

Contribution ID: 127 Type: Invited Oral

Cross section measurements for Nuclear Astrophysics using the Trojan horse method

Wednesday, 19 July 2023 10:10 (25)

I discuss the basic concepts of the Trojan Horse Method in nuclear astrophysics and the opportunity it offers to determine the cross sections of various stellar burning reactions when it is difficult to perform the corresponding direct measurements. I will focus on recent results to investigate carbon burning and primordial nucleosynthesis.

Primary author(s): TUMINO, Aurora (UKE & INFN-LNS)

Presenter(s): TUMINO, Aurora (UKE & INFN-LNS)

Session Classification: Session 8

Track Classification: Nuclear Astrophysics