

Program EVALPLOT  
(Version 2021-1)

by

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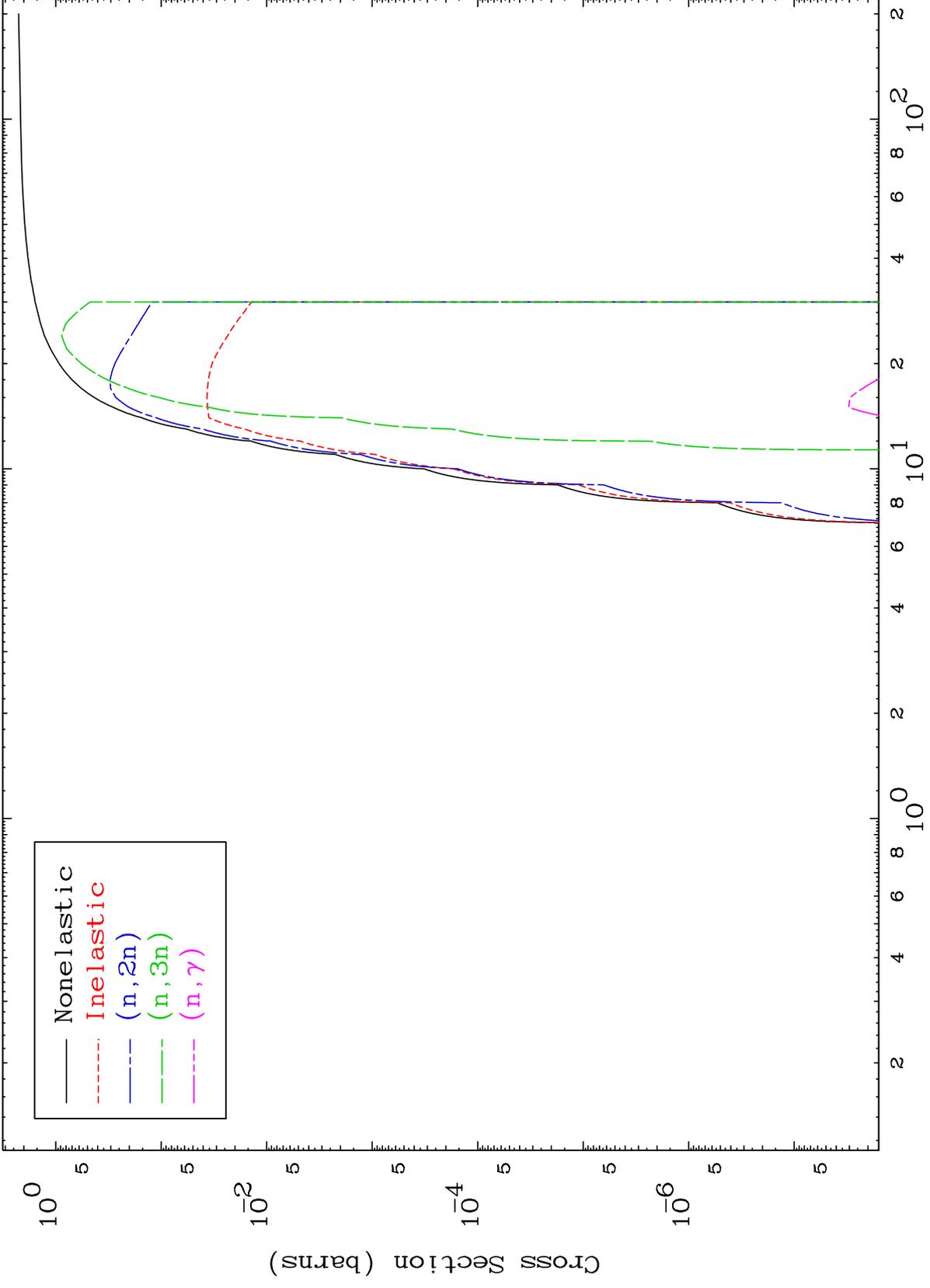
Press Mouse Button to Start

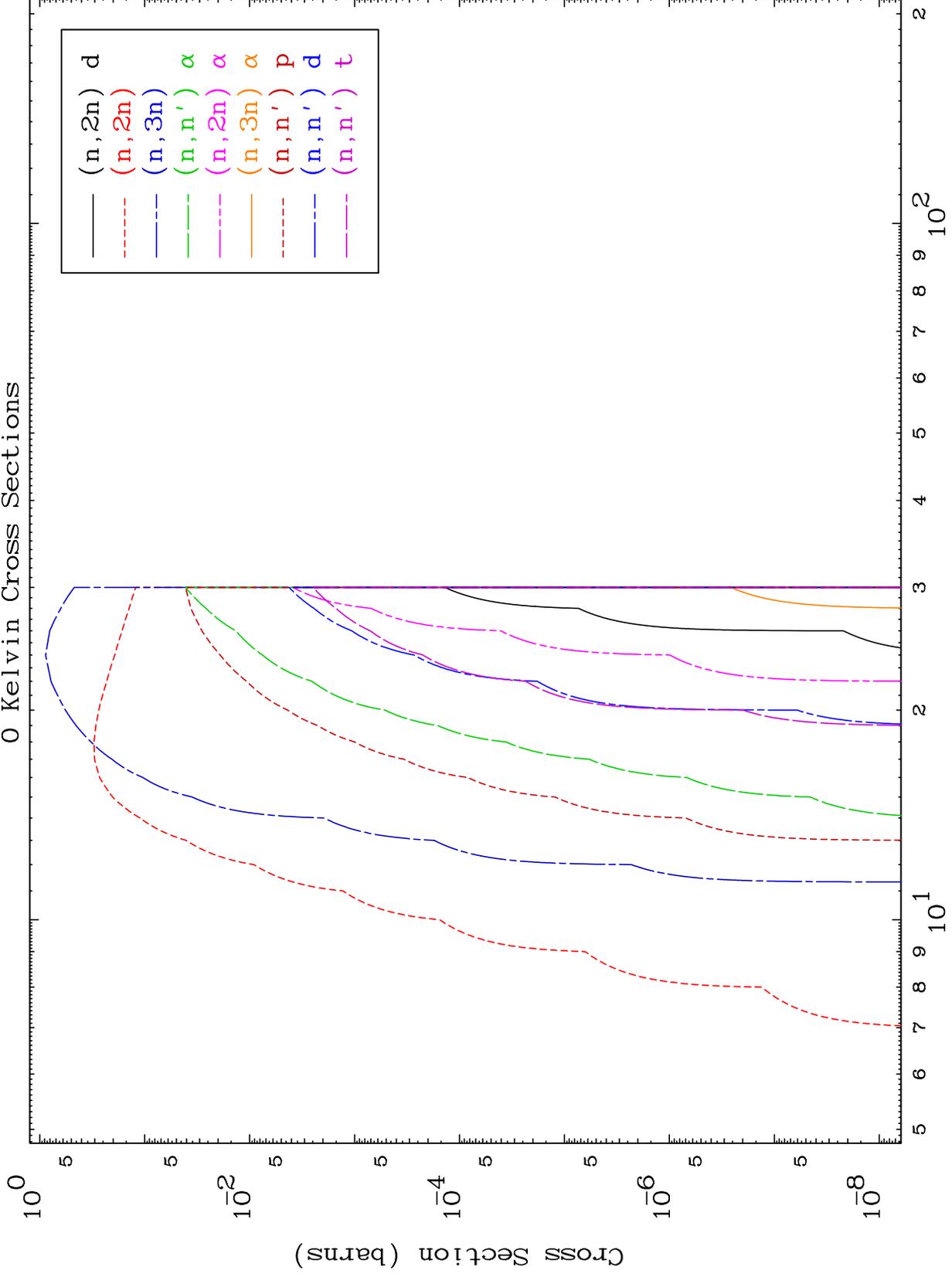
MAT 4876

$\alpha$  Major

48-Cd-123

0 Kelvin Cross Sections

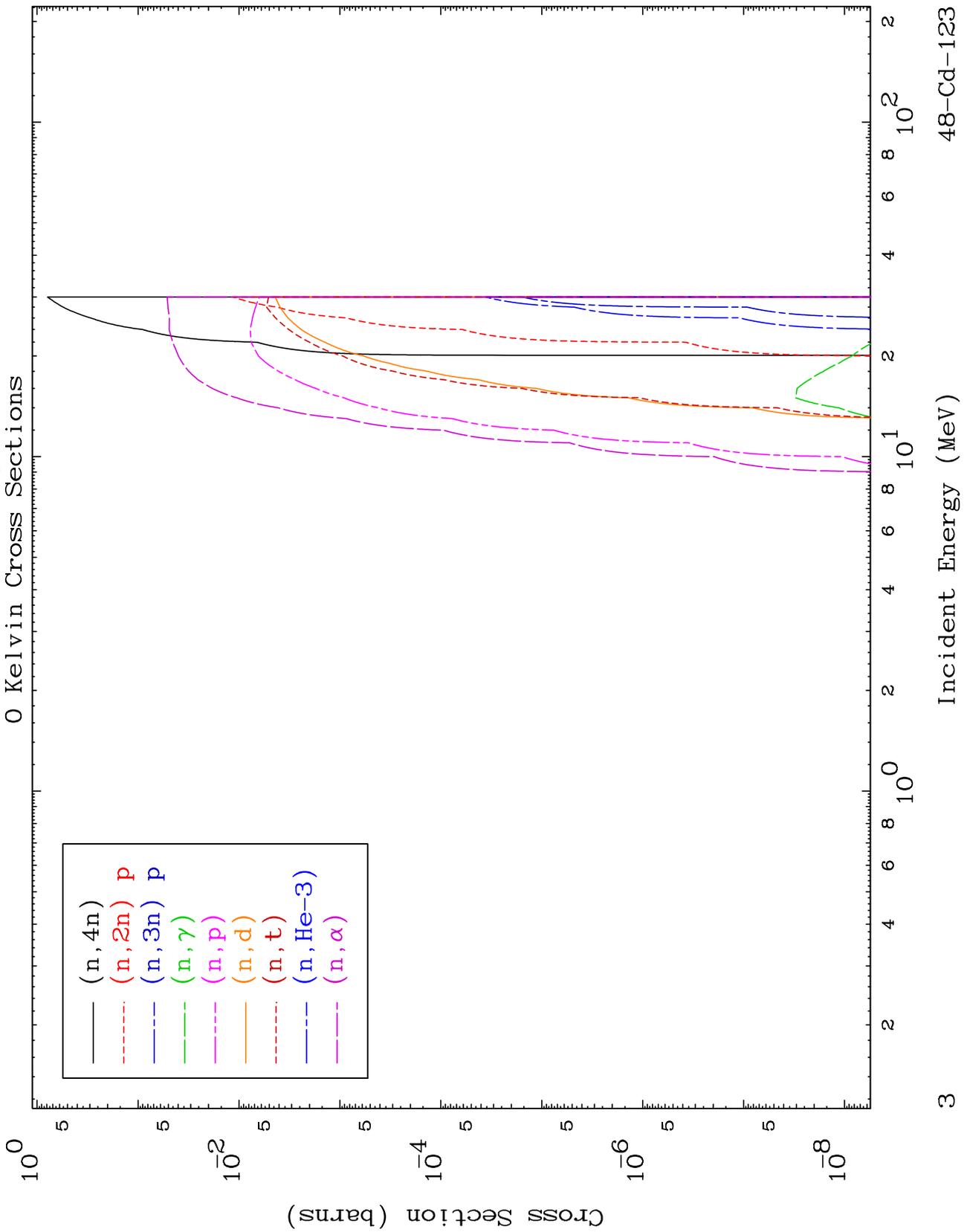




MAT 4876

$\alpha$  Neutron Absorption

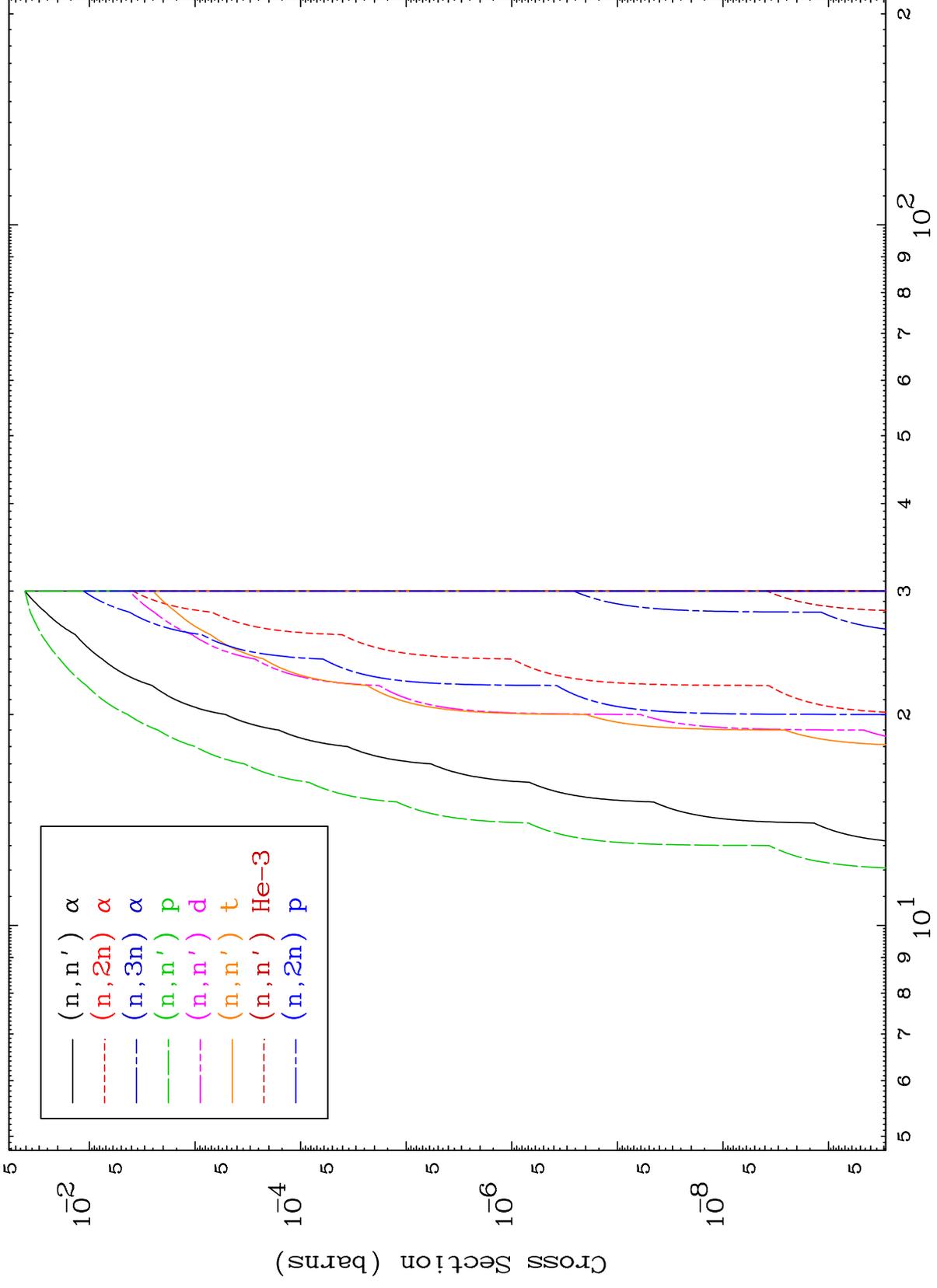
48-Cd-123



MAT 4876

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-123



4

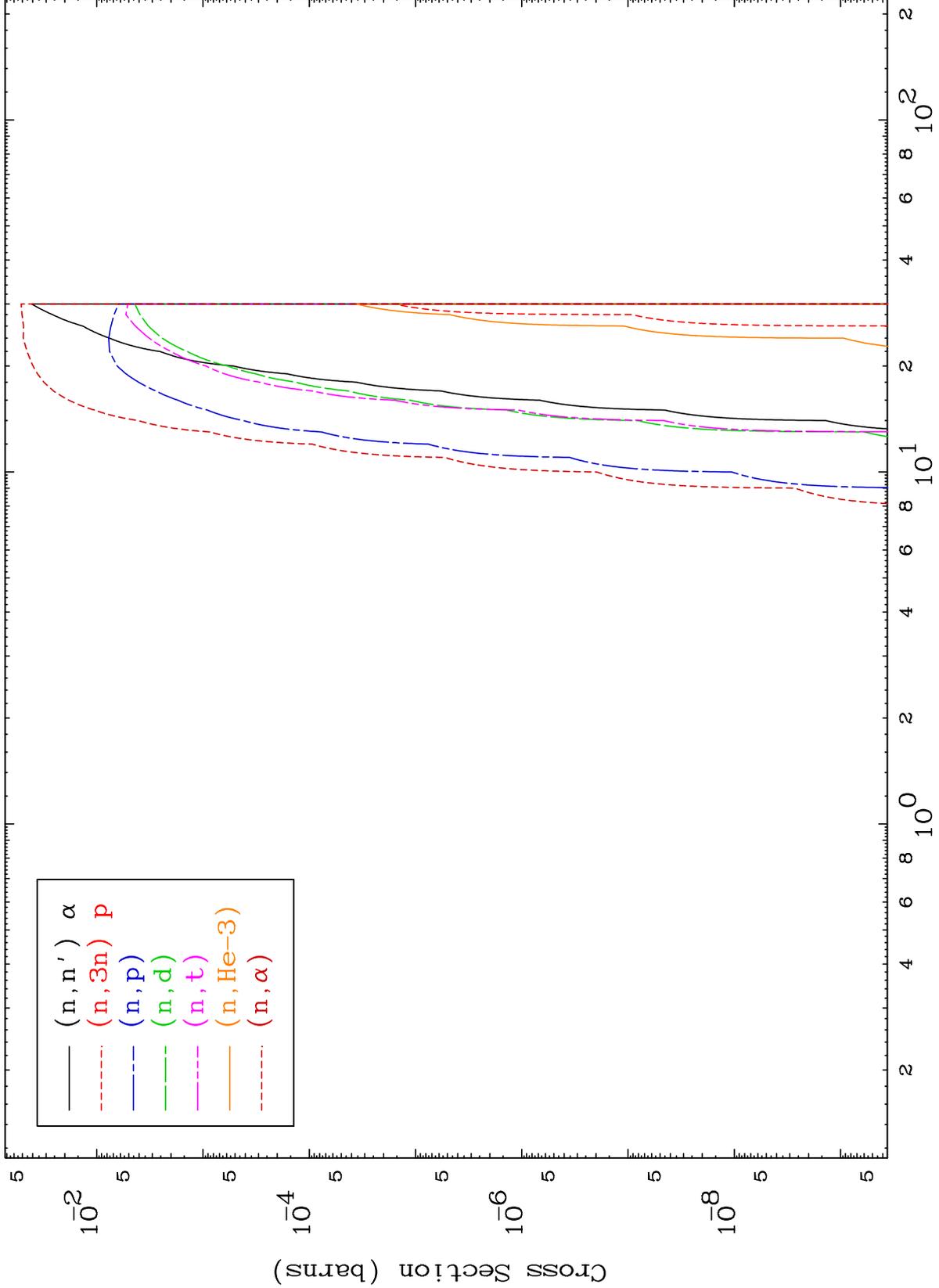
Incident Energy (MeV)

48-Cd-123

MAT 4876

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-123



5

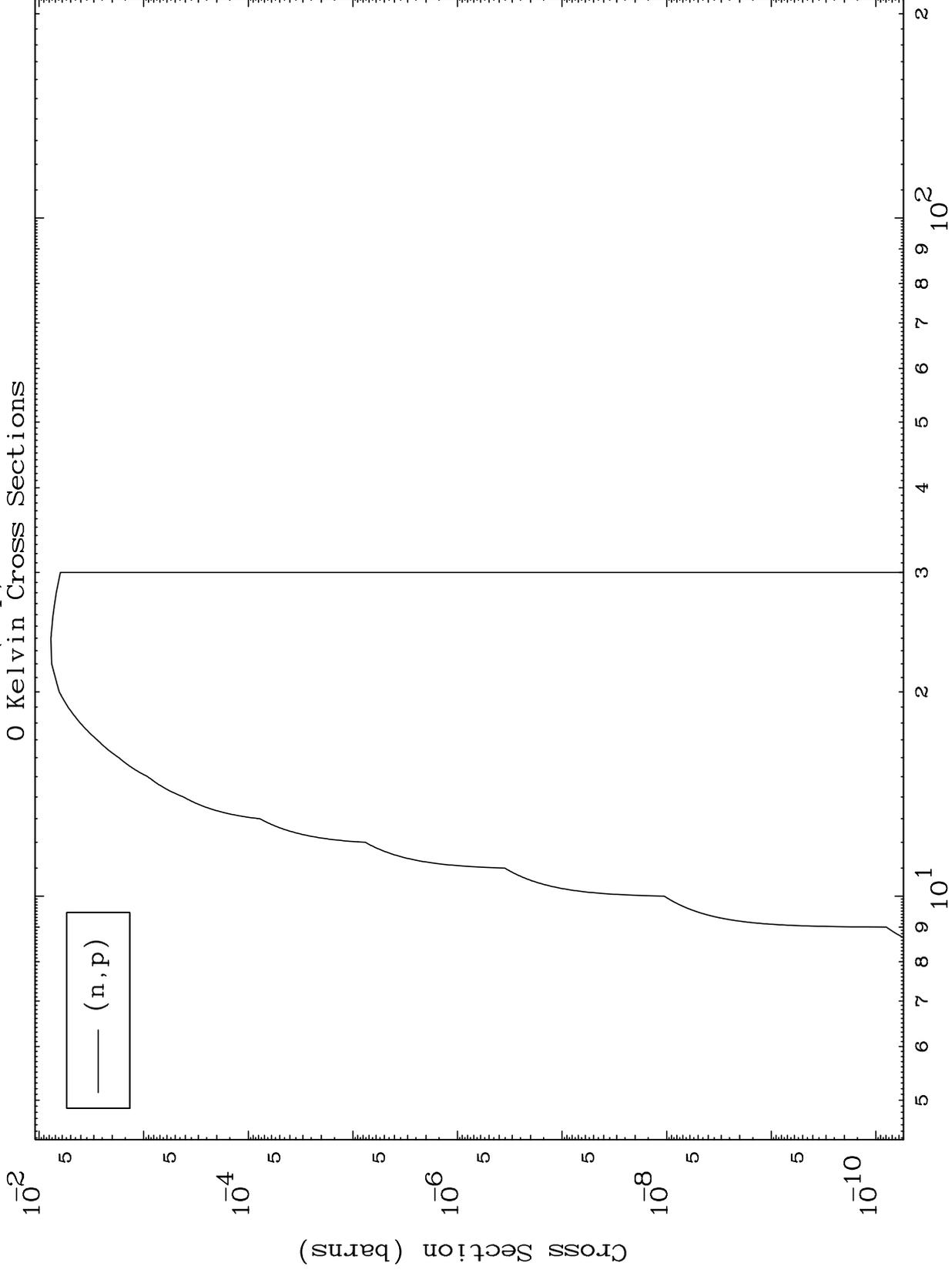
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

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



6

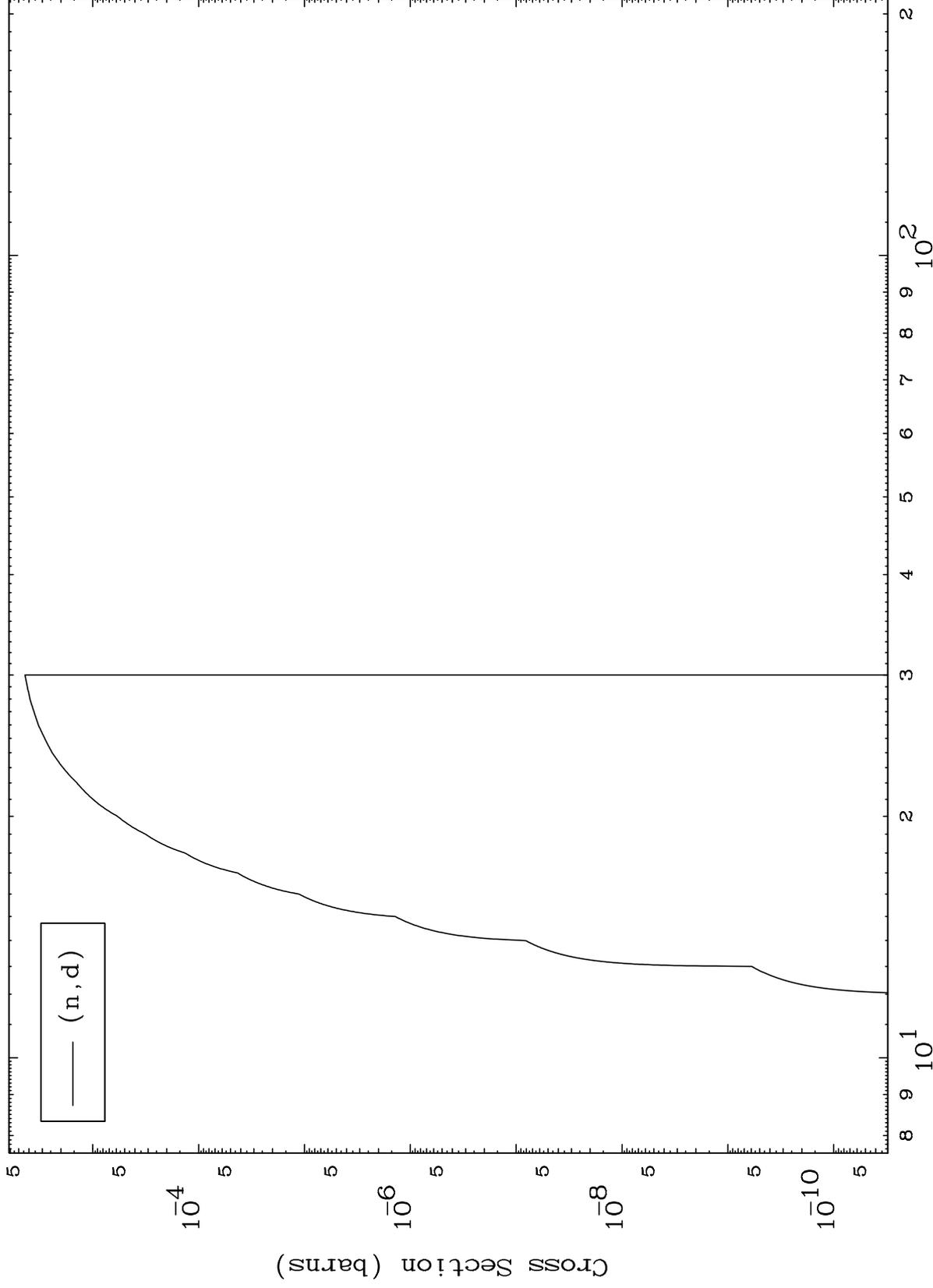
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



7

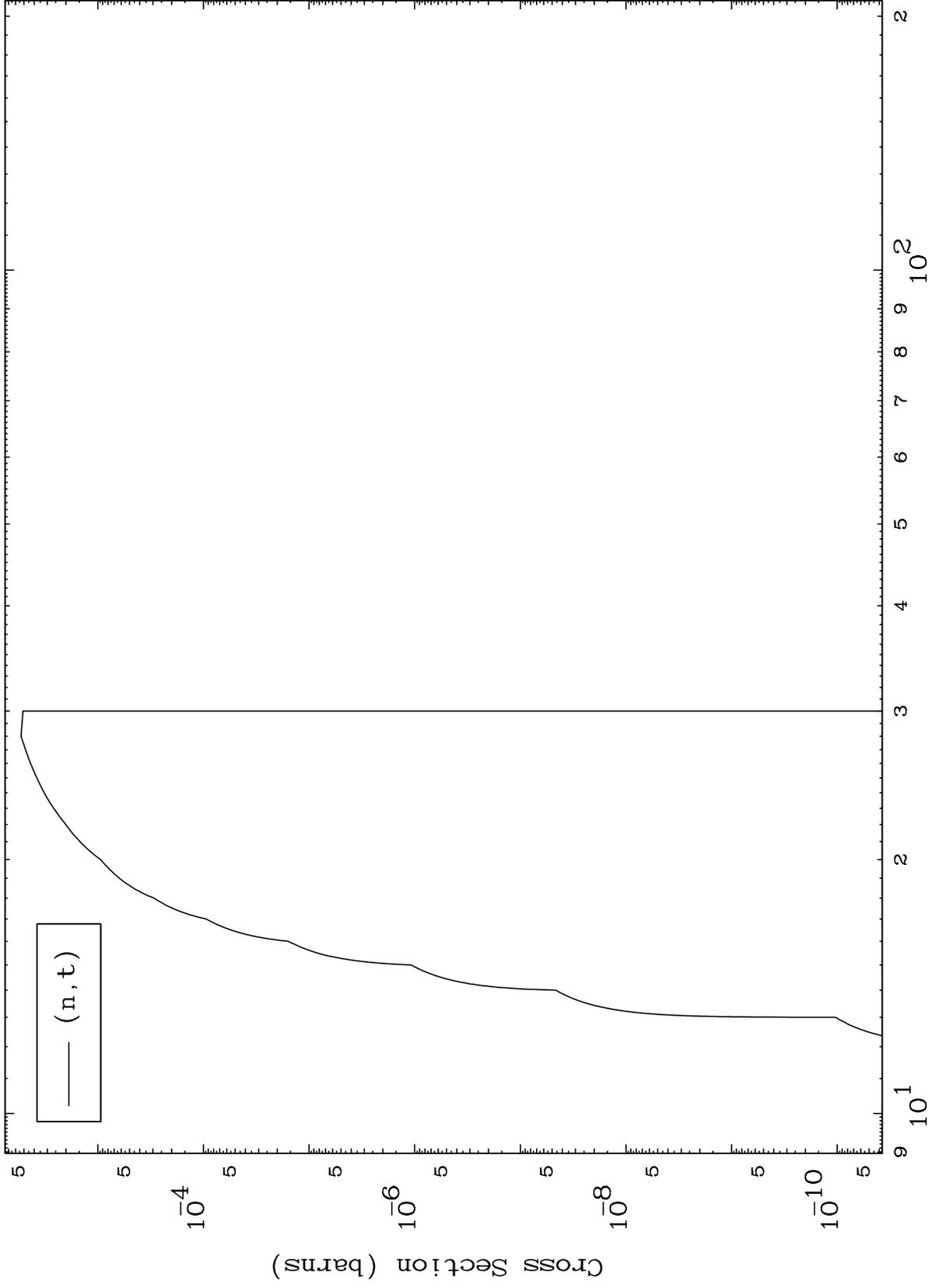
Incident Energy (MeV)

48-Cd-123

MAT 4876

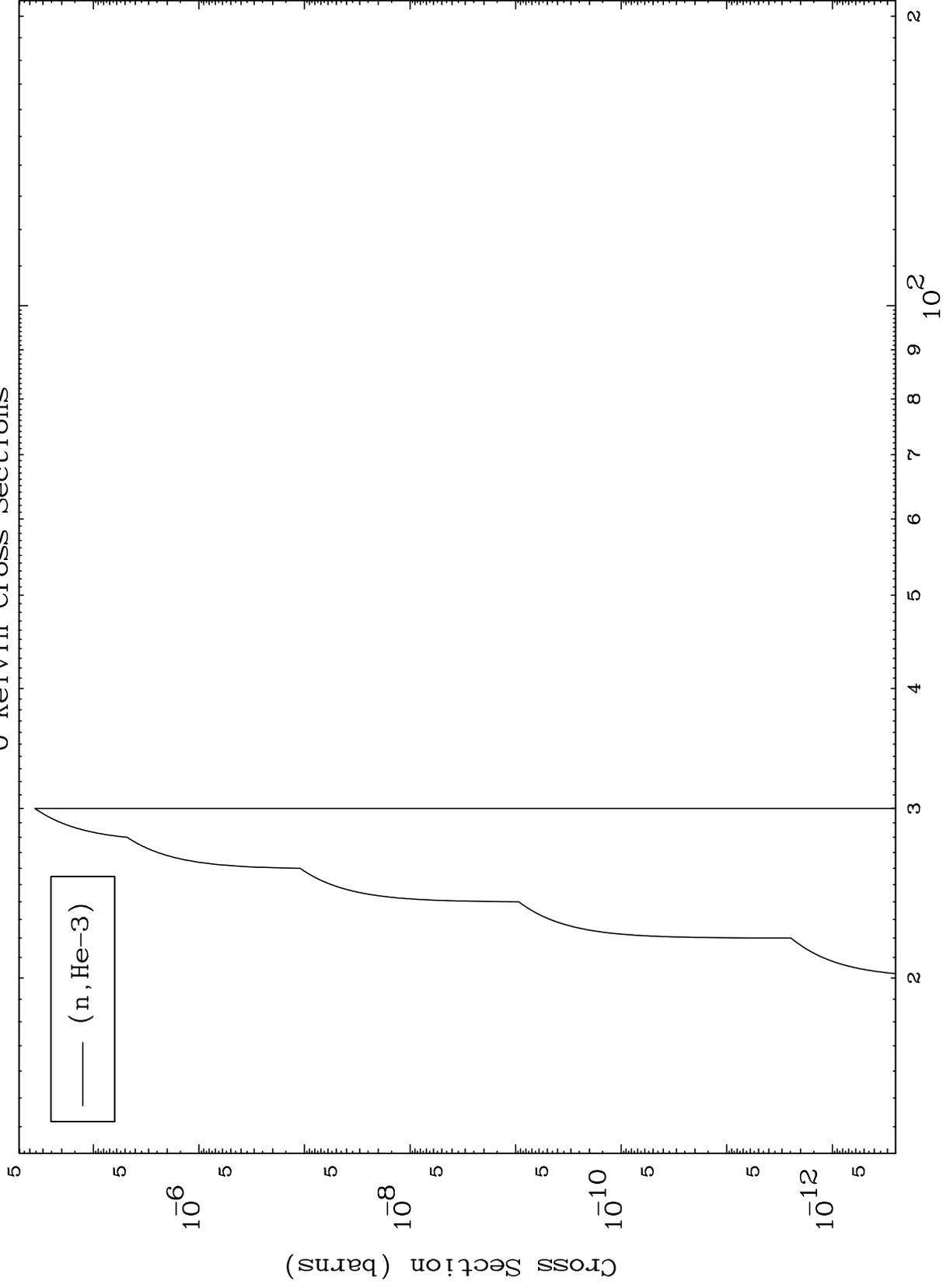
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

48-Cd-123



Incident Energy (MeV)

48-Cd-123

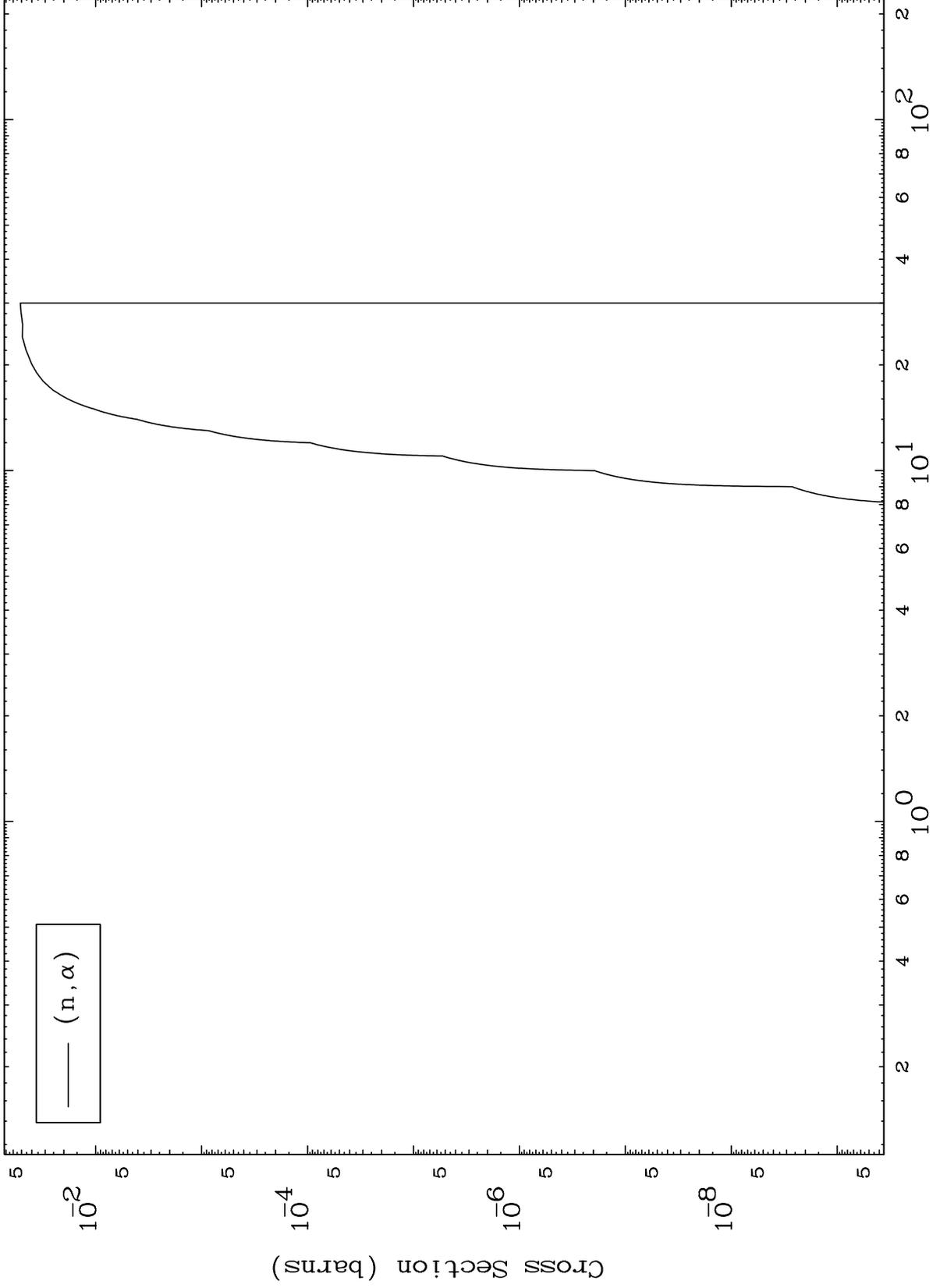


MAT 4876

( $\alpha, \alpha$ ) Levels

48-Cd-123

0 Kelvin Cross Sections



10

Incident Energy (MeV)

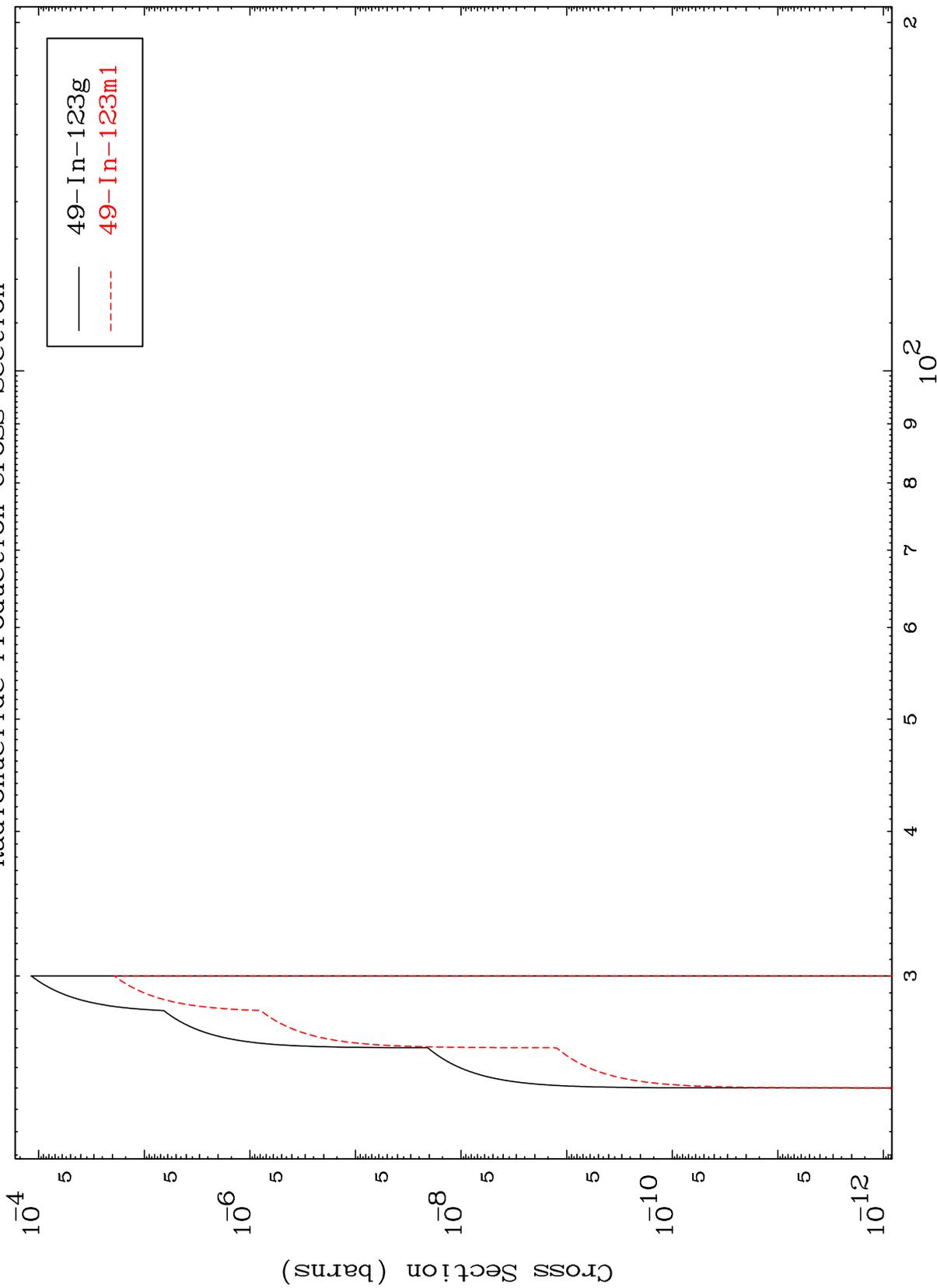
48-Cd-123

MAT 4876

(n,2n) d

48-Cd-123

Radionuclide Production Cross Section



11

Incident Energy (MeV)

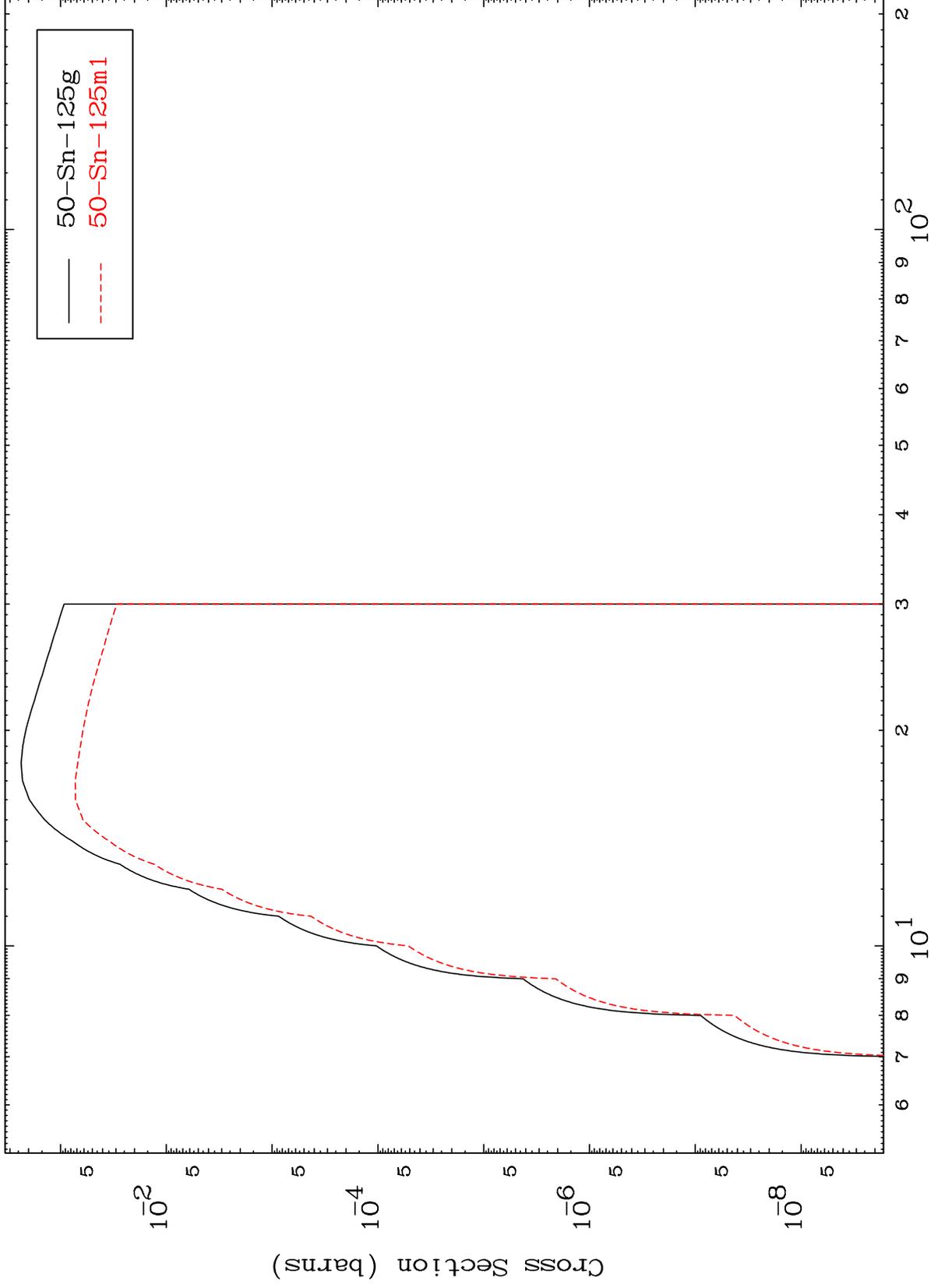
48-Cd-123

MAT 4876

(n,2n)

48-Cd-123

Radionuclide Production Cross Section



12

Incident Energy (MeV)

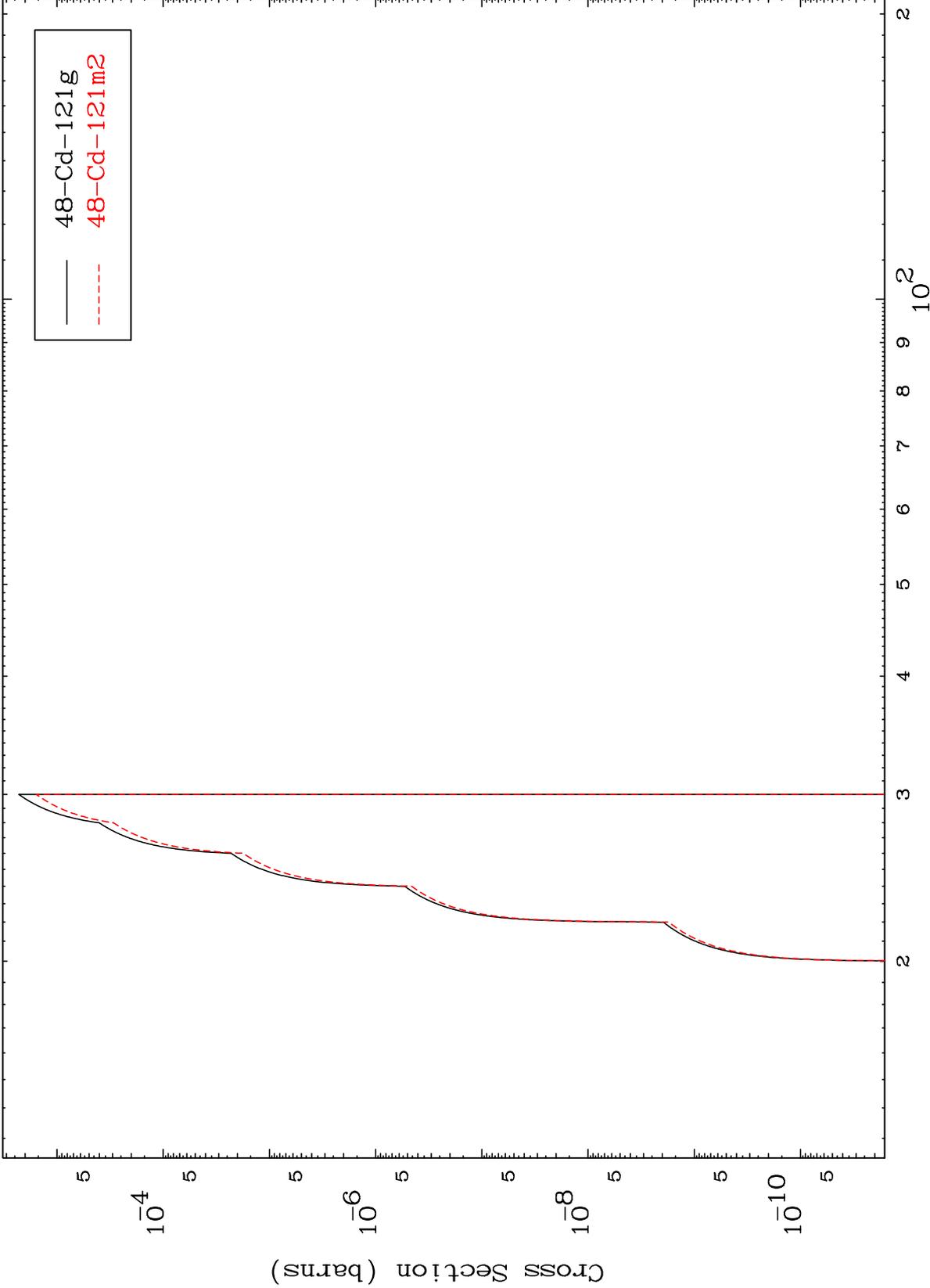
48-Cd-123

MAT 4876

(n,2n)  $\alpha$

48-Cd-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

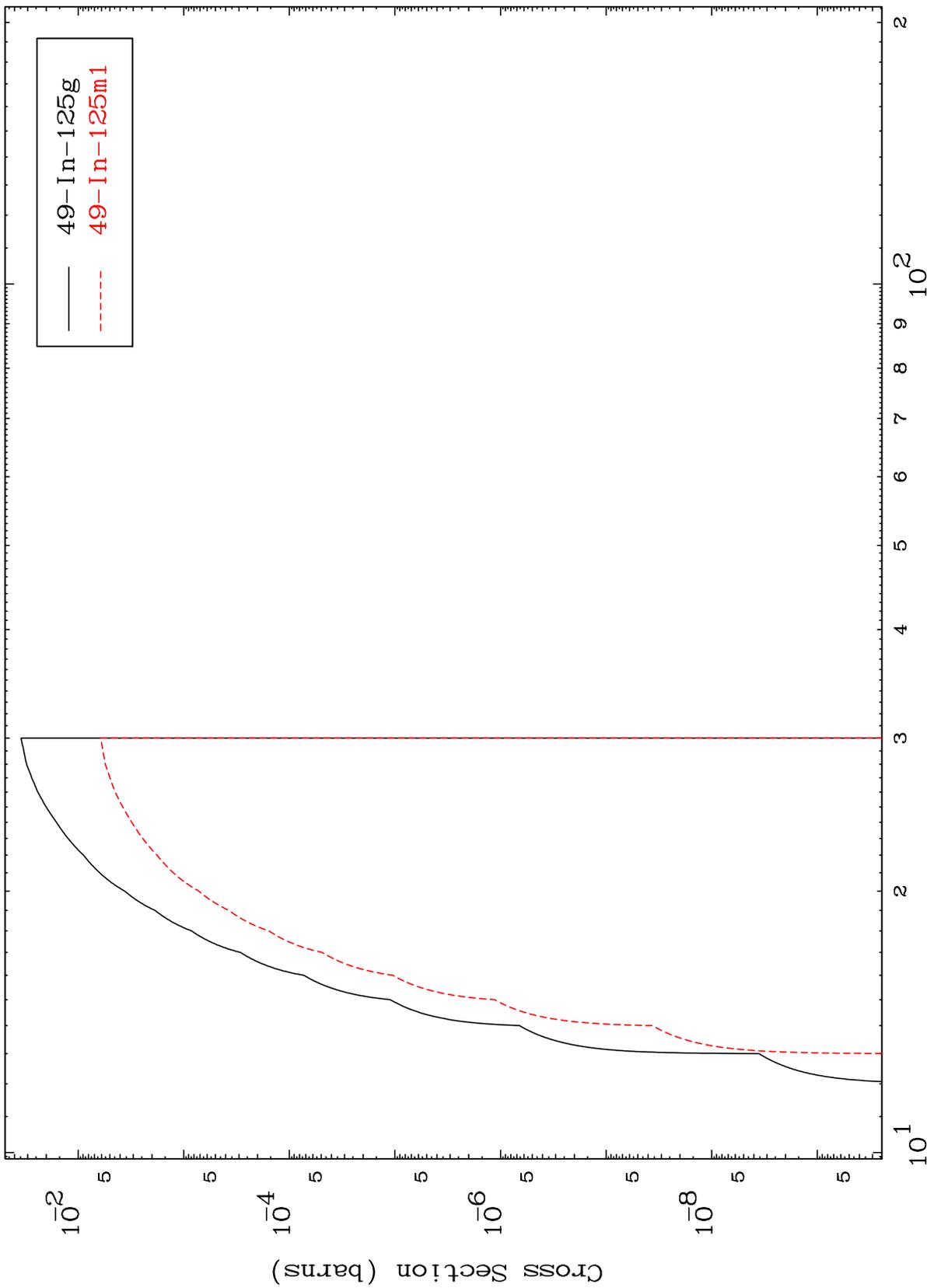
48-Cd-123

MAT 4876

(n,n') p

48-Cd-123

Radionuclide Production Cross Section



10<sup>1</sup>

Incident Energy (MeV)

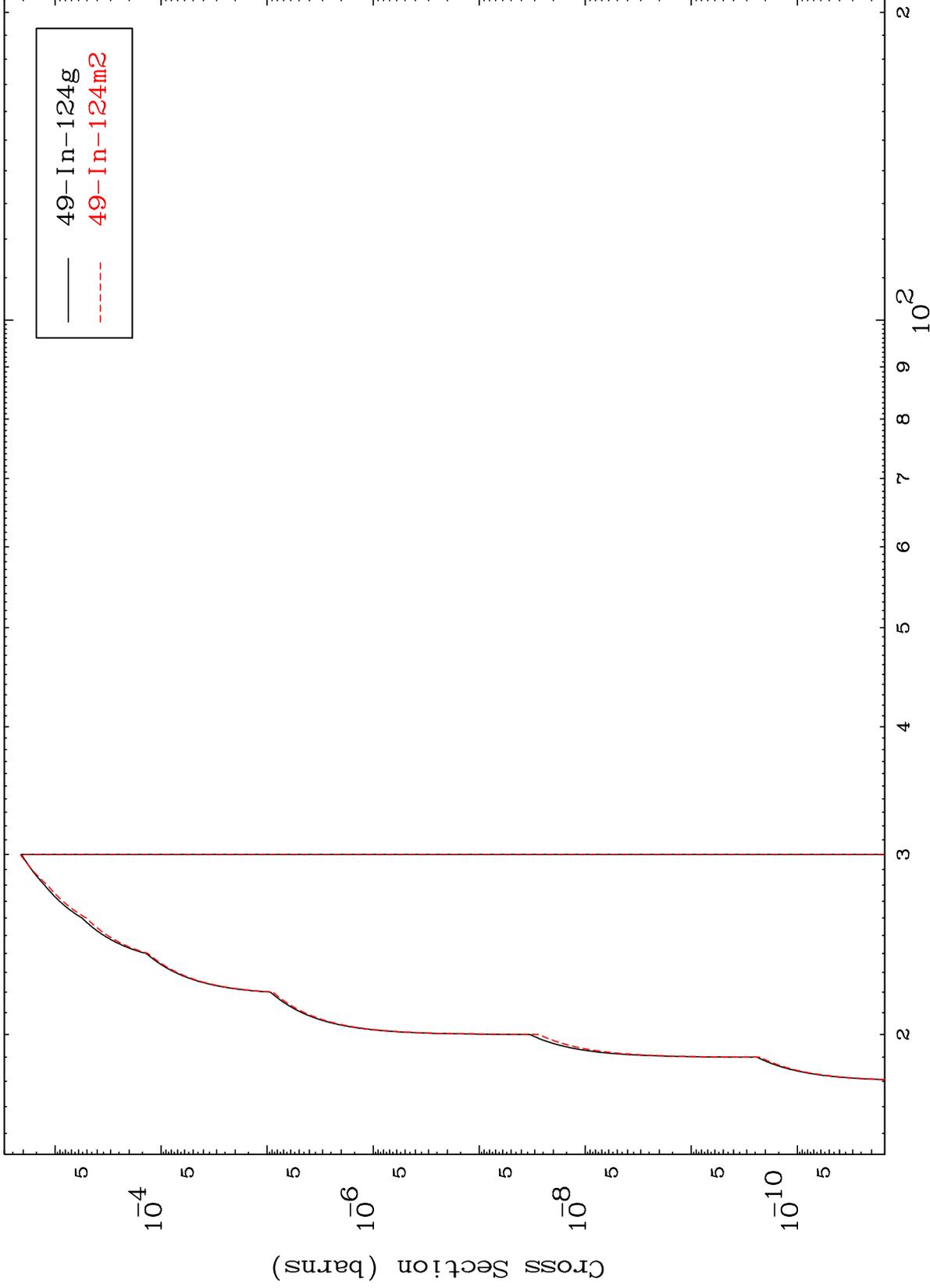
48-Cd-123

MAT 4876

(n,n') d

48-Cd-123

Radionuclide Production Cross Section

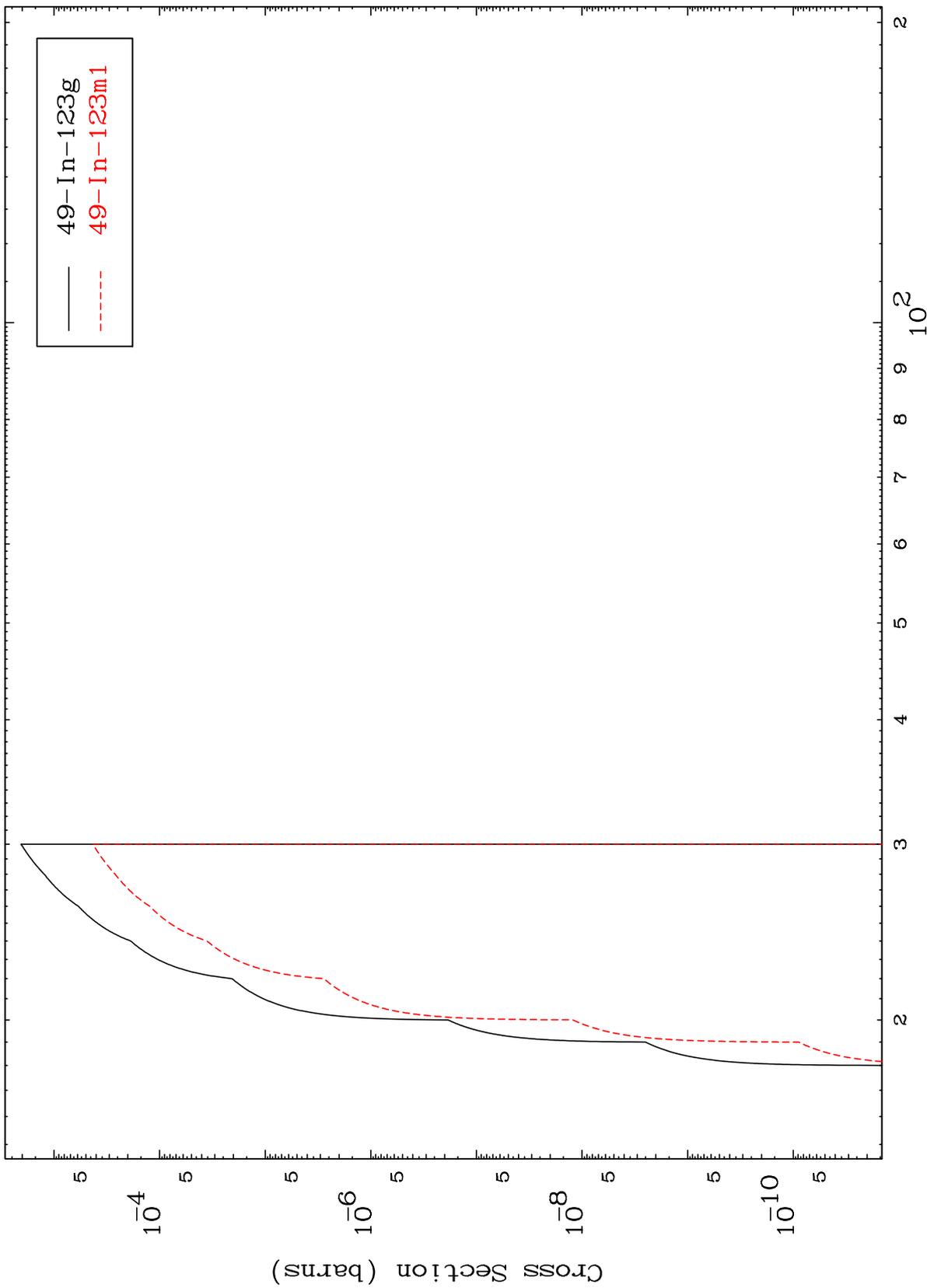


15

Incident Energy (MeV)

48-Cd-123

Radionuclide Production Cross Section

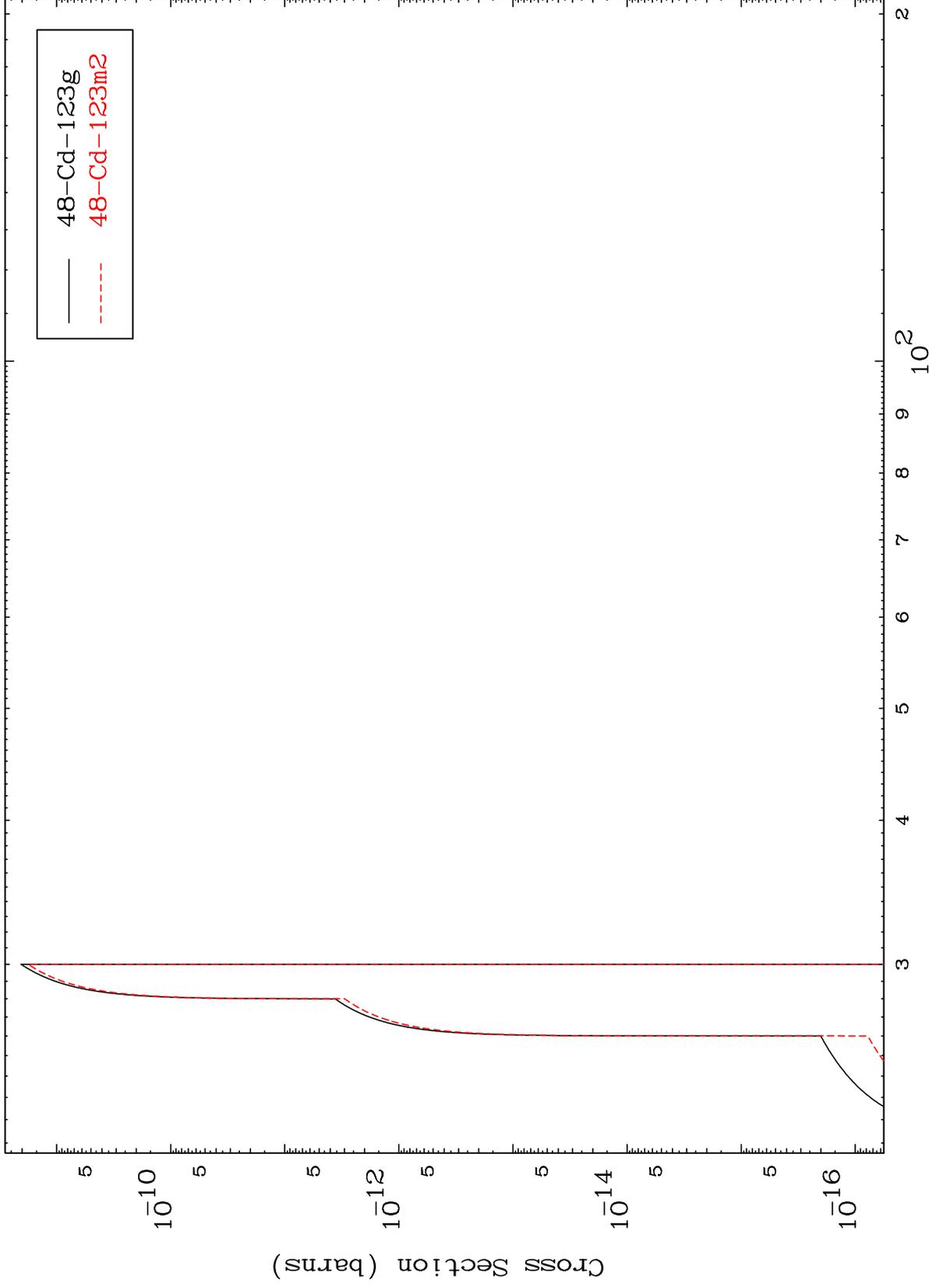


MAT 4876

(n,n') He-3

48-Cd-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

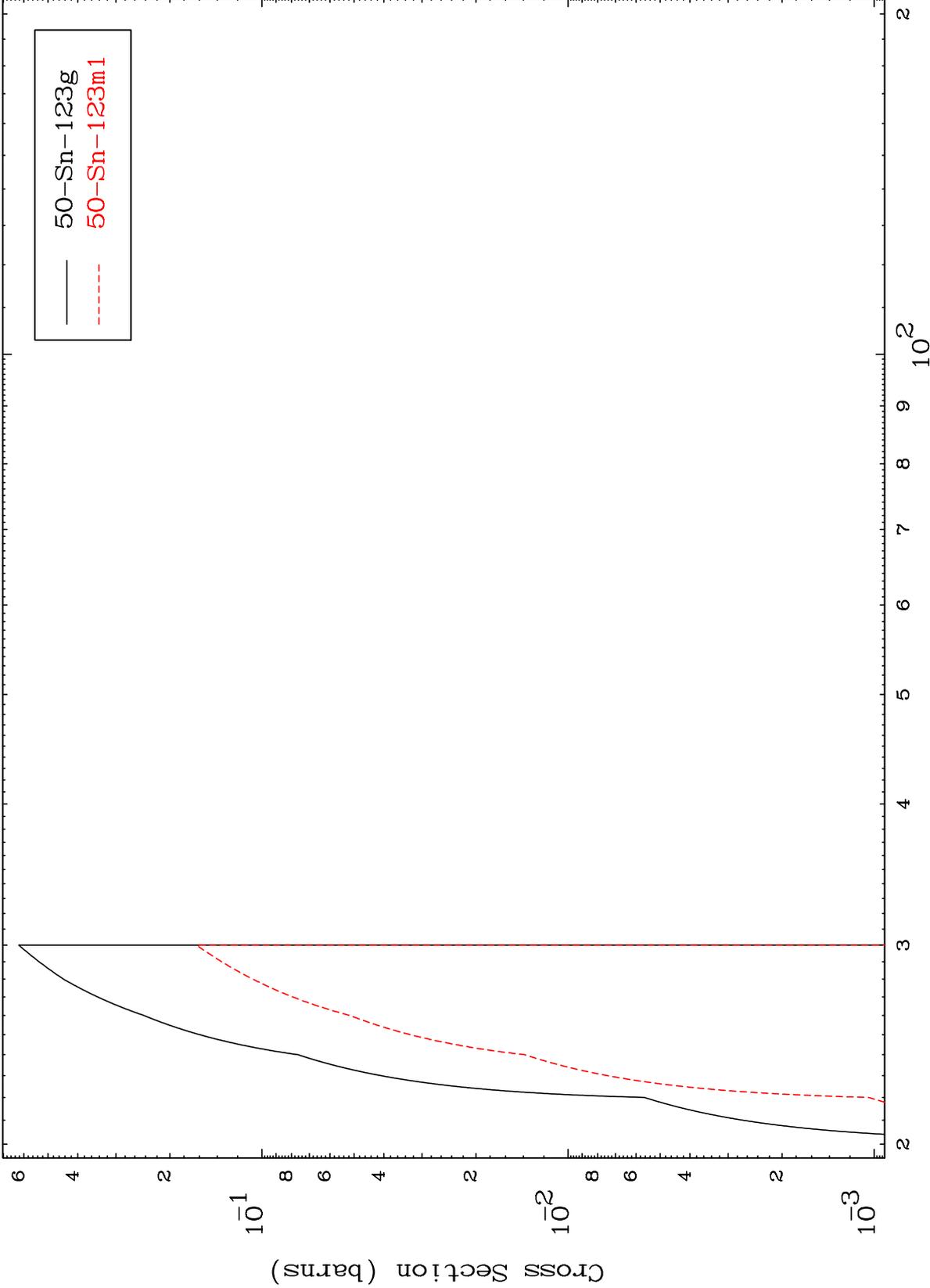
48-Cd-123

MAT 4876

(n,4n)

48-Cd-123

Radionuclide Production Cross Section



50-Sn-123g  
50-Sn-123m1

18

Incident Energy (MeV)

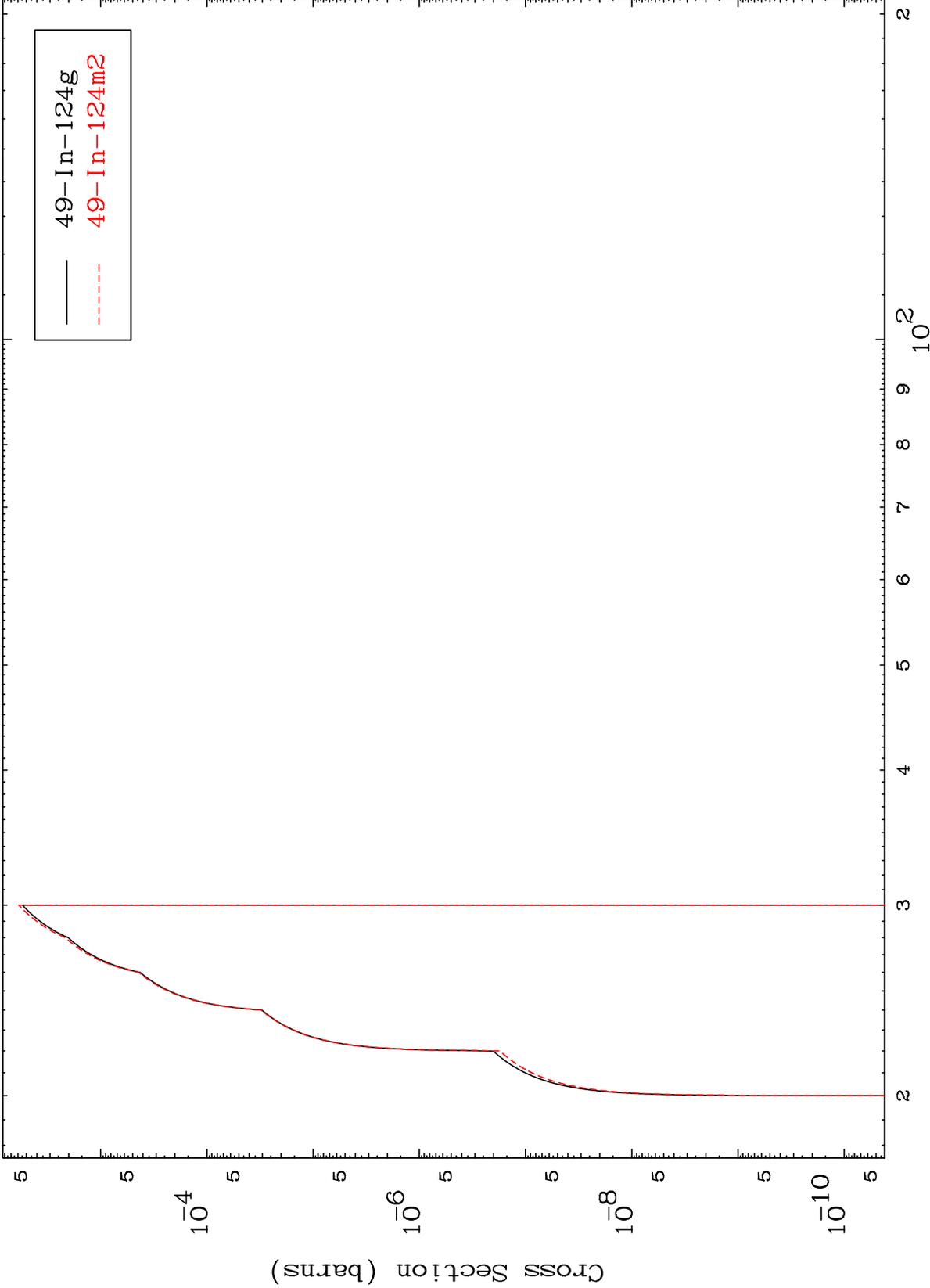
48-Cd-123

MAT 4876

(n,2n) p

48-Cd-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

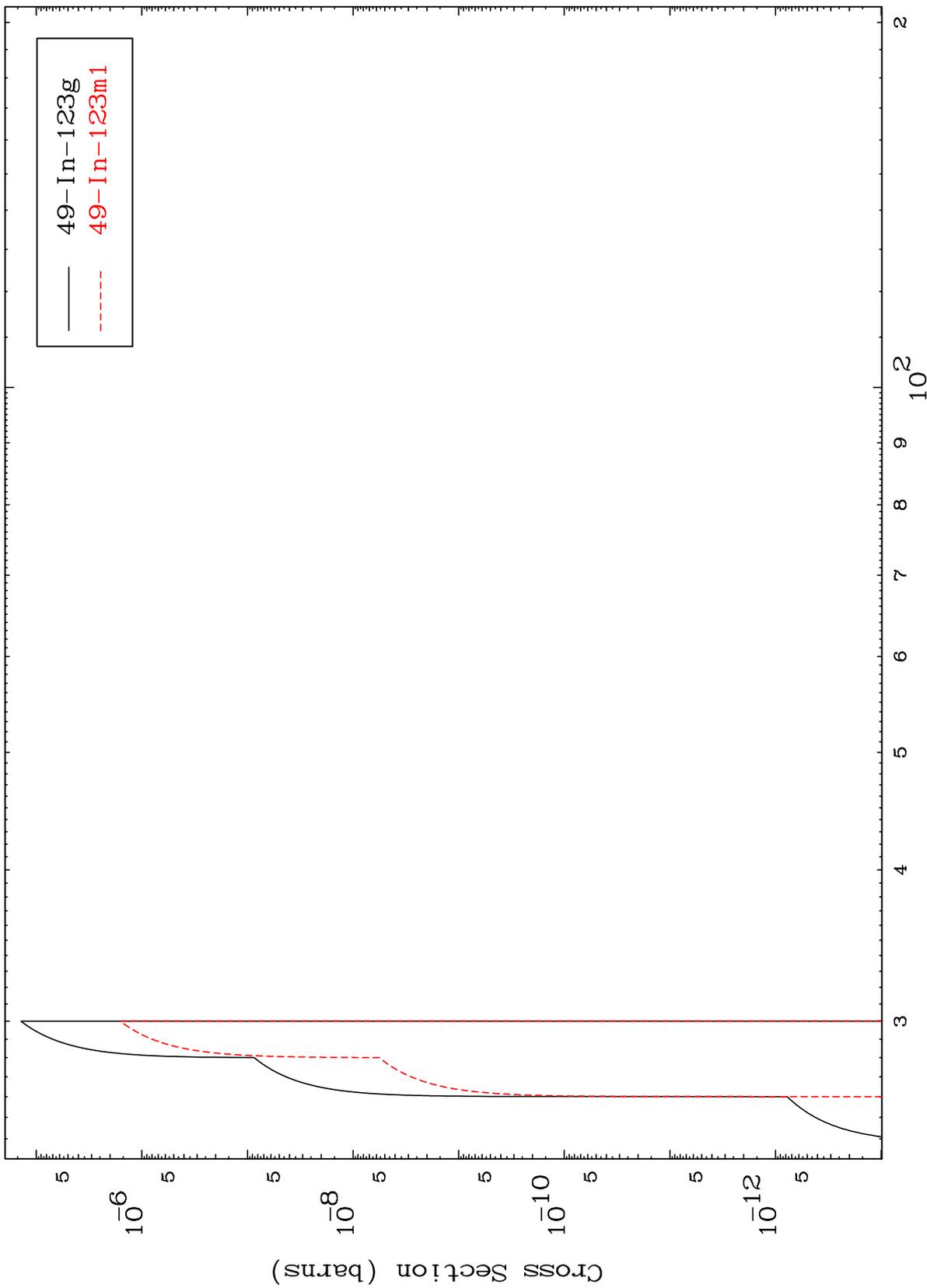
48-Cd-123

MAT 4876

(n,3n) p

48-Cd-123

Radionuclide Production Cross Section



20

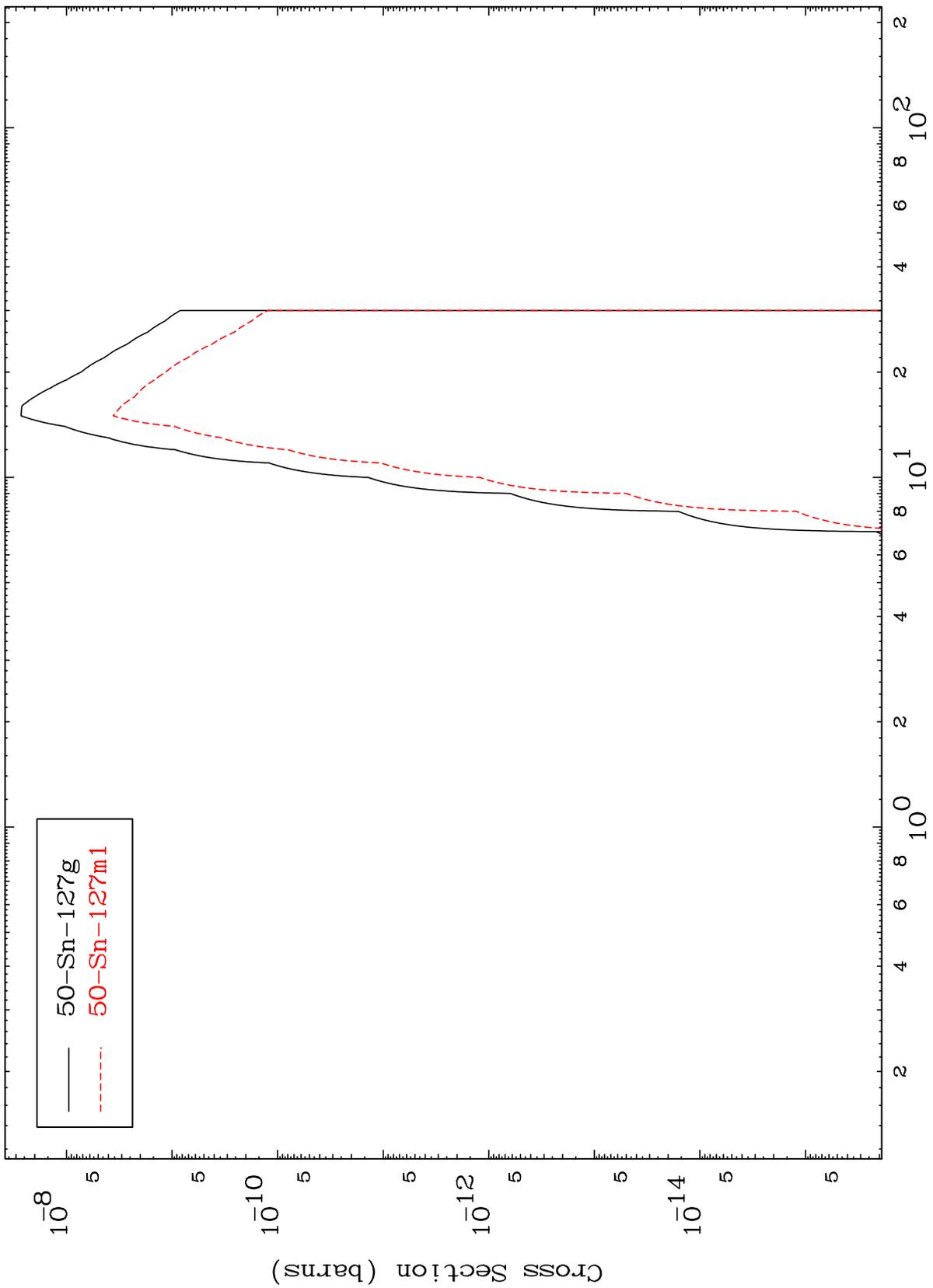
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

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

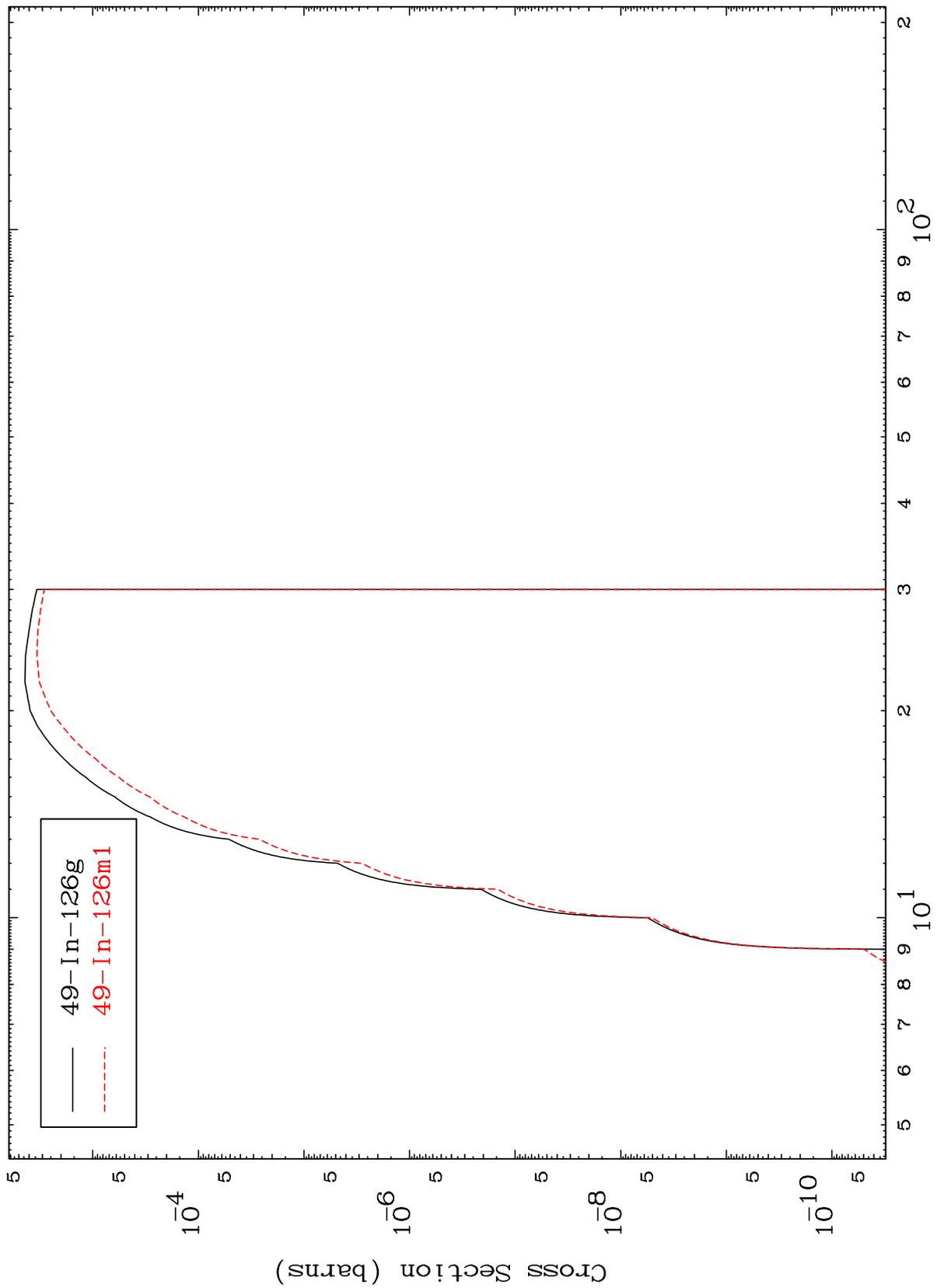


— 50-Sn-127g  
- - - 50-Sn-127m1

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48-Cd-123

(n,p)  
Radionuclide Production Cross Section

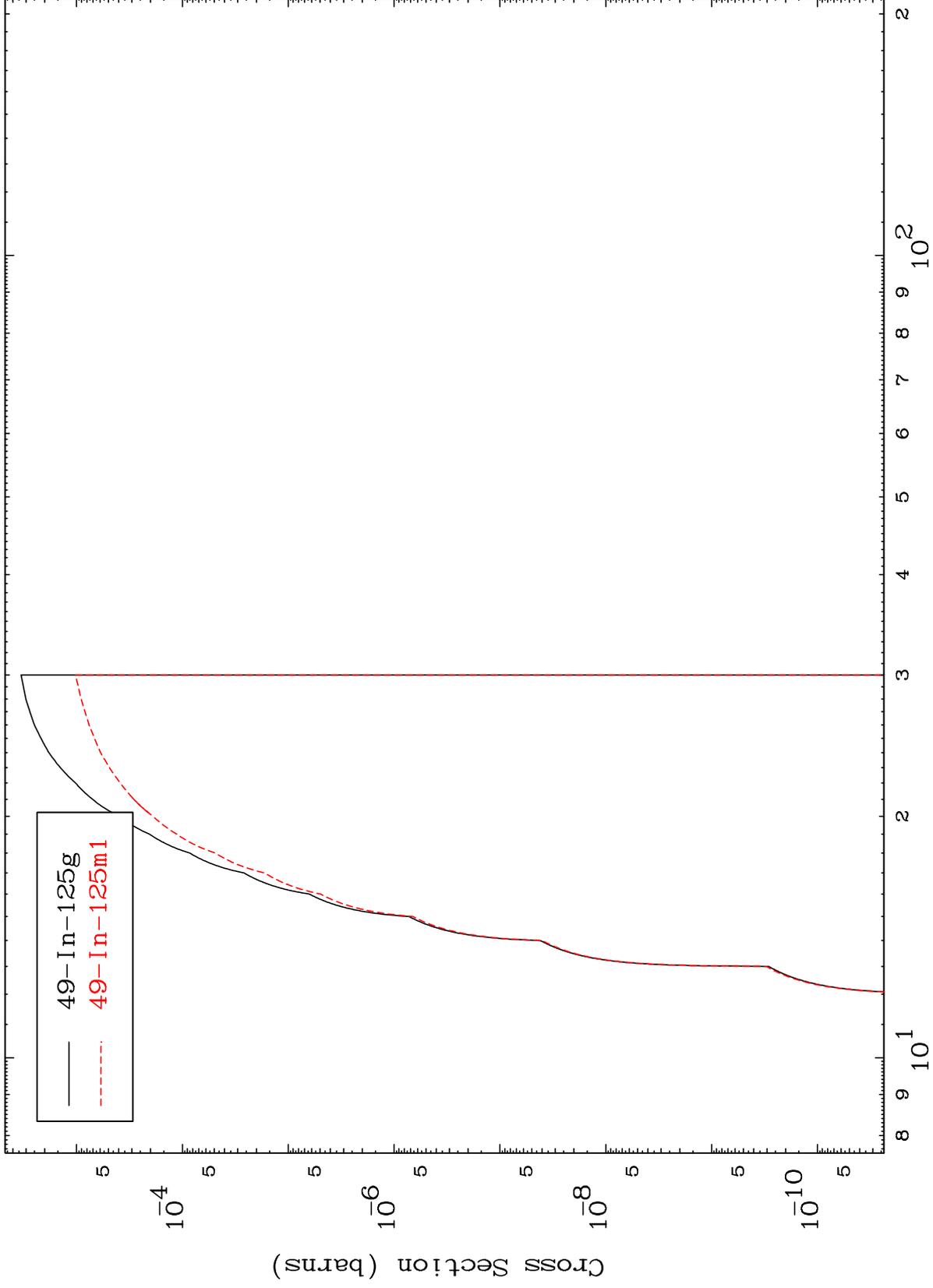


— 49-In-126g  
- - - 49-In-126m1

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48-Cd-123

(n,d)  
Radionuclide Production Cross Section



23

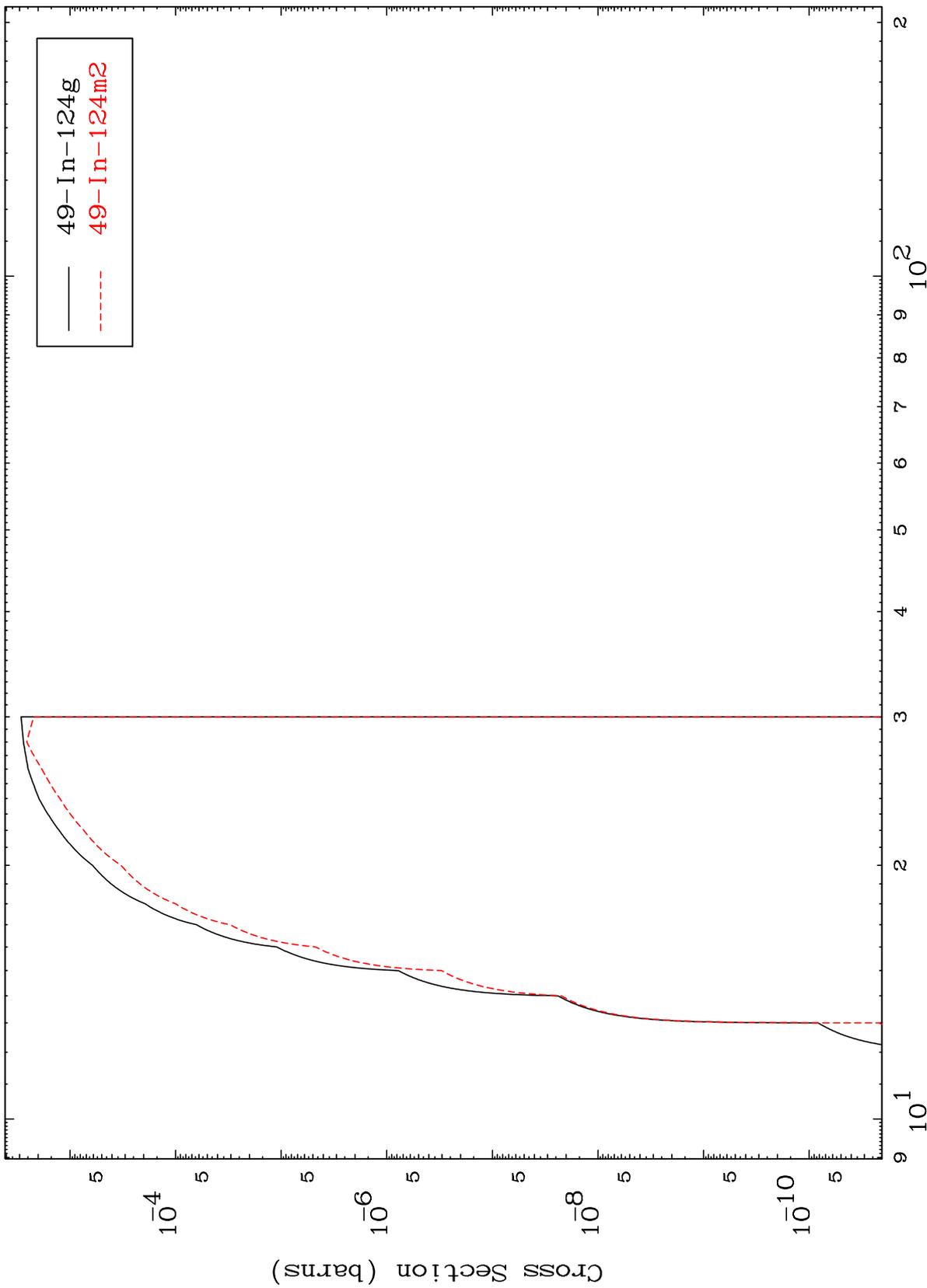
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

(n,t)  
Radionuclide Production Cross Section



48-Cd-123

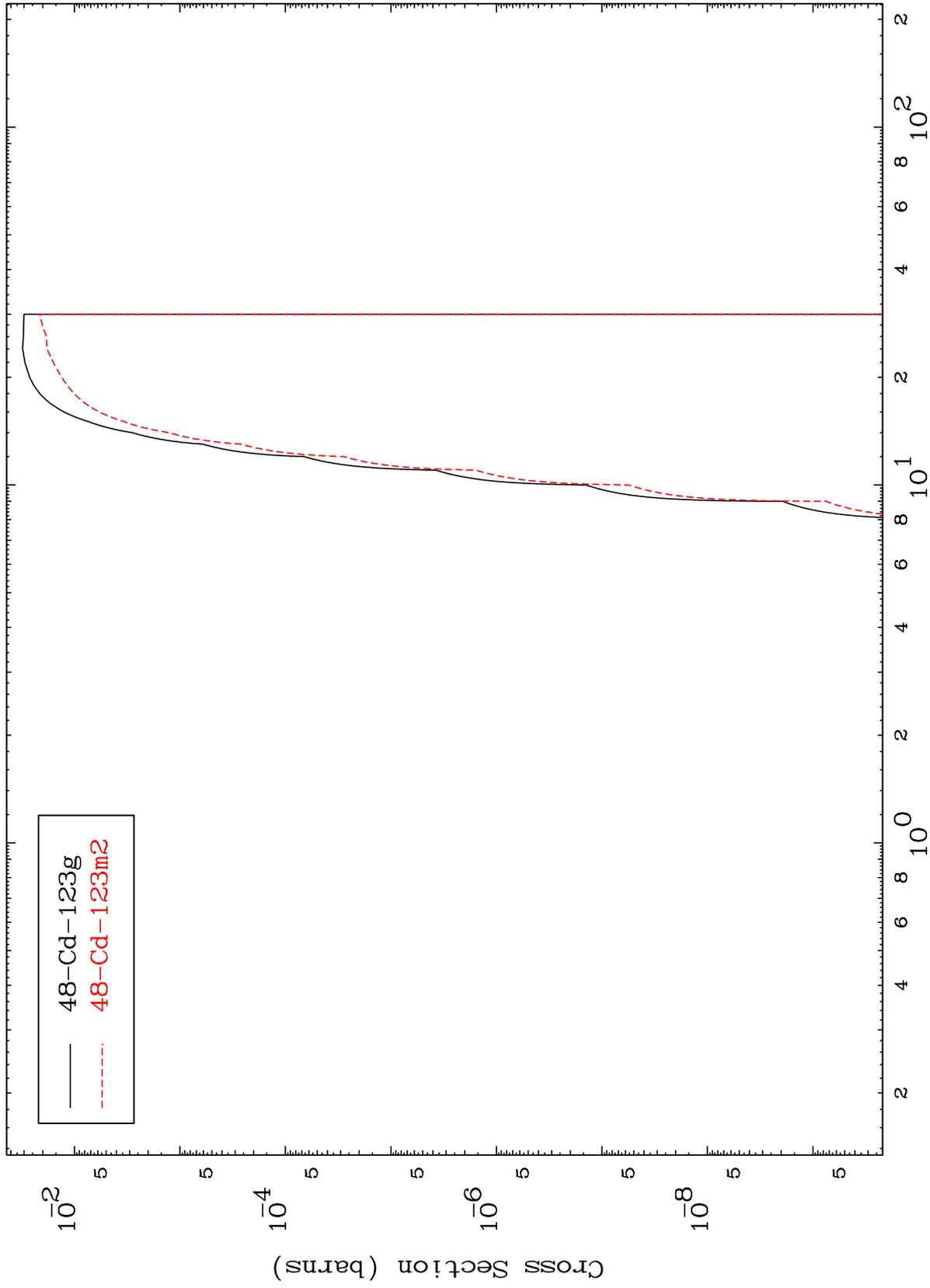
Incident Energy (MeV)

24

MAT 4876

48-Cd-123

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



25

48-Cd-123

Incident Energy (MeV)