

Program EVALPLOT  
(Version 2017-1)

by

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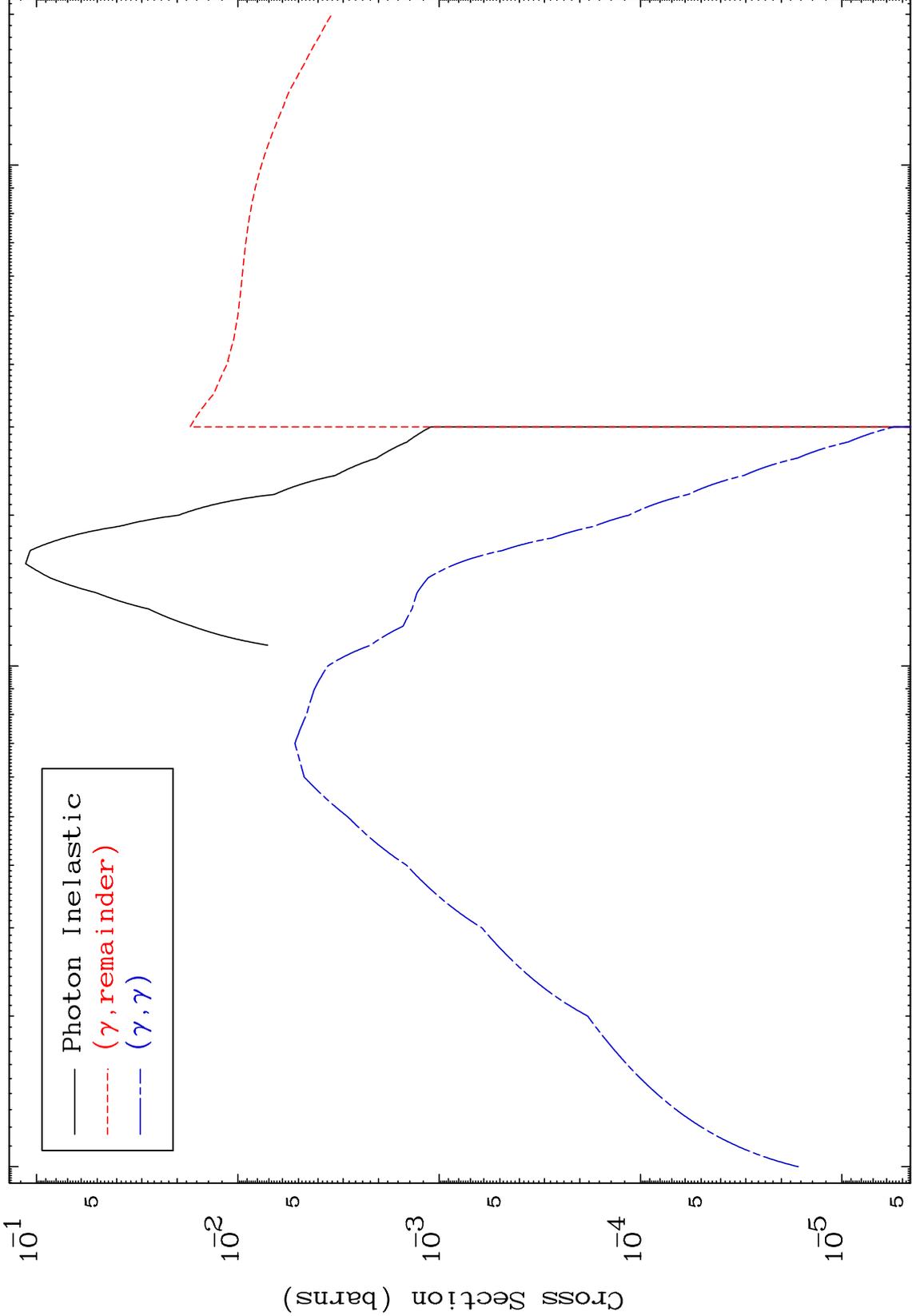
Press Mouse Button to Start

MAT 4908

Photon Major

49-In-107

0 Kelvin Cross Sections



Photon Inelastic  
( $\gamma$ , remainder)  
( $\gamma, \gamma$ )

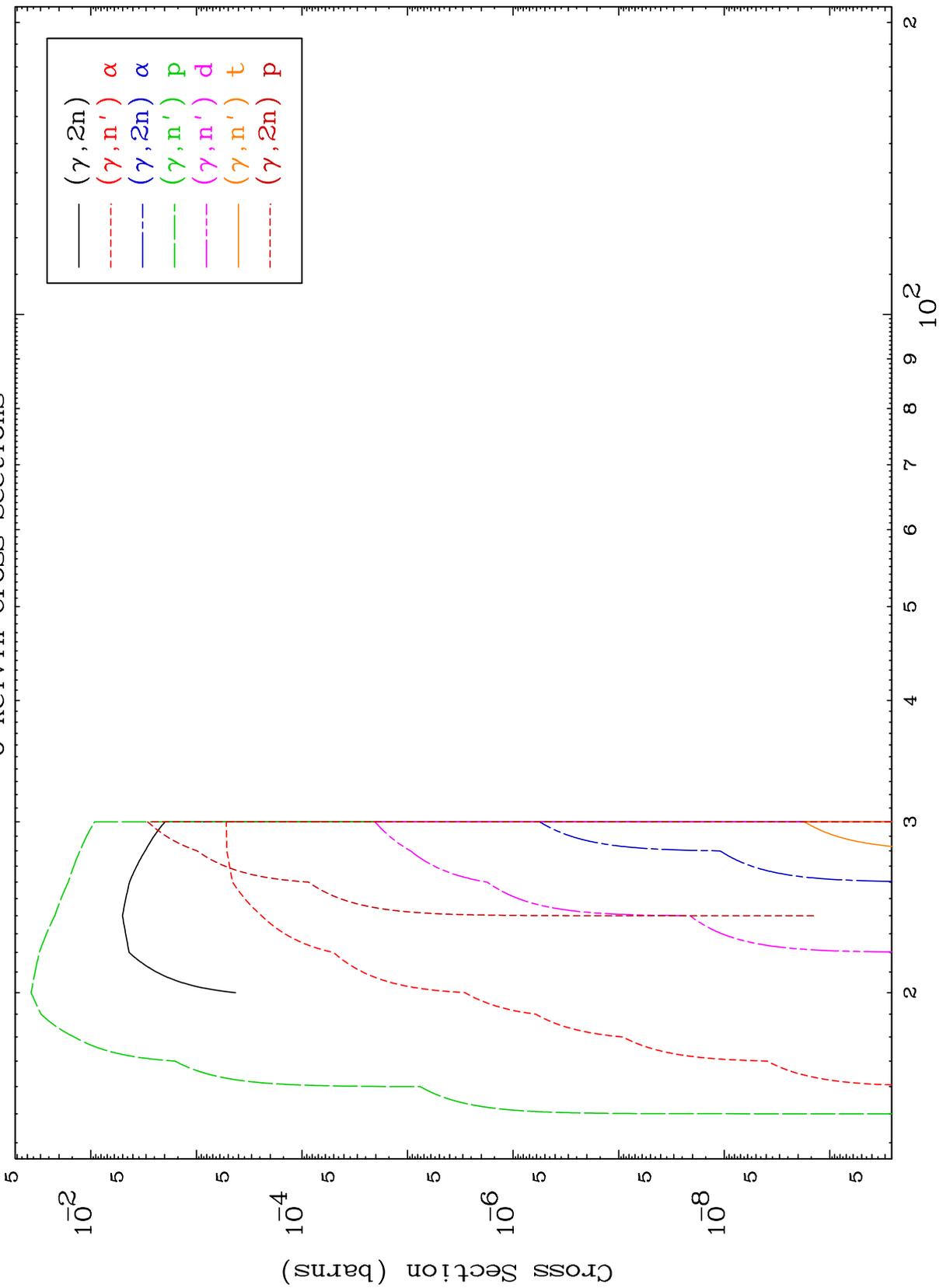
Incident Energy (MeV)

49-In-107

MAT 4908

Photon Neutron Production  
0 Kelvin Cross Sections

49-In-107



2

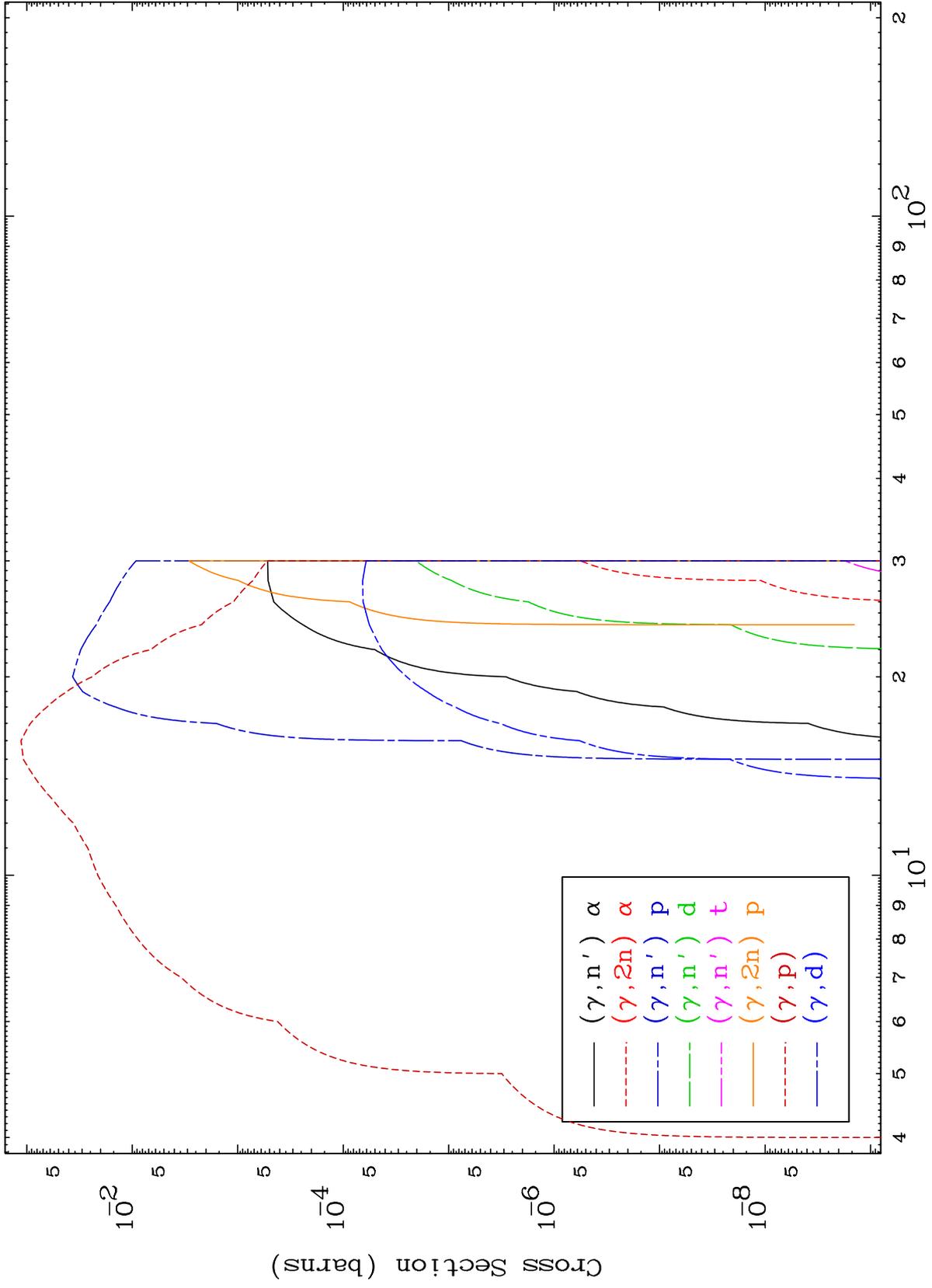
Incident Energy (MeV)

49-In-107

MAT 4908

Photon Charged Particle  
0 Kelvin Cross Sections

49-In-107



49-In-107

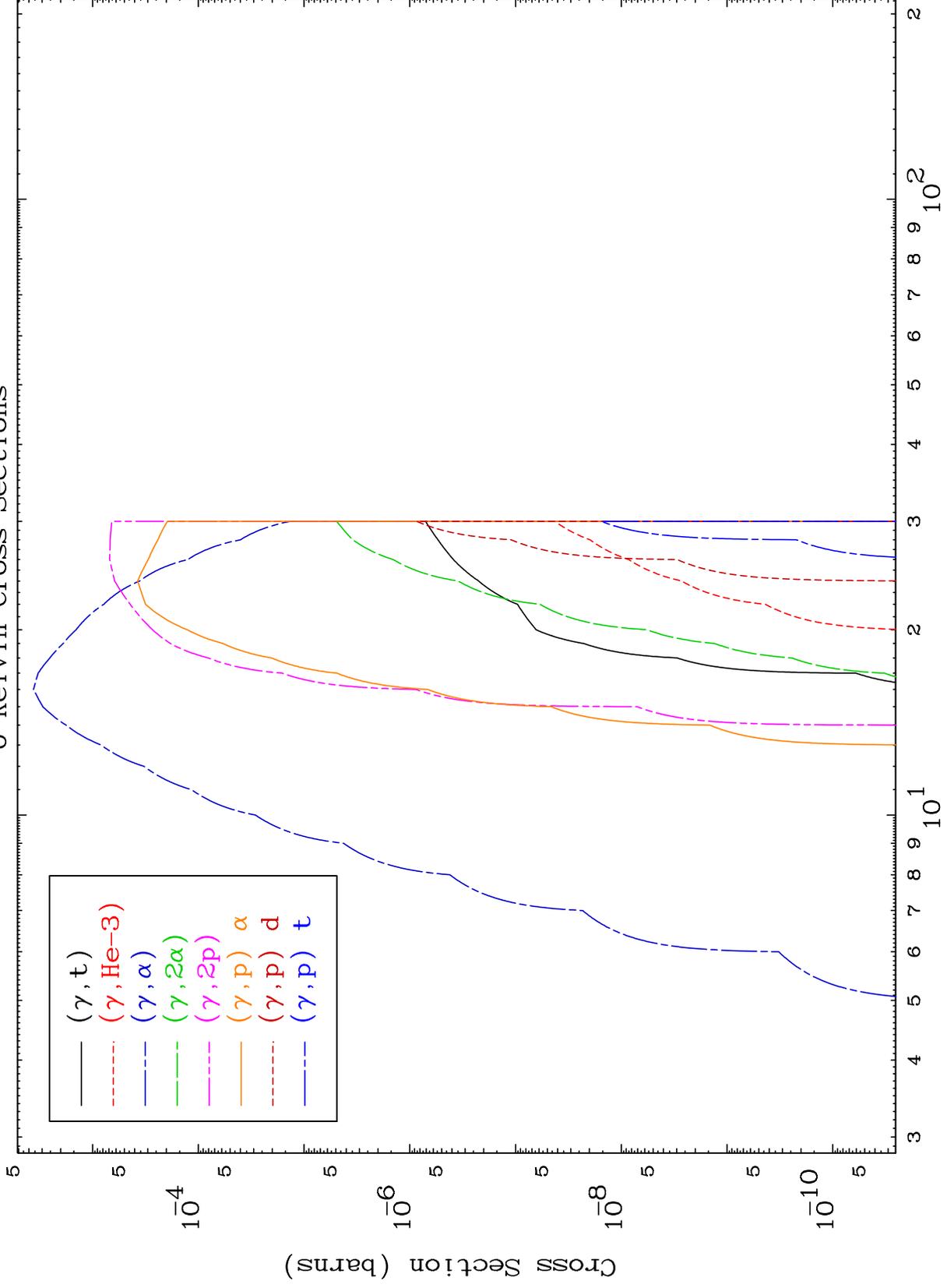
Incident Energy (MeV)

3

MAT 4908

Photon Charged Particle  
0 Kelvin Cross Sections

49-In-107



4

Incident Energy (MeV)

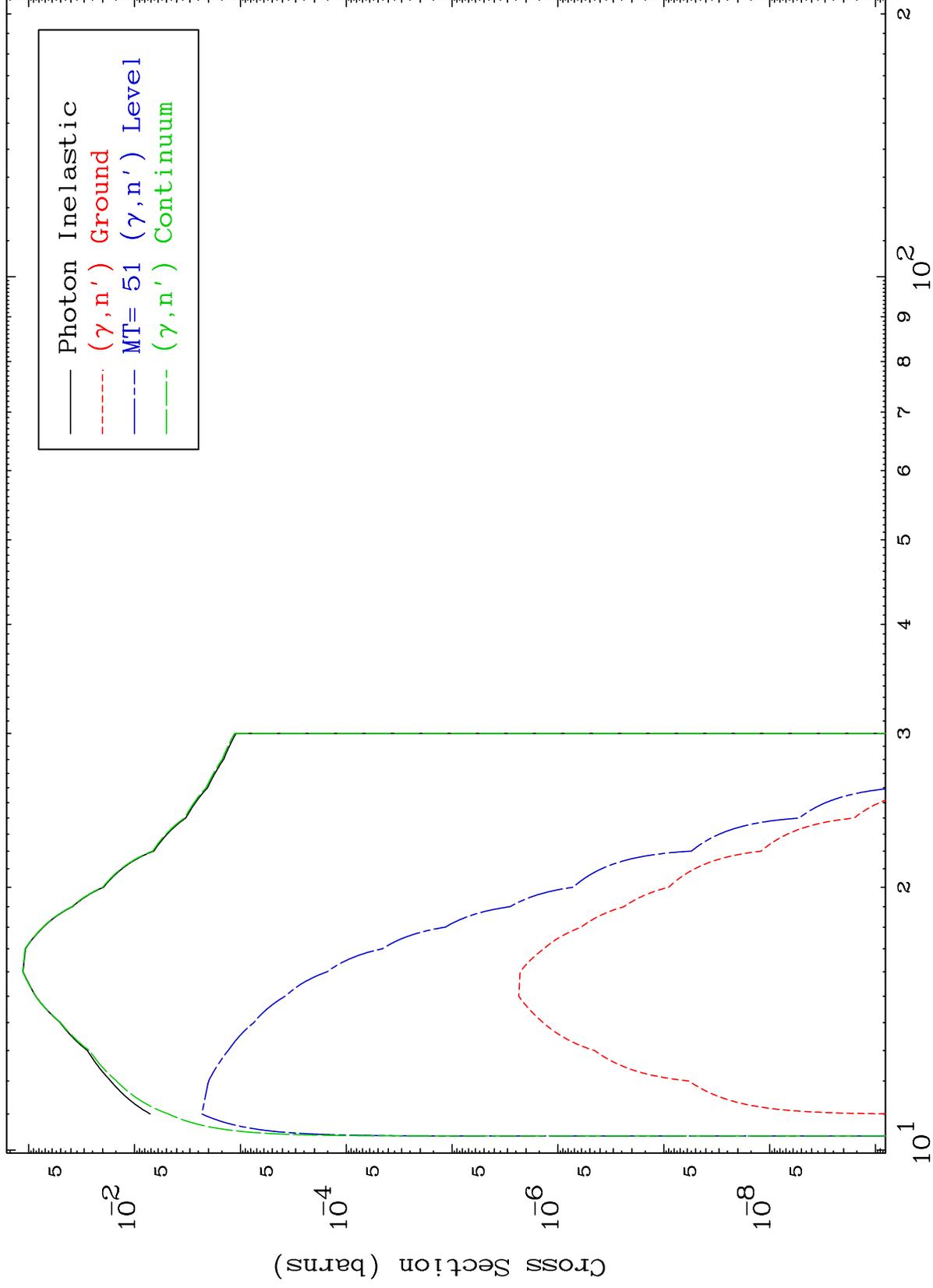
49-In-107

MAT 4908

$(\gamma, n')$  Level

49-In-107

0 Kelvin Cross Sections



Incident Energy (MeV)

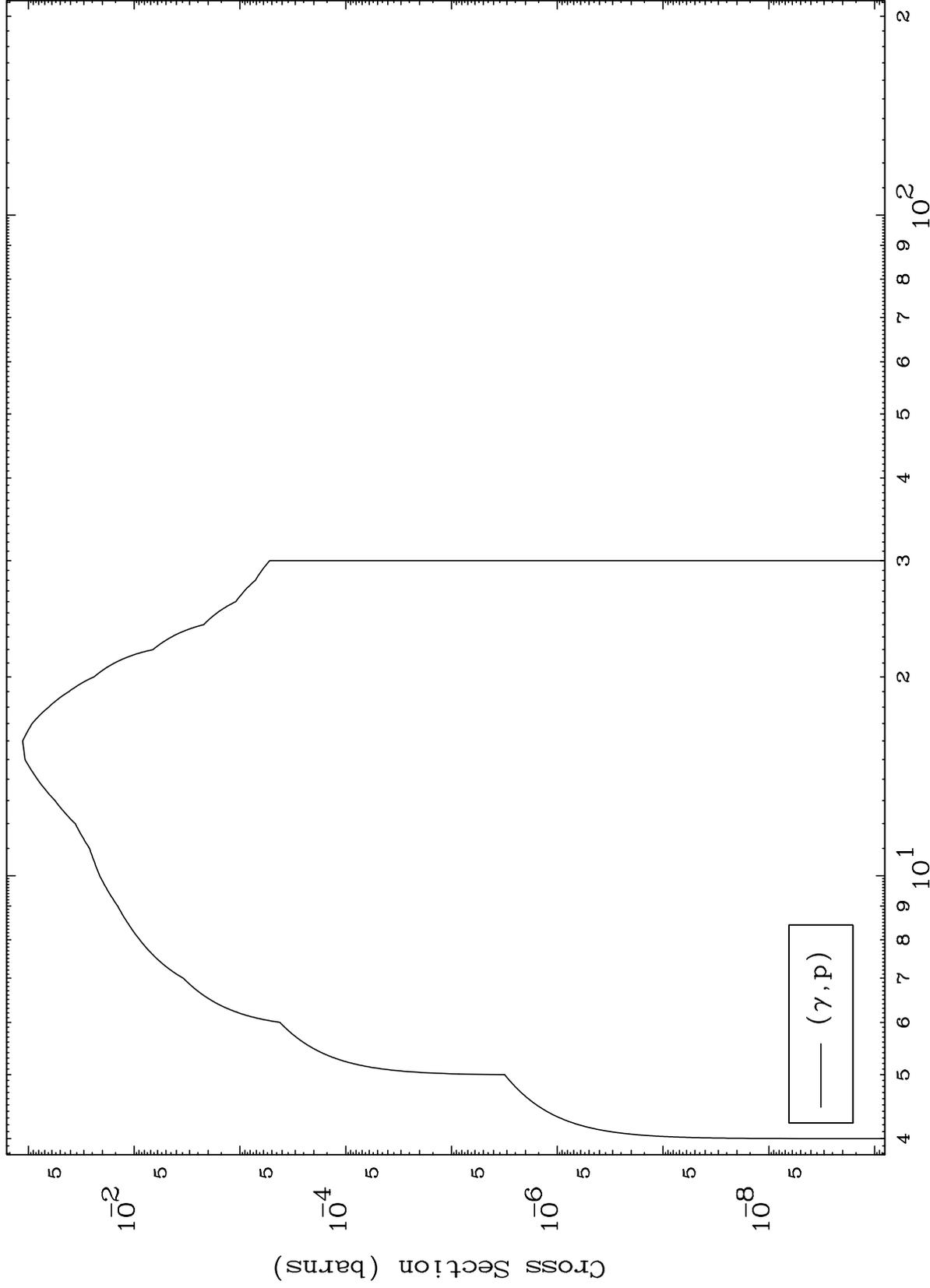
49-In-107

MAT 4908

( $\gamma, p$ ) Levels

49-In-107

0 Kelvin Cross Sections



Incident Energy (MeV)

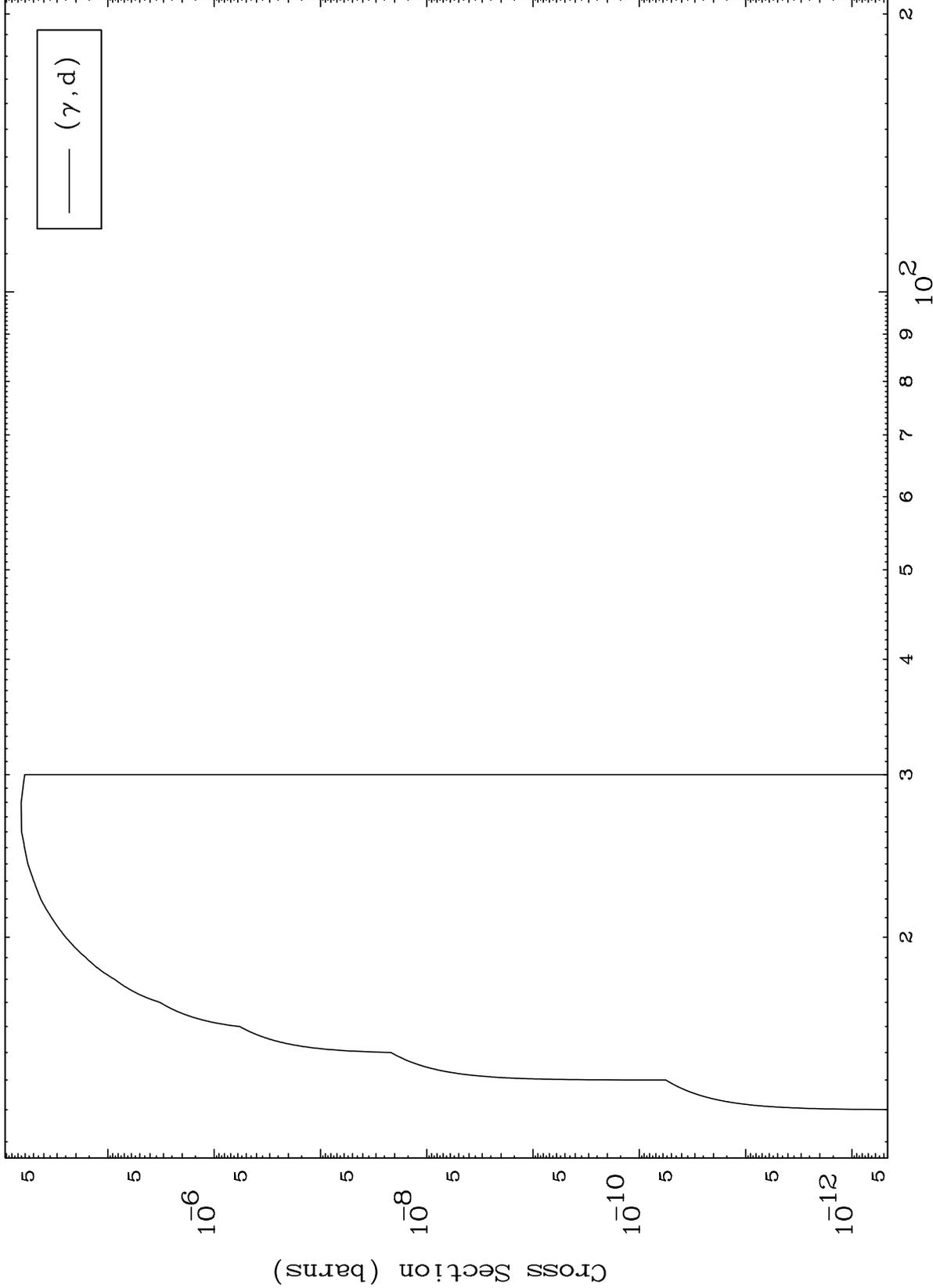
49-In-107

6

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

49-In-107

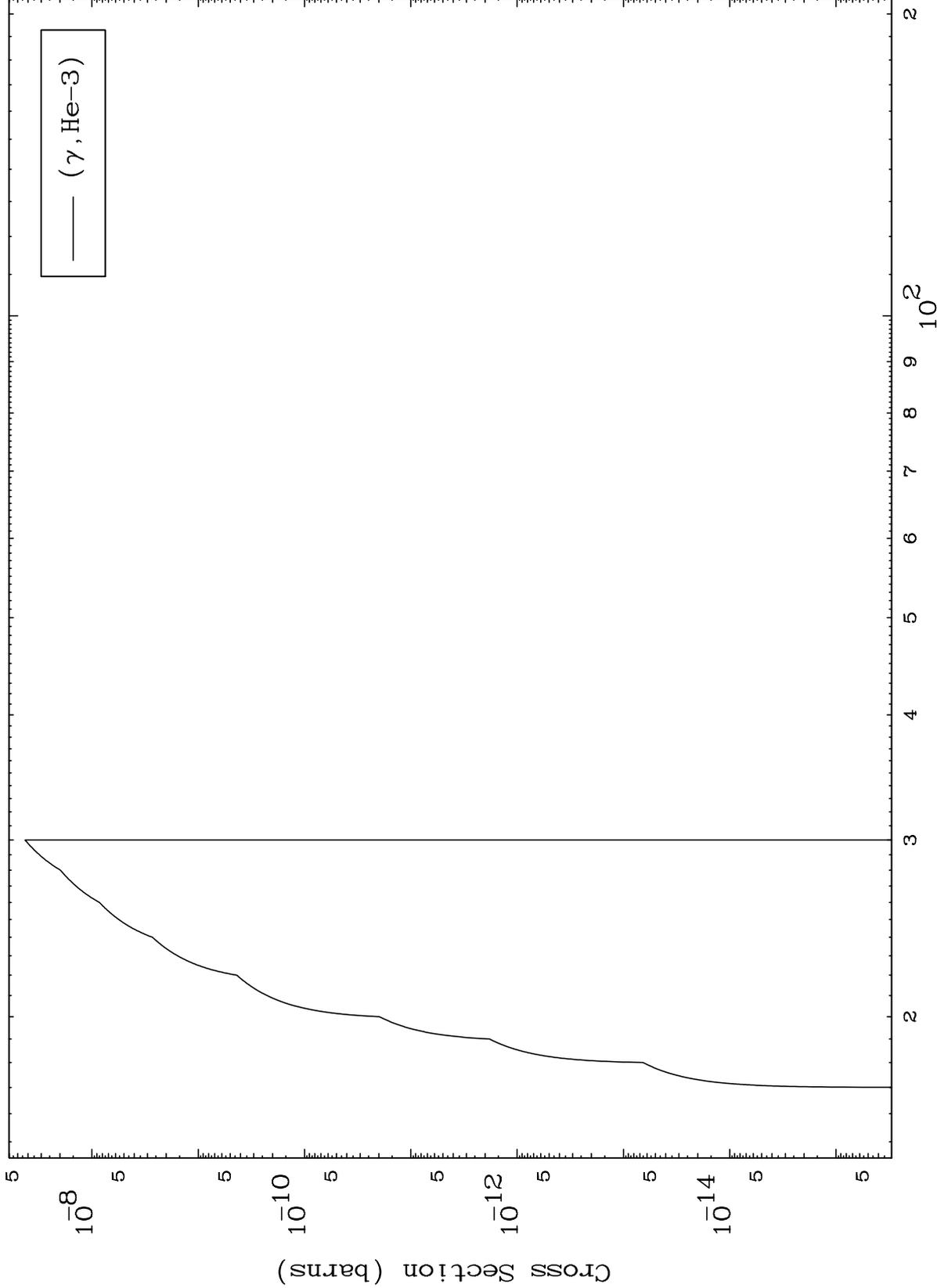


7

Incident Energy (MeV)

49-In-107



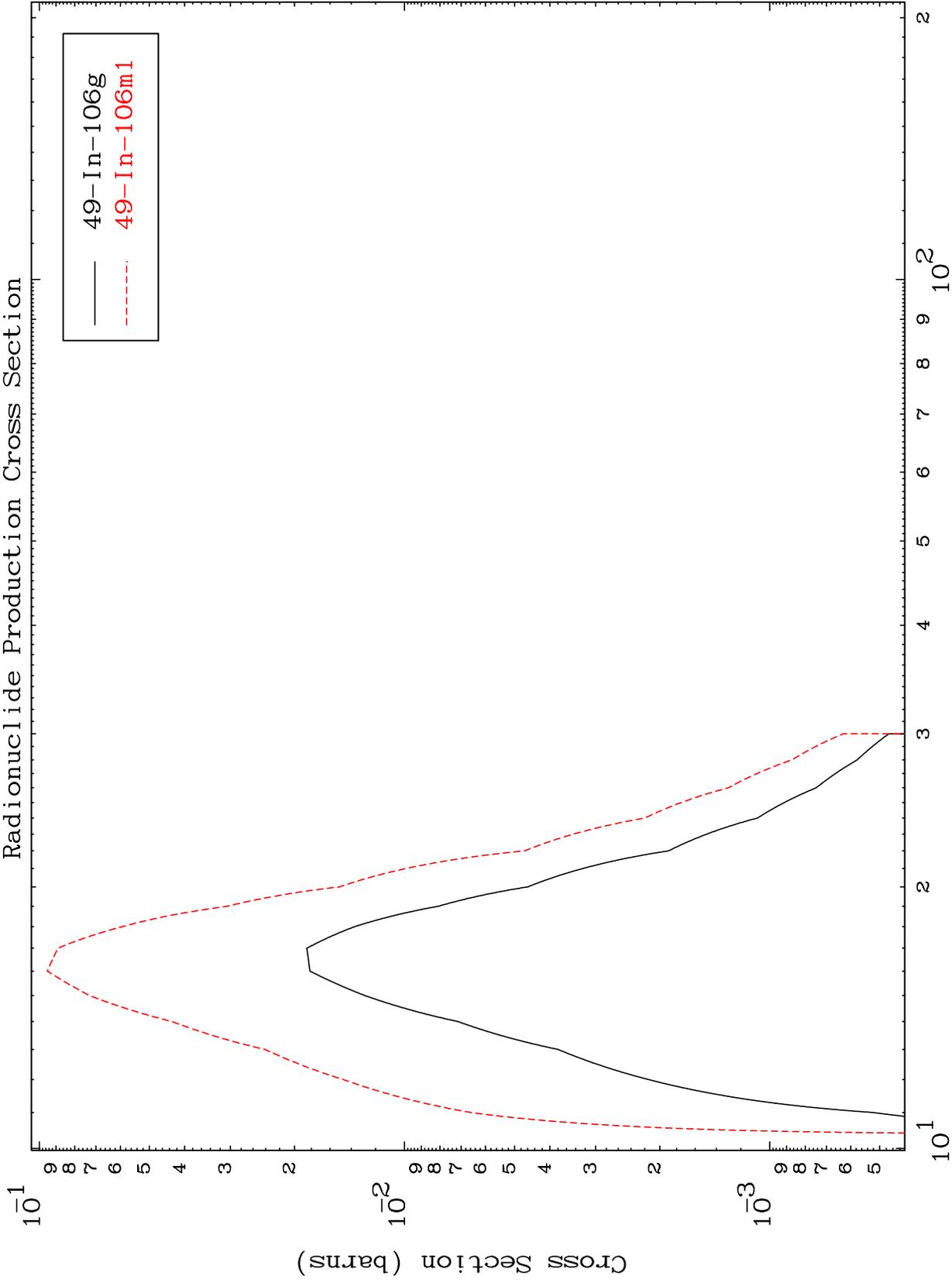




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Photon Inelastic  
Radionuclide Production Cross Section

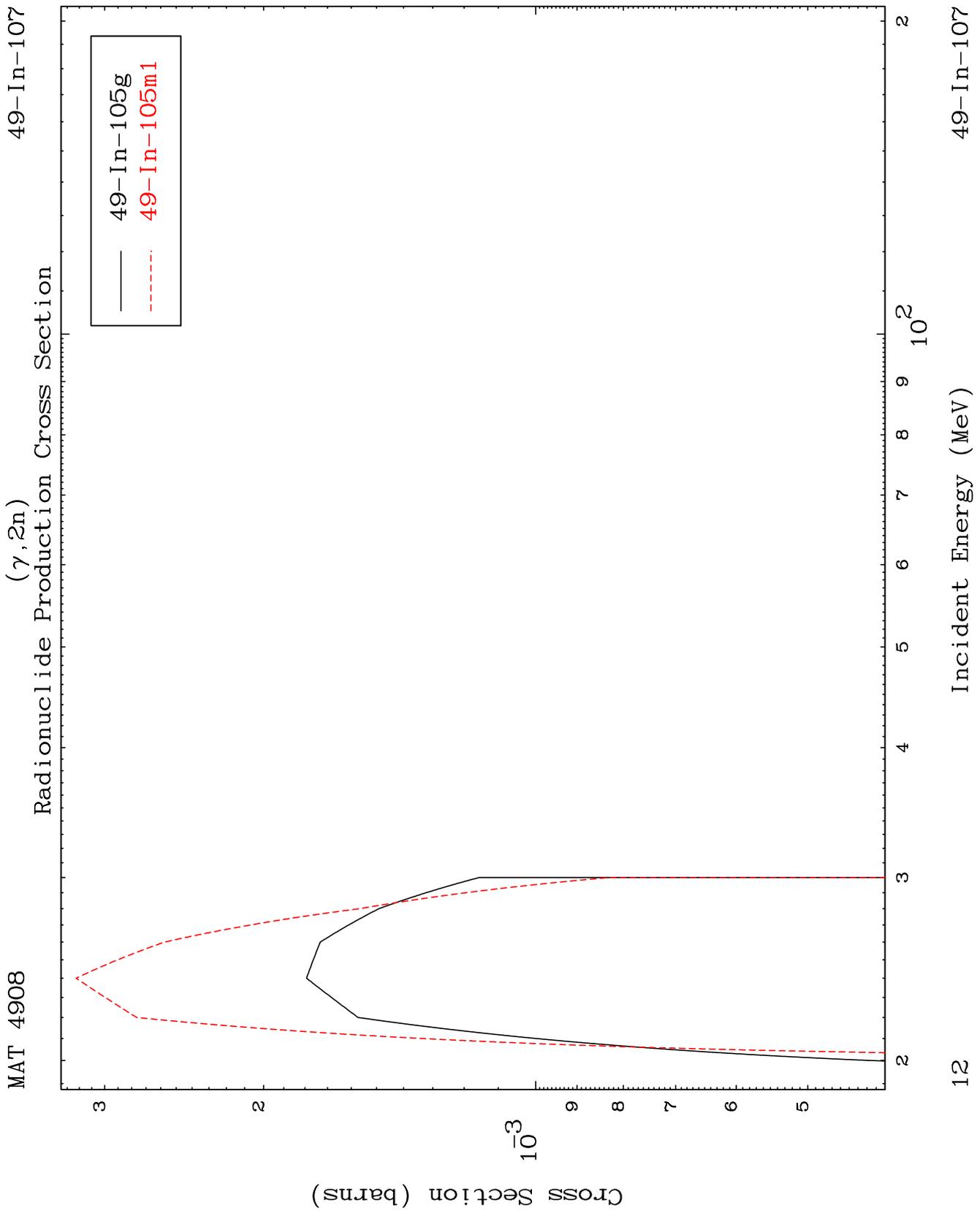
49-In-107



49-In-107

Incident Energy (MeV)

11

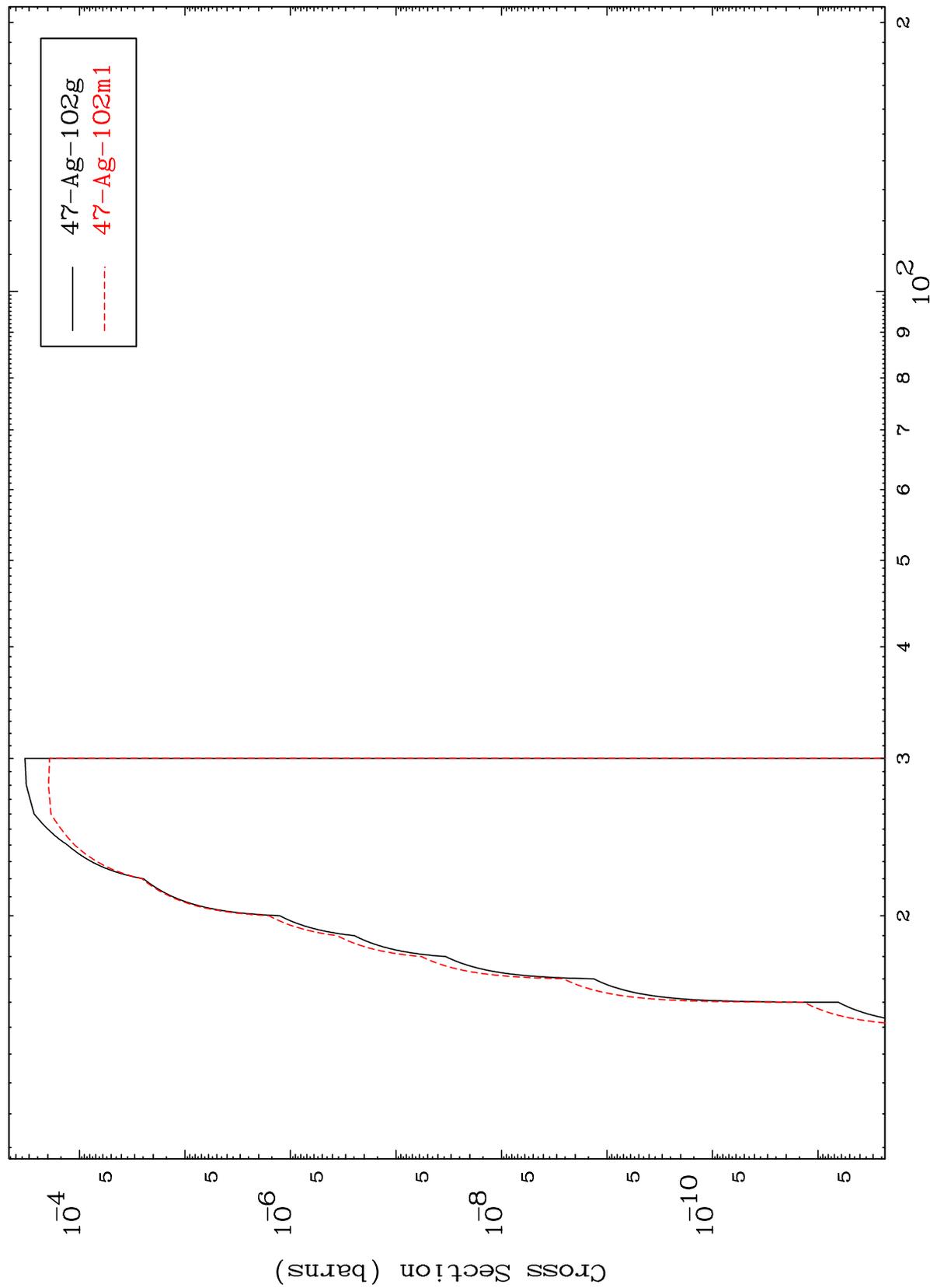


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$(\gamma, n')$   $\alpha$

49-In-107

Radionuclide Production Cross Section



13

Incident Energy (MeV)

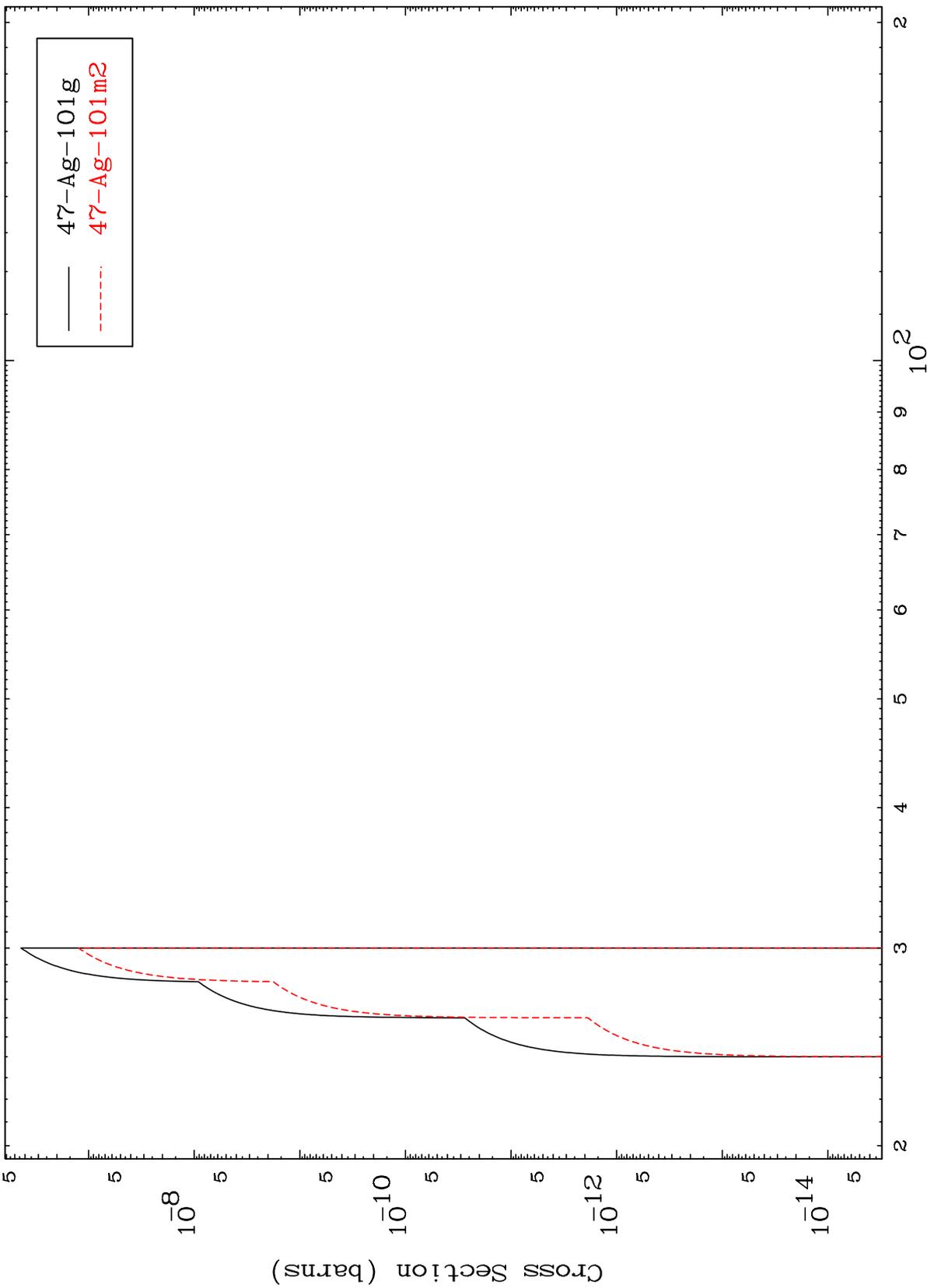
49-In-107

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$(\gamma, 2n) \alpha$

49-In-107

Radionuclide Production Cross Section



14

Incident Energy (MeV)

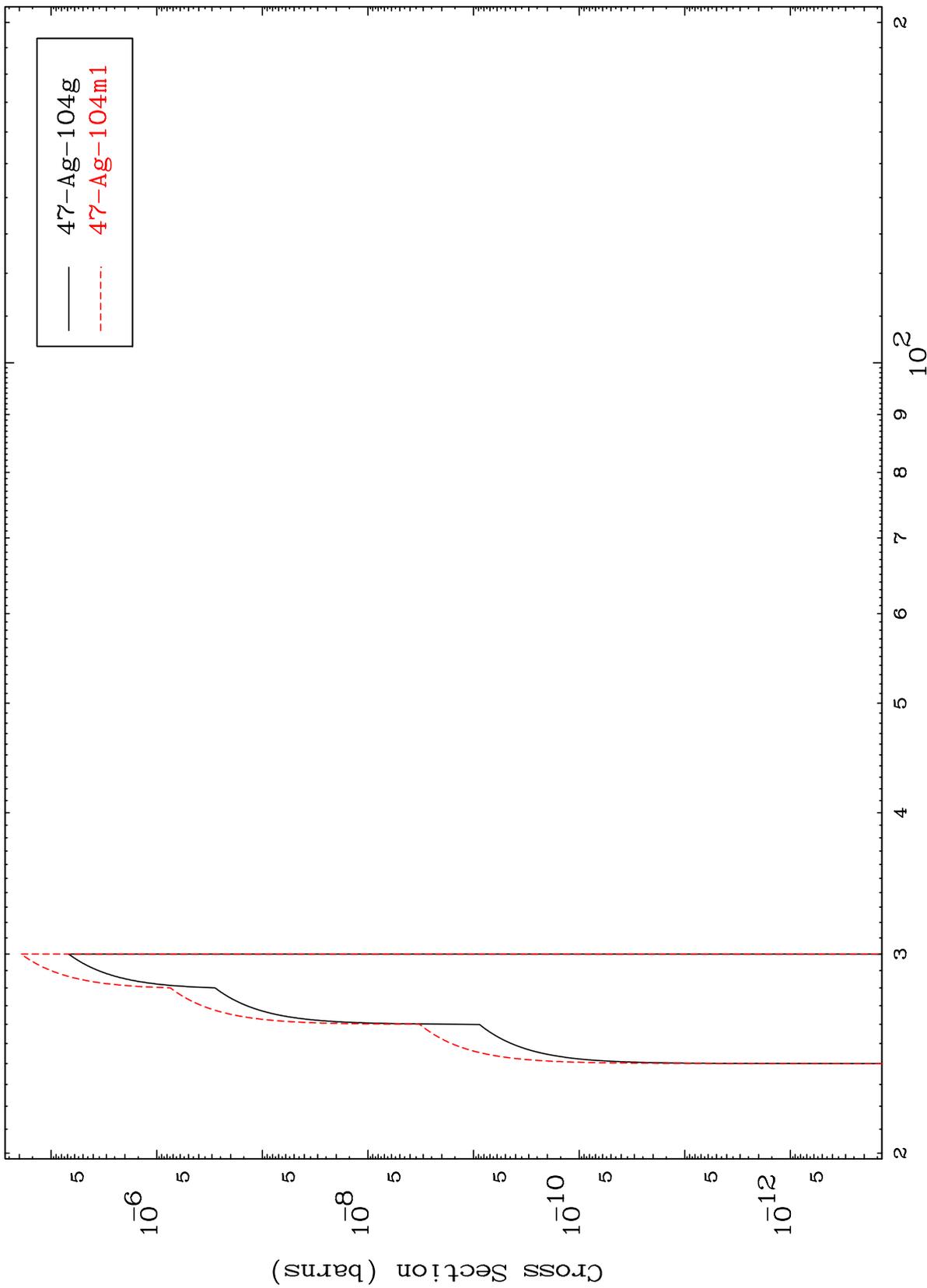
49-In-107

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( $\gamma, 2n$ ) p

49-In-107

Radionuclide Production Cross Section



15

Incident Energy (MeV)

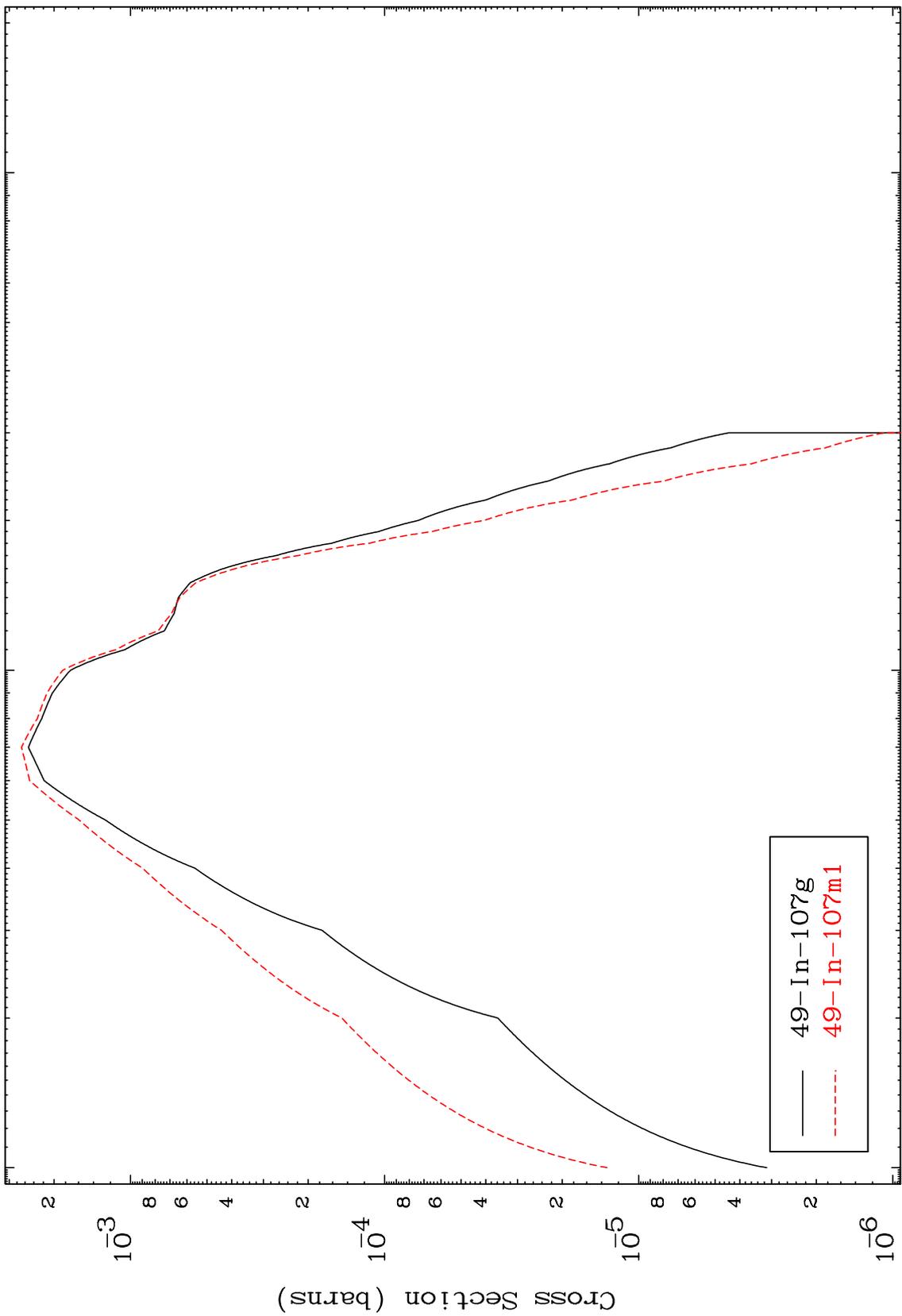
49-In-107

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49-In-107

Radionuclide Production Cross Section

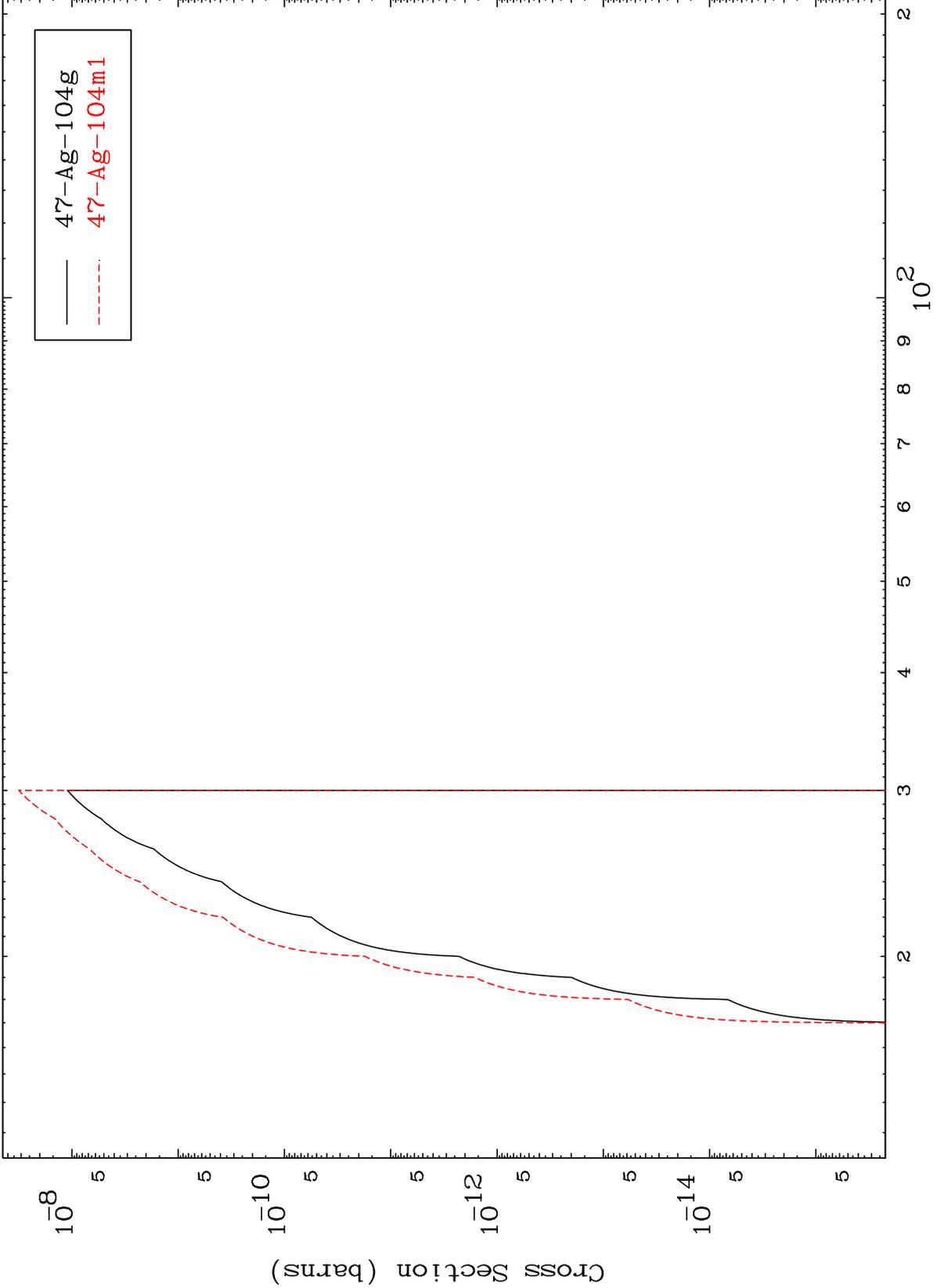
( $\gamma, \gamma$ )



— 49-In-107g  
- - - 49-In-107m1

10<sup>-6</sup> 2 4 6 8 10<sup>1</sup> 2 4 6 8 10<sup>2</sup> 2  
Cross Section (barns) Incident Energy (MeV) 49-In-107

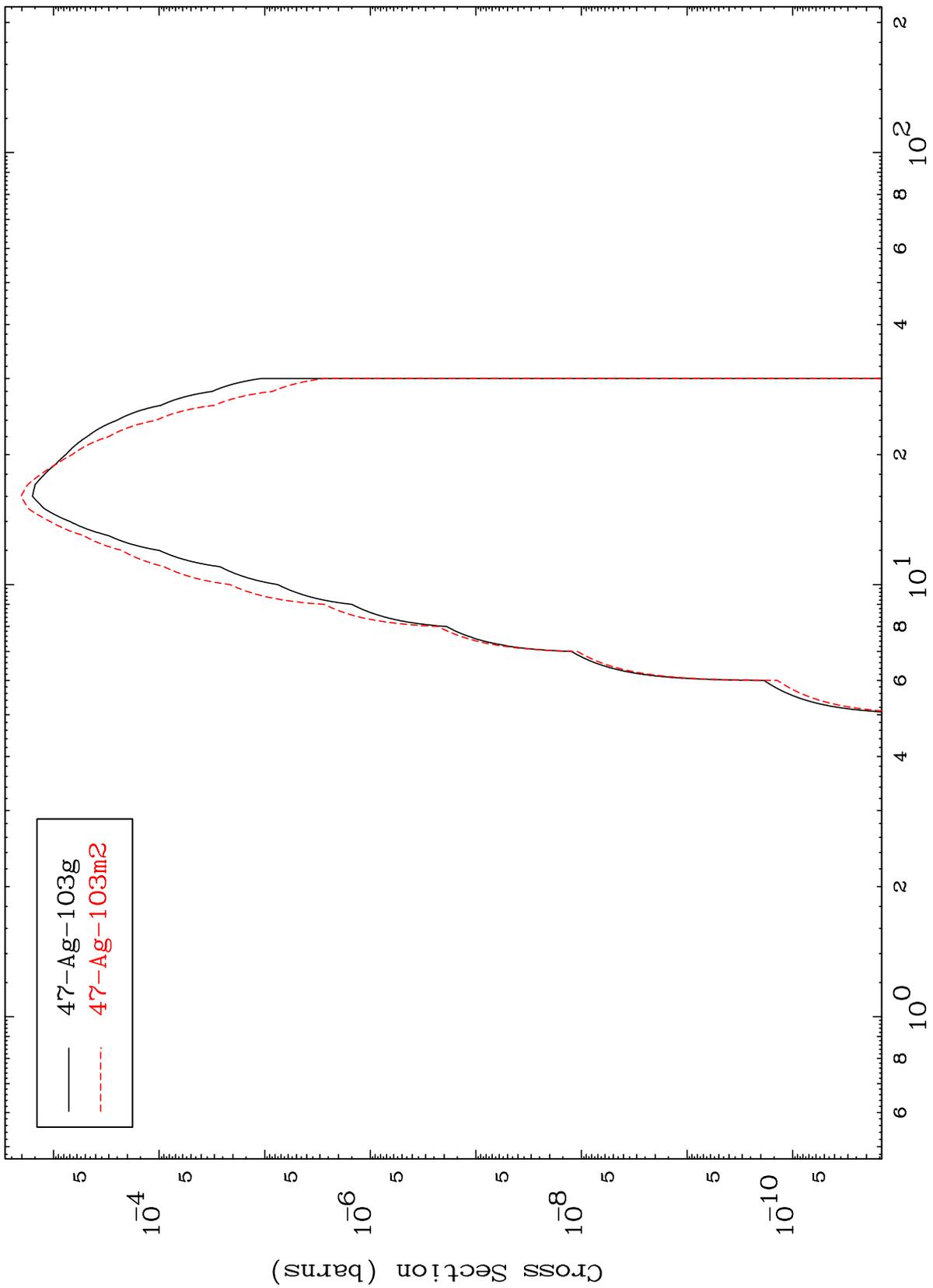
Radionuclide Production Cross Section



MAT 4908

49-In-107

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



— 47-Ag-103g  
- - - 47-Ag-103m2

18

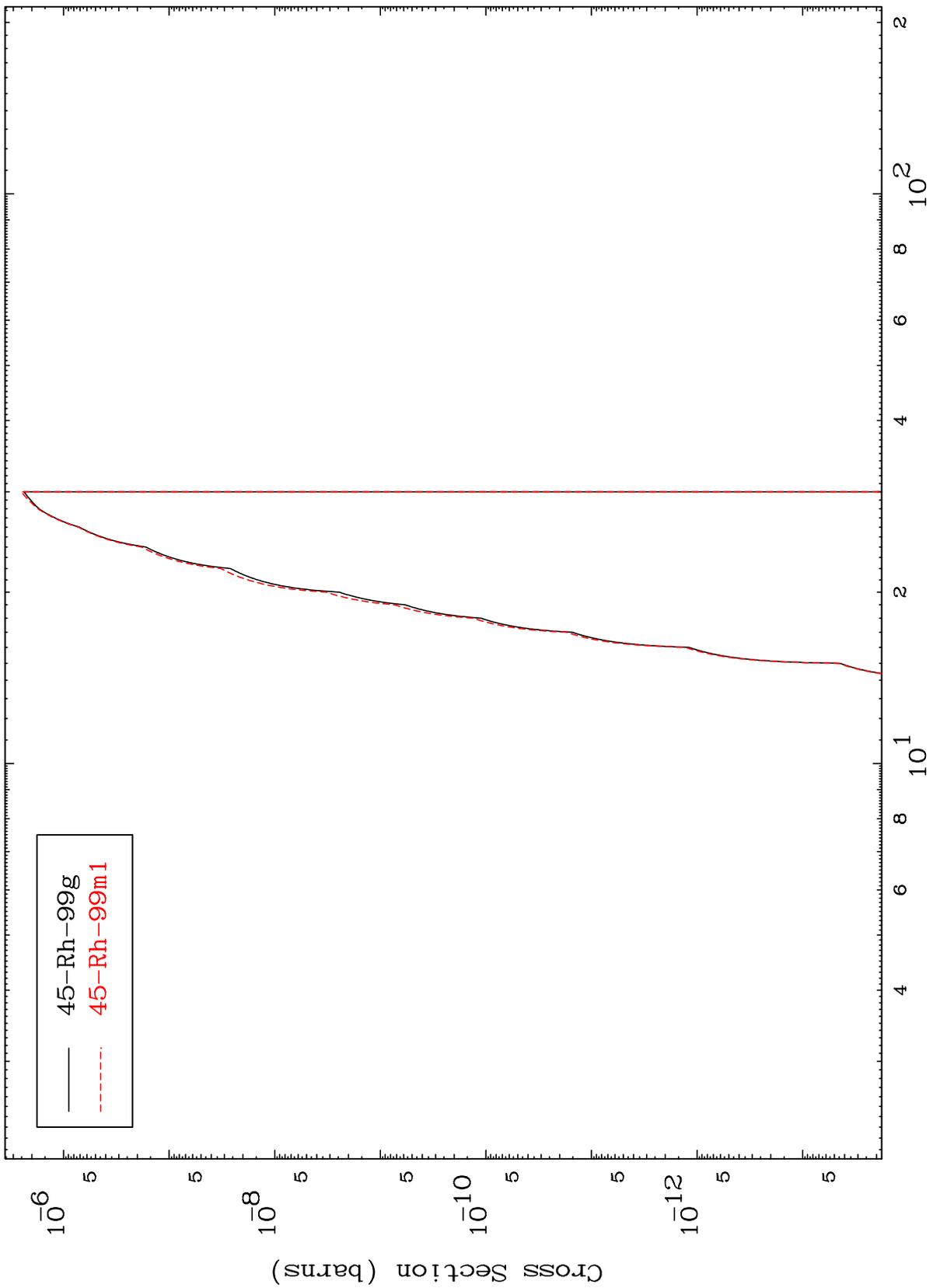
Incident Energy (MeV)

49-In-107

MAT 4908

49-In-107

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



19

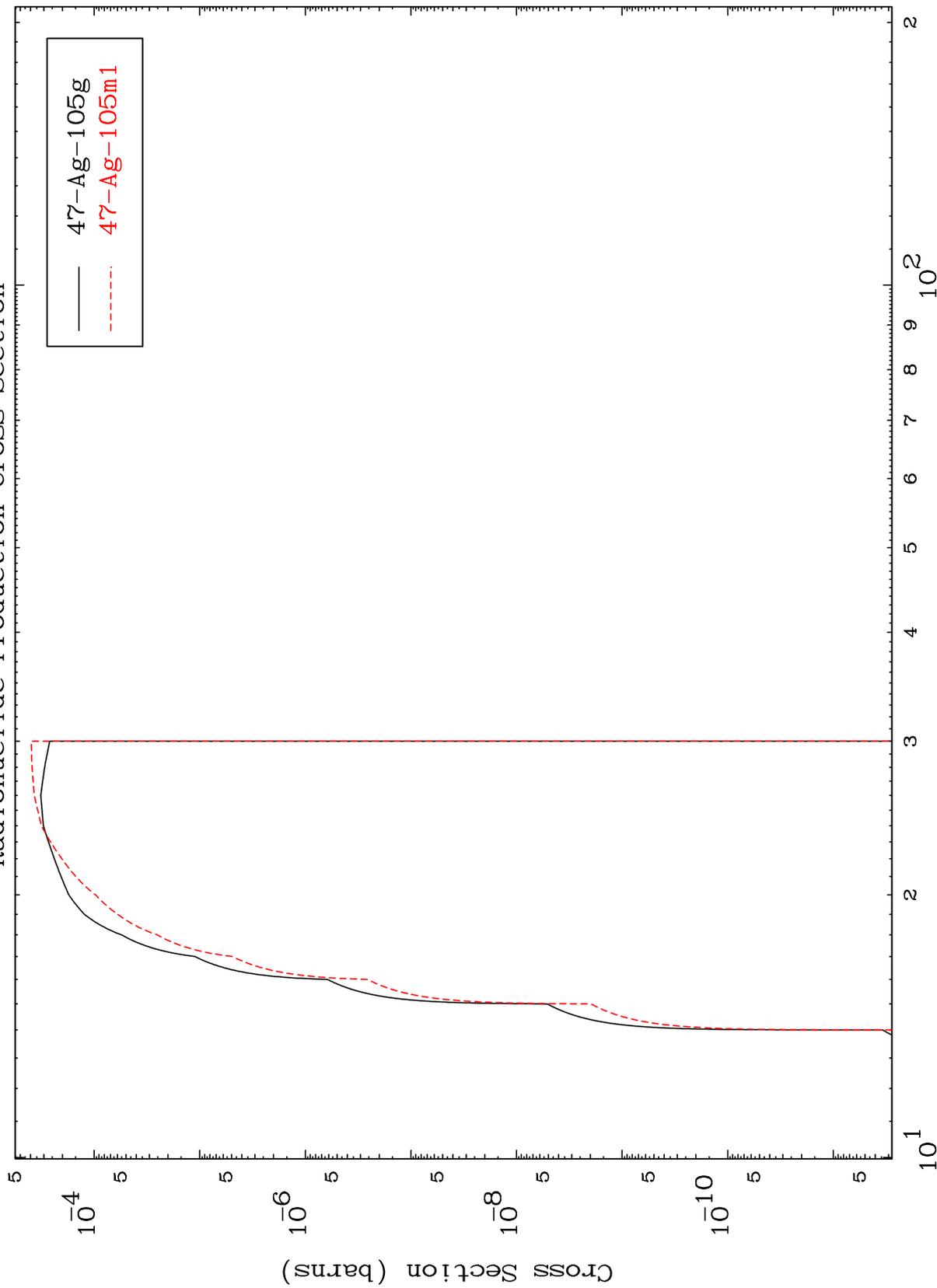
49-In-107

Incident Energy (MeV)

MAT 4908

49-In-107

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



49-In-107

Incident Energy (MeV)

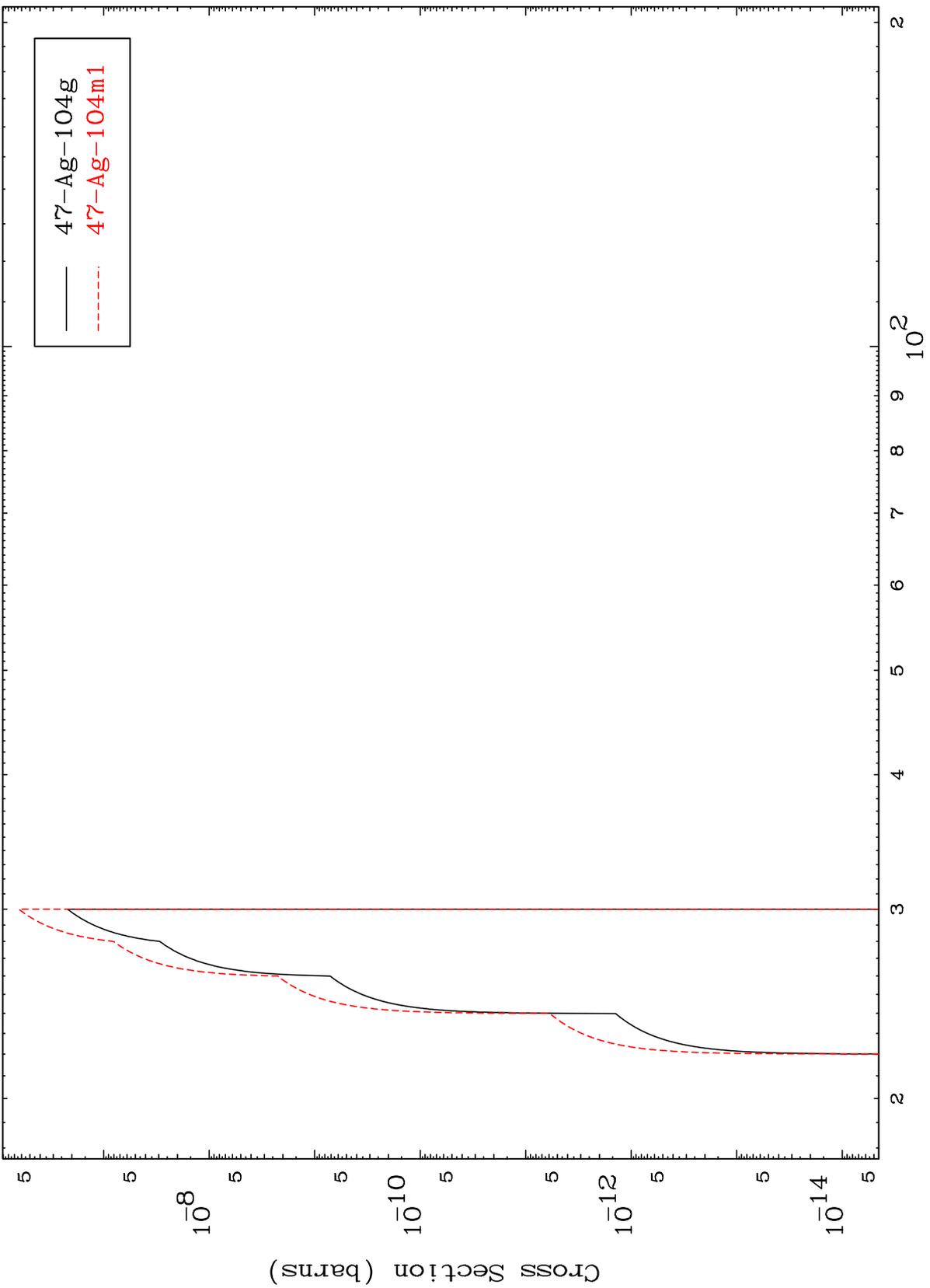
20

MAT 4908

( $\gamma, p$ ) d

49-In-107

Radionuclide Production Cross Section



21

Incident Energy (MeV)

49-In-107

MAT 4908

( $\gamma, p$ ) t

49-In-107

Radionuclide Production Cross Section

