Andrei Krokhotine (ITEP)

Jet Energy Corrections

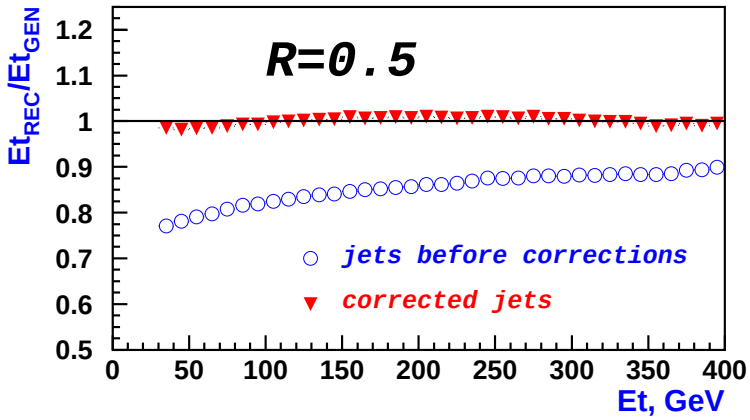
Offline jets:

- Generated Jets R=0.5 - Reconstructed Jets R=0.5
- Generated Jets R=0.7 - Reconstructed Jets R=0.7

L1 jets:

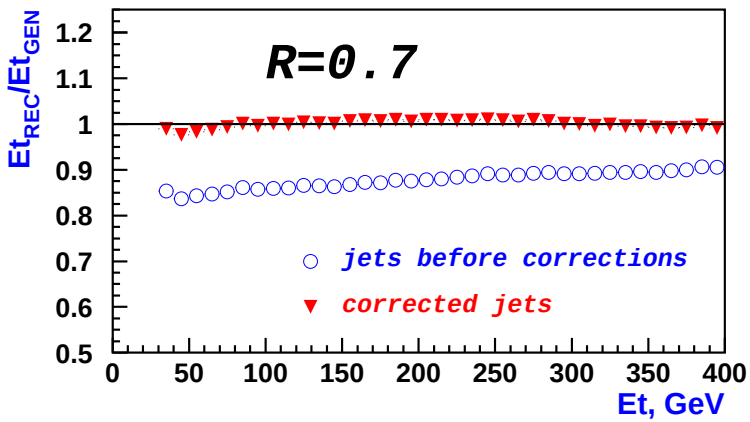
- Generated Jets R=0.5 - L1 jets
- Generated Jets R=0.5 - L1 jets

Corrections for Offline Jets



Generated Jet, R=0.5 -

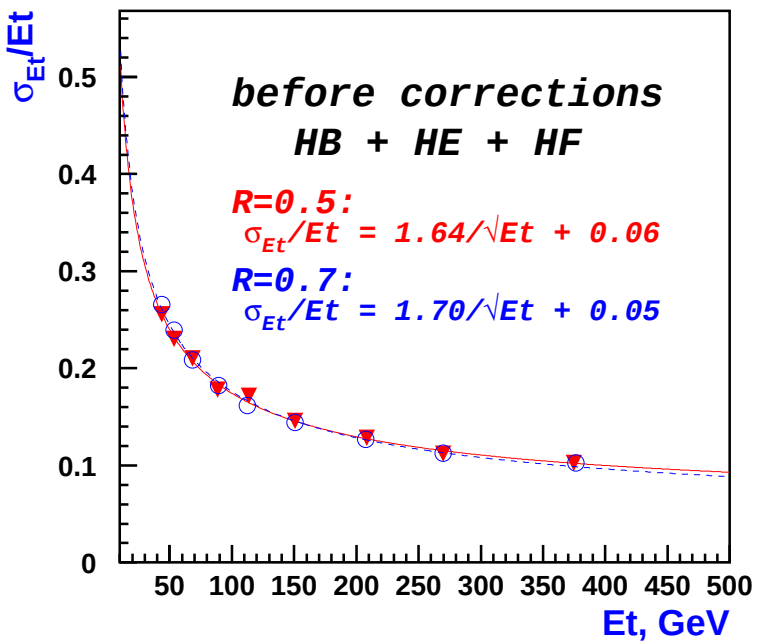
Reconstructed Jet, R=0.5

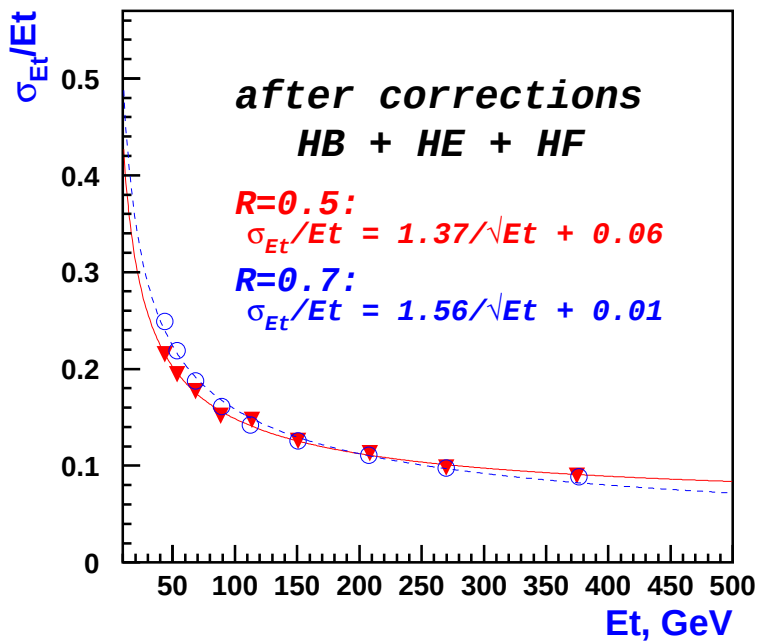


Generated Jet, R=0.7 -

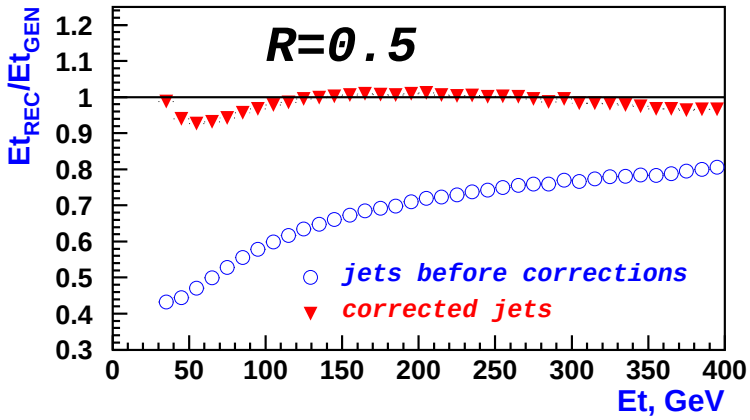
Reconstructed Jet, R=0.7

Corrections for Offline Jets

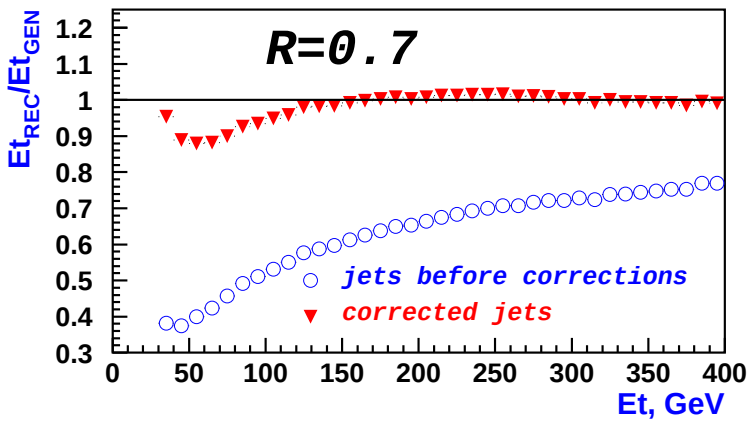




Corrections for L1 Jets

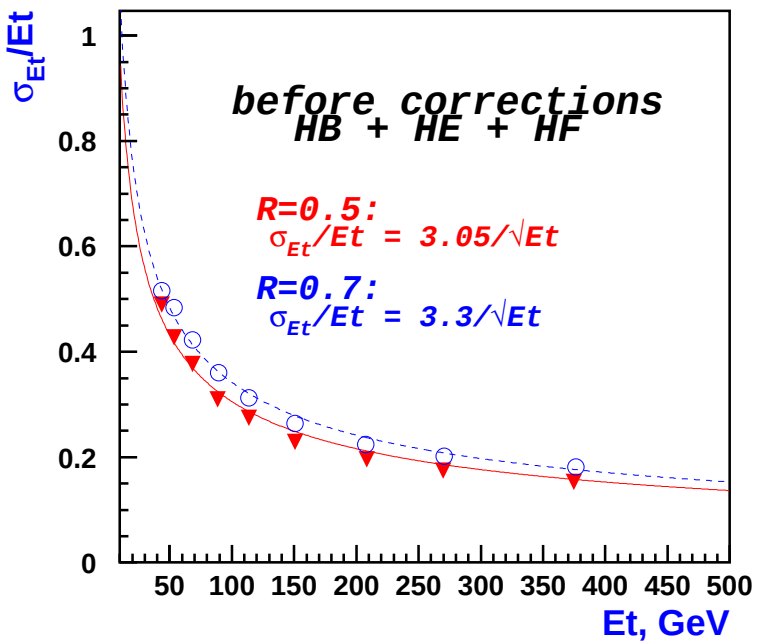


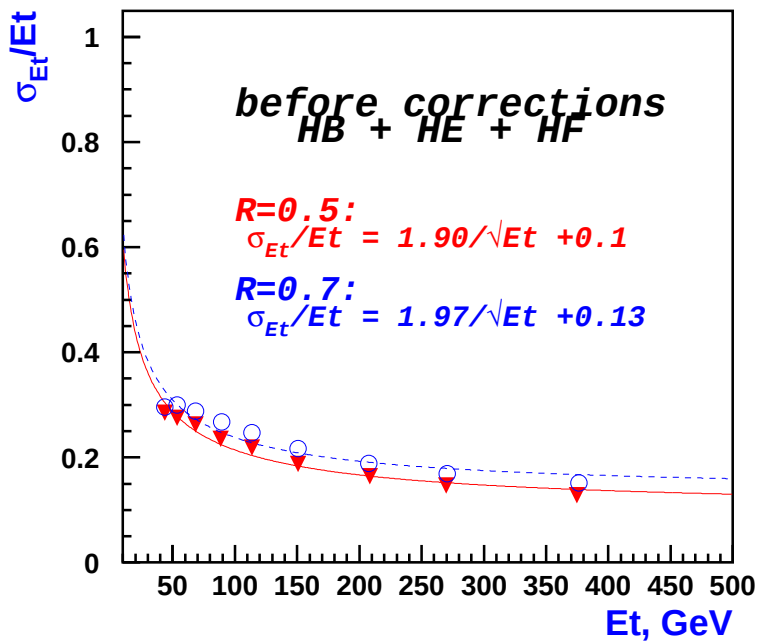
Generated Jet, R=0.5 - L1 Jet



Generated Jet, R=0.7 - L1 Jet

Corrections for L1 Jets





Summary:

Corrections were done for two values of jet's radus. (R=0.5, R=0.7) The next combinations of reconstructed and generated jets were considered:

- Reconstructed jet, R=0.7 - Generated jet, R=0.7
- Reconstructed jet, R=0.5 - Generated jet, R=0.5
- L1 Jet - Generated Jet, R=0.5
- L1 Jet - Generated Jet, R=0.7