

p_T^{miss} region	Lost lepton		e misidentified as γ		$Z(\nu\nu)\gamma$		Multijet		Total pred.		Observed
$2 \leq N_{\text{jets}} \leq 4, N_{\text{b-tags}} = 0$											
200–300	731	± 64	459	± 97	730	± 146	946	± 267	2870	± 317	2865
300–370	174	± 19	116	± 26	265	± 59	71.5	± 25.8	626	± 72	641
370–450	76.5	± 9.7	58.2	± 13.0	143	± 36	25.1	± 9.0	303	± 40	325
450–600	33.1	± 5.5	36.5	± 7.7	105	± 34	12.0	± 4.3	186	± 36	157
600–750	14.8	± 3.6	10.4	± 2.3	21.3	± 7.3	1.49	± 0.54	48.0	± 8.8	32
750–900	4.17	± 1.65	3.23	± 0.72	11.8	± 6.4	0	$\pm \begin{smallmatrix} 0.00360 \\ 0 \end{smallmatrix}$	19.2	± 6.4	19
≥ 900	2.59	± 1.33	1.71	± 0.50	3.00	± 1.73	0.491	± 0.177	7.79	± 2.16	11
$5 \leq N_{\text{jets}} \leq 6, N_{\text{b-tags}} = 0$											
200–300	68.3	± 8.0	42.7	± 9.5	8.96	± 2.62	88.6	± 7.8	209	± 14	208
300–370	15.8	± 3.4	14.5	± 3.3	4.60	± 1.71	4.17	± 0.88	39.0	± 4.7	41
370–450	7.00	± 2.24	7.39	± 1.63	4.49	± 1.85	3.79	± 0.80	22.7	± 3.3	21
450–600	7.00	± 2.10	5.84	± 1.44	2.90	± 1.77	1.92	± 0.41	17.7	± 3.1	22
600–750	1.75	± 1.10	2.15	± 0.54	0.831	± 1.009	0.264	± 0.056	5.00	± 1.61	4
≥ 750	2.33	± 1.22	0.779	± 0.254	0.754	± 1.014	1.01	± 0.21	4.87	± 1.61	0
$N_{\text{jets}} \geq 7, N_{\text{b-tags}} = 0$											
200–300	7.44	± 2.01	8.20	± 1.16	1.77	± 0.87	12.1	± 1.9	29.5	± 3.2	29
300–370	4.19	± 1.59	2.28	± 0.35	0.717	± 0.580	0.00729	± 0.00370	7.19	± 1.70	5
370–450	1.40	± 0.88	1.72	± 0.29	0.200	± 0.124	0.362	± 0.184	3.68	± 0.97	1
450–600	1.40	± 0.79	1.22	± 0.27	0.0115	± 0.0139	0.515	± 0.261	3.14	± 0.86	2
≥ 600	0.931	± 0.786	0.695	± 0.161	0.0271	± 0.0397	0	$\pm \begin{smallmatrix} 0.00508 \\ 0 \end{smallmatrix}$	1.66	± 0.81	1
$2 \leq N_{\text{jets}} \leq 4, N_{\text{b-tags}} \geq 1$											
200–300	238	± 22	139	± 29	57.0	± 19.6	241	± 91	675	± 94	674
300–370	53.9	± 7.9	30.3	± 6.3	19.1	± 7.6	14.4	± 6.6	118	± 14	114
370–450	19.1	± 4.0	14.0	± 3.0	8.35	± 3.90	4.52	± 2.08	46.0	± 6.4	58
450–600	13.0	± 3.4	7.45	± 1.64	7.80	± 4.08	1.86	± 0.85	30.1	± 5.5	35
≥ 600	3.47	± 1.56	2.30	± 0.58	3.00	± 2.31	0.242	± 0.111	9.02	± 2.73	6
$5 \leq N_{\text{jets}} \leq 6, N_{\text{b-tags}} \geq 1$											
200–300	77.6	± 9.8	62.4	± 13.6	1.55	± 1.09	53.2	± 10.0	195	± 19	194
300–370	17.2	± 3.9	16.7	± 3.7	1.26	± 0.77	7.57	± 2.33	42.7	± 5.9	48
370–450	8.24	± 2.46	7.31	± 1.59	0.672	± 0.633	1.54	± 0.48	17.8	± 3.1	23
450–600	2.06	± 1.11	4.25	± 0.95	0.0772	± 0.0616	0	$\pm \begin{smallmatrix} 0.00308 \\ 0 \end{smallmatrix}$	6.39	± 1.46	8
≥ 600	2.06	± 1.15	1.27	± 0.29	0.0587	± 0.0452	1.41	± 0.44	4.81	± 1.22	3
$N_{\text{jets}} \geq 7, N_{\text{b-tags}} \geq 1$											
200–300	18.3	± 4.0	24.2	± 5.1	0.0767	± 0.0579	22.1	± 7.5	64.6	± 10.0	64
300–370	5.89	± 2.02	7.14	± 1.65	0.697	± 0.567	1.48	± 1.02	15.2	± 2.9	8
370–450	4.12	± 1.58	3.31	± 0.71	0.0600	± 0.0555	0.573	± 0.395	8.07	± 1.76	9
450–600	2.95	± 1.36	2.04	± 0.47	0	$\pm \begin{smallmatrix} 0.00472 \\ 0 \end{smallmatrix}$	0.364	± 0.251	5.36	± 1.48	3
≥ 600	1.18	± 0.84	0.581	± 0.223	0.0270	± 0.0283	0	$\pm \begin{smallmatrix} 0.00689 \\ 0 \end{smallmatrix}$	1.80	± 0.83	1
V-tag											
200–300	172	± 17	174	± 35	39.2	± 8.1	180	± 51	565	± 63	564
300–370	47.8	± 8.4	34.9	± 7.6	11.6	± 3.6	8.57	± 4.06	103	± 13	97
370–450	19.8	± 4.9	13.0	± 2.9	9.80	± 3.38	3.60	± 1.71	46.2	± 7.2	52
450–600	12.5	± 3.2	6.02	± 1.37	8.48	± 3.55	0.952	± 0.451	27.9	± 5.2	36
600–750	7.28	± 2.91	1.38	± 0.34	2.88	± 1.72	0.334	± 0.158	11.9	± 3.4	4
≥ 750	2.08	± 1.37	0.670	± 0.178	1.78	± 1.52	0	$\pm \begin{smallmatrix} 0.00473 \\ 0 \end{smallmatrix}$	4.54	± 2.01	2
H-tag											
200–300	76.3	± 10.3	88.2	± 18.7	14.1	± 3.7	67.5	± 15.3	246	± 27	245
300–370	24.1	± 5.4	24.2	± 5.1	5.73	± 2.20	6.75	± 2.94	60.7	± 8.3	60
370–450	7.02	± 2.83	10.5	± 2.2	5.28	± 2.41	2.83	± 1.23	25.6	± 4.5	34
450–600	9.03	± 2.98	4.62	± 1.05	4.02	± 2.15	0	$\pm \begin{smallmatrix} 0.00436 \\ 0 \end{smallmatrix}$	17.7	± 3.8	20
600–750	3.01	± 1.76	1.02	± 0.28	2.56	± 1.34	0.706	± 0.308	7.30	± 2.28	2
≥ 750	2.01	± 1.40	0.504	± 0.144	1.19	± 1.05	0	$\pm \begin{smallmatrix} 0.00436 \\ 0 \end{smallmatrix}$	3.72	± 1.66	2