

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

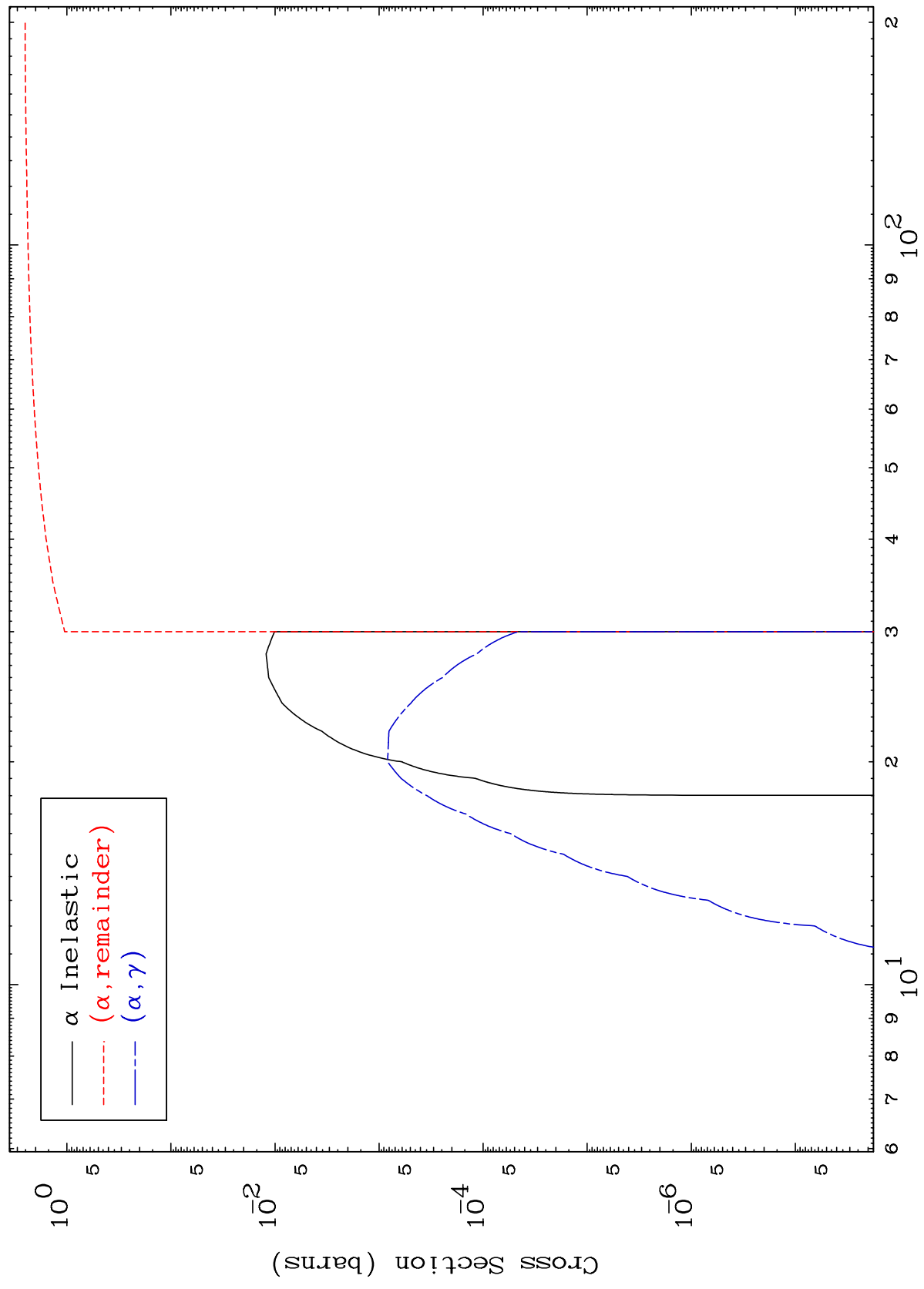
Press Mouse Button to Start

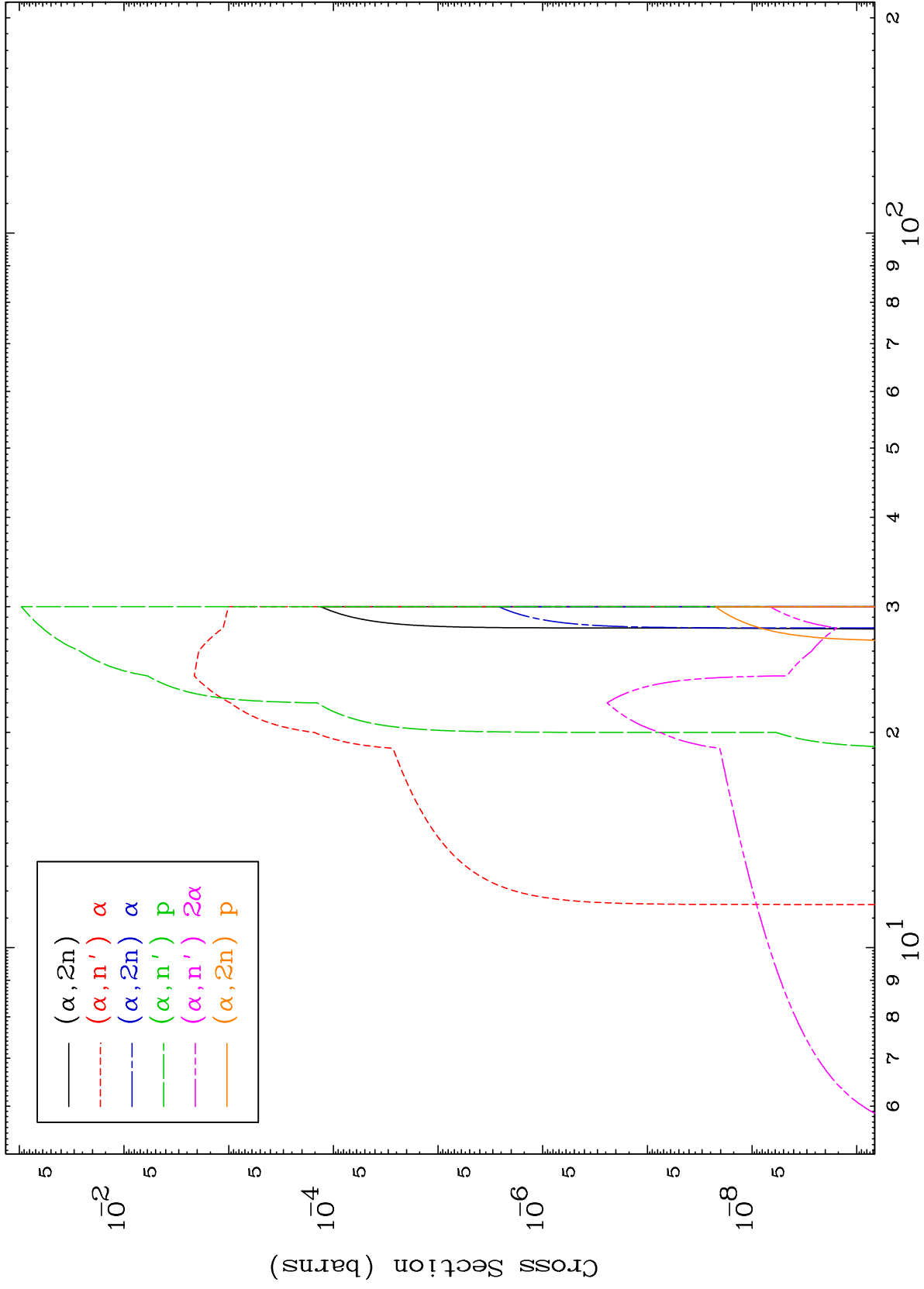
MAT 7466

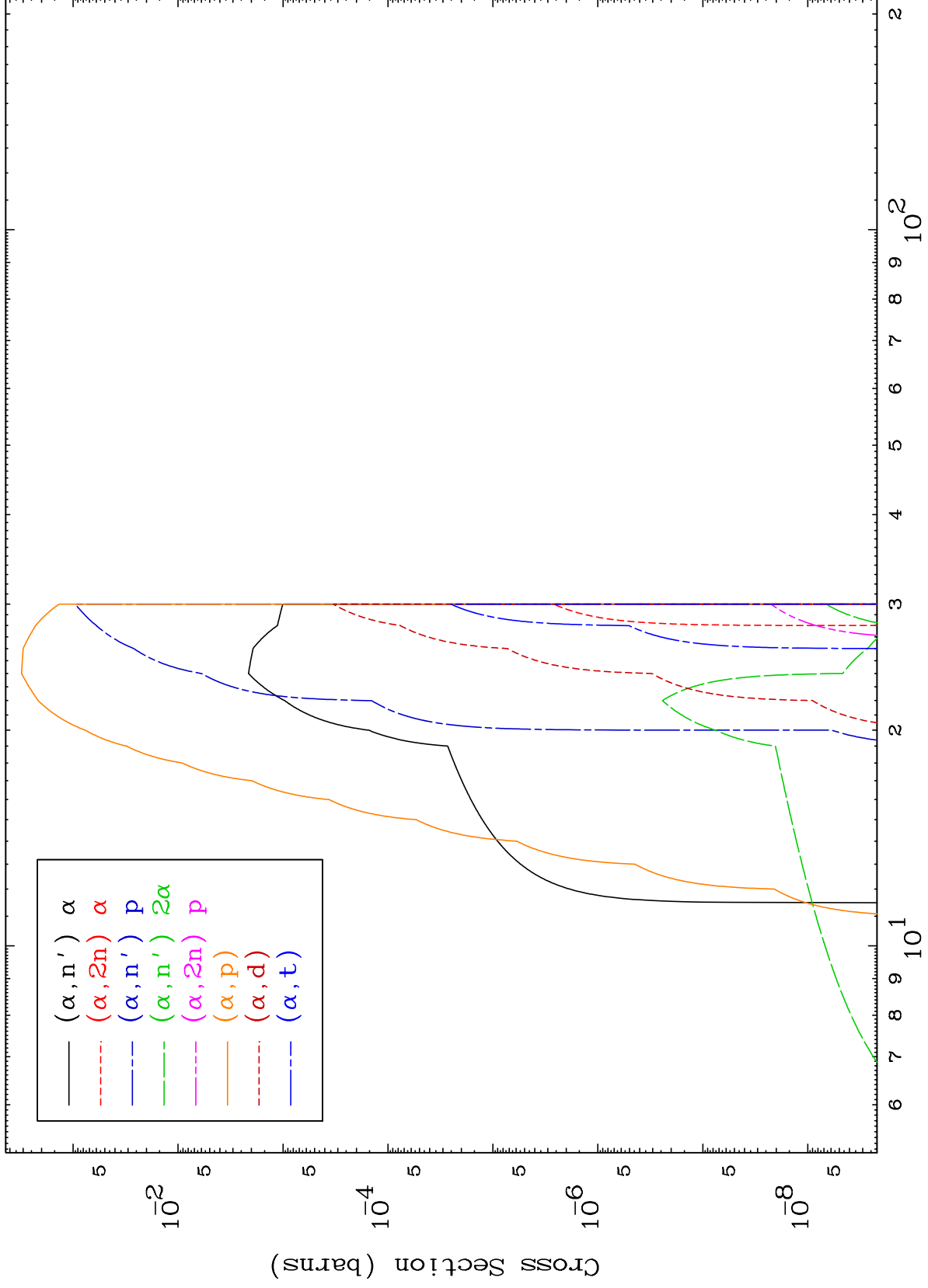
0 Kelvin

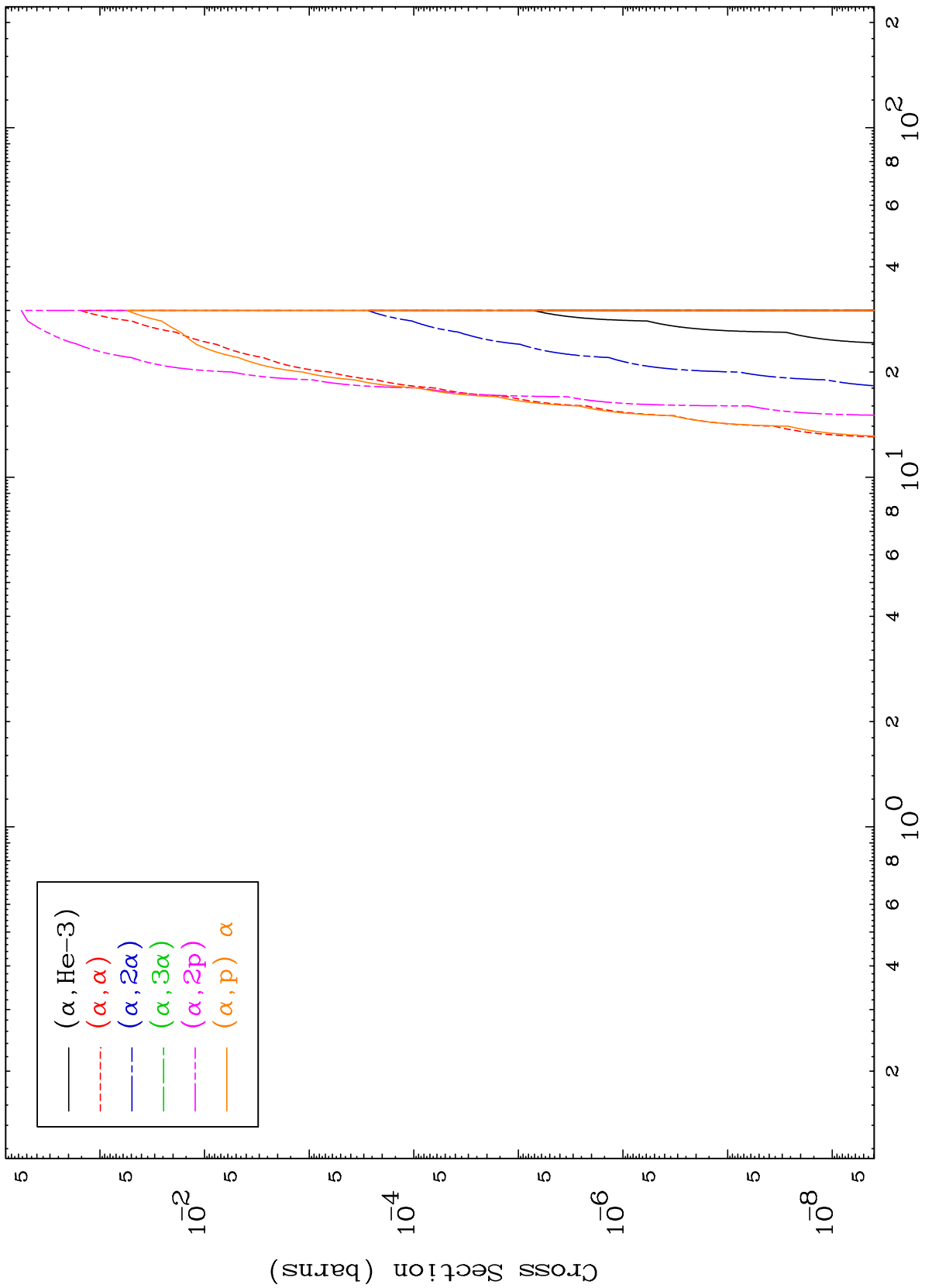
$\alpha$  Major Cross Sections

75-Re-165







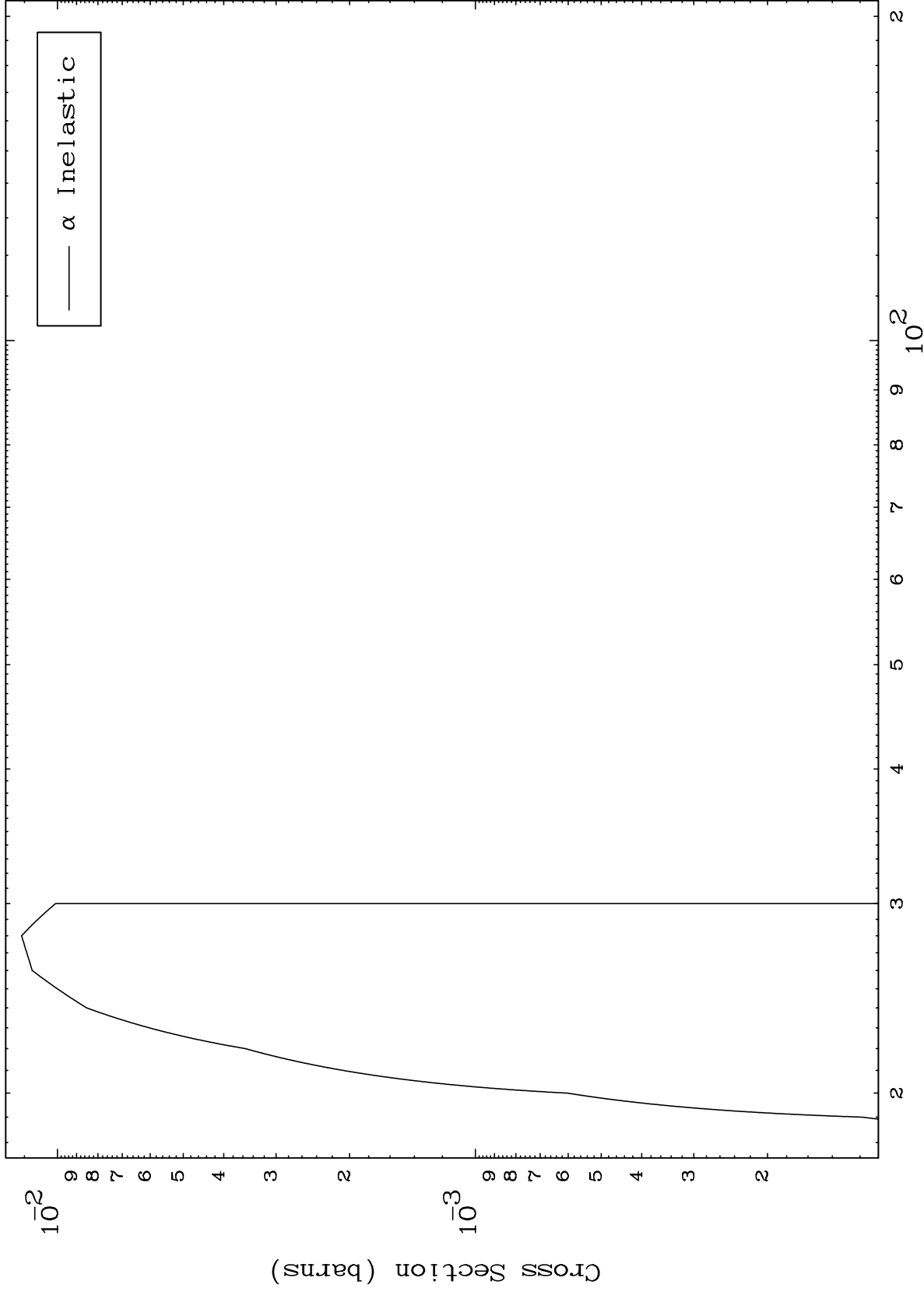


MAT 7466

( $\alpha, n'$ ) Level

75-Re-165

0 Kelvin Cross Sections



5

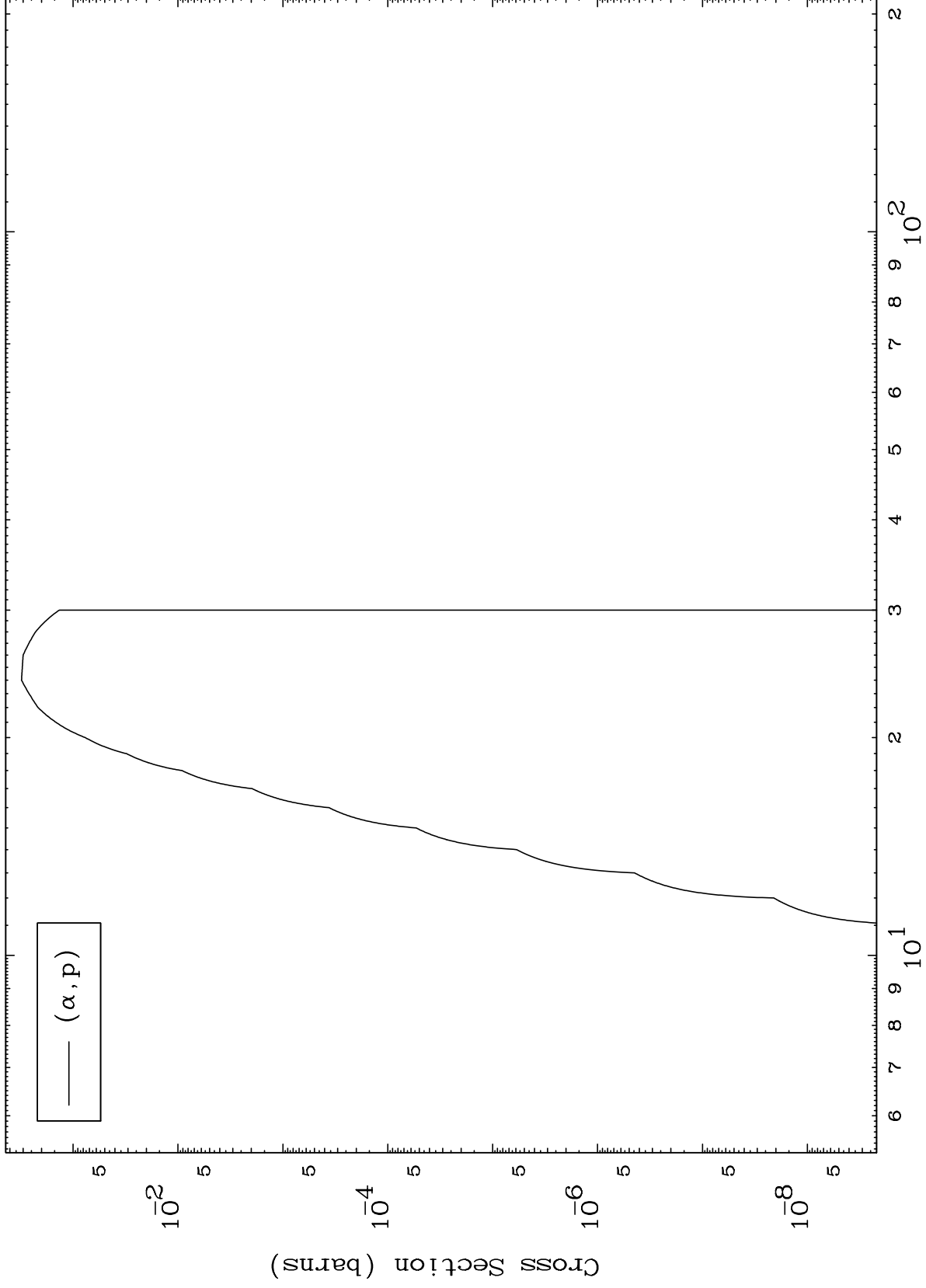
Incident Energy (MeV)

75-Re-165

MAT 7466

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

75-Re-165



6

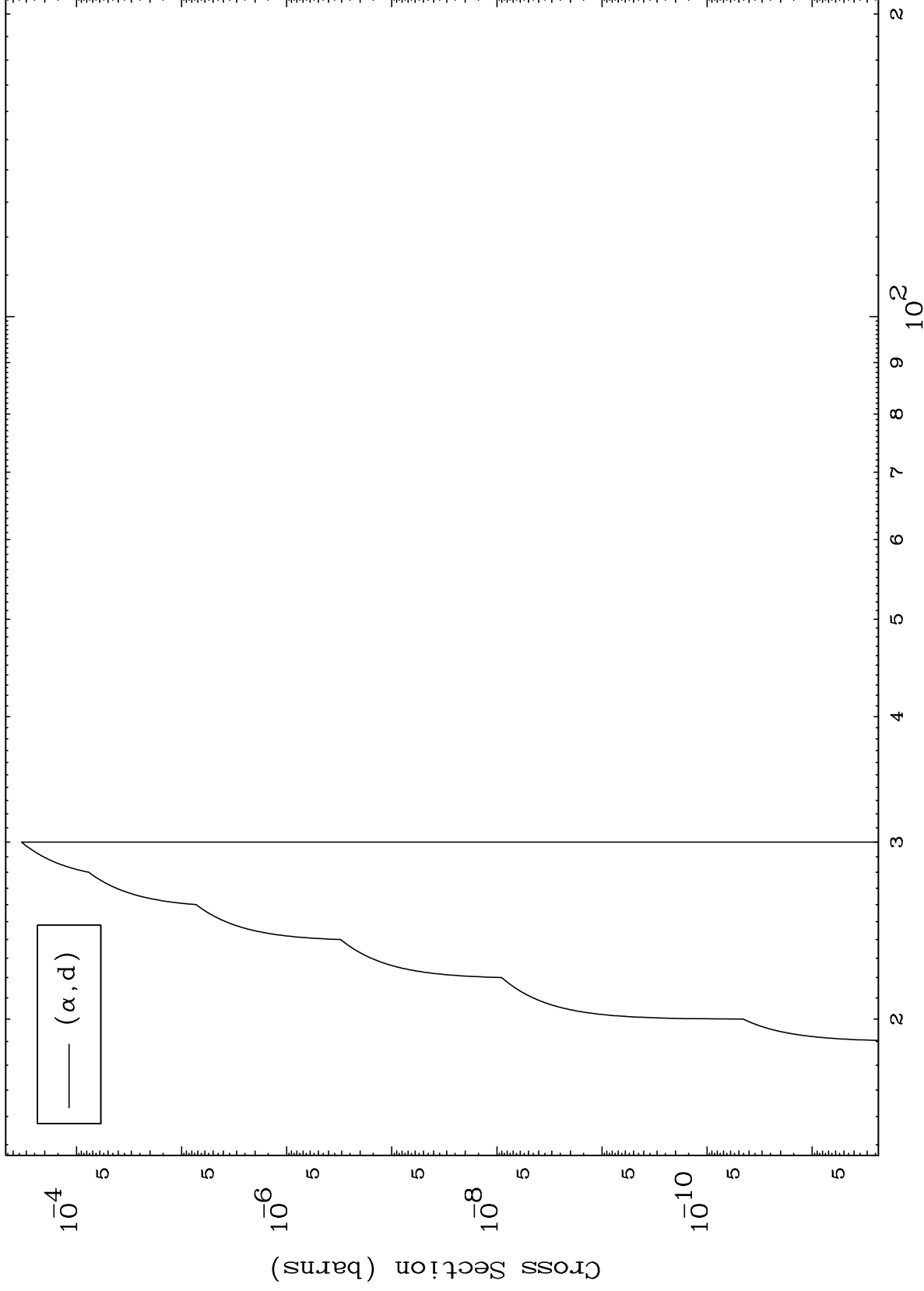
Incident Energy (MeV)

75-Re-165

MAT 7466

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

75-Re-165

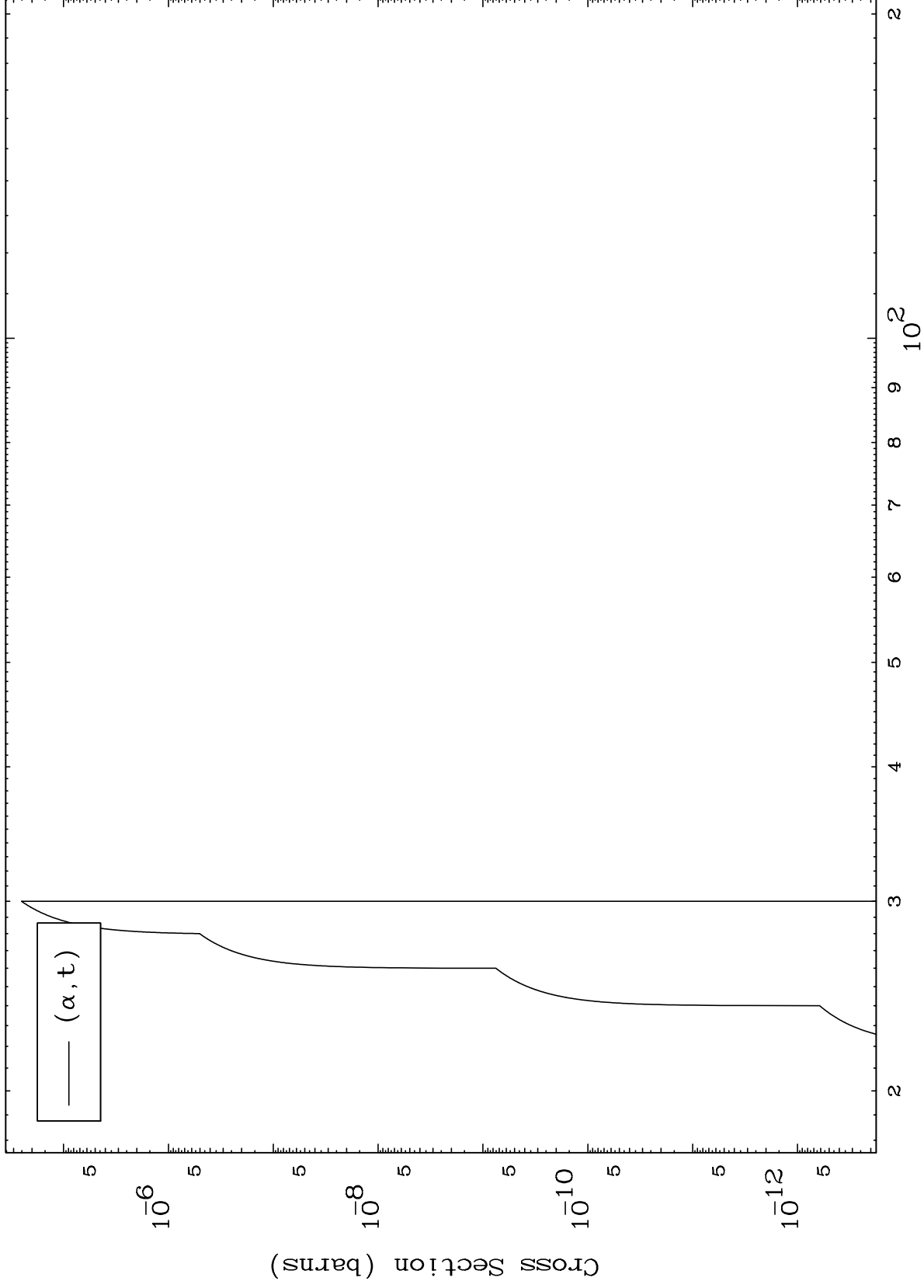




MAT 7466

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

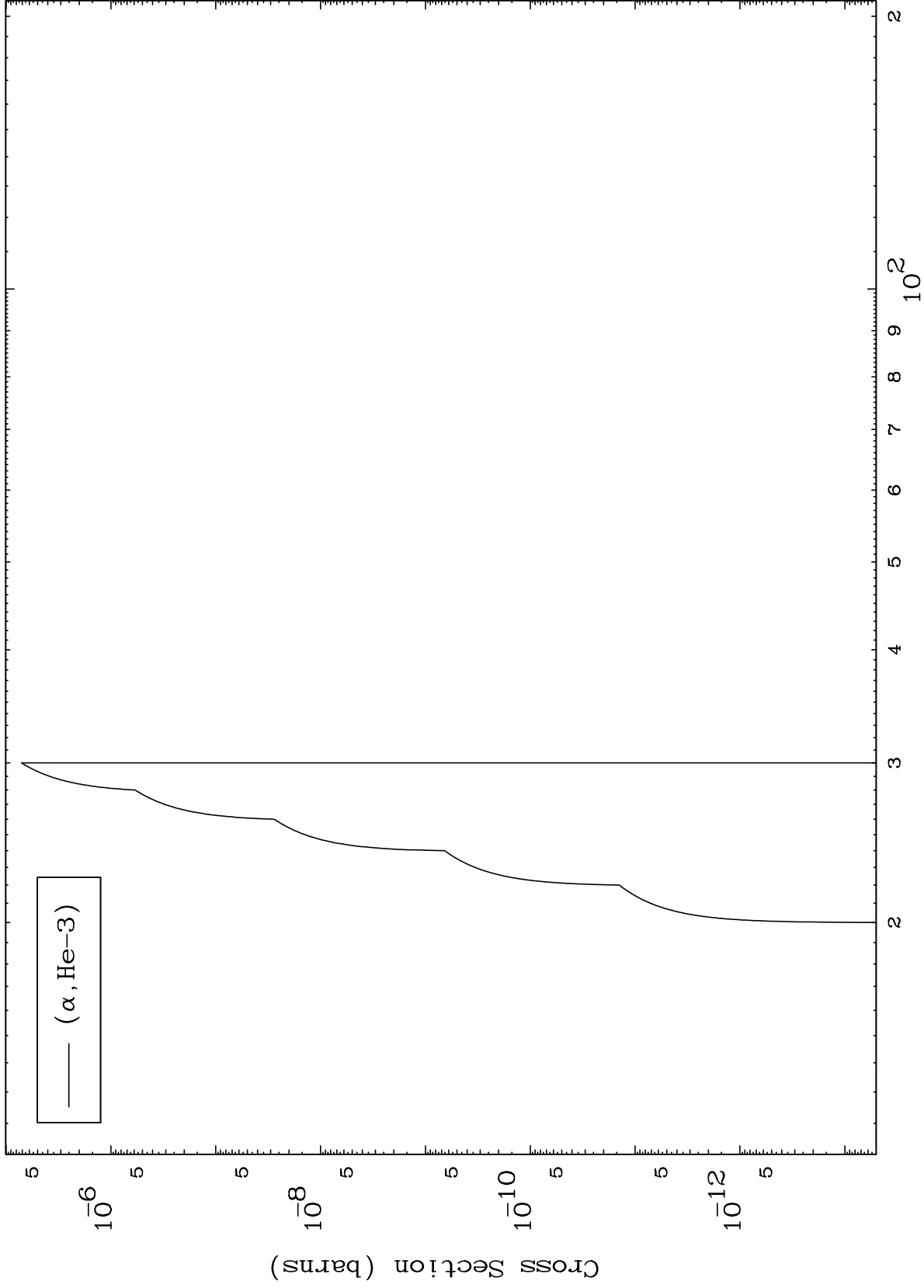
75-Re-165



8

Incident Energy (MeV)

75-Re-165

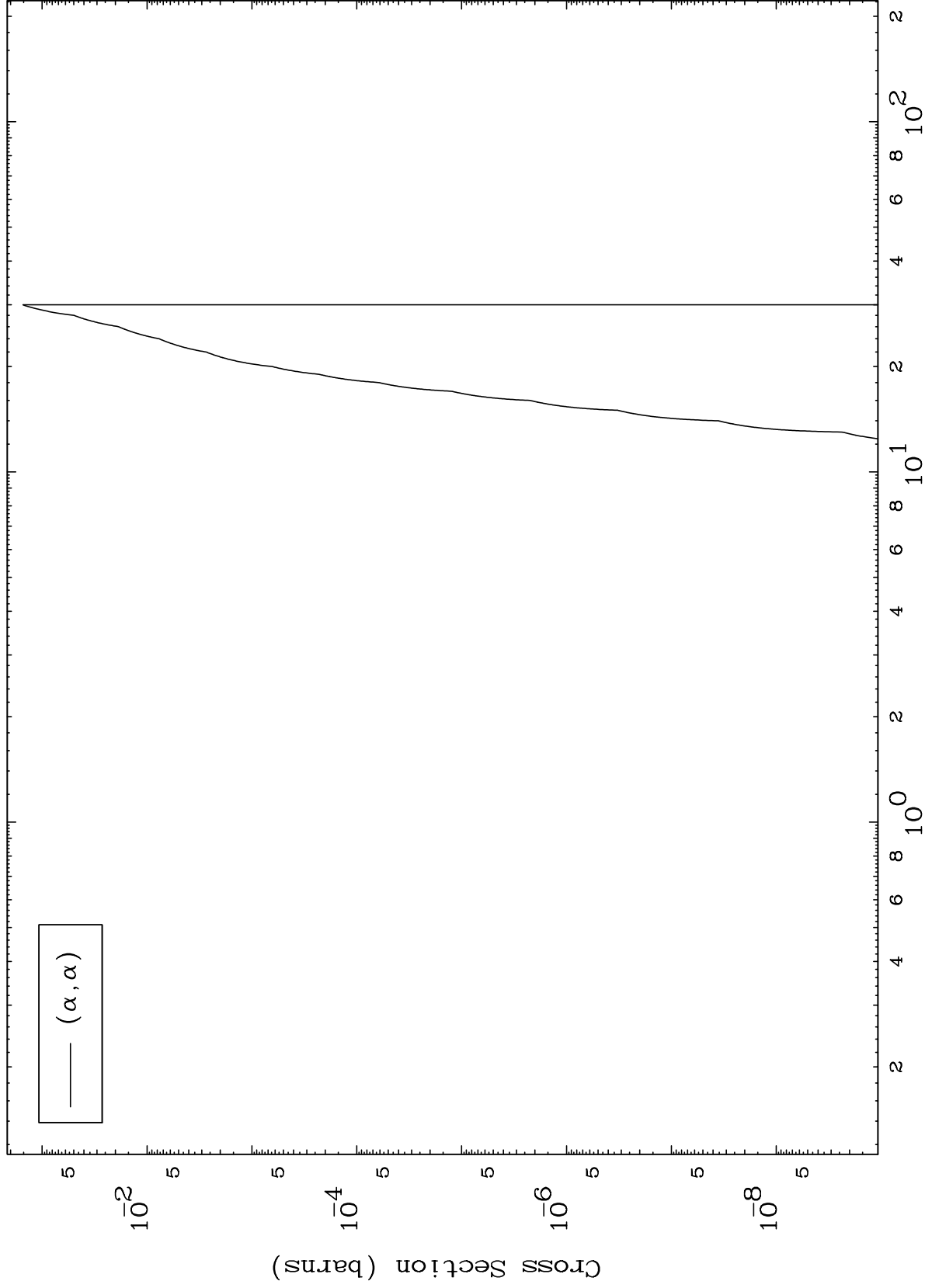


MAT 7466

( $\alpha, \alpha$ ) Levels

75-Re-165

0 Kelvin Cross Sections



10

Incident Energy (MeV)

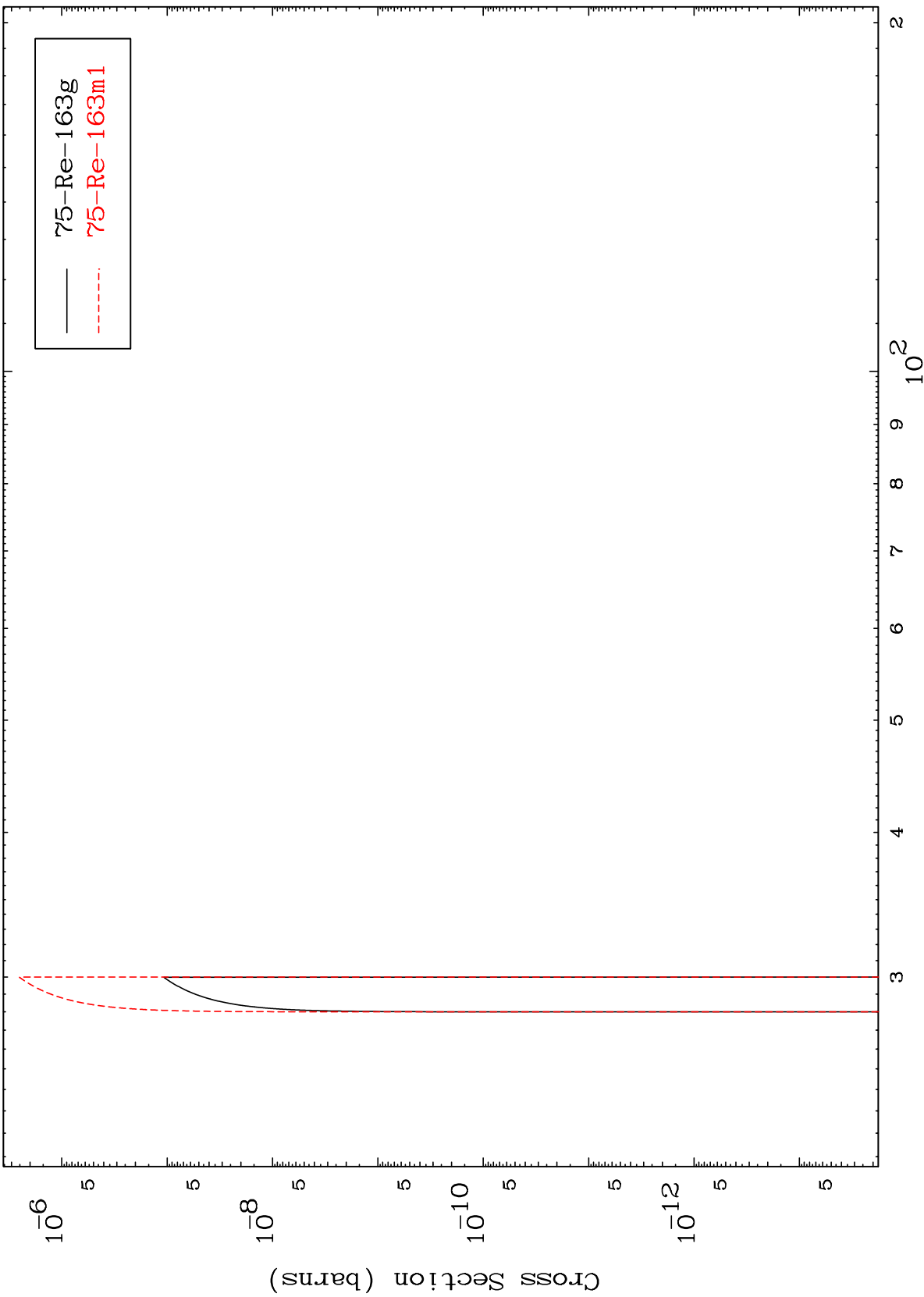
75-Re-165

MAT 7466

$(\alpha, 2n)$   $\alpha$

<sup>75</sup>Re-165

Radionuclide Production Cross Section

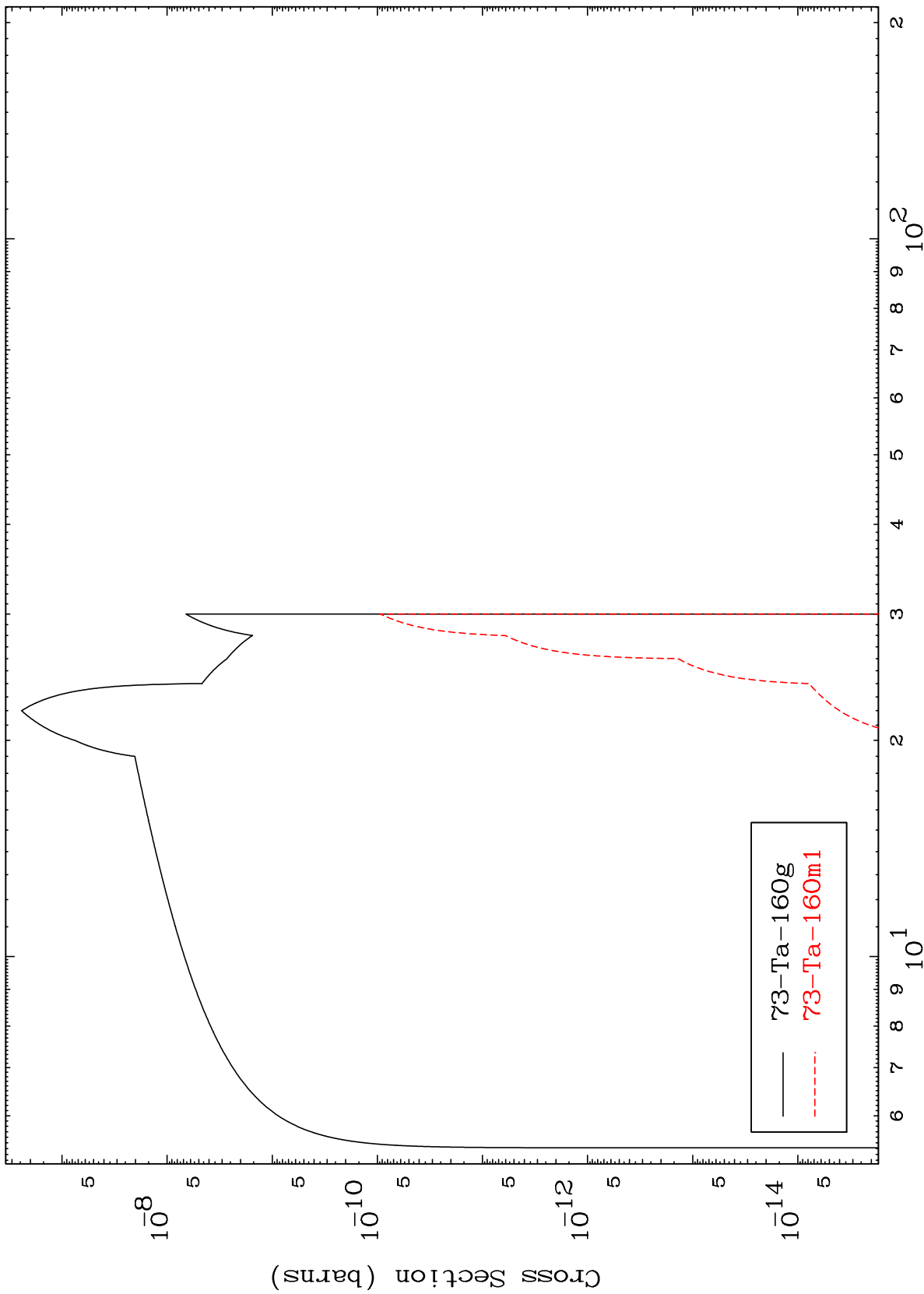


— <sup>75</sup>Re-163g  
- - - <sup>75</sup>Re-163m1

MAT 7466

75-Re-165

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



75-Re-165

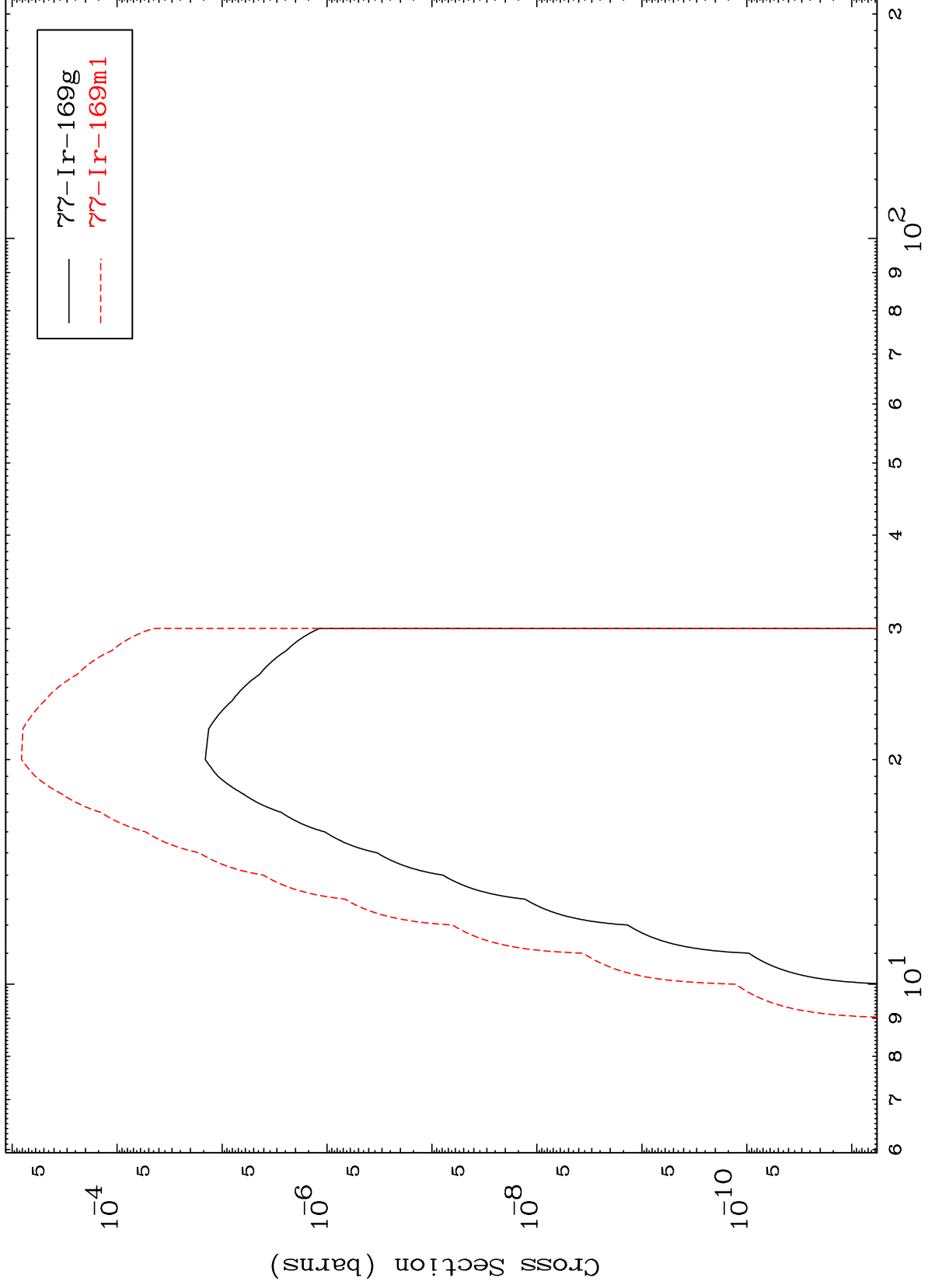
Incident Energy (MeV)

12

MAT 7466

<sup>75</sup>Re-165

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



13

Incident Energy (MeV)

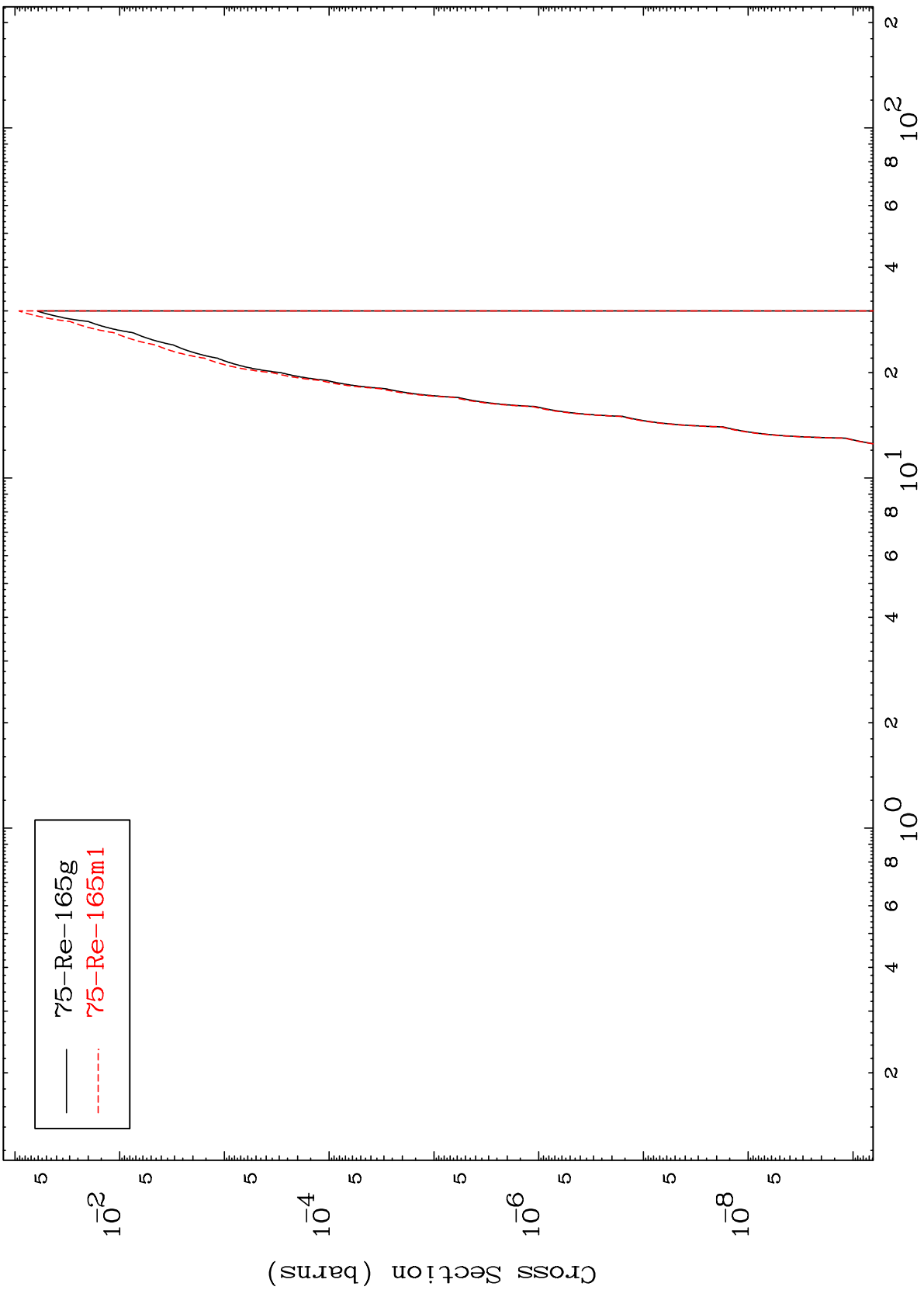
<sup>75</sup>Re-165

MAT 7466

75-Re-165

( $\alpha, \alpha$ )

Radionuclide Production Cross Section



14

75-Re-165

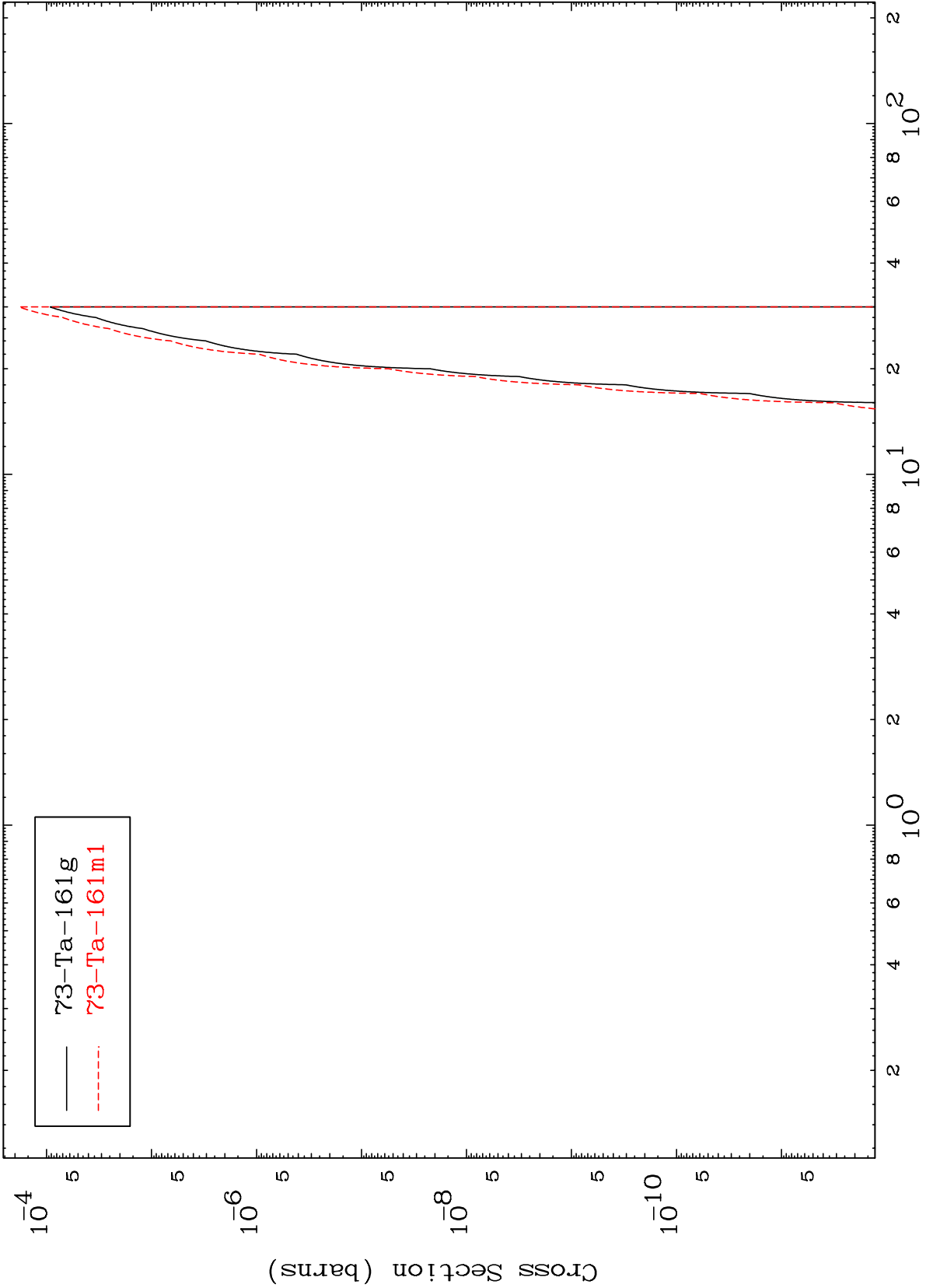
Incident Energy (MeV)

MAT 7466

( $\alpha, 2\alpha$ )

75-Re-165

Radionuclide Production Cross Section



73-Ta-161g  
73-Ta-161m1

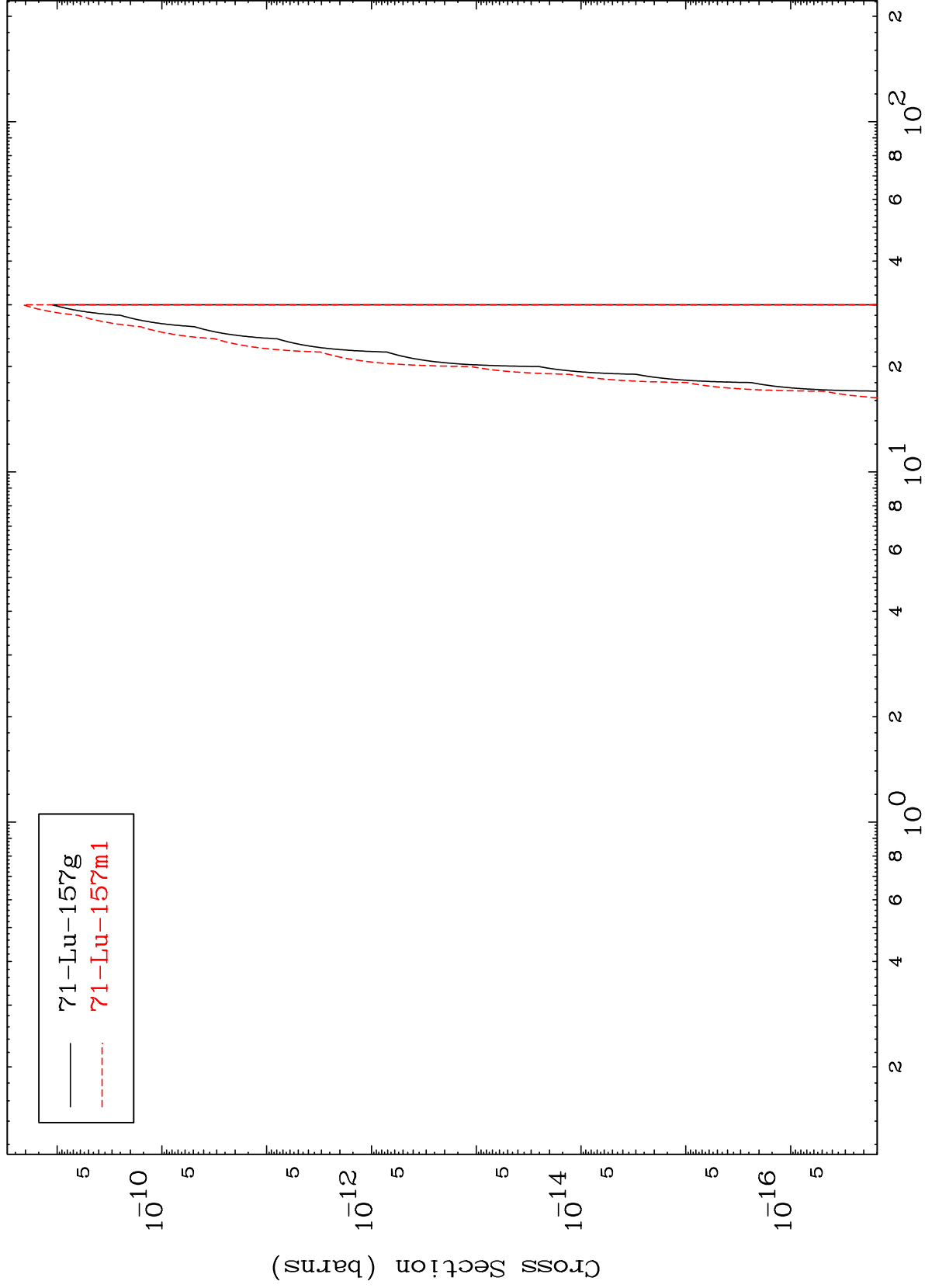


MAT 7466

( $\alpha, 3\alpha$ )

75-Re-165

Radionuclide Production Cross Section



16

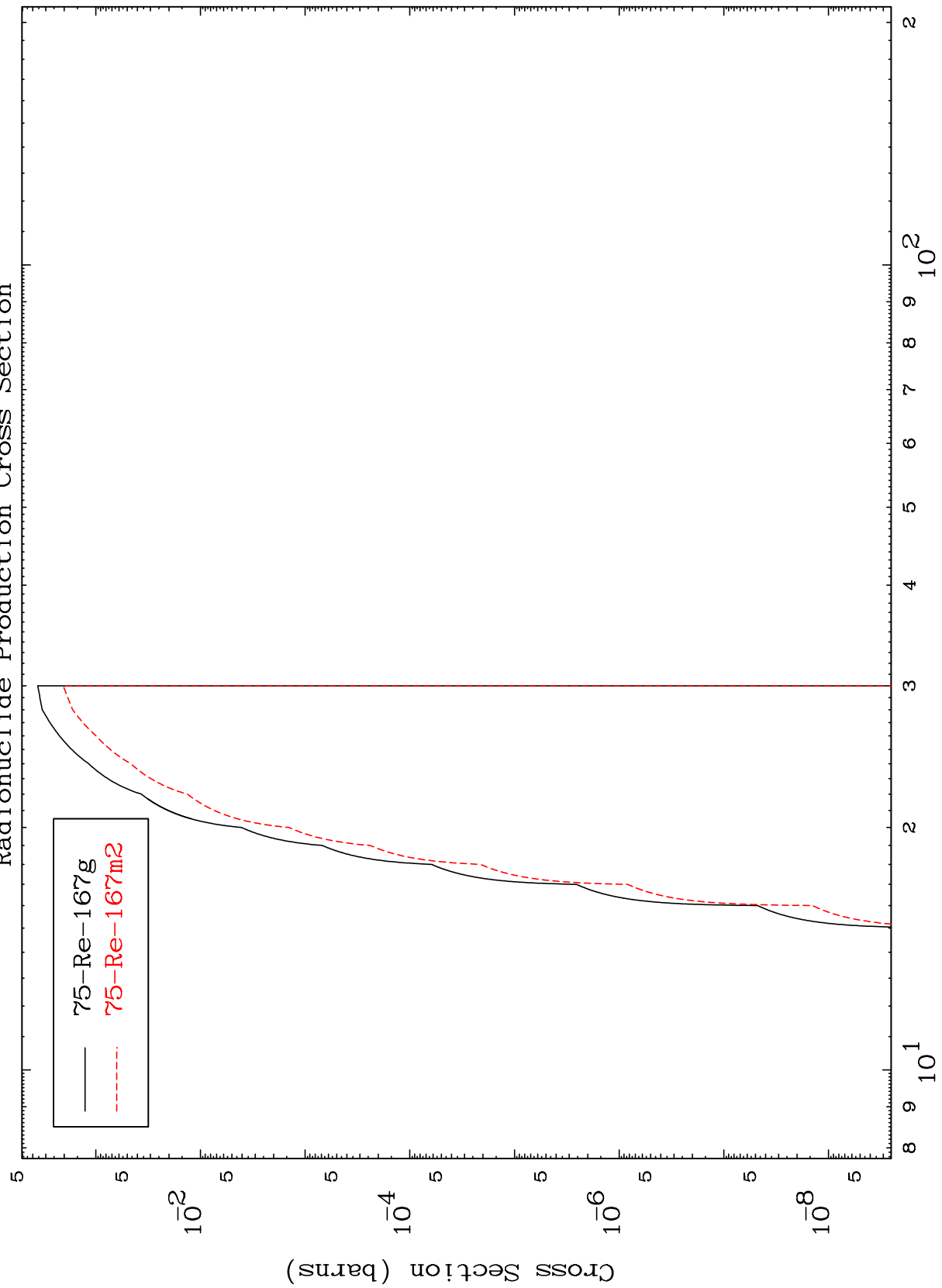
Incident Energy (MeV)

75-Re-165

MAT 7466

75-Re-165

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



75-Re-167g  
75-Re-167m2

75-Re-165

Incident Energy (MeV)

17