^{272}Ds

A tentative assignment of ^{272}Ds was reported in 1989 by Oganessian et al. only in a conference proceeding (1989OgZU): "If we assume that we have observed the decay of the same nuclide in both cases (the time distribution of the events detected in the ^{235}U + ^{40}Ar reaction does not contradict this assumption), then the cross-section ratio $\sigma(^{235}U)/\sigma(^{236}U)$ measured at the coumpund-nucleus excitation energy E_* = (40±5) MeV provides evidence in favour of the reactions involving the emission of 3 and 4 neutrons and leading to the formation of the even-even nucleus ^{272}110 (N=162). Because this mass number has been obtained in an indirect way, it is desirable to do an

independent mass assignment." This contribution was a translation of a Russian 1987

internal report (1987OgZZ) and has not been confirmed.

1987OgZZ Yu. Ts. Oganessian, Yu. V. Lobanov, M. Yussonua, Yu. P. Kharitonov *et al.*, JINR-D7-87-392 (1987).

1989OgZU Yu. Ts. Oganessian, Yu. V. Lobanov, M. Hussonnois, Yu. P. Kharitonov *et al.*, Proc. Intern. Shool Phys. 'Enrico Fermi', Course CIII, Varenna, Italy, P. Kienle, R. A. Ricci, A. Rubbino, Eds. , North-Holland, Amsterdam, p. 258 (1989).

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