GENEVA MEETING 25/01/2006

Sonia Natale

- •Efficiency studies
- •Hit Resolution studies
- •Momentum studies
- Vertex studies

Layer Efficiency and Hit Resolution

Data Sample

(files with last code version)

	Run	Energy	Trigger	Magnet	Converter	S/N cut	# Events
	1210	5 GeV	BC1C2	OFF	OFF	4	20000
The state of the s	1461	7 GeV	BC1C2	ON	OFF	4	19000
	1470	5 GeV	BC1C2	ON	ON	4	19000

Momentum Resolution

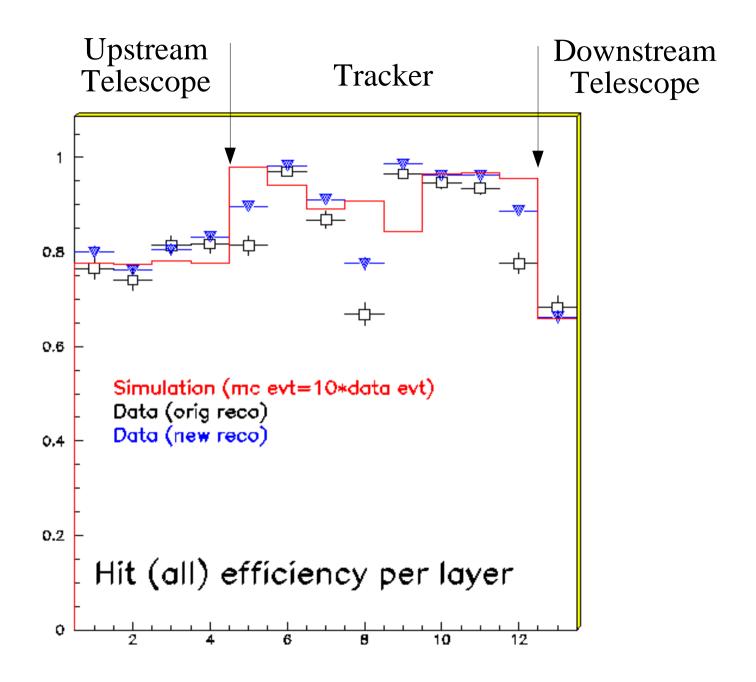
Photon Energy and Angular Resolution

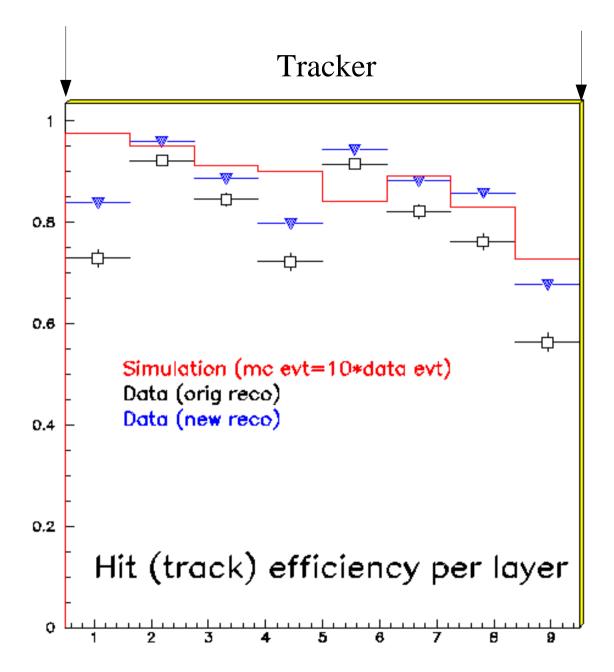
Montecarlo Sample

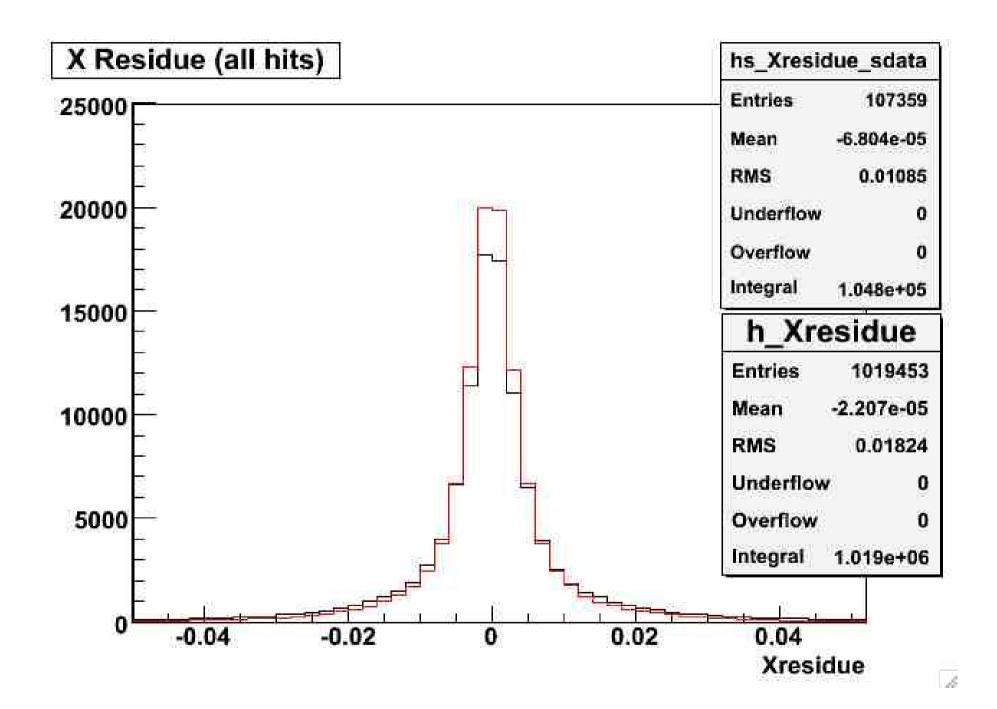
(files with last code version *)

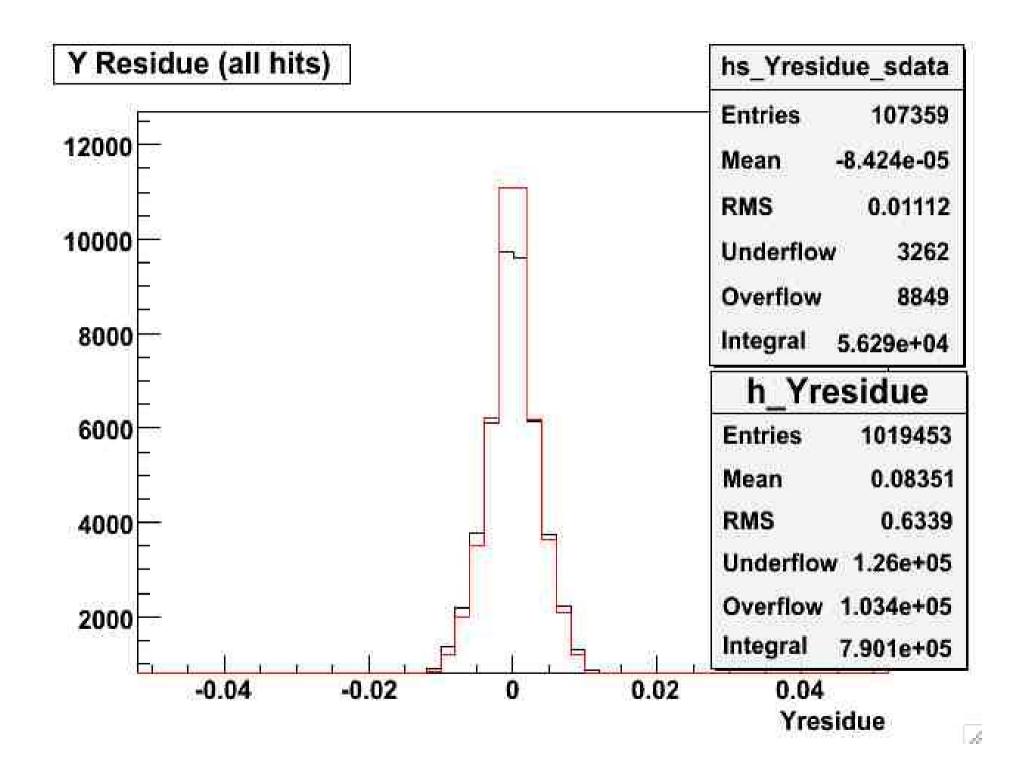
Energy	Trigger	Magnet	Converter	# Events
5 GeV	BC1C2	OFF	OFF	200000
7 GeV	BC1C2	ON	OFF	20000
7 GeV	BC1C2	ON	ON	20000 *

Efficiency and X, Y Residue



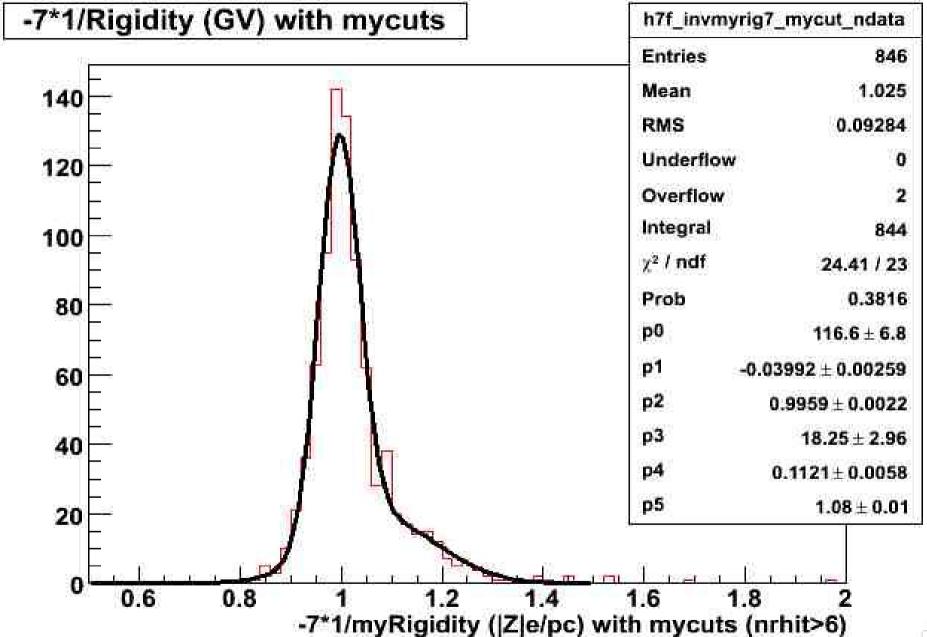




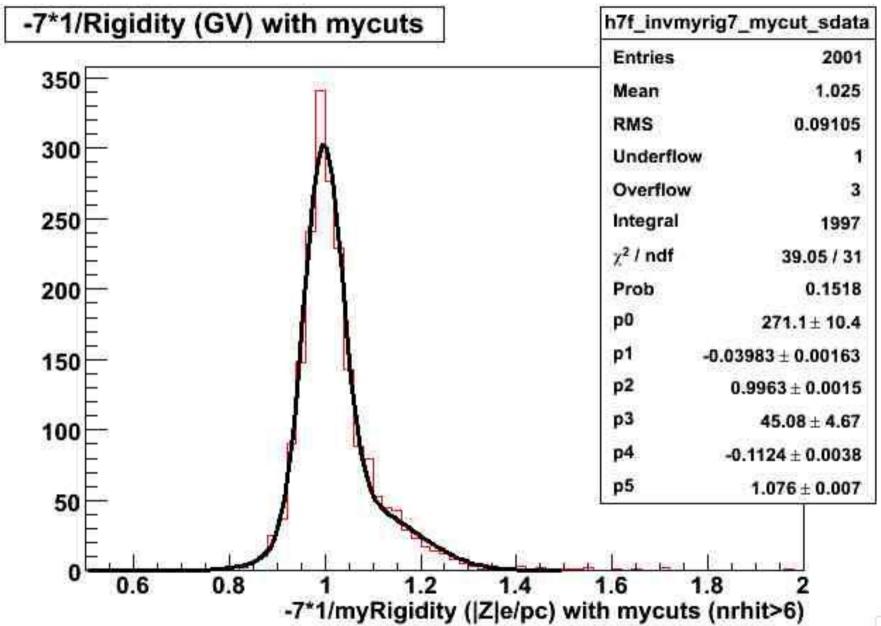


Momentum Resolution

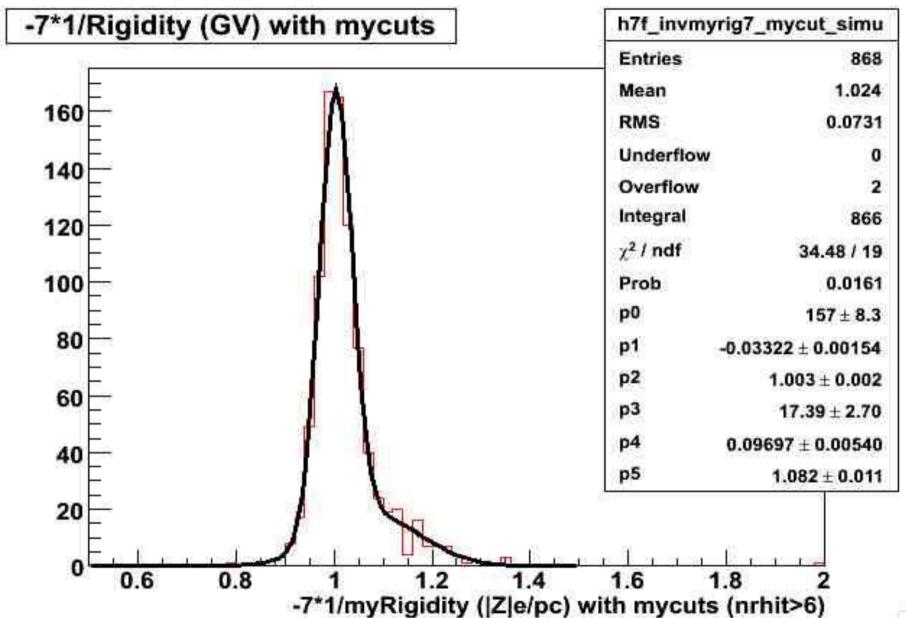
Old Reco



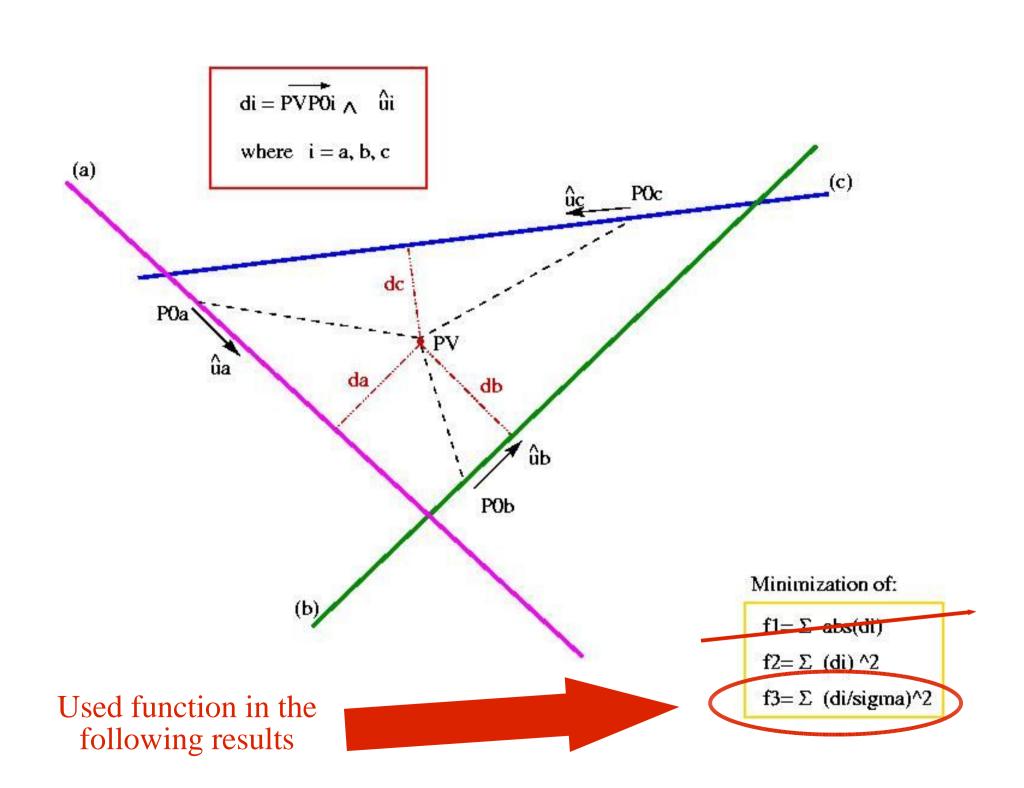
New Reco

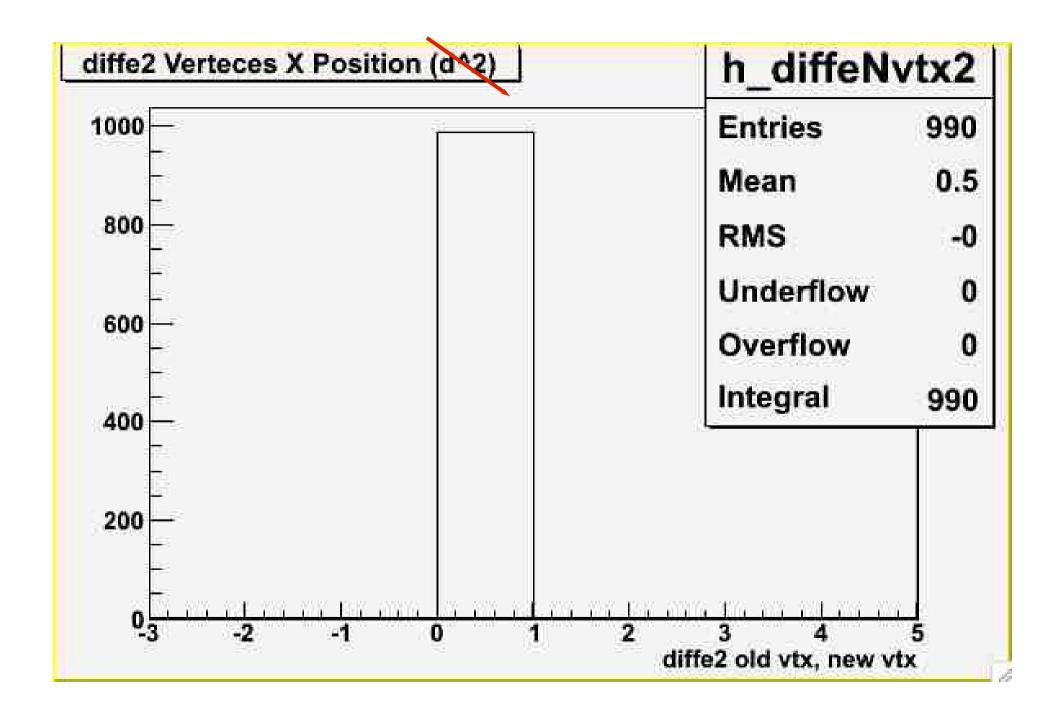


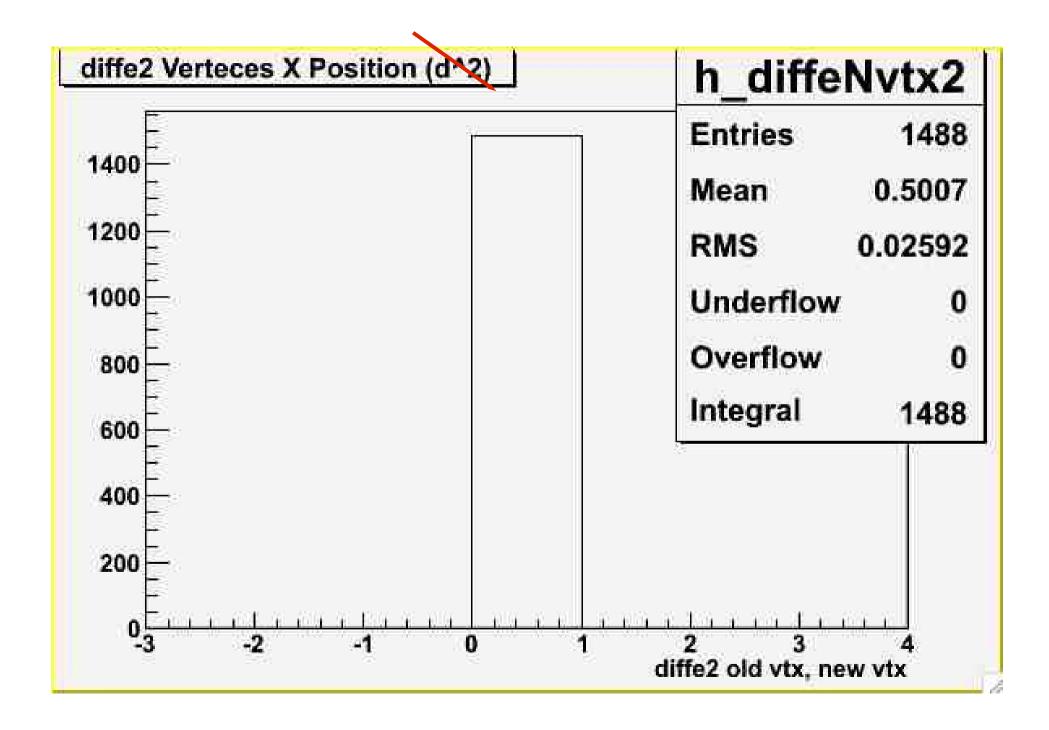
Simulation (new reco)

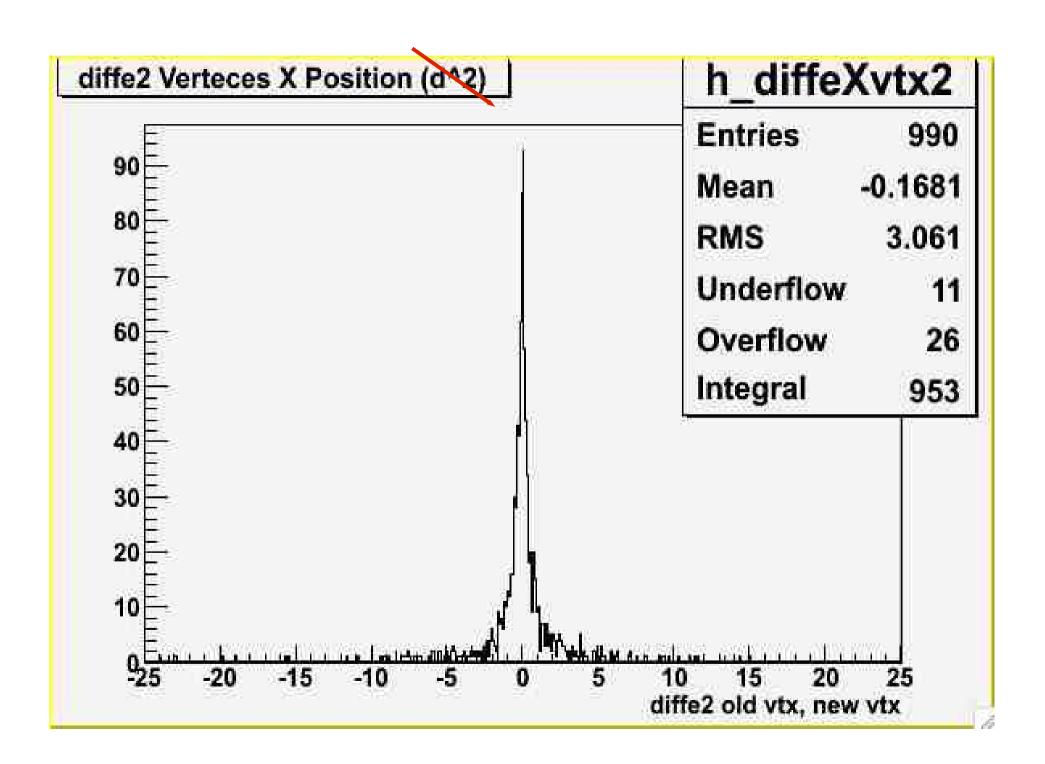


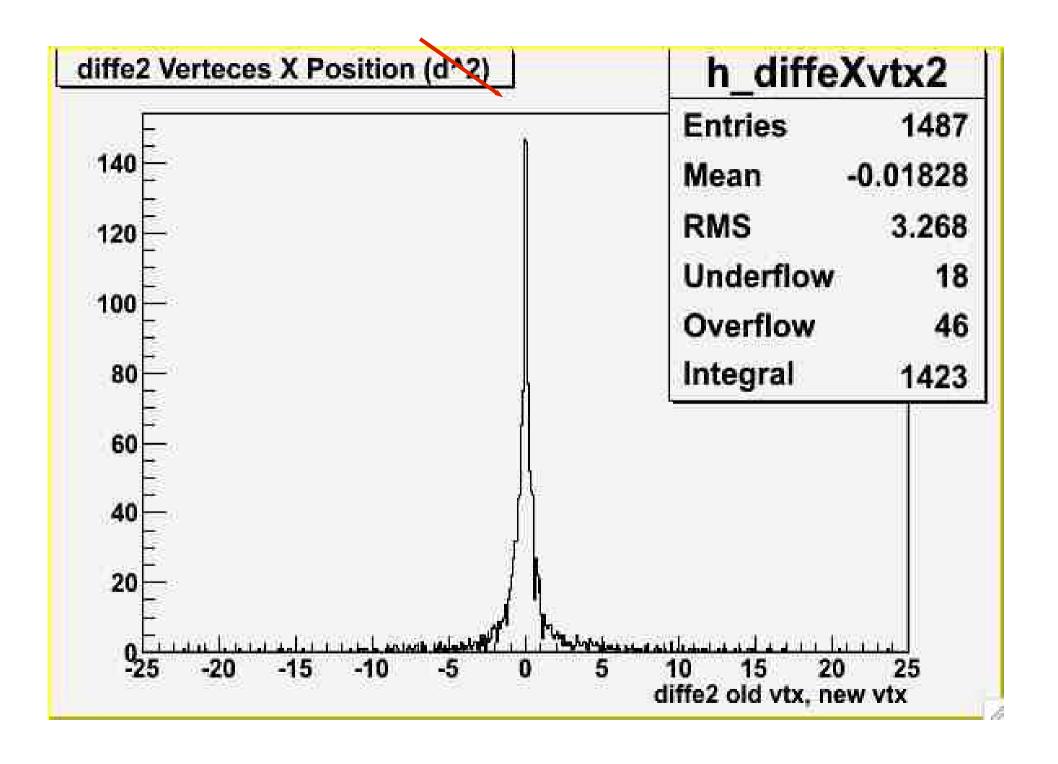
New Vertex Algorithm

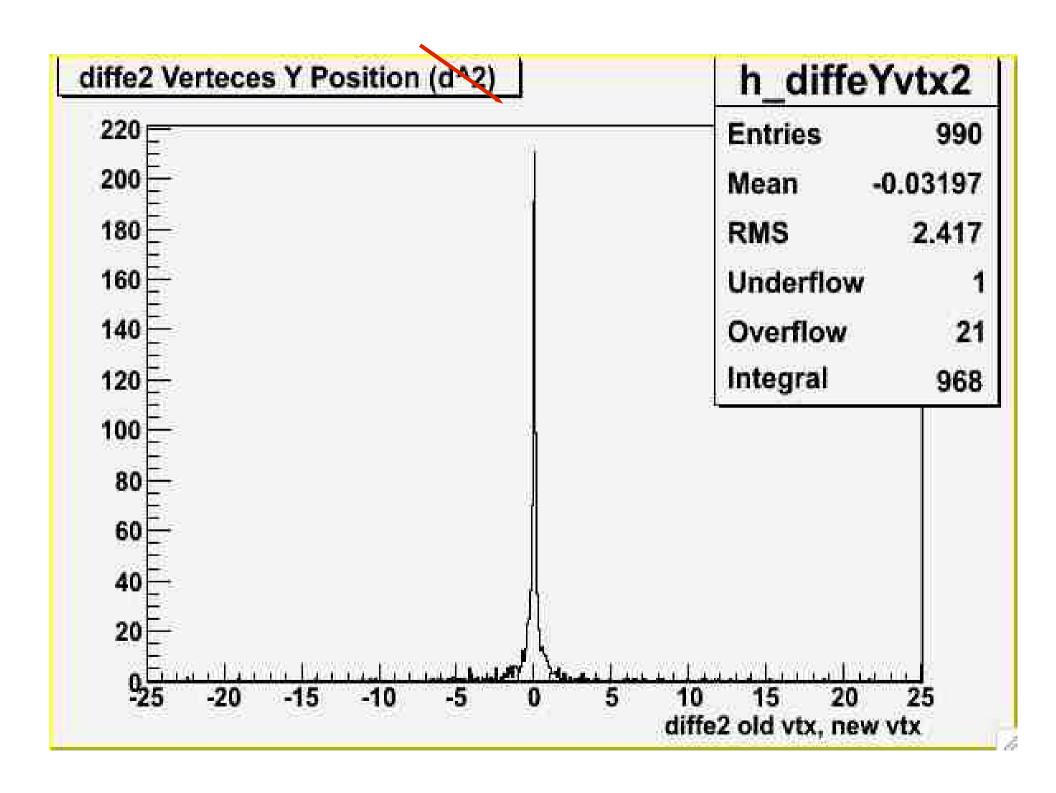


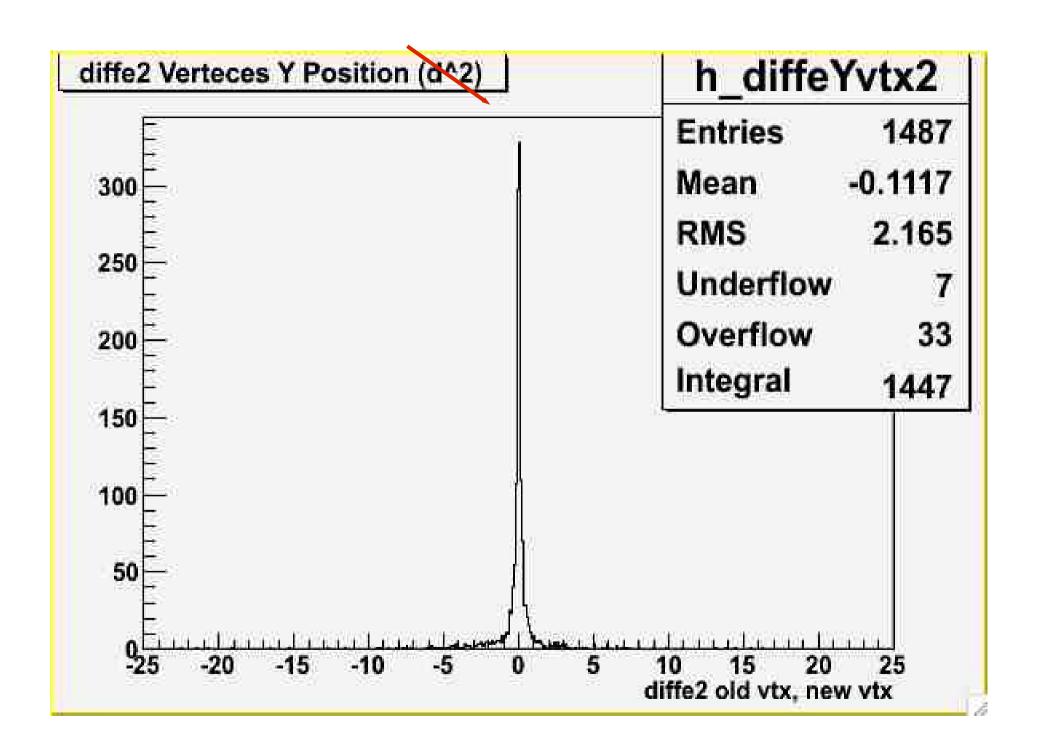


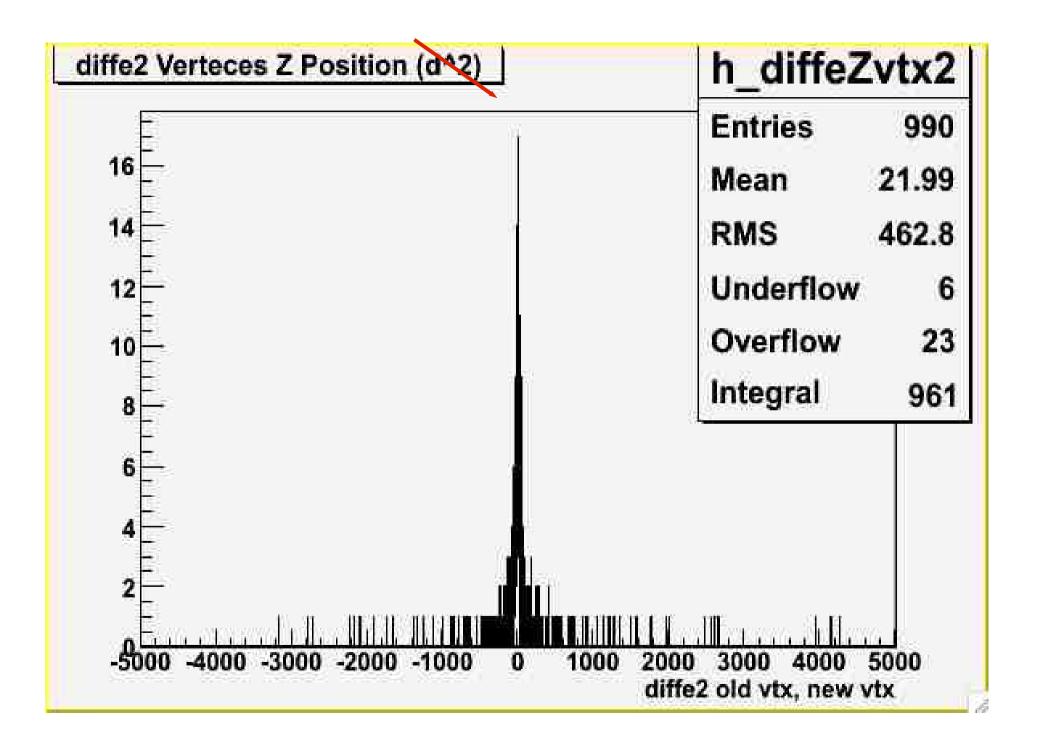


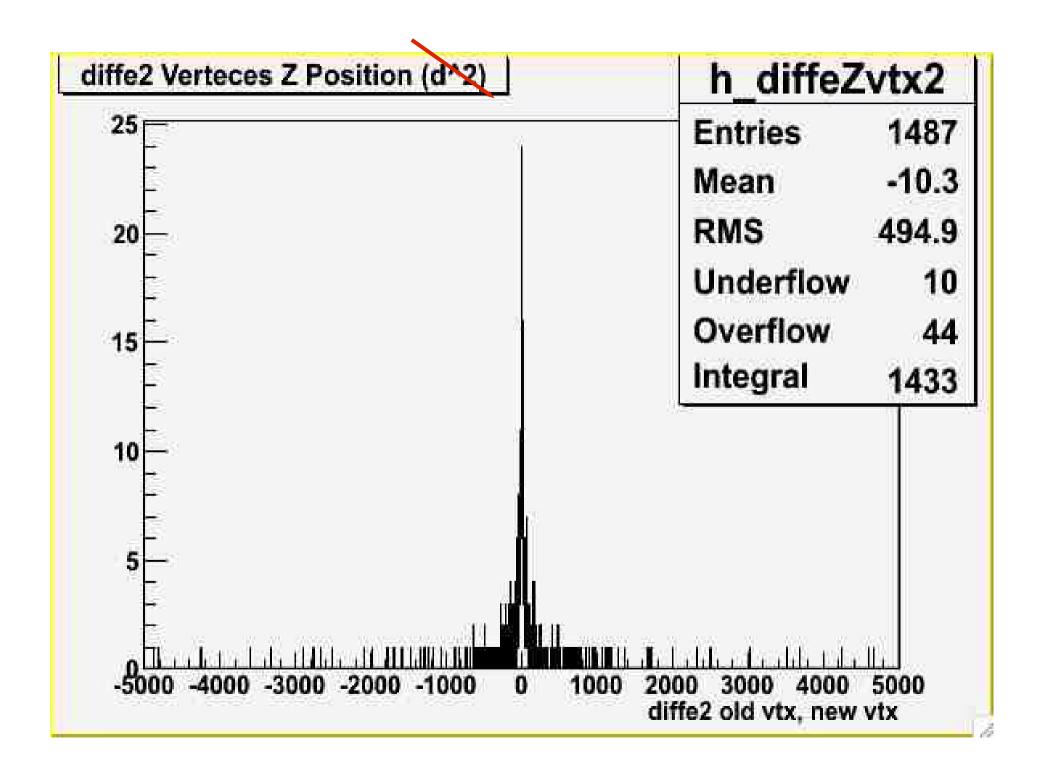






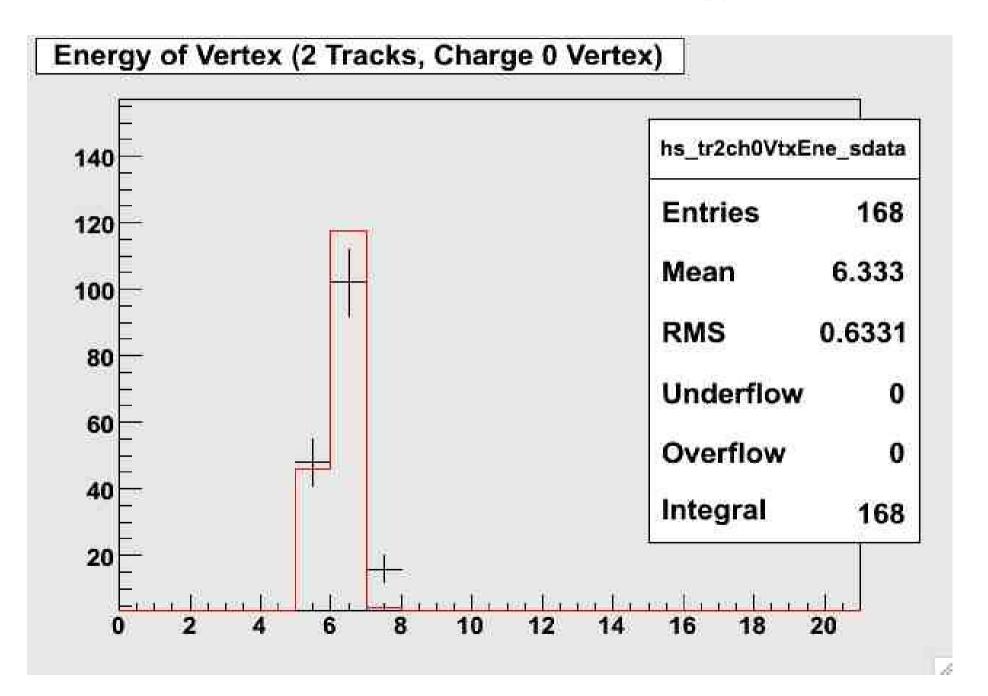




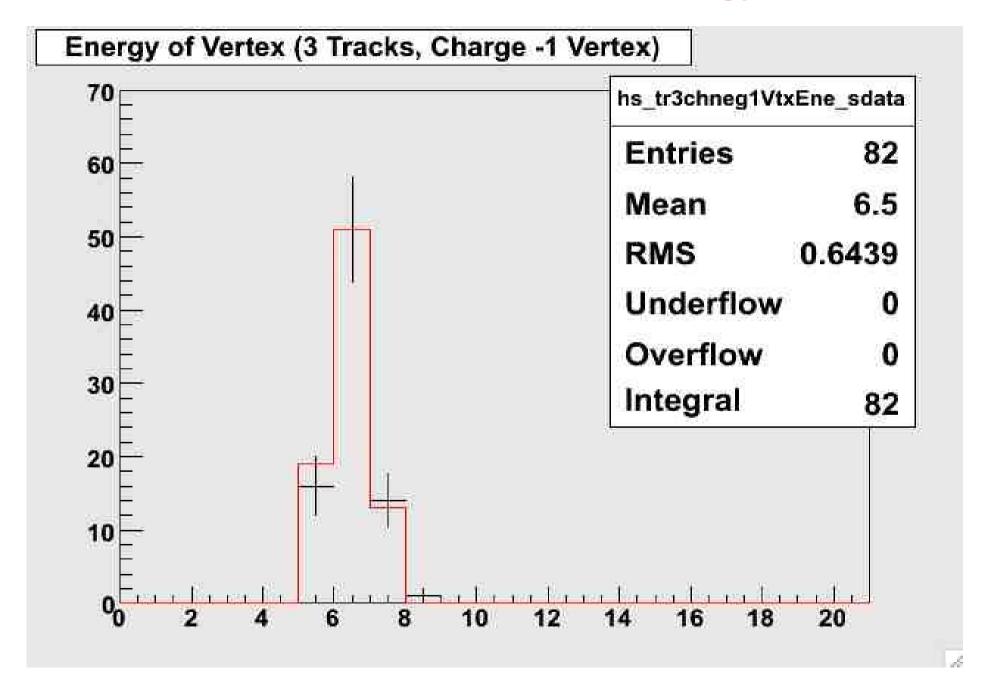


Vertex distributions

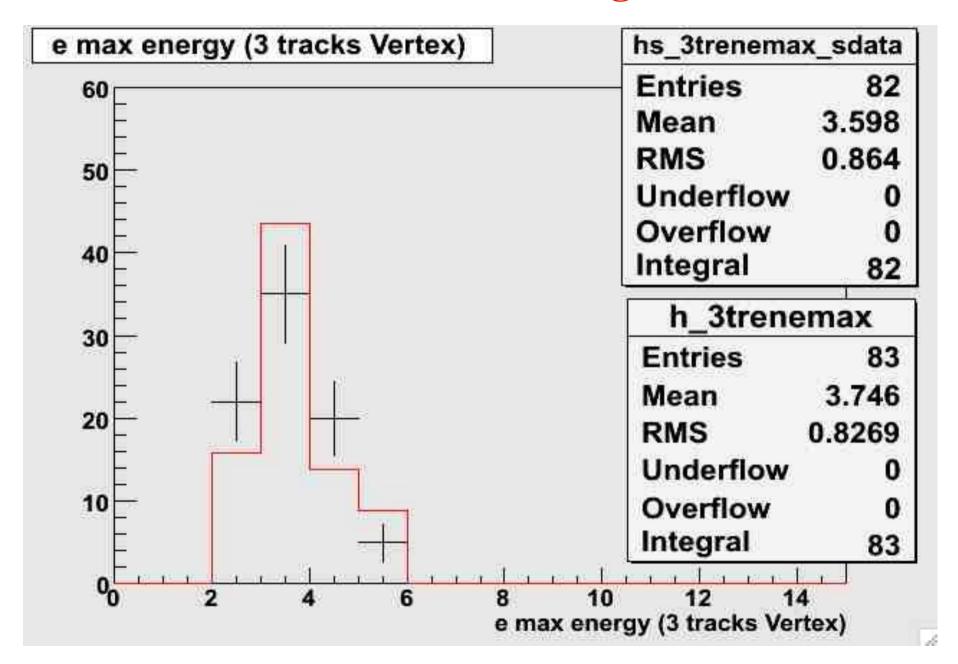
2 tracks & Ch=0 Vtx Energy



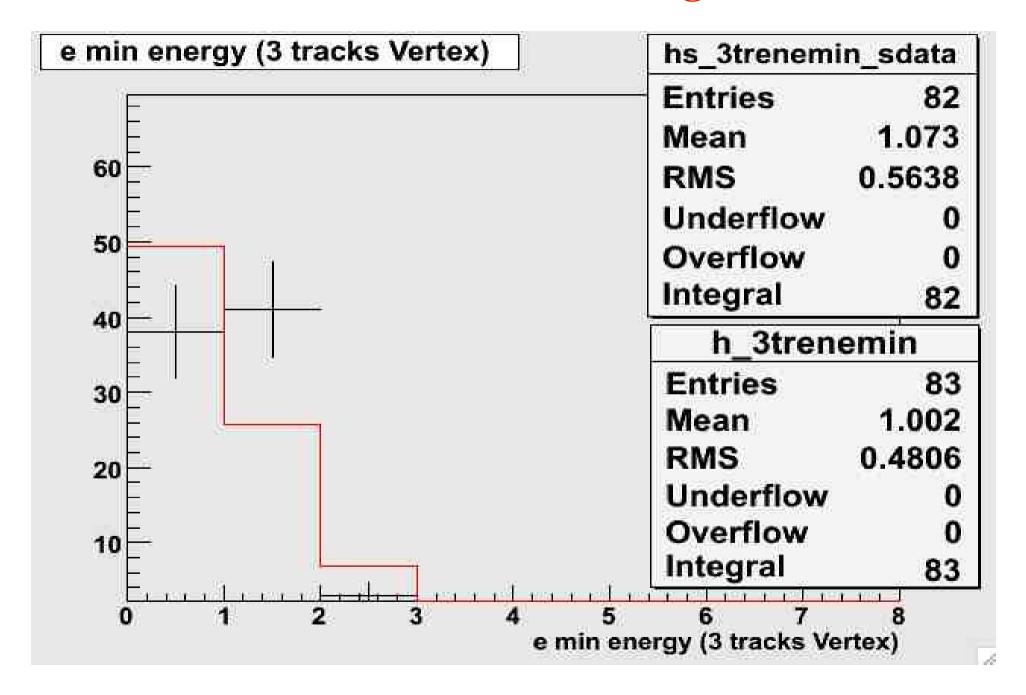
3 tracks & Ch=-1 Vtx Energy



3 tracks & Ch=-1 Vtx most energetic electron



3 tracks & Ch=-1 Vtx most energetic electron



3 tracks & Ch=-1 Vtx excl particle /most energetic elec

