

Table 1: Fit summary (Hadronic)

H_T Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– ∞
1b le3j SM Hadronic	403^{+12}_{-10}	110^{+6}_{-5}	$35.8^{+2.9}_{-2.9}$	$10.0^{+1.5}_{-1.3}$	$3.7^{+0.8}_{-0.8}$	$1.6^{+0.6}_{-0.6}$	$0.5^{+0.3}_{-0.3}$	$0.1^{+0.1}_{-0.0}$
1b le3j Data Hadronic	440	116	37	15	3	2	1	0

Table 2: Fit summary (μ +jets)

H_T Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– ∞
1b le3j SM μ +jets	2291^{+50}_{-48}	790^{+31}_{-25}	326^{+20}_{-16}	139^{+13}_{-11}	$62.7^{+8.3}_{-7.4}$	$25.1^{+4.7}_{-5.0}$	$16.1^{+3.9}_{-4.2}$	$7.9^{+3.0}_{-3.0}$
1b le3j Data μ +jets	2272	787	325	137	63	25	16	8

Table 3: Fit summary (γ +jets)

H_T Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– ∞
1b le3j SM γ +jets	461^{+22}_{-22}	147^{+10}_{-10}	$49.7^{+6.5}_{-6.7}$	$18.1^{+4.0}_{-3.6}$	$5.6^{+2.0}_{-2.2}$	$4.3^{+2.0}_{-1.9}$	$1.4^{+0.9}_{-1.4}$	$0.0^{+0.0}_{-0.0}$
1b le3j Data γ +jets	444	144	49	15	6	4	1	0