

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

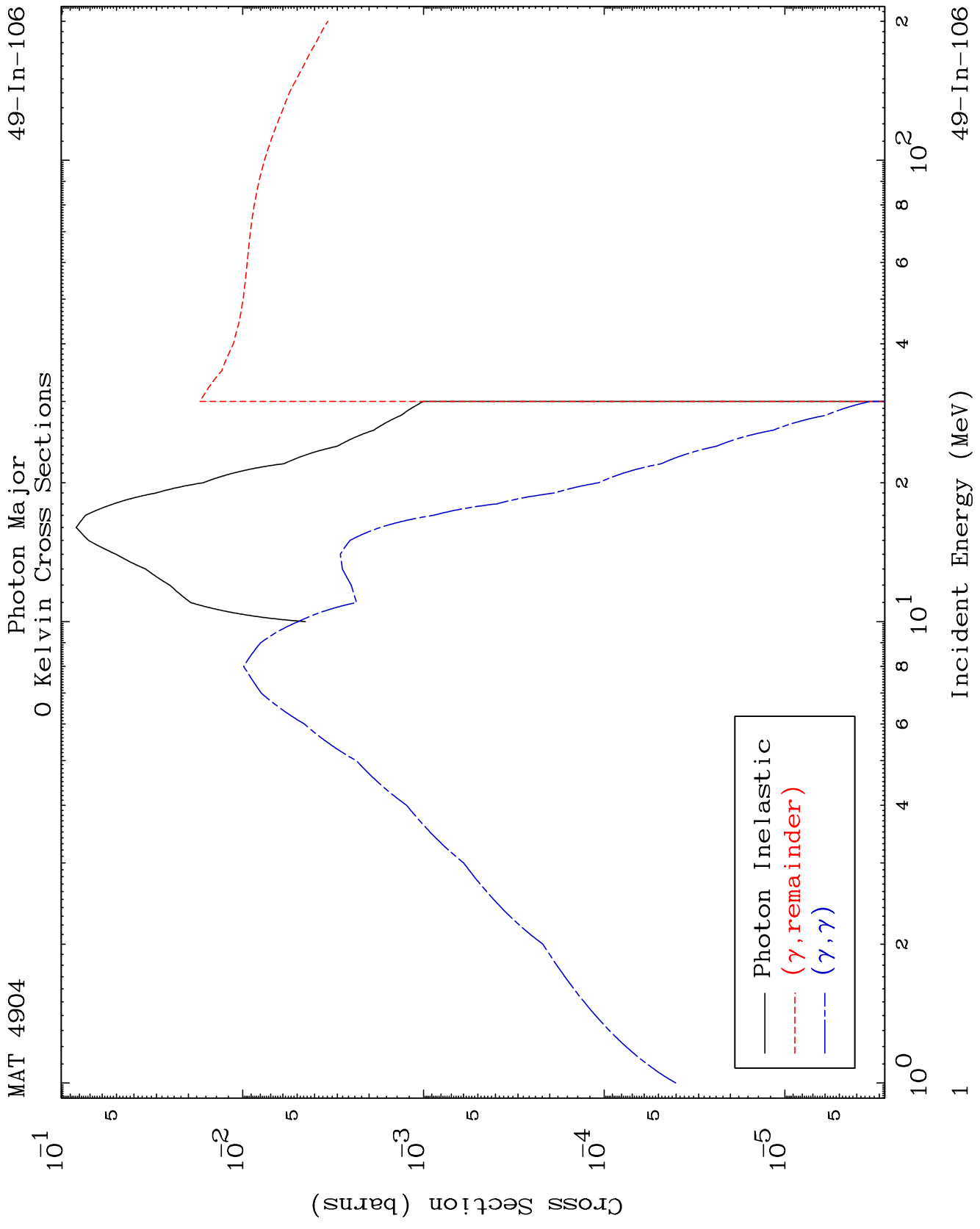
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Web:redcullen1.net/HOMEPAGE.NEW

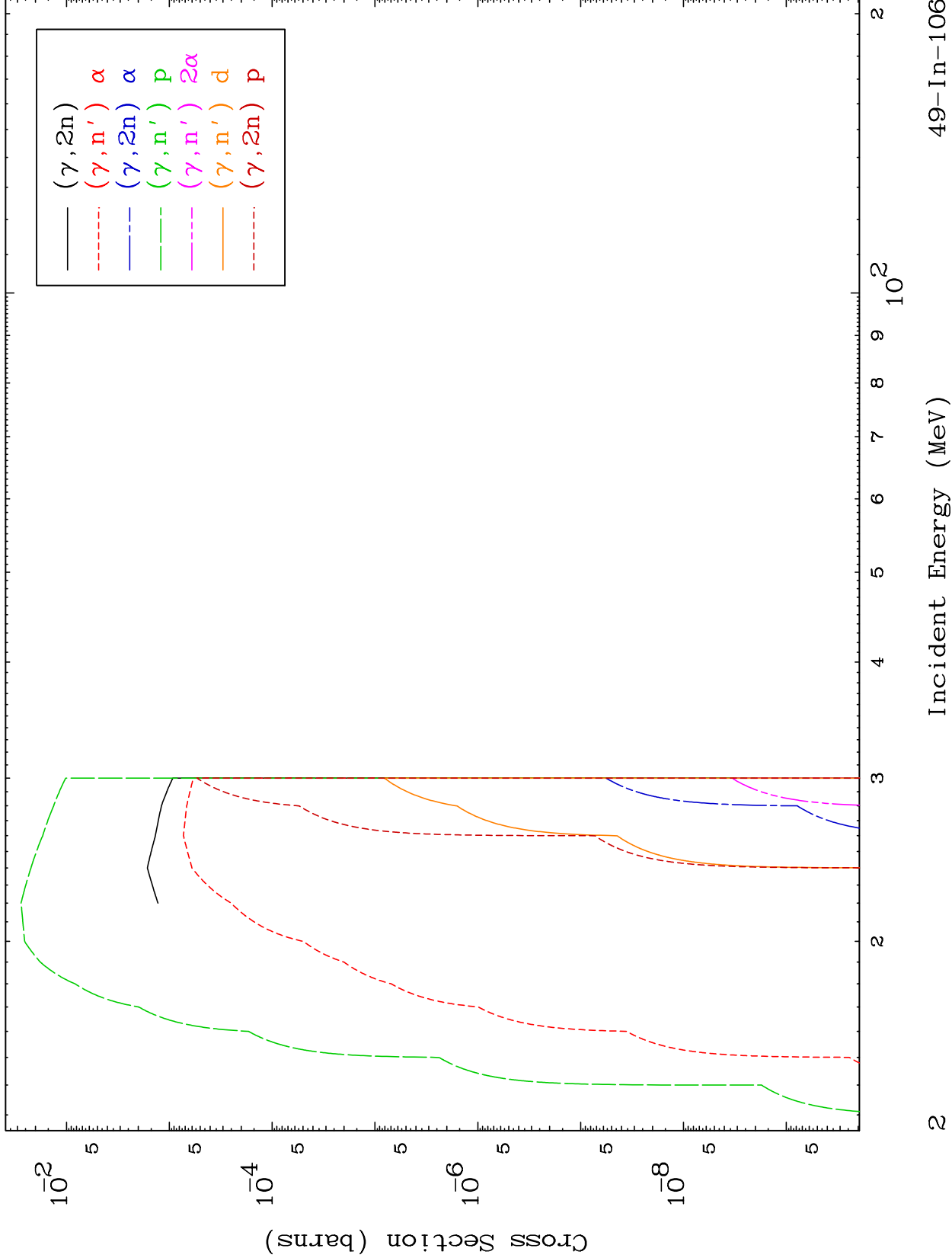
Press Mouse Button to Start



MAT 4904

Photon Neutron Production  
0 Kelvin Cross Sections

49-In-106



49-In-106

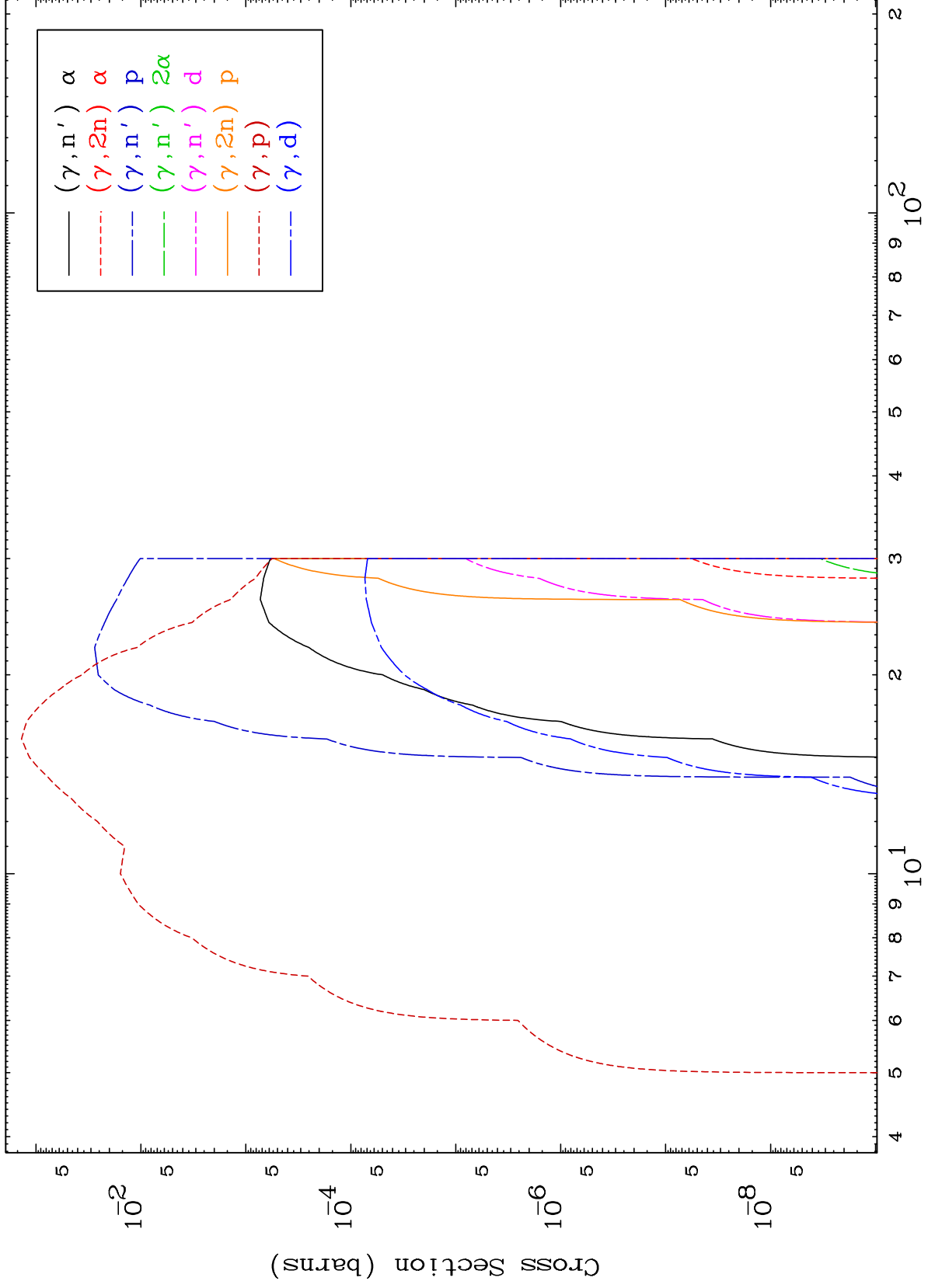
Incident Energy (MeV)

2

MAT 4904

Photon Charged Particle  
0 Kelvin Cross Sections

49-In-106



49-In-106

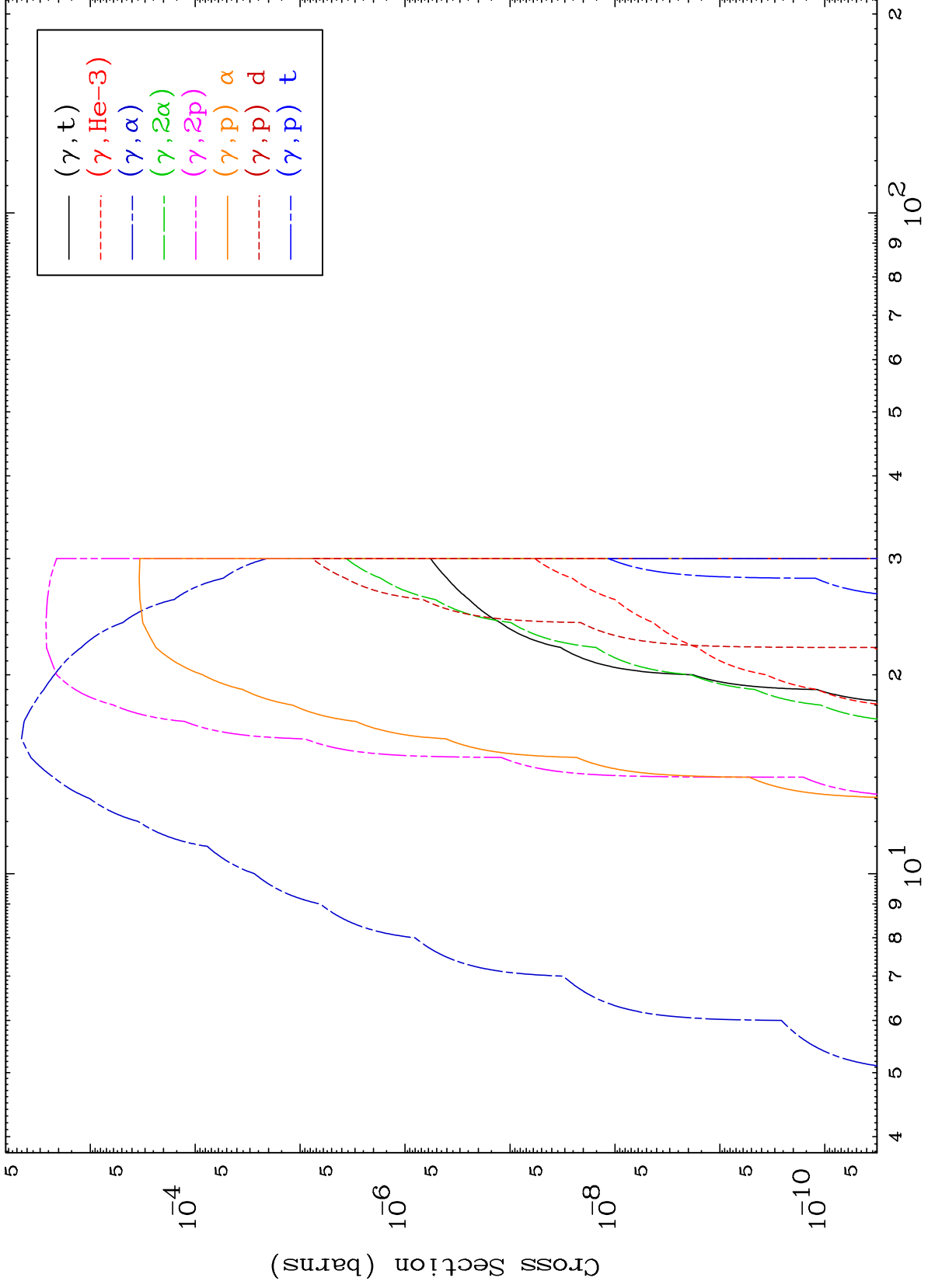
Incident Energy (MeV)

3

MAT 4904

Photon Charged Particle  
0 Kelvin Cross Sections

49-In-106



4

Incident Energy (MeV)

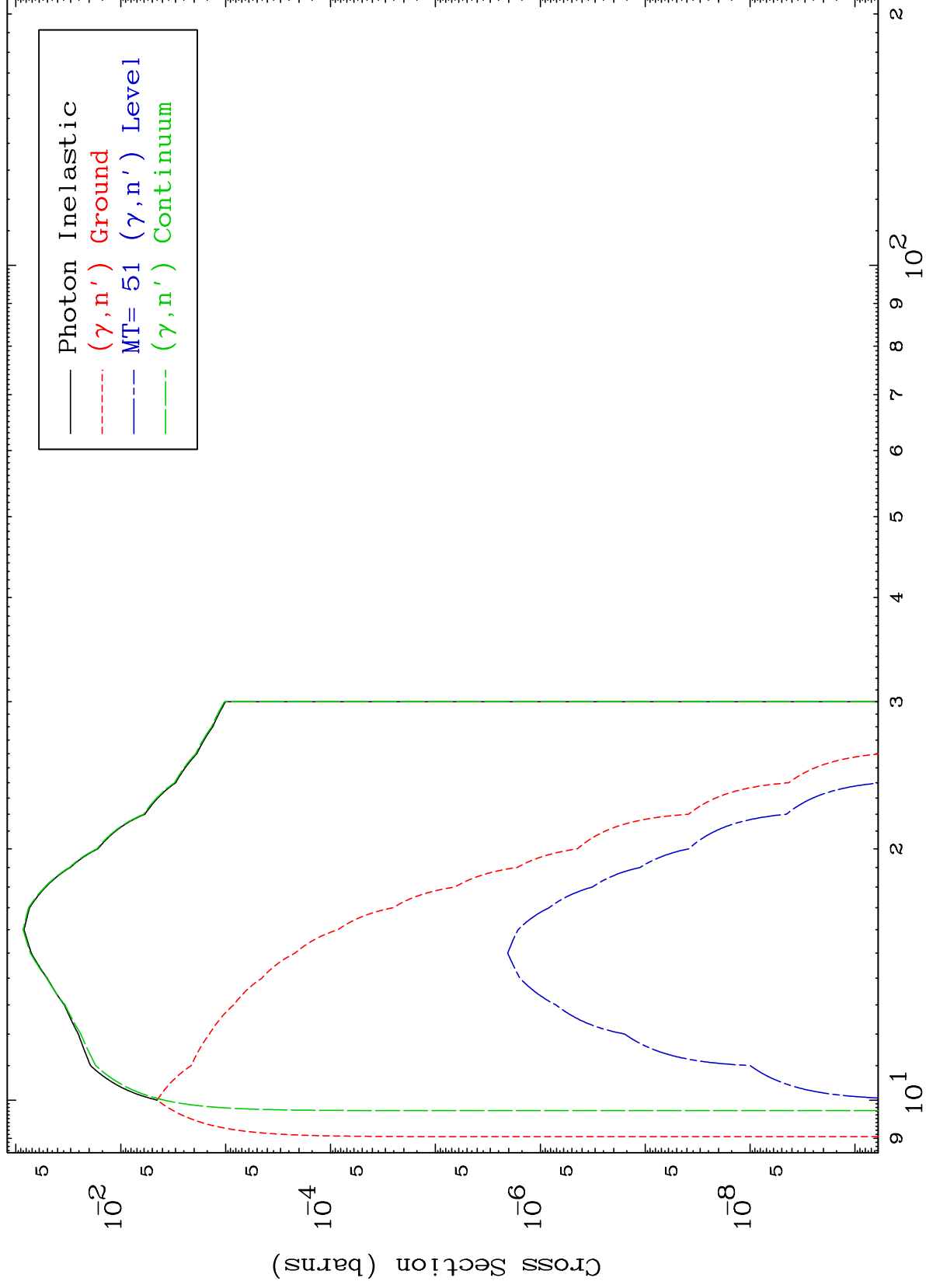
49-In-106

MAT 4904

( $\gamma, n'$ ) Level

49-In-106

0 Kelvin Cross Sections



Incident Energy (MeV)

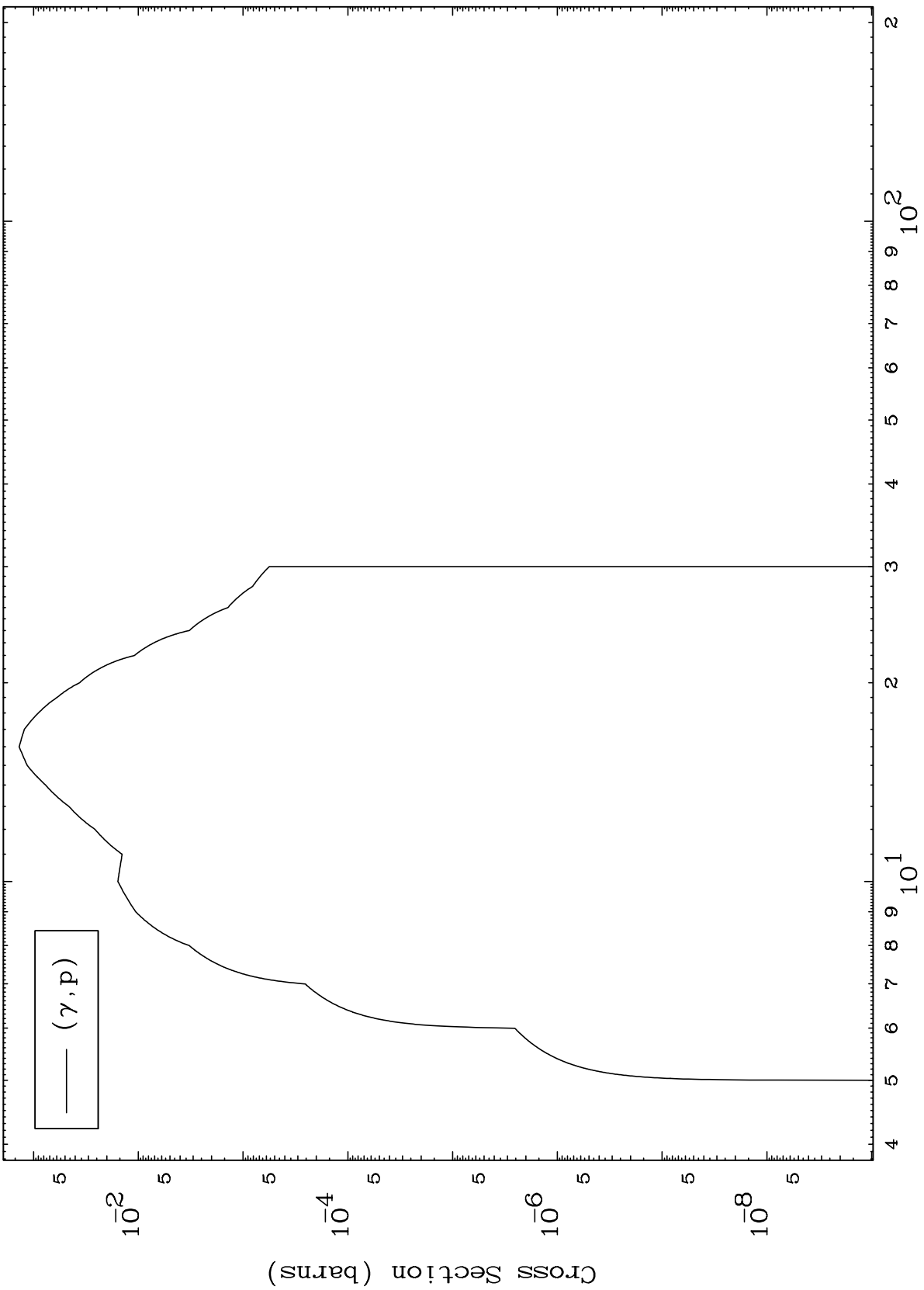
49-In-106

MAT 4904

( $\gamma, p$ ) Levels

49-In-106

0 Kelvin Cross Sections



Incident Energy (MeV)

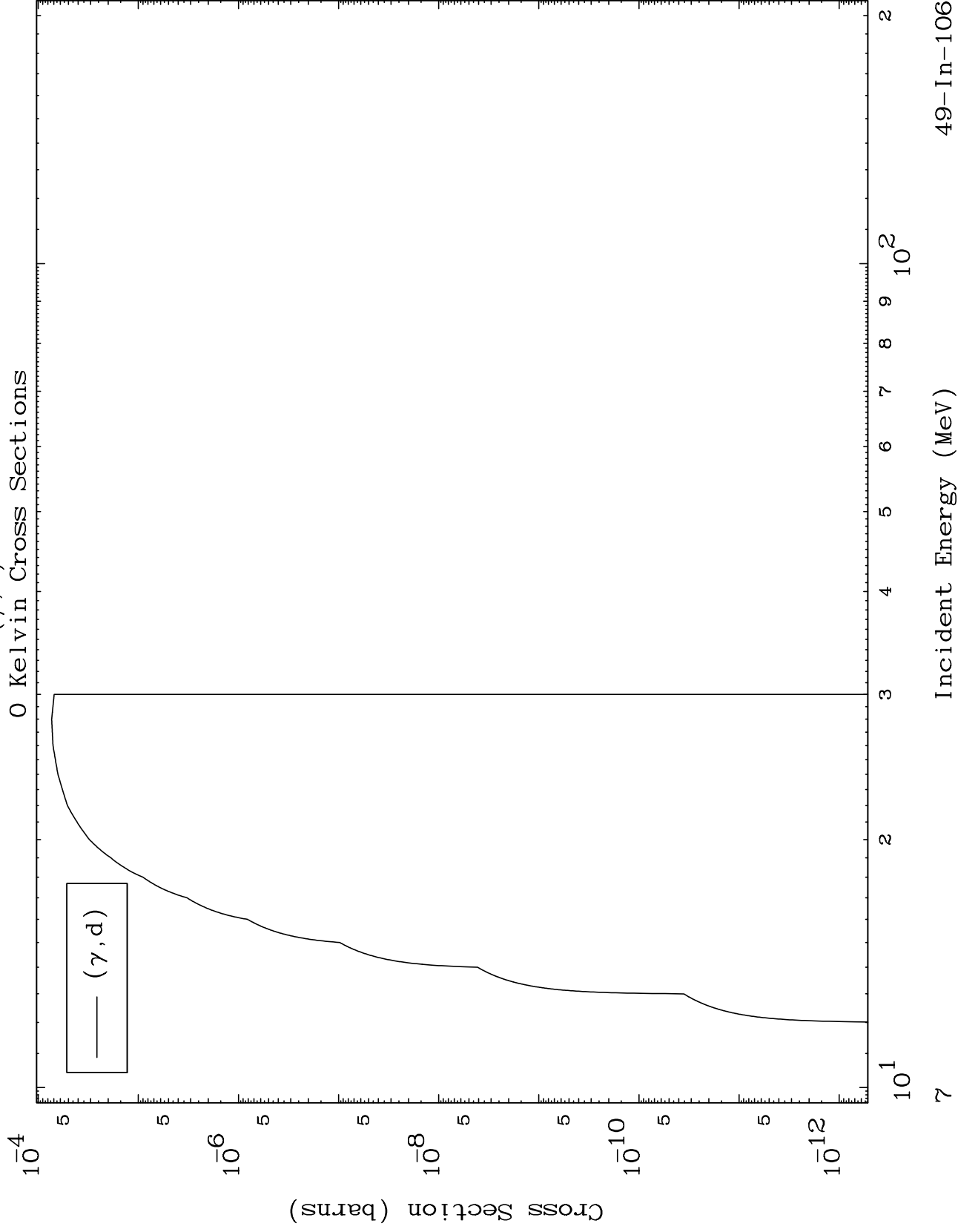
49-In-106

6

MAT 4904

49-In-106

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



49-In-106

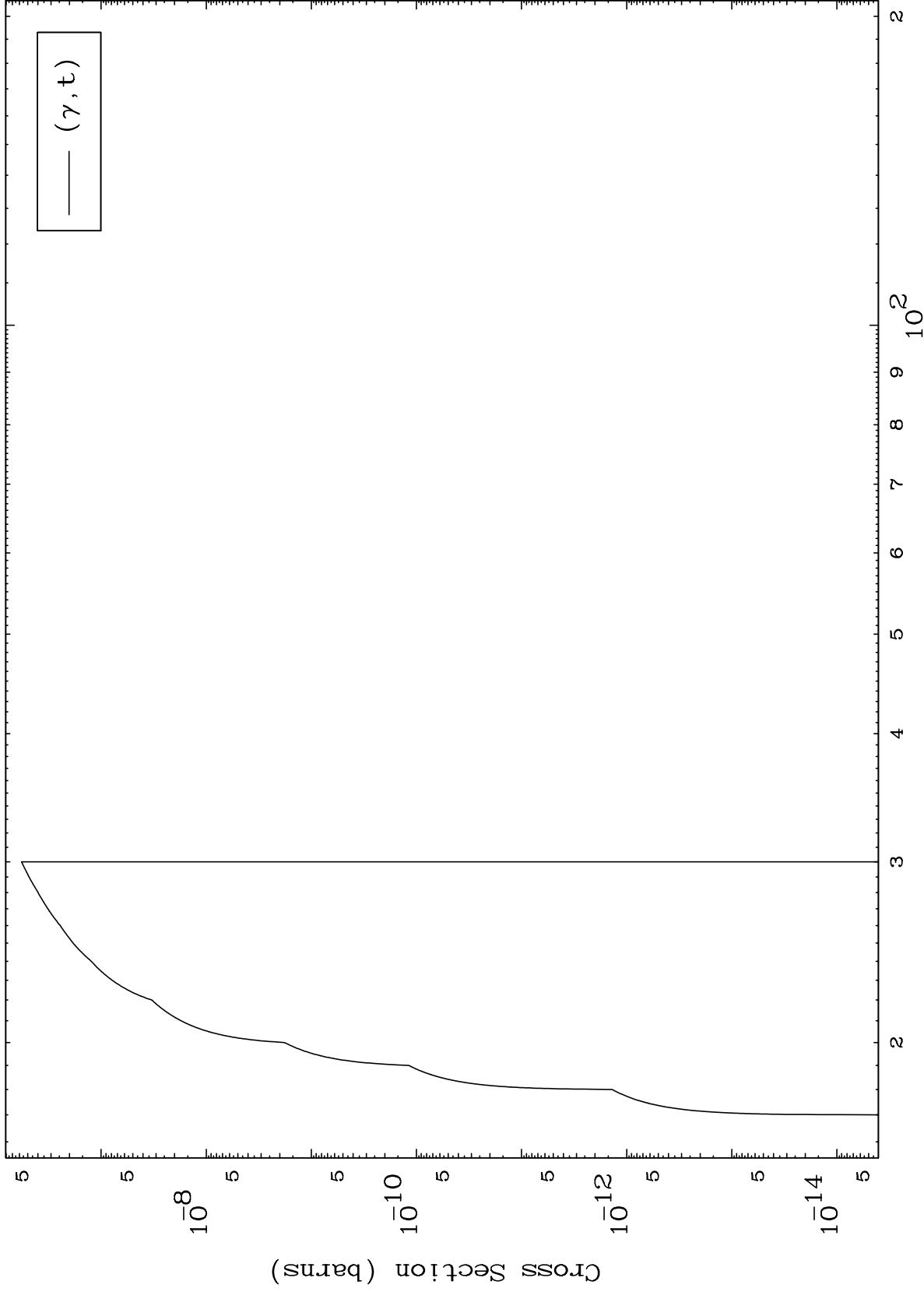
Incident Energy (MeV)



MAT 4904

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

49-In-106

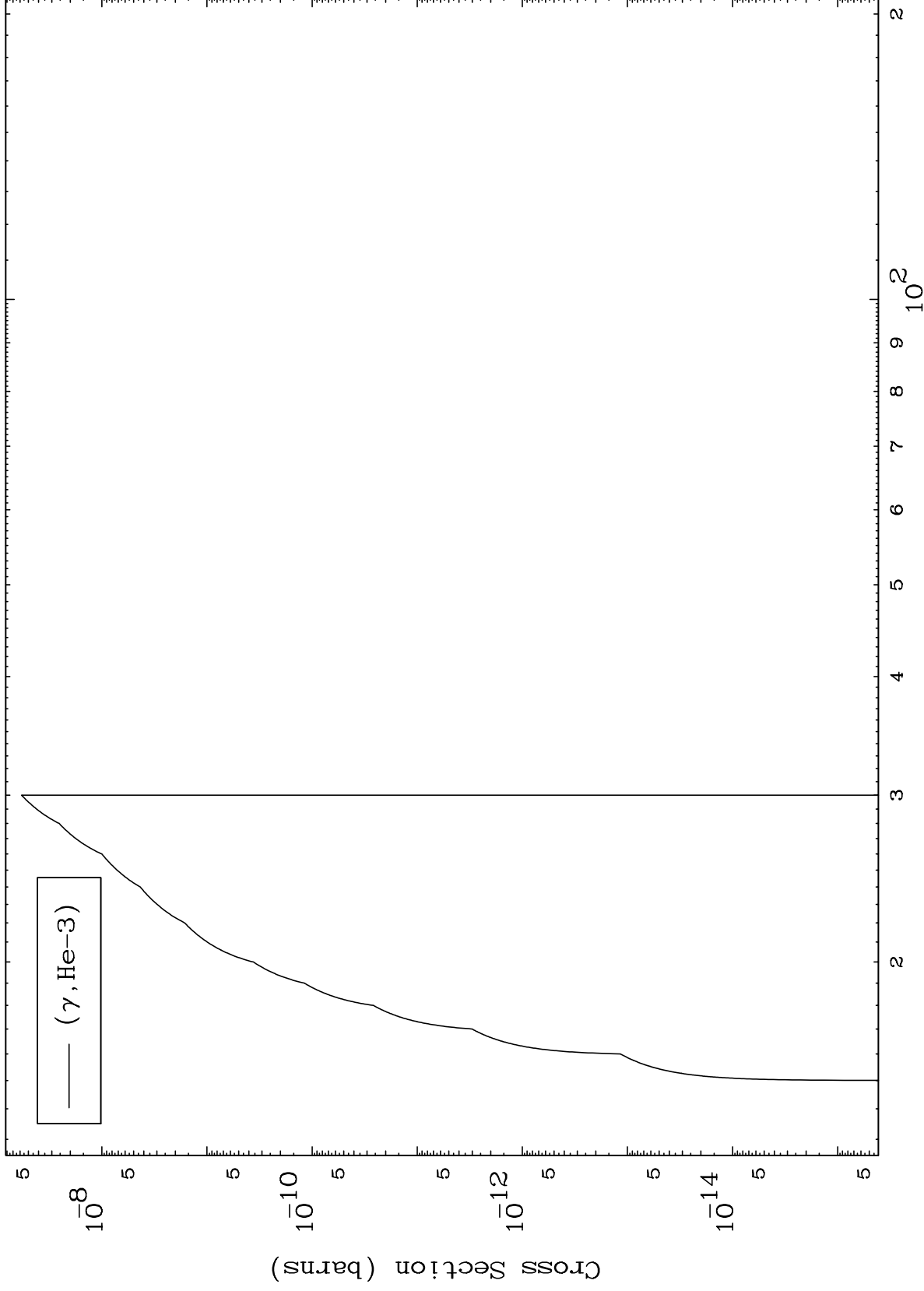


8

Incident Energy (MeV)

49-In-106

0 Kelvin Cross Sections

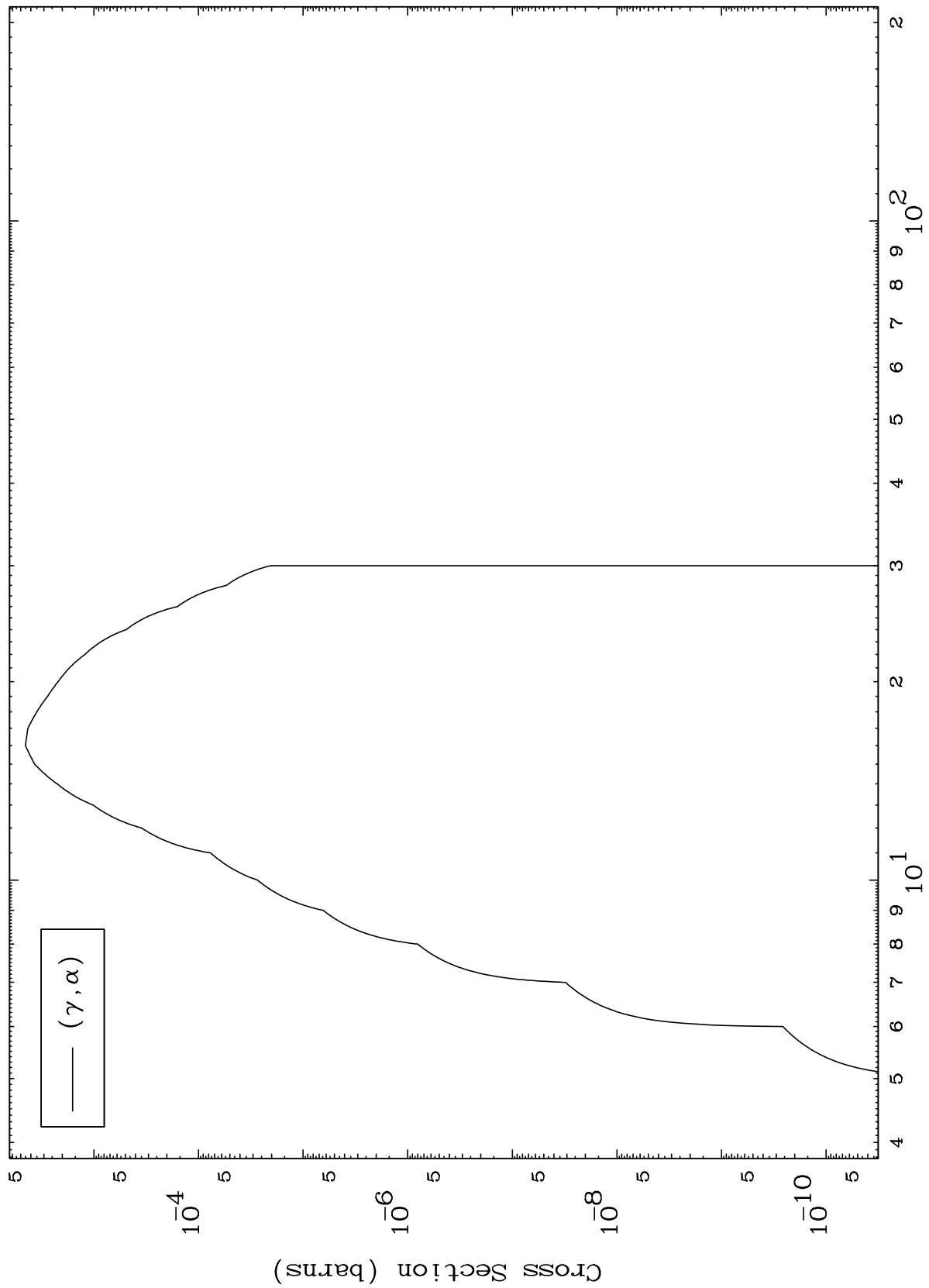


MAT 4904

( $\gamma, \alpha$ ) Levels

49-In-106

0 Kelvin Cross Sections



10

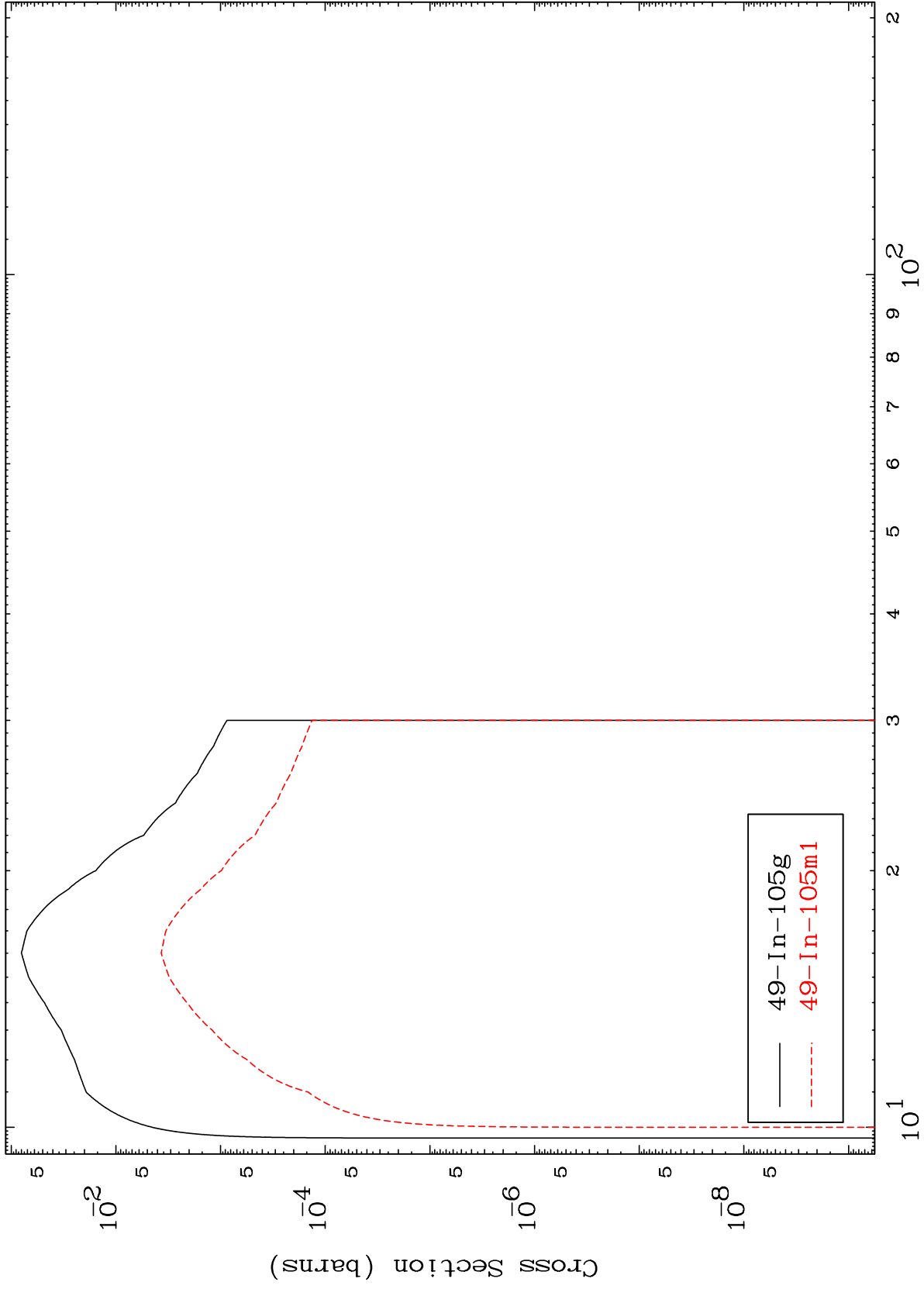
Incident Energy (MeV)

49-In-106

MAT 4904

Photon Inelastic  
Radionuclide Production Cross Section

49-In-106



49-In-106

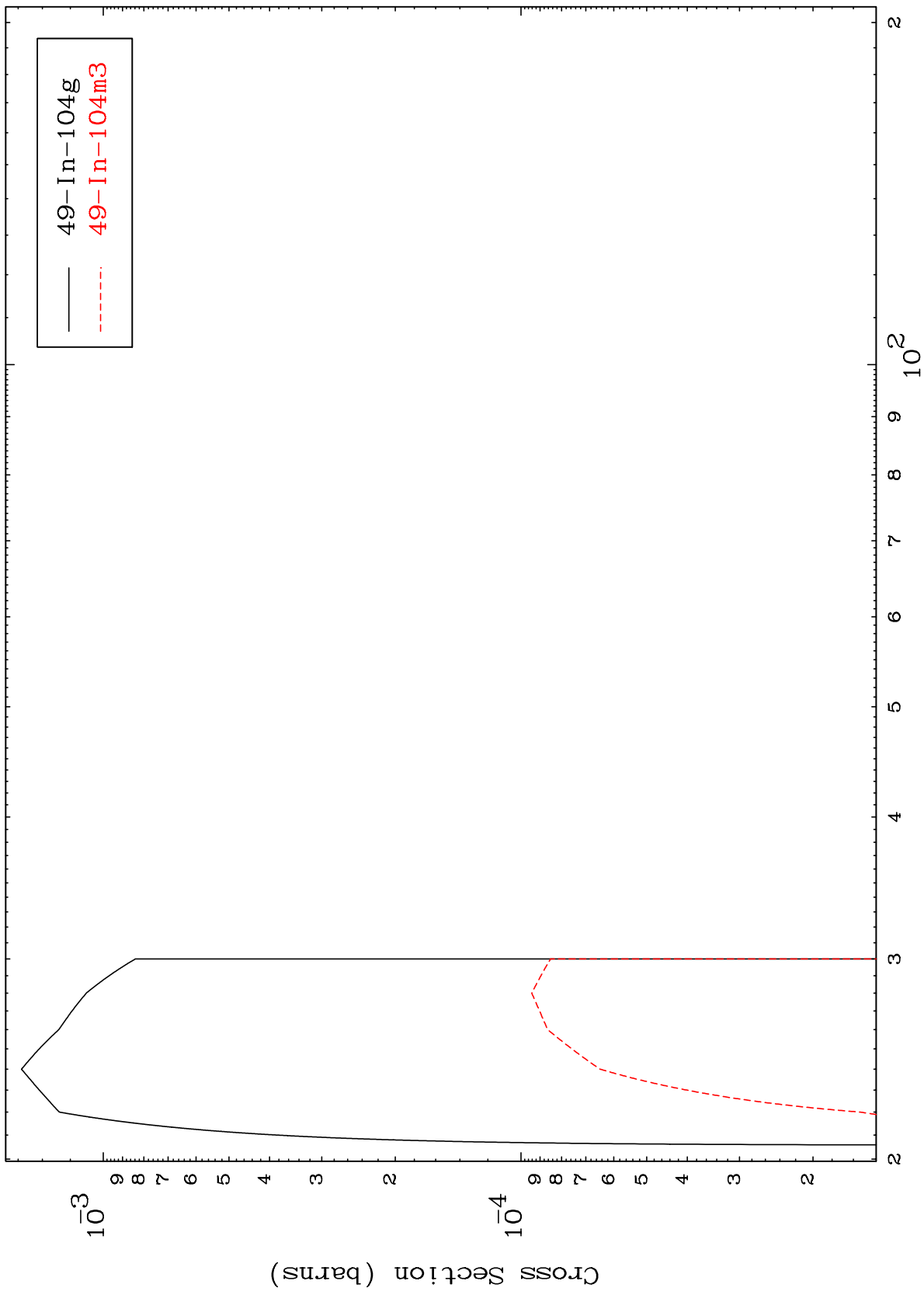
Incident Energy (MeV)

11

MAT 4904

49-In-106

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



12

49-In-106

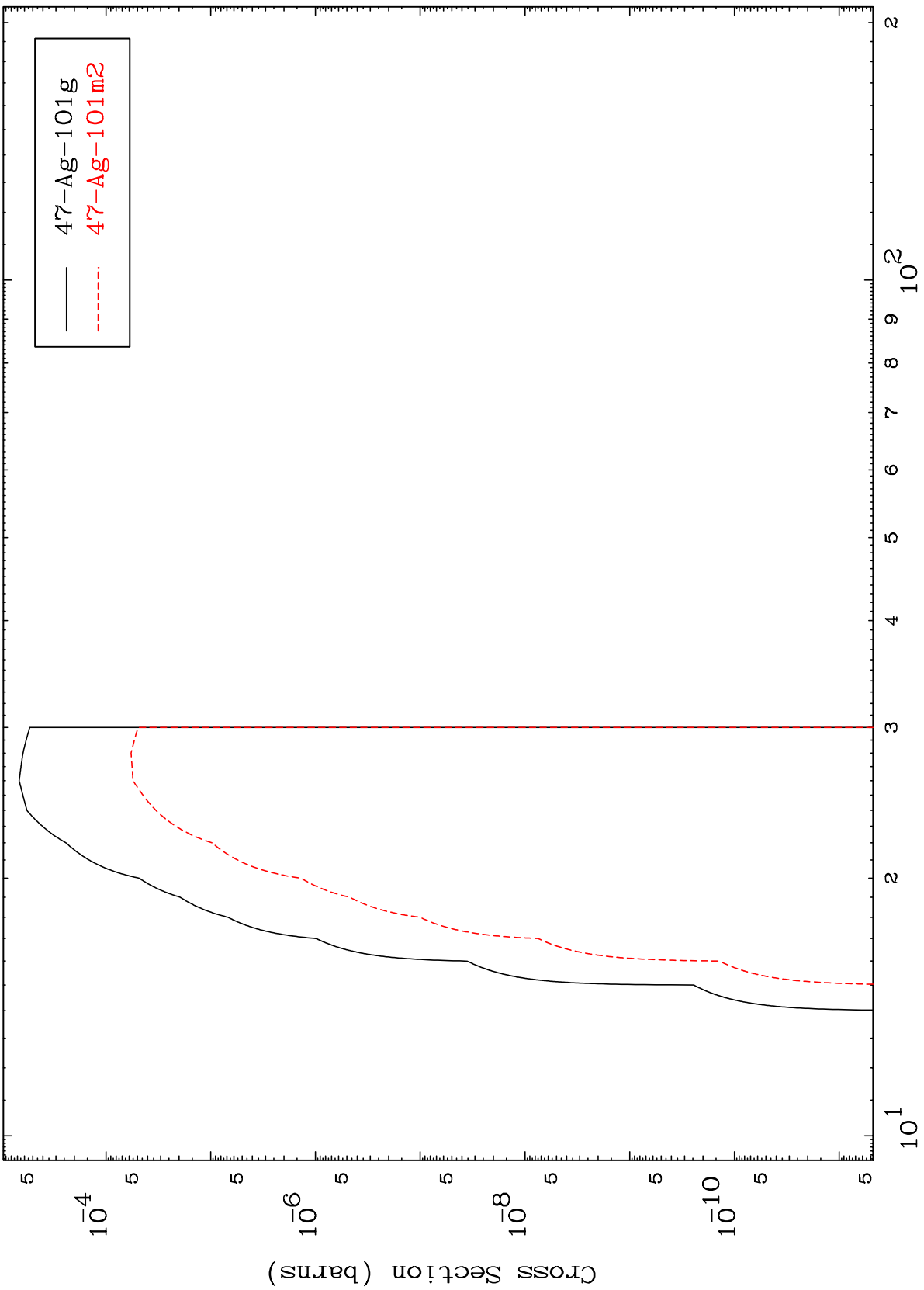
Incident Energy (MeV)

MAT 4904

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

49-In-106

Radionuclide Production Cross Section



13

Incident Energy (MeV)

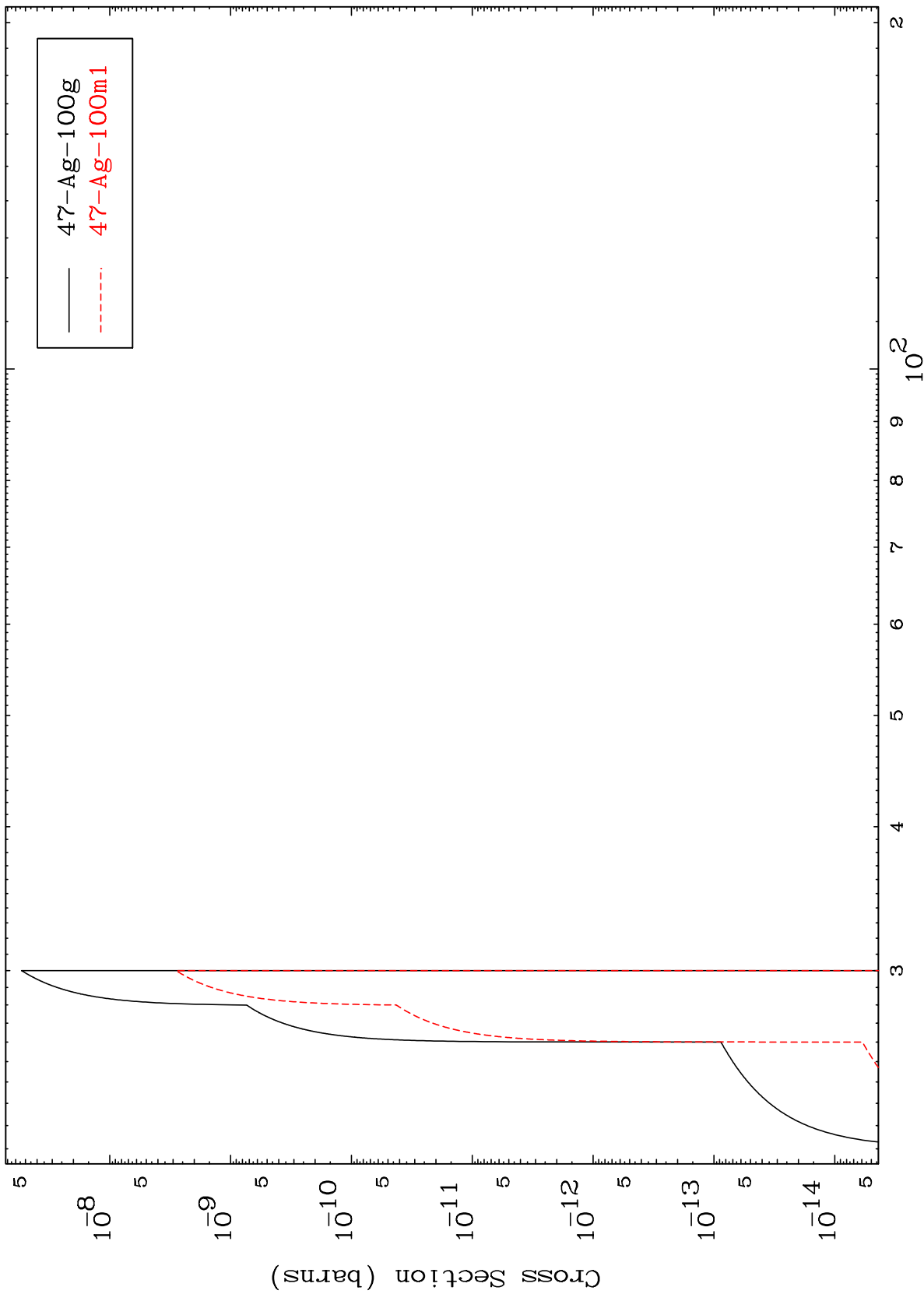
49-In-106

MAT 4904

$(\gamma, 2n) \alpha$

49-In-106

Radionuclide Production Cross Section



14

Incident Energy (MeV)

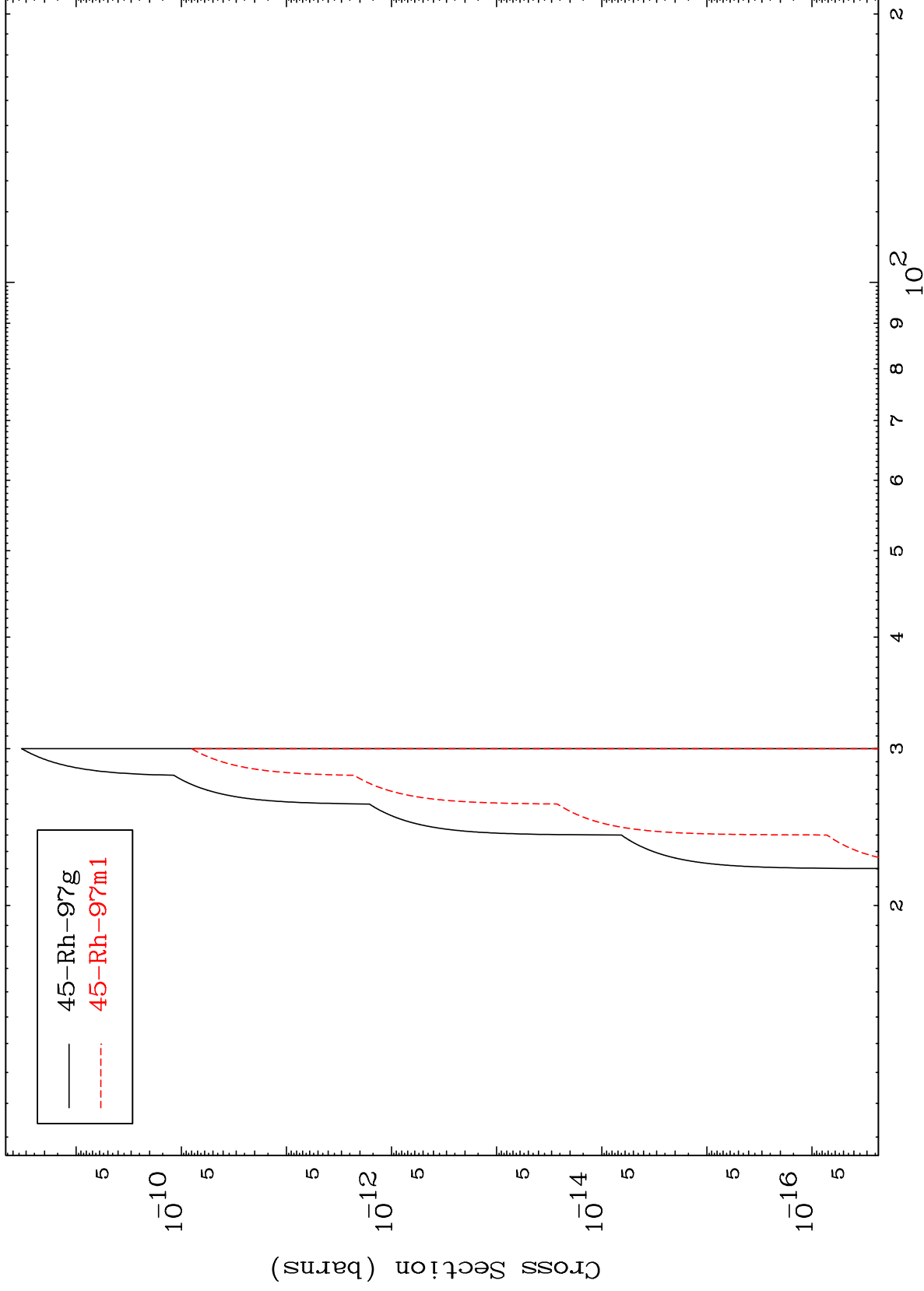
49-In-106

MAT 4904

( $\gamma, n'$ )  $2\alpha$

49-In-106

Radionuclide Production Cross Section



45-Rh-97g  
45-Rh-97m1

15

Incident Energy (MeV)

49-In-106

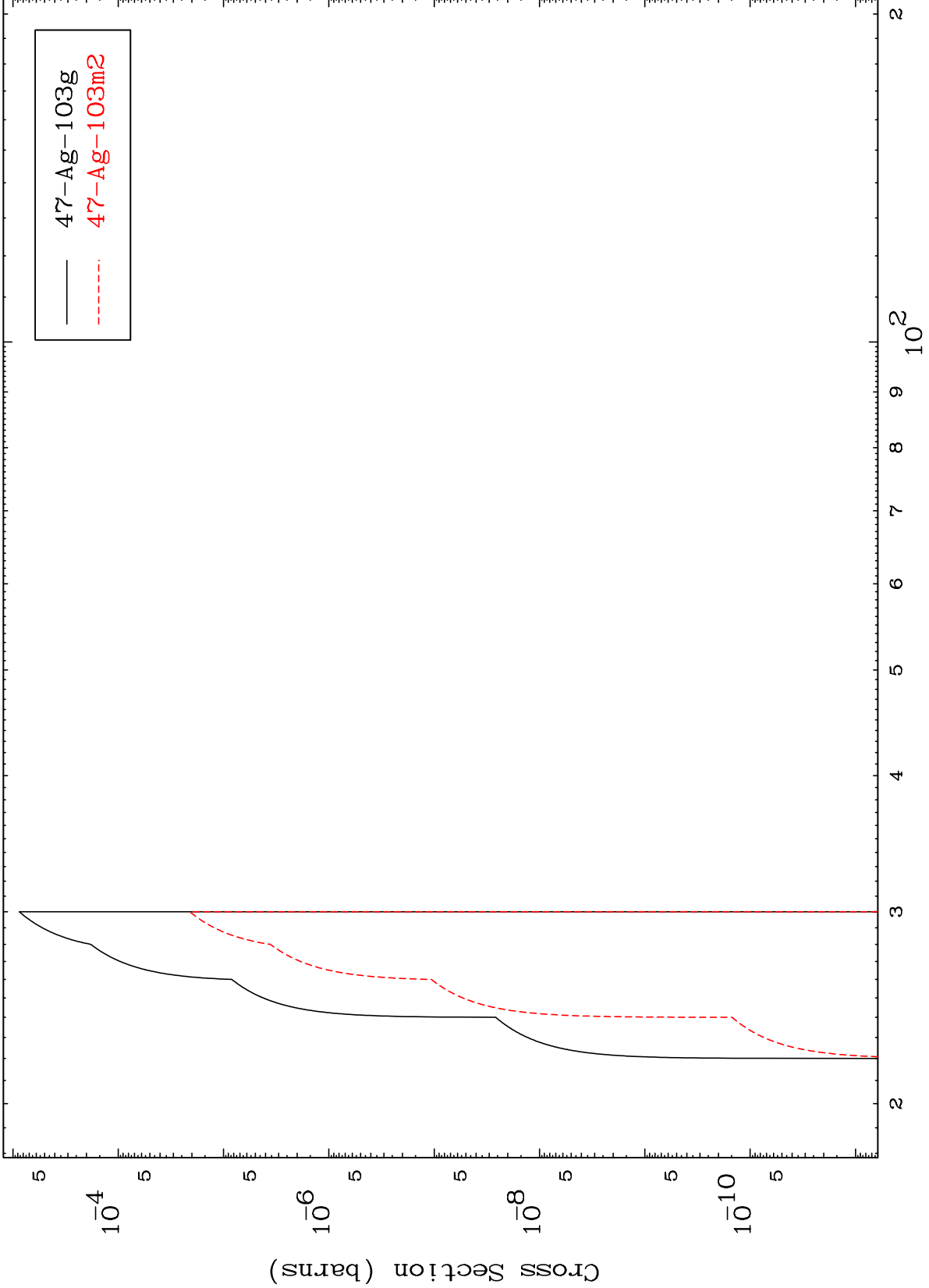


MAT 4904

( $\gamma, 2n$ ) p

49-In-106

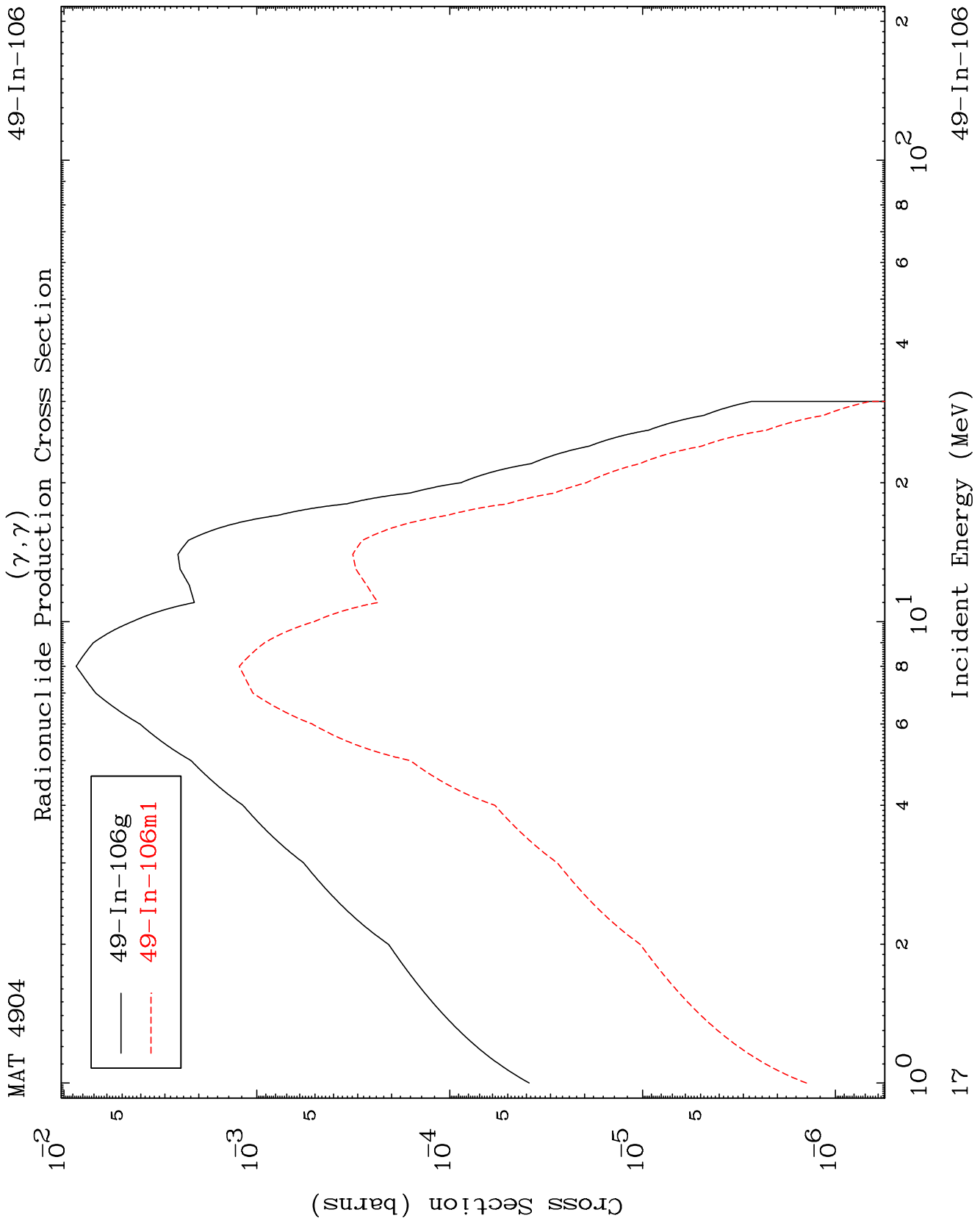
Radionuclide Production Cross Section



16

Incident Energy (MeV)

49-In-106

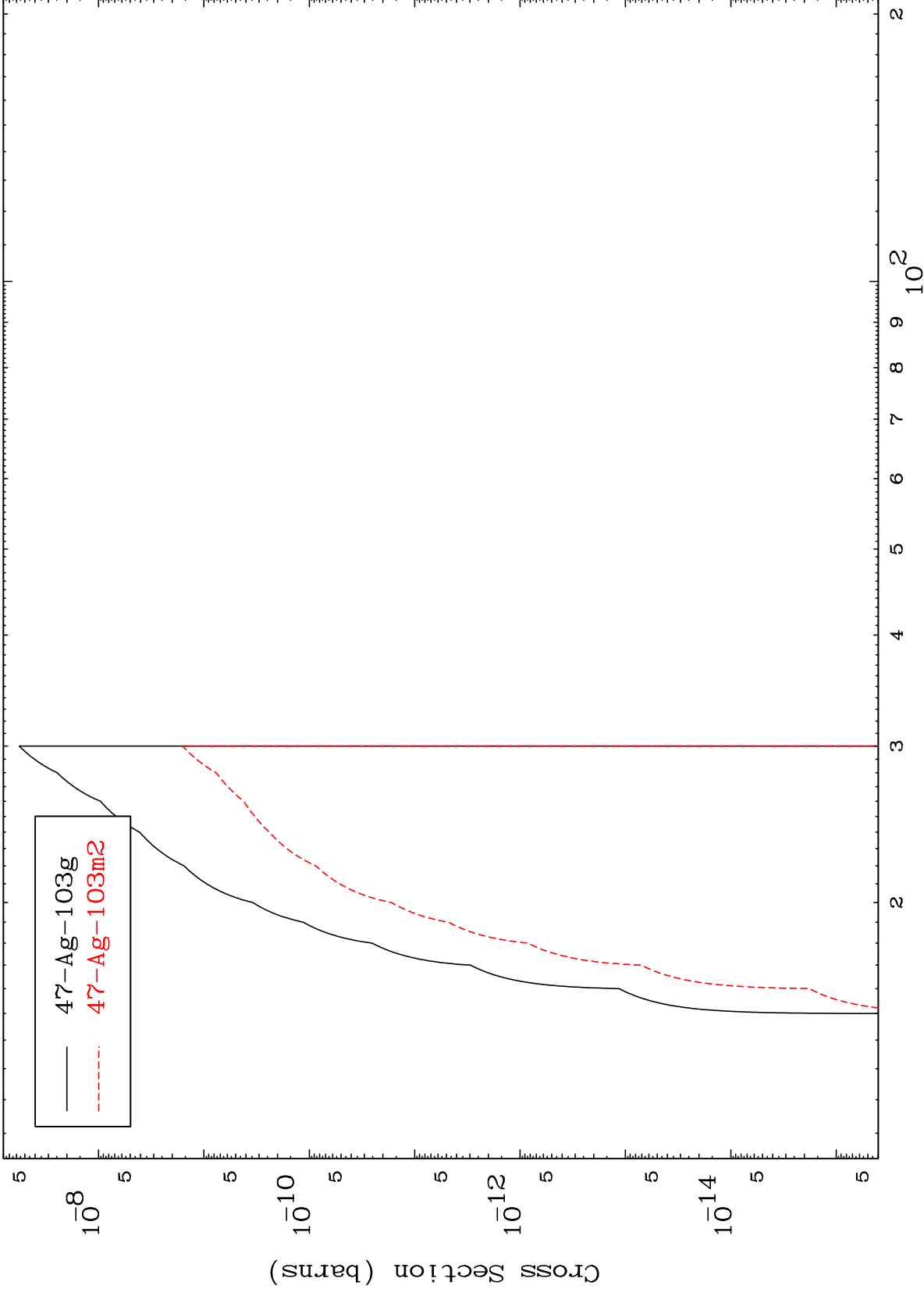


MAT 4904

( $\gamma, \text{He-3}$ )

49-In-106

Radionuclide Production Cross Section



18

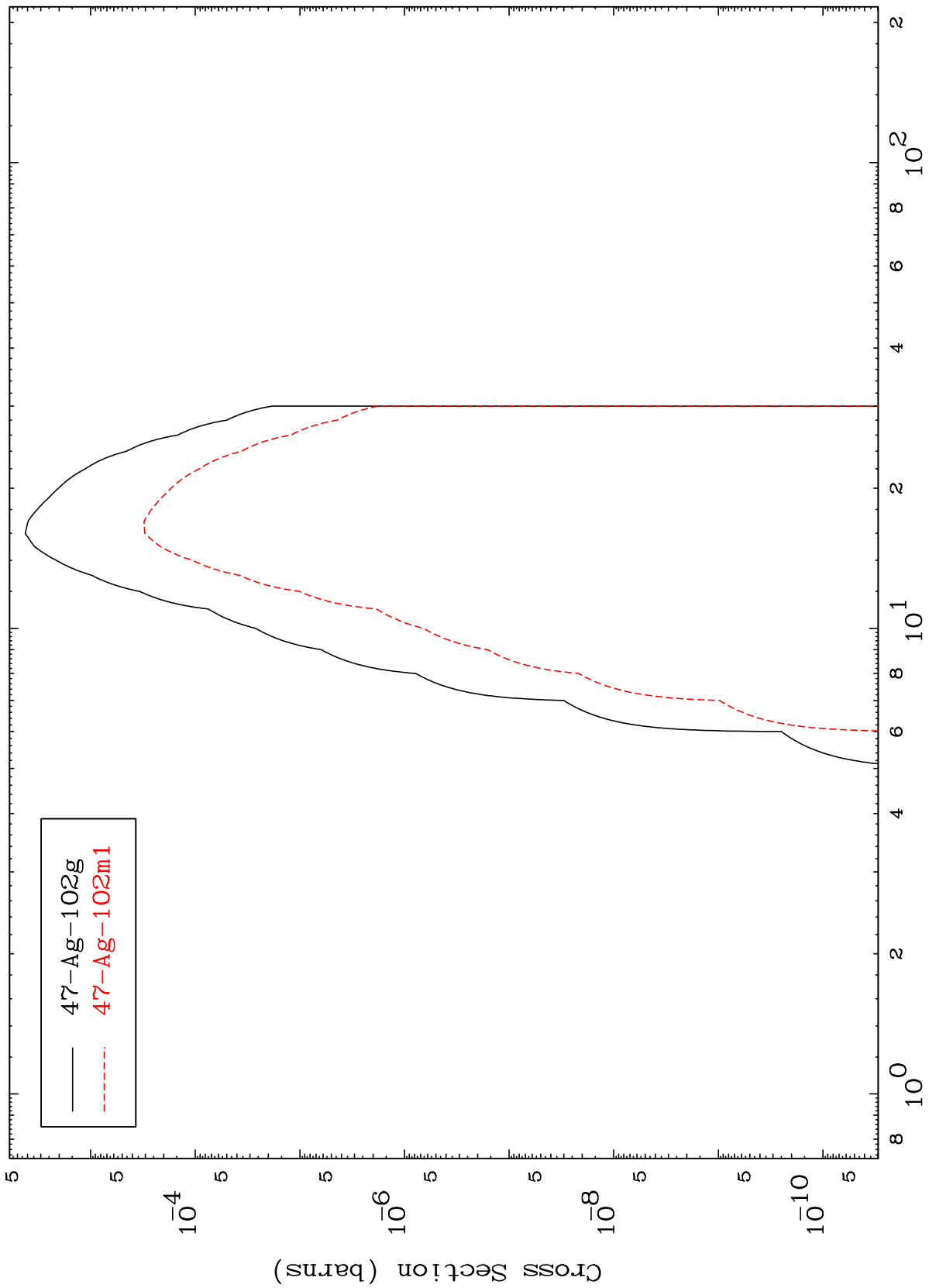
Incident Energy (MeV)

49-In-106

MAT 4904

49-In-106

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



— 47-Ag-102g  
- - - 47-Ag-102m1

19

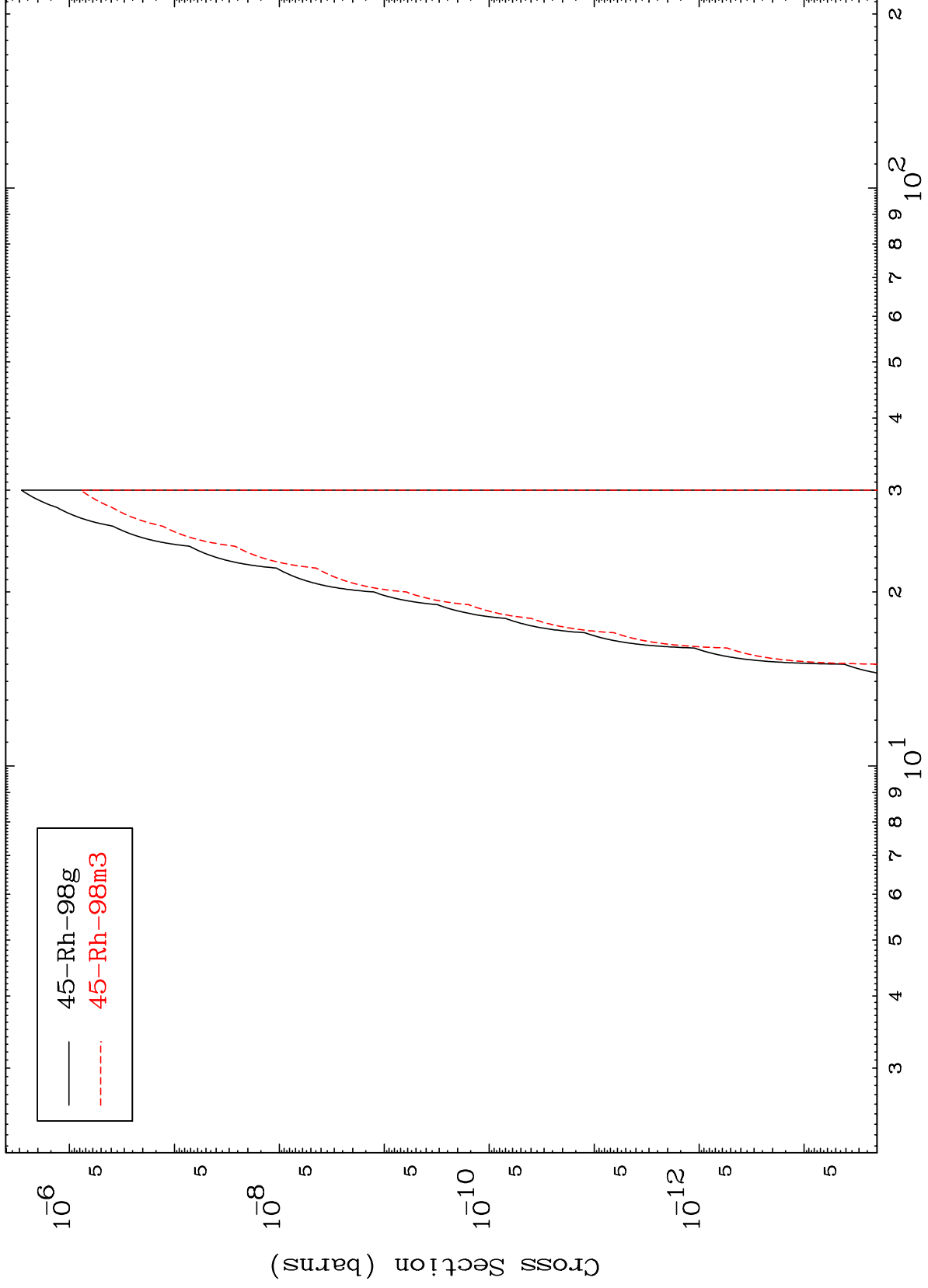
Incident Energy (MeV)

49-In-106

MAT 4904

49-In-106

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

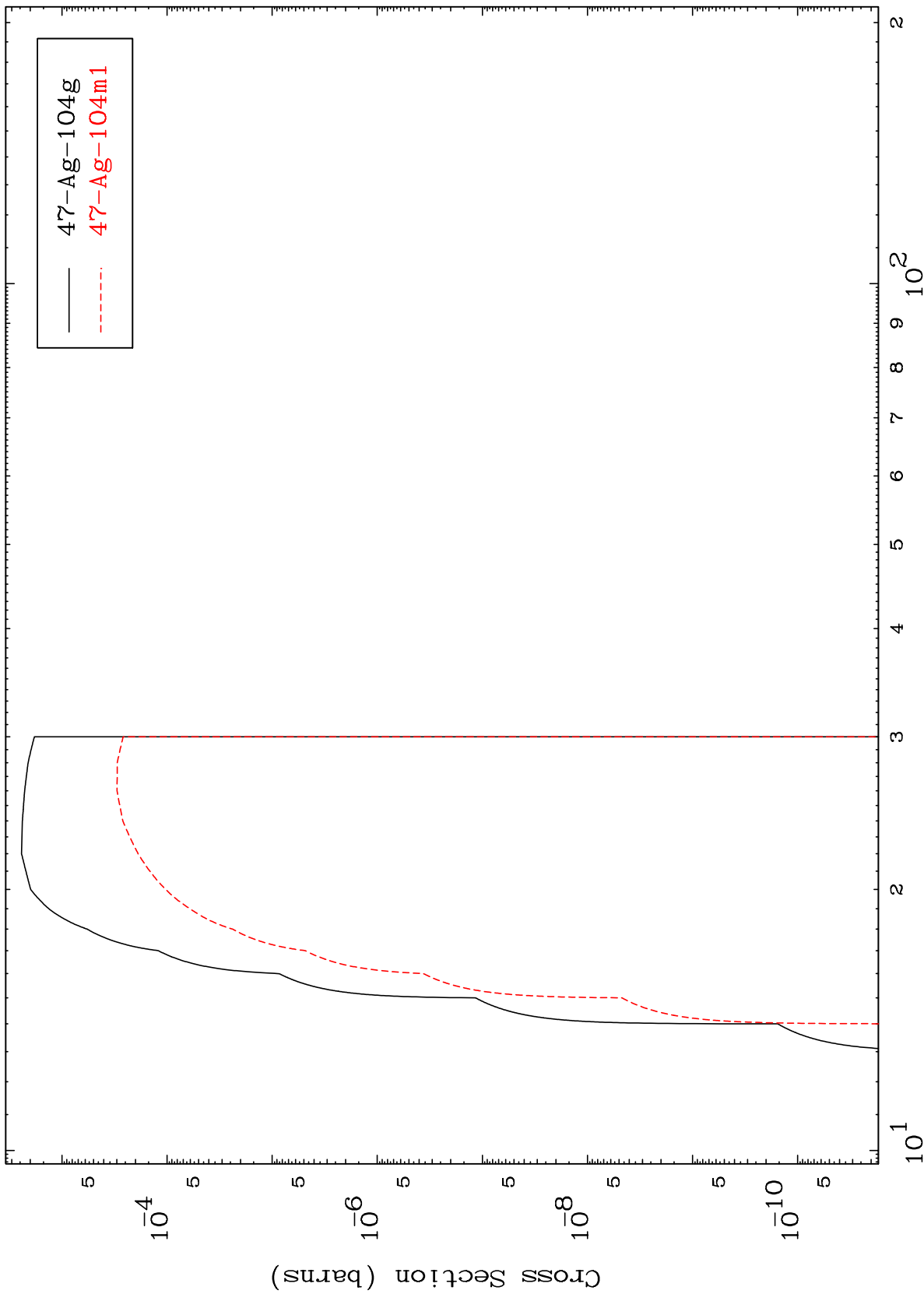


— 45-Rh-98g  
- - - 45-Rh-98m3

MAT 4904

49-In-106

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

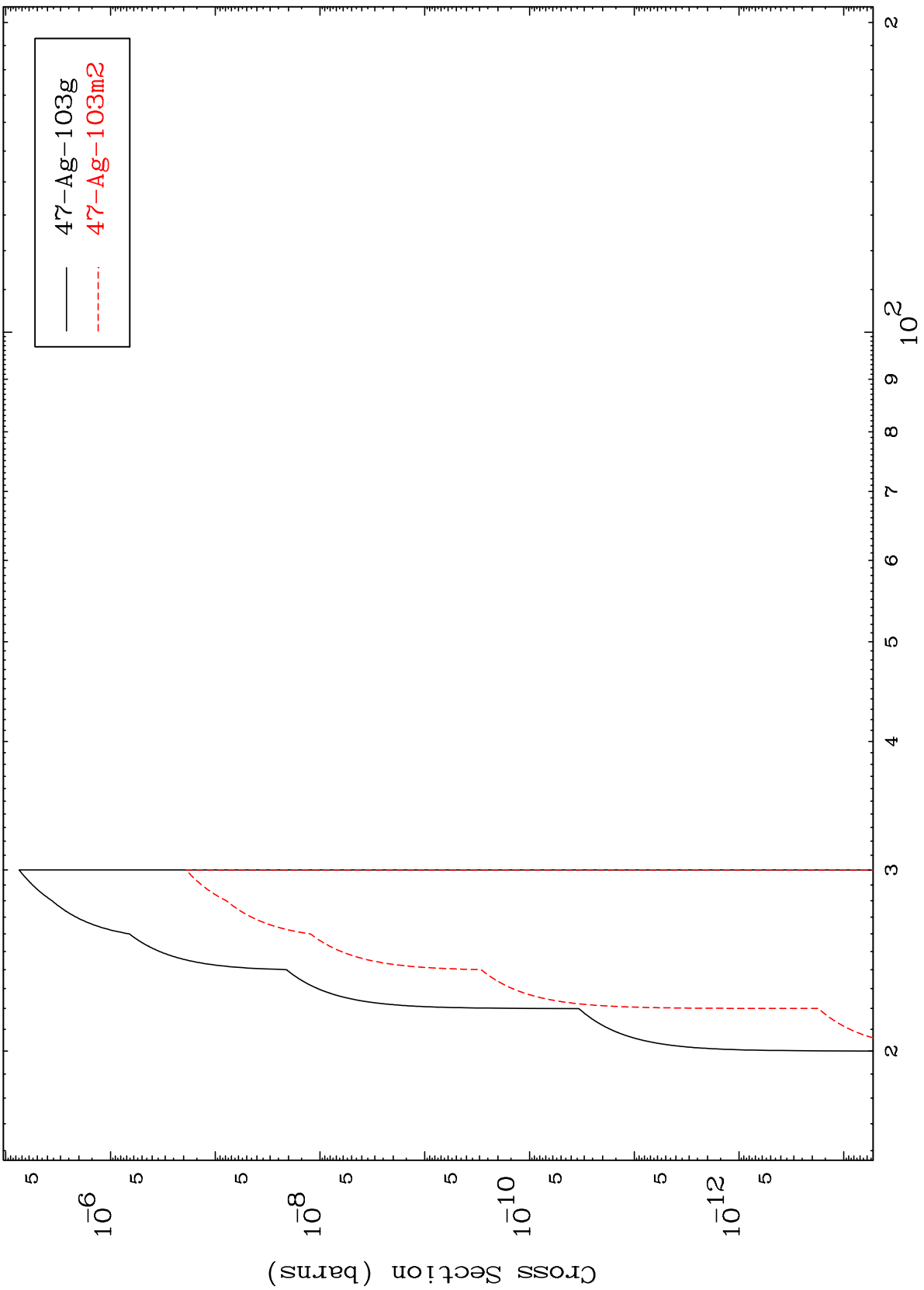


49-In-106

Incident Energy (MeV)

21

Radionuclide Production Cross Section

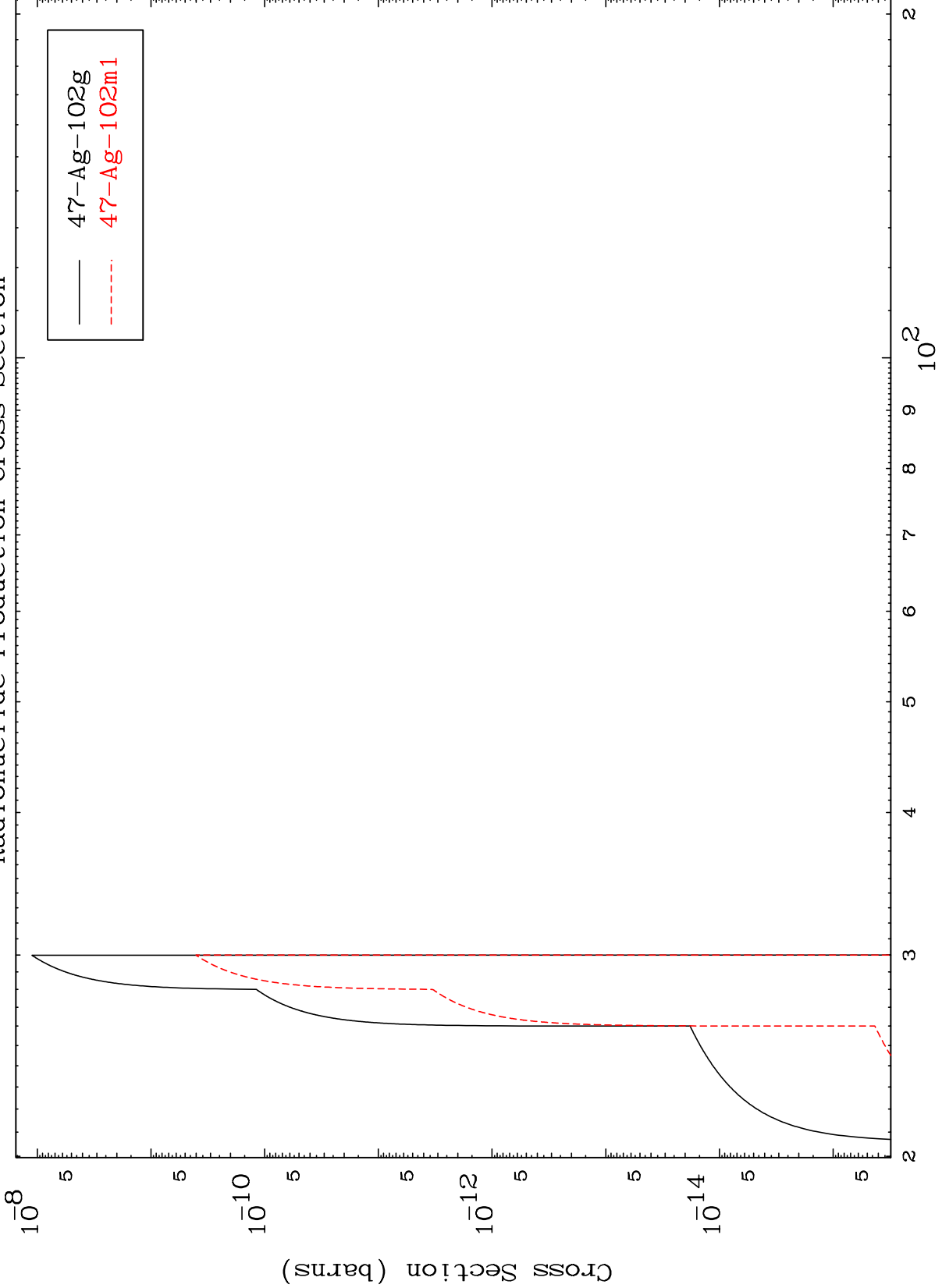


MAT 4904

( $\gamma, p$ ) t

49-In-106

Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-106