

Program EVALPLOT  
(Version 2021-1)

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

Web:redcullen1.net/HOMEPAGE.NEW

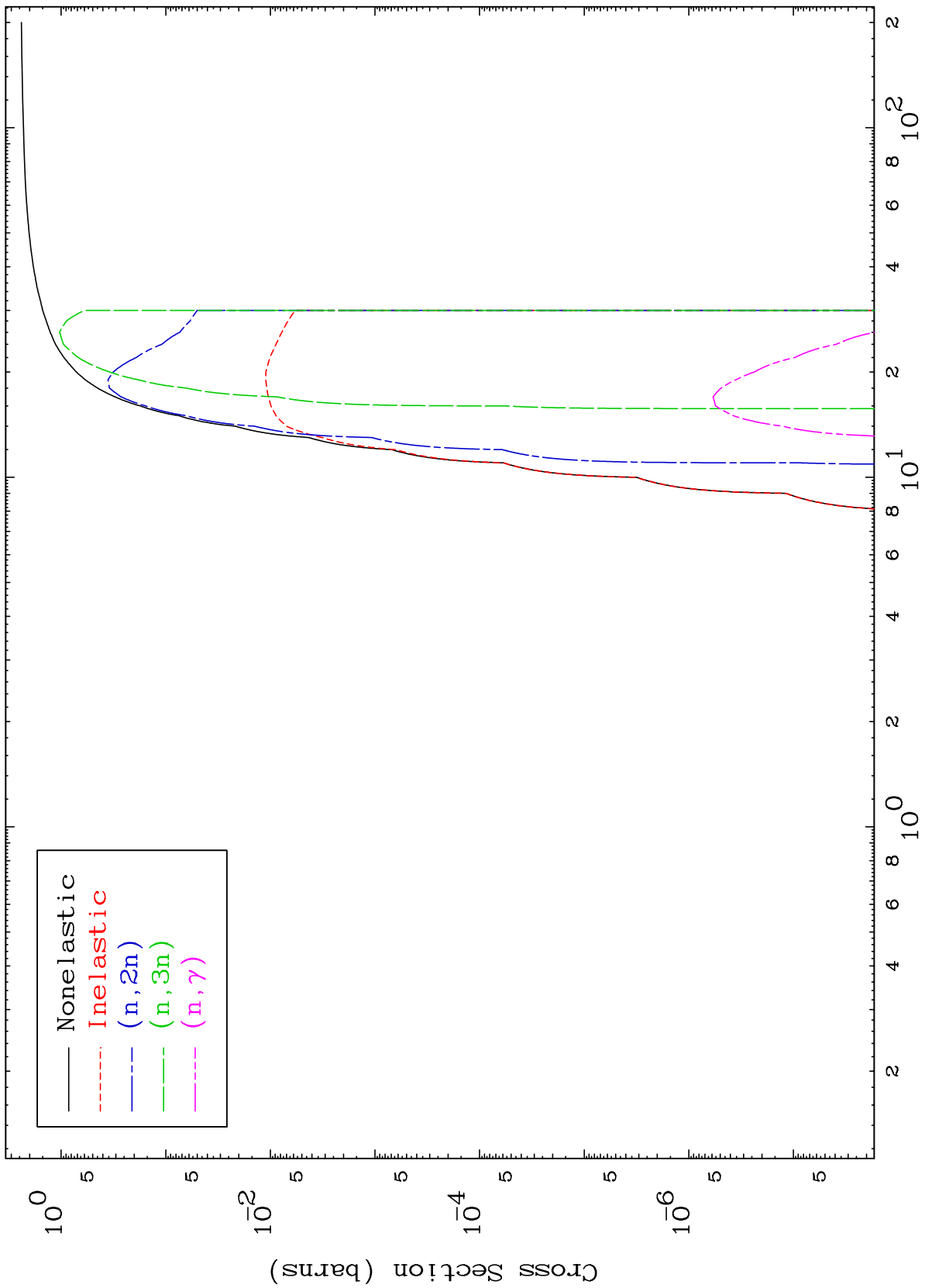
Press Mouse Button to Start

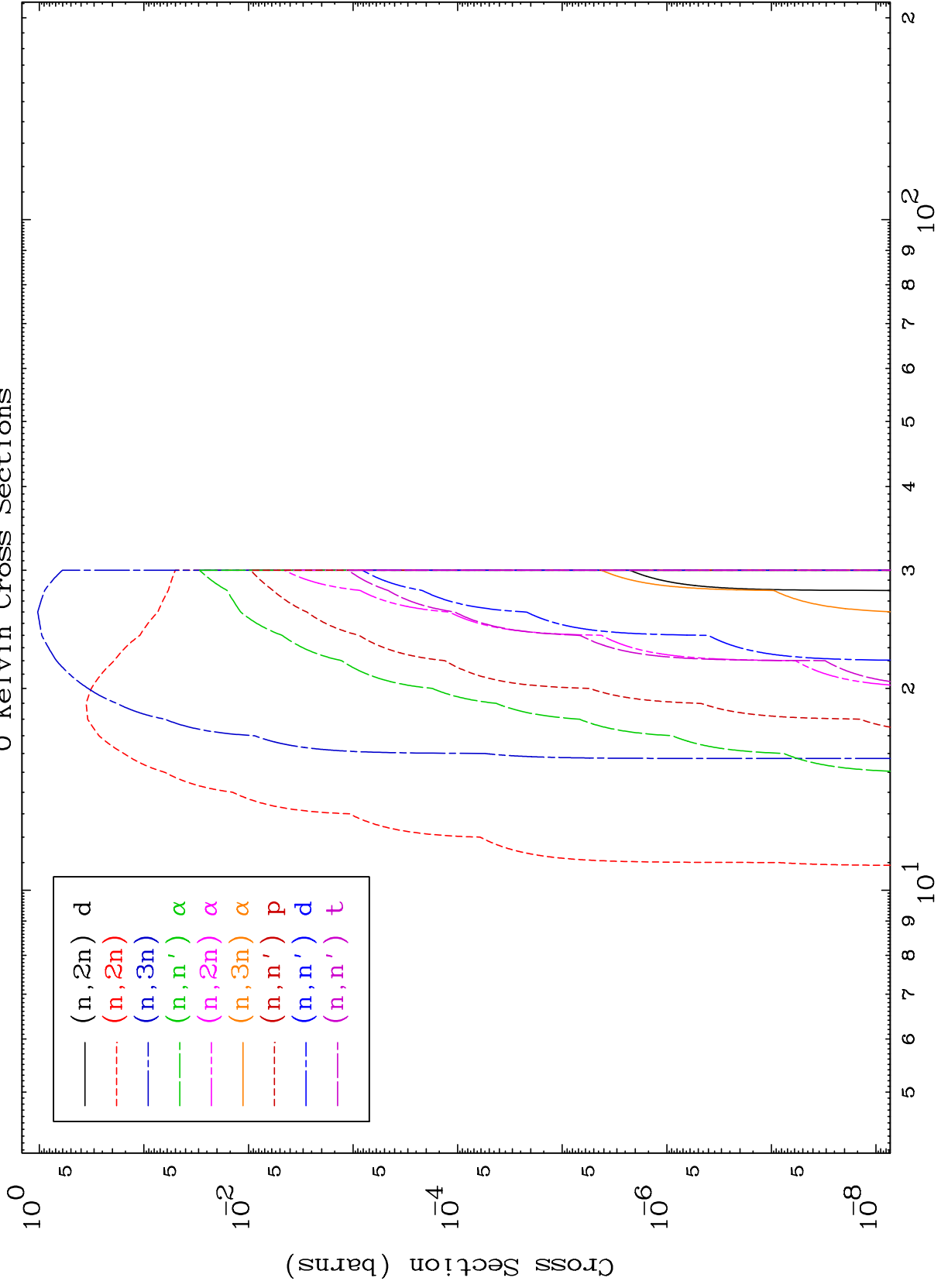
MAT 5664

$\alpha$  Major

56-Ba-143

0 Kelvin Cross Sections

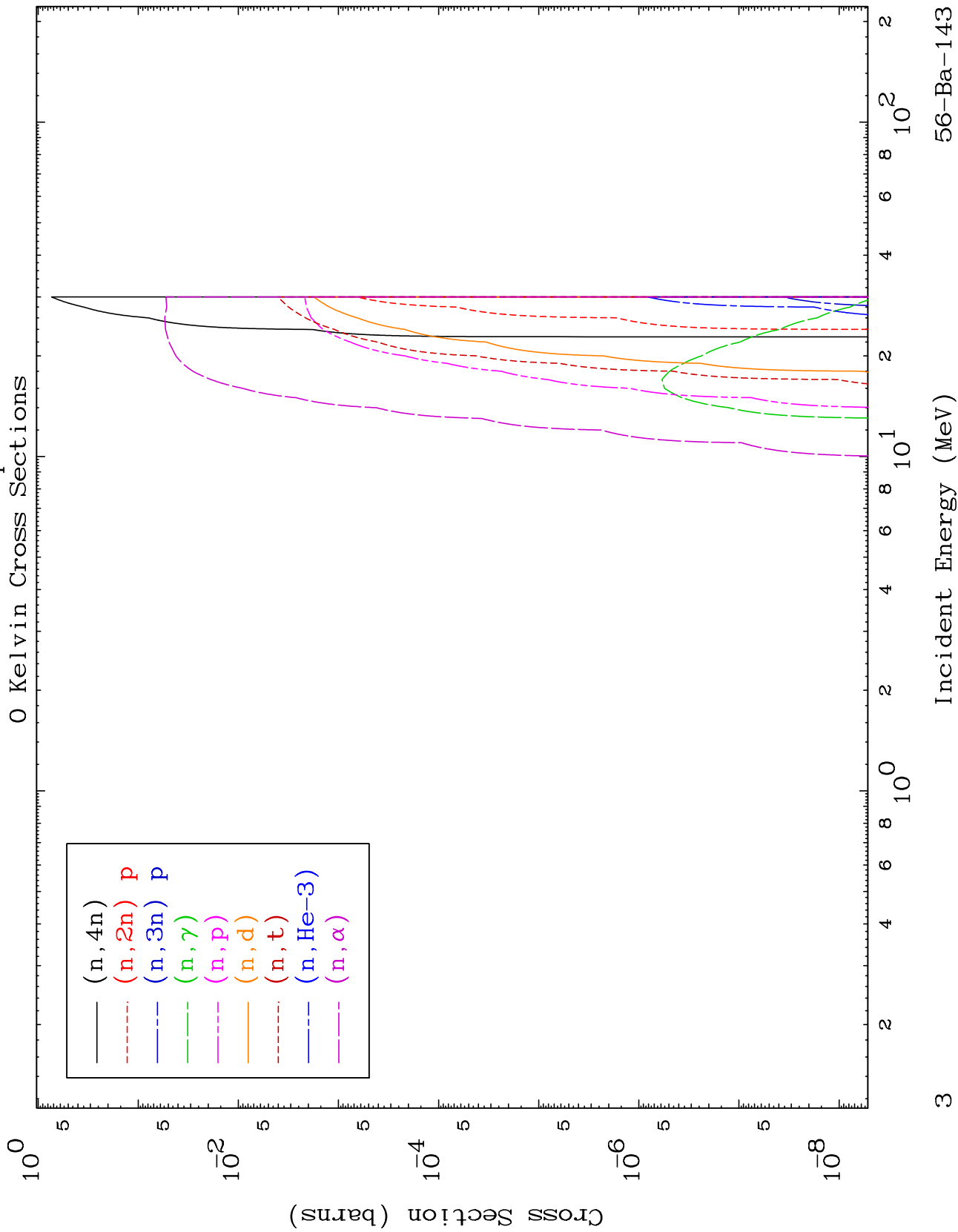




MAT 5664

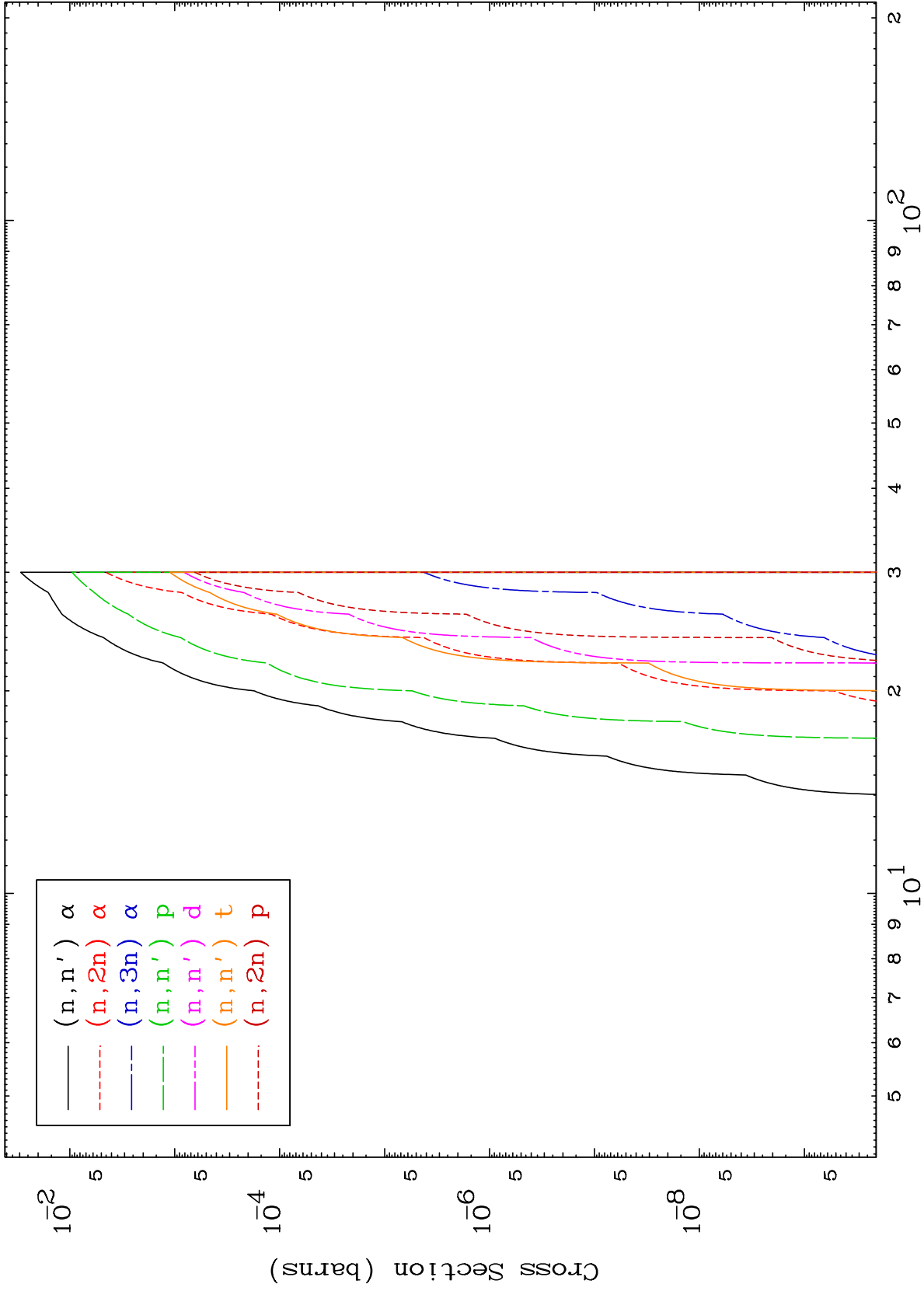
$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-143



56-Ba-143

Incident Energy (MeV)

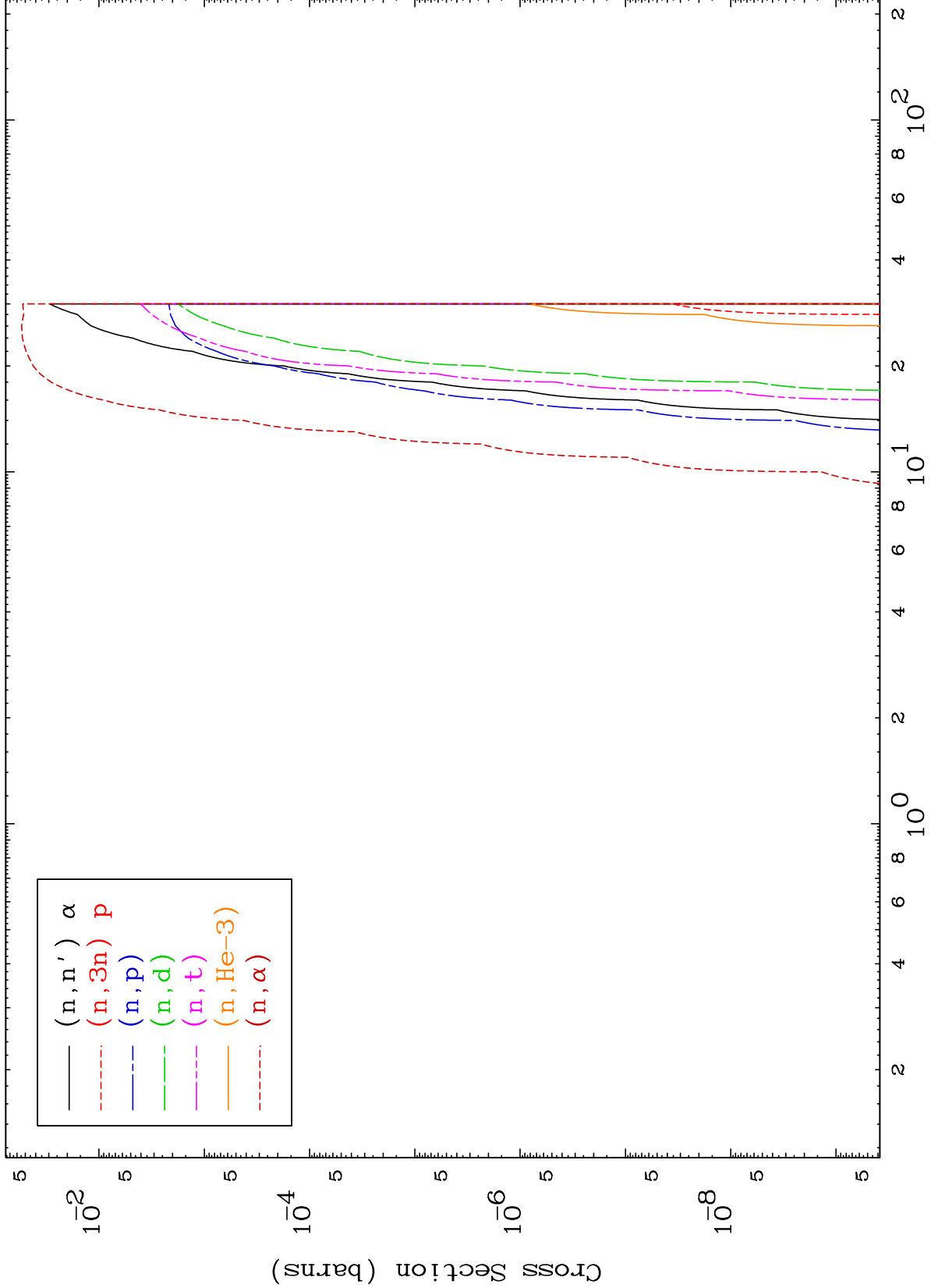


MAT 5664

$\alpha$  Charged Particle

56-Ba-143

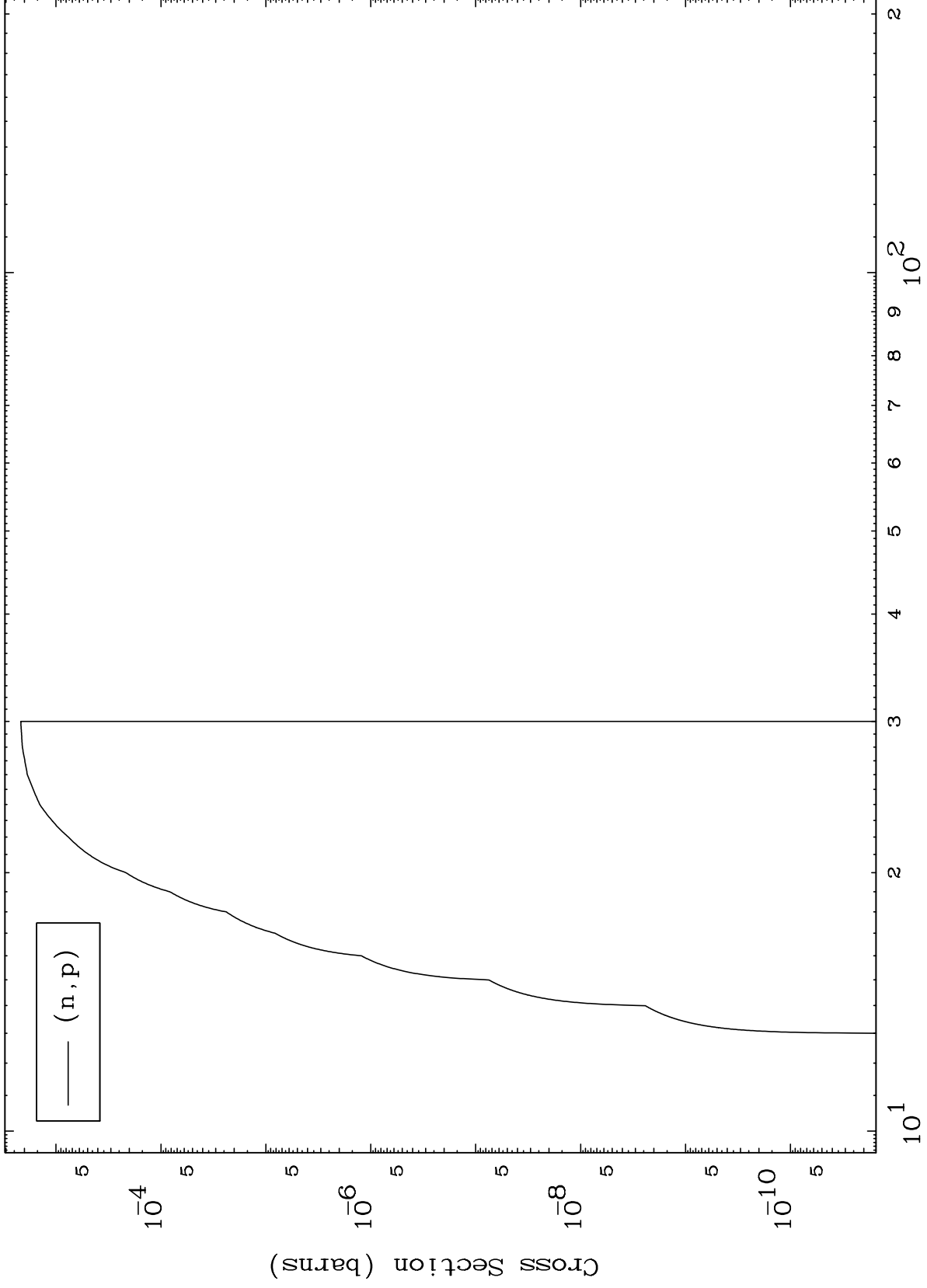
0 Kelvin Cross Sections



MAT 5664

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

56-Ba-143



Incident Energy (MeV)

56-Ba-143

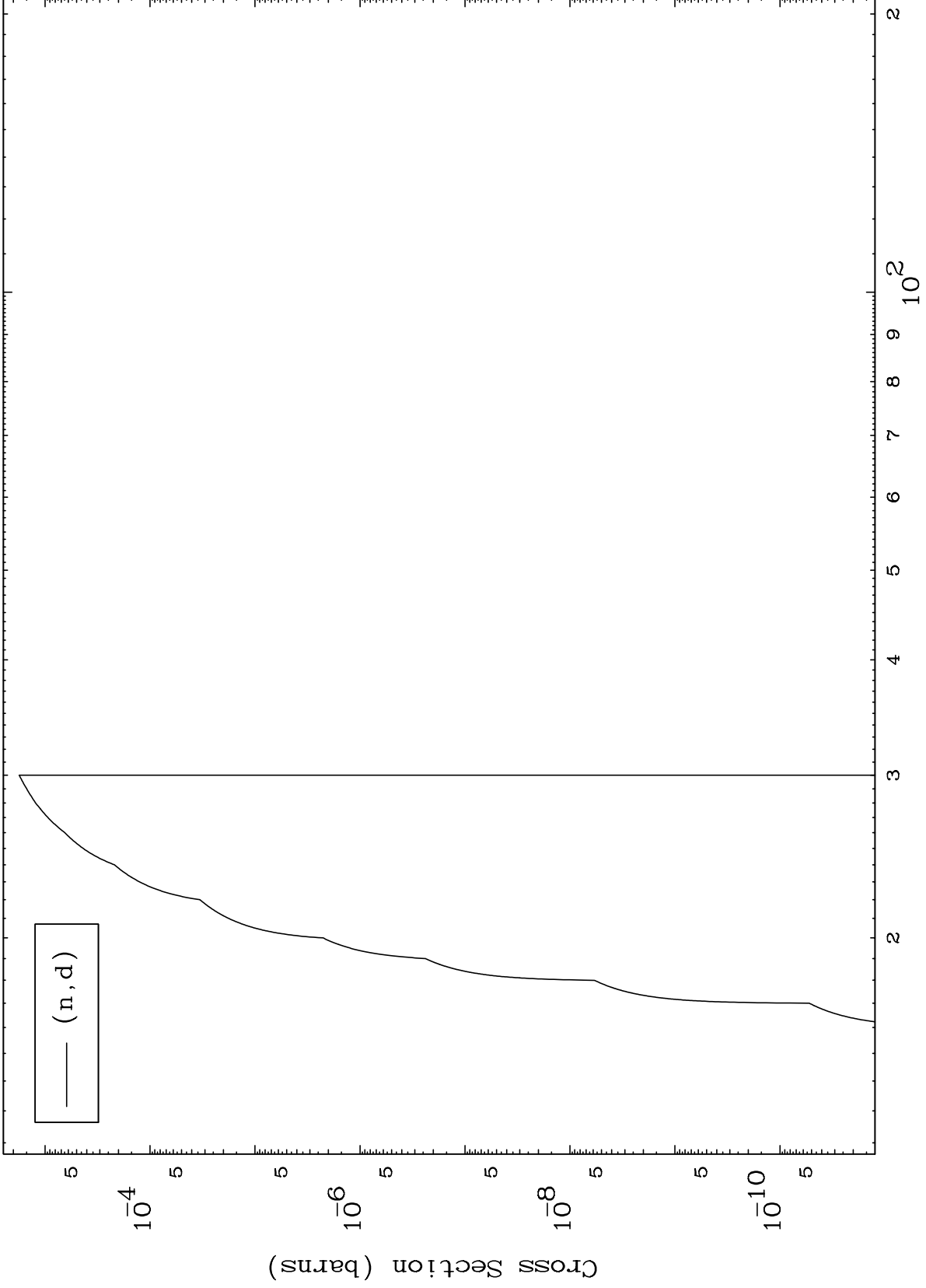
6

MAT 5664

( $\alpha, d$ ) Levels

56-Ba-143

0 Kelvin Cross Sections



7

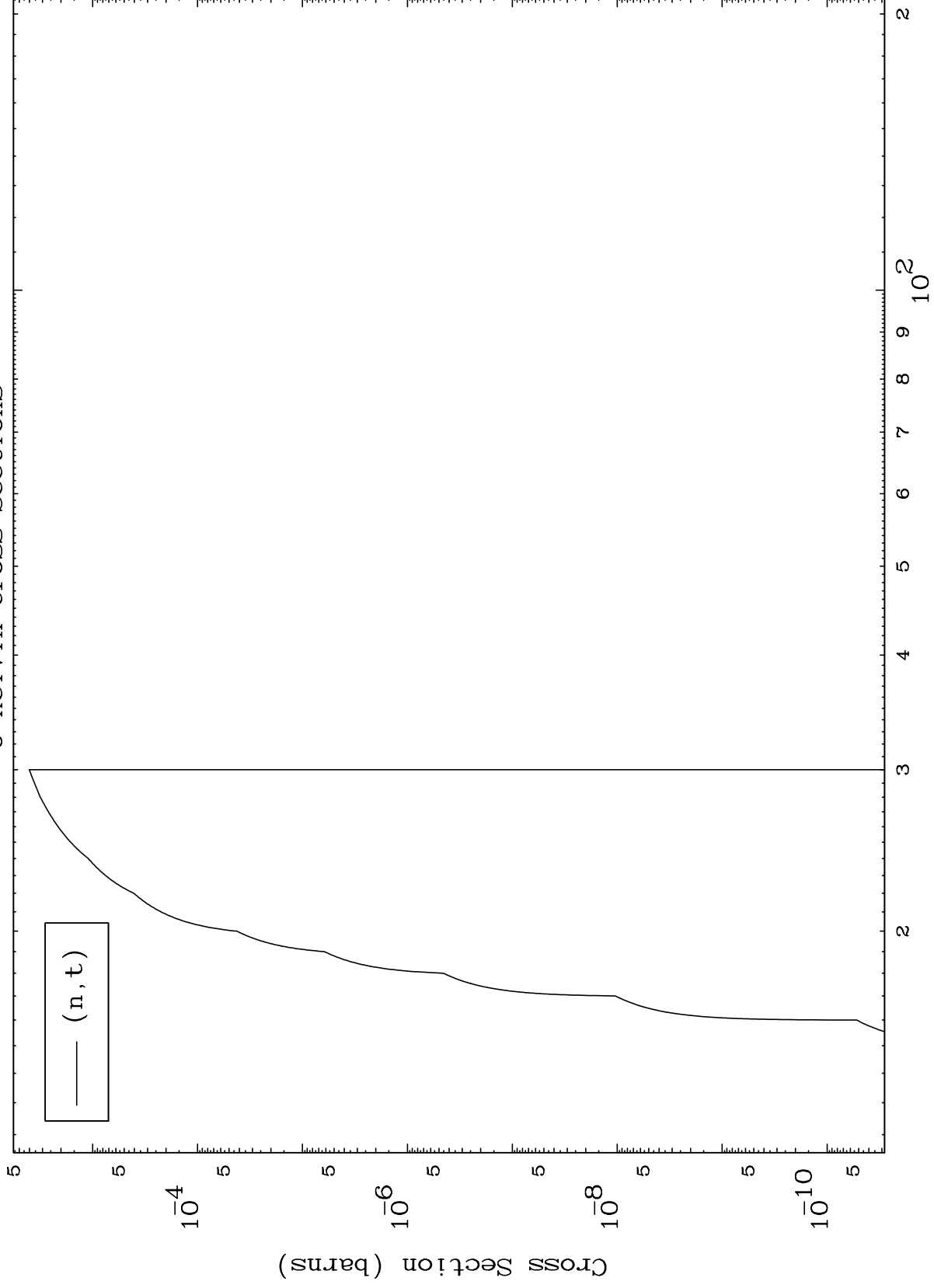
Incident Energy (MeV)

56-Ba-143

MAT 5664

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

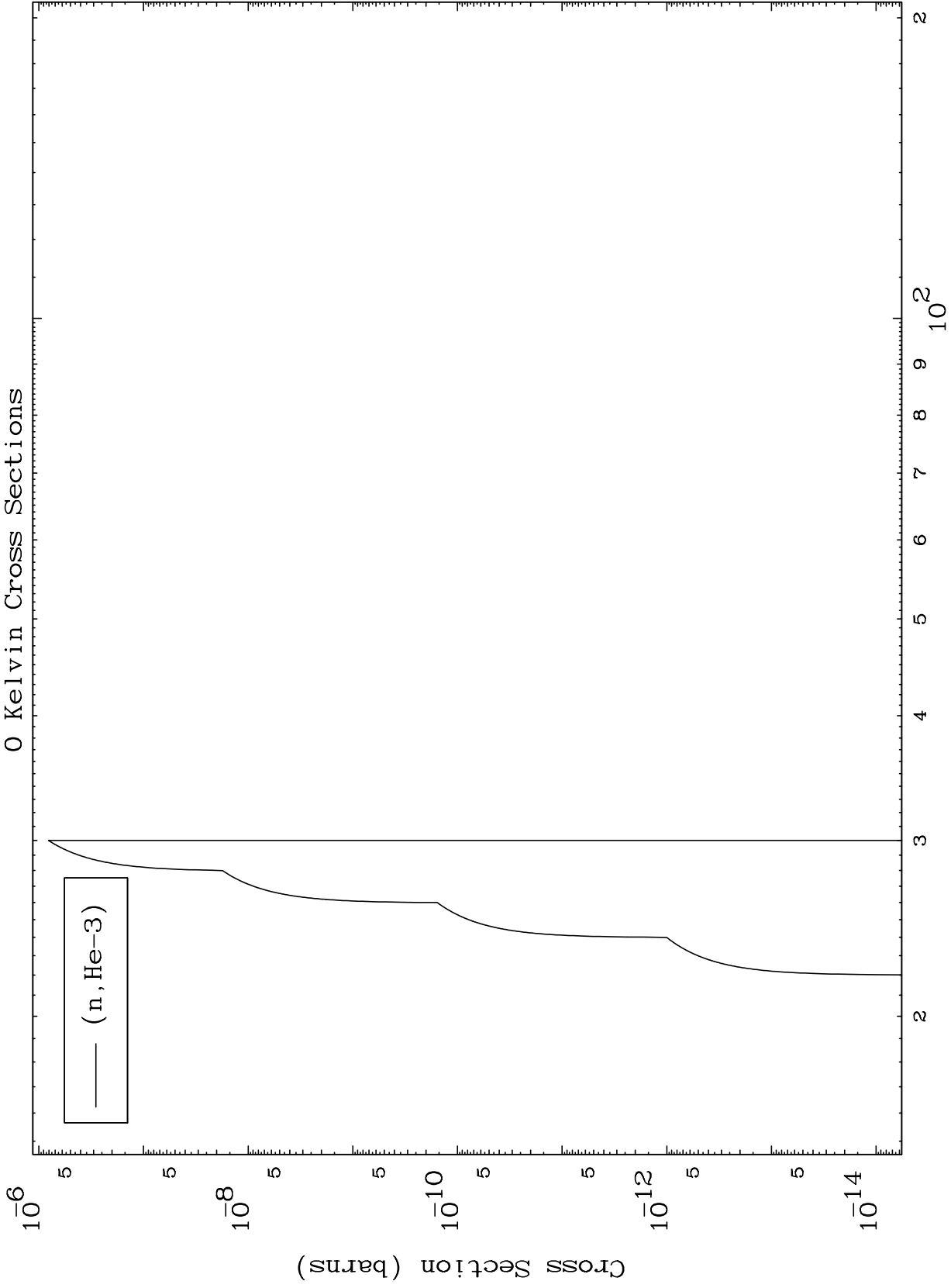
56-Ba-143



MAT 5664

56-Ba-143

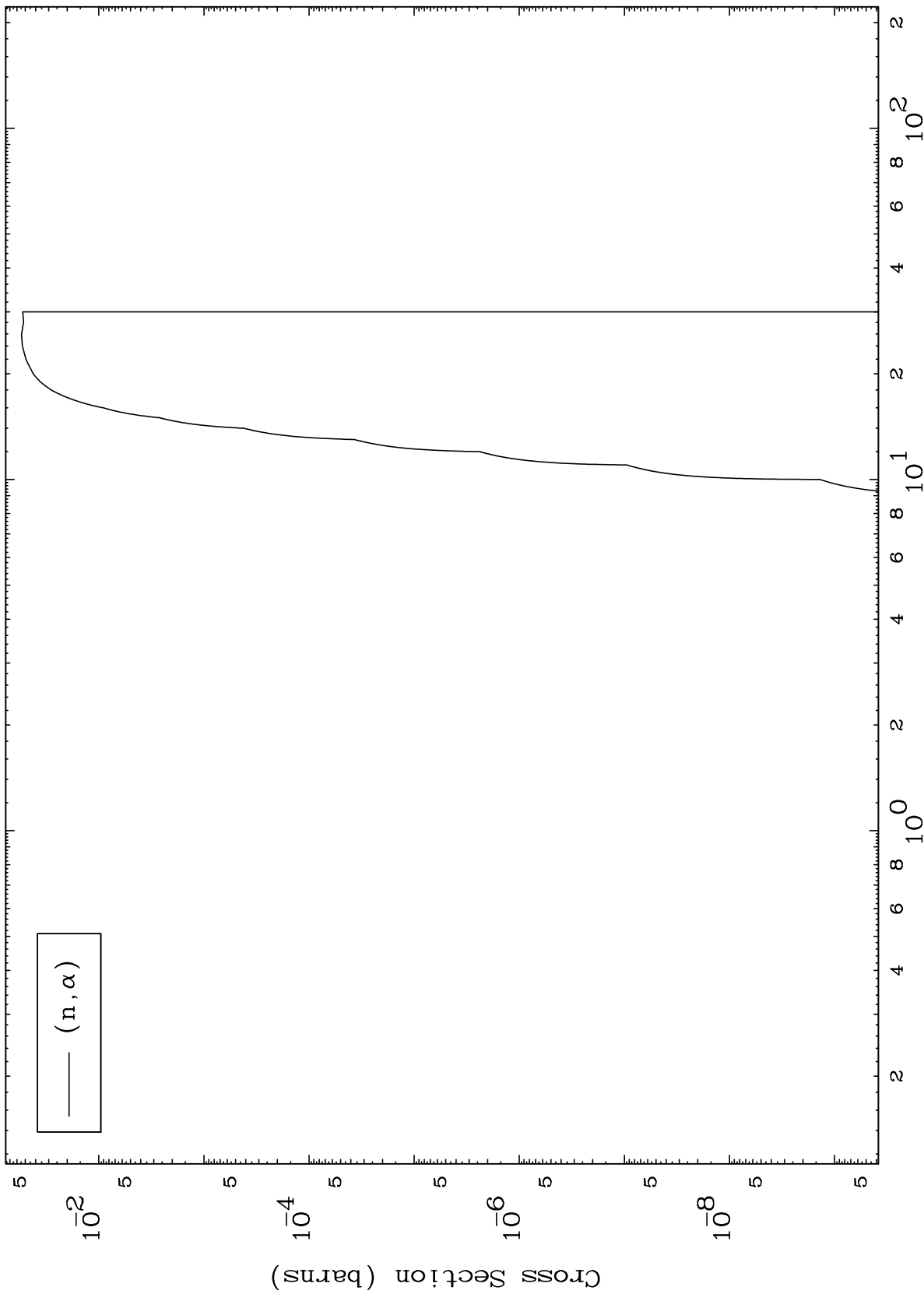
( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



MAT 5664

56-Ba-143

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



56-Ba-143

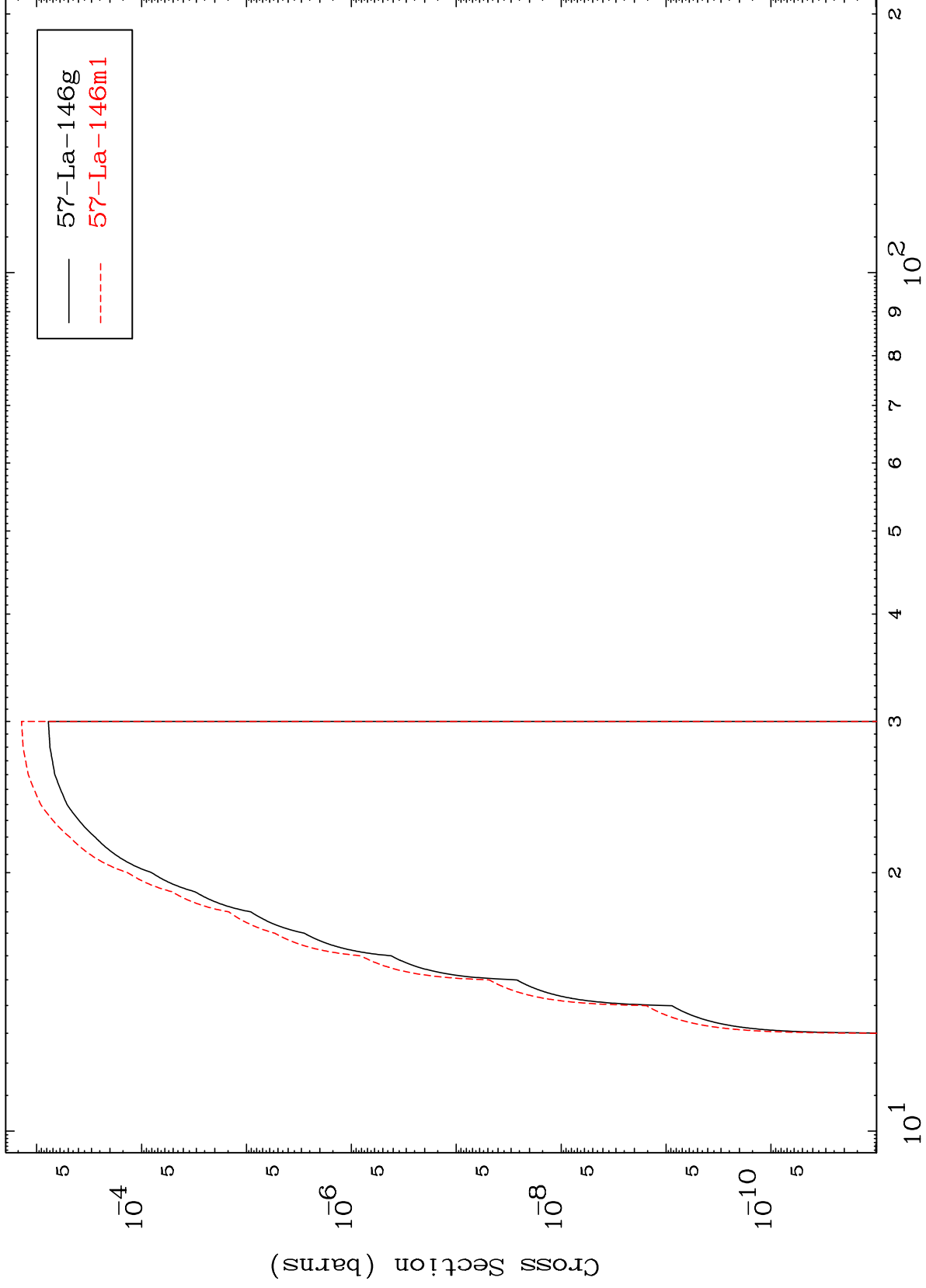
Incident Energy (MeV)

10

MAT 5664

56-Ba-143

(n,p)  
Radionuclide Production Cross Section



56-Ba-143

Incident Energy (MeV)

11