## $^{94}$Zr(d,$^{3}$He) 1968Pr02

History

| Type | Author | Citation | Literature Cutoff Date |
|---|---|---|---|
| Full Evaluation | Coral M. Baglin | NDS 112, 1163 (2011) | 15-Dec-2010 |

E(d)=34.4 MeV, FWHM=75-125 keV, $\theta$(C.M.)≈12°−38°, ΔE-E Si detector telescope; finite range nonlocal DWBA analysis of $\sigma(\theta)$, normalization factor=2.95.

### $^{93}$Y Levels

| E(level) | L | $C^2S$[†] |
|---|---|---|
| 0 | 1 | 1.58[‡] |
| 599 *20* | 1 | 0.89 |
| 775 *20* | 4 | 0.81 |
| 890 *20* | 3 | 1.70 |
| 1280 *20* | 1+3 | 1.51,4.00 |
| 2530 *20* | 1 | 0.51 |
| 2930 *20* | 1 | 0.66 |

[†] From comparison of $\sigma(\theta)$ with DWBA calculations, assuming $2p_{3/2}$, $1f_{5/2}$ and $1g_{9/2}$ proton transfer for L=1, 3 and 4, respectively, unless noted otherwise.

[‡] Assuming $2p_{1/2}$ proton transfer.