

$^{92}\text{Zr}(\alpha, \alpha' \gamma)$ 2005Ch53

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 113, 2187 (2012)	15-Sep-2012

2005Ch53: $E\alpha \approx 51$ MeV; STARS Al-shielded double-sided annular Si detector telescope array; 4 Ge clover detectors from YRAST ball At 90° ; particle identification; measured $E\gamma$; bench-marking measurement to address limitations of using this reaction As a surrogate for neutron-induced reactions.

 ^{92}Zr Levels $E(\text{level})^\dagger$

0
934
1497

† From $E\gamma$.

 $\gamma(^{92}\text{Zr})$

E_γ^\dagger	$E_i(\text{level})$	E_f
563	1497	934
934	934	0

† From spectrum In fig. 2 of 2005Ch53; uncertainties unstated.

 $^{92}\text{Zr}(\alpha, \alpha' \gamma)$ 2005Ch53Level Scheme