Subject: Disagreement between the LISE++ calculations and the experiment
Posted by thuyuk on Thu, 28 Aug 2014 07:47:52 GMT
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Dear All,

We found a disagreement on the production ratio of the fragments after the secondary target, between the LISE++ simulations and the experimental data.

I have written an informal and small report to explain a little bit the situation, please find it in the attachment. It would be appreciated if somebody experienced on this setup share his/her knowledge and comment on the report.

Thank you very much!
Tayfun

File Attachments
1) lycca_disagreement.pdf, downloaded 676 times

Subject: Re: Disagreement between the LISE++ calculations and the experiment
Posted by thuyuk on Fri, 29 Aug 2014 10:06:01 GMT
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Thanks to Magda and Giulia who reminded us using the triggers.

So this was as simple as the trigger conditions. I was using all triggers, and particles with higher multiplicity gammas enhanced in E vs dE plot.

Using only Trigger 10 makes results coherent with the simulations.