



Istituto Nazionale di Fisica Nucleare



Status of the Z Id paper

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Status update

As you all know, we have been working on the Z identification paper about the CNAO+GSI 2019 data:

- Submitted to NIM-A on 23rd November
- Response received on 16th December asking for a major revision
- Rebuttal submitted on 9th February
 - ✓ Added details on the setups and on the beams employed
 - ✓ Added details on the analysis procedure
 - ✓ Spotted a subtle problem in the analysis
→ improved TOF resolution @ GSI (84→76 ps)
 - ✓ Overall improvement of the text

Charge identification of nuclear fragments with the FOOT
Time-Of-Flight system

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The paper has been accepted for publication on 1st March