

Comparison of SUSY Signal with MC Generators Herwig++ and Pythia8

mc school 09

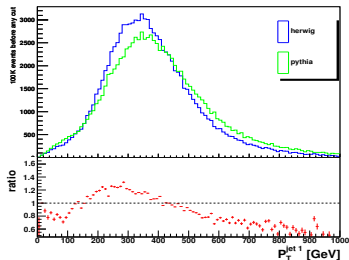
23.04.2009

Cuts

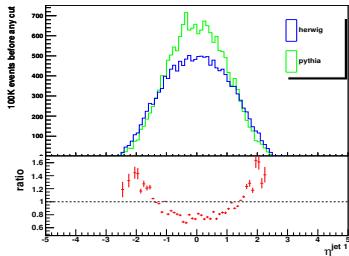
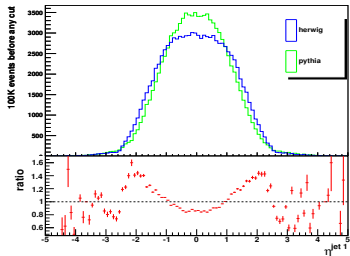
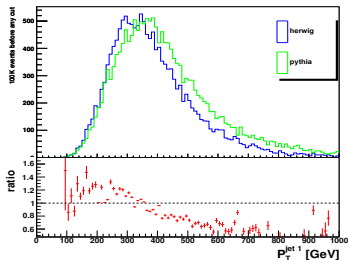
- ≥ 4 jets
- transverse momenta of jets $p_T > 50$ GeV
- pseudo rapidity of jets $|\eta| < 2.5$
- missing transverse energy $E_{T\text{mis}} > 100$ GeV

Transverse momentum and rapidity distributions

● before cuts

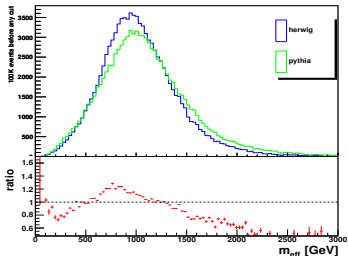


● after cuts



Effective Mass & Missing Transverse Energy

● before cuts



● after cuts

