

This is the comprehensive list of all publications authored or co-authored by Ashutosh V. Kotwal. It includes analyses and publications led by him. It also includes publications co-authored with the ATLAS Collaboration at the CERN Large Hadron Collider in Switzerland, and the CDF Collaboration, the D0 Collaboration, and the E665 Collaboration at the Fermi National Accelerator Laboratory in Illinois.

References

- [1] G. Aad *et al.* [ATLAS], JINST **19**, no.08, P08018 (2024) doi:10.1088/1748-0221/19/08/P08018 [arXiv:2407.20127 [hep-ex]].
- [2] G. Aad *et al.* [ATLAS], JHEP **08**, 182 (2024) doi:10.1007/JHEP08(2024)182 [arXiv:2406.19701 [hep-ex]].
- [3] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **133**, no.10, 101801 (2024) doi:10.1103/PhysRevLett.133.101801 [arXiv:2406.09971 [hep-ex]].
- [4] G. Aad *et al.* [ATLAS], JHEP **08**, 153 (2024) doi:10.1007/JHEP08(2024)153 [arXiv:2406.01656 [hep-ex]].
- [5] G. Aad *et al.* [ATLAS], JHEP **09**, 005 (2024) doi:10.1007/JHEP09(2024)005 [arXiv:2405.20061 [hep-ex]].
- [6] G. Aad *et al.* [ATLAS], JHEP **08**, 164 (2024) doi:10.1007/JHEP08(2024)164 [arXiv:2405.20040 [hep-ex]].
- [7] G. Aad *et al.* [ATLAS], Phys. Rev. D **110**, no.3, 032015 (2024) doi:10.1103/PhysRevD.110.032015 [arXiv:2405.03253 [hep-ex]].
- [8] A. V. Kotwal, H. Kemeny, Z. Yang and J. Fan, Sci. Rep. **14**, no.1, 10181 (2024) doi:10.1038/s41598-024-60319-9
- [9] G. Aad *et al.* [ATLAS], JINST **19**, no.06, P06014 (2024) doi:10.1088/1748-0221/19/06/P06014 [arXiv:2405.05054 [physics.ins-det]].
- [10] G. Aad *et al.* [ATLAS], JHEP **08**, 013 (2024) doi:10.1007/JHEP08(2024)013 [arXiv:2404.18986 [hep-ex]].
- [11] G. Aad *et al.* [ATLAS], Phys. Rev. D **110**, no.3, 032012 (2024) doi:10.1103/PhysRevD.110.032012 [arXiv:2404.12660 [hep-ex]].
- [12] G. Aad *et al.* [ATLAS], Phys. Lett. B **856**, 138938 (2024) doi:10.1016/j.physletb.2024.138938 [arXiv:2404.01996 [hep-ex]].
- [13] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.7, 757 (2024) doi:10.1140/epjc/s10052-024-12994-1 [arXiv:2404.02123 [hep-ex]].
- [14] G. Aad *et al.* [ATLAS], JHEP **06**, 192 (2024) doi:10.1007/JHEP06(2024)192 [arXiv:2403.15296 [hep-ex]].

- [15] G. Aad *et al.* [ATLAS], Phys. Lett. B **856**, 138865 (2024) doi:10.1016/j.physletb.2024.138865 [arXiv:2403.15016 [hep-ex]].
- [16] G. Aad *et al.* [ATLAS], Phys. Lett. B **854**, 138725 (2024) doi:10.1016/j.physletb.2024.138725 [arXiv:2403.12902 [hep-ex]].
- [17] G. Aad *et al.* [ATLAS], Phys. Rev. D **110**, no.3, 032002 (2024) doi:10.1103/PhysRevD.110.032002 [arXiv:2403.08547 [hep-ex]].
- [18] G. Aad *et al.* [ATLAS], Phys. Rev. D **110**, no.1, 012014 (2024) doi:10.1103/PhysRevD.110.012014 [arXiv:2403.06742 [hep-ex]].
- [19] G. Aad *et al.* [ATLAS], JHEP **07**, 254 (2024) doi:10.1007/JHEP07(2024)254 [arXiv:2403.04869 [hep-ex]].
- [20] G. Aad *et al.* [ATLAS], JHEP **08**, 223 (2024) doi:10.1007/JHEP08(2024)223 [arXiv:2403.02793 [hep-ex]].
- [21] G. Aad *et al.* [ATLAS], JHEP **05**, 305 (2024) doi:10.1007/JHEP05(2024)305 [arXiv:2403.02126 [hep-ex]].
- [22] G. Aad *et al.* [ATLAS], Phys. Lett. B **855**, 138762 (2024) doi:10.1016/j.physletb.2024.138762 [arXiv:2402.18731 [hep-ex]].
- [23] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **133**, no.10, 101802 (2024) doi:10.1103/PhysRevLett.133.101802 [arXiv:2402.16365 [hep-ex]].
- [24] G. Aad *et al.* [ATLAS], Phys. Rev. D **109**, no.11, 112008 (2024) doi:10.1103/PhysRevD.109.112008 [arXiv:2402.16576 [hep-ex]].
- [25] G. Aad *et al.* [ATLAS], JHEP **05**, 263 (2024) doi:10.1007/JHEP05(2024)263 [arXiv:2402.16561 [hep-ex]].
- [26] G. Aad *et al.* [ATLAS], JHEP **07**, 250 (2024) doi:10.1007/JHEP07(2024)250 [arXiv:2402.12137 [hep-ex]].
- [27] G. Aad *et al.* [ATLAS], JHEP **04**, 118 (2024) doi:10.1007/JHEP04(2024)118 [arXiv:2402.10607 [hep-ex]].
- [28] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **133**, no.3, 031802 (2024) doi:10.1103/PhysRevLett.133.031802 [arXiv:2402.08347 [hep-ex]].
- [29] A. Hayrapetyan *et al.* [ATLAS and CMS], Phys. Rev. Lett. **132**, no.26, 261902 (2024) doi:10.1103/PhysRevLett.132.261902 [arXiv:2402.08713 [hep-ex]].
- [30] G. Aad *et al.* [ATLAS], JINST **19**, no.05, P05054 (2024) doi:10.1088/1748-0221/19/05/P05054 [arXiv:2402.06438 [physics.ins-det]].
- [31] G. Aad *et al.* [ATLAS], JHEP **05**, 106 (2024) doi:10.1007/JHEP05(2024)106 [arXiv:2402.01392 [hep-ex]].
- [32] G. Aad *et al.* [ATLAS], JHEP **05**, 150 (2024) doi:10.1007/JHEP05(2024)150 [arXiv:2402.00603 [hep-ex]].

- [33] A. V. Kotwal, Nature Rev. Phys. **6**, no.3, 180-193 (2024) doi:10.1038/s42254-023-00682-0 [arXiv:2409.08244 [hep-ex]].
- [34] G. Aad *et al.* [ATLAS], Phys. Lett. B **854**, 138743 (2024) doi:10.1016/j.physletb.2024.138743 [arXiv:2401.17165 [hep-ex]].
- [35] G. Aad *et al.* [ATLAS], JHEP **05**, 003 (2024) doi:10.1007/JHEP05(2024)003 [arXiv:2401.16333 [hep-ex]].
- [36] G. Aad *et al.* [ATLAS], Phys. Rev. D **109**, no.11, 112011 (2024) doi:10.1103/PhysRevD.109.112011 [arXiv:2401.14922 [hep-ex]].
- [37] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **132**, no.22, 221801 (2024) doi:10.1103/PhysRevLett.132.221801 [arXiv:2401.14046 [hep-ex]].
- [38] G. Aad *et al.* [ATLAS], JHEP **03**, 139 (2024) doi:10.1007/JHEP03(2024)139 [arXiv:2401.13430 [hep-ex]].
- [39] G. Aad *et al.* [ATLAS], Phys. Lett. B **854**, 138736 (2024) doi:10.1016/j.physletb.2024.138736 [arXiv:2401.11928 [hep-ex]].
- [40] G. Aad *et al.* [ATLAS], JINST **19**, no.06, P06029 (2024) doi:10.1088/1748-0221/19/06/P06029 [arXiv:2401.06630 [hep-ex]].
- [41] G. Aad *et al.* [ATLAS], JHEP **05**, 131 (2024) doi:10.1007/JHEP05(2024)131 [arXiv:2401.05299 [hep-ex]].
- [42] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **132**, no.13, 131802 (2024) doi:10.1103/PhysRevLett.132.131802 [arXiv:2312.07605 [hep-ex]].
- [43] G. Aad *et al.* [ATLAS], JHEP **07**, 163 (2024) doi:10.1007/JHEP07(2024)163 [arXiv:2312.04450 [hep-ex]].
- [44] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.7, 742 (2024) doi:10.1140/epjc/s10052-024-12979-0 [arXiv:2312.03306 [hep-ex]].
- [45] G. Aad *et al.* [ATLAS], Phys. Rev. D **109**, no.11, 112016 (2024) doi:10.1103/PhysRevD.109.112016 [arXiv:2312.03797 [hep-ex]].
- [46] G. Aad *et al.* [ATLAS], Phys. Lett. B **854**, 138705 (2024) doi:10.1016/j.physletb.2024.138705 [arXiv:2312.02789 [hep-ex]].
- [47] G. Aad *et al.* [ATLAS], Phys. Lett. B **850**, 138536 (2024) doi:10.1016/j.physletb.2024.138536 [arXiv:2312.01942 [hep-ex]].
- [48] G. Aad *et al.* [ATLAS], Phys. Lett. **855**, 138817 (2024) doi:10.1016/j.physletb.2024.138817 [arXiv:2312.02394 [hep-ex]].
- [49] G. Aad *et al.* [ATLAS], JHEP **04**, 026 (2024) doi:10.1007/JHEP04(2024)026 [arXiv:2312.00420 [hep-ex]].
- [50] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.7, 719 (2024) doi:10.1140/epjc/s10052-024-12902-7 [arXiv:2311.18298 [hep-ex]].

- [51] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **132**, no.23, 231801 (2024) doi:10.1103/PhysRevLett.132.231801 [arXiv:2311.15956 [hep-ex]].
- [52] G. Aad *et al.* [ATLAS], Phys. Lett. B **855**, 138764 (2024) doi:10.1016/j.physletb.2024.138764 [arXiv:2311.09715 [hep-ex]].
- [53] G. Aad *et al.* [ATLAS], Mach. Learn. Sci. Tech. **5**, no.3, 035051 (2024) doi:10.1088/2632-2153/ad611e [arXiv:2311.08885 [hep-ex]].
- [54] G. Aad *et al.* [ATLAS], JHEP **02**, 197 (2024) doi:10.1007/JHEP02(2024)197 [arXiv:2311.04033 [hep-ex]].
- [55] G. Aad *et al.* [ATLAS], JHEP **02**, 128 (2024) doi:10.1007/JHEP02(2024)128 [arXiv:2311.03944 [hep-ex]].
- [56] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.5, 455 (2024) doi:10.1140/epjc/s10052-024-12657-1 [arXiv:2310.16497 [physics.ins-det]].
- [57] K. Agashe, S. Airen, R. Franceschini, D. Kim, A. V. Kotwal, L. Ricci and D. Sathyan, Phys. Lett. B **855**, 138774 (2024) doi:10.1016/j.physletb.2024.138774 [arXiv:2310.13687 [hep-ph]].
- [58] G. Aad *et al.* [ATLAS], JHEP **01**, 066 (2024) doi:10.1007/JHEP01(2024)066 [arXiv:2310.12301 [hep-ex]].
- [59] G. Aad *et al.* [ATLAS], JHEP **02**, 037 (2024) doi:10.1007/JHEP02(2024)037 [arXiv:2310.11286 [hep-ex]].
- [60] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.2, 195 (2024) doi:10.1140/epjc/s10052-024-12471-9 [arXiv:2310.11574 [hep-ex]].
- [61] G. Aad *et al.* [ATLAS], JHEP **12**, 167 (2023) doi:10.1007/JHEP12(2023)167 [arXiv:2310.08171 [hep-ex]].
- [62] G. Aad *et al.* [ATLAS], JHEP **12**, 107 (2023) doi:10.1007/JHEP12(2023)107 [arXiv:2310.04350 [hep-ex]].
- [63] G. Aad *et al.* [ATLAS], Phys. Lett. B **854**, 138726 (2024) doi:10.1016/j.physletb.2024.138726 [arXiv:2310.01518 [hep-ex]].
- [64] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.2, 169 (2024) doi:10.1140/epjc/s10052-024-12439-9 [arXiv:2309.17177 [hep-ex]].
- [65] G. Aad *et al.* [ATLAS], JHEP **12**, 195 (2023) doi:10.1007/JHEP12(2023)195 [arXiv:2309.12817 [hep-ex]].
- [66] G. Aad *et al.* [ATLAS], JINST **19**, no.02, P02009 (2024) doi:10.1088/1748-0221/19/02/P02009 [arXiv:2309.05471 [hep-ex]].
- [67] G. Aad *et al.* [ATLAS], Phys. Lett. B **848**, 138394 (2024) doi:10.1016/j.physletb.2023.138394 [arXiv:2309.04364 [hep-ex]].
- [68] G. Aad *et al.* [ATLAS and CMS], Phys. Rev. Lett. **132**, no.2, 021803 (2024) doi:10.1103/PhysRevLett.132.021803 [arXiv:2309.03501 [hep-ex]].

- [69] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **132**, no.20, 202301 (2024) doi:10.1103/PhysRevLett.132.202301 [arXiv:2308.16652 [nucl-ex]].
- [70] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **132**, no.10, 102301 (2024) doi:10.1103/PhysRevLett.132.102301 [arXiv:2309.00033 [nucl-ex]].
- [71] G. Aad *et al.* [ATLAS], JHEP **05**, 162 (2024) doi:10.1007/JHEP05(2024)162 [arXiv:2308.13362 [hep-ex]].
- [72] G. Aad *et al.* [ATLAS], JHEP **01**, 004 (2024) doi:10.1007/JHEP01(2024)004 [arXiv:2308.12324 [hep-ex]].
- [73] G. Aad *et al.* [ATLAS], Phys. Lett. B **848**, 138376 (2024) doi:10.1016/j.physletb.2023.138376 [arXiv:2308.09529 [hep-ex]].
- [74] G. Aad *et al.* [ATLAS], Comput. Softw. Big Sci. **8**, no.1, 9 (2024) doi:10.1007/s41781-023-00111-y [arXiv:2308.09471 [hep-ex]].
- [75] G. Aad *et al.* [ATLAS], JHEP **12**, 073 (2023) doi:10.1007/JHEP12(2023)073 [arXiv:2308.08521 [hep-ex]].
- [76] G. Aad *et al.* [ATLAS], Phys. Lett. B **847**, 138315 (2023) doi:10.1016/j.physletb.2023.138315 [arXiv:2308.07216 [hep-ex]].
- [77] G. Aad *et al.* [ATLAS], JHEP **11**, 112 (2023) doi:10.1007/JHEP11(2023)112 [arXiv:2308.04835 [hep-ex]].
- [78] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.25, 251802 (2023) doi:10.1103/PhysRevLett.131.251802 [arXiv:2308.04775 [hep-ex]].
- [79] G. Aad *et al.* [ATLAS], Phys. Lett. B **848**, 138400 (2024) doi:10.1016/j.physletb.2023.138400 [arXiv:2308.03041 [hep-ex]].
- [80] G. Aad *et al.* [ATLAS], JHEP **11**, 168 (2023) doi:10.1007/JHEP11(2023)168 [arXiv:2308.02595 [hep-ex]].
- [81] G. Aad *et al.* [ATLAS], JHEP **09**, 199 (2023) doi:10.1007/JHEP09(2023)199 [arXiv:2308.01171 [hep-ex]].
- [82] G. Aad *et al.* [ATLAS], Chin. Phys. C **48**, no.2, 023001 (2024) doi:10.1088/1674-1137/acf701 [arXiv:2308.00716 [hep-ex]].
- [83] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, no.11, 112005 (2023) doi:10.1103/PhysRevD.108.112005 [arXiv:2307.14944 [hep-ex]].
- [84] G. Aad *et al.* [ATLAS], Phys. Rev. D **109**, no.3, 032010 (2024) doi:10.1103/PhysRevD.109.032010 [arXiv:2307.14967 [hep-ex]].
- [85] G. Aad *et al.* [ATLAS], JHEP **12**, 081 (2023) doi:10.1007/JHEP12(2023)081 [arXiv:2307.14759 [hep-ex]].
- [86] G. Aad *et al.* [ATLAS], JHEP **10**, 009 (2023) doi:10.1007/JHEP10(2023)009 [arXiv:2307.11120 [hep-ex]].

- [87] G. Aad *et al.* [ATLAS], Phys. Rev. D **109**, no.11, 112012 (2024) doi:10.1103/PhysRevD.109.112012 [arXiv:2307.07584 [hep-ex]].
- [88] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **132**, no.8, 081801 (2024) doi:10.1103/PhysRevLett.132.081801 [arXiv:2307.01612 [hep-ex]].
- [89] G. Aad *et al.* [ATLAS], JHEP **02**, 107 (2024) doi:10.1007/JHEP02(2024)107 [arXiv:2307.01094 [hep-ex]].
- [90] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.8, 818 (2024) doi:10.1140/epjc/s10052-024-12975-4 [arXiv:2306.17642 [hep-ex]].
- [91] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.1, 78 (2024) doi:10.1140/epjc/s10052-023-12130-5 [arXiv:2306.11379 [hep-ex]].
- [92] G. Aad *et al.* [ATLAS], JINST **18**, no.11, P11006 (2023) doi:10.1088/1748-0221/18/11/P11006 [arXiv:2306.09738 [hep-ex]].
- [93] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.25, 251801 (2023) doi:10.1103/PhysRevLett.131.251801 [arXiv:2306.07413 [hep-ex]].
- [94] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, 052009 (2023) doi:10.1103/PhysRevD.108.052009 [arXiv:2306.03637 [hep-ex]].
- [95] G. Aad *et al.* [ATLAS], Phys. Lett. B **846**, 138222 (2023) doi:10.1016/j.physletb.2023.138222 [arXiv:2305.19142 [hep-ex]].
- [96] G. Aad *et al.* [ATLAS], Phys. Lett. B **848**, 138324 (2024) doi:10.1016/j.physletb.2023.138324 [arXiv:2305.18037 [hep-ex]].
- [97] G. Aad *et al.* [ATLAS], JHEP **10**, 060 (2023) doi:10.1007/JHEP10(2023)060 [arXiv:2305.16930 [hep-ex]].
- [98] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **132**, no.2, 021802 (2024) doi:10.1103/PhysRevLett.132.021802 [arXiv:2305.16994 [hep-ex]].
- [99] G. Aad *et al.* [ATLAS], JINST **19**, no.05, P05063 (2024) doi:10.1088/1748-0221/19/05/P05063 [arXiv:2305.16623 [physics.ins-det]].
- [100] G. Aad *et al.* [ATLAS], JHEP **10**, 001 (2023) doi:10.1007/JHEP10(2023)001 [arXiv:2305.15962 [hep-ex]].
- [101] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.9, 824 (2023) doi:10.1140/epjc/s10052-023-11915-y [arXiv:2305.14931 [hep-ex]].
- [102] G. Aad *et al.* [ATLAS], JHEP **09**, 189 (2023) doi:10.1007/JHEP09(2023)189 [arXiv:2305.12938 [hep-ex]].
- [103] G. Aad *et al.* [ATLAS], JHEP **10**, 079 (2023) doi:10.1007/JHEP10(2023)079 [arXiv:2305.10894 [hep-ex]].
- [104] G. Aad *et al.* [ATLAS], JHEP **11**, 150 (2023) doi:10.1007/JHEP11(2023)150 [arXiv:2305.09322 [hep-ex]].

- [105] G. Aad *et al.* [ATLAS], JHEP **08**, 153 (2023) doi:10.1007/JHEP08(2023)153 [arXiv:2305.03401 [hep-ex]].
- [106] G. Aad *et al.* [ATLAS], Phys. Lett. B **846**, 138172 (2023) doi:10.1016/j.physletb.2023.138172 [arXiv:2305.02005 [hep-ex]].
- [107] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, no.9, 092007 (2023) doi:10.1103/PhysRevD.108.092007 [arXiv:2304.14247 [hep-ex]].
- [108] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.11, 1081 (2023) doi:10.1140/epjc/s10052-023-12024-6 [arXiv:2304.12867 [hep-ex]].
- [109] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, no.1, 012012 (2023) doi:10.1103/PhysRevD.108.012012 [arXiv:2304.12885 [hep-ex]].
- [110] G. Aad *et al.* [ATLAS], JHEP **07**, 125 (2023) doi:10.1007/JHEP07(2023)125 [arXiv:2304.11962 [hep-ex]].
- [111] G. Aad *et al.* [ATLAS], JHEP **07**, 234 (2023) doi:10.1007/JHEP07(2023)234 [arXiv:2304.10953 [hep-ex]].
- [112] G. Aad *et al.* [ATLAS], JHEP **05**, 105 (2024) doi:10.1007/JHEP05(2024)105 [arXiv:2304.09612 [hep-ex]].
- [113] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.12, 1164 (2023) doi:10.1140/epjc/s10052-023-12021-9 [arXiv:2304.09553 [hep-ex]].
- [114] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.15, 151902 (2023) doi:10.1103/PhysRevLett.131.151902 [arXiv:2304.08962 [hep-ex]].
- [115] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, no.7, 072003 (2023) doi:10.1103/PhysRevD.108.072003 [arXiv:2304.03053 [hep-ex]].
- [116] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.2, 157 (2024) doi:10.1140/epjc/s10052-023-12318-9 [arXiv:2304.01678 [hep-ex]].
- [117] G. Aad *et al.* [ATLAS], Phys. Lett. B **846**, 138223 (2023) doi:10.1016/j.physletb.2023.138223 [arXiv:2304.01532 [hep-ex]].
- [118] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.8, 761 (2023) doi:10.1140/epjc/s10052-023-11837-9 [arXiv:2303.17312 [hep-ex]].
- [119] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.16, 162301 (2023) doi:10.1103/PhysRevLett.131.162301 [arXiv:2303.17357 [nucl-ex]].
- [120] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.6, 496 (2023) [erratum: Eur. Phys. J. C **84**, 156 (2024)] doi:10.1140/epjc/s10052-023-11573-0 [arXiv:2303.15061 [hep-ex]].
- [121] G. Aad *et al.* [ATLAS], JHEP **07**, 141 (2023) doi:10.1007/JHEP07(2023)141 [arXiv:2303.15340 [hep-ex]].
- [122] G. Aad *et al.* [ATLAS], Phys. Lett. B **847**, 138316 (2023) doi:10.1016/j.physletb.2023.138316 [arXiv:2303.13613 [hep-ex]].

- [123] G. Aad *et al.* [ATLAS], Phys. Lett. B **846**, 138154 (2023) doi:10.1016/j.physletb.2023.138154 [arXiv:2303.10090 [nucl-ex]].
- [124] G. Aad *et al.* [ATLAS], JHEP **06**, 199 (2023) doi:10.1007/JHEP06(2023)199 [arXiv:2303.09444 [hep-ex]].
- [125] G. Aad *et al.* [ATLAS], Phys. Lett. B **849**, 138469 (2024) doi:10.1016/j.physletb.2024.138469 [arXiv:2303.05974 [hep-ex]].
- [126] G. Aad *et al.* [ATLAS], JHEP **07**, 118 (2023) doi:10.1007/JHEP07(2023)118 [arXiv:2303.05441 [hep-ex]].
- [127] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.11, 1075 (2023) doi:10.1140/epjc/s10052-023-12104-7 [arXiv:2303.01294 [hep-ex]].
- [128] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **84**, no.3, 315 (2024) doi:10.1140/epjc/s10052-024-12438-w [arXiv:2309.09318 [hep-ex]].
- [129] G. Aad *et al.* [ATLAS], JHEP **09**, 004 (2023) doi:10.1007/JHEP09(2023)004 [arXiv:2302.11739 [hep-ex]].
- [130] G. Aad *et al.* [ATLAS], JHEP **07**, 166 (2023) doi:10.1007/JHEP07(2023)166 [arXiv:2302.05225 [hep-ex]].
- [131] G. Aad *et al.* [ATLAS], Phys. Rev. C **108**, no.2, 024906 (2023) doi:10.1103/PhysRevC.108.024906 [arXiv:2302.03967 [nucl-ex]].
- [132] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.18, 181901 (2023) doi:10.1103/PhysRevLett.131.181901 [arXiv:2302.01283 [hep-ex]].
- [133] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, 032012 (2023) doi:10.1103/PhysRevD.108.032012 [arXiv:2302.00336 [hep-ex]].
- [134] G. Aad *et al.* [ATLAS], JHEP **07**, 086 (2023) doi:10.1007/JHEP07(2023)086 [arXiv:2302.00510 [hep-ex]].
- [135] G. Aad *et al.* [ATLAS], JHEP **2306**, 200 (2023) doi:10.1007/JHEP06(2023)200 [arXiv:2301.13866 [hep-ex]].
- [136] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, no.3, 032019 (2023) doi:10.1103/PhysRevD.108.032019 [arXiv:2301.11605 [hep-ex]].
- [137] G. Aad *et al.* [ATLAS], Phys. Lett. B **842**, 137963 (2023) doi:10.1016/j.physletb.2023.137963 [arXiv:2301.10731 [hep-ex]].
- [138] G. Aad *et al.* [ATLAS], JHEP **07**, 176 (2023) doi:10.1007/JHEP07(2023)176 [arXiv:2301.10486 [hep-ex]].
- [139] G. Aad *et al.* [ATLAS], Phys. Lett. B **847**, 138292 (2023) doi:10.1016/j.physletb.2023.138292 [arXiv:2301.09938 [hep-ex]].
- [140] G. Aad *et al.* [ATLAS], JHEP **07**, 090 (2023) doi:10.1007/JHEP07(2023)090 [arXiv:2301.09342 [hep-ex]].

- [141] G. Aad *et al.* [ATLAS], JHEP **07**, 085 (2023) doi:10.1007/JHEP07(2023)085 [arXiv:2301.09351 [hep-ex]].
- [142] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.9, 774 (2023) doi:10.1140/epjc/s10052-023-11873-5 [arXiv:2301.06822 [hep-ex]].
- [143] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.8, 728 (2023) doi:10.1140/epjc/s10052-023-11736-z [arXiv:2301.06319 [hep-ex]].
- [144] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.17, 172301 (2023) doi:10.1103/PhysRevLett.131.172301 [arXiv:2301.05606 [nucl-ex]].
- [145] G. Aad *et al.* [ATLAS], JHEP **07**, 199 (2023) doi:10.1007/JHEP07(2023)199 [arXiv:2301.03902 [hep-ex]].
- [146] G. Aad *et al.* [ATLAS], JHEP **07**, 033 (2023) doi:10.1007/JHEP07(2023)033 [arXiv:2301.04245 [hep-ex]].
- [147] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, no.5, 052003 (2023) doi:10.1103/PhysRevD.108.052003 [arXiv:2301.03212 [hep-ex]].
- [148] G. Aad *et al.* [ATLAS], Phys. Lett. B **843**, 137848 (2023) doi:10.1016/j.physletb.2023.137848 [arXiv:2212.10552 [hep-ex]].
- [149] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.10, 982 (2023) doi:10.1140/epjc/s10052-023-11747-w [arXiv:2212.09379 [hep-ex]].
- [150] G. Aad *et al.* [ATLAS], JHEP **07**, 133 (2023) doi:10.1007/JHEP07(2023)133 [arXiv:2212.09649 [hep-ex]].
- [151] G. Aad *et al.* [ATLAS], JHEP **07**, 072 (2023) doi:10.1007/JHEP07(2023)072 [arXiv:2212.07184 [hep-ex]].
- [152] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.8, 686 (2023) doi:10.1140/epjc/s10052-023-11584-x [arXiv:2212.07338 [hep-ex]].
- [153] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.7, 563 (2023) doi:10.1140/epjc/s10052-023-11583-y [arXiv:2212.05833 [hep-ex]].
- [154] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.8, 719 (2023) doi:10.1140/epjc/s10052-023-11790-7 [arXiv:2212.05263 [hep-ex]].
- [155] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.7, 627 (2023) doi:10.1140/epjc/s10052-023-11700-x [arXiv:2212.00664 [hep-ex]].
- [156] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **108**, no.3, 032014 (2023) doi:10.1103/PhysRevD.108.032014 [arXiv:2212.00571 [hep-ex]].
- [157] G. Aad *et al.* [ATLAS], JINST **18**, no.11, T11004 (2023) doi:10.1088/1748-0221/18/11/T11004 [arXiv:2211.16178 [hep-ex]].
- [158] G. Aad *et al.* [ATLAS], JHEP **07**, 074 (2023) doi:10.1007/JHEP07(2023)074 [arXiv:2211.15257 [hep-ex]].

- [159] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.6, 539 (2023) doi:10.1140/epjc/s10052-023-11579-8 [arXiv:2211.14171 [hep-ex]].
- [160] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.7, 681 (2023) doi:10.1140/epjc/s10052-023-11699-1 [arXiv:2211.16345 [physics.data-an]].
- [161] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.7, 603 (2023) doi:10.1140/epjc/s10052-023-11582-z [arXiv:2211.13138 [hep-ex]].
- [162] G. Aad *et al.* [ATLAS], Phys. Rev. C **107**, no.5, 054909 (2023) doi:10.1103/PhysRevC.107.054909 [arXiv:2211.11470 [nucl-ex]].
- [163] G. Aad *et al.* [ATLAS], Phys. Lett. B **843**, 137895 (2023) doi:10.1016/j.physletb.2023.137895 [arXiv:2211.09435 [hep-ex]].
- [164] G. Aad *et al.* [ATLAS], JHEP **07**, 202 (2023) doi:10.1007/JHEP07(2023)202 [arXiv:2211.08945 [hep-ex]].
- [165] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.7, 561 (2023) doi:10.1140/epjc/s10052-023-11543-6 [arXiv:2211.08028 [hep-ex]].
- [166] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.7, 605 (2023) doi:10.1140/epjc/s10052-023-11578-9 [arXiv:2211.07505 [hep-ex]].
- [167] G. Aad *et al.* [ATLAS], JHEP **07**, 116 (2023) doi:10.1007/JHEP07(2023)116 [arXiv:2211.07175 [hep-ex]].
- [168] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.6, 503 (2023) doi:10.1140/epjc/s10052-023-11477-z [arXiv:2211.05426 [hep-ex]].
- [169] G. Aad *et al.* [ATLAS], JHEP **07**, 155 (2023) doi:10.1007/JHEP07(2023)155 [arXiv:2211.04172 [hep-ex]].
- [170] G. Aad *et al.* [ATLAS], JHEP **07**, 200 (2023) doi:10.1007/JHEP07(2023)200 [arXiv:2211.02617 [hep-ex]].
- [171] G. Aad *et al.* [ATLAS], JHEP **07**, 203 (2023) doi:10.1007/JHEP07(2023)203 [arXiv:2211.01136 [hep-ex]].
- [172] G. Aad *et al.* [ATLAS], Phys. Lett. B **843**, 137745 (2023) doi:10.1016/j.physletb.2023.137745 [arXiv:2211.01216 [hep-ex]].
- [173] G. Aad *et al.* [ATLAS], Phys. Lett. B **843**, 138019 (2023) doi:10.1016/j.physletb.2023.138019 [arXiv:2210.15413 [hep-ex]].
- [174] G. Aad *et al.* [ATLAS], Comput. Softw. Big Sci. **8**, no.1, 7 (2024) doi:10.1007/s41781-023-00106-9 [arXiv:2210.06204 [hep-ex]].
- [175] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.6, 519 (2023) doi:10.1140/epjc/s10052-023-11559-y [arXiv:2210.05415 [hep-ex]].
- [176] G. Aad *et al.* [ATLAS], JHEP **2306**, 188 (2023) doi:10.1007/JHEP06(2023)188 [arXiv:2210.04517 [hep-ex]].

- [177] G. Aad *et al.* [ATLAS], JHEP **06**, 036 (2023) doi:10.1007/JHEP06(2023)036 [arXiv:2209.15345 [hep-ex]].
- [178] G. Aad *et al.* [ATLAS], Phys. Lett. B **843**, 137829 (2023) doi:10.1016/j.physletb.2023.137829 [arXiv:2209.14903 [hep-ex]].
- [179] G. Aad *et al.* [ATLAS], JHEP **06**, 031 (2023) doi:10.1007/JHEP06(2023)031 [arXiv:2209.13935 [hep-ex]].
- [180] G. Aad *et al.* [ATLAS], JHEP **07**, 040 (2023) doi:10.1007/JHEP07(2023)040 [arXiv:2209.10910 [hep-ex]].
- [181] G. Aad *et al.* [ATLAS], JHEP **06**, 191 (2023) doi:10.1007/JHEP06(2023)191 [arXiv:2209.08990 [hep-ex]].
- [182] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.6, 518 (2023) doi:10.1140/epjc/s10052-023-11479-x [arXiv:2209.07874 [hep-ex]].
- [183] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, no.3, 032016 (2023) doi:10.1103/PhysRevD.108.032016 [arXiv:2209.01029 [hep-ex]].
- [184] G. Aad *et al.* [ATLAS], JHEP **06**, 019 (2023) doi:10.1007/JHEP06(2023)019 [arXiv:2209.00583 [hep-ex]].
- [185] G. Aad *et al.* [ATLAS], JHEP **06**, 082 (2023) doi:10.1007/JHEP06(2023)082 [arXiv:2208.12741 [hep-ex]].
- [186] G. Aad *et al.* [ATLAS], JHEP **08**, 077 (2023) doi:10.1007/JHEP08(2023)077 [arXiv:2208.12095 [hep-ex]].
- [187] G. Aad *et al.* [ATLAS], JHEP **2306**, 155 (2023) doi:10.1007/JHEP06(2023)155 [arXiv:2208.11415 [hep-ex]].
- [188] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.9, 781 (2023) doi:10.1140/epjc/s10052-023-11869-1 [arXiv:2208.03122 [hep-ex]].
- [189] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.6, 061802 (2023) doi:10.1103/PhysRevLett.131.061802 [arXiv:2208.02338 [hep-ex]].
- [190] G. Aad *et al.* [ATLAS], JHEP **2306**, 182 (2023) doi:10.1007/JHEP06(2023)182 [arXiv:2207.12781 [nucl-ex]].
- [191] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.5, 441 (2023) doi:10.1140/epjc/s10052-023-11436-8 [arXiv:2207.12246 [hep-ex]].
- [192] G. Aad *et al.* [ATLAS], JHEP **05**, 028 (2023) doi:10.1007/JHEP05(2023)028 [arXiv:2207.08615 [hep-ex]].
- [193] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.7, 633 (2023) doi:10.1140/epjc/s10052-023-11437-7 [arXiv:2207.03925 [hep-ex]].
- [194] G. Aad *et al.* [ATLAS], JHEP **06**, 138 (2023) doi:10.1007/JHEP06(2023)138 [arXiv:2207.01354 [hep-ex]].

- [195] G. Aad *et al.* [ATLAS], JHEP **06**, 016 (2023) doi:10.1007/JHEP06(2023)016 [arXiv:2207.00230 [hep-ex]].
- [196] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, 032005 (2023) doi:10.1103/PhysRevD.108.032005 [arXiv:2207.00338 [hep-ex]].
- [197] G. Aad *et al.* [ATLAS], JHEP **07**, 088 (2023) doi:10.1007/JHEP07(2023)088 [arXiv:2207.00348 [hep-ex]].
- [198] G. Aad *et al.* [ATLAS], Phys. Lett. B **843**, 137880 (2023) doi:10.1016/j.physletb.2023.137880 [arXiv:2207.00320 [hep-ex]].
- [199] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.8, 718 (2023) doi:10.1140/epjc/s10052-023-11508-9 [arXiv:2206.15231 [hep-ex]].
- [200] G. Aad *et al.* [ATLAS], Nature **607**, no.7917, 52-59 (2022) [erratum: Nature **612**, no.7941, E24 (2022)] doi:10.1038/s41586-022-04893-w [arXiv:2207.00092 [hep-ex]].
- [201] G. Aad *et al.* [ATLAS], Phys. Rev. C **107**, no.5, 054907 (2023) doi:10.1103/PhysRevC.107.054907 [arXiv:2206.12594 [nucl-ex]].
- [202] G. Aad *et al.* [ATLAS], JHEP **06**, 153 (2023) doi:10.1007/JHEP06(2023)153 [arXiv:2206.12181 [hep-ex]].
- [203] G. Aad *et al.* [ATLAS], JHEP **07**, 021 (2023) doi:10.1007/JHEP07(2023)021 [arXiv:2206.06012 [hep-ex]].
- [204] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.7, 072301 (2023) doi:10.1103/PhysRevLett.131.072301 [arXiv:2206.01138 [nucl-ex]].
- [205] G. Aad *et al.* [ATLAS and CMS], JHEP **07**, 213 (2023) doi:10.1007/JHEP07(2023)213 [arXiv:2205.13830 [hep-ex]].
- [206] G. Aad *et al.* [ATLAS], JHEP **2306**, 158 (2023) doi:10.1007/JHEP06(2023)158 [arXiv:2205.06013 [hep-ex]].
- [207] G. Aad *et al.* [ATLAS], Phys. Rev. C **107**, no.5, 054912 (2023) doi:10.1103/PhysRevC.107.054912 [arXiv:2205.03042 [nucl-ex]].
- [208] G. Aad *et al.* [ATLAS], Phys. Lett. B **842**, 137379 (2023) [erratum: Phys. Lett. B **847**, 138286 (2024)] doi:10.1016/j.physletb.2022.137379 [arXiv:2205.02537 [hep-ex]].
- [209] G. Aad *et al.* [ATLAS], JHEP **06**, 080 (2023) doi:10.1007/JHEP06(2023)080 [arXiv:2205.02597 [hep-ex]].
- [210] G. Aad *et al.* [ATLAS], JHEP **04**, 080 (2023) doi:10.1007/JHEP04(2023)080 [arXiv:2205.02817 [hep-ex]].
- [211] G. Aad *et al.* [ATLAS], Phys. Rev. C **107**, no.5, 054908 (2023) [erratum: Phys. Rev. C **109**, no.2, 029901 (2024)] doi:10.1103/PhysRevC.107.054908 [arXiv:2205.00682 [nucl-ex]].
- [212] G. Aad *et al.* [ATLAS], Phys. Rev. C **107**, no.5, 054910 (2023) doi:10.1103/PhysRevC.107.054910 [arXiv:2205.00039 [nucl-ex]].

- [213] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.15, 151802 (2023) doi:10.1103/PhysRevLett.131.151802 [arXiv:2204.13478 [hep-ex]].
- [214] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.5, 438 (2023) doi:10.1140/epjc/s10052-023-11427-9 [arXiv:2204.13530 [nucl-ex]].
- [215] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **83**, no.6, 515 (2023) doi:10.1140/epjc/s10052-023-11434-w [arXiv:2204.13072 [hep-ex]].
- [216] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, no.1, 012022 (2023) doi:10.1103/PhysRevD.108.012022 [arXiv:2204.12355 [hep-ex]].
- [217] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **131**, no.6, 061803 (2023) doi:10.1103/PhysRevLett.131.061803 [arXiv:2204.11988 [hep-ex]].
- [218] G. Aad *et al.* [ATLAS], Phys. Rev. D **108**, 032015 (2023) doi:10.1103/PhysRevD.108.032015 [arXiv:2204.10783 [hep-ex]].
- [219] T. Aaltonen *et al.* [CDF], Science **376**, no.6589, 170-176 (2022) doi:10.1126/science.abk1781
- [220] B. Nachman, J. Bonilla, G. Chachamis, B. M. Dillon, S. V. Chekanov, R. Erbacher, L. Gouskos, A. Hinzmann, S. Höche and B. T. Huffman, *et al.* Front. in Phys. **10**, 897719 (2022) doi:10.3389/fphy.2022.897719 [arXiv:2203.07462 [hep-ph]].
- [221] G. Aad *et al.* [ATLAS], JHEP **08**, 087 (2022) doi:10.1007/JHEP08(2022)087 [arXiv:2203.01808 [hep-ex]].
- [222] G. Aad *et al.* [ATLAS], JHEP **06**, 005 (2022) doi:10.1007/JHEP06(2022)005 [arXiv:2203.01009 [hep-ex]].
- [223] G. Aad *et al.* [ATLAS], Phys. Rev. D **106**, no.3, 032005 (2022) doi:10.1103/PhysRevD.106.032005 [arXiv:2203.00587 [hep-ex]].
- [224] G. Aad *et al.* [ATLAS], Phys. Rev. D **106**, no.3, 032008 (2022) doi:10.1103/PhysRevD.106.032008 [arXiv:2202.13901 [hep-ex]].
- [225] G. Aad *et al.* [ATLAS], JHEP **06**, 063 (2022) doi:10.1007/JHEP06(2022)063 [arXiv:2202.12134 [hep-ex]].
- [226] G. Aad *et al.* [ATLAS], JHEP **11**, 040 (2022) doi:10.1007/JHEP11(2022)040 [arXiv:2202.11382 [hep-ex]].
- [227] G. Aad *et al.* [ATLAS], JHEP **08**, 104 (2022) doi:10.1007/JHEP08(2022)104 [arXiv:2202.07953 [hep-ex]].
- [228] G. Aad *et al.* [ATLAS], Phys. Rev. D **105**, no.9, 092002 (2022) doi:10.1103/PhysRevD.105.092002 [arXiv:2202.07288 [hep-ex]].
- [229] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.11, 988 (2022) doi:10.1140/epjc/s10052-022-10785-0 [arXiv:2202.02039 [hep-ex]].
- [230] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.7, 608 (2022) doi:10.1140/epjc/s10052-022-10472-0 [arXiv:2202.02218 [hep-ex]].

- [231] G. Aad *et al.* [ATLAS], JHEP **08**, 027 (2022) doi:10.1007/JHEP08(2022)027 [arXiv:2202.00487 [hep-ex]].
- [232] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **129**, no.6, 061803 (2022) doi:10.1103/PhysRevLett.129.061803 [arXiv:2201.13045 [hep-ex]].
- [233] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, 717 (2022) doi:10.1140/epjc/s10052-022-10588-3 [arXiv:2201.11428 [hep-ex]].
- [234] G. Aad *et al.* [ATLAS], JHEP **08**, 175 (2022) doi:10.1007/JHEP08(2022)175 [arXiv:2201.08269 [hep-ex]].
- [235] G. Aad *et al.* [ATLAS], Phys. Rev. D **105**, no.9, 092012 (2022) doi:10.1103/PhysRevD.105.092012 [arXiv:2201.07045 [hep-ex]].
- [236] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.7, 606 (2022) doi:10.1140/epjc/s10052-022-10489-5 [arXiv:2201.02472 [hep-ex]].
- [237] G. Aad *et al.* [ATLAS], Phys. Rev. D **106**, no.5, 052001 (2022) doi:10.1103/PhysRevD.106.052001 [arXiv:2112.11876 [hep-ex]].
- [238] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.5, 438 (2022) doi:10.1140/epjc/s10052-022-10217-z [arXiv:2112.11266 [hep-ex]].
- [239] G. Aad *et al.* [ATLAS], JHEP **08**, 089 (2022) doi:10.1007/JHEP08(2022)089 [arXiv:2112.09588 [hep-ex]].
- [240] G. Aad *et al.* [ATLAS], Phys. Lett. B **830**, 137106 (2022) doi:10.1016/j.physletb.2022.137106 [arXiv:2112.08090 [hep-ex]].
- [241] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.4, 334 (2022) doi:10.1140/epjc/s10052-022-10182-7 [arXiv:2112.01302 [hep-ex]].
- [242] G. Aad *et al.* [ATLAS], Phys. Lett. B **829**, 137066 (2022) doi:10.1016/j.physletb.2022.137066 [arXiv:2111.08372 [hep-ex]].
- [243] G. Aad *et al.* [ATLAS], Phys. Rev. D **105**, no.9, 092003 (2022) doi:10.1103/PhysRevD.105.092003 [arXiv:2111.08340 [hep-ex]].
- [244] G. Aad *et al.* [ATLAS], Phys. Rev. C **105**, no.6, 064903 (2022) doi:10.1103/PhysRevC.105.064903 [arXiv:2111.06606 [nucl-ex]].
- [245] G. Aad *et al.* [ATLAS], JHEP **06**, 097 (2022) doi:10.1007/JHEP06(2022)097 [arXiv:2111.06712 [hep-ex]].
- [246] G. Aad *et al.* [ATLAS], JHEP **03**, 041 (2022) doi:10.1007/JHEP03(2022)041 [arXiv:2110.13673 [hep-ex]].
- [247] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.4, 374 (2022) doi:10.1140/epjc/s10052-022-10101-w [arXiv:2110.05453 [hep-ex]].
- [248] G. Aad *et al.* [ATLAS], Phys. Rev. D **105**, no.1, 012006 (2022) doi:10.1103/PhysRevD.105.012006 [arXiv:2110.00313 [hep-ex]].

- [249] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.7, 622 (2022) doi:10.1140/epjc/s10052-022-10366-1 [arXiv:2109.13808 [hep-ex]].
- [250] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.1, 95 (2022) doi:10.1140/epjc/s10052-021-09843-w [arXiv:2109.10627 [hep-ex]].
- [251] A. V. Kotwal, Sci. Rep. **11**, no.1, 18543 (2021) doi:10.1038/s41598-021-97848-6
- [252] G. Aad *et al.* [ATLAS], JHEP **01**, 063 (2022) doi:10.1007/JHEP01(2022)063 [arXiv:2109.02447 [hep-ex]].
- [253] G. Aad *et al.* [ATLAS], JINST **17**, no.01, P01013 (2022) doi:10.1088/1748-0221/17/01/P01013 [arXiv:2109.02591 [physics.ins-det]].
- [254] G. Aad *et al.* [ATLAS], Comput. Softw. Big Sci. **6**, no.1, 7 (2022) doi:10.1007/s41781-021-00079-7 [arXiv:2109.02551 [hep-ex]].
- [255] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.2, 105 (2022) doi:10.1140/epjc/s10052-021-09878-z [arXiv:2109.00925 [hep-ex]].
- [256] G. Aad *et al.* [ATLAS], Phys. Lett. B **829**, 137077 (2022) doi:10.1016/j.physletb.2022.137077 [arXiv:2109.00411 [nucl-ex]].
- [257] G. Aad *et al.* [ATLAS], JHEP **11**, 209 (2021) doi:10.1007/JHEP11(2021)209 [arXiv:2108.13391 [hep-ex]].
- [258] G. Aad *et al.* [ATLAS], JHEP **12**, 131 (2021) doi:10.1007/JHEP12(2021)131 [arXiv:2108.11650 [hep-ex]].
- [259] G. Aad *et al.* [ATLAS], Phys. Rev. D **105**, no.1, 012001 (2022) doi:10.1103/PhysRevD.105.012001 [arXiv:2108.09059 [hep-ex]].
- [260] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.3, 223 (2022) doi:10.1140/epjc/s10052-022-10117-2 [arXiv:2108.09043 [hep-ex]].
- [261] G. Aad *et al.* [ATLAS], Phys. Rev. D **104**, no.11, 112010 (2021) doi:10.1103/PhysRevD.104.112010 [arXiv:2108.07586 [hep-ex]].
- [262] G. Aad *et al.* [ATLAS], Phys. Rev. D **104**, no.11, 112005 (2021) doi:10.1103/PhysRevD.104.112005 [arXiv:2108.07665 [hep-ex]].
- [263] G. Aad *et al.* [ATLAS], JHEP **11**, 169 (2021) doi:10.1007/JHEP11(2021)169 [arXiv:2107.09330 [hep-ex]].
- [264] G. Aad *et al.* [ATLAS], JHEP **11**, 229 (2021) doi:10.1007/JHEP11(2021)229 [arXiv:2107.06092 [hep-ex]].
- [265] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **104**, no.9, 092002 (2021) doi:10.1103/PhysRevD.104.092002 [arXiv:2107.04678 [hep-ex]].
- [266] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.3, 206 (2022) doi:10.1140/epjc/s10052-021-09920-0 [arXiv:2107.02485 [hep-ex]].

- [267] G. Aad *et al.* [ATLAS], Phys. Lett. B **824**, 136832 (2022) doi:10.1016/j.physletb.2021.136832 [arXiv:2107.00404 [hep-ex]].
- [268] G. Aad *et al.* [ATLAS], JHEP **11**, 118 (2021) doi:10.1007/JHEP11(2021)118 [arXiv:2106.11683 [hep-ex]].
- [269] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.11, 1023 (2021) doi:10.1140/epjc/s10052-021-09761-x [arXiv:2106.09609 [hep-ex]].
- [270] G. Aad *et al.* [ATLAS], JINST **16**, P08025 (2021) doi:10.1088/1748-0221/16/08/P08025 [arXiv:2106.09287 [hep-ex]].
- [271] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.12, 1087 (2021) doi:10.1140/epjc/s10052-021-09775-5 [arXiv:2106.03584 [hep-ex]].
- [272] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.12, 1118 (2021) doi:10.1140/epjc/s10052-021-09749-7 [arXiv:2106.01676 [hep-ex]].
- [273] D. Buarque Franzosi, M. Gallinaro, R. Ruiz, T. K. Aarrestad, F. Cetorelli, M. Chiesa, A. Costantini, A. Denner, S. Dittmaier and R. Franken, *et al.* Rev. Phys. **8**, 100071 (2022) doi:10.1016/j.revip.2022.100071 [arXiv:2106.01393 [hep-ph]].
- [274] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **127**, no.14, 141801 (2021) doi:10.1103/PhysRevLett.127.141801 [arXiv:2105.13847 [hep-ex]].
- [275] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **127**, 271801 (2022) doi:10.1103/PhysRevLett.127.271801 [arXiv:2105.12491 [hep-ex]].
- [276] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **82**, no.1, 7 (2022) doi:10.1140/epjc/s10052-021-09807-0 [arXiv:2105.01416 [hep-ex]].
- [277] G. Aad *et al.* [ATLAS], JHEP **10**, 013 (2021) doi:10.1007/JHEP10(2021)013 [arXiv:2104.13240 [hep-ex]].
- [278] G. Aad *et al.* [ATLAS], JHEP **07**, 173 (2021) doi:10.1007/JHEP07(2021)173 [arXiv:2104.03050 [hep-ex]].
- [279] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.8, 737 (2021) doi:10.1140/epjc/s10052-021-09439-4 [arXiv:2103.12603 [hep-ex]].
- [280] G. Aad *et al.* [ATLAS], JHEP **07**, 167 (2021) doi:10.1007/JHEP07(2021)167 [arXiv:2103.11684 [hep-ex]].
- [281] G. Aad *et al.* [ATLAS], Phys. Lett. B **819**, 136412 (2021) doi:10.1016/j.physletb.2021.136412 [arXiv:2103.10322 [hep-ex]].
- [282] G. Aad *et al.* [ATLAS], JHEP **06**, 003 (2021) doi:10.1007/JHEP06(2021)003 [arXiv:2103.10319 [hep-ex]].
- [283] G. Aad *et al.* [ATLAS], Phys. Rev. D **104**, no.3, 032014 (2021) doi:10.1103/PhysRevD.104.032014 [arXiv:2103.08189 [hep-ex]].
- [284] G. Aad *et al.* [ATLAS], JHEP **07**, 005 (2021) doi:10.1007/JHEP07(2021)005 [arXiv:2103.01918 [hep-ex]].

- [285] G. Aad *et al.* [ATLAS], Phys. Lett. B **822**, 136651 (2021) doi:10.1016/j.physletb.2021.136651 [arXiv:2102.13405 [hep-ex]].
- [286] G. Aad *et al.* [ATLAS], JINST **16**, no.07, P07029 (2021) doi:10.1088/1748-0221/16/07/P07029 [arXiv:2103.01029 [physics.ins-det]].
- [287] G. Aad *et al.* [ATLAS], Phys. Rev. D **103**, no.11, 112006 (2021) doi:10.1103/PhysRevD.103.112006 [arXiv:2102.10874 [hep-ex]].
- [288] G. Aad *et al.* [ATLAS], JHEP **06**, 145 (2021) doi:10.1007/JHEP06(2021)145 [arXiv:2102.10076 [hep-ex]].
- [289] G. Aad *et al.* [ATLAS], Comput. Softw. Big Sci. **6**, no.1, 3 (2022) doi:10.1007/s41781-021-00062-2 [arXiv:2102.09495 [hep-ex]].
- [290] G. Aad *et al.* [ATLAS], JHEP **04**, 165 (2021) doi:10.1007/JHEP04(2021)165 [arXiv:2102.01444 [hep-ex]].
- [291] G. Aad *et al.* [ATLAS], JHEP **05**, 093 (2021) doi:10.1007/JHEP05(2021)093 [arXiv:2101.12527 [hep-ex]].
- [292] G. Aad *et al.* [ATLAS], JHEP **06**, 146 (2021) doi:10.1007/JHEP06(2021)146 [arXiv:2101.11961 [hep-ex]].
- [293] G. Aad *et al.* [ATLAS], JHEP **06**, 179 (2021) doi:10.1007/JHEP06(2021)179 [arXiv:2101.11582 [hep-ex]].
- [294] G. Aad *et al.* [ATLAS], Phys. Rev. C **104**, no.1, 014903 (2021) doi:10.1103/PhysRevC.104.014903 [arXiv:2101.10771 [nucl-ex]].
- [295] G. Aad *et al.* [ATLAS], JHEP **07**, 223 (2021) doi:10.1007/JHEP07(2021)223 [arXiv:2101.05095 [hep-ex]].
- [296] G. Aad *et al.* [ATLAS], JINST **16**, P07006 (2021) doi:10.1088/1748-0221/16/07/P07006 [arXiv:2101.05078 [physics.ins-det]].
- [297] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.7, 600 (2021) [erratum: Eur. Phys. J. C **81**, no.10, 956 (2021)] doi:10.1140/epjc/s10052-021-09748-8 [arXiv:2101.01629 [hep-ex]].
- [298] G. Aad *et al.* [ATLAS], JHEP **04**, 174 (2021) doi:10.1007/JHEP04(2021)174 [arXiv:2012.03799 [hep-ex]].
- [299] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.7, 578 (2021) doi:10.1140/epjc/s10052-021-09233-2 [arXiv:2012.00578 [hep-ex]].
- [300] G. Aad *et al.* [ATLAS], Phys. Rev. C **104**, 024906 (2021) doi:10.1103/PhysRevC.104.024906 [arXiv:2011.12211 [nucl-ex]].
- [301] G. Aad *et al.* [ATLAS], Phys. Rev. D **103**, no.11, 112003 (2021) doi:10.1103/PhysRevD.103.112003 [arXiv:2011.10543 [hep-ex]].
- [302] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, 860 (2021) doi:10.1140/epjc/s10052-021-09566-y [arXiv:2011.09308 [hep-ex]].

- [303] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.6, 537 (2021) doi:10.1140/epjc/s10052-021-09192-8 [arXiv:2011.08280 [hep-ex]].
- [304] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **127**, no.5, 051802 (2021) doi:10.1103/PhysRevLett.127.051802 [arXiv:2011.07812 [hep-ex]].
- [305] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.5, 396 (2021) doi:10.1140/epjc/s10052-021-09117-5 [arXiv:2011.05639 [hep-ex]].
- [306] G. Aad *et al.* [ATLAS], JHEP **02**, 226 (2021) doi:10.1007/JHEP02(2021)226 [arXiv:2011.05259 [hep-ex]].
- [307] G. Aad *et al.* [ATLAS], JHEP **02**, 143 (2021) doi:10.1007/JHEP02(2021)143 [arXiv:2010.14293 [hep-ex]].
- [308] G. Aad *et al.* [ATLAS], JHEP **03**, 268 (2021) doi:10.1007/JHEP03(2021)268 [arXiv:2010.13651 [hep-ex]].
- [309] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **126**, no.12, 121802 (2021) doi:10.1103/PhysRevLett.126.121802 [arXiv:2010.06548 [hep-ex]].
- [310] G. Aad *et al.* [ATLAS], Phys. Lett. B **816**, 136190 (2021) doi:10.1016/j.physletb.2021.136190 [arXiv:2010.04019 [hep-ex]].
- [311] G. Aad *et al.* [ATLAS], Nature Phys. **17**, no.7, 819-825 (2021) doi:10.1038/s41567-021-01225-z [arXiv:2010.02566 [hep-ex]].
- [312] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.4, 313 (2021) doi:10.1140/epjc/s10052-021-09009-8 [arXiv:2010.02098 [hep-ex]].
- [313] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.1, 11 (2021) [erratum: Eur. Phys. J. C **81**, no.3, 249 (2021)] doi:10.1140/epjc/s10052-020-08730-0 [arXiv:2010.01015 [hep-ex]].
- [314] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **125**, no.26, 261801 (2020) doi:10.1103/PhysRevLett.125.261801 [arXiv:2009.14537 [hep-ex]].
- [315] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.4, 332 (2021) doi:10.1140/epjc/s10052-021-09013-y [arXiv:2009.14791 [hep-ex]].
- [316] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.4, 334 (2021) doi:10.1140/epjc/s10052-021-09054-3 [arXiv:2009.04986 [hep-ex]].
- [317] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **126**, no.7, 072301 (2021) doi:10.1103/PhysRevLett.126.072301 [arXiv:2008.09811 [nucl-ex]].
- [318] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.3, 218 (2021) doi:10.1140/epjc/s10052-021-08929-9 [arXiv:2008.07949 [hep-ex]].
- [319] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **125**, 251802 (2020) doi:10.1103/PhysRevLett.125.251802 [arXiv:2008.05928 [hep-ex]].
- [320] G. Aad *et al.* [ATLAS], JHEP **10**, 062 (2020) doi:10.1007/JHEP10(2020)062 [arXiv:2008.06032 [hep-ex]].

- [321] G. Aad *et al.* [ATLAS], JHEP **03**, 243 (2021) [erratum: JHEP **11**, 050 (2021)] doi:10.1007/JHEP03(2021)243 [arXiv:2008.05355 [hep-ex]].
- [322] G. Aad *et al.* [ATLAS], Phys. Lett. B **816**, 136204 (2021) doi:10.1016/j.physletb.2021.136204 [arXiv:2008.02508 [hep-ex]].
- [323] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.8, 691 (2020) doi:10.1140/epjc/s10052-020-8050-3 [arXiv:1909.09226 [hep-ex]].
- [324] G. Aad *et al.* [ATLAS], JHEP **11**, 163 (2020) doi:10.1007/JHEP11(2020)163 [arXiv:2007.14811 [hep-ex]].
- [325] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.11, 1085 (2020) doi:10.1140/epjc/s10052-020-08509-3 [arXiv:2007.14858 [hep-ex]].
- [326] G. Aad *et al.* [ATLAS], Nature Phys. **17**, no.7, 813-818 (2021) doi:10.1038/s41567-021-01236-w [arXiv:2007.14040 [hep-ex]].
- [327] G. Aad *et al.* [ATLAS], JINST **15**, no.10, P10004 (2020) doi:10.1088/1748-0221/15/10/P10004 [arXiv:2007.12539 [physics.ins-det]].
- [328] G. Aad *et al.* [ATLAS], JHEP **01**, 188 (2021) [erratum: JHEP **12**, 053 (2021)] doi:10.1007/JHEP01(2021)188 [arXiv:2007.12600 [hep-ex]].
- [329] G. Aad *et al.* [ATLAS], Phys. Rev. D **102**, no.11, 112008 (2020) doi:10.1103/PhysRevD.102.112008 [arXiv:2007.05293 [hep-ex]].
- [330] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.12, 1194 (2020) doi:10.1140/epjc/s10052-020-08700-6 [arXiv:2007.07624 [hep-ex]].
- [331] G. Aad *et al.* [ATLAS], Phys. Lett. B **812**, 135980 (2021) doi:10.1016/j.physletb.2020.135980 [arXiv:2007.07830 [hep-ex]].
- [332] G. Aad *et al.* [ATLAS], JHEP **09**, 049 (2020) doi:10.1007/JHEP09(2020)049 [arXiv:2007.06946 [hep-ex]].
- [333] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.8, 689 (2021) doi:10.1140/epjc/s10052-021-09402-3 [arXiv:2007.02645 [hep-ex]].
- [334] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.2, 178 (2021) doi:10.1140/epjc/s10052-020-08677-2 [arXiv:2007.02873 [hep-ex]].
- [335] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.8, 720 (2021) doi:10.1140/epjc/s10052-021-09371-7 [arXiv:2007.01554 [hep-ex]].
- [336] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.2, 163 (2021) doi:10.1140/epjc/s10052-020-08734-w [arXiv:2006.15458 [hep-ex]].
- [337] G. Aad *et al.* [ATLAS], JHEP **11**, 005 (2020) [erratum: JHEP **04**, 142 (2021)] doi:10.1007/JHEP11(2020)005 [arXiv:2006.12946 [hep-ex]].
- [338] G. Aad *et al.* [ATLAS], Phys. Lett. B **810**, 135797 (2020) doi:10.1016/j.physletb.2020.135797 [arXiv:2006.13076 [hep-ex]].

- [339] G. Aad *et al.* [ATLAS], JHEP **01**, 033 (2021) doi:10.1007/JHEP01(2021)033 [arXiv:2006.09274 [hep-ex]].
- [340] G. Aad *et al.* [ATLAS], JHEP **10**, 112 (2020) doi:10.1007/JHEP10(2020)112 [arXiv:2006.05872 [hep-ex]].
- [341] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.11, 1080 (2020) doi:10.1140/epjc/s10052-020-08469-8 [arXiv:2006.05880 [hep-ex]].
- [342] G. Aad *et al.* [ATLAS], Phys. Rev. D **102**, no.11, 112006 (2020) doi:10.1103/PhysRevD.102.112006 [arXiv:2005.12236 [hep-ex]].
- [343] G. Aad *et al.* [ATLAS], JHEP **08**, 080 (2020) doi:10.1007/JHEP08(2020)080 [arXiv:2005.09554 [hep-ex]].
- [344] G. Aad *et al.* [ATLAS], JHEP **10**, 061 (2020) doi:10.1007/JHEP10(2020)061 [arXiv:2005.05138 [hep-ex]].
- [345] S. V. Chekanov, A. V. Kotwal, C. H. Yeh and S. S. Yu, JINST **15**, no.09, P09021 (2020) doi:10.1088/1748-0221/15/09/P09021 [arXiv:2005.05221 [physics.ins-det]].
- [346] G. Aad *et al.* [ATLAS], Phys. Lett. B **809**, 135754 (2020) doi:10.1016/j.physletb.2020.135754 [arXiv:2005.05382 [hep-ex]].
- [347] G. Aad *et al.* [ATLAS], JINST **15**, no.11, P11016 (2020) doi:10.1088/1748-0221/15/11/P11016 [arXiv:2005.04179 [physics.ins-det]].
- [348] G. Aad *et al.* [CMS and ATLAS], JHEP **08**, no.08, 051 (2020) doi:10.1007/JHEP08(2020)051 [arXiv:2005.03799 [hep-ex]].
- [349] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **125**, no.13, 131801 (2020) doi:10.1103/PhysRevLett.125.131801 [arXiv:2005.02983 [hep-ex]].
- [350] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.12, 1165 (2020) doi:10.1140/epjc/s10052-020-08554-y [arXiv:2004.14636 [hep-ex]].
- [351] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.8, 737 (2020) doi:10.1140/epjc/s10052-020-8102-8 [arXiv:2004.14060 [hep-ex]].
- [352] G. Aad *et al.* [ATLAS], JINST **15**, no.09, P09015 (2020) doi:10.1088/1748-0221/15/09/p09015 [arXiv:2004.13447 [physics.ins-det]].
- [353] G. Aad *et al.* [ATLAS], Nature Phys. **19**, no.2, 237-253 (2023) doi:10.1038/s41567-022-01757-y [arXiv:2004.10612 [hep-ex]].
- [354] G. Aad *et al.* [ATLAS], JHEP **10**, 005 (2020) doi:10.1007/JHEP10(2020)005 [arXiv:2004.10894 [hep-ex]].
- [355] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **125**, no.6, 061802 (2020) doi:10.1103/PhysRevLett.125.061802 [arXiv:2004.04545 [hep-ex]].
- [356] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.10, 942 (2020) doi:10.1140/epjc/s10052-020-8223-0 [arXiv:2004.03969 [hep-ex]].

- [357] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.10, 957 (2020) [erratum: Eur. Phys. J. C **81**, no.1, 29 (2021); erratum: Eur. Phys. J. C **81**, no.5, 398 (2021)] doi:10.1140/epjc/s10052-020-8227-9 [arXiv:2004.03447 [hep-ex]].
- [358] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **124**, no.22, 222002 (2020) doi:10.1103/PhysRevLett.124.222002 [arXiv:2004.03540 [hep-ex]].
- [359] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **125**, no.22, 221802 (2020) doi:10.1103/PhysRevLett.125.221802 [arXiv:2004.01678 [hep-ex]].
- [360] G. Aad *et al.* [ATLAS], JHEP **07**, 044 (2020) doi:10.1007/JHEP07(2020)044 [arXiv:2003.11960 [hep-ex]].
- [361] G. Aad *et al.* [ATLAS], Phys. Rev. D **102**, no.3, 032006 (2020) doi:10.1103/PhysRevD.102.032006 [arXiv:2003.11956 [hep-ex]].
- [362] G. Aad *et al.* [ATLAS], Phys. Lett. B **807**, 135595 (2020) doi:10.1016/j.physletb.2020.135595 [arXiv:2003.03565 [nucl-ex]].
- [363] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **125**, no.5, 051801 (2020) doi:10.1103/PhysRevLett.125.051801 [arXiv:2002.12223 [hep-ex]].
- [364] G. Aad *et al.* [ATLAS], JHEP **06**, 151 (2020) doi:10.1007/JHEP06(2020)151 [arXiv:2002.11325 [hep-ex]].
- [365] G. Aad *et al.* [ATLAS], JHEP **07**, 124 (2020) doi:10.1007/JHEP07(2020)124 [arXiv:2002.07546 [hep-ex]].
- [366] G. Aad *et al.* [ATLAS], Phys. Lett. B **805**, 135426 (2020) doi:10.1016/j.physletb.2020.135426 [arXiv:2002.05315 [hep-ex]].
- [367] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **81**, no.4, 342 (2021) doi:10.1140/epjc/s10052-021-09011-0 [arXiv:2001.07115 [hep-ex]].
- [368] G. Aad *et al.* [ATLAS], JHEP **07**, 108 (2020) [erratum: JHEP **01**, 145 (2021); erratum: JHEP **05**, 207 (2021)] doi:10.1007/JHEP07(2020)108 [arXiv:2001.05178 [hep-ex]].
- [369] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **126**, no.12, 122301 (2021) doi:10.1103/PhysRevLett.126.122301 [arXiv:2001.04201 [nucl-ex]].
- [370] G. Aad *et al.* [ATLAS], JHEP **23**, 082 (2020) doi:10.1007/JHEP10(2023)082 [arXiv:2307.08567 [hep-ex]].
- [371] G. Aad *et al.* [ATLAS], Phys. Rev. D **101**, no.5, 052007 (2020) doi:10.1103/PhysRevD.101.052007 [arXiv:1912.09837 [hep-ex]].
- [372] G. Aad *et al.* [ATLAS], JHEP **03**, 179 (2020) doi:10.1007/JHEP03(2020)179 [arXiv:1912.09866 [hep-ex]].
- [373] G. Aad *et al.* [ATLAS], Phys. Rev. D **101**, no.7, 072001 (2020) doi:10.1103/PhysRevD.101.072001 [arXiv:1912.08479 [hep-ex]].
- [374] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **104**, no.1, 012010 (2021) doi:10.1103/PhysRevD.104.012010 [arXiv:1912.02672 [hep-ex]].

- [375] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.7, 616 (2020) doi:10.1140/epjc/s10052-020-8001-z [arXiv:1912.02844 [hep-ex]].
- [376] G. Aad *et al.* [ATLAS], Phys. Rev. D **101**, no.5, 052013 (2020) doi:10.1103/PhysRevD.101.052013 [arXiv:1911.12575 [hep-ex]].
- [377] G. Aad *et al.* [ATLAS], Phys. Rev. D **101**, no.5, 052005 (2020) doi:10.1103/PhysRevD.101.052005 [arXiv:1911.12606 [hep-ex]].
- [378] G. Aad *et al.* [ATLAS], Phys. Rev. D **101**, no.3, 032009 (2020) doi:10.1103/PhysRevD.101.032009 [arXiv:1911.06660 [hep-ex]].
- [379] G. Aad *et al.* [ATLAS], Phys. Rev. C **101**, no.2, 024906 (2020) doi:10.1103/PhysRevC.101.024906 [arXiv:1911.04812 [nucl-ex]].
- [380] G. Aad *et al.* [ATLAS], JHEP **03**, 054 (2020) doi:10.1007/JHEP03(2020)054 [arXiv:1911.04813 [hep-ex]].
- [381] G. Aad *et al.* [ATLAS], JINST **15**, no.04, P04003 (2020) doi:10.1088/1748-0221/15/04/P04003 [arXiv:1911.04632 [physics.ins-det]].
- [382] G. Aad *et al.* [ATLAS], JHEP **02**, 042 (2020) [erratum: JHEP **10**, 182 (2020)] doi:10.1007/JHEP02(2020)042 [arXiv:1911.00453 [hep-ex]].
- [383] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.1, 73 (2020) doi:10.1140/epjc/s10052-020-7624-4 [arXiv:1910.13978 [nucl-ex]].
- [384] A. V. Kotwal, Nucl. Instrum. Meth. A **957**, 163427 (2020) doi:10.1016/j.nima.2020.163427 [arXiv:1910.14149 [physics.ins-det]].
- [385] G. Aad *et al.* [ATLAS], Phys. Lett. B **802**, 135262 (2020) doi:10.1016/j.physletb.2020.135262 [arXiv:1910.13396 [nucl-ex]].
- [386] G. Aad *et al.* [ATLAS], Phys. Lett. B **803**, 135341 (2020) doi:10.1016/j.physletb.2020.135341 [arXiv:1910.09503 [hep-ex]].
- [387] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.6, 528 (2020) doi:10.1140/epjc/s10052-020-7907-9 [arXiv:1910.08819 [hep-ex]].
- [388] G. Aad *et al.* [ATLAS], JHEP **03**, 145 (2020) doi:10.1007/JHEP03(2020)145 [arXiv:1910.08447 [hep-ex]].
- [389] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **80**, no.12, 1104 (2020) doi:10.1140/epjc/s10052-020-08477-8 [arXiv:1910.04482 [hep-ex]].
- [390] M. Aaboud *et al.* [ATLAS], JHEP **01**, 095 (2020) doi:10.1007/JHEP01(2020)095 [arXiv:1909.13626 [hep-ex]].
- [391] G. Aad *et al.* [ATLAS], Phys. Lett. B **801**, 135148 (2020) doi:10.1016/j.physletb.2019.135148 [arXiv:1909.10235 [hep-ex]].
- [392] G. Aad *et al.* [ATLAS], JHEP **06**, 046 (2020) doi:10.1007/JHEP06(2020)046 [arXiv:1909.08457 [hep-ex]].

- [393] G. Aad *et al.* [ATLAS], Phys. Rev. D **101**, no.1, 012002 (2020) doi:10.1103/PhysRevD.101.012002 [arXiv:1909.02845 [hep-ex]].
- [394] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **124**, no.8, 082301 (2020) doi:10.1103/PhysRevLett.124.082301 [arXiv:1909.01650 [nucl-ex]].
- [395] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.5, 450 (2020) doi:10.1140/epjc/s10052-020-7997-4 [arXiv:1909.01246 [hep-ex]].
- [396] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.1, 47 (2020) doi:10.1140/epjc/s10052-019-7500-2 [arXiv:1909.00761 [hep-ex]].
- [397] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **80**, no.2, 123 (2020) doi:10.1140/epjc/s10052-019-7594-6 [arXiv:1908.08215 [hep-ex]].
- [398] G. Aad *et al.* [ATLAS], Phys. Lett. B **800**, 135082 (2020) doi:10.1016/j.physletb.2019.135082 [arXiv:1908.08461 [hep-ex]].
- [399] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.12, 1028 (2019) [erratum: Eur. Phys. J. C **80**, no.11, 1092 (2020)] doi:10.1140/epjc/s10052-019-7525-6 [arXiv:1908.07305 [hep-ex]].
- [400] G. Aad *et al.* [ATLAS], Phys. Lett. B **801**, 135145 (2020) doi:10.1016/j.physletb.2019.135145 [arXiv:1908.06765 [hep-ex]].
- [401] G. Aad *et al.* [ATLAS], Phys. Rev. C **100**, no.6, 064901 (2019) [erratum: Phys. Rev. C **101**, no.5, 059903 (2020)] doi:10.1103/PhysRevC.100.064901 [arXiv:1908.05264 [nucl-ex]].
- [402] G. Aad *et al.* [ATLAS], JHEP **12**, 060 (2019) doi:10.1007/JHEP12(2019)060 [arXiv:1908.03122 [hep-ex]].
- [403] G. Aad *et al.* [ATLAS], JHEP **10**, 203 (2019) doi:10.1007/JHEP10(2019)203 [arXiv:1908.02746 [hep-ex]].
- [404] G. Aad *et al.* [ATLAS], JINST **14**, no.12, P12006 (2019) doi:10.1088/1748-0221/14/12/P12006 [arXiv:1908.00005 [hep-ex]].
- [405] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.12, 1017 (2019) doi:10.1140/epjc/s10052-019-7512-y [arXiv:1907.10862 [hep-ex]].
- [406] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.11, 935 (2019) doi:10.1140/epjc/s10052-019-7439-3 [arXiv:1907.10414 [nucl-ex]].
- [407] G. Aad *et al.* [ATLAS], Phys. Lett. B **801**, 135114 (2020) doi:10.1016/j.physletb.2019.135114 [arXiv:1907.10037 [hep-ex]].
- [408] G. Aad *et al.* [ATLAS], Phys. Lett. B **812**, 135991 (2021) doi:10.1016/j.physletb.2020.135991 [arXiv:1907.07093 [hep-ex]].
- [409] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.10, 847 (2019) doi:10.1140/epjc/s10052-019-7321-3 [arXiv:1907.06728 [hep-ex]].
- [410] G. Aad *et al.* [ATLAS], Phys. Lett. B **800**, 135069 (2020) doi:10.1016/j.physletb.2019.135069 [arXiv:1907.06131 [hep-ex]].

- [411] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.11, 970 (2019) doi:10.1140/epjc/s10052-019-7450-8 [arXiv:1907.05120 [hep-ex]].
- [412] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.12, 985 (2019) doi:10.1140/epjc/s10052-019-7489-6 [arXiv:1907.05176 [nucl-ex]].
- [413] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.11, 901 (2019) doi:10.1140/epjc/s10052-019-7399-7 [arXiv:1907.03567 [hep-ex]].
- [414] G. Aad *et al.* [ATLAS], Phys. Rev. D **102**, no.3, 032004 (2020) doi:10.1103/PhysRevD.102.032004 [arXiv:1907.02749 [hep-ex]].
- [415] G. Aad *et al.* [ATLAS], JINST **14**, no.09, P09011 (2019) doi:10.1088/1748-0221/14/09/P09011 [arXiv:1906.12226 [hep-ex]].
- [416] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.10, 836 (2019) doi:10.1140/epjc/s10052-019-7335-x [arXiv:1906.11005 [hep-ex]].
- [417] G. Aad *et al.* [ATLAS], Phys. Rev. D **100**, no.5, 052011 (2019) doi:10.1103/PhysRevD.100.052011 [arXiv:1906.09254 [hep-ex]].
- [418] G. Aad *et al.* [ATLAS], JHEP **09**, 091 (2019) [erratum: JHEP **06**, 042 (2020)] doi:10.1007/JHEP09(2019)091 [arXiv:1906.08589 [hep-ex]].
- [419] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **80**, no.1, 64 (2020) doi:10.1140/epjc/s10052-020-7606-6 [arXiv:1906.08290 [nucl-ex]].
- [420] G. Aad *et al.* [ATLAS], Phys. Rev. D **100**, no.5, 052013 (2019) doi:10.1103/PhysRevD.100.052013 [arXiv:1906.05609 [hep-ex]].
- [421] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **123**, no.16, 161801 (2019) doi:10.1103/PhysRevLett.123.161801 [arXiv:1906.03203 [hep-ex]].
- [422] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.9, 803 (2019) doi:10.1140/epjc/s10052-019-7295-1 [arXiv:1906.03204 [hep-ex]].
- [423] G. Aad *et al.* [ATLAS], Phys. Lett. B **800**, 135103 (2020) doi:10.1016/j.physletb.2019.135103 [arXiv:1906.02025 [hep-ex]].
- [424] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **124**, no.3, 031802 (2020) doi:10.1103/PhysRevLett.124.031802 [arXiv:1905.10130 [hep-ex]].
- [425] G. Aad *et al.* [ATLAS], JHEP **10**, 265 (2019) doi:10.1007/JHEP10(2019)265 [arXiv:1905.09787 [hep-ex]].
- [426] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.8, 666 (2019) doi:10.1140/epjc/s10052-019-7162-0 [arXiv:1905.09752 [hep-ex]].
- [427] G. Aad *et al.* [ATLAS], Phys. Rev. D **100**, no.3, 032007 (2019) doi:10.1103/PhysRevD.100.032007 [arXiv:1905.07714 [hep-ex]].
- [428] M. Aaboud *et al.* [ATLAS], JHEP **10**, 127 (2019) doi:10.1007/JHEP10(2019)127 [arXiv:1905.07163 [hep-ex]].

- [429] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.10, 884 (2019) doi:10.1140/epjc/s10052-019-7371-6 [arXiv:1905.04242 [hep-ex]].
- [430] M. Aaboud *et al.* [ATLAS], JINST **14**, no.06, P06012 (2019) doi:10.1088/1748-0221/14/06/P06012 [arXiv:1905.03739 [physics.ins-det]].
- [431] G. Aad *et al.* [ATLAS], JHEP **11**, 150 (2019) doi:10.1007/JHEP11(2019)150 [arXiv:1905.02302 [hep-ex]].
- [432] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **798**, 134942 (2019) doi:10.1016/j.physletb.2019.134942 [arXiv:1904.12679 [hep-ex]].
- [433] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **79**, no.9, 760 (2019) doi:10.1140/epjc/s10052-019-7199-0 [arXiv:1904.05631 [hep-ex]].
- [434] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **122**, no.23, 231801 (2019) doi:10.1103/PhysRevLett.122.231801 [arXiv:1904.05105 [hep-ex]].
- [435] M. Aaboud *et al.* [ATLAS], JHEP **01**, 051 (2020) doi:10.1007/JHEP01(2020)051 [arXiv:1904.04808 [nucl-ex]].
- [436] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **123**, no.5, 052001 (2019) doi:10.1103/PhysRevLett.123.052001 [arXiv:1904.03536 [hep-ex]].
- [437] G. Aad *et al.* [ATLAS], PoS **DIS2019**, 135 (2019) doi:10.22323/1.352.0135
- [438] G. Aad *et al.* [ATLAS], Phys. Lett. B **798**, 134913 (2019) doi:10.1016/j.physletb.2019.134913 [arXiv:1903.10415 [hep-ex]].
- [439] G. Aad *et al.* [ATLAS], Phys. Lett. B **798**, 134949 (2019) doi:10.1016/j.physletb.2019.134949 [arXiv:1903.10052 [hep-ex]].
- [440] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **80**, no.8, 754 (2020) doi:10.1140/epjc/s10052-020-8181-6 [arXiv:1903.07570 [hep-ex]].
- [441] G. Aad *et al.* [ATLAS], Phys. Lett. B **796**, 68-87 (2019) doi:10.1016/j.physletb.2019.07.016 [arXiv:1903.06248 [hep-ex]].
- [442] M. Aaboud *et al.* [ATLAS], JHEP **05**, 141 (2019) doi:10.1007/JHEP05(2019)141 [arXiv:1903.04618 [hep-ex]].
- [443] M. Aaboud *et al.* [ATLAS], JHEP **08**, 033 (2019) doi:10.1007/JHEP08(2019)033 [arXiv:1903.02942 [hep-ex]].
- [444] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **796**, 230-252 (2019) doi:10.1016/j.physletb.2019.07.031 [arXiv:1903.02209 [nucl-ex]].
- [445] M. Aaboud *et al.* [ATLAS], JHEP **05**, 142 (2019) doi:10.1007/JHEP05(2019)142 [arXiv:1903.01400 [hep-ex]].
- [446] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **123**, no.4, 042001 (2019) doi:10.1103/PhysRevLett.123.042001 [arXiv:1902.10007 [nucl-ex]].

- [447] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.9, 092004 (2019) doi:10.1103/PhysRevD.99.092004 [arXiv:1902.10077 [hep-ex]].
- [448] M. Aaboud *et al.* [ATLAS], JHEP **06**, 144 (2019) doi:10.1007/JHEP06(2019)144 [arXiv:1902.08103 [hep-ex]].
- [449] M. Aaboud *et al.* [ATLAS and CMS], JHEP **05**, 088 (2019) doi:10.1007/JHEP05(2019)088 [arXiv:1902.07158 [hep-ex]].
- [450] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.6, 535 (2019) doi:10.1140/epjc/s10052-019-7027-6 [arXiv:1902.05759 [hep-ex]].
- [451] M. Aaboud *et al.* [ATLAS], JHEP **04**, 048 (2019) doi:10.1007/JHEP04(2019)048 [arXiv:1902.05892 [hep-ex]].
- [452] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **99**, no.5, 052001 (2019) doi:10.1103/PhysRevD.99.052001 [arXiv:1902.04683 [hep-ex]].
- [453] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.8, 639 (2019) doi:10.1140/epjc/s10052-019-7140-6 [arXiv:1902.04655 [physics.ins-det]].
- [454] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.6, 481 (2019) doi:10.1140/epjc/s10052-019-6962-6 [arXiv:1902.03094 [hep-ex]].
- [455] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.9, 092007 (2019) doi:10.1103/PhysRevD.99.092007 [arXiv:1902.01636 [hep-ex]].
- [456] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.9, 733 (2019) doi:10.1140/epjc/s10052-019-7181-x [arXiv:1902.00377 [hep-ex]].
- [457] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **795**, 56-75 (2019) doi:10.1016/j.physletb.2019.03.067 [arXiv:1901.10917 [hep-ex]].
- [458] C. H. Yeh, S. V. Chekanov, A. V. Kotwal, J. Proudfoot, S. Sen, N. V. Tran and S. S. Yu, JINST **14**, no.05, P05008 (2019) doi:10.1088/1748-0221/14/05/P05008 [arXiv:1901.11146 [physics.ins-det]].
- [459] M. Aaboud *et al.* [ATLAS], Phys. Rev. C **100**, no.3, 034903 (2019) doi:10.1103/PhysRevC.100.034903 [arXiv:1901.10440 [nucl-ex]].
- [460] M. Aaboud *et al.* [ATLAS], JHEP **04**, 093 (2019) doi:10.1007/JHEP04(2019)093 [arXiv:1901.10075 [hep-ex]].
- [461] M. Aaboud *et al.* [ATLAS], JHEP **07**, 117 (2019) doi:10.1007/JHEP07(2019)117 [arXiv:1901.08144 [hep-ex]].
- [462] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.7, 072009 (2019) doi:10.1103/PhysRevD.99.072009 [arXiv:1901.03584 [hep-ex]].
- [463] M. Aaboud *et al.* [ATLAS], JHEP **05**, 123 (2019) doi:10.1007/JHEP05(2019)123 [arXiv:1812.11568 [hep-ex]].
- [464] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **793**, 469-492 (2019) doi:10.1016/j.physletb.2019.05.012 [arXiv:1812.09740 [hep-ex]].

- [465] M. Aaboud *et al.* [ATLAS], JHEP **05**, 041 (2019) doi:10.1007/JHEP05(2019)041 [arXiv:1812.09743 [hep-ex]].
- [466] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.5, 052004 (2019) doi:10.1103/PhysRevD.99.052004 [arXiv:1812.09283 [hep-ex]].
- [467] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **100**, no.1, 012006 (2019) doi:10.1103/PhysRevD.100.012006 [arXiv:1812.09432 [hep-ex]].
- [468] M. Aaboud *et al.* [ATLAS], JHEP **05**, 164 (2019) doi:10.1007/JHEP05(2019)164 [arXiv:1812.07343 [hep-ex]].
- [469] A. Abada *et al.* [FCC], Eur. Phys. J. ST **228**, no.5, 1109-1382 (2019) doi:10.1140/epjst/e2019-900088-6
- [470] A. Abada *et al.* [FCC], Eur. Phys. J. ST **228**, no.4, 755-1107 (2019) doi:10.1140/epjst/e2019-900087-0
- [471] A. Abada *et al.* [FCC], Eur. Phys. J. ST **228**, no.2, 261-623 (2019) doi:10.1140/epjst/e2019-900045-4
- [472] A. Abada *et al.* [FCC], Eur. Phys. J. C **79**, no.6, 474 (2019) doi:10.1140/epjc/s10052-019-6904-3
- [473] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.5, 052003 (2019) doi:10.1103/PhysRevD.99.052003 [arXiv:1812.03673 [hep-ex]].
- [474] M. Aaboud *et al.* [ATLAS], JINST **14**, no.03, P03017 (2019) doi:10.1088/1748-0221/14/03/P03017 [arXiv:1812.03848 [hep-ex]].
- [475] M. Aaboud *et al.* [ATLAS], JHEP **04**, 098 (2019) doi:10.1007/JHEP04(2019)098 [arXiv:1812.03017 [hep-ex]].
- [476] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.5, 382 (2019) doi:10.1140/epjc/s10052-019-6849-6 [arXiv:1812.01697 [hep-ex]].
- [477] M. Aaboud *et al.* [ATLAS], JHEP **04**, 046 (2019) doi:10.1007/JHEP04(2019)046 [arXiv:1811.12113 [hep-ex]].
- [478] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **790**, 595-614 (2019) doi:10.1016/j.physletb.2019.01.062 [arXiv:1811.11094 [hep-ex]].
- [479] M. Aaboud *et al.* [ATLAS], JHEP **05**, 124 (2019) doi:10.1007/JHEP05(2019)124 [arXiv:1811.11028 [hep-ex]].
- [480] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, 072001 (2019) doi:10.1103/PhysRevD.99.072001 [arXiv:1811.08856 [hep-ex]].
- [481] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.5, 052005 (2019) doi:10.1103/PhysRevD.99.052005 [arXiv:1811.07370 [hep-ex]].
- [482] M. Aaboud *et al.* [ATLAS], JHEP **04**, 092 (2019) doi:10.1007/JHEP04(2019)092 [arXiv:1811.04671 [hep-ex]].

- [483] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **122**, no.15, 151801 (2019) doi:10.1103/PhysRevLett.122.151801 [arXiv:1811.02542 [hep-ex]].
- [484] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.5, 052009 (2019) doi:10.1103/PhysRevD.99.052009 [arXiv:1811.02305 [hep-ex]].
- [485] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.2, 128 (2019) [erratum: Eur. Phys. J. C **79**, no.5, 374 (2019)] doi:10.1140/epjc/s10052-019-6622-x [arXiv:1810.08424 [hep-ex]].
- [486] M. Aaboud *et al.* [ATLAS], JHEP **12**, 010 (2018) doi:10.1007/JHEP12(2018)010 [arXiv:1810.04995 [hep-ex]].
- [487] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.3, 205 (2019) doi:10.1140/epjc/s10052-019-6650-6 [arXiv:1810.05087 [hep-ex]].
- [488] M. Aaboud *et al.* [ATLAS], JINST **13**, no.12, P12006 (2018) doi:10.1088/1748-0221/13/12/P12006 [arXiv:1810.04450 [hep-ex]].
- [489] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.4, 290 (2019) doi:10.1140/epjc/s10052-019-6757-9 [arXiv:1810.01772 [hep-ex]].
- [490] M. Aaboud *et al.* [ATLAS], JHEP **01**, 016 (2019) doi:10.1007/JHEP01(2019)016 [arXiv:1809.11105 [hep-ex]].
- [491] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **789**, 167-190 (2019) doi:10.1016/j.physletb.2018.12.023 [arXiv:1809.07280 [nucl-ex]].
- [492] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **793**, 499-519 (2019) doi:10.1016/j.physletb.2019.04.024 [arXiv:1809.06682 [hep-ex]].
- [493] A. V. Kotwal, Phys. Rev. D **98**, no.3, 033008 (2018) doi:10.1103/PhysRevD.98.033008
- [494] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.1, 012008 (2019) doi:10.1103/PhysRevD.99.012008 [arXiv:1808.10515 [hep-ex]].
- [495] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **789**, 508-529 (2019) doi:10.1016/j.physletb.2018.11.064 [arXiv:1808.09054 [hep-ex]].
- [496] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **786**, 59-86 (2018) doi:10.1016/j.physletb.2018.09.013 [arXiv:1808.08238 [hep-ex]].
- [497] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.5, 375 (2019) doi:10.1140/epjc/s10052-019-6847-8 [arXiv:1808.07858 [hep-ex]].
- [498] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.1, 012009 (2019) doi:10.1103/PhysRevD.99.012009 [arXiv:1808.06358 [hep-ex]].
- [499] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **788**, 96-116 (2019) doi:10.1016/j.physletb.2018.10.055 [arXiv:1808.04095 [hep-ex]].
- [500] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.12, 997 (2018) doi:10.1140/epjc/s10052-018-6468-7 [arXiv:1808.03951 [nucl-ex]].

- [501] M. Aaboud *et al.* [ATLAS], JHEP **11**, 085 (2018) doi:10.1007/JHEP11(2018)085 [arXiv:1808.03599 [hep-ex]].
- [502] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **99**, no.1, 012001 (2019) doi:10.1103/PhysRevD.99.012001 [arXiv:1808.03057 [hep-ex]].
- [503] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **98**, 112005 (2018) doi:10.1103/PhysRevD.98.112005 [arXiv:1808.02335 [hep-ex]].
- [504] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.5, 052008 (2018) doi:10.1103/PhysRevD.98.052008 [arXiv:1808.02380 [hep-ex]].
- [505] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **121**, no.21, 211801 (2018) doi:10.1103/PhysRevLett.121.211801 [arXiv:1808.02343 [hep-ex]].
- [506] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.9, 092005 (2018) doi:10.1103/PhysRevD.98.092005 [arXiv:1808.01771 [hep-ex]].
- [507] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.1, 58 (2019) doi:10.1140/epjc/s10052-018-6500-y [arXiv:1808.01899 [hep-ex]].
- [508] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **786**, 223-244 (2018) doi:10.1016/j.physletb.2018.09.048 [arXiv:1808.01191 [hep-ex]].
- [509] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **121**, no.19, 191801 (2018) [erratum: Phys. Rev. Lett. **122**, no.8, 089901 (2019)] doi:10.1103/PhysRevLett.121.191801 [arXiv:1808.00336 [hep-ex]].
- [510] M. Aaboud *et al.* [ATLAS], JHEP **12**, 039 (2018) doi:10.1007/JHEP12(2018)039 [arXiv:1807.11883 [hep-ex]].
- [511] M. Aaboud *et al.* [ATLAS], JHEP **10**, 180 (2018) doi:10.1007/JHEP10(2018)180 [arXiv:1807.11471 [hep-ex]].
- [512] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **788**, 347-370 (2019) doi:10.1016/j.physletb.2018.11.032 [arXiv:1807.10473 [hep-ex]].
- [513] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.2, 135 (2019) doi:10.1140/epjc/s10052-019-6632-8 [arXiv:1807.09477 [hep-ex]].
- [514] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.12, 1007 (2018) doi:10.1140/epjc/s10052-018-6457-x [arXiv:1807.08567 [hep-ex]].
- [515] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.5, 052003 (2018) doi:10.1103/PhysRevD.98.052003 [arXiv:1807.08639 [hep-ex]].
- [516] M. Aaboud *et al.* [ATLAS], JHEP **09**, 139 (2018) doi:10.1007/JHEP09(2018)139 [arXiv:1807.07915 [hep-ex]].
- [517] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **79**, no.2, 120 (2019) doi:10.1140/epjc/s10052-019-6540-y [arXiv:1807.07447 [hep-ex]].
- [518] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.9, 092008 (2018) doi:10.1103/PhysRevD.98.092008 [arXiv:1807.06573 [hep-ex]].

- [519] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.9, 784 (2018) doi:10.1140/epjc/s10052-018-6243-9 [arXiv:1807.05198 [nucl-ex]].
- [520] M. Aaboud *et al.* [ATLAS], JHEP **11**, 040 (2018) doi:10.1007/JHEP11(2018)040 [arXiv:1807.04873 [hep-ex]].
- [521] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **789**, 444-471 (2019) doi:10.1016/j.physletb.2018.11.065 [arXiv:1807.02012 [nucl-ex]].
- [522] T. Aaltonen *et al.* [CDF], Phys. Rev. D **98**, no.7, 072002 (2018) doi:10.1103/PhysRevD.98.072002 [arXiv:1807.01363 [hep-ex]].
- [523] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **790**, 1-21 (2019) doi:10.1016/j.physletb.2018.10.073 [arXiv:1807.00539 [hep-ex]].
- [524] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **786**, 134-155 (2018) doi:10.1016/j.physletb.2018.09.024 [arXiv:1807.00802 [hep-ex]].
- [525] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.11, 112010 (2018) doi:10.1103/PhysRevD.98.112010 [arXiv:1806.10555 [hep-ex]].
- [526] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **121**, no.21, 212301 (2018) doi:10.1103/PhysRevLett.121.212301 [arXiv:1806.08708 [nucl-ex]].
- [527] M. Aaboud *et al.* [ATLAS], JHEP **10**, 031 (2018) doi:10.1007/JHEP10(2018)031 [arXiv:1806.07355 [hep-ex]].
- [528] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **121**, no.15, 152002 (2018) doi:10.1103/PhysRevLett.121.152002 [arXiv:1806.04667 [hep-ex]].
- [529] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.9, 092002 (2018) doi:10.1103/PhysRevD.98.092002 [arXiv:1806.04030 [hep-ex]].
- [530] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.9, 092012 (2018) doi:10.1103/PhysRevD.98.092012 [arXiv:1806.02293 [hep-ex]].
- [531] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.12, 987 (2018) doi:10.1140/epjc/s10052-018-6374-z [arXiv:1806.02129 [hep-ex]].
- [532] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **787**, 68-88 (2018) doi:10.1016/j.physletb.2018.10.021 [arXiv:1806.01532 [hep-ex]].
- [533] M. Aaboud *et al.* [ATLAS], JHEP **08**, 048 (2018) doi:10.1007/JHEP08(2018)048 [arXiv:1806.01762 [hep-ex]].
- [534] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **784**, 345-366 (2018) doi:10.1016/j.physletb.2018.07.050 [arXiv:1806.00242 [hep-ex]].
- [535] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **784**, 173-191 (2018) doi:10.1016/j.physletb.2018.07.035 [arXiv:1806.00425 [hep-ex]].
- [536] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.8, 625 (2018) doi:10.1140/epjc/s10052-018-6081-9 [arXiv:1805.11381 [hep-ex]].

- [537] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **786**, 114-133 (2018) doi:10.1016/j.physletb.2018.09.019 [arXiv:1805.10197 [hep-ex]].
- [538] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, 032016 (2018) doi:10.1103/PhysRevD.98.032016 [arXiv:1805.09299 [hep-ex]].
- [539] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **790**, 108-128 (2019) doi:10.1016/j.physletb.2018.10.076 [arXiv:1805.05635 [nucl-ex]].
- [540] M. Aaboud *et al.* [ATLAS], Phys. Rev. C **98**, no.4, 044905 (2018) doi:10.1103/PhysRevC.98.044905 [arXiv:1805.05220 [nucl-ex]].
- [541] M. Aaboud *et al.* [ATLAS], Phys. Rev. C **98**, no.2, 024908 (2018) doi:10.1103/PhysRevC.98.024908 [arXiv:1805.05424 [nucl-ex]].
- [542] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.9, 092004 (2018) doi:10.1103/PhysRevD.98.092004 [arXiv:1805.04691 [hep-ex]].
- [543] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.9, 762 (2018) doi:10.1140/epjc/s10052-018-6219-9 [arXiv:1805.04077 [nucl-ex]].
- [544] M. Aaboud *et al.* [ATLAS], JHEP **10**, 047 (2018) doi:10.1007/JHEP10(2018)047 [arXiv:1805.04000 [hep-ex]].
- [545] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.3, 032002 (2018) doi:10.1103/PhysRevD.98.032002 [arXiv:1805.03483 [hep-ex]].
- [546] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.10, 847 (2018) doi:10.1140/epjc/s10052-018-6290-2 [arXiv:1805.02935 [hep-ex]].
- [547] M. Aaboud *et al.* [ATLAS], JHEP **08**, 089 (2018) doi:10.1007/JHEP08(2018)089 [arXiv:1805.01845 [hep-ex]].
- [548] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.3, 032015 (2018) doi:10.1103/PhysRevD.98.032015 [arXiv:1805.01908 [hep-ex]].
- [549] M. Aaboud *et al.* [ATLAS], JHEP **09**, 050 (2018) doi:10.1007/JHEP09(2018)050 [arXiv:1805.01649 [hep-ex]].
- [550] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.7, 565 (2018) doi:10.1140/epjc/s10052-018-5995-6 [arXiv:1804.10823 [hep-ex]].
- [551] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, 092010 (2018) doi:10.1103/PhysRevD.98.092010 [arXiv:1804.09568 [hep-ex]].
- [552] M. Aaboud *et al.* [ATLAS], JHEP **01**, 030 (2019) doi:10.1007/JHEP01(2019)030 [arXiv:1804.06174 [hep-ex]].
- [553] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **121**, no.8, 081801 (2018) doi:10.1103/PhysRevLett.121.081801 [arXiv:1804.03496 [hep-ex]].
- [554] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.3, 032009 (2018) doi:10.1103/PhysRevD.98.032009 [arXiv:1804.03602 [hep-ex]].

- [555] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **785**, 136-158 (2018) doi:10.1016/j.physletb.2018.08.021 [arXiv:1804.03568 [hep-ex]].
- [556] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **783**, 392-414 (2018) doi:10.1016/j.physletb.2018.07.006 [arXiv:1804.01126 [hep-ex]].
- [557] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **782**, 750-767 (2018) doi:10.1016/j.physletb.2018.06.011 [arXiv:1803.11145 [hep-ex]].
- [558] M. Aaboud *et al.* [ATLAS], JHEP **07**, 176 (2018) doi:10.1007/JHEP07(2018)176 [arXiv:1803.09923 [hep-ex]].
- [559] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.3, 032008 (2018) doi:10.1103/PhysRevD.98.032008 [arXiv:1803.10178 [hep-ex]].
- [560] M. Aaboud *et al.* [ATLAS], JHEP **07**, 089 (2018) doi:10.1007/JHEP07(2018)089 [arXiv:1803.09678 [hep-ex]].
- [561] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.12, 995 (2018) doi:10.1140/epjc/s10052-018-6423-7 [arXiv:1803.02762 [hep-ex]].
- [562] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.11, 903 (2018) doi:10.1140/epjc/s10052-018-6288-9 [arXiv:1802.08168 [hep-ex]].
- [563] M. Aaboud *et al.* [ATLAS], JHEP **10**, 159 (2018) doi:10.1007/JHEP10(2018)159 [arXiv:1802.06572 [hep-ex]].
- [564] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, 052005 (2018) doi:10.1103/PhysRevD.98.052005 [arXiv:1802.04146 [hep-ex]].
- [565] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **120**, no.21, 211802 (2018) doi:10.1103/PhysRevLett.120.211802 [arXiv:1802.04329 [hep-ex]].
- [566] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **97**, no.9, 092006 (2018) doi:10.1103/PhysRevD.97.092006 [arXiv:1802.03158 [hep-ex]].
- [567] M. Aaboud *et al.* [ATLAS], JHEP **06**, 166 (2018) doi:10.1007/JHEP06(2018)166 [arXiv:1802.03388 [hep-ex]].
- [568] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **120**, no.20, 202007 (2018) doi:10.1103/PhysRevLett.120.202007 [arXiv:1802.01840 [hep-ex]].
- [569] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **788**, 316-335 (2019) doi:10.1016/j.physletb.2018.09.062 [arXiv:1801.08769 [hep-ex]].
- [570] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **781**, 327-348 (2018) doi:10.1016/j.physletb.2018.03.036 [arXiv:1801.07893 [hep-ex]].
- [571] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **120**, no.16, 161802 (2018) doi:10.1103/PhysRevLett.120.161802 [arXiv:1801.06992 [hep-ex]].
- [572] T. A. Aaltonen *et al.* [CDF and D0], Phys. Rev. D **97**, no.11, 112007 (2018) doi:10.1103/PhysRevD.97.112007 [arXiv:1801.06283 [hep-ex]].

- [573] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **98**, no.1, 012003 (2018) doi:10.1103/PhysRevD.98.012003 [arXiv:1801.02052 [hep-ex]].
- [574] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **780**, 578-602 (2018) doi:10.1016/j.physletb.2018.03.035 [arXiv:1801.00112 [hep-ex]].
- [575] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **120**, no.20, 202006 (2018) doi:10.1103/PhysRevLett.120.202006 [arXiv:1712.09620 [hep-ex]].
- [576] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **97**, no.7, 072003 (2018) doi:10.1103/PhysRevD.97.072003 [arXiv:1712.08891 [hep-ex]].
- [577] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **97**, no.7, 072016 (2018) doi:10.1103/PhysRevD.97.072016 [arXiv:1712.08895 [hep-ex]].
- [578] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **97**, no.5, 052010 (2018) doi:10.1103/PhysRevD.97.052010 [arXiv:1712.08119 [hep-ex]].
- [579] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **781**, 55-76 (2018) doi:10.1016/j.physletb.2018.03.057 [arXiv:1712.07291 [hep-ex]].
- [580] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, 487 (2018) doi:10.1140/epjc/s10052-018-5904-z [arXiv:1712.06857 [hep-ex]].
- [581] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.4, 293 (2018) doi:10.1140/epjc/s10052-018-5686-3 [arXiv:1712.06386 [hep-ex]].
- [582] M. Aaboud *et al.* [ATLAS], JHEP **03**, 174 (2018) [erratum: JHEP **11**, 051 (2018)] doi:10.1007/JHEP03(2018)174 [arXiv:1712.06518 [hep-ex]].
- [583] M. Aaboud *et al.* [ATLAS], JHEP **07**, 127 (2018) doi:10.1007/JHEP07(2018)127 [arXiv:1712.02758 [hep-ex]].
- [584] M. Aaboud *et al.* [ATLAS], JHEP **06**, 022 (2018) doi:10.1007/JHEP06(2018)022 [arXiv:1712.02118 [hep-ex]].
- [585] M. Aaboud *et al.* [ATLAS], JHEP **03**, 095 (2018) doi:10.1007/JHEP03(2018)095 [arXiv:1712.02304 [hep-ex]].
- [586] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **97**, no.11, 112001 (2018) doi:10.1103/PhysRevD.97.112001 [arXiv:1712.02332 [hep-ex]].
- [587] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.3, 186 (2018) doi:10.1140/epjc/s10052-018-5649-8 [arXiv:1712.01602 [hep-ex]].
- [588] M. Aaboud *et al.* [ATLAS], JHEP **06**, 108 (2018) doi:10.1007/JHEP06(2018)108 [arXiv:1711.11520 [hep-ex]].
- [589] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **121**, no.9, 092001 (2018) doi:10.1103/PhysRevLett.121.092001 [arXiv:1711.08341 [hep-ex]].
- [590] M. Aaboud *et al.* [ATLAS], JHEP **05**, 077 (2018) [erratum: JHEP **10**, 048 (2020)] doi:10.1007/JHEP05(2018)077 [arXiv:1711.03296 [hep-ex]].

- [591] M. Aaboud *et al.* [ATLAS], JHEP **01**, 126 (2018) doi:10.1007/JHEP01(2018)126 [arXiv:1711.03301 [hep-ex]].
- [592] M. Aaboud *et al.* [ATLAS], JHEP **05**, 195 (2018) doi:10.1007/JHEP05(2018)195 [arXiv:1711.02692 [hep-ex]].
- [593] M. Aaboud *et al.* [ATLAS], JHEP **06**, 107 (2018) doi:10.1007/JHEP06(2018)107 [arXiv:1711.01901 [hep-ex]].
- [594] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.1, 18 (2018) doi:10.1140/epjc/s10052-017-5486-1 [arXiv:1710.11412 [hep-ex]].
- [595] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **776**, 295-317 (2018) doi:10.1016/j.physletb.2017.11.054 [arXiv:1710.09560 [hep-ex]].
- [596] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.3, 199 (2018) doi:10.1140/epjc/s10052-018-5661-z [arXiv:1710.09748 [hep-ex]].
- [597] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.3, 250 (2018) doi:10.1140/epjc/s10052-018-5693-4 [arXiv:1710.07171 [hep-ex]].
- [598] M. Aaboud *et al.* [ATLAS], JHEP **03**, 042 (2018) doi:10.1007/JHEP03(2018)042 [arXiv:1710.07235 [hep-ex]].
- [599] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **97**, no.3, 032003 (2018) doi:10.1103/PhysRevD.97.032003 [arXiv:1710.05544 [hep-ex]].
- [600] M. Aaboud *et al.* [ATLAS], JHEP **12**, 059 (2017) doi:10.1007/JHEP12(2017)059 [arXiv:1710.05167 [hep-ex]].
- [601] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **97**, no.5, 052012 (2018) doi:10.1103/PhysRevD.97.052012 [arXiv:1710.04901 [hep-ex]].
- [602] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **780**, 557-577 (2018) doi:10.1016/j.physletb.2018.03.023 [arXiv:1710.03659 [hep-ex]].
- [603] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.1, 24 (2018) doi:10.1140/epjc/s10052-017-5491-4 [arXiv:1710.01123 [hep-ex]].
- [604] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **775**, 206-228 (2017) doi:10.1016/j.physletb.2017.10.040 [arXiv:1709.10264 [hep-ex]].
- [605] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.2, 102 (2018) doi:10.1140/epjc/s10052-018-5553-2 [arXiv:1709.10440 [hep-ex]].
- [606] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.11, 804 (2017) doi:10.1140/epjc/s10052-017-5349-9 [arXiv:1709.09407 [hep-ex]].
- [607] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **97**, no.3, 032005 (2018) doi:10.1103/PhysRevD.97.032005 [arXiv:1709.07703 [hep-ex]].
- [608] M. Aaboud *et al.* [ATLAS], JHEP **01**, 055 (2018) doi:10.1007/JHEP01(2018)055 [arXiv:1709.07242 [hep-ex]].

- [609] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **96**, no.9, 092008 (2017) doi:10.1103/PhysRevD.96.092008 [arXiv:1709.07384 [hep-ex]].
- [610] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **779**, 24-45 (2018) doi:10.1016/j.physletb.2018.01.042 [arXiv:1709.06783 [hep-ex]].
- [611] M. Aaboud *et al.* [ATLAS and CMS], JHEP **04**, 033 (2018) doi:10.1007/JHEP04(2018)033 [arXiv:1709.05327 [hep-ex]].
- [612] T. A. Aaltonen *et al.* [CDF and D0], Phys. Rev. Lett. **120**, no.4, 042001 (2018) doi:10.1103/PhysRevLett.120.042001 [arXiv:1709.04894 [hep-ex]].
- [613] M. Aaboud *et al.* [ATLAS], JHEP **12**, 085 (2017) doi:10.1007/JHEP12(2017)085 [arXiv:1709.04183 [hep-ex]].
- [614] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.2, 129 (2018) doi:10.1140/epjc/s10052-018-5595-5 [arXiv:1709.04207 [hep-ex]].
- [615] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.2, 163 (2018) doi:10.1140/epjc/s10052-018-5619-1 [arXiv:1709.03490 [hep-ex]].
- [616] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.3, 171 (2018) doi:10.1140/epjc/s10052-018-5624-4 [arXiv:1709.03089 [nucl-ex]].
- [617] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.2, 142 (2018) doi:10.1140/epjc/s10052-018-5605-7 [arXiv:1709.02301 [nucl-ex]].
- [618] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **776**, 318-337 (2018) doi:10.1016/j.physletb.2017.11.049 [arXiv:1708.09624 [hep-ex]].
- [619] M. Aaboud *et al.* [ATLAS], JHEP **03**, 009 (2018) doi:10.1007/JHEP03(2018)009 [arXiv:1708.09638 [hep-ex]].
- [620] M. Aaboud *et al.* [ATLAS], JHEP **11**, 195 (2017) doi:10.1007/JHEP11(2017)195 [arXiv:1708.09266 [hep-ex]].
- [621] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **96**, no.11, 112010 (2017) doi:10.1103/PhysRevD.96.112010 [arXiv:1708.08232 [hep-ex]].
- [622] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.2, 154 (2018) doi:10.1140/epjc/s10052-018-5583-9 [arXiv:1708.07875 [hep-ex]].
- [623] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **777**, 91-113 (2018) doi:10.1016/j.physletb.2017.12.011 [arXiv:1708.04445 [hep-ex]].
- [624] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **777**, 303-323 (2018) doi:10.1016/j.physletb.2017.12.043 [arXiv:1708.04053 [hep-ex]].
- [625] M. Aaboud *et al.* [ATLAS], Phys. Rev. C **97**, no.2, 024904 (2018) doi:10.1103/PhysRevC.97.024904 [arXiv:1708.03559 [hep-ex]].
- [626] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.12, 898 (2017) doi:10.1140/epjc/s10052-017-5445-x [arXiv:1708.03247 [hep-ex]].

- [627] M. Aaboud *et al.* [ATLAS], JHEP **12**, 024 (2017) doi:10.1007/JHEP12(2017)024 [arXiv:1708.03299 [hep-ex]].
- [628] M. Aaboud *et al.* [ATLAS], JHEP **12**, 034 (2017) doi:10.1007/JHEP12(2017)034 [arXiv:1708.02794 [hep-ex]].
- [629] M. Aaboud *et al.* [ATLAS], JHEP **10**, 132 (2017) doi:10.1007/JHEP10(2017)132 [arXiv:1708.02810 [hep-ex]].
- [630] M. Aaboud *et al.* [ATLAS], JHEP **11**, 191 (2017) doi:10.1007/JHEP11(2017)191 [arXiv:1708.00727 [hep-ex]].
- [631] M. Aaboud *et al.* [ATLAS], JHEP **10**, 112 (2017) doi:10.1007/JHEP10(2017)112 [arXiv:1708.00212 [hep-ex]].
- [632] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **774**, 494-515 (2017) doi:10.1016/j.physletb.2017.09.066 [arXiv:1707.06958 [hep-ex]].
- [633] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **119**, no.19, 191803 (2017) doi:10.1103/PhysRevLett.119.191803 [arXiv:1707.06025 [hep-ex]].
- [634] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.9, 646 (2017) doi:10.1140/epjc/s10052-017-5180-3 [arXiv:1707.05597 [hep-ex]].
- [635] M. Aaboud *et al.* [ATLAS], JHEP **12**, 017 (2017) doi:10.1007/JHEP12(2017)017 [arXiv:1707.05393 [hep-ex]].
- [636] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **775**, 105-125 (2017) doi:10.1016/j.physletb.2017.10.039 [arXiv:1707.04147 [hep-ex]].
- [637] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.11, 765 (2017) doi:10.1140/epjc/s10052-017-5315-6 [arXiv:1707.03263 [hep-ex]].
- [638] M. Aaboud *et al.* [ATLAS], JHEP **10**, 141 (2017) doi:10.1007/JHEP10(2017)141 [arXiv:1707.03347 [hep-ex]].
- [639] M. Aaboud *et al.* [ATLAS], JINST **12**, no.12, P12009 (2017) doi:10.1088/1748-0221/12/12/P12009 [arXiv:1707.02826 [hep-ex]].
- [640] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.12, 872 (2017) doi:10.1140/epjc/s10052-017-5442-0 [arXiv:1707.02562 [hep-ex]].
- [641] M. Aaboud *et al.* [ATLAS], JHEP **10**, 182 (2017) doi:10.1007/JHEP10(2017)182 [arXiv:1707.02424 [hep-ex]].
- [642] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **119**, no.18, 181804 (2017) doi:10.1103/PhysRevLett.119.181804 [arXiv:1707.01302 [hep-ex]].
- [643] M. Aaboud *et al.* [ATLAS], JHEP **10**, 129 (2017) doi:10.1007/JHEP10(2017)129 [arXiv:1707.01404 [hep-ex]].
- [644] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **774**, 379-402 (2017) doi:10.1016/j.physletb.2017.09.078 [arXiv:1706.09363 [hep-ex]].

- [645] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.5, 401 (2018) doi:10.1140/epjc/s10052-018-5877-y [arXiv:1706.04786 [hep-ex]].
- [646] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **96**, no.11, 112004 (2017) doi:10.1103/PhysRevD.96.112004 [arXiv:1706.03948 [hep-ex]].
- [647] M. Aaboud *et al.* [ATLAS], JHEP **08**, 006 (2017) doi:10.1007/JHEP08(2017)006 [arXiv:1706.03986 [hep-ex]].
- [648] M. Aaboud *et al.* [ATLAS], JHEP **09**, 084 (2017) [erratum: JHEP **08**, 121 (2019)] doi:10.1007/JHEP09(2017)084 [arXiv:1706.03731 [hep-ex]].
- [649] M. Aaboud *et al.* [ATLAS], JHEP **09**, 020 (2017) doi:10.1007/JHEP09(2017)020 [arXiv:1706.03192 [hep-ex]].
- [650] M. Aaboud *et al.* [ATLAS], Nucl. Phys. A **978**, 65 (2018) doi:10.1016/j.nuclphysa.2018.07.006 [arXiv:1706.02859 [hep-ex]].
- [651] M. Aaboud *et al.* [ATLAS], JHEP **11**, 086 (2017) doi:10.1007/JHEP11(2017)086 [arXiv:1706.03046 [hep-ex]].
- [652] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.8, 563 (2017) doi:10.1140/epjc/s10052-017-5084-2 [arXiv:1706.01702 [hep-ex]].
- [653] M. Aaboud *et al.* [ATLAS], JHEP **08**, 052 (2017) doi:10.1007/JHEP08(2017)052 [arXiv:1705.10751 [hep-ex]].
- [654] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **119**, no.5, 051802 (2017) doi:10.1103/PhysRevLett.119.051802 [arXiv:1705.04582 [hep-ex]].
- [655] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.6, 428 (2017) doi:10.1140/epjc/s10052-017-4988-1 [arXiv:1705.04176 [hep-ex]].
- [656] M. Aaboud *et al.* [ATLAS], JHEP **11**, 062 (2017) doi:10.1007/JHEP11(2017)062 [arXiv:1705.03374 [hep-ex]].
- [657] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.9, 580 (2017) [erratum: Eur. Phys. J. C **77**, no.10, 712 (2017)] doi:10.1140/epjc/s10052-017-5081-5 [arXiv:1705.02211 [hep-ex]].
- [658] M. Aaboud *et al.* [ATLAS], JHEP **07**, 107 (2017) doi:10.1007/JHEP07(2017)107 [arXiv:1705.01966 [hep-ex]].
- [659] M. Aaboud *et al.* [ATLAS], JHEP **09**, 088 (2017) doi:10.1007/JHEP09(2017)088 [arXiv:1704.08493 [hep-ex]].
- [660] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.10, 673 (2017) doi:10.1140/epjc/s10052-017-5225-7 [arXiv:1704.07983 [hep-ex]].
- [661] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **95**, no.11, 112005 (2017) doi:10.1103/PhysRevD.95.112005 [arXiv:1704.03839 [hep-ex]].
- [662] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.6, 393 (2017) doi:10.1140/epjc/s10052-017-4965-8 [arXiv:1704.03848 [hep-ex]].

- [663] M. Aaboud *et al.* [ATLAS], JHEP **08**, 026 (2017) doi:10.1007/JHEP08(2017)026 [arXiv:1704.01530 [hep-ex]].
- [664] M. Aaboud *et al.* [ATLAS], Phys. Rev. C **96**, no.6, 064908 (2017) doi:10.1103/PhysRevC.96.064908 [arXiv:1704.01621 [hep-ex]].
- [665] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.7, 466 (2017) doi:10.1140/epjc/s10052-017-5031-2 [arXiv:1703.10485 [hep-ex]].
- [666] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **96**, no.7, 072002 (2017) doi:10.1103/PhysRevD.96.072002 [arXiv:1703.09665 [hep-ex]].
- [667] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **96**, no.5, 052004 (2017) doi:10.1103/PhysRevD.96.052004 [arXiv:1703.09127 [hep-ex]].
- [668] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.7, 474 (2017) doi:10.1140/epjc/s10052-017-5007-2 [arXiv:1703.04362 [hep-ex]].
- [669] T. Aaltonen *et al.* [CDF], Phys. Rev. D **96**, 092003 (2017) doi:10.1103/PhysRevD.96.092003 [arXiv:1703.00599 [hep-ex]].
- [670] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **95**, no.7, 072003 (2017) doi:10.1103/PhysRevD.95.072003 [arXiv:1702.08839 [hep-ex]].
- [671] M. Aaboud *et al.* [ATLAS], JHEP **04**, 124 (2017) doi:10.1007/JHEP04(2017)124 [arXiv:1702.08309 [hep-ex]].
- [672] M. Aaboud *et al.* [ATLAS], JHEP **09**, 118 (2017) doi:10.1007/JHEP09(2017)118 [arXiv:1702.07546 [hep-ex]].
- [673] M. Aaboud *et al.* [ATLAS], JINST **12**, no.05, P05002 (2017) doi:10.1088/1748-0221/12/05/P05002 [arXiv:1702.06473 [hep-ex]].
- [674] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.6, 361 (2017) doi:10.1140/epjc/s10052-017-4900-z [arXiv:1702.05725 [hep-ex]].
- [675] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **773**, 354-374 (2017) doi:10.1016/j.physletb.2017.08.047 [arXiv:1702.04519 [hep-ex]].
- [676] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.8, 531 (2017) doi:10.1140/epjc/s10052-017-5061-9 [arXiv:1702.02859 [hep-ex]].
- [677] M. Aaboud *et al.* [ATLAS], Nature Phys. **13**, no.9, 852-858 (2017) doi:10.1038/nphys4208 [arXiv:1702.01625 [hep-ex]].
- [678] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.6, 379 (2017) doi:10.1140/epjc/s10052-017-4915-5 [arXiv:1702.00674 [hep-ex]].
- [679] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **78**, no.2, 110 (2018) [erratum: Eur. Phys. J. C **78**, no.11, 898 (2018)] doi:10.1140/epjc/s10052-017-5475-4 [arXiv:1701.07240 [hep-ex]].
- [680] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **770**, 473-493 (2017) doi:10.1016/j.physletb.2017.04.072 [arXiv:1701.06882 [hep-ex]].

- [681] M. Aaboud *et al.* [ATLAS], JHEP **03**, 157 (2017) doi:10.1007/JHEP03(2017)157 [arXiv:1701.05390 [hep-ex]].
- [682] M. Aaboud *et al.* [ATLAS], JHEP **03**, 113 (2017) doi:10.1007/JHEP03(2017)113 [arXiv:1612.07004 [hep-ex]].
- [683] M. Aaboud *et al.* [ATLAS], JHEP **01**, 063 (2018) doi:10.1007/JHEP01(2018)063 [arXiv:1612.07231 [hep-ex]].
- [684] S. V. Chekanov, M. Beydler, A. V. Kotwal, L. Gray, S. Sen, N. V. Tran, S. S. Yu and J. Zuzelski, JINST **12**, no.06, P06009 (2017) doi:10.1088/1748-0221/12/06/P06009 [arXiv:1612.07291 [hep-ex]].
- [685] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.5, 292 (2017) doi:10.1140/epjc/s10052-017-4821-x [arXiv:1612.05220 [hep-ex]].
- [686] M. Aaboud *et al.* [ATLAS], JHEP **02**, 117 (2017) doi:10.1007/JHEP02(2017)117 [arXiv:1612.03636 [hep-ex]].
- [687] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.2, 76 (2017) doi:10.1140/epjc/s10052-017-4644-9 [arXiv:1612.02950 [hep-ex]].
- [688] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.6, 367 (2017) doi:10.1140/epjc/s10052-017-4911-9 [arXiv:1612.03016 [hep-ex]].
- [689] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.4, 264 (2017) [erratum: Eur. Phys. J. C **79**, no.1, 19 (2019)] doi:10.1140/epjc/s10052-017-4819-4 [arXiv:1612.02577 [hep-ex]].
- [690] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.3, 195 (2017) doi:10.1140/epjc/s10052-017-4756-2 [arXiv:1612.01456 [hep-ex]].
- [691] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.5, 332 (2017) doi:10.1140/epjc/s10052-017-4887-5 [arXiv:1611.10235 [physics.ins-det]].
- [692] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.5, 317 (2017) doi:10.1140/epjc/s10052-017-4852-3 [arXiv:1611.09661 [hep-ex]].
- [693] M. Aaboud *et al.* [ATLAS], Nucl. Phys. B **918**, 257-316 (2017) doi:10.1016/j.nuclphysb.2017.03.006 [arXiv:1611.06586 [hep-ex]].
- [694] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.3, 144 (2017) doi:10.1140/epjc/s10052-017-4700-5 [arXiv:1611.05791 [hep-ex]].
- [695] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **96**, no.1, 012007 (2017) doi:10.1103/PhysRevD.96.012007 [arXiv:1611.02428 [hep-ex]].
- [696] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.4, 220 (2017) doi:10.1140/epjc/s10052-017-4766-0 [arXiv:1610.09978 [hep-ex]].
- [697] M. Aaboud *et al.* [ATLAS], JHEP **01**, 117 (2017) doi:10.1007/JHEP01(2017)117 [arXiv:1610.09303 [hep-ex]].
- [698] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **95**, no.9, 092006 (2017) doi:10.1103/PhysRevD.95.092006 [arXiv:1610.08989 [hep-ex]].

- [699] M. Aaboud *et al.* [ATLAS], JHEP **02**, 071 (2017) doi:10.1007/JHEP02(2017)071 [arXiv:1610.07869 [hep-ex]].
- [700] M. Aaboud *et al.* [ATLAS], JHEP **01**, 099 (2017) doi:10.1007/JHEP01(2017)099 [arXiv:1610.07585 [hep-ex]].
- [701] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.3, 141 (2017) doi:10.1140/epjc/s10052-017-4692-1 [arXiv:1610.05088 [hep-ex]].
- [702] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **77**, no.4, 241 (2017) doi:10.1140/epjc/s10052-017-4780-2 [arXiv:1609.09324 [hep-ex]].
- [703] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **765**, 132-153 (2017) doi:10.1016/j.physletb.2016.12.005 [arXiv:1609.07045 [hep-ex]].
- [704] M. Aaboud *et al.* [ATLAS], Phys. Rev. C **96**, no.2, 024908 (2017) doi:10.1103/PhysRevC.96.024908 [arXiv:1609.06213 [nucl-ex]].
- [705] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **95**, no.3, 032001 (2017) doi:10.1103/PhysRevD.95.032001 [arXiv:1609.05122 [hep-ex]].
- [706] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **765**, 11-31 (2017) doi:10.1016/j.physletb.2016.11.035 [arXiv:1609.04572 [hep-ex]].
- [707] M. Aaboud *et al.* [ATLAS], JINST **11**, no.11, P11020 (2016) doi:10.1088/1748-0221/11/11/P11020 [arXiv:1609.04305 [hep-ex]].
- [708] M. Aaboud *et al.* [ATLAS], JHEP **04**, 086 (2017) doi:10.1007/JHEP04(2017)086 [arXiv:1609.03920 [hep-ex]].
- [709] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.1, 40 (2017) doi:10.1140/epjc/s10052-016-4574-y [arXiv:1609.01599 [hep-ex]].
- [710] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.12, 653 (2016) doi:10.1140/epjc/s10052-016-4466-1 [arXiv:1608.03953 [hep-ex]].
- [711] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **763**, 114-133 (2016) doi:10.1016/j.physletb.2016.10.014 [arXiv:1608.03086 [hep-ex]].
- [712] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **763**, 251-268 (2016) doi:10.1016/j.physletb.2016.10.042 [arXiv:1608.02372 [hep-ex]].
- [713] M. Aaboud *et al.* [ATLAS], JHEP **11**, 110 (2016) doi:10.1007/JHEP11(2016)110 [arXiv:1608.01857 [hep-ex]].
- [714] M. Aaboud *et al.* [ATLAS], JHEP **09**, 175 (2016) doi:10.1007/JHEP09(2016)175 [arXiv:1608.00872 [hep-ex]].
- [715] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.11, 585 (2016) doi:10.1140/epjc/s10052-016-4400-6 [arXiv:1608.00890 [hep-ex]].
- [716] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **77**, no.1, 26 (2017) doi:10.1140/epjc/s10052-016-4580-0 [arXiv:1607.08842 [hep-ex]].

- [717] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.12, 670 (2016) doi:10.1140/epjc/s10052-016-4521-y [arXiv:1607.08430 [hep-ex]].
- [718] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.10, 541 (2016) doi:10.1140/epjc/s10052-016-4385-1 [arXiv:1607.08079 [hep-ex]].
- [719] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **94**, no.9, 092003 (2016) doi:10.1103/PhysRevD.94.092003 [arXiv:1607.07281 [hep-ex]].
- [720] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **761**, 158-178 (2016) doi:10.1016/j.physletb.2016.08.020 [arXiv:1607.06605 [hep-ex]].
- [721] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **764**, 11-30 (2017) doi:10.1016/j.physletb.2016.11.005 [arXiv:1607.06363 [hep-ex]].
- [722] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.12, 683 (2016) doi:10.1140/epjc/s10052-016-4481-2 [arXiv:1607.05979 [hep-ex]].
- [723] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **765**, 32-52 (2017) doi:10.1016/j.physletb.2016.11.045 [arXiv:1607.05621 [hep-ex]].
- [724] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **761**, 372-392 (2016) doi:10.1016/j.physletb.2016.08.055 [arXiv:1607.03669 [hep-ex]].
- [725] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **94**, no.3, 032011 (2016) doi:10.1103/PhysRevD.94.032011 [arXiv:1607.03745 [hep-ex]].
- [726] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **117**, no.11, 111802 (2016) doi:10.1103/PhysRevLett.117.111802 [arXiv:1607.03400 [hep-ex]].
- [727] M. Aaboud *et al.* [ATLAS], JHEP **09**, 074 (2016) doi:10.1007/JHEP09(2016)074 [arXiv:1606.09490 [hep-ex]].
- [728] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.9, 517 (2016) doi:10.1140/epjc/s10052-016-4344-x [arXiv:1606.09150 [hep-ex]].
- [729] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.10, 547 (2016) doi:10.1140/epjc/s10052-016-4382-4 [arXiv:1606.08772 [hep-ex]].
- [730] M. Aaboud *et al.* [ATLAS], Phys. Rev. C **95**, no.6, 064914 (2017) doi:10.1103/PhysRevC.95.064914 [arXiv:1606.08170 [hep-ex]].
- [731] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.11, 605 (2016) doi:10.1140/epjc/s10052-016-4418-9 [arXiv:1606.08391 [hep-ex]].
- [732] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.10, 526 (2016) doi:10.1140/epjc/s10052-016-4325-0 [arXiv:1606.07759 [hep-ex]].
- [733] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **94**, no.3, 032008 (2016) doi:10.1103/PhysRevD.94.032008 [arXiv:1606.06823 [hep-ex]].
- [734] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **760**, 647-665 (2016) doi:10.1016/j.physletb.2016.07.042 [arXiv:1606.05129 [hep-ex]].

- [735] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **94**, no.5, 052002 (2016) doi:10.1103/PhysRevD.94.052002 [arXiv:1606.04782 [hep-ex]].
- [736] M. Aaboud *et al.* [ATLAS], JHEP **09**, 173 (2016) doi:10.1007/JHEP09(2016)173 [arXiv:1606.04833 [hep-ex]].
- [737] M. Aaboud *et al.* [ATLAS], JHEP **09**, 001 (2016) doi:10.1007/JHEP09(2016)001 [arXiv:1606.03833 [hep-ex]].
- [738] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **94**, no.5, 052009 (2016) doi:10.1103/PhysRevD.94.052009 [arXiv:1606.03903 [hep-ex]].
- [739] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **762**, 334-352 (2016) doi:10.1016/j.physletb.2016.09.040 [arXiv:1606.03977 [hep-ex]].
- [740] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **762**, 1-22 (2016) doi:10.1016/j.physletb.2016.08.052 [arXiv:1606.04017 [hep-ex]].
- [741] M. Aaboud *et al.* [ATLAS], Phys. Rev. Lett. **117**, no.18, 182002 (2016) doi:10.1103/PhysRevLett.117.182002 [arXiv:1606.02625 [hep-ex]].
- [742] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **761**, 136-157 (2016) [erratum: Phys. Lett. B **772**, 879-879 (2017)] doi:10.1016/j.physletb.2016.08.019 [arXiv:1606.02699 [hep-ex]].
- [743] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **761**, 350-371 (2016) doi:10.1016/j.physletb.2016.08.042 [arXiv:1606.02179 [hep-ex]].
- [744] M. Aaboud *et al.* [ATLAS], JHEP **11**, 112 (2016) doi:10.1007/JHEP11(2016)112 [arXiv:1606.02181 [hep-ex]].
- [745] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **760**, 520-537 (2016) doi:10.1016/j.physletb.2016.07.030 [arXiv:1606.02265 [hep-ex]].
- [746] G. Aad *et al.* [ATLAS and CMS], JHEP **08**, 045 (2016) doi:10.1007/JHEP08(2016)045 [arXiv:1606.02266 [hep-ex]].
- [747] G. Aad *et al.* [ATLAS], JHEP **08**, 009 (2016) doi:10.1007/JHEP08(2016)009 [arXiv:1606.01736 [hep-ex]].
- [748] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.12, 666 (2016) doi:10.1140/epjc/s10052-016-4507-9 [arXiv:1606.01813 [hep-ex]].
- [749] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.9, 502 (2016) doi:10.1140/epjc/s10052-016-4335-y [arXiv:1606.01133 [hep-ex]].
- [750] G. Aad *et al.* [ATLAS], JHEP **08**, 159 (2016) doi:10.1007/JHEP08(2016)159 [arXiv:1606.00689 [hep-ex]].
- [751] G. Aad *et al.* [ATLAS], Phys. Rev. D **94**, no.3, 032003 (2016) doi:10.1103/PhysRevD.94.032003 [arXiv:1605.09318 [hep-ex]].
- [752] M. Aaboud *et al.* [ATLAS], JHEP **06**, 081 (2016) doi:10.1007/JHEP06(2016)081 [arXiv:1605.07485 [hep-ex]].

- [753] G. Aad *et al.* [ATLAS], Phys. Lett. B **763**, 313-336 (2016) doi:10.1016/j.physletb.2016.10.053 [arXiv:1605.06436 [hep-ex]].
- [754] M. Aaboud *et al.* [ATLAS], New J. Phys. **18**, no.9, 093016 (2016) doi:10.1088/1367-2630/18/9/093016 [arXiv:1605.06035 [hep-ex]].
- [755] A. V. Kotwal, M. J. Ramsey-Musolf, J. M. No and P. Winslow, Phys. Rev. D **94**, no.3, 035022 (2016) doi:10.1103/PhysRevD.94.035022 [arXiv:1605.06123 [hep-ph]].
- [756] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.10, 565 (2016) doi:10.1140/epjc/s10052-016-4397-x [arXiv:1605.04285 [hep-ex]].
- [757] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.7, 392 (2016) doi:10.1140/epjc/s10052-016-4184-8 [arXiv:1605.03814 [hep-ex]].
- [758] G. Aad *et al.* [ATLAS], JHEP **08**, 005 (2016) doi:10.1007/JHEP08(2016)005 [arXiv:1605.03495 [hep-ex]].
- [759] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **93**, no.11, 112016 (2016) doi:10.1103/PhysRevD.93.112016 [arXiv:1605.02719 [hep-ex]].
- [760] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **77**, no.2, 70 (2017) doi:10.1140/epjc/s10052-017-4624-0 [arXiv:1604.07730 [hep-ex]].
- [761] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **94**, no.3, 032005 (2016) doi:10.1103/PhysRevD.94.032005 [arXiv:1604.07773 [hep-ex]].
- [762] G. Aad *et al.* [ATLAS], Phys. Rev. D **94**, no.3, 032006 (2016) doi:10.1103/PhysRevD.94.032006 [arXiv:1604.05538 [hep-ex]].
- [763] G. Aad *et al.* [ATLAS], Phys. Rev. D **93**, no.11, 112002 (2016) doi:10.1103/PhysRevD.93.112002 [arXiv:1604.05232 [hep-ex]].
- [764] M. Aaboud *et al.* [ATLAS], Phys. Rev. D **93**, no.11, 112015 (2016) doi:10.1103/PhysRevD.93.112015 [arXiv:1604.04520 [hep-ex]].
- [765] M. Aaboud *et al.* [ATLAS], Eur. Phys. J. C **76**, no.9, 513 (2016) doi:10.1140/epjc/s10052-016-4338-8 [arXiv:1604.04263 [hep-ex]].
- [766] G. Aad *et al.* [ATLAS], JHEP **05**, 160 (2016) doi:10.1007/JHEP05(2016)160 [arXiv:1604.03812 [hep-ex]].
- [767] G. Aad *et al.* [ATLAS], JHEP **08**, 104 (2016) doi:10.1007/JHEP08(2016)104 [arXiv:1604.02997 [hep-ex]].
- [768] M. Aaboud *et al.* [ATLAS], JHEP **06**, 059 (2016) doi:10.1007/JHEP06(2016)059 [arXiv:1604.01306 [hep-ex]].
- [769] G. Aad *et al.* [ATLAS], JINST **11**, no.05, P05013 (2016) doi:10.1088/1748-0221/11/05/P05013 [arXiv:1603.09202 [hep-ex]].
- [770] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **759**, 555-574 (2016) doi:10.1016/j.physletb.2016.06.017 [arXiv:1603.09203 [hep-ex]].

- [771] G. Aad *et al.* [ATLAS], Phys. Lett. B **759**, 601-621 (2016) doi:10.1016/j.physletb.2016.06.023 [arXiv:1603.09222 [hep-ex]].
- [772] M. Aaboud *et al.* [ATLAS], Phys. Lett. B **759**, 229-246 (2016) doi:10.1016/j.physletb.2016.05.064 [arXiv:1603.08791 [hep-ex]].
- [773] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.5, 292 (2016) doi:10.1140/epjc/s10052-016-4120-y [arXiv:1603.05598 [hep-ex]].
- [774] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **77**, 490 (2017) doi:10.1140/epjc/s10052-017-5004-5 [arXiv:1603.02934 [hep-ex]].
- [775] G. Aad *et al.* [ATLAS], JHEP **06**, 093 (2016) doi:10.1007/JHEP06(2016)093 [arXiv:1603.03127 [hep-ex]].
- [776] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.7, 403 (2016) doi:10.1140/epjc/s10052-016-4203-9 [arXiv:1603.02439 [hep-ex]].
- [777] G. Aad *et al.* [ATLAS], Phys. Rev. D **93**, no.9, 092004 (2016) doi:10.1103/PhysRevD.93.092004 [arXiv:1603.02151 [hep-ex]].
- [778] G. Aad *et al.* [ATLAS], JHEP **09**, 029 (2016) doi:10.1007/JHEP09(2016)029 [arXiv:1603.01702 [hep-ex]].
- [779] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.7, 375 (2016) doi:10.1140/epjc/s10052-016-4176-8 [arXiv:1602.08980 [hep-ex]].
- [780] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **93**, no.11, 112005 (2016) doi:10.1103/PhysRevD.93.112005 [arXiv:1602.09015 [hep-ex]].
- [781] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.5, 259 (2016) doi:10.1140/epjc/s10052-016-4095-8 [arXiv:1602.09058 [hep-ex]].
- [782] G. Aad *et al.* [ATLAS], Phys. Lett. B **757**, 334-355 (2016) doi:10.1016/j.physletb.2016.04.005 [arXiv:1602.06194 [hep-ex]].
- [783] G. Aad *et al.* [ATLAS], Phys. Lett. B **758**, 249-268 (2016) doi:10.1016/j.physletb.2016.04.061 [arXiv:1602.06034 [hep-ex]].
- [784] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.8, 442 (2016) doi:10.1140/epjc/s10052-016-4281-8 [arXiv:1602.05606 [hep-ex]].
- [785] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.12, 658 (2016) doi:10.1140/epjc/s10052-016-4499-5 [arXiv:1602.04516 [hep-ex]].
- [786] G. Aad *et al.* [ATLAS], Phys. Lett. B **758**, 67-88 (2016) doi:10.1016/j.physletb.2016.04.050 [arXiv:1602.01633 [hep-ex]].
- [787] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.6, 322 (2016) doi:10.1140/epjc/s10052-016-4126-5 [arXiv:1602.00988 [hep-ex]].
- [788] G. Aad *et al.* [ATLAS], JHEP **06**, 067 (2016) doi:10.1007/JHEP06(2016)067 [arXiv:1601.07453 [hep-ex]].

- [789] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **93**, no.11, 112003 (2016) doi:10.1103/PhysRevD.93.112003 [arXiv:1601.06526 [hep-ex]].
- [790] G. Aad *et al.* [ATLAS], New J. Phys. **18**, no.7, 073021 (2016) [erratum: New J. Phys. **21**, no.10, 109501 (2019)] doi:10.1088/1367-2630/18/7/073021 [arXiv:1601.05627 [hep-ex]].
- [791] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **93**, no.5, 052001 (2016) doi:10.1103/PhysRevD.93.052001 [arXiv:1601.03819 [hep-ex]].
- [792] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.5, 232 (2016) doi:10.1140/epjc/s10052-016-4041-9 [arXiv:1601.03567 [hep-ex]].
- [793] G. Aad *et al.* [ATLAS], JHEP **08**, 147 (2016) doi:10.1007/JHEP08(2016)147 [arXiv:1601.03297 [hep-ex]].
- [794] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **93**, no.11, 112010 (2016) doi:10.1103/PhysRevD.93.112010 [arXiv:1601.00401 [hep-ex]].
- [795] G. Aad *et al.* [ATLAS], JHEP **03**, 041 (2016) doi:10.1007/JHEP03(2016)041 [arXiv:1512.05910 [hep-ex]].
- [796] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.5, 295 (2016) doi:10.1140/epjc/s10052-016-4110-0 [arXiv:1512.05955 [hep-ex]].
- [797] G. Aad *et al.* [ATLAS], Phys. Lett. B **756**, 52-71 (2016) doi:10.1016/j.physletb.2016.02.055 [arXiv:1512.06092 [hep-ex]].
- [798] G. Aad *et al.* [ATLAS], Phys. Lett. B **755**, 285-305 (2016) doi:10.1016/j.physletb.2016.02.015 [arXiv:1512.05099 [hep-ex]].
- [799] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **116**, no.10, 101801 (2016) doi:10.1103/PhysRevLett.116.101801 [arXiv:1512.05314 [hep-ex]].
- [800] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.5, 283 (2016) doi:10.1140/epjc/s10052-016-4050-8 [arXiv:1512.03657 [hep-ex]].
- [801] G. Aad *et al.* [ATLAS], JHEP **03**, 127 (2016) doi:10.1007/JHEP03(2016)127 [arXiv:1512.03704 [hep-ex]].
- [802] G. Aad *et al.* [ATLAS], Nucl. Phys. B **907**, 717-763 (2016) doi:10.1016/j.nuclphysb.2016.04.032 [arXiv:1512.02913 [hep-ex]].
- [803] G. Aad *et al.* [ATLAS], JHEP **03**, 026 (2016) doi:10.1007/JHEP03(2016)026 [arXiv:1512.02586 [hep-ex]].
- [804] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.5, 291 (2016) doi:10.1140/epjc/s10052-016-4070-4 [arXiv:1512.02192 [hep-ex]].
- [805] G. Aad *et al.* [ATLAS], Phys. Lett. B **754**, 302-322 (2016) doi:10.1016/j.physletb.2016.01.032 [arXiv:1512.01530 [hep-ex]].
- [806] G. Aad *et al.* [ATLAS], JINST **11**, no.04, P04008 (2016) doi:10.1088/1748-0221/11/04/P04008 [arXiv:1512.01094 [hep-ex]].

- [807] G. Aad *et al.* [ATLAS], Phys. Lett. B **756**, 10-28 (2016) doi:10.1016/j.physletb.2016.02.056 [arXiv:1512.00197 [hep-ex]].
- [808] G. Aad *et al.* [ATLAS], Phys. Rev. D **93**, no.9, 092005 (2016) doi:10.1103/PhysRevD.93.092005 [arXiv:1511.08352 [hep-ex]].
- [809] G. Aad *et al.* [ATLAS], Phys. Lett. B **756**, 228-246 (2016) doi:10.1016/j.physletb.2016.03.017 [arXiv:1511.05980 [hep-ex]].
- [810] G. Aad *et al.* [ATLAS], JHEP **02**, 062 (2016) doi:10.1007/JHEP02(2016)062 [arXiv:1511.05542 [hep-ex]].
- [811] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.10, 538 (2016) doi:10.1140/epjc/s10052-016-4366-4 [arXiv:1511.04716 [hep-ex]].
- [812] G. Aad *et al.* [ATLAS], Phys. Lett. B **754**, 214-234 (2016) doi:10.1016/j.physletb.2016.01.028 [arXiv:1511.00502 [hep-ex]].
- [813] G. Aad *et al.* [ATLAS], Phys. Rev. D **93**, no.1, 012002 (2016) doi:10.1103/PhysRevD.93.012002 [arXiv:1510.07478 [hep-ex]].
- [814] G. Aad *et al.* [ATLAS], Phys. Rev. D **93**, no.7, 072007 (2016) doi:10.1103/PhysRevD.93.072007 [arXiv:1510.06218 [hep-ex]].
- [815] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.3, 154 (2016) doi:10.1140/epjc/s10052-016-3978-z [arXiv:1510.05821 [hep-ex]].
- [816] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.11, 581 (2016) doi:10.1140/epjc/s10052-016-4395-z [arXiv:1510.03823 [hep-ex]].
- [817] G. Aad *et al.* [ATLAS], JHEP **01**, 064 (2016) doi:10.1007/JHEP01(2016)064 [arXiv:1510.03752 [hep-ex]].
- [818] G. Aad *et al.* [ATLAS], JHEP **04**, 023 (2016) doi:10.1007/JHEP04(2016)023 [arXiv:1510.03764 [hep-ex]].
- [819] G. Aad *et al.* [ATLAS], Phys. Rev. D **93**, no.3, 032009 (2016) doi:10.1103/PhysRevD.93.032009 [arXiv:1510.03818 [hep-ex]].
- [820] G. Aad *et al.* [ATLAS], JHEP **02**, 110 (2016) doi:10.1007/JHEP02(2016)110 [arXiv:1510.02664 [hep-ex]].
- [821] A. V. Kotwal and B. Jayatilaka, Adv. High Energy Phys. **2016**, 1615081 (2016) doi:10.1155/2016/1615081 [arXiv:1510.02458 [hep-ph]].
- [822] G. Aad *et al.* [ATLAS], Phys. Rev. D **93**, no.5, 052009 (2016) doi:10.1103/PhysRevD.93.052009 [arXiv:1509.08059 [hep-ex]].
- [823] G. Aad *et al.* [ATLAS], Phys. Lett. B **753**, 552-572 (2016) doi:10.1016/j.physletb.2015.12.048 [arXiv:1509.07844 [hep-ex]].
- [824] G. Aad *et al.* [ATLAS], Phys. Rev. D **93**, no.5, 052002 (2016) doi:10.1103/PhysRevD.93.052002 [arXiv:1509.07152 [hep-ex]].

- [825] G. Aad *et al.* [ATLAS], Phys. Rev. D **93**, no.5, 052003 (2016) doi:10.1103/PhysRevD.93.052003 [arXiv:1509.05190 [hep-ex]].
- [826] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.5, 238 (2016) doi:10.1140/epjc/s10052-016-4065-1 [arXiv:1509.04939 [hep-ex]].
- [827] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.2, 81 (2016) doi:10.1140/epjc/s10052-016-3897-z [arXiv:1509.04976 [hep-ex]].
- [828] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.4, 210 (2016) doi:10.1140/epjc/s10052-016-4034-8 [arXiv:1509.05051 [hep-ex]].
- [829] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **116**, no.17, 172301 (2016) doi:10.1103/PhysRevLett.116.172301 [arXiv:1509.04776 [hep-ex]].
- [830] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.2, 87 (2016) [erratum: Eur. Phys. J. C **77**, 564 (2017)] doi:10.1140/epjc/s10052-016-3910-6 [arXiv:1509.02358 [hep-ex]].
- [831] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.2, 55 (2016) [erratum: Eur. Phys. J. C **82**, no.1, 70 (2022)] doi:10.1140/epjc/s10052-016-3876-4 [arXiv:1509.00294 [hep-ex]].
- [832] G. Aad *et al.* [ATLAS], JHEP **01**, 032 (2016) doi:10.1007/JHEP01(2016)032 [arXiv:1509.00389 [hep-ex]].
- [833] G. Aad *et al.* [ATLAS], JHEP **01**, 172 (2016) doi:10.1007/JHEP01(2016)172 [arXiv:1508.07869 [hep-ex]].
- [834] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.1, 11 (2016) doi:10.1140/epjc/s10052-015-3852-4 [arXiv:1508.06868 [hep-ex]].
- [835] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **93**, no.5, 052012 (2016) doi:10.1103/PhysRevD.93.052012 [arXiv:1508.06980 [hep-ex]].
- [836] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.1, 12 (2016) doi:10.1140/epjc/s10052-015-3851-5 [arXiv:1508.05796 [hep-ex]].
- [837] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.1, 5 (2016) doi:10.1140/epjc/s10052-015-3823-9 [arXiv:1508.04735 [hep-ex]].
- [838] G. Aad *et al.* [ATLAS], Phys. Lett. B **753**, 69-85 (2016) doi:10.1016/j.physletb.2015.11.071 [arXiv:1508.02507 [hep-ex]].
- [839] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.4, 199 (2016) doi:10.1140/epjc/s10052-016-4002-3 [arXiv:1508.00848 [hep-ex]].
- [840] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.1, 4 (2016) doi:10.1140/epjc/s10052-015-3743-8 [arXiv:1507.07099 [hep-ex]].
- [841] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.1, 45 (2016) doi:10.1140/epjc/s10052-015-3820-z [arXiv:1507.05930 [hep-ex]].
- [842] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **76**, no.1, 6 (2016) doi:10.1140/epjc/s10052-015-3769-y [arXiv:1507.04548 [hep-ex]].

- [843] G. Aad *et al.* [ATLAS], Phys. Rev. C **93**, no.3, 034914 (2016) doi:10.1103/PhysRevC.93.034914 [arXiv:1506.08552 [hep-ex]].
- [844] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.10, 510 (2015) [erratum: Eur. Phys. J. C **76**, no.3, 153 (2016)] doi:10.1140/epjc/s10052-015-3726-9 [arXiv:1506.08616 [hep-ex]].
- [845] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.10, 476 (2015) [erratum: Eur. Phys. J. C **76**, no.3, 152 (2016)] doi:10.1140/epjc/s10052-015-3685-1 [arXiv:1506.05669 [hep-ex]].
- [846] G. Aad *et al.* [ATLAS], Phys. Rev. D **91**, no.11, 112016 (2015) [erratum: Phys. Rev. D **93**, no.3, 039901 (2016)] doi:10.1103/PhysRevD.91.112016 [arXiv:1502.05686 [hep-ex]].
- [847] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **93**, no.3, 032011 (2016) doi:10.1103/PhysRevD.93.032011 [arXiv:1410.4909 [hep-ex]].
- [848] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.10, 3109 (2014) doi:10.1140/epjc/s10052-016-4501-2 [arXiv:1406.5375 [hep-ex]].
- [849] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **113**, 042001 (2014) [erratum: Phys. Rev. Lett. **117**, no.19, 199901 (2016)] doi:10.1103/PhysRevLett.113.042001 [arXiv:1404.3698 [hep-ex]].
- [850] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.7, 072003 (2013) [erratum: Phys. Rev. D **94**, no.9, 099901 (2016)] doi:10.1103/PhysRevD.88.072003 [arXiv:1308.1120 [hep-ex]].
- [851] T. Aaltonen *et al.* [CDF], Phys. Rev. D **87**, no.7, 072003 (2013) [erratum: Phys. Rev. D **97**, no.9, 099901 (2018)] doi:10.1103/PhysRevD.87.072003 [arXiv:1301.7048 [hep-ex]].
- [852] T. Aaltonen *et al.* [CDF], Mod. Phys. Lett. A **32**, no.26, 1750139 (2017) doi:10.1142/S0217732317501395 [arXiv:1101.6058 [hep-ex]].
- [853] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.7, 303 (2015) doi:10.1140/epjc/s10052-015-3500-z [arXiv:1412.7086 [hep-ex]].
- [854] G. Aad *et al.* [ATLAS], JHEP **03**, 088 (2015) doi:10.1007/JHEP03(2015)088 [arXiv:1412.6663 [hep-ex]].
- [855] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.5, 229 (2015) doi:10.1140/epjc/s10052-015-3406-9 [arXiv:1412.6428 [hep-ex]].
- [856] B. Auerbach, S. Chekanov, J. Love, J. Proudfoot and A. V. Kotwal, Phys. Rev. D **91**, no.3, 034014 (2015) doi:10.1103/PhysRevD.91.034014 [arXiv:1412.5951 [hep-ph]].
- [857] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **114**, no.14, 142001 (2015) doi:10.1103/PhysRevLett.114.142001 [arXiv:1412.4742 [hep-ex]].
- [858] T. Aaltonen *et al.* [CDF], Phys. Rev. D **91**, no.5, 052011 (2015) doi:10.1103/PhysRevD.91.052011 [arXiv:1412.4827 [hep-ex]].
- [859] G. Aad *et al.* [ATLAS], Phys. Lett. B **748**, 392-413 (2015) doi:10.1016/j.physletb.2015.07.023 [arXiv:1412.4092 [hep-ex]].
- [860] G. Aad *et al.* [ATLAS], Phys. Rev. D **92**, no.1, 012006 (2015) doi:10.1103/PhysRevD.92.012006 [arXiv:1412.2641 [hep-ex]].

- [861] G. Aad *et al.* [ATLAS], Phys. Rev. D **91**, no.3, 032004 (2015) doi:10.1103/PhysRevD.91.032004 [arXiv:1412.1692 [hep-ex]].
- [862] G. Aad *et al.* [ATLAS], JHEP **03**, 041 (2015) doi:10.1007/JHEP03(2015)041 [arXiv:1412.0237 [hep-ex]].
- [863] G. Aad *et al.* [ATLAS], JHEP **01**, 068 (2015) doi:10.1007/JHEP01(2015)068 [arXiv:1411.6795 [hep-ex]].
- [864] G. Aad *et al.* [ATLAS], JHEP **08**, 138 (2015) doi:10.1007/JHEP08(2015)138 [arXiv:1411.2921 [hep-ex]].
- [865] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **114**, no.7, 072302 (2015) doi:10.1103/PhysRevLett.114.072302 [arXiv:1411.2357 [hep-ex]].
- [866] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.5, 228 (2015) doi:10.1140/epjc/s10052-015-3363-3 [arXiv:1411.1855 [hep-ex]].
- [867] G. Aad *et al.* [ATLAS], Phys. Rev. D **91**, no.1, 012008 (2015) [erratum: Phys. Rev. D **92**, no.5, 059903 (2015)] doi:10.1103/PhysRevD.91.012008 [arXiv:1411.1559 [hep-ex]].
- [868] G. Aad *et al.* [ATLAS], JHEP **02**, 153 (2015) [erratum: JHEP **09**, 141 (2015)] doi:10.1007/JHEP02(2015)153 [arXiv:1410.8857 [hep-ex]].
- [869] G. Aad *et al.* [ATLAS], JHEP **01**, 049 (2015) doi:10.1007/JHEP01(2015)049 [arXiv:1410.7238 [hep-ex]].
- [870] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.2, 79 (2015) doi:10.1140/epjc/s10052-014-3233-4 [arXiv:1410.5404 [hep-ex]].
- [871] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **90**, no.11, 111103 (2014) doi:10.1103/PhysRevD.90.111103 [arXiv:1410.5435 [hep-ex]].
- [872] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **93**, no.3, 032011 (2016) doi:10.1103/PhysRevD.93.032011 [arXiv:1410.4909 [hep-ex]].
- [873] G. Aad *et al.* [ATLAS], Phys. Lett. B **740**, 199-217 (2015) doi:10.1016/j.physletb.2014.11.055 [arXiv:1410.4409 [hep-ex]].
- [874] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.2, 92 (2015) doi:10.1140/epjc/s10052-015-3306-z [arXiv:1410.4031 [hep-ex]].
- [875] G. Aad *et al.* [ATLAS], Phys. Lett. B **743**, 235-255 (2015) doi:10.1016/j.physletb.2015.02.051 [arXiv:1410.4103 [hep-ex]].
- [876] G. Aad *et al.* [ATLAS], Phys. Lett. B **740**, 118-136 (2015) doi:10.1016/j.physletb.2014.11.042 [arXiv:1410.0647 [hep-ex]].
- [877] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.2, 82 (2015) doi:10.1140/epjc/s10052-015-3262-7 [arXiv:1409.8639 [hep-ex]].
- [878] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, 69 (2015) doi:10.1140/epjc/s10052-015-3261-8 [arXiv:1409.6190 [hep-ex]].

- [879] G. Aad *et al.* [ATLAS], JHEP **01**, 069 (2015) doi:10.1007/JHEP01(2015)069 [arXiv:1409.6212 [hep-ex]].
- [880] G. Aad *et al.* [ATLAS], JHEP **11**, 056 (2014) doi:10.1007/JHEP11(2014)056 [arXiv:1409.6064 [hep-ex]].
- [881] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.11, 112005 (2014) doi:10.1103/PhysRevD.90.112005 [arXiv:1409.5542 [hep-ex]].
- [882] G. Aad *et al.* [ATLAS], JHEP **11**, 104 (2014) doi:10.1007/JHEP11(2014)104 [arXiv:1409.5500 [hep-ex]].
- [883] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **90**, no.9, 091101 (2014) doi:10.1103/PhysRevD.90.091101 [arXiv:1409.4906 [hep-ex]].
- [884] A. V. Kotwal, H. Schellman and J. Sekaric, Int. J. Mod. Phys. A **30**, no.06, 1541004 (2015) doi:10.1142/S0217751X15410043 [arXiv:1409.5163 [hep-ex]].
- [885] D. Bandurin, G. Bernardi, C. Gerber, T. Junk, A. Juste, A. Kotwal, J. Lewis, C. Mesropian, H. Schellman and J. Sekaric, *et al.* Int. J. Mod. Phys. A **30**, no.06, 1541001 (2015) doi:10.1142/S0217751X15410018 [arXiv:1409.4861 [hep-ex]].
- [886] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **91**, no.1, 012002 (2015) doi:10.1103/PhysRevD.91.012002 [arXiv:1409.4359 [hep-ex]].
- [887] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.12, 3195 (2014) doi:10.1140/epjc/s10052-014-3195-6 [arXiv:1409.3433 [hep-ex]].
- [888] G. Aad *et al.* [ATLAS], Phys. Lett. B **740**, 222-242 (2015) doi:10.1016/j.physletb.2014.11.049 [arXiv:1409.3122 [hep-ex]].
- [889] G. Aad *et al.* [ATLAS], Phys. Rev. C **90**, no.4, 044906 (2014) doi:10.1103/PhysRevC.90.044906 [arXiv:1409.1792 [hep-ex]].
- [890] G. Aad *et al.* [ATLAS], JHEP **11**, 088 (2014) doi:10.1007/JHEP11(2014)088 [arXiv:1409.0746 [hep-ex]].
- [891] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.4, 158 (2015) doi:10.1140/epjc/s10052-015-3373-1 [arXiv:1409.0832 [hep-ex]].
- [892] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.11, 112015 (2014) doi:10.1103/PhysRevD.90.112015 [arXiv:1408.7084 [hep-ex]].
- [893] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.12, 3168 (2014) doi:10.1140/epjc/s10052-014-3168-9 [arXiv:1408.6510 [hep-ex]].
- [894] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.7, 072010 (2014) doi:10.1103/PhysRevD.90.072010 [arXiv:1408.5774 [hep-ex]].
- [895] G. Aad *et al.* [ATLAS], Nucl. Phys. B **889**, 486-548 (2014) doi:10.1016/j.nuclphysb.2014.10.019 [arXiv:1408.5778 [hep-ex]].
- [896] G. Aad *et al.* [ATLAS], Phys. Rev. D **91**, no.1, 012006 (2015) doi:10.1103/PhysRevD.91.012006 [arXiv:1408.5191 [hep-ex]].

- [897] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.1, 23 (2015) doi:10.1140/epjc/s10052-014-3231-6 [arXiv:1408.4674 [hep-ex]].
- [898] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.11, 3157 (2014) doi:10.1140/epjc/s10052-014-3157-z [arXiv:1408.4342 [hep-ex]].
- [899] G. Aad *et al.* [ATLAS], Phys. Lett. B **738**, 234-253 (2014) doi:10.1016/j.physletb.2014.09.054 [arXiv:1408.3226 [hep-ex]].
- [900] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, 120 (2015) doi:10.1140/epjc/s10052-015-3325-9 [arXiv:1408.3179 [hep-ex]].
- [901] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, no.4, 165 (2015) doi:10.1140/epjc/s10052-015-3372-2 [arXiv:1408.0886 [hep-ex]].
- [902] G. Aad *et al.* [ATLAS], Phys. Lett. B **738**, 428-447 (2014) doi:10.1016/j.physletb.2014.10.002 [arXiv:1407.8150 [hep-ex]].
- [903] G. Aad *et al.* [ATLAS], JHEP **09**, 037 (2014) doi:10.1007/JHEP09(2014)037 [arXiv:1407.7494 [hep-ex]].
- [904] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **113**, no.17, 171801 (2014) doi:10.1103/PhysRevLett.113.171801 [arXiv:1407.6583 [hep-ex]].
- [905] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.11, 3117 (2014) doi:10.1140/epjc/s10052-014-3117-7 [arXiv:1407.5756 [hep-ex]].
- [906] G. Aad *et al.* [ATLAS], JHEP **09**, 079 (2014) doi:10.1007/JHEP09(2014)079 [arXiv:1407.5532 [hep-ex]].
- [907] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.10, 3071 (2014) doi:10.1140/epjc/s10052-014-3071-4 [arXiv:1407.5063 [hep-ex]].
- [908] G. Aad *et al.* [ATLAS], JHEP **09**, 112 (2014) doi:10.1007/JHEP09(2014)112 [arXiv:1407.4222 [hep-ex]].
- [909] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.11, 112016 (2014) doi:10.1103/PhysRevD.90.112016 [arXiv:1407.4314 [hep-ex]].
- [910] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.11, 3130 (2014) doi:10.1140/epjc/s10052-014-3130-x [arXiv:1407.3935 [hep-ex]].
- [911] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **113**, no.26, 261804 (2014) doi:10.1103/PhysRevLett.113.261804 [arXiv:1407.4031 [hep-ex]].
- [912] G. Aad *et al.* [ATLAS], JHEP **10**, 141 (2014) doi:10.1007/JHEP10(2014)141 [arXiv:1407.3643 [hep-ex]].
- [913] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **91**, no.3, 032006 (2015) doi:10.1103/PhysRevD.91.032006 [arXiv:1407.3484 [hep-ex]].
- [914] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.12, 3134 (2014) doi:10.1140/epjc/s10052-014-3134-6 [arXiv:1407.2410 [hep-ex]].

- [915] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.5, 052007 (2014) doi:10.1103/PhysRevD.90.052007 [arXiv:1407.1796 [hep-ex]].
- [916] G. Aad *et al.* [ATLAS], Phys. Rev. D **91**, no.5, 052007 (2015) doi:10.1103/PhysRevD.91.052007 [arXiv:1407.1376 [hep-ex]].
- [917] G. Aad *et al.* [ATLAS], New J. Phys. **16**, no.11, 113013 (2014) doi:10.1088/1367-2630/16/11/113013 [arXiv:1407.0800 [hep-ex]].
- [918] G. Aad *et al.* [ATLAS], JHEP **01**, 020 (2015) doi:10.1007/JHEP01(2015)020 [arXiv:1407.0891 [hep-ex]].
- [919] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **113**, no.21, 212004 (2014) doi:10.1103/PhysRevLett.113.212004 [arXiv:1407.1032 [hep-ex]].
- [920] G. Aad *et al.* [ATLAS], Phys. Rev. D **91**, no.5, 052005 (2015) doi:10.1103/PhysRevD.91.052005 [arXiv:1407.0573 [hep-ex]].
- [921] G. Aad *et al.* [ATLAS], JHEP **11**, 118 (2014) doi:10.1007/JHEP11(2014)118 [arXiv:1407.0583 [hep-ex]].
- [922] G. Aad *et al.* [ATLAS], JHEP **10**, 024 (2014) doi:10.1007/JHEP10(2014)024 [arXiv:1407.0600 [hep-ex]].
- [923] G. Aad *et al.* [ATLAS], JHEP **09**, 103 (2014) doi:10.1007/JHEP09(2014)103 [arXiv:1407.0603 [hep-ex]].
- [924] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.5, 052008 (2014) doi:10.1103/PhysRevD.90.052008 [arXiv:1407.0608 [hep-ex]].
- [925] G. Aad *et al.* [ATLAS], JHEP **10**, 096 (2014) doi:10.1007/JHEP10(2014)096 [arXiv:1407.0350 [hep-ex]].
- [926] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.7, 072004 (2014) doi:10.1103/PhysRevD.90.072004 [arXiv:1407.0371 [hep-ex]].
- [927] G. Aad *et al.* [ATLAS], Phys. Lett. B **738**, 68-86 (2014) doi:10.1016/j.physletb.2014.09.008 [arXiv:1406.7663 [hep-ex]].
- [928] G. Aad *et al.* [ATLAS], JINST **9**, P09009 (2014) doi:10.1088/1748-0221/9/09/P09009 [arXiv:1406.7690 [hep-ex]].
- [929] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.11, 112006 (2014) doi:10.1103/PhysRevD.90.112006 [arXiv:1406.7844 [hep-ex]].
- [930] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.10, 3109 (2014) doi:10.1140/epjc/s10052-016-4501-2 [arXiv:1406.5375 [hep-ex]].
- [931] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **114**, no.8, 081802 (2015) doi:10.1103/PhysRevLett.114.081802 [arXiv:1406.5053 [hep-ex]].
- [932] G. Aad *et al.* [ATLAS], Phys. Lett. B **737**, 223-243 (2014) doi:10.1016/j.physletb.2014.08.039 [arXiv:1406.4456 [hep-ex]].

- [933] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.5, 052004 (2014) doi:10.1103/PhysRevD.90.052004 [arXiv:1406.3827 [hep-ex]].
- [934] G. Aad *et al.* [ATLAS], JHEP **09**, 145 (2014) doi:10.1007/JHEP09(2014)145 [arXiv:1406.3660 [hep-ex]].
- [935] G. Aad *et al.* [ATLAS], Phys. Lett. B **739**, 320-342 (2014) doi:10.1016/j.physletb.2014.10.065 [arXiv:1406.2979 [hep-ex]].
- [936] G. Aad *et al.* [ATLAS], JHEP **09**, 015 (2014) doi:10.1007/JHEP09(2014)015 [arXiv:1406.1122 [hep-ex]].
- [937] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.8, 2965 (2014) doi:10.1140/epjc/s10052-014-2965-5 [arXiv:1406.0392 [hep-ex]].
- [938] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **75**, 17 (2015) doi:10.1140/epjc/s10052-014-3190-y [arXiv:1406.0076 [hep-ex]].
- [939] G. Aad *et al.* [ATLAS], JHEP **09**, 176 (2014) doi:10.1007/JHEP09(2014)176 [arXiv:1405.7875 [hep-ex]].
- [940] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.8, 3023 (2014) doi:10.1140/epjc/s10052-014-3023-z [arXiv:1405.6583 [hep-ex]].
- [941] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **113**, no.14, 141803 (2014) doi:10.1103/PhysRevLett.113.141803 [arXiv:1405.6241 [hep-ex]].
- [942] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.5, 052001 (2014) doi:10.1103/PhysRevD.90.052001 [arXiv:1405.5086 [hep-ex]].
- [943] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.5, 052005 (2014) doi:10.1103/PhysRevD.90.052005 [arXiv:1405.4123 [hep-ex]].
- [944] G. Aad *et al.* [ATLAS], JHEP **08**, 103 (2014) doi:10.1007/JHEP08(2014)103 [arXiv:1405.4254 [hep-ex]].
- [945] G. Aad *et al.* [ATLAS], JINST **9**, P07024 (2014) doi:10.1088/1748-0221/9/07/P07024 [arXiv:1405.3768 [hep-ex]].
- [946] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.8, 2982 (2014) doi:10.1140/epjc/s10052-014-2982-4 [arXiv:1405.3936 [hep-ex]].
- [947] G. Aad *et al.* [ATLAS], JINST **9**, P08009 (2014) doi:10.1088/1748-0221/9/08/P08009 [arXiv:1404.7473 [hep-ex]].
- [948] G. Aad *et al.* [ATLAS], JHEP **07**, 154 (2014) doi:10.1007/JHEP07(2014)154 [arXiv:1404.7035 [hep-ex]].
- [949] G. Aad *et al.* [ATLAS], Phys. Lett. B **738**, 25-43 (2014) doi:10.1016/j.physletb.2014.09.020 [arXiv:1404.7042 [hep-ex]].
- [950] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.9, 3034 (2014) doi:10.1140/epjc/s10052-014-3034-9 [arXiv:1404.4562 [hep-ex]].

- [951] A. V. Kotwal and C. P. Hays, Nucl. Instrum. Meth. A **762**, 85-99 (2014) doi:10.1016/j.nima.2014.05.050 [arXiv:1404.3457 [physics.ins-det]].
- [952] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **113**, 042001 (2014) [erratum: Phys. Rev. Lett. **117**, no.19, 199901 (2016)] doi:10.1103/PhysRevLett.113.042001 [arXiv:1404.3698 [hep-ex]].
- [953] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **112**, no.22, 221801 (2014) doi:10.1103/PhysRevLett.112.221801 [arXiv:1404.3392 [hep-ex]].
- [954] G. Aad *et al.* [ATLAS], JHEP **06**, 035 (2014) doi:10.1007/JHEP06(2014)035 [arXiv:1404.2500 [hep-ex]].
- [955] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.7, 2941 (2014) doi:10.1140/epjc/s10052-014-2941-0 [arXiv:1404.2240 [hep-ex]].
- [956] G. Aad *et al.* [ATLAS], JHEP **06**, 112 (2014) doi:10.1007/JHEP06(2014)112 [arXiv:1404.1212 [hep-ex]].
- [957] G. Aad *et al.* [ATLAS], Phys. Rev. D **89**, no.9, 092009 (2014) doi:10.1103/PhysRevD.89.092009 [arXiv:1404.1071 [hep-ex]].
- [958] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **89**, no.7, 072014 (2014) doi:10.1103/PhysRevD.89.072014 [arXiv:1403.8126 [hep-ex]].
- [959] G. Aad *et al.* [ATLAS], Phys. Rev. D **90**, no.1, 012004 (2014) doi:10.1103/PhysRevD.90.012004 [arXiv:1404.0051 [hep-ex]].
- [960] G. Aad *et al.* [ATLAS], JHEP **06**, 008 (2014) doi:10.1007/JHEP06(2014)008 [arXiv:1403.6293 [hep-ex]].
- [961] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **112**, no.23, 231806 (2014) doi:10.1103/PhysRevLett.112.231806 [arXiv:1403.5657 [hep-ex]].
- [962] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **113**, no.24, 242001 (2014) doi:10.1103/PhysRevLett.113.242001 [arXiv:1403.5586 [hep-ex]].
- [963] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.6, 2883 (2014) doi:10.1140/epjc/s10052-014-2883-6 [arXiv:1403.5222 [hep-ex]].
- [964] G. Aad *et al.* [ATLAS], JHEP **05**, 071 (2014) doi:10.1007/JHEP05(2014)071 [arXiv:1403.5294 [hep-ex]].
- [965] G. Aad *et al.* [ATLAS], JHEP **06**, 124 (2014) doi:10.1007/JHEP06(2014)124 [arXiv:1403.4853 [hep-ex]].
- [966] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **89**, no.11, 112001 (2014) doi:10.1103/PhysRevD.89.112001 [arXiv:1403.2300 [hep-ex]].
- [967] G. Aad *et al.* [ATLAS], Phys. Rev. C **90**, no.2, 024905 (2014) doi:10.1103/PhysRevC.90.024905 [arXiv:1403.0489 [hep-ex]].
- [968] G. Aad *et al.* [ATLAS], JHEP **04**, 169 (2014) doi:10.1007/JHEP04(2014)169 [arXiv:1402.7029 [hep-ex]].

- [969] T. Aaltonen *et al.* [CDF], Phys. Rev. D **89**, no.9, 092001 (2014) doi:10.1103/PhysRevD.89.092001 [arXiv:1402.7044 [hep-ex]].
- [970] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **89**, no.9, 091101 (2014) doi:10.1103/PhysRevD.89.091101 [arXiv:1402.6728 [hep-ex]].
- [971] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **74**, no.7, 2895 (2014) doi:10.1140/epjc/s10052-014-2895-2 [arXiv:1402.6162 [hep-ex]].
- [972] G. Aad *et al.* [ATLAS], JHEP **05**, 068 (2014) doi:10.1007/JHEP05(2014)068 [arXiv:1402.6263 [hep-ex]].
- [973] T. A. Aaltonen *et al.* [CDF and D0], Phys. Rev. Lett. **112**, 231803 (2014) doi:10.1103/PhysRevLett.112.231803 [arXiv:1402.5126 [hep-ex]].
- [974] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **112**, no.23, 231805 (2014) doi:10.1103/PhysRevLett.112.231805 [arXiv:1402.3756 [hep-ex]].
- [975] G. Aad *et al.* [ATLAS], Phys. Lett. B **732**, 8-27 (2014) doi:10.1016/j.physletb.2014.03.015 [arXiv:1402.3051 [hep-ex]].
- [976] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **112**, 201802 (2014) doi:10.1103/PhysRevLett.112.201802 [arXiv:1402.3244 [hep-ex]].
- [977] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **89**, no.7, 072005 (2014) doi:10.1103/PhysRevD.89.072005 [arXiv:1402.2239 [hep-ex]].
- [978] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **112**, 231804 (2014) doi:10.1103/PhysRevLett.112.231804 [arXiv:1402.0484 [hep-ex]].
- [979] G. Aad *et al.* [ATLAS], JHEP **04**, 031 (2014) doi:10.1007/JHEP04(2014)031 [arXiv:1401.7610 [hep-ex]].
- [980] R. Brock, M. E. Peskin, K. Agashe, M. Artuso, J. Campbell, S. Dawson, R. Erbacher, C. Gerber, Y. Gershtein and A. Gritsan, *et al.* [arXiv:1401.6081 [hep-ex]].
- [981] G. Aad *et al.* [ATLAS], JHEP **04**, 172 (2014) doi:10.1007/JHEP04(2014)172 [arXiv:1401.2831 [hep-ex]].
- [982] A. K. Tickoo, R. Koul, R. C. Rannot, K. K. Yadav, P. Chandra, V. K. Dhar, M. K. Koul, M. Kothari, N. K. Agarwal and A. Goyal, *et al.* Pramana **82**, 585-605 (2014) doi:10.1007/s12043-014-0707-8
- [983] G. Aad *et al.* [ATLAS], JHEP **05**, 059 (2014) doi:10.1007/JHEP05(2014)059 [arXiv:1312.3524 [hep-ex]].
- [984] G. Aad *et al.* [ATLAS], Phys. Rev. D **89**, no.3, 032002 (2014) doi:10.1103/PhysRevD.89.032002 [arXiv:1312.1956 [hep-ex]].
- [985] G. Aad *et al.* [ATLAS], JINST **9**, P02001 (2014) doi:10.1088/1748-0221/9/02/P02001 [arXiv:1311.7070 [physics.ins-det]].
- [986] G. Aad *et al.* [ATLAS], JHEP **02**, 107 (2014) doi:10.1007/JHEP02(2014)107 [arXiv:1311.6724 [hep-ex]].

- [987] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **112**, 111803 (2014) doi:10.1103/PhysRevLett.112.111803 [arXiv:1311.3282 [hep-ex]].
- [988] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **112**, no.9, 091804 (2014) doi:10.1103/PhysRevLett.112.091804 [arXiv:1311.2006 [hep-ex]].
- [989] K. Agashe *et al.* [Top Quark Working Group], [arXiv:1311.2028 [hep-ph]].
- [990] G. Aad *et al.* [ATLAS], Phys. Rev. D **89**, no.5, 052004 (2014) doi:10.1103/PhysRevD.89.052004 [arXiv:1311.1440 [hep-ex]].
- [991] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **89**, no.7, 072003 (2014) doi:10.1103/PhysRevD.89.072003 [arXiv:1311.0894 [hep-ex]].
- [992] S. Dawson, A. Gritsan, H. Logan, J. Qian, C. Tully, R. Van Kooten, A. Ajaib, A. Anastassov, I. Anderson and D. Asner, *et al.* [arXiv:1310.8361 [hep-ex]].
- [993] T. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.9, 092004 (2013) doi:10.1103/PhysRevD.88.092004 [arXiv:1310.7267 [hep-ex]].
- [994] G. Aad *et al.* [ATLAS], Phys. Lett. B **728**, 363-379 (2014) doi:10.1016/j.physletb.2013.12.010 [arXiv:1310.6527 [hep-ex]].
- [995] G. Aad *et al.* [ATLAS], Phys. Rev. D **88**, no.11, 112003 (2013) doi:10.1103/PhysRevD.88.112003 [arXiv:1310.6584 [hep-ex]].
- [996] M. Baak, A. Blondel, A. Bodek, R. Caputo, T. Corbett, C. Degrande, O. Eboli, J. Erler, B. Feigl and A. Freitas, *et al.* [arXiv:1310.6708 [hep-ph]].
- [997] G. Aad *et al.* [ATLAS], Phys. Rev. D **88**, no.11, 112006 (2013) doi:10.1103/PhysRevD.88.112006 [arXiv:1310.3675 [hep-ex]].
- [998] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.9, 092002 (2013) doi:10.1103/PhysRevD.88.092002 [arXiv:1310.0086 [hep-ex]].
- [999] T. A. Aaltonen *et al.* [CDF and D0], Phys. Rev. D **89**, no.7, 072001 (2014) doi:10.1103/PhysRevD.89.072001 [arXiv:1309.7570 [hep-ex]].
- [1000] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **90**, no.1, 012011 (2014) doi:10.1103/PhysRevD.90.012011 [arXiv:1309.7509 [hep-ex]].
- [1001] C. Degrande, J. L. Holzbauer, S. C. Hsu, A. V. Kotwal, S. Li, M. Marx, O. Mattelaer, J. Metcalfe, M. A. Pleier and C. Pollard, *et al.* [arXiv:1309.7452 [physics.comp-ph]].
- [1002] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **90**, no.1, 012013 (2014) doi:10.1103/PhysRevD.90.012013 [arXiv:1309.5961 [hep-ex]].
- [1003] G. Aad *et al.* [ATLAS], CERN-LHCC-2013-018.
- [1004] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **112**, no.4, 041802 (2014) doi:10.1103/PhysRevLett.112.041802 [arXiv:1309.4017 [hep-ex]].
- [1005] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **111**, no.23, 231802 (2013) doi:10.1103/PhysRevLett.111.231802 [arXiv:1309.4078 [hep-ex]].

- [1006] G. Aad *et al.* [ATLAS], Phys. Lett. B **728**, 562-578 (2014) doi:10.1016/j.physletb.2013.12.029 [arXiv:1309.3230 [hep-ex]].
- [1007] J. Anderson, A. Avetisyan, R. Brock, S. Chekanov, T. Cohen, N. Dhingra, J. Dolen, J. Hirschauer, K. Howe and A. Kotwal, *et al.* [arXiv:1309.1057 [hep-ex]].
- [1008] T. A. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **111**, no.20, 202001 (2013) doi:10.1103/PhysRevLett.111.202001 [arXiv:1308.4050 [hep-ex]].
- [1009] G. Aad *et al.* [ATLAS], Phys. Rev. D **88**, no.7, 072001 (2013) doi:10.1103/PhysRevD.88.072001 [arXiv:1308.4075 [hep-ex]].
- [1010] T. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, 092005 (2013) doi:10.1103/PhysRevD.88.092005 [arXiv:1308.3371 [hep-ex]].
- [1011] G. Aad *et al.* [ATLAS], JHEP **10**, 189 (2013) doi:10.1007/JHEP10(2013)189 [arXiv:1308.2631 [hep-ex]].
- [1012] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.7, 071101 (2013) doi:10.1103/PhysRevD.88.071101 [arXiv:1308.1760 [hep-ex]].
- [1013] G. Aad *et al.* [ATLAS], JHEP **10**, 130 (2013) [erratum: JHEP **01**, 109 (2014)] doi:10.1007/JHEP10(2013)130 [arXiv:1308.1841 [hep-ex]].
- [1014] A. V. Kotwal and C. Hays, Nucl. Instrum. Meth. A **729**, 25-35 (2013) doi:10.1016/j.nima.2013.05.185 [arXiv:1308.2025 [physics.ins-det]].
- [1015] G. Aad *et al.* [ATLAS], New J. Phys. **15**, 093011 (2013) doi:10.1088/1367-2630/15/9/093011 [arXiv:1308.1364 [hep-ex]].
- [1016] T. A. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.7, 072003 (2013) [erratum: Phys. Rev. D **94**, no.9, 099901 (2016)] doi:10.1103/PhysRevD.88.072003 [arXiv:1308.1120 [hep-ex]].
- [1017] T. A. Aaltonen *et al.* [CDF and D0], Phys. Rev. D **88**, no.5, 052018 (2013) doi:10.1103/PhysRevD.88.052018 [arXiv:1307.7627 [hep-ex]].
- [1018] G. Aad *et al.* [ATLAS], Nucl. Phys. B **875**, 483-535 (2013) doi:10.1016/j.nuclphysb.2013.07.025 [arXiv:1307.6795 [hep-ex]].
- [1019] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **111**, no.23, 232002 (2013) doi:10.1103/PhysRevLett.111.232002 [arXiv:1307.6511 [hep-ex]].
- [1020] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.12, 2676 (2013) doi:10.1140/epjc/s10052-013-2676-3 [arXiv:1307.5749 [hep-ex]].
- [1021] G. Aad *et al.* [ATLAS], JHEP **11**, 031 (2013) doi:10.1007/JHEP11(2013)031 [arXiv:1307.4568 [hep-ex]].
- [1022] G. Aad *et al.* [ATLAS], Phys. Lett. B **726**, 88-119 (2013) [erratum: Phys. Lett. B **734**, 406-406 (2014)] doi:10.1016/j.physletb.2014.05.011 [arXiv:1307.1427 [hep-ex]].
- [1023] G. Aad *et al.* [ATLAS], Phys. Lett. B **726**, 120-144 (2013) doi:10.1016/j.physletb.2013.08.026 [arXiv:1307.1432 [hep-ex]].

- [1024] T. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.7, 072002 (2013) [erratum: Phys. Rev. D **88**, no.7, 079905 (2013)] doi:10.1103/PhysRevD.88.072002 [arXiv:1307.0770 [hep-ex]].
- [1025] T. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.3, 031103 (2013) doi:10.1103/PhysRevD.88.031103 [arXiv:1307.0474 [hep-ex]].
- [1026] G. Aad *et al.* [ATLAS], JHEP **10**, 042 (2013) doi:10.1007/JHEP10(2013)042 [arXiv:1307.0126 [hep-ex]].
- [1027] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **111**, no.15, 152301 (2013) doi:10.1103/PhysRevLett.111.152301 [arXiv:1306.6469 [hep-ex]].
- [1028] G. Aad *et al.* [ATLAS], JHEP **09**, 076 (2013) doi:10.1007/JHEP09(2013)076 [arXiv:1306.4945 [hep-ex]].
- [1029] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **111**, no.18, 182002 (2013) doi:10.1103/PhysRevLett.111.182002 [arXiv:1306.2357 [hep-ex]].
- [1030] T. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.5, 052012 (2013) doi:10.1103/PhysRevD.88.052012 [arXiv:1306.0023 [hep-ex]].
- [1031] G. Aad *et al.* [ATLAS], Phys. Lett. B **725**, 223-242 (2013) doi:10.1016/j.physletb.2013.07.049 [arXiv:1305.4192 [hep-ex]].
- [1032] T. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.1, 011101 (2013) doi:10.1103/PhysRevD.88.011101 [arXiv:1305.3339 [hep-ex]].
- [1033] G. Aad *et al.* [ATLAS], Phys. Rev. D **88**, no.1, 012004 (2013) doi:10.1103/PhysRevD.88.012004 [arXiv:1305.2756 [hep-ex]].
- [1034] G. Aad *et al.* [ATLAS], JHEP **11**, 183 (2013) doi:10.1007/JHEP11(2013)183 [arXiv:1305.2942 [hep-ex]].
- [1035] G. Aad *et al.* [ATLAS], JINST **8**, P07015 (2013) doi:10.1088/1748-0221/8/07/P07015 [arXiv:1305.2284 [hep-ex]].
- [1036] G. Aad *et al.* [ATLAS], Phys. Rev. D **87**, no.11, 112006 (2013) doi:10.1103/PhysRevD.87.112006 [arXiv:1305.0125 [hep-ex]].
- [1037] T. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, 091103 (2013) doi:10.1103/PhysRevD.88.091103 [arXiv:1304.7961 [hep-ex]].
- [1038] G. Aad *et al.* [ATLAS], JHEP **07**, 032 (2013) doi:10.1007/JHEP07(2013)032 [arXiv:1304.7098 [hep-ex]].
- [1039] G. Aad *et al.* [ATLAS], Phys. Rev. D **88**, no.1, 012001 (2013) doi:10.1103/PhysRevD.88.012001 [arXiv:1304.6310 [hep-ex]].
- [1040] G. Aad *et al.* [ATLAS], Phys. Rev. D **89**, no.7, 072012 (2014) doi:10.1103/PhysRevD.89.072012 [arXiv:1304.6386 [hep-ex]].
- [1041] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.8, 2509 (2013) doi:10.1140/epjc/s10052-013-2509-4 [arXiv:1304.4739 [hep-ex]].

- [1042] T. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.3, 032003 (2013) doi:10.1103/PhysRevD.88.032003 [arXiv:1304.4141 [hep-ex]].
- [1043] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **111**, no.4, 042003 (2013) doi:10.1103/PhysRevLett.111.042003 [arXiv:1303.6136 [hep-ex]].
- [1044] T. Aaltonen *et al.* [CDF], Phys. Rev. D **87**, no.11, 111101 (2013) doi:10.1103/PhysRevD.87.111101 [arXiv:1303.6142 [hep-ex]].
- [1045] T. Aaltonen *et al.* [CDF and D0], Phys. Rev. D **88**, no.5, 052014 (2013) doi:10.1103/PhysRevD.88.052014 [arXiv:1303.6346 [hep-ex]].
- [1046] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **111**, no.3, 031802 (2013) doi:10.1103/PhysRevLett.111.031802 [arXiv:1303.2699 [hep-ex]].
- [1047] G. Aad *et al.* [ATLAS], Phys. Lett. B **725**, 60-78 (2013) doi:10.1016/j.physletb.2013.06.057 [arXiv:1303.2084 [hep-ex]].
- [1048] G. Aad *et al.* [ATLAS], JHEP **06**, 033 (2013) doi:10.1007/JHEP06(2013)033 [arXiv:1303.0526 [hep-ex]].
- [1049] G. Aad *et al.* [ATLAS], JINST **8**, P07004 (2013) doi:10.1088/1748-0221/8/07/P07004 [arXiv:1303.0223 [hep-ex]].
- [1050] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.8, 2518 (2013) doi:10.1140/epjc/s10052-013-2518-3 [arXiv:1302.4393 [hep-ex]].
- [1051] G. Aad *et al.* [ATLAS], New J. Phys. **15**, 043009 (2013) doi:10.1088/1367-2630/15/4/043009 [arXiv:1302.4403 [hep-ex]].
- [1052] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **110**, no.20, 201802 (2013) doi:10.1103/PhysRevLett.110.201802 [arXiv:1302.4491 [hep-ex]].
- [1053] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.6, 2465 (2013) doi:10.1140/epjc/s10052-013-2465-z [arXiv:1302.3694 [hep-ex]].
- [1054] G. Aad *et al.* [ATLAS], JHEP **06**, 084 (2013) doi:10.1007/JHEP06(2013)084 [arXiv:1302.2929 [hep-ex]].
- [1055] G. Aad *et al.* [ATLAS], Phys. Rev. D **87**, no.11, 112003 (2013) [erratum: Phys. Rev. D **91**, no.11, 119901 (2015)] doi:10.1103/PhysRevD.87.112003 [arXiv:1302.1283 [hep-ex]].
- [1056] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.5, 2432 (2013) doi:10.1140/epjc/s10052-013-2432-8 [arXiv:1302.1415 [hep-ex]].
- [1057] G. Aad *et al.* [ATLAS], New J. Phys. **15**, 033038 (2013) doi:10.1088/1367-2630/15/3/033038 [arXiv:1301.6872 [hep-ex]].
- [1058] G. Aad *et al.* [ATLAS], Phys. Lett. B **722**, 305-323 (2013) doi:10.1016/j.physletb.2013.04.036 [arXiv:1301.5272 [hep-ex]].
- [1059] G. Aad *et al.* [ATLAS], Phys. Lett. B **721**, 171-189 (2013) doi:10.1016/j.physletb.2013.03.016 [arXiv:1301.1583 [hep-ex]].

- [1060] T. Aaltonen *et al.* [CDF], Phys. Rev. D **87**, 052008 (2013) doi:10.1103/PhysRevD.87.052008 [arXiv:1301.4440 [hep-ex]].
- [1061] T. Aaltonen *et al.* [CDF], Phys. Rev. D **88**, no.5, 052013 (2013) doi:10.1103/PhysRevD.88.052013 [arXiv:1301.6668 [hep-ex]].
- [1062] T. Aaltonen *et al.* [CDF], Phys. Rev. D **87**, no.7, 072003 (2013) [erratum: Phys. Rev. D **97**, no.9, 099901 (2018)] doi:10.1103/PhysRevD.87.072003 [arXiv:1301.7048 [hep-ex]].
- [1063] G. Aad *et al.* [ATLAS], Phys. Lett. B **723**, 15-32 (2013) doi:10.1016/j.physletb.2013.04.035 [arXiv:1212.1272 [hep-ex]].
- [1064] G. Aad *et al.* [ATLAS], JHEP **03**, 076 (2013) doi:10.1007/JHEP03(2013)076 [arXiv:1212.3572 [hep-ex]].
- [1065] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **110**, no.12, 121801 (2013) doi:10.1103/PhysRevLett.110.121801 [arXiv:1212.3837 [hep-ex]].
- [1066] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **110**, no.10, 101801 (2013) doi:10.1103/PhysRevLett.110.101801 [arXiv:1212.4204 [hep-ex]].
- [1067] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **110**, no.18, 182302 (2013) doi:10.1103/PhysRevLett.110.182302 [arXiv:1212.5198 [hep-ex]].
- [1068] G. Aad *et al.* [ATLAS], Phys. Lett. B **719**, 299-317 (2013) doi:10.1016/j.physletb.2013.01.034 [arXiv:1212.5409 [hep-ex]].
- [1069] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.3, 2362 (2013) doi:10.1140/epjc/s10052-013-2362-5 [arXiv:1212.6149 [hep-ex]].
- [1070] G. Aad *et al.* [ATLAS], Phys. Lett. B **720**, 32-51 (2013) doi:10.1016/j.physletb.2013.01.054 [arXiv:1211.6899 [hep-ex]].
- [1071] T. Aaltonen *et al.* [CDF], Phys. Rev. D **87**, no.9, 092002 (2013) doi:10.1103/PhysRevD.87.092002 [arXiv:1211.1003 [hep-ex]].
- [1072] G. Aad *et al.* [ATLAS], Phys. Rev. D **87**, no.1, 015010 (2013) doi:10.1103/PhysRevD.87.015010 [arXiv:1211.1150 [hep-ex]].
- [1073] G. Aad *et al.* [ATLAS], Phys. Lett. B **719**, 261-279 (2013) doi:10.1016/j.physletb.2013.01.041 [arXiv:1211.1167 [hep-ex]].
- [1074] G. Aad *et al.* [ATLAS], Phys. Lett. B **720**, 277-308 (2013) doi:10.1016/j.physletb.2013.02.015 [arXiv:1211.1597 [hep-ex]].
- [1075] G. Aad *et al.* [ATLAS], JHEP **01**, 086 (2013) doi:10.1007/JHEP01(2013)086 [arXiv:1211.1913 [hep-ex]].
- [1076] G. Aad *et al.* [ATLAS], JHEP **01**, 116 (2013) doi:10.1007/JHEP01(2013)116 [arXiv:1211.2202 [hep-ex]].
- [1077] T. Aaltonen *et al.* [CDF], Phys. Rev. D **87**, no.3, 031104 (2013) doi:10.1103/PhysRevD.87.031104 [arXiv:1211.4523 [hep-ex]].

- [1078] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **110**, no.12, 121802 (2013) doi:10.1103/PhysRevLett.110.121802 [arXiv:1211.5363 [hep-ex]].
- [1079] G. Aad *et al.* [ATLAS], JHEP **03**, 128 (2013) doi:10.1007/JHEP03(2013)128 [arXiv:1211.6096 [hep-ex]].
- [1080] G. Aad *et al.* [ATLAS], Phys. Rev. D **87**, no.5, 052002 (2013) doi:10.1103/PhysRevD.87.052002 [arXiv:1211.6312 [hep-ex]].
- [1081] G. Aad *et al.* [ATLAS], JHEP **02**, 095 (2013) doi:10.1007/JHEP02(2013)095 [arXiv:1211.6956 [hep-ex]].
- [1082] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.3, 2328 (2013) doi:10.1140/epjc/s10052-013-2328-7 [arXiv:1211.7205 [hep-ex]].
- [1083] G. Aad *et al.* [ATLAS], Phys. Rev. D **87**, no.5, 052004 (2013) doi:10.1103/PhysRevD.87.052004 [arXiv:1211.7255 [hep-ex]].
- [1084] G. Aad *et al.* [ATLAS], Phys. Lett. B **721**, 32-50 (2013) doi:10.1016/j.physletb.2013.02.058 [arXiv:1210.0435 [hep-ex]].
- [1085] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.2, 2301 (2013) doi:10.1140/epjc/s10052-013-2301-5 [arXiv:1210.0441 [hep-ex]].
- [1086] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2215 (2012) doi:10.1140/epjc/s10052-012-2215-7 [arXiv:1210.1314 [hep-ex]].
- [1087] G. Aad *et al.* [ATLAS], JHEP **01**, 029 (2013) doi:10.1007/JHEP01(2013)029 [arXiv:1210.1718 [hep-ex]].
- [1088] T. Aaltonen *et al.* [CDF], Phys. Rev. D **87**, no.1, 011101 (2013) doi:10.1103/PhysRevD.87.011101 [arXiv:1210.2366 [hep-ex]].
- [1089] G. Aad *et al.* [ATLAS], JHEP **01**, 131 (2013) doi:10.1007/JHEP01(2013)131 [arXiv:1210.2852 [hep-ex]].
- [1090] G. Aad *et al.* [ATLAS], Phys. Rev. D **87**, no.11, 112001 (2013) [erratum: Phys. Rev. D **88**, no.7, 079906 (2013)] doi:10.1103/PhysRevD.87.112001 [arXiv:1210.2979 [hep-ex]].
- [1091] G. Aad *et al.* [ATLAS], JHEP **12**, 124 (2012) doi:10.1007/JHEP12(2012)124 [arXiv:1210.4457 [hep-ex]].
- [1092] G. Aad *et al.* [ATLAS], JHEP **04**, 075 (2013) doi:10.1007/JHEP04(2013)075 [arXiv:1210.4491 [hep-ex]].
- [1093] G. Aad *et al.* [ATLAS], JHEP **12**, 007 (2012) doi:10.1007/JHEP12(2012)007 [arXiv:1210.4538 [hep-ex]].
- [1094] G. Aad *et al.* [ATLAS], JHEP **12**, 086 (2012) doi:10.1007/JHEP12(2012)086 [arXiv:1210.4813 [hep-ex]].
- [1095] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.1, 2263 (2013) doi:10.1140/epjc/s10052-012-2263-z [arXiv:1210.4826 [hep-ex]].

- [1096] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2244 (2012) doi:10.1140/epjc/s10052-012-2244-2 [arXiv:1210.5070 [hep-ex]].
- [1097] G. Aad *et al.* [ATLAS], Phys. Lett. B **718**, 1284-1302 (2013) doi:10.1016/j.physletb.2012.11.071 [arXiv:1210.5468 [hep-ex]].
- [1098] T. Aaltonen *et al.* [CDF], Phys. Rev. D **86**, 112002 (2012) doi:10.1103/PhysRevD.86.112002 [arXiv:1210.5686 [hep-ex]].
- [1099] T. Aaltonen *et al.* [CDF], Phys. Rev. D **87**, no.5, 052013 (2013) doi:10.1103/PhysRevD.87.052013 [arXiv:1210.6131 [hep-ex]].
- [1100] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.3, 2306 (2013) doi:10.1140/epjc/s10052-013-2306-0 [arXiv:1210.6210 [hep-ex]].
- [1101] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **110**, no.2, 022301 (2013) doi:10.1103/PhysRevLett.110.022301 [arXiv:1210.6486 [hep-ex]].
- [1102] G. Aad *et al.* [ATLAS], Phys. Lett. B **719**, 242-260 (2013) doi:10.1016/j.physletb.2013.01.040 [arXiv:1210.6604 [hep-ex]].
- [1103] G. Aad *et al.* [ATLAS], Phys. Lett. B **719**, 280-298 (2013) doi:10.1016/j.physletb.2013.01.042 [arXiv:1210.7451 [hep-ex]].
- [1104] G. Aad *et al.* [ATLAS], New J. Phys. **15**, 043007 (2013) doi:10.1088/1367-2630/15/4/043007 [arXiv:1210.8389 [hep-ex]].
- [1105] G. Aad *et al.* [ATLAS], Phys. Lett. B **718**, 411-430 (2012) doi:10.1016/j.physletb.2012.10.069 [arXiv:1209.0753 [hep-ex]].
- [1106] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **110**, no.7, 071801 (2013) doi:10.1103/PhysRevLett.110.071801 [arXiv:1209.1921 [hep-ex]].
- [1107] G. Aad *et al.* [ATLAS], Phys. Lett. B **720**, 13-31 (2013) doi:10.1016/j.physletb.2013.01.049 [arXiv:1209.2102 [hep-ex]].
- [1108] G. Aad *et al.* [ATLAS], JHEP **11**, 138 (2012) doi:10.1007/JHEP11(2012)138 [arXiv:1209.2535 [hep-ex]].
- [1109] G. Aad *et al.* [ATLAS], JHEP **11**, 094 (2012) doi:10.1007/JHEP11(2012)094 [arXiv:1209.4186 [hep-ex]].
- [1110] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2241 (2012) doi:10.1140/epjc/s10052-012-2241-5 [arXiv:1209.4446 [hep-ex]].
- [1111] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **110**, no.1, 011802 (2013) doi:10.1103/PhysRevLett.110.011802 [arXiv:1209.4625 [hep-ex]].
- [1112] G. Aad *et al.* [ATLAS], Phys. Rev. D **86**, 091103 (2012) doi:10.1103/PhysRevD.86.091103 [arXiv:1209.6593 [hep-ex]].
- [1113] G. Aad *et al.* [ATLAS], Phys. Rev. D **86**, 072004 (2012) doi:10.1103/PhysRevD.86.072004 [arXiv:1208.0563 [hep-ex]].

- [1114] G. Aad *et al.* [ATLAS], JHEP **12**, 072 (2012) doi:10.1007/JHEP12(2012)072 [arXiv:1208.0572 [hep-ex]].
- [1115] G. Aad *et al.* [ATLAS], Phys. Rev. D **87**, no.1, 012008 (2013) doi:10.1103/PhysRevD.87.012008 [arXiv:1208.0949 [hep-ex]].
- [1116] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2173 (2012) doi:10.1140/epjc/s10052-012-2173-0 [arXiv:1208.1390 [hep-ex]].
- [1117] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **109**, 211802 (2012) doi:10.1103/PhysRevLett.109.211802 [arXiv:1208.1447 [hep-ex]].
- [1118] G. Aad *et al.* [ATLAS], Phys. Lett. B **719**, 220-241 (2013) doi:10.1016/j.physletb.2013.01.024 [arXiv:1208.1967 [hep-ex]].
- [1119] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **109**, 211803 (2012) doi:10.1103/PhysRevLett.109.211803 [arXiv:1208.2590 [hep-ex]].
- [1120] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **109**, 181802 (2012) doi:10.1103/PhysRevLett.109.181802 [arXiv:1208.2662 [hep-ex]].
- [1121] G. Aad *et al.* [ATLAS], Phys. Lett. B **718**, 860-878 (2013) doi:10.1016/j.physletb.2012.11.040 [arXiv:1208.2880 [hep-ex]].
- [1122] G. Aad *et al.* [ATLAS], Phys. Lett. B **718**, 879-901 (2013) doi:10.1016/j.physletb.2012.11.058 [arXiv:1208.2884 [hep-ex]].
- [1123] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **109**, 171802 (2012) doi:10.1103/PhysRevLett.109.171802 [arXiv:1208.2967 [hep-ex]].
- [1124] G. Aad *et al.* [ATLAS], Phys. Lett. B **718**, 841-859 (2013) doi:10.1016/j.physletb.2012.11.039 [arXiv:1208.3144 [hep-ex]].
- [1125] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2237 (2012) doi:10.1140/epjc/s10052-012-2237-1 [arXiv:1208.4305 [hep-ex]].
- [1126] G. Aad *et al.* [ATLAS], Phys. Rev. D **86**, 092002 (2012) doi:10.1103/PhysRevD.86.092002 [arXiv:1208.4688 [hep-ex]].
- [1127] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **109**, 192001 (2012) doi:10.1103/PhysRevLett.109.192001 [arXiv:1208.5720 [hep-ex]].
- [1128] G. Aad *et al.* [ATLAS], JHEP **11**, 033 (2012) doi:10.1007/JHEP11(2012)033 [arXiv:1208.6256 [hep-ex]].
- [1129] T. Aaltonen *et al.* [CDF], JHEP **02**, 004 (2013) doi:10.1007/JHEP02(2013)004 [arXiv:1208.6445 [hep-ex]].
- [1130] G. Aad *et al.* [ATLAS], Phys. Lett. B **718**, 369-390 (2012) doi:10.1016/j.physletb.2012.10.061 [arXiv:1207.0210 [hep-ex]].
- [1131] G. Aad *et al.* [ATLAS], Phys. Rev. D **86**, 032003 (2012) doi:10.1103/PhysRevD.86.032003 [arXiv:1207.0319 [hep-ex]].

- [1132] T. Aaltonen *et al.* [CDF], Phys. Rev. D **86**, 032007 (2012) doi:10.1103/PhysRevD.86.032007 [arXiv:1207.0825 [hep-ex]].
- [1133] T. Aaltonen *et al.* [CDF and D0], Phys. Rev. D **86**, 092003 (2012) doi:10.1103/PhysRevD.86.092003 [arXiv:1207.1069 [hep-ex]].
- [1134] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **109**, 111804 (2012) doi:10.1103/PhysRevLett.109.111804 [arXiv:1207.1703 [hep-ex]].
- [1135] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **109**, 111803 (2012) doi:10.1103/PhysRevLett.109.111803 [arXiv:1207.1704 [hep-ex]].
- [1136] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **109**, 111802 (2012) doi:10.1103/PhysRevLett.109.111802 [arXiv:1207.1707 [hep-ex]].
- [1137] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **109**, 111805 (2012) doi:10.1103/PhysRevLett.109.111805 [arXiv:1207.1711 [hep-ex]].
- [1138] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **109**, 111801 (2012) doi:10.1103/PhysRevLett.109.111801 [arXiv:1207.2158 [hep-ex]].
- [1139] G. Aad *et al.* [ATLAS], Phys. Rev. D **87**, no.3, 032002 (2013) doi:10.1103/PhysRevD.87.032002 [arXiv:1207.2284 [hep-ex]].
- [1140] G. Aad *et al.* [ATLAS], JHEP **09**, 041 (2012) doi:10.1007/JHEP09(2012)041 [arXiv:1207.2409 [hep-ex]].
- [1141] T. Aaltonen *et al.* [CDF and D0], Phys. Rev. D **86**, 091101 (2012) doi:10.1103/PhysRevD.86.091101 [arXiv:1207.2757 [hep-ex]].
- [1142] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2174 (2012) doi:10.1140/epjc/s10052-012-2174-z [arXiv:1207.4686 [hep-ex]].
- [1143] T. Aaltonen *et al.* [CDF], Phys. Rev. D **86**, 072012 (2012) doi:10.1103/PhysRevD.86.072012 [arXiv:1207.5016 [hep-ex]].
- [1144] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.1, 2261 (2013) doi:10.1140/epjc/s10052-012-2261-1 [arXiv:1207.5644 [hep-ex]].
- [1145] T. Aaltonen *et al.* [CDF], Phys. Lett. B **717**, 173-181 (2012) doi:10.1016/j.physletb.2012.08.051 [arXiv:1207.6386 [hep-ex]].
- [1146] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **109**, 261803 (2012) doi:10.1103/PhysRevLett.109.261803 [arXiv:1207.6411 [hep-ex]].
- [1147] T. Aaltonen *et al.* [CDF and D0], Phys. Rev. Lett. **109**, 071804 (2012) doi:10.1103/PhysRevLett.109.071804 [arXiv:1207.6436 [hep-ex]].
- [1148] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **109**, 152003 (2012) doi:10.1103/PhysRevLett.109.152003 [arXiv:1207.6758 [hep-ex]].
- [1149] G. Aad *et al.* [ATLAS], Phys. Rev. D **88**, no.3, 032004 (2013) doi:10.1103/PhysRevD.88.032004 [arXiv:1207.6915 [hep-ex]].

- [1150] T. Aaltonen *et al.* [CDF], Phys. Rev. D **86**, 052010 (2012) doi:10.1103/PhysRevD.86.052010 [arXiv:1207.7138 [hep-ex]].
- [1151] G. Aad *et al.* [ATLAS], Phys. Lett. B **716**, 1-29 (2012) doi:10.1016/j.physletb.2012.08.020 [arXiv:1207.7214 [hep-ex]].
- [1152] G. Aad *et al.* [ATLAS], JHEP **09**, 139 (2012) doi:10.1007/JHEP09(2012)139 [arXiv:1206.0257 [hep-ex]].
- [1153] G. Aad *et al.* [ATLAS], Phys. Lett. B **716**, 62-81 (2012) doi:10.1016/j.physletb.2012.08.010 [arXiv:1206.0756 [hep-ex]].
- [1154] G. Aad *et al.* [ATLAS], JHEP **07**, 167 (2012) doi:10.1007/JHEP07(2012)167 [arXiv:1206.1760 [hep-ex]].
- [1155] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2211 (2012) doi:10.1140/epjc/s10052-012-2211-y [arXiv:1206.2135 [hep-ex]].
- [1156] G. Aad *et al.* [ATLAS], Phys. Lett. B **717**, 70-88 (2012) doi:10.1016/j.physletb.2012.09.020 [arXiv:1206.2443 [hep-ex]].
- [1157] G. Aad *et al.* [ATLAS], Nucl. Phys. B **864**, 341-381 (2012) doi:10.1016/j.nuclphysb.2012.07.009 [arXiv:1206.3122 [hep-ex]].
- [1158] T. Aaltonen *et al.* [CDF], Phys. Rev. D **86**, 032009 (2012) doi:10.1103/PhysRevD.86.032009 [arXiv:1206.3955 [hep-ex]].
- [1159] T. Aaltonen *et al.* [CDF], Phys. Rev. D **86**, 032011 (2012) doi:10.1103/PhysRevD.86.032011 [arXiv:1206.5063 [hep-ex]].
- [1160] G. Aad *et al.* [ATLAS], Phys. Rev. D **86**, 072006 (2012) doi:10.1103/PhysRevD.86.072006 [arXiv:1206.5369 [hep-ex]].
- [1161] G. Aad *et al.* [ATLAS], JHEP **09**, 070 (2012) doi:10.1007/JHEP09(2012)070 [arXiv:1206.5971 [hep-ex]].
- [1162] G. Aad *et al.* [ATLAS], Phys. Lett. B **718**, 391-410 (2012) doi:10.1016/j.physletb.2012.10.066 [arXiv:1206.6074 [hep-ex]].
- [1163] T. Aaltonen *et al.* [CDF], Phys. Lett. B **722**, 48-54 (2013) doi:10.1016/j.physletb.2013.03.032 [arXiv:1205.0354 [hep-ex]].
- [1164] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2157 (2012) doi:10.1140/epjc/s10052-012-2157-0 [arXiv:1205.0701 [hep-ex]].
- [1165] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **109**, 081801 (2012) doi:10.1103/PhysRevLett.109.081801 [arXiv:1205.1016 [hep-ex]].
- [1166] G. Aad *et al.* [ATLAS], Phys. Lett. B **717**, 89-108 (2012) doi:10.1016/j.physletb.2012.09.032 [arXiv:1205.2067 [hep-ex]].
- [1167] G. Aad *et al.* [ATLAS], JHEP **06**, 088 (2012) doi:10.1007/JHEP06(2012)088 [arXiv:1205.2484 [hep-ex]].

- [1168] G. Aad *et al.* [ATLAS], Phys. Lett. B **717**, 49-69 (2012) doi:10.1016/j.physletb.2012.09.017 [arXiv:1205.2531 [hep-ex]].
- [1169] G. Aad *et al.* [ATLAS], Phys. Lett. B **717**, 330-350 (2012) doi:10.1016/j.physletb.2012.09.031 [arXiv:1205.3130 [hep-ex]].
- [1170] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2083 (2012) doi:10.1140/epjc/s10052-012-2083-1 [arXiv:1205.5371 [hep-ex]].
- [1171] G. Aad *et al.* [ATLAS], Phys. Lett. B **716**, 142-159 (2012) doi:10.1016/j.physletb.2012.08.011 [arXiv:1205.5764 [hep-ex]].
- [1172] G. Aad *et al.* [ATLAS], Phys. Lett. B **717**, 29-48 (2012) doi:10.1016/j.physletb.2012.09.016 [arXiv:1205.6744 [hep-ex]].
- [1173] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 201801 (2012) doi:10.1103/PhysRevLett.108.201801 [arXiv:1204.0536 [hep-ex]].
- [1174] G. Aad *et al.* [ATLAS], Phys. Lett. B **713**, 387-407 (2012) doi:10.1016/j.physletb.2012.06.013 [arXiv:1204.0735 [hep-ex]].
- [1175] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **109**, 071801 (2012) doi:10.1103/PhysRevLett.109.071801 [arXiv:1204.1265 [hep-ex]].
- [1176] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 112012 (2012) doi:10.1103/PhysRevD.85.112012 [arXiv:1204.1648 [hep-ex]].
- [1177] G. Aad *et al.* [ATLAS], JHEP **06**, 039 (2012) doi:10.1007/JHEP06(2012)039 [arXiv:1204.2760 [hep-ex]].
- [1178] G. Aad *et al.* [ATLAS], Phys. Lett. B **714**, 197-214 (2012) doi:10.1016/j.physletb.2012.06.061 [arXiv:1204.3852 [hep-ex]].
- [1179] G. Aad *et al.* [ATLAS], Phys. Lett. B **716**, 122-141 (2012) doi:10.1016/j.physletb.2012.08.009 [arXiv:1204.4646 [hep-ex]].
- [1180] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 261804 (2012) doi:10.1103/PhysRevLett.108.261804 [arXiv:1204.5638 [hep-ex]].
- [1181] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2062 (2012) doi:10.1140/epjc/s10052-012-2062-6 [arXiv:1204.6720 [hep-ex]].
- [1182] G. Aad *et al.* [ATLAS], Phys. Lett. B **715**, 44-60 (2012) doi:10.1016/j.physletb.2012.07.010 [arXiv:1204.6736 [hep-ex]].
- [1183] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 151803 (2012) doi:10.1103/PhysRevLett.108.151803 [arXiv:1203.0275 [hep-ex]].
- [1184] G. Aad *et al.* [ATLAS], Phys. Rev. D **86**, 052005 (2012) doi:10.1103/PhysRevD.86.052005 [arXiv:1203.0419 [hep-ex]].
- [1185] G. Aad *et al.* [ATLAS], Phys. Lett. B **712**, 351-369 (2012) doi:10.1016/j.physletb.2012.05.022 [arXiv:1203.0529 [hep-ex]].

- [1186] G. Aad *et al.* [ATLAS], Phys. Lett. B **712**, 331-350 (2012) doi:10.1016/j.physletb.2012.05.020 [arXiv:1203.0718 [hep-ex]].
- [1187] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 211804 (2012) doi:10.1103/PhysRevLett.108.211804 [arXiv:1203.0742 [hep-ex]].
- [1188] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.3, 2305 (2013) doi:10.1140/epjc/s10052-013-2305-1 [arXiv:1203.1302 [hep-ex]].
- [1189] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 251801 (2012) doi:10.1103/PhysRevLett.108.251801 [arXiv:1203.1303 [hep-ex]].
- [1190] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2001 (2012) doi:10.1140/epjc/s10052-012-2001-6 [arXiv:1203.2165 [hep-ex]].
- [1191] G. Aad *et al.* [ATLAS], Phys. Rev. C **86**, 014907 (2012) doi:10.1103/PhysRevC.86.014907 [arXiv:1203.3087 [hep-ex]].
- [1192] G. Aad *et al.* [ATLAS], JHEP **07**, 019 (2012) doi:10.1007/JHEP07(2012)019 [arXiv:1203.3100 [hep-ex]].
- [1193] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 092014 (2012) doi:10.1103/PhysRevD.85.092014 [arXiv:1203.3161 [hep-ex]].
- [1194] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2151 (2012) doi:10.1140/epjc/s10052-012-2151-6 [arXiv:1203.3172 [hep-ex]].
- [1195] G. Aad *et al.* [ATLAS], JHEP **05**, 157 (2012) doi:10.1007/JHEP05(2012)157 [arXiv:1203.3549 [hep-ex]].
- [1196] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 211805 (2012) doi:10.1103/PhysRevLett.108.211805 [arXiv:1203.3894 [hep-ex]].
- [1197] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **109**, 012001 (2012) doi:10.1103/PhysRevLett.109.012001 [arXiv:1203.4051 [hep-ex]].
- [1198] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 212001 (2012) doi:10.1103/PhysRevLett.108.212001 [arXiv:1203.4081 [hep-ex]].
- [1199] T. Aaltonen *et al.* [CDF], JHEP **10**, 158 (2012) doi:10.1007/JHEP10(2012)158 [arXiv:1203.4171 [hep-ex]].
- [1200] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2039 (2012) doi:10.1140/epjc/s10052-012-2039-5 [arXiv:1203.4211 [hep-ex]].
- [1201] G. Aad *et al.* [ATLAS], JHEP **05**, 128 (2012) doi:10.1007/JHEP05(2012)128 [arXiv:1203.4606 [hep-ex]].
- [1202] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2043 (2012) doi:10.1140/epjc/s10052-012-2043-9 [arXiv:1203.5015 [hep-ex]].
- [1203] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2056 (2012) doi:10.1140/epjc/s10052-012-2056-4 [arXiv:1203.5420 [hep-ex]].

- [1204] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 2046 (2012) doi:10.1140/epjc/s10052-012-2046-6 [arXiv:1203.5755 [hep-ex]].
- [1205] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 241802 (2012) doi:10.1103/PhysRevLett.108.241802 [arXiv:1203.5763 [hep-ex]].
- [1206] T. Aaltonen *et al.* [CDF], Phys. Lett. B **715**, 98-104 (2012) doi:10.1016/j.physletb.2012.07.045 [arXiv:1203.5815 [hep-ex]].
- [1207] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 112006 (2012) doi:10.1103/PhysRevD.85.112006 [arXiv:1203.6193 [hep-ex]].
- [1208] G. Aad *et al.* [ATLAS], Phys. Lett. B **712**, 289-308 (2012) doi:10.1016/j.physletb.2012.05.003 [arXiv:1203.6232 [hep-ex]].
- [1209] G. Aad *et al.* [ATLAS], Phys. Lett. B **714**, 180-196 (2012) doi:10.1016/j.physletb.2012.06.055 [arXiv:1203.6580 [hep-ex]].
- [1210] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 092001 (2012) doi:10.1103/PhysRevD.85.092001 [arXiv:1202.1260 [hep-ex]].
- [1211] G. Aad *et al.* [ATLAS], Phys. Lett. B **710**, 49-66 (2012) doi:10.1016/j.physletb.2012.02.044 [arXiv:1202.1408 [hep-ex]].
- [1212] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 111803 (2012) doi:10.1103/PhysRevLett.108.111803 [arXiv:1202.1414 [hep-ex]].
- [1213] G. Aad *et al.* [ATLAS], Phys. Lett. B **710**, 383-402 (2012) doi:10.1016/j.physletb.2012.03.005 [arXiv:1202.1415 [hep-ex]].
- [1214] P. Chandra, R. C. Rannot, K. K. Yadav, A. K. Tickoo, K. K. Singh, K. Chanchalani, M. Kothari, N. K. Agarwal, A. Goyal and H. C. Goyal, *et al.* J. Phys. G **39**, 045201 (2012) doi:10.1088/0954-3899/39/4/045201 [arXiv:1202.2984 [astro-ph.HE]].
- [1215] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 261802 (2012) doi:10.1103/PhysRevLett.108.261802 [arXiv:1202.3076 [hep-ex]].
- [1216] G. Aad *et al.* [ATLAS], Phys. Rev. D **86**, 012007 (2012) doi:10.1103/PhysRevD.86.012007 [arXiv:1202.3389 [hep-ex]].
- [1217] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 1993 (2012) doi:10.1140/epjc/s10052-012-1993-2 [arXiv:1202.4847 [hep-ex]].
- [1218] G. Aad *et al.* [ATLAS], JHEP **05**, 059 (2012) doi:10.1007/JHEP05(2012)059 [arXiv:1202.4892 [hep-ex]].
- [1219] T. Aaltonen *et al.* [CDF and D0], Phys. Rev. D **85**, 071106 (2012) doi:10.1103/PhysRevD.85.071106 [arXiv:1202.5272 [hep-ex]].
- [1220] G. Aad *et al.* [ATLAS], JHEP **04**, 069 (2012) doi:10.1007/JHEP04(2012)069 [arXiv:1202.5520 [hep-ex]].
- [1221] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 201802 (2012) doi:10.1103/PhysRevLett.108.201802 [arXiv:1202.5653 [hep-ex]].

- [1222] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **109**, 032001 (2012) doi:10.1103/PhysRevLett.109.032001 [arXiv:1202.6540 [hep-ex]].
- [1223] T. Aaltonen *et al.* [CDF], Phys. Rev. D **86**, 031104 (2012) doi:10.1103/PhysRevD.86.031104 [arXiv:1202.6629 [hep-ex]].
- [1224] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 1844 (2012) doi:10.1140/epjc/s10052-011-1844-6 [arXiv:1108.5602 [hep-ex]].
- [1225] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 1849 (2012) doi:10.1140/epjc/s10052-011-1849-1 [arXiv:1110.1530 [hep-ex]].
- [1226] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 032004 (2012) doi:10.1103/PhysRevD.85.032004 [arXiv:1201.1091 [hep-ex]].
- [1227] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 092002 (2012) doi:10.1103/PhysRevD.85.092002 [arXiv:1201.1276 [hep-ex]].
- [1228] G. Aad *et al.* [ATLAS], Phys. Lett. B **711**, 244-263 (2012) doi:10.1016/j.physletb.2012.03.083 [arXiv:1201.1889 [hep-ex]].
- [1229] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 1926 (2012) doi:10.1140/epjc/s10052-012-1926-0 [arXiv:1201.2808 [hep-ex]].
- [1230] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 072003 (2012) doi:10.1103/PhysRevD.85.072003 [arXiv:1201.3293 [hep-ex]].
- [1231] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 181804 (2012) doi:10.1103/PhysRevLett.108.181804 [arXiv:1201.4880 [hep-ex]].
- [1232] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 1965 (2012) doi:10.1140/epjc/s10052-012-1965-6 [arXiv:1201.5595 [hep-ex]].
- [1233] G. Aad *et al.* [ATLAS], Science **338**, 1576-1582 (2012) doi:10.1126/science.1232005
- [1234] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 081801 (2012) doi:10.1103/PhysRevLett.108.081801 [arXiv:1112.0858 [hep-ex]].
- [1235] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 011104 (2012) doi:10.1103/PhysRevD.85.011104 [arXiv:1112.1577 [hep-ex]].
- [1236] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 151802 (2012) doi:10.1103/PhysRevLett.108.151802 [arXiv:1112.1591 [hep-ex]].
- [1237] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 072002 (2012) doi:10.1103/PhysRevD.85.072002 [arXiv:1112.1726 [hep-ex]].
- [1238] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 052002 (2012) doi:10.1103/PhysRevD.85.052002 [arXiv:1112.1930 [hep-ex]].
- [1239] G. Aad *et al.* [ATLAS], Phys. Lett. B **710**, 538-556 (2012) doi:10.1016/j.physletb.2012.03.022 [arXiv:1112.2194 [hep-ex]].

- [1240] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 111802 (2012) doi:10.1103/PhysRevLett.108.111802 [arXiv:1112.2577 [hep-ex]].
- [1241] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 101801 (2012) doi:10.1103/PhysRevLett.108.101801 [arXiv:1112.2978 [hep-ex]].
- [1242] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 092011 (2012) doi:10.1103/PhysRevD.85.092011 [arXiv:1112.2808 [hep-ex]].
- [1243] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 032003 (2012) doi:10.1103/PhysRevD.85.032003 [arXiv:1112.3334 [hep-ex]].
- [1244] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 211802 (2012) doi:10.1103/PhysRevLett.108.211802 [arXiv:1112.3580 [hep-ex]].
- [1245] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 181802 (2012) doi:10.1103/PhysRevLett.108.181802 [arXiv:1112.3832 [hep-ex]].
- [1246] G. Aad *et al.* [ATLAS], Phys. Lett. B **712**, 40-58 (2012) doi:10.1016/j.physletb.2012.04.026 [arXiv:1112.4462 [hep-ex]].
- [1247] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 052005 (2012) doi:10.1103/PhysRevD.85.052005 [arXiv:1112.4432 [hep-ex]].
- [1248] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 072001 (2012) doi:10.1103/PhysRevD.85.072001 [arXiv:1112.4358 [hep-ex]].
- [1249] G. Aad *et al.* [ATLAS], Phys. Lett. B **709**, 158-176 (2012) [erratum: Phys. Lett. B **711**, 442-455 (2012)] doi:10.1016/j.physletb.2012.02.004 [arXiv:1112.4828 [hep-ex]].
- [1250] T. Aaltonen *et al.* [CDF], Phys. Lett. B **714**, 24-31 (2012) doi:10.1016/j.physletb.2012.06.007 [arXiv:1112.4891 [hep-ex]].
- [1251] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 152001 (2012) doi:10.1103/PhysRevLett.108.152001 [arXiv:1112.5154 [hep-ex]].
- [1252] G. Aad *et al.* [ATLAS], Phys. Lett. B **712**, 22-39 (2012) doi:10.1016/j.physletb.2012.03.082 [arXiv:1112.5755 [hep-ex]].
- [1253] G. Aad *et al.* [ATLAS], Phys. Rev. D **86**, 014022 (2012) doi:10.1103/PhysRevD.86.014022 [arXiv:1112.6297 [hep-ex]].
- [1254] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **73**, no.3, 2304 (2013) doi:10.1140/epjc/s10052-013-2304-2 [arXiv:1112.6426 [hep-ex]].
- [1255] G. Aad *et al.* [ATLAS], Phys. Lett. B **709**, 322-340 (2012) doi:10.1016/j.physletb.2012.02.049 [arXiv:1111.0080 [hep-ex]].
- [1256] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 211803 (2012) doi:10.1103/PhysRevLett.108.211803 [arXiv:1111.0485 [hep-ex]].
- [1257] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 012001 (2012) doi:10.1103/PhysRevD.85.012001 [arXiv:1111.1297 [hep-ex]].

- [1258] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 032009 (2012) doi:10.1103/PhysRevD.85.032009 [arXiv:1111.2690 [hep-ex]].
- [1259] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 012008 (2012) doi:10.1103/PhysRevD.85.012008 [arXiv:1111.3432 [hep-ex]].
- [1260] G. Aad *et al.* [ATLAS], Phys. Lett. B **710**, 519-537 (2012) doi:10.1016/j.physletb.2012.02.054 [arXiv:1111.4116 [hep-ex]].
- [1261] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 012009 (2012) doi:10.1103/PhysRevD.85.012009 [arXiv:1111.5023 [hep-ex]].
- [1262] G. Aad *et al.* [ATLAS], Phys. Lett. B **709**, 341-357 (2012) doi:10.1016/j.physletb.2012.02.053 [arXiv:1111.5570 [hep-ex]].
- [1263] G. Aad *et al.* [ATLAS], JHEP **11**, 099 (2011) doi:10.1007/JHEP11(2011)099 [arXiv:1110.2299 [hep-ex]].
- [1264] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **71**, 1828 (2011) doi:10.1140/epjc/s10052-011-1828-6 [arXiv:1110.2693 [hep-ex]].
- [1265] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **72**, 1909 (2012) doi:10.1140/epjc/s10052-012-1909-1 [arXiv:1110.3174 [hep-ex]].
- [1266] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 041804 (2012) doi:10.1103/PhysRevLett.108.041804 [arXiv:1110.5016 [hep-ex]].
- [1267] G. Aad *et al.* [ATLAS], Phys. Lett. B **709**, 137-157 (2012) doi:10.1016/j.physletb.2012.01.076 [arXiv:1110.6189 [hep-ex]].
- [1268] G. Aad *et al.* [ATLAS], JINST **7**, P01013 (2012) doi:10.1088/1748-0221/7/01/P01013 [arXiv:1110.6191 [hep-ex]].
- [1269] G. Aad *et al.* [ATLAS], Phys. Lett. B **707**, 438-458 (2012) doi:10.1016/j.physletb.2011.12.054 [arXiv:1109.0525 [hep-ex]].
- [1270] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 232002 (2011) doi:10.1103/PhysRevLett.107.232002 [arXiv:1109.1490 [hep-ex]].
- [1271] G. Aad *et al.* [ATLAS], Phys. Lett. B **707**, 418-437 (2012) doi:10.1016/j.physletb.2011.12.046 [arXiv:1109.1470 [hep-ex]].
- [1272] G. Aad *et al.* [ATLAS], Phys. Lett. B **706**, 295-313 (2012) doi:10.1016/j.physletb.2011.11.059 [arXiv:1109.1403 [hep-ex]].
- [1273] G. Aad *et al.* [ATLAS], Phys. Lett. B **707**, 478-496 (2012) doi:10.1016/j.physletb.2011.12.057 [arXiv:1109.2242 [hep-ex]].
- [1274] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 012007 (2012) doi:10.1103/PhysRevD.85.012007 [arXiv:1109.3136 [hep-ex]].
- [1275] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **71**, 1809 (2011) doi:10.1140/epjc/s10052-011-1809-9 [arXiv:1109.3089 [hep-ex]].

- [1276] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **107**, 221802 (2011) doi:10.1103/PhysRevLett.107.221802 [arXiv:1109.3357 [hep-ex]].
- [1277] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **107**, 231801 (2011) doi:10.1103/PhysRevLett.107.231801 [arXiv:1109.3615 [hep-ex]].
- [1278] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 011801 (2012) doi:10.1103/PhysRevLett.108.011801 [arXiv:1109.4427 [hep-ex]].
- [1279] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **108**, 041805 (2012) doi:10.1103/PhysRevLett.108.041805 [arXiv:1109.4725 [hep-ex]].
- [1280] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 072004 (2012) doi:10.1103/PhysRevD.85.072004 [arXiv:1109.5141 [hep-ex]].
- [1281] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **71**, 1795 (2011) doi:10.1140/epjc/s10052-011-1795-y [arXiv:1109.5816 [hep-ex]].
- [1282] G. Aad *et al.* [ATLAS], Phys. Lett. B **705**, 435-451 (2011) doi:10.1016/j.physletb.2011.10.034 [arXiv:1109.5945 [hep-ex]].
- [1283] G. Aad *et al.* [ATLAS], Phys. Lett. B **710**, 67-85 (2012) doi:10.1016/j.physletb.2012.02.051 [arXiv:1109.6572 [hep-ex]].
- [1284] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, no.1, 012006 (2012) [erratum: Phys. Rev. D **87**, 099903 (2013)] doi:10.1103/PhysRevD.85.012006 [arXiv:1109.6606 [hep-ex]].
- [1285] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 181801 (2011) doi:10.1103/PhysRevLett.107.181801 [arXiv:1108.0101 [hep-ex]].
- [1286] G. Aad *et al.* [ATLAS], Phys. Lett. B **706**, 150-167 (2011) doi:10.1016/j.physletb.2011.11.010 [arXiv:1108.0253 [hep-ex]].
- [1287] G. Aad *et al.* [ATLAS], JHEP **10**, 107 (2011) doi:10.1007/JHEP10(2011)107 [arXiv:1108.0366 [hep-ex]].
- [1288] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **108**, 081807 (2012) doi:10.1103/PhysRevLett.108.081807 [arXiv:1108.0695 [hep-ex]].
- [1289] G. Aad *et al.* [ATLAS], Phys. Lett. B **705**, 28-46 (2011) doi:10.1016/j.physletb.2011.09.093 [arXiv:1108.1316 [hep-ex]].
- [1290] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **107**, 272002 (2011) doi:10.1103/PhysRevLett.107.272002 [arXiv:1108.1582 [hep-ex]].
- [1291] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 071105 (2011) doi:10.1103/PhysRevD.84.071105 [arXiv:1108.1601 [hep-ex]].
- [1292] G. Aad *et al.* [ATLAS], Phys. Rev. D **84**, 112006 (2011) doi:10.1103/PhysRevD.84.112006 [arXiv:1108.2016 [hep-ex]].
- [1293] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 012002 (2012) doi:10.1103/PhysRevD.85.012002 [arXiv:1108.2060 [hep-ex]].

- [1294] G. Aad *et al.* [ATLAS], Phys. Lett. B **707**, 459-477 (2012) doi:10.1016/j.physletb.2011.12.055 [arXiv:1108.3699 [hep-ex]].
- [1295] G. Aad *et al.* [ATLAS], Phys. Lett. B **706**, 276-294 (2012) doi:10.1016/j.physletb.2011.11.057 [arXiv:1108.4101 [hep-ex]].
- [1296] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 072003 (2011) doi:10.1103/PhysRevD.84.072003 [arXiv:1108.4755 [hep-ex]].
- [1297] G. Aad *et al.* [ATLAS], Phys. Lett. B **708**, 221-240 (2012) doi:10.1016/j.physletb.2012.01.042 [arXiv:1108.4908 [hep-ex]].
- [1298] G. Aad *et al.* [ATLAS], Phys. Lett. B **707**, 27-45 (2012) doi:10.1016/j.physletb.2011.11.056 [arXiv:1108.5064 [hep-ex]].
- [1299] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 091504 (2011) doi:10.1103/PhysRevD.84.091504 [arXiv:1108.5765 [hep-ex]].
- [1300] G. Aad *et al.* [ATLAS], Phys. Lett. B **705**, 452-470 (2011) doi:10.1016/j.physletb.2011.10.051 [arXiv:1108.5895 [hep-ex]].
- [1301] G. Aad *et al.* [ATLAS], Phys. Lett. B **707**, 330-348 (2012) doi:10.1016/j.physletb.2011.12.056 [arXiv:1108.6018 [hep-ex]].
- [1302] G. Aad *et al.* [ATLAS], Phys. Lett. B **710**, 363-382 (2012) doi:10.1016/j.physletb.2012.02.045 [arXiv:1108.6027 [hep-ex]].
- [1303] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 012005 (2012) doi:10.1103/PhysRevD.85.012005 [arXiv:1108.6308 [hep-ex]].
- [1304] G. Aad *et al.* [ATLAS], Phys. Lett. B **708**, 37-54 (2012) doi:10.1016/j.physletb.2012.01.035 [arXiv:1108.6311 [hep-ex]].
- [1305] G. Aad *et al.* [ATLAS], Phys. Rev. D **85**, 012003 (2012) doi:10.1103/PhysRevD.85.012003 [arXiv:1107.0581 [hep-ex]].
- [1306] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **71**, 1744 (2011) doi:10.1140/epjc/s10052-011-1744-9 [arXiv:1107.0561 [hep-ex]].
- [1307] G. Aad *et al.* [ATLAS], JHEP **09**, 053 (2011) doi:10.1007/JHEP09(2011)053 [arXiv:1107.1641 [hep-ex]].
- [1308] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **71**, 1763 (2011) doi:10.1140/epjc/s10052-011-1763-6 [arXiv:1107.2092 [hep-ex]].
- [1309] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 191801 (2011) doi:10.1103/PhysRevLett.107.191801 [arXiv:1107.2304 [hep-ex]].
- [1310] G. Aad *et al.* [ATLAS], Phys. Lett. B **705**, 415-434 (2011) doi:10.1016/j.physletb.2011.10.018 [arXiv:1107.2381 [hep-ex]].
- [1311] G. Aad *et al.* [ATLAS], Phys. Rev. D **84**, 054001 (2011) doi:10.1103/PhysRevD.84.054001 [arXiv:1107.3311 [hep-ex]].

- [1312] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 201802 (2011) doi:10.1103/PhysRevLett.107.201802 [arXiv:1107.3753 [hep-ex]].
- [1313] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 191803 (2011) doi:10.1103/PhysRevLett.107.191803 [arXiv:1107.3574 [hep-ex]].
- [1314] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 102001 (2011) doi:10.1103/PhysRevLett.107.102001 [arXiv:1107.4015 [hep-ex]].
- [1315] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 261801 (2011) doi:10.1103/PhysRevLett.107.261801 [arXiv:1107.3875 [hep-ex]].
- [1316] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 261802 (2011) doi:10.1103/PhysRevLett.107.261802 [arXiv:1107.4999 [hep-ex]].
- [1317] G. Aad *et al.* [ATLAS], Phys. Lett. B **705**, 174-192 (2011) doi:10.1016/j.physletb.2011.10.001 [arXiv:1107.5003 [hep-ex]].
- [1318] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 072004 (2011) doi:10.1103/PhysRevD.84.072004 [arXiv:1107.5063 [hep-ex]].
- [1319] G. Aad *et al.* [ATLAS], JHEP **09**, 072 (2011) doi:10.1007/JHEP09(2011)072 [arXiv:1106.1592 [hep-ex]].
- [1320] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **71**, 1728 (2011) doi:10.1140/epjc/s10052-011-1728-9 [arXiv:1106.2748 [hep-ex]].
- [1321] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 052012 (2011) doi:10.1103/PhysRevD.84.052012 [arXiv:1106.3682 [hep-ex]].
- [1322] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 031104 (2011) doi:10.1103/PhysRevD.84.031104 [arXiv:1106.3970 [hep-ex]].
- [1323] G. Aad *et al.* [ATLAS], Phys. Lett. B **703**, 428-446 (2011) doi:10.1016/j.physletb.2011.08.042 [arXiv:1106.4495 [hep-ex]].
- [1324] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 032005 (2012) doi:10.1103/PhysRevD.85.032005 [arXiv:1106.4782 [hep-ex]].
- [1325] G. Aad *et al.* [ATLAS], Phys. Lett. B **705**, 294-312 (2011) doi:10.1016/j.physletb.2011.10.006 [arXiv:1106.5327 [hep-ex]].
- [1326] G. Aad *et al.* [ATLAS], Phys. Lett. B **705**, 9-27 (2011) doi:10.1016/j.physletb.2011.09.092 [arXiv:1106.5325 [hep-ex]].
- [1327] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 052006 (2011) doi:10.1103/PhysRevD.84.052006 [arXiv:1106.5131 [hep-ex]].
- [1328] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 102003 (2011) doi:10.1103/PhysRevLett.107.102003 [arXiv:1106.5123 [hep-ex]].
- [1329] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 091101 (2012) doi:10.1103/PhysRevD.85.091101 [arXiv:1106.5952 [hep-ex]].

- [1330] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 111101 (2011) doi:10.1103/PhysRevD.83.111101 [arXiv:1105.0192 [hep-ex]].
- [1331] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 032003 (2011) doi:10.1103/PhysRevD.84.032003 [arXiv:1105.1806 [hep-ex]].
- [1332] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 042001 (2011) doi:10.1103/PhysRevLett.107.042001 [arXiv:1105.2815 [hep-ex]].
- [1333] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 012003 (2011) doi:10.1103/PhysRevD.84.012003 [arXiv:1105.5995 [hep-ex]].
- [1334] G. Aad *et al.* [ATLAS], Nature Commun. **2**, 463 (2011) doi:10.1038/ncomms1472 [arXiv:1104.0326 [hep-ex]].
- [1335] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **106**, 171801 (2011) doi:10.1103/PhysRevLett.106.171801 [arXiv:1104.0699 [hep-ex]].
- [1336] T. Aaltonen *et al.* [CDF], Phys. Rev. D **85**, 032001 (2012) doi:10.1103/PhysRevD.85.032001 [arXiv:1104.1585 [hep-ex]].
- [1337] G. Aad *et al.* [ATLAS], Phys. Rev. D **83**, 112006 (2011) doi:10.1103/PhysRevD.83.112006 [arXiv:1104.4481 [hep-ex]].
- [1338] G. Aad *et al.* [ATLAS], Phys. Rev. D **84**, 011101 (2011) doi:10.1103/PhysRevD.84.011101 [arXiv:1104.4398 [hep-ex]].
- [1339] G. Aad *et al.* [ATLAS], Phys. Rev. Lett. **107**, 041802 (2011) doi:10.1103/PhysRevLett.107.041802 [arXiv:1104.5225 [hep-ex]].
- [1340] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 031801 (2011) doi:10.1103/PhysRevLett.107.031801 [arXiv:1104.5701 [hep-ex]].
- [1341] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 272001 (2011) doi:10.1103/PhysRevLett.107.272001 [arXiv:1103.1864 [hep-ex]].
- [1342] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **106**, 191801 (2011) doi:10.1103/PhysRevLett.106.191801 [arXiv:1103.2482 [hep-ex]].
- [1343] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 051802 (2011) doi:10.1103/PhysRevLett.107.051802 [arXiv:1103.2990 [hep-ex]].
- [1344] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **106**, 152001 (2011) doi:10.1103/PhysRevLett.106.152001 [arXiv:1103.2782 [hep-ex]].
- [1345] T. Aaltonen *et al.* [CDF and D0], [arXiv:1103.3233 [hep-ex]].
- [1346] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 031101 (2011) doi:10.1103/PhysRevD.84.031101 [arXiv:1103.4821 [hep-ex]].
- [1347] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **107**, 051801 (2011) doi:10.1103/PhysRevLett.107.051801 [arXiv:1103.4650 [hep-ex]].

- [1348] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 112007 (2011) doi:10.1103/PhysRevD.83.112007 [arXiv:1103.5143 [hep-ex]].
- [1349] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **106**, 241801 (2011) doi:10.1103/PhysRevLett.106.241801 [arXiv:1103.5699 [hep-ex]].
- [1350] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **106**, 181802 (2011) doi:10.1103/PhysRevLett.106.181802 [arXiv:1103.5762 [hep-ex]].
- [1351] G. Aad *et al.* [ATLAS], Phys. Lett. B **700**, 163-180 (2011) doi:10.1016/j.physletb.2011.04.044 [arXiv:1103.6218 [hep-ex]].
- [1352] T. Aaltonen *et al.* [CDF], Phys. Rev. D **84**, 052010 (2011) doi:10.1103/PhysRevD.84.052010 [arXiv:1102.0024 [hep-ex]].
- [1353] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 052012 (2011) doi:10.1103/PhysRevD.83.052012 [arXiv:1102.1961 [hep-ex]].
- [1354] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 112008 (2011) doi:10.1103/PhysRevD.83.112008 [arXiv:1102.4566 [hep-ex]].
- [1355] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 112003 (2011) doi:10.1103/PhysRevD.83.112003 [arXiv:1101.0034 [hep-ex]].
- [1356] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **106**, 161801 (2011) doi:10.1103/PhysRevLett.106.161801 [arXiv:1101.1028 [hep-ex]].
- [1357] T. Aaltonen *et al.* [CDF], Phys. Rev. D **86**, 012002 (2012) doi:10.1103/PhysRevD.86.012002 [arXiv:1101.2996 [hep-ex]].
- [1358] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **106**, 121801 (2011) doi:10.1103/PhysRevLett.106.121801 [arXiv:1101.4578 [hep-ex]].
- [1359] T. Aaltonen *et al.* [CDF], Phys. Lett. B **698**, 371-379 (2011) doi:10.1016/j.physletb.2011.03.041 [arXiv:1101.4926 [hep-ex]].
- [1360] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **106**, 141803 (2011) doi:10.1103/PhysRevLett.106.141803 [arXiv:1101.5728 [hep-ex]].
- [1361] T. Aaltonen *et al.* [CDF], Mod. Phys. Lett. A **32**, no.26, 1750139 (2017) doi:10.1142/S0217732317501395 [arXiv:1101.6058 [hep-ex]].
- [1362] G. Aad *et al.* [ATLAS], Eur. Phys. J. C **71**, 1846 (2011) doi:10.1140/epjc/s10052-011-1846-4 [arXiv:1109.6833 [hep-ex]].
- [1363] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 011102 (2011) doi:10.1103/PhysRevD.83.011102 [arXiv:1012.2795 [hep-ex]].
- [1364] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **106**, 121804 (2011) doi:10.1103/PhysRevLett.106.121804 [arXiv:1012.3138 [hep-ex]].
- [1365] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 031104 (2011) doi:10.1103/PhysRevD.83.031104 [arXiv:1012.3093 [hep-ex]].

- [1366] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 031102 (2011) doi:10.1103/PhysRevD.83.031102 [arXiv:1012.5145 [hep-ex]].
- [1367] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **105**, 252001 (2010) doi:10.1103/PhysRevLett.105.252001 [arXiv:1010.4582 [hep-ex]].
- [1368] T. Aaltonen *et al.* [CDF], Phys. Rev. D **82**, 092001 (2010) doi:10.1103/PhysRevD.82.092001 [arXiv:1009.0266 [hep-ex]].
- [1369] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **105**, 251802 (2010) doi:10.1103/PhysRevLett.105.251802 [arXiv:1009.3047 [hep-ex]].
- [1370] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **105**, 232003 (2010) doi:10.1103/PhysRevLett.105.232003 [arXiv:1008.3891 [hep-ex]].
- [1371] T. Aaltonen *et al.* [CDF], Phys. Rev. D **82**, 112001 (2010) doi:10.1103/PhysRevD.82.112001 [arXiv:1008.4404 [hep-ex]].
- [1372] T. Aaltonen *et al.* [CDF], Phys. Rev. D **82**, 091105 (2010) doi:10.1103/PhysRevD.82.091105 [arXiv:1008.5077 [hep-ex]].
- [1373] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 071102 (2011) doi:10.1103/PhysRevD.83.071102 [arXiv:1007.4423 [hep-ex]].
- [1374] T. Aaltonen *et al.* [CDF], Phys. Rev. D **82**, 112004 (2010) doi:10.1103/PhysRevD.82.112004 [arXiv:1007.5048 [hep-ex]].
- [1375] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **105**, 101801 (2010) doi:10.1103/PhysRevLett.105.101801 [arXiv:1006.4597 [hep-ex]].
- [1376] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **105**, 081802 (2010) doi:10.1103/PhysRevLett.105.081802 [arXiv:1005.3600 [hep-ex]].
- [1377] T. Aaltonen *et al.* [CDF and D0], Phys. Rev. D **82**, 011102 (2010) doi:10.1103/PhysRevD.82.011102 [arXiv:1005.3216 [hep-ex]].
- [1378] T. Aaltonen *et al.* [CDF], Phys. Rev. D **82**, 031103 (2010) doi:10.1103/PhysRevD.82.031103 [arXiv:1004.1140 [hep-ex]].
- [1379] T. Aaltonen *et al.* [CDF], Phys. Rev. D **82**, 112005 (2010) doi:10.1103/PhysRevD.82.112005 [arXiv:1004.1181 [hep-ex]].
- [1380] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **105**, 012001 (2010) doi:10.1103/PhysRevLett.105.012001 [arXiv:1004.3224 [hep-ex]].
- [1381] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **105**, 191801 (2010) doi:10.1103/PhysRevLett.105.191801 [arXiv:1004.3042 [hep-ex]].
- [1382] T. Aaltonen *et al.* [CDF], Phys. Rev. D **83**, 032008 (2011) doi:10.1103/PhysRevD.83.032008 [arXiv:1004.4855 [hep-ex]].
- [1383] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 241801 (2010) doi:10.1103/PhysRevLett.104.241801 [arXiv:1004.4946 [hep-ex]].

- [1384] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **105**, 042002 (2010) doi:10.1103/PhysRevLett.105.042002 [arXiv:1003.0224 [hep-ex]].
- [1385] T. Aaltonen *et al.* [CDF], Phys. Rev. D **82**, 034001 (2010) doi:10.1103/PhysRevD.82.034001 [arXiv:1003.3146 [hep-ex]].
- [1386] T. A. Aaltonen *et al.* [CDF], Phys. Lett. B **692**, 232-239 (2010) doi:10.1016/j.physletb.2010.06.043 [arXiv:0908.3914 [hep-ex]].
- [1387] T. Aaltonen *et al.* [CDF], Phys. Rev. D **81**, 052011 (2010) doi:10.1103/PhysRevD.81.052011 [arXiv:1002.0365 [hep-ex]].
- [1388] T. Aaltonen *et al.* [CDF], Phys. Rev. D **82**, 052002 (2010) doi:10.1103/PhysRevD.82.052002 [arXiv:1002.2919 [hep-ex]].
- [1389] T. Aaltonen *et al.* [CDF], Phys. Rev. D **81**, 092002 (2010) doi:10.1103/PhysRevD.81.092002 [arXiv:1002.3783 [hep-ex]].
- [1390] T. Aaltonen *et al.* [CDF], Phys. Rev. D **81**, 072003 (2010) doi:10.1103/PhysRevD.81.072003 [arXiv:1001.4577 [hep-ex]].
- [1391] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 061803 (2010) doi:10.1103/PhysRevLett.104.061803 [arXiv:1001.4468 [hep-ex]].
- [1392] T. Aaltonen *et al.* [CDF and D0], Phys. Rev. Lett. **104**, 061802 (2010) doi:10.1103/PhysRevLett.104.061802 [arXiv:1001.4162 [hep-ex]].
- [1393] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 091801 (2010) doi:10.1103/PhysRevLett.104.091801 [arXiv:0912.1057 [hep-ex]].
- [1394] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 251801 (2010) doi:10.1103/PhysRevLett.104.251801 [arXiv:0912.1308 [hep-ex]].
- [1395] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 111802 (2010) doi:10.1103/PhysRevLett.104.111802 [arXiv:0912.2059 [hep-ex]].
- [1396] T. Aaltonen *et al.* [CDF], Phys. Rev. D **81**, 052006 (2010) doi:10.1103/PhysRevD.81.052006 [arXiv:0912.3453 [hep-ex]].
- [1397] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 102002 (2010) doi:10.1103/PhysRevLett.104.102002 [arXiv:0912.3566 [hep-ex]].
- [1398] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 201801 (2010) doi:10.1103/PhysRevLett.104.201801 [arXiv:0912.4500 [hep-ex]].
- [1399] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **105**, 131801 (2010) doi:10.1103/PhysRevLett.105.131801 [arXiv:0912.4691 [hep-ex]].
- [1400] T. Aaltonen *et al.* [CDF], Phys. Rev. D **81**, 031105 (2010) doi:10.1103/PhysRevD.81.031105 [arXiv:0911.0425 [hep-ex]].
- [1401] T. Aaltonen *et al.* [CDF], Phys. Rev. D **81**, 031102 (2010) doi:10.1103/PhysRevD.81.031102 [arXiv:0911.2956 [hep-ex]].

- [1402] T. Aaltonen *et al.* [CDF], Phys. Lett. B **691**, 183-190 (2010) doi:10.1016/j.physletb.2010.06.036 [arXiv:0911.3112 [hep-ex]].
- [1403] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 141801 (2010) doi:10.1103/PhysRevLett.104.141801 [arXiv:0911.3935 [hep-ex]].
- [1404] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 101801 (2010) doi:10.1103/PhysRevLett.104.101801 [arXiv:0911.4449 [hep-ex]].
- [1405] T. Aaltonen *et al.* [CDF], Phys. Rev. D **81**, 032002 (2010) doi:10.1103/PhysRevD.81.032002 [arXiv:0910.0969 [hep-ex]].
- [1406] C. P. Hays, A. V. Kotwal and O. Stelzer-Chilton, Mod. Phys. Lett. A **24**, 2387-2403 (2009) doi:10.1142/S021773230903179X [arXiv:0910.1770 [hep-ex]].
- [1407] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 011801 (2010) doi:10.1103/PhysRevLett.104.011801 [arXiv:0910.3606 [hep-ex]].
- [1408] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 111106 (2009) doi:10.1103/PhysRevD.80.111106 [arXiv:0910.3623 [hep-ex]].
- [1409] T. Aaltonen *et al.* [CDF], Phys. Rev. D **82**, 052005 (2010) doi:10.1103/PhysRevD.82.052005 [arXiv:0910.5170 [hep-ex]].
- [1410] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **104**, 131801 (2010) doi:10.1103/PhysRevLett.104.131801 [arXiv:0909.1505 [hep-ex]].
- [1411] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 071101 (2009) doi:10.1103/PhysRevD.80.071101 [arXiv:0908.3534 [hep-ex]].
- [1412] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 221801 (2009) doi:10.1103/PhysRevLett.103.221801 [arXiv:0907.0810 [hep-ex]].
- [1413] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 101803 (2009) doi:10.1103/PhysRevLett.103.101803 [arXiv:0907.1269 [hep-ex]].
- [1414] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 011102 (2009) doi:10.1103/PhysRevD.80.011102 [arXiv:0906.0518 [hep-ex]].
- [1415] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 201801 (2009) doi:10.1103/PhysRevLett.103.201801 [arXiv:0906.1014 [hep-ex]].
- [1416] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 152001 (2009) doi:10.1103/PhysRevLett.103.152001 [arXiv:0906.5218 [hep-ex]].
- [1417] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 051104 (2009) doi:10.1103/PhysRevD.80.051104 [arXiv:0906.5371 [hep-ex]].
- [1418] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 101802 (2009) doi:10.1103/PhysRevLett.103.101802 [arXiv:0906.5613 [hep-ex]].
- [1419] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 052003 (2009) doi:10.1103/PhysRevD.80.052003 [arXiv:0905.0231 [hep-ex]].

- [1420] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 052001 (2009) doi:10.1103/PhysRevD.80.052001 [arXiv:0905.0277 [hep-ex]].
- [1421] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 061803 (2009) doi:10.1103/PhysRevLett.103.061803 [arXiv:0905.0413 [hep-ex]].
- [1422] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 031103 (2009) doi:10.1103/PhysRevD.80.031103 [arXiv:0905.1982 [hep-ex]].
- [1423] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 072003 (2009) doi:10.1103/PhysRevD.80.072003 [arXiv:0905.3123 [hep-ex]].
- [1424] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 012002 (2009) doi:10.1103/PhysRevD.80.012002 [arXiv:0905.3155 [hep-ex]].
- [1425] K. K. Yadav, R. C. Rannot, P. Chandra, A. K. Tickoo, S. Thoudam, K. Venugopal, N. Bhatt, S. Bhattacharyya, K. Chanchalani and V. K. Dhar, *et al.* J. Phys. G **36**, 085201 (2009) doi:10.1088/0954-3899/36/8/085201 [arXiv:0905.3994 [astro-ph.CO]].
- [1426] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 091803 (2009) doi:10.1103/PhysRevLett.103.091803 [arXiv:0905.4714 [hep-ex]].
- [1427] K. Bachas *et al.* [ATLAS], ATL-PHYS-PUB-2009-038.
- [1428] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 112005 (2009) [erratum: Phys. Rev. D **82**, 119903 (2010)] doi:10.1103/PhysRevD.79.112005 [arXiv:0904.1098 [hep-ex]].
- [1429] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 112011 (2009) doi:10.1103/PhysRevD.79.112011 [arXiv:0903.0814 [hep-ex]].
- [1430] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 092002 (2009) doi:10.1103/PhysRevLett.103.092002 [arXiv:0903.0885 [hep-ex]].
- [1431] T. Aaltonen *et al.* [CDF], Eur. Phys. J. C **62**, 319-326 (2009) doi:10.1140/epjc/s10052-009-1057-4 [arXiv:0903.2060 [hep-ex]].
- [1432] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 242002 (2009) doi:10.1103/PhysRevLett.102.242002 [arXiv:0903.2229 [hep-ex]].
- [1433] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 092003 (2009) doi:10.1103/PhysRevD.79.092003 [arXiv:0903.2403 [hep-ex]].
- [1434] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 221801 (2009) doi:10.1103/PhysRevLett.102.221801 [arXiv:0903.2618 [hep-ex]].
- [1435] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 222003 (2009) doi:10.1103/PhysRevLett.102.222003 [arXiv:0903.2850 [hep-ex]].
- [1436] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 112007 (2009) doi:10.1103/PhysRevD.79.112007 [arXiv:0903.5263 [hep-ex]].
- [1437] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 021802 (2009) doi:10.1103/PhysRevLett.103.021802 [arXiv:0902.1266 [hep-ex]].

- [1438] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 242001 (2009) doi:10.1103/PhysRevLett.102.242001 [arXiv:0902.1271 [hep-ex]].
- [1439] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 222002 (2009) doi:10.1103/PhysRevLett.102.222002 [arXiv:0902.2816 [hep-ex]].
- [1440] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 041801 (2009) doi:10.1103/PhysRevLett.103.041801 [arXiv:0902.3276 [hep-ex]].
- [1441] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 181801 (2009) doi:10.1103/PhysRevLett.102.181801 [arXiv:0901.2169 [hep-ex]].
- [1442] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 072005 (2009) doi:10.1103/PhysRevD.79.072005 [arXiv:0901.3773 [hep-ex]].
- [1443] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 201801 (2009) doi:10.1103/PhysRevLett.102.201801 [arXiv:0901.3803 [hep-ex]].
- [1444] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 052007 (2009) doi:10.1103/PhysRevD.79.052007 [arXiv:0901.4142 [hep-ex]].
- [1445] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 151801 (2009) doi:10.1103/PhysRevLett.102.151801 [arXiv:0812.3400 [hep-ex]].
- [1446] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 112002 (2009) doi:10.1103/PhysRevD.79.112002 [arXiv:0812.4036 [hep-ex]].
- [1447] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 031801 (2009) doi:10.1103/PhysRevLett.103.031801 [arXiv:0812.4271 [hep-ex]].
- [1448] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 052008 (2009) doi:10.1103/PhysRevD.79.052008 [arXiv:0812.4458 [hep-ex]].
- [1449] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 072001 (2009) doi:10.1103/PhysRevD.79.072001 [arXiv:0812.4469 [hep-ex]].
- [1450] A. V. Kotwal and J. Stark, Ann. Rev. Nucl. Part. Sci. **58**, 147-175 (2008) doi:10.1146/annurev.nucl.58.110707.171227
- [1451] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 091805 (2009) doi:10.1103/PhysRevLett.102.091805 [arXiv:0811.0053 [hep-ex]].
- [1452] T. Aaltonen *et al.* [CDF], Phys. Lett. B **674**, 160-167 (2009) doi:10.1016/j.physletb.2009.02.040 [arXiv:0811.0344 [hep-ex]].
- [1453] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 072010 (2009) doi:10.1103/PhysRevD.79.072010 [arXiv:0811.1062 [hep-ex]].
- [1454] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 121801 (2009) doi:10.1103/PhysRevLett.102.121801 [arXiv:0811.2512 [hep-ex]].
- [1455] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 232002 (2009) doi:10.1103/PhysRevLett.102.232002 [arXiv:0811.2820 [hep-ex]].

- [1456] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 031801 (2009) doi:10.1103/PhysRevLett.102.031801 [arXiv:0810.2059 [hep-ex]].
- [1457] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 032001 (2009) doi:10.1103/PhysRevD.79.032001 [arXiv:0810.3213 [hep-ex]].
- [1458] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 052004 (2009) doi:10.1103/PhysRevD.79.052004 [arXiv:0810.3522 [hep-ex]].
- [1459] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **103**, 191802 (2009) doi:10.1103/PhysRevLett.103.191802 [arXiv:0809.0080 [hep-ex]].
- [1460] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **101**, 252001 (2008) doi:10.1103/PhysRevLett.101.252001 [arXiv:0809.2581 [hep-ex]].
- [1461] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 011101 (2009) doi:10.1103/PhysRevD.79.011101 [arXiv:0809.3781 [hep-ex]].
- [1462] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 021802 (2009) doi:10.1103/PhysRevLett.102.021802 [arXiv:0809.3930 [hep-ex]].
- [1463] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 092005 (2009) doi:10.1103/PhysRevD.79.092005 [arXiv:0809.4808 [hep-ex]].
- [1464] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 041801 (2009) doi:10.1103/PhysRevLett.102.041801 [arXiv:0809.4903 [hep-ex]].
- [1465] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 102003 (2009) doi:10.1103/PhysRevLett.102.102003 [arXiv:0809.5007 [hep-ex]].
- [1466] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **101**, 121801 (2008) doi:10.1103/PhysRevLett.101.121801 [arXiv:0808.2161 [hep-ex]].
- [1467] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 042001 (2009) doi:10.1103/PhysRevLett.102.042001 [arXiv:0808.2167 [hep-ex]].
- [1468] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **101**, 251801 (2008) doi:10.1103/PhysRevLett.101.251801 [arXiv:0808.2446 [hep-ex]].
- [1469] T. Aaltonen *et al.* [CDF], Phys. Rev. D **78**, 052006 (2008) [erratum: Phys. Rev. D **79**, 119902 (2009)] doi:10.1103/PhysRevD.78.052006 [arXiv:0807.2204 [hep-ex]].
- [1470] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **101**, 181602 (2008) doi:10.1103/PhysRevLett.101.181602 [arXiv:0807.3132 [hep-ex]].
- [1471] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 031101 (2009) doi:10.1103/PhysRevD.79.031101 [arXiv:0807.4262 [hep-ex]].
- [1472] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **101**, 251803 (2008) doi:10.1103/PhysRevLett.101.251803 [arXiv:0807.4493 [hep-ex]].
- [1473] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **102**, 152001 (2009) doi:10.1103/PhysRevLett.102.152001 [arXiv:0807.4652 [hep-ex]].

- [1474] T. Aaltonen *et al.* [CDF], Phys. Rev. D **78**, 072005 (2008) doi:10.1103/PhysRevD.78.072005 [arXiv:0806.1699 [hep-ex]].
- [1475] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **101**, 202001 (2008) doi:10.1103/PhysRevLett.101.202001 [arXiv:0806.2472 [hep-ex]].
- [1476] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **101**, 192002 (2008) doi:10.1103/PhysRevLett.101.192002 [arXiv:0805.2109 [hep-ex]].
- [1477] T. Aaltonen *et al.* [CDF], Phys. Rev. D **78**, 032015 (2008) doi:10.1103/PhysRevD.78.032015 [arXiv:0804.1043 [hep-ex]].
- [1478] S. V. Godambe, R. C. Rannot, P. Chandra, K. K. Yadav, A. K. Tickoo, K. Venugopal, N. Bhatt, S. Bhattacharyya, K. Chanchalani and V. K. Dhar, *et al.* J. Phys. G **35**, 065202 (2008) doi:10.1088/0954-3899/35/6/065202 [arXiv:0804.1473 [astro-ph]].
- [1479] T. Aaltonen *et al.* [CDF], Phys. Rev. D **79**, 011104 (2009) doi:10.1103/PhysRevD.79.011104 [arXiv:0804.3908 [hep-ex]].
- [1480] T. Aaltonen *et al.* [CDF], Phys. Rev. D **78**, 032008 (2008) doi:10.1103/PhysRevD.78.032008 [arXiv:0803.3493 [hep-ex]].
- [1481] T. Aaltonen *et al.* [CDF], Phys. Rev. D **80**, 052011 (2009) doi:10.1103/PhysRevD.80.052011 [arXiv:0803.4264 [hep-ex]].
- [1482] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 211801 (2008) doi:10.1103/PhysRevLett.100.211801 [arXiv:0802.0432 [hep-ex]].
- [1483] T. Aaltonen *et al.* [CDF], Phys. Rev. D **77**, 092001 (2008) doi:10.1103/PhysRevD.77.092001 [arXiv:0802.3182 [hep-ex]].
- [1484] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **101**, 071802 (2008) doi:10.1103/PhysRevLett.101.071802 [arXiv:0802.3887 [hep-ex]].
- [1485] T. Aaltonen *et al.* [CDF], Phys. Rev. D **78**, 012008 (2008) doi:10.1103/PhysRevD.78.012008 [arXiv:0801.1129 [hep-ex]].
- [1486] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 161803 (2008) doi:10.1103/PhysRevLett.100.161803 [arXiv:0801.3877 [hep-ex]].
- [1487] T. Aaltonen *et al.* [CDF], Phys. Rev. D **77**, 072003 (2008) doi:10.1103/PhysRevD.77.072003 [arXiv:0801.4375 [hep-ex]].
- [1488] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 201801 (2008) doi:10.1103/PhysRevLett.100.201801 [arXiv:0801.4806 [hep-ex]].
- [1489] C. P. Hays, B. Jayatilaka, A. Kotwal, L. Nodulman, O. Stelzer-Chilton, W. Trischuk and I. Vollrath, J. Phys. Conf. Ser. **110**, 122019 (2008) doi:10.1088/1742-6596/110/12/122019
- [1490] T. Aaltonen *et al.* [CDF], Phys. Rev. D **77**, 052004 (2008) doi:10.1103/PhysRevD.77.052004 [arXiv:0712.0604 [hep-ex]].
- [1491] T. Aaltonen *et al.* [CDF], Phys. Rev. D **78**, 012002 (2008) doi:10.1103/PhysRevD.78.012002 [arXiv:0712.1311 [hep-ex]].

- [1492] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 182002 (2008) doi:10.1103/PhysRevLett.100.182002 [arXiv:0712.1506 [hep-ex]].
- [1493] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 101802 (2008) doi:10.1103/PhysRevLett.100.101802 [arXiv:0712.1708 [hep-ex]].
- [1494] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 121802 (2008) doi:10.1103/PhysRevLett.100.121802 [arXiv:0712.1567 [hep-ex]].
- [1495] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 121803 (2008) doi:10.1103/PhysRevLett.100.121803 [arXiv:0712.2348 [hep-ex]].
- [1496] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 161802 (2008) doi:10.1103/PhysRevLett.100.161802 [arXiv:0712.2397 [hep-ex]].
- [1497] T. Aaltonen *et al.* [CDF], doi:10.2172/922303 [arXiv:0712.2534 [hep-ex]].
- [1498] T. Aaltonen *et al.* [CDF], Phys. Rev. D **78**, 111101 (2008) doi:10.1103/PhysRevD.78.111101 [arXiv:0712.3273 [hep-ex]].
- [1499] T. Aaltonen *et al.* [CDF], Phys. Rev. D **77**, 072004 (2008) doi:10.1103/PhysRevD.77.072004 [arXiv:0710.1895 [hep-ex]].
- [1500] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 091803 (2008) doi:10.1103/PhysRevLett.100.091803 [arXiv:0711.2901 [hep-ex]].
- [1501] T. Aaltonen *et al.* [CDF], Phys. Rev. D **77**, 052002 (2008) doi:10.1103/PhysRevD.77.052002 [arXiv:0711.3161 [hep-ex]].
- [1502] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 102001 (2008) doi:10.1103/PhysRevLett.100.102001 [arXiv:0711.3717 [hep-ex]].
- [1503] T. Aaltonen *et al.* [CDF], Phys. Rev. D **77**, 011108 (2008) doi:10.1103/PhysRevD.77.011108 [arXiv:0711.4044 [hep-ex]].
- [1504] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 021803 (2008) doi:10.1103/PhysRevLett.100.021803
- [1505] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 062005 (2008) doi:10.1103/PhysRevLett.100.062005 [arXiv:0710.4037 [hep-ex]].
- [1506] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 071801 (2008) doi:10.1103/PhysRevLett.100.071801 [arXiv:0710.4112 [hep-ex]].
- [1507] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 082001 (2008) doi:10.1103/PhysRevLett.100.082001 [arXiv:0710.4199 [hep-ex]].
- [1508] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 041801 (2008) doi:10.1103/PhysRevLett.100.041801 [arXiv:0710.4363 [hep-ex]].
- [1509] T. Aaltonen *et al.* [CDF], Phys. Rev. D **77**, 051102 (2008) doi:10.1103/PhysRevD.77.051102 [arXiv:0710.5335 [hep-ex]].

- [1510] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **100**, 231801 (2008) doi:10.1103/PhysRevLett.100.231801 [arXiv:0709.0705 [hep-ex]].
- [1511] T. Aaltonen *et al.* [CDF], Phys. Rev. D **77**, 112001 (2008) doi:10.1103/PhysRevD.77.112001 [arXiv:0708.3642 [hep-ex]].
- [1512] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **99**, 151801 (2007) doi:10.1103/PhysRevLett.99.151801 [arXiv:0707.0085 [hep-ex]].
- [1513] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **99**, 052002 (2007) doi:10.1103/PhysRevLett.99.052002 [arXiv:0707.0589 [hep-ex]].
- [1514] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **99**, 171801 (2007) doi:10.1103/PhysRevLett.99.171801 [arXiv:0707.2294 [hep-ex]].
- [1515] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **99**, 191806 (2007) doi:10.1103/PhysRevLett.99.191806 [arXiv:0707.2362 [hep-ex]].
- [1516] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **99**, 242002 (2007) doi:10.1103/PhysRevLett.99.242002 [arXiv:0707.2374 [hep-ex]].
- [1517] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **99**, 171802 (2007) doi:10.1103/PhysRevLett.99.171802 [arXiv:0707.2524 [hep-ex]].
- [1518] T. Aaltonen *et al.* [CDF], Phys. Rev. D **76**, 072010 (2007) doi:10.1103/PhysRevD.76.072010 [arXiv:0707.2567 [hep-ex]].
- [1519] R. Koul, A. K. Tickoo, S. K. Kaul, S. R. Kaul, N. Kumar, K. K. Yadav, N. Bhatt, K. Venugopal, H. C. Goyal and M. Kothari, *et al.* Nucl. Instrum. Meth. A **578**, 548-564 (2007) doi:10.1016/j.nima.2007.06.011 [arXiv:0706.2055 [astro-ph]].
- [1520] T. Aaltonen *et al.* [CDF], Phys. Rev. D **77**, 091105 (2008) doi:10.1103/PhysRevD.77.091105 [arXiv:0706.2832 [hep-ex]].
- [1521] T. Aaltonen *et al.* [CDF], Phys. Rev. D **76**, 072006 (2007) doi:10.1103/PhysRevD.76.072006 [arXiv:0706.3264 [hep-ex]].
- [1522] T. Aaltonen *et al.* [CDF], Phys. Rev. D **76**, 072009 (2007) doi:10.1103/PhysRevD.76.072009 [arXiv:0706.3790 [hep-ex]].
- [1523] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **99**, 202001 (2007) doi:10.1103/PhysRevLett.99.202001 [arXiv:0706.3868 [hep-ex]].
- [1524] A. Abulencia *et al.* [CDF], Phys. Rev. D **79**, 112003 (2009) doi:10.1103/PhysRevD.79.112003 [arXiv:0905.2146 [hep-ex]].
- [1525] T. Aaltonen *et al.* [CDF], Phys. Rev. D **75**, 111103 (2007) doi:10.1103/PhysRevD.75.111103 [arXiv:0705.1594 [hep-ex]].
- [1526] T. Aaltonen *et al.* [CDF], Phys. Rev. D **76**, 111103 (2007) doi:10.1103/PhysRevD.76.111103 [arXiv:0705.2247 [hep-ex]].
- [1527] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **99**, 132001 (2007) doi:10.1103/PhysRevLett.99.132001 [arXiv:0704.0638 [hep-ex]].

- [1528] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **99**, 121801 (2007)
doi:10.1103/PhysRevLett.99.121801 [arXiv:0704.0760 [hep-ex]].
- [1529] S. V. Godambe, R. C. Rannot, K. S. Baliyan, A. K. Tickoo, S. Thoudam, V. K. Dhar, P. Chandra, K. K. Yadav, K. Venugopal and N. Bhatt, *et al.* J. Phys. G **34**, 1683-1696 (2007)
doi:10.1088/0954-3899/34/7/009 [arXiv:0704.3533 [astro-ph]].
- [1530] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 232001 (2007)
doi:10.1103/PhysRevLett.98.232001 [arXiv:hep-ex/0703028 [hep-ex]].
- [1531] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **99**, 182002 (2007)
doi:10.1103/PhysRevLett.99.182002 [arXiv:hep-ex/0703045 [hep-ex]].
- [1532] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 161801 (2007)
doi:10.1103/PhysRevLett.98.161801 [arXiv:hep-ex/0702027 [hep-ex]].
- [1533] A. Abulencia *et al.* [CDF], Phys. Rev. D **75**, 112001 (2007)
doi:10.1103/PhysRevD.75.112001 [arXiv:hep-ex/0702029 [hep-ex]].
- [1534] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 251801 (2007)
doi:10.1103/PhysRevLett.98.251801 [arXiv:hep-ex/0702037 [hep-ex]].
- [1535] A. Abulencia *et al.* [CDF], Phys. Rev. D **75**, 092004 (2007)
doi:10.1103/PhysRevD.75.092004
- [1536] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 221803 (2007)
doi:10.1103/PhysRevLett.98.221803 [arXiv:hep-ex/0702051 [hep-ex]].
- [1537] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 131804 (2007)
doi:10.1103/PhysRevLett.98.131804 [arXiv:0706.4448 [hep-ex]].
- [1538] A. Abulencia *et al.* [CDF], Phys. Rev. D **75**, 092006 (2007) [erratum: Phys. Rev. D **75**, 119901 (2007)] doi:10.1103/PhysRevD.75.092006 [arXiv:hep-ex/0701051 [hep-ex]].
- [1539] K. K. Yadav, P. Chandra, A. K. Tickoo, R. C. Rannot, S. Godambe, M. K. Koul, V. K. Dhar, S. Thoudam, N. Bhatt and S. Bhattacharyya, *et al.* Astropart. Phys. **27**, 447-454 (2007) doi:10.1016/j.astropartphys.2007.01.005 [arXiv:astro-ph/0701890 [astro-ph]].
- [1540] A. Abulencia *et al.* [CDF], Phys. Rev. D **75**, 052001 (2007)
doi:10.1103/PhysRevD.75.052001 [arXiv:hep-ex/0612011 [hep-ex]].
- [1541] A. Abulencia *et al.* [CDF], Phys. Rev. D **75**, 012010 (2007)
doi:10.1103/PhysRevD.75.012010 [arXiv:hep-ex/0612015 [hep-ex]].
- [1542] T. Aaltonen *et al.* [CDF], Phys. Rev. Lett. **98**, 142001 (2007)
doi:10.1103/PhysRevLett.98.142001 [arXiv:hep-ex/0612026 [hep-ex]].
- [1543] A. Baranovski *et al.* [CDF], Nucl. Instrum. Meth. A **572**, 399-401 (2007)
doi:10.1016/j.nima.2006.11.048
- [1544] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 132002 (2007)
doi:10.1103/PhysRevLett.98.132002 [arXiv:hep-ex/0612053 [hep-ex]].

- [1545] A. Abulencia *et al.* [CDF], Phys. Rev. D **78**, 012003 (2008)
doi:10.1103/PhysRevD.78.012003 [arXiv:hep-ex/0612058 [hep-ex]].
- [1546] A. Abulencia *et al.* [CDF], Phys. Rev. D **75**, 031105 (2007)
doi:10.1103/PhysRevD.75.031105 [arXiv:hep-ex/0612060 [hep-ex]].
- [1547] A. Abulencia *et al.* [CDF], Phys. Rev. D **75**, 071102 (2007)
doi:10.1103/PhysRevD.75.071102 [arXiv:hep-ex/0612061 [hep-ex]].
- [1548] A. Abulencia *et al.* [CDF], Phys. Rev. D **75**, 032003 (2007)
doi:10.1103/PhysRevD.75.032003 [arXiv:hep-ex/0612066 [hep-ex]].
- [1549] H. Gerberich, C. P. Hays and A. Kotwal, [arXiv:hep-ex/0611006 [hep-ex]].
- [1550] A. Abulencia *et al.* [CDF], Phys. Rev. D **75**, 091101 (2007)
doi:10.1103/PhysRevD.75.091101 [arXiv:hep-ex/0611022 [hep-ex]].
- [1551] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 112001 (2007)
doi:10.1103/PhysRevLett.98.112001 [arXiv:hep-ex/0611040 [hep-ex]].
- [1552] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 061802 (2007)
doi:10.1103/PhysRevLett.98.061802 [arXiv:hep-ex/0610045 [hep-ex]].
- [1553] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 122001 (2007)
doi:10.1103/PhysRevLett.98.122001 [arXiv:hep-ex/0609021 [hep-ex]].
- [1554] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **97**, 242003 (2006)
doi:10.1103/PhysRevLett.97.242003 [arXiv:hep-ex/0609040 [hep-ex]].
- [1555] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 072001 (2007)
doi:10.1103/PhysRevLett.98.072001 [arXiv:hep-ex/0608062 [hep-ex]].
- [1556] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **97**, 211802 (2006)
doi:10.1103/PhysRevLett.97.211802 [arXiv:hep-ex/0607021 [hep-ex]].
- [1557] A. Abulencia *et al.* [CDF], Phys. Rev. D **74**, 072006 (2006)
doi:10.1103/PhysRevD.74.072006 [arXiv:hep-ex/0607035 [hep-ex]].
- [1558] A. Abulencia *et al.* [CDF], Phys. Rev. D **74**, 072005 (2006)
doi:10.1103/PhysRevD.74.072005 [arXiv:hep-ex/0607095 [hep-ex]].
- [1559] J. Antos *et al.* [CDF], IEEE Trans. Nucl. Sci. **53**, 2897-2906 (2006)
doi:10.1109/TNS.2006.881908 [arXiv:physics/0606042 [physics.ins-det]].
- [1560] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **97**, 082004 (2006)
doi:10.1103/PhysRevLett.97.082004 [arXiv:hep-ex/0606017 [hep-ex]].
- [1561] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **97**, 062003 (2006)
doi:10.1103/PhysRevLett.97.062003 [arXiv:hep-ex/0606027 [hep-ex]].
- [1562] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **97**, 191802 (2006)
doi:10.1103/PhysRevLett.97.191802 [arXiv:hep-ex/0606043 [hep-ex]].

- [1563] A. Abulencia *et al.* [CDF], Phys. Rev. D **74**, 031109 (2006)
doi:10.1103/PhysRevD.74.031109 [arXiv:hep-ex/0605027 [hep-ex]].
- [1564] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **97**, 031801 (2006)
doi:10.1103/PhysRevLett.97.031801 [arXiv:hep-ex/0605097 [hep-ex]].
- [1565] A. Abulencia *et al.* [CDF], Phys. Rev. D **74**, 032008 (2006)
doi:10.1103/PhysRevD.74.032008 [arXiv:hep-ex/0605099 [hep-ex]].
- [1566] A. Abulencia *et al.* [CDF], Phys. Rev. D **74**, 032009 (2006)
doi:10.1103/PhysRevD.74.032009 [arXiv:hep-ex/0605118 [hep-ex]].
- [1567] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **97**, 081802 (2006)
doi:10.1103/PhysRevLett.97.081802 [arXiv:hep-ex/0605124 [hep-ex]].
- [1568] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **97**, 171802 (2006)
doi:10.1103/PhysRevLett.97.171802 [arXiv:hep-ex/0605101 [hep-ex]].
- [1569] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 211802 (2006)
doi:10.1103/PhysRevLett.96.211802 [arXiv:hep-ex/0603006 [hep-ex]].
- [1570] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **97**, 012002 (2006)
doi:10.1103/PhysRevLett.97.012002 [arXiv:hep-ex/0603027 [hep-ex]].
- [1571] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 202002 (2006)
doi:10.1103/PhysRevLett.96.202002 [arXiv:hep-ex/0603043 [hep-ex]].
- [1572] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 231801 (2006)
doi:10.1103/PhysRevLett.96.231801 [arXiv:hep-ex/0602005 [hep-ex]].
- [1573] A. Abulencia *et al.* [CDF], Phys. Rev. D **73**, 112006 (2006)
doi:10.1103/PhysRevD.73.112006 [arXiv:hep-ex/0602008 [hep-ex]].
- [1574] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 211801 (2006)
doi:10.1103/PhysRevLett.96.211801 [arXiv:hep-ex/0602045 [hep-ex]].
- [1575] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **98**, 122002 (2007)
doi:10.1103/PhysRevLett.98.122002 [arXiv:hep-ex/0601003 [hep-ex]].
- [1576] A. Abulencia *et al.* [CDF], Phys. Rev. D **73**, 092002 (2006)
doi:10.1103/PhysRevD.73.092002 [arXiv:hep-ex/0512009 [hep-ex]].
- [1577] A. Abulencia *et al.* [CDF], Phys. Rev. D **74**, 071103 (2006)
doi:10.1103/PhysRevD.74.071103 [arXiv:hep-ex/0512020 [hep-ex]].
- [1578] A. Abulencia *et al.* [CDF], Phys. Rev. D **73**, 051102 (2006)
doi:10.1103/PhysRevD.73.051102 [arXiv:hep-ex/0512055 [hep-ex]].
- [1579] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 081803 (2006)
doi:10.1103/PhysRevLett.96.081803 [arXiv:hep-ex/0512051 [hep-ex]].
- [1580] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 122001 (2006)
doi:10.1103/PhysRevLett.96.122001 [arXiv:hep-ex/0512062 [hep-ex]].

- [1581] A. Abulencia *et al.* [CDF], Phys. Rev. D **73**, 051101 (2006) doi:10.1103/PhysRevD.73.051101 [arXiv:hep-ex/0512065 [hep-ex]].
- [1582] A. Abulencia *et al.* [CDF], Phys. Rev. D **73**, 051104 (2006) doi:10.1103/PhysRevD.73.051104 [arXiv:hep-ex/0512069 [hep-ex]].
- [1583] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 152002 (2006) doi:10.1103/PhysRevLett.96.152002 [arXiv:hep-ex/0512070 [hep-ex]].
- [1584] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 171802 (2006) doi:10.1103/PhysRevLett.96.171802 [arXiv:hep-ex/0512072 [hep-ex]].
- [1585] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 102002 (2006) doi:10.1103/PhysRevLett.96.102002 [arXiv:hep-ex/0512074 [hep-ex]].
- [1586] A. Abulencia *et al.* [CDF], Phys. Rev. D **73**, 111103 (2006) doi:10.1103/PhysRevD.73.111103 [arXiv:hep-ex/0511023 [hep-ex]].
- [1587] A. Abulencia *et al.* [CDF], Phys. Rev. D **73**, 032003 (2006) doi:10.1103/PhysRevD.73.032003 [arXiv:hep-ex/0510048 [hep-ex]].
- [1588] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 022004 (2006) doi:10.1103/PhysRevLett.96.022004 [arXiv:hep-ex/0510049 [hep-ex]].
- [1589] A. Abulencia *et al.* [CDF], Phys. Lett. B **639**, 172-178 (2006) doi:10.1016/j.physletb.2006.06.030 [arXiv:hep-ex/0510063 [hep-ex]].
- [1590] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 042003 (2006) doi:10.1103/PhysRevLett.96.042003 [arXiv:hep-ex/0510065 [hep-ex]].
- [1591] B. Ashmanskas *et al.* [Tevatron Electroweak Working Group, CDF and D0], [arXiv:hep-ex/0510077 [hep-ex]].
- [1592] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 201801 (2006) doi:10.1103/PhysRevLett.96.201801 [arXiv:hep-ex/0509015 [hep-ex]].
- [1593] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 191801 (2006) doi:10.1103/PhysRevLett.96.191801 [arXiv:hep-ex/0508014 [hep-ex]].
- [1594] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **96**, 202001 (2006) doi:10.1103/PhysRevLett.96.202001 [arXiv:hep-ex/0508022 [hep-ex]].
- [1595] A. Abulencia *et al.* [CDF], J. Phys. G **34**, 2457-2544 (2007) doi:10.1088/0954-3899/34/12/001 [arXiv:hep-ex/0508029 [hep-ex]].
- [1596] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **95**, 221805 (2005) [erratum: Phys. Rev. Lett. **95**, 249905 (2005)] doi:10.1103/PhysRevLett.95.221805 [arXiv:hep-ex/0508036 [hep-ex]].
- [1597] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 011802 (2006) doi:10.1103/PhysRevLett.96.011802 [arXiv:hep-ex/0508051 [hep-ex]].
- [1598] S. Thoudam, K. K. Yadav, R. C. Rannot, S. Sahayanathan, M. Sharma, K. Venugopal, N. Bhatt, S. Bhattacharyya, P. Chandra and V. K. Dhar, *et al.*

- [1599] D. Acosta *et al.* [CDF], Phys. Rev. D **72**, 051104 (2005) doi:10.1103/PhysRevD.72.051104 [arXiv:hep-ex/0507067 [hep-ex]].
- [1600] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **95**, 252001 (2005) doi:10.1103/PhysRevLett.95.252001 [arXiv:hep-ex/0507104 [hep-ex]].
- [1601] V. M. Abazov *et al.* [D0], Nucl. Instrum. Meth. A **565**, 463-537 (2006) doi:10.1016/j.nima.2006.05.248 [arXiv:physics/0507191 [physics.ins-det]].
- [1602] D. Acosta *et al.* [CDF], Phys. Rev. D **72**, 032002 (2005) doi:10.1103/PhysRevD.72.032002 [arXiv:hep-ex/0506001 [hep-ex]].
- [1603] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **95**, 131801 (2005) doi:10.1103/PhysRevLett.95.131801 [arXiv:hep-ex/0506034 [hep-ex]].
- [1604] D. Acosta *et al.* [CDF], Phys. Rev. D **72**, 051107 (2005) doi:10.1103/PhysRevD.72.051107 [arXiv:hep-ex/0506074 [hep-ex]].
- [1605] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 112002 (2005) doi:10.1103/PhysRevD.71.112002 [arXiv:hep-ex/0505013 [hep-ex]].
- [1606] A. Abulencia *et al.* [CDF], Phys. Rev. Lett. **96**, 082002 (2006) doi:10.1103/PhysRevLett.96.082002 [arXiv:hep-ex/0505076 [hep-ex]].
- [1607] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **95**, 102002 (2005) doi:10.1103/PhysRevLett.95.102002 [arXiv:hep-ex/0505091 [hep-ex]].
- [1608] D. Acosta *et al.* [CDF], Phys. Rev. D **72**, 052003 (2005) doi:10.1103/PhysRevD.72.052003 [arXiv:hep-ex/0504053 [hep-ex]].
- [1609] A. Kotwal [Tevatron Electroweak Working Group], AIP Conf. Proc. **753**, no.1, 149-157 (2005) doi:10.1063/1.1896697
- [1610] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **95**, 071801 (2005) doi:10.1103/PhysRevLett.95.071801 [arXiv:hep-ex/0503004 [hep-ex]].
- [1611] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 051103 (2005) doi:10.1103/PhysRevD.71.051103 [arXiv:hep-ex/0502003 [hep-ex]].
- [1612] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **95**, 031801 (2005) doi:10.1103/PhysRevLett.95.031801 [arXiv:hep-ex/0502044 [hep-ex]].
- [1613] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 091105 (2005) doi:10.1103/PhysRevD.71.091105 [arXiv:hep-ex/0501021 [hep-ex]].
- [1614] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 051104 (2005) doi:10.1103/PhysRevD.71.051104 [arXiv:hep-ex/0501023 [hep-ex]].
- [1615] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **94**, 211801 (2005) doi:10.1103/PhysRevLett.94.211801 [arXiv:hep-ex/0501050 [hep-ex]].
- [1616] C. P. Hays, Y. Huang, A. V. Kotwal, H. K. Gerberich, S. Menzemer, K. Rinnert, C. Lecci, M. Herndon and F. D. Snider, Nucl. Instrum. Meth. A **538**, 249-254 (2005) doi:10.1016/j.nima.2004.08.104

- [1617] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **95**, 022001 (2005)
doi:10.1103/PhysRevLett.95.022001 [arXiv:hep-ex/0412042 [hep-ex]].
- [1618] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **95**, 022003 (2005)
doi:10.1103/PhysRevLett.95.022003 [arXiv:hep-ex/0412050 [hep-ex]].
- [1619] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **94**, 101803 (2005)
doi:10.1103/PhysRevLett.94.101803 [arXiv:hep-ex/0412057 [hep-ex]].
- [1620] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 032001 (2005) doi:10.1103/PhysRevD.71.032001
[arXiv:hep-ex/0412071 [hep-ex]].
- [1621] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 052002 (2005) doi:10.1103/PhysRevD.71.052002
[arXiv:hep-ex/0411059 [hep-ex]].
- [1622] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **94**, 041803 (2005)
doi:10.1103/PhysRevLett.94.041803 [arXiv:hep-ex/0410008 [hep-ex]].
- [1623] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **94**, 101802 (2005)
doi:10.1103/PhysRevLett.94.101802 [arXiv:hep-ex/0410013 [hep-ex]].
- [1624] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 052003 (2005) doi:10.1103/PhysRevD.71.052003
[arXiv:hep-ex/0410041 [hep-ex]].
- [1625] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 031104 (2005) doi:10.1103/PhysRevD.71.031104
[arXiv:hep-ex/0410053 [hep-ex]].
- [1626] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 012005 (2005) doi:10.1103/PhysRevD.71.012005
[arXiv:hep-ex/0410058 [hep-ex]].
- [1627] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 112001 (2005) [erratum: Phys. Rev. D **71**, 119901
(2005)] doi:10.1103/PhysRevD.71.112001 [arXiv:hep-ex/0410076 [hep-ex]].
- [1628] D. Acosta *et al.* [CDF], Phys. Rev. D **71**, 072005 (2005) doi:10.1103/PhysRevD.71.072005
[arXiv:hep-ex/0409029 [hep-ex]].
- [1629] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **94**, 221801 (2005)
doi:10.1103/PhysRevLett.94.221801 [arXiv:hep-ex/0409040 [hep-ex]].
- [1630] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **94**, 042001 (2005)
doi:10.1103/PhysRevLett.94.042001 [arXiv:hep-ex/0409043 [hep-ex]].
- [1631] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **94**, 041801 (2005)
doi:10.1103/PhysRevLett.94.041801 [arXiv:hep-ex/0408146 [hep-ex]].
- [1632] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **94**, 122001 (2005)
doi:10.1103/PhysRevLett.94.122001 [arXiv:hep-ex/0504006 [hep-ex]].
- [1633] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **93**, 221802 (2004)
doi:10.1103/PhysRevLett.93.221802 [arXiv:hep-ex/0406073 [hep-ex]].
- [1634] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **94**, 091803 (2005)
doi:10.1103/PhysRevLett.94.091803 [arXiv:hep-ex/0406078 [hep-ex]].

- [1635] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **93**, 162002 (2004) doi:10.1103/PhysRevLett.93.162002 [arXiv:hep-ex/0405004 [hep-ex]].
- [1636] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **93**, 141801 (2004) doi:10.1103/PhysRevLett.93.141801 [arXiv:hep-ex/0404015 [hep-ex]].
- [1637] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **93**, 142001 (2004) doi:10.1103/PhysRevLett.93.142001 [arXiv:hep-ex/0404036 [hep-ex]].
- [1638] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **93**, 032001 (2004) doi:10.1103/PhysRevLett.93.032001 [arXiv:hep-ex/0403032 [hep-ex]].
- [1639] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **93**, 072001 (2004) doi:10.1103/PhysRevLett.93.072001 [arXiv:hep-ex/0312021 [hep-ex]].
- [1640] T. Affolder *et al.* [CDF], Nucl. Instrum. Meth. A **526**, 249-299 (2004) doi:10.1016/j.nima.2004.02.020
- [1641] V. M. Abazov *et al.* [CDF and D0], Phys. Rev. D **70**, 092008 (2004) doi:10.1103/PhysRevD.70.092008 [arXiv:hep-ex/0311039 [hep-ex]].
- [1642] D. Acosta *et al.* [CDF], Phys. Rev. D **68**, 072004 (2003) doi:10.1103/PhysRevD.68.072004 [arXiv:hep-ex/0310043 [hep-ex]].
- [1643] D. Acosta *et al.* [CDF], Phys. Rev. D **68**, 091101 (2003) doi:10.1103/PhysRevD.68.091101 [arXiv:hep-ex/0308059 [hep-ex]].
- [1644] D. Acosta *et al.* [CDF], Phys. Rev. Lett. **91**, 241804 (2003) doi:10.1103/PhysRevLett.91.241804 [arXiv:hep-ex/0307080 [hep-ex]].
- [1645] S. Hossenfelder, M. Bleicher, S. Hofmann, H. Stoecker and A. V. Kotwal, Phys. Lett. B **566**, 233-239 (2003) doi:10.1016/S0370-2693(03)00835-9 [arXiv:hep-ph/0302247 [hep-ph]].
- [1646] A. V. Kotwal, H. K. Gerberich and C. P. Hays, Nucl. Instrum. Meth. A **506**, 110-118 (2003) doi:10.1016/S0168-9002(03)01371-8
- [1647] A. Kotwal [CDF and D0], FERMILAB-FN-0716.
- [1648] A. V. Kotwal and C. P. Hays, Phys. Rev. D **66**, 116005 (2002) doi:10.1103/PhysRevD.66.116005 [arXiv:hep-ph/0206055 [hep-ph]].
- [1649] V. M. Abazov *et al.* [D0], Phys. Rev. D **66**, 112001 (2002) doi:10.1103/PhysRevD.66.112001 [arXiv:hep-ex/0205002 [hep-ex]].
- [1650] V. M. Abazov *et al.* [D0], Phys. Rev. D **67**, 012004 (2003) doi:10.1103/PhysRevD.67.012004 [arXiv:hep-ex/0205019 [hep-ex]].
- [1651] V. M. Abazov *et al.* [D0], Phys. Rev. D **66**, 012001 (2002) doi:10.1103/PhysRevD.66.012001 [arXiv:hep-ex/0204014 [hep-ex]].
- [1652] A. V. Kotwal and S. Hofmann, [arXiv:hep-ph/0204117 [hep-ph]].
- [1653] V. M. Abazov *et al.* [D0], Phys. Rev. D **66**, 032008 (2002) doi:10.1103/PhysRevD.66.032008 [arXiv:hep-ex/0204009 [hep-ex]].

- [1654] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **88**, 191801 (2002) doi:10.1103/PhysRevLett.88.191801 [arXiv:hep-ex/0111047 [hep-ex]].
- [1655] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **89**, 171801 (2002) doi:10.1103/PhysRevLett.89.171801 [arXiv:hep-ex/0111053 [hep-ex]].
- [1656] V. M. Abazov *et al.* [D0], Phys. Lett. B **525**, 211-218 (2002) doi:10.1016/S0370-2693(01)01441-1 [arXiv:hep-ex/0109041 [hep-ex]].
- [1657] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **88**, 171802 (2002) doi:10.1103/PhysRevLett.88.171802 [arXiv:hep-ex/0108018 [hep-ex]].
- [1658] V. M. Abazov *et al.* [D0], Phys. Rev. D **65**, 052008 (2002) doi:10.1103/PhysRevD.65.052008 [arXiv:hep-ex/0108054 [hep-ex]].
- [1659] T. Affolder *et al.* [CDF], Phys. Rev. Lett. **87**, 231803 (2001) doi:10.1103/PhysRevLett.87.231803 [arXiv:hep-ex/0107008 [hep-ex]].
- [1660] V. M. Abazov *et al.* [D0], Phys. Lett. B **517**, 299-308 (2001) doi:10.1016/S0370-2693(01)01020-6 [arXiv:hep-ex/0107012 [hep-ex]].
- [1661] V. M. Abazov *et al.* [D0], [arXiv:hep-ex/0106018 [hep-ex]].
- [1662] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **87**, 251805 (2001) doi:10.1103/PhysRevLett.87.251805 [arXiv:hep-ex/0106026 [hep-ex]].
- [1663] V. M. Abazov *et al.* [D0], [arXiv:hep-ex/0106032 [hep-ex]].
- [1664] V. M. Abazov *et al.* [D0], [arXiv:hep-ex/0106027 [hep-ex]].
- [1665] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **87**, 231801 (2001) doi:10.1103/PhysRevLett.87.231801 [arXiv:hep-ex/0106039 [hep-ex]].
- [1666] V. M. Abazov *et al.* [D0], Phys. Lett. B **517**, 282-294 (2001) doi:10.1016/S0370-2693(01)01009-7 [arXiv:hep-ex/0106059 [hep-ex]].
- [1667] V. M. Abazov *et al.* [D0], [arXiv:hep-ex/0106065 [hep-ex]].
- [1668] V. M. Abazov *et al.* [D0], [arXiv:hep-ex/0106072 [hep-ex]].
- [1669] V. M. Abazov *et al.* [D0], Phys. Rev. D **64**, 092004 (2001) doi:10.1103/PhysRevD.64.092004 [arXiv:hep-ex/0105072 [hep-ex]].
- [1670] R. M. Thurman-Keup, A. V. Kotwal, M. Tecchio and A. Byon-Wagner, Rev. Mod. Phys. **73**, 267-306 (2001) doi:10.1103/RevModPhys.73.267
- [1671] B. Abbott *et al.* [D0], Phys. Rev. Lett. **86**, 3712-3717 (2001) doi:10.1103/PhysRevLett.86.3712 [arXiv:hep-ex/0011071 [hep-ex]].
- [1672] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **88**, 151803 (2002) doi:10.1103/PhysRevLett.88.151803 [arXiv:hep-ex/0102039 [hep-ex]].
- [1673] V. M. Abazov *et al.* [D0], Phys. Rev. Lett. **87**, 061802 (2001) doi:10.1103/PhysRevLett.87.061802 [arXiv:hep-ex/0102048 [hep-ex]].

- [1674] U. Baur, R. Brock, J. Parsons, M. Albrow, D. Denisov, T. Han, A. Kotwal, F. Olness, J. Qian and S. Belyaev, *et al.* eConf **C010630**, E4001 (2001) [arXiv:hep-ph/0201227 [hep-ph]].
- [1675] B. Abbott *et al.* [D0], Phys. Rev. D **64**, 032003 (2001) doi:10.1103/PhysRevD.64.032003 [arXiv:hep-ex/0012046 [hep-ex]].
- [1676] B. Abbott *et al.* [D0], Phys. Rev. Lett. **86**, 1707-1712 (2001) doi:10.1103/PhysRevLett.86.1707 [arXiv:hep-ex/0011036 [hep-ex]].
- [1677] V. M. Abazov *et al.* [D0], Phys. Rev. D **64**, 012004 (2001) doi:10.1103/PhysRevD.64.012004 [arXiv:hep-ex/0011067 [hep-ex]].
- [1678] B. Abbott *et al.* [D0], Phys. Lett. B **513**, 292-300 (2001) doi:10.1016/S0370-2693(01)00628-1 [arXiv:hep-ex/0010026 [hep-ex]].
- [1679] B. Abbott *et al.* [D0], Phys. Rev. Lett. **86**, 1955-1960 (2001) doi:10.1103/PhysRevLett.86.1955 [arXiv:hep-ex/0009012 [hep-ex]].
- [1680] B. Abbott *et al.* [D0], Phys. Rev. D **63**, 072001 (2001) doi:10.1103/PhysRevD.63.072001 [arXiv:hep-ex/0009034 [hep-ex]].
- [1681] B. Abbott *et al.* [D0], Phys. Rev. Lett. **86**, 1156-1161 (2001) doi:10.1103/PhysRevLett.86.1156 [arXiv:hep-ex/0008065 [hep-ex]].
- [1682] B. Abbott *et al.* [D0], Phys. Rev. Lett. **85**, 5068-5073 (2000) doi:10.1103/PhysRevLett.85.5068 [arXiv:hep-ex/0008021 [hep-ex]].
- [1683] B. Abbott *et al.* [D0], Phys. Rev. D **63**, 031101 (2000) doi:10.1103/PhysRevD.63.031101 [arXiv:hep-ex/0008024 [hep-ex]].
- [1684] B. Abbott *et al.* [D0], Phys. Rev. Lett. **86**, 2523-2528 (2001) doi:10.1103/PhysRevLett.86.2523 [arXiv:hep-ex/0008072 [hep-ex]].
- [1685] A. V. Kotwal [CDF and D0], Conf. Proc. C **000727**, 714-715 (2000)
- [1686] B. Abbott *et al.* [D0], Phys. Rev. D **62**, 092004 (2000) doi:10.1103/PhysRevD.62.092004 [arXiv:hep-ex/0006011 [hep-ex]].
- [1687] B. Abbott *et al.* [D0], Phys. Rev. D **62**, 071701 (2000) doi:10.1103/PhysRevD.62.071701 [arXiv:hep-ex/0005034 [hep-ex]].
- [1688] B. Abbott *et al.* [D0], Phys. Rev. Lett. **85**, 256-261 (2000) doi:10.1103/PhysRevLett.85.256 [arXiv:hep-ex/0002058 [hep-ex]].
- [1689] B. Abbott *et al.* [D0], Phys. Rev. D **63**, 091102 (2001) doi:10.1103/PhysRevD.63.091102
- [1690] B. Abbott *et al.* [D0], Phys. Rev. Lett. **84**, 2786-2791 (2000) doi:10.1103/PhysRevLett.84.2786 [arXiv:hep-ex/9912017 [hep-ex]].
- [1691] B. Abbott *et al.* [D0], Phys. Rev. D **62**, 031101 (2000) doi:10.1103/PhysRevD.62.031101 [arXiv:hep-ex/9912023 [hep-ex]].

- [1692] B. Abbott *et al.* [D0], Phys. Rev. Lett. **84**, 5722-5727 (2000) doi:10.1103/PhysRevLett.84.5722 [arXiv:hep-ex/9912032 [hep-ex]].
- [1693] B. Abbott *et al.* [D0], Phys. Rev. D **62**, 052005 (2000) doi:10.1103/PhysRevD.62.052005 [arXiv:hep-ex/9912033 [hep-ex]].
- [1694] B. Abbott *et al.* [D0], Phys. Lett. B **531**, 52-60 (2002) doi:10.1016/S0370-2693(02)01364-3 [arXiv:hep-ex/9912061 [hep-ex]].
- [1695] B. Abbott *et al.* [D0], Phys. Rev. Lett. **84**, 5710-5715 (2000) doi:10.1103/PhysRevLett.84.5710 [arXiv:hep-ex/9912065 [hep-ex]].
- [1696] M. R. Adams *et al.* [E665], Eur. Phys. J. C **17**, 263-267 (2000) doi:10.1007/s100520000493 [arXiv:hep-ex/9911004 [hep-ex]].
- [1697] B. Abbott *et al.* [D0], Phys. Rev. Lett. **84**, 2088-2093 (2000) doi:10.1103/PhysRevLett.84.2088 [arXiv:hep-ex/9910040 [hep-ex]].
- [1698] B. Abbott *et al.* [D0], Phys. Rev. Lett. **84**, 2792-2797 (2000) doi:10.1103/PhysRevLett.84.2792 [arXiv:hep-ex/9909020 [hep-ex]].
- [1699] B. Abbott *et al.* [D0], Phys. Rev. Lett. **84**, 222-227 (2000) doi:10.1103/PhysRevLett.84.222 [arXiv:hep-ex/9909030 [hep-ex]].
- [1700] B. Abbott *et al.* [D0], Phys. Lett. B **464**, 145-155 (1999) doi:10.1016/S0370-2693(99)01015-1 [arXiv:hep-ex/9908017 [hep-ex]].
- [1701] B. Abbott *et al.* [D0], Phys. Rev. D **62**, 092006 (2000) doi:10.1103/PhysRevD.62.092006 [arXiv:hep-ex/9908057 [hep-ex]].
- [1702] B. Abbott *et al.* [D0], Phys. Rev. D **61**, 032004 (2000) doi:10.1103/PhysRevD.61.032004 [arXiv:hep-ex/9907009 [hep-ex]].
- [1703] B. Abbott *et al.* [D0], Phys. Rev. Lett. **83**, 4476-4481 (1999) doi:10.1103/PhysRevLett.83.4476 [arXiv:hep-ex/9907019 [hep-ex]].
- [1704] B. Abbott *et al.* [D0], [arXiv:hep-ex/9907028 [hep-ex]].
- [1705] B. Abbott *et al.* [D0], Phys. Rev. Lett. **84**, 5478-5483 (2000) doi:10.1103/PhysRevLett.84.5478 [arXiv:hep-ex/9907029 [hep-ex]].
- [1706] B. Abbott *et al.* [D0], [arXiv:hep-ex/9907041 [hep-ex]].
- [1707] B. Abbott *et al.* [D0], [arXiv:hep-ex/9907044 [hep-ex]].
- [1708] B. Abbott *et al.* [D0], Nucl. Phys. B Proc. Suppl. **79**, 494-496 (1999) doi:10.1016/S0920-5632(99)00764-1 [arXiv:hep-ex/9907059 [hep-ex]].
- [1709] B. Abbott *et al.* [D0], Phys. Rev. D **61**, 072001 (2000) doi:10.1103/PhysRevD.61.072001 [arXiv:hep-ex/9906025 [hep-ex]].
- [1710] B. Abbott *et al.* [D0], Phys. Rev. D **60**, 072002 (1999) doi:10.1103/PhysRevD.60.072002 [arXiv:hep-ex/9905005 [hep-ex]].

- [1711] B. Abbott *et al.* [D0], Phys. Lett. B **487**, 264-272 (2000) doi:10.1016/S0370-2693(00)00844-3 [arXiv:hep-ex/9905024 [hep-ex]].
- [1712] B. Abbott *et al.* [D0], Phys. Rev. Lett. **83**, 2896-2901 (1999) doi:10.1103/PhysRevLett.83.2896 [arXiv:hep-ex/9904023 [hep-ex]].
- [1713] B. Abbott *et al.* [D0], Phys. Rev. D **60**, 031101 (1999) doi:10.1103/PhysRevD.60.031101 [arXiv:hep-ex/9903041 [hep-ex]].
- [1714] B. Abbott *et al.* [D0], Phys. Rev. Lett. **82**, 4975-4980 (1999) doi:10.1103/PhysRevLett.82.4975 [arXiv:hep-ex/9902028 [hep-ex]].
- [1715] B. Abbott *et al.* [D0], Phys. Rev. Lett. **83**, 4937-4942 (1999) doi:10.1103/PhysRevLett.83.4937 [arXiv:hep-ex/9902013 [hep-ex]].
- [1716] B. Abbott *et al.* [D0], Phys. Rev. Lett. **83**, 1908-1913 (1999) doi:10.1103/PhysRevLett.83.1908 [arXiv:hep-ex/9901023 [hep-ex]].
- [1717] B. Abbott *et al.* [D0], Phys. Rev. D **60**, 052003 (1999) doi:10.1103/PhysRevD.60.052003 [arXiv:hep-ex/9901040 [hep-ex]].
- [1718] B. Abbott *et al.* [D0], Nucl. Phys. B Proc. Suppl. **79**, 229-231 (1999) doi:10.1016/S0920-5632(99)00683-0 [arXiv:hep-ex/0001063 [hep-ex]].
- [1719] B. Abbott *et al.* [D0], Phys. Rev. Lett. **82**, 4769-4774 (1999) doi:10.1103/PhysRevLett.82.4769 [arXiv:hep-ex/9812010 [hep-ex]].
- [1720] B. Abbott *et al.* [D0], Phys. Rev. Lett. **82**, 2244-2249 (1999) doi:10.1103/PhysRevLett.82.2244 [arXiv:hep-ex/9811029 [hep-ex]].
- [1721] B. Abbott *et al.* [D0], Phys. Rev. D **57**, R3817-R3821 (1998) doi:10.1103/PhysRevD.57.R3817 [arXiv:hep-ex/9710031 [hep-ex]].
- [1722] B. Abbott *et al.* [D0], Phys. Rev. D **60**, 012001 (1999) doi:10.1103/PhysRevD.60.012001 [arXiv:hep-ex/9808034 [hep-ex]].
- [1723] B. Abbott *et al.* [D0], [arXiv:hep-ex/9809009 [hep-ex]].
- [1724] B. Abbott *et al.* [D0], Phys. Lett. B **440**, 189-202 (1998) doi:10.1016/S0370-2693(98)01238-6 [arXiv:hep-ex/9809016 [hep-ex]].
- [1725] B. Abbott *et al.* [D0], Phys. Rev. Lett. **82**, 29-34 (1999) doi:10.1103/PhysRevLett.82.29 [arXiv:hep-ex/9808010 [hep-ex]].
- [1726] B. Abbott *et al.* [D0], Phys. Rev. D **60**, 052001 (1999) doi:10.1103/PhysRevD.60.052001 [arXiv:hep-ex/9808029 [hep-ex]].
- [1727] B. Abbott *et al.* [D0], Phys. Rev. Lett. **82**, 2457-2462 (1999) doi:10.1103/PhysRevLett.82.2457 [arXiv:hep-ex/9807014 [hep-ex]].
- [1728] B. Abbott *et al.* [D0], Phys. Rev. Lett. **82**, 2451-2456 (1999) doi:10.1103/PhysRevLett.82.2451 [arXiv:hep-ex/9807018 [hep-ex]].

- [1729] B. Abbott *et al.* [D0], Phys. Rev. Lett. **82**, 35-40 (1999) doi:10.1103/PhysRevLett.82.35 [arXiv:hep-ex/9807029 [hep-ex]].
- [1730] A. V. Kotwal [D0 and CDF], Conf. Proc. C **980723**, 467-471 (1998)
- [1731] B. Abbott *et al.* [D0], Nucl. Instrum. Meth. A **424**, 352-394 (1999) doi:10.1016/S0168-9002(98)01368-0 [arXiv:hep-ex/9805009 [hep-ex]].
- [1732] B. Abbott *et al.* [D0], Phys. Rev. Lett. **80**, 5498-5503 (1998) doi:10.1103/PhysRevLett.80.5498 [arXiv:hep-ex/9803003 [hep-ex]].
- [1733] B. Abbott *et al.* [D0], Phys. Rev. D **58**, 051101 (1998) doi:10.1103/PhysRevD.58.051101 [arXiv:hep-ex/9803004 [hep-ex]].
- [1734] B. Abbott *et al.* [D0], Phys. Rev. Lett. **81**, 38-43 (1998) doi:10.1103/PhysRevLett.81.38 [arXiv:hep-ex/9803009 [hep-ex]].
- [1735] B. Abbott *et al.* [D0], Phys. Rev. D **58**, 031102 (1998) doi:10.1103/PhysRevD.58.031102 [arXiv:hep-ex/9803017 [hep-ex]].
- [1736] B. Abbott *et al.* [D0], Phys. Rev. Lett. **81**, 524-529 (1998) doi:10.1103/PhysRevLett.81.524 [arXiv:hep-ex/9803023 [hep-ex]].
- [1737] B. Abbott *et al.* [D0], Phys. Rev. D **58**, 052001 (1998) doi:10.1103/PhysRevD.58.052001 [arXiv:hep-ex/9801025 [hep-ex]].
- [1738] B. Abbott *et al.* [D0], Phys. Lett. B **423**, 419-426 (1998) doi:10.1016/S0370-2693(98)00161-0 [arXiv:hep-ex/9801027 [hep-ex]].
- [1739] J. Yu and A. V. Kotwal, AIP Conf. Proc. **435**, no.1, 398-405 (1998) doi:10.1063/1.56213
- [1740] B. Abbott *et al.* [D0], FSU-SCRI-98-97.
- [1741] B. Abbott *et al.* [D0], FSU-SCRI-98-102.
- [1742] B. Abbott *et al.* [D0], Phys. Rev. Lett. **80**, 3008 (1998) doi:10.1103/PhysRevLett.80.3008 [arXiv:hep-ex/9712028 [hep-ex]].
- [1743] B. Abbott *et al.* [D0], Phys. Rev. D **58**, 092003 (1998) doi:10.1103/PhysRevD.58.092003 [arXiv:hep-ex/9712029 [hep-ex]].
- [1744] A. V. Kotwal [D0], D0-3341.
- [1745] B. Abbott *et al.* [D0], FERMILAB-CONF-97-360-E.
- [1746] B. Abbott *et al.* [D0], FERMILAB-CONF-97-371-E.
- [1747] B. Abbott *et al.* [D0], FERMILAB-CONF-97-372-E.
- [1748] B. Abbott *et al.* [D0], FERMILAB-CONF-97-370-E.
- [1749] A. V. Kotwal [D0], D0-Note-3328.
- [1750] B. Abbott *et al.* [D0], Phys. Rev. D **58**, 012002 (1998) doi:10.1103/PhysRevD.58.012002 [arXiv:hep-ex/9710007 [hep-ex]].

- [1751] B. Abbott *et al.* [D0], Phys. Rev. Lett. **80**, 2051-2056 (1998) doi:10.1103/PhysRevLett.80.2051 [arXiv:hep-ex/9710032 [hep-ex]].
- [1752] B. Abbott *et al.* [D0], FERMILAB-CONF-97-325-E.
- [1753] B. Abbott *et al.* [D0], FERMILAB-CONF-97-358-E.
- [1754] B. Abbott *et al.* [D0], FERMILAB-CONF-97-356-E.
- [1755] B. Abbott *et al.* [D0], FERMILAB-CONF-97-357-E.
- [1756] B. Abbott *et al.* [D0], FERMILAB-CONF-97-354-E.
- [1757] B. Abbott *et al.* [D0], FERMILAB-CONF-97-367-E.
- [1758] B. Abbott *et al.* [D0], FERMILAB-CONF-97-365-E.
- [1759] M. R. Adams *et al.* [E665], Z. Phys. C **76**, 441-463 (1997) doi:10.1007/s002880050567
- [1760] B. Abbott *et al.* [D0], Phys. Rev. Lett. **80**, 442-447 (1998) doi:10.1103/PhysRevLett.80.442 [arXiv:hep-ex/9708005 [hep-ex]].
- [1761] B. Abbott *et al.* [D0], Phys. Rev. Lett. **80**, 666-671 (1998) doi:10.1103/PhysRevLett.80.666 [arXiv:hep-ex/9707016 [hep-ex]].
- [1762] B. Abbott *et al.* [D0], Phys. Rev. Lett. **79**, 4321-4326 (1997) doi:10.1103/PhysRevLett.79.4321 [arXiv:hep-ex/9707033 [hep-ex]].
- [1763] A. V. Kotwal [D0], D0-3248.
- [1764] B. Abbott *et al.* [D0], Phys. Lett. B **414**, 419-427 (1997) doi:10.1016/S0370-2693(97)01190-8 [arXiv:hep-ex/9706012 [hep-ex]].
- [1765] B. Abbott *et al.* [D0], Phys. Rev. Lett. **80**, 2063-2068 (1998) doi:10.1103/PhysRevLett.80.2063 [arXiv:hep-ex/9706014 [hep-ex]].
- [1766] R. Madaras *et al.* [D0], D0-3234.
- [1767] A. Gupta *et al.* [D0], D0-3229.
- [1768] A. V. Kotwal [D0], D0-Note-3226.
- [1769] A. V. Kotwal [D0], D0-Note-3232.
- [1770] B. Abbott *et al.* [D0], Phys. Rev. Lett. **79**, 1441-1446 (1997) doi:10.1103/PhysRevLett.79.1441 [arXiv:hep-ex/9705010 [hep-ex]].
- [1771] B. Abbott *et al.* [D0], Phys. Rev. Lett. **80**, 1591-1596 (1998) doi:10.1103/PhysRevLett.80.1591 [arXiv:hep-ex/9705015 [hep-ex]].
- [1772] A. V. Kotwal [D0], D0-Note-3216.
- [1773] S. Abachi *et al.* [D0], Phys. Rev. D **56**, 6742-6778 (1997) doi:10.1103/PhysRevD.56.6742 [arXiv:hep-ex/9704004 [hep-ex]].

- [1774] S. Abachi *et al.* [D0], Phys. Rev. Lett. **79**, 1203-1208 (1997) doi:10.1103/PhysRevLett.79.1203 [arXiv:hep-ex/9704015 [hep-ex]].
- [1775] A. V. Kotwal [D0], D0-Note-3213.
- [1776] A. Gupta *et al.* [D0], D0-3195.
- [1777] S. Abachi *et al.* [D0], Phys. Rev. Lett. **79**, 1197-1202 (1997) doi:10.1103/PhysRevLett.79.1197 [arXiv:hep-ex/9703008 [hep-ex]].
- [1778] A. V. Kotwal [D0], D0-Note-3187.
- [1779] S. Abachi *et al.* [D0], Phys. Rev. Lett. **78**, 3640-3645 (1997) doi:10.1103/PhysRevLett.78.3640 [arXiv:hep-ex/9702011 [hep-ex]].
- [1780] M. R. Adams *et al.* [E665], Z. Phys. C **74**, 237-261 (1997) doi:10.1007/s002880050386
- [1781] H. Schellman, A. Caldwell, L. de Barbaro, D. Harris, B. King, M. Klasen, A. Kotwal, D. Krakauer, S. Magill and K. S. McFarland, *et al.* AIP Conf. Proc. **435**, no.1, 166-176 (1998) doi:10.1063/1.56230
- [1782] A. V. Kotwal [D0],
- [1783] A. V. Kotwal [D0], D0-Note-3134.
- [1784] S. Abachi *et al.* [D0], Phys. Rev. Lett. **78**, 3634-3639 (1997) doi:10.1103/PhysRevLett.78.3634 [arXiv:hep-ex/9612002 [hep-ex]].
- [1785] S. Abachi *et al.* [D0], Phys. Rev. Lett. **78**, 2070-2074 (1997) doi:10.1103/PhysRevLett.78.2070 [arXiv:hep-ex/9612011 [hep-ex]].
- [1786] S. Abachi *et al.* [D0], Phys. Rev. D **57**, 589-593 (1998) doi:10.1103/PhysRevD.57.589 [arXiv:hep-ex/9612009 [hep-ex]].
- [1787] S. Abachi *et al.* [D0], Phys. Rev. Lett. **78**, 3818-3823 (1997) doi:10.1103/PhysRevLett.78.3818 [arXiv:hep-ex/9611021 [hep-ex]].
- [1788] A. V. Kotwal [D0], FERMILAB-CONF-96-236-EE.
- [1789] I. M. Adam *et al.* [D0], D0-2982.
- [1790] M. R. Adams *et al.* [E665], Phys. Rev. D **54**, 3006-3056 (1996) doi:10.1103/PhysRevD.54.3006
- [1791] C. M. Laymon, W. Amos, M. G. Burlein, H. T. Fortune, T. Ekenberg, A. Kotwal, J. M. O'Donnell, J. D. Silk, J. D. Zumbro and C. L. Morris, *et al.* Phys. Rev. C **53**, 1167-1172 (1996) doi:10.1103/PhysRevC.53.1167
- [1792] A. Kotwal [D0], eConf **C960625**, LTH090 (1996) FERMILAB-CONF-97-011.
- [1793] M. R. Adams *et al.* [E665], Z. Phys. C **67**, 403-410 (1995) doi:10.1007/BF01624583 [arXiv:hep-ex/9505006 [hep-ex]].
- [1794] A. V. Kotwal, doi:10.2172/1423673

- [1795] M. R. Adams *et al.* [E665], Phys. Rev. Lett. **75**, 1466-1470 (1995)
doi:10.1103/PhysRevLett.75.1466
- [1796] A. V. Kotwal, doi:10.2172/82454
- [1797] M. R. Adams *et al.* [E665], Phys. Rev. Lett. **74**, 5198-5201 (1995) [erratum: Phys. Rev. Lett. **80**, 2020-2021 (1998)] doi:10.1103/PhysRevLett.74.5198
- [1798] M. Burlein, H. T. Fortune, W. M. Amos, T. L. Ekenberg, A. Kotwal, P. H. Kutt, J. M. O'Donnell, J. D. Silk, C. L. Morris and J. D. Zumbro, *et al.* Phys. Rev. C **51**, 88-97 (1995) doi:10.1103/PhysRevC.51.88
- [1799] A. V. Kotwal [E665], doi:10.2172/10193276
- [1800] A. V. Kotwal [E665], doi:10.2172/10183502
- [1801] M. G. Albrow, J. A. Appel, G. Blazey, J. Conrad, A. V. Kotwal, E. Kovacs, S. E. Kuhlmann, J. Lach, E. Levin and H. L. Melanson, *et al.* FERMILAB-FN-0622.
- [1802] M. R. Adams *et al.* [E665], Phys. Rev. Lett. **74**, 1525-1529 (1995)
doi:10.1103/PhysRevLett.74.1525
- [1803] D. L. Watson, R. A. Gilman, C. L. Morris, J. D. Zumbro, S. Mordechai, J. S. McDonald, C. F. Moore, A. L. Williams, S. H. Yoo and M. Burlein, *et al.* Phys. Rev. C **43**, 1318-1320 (1991) doi:10.1103/PhysRevC.43.1318
- [1804] M. Burlein, H. T. Fortune, W. M. Amos, T. L. Ekenberg, A. Kotwal, P. H. Kutt, J. M. O'Donnell, J. D. Silk, B. Boyer and A. Fuentes, *et al.* Phys. Rev. C **40**, 785-789 (1989) doi:10.1103/PhysRevC.40.785
- [1805] J. M. O'Donnell, A. V. Kotwal and H. T. Fortune, Phys. Rev. C **38**, 2047-2051 (1988)
doi:10.1103/PhysRevC.38.2047