



Contribution ID: 60

Type: Oral

Fission isomers among fission fragments - new results in studies of their break-up in the solid-state foils

Yu.V. Pyatkov^{1,2}, D.V. Kamanin², V.E. Zhuchko², Z.I. Goryainova², E.A. Kuznetsova², Yu. M. Sereda², A.N. Solodov², O.V. Strekalovsky², A.O. Zhukova²

¹National Nuclear Research University "MEPHI", 115409 Moscow, Russia

²Joint Institute for Nuclear Research, 141980 Dubna, Russia

In our previous publications [1-4] we presented experimental evidences of rare ternary decay mode of low energy fission fragments.

References

1. Yu.V. Pyatkov et al., Eur. Phys. J. A 45, 29 (2010).
2. Yu.V. Pyatkov et al., Eur. Phys. J. A 48, 94 (2012).
3. Yu.V. Pyatkov et al., Phys. Rev. C 96 (2017) 064606.
4. Yu.V. Pyatkov et al., Eurasian Journal of Physics and Functional Materials v.4 №1 (2020) 13-18
5. D.V.Kamanin, Yu.V.Pyatkov, A.N.Solodov et al., Journal of Physics: Conference Series 2586, 2023, art. 012043.

Notes

Primary author: PYATKOV, Yuri (JINR)

Presenter: PYATKOV, Yuri (JINR)