

Attivita' Trigger/Fisica

Riunione ATLAS Genova 03/04/08

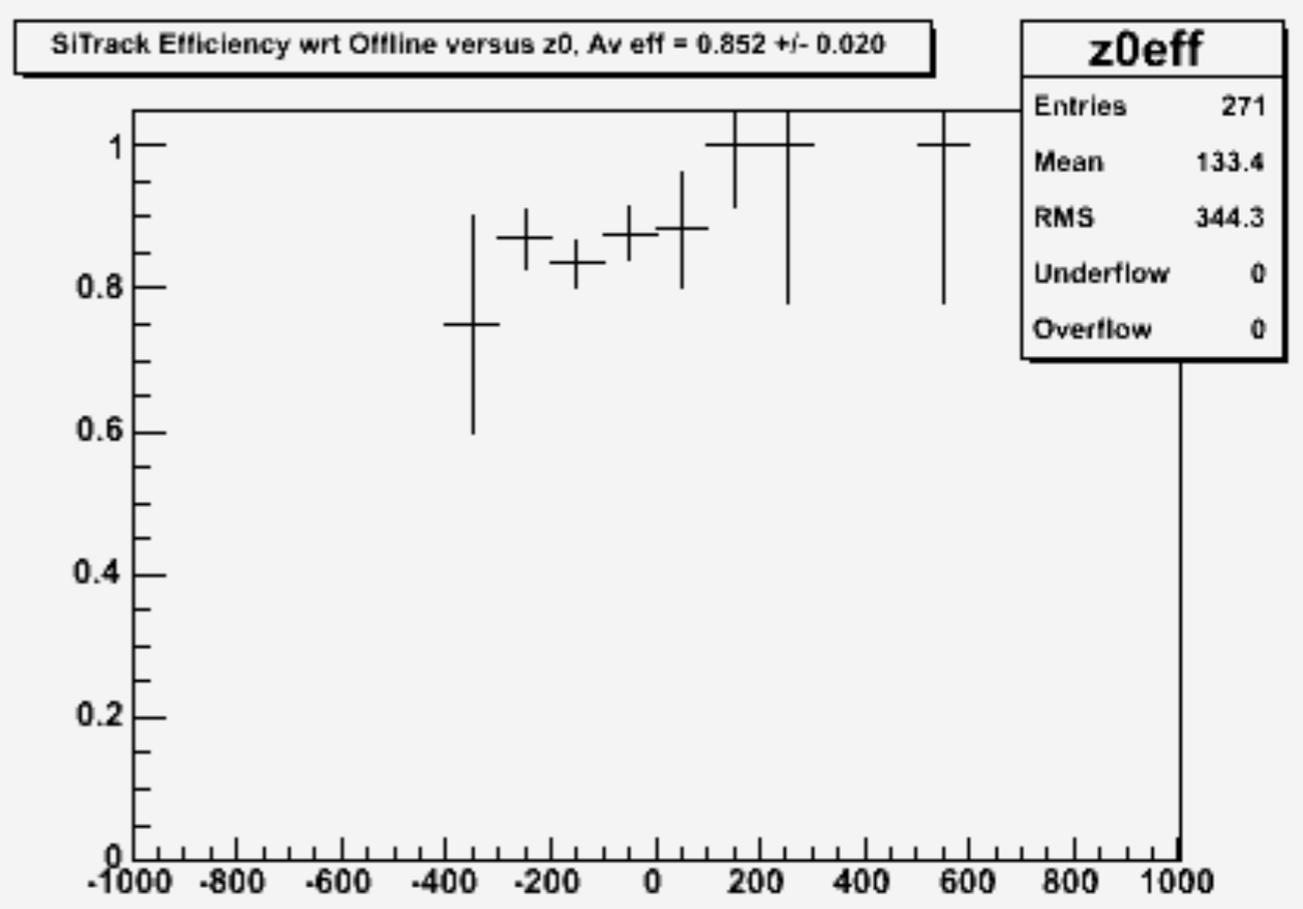
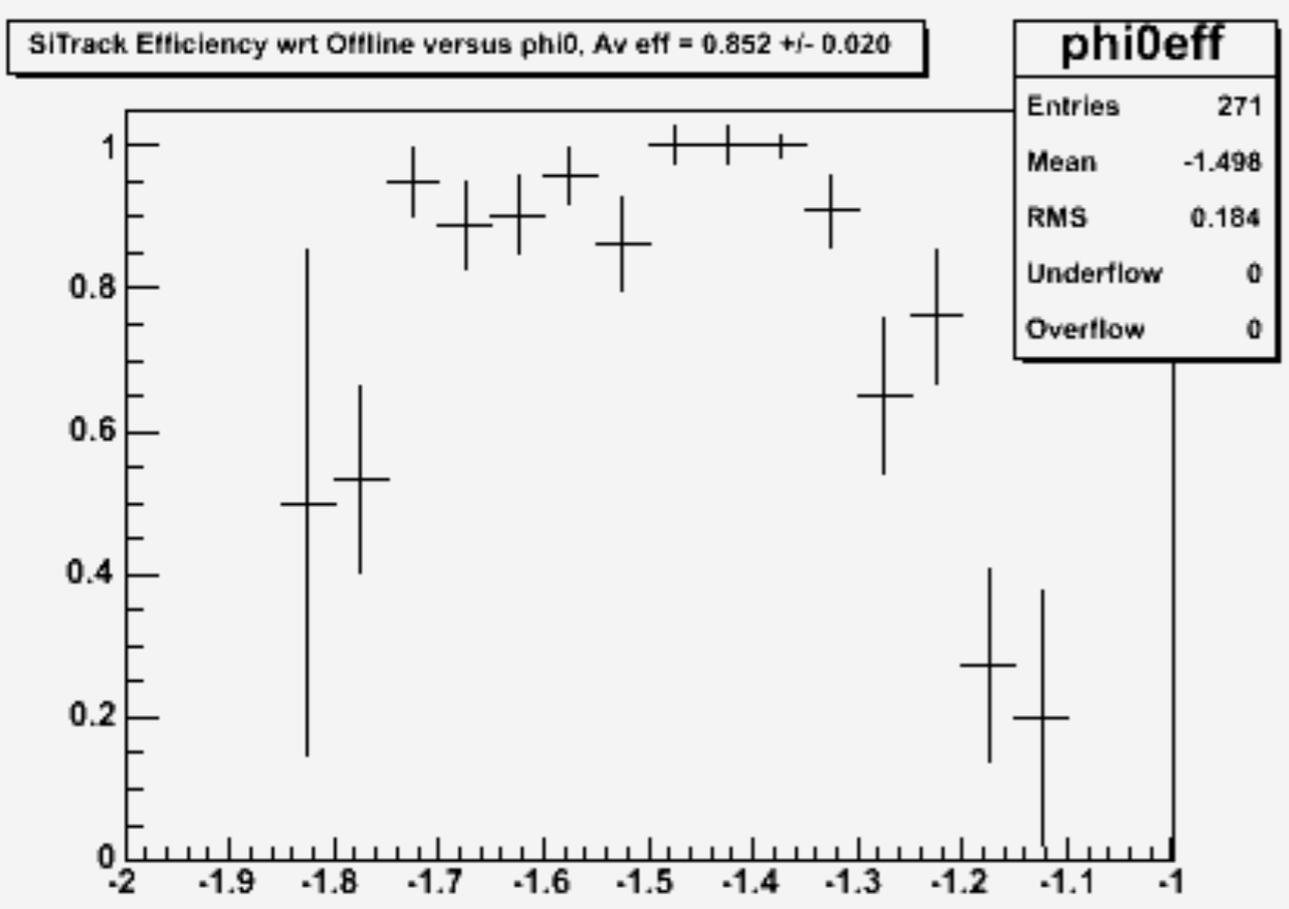


Novita'

- CSC note: capitolo chiuso
- CSC-EG10, CSC-BT05, contributo a CSC sui dijet
- Trigger mu+jet (selezione muon-jets e soft-lepton tagging)
 - implementazione/configurazione pronte, incluse nella release 14.1.0
 - performance da studiare/ottimizzare per la release 14.2.0
- Definizione trigger menu per b-jet a diverse luminosita'
- Aggiornamento su SiTrack sui dati M6
 - performance soddisfacenti, ottimizzazione in corso
 - <https://twiki.cern.ch/twiki/bin/view/Main/M6HltTrackingStudies>



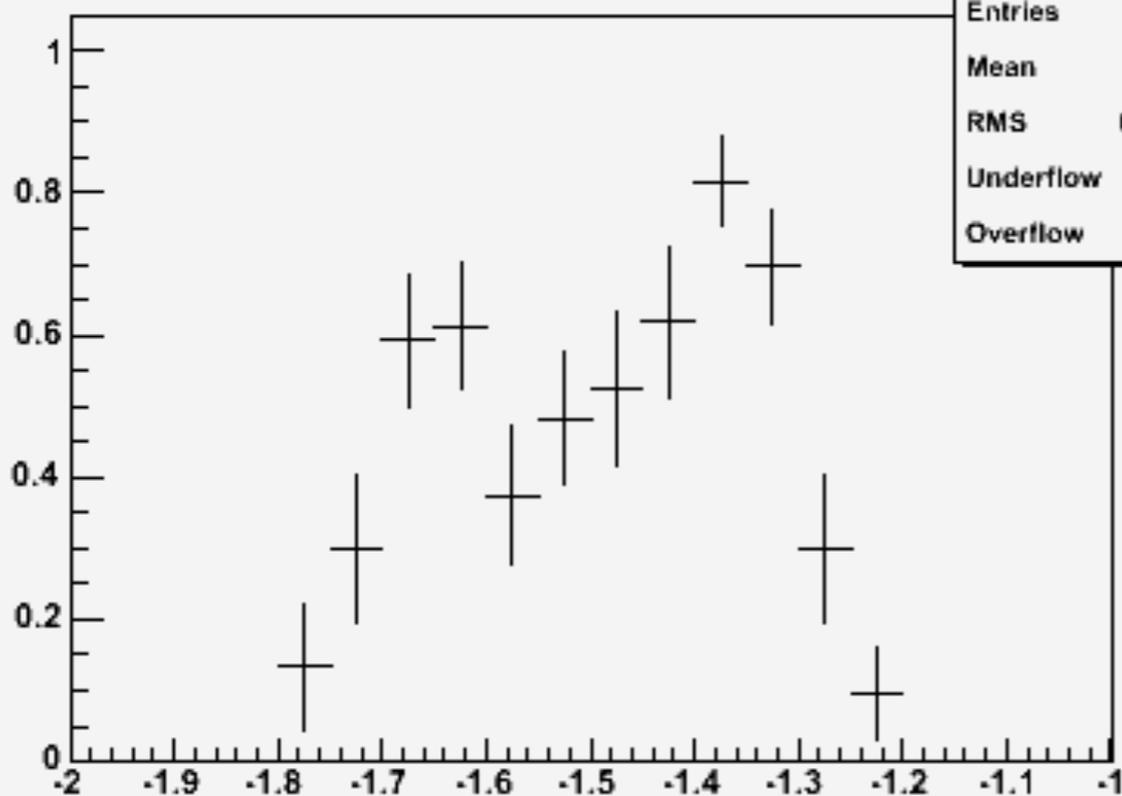
Cosmic Slice using SiTrack at M6





Cosmic Slice using IDScan at M6

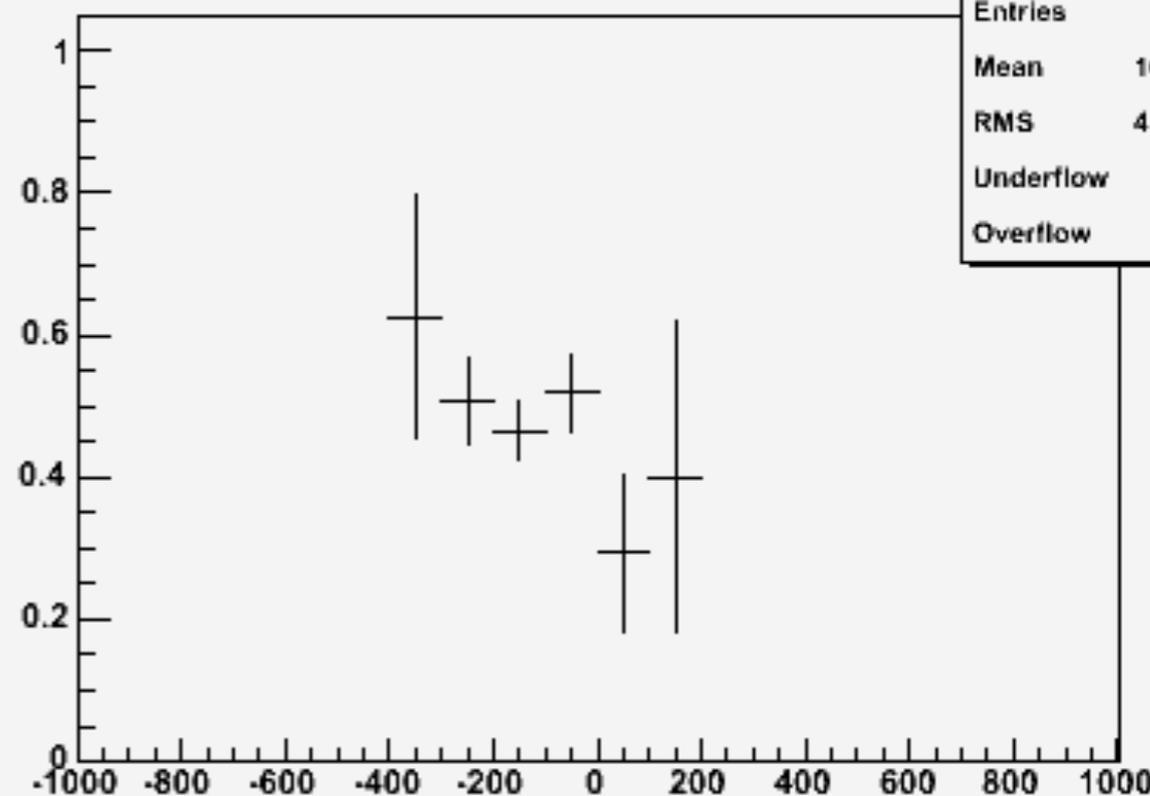
IDSCAN Efficiency wrt Offline versus ϕ_0 , Av eff = 0.478 +/- 0.028



phi0eff

Entries	152
Mean	-1.491
RMS	0.1441
Underflow	0
Overflow	0

IDSCAN Efficiency wrt Offline versus z_0 , Av eff = 0.478 +/- 0.028



z0eff

Entries	152
Mean	100.6
RMS	414.2
Underflow	0
Overflow	0