

Program EVALPLOT  
(Version 2021-1)

by

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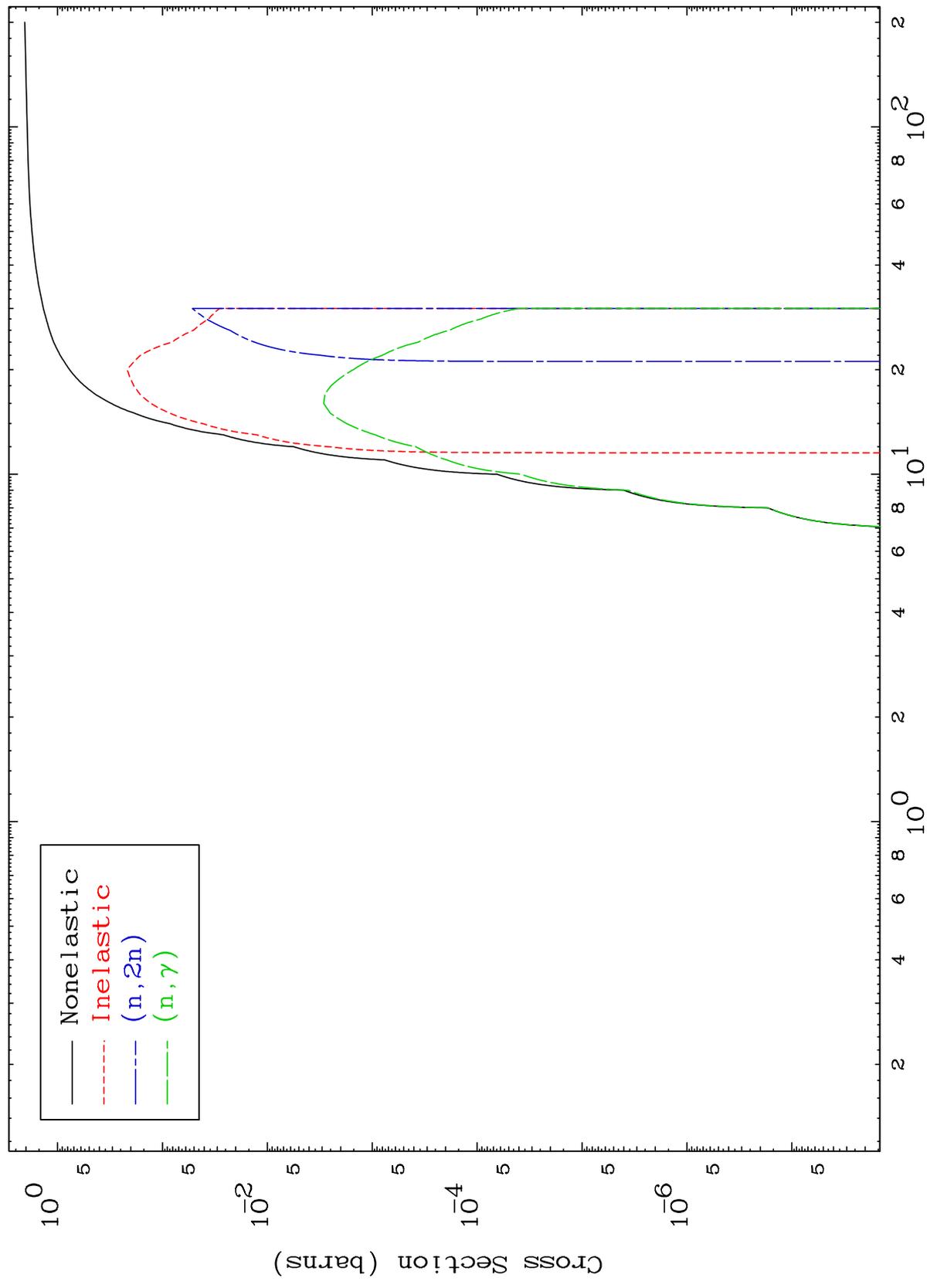
Press Mouse Button to Start

MAT 4819

0 Kelvin

$\alpha$  Major Cross Sections

48-Cd-104

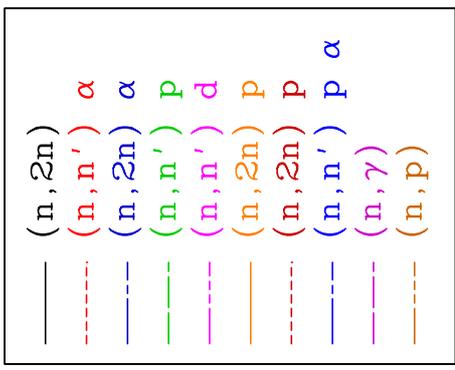
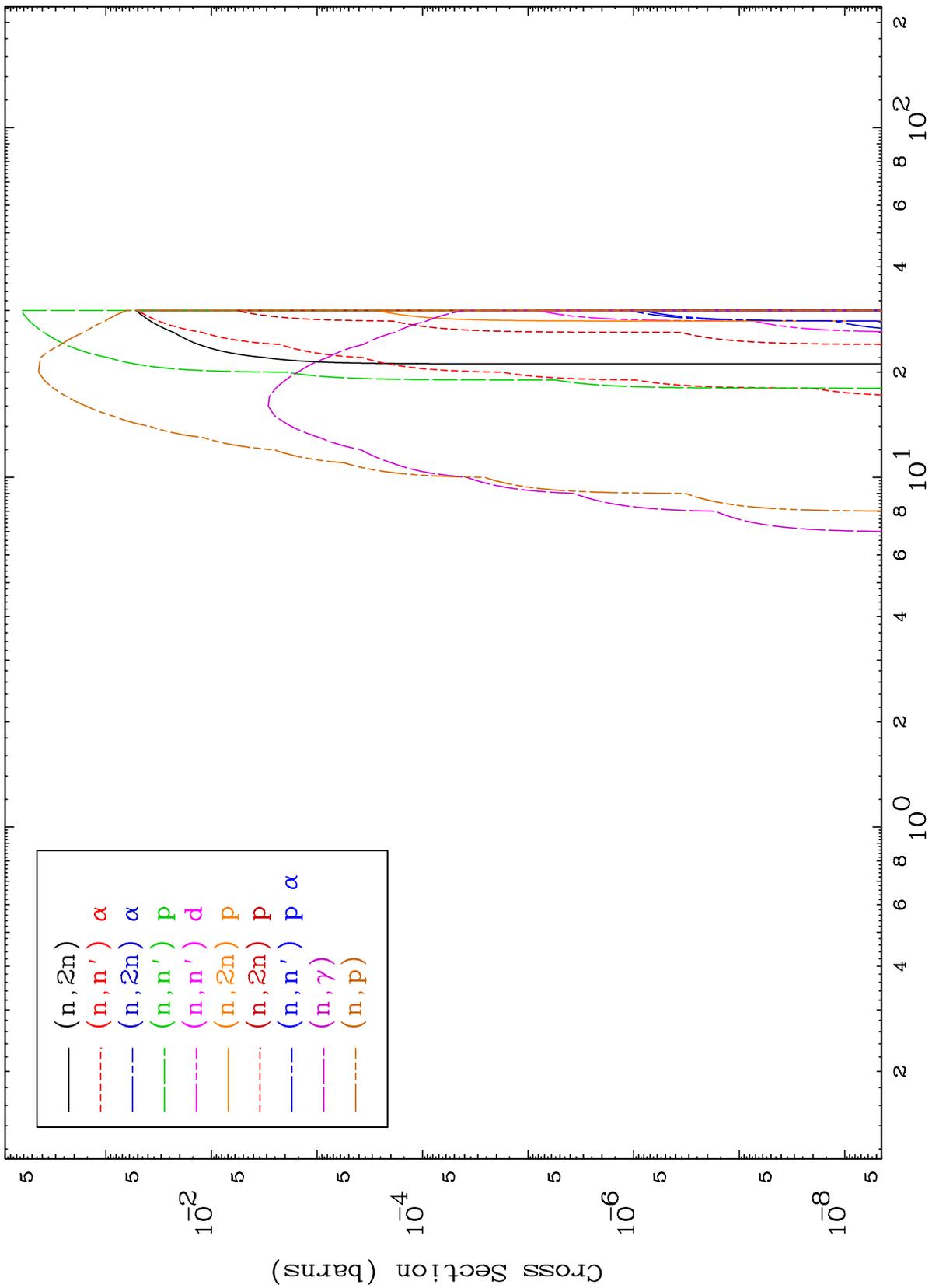


MAT 4819

$\alpha$  Neutron Absorption

48-Cd-104

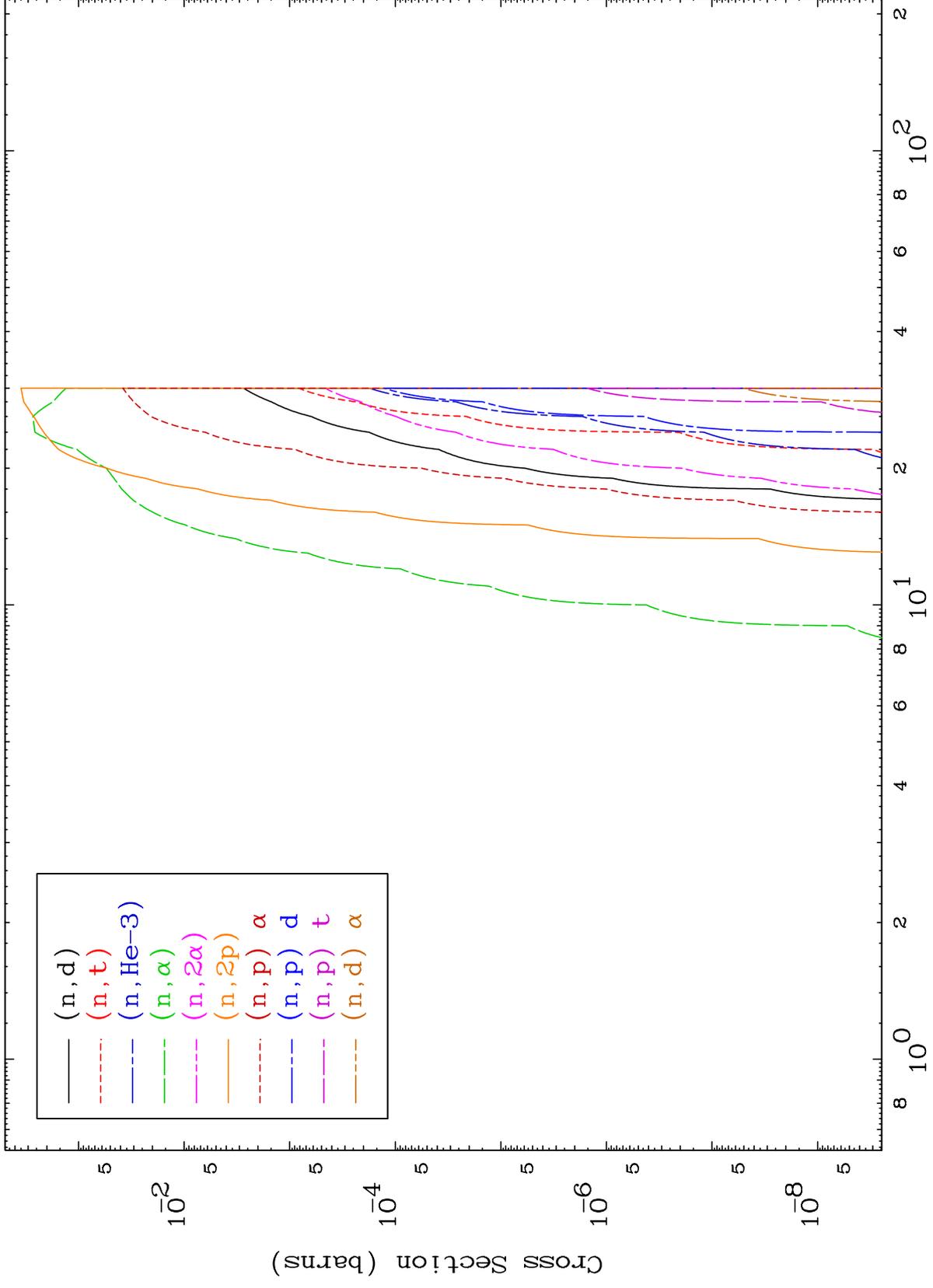
0 Kelvin Cross Sections



MAT 4819

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

48-Cd-104



3

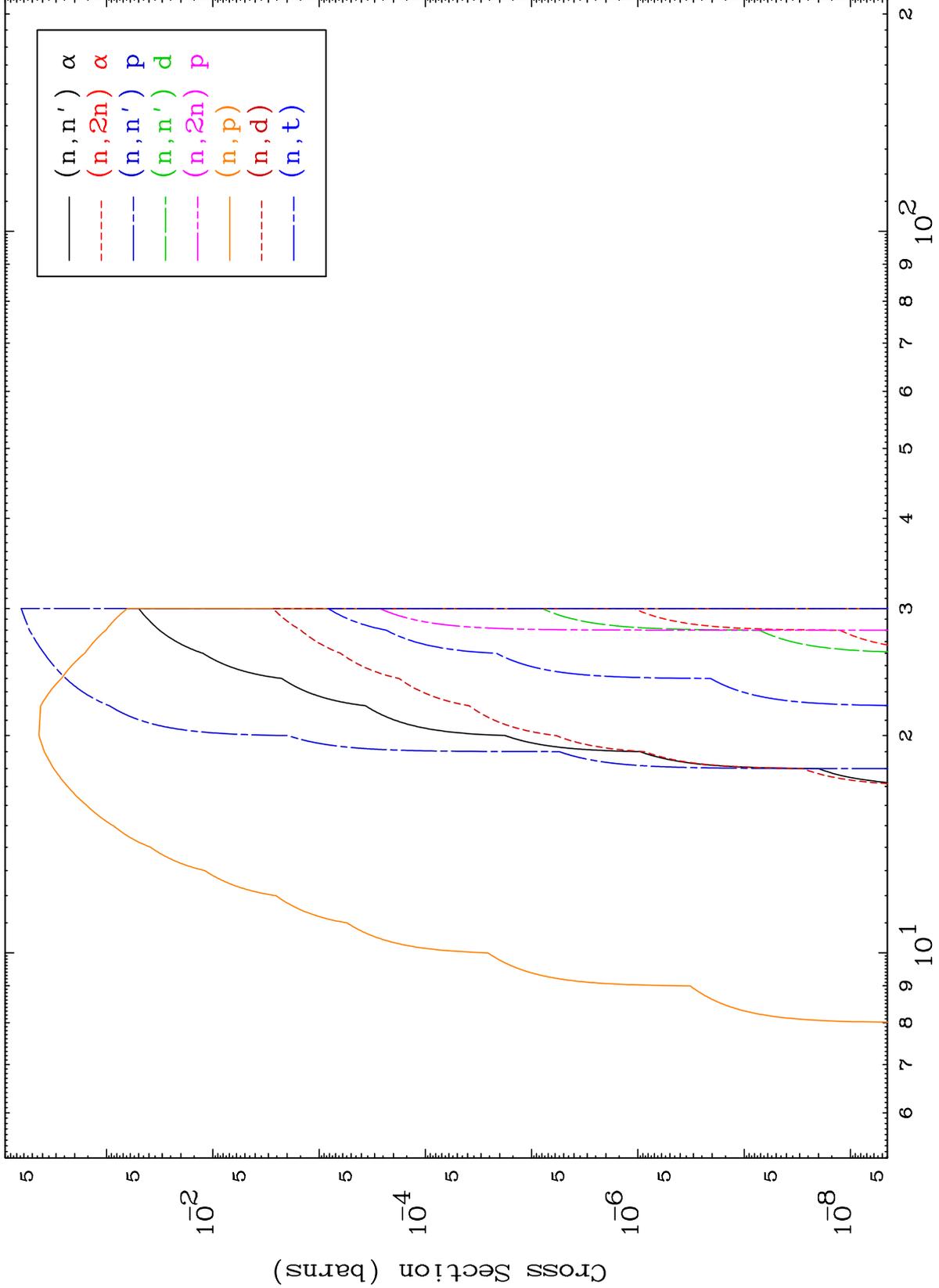
Incident Energy (MeV)

48-Cd-104

MAT 4819

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

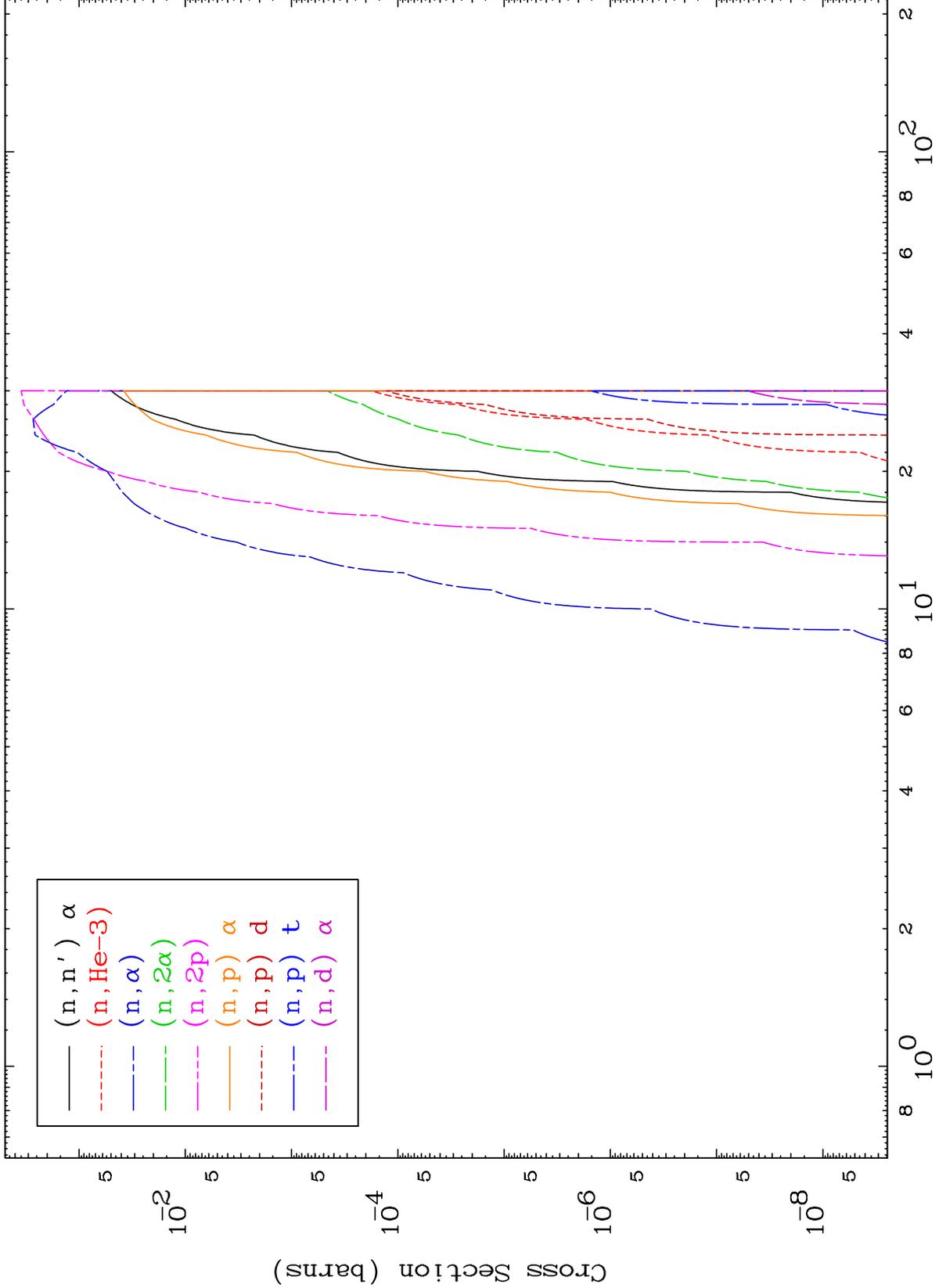
48-Cd-104



MAT 4819

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-104



5

Incident Energy (MeV)

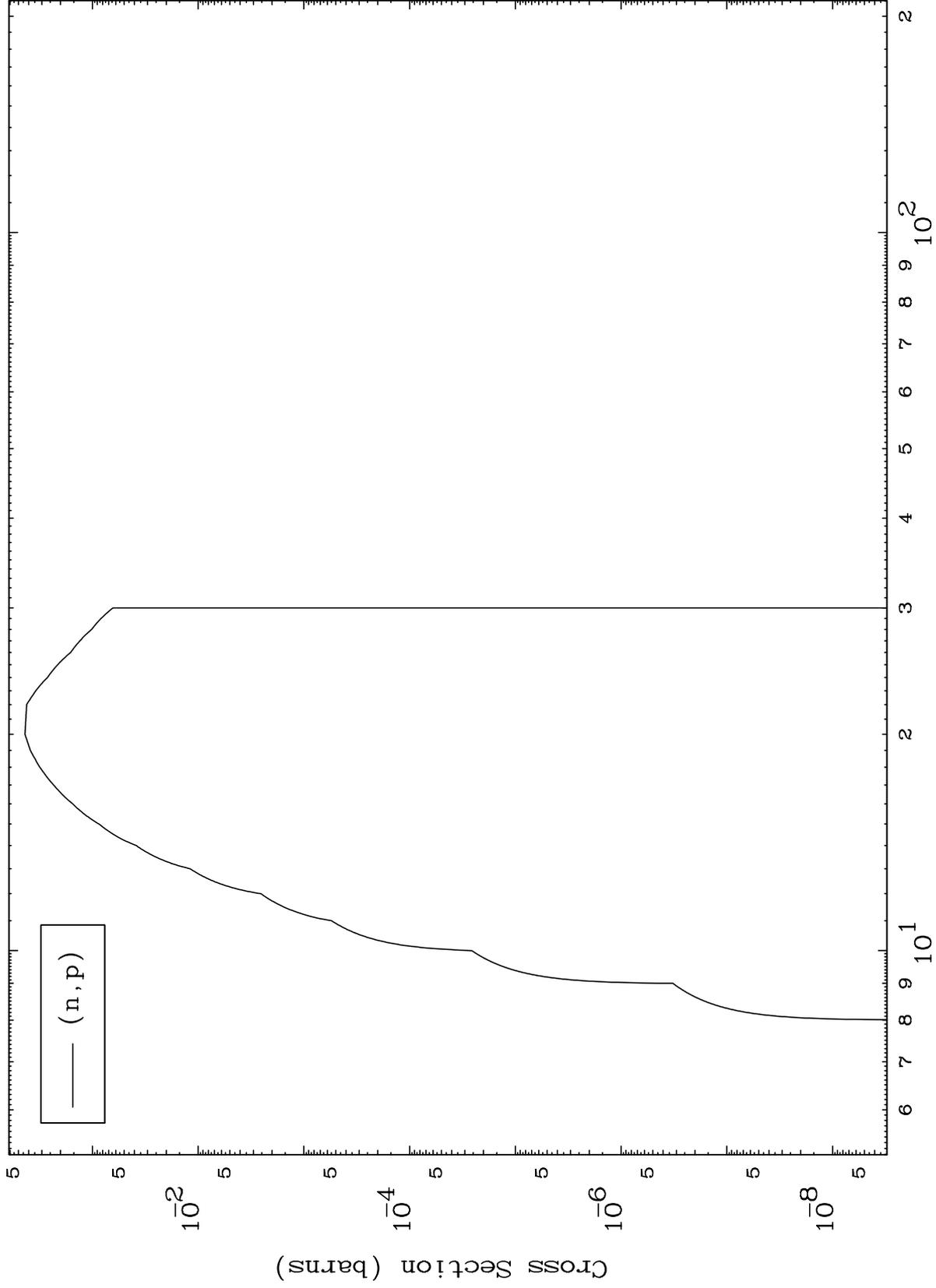
48-Cd-104

MAT 4819

( $\alpha, p$ ) Levels

48-Cd-104

0 Kelvin Cross Sections



6

Incident Energy (MeV)

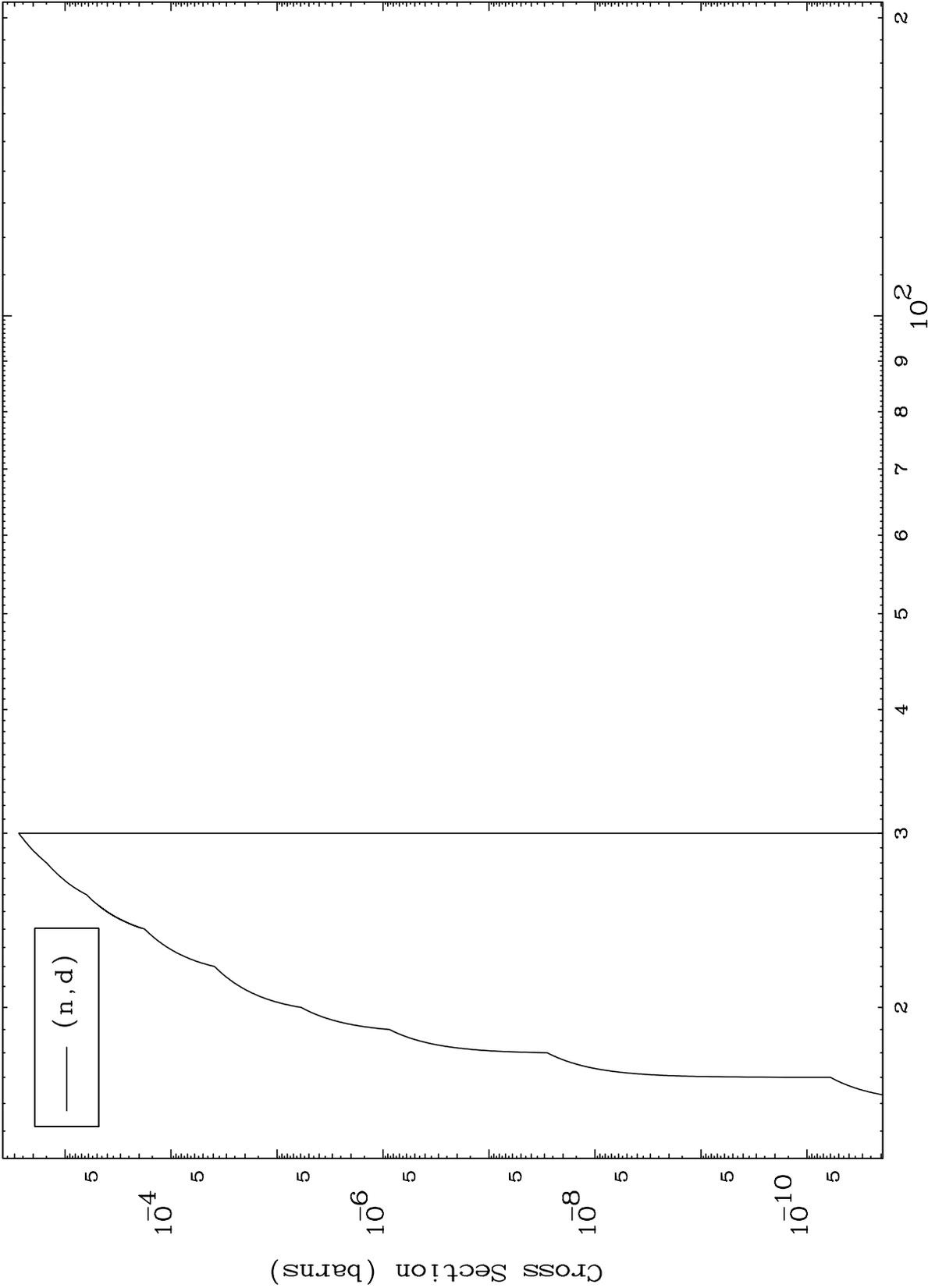
48-Cd-104

MAT 4819

( $\alpha, d$ ) Levels

48-Cd-104

0 Kelvin Cross Sections



7

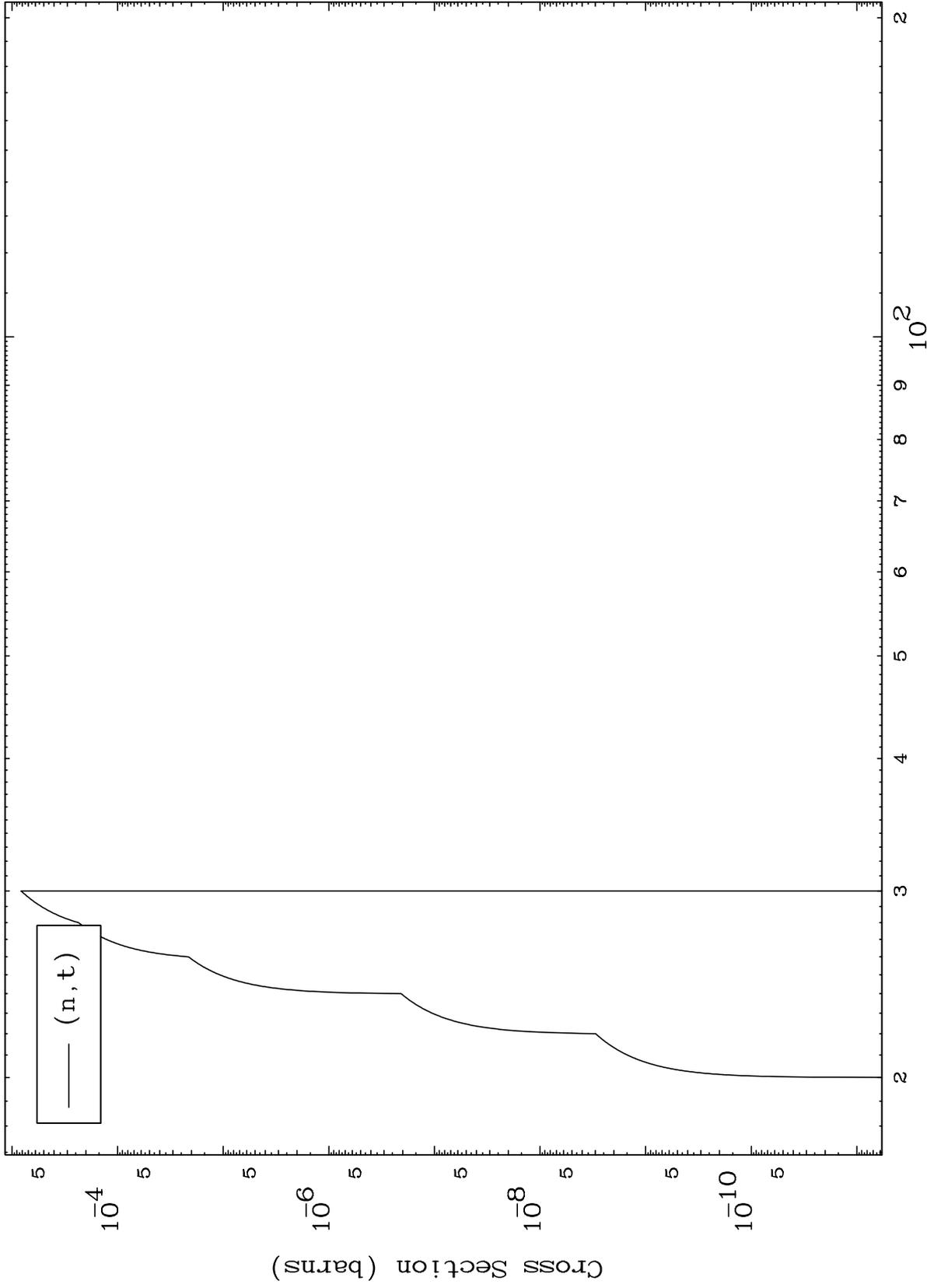
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104

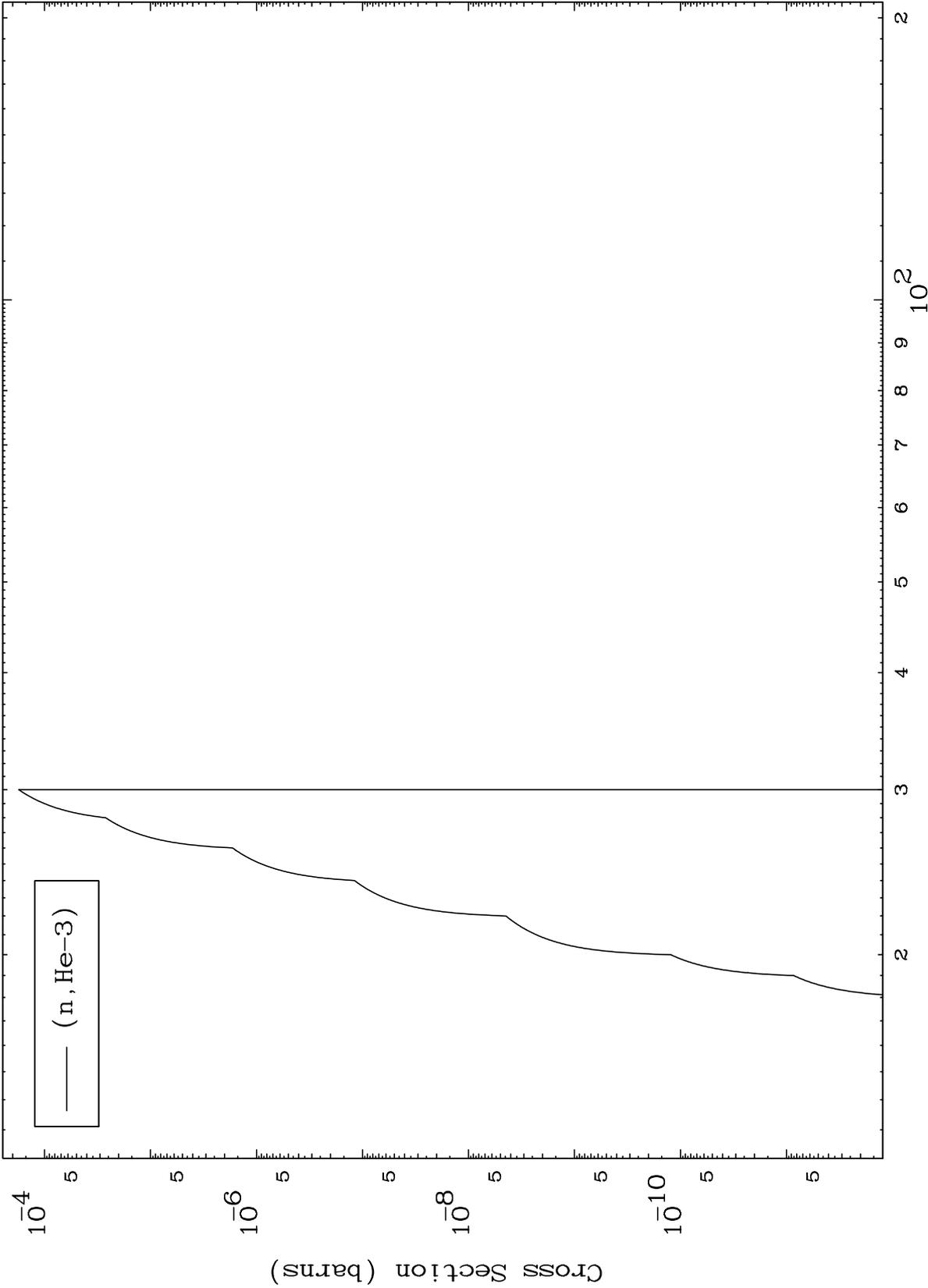


8

Incident Energy (MeV)

48-Cd-104

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

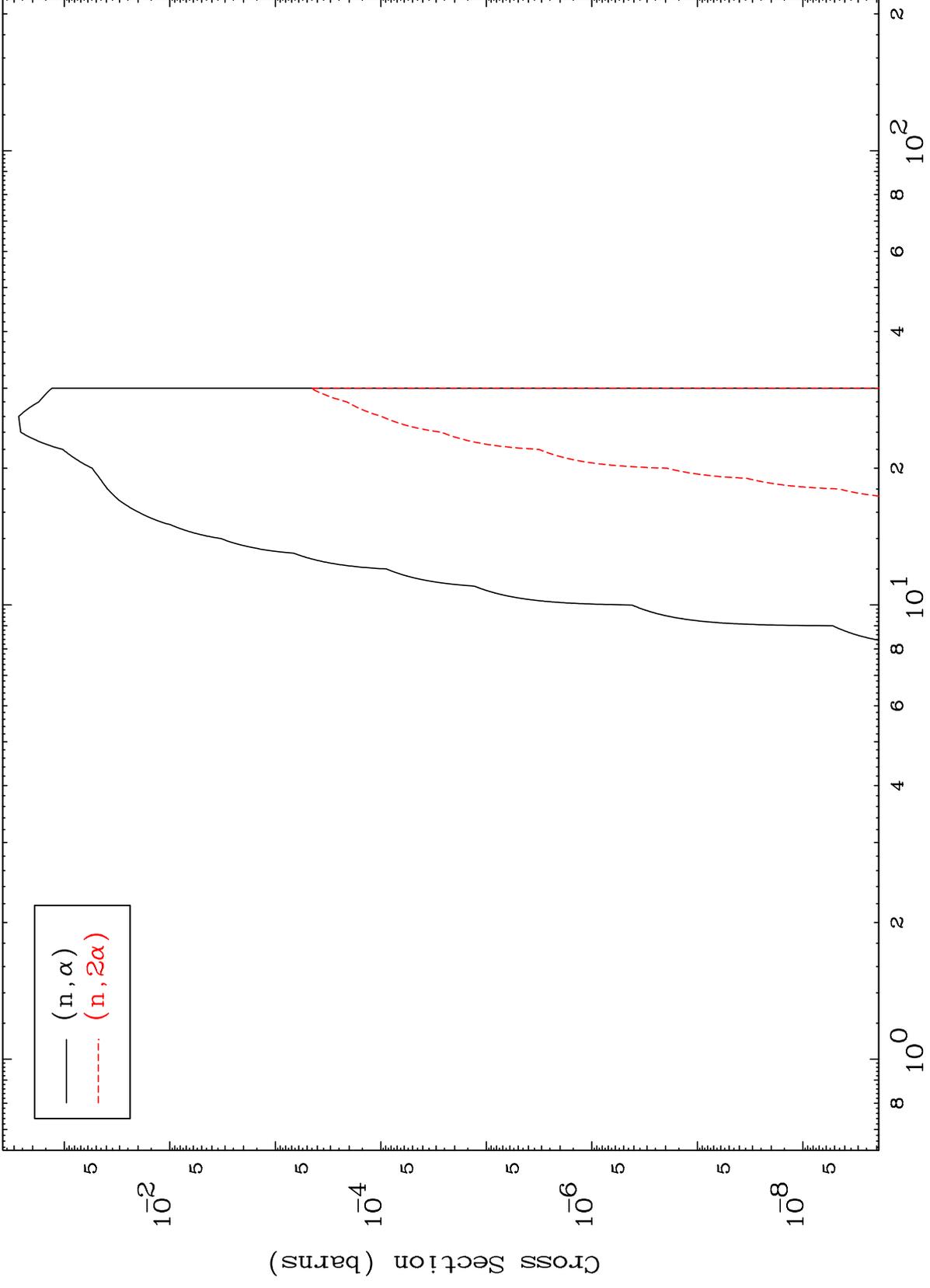


MAT 4819

( $\alpha, \alpha$ ) Levels

48-Cd-104

0 Kelvin Cross Sections



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

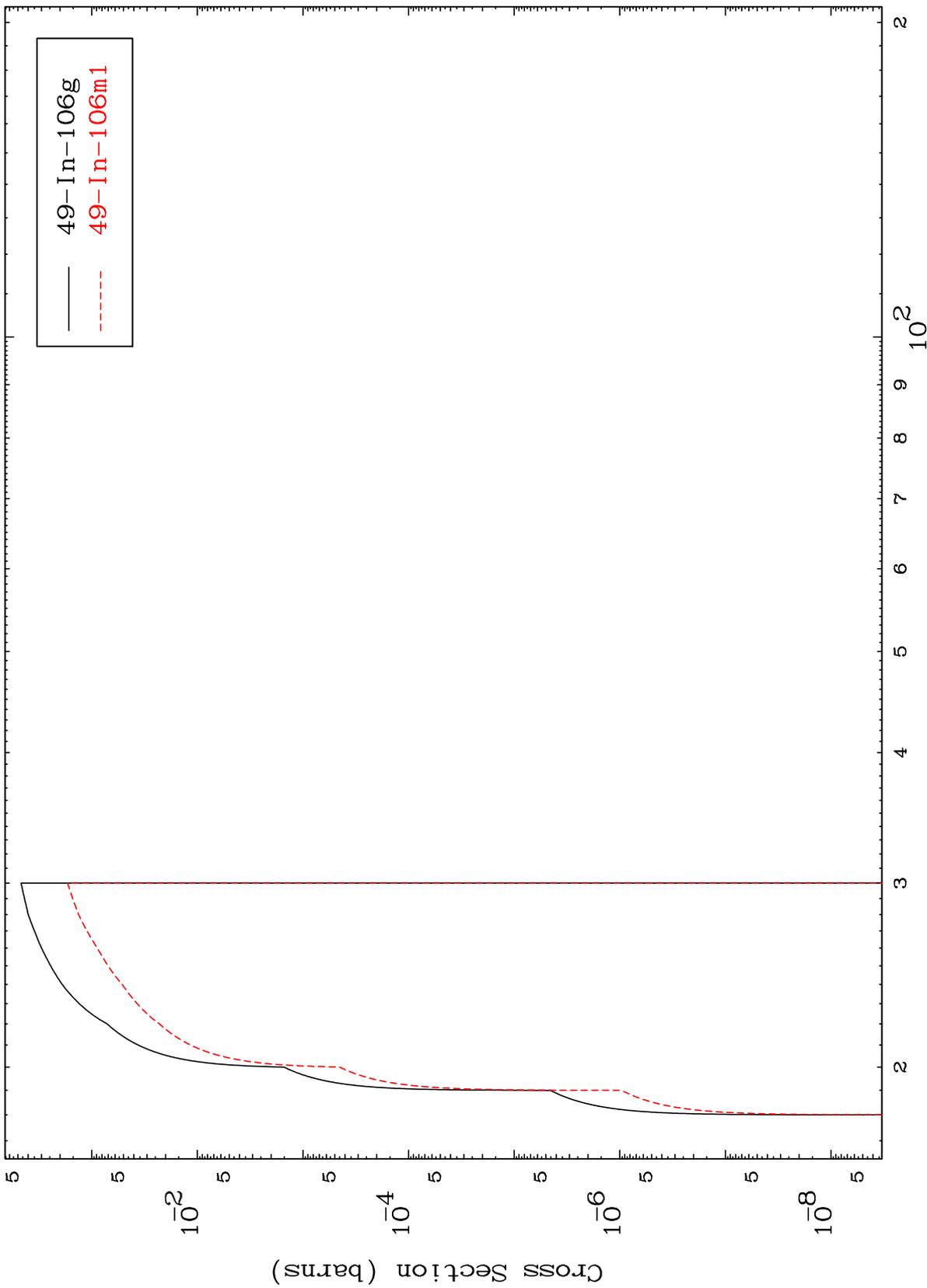
48-Cd-104

MAT 4819

(n,n') p

48-Cd-104

Radionuclide Production Cross Section



11

Incident Energy (MeV)

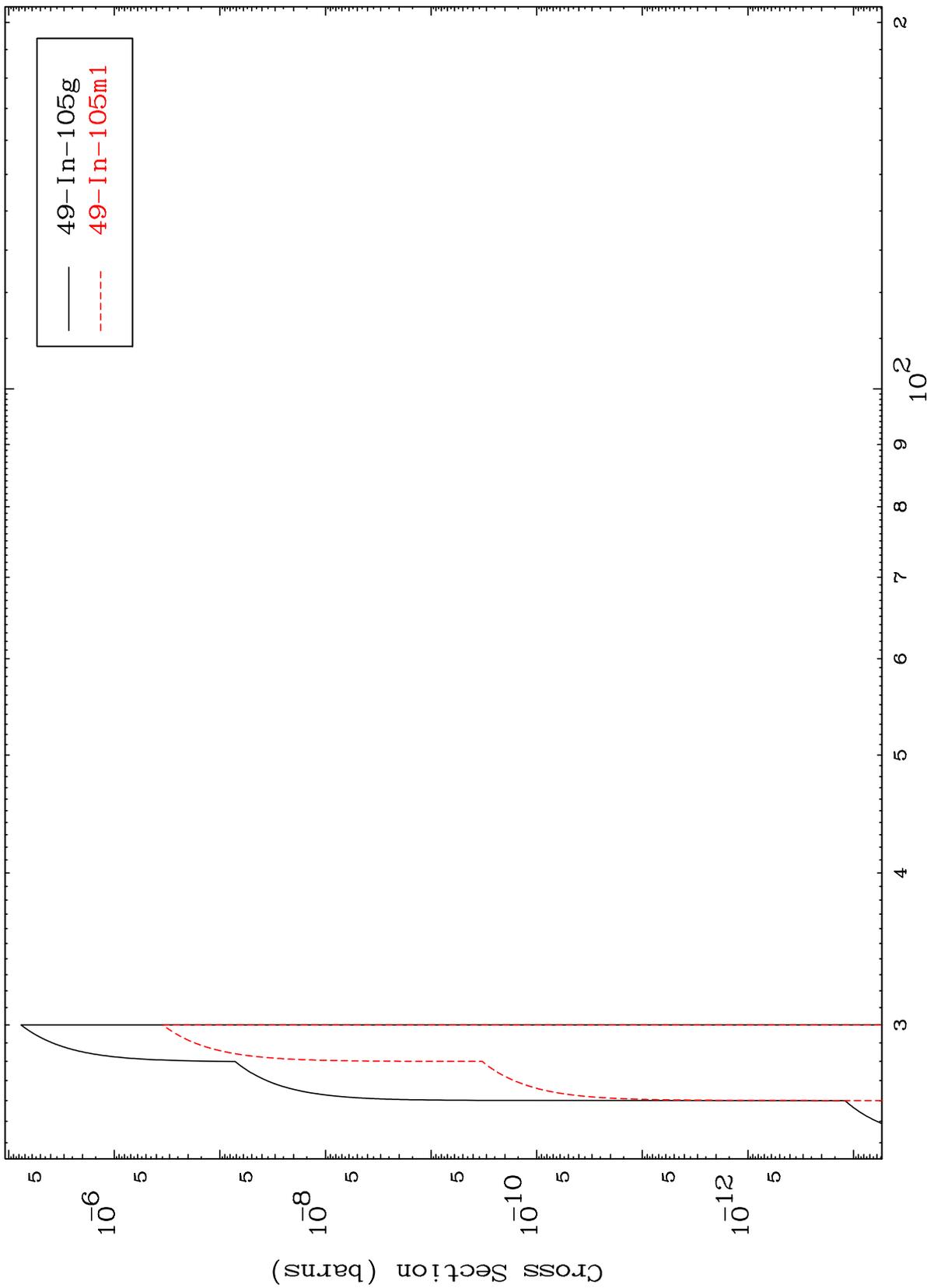
48-Cd-104

MAT 4819

(n,n') d

48-Cd-104

Radionuclide Production Cross Section



49-In-105g  
49-In-105ml

12

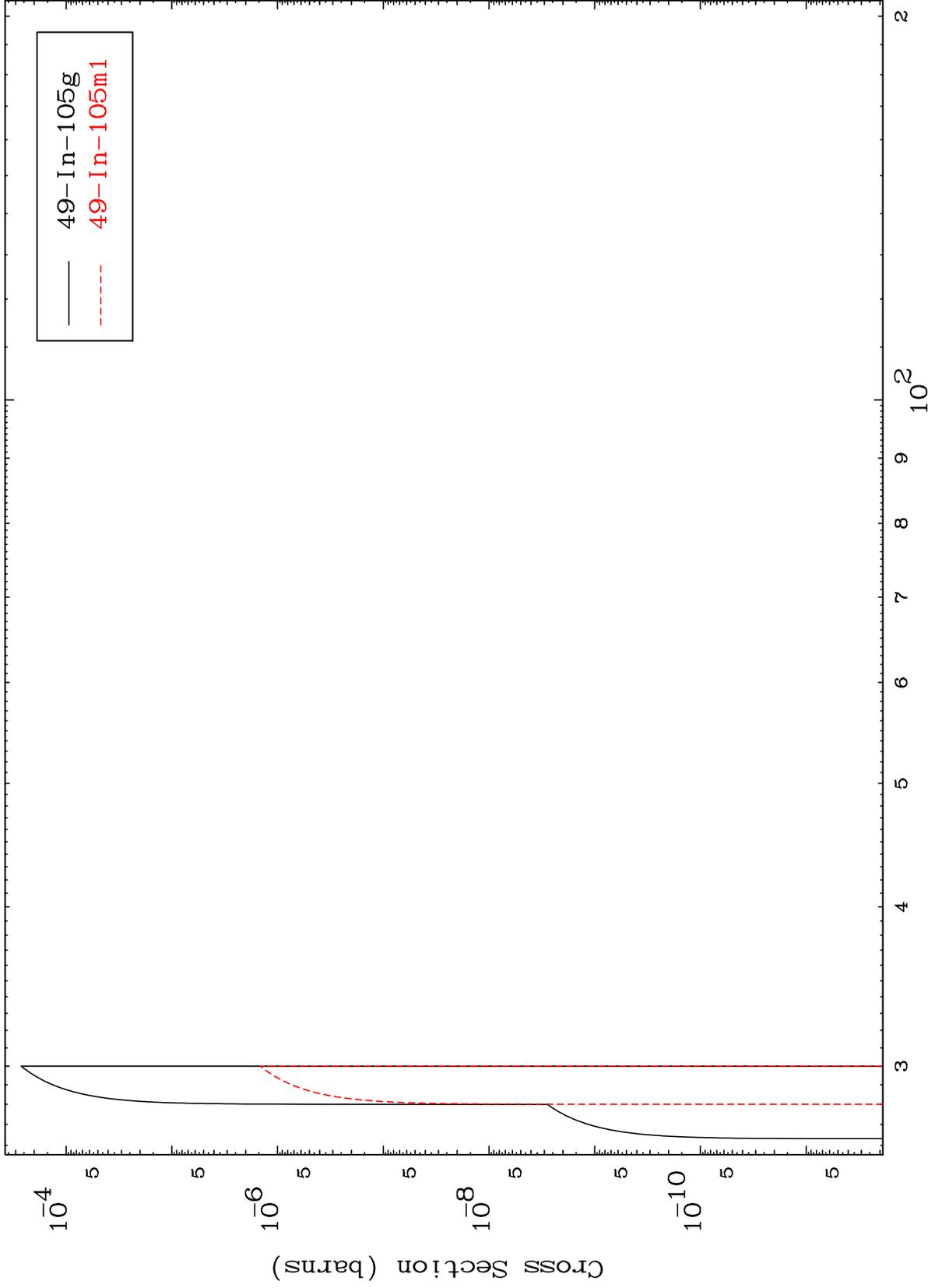
Incident Energy (MeV)

48-Cd-104

MAT 4819

48-Cd-104

(n,2n) p  
Radionuclide Production Cross Section



13

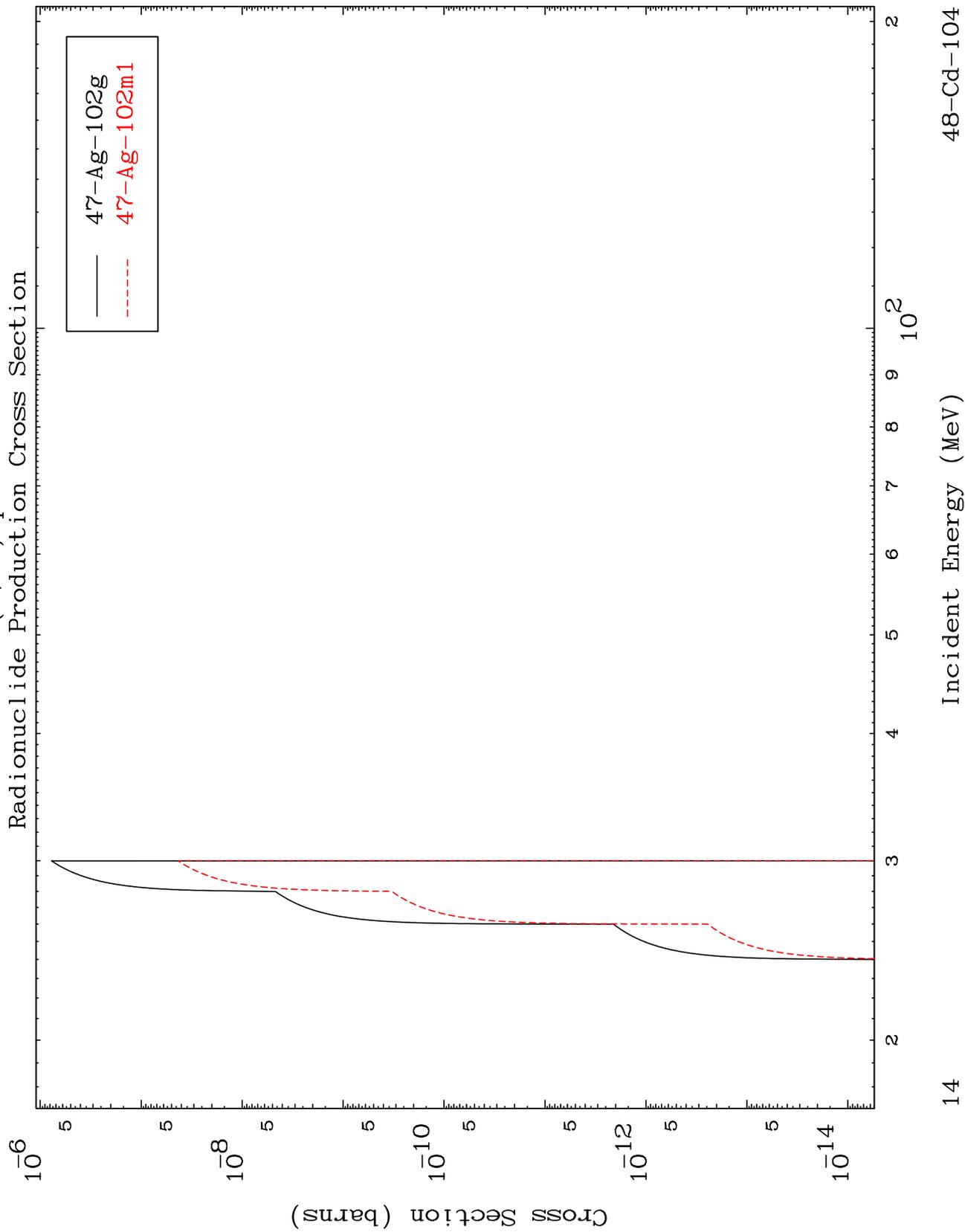
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,n') p  $\alpha$

48-Cd-104



14

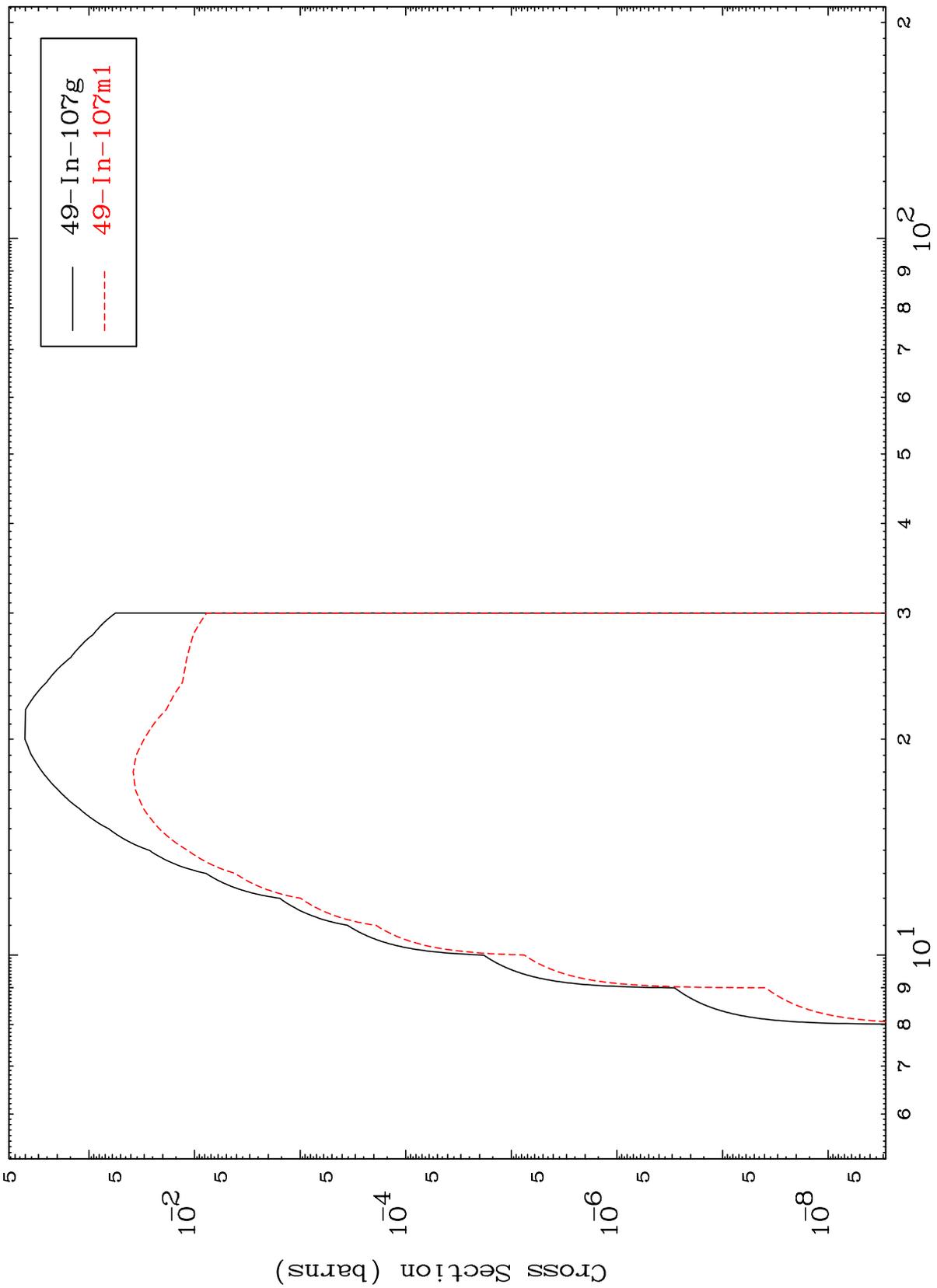
Incident Energy (MeV)

48-Cd-104

MAT 4819

48-Cd-104

(n,p)  
Radionuclide Production Cross Section



— 49-In-107g  
- - - 49-In-107m1

15

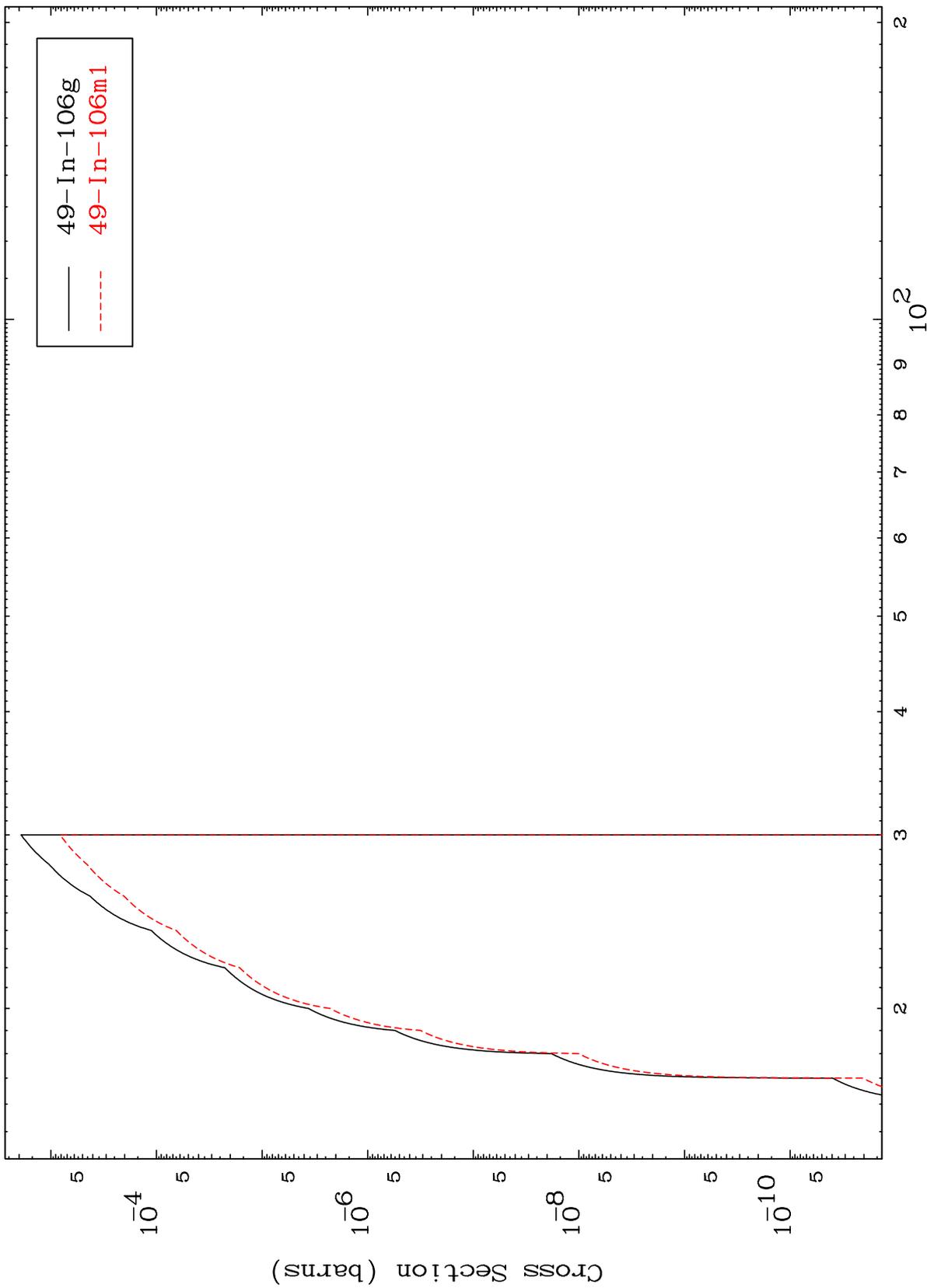
Incident Energy (MeV)

48-Cd-104

MAT 4819

48-Cd-104

(n,d)  
Radionuclide Production Cross Section



16

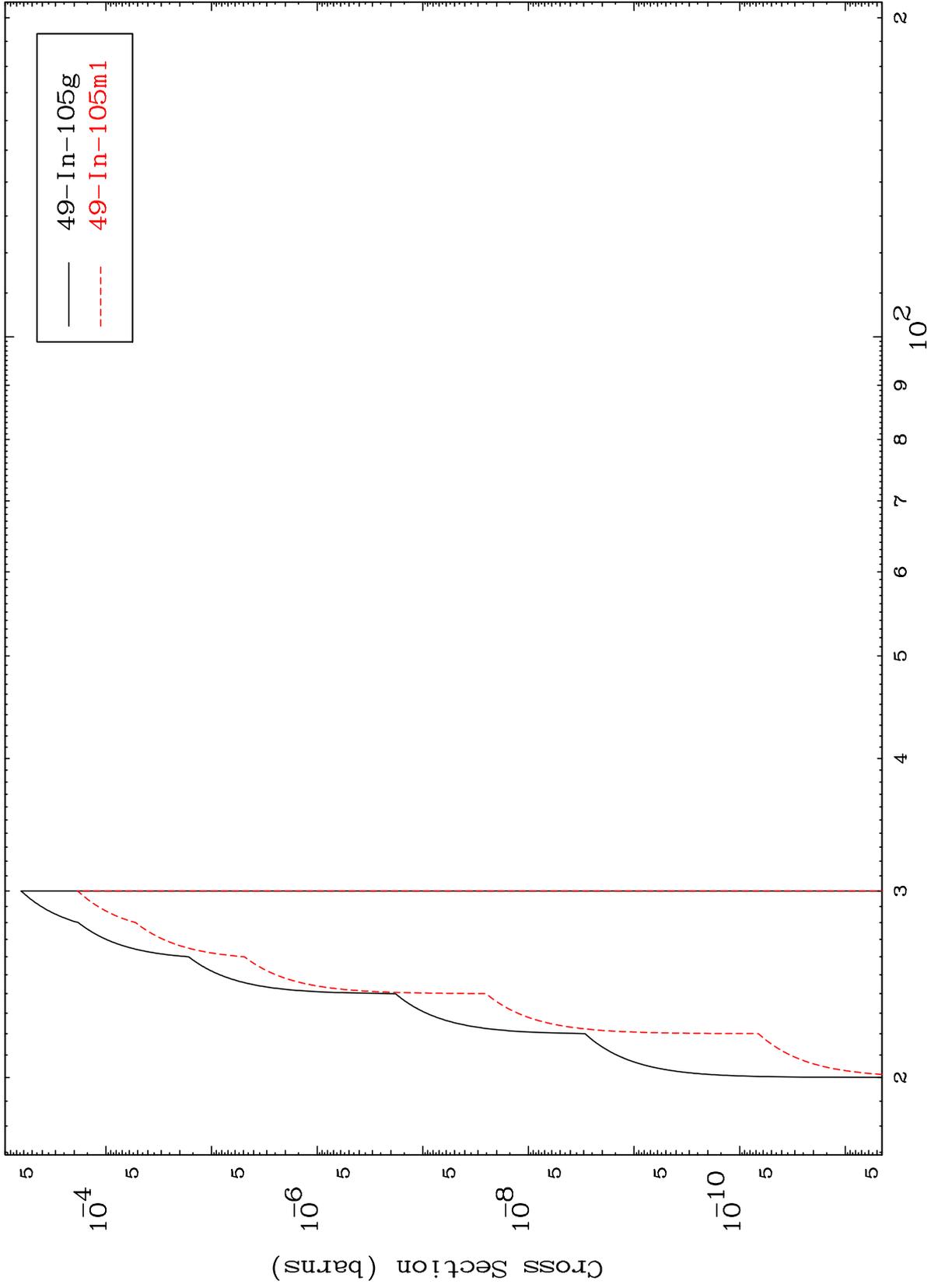
Incident Energy (MeV)

48-Cd-104

MAT 4819

48-Cd-104

(n,t)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

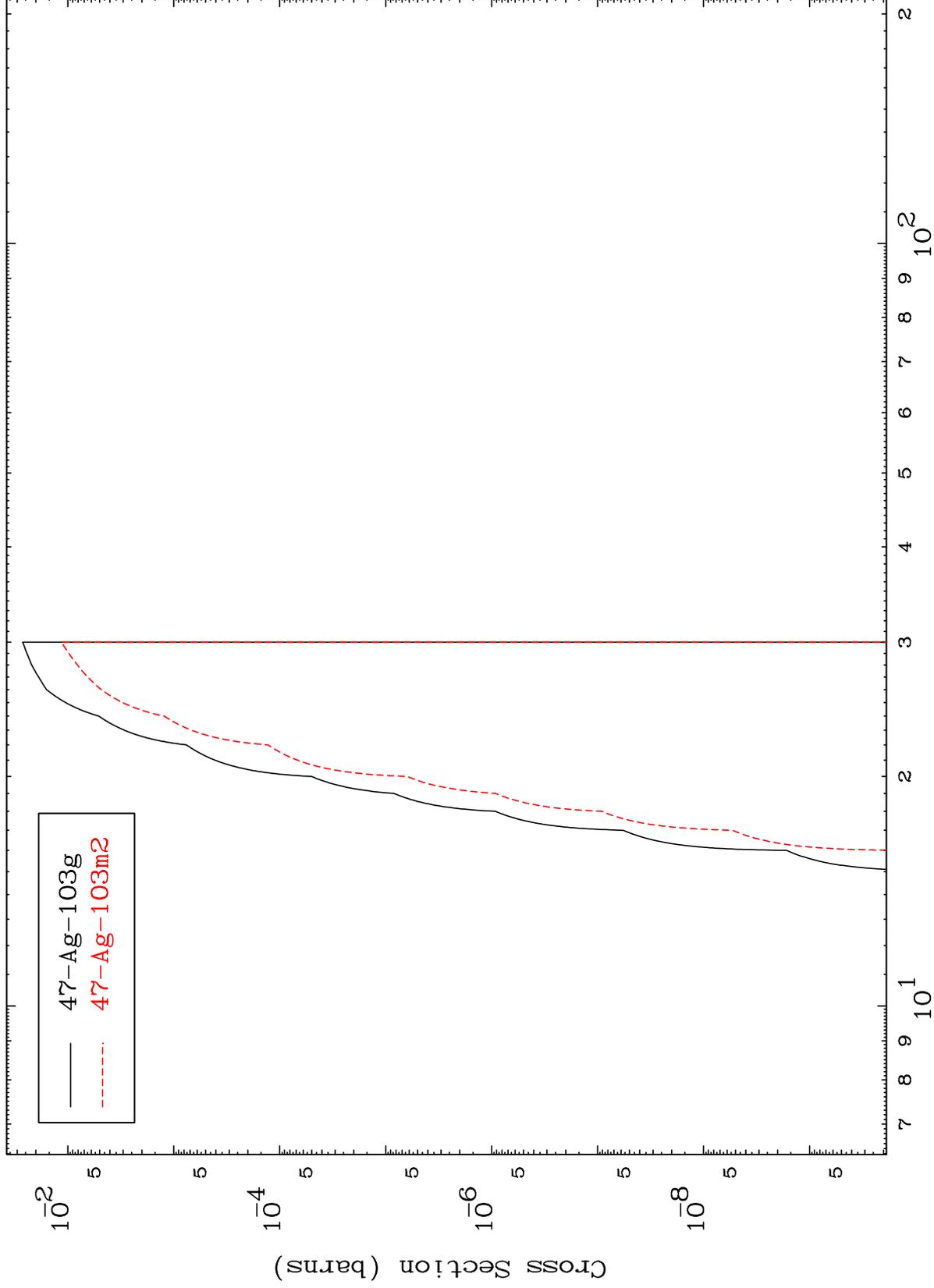
48-Cd-104

MAT 4819

(n,p)  $\alpha$

48-Cd-104

Radionuclide Production Cross Section



18

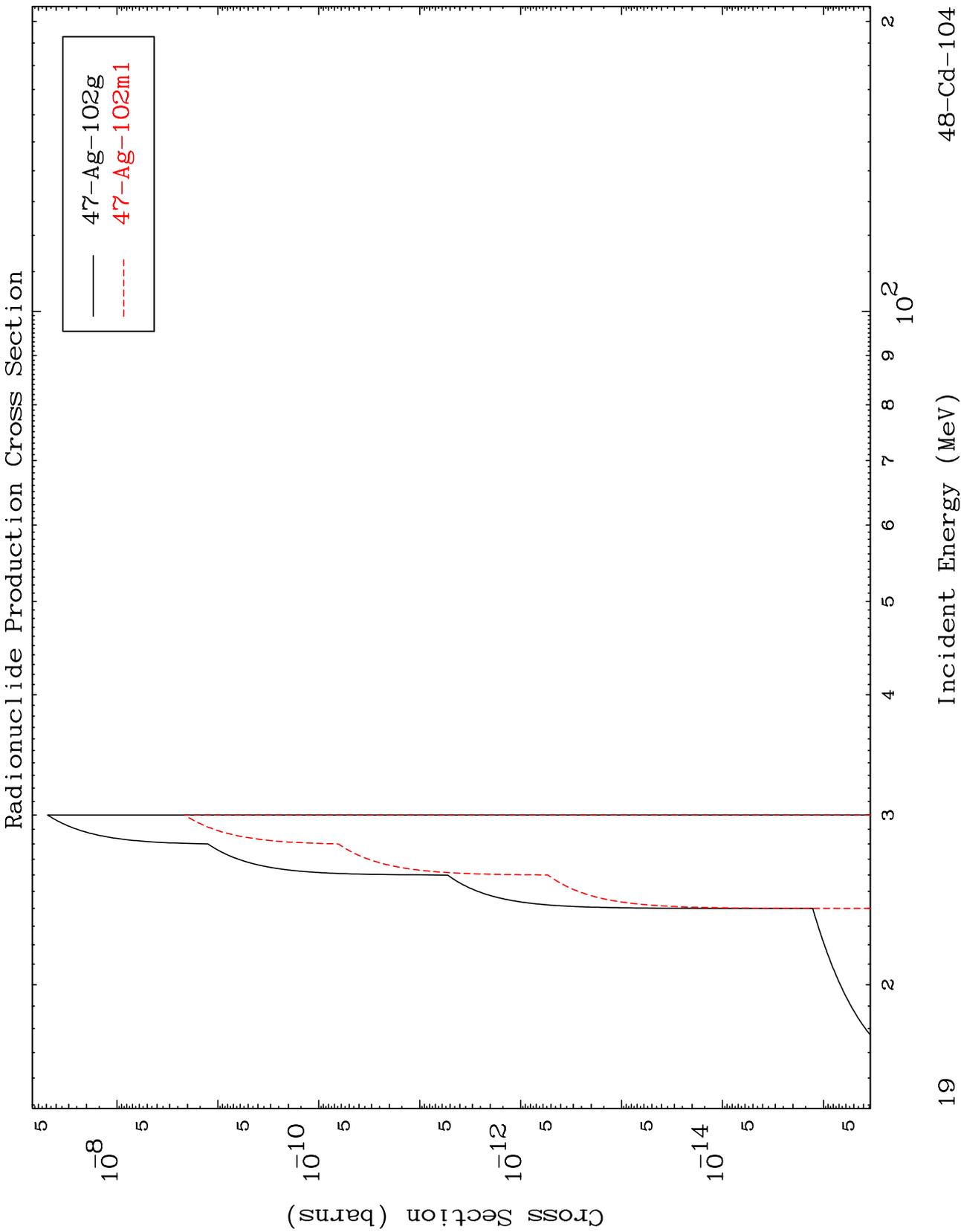
Incident Energy (MeV)

48-Cd-104

MAT 4819

(n,d)  $\alpha$

48-Cd-104



19

Incident Energy (MeV)

48-Cd-104