

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

Web:redcullen1.net/HOMEPAGE.NEW

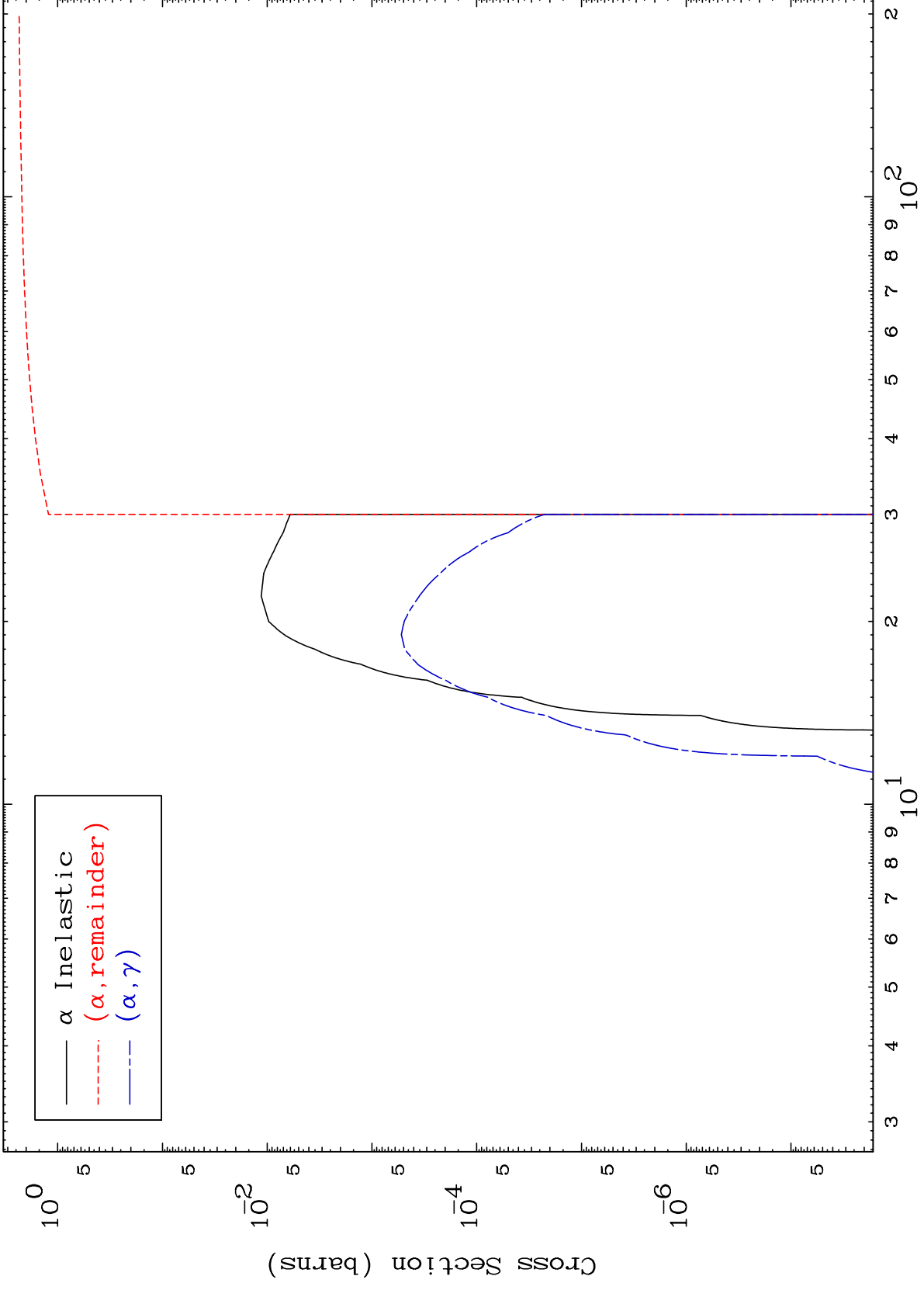
Press Mouse Button to Start

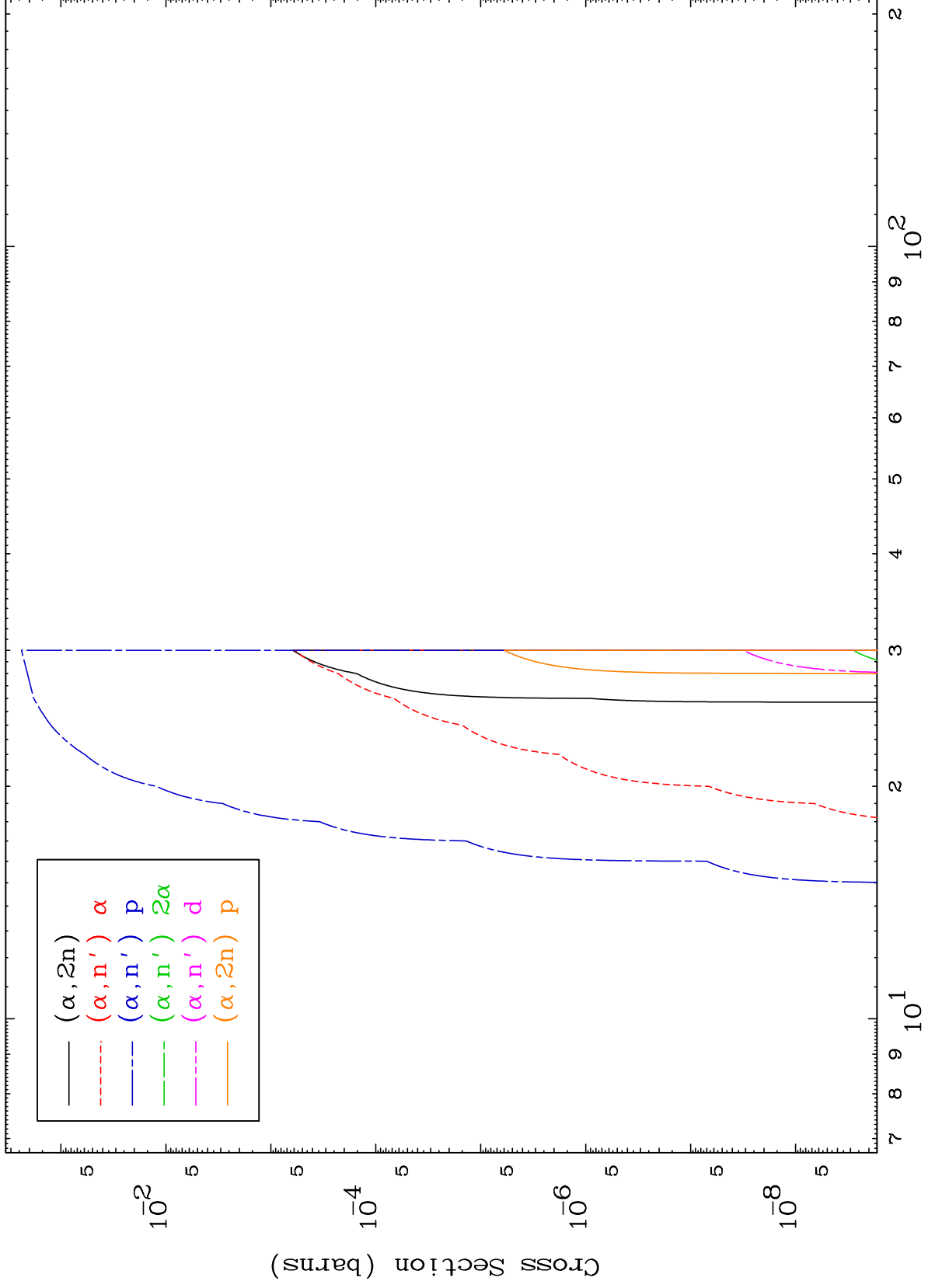
MAT 6286

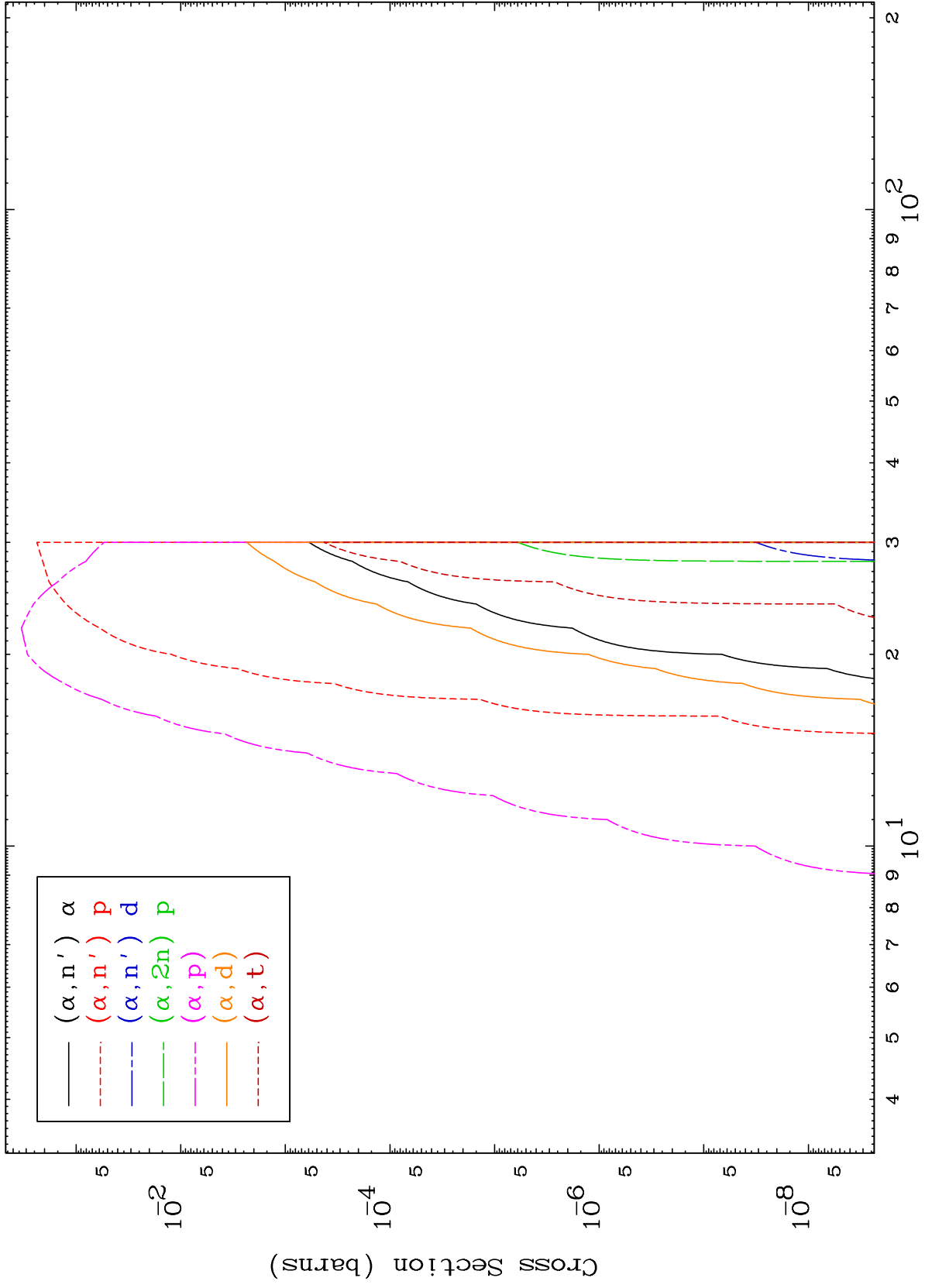
$\alpha$  Major

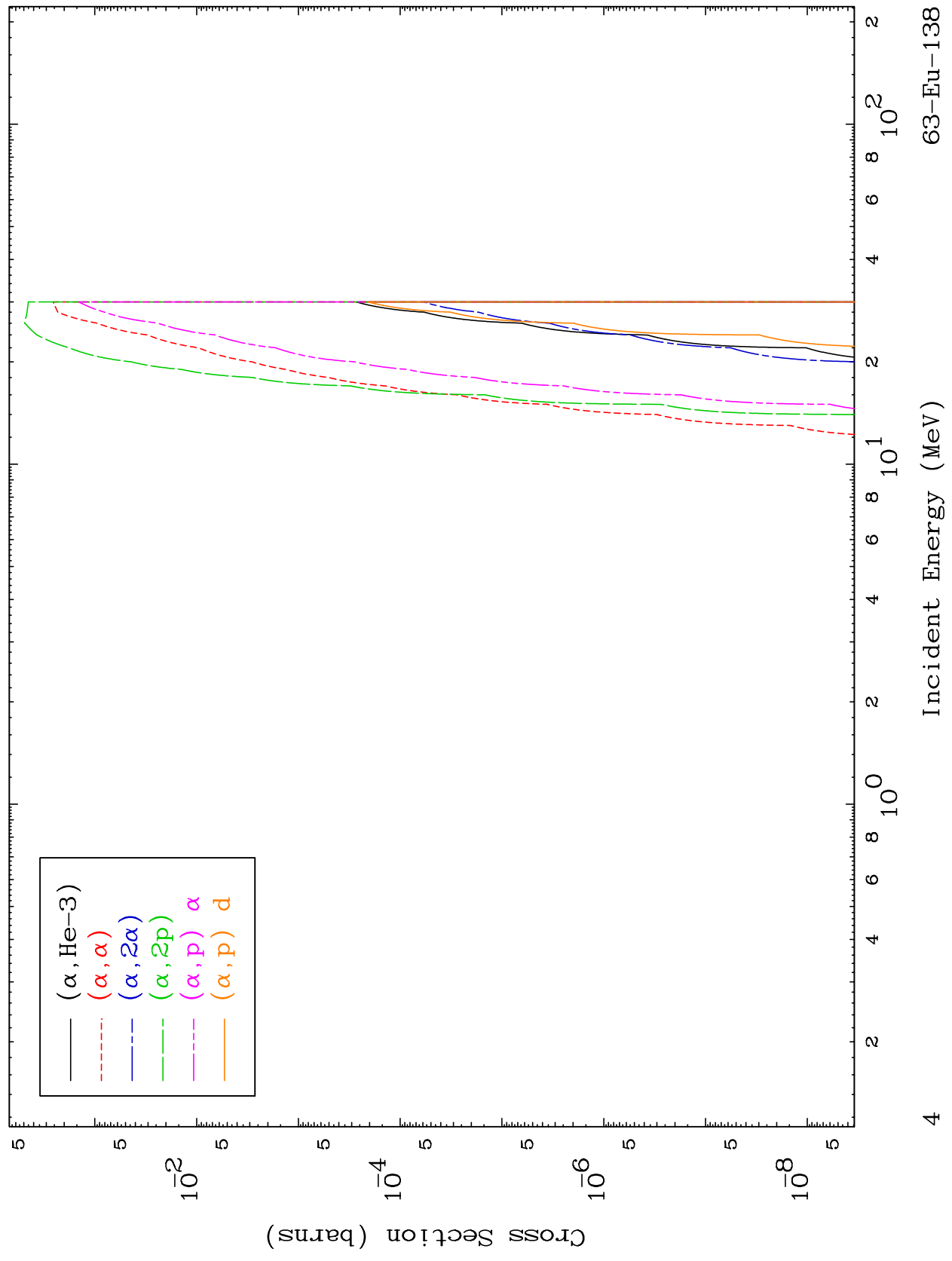
63-Eu-138

0 Kelvin Cross Sections







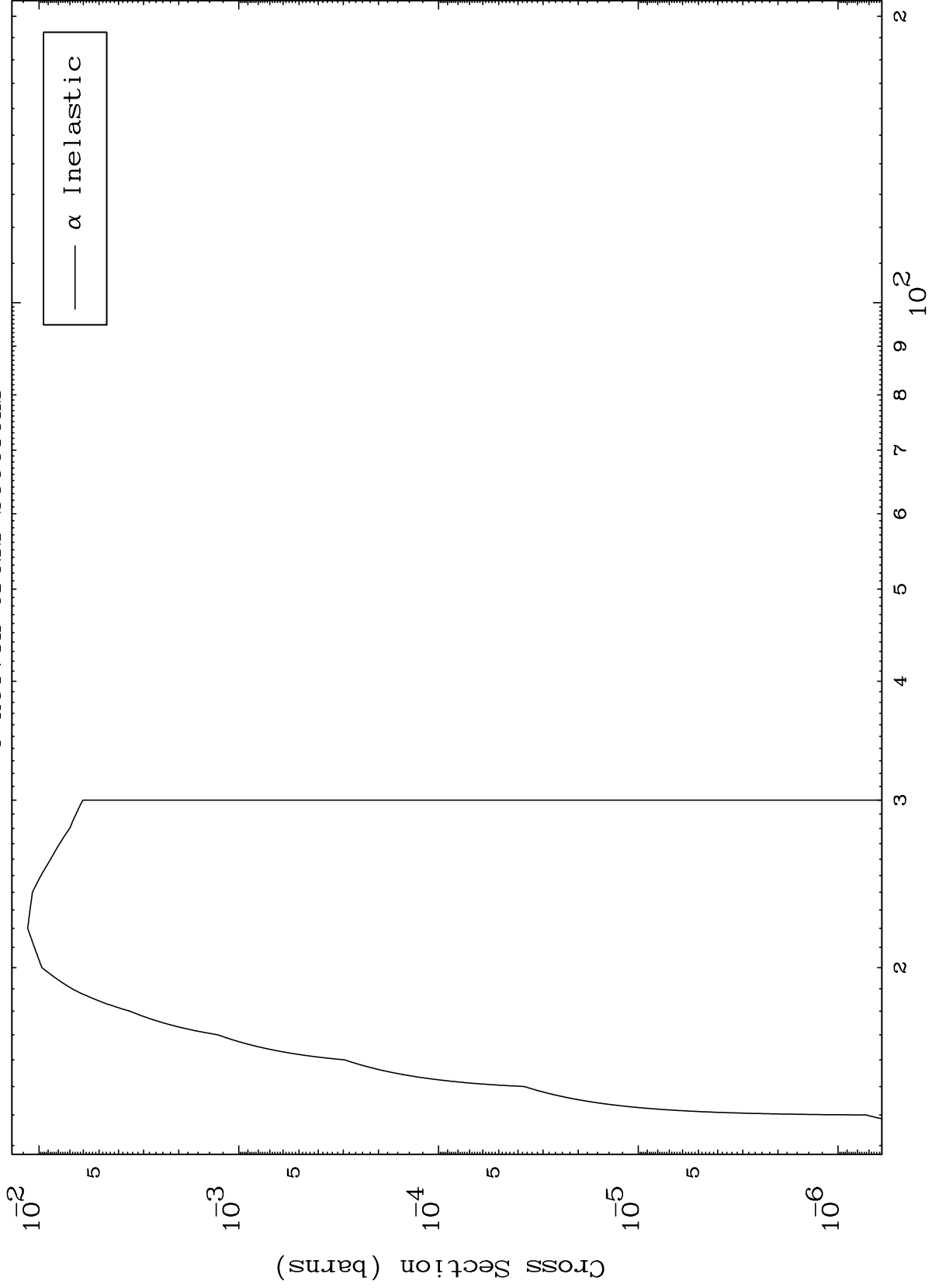


MAT 6286

( $\alpha, n'$ ) Level

63-Eu-138

0 Kelvin Cross Sections



5

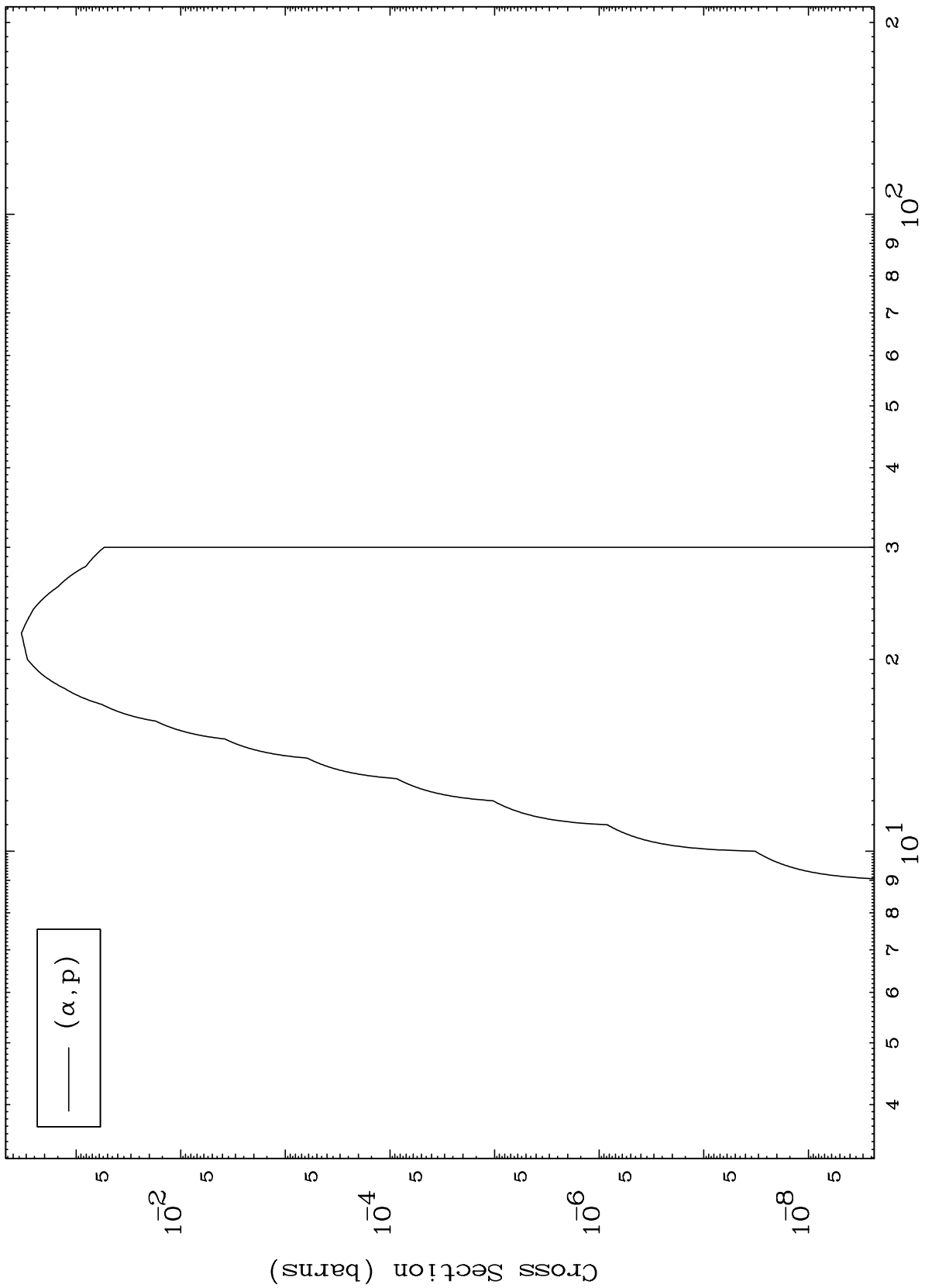
Incident Energy (MeV)

63-Eu-138

MAT 6286

63-Eu-138

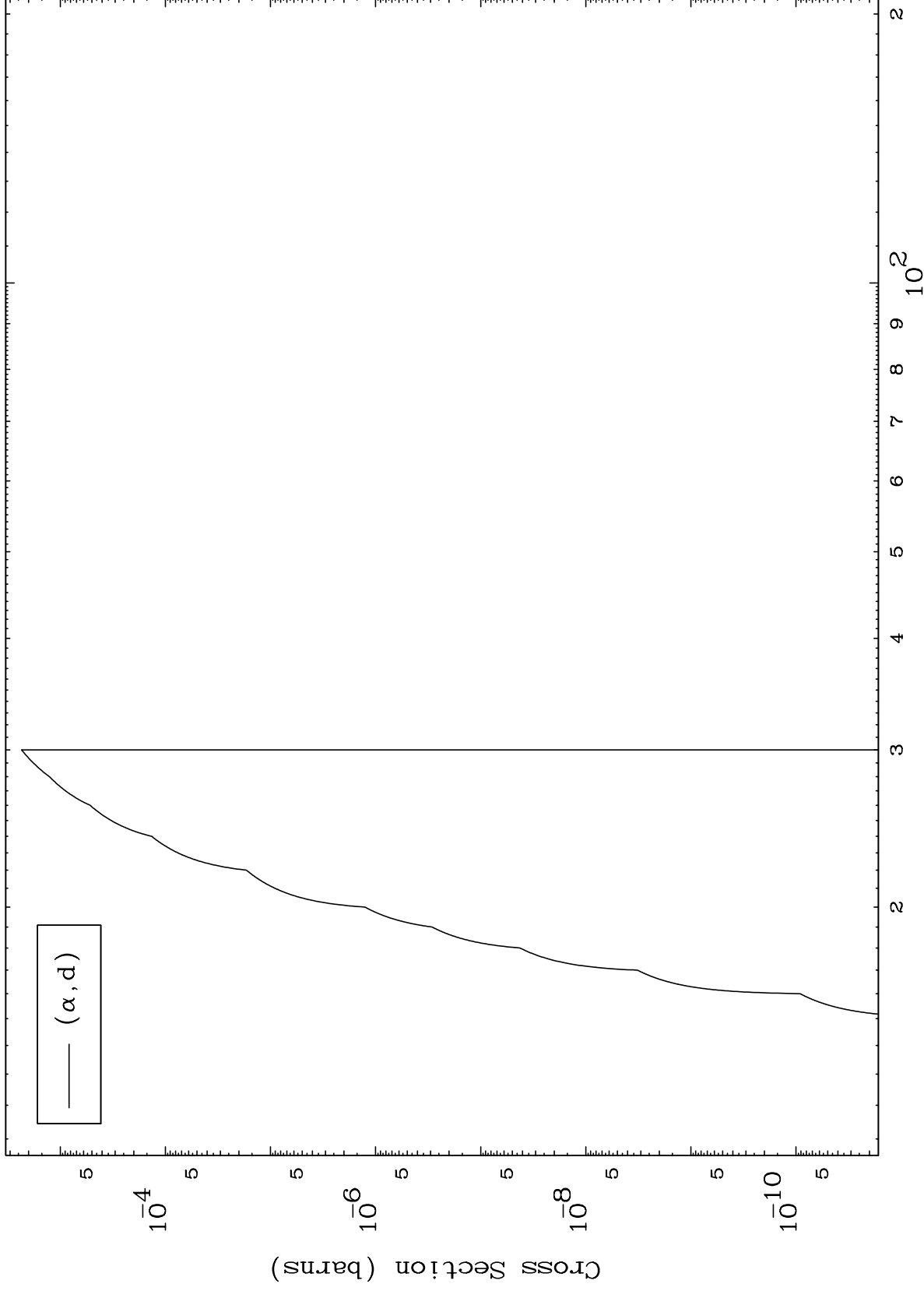
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



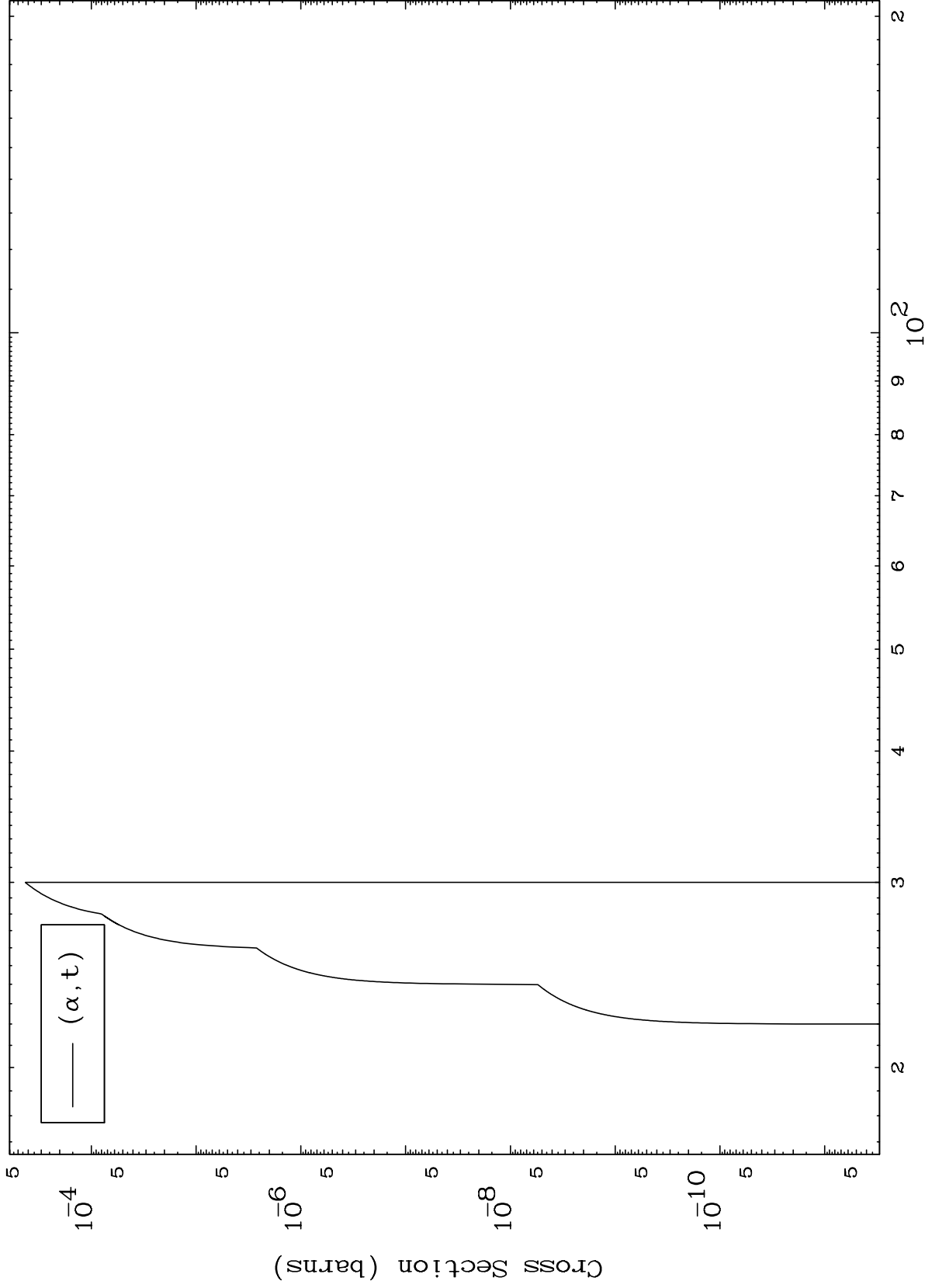
63-Eu-138

Incident Energy (MeV)

6



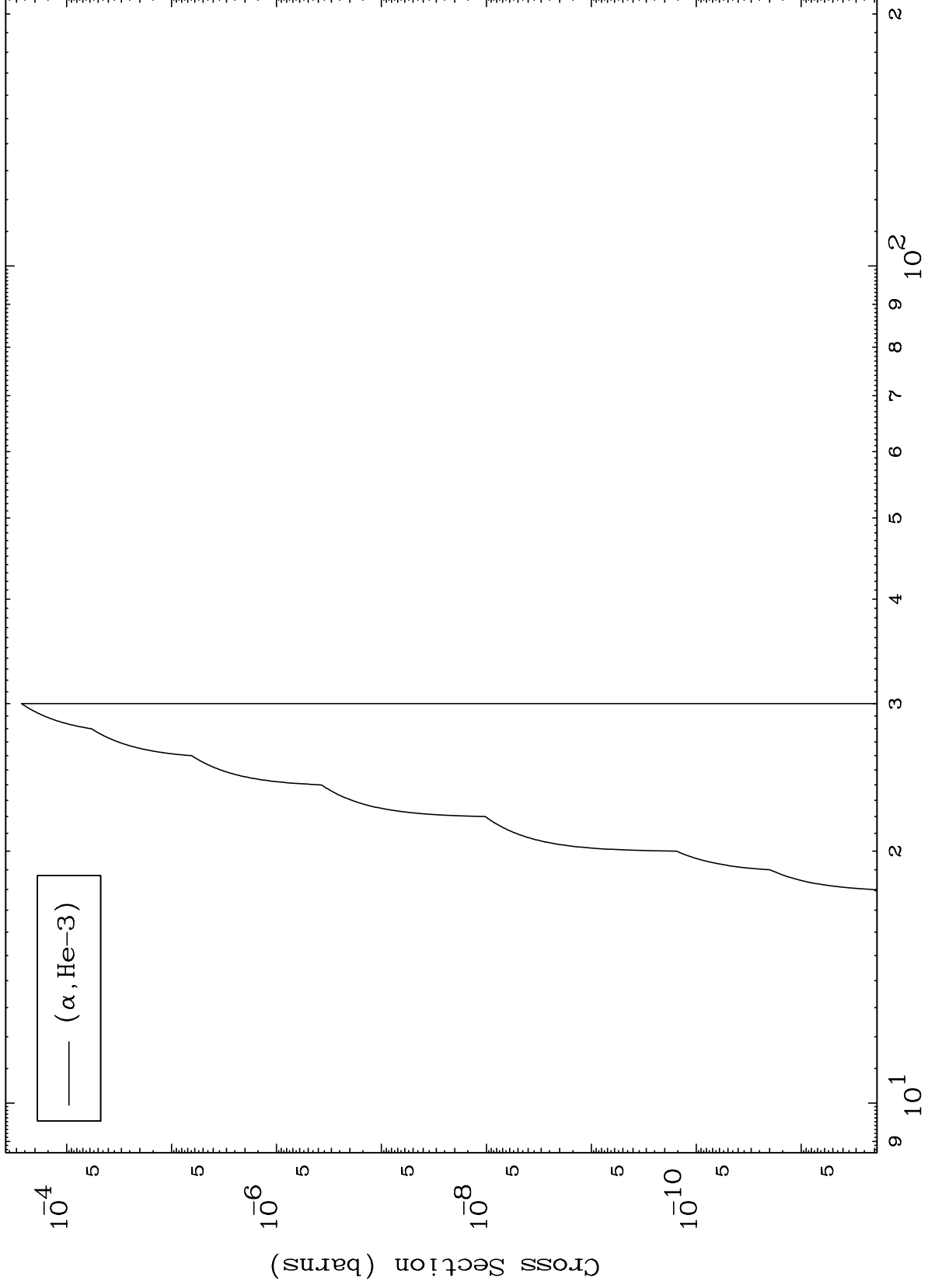




MAT 6286

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

63-Eu-138



9

Incident Energy (MeV)

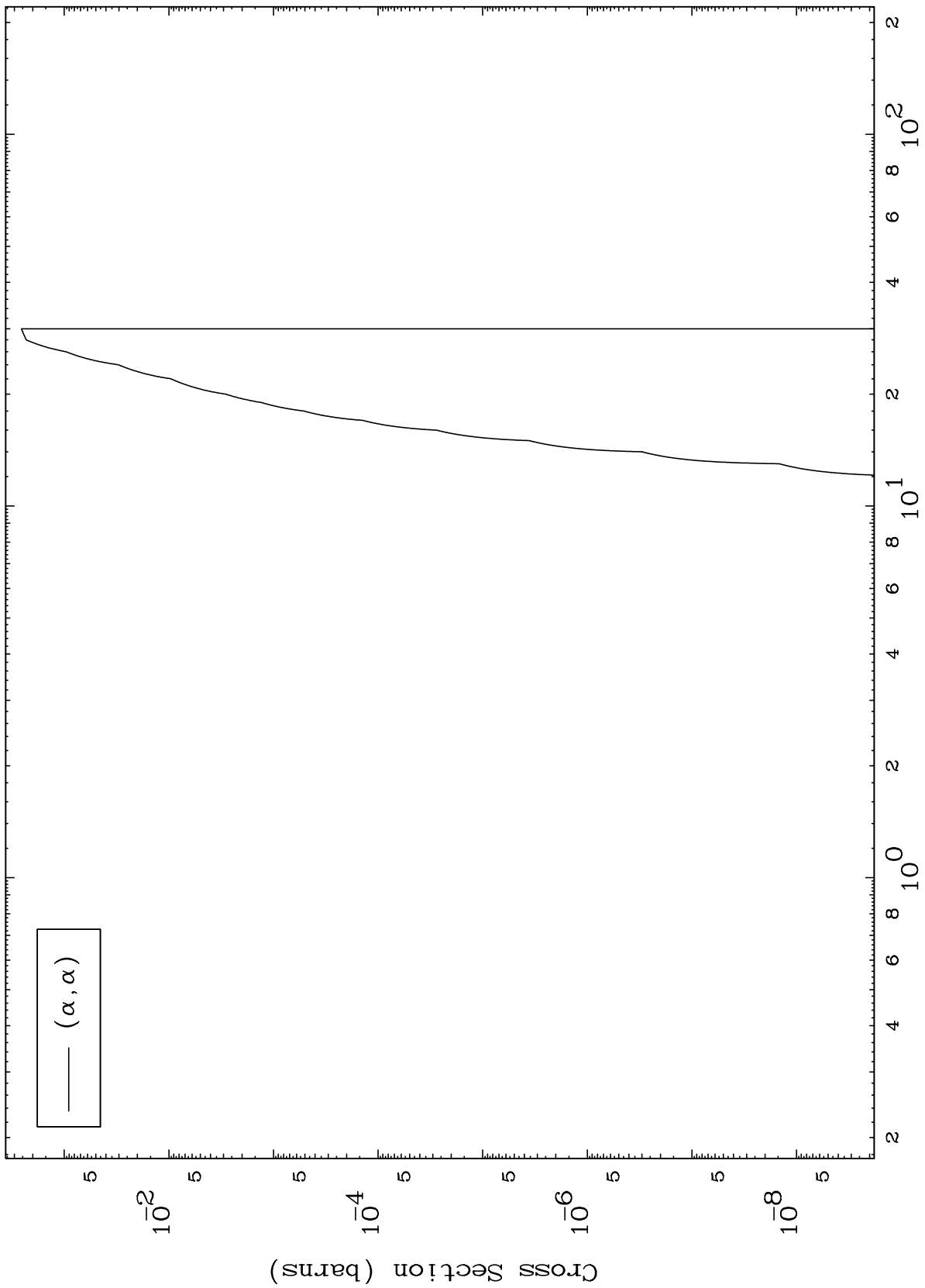
63-Eu-138

MAT 6286

( $\alpha, \alpha$ ) Levels

63-Eu-138

0 Kelvin Cross Sections



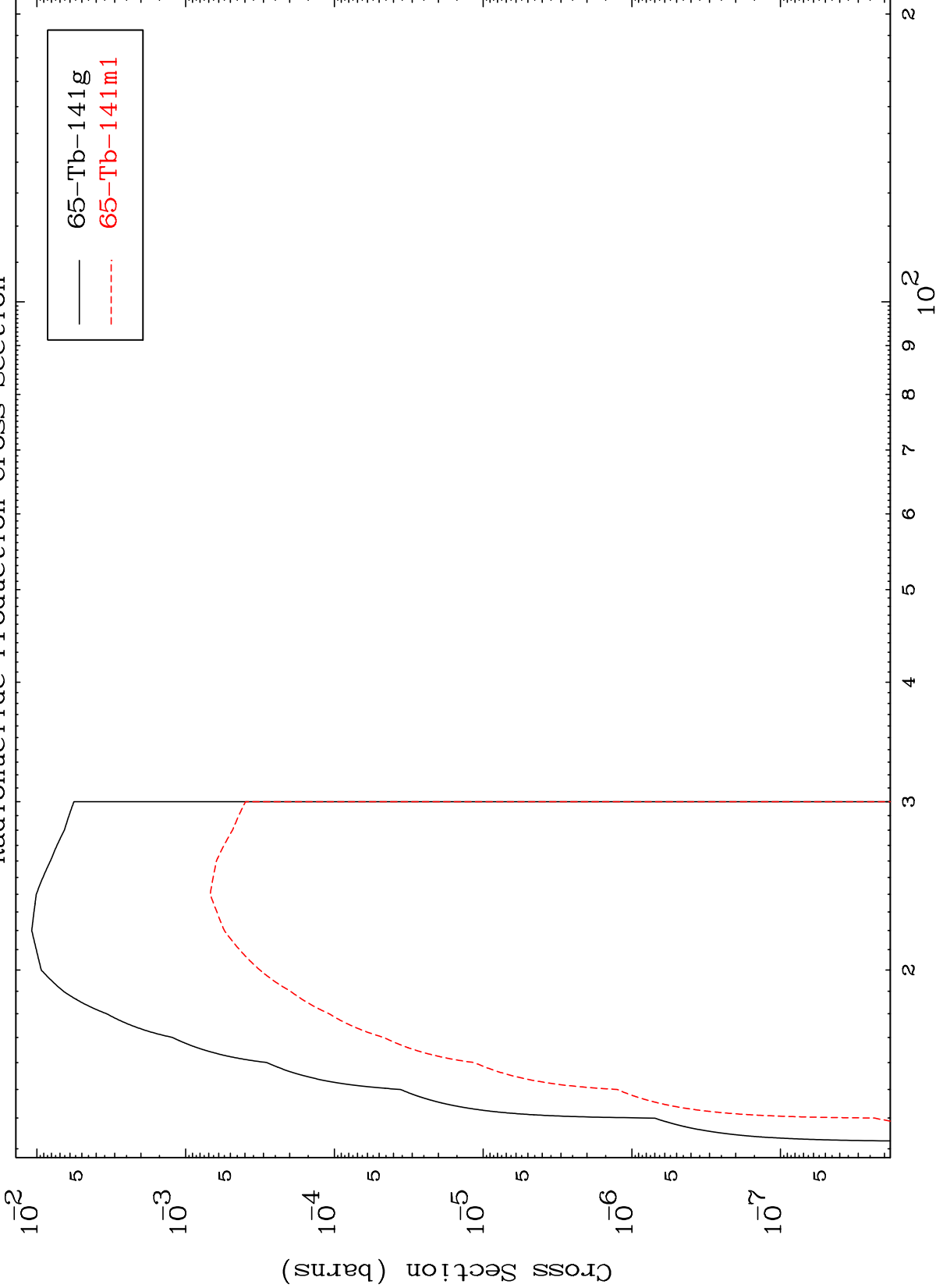
( $\alpha, \alpha$ )

10

Incident Energy (MeV)

63-Eu-138

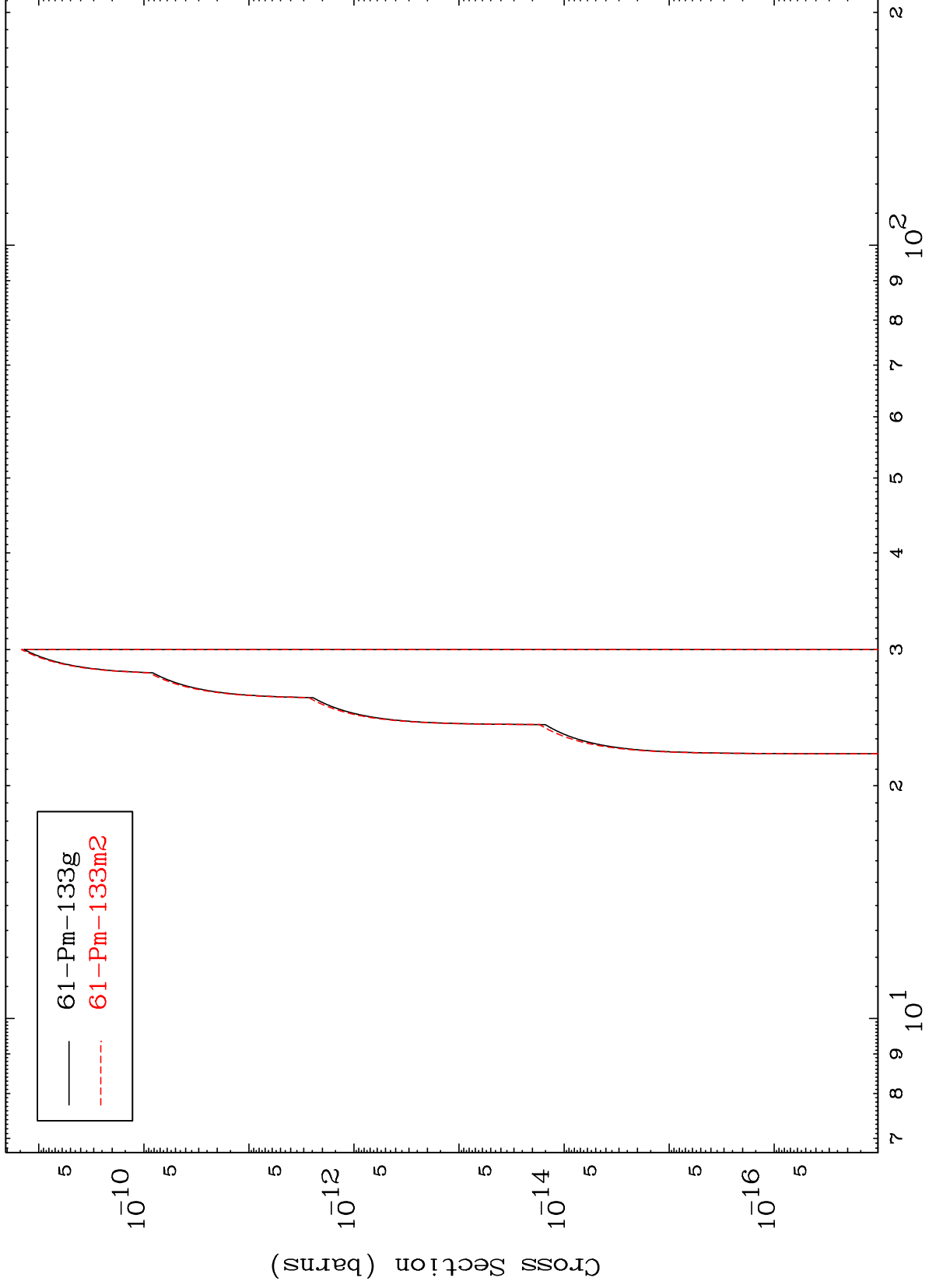
Radionuclide Production Cross Section



MAT 6286

63-Eu-138

$(\alpha, n')$   $2\alpha$   
Radionuclide Production Cross Section

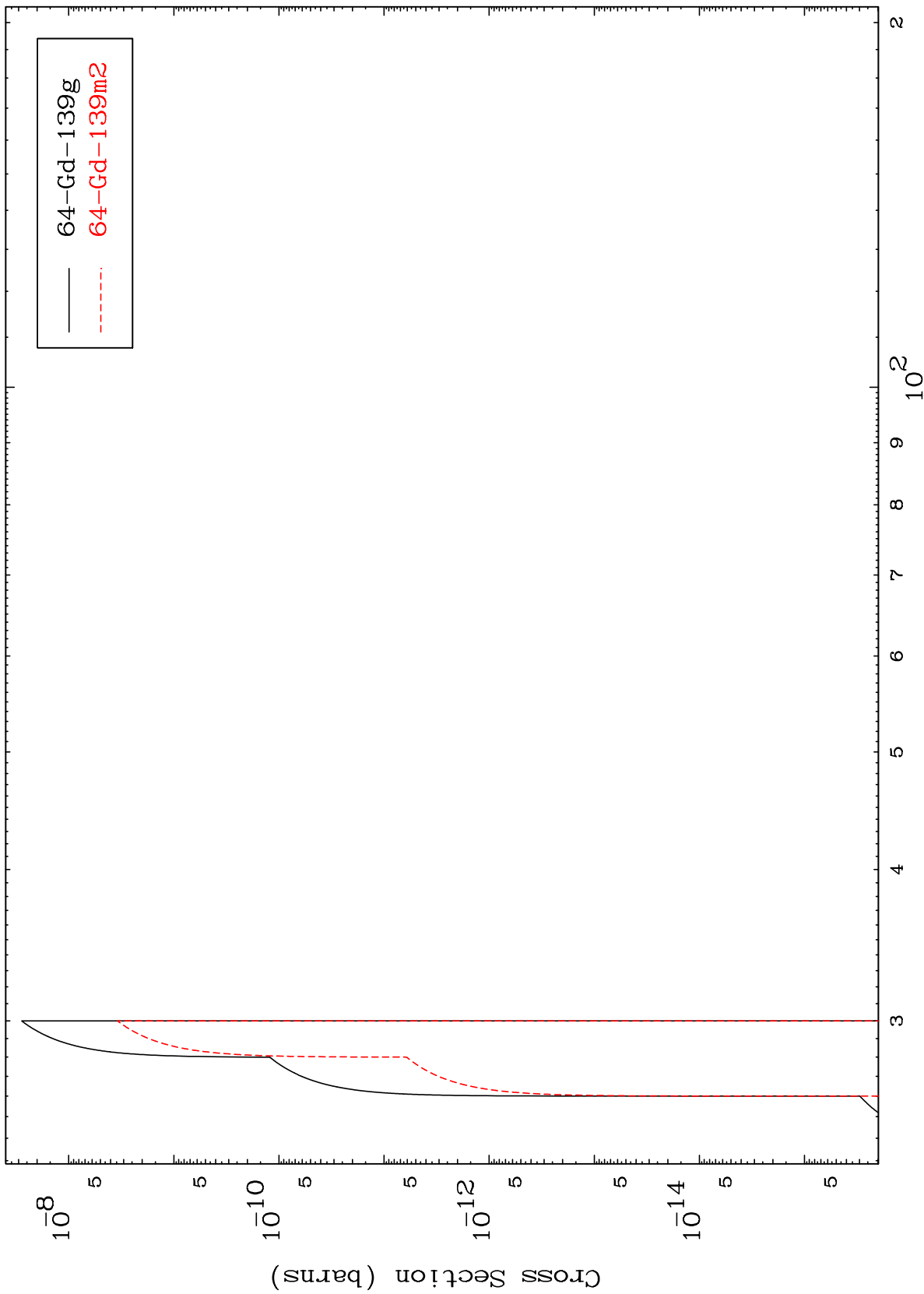


12

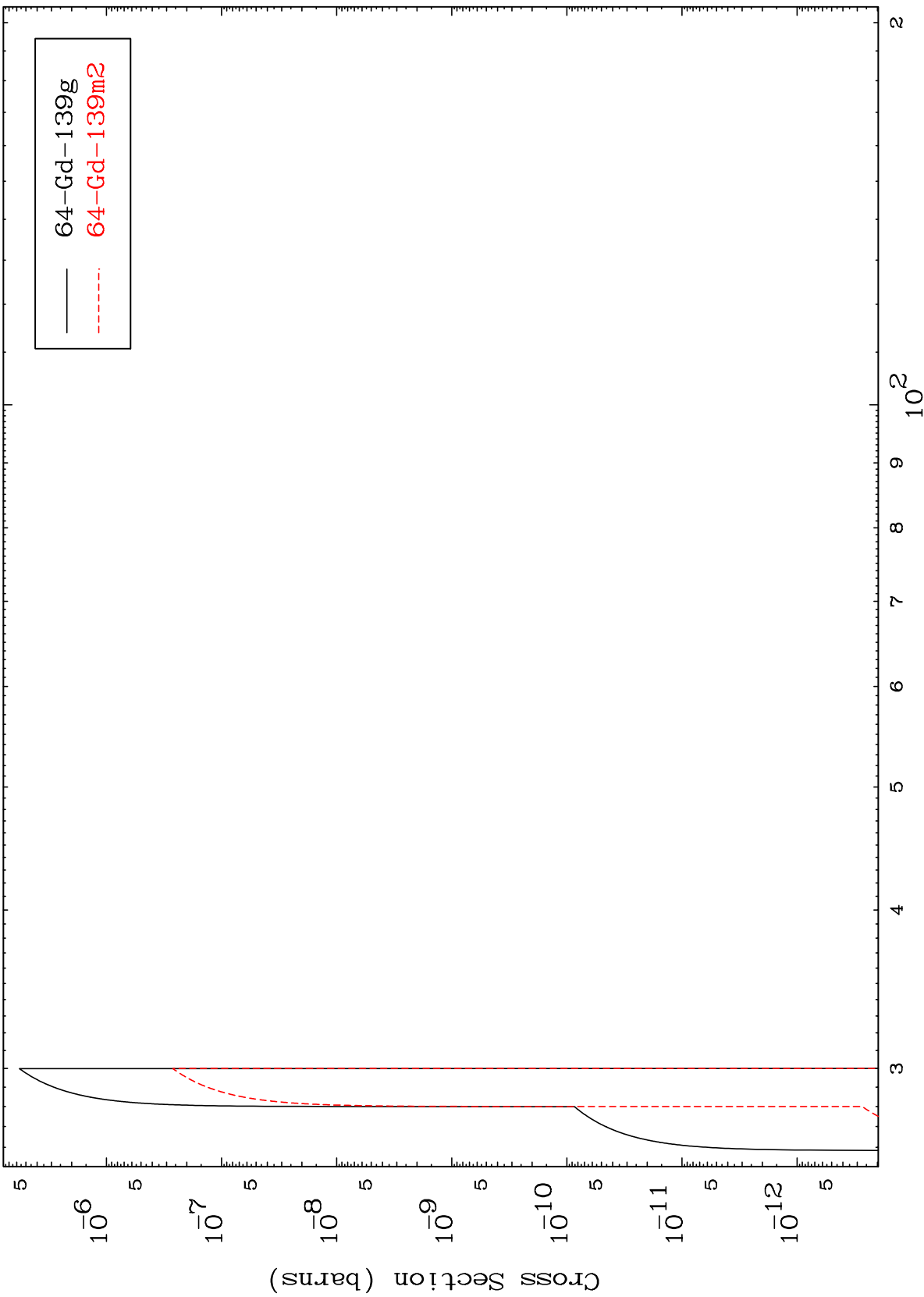
Incident Energy (MeV)

63-Eu-138

Radionuclide Production Cross Section



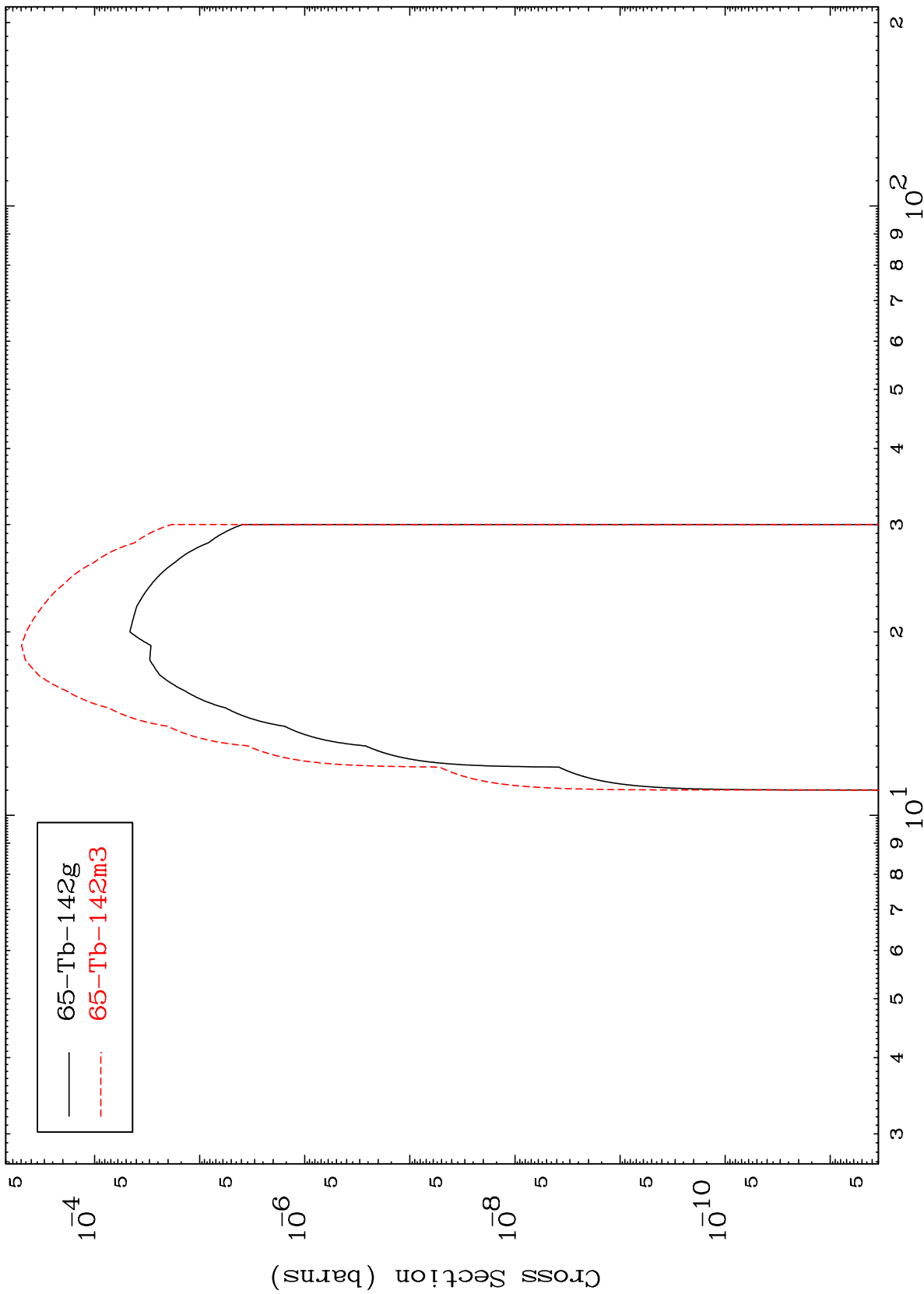
Radionuclide Production Cross Section



MAT 6286

63-Eu-138

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



63-Eu-138

Incident Energy (MeV)

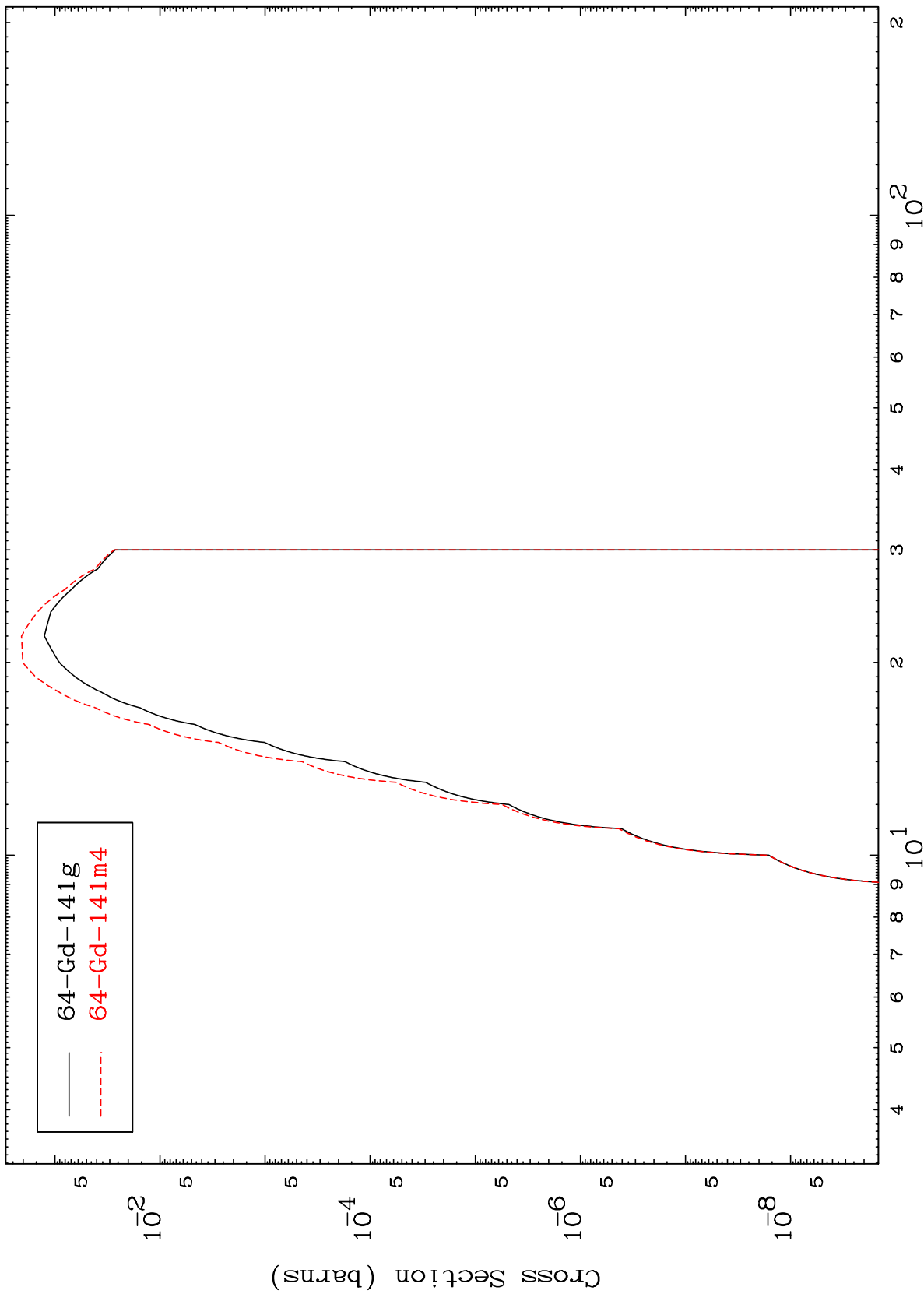
15



MAT 6286

63-Eu-138

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

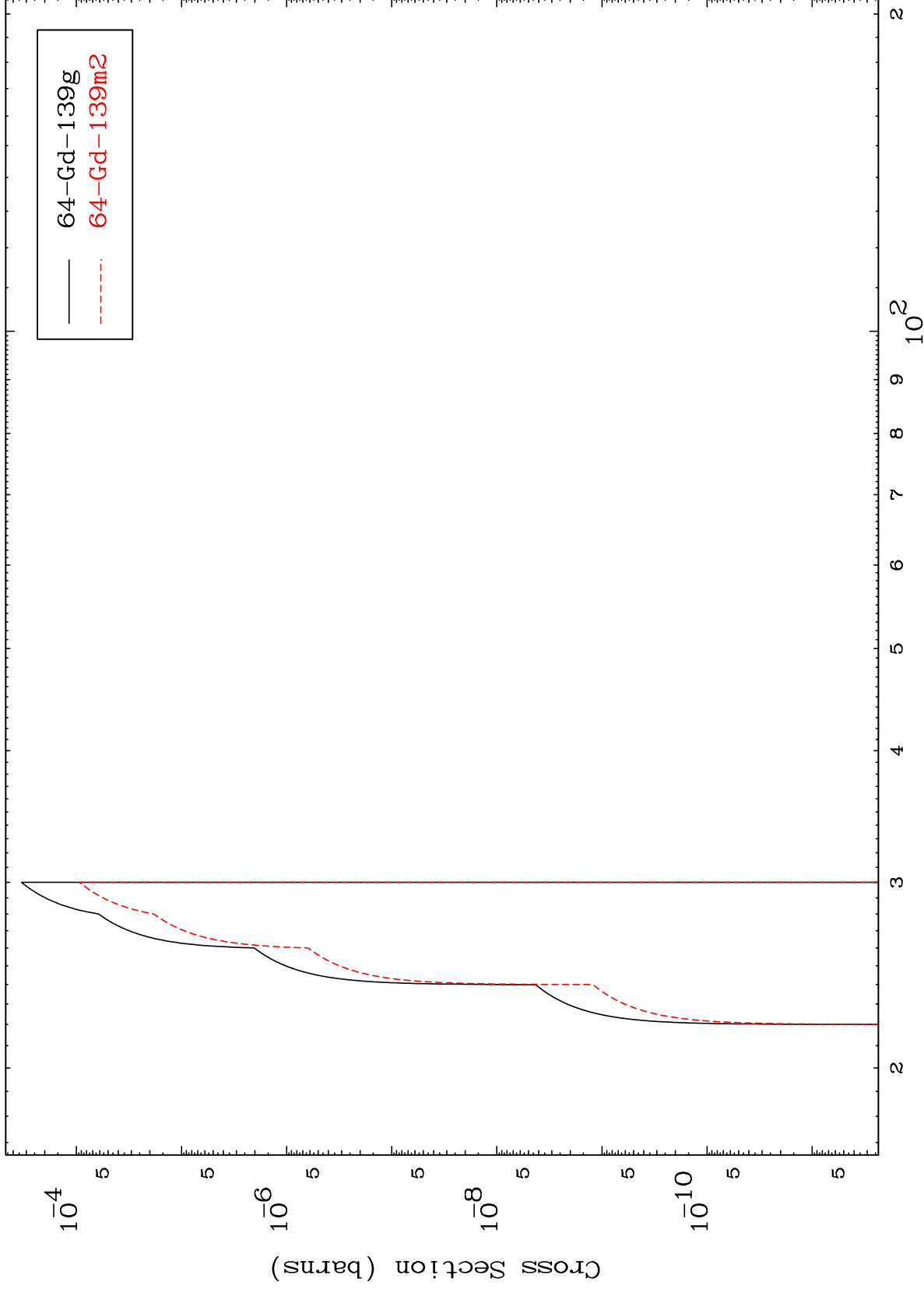


16

Incident Energy (MeV)

63-Eu-138

Radionuclide Production Cross Section



MAT 6286

( $\alpha, 2\alpha$ )

63-Eu-138

