

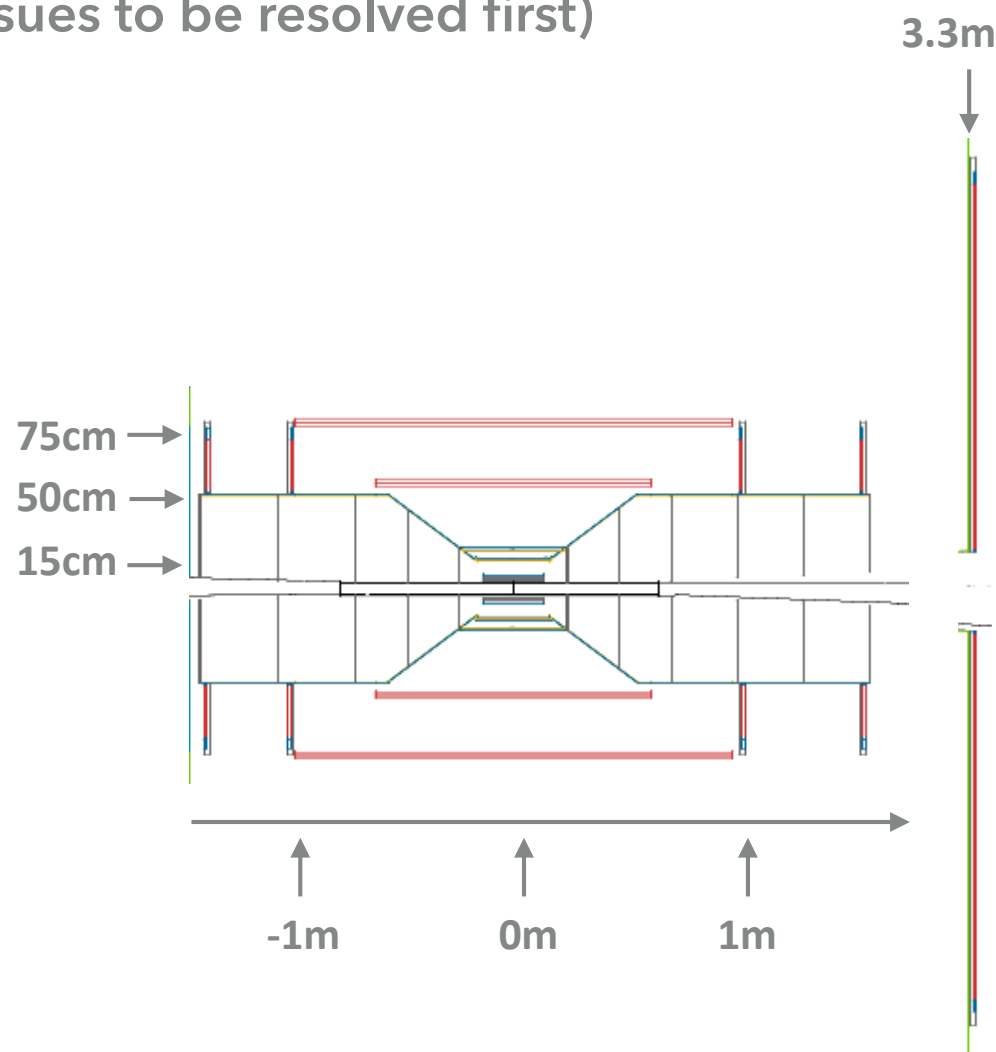
Performance of the new realistic seeding code with ACTS in DD4HEP/juggler

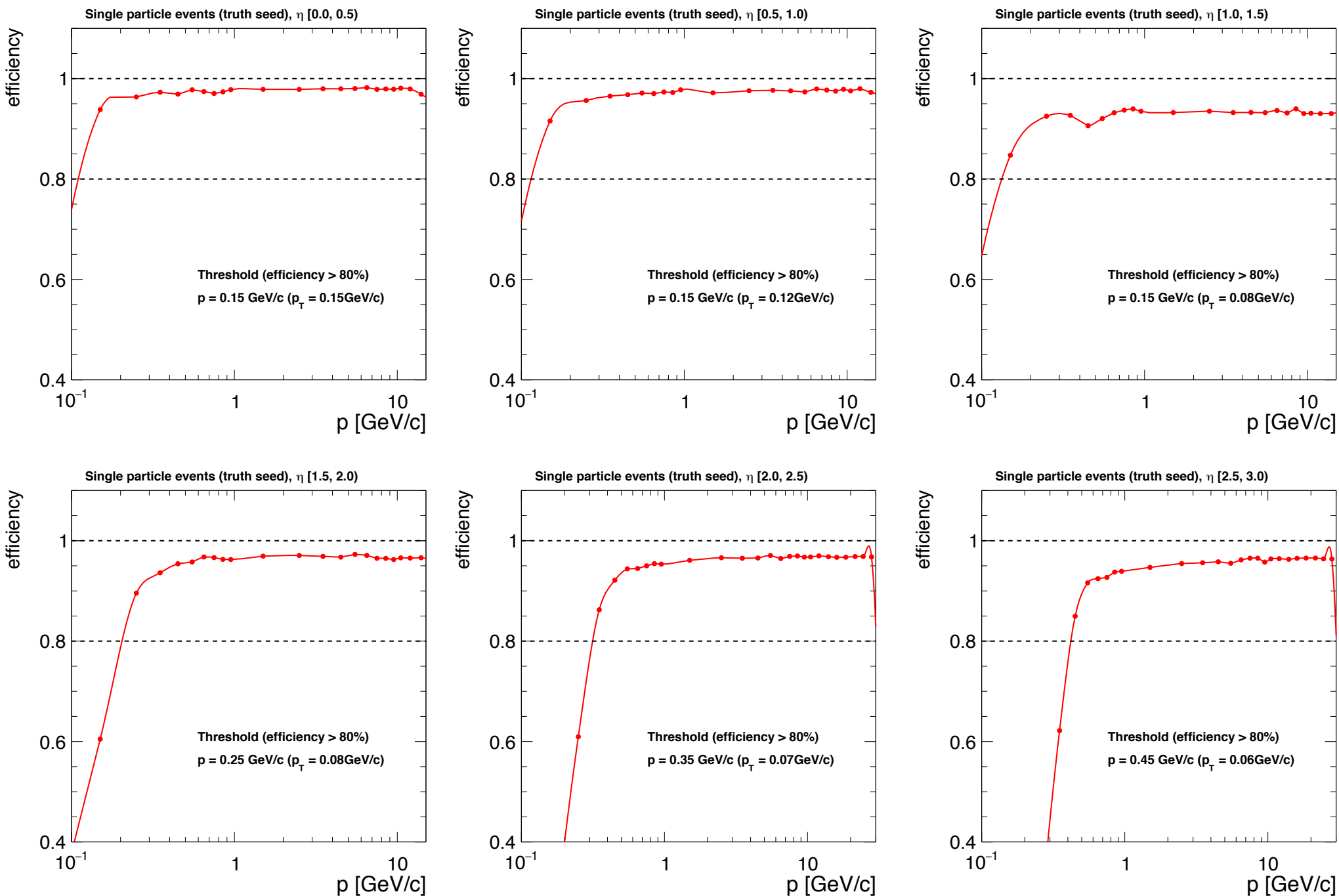
Wenqing Fan

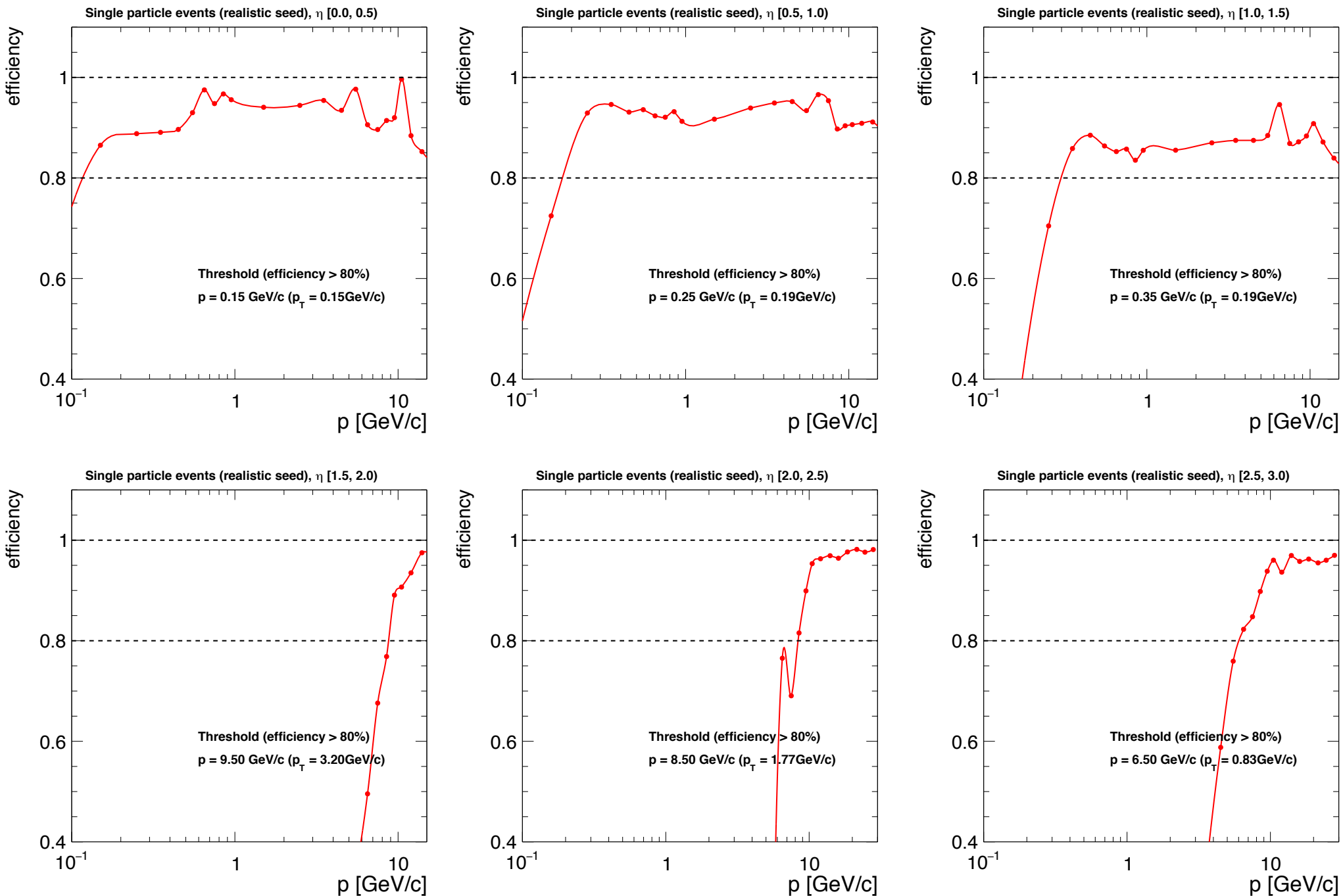
09/06/2022, LBNL

► Current setup: ATHENA tracking geometry + 3T field

- ◆ B field can be scaled, but need to re-run full simulation (on-going)
- ◆ ePIC geometry material map to be made (there are some overlapping geometry issues to be resolved first)



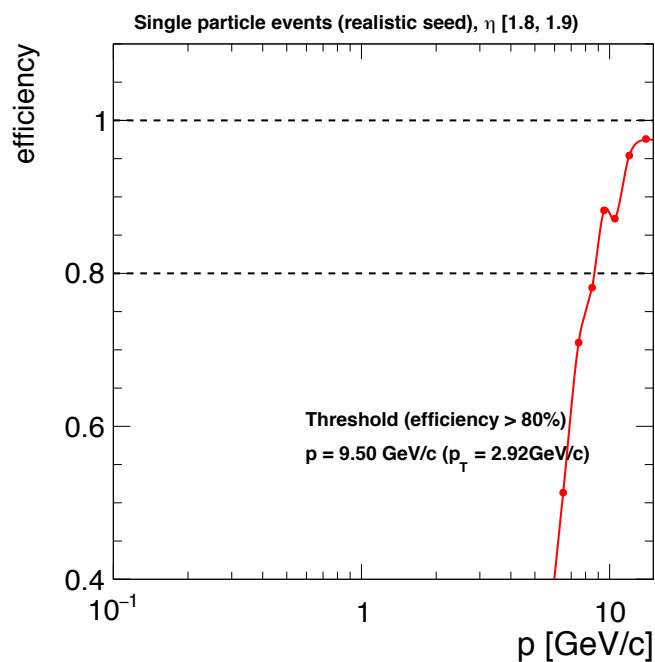
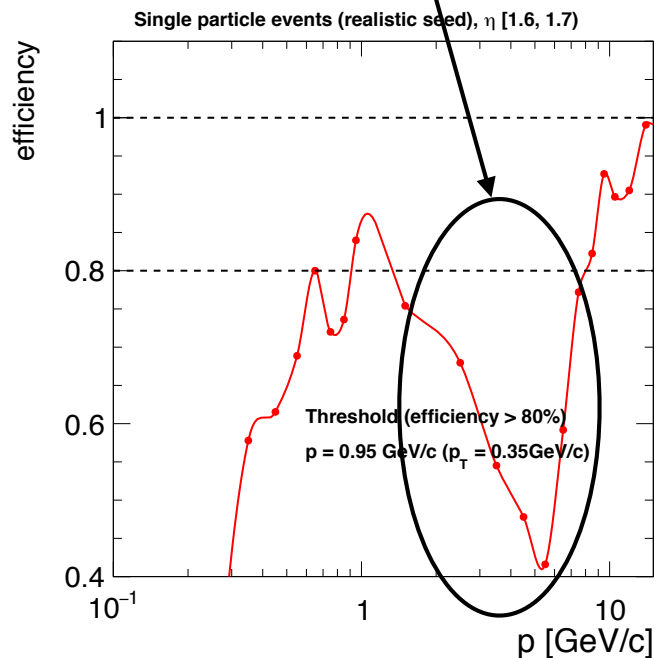
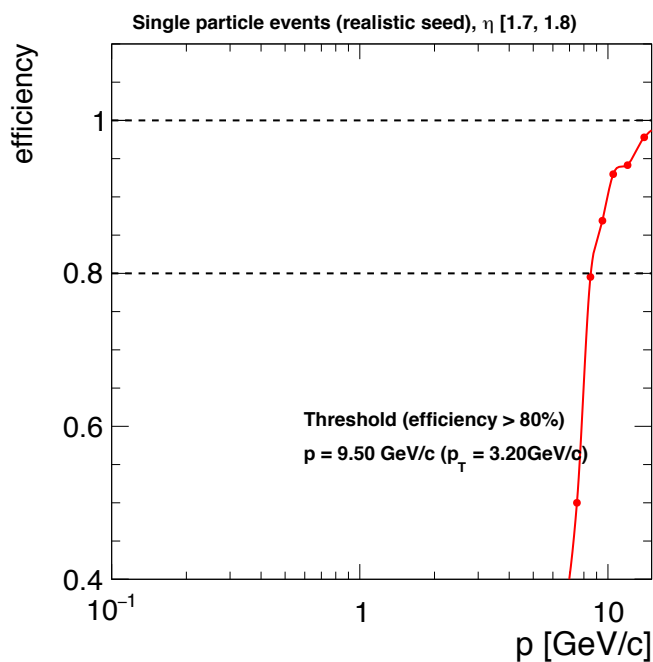
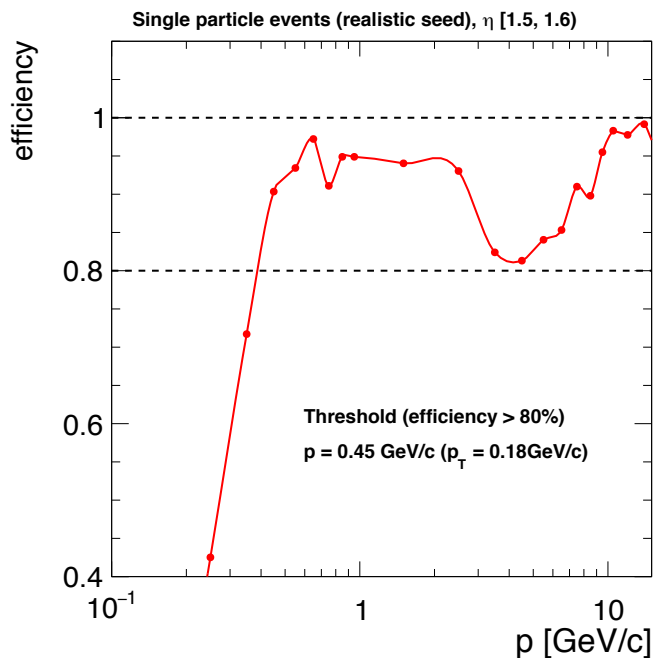
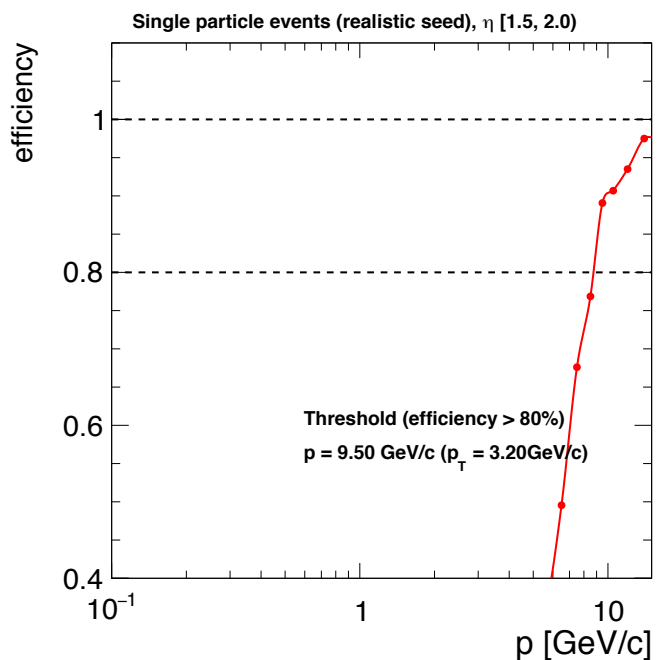




Realistic seeding (maxSeedsPerSpM = 5)

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Break down to
finer η bins



not sure what's
happening here...

Break down to
finer η bins

