

Effects of Fission Yield Data in the Calculation of Antineutrino  
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Physical Review Letters

116, 132502

DOI: 10.1103/physrevlett.116.132502

Citation Report

#	ARTICLE	IF	CITATIONS
1	Reactor Neutrino Spectra. Annual Review of Nuclear and Particle Science, 2016, 66, 219-244. <a href="#">Decays of the Three Top Contributors to the Reactor</a>	3.5	100
2	<a href="#">xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:msub&gt;&lt;mml:mover accent="true"&gt;&lt;mml:mi&gt;Î&lt;/mml:mi&gt;&lt;/mml:mover&gt;&lt;mml:mo&gt;1/2&lt;/mml:mo&gt;&lt;/mml:msub&gt;&lt;/mml:math&gt;High-Energy Spectrum.&lt;mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:mrow&gt;&lt;mml:mmultiscripts&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;Rb&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;mml:mprescripts</a>	2.9	46
3	Reactor antineutrinos and nuclear physics. European Physical Journal A, 2016, 52, 1.	1.0	4
4	Nuclear Zemach moments and finite-size corrections to allowed<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î</mml:mi></mml:math>decay. Physical Review C, 2016, 94, .	1.1	17
5	Dissecting Reactor Antineutrino Flux Calculations. Physical Review Letters, 2017, 119, 112501.	2.9	31
6	NEOS Data and the Origin of the 5ÂMeV Bump in the Reactor Antineutrino Spectrum. Physical Review Letters, 2017, 118, 042502.	2.9	51
7	Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2017, 118, 251801.	2.9	129
8	Getting to the Bottom of an Antineutrino Anomaly. Physics Magazine, 2017, 10, .	0.1	1
9	Measurements of isomeric yield ratios of fission products from proton-induced fission on natU and 232Th via direct ion counting. EPJ Web of Conferences, 2017, 146, 04054.	0.1	4
10	Total absorption spectroscopy of fission fragments relevant for reactor antineutrino spectra. EPJ Web of Conferences, 2017, 146, 10002.	0.1	2
11	Analysis of the Daya Bay Reactor Antineutrino Flux Changes with Fuel Burnup. Physical Review Letters, 2018, 120, 022503.	2.9	38
12	Prospects for improved understanding of isotopic reactor antineutrino fluxes. Physical Review D, 2018, 97, .	1.6	22
13	Impact of fission neutron energies on reactor antineutrino spectra. Physical Review D, 2018, 97, .	1.6	19
14	Measurement of fission yields and isomeric yield ratios at IGISOL. EPJ Web of Conferences, 2018, 169, 00017.	0.1	0
15	Identifying Inconsistencies in Fission Product Yield Evaluations with Prompt Neutron Emission. Nuclear Science and Engineering, 2018, 190, 258-270.	0.5	10
16	High-statistics reactor anti-neutrino energy spectra for fission and beta-decay studies. EPJ Web of Conferences, 2018, 193, 01006. <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î</mml:mi></mml:math>-decay half-lives of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sb</mml:mi><mml:mprescripts	0.1	0
17	<a href="#">/&gt;&lt;mml:mrow&gt;&lt;mml:mn&gt;134&lt;/mml:mn&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt; and their isomeric yield ratio produced by the spontaneous fission of &lt;mml:math</a>	1.1	7
18	<a href="#">Summation calculation of delayed neutron yields for 235U, 238U and 239Pu, based on various fission yield and neutron emission probability databases. EPJ Web of Conferences, 2018, 193, 03004.</a>	0.1	2

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19	Spectral anomaly of reactor antineutrinos based on theoretical energy spectra. Physical Review C, 2018, 98, .	1.1	15
20	A plastic scintillator array for reactor based anti-neutrino studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 911, 104-114.	0.7	23
21	Review on the progress in nuclear fission experimental methods and theoretical descriptions. Reports on Progress in Physics, 2018, 81, 106301.	8.1	121
22	Revealing fine structure in the antineutrino spectra from a nuclear reactor. Physical Review C, 2018, 98, .	1.1	25
23	The Soreq Applied Research Accelerator Facility (SARAF): Overview, research programs and future plans. European Physical Journal A, 2018, 54, 1.	1.0	75
24	Fuel-Composition Dependent Reactor Antineutrino Yield at RENO. Physical Review Letters, 2019, 122, 232501.	2.9	46
25	Our Future Nuclear Data Needs. Annual Review of Nuclear and Particle Science, 2019, 69, 109-136.	3.5	40
26	Extraction of the $\langle U \rangle$ and $\langle Pu \rangle$	2.9	47
27	Isomeric fission yield ratios for odd-mass Cd and In isotopes using the phase-imaging ion-cyclotron-resonance technique. Physical Review C, 2019, 99, .	1.1	17
28	Neutrino oscillations: The ILL experiment revisited. Physical Review D, 2019, 99, .	1.6	2
29	Physics with reactor neutrinos. Reports on Progress in Physics, 2019, 82, 036201.	8.1	19
30	Comparison of point reactor response and space-dependent core response. Annals of Nuclear Energy, 2020, 147, 107689.	0.9	2
31	Precise $\langle Rb \rangle$ and $\langle Y \rangle$	1.1	6
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33	Improved short-baseline neutrino oscillation search and energy spectrum measurement with the PROSPECT experiment at HFIR. Physical Review D, 2021, 103, .	1.6	60
34	Compilation and Evaluation of Isomeric Fission Yield Ratios. Nuclear Data Sheets, 2021, 173, 118-143.	0.7	6
35	Determining spontaneous fission properties by direct mass measurements with the FRS Ion Catcher. EPJ Web of Conferences, 2020, 239, 02004.	0.1	5
36	Measurements using a prototype array of plastic scintillator bars for reactor based electron anti-neutrino detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1024, 166126.	0.7	3

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37	Measurements of $^{233}\text{U}$ fission product mass yields with the LOHENGRIN recoil mass spectrometer. European Physical Journal A, 2021, 57, 1.	1.0	6
38	PROSPECT-II physics opportunities. Journal of Physics C: Nuclear and Particle Physics, 2022, 49, 070501.	1.4	5
39	Bayesian approach to heterogeneous data fusion of imperfect fission yields for augmented evaluations. Physical Review C, 2022, 106, .	1.1	6
40	Evaluation of the response of plastic scintillator bars and measurement of neutron capture time in non-reactor environment for the ISMRAN experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1042, 167415.	0.7	0
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42	STEREO neutrino spectrum of $^{235}\text{U}$ fission rejects sterile neutrino hypothesis. Nature, 2023, 613, 257-261.	13.7	20
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44	Ground state and fission properties of even- <i>Z</i> uranium isotopes from multidimensionally-constrained relativistic mean field model. International Journal of Modern Physics E, 0, , .	0.4	0
45	Improving fission-product decay data for reactor applications: part I $\beta$ decay heat. European Physical Journal A, 2023, 59, .	1.0	4