

Table 1: TOP-22-006 unblind yields, calculated Sep 10, 2022 (version at19v01)

	2lss m 3b	2lss p 3b	2lss m 2b	2lss p 2b	3l m 1b	3l p 1b	3l m 2b	3l p 2b	3l onZ 1b	3l onZ 2b	4l 2b
tWZ sm	0.44	0.45	6.54	6.57	4.79	4.79	1.68	1.68	63.8	20.25	2.7
Diboson sm	0.09	0.21	11.71	14.81	29.27	28.8	1.95	3.18	331.89	33.77	4.65
Triboson sm	0.04	0.07	2.05	3.0	0.93	1.3	0.1	0.17	15.81	2.57	0.44
charge flips sm	1.62	1.57	17.5	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
fakes sm	6.62	8.87	112.53	120.71	56.89	56.48	11.66	10.19	55.51	9.6	0.0
convs sm	0.95	0.83	11.54	9.69	3.4	2.96	3.24	3.08	0.79	0.68	0.01
Sum bkg	9.32	11.54	155.34	165.6	90.5	89.54	16.95	16.62	404.01	46.61	5.09
ttlnu sm	12.25	23.15	144.06	272.36	25.78	47.52	27.24	50.61	10.23	11.42	0.03
ttll sm	11.92	12.0	118.45	118.76	52.05	51.42	48.45	49.84	323.86	296.77	40.28
ttH sm	9.25	9.24	83.11	83.28	23.73	23.43	22.95	22.77	9.72	9.74	3.51
tllq sm	0.45	0.82	6.41	11.54	5.49	9.6	2.39	4.22	112.15	48.02	0.01
tHq sm	0.12	0.22	1.41	2.61	0.47	0.84	0.35	0.61	0.35	0.23	0.03
tttt sm	9.62	9.54	7.63	7.52	0.88	0.86	4.91	4.96	0.21	1.31	0.55
Sum sig	43.6	54.97	361.07	496.07	108.41	133.68	106.29	133.0	456.52	367.49	44.41
Sum expected	52.92	66.52	516.4	661.67	198.9	223.21	123.25	149.62	860.53	414.1	49.5
Observation	71.0	68.0	608.0	781.0	233.0	270.0	148.0	158.0	1074.0	466.0	50.0
Pdiff	-34.15	-2.23	-17.74	-18.03	-17.14	-20.96	-20.09	-5.6	-24.81	-12.53	-1.01