

m_N (GeV)	$p_T^{\ell_1}$ (GeV)	$p_T^{\ell_2}$ (GeV)	$m(\ell^\pm \ell^\pm W_{\text{jet}})$ (GeV)	$m(\ell W_{\text{jet}})$ (GeV)	$(p_T^{\text{miss}})^2/S_T$ (GeV)	Total bkgd.	N_{obs}	DY $A\epsilon$ (%)	VBF $A\epsilon$ (%)
ee channel SR1									
85	>25	>15	>110	45–95	<6	9.5 ± 2.8	9	0.11 ± 0.02	—
90	>25	>15	>110	50–100	<6	12.5 ± 3.5	10	0.23 ± 0.05	—
100	>25	>15	>120	50–110	<6	20.3 ± 5.0	15	1.1 ± 0.1	—
125	>30	>25	>120	90–140	<6	17.7 ± 4.5	17	2.6 ± 0.2	—
150	>40	>25	>180	130–160	<6	14.7 ± 3.8	9	3.1 ± 0.2	—
200	>55	>40	>220	160–225	<6	12.4 ± 2.7	10	4.9 ± 0.4	—
250	>70	>60	>310	220–270	<6	6.0 ± 1.7	4	5.9 ± 0.4	—
300	>80	>60	>370	235–335	<6	8.2 ± 2.1	6	7.6 ± 0.5	3.0 ± 0.3
400	>100	>65	>450	335–450	<6	2.5 ± 1.4	4	6.6 ± 0.5	3.0 ± 0.2
500	>125	>65	>560	400–555	<6	1.5 ± 0.8	5	5.5 ± 0.4	2.7 ± 0.2
600	>125	—	>760	400–690	<6	0.9 ± 0.6	1	3.8 ± 0.3	1.7 ± 0.2
700	>125	—	>760	400–955	<6	1.7 ± 0.7	1	4.0 ± 0.3	2.8 ± 0.2
800	>125	—	>760	400–1130	<6	1.7 ± 0.7	1	3.6 ± 0.3	3.0 ± 0.3
900	>125	—	>760	400–1300	<6	1.7 ± 0.7	1	3.2 ± 0.2	2.9 ± 0.2
1000	>125	—	>760	400–1490	<6	1.7 ± 0.7	1	2.6 ± 0.2	2.4 ± 0.2
1100	>125	—	>760	400–1490	<6	1.7 ± 0.7	1	2.2 ± 0.2	2.0 ± 0.2
1200	>125	—	>760	400–1600	<6	1.7 ± 0.7	1	2.0 ± 0.2	1.8 ± 0.2
1300	>125	—	>760	400–1930	<6	1.7 ± 0.7	1	1.8 ± 0.1	1.6 ± 0.2
1400	>125	—	>760	400–1930	<6	1.7 ± 0.7	1	1.5 ± 0.1	1.3 ± 0.1
1500	>125	—	>760	400–1930	<6	1.7 ± 0.7	1	1.3 ± 0.1	1.2 ± 0.2
ee channel SR2									
85	>25	>15	—	—	<15	10.9 ± 2.9	10	0.001 ± 0.001	—
90	>25	>15	—	90–220	<15	3.4 ± 1.0	2	0.003 ± 0.002	—
100	>25	>15	—	100–220	<15	3.4 ± 1.0	2	0.005 ± 0.003	—
125	>60	>15	—	123–145	<15	0.2 ± 0.1	0	0.04 ± 0.01	—
150	>90	>15	—	125–185	<15	1.3 ± 0.5	0	0.19 ± 0.03	—
200	>100	>20	—	173–220	<15	0.8 ± 0.3	1	0.60 ± 0.07	—
250	>100	>25	—	220–305	<15	2.1 ± 1.2	3	2.2 ± 0.2	—
300	>100	>30	—	270–330	<15	1.3 ± 0.6	1	3.5 ± 0.4	0.6 ± 0.1
400	>100	>35	—	330–440	<15	3.1 ± 1.3	3	9.1 ± 0.9	2.9 ± 0.3
500	>120	>35	—	440–565	<15	2.8 ± 1.0	1	14.3 ± 1.4	6.1 ± 0.6
600	>120	—	—	565–675	<15	0.8 ± 0.3	1	17.4 ± 1.8	11.0 ± 1.0
700	>140	—	—	635–775	<15	0.8 ± 0.3	2	19.4 ± 2.0	13.1 ± 1.3
800	>140	—	—	740–1005	<15	0.9 ± 0.4	0	20.8 ± 2.1	14.0 ± 1.3
900	>140	—	—	865–1030	<15	0.2 ± 0.1	0	19.2 ± 2.0	13.2 ± 1.3
1000	>140	—	—	890–1185	<15	0.3 ± 0.1	1	21.5 ± 2.2	15.3 ± 1.5
1100	>140	—	—	1035–1395	<15	0.1 ± 0.1	1	20.3 ± 2.1	14.7 ± 1.4
1200	>140	—	—	1085–1460	<15	0.1 ± 0.0	1	20.8 ± 2.2	15.3 ± 1.5
1300	>140	—	—	1140–1590	<15	0.1 ± 0.0	1	20.5 ± 2.2	15.5 ± 1.6
1400	>140	—	—	1245–1700	<15	0.1 ± 0.0	0	19.6 ± 2.1	15.1 ± 1.6
1500	>140	—	—	1300–1800	<15	0.04 ± 0.02	0	19.5 ± 2.1	15.2 ± 1.6