

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

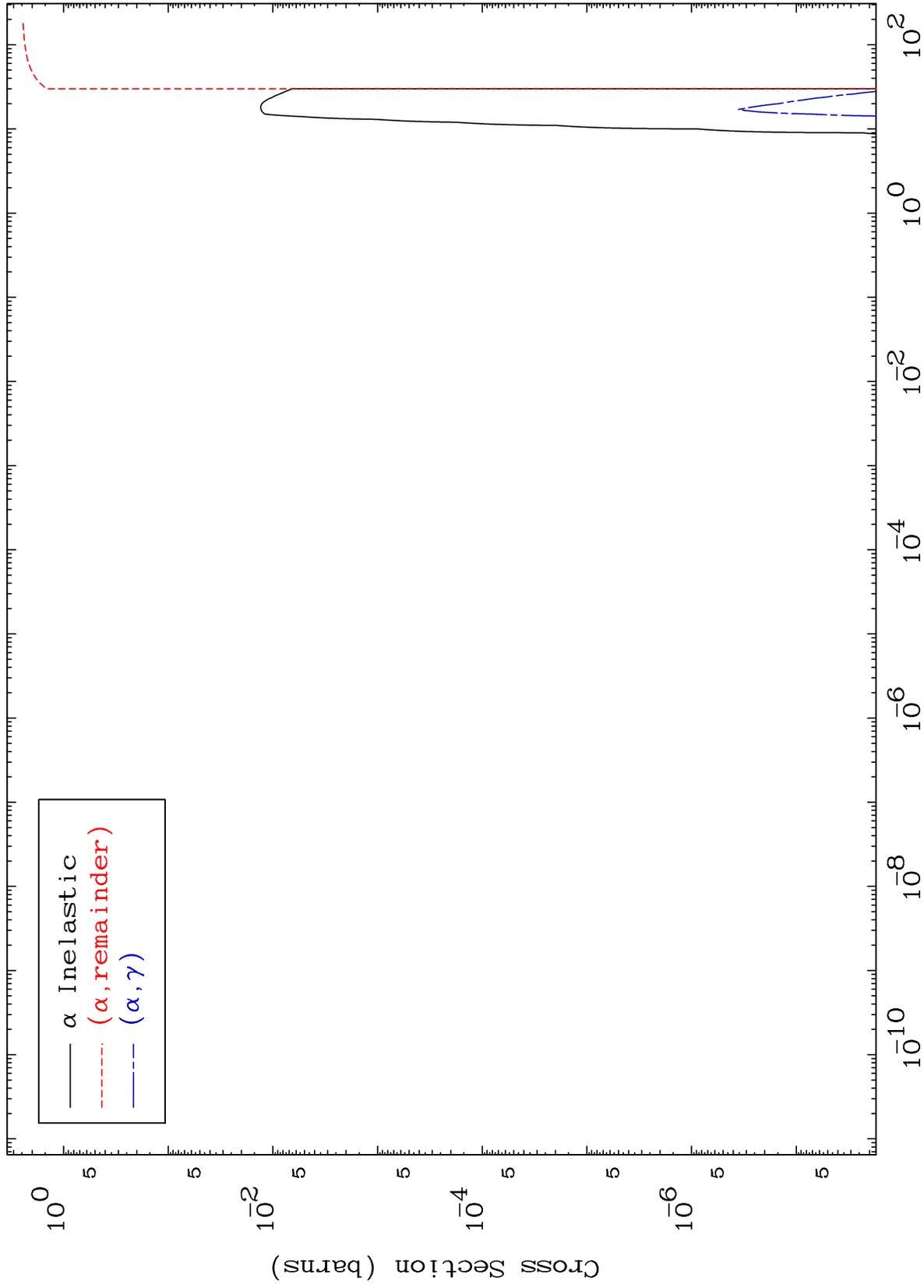
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5952

0 Kelvin  $\alpha$  Major

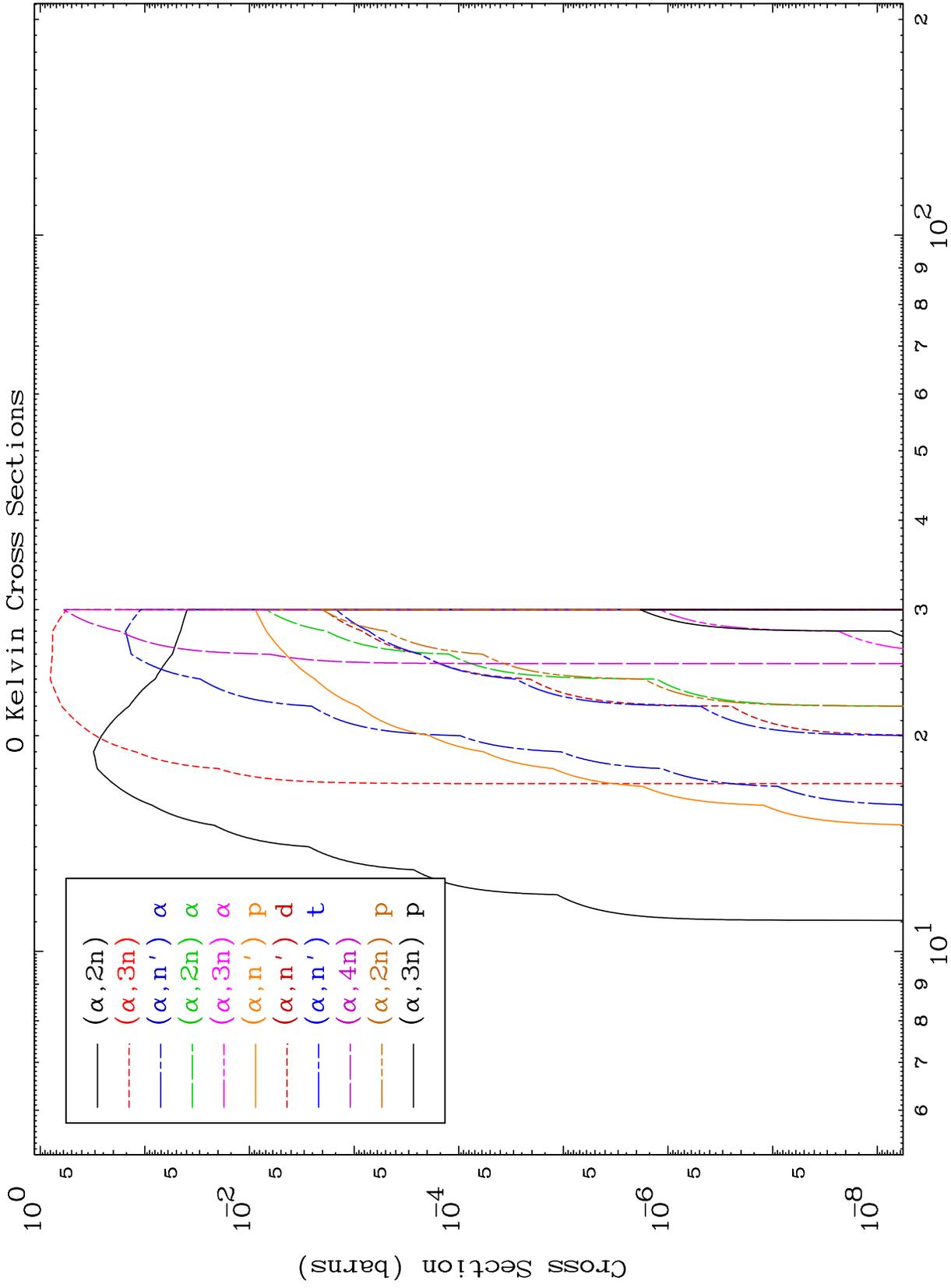
59-Pr-150



MAT 5952

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

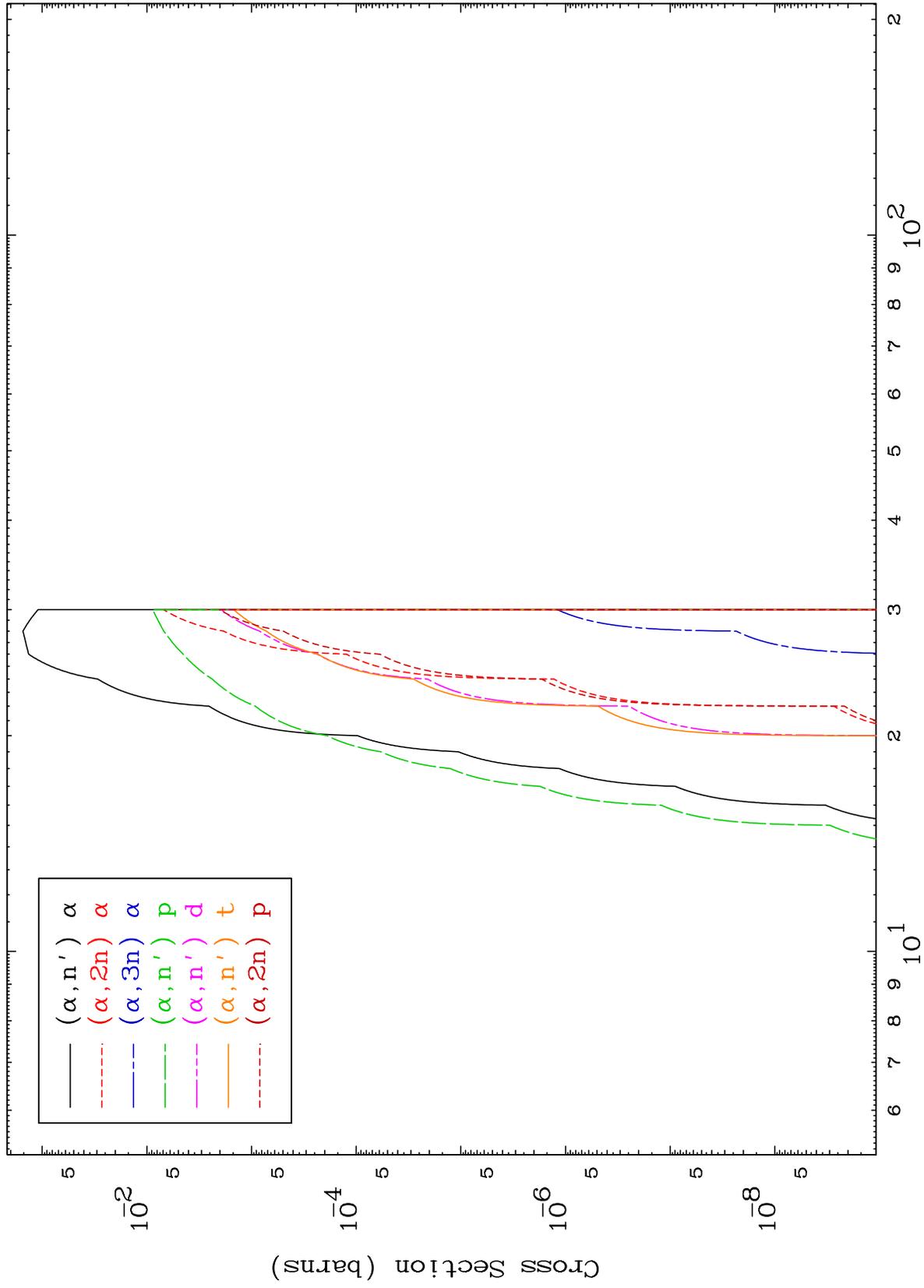
59-Pr-150

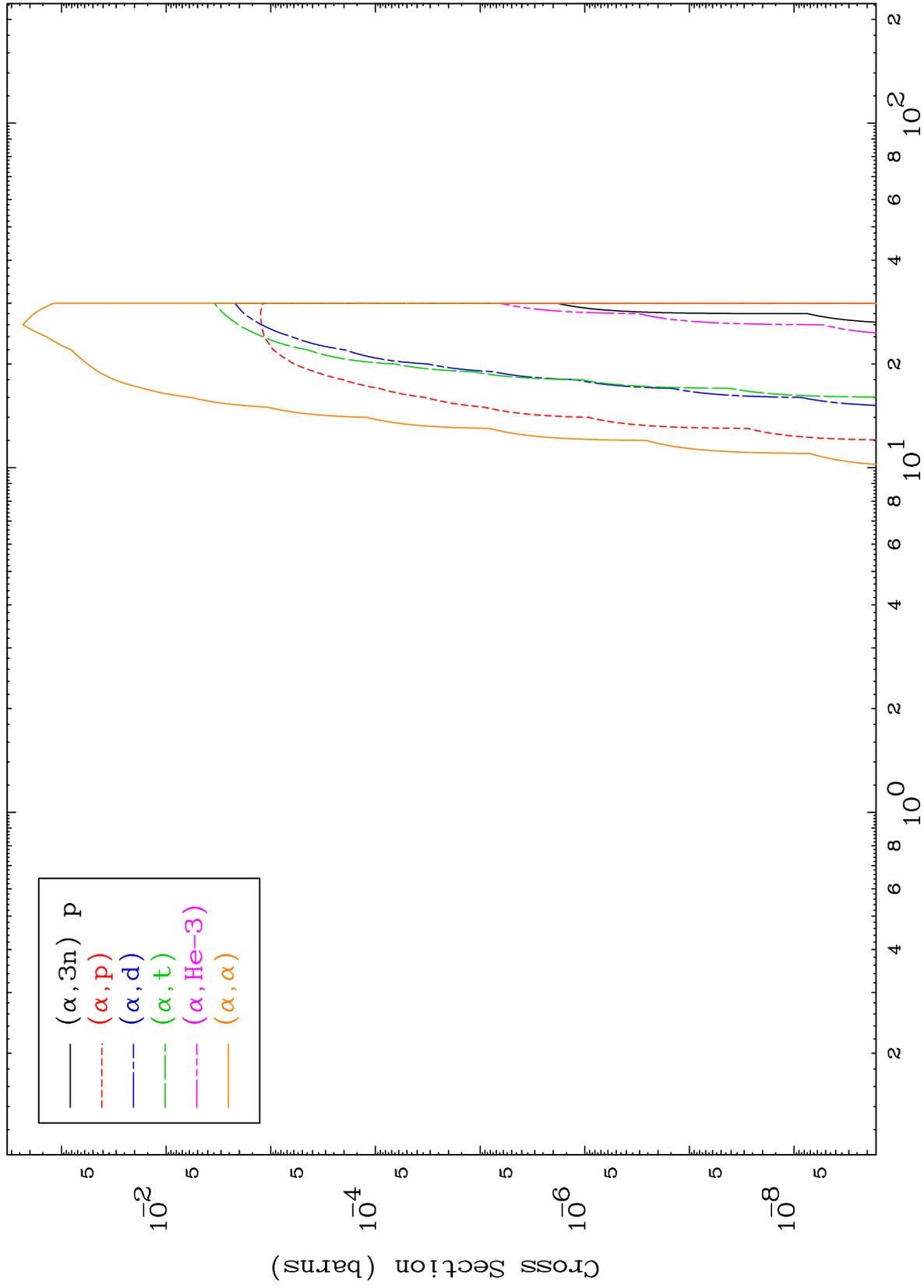


2

Incident Energy (MeV)

59-Pr-150

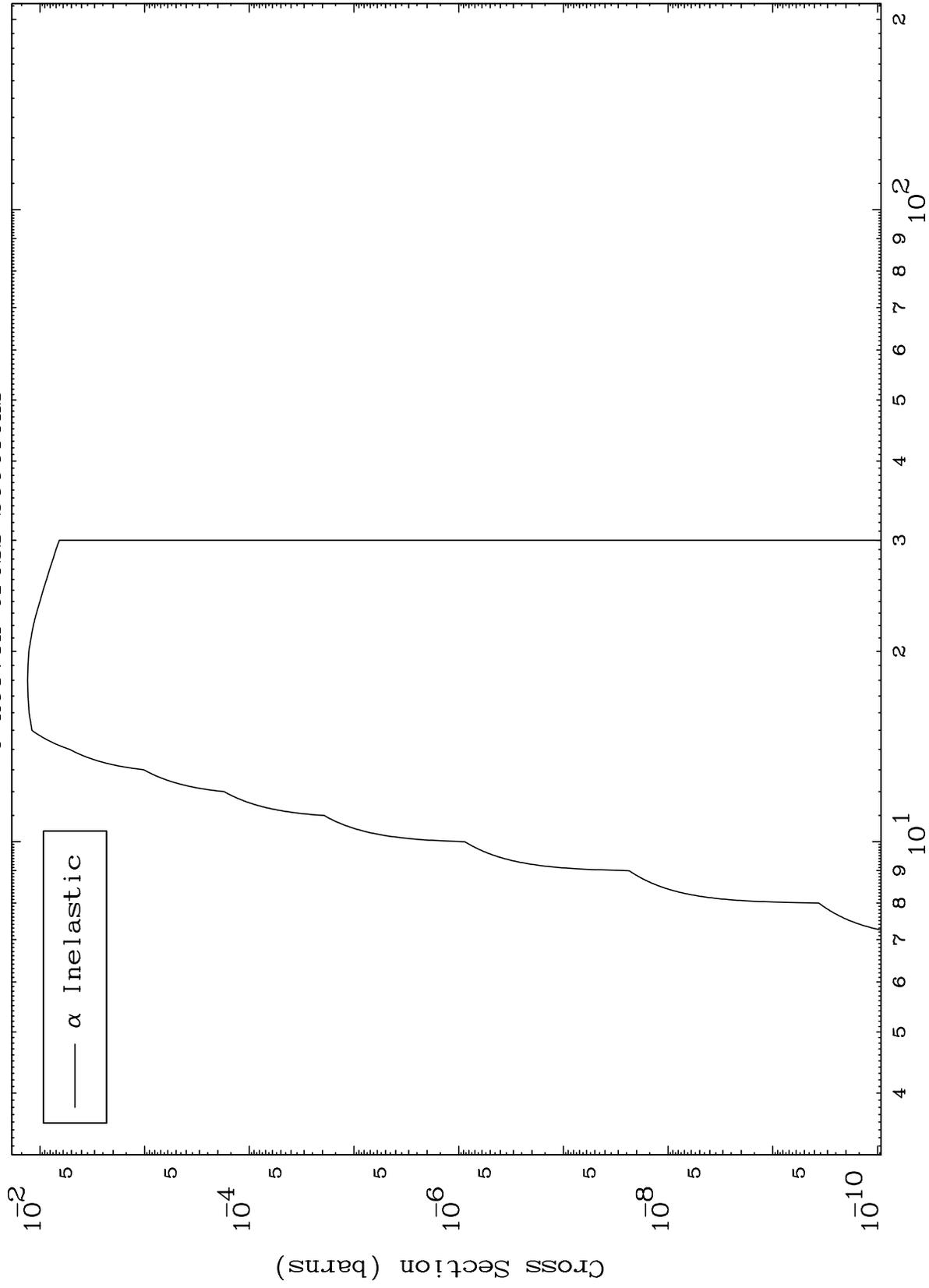




MAT 5952

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

59-Pr-150



5

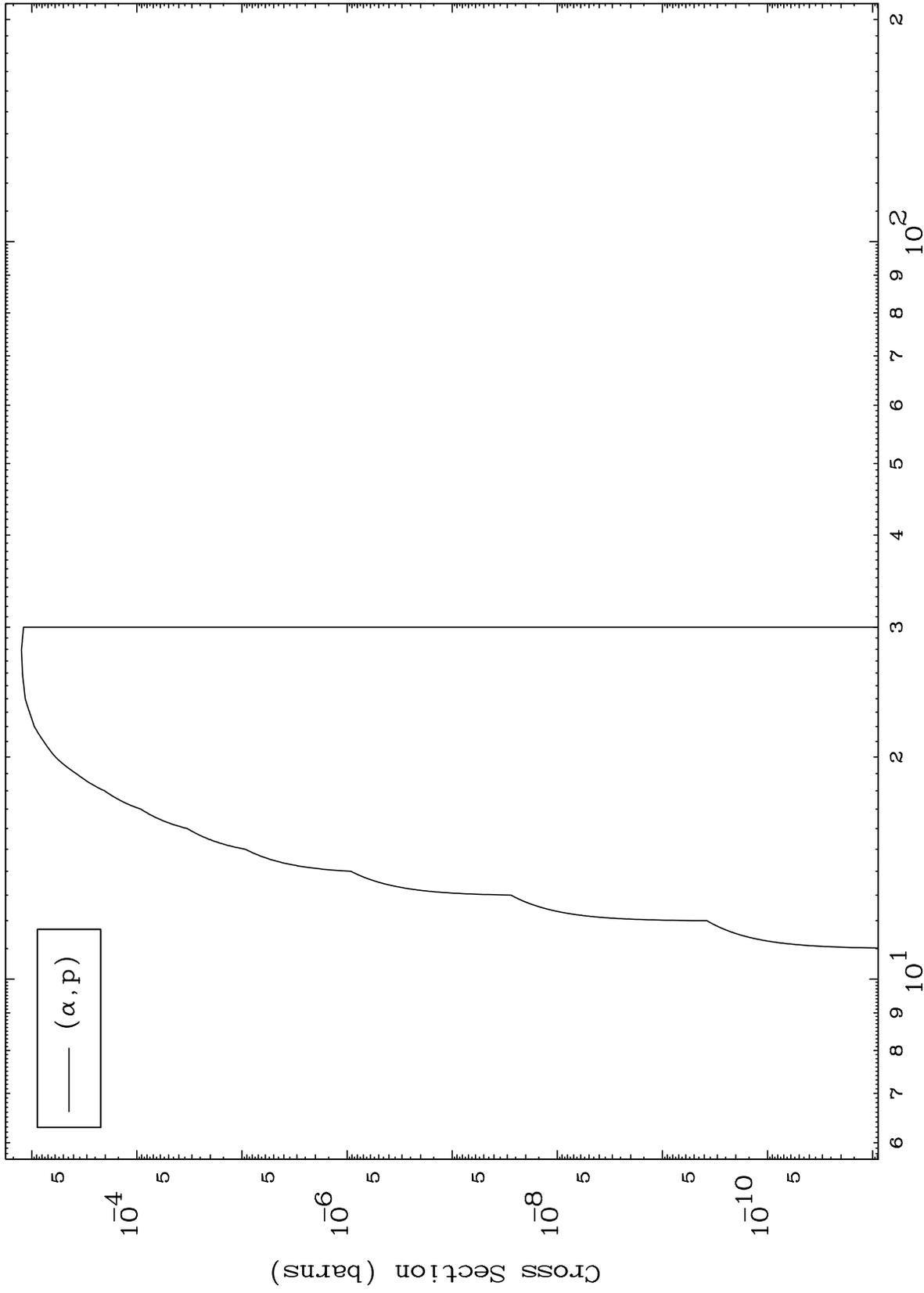
Incident Energy (MeV)

59-Pr-150

MAT 5952

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

59-Pr-150



6

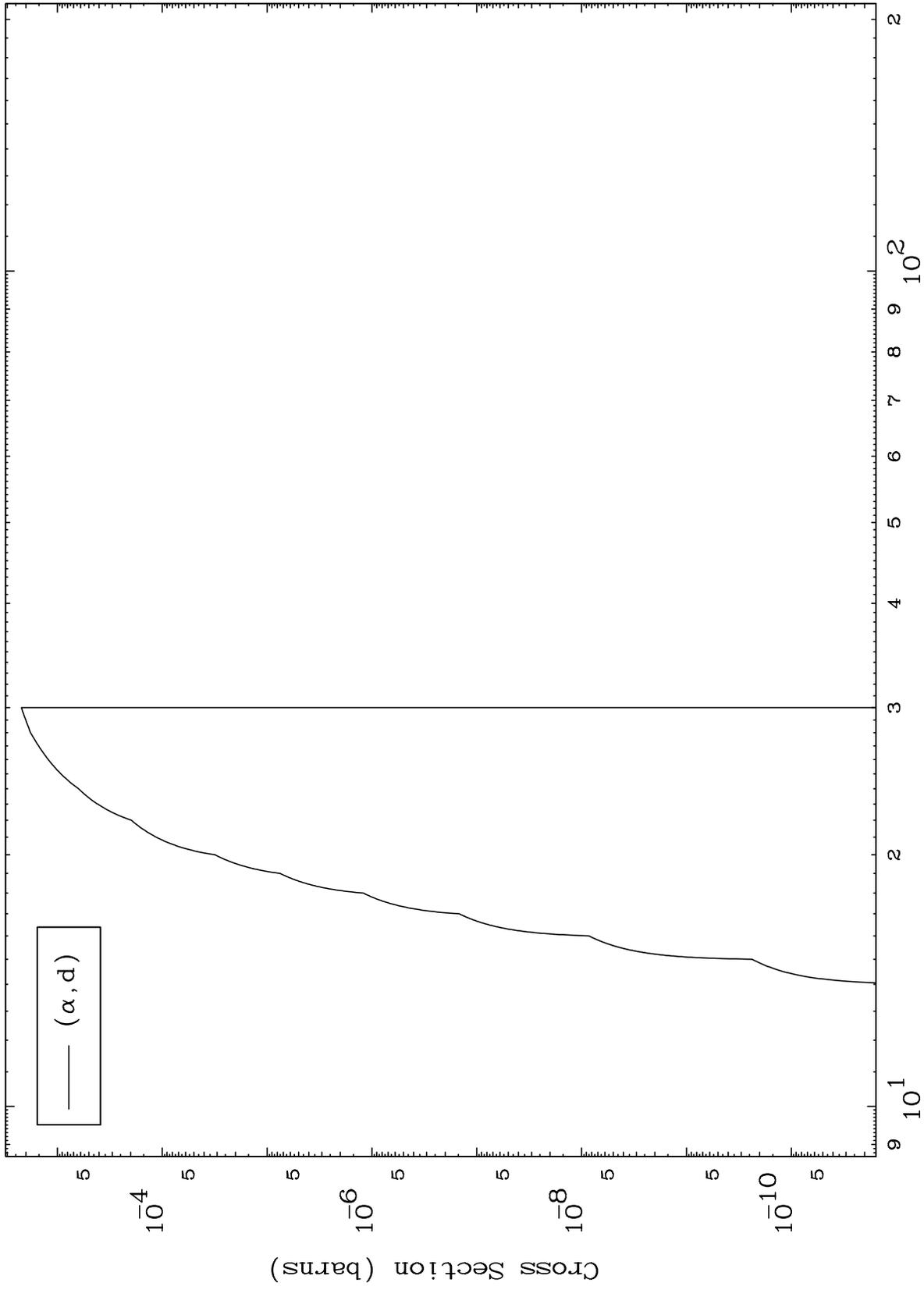
Incident Energy (MeV)

59-Pr-150

MAT 5952

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

59-Pr-150



9 10<sup>1</sup>

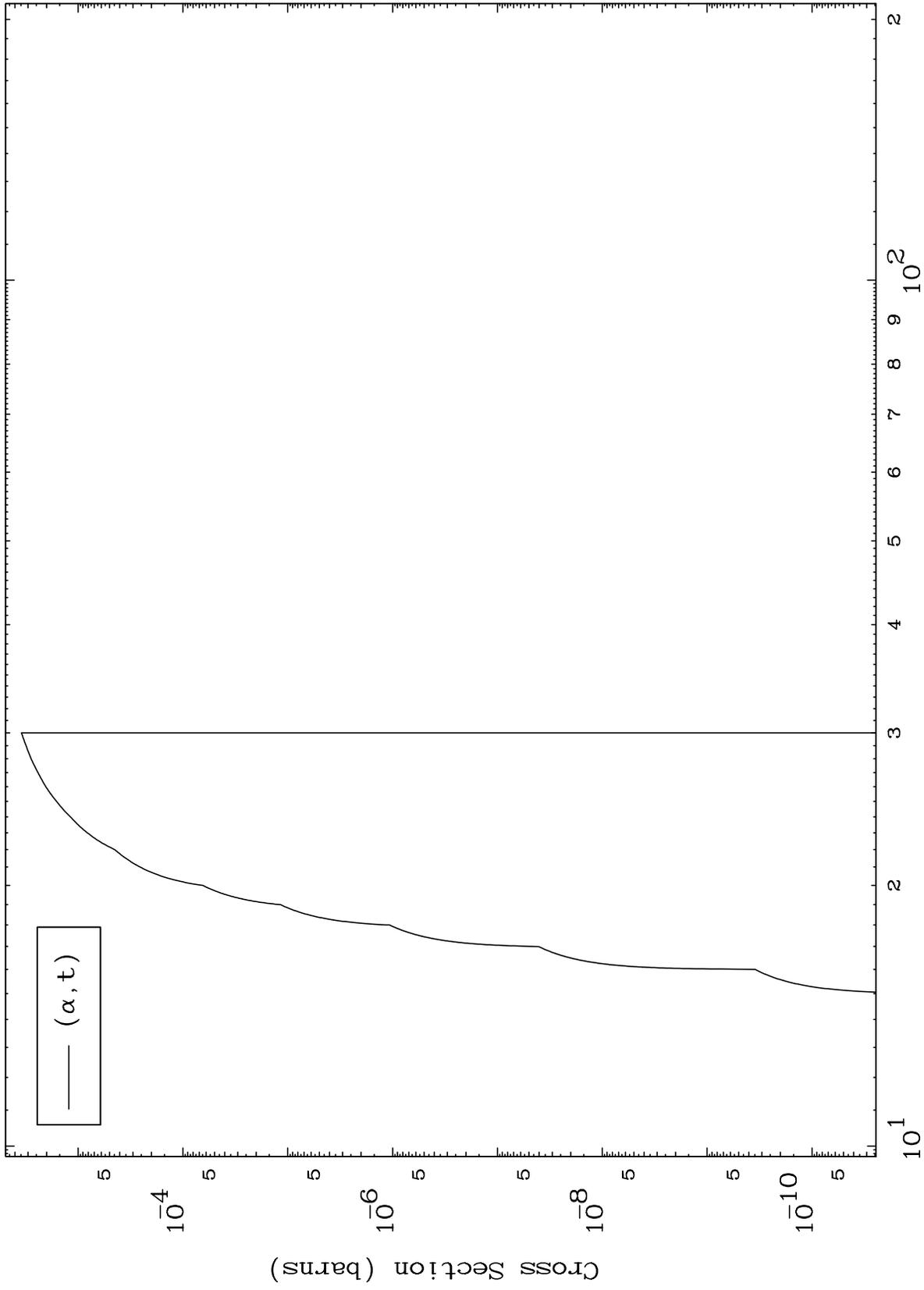
Incident Energy (MeV)

59-Pr-150

MAT 5952

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

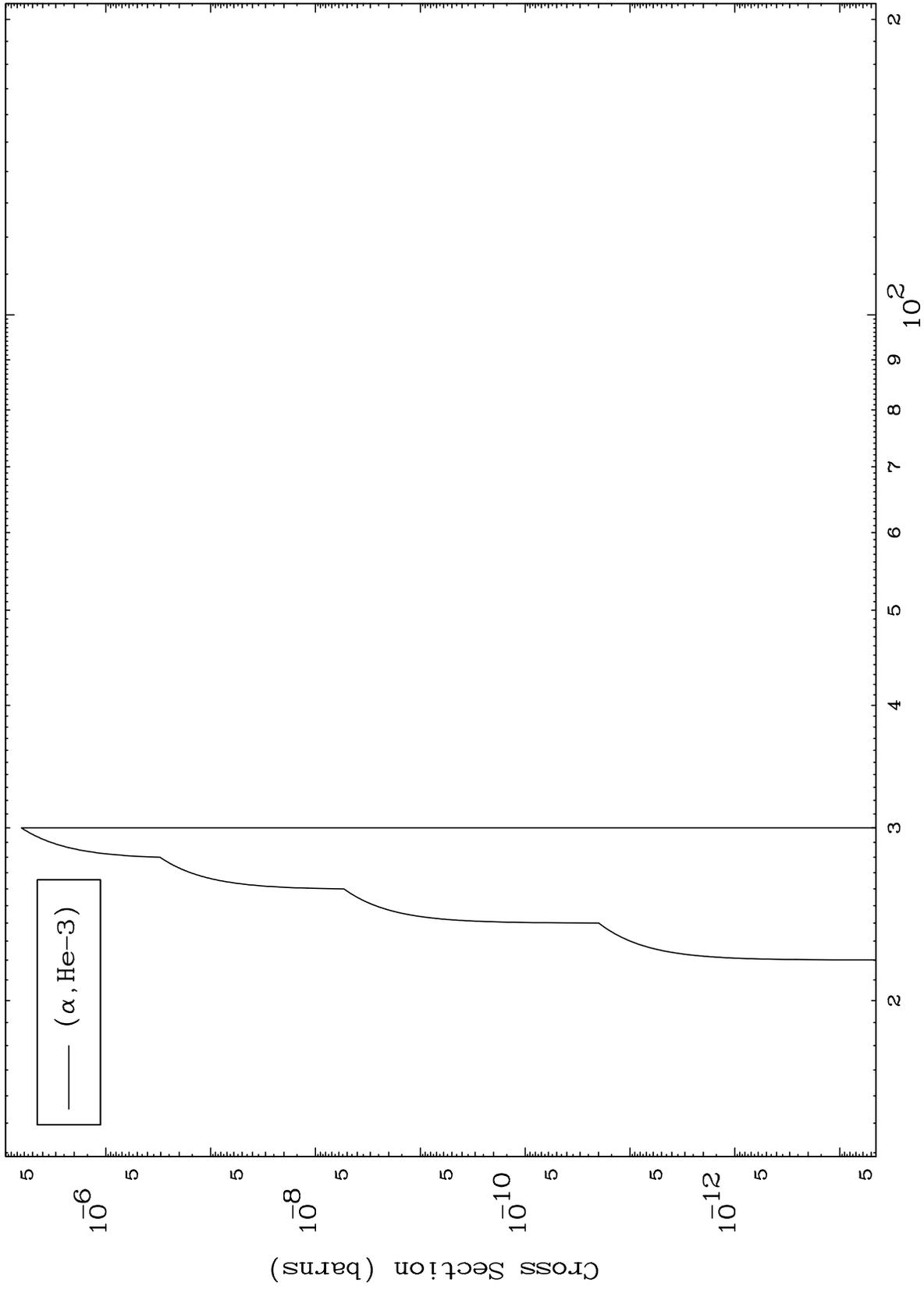
59-Pr-150



8

Incident Energy (MeV)

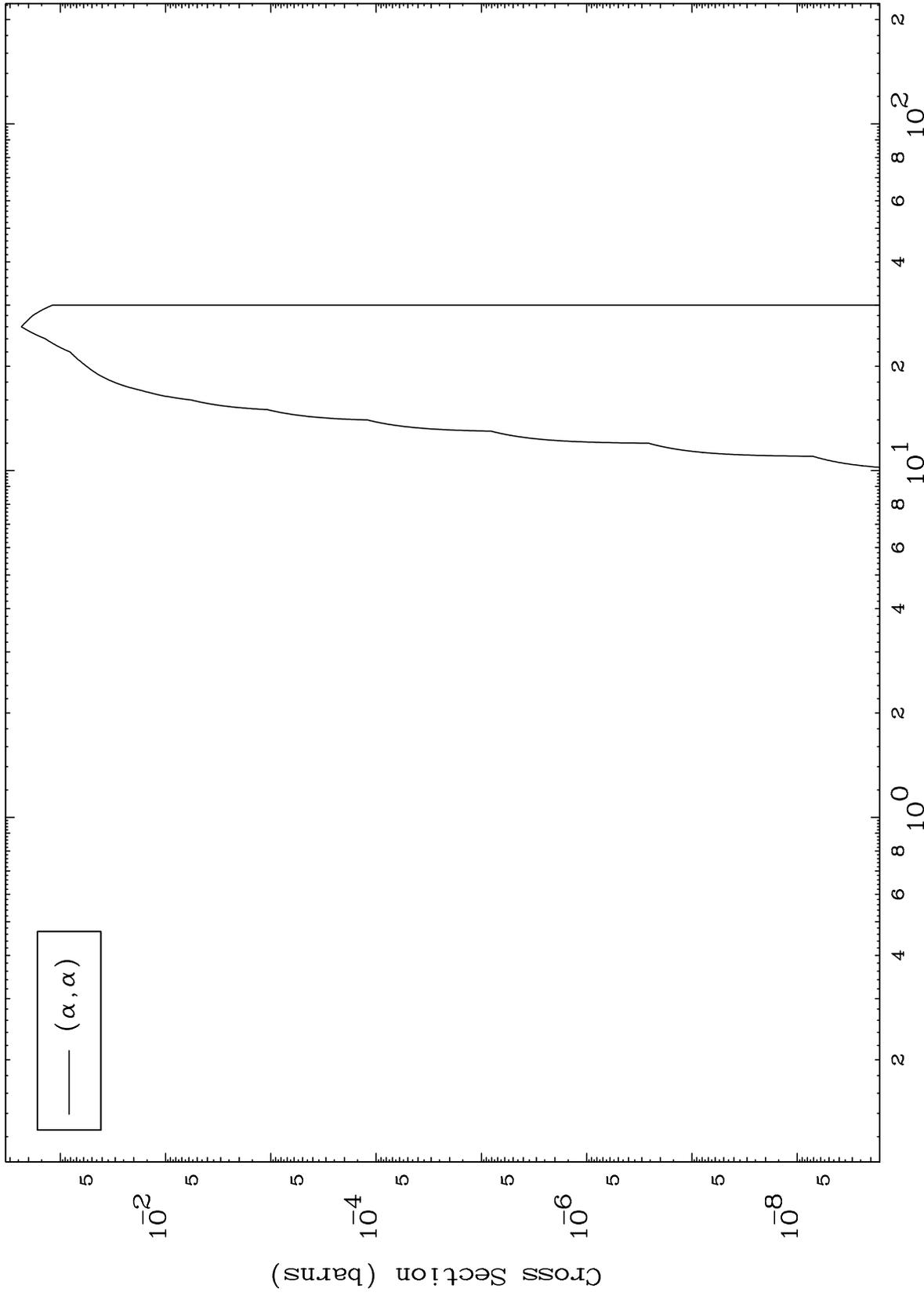
59-Pr-150



MAT 5952

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

59-Pr-150

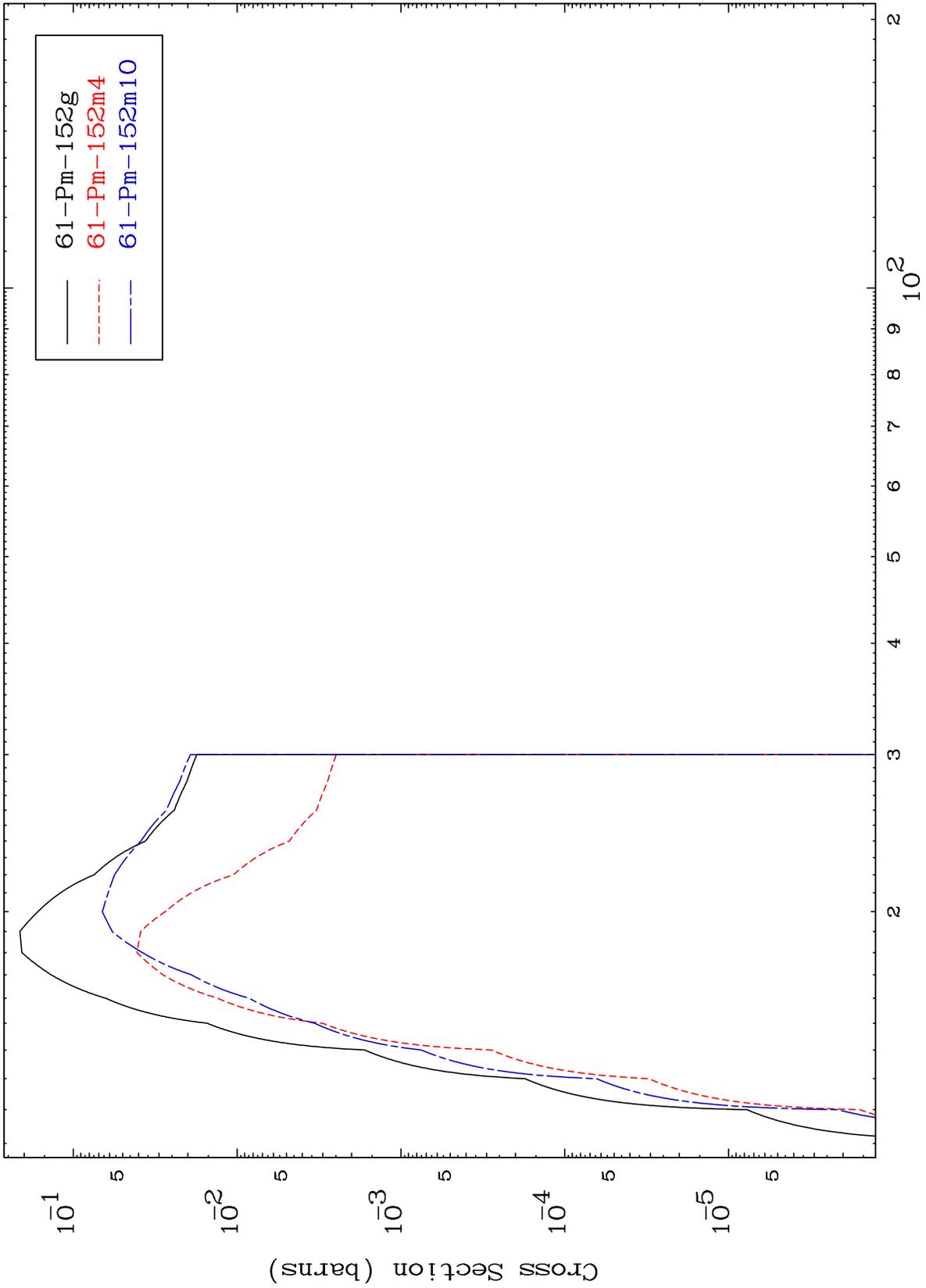


10

Incident Energy (MeV)

59-Pr-150

Radionuclide Production Cross Section  
( $\alpha, 2n$ )

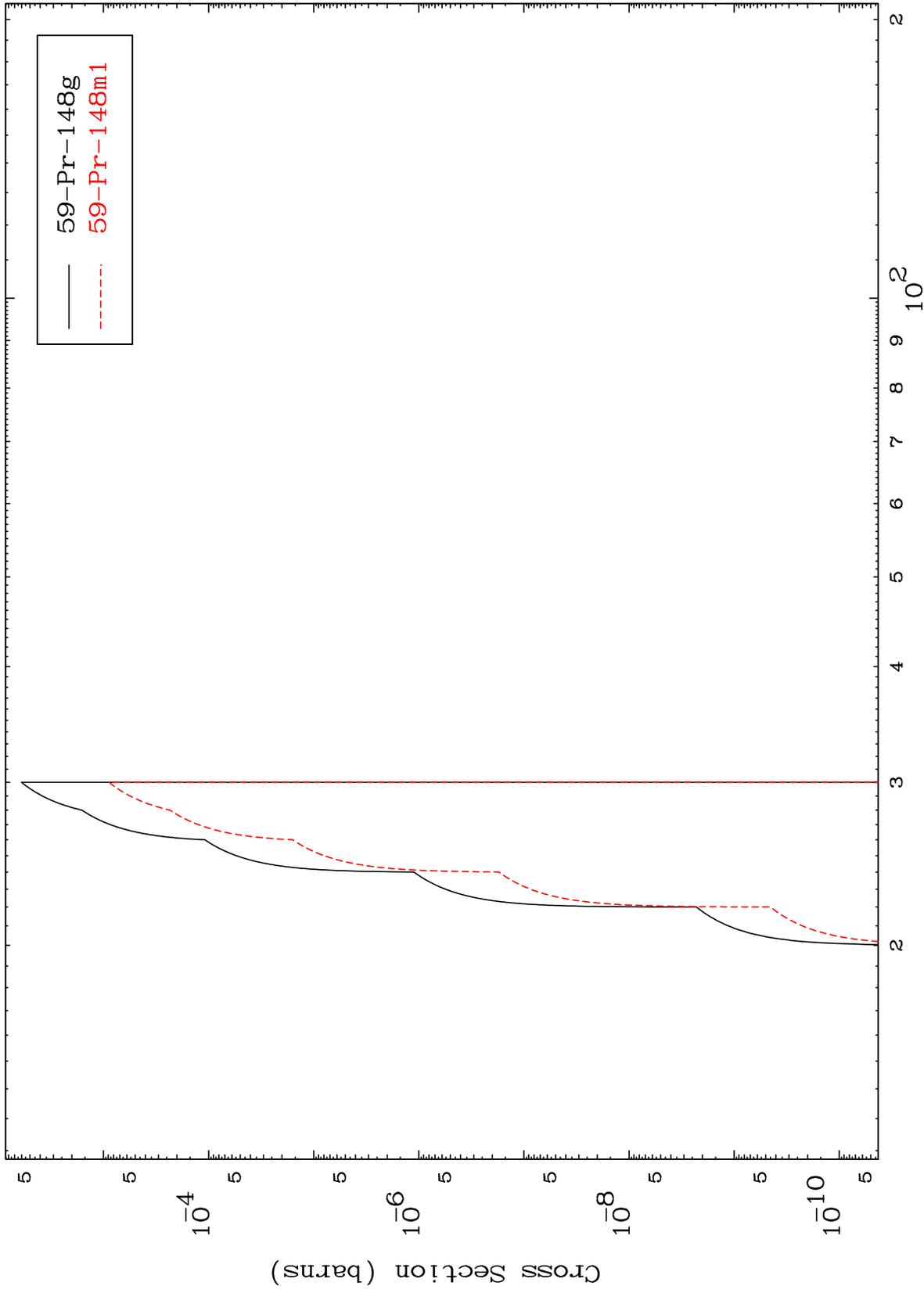


MAT 5952

$(\alpha, 2n) \alpha$

59-Pr-150

Radionuclide Production Cross Section



12

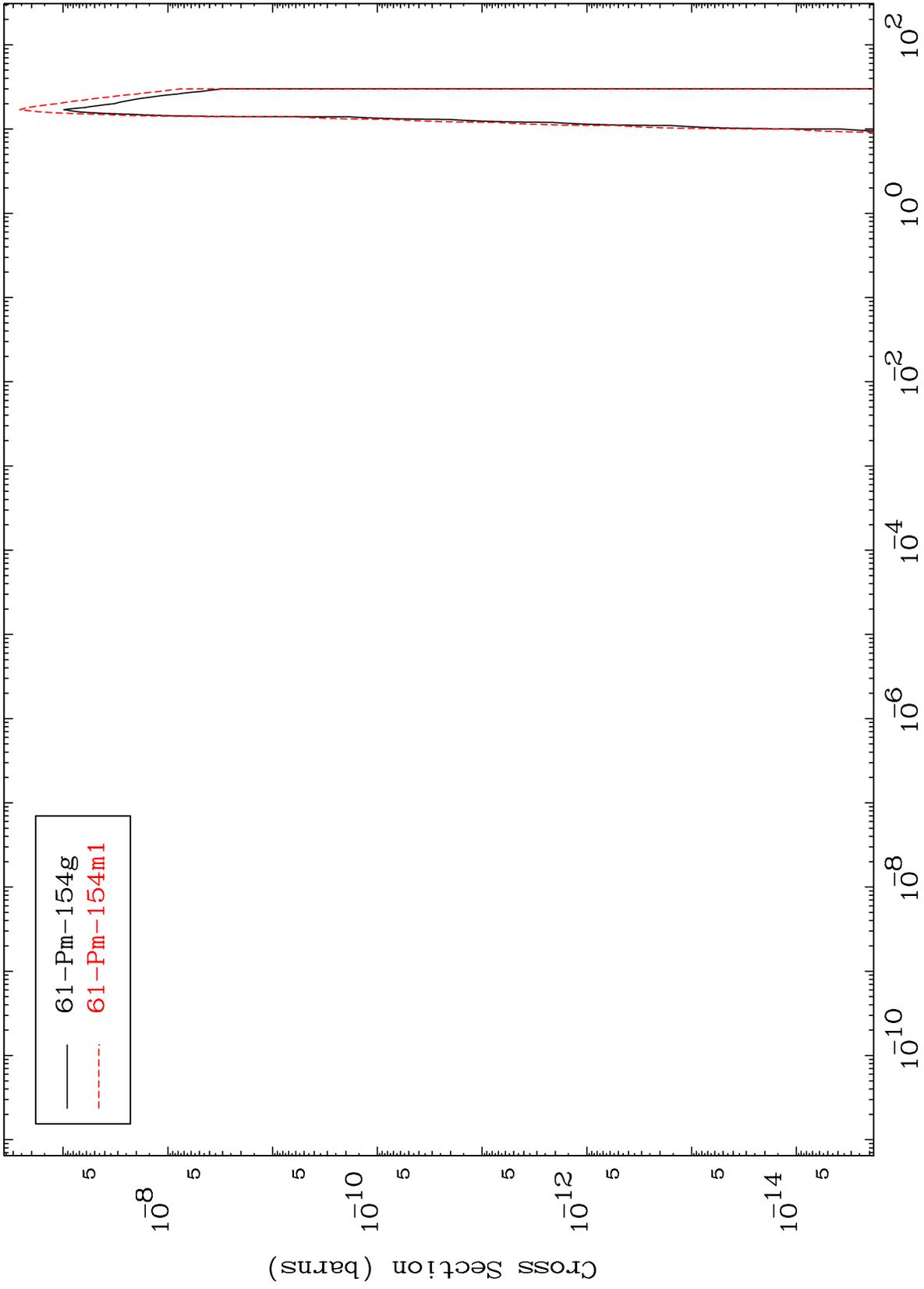
Incident Energy (MeV)

59-Pr-150

MAT 5952

Radionuclide Production Cross Section  
( $\alpha, \gamma$ )

59-Pr-150



59-Pr-150