

Program EVALPLOT  
(Version 2021-1)

by

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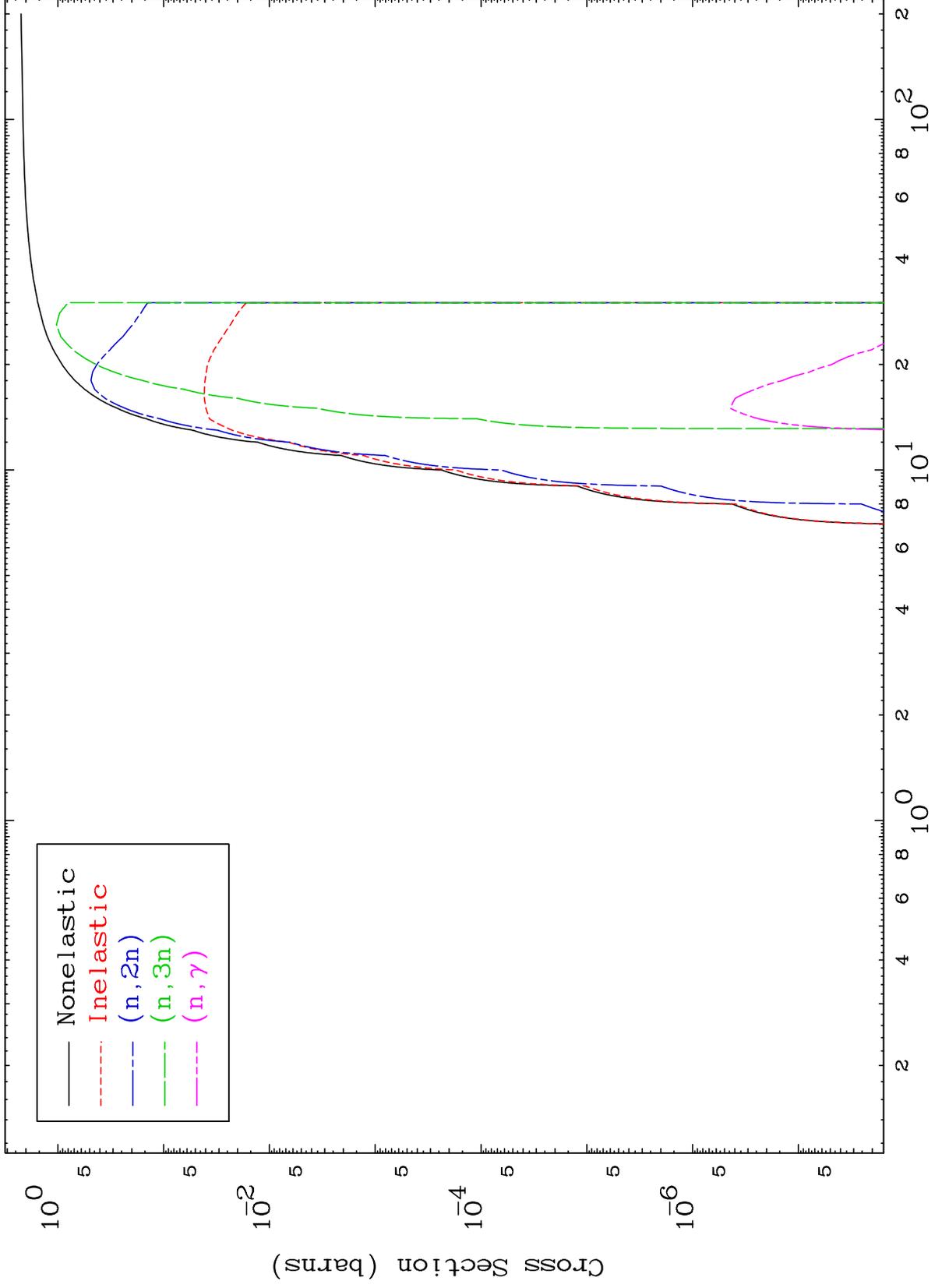
Press Mouse Button to Start

MAT 4871

$\alpha$  Major

48-Cd-121m

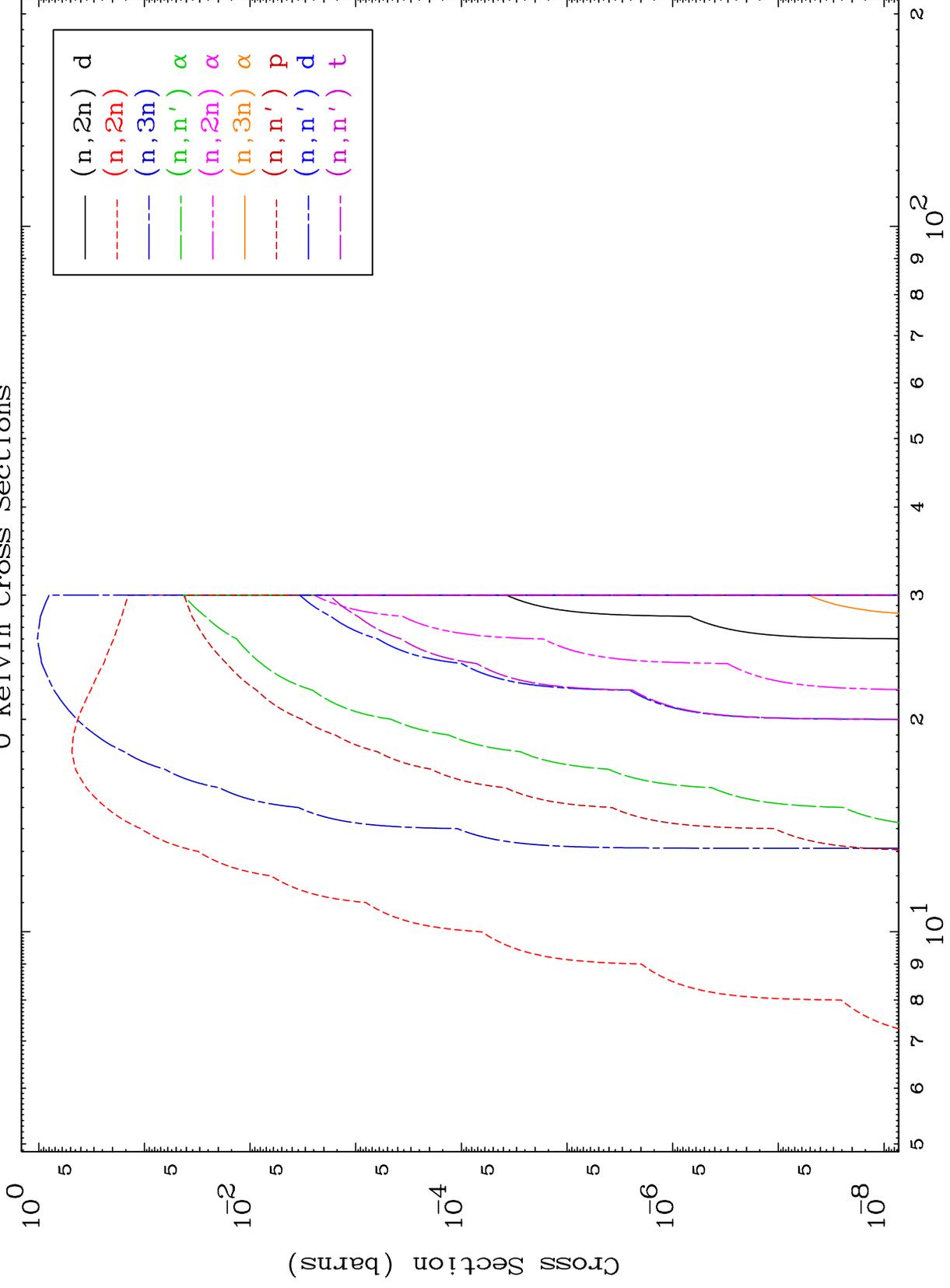
0 Kelvin Cross Sections



MAT 4871

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-121m



2

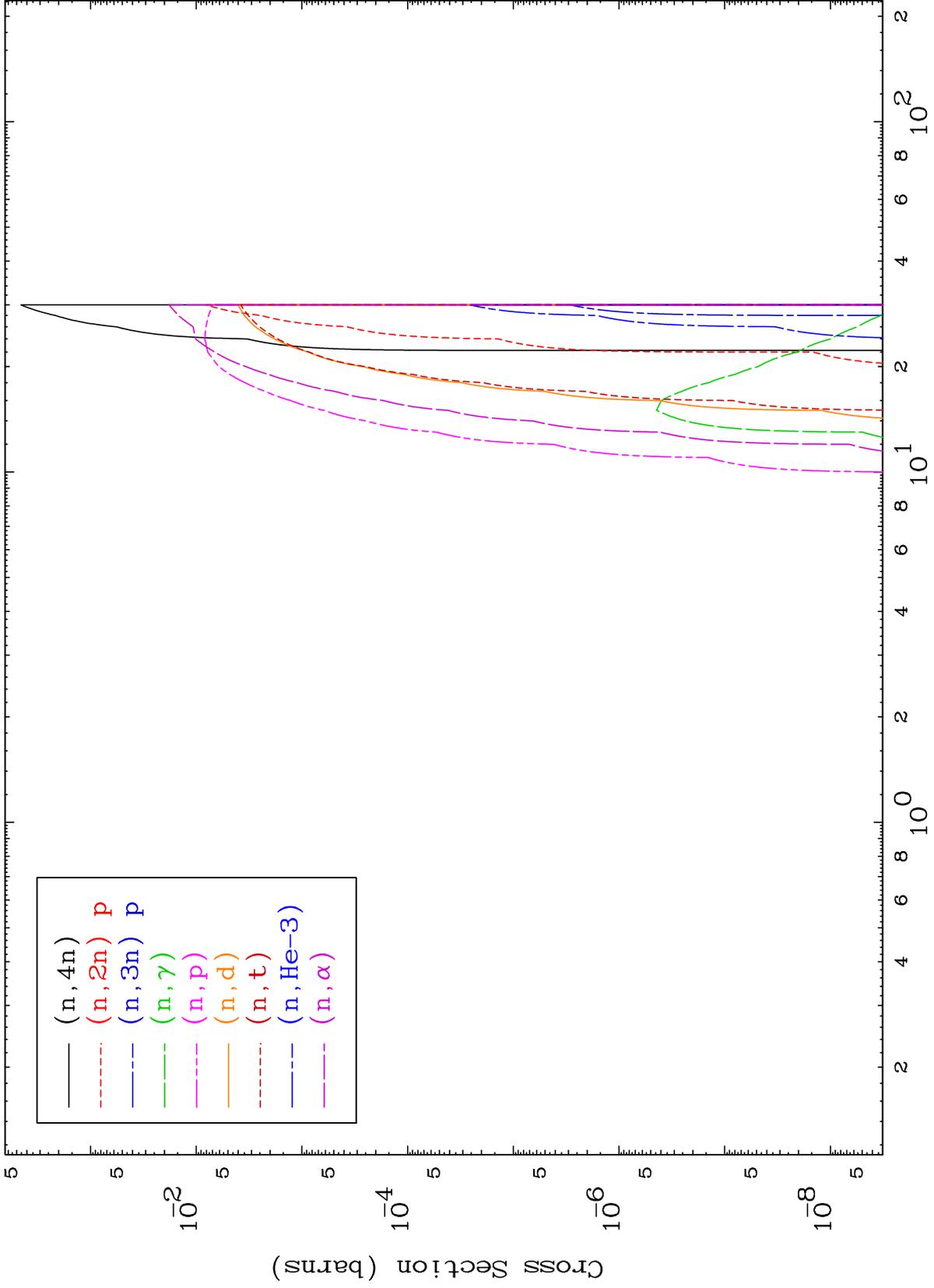
Incident Energy (MeV)

48-Cd-121m

MAT 4871

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-121m



3

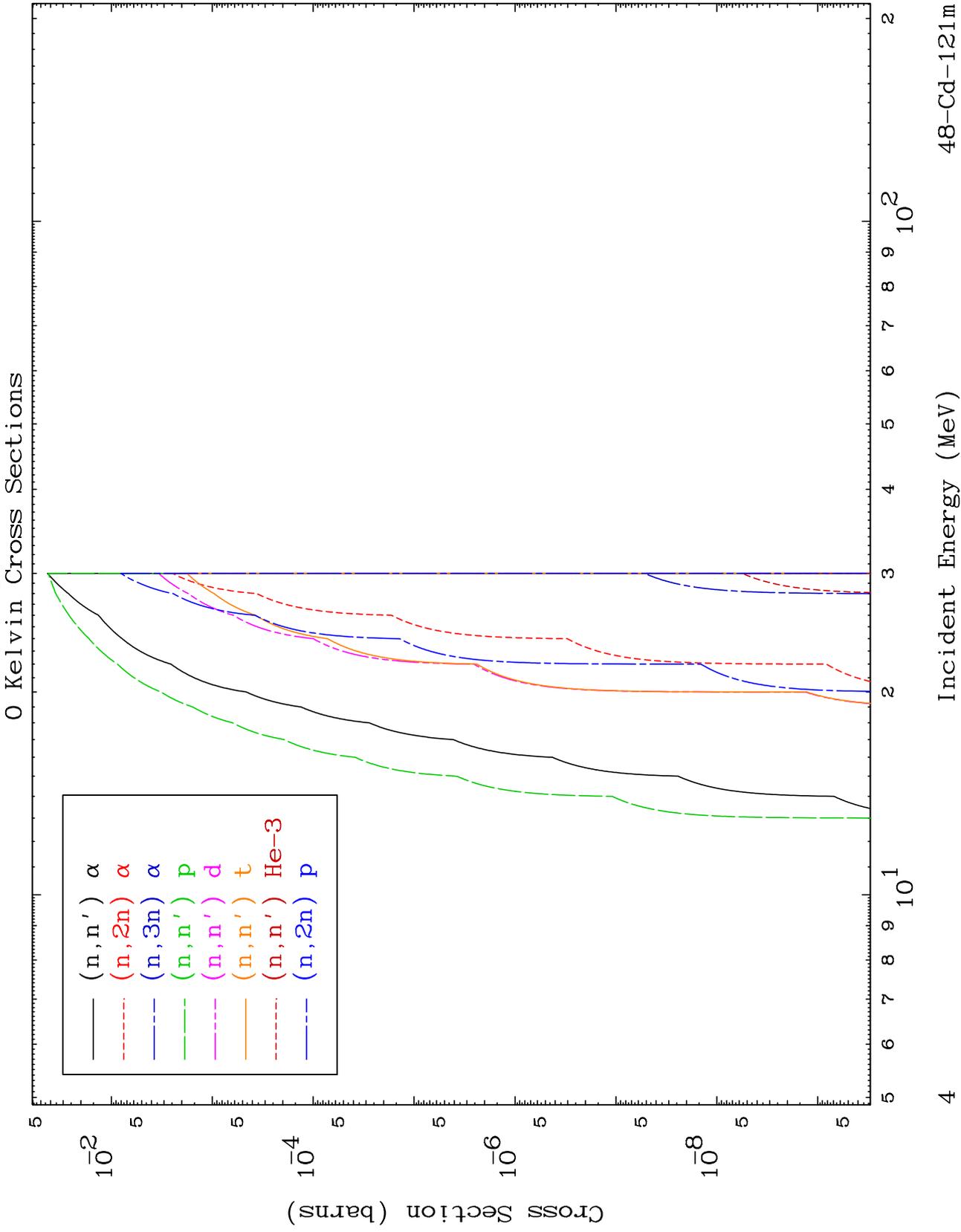
Incident Energy (MeV)

48-Cd-121m

MAT 4871

$\alpha$  Charged Particle

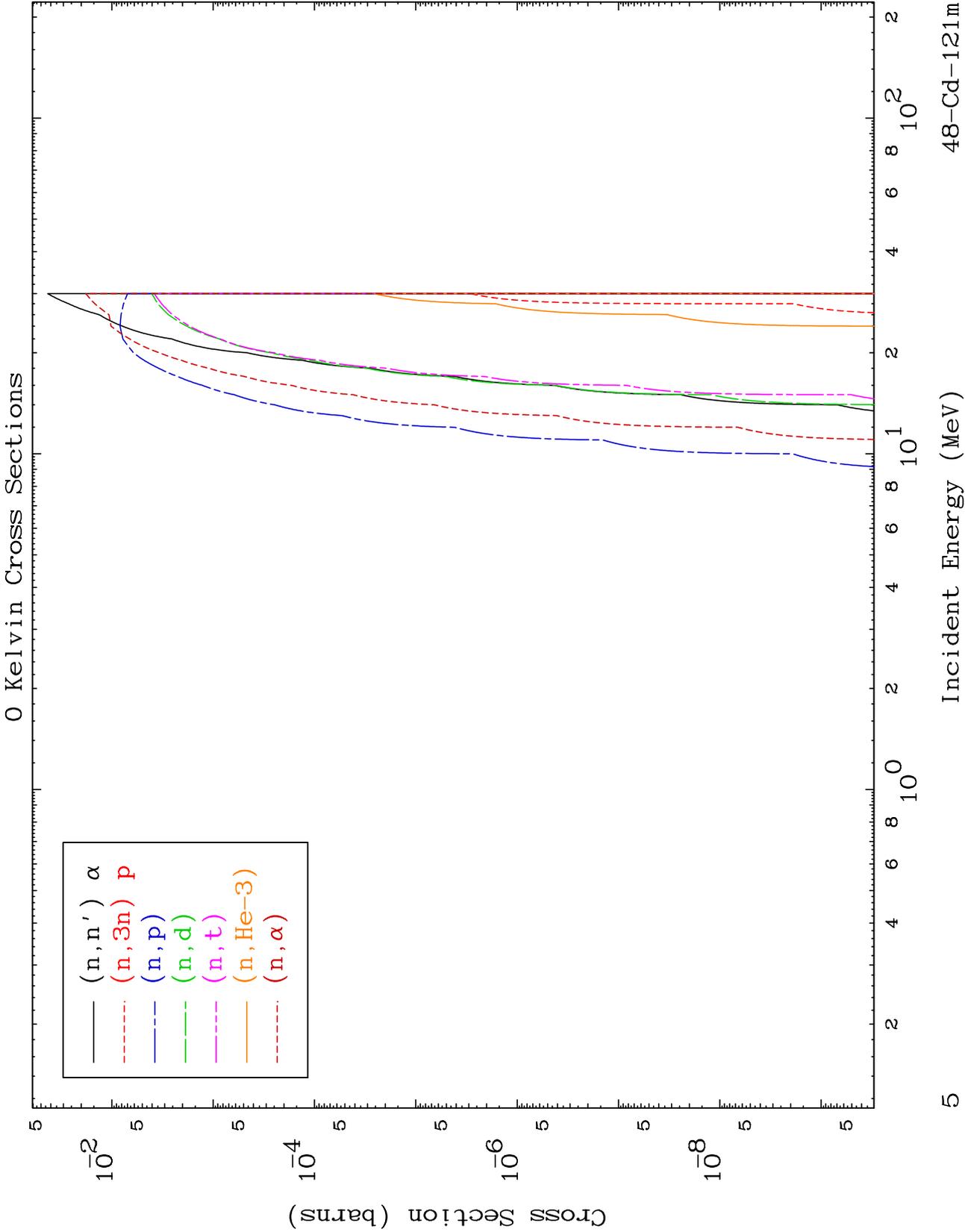
48-Cd-121m



MAT 4871

$\alpha$  Charged Particle

48-Cd-121m

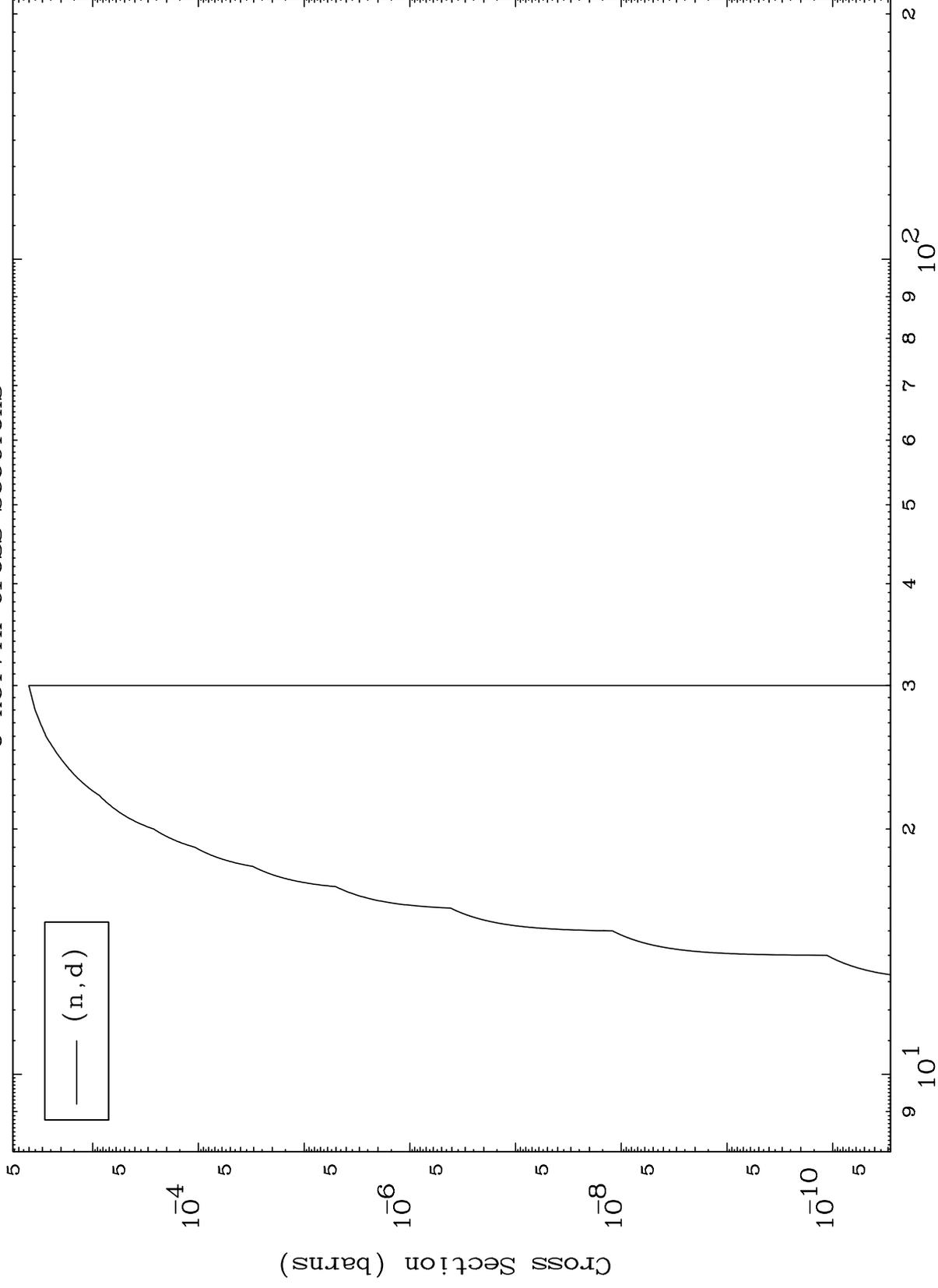




MAT 4871

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

48-Cd-121m



7

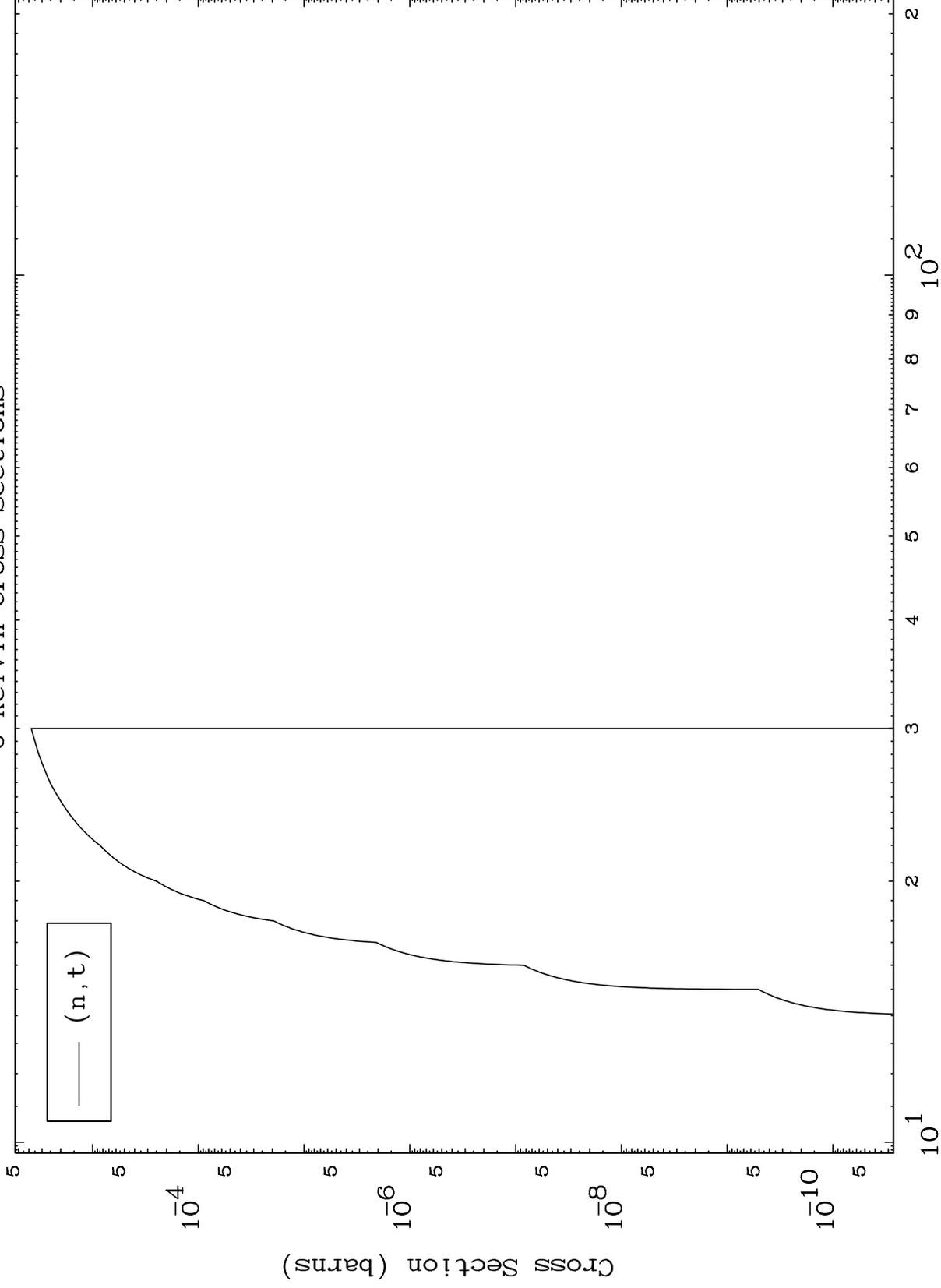
Incident Energy (MeV)

48-Cd-121m

MAT 4871

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

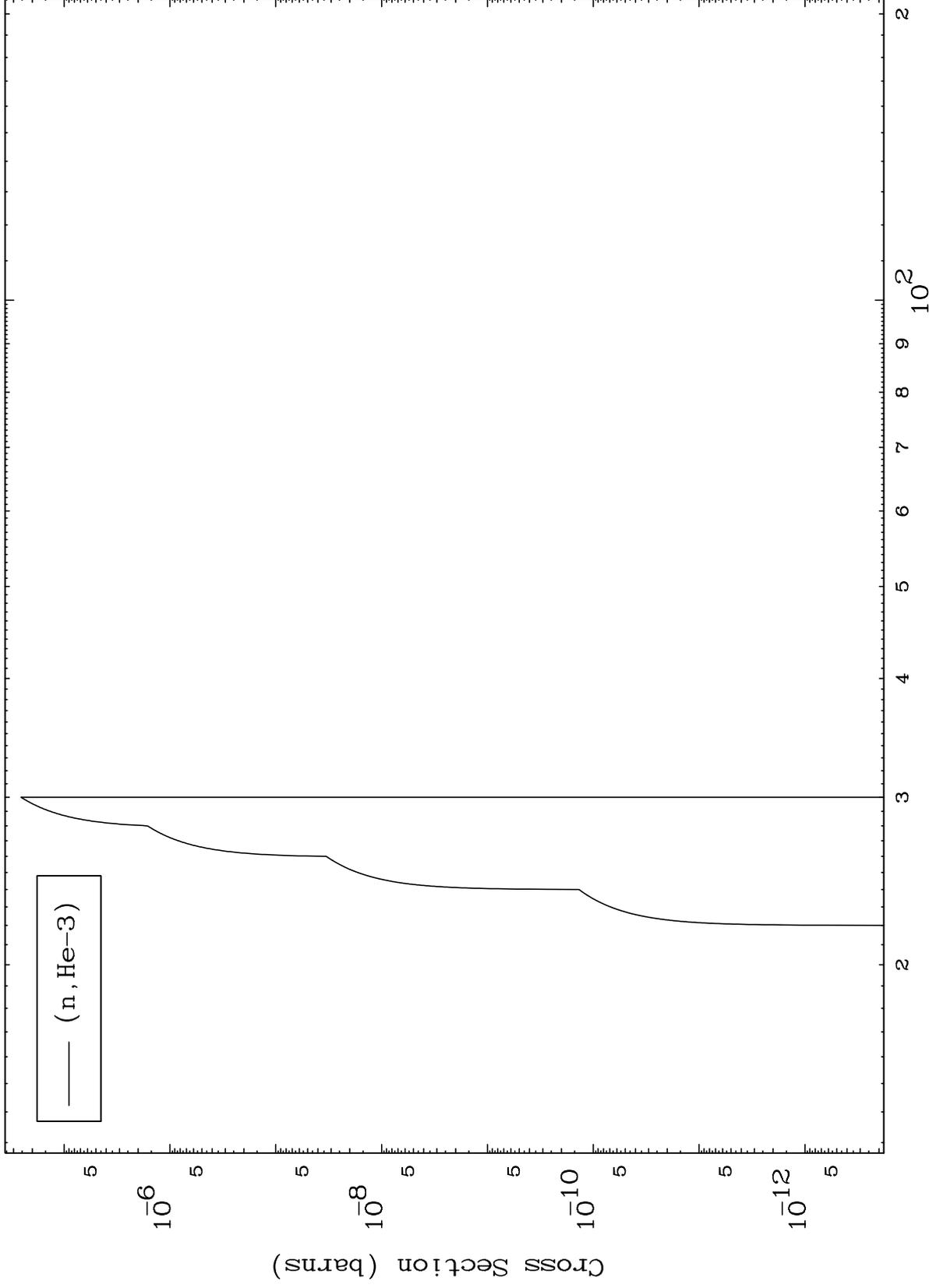
48-Cd-121m



Incident Energy (MeV)

48-Cd-121m

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



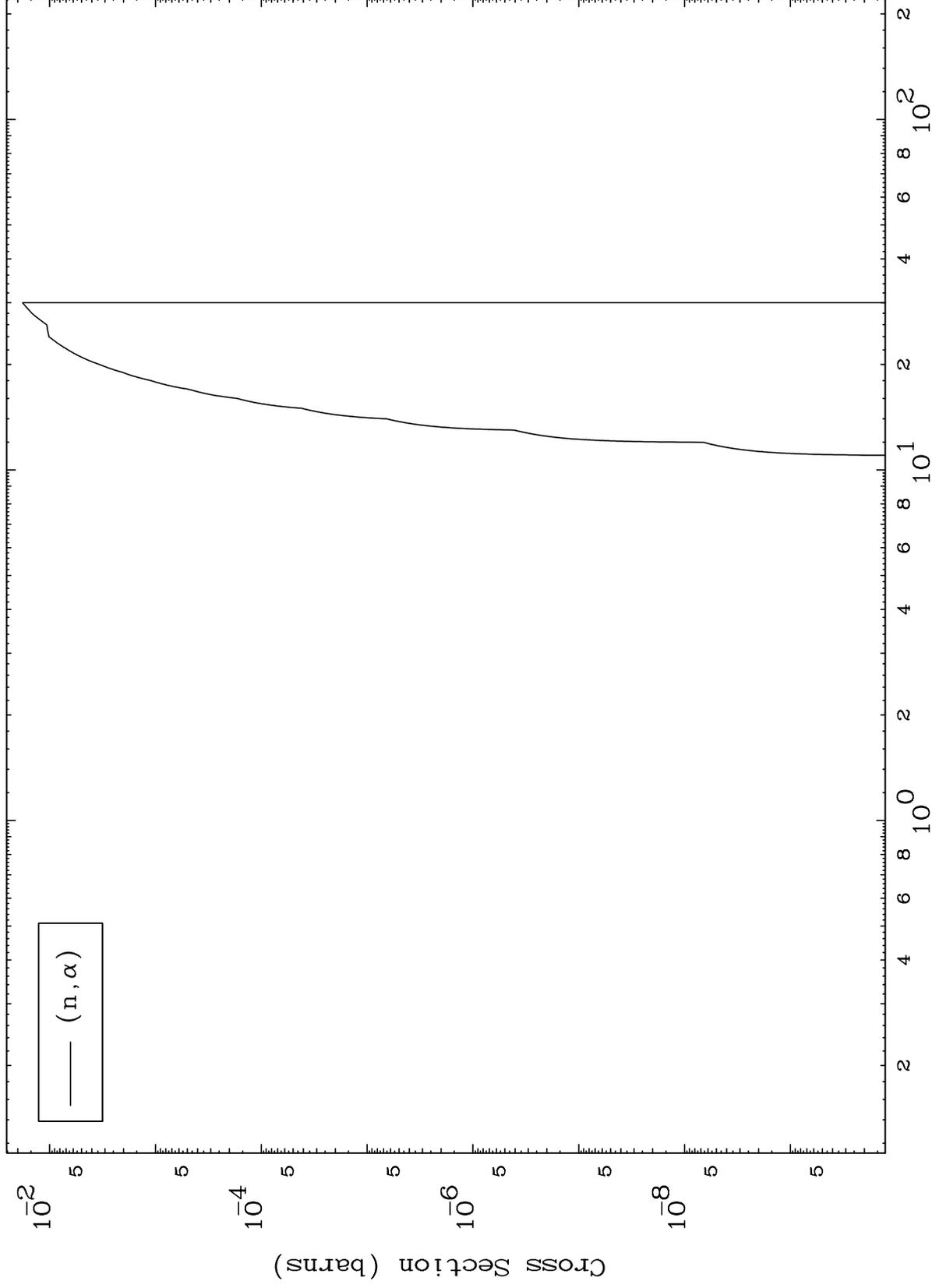
Incident Energy (MeV)

MAT 4871

( $\alpha, \alpha$ ) Levels

48-Cd-121m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

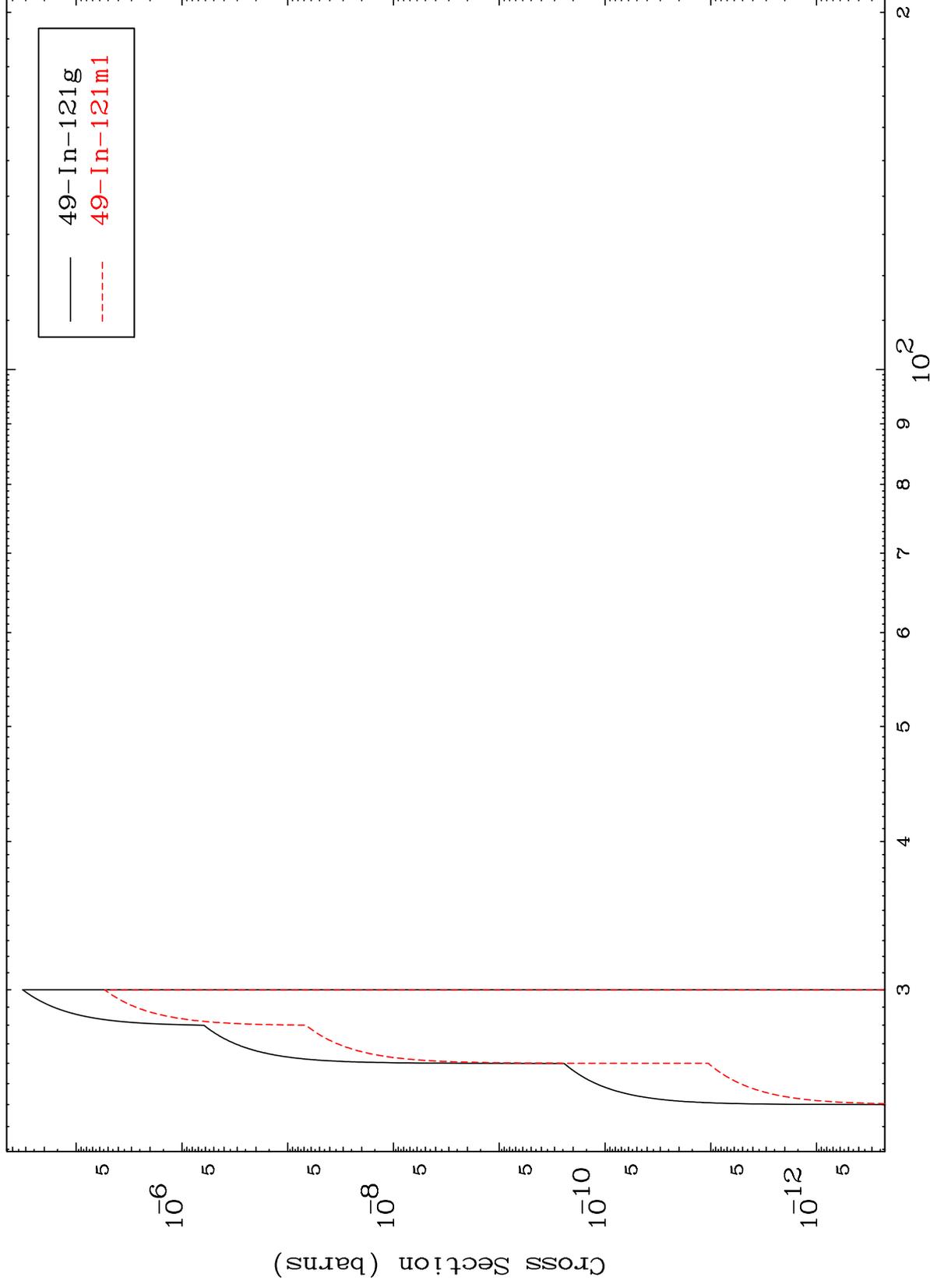
48-Cd-121m

MAT 4871

(n,2n) d

48-Cd-121m

Radionuclide Production Cross Section



11

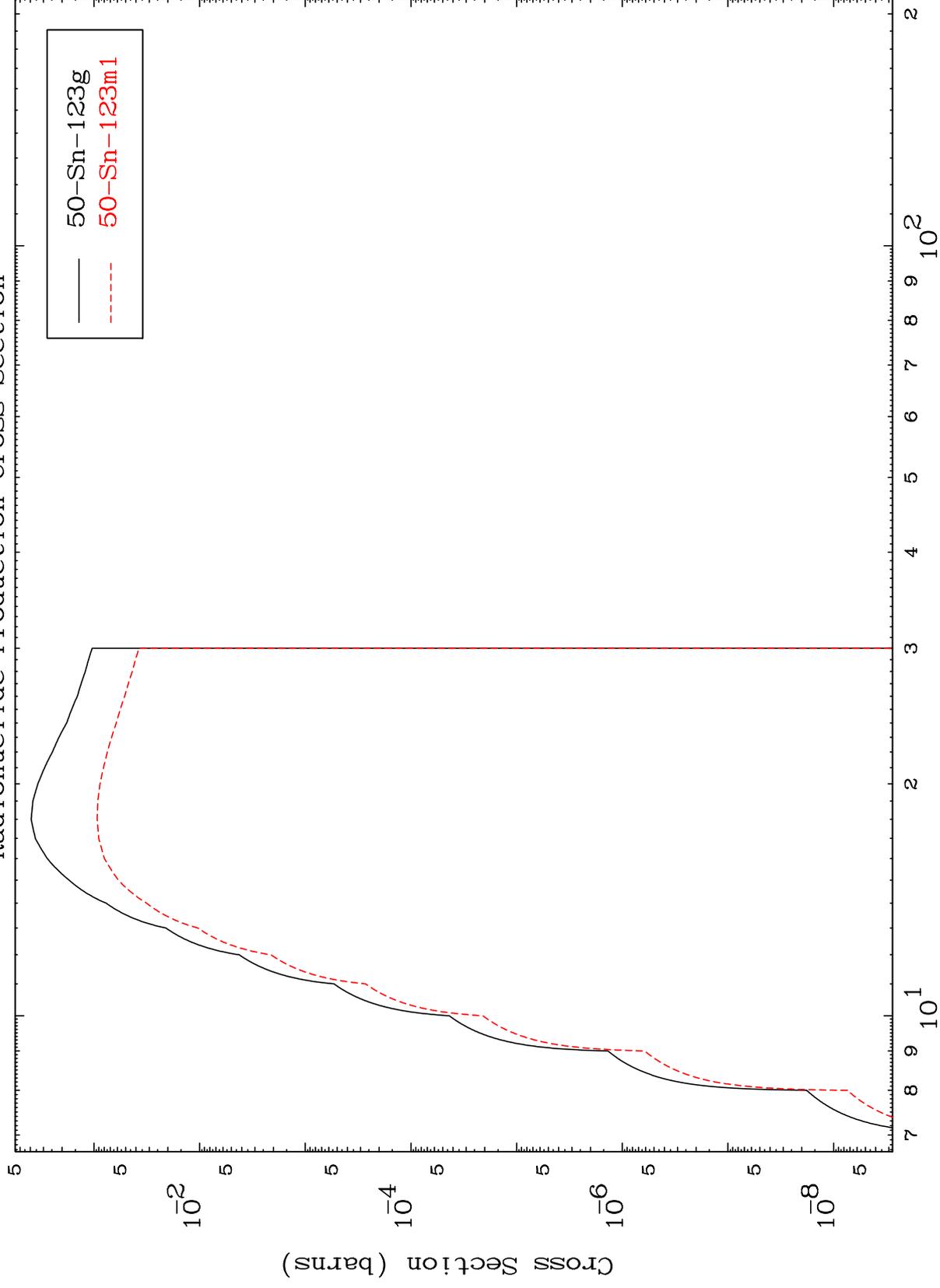
Incident Energy (MeV)

48-Cd-121m

MAT 4871

48-Cd-121m

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

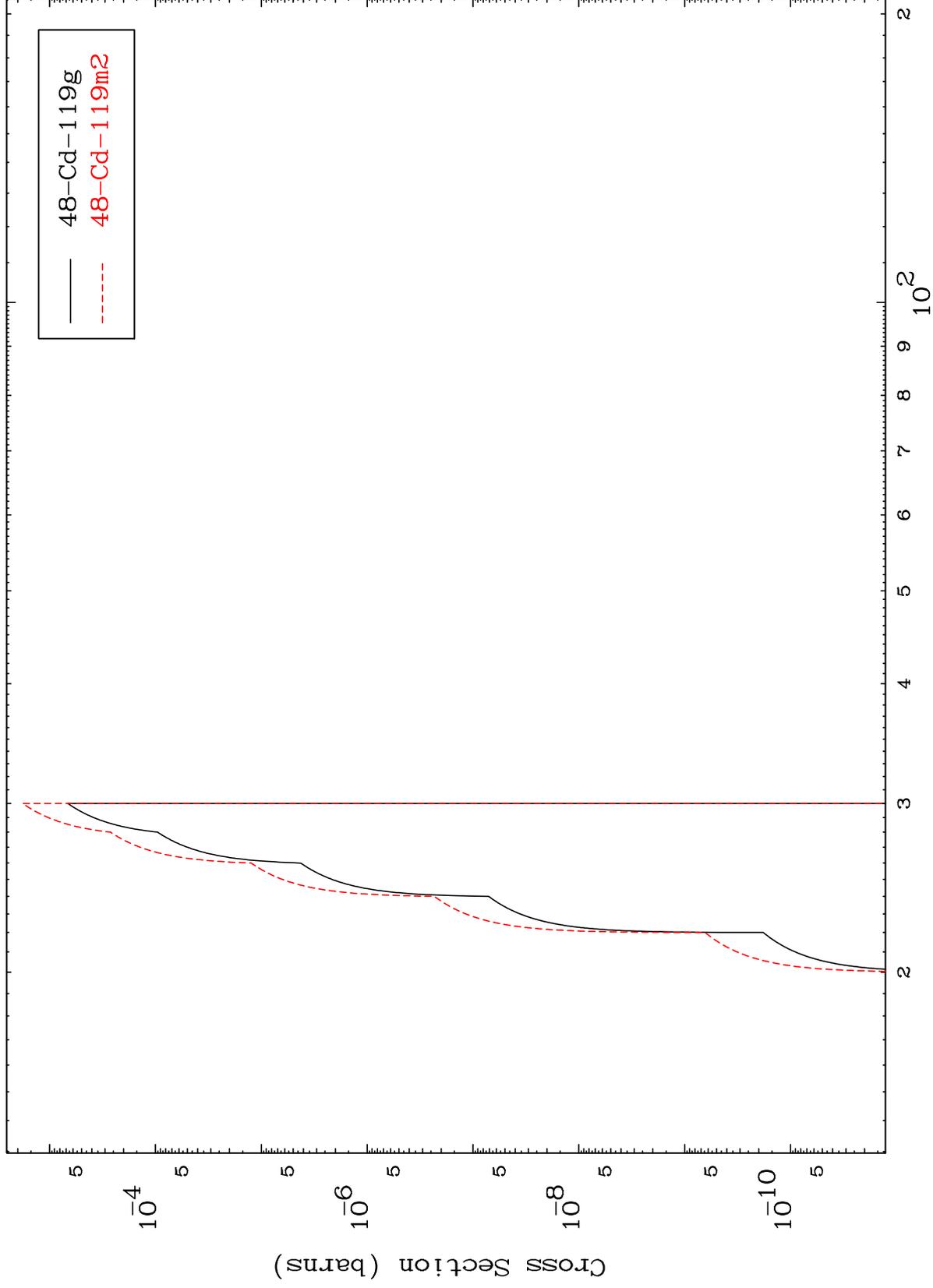
48-Cd-121m

MAT 4871

48-Cd-121m

(n,2n)  $\alpha$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

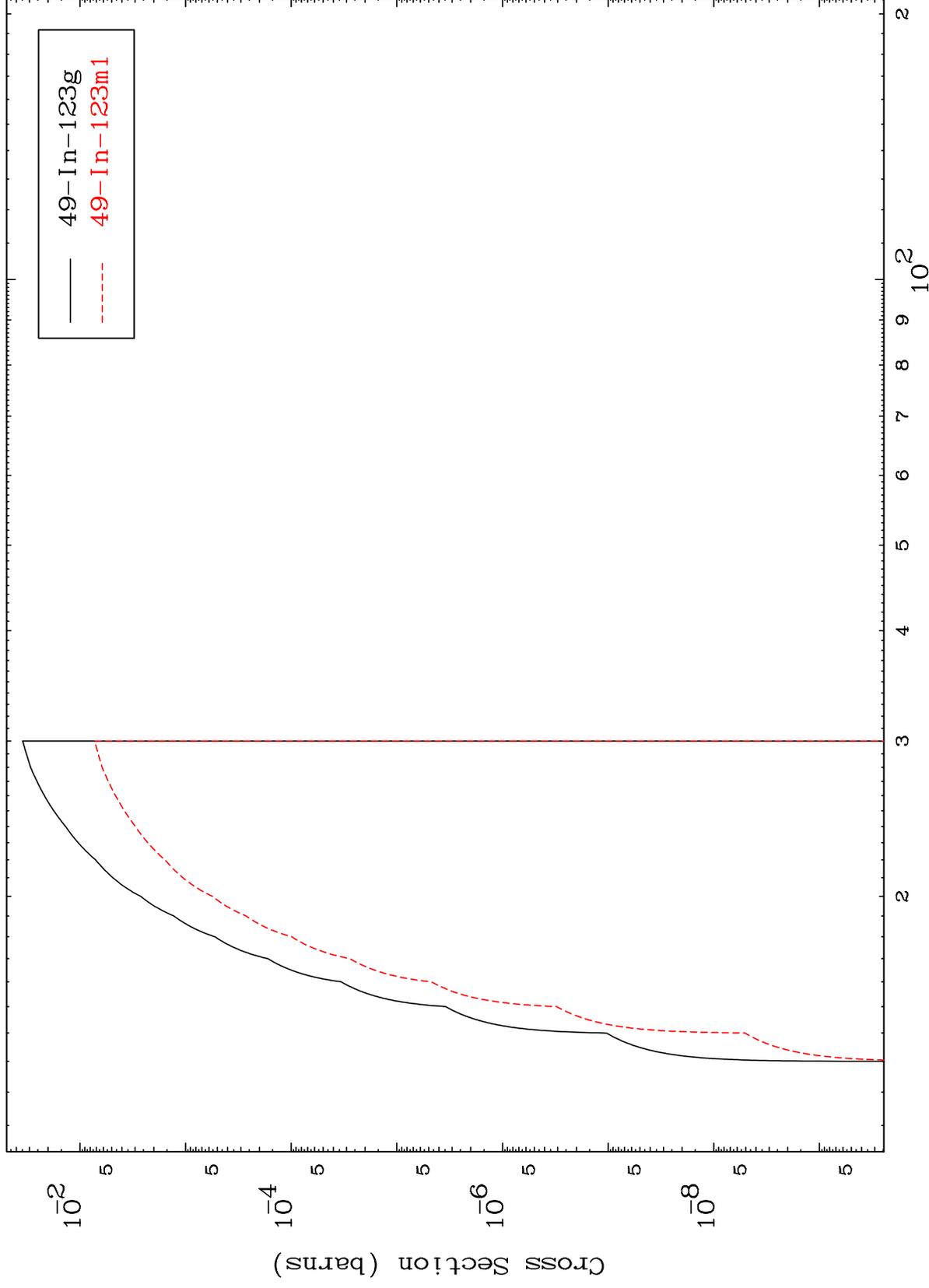
48-Cd-121m

MAT 4871

(n,n') p

48-Cd-121m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

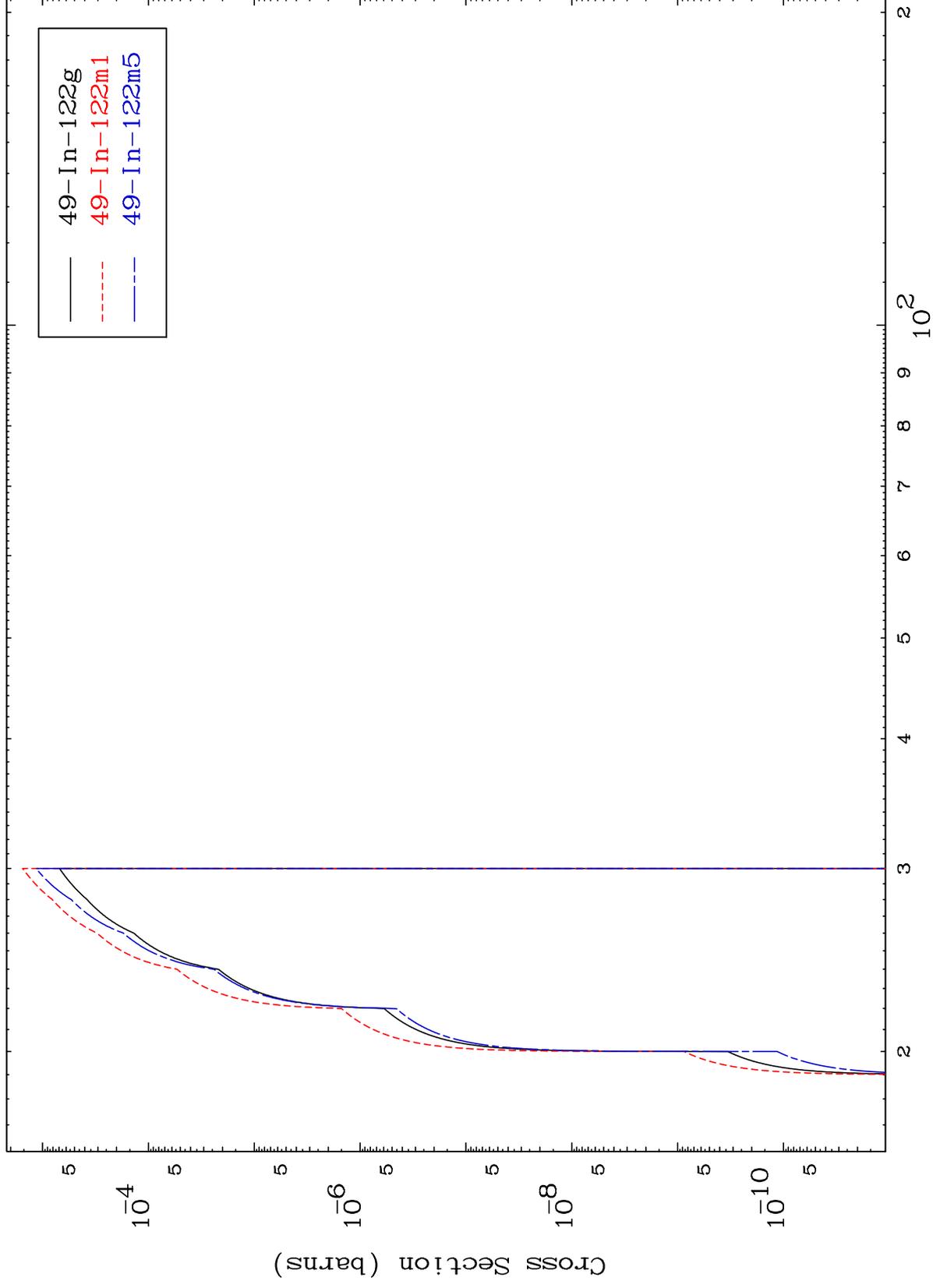
48-Cd-121m

MAT 4871

(n,n') d

48-Cd-121m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

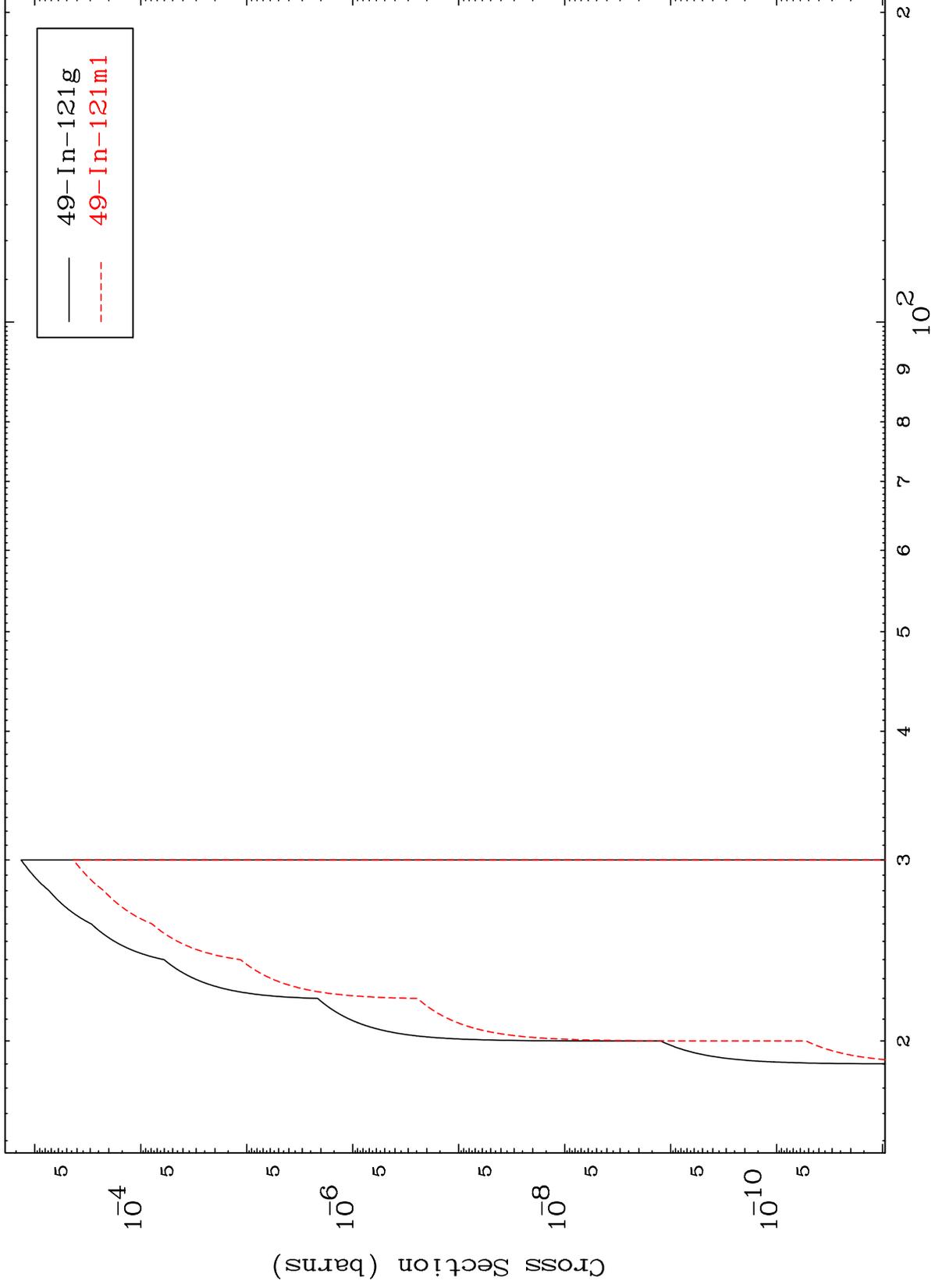
48-Cd-121m

MAT 4871

(n,n') t

48-Cd-121m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

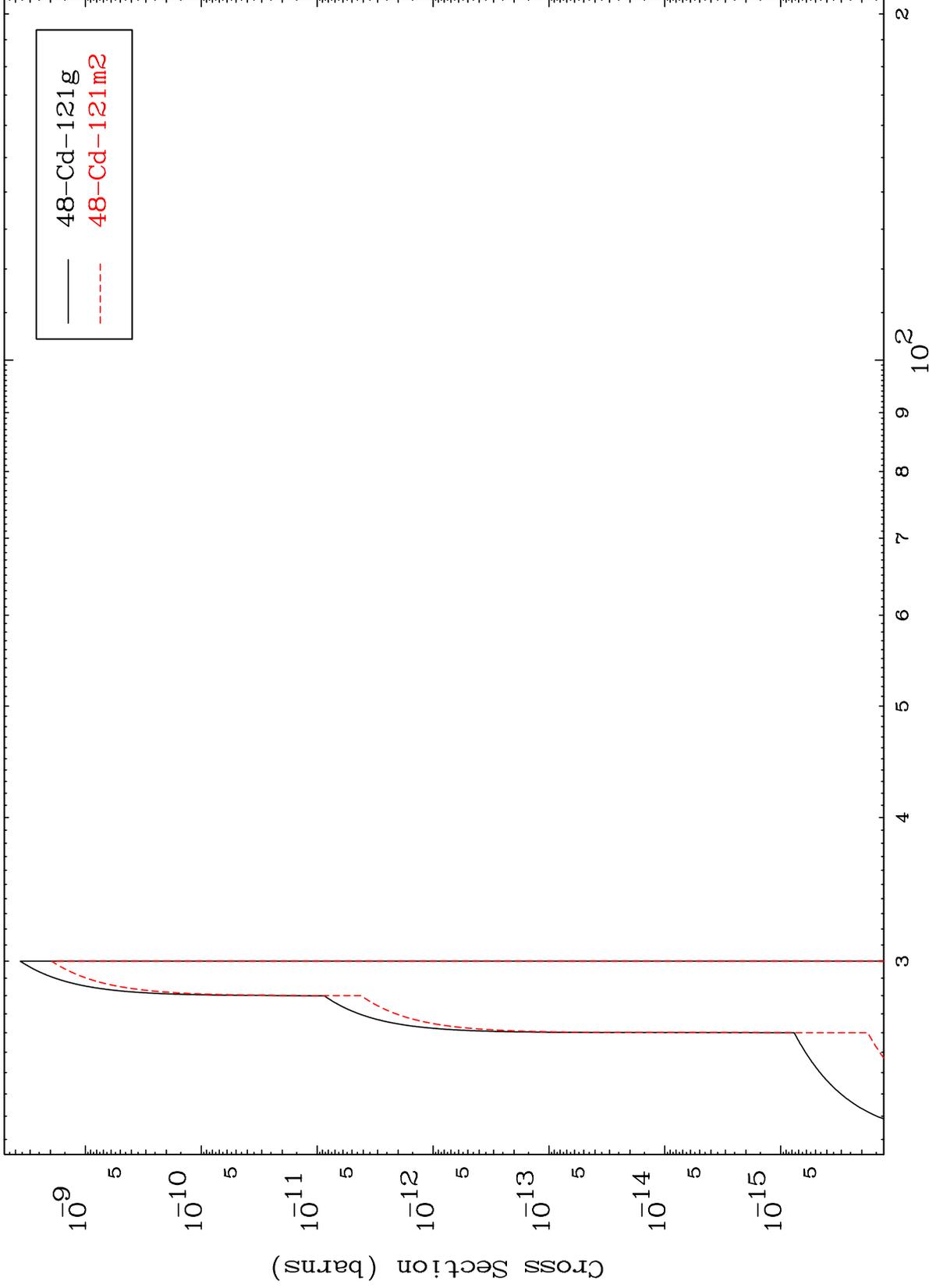
48-Cd-121m

MAT 4871

(n,n') He-3

48-Cd-121m

Radionuclide Production Cross Section



17

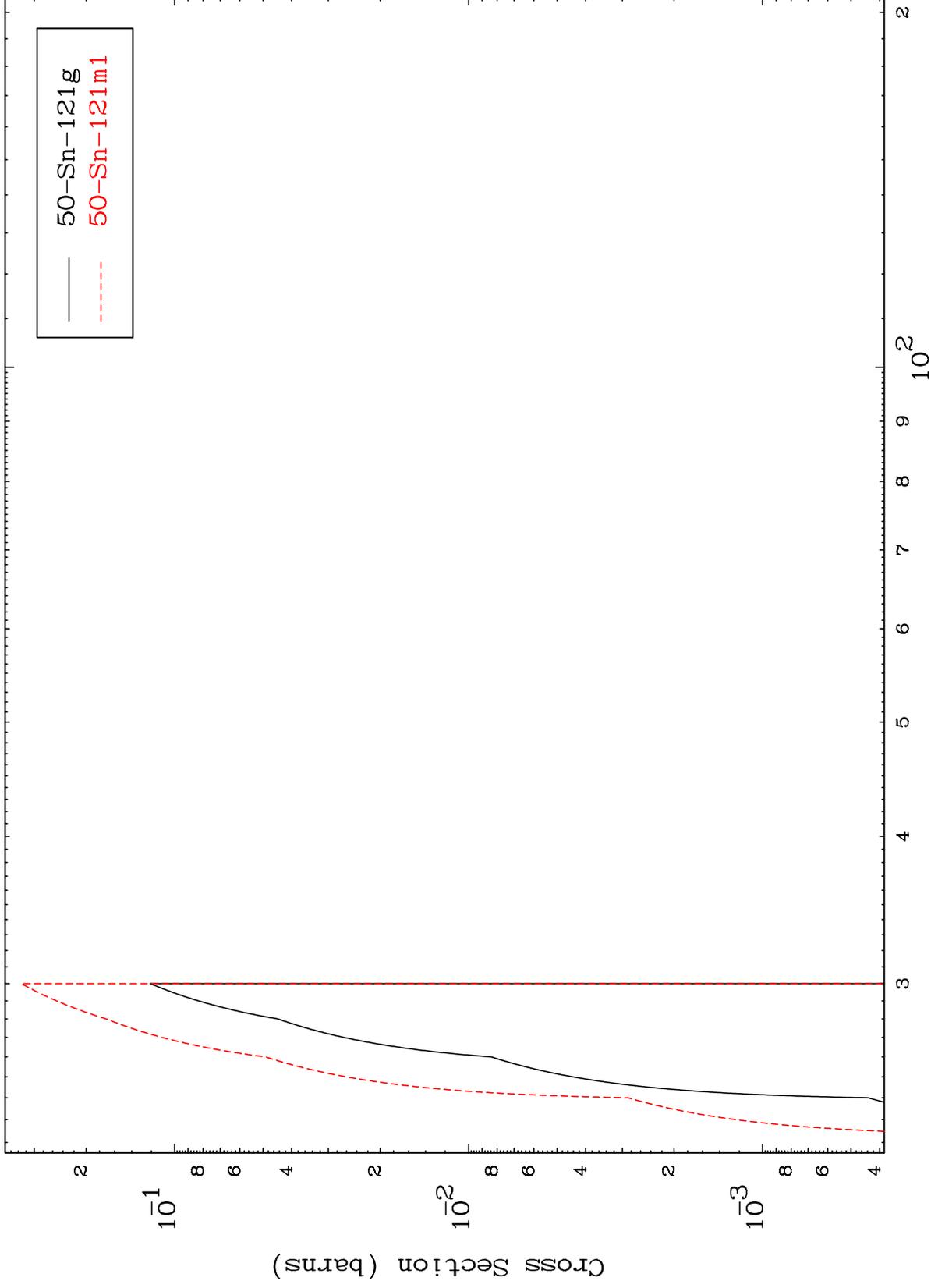
Incident Energy (MeV)

48-Cd-121m

MAT 4871

48-Cd-121m

(n,4n)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

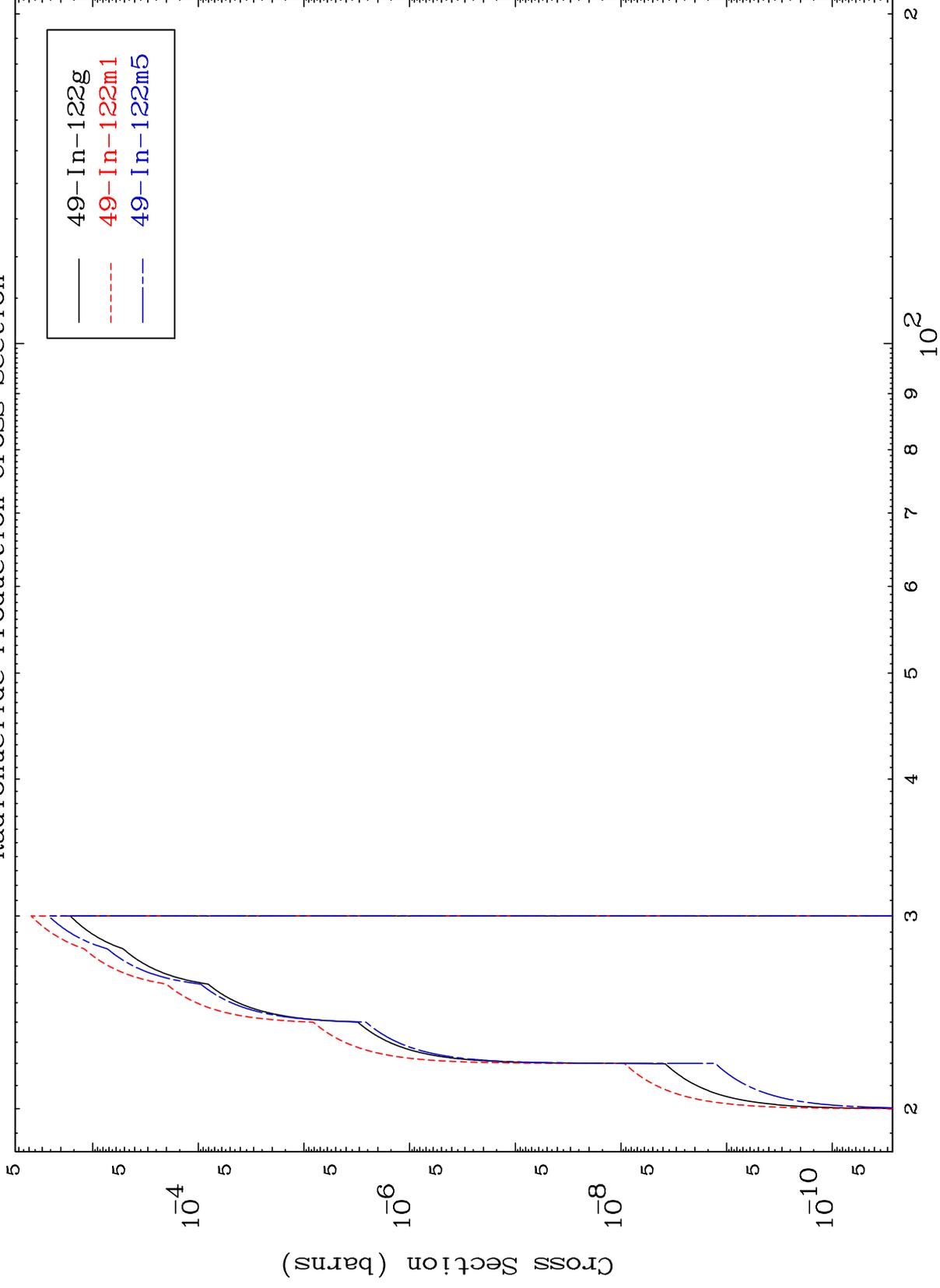
48-Cd-121m

MAT 4871

(n,2n) p

48-Cd-121m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

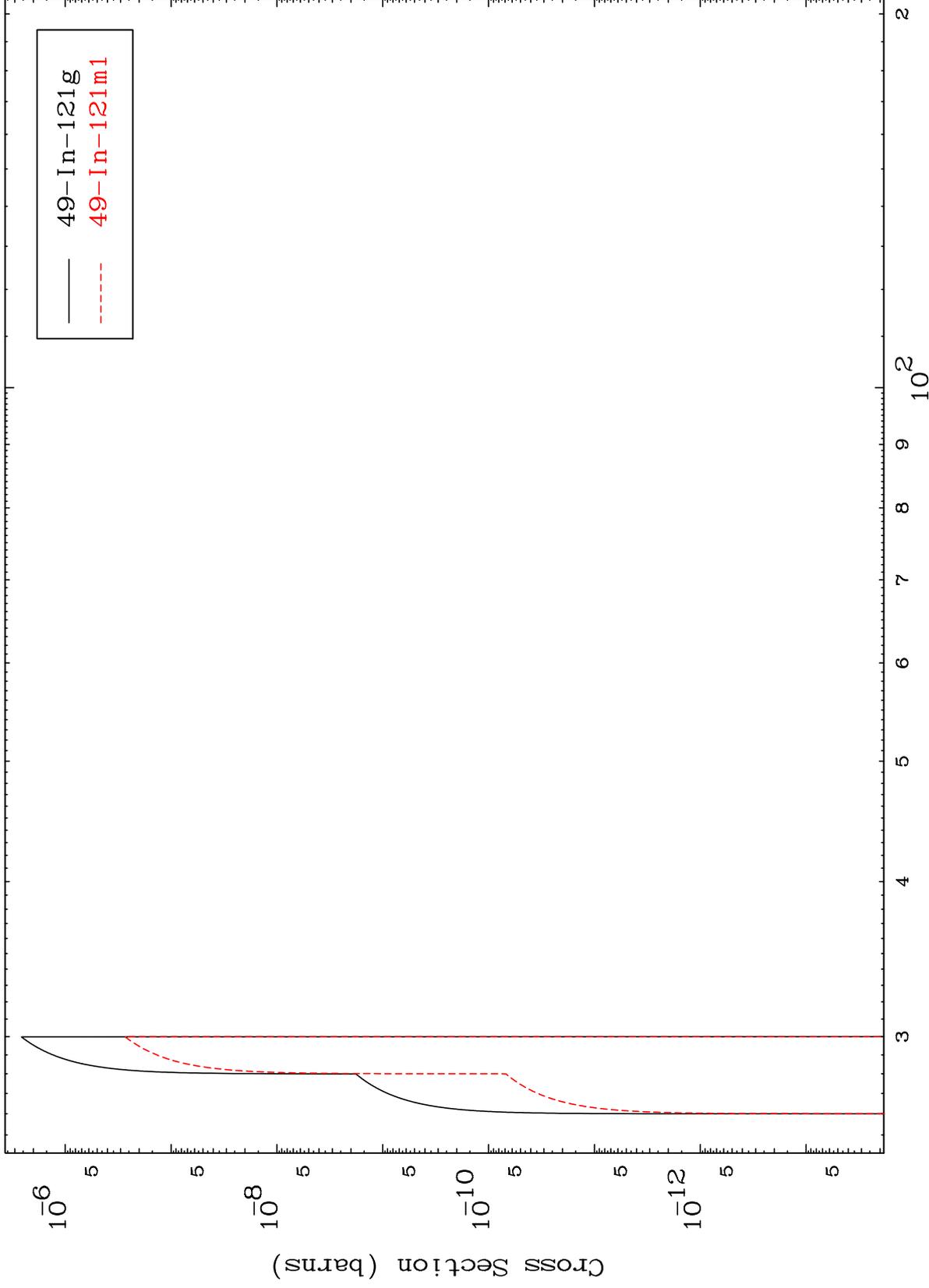
48-Cd-121m

MAT 4871

(n,3n) p

48-Cd-121m

Radionuclide Production Cross Section



20

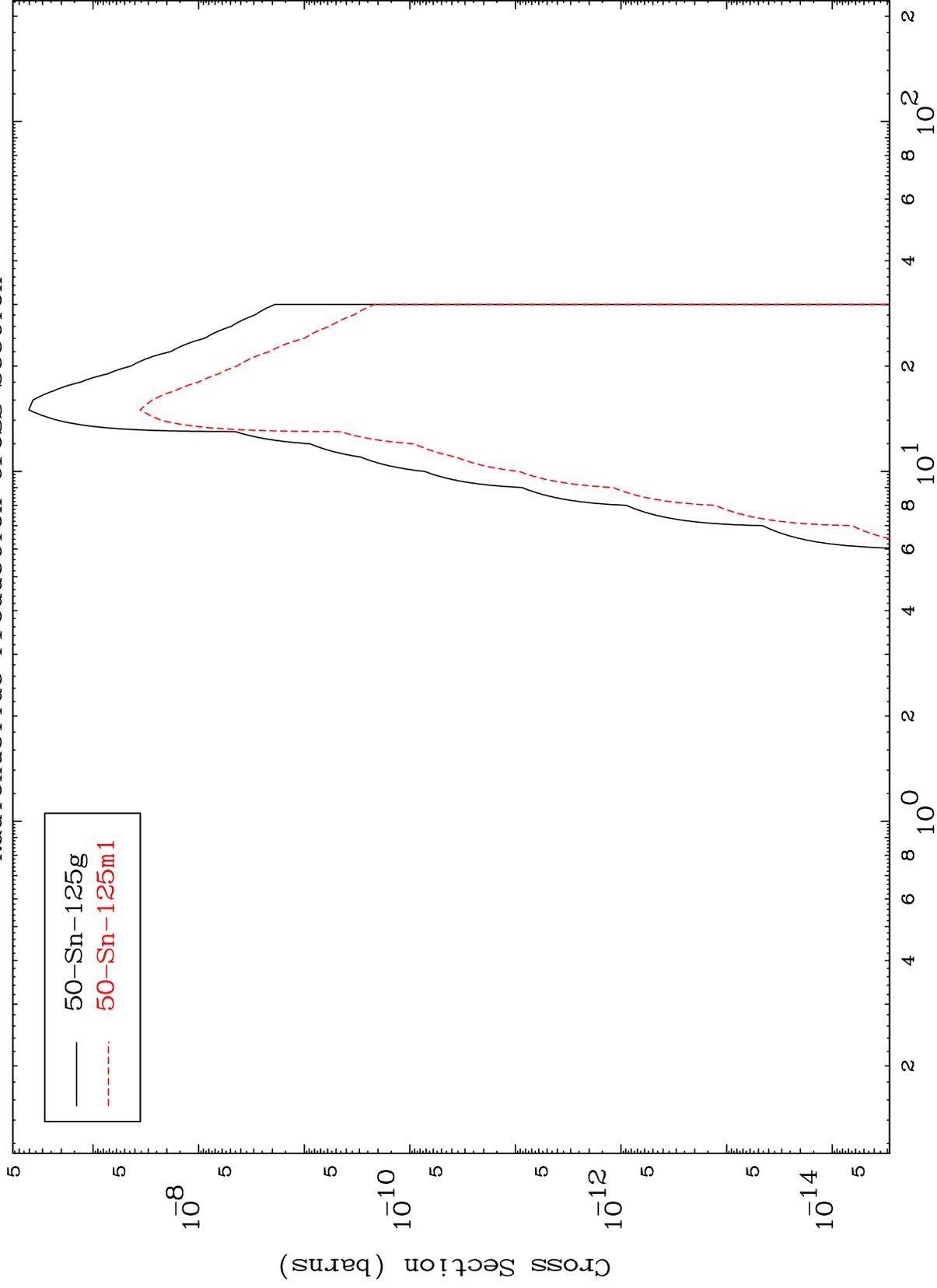
Incident Energy (MeV)

48-Cd-121m

MAT 4871

48-Cd-121m

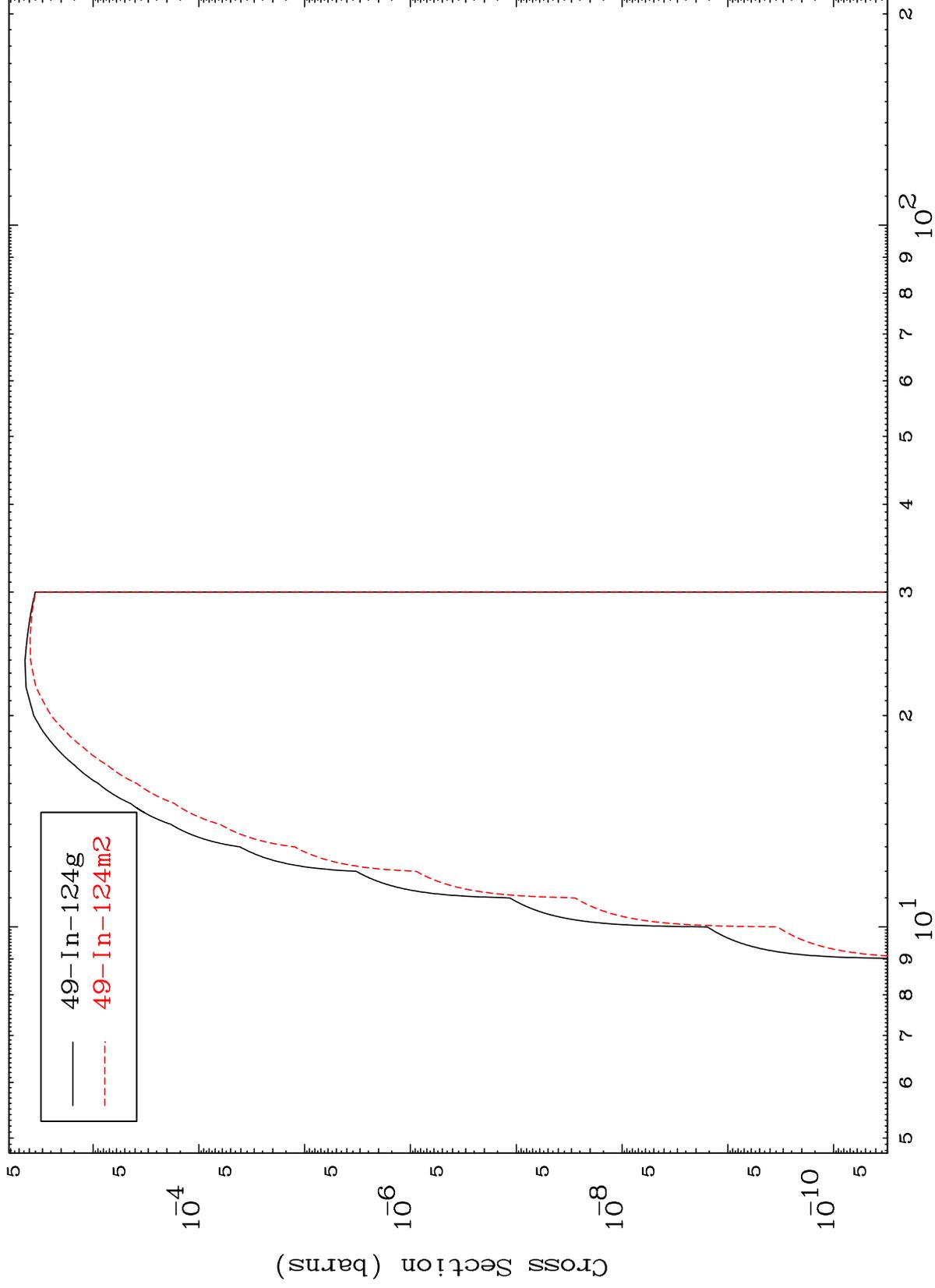
Radionuclide Production Cross Section  
(n,  $\gamma$ )



MAT 4871

48-Cd-121m

(n,p)  
Radionuclide Production Cross Section



48-Cd-121m

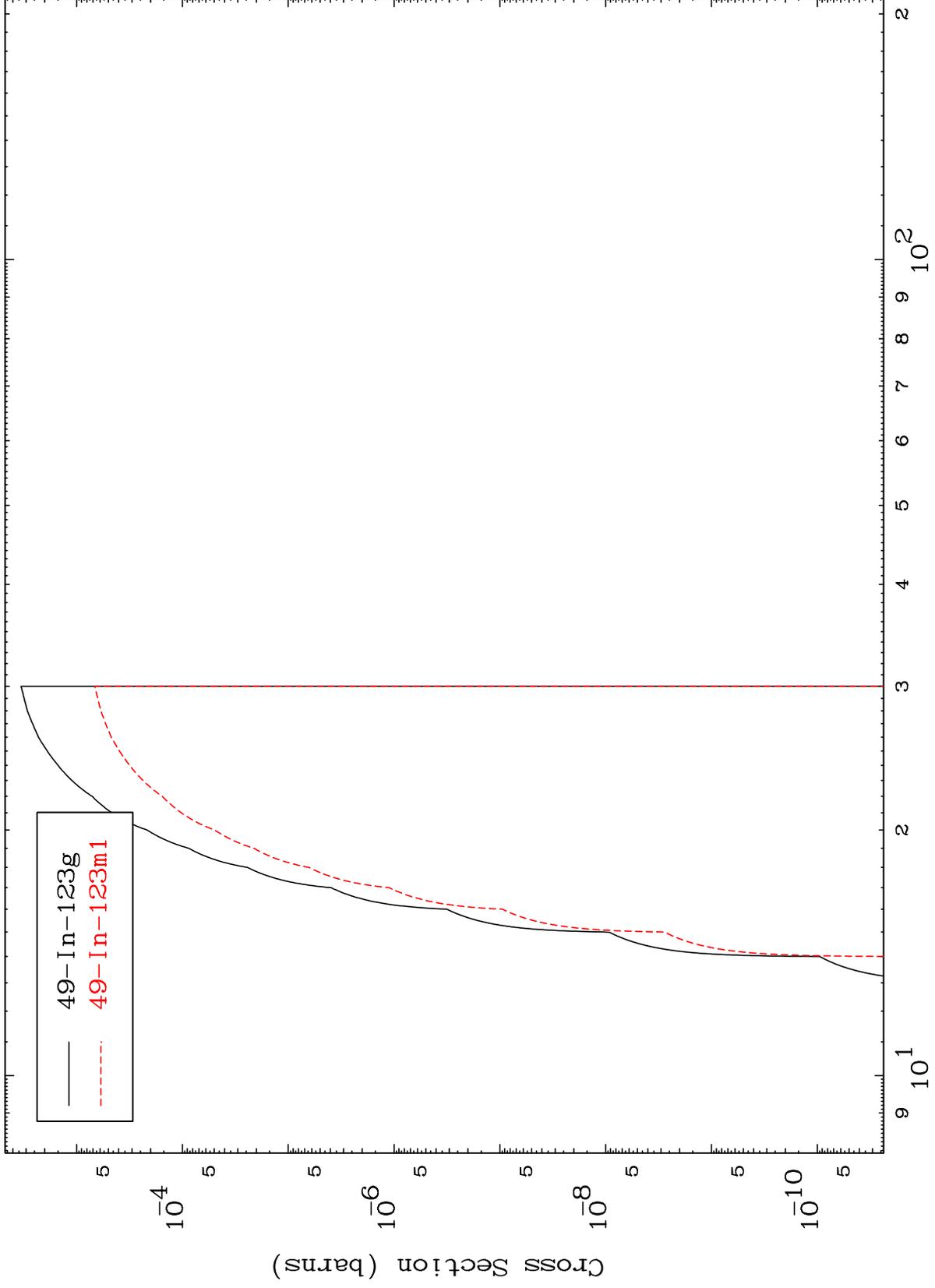
Incident Energy (MeV)

22

MAT 4871

48-Cd-121m

(n,d)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

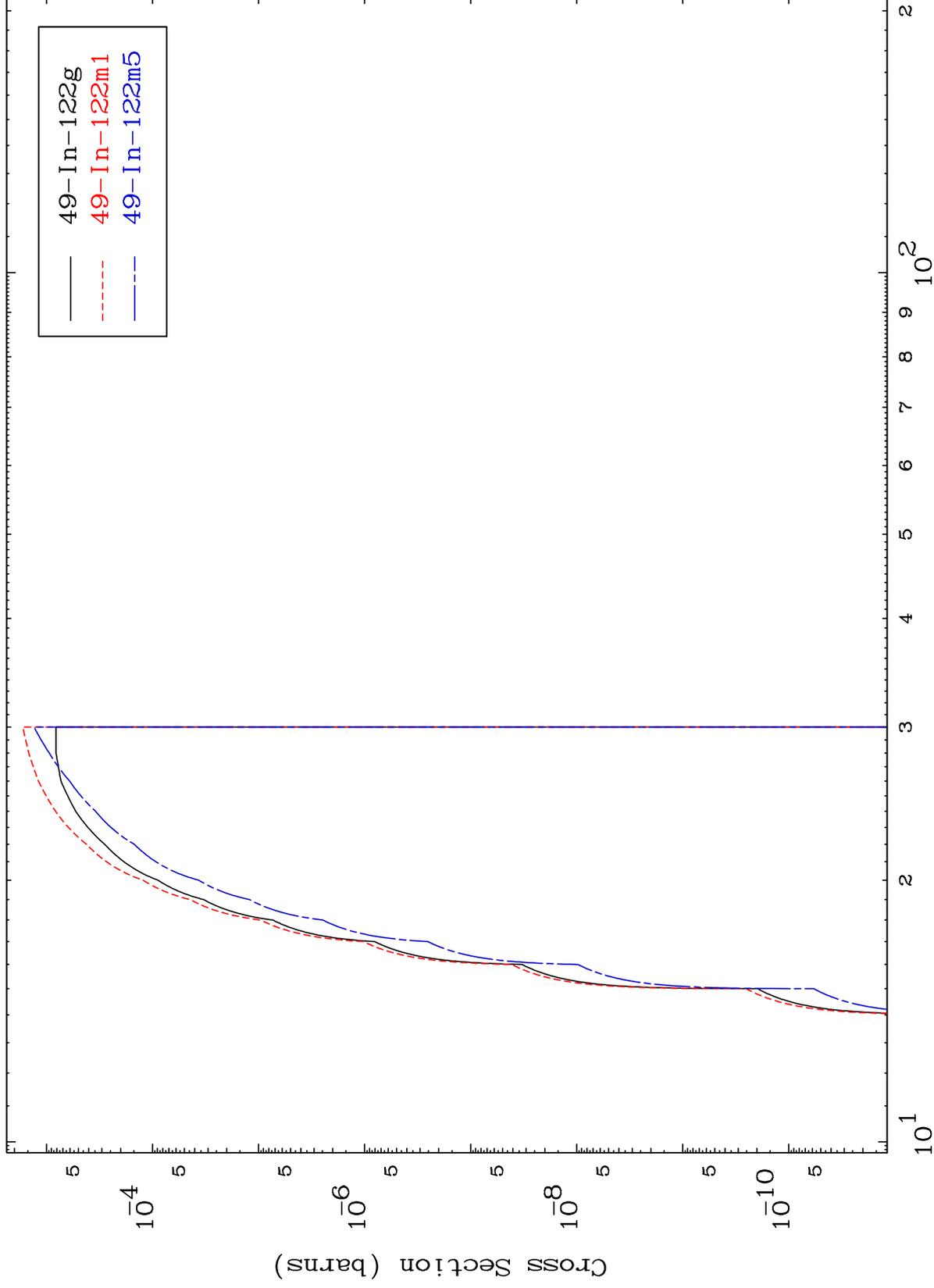
48-Cd-121m

MAT 4871

(n,t)

48-Cd-121m

Radionuclide Production Cross Section



Incident Energy (MeV)

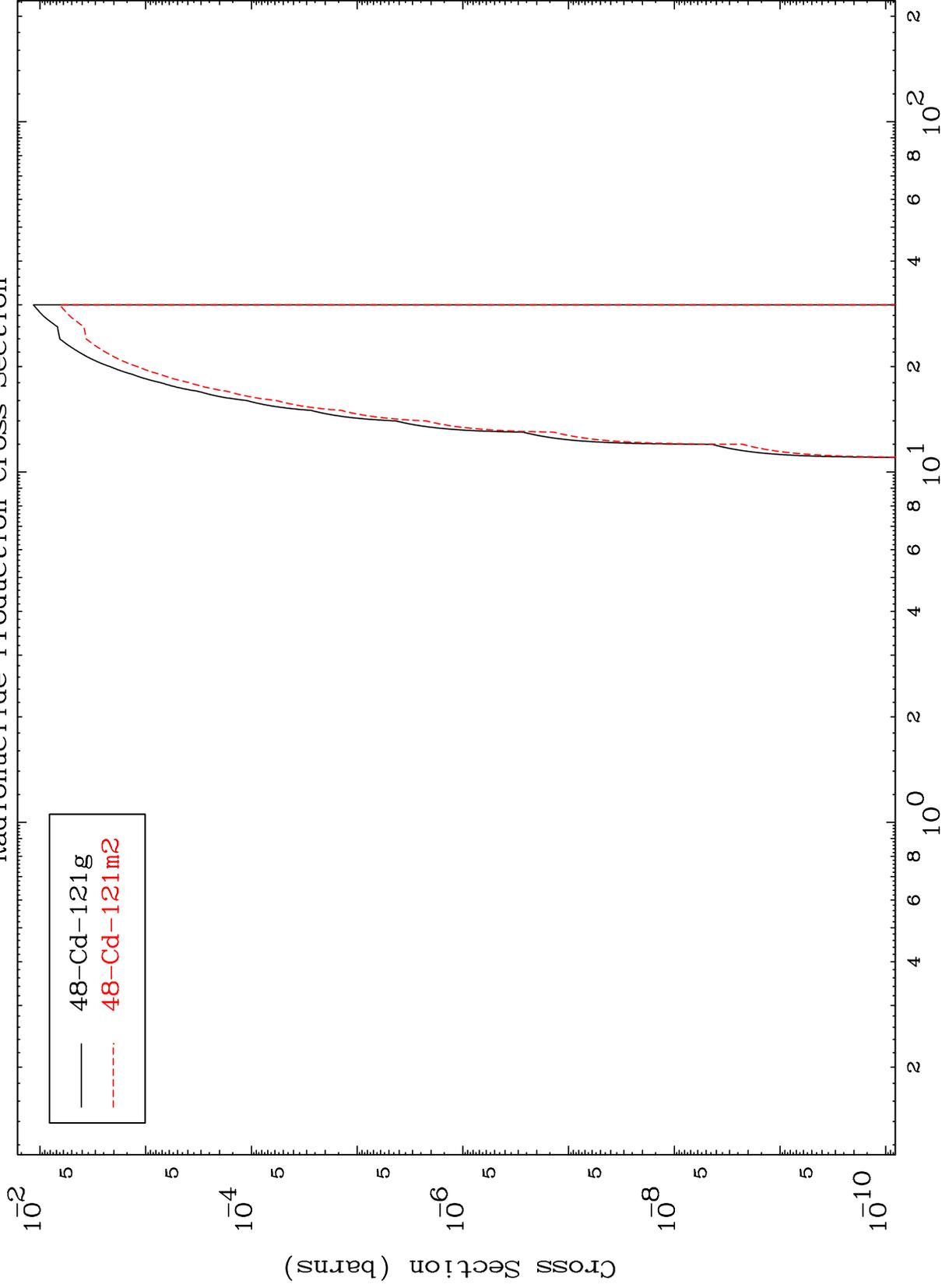
48-Cd-121m

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48-Cd-121m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

48-Cd-121m