

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	$408^{+18}_{-19}$	$112^{+9}_{-8}$	$35.3^{+3.0}_{-3.7}$	$8.6^{+1.8}_{-1.2}$	$3.8^{+1.1}_{-0.9}$	$1.5^{+0.7}_{-0.6}$	$0.4^{+0.3}_{-0.3}$	$0.1^{+0.0}_{-0.0}$
1b le3j Data Hadronic	444	118	36	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	$2272^{+48}_{-51}$	$787^{+27}_{-26}$	$325^{+18}_{-18}$	$137^{+14}_{-12}$	$63.0^{+9.2}_{-8.1}$	$25.0^{+6.1}_{-6.1}$	$16.0^{+4.0}_{-4.0}$	$8.0^{+3.0}_{-2.9}$
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	$444^{+23}_{-21}$	$144^{+13}_{-12}$	$49.0^{+7.0}_{-8.1}$	$15.0^{+4.2}_{-3.1}$	$6.0^{+2.9}_{-2.1}$	$4.0^{+2.1}_{-2.0}$	$1.0^{+1.0}_{-1.0}$	$0.0^{+0.0}_{-0.0}$
1b le3j Data $\gamma$ +jets	444	144	49	15	6	4	1	0