

isomer shift (in Mössbauer spectroscopy)

Measure of the energy difference between the source (E_s) and the absorber (E_a) transition. The measured Doppler velocity shift, δ , is related to the energy difference by

$$E_a - E_s = \delta E_\gamma / c$$

where E_γ is the Mössbauer gamma energy and c is the speed of light in vacuum.

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