

Jeremie Choquette
McMaster Univ.

NSR HELPER

Keywording

- ◎ Every article entered into the NSR database is assigned a series of keywords
- ◎ The article can then be searched for and retrieved based on those keywords

Current Method

- ◎ The current method by which keywords are generated involves typing out a description of the article in a detailed format

Example:

<KEYWORDS>NUCLEAR REACTIONS

{+248}Cm({+209}Bi,X),E=1450 MeV;

{+249}Cf({+207}Pb,{+207}Pb'),E=1430 MeV;

measured E|g,l|g,|g|g-coin. {+247},{+249}Cm,
{+249}Cf; deduced levels, J, |p, configurations,
bands. Comparison with theory.

NSR Helper

- The purpose of this program is to provide a template i.e. an easier way to enter keywords
- The program accepts ranges of nuclei (for example, simply state 60-70Cu)
- The keywords can be selected by clicking check boxes in the template

Output Path:

Keynumber

<Keynumber Here>

D:\(Ernst)\Xund\

Complete Paper

<Choose Major Topic>

<Select a Topic>

Complete and add this topic

<Choose Entry Type>

<Select an Entry>

Complete and add this entry

Nuclides

Reaction

Energy

[Extra reaction]

Energy

Selectors

- | | | | |
|------------------------------------|--------------------------------------|---------------------------------------|--|
| <input type="checkbox"/> A-Spectra | <input type="checkbox"/> Analogs | <input type="checkbox"/> B(Lambda) | <input type="checkbox"/> B-Spectra |
| <input type="checkbox"/> Brems | <input type="checkbox"/> CE | <input type="checkbox"/> Coulex | <input type="checkbox"/> Deformation |
| <input type="checkbox"/> Doppler | <input type="checkbox"/> DSigma | <input type="checkbox"/> Fission | <input type="checkbox"/> G-Multipolarity |
| <input type="checkbox"/> G-Spectra | <input type="checkbox"/> HI | <input type="checkbox"/> High-Spin | <input type="checkbox"/> Hyp-Def |
| <input type="checkbox"/> Hyp-Nuc | <input type="checkbox"/> I-Shift | <input type="checkbox"/> ICPND | <input type="checkbox"/> Masses |
| <input type="checkbox"/> MECPD | <input type="checkbox"/> Mesic-Atoms | <input type="checkbox"/> Mu | <input type="checkbox"/> N-Spectra |
| <input type="checkbox"/> P-Spectra | <input type="checkbox"/> Parameters | <input type="checkbox"/> Polarization | <input type="checkbox"/> Q |
| <input type="checkbox"/> Que-Glu | <input type="checkbox"/> Quadrupole | <input type="checkbox"/> Radius | <input type="checkbox"/> Rel-Eff |

Common Properties

- Elg
 Ilg
 Multipolarity
 DCO
 CC
 Levels
 Spin
 Parity
 Bands
 Angular Momentum
 GWIDTH
 NWIDTH
 BE2

Coincidences

- |g-|g
 |g-|g-|g
 |g-t
 |e-|g
 |b-g
 n-|g
 p-|g

Decay

- Logft
 BR
 HF
 Cross section
 E|a

Theory

- Routhians
 rms radius
 potential energy surfaces

Other:

Include extra information at end