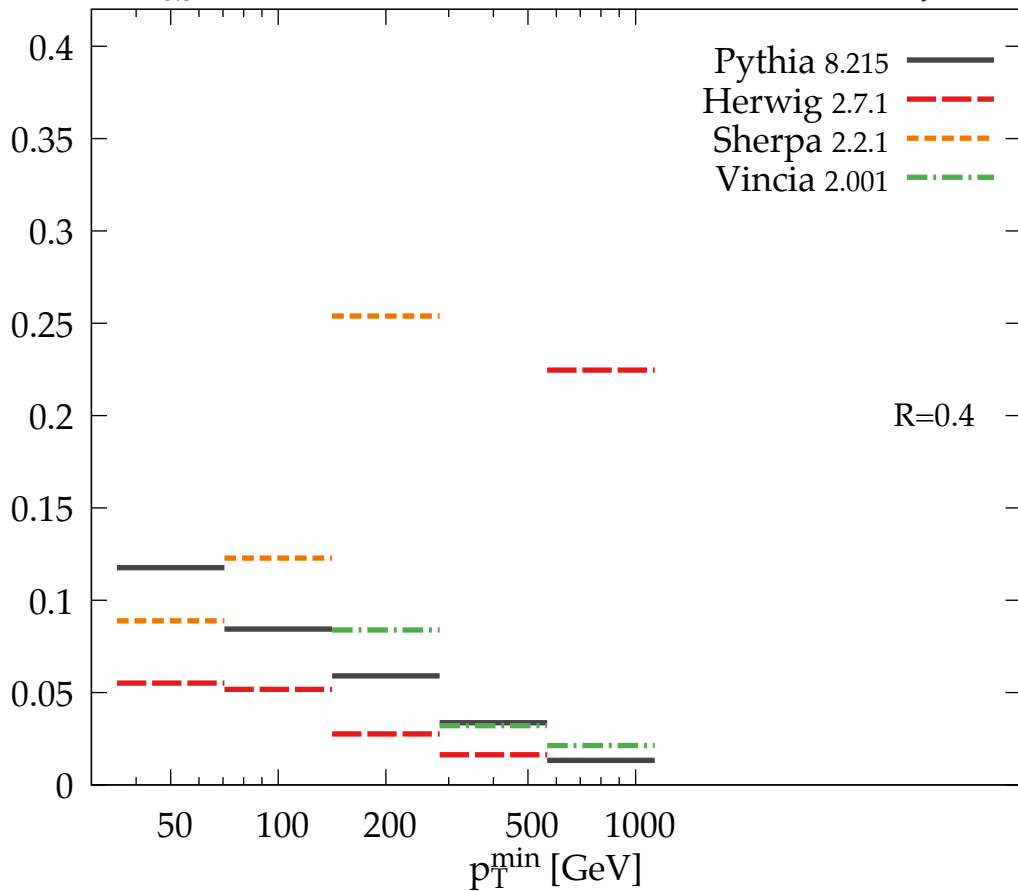


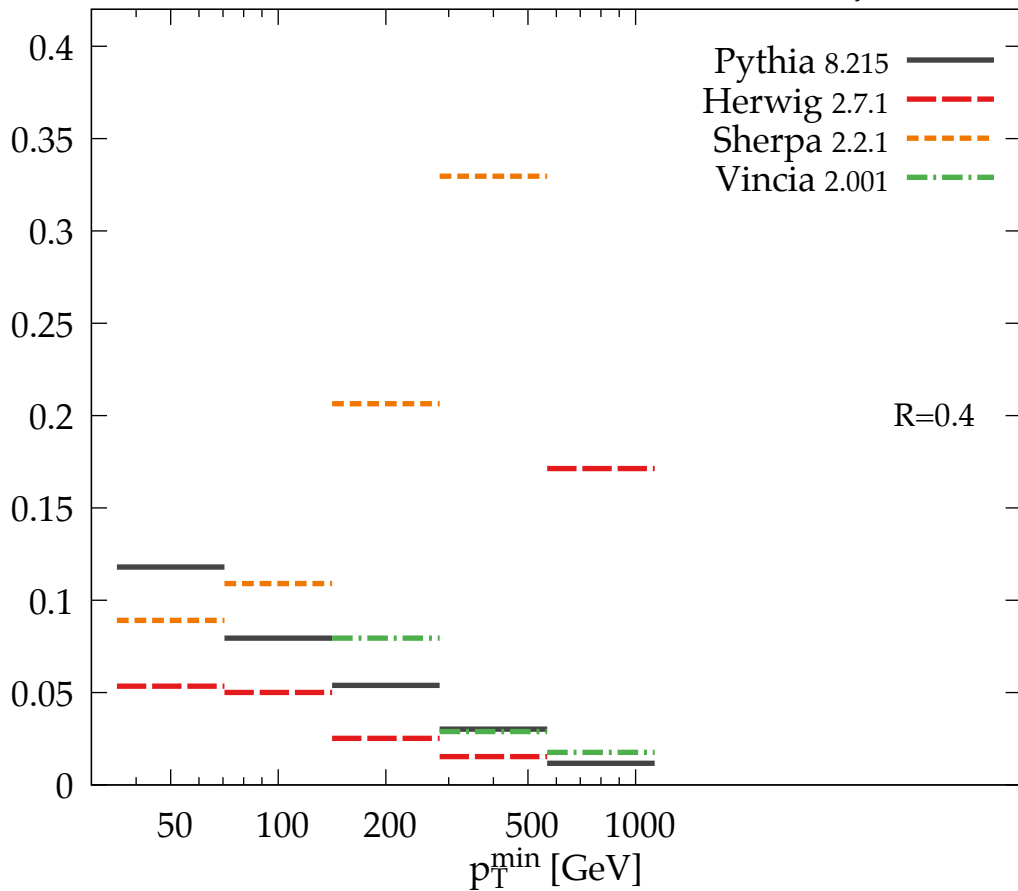
$\lambda_{0.5}^1$  [LHA], Hadron-level, Hadron-level, mMDT jet

Separation:  $\Delta$



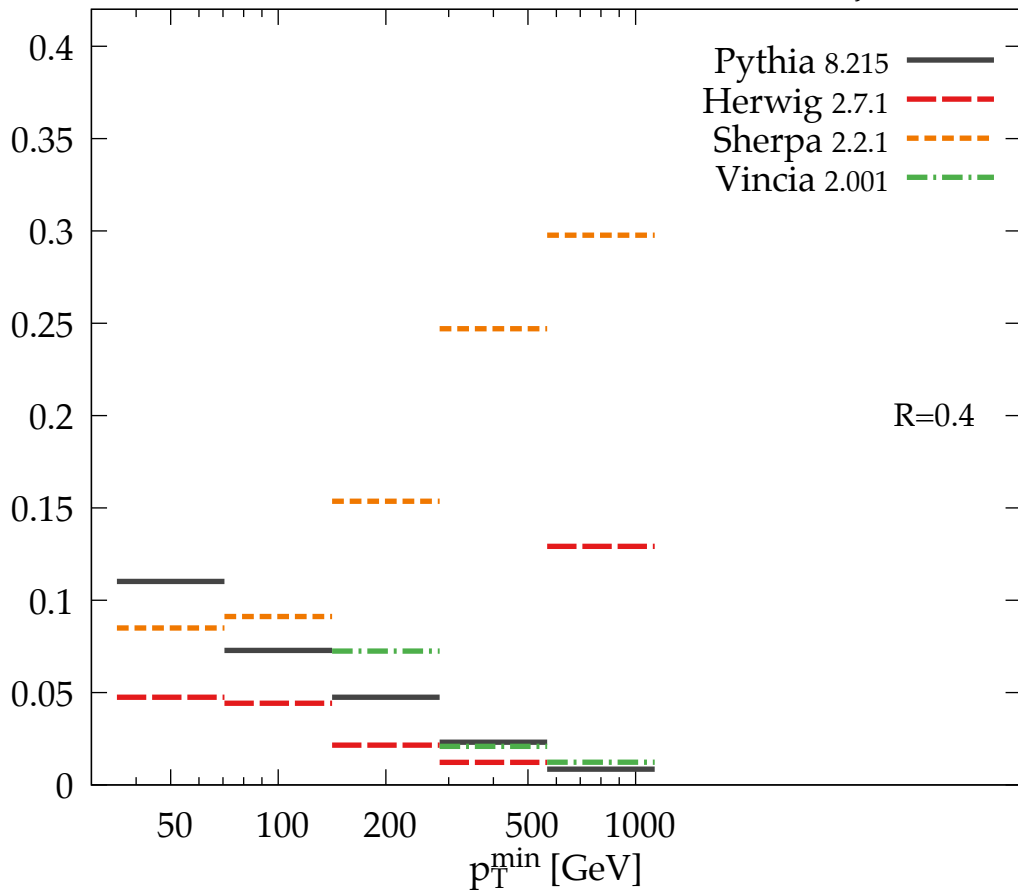
# $\lambda_1^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $\Delta$



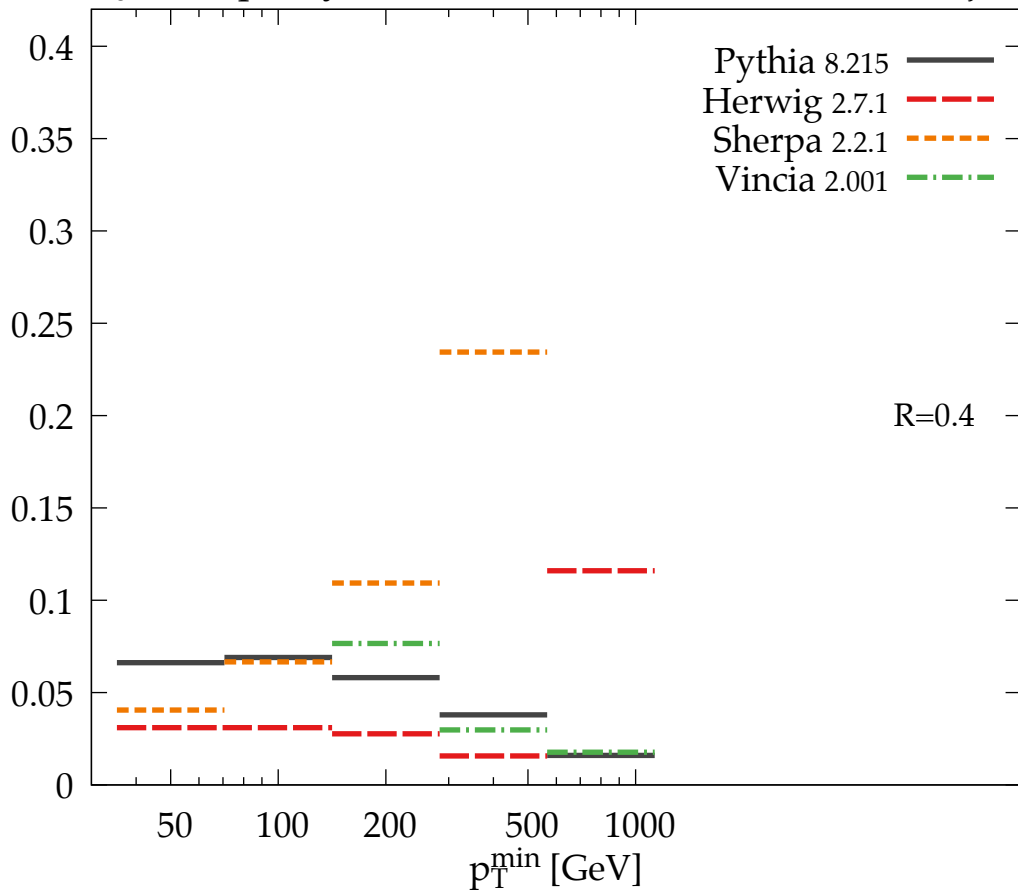
# $\lambda_2^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $\Delta$



$\lambda_0^0$  [multiplicity], Hadron-level, Hadron-level, mMDT jet

Separation:  $\Delta$

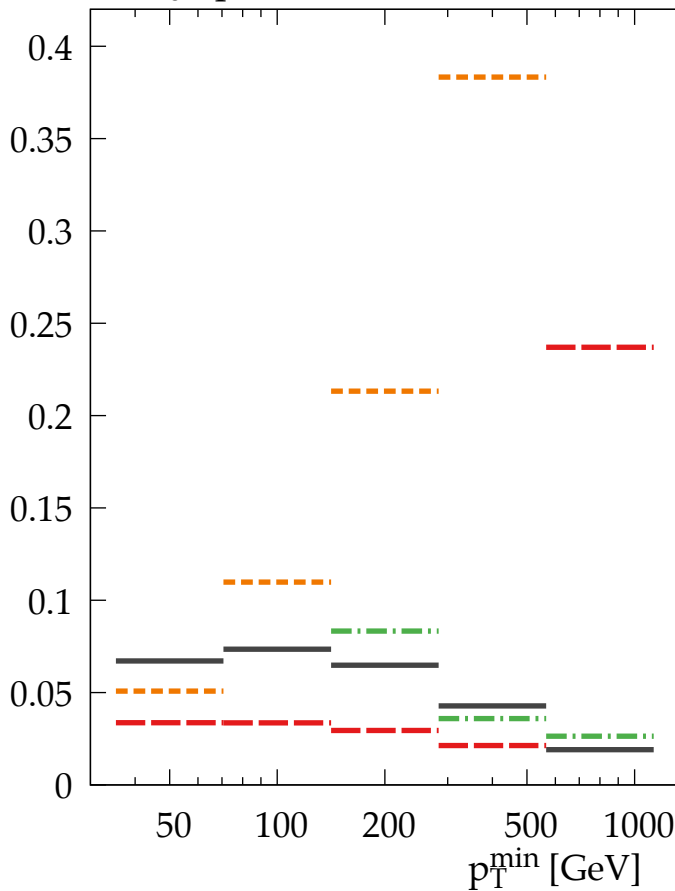


$\lambda_0^2 [(\mathbf{p}_T^D)^2]$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $\Delta$

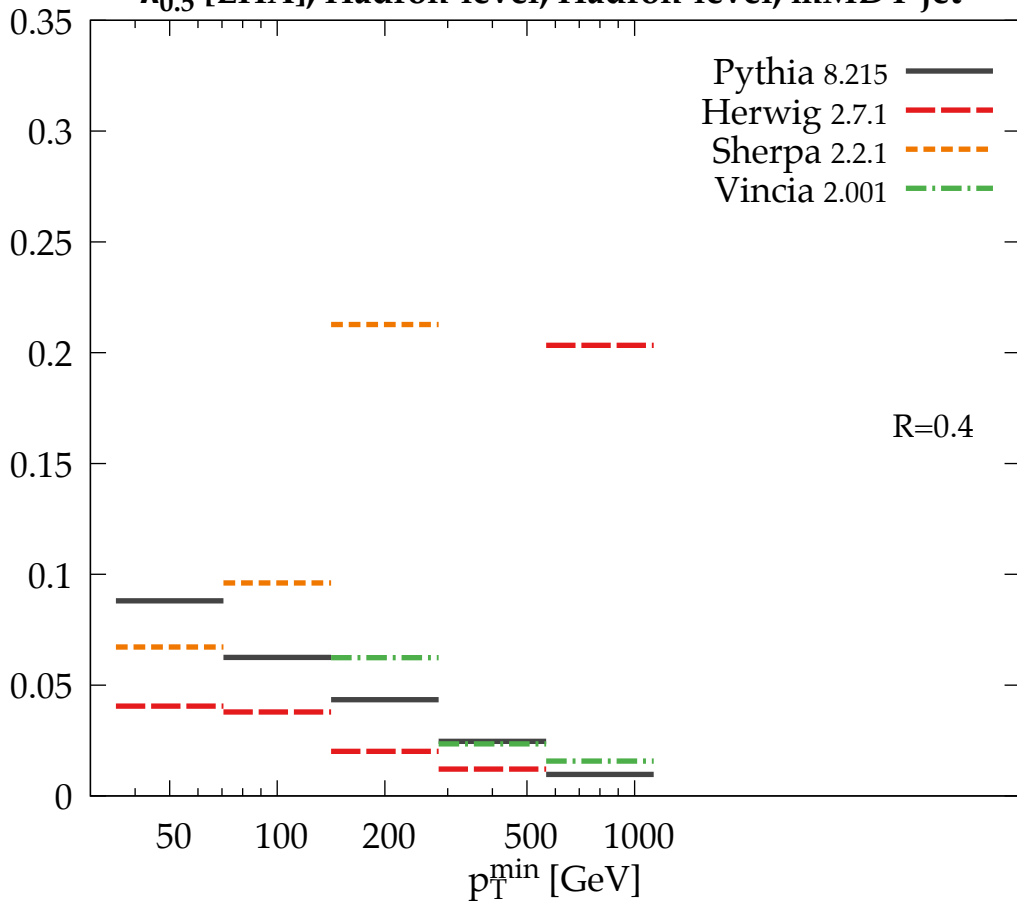
Pythia 8.215 —  
Herwig 2.7.1 - -  
Sherpa 2.2.1 - - -  
Vincia 2.001 - · - ·

R=0.4



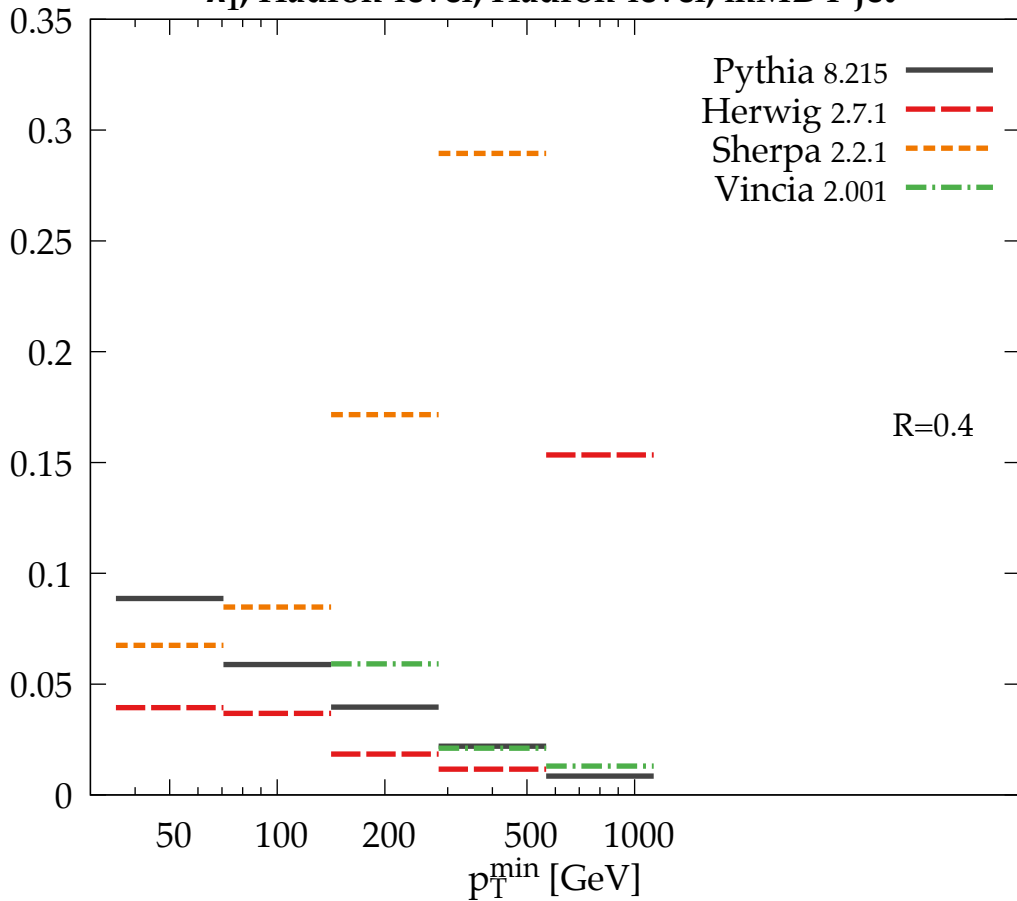
$\lambda_{0.5}^1$  [LHA], Hadron-level, Hadron-level, mMDT jet

Separation:  $I_{1/2}$



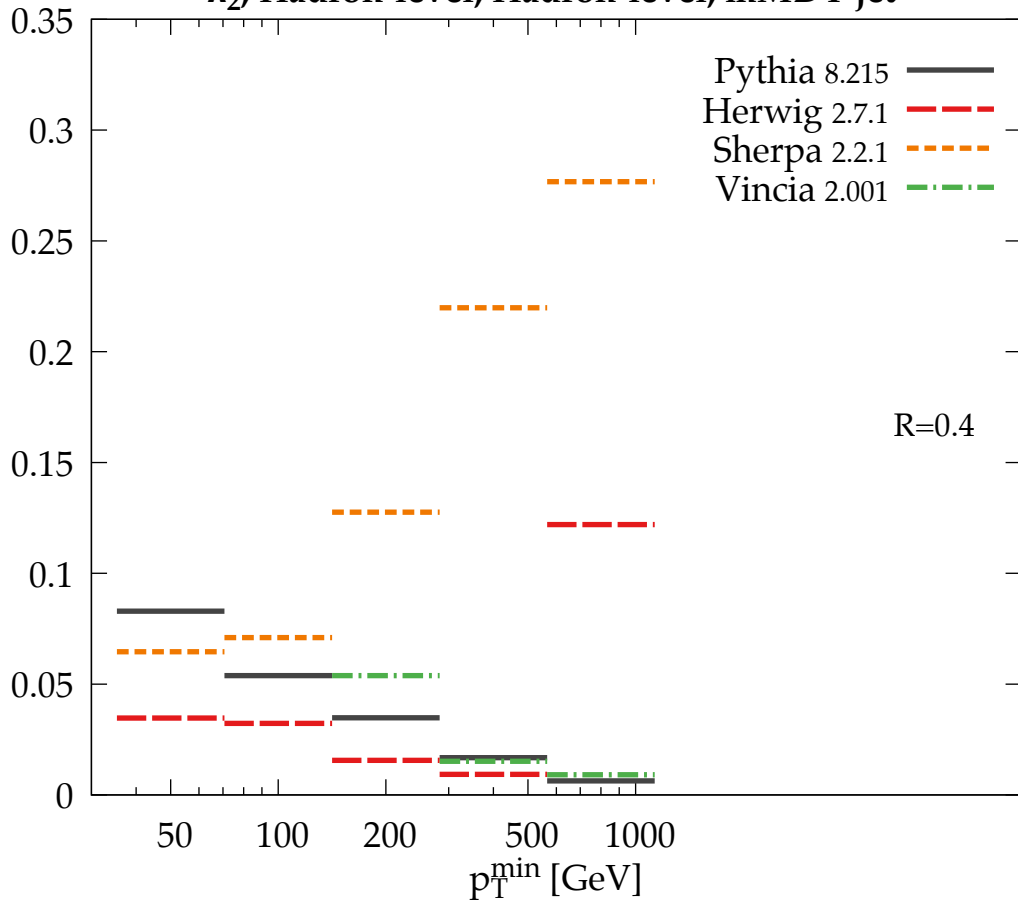
# $\lambda_1^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $I_{1/2}$



# $\lambda_2^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $I_{1/2}$





$\lambda_0^0$  [multiplicity], Hadron-level, Hadron-level, mMDT jet

Separation:  $I_{1/2}$

0.35

0.3

0.25

0.2

0.15

0.1

0.05

0

Pythia 8.215  
Herwig 2.7.1  
Sherpa 2.2.1  
Vincia 2.001

R=0.4

$p_T^{\min}$  [GeV]

50

100

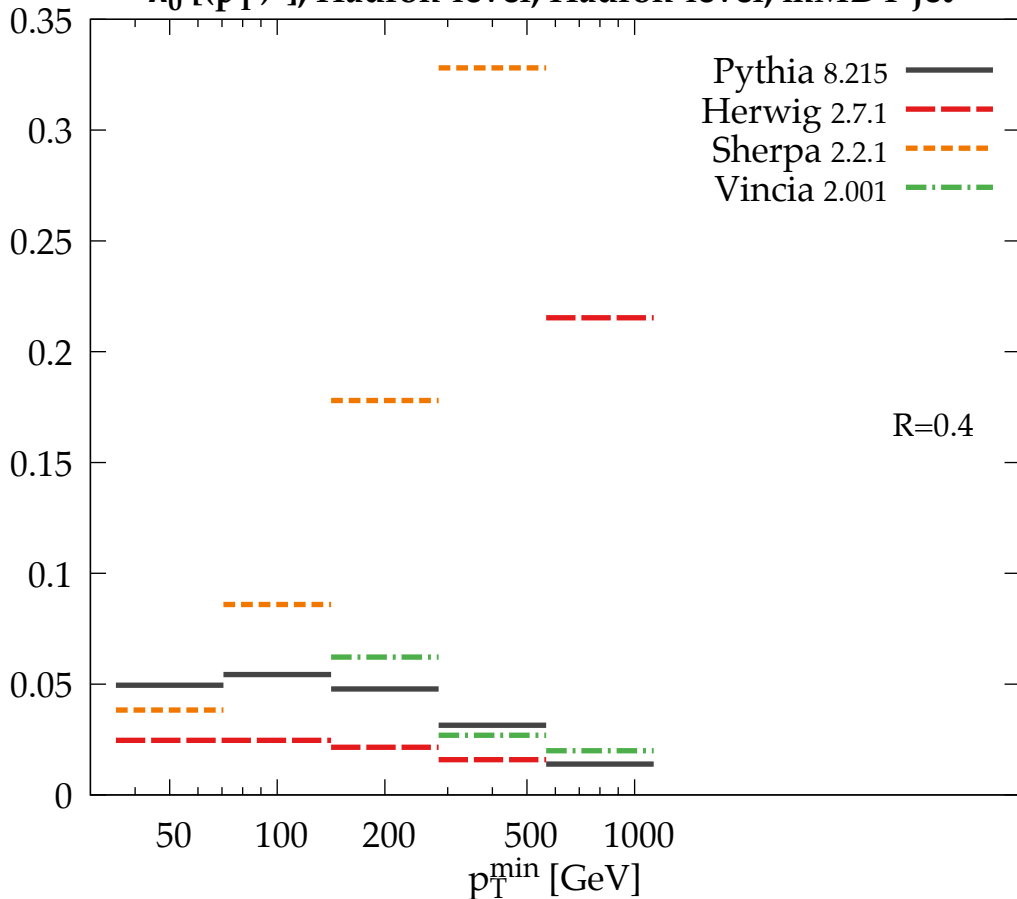
200

500

1000

$\lambda_0^2 [(p_T^D)^2]$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $I_{1/2}$

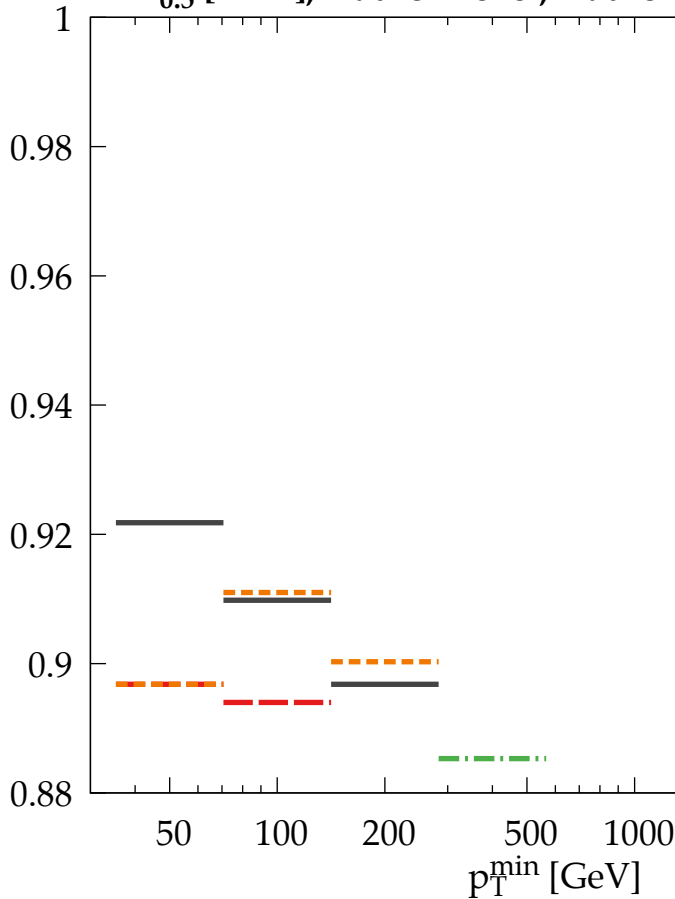


$\lambda_{0.5}^1$  [LHA], Hadron-level, Hadron-level, mMDT jet

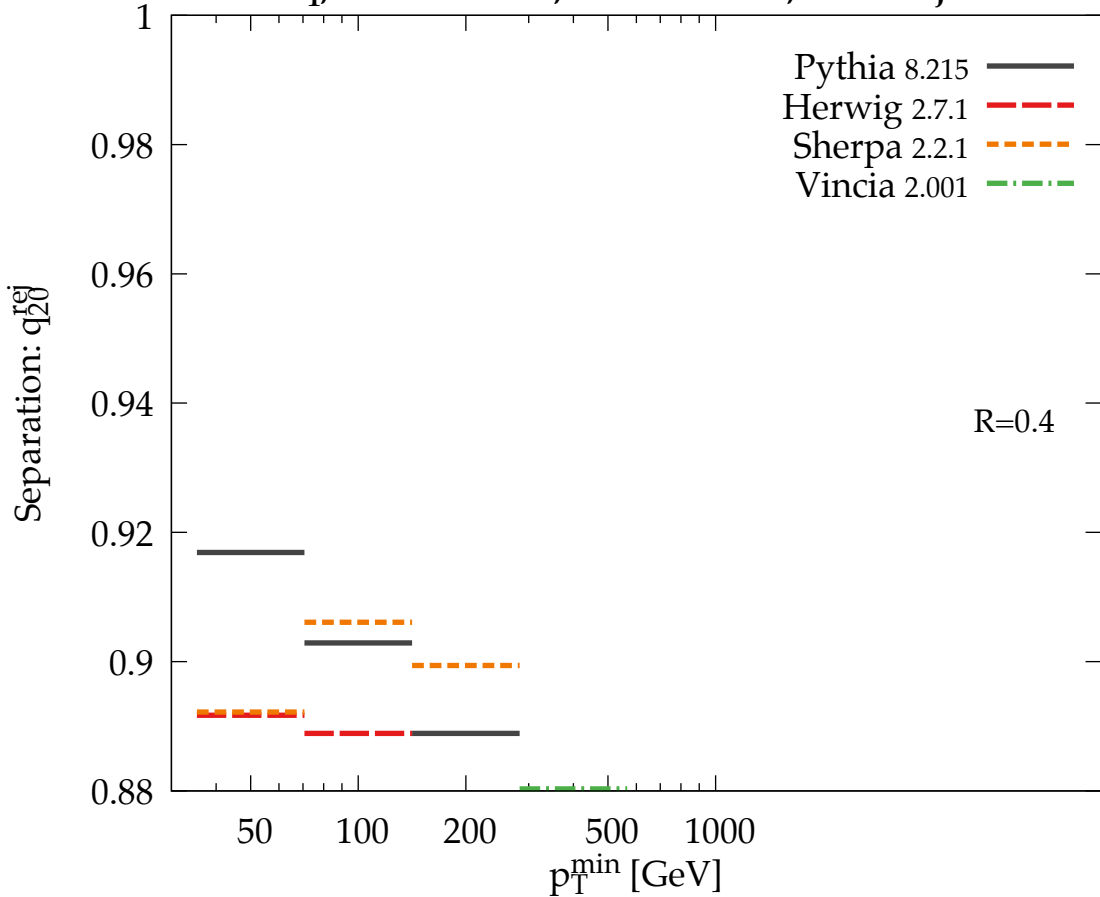
Separation:  $q_{20}^{\text{rej}}$

Pythia 8.215 —  
Herwig 2.7.1 - -  
Sherpa 2.2.1 - - -  
Vincia 2.001 - · - ·

R=0.4

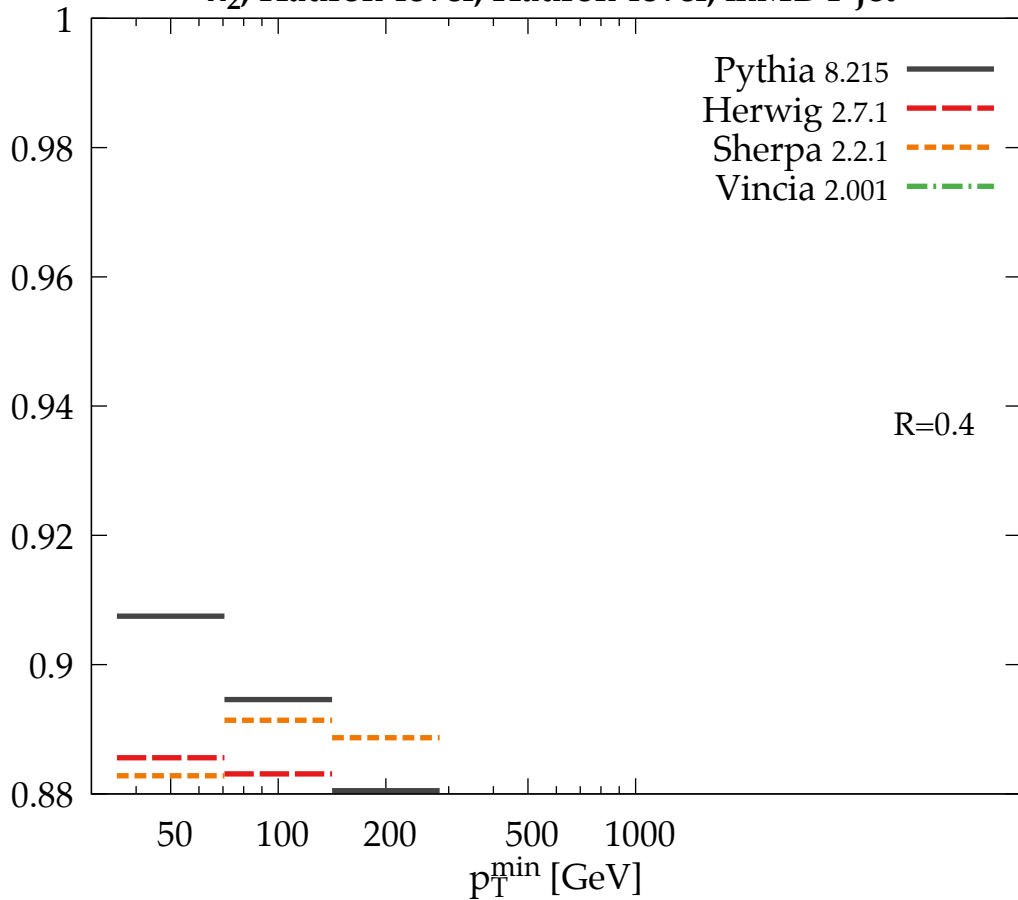


$\lambda_1^1$ , Hadron-level, Hadron-level, mMDT jet



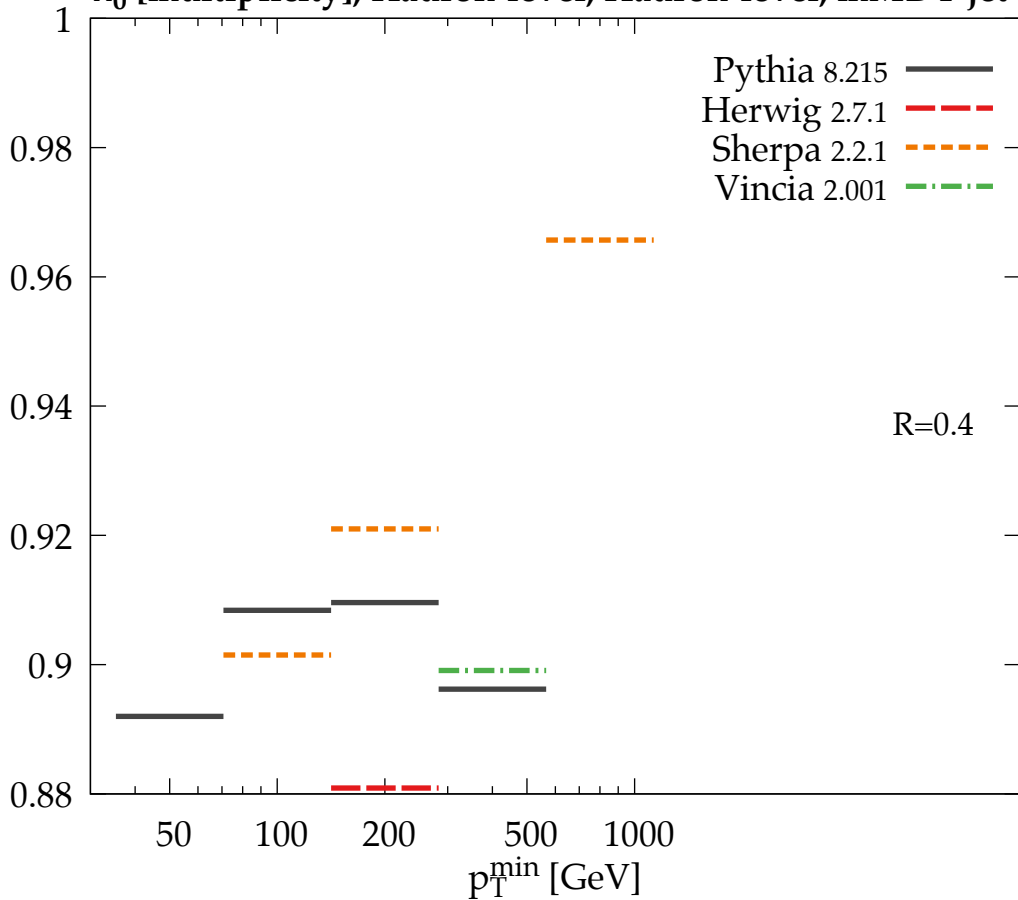
$\lambda_2^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $q_{20}^{\text{rej}}$



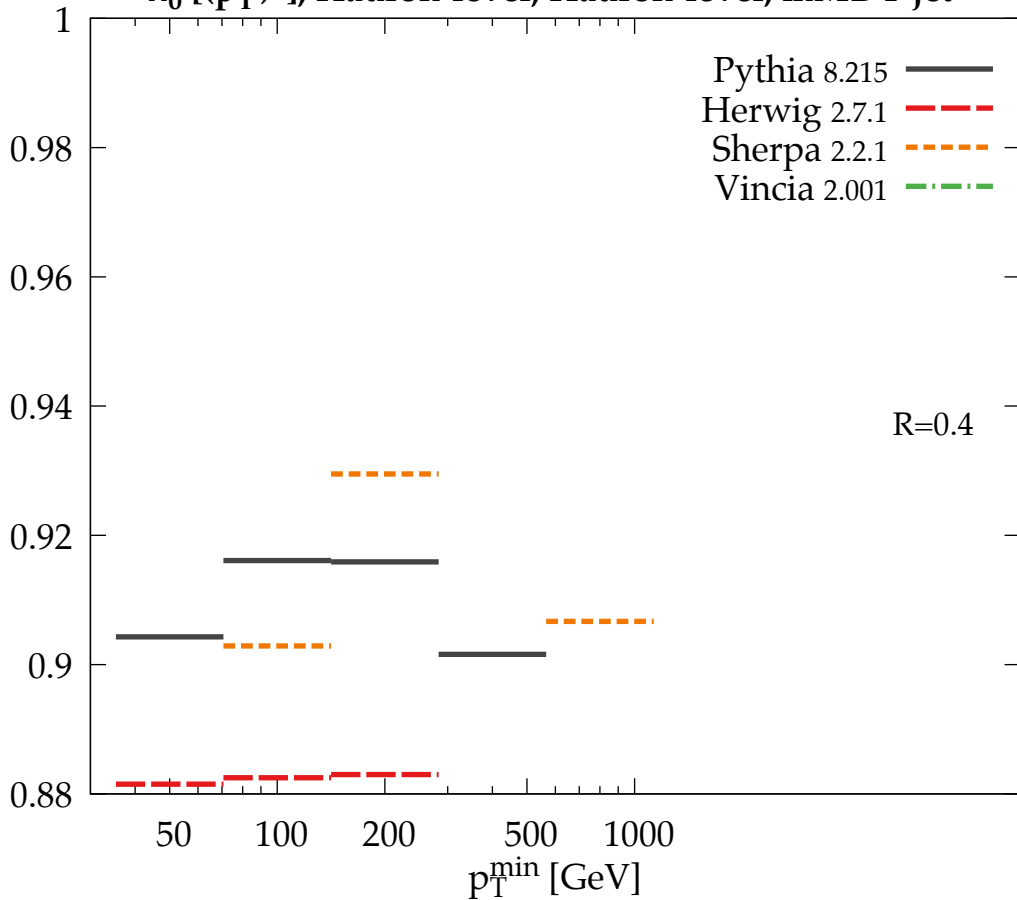
$\lambda_0^0$  [multiplicity], Hadron-level, Hadron-level, mMDT jet

Separation:  $q_{20}^{\text{rej}}$



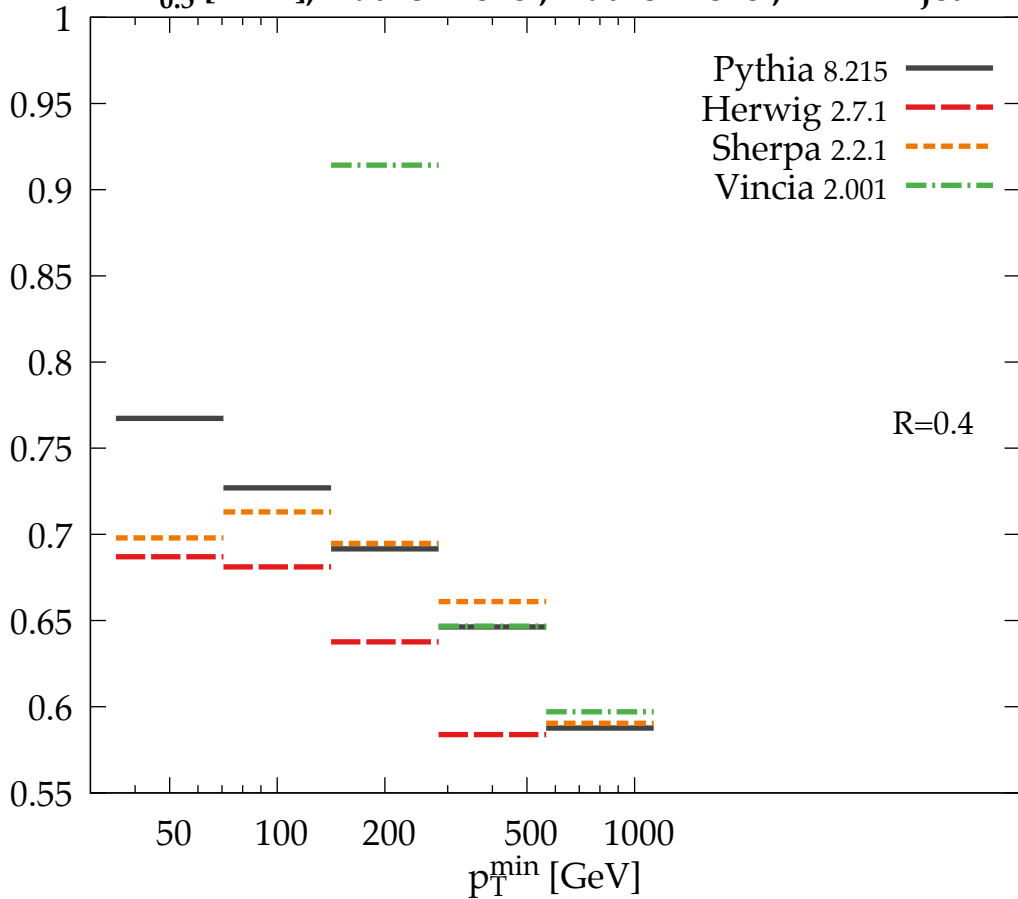
$\lambda_0^2 [(p_T^D)^2]$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $q_{20}^{\text{rej}}$



$\lambda_{0.5}^1$  [LHA], Hadron-level, Hadron-level, mMDT jet

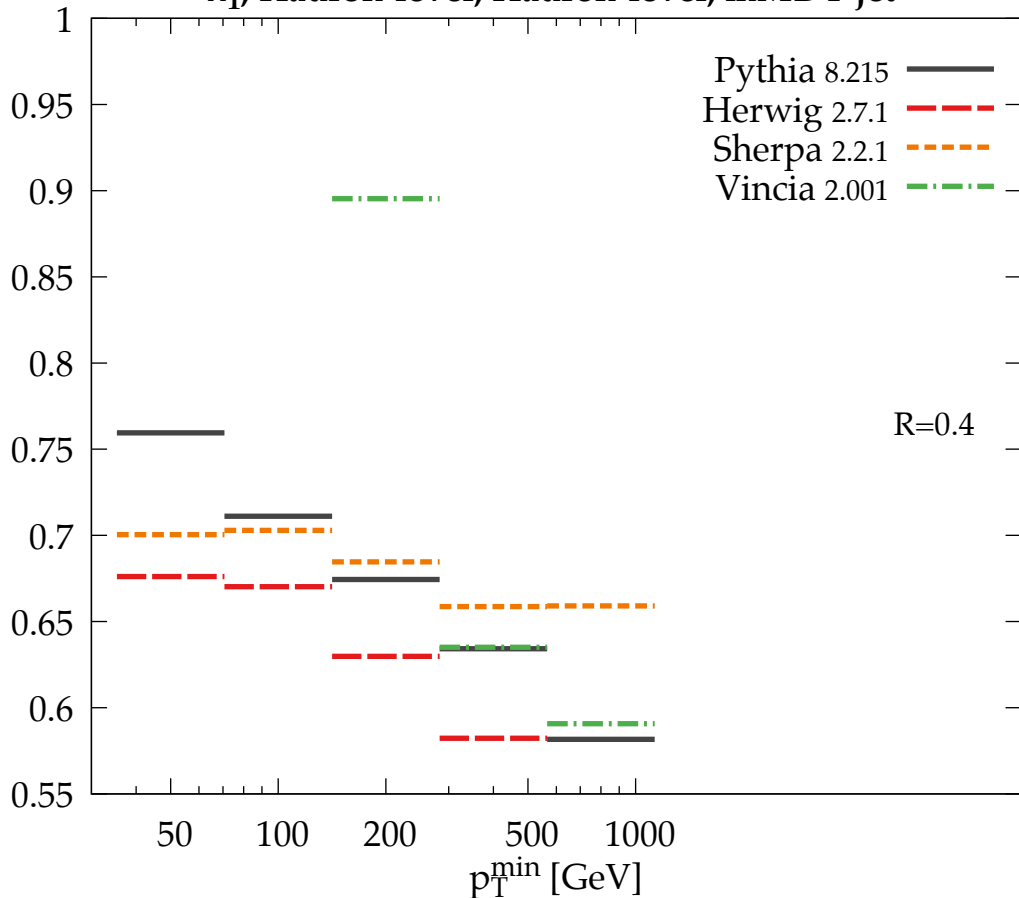
Separation:  $q_{50}^{\text{reg}}$





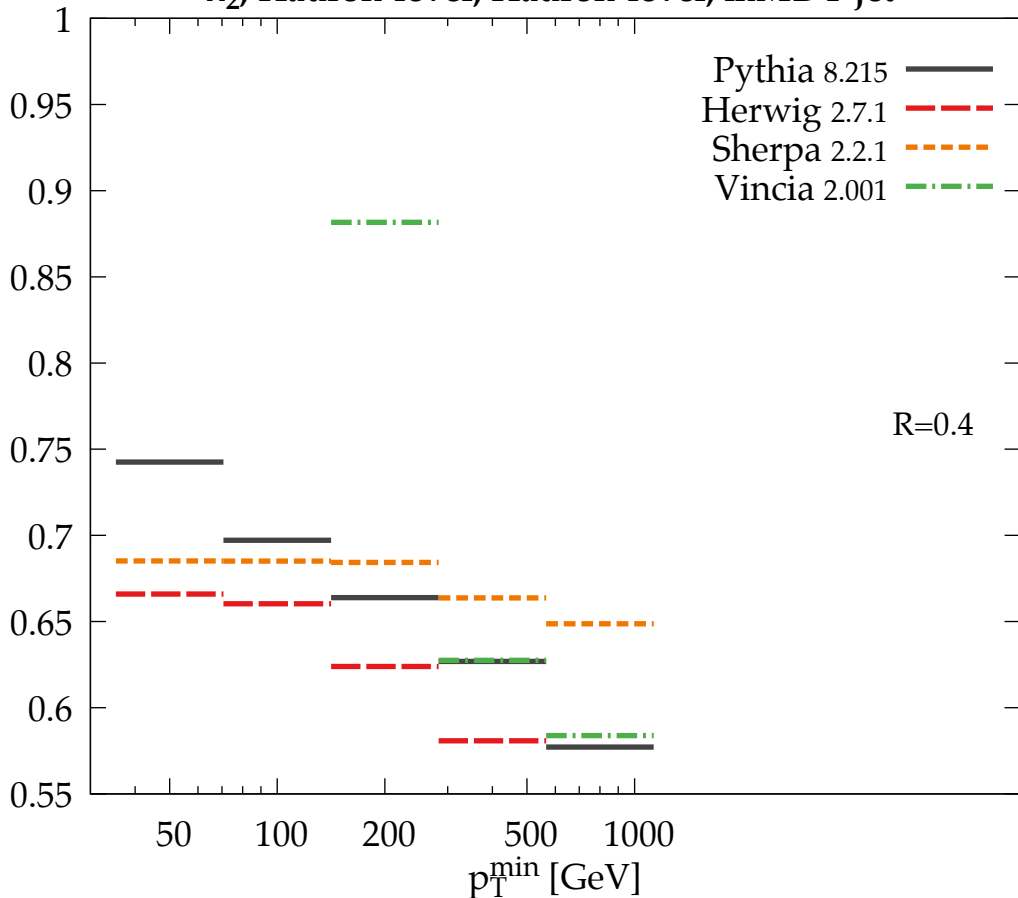
# $\lambda_1^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $q_{50}^{\text{reg}}$



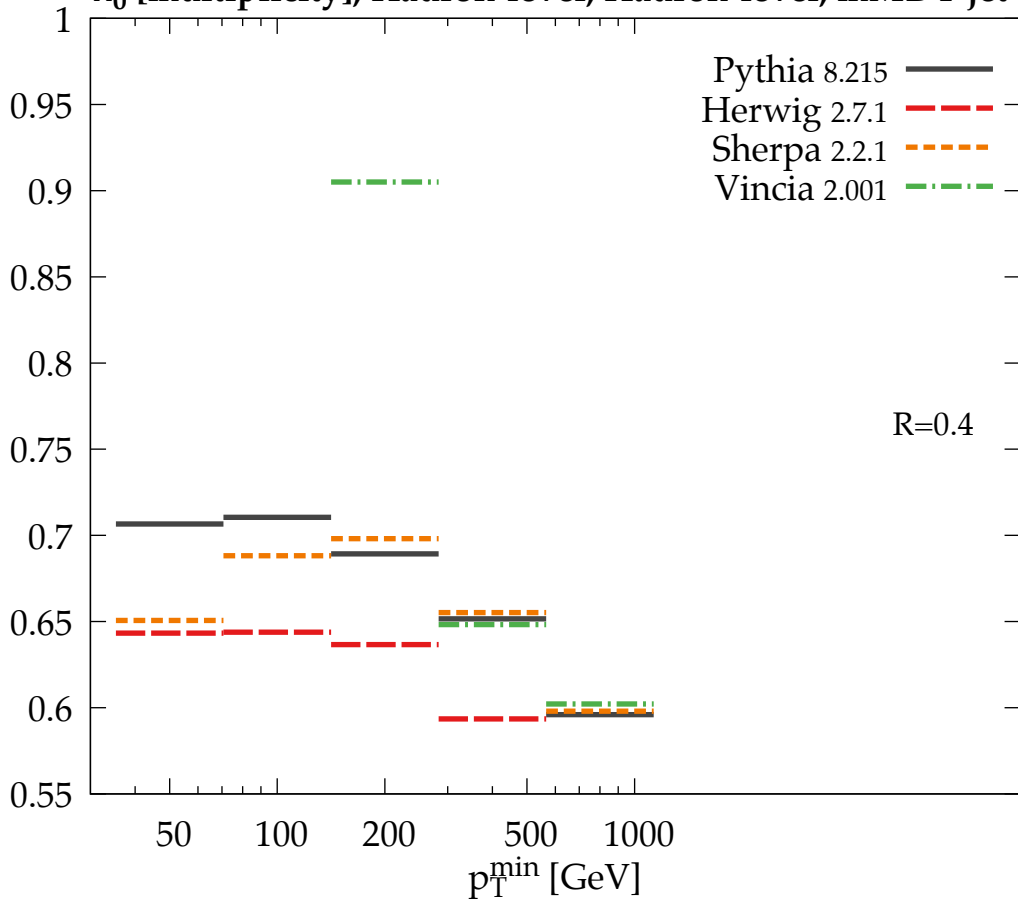
# $\lambda_2^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $q_{50}^{\text{reg}}$



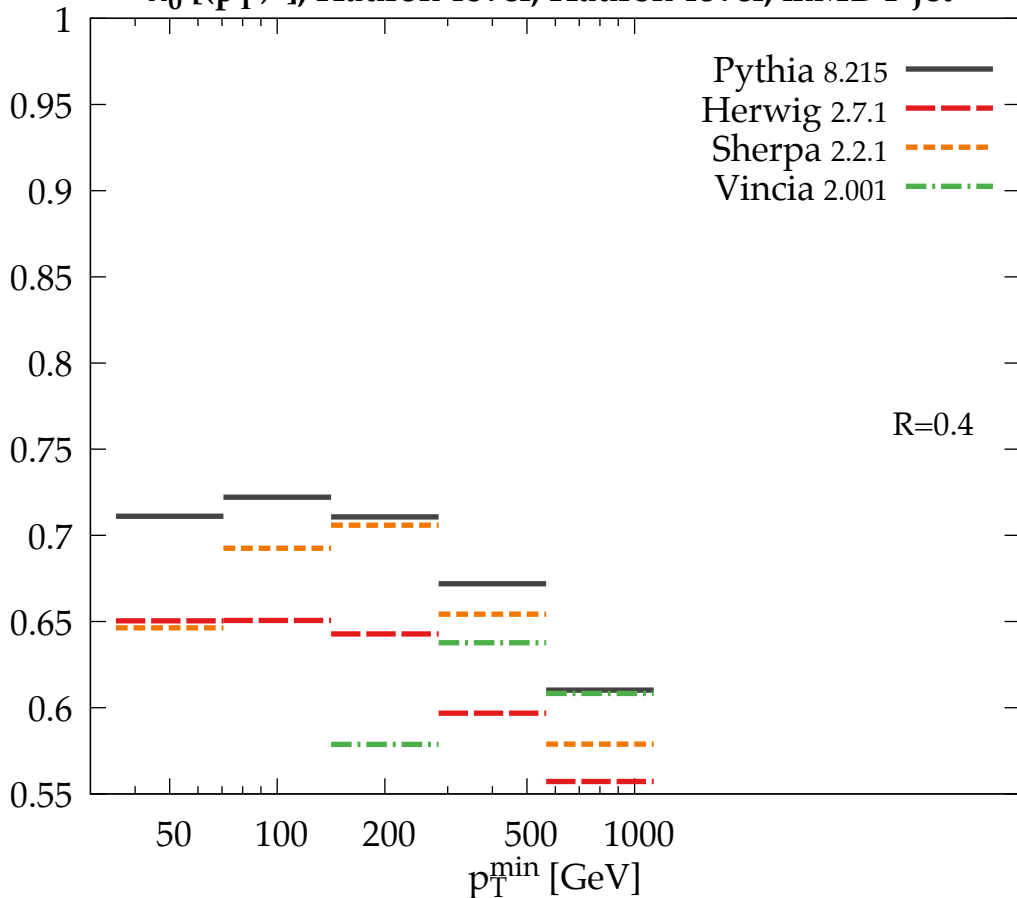
$\lambda_0^0$  [multiplicity], Hadron-level, Hadron-level, mMDT jet

Separation:  $q_{50}^{\text{reg}}$



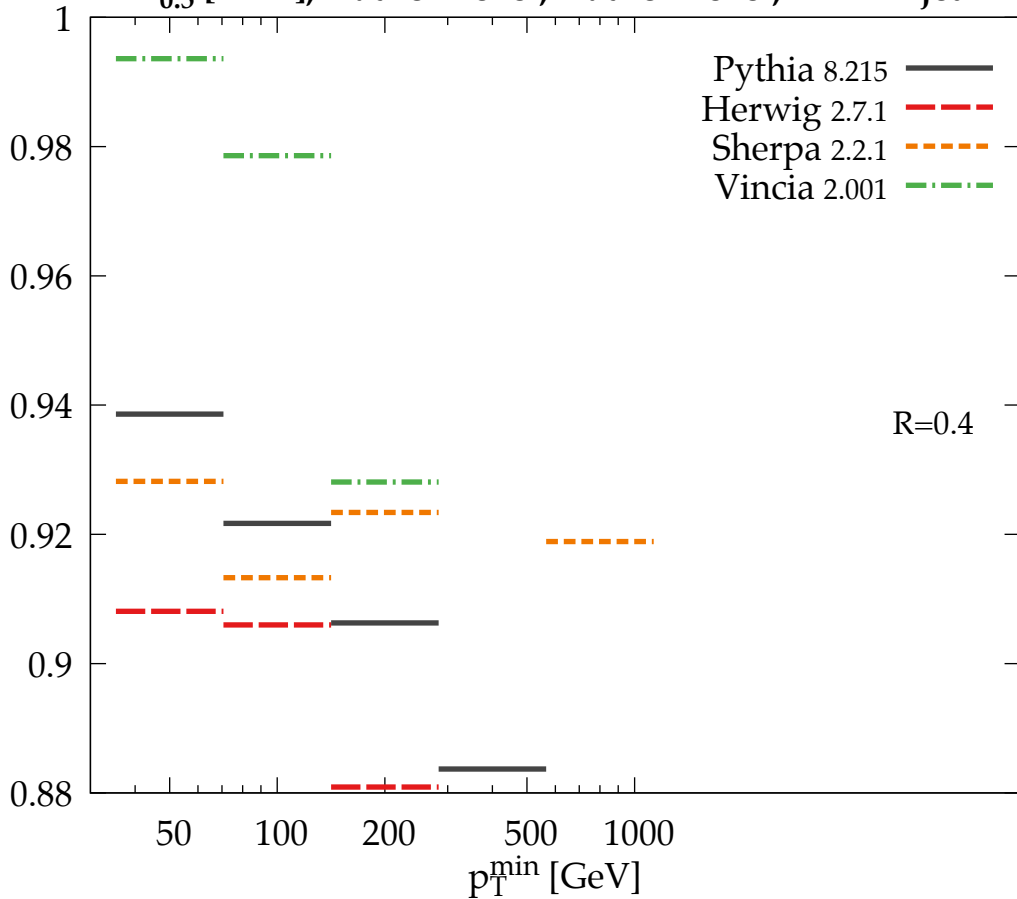
$\lambda_0^2 [(p_T^D)^2]$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $q_{50}^{reg}$



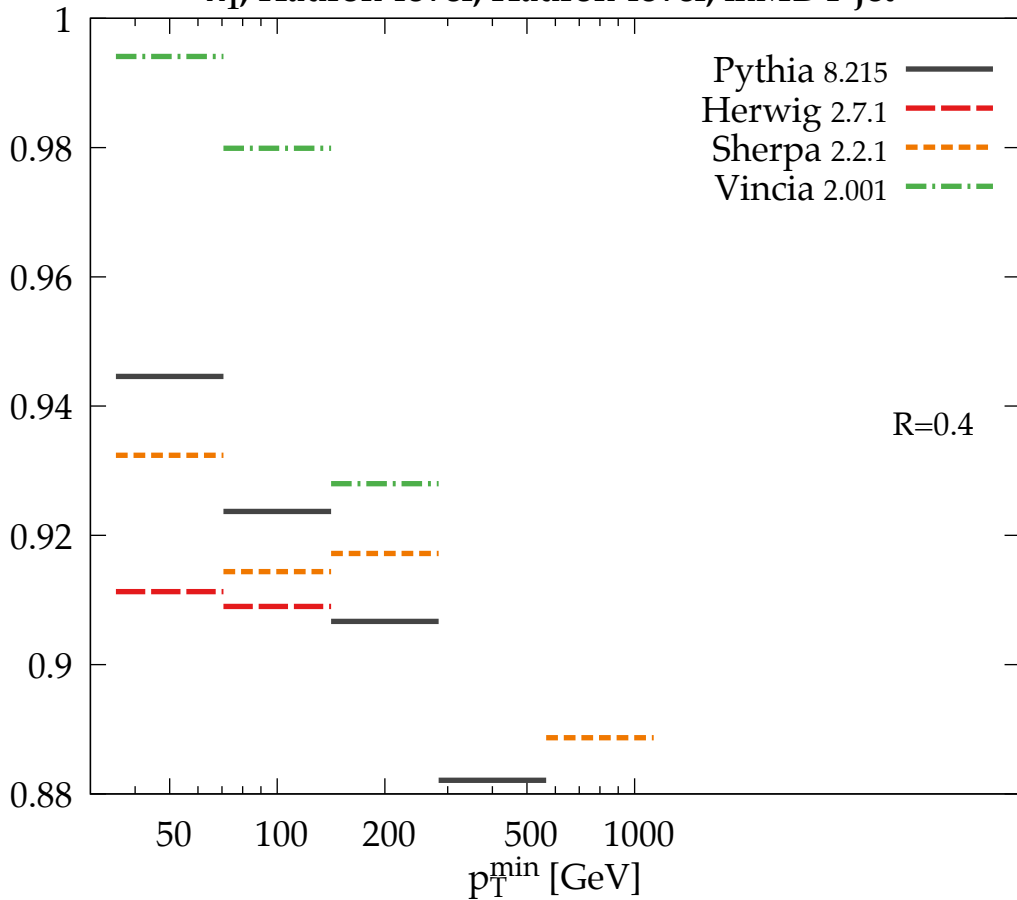
$\lambda_{0.5}^1$  [LHA], Hadron-level, Hadron-level, mMDT jet

Separation:  $g_{20}^{\text{rej}}$



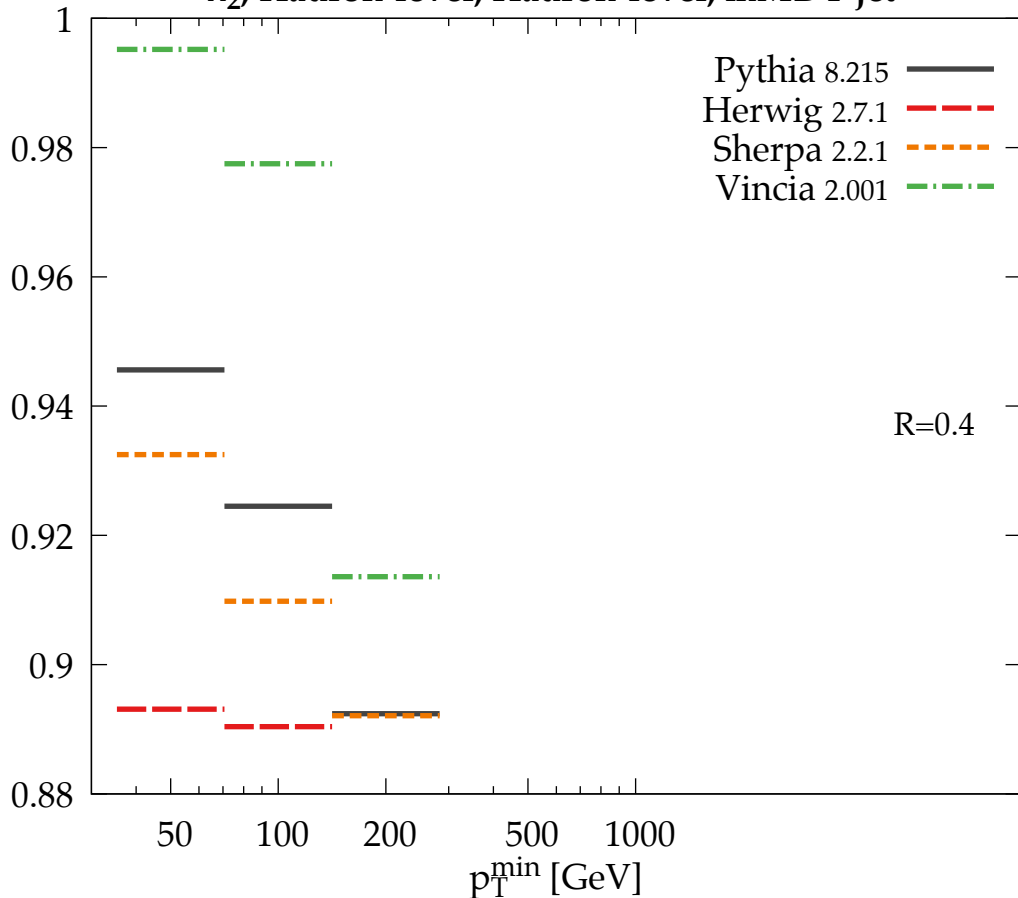
# $\lambda_1^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $g_{20}^{\text{rej}}$



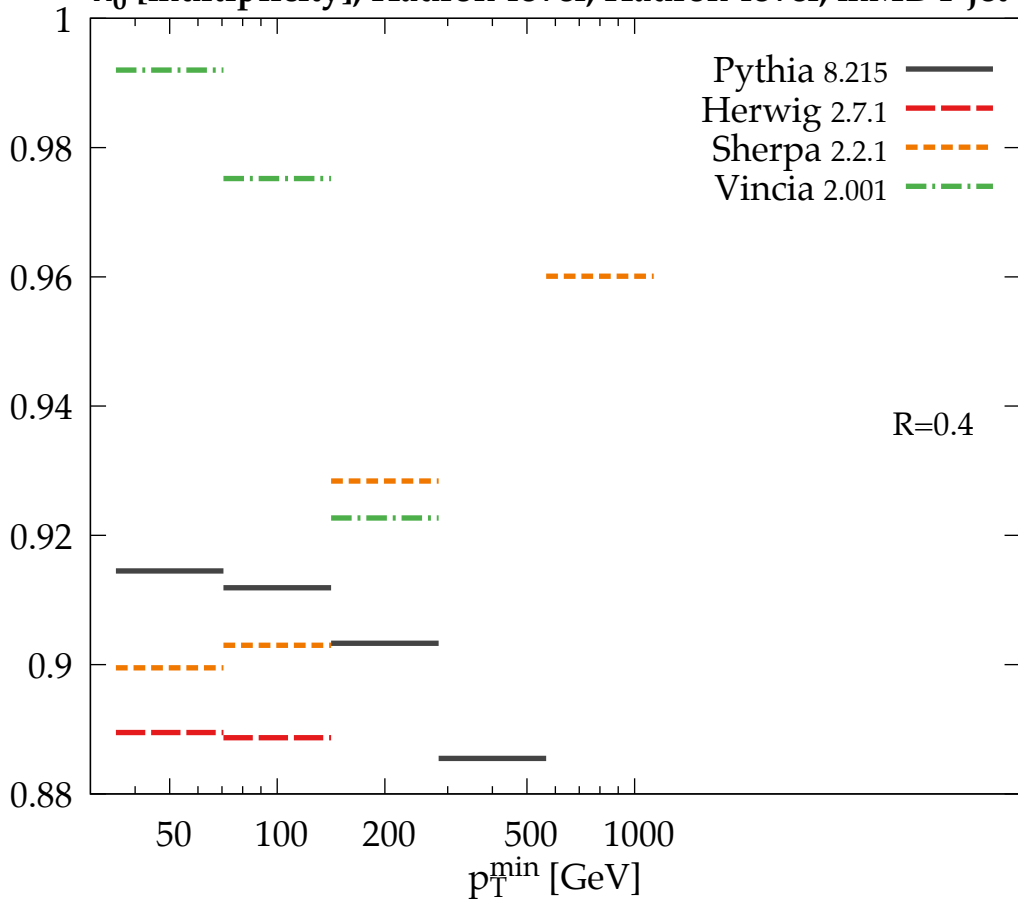
$\lambda_2^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $g_{20}^{\text{rej}}$



$\lambda_0^0$  [multiplicity], Hadron-level, Hadron-level, mMDT jet

Separation:  $g_{20}^{\text{rej}}$



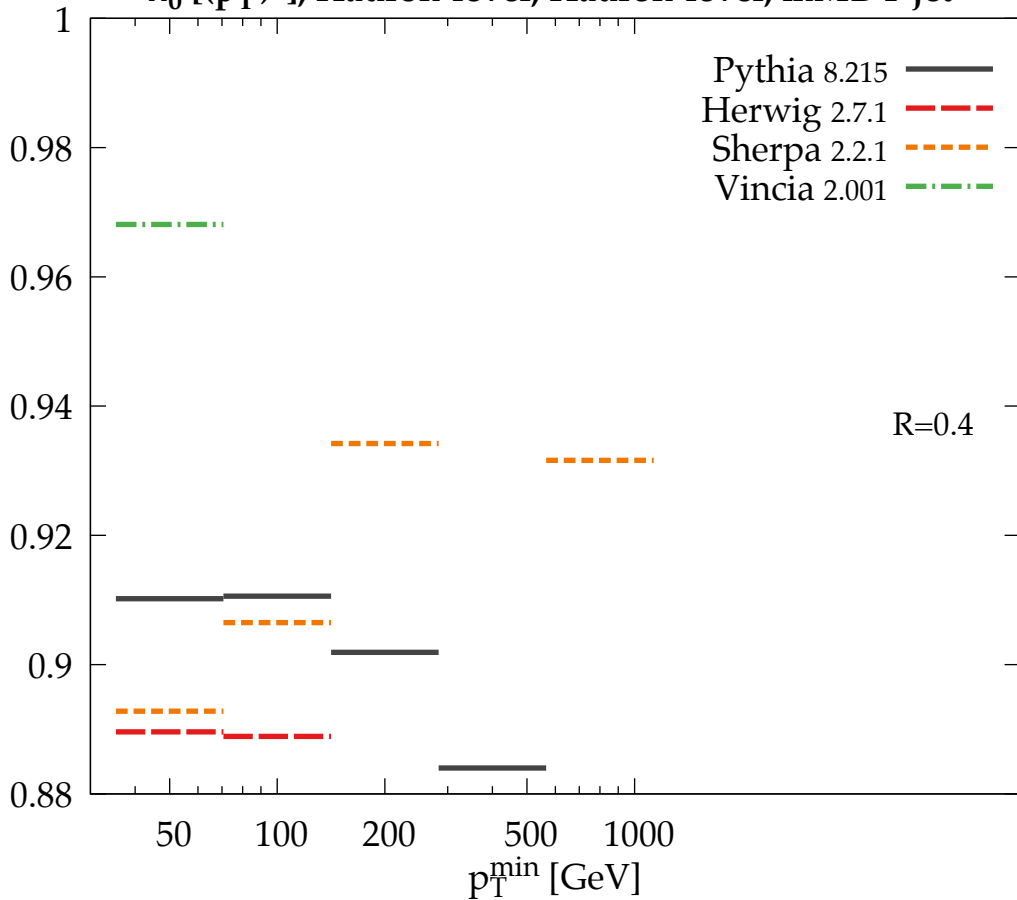


$\lambda_0^2 [(p_T^D)^2]$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $g_{20}^{\text{rej}}$

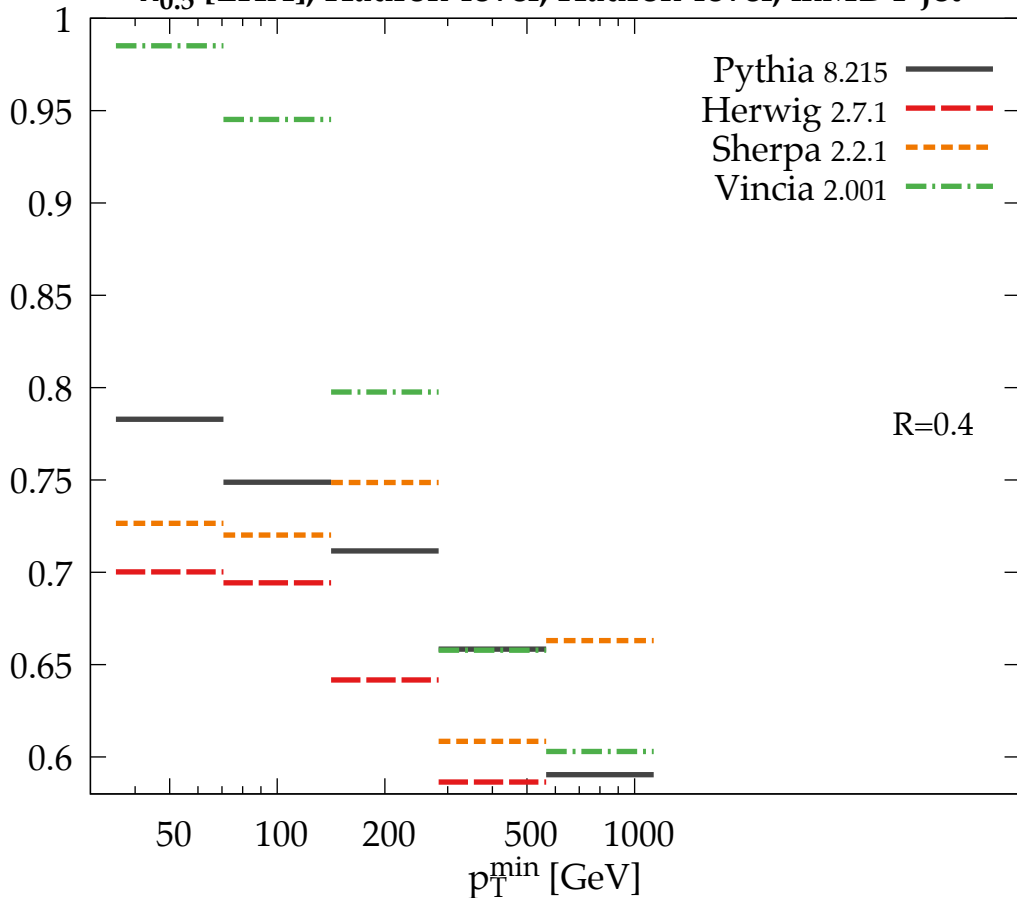
Pythia 8.215  
Herwig 2.7.1  
Sherpa 2.2.1  
Vincia 2.001

R=0.4



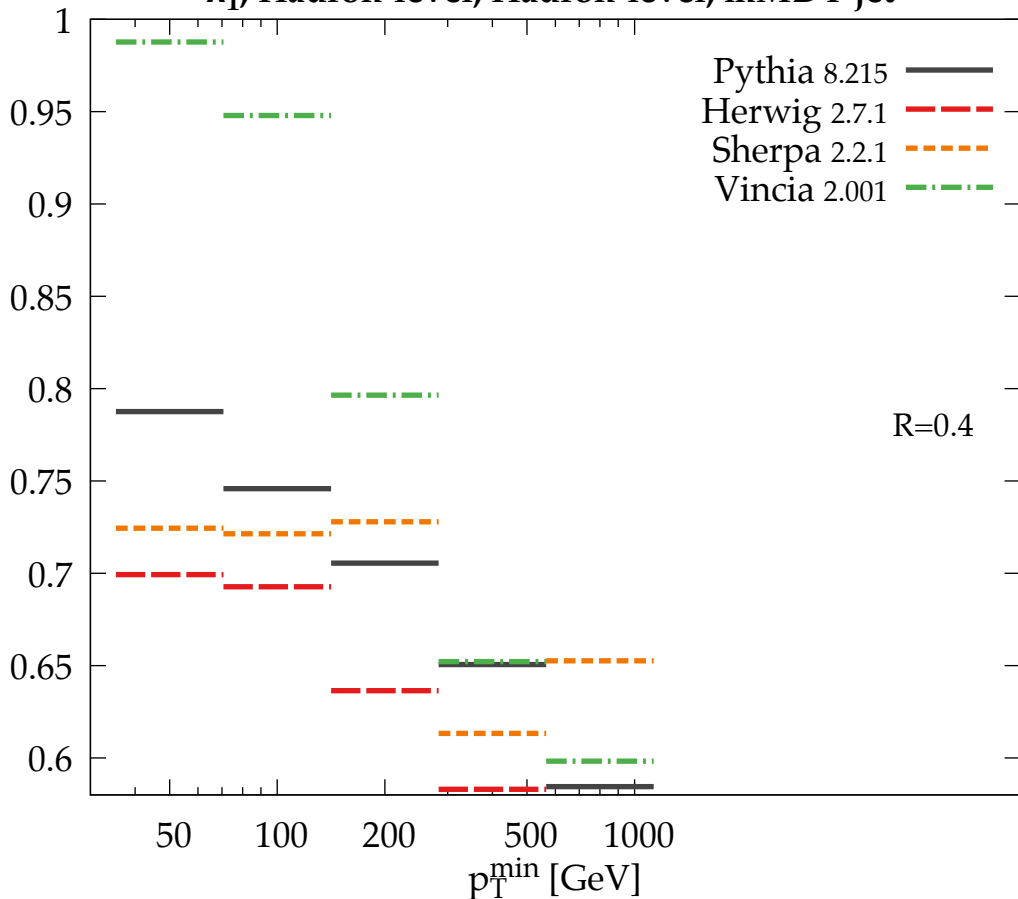
$\lambda_{0.5}^1$  [LHA], Hadron-level, Hadron-level, mMDT jet

Separation:  $g_{50}^{\text{rej}}$



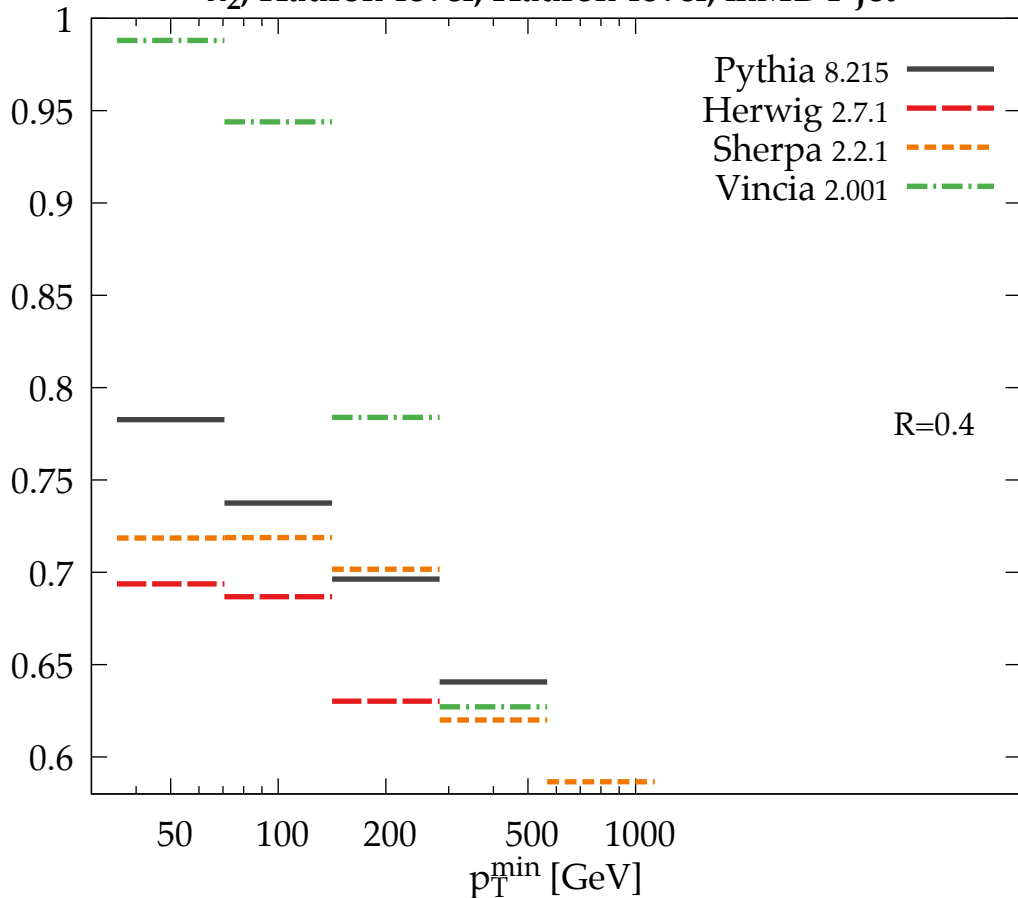
# $\lambda_1^1$ , Hadron-level, Hadron-level, mMDT jet

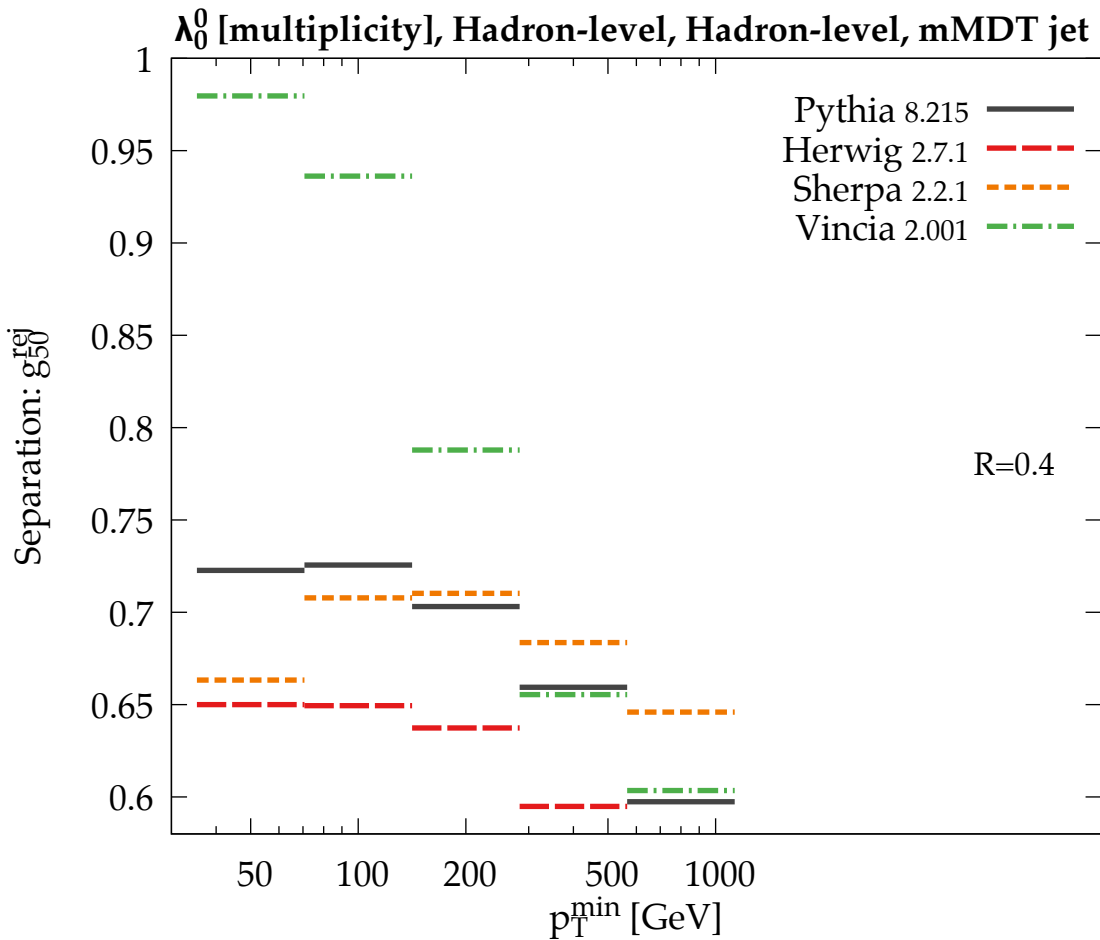
Separation:  $g_{50}^{\text{rej}}$



# $\lambda_2^1$ , Hadron-level, Hadron-level, mMDT jet

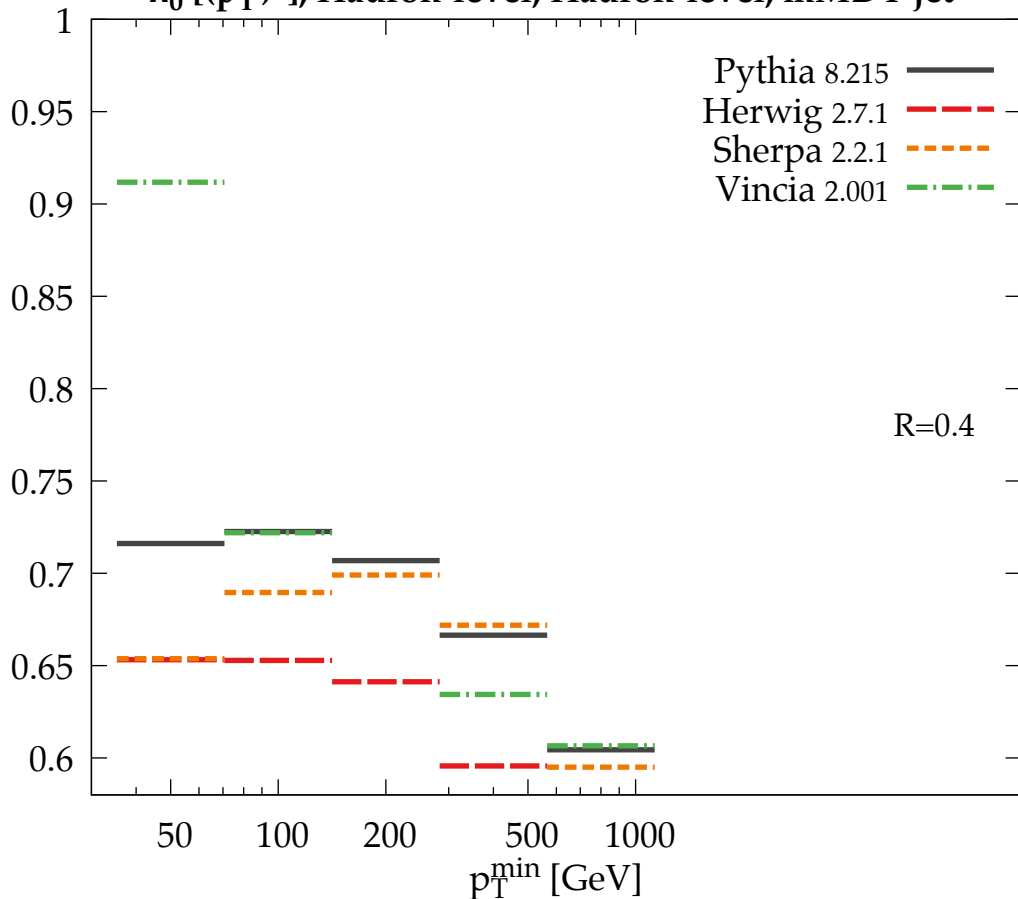
Separation:  $g_{50}^{\text{rej}}$





$\lambda_0^2 [(p_T^D)^2]$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $g_{50}^{\text{rej}}$

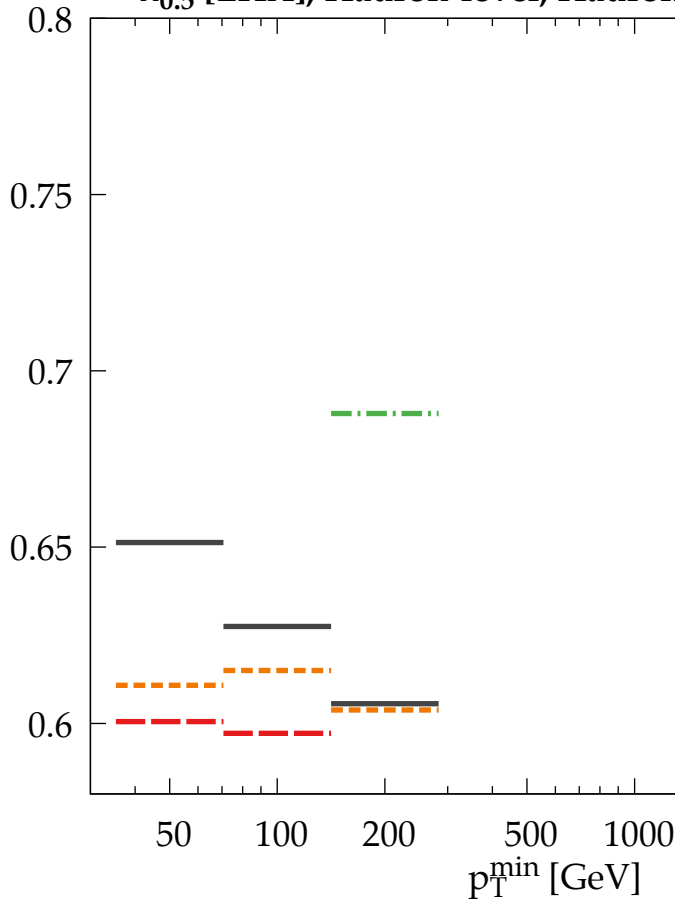


$\lambda_{0.5}^1$  [LHA], Hadron-level, Hadron-level, mMDT jet

Separation:  $s^{\text{rej}}$

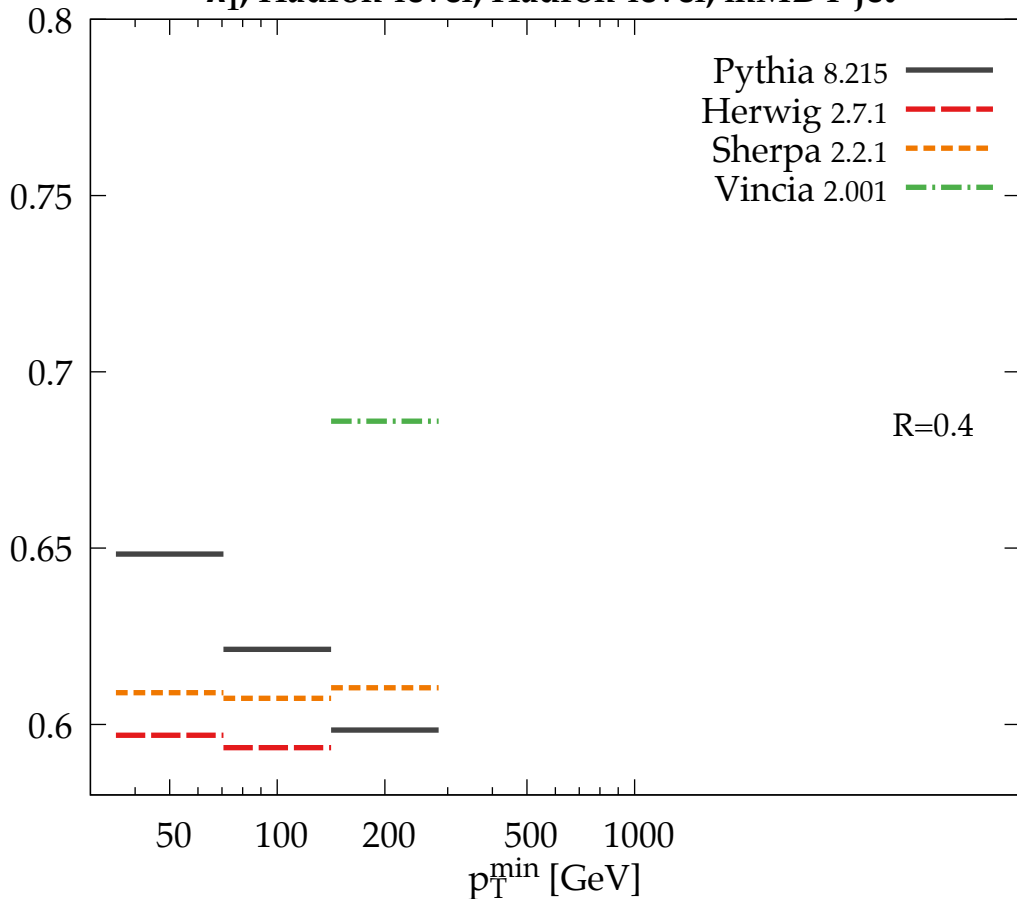
Pythia 8.215 —  
Herwig 2.7.1 - -  
Sherpa 2.2.1 - - -  
Vincia 2.001 - · - ·

R=0.4



$\lambda_1^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $s^{\text{rej}}$



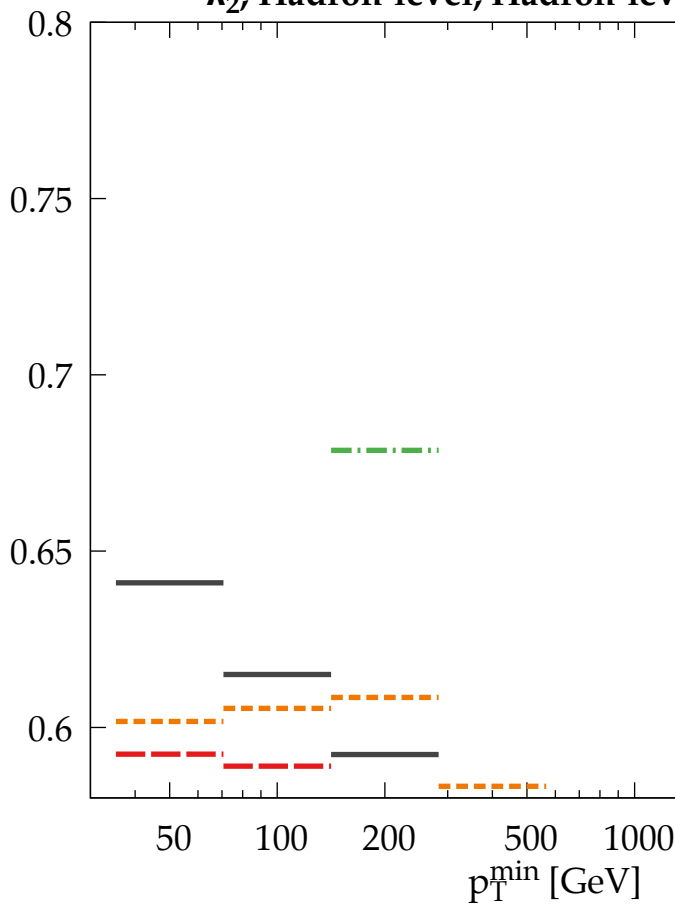


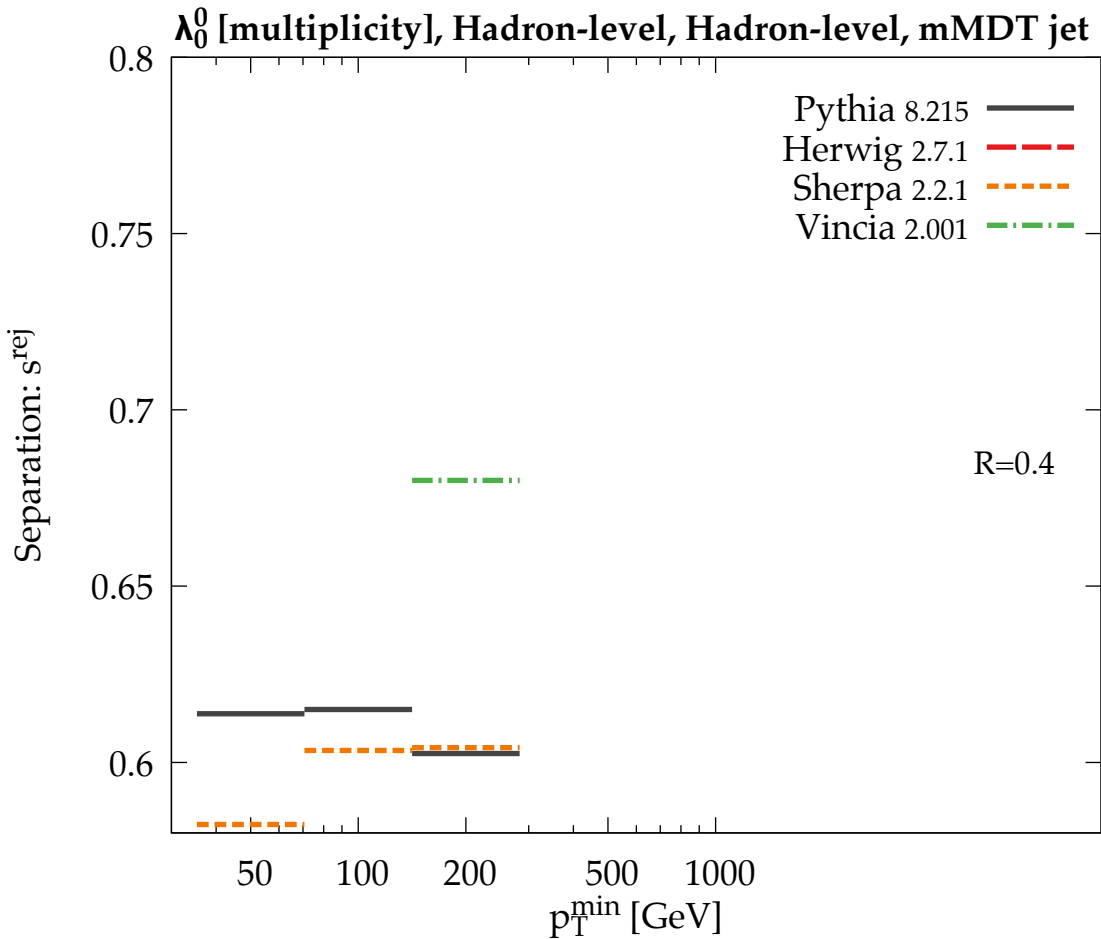
$\lambda_2^1$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $s^{\text{rej}}$

Pythia 8.215  
Herwig 2.7.1  
Sherpa 2.2.1  
Vincia 2.001

R=0.4





$\lambda_0^2 [(\mathbf{p}_T^D)^2]$ , Hadron-level, Hadron-level, mMDT jet

Separation:  $s^{\text{rej}}$

Pythia 8.215 —  
Herwig 2.7.1 - -  
Sherpa 2.2.1 - - -  
Vincia 2.001 - · - ·

R=0.4

