

A REMARK ON THE PROMPT FISSION NEUTRON SPECTRUM OF ^{252}Cf ^a

by

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ABSTRACT

Good resolution time-of-flight measurements show small structure in the prompt fission neutron spectrum of ^{252}Cf that is identified with air-scattering effects. The observed high-energy portion of the neutron spectrum is consistent with a Maxwellian distribution having a temperature of 1.42 MeV.

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