

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)