

XUNDL compilation exercise



Objective

- to compile nuclear structure data from a recent paper published in a peer-reviewed journal into an ENSDF formatted file
 - ✓ will extract and objectively assess the experimental data published in the article
 - ✓ will run several of the ENSDF codes



Murray

Eur. Phys. J. A (2018) **54**: 145 DOI 10.1140/epja/i2018-12581-7

THE EUROPEAN
PHYSICAL JOURNAL A

Regular Article - Experimental Physics

M1 and E2 transition rates from core-excited states in semi-magic ⁹⁴Ru

International Journal of Modern Physics E Vol. 27, No. 6 (2018) 1850051 (7 pages) © World Scientific Publishing Company DOI: 10.1142/S0218301318500519



New levels in spherical $^{96}\mathrm{Y}$

PHYSICAL REVIEW C 98, 024318 (2018)

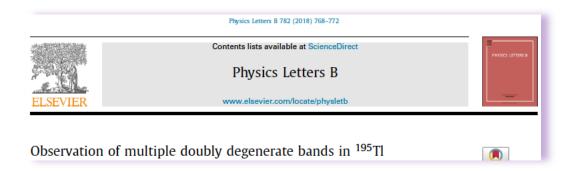
Excited levels in the multishaped 117 Pd nucleus studied via β decay of 117 Rh



Tibor

PHYSICAL REVIEW C 98, 014330 (2018)

Possible onset of multifaceted excitation modes in ²⁹Al



PHYSICAL REVIEW C 98, 014321 (2018)

 β - and γ -decay spectroscopy of ^{197,198}Os



Filip

PHYSICAL REVIEW C 98, 024319 (2018)

Level structure above the 17^+ isomeric state in $^{152}_{69}Tm_{83}$

PHYSICAL REVIEW C 98, 024302 (2018)

Decay of a 19⁻ isomeric state in ¹⁵⁶Lu

PHYSICAL REVIEW C 98, 024324 (2018)

Two-neutron and core-excited states in ^{210}Pb : Tracing E3 collectivity and evidence for a new β -decaying isomer in ^{210}Tl



How we will proceed?

- ✓ will split into 8 groups of 2 people/group + one group of a single person
- ✓ please sign the sheets which group you would like to join

