

Table 1: Fit summary (Hadronic)

$H_T$ Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– $\infty$
1b le3j SM Hadronic	$413^{+15}_{-14}$	$111^{+6}_{-4}$	$35.8^{+3.4}_{-2.7}$	$10.1^{+1.6}_{-1.3}$	$3.7^{+0.8}_{-0.8}$	$1.6^{+0.6}_{-0.7}$	$0.5^{+0.3}_{-0.4}$	$0.1^{+0.1}_{-0.0}$
1b le3j Data Hadronic	440	116	37	15	3	2	1	0

Table 2: Fit summary ( $\mu$ +jets)

$H_T$ Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– $\infty$
1b le3j SM $\mu$ +jets	$2286^{+45}_{-45}$	$789^{+31}_{-26}$	$326^{+20}_{-16}$	$139^{+11}_{-11}$	$62.7^{+8.0}_{-7.9}$	$25.1^{+4.7}_{-4.9}$	$16.1^{+4.0}_{-4.2}$	$7.9^{+3.0}_{-2.9}$
1b le3j Data $\mu$ +jets	2272	787	325	137	63	25	16	8

Table 3: Fit summary ( $\gamma$ +jets)

$H_T$ Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– $\infty$
1b le3j SM $\gamma$ +jets	$457^{+23}_{-22}$	$147^{+11}_{-9}$	$49.7^{+6.5}_{-5.5}$	$18.1^{+3.9}_{-3.6}$	$5.6^{+2.1}_{-2.4}$	$4.3^{+1.8}_{-2.2}$	$1.4^{+0.9}_{-1.4}$	$0.0^{+0.0}_{-0.0}$
1b le3j Data $\gamma$ +jets	444	144	49	15	6	4	1	0