

Average p_T vs N_{ch} ($N_{ch} > 1, p_T > 0.5$ GeV)

- ATLAS
- ▲ Pythia 6.424 a
- ▼ Pythia 6.424 dw
- Pythia 6.424 p0
- ☆ Pythia 6.424 pro-q2o

Rivet 3.1.0, ≥ 7.1 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8918562

Ratio to ATLAS

2

2

2

2

2

2

2

2

1

1

1

1

1

1

1

1

1

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0

20

40

 N_{ch} $\langle p_T \rangle$ [GeV]2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.22.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.20 20 40 N_{ch}