Subject: Re: PDG ID of light ions
Posted by Dmytro Kresan on Mon, 15 Aug 2016 12:14:26 GMT
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Please post the line of your ASCII file where the alpha is defined. Yes, it should work with Z=2 and A=4. Do not forget -1 as first parameter. Example event:

0 1 0. 0.
 -1 2 4 px py pz vx vy vz 3.727379508

Or, alternatively, the Ion generator in r3ball.C:

R3BIonGenerator *gen = new R3BIonGenerator(2, 4, 2, 10, 0., 0., 1.); // 10 alpha's with pz = 1 GeV
primGen->AddGenerator(gen);