

Table 1: Fit summary (Hadronic)

$H_T$ Bin (GeV)	375–475	475–575	575–675	675–775	775–875	875–975	975–1075	1075– $\infty$
2b ge4j SM Hadronic	$73.6^{+4.2}_{-4.2}$	$45.7^{+2.8}_{-2.9}$	$20.4^{+1.8}_{-1.8}$	$7.7^{+1.2}_{-1.0}$	$1.9^{+0.3}_{-0.3}$	$0.9^{+0.2}_{-0.2}$	$0.4^{+0.1}_{-0.1}$	$0.4^{+0.1}_{-0.2}$
2b ge4j Data Hadronic	79	52	31	12	1	2	0	1

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– $\infty$
2b ge4j SM $\mu$ +jets	$765^{+26}_{-27}$	$521^{+23}_{-22}$	$285^{+15}_{-17}$	$128^{+12}_{-10}$	$54.1^{+7.5}_{-8.0}$	$20.1^{+4.6}_{-4.1}$	$10.6^{+2.9}_{-2.9}$	$9.6^{+2.9}_{-2.9}$
2b ge4j Data $\mu$ +jets	760	515	274	124	55	19	11	9

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– $\infty$
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