

	$t\bar{t}b$	$t\bar{t}b\bar{b}$	$t\bar{t}B$	$t\bar{t}c$	$t\bar{t}c\bar{c}$	$t\bar{t}C$	$t\bar{t}light$	$t\bar{t}W$	$t\bar{t}Z$	$t\bar{t}H$	$t\bar{t}a30$	$Total\ Bkg$
1 $Lepton$	3468.10 ± 12.39	1104.29 ± 6.99	635.84 ± 5.31	8364.09 ± 19.24	1451.52 ± 8.02	3882.01 ± 13.11	194560.53 ± 92.81	174.12 ± 0.35	114.42 ± 0.21	85.30 ± 0.27	941.16 ± 4.49	213840.23 ± 97.22
X AKT4	2414.23 ± 10.34	1000.25 ± 6.65	471.77 ± 4.57	5622.10 ± 15.78	1299.27 ± 7.58	2675.89 ± 10.88	77332.47 ± 58.51	107.07 ± 0.27	97.99 ± 0.19	64.13 ± 0.23	670.58 ± 3.79	91085.18 ± 63.41
X tags	528.20 ± 2.80	303.81 ± 2.18	125.74 ± 1.40	511.29 ± 1.94	176.82 ± 1.24	267.81 ± 1.43	3377.48 ± 4.84	7.03 ± 0.03	11.39 ± 0.03	19.18 ± 0.08	181.18 ± 1.17	5328.75 ± 6.73
CA^{BDRS}	324.41 ± 2.20	218.99 ± 1.85	94.71 ± 1.22	312.29 ± 1.53	127.82 ± 1.06	187.04 ± 1.20	1856.08 ± 3.57	4.78 ± 0.02	8.12 ± 0.03	13.89 ± 0.06	139.40 ± 1.03	3148.12 ± 5.23
2tags	22.76 ± 0.59	16.96 ± 0.51	16.68 ± 0.52	24.29 ± 0.47	8.62 ± 0.28	15.08 ± 0.35	199.02 ± 1.38	0.48 ± 0.01	0.77 ± 0.01	1.14 ± 0.02	36.56 ± 0.53	305.82 ± 1.79

	$t\bar{t}+ \geq 1b$	$t\bar{t}+ \geq 1c$	$t\bar{t} + lightjets$	$t\bar{t} + X(X = W, Z, H)$	$Total\ Background$	$t\bar{t}a30$
1 $Lepton$	5208.24 ± 15.18	13697.62 ± 24.63	194560.53 ± 1.38	373.84 ± 0.48	213840.23 ± 97.22	941.16 ± 4.49
X AKT4	3886.26 ± 13.12	9597.26 ± 20.61	77332.47 ± 1.38	269.20 ± 0.40	91085.18 ± 63.41	670.58 ± 3.79
X tags	957.75 ± 3.82	955.92 ± 2.71	3377.48 ± 1.38	37.60 ± 0.09	5328.75 ± 6.73	181.18 ± 1.17
CA^{BDRS}	638.11 ± 3.12	627.15 ± 2.21	1856.08 ± 1.38	26.78 ± 0.07	3148.12 ± 5.23	139.40 ± 1.03
2tags	56.40 ± 0.94	48.00 ± 0.65	199.02 ± 1.38	2.40 ± 0.02	305.82 ± 1.79	36.56 ± 0.53