

Category	3ℓ				4ℓ	
CR	Z-peak ($t\bar{t}Z$ enrich.)				WZ enrich.	ZZ enrich.
b-tag	Loose		Tight		no req.	
Total charge	-	+	-	+	no req.	
$t\bar{t}H$	1.3 ± 0.5	1.5 ± 0.6	0.9 ± 0.4	0.5 ± 0.2	0.6 ± 0.4	0.1 ± 0.1
$t\bar{t}W + t\bar{t}WW$	1.9 ± 0.4	2.8 ± 0.5	1.2 ± 0.3	1.8 ± 0.4	1.1 ± 0.9	< 0.05
tH	0.1 ± 0.0	0.2 ± 0.0	0.1 ± 0.0	0.4 ± 0.3	0.1 ± 0.1	< 0.05
WZ + ZZ	25.2 ± 4.6	34.4 ± 7.0	2.2 ± 0.8	1.4 ± 0.3	792.2 ± 165.2	55.6 ± 9.0
$t\bar{t}Z$	79.4 ± 13.7	73.6 ± 12.2	52.1 ± 8.2	40.3 ± 7.6	45.2 ± 44.1	3.3 ± 4.1
Misidentified	5.6 ± 1.4	6.4 ± 1.5	1.4 ± 0.5	1.1 ± 0.8	18.5 ± 18.0	< 0.05
Conversions	0.1 ± 0.0	0.7 ± 0.2	1.0 ± 1.0	0.1 ± 0.1	4.3 ± 4.3	< 0.05
Signal flip	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Other	16.0 ± 6.4	24.6 ± 9.6	5.4 ± 2.1	7.1 ± 2.8	56.8 ± 68.0	2.4 ± 3.0
SM expectation	129.4 ± 15.9	144.2 ± 17.1	64.1 ± 8.5	52.7 ± 8.2	918.8 ± 185.0	61.3 ± 10.4
Observed data	123	154	54	49	919	61