Brookhaven National Laboratory

U.S. DEPARTMENT OF ENERGY

Wallet Cards Updates

Benjamin Shu
National Nuclear Data Center

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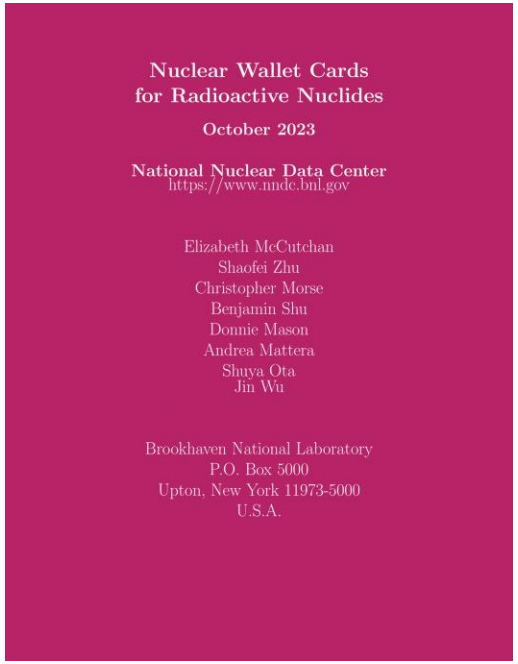
Radioactive Wallet Cards

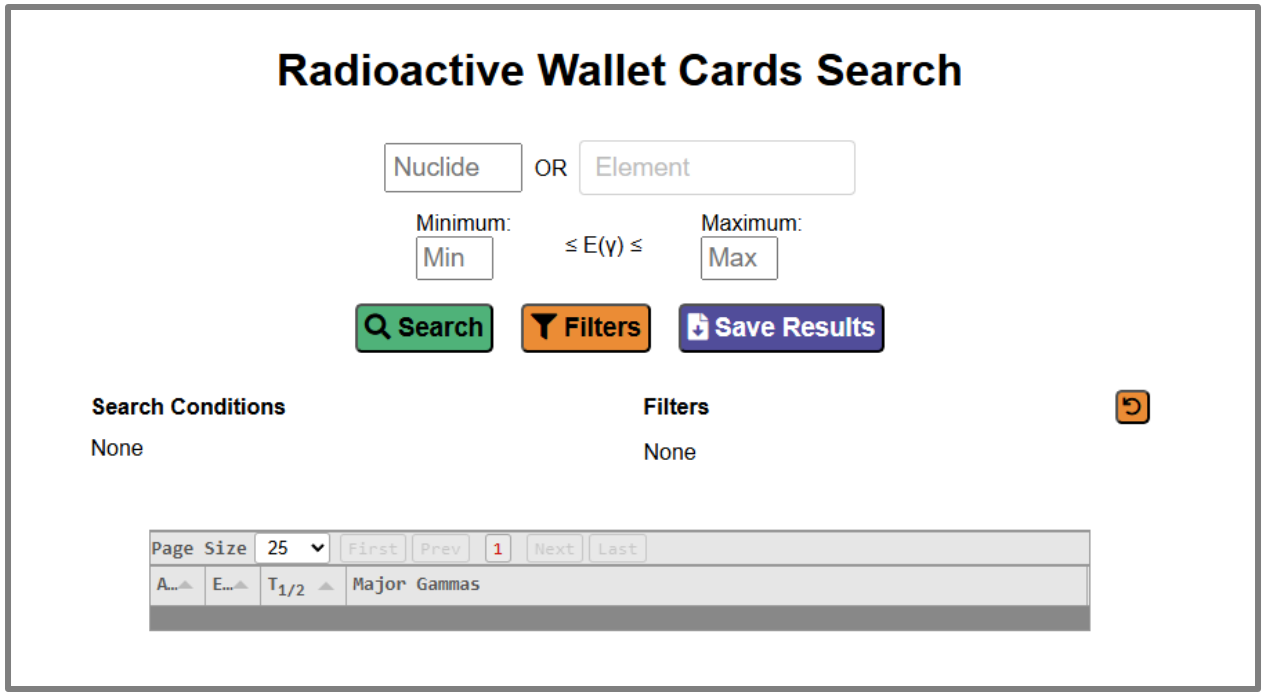
Previously only available as a print booklet



Radioactive Wallet Cards

New search page deployed in Feb 2025

- https://www.nndc.bnl.gov/walletcards/radioactive.html



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Search Functions

Enables searching by nuclide...

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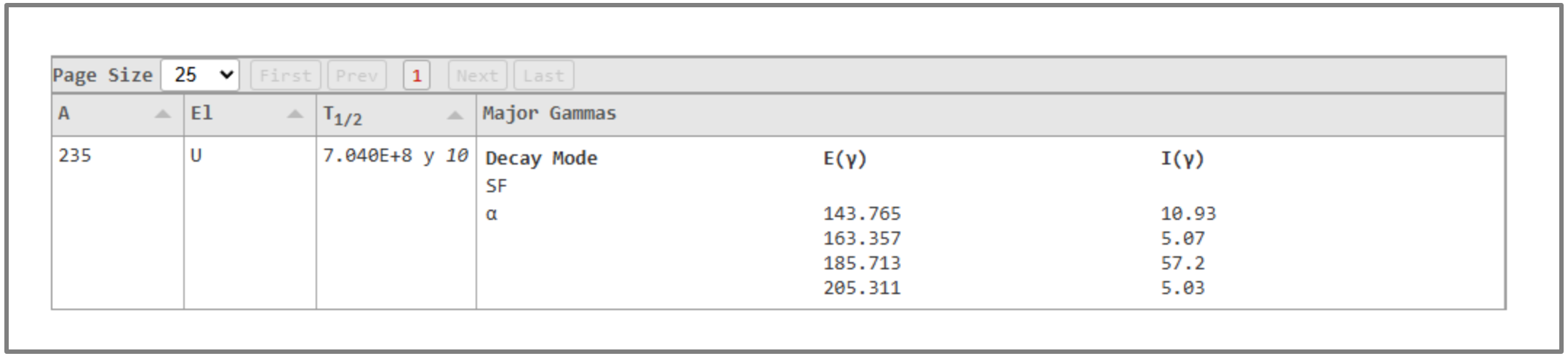

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A	El	$T_{1/2}$	Major Gammas		
235	U	7.040E+8 y *10*	Decay Mode	E(γ)	I(γ)
			SF		
			α	143.765	10.93
				163.357	5.07
				185.713	57.2
				205.311	5.03

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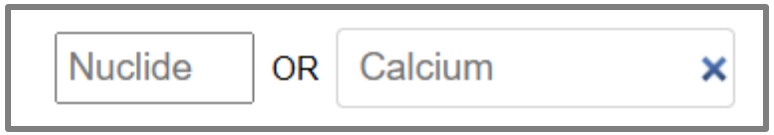
Search Functions (contd.)

...or by element...



Search Functions (contd.)

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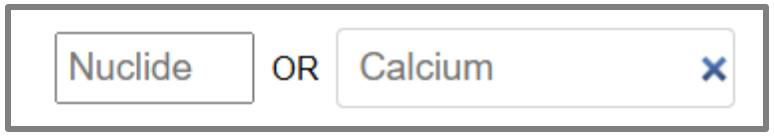

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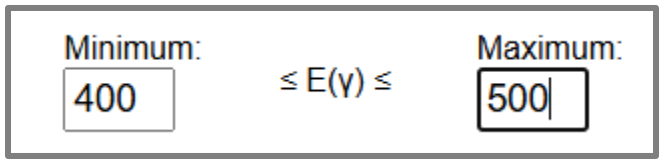
A	El	$T_{1/2}$	Major Gammas		
45	Ca	162.61 d 9	Decay Mode β^-	E(γ)	I(γ)
47	Ca	4.536 d 2	Decay Mode β^-	E(γ) 489.23 807.86 1297.09	I(γ) 5.9 5.9 67

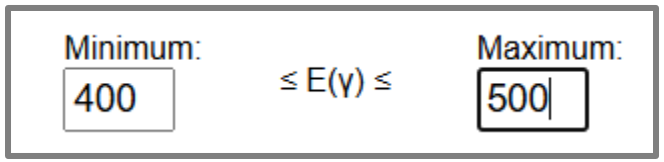
Search Functions (contd.)

...or by gamma energy range



Search Functions (contd.)

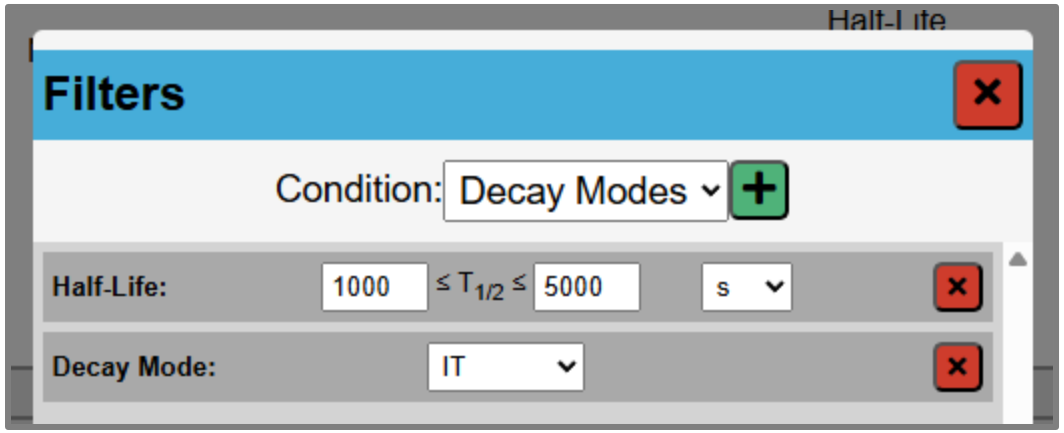
...or by gamma energy range



92	Sr	2.610 h *20*	Decay Mode β⁻	E(γ) 241.56 430.49 953.31 1142.35 1383.93	I(γ) 2.93 3.28 3.52 2.79 90
90m	Y	3.232 h *10*	Decay Mode IT β⁻	E(γ) 202.53 479.51	I(γ) 97.03 90.53
92	Y	3.54 h *1*	Decay Mode β⁻	E(γ) 448.5 561.1 934.47 1405.4	I(γ) 2.34 2.4 13.9 4.78

Filtering

Search page can filter by half-life or decay mode



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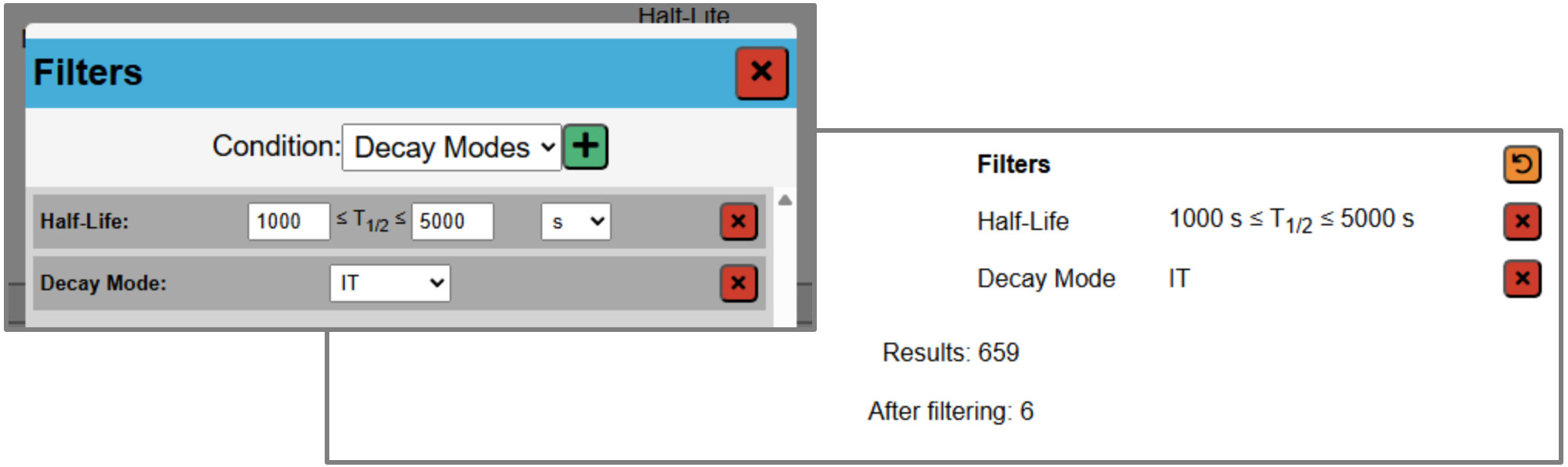
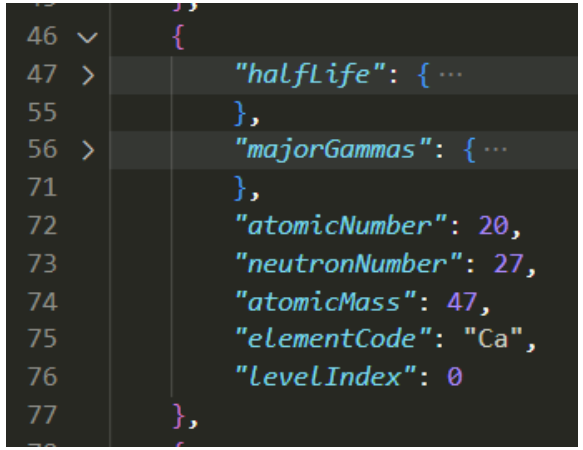


Saving Results

Results can be saved as a JSON file



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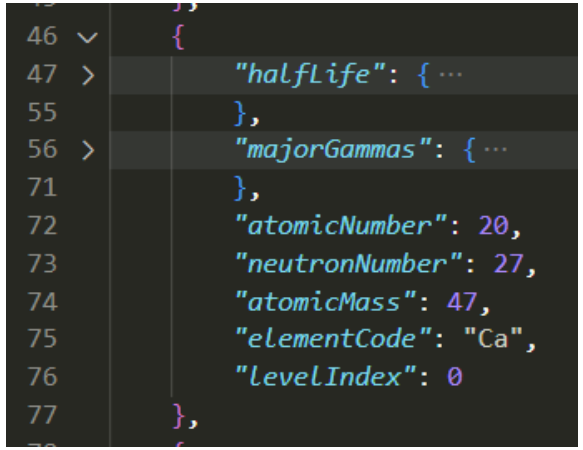

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