**Nuclear Physics in Astrophysics XI** 



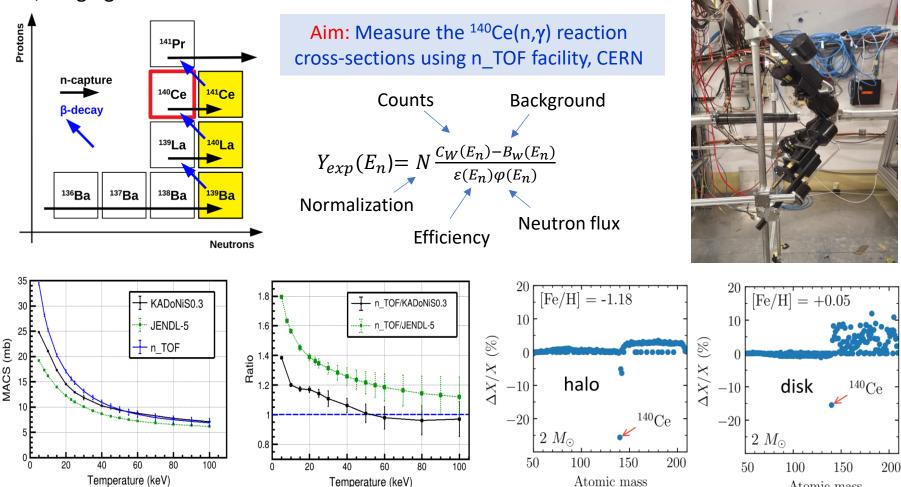




## The $^{140}$ Ce(n, $\gamma$ ) cross section measured at n\_TOF and its astrophysical implications

Discrepancies present in different evaluated libraries: Inconsistent values of the MACS at kT = 25

keV, ranging from  $7.3 \pm 4.0$  to  $13.9 \pm 1.0$  mb.



Phys. Rev. Lett. 132, 122701 (2024)

Atomic mass