

Program EVALPLOT  
(Version 2021-1)

by

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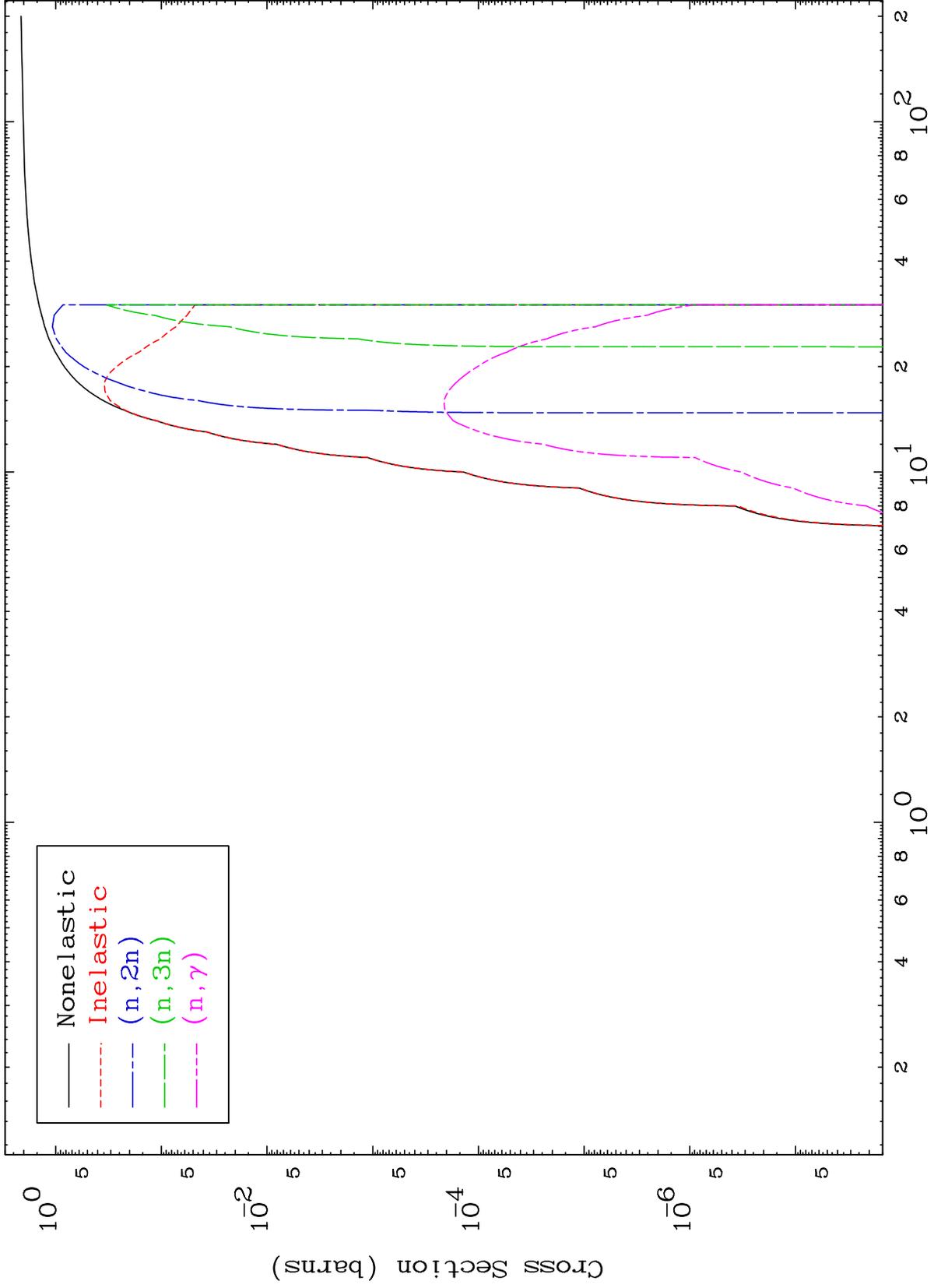
Press Mouse Button to Start

MAT 4841

$\alpha$  Major

48-Cd-111m

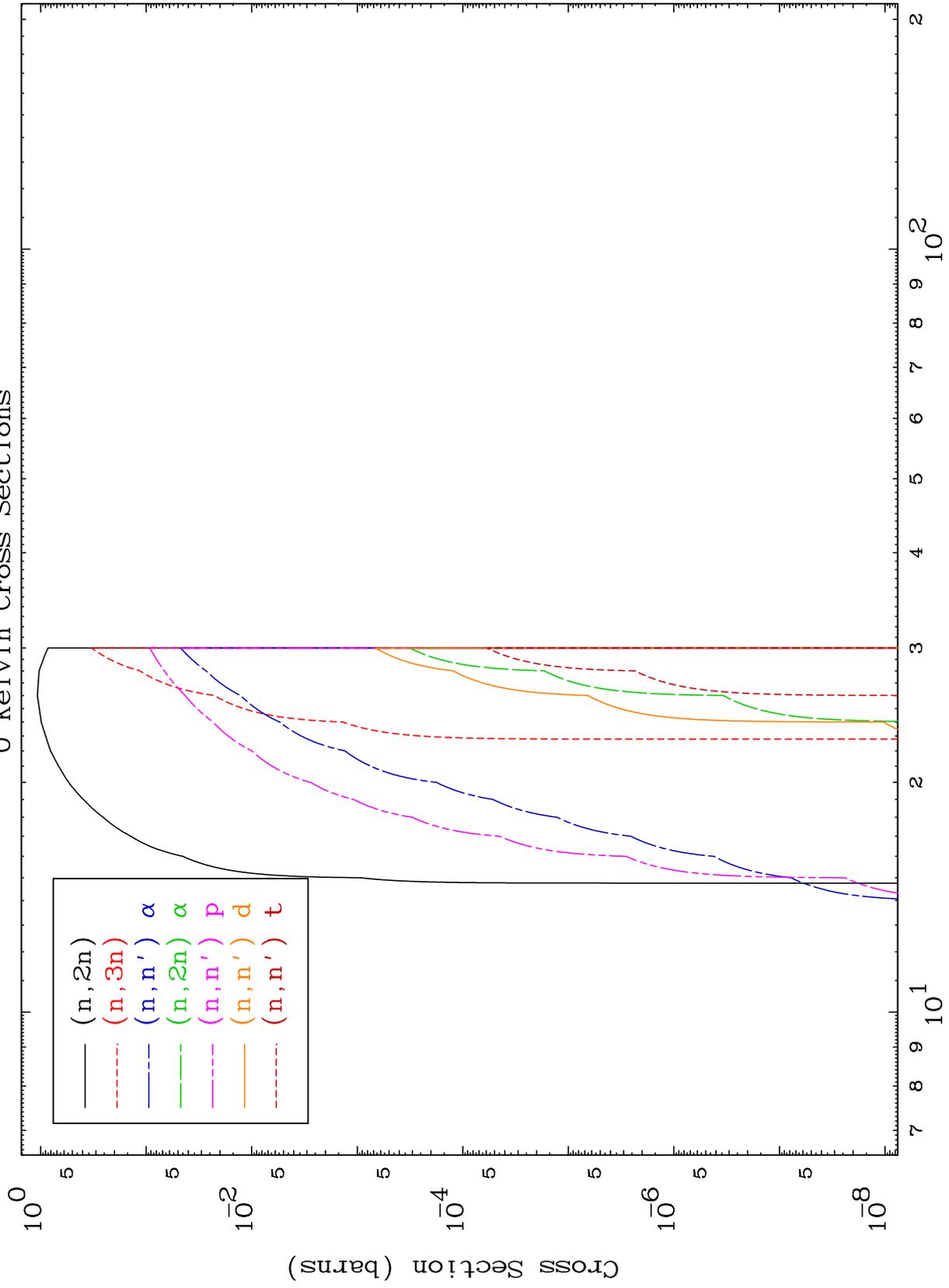
0 Kelvin Cross Sections



MAT 4841

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-111m



2

Incident Energy (MeV)

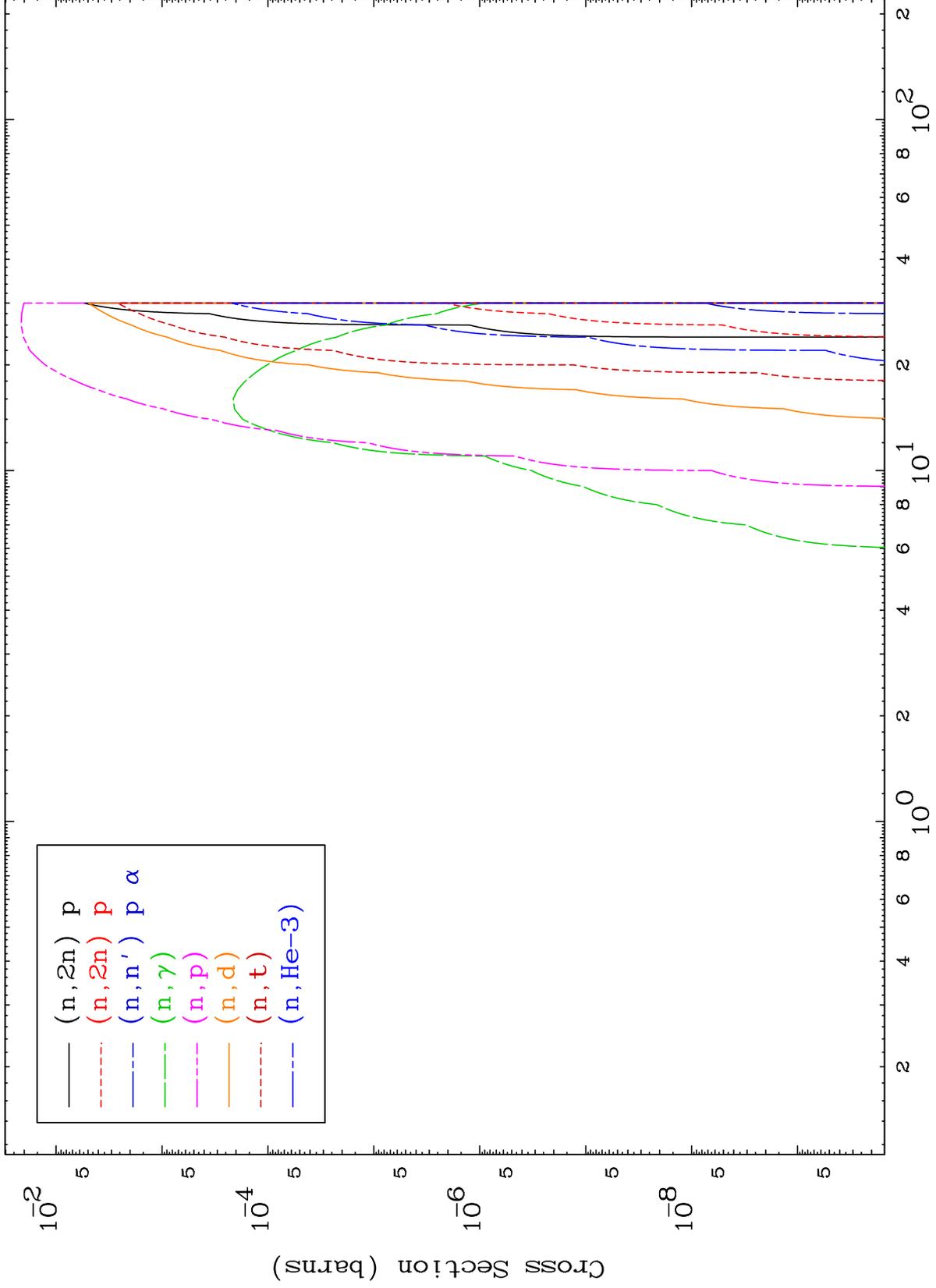
48-Cd-111m

MAT 4841

$\alpha$  Neutron Absorption

48-Cd-111m

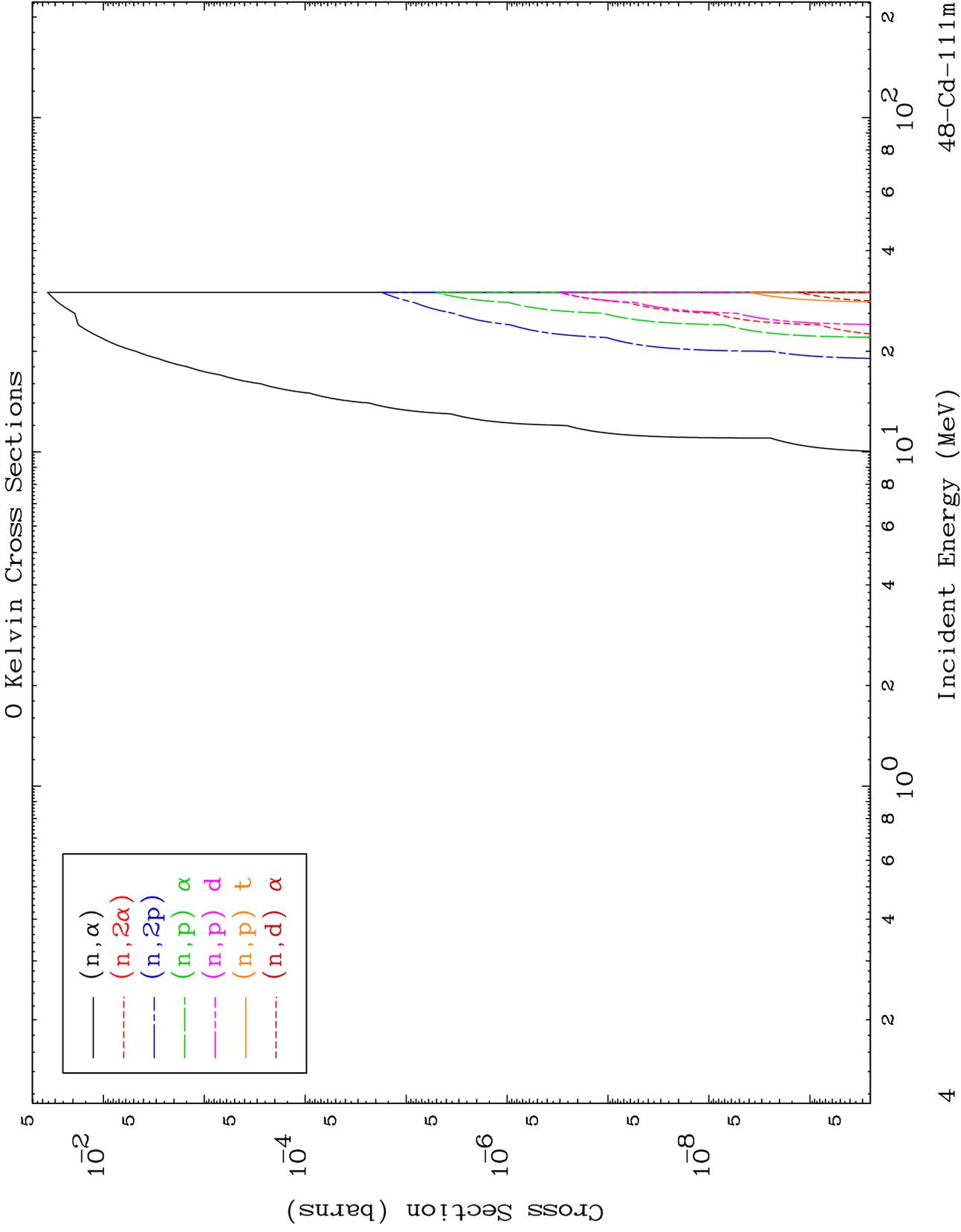
0 Kelvin Cross Sections

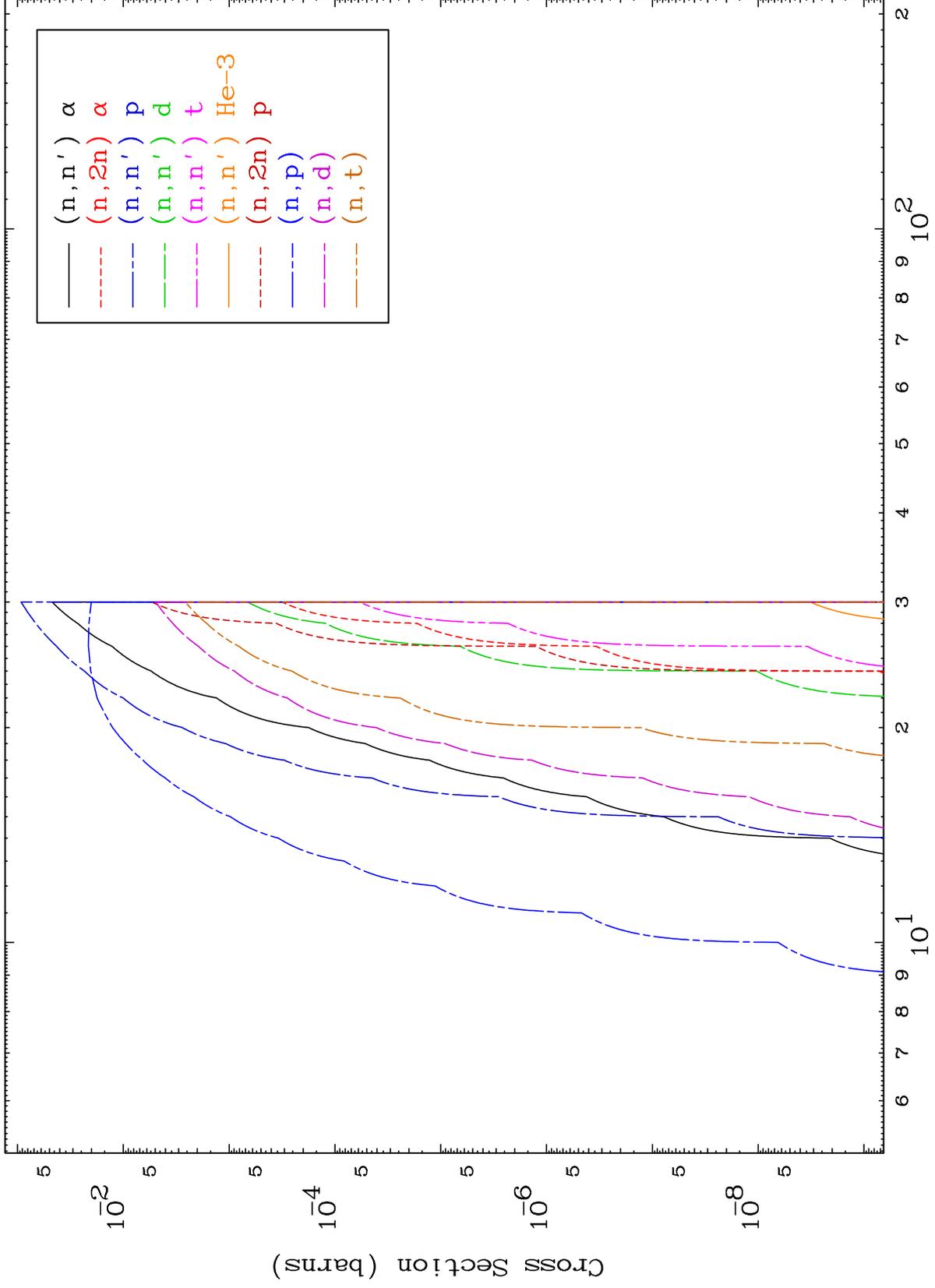


MAT 4841

$\alpha$  Neutron Absorption

48-Cd-111m

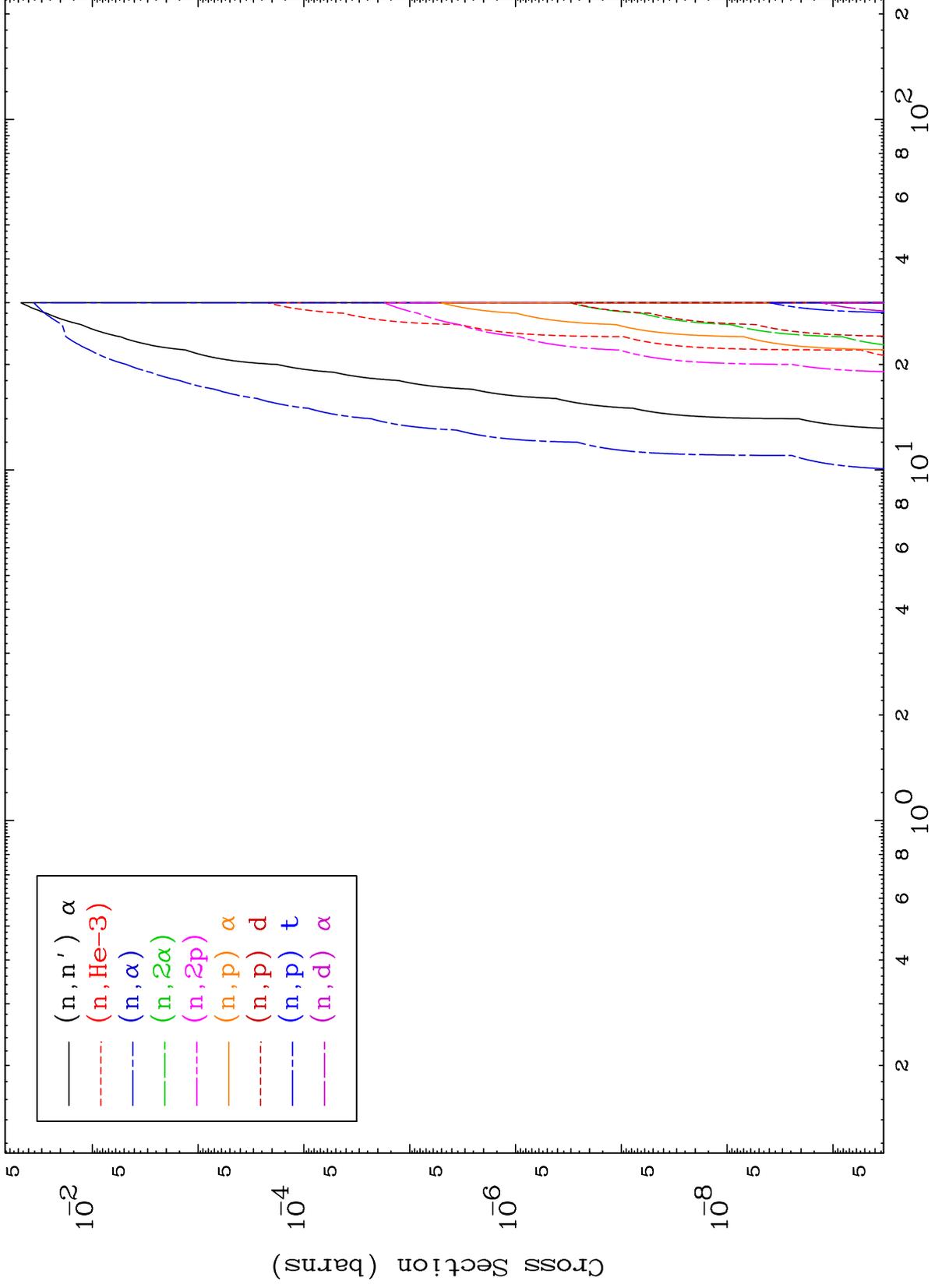




MAT 4841

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-111m



6

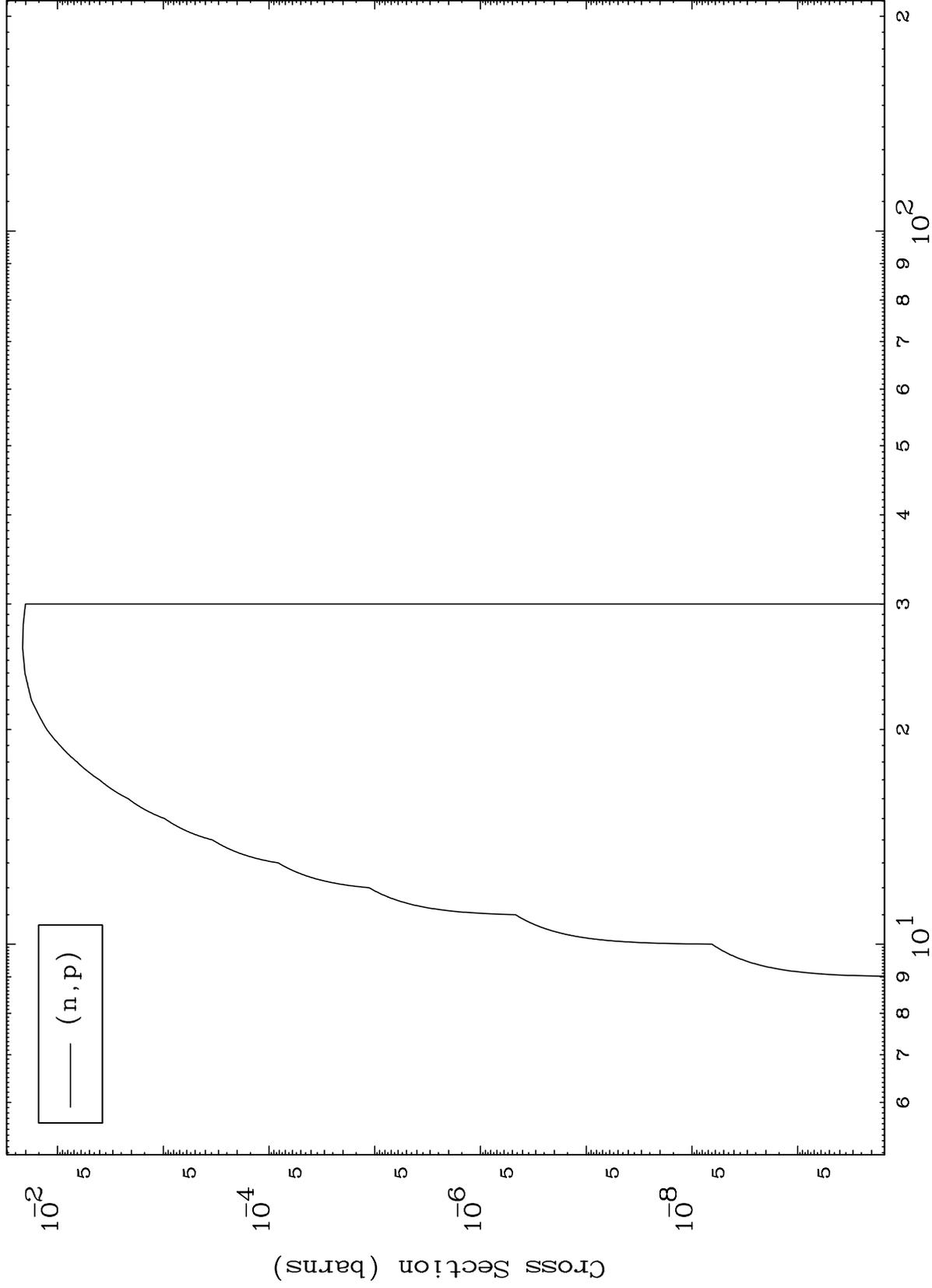
Incident Energy (MeV)

48-Cd-111m

MAT 4841

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

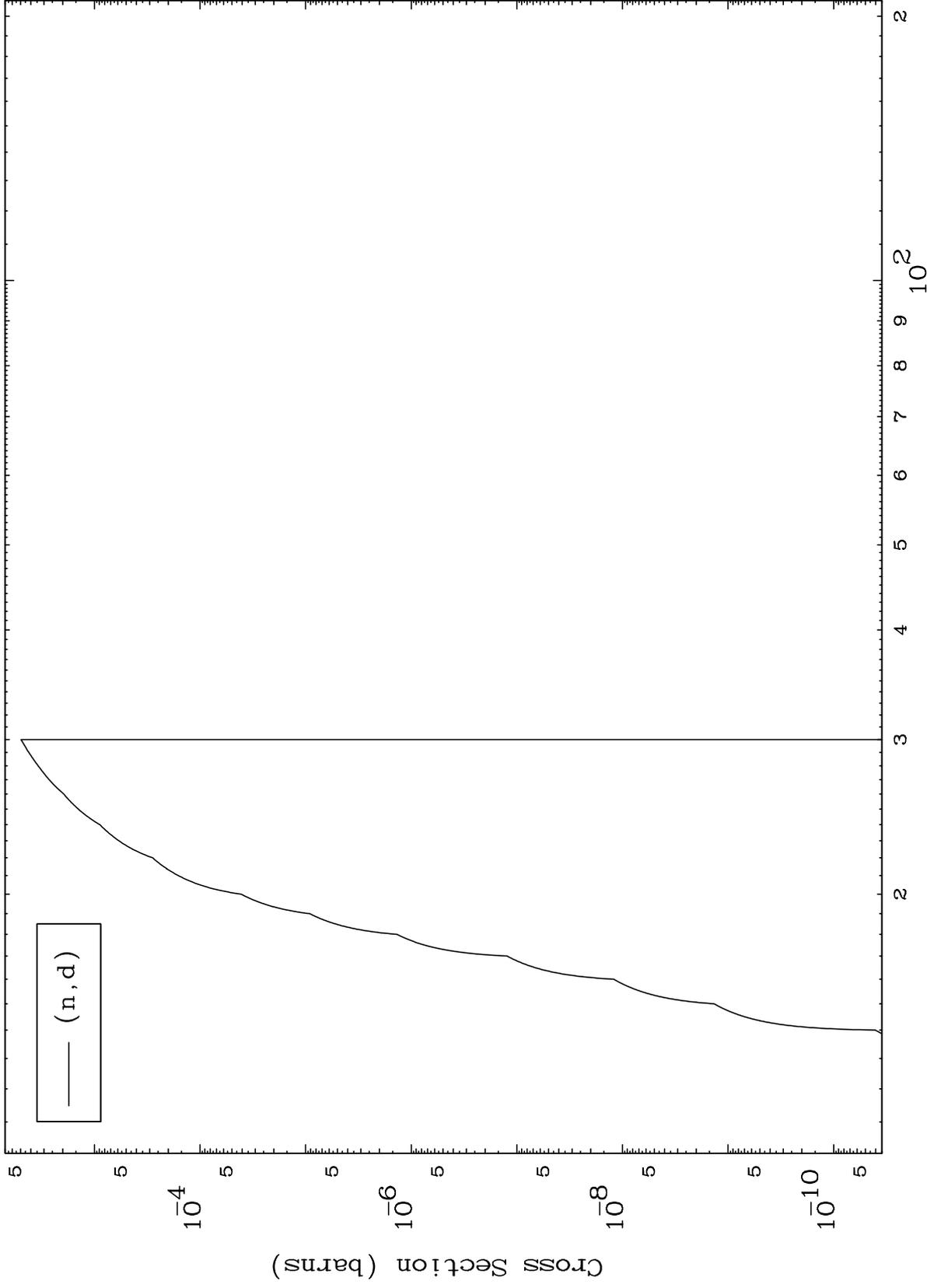
48-Cd-111m



MAT 4841

48-Cd-111m

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



8

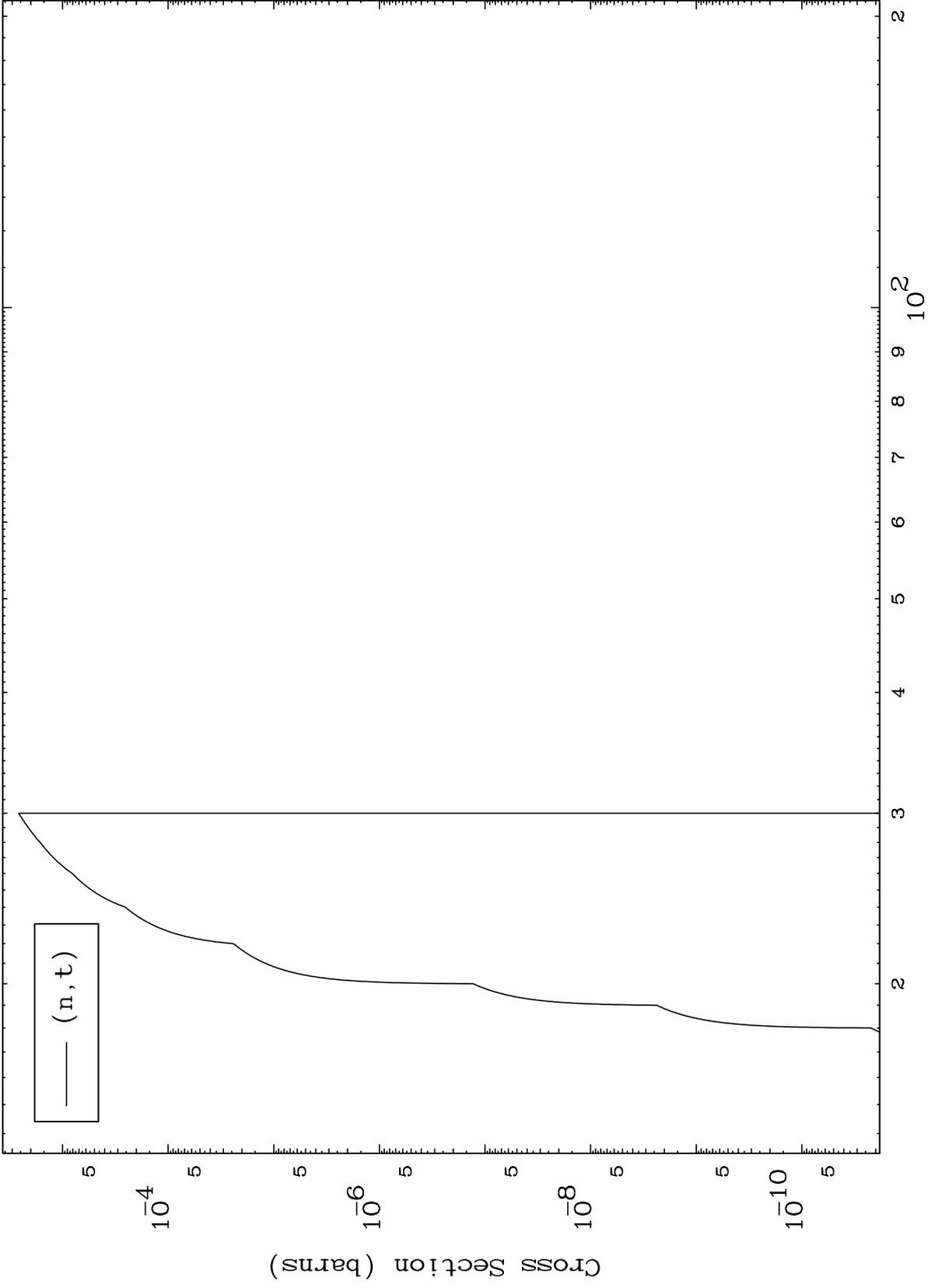
Incident Energy (MeV)

48-Cd-111m

MAT 4841

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

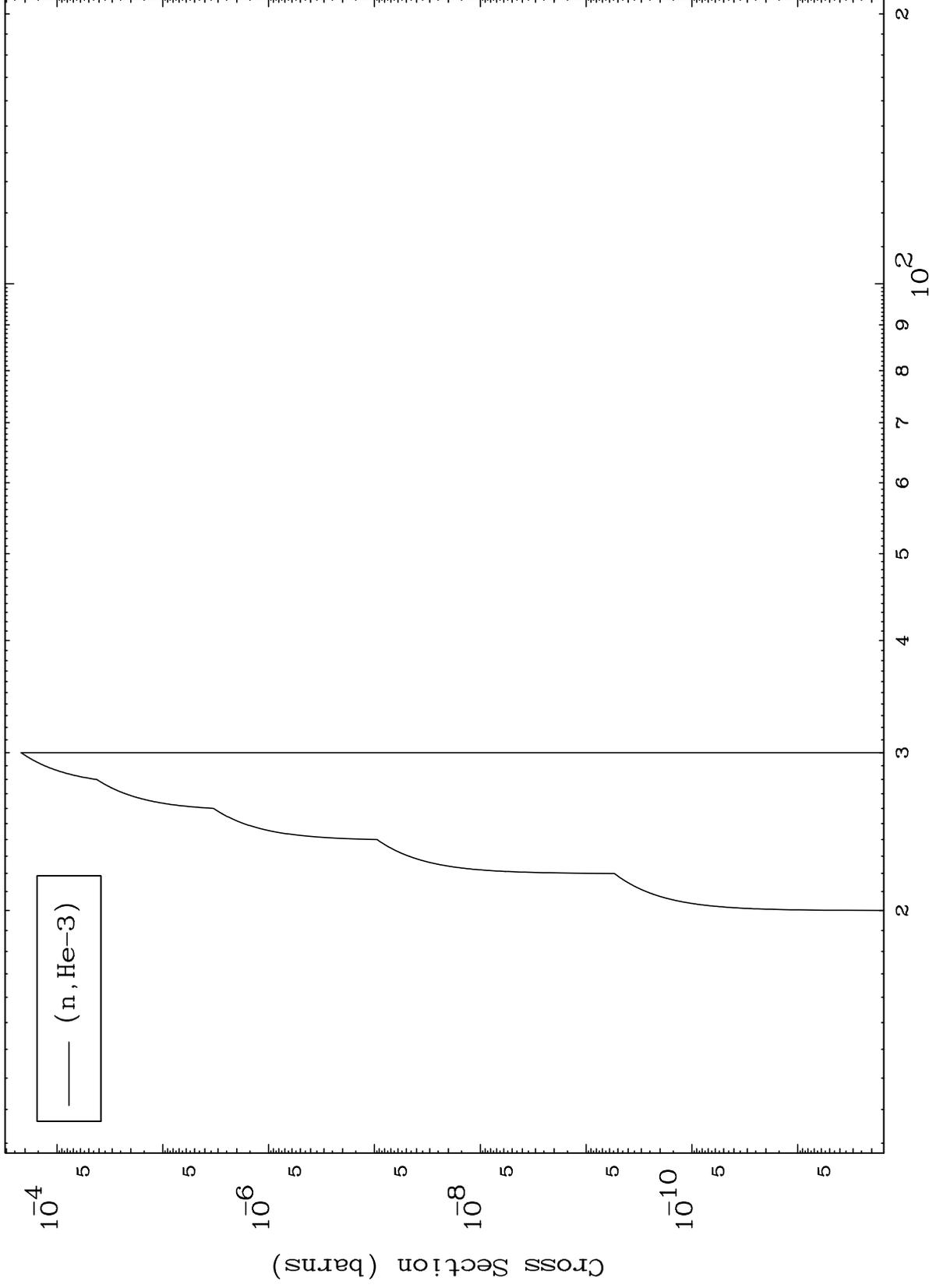
48-Cd-111m



MAT 4841

48-Cd-111m

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



10

Incident Energy (MeV)

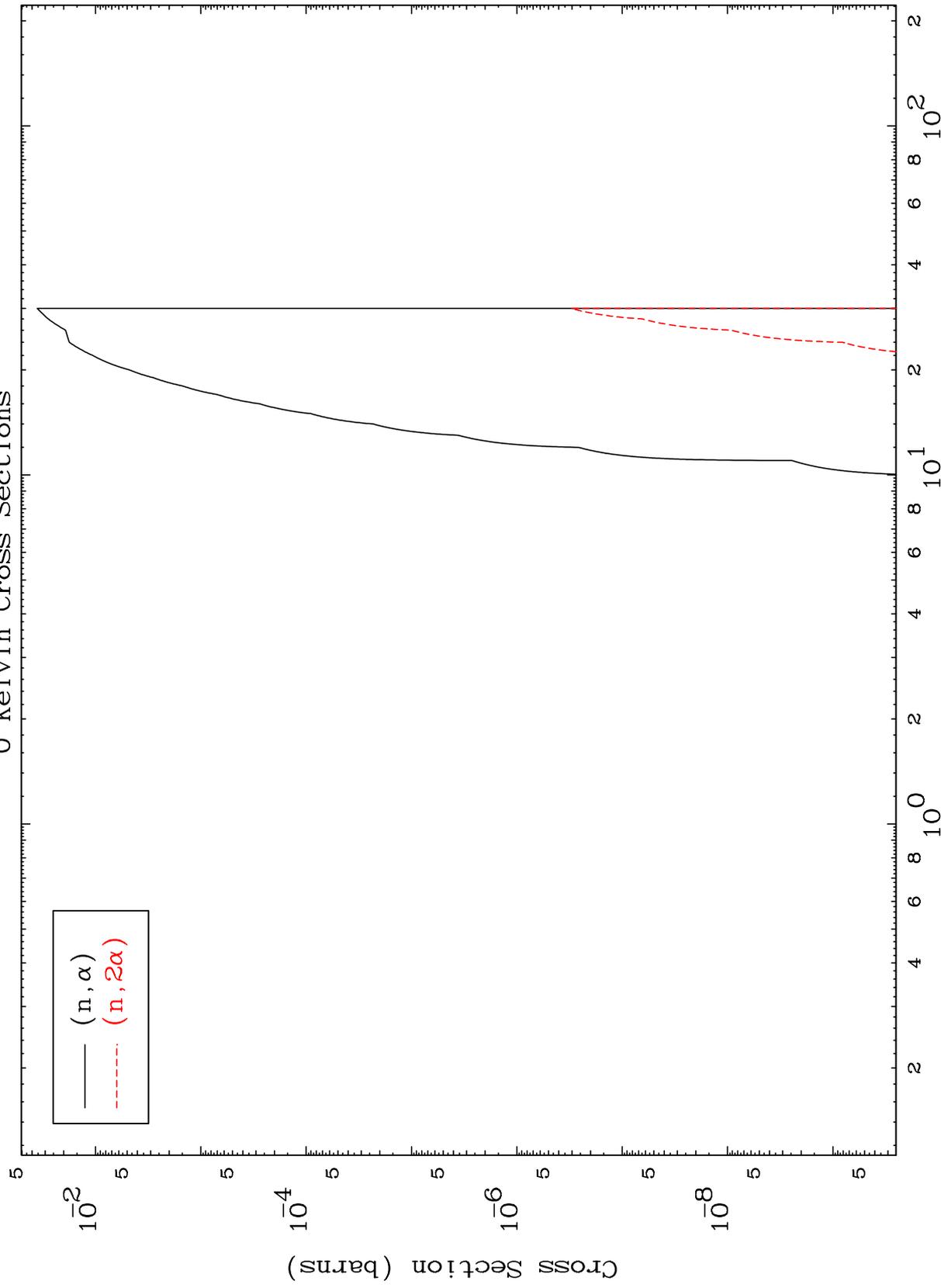
48-Cd-111m

MAT 4841

( $\alpha, \alpha$ ) Levels

48-Cd-111m

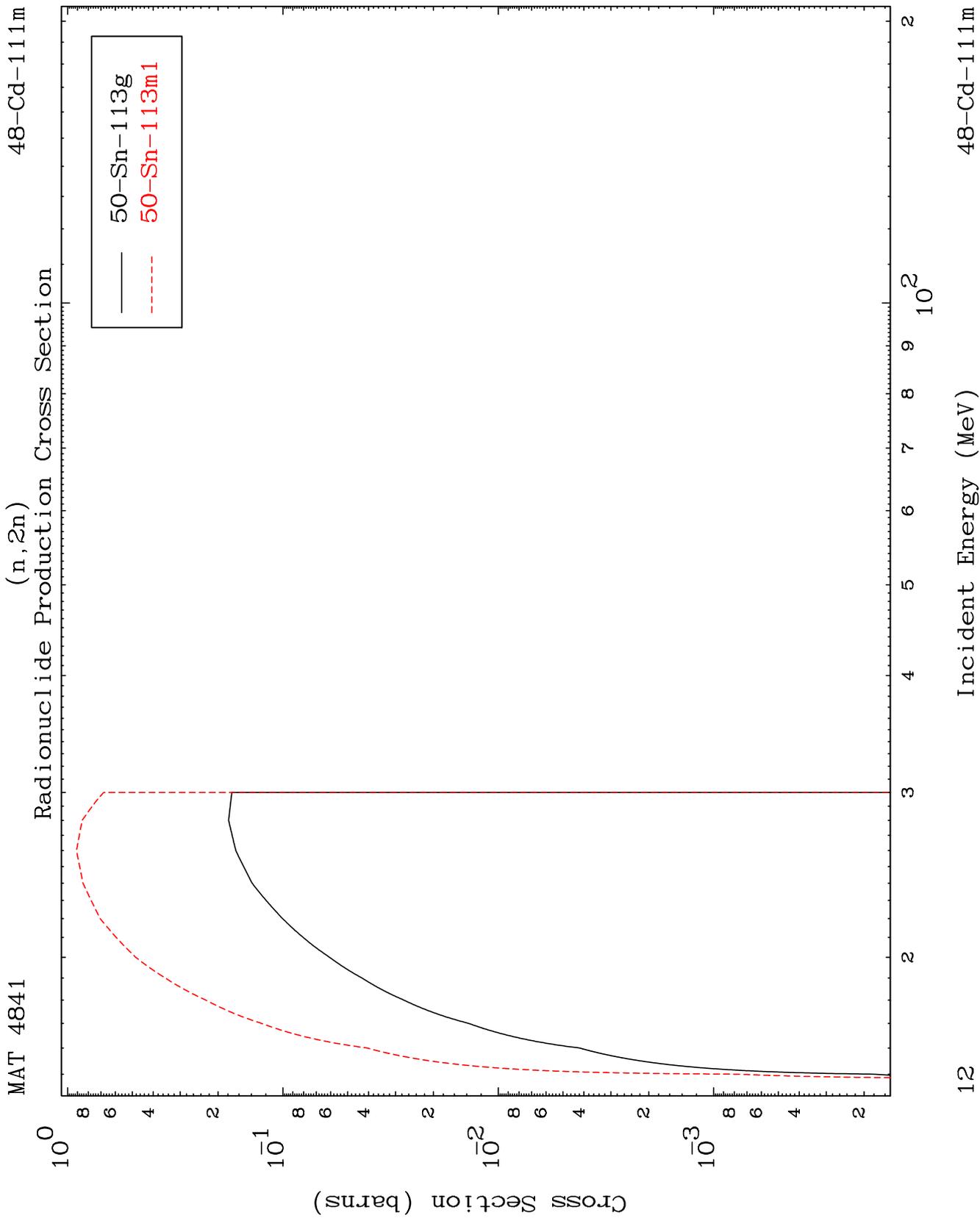
0 Kelvin Cross Sections



11

Incident Energy (MeV)

48-Cd-111m

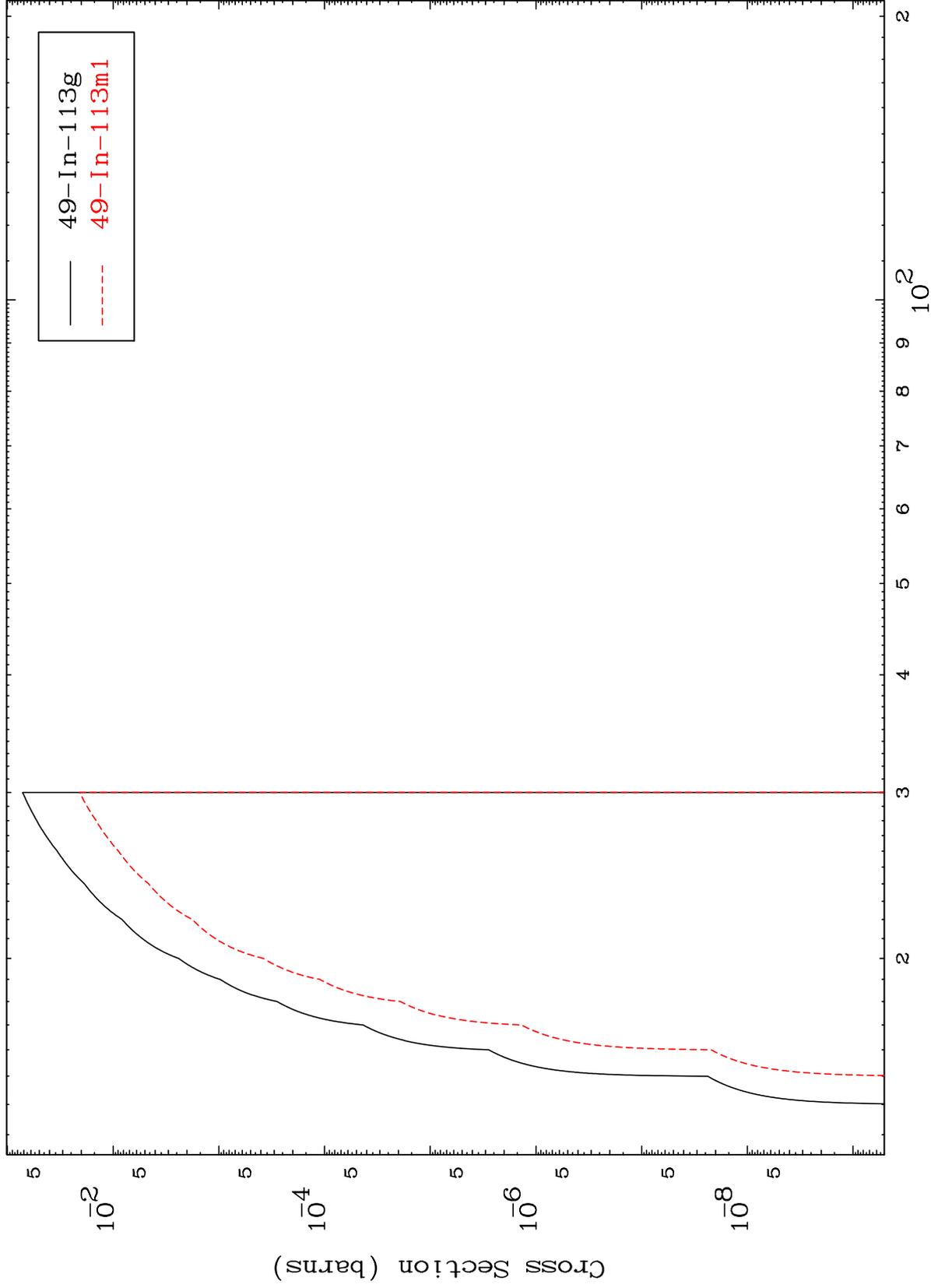


MAT 4841

(n,n') p

48-Cd-111m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

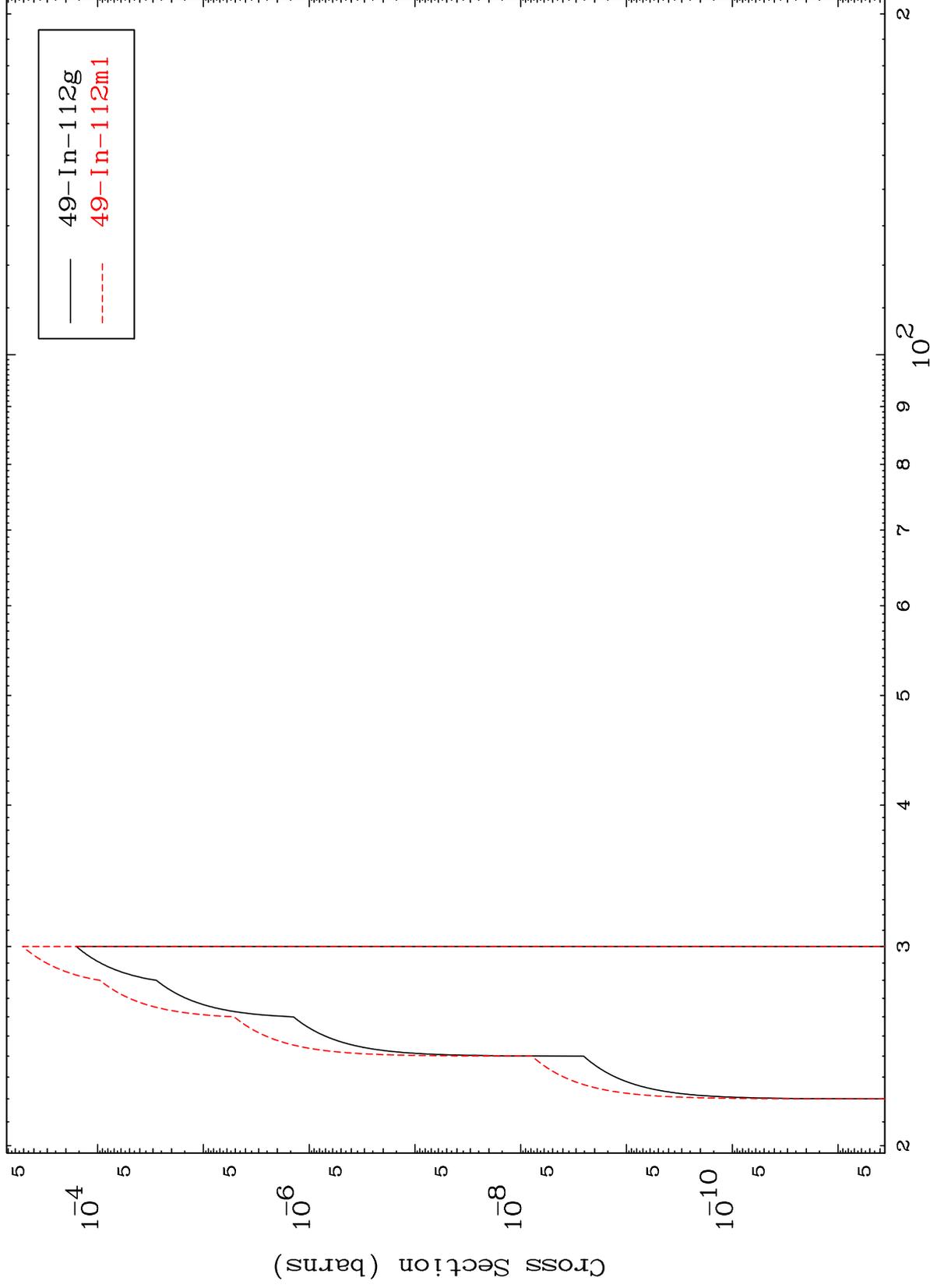
48-Cd-111m

MAT 4841

(n,n') d

48-Cd-111m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

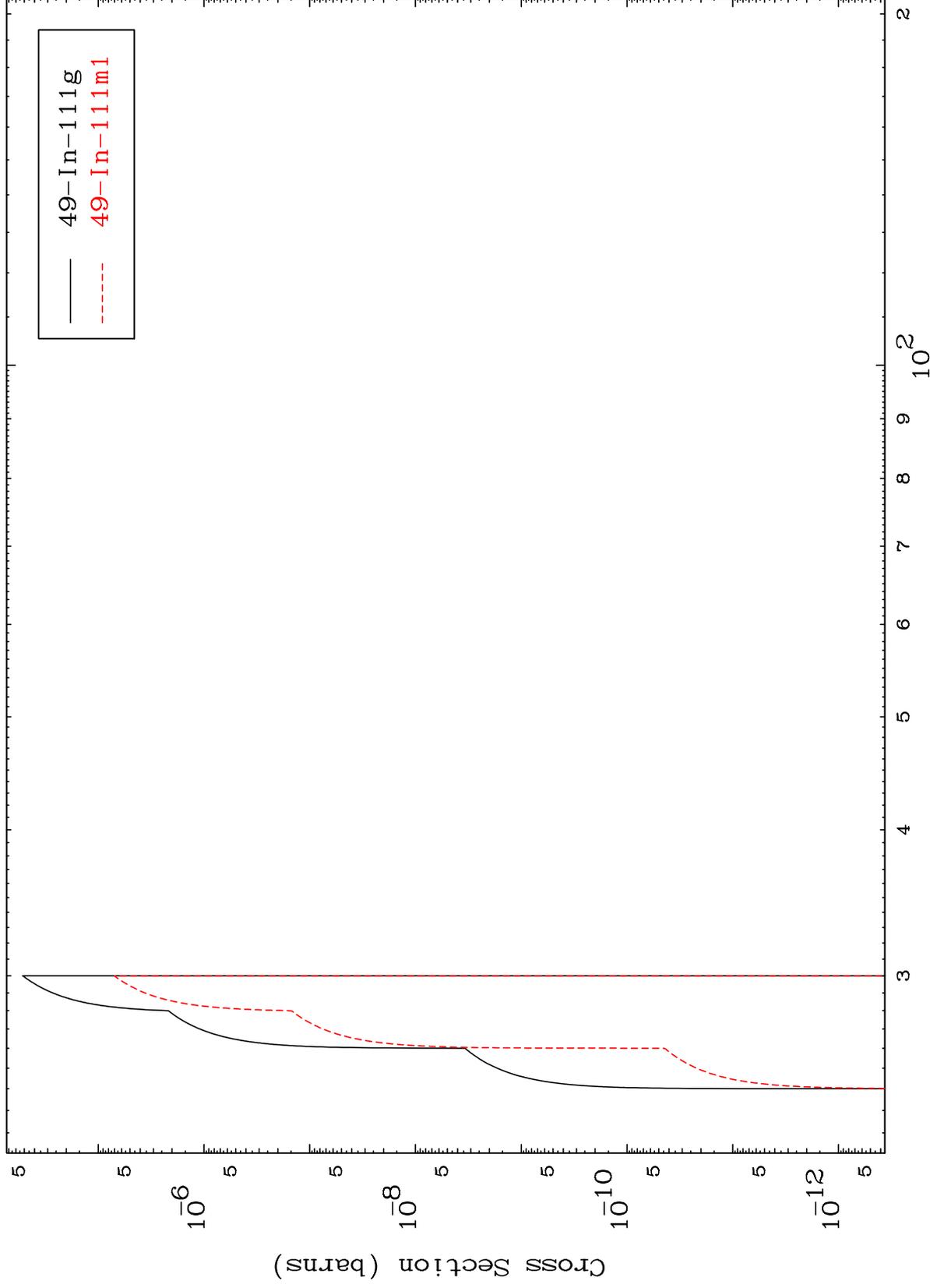
48-Cd-111m

MAT 4841

(n,n') t

48-Cd-111m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

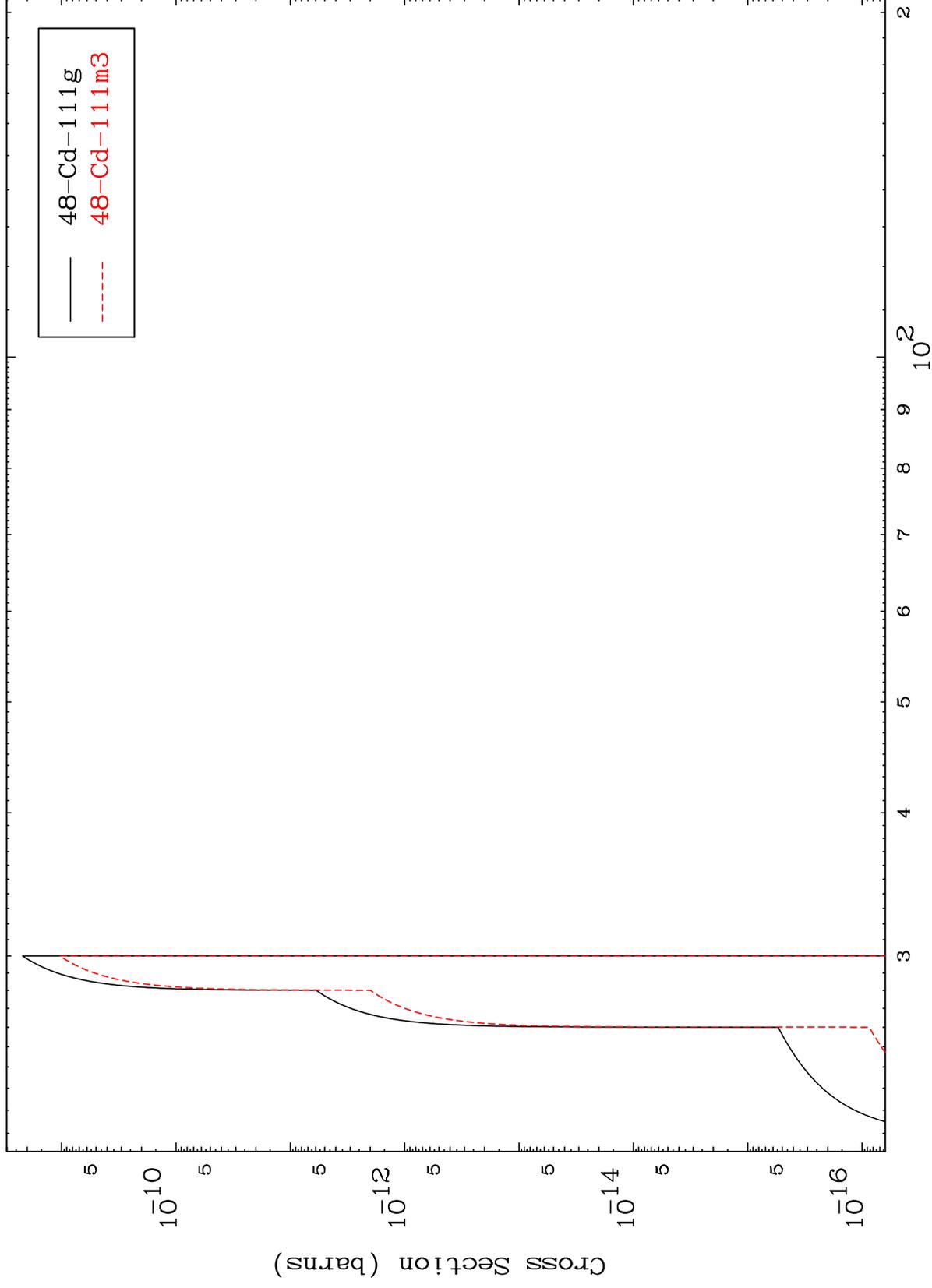
48-Cd-111m

MAT 4841

(n,n') He-3

48-Cd-111m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

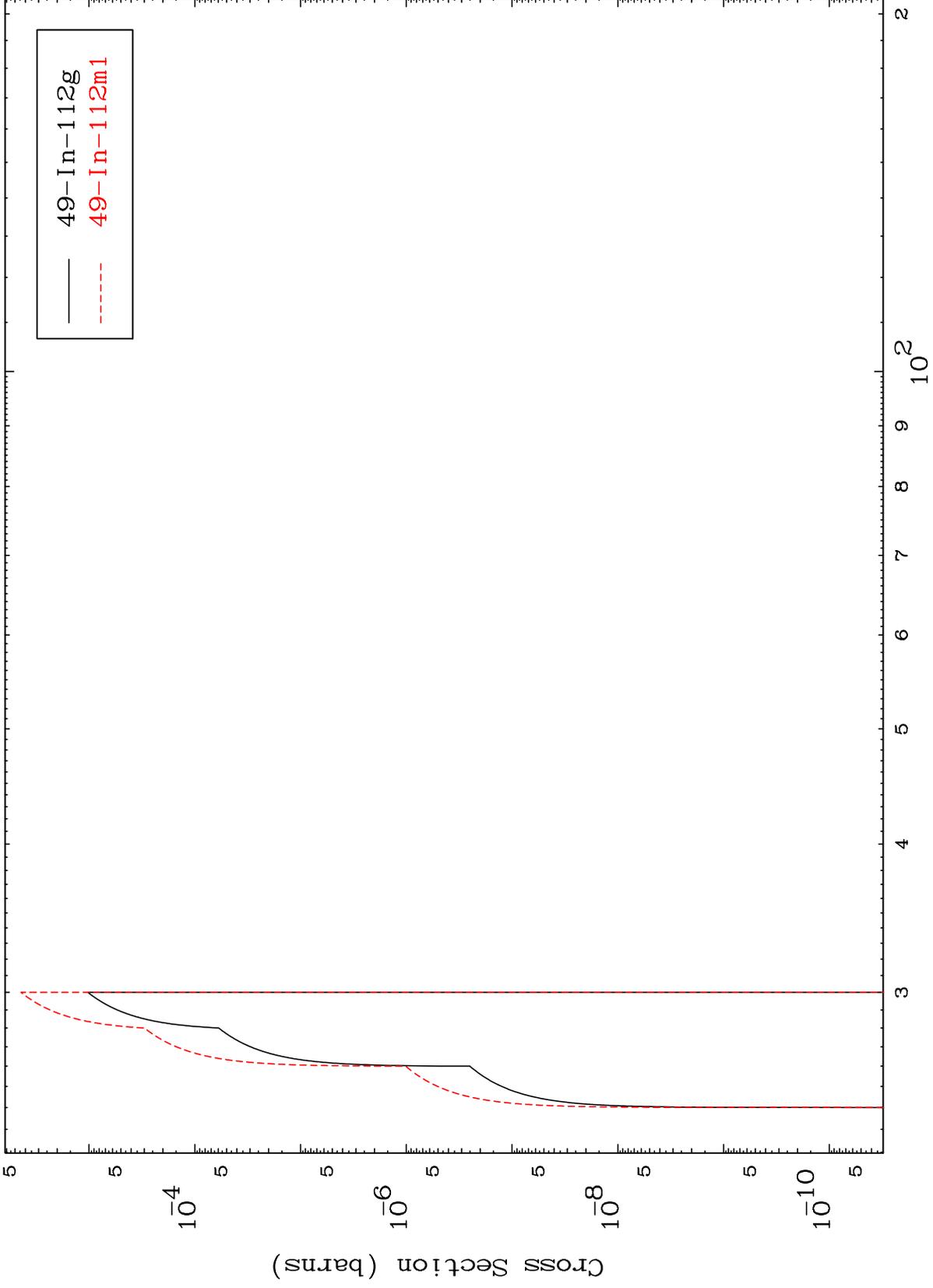
48-Cd-111m

MAT 4841

(n,2n) p

48-Cd-111m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

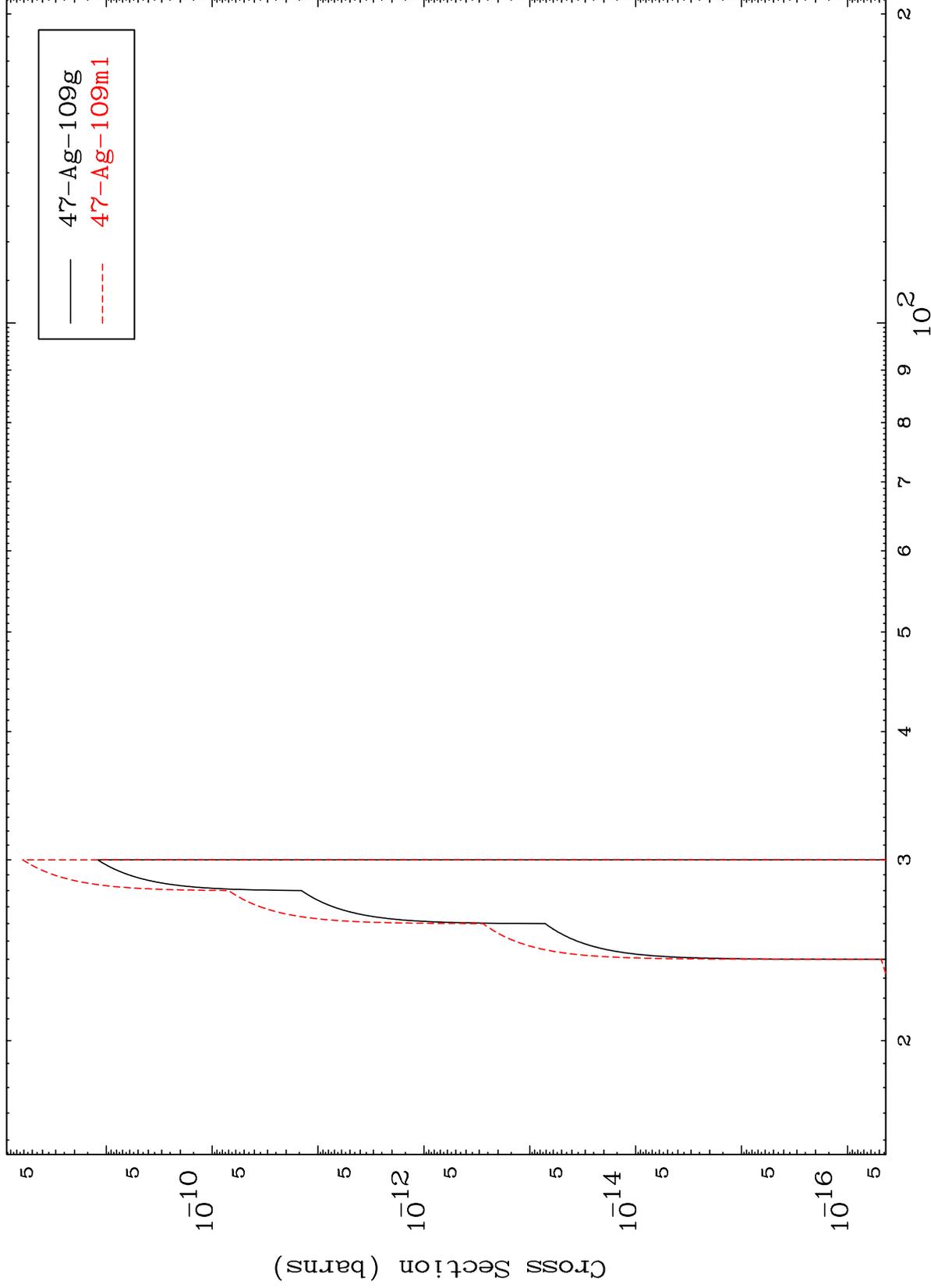
48-Cd-111m

MAT 4841

(n,n') p  $\alpha$

48-Cd-111m

Radionuclide Production Cross Section



18

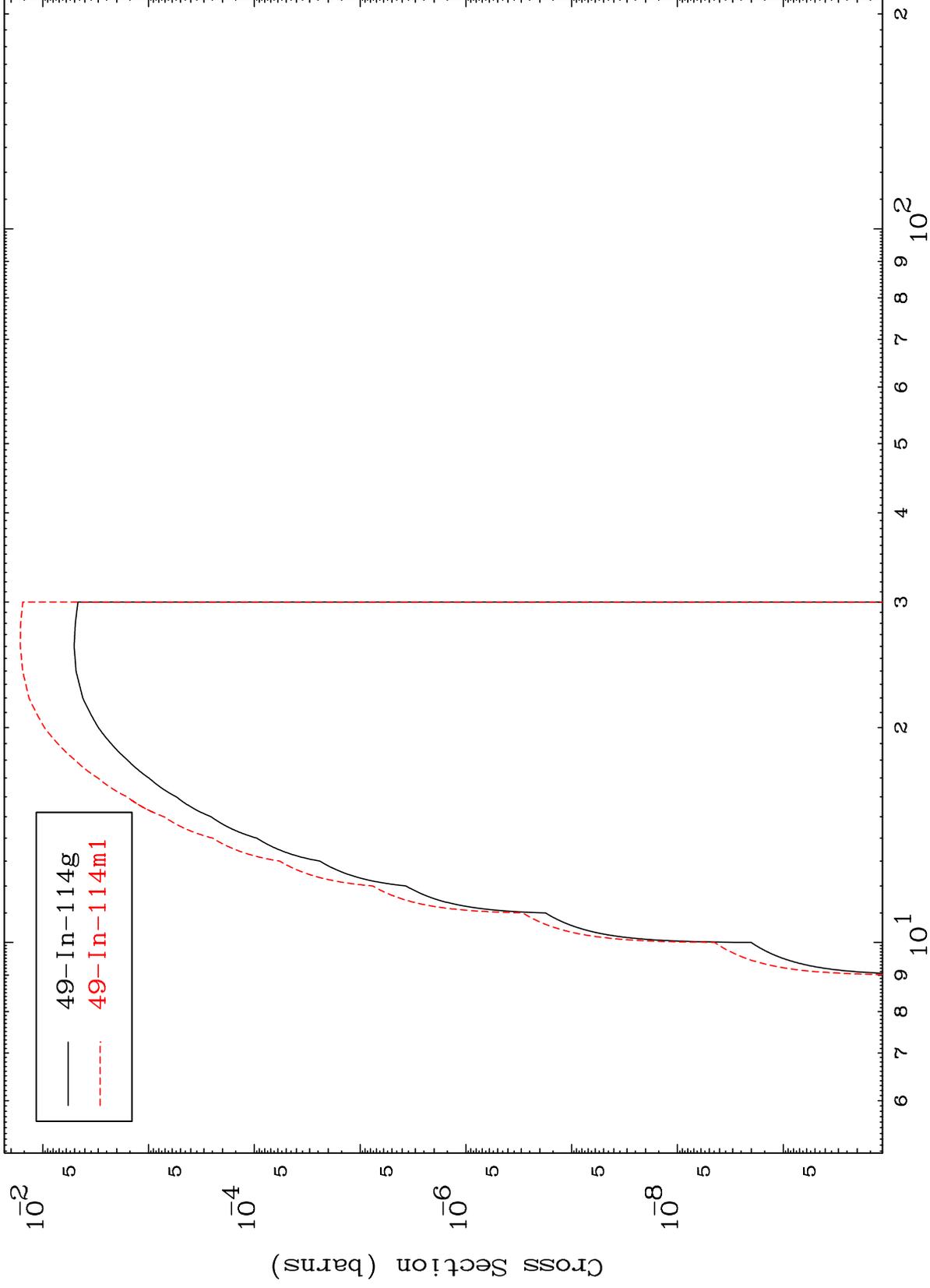
Incident Energy (MeV)

48-Cd-111m

MAT 4841

48-Cd-111m

(n,p)  
Radionuclide Production Cross Section



19

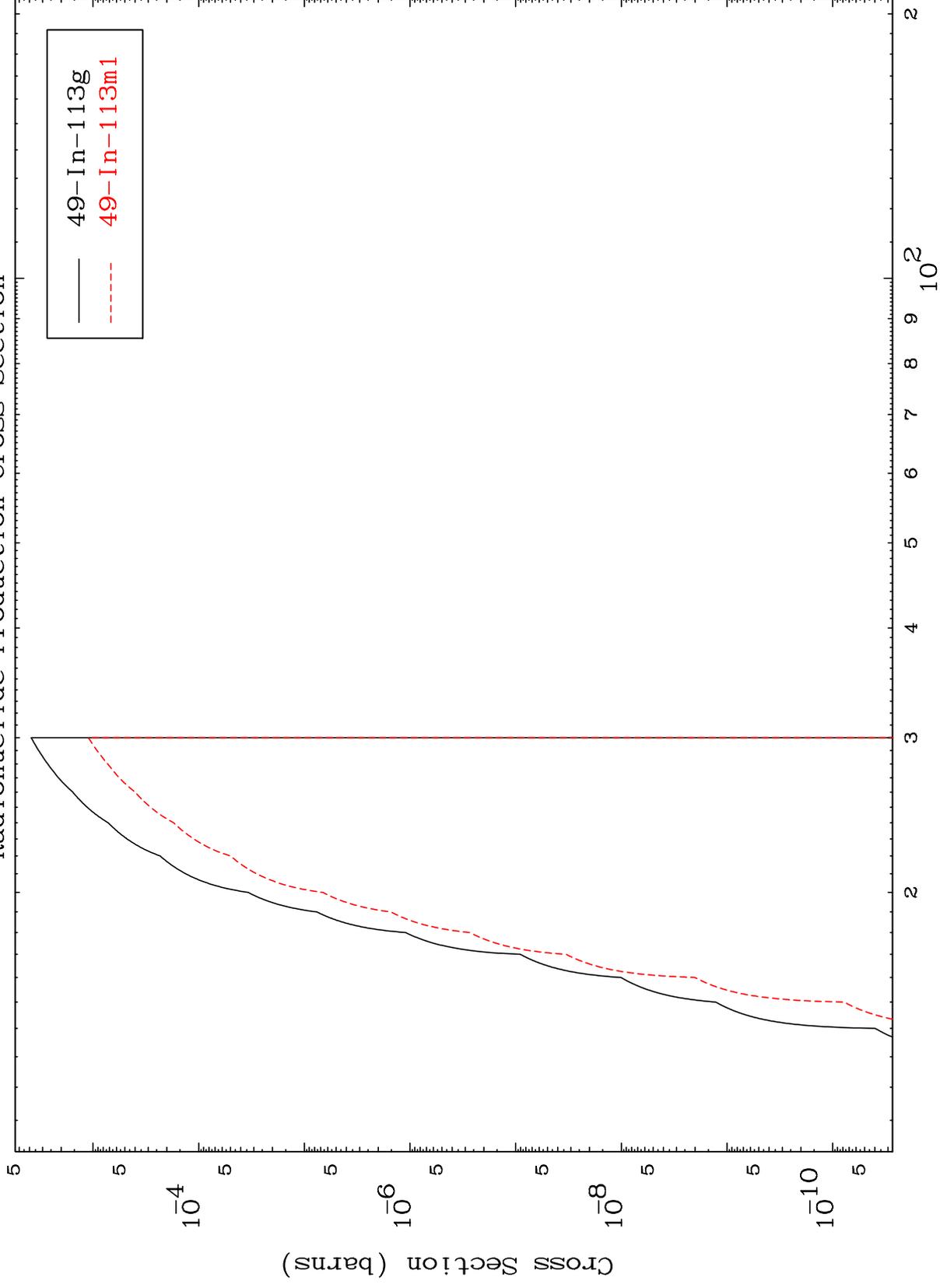
Incident Energy (MeV)

48-Cd-111m

MAT 4841

48-Cd-111m

(n,d)  
Radionuclide Production Cross Section



20

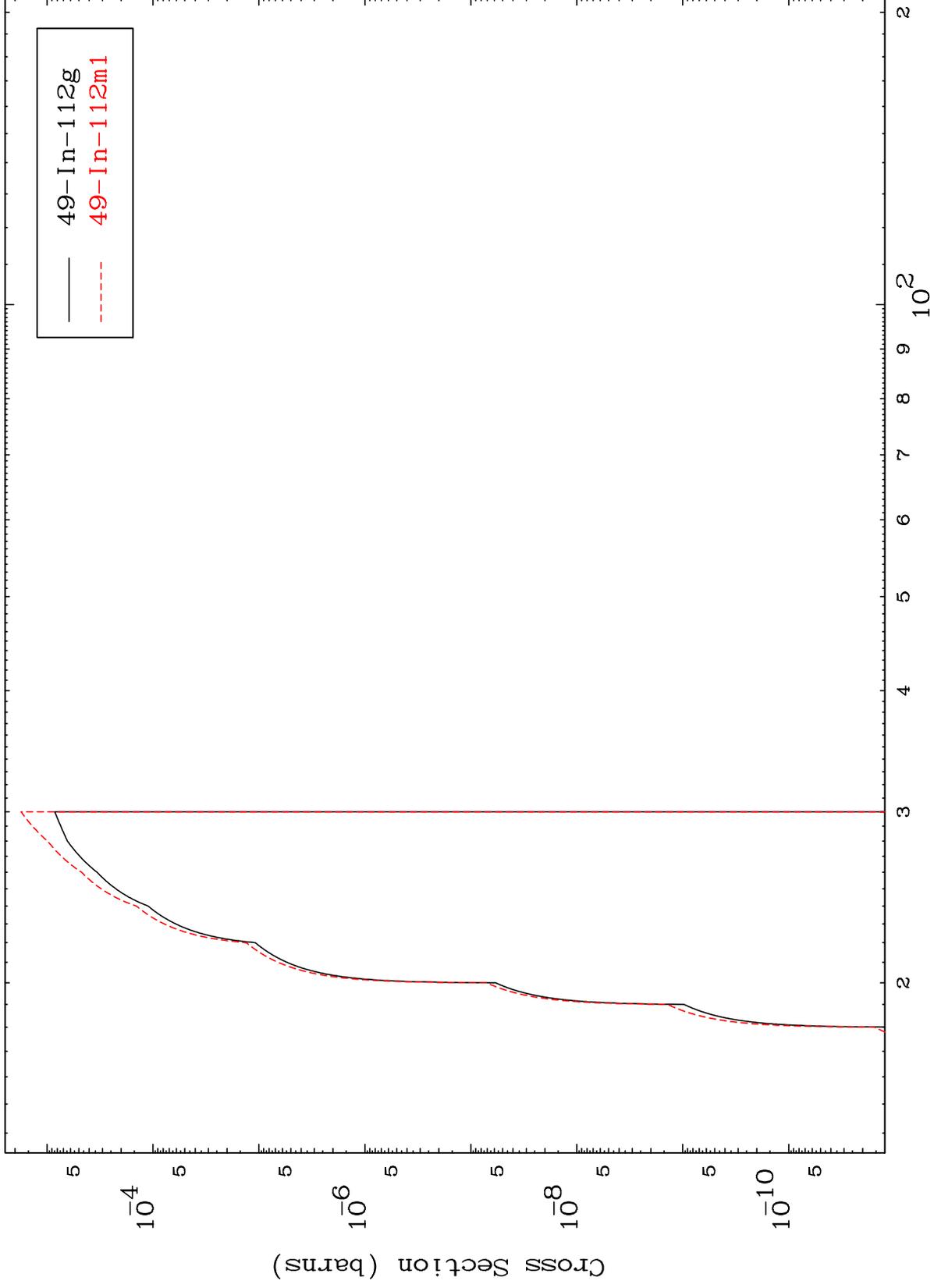
Incident Energy (MeV)

48-Cd-111m

MAT 4841

48-Cd-111m

(n,t)  
Radionuclide Production Cross Section



21

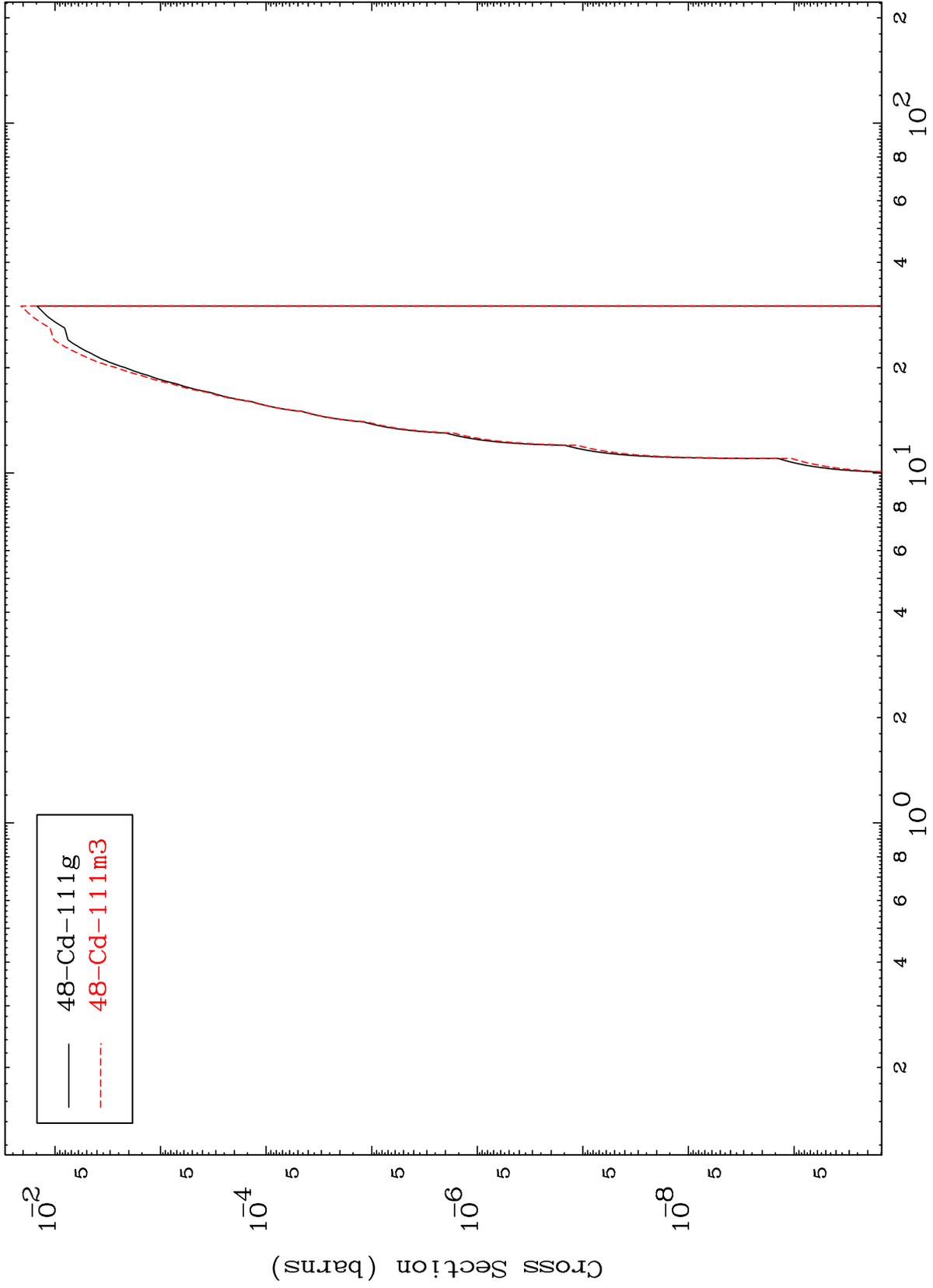
48-Cd-111m

Incident Energy (MeV)

MAT 4841

48-Cd-111m

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



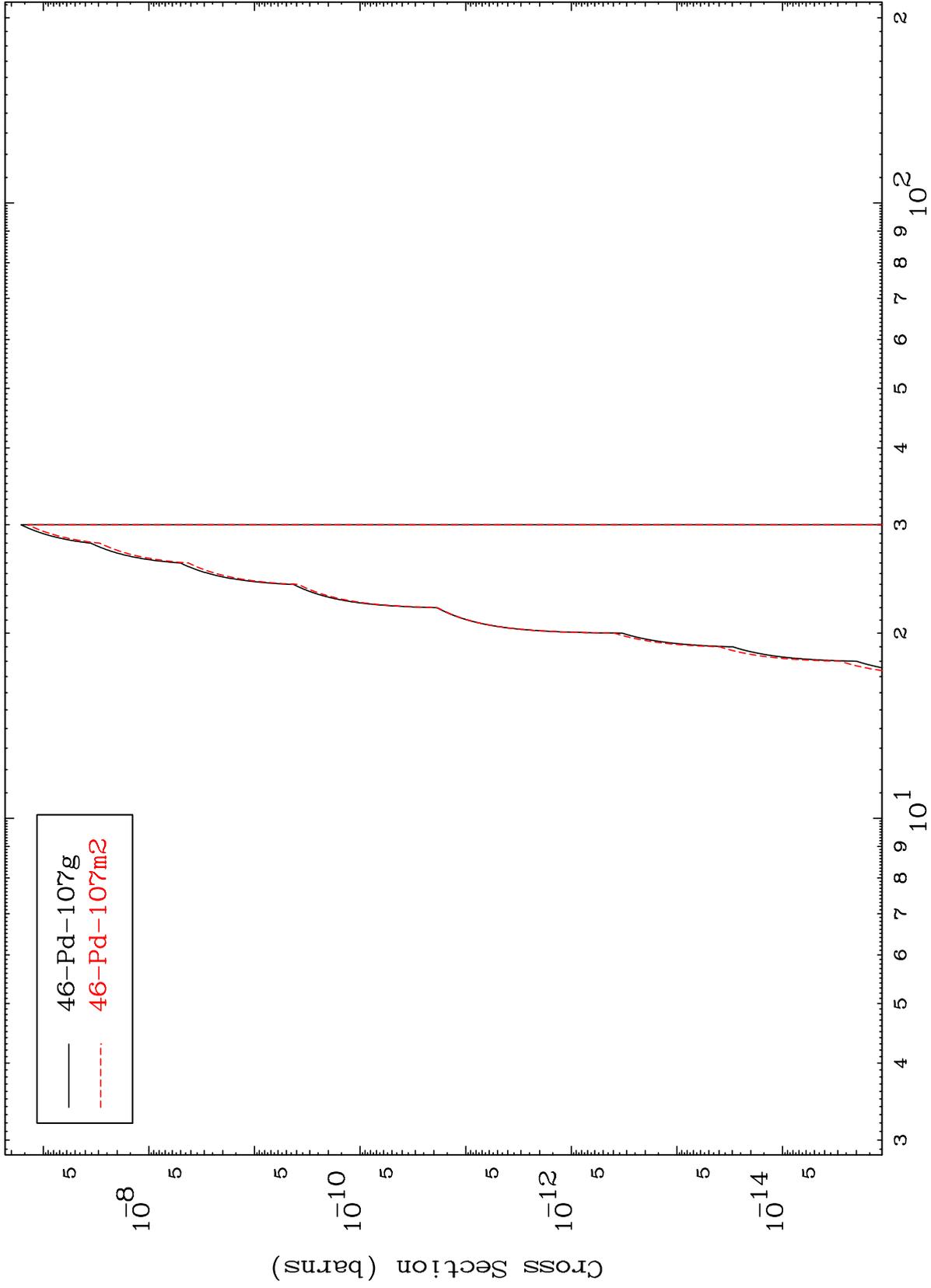
48-Cd-111m

Incident Energy (MeV)

MAT 4841

48-Cd-111m

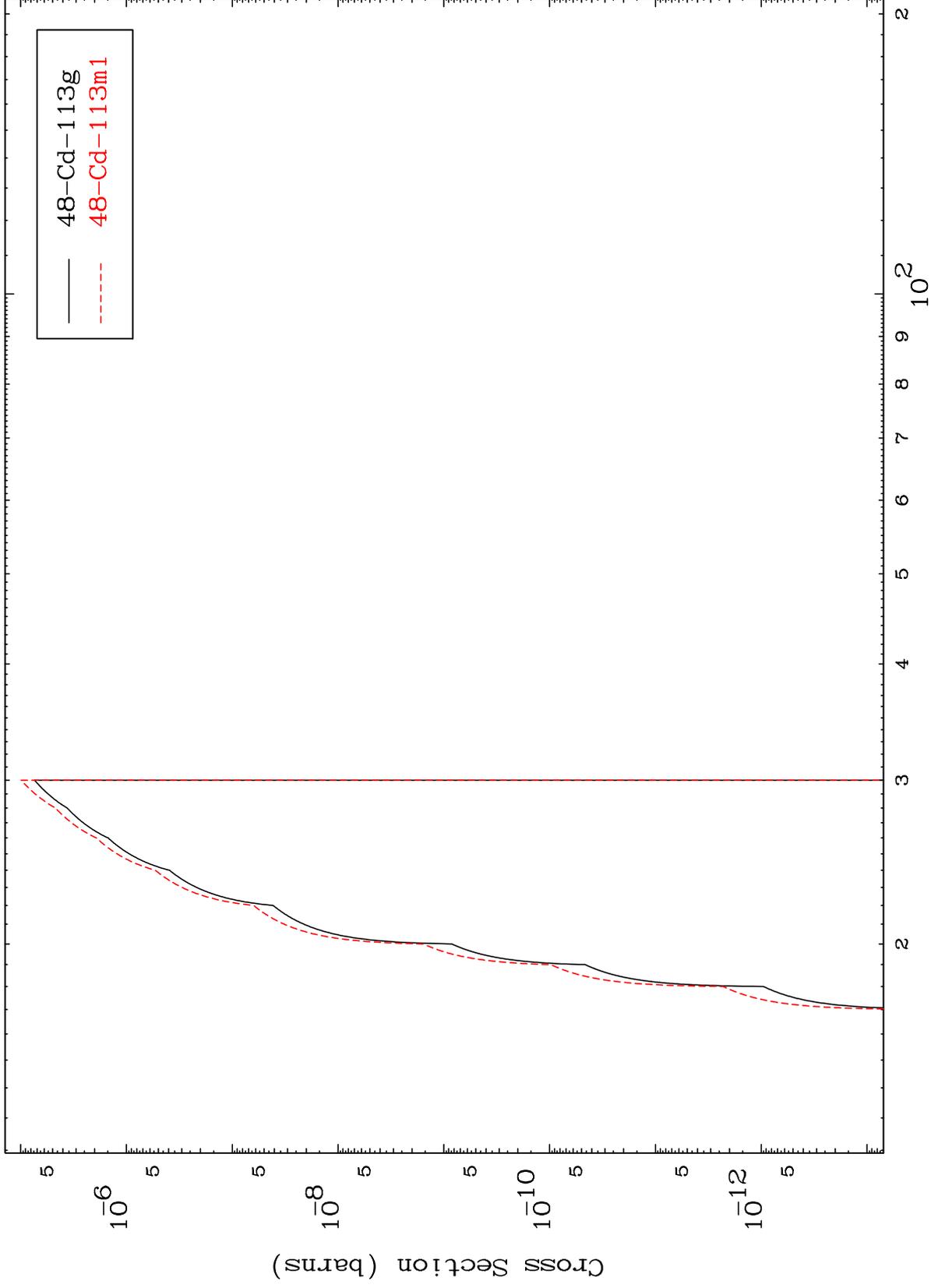
(n,2α)  
Radionuclide Production Cross Section



MAT 4841

48-Cd-111m

(n,2p)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

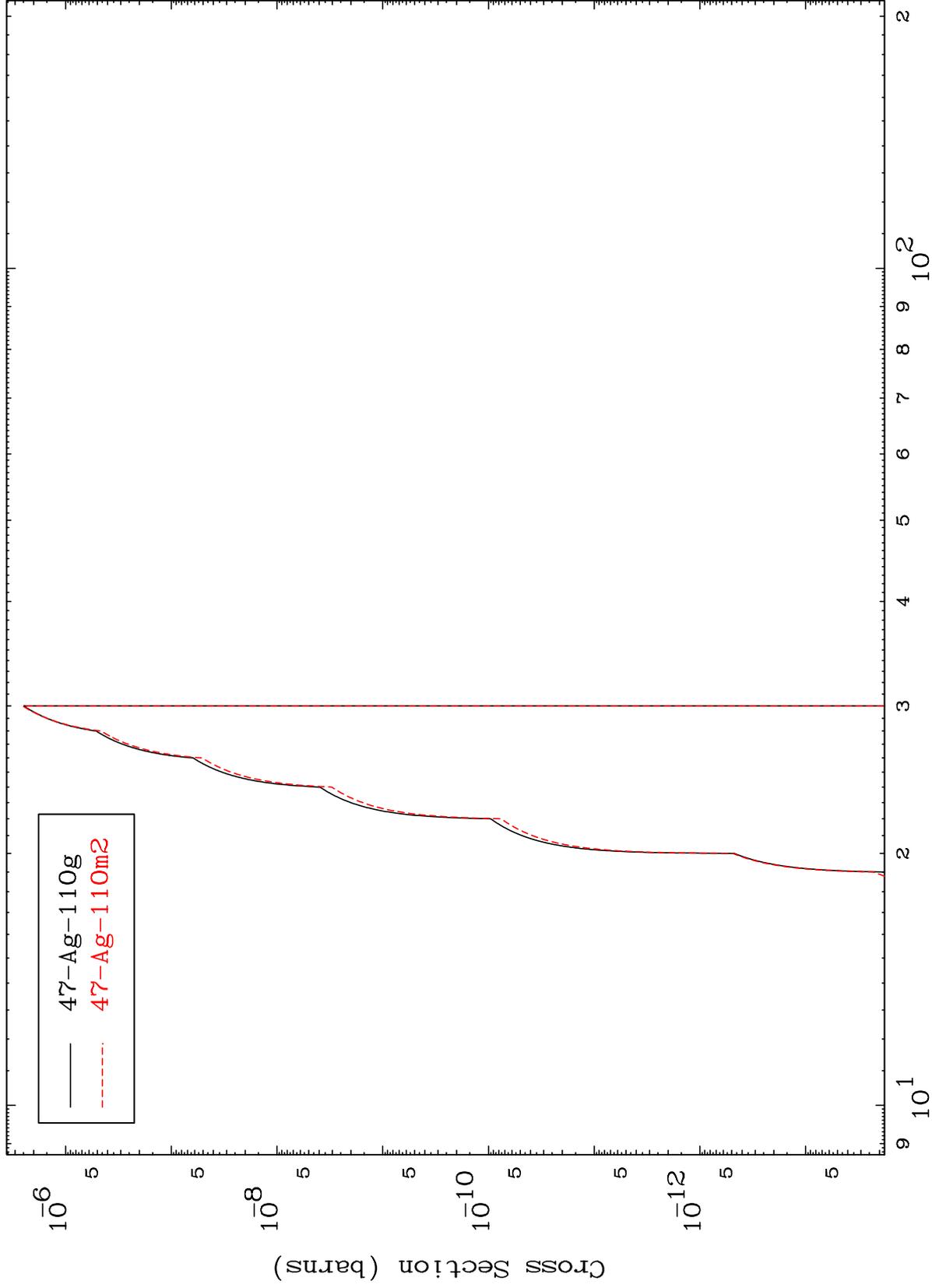
48-Cd-111m

MAT 4841

(n,p)  $\alpha$

48-Cd-111m

Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-111m

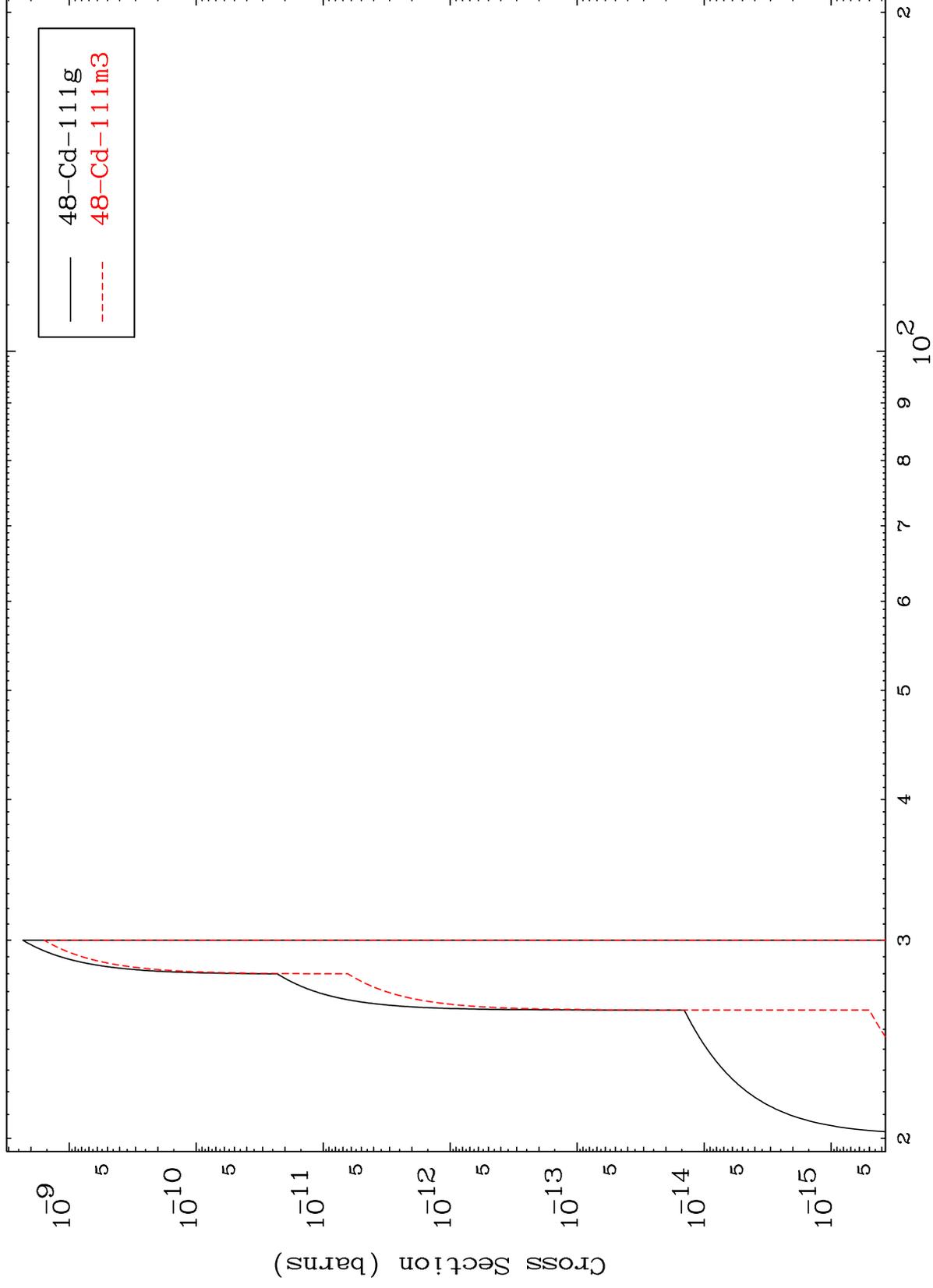
25

MAT 4841

(n,p) t

48-Cd-111m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

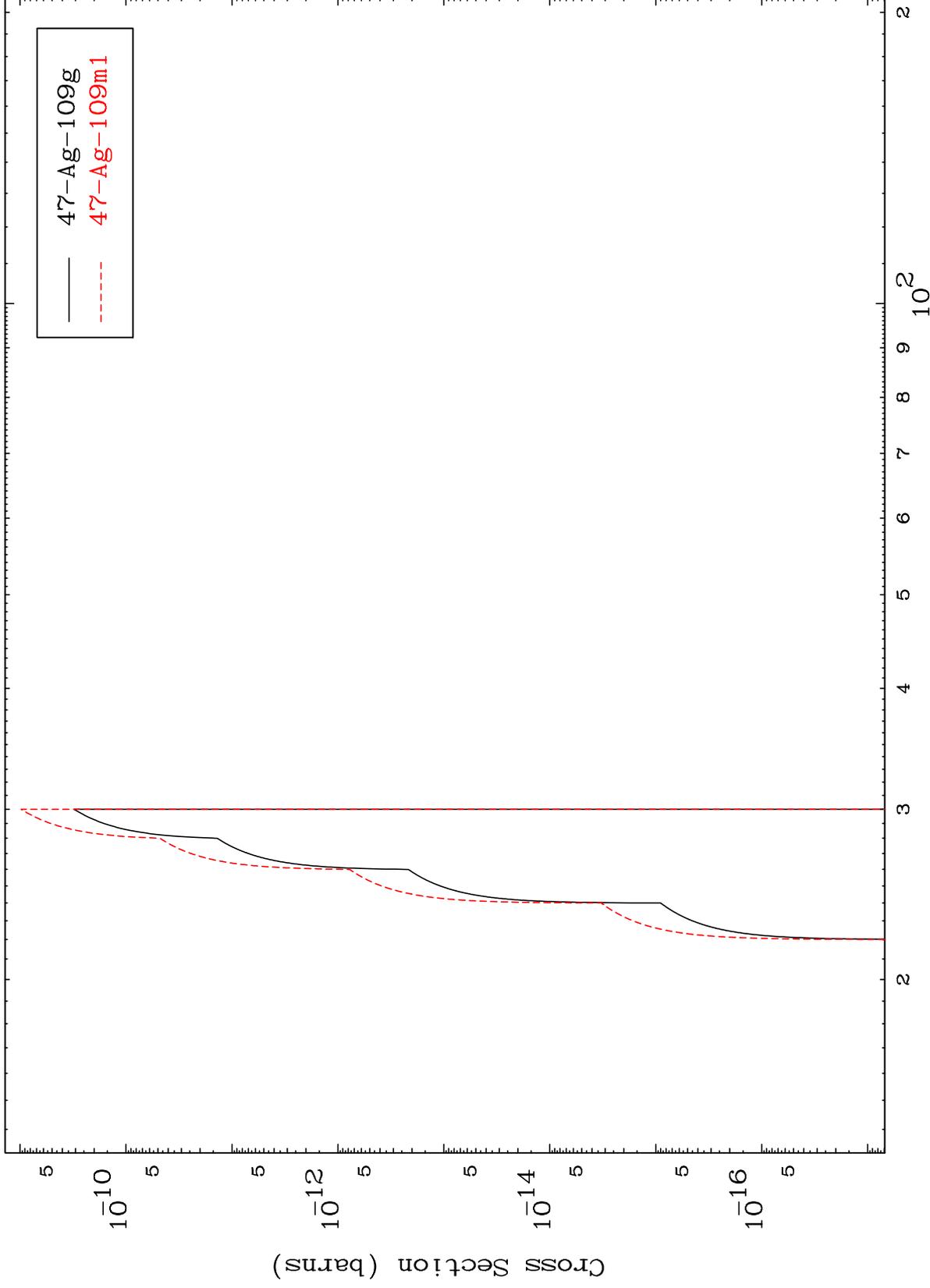
48-Cd-111m

MAT 4841

(n,d)  $\alpha$

48-Cd-111m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

48-Cd-111m