

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

Web:redcullen1.net/HOMEPAGE.NEW

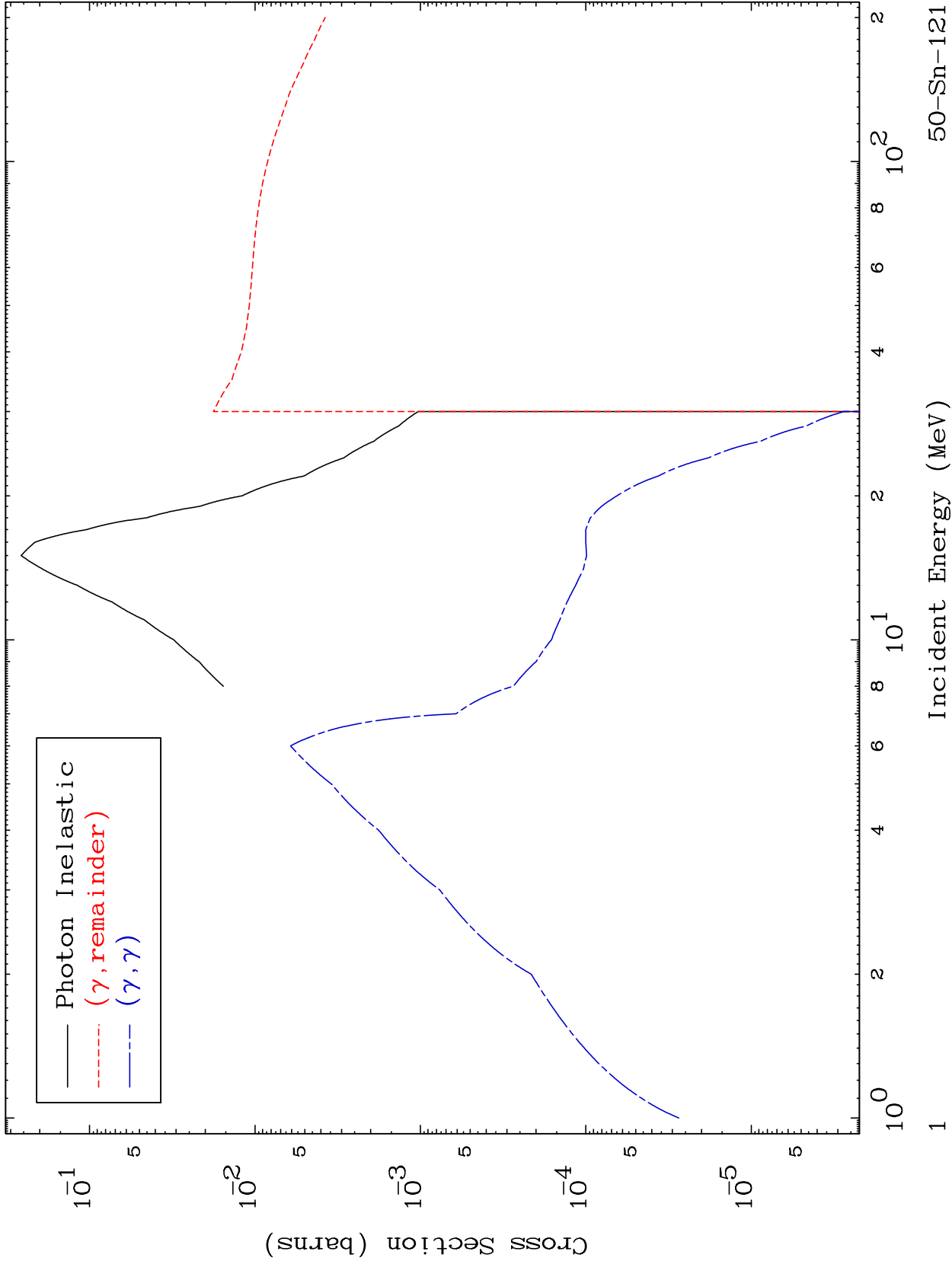
Press Mouse Button to Start

MAT 5052

Photon Major

50-Sn-121

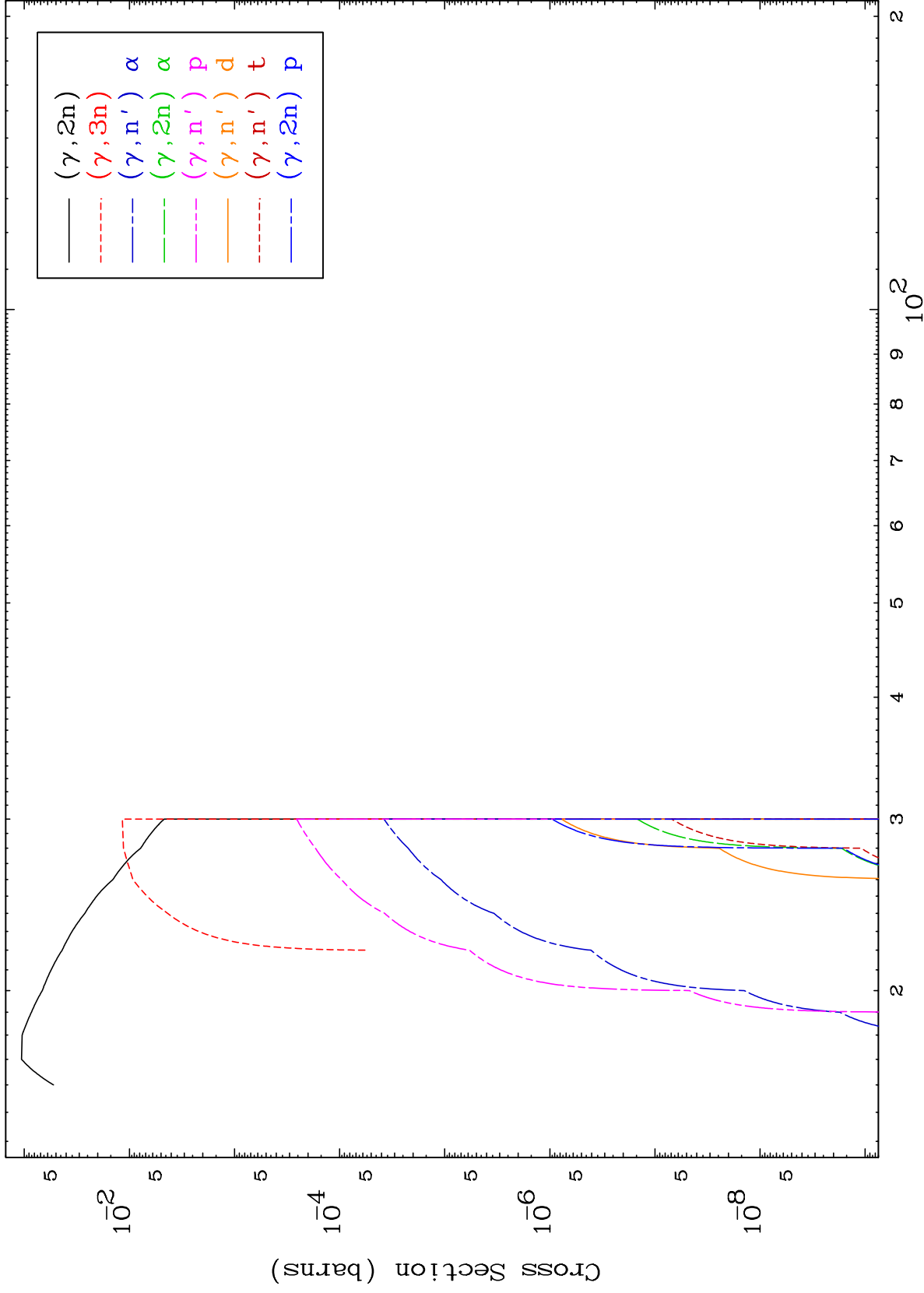
0 Kelvin Cross Sections

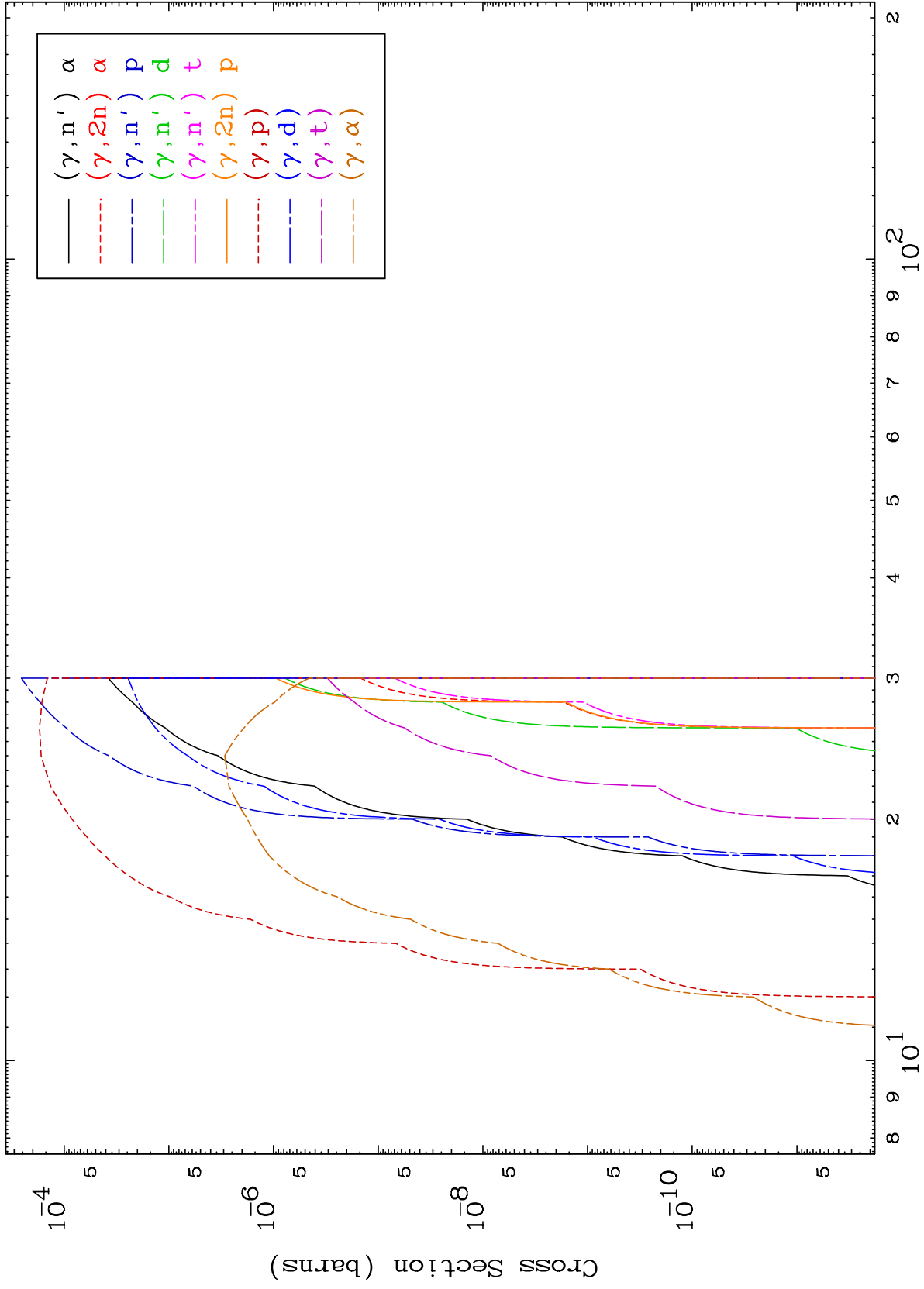


Legend:  
— Photon Inelastic  
- - - (γ, remainder)  
- · - (γ, γ)

Incident Energy (MeV)

50-Sn-121



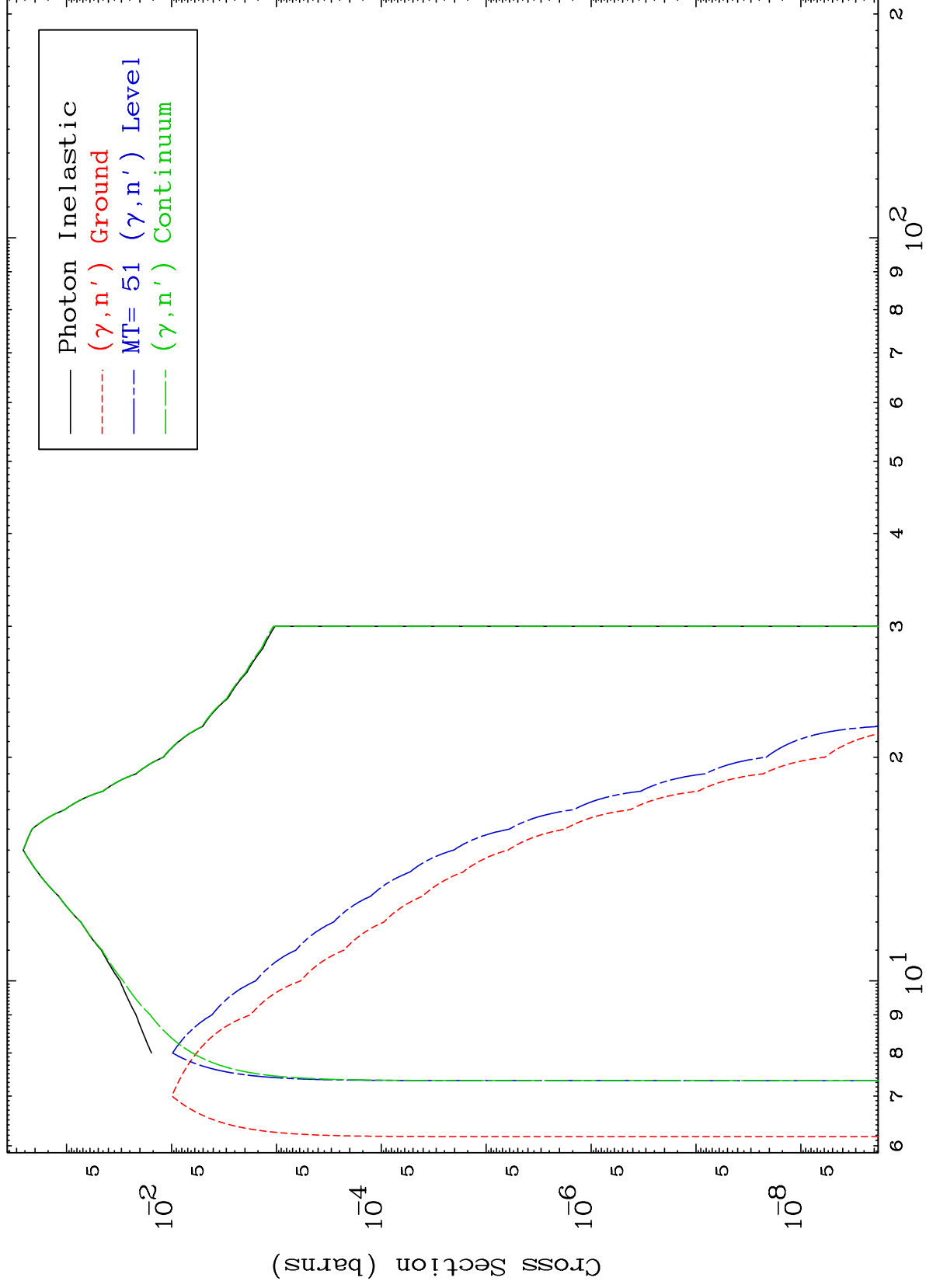


MAT 5052

$(\gamma, n')$  Level

50-Sn-121

0 Kelvin Cross Sections



Incident Energy (MeV)

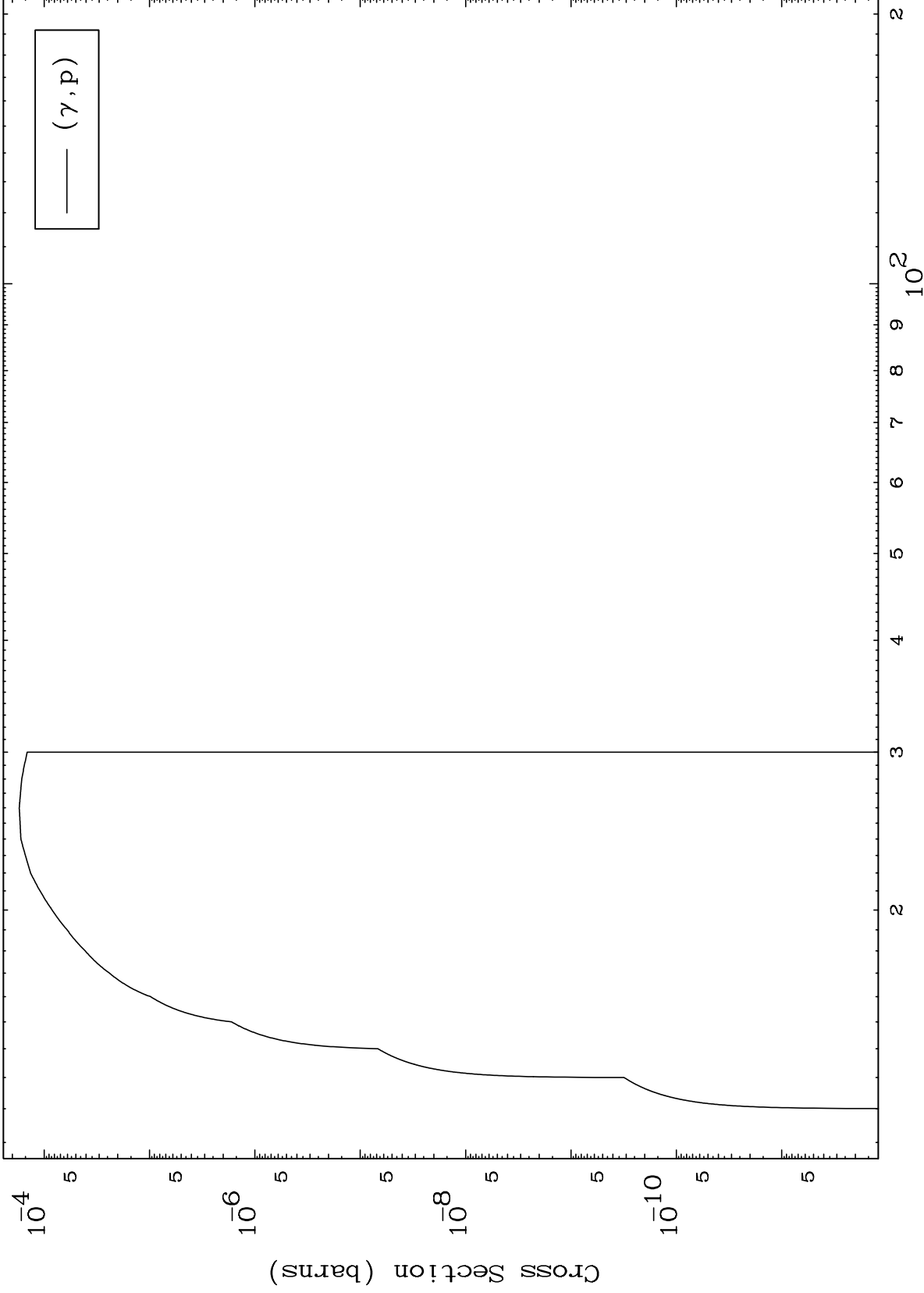
50-Sn-121

4

MAT 5052

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

50-Sn-121



5

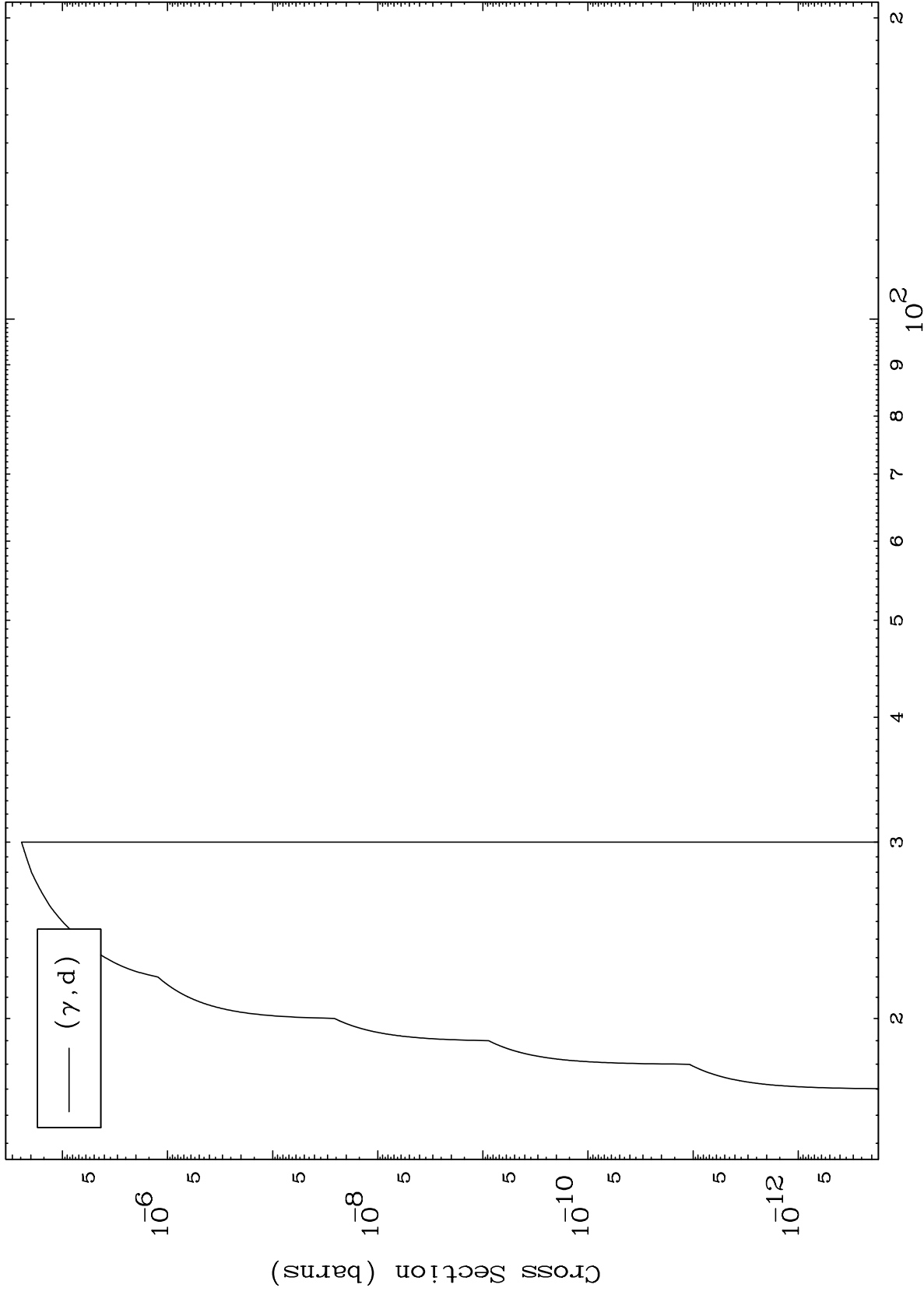
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

50-Sn-121



6

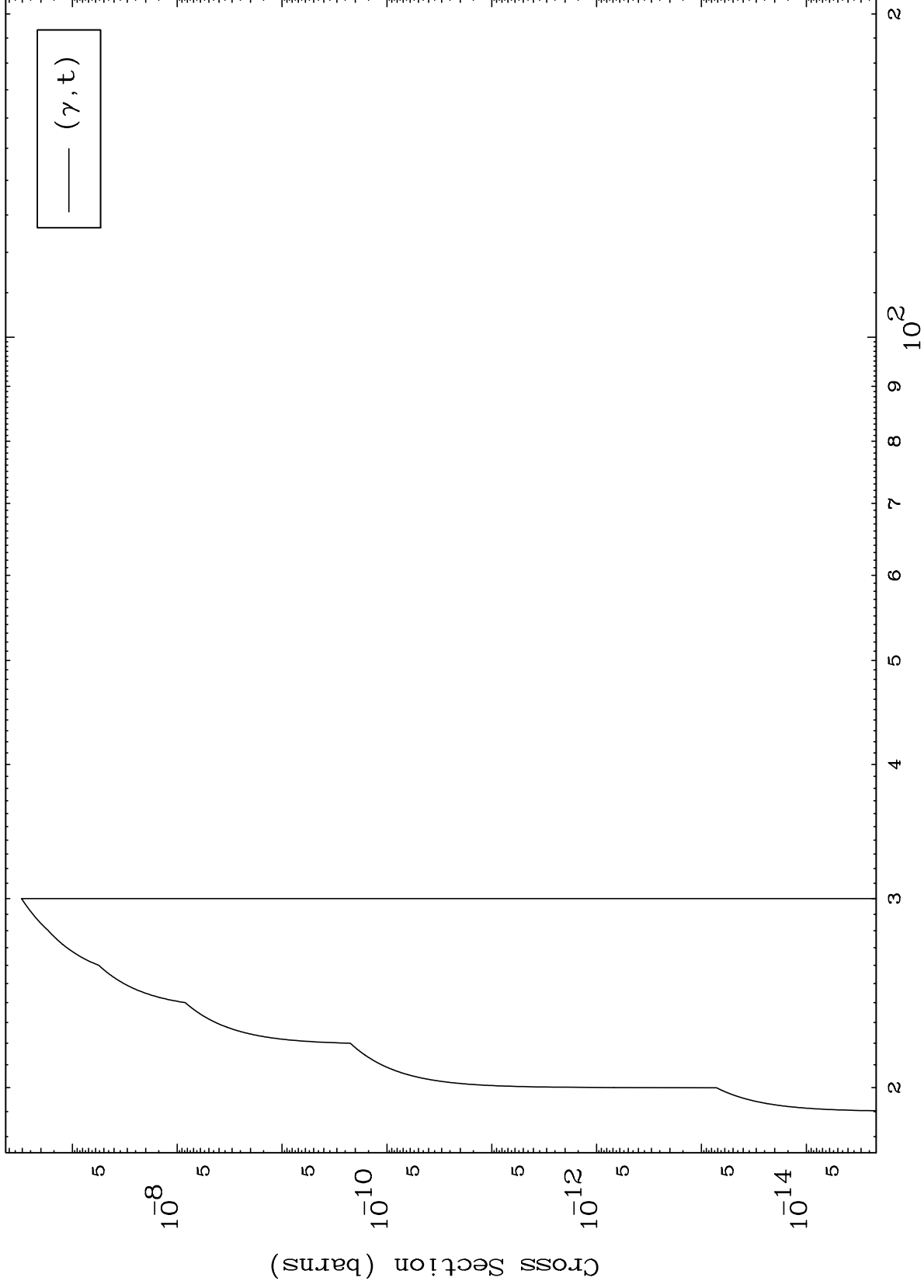
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

50-Sn-121



7

Incident Energy (MeV)

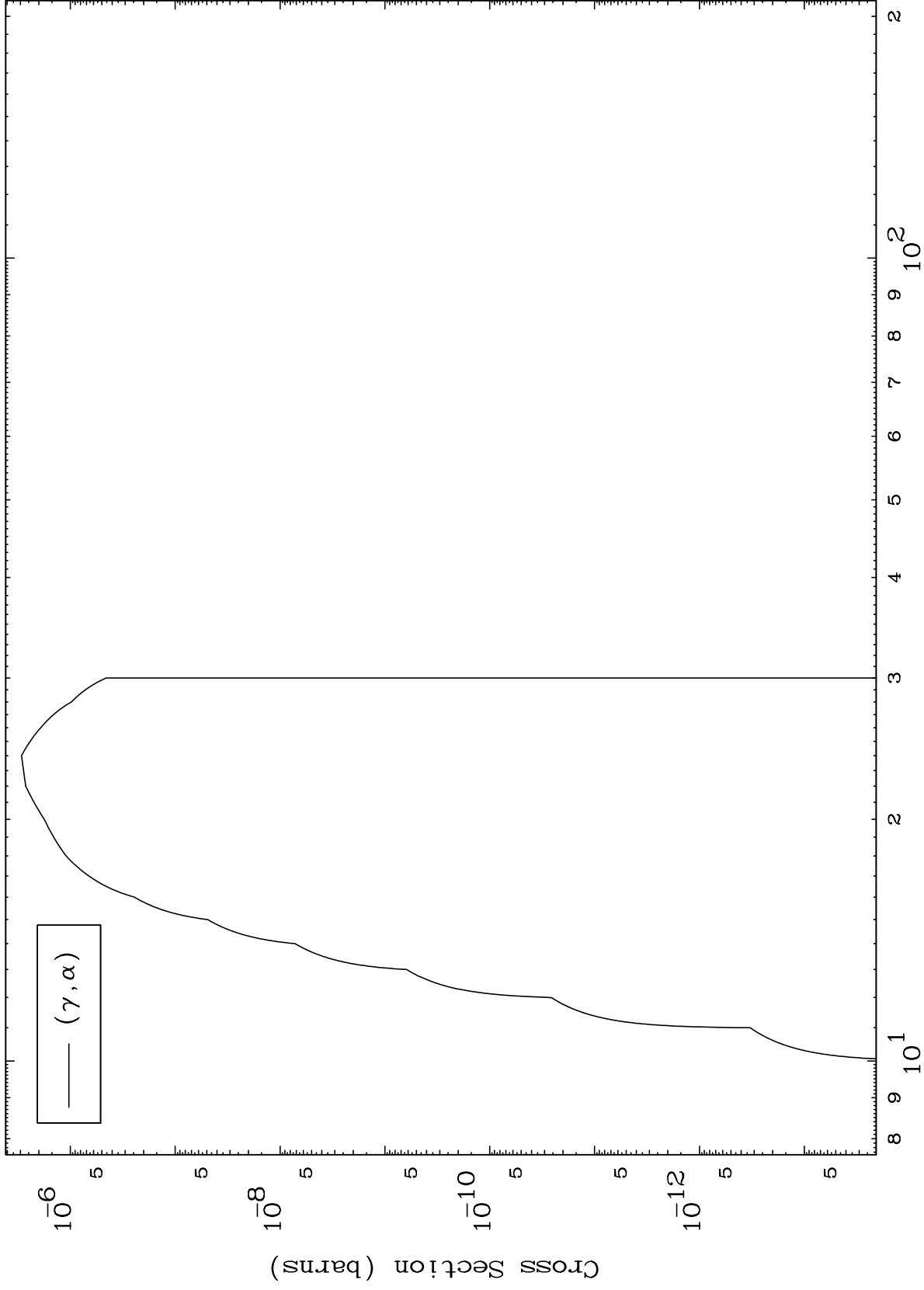
50-Sn-121



MAT 5052

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

50-Sn-121



8

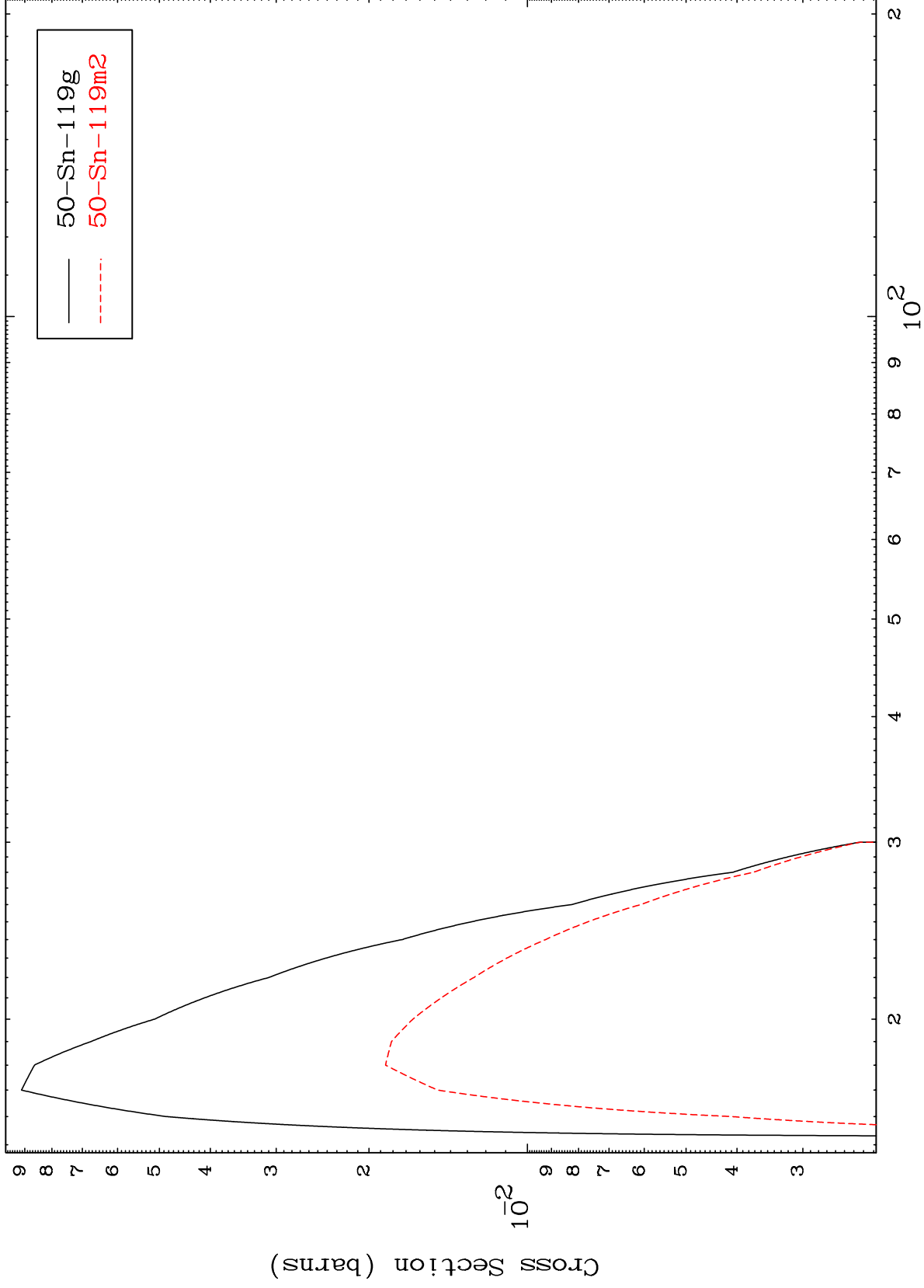
Incident Energy (MeV)

50-Sn-121

MAT 5052

50-Sn-121

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



50-Sn-121

Incident Energy (MeV)

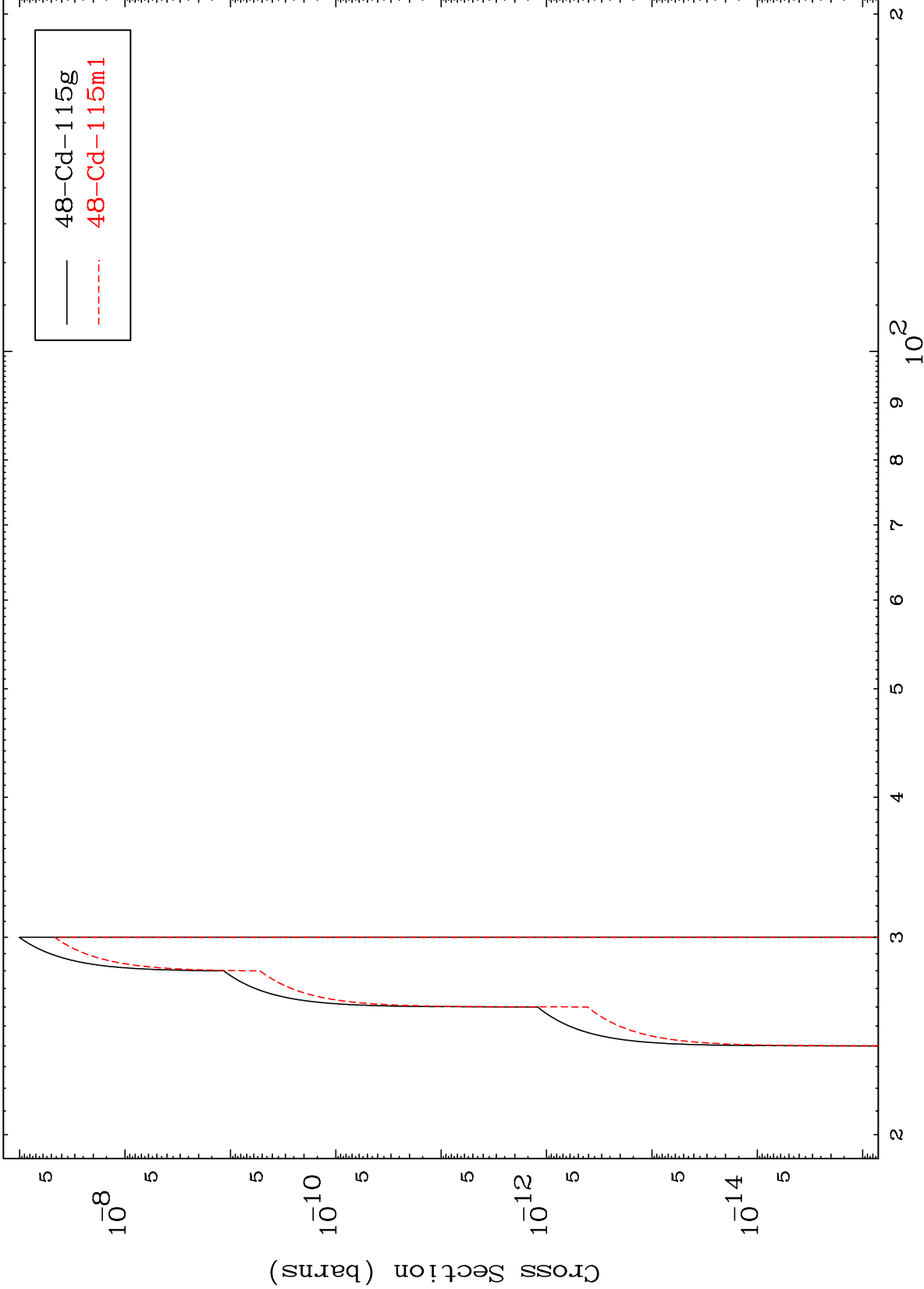
9

MAT 5052

$(\gamma, 2n) \alpha$

50-Sn-121

Radionuclide Production Cross Section

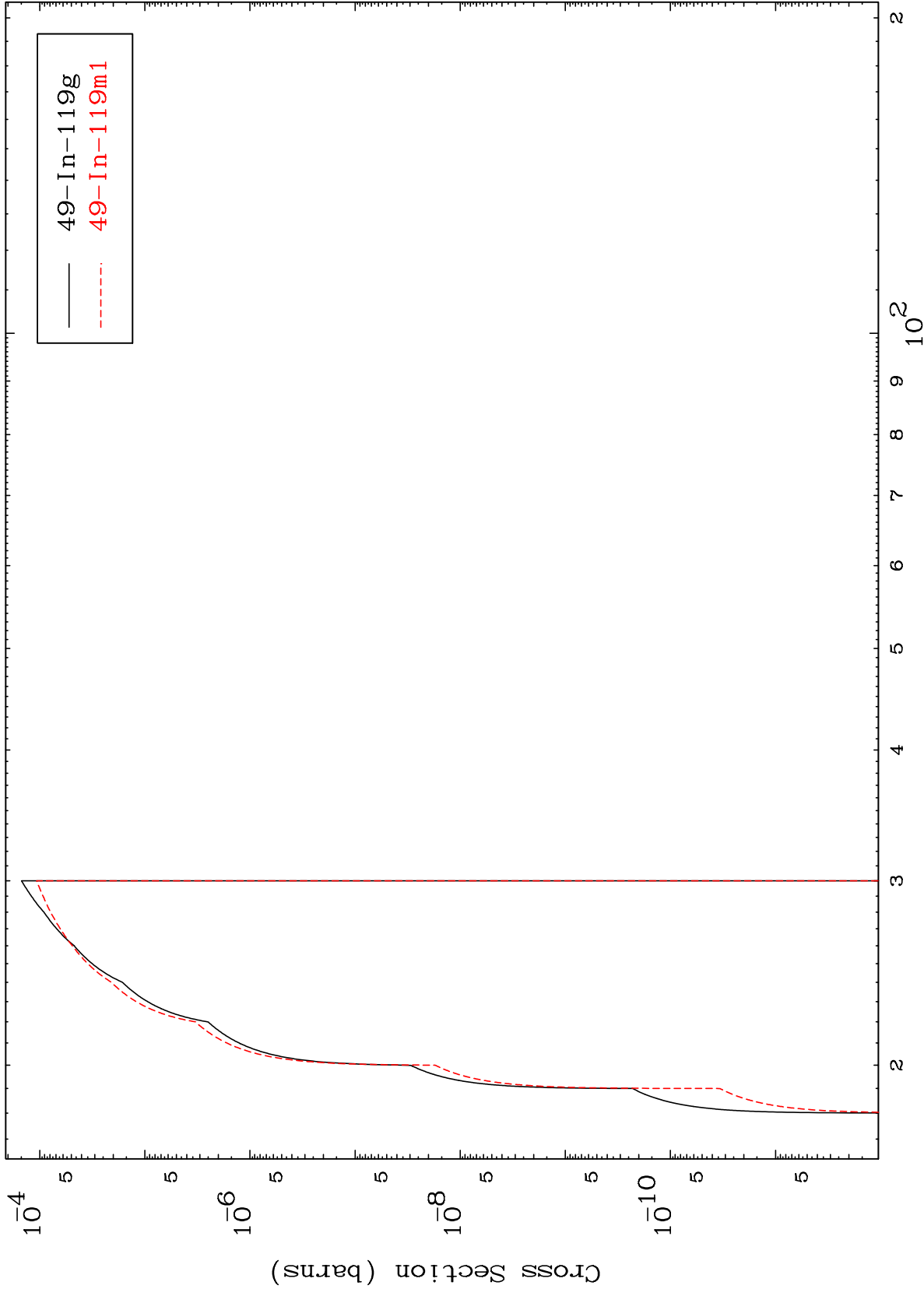


10

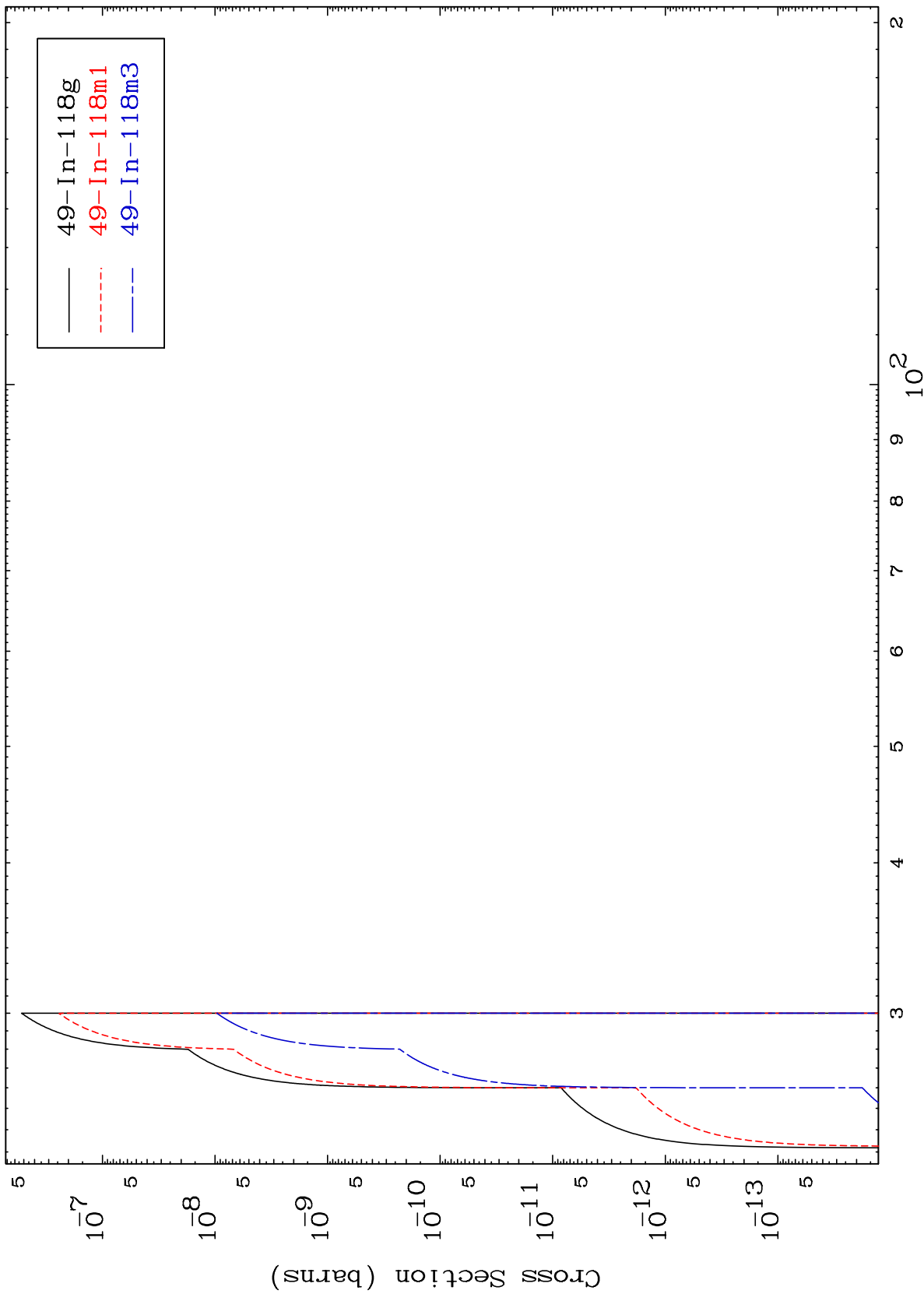
Incident Energy (MeV)

50-Sn-121

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



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

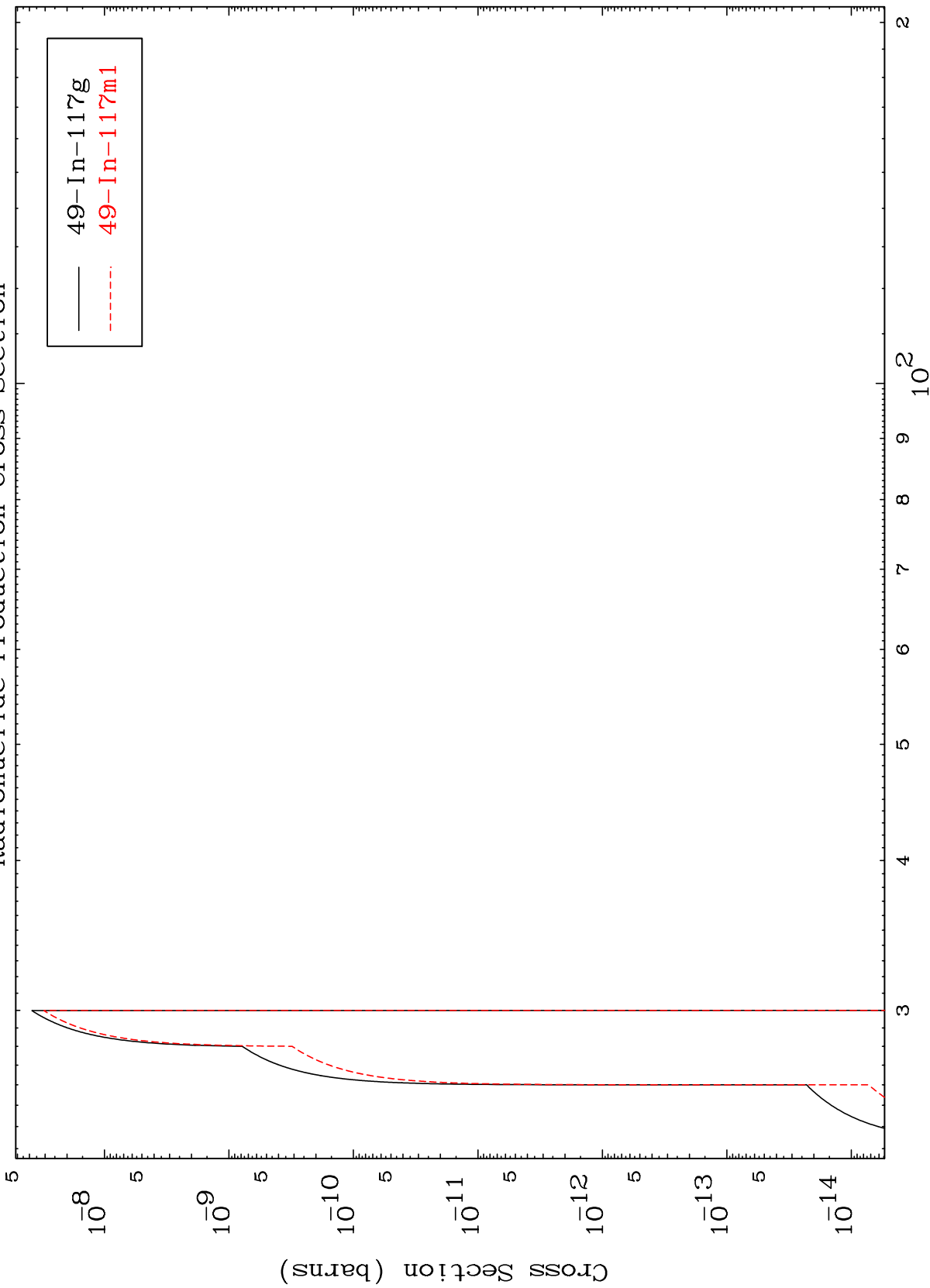


MAT 5052

( $\gamma, n'$ ) t

50-Sn-121

Radionuclide Production Cross Section

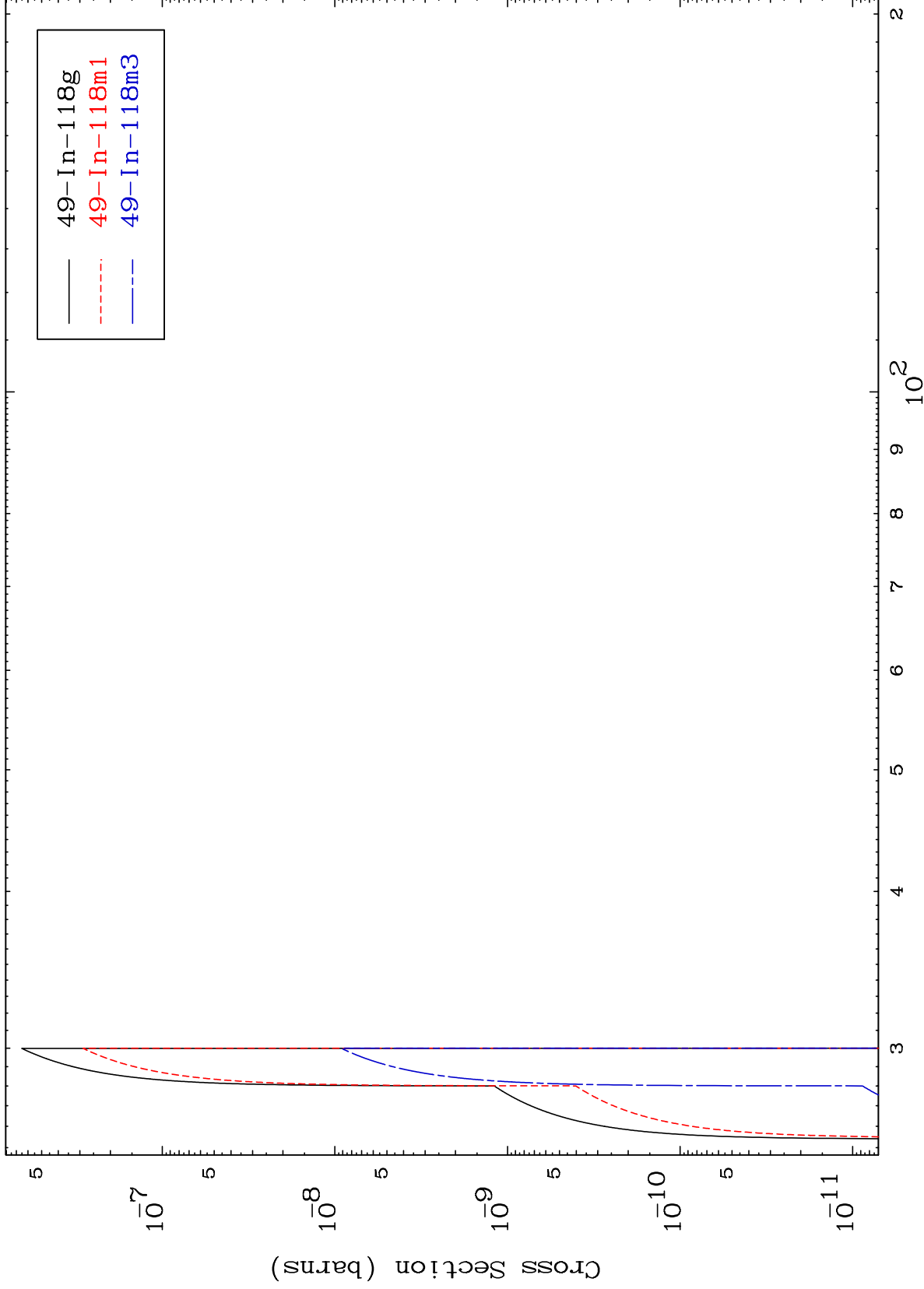


13

Incident Energy (MeV)

50-Sn-121

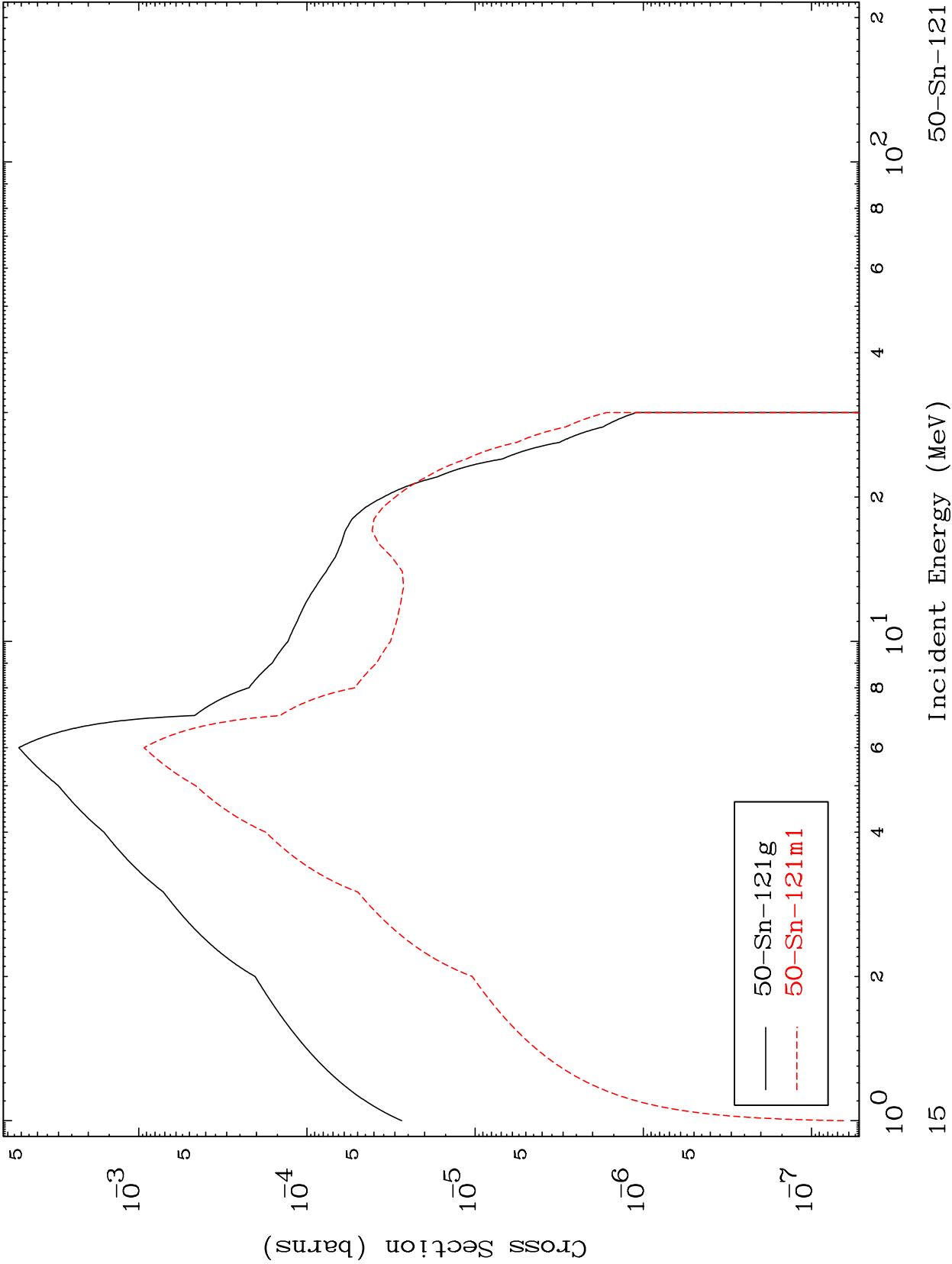
Radionuclide Production Cross Section



MAT 5052

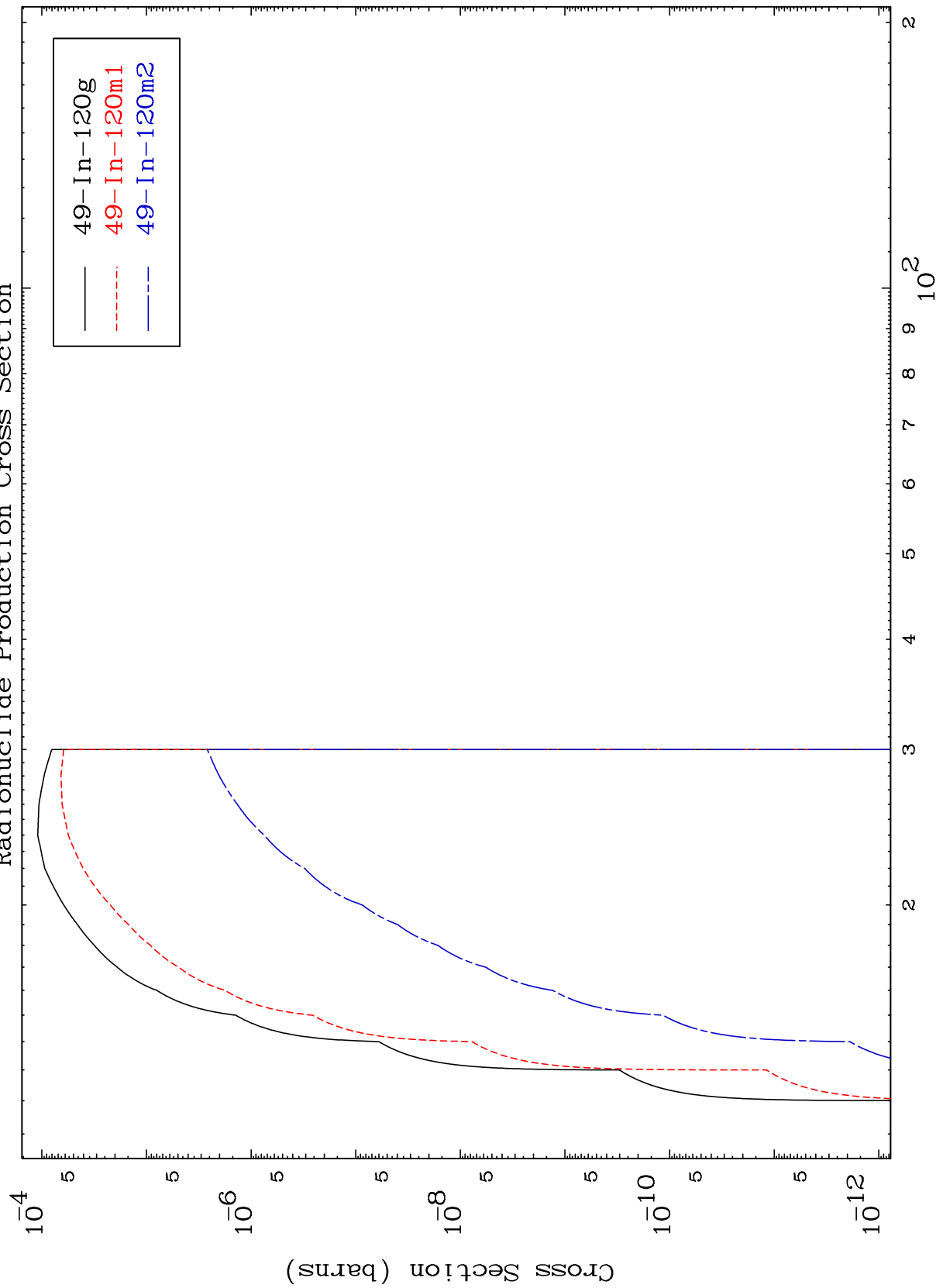
50-Sn-121

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





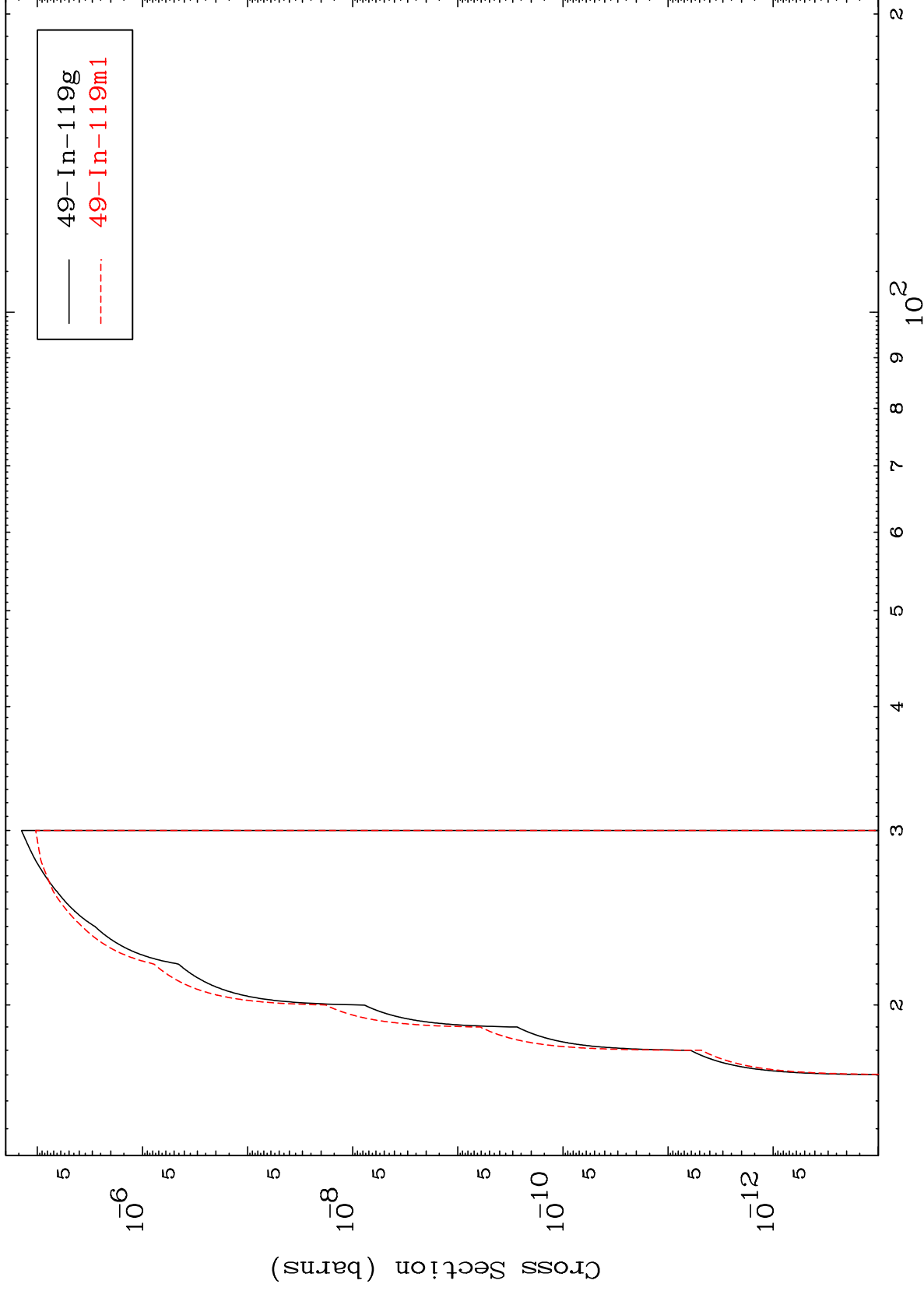
( $\gamma, p$ )  
Radionuclide Production Cross Section



MAT 5052

50-Sn-121

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



17

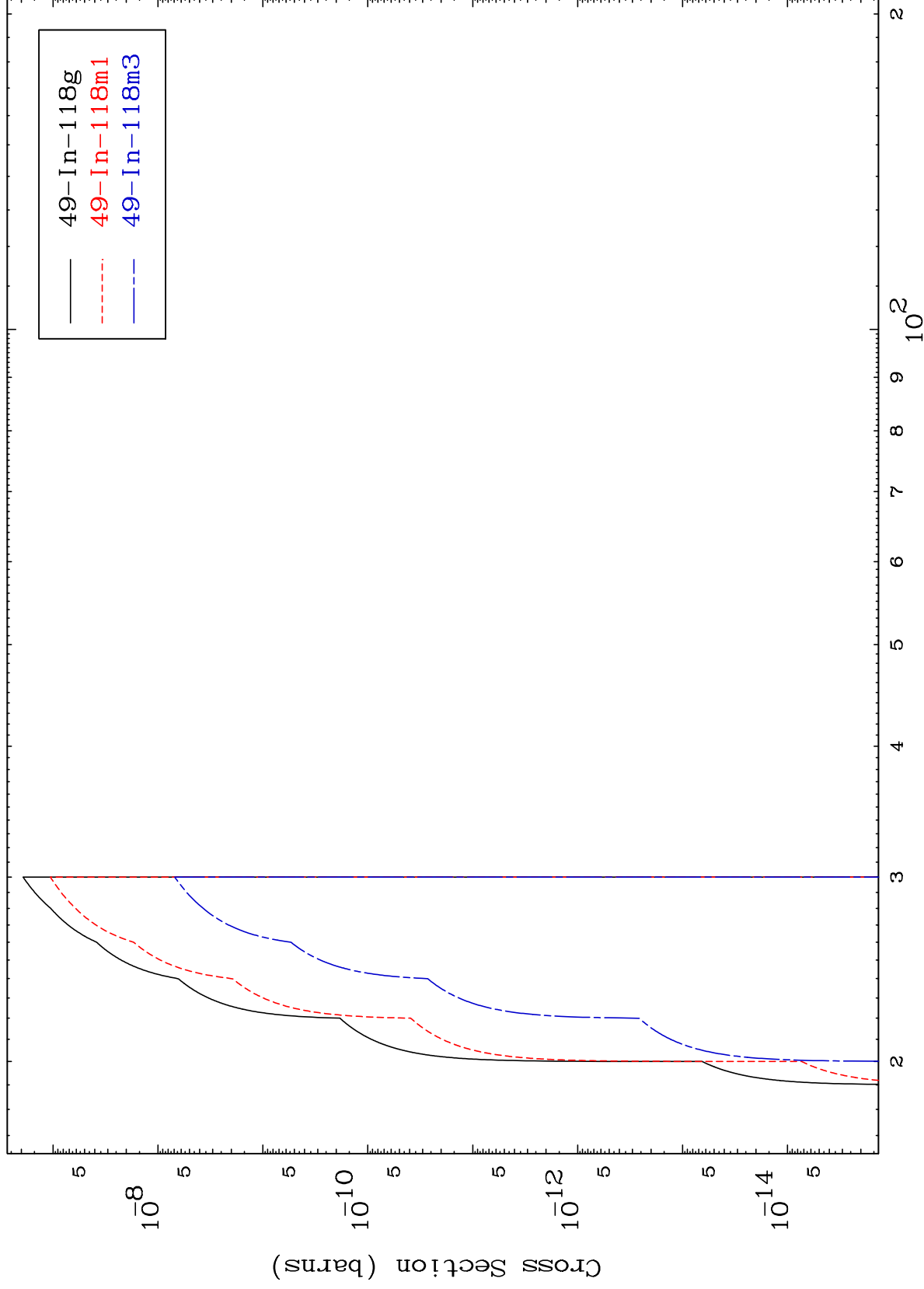
50-Sn-121

Incident Energy (MeV)

MAT 5052

50-Sn-121

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



18

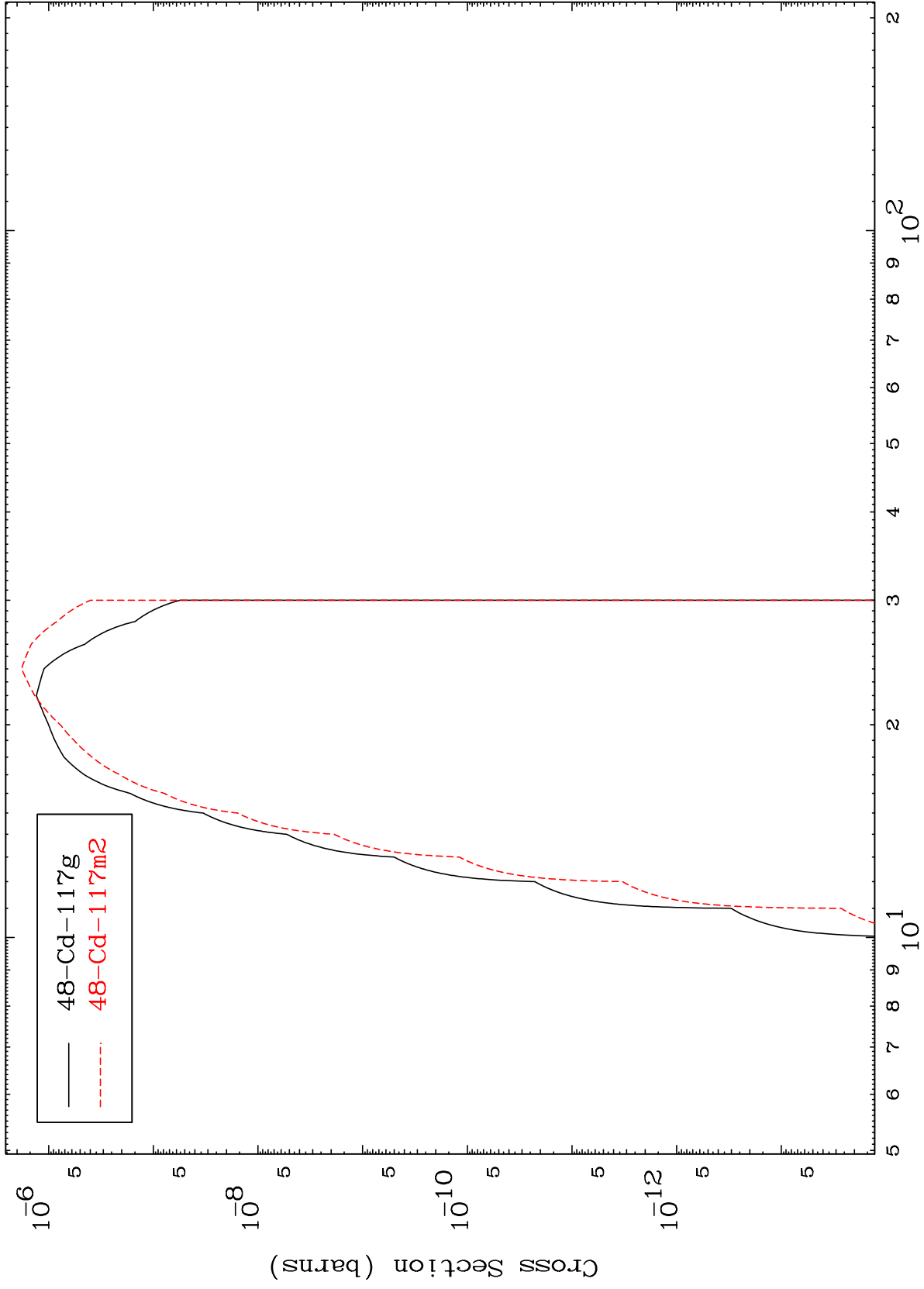
Incident Energy (MeV)

50-Sn-121

MAT 5052

50-Sn-121

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



19

Incident Energy (MeV)

50-Sn-121