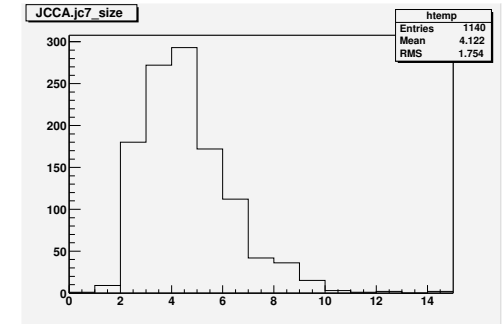
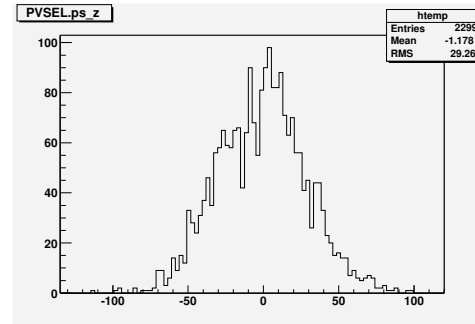
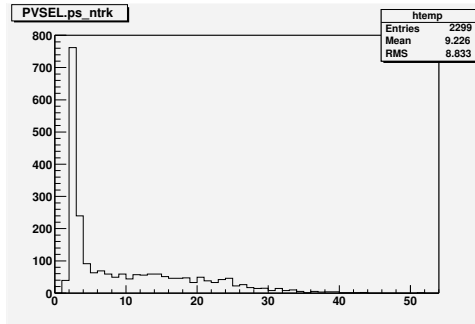
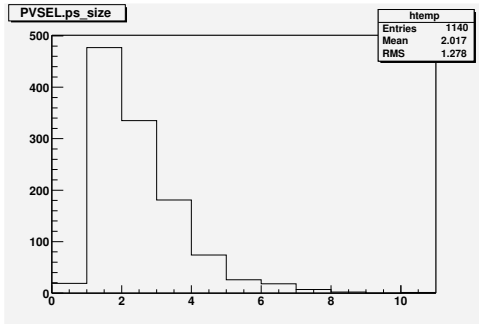


p13 versus p14

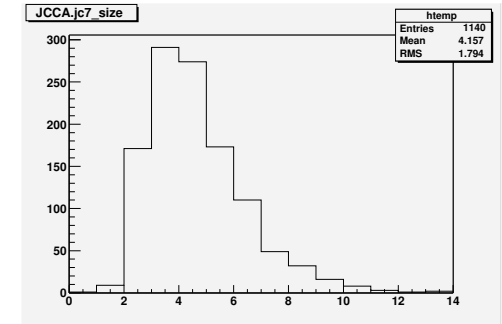
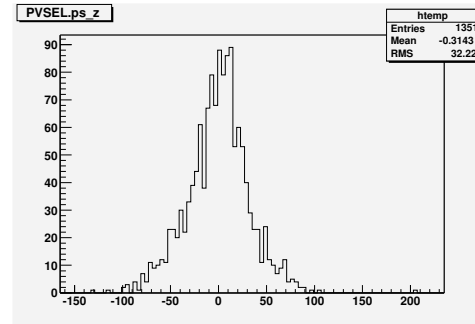
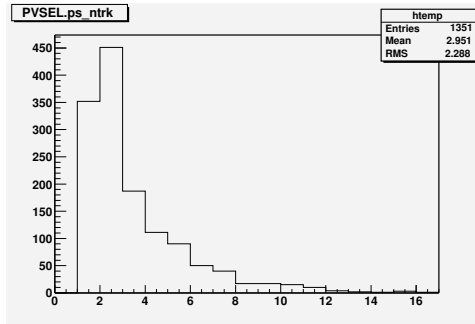
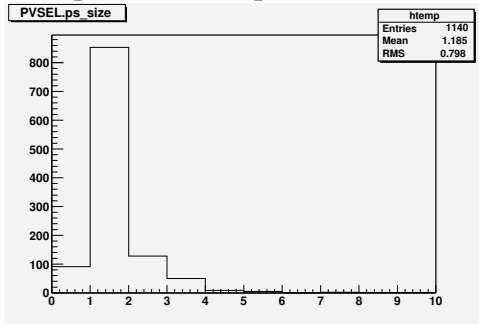
- ▶ 1140 events reconstructed with p13.06.01
- ▶ events reprocessed with:
 - ▶ p13.06.01 (consistency check)
 - ▶ p14.01.00

Comparison with p13.06.01 reconstructed

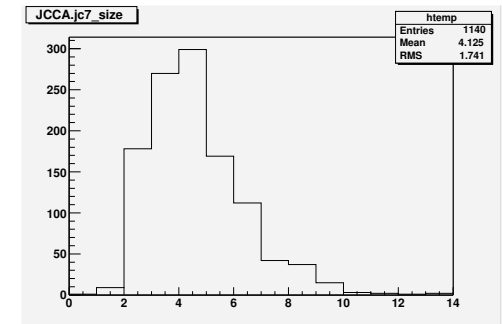
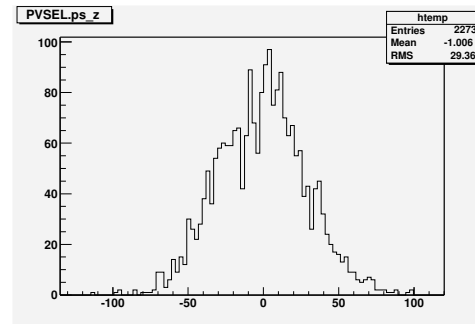
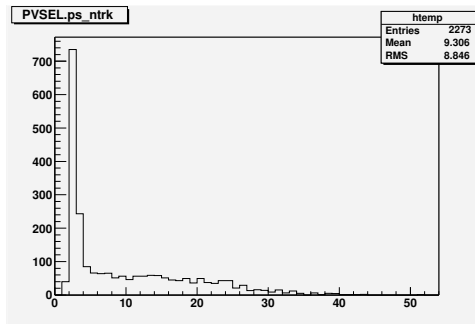
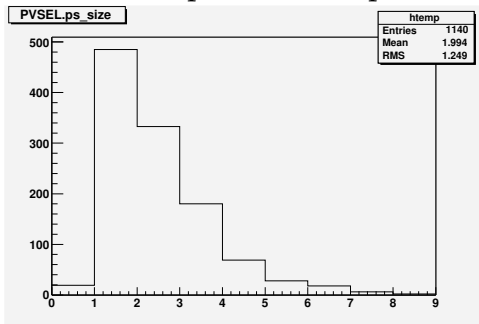
dst - p13.06.00



repr - dst - p13.06.01



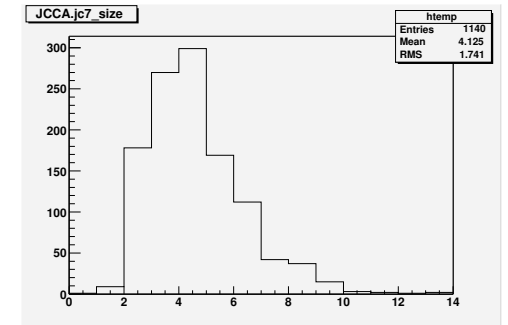
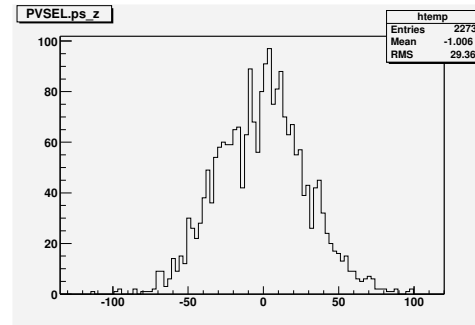
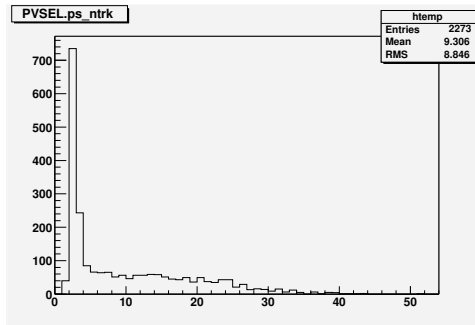
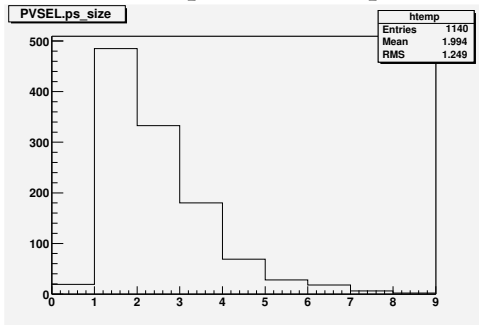
new - repr - dst - p13.06.01



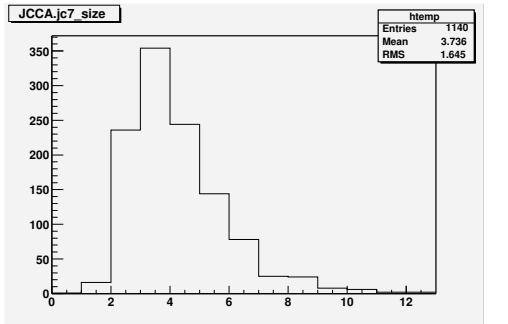
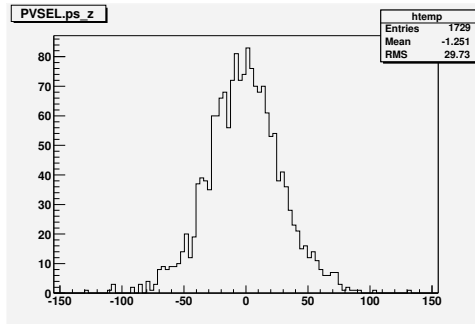
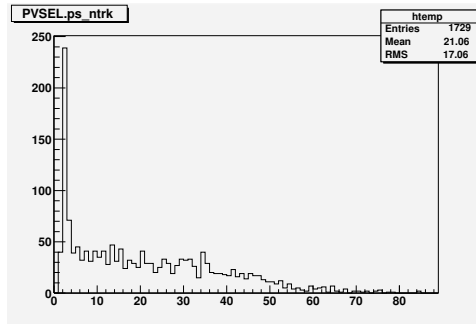
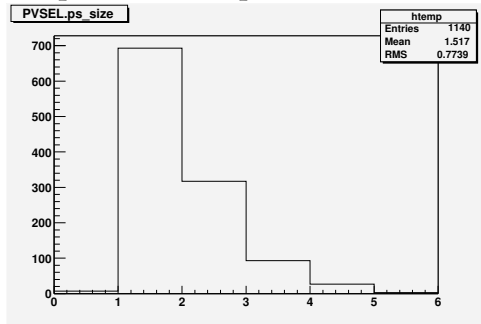
Problem due to CftClusterChunk dropped in p13. After bug fixed (fixed in p14), same shape.

Plots from the root-tuple

new - repr - dst - p13.06.01



repr - dst - p14.01.00



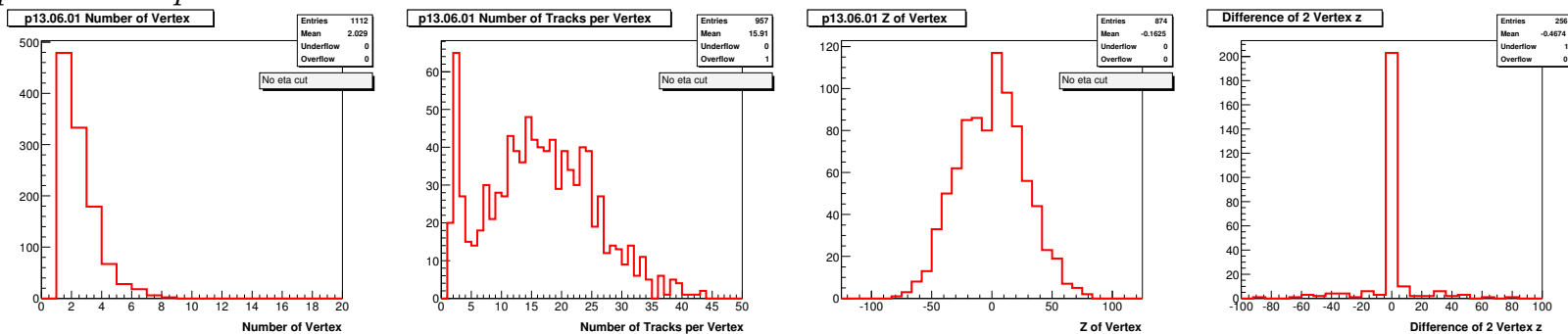
Mean number of tracks: 9 for p13, 21 for p14.

Less vertexes, more tracks fitted to vertex.

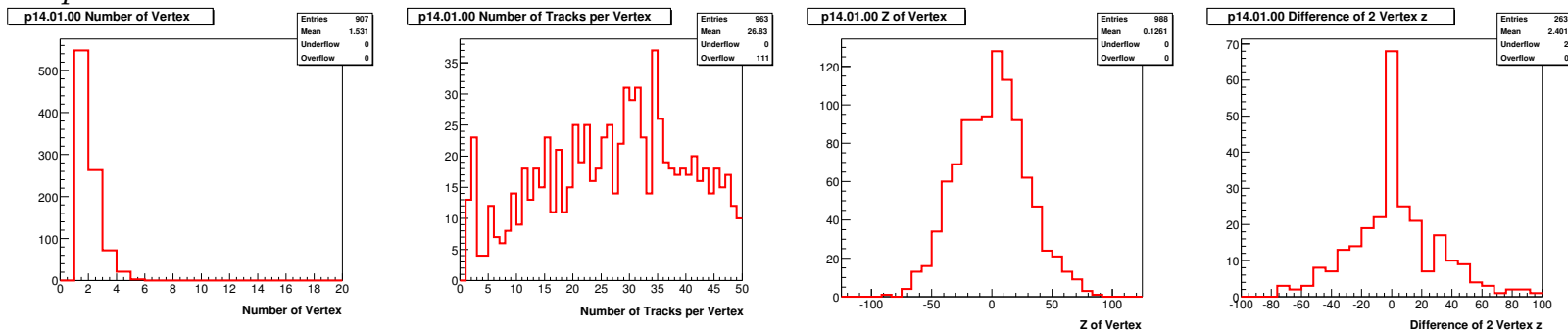
Primary vertex

After all selections, less the one plotted

new - repr - dst - p13.06.01



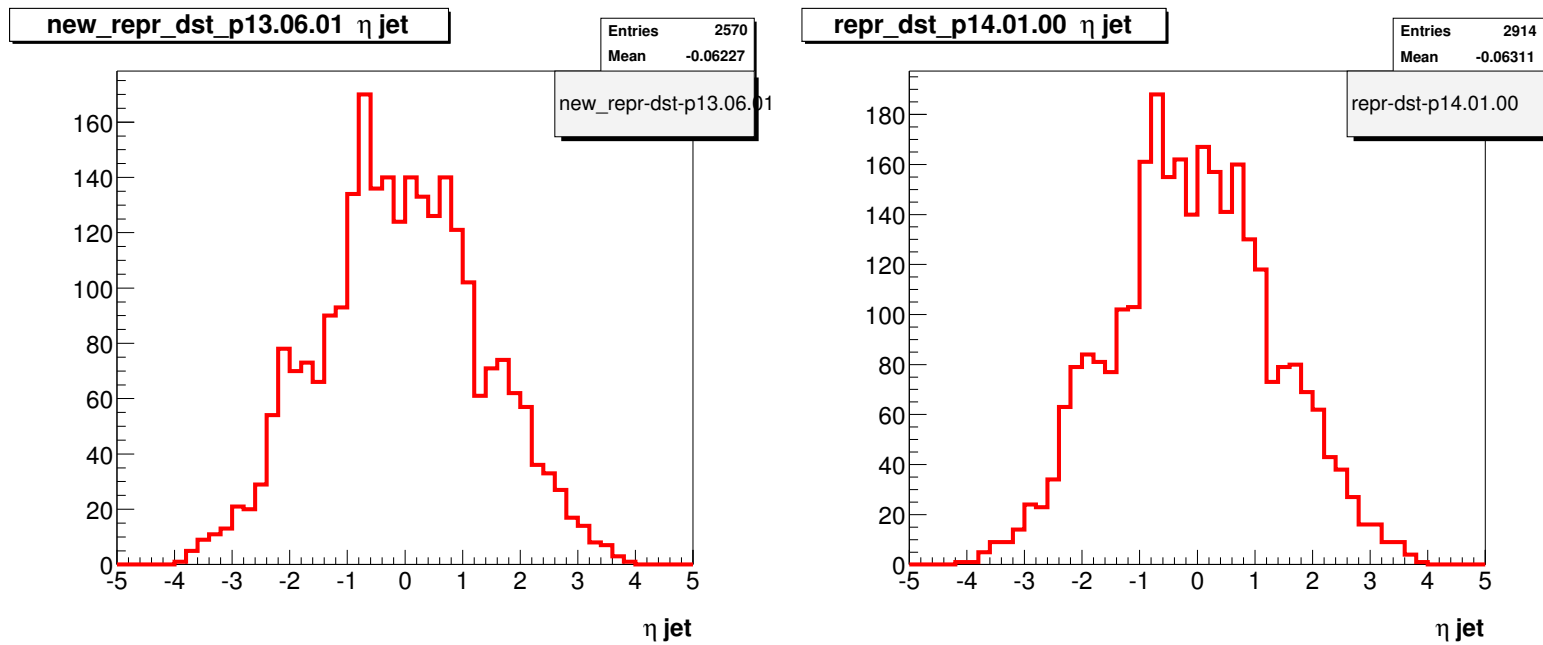
repr - dst - p14.01.00



More tracks fitted to vertex

More events with 2 distinct vertexes (to be studied in detail)

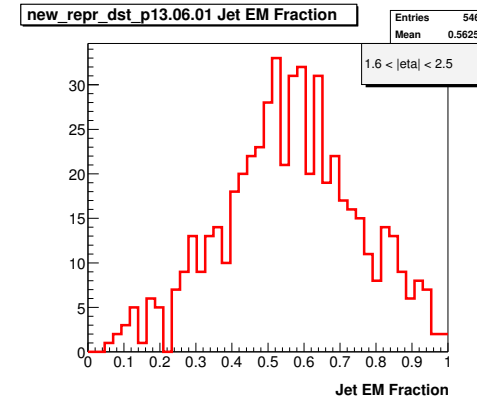
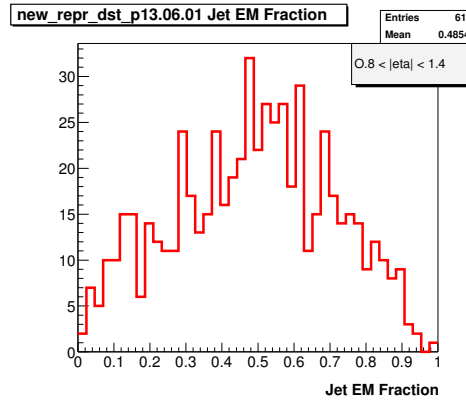
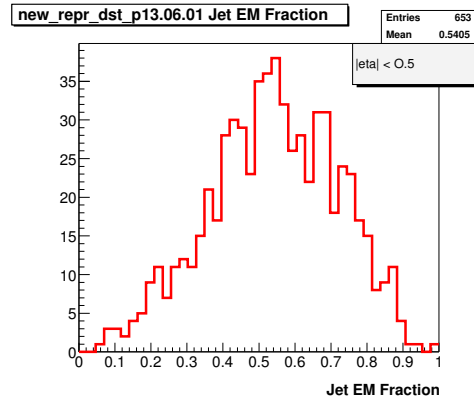
Jet η distribution



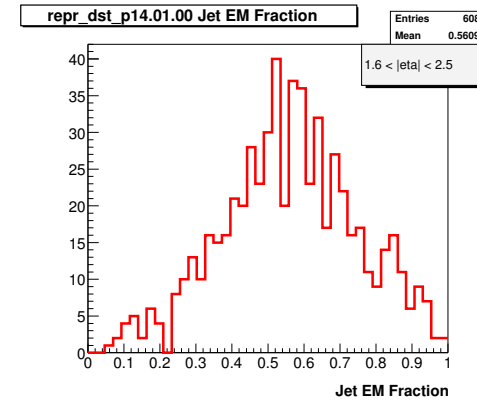
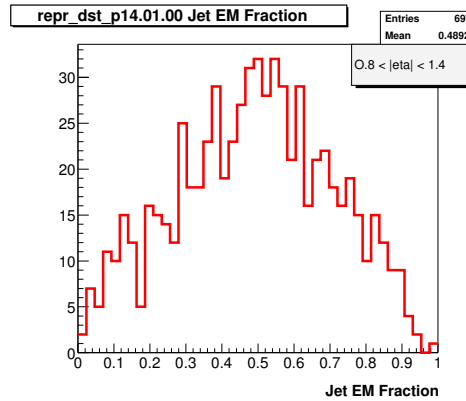
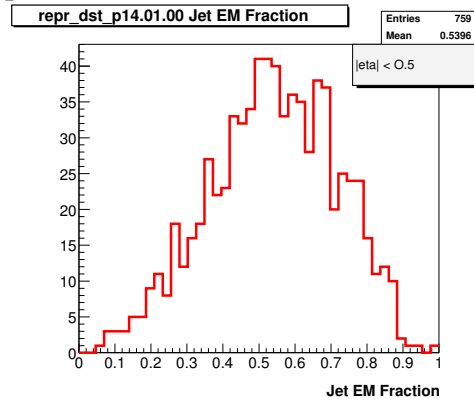
Similar distribution

EMF

new - repr - dst - p13.06.01



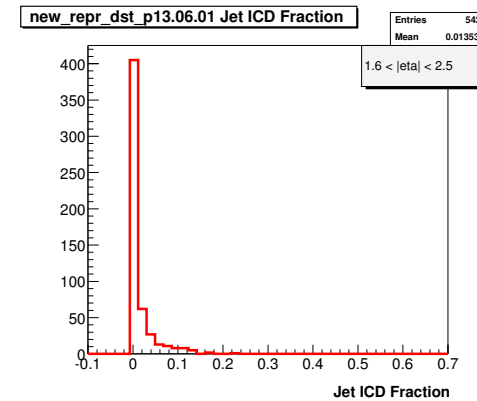
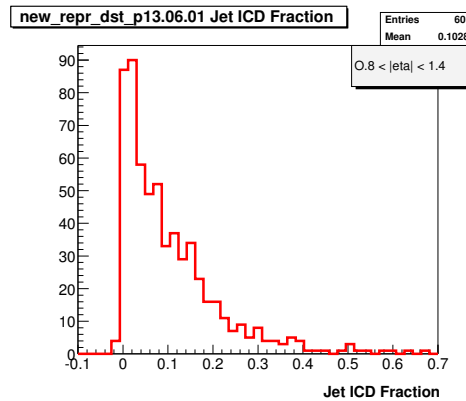
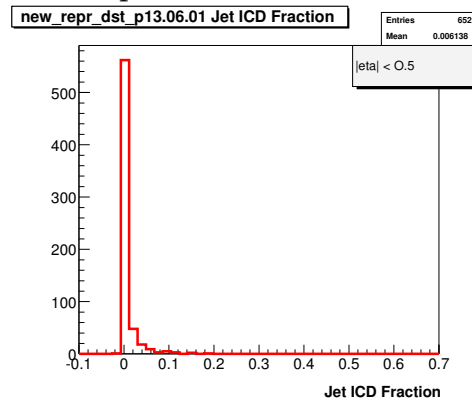
repr - dst - p14.01.00



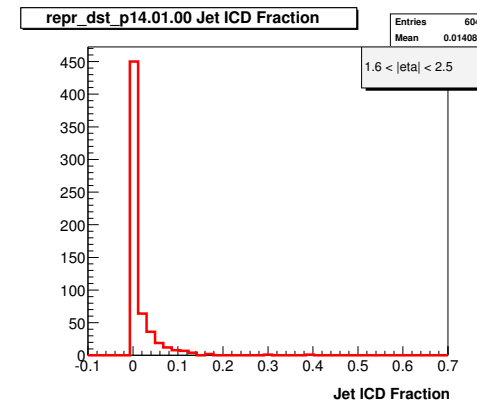
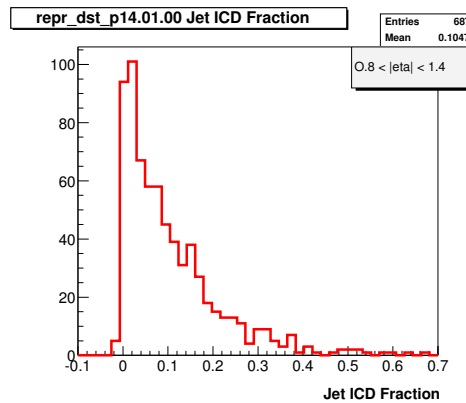
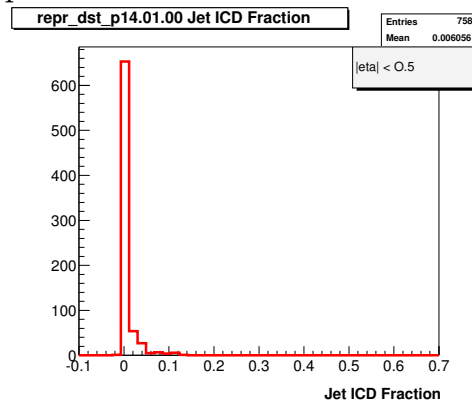
Similar distribution

ICDF

new - repr - dst - p13.06.01



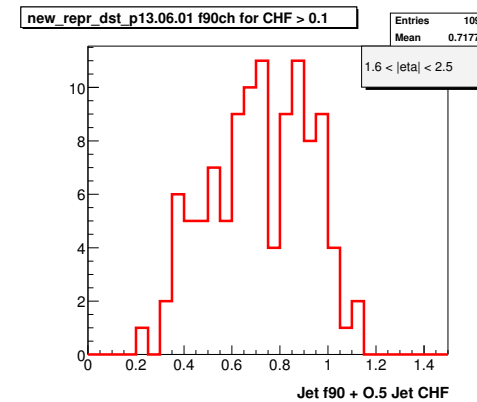
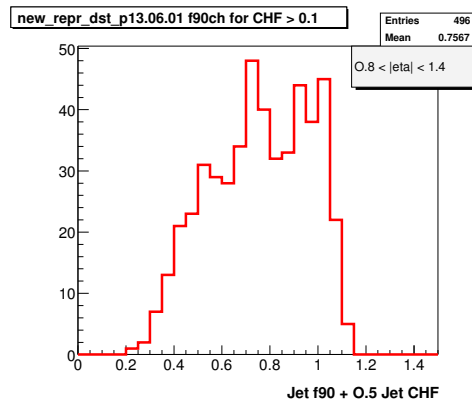
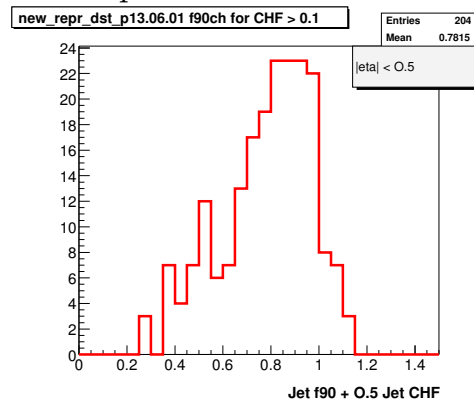
repr - dst - p14.01.00



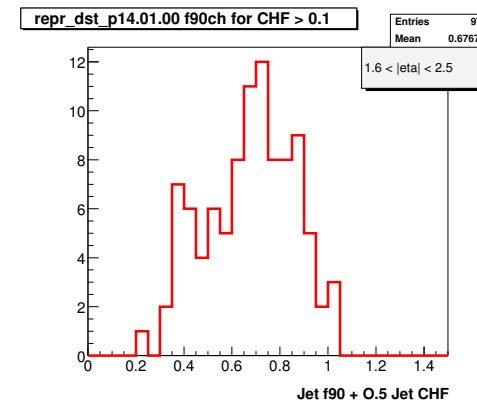
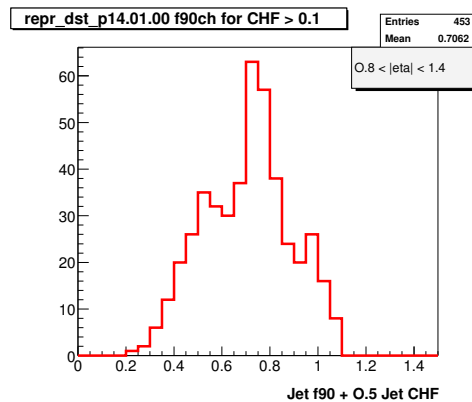
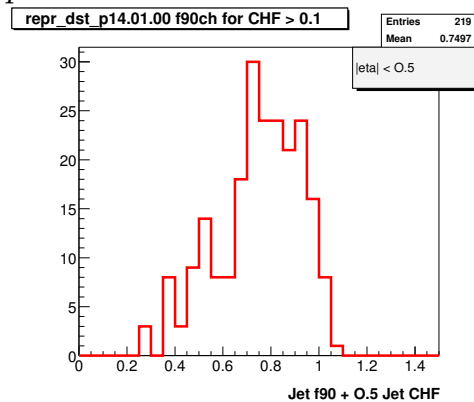
No difference : bug in ICD is going to be corrected in p14.02

f90ch

new - repr - dst - p13.06.01



repr - dst - p14.01.00



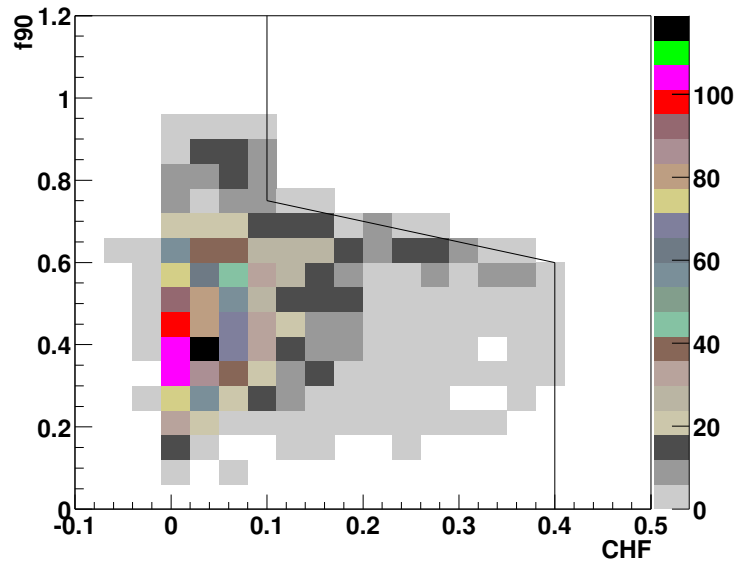
Less fake jets or jet merging in p14.

CHF vs f90

new - repr - dst - p13.06.01

jet p_T versus η

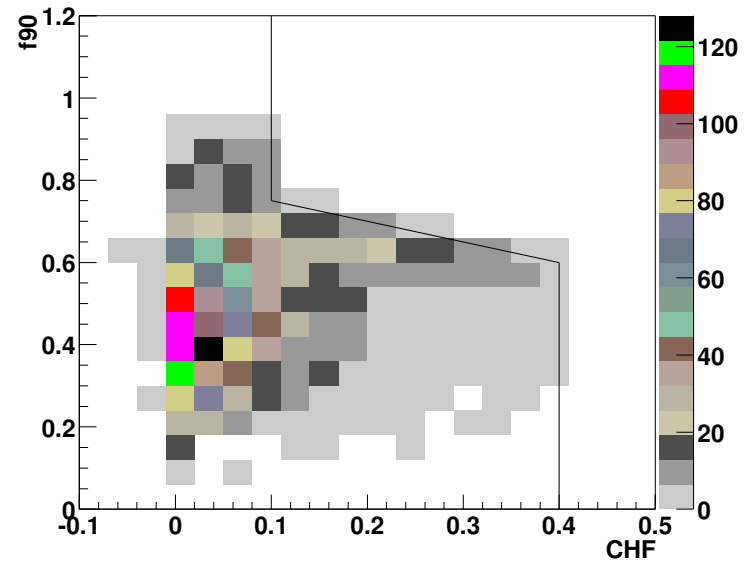
Entries 2570



repr - dst - p14.01.00

jet p_T versus η

Entries 2914



Same shape