

Re: nuclear shell model periodic table

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In article <4e35159f.0410022256.4ee102be@posting.google.com>, Y.Porat <maporat@012.net.il> wrote:
> glhansen@steel.ucs.indiana.edu (Gregory L. Hansen) wrote in message
> news:<cj9j4l\$bpp\$1@hood.uits.indiana.edu>...
>> In article <y93wtykgtl8.fsf@nestle.csail.mit.edu>,
>> Allan Adler <ara@nestle.csail.mit.edu> wrote:
>>>
>>> Periodic tables of the elements, based on the electronic shells are
>>> available in abundance. Where can I find a periodic table based on
>>> the nuclear shell model instead?
>>
>> You might be looking for a chart of the nuclides.
>>
>> <http://www.chartofthenuclides.com/>
>-----
> Hansen
> i have a little question to you and material for thinking:
> it is about the chemical periodic table of Mendeleiv:
>
> how and why is it that all the lanthanoids are concentrated
> in one 'square' of that table ??
> what happens with the 'magic number' of the periodic table--
> in that case of the Lanthanoids?
> can it be a problematic(questionable) case for the existing theory?

Sorry, I do not know. I haven't studied that sort of thing in any detail.

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"Yes, I revere you much, honored ones, and wish to fart in response." --
Aristophanes, Clouds