

Hadrex Workshop 2021 - Homework

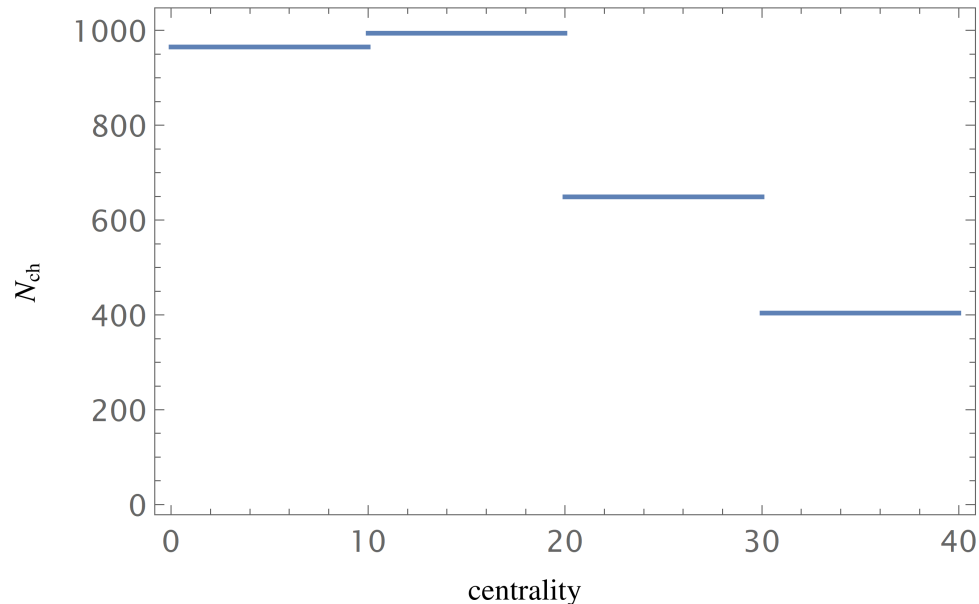
Antonio Mauricio S. N. Ferreira

Installing and Running

- Installed chain in Jarvis as well as my personal machine:
Scripts provided made the installation easy.
- Doubts were readily solved by Willian
- Ran the full chain in Jarvis for centrality classes:
0-10%, 10-20%, 20-30% and 30-40%.
- 10 events in each, with oversampling factor 100.

Analysis results

- Ran David's analysis to get N_{ch} for each centrality class:

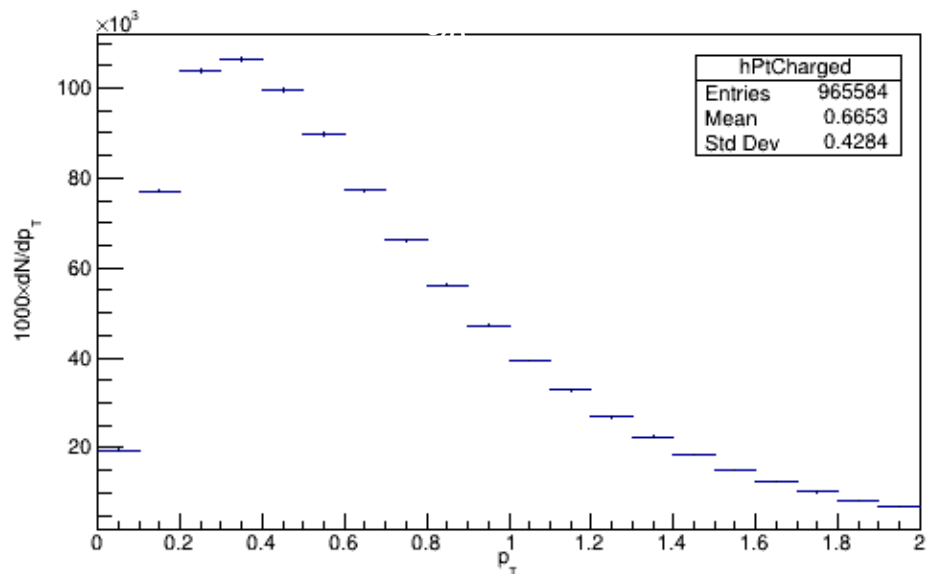


- Proxy for centrality, since impact parameter is not measurable.

Analysis results

- Plotted p_T spectra with `rootbrowse`

0-10%



30-40%

