

The 13th Torino Workshop on AGB stars & the 3rd Perugia Workshop on Nuclear Astrophysics



Contribution ID: 61

Type: **Oral (in presence)**

Recent achievements of the ERNA Collaboration

Monday, 20 June 2022 16:40 (25 minutes)

For more than two decades, the ERNA Collaboration has investigated nuclear processes of astrophysical interest through the direct measurement of cross sections or the identification of the nucleosynthesis effects. Measurements of cross-section of radiative capture reactions have been mainly conducted using the ERNA Recoil Mass Separator, and more recently with an array of charged particle detector telescopes designed for nuclear astrophysics measurements. Some results achieved with ERNA will be reviewed, with a focus on the results most relevant for nucleosynthesis in AGB and advanced burning phases.

Session

Experimental Nuclear Astrophysics

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Session Classification: Nuclear Astrophysics