LOST

(events in DC2 runs)
These events are rejected after the Tracker clustering stage with a cut on the total number of Tracker clusters in the event.

Cut is currently set to reject events with more than 500 clusters.

Plot suggests we are cutting at the edge of the main cluster distribution…
# Events Rejected per Run
(a small sampling of the log files)

# Rejected Clusters per Run

Losing some 40 events per 10000 event run.
Distribution of Tracker Clusters
(from modified SystemTests – one run)

Propose a “safer” cut at 1000 clusters. Will move from the tail but still eliminate events with too many (?) clusters which can be problematic with cpu time.