

Program EVALPLOT  
(Version 2021-1)

by

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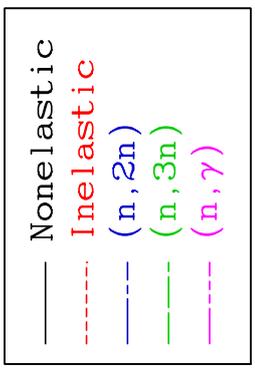
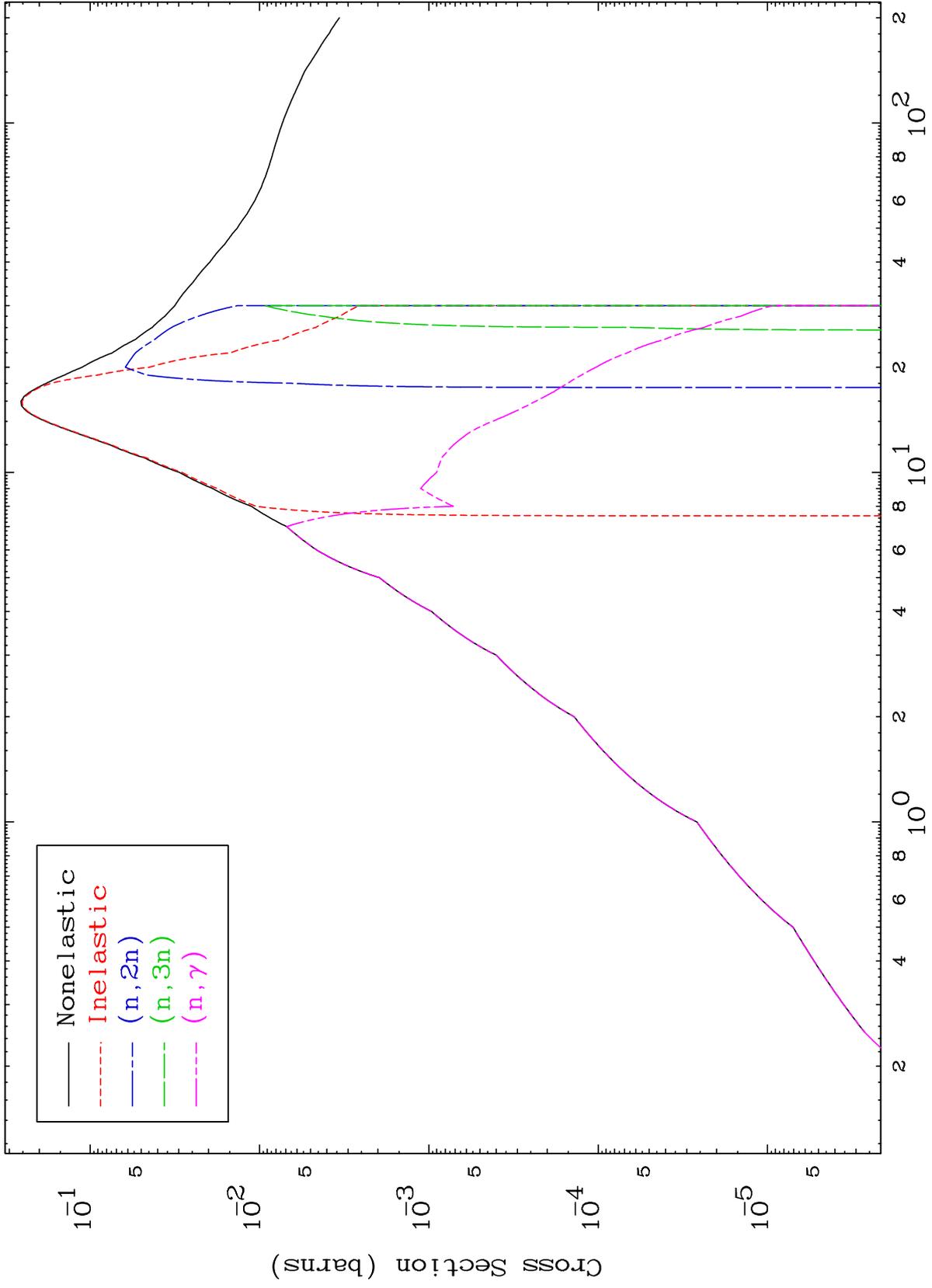
Press Mouse Button to Start

MAT 4923

Photon Major

49-In-112m

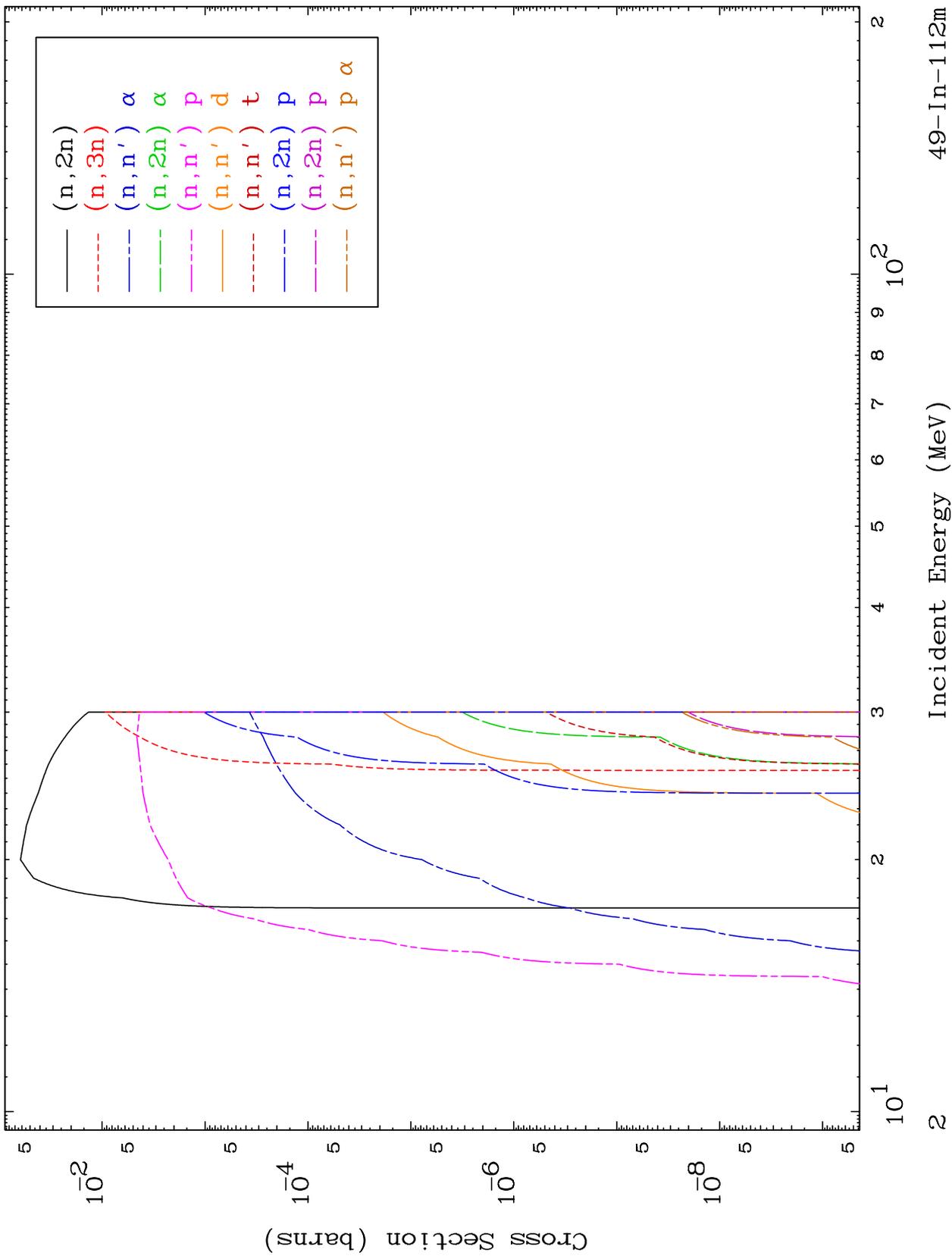
0 Kelvin Cross Sections



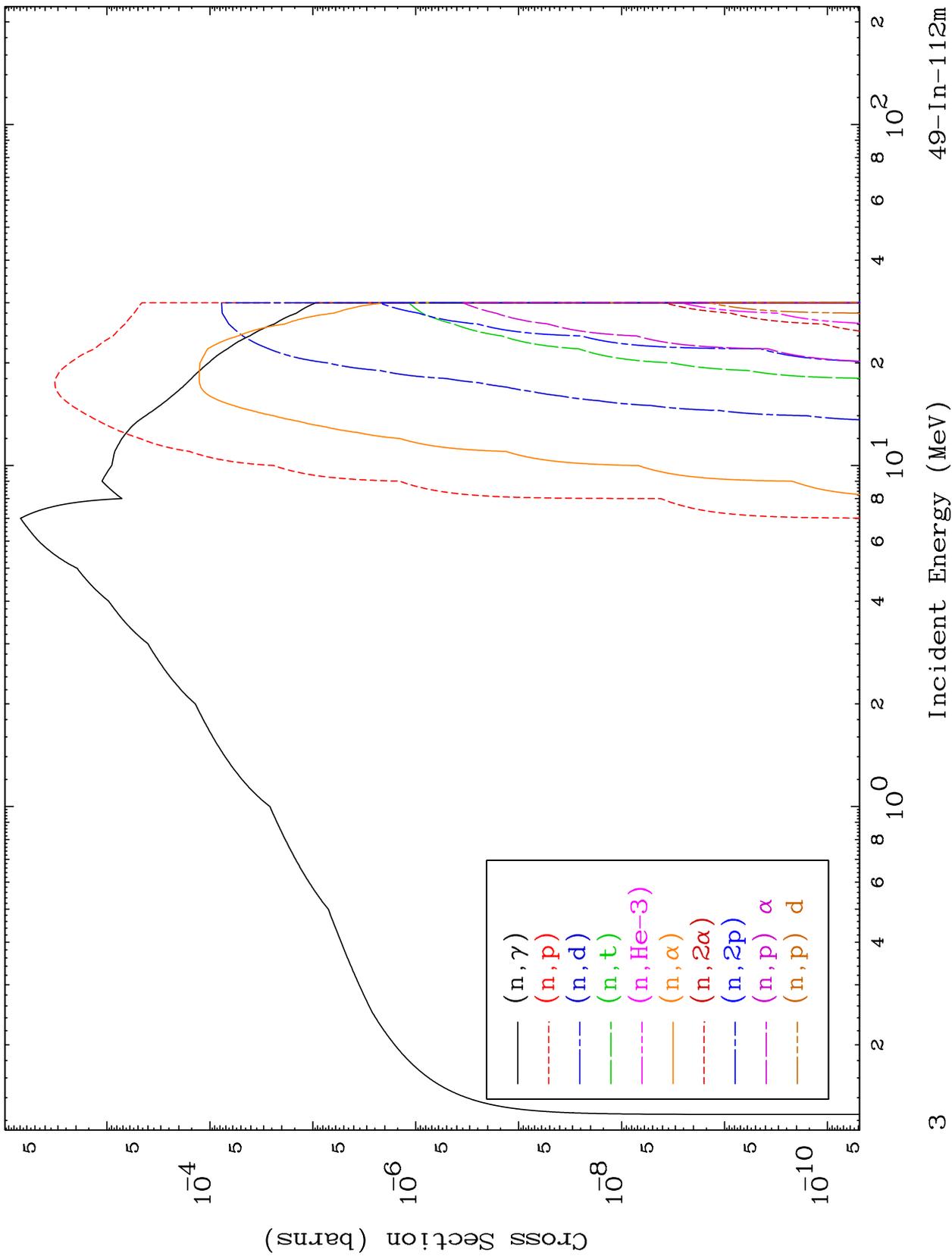
MAT 4923

Photon Neutron Absorption  
0 Kelvin Cross Sections

49-In-112m



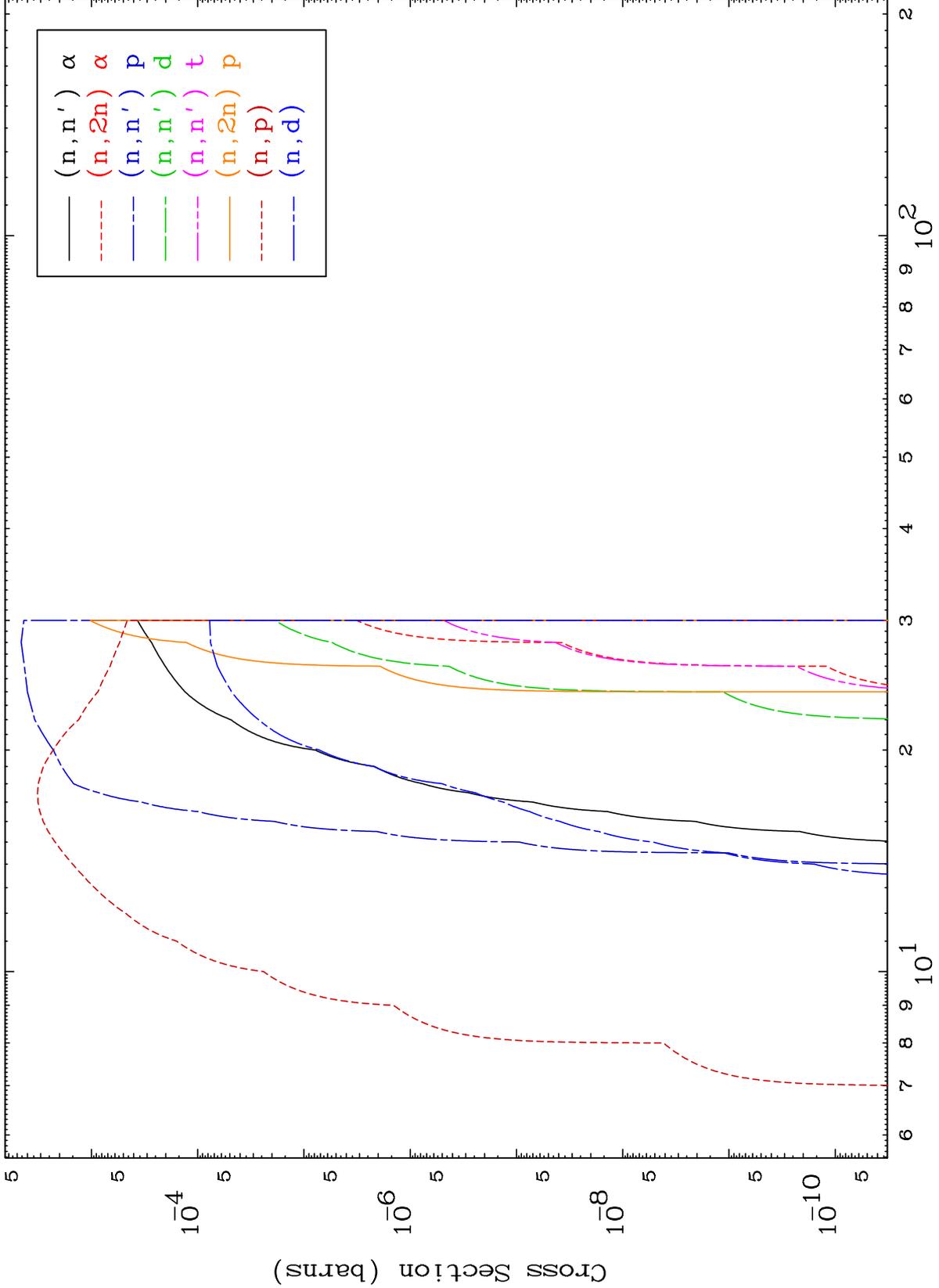
49-In-112m



MAT 4923

Photon Charged Particle  
0 Kelvin Cross Sections

49-In-112m



4

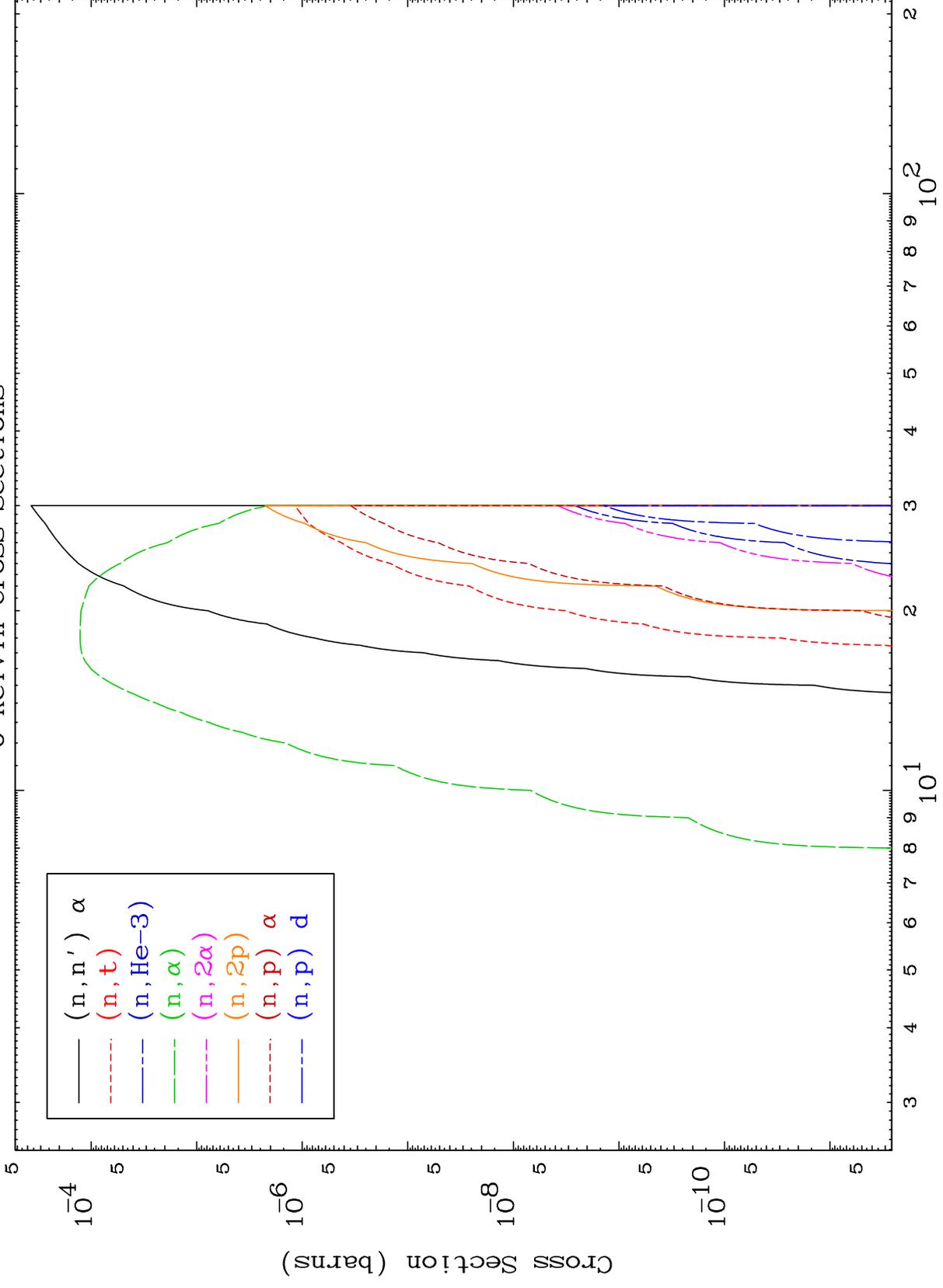
Incident Energy (MeV)

49-In-112m

MAT 4923

Photon Charged Particle  
0 Kelvin Cross Sections

49-In-112m



5

Incident Energy (MeV)

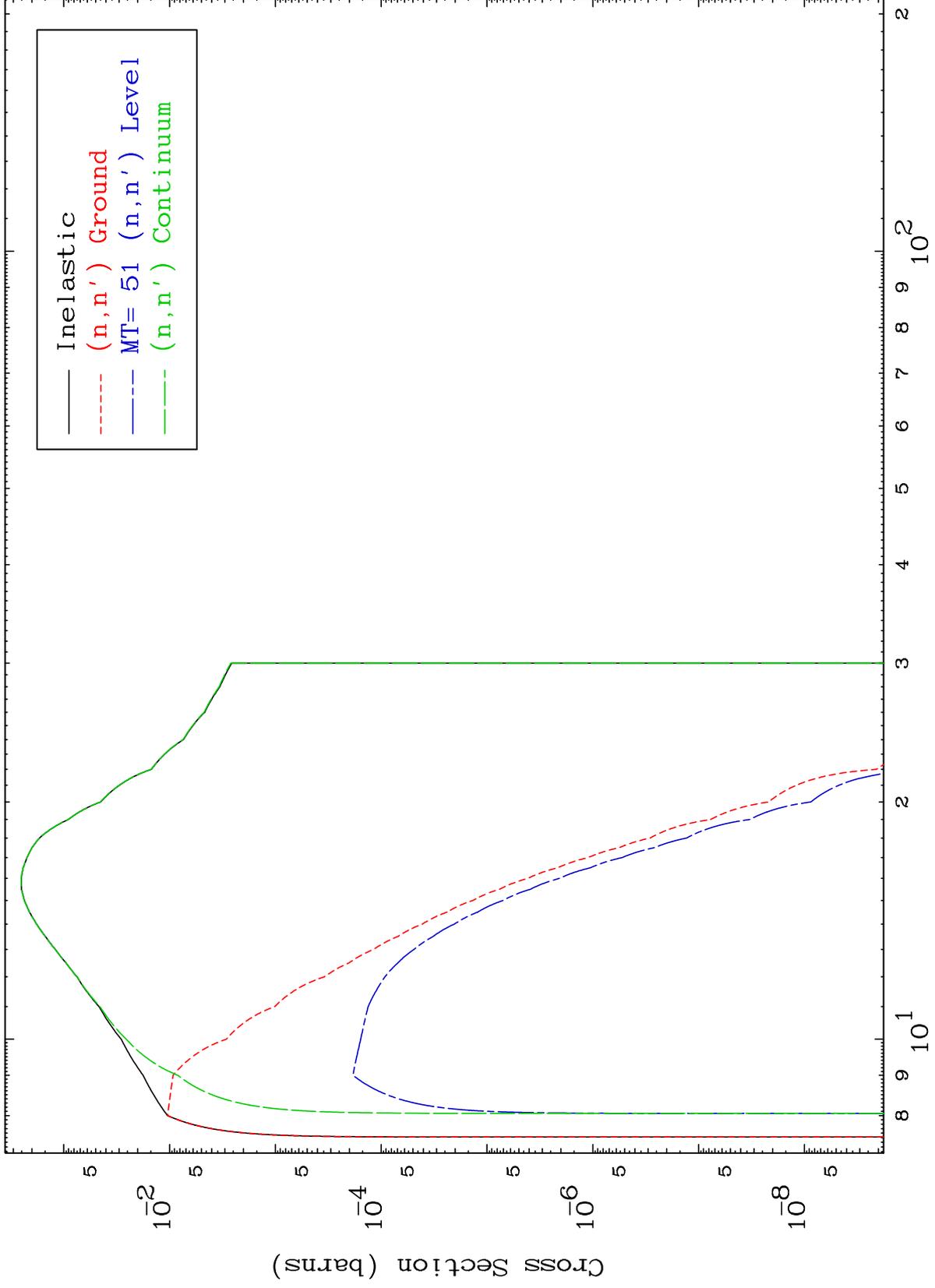
49-In-112m

MAT 4923

( $\gamma, n'$ ) Levels

49-In-112m

0 Kelvin Cross Sections



Incident Energy (MeV)

49-In-112m

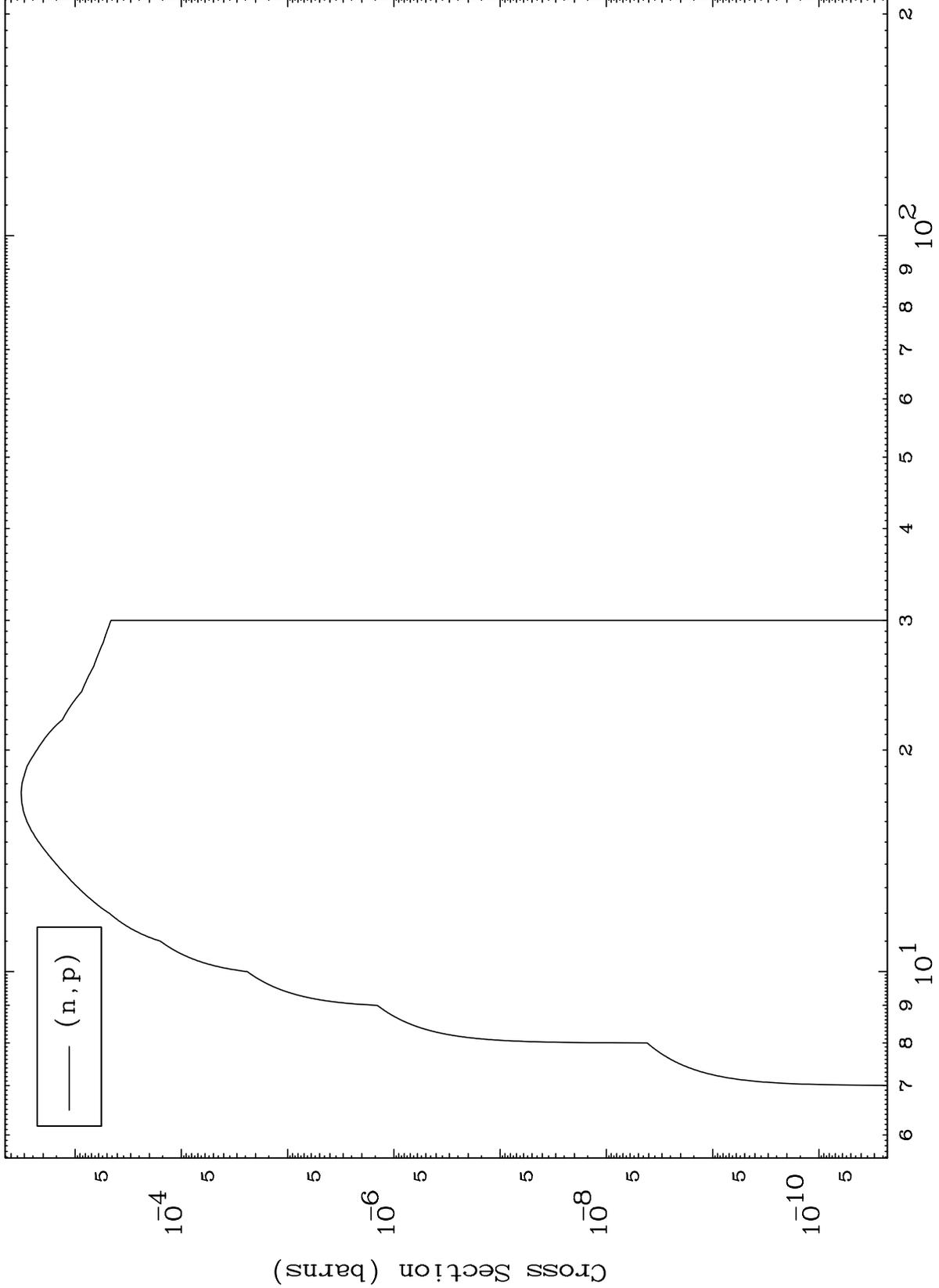
6

MAT 4923

( $\gamma, p$ ) Levels

49-In-112m

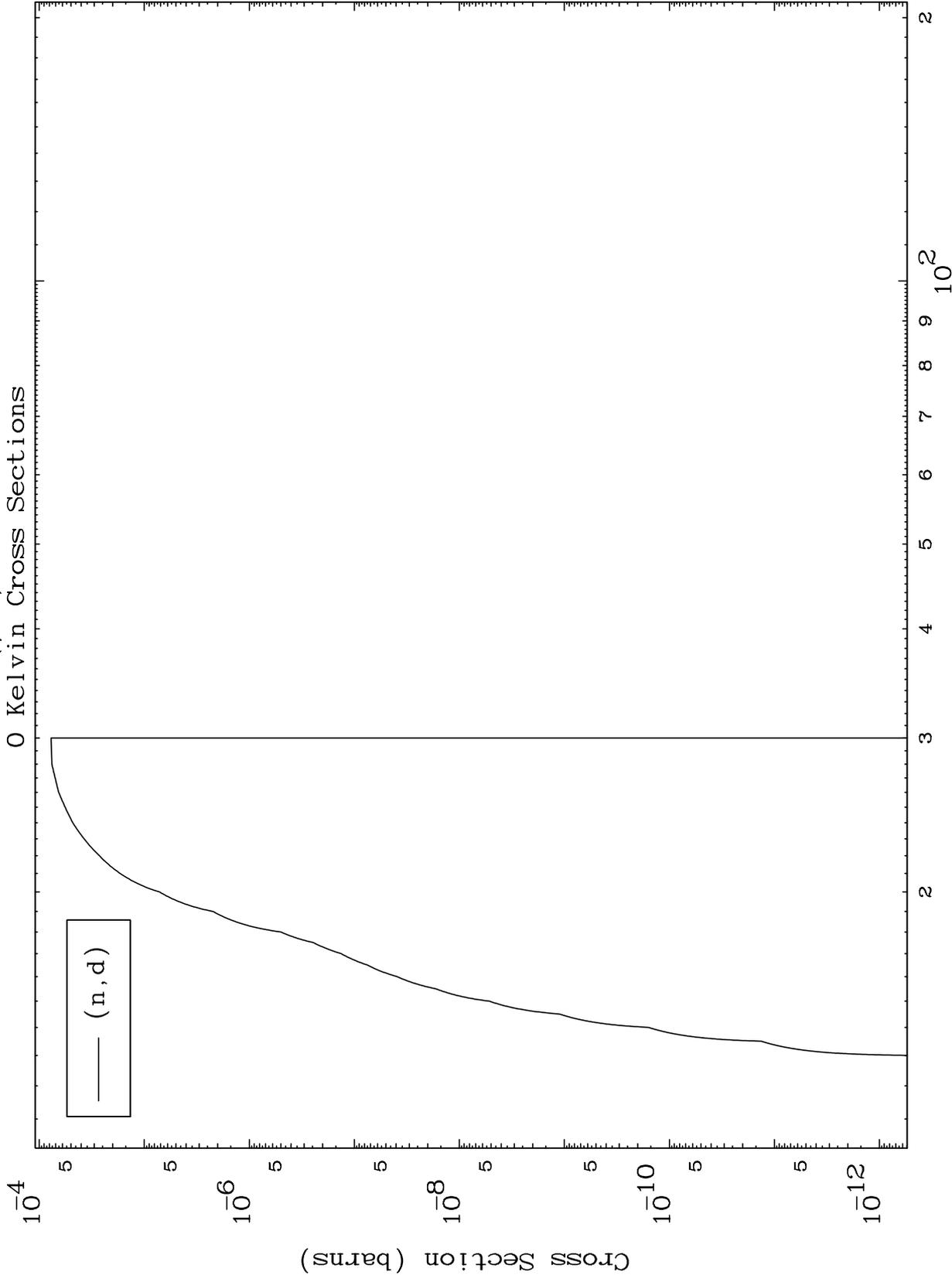
0 Kelvin Cross Sections



MAT 4923

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

49-In-112m



8

Incident Energy (MeV)

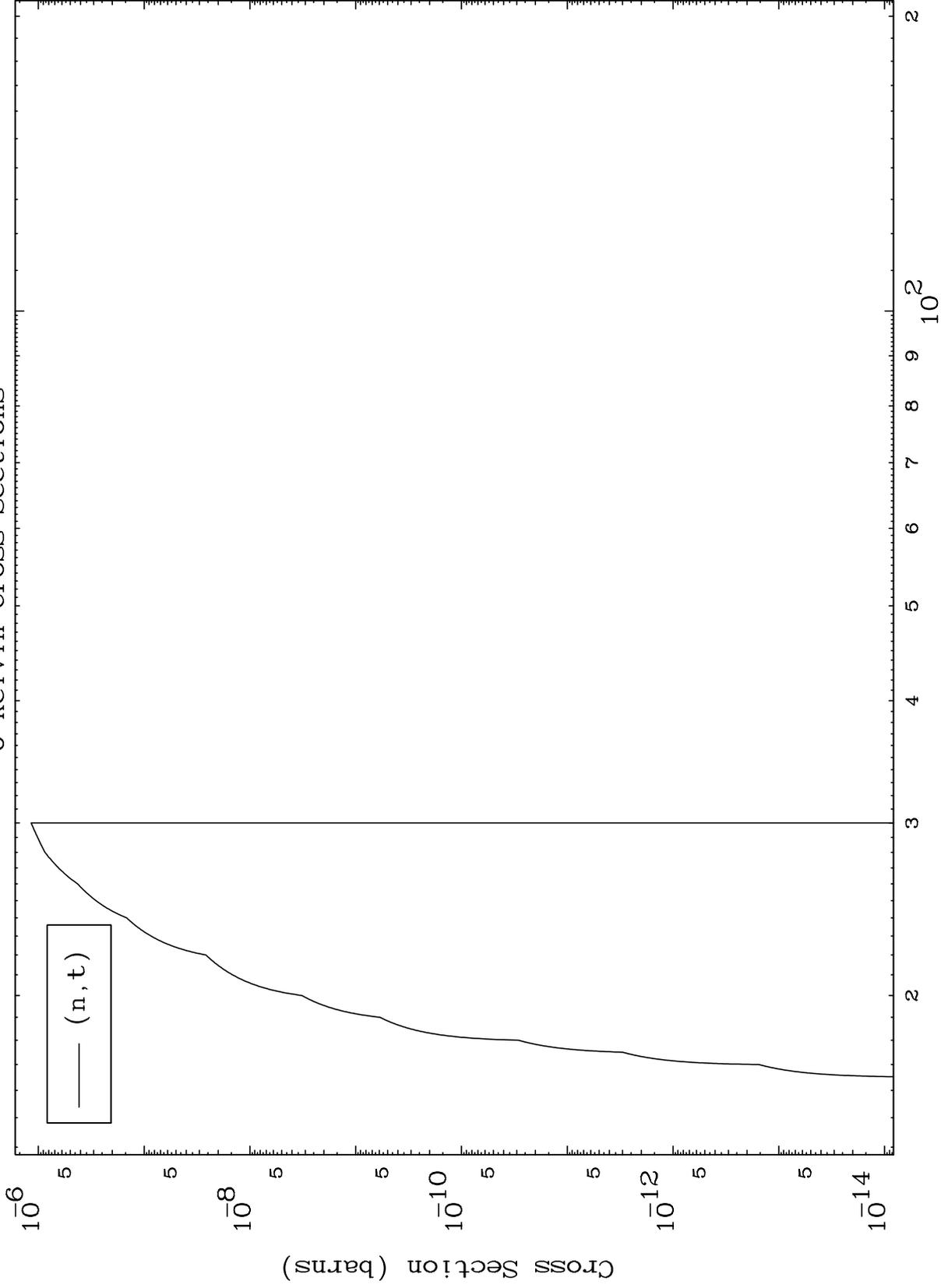
49-In-112m

MAT 4923

( $\gamma, t$ ) Levels

49-In-112m

0 Kelvin Cross Sections



9

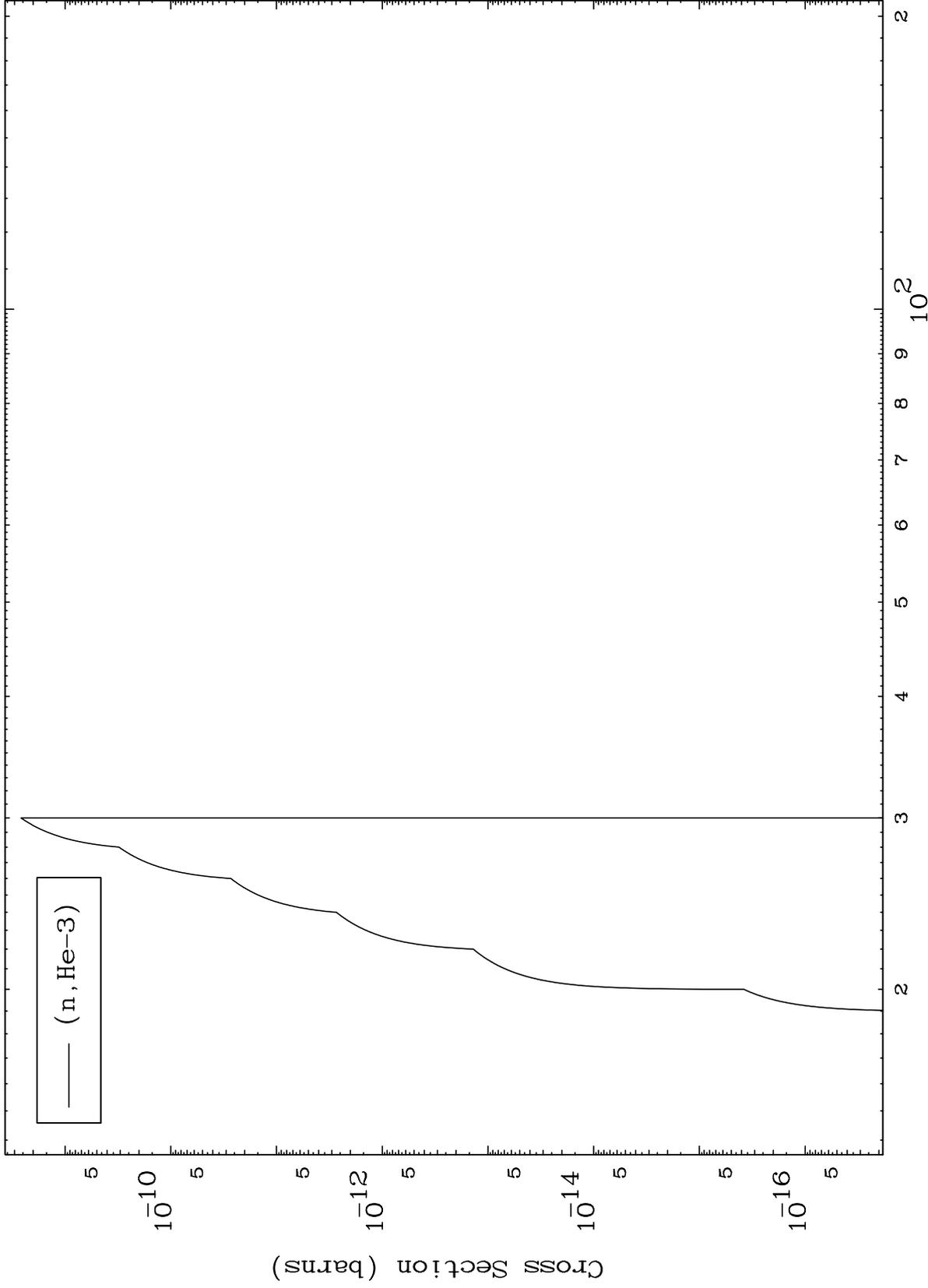
Incident Energy (MeV)

49-In-112m

MAT 4923

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

49-In-112m



10

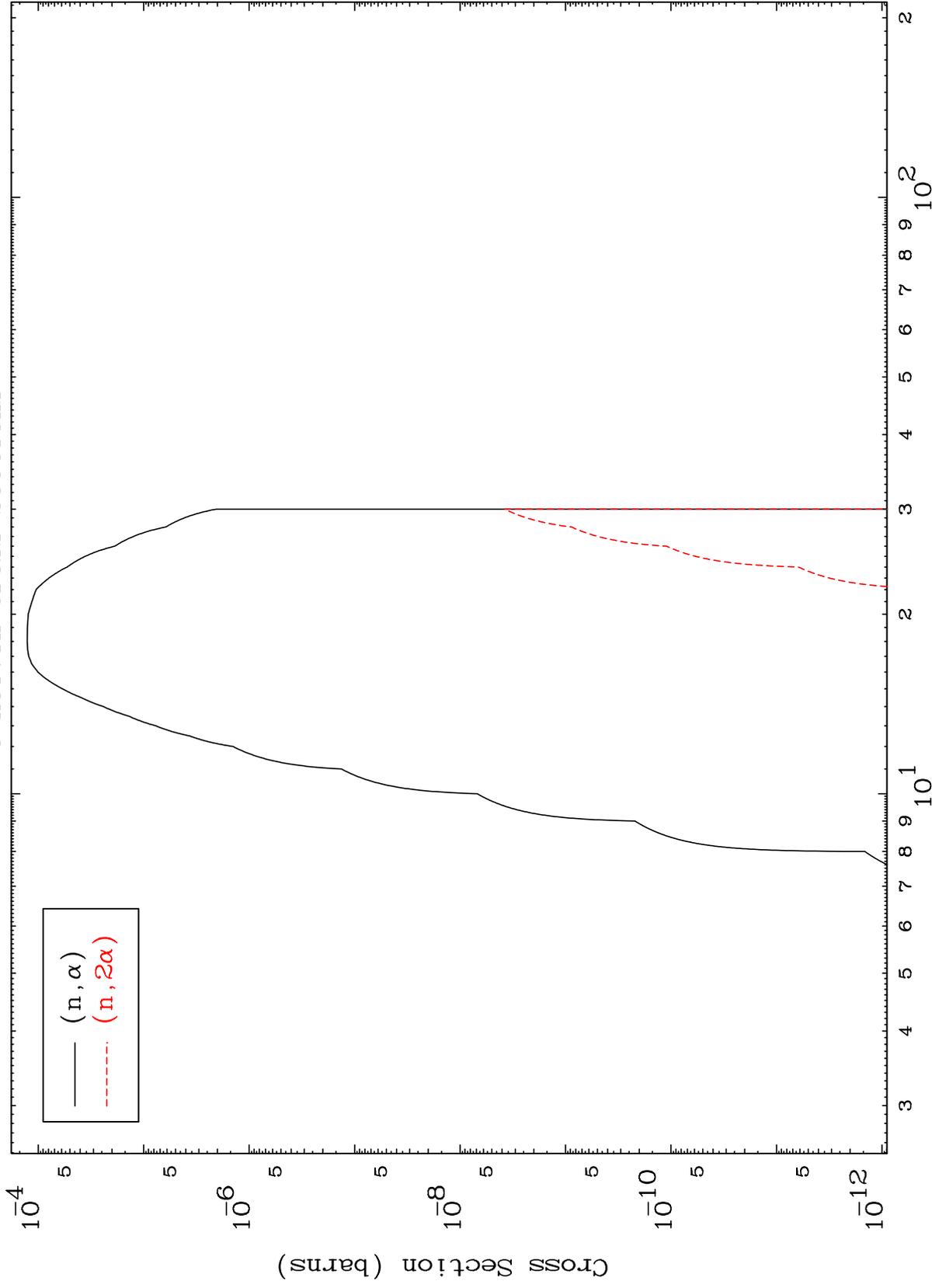
Incident Energy (MeV)

49-In-112m

MAT 4923

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

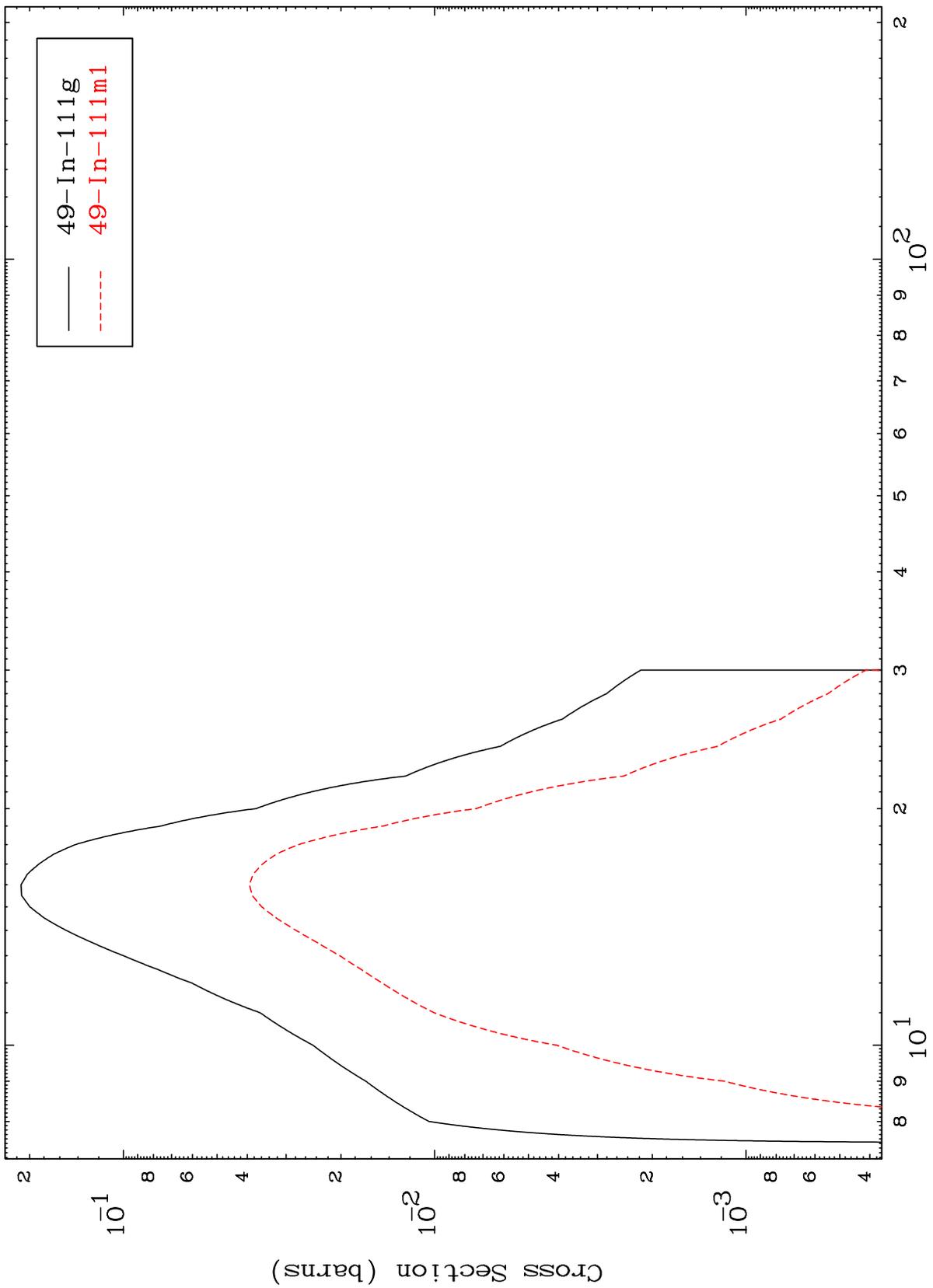
49-In-112m



MAT 4923

49-In-112m

Inelastic  
Radionuclide Production Cross Section



49-In-112m

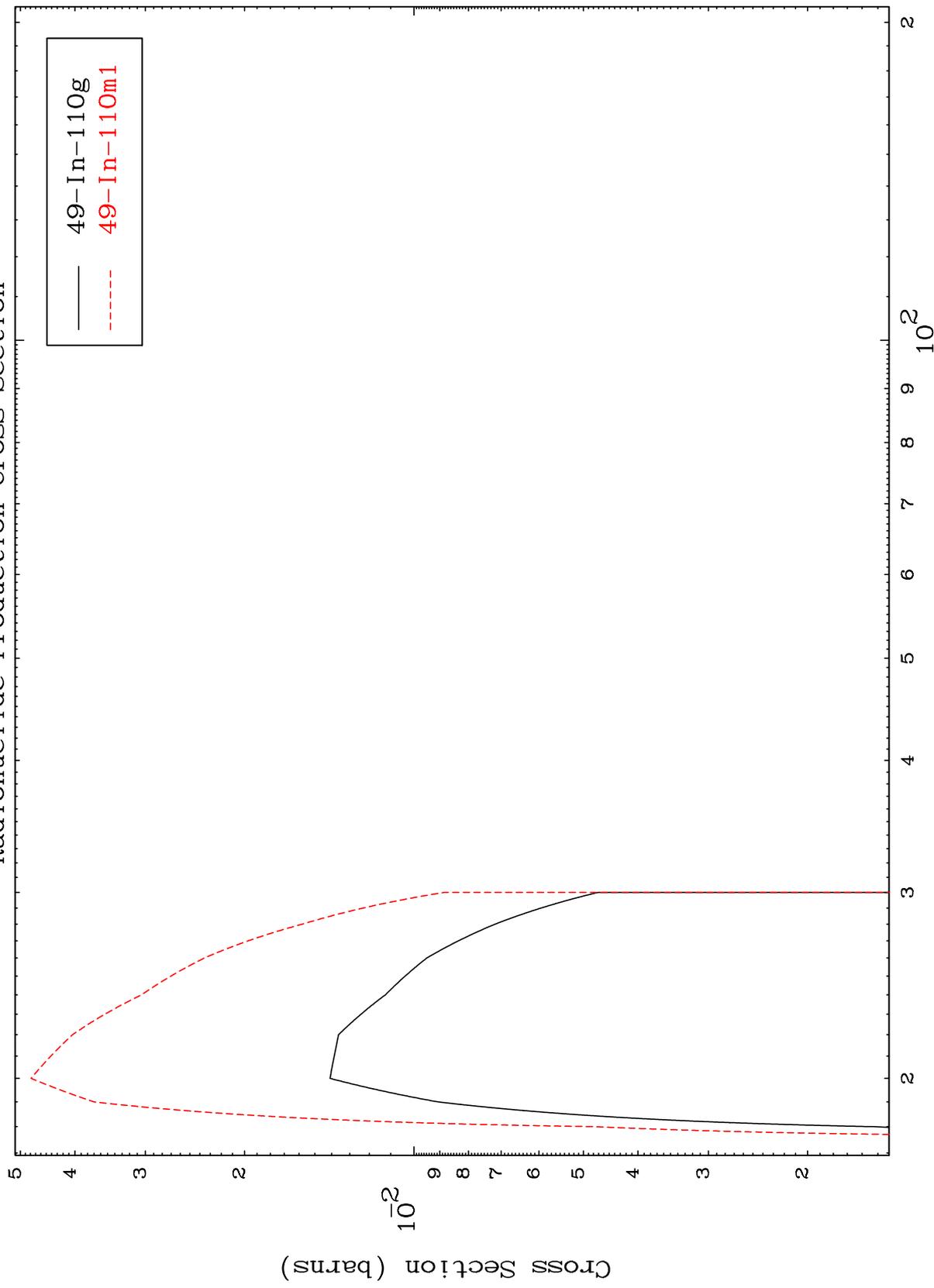
Incident Energy (MeV)

12

MAT 4923

49-In-112m

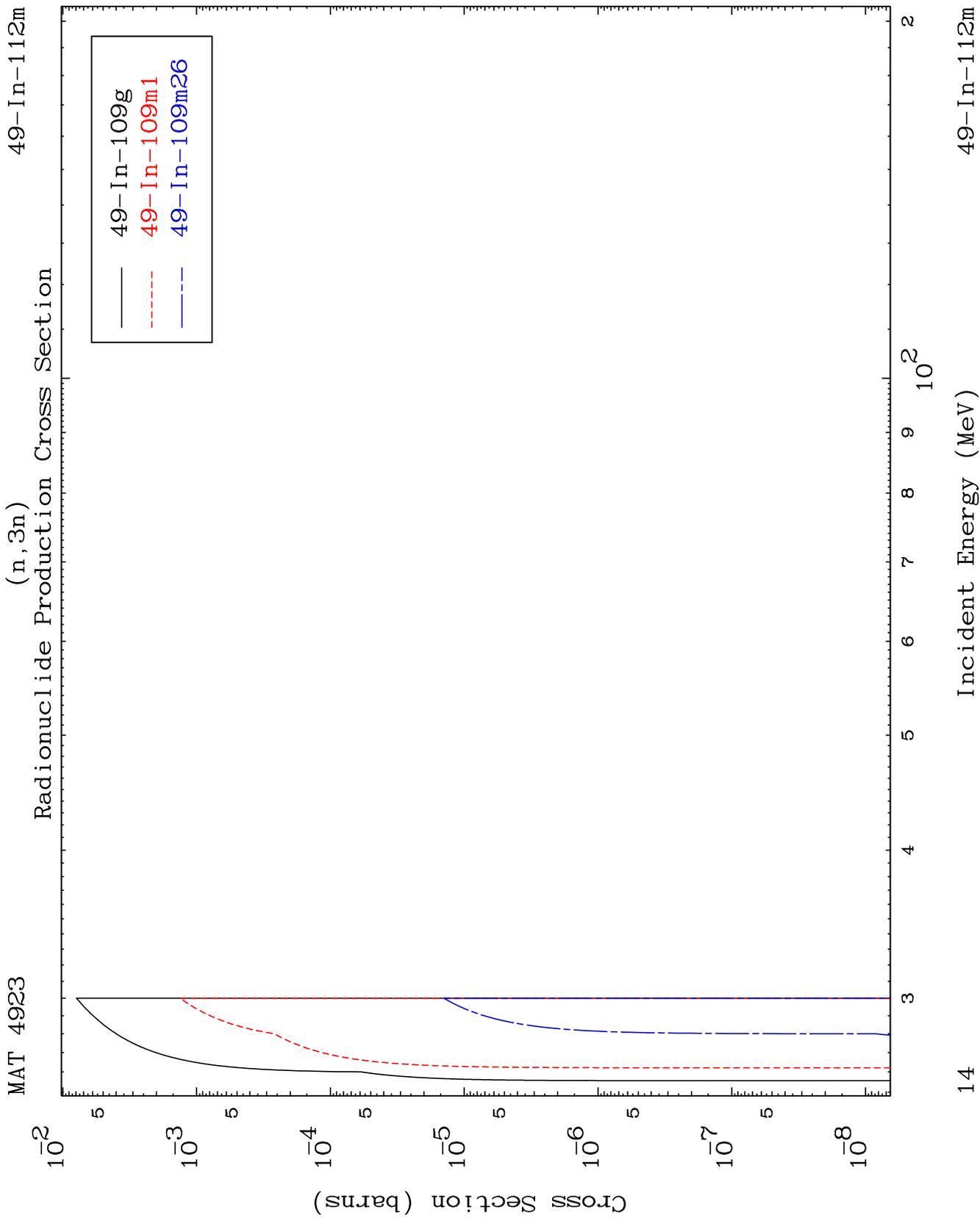
(n,2n)  
Radionuclide Production Cross Section



13

49-In-112m

Incident Energy (MeV)

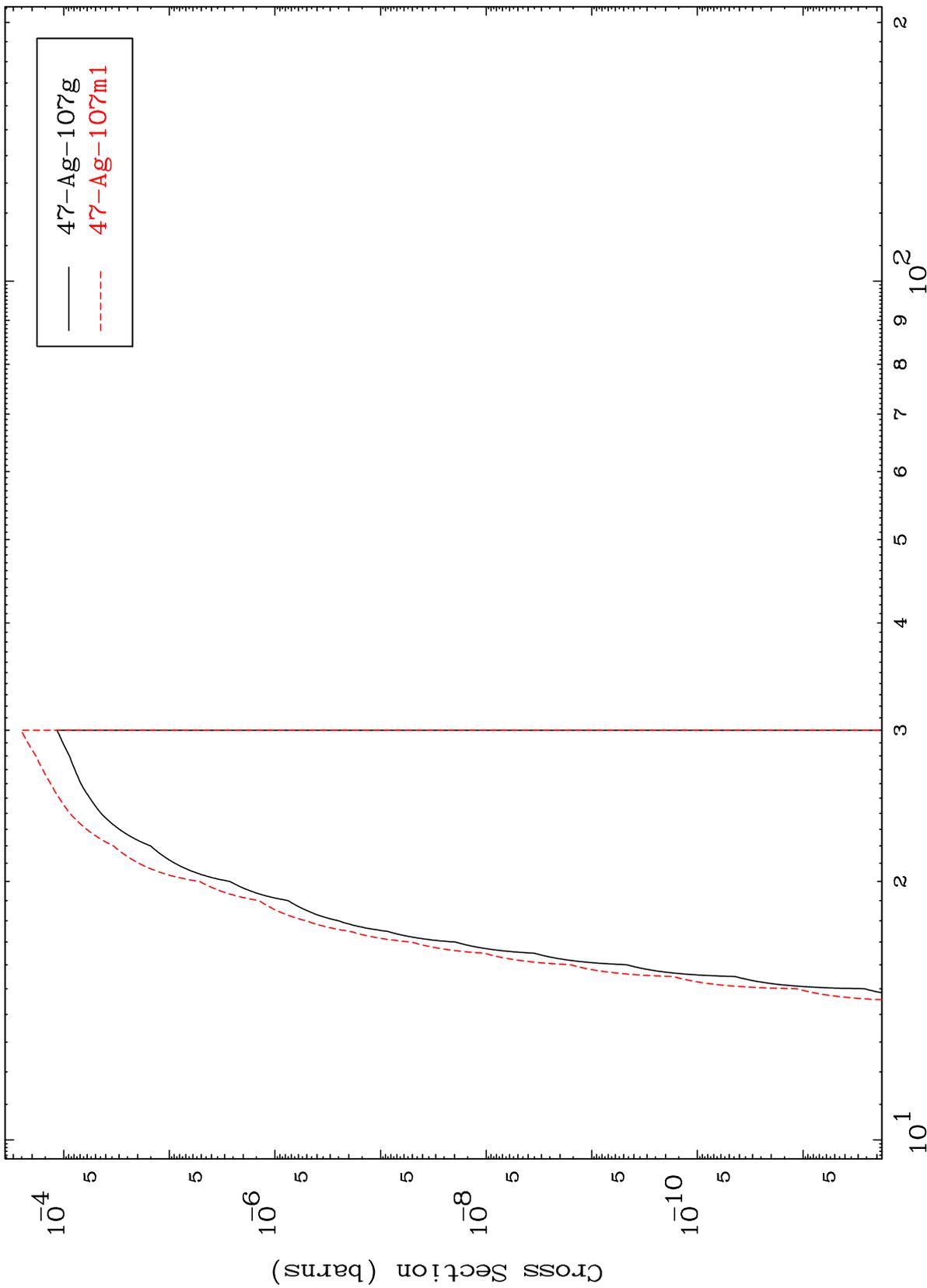


MAT 4923

$(n, n') \alpha$

49-In-112m

Radionuclide Production Cross Section



Incident Energy (MeV)

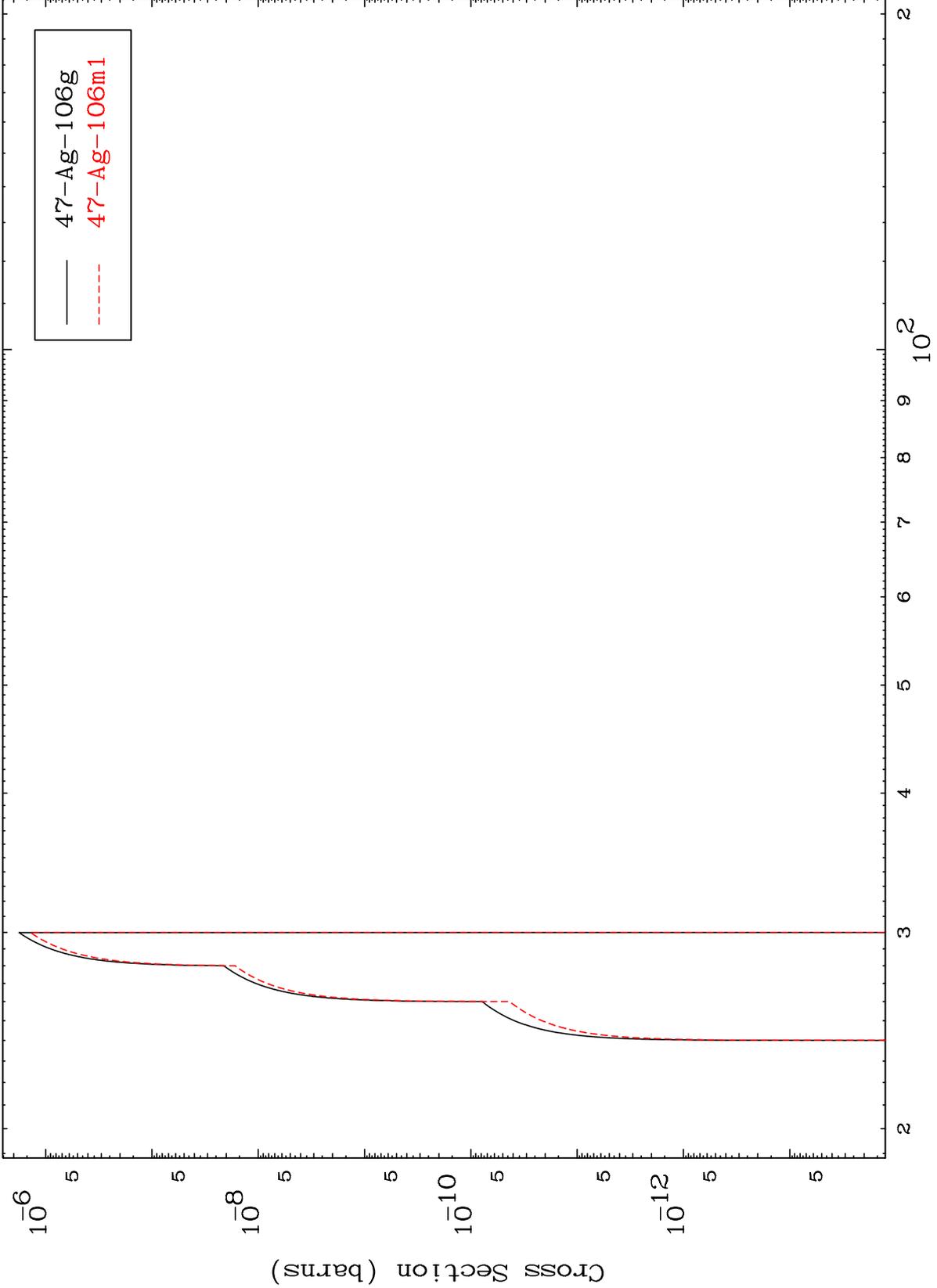
49-In-112m

MAT 4923

(n,2n)  $\alpha$

49-In-112m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

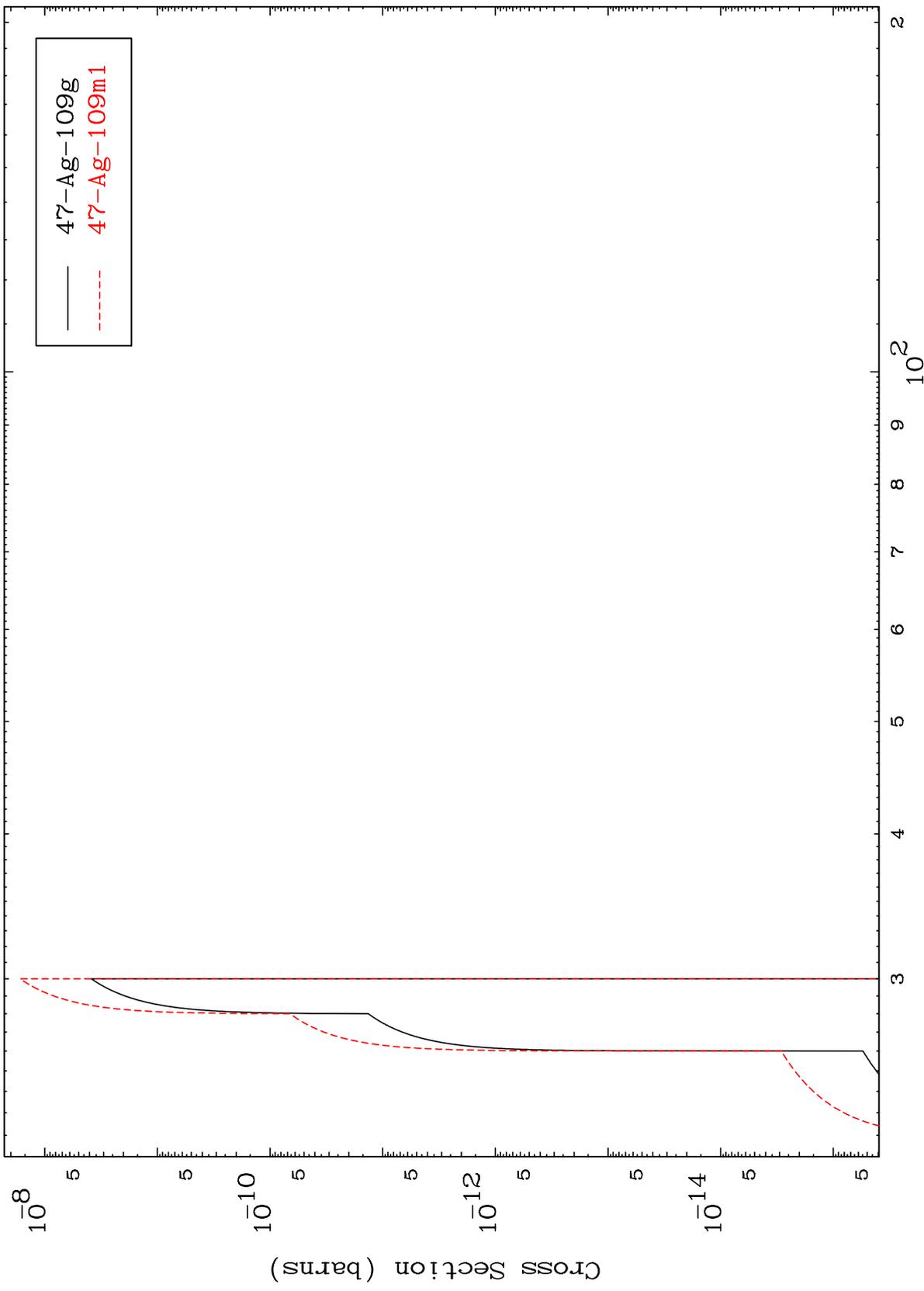
49-In-112m

MAT 4923

(n,2n) p

49-In-112m

Radionuclide Production Cross Section



17

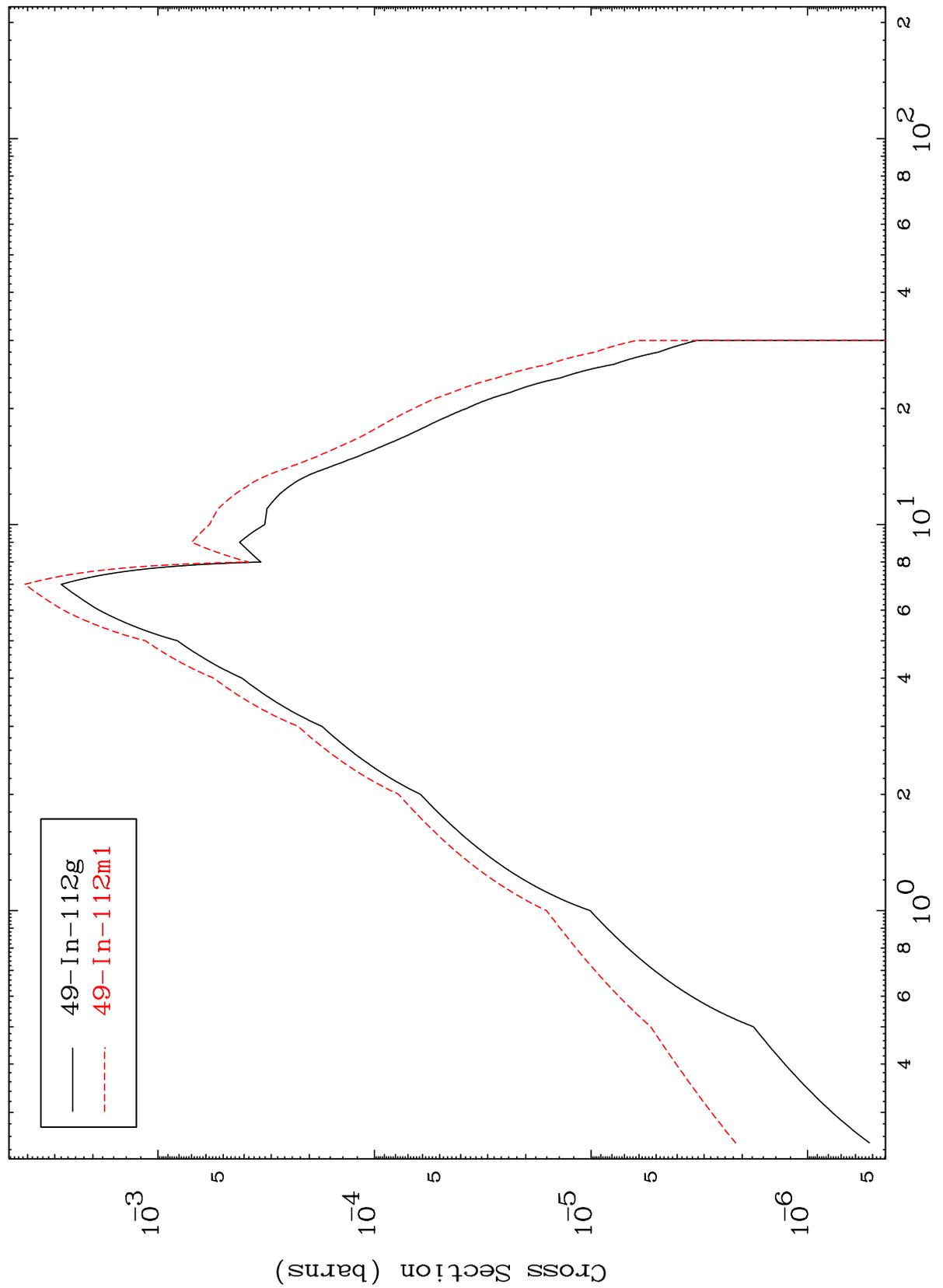
Incident Energy (MeV)

49-In-112m

MAT 4923

49-In-112m

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



18

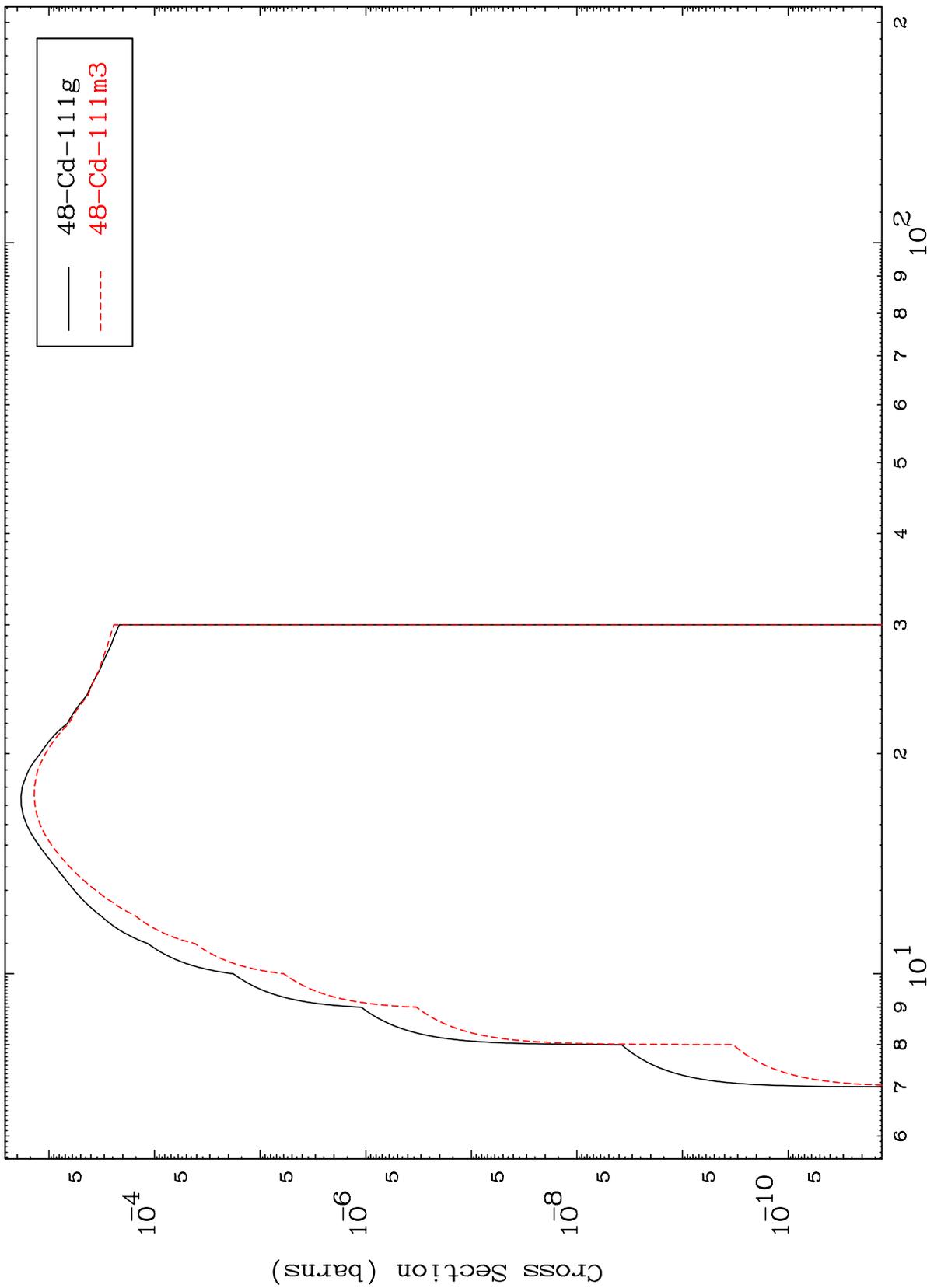
49-In-112m

Incident Energy (MeV)

MAT 4923

49-In-112m

(n,p)  
Radionuclide Production Cross Section



49-In-112m

Incident Energy (MeV)

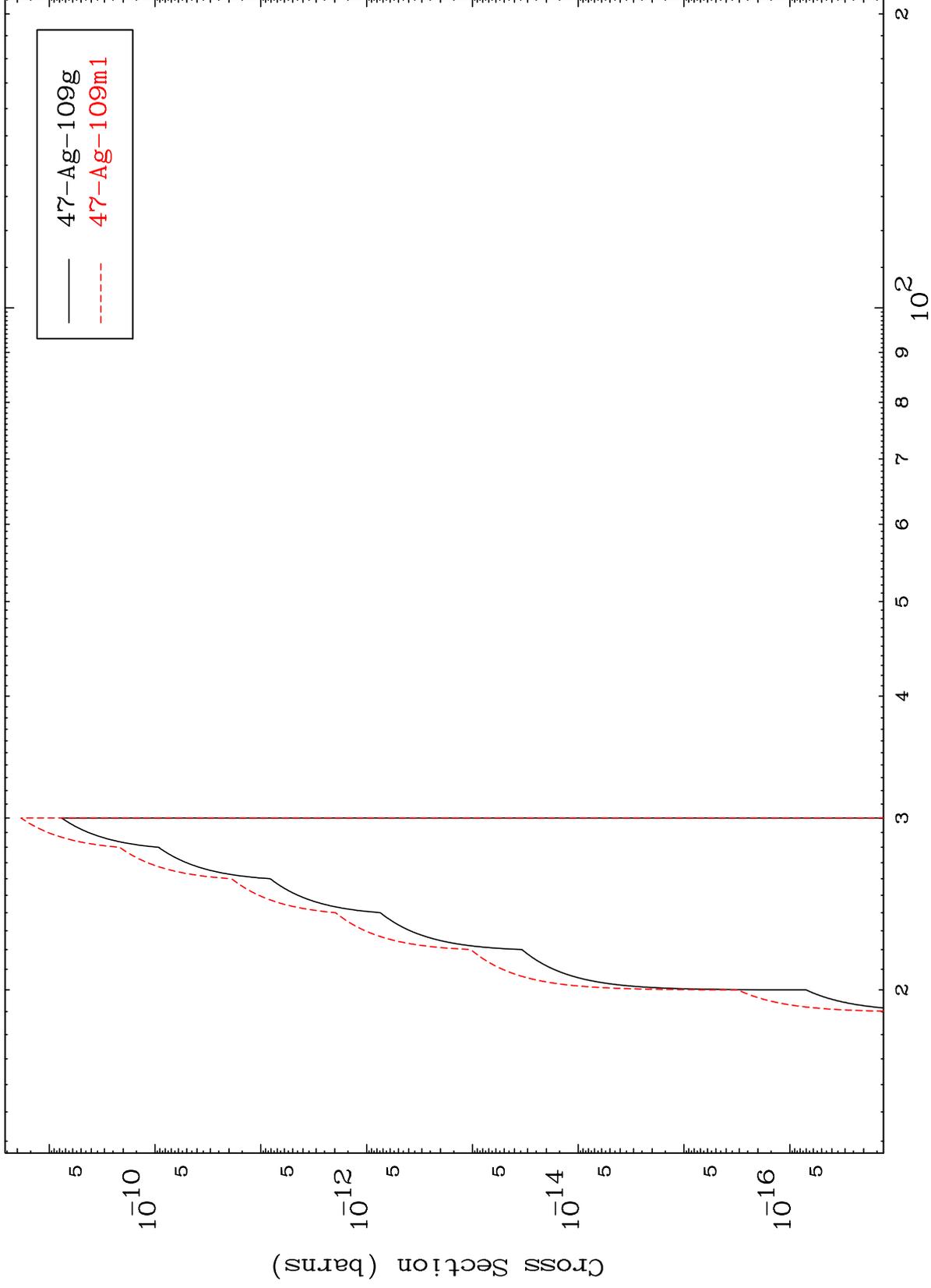
19

MAT 4923

(n,He-3)

49-In-112m

Radionuclide Production Cross Section



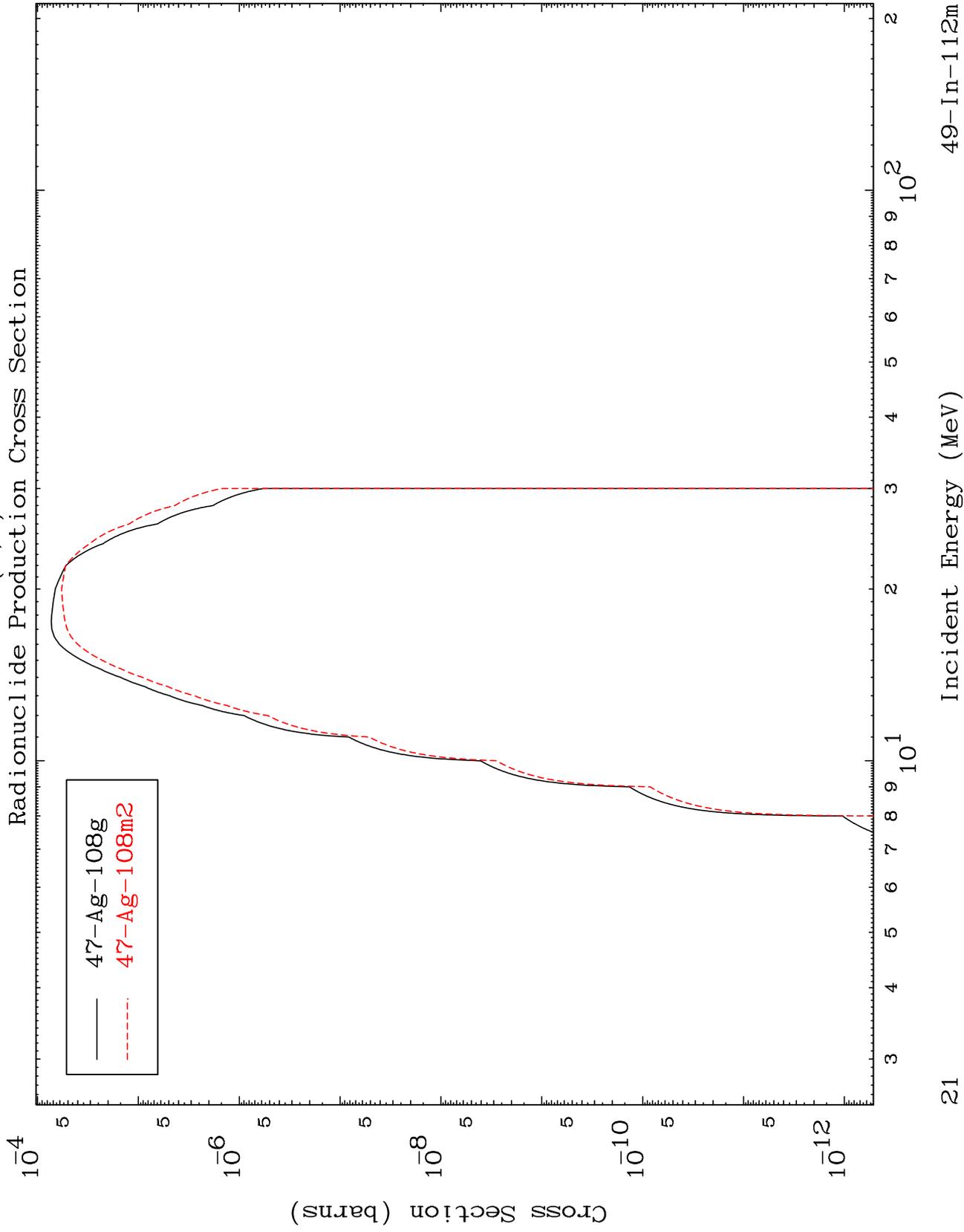
20

Incident Energy (MeV)

49-In-112m

MAT 4923

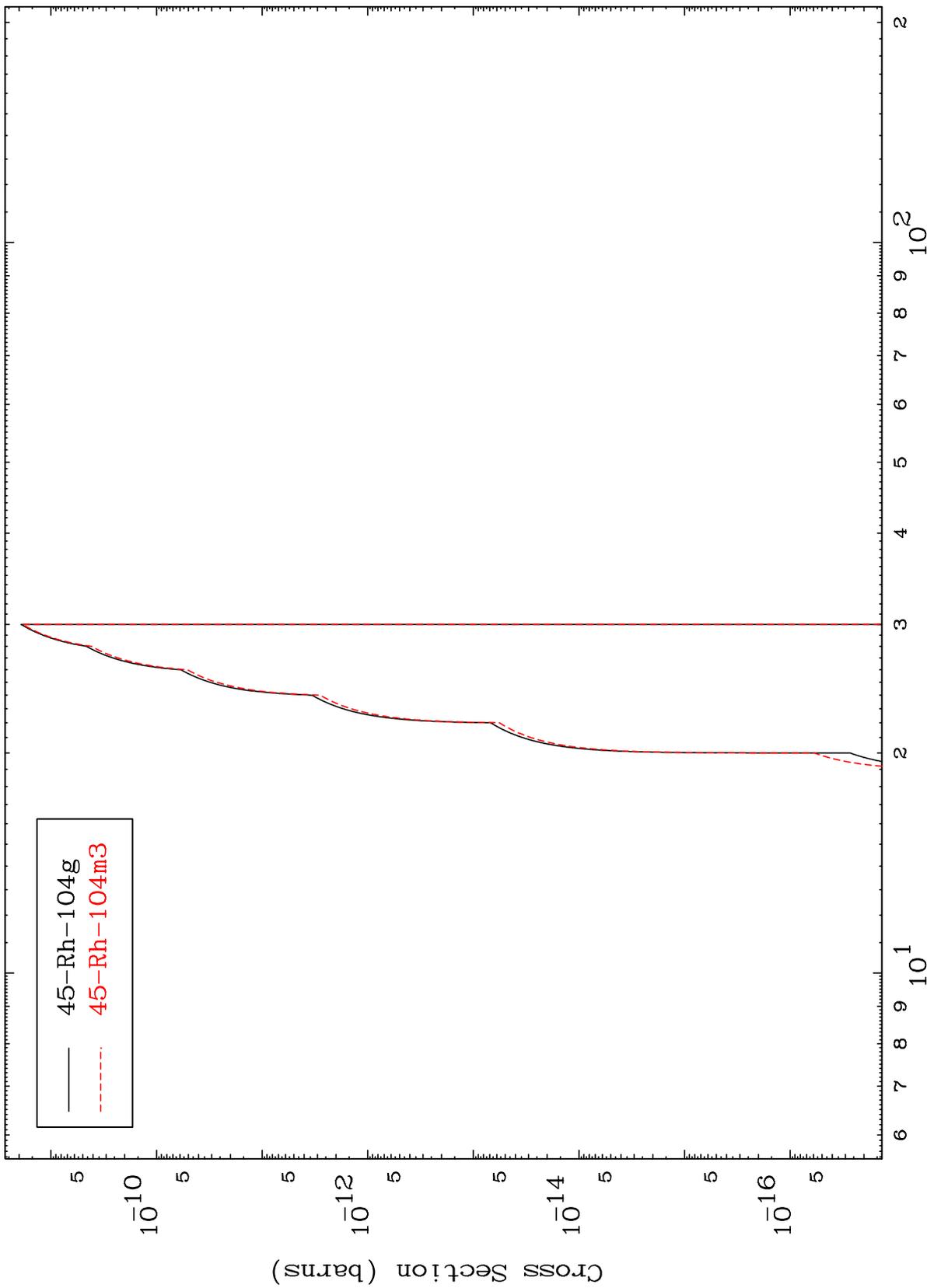
49-In-112m



MAT 4923

49-In-112m

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



45-Rh-104g  
45-Rh-104m3

49-In-112m

Incident Energy (MeV)

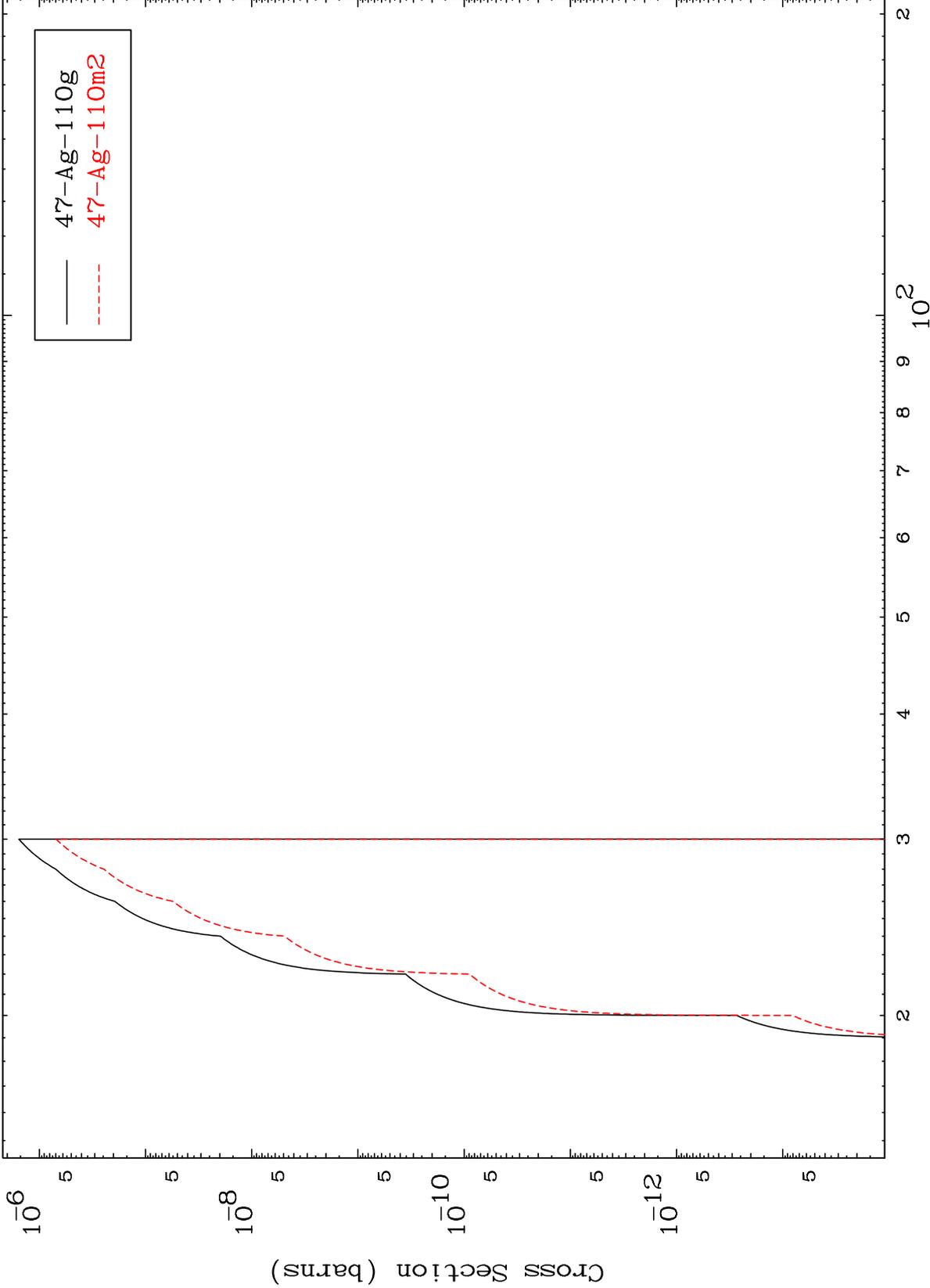
22

MAT 4923

(n,2p)

49-In-112m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

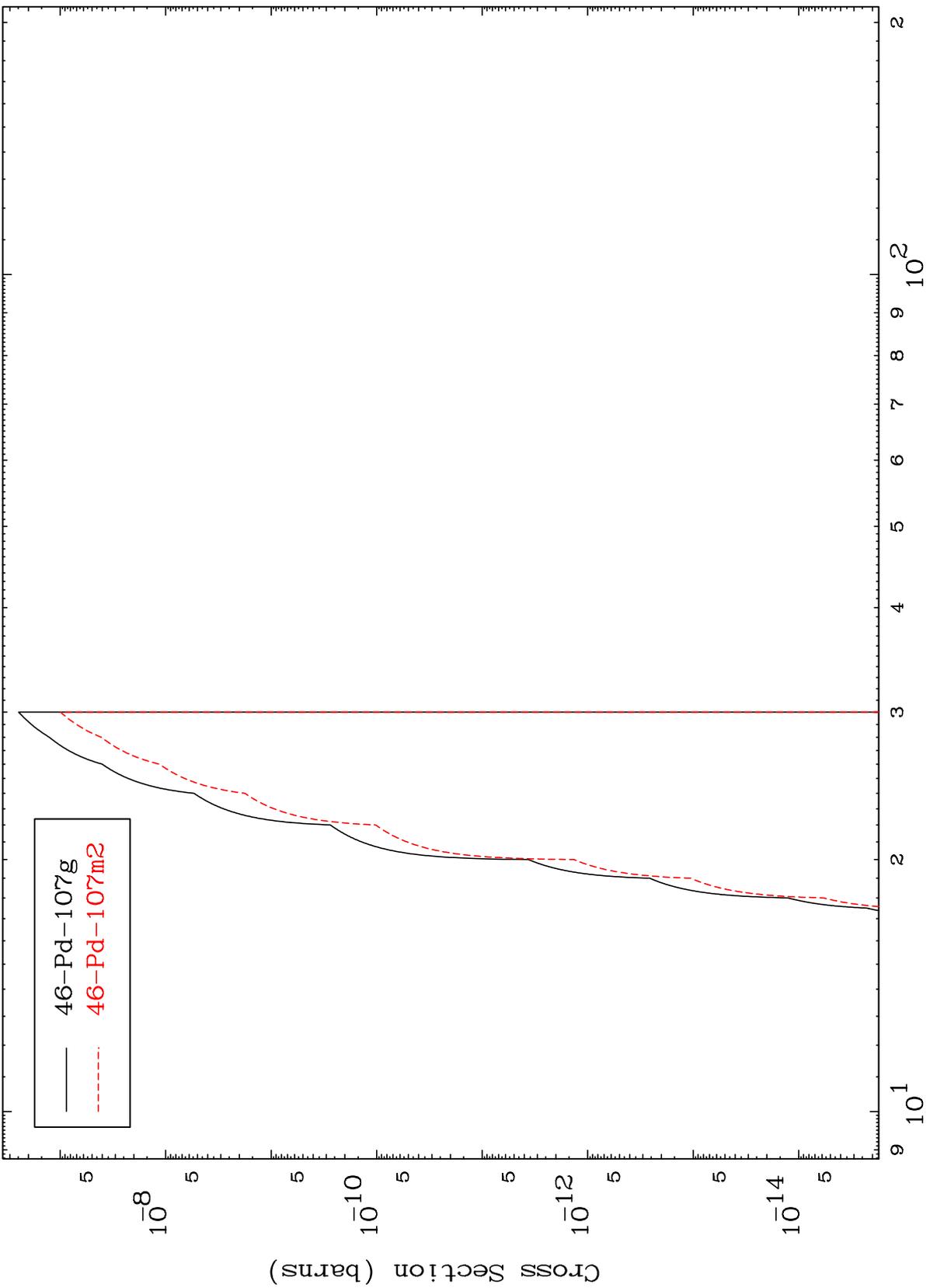
49-In-112m

MAT 4923

(n,p)  $\alpha$

49-In-112m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

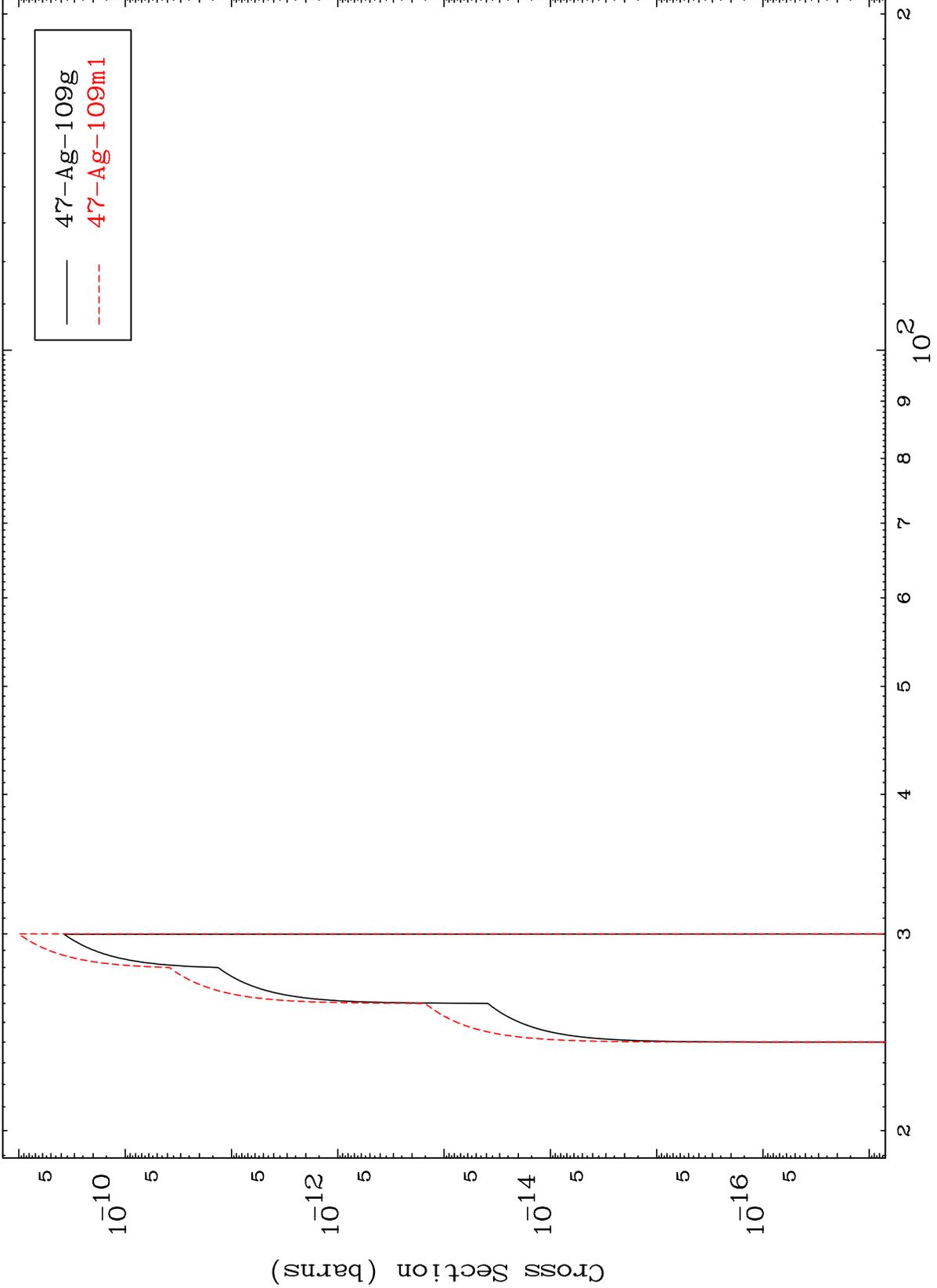
49-In-112m

MAT 4923

(n,p) d

49-In-112m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

49-In-112m