

Request for Light Anti-Ion Transport with Geant4

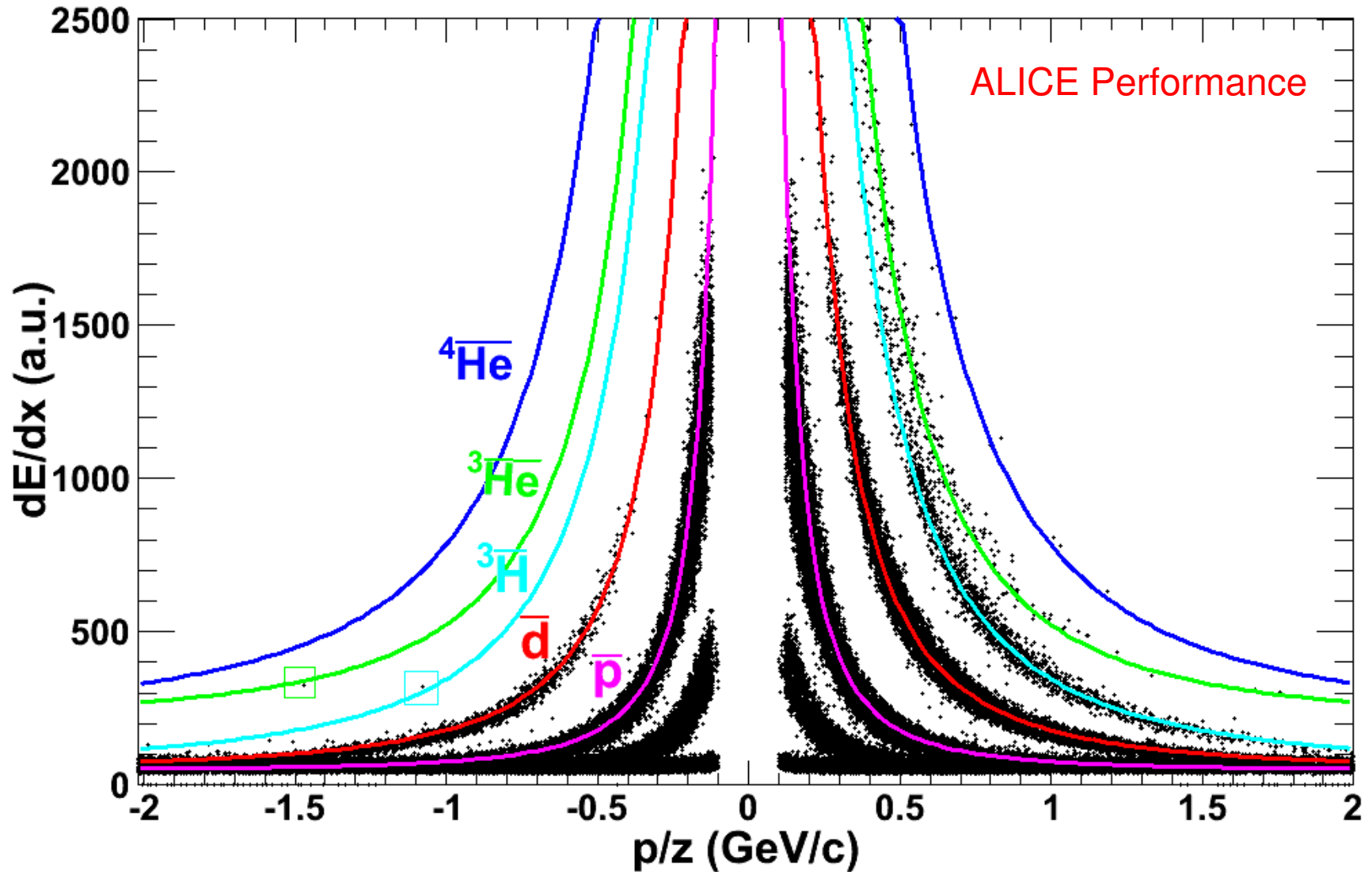
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Geant4 TF

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dE/dx distribution using pp@7TeV ALICE data

(~ 30 Millions Events)



Scope

- Light anti-ions: anti-deuteron, anti-triton, anti-He3 and anti-He4
- Energy loss, absorption, (quasi)elastic scattering
- Materials: H, C, N, O, Si, Al, ...
- Momentum range 0.1 – 4 GeV

Present Solution

- We use already the AMS anti-ion code for Geant3 (V. Choutko)
- Overlap with AMS Geant4 requirements ?