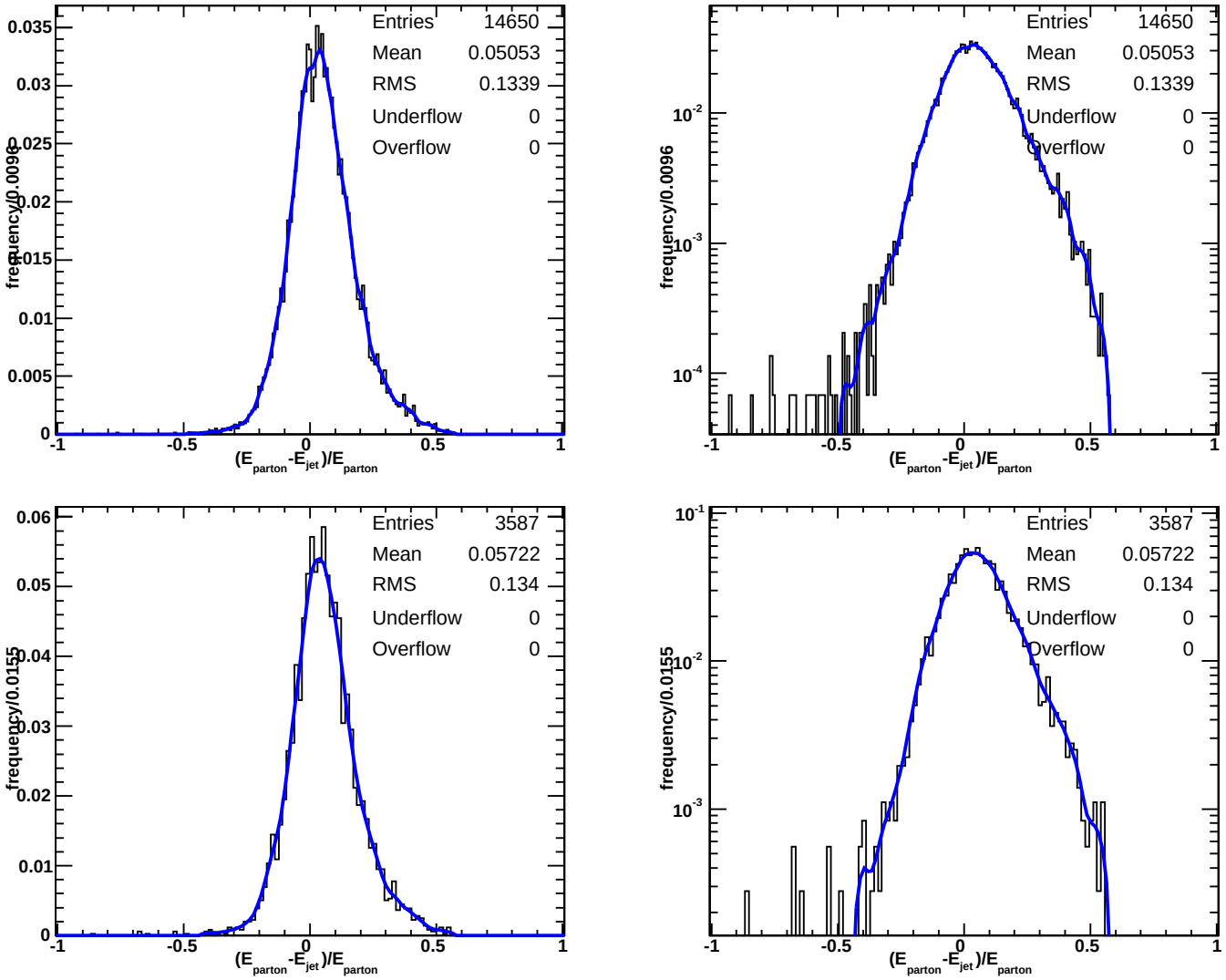
Pythia/Herwig+Alpgen “parton shower systematic” samples

- Two samples: each with identical ME-generator input
- Sample A is showered with HERWIG
- Sample B is showered with PYTHIA
- Both will have *identical* generator-level kinematics, event-by-event
  - Every element (event) of A is mapped to B, and vice versa
  - No “regeneration” of CDF sim+prod+topfind jobs that crash (for now)
- ETA: 1 week

all-had vs lepton+jets $1.4 < |\eta| < 2.0$
$100\ \text{GeV} < E_{parton} < 110\ \text{GeV}$


Entries 14650
Mean 0.05053
RMS 0.1339
Underflow 0
Overflow 0
frequency/0.0096
(E_parton-E_jet)/E_parton
Entries 3587
Mean 0.05722
RMS 0.134
Underflow 0
Overflow 0
frequency/0.0155
(E_parton-E_jet)/E_parton