

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	388^{+11}_{-13}	108^{+5}_{-6}	$35.4^{+3.2}_{-3.3}$	$8.6^{+1.5}_{-1.5}$	$3.8^{+1.0}_{-0.9}$	$1.5^{+0.6}_{-0.7}$	$0.4^{+0.3}_{-0.3}$	$0.1^{+0.1}_{-0.1}$
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	2272^{+49}_{-46}	787^{+32}_{-28}	325^{+19}_{-17}	137^{+9}_{-12}	$63.0^{+8.5}_{-7.2}$	$25.0^{+5.1}_{-4.8}$	$16.0^{+4.0}_{-4.1}$	$8.0^{+3.0}_{-3.1}$
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	444^{+22}_{-23}	144^{+11}_{-14}	$49.0^{+7.2}_{-6.8}$	$15.0^{+4.2}_{-4.0}$	$6.0^{+3.0}_{-2.0}$	$4.0^{+2.0}_{-2.0}$	$1.0^{+1.0}_{-1.0}$	$0.0^{+0.0}_{-0.0}$
1b le3j Data γ +jets	444	144	49	15	6	4	1	0