

Cut	TChiWW (500,1)	TChiWZ (600,1)	TChiWZ (800,100)	TChiWH (1000,100)	TChiHZ (500,1)
All events	3017.8 ± 6.9	2764.1 ± 6.7	655.8 ± 1.7	186.3 ± 0.5	818.1 ± 1.2
Electron veto	2416.2 ± 6.2	2368.8 ± 6.2	559.8 ± 1.5	157.8 ± 0.4	744.0 ± 1.1
Muon veto	1857.6 ± 5.4	1981.9 ± 5.7	467.5 ± 1.4	129.5 ± 0.4	671.4 ± 1.1
Isolated track veto	1708.0 ± 5.2	1881.0 ± 5.5	449.1 ± 1.4	124.3 ± 0.4	633.7 ± 1.1
$p_T^{\text{miss}} > 200 \text{ GeV}$	1191.6 ± 4.3	1431.0 ± 4.8	379.7 ± 1.3	112.4 ± 0.4	441.2 ± 0.9
$H_T > 300 \text{ GeV}$	1083.2 ± 4.2	1307.3 ± 4.6	361.6 ± 1.2	111.1 ± 0.4	397.7 ± 0.8
$2 \leq n_j \leq 6$	1037.2 ± 4.1	1217.8 ± 4.4	332.4 ± 1.2	106.1 ± 0.4	375.5 ± 0.8
Photon veto	1028.3 ± 4.0	1210.1 ± 4.4	329.8 ± 1.2	105.0 ± 0.4	373.4 ± 0.8
≥ 1 AK8 jet with $m_j > 50 \text{ GeV}$	774.5 ± 3.5	956.0 ± 3.9	279.9 ± 1.1	92.8 ± 0.3	267.1 ± 0.7
$\Delta\phi, \Delta\Phi$	665.4 ± 3.3	824.7 ± 3.7	241.0 ± 1.0	79.0 ± 0.3	220.4 ± 0.6
Filters and trigger	649.4 ± 3.2	807.6 ± 3.6	236.7 ± 1.0	77.7 ± 0.3	215.4 ± 0.6
≥ 2 AK8 jets	253.1 ± 2.0	360.6 ± 2.4	133.3 ± 0.7	53.1 ± 0.3	80.9 ± 0.4
b-veto SR	49.8 ± 0.9	46.6 ± 0.9	19.3 ± 0.3	1.38 ± 0.04	0.98 ± 0.04
WH SR	1.5 ± 0.2	16.8 ± 0.5	6.8 ± 0.2	7.6 ± 0.1	4.50 ± 0.09
W SR	14.5 ± 0.5	23.7 ± 0.6	8.6 ± 0.2	6.1 ± 0.1	5.92 ± 0.10
H SR	2.6 ± 0.2	29.0 ± 0.7	10.9 ± 0.2	11.3 ± 0.1	27.07 ± 0.23