

Program EVALPLOT  
(Version 2017-1)

by

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(Present Contact Information)

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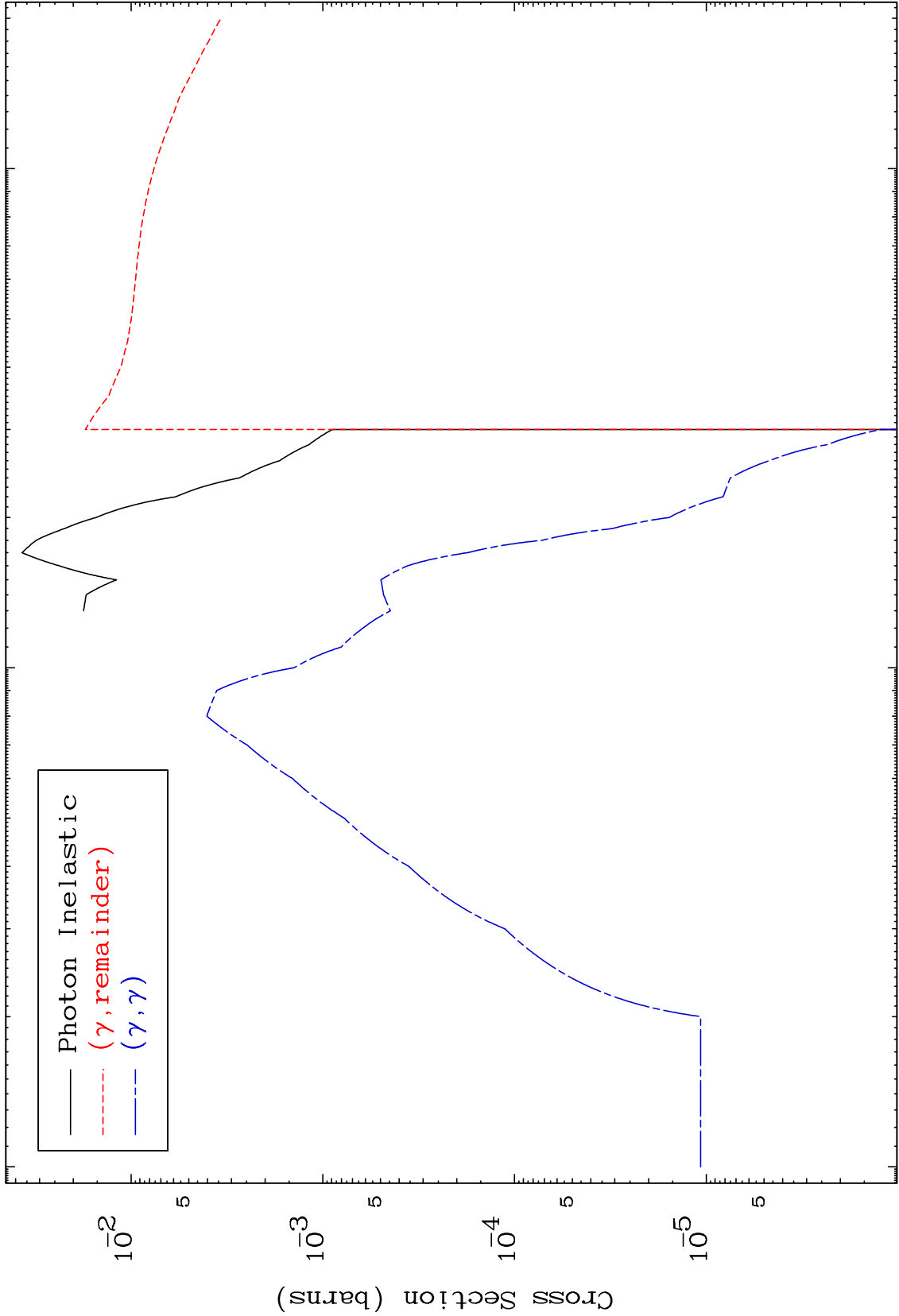
Press Mouse Button to Start

MAT 5007

Photon Major

50-Sn-106

0 Kelvin Cross Sections



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

10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 2  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

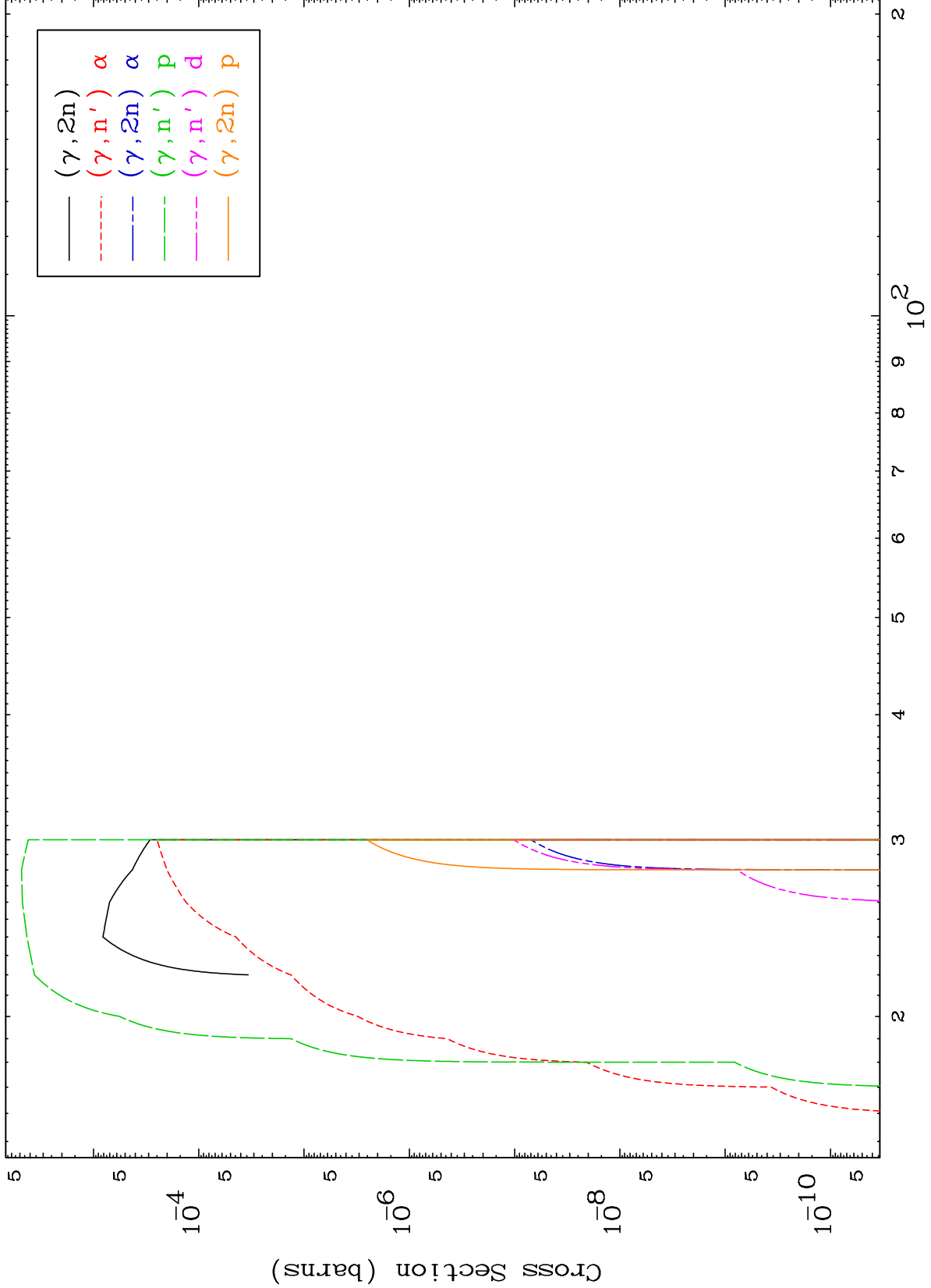
Incident Energy (MeV)

50-Sn-106

MAT 5007

Photon Neutron Production  
0 Kelvin Cross Sections

50-Sn-106



2

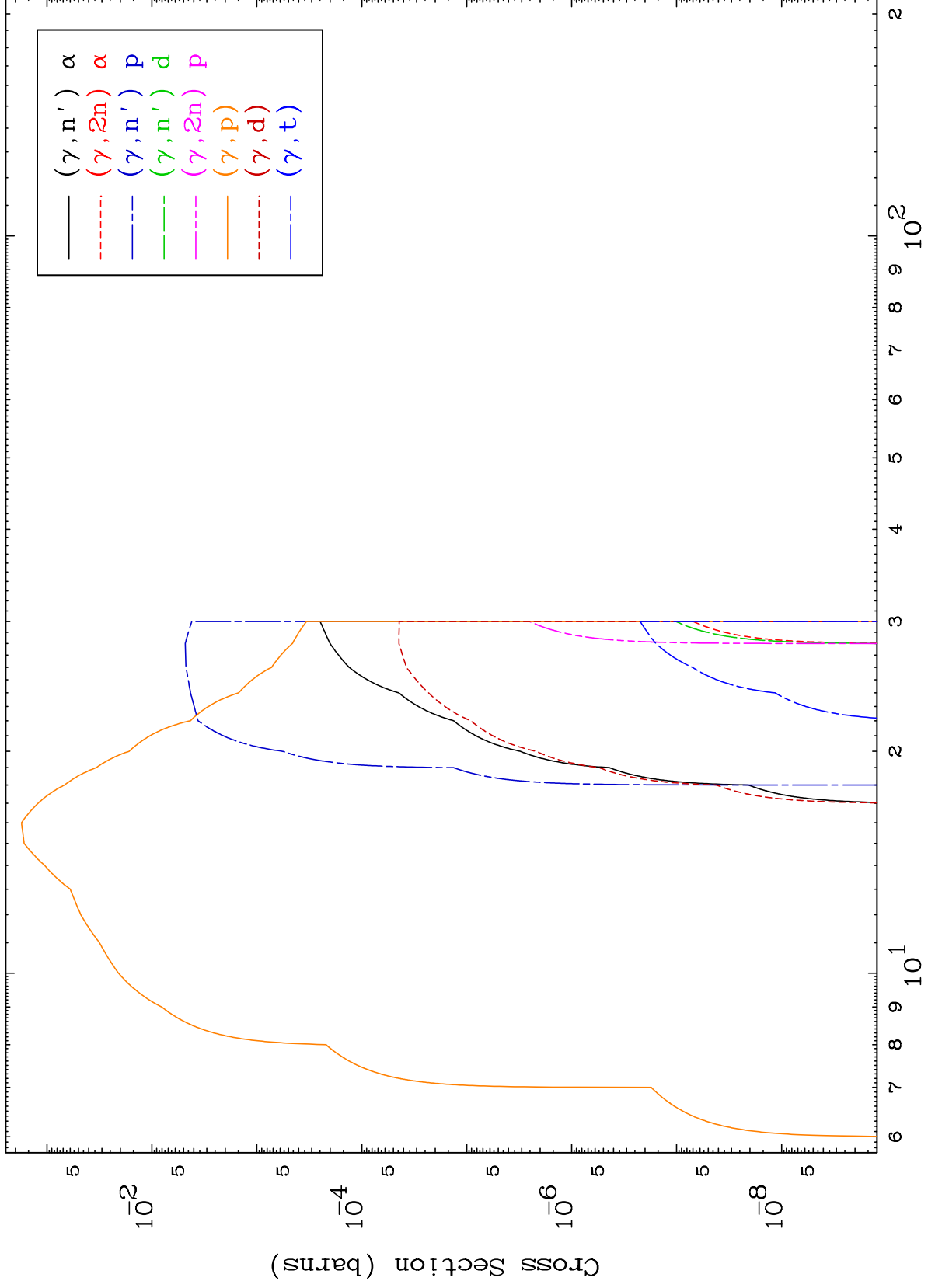
Incident Energy (MeV)

50-Sn-106

MAT 5007

Photon Charged Particle  
0 Kelvin Cross Sections

50-Sn-106



50-Sn-106

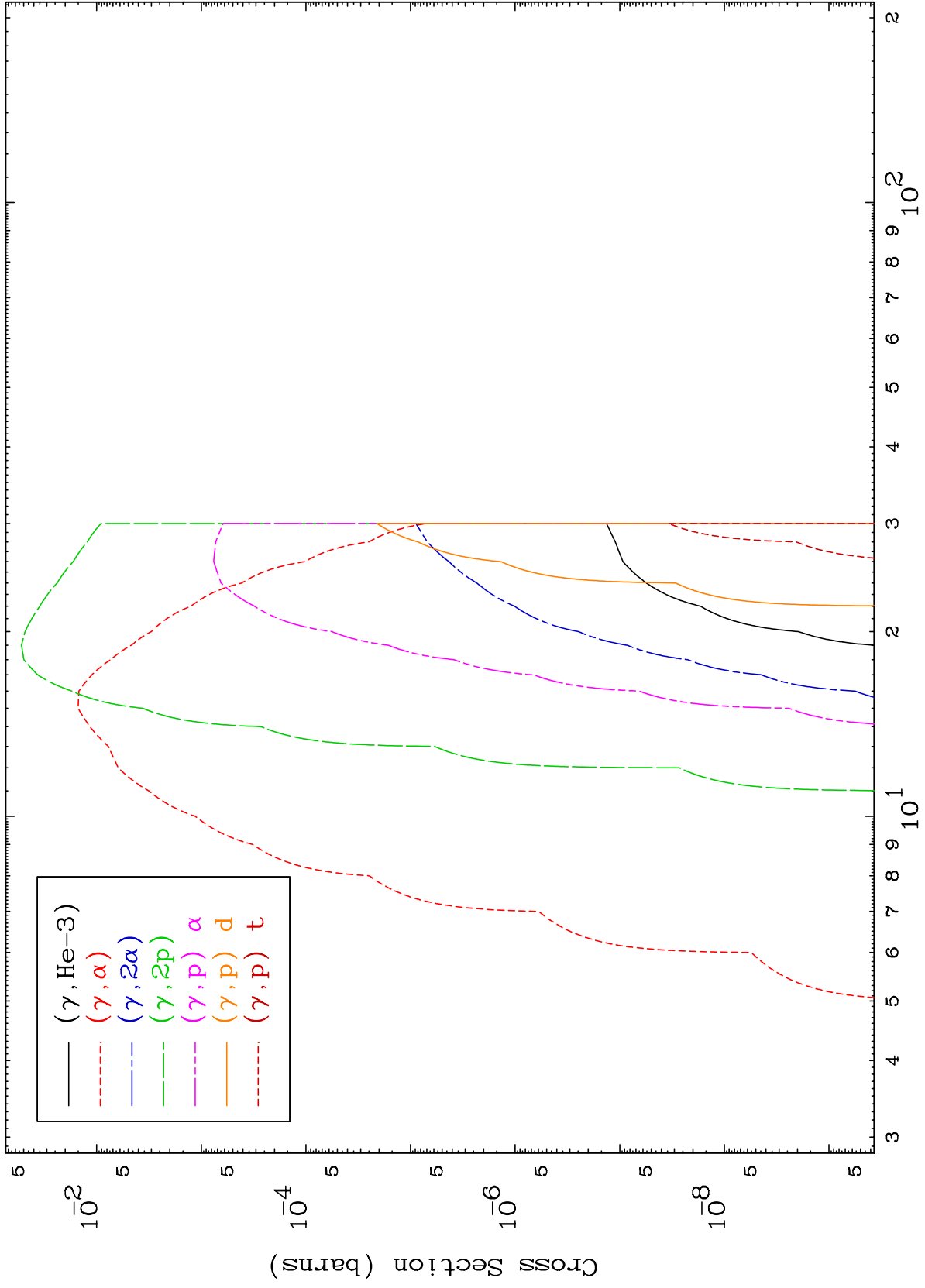
Incident Energy (MeV)

3

MAT 5007

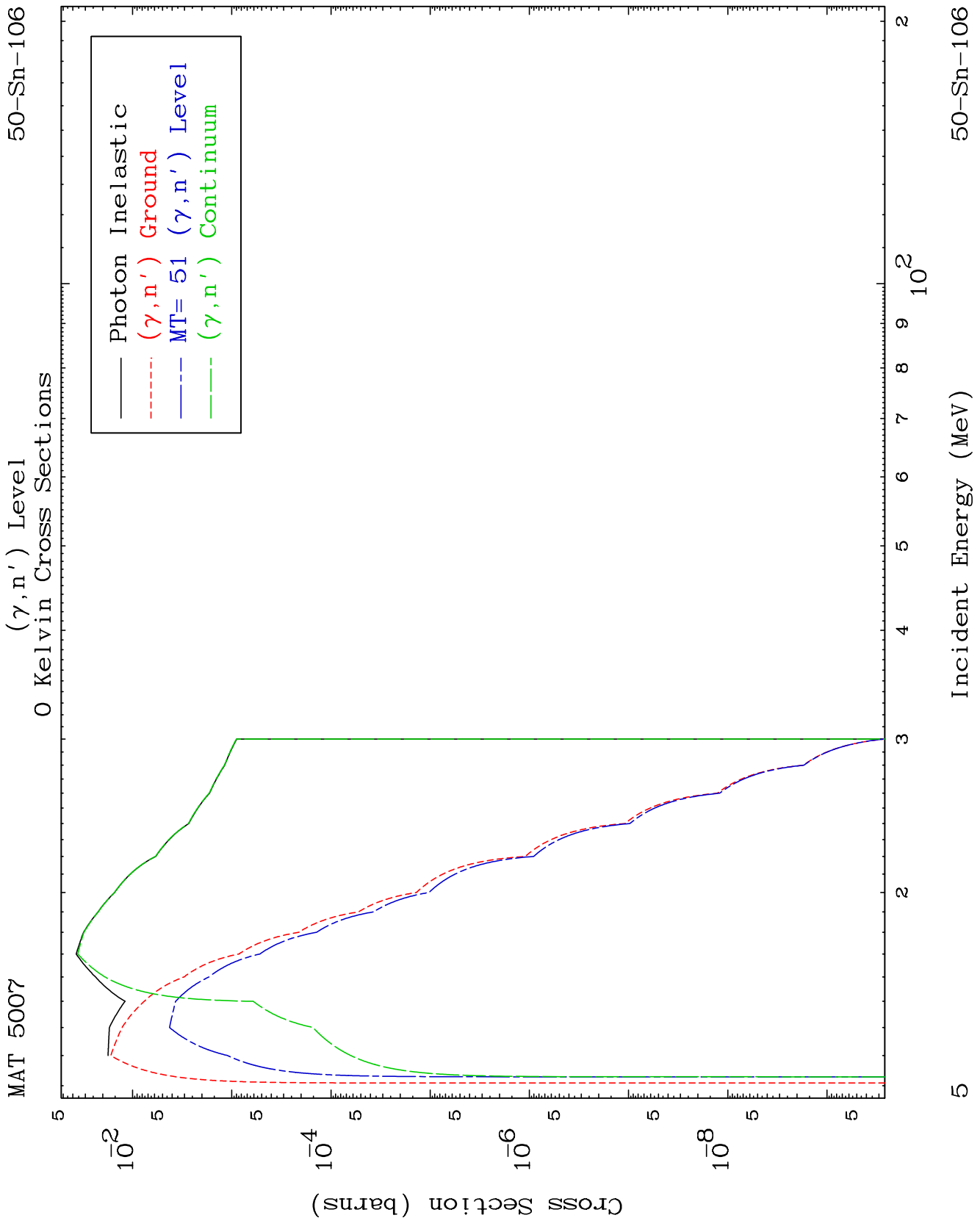
Photon Charged Particle  
0 Kelvin Cross Sections

50-Sn-106



Incident Energy (MeV)

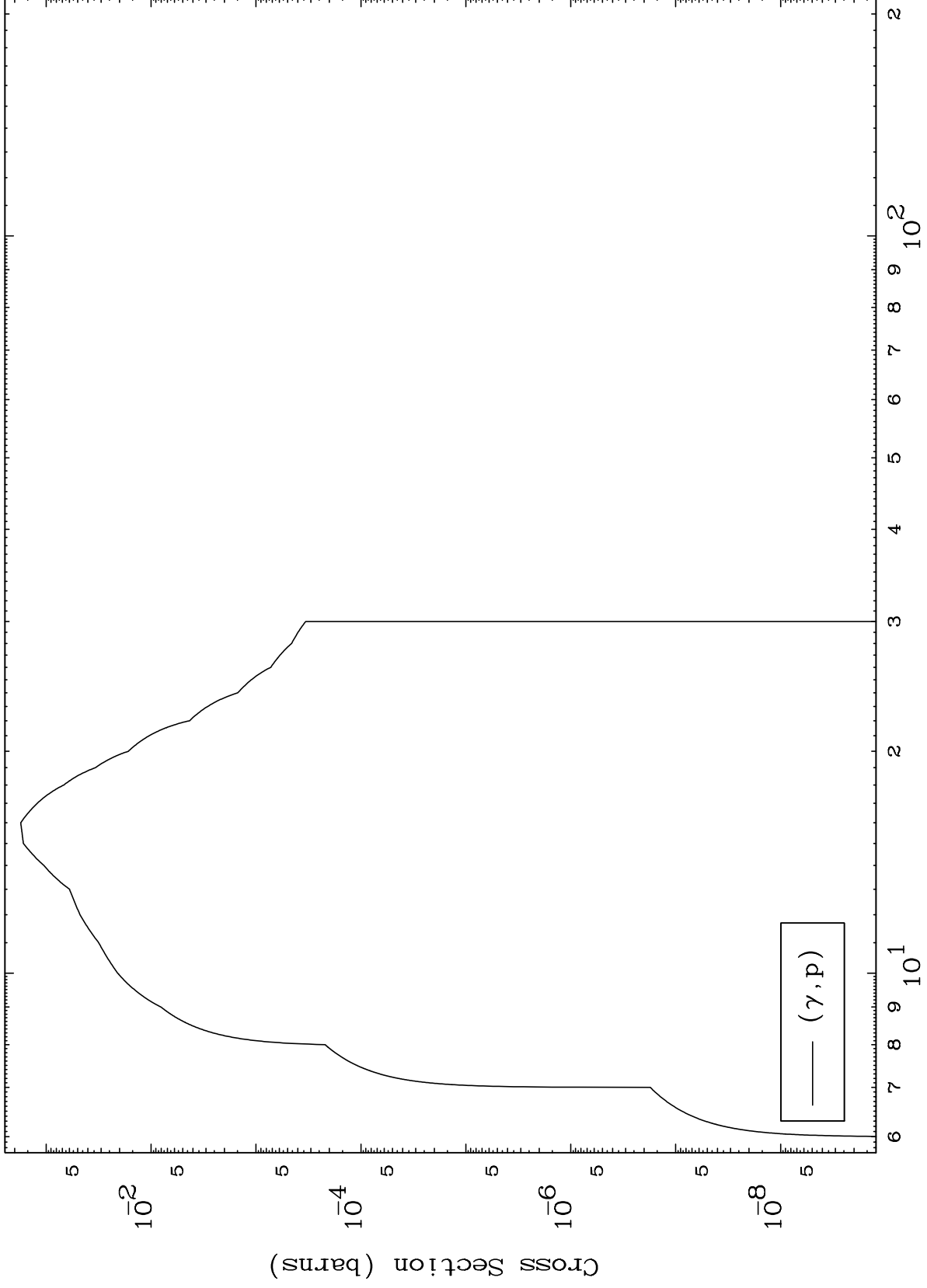
50-Sn-106



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

50-Sn-106



6

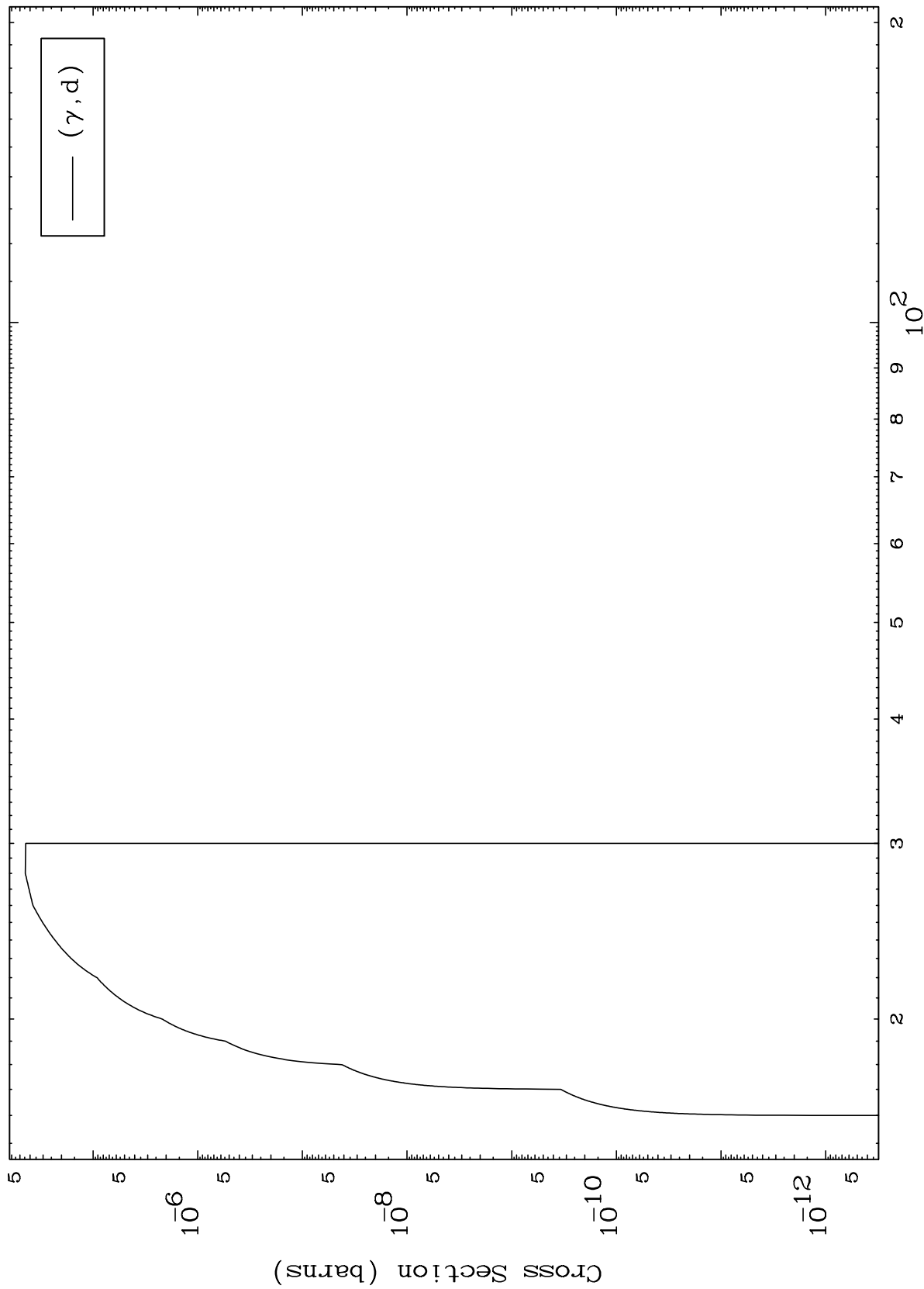
Incident Energy (MeV)

50-Sn-106

MAT 5007

50-Sn-106

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



50-Sn-106

Incident Energy (MeV)

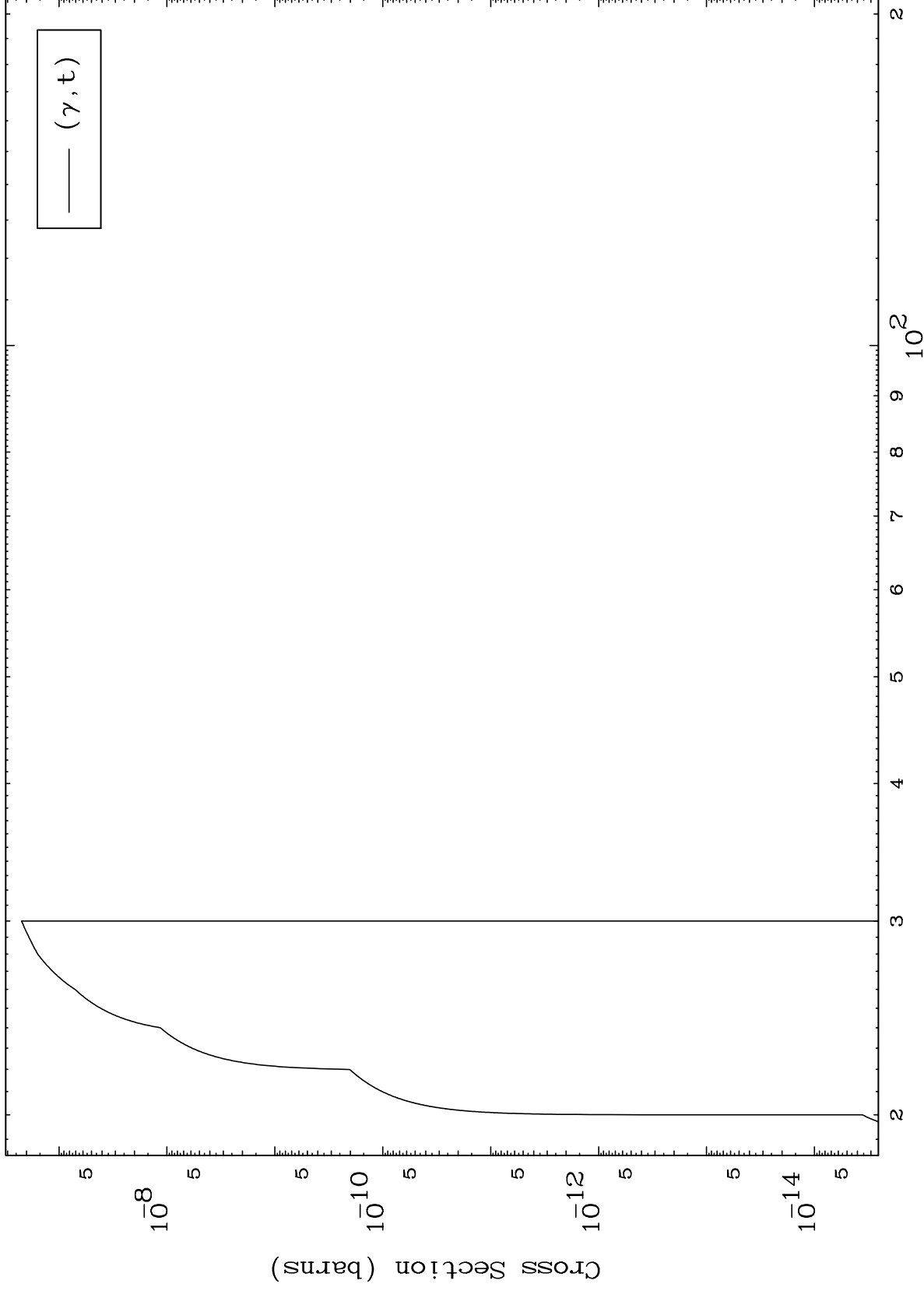
7



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

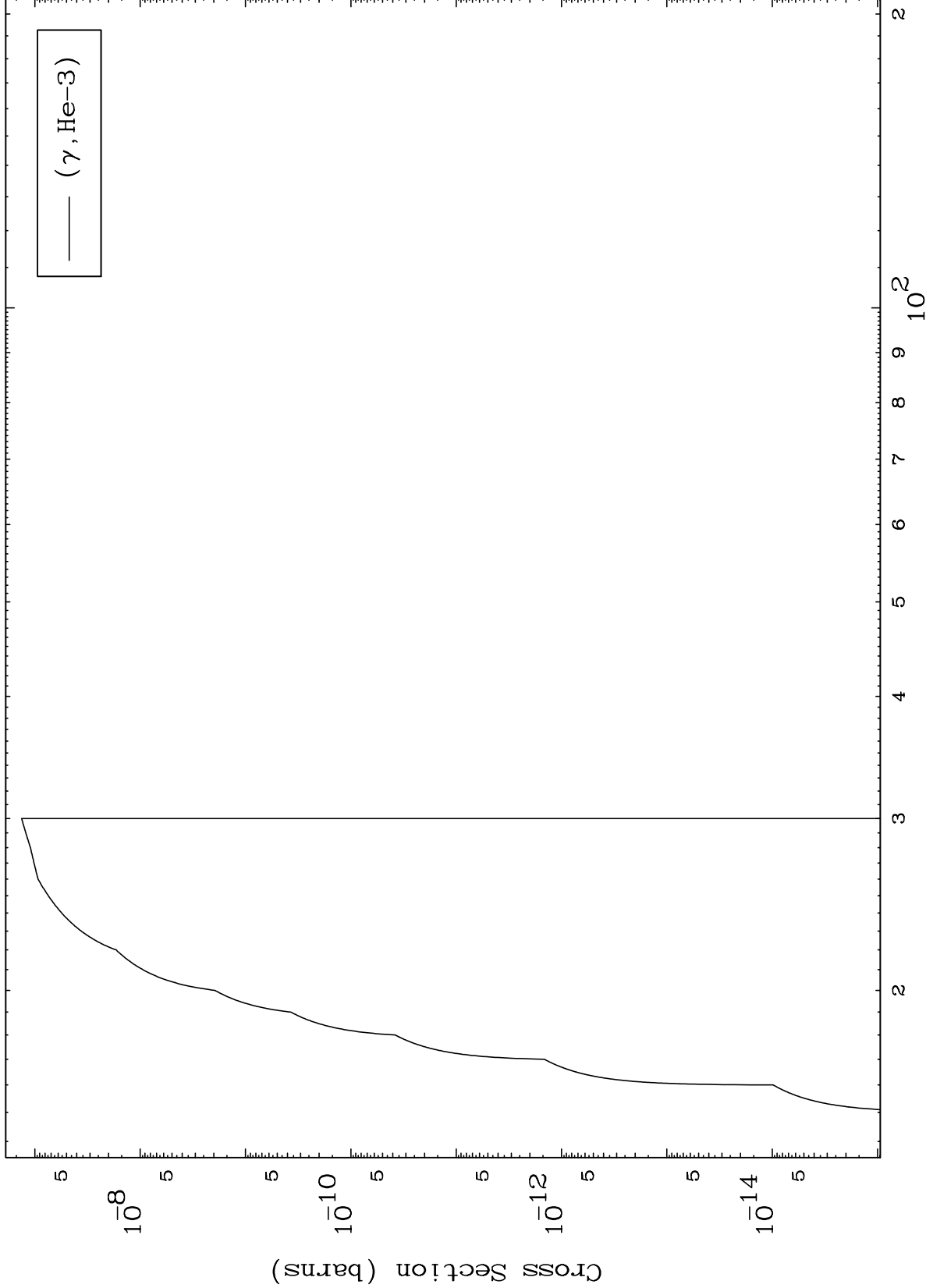
50-Sn-106



8

Incident Energy (MeV)

50-Sn-106

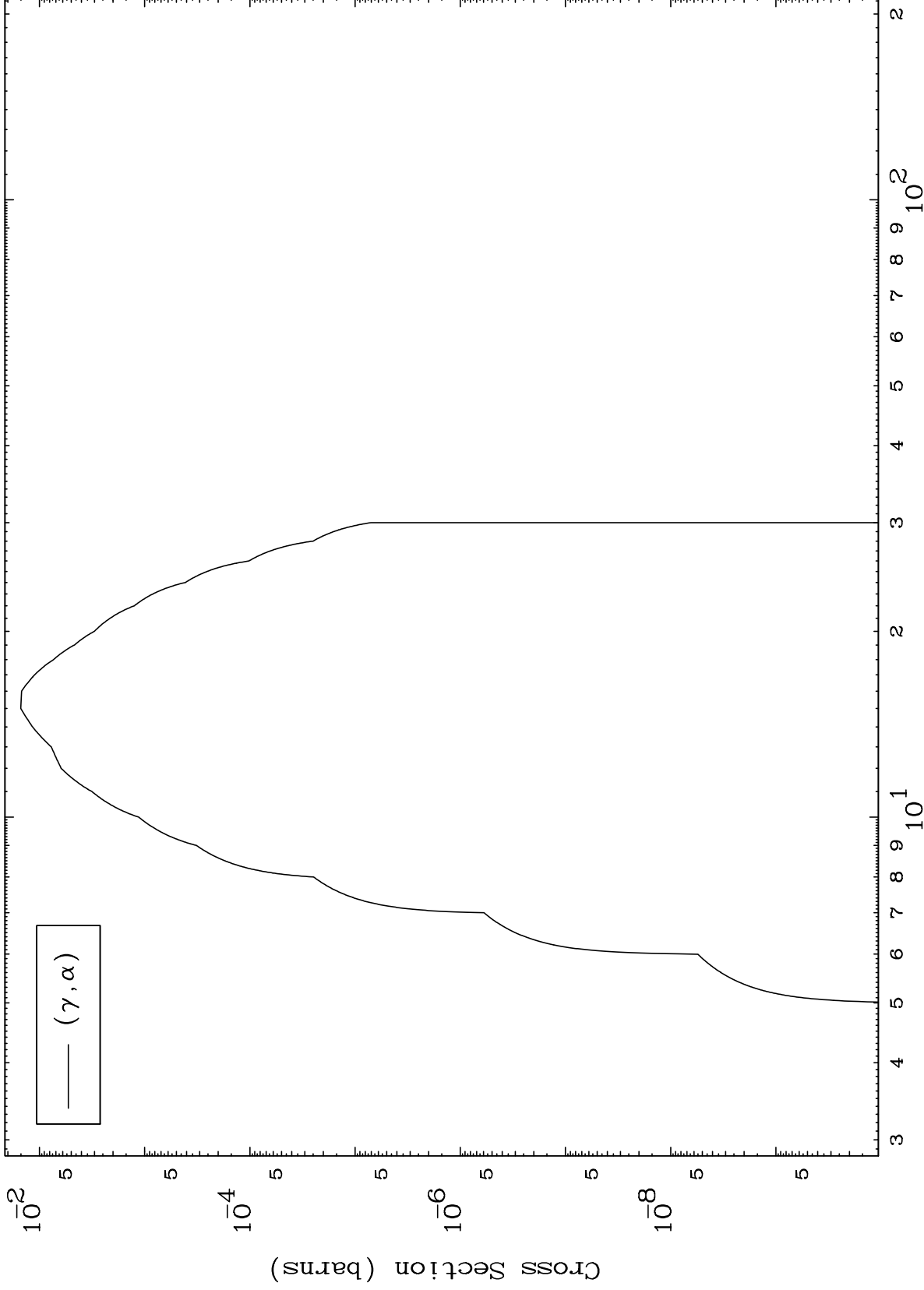


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( $\gamma, \alpha$ ) Levels

50-Sn-106

0 Kelvin Cross Sections



Incident Energy (MeV)

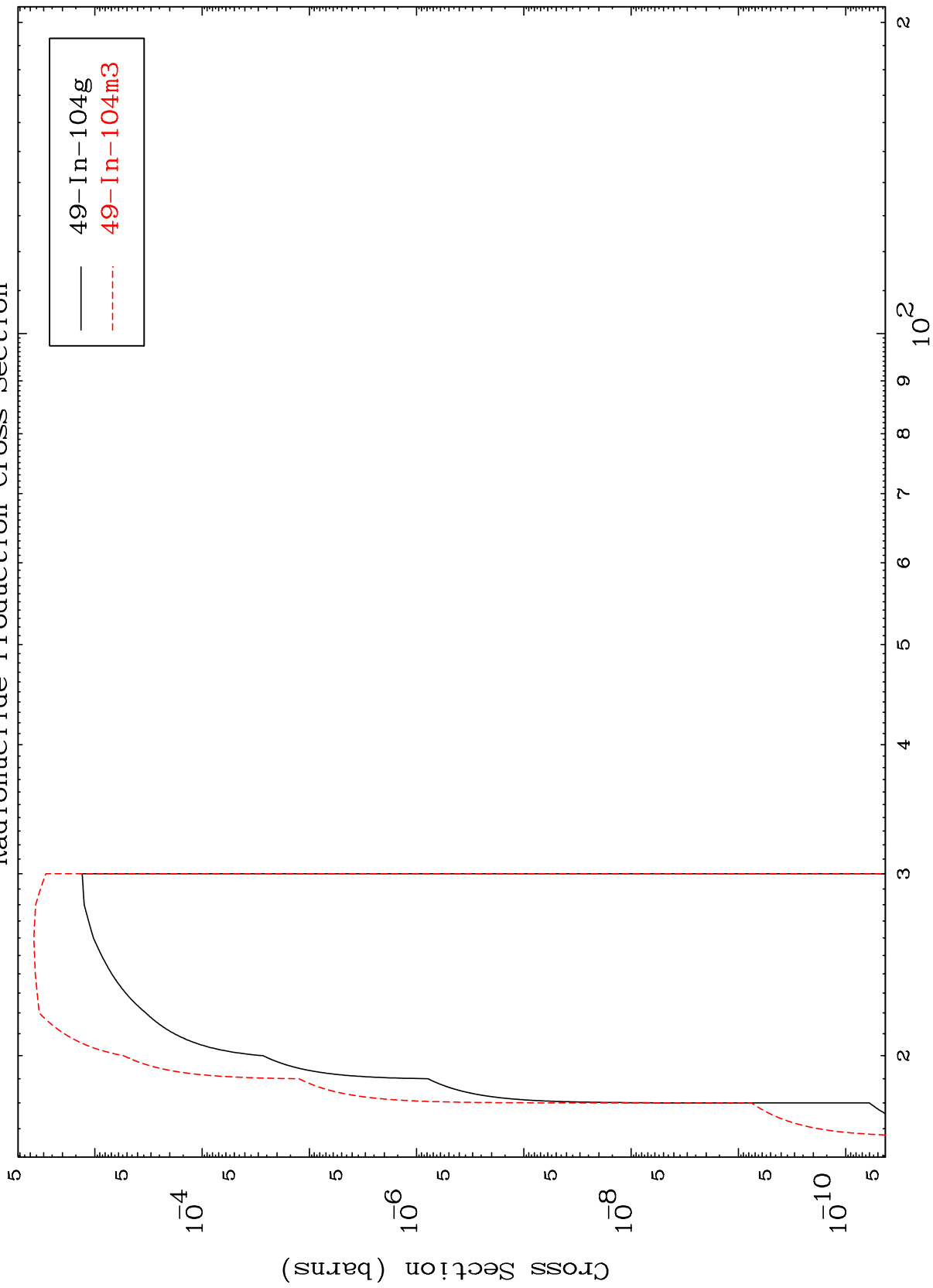
50-Sn-106

10

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50-Sn-106

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



11

Incident Energy (MeV)

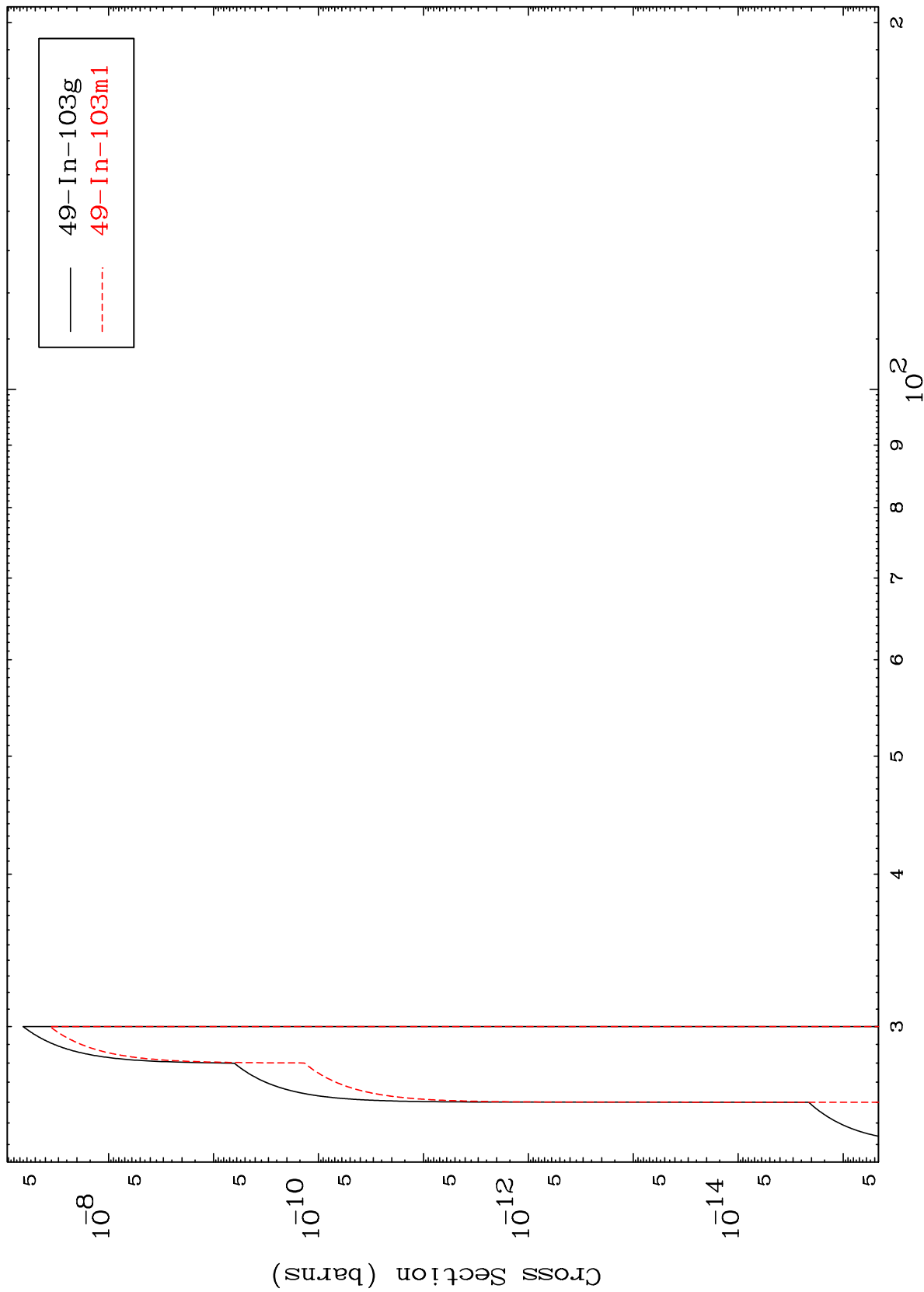
50-Sn-106

MAT 5007

( $\gamma, n'$ ) d

50-Sn-106

Radionuclide Production Cross Section



12

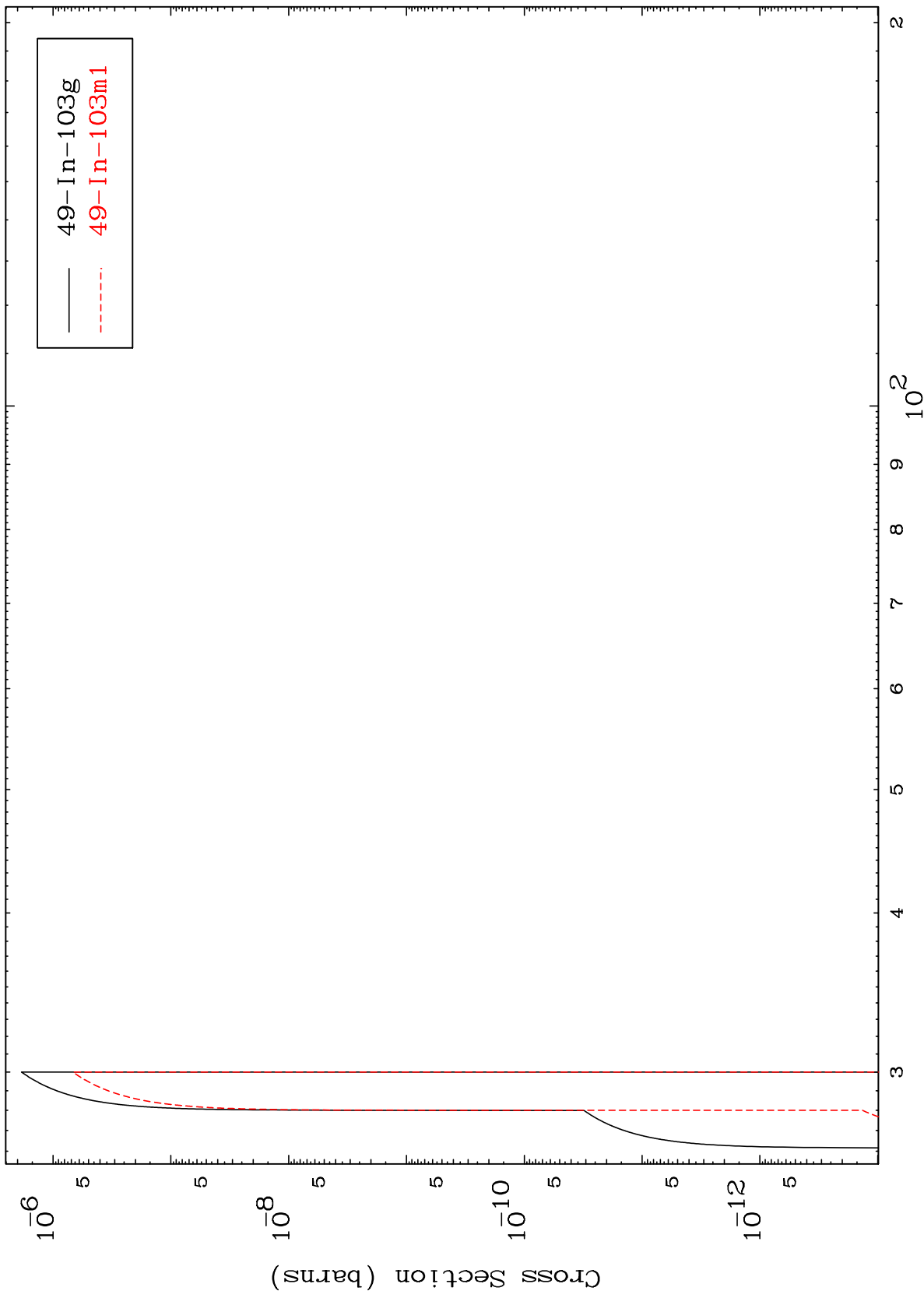
Incident Energy (MeV)

50-Sn-106

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50-Sn-106

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



50-Sn-106

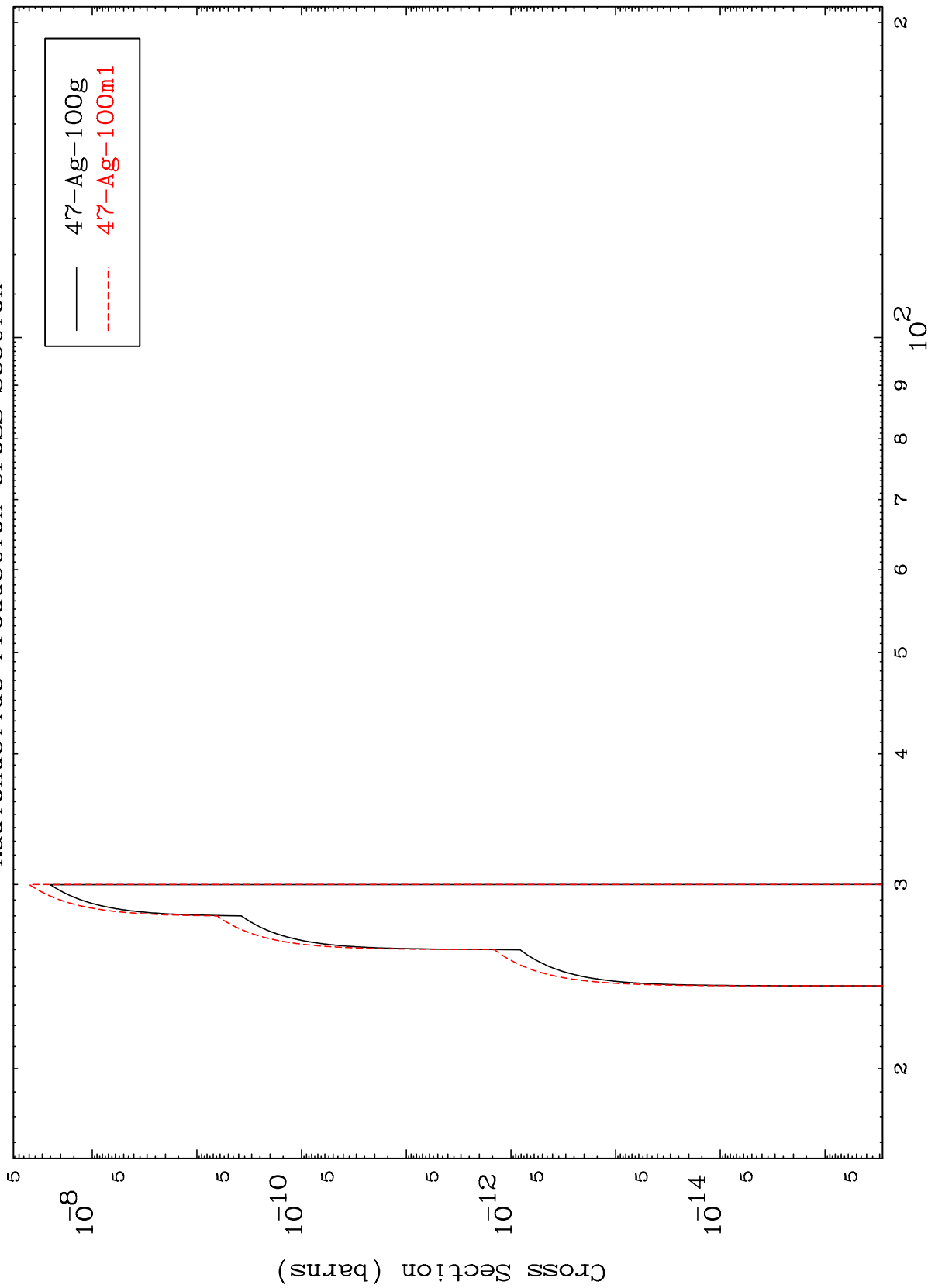
Incident Energy (MeV)

13

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50-Sn-106

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



14

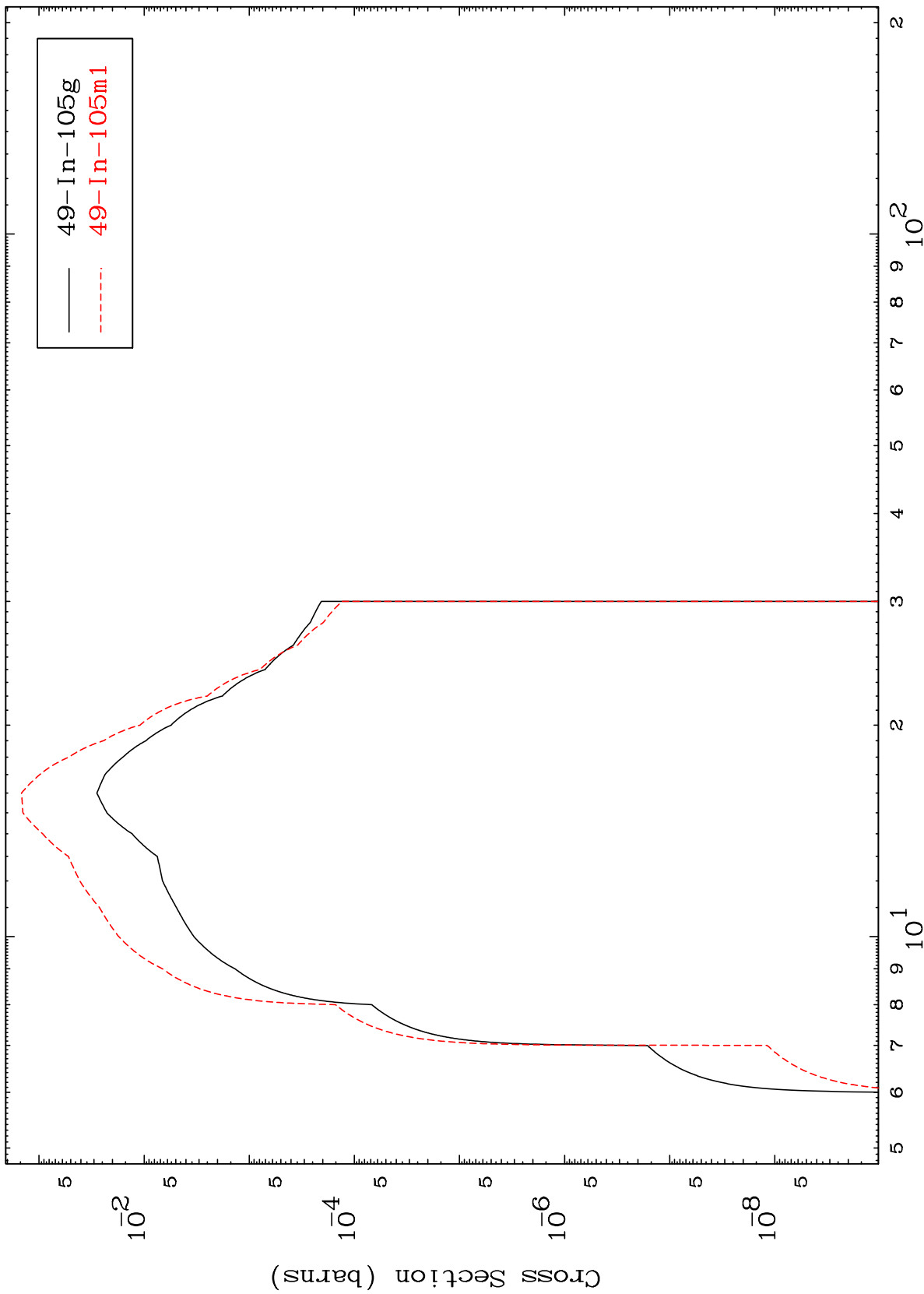
Incident Energy (MeV)

50-Sn-106

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50-Sn-106

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



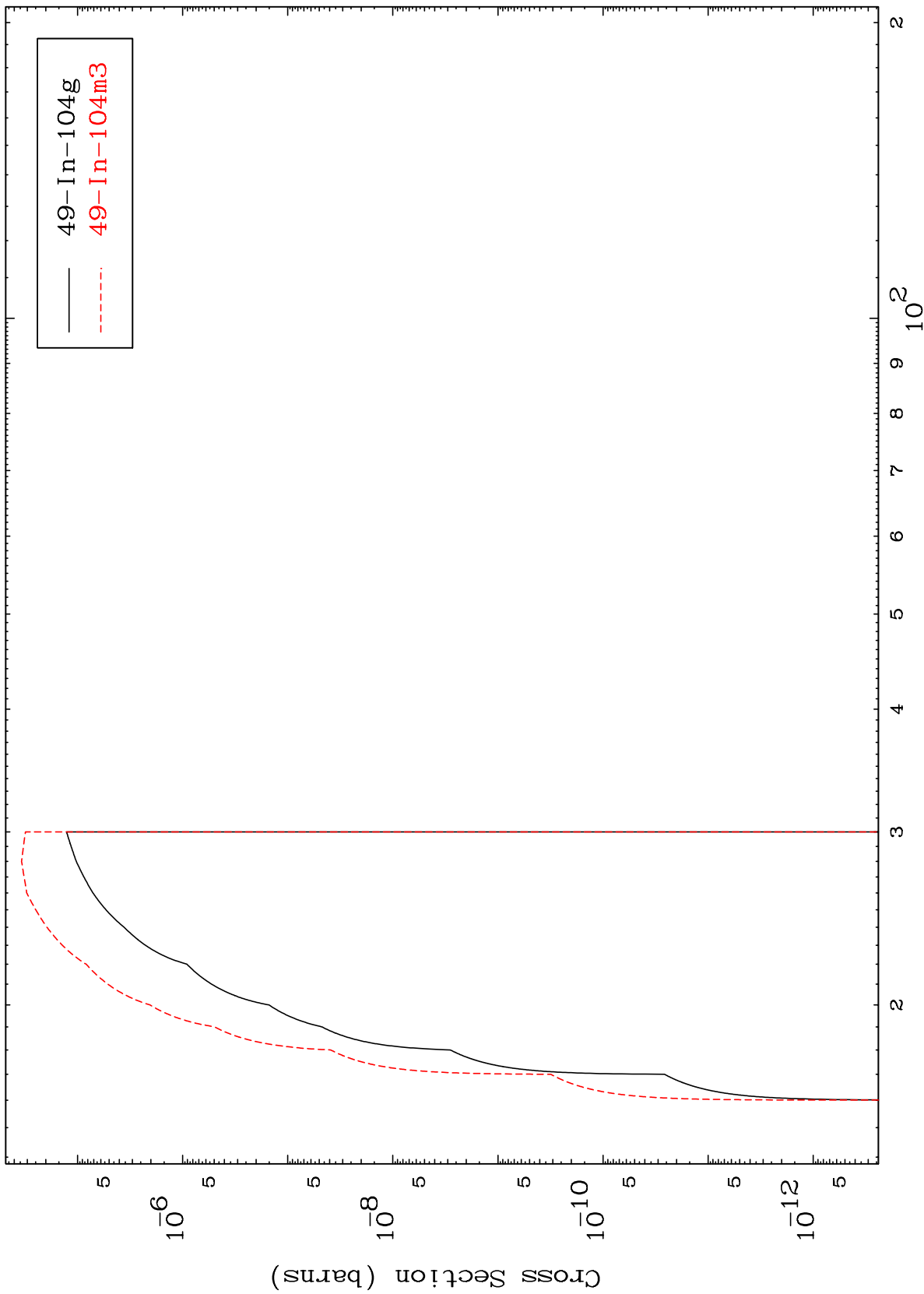
50-Sn-106

Incident Energy (MeV)

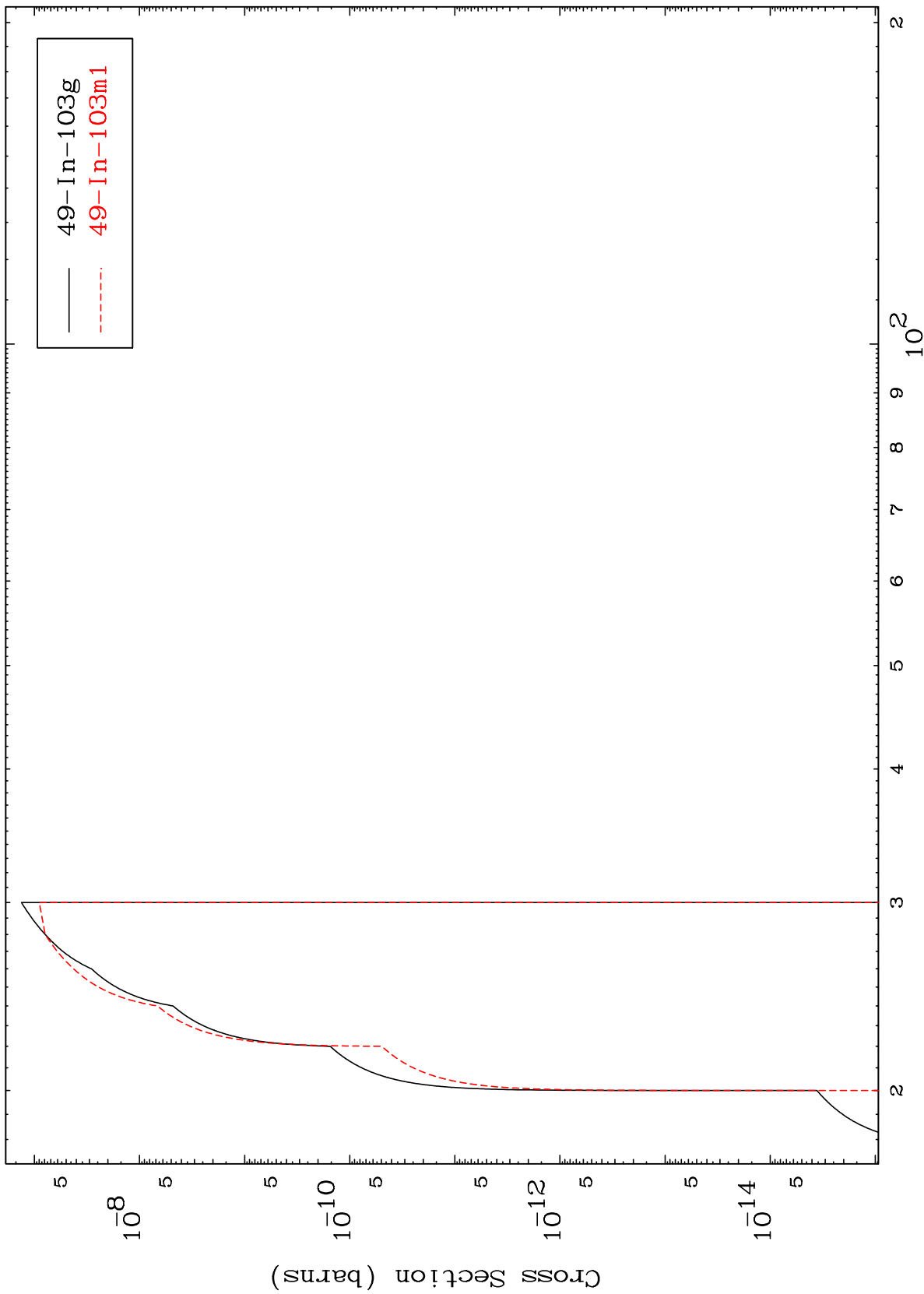
15



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



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

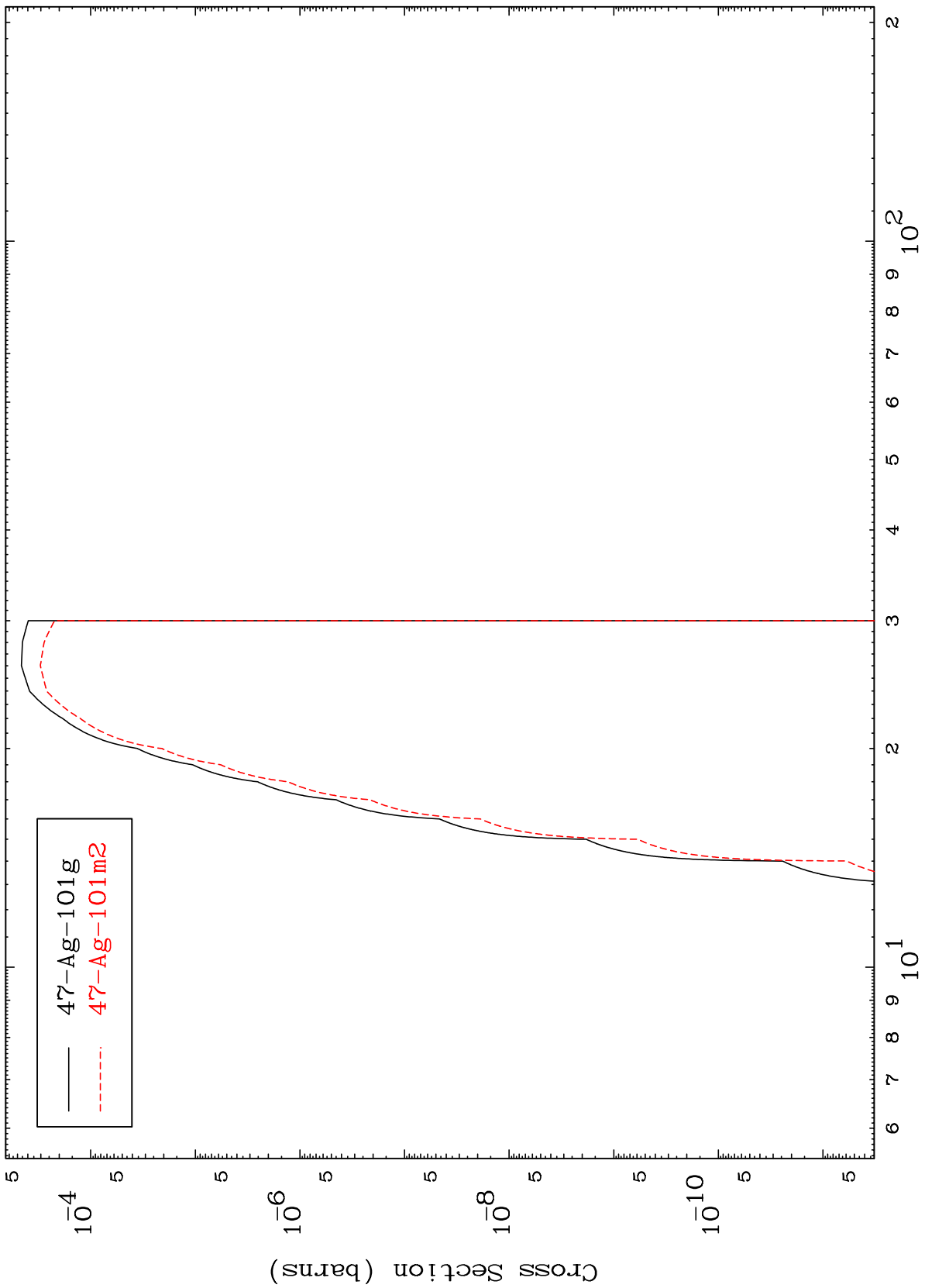


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$(\gamma, p) \alpha$

50-Sn-106

Radionuclide Production Cross Section



18

Incident Energy (MeV)

50-Sn-106