

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

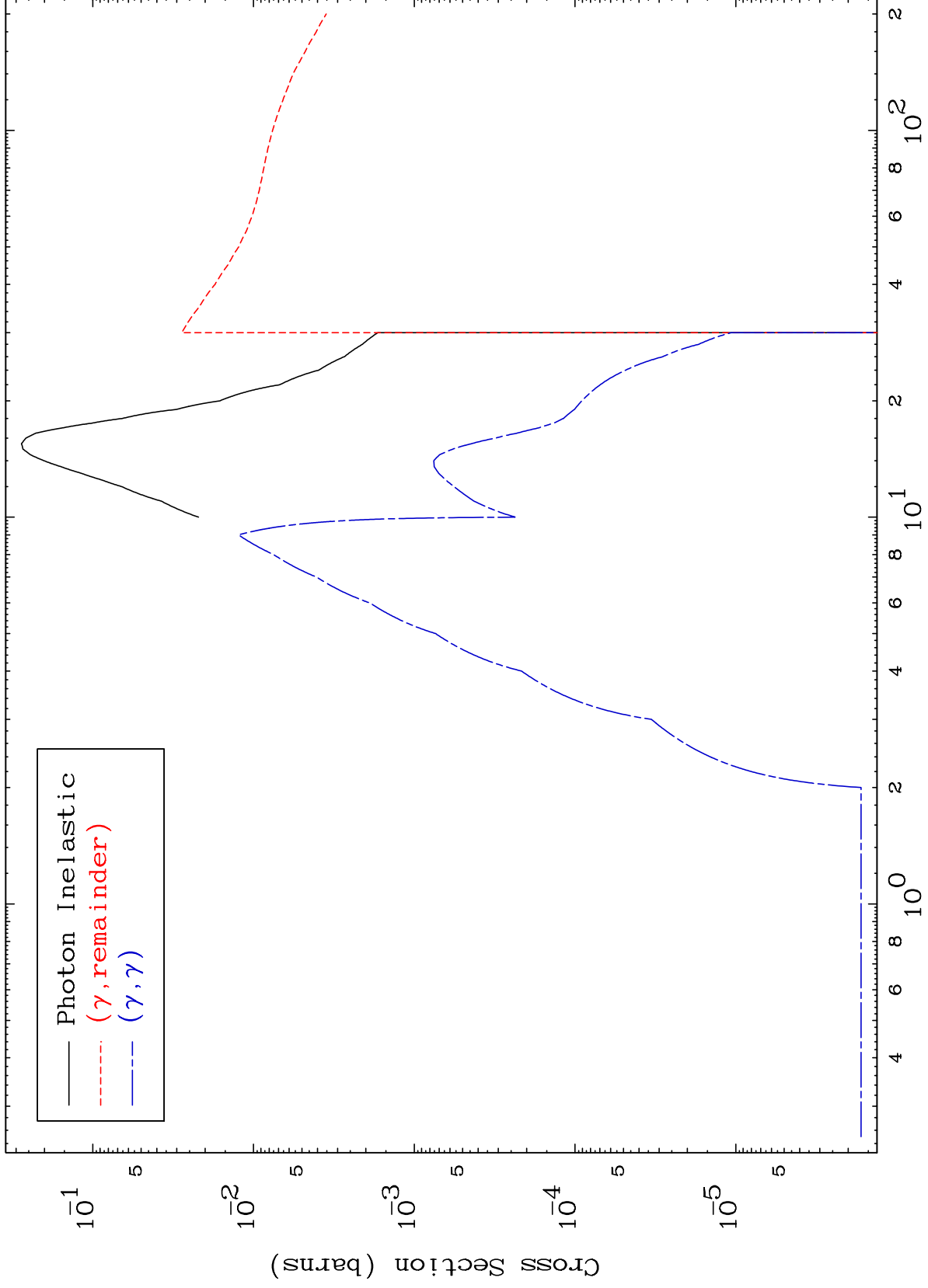
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5043

Photon Major  
0 Kelvin Cross Sections

50-Sn-118



50-Sn-118

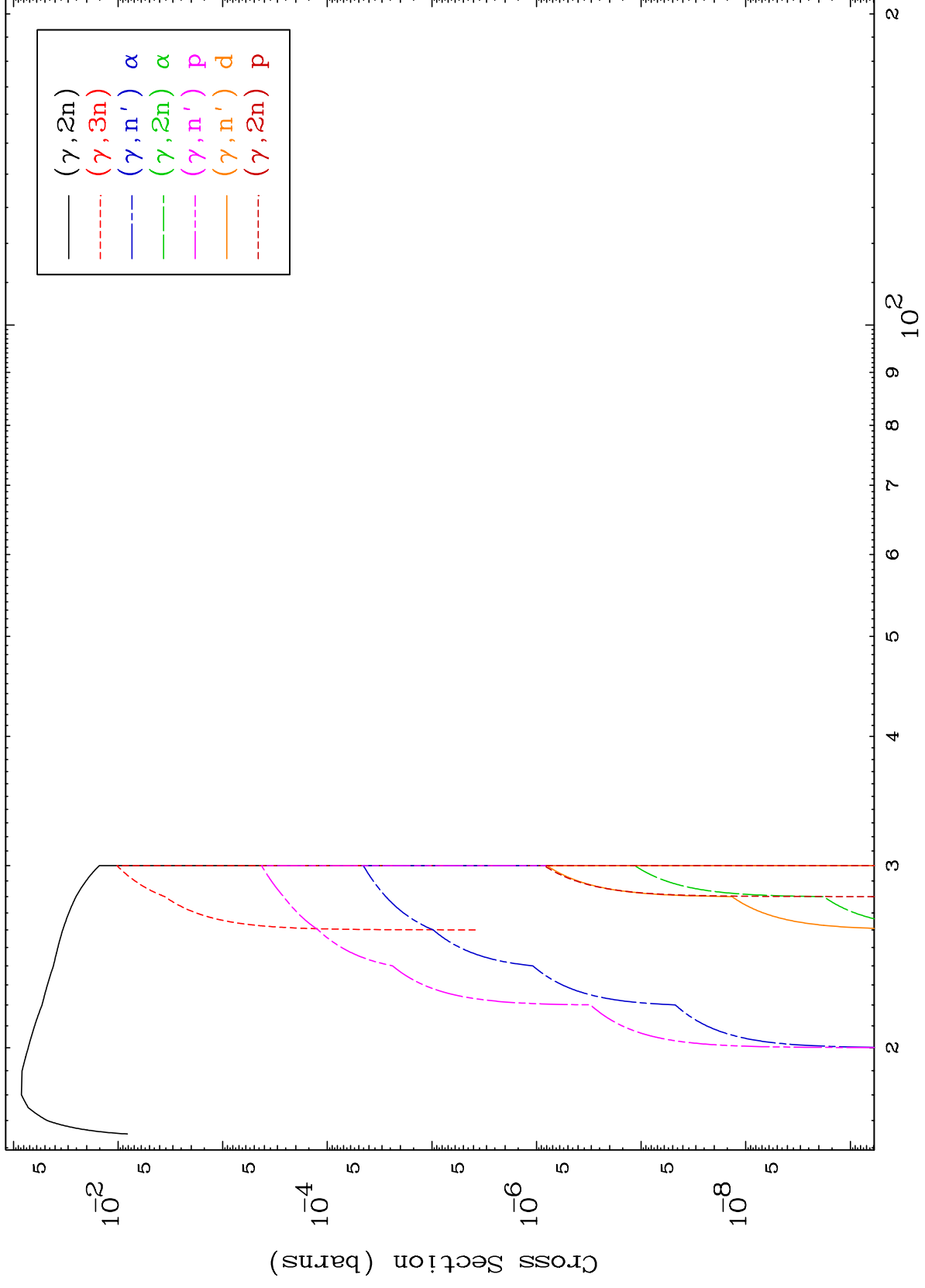
Incident Energy (MeV)

1

MAT 5043

Photon Neutron Production  
0 Kelvin Cross Sections

50-Sn-118



50-Sn-118

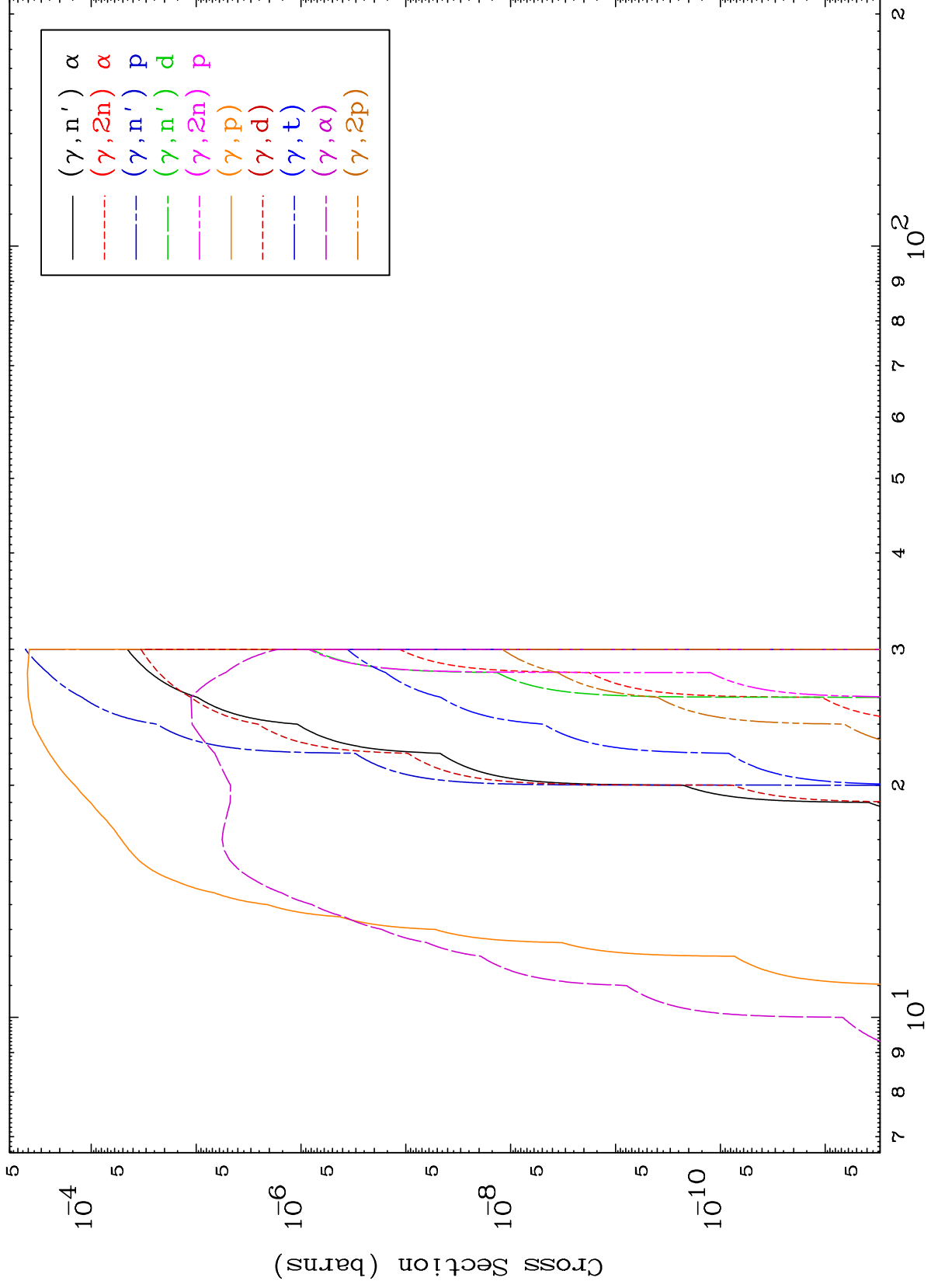
Incident Energy (MeV)

2

MAT 5043

Photon Charged Particle  
0 Kelvin Cross Sections

50-Sn-118



3

Incident Energy (MeV)

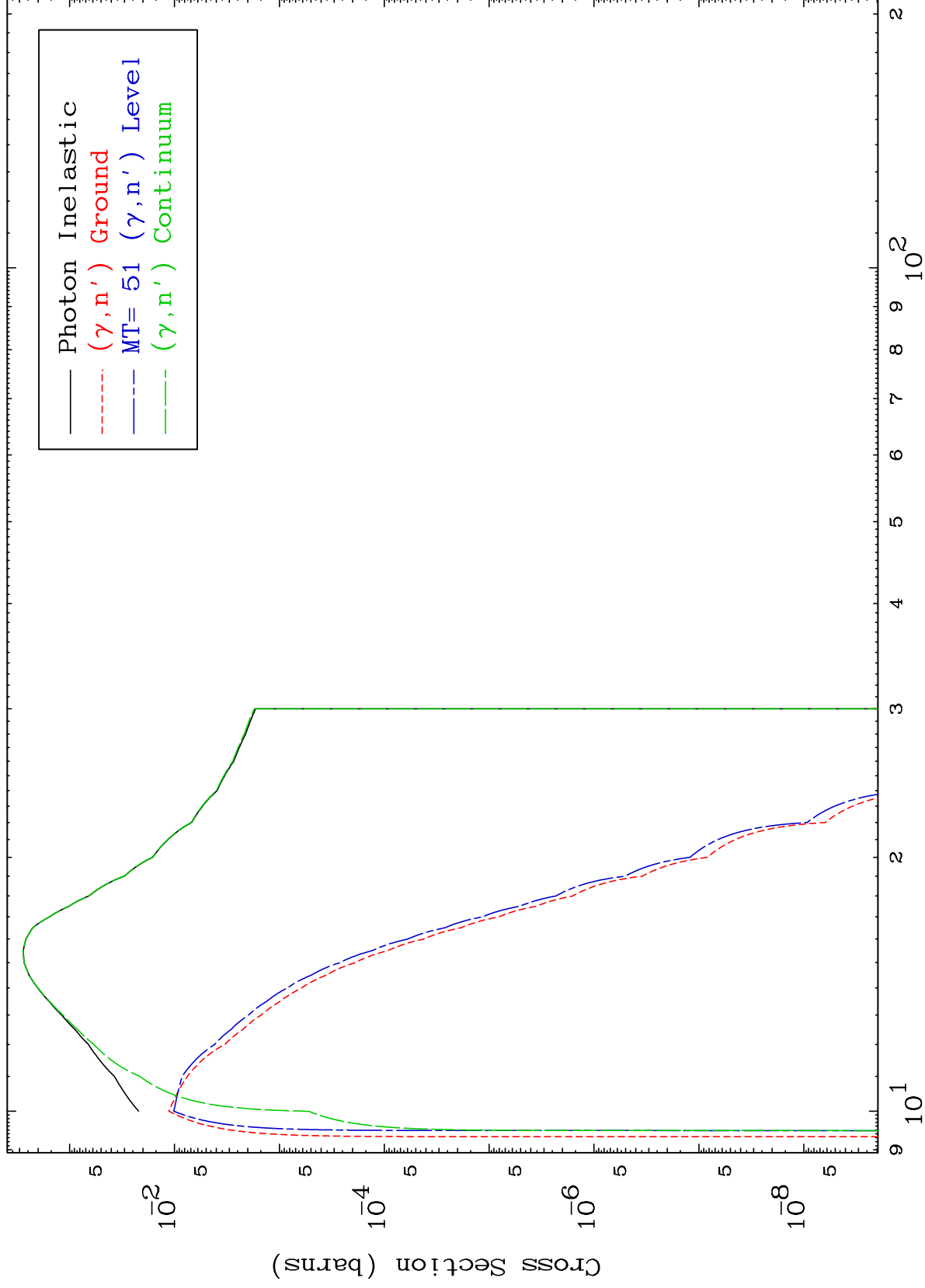
50-Sn-118

MAT 5043

$(\gamma, n')$  Level

50-Sn-118

0 Kelvin Cross Sections



Incident Energy (MeV)

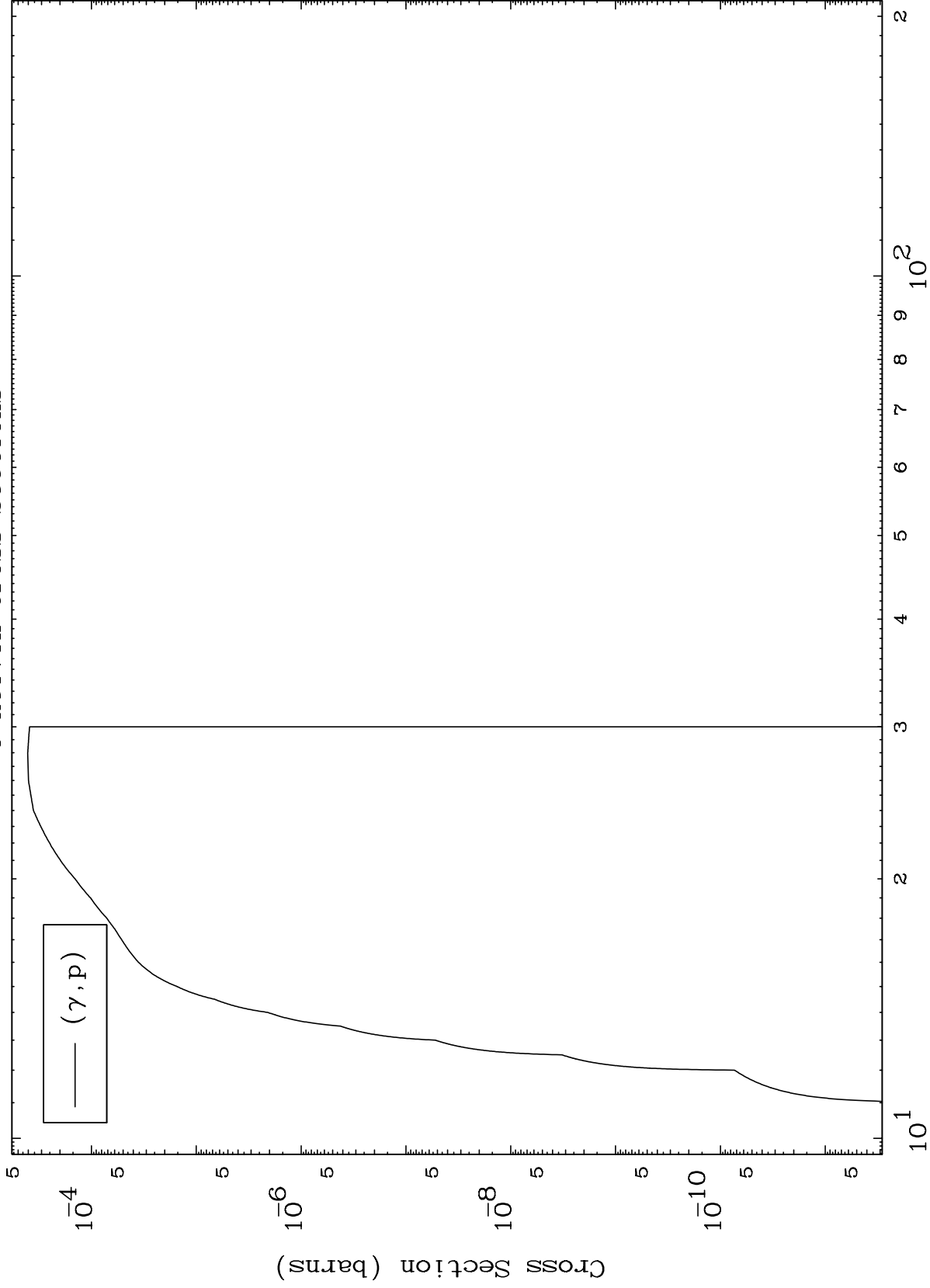
50-Sn-118

MAT 5043

( $\gamma, p$ ) Levels

50-Sn-118

0 Kelvin Cross Sections



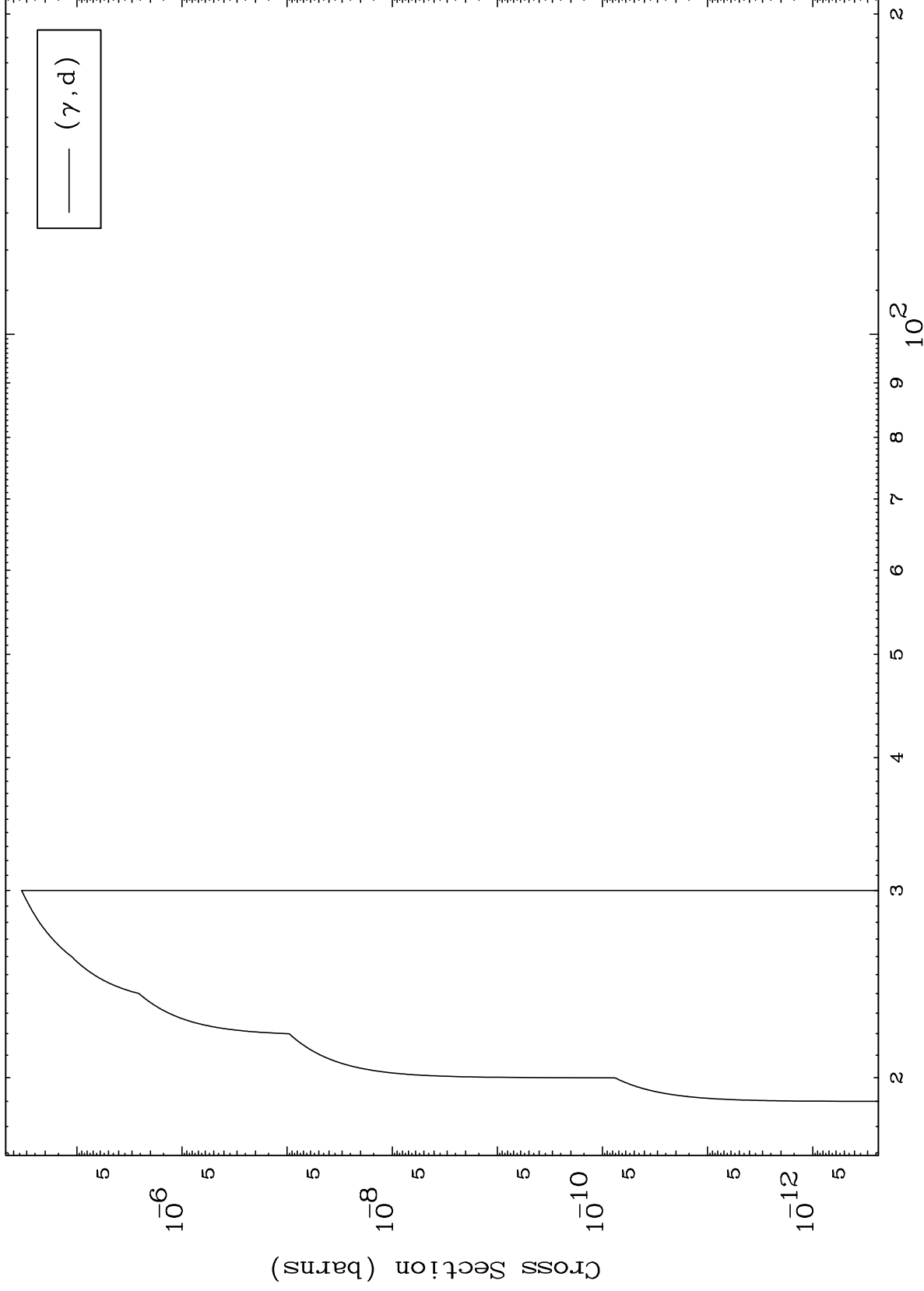
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



6

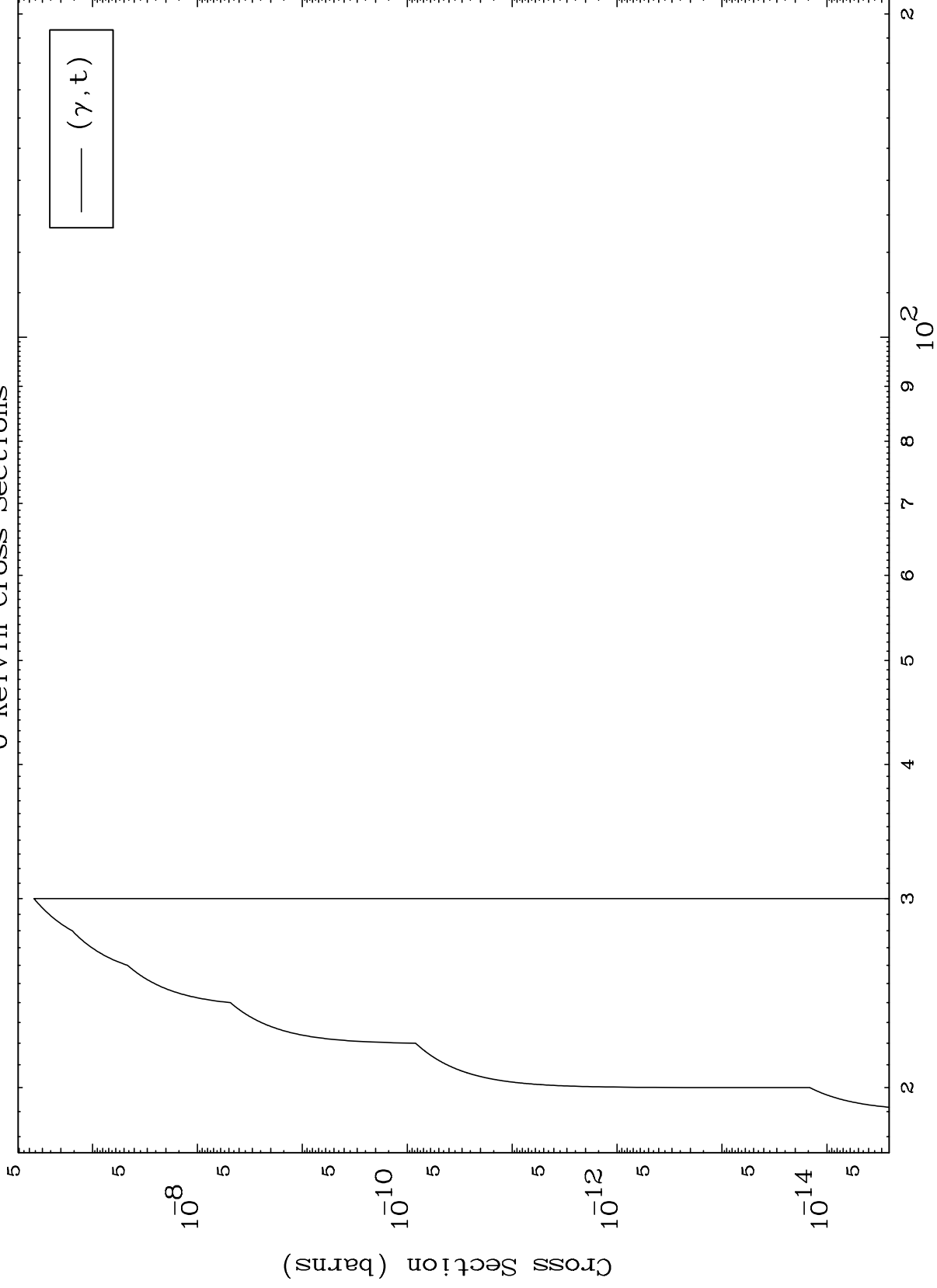
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



7

Incident Energy (MeV)

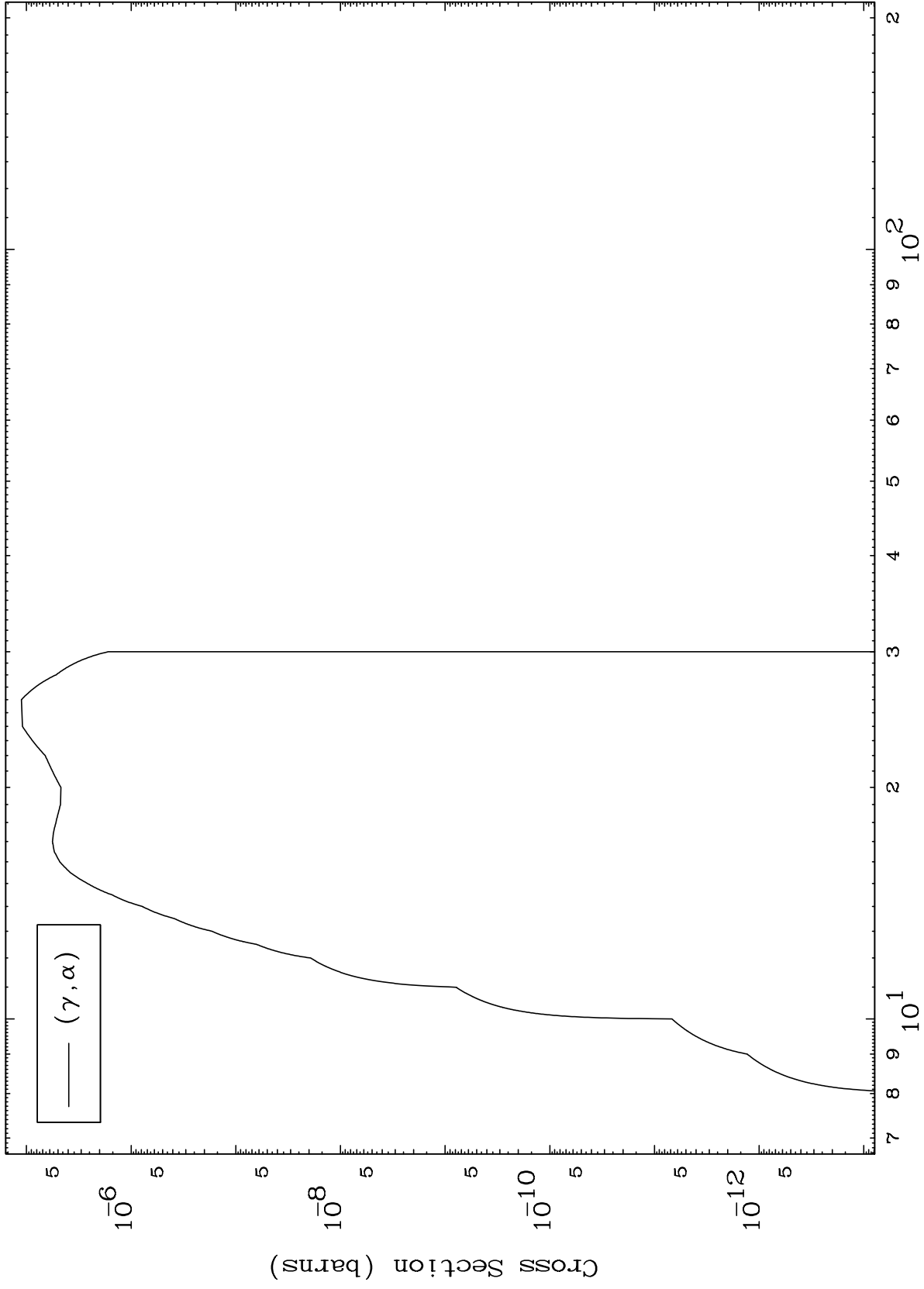
50-Sn-118



MAT 5043

50-Sn-118

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



8

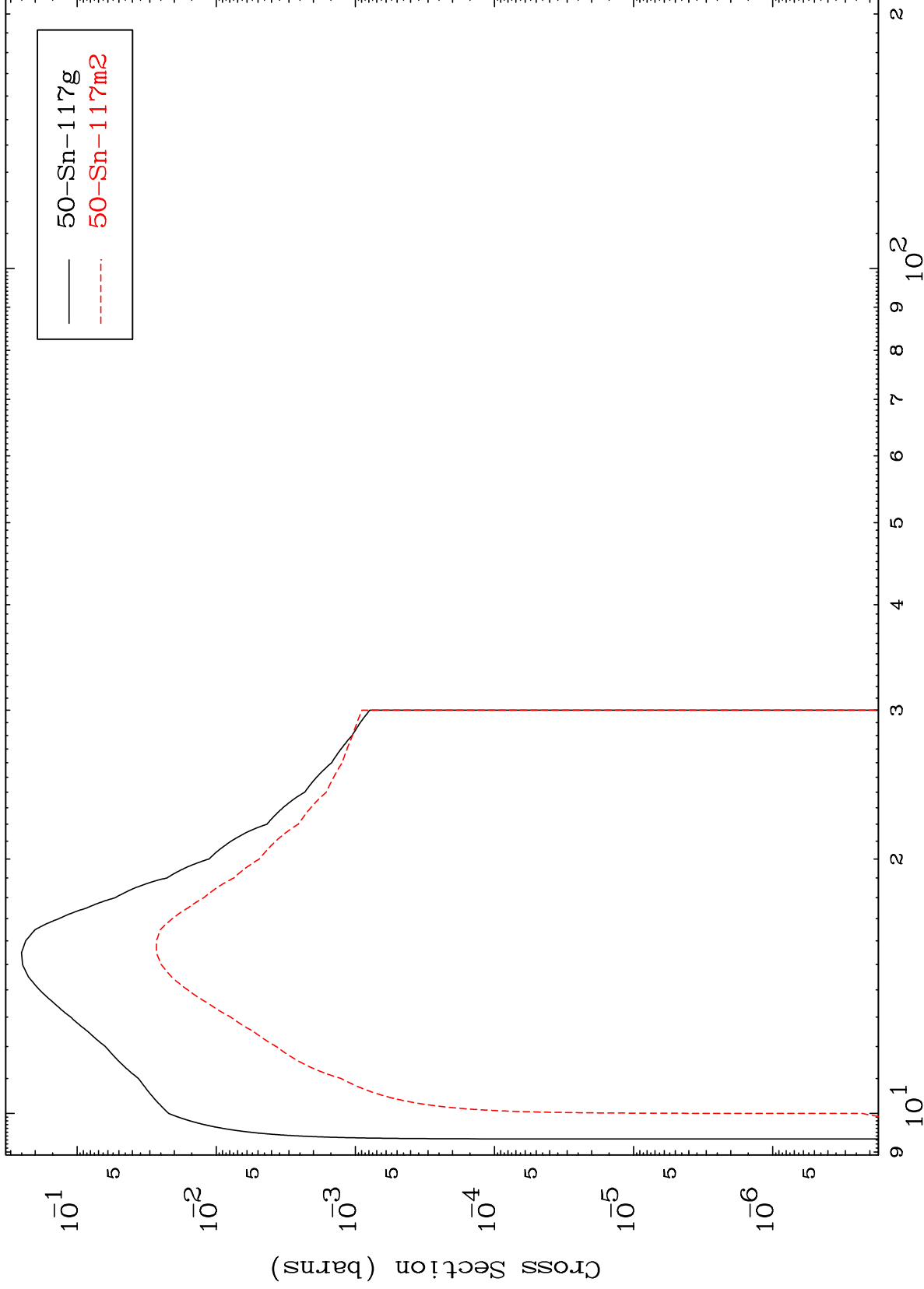
Incident Energy (MeV)

50-Sn-118

MAT 5043

Photon Inelastic  
Radionuclide Production Cross Section

50-Sn-118



Incident Energy (MeV)

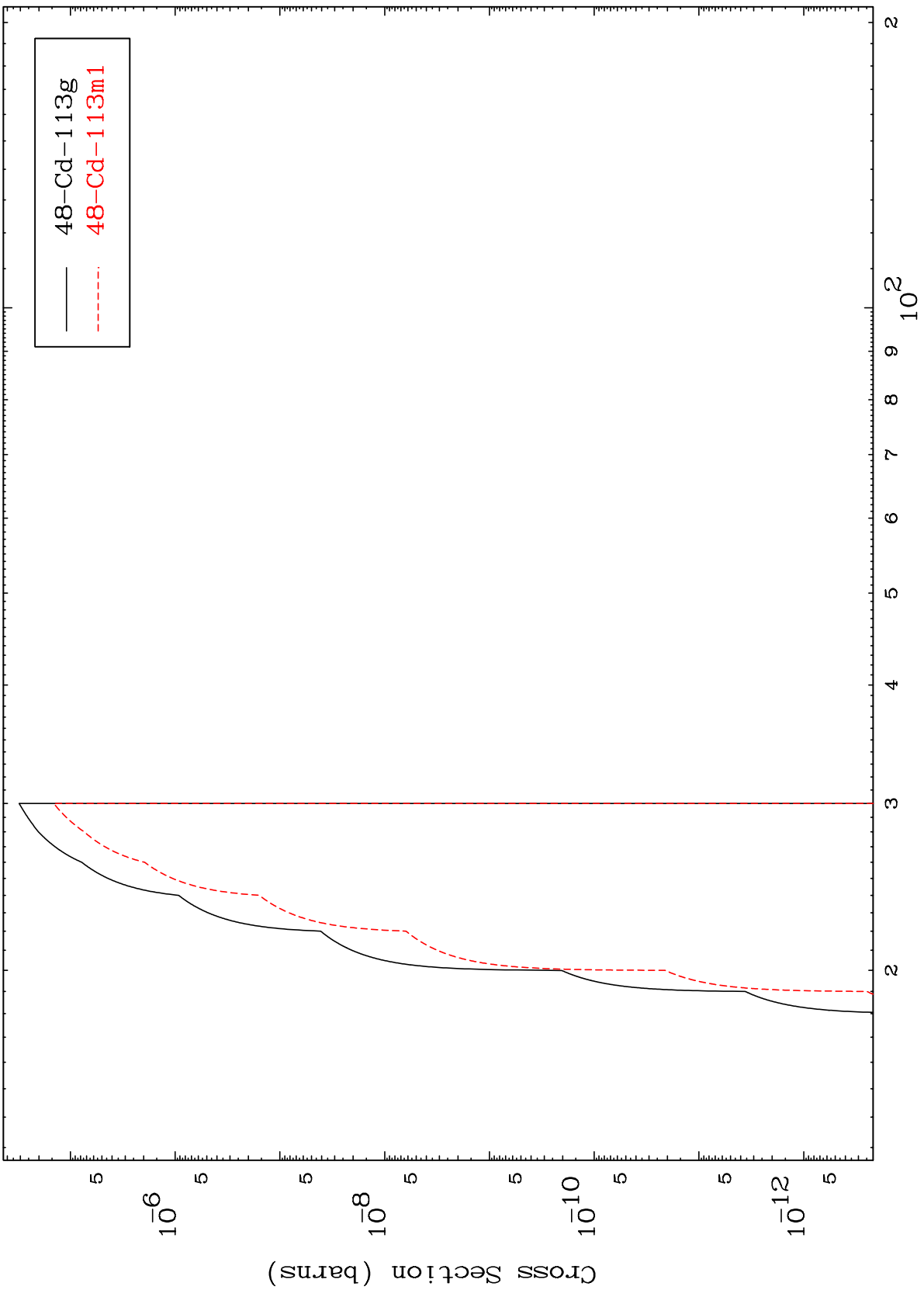
50-Sn-118

MAT 5043

50-Sn-118

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

Radionuclide Production Cross Section



10

Incident Energy (MeV)

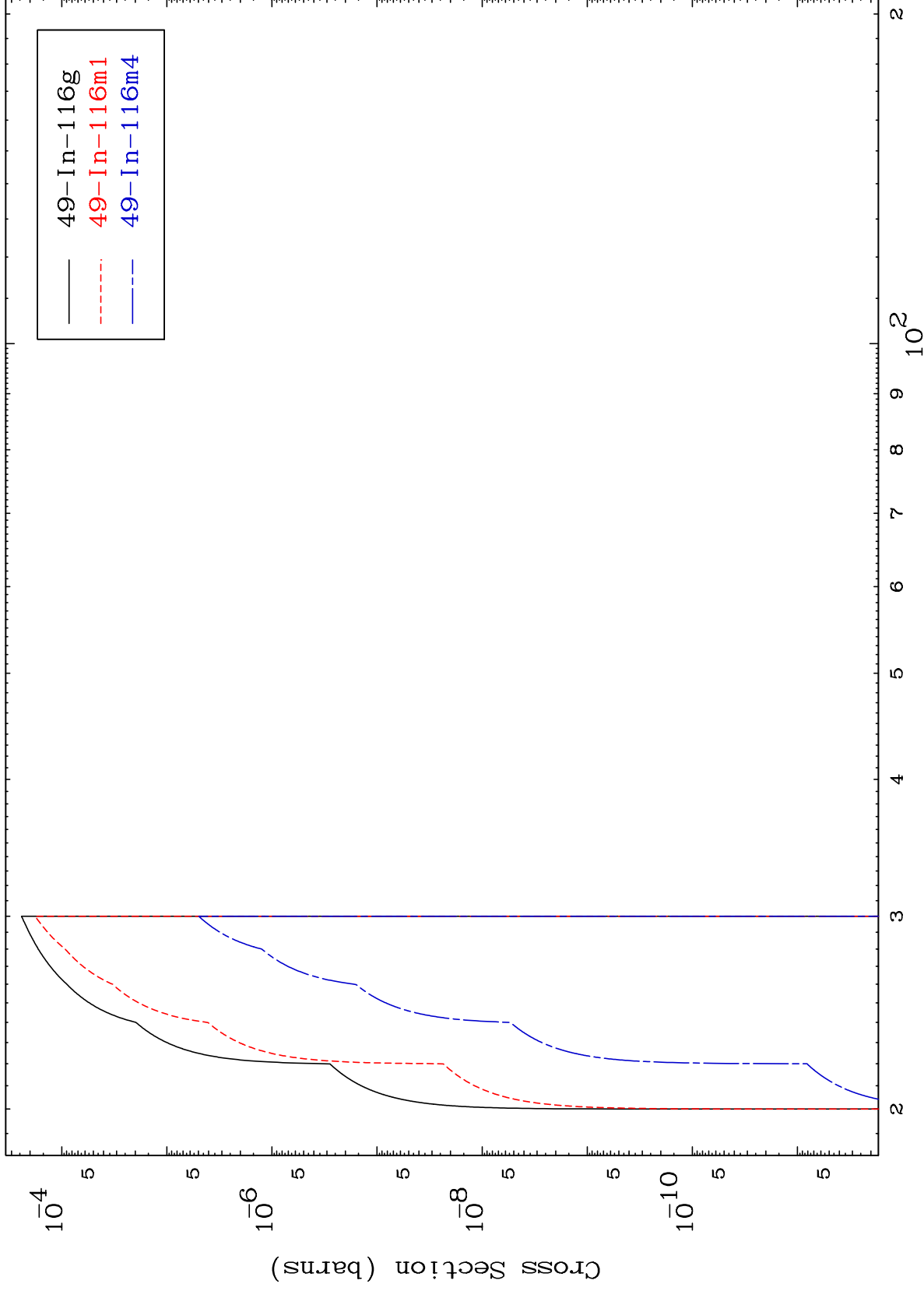
50-Sn-118

MAT 5043

$(\gamma, n')$  p

50-Sn-118

Radionuclide Production Cross Section



11

Incident Energy (MeV)

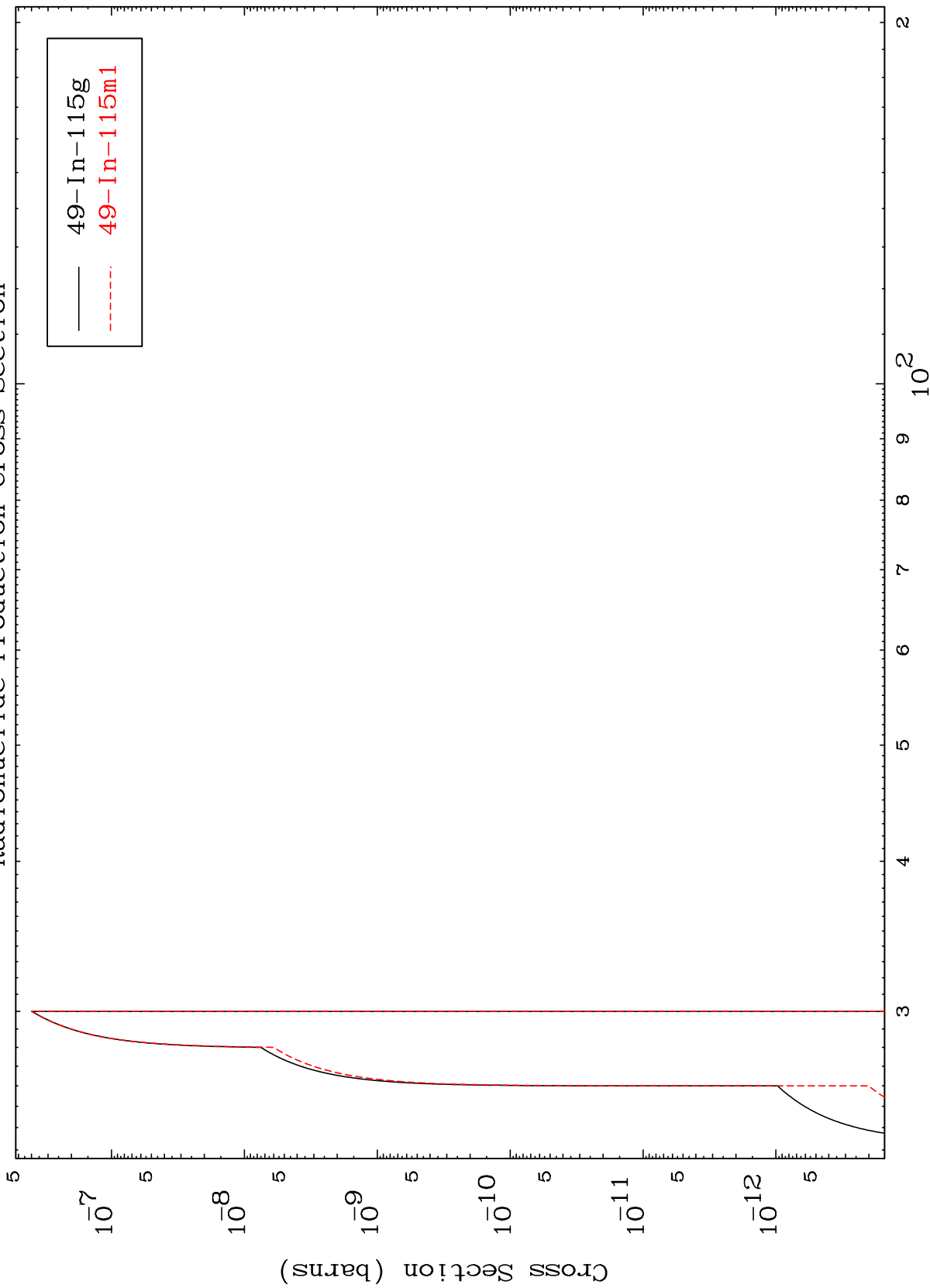
50-Sn-118

MAT 5043

( $\gamma, n'$ ) d

50-Sn-118

Radionuclide Production Cross Section



12

Incident Energy (MeV)

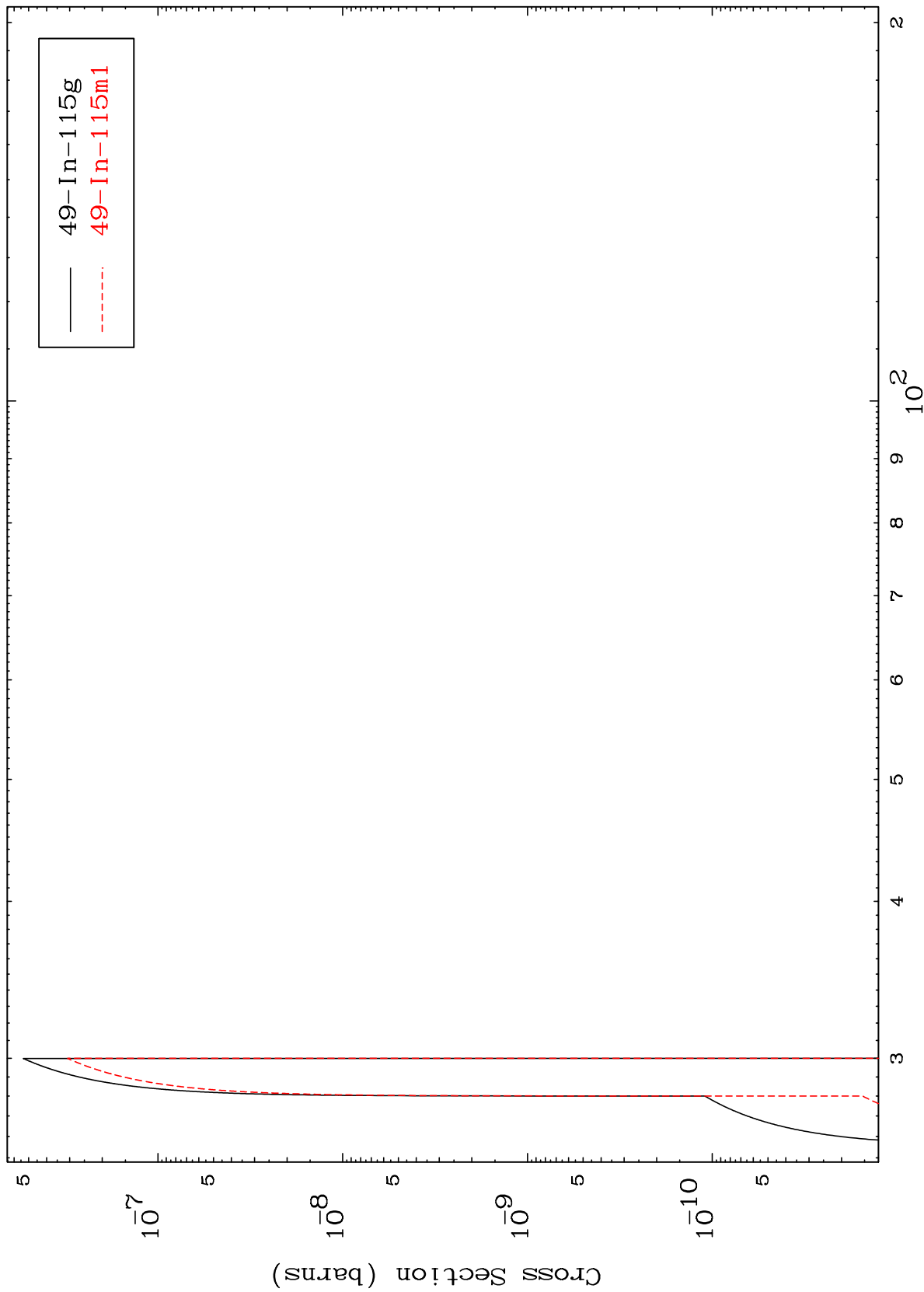
50-Sn-118

MAT 5043

50-Sn-118

$(\gamma, 2n)$  p

Radionuclide Production Cross Section



50-Sn-118

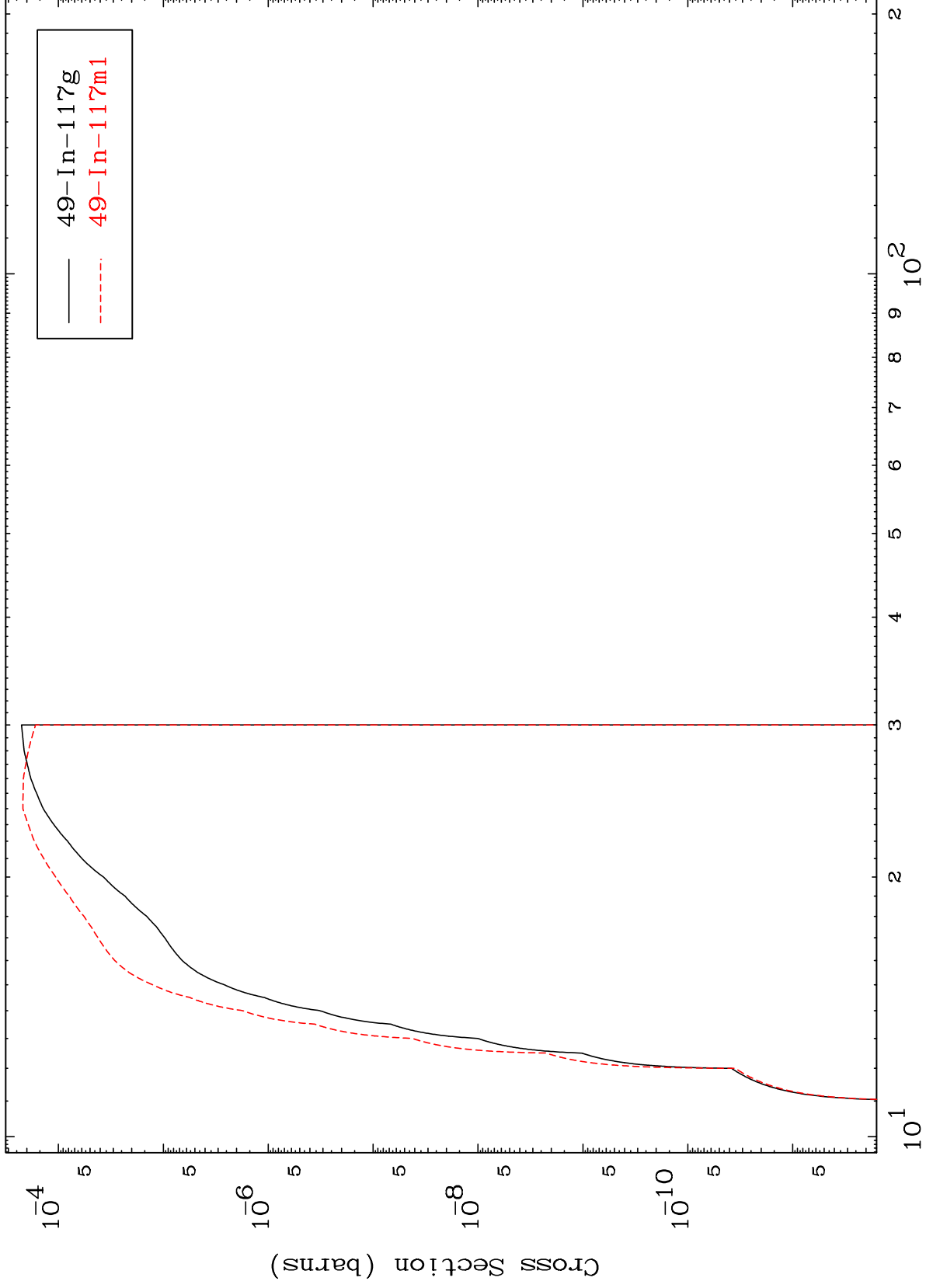
Incident Energy (MeV)

13

MAT 5043

50-Sn-118

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



50-Sn-118

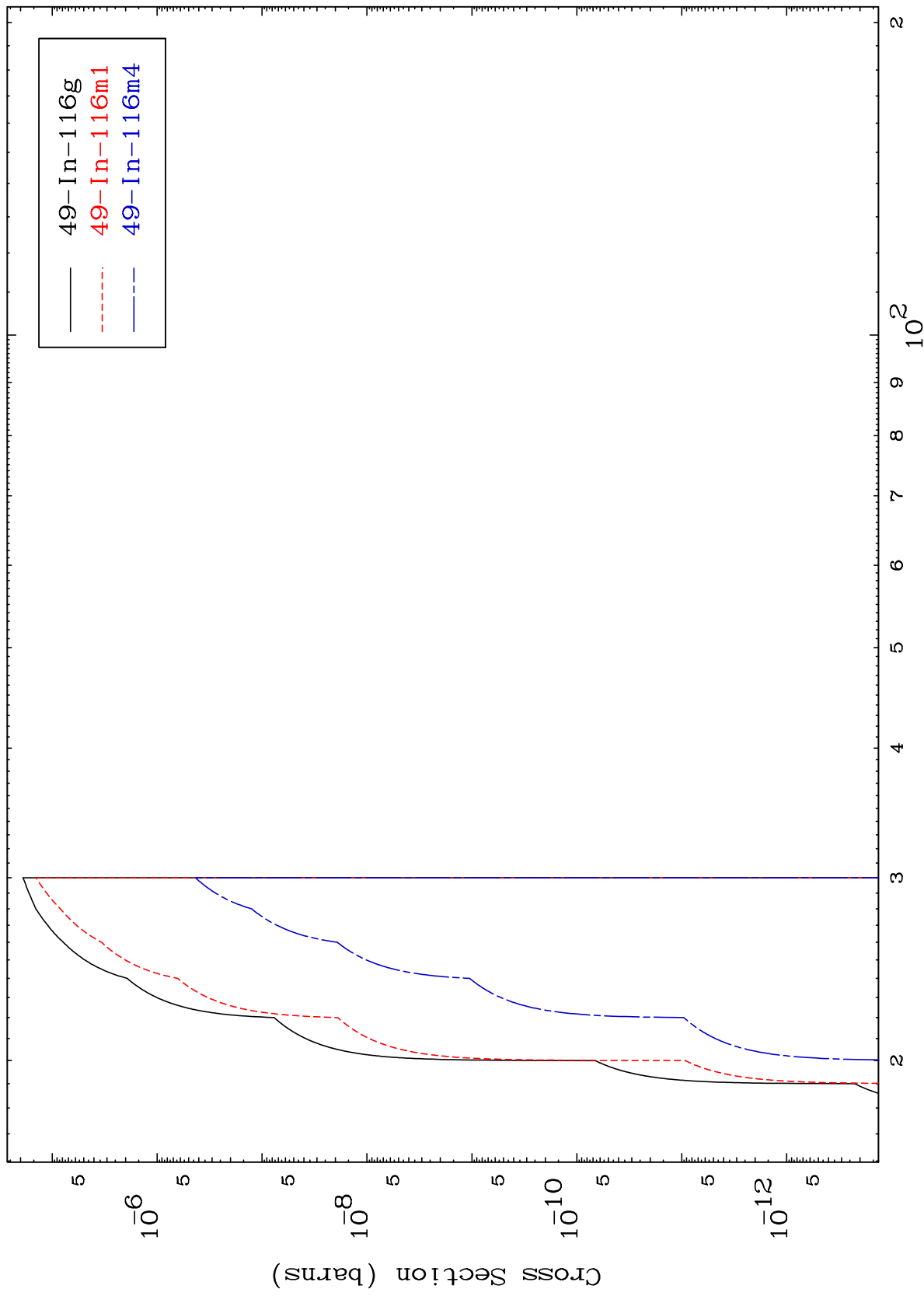
Incident Energy (MeV)

14

MAT 5043

50-Sn-118

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



15

Incident Energy (MeV)

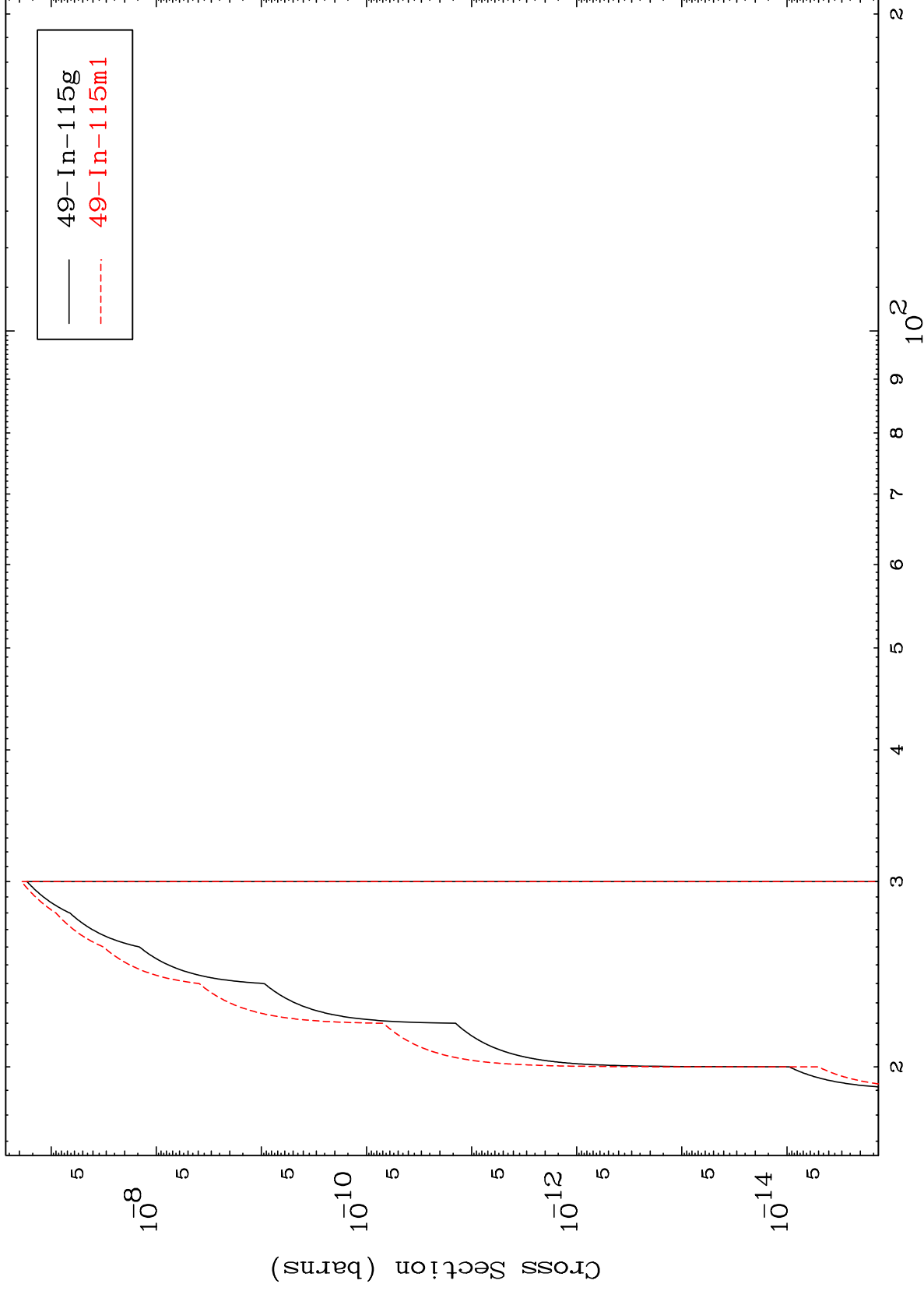
50-Sn-118



MAT 5043

50-Sn-118

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



50-Sn-118

Incident Energy (MeV)

16