

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

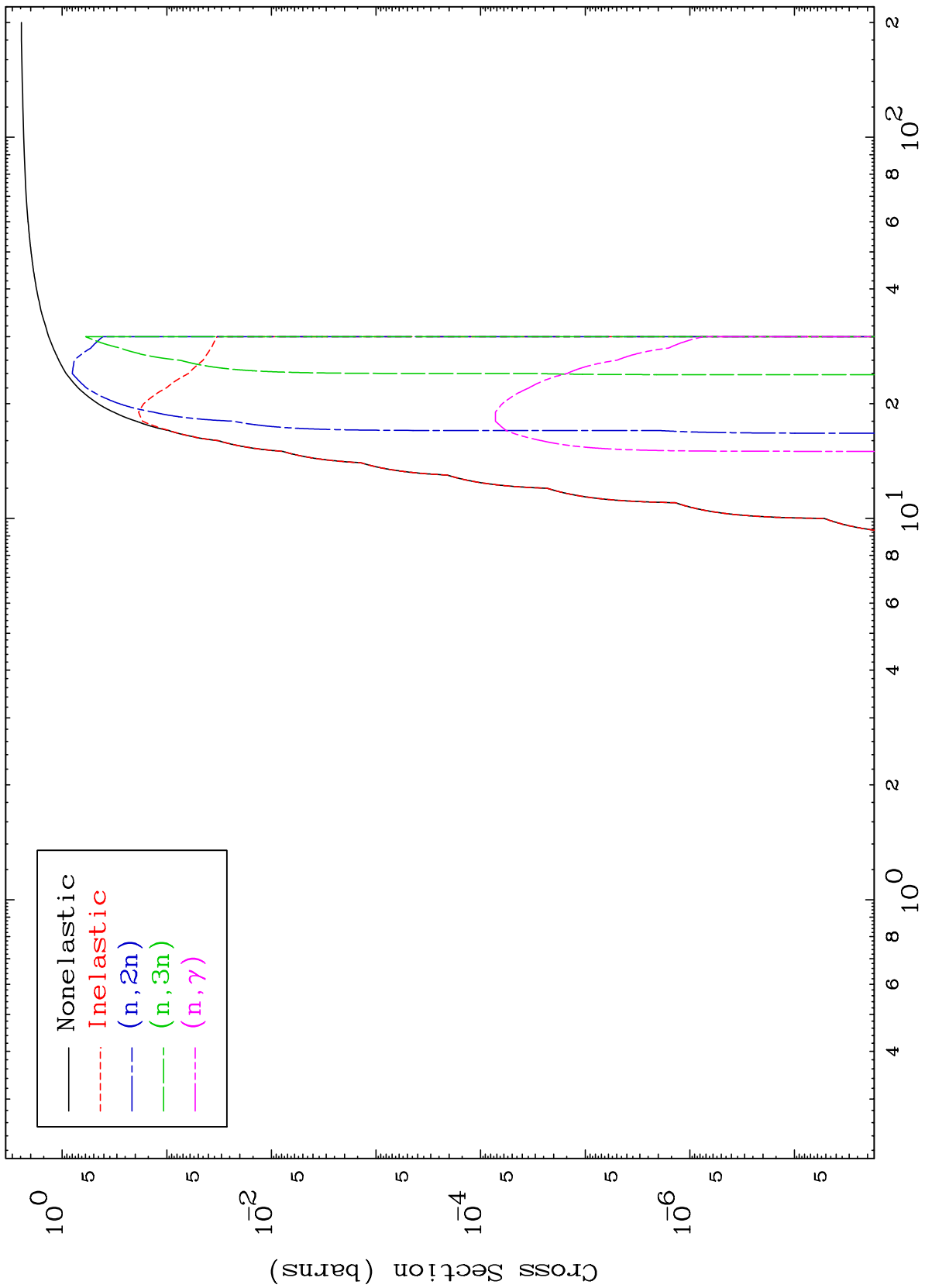
Press Mouse Button to Start

MAT 6330

$\alpha$  Major

63-Eu-152n

0 Kelvin Cross Sections



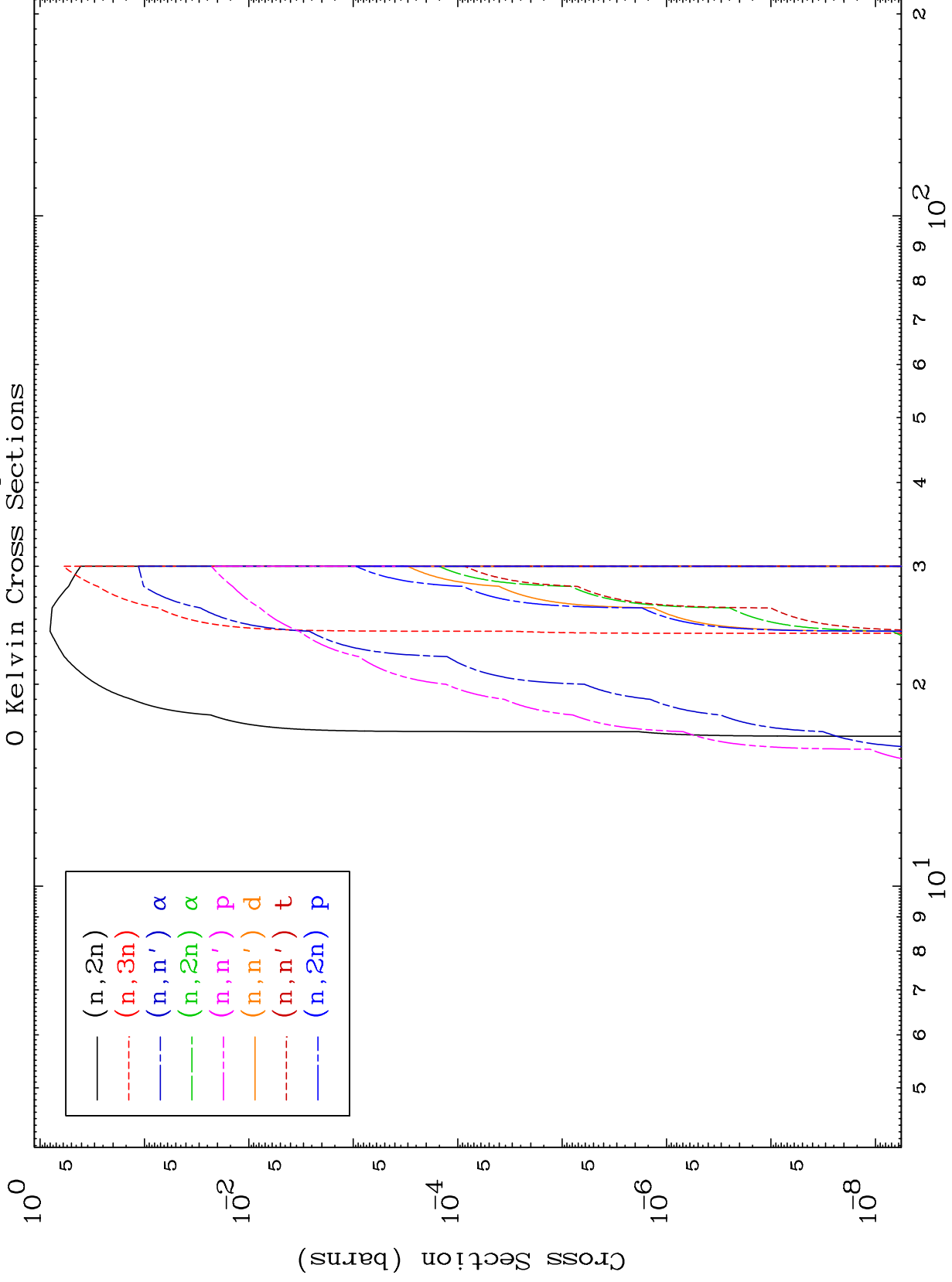
Incident Energy (MeV)

63-Eu-152n

MAT 6330

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

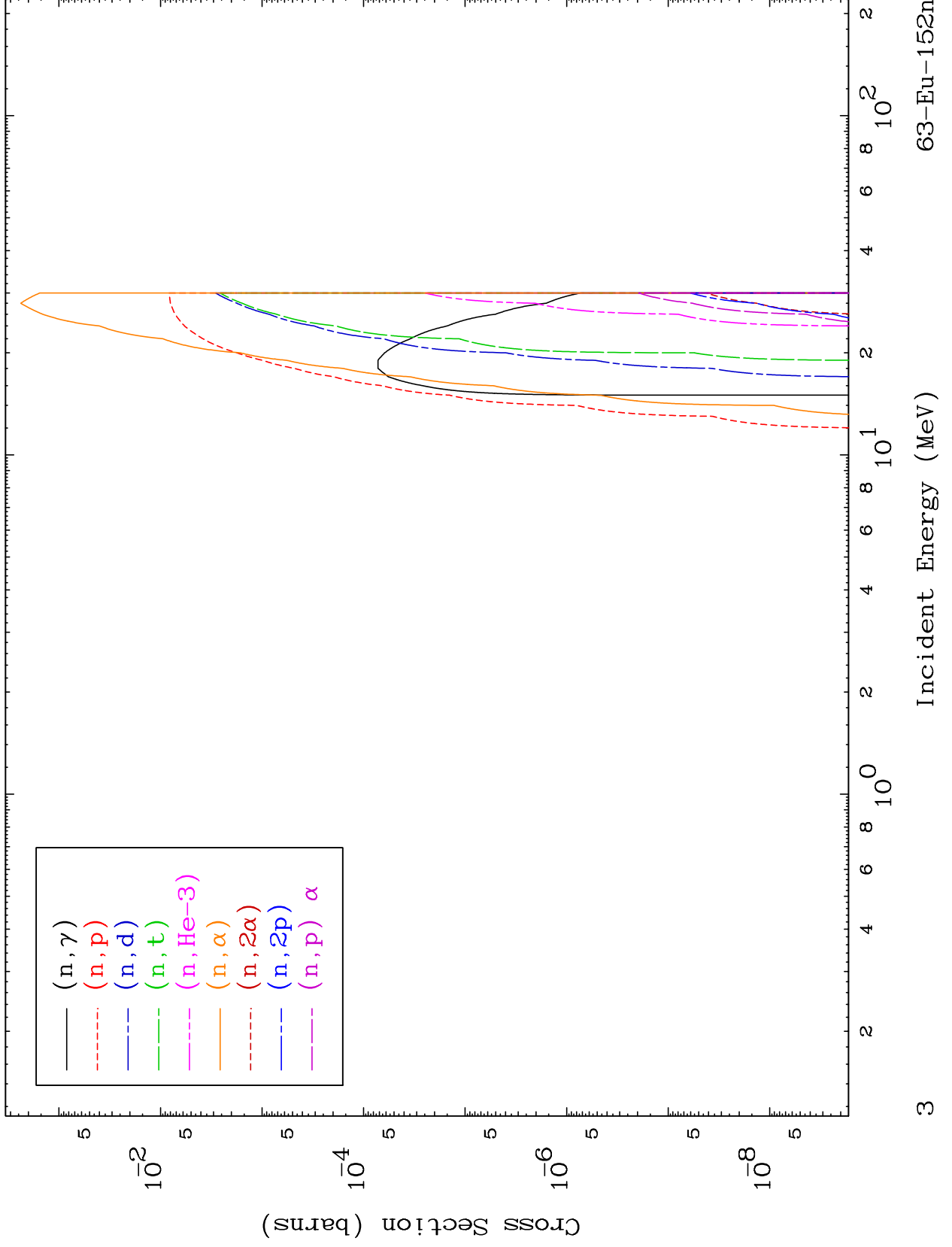
63-Eu-152n



MAT 6330

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

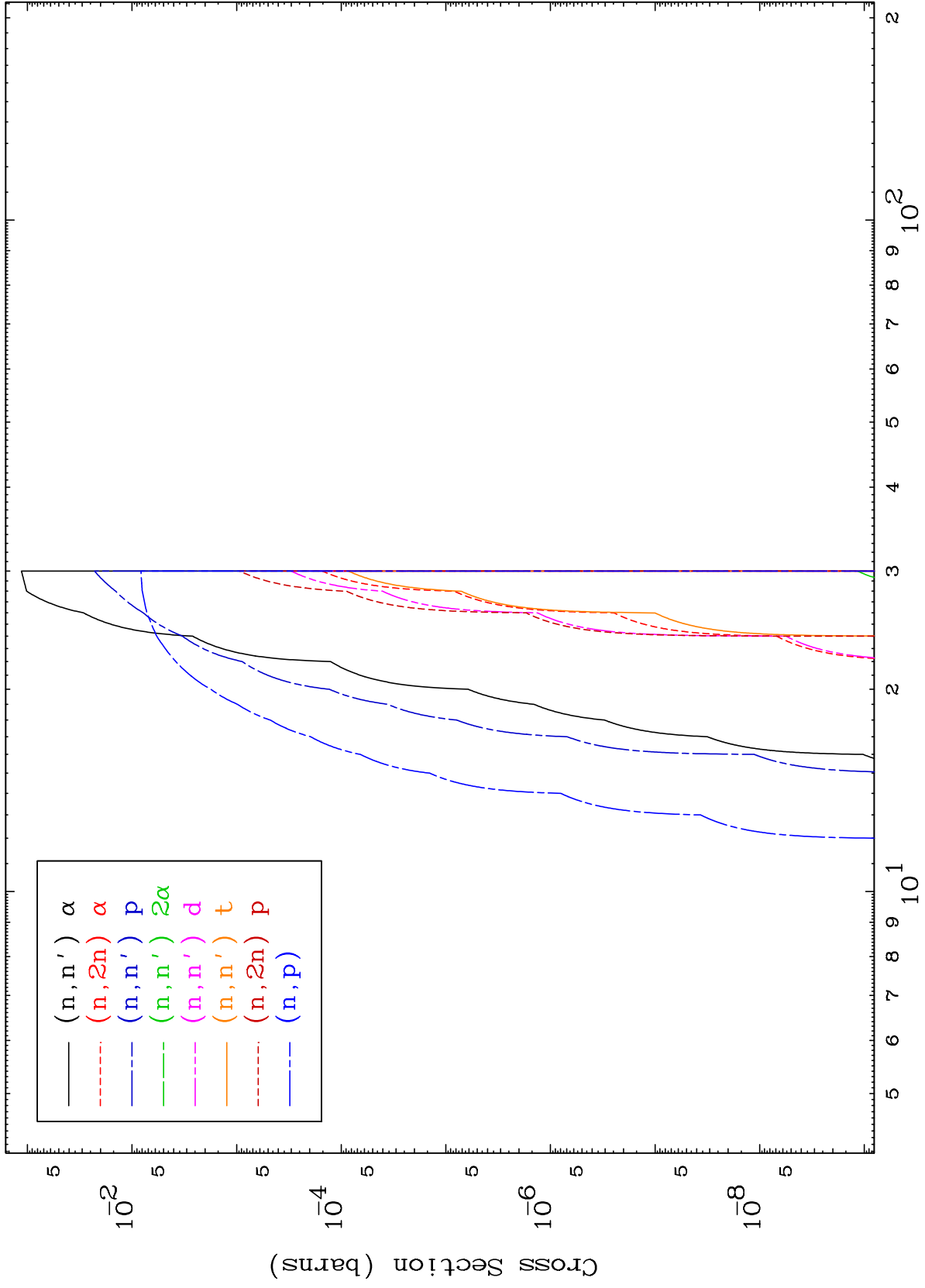
63-Eu-152n



MAT 6330

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

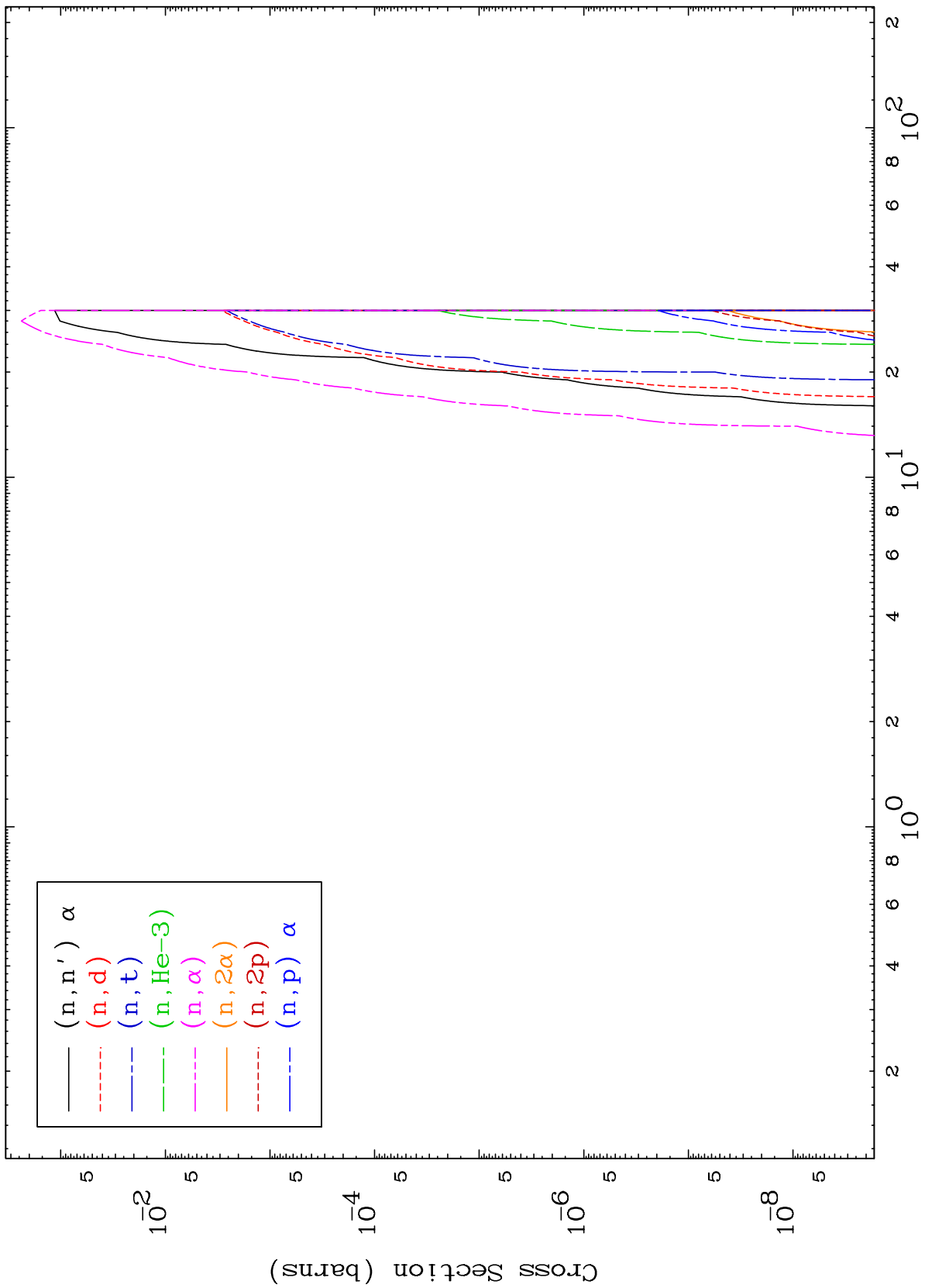
63-Eu-152n



MAT 6330

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

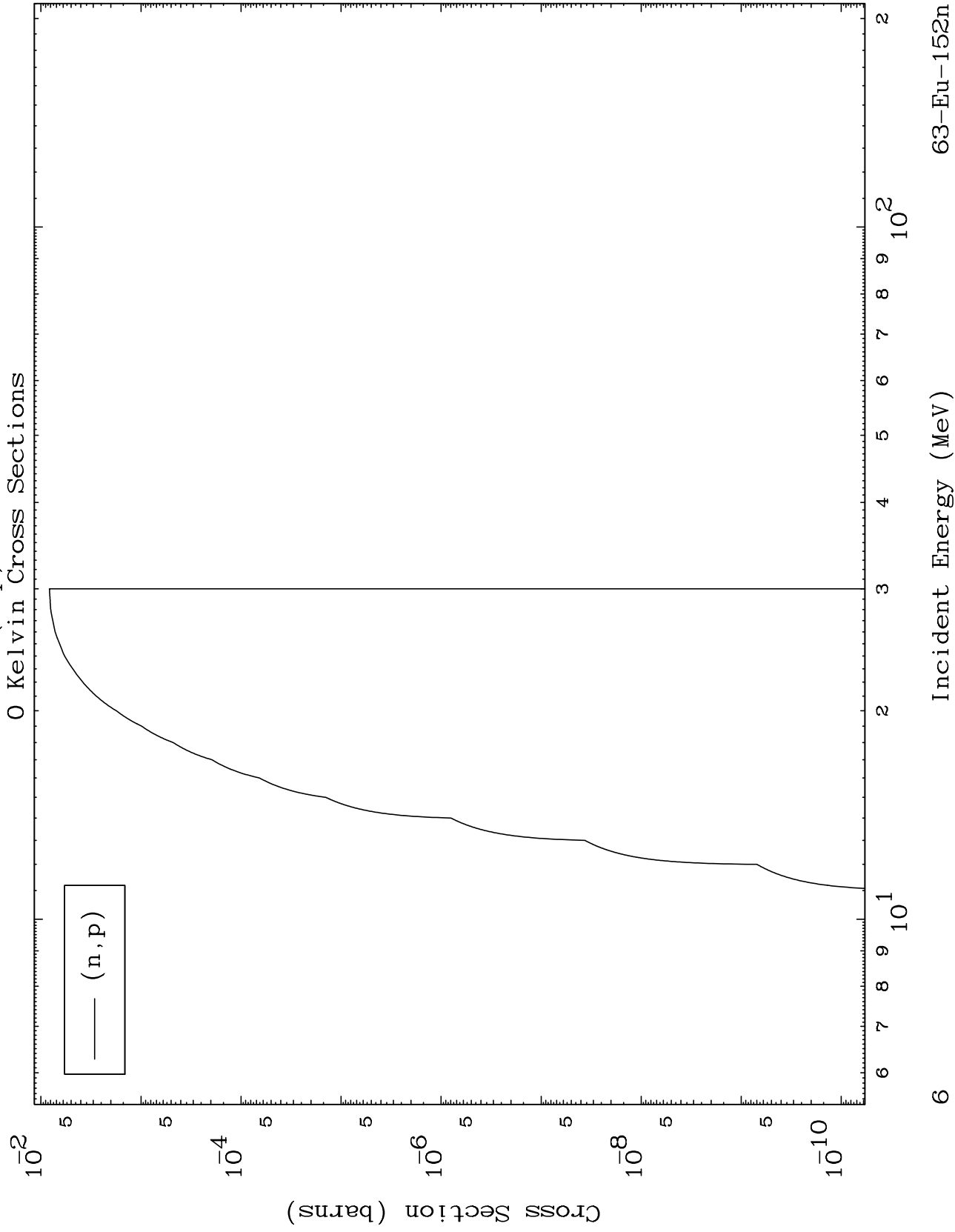
63-Eu-152n



MAT 6330

( $\alpha, p$ ) Levels

63-Eu-152n

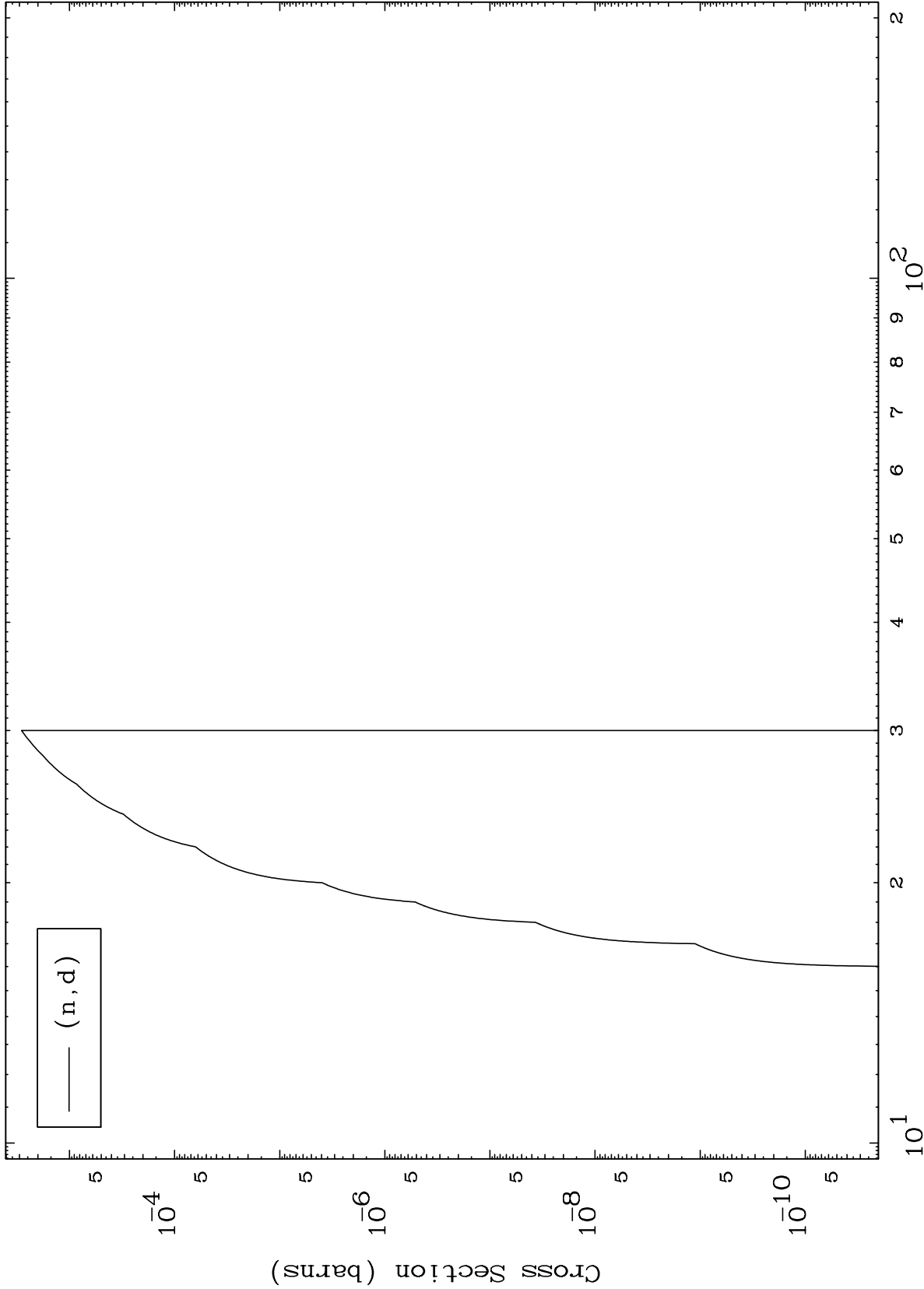


MAT 6330

( $\alpha, d$ ) Levels

63-Eu-152n

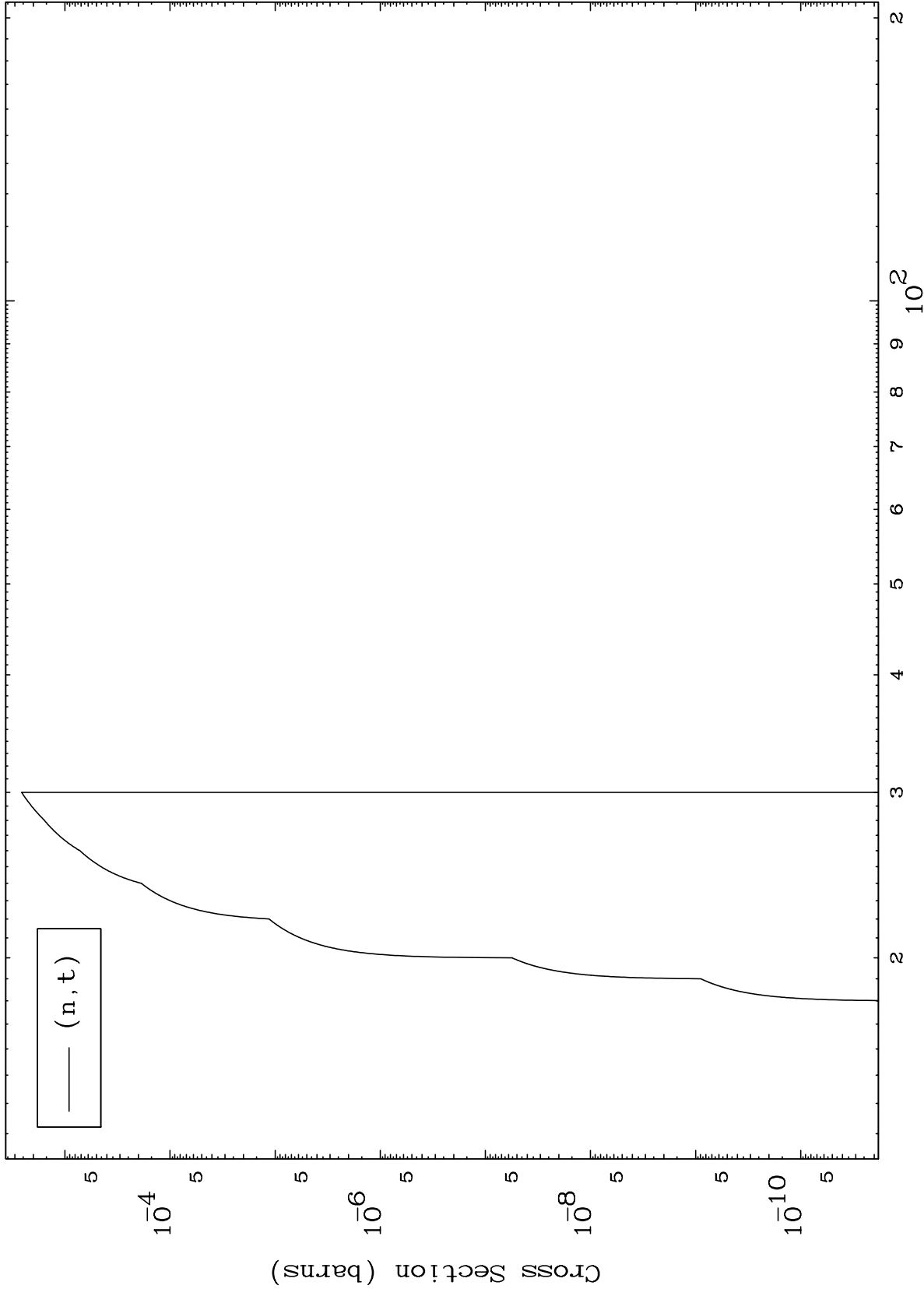
0 Kelvin Cross Sections



Incident Energy (MeV)

63-Eu-152n

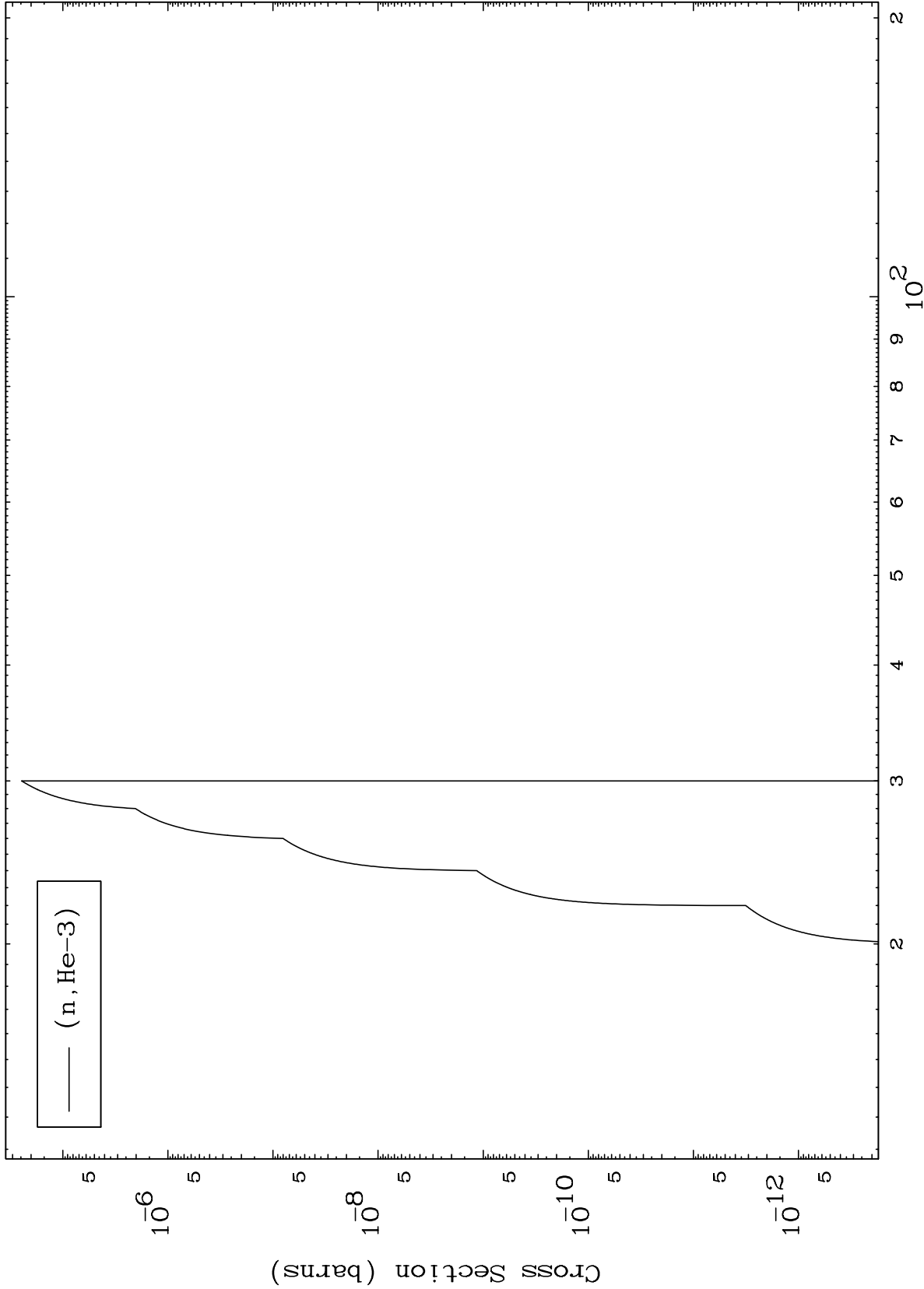




MAT 6330

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

63-Eu-152n

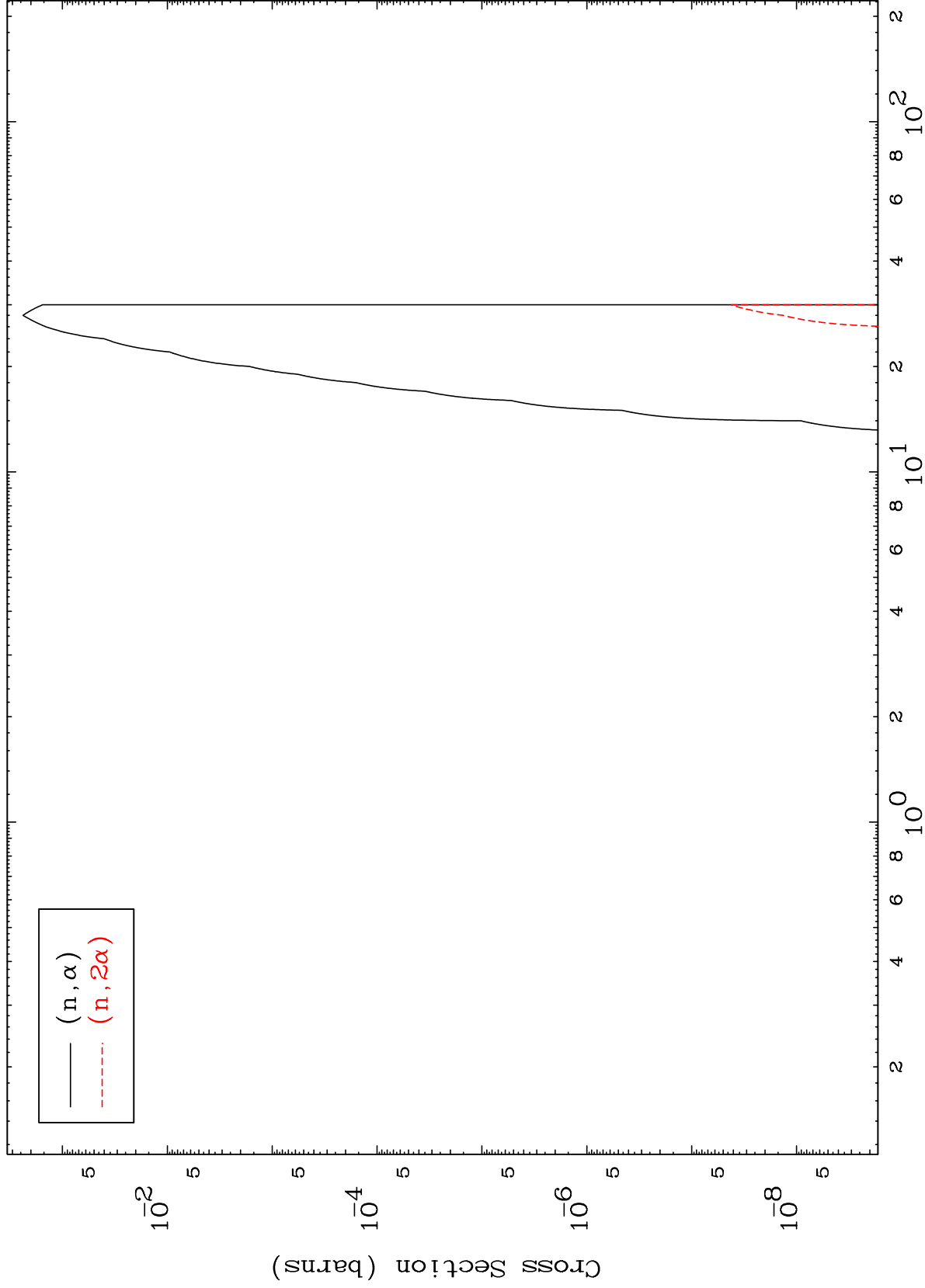


MAT 6330

( $\alpha, \alpha$ ) Levels

63-Eu-152n

0 Kelvin Cross Sections



10

Incident Energy (MeV)

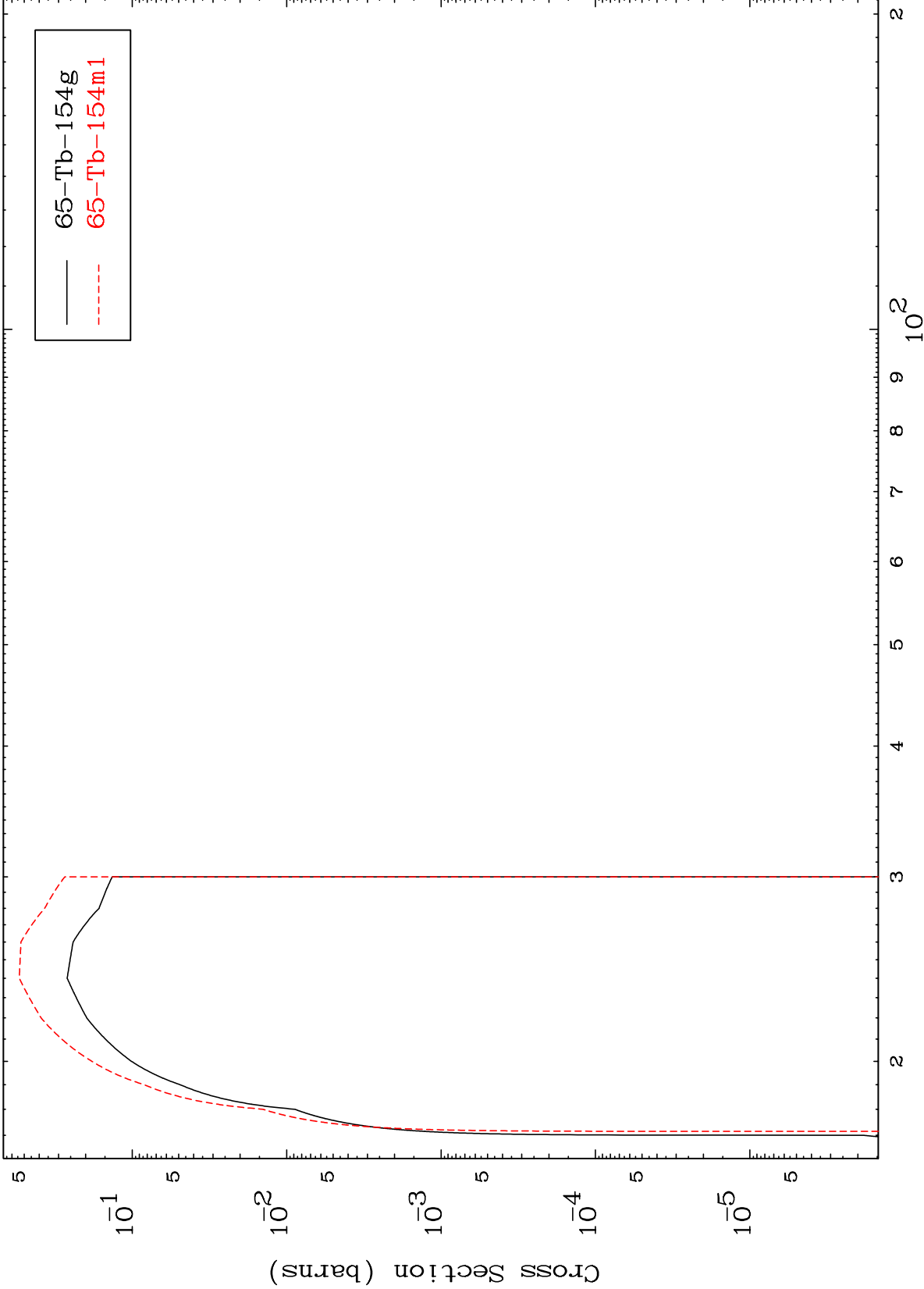
63-Eu-152n

MAT 6330

(n,2n)

63-Eu-152n

Radionuclide Production Cross Section

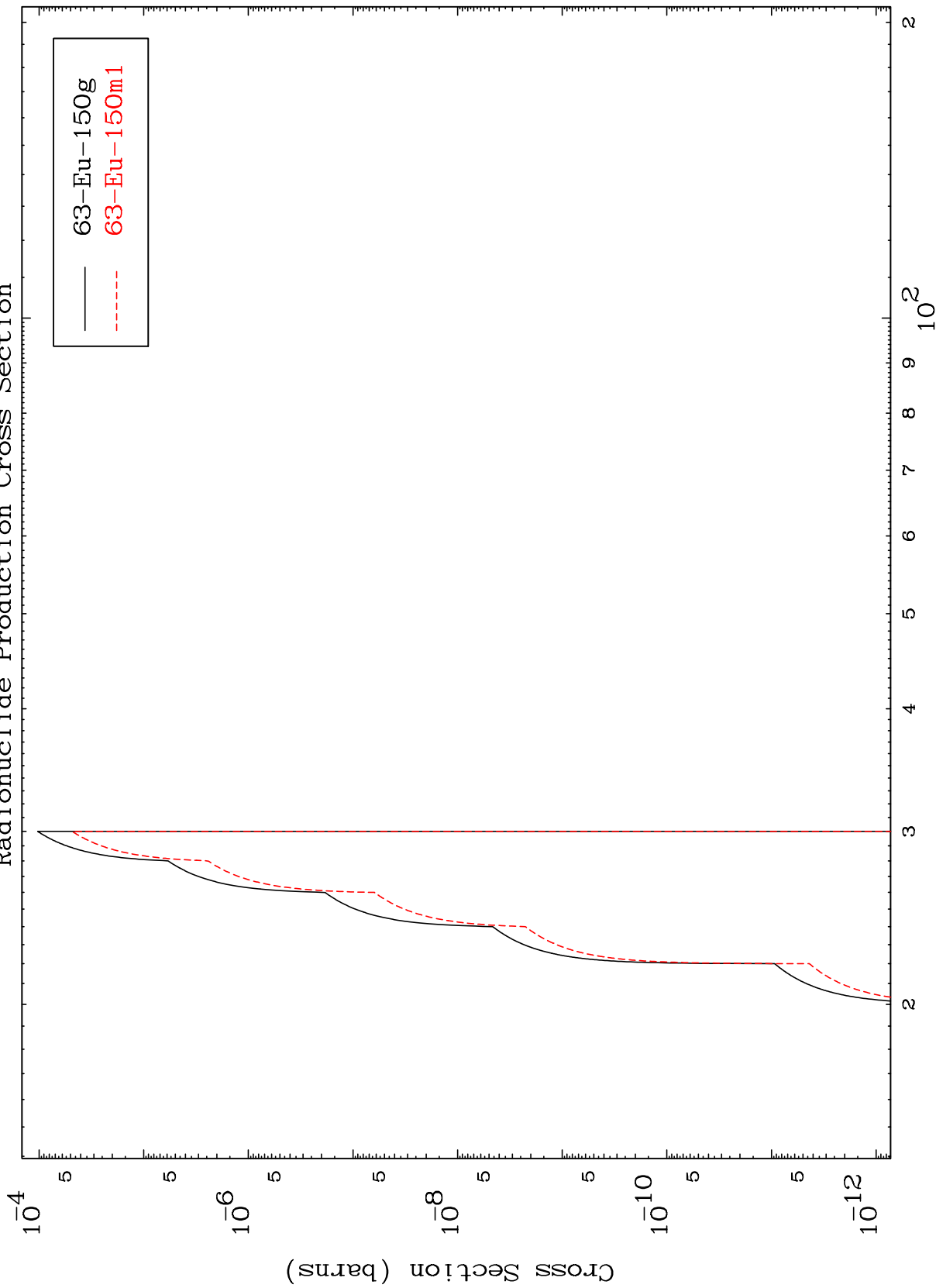


MAT 6330

(n,2n)  $\alpha$

63-Eu-152n

Radionuclide Production Cross Section



12

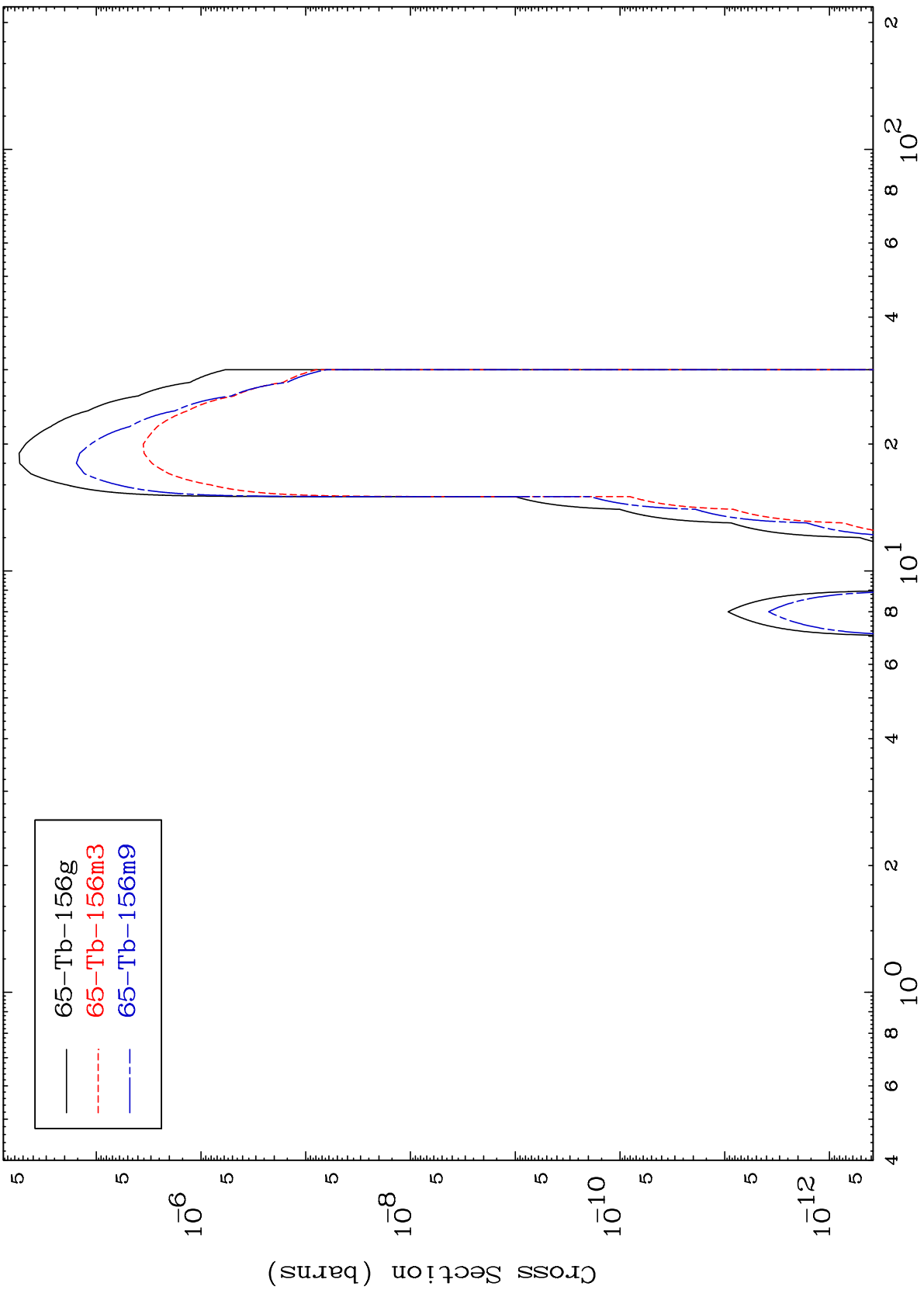
Incident Energy (MeV)

63-Eu-152n

MAT 6330

63-Eu-152n

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



13

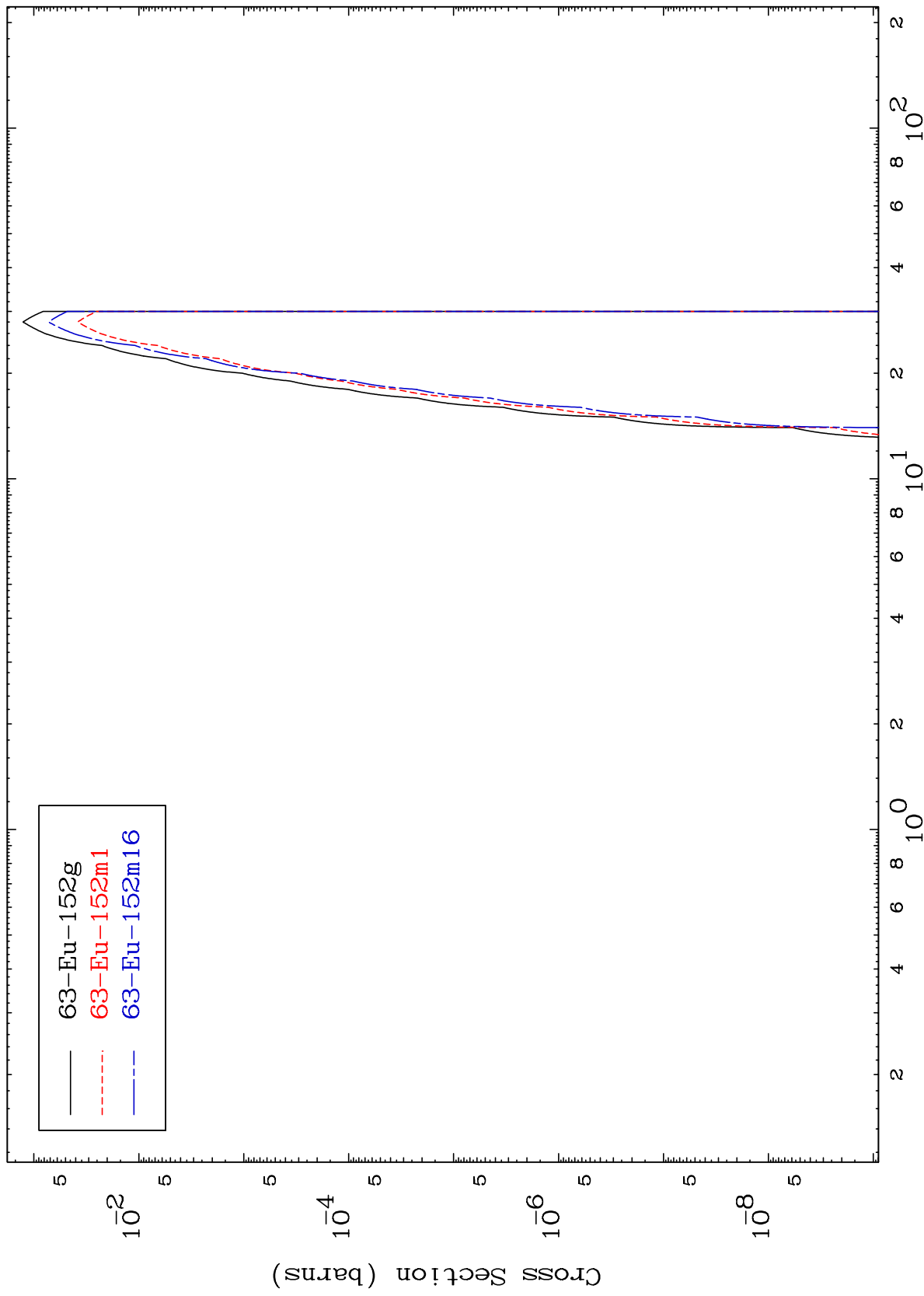
Incident Energy (MeV)

63-Eu-152n

MAT 6330

63-Eu-152n

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



14

63-Eu-152n

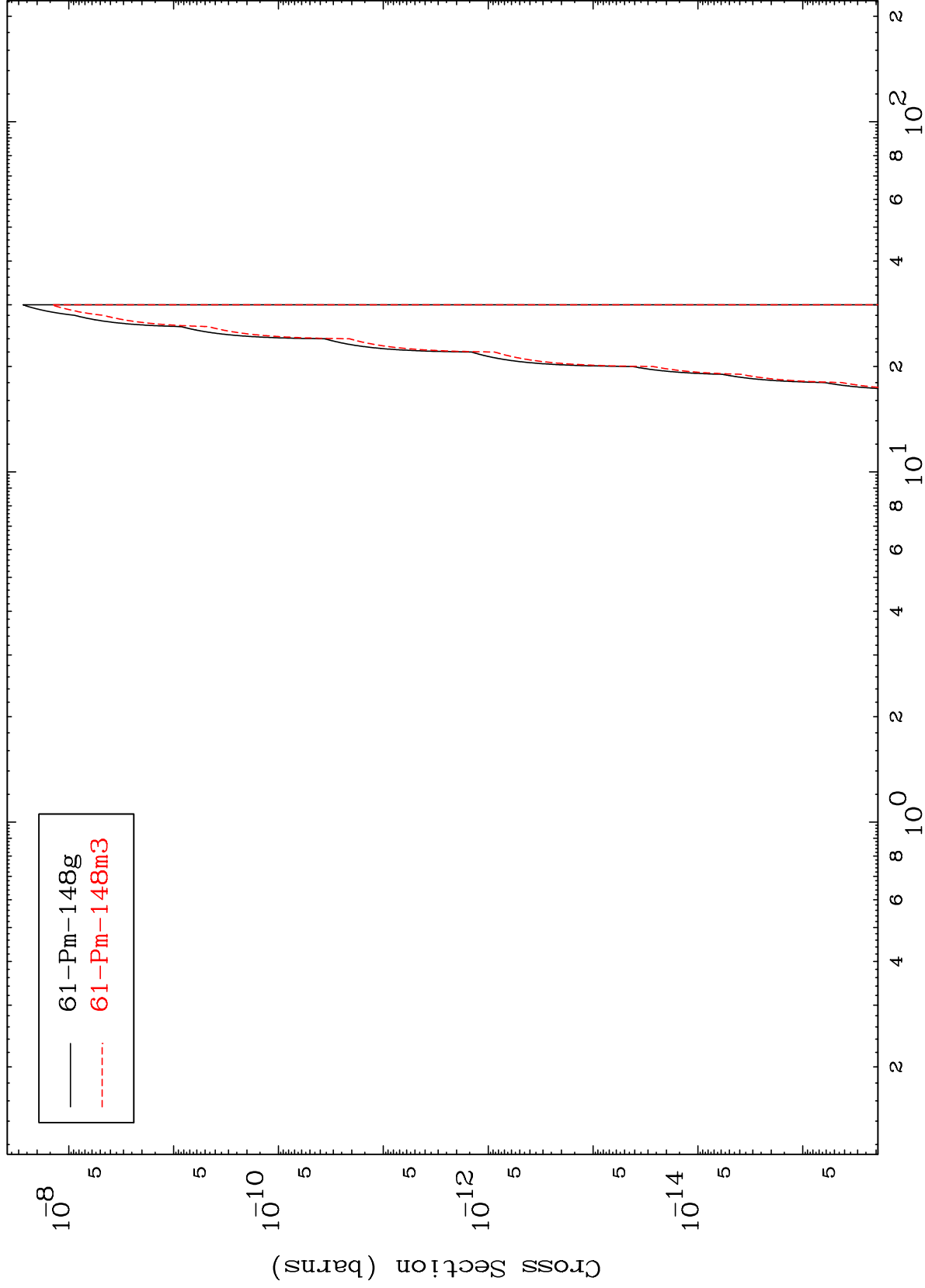
Incident Energy (MeV)

MAT 6330

(n,2α)

63-Eu-152n

Radionuclide Production Cross Section



15

Incident Energy (MeV)

63-Eu-152n

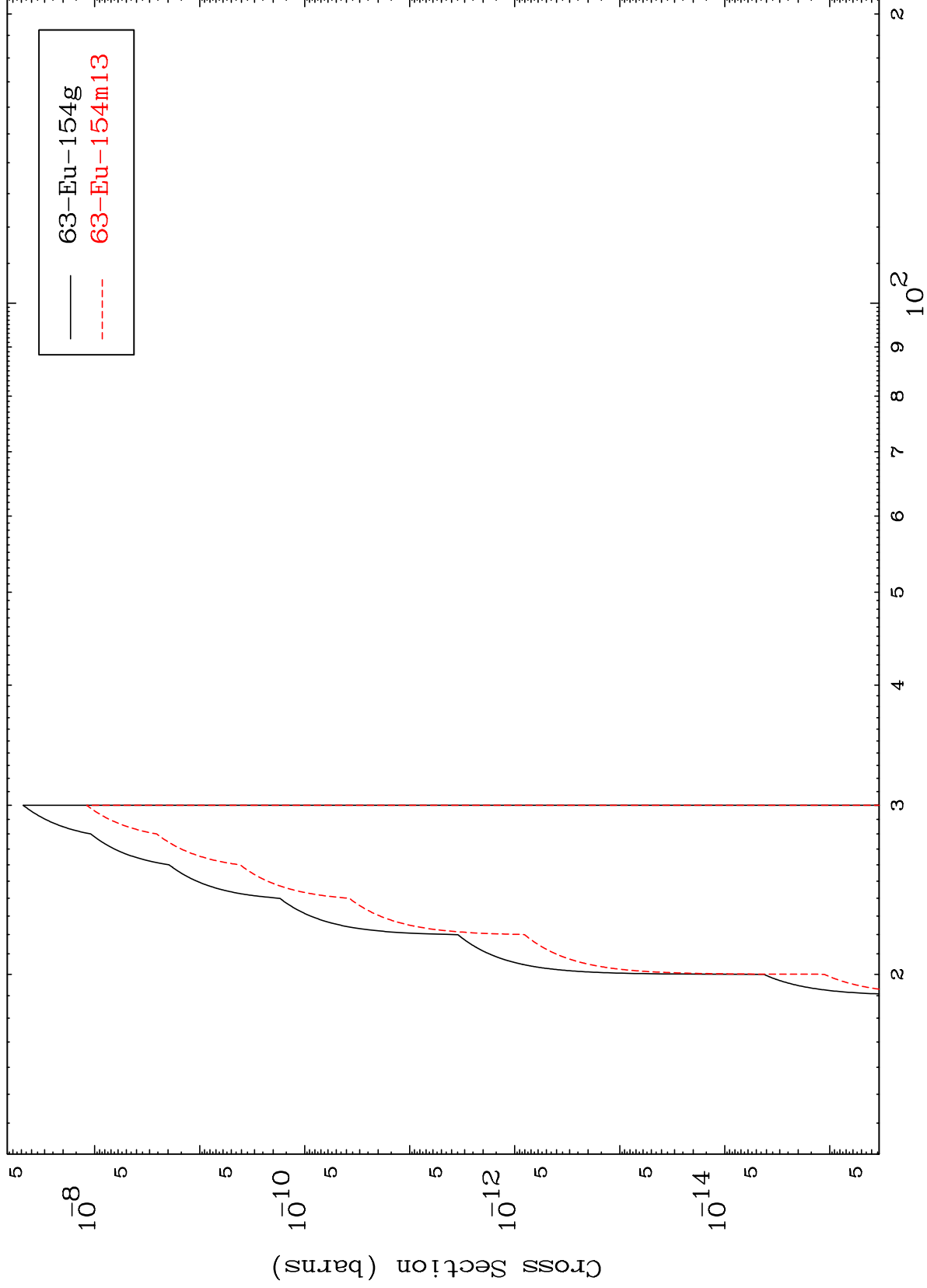


MAT 6330

(n,2p)

63-Eu-152n

Radionuclide Production Cross Section



16

Incident Energy (MeV)

63-Eu-152n