

Program EVALPLOT  
(Version 2017-1)

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)

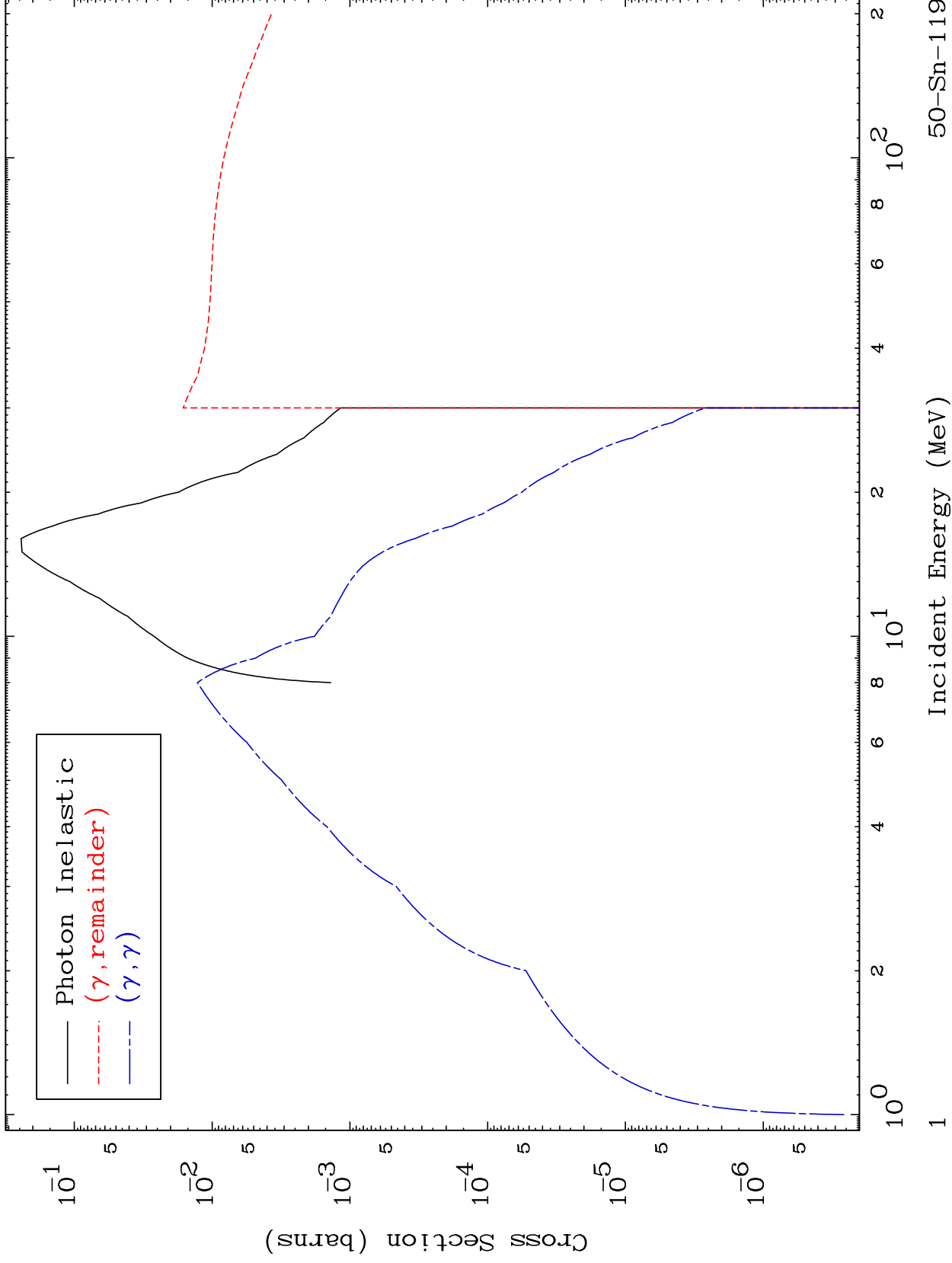
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5047

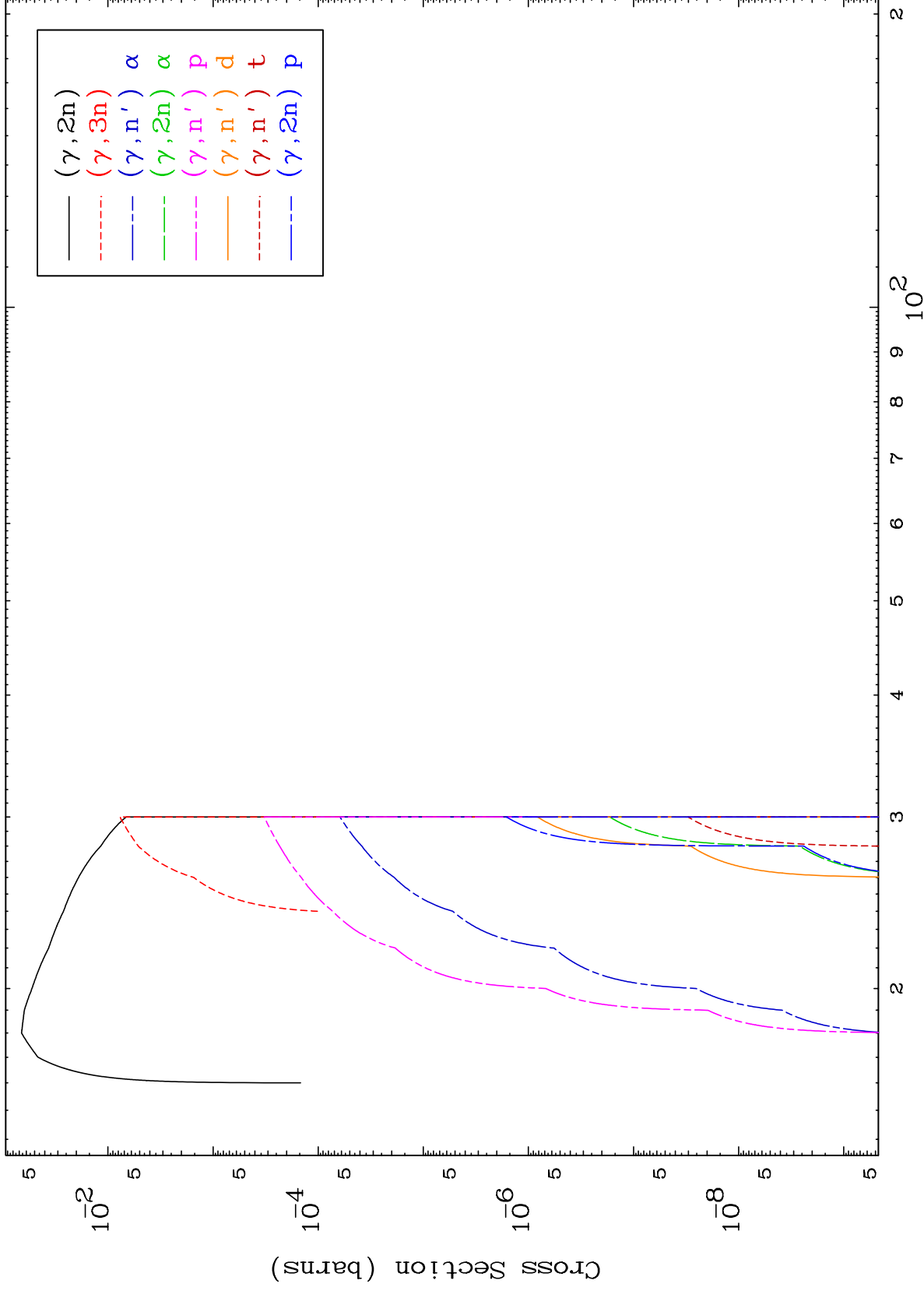
Photon Major  
0 Kelvin Cross Sections

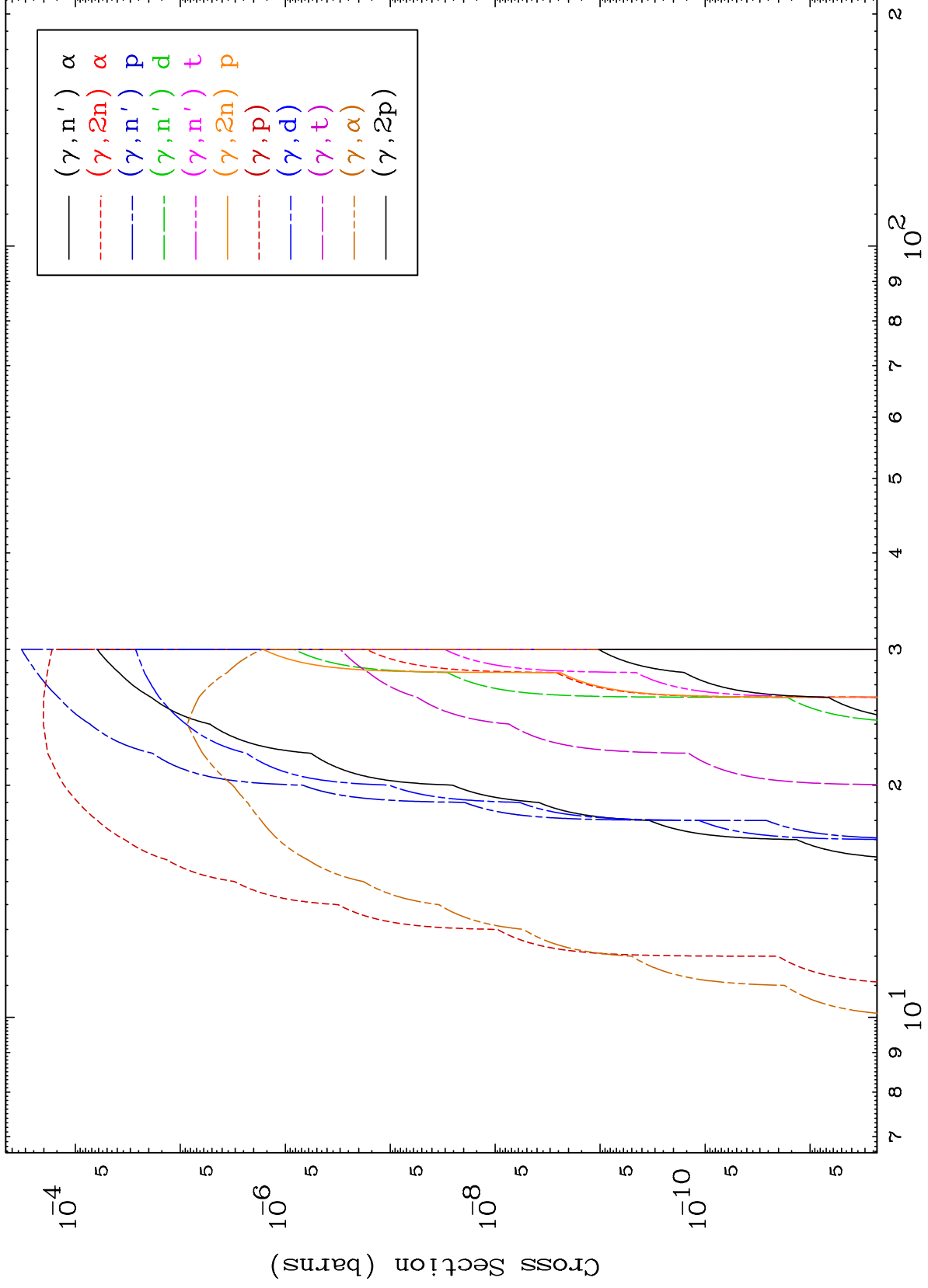
50-Sn-119



50-Sn-119

Incident Energy (MeV)

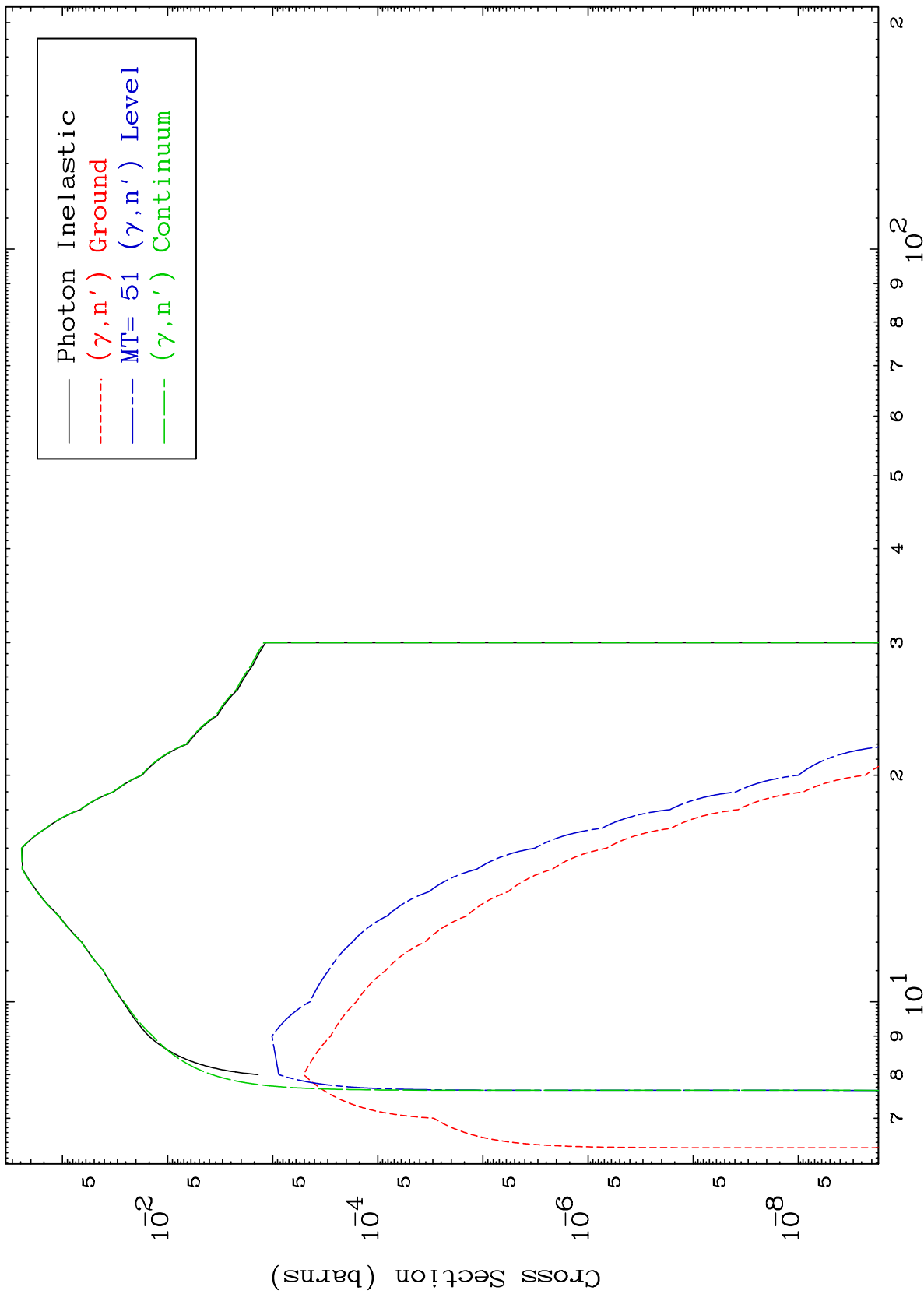




MAT 5047

50-Sn-119

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



50-Sn-119

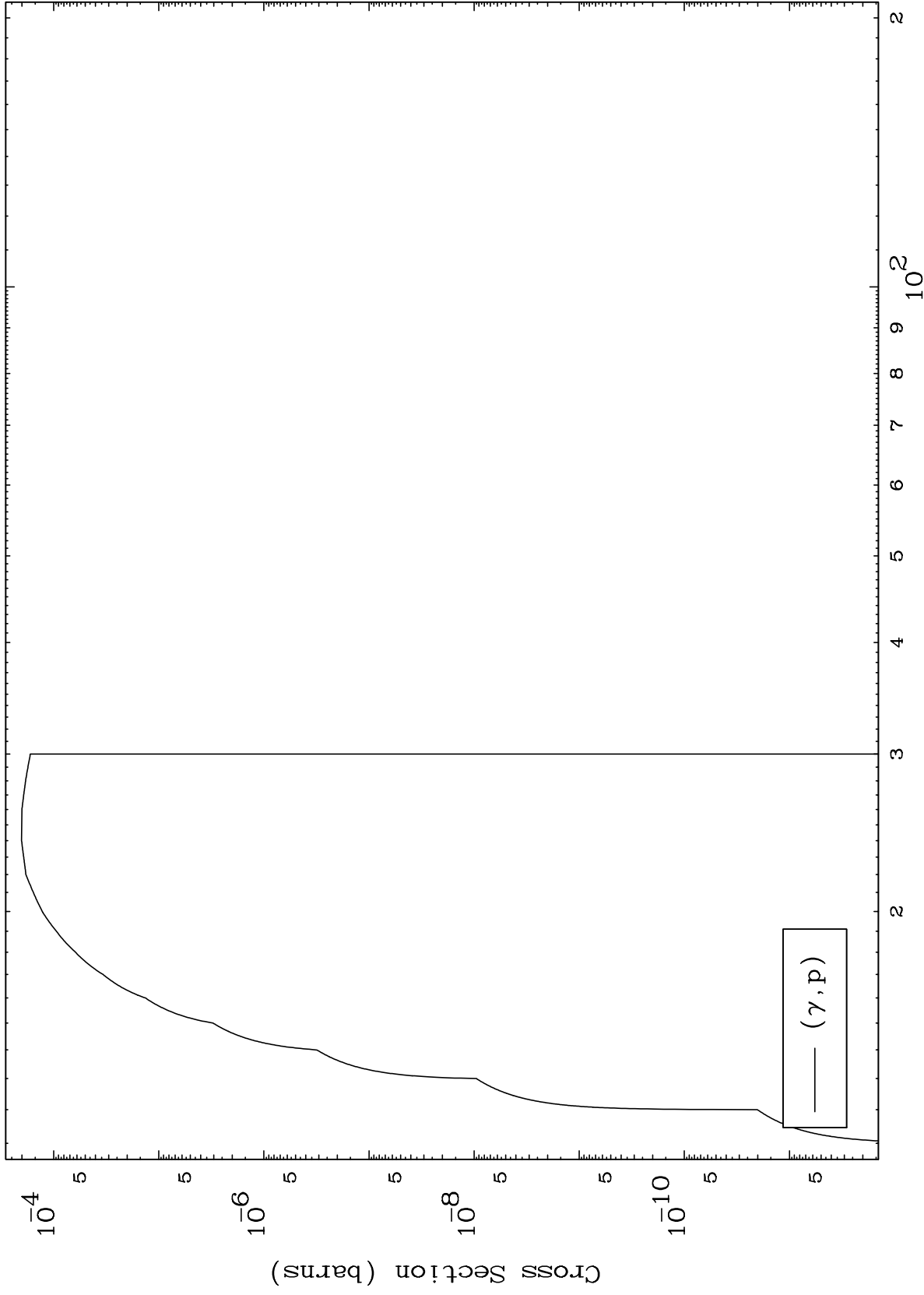
Incident Energy (MeV)

4

MAT 5047

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

50-Sn-119



Incident Energy (MeV)

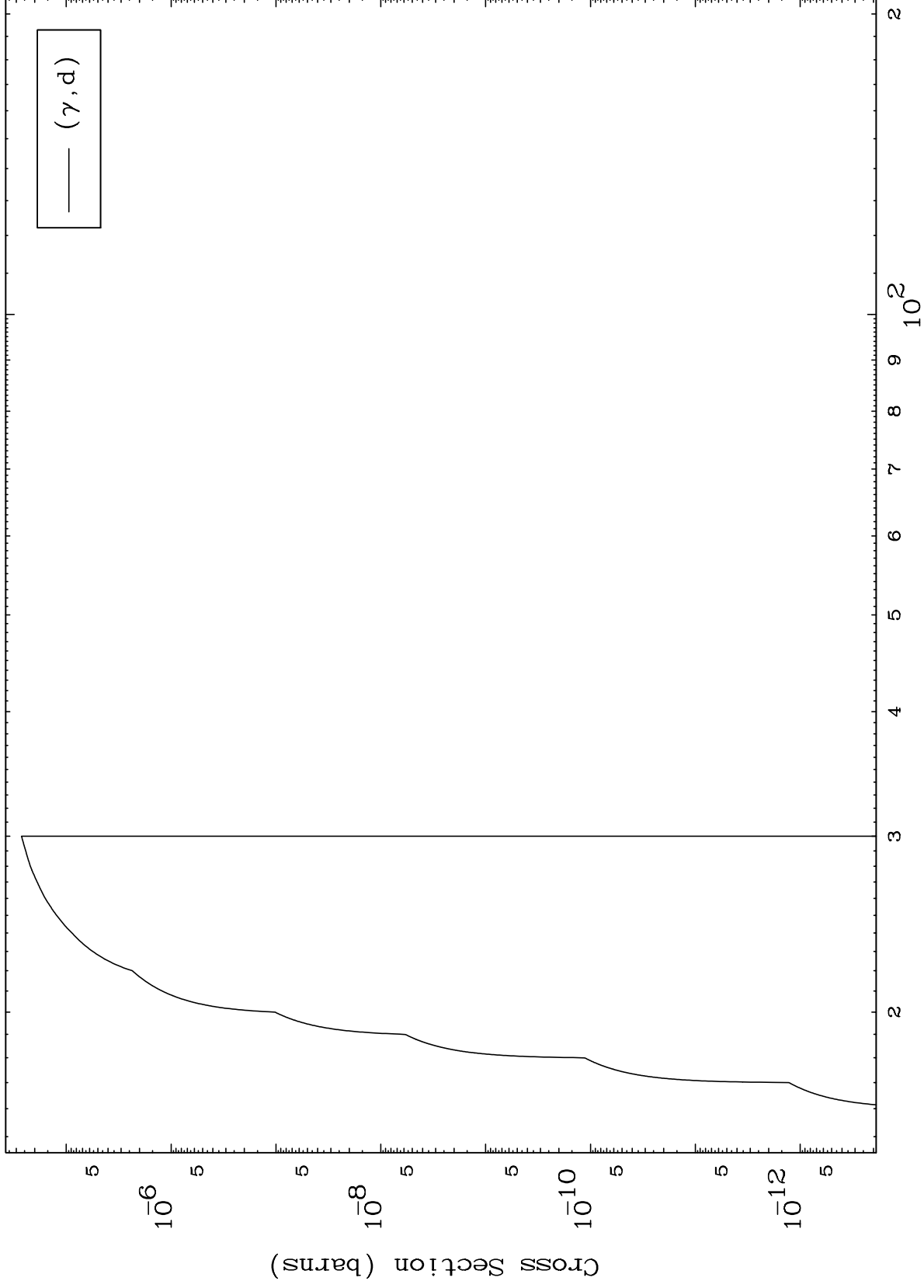
50-Sn-119

5

MAT 5047

50-Sn-119

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



50-Sn-119

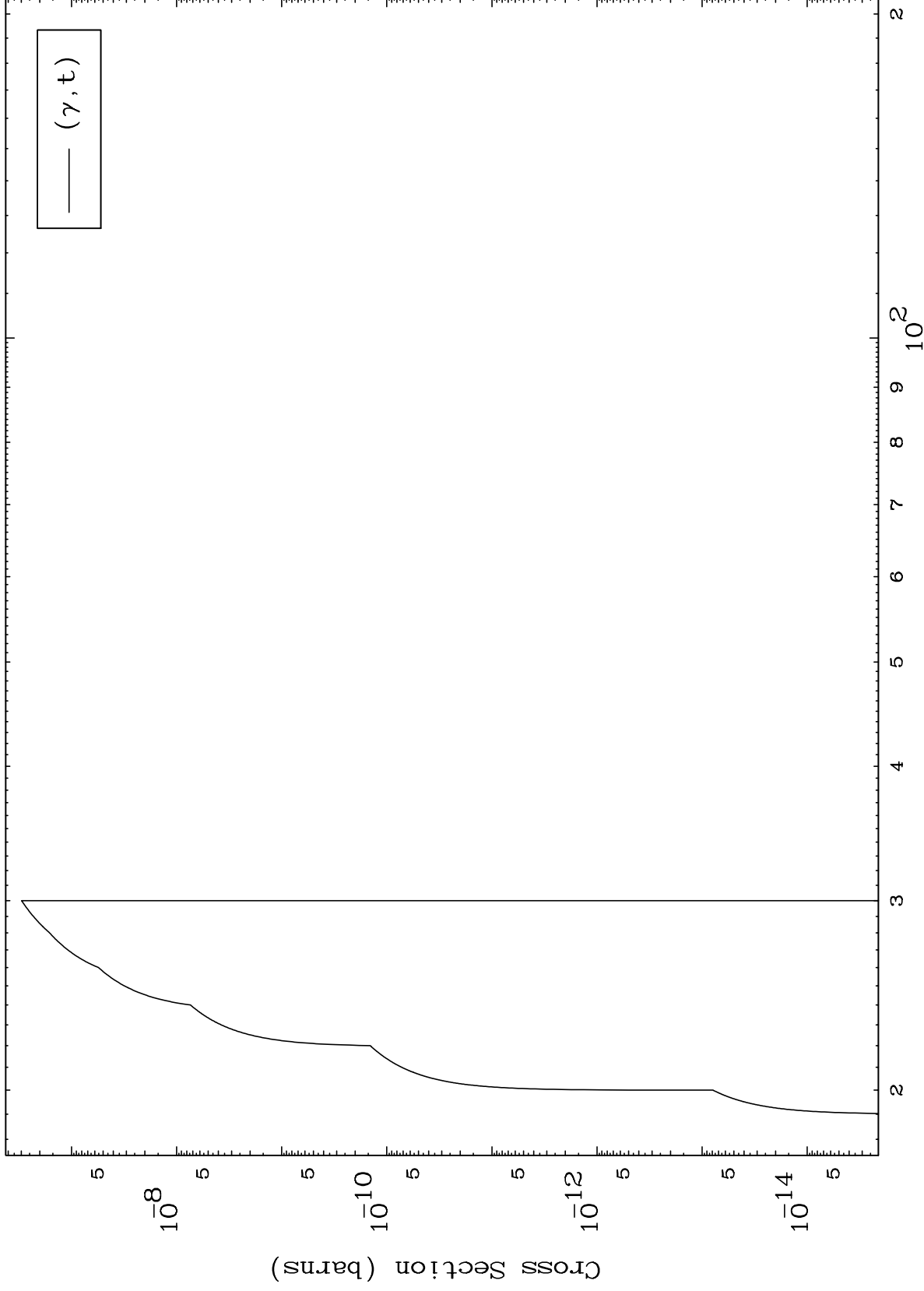
Incident Energy (MeV)

6

MAT 5047

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

50-Sn-119



7

Incident Energy (MeV)

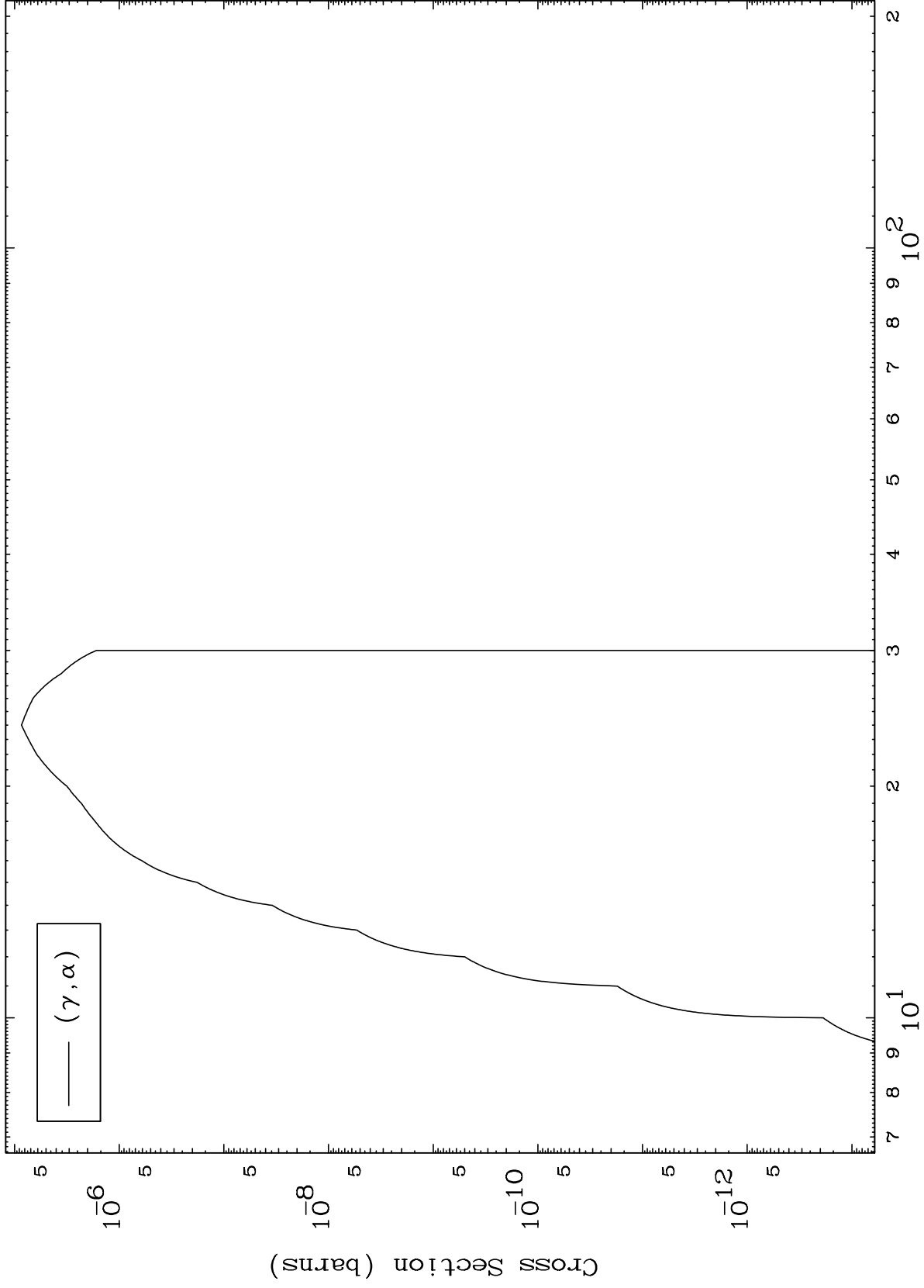
50-Sn-119



MAT 5047

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

50-Sn-119



8

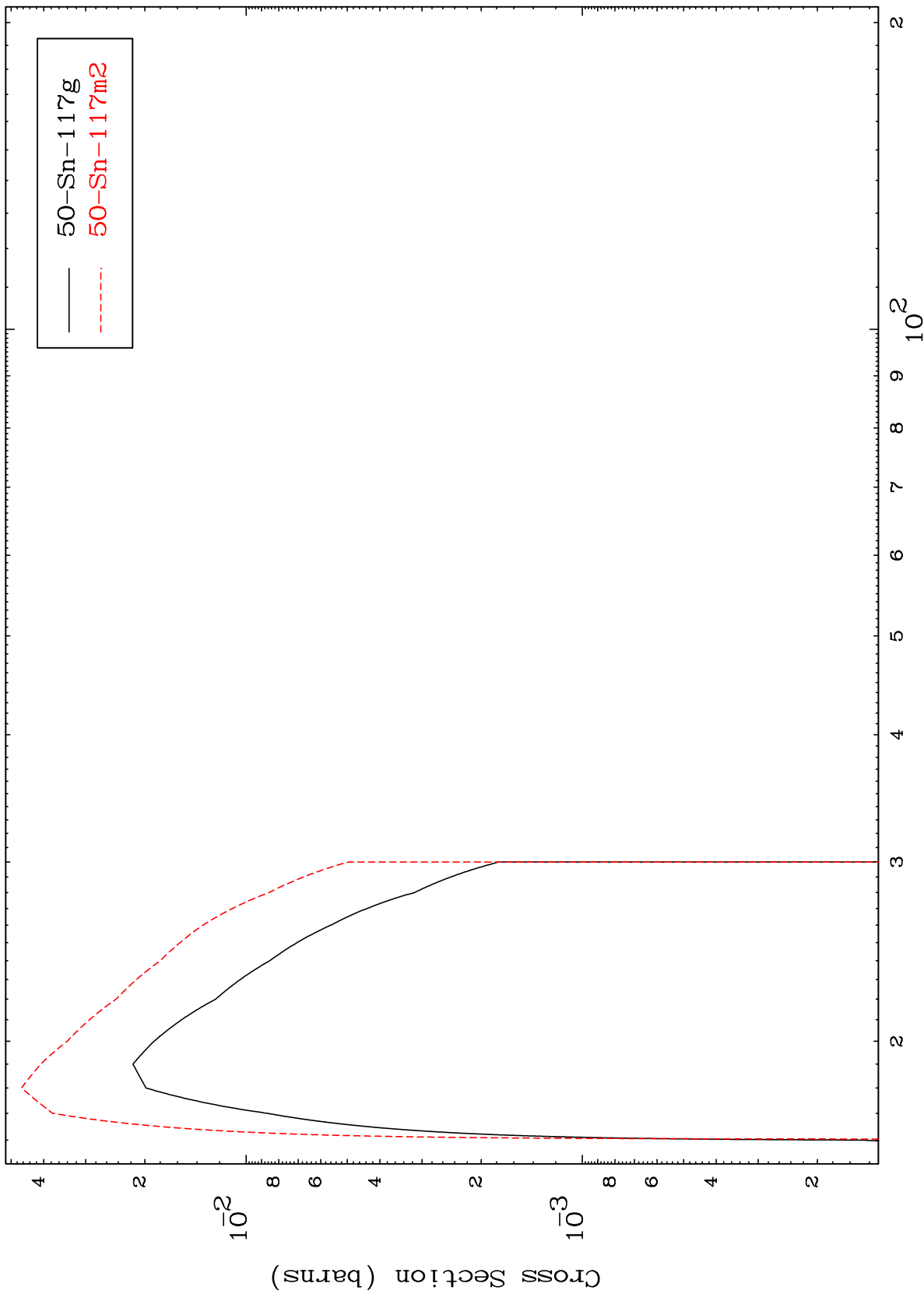
Incident Energy (MeV)

50-Sn-119

MAT 5047

50-Sn-119

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



9

Incident Energy (MeV)

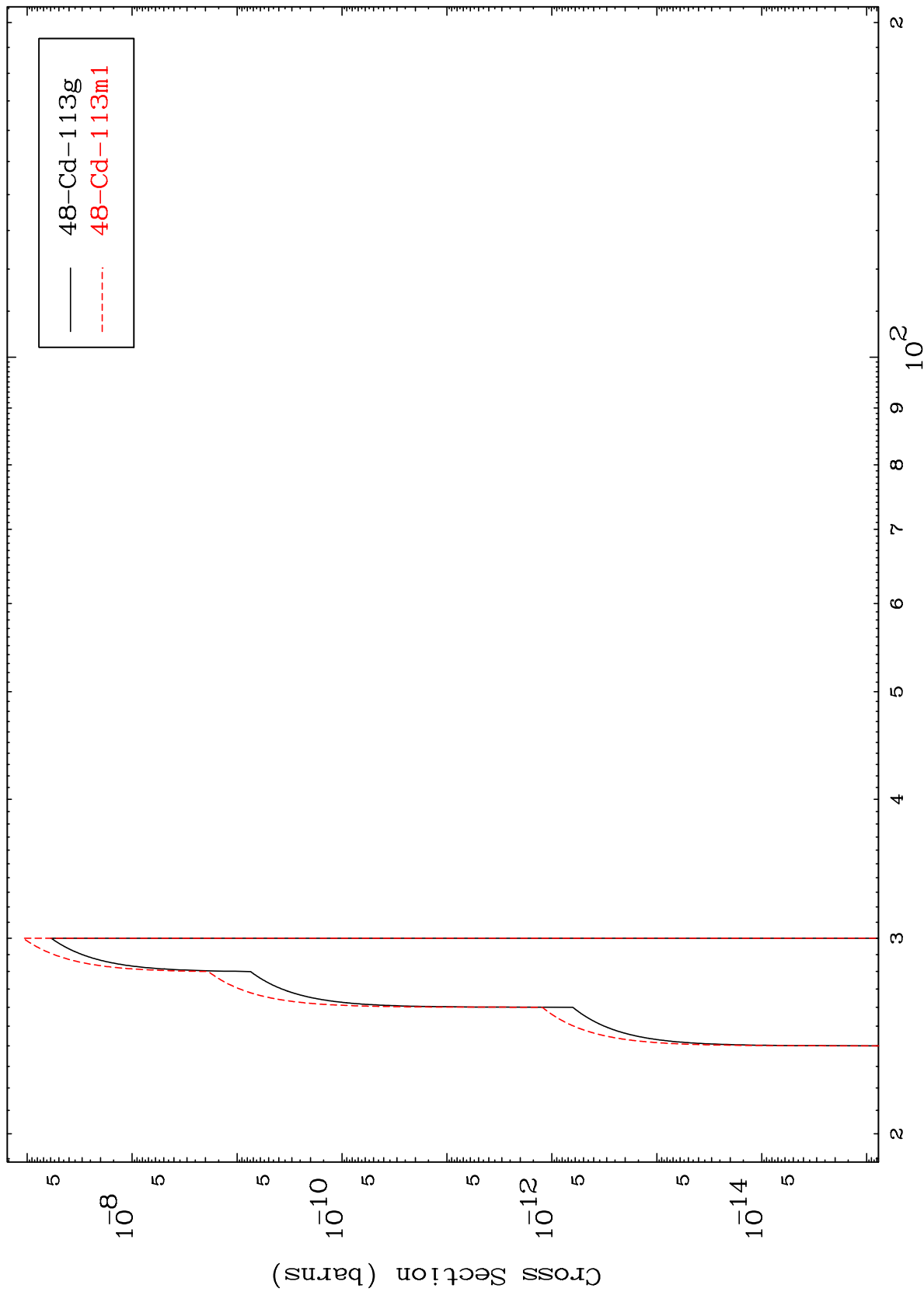
50-Sn-119

MAT 5047

50-Sn-119

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section



50-Sn-119

Incident Energy (MeV)

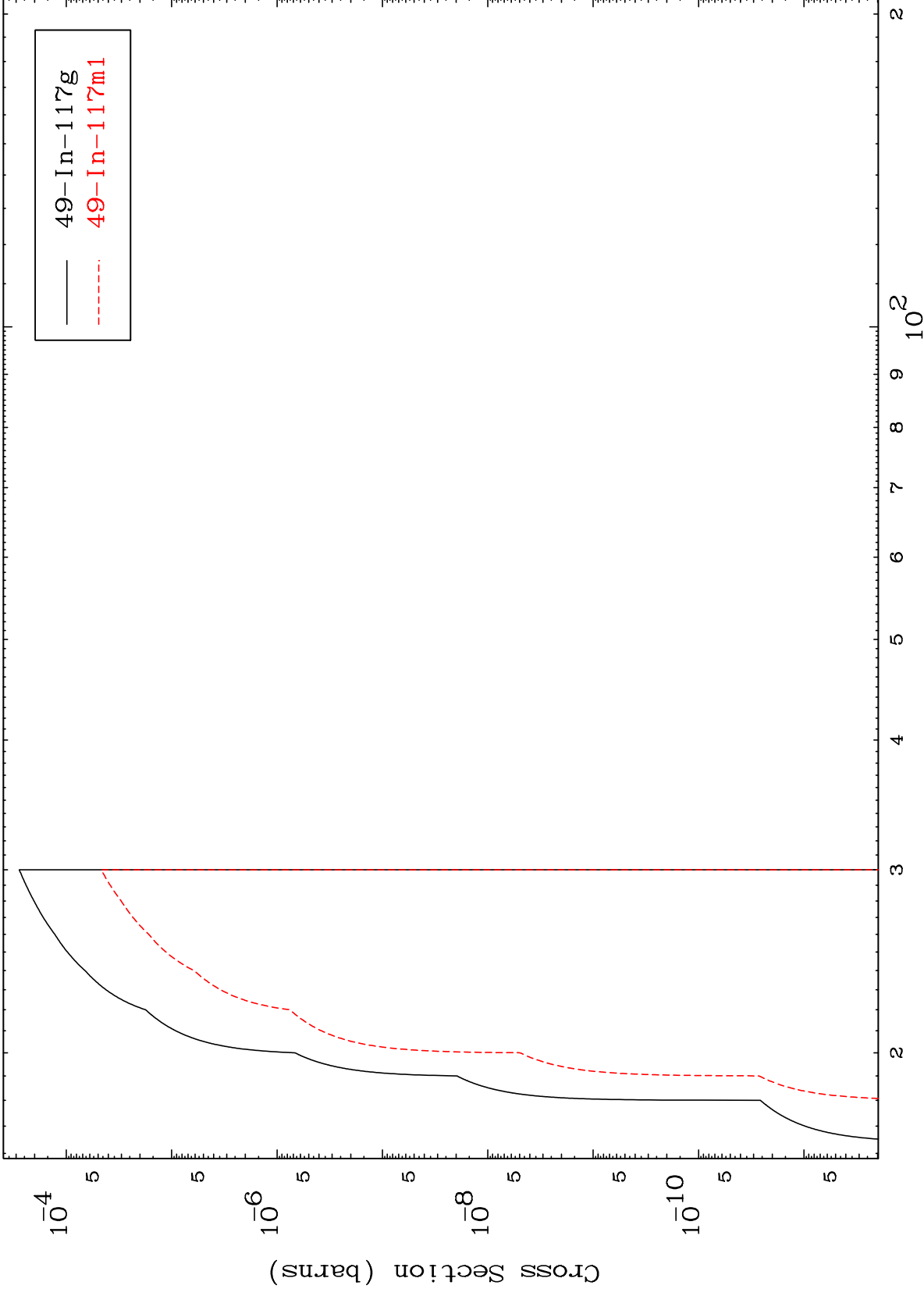
10

MAT 5047

( $\gamma, n'$ ) p

50-Sn-119

Radionuclide Production Cross Section



49-In-117g  
49-In-117m1

11

Incident Energy (MeV)

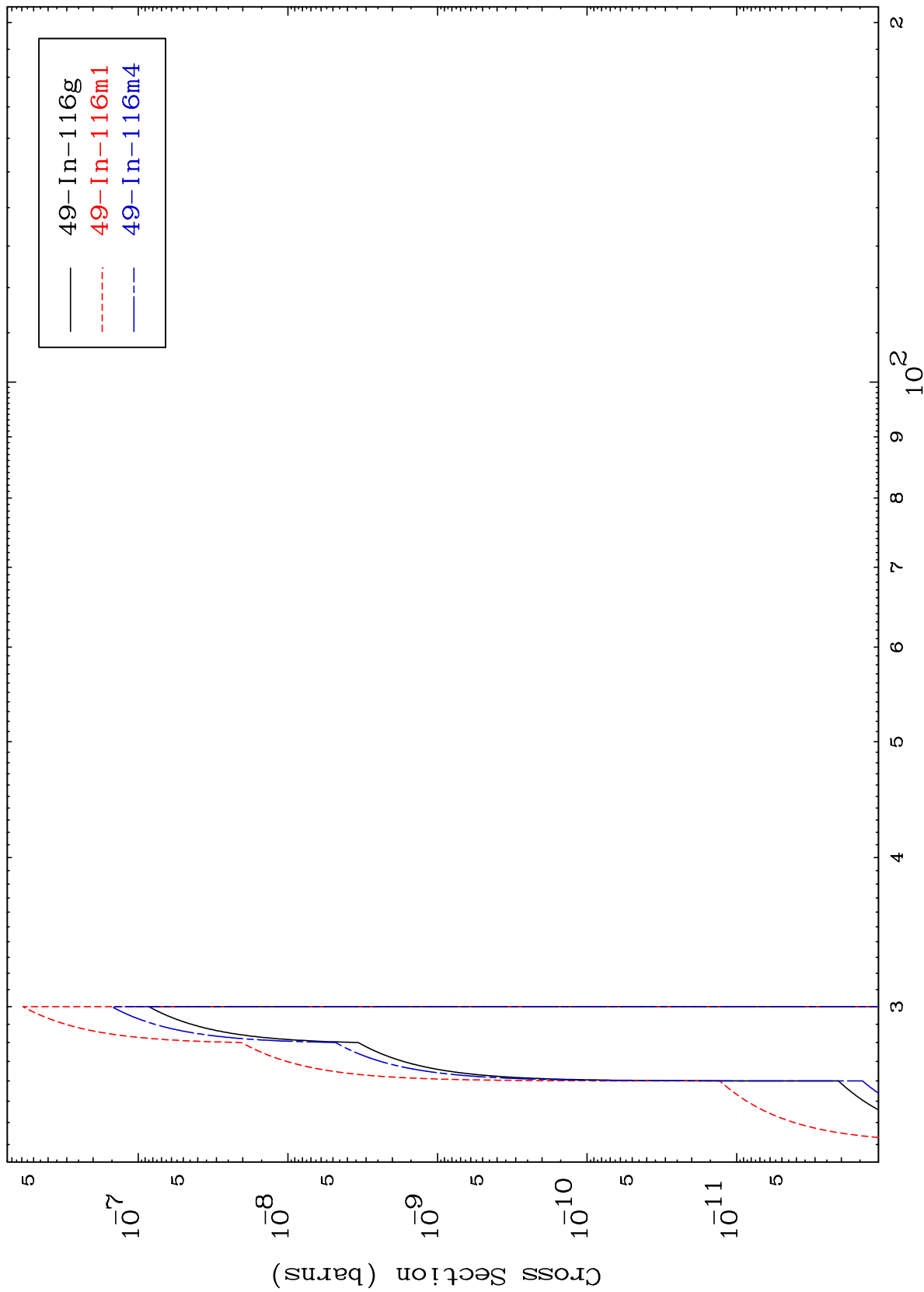
50-Sn-119

MAT 5047

( $\gamma, n'$ ) d

50-Sn-119

Radionuclide Production Cross Section



12

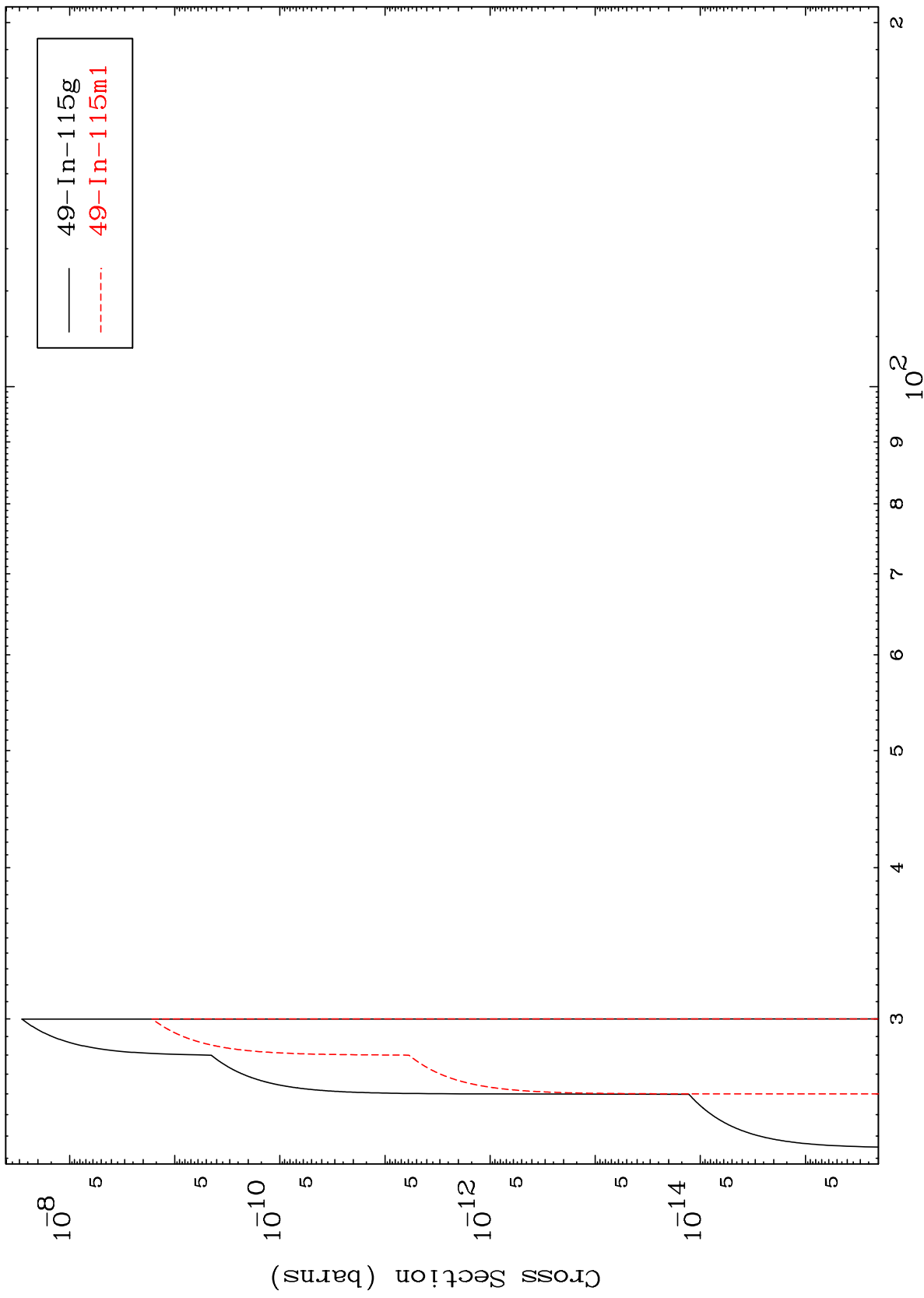
Incident Energy (MeV)

50-Sn-119

MAT 5047

50-Sn-119

$(\gamma, n')$  t  
Radionuclide Production Cross Section



50-Sn-119

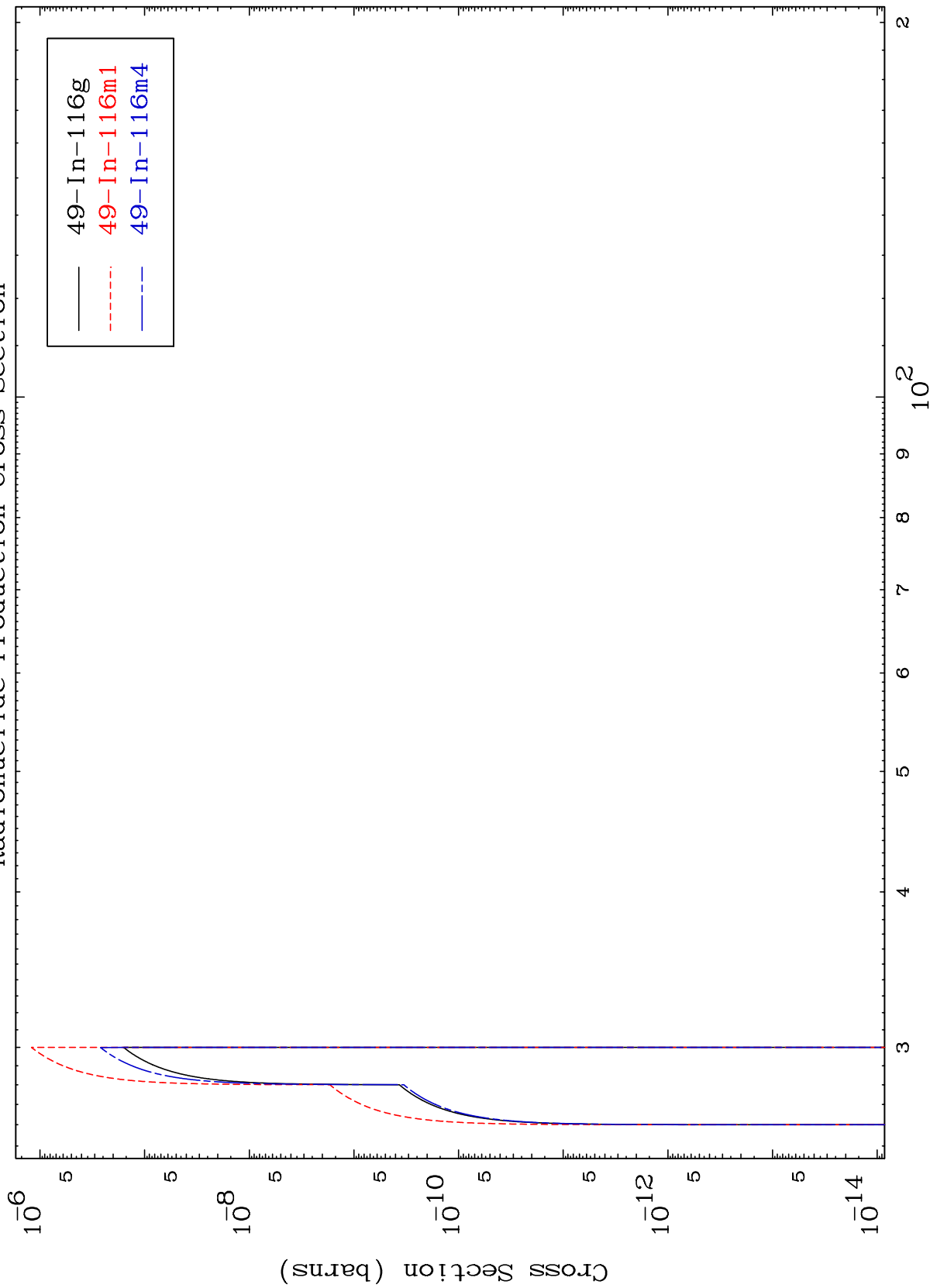
Incident Energy (MeV)

13

MAT 5047

50-Sn-119

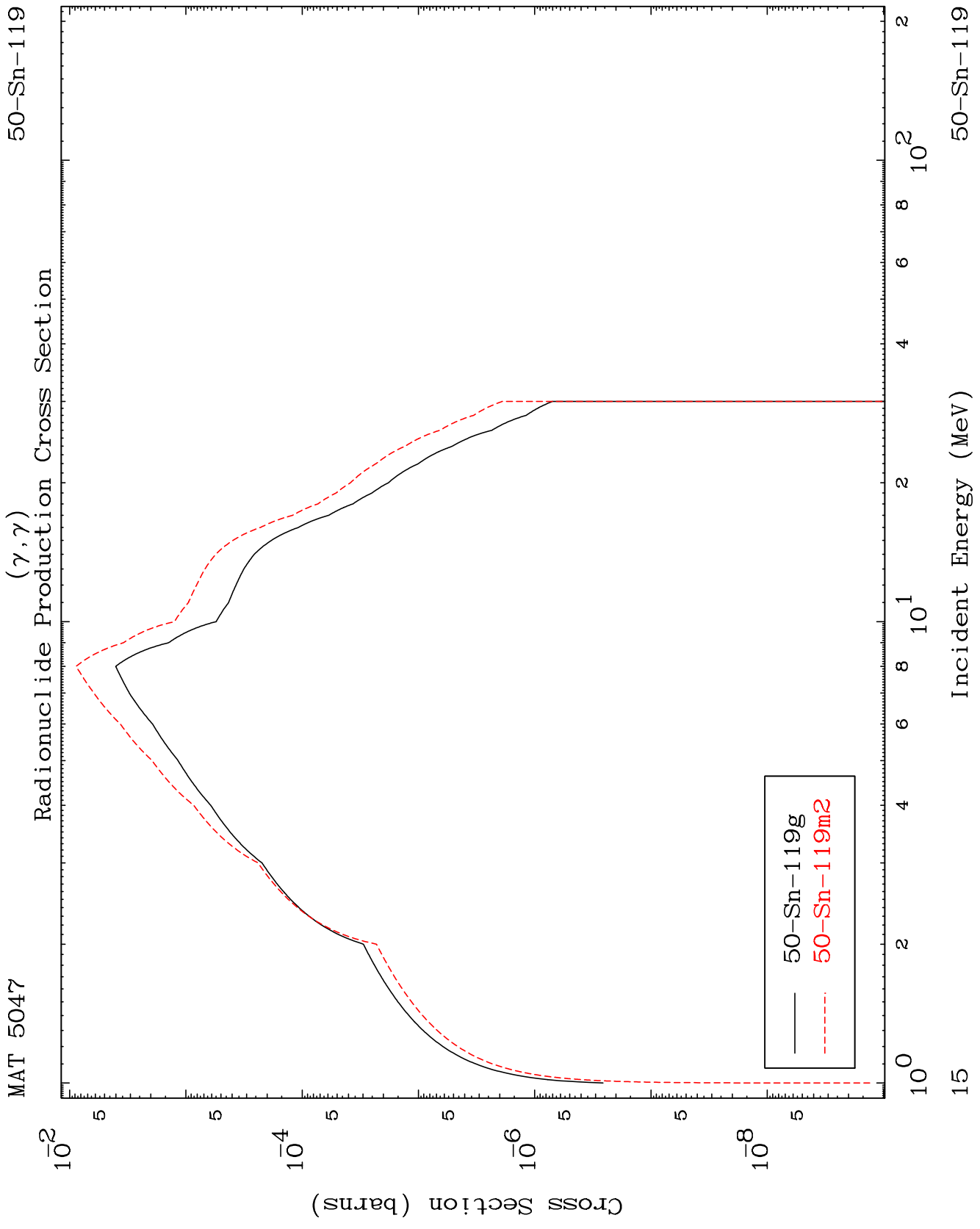
$(\gamma, 2n)$  p  
Radionuclide Production Cross Section



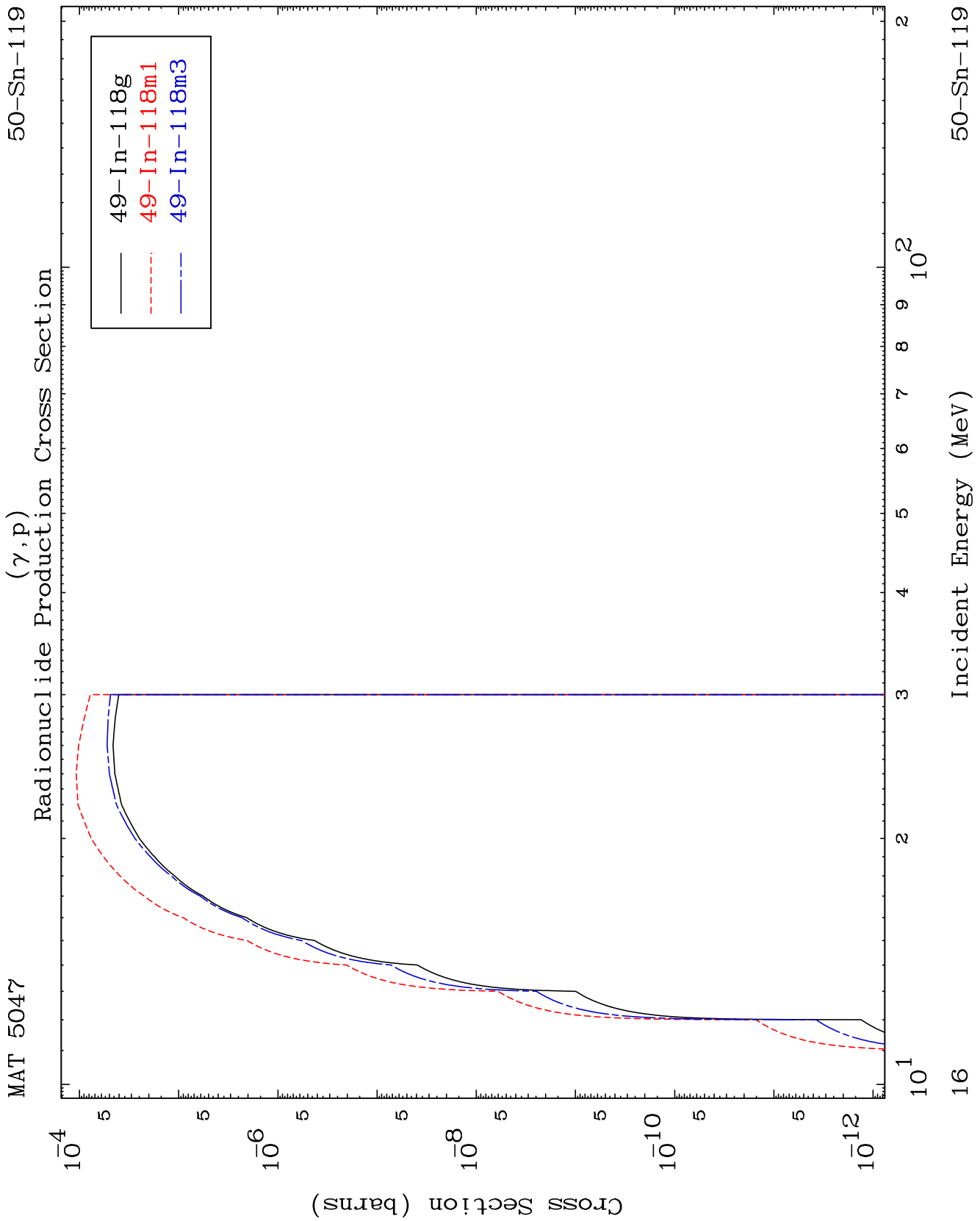
14

Incident Energy (MeV)

50-Sn-119



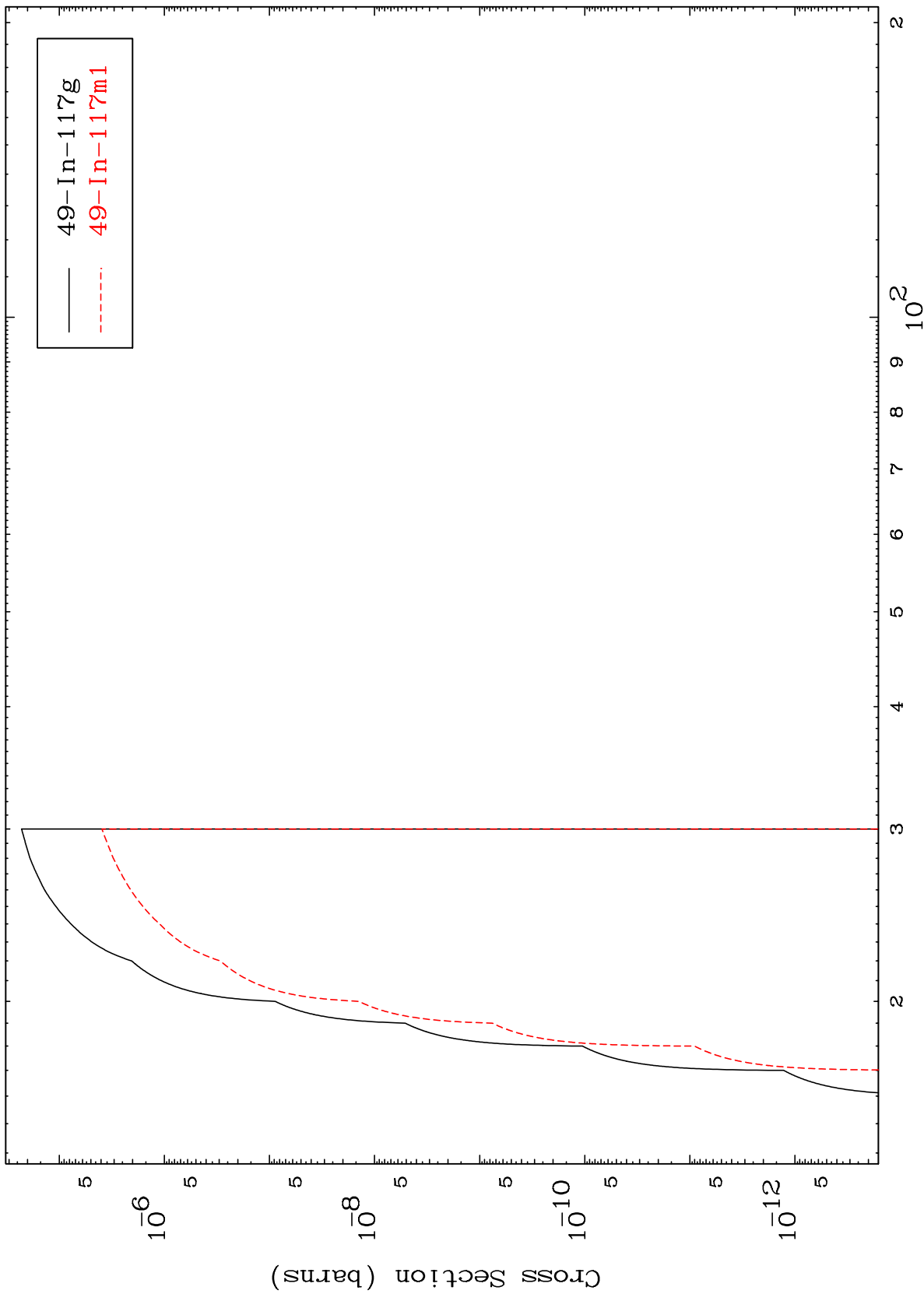




MAT 5047

50-Sn-119

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

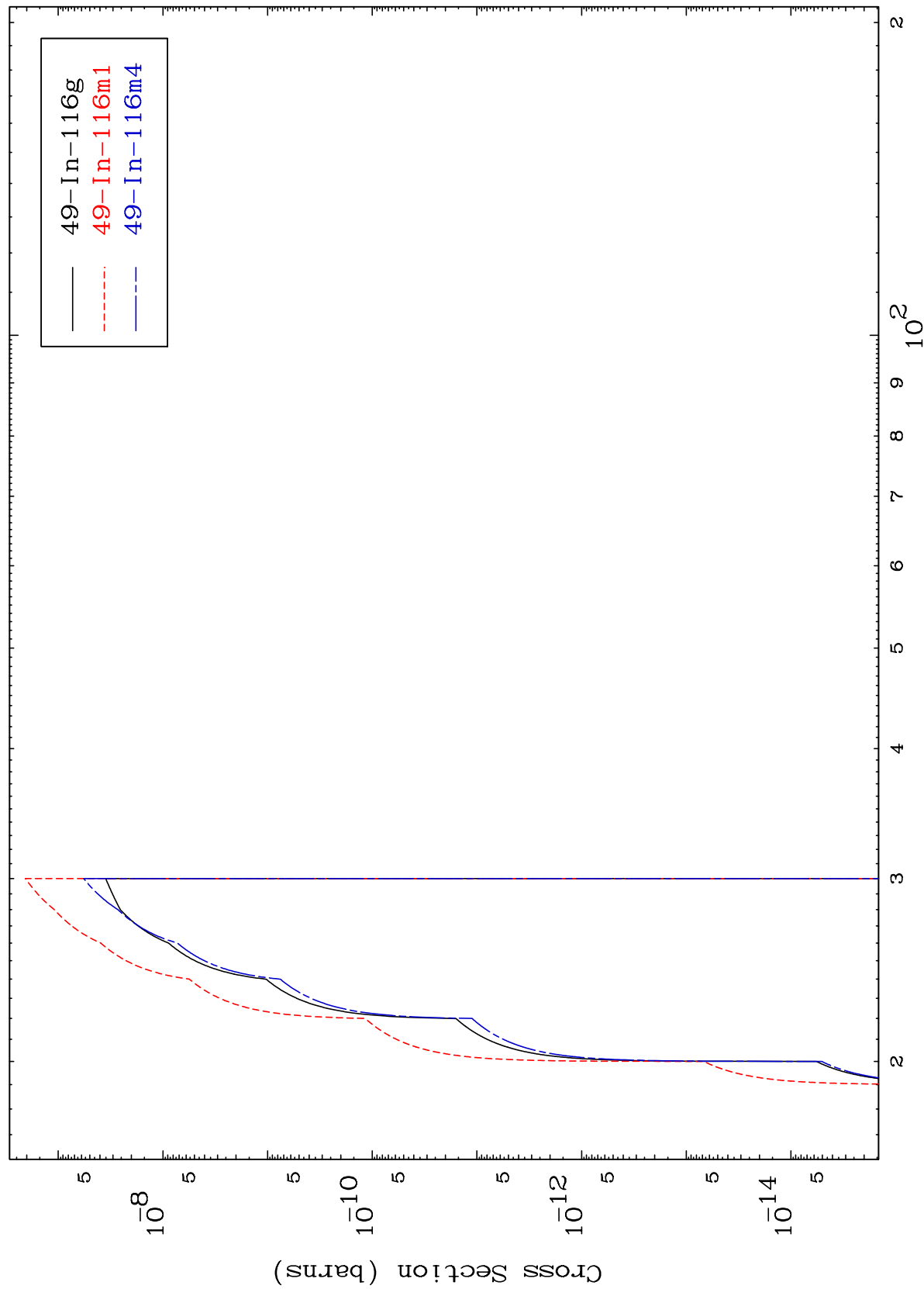


17

50-Sn-119

Incident Energy (MeV)

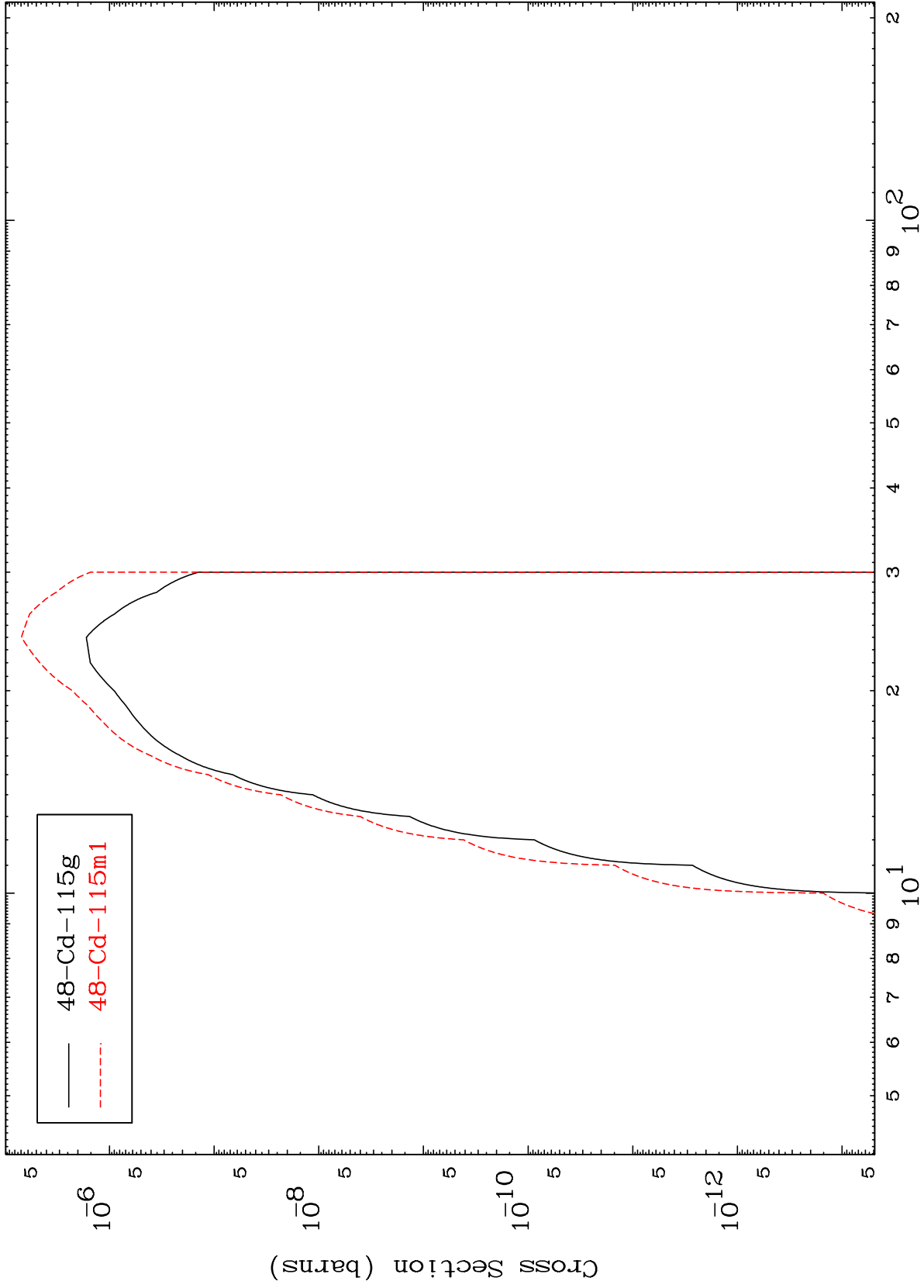
( $\gamma, t$ )  
Radionuclide Production Cross Section



MAT 5047

50-Sn-119

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



19

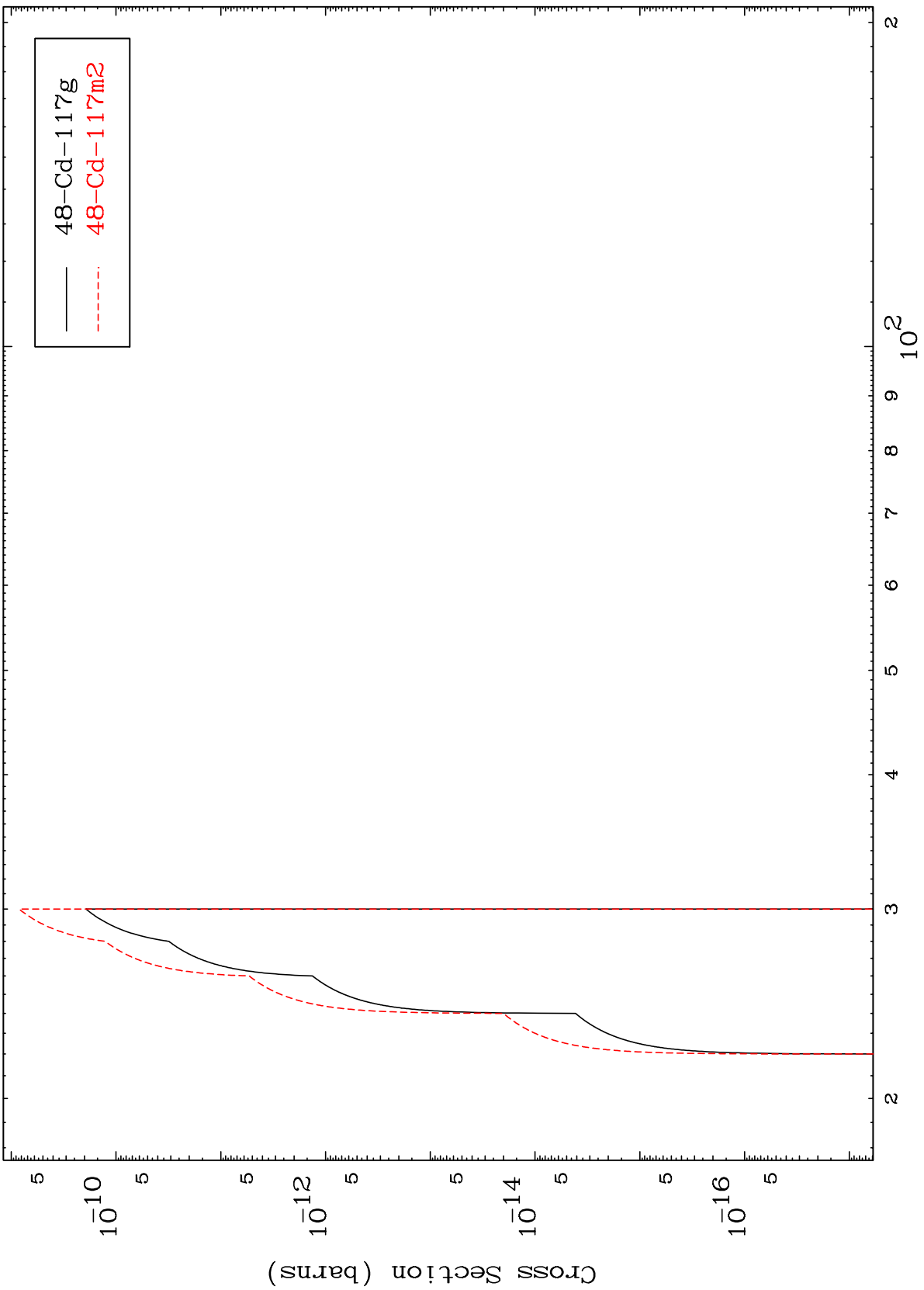
Incident Energy (MeV)

50-Sn-119

MAT 5047

50-Sn-119

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



20

Incident Energy (MeV)

50-Sn-119