

Region	W+jets	$t\bar{t}$	Nonprompt	Rare	Total SM	Data	Scale factors
CR1aX	2133 ± 20	226.6 ± 3.5	44.5 ± 6.4	293.2 ± 5.9	2698 ± 22	2945	1.10 ± 0.03
CR1aY	878.3 ± 8.6	65.8 ± 1.9	13.3 ± 3.6	139.4 ± 4.1	1097 ± 10	1197	1.11 ± 0.04
CR1bX	1107 ± 15	134.5 ± 2.7	7.8 ± 2.7	112.1 ± 4.1	1361 ± 16	1462	1.08 ± 0.03
CR1bY	438.2 ± 6.4	35.1 ± 1.4	1.6 ± 1.6	51.9 ± 2.9	526.8 ± 7.3	502	0.95 ± 0.05
CR1cX	642 ± 11	103.8 ± 2.3	12.7 ± 3.0	174.3 ± 5.5	932 ± 13	1051	1.16 ± 0.05
CR1cY	278.3 ± 8.3	25.5 ± 1.2	6.2 ± 2.2	102.2 ± 4.3	412.2 ± 9.6	432	1.07 ± 0.08
CR2aX	171.7 ± 2.5	195.6 ± 3.3	1.9 ± 1.9	64.2 ± 1.9	433.4 ± 4.9	451	1.05 ± 0.06
CR2aY	74.5 ± 1.0	58.4 ± 1.7	0.8 ± 0.8	25.6 ± 1.1	159.3 ± 2.4	145	0.89 ± 0.09
CR2bX	104.9 ± 2.0	110.8 ± 2.5	1.2 ± 1.2	39.2 ± 1.6	256.1 ± 3.8	226	0.86 ± 0.07
CR2bY	42.6 ± 0.8	30.8 ± 1.3	0.3 ± 0.3	15.0 ± 0.9	88.6 ± 1.8	79	0.87 ± 0.12
CR2cX	17.3 ± 0.8	53.8 ± 1.7	1.7 ± 1.2	15.7 ± 1.0	88.4 ± 2.4	106	1.25 ± 0.15
CR2cY	7.5 ± 0.8	12.8 ± 0.8	0.6 ± 0.6	6.6 ± 0.7	27.5 ± 1.5	29	1.07 ± 0.28