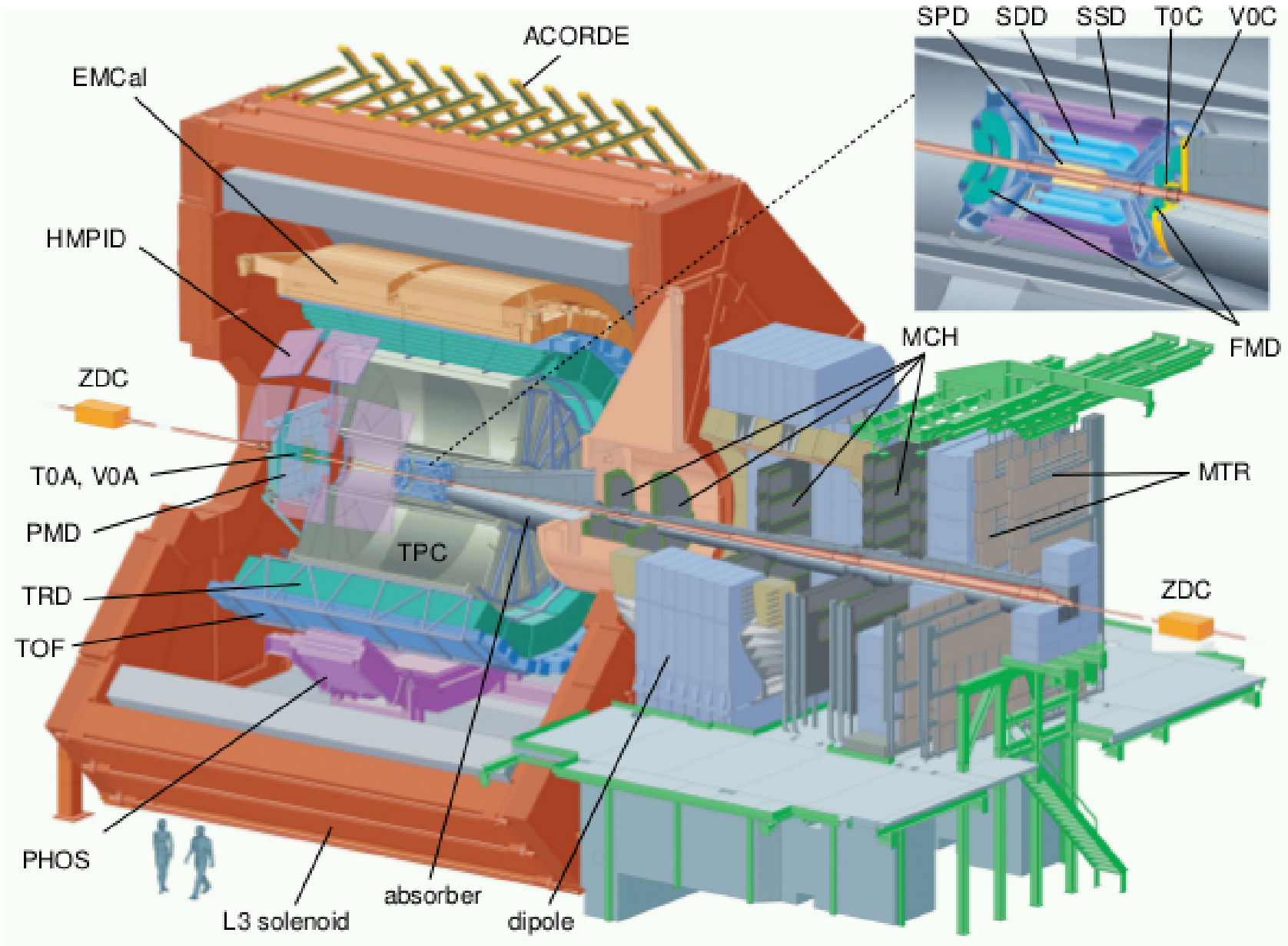


Measuring the Efficiency of the ALICE TOF Detector

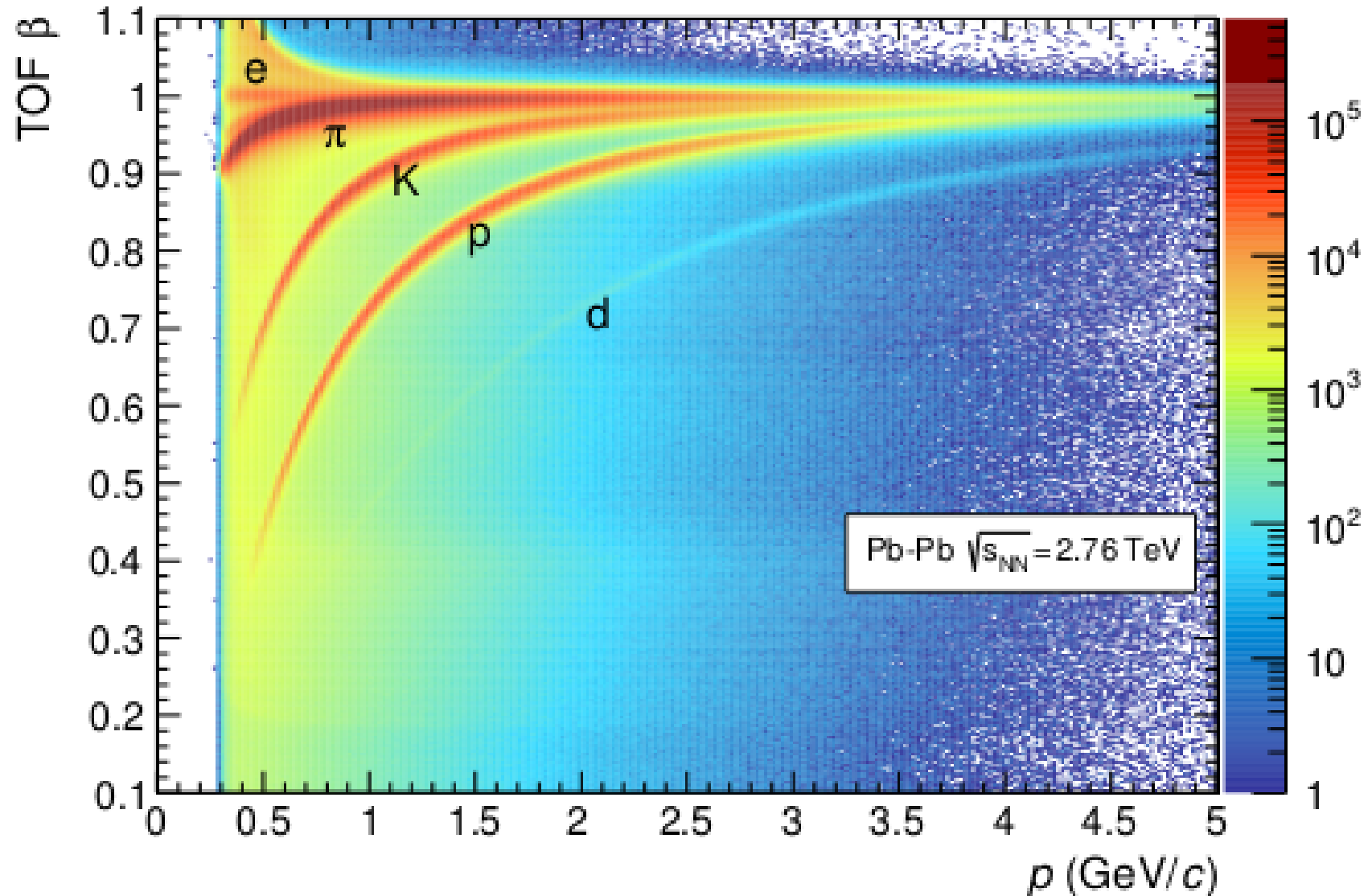
William Bergan

ALICE



Performance of the ALICE Experiment at the CERN LHC, March 17, 2014.

Time of Flight (TOF)



Efficiency of the TOF

- Of the tracks seen in the the time projection chamber (TPC), how many have a signal in the TOF?
- Pick only “good” tracks
- If there's an associated hit on the other side of the TOF, the particle must have passed through

Mt. Pilatus



Photo by Bennett Marsh.