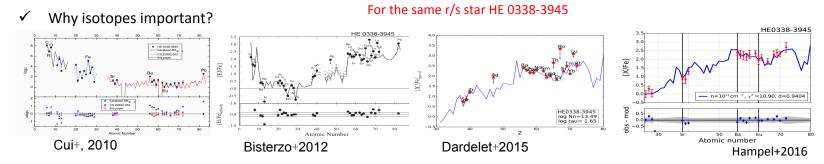
## Study The Neutron-Capture Processes Based on The Odd Isotopic Fractions of Barium

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## Motivations



✓ What is the correct value of the isotopic fraction of Ba in the solar pure r-process?

The solar r-pattern obtained by subtracting the s-components.

Under the same barium abundance, the stellar model and classic method give different isotopic yields.

We measured the odd isotopic fractions of barium for five r-II stars and one r/s stars.

