

Table 1: Fit summary (Hadronic)

| H_T Bin (GeV) | 375–475 | 475–575 | 575–675 | 675–775 | 775–875 | 875–975 | 975– ∞ |
|-----------------------|--------------------|--------------------|-------------------|-----------------|----------------------|----------------------|----------------------|
| 0b ge2j SM Hadronic | 3073^{+51}_{-48} | 1020^{+26}_{-22} | 384^{+18}_{-15} | 137^{+9}_{-9} | $50.4^{+4.0}_{-4.4}$ | $22.9^{+2.7}_{-2.7}$ | $16.0^{+2.0}_{-2.3}$ |
| 0b ge2j Data Hadronic | 3070 | 1033 | 394 | 145 | 51 | 24 | 18 |

Table 2: Fit summary (μ +jets)

| H_T Bin (GeV) | 375–475 | 475–575 | 575–675 | 675–775 | 775–875 | 875–975 | 975– ∞ |
|--------------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|
| 0b ge2j SM μ +jets | 9662^{+94}_{-92} | 4172^{+61}_{-68} | 1984^{+42}_{-46} | 885^{+29}_{-25} | 474^{+24}_{-20} | 221^{+15}_{-15} | 212^{+15}_{-15} |
| 0b ge2j Data μ +jets | 9663 | 4167 | 1981 | 883 | 474 | 221 | 211 |

Table 3: Fit summary (γ +jets)

| H_T Bin (GeV) | 375–475 | 475–575 | 575–675 | 675–775 | 775–875 | 875–975 | 975– ∞ |
|-----------------------------|--------------------|--------------------|-------------------|-------------------|----------------------|----------------------|----------------------|
| 0b ge2j SM γ +jets | 3840^{+57}_{-58} | 1323^{+37}_{-32} | 506^{+23}_{-25} | 192^{+12}_{-14} | $67.4^{+6.6}_{-7.9}$ | $31.8^{+4.6}_{-5.1}$ | $24.4^{+4.3}_{-4.3}$ |
| 0b ge2j Data γ +jets | 3842 | 1315 | 499 | 187 | 67 | 31 | 23 |