Table 1: Fit summary (Hadronic)

|                       |                    |                   | • (               | ,                    |                      |                      |                     |
|-----------------------|--------------------|-------------------|-------------------|----------------------|----------------------|----------------------|---------------------|
| $H_{\rm T}$ Bin (GeV) | 375–475            | 475–575           | 575–675           | 675–775              | 775–875              | 875–975              | 975–∞               |
| 0b le3j SM Hadronic   | $2661_{-43}^{+41}$ | $750^{+19}_{-19}$ | $245^{+12}_{-11}$ | $79.6^{+6.6}_{-5.3}$ | $27.9_{-3.0}^{+2.8}$ | $12.5^{+2.1}_{-2.1}$ | $9.2^{+1.4}_{-1.7}$ |
| 0b le3j Data Hadronic | 2641               | 743               | 242               | 85                   | 29                   | 12                   | 10                  |

Table 2: Fit summary  $(\mu+jets)$ 

| $H_{\rm T}   { m Bin}   ({ m GeV})$ | 375–475            | 475–575            | 575–675            | 675-775           | 775–875           | 875–975           | $975-\infty$      |
|-------------------------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|
| 0b le3j SM $\mu$ +jets              | $8577^{+88}_{-78}$ | $3393^{+61}_{-61}$ | $1477^{+33}_{-40}$ | $612^{+29}_{-26}$ | $330^{+18}_{-18}$ | $141^{+12}_{-12}$ | $146^{+13}_{-10}$ |
| 0b le3j Data $\mu$ +jets            | 8584               | 3395               | 1478               | 611               | 330               | 141               | 146               |

Table 3: Fit summary  $(\gamma + \text{jets})$ 

| $H_{\rm T}$ Bin (GeV)                | 375–475            | 475–575            |                   | 675–775          | 775–875              | 875–975              | 975–∞                |
|--------------------------------------|--------------------|--------------------|-------------------|------------------|----------------------|----------------------|----------------------|
| 0b le3j SM $\gamma$ +jets            | $3462^{+48}_{-55}$ | $1067^{+29}_{-28}$ | $364^{+19}_{-19}$ | $124^{+11}_{-9}$ | $39.7^{+5.2}_{-5.6}$ | $17.7^{+3.9}_{-4.0}$ | $15.5^{+2.8}_{-3.8}$ |
| 0<br>b le3j Data $\gamma+{\rm jets}$ | 3475               | 1072               | 366               | 120              | 39                   | 18                   | 15                   |