

	$t\bar{t}b$	$t\bar{t}b\bar{b}$	$t\bar{t}B$	$t\bar{t}c$	$t\bar{t}c\bar{c}$	$t\bar{t}C$	$t\bar{t}light$	$t\bar{t}W$	$t\bar{t}Z$	$t\bar{t}H$	$t\bar{t}a20$	$Total\ Bkg$
1 <i>Lepton</i>	$2774.48 \pm 9.91$	$883.44 \pm 5.59$	$508.68 \pm 4.24$	$6691.27 \pm 15.39$	$1161.22 \pm 6.41$	$3105.61 \pm 10.49$	$155648.42 \pm 74.25$	$139.30 \pm 0.28$	$91.53 \pm 0.17$	$68.24 \pm 0.21$	$102.56 \pm 0.49$	$171072.19 \pm 77.77$
$X$ AKT4	$1931.39 \pm 8.27$	$800.20 \pm 5.32$	$377.42 \pm 3.66$	$4497.68 \pm 12.62$	$1039.42 \pm 6.07$	$2140.71 \pm 8.71$	$61865.97 \pm 46.81$	$85.66 \pm 0.22$	$78.39 \pm 0.15$	$51.31 \pm 0.18$	$69.79 \pm 0.40$	$72868.15 \pm 50.73$
$X$ tags	$422.56 \pm 2.24$	$243.05 \pm 1.75$	$100.59 \pm 1.12$	$409.03 \pm 1.55$	$141.46 \pm 0.99$	$214.25 \pm 1.14$	$2701.98 \pm 3.87$	$5.62 \pm 0.02$	$9.11 \pm 0.03$	$15.35 \pm 0.06$	$17.21 \pm 0.12$	$4263.00 \pm 5.38$
$CA^{BDRS}$	$390.52 \pm 2.16$	$232.27 \pm 1.71$	$96.90 \pm 1.10$	$377.06 \pm 1.49$	$135.58 \pm 0.97$	$203.83 \pm 1.12$	$2423.22 \pm 3.66$	$5.33 \pm 0.02$	$8.76 \pm 0.03$	$14.79 \pm 0.06$	$16.68 \pm 0.12$	$3888.26 \pm 5.16$
2tags	$42.52 \pm 0.72$	$29.46 \pm 0.61$	$28.76 \pm 0.61$	$47.36 \pm 0.62$	$15.38 \pm 0.35$	$28.51 \pm 0.46$	$429.27 \pm 1.95$	$0.86 \pm 0.01$	$1.18 \pm 0.01$	$1.66 \pm 0.02$	$4.78 \pm 0.06$	$624.96 \pm 2.40$

	$t\bar{t}+ \geq 1b$	$t\bar{t}+ \geq 1c$	$t\bar{t} + lightjets$	$t\bar{t} + X(X = W, Z, H)$	$Total\ Background$	$t\bar{t}a20$
1 <i>Lepton</i>	$4166.59 \pm 12.15$	$10958.10 \pm 19.70$	$155648.42 \pm 1.95$	$299.08 \pm 0.39$	$171072.19 \pm 77.77$	$102.56 \pm 0.49$
$X$ AKT4	$3109.01 \pm 10.49$	$7677.81 \pm 16.49$	$61865.97 \pm 1.95$	$215.36 \pm 0.32$	$72868.15 \pm 50.73$	$69.79 \pm 0.40$
$X$ tags	$766.20 \pm 3.05$	$764.74 \pm 2.17$	$2701.98 \pm 1.95$	$30.08 \pm 0.07$	$4263.00 \pm 5.38$	$17.21 \pm 0.12$
$CA^{BDRS}$	$719.69 \pm 2.96$	$716.47 \pm 2.10$	$2423.22 \pm 1.95$	$28.88 \pm 0.07$	$3888.26 \pm 5.16$	$16.68 \pm 0.12$
2tags	$100.74 \pm 1.12$	$91.25 \pm 0.84$	$429.27 \pm 1.95$	$3.70 \pm 0.02$	$624.96 \pm 2.40$	$4.78 \pm 0.06$