

Program EVALPLOT  
(Version 2017-1)

by

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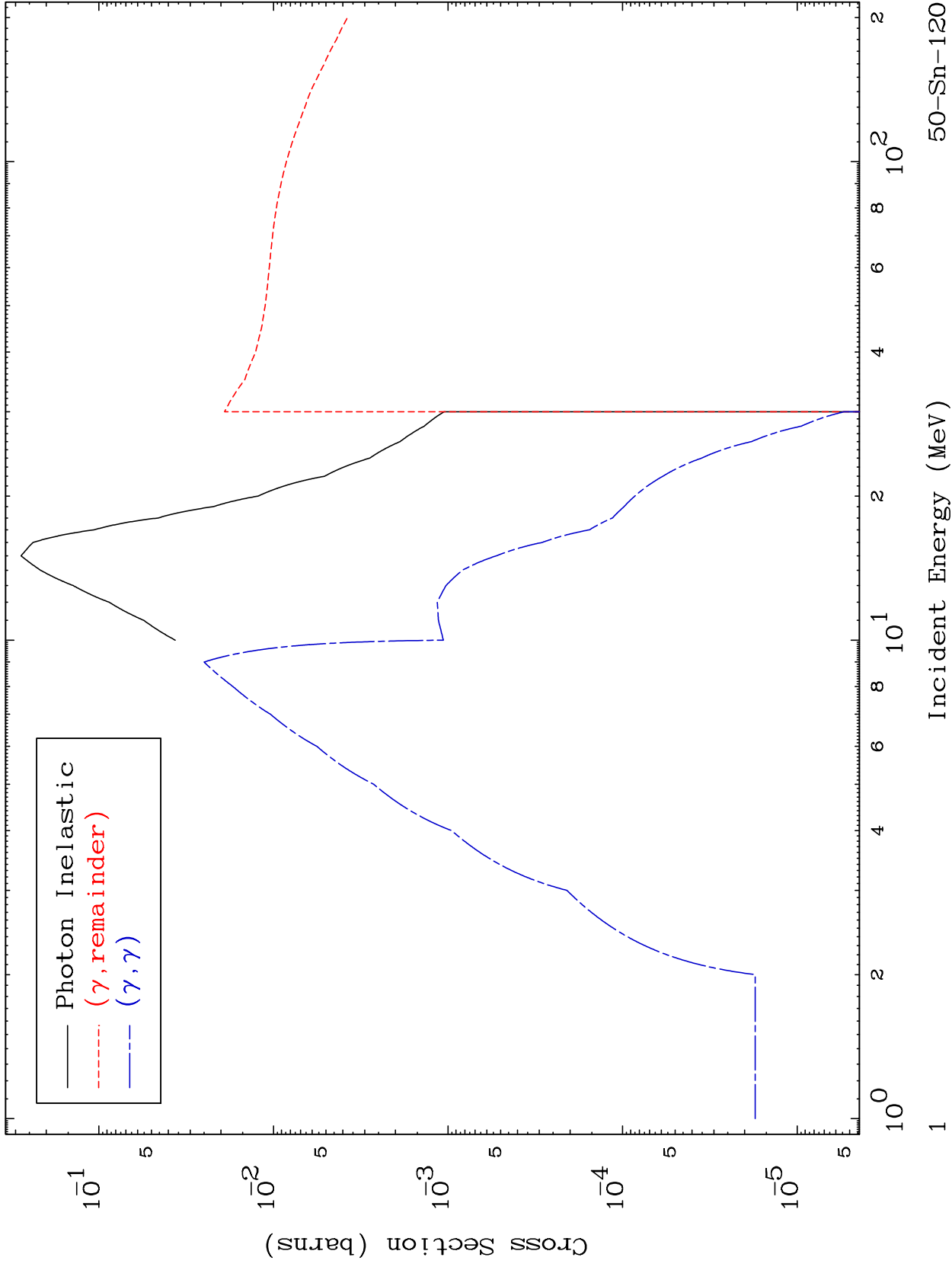
Press Mouse Button to Start

MAT 5049

Photon Major

50-Sn-120

0 Kelvin Cross Sections



— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- - -  $(\gamma, \gamma)$

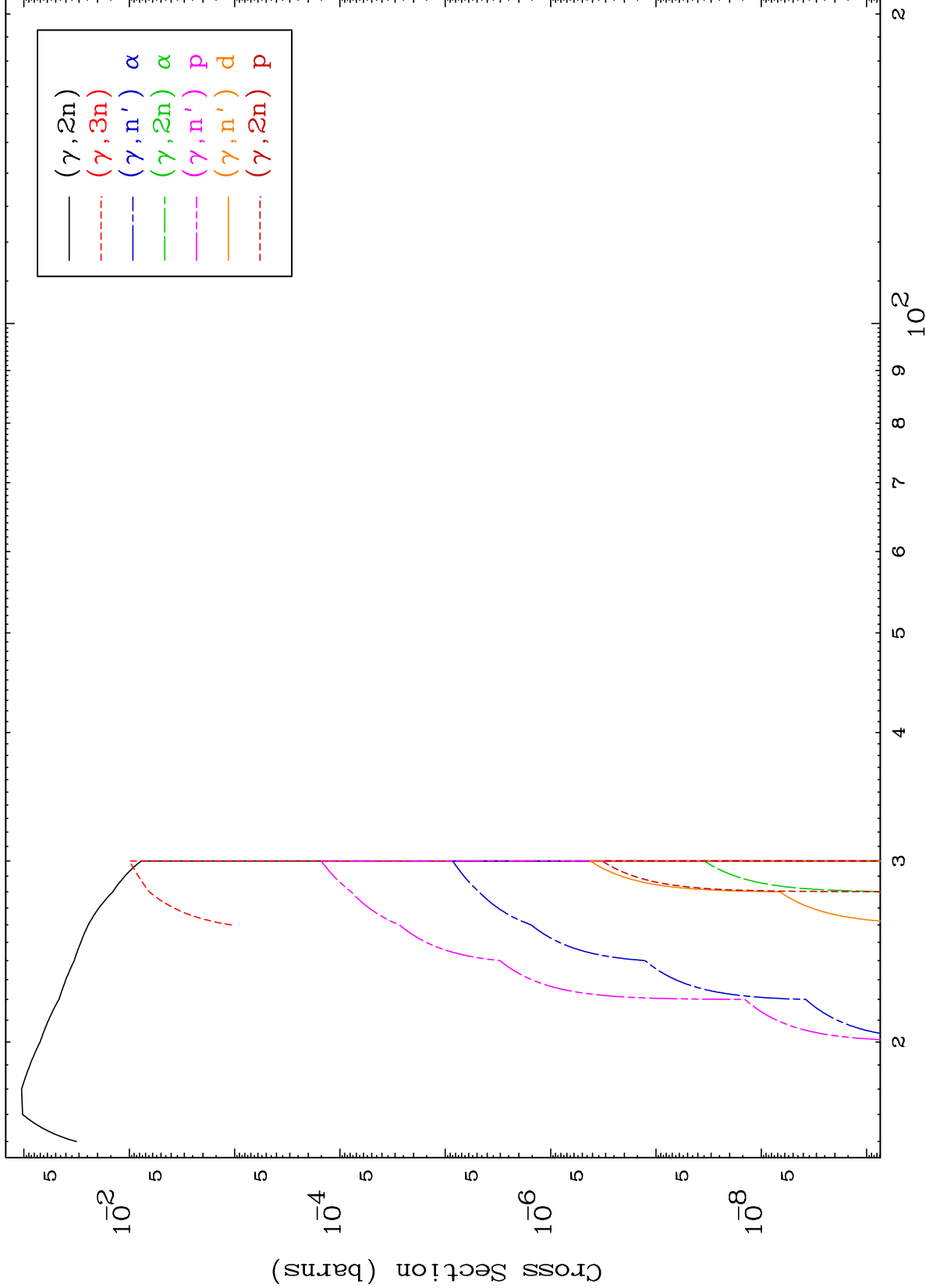
Incident Energy (MeV)

50-Sn-120

MAT 5049

Photon Neutron Production  
0 Kelvin Cross Sections

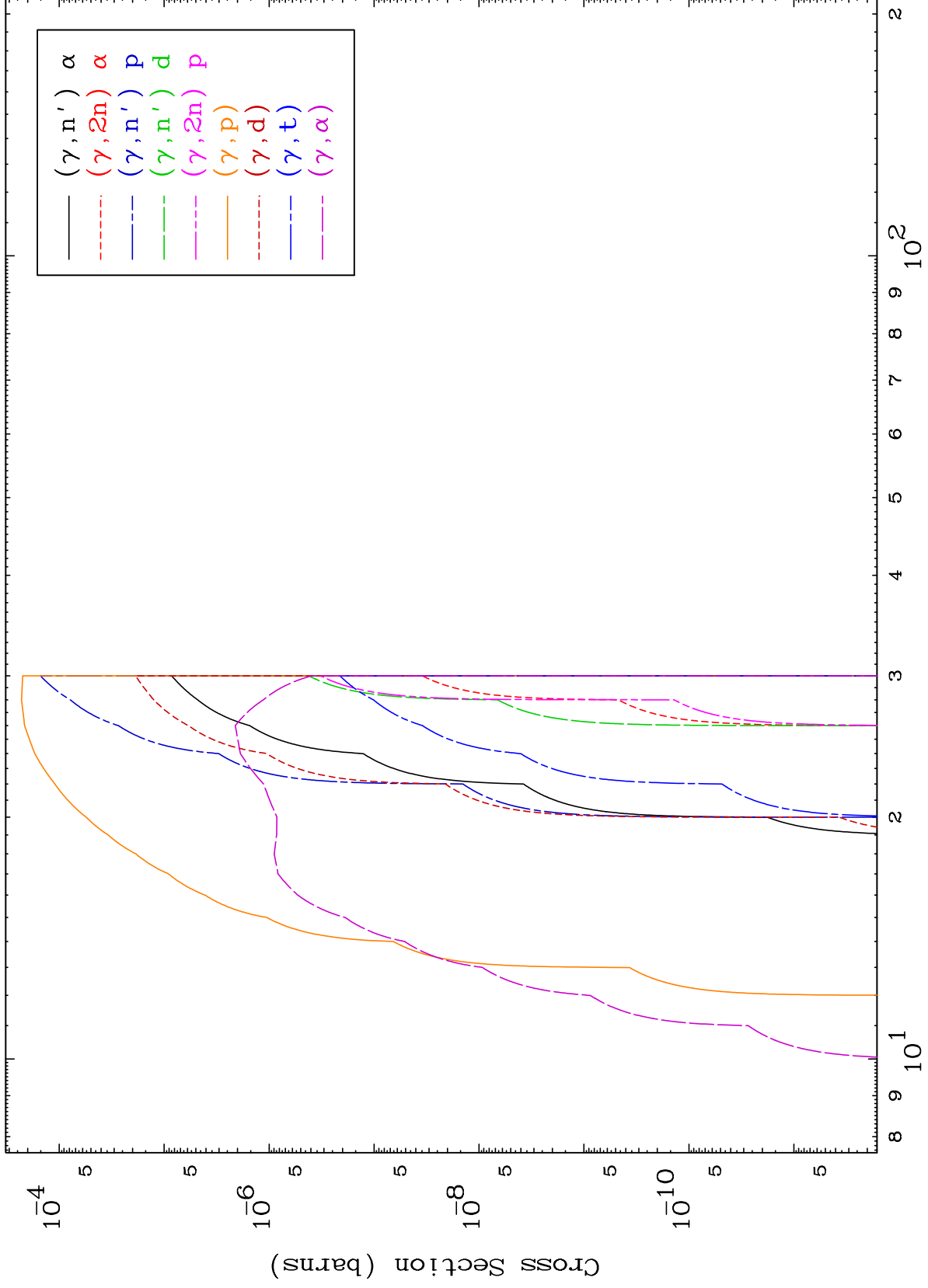
50-Sn-120



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Incident Energy (MeV)

50-Sn-120

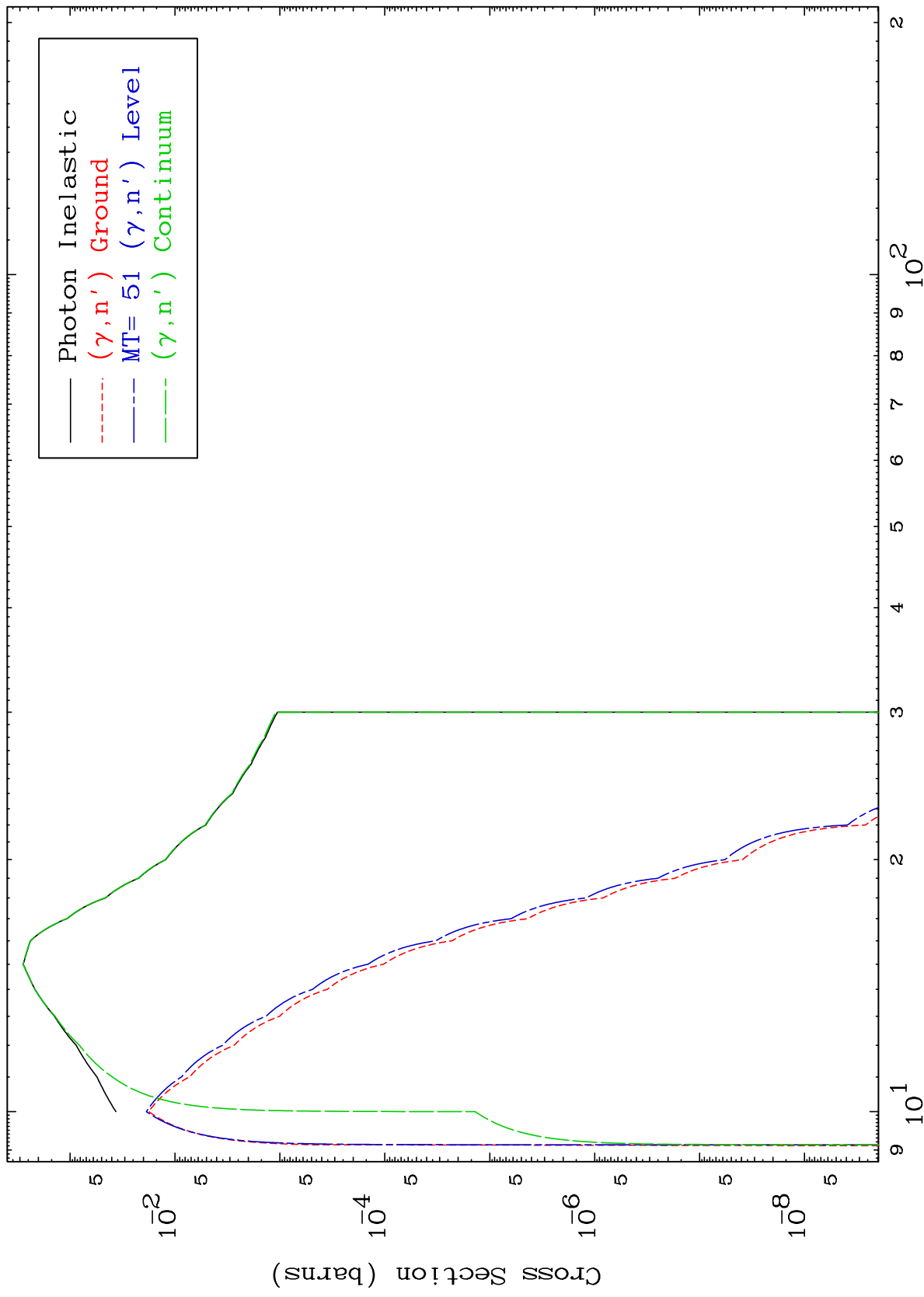


MAT 5049

$(\gamma, n')$  Level

50-Sn-120

0 Kelvin Cross Sections



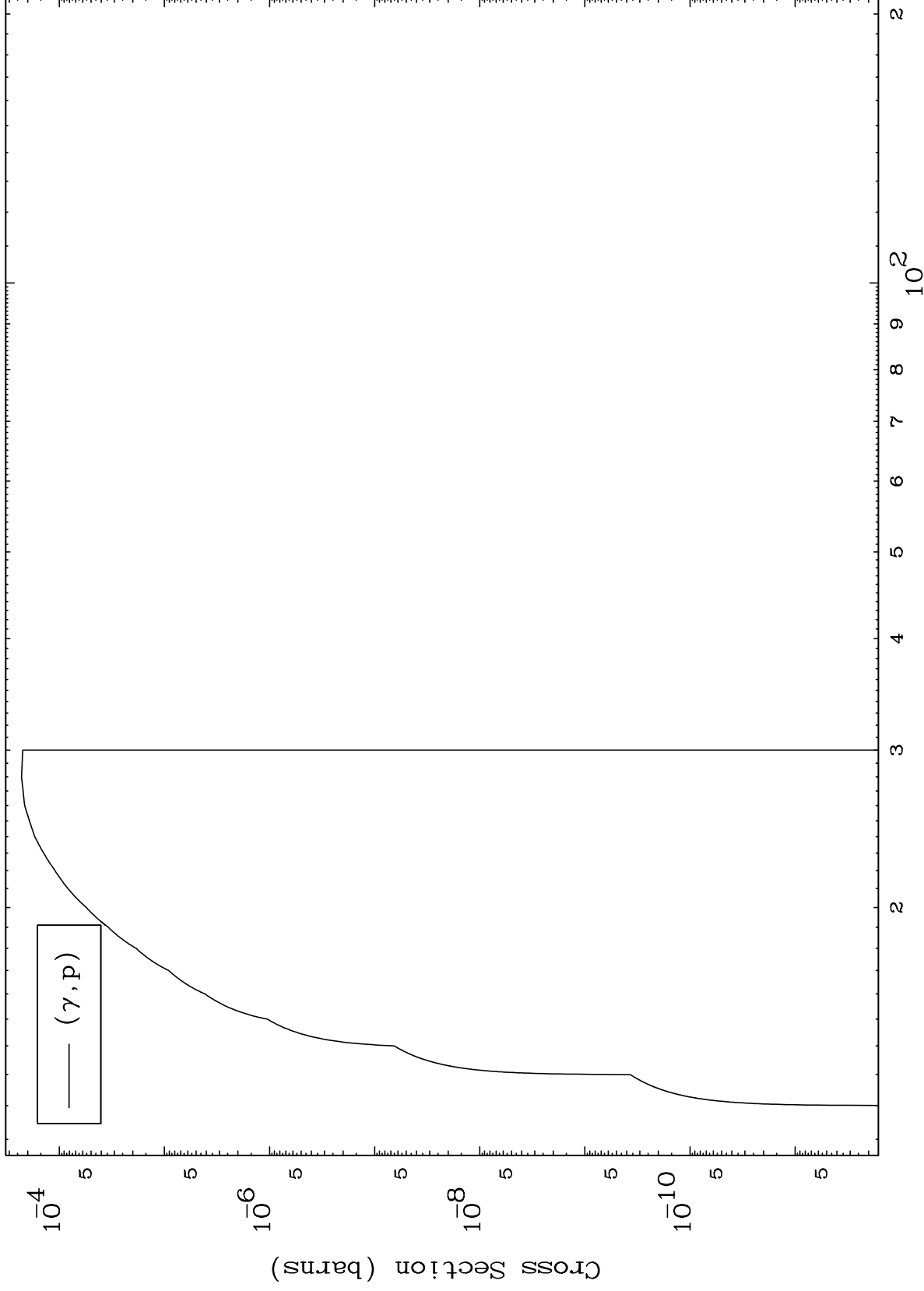
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



5

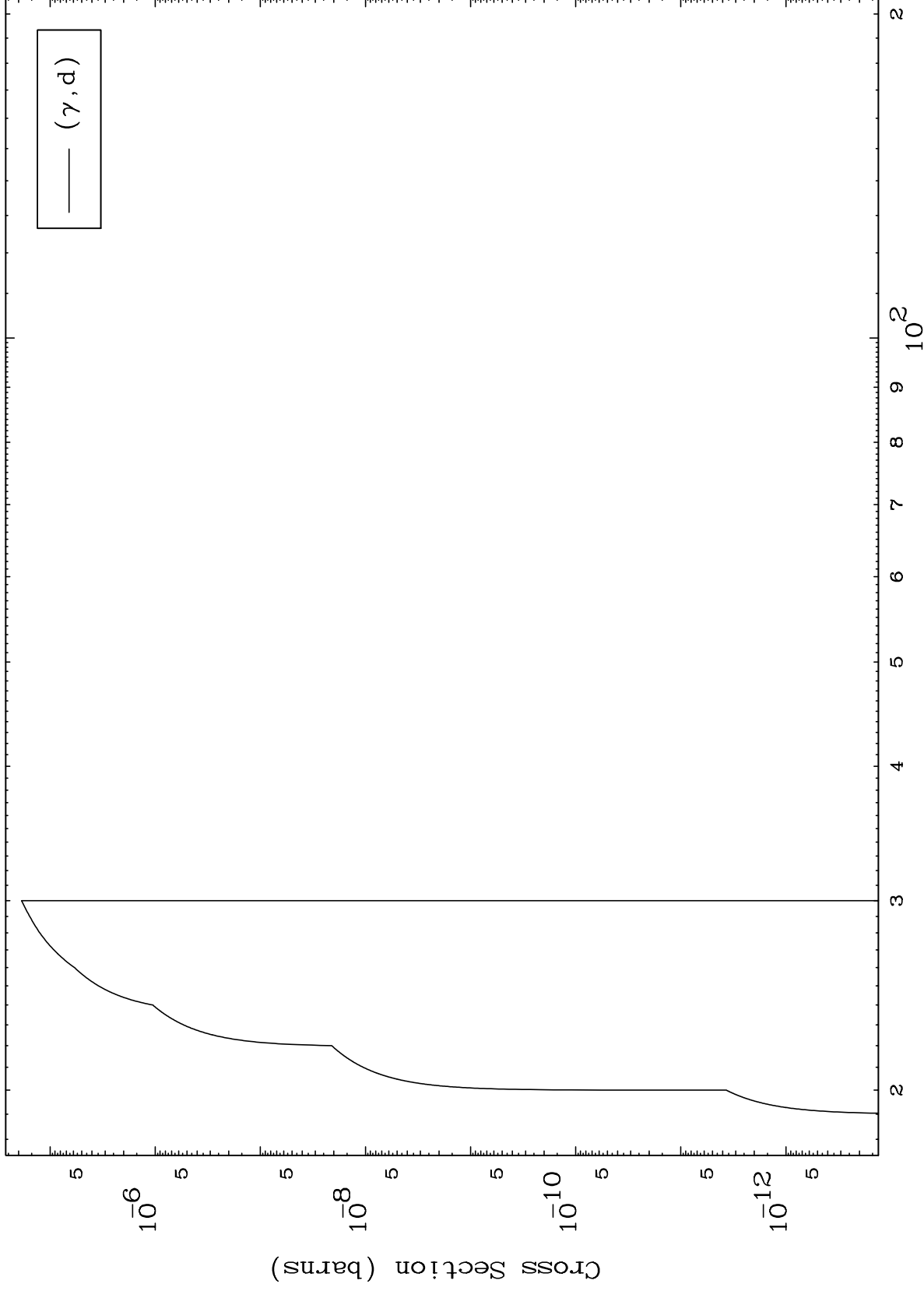
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



6

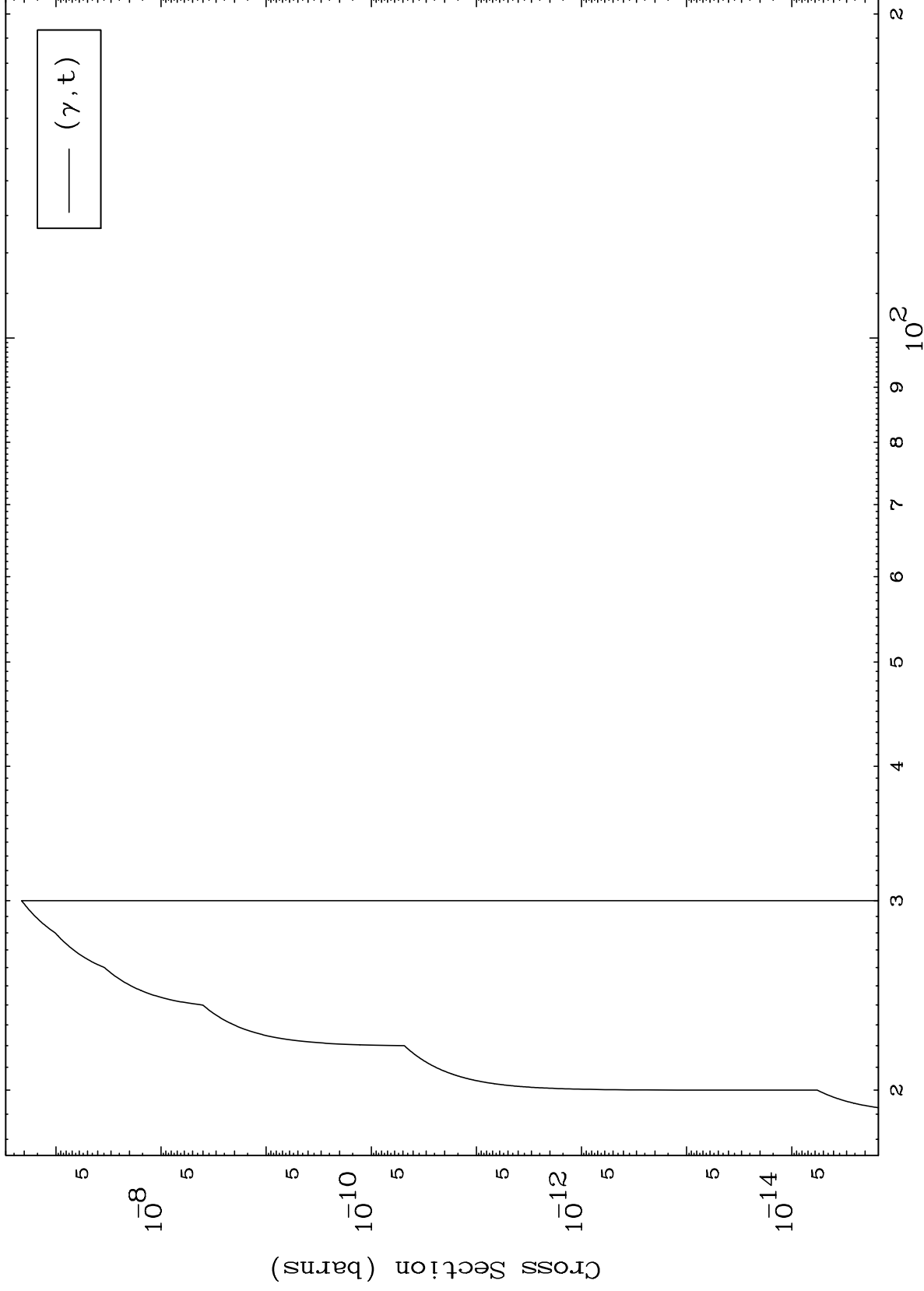
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



7

Incident Energy (MeV)

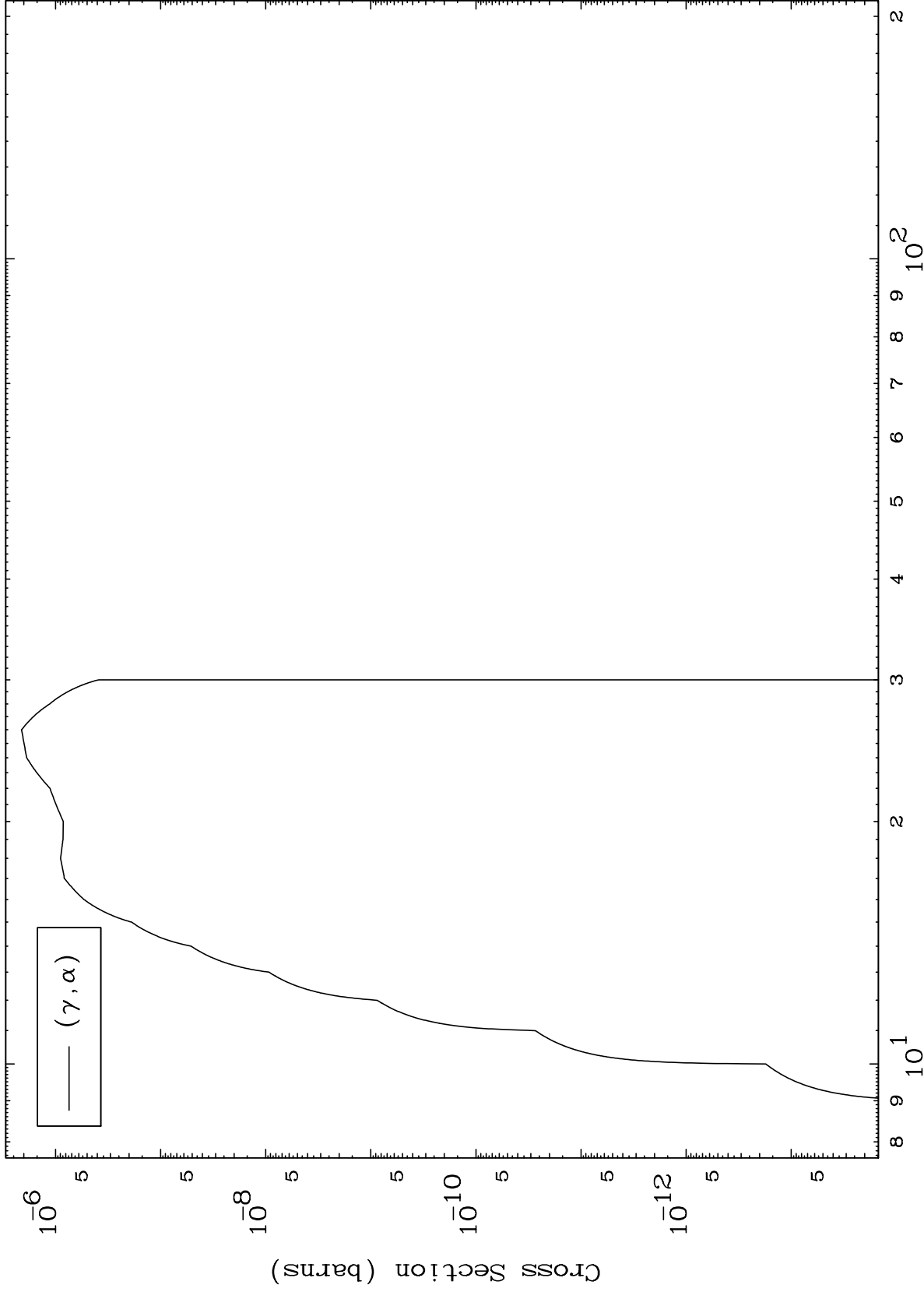
50-Sn-120



MAT 5049

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

50-Sn-120



8

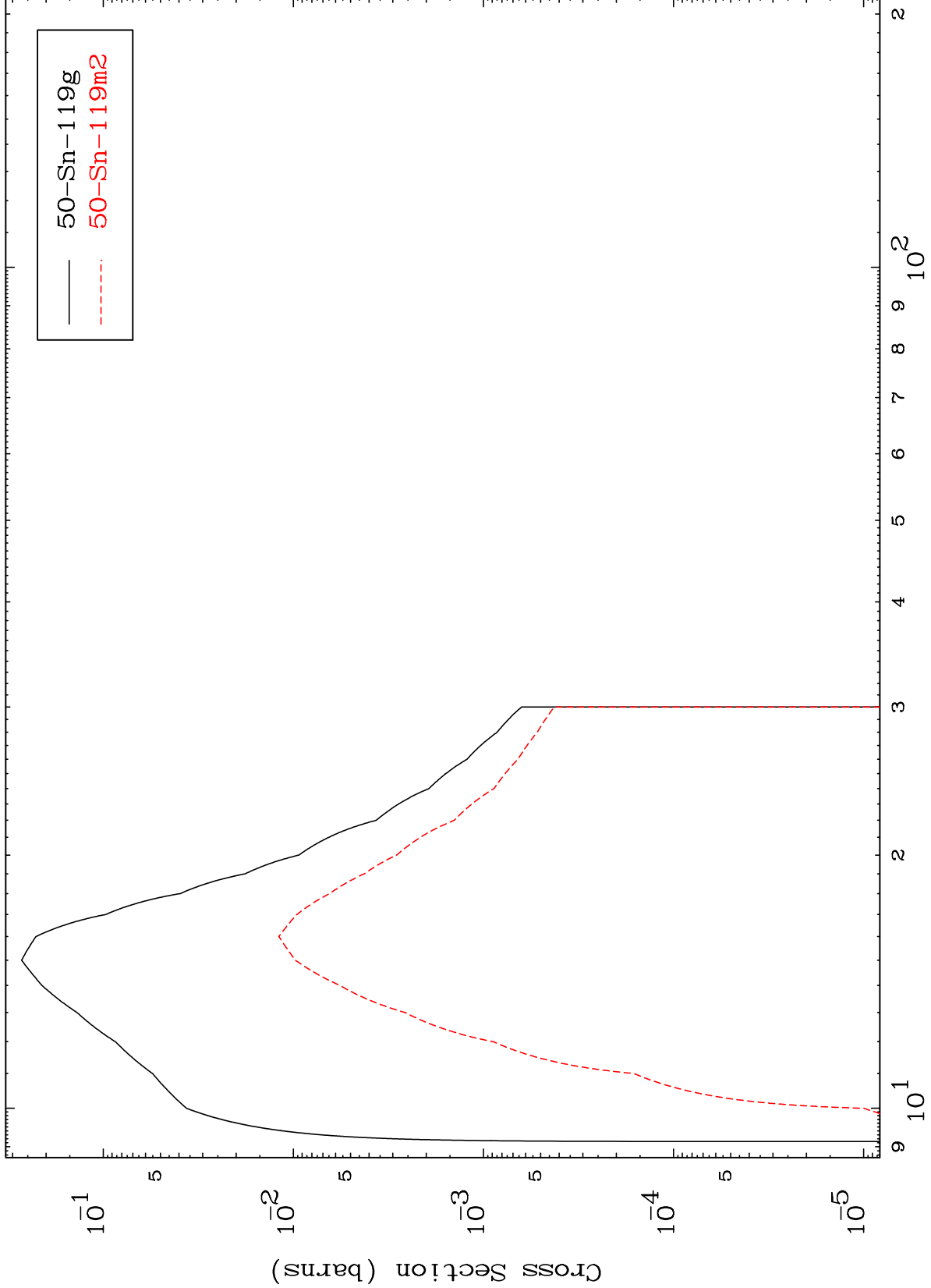
Incident Energy (MeV)

50-Sn-120

MAT 5049

Photon Inelastic  
Radionuclide Production Cross Section

50-Sn-120



50-Sn-119g  
50-Sn-119m2

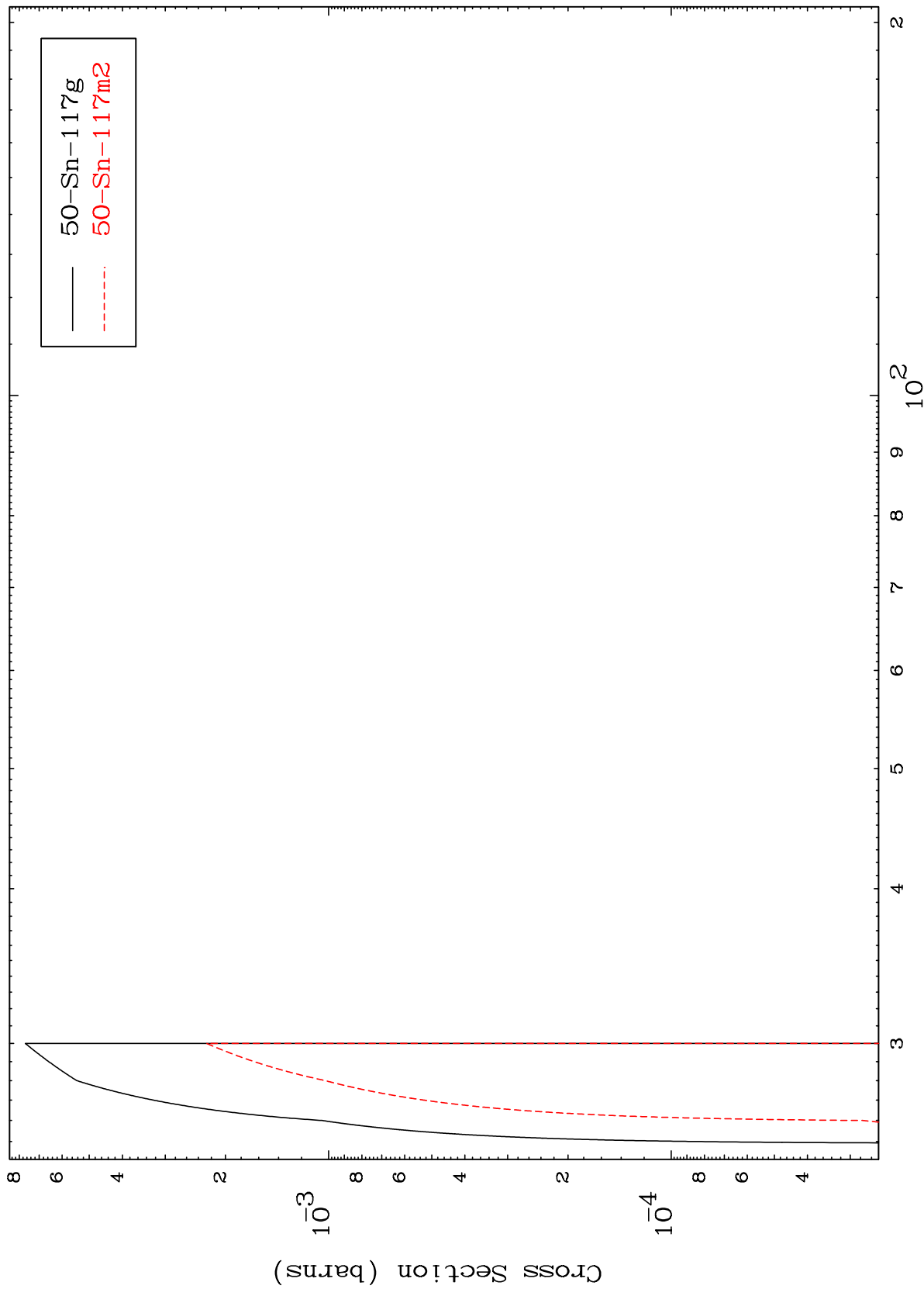
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

$(\gamma, 3n)$   
Radionuclide Production Cross Section



50-Sn-117g  
50-Sn-117m2

50-Sn-120

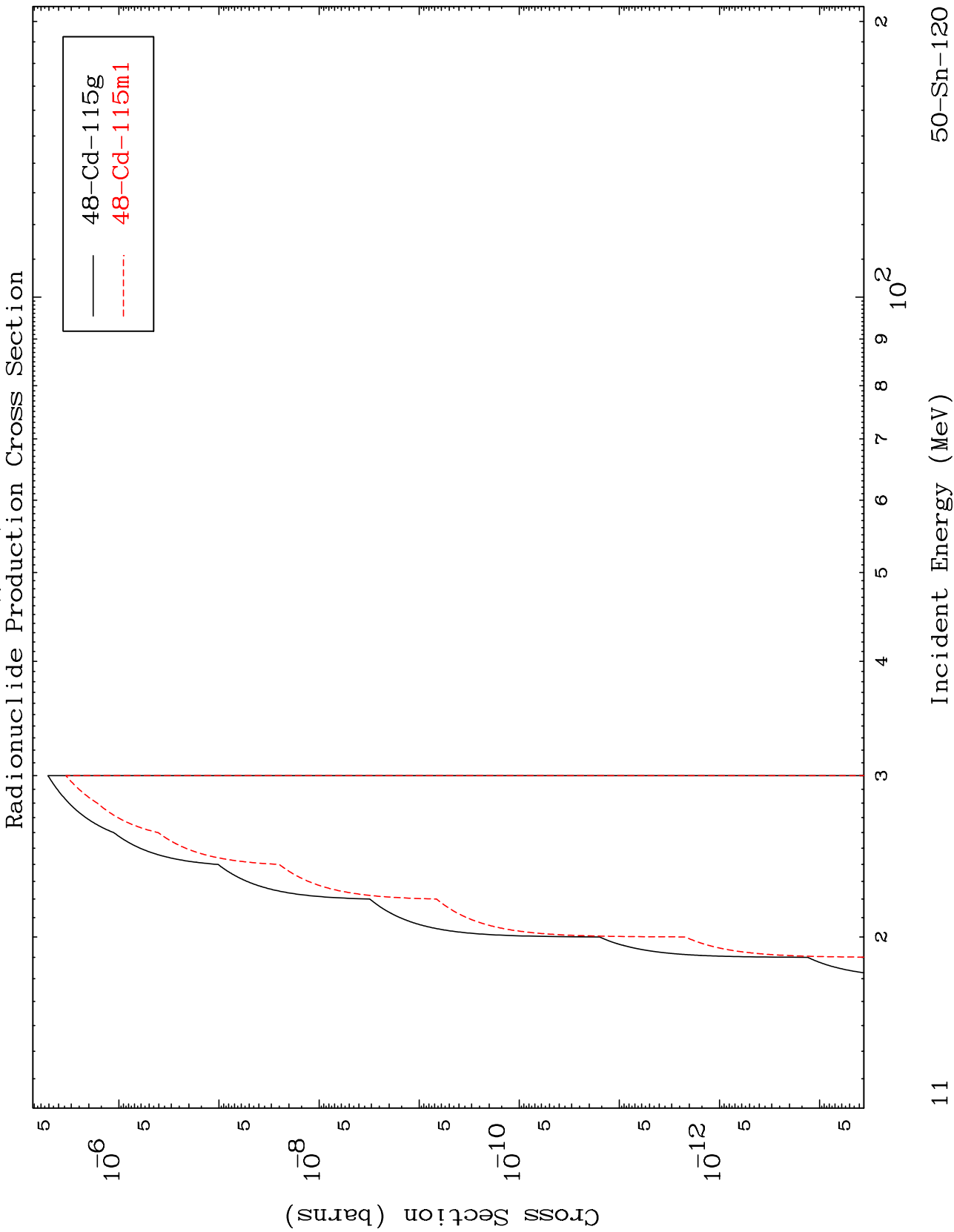
Incident Energy (MeV)

10

MAT 5049

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

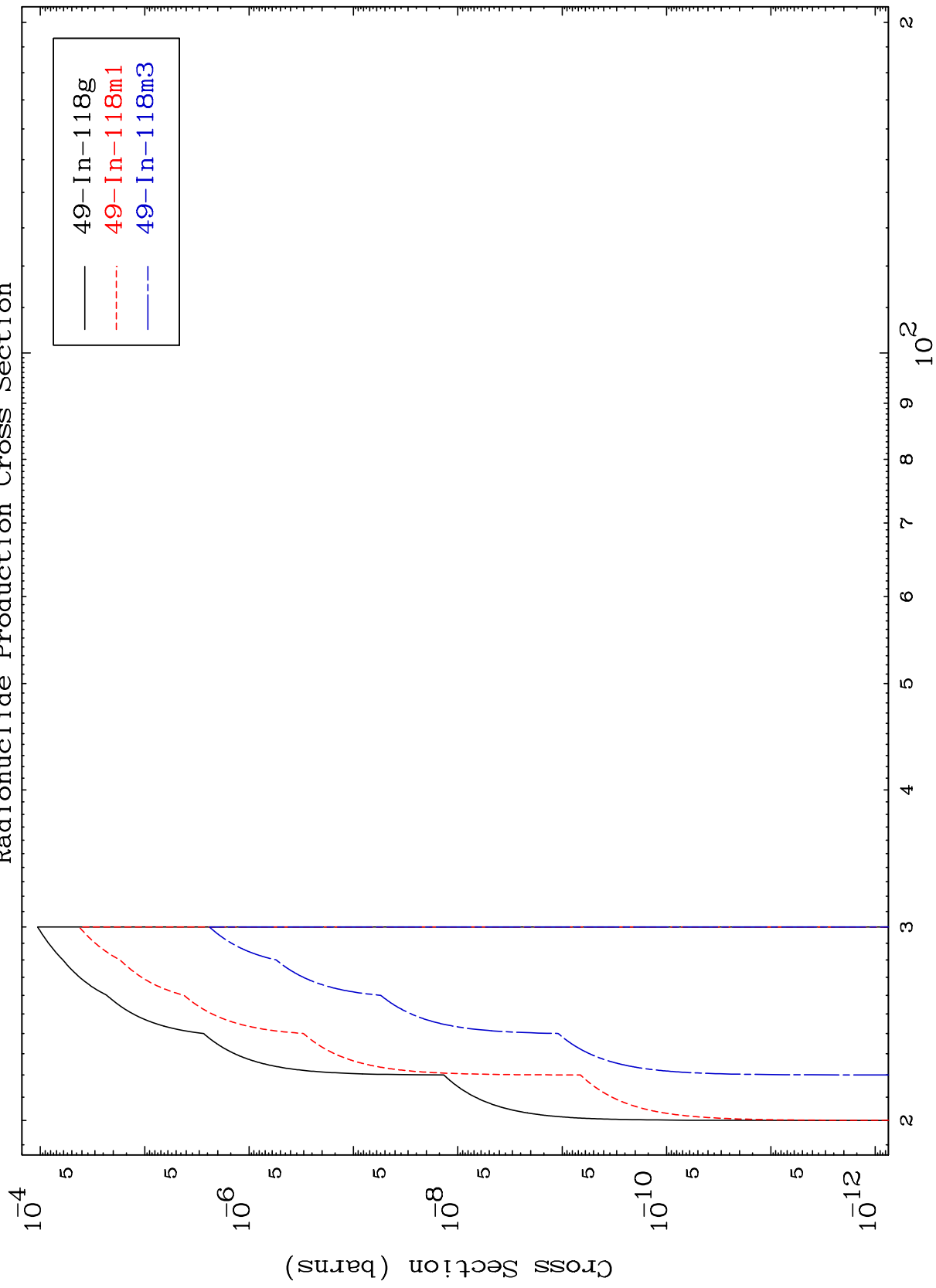
50-Sn-120



MAT 5049

50-Sn-120

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



12

Incident Energy (MeV)

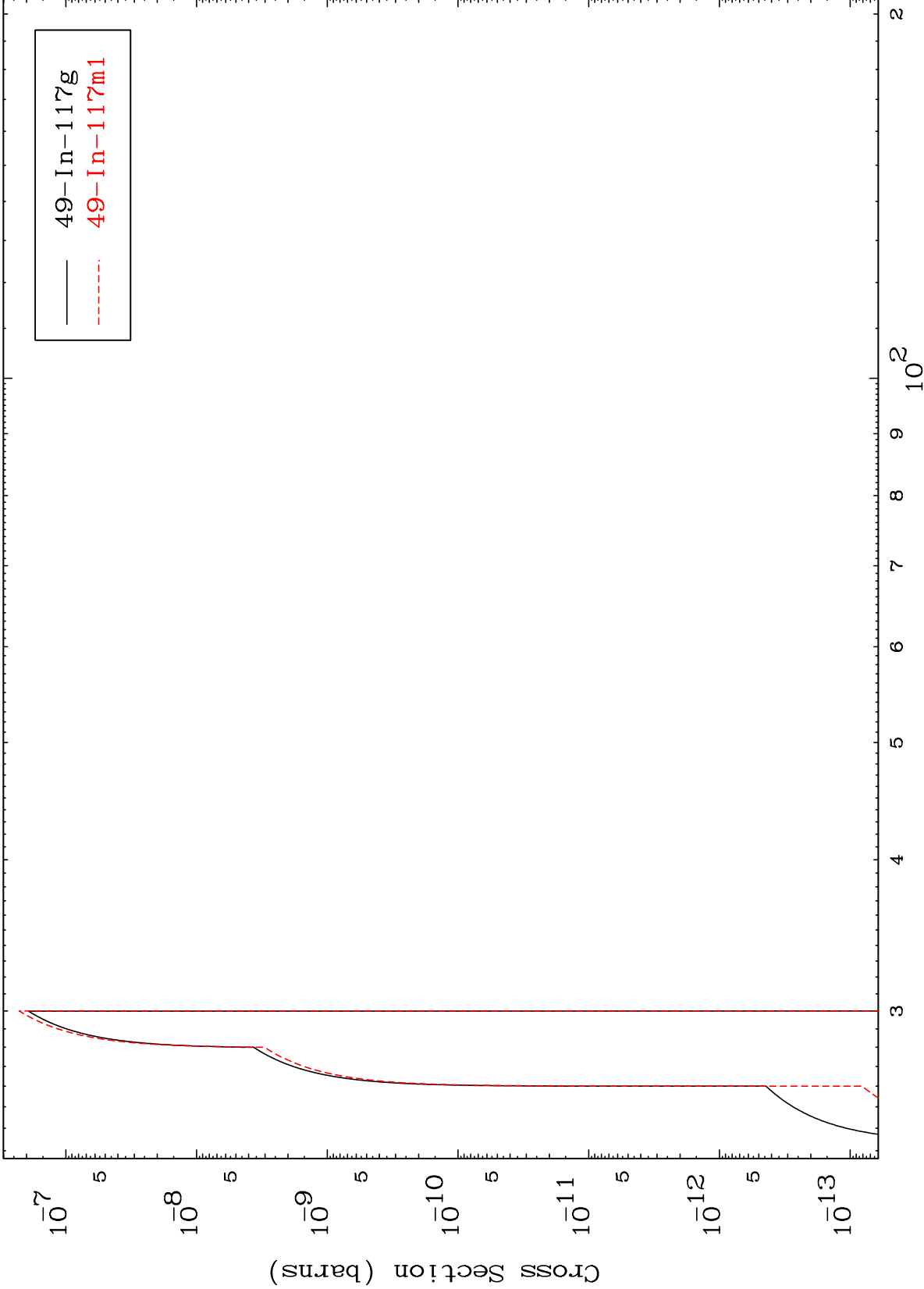
50-Sn-120

MAT 5049

( $\gamma, n'$ ) d

50-Sn-120

Radionuclide Production Cross Section



13

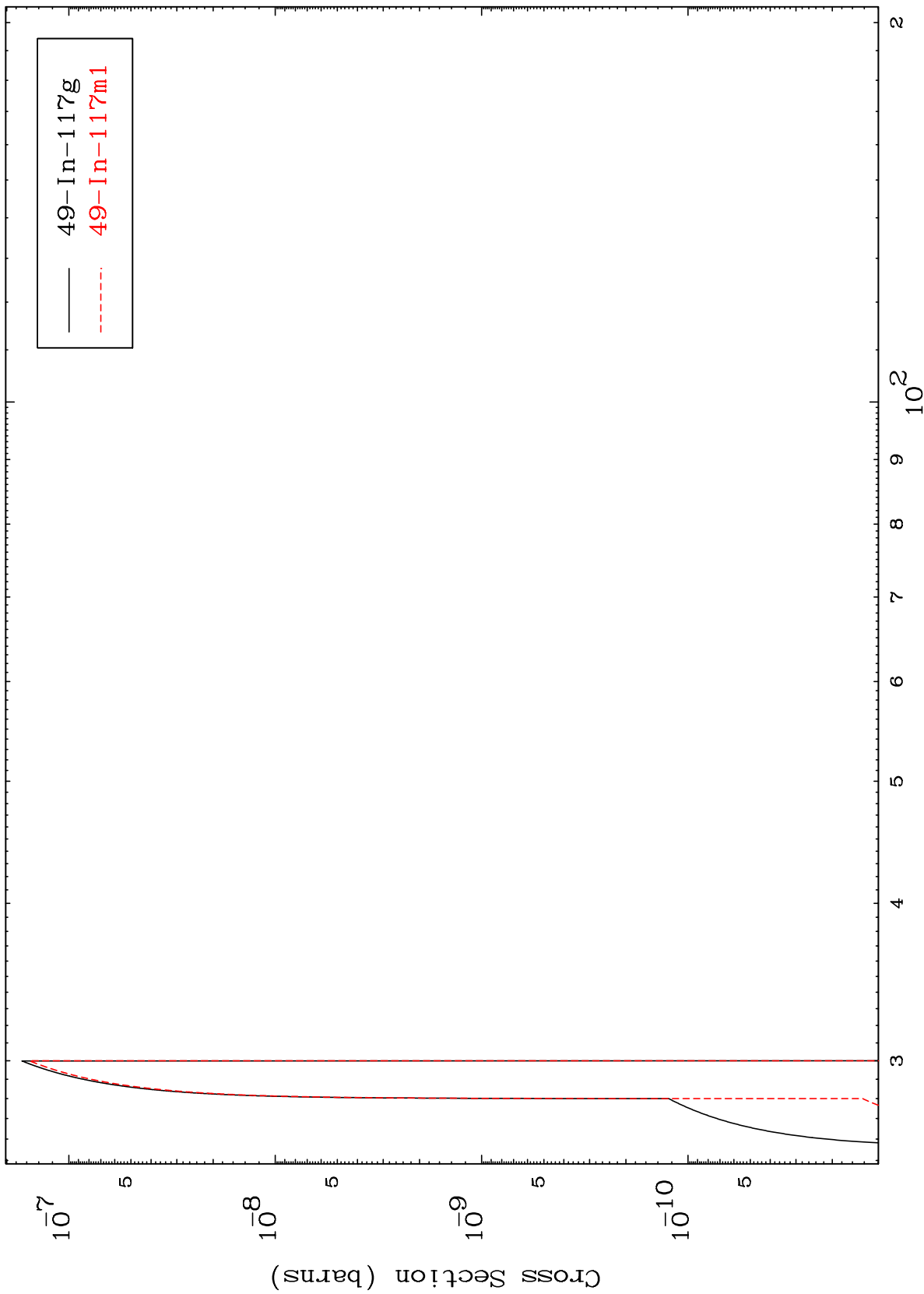
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

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



50-Sn-120

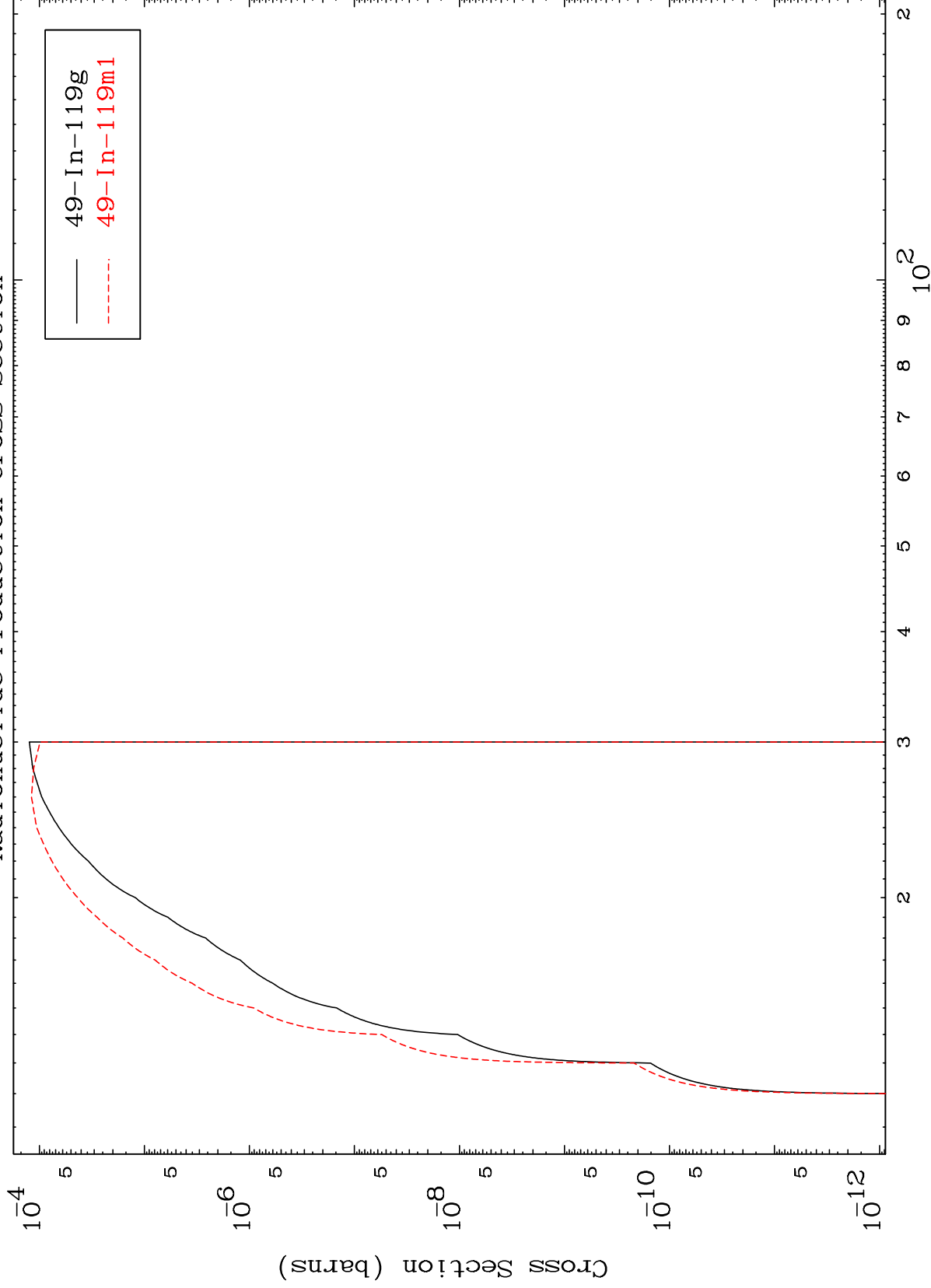
Incident Energy (MeV)

14

MAT 5049

50-Sn-120

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



15

Incident Energy (MeV)

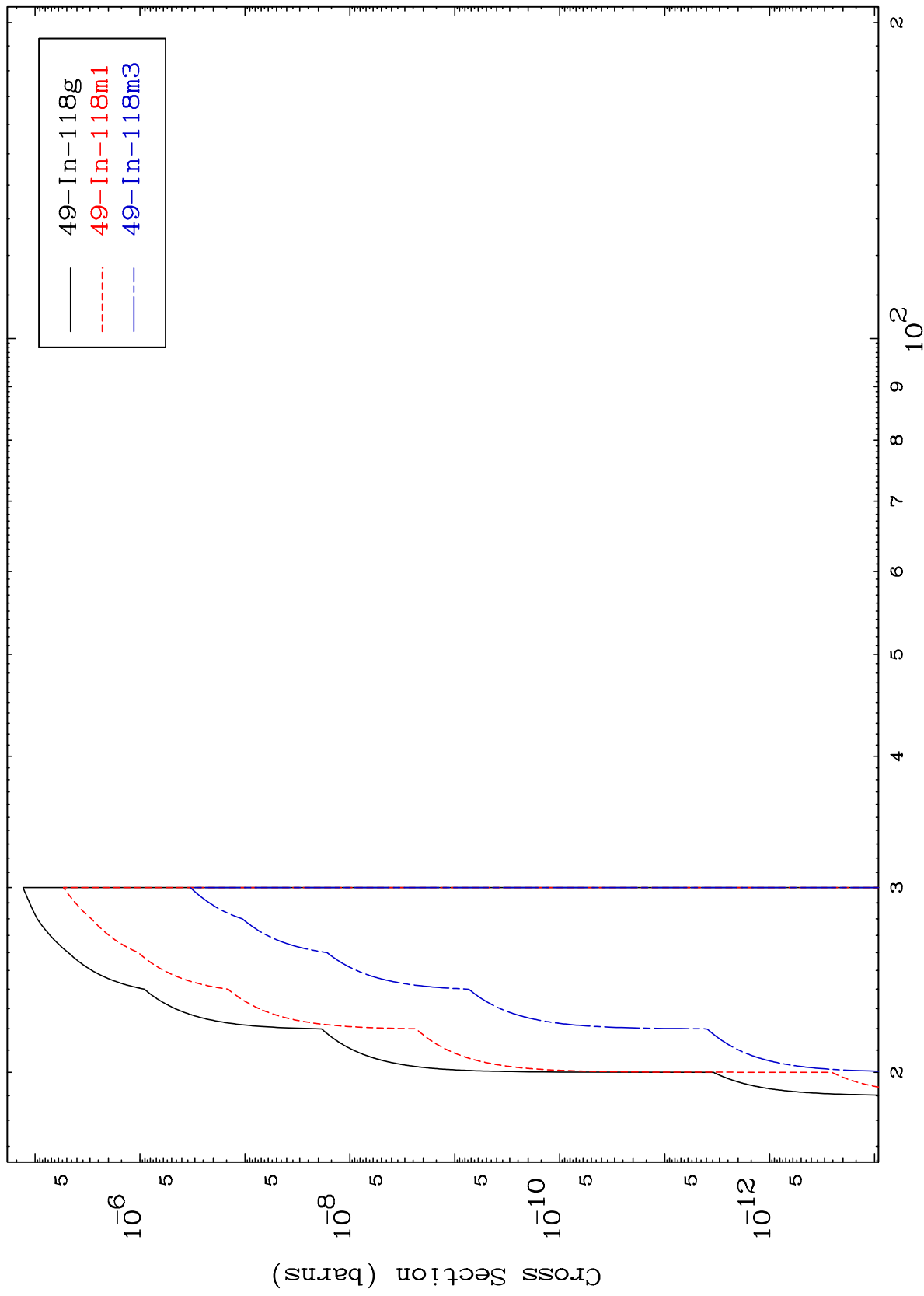
50-Sn-120



MAT 5049

50-Sn-120

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



16

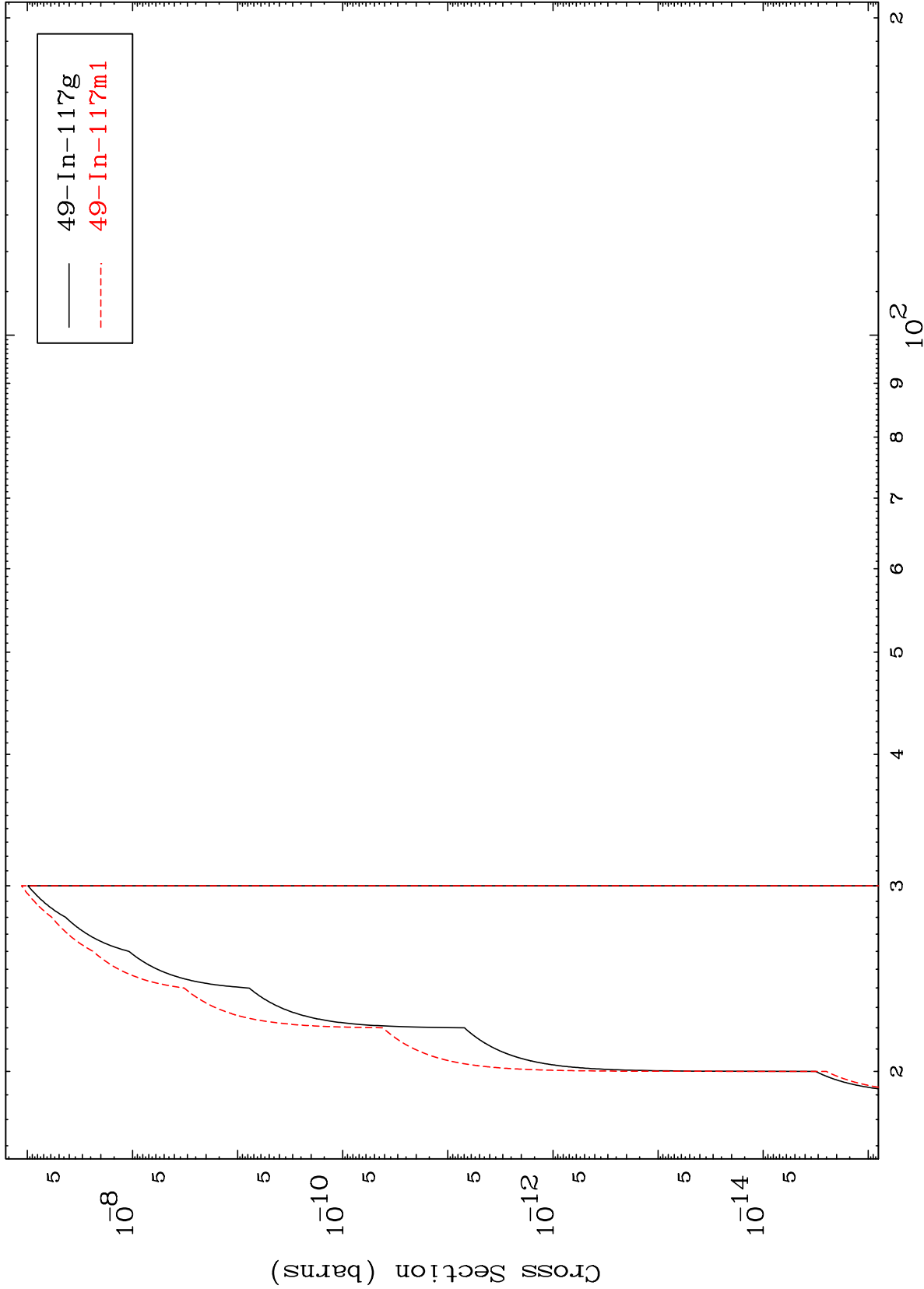
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

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



50-Sn-120

Incident Energy (MeV)

17