

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

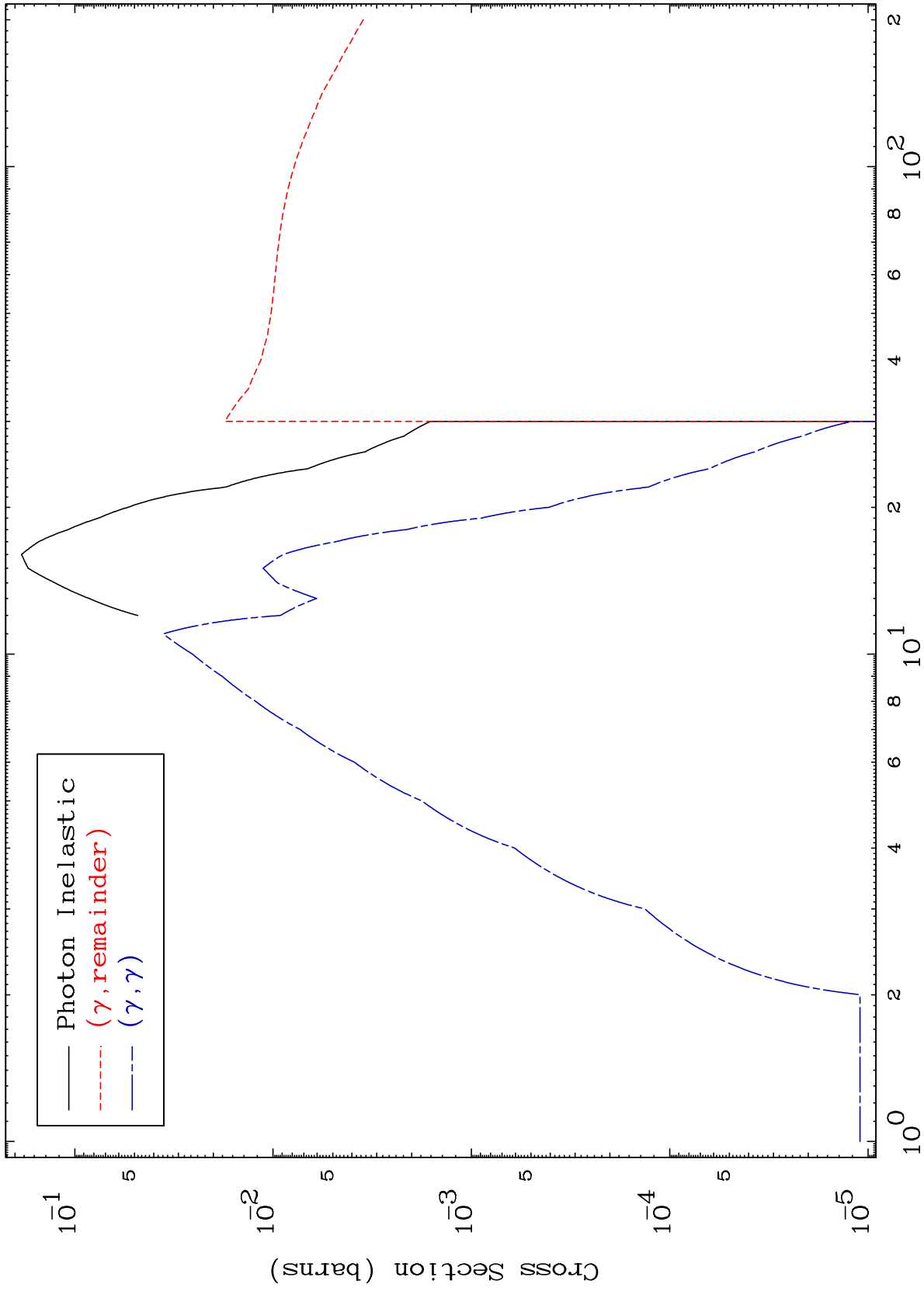
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5019

Photon Major  
0 Kelvin Cross Sections

50-Sn-110



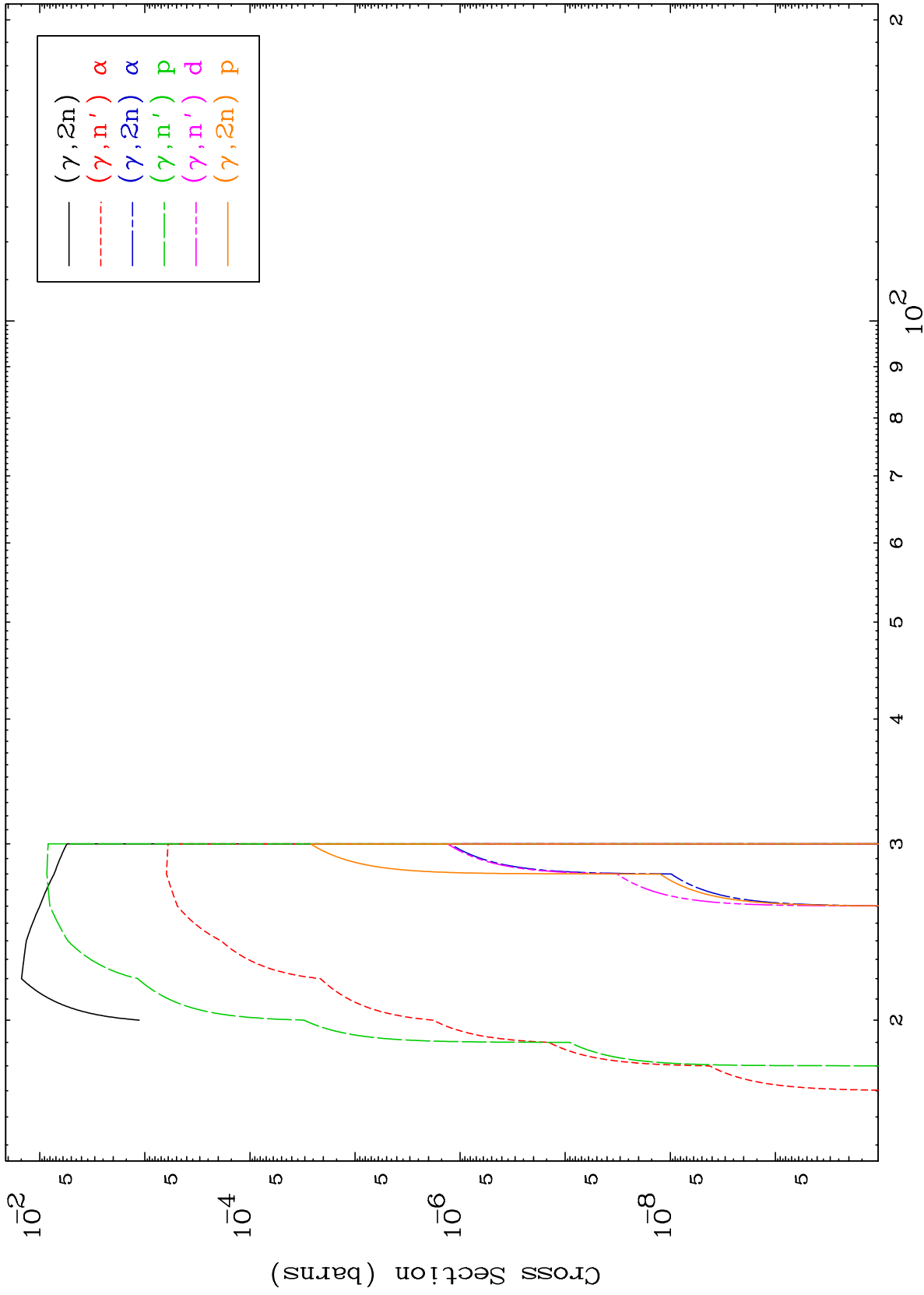
Incident Energy (MeV)

50-Sn-110

MAT 5019

Photon Neutron Production  
0 Kelvin Cross Sections

50-Sn-110



2

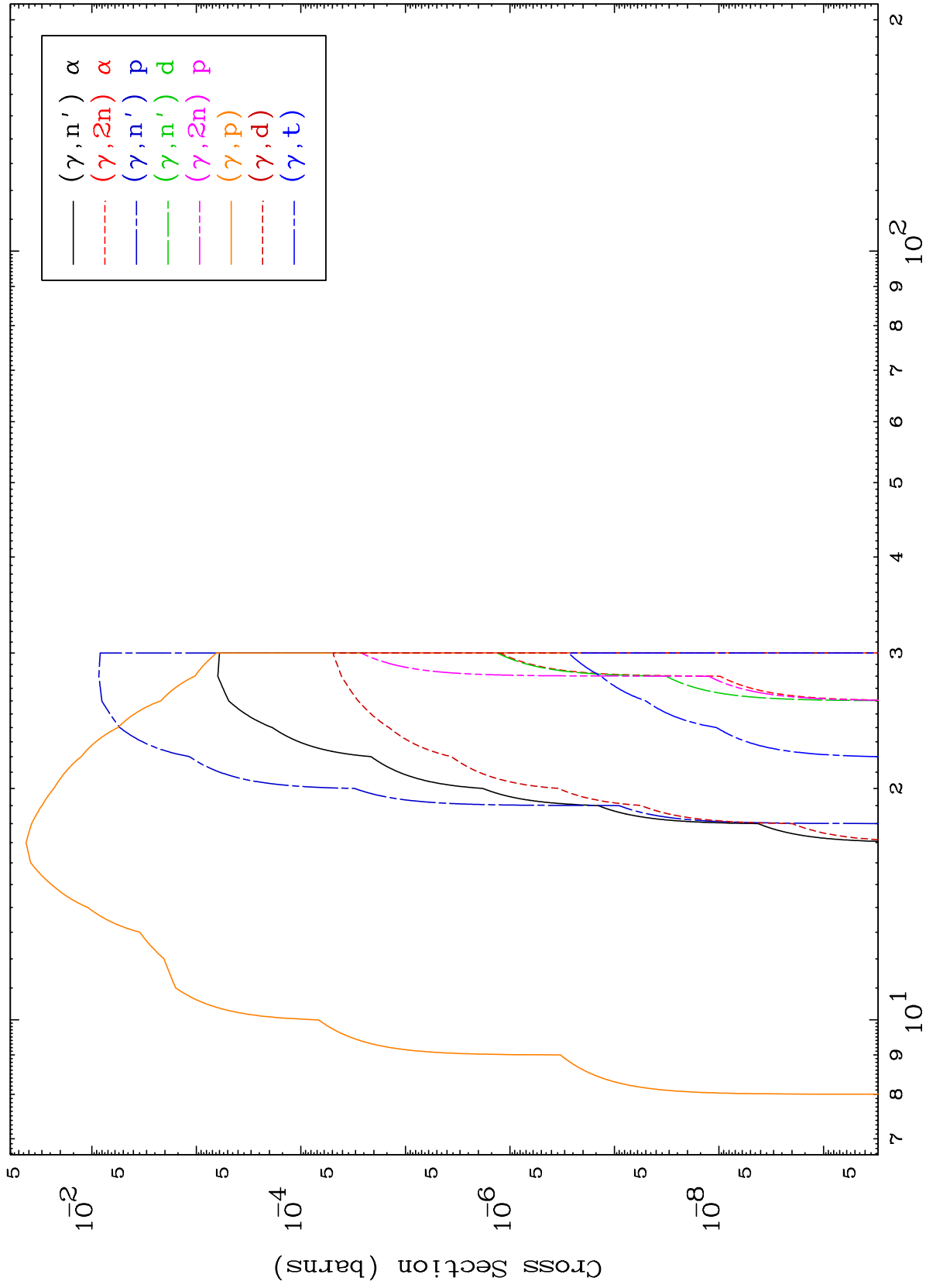
Incident Energy (MeV)

50-Sn-110

MAT 5019

Photon Charged Particle  
0 Kelvin Cross Sections

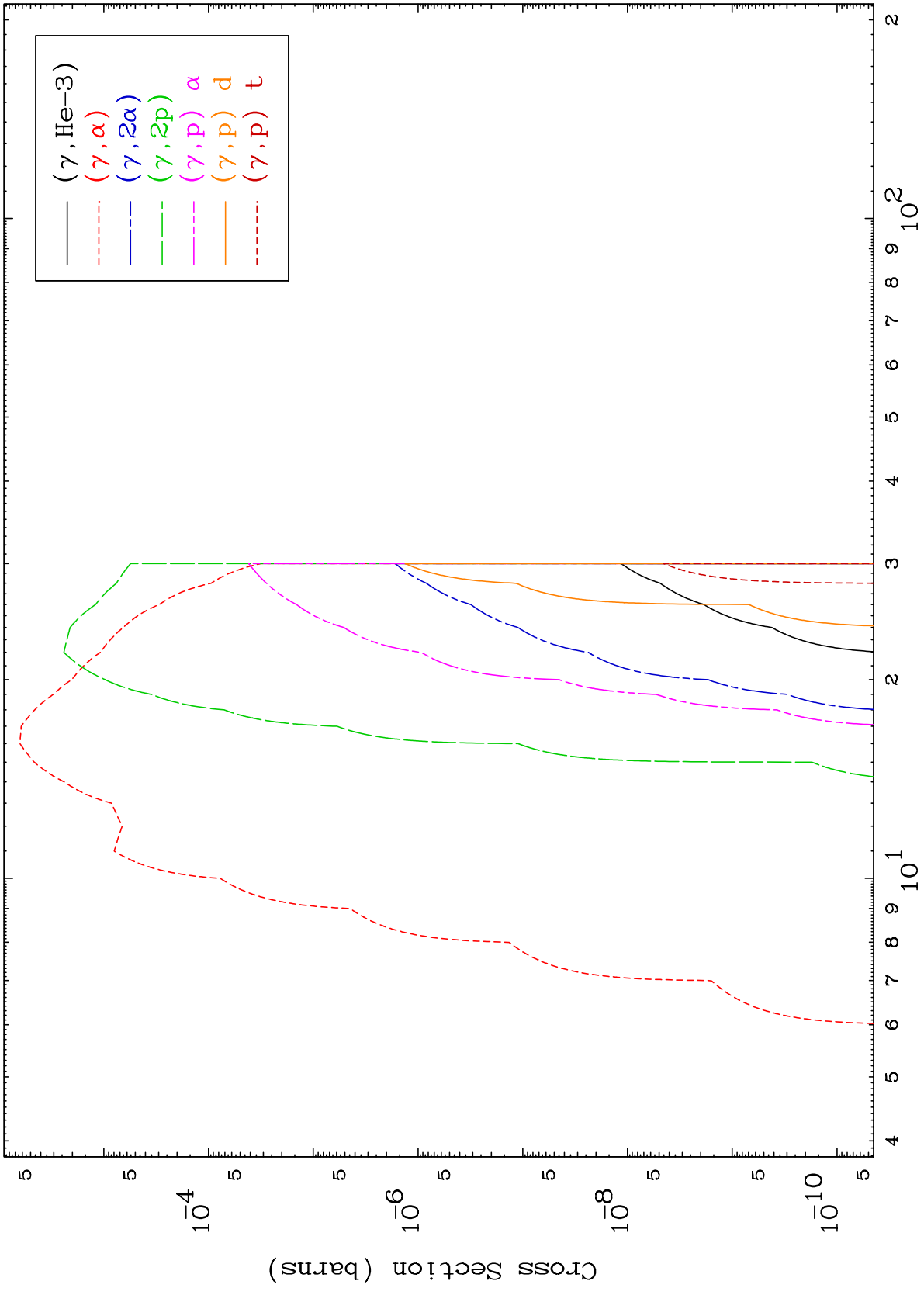
50-Sn-110



50-Sn-110

Incident Energy (MeV)

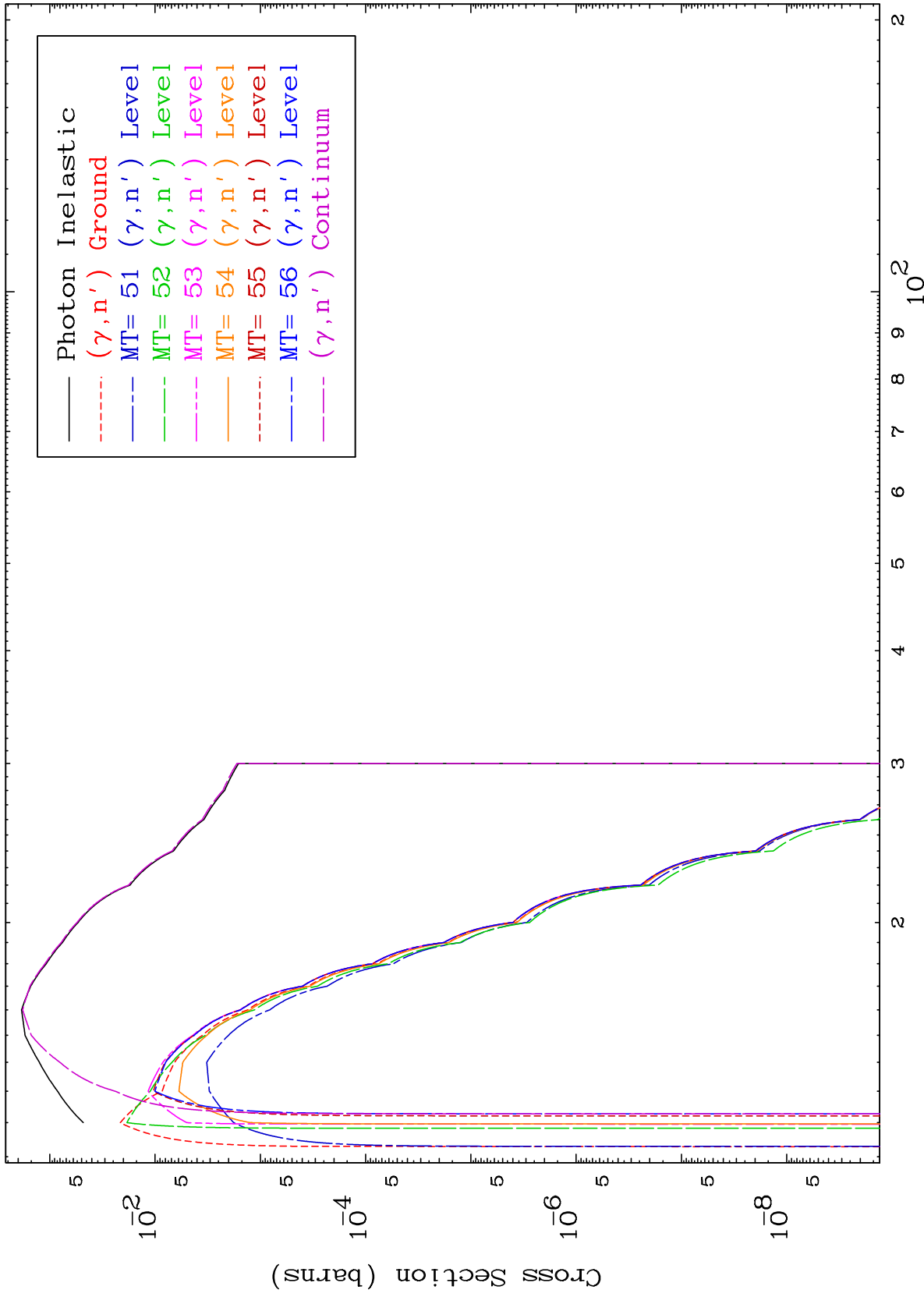
3



MAT 5019

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

50-Sn-110



5

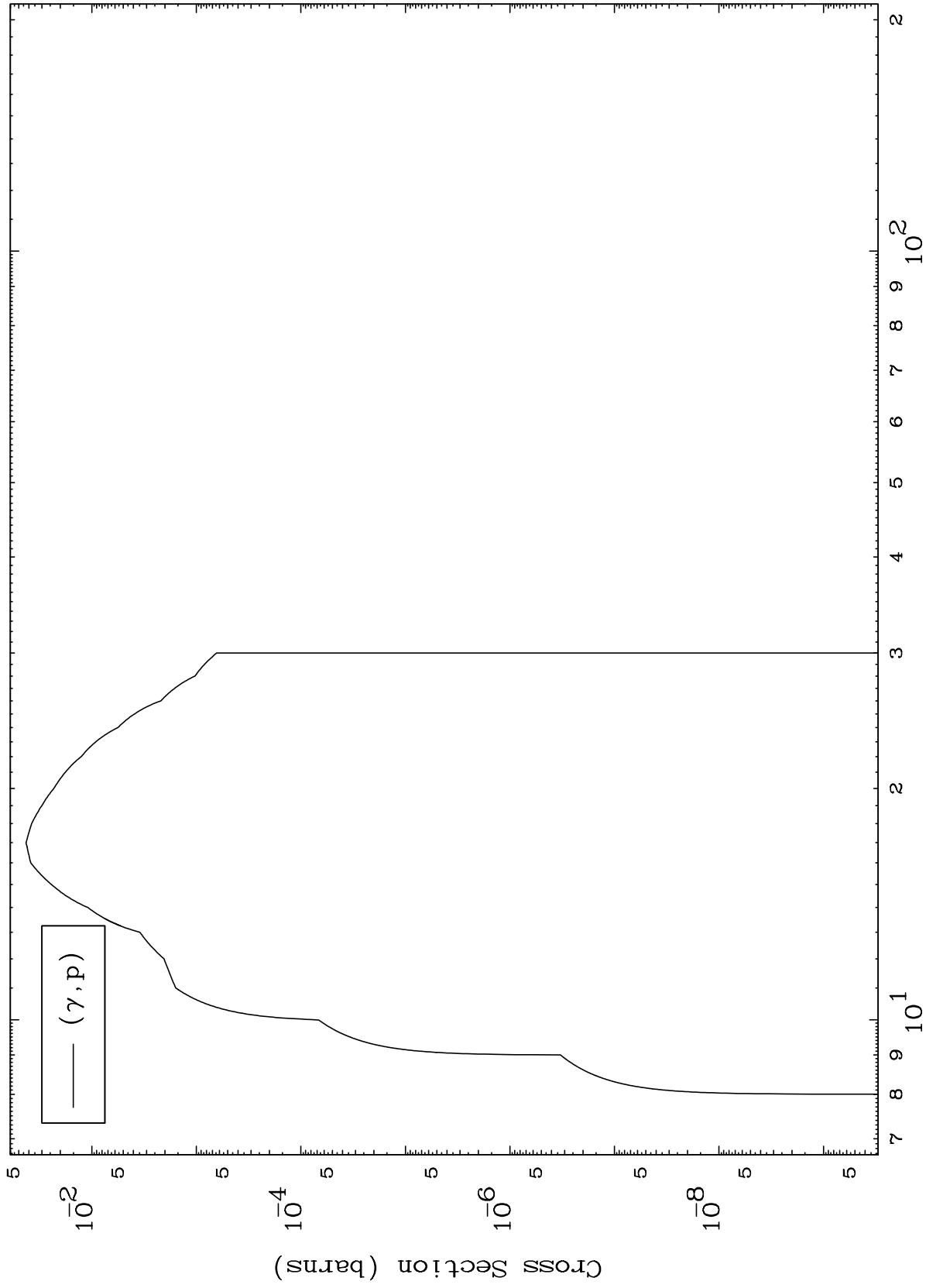
Incident Energy (MeV)

50-Sn-110

MAT 5019

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

50-Sn-110



6

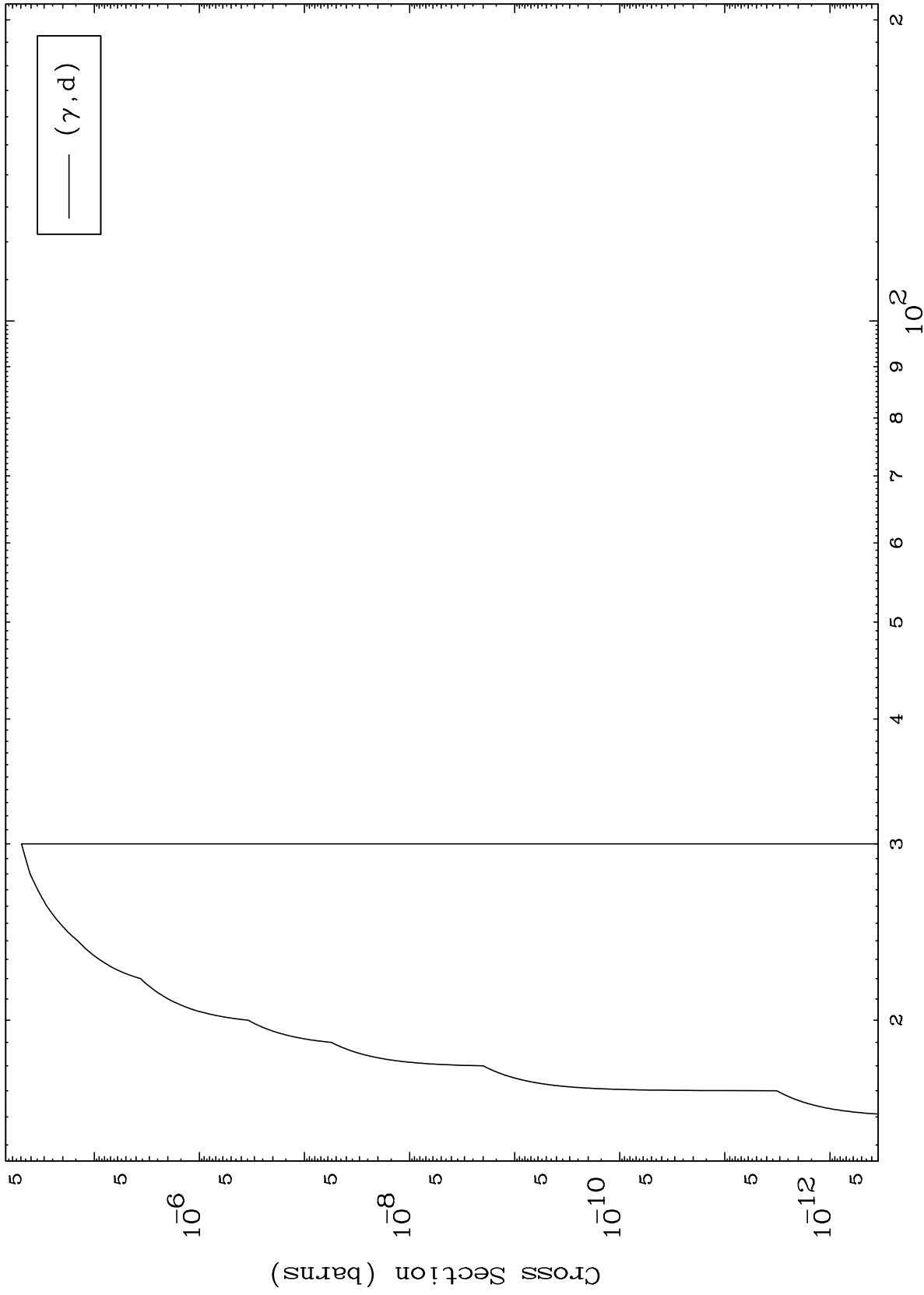
Incident Energy (MeV)

50-Sn-110

MAT 5019

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

50-Sn-110



7

Incident Energy (MeV)

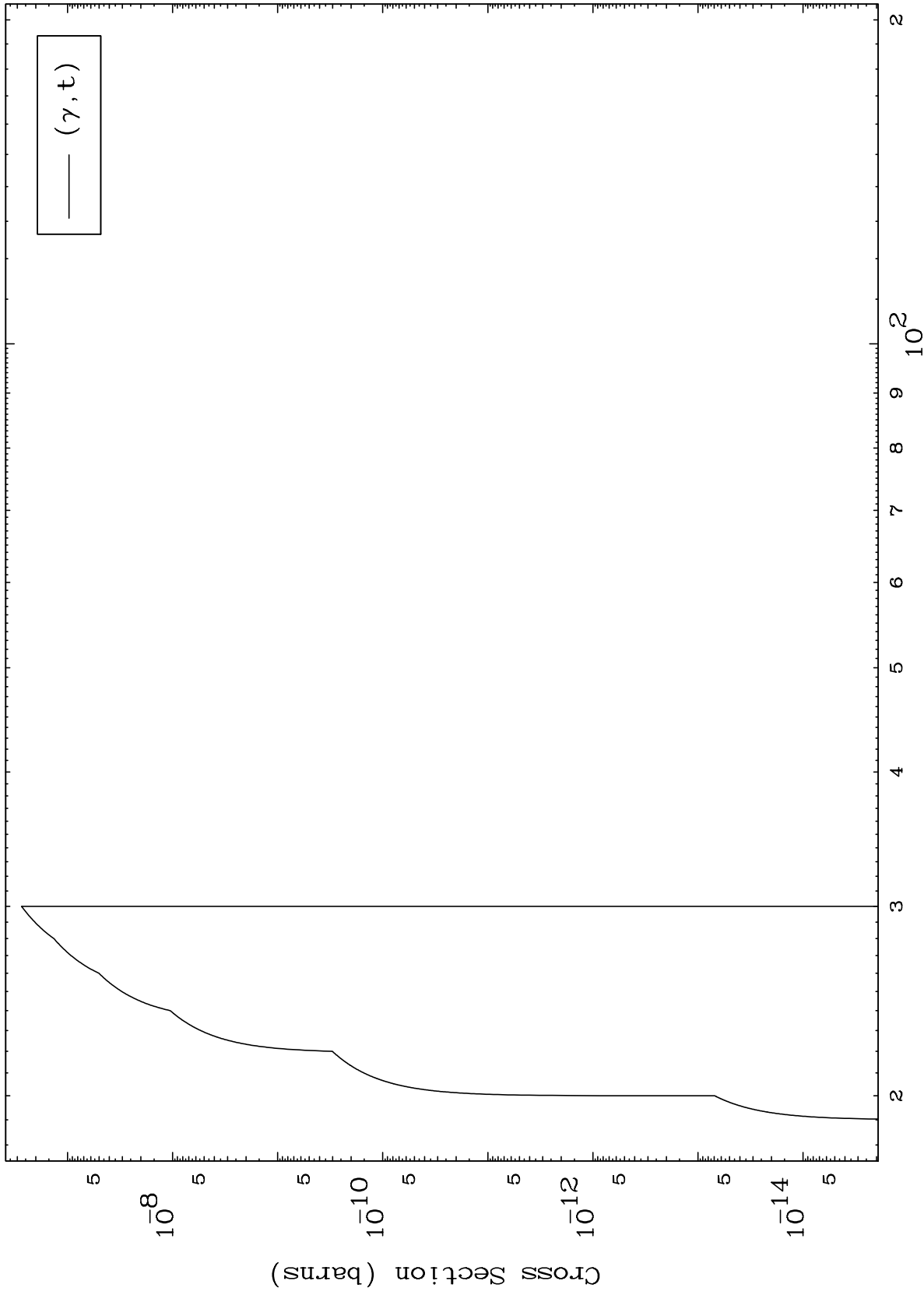
50-Sn-110



MAT 5019

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

50-Sn-110



8

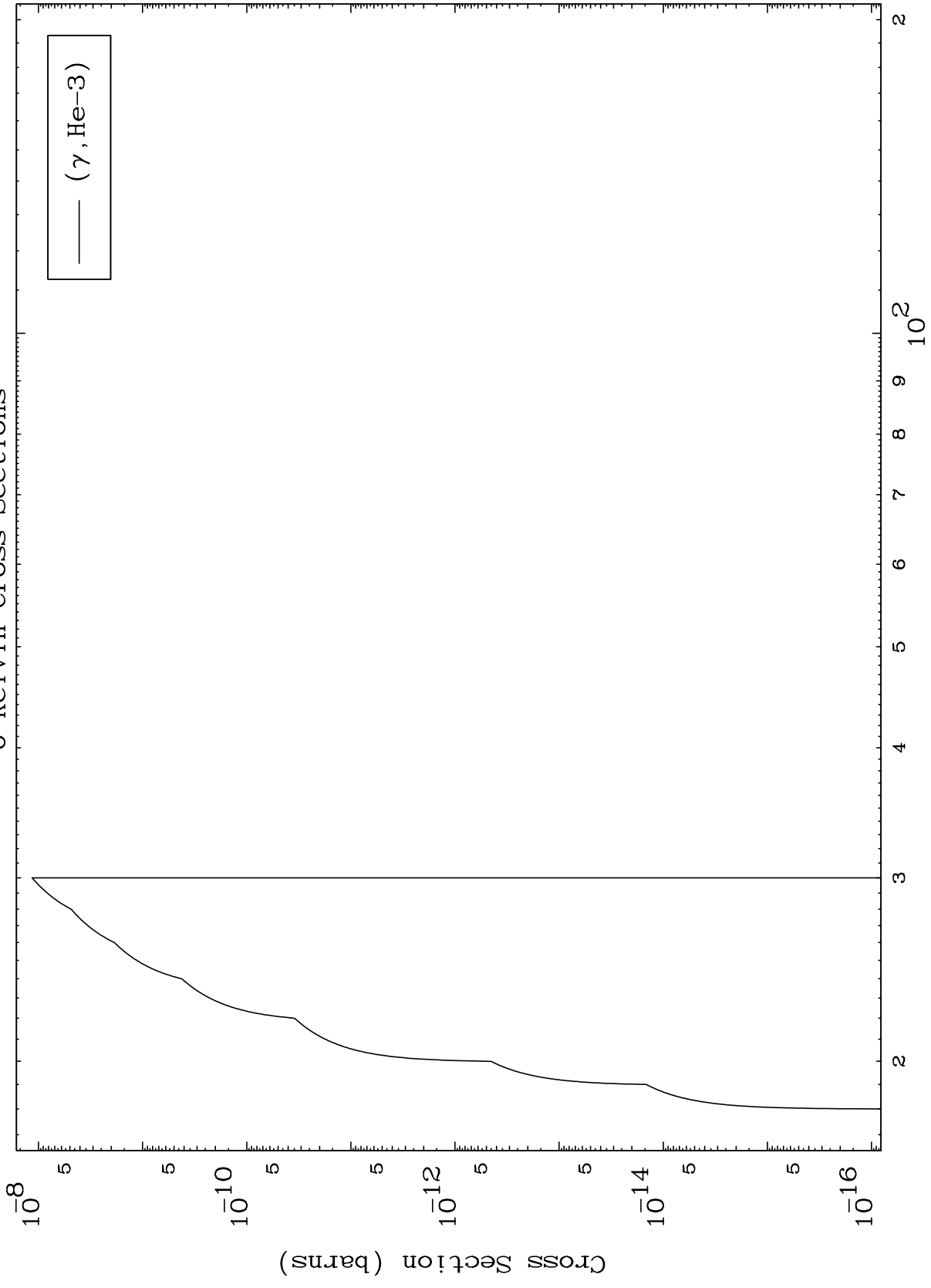
Incident Energy (MeV)

50-Sn-110

MAT 5019

( $\gamma, \text{He-3}$ ) Levels  
0 Kelvin Cross Sections

50-Sn-110



9

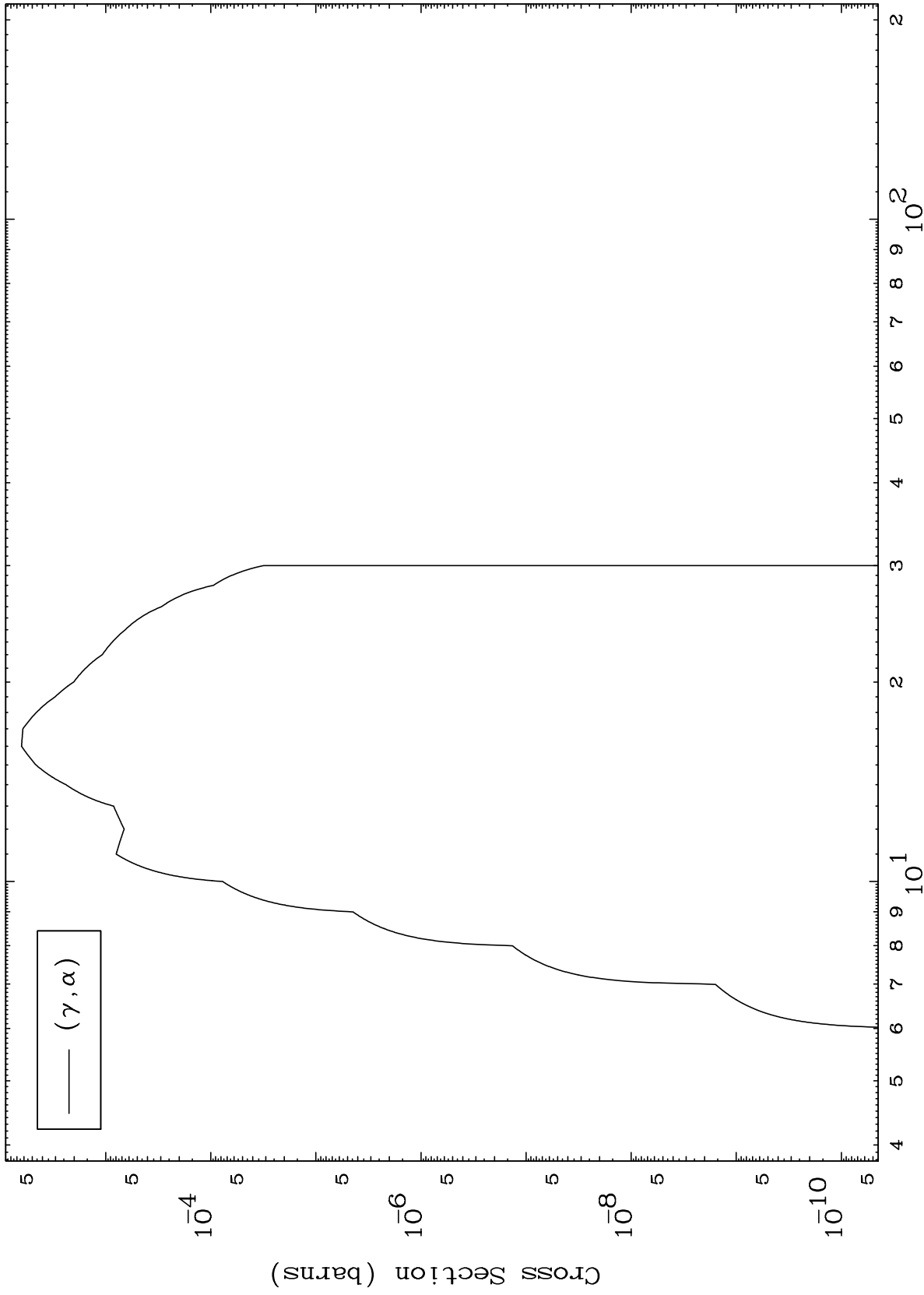
Incident Energy (MeV)

50-Sn-110

MAT 5019

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

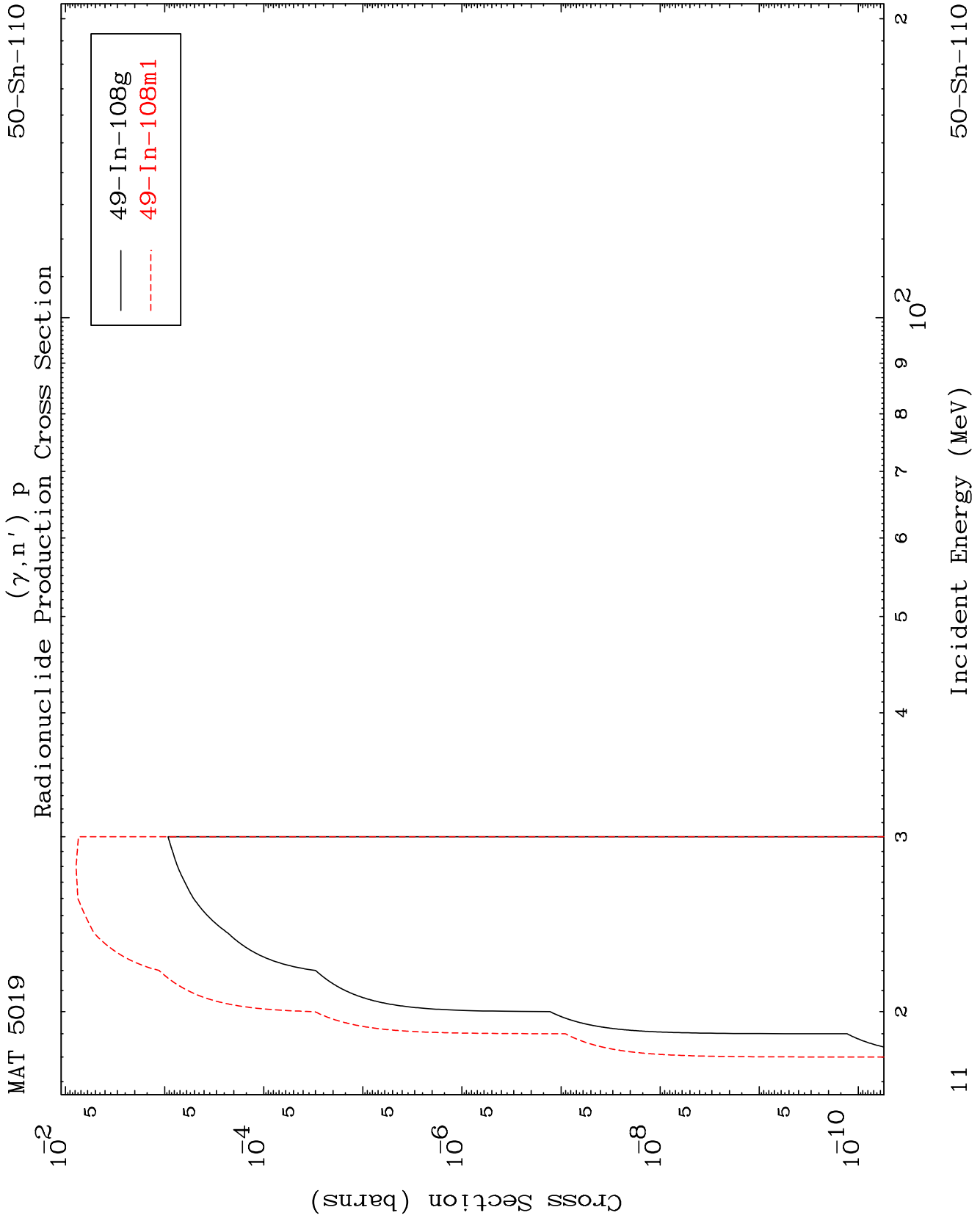
50-Sn-110



10

Incident Energy (MeV)

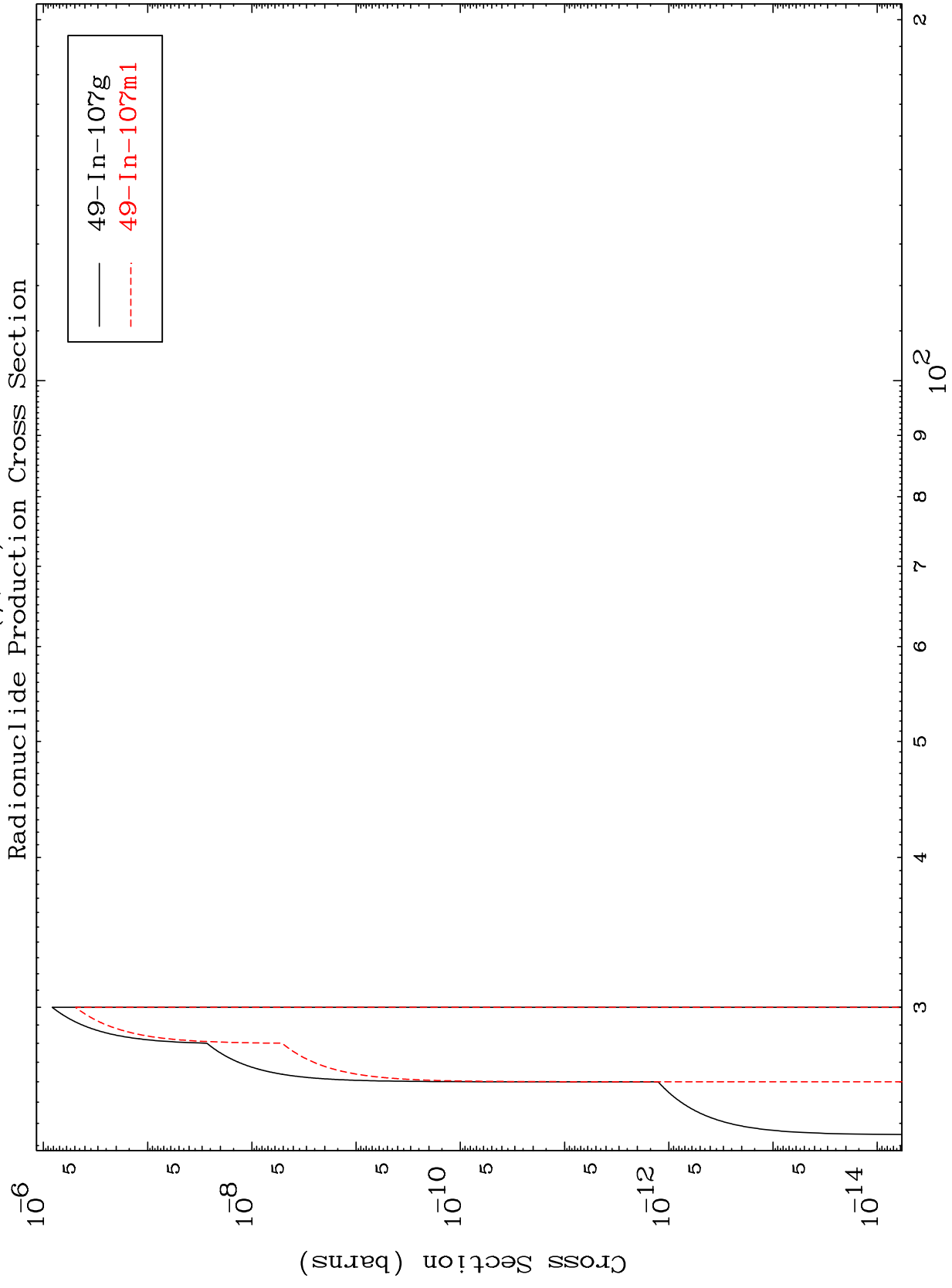
50-Sn-110



MAT 5019

( $\gamma, n'$ ) d

50-Sn-110



50-Sn-110

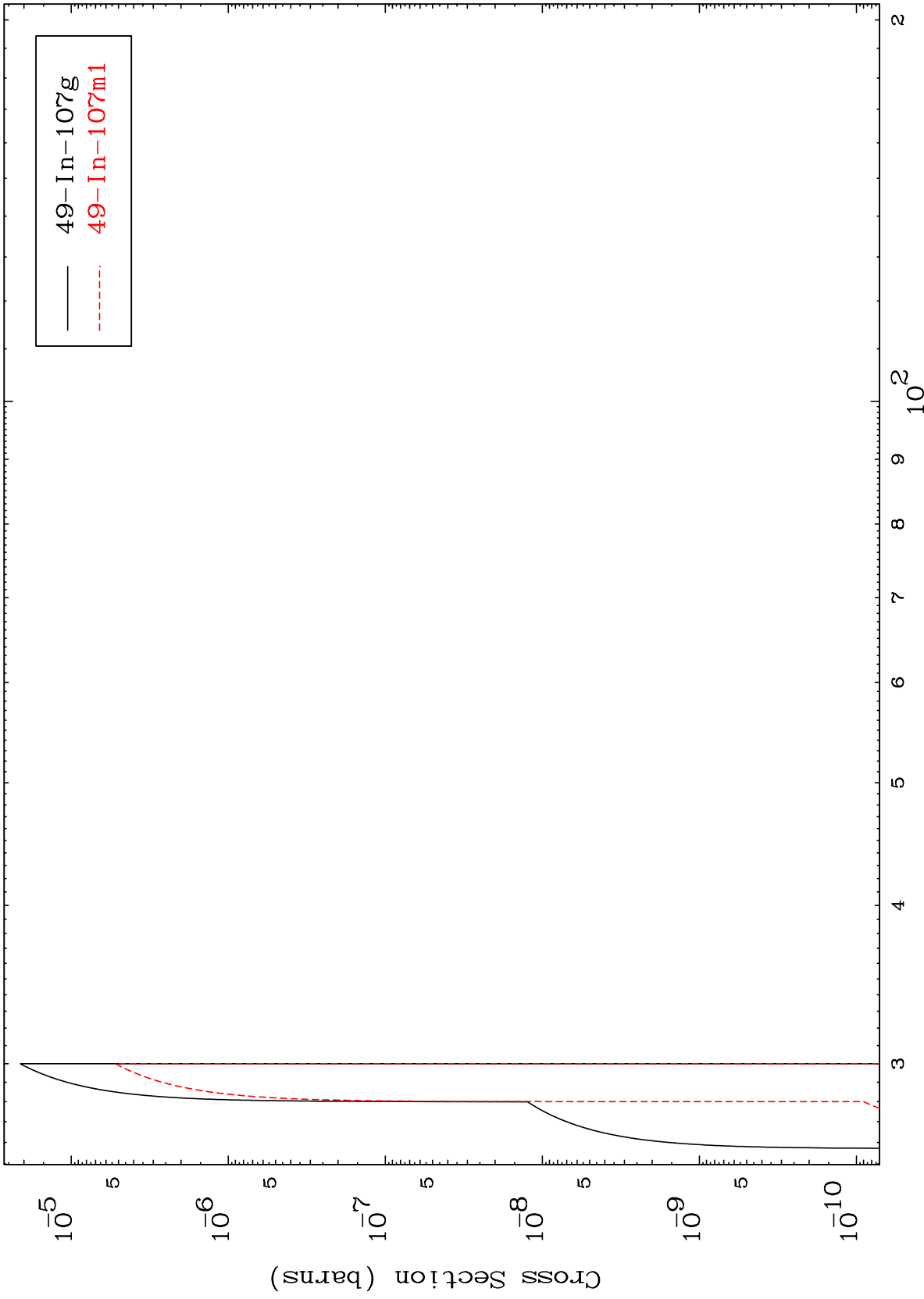
Incident Energy (MeV)

12

MAT 5019

50-Sn-110

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



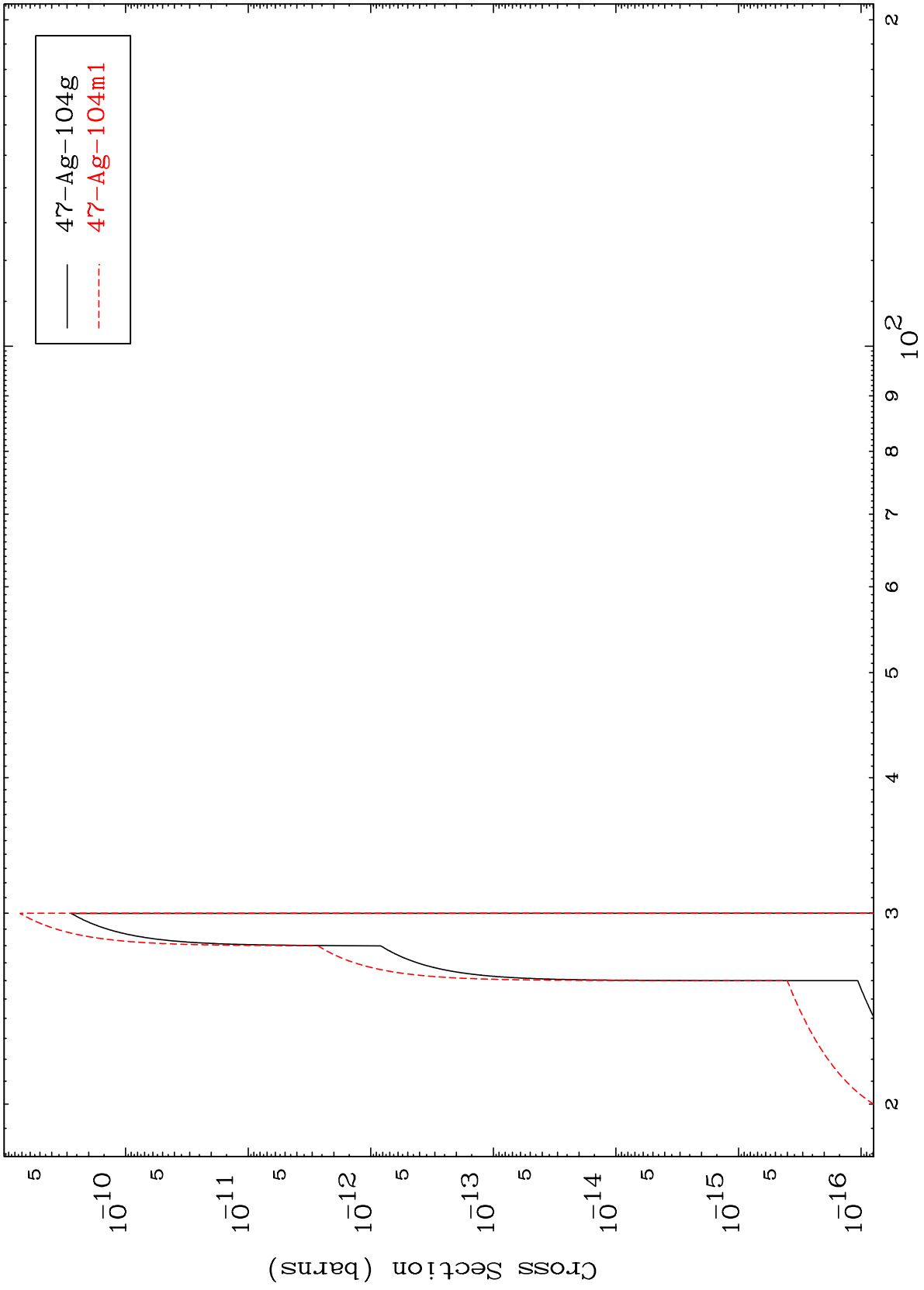
13

50-Sn-110

MAT 5019

50-Sn-110

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



14

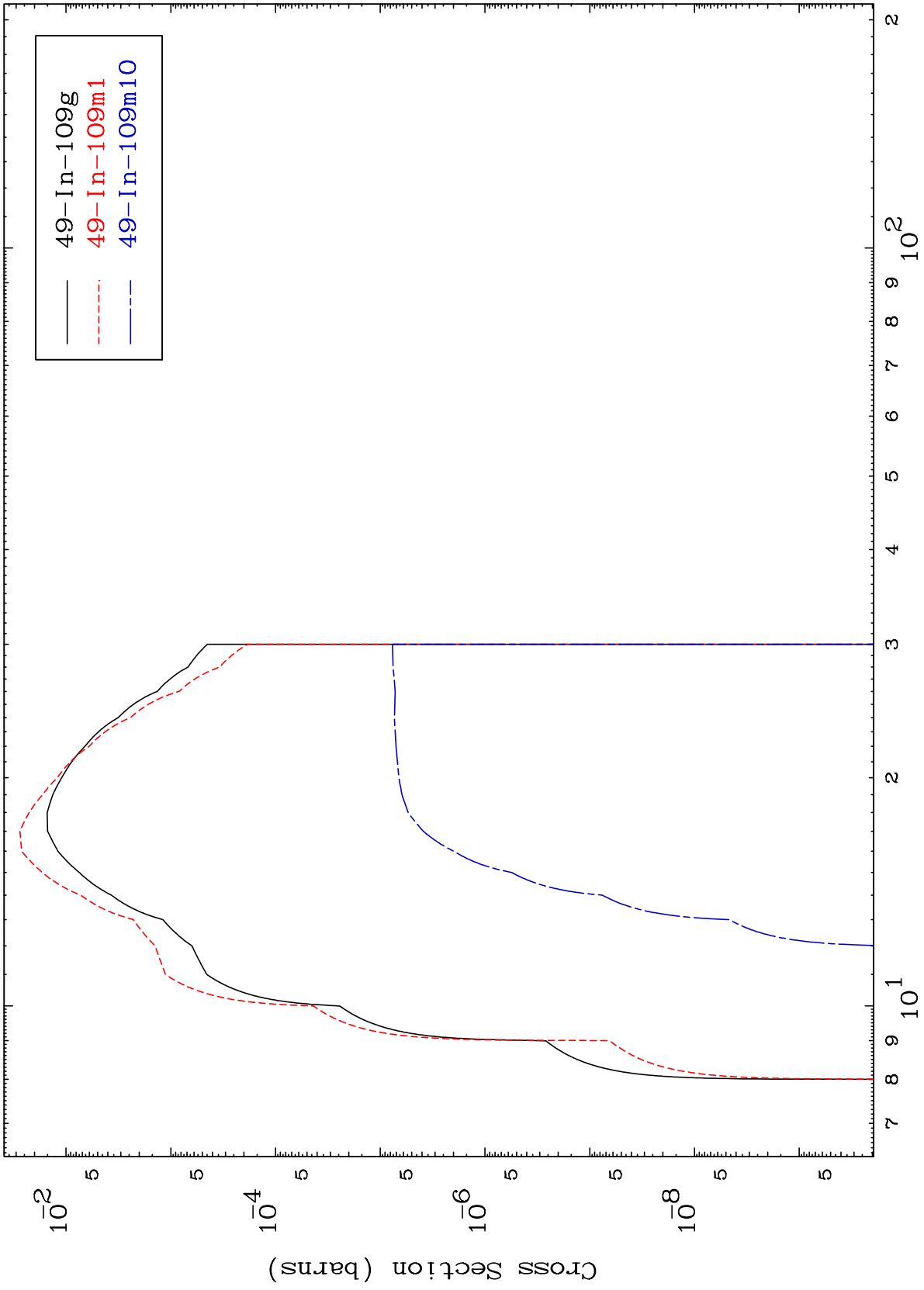
Incident Energy (MeV)

50-Sn-110

MAT 5019

50-Sn-110

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



15

Incident Energy (MeV)

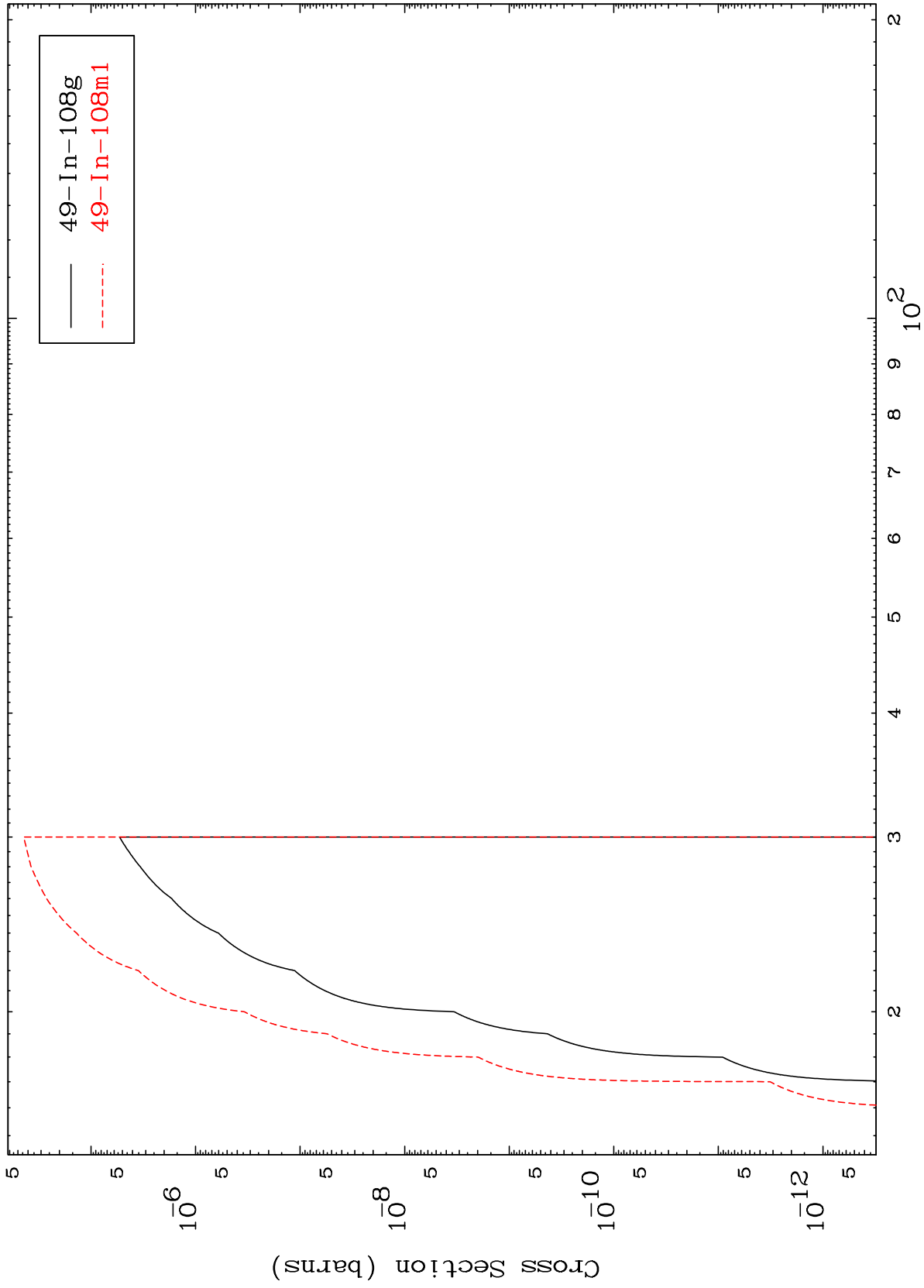
50-Sn-110



MAT 5019

50-Sn-110

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



16

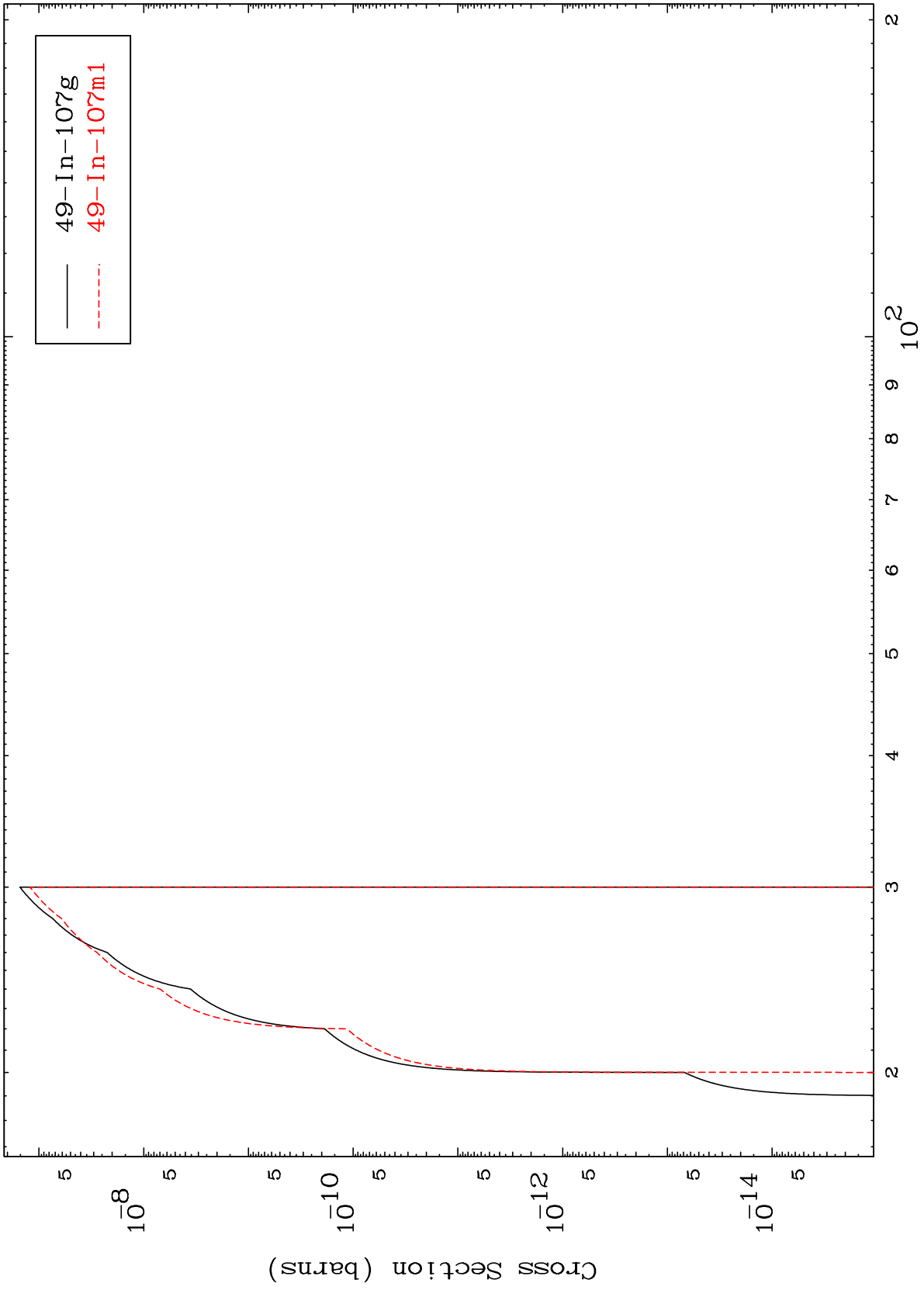
Incident Energy (MeV)

50-Sn-110

MAT 5019

50-Sn-110

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



17

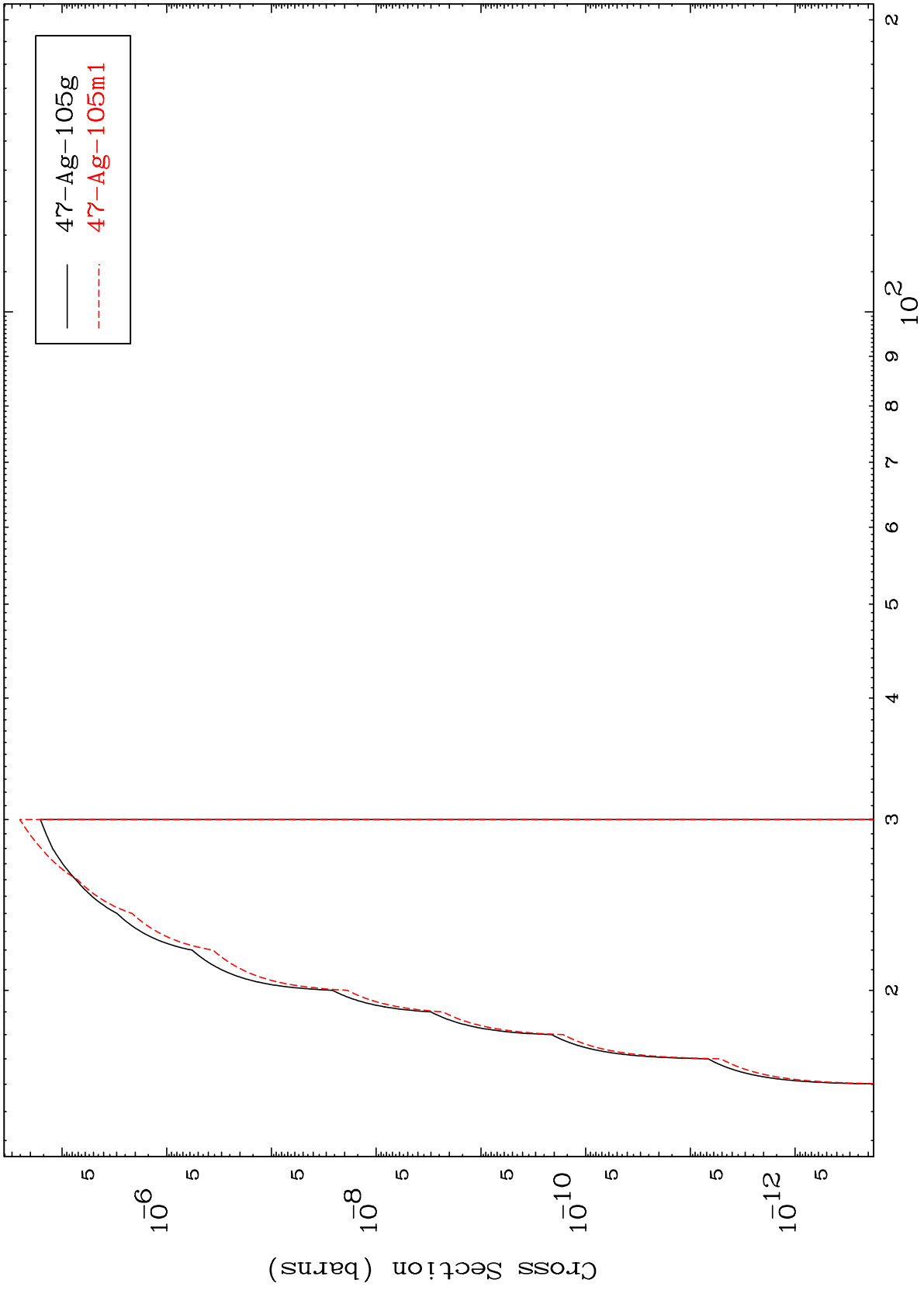
Incident Energy (MeV)

50-Sn-110

MAT 5019

50-Sn-110

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



18

Incident Energy (MeV)

50-Sn-110