

Dijet selection, Quark extraction, Track Based, Soft Drop $\#b = 0.0, z = 0.0$

Legend:

- ATLAS (Black squares)
- Pythia 6.426 default (Orange dashed line)
- Pythia 6.426 pro-q20 (Green dotted line)

Top Panel Y-axis: $(1/\sigma) \frac{d\sigma}{dr_g}$

Bottom Panel Y-axis: Ratio to ATLAS

X-axis: r_g

Reference: mcplots.cern.ch [arXiv:2401.10621]

Source: (ATLAS_2019_I1772062)