

$$N_j = 1$$

$N_j, N_b$	$p_T^{\text{jet1}}$ [GeV]	$Z \rightarrow \nu\bar{\nu}$	Lost lepton	Multijet	Total background	Data
1j, 0b	200 – 250	$26200 \pm 87(\text{stat.}) \pm 3940(\text{syst.})$	$13800^{+139}_{-137}(\text{stat.}) \pm 2160(\text{syst.})$	$707^{+15}_{-14}(\text{stat.}) \pm 353(\text{syst.})$	$40707^{+165}_{-163}(\text{stat.}) \pm 4507(\text{syst.})$	40799
	250 – 350	$16400 \pm 66(\text{stat.})^{+2470}_{-2480}(\text{syst.})$	$8540^{+70}_{-69}(\text{stat.}) \pm 1340(\text{syst.})$	$1120 \pm 18(\text{stat.}) \pm 558(\text{syst.})$	$26060^{+98}_{-97}(\text{stat.})^{+2865}_{-2874}(\text{syst.})$	26555
	350 – 450	$3070 \pm 29(\text{stat.}) \pm 467(\text{syst.})$	$1360^{+18}_{-17}(\text{stat.}) \pm 214(\text{syst.})$	$204 \pm 8(\text{stat.}) \pm 102(\text{syst.})$	$4634 \pm 35(\text{stat.}) \pm 524(\text{syst.})$	5256
	450 – 575	$815^{+14}_{-14}(\text{stat.}) \pm 127(\text{syst.})$	$306^{+7}_{-6}(\text{stat.}) \pm 50(\text{syst.})$	$50 \pm 4(\text{stat.}) \pm 25(\text{syst.})$	$1170 \pm 16(\text{stat.}) \pm 139(\text{syst.})$	1381
	575 – 700	$188 \pm 7(\text{stat.})^{+32}_{-31}(\text{syst.})$	$58^{+3}_{-2}(\text{stat.}) \pm 10(\text{syst.})$	$9.3^{+2.0}_{-1.7}(\text{stat.}) \pm 4.7(\text{syst.})$	$255^{+8}_{-7}(\text{stat.})^{+34}_{-33}(\text{syst.})$	353
	700 – 1000	$69 \pm 4(\text{stat.})^{+13}_{-12}(\text{syst.})$	$19^{+2}_{-1}(\text{stat.}) \pm 3(\text{syst.})$	$2.1^{+1.1}_{-0.8}(\text{stat.}) \pm 1.0(\text{syst.})$	$89 \pm 4(\text{stat.})^{+13}_{-12}(\text{syst.})$	128
	> 1000	$7.4^{+1.5}_{-1.3}(\text{stat.})^{+1.6}_{-1.7}(\text{syst.})$	$4.1 \pm 0.5(\text{stat.}) \pm 1.0(\text{syst.})$	$0.0^{+0.3}_{-0.0}(\text{stat.}) \pm 0.0(\text{syst.})$	$12^{+2}_{-1}(\text{stat.}) \pm 2(\text{syst.})$	3
1j, $\geq$ 1b	200 – 250	$1430 \pm 21(\text{stat.}) \pm 236(\text{syst.})$	$594^{+27}_{-26}(\text{stat.}) \pm 98(\text{syst.})$	$138^{+8}_{-7}(\text{stat.}) \pm 69(\text{syst.})$	$2162^{+35}_{-34}(\text{stat.}) \pm 265(\text{syst.})$	2026
	250 – 350	$934^{+16}_{-16}(\text{stat.}) \pm 155(\text{syst.})$	$415^{+15}_{-14}(\text{stat.}) \pm 68(\text{syst.})$	$176^{+9}_{-8}(\text{stat.}) \pm 88(\text{syst.})$	$1525^{+24}_{-23}(\text{stat.}) \pm 191(\text{syst.})$	1477
	350 – 450	$193 \pm 8(\text{stat.}) \pm 35(\text{syst.})$	$82 \pm 4(\text{stat.}) \pm 15(\text{syst.})$	$36 \pm 4(\text{stat.}) \pm 18(\text{syst.})$	$310 \pm 10(\text{stat.}) \pm 42(\text{syst.})$	328
	450 – 575	$60^{+4}_{-4}(\text{stat.}) \pm 12(\text{syst.})$	$15 \pm 1(\text{stat.}) \pm 4(\text{syst.})$	$8.8^{+2.3}_{-1.9}(\text{stat.}) \pm 4.4(\text{syst.})$	$84 \pm 5(\text{stat.}) \pm 14(\text{syst.})$	97
	> 575	$23^{+3}_{-2}(\text{stat.}) \pm 5(\text{syst.})$	$6.2^{+0.9}_{-0.8}(\text{stat.}) \pm 1.5(\text{syst.})$	$0.0^{+0.5}_{-0.0}(\text{stat.}) \pm 0.0(\text{syst.})$	$29^{+3}_{-2}(\text{stat.}) \pm 5(\text{syst.})$	45