

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

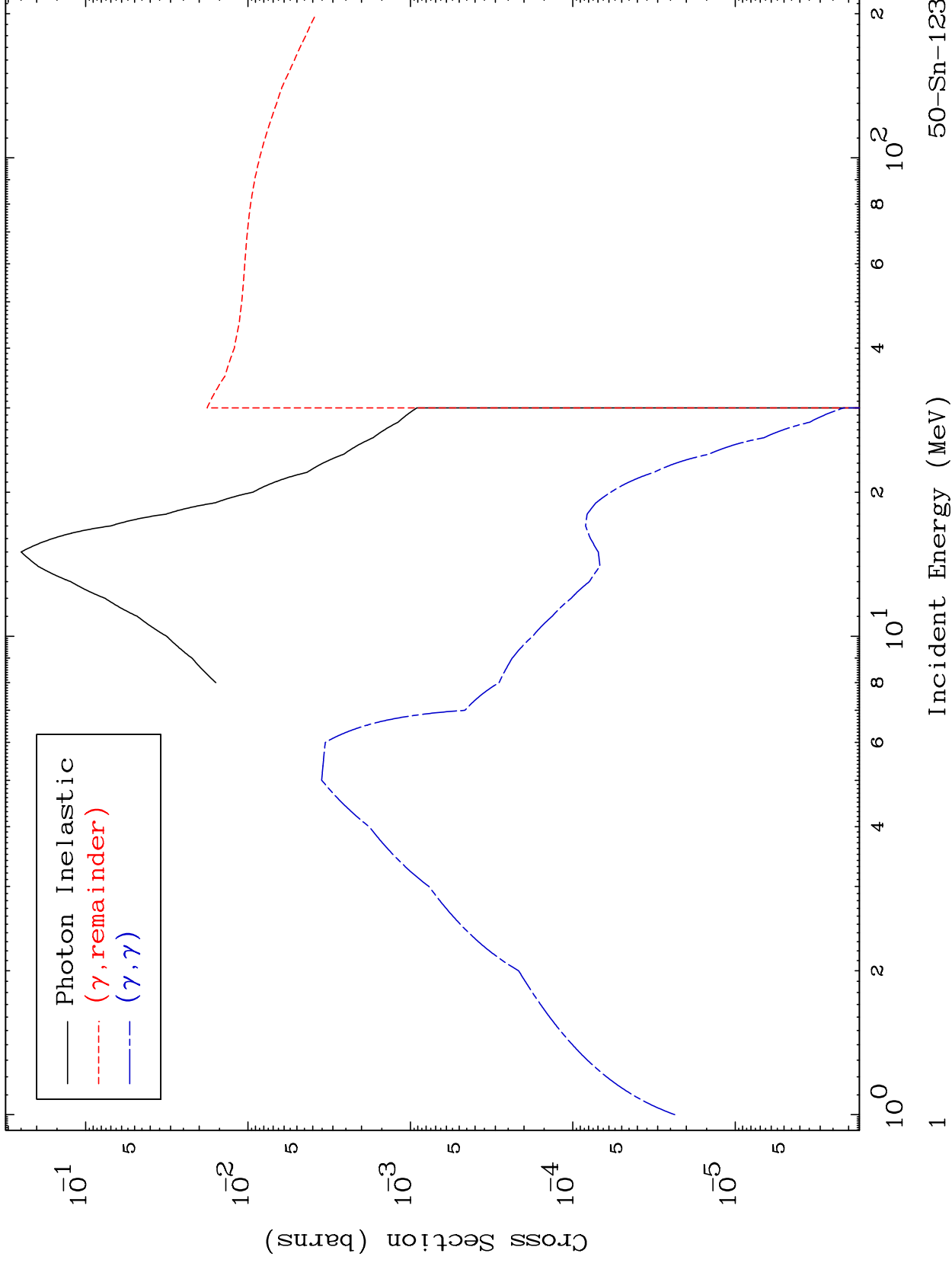
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5059

Photon Major  
0 Kelvin Cross Sections

50-Sn-123



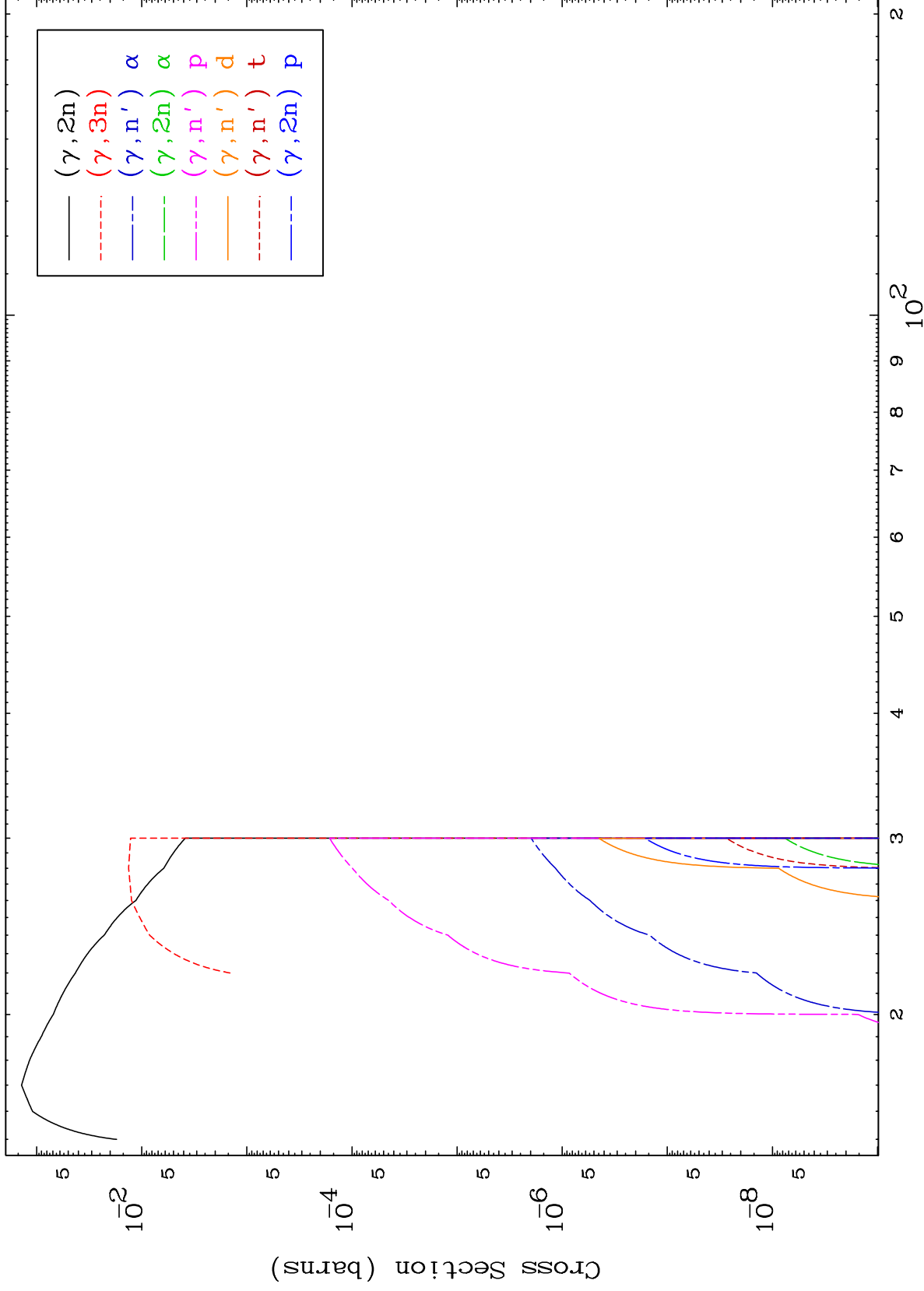
50-Sn-123

Incident Energy (MeV)

MAT 5059

Photon Neutron Production  
0 Kelvin Cross Sections

50-Sn-123



2

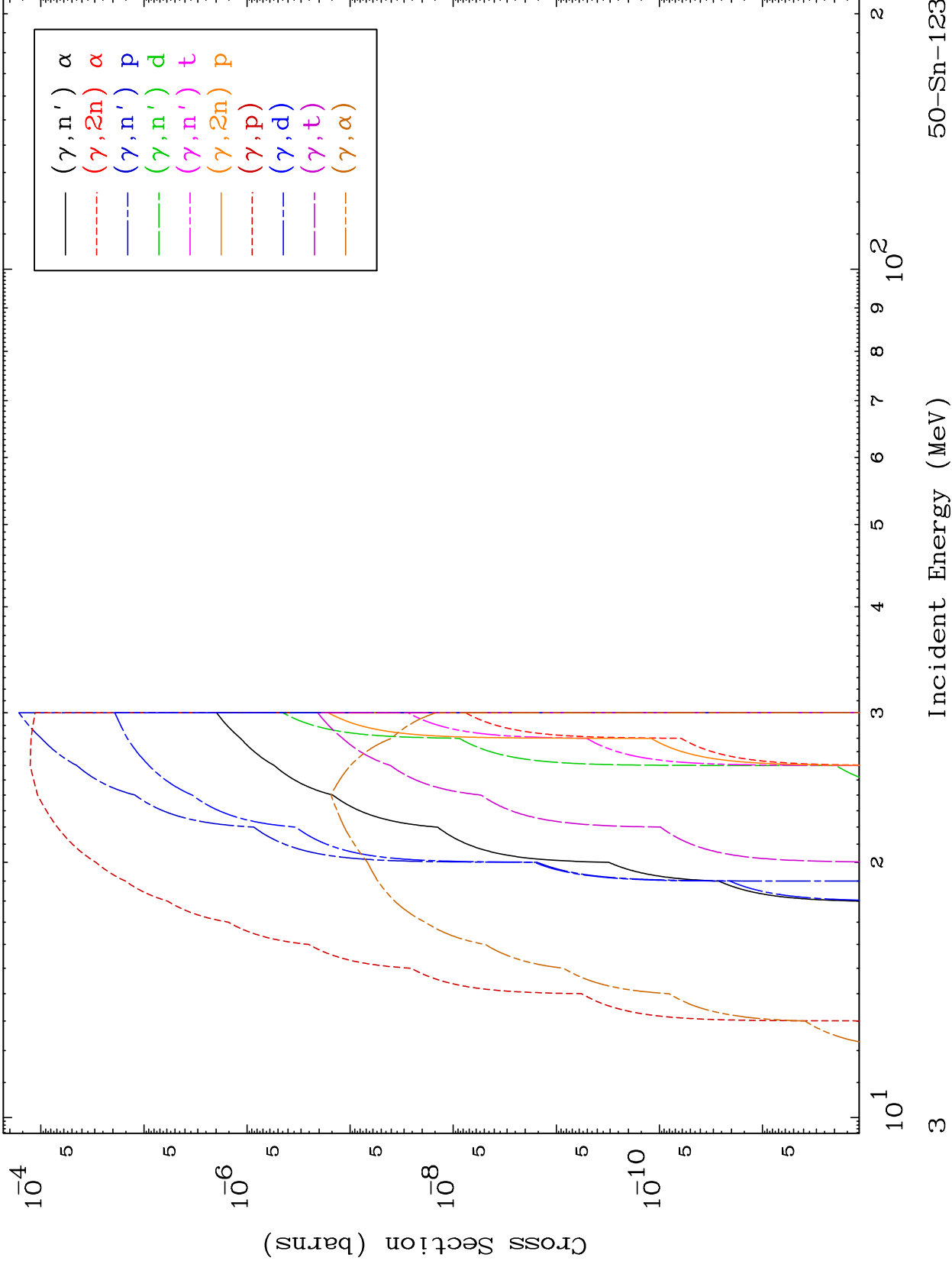
Incident Energy (MeV)

50-Sn-123

MAT 5059

Photon Charged Particle  
0 Kelvin Cross Sections

50-Sn-123



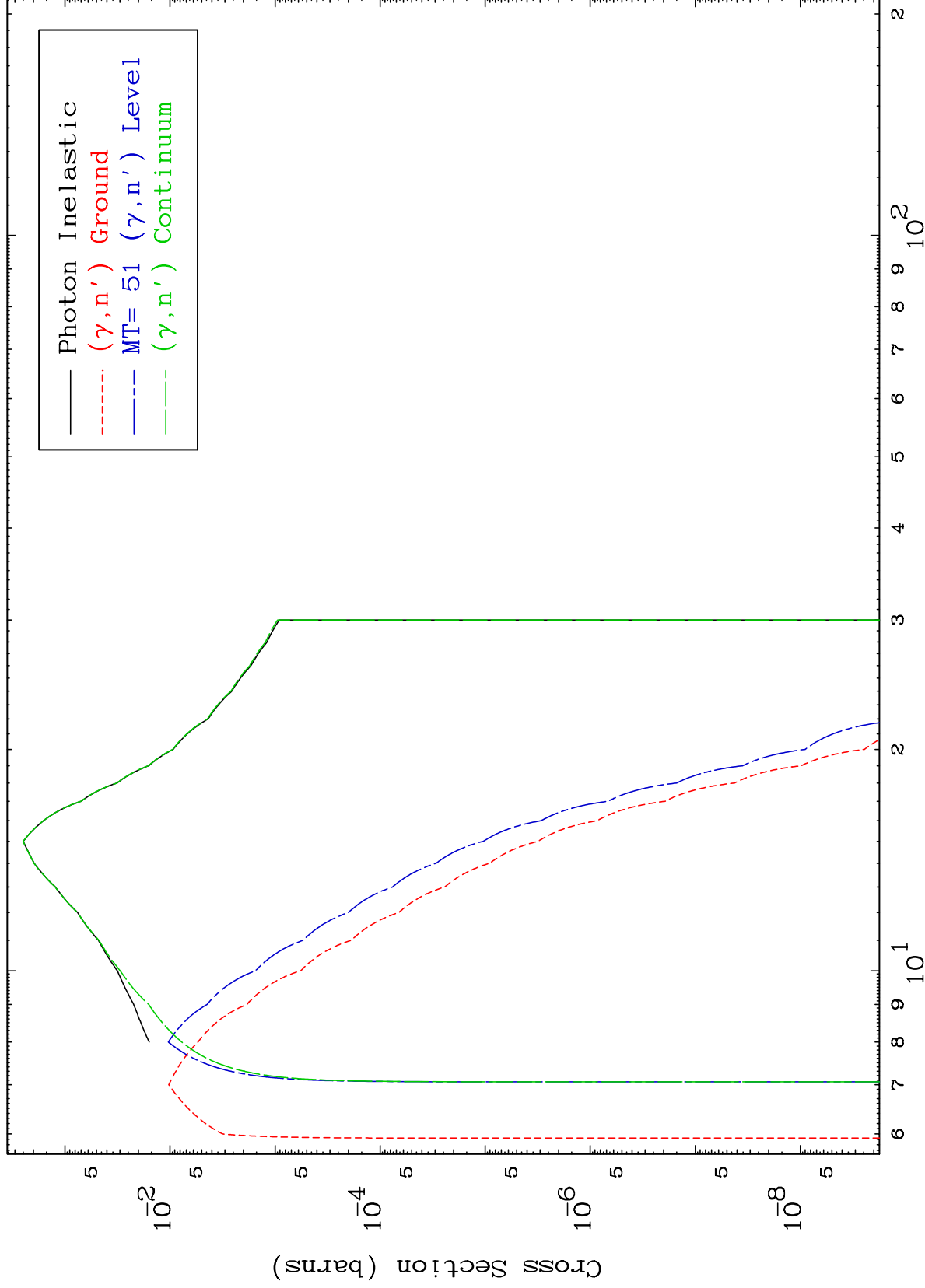
50-Sn-123

MAT 5059

( $\gamma, n'$ ) Level

50-Sn-123

0 Kelvin Cross Sections



4

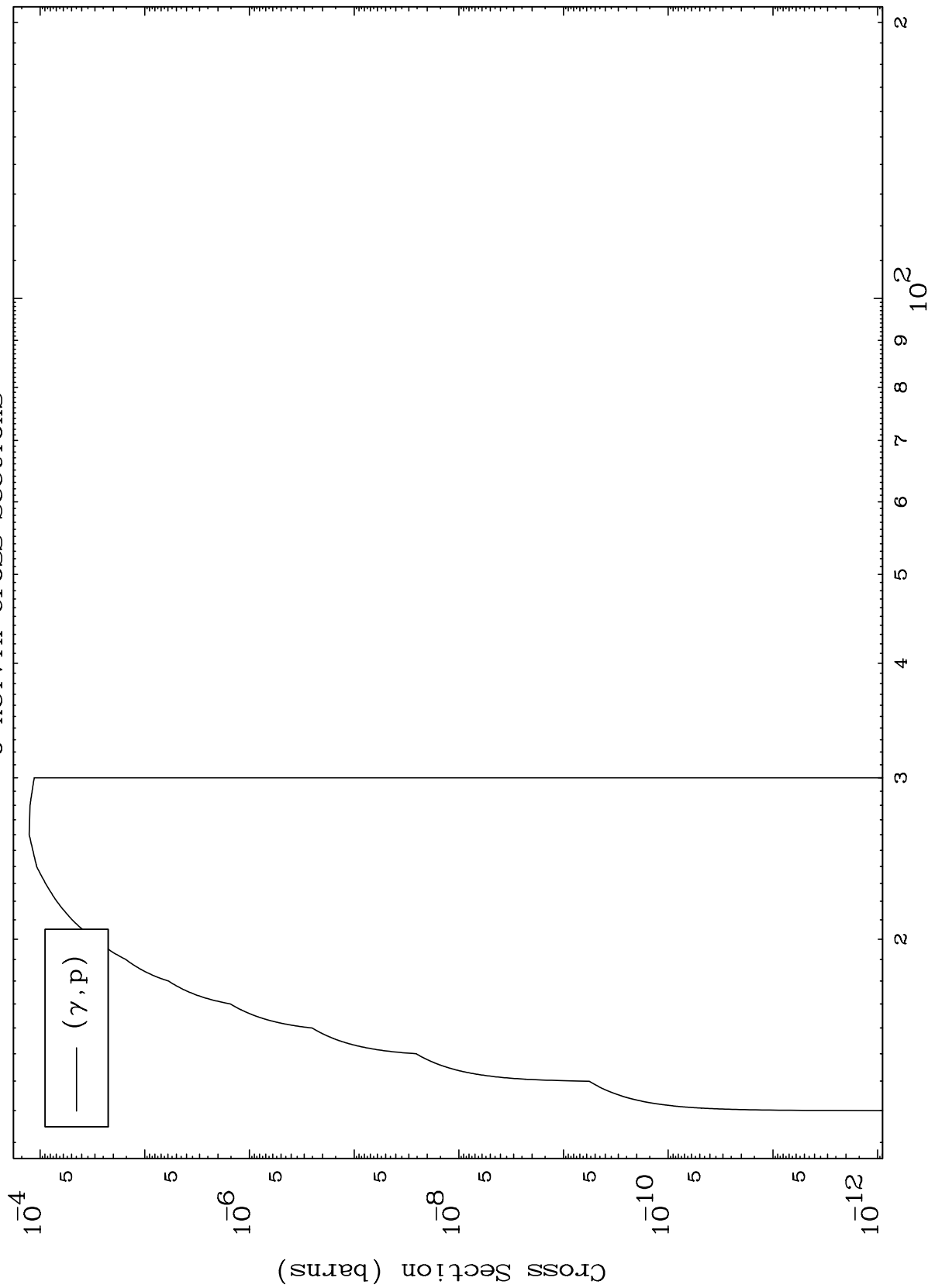
Incident Energy (MeV)

50-Sn-123

MAT 5059

50-Sn-123

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



50-Sn-123

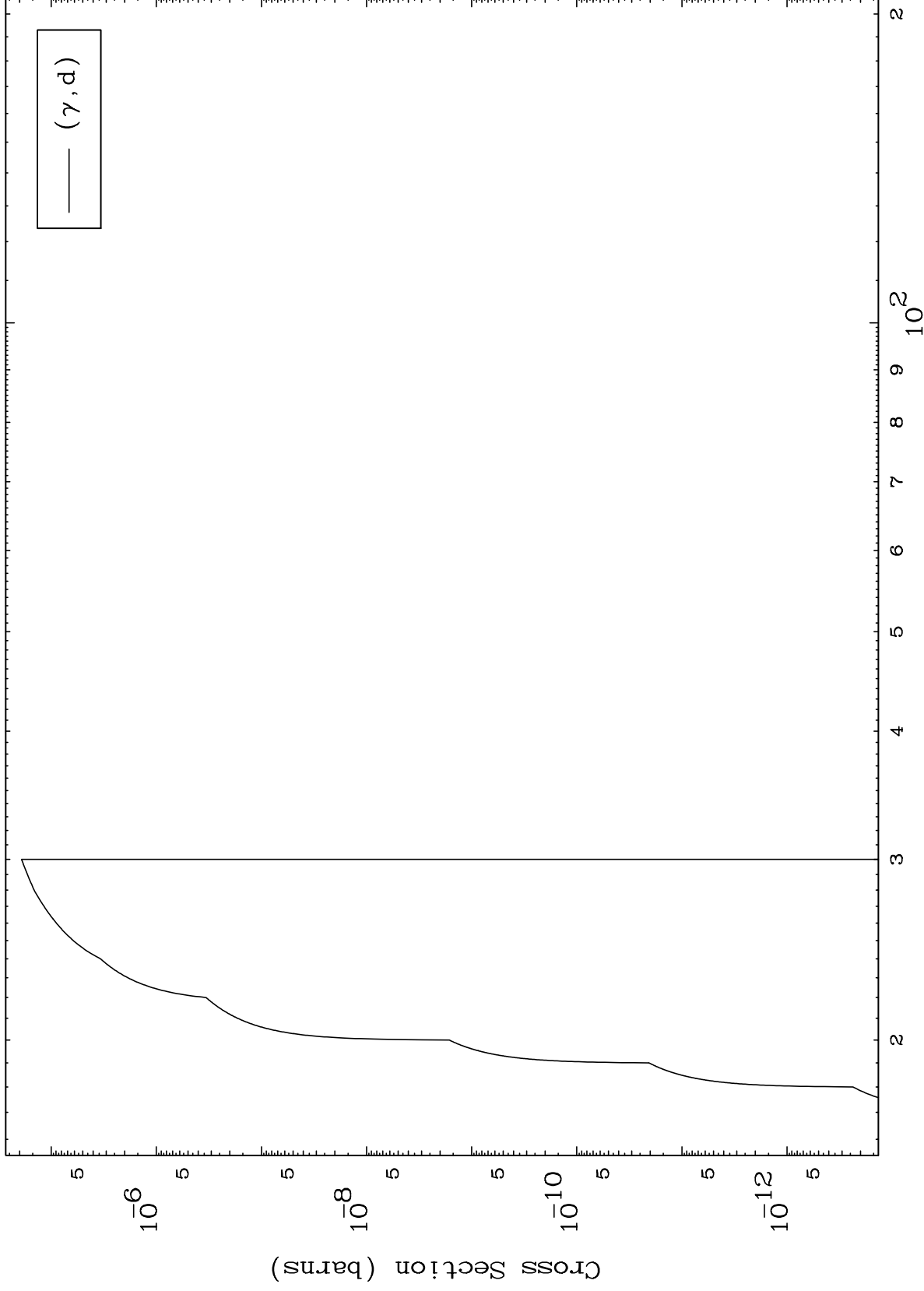
Incident Energy (MeV)

5

MAT 5059

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

50-Sn-123



6

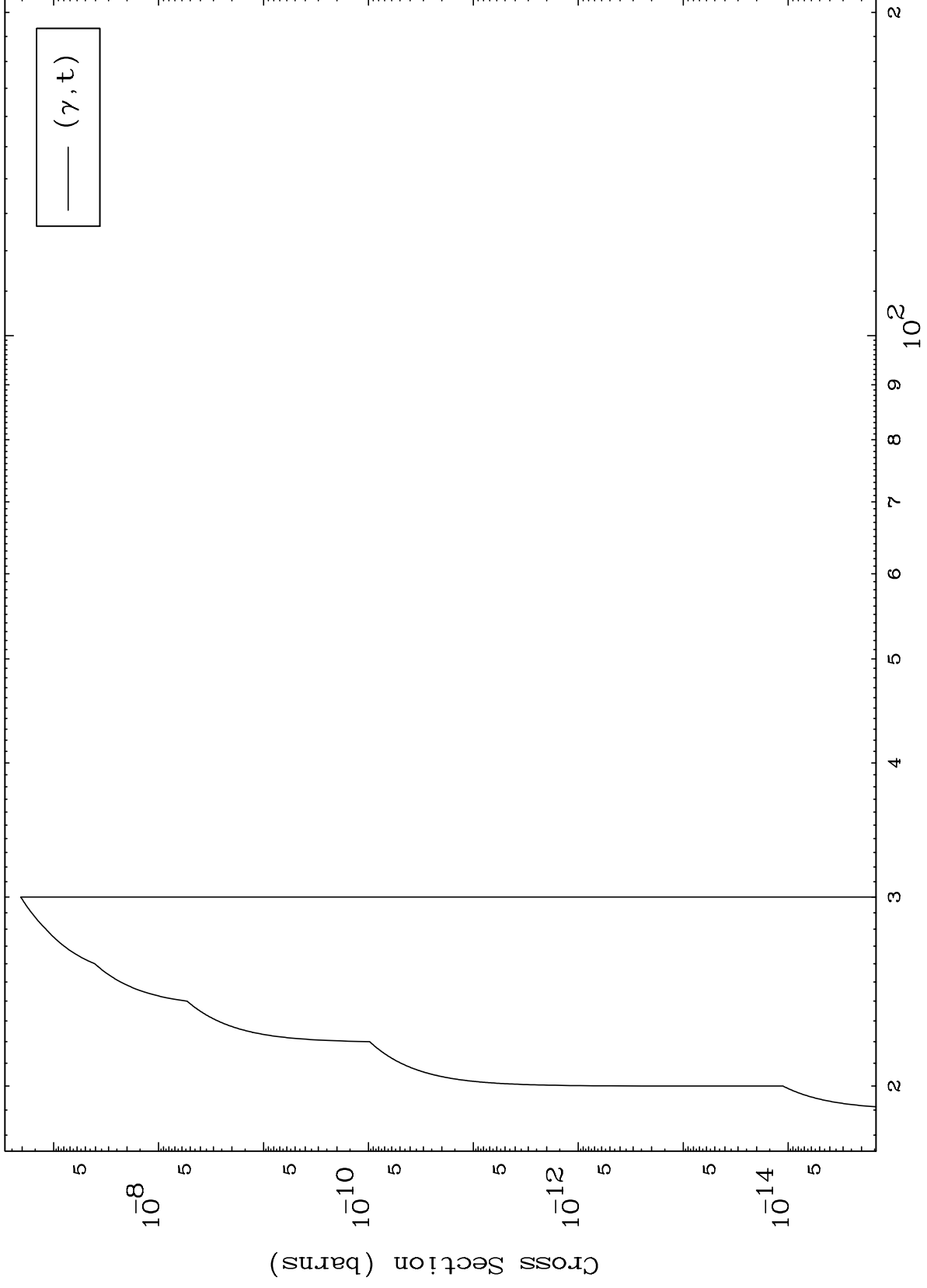
Incident Energy (MeV)

50-Sn-123

MAT 5059

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

50-Sn-123



7

Incident Energy (MeV)

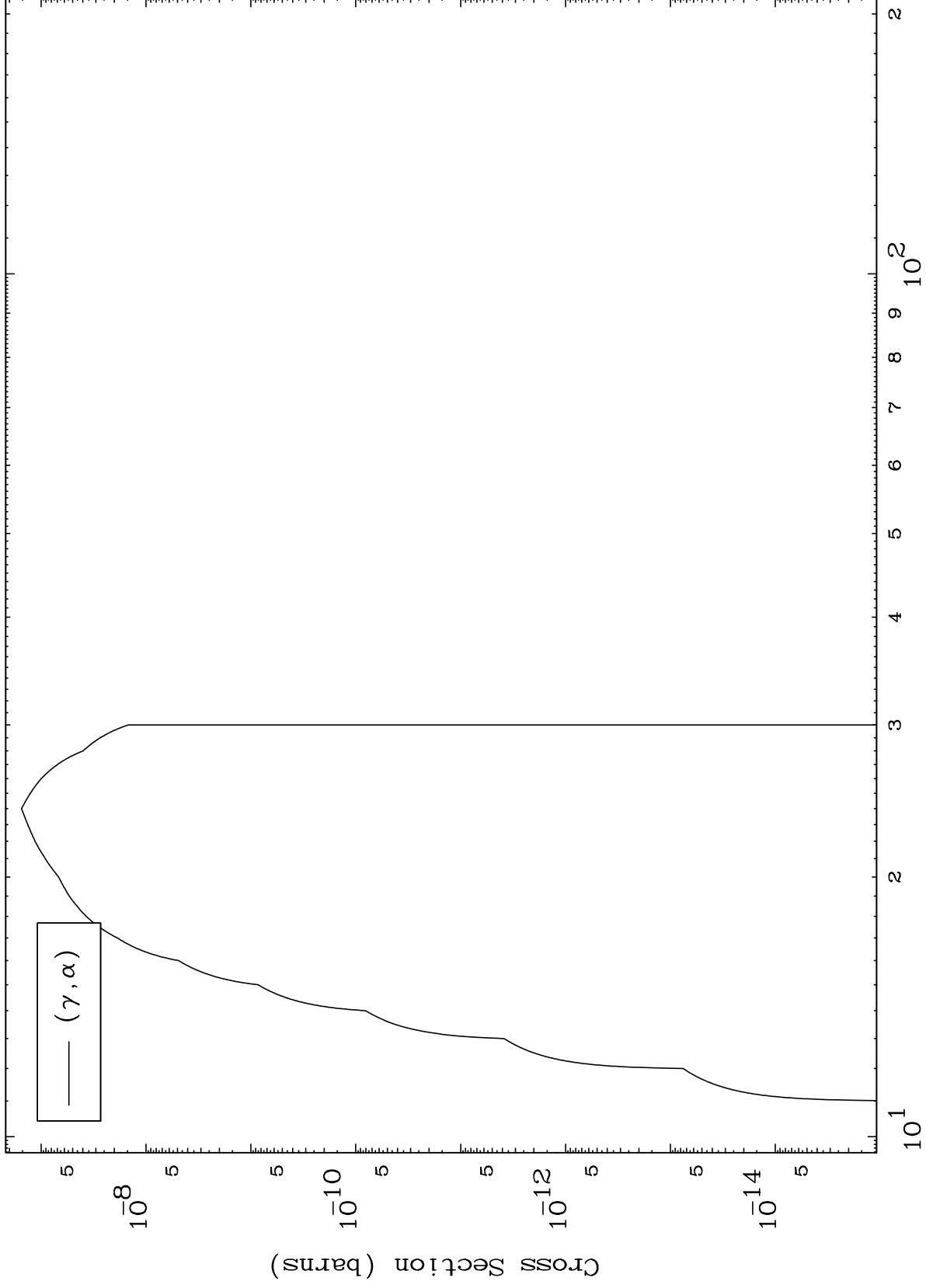
50-Sn-123



MAT 5059

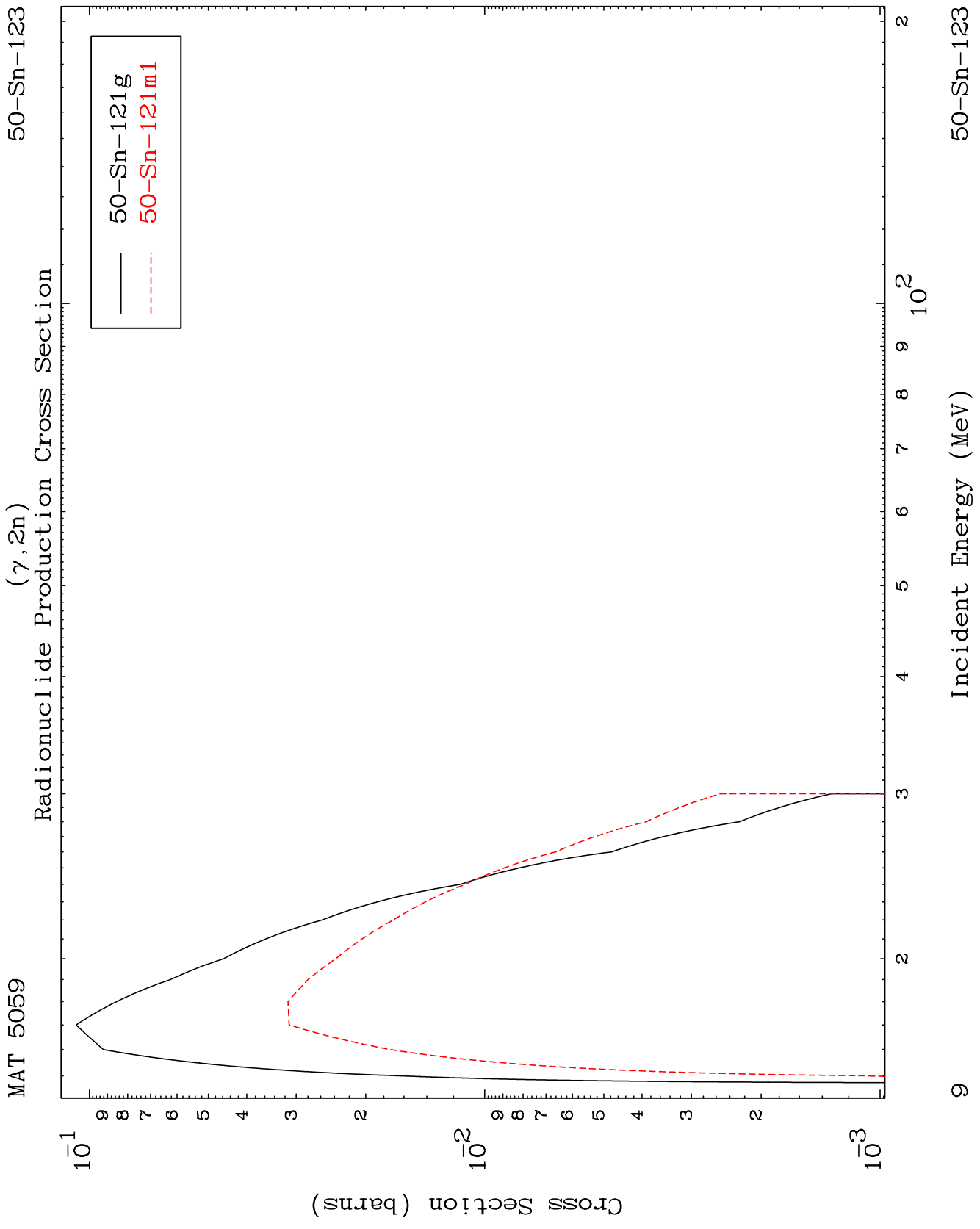
( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

50-Sn-123



Incident Energy (MeV)

50-Sn-123

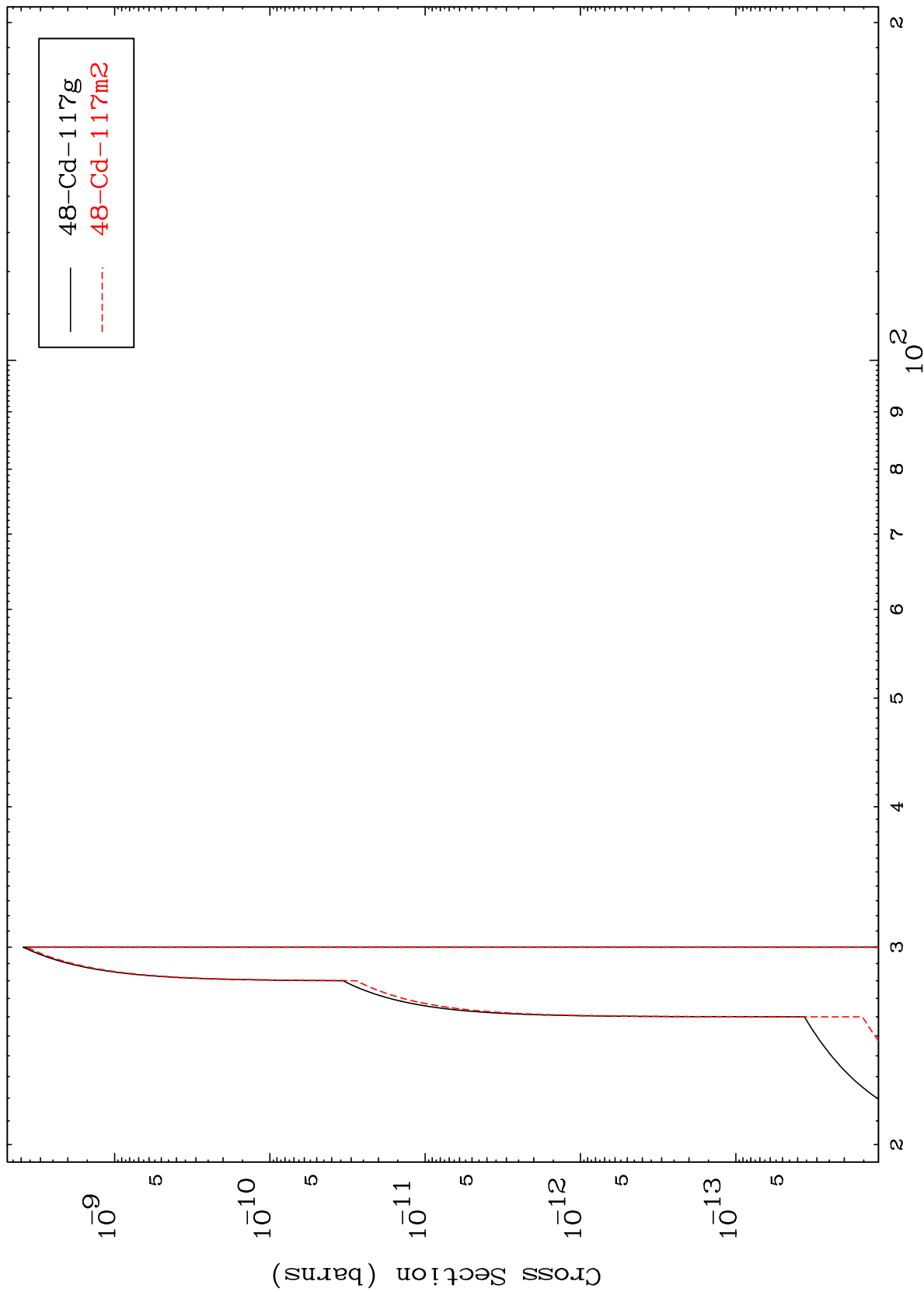


MAT 5059

50-Sn-123

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section

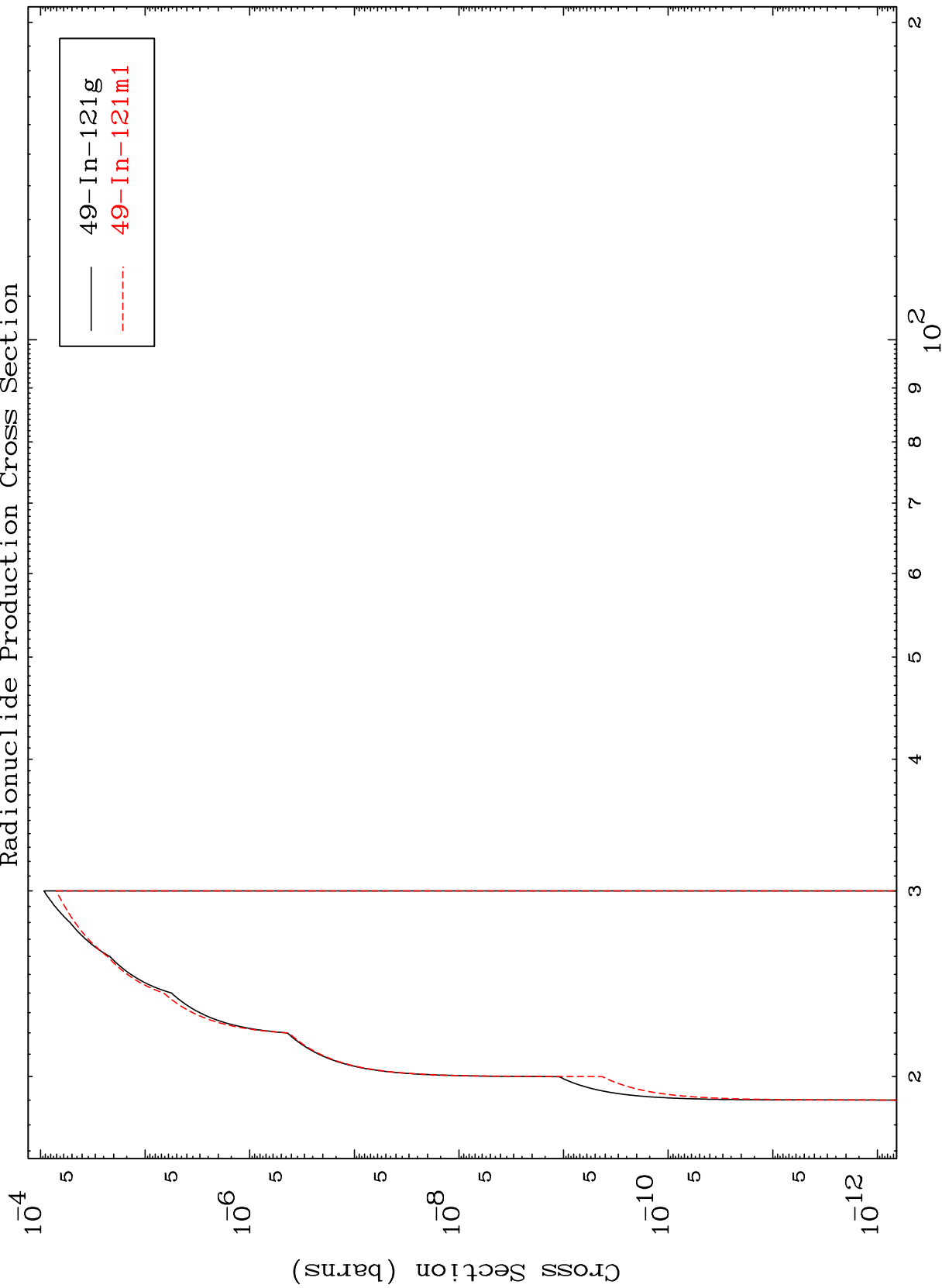


50-Sn-123

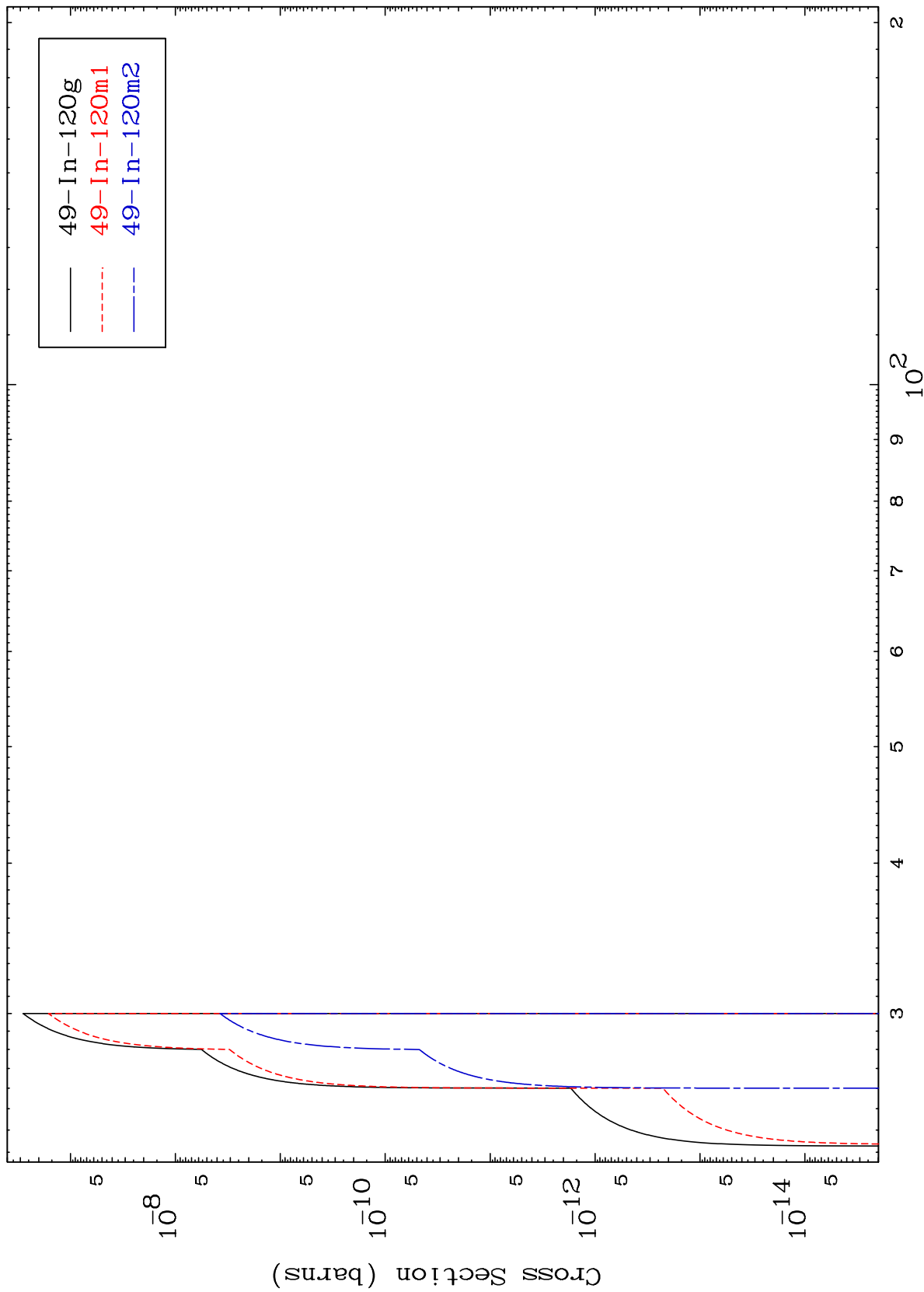
Incident Energy (MeV)

10

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



Radionuclide Production Cross Section

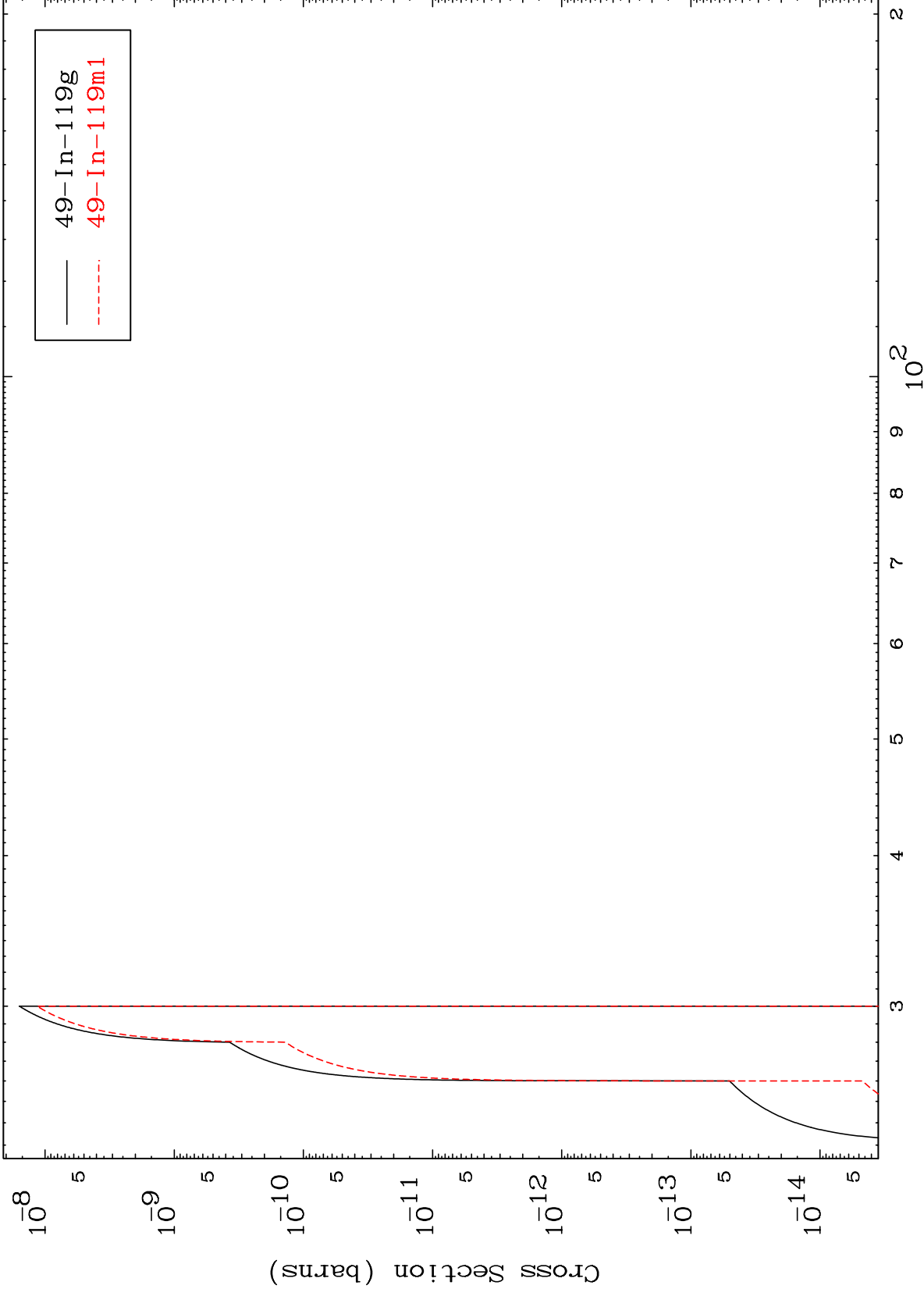


MAT 5059

( $\gamma, n'$ ) t

50-Sn-123

Radionuclide Production Cross Section



49-In-119g  
49-In-119m1

13

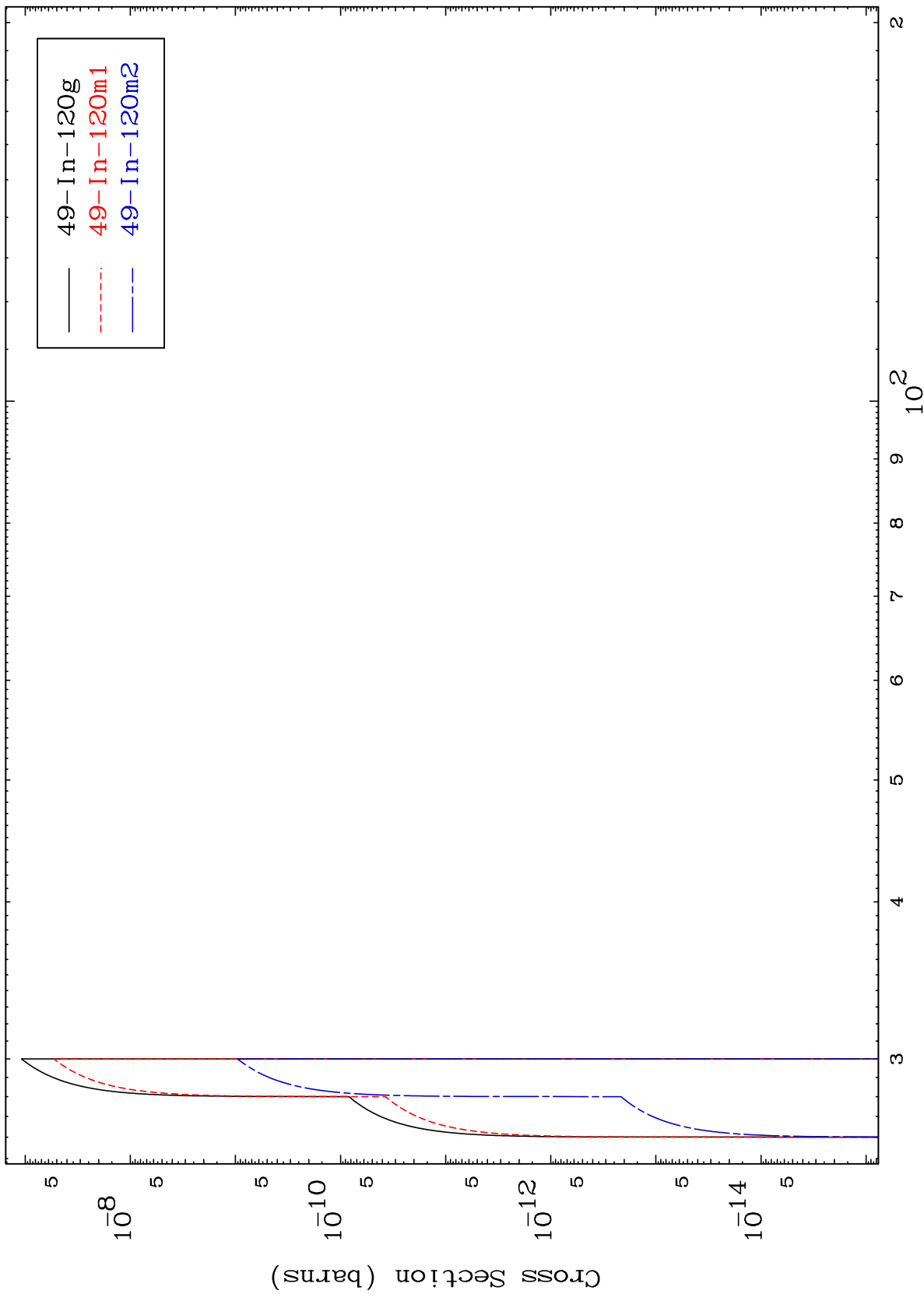
Incident Energy (MeV)

50-Sn-123

MAT 5059

50-Sn-123

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



50-Sn-123

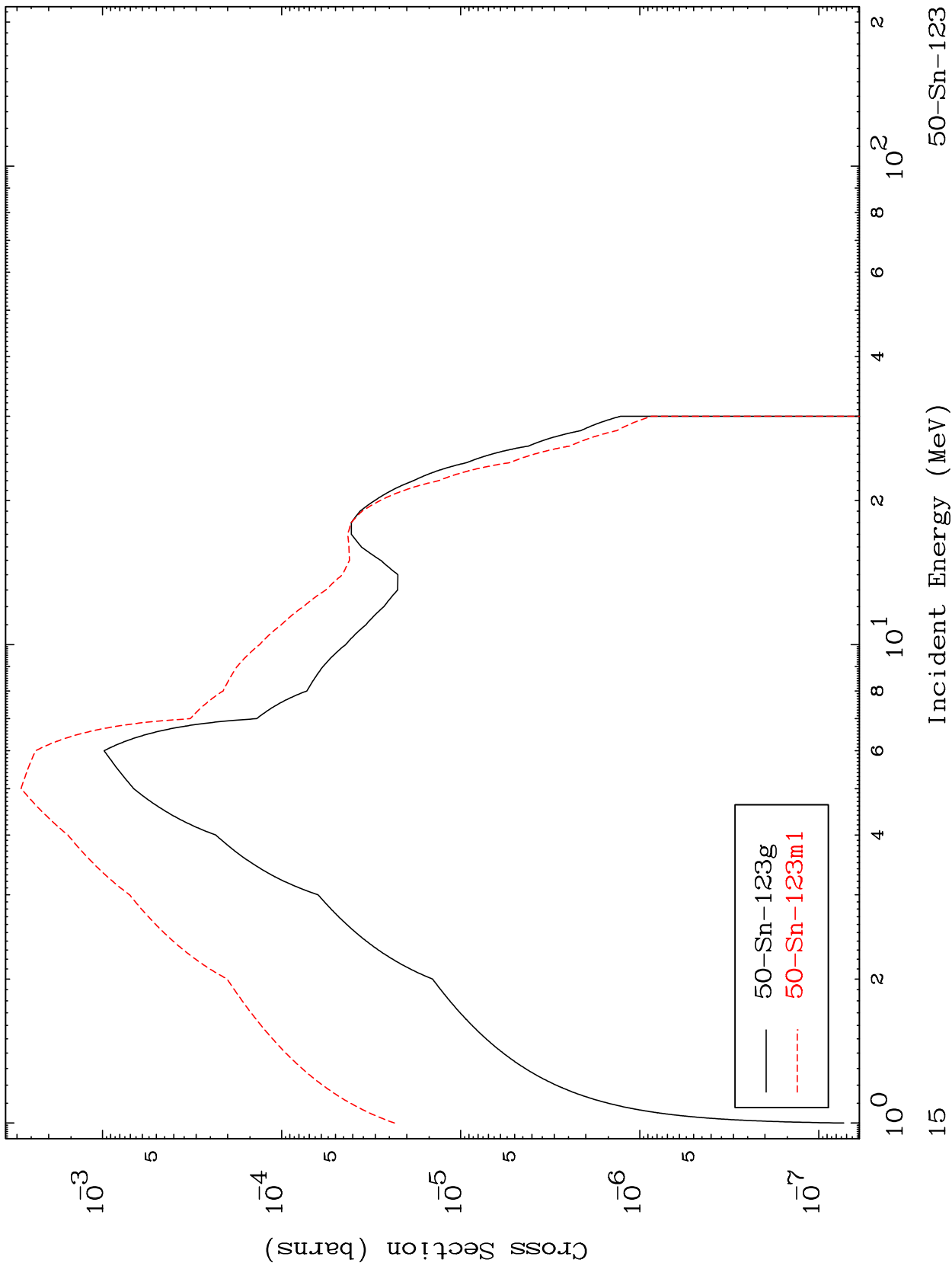
Incident Energy (MeV)

14

MAT 5059

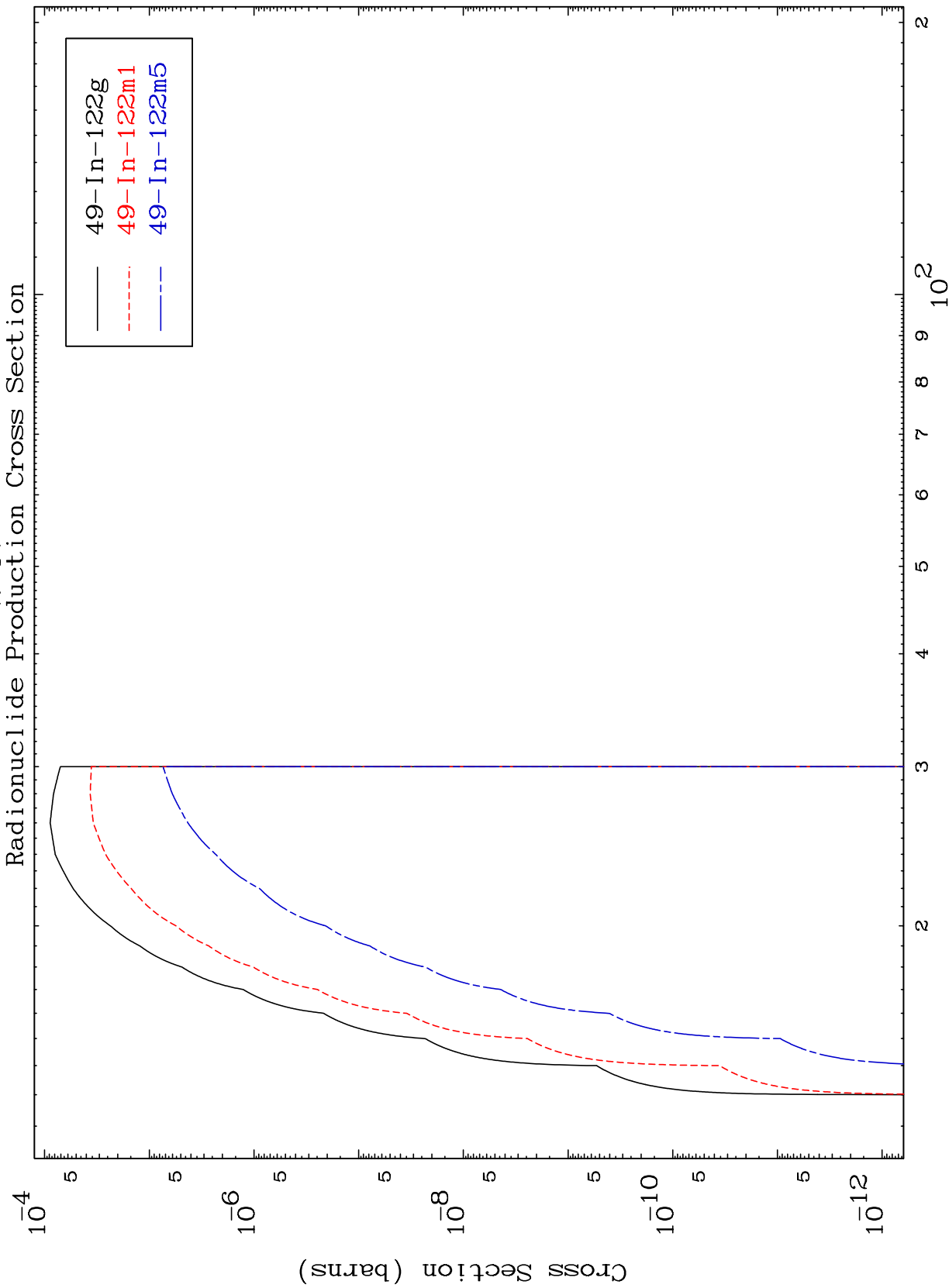
50-Sn-123

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





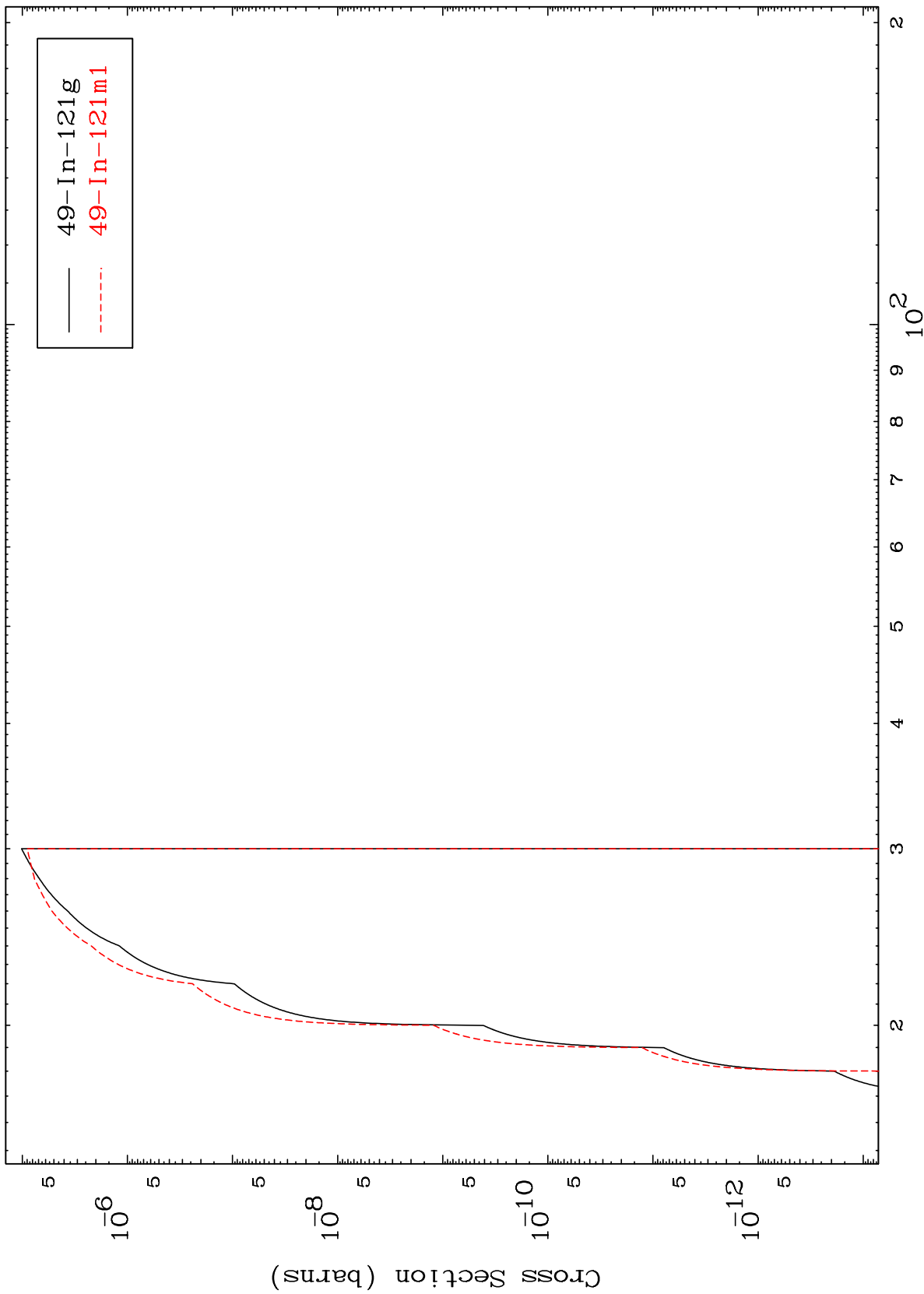
( $\gamma, p$ )  
Radionuclide Production Cross Section



MAT 5059

50-Sn-123

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

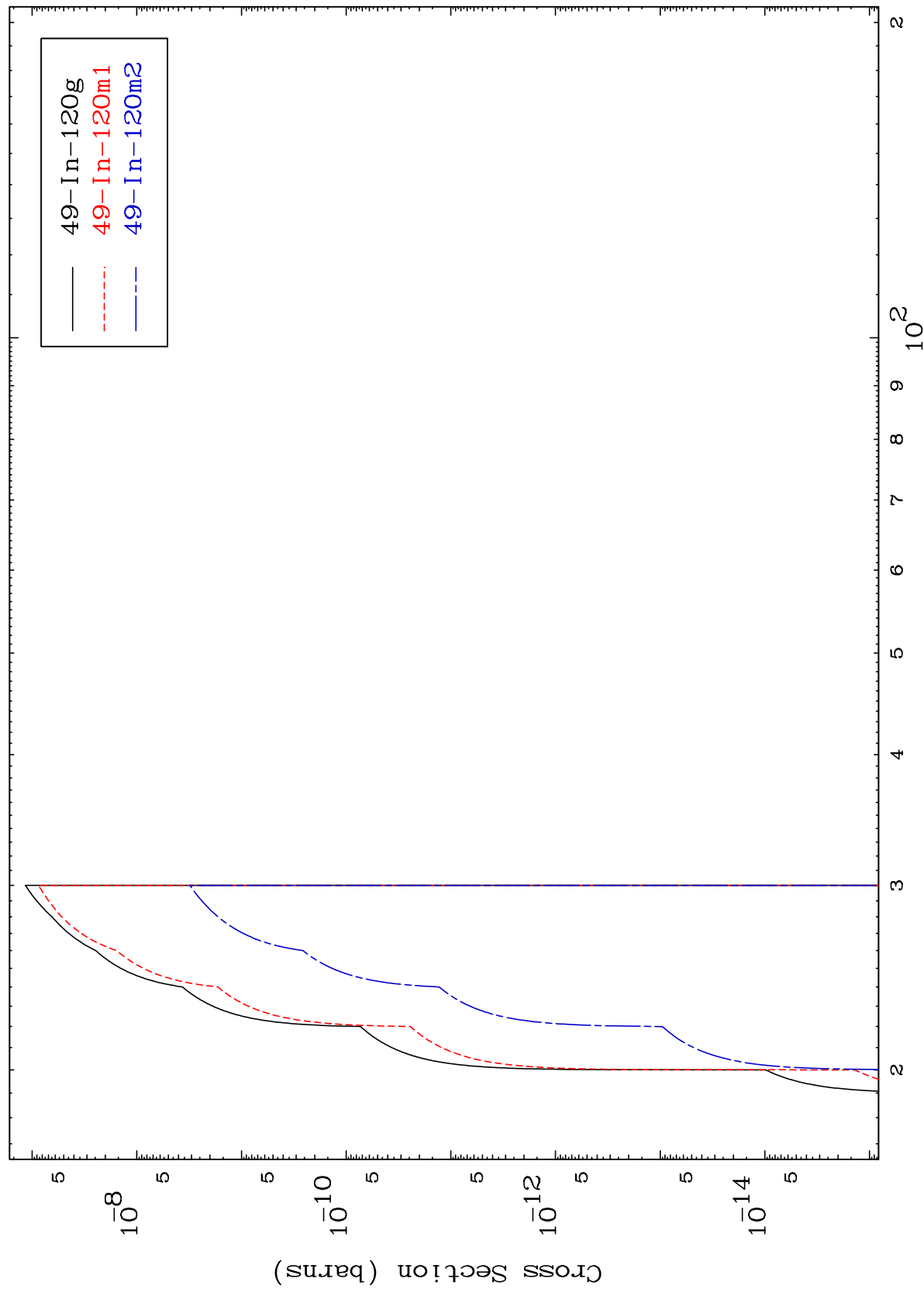


17

50-Sn-123

Incident Energy (MeV)

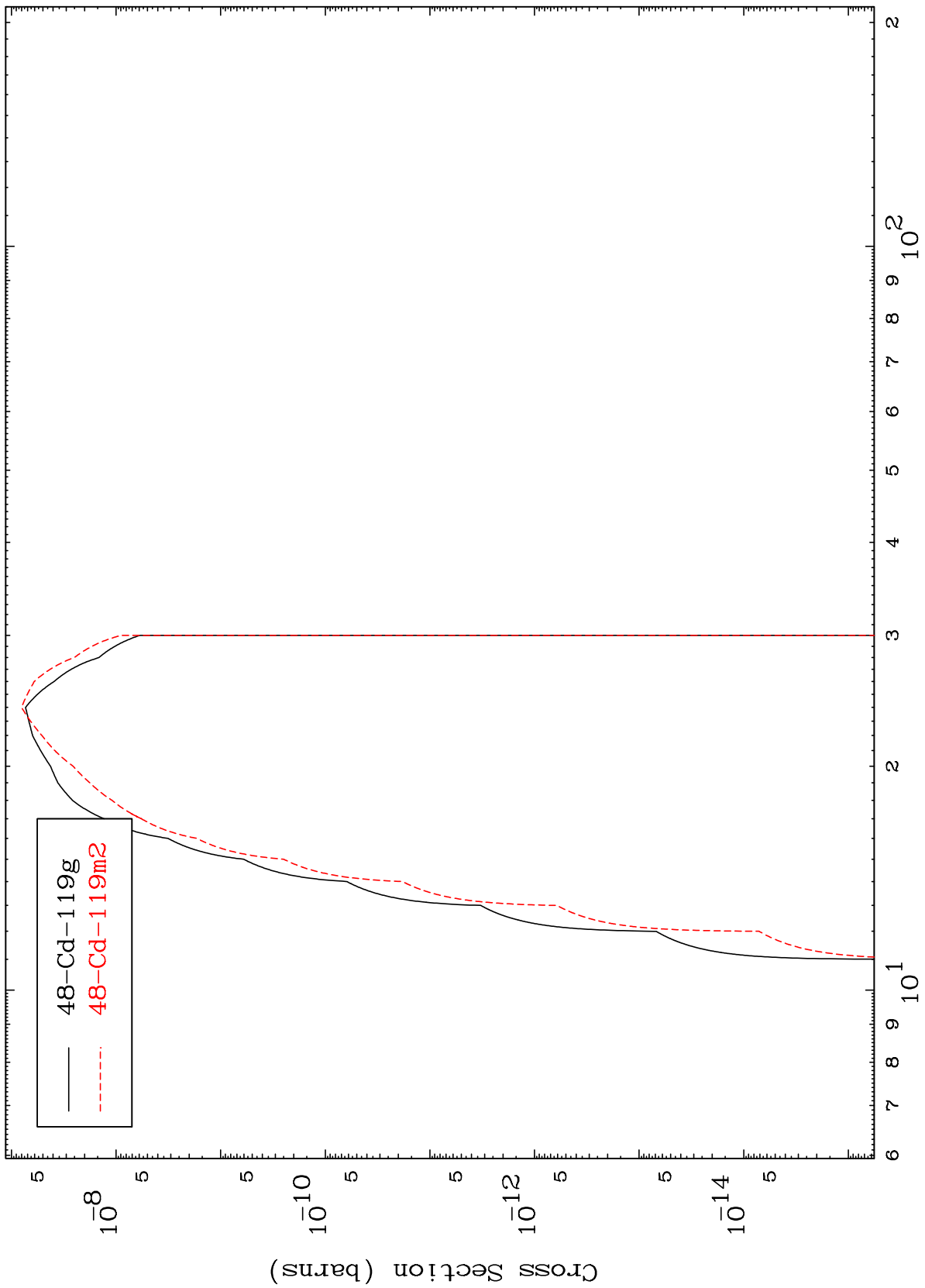
( $\gamma, t$ )  
Radionuclide Production Cross Section



MAT 5059

50-Sn-123

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



19

Incident Energy (MeV)

50-Sn-123