

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

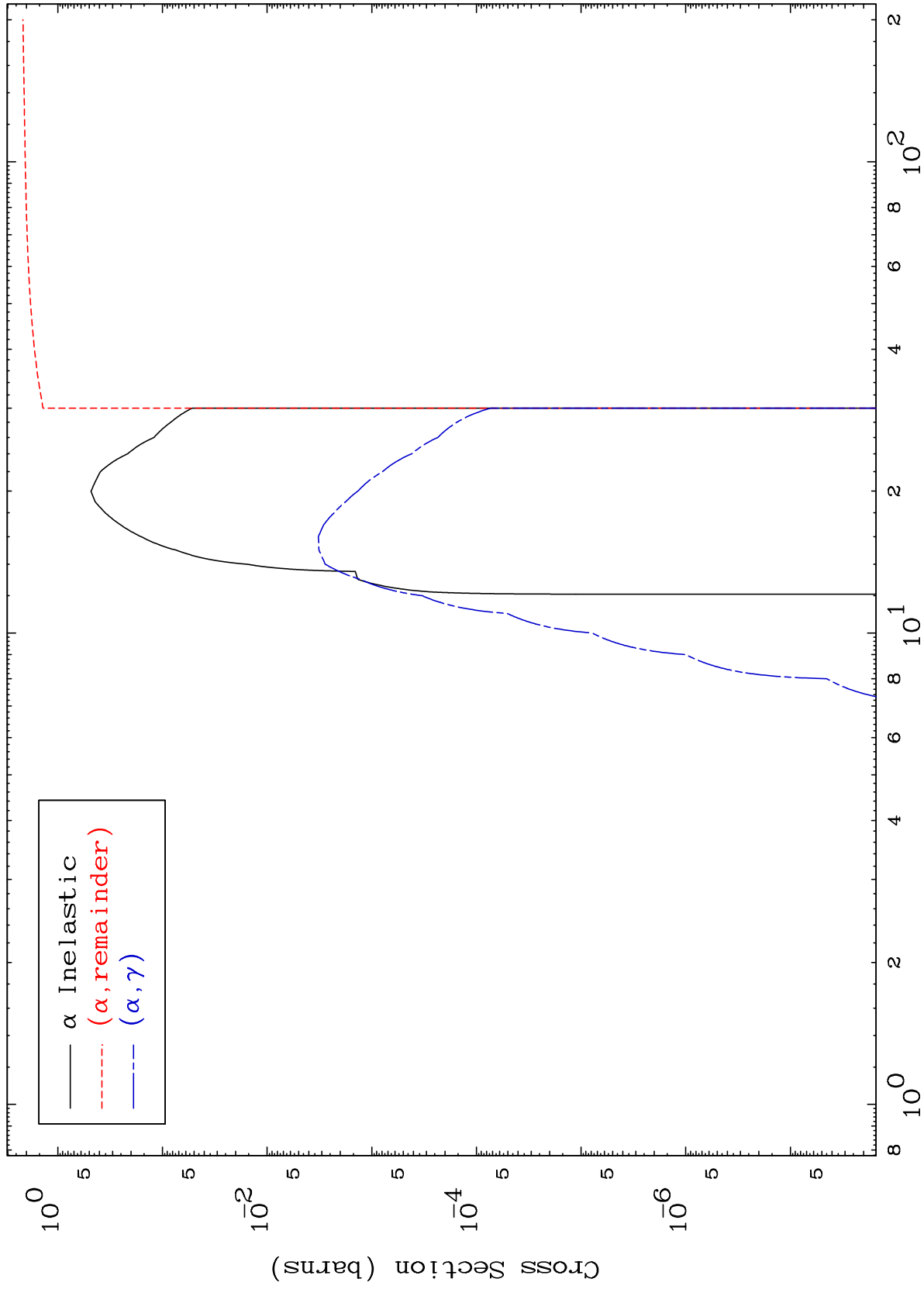
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5107

0 Kelvin  $\alpha$  Major

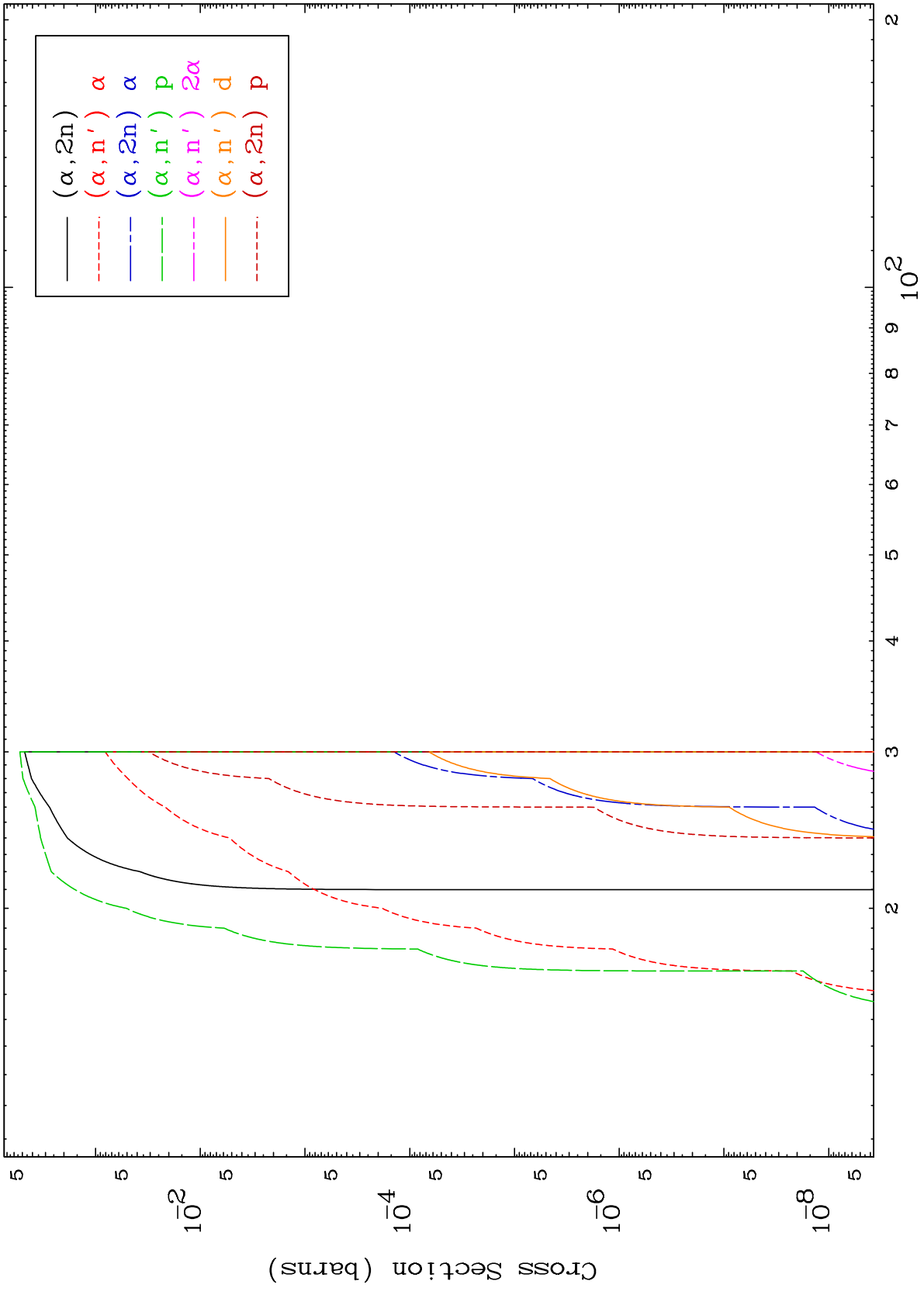
51-Sb-115

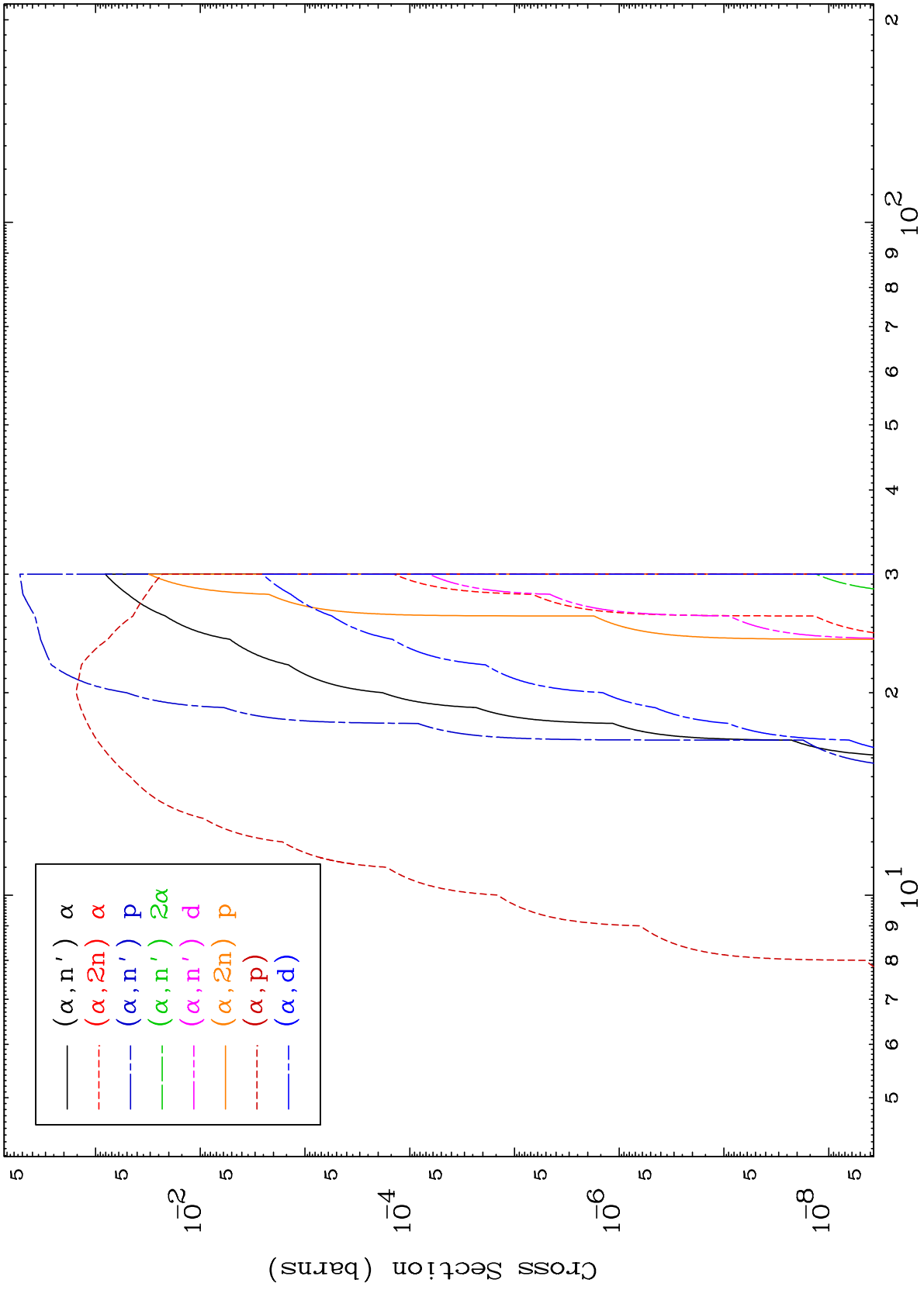


1

Incident Energy (MeV)

51-Sb-115

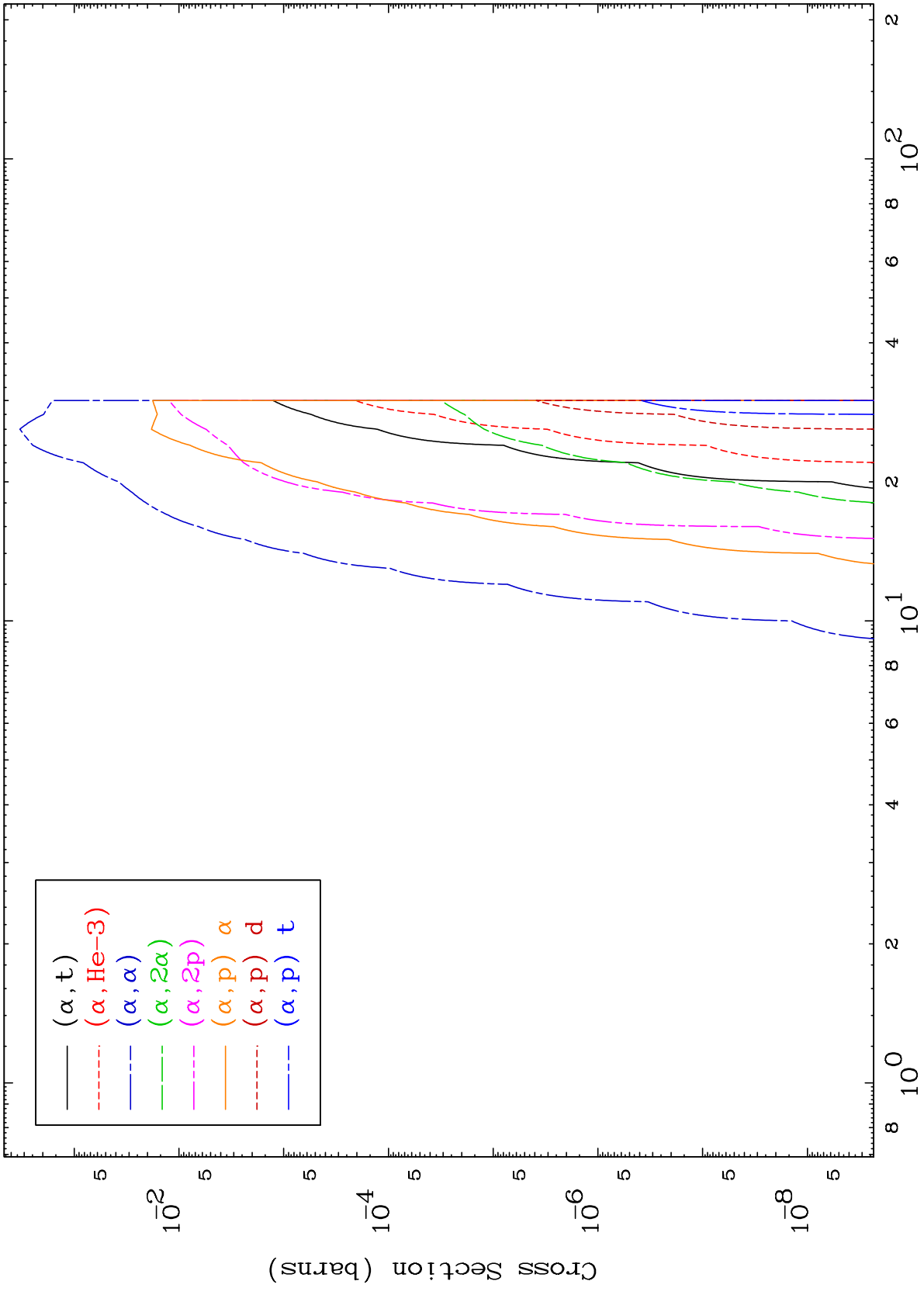




MAT 5107

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

51-Sb-115



4

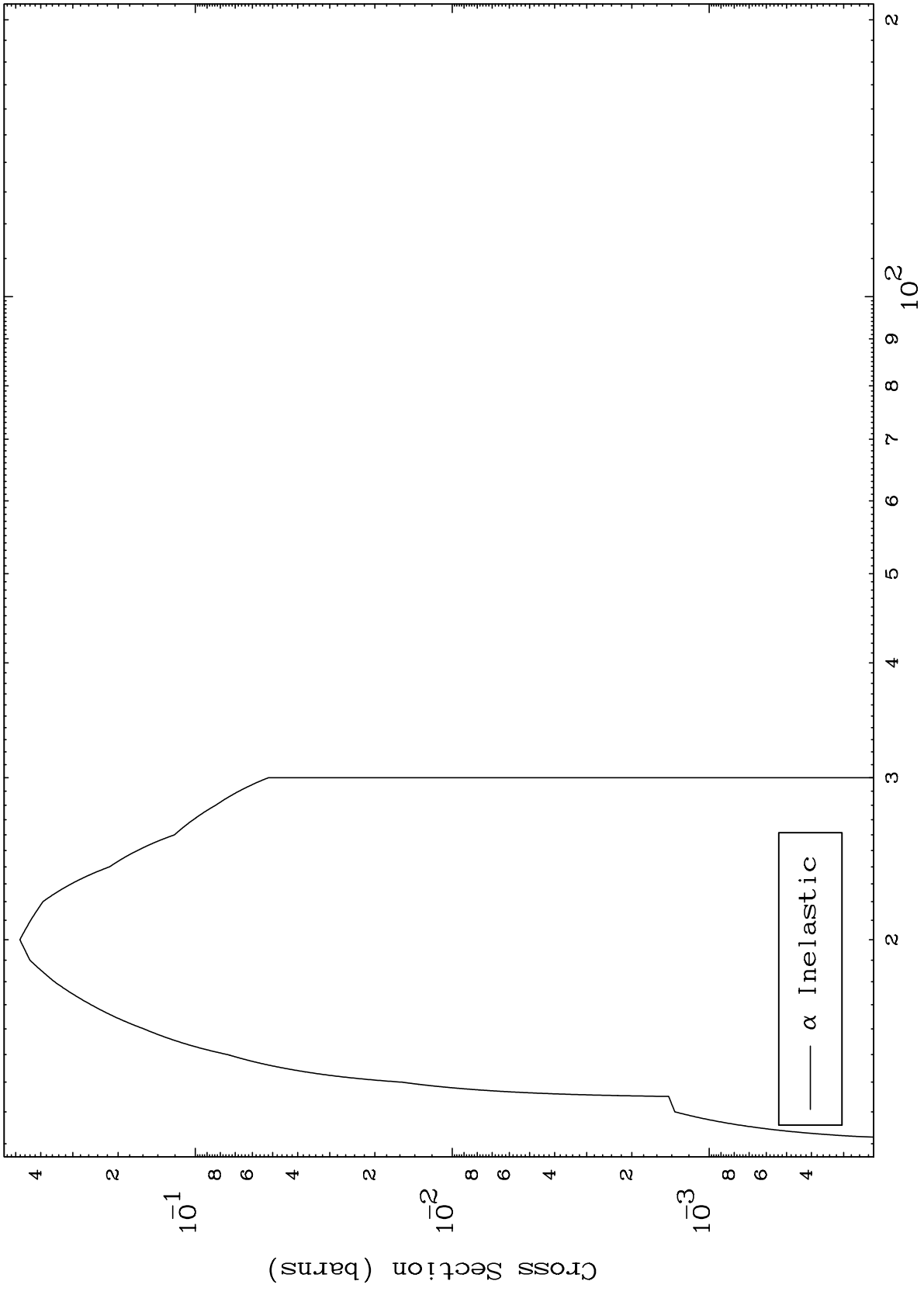
Incident Energy (MeV)

51-Sb-115

MAT 5107

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

51-Sb-115



5

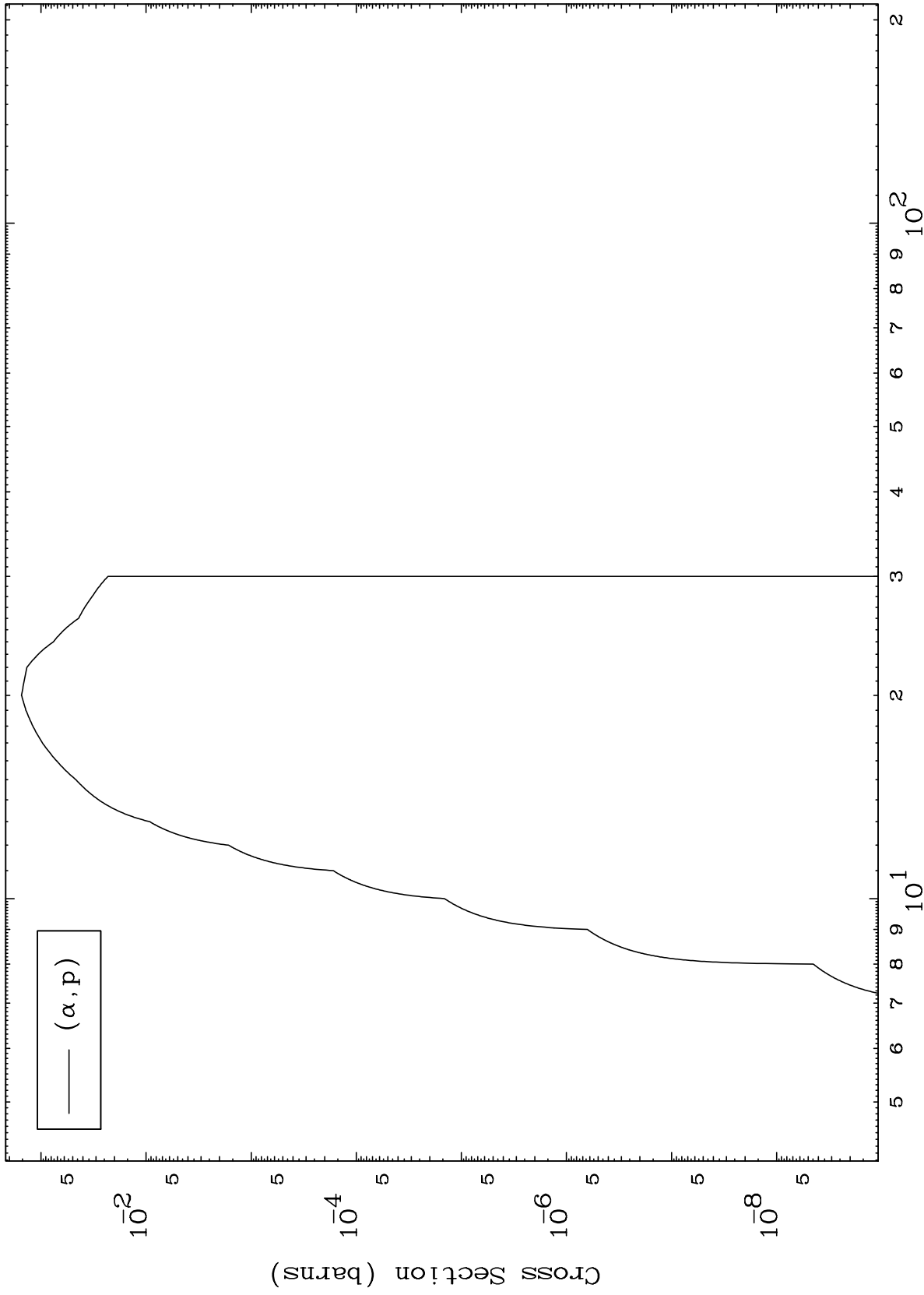
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

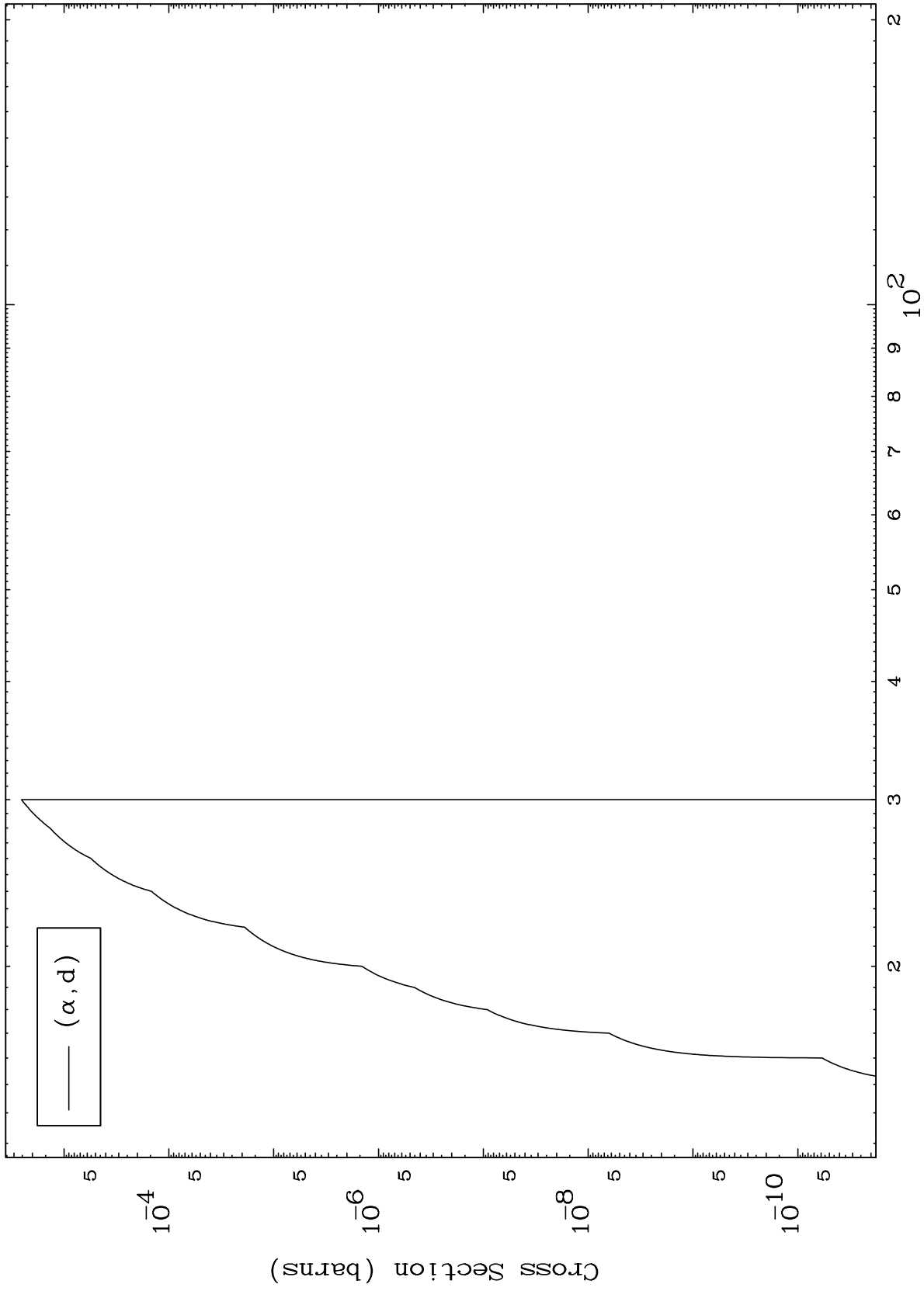
51-Sb-115



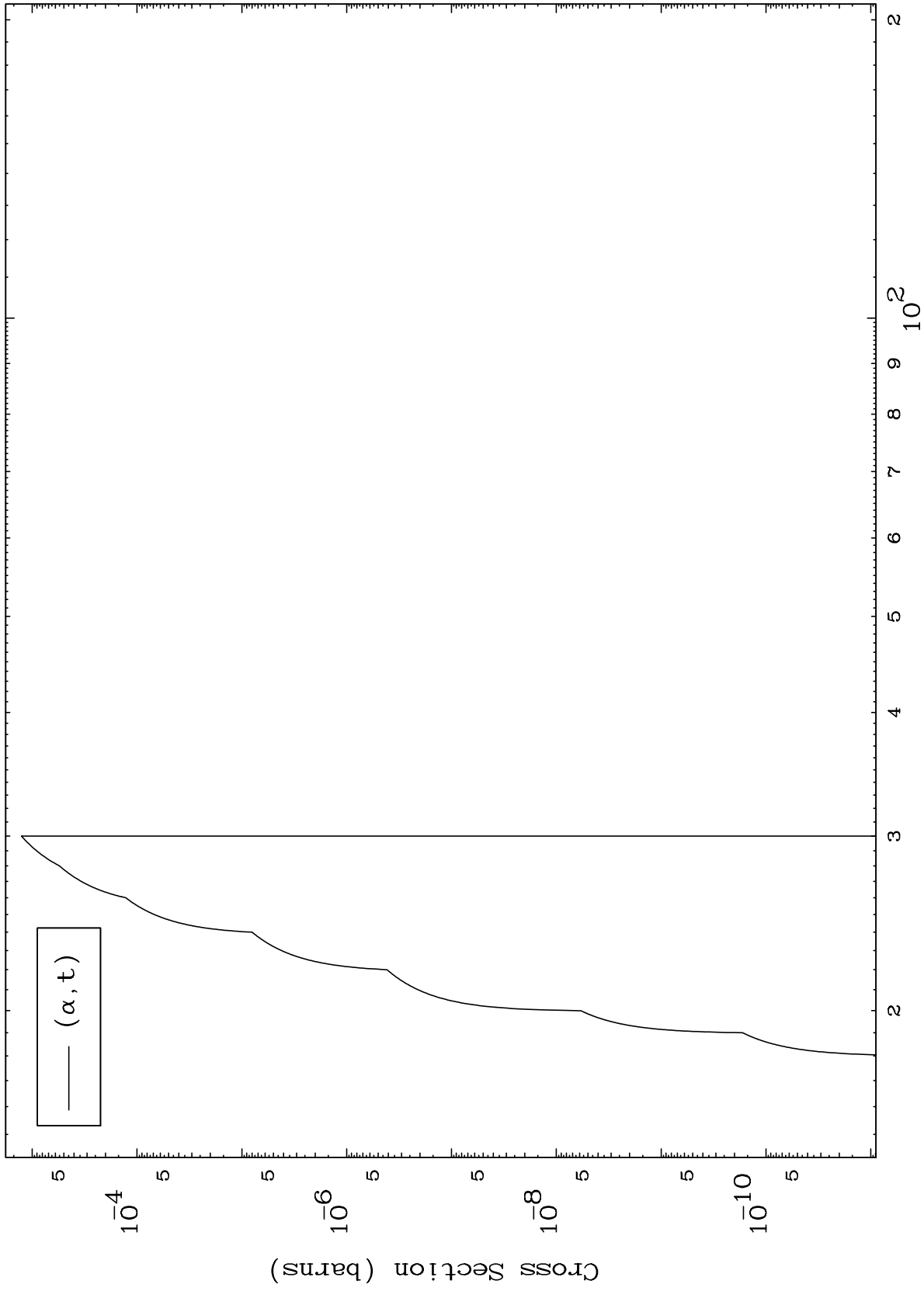
6

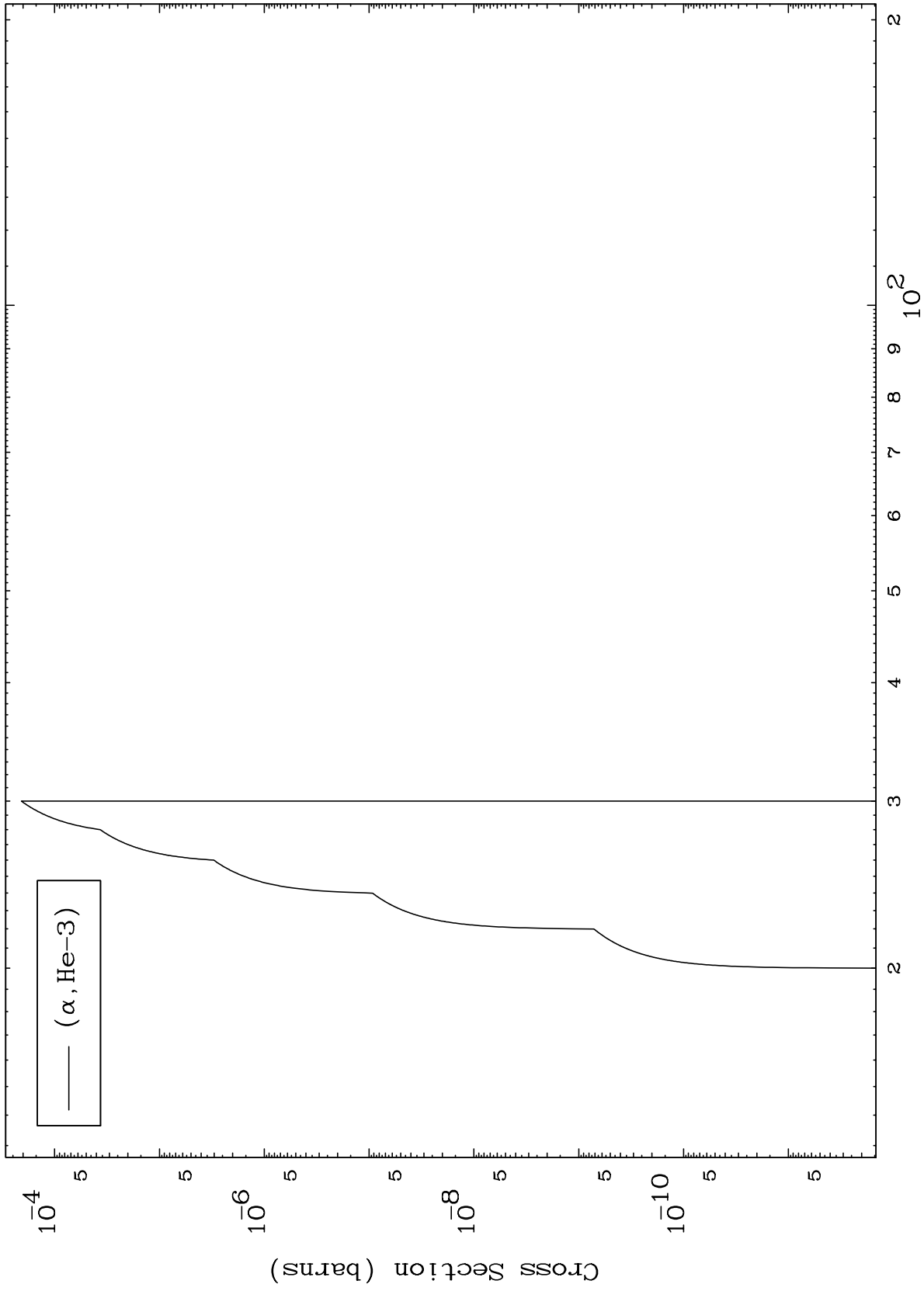
Incident Energy (MeV)

51-Sb-115





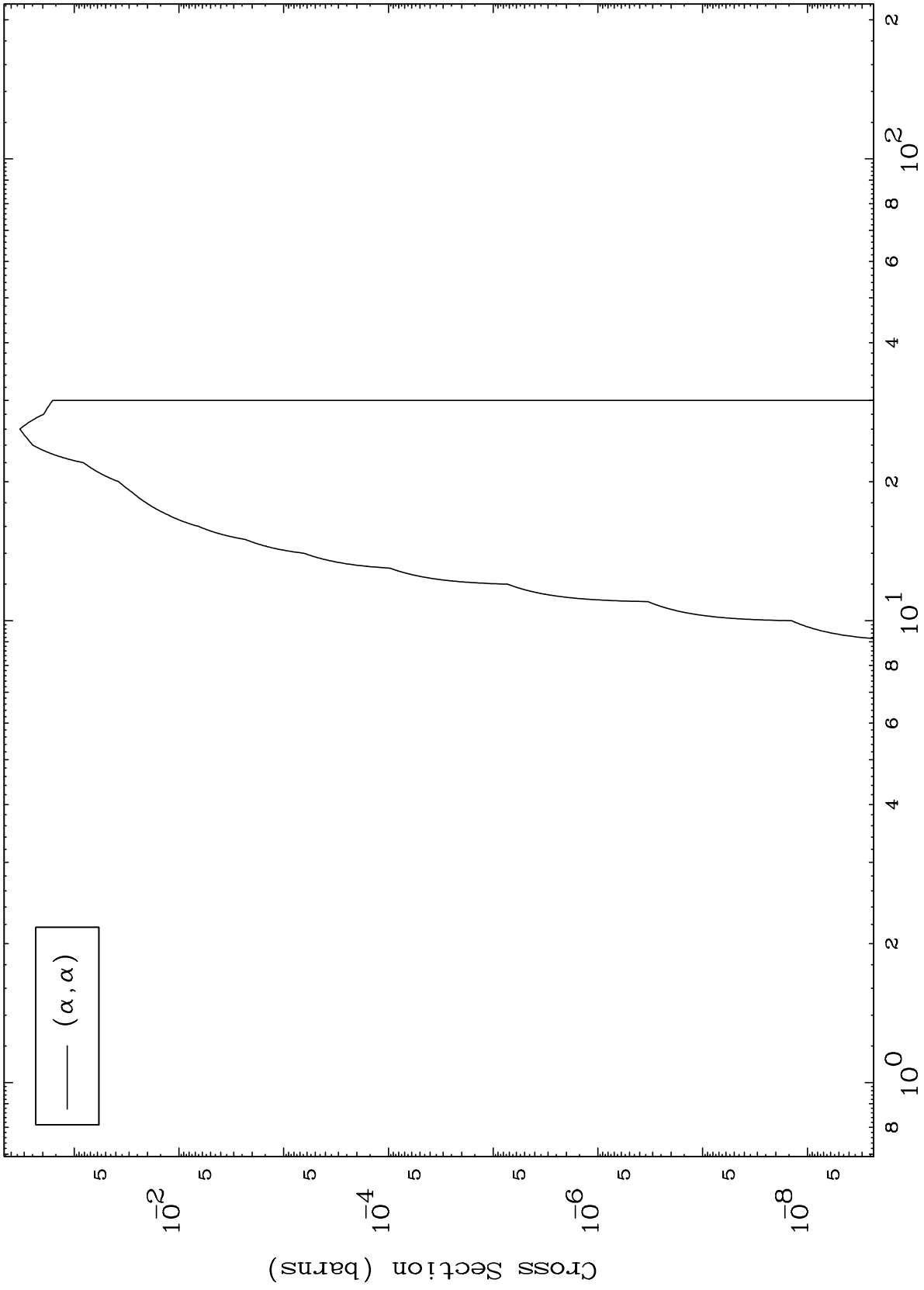




MAT 5107

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

51-Sb-115

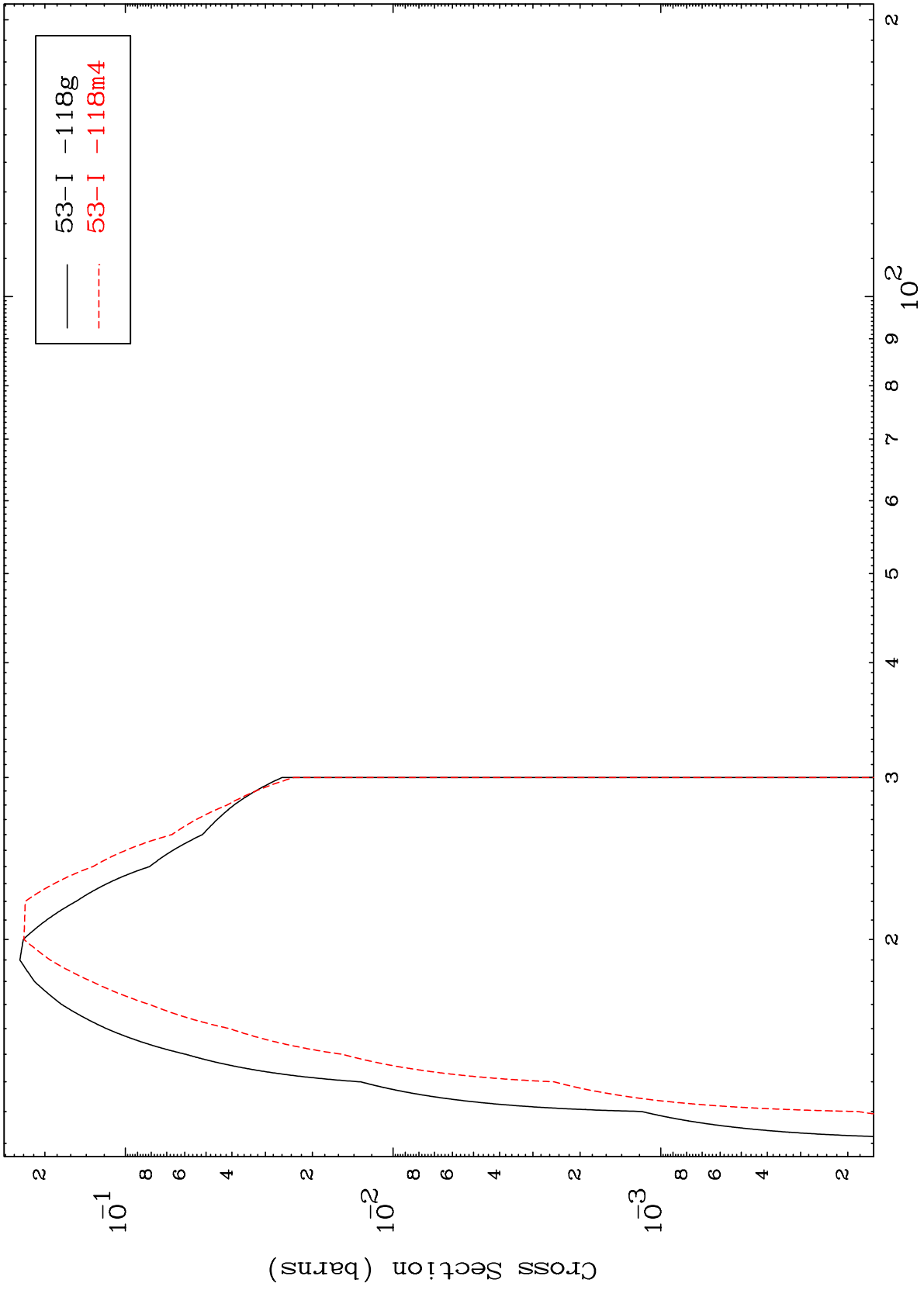


10

Incident Energy (MeV)

51-Sb-115

$\alpha$  Inelastic  
Radionuclide Production Cross Section

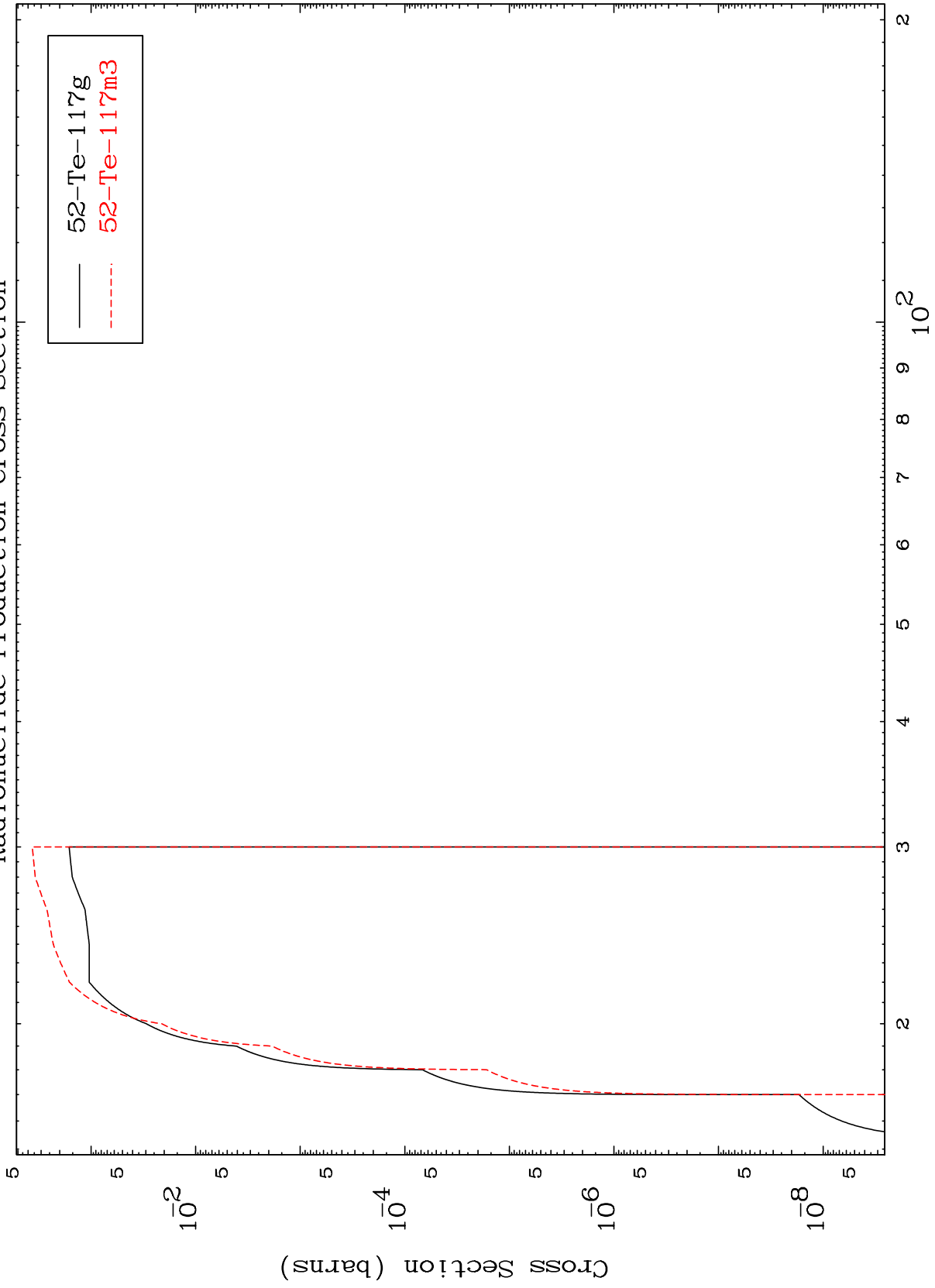


MAT 5107

$(\alpha, n')$  p

51-Sb-115

Radionuclide Production Cross Section



12

Incident Energy (MeV)

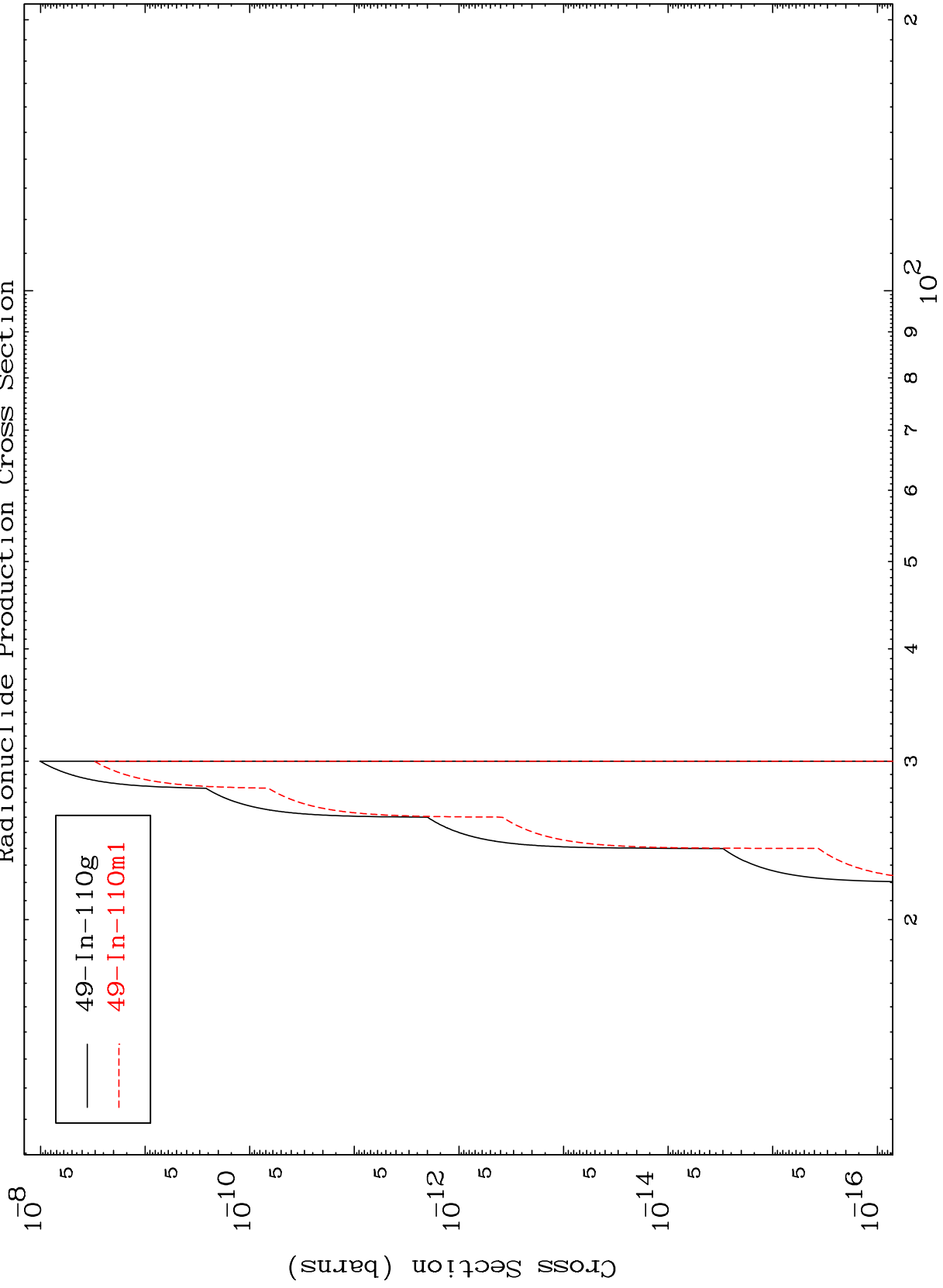
51-Sb-115

MAT 5107

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

51-Sb-115

Radionuclide Production Cross Section



13

Incident Energy (MeV)

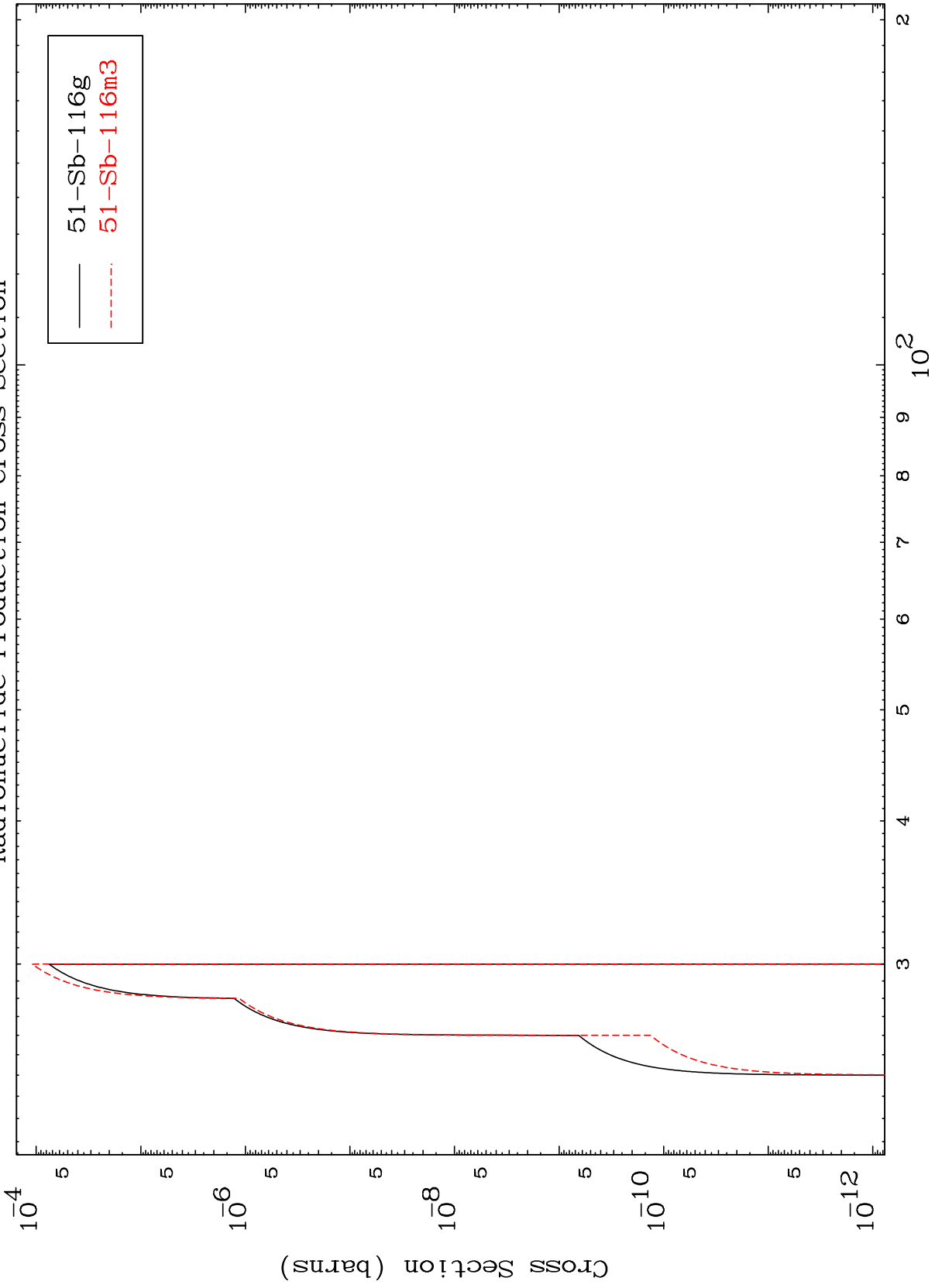
51-Sb-115

MAT 5107

( $\alpha, 2n$ ) p

51-Sb-115

Radionuclide Production Cross Section

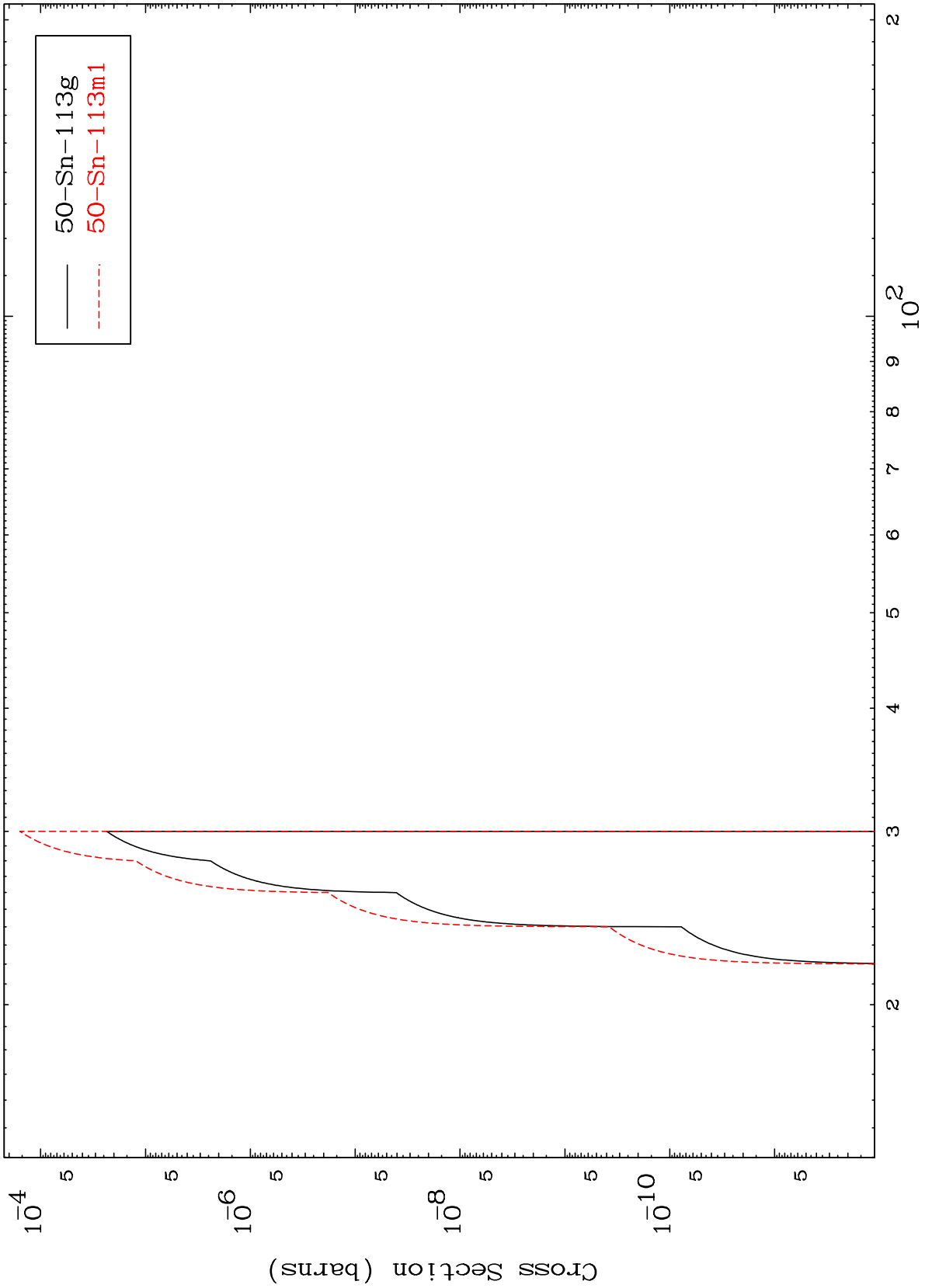


14

Incident Energy (MeV)

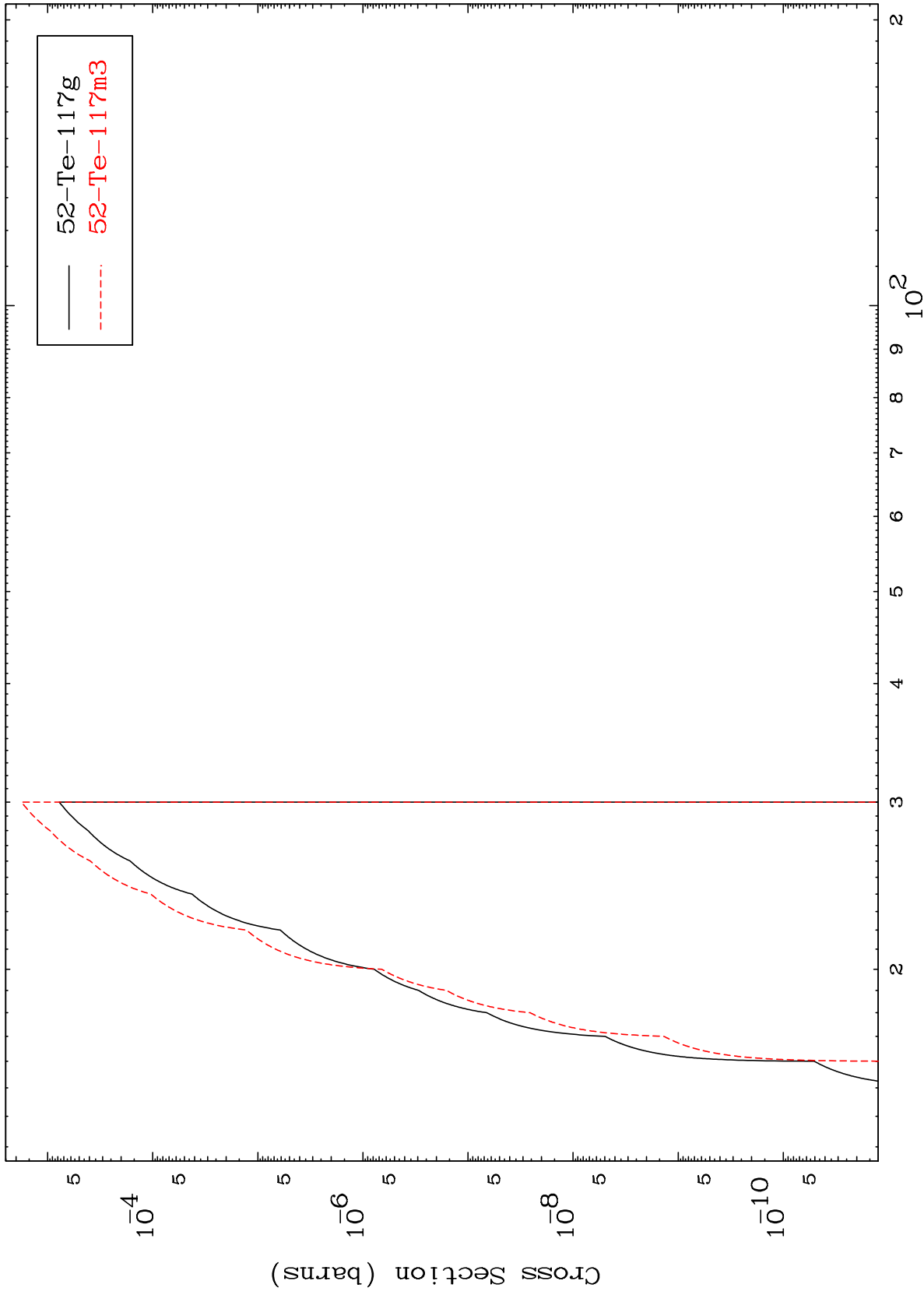
51-Sb-115

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





Radionuclide Production Cross Section

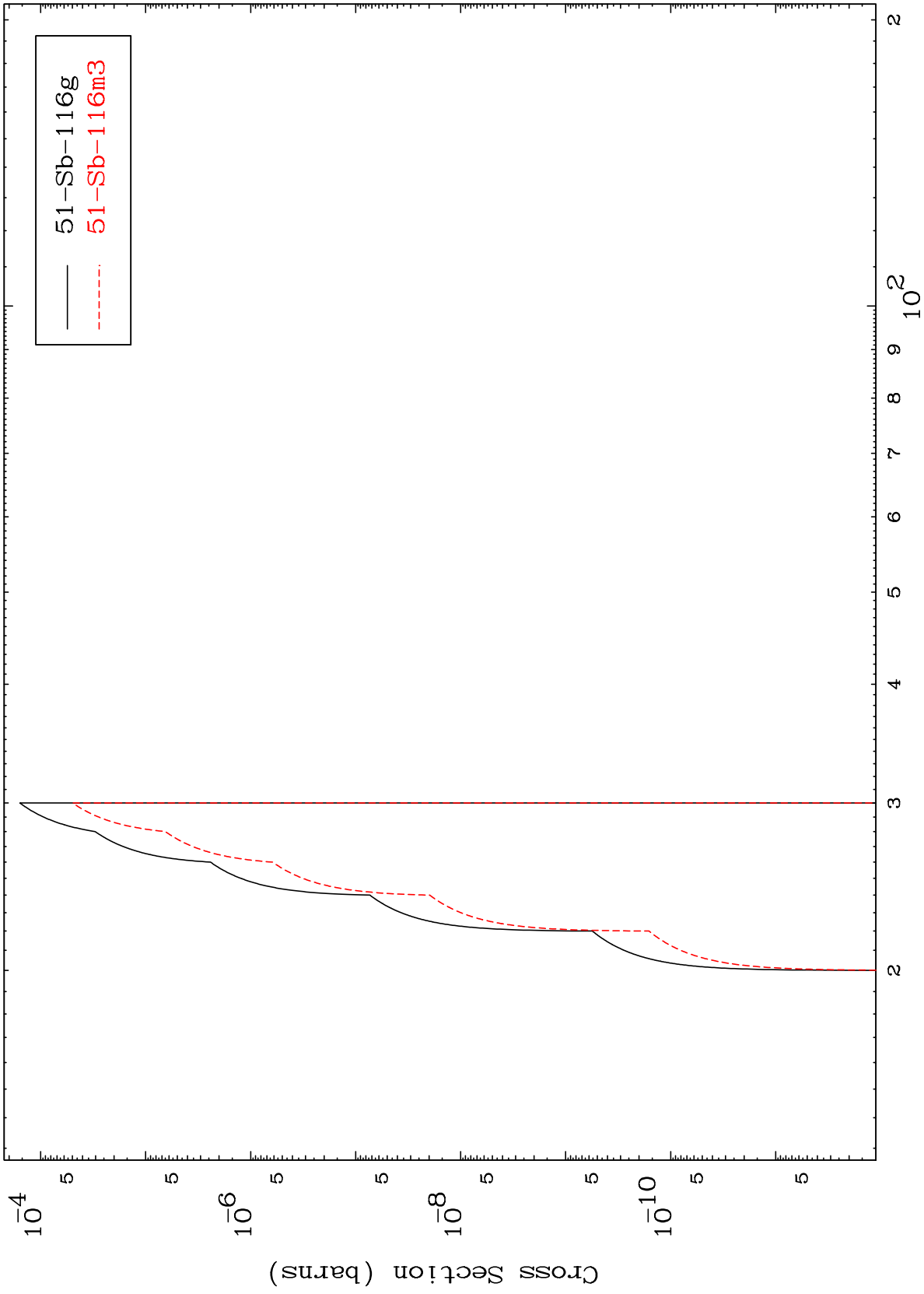


MAT 5107

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

51-Sb-115

Radionuclide Production Cross Section



17

Incident Energy (MeV)

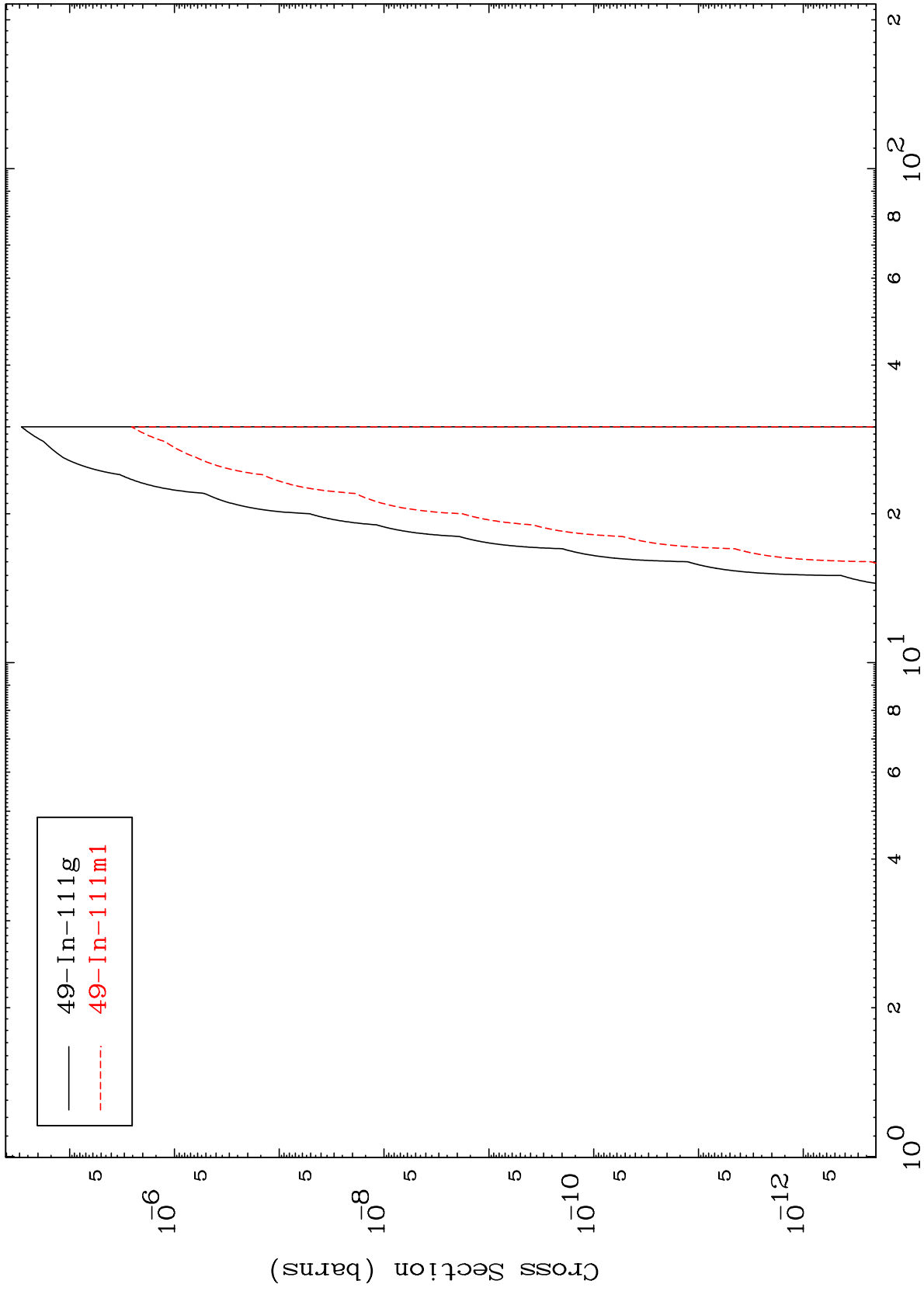
51-Sb-115

MAT 5107

( $\alpha, 2\alpha$ )

51-Sb-115

Radionuclide Production Cross Section



18

Incident Energy (MeV)

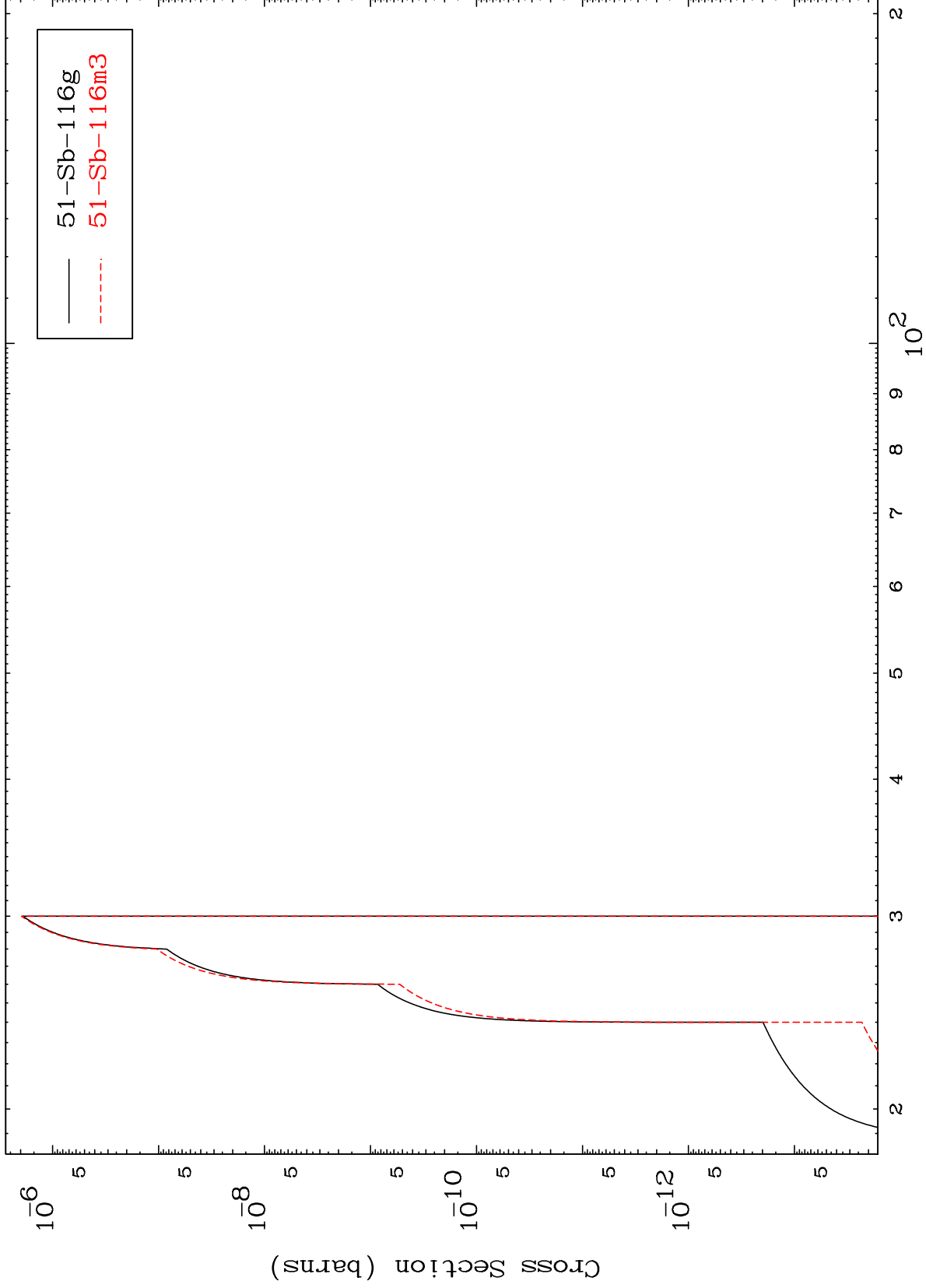
51-Sb-115

MAT 5107

( $\alpha, p$ ) d

51-Sb-115

Radionuclide Production Cross Section



19

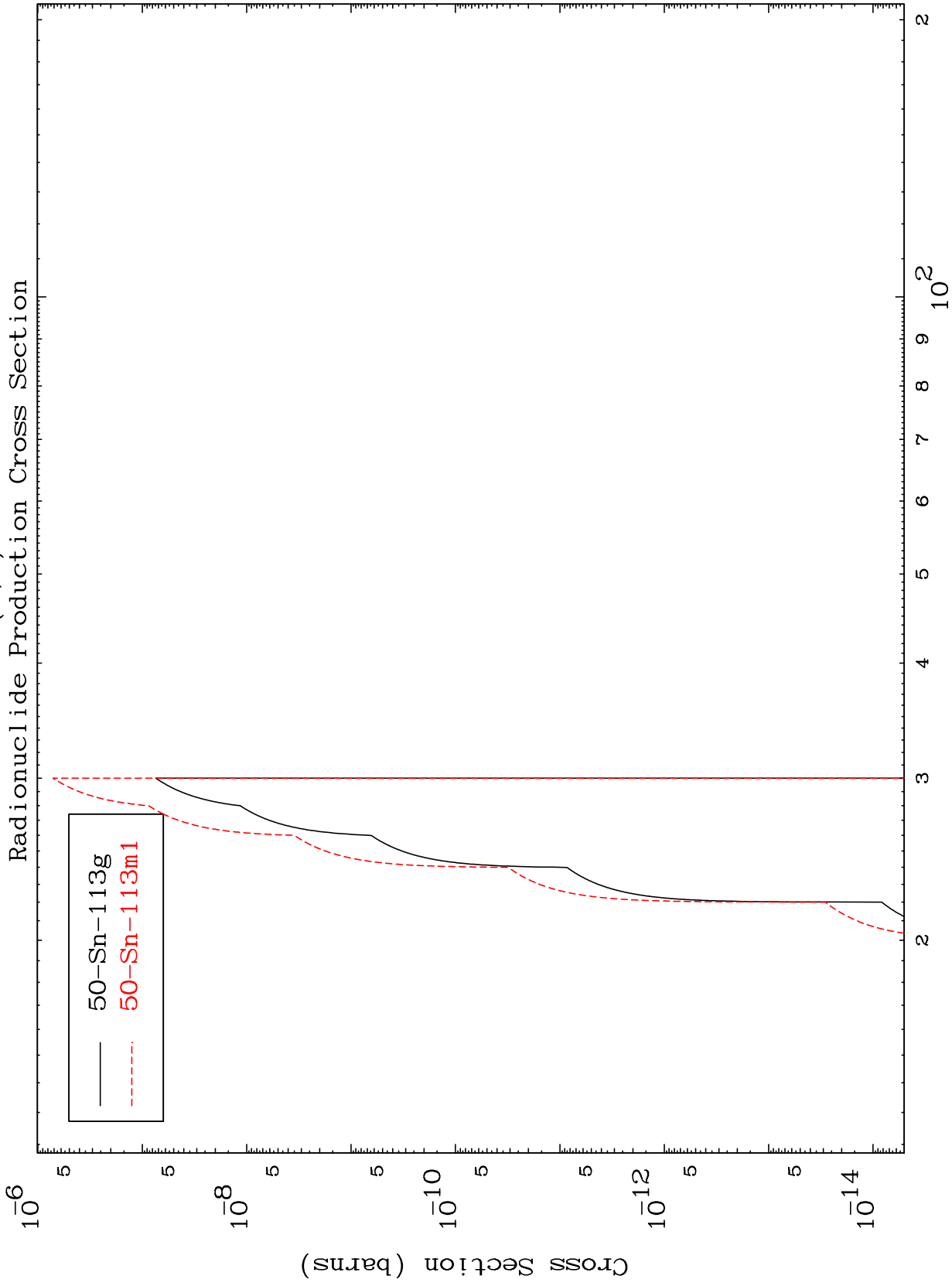
Incident Energy (MeV)

51-Sb-115

MAT 5107

( $\alpha, d$ )  $\alpha$

51-Sb-115



20

Incident Energy (MeV)

51-Sb-115