

Table 1: Fit summary (Hadronic)

H_T Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– ∞
2b ge2j SM Hadronic	133^{+6}_{-4}	$62.9^{+3.6}_{-3.3}$	$21.9^{+1.7}_{-1.8}$	$7.9^{+1.5}_{-1.2}$	$2.2^{+0.4}_{-0.4}$	$0.9^{+0.3}_{-0.2}$	$0.5^{+0.2}_{-0.2}$	$0.4^{+0.1}_{-0.1}$
2b ge2j Data Hadronic	152	71	39	15	1	2	0	1

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– ∞
2b ge2j SM μ +jets	1428^{+42}_{-36}	732^{+28}_{-27}	349^{+17}_{-20}	142^{+13}_{-11}	$70.0^{+8.5}_{-8.5}$	$24.0^{+5.1}_{-4.2}$	$13.0^{+4.0}_{-3.1}$	$10.0^{+3.0}_{-3.0}$
2b ge2j Data μ +jets	1428	732	349	142	70	24	13	10

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– ∞
-----------------	---------	---------	---------	---------	---------	---------	----------	----------------