

$^{52}\text{Cr}(^{16}\text{O},^{16}\text{O}'),(^{18}\text{O},^{18}\text{O}')$ 1979Po08

| <u>Type</u> | <u>Author</u> | <u>History</u> | <u>Citation</u> | <u>Literature Cutoff Date</u> |
|-----------------|----------------------|----------------|---------------------|-------------------------------|
| Full Evaluation | Yang Dong, Huo Junde | | NDS 128, 185 (2015) | 10-Jul-2015 |

1979Es04: ($^{16}\text{O},^{16}\text{O}'$), E=56 MeV, $\sigma(\theta)$, 80 cm diam scattering chamber maintained at a vacuum of better than 10×10^{-6} Torr and essentially free of organic contaminants, nine cooled Si surface-barrier detectors.

1979Po08: ($^{16}\text{O},^{16}\text{O}'$), ($^{18}\text{O},^{18}\text{O}'$), E=30-42 MeV, $\sigma(E)$, a double focusing magnetic spectrometer with a silicon position sensitive detector at the focal plane, DWBA analysis.

 ^{52}Cr Levels

| <u>E(level)</u> | <u>Comments</u> |
|-----------------|--|
| 0.0 | |
| 1434 | $\beta_2=0.17$ for ^{16}O bombardment, $\beta_2=0.12$ for ^{18}O bombardment (1979Po08). |