



中国科学技术大学

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ITS-TPC matching

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Datasets and cuts

- Run2:

- LHC17q

- 000282365 000282366

- 000282367 000282391

- 000282392 000282441

- Run3:

- LHC22f

- 520259 520294 520471

- 520472 520473

- LHC22m

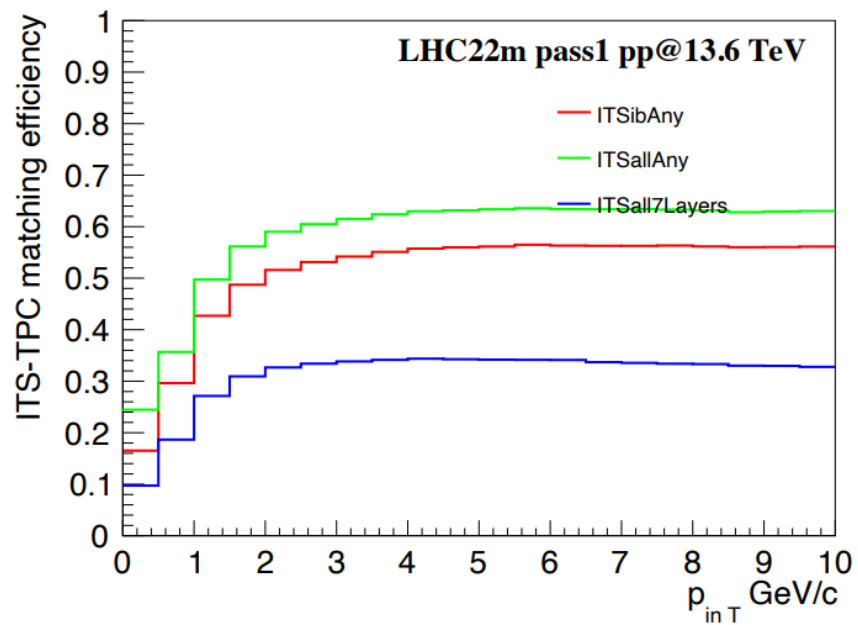
- 523182

- Event selection:

- $-10 \text{ cm} < V_{txZ} < 10 \text{ cm}$

- Track selection:

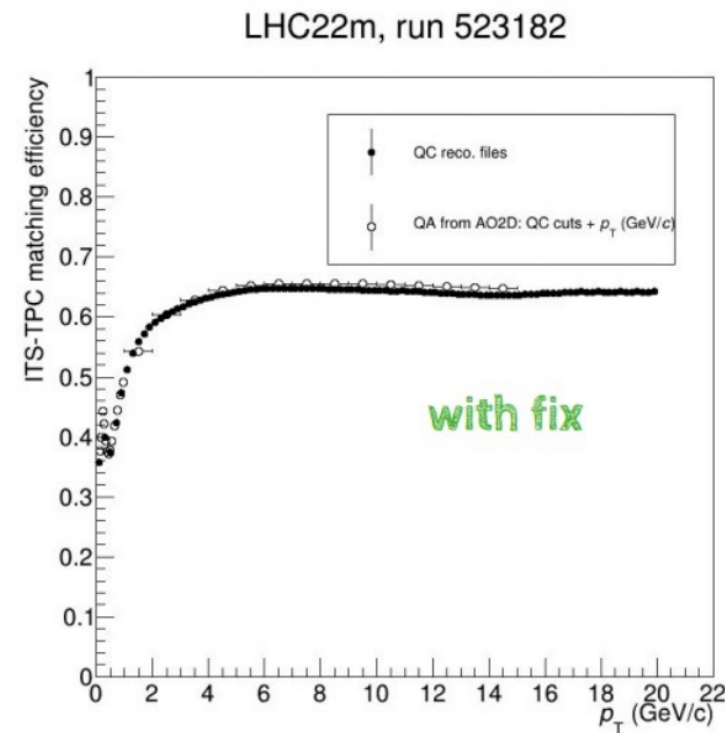
- $TPCncls > 90$



ITSibAny: At least one ITS hit in the first 3 layers

ITSallany: At least one ITS hit in all 7

ITSall7Layers: All 7 layers matched



https://indico.cern.ch/event/1210215/contributions/5089616/attachments/2531538/4355855/ITSTPCME_DPGAOT_V2.2.pdf

