

Events / 0.03

Significance

 $\times 10^3$ **ATLAS Internal** $\sqrt{s} = 13 \text{ TeV}, 140.07 \text{ fb}^{-1}$

preselM2000W_deta

- Direct γ + jets Pythia
- Fragmentation γ + jets Pythia
- SM Total
- $m_{q^*}=2.0 \text{ TeV}, f=1.00$

5

4

3

2

1

0

4

2

0

0

0.5

1

1.5

2

2.5

3

 $m_{\text{leading-}\gamma}$ 