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Physics Letters B

Volume 88, Issues 1-2, 3 December 1979, Pages 27-30



Pion scattering from aligned deformed nuclei

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Abstract

Pion scattering from well-deformed partially oriented nuclei is calculated in an eikonal approximation for pion energies in the (3-3) resonance region. As an illustrative example, pion cross sections and positions of diffractive minima are calculated for <sup>165</sup>Ho.

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http://dx.doi.org/10.1016/0370-2693(79)90105-9

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