

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	$75.0^{+5.4}_{-5.0}$	$45.8^{+3.7}_{-3.5}$	$18.1^{+1.6}_{-1.7}$	$6.9^{+1.1}_{-1.0}$	$1.9^{+0.4}_{-0.3}$	$0.9^{+0.2}_{-0.2}$	$0.5^{+0.1}_{-0.1}$	$0.4^{+0.1}_{-0.1}$
2b ge4j Data Hadronic	72	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	$760^{+28}_{-26}$	$515^{+25}_{-23}$	$274^{+17}_{-17}$	$124^{+11}_{-11}$	$55.0^{+6.9}_{-7.0}$	$19.0^{+4.0}_{-4.9}$	$11.0^{+3.1}_{-3.0}$	$9.0^{+3.1}_{-3.0}$
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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