



Hadron plug calo. tuning: update

- Integration of latest changes: MIP problem fixed
- Tuning follow-up: adjustment of E dependence
- Status



Gflash: latest changes



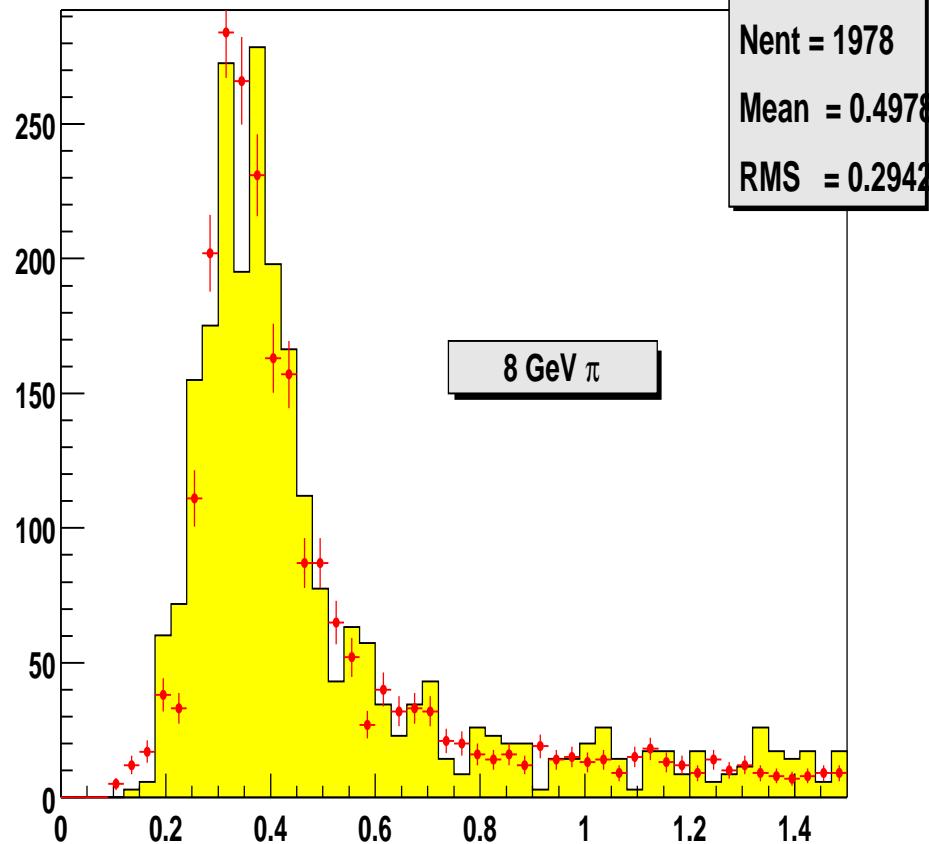
- MIP problem **fixed** in Gflash v. **development** (Soon J.'s patch)
 - ☞ **Reminder:**
 - variable initialization problem
(nested in the GEANT-Gflash interface)
 - bad implementation of MIP peak smearing
 - **Photostatistics** for **plug calos** has been added (Erick B.)



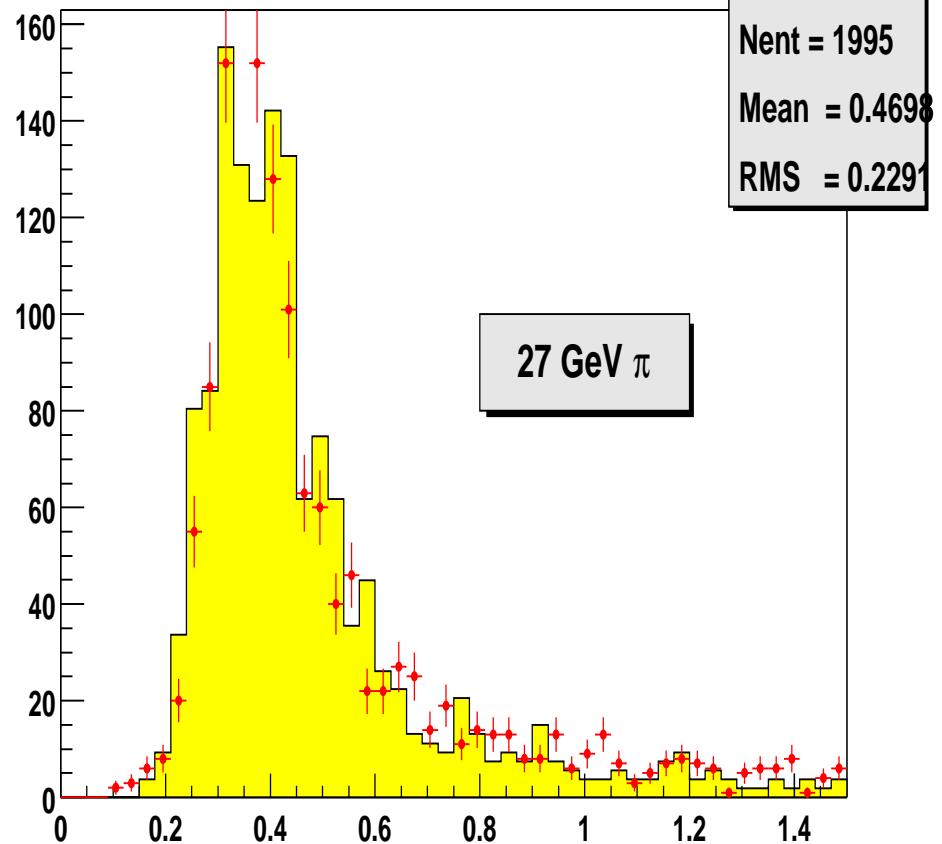
MIP peak (plug)



pem_mip

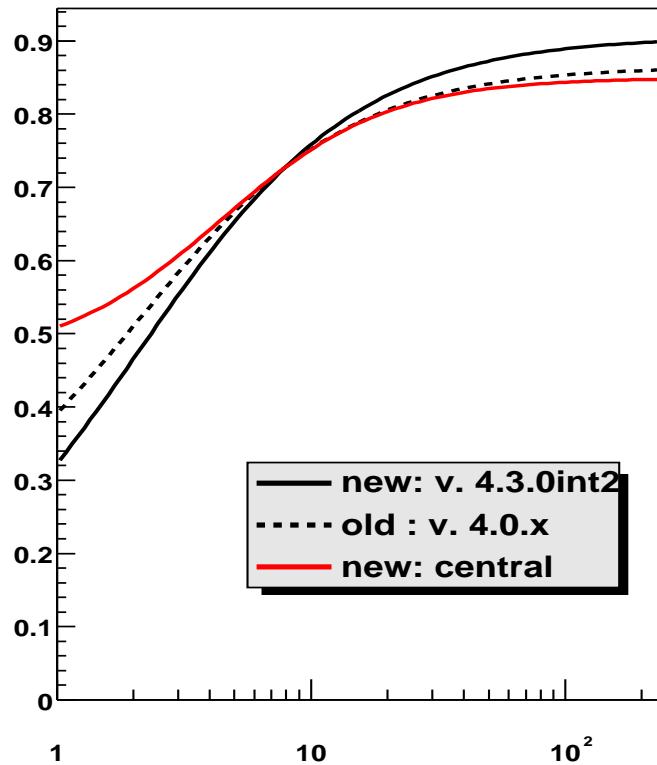


pem_mip

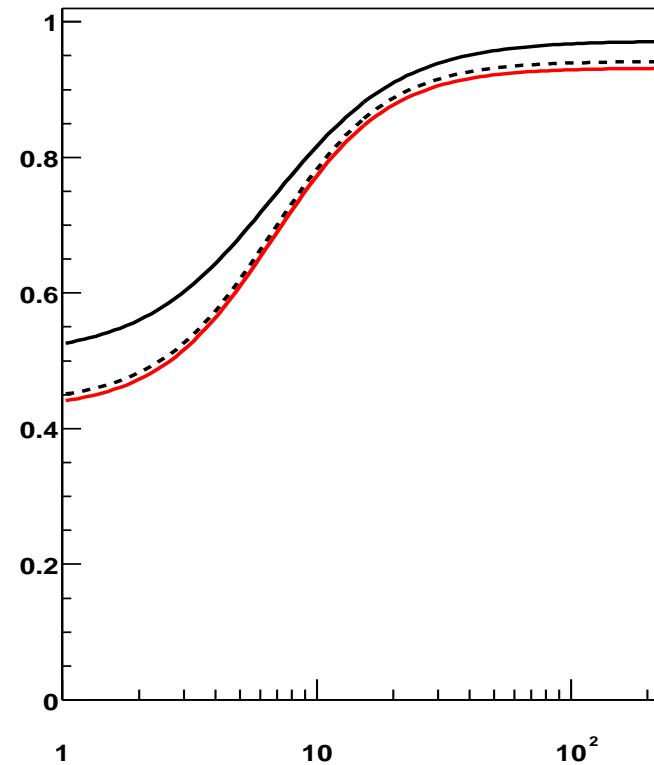


E dependence

Fraction of deposited E (FDEP)

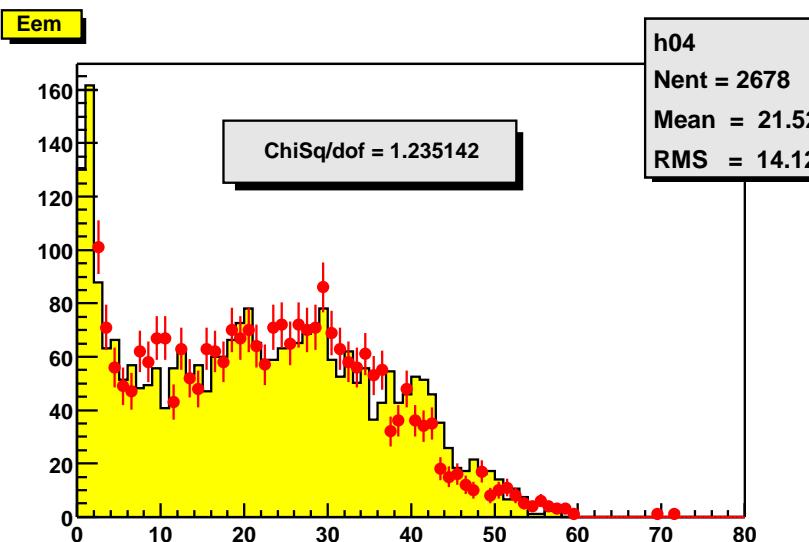
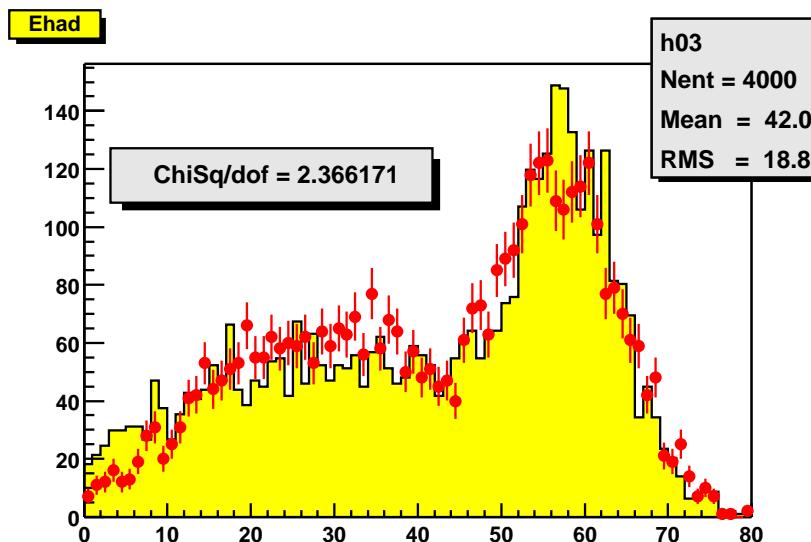
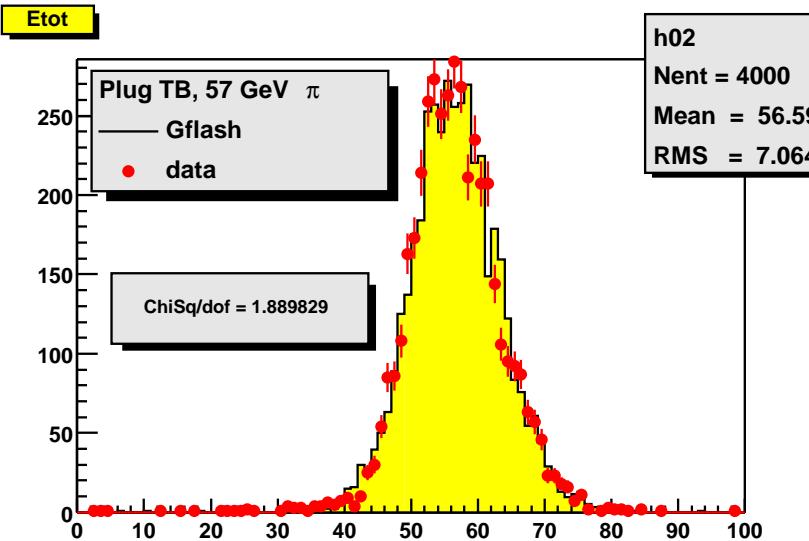
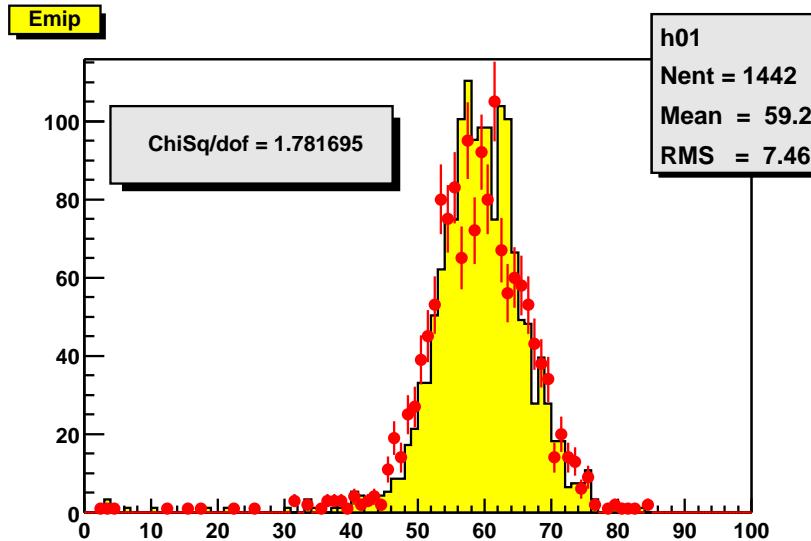


Pi0 fraction of deposited E (CPI0)



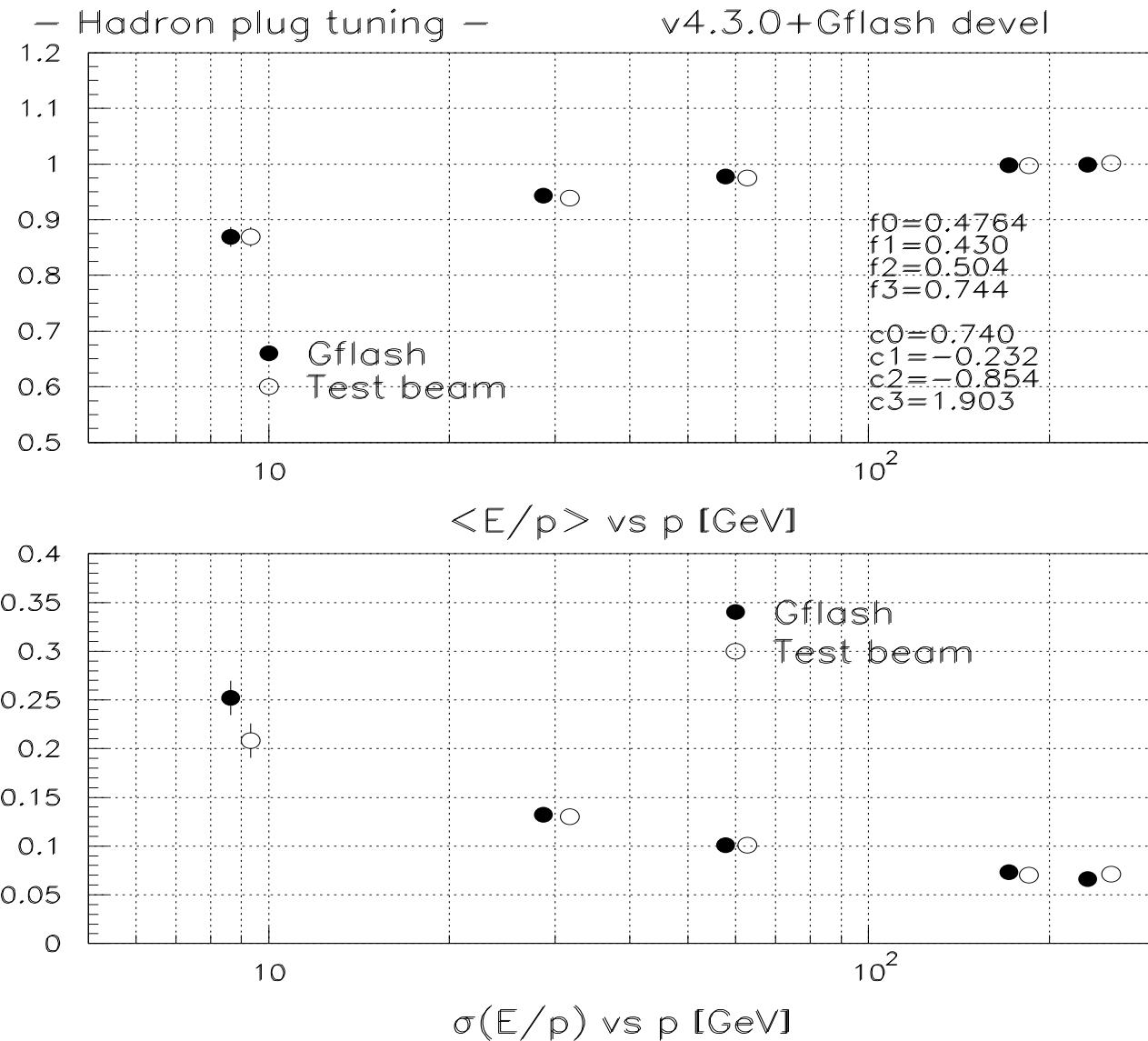
- ☞ Hardcoded **switch** in `gfinha()` to select independent E parameterization for **central** or plug calorimeter

Standard 4 plots ...





Status 8-227 GeV





What next ?



- CDF note in preparation:
 - ☛ central + plug tuning using TB data: **medium-high E**
- Plug tuning at **low E** using min.-bias events