

Program EVALPLOT  
(Version 2021-1)

by

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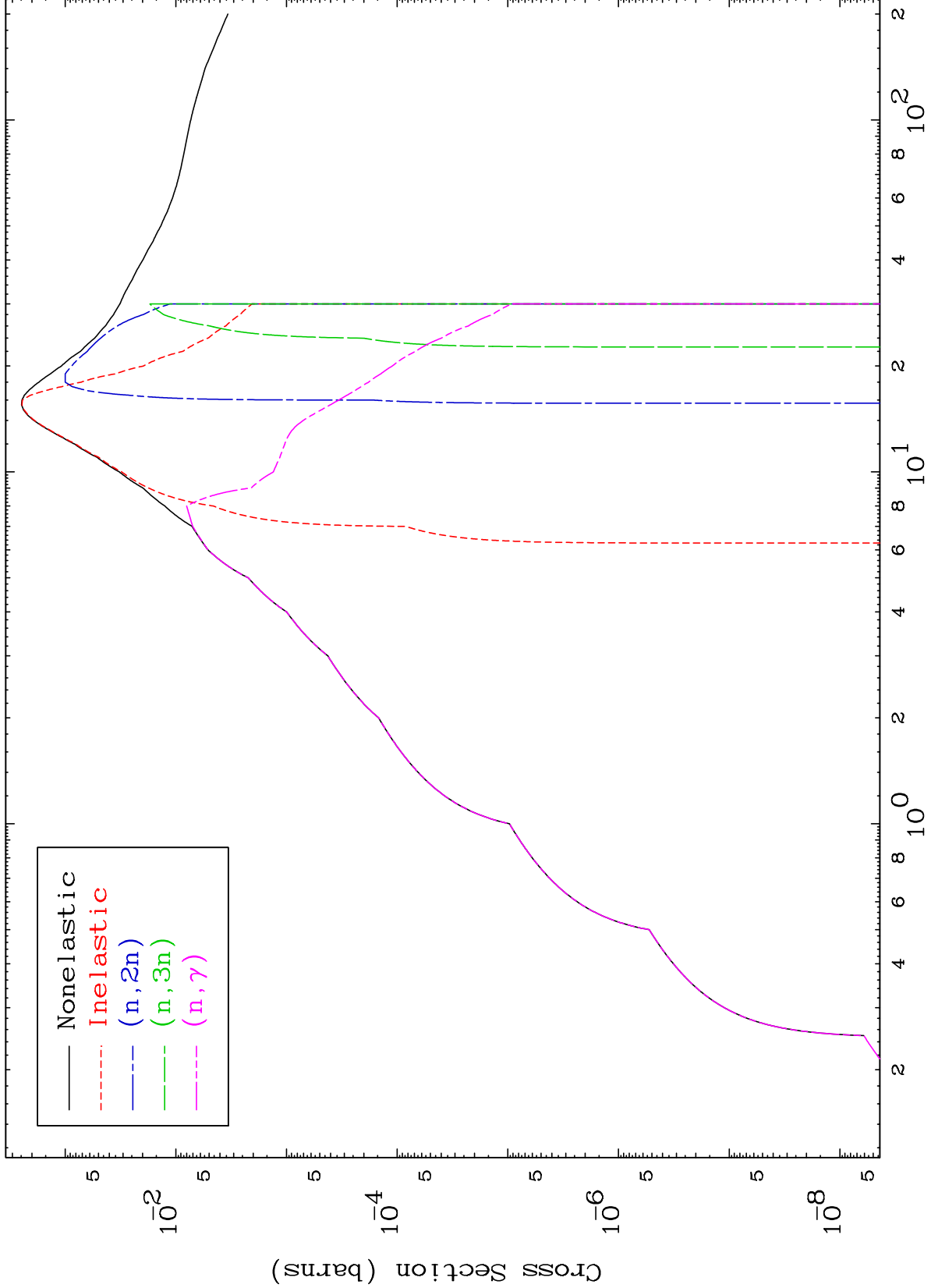
Press Mouse Button to Start

MAT 4847

Photon Major

48-Cd-113m

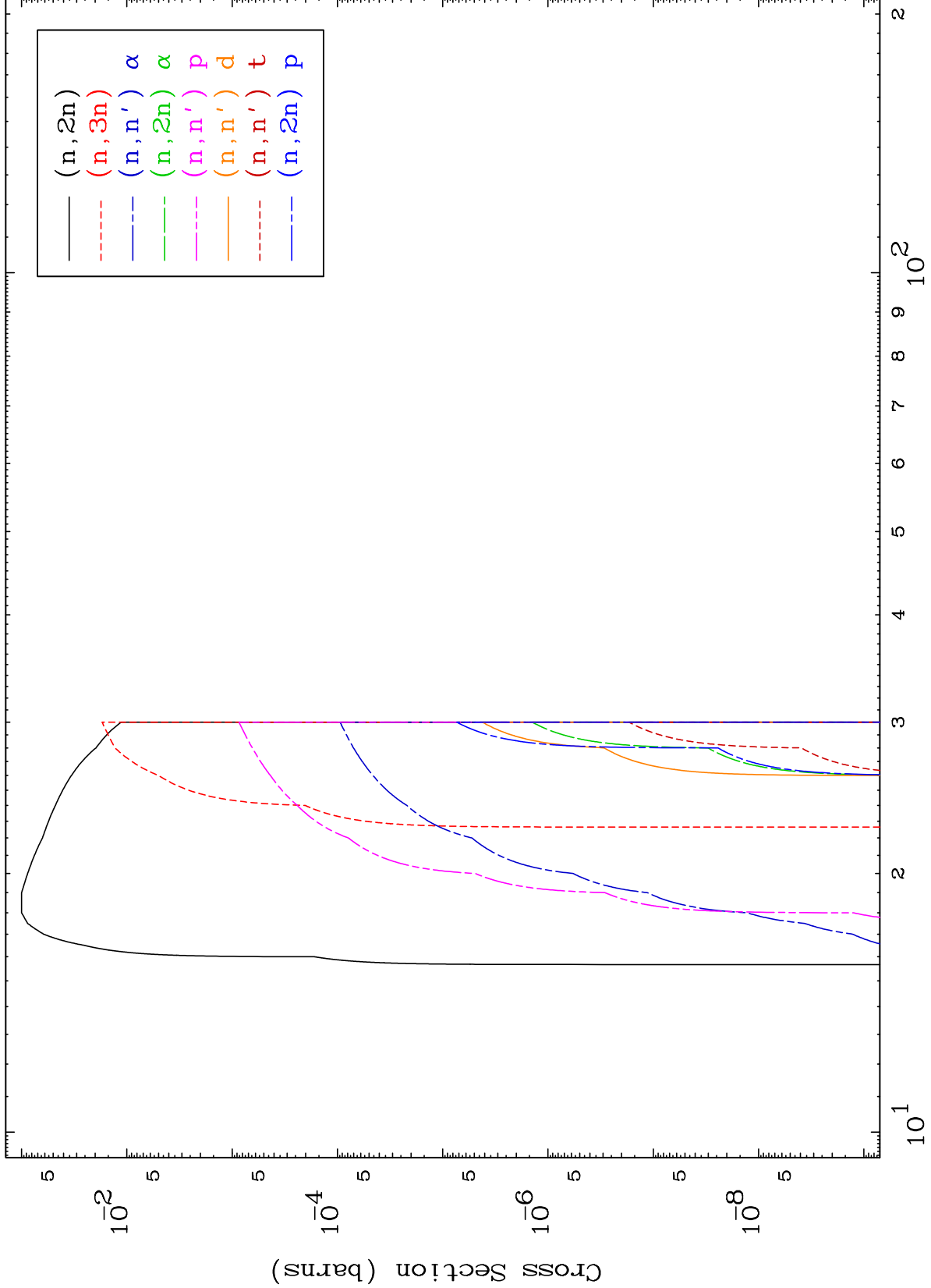
0 Kelvin Cross Sections



MAT 4847

Photon Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-113m



48-Cd-113m

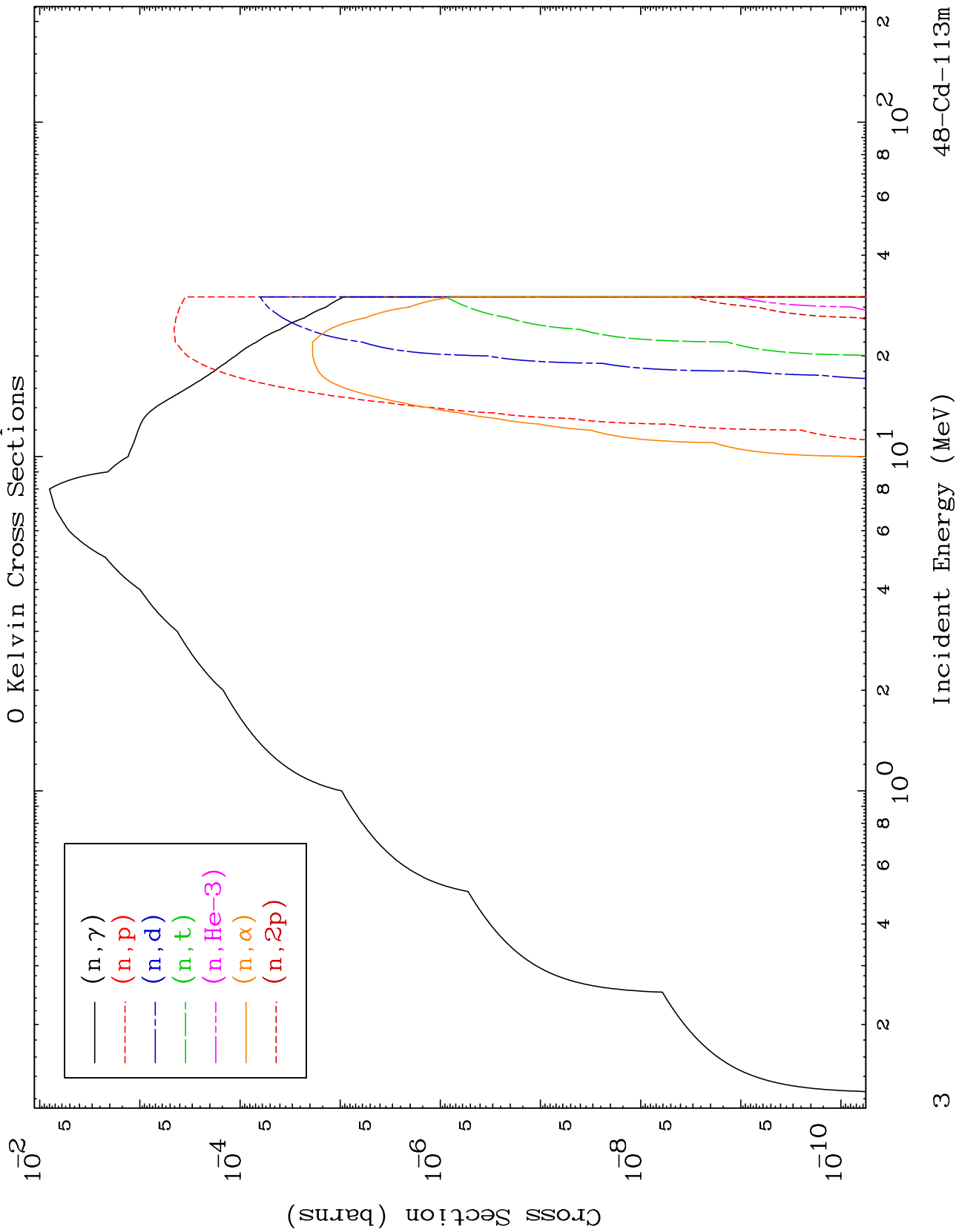
Incident Energy (MeV)

2

MAT 4847

Photon Neutron Absorption  
0 Kelvin Cross Sections

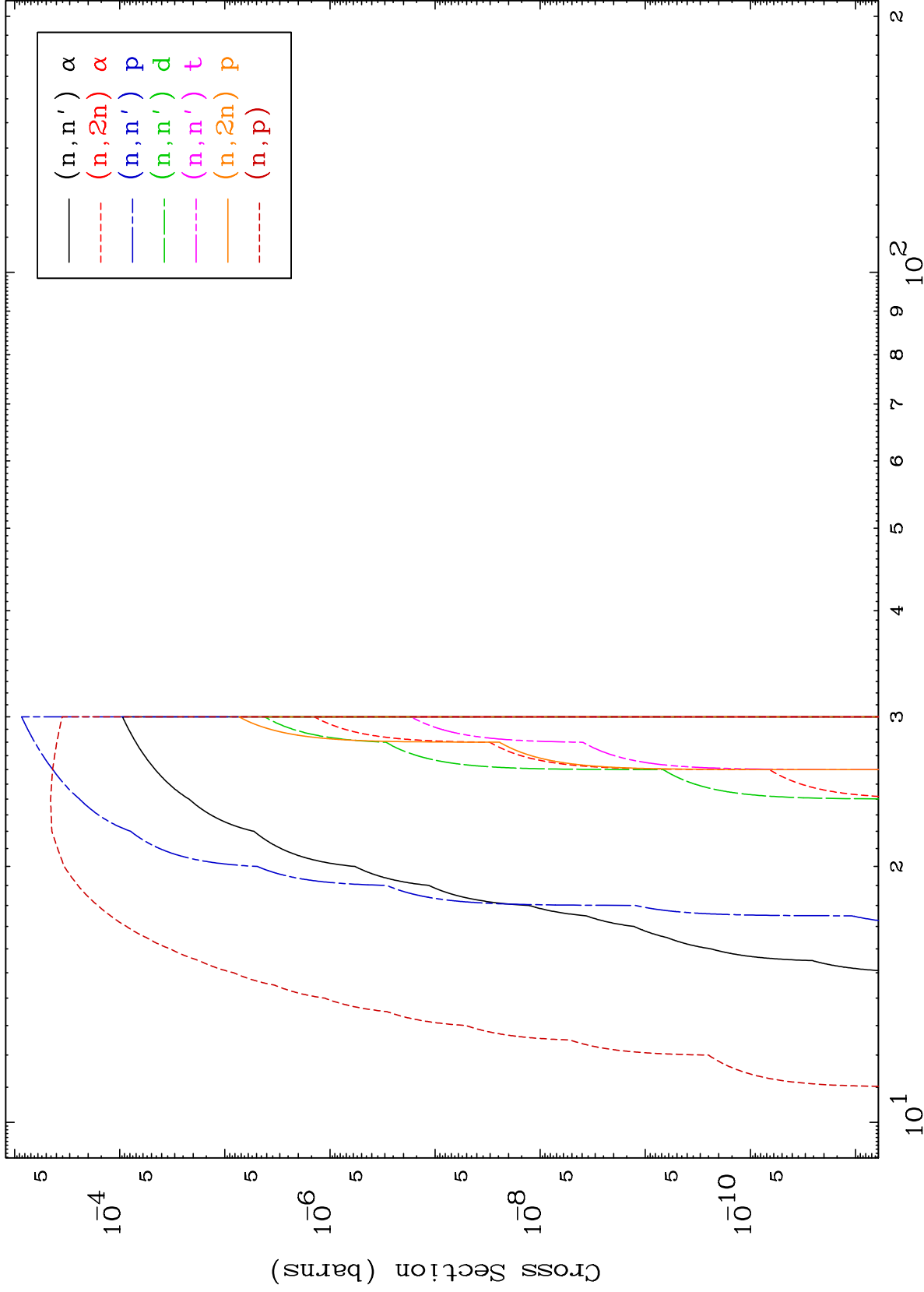
48-Cd-113m



MAT 4847

Photon Charged Particle  
0 Kelvin Cross Sections

48-Cd-113m



48-Cd-113m

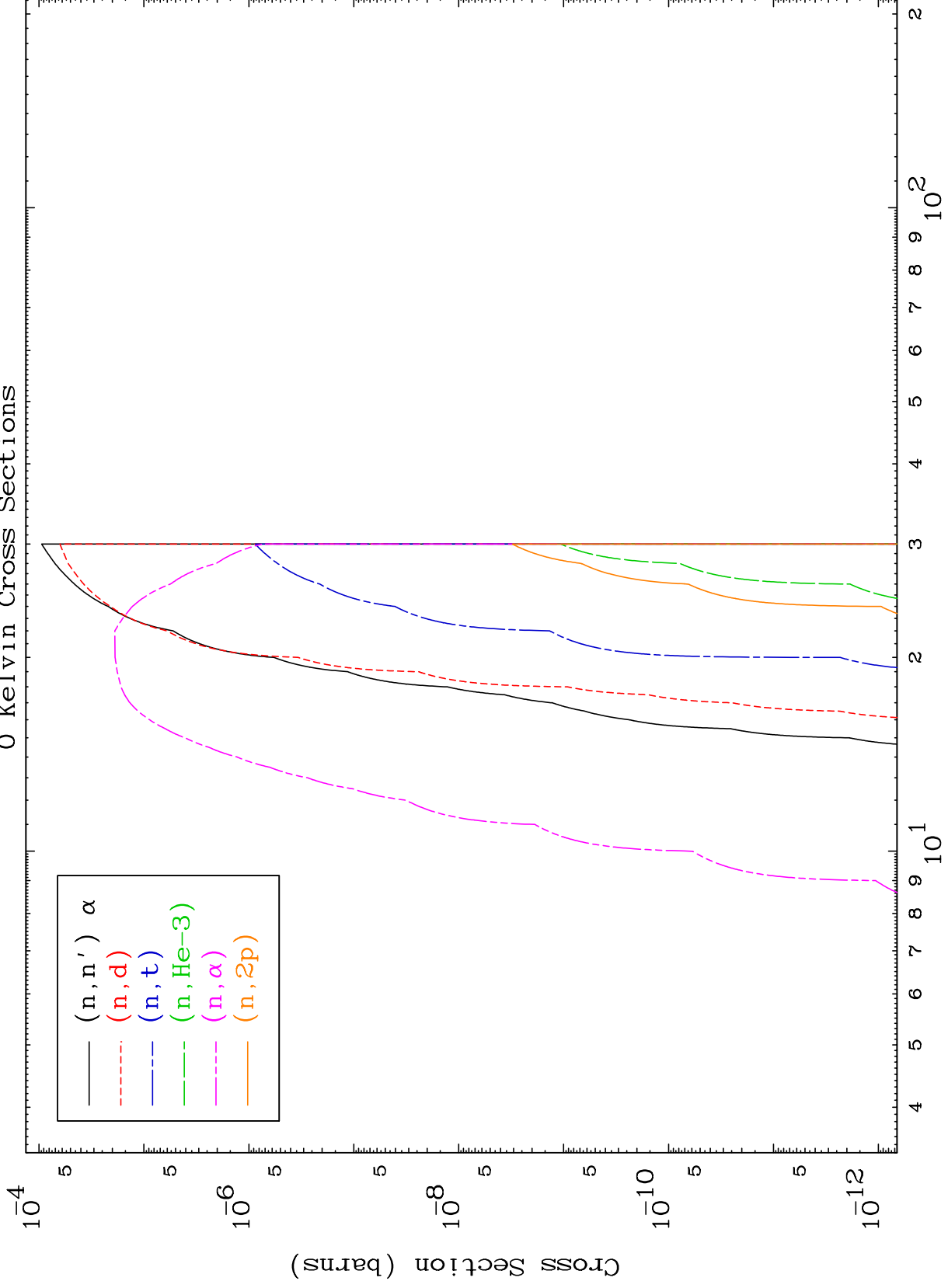
Incident Energy (MeV)

4

MAT 4847

Photon Charged Particle  
0 Kelvin Cross Sections

48-Cd-113m



5

Incident Energy (MeV)

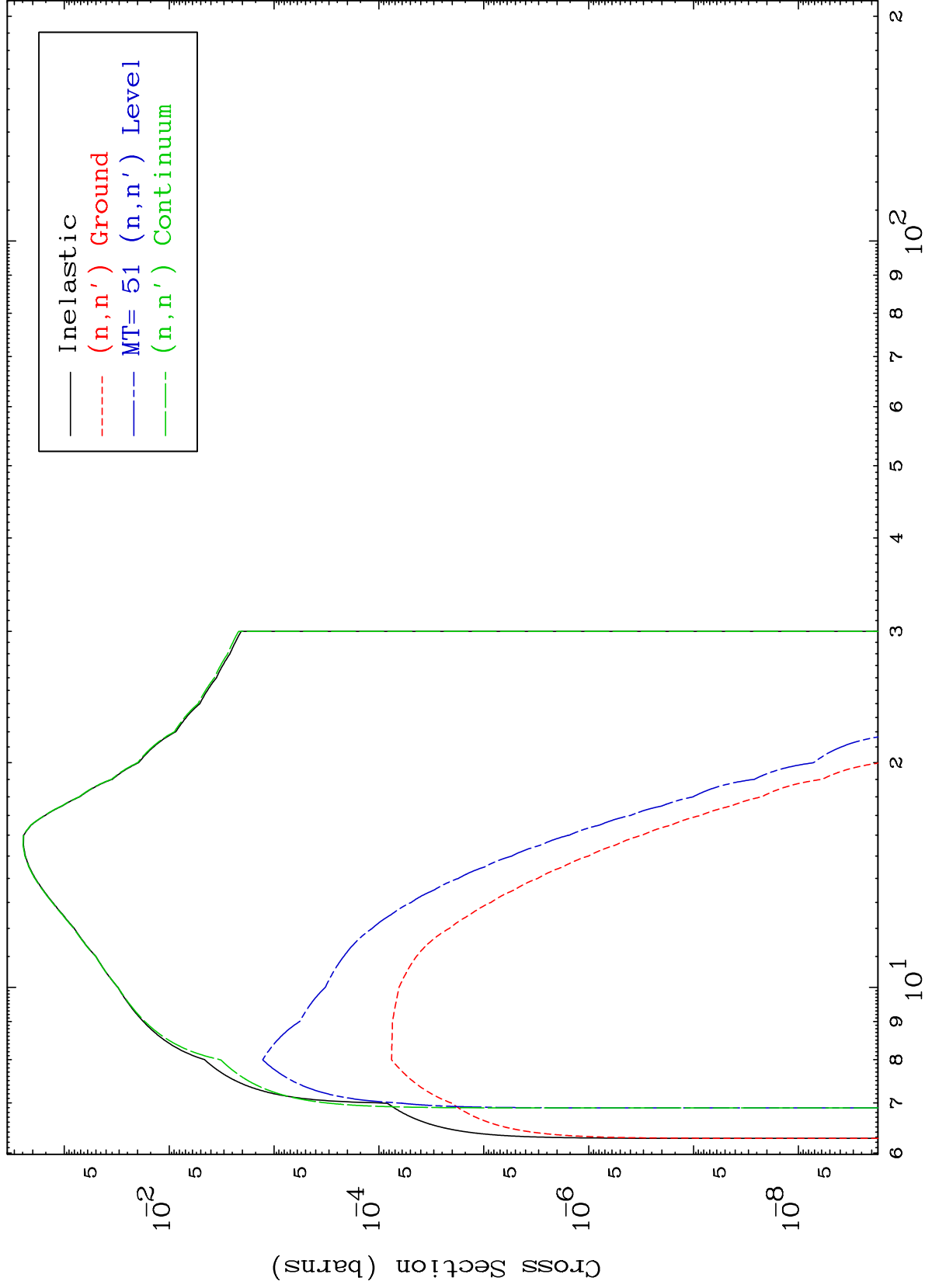
48-Cd-113m

MAT 4847

( $\gamma, n'$ ) Levels

48-Cd-113m

0 Kelvin Cross Sections



Incident Energy (MeV)

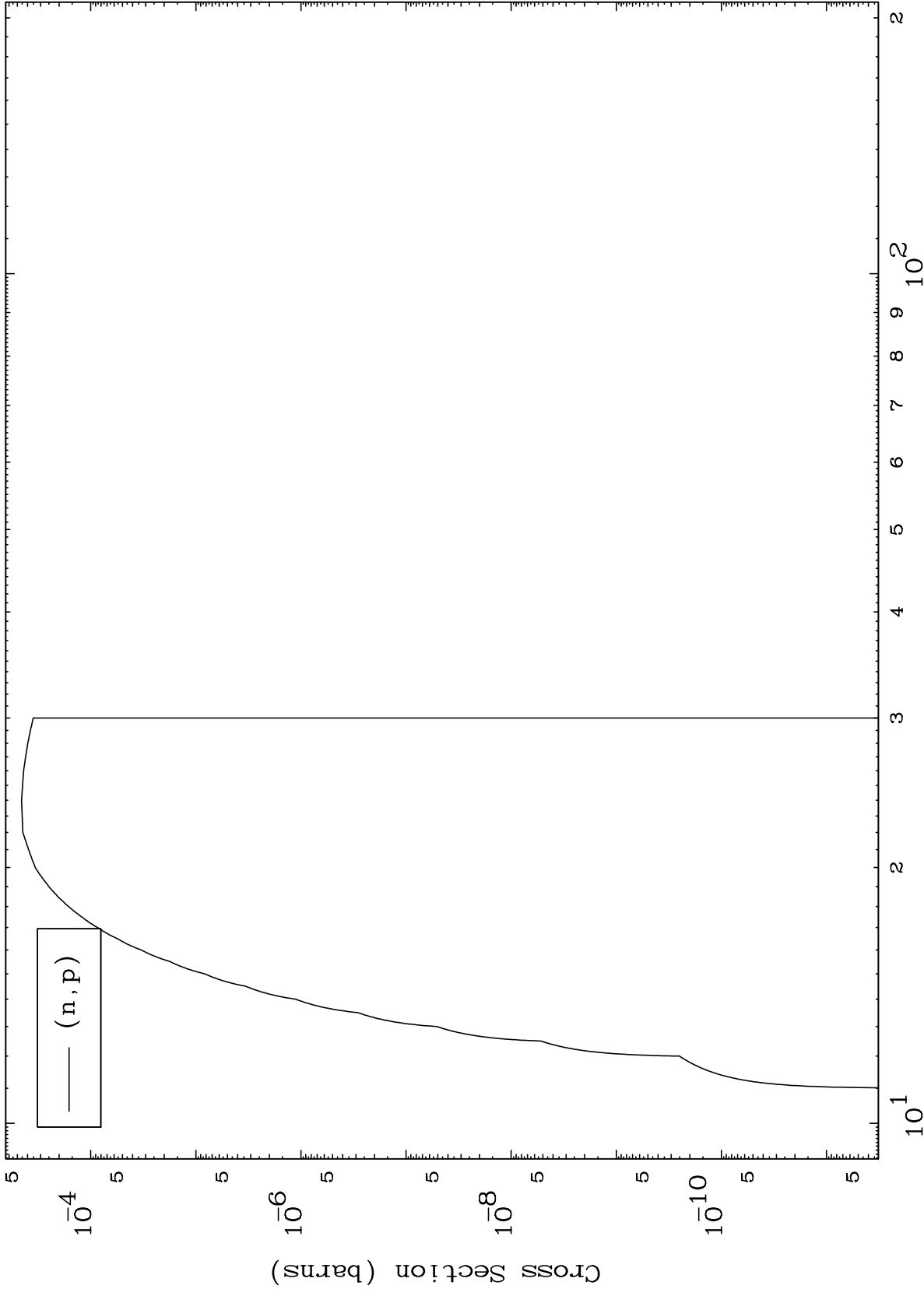
48-Cd-113m

6

MAT 4847

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

48-Cd-113m



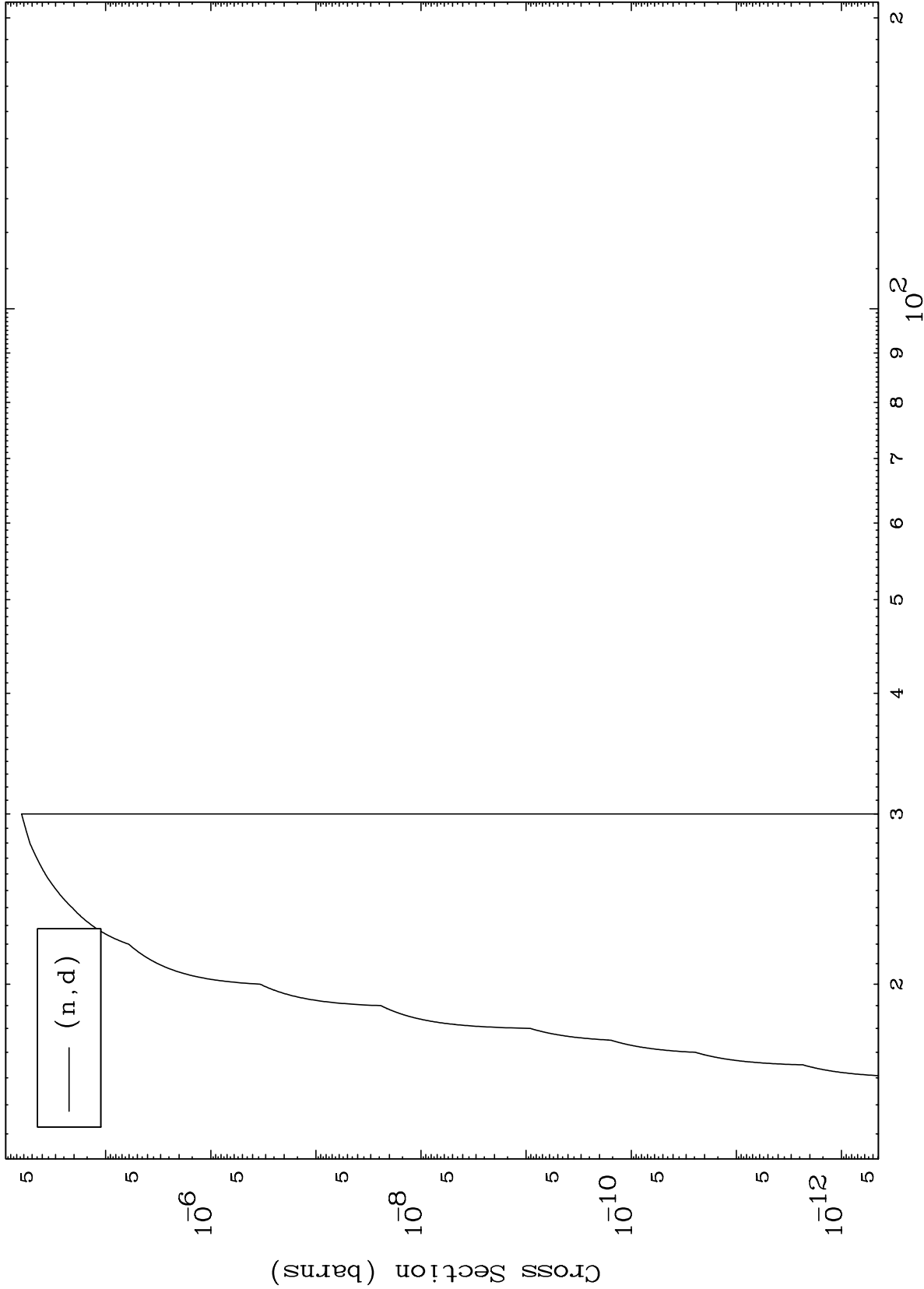
Incident Energy (MeV)

48-Cd-113m

MAT 4847

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

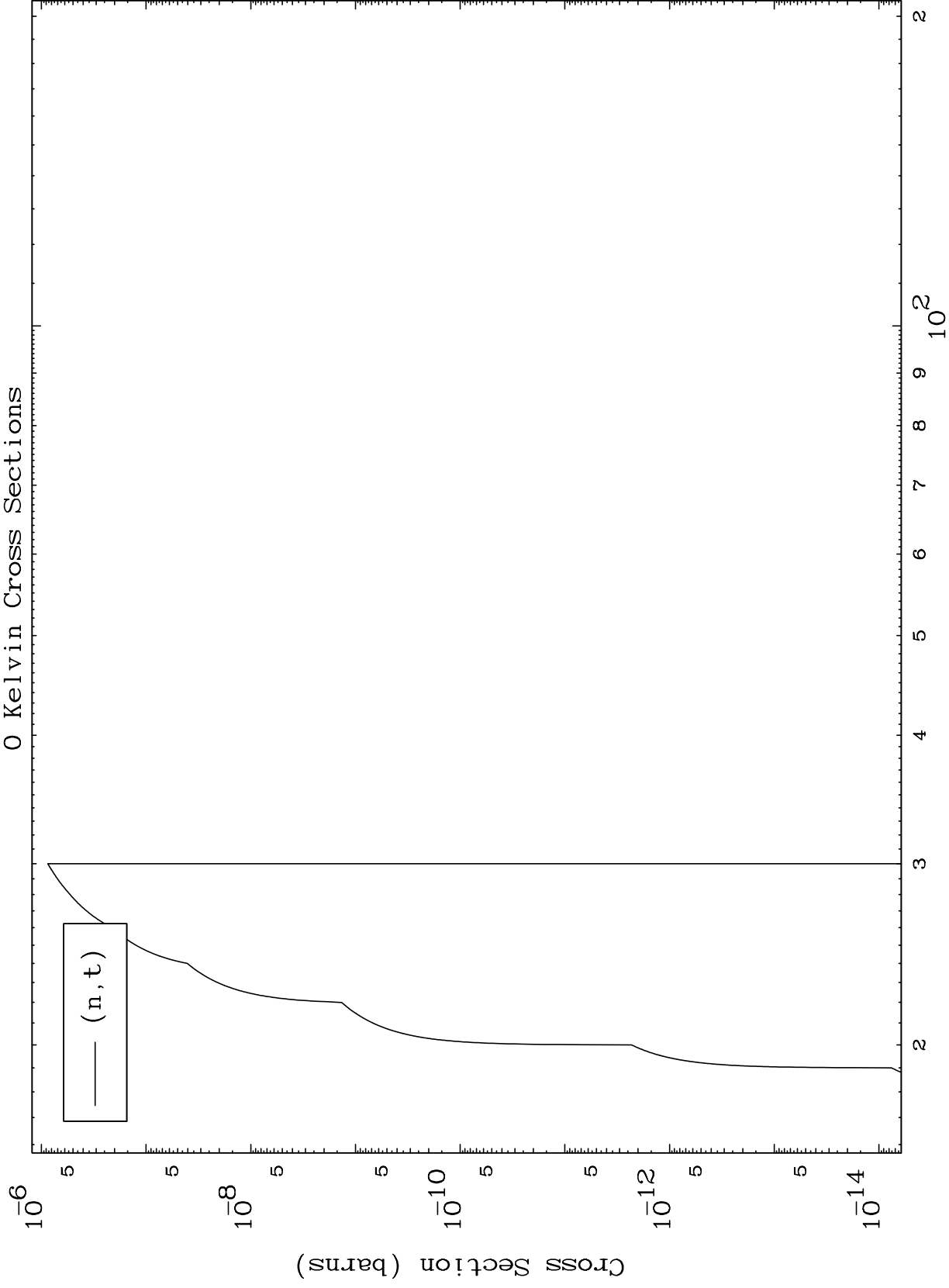
48-Cd-113m



MAT 4847

48-Cd-113m

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



48-Cd-113m

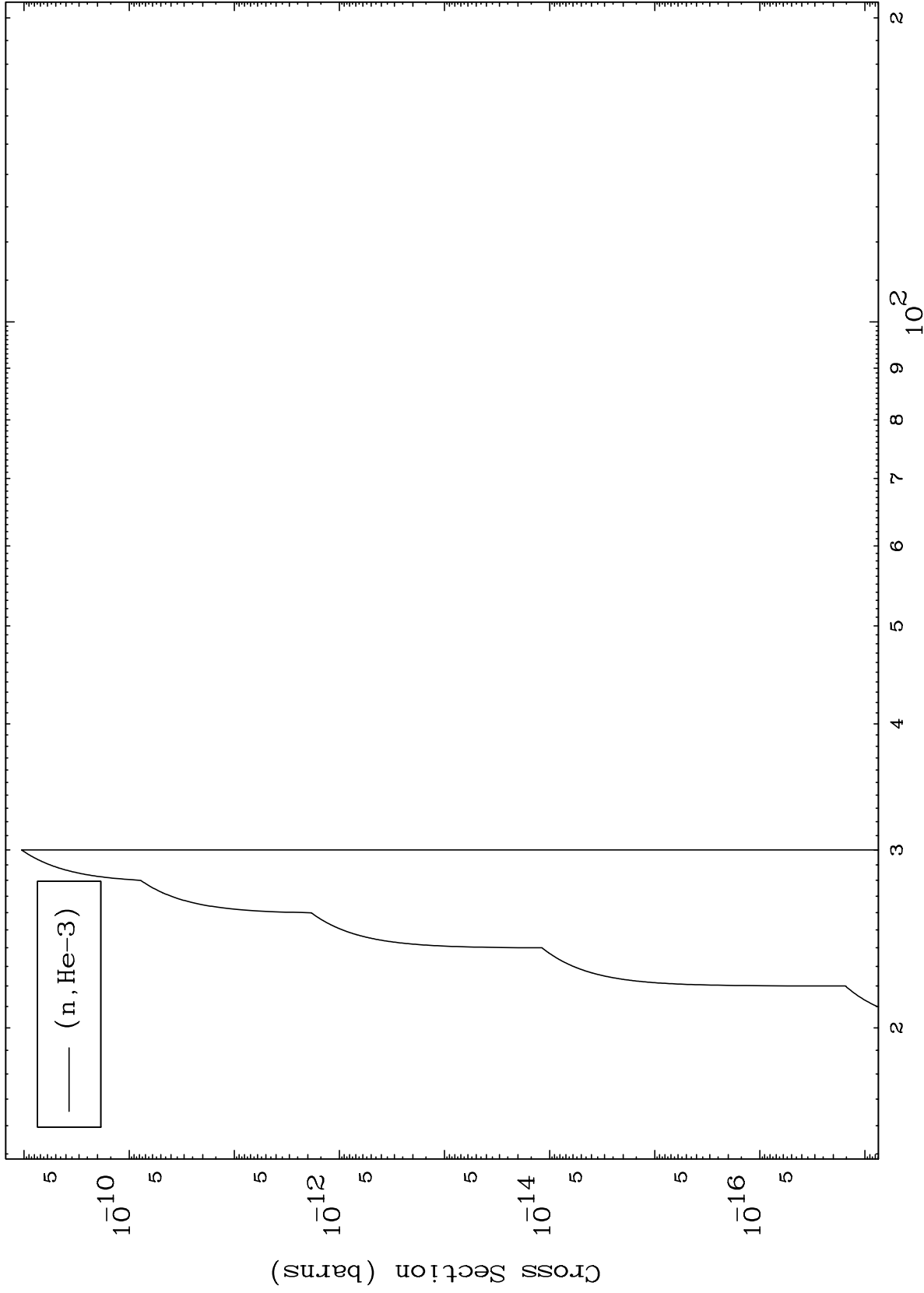
Incident Energy (MeV)

9

MAT 4847

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

48-Cd-113m



10

Incident Energy (MeV)

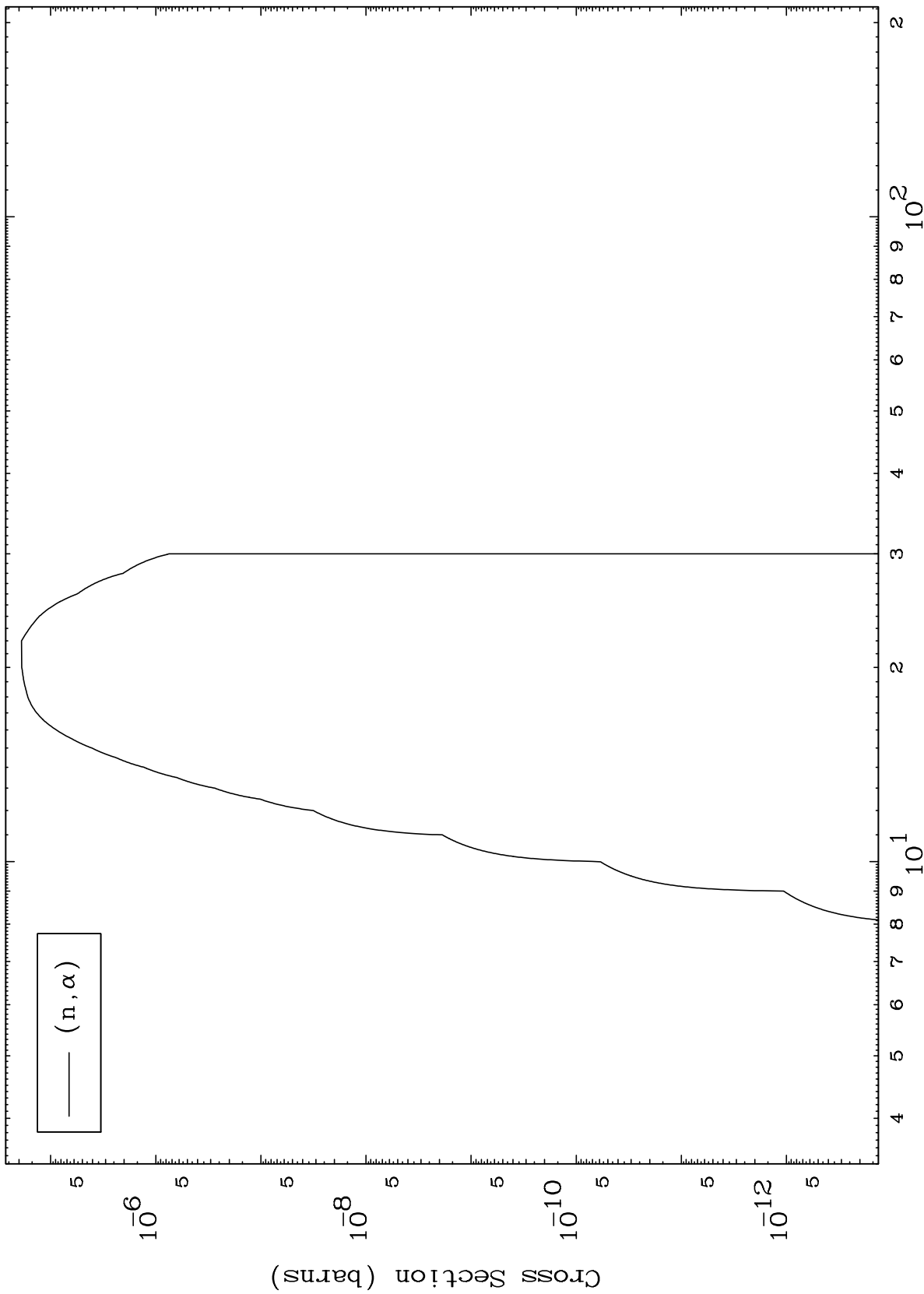
48-Cd-113m

MAT 4847

( $\gamma, \alpha$ ) Levels

48-Cd-113m

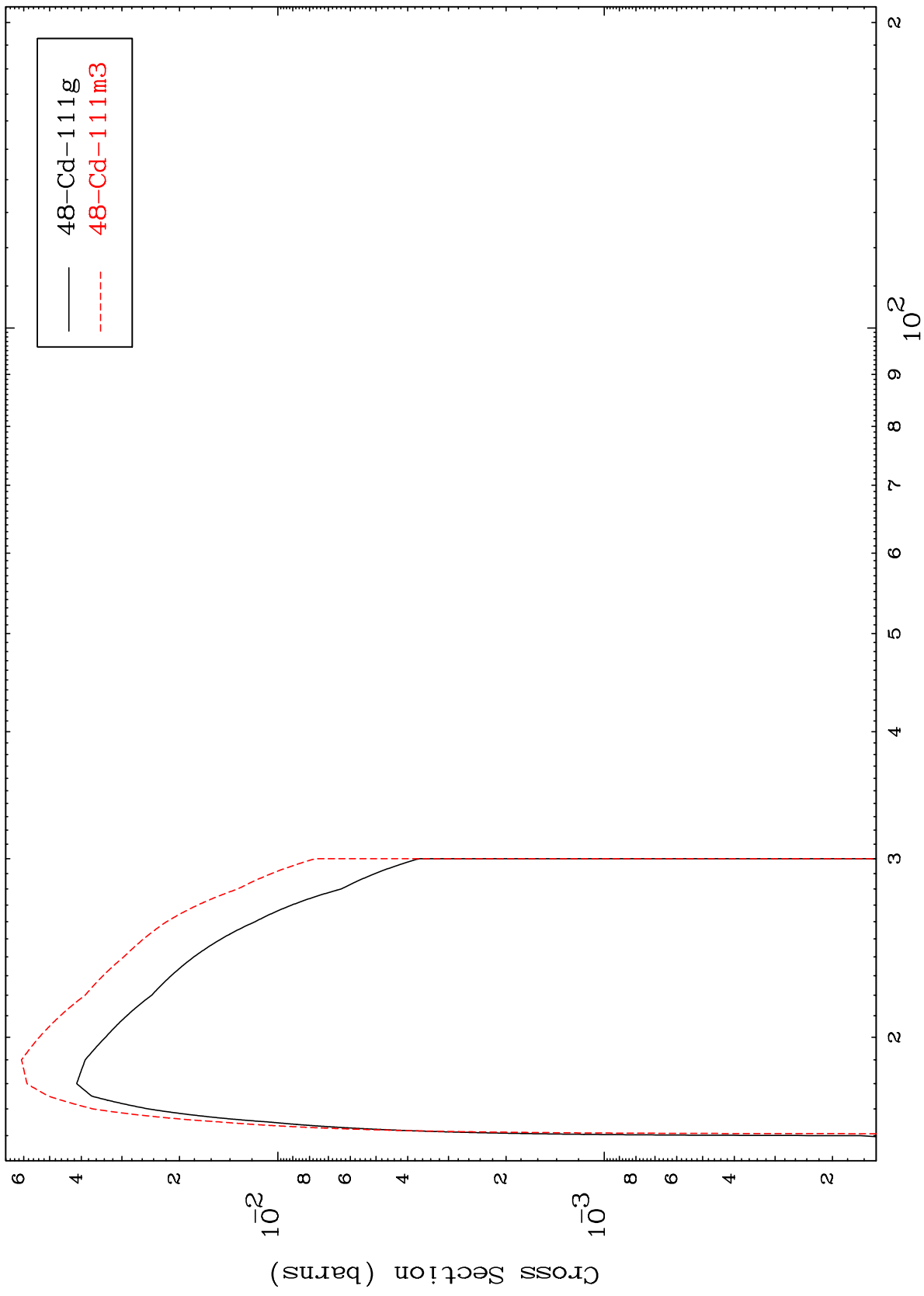
0 Kelvin Cross Sections



MAT 4847

48-Cd-113m

(n,2n)  
Radionuclide Production Cross Section



12

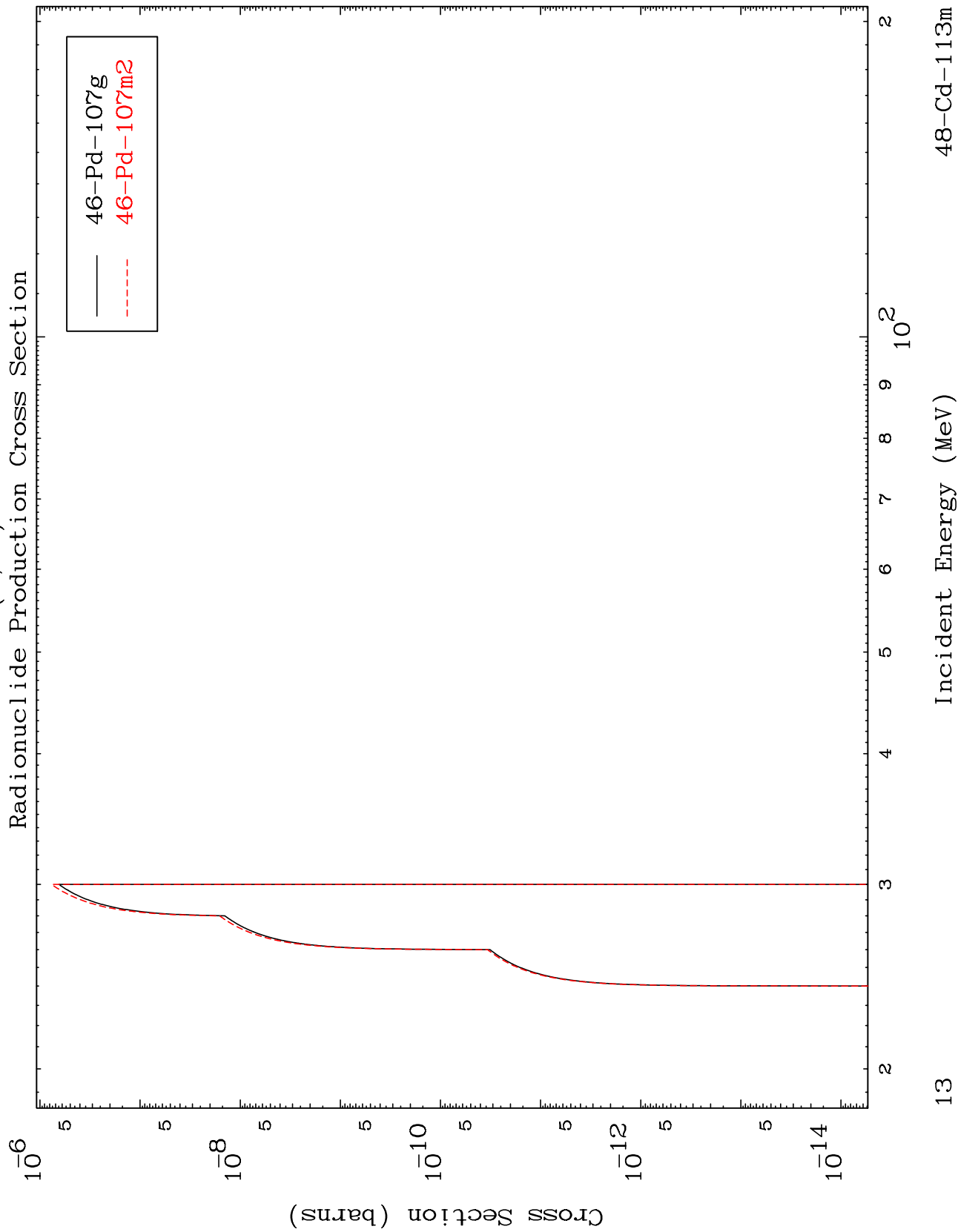
Incident Energy (MeV)

48-Cd-113m

MAT 4847

(n,2n)  $\alpha$

48-Cd-113m



13

Incident Energy (MeV)

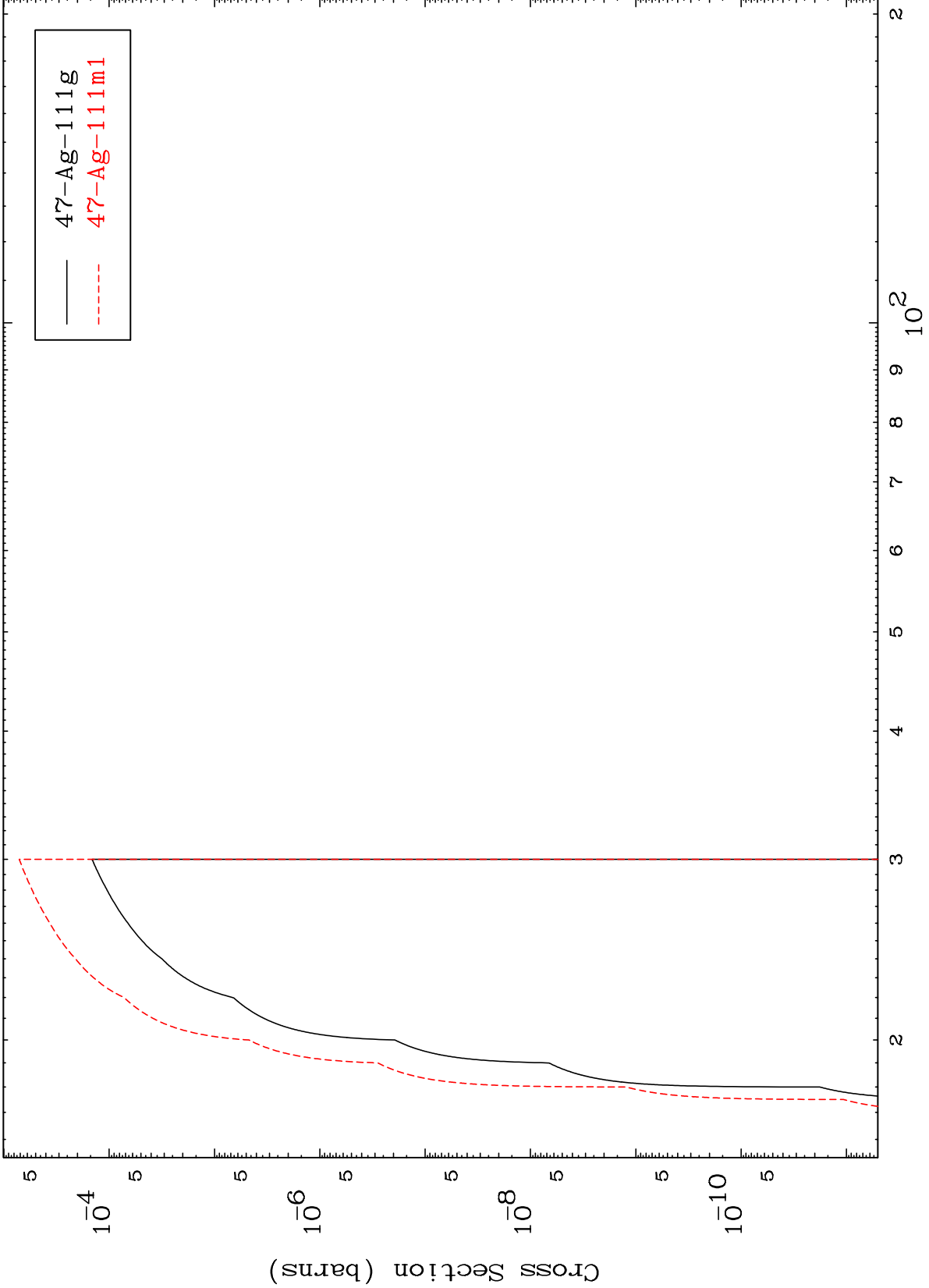
48-Cd-113m

MAT 4847

(n,n') p

48-Cd-113m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

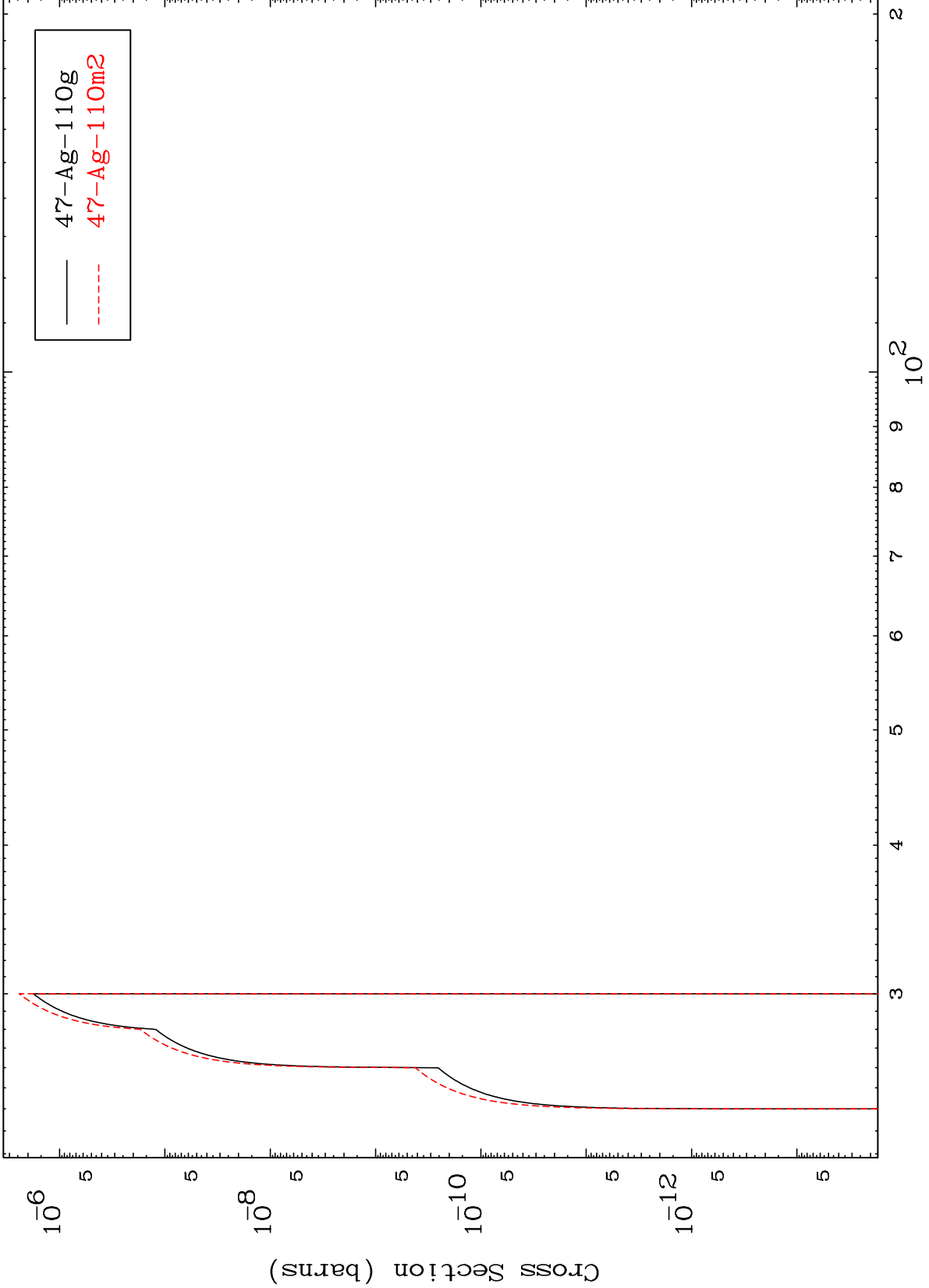
48-Cd-113m

MAT 4847

(n,n') d

48-Cd-113m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

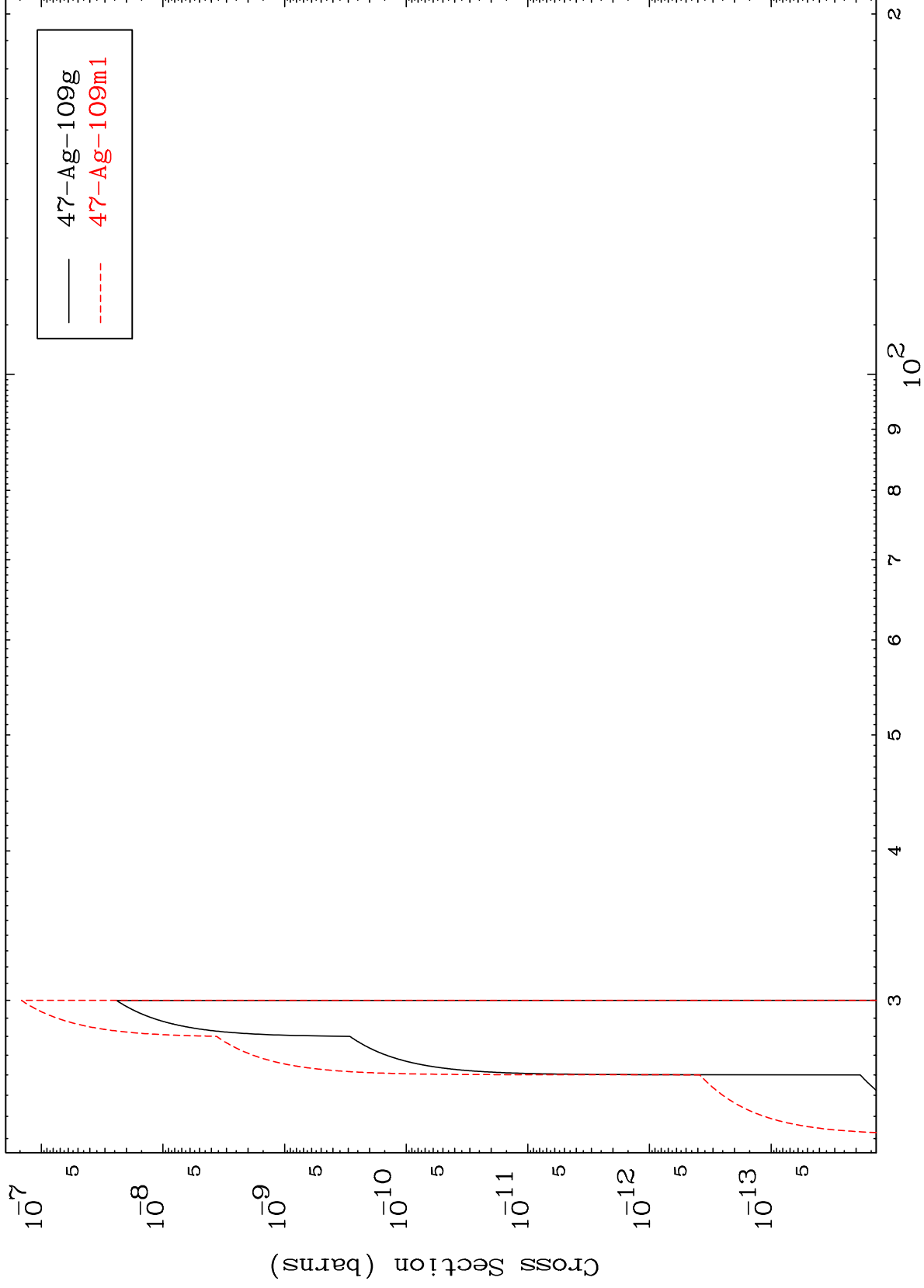
48-Cd-113m

MAT 4847

(n,n') t

48-Cd-113m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

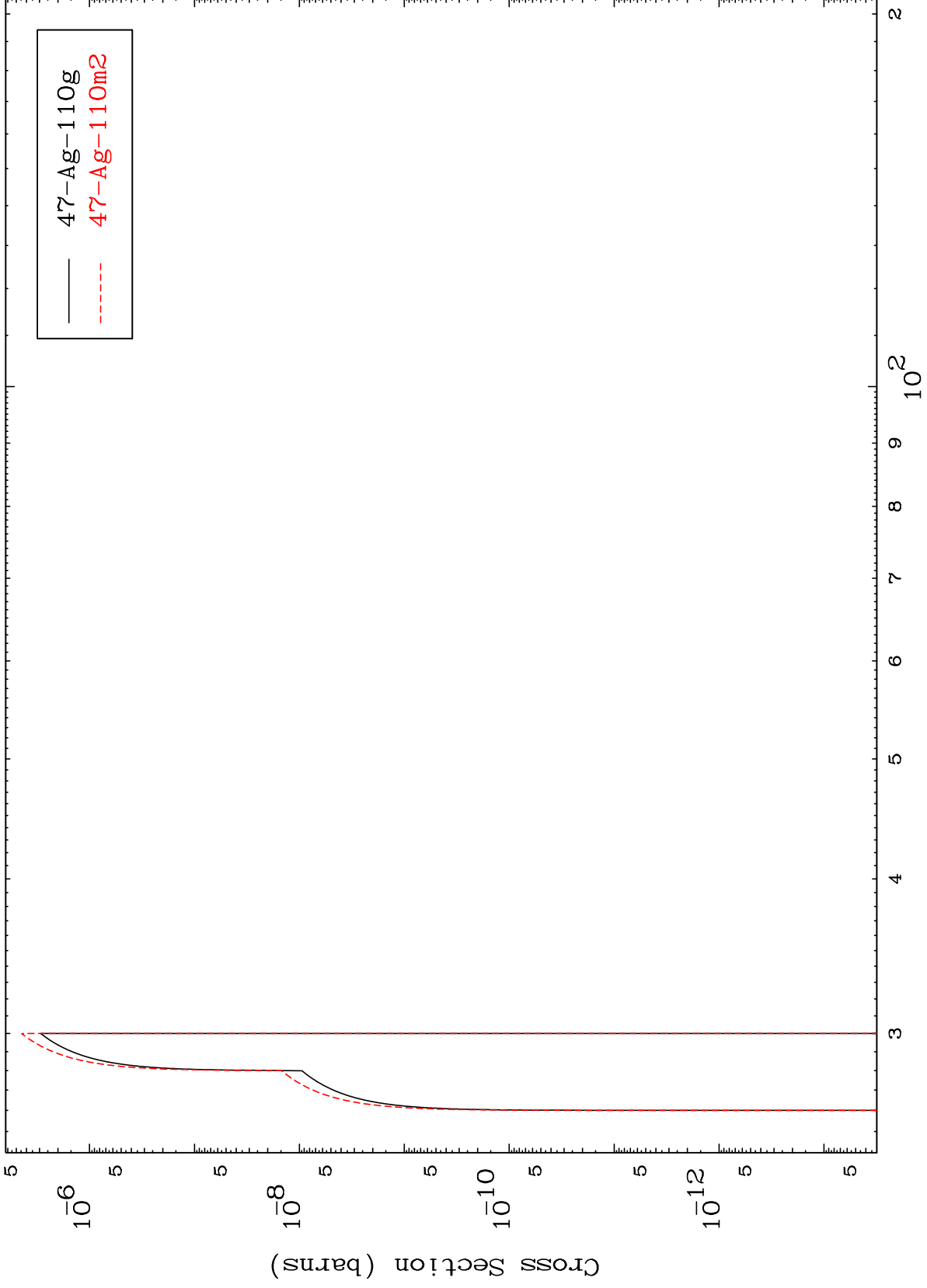
48-Cd-113m

MAT 4847

(n,2n) p

48-Cd-113m

Radionuclide Production Cross Section



17

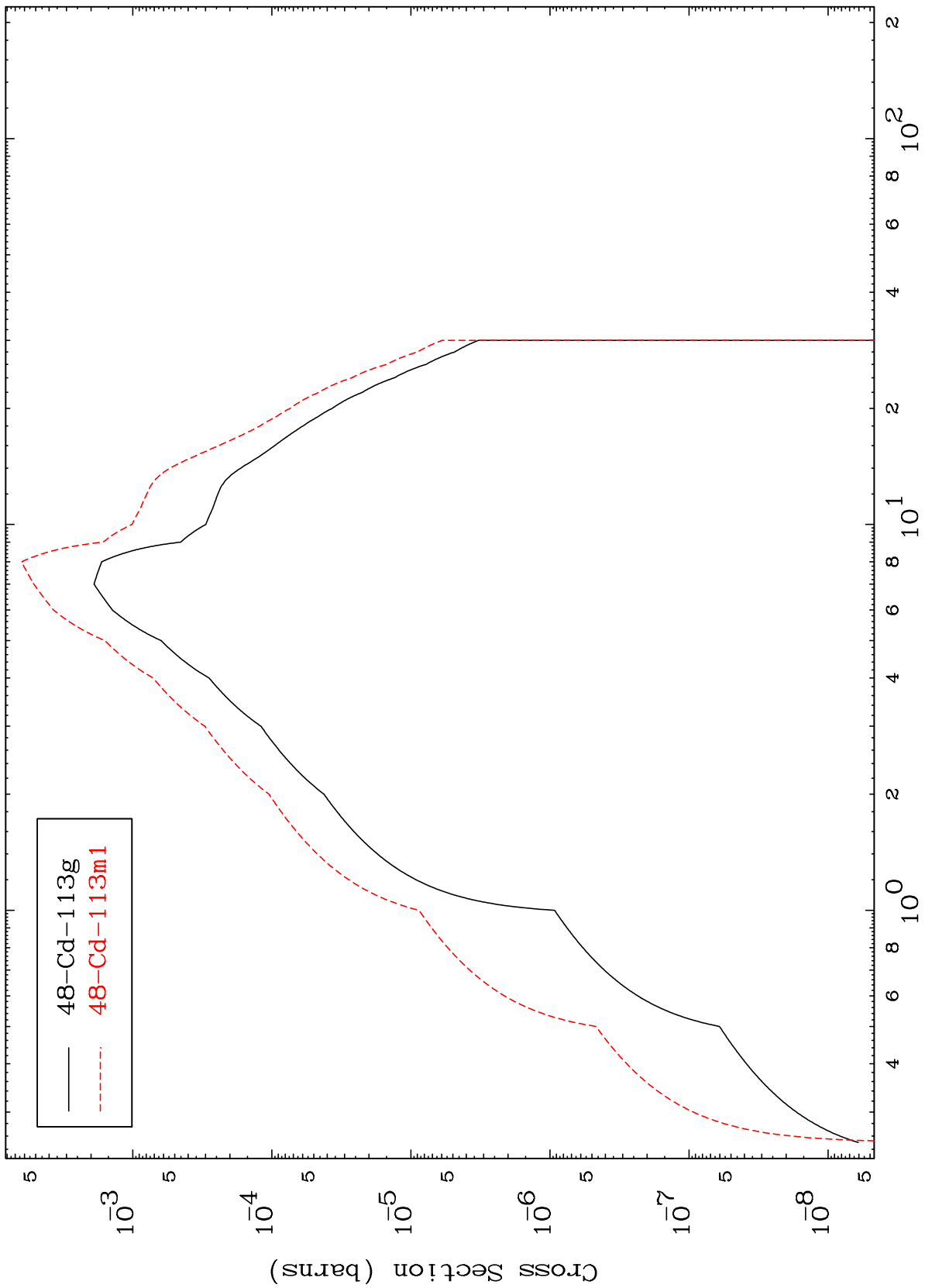
Incident Energy (MeV)

48-Cd-113m

MAT 4847

48-Cd-113m

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



Legend:  
— 48-Cd-113g  
- - - 48-Cd-113m1

18

Incident Energy (MeV)

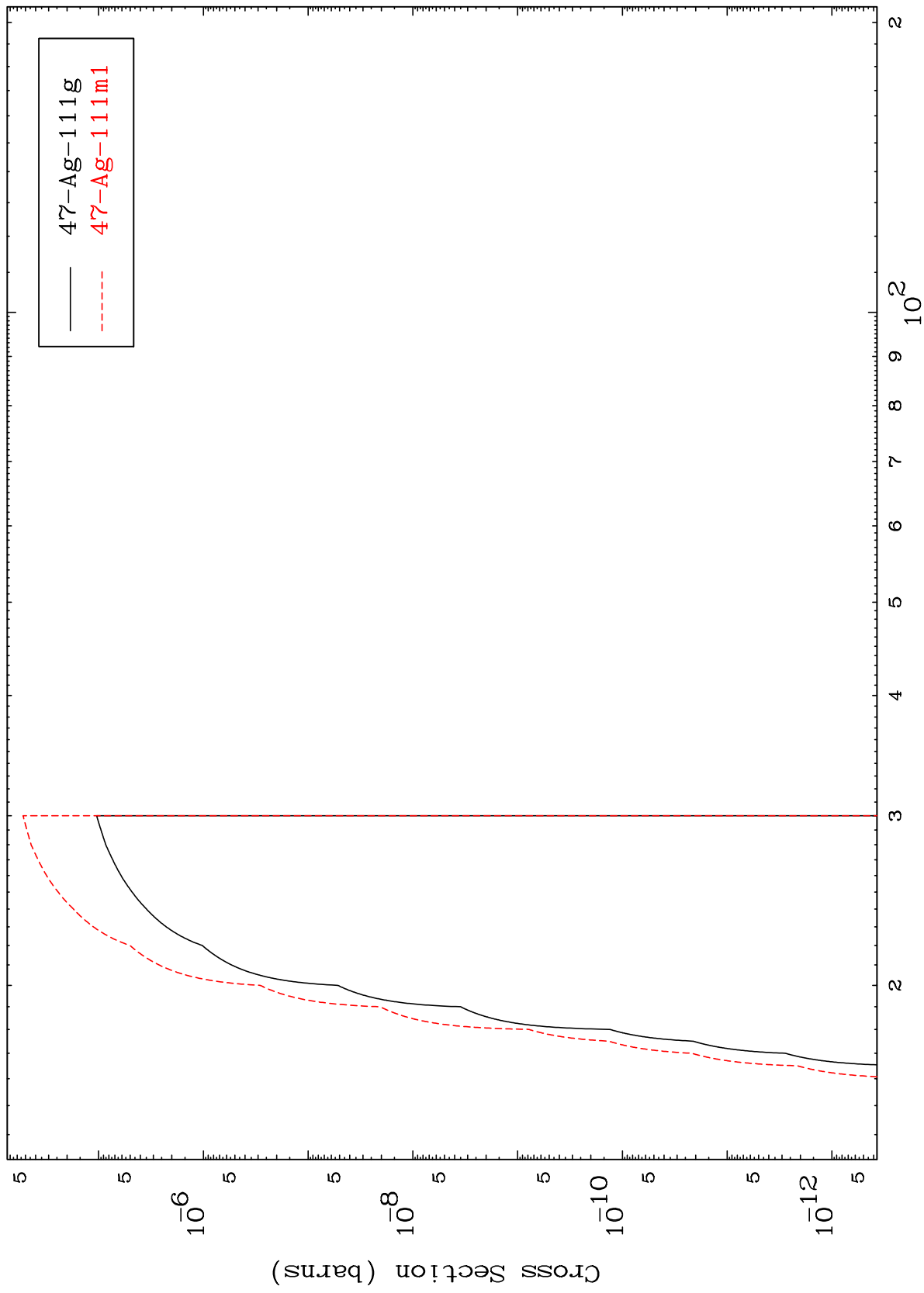
48-Cd-113m

MAT 4847

(n,d)

48-Cd-113m

Radionuclide Production Cross Section



19

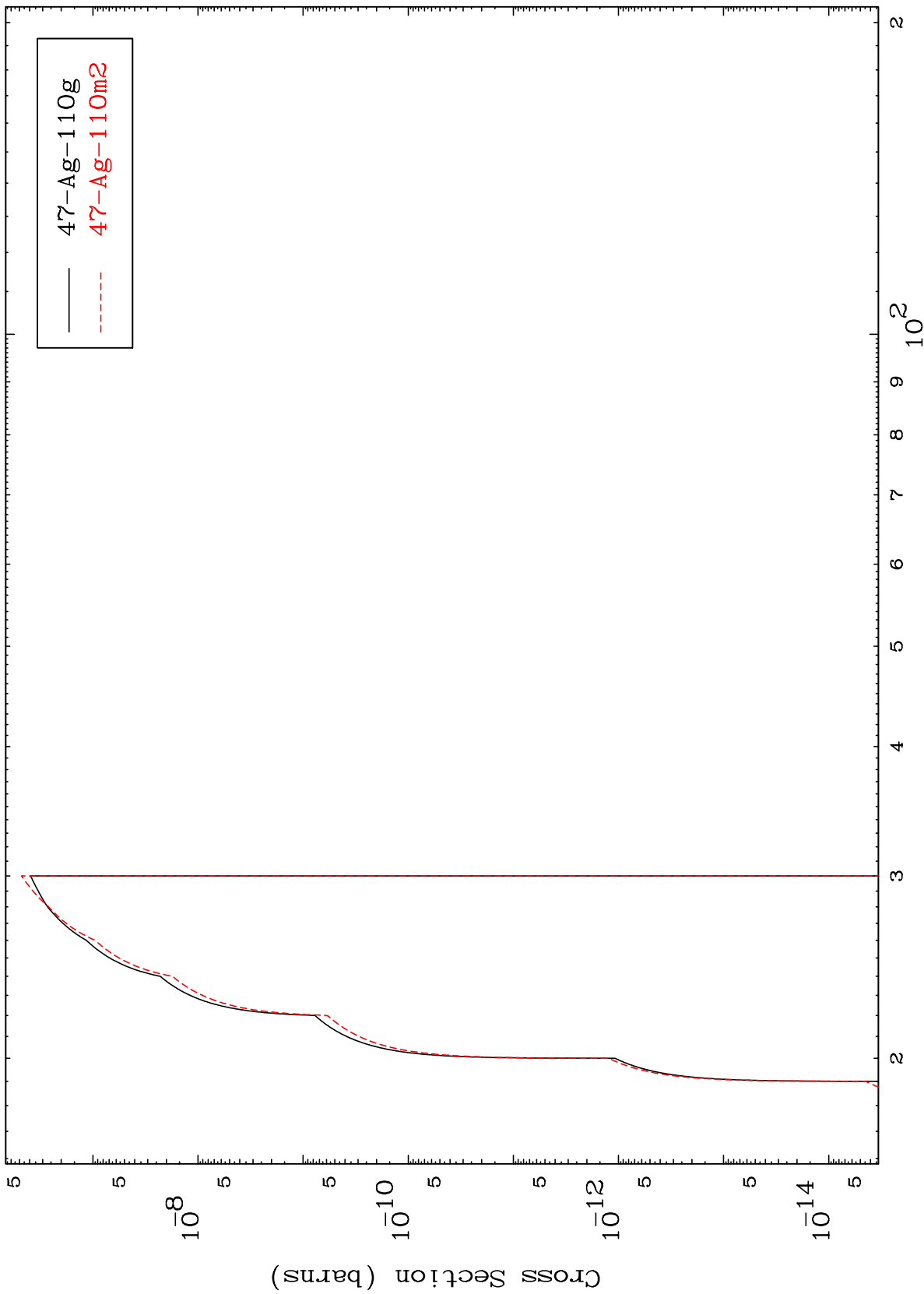
Incident Energy (MeV)

48-Cd-113m

MAT 4847

48-Cd-113m

(n,t)  
Radionuclide Production Cross Section



48-Cd-113m

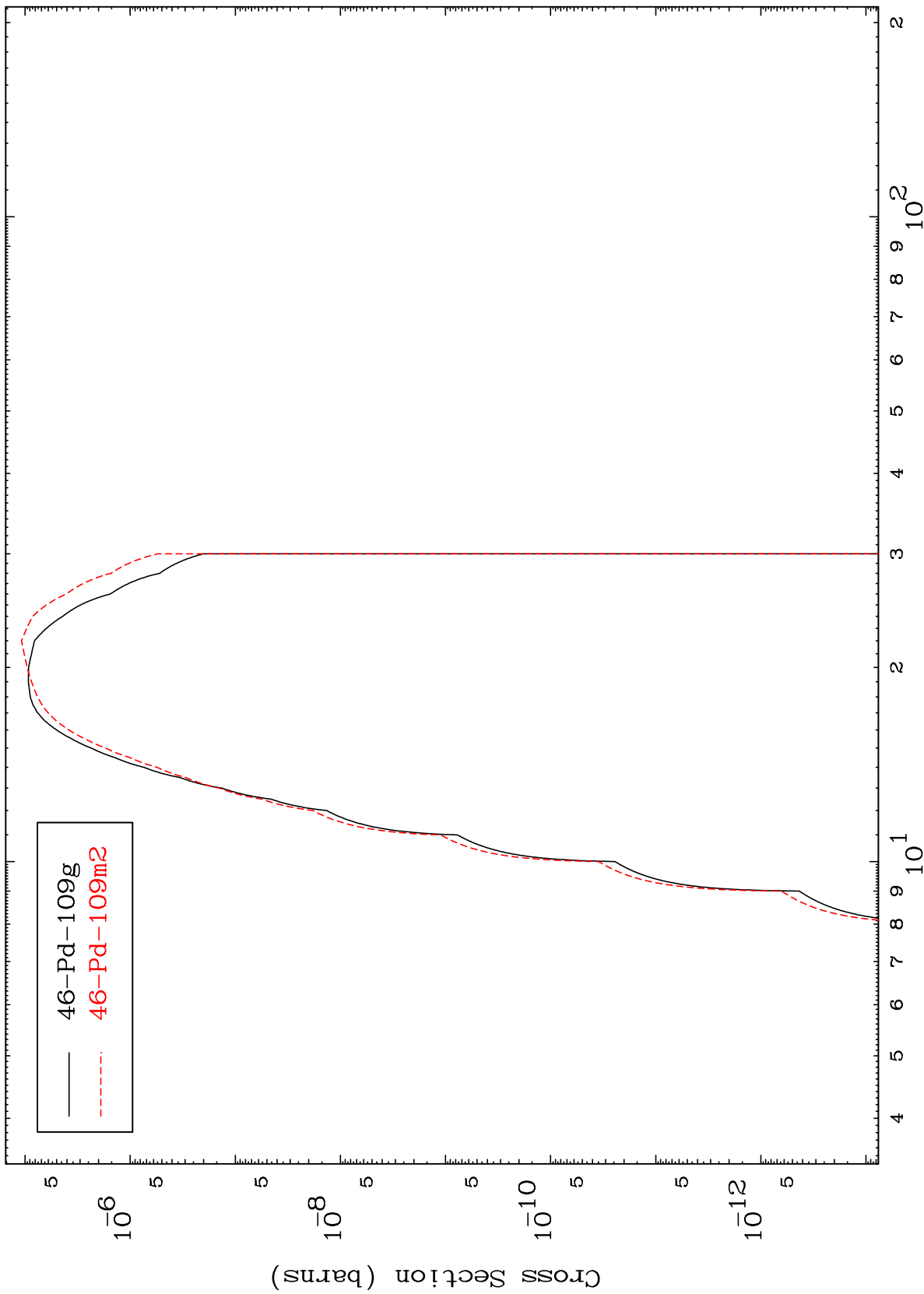
Incident Energy (MeV)

20

MAT 4847

48-Cd-113m

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



48-Cd-113m

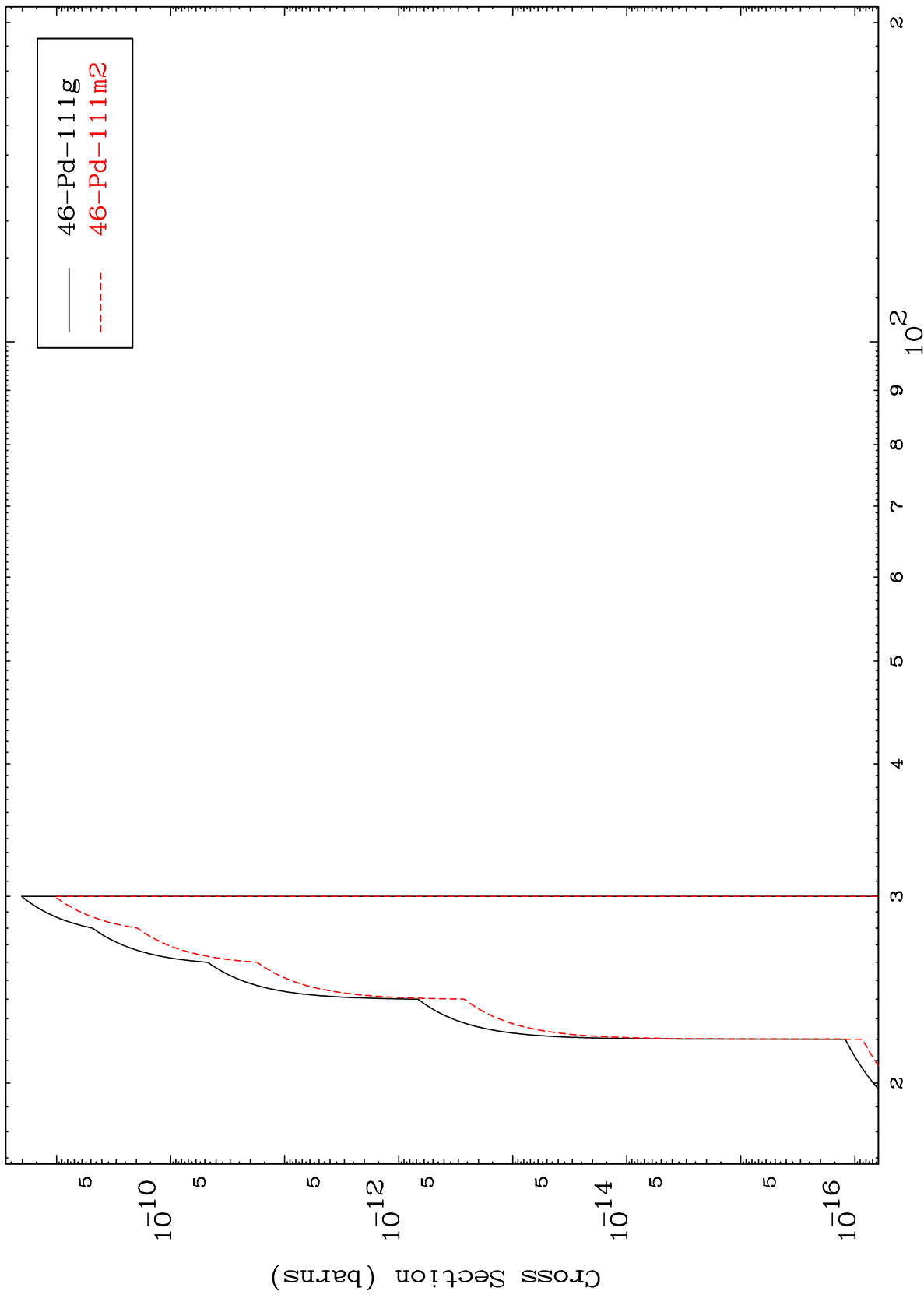
Incident Energy (MeV)

21

MAT 4847

48-Cd-113m

(n,2p)  
Radionuclide Production Cross Section



22

48-Cd-113m

Incident Energy (MeV)