

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

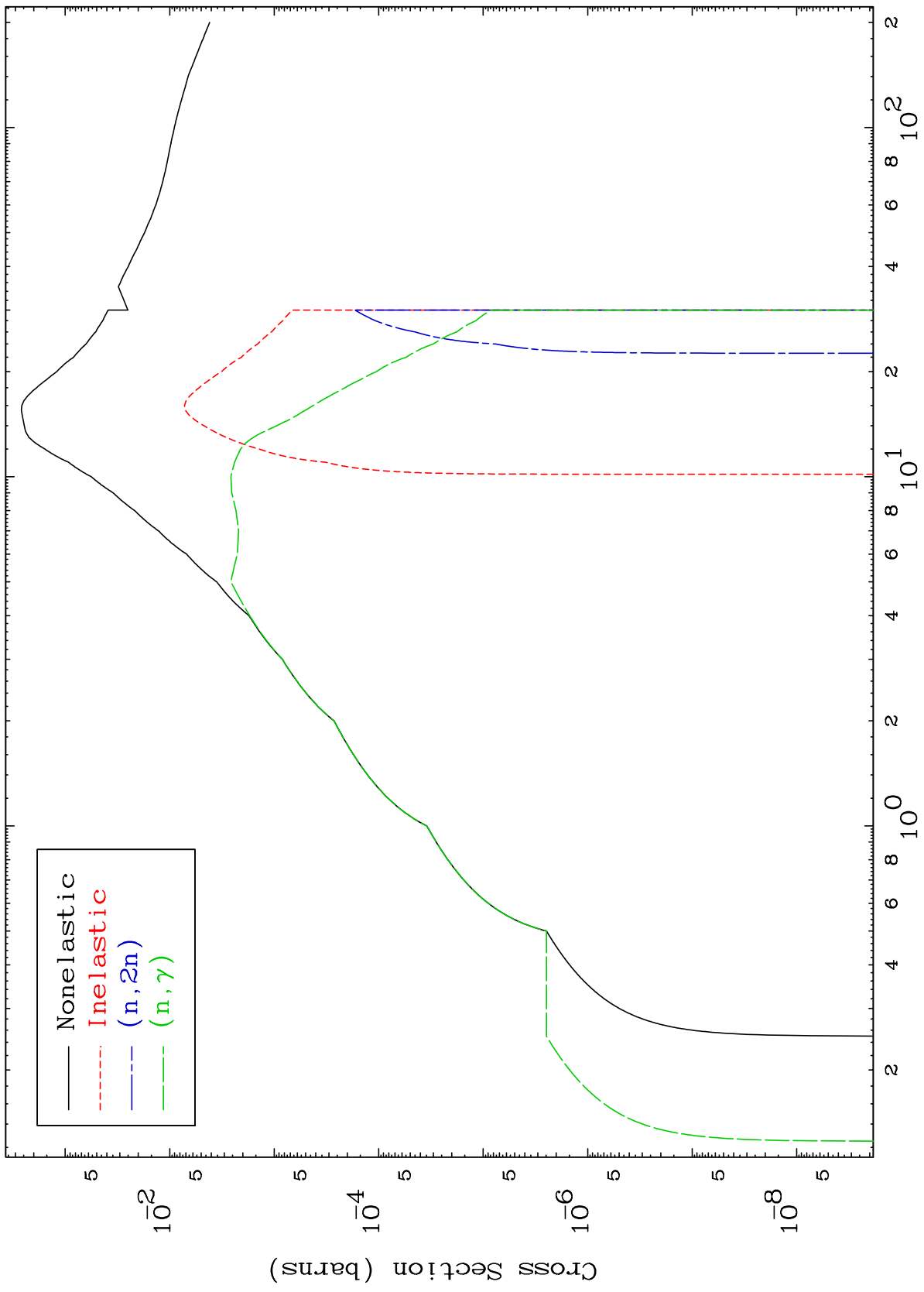
Web:redcullen1.net/HOMEPAGE.NEW

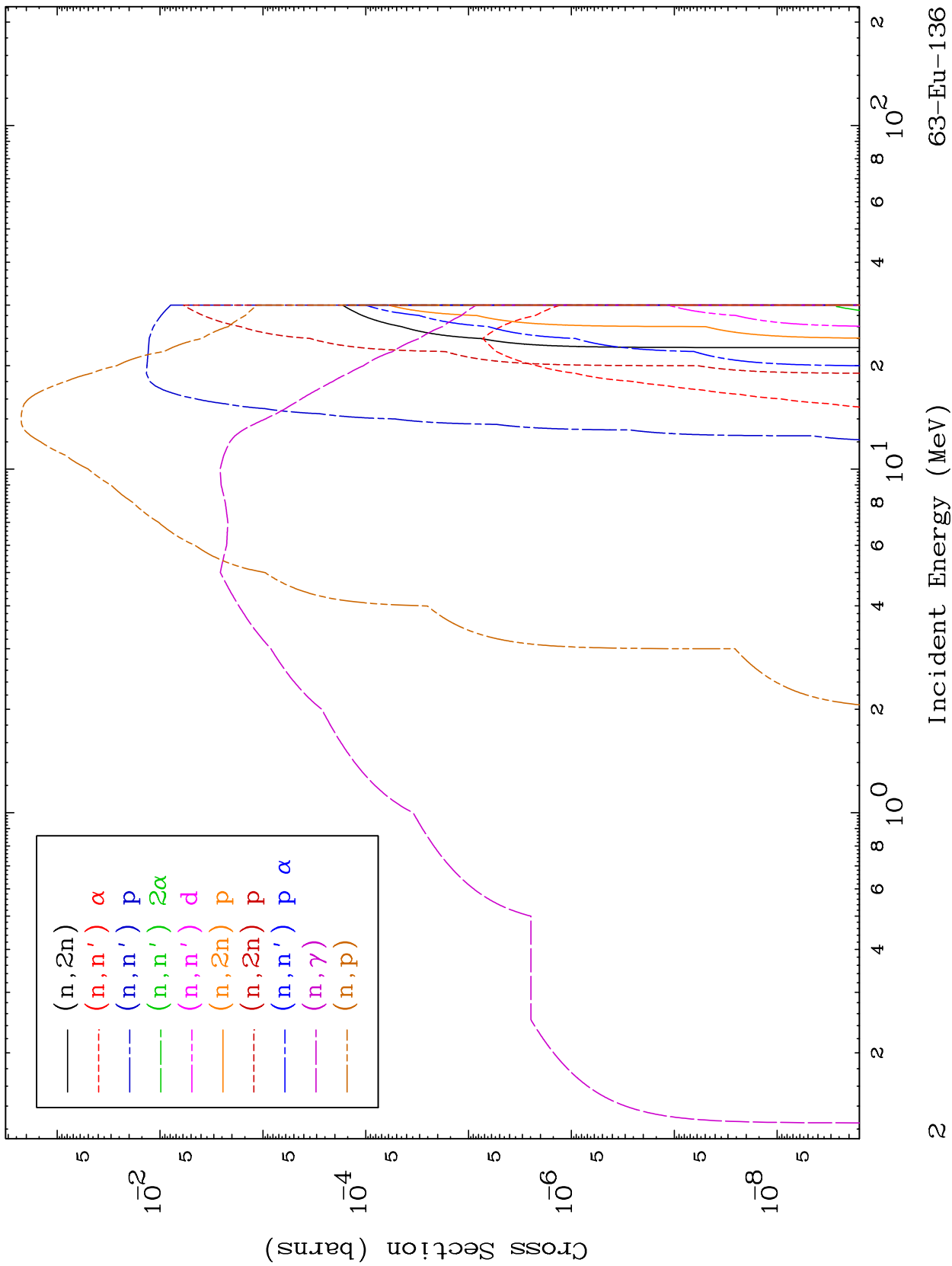
Press Mouse Button to Start

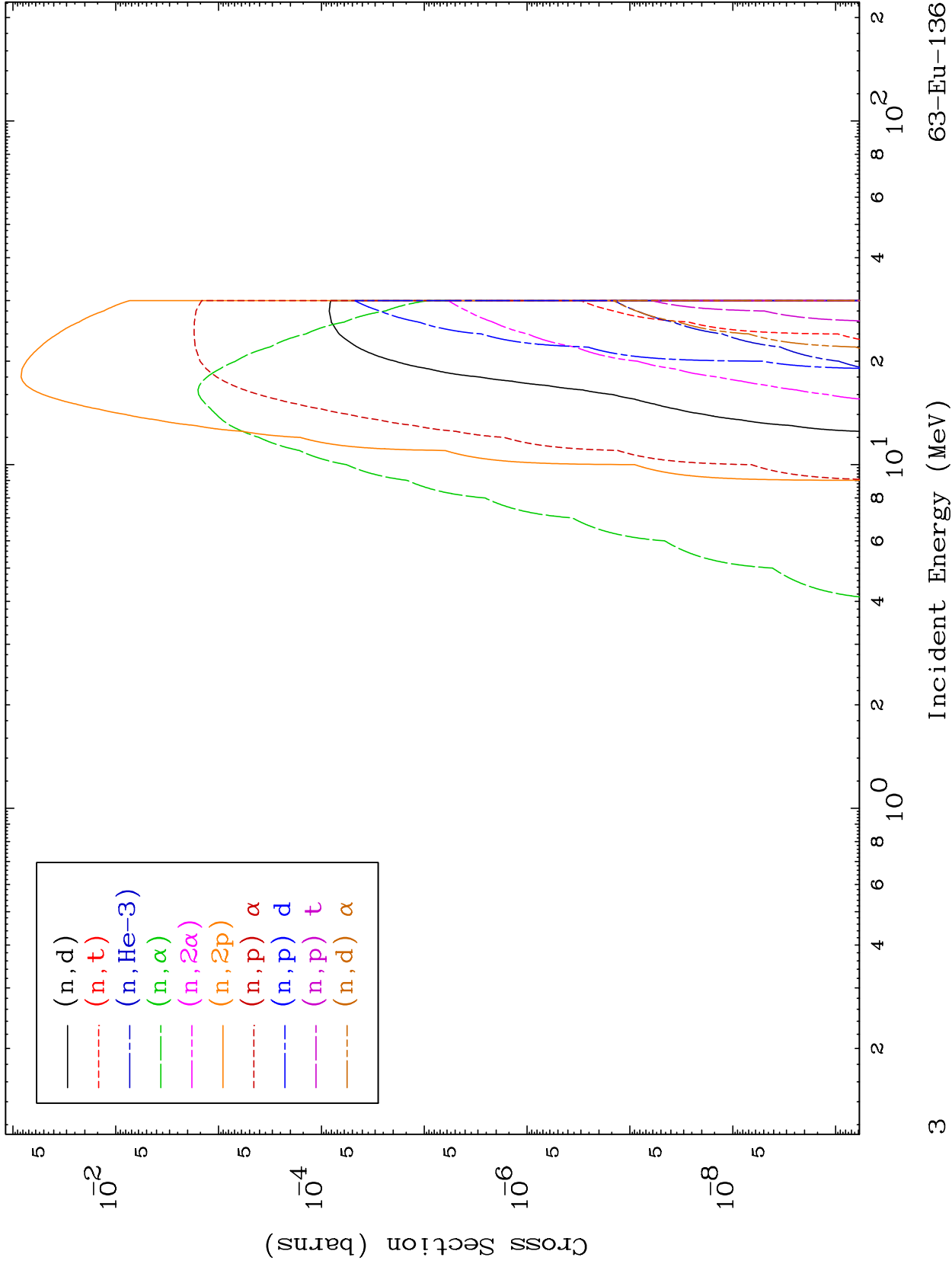
MAT 6280

Photon Major  
0 Kelvin Cross Sections

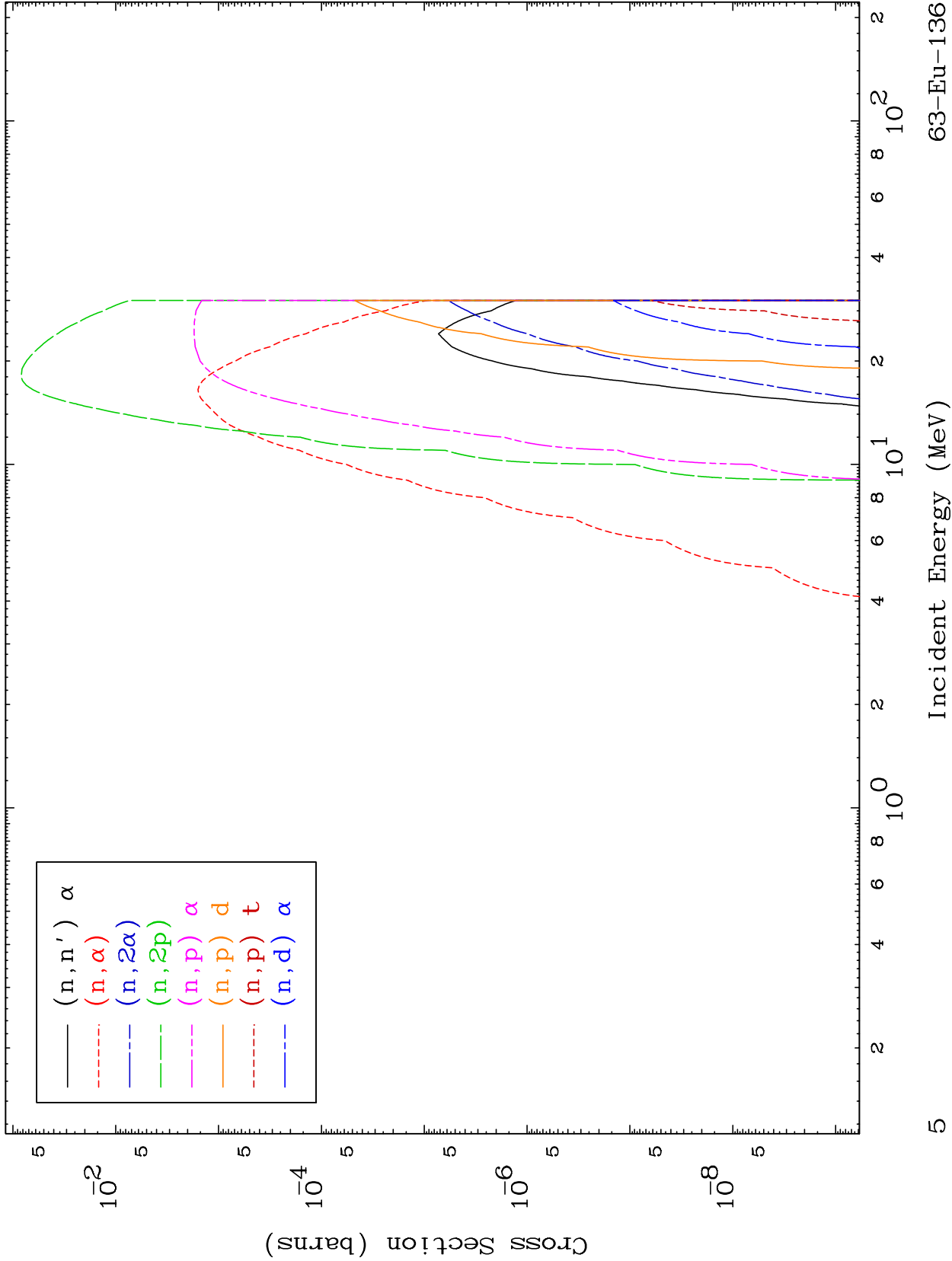
63-Eu-136







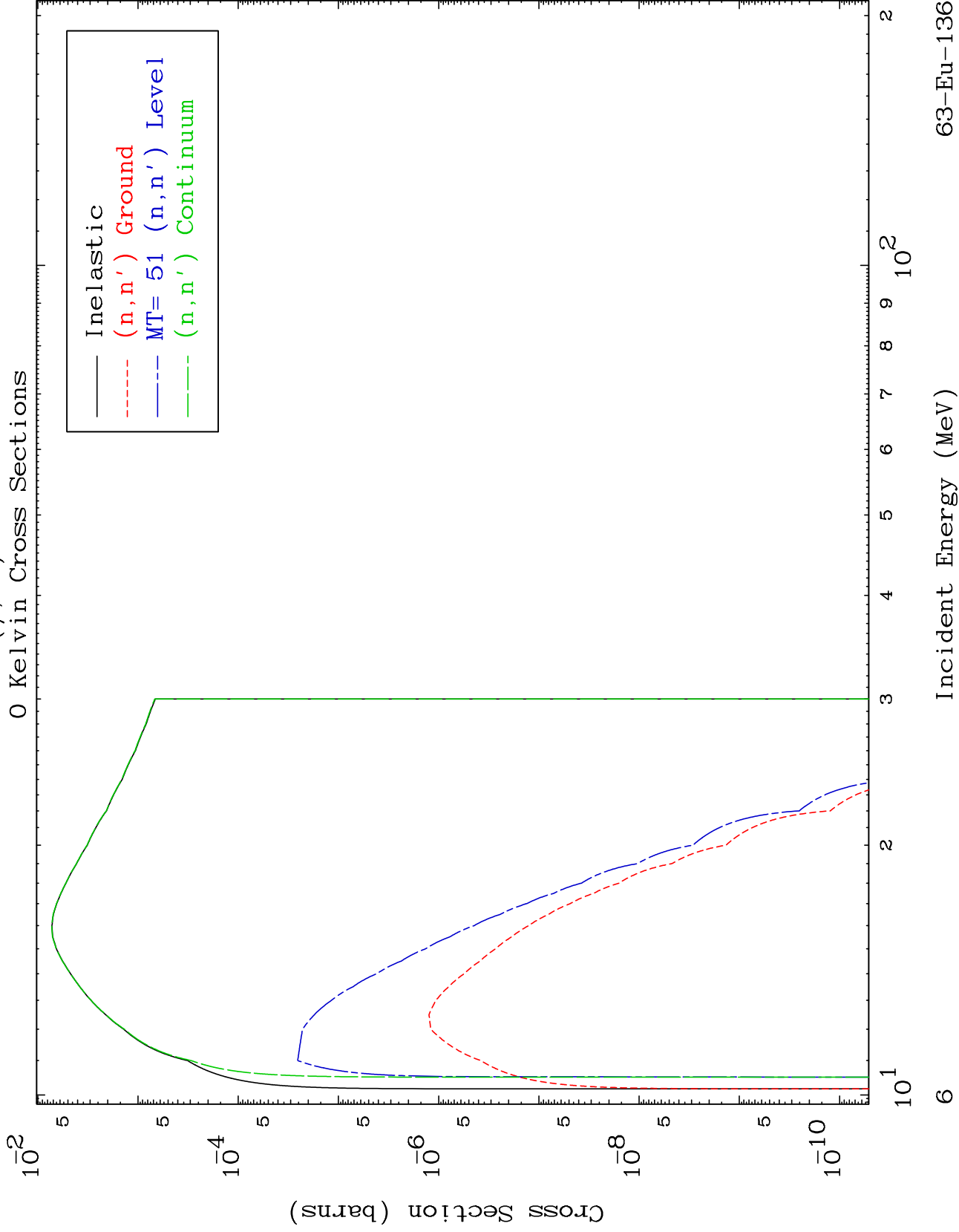




MAT 6280

( $\gamma, n'$ ) Levels

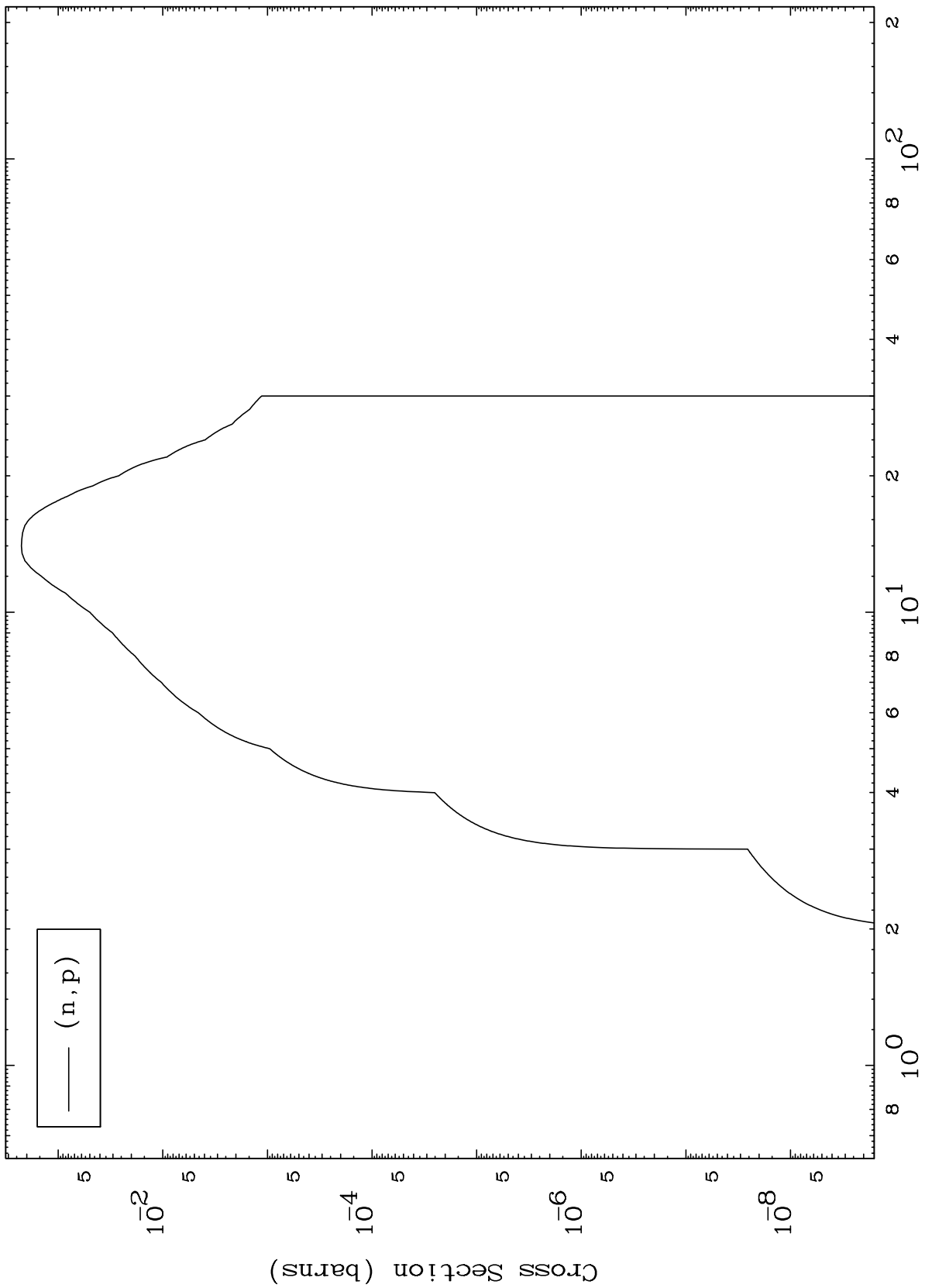
63-Eu-136



MAT 6280

63-Eu-136

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



7

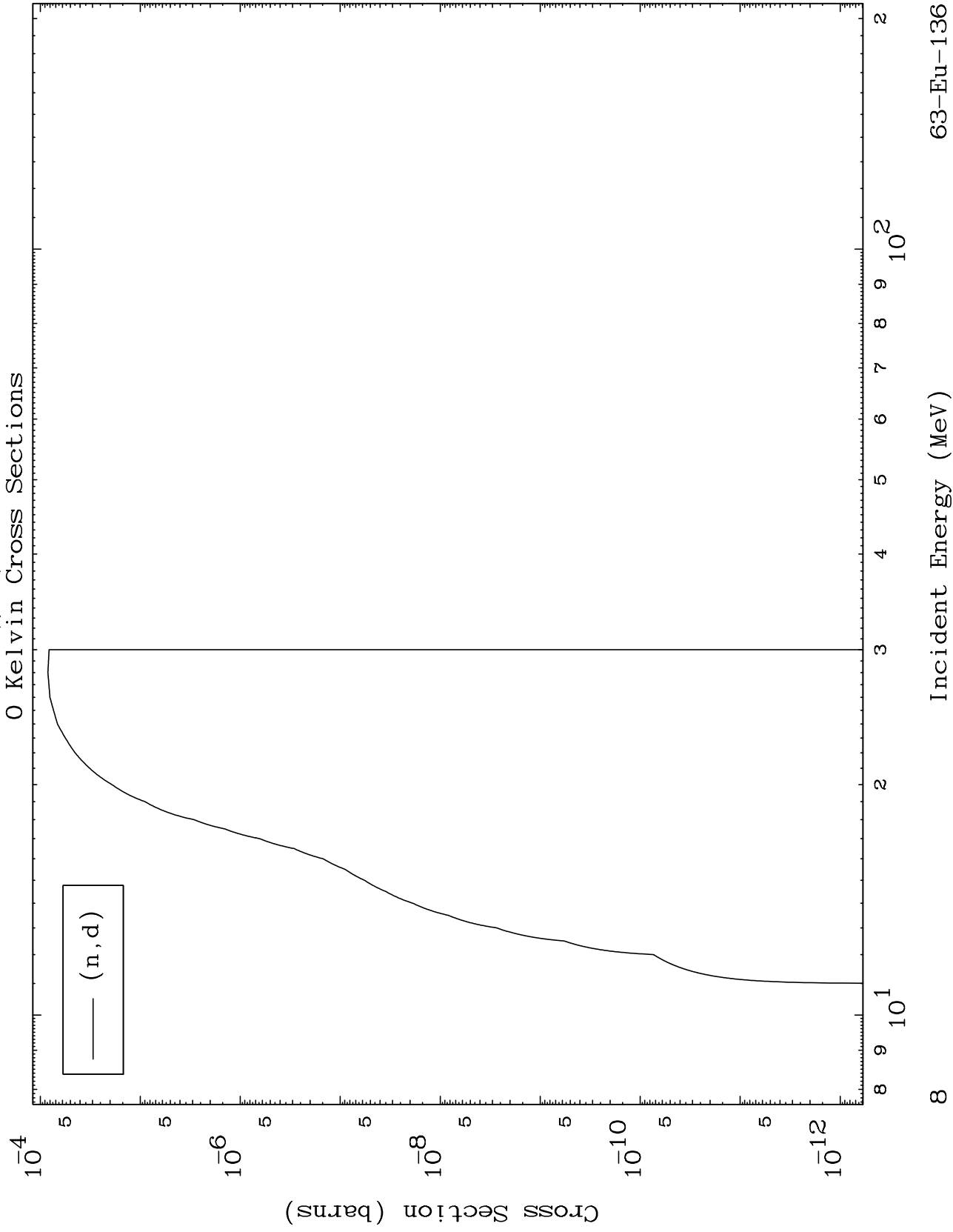
Incident Energy (MeV)

63-Eu-136

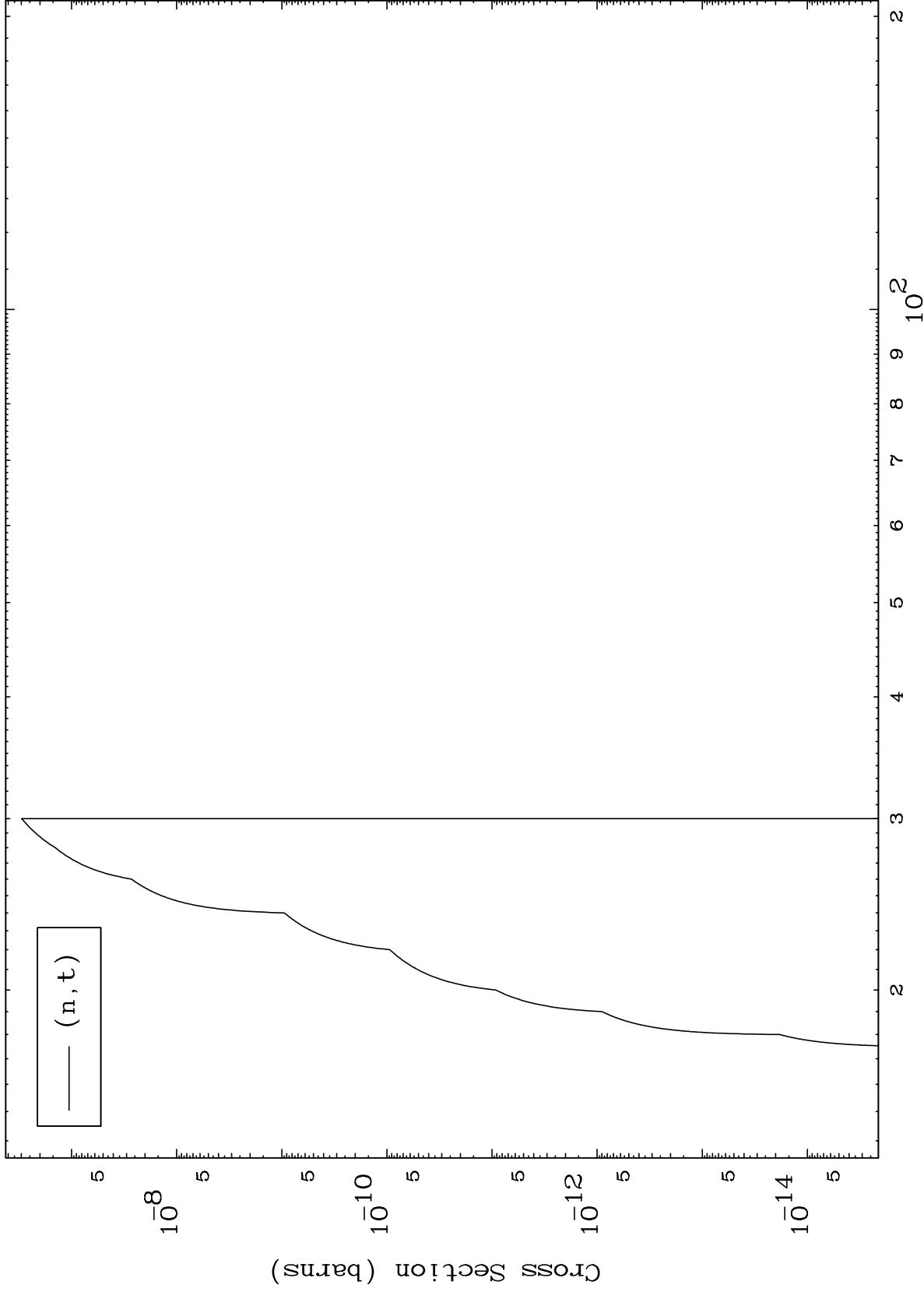
MAT 6280

( $\gamma, d$ ) Levels

63-Eu-136



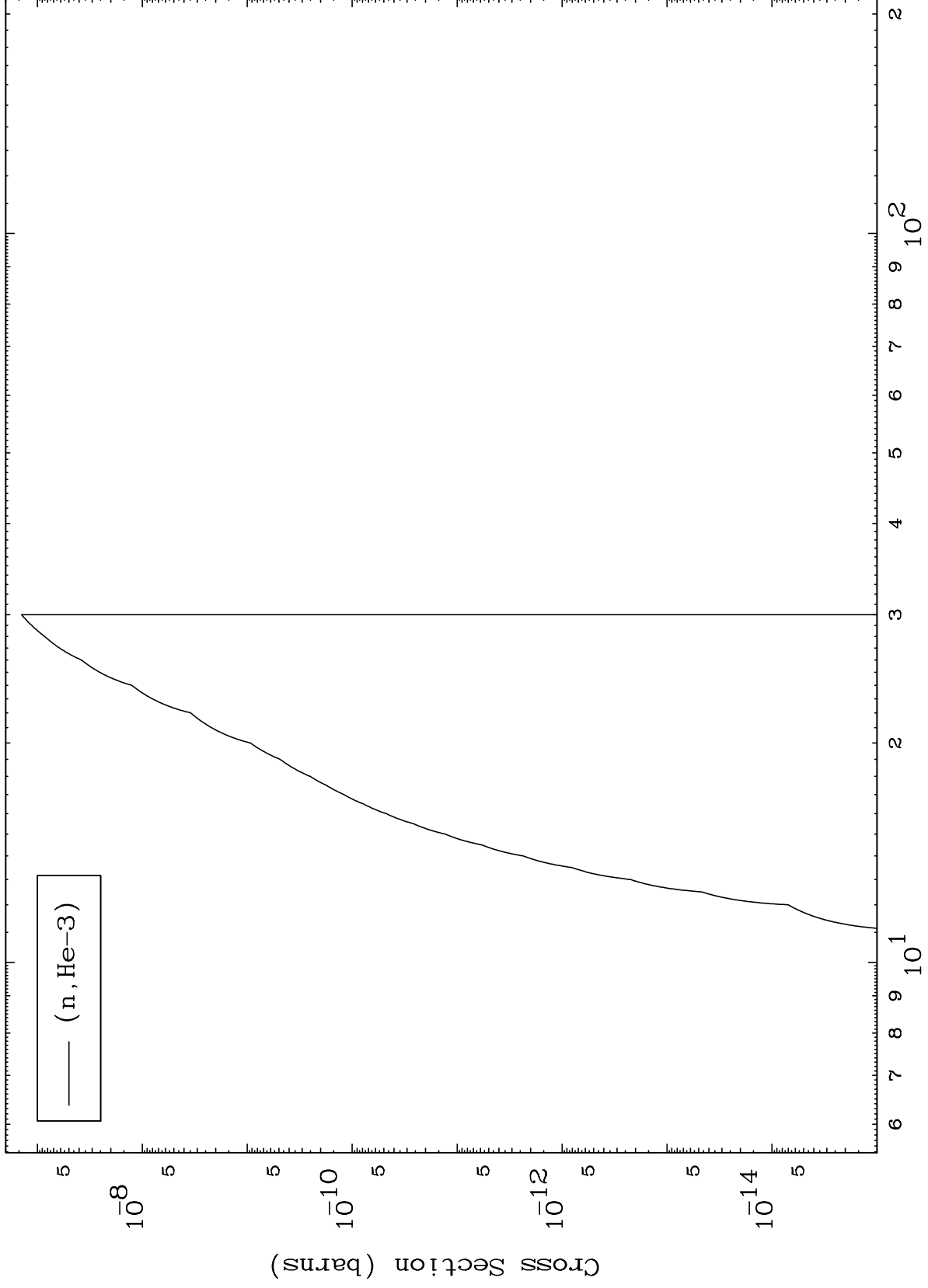
8



MAT 6280

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

63-Eu-136



10

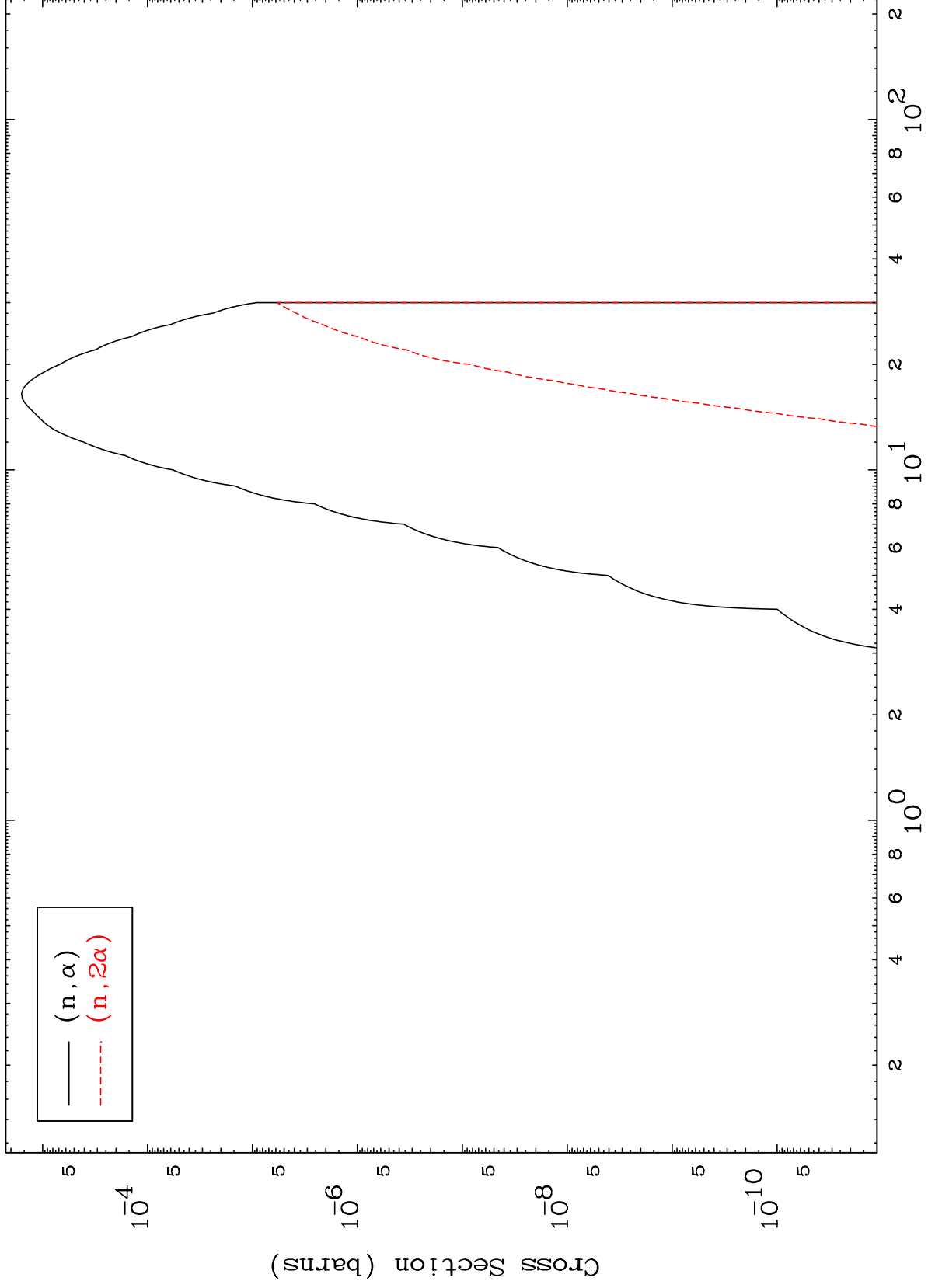
Incident Energy (MeV)

63-Eu-136

MAT 6280

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

63-Eu-136

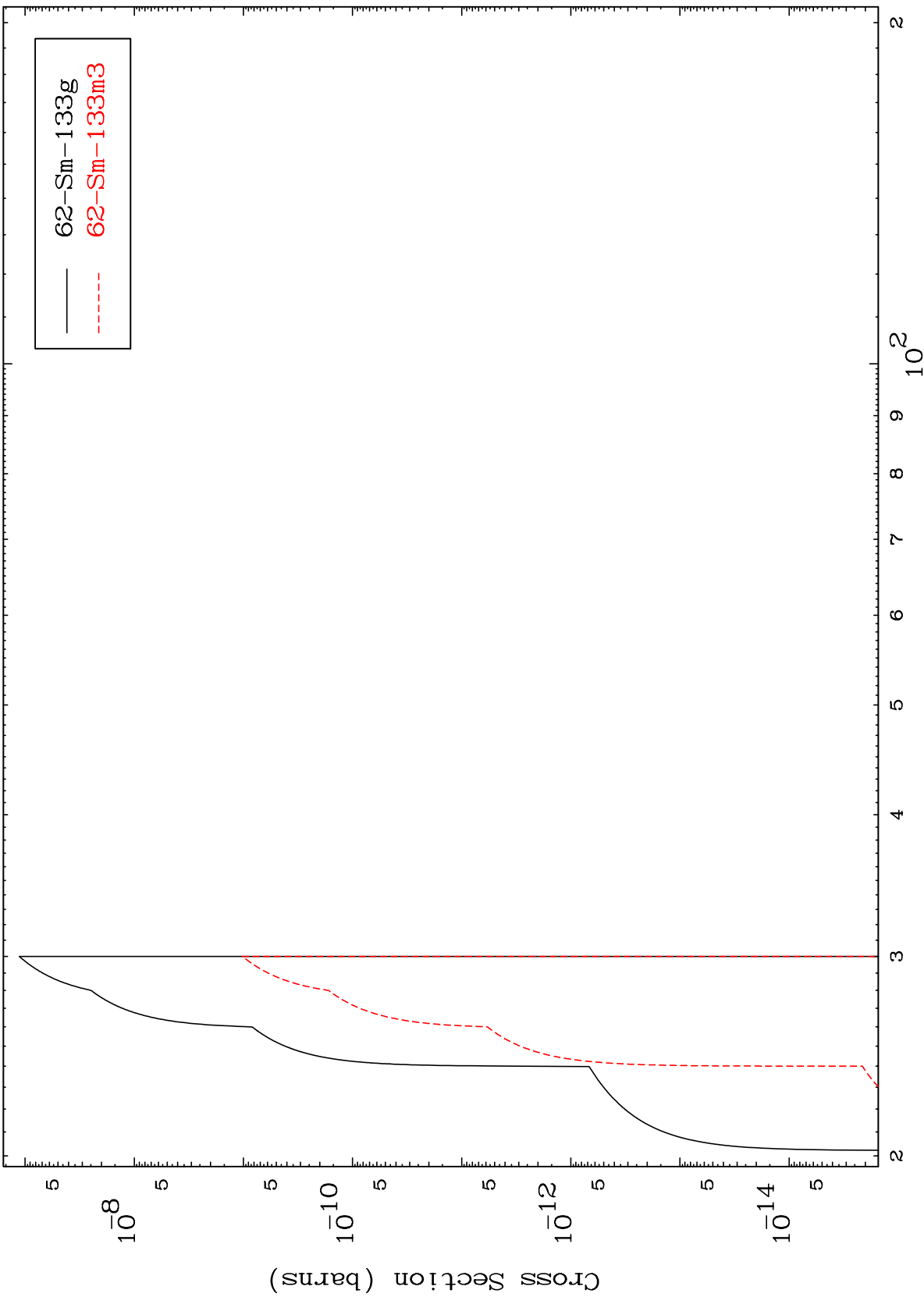


MAT 6280

(n,n') d

63-Eu-136

Radionuclide Production Cross Section

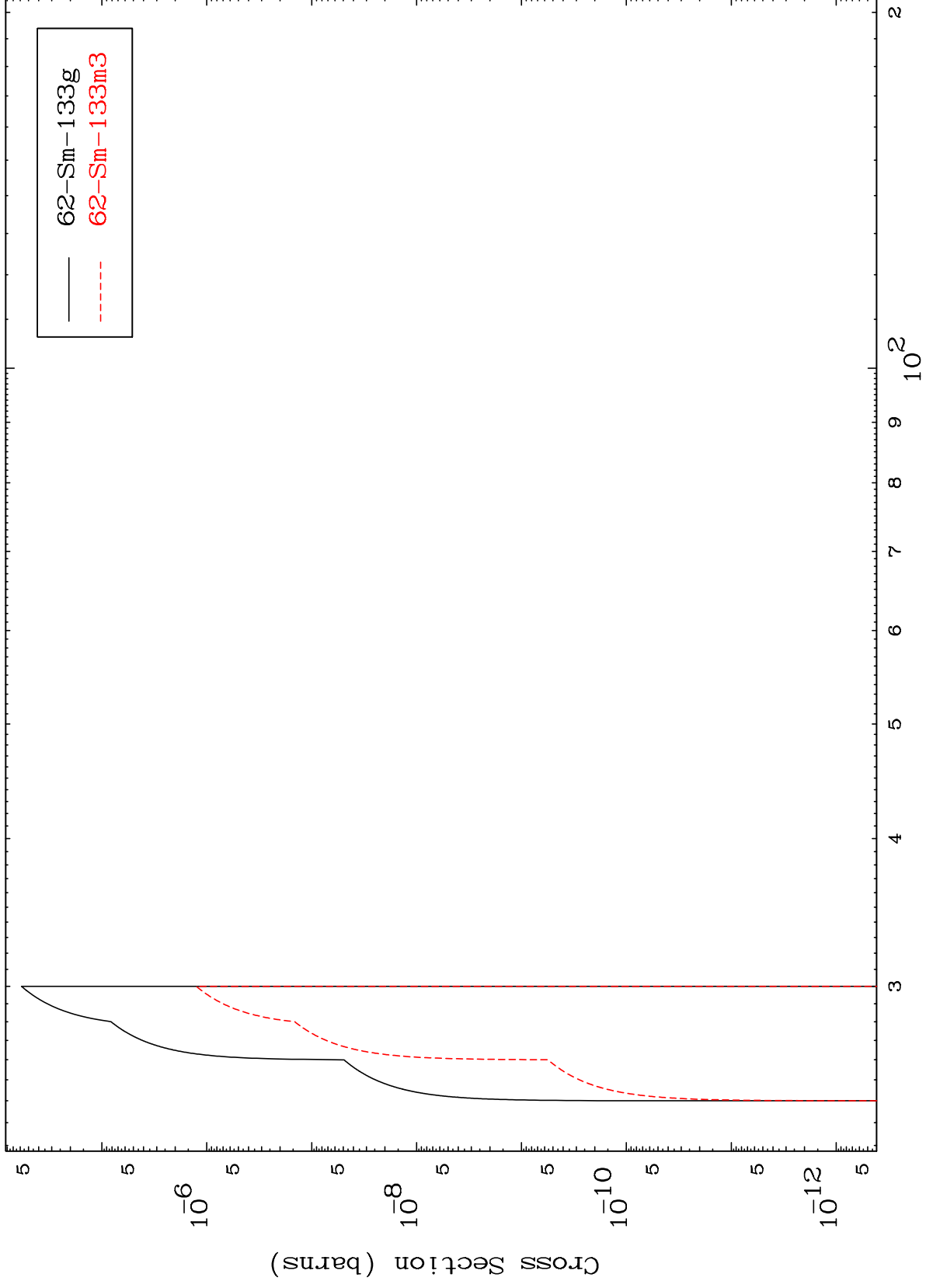


12

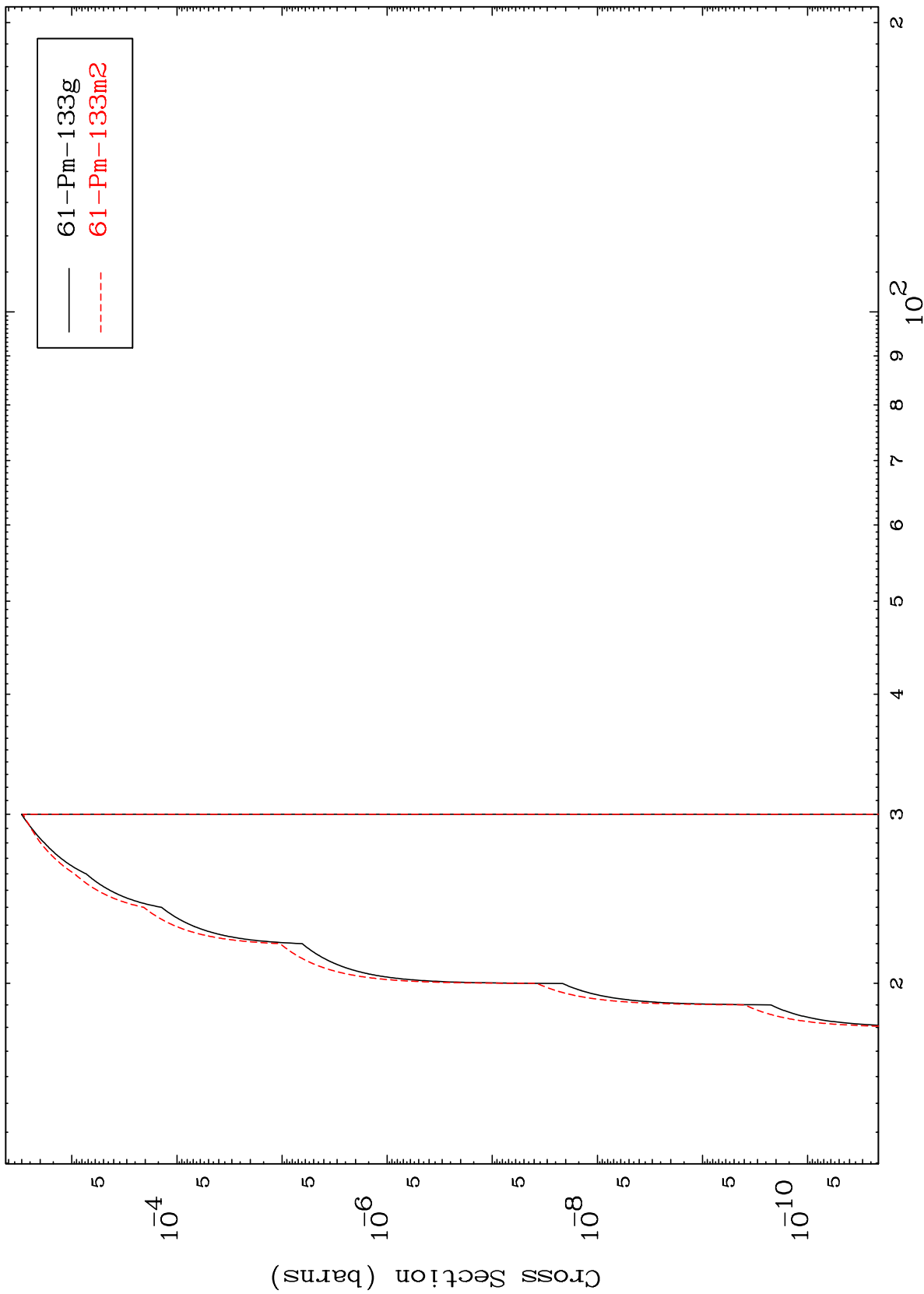
Incident Energy (MeV)

63-Eu-136

Radionuclide Production Cross Section



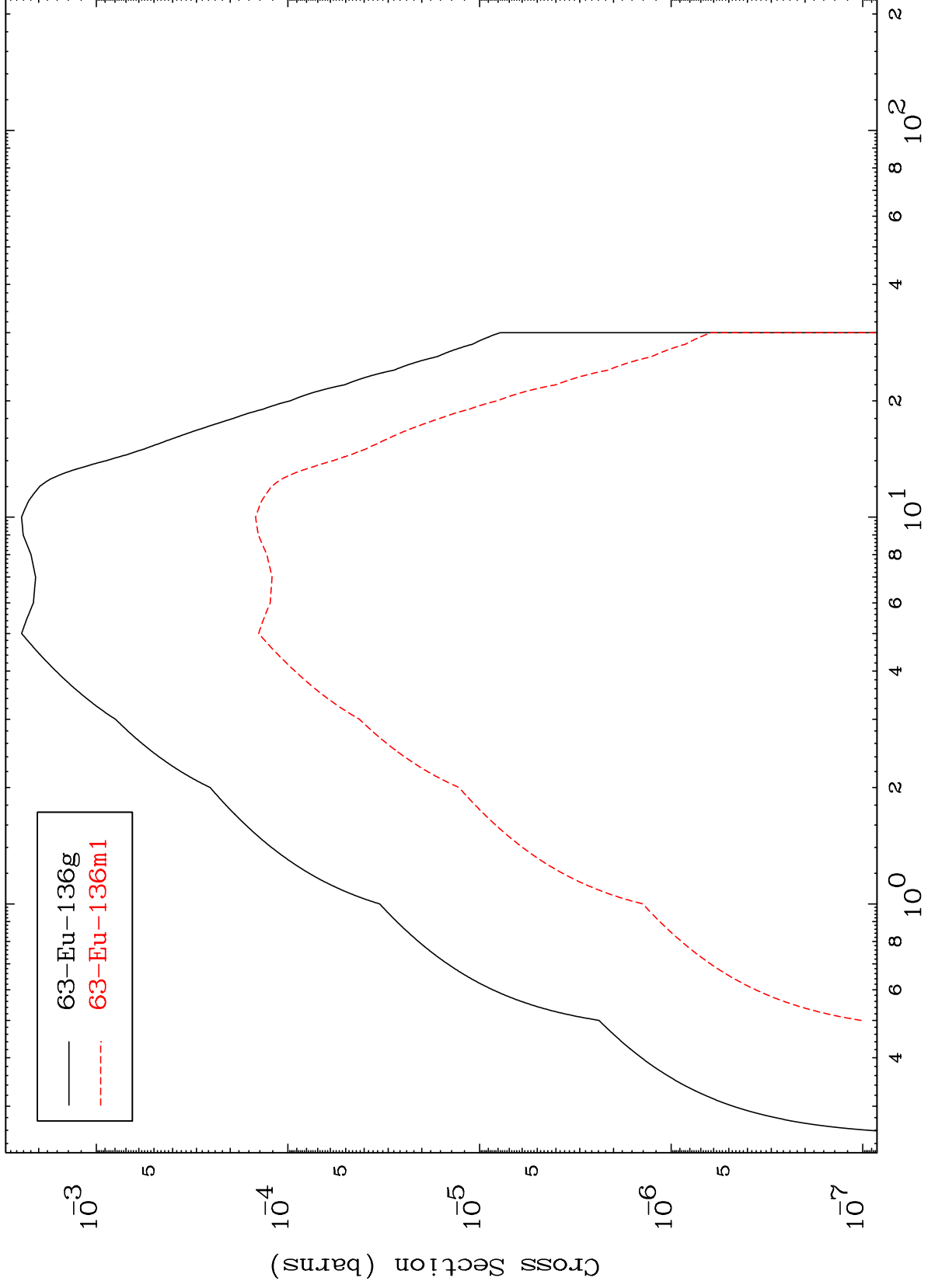
Radionuclide Production Cross Section



MAT 6280

<sup>63</sup>-Eu-136

(n,γ)  
Radionuclide Production Cross Section



— 63-Eu-136g  
- - - 63-Eu-136m1

<sup>63</sup>-Eu-136

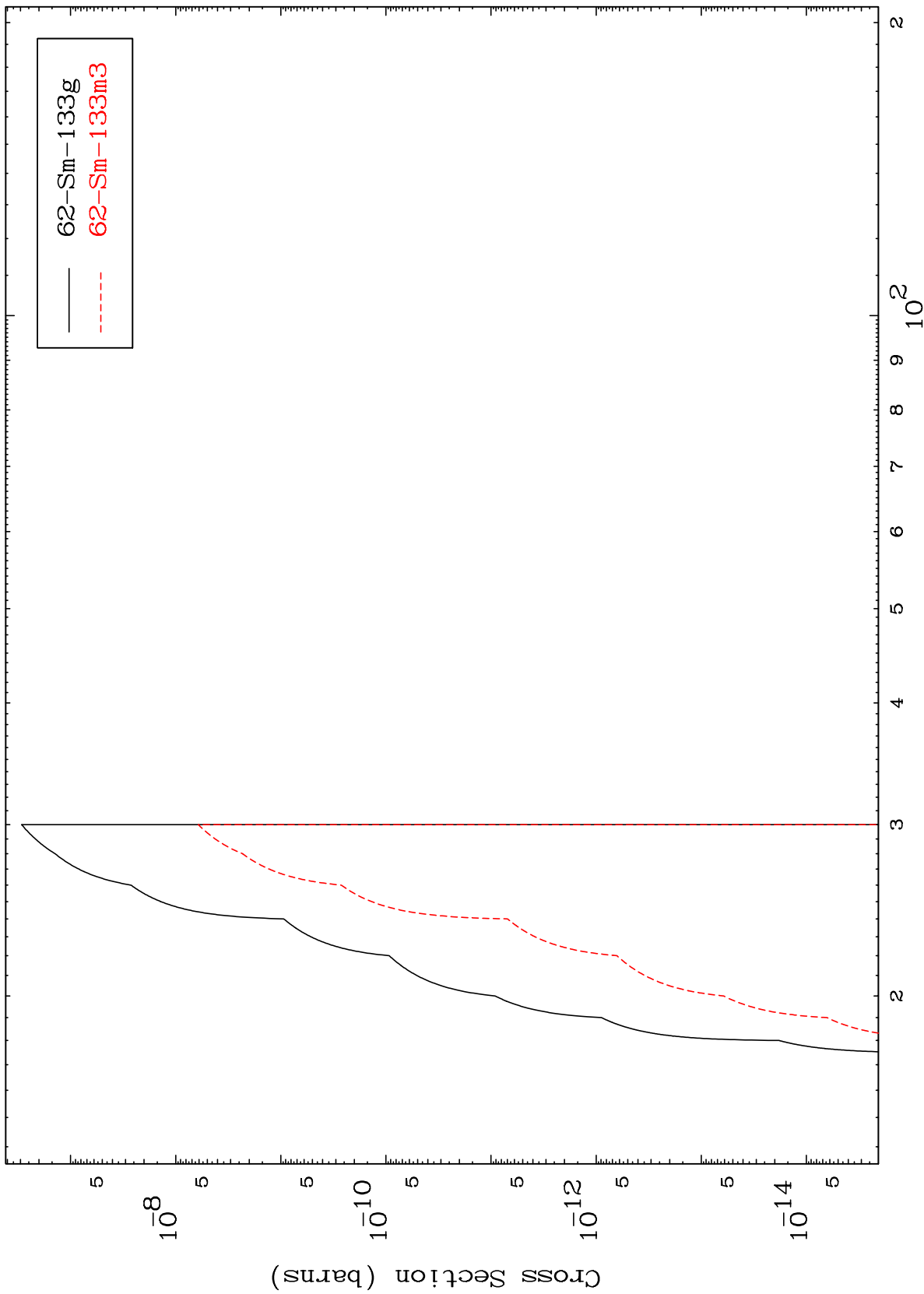
Incident Energy (MeV)

15

MAT 6280

63-Eu-136

(n,t)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

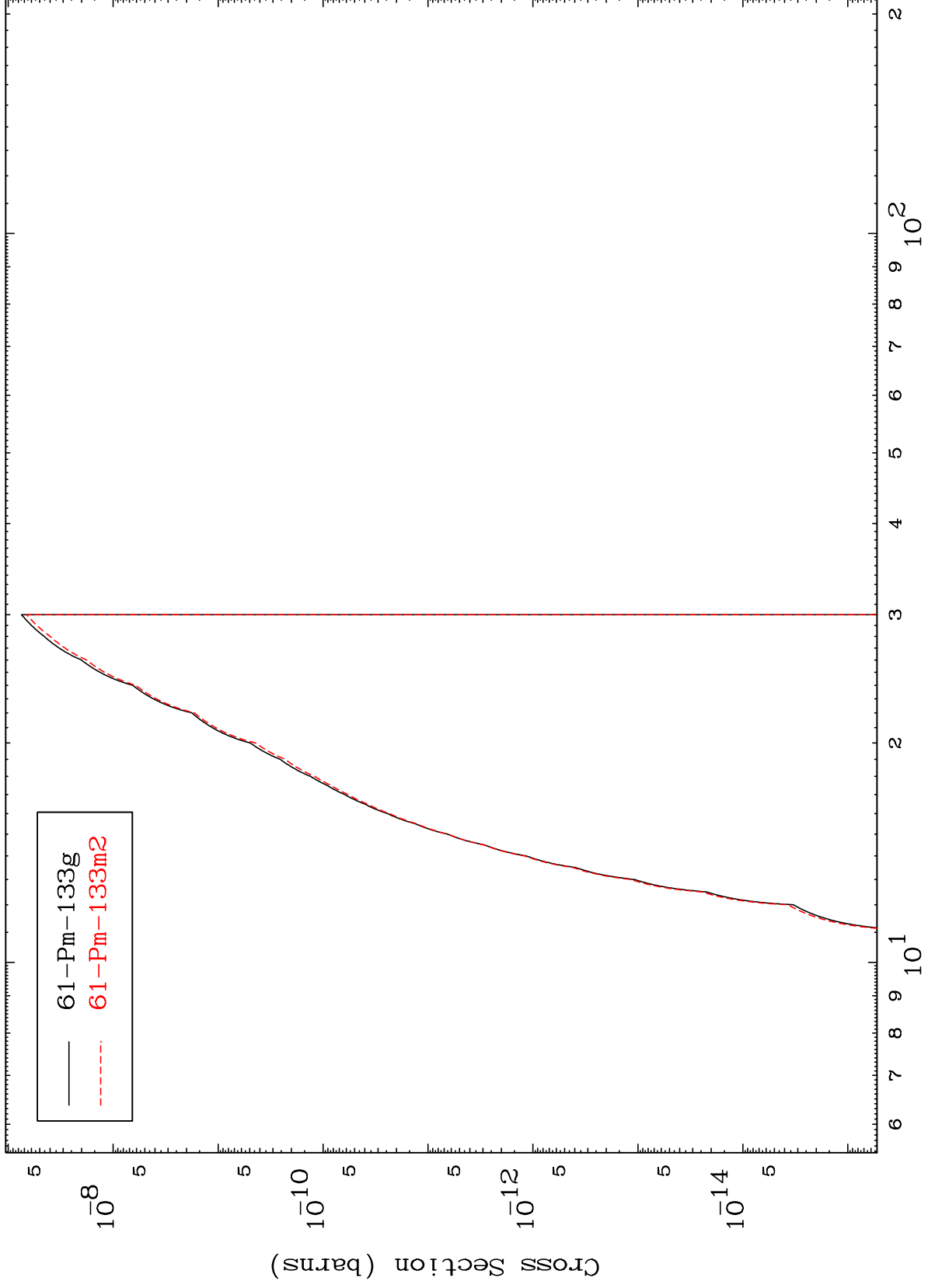
63-Eu-136

MAT 6280

(n,He-3)

63-Eu-136

Radionuclide Production Cross Section



61-Pm-133g  
61-Pm-133m2

17

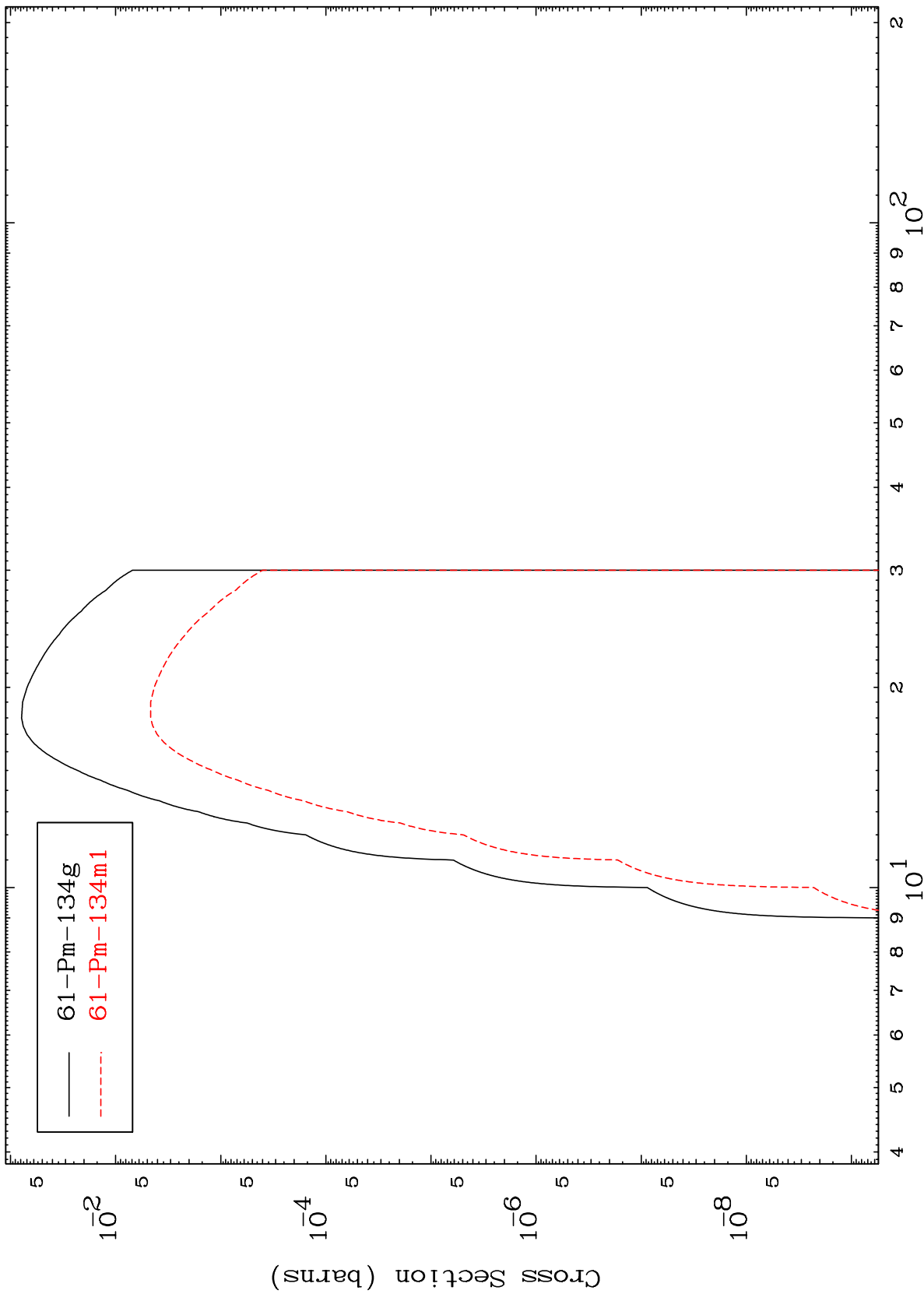
Incident Energy (MeV)

63-Eu-136

MAT 6280

63-Eu-136

(n,2p)  
Radionuclide Production Cross Section



63-Eu-136

Incident Energy (MeV)

18

Radionuclide Production Cross Section

