

$$\bar{t} \rightarrow b\tilde{\chi}_1^+ \quad x=0.25$$

Sample	BDT1	BDT2	BDT3
$\bar{t}\bar{t} \rightarrow \ell\ell$	18 ± 4	2.2 ± 1.3	1.2 ± 1.0
1 ℓ Top	10 ± 5	4.0 ± 1.8	1.5 ± 0.8
W+jets	3 ± 1	2.0 ± 0.7	0.7 ± 0.3
Rare	4 ± 2	1.6 ± 0.8	1.0 ± 0.5
Total	35 ± 6	9.8 ± 2.4	4.4 ± 1.4
Data	29	7	2
$\bar{t} \rightarrow b\tilde{\chi}_1^+ (450/50/0.25)$	19 ± 2.9	11 ± 2.2	5.2 ± 1.5
$\bar{t} \rightarrow b\tilde{\chi}_1^+ (600/100/0.25)$	8.8 ± 0.8	7.5 ± 0.8	5.6 ± 0.7

$$\bar{t} \rightarrow b\tilde{\chi}_1^+ \quad x=0.5$$

Sample	BDT1	BDT2 Loose	BDT2 Tight	BDT3	BDT4
$\bar{t}\bar{t} \rightarrow \ell\ell$	40 ± 5	21 ± 4	4 ± 2	6 ± 2	100 ± 16
1 ℓ Top	24 ± 10	15 ± 7	4 ± 3	4 ± 2	33 ± 12
W+jets	5 ± 1	5 ± 1	2 ± 1	3 ± 1	5 ± 1
Rare	8 ± 4	8 ± 4	3 ± 1	4 ± 2	8 ± 4
Total	77 ± 12	50 ± 9	13 ± 4	17 ± 4	146 ± 21
Data	67	35	12	13	143
$\bar{t} \rightarrow b\tilde{\chi}_1^+ (250/50/0.5)$	45 ± 7.6	24 ± 5.2	5.7 ± 2.4	5.2 ± 2.6	55 ± 8.1
$\bar{t} \rightarrow b\tilde{\chi}_1^+ (650/50/0.5)$	3.5 ± 0.4	9.5 ± 0.7	5.6 ± 0.5	8.3 ± 0.6	3.2 ± 0.4

$$\bar{t} \rightarrow b\tilde{\chi}_1^+ \quad x=0.75$$

Sample	BDT1	BDT2	BDT3	BDT4
$\bar{t}\bar{t} \rightarrow \ell\ell$	37 ± 5	9 ± 2	3.1 ± 1.3	248 ± 22
1 ℓ Top	17 ± 9	6 ± 5	1.6 ± 1.6	188 ± 70
W+jets	4 ± 1	4 ± 1	1.6 ± 0.6	22 ± 6
Rare	4 ± 2	4 ± 2	1.8 ± 0.9	20 ± 10
Total	61 ± 10	22 ± 6	8.1 ± 2.3	478 ± 74
Data	50	13	5	440
$\bar{t} \rightarrow b\tilde{\chi}_1^+ (250/50/0.75)$	115 ± 13	21 ± 5.6	8.0 ± 3.7	518 ± 28
$\bar{t} \rightarrow b\tilde{\chi}_1^+ (650/50/0.75)$	3.9 ± 0.4	8.4 ± 0.6	6.8 ± 0.6	5.5 ± 0.5