Progress report on forced core source model

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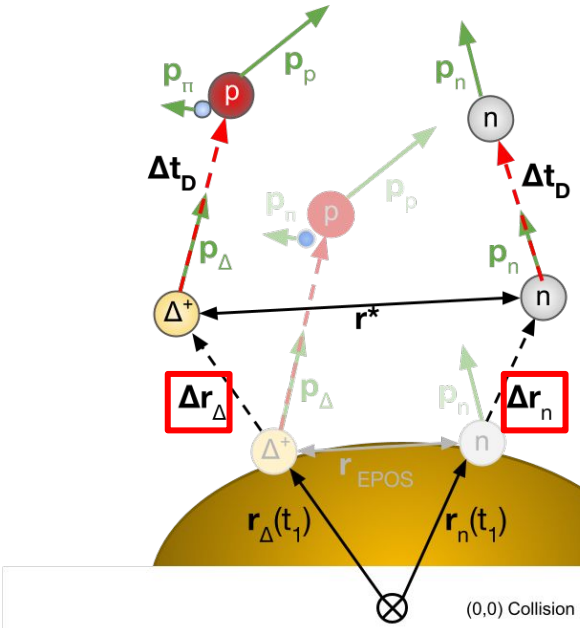
Recap

General idea

1. Propagate primordials (resonances **and** nucleons) to equal times
2. Save the vector connecting a resonance and its product (“decay vector”)
3. Source size in EPOS is not correct! -> use measured r_{core}
4. Move primordials along their position vector until we reach a distance of r*
5. Add the decay vector to moved resonance
6. Propagate to equal times



Current results

m_T scaling and core-effective

- The core source is well reproduced (by construction)
- The effect of the resonances is drastically increased compared to the measurement
- Problem could come from lorentz boost
- Will further investigate once QC development is finished