Hi Donghee,

if I understand your procedure correctly, you start from the fitted tracks. This means the pattern recognition has already found those tracks and the implicit cut on the track length has already been made (>9 clusters).

In this way it is no surprise that all the tracks are above the 100 MC point cut. But from your distribution we can learn what the actual cut corresponds to in terms of # MC points.

We lowered the cut to 5 clusters (instead of 10) some while ago, but unfortunately this is not in the data produced on the grid. This lower cut would enhance the TPC efficiency quite a bit. It would therefore be very nice if somebody could launch a run with updated tpc and tpc/tpcreco folders.

Thanks for your work, Donghee!!

Cheers

Felix