

8000 GeV pp

Z (Drell-Yan)

 $Z \rightarrow e^+e^-$, $R=1.0$, charged particles only $\frac{d\sigma}{d\sqrt{s_7}}$
[fb] 10^3
 10^2
10
1
 10^{-1}
 10^{-2}
 10^{-3} 

ATLAS



Pythia 8.165 default

(ATLAS_2017_I1589844)

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.52
1
0.5

0

10

20

30

 $\sqrt{s_7}$ [GeV]