

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



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 ^{94}Ru

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

 **World Scientific**
www.worldscientific.com

New levels in spherical ^{96}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 ^{29}Al

Physics Letters B 782 (2018) 768–772



Contents lists available at [ScienceDirect](#)

Physics Letters B

www.elsevier.com/locate/physletb



Observation of multiple doubly degenerate bands in ^{195}Tl



PHYSICAL REVIEW C **98**, 014321 (2018)

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



PHYSICAL REVIEW C **98**, 024319 (2018)

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

PHYSICAL REVIEW C **98**, 024302 (2018)

Decay of a 19^- isomeric state in ^{156}Lu

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

