

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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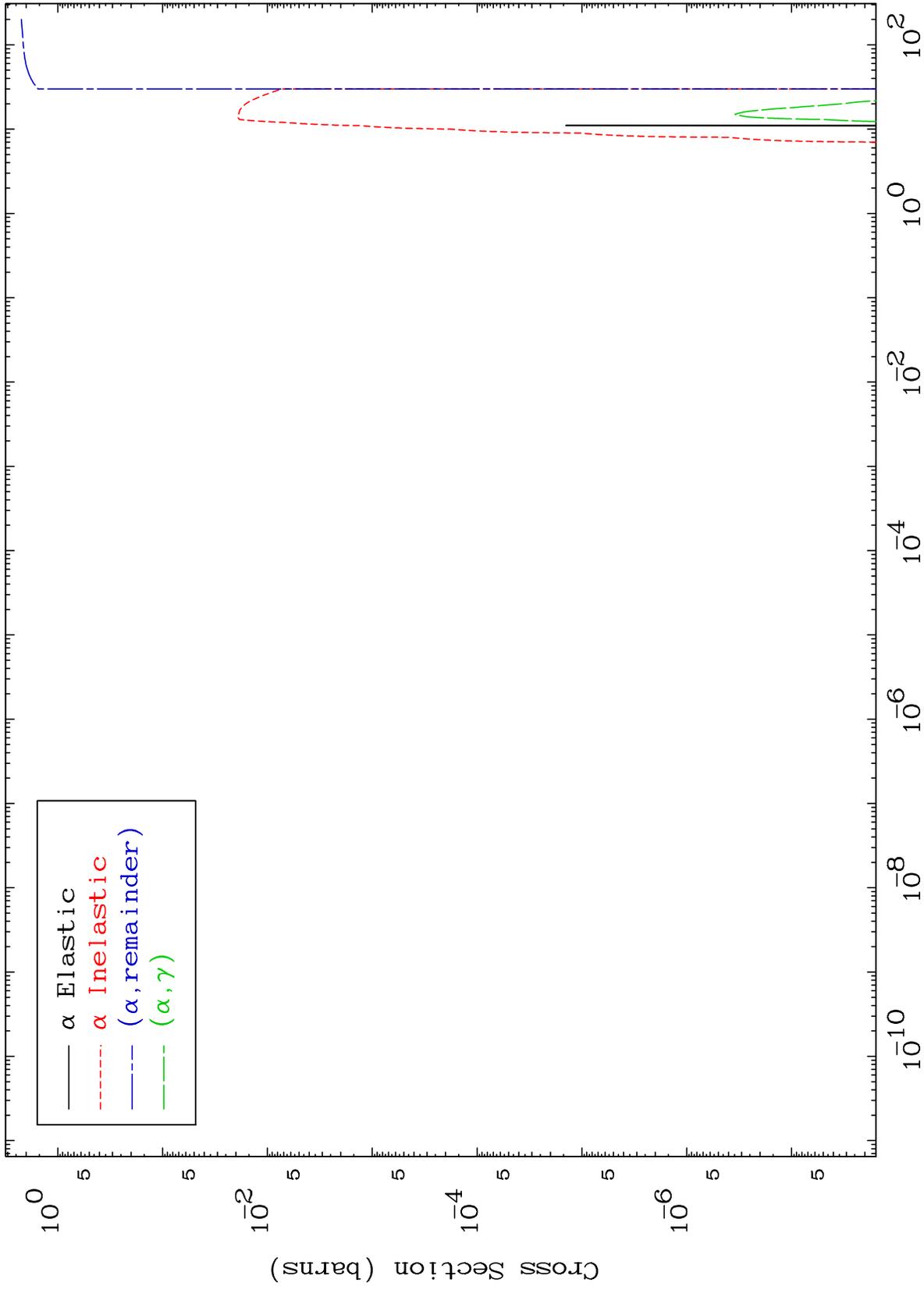
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4870

0 Kelvin  $\alpha$  Major  
Cross Sections

48-Cd-121



1

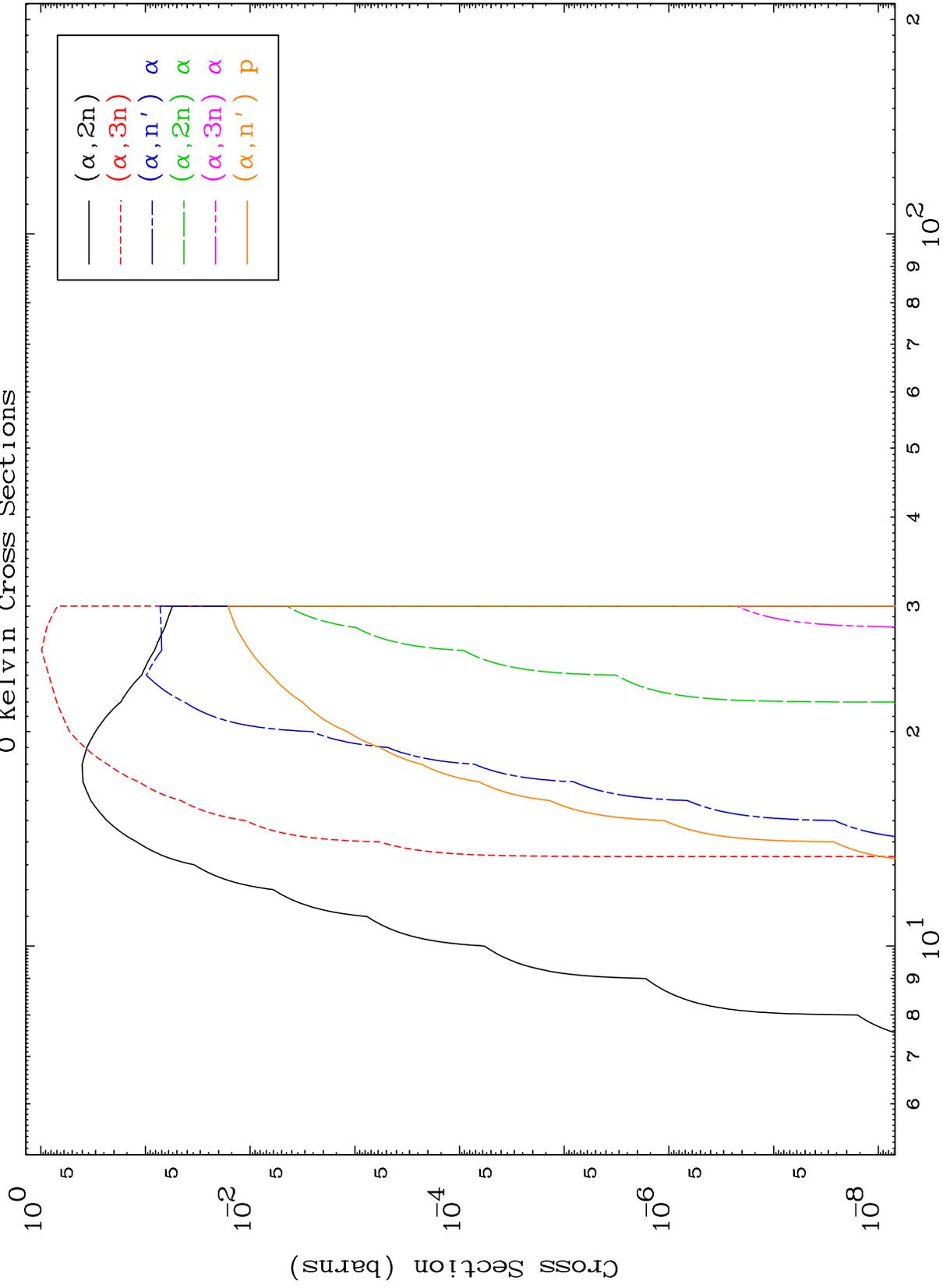
Incident Energy (MeV)

48-Cd-121

MAT 4870

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

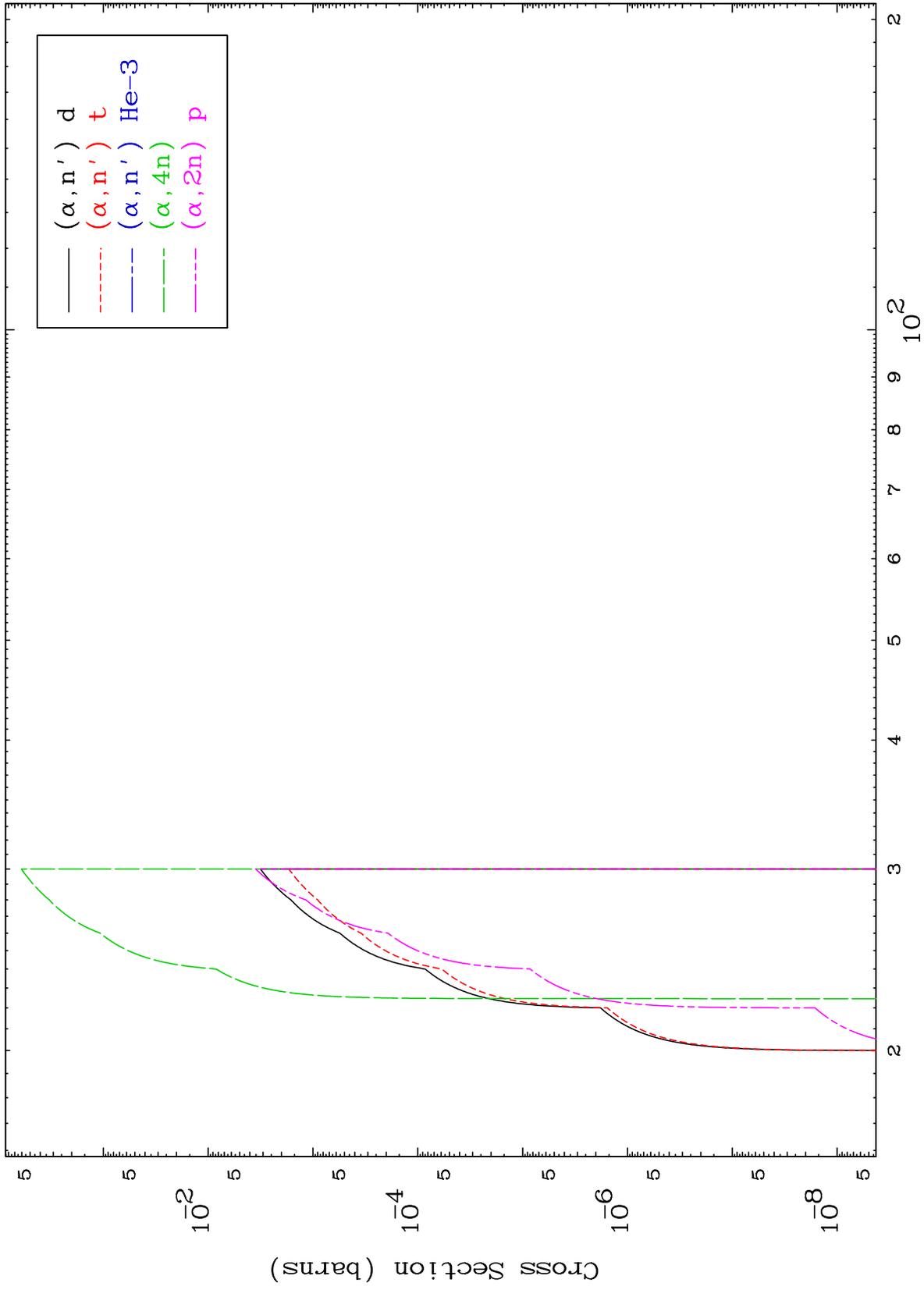
48-Cd-121



2

Incident Energy (MeV)

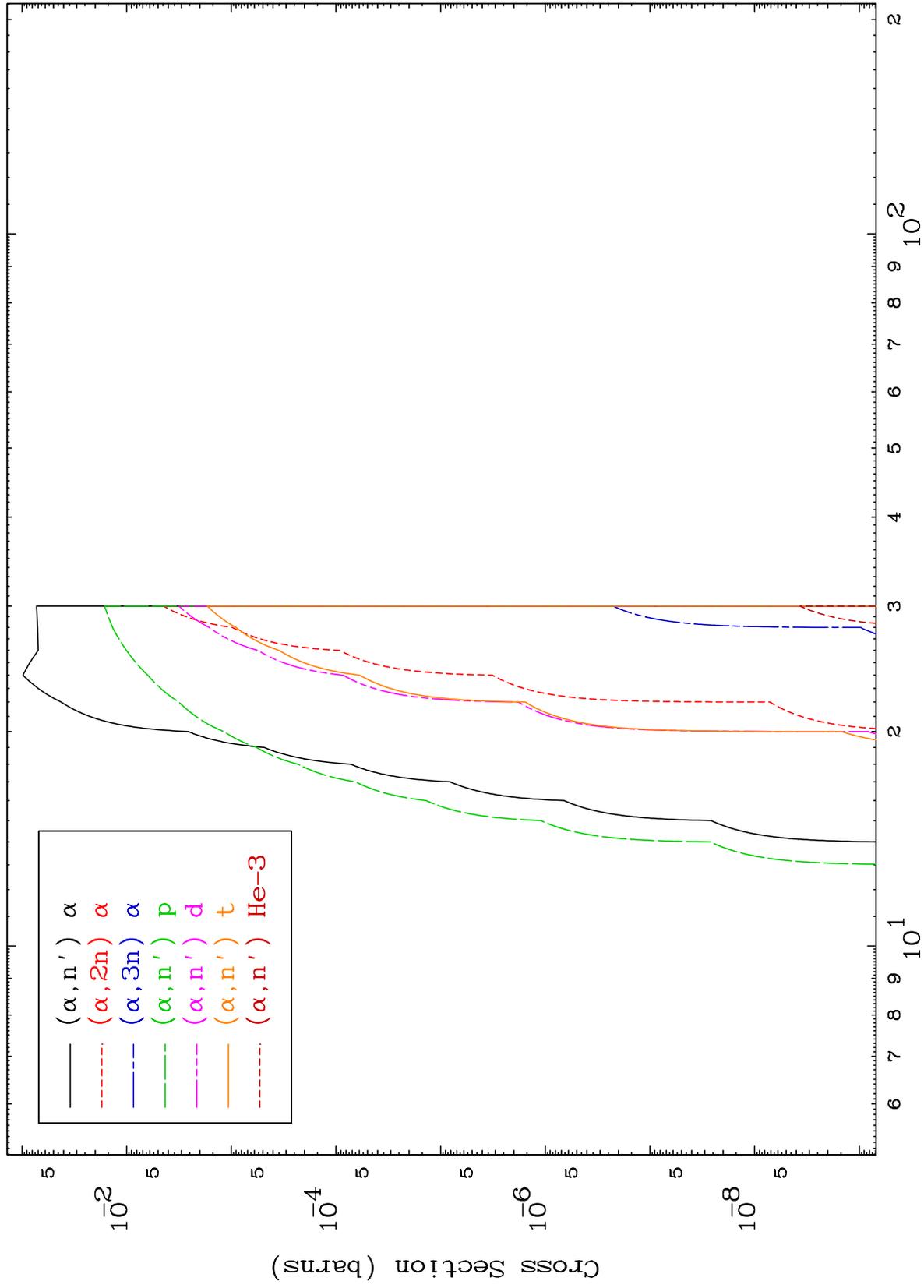
48-Cd-121



MAT 4870

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-121



4

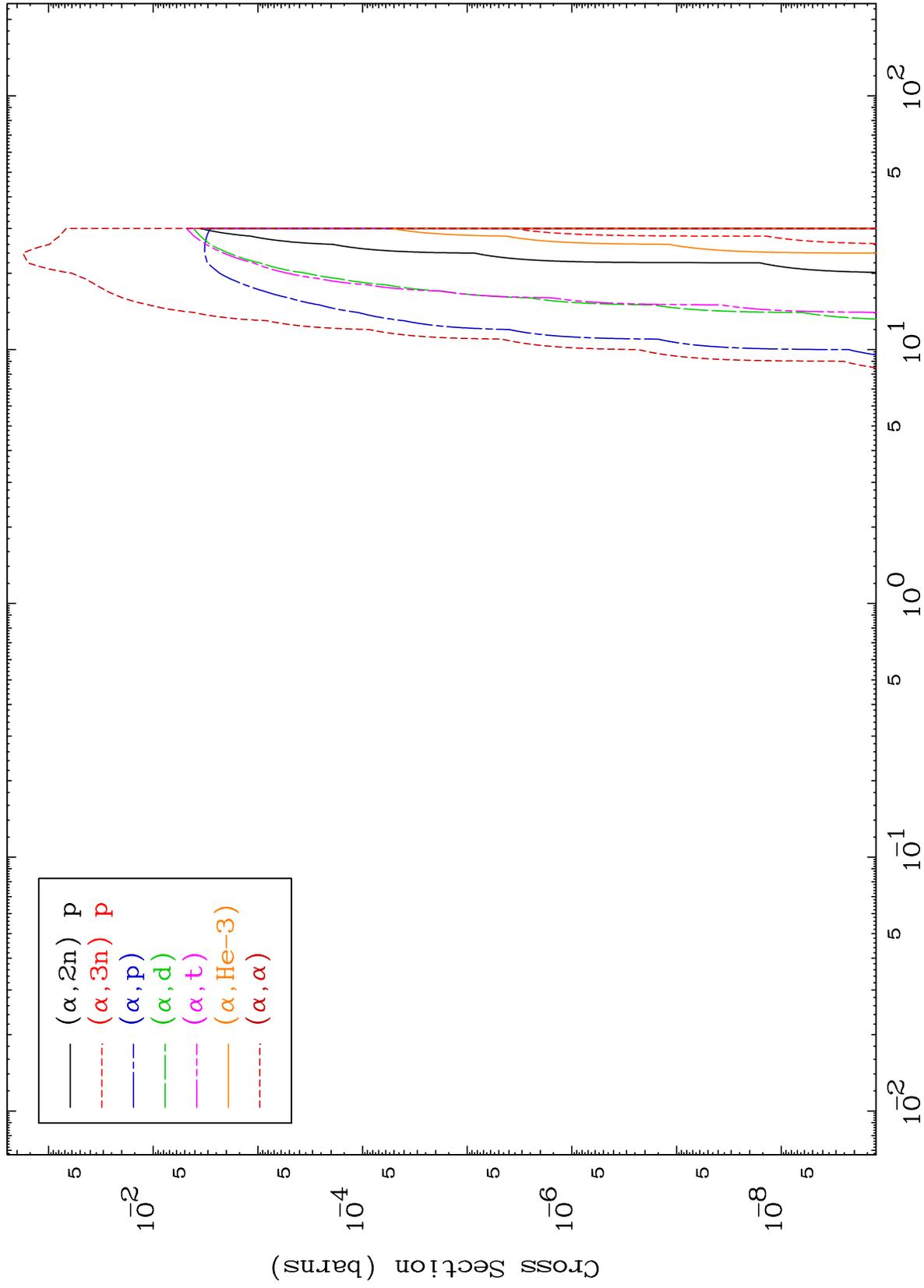
Incident Energy (MeV)

48-Cd-121

MAT 4870

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-121



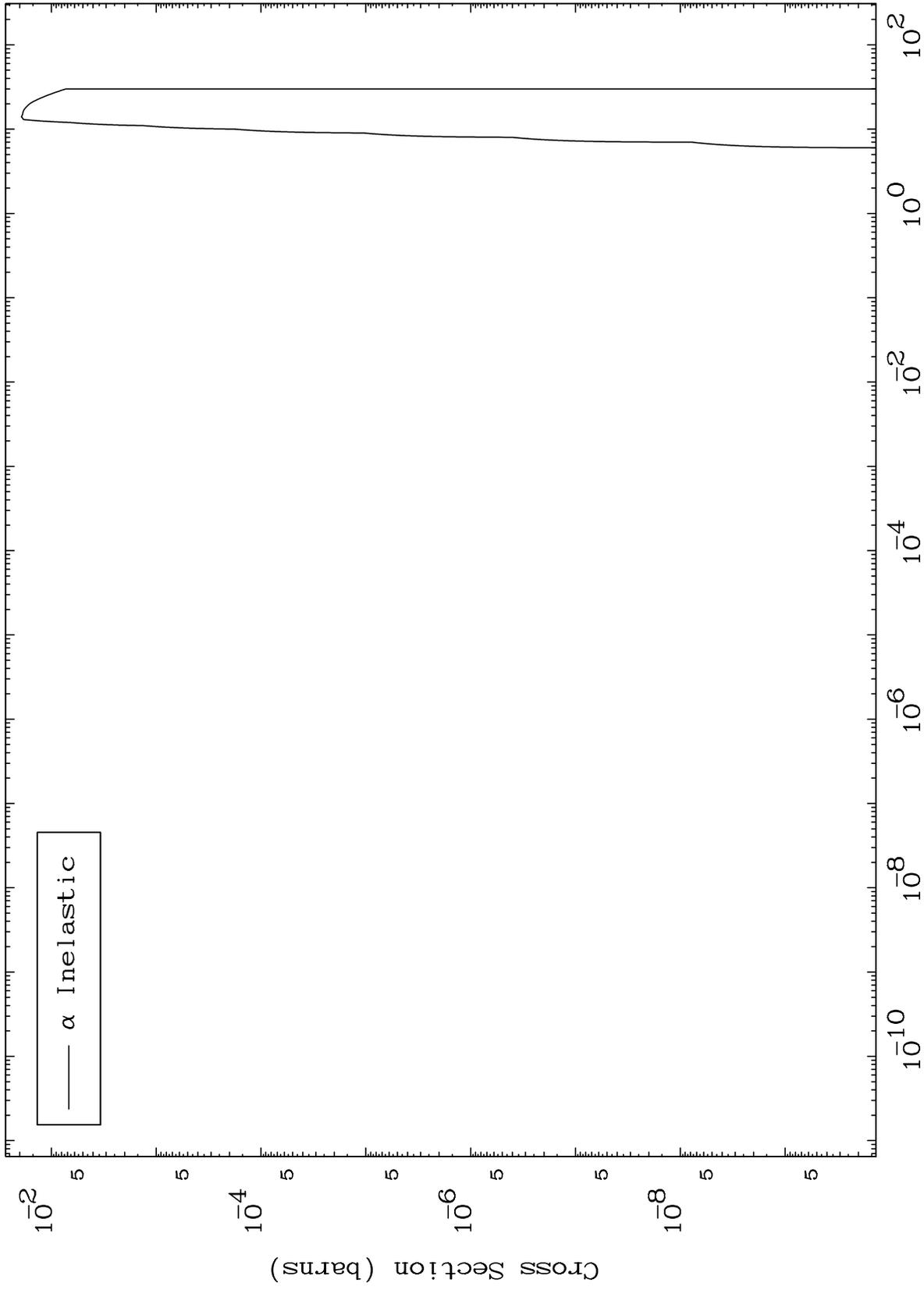
Incident Energy (MeV)

48-Cd-121

MAT 4870

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

48-Cd-121



6

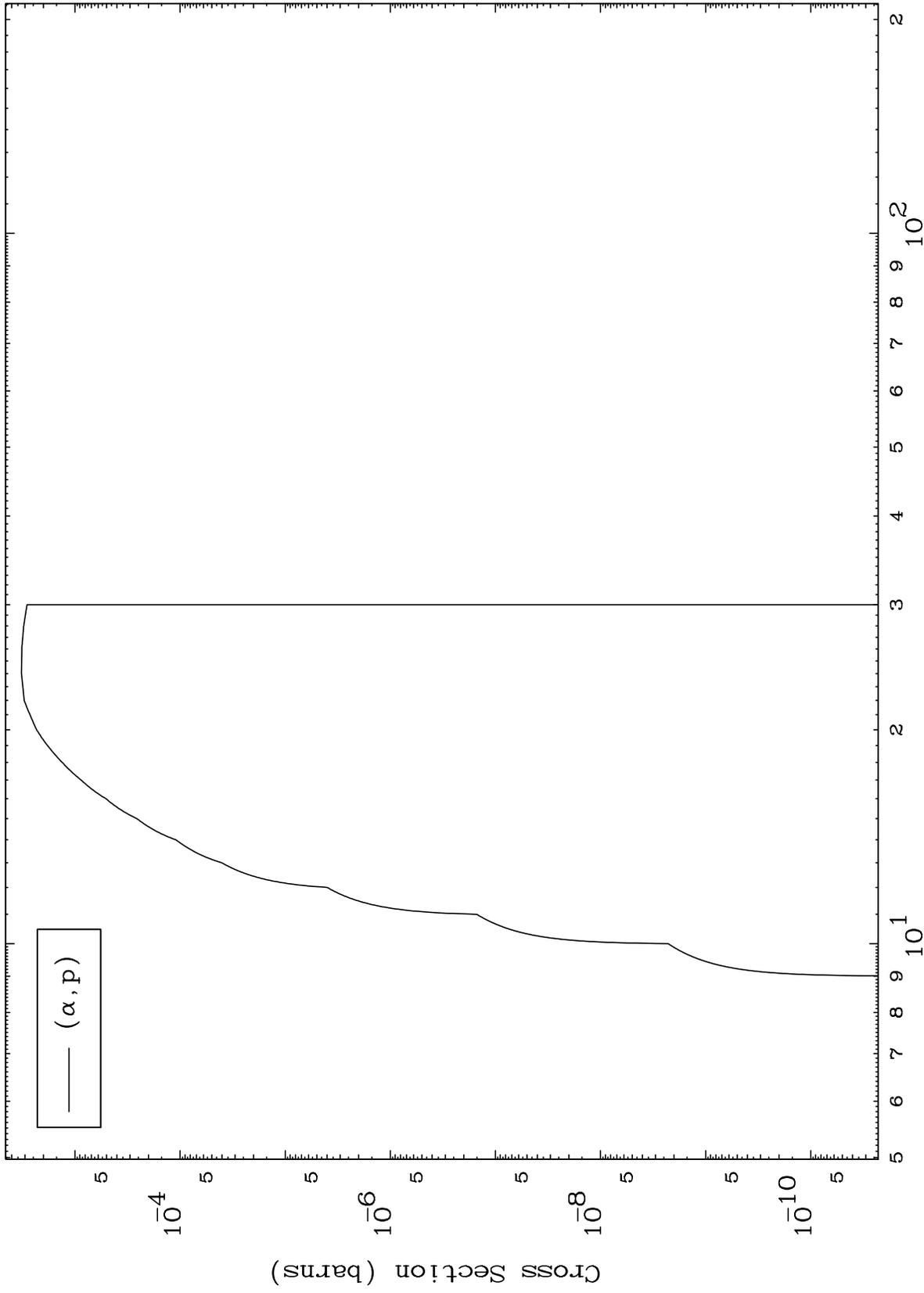
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



7

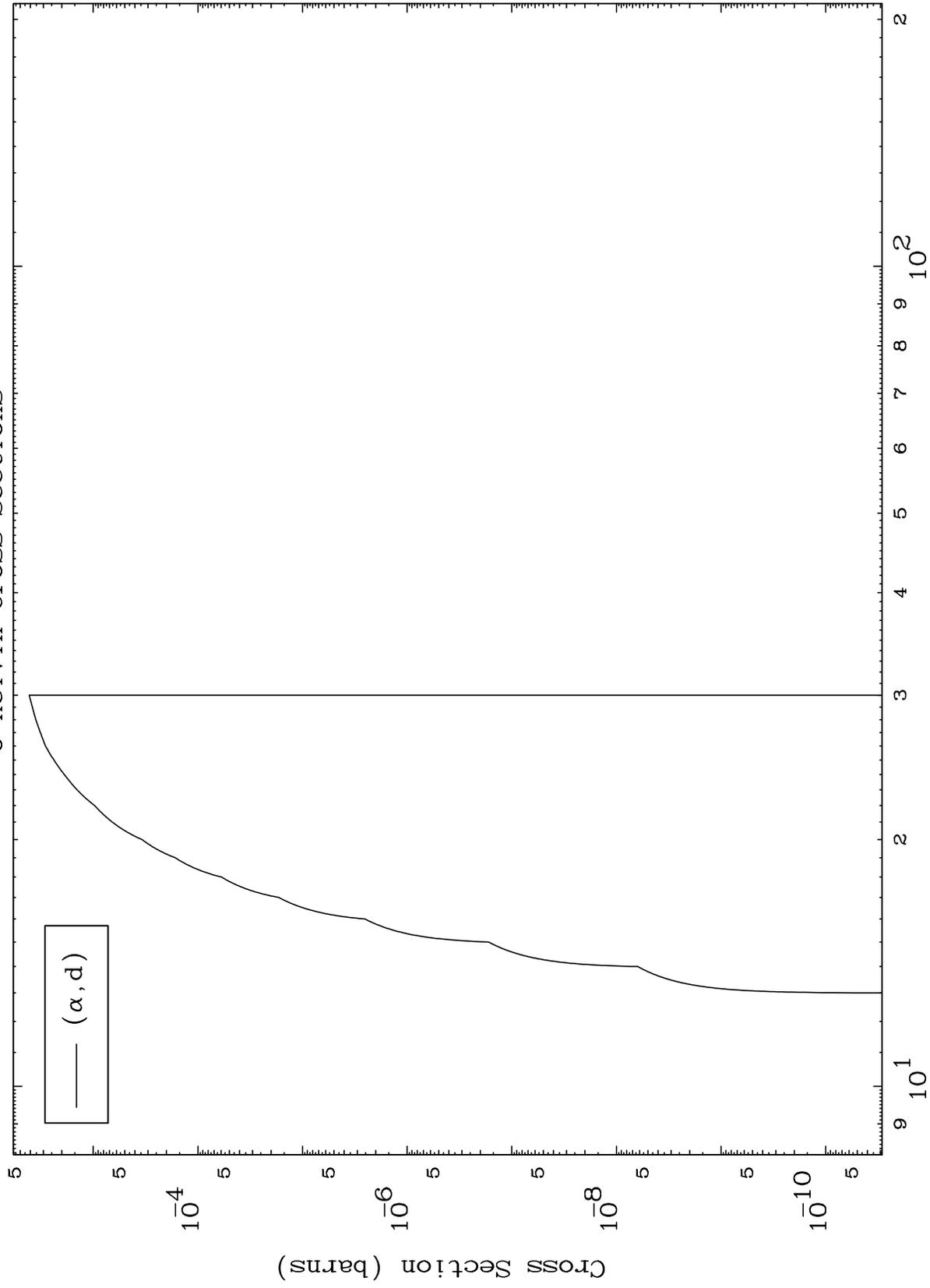
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



8

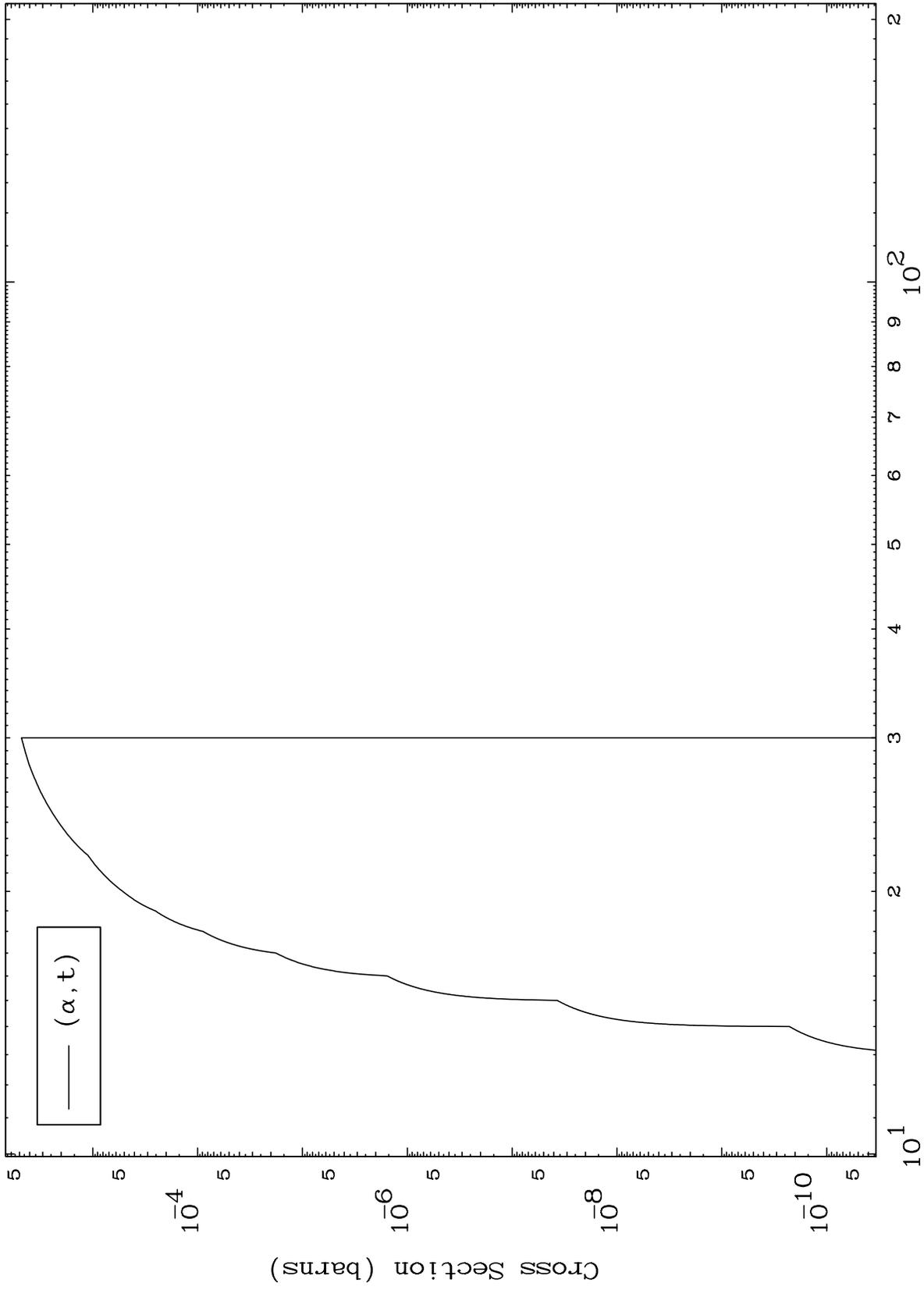
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



9

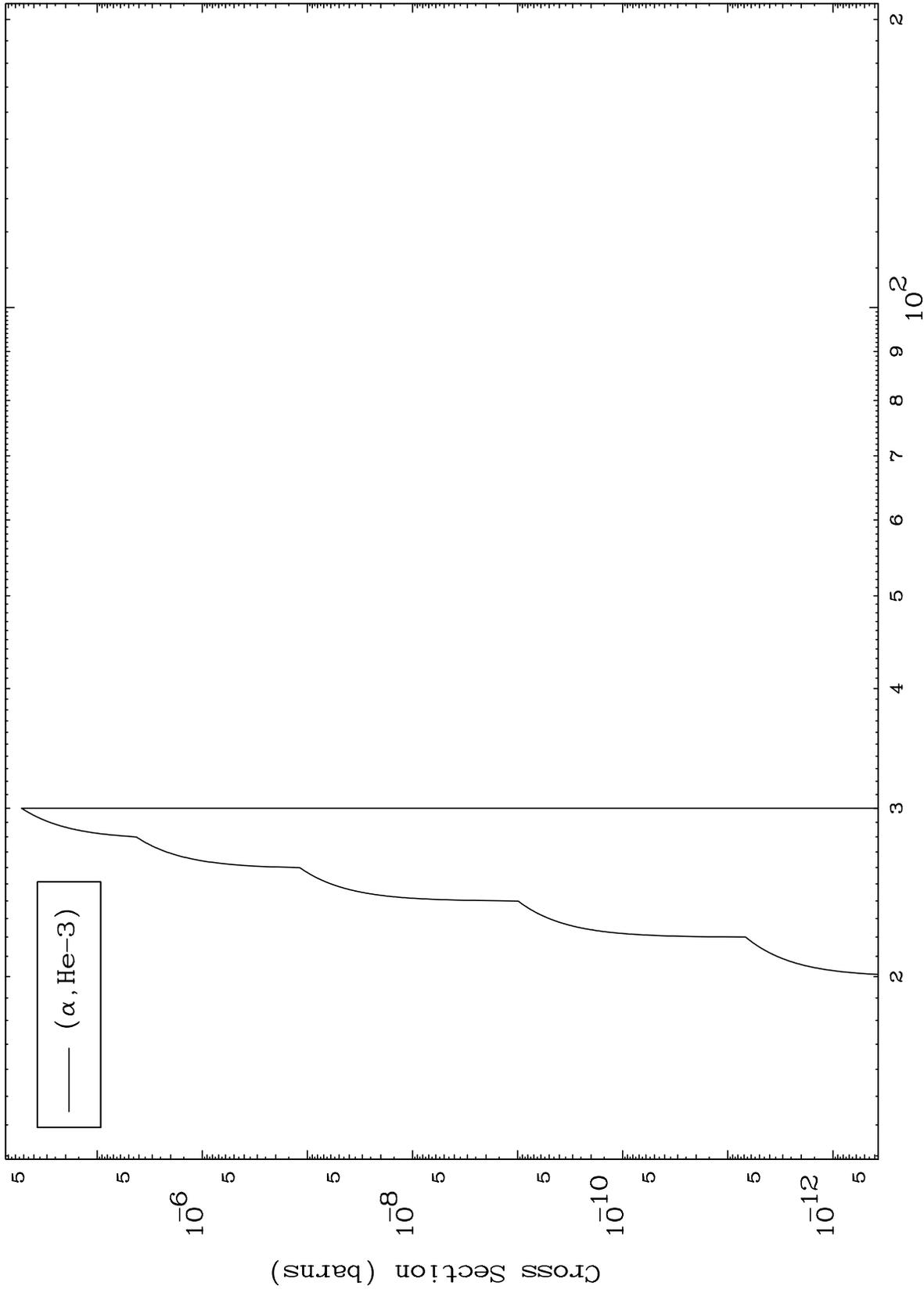
Incident Energy (MeV)

48-Cd-121

MAT 4870

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

48-Cd-121



10

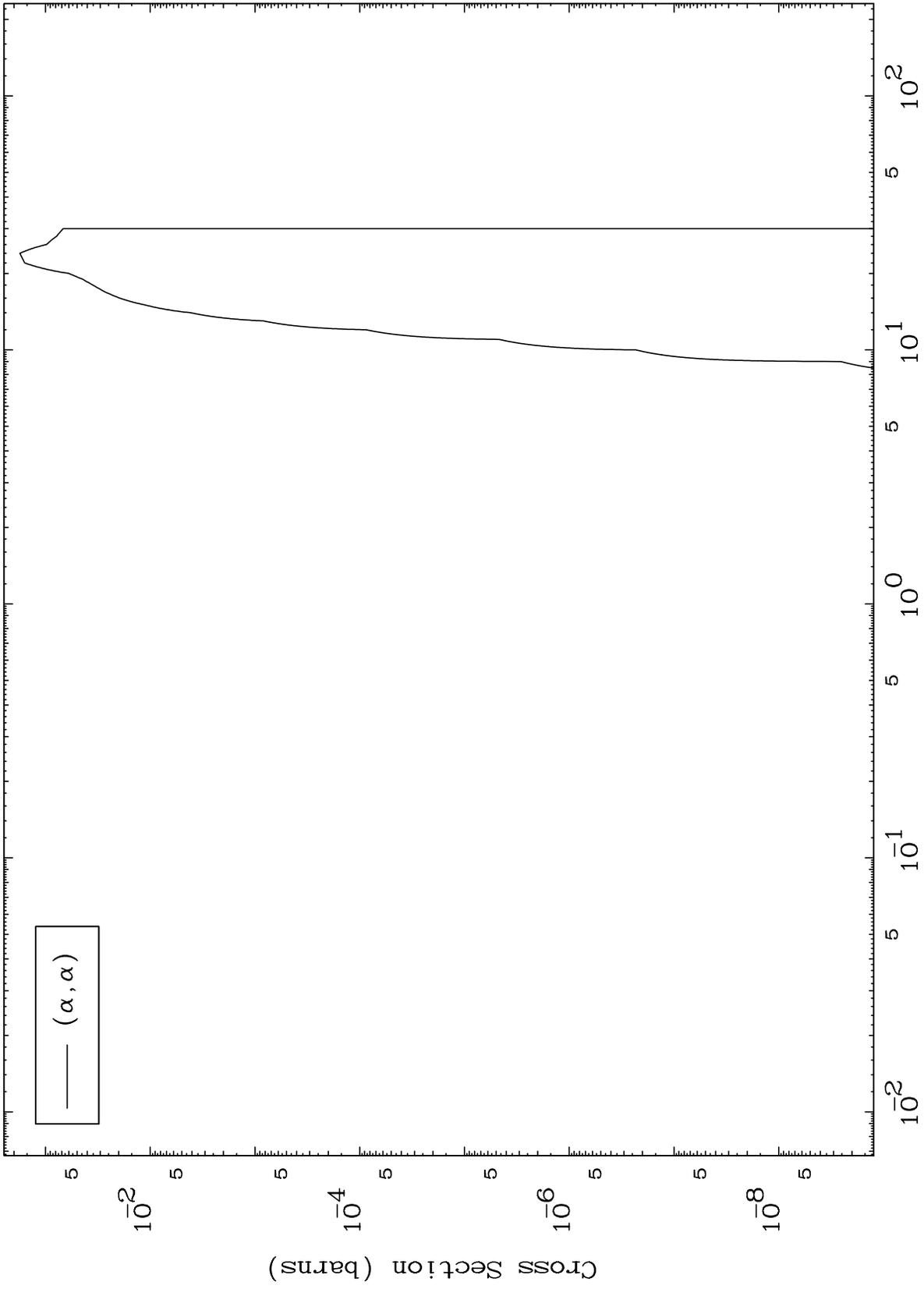
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



11

Incident Energy (MeV)

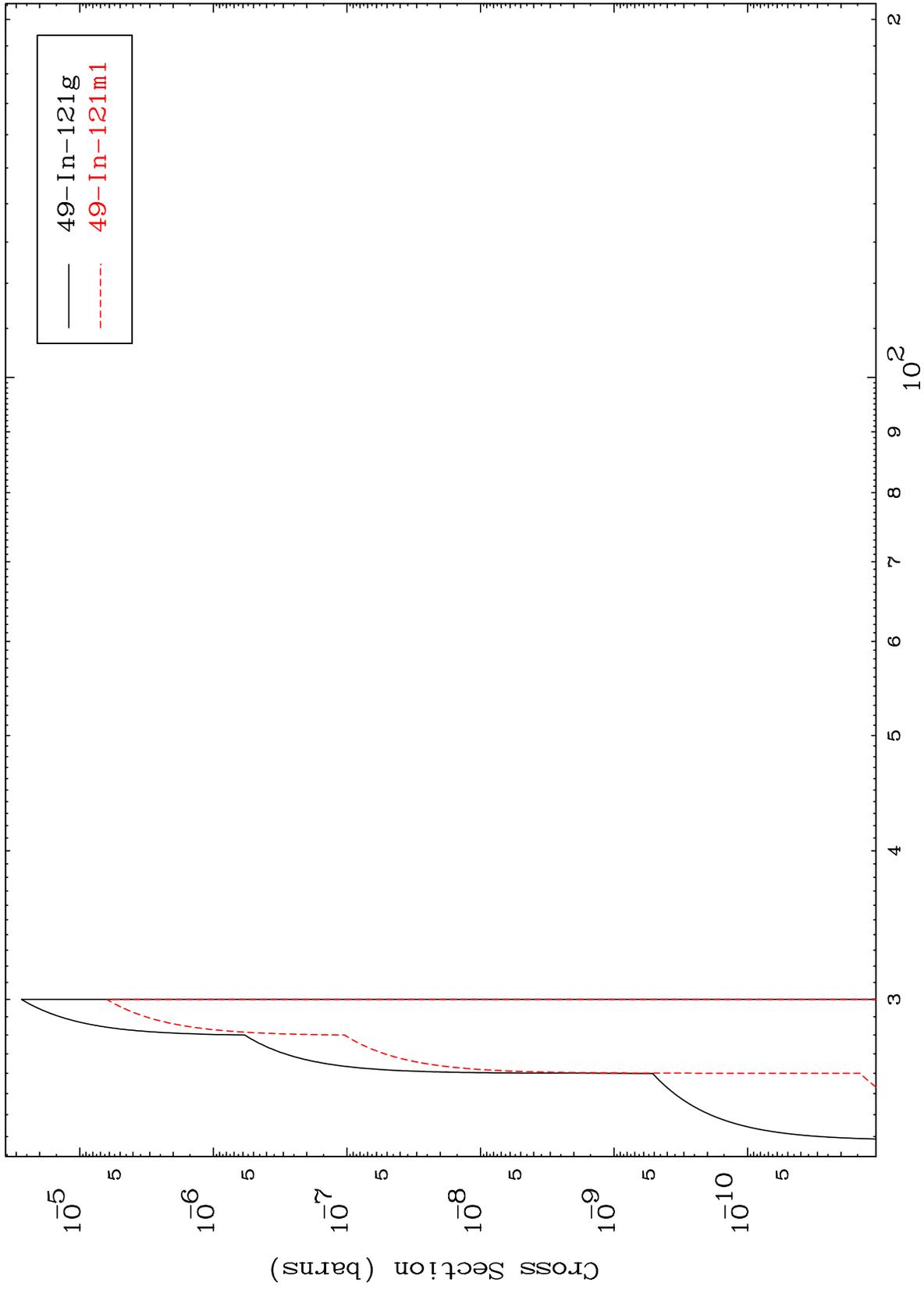
48-Cd-121

MAT 4870

( $\alpha, 2n$ ) d

48-Cd-121

Radionuclide Production Cross Section



12

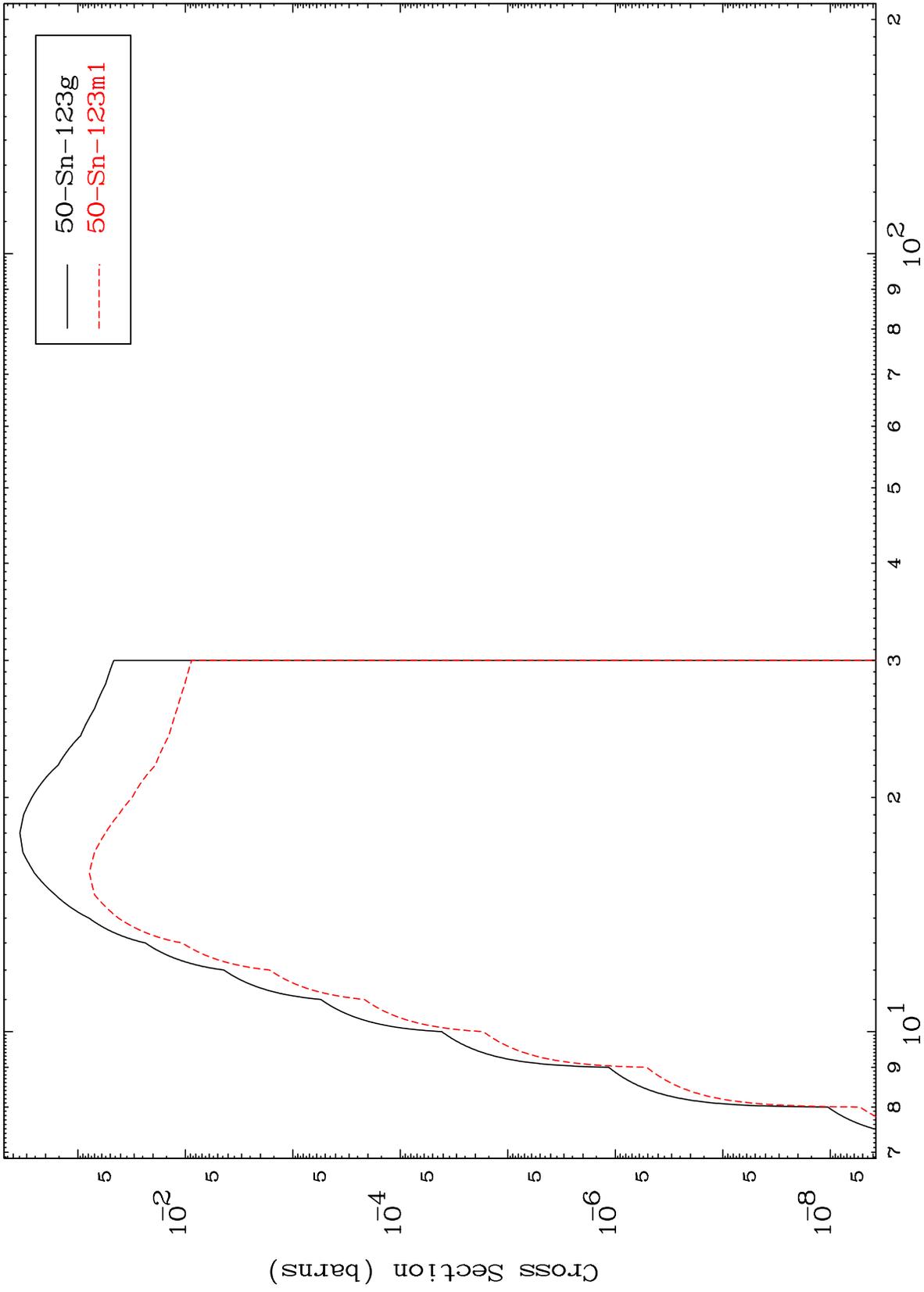
Incident Energy (MeV)

48-Cd-121

MAT 4870

48-Cd-121

$(\alpha, 2n)$   
Radionuclide Production Cross Section



13

Incident Energy (MeV)

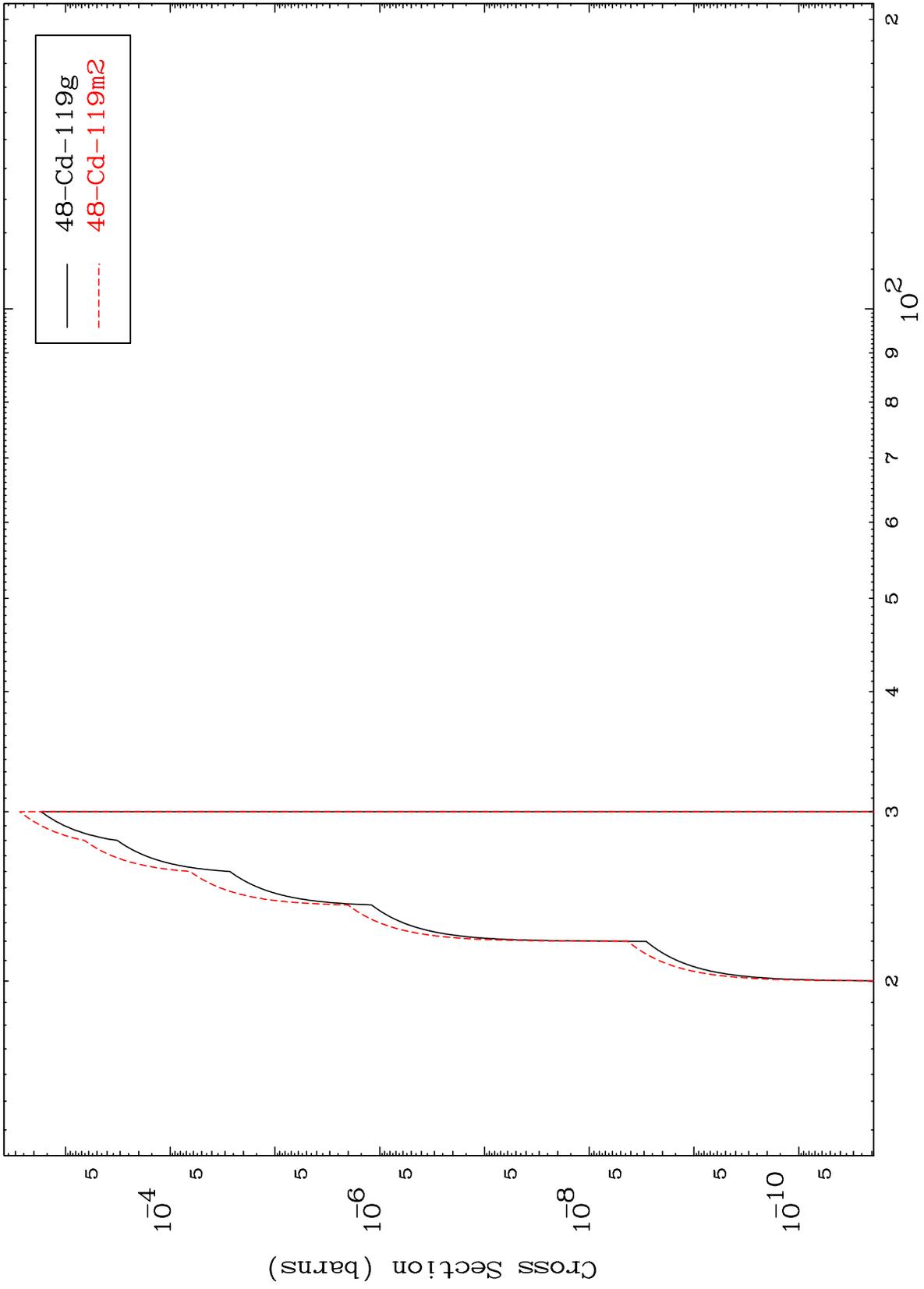
48-Cd-121

MAT 4870

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

48-Cd-121

Radionuclide Production Cross Section



14

Incident Energy (MeV)

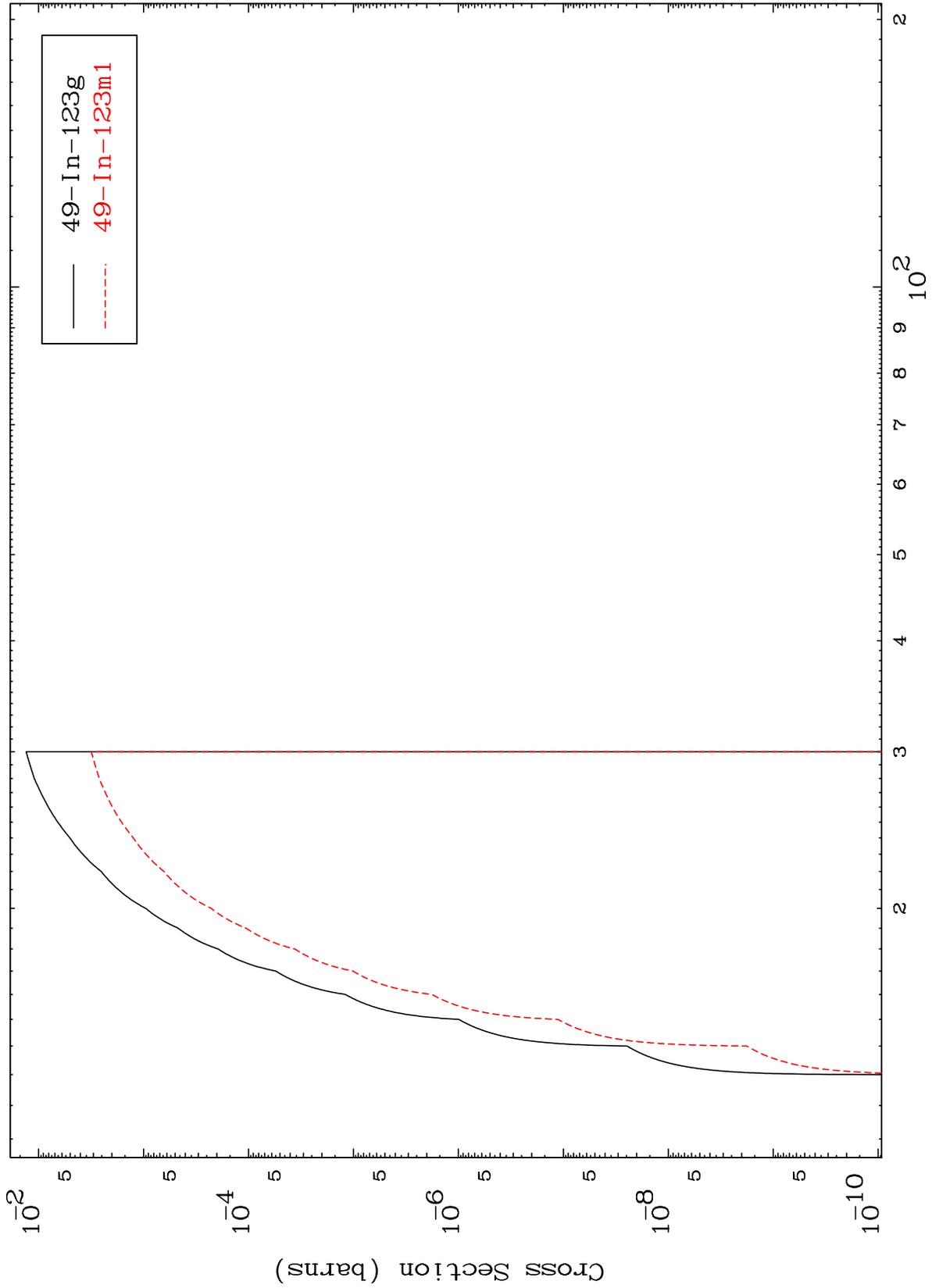
48-Cd-121

MAT 4870

( $\alpha, n'$ ) p

48-Cd-121

Radionuclide Production Cross Section



15

Incident Energy (MeV)

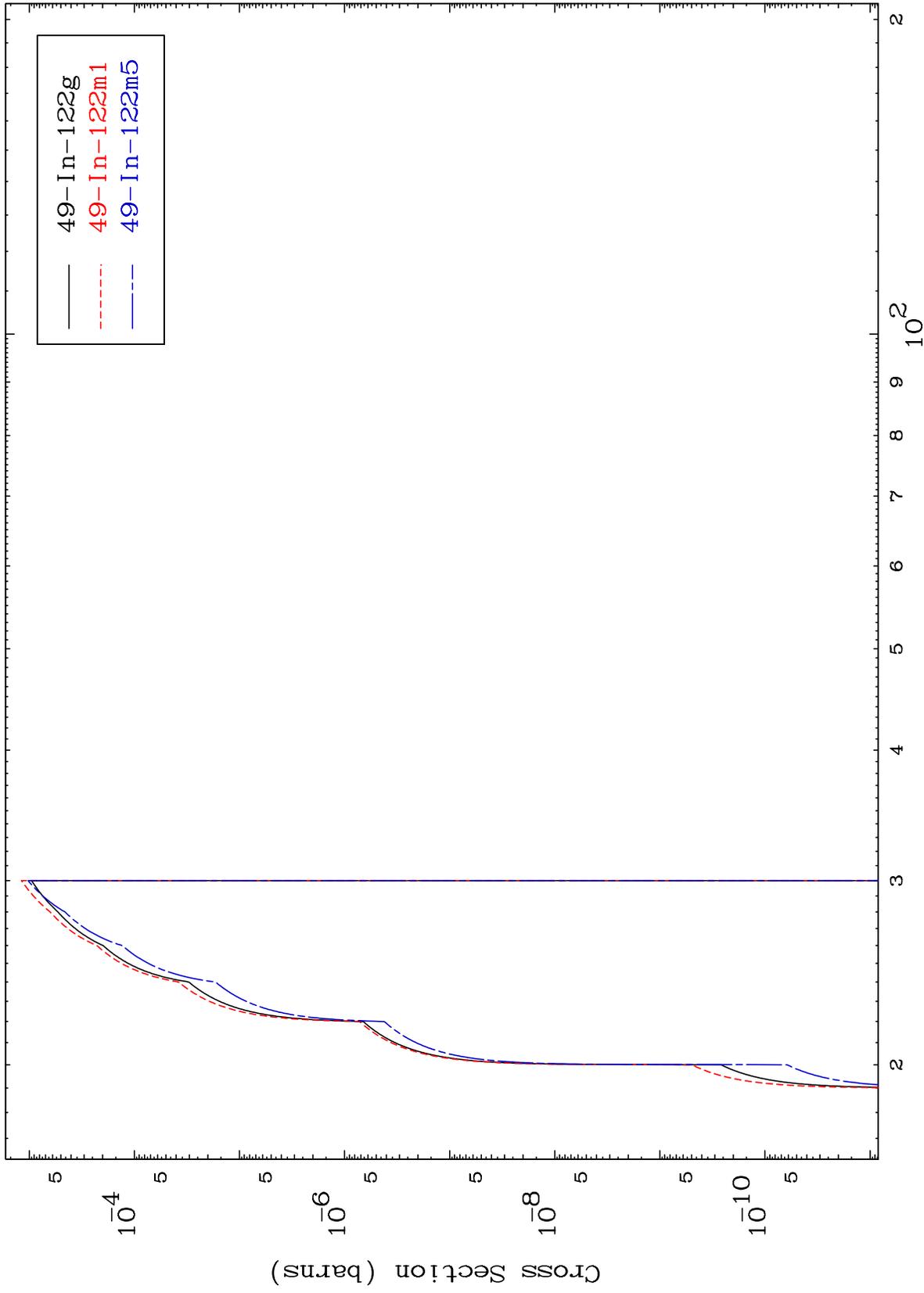
48-Cd-121

MAT 4870

( $\alpha, n'$ ) d

48-Cd-121

Radionuclide Production Cross Section



16

Incident Energy (MeV)

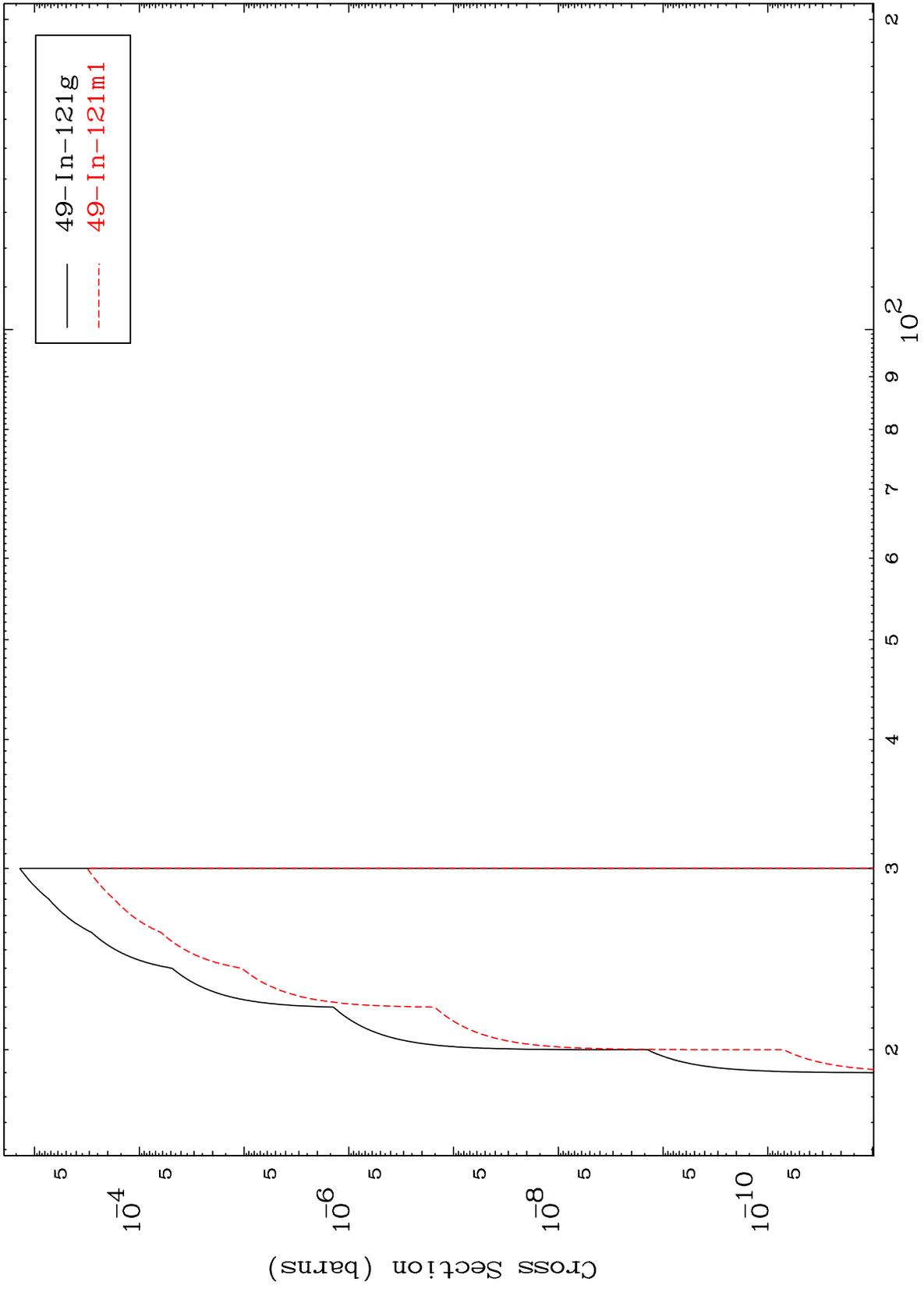
48-Cd-121

MAT 4870

( $\alpha, n'$ ) t

48-Cd-121

Radionuclide Production Cross Section



17

Incident Energy (MeV)

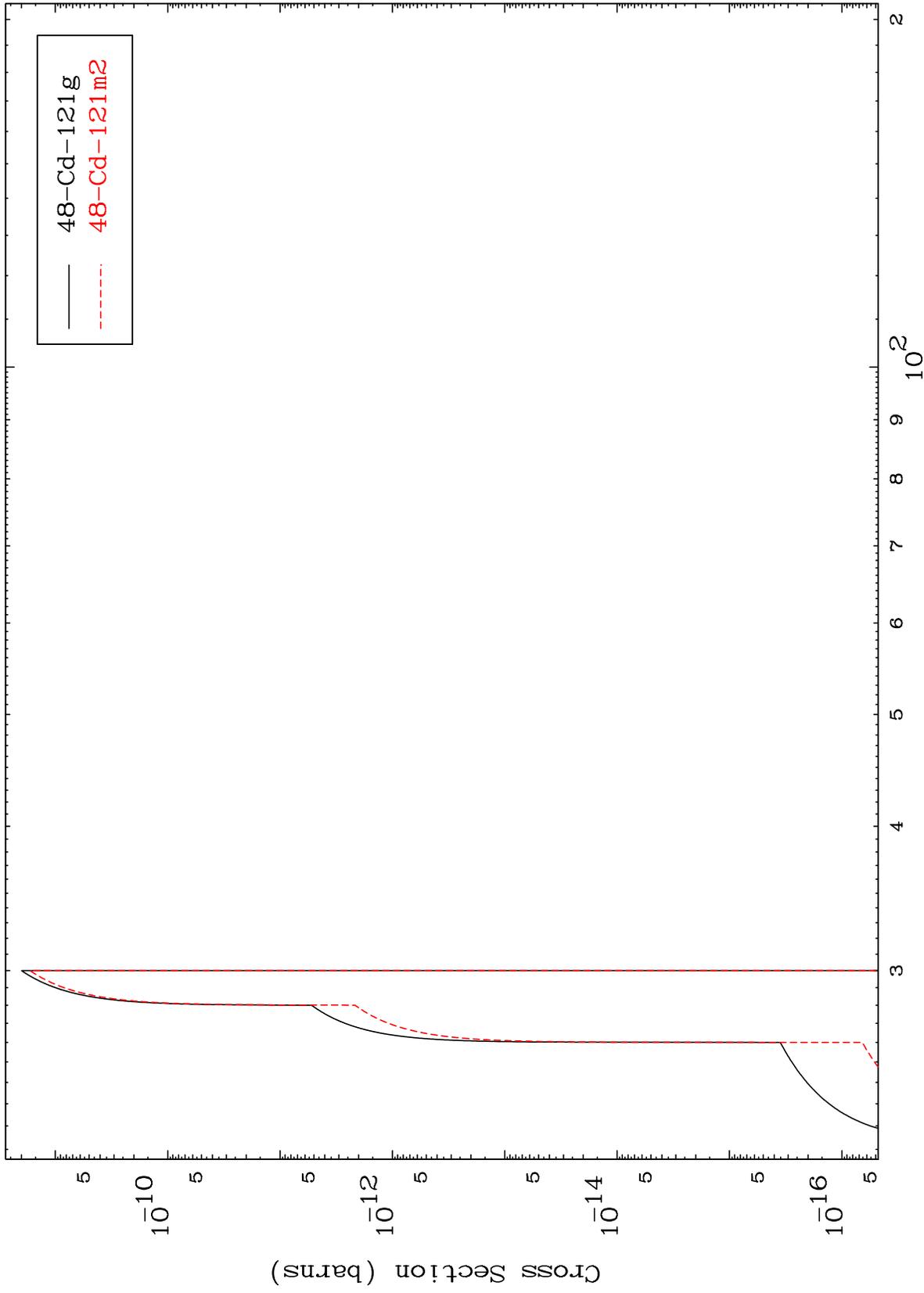
48-Cd-121

MAT 4870

( $\alpha, n'$ ) He-3

48-Cd-121

Radionuclide Production Cross Section



18

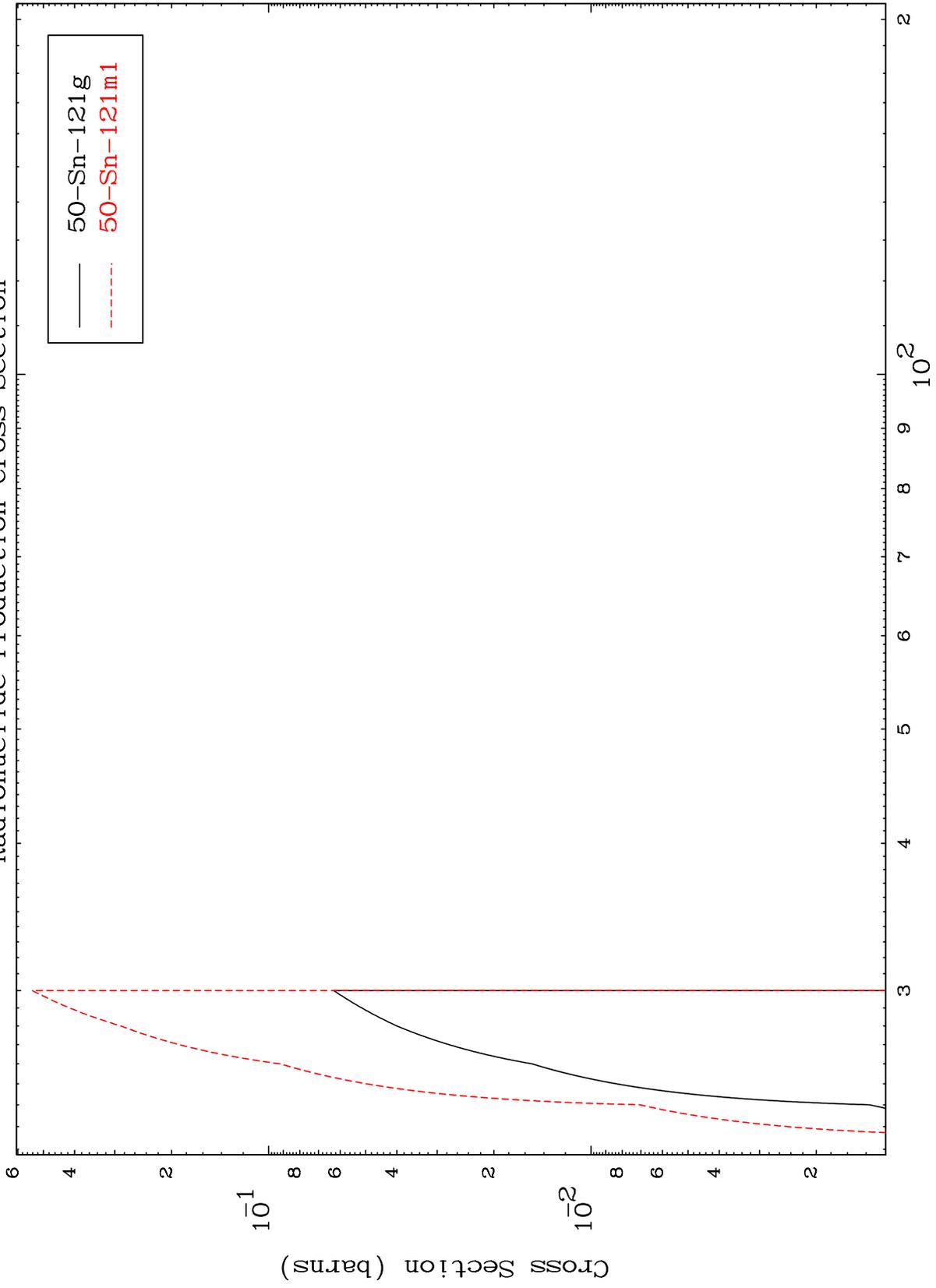
Incident Energy (MeV)

48-Cd-121

MAT 4870

48-Cd-121

$(\alpha, 4n)$   
Radionuclide Production Cross Section



19

Incident Energy (MeV)

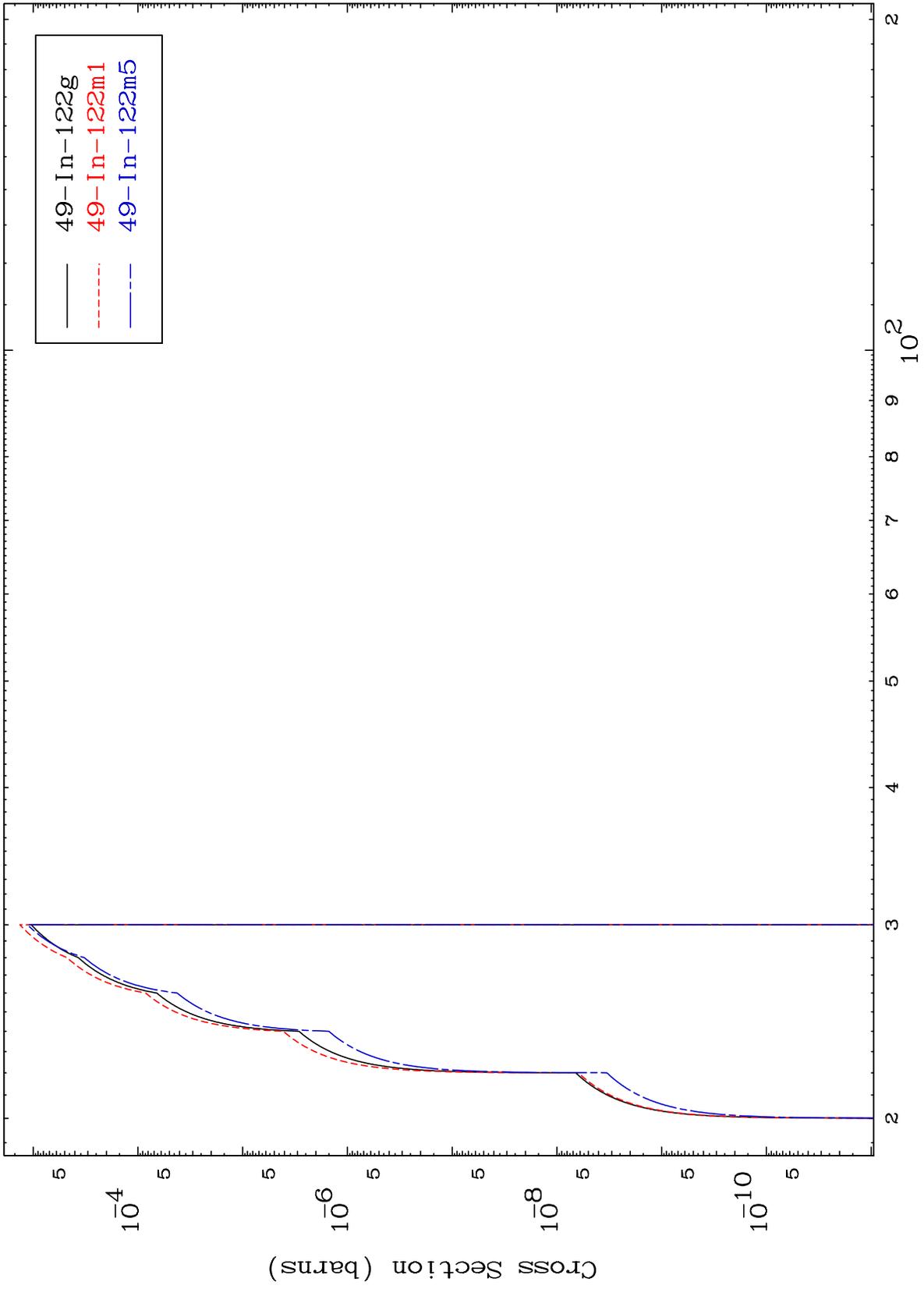
48-Cd-121

MAT 4870

( $\alpha, 2n$ ) p

48-Cd-121

Radionuclide Production Cross Section



20

Incident Energy (MeV)

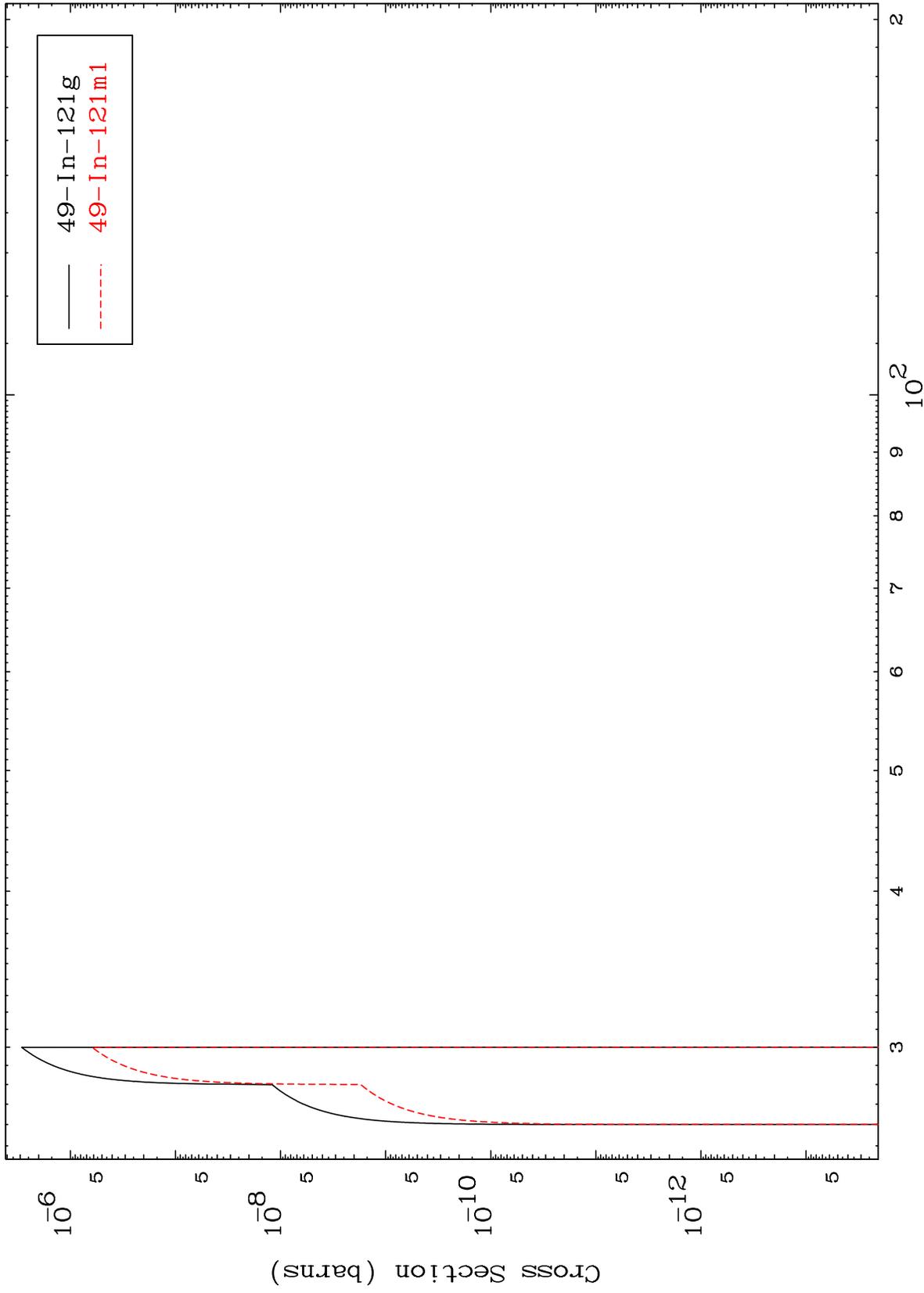
48-Cd-121

MAT 4870

( $\alpha, 3n$ ) p

48-Cd-121

Radionuclide Production Cross Section



21

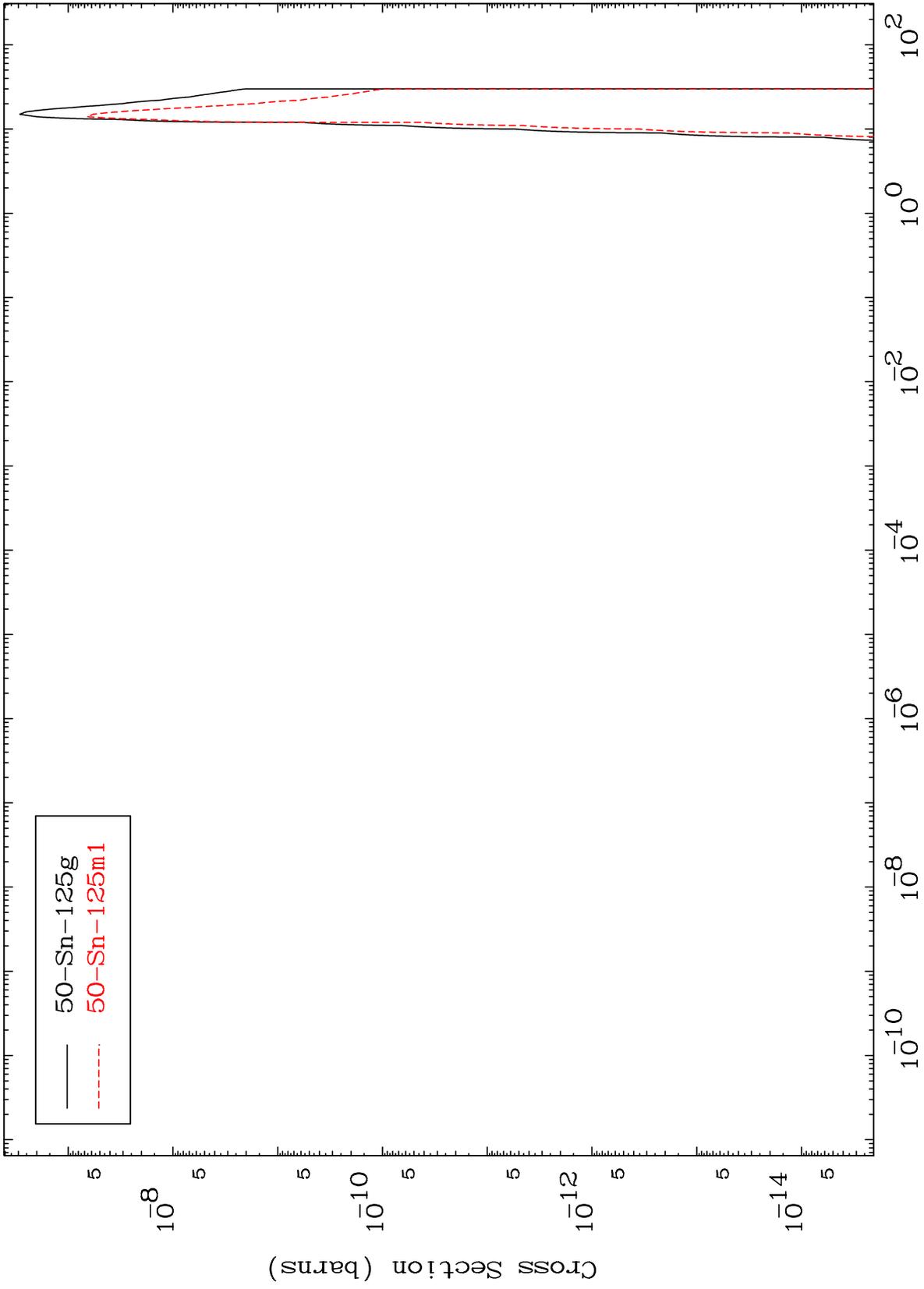
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121



22

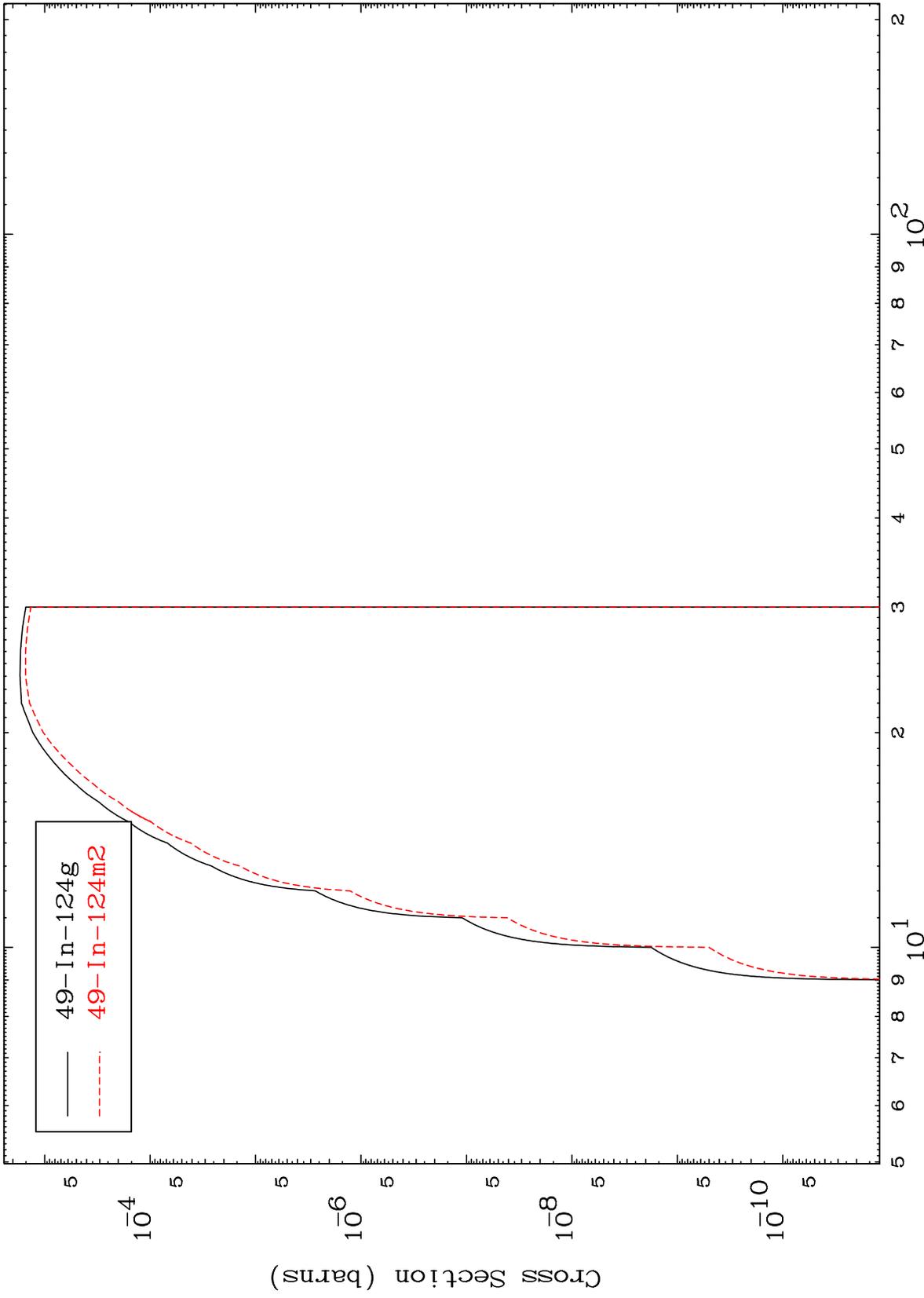
Incident Energy (MeV)

48-Cd-121

MAT 4870

48-Cd-121

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



23

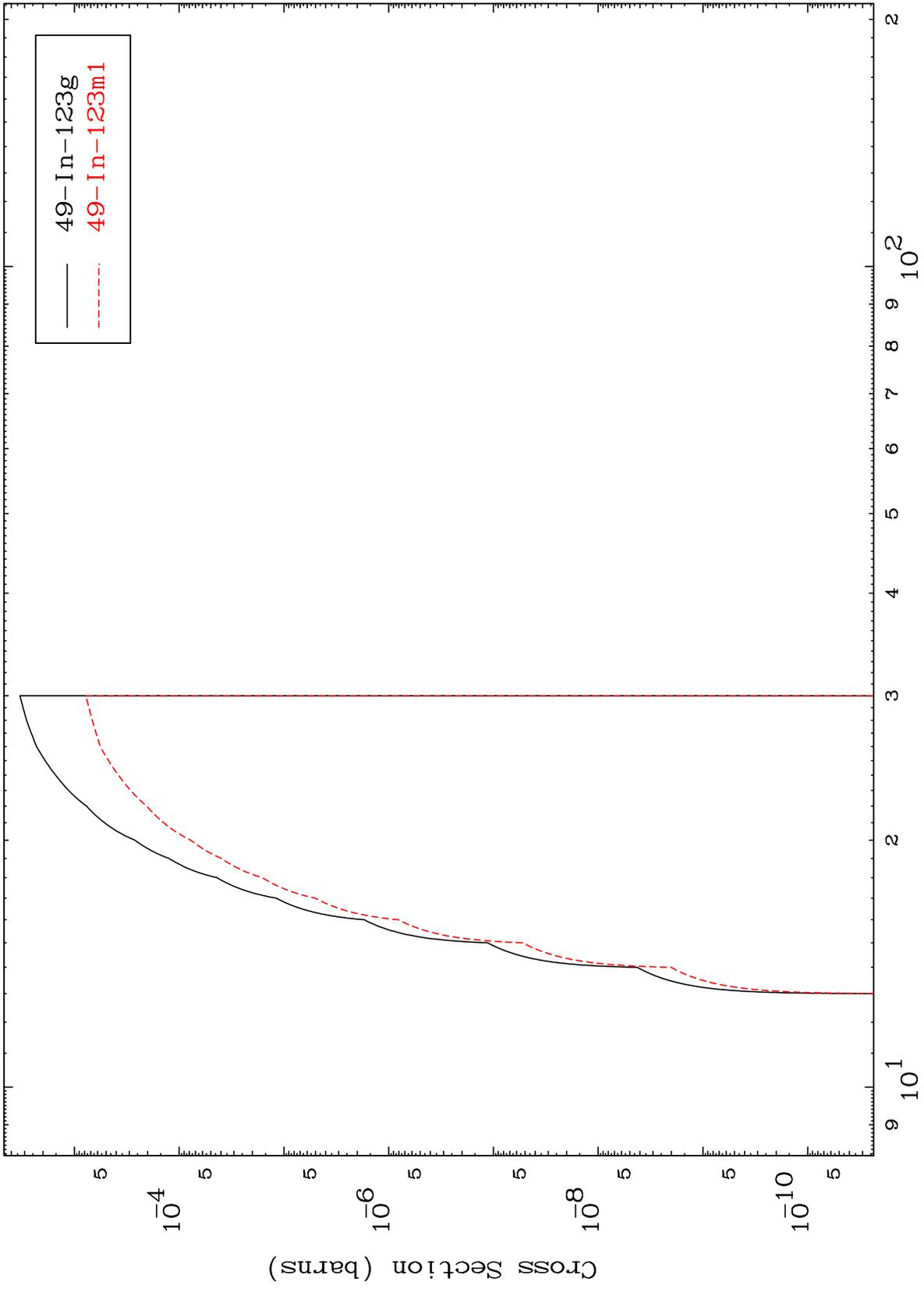
48-Cd-121

MAT 4870

( $\alpha, d$ )

48-Cd-121

Radionuclide Production Cross Section



24

Incident Energy (MeV)

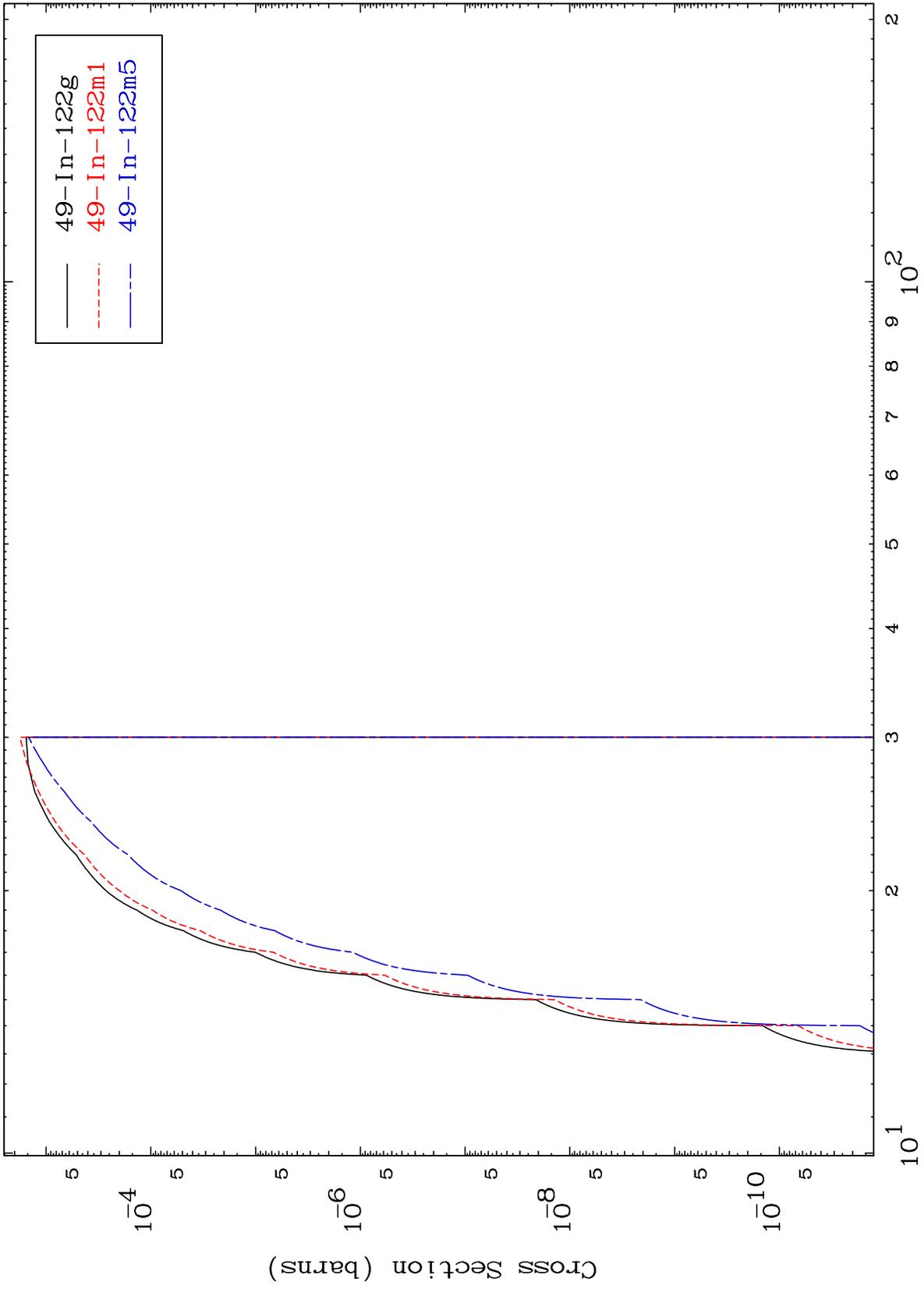
48-Cd-121

MAT 4870

( $\alpha, t$ )

48-Cd-121

Radionuclide Production Cross Section



25

Incident Energy (MeV)

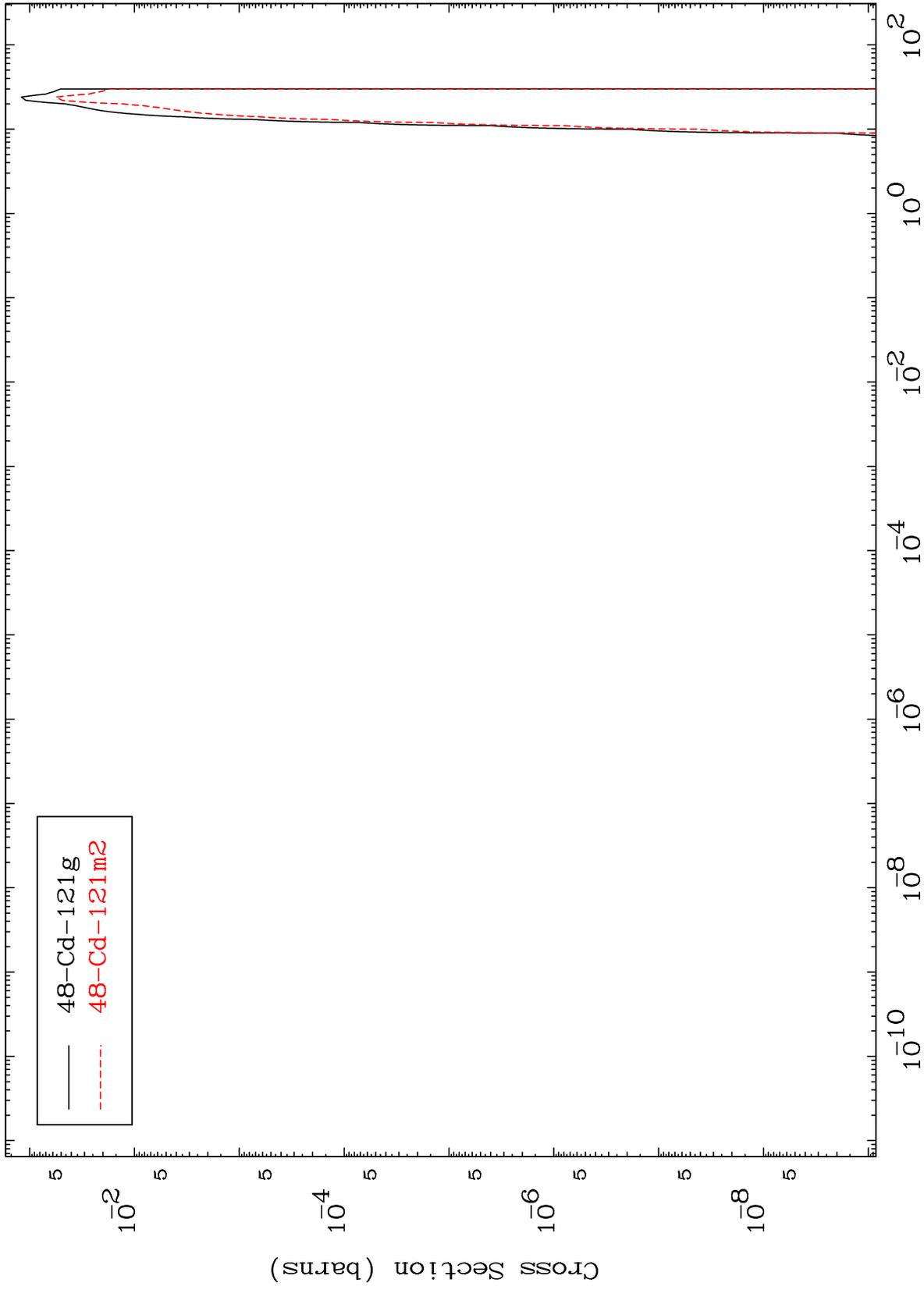
48-Cd-121

MAT 4870

( $\alpha, \alpha$ )

48-Cd-121

Radionuclide Production Cross Section



26

Incident Energy (MeV)

48-Cd-121