

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)

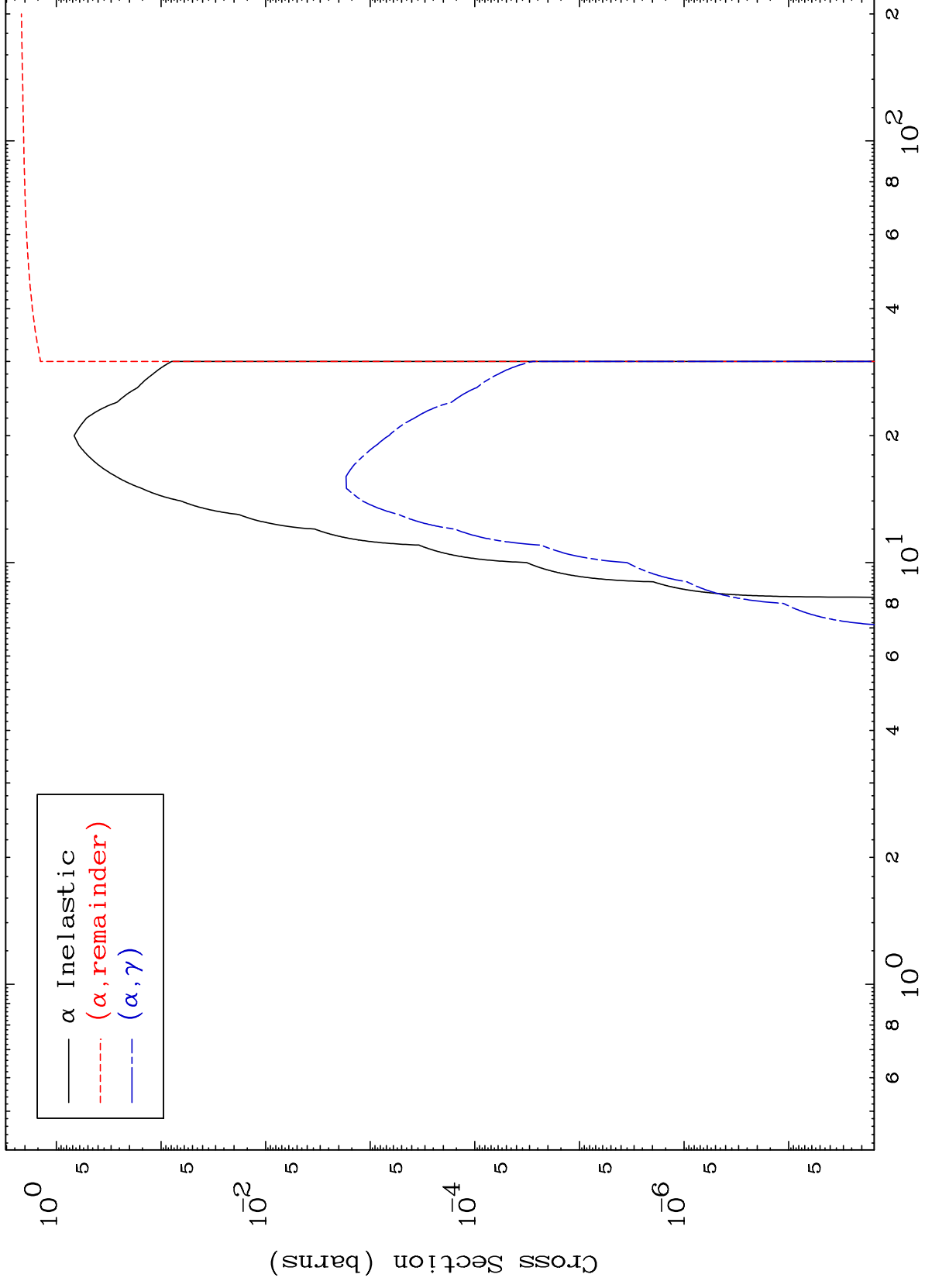
Press Mouse Button to Start

MAT 5034

$\alpha$  Major

50-Sn-115

0 Kelvin Cross Sections

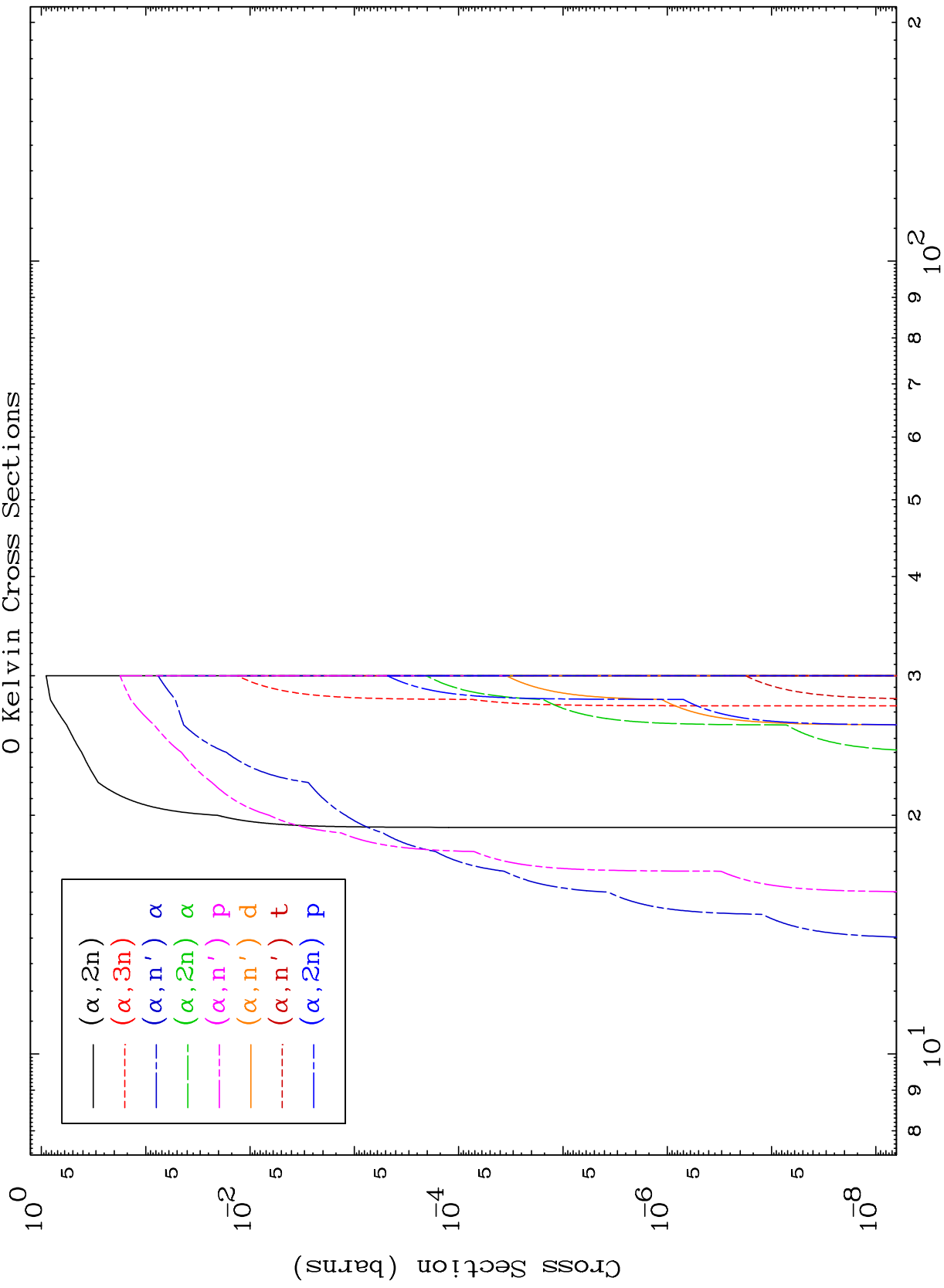


$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

MAT 5034

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

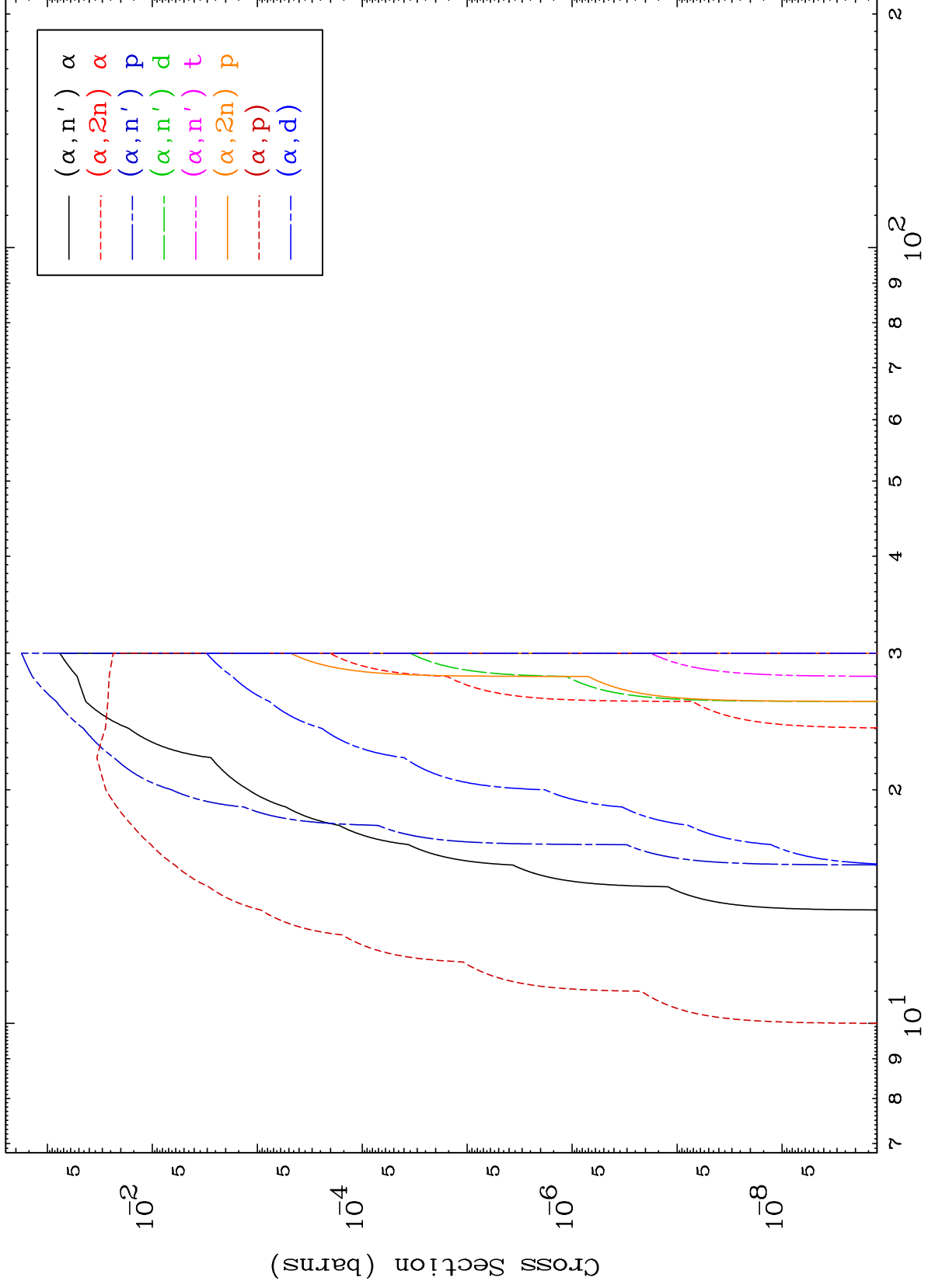
50-Sn-115



Incident Energy (MeV)

50-Sn-115

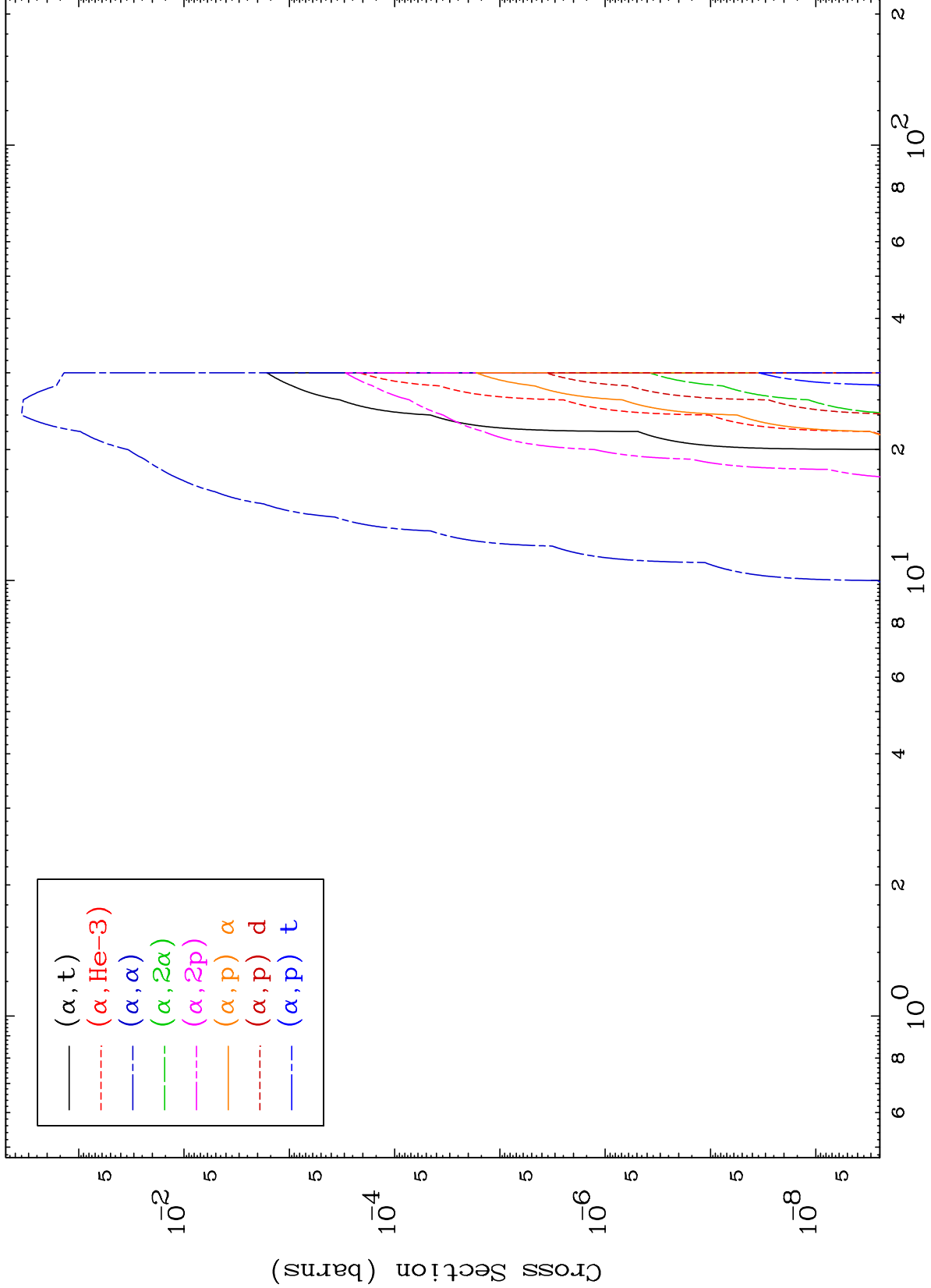
2



MAT 5034

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

50-Sn-115

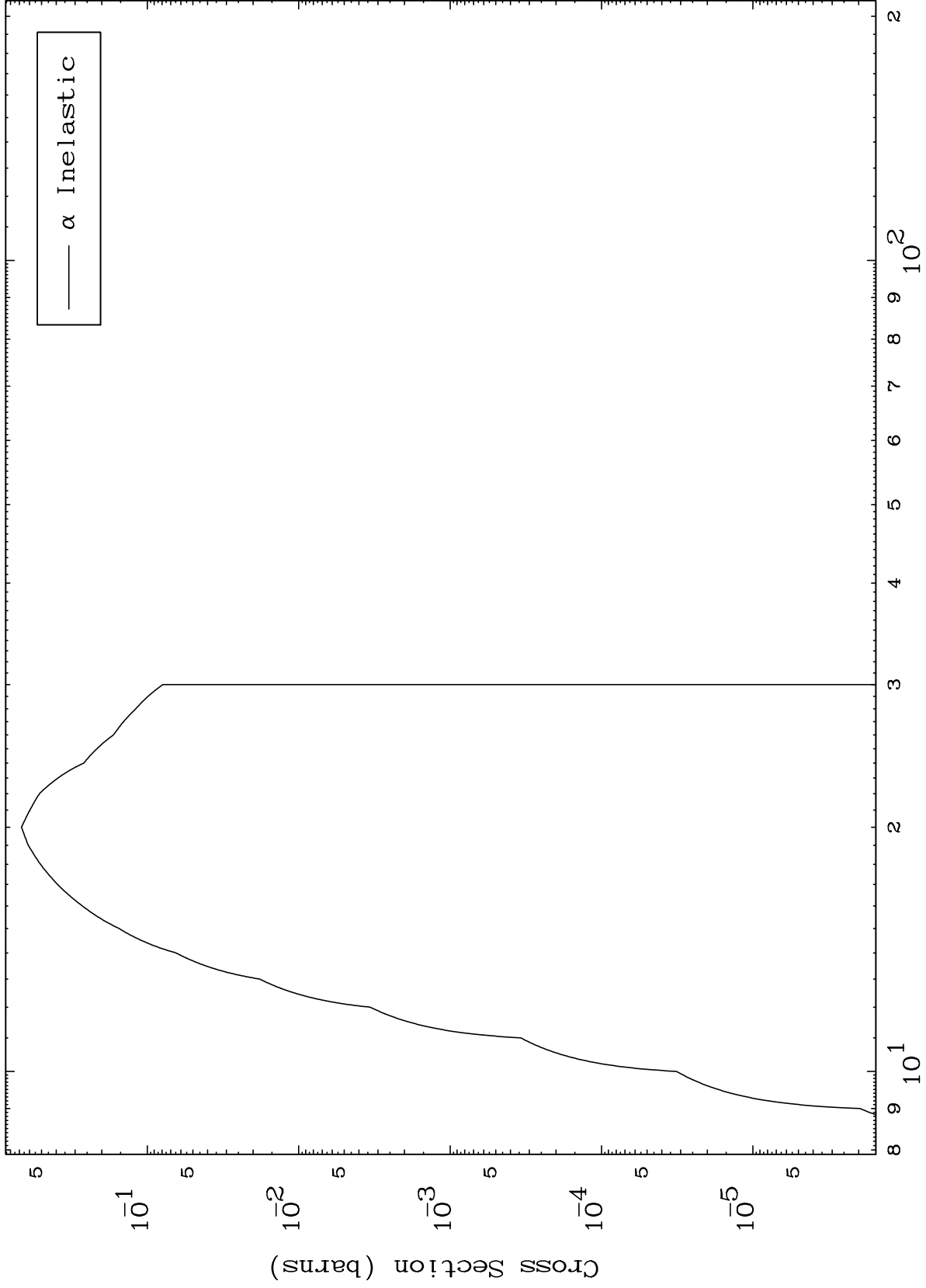


MAT 5034

( $\alpha, n'$ ) Level

50-Sn-115

0 Kelvin Cross Sections



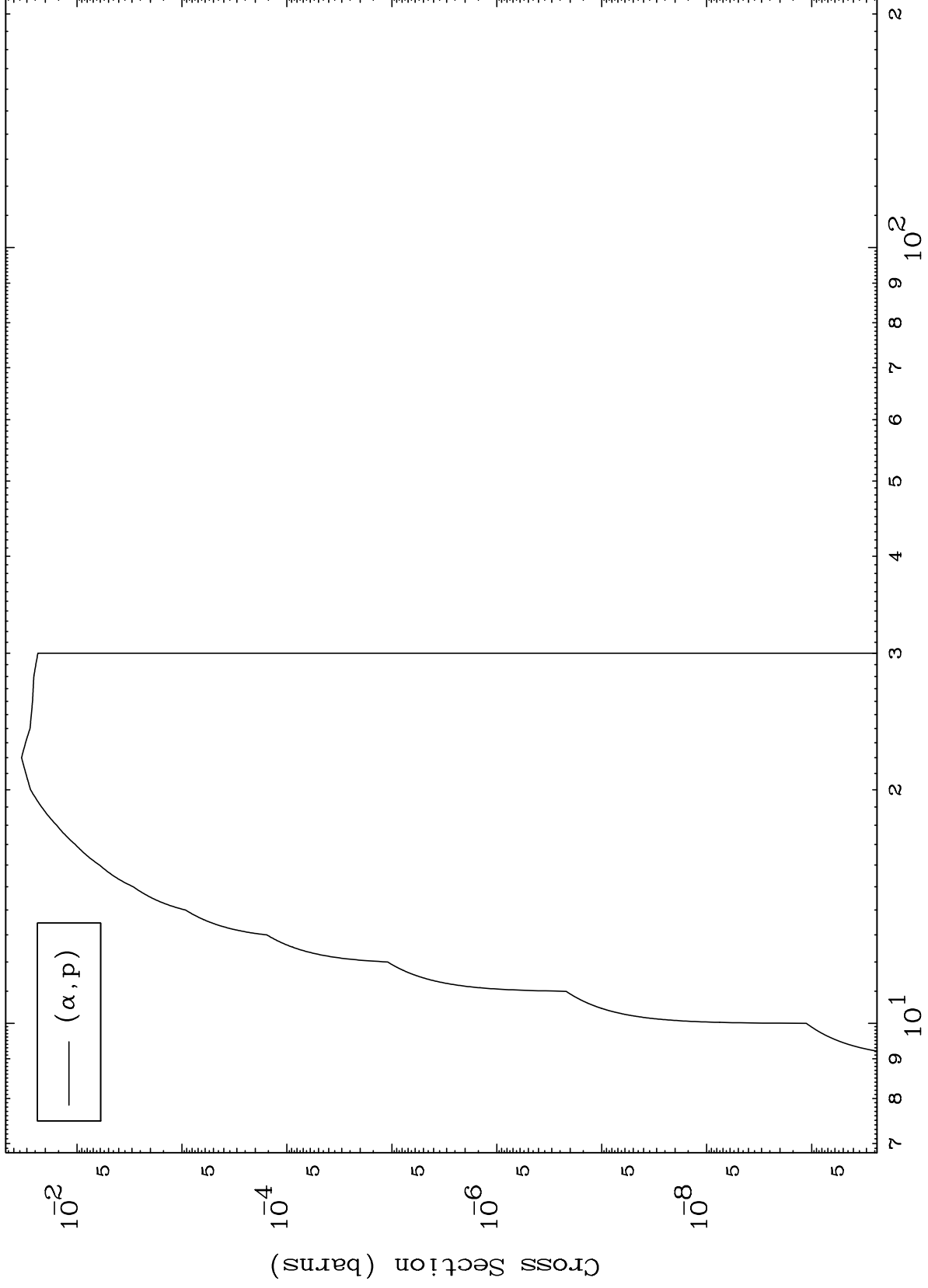
Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115



Incident Energy (MeV)

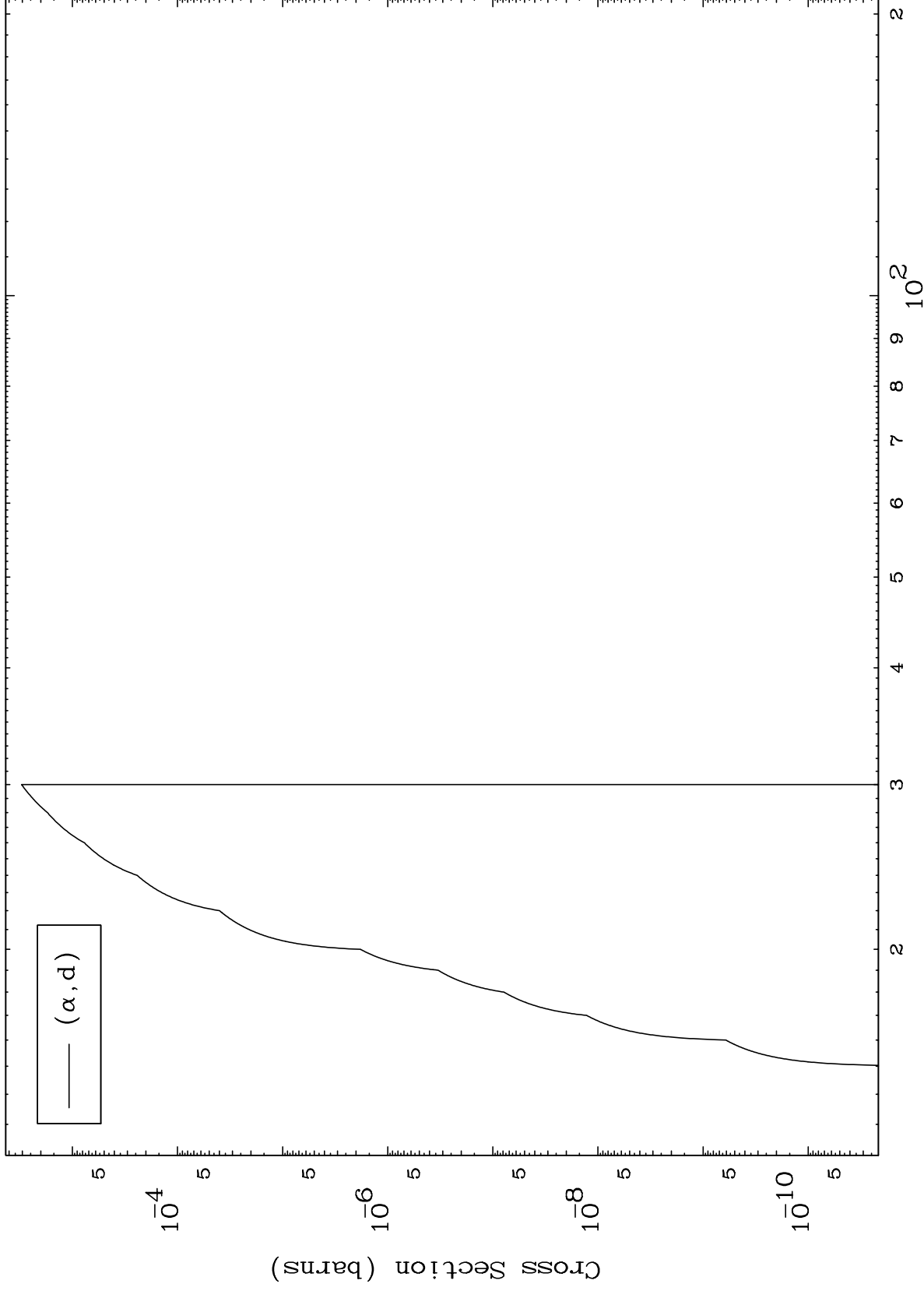
50-Sn-115

6

MAT 5034

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

50-Sn-115

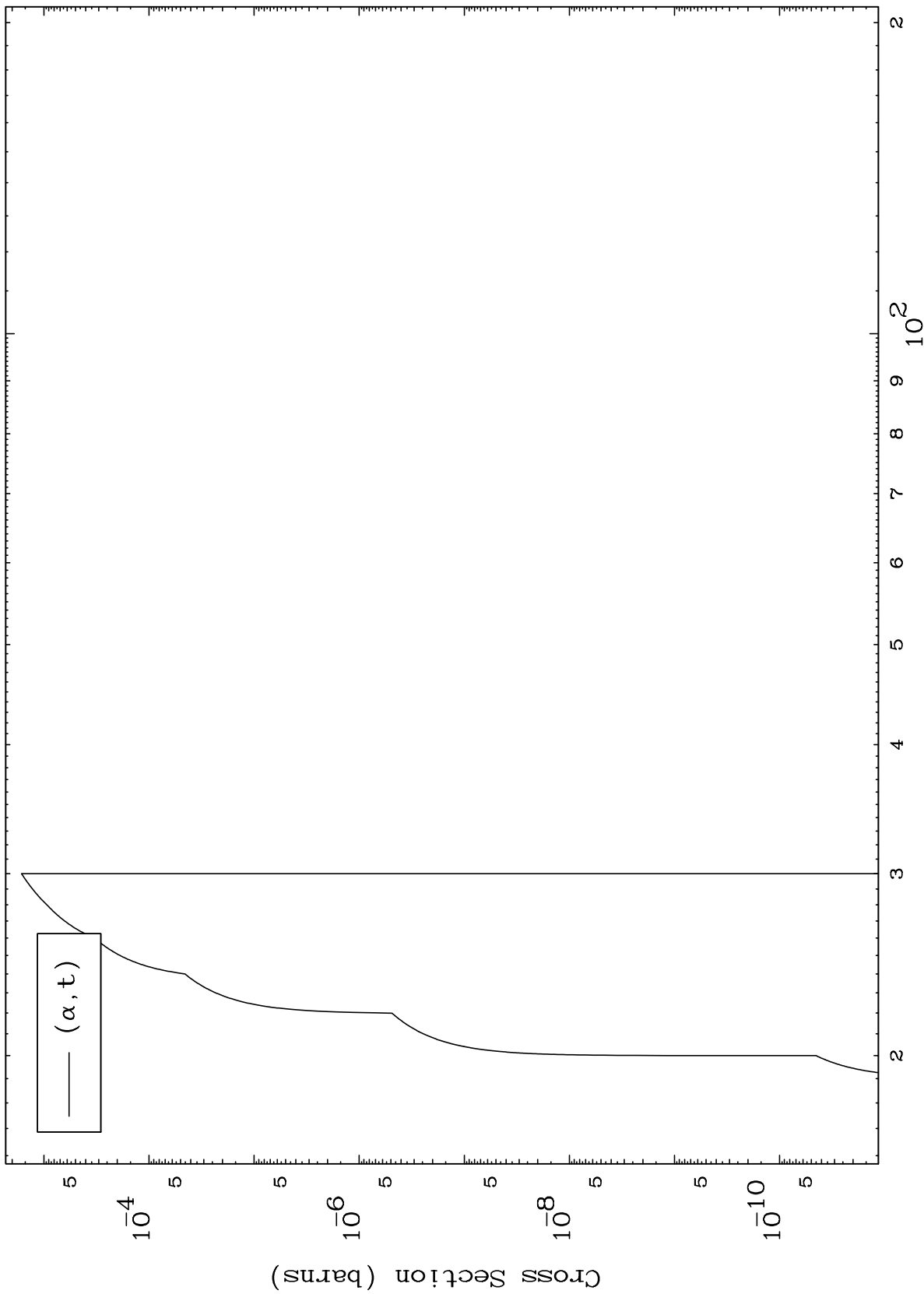




MAT 5034

50-Sn-115

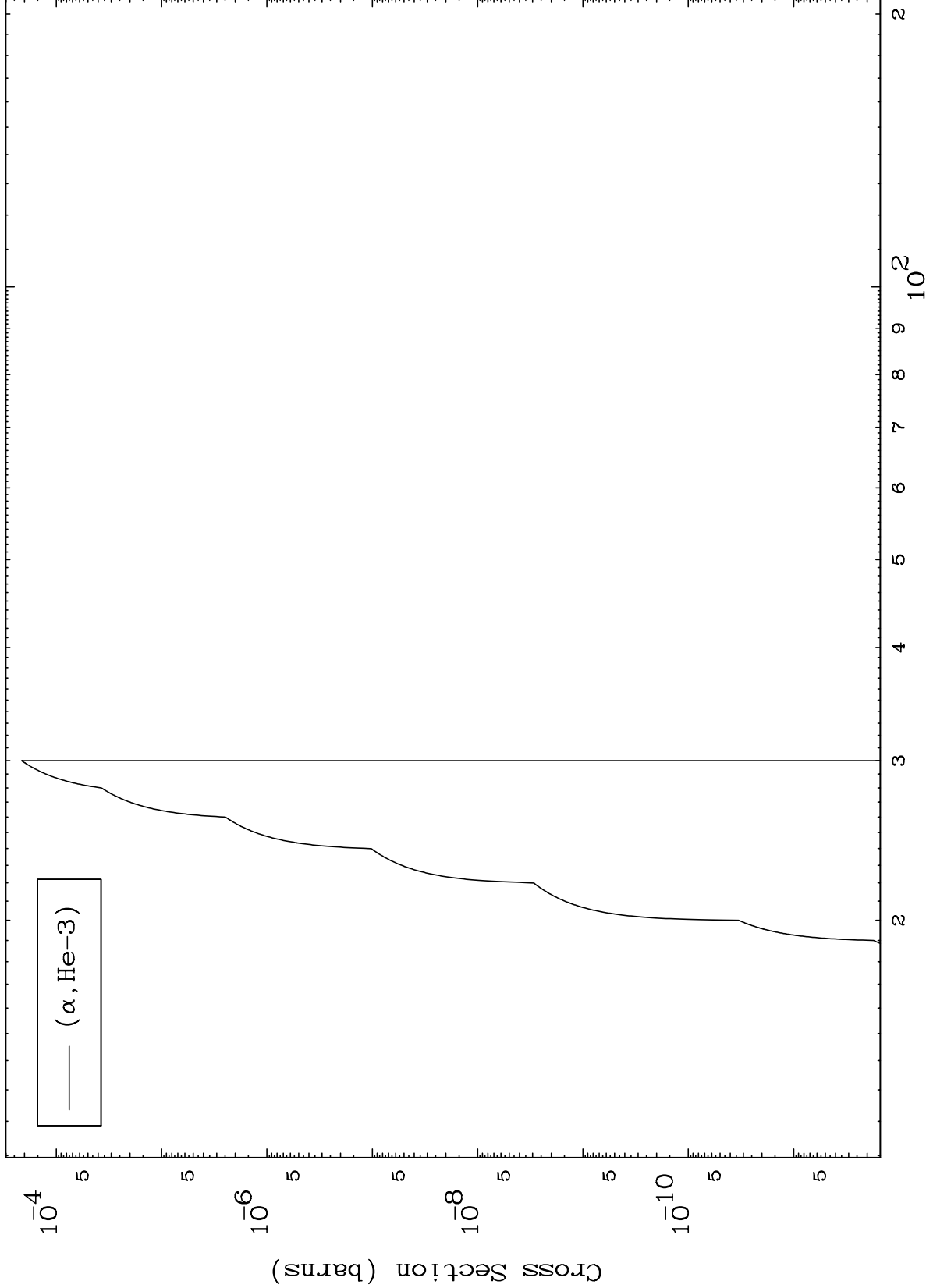
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections



50-Sn-115

Incident Energy (MeV)

8

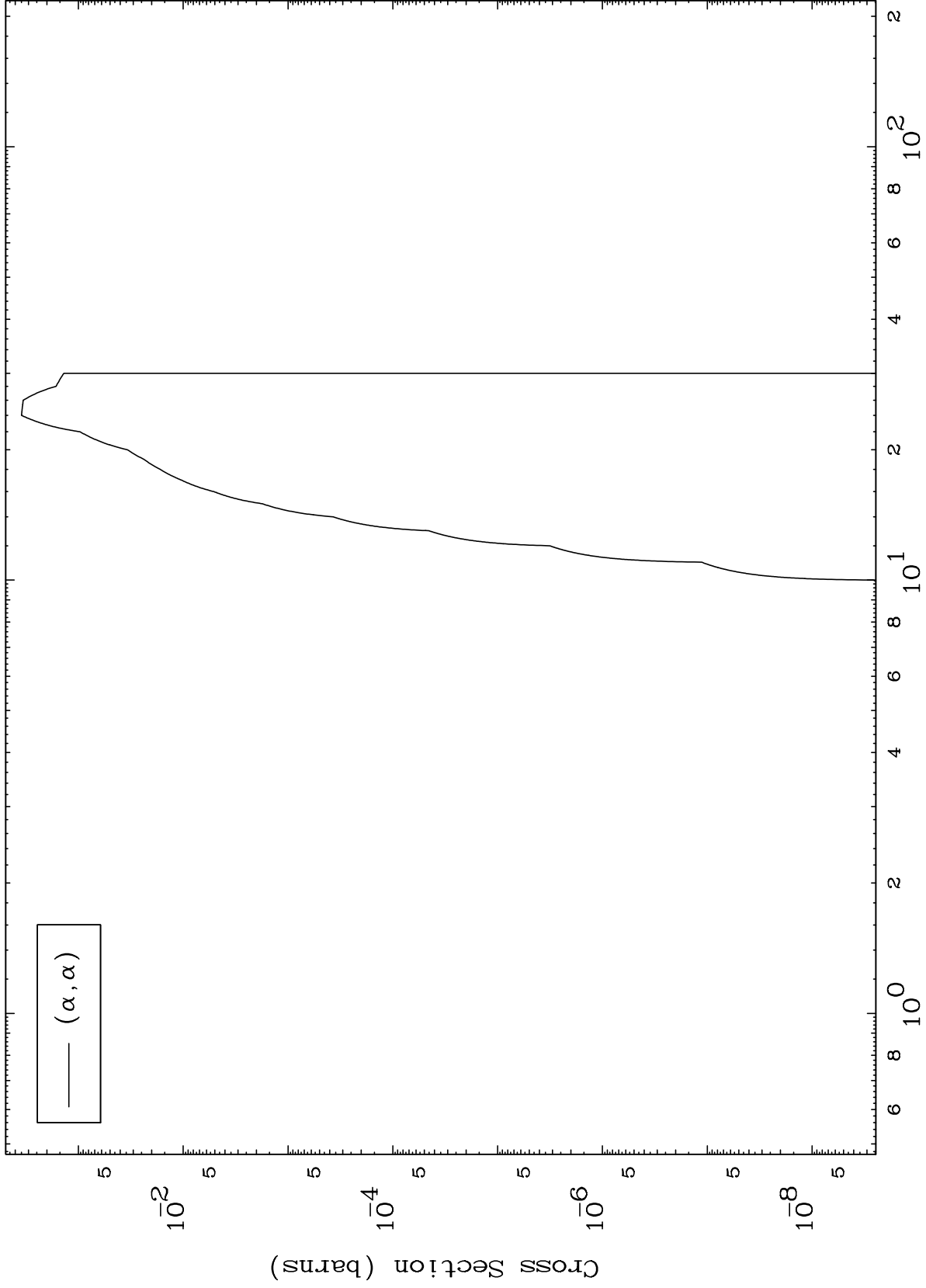


MAT 5034

( $\alpha, \alpha$ ) Levels

50-Sn-115

0 Kelvin Cross Sections



10

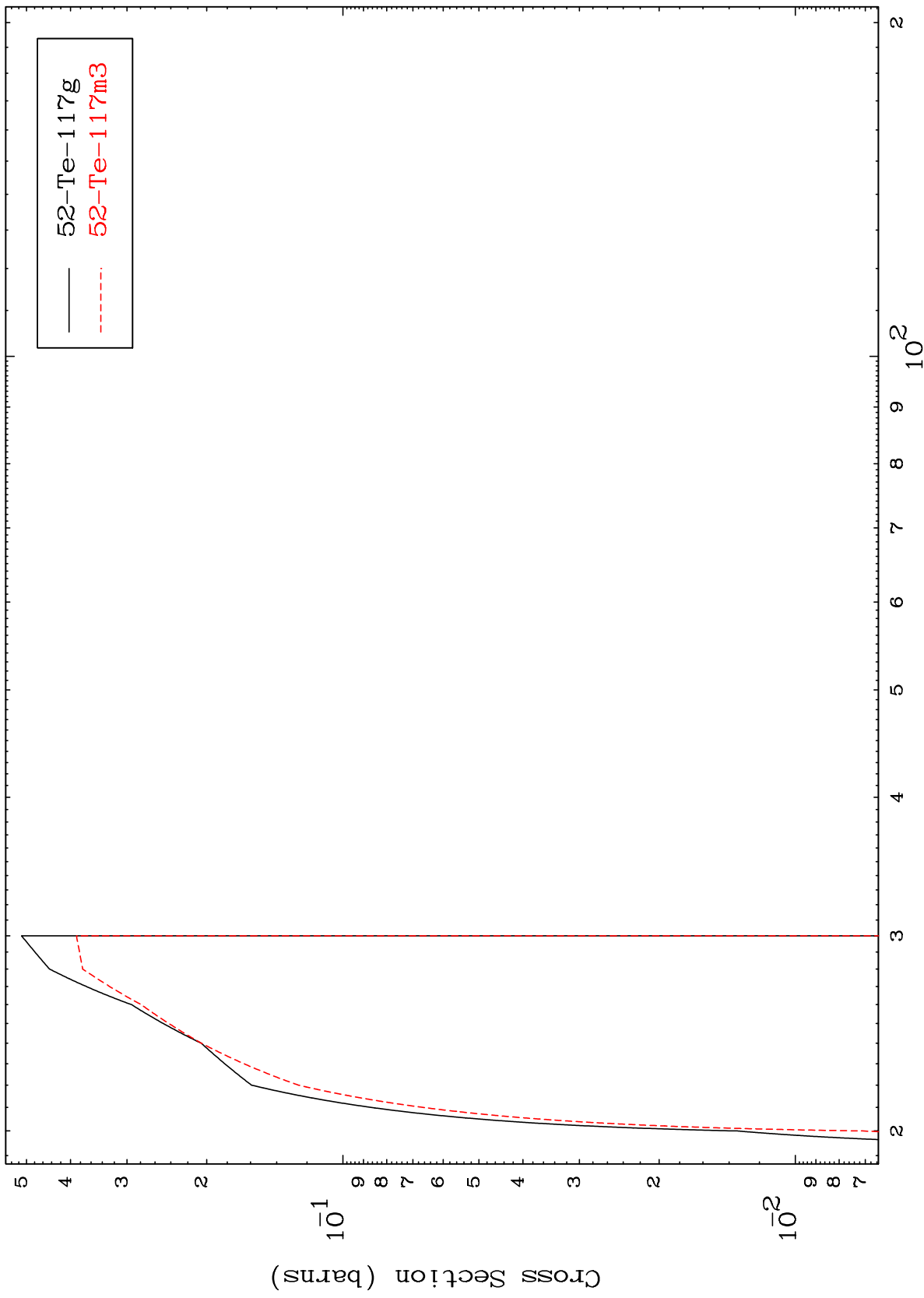
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

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



50-Sn-115

Incident Energy (MeV)

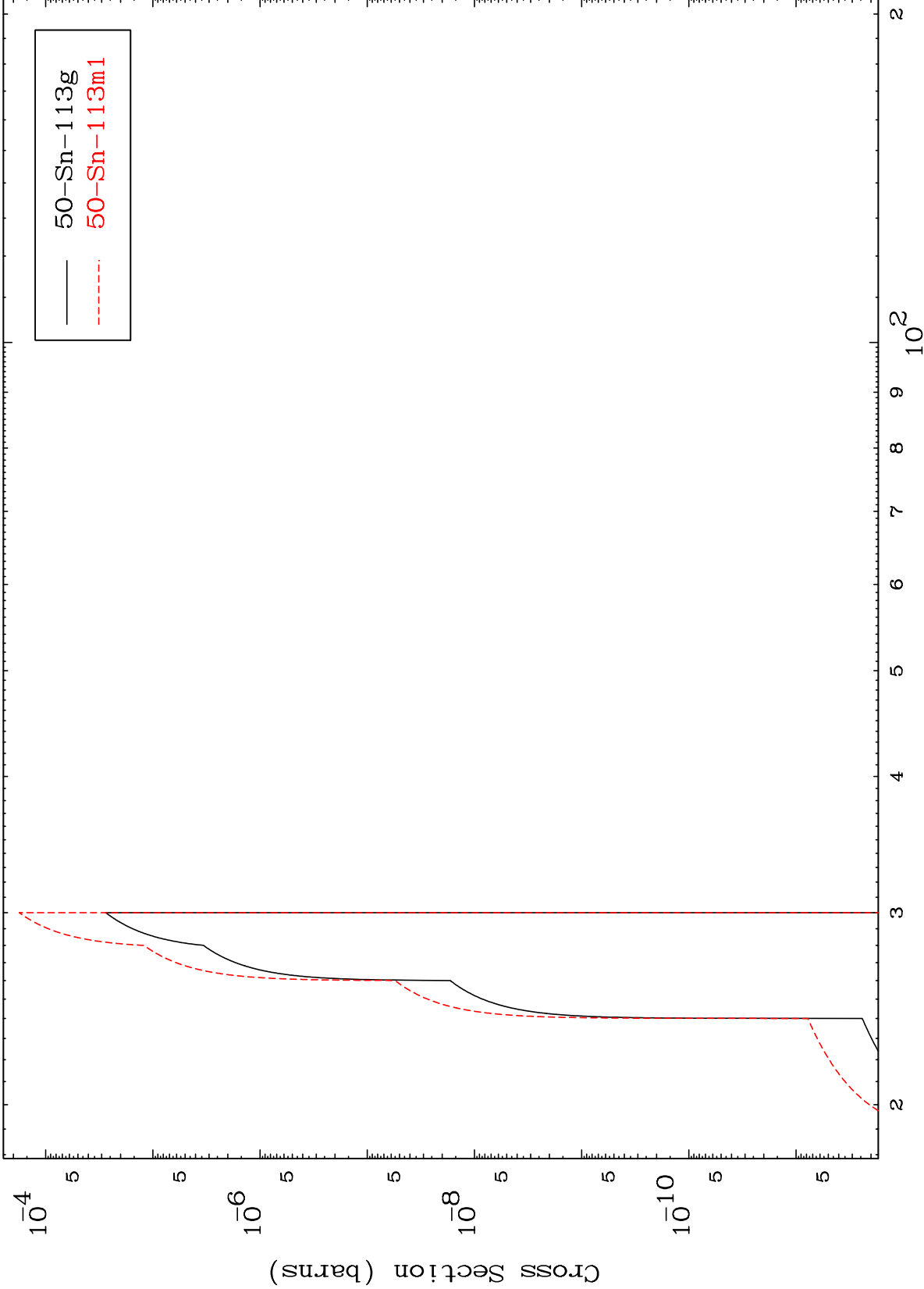
11

MAT 5034

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

50-Sn-115

Radionuclide Production Cross Section



12

Incident Energy (MeV)

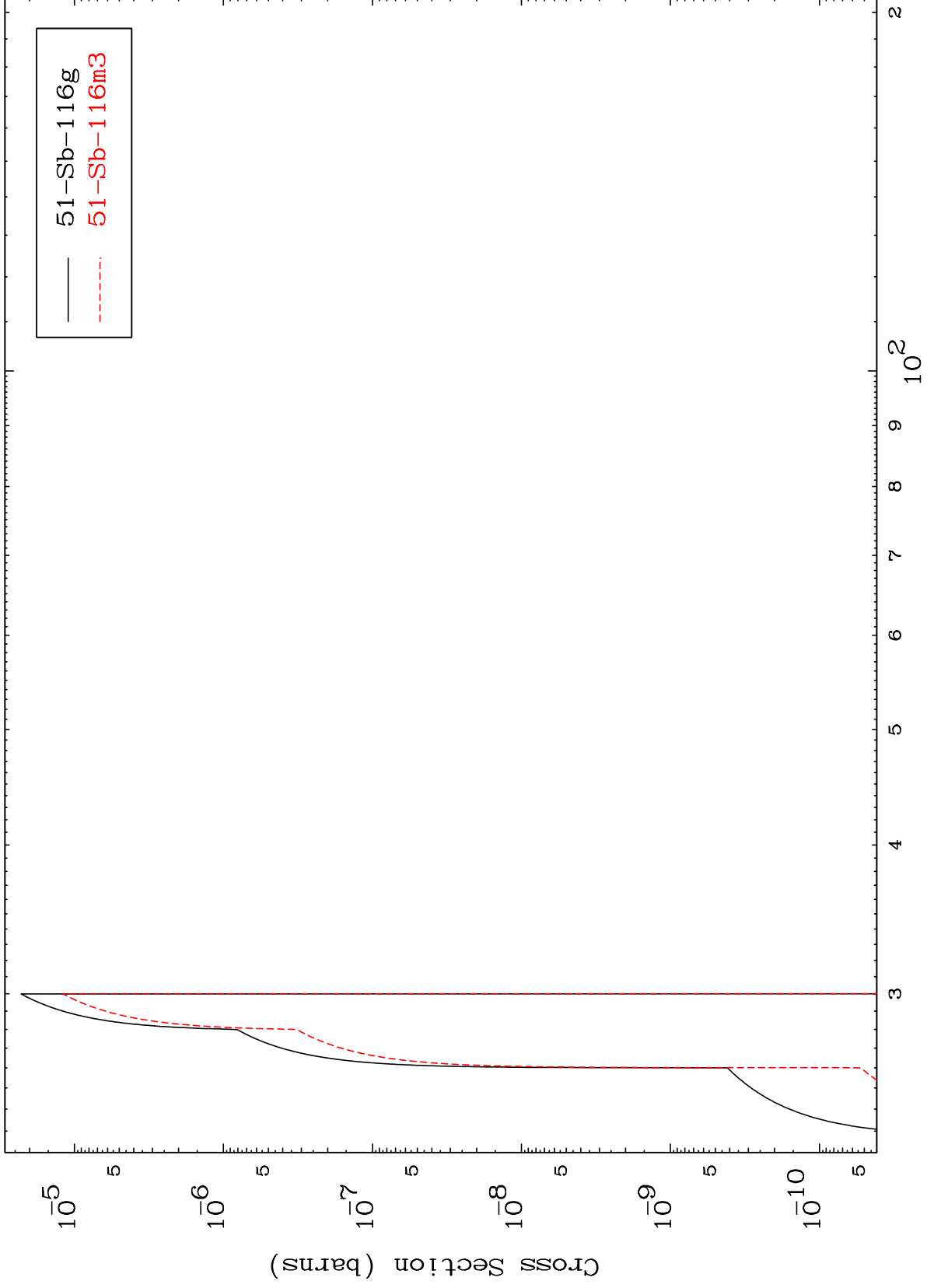
50-Sn-115

MAT 5034

$(\alpha, n')$  d

50-Sn-115

Radionuclide Production Cross Section



13

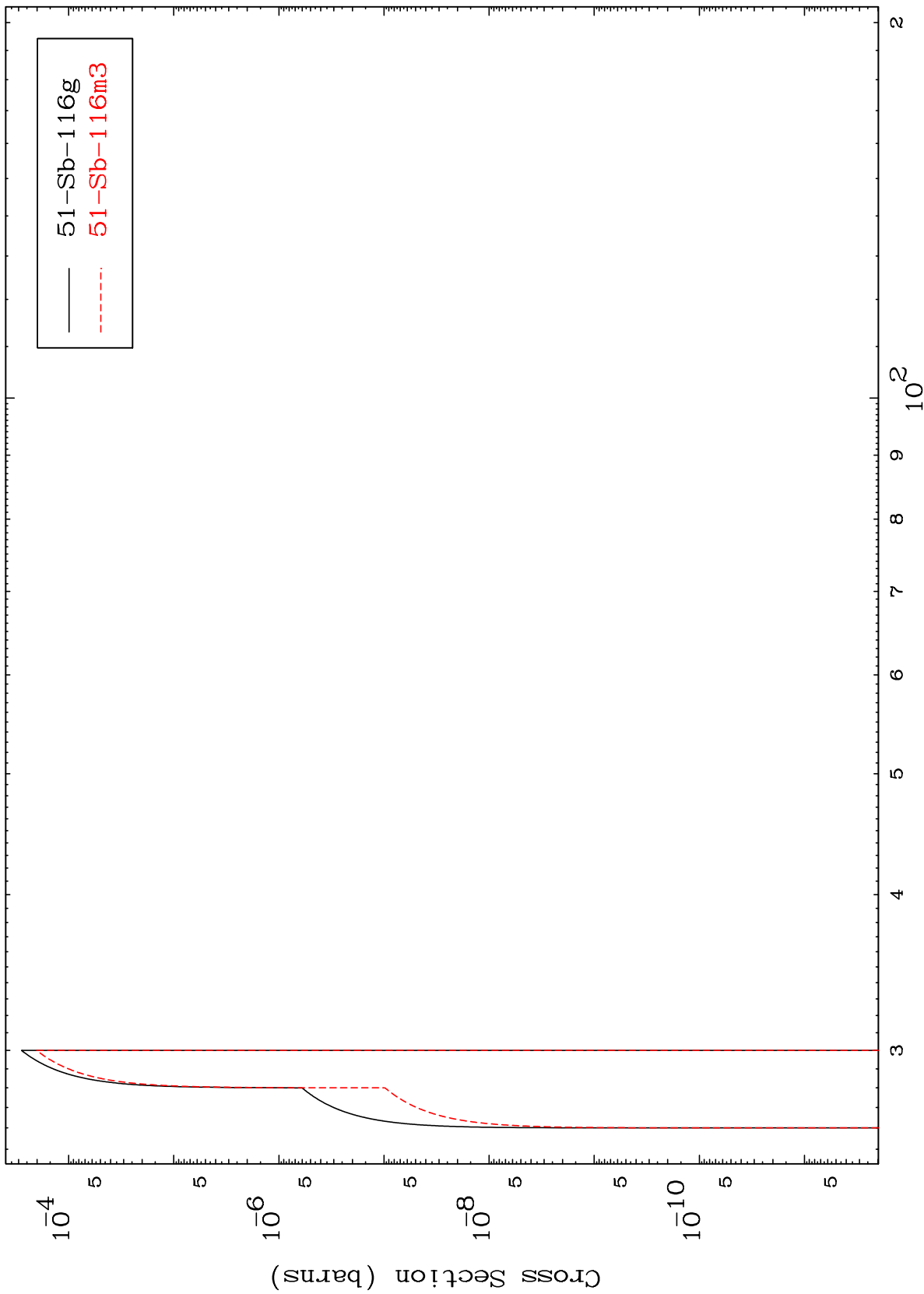
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

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



50-Sn-115

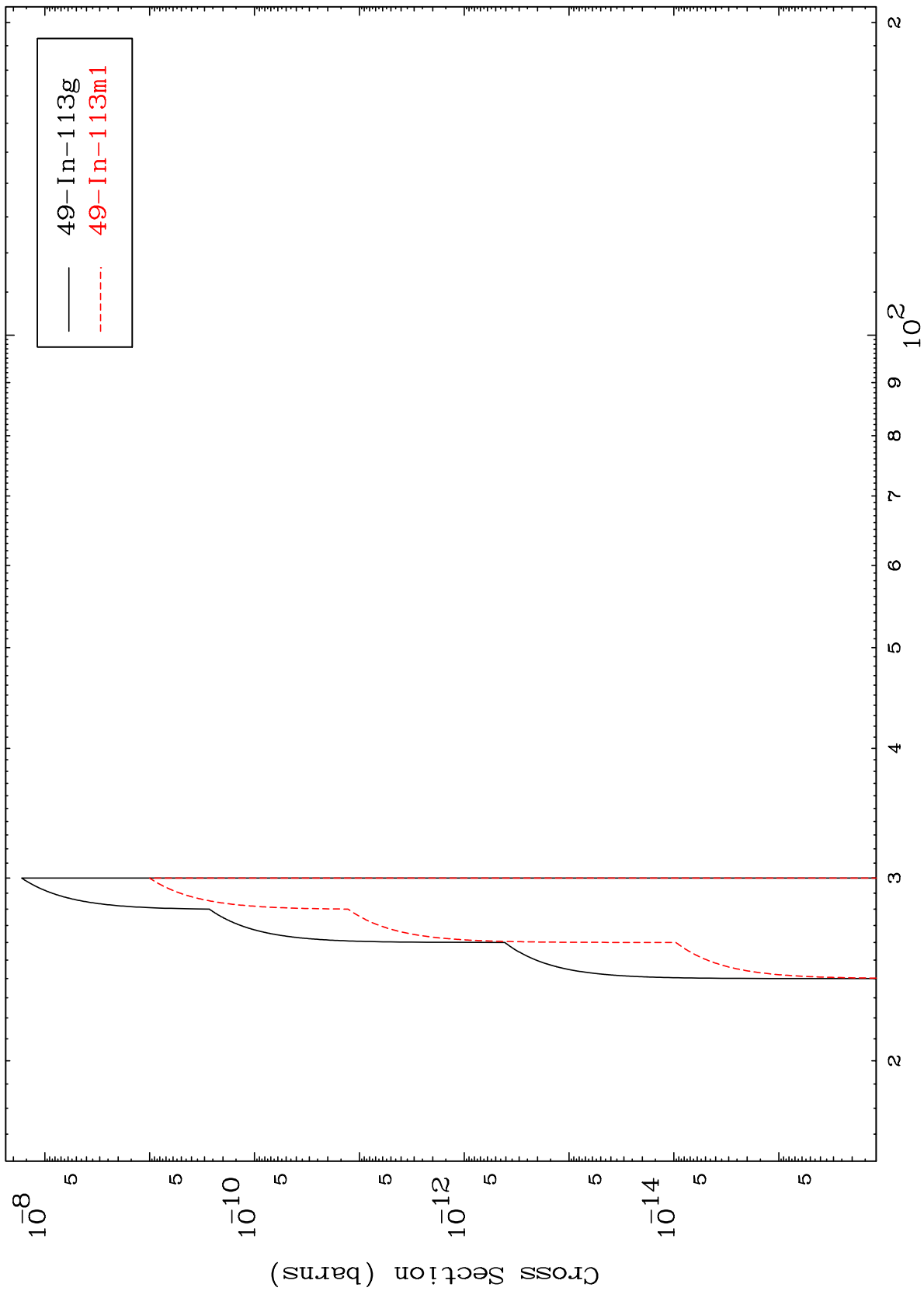
Incident Energy (MeV)

14

MAT 5034

50-Sn-115

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



50-Sn-115

Incident Energy (MeV)

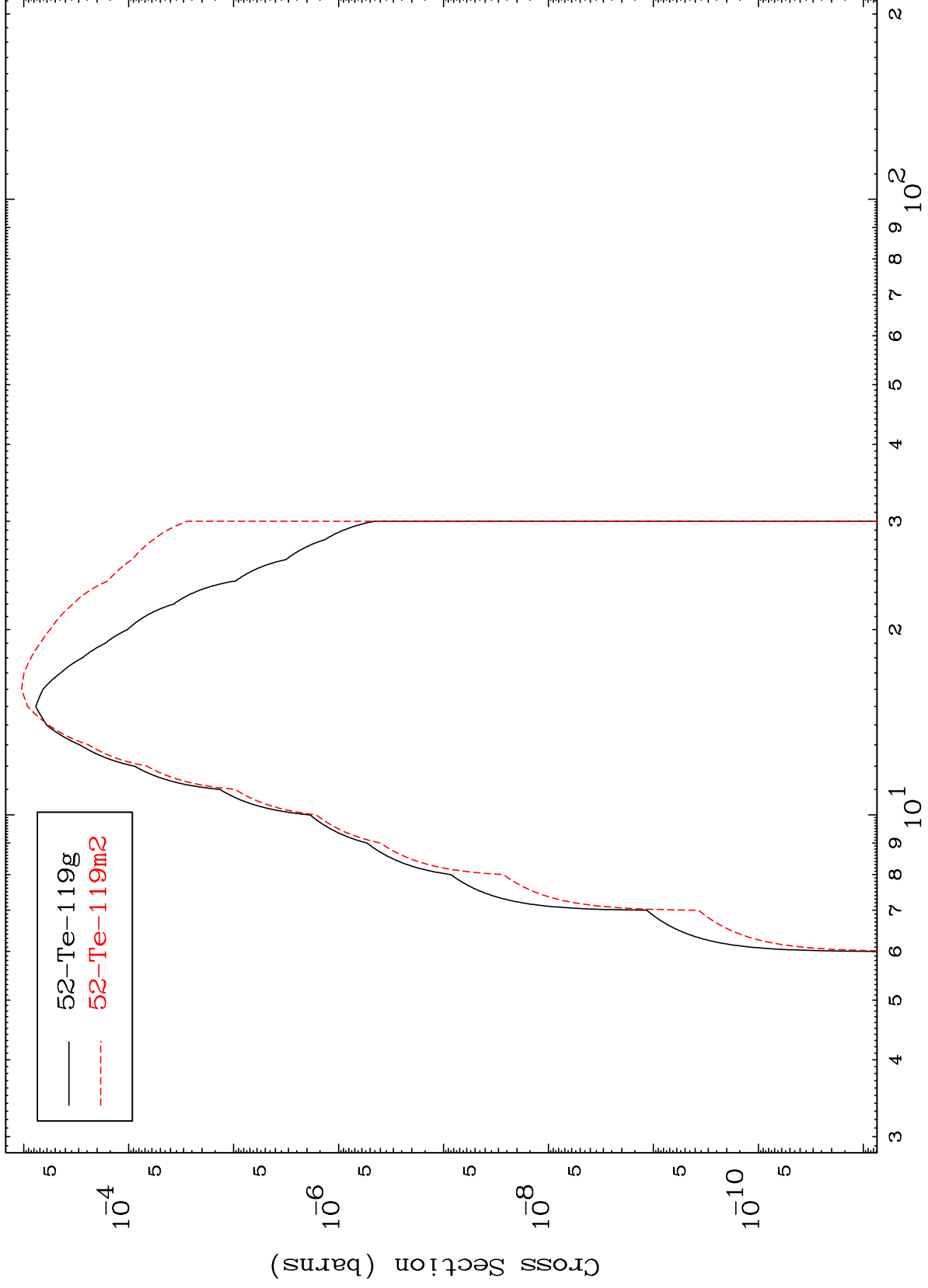
15



MAT 5034

50-Sn-115

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



16

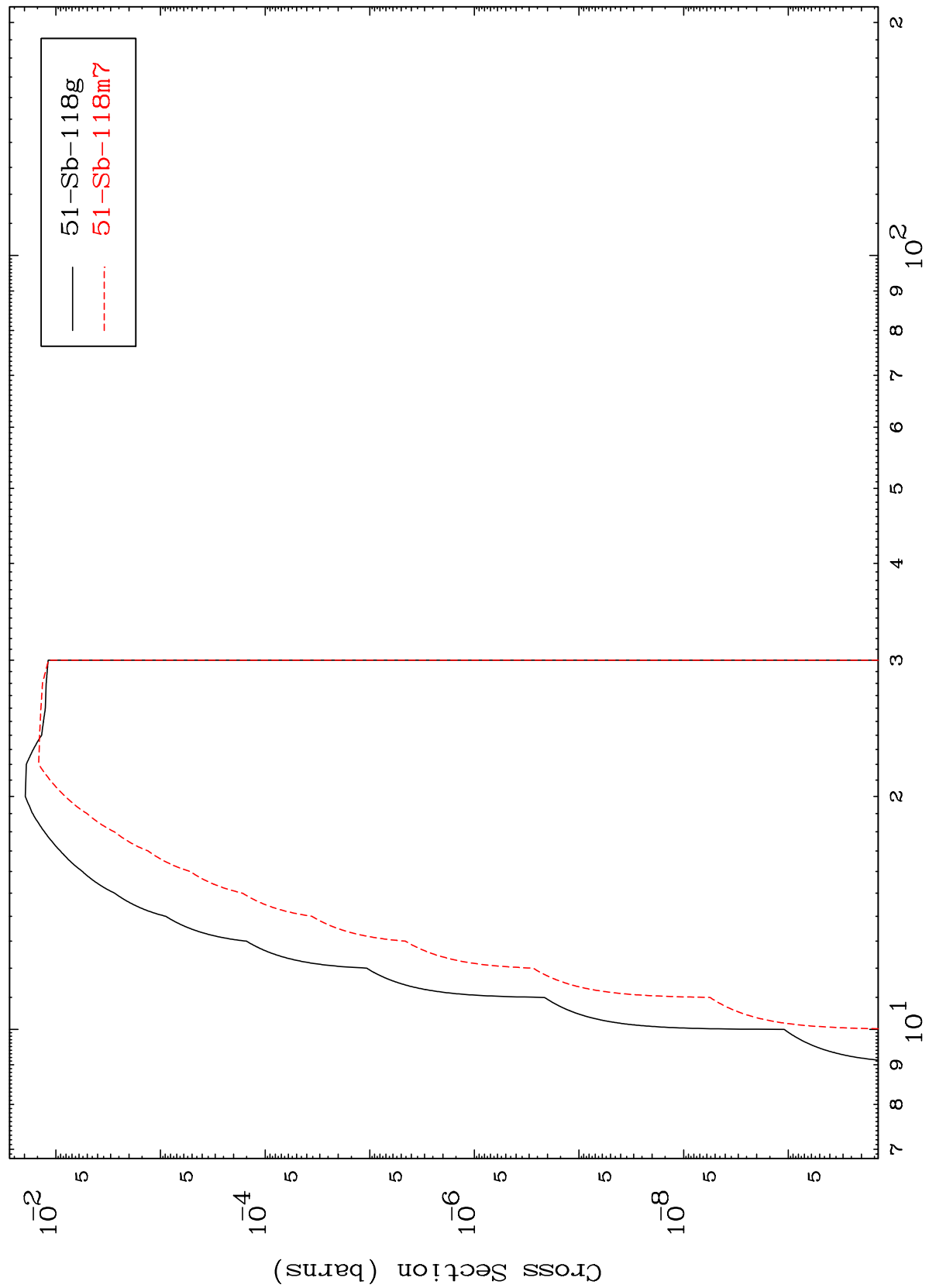
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

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



50-Sn-115

Incident Energy (MeV)

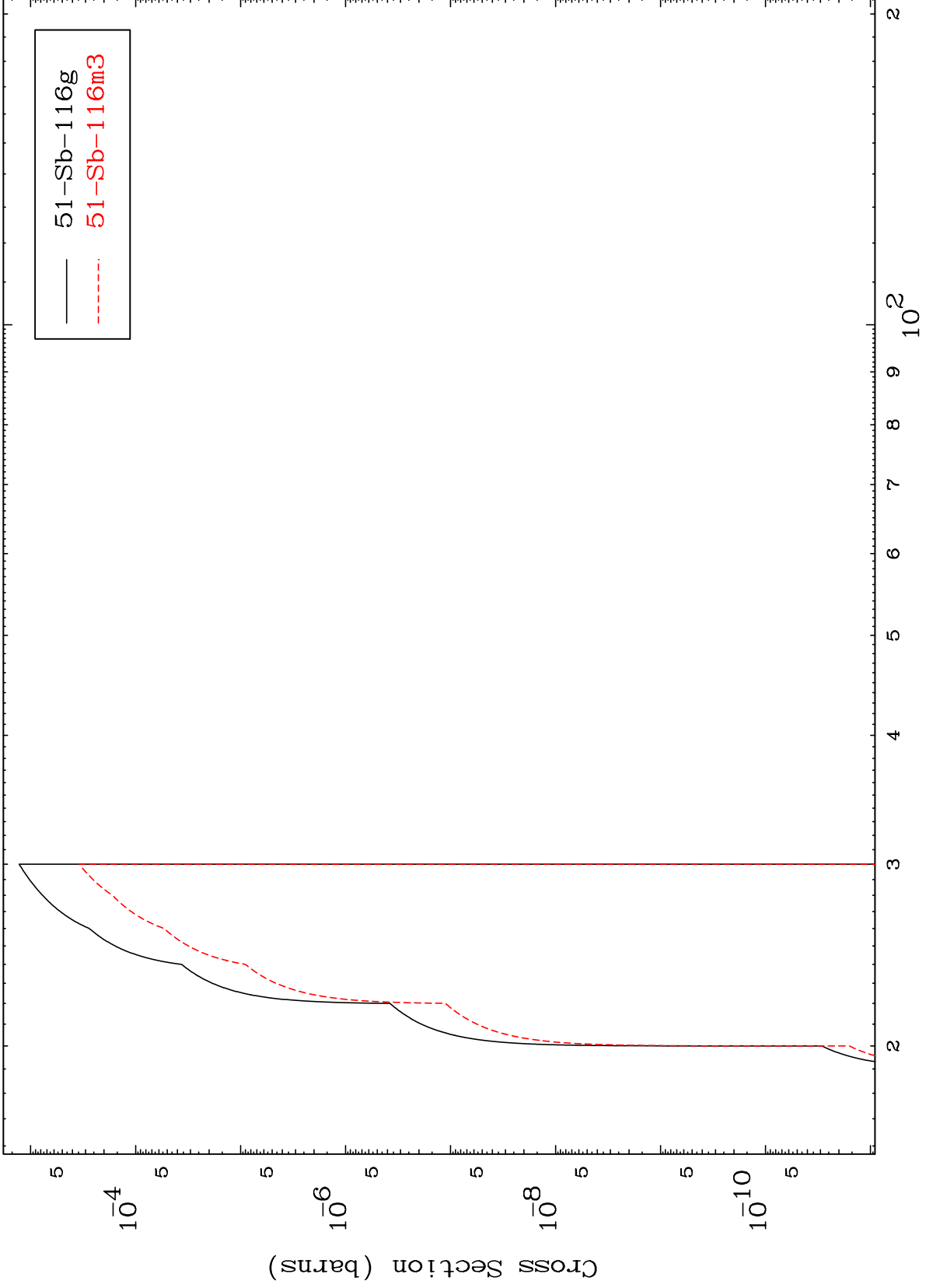
17

MAT 5034

( $\alpha, t$ )

50-Sn-115

Radionuclide Production Cross Section



18

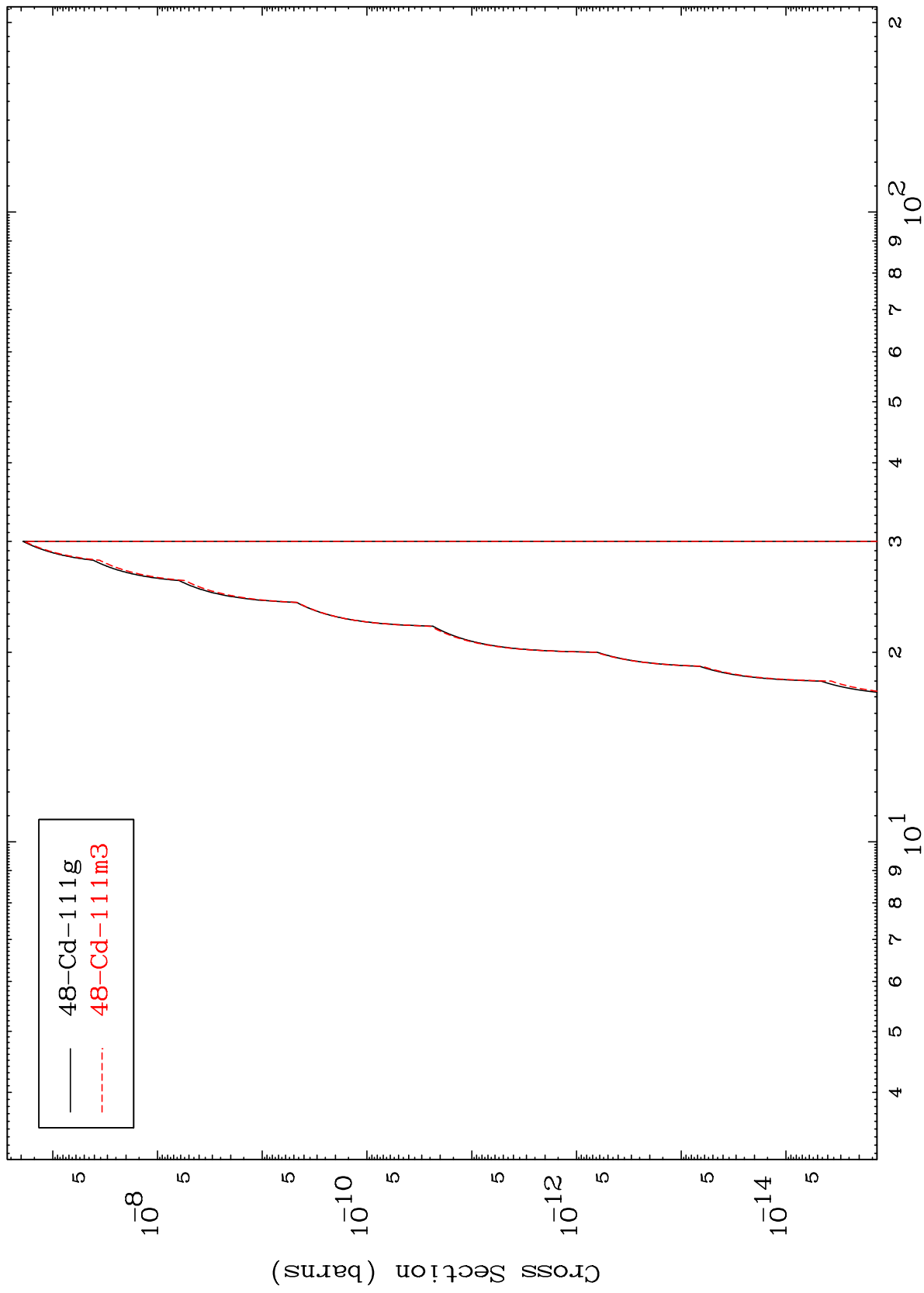
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

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



19

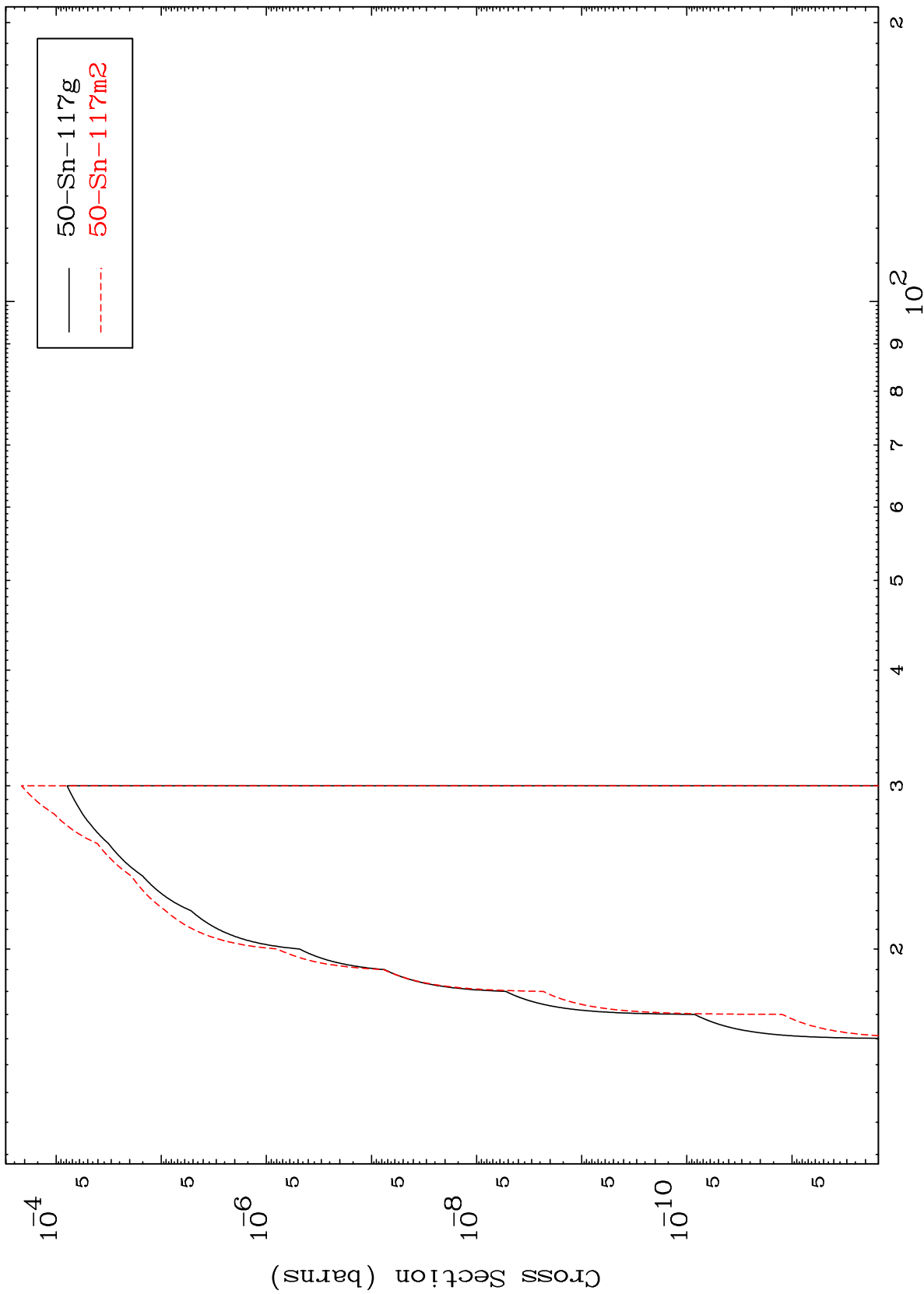
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

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



20

Incident Energy (MeV)

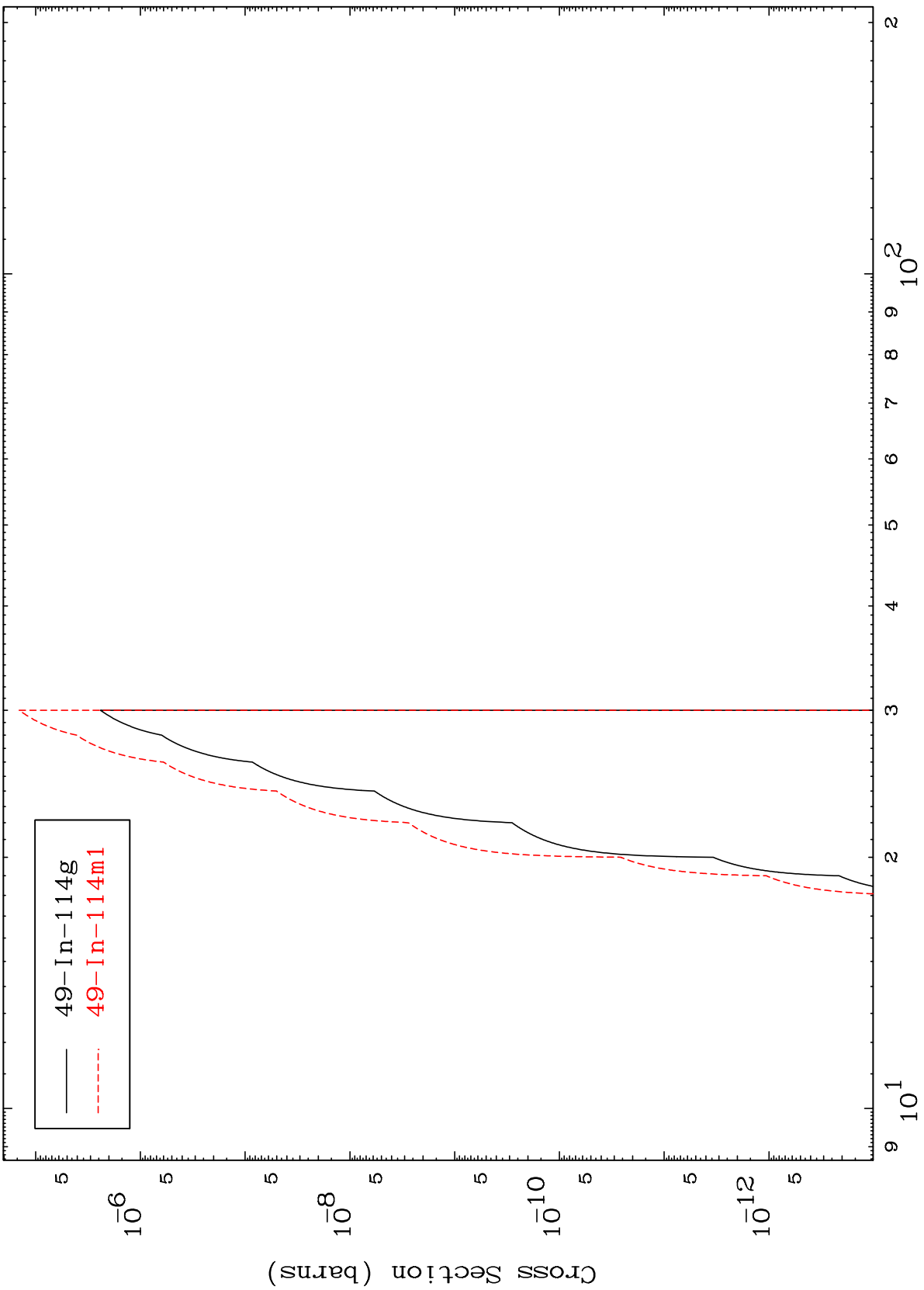
50-Sn-115

MAT 5034

( $\alpha, p$ )  $\alpha$

50-Sn-115

Radionuclide Production Cross Section



49-In-114g  
49-In-114m1

21

Incident Energy (MeV)

50-Sn-115

MAT 5034

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

50-Sn-115

