Modelling uncertainty of the Rhenium-Osmium cosmic clock

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Intro

Theory (10 min)

- basics of nuclear physics and reactions
- neutron capture processes
- Omega
- Eris

Method (5 min)

- fitting
- uncertainty of yields (from Arnould)
- "Monte Carlo" style method

Results (10 min)

- 187-fraction
- beta-decay and "removing negative yields"
- Number of events
- IMF slope

Conclusions (5 min)

- Summary of conclusion chapter (page)