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By Vladivoj Valkovic

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Citations to the article The attenuation of 14 MeV neutrons in steel and D K Bewley Physics in Medicine and Biology 1984 29 341 IOPscience

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<http://connection.ebscohost.com/c/articles/19982379/experiment-analyses-14-mev-neutron-streaming-through-dogleg-duct>

Energy Deposition in Tissue and Similar Materials by 14.1-Mev Neutrons Rossi and G. FAILLA, Neutrons; dosimetry. In Medical Physics (O. Glasser, ed.),

<http://www.jstor.org/stable/3570553>

A biological and microdosimetric intercomparison of Institute of Radiation Physics and Radiobiology, 14 MeV neutrons

<http://informahealthcare.com/doi/pdf/10.1080/09553008214551121>

$D + T \rightarrow n + {}^4\text{He}$   $E_n = 14.1$  MeV.  $D + D \rightarrow n + {}^3\text{He}$   $E_n = 2.5$  MeV.  
Neutrons produced from the DT reaction are emitted isotropically (uniformly in all directions)

[http://en.wikipedia.org/wiki/Neutron\\_generator](http://en.wikipedia.org/wiki/Neutron_generator)

Neutrons with the initial energy of 14 MeV produced by the neutron generator of the Department of Reactor Physics, Chalmers University of Technology, Göteborg

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=1417173&contentType=Journals+%26+Magazines>

(PUNITA), incorporates a pulsed 14 MeV (D T) neutron generator and a large graphite mantle surrounding the sample American Association of Physics Teachers;

<http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.3275663>

SAO/NASA ADS Physics Abstract Abstract The differential cross sections for elastic scattering of 14 MeV neutrons from nitrogen and oxygen have been measured

<http://adsabs.harvard.edu/abs/1963NucPh..47..241B>

TABLE 2 Optical model parameters for 14 MeV neutrons Source Ro p b private communication 13) W. G. Cross and R. G. Jarvis, Nuclear Physics 15 (1960) 155 14) J. P

<http://www.sciencedirect.com/science/article/pii/0029558264900872>

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Neutron Physics Laboratory. Studsvik, Nyköping. The angular distributions of 13.7 and 14.0 MeV neutrons inelastically scattered on 206,207,

[http://link.springer.com/content/pdf/10.1007%2F978-1-4613-4499-5\\_23.pdf](http://link.springer.com/content/pdf/10.1007%2F978-1-4613-4499-5_23.pdf)

${}^{235}\text{U}$ , Pb, Nb, Ni, Al, AND C IRRADIATED BY 14-MeV NEUTRONS. Reactions, 190 = A = 219--Nuclear Reactions & Scattering--Neutrons; N68654 --Physics

<http://www.osti.gov/scitech/biblio/4669084>

scatter 14-MeV neutron time-of-flight spectrometer for fusion applications . imposed on these correlations that match the physics of the situation.

[http://pos.sissa.it/archive/conferences/240/130/ECPD2015\\_130.pdf](http://pos.sissa.it/archive/conferences/240/130/ECPD2015_130.pdf)

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Neutron skyshine from intense 14-MeV neutron source facility The dose distribution and the 70 PLASMA PHYSICS AND FUSION TECHNOLOGY; NEUTRON SOURCE

<http://www.osti.gov/scitech/biblio/6171962>

Title. Production of a pulseable fission-like neutron flux using a monoenergetic 14 MeV neutron generator and a depleted uranium reflector

[http://docs.lib.purdue.edu/physics\\_articles/722/](http://docs.lib.purdue.edu/physics_articles/722/)

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<http://www.bokus.com/bok/9781482238006/14-mev-neutrons/>

RBE of 14 MeV neutrons in barley LEA CERCEK, M. EBERT, PAMELA FRO ST t and D. GREENE Paterson Laboratories and Physics Department, Christie Hospital and Holt

<http://informahealthcare.com/doi/pdfplus/10.1080/09553006714551011>

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International Conference on the Physics of Reactors Nuclear Power: Measurements of 14.1 MeV Neutron Reflection and Transmission for Carbon, Polyethylene,  
<http://web.ornl.gov/sci/nsed/rnsd/staff/Publications/GroganPubs/Publication%2010892.pdf>

Calculated neutron and gamma-ray energy spectra from 14-MeV neutrons streaming through an iron duct: Comparison with experiment: Atomic and Molecular Physics:  
<http://adsabs.harvard.edu/abs/1981cngr.rept.....S>

14 MeV neutrons, or fusion neutrons, have more energy than other neutrons (10 times more than fission neutrons) and, as such, offer unique advantages in various  
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14 MeV cross sections for the reactions  $^{107}\text{Ag}$  Journal of Physics G: Nuclear Physics Volume 14 The  $^{181}\text{Ta}(n,2n)^{180\text{m}}\text{Ta}$  cross section for 14.68 MeV neutrons  
[http://iopscience.iop.org/0305-4616/14/1/011/?v\\_morerelated\\_ref=yes](http://iopscience.iop.org/0305-4616/14/1/011/?v_morerelated_ref=yes)

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