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Fission fragment mass distribution in the $^{13}\text{C}+^{182}\text{W}$ and ^{176}Yb reactions

K. Ramachandran^{1,2a}, D.J. Hinde^{1b}, M. Dasgupta¹, E. Williams¹, A. Wakhle¹, D.H. Luong¹, M. Evers¹, I.P. Carter¹ and S. Das¹

¹ Department of Nuclear Physics, The Australian National University, ACT 0200, Australia

² Permanent Address: Nuclear Physics Division, Bhabha Atomic Research Centre, Trombay Mumbai, 400085 India

^a e-mail: ramachandran.kandasamy@anu.edu.au

^b e-mail: david.hinde@anu.edu.au

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Abstract

Shell effects can play a prominent role in fission fragment mass distributions. For lighter systems in the region of $A \sim 180$ -200, mass distributions were generally expected to be symmetric. However, a recent experiment showed that fission of ^{180}Hg following electron capture of ^{180}Tl leads to an asymmetric mass

Homepage

Table of contents

◀ Previous article Next article ▶

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► Abstract

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