

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

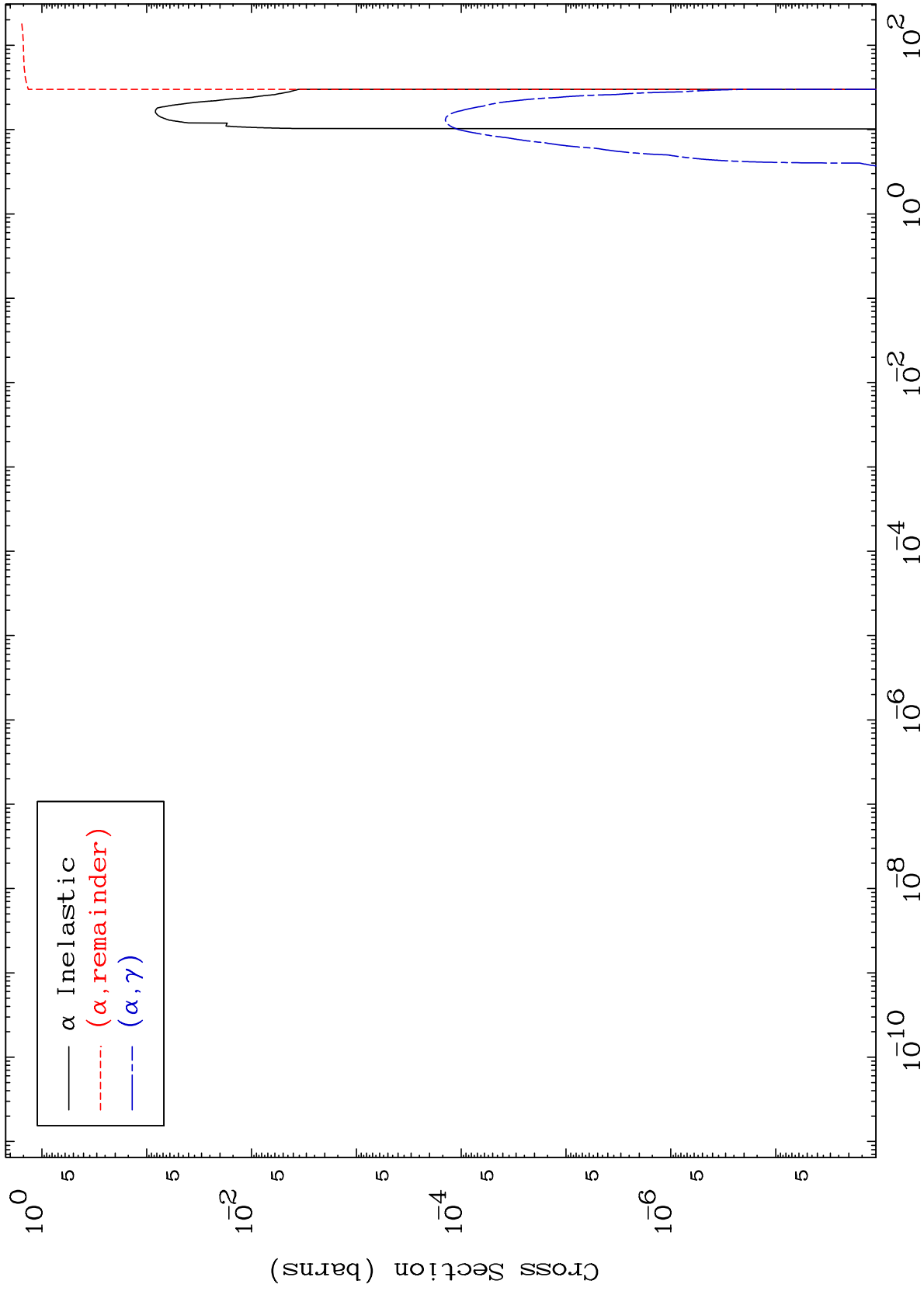
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2825

0 Kelvin  $\alpha$  Major  
Cross Sections

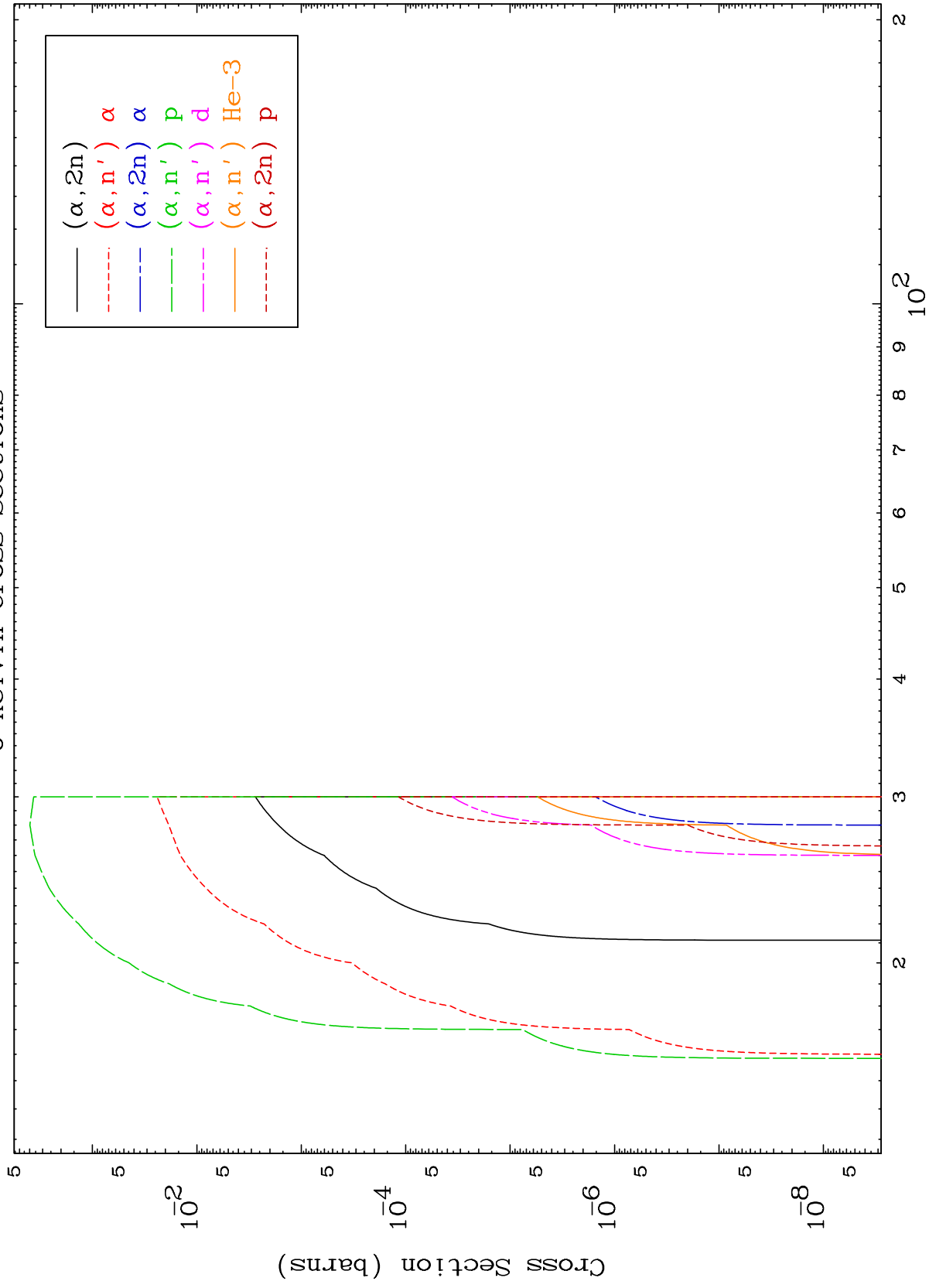
28-Ni-58



MAT 2825

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

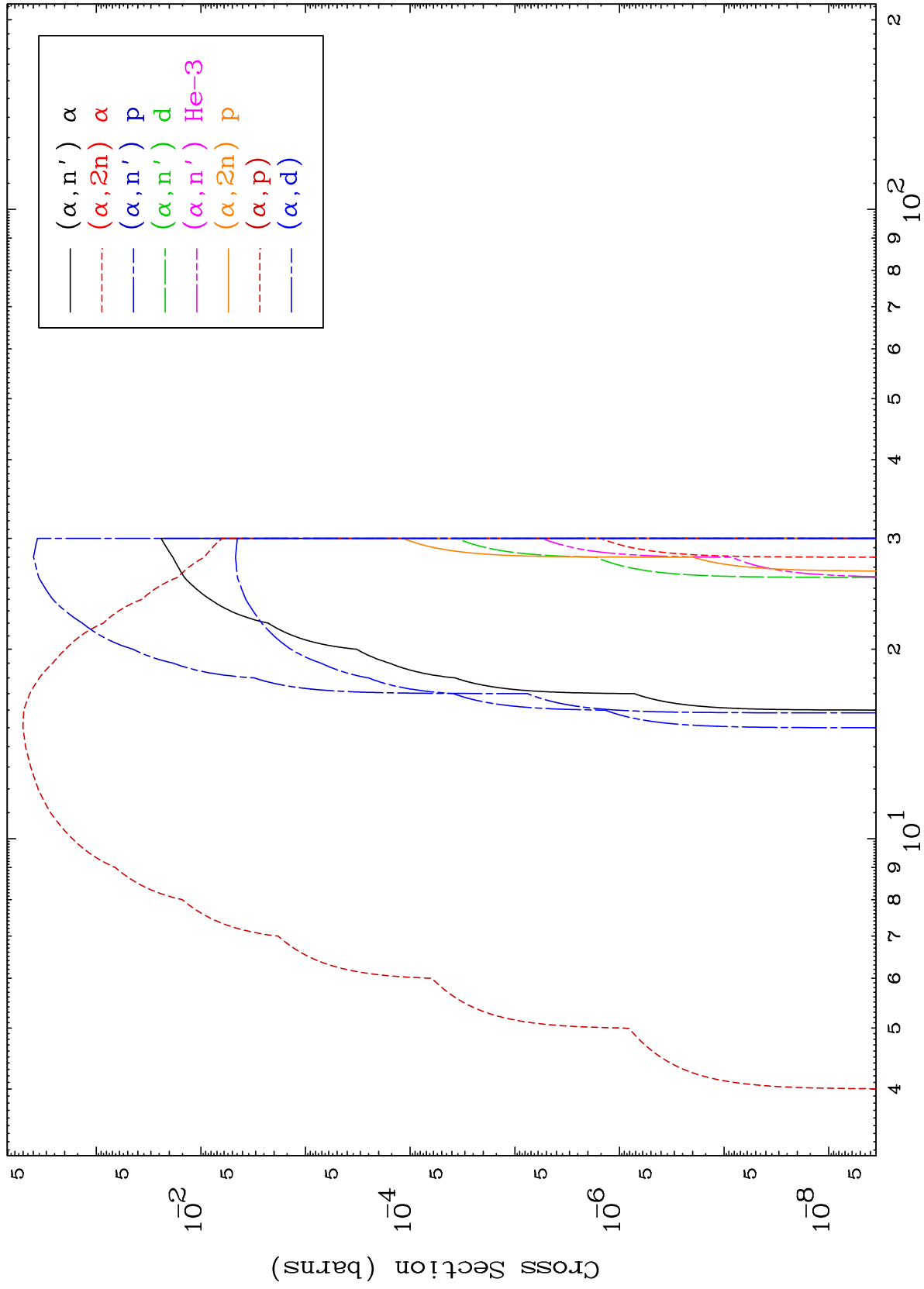
28-Ni-58

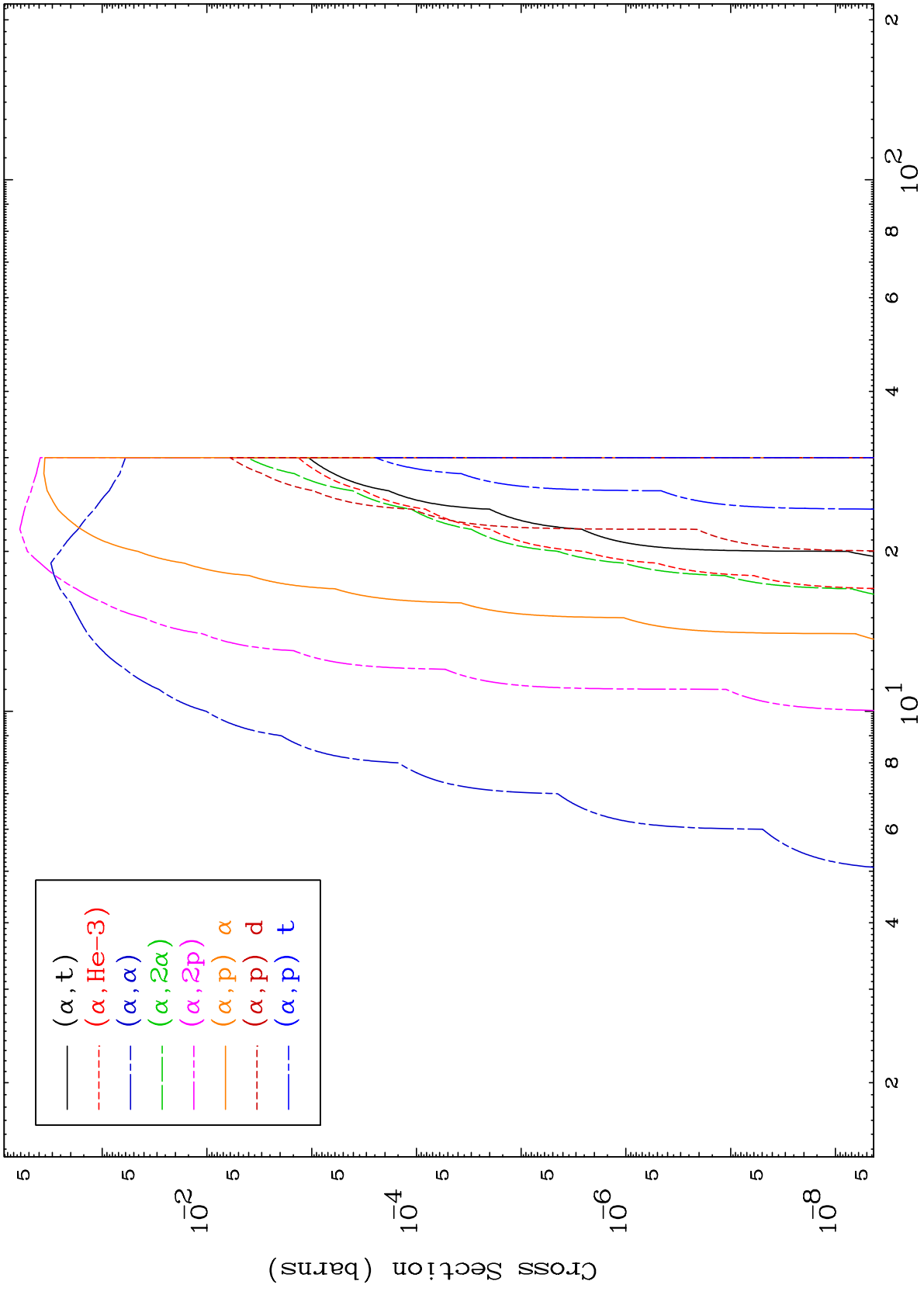


2

Incident Energy (MeV)

28-Ni-58

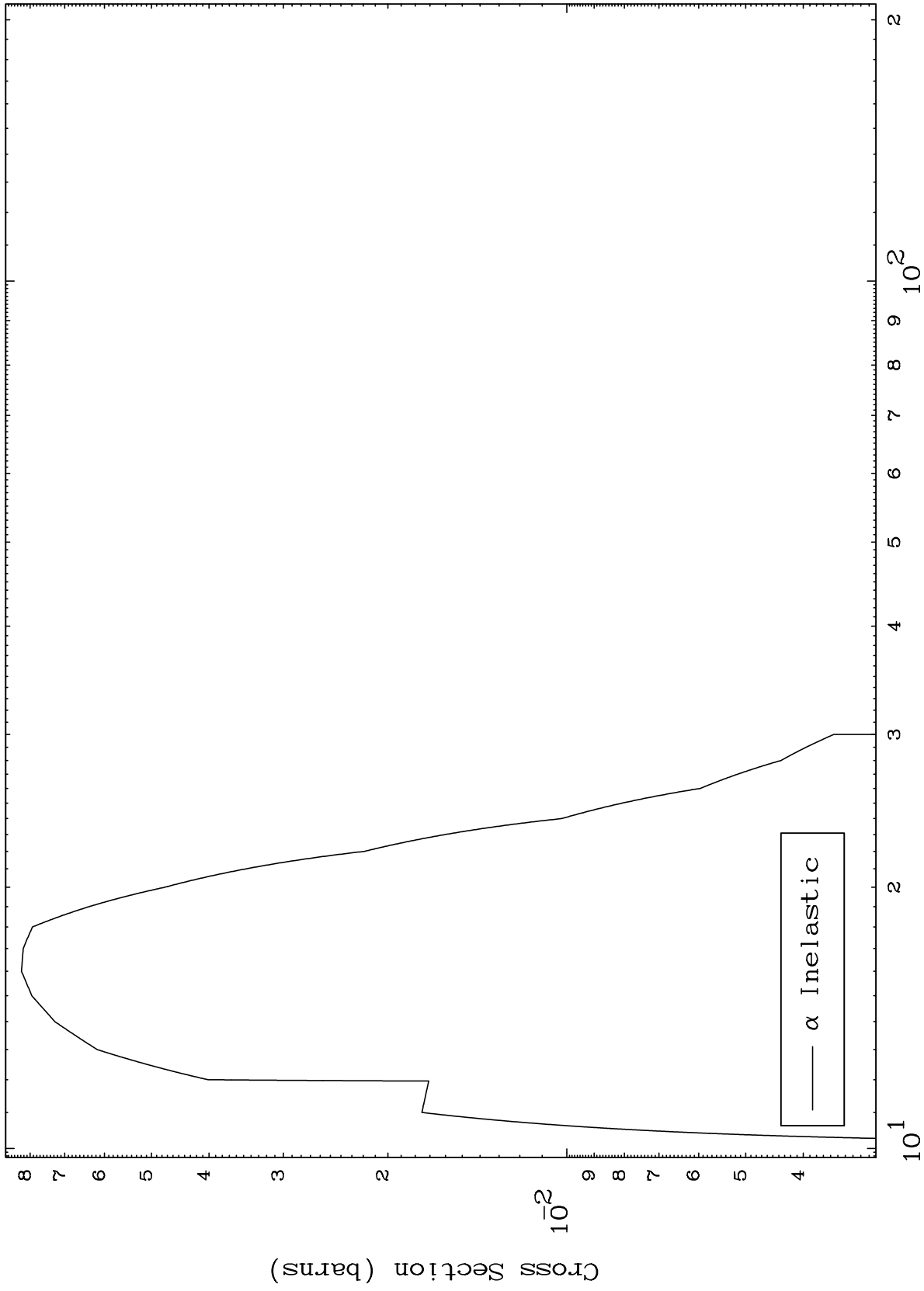




MAT 2825

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

28-Ni-58



10<sup>1</sup>

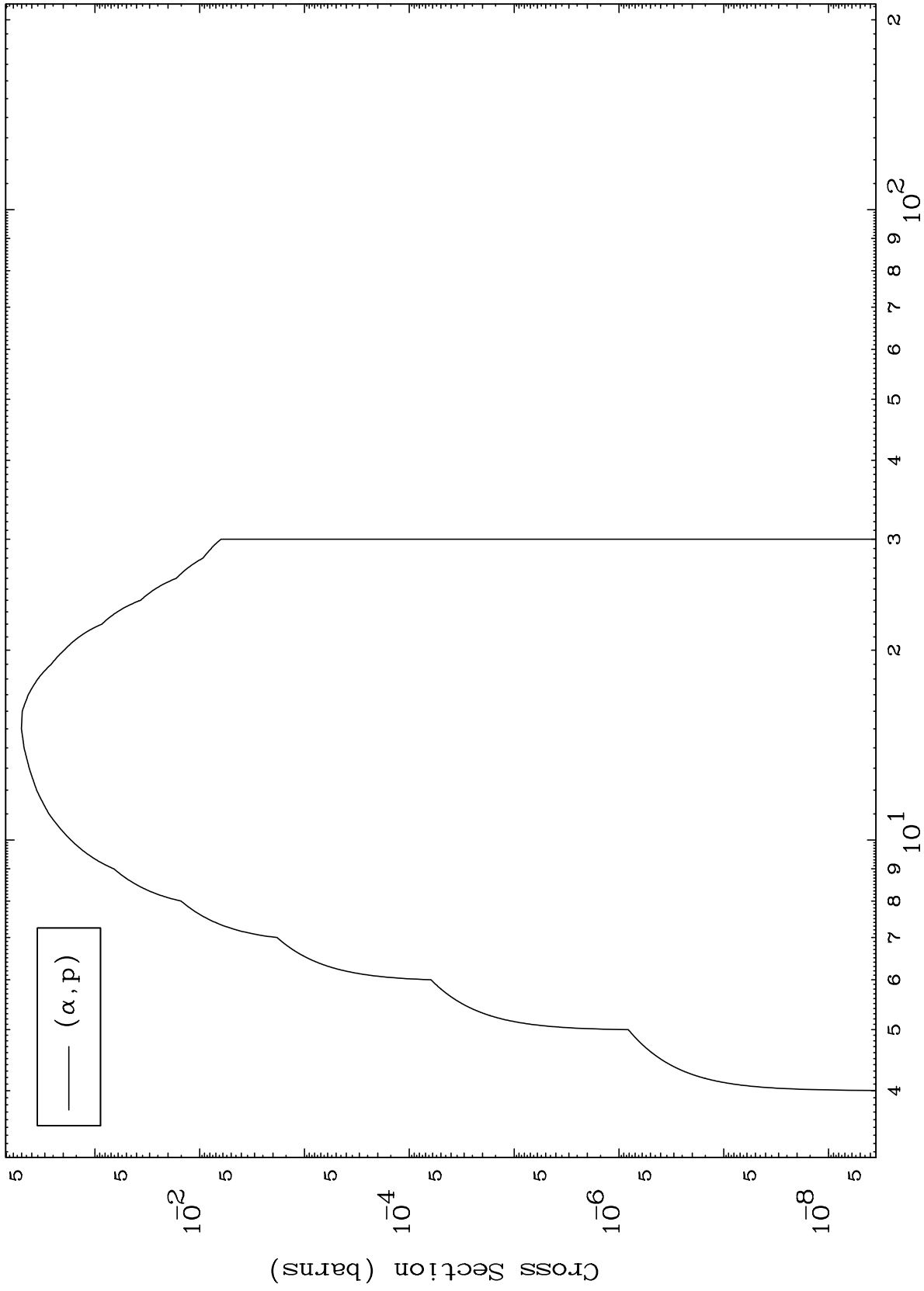
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



6

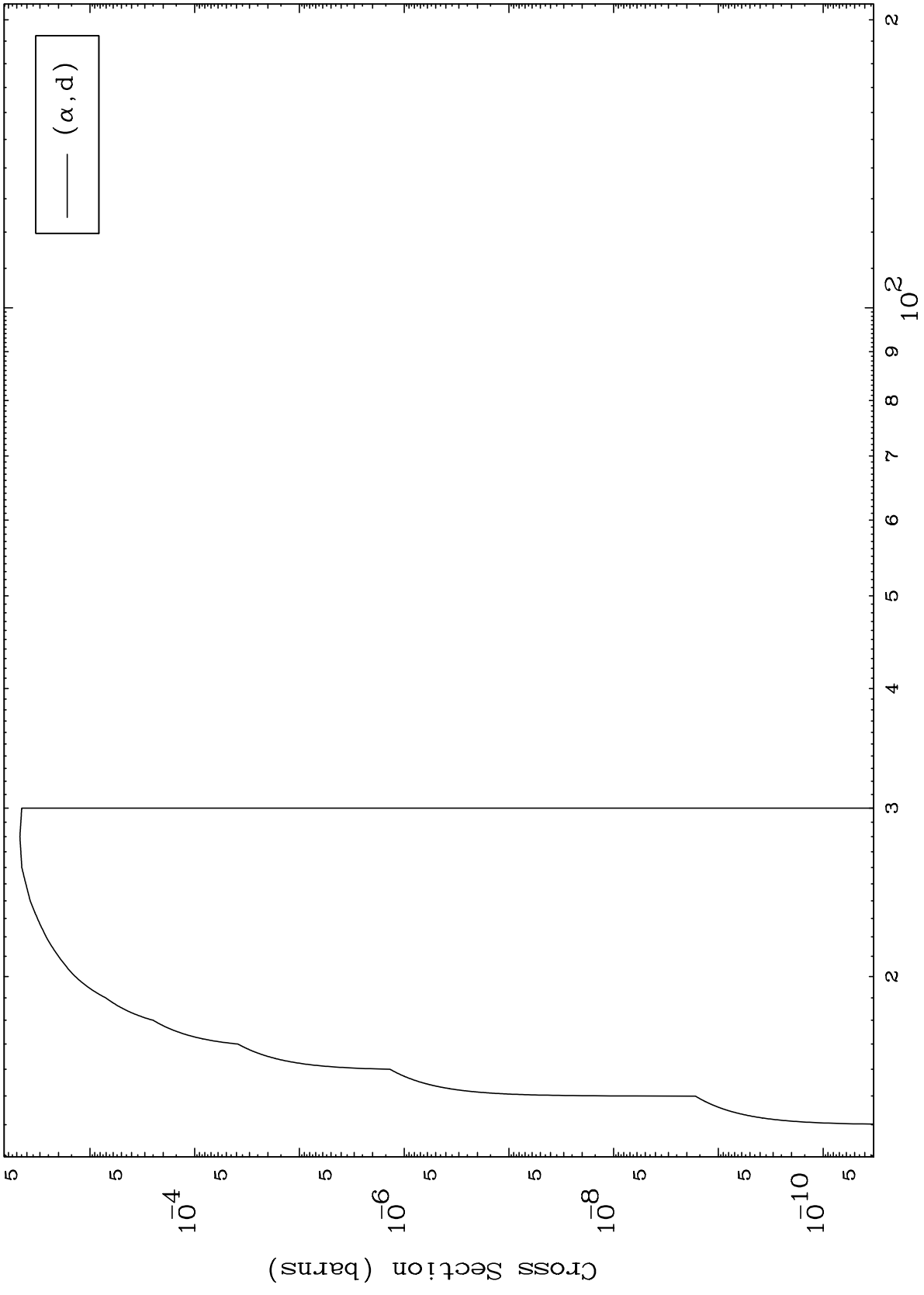
Incident Energy (MeV)

28-Ni-58

MAT 2825

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

28-Ni-58



7

Incident Energy (MeV)

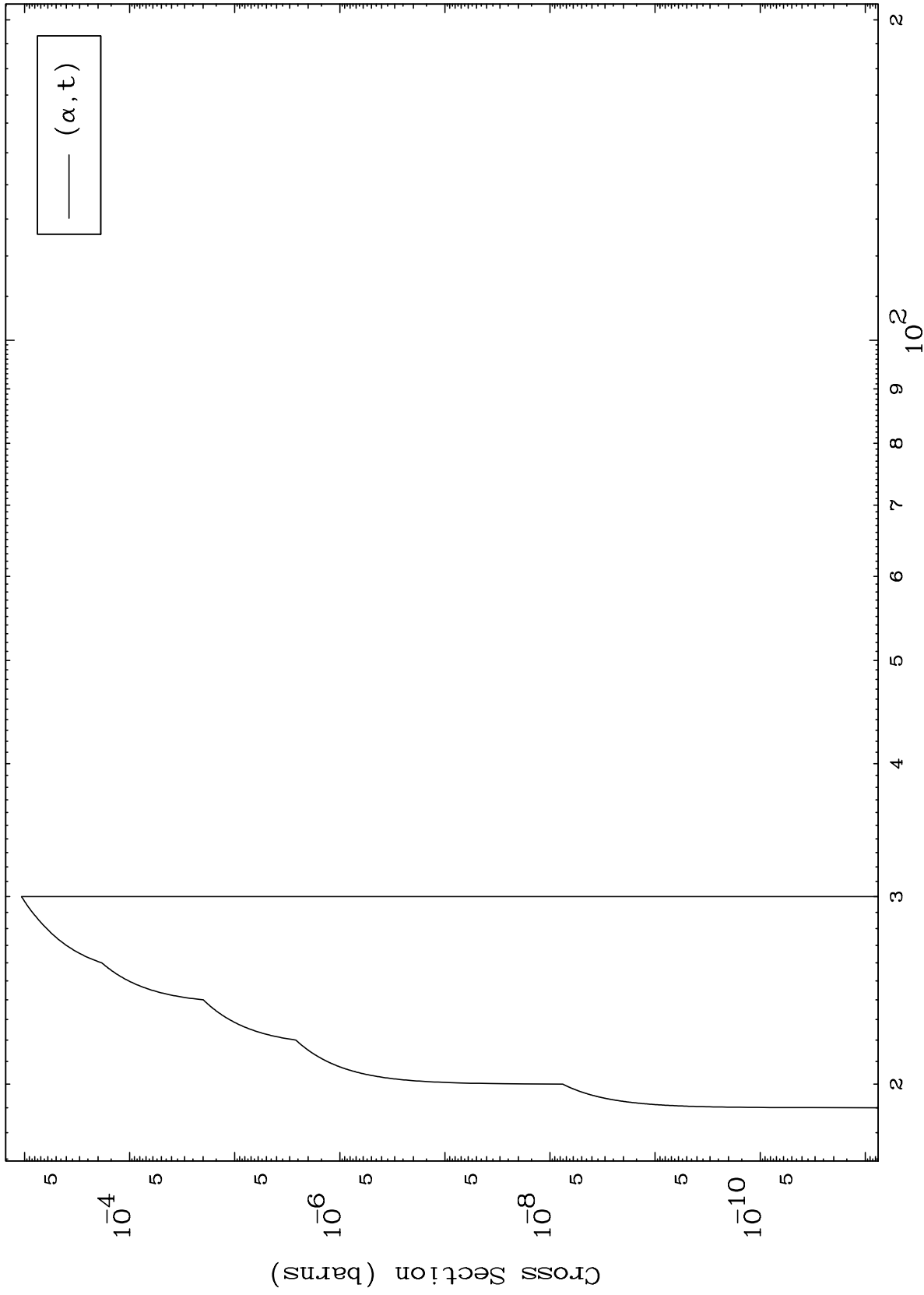
28-Ni-58



MAT 2825

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

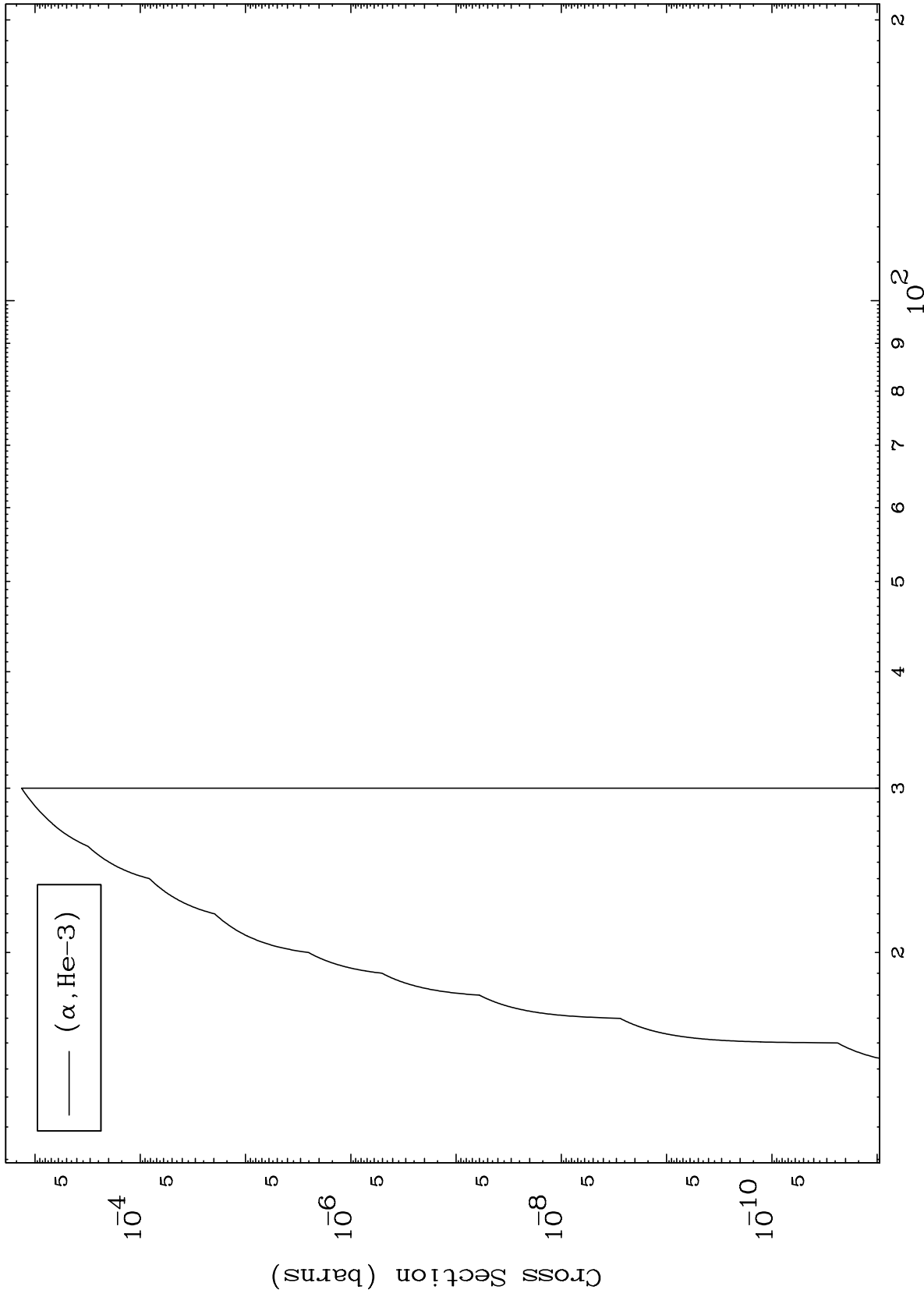
28-Ni-58



8

Incident Energy (MeV)

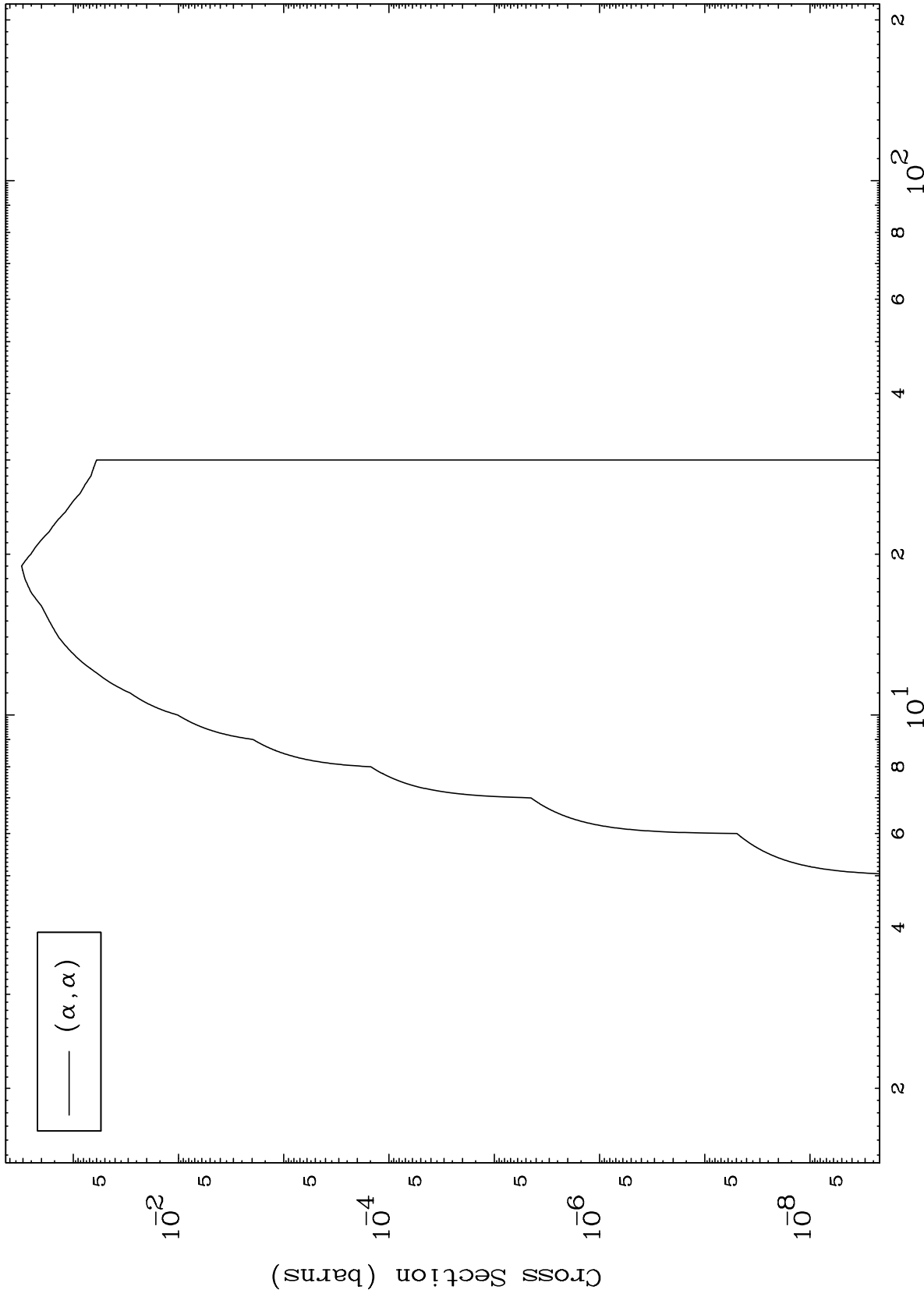
28-Ni-58



MAT 2825

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

28-Ni-58



10

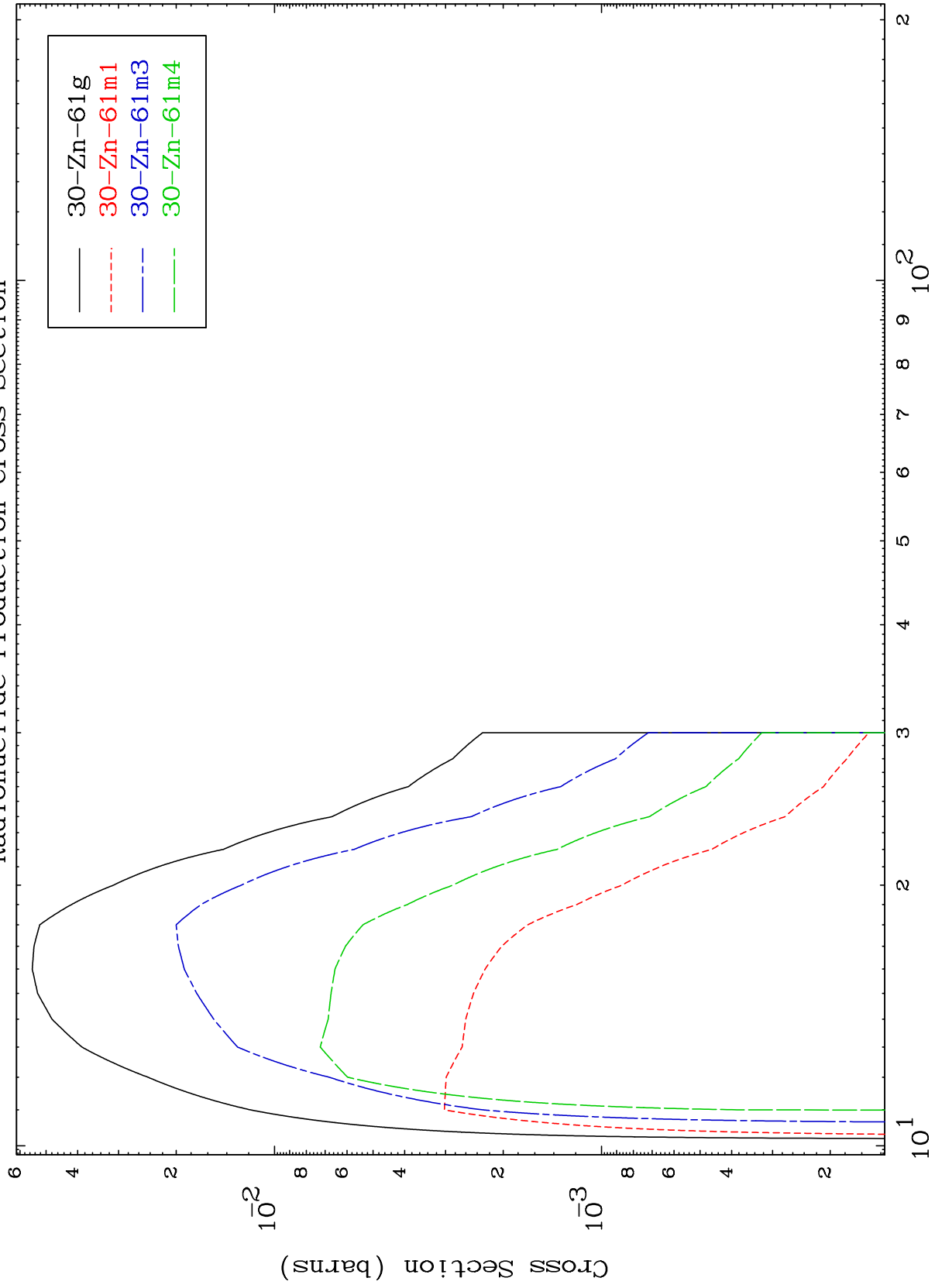
Incident Energy (MeV)

28-Ni-58

MAT 2825

$\alpha$  Inelastic  
Radionuclide Production Cross Section

28-Ni-58



10<sup>1</sup>

Incident Energy (MeV)

10<sup>2</sup>

28-Ni-58