

7000 GeV pp

Soft QCD

$\Sigma 1385 m_{pt}$  (alice2015-y0.5)

■ ALICE  
▲ Pythia 8 (Def)

ALICE\_2014\_I1300380

Pythia 8.240

Rivet 2.6.1,  $\geq 100k$  events

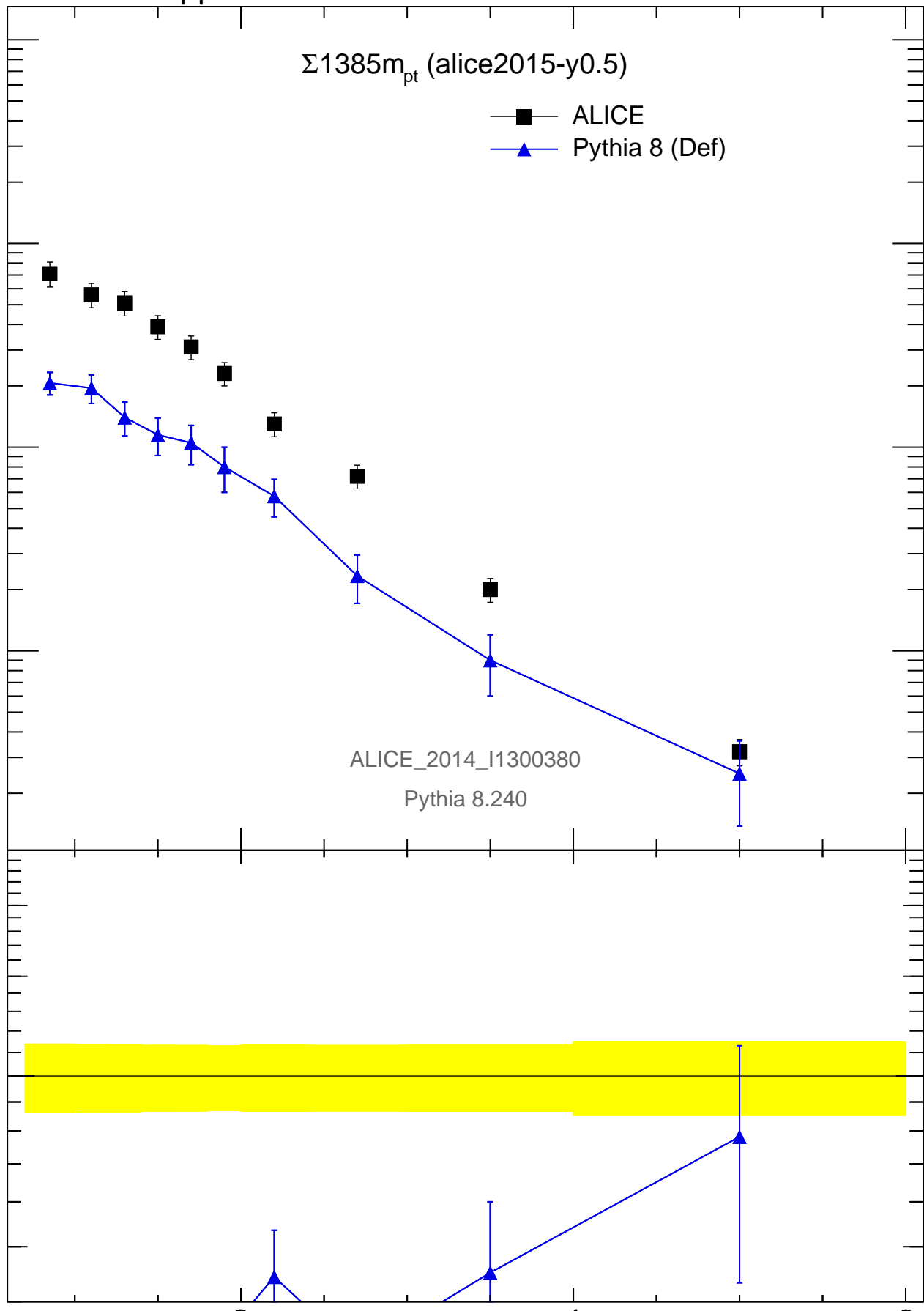
mcplots.cern.ch (arXiv:1306.3436)

Ratio to ALICE

2  
1  
0.5

2  
1  
0.5

$p_T$  (GeV)



$p_T$ (GeV)	ALICE (Cross-section)	Pythia 8 (Def) (Cross-section)	Ratio to ALICE
1.0	$8 \times 10^{-3}$	$2 \times 10^{-3}$	-
1.2	$6 \times 10^{-3}$	$2 \times 10^{-3}$	-
1.4	$5 \times 10^{-3}$	$1.5 \times 10^{-3}$	-
1.6	$4 \times 10^{-3}$	$1.2 \times 10^{-3}$	-
1.8	$3.5 \times 10^{-3}$	$1 \times 10^{-3}$	-
2.0	$3 \times 10^{-3}$	$8 \times 10^{-4}$	-
2.2	$2.5 \times 10^{-3}$	$6 \times 10^{-4}$	-
2.4	$2 \times 10^{-3}$	$5 \times 10^{-4}$	-
2.6	$1.5 \times 10^{-3}$	$4 \times 10^{-4}$	-
2.8	$1.2 \times 10^{-3}$	$3 \times 10^{-4}$	-
3.0	$1 \times 10^{-3}$	$2.5 \times 10^{-4}$	-
3.5	$7 \times 10^{-4}$	$1.5 \times 10^{-4}$	-
4.0	$5 \times 10^{-4}$	$1 \times 10^{-4}$	-
5.0	$3 \times 10^{-4}$	$4 \times 10^{-5}$	-
5.5	$2 \times 10^{-4}$	$3 \times 10^{-5}$	-