

Program EVALPLOT  
(Version 2017-1)

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

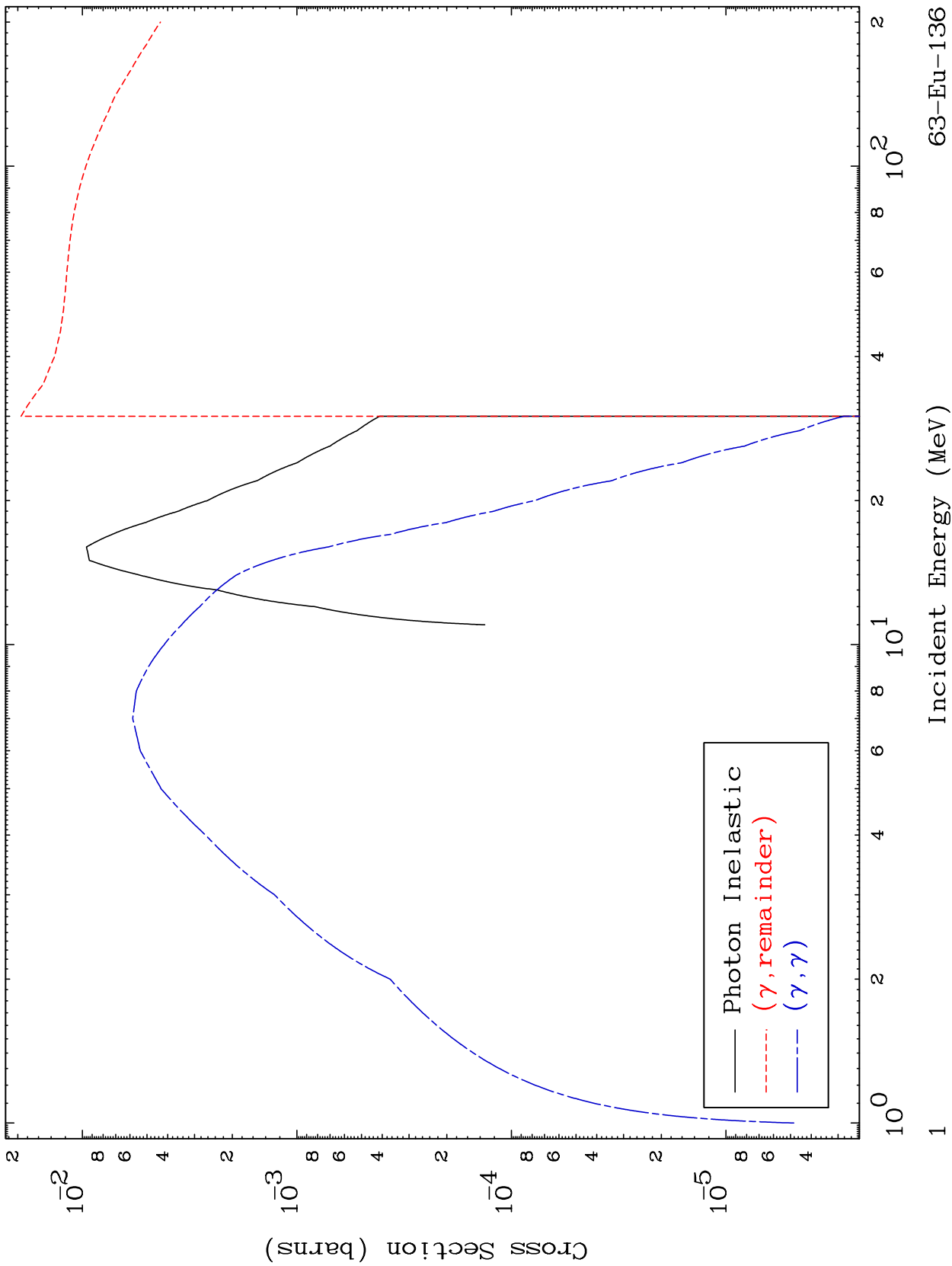
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6280

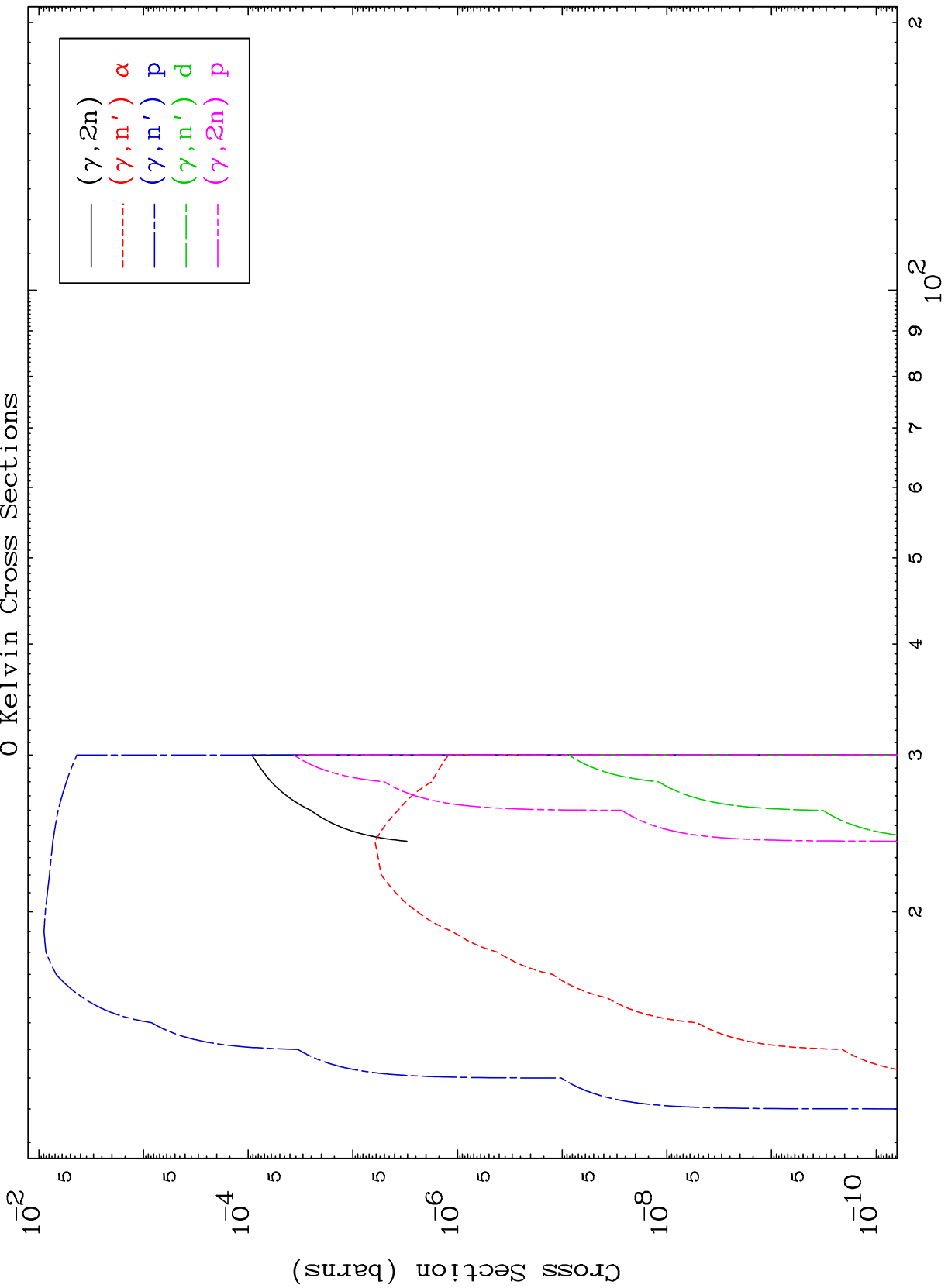
Photon Major  
0 Kelvin Cross Sections

63-Eu-136



63-Eu-136

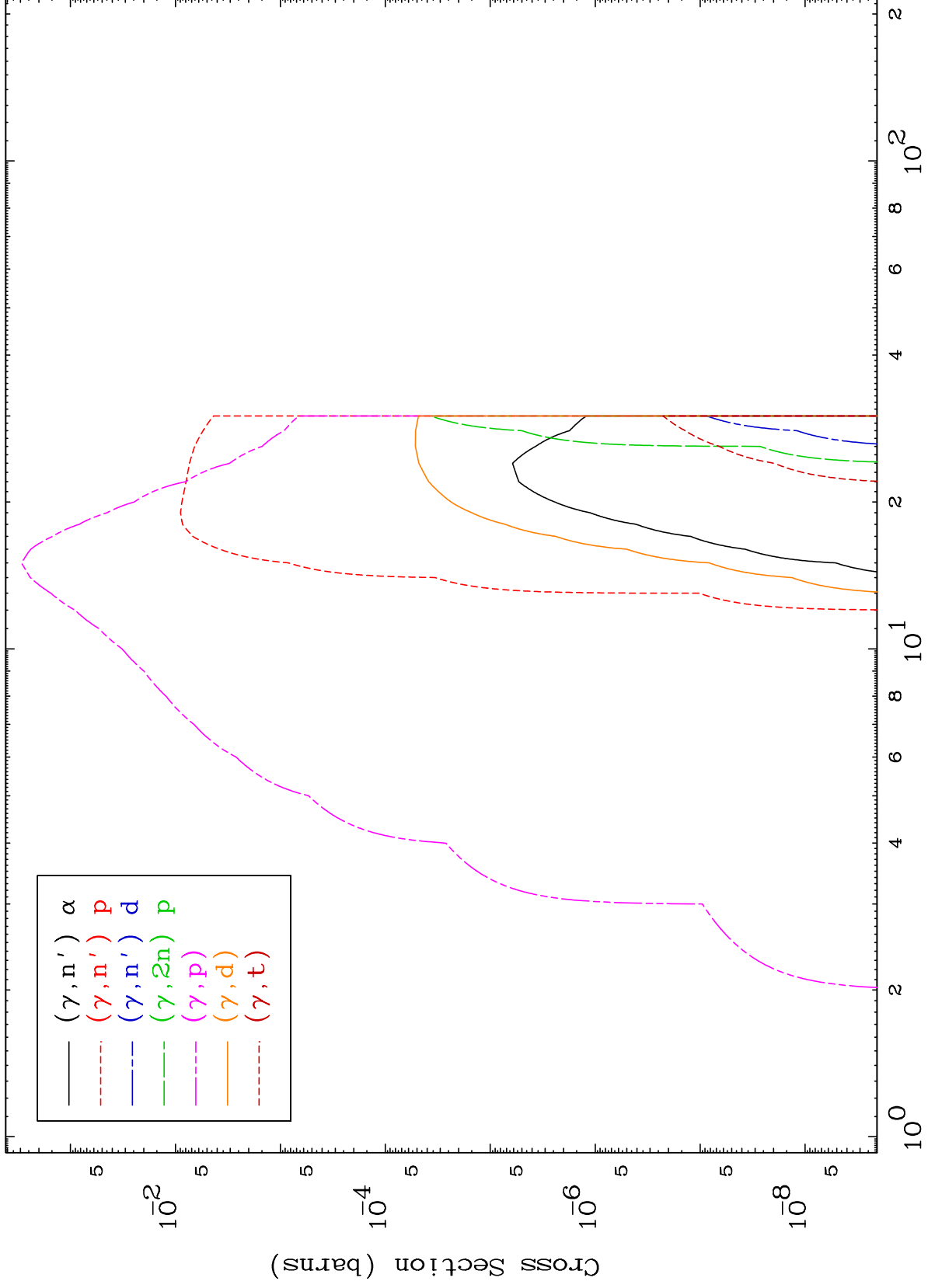
Incident Energy (MeV)



MAT 6280

Photon Charged Particle  
0 Kelvin Cross Sections

63-Eu-136



Incident Energy (MeV)

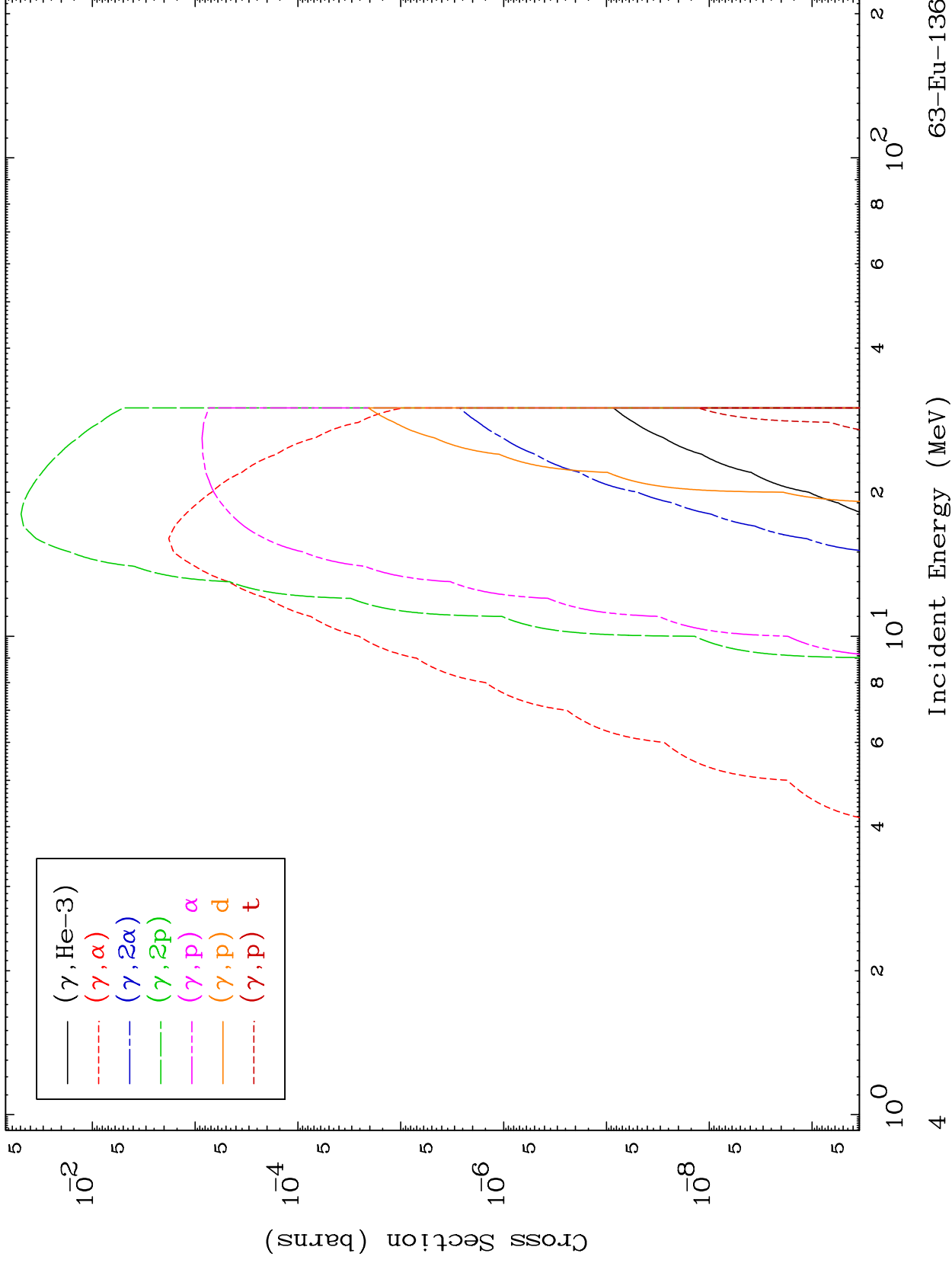
63-Eu-136

3

MAT 6280

Photon Charged Particle  
0 Kelvin Cross Sections

63-Eu-136



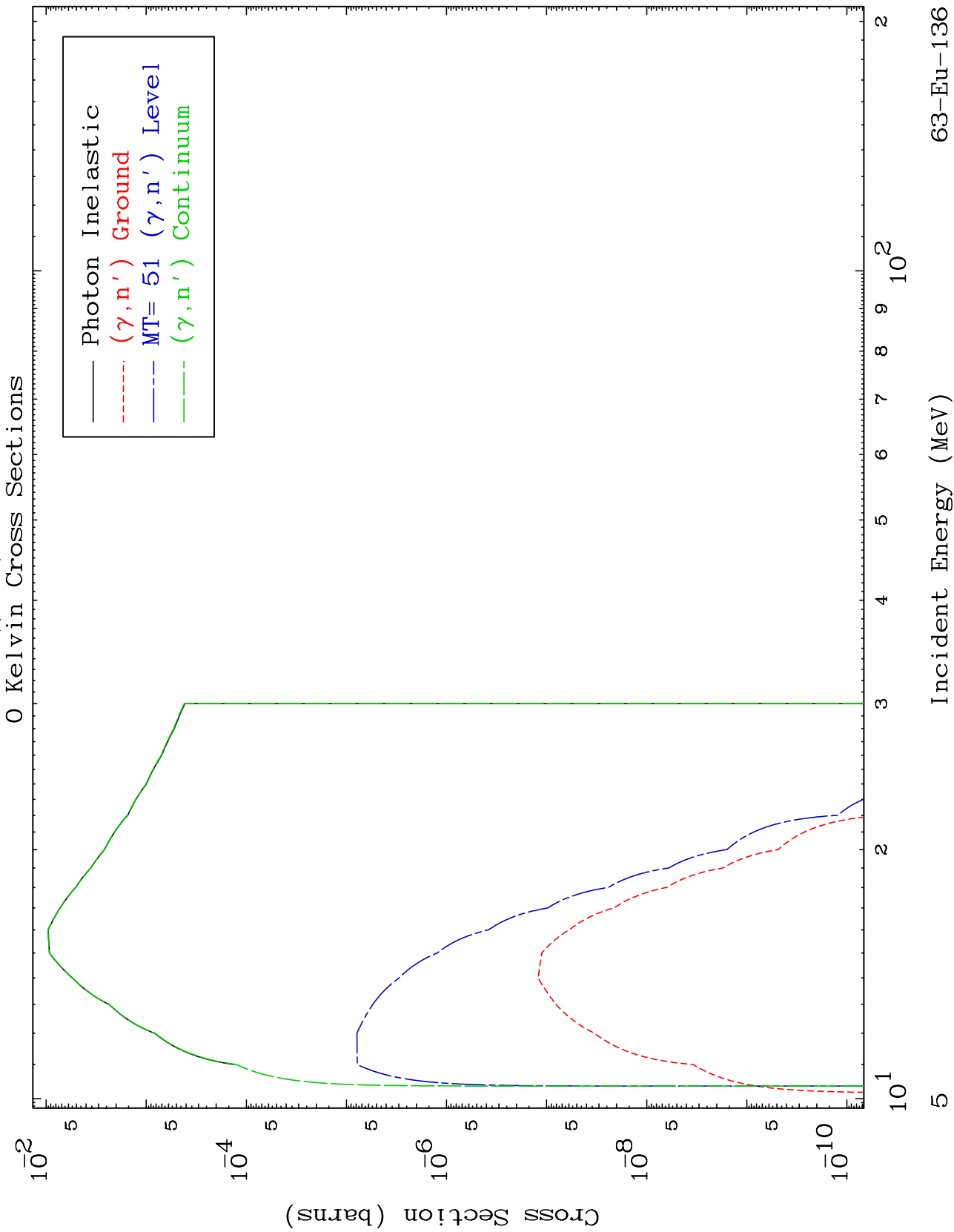
63-Eu-136

Incident Energy (MeV)

MAT 6280

$(\gamma, n')$  Level

63-Eu-136



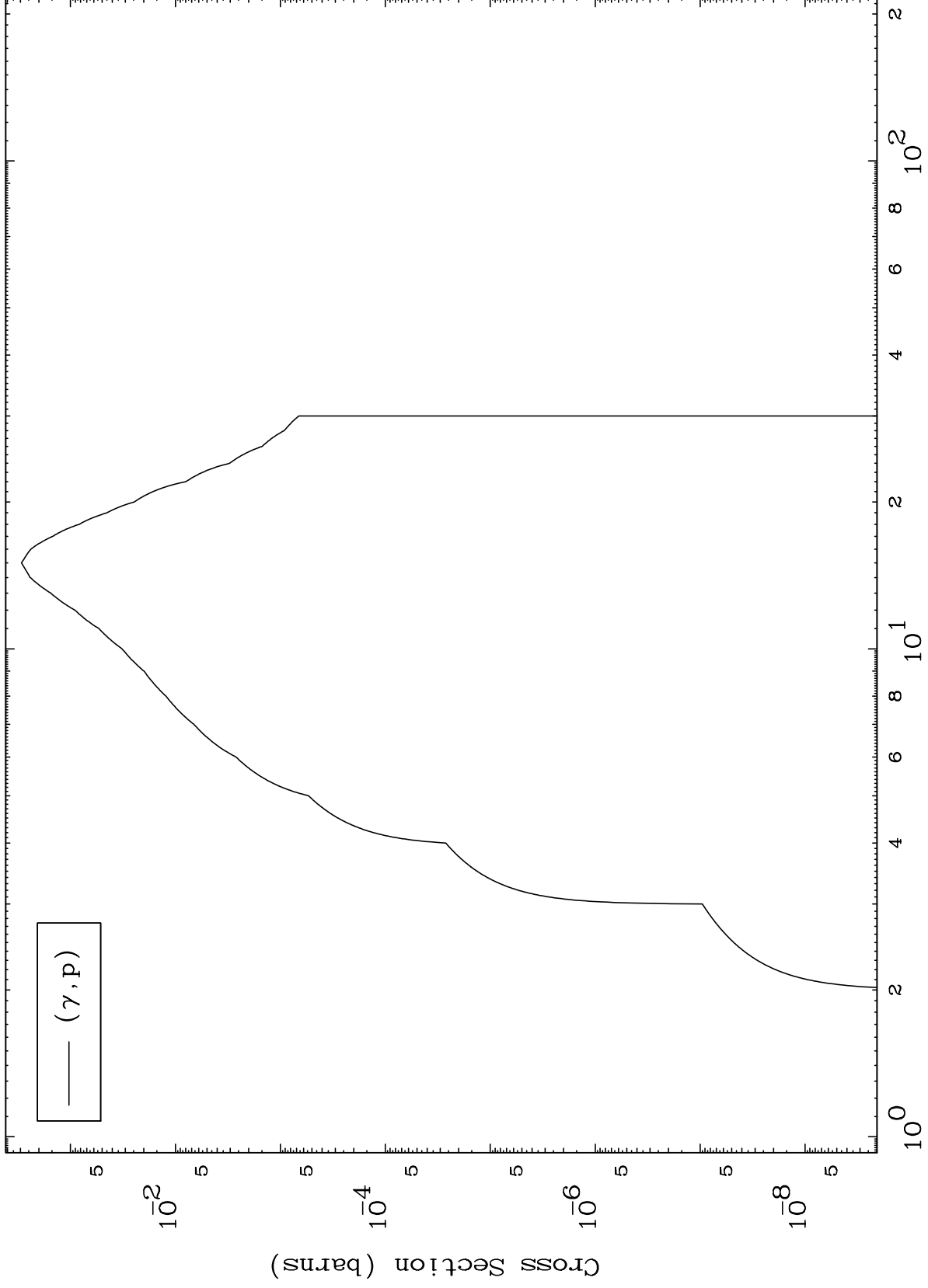
Incident Energy (MeV)

63-Eu-136

MAT 6280

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

63-Eu-136



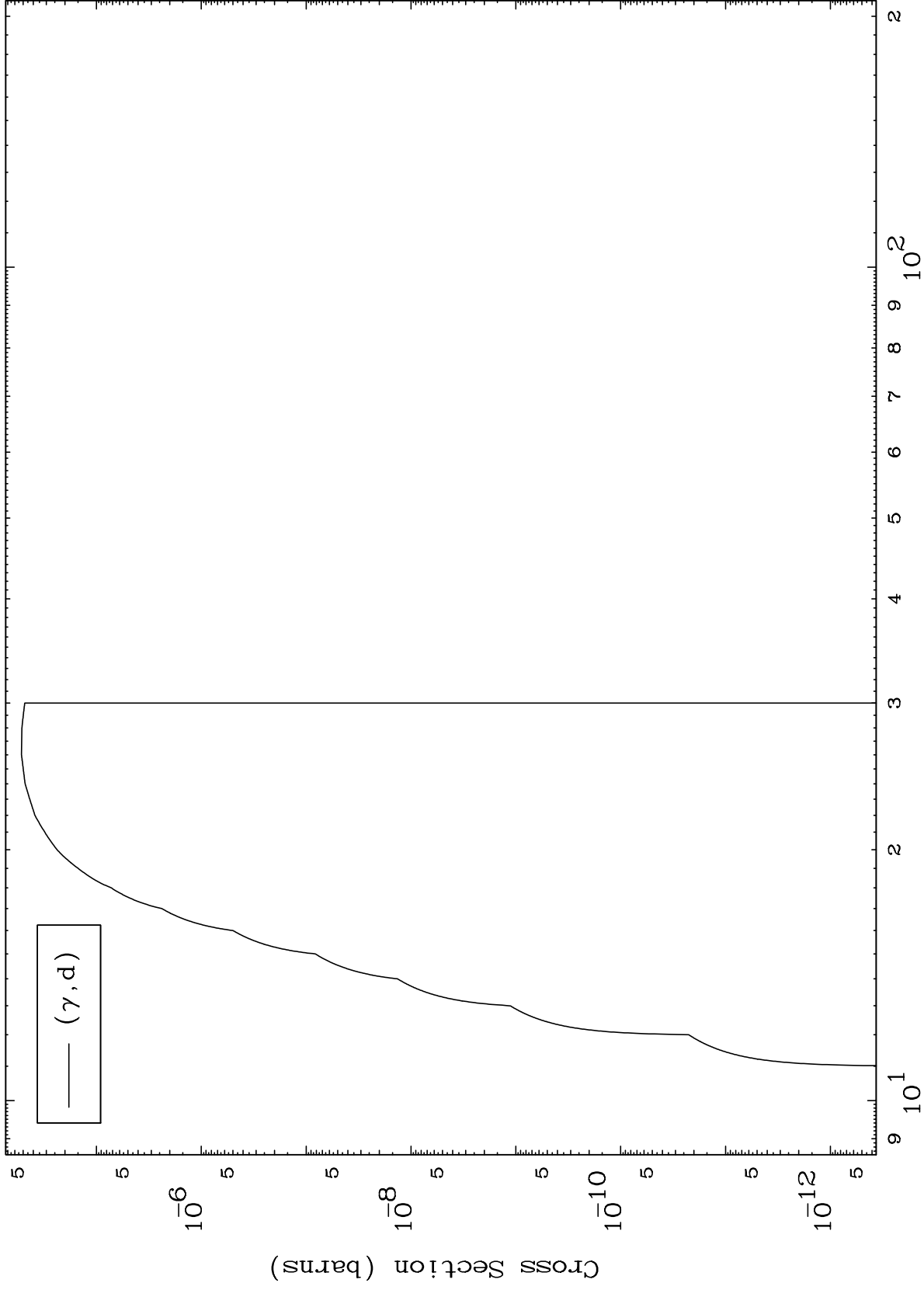
Incident Energy (MeV)

63-Eu-136

MAT 6280

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

63-Eu-136



Incident Energy (MeV)

63-Eu-136

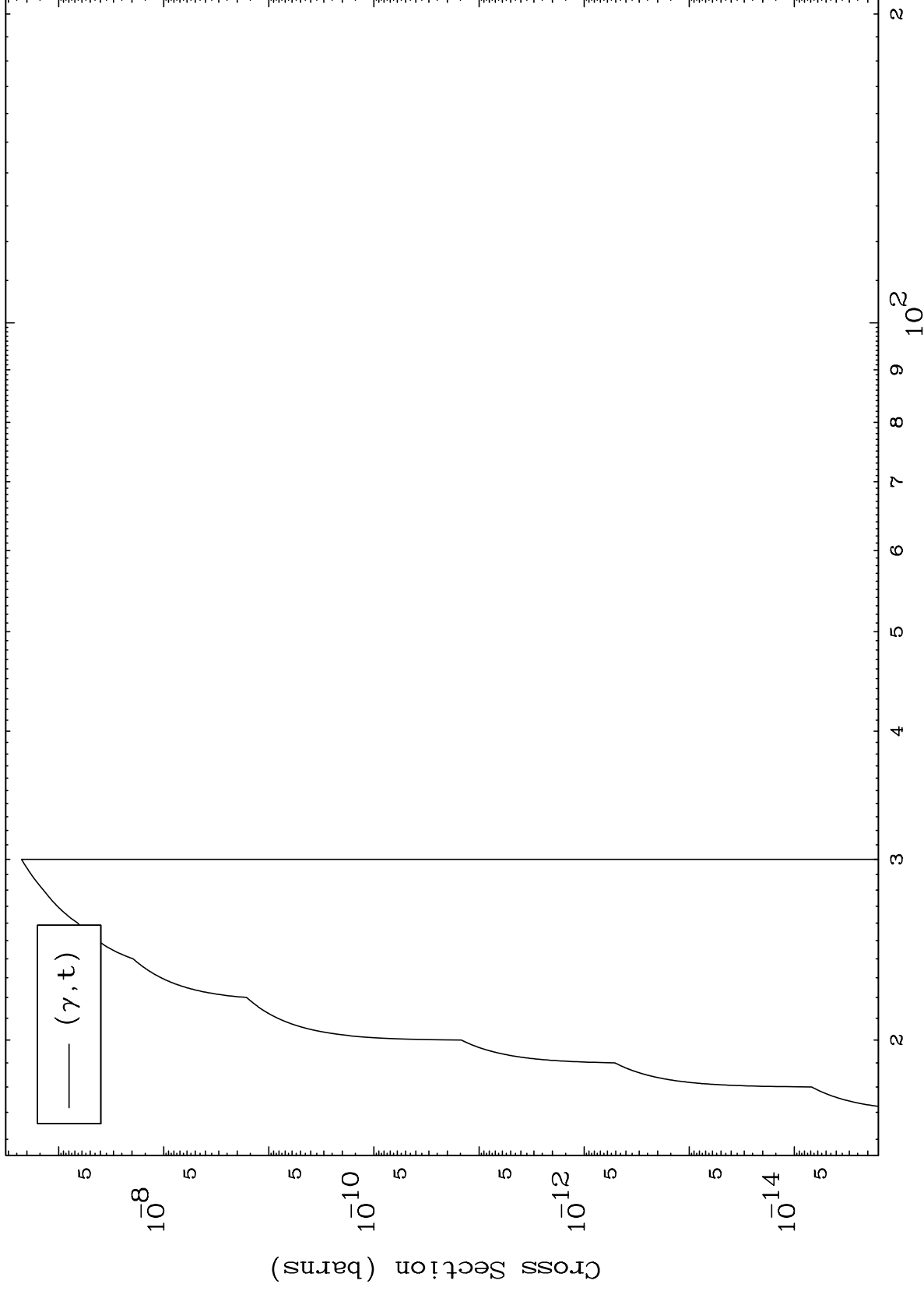
7



MAT 6280

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

63-Eu-136



8

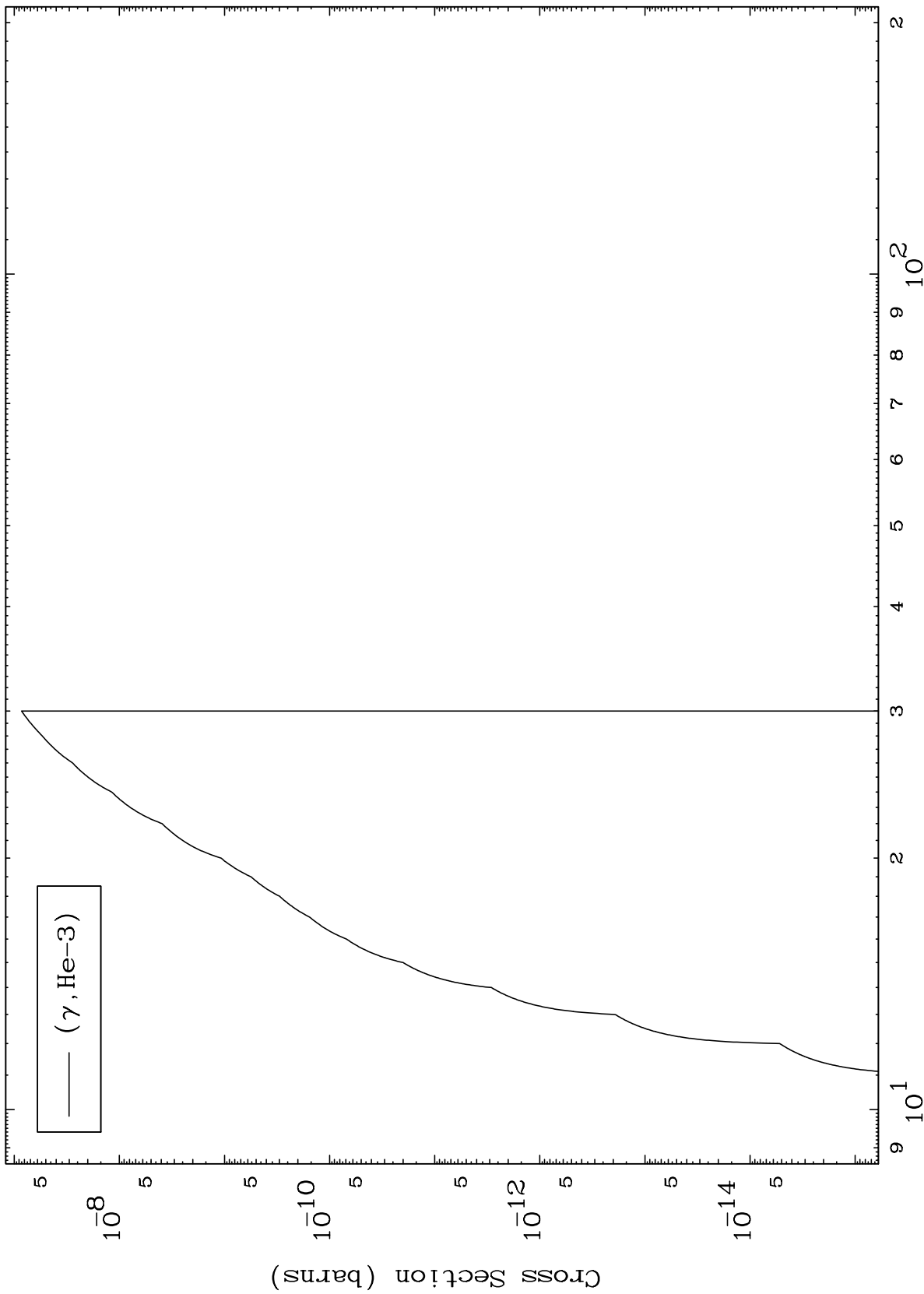
Incident Energy (MeV)

63-Eu-136

MAT 6280

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

63-Eu-136



9

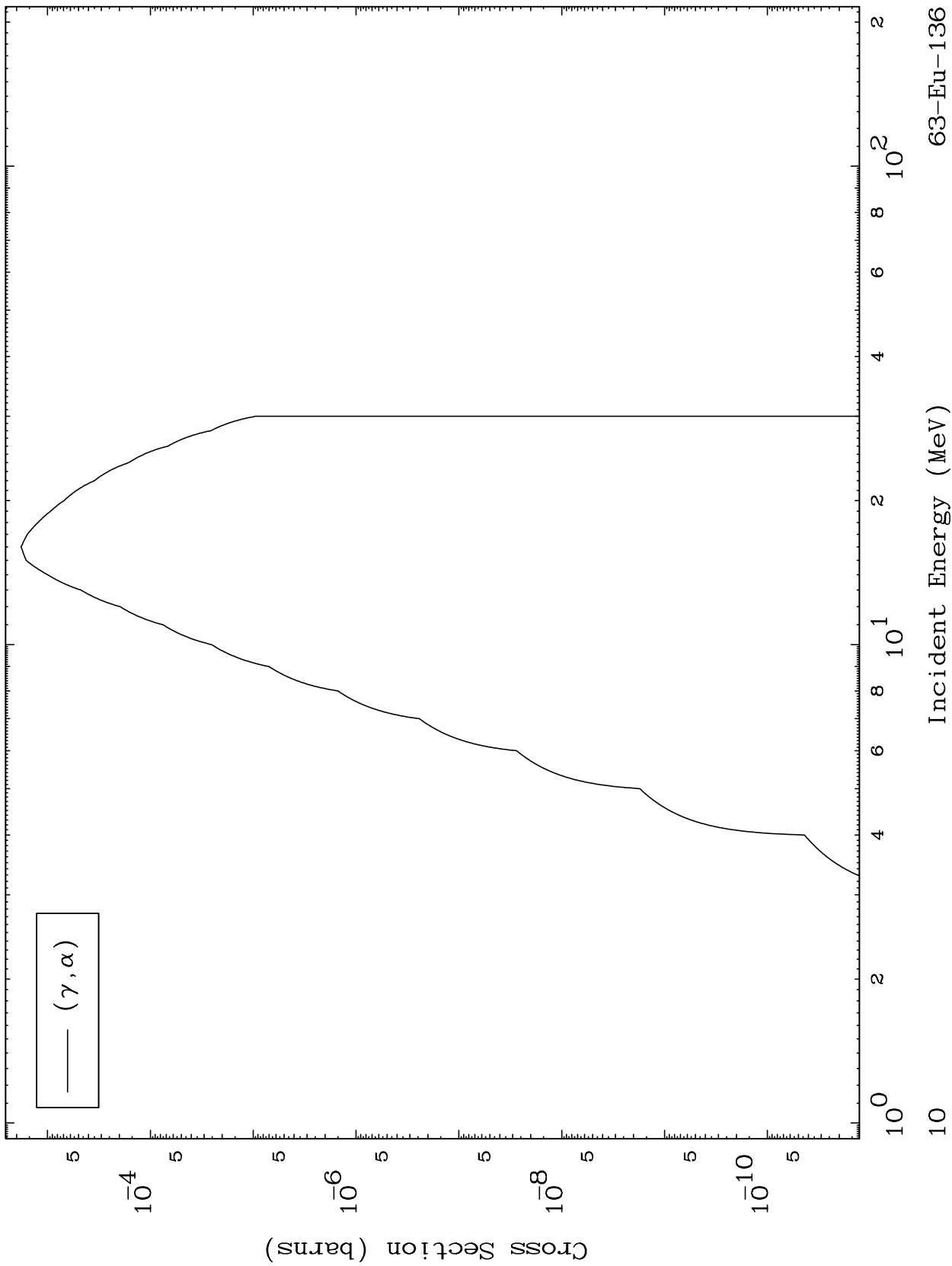
Incident Energy (MeV)

63-Eu-136

MAT 6280

63-Eu-136

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



63-Eu-136

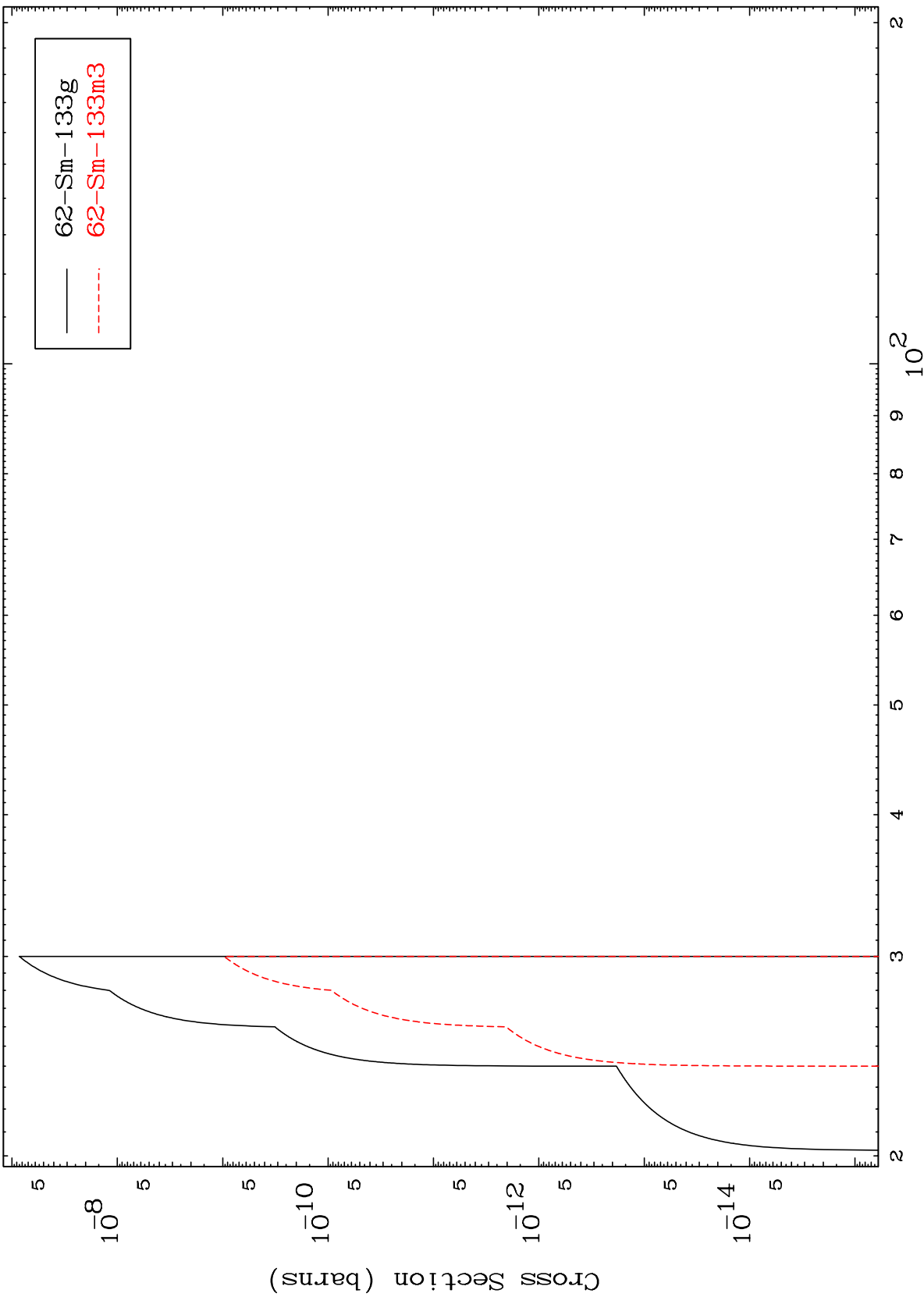
Incident Energy (MeV)

MAT 6280

( $\gamma, n'$ ) d

63-Eu-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

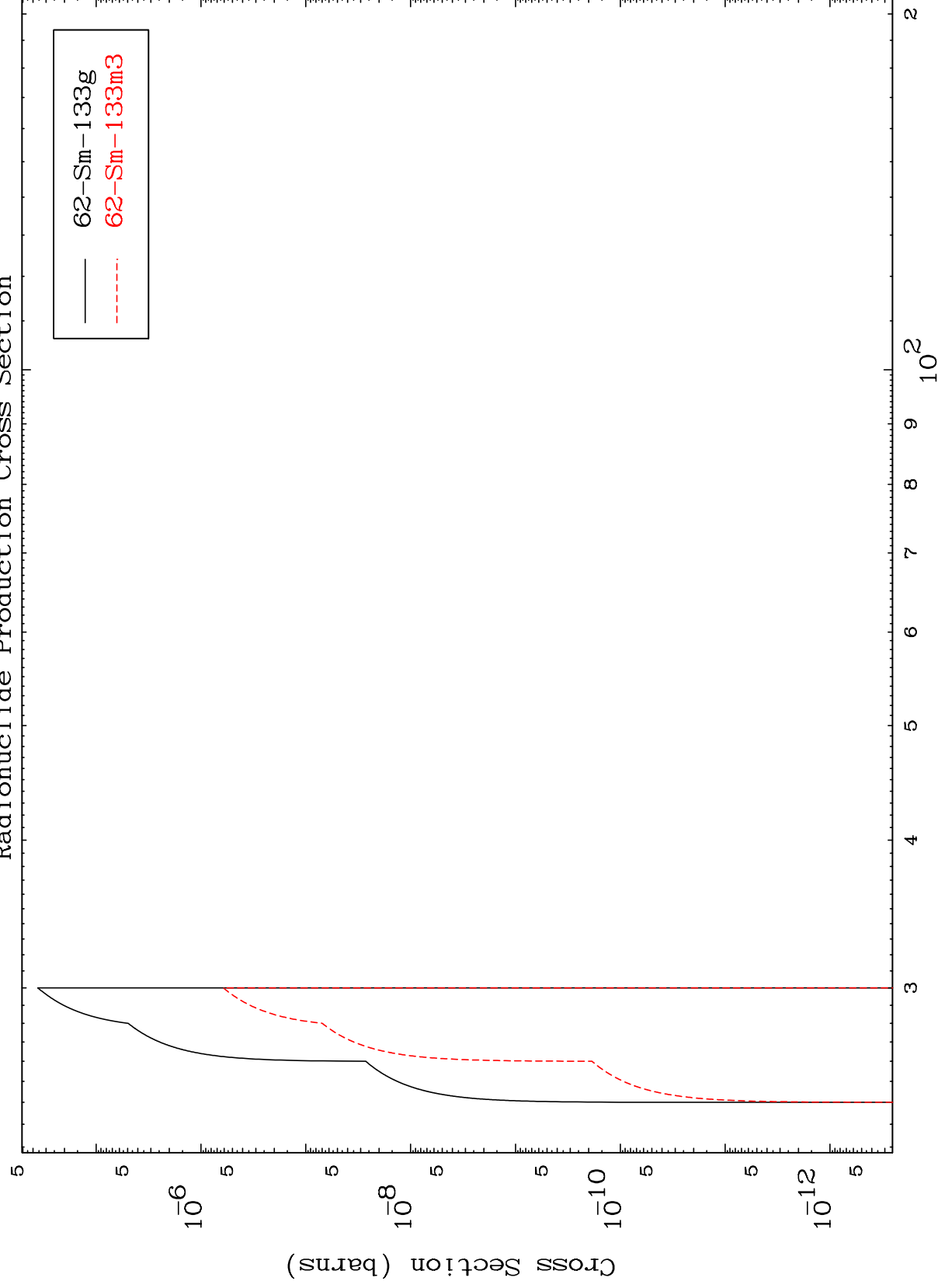
63-Eu-136

MAT 6280

$(\gamma, 2n)$  p

63-Eu-136

Radionuclide Production Cross Section

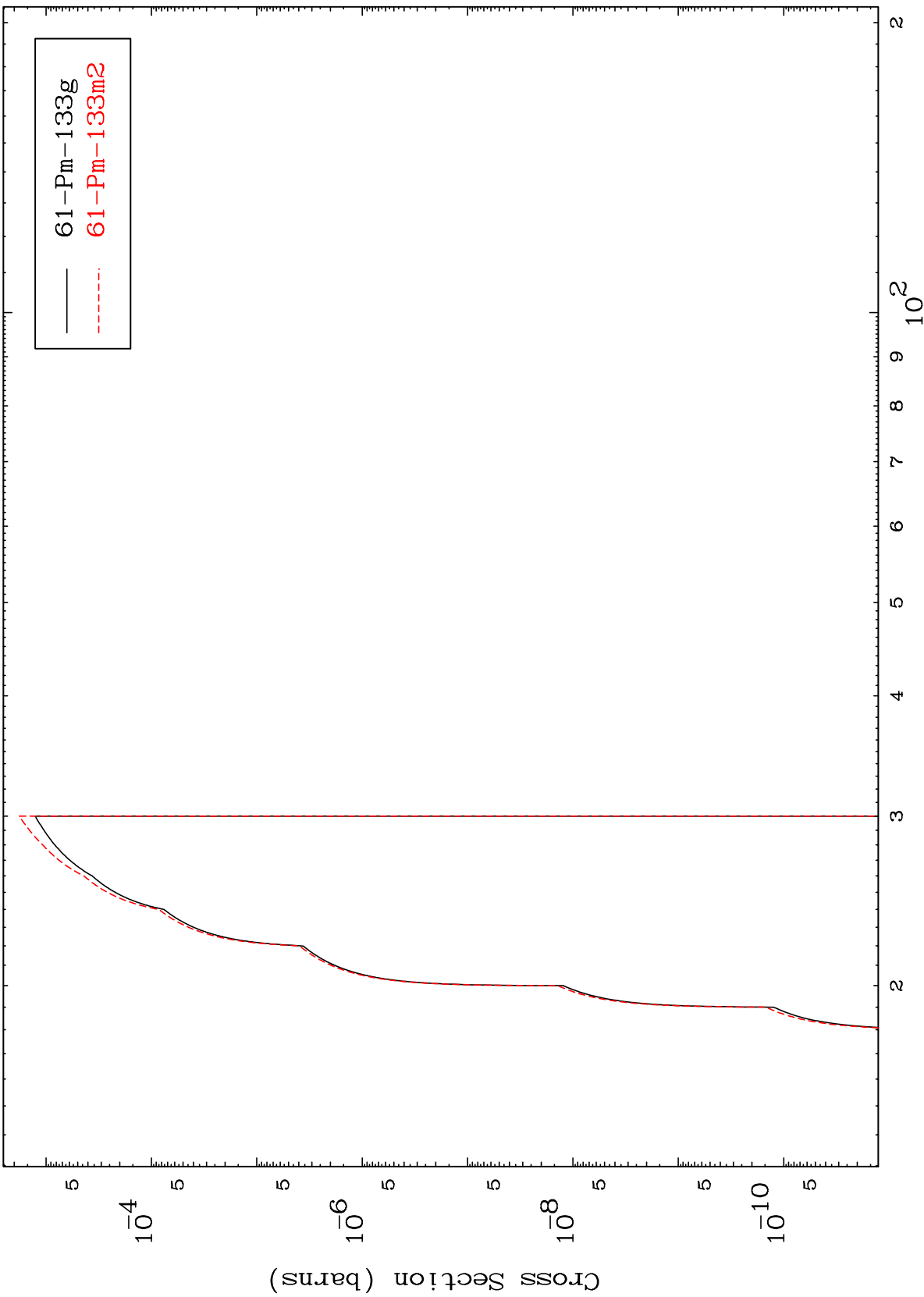


12

Incident Energy (MeV)

63-Eu-136

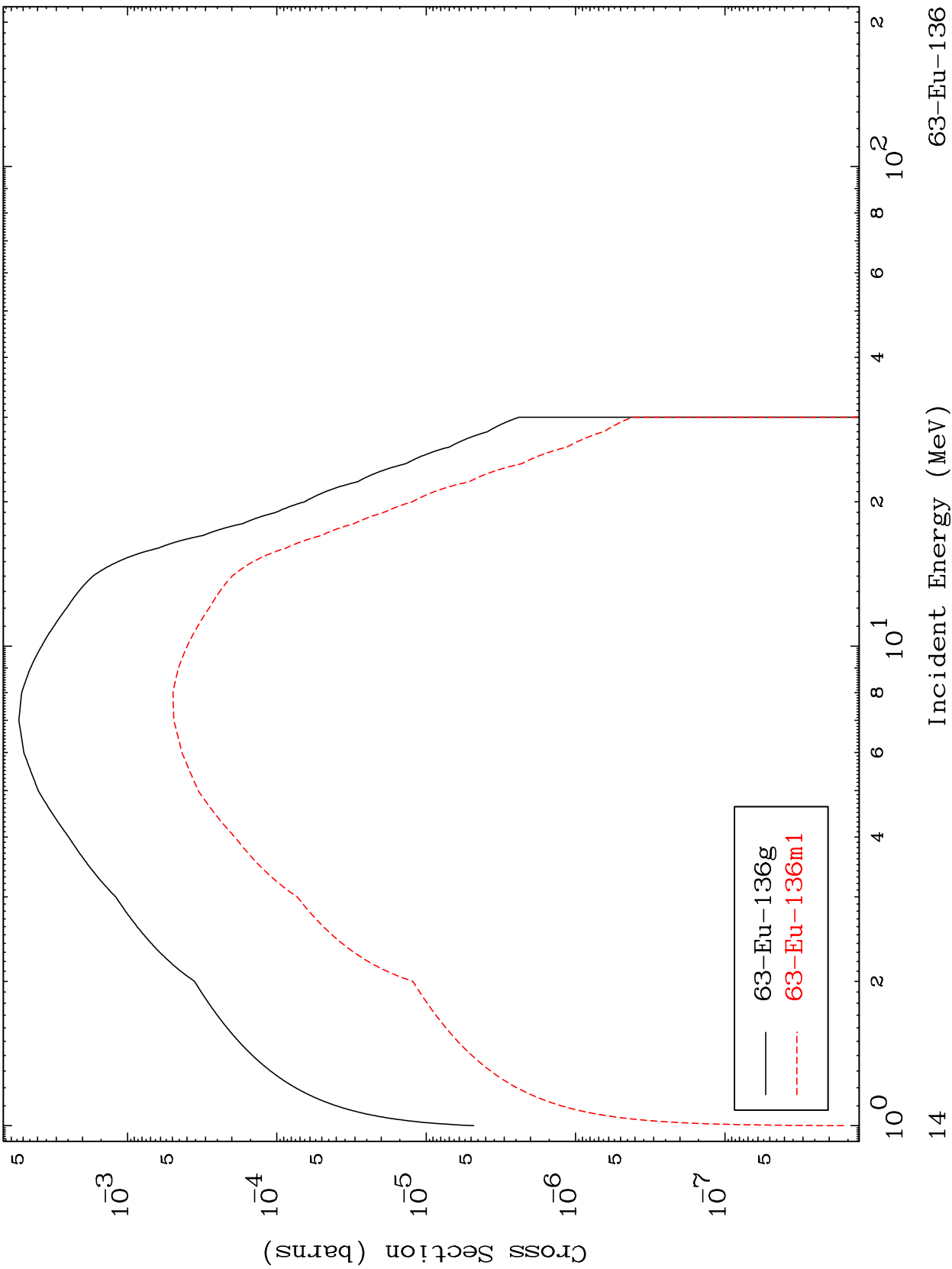
$(\gamma, 2n)$  p  
Radionuclide Production Cross Section



MAT 6280

63-Eu-136

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

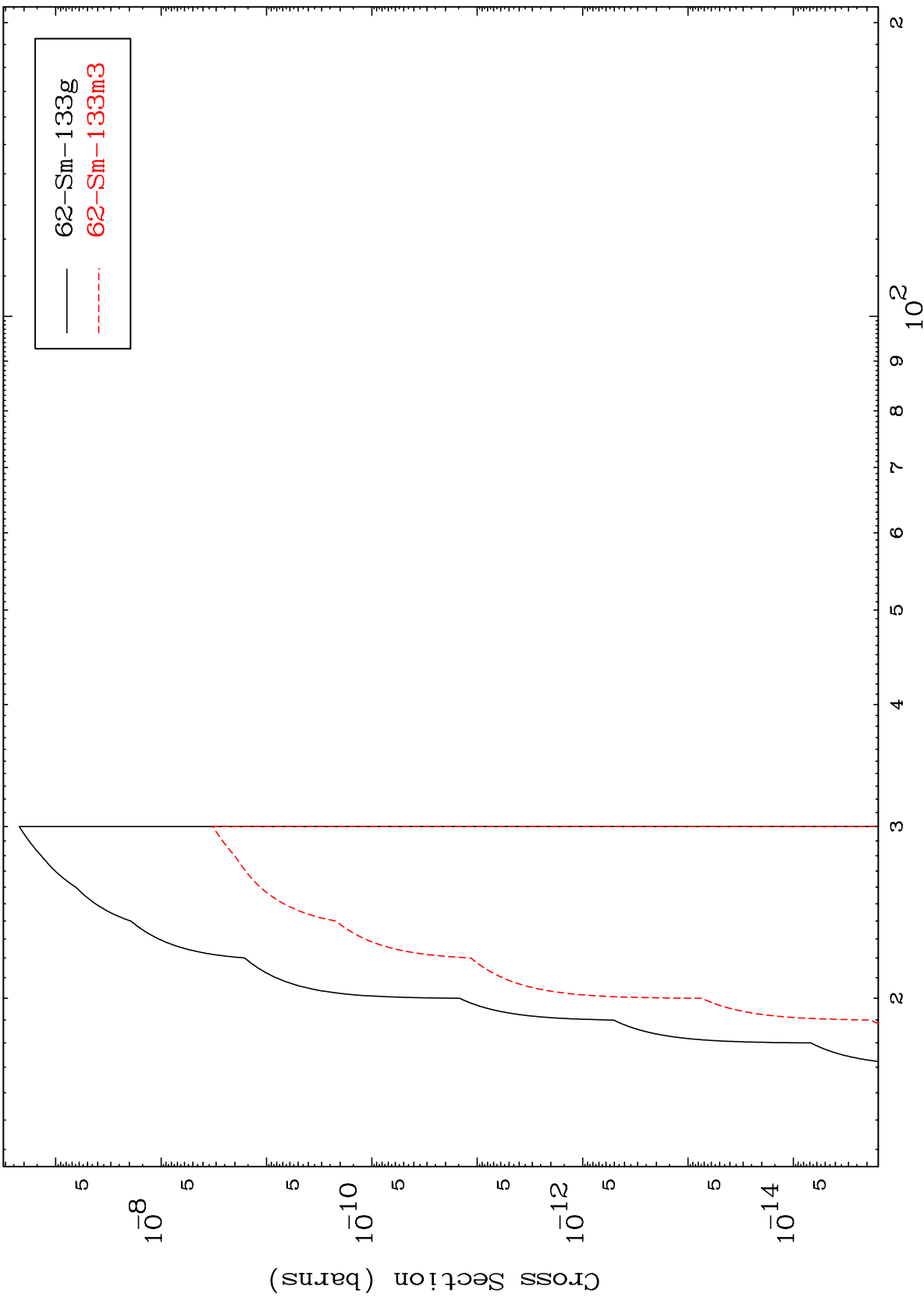


63-Eu-136

Incident Energy (MeV)

14

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



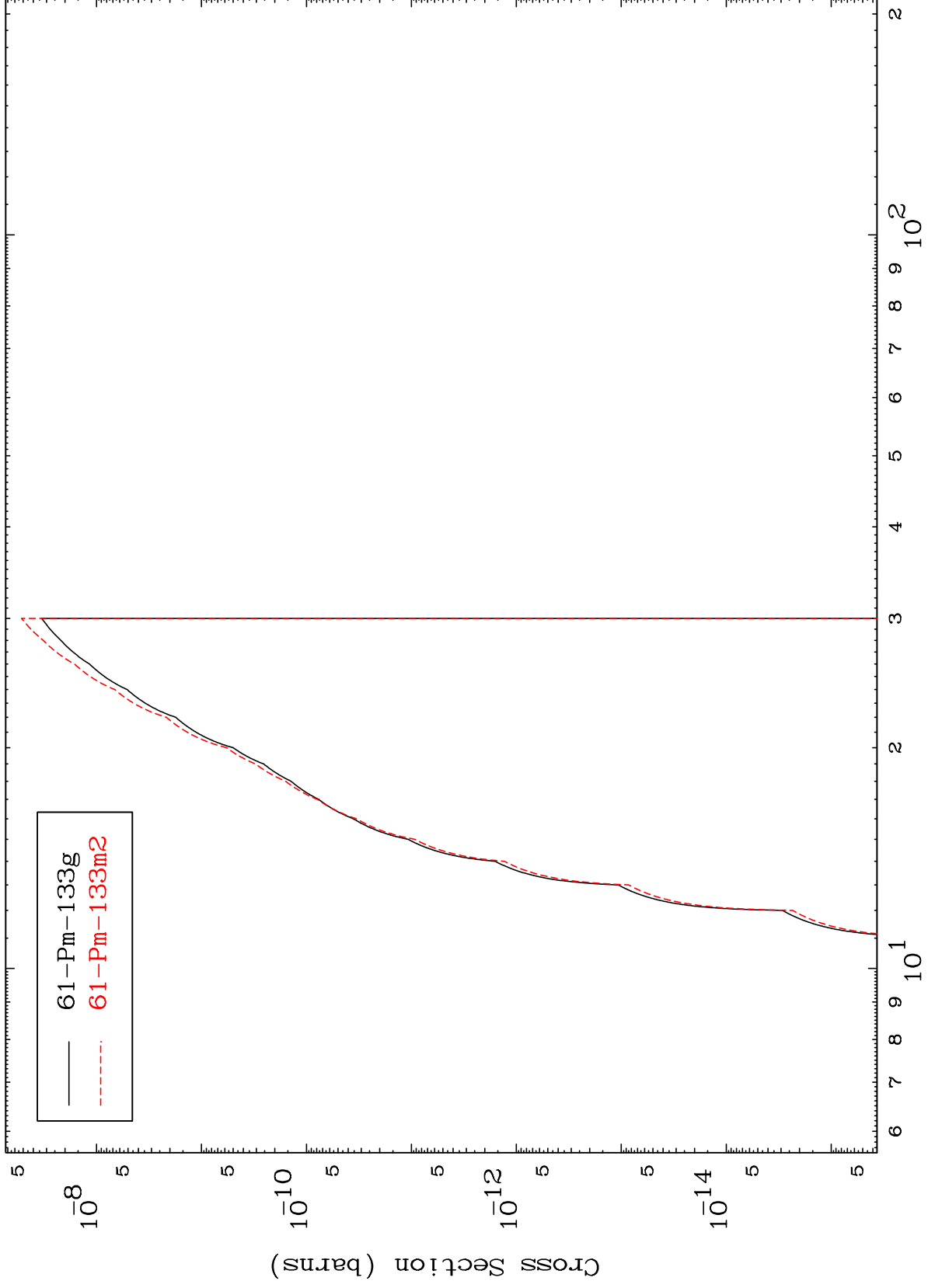


MAT 6280

( $\gamma, \text{He-3}$ )

63-Eu-136

Radionuclide Production Cross Section



16

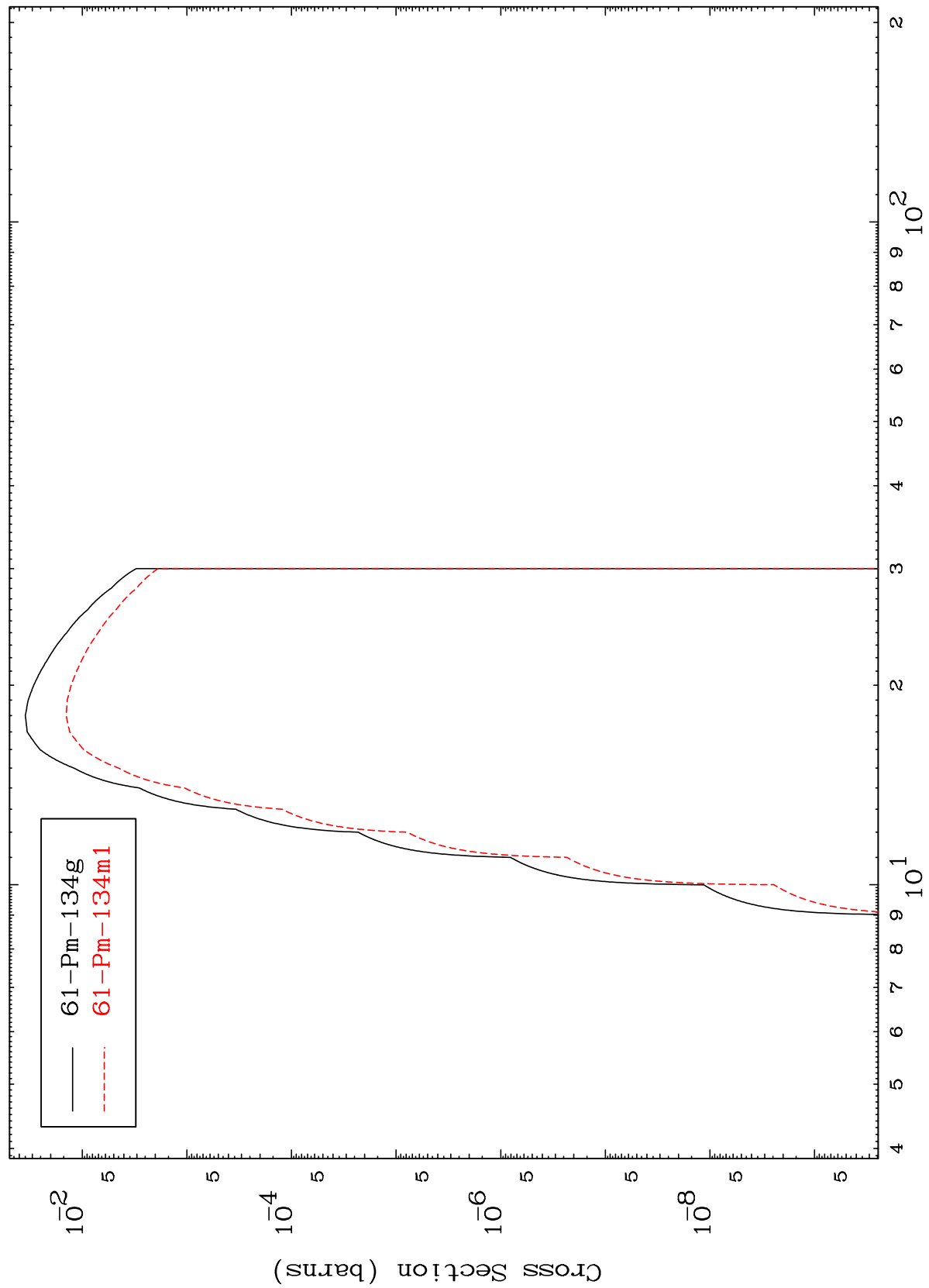
Incident Energy (MeV)

63-Eu-136

MAT 6280

63-Eu-136

Radionuclide Production Cross Section  
( $\gamma, 2p$ )



— 61-Pm-134g  
- - - 61-Pm-134m1

17

Incident Energy (MeV)

63-Eu-136

Radionuclide Production Cross Section

