

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

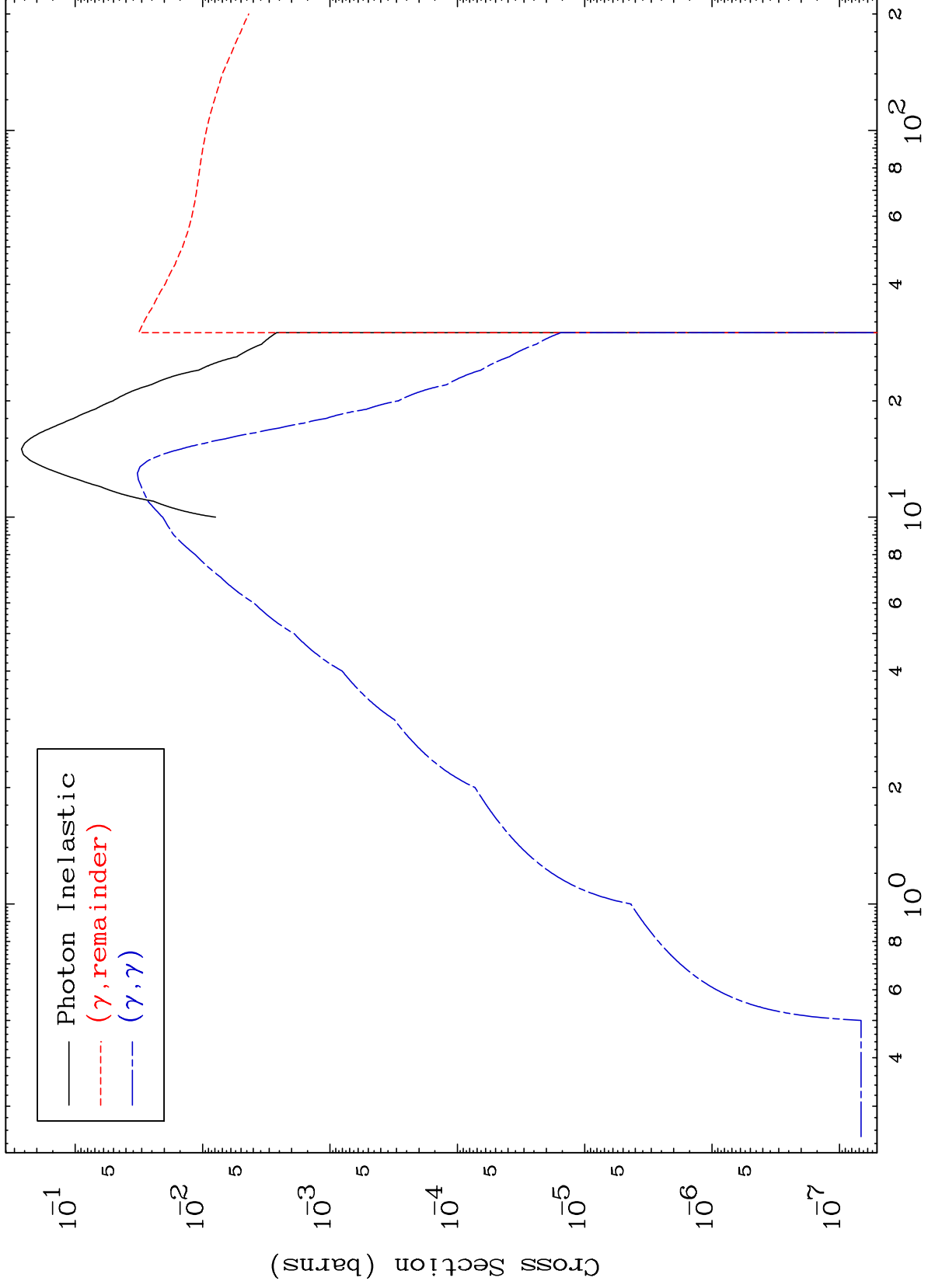
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

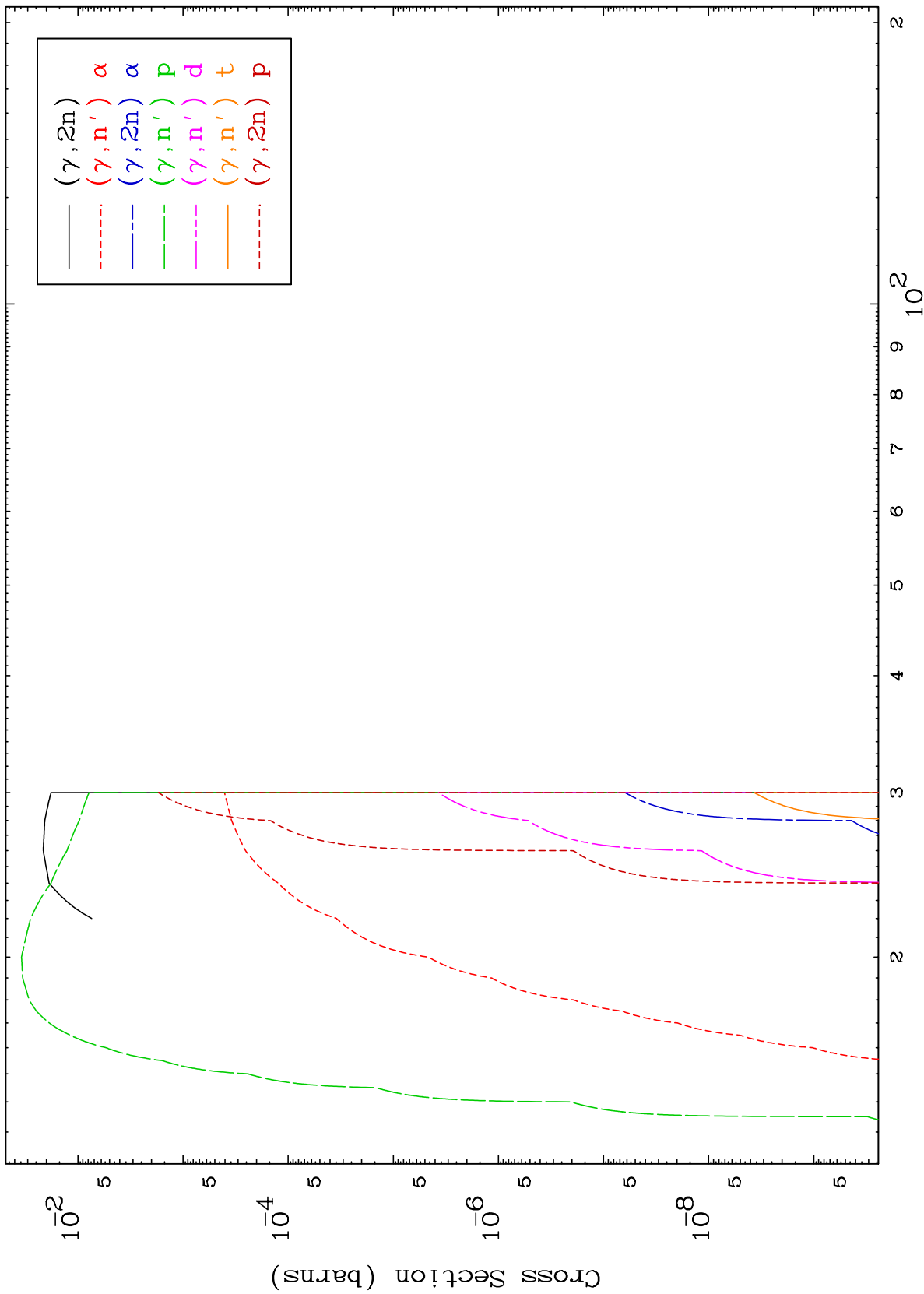
Tele: 925-443-1911

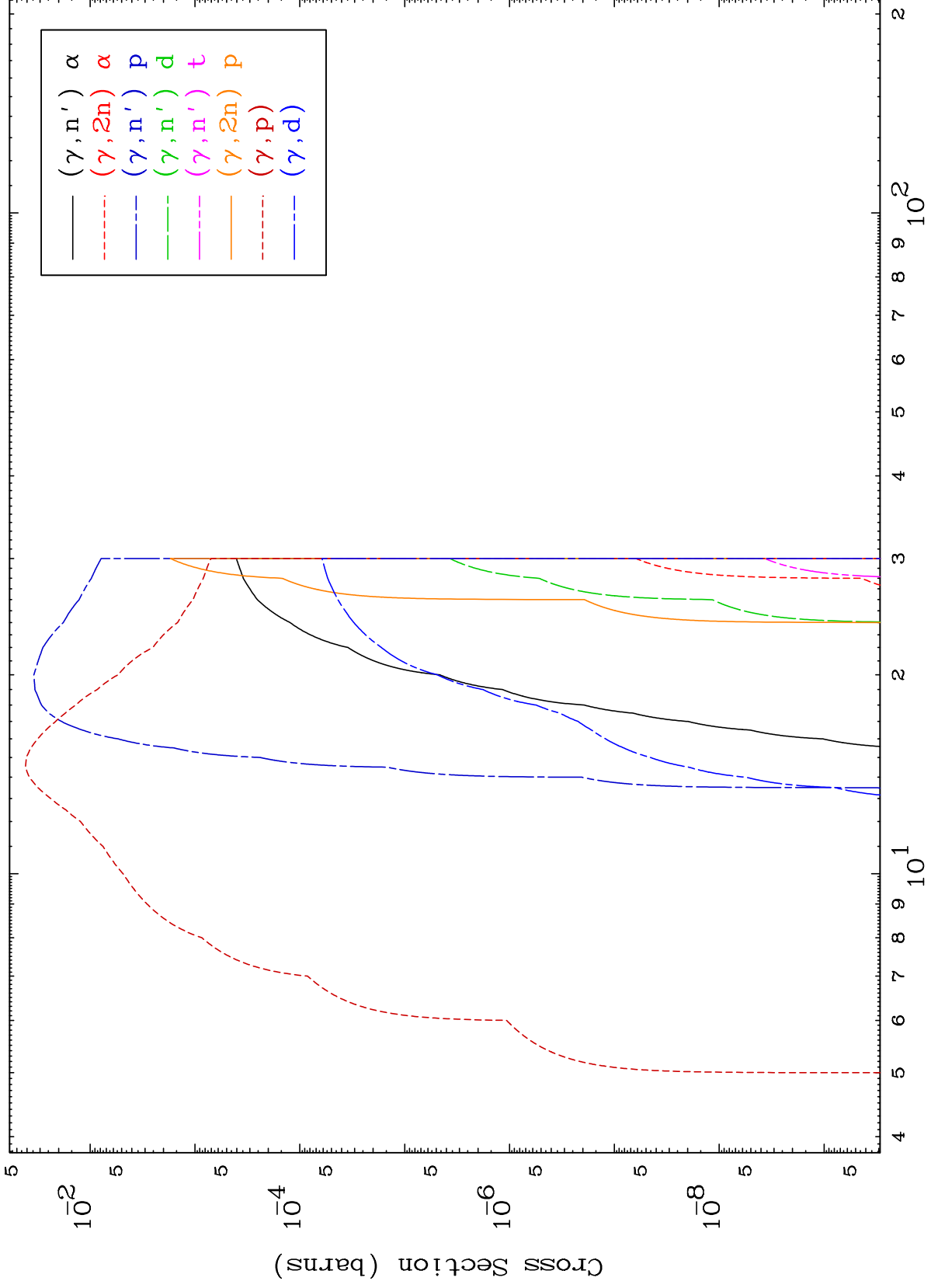
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start



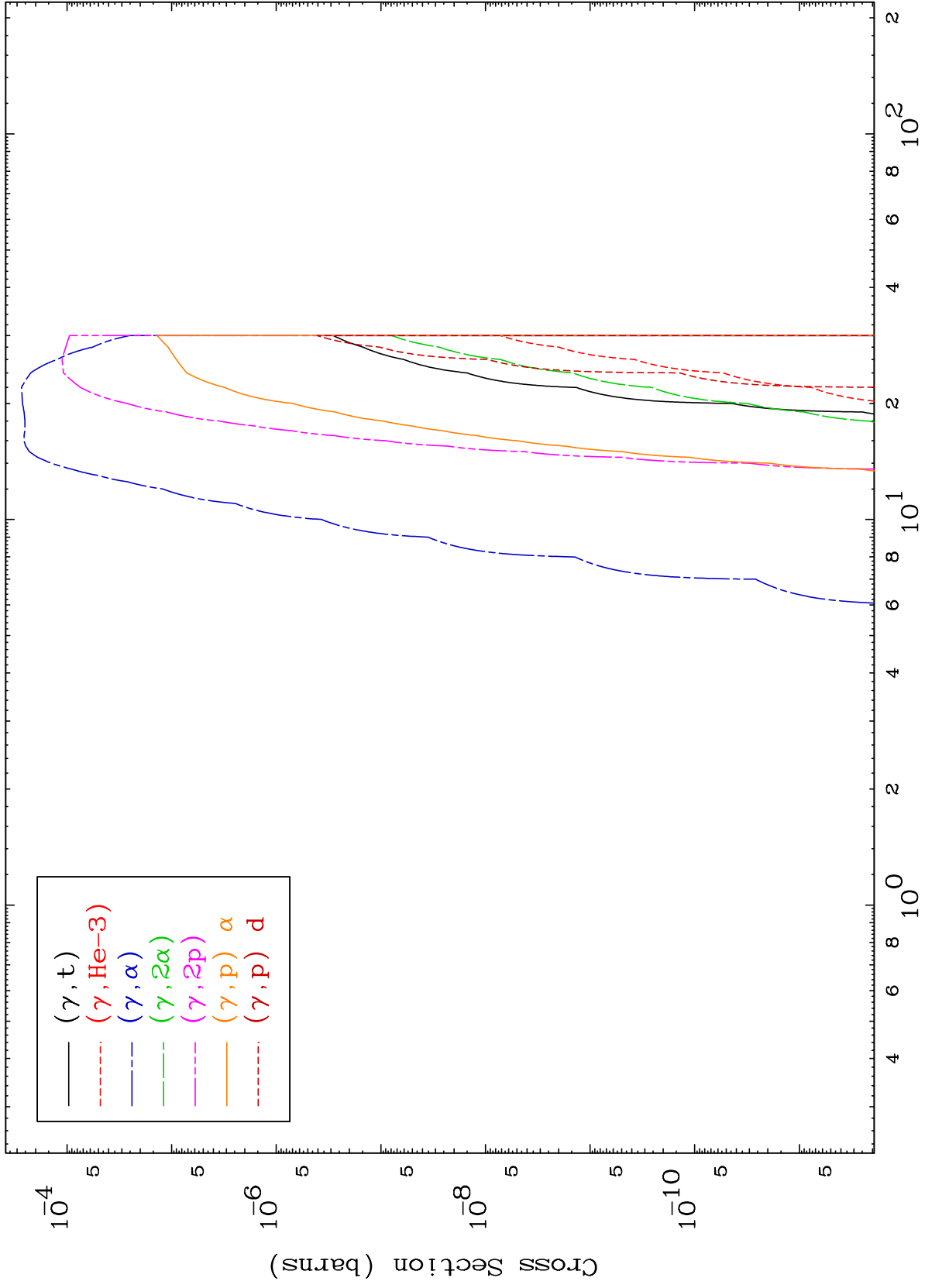




MAT 6304

Photon Charged Particle  
0 Kelvin Cross Sections

63-Eu-144

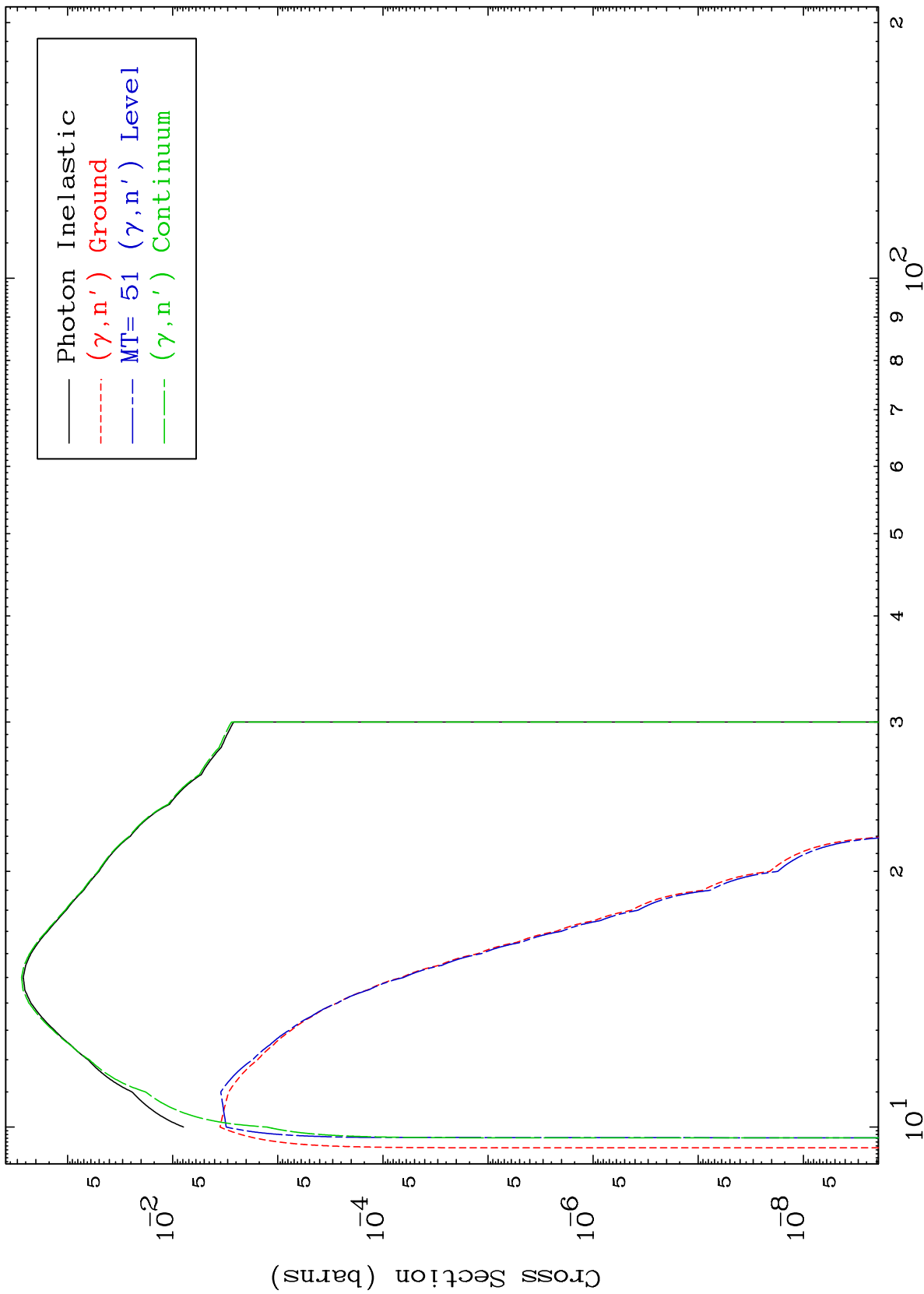


MAT 6304

$(\gamma, n')$  Level

63-Eu-144

0 Kelvin Cross Sections



Incident Energy (MeV)

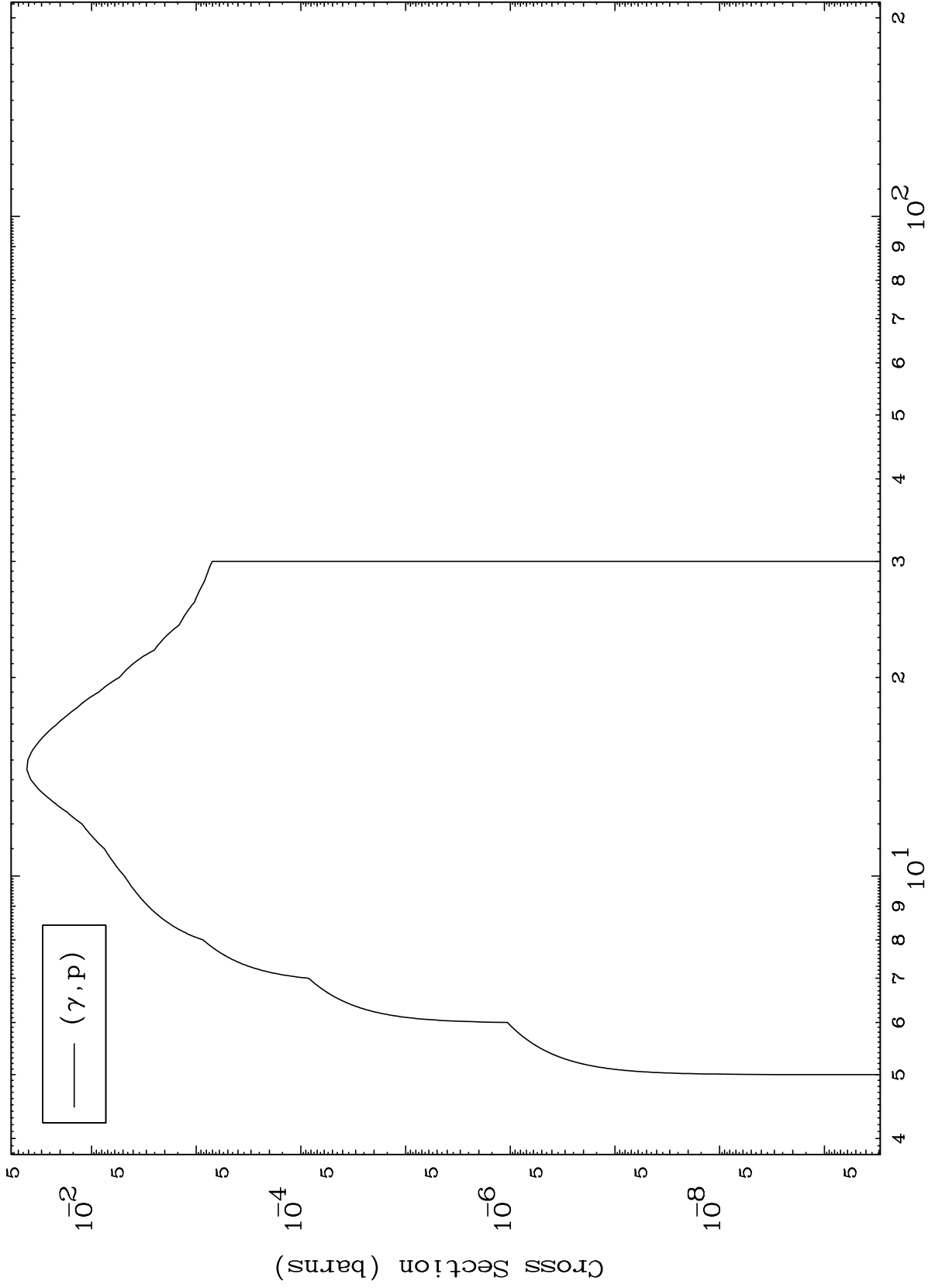
63-Eu-144

MAT 6304

( $\gamma, p$ ) Levels

63-Eu-144

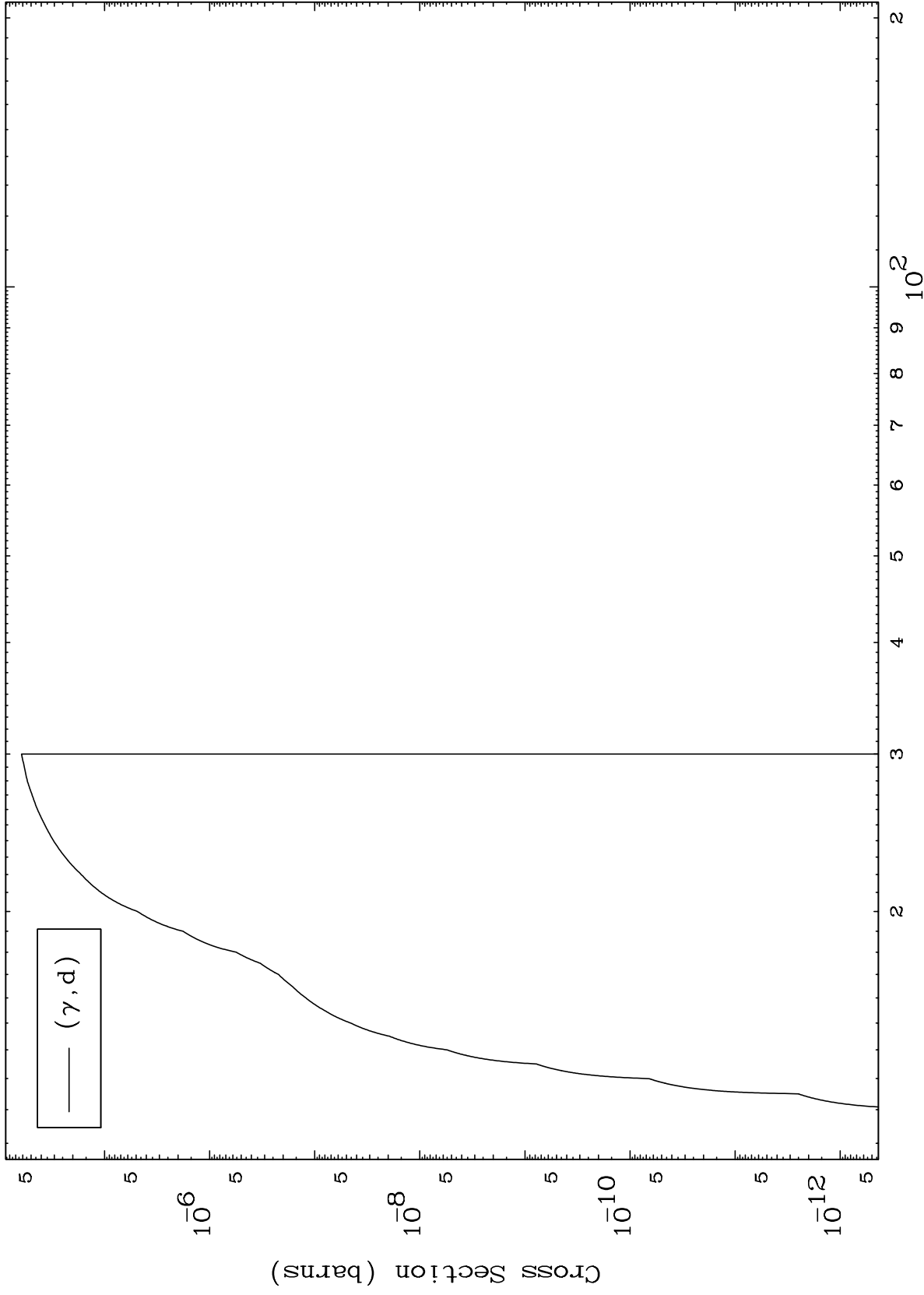
0 Kelvin Cross Sections



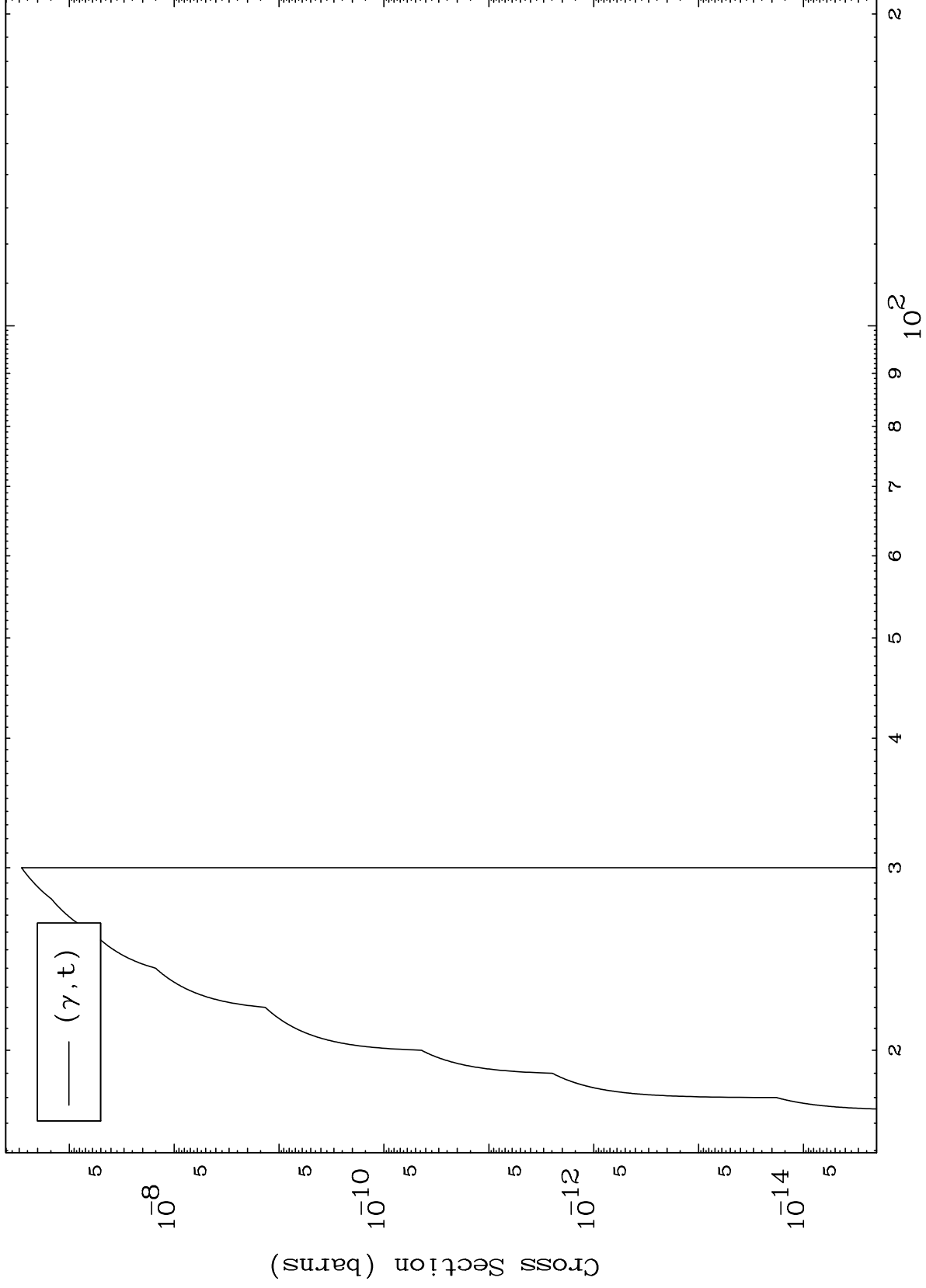
Incident Energy (MeV)

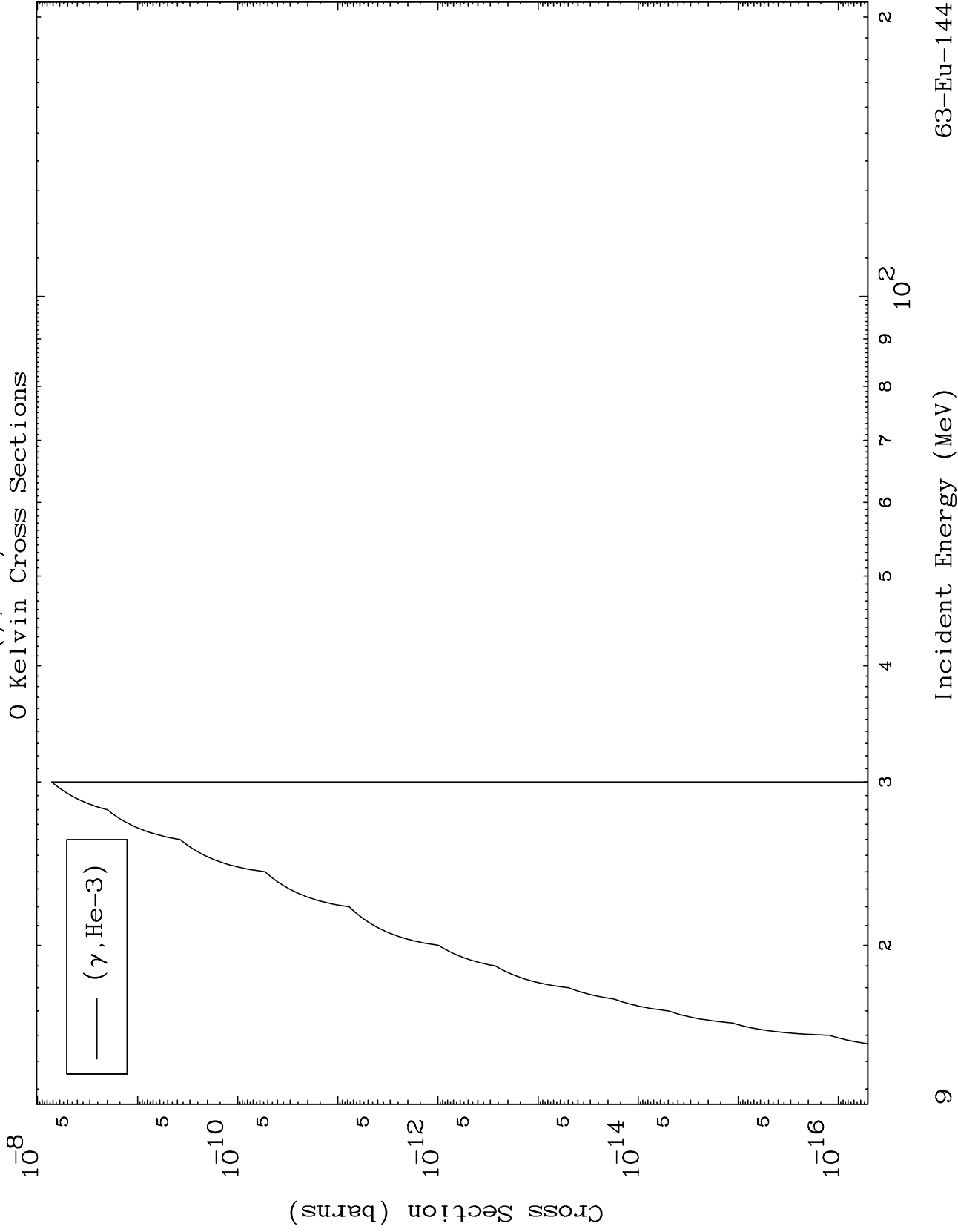
63-Eu-144

6







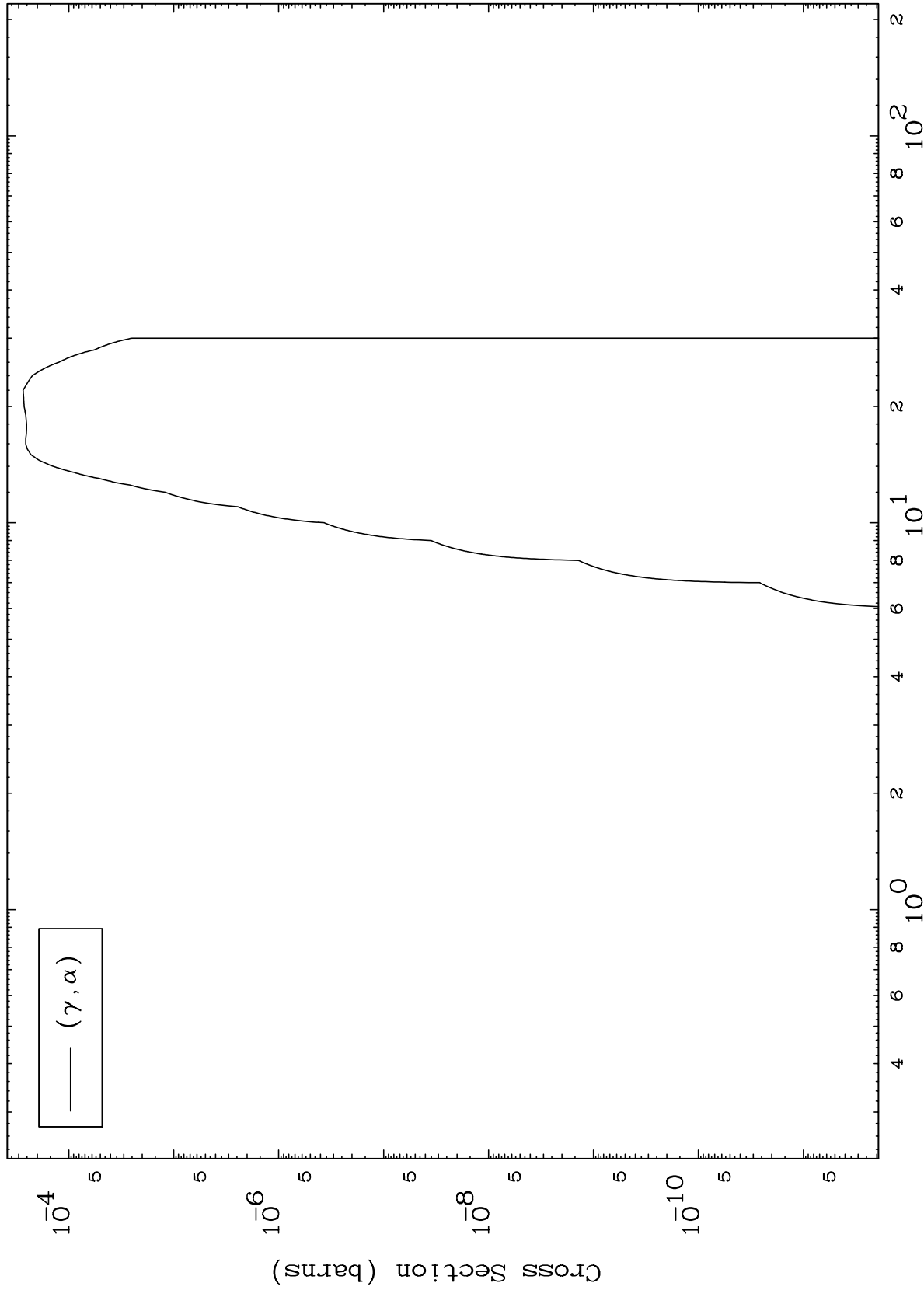


MAT 6304

( $\gamma, \alpha$ ) Levels

63-Eu-144

0 Kelvin Cross Sections



( $\gamma, \alpha$ )

10

Incident Energy (MeV)

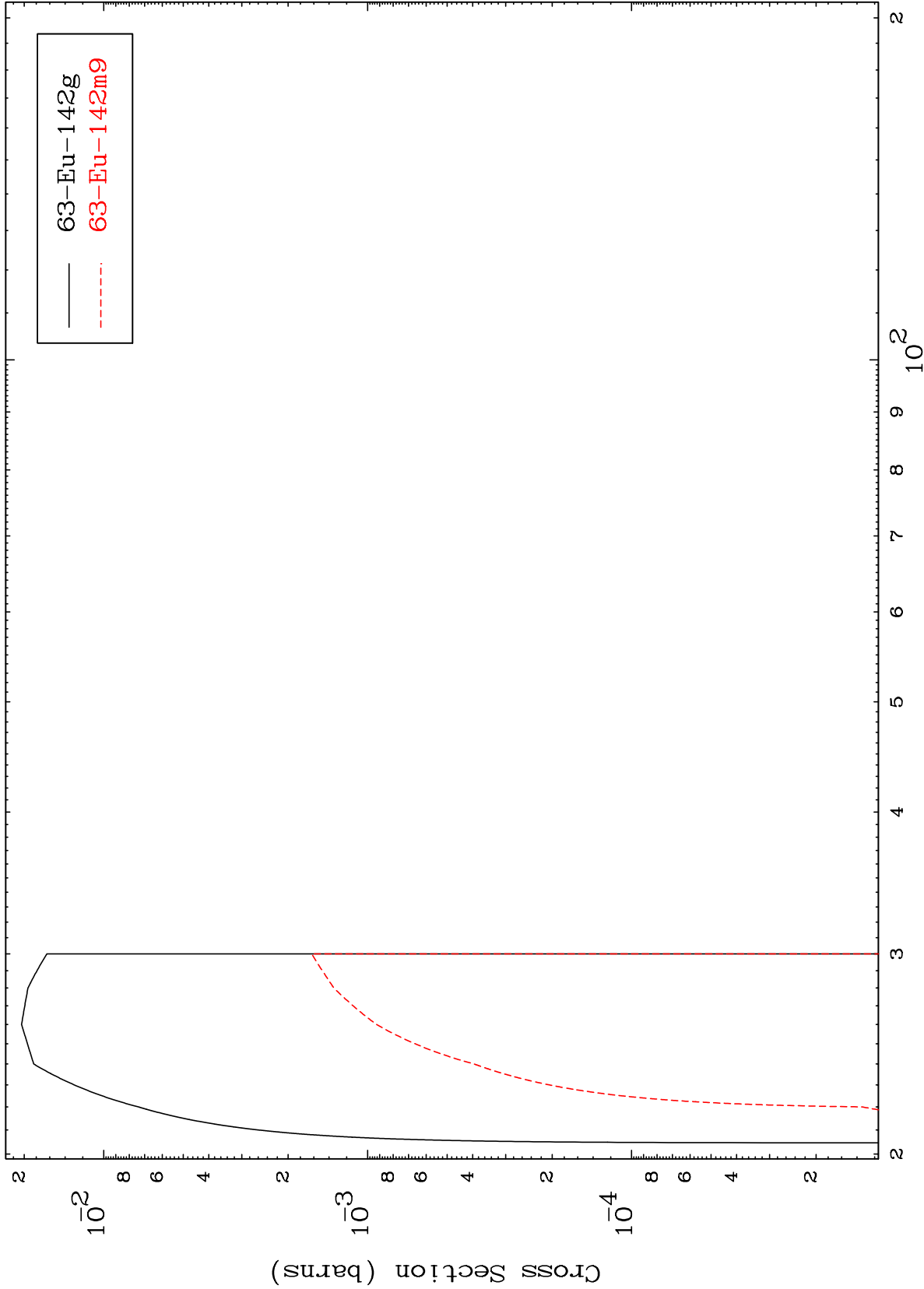
63-Eu-144

MAT 6304

( $\gamma, 2n$ )

63-Eu-144

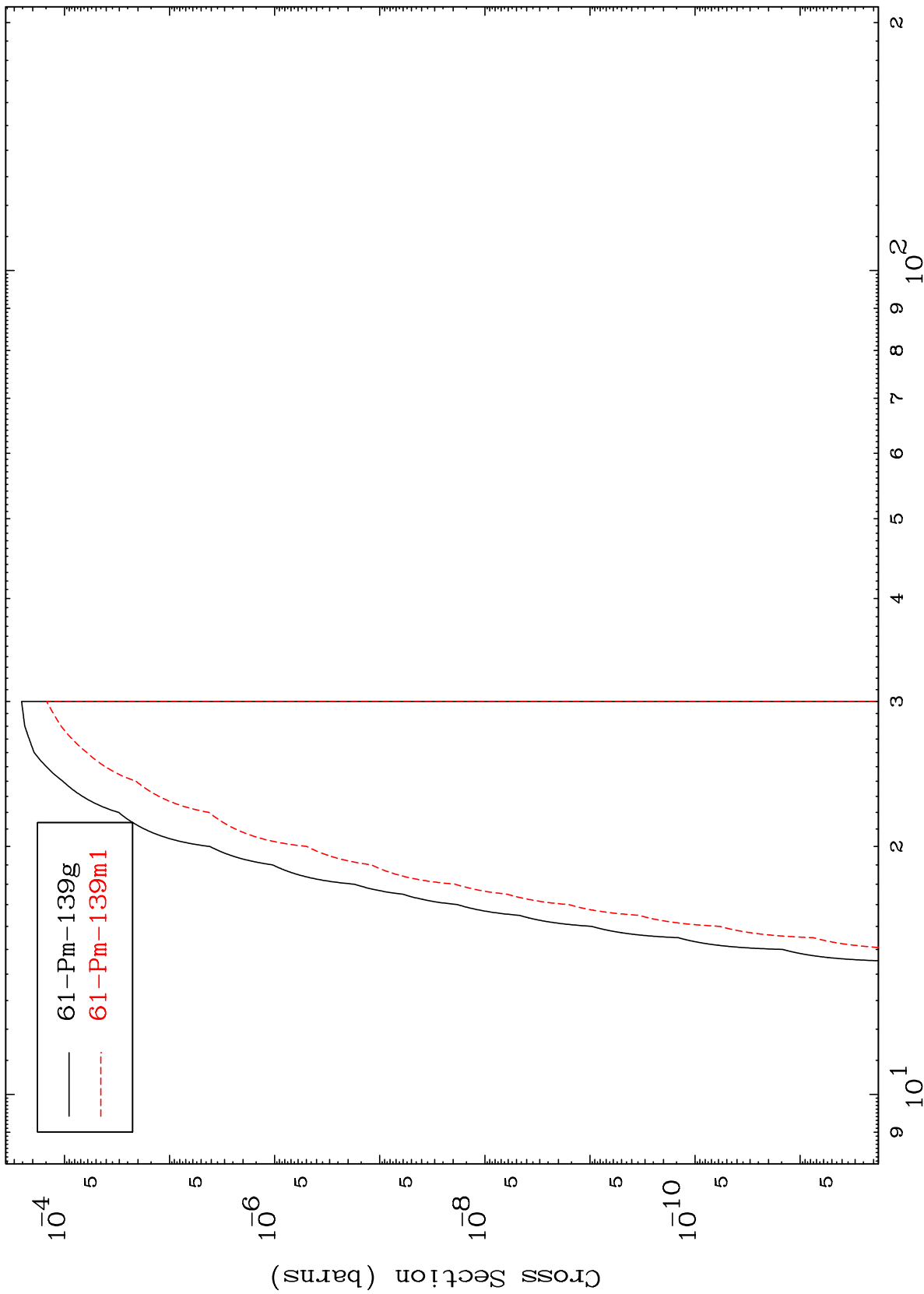
Radionuclide Production Cross Section



MAT 6304

63-Eu-144

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



63-Eu-144

Incident Energy (MeV)

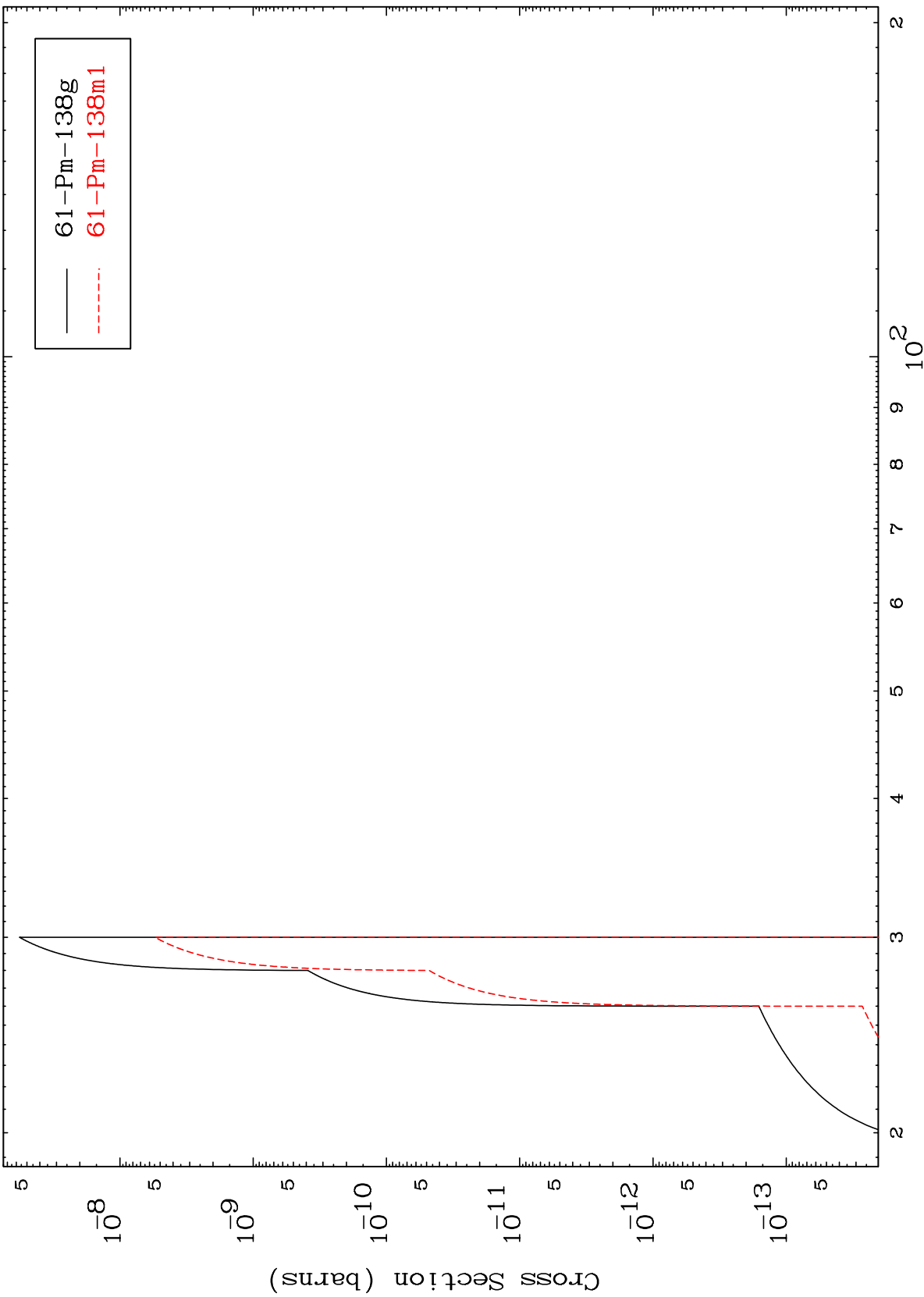
12

MAT 6304

$(\gamma, 2n) \alpha$

63-Eu-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

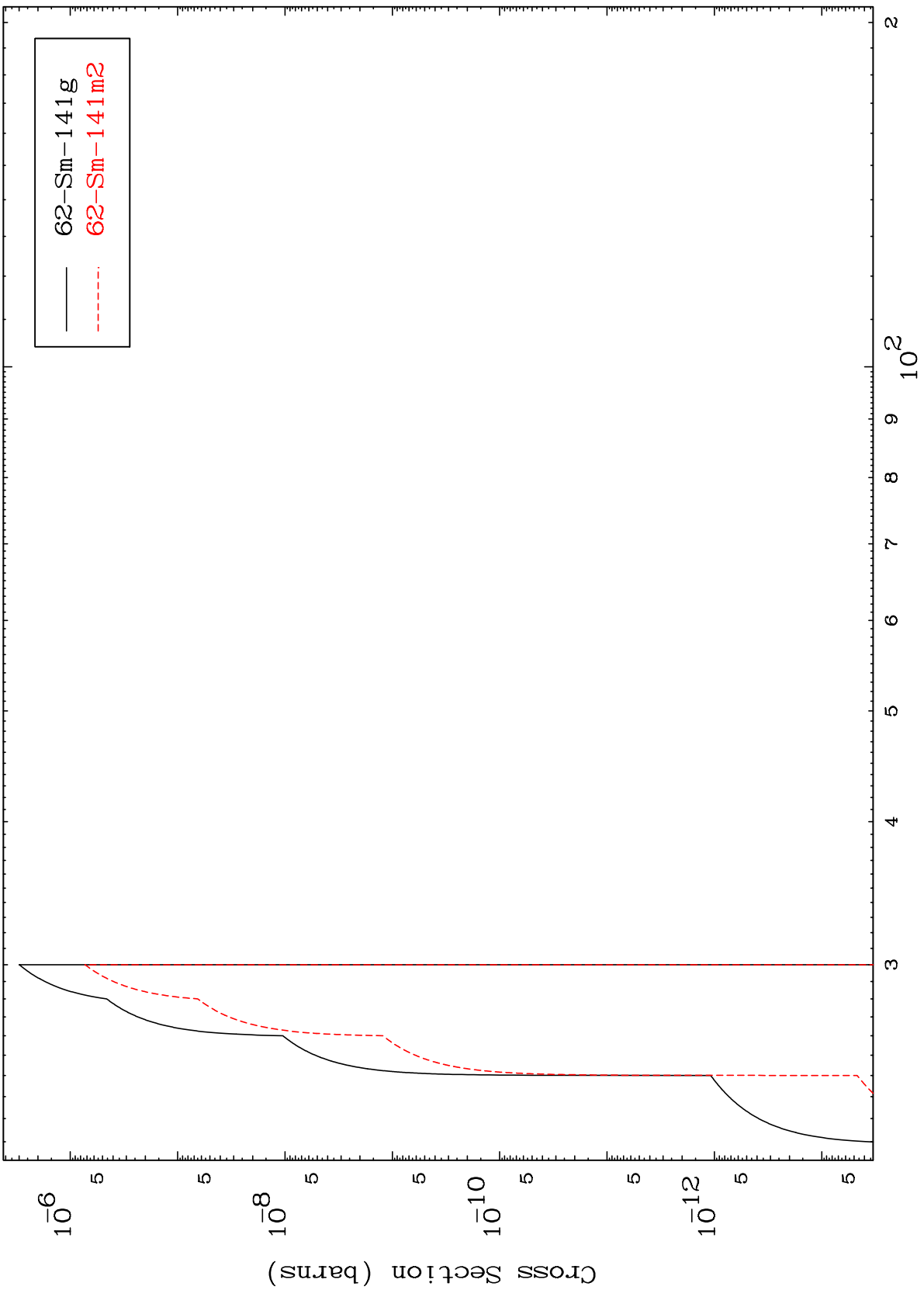
63-Eu-144

MAT 6304

$(\gamma, n')$  d

63-Eu-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

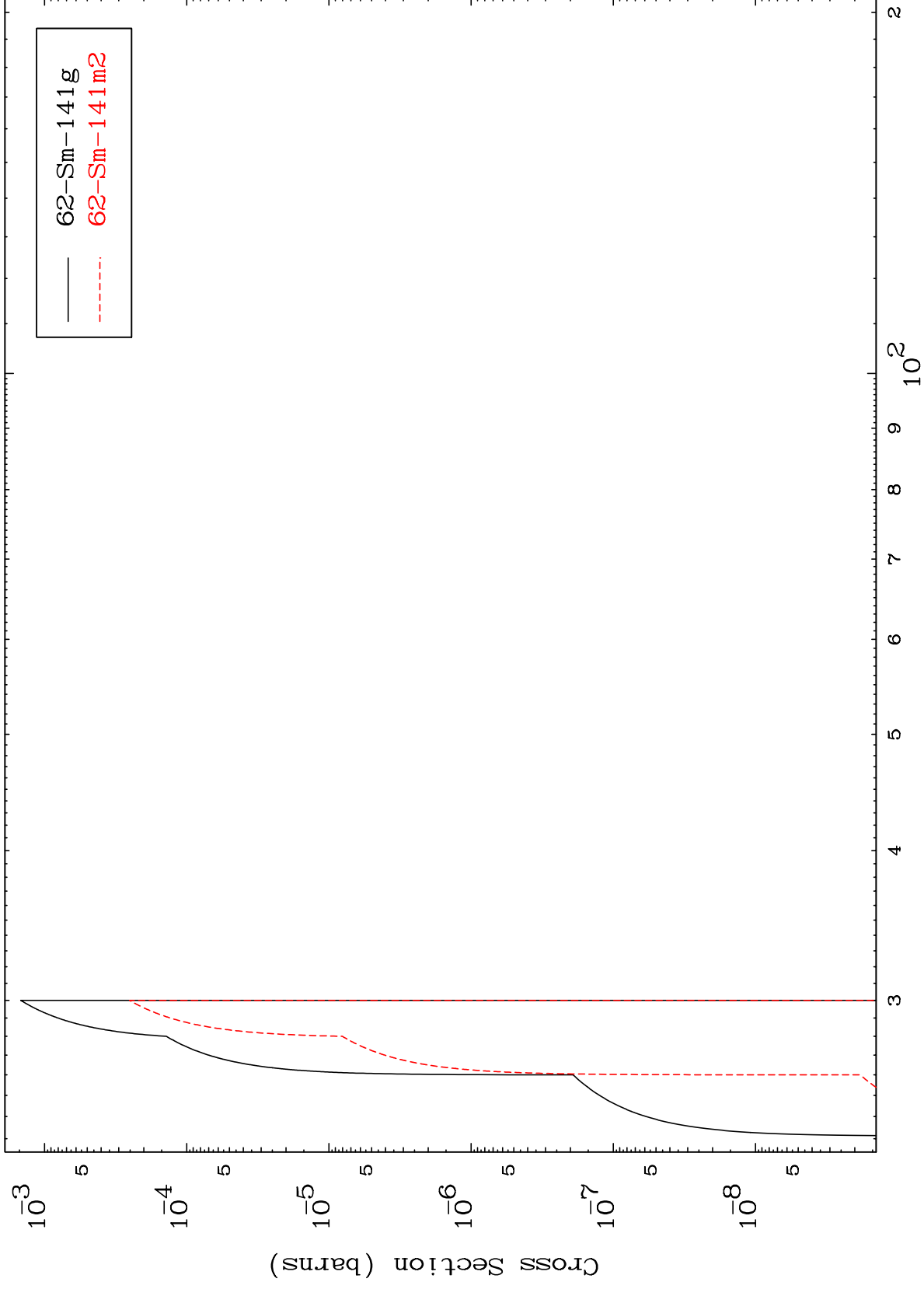
63-Eu-144

MAT 6304

( $\gamma, 2n$ ) p

63-Eu-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

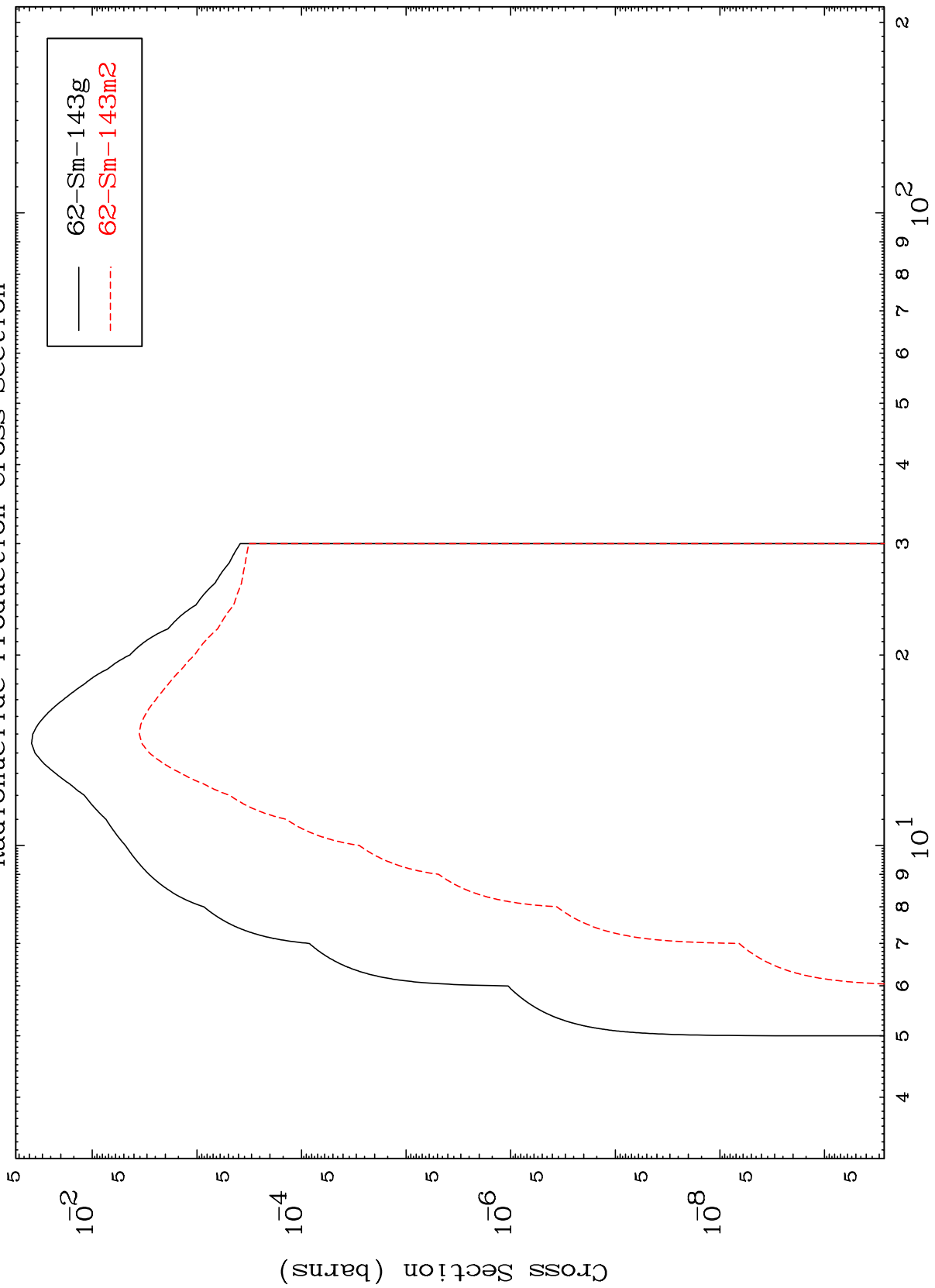
63-Eu-144



MAT 6304

63-Eu-144

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



16

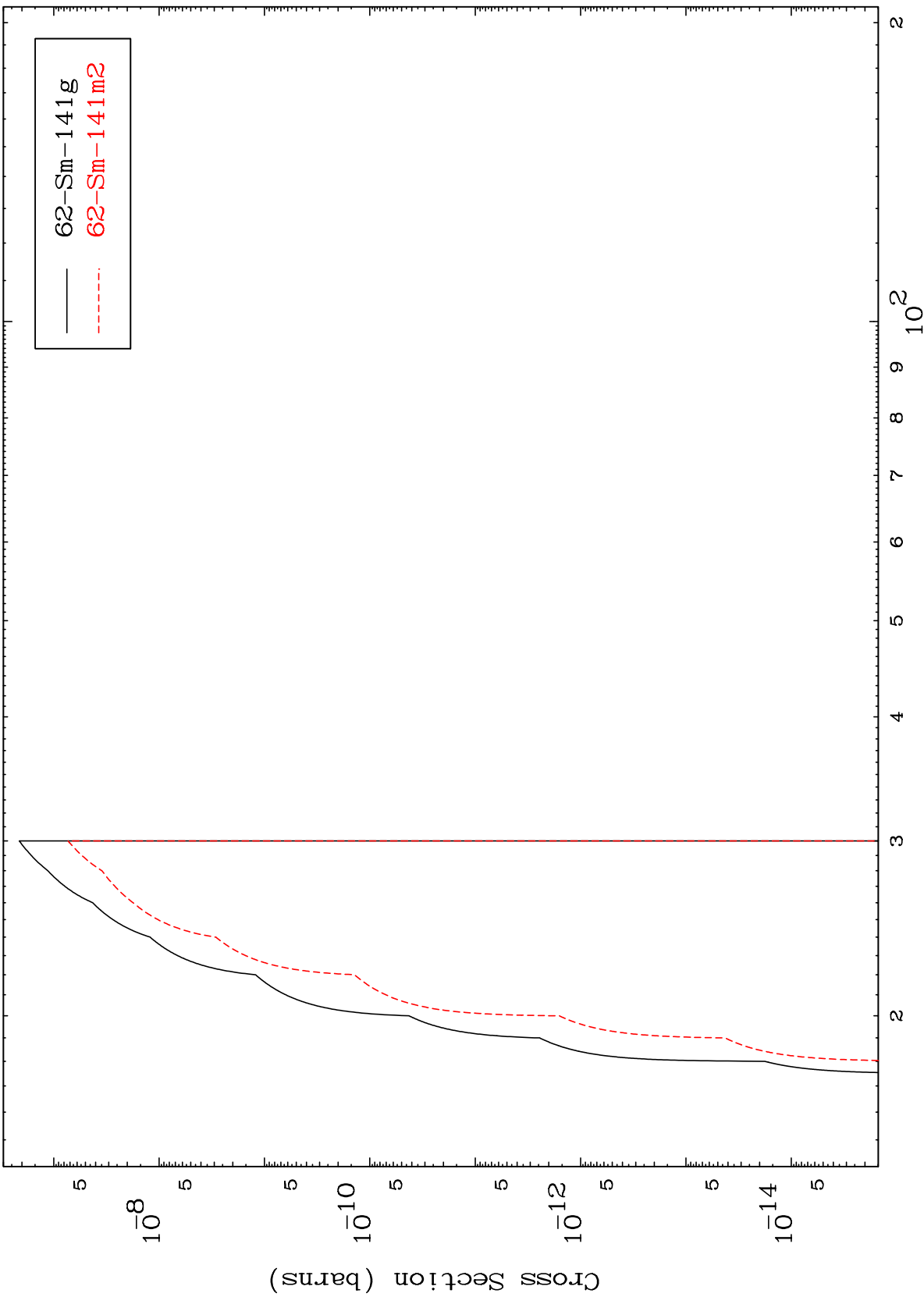
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

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



17

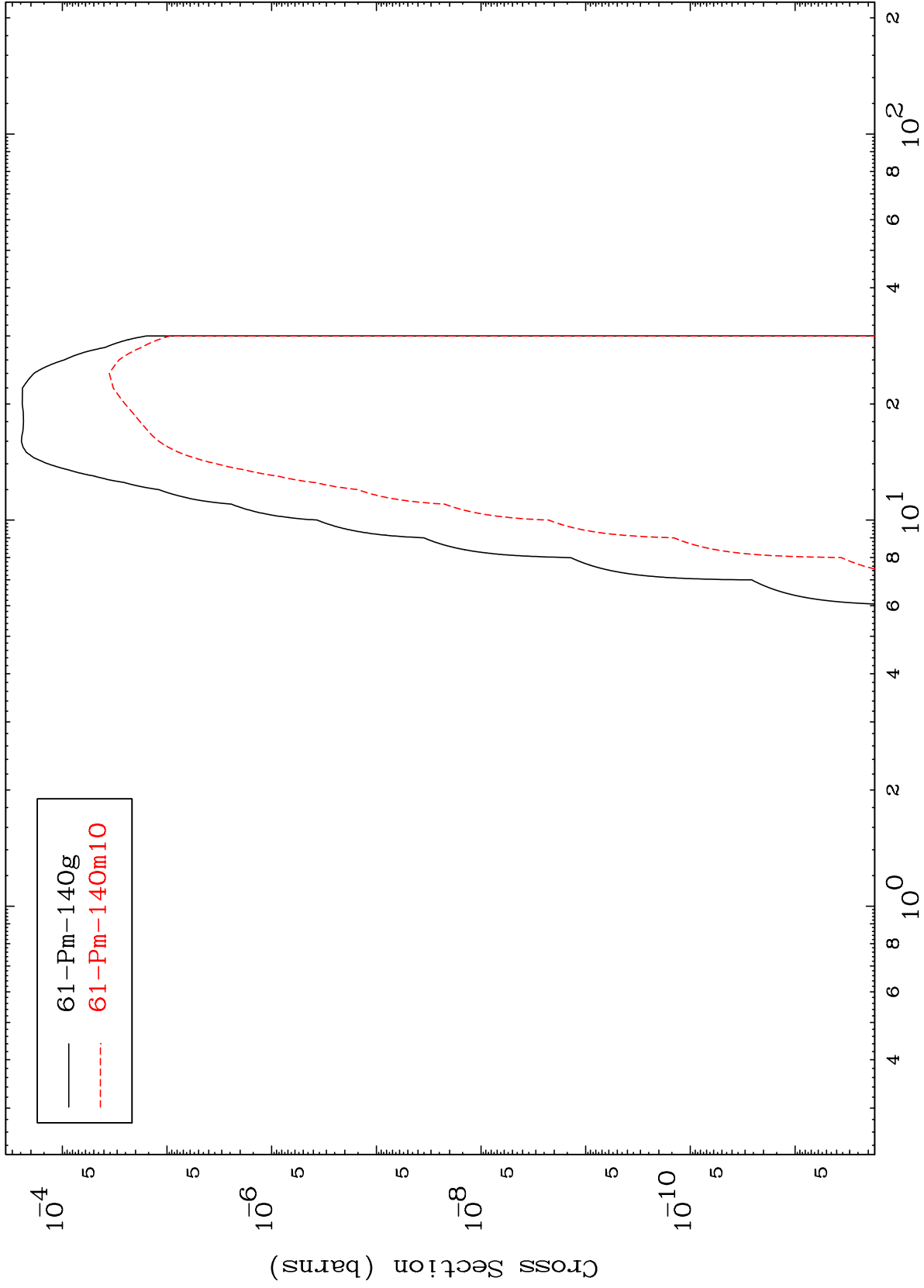
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

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



18

63-Eu-144

Incident Energy (MeV)

MAT 6304

$(\gamma, p) \alpha$

63-Eu-144

Radionuclide Production Cross Section

