

Program EVALPLOT  
(Version 2018-1)

by

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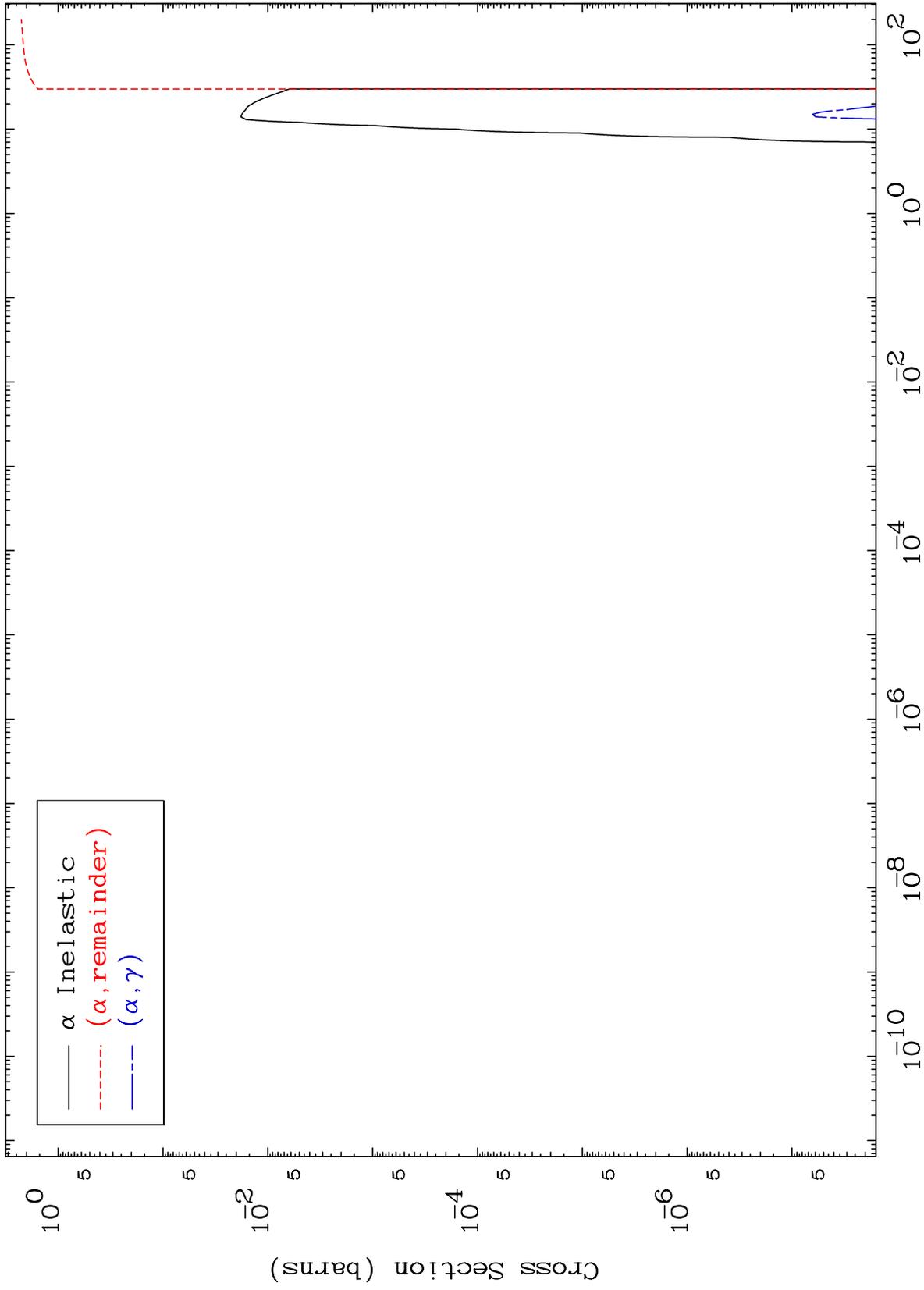
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4876

0 Kelvin  $\alpha$  Major  
Cross Sections

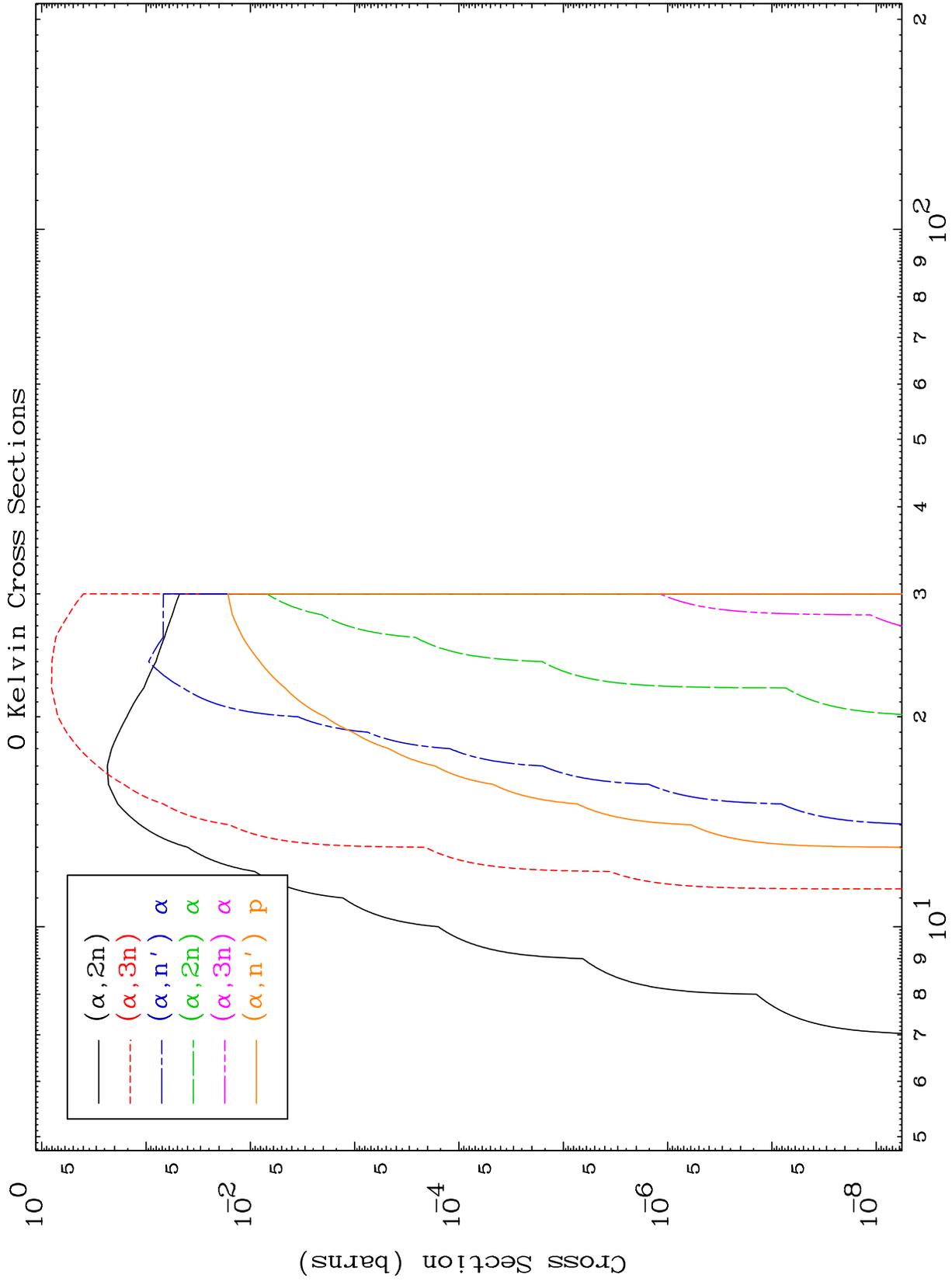
48-Cd-123



MAT 4876

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

48-Cd-123



2

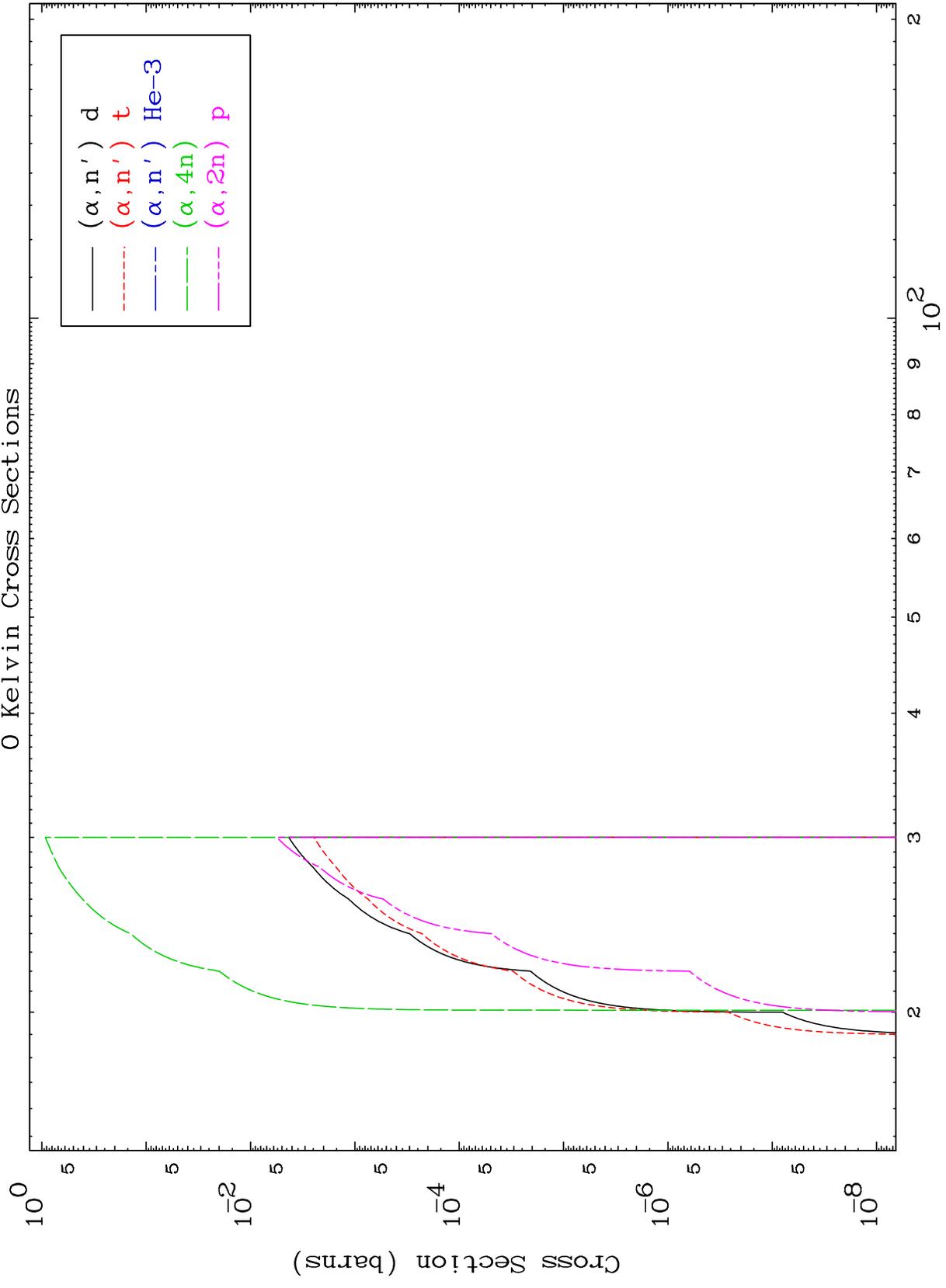
Incident Energy (MeV)

48-Cd-123

MAT 4876

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

48-Cd-123



3

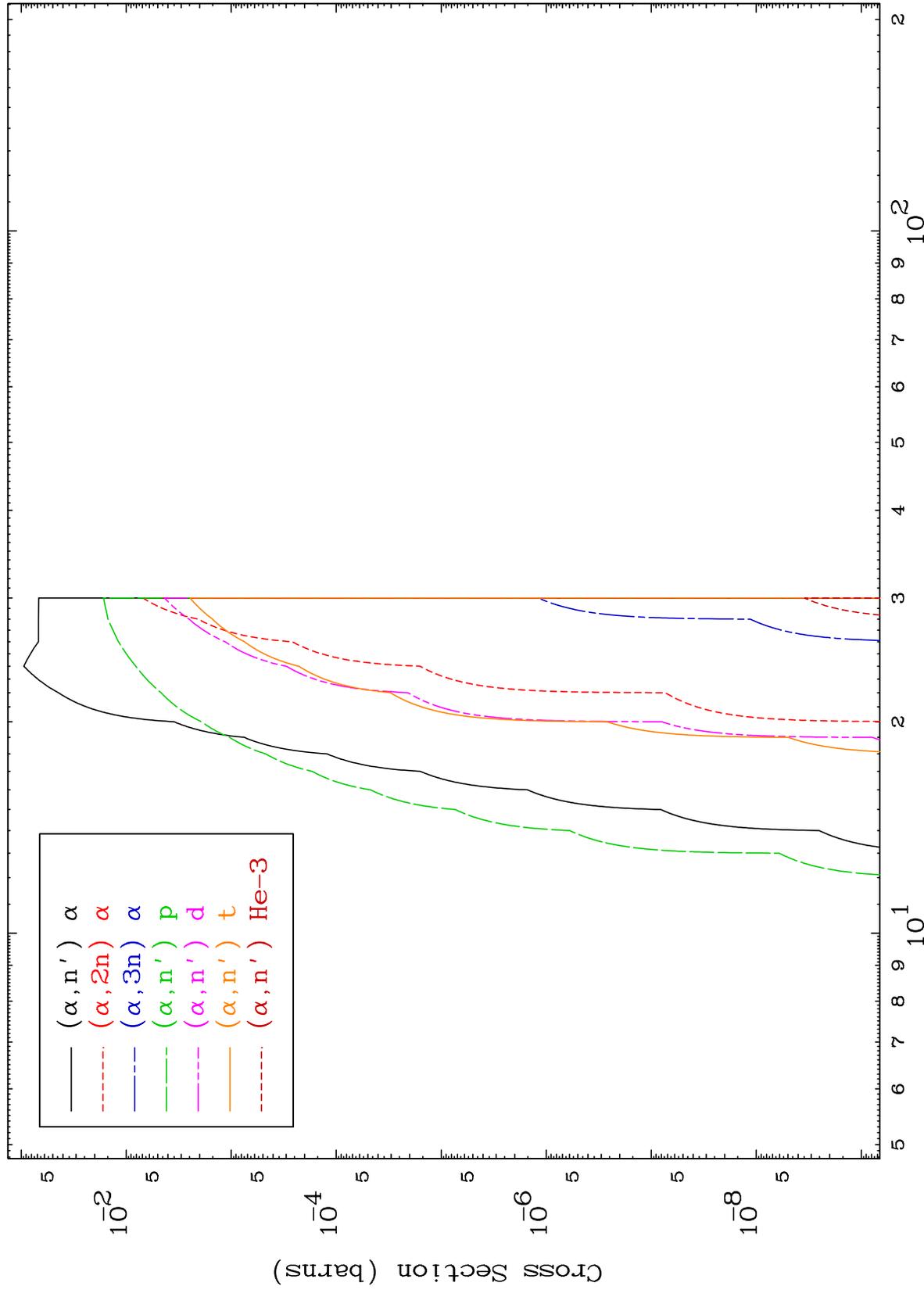
Incident Energy (MeV)

48-Cd-123

MAT 4876

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

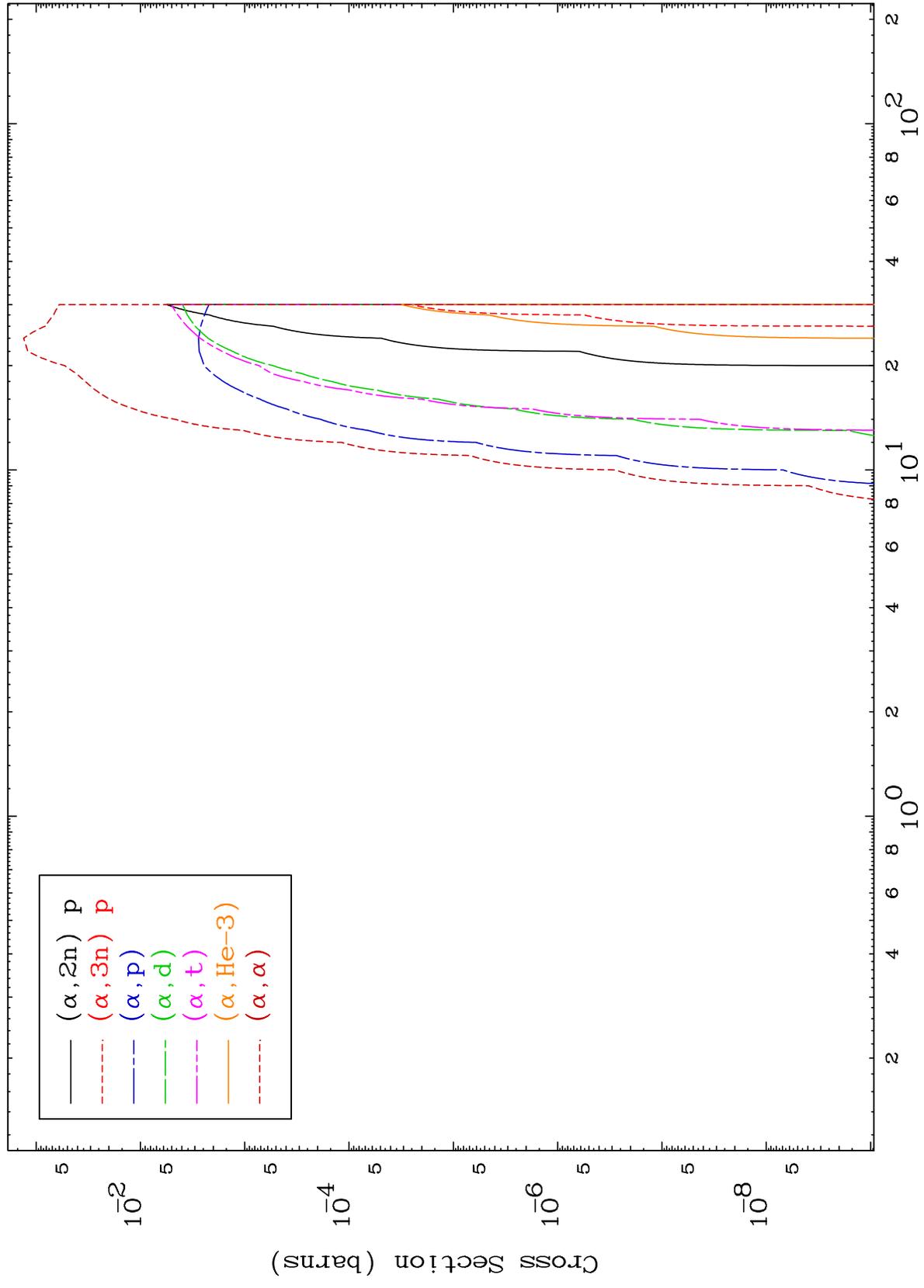
48-Cd-123



MAT 4876

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

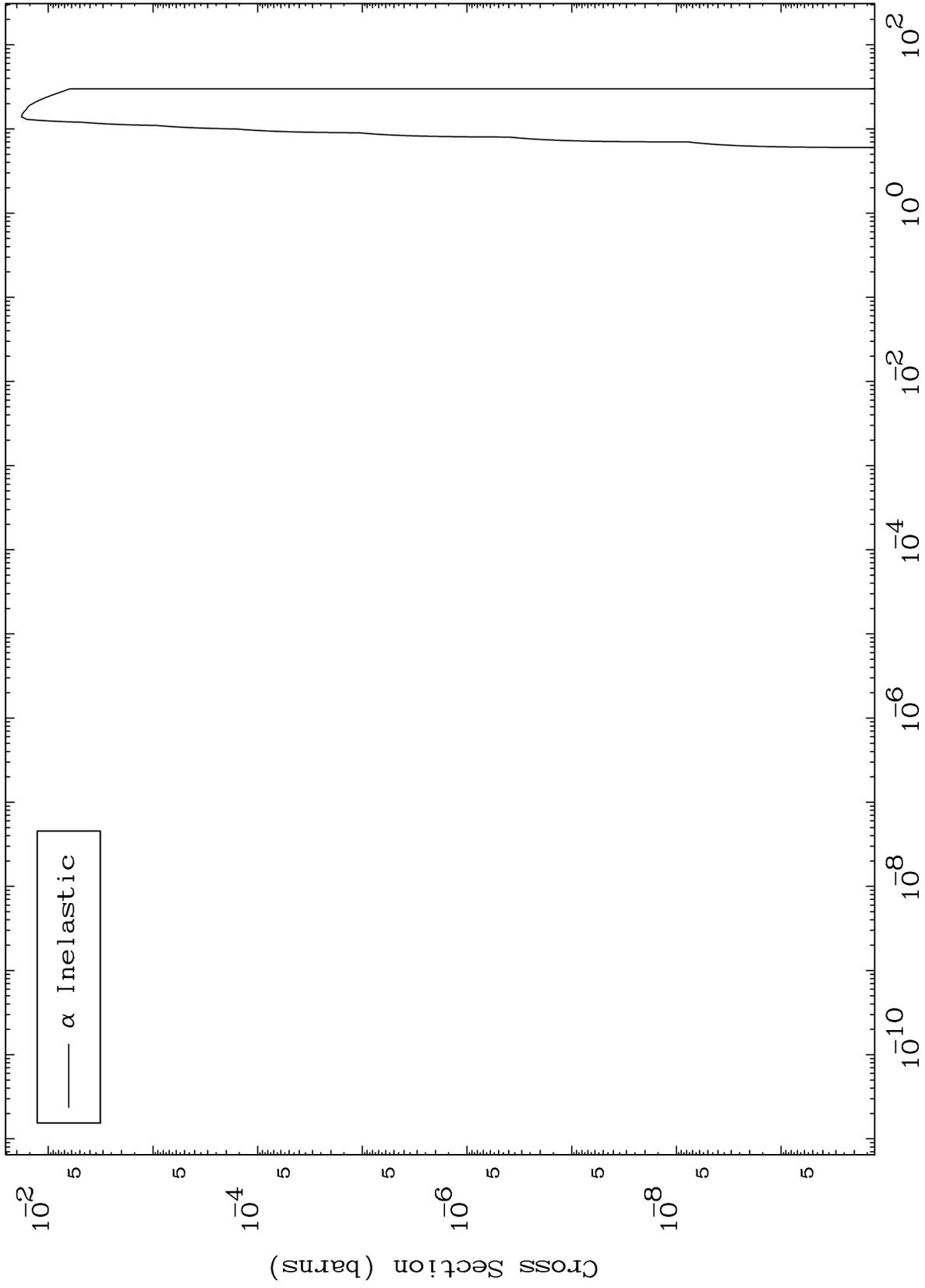
48-Cd-123



MAT 4876

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

48-Cd-123



6

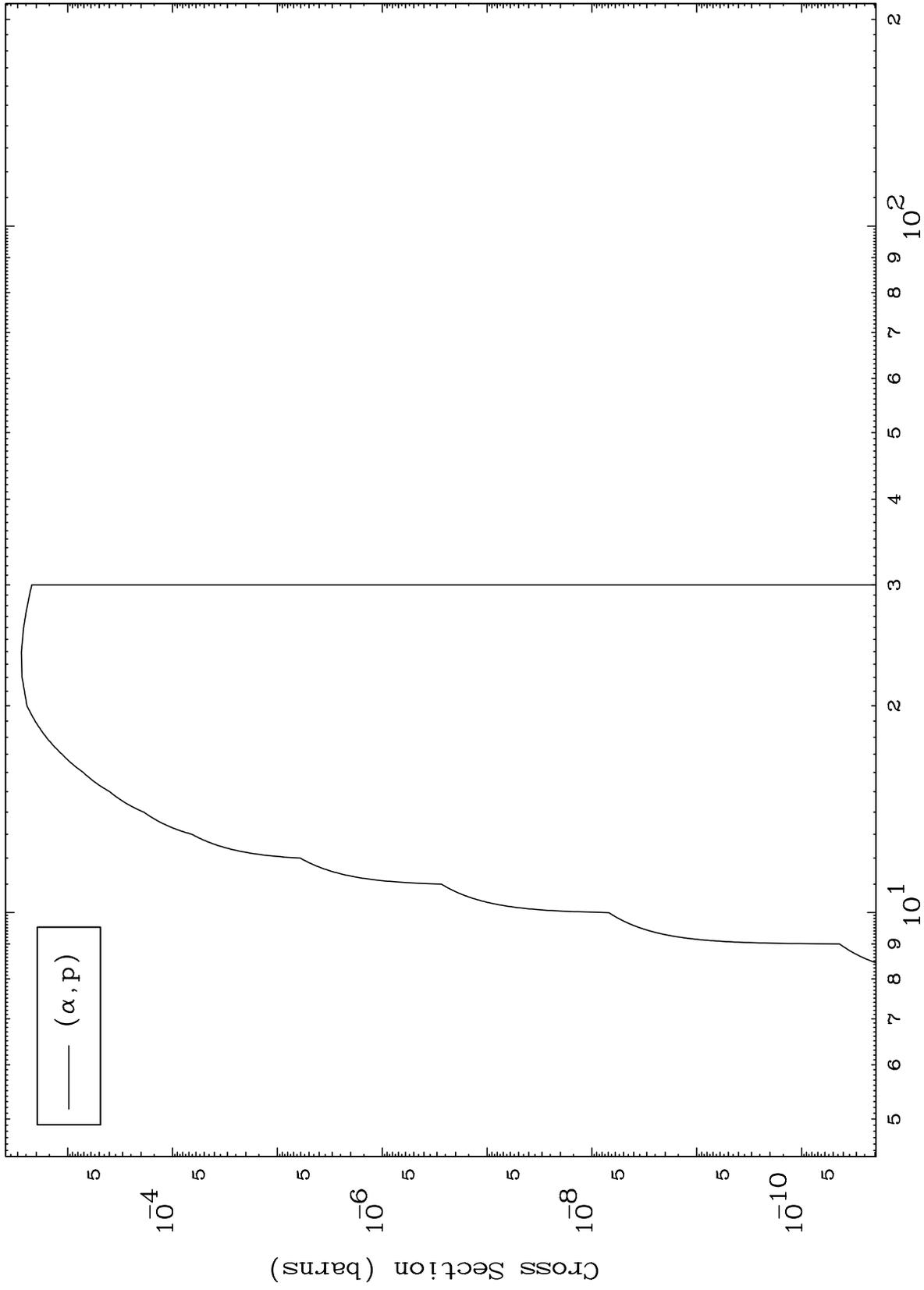
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



7

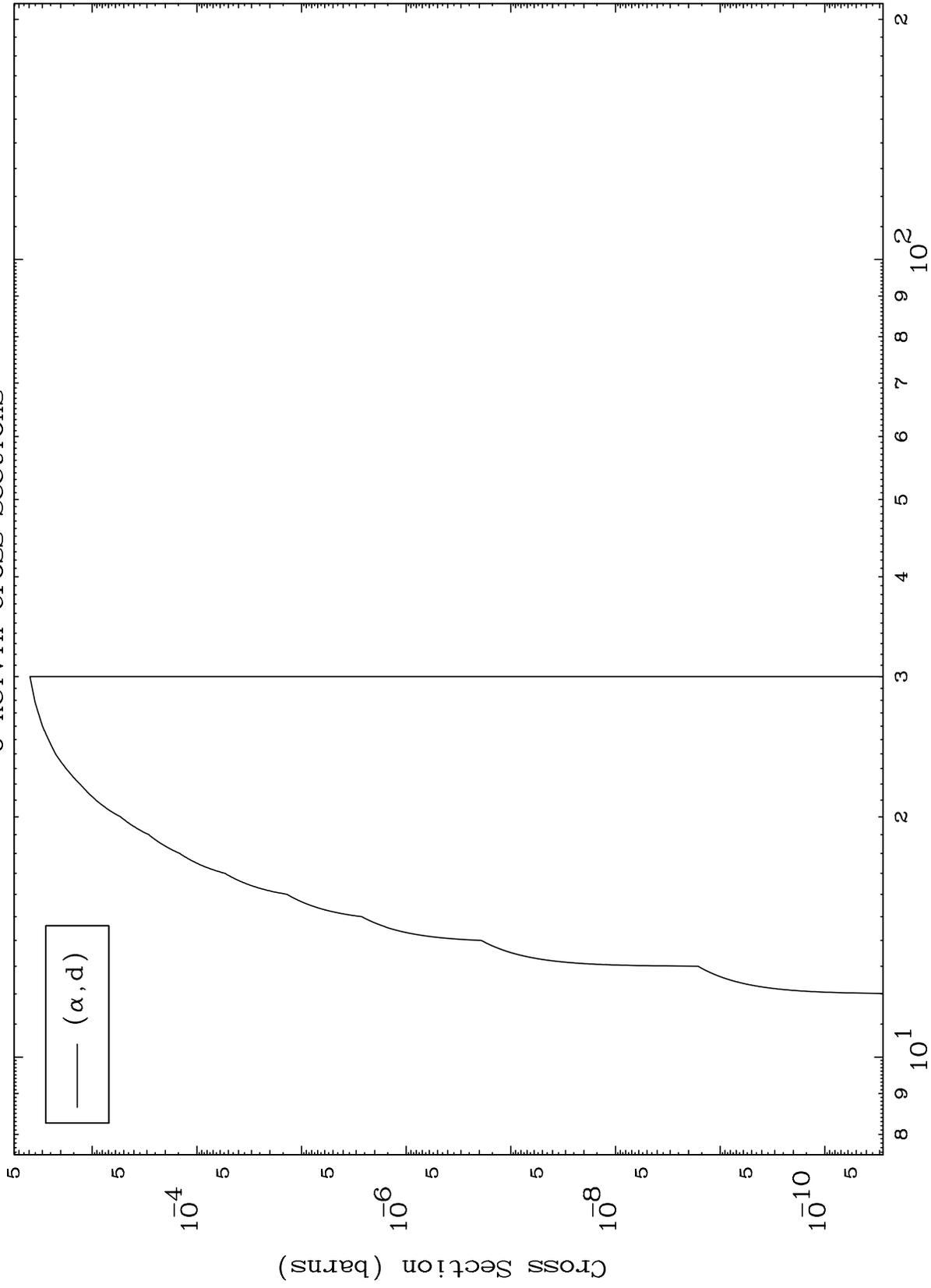
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



8

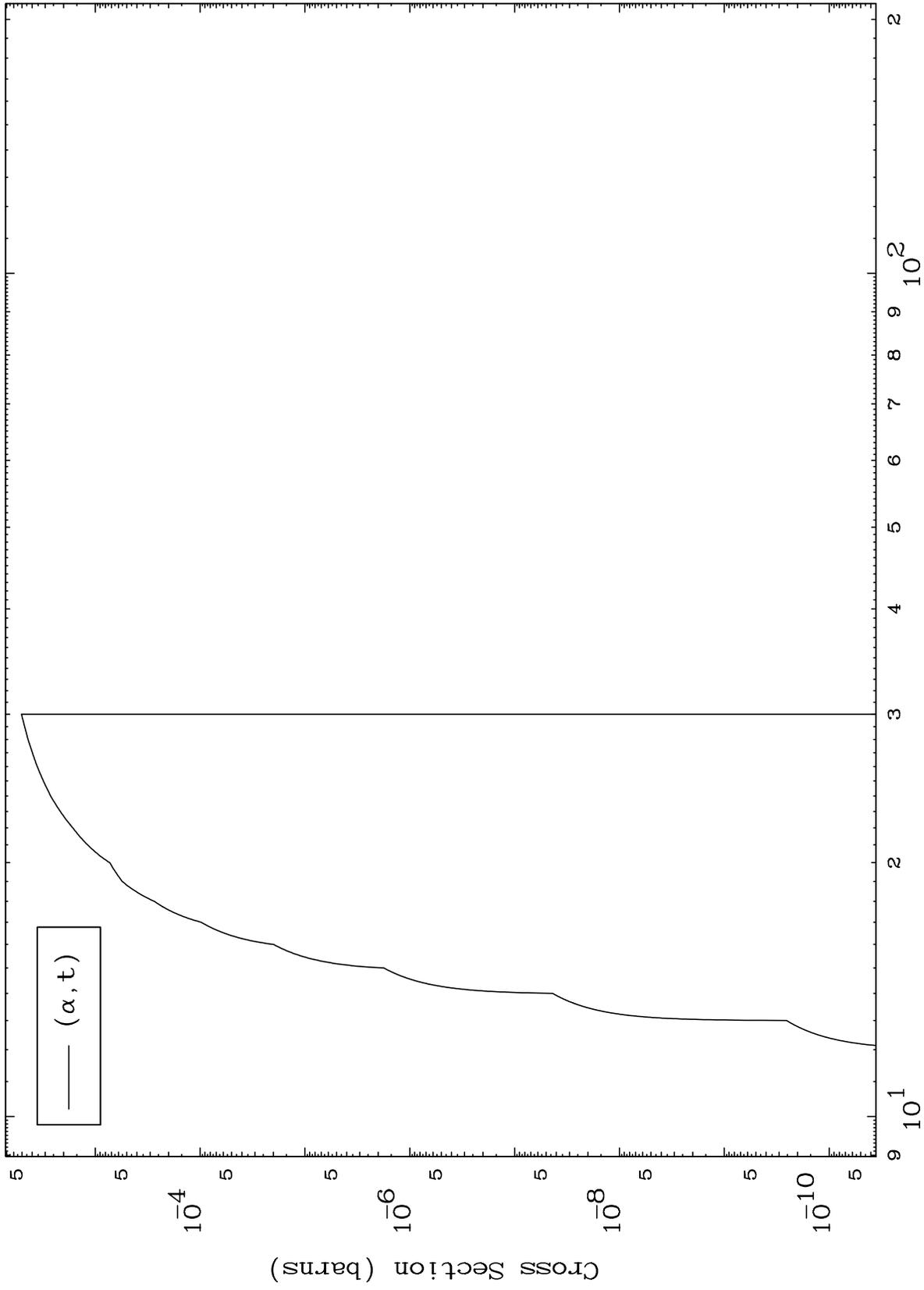
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



9

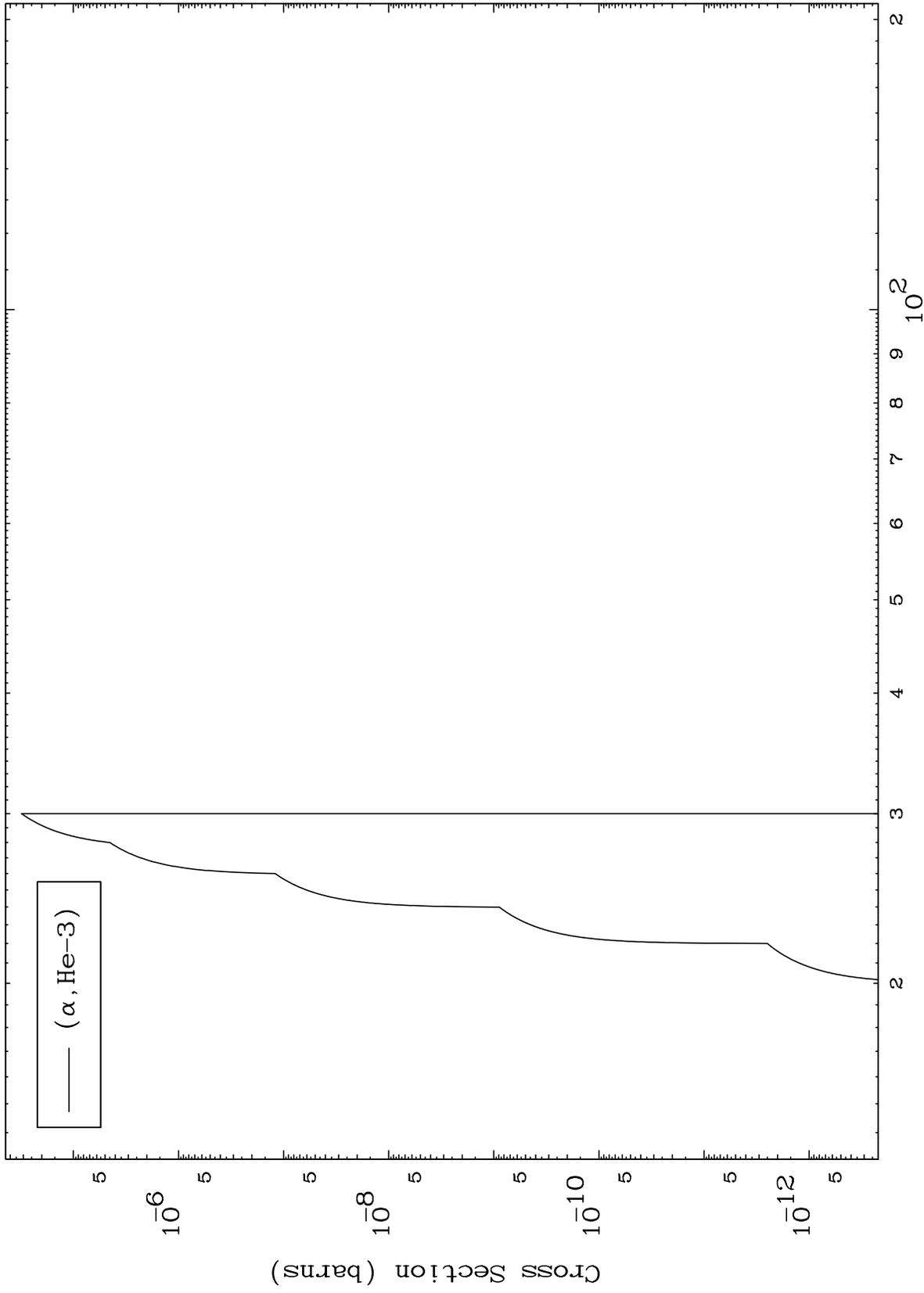
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123



10

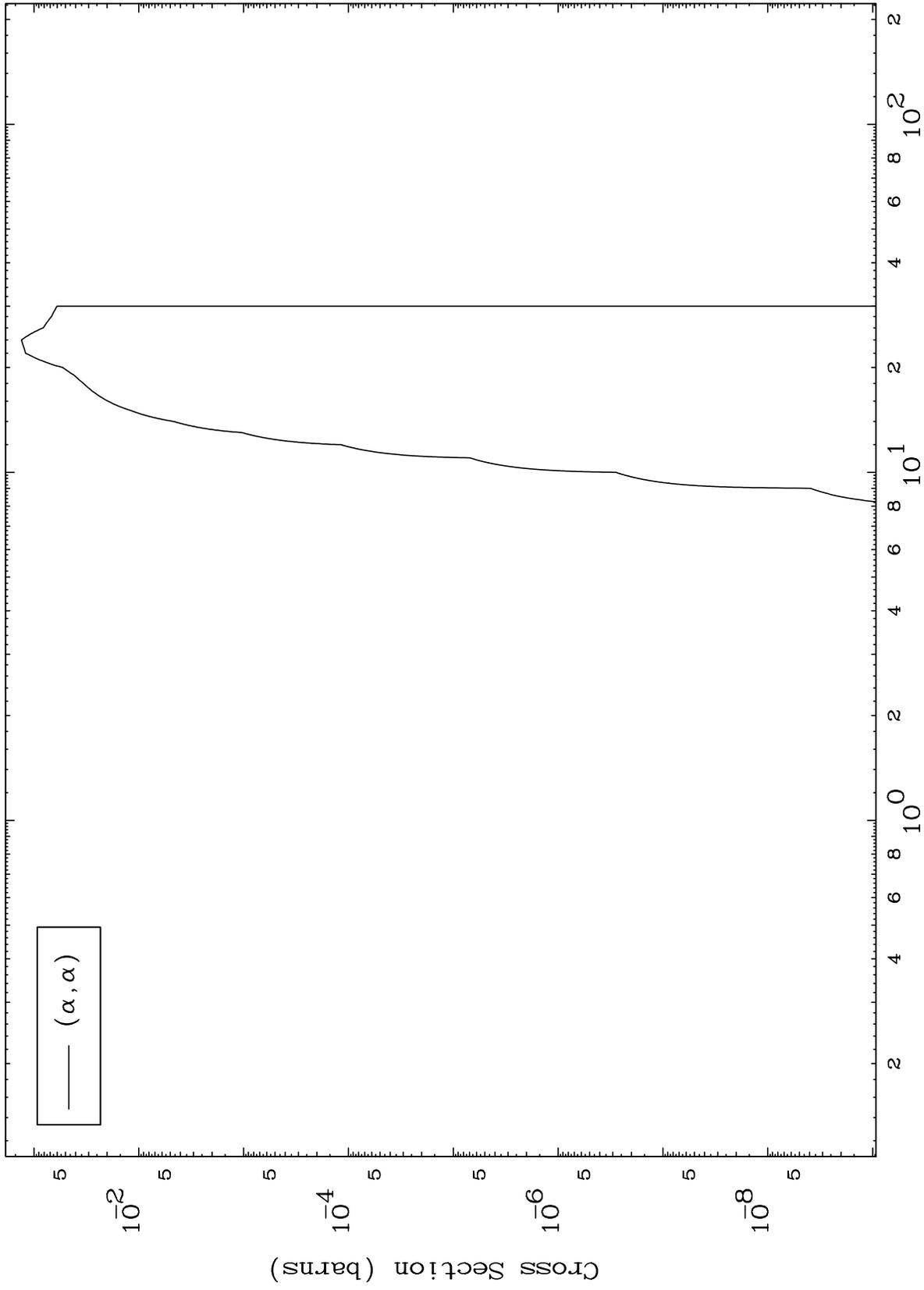
Incident Energy (MeV)

48-Cd-123

MAT 4876

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

48-Cd-123

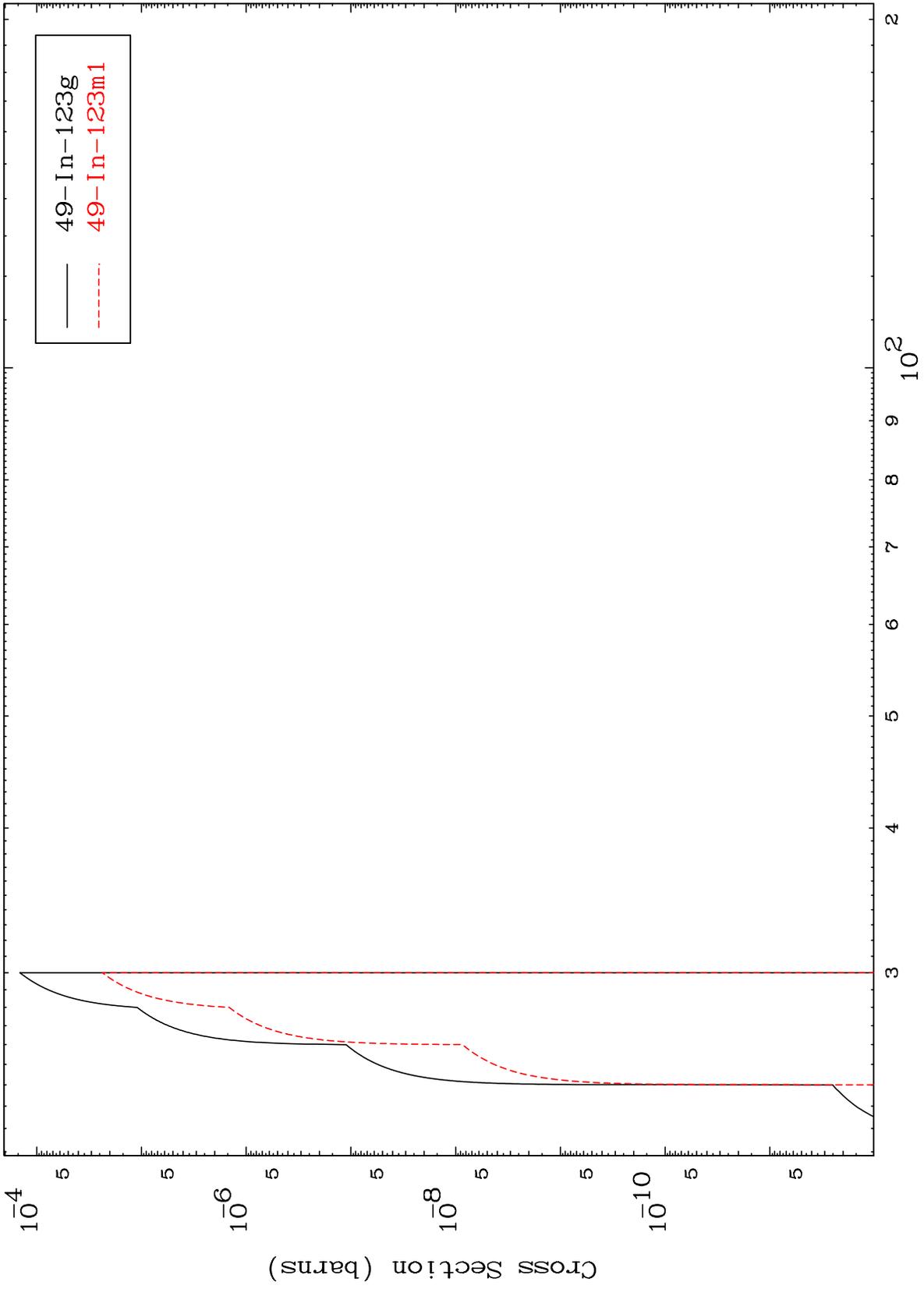


MAT 4876

( $\alpha, 2n$ ) d

48-Cd-123

Radionuclide Production Cross Section



12

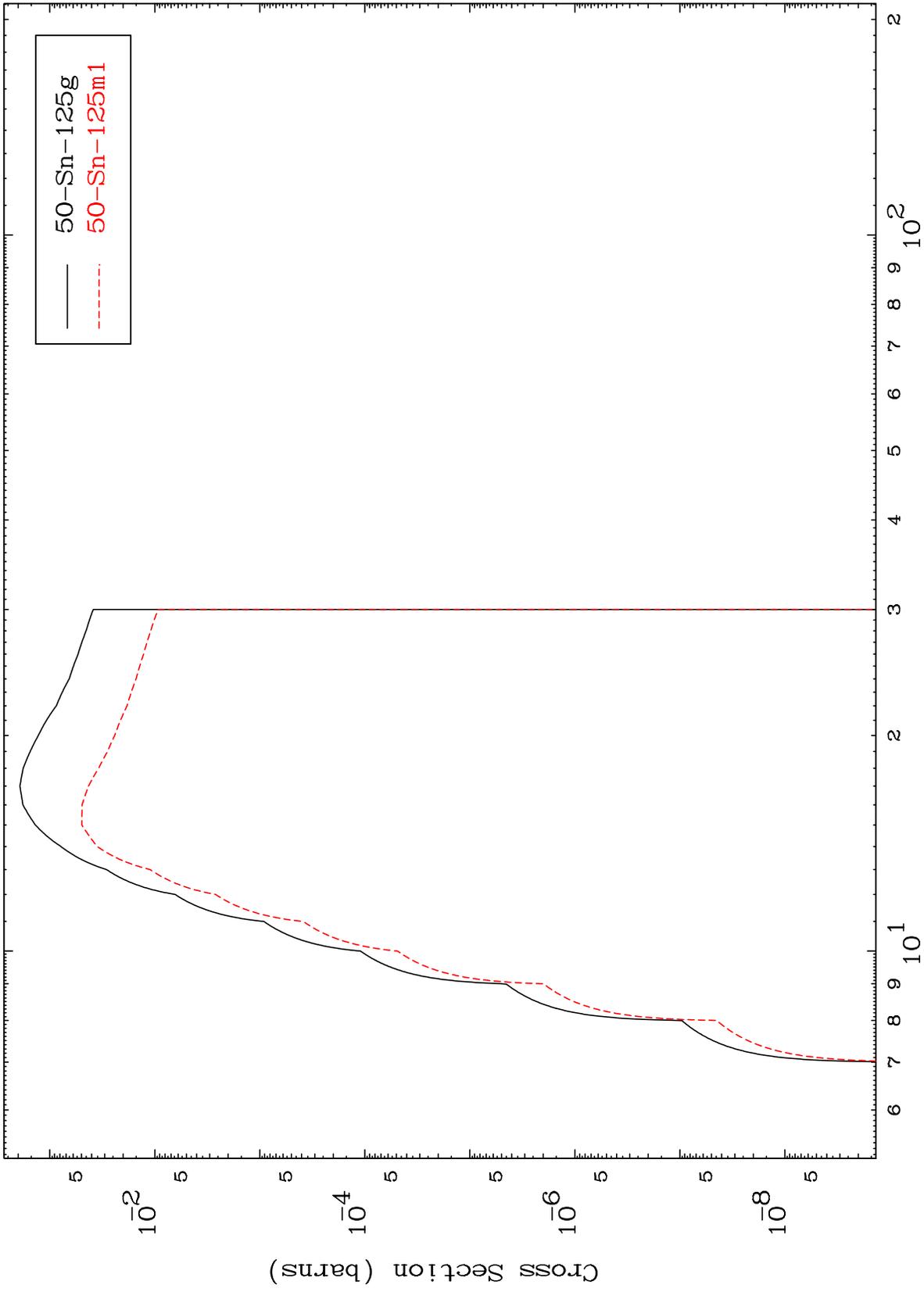
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

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



13

Incident Energy (MeV)

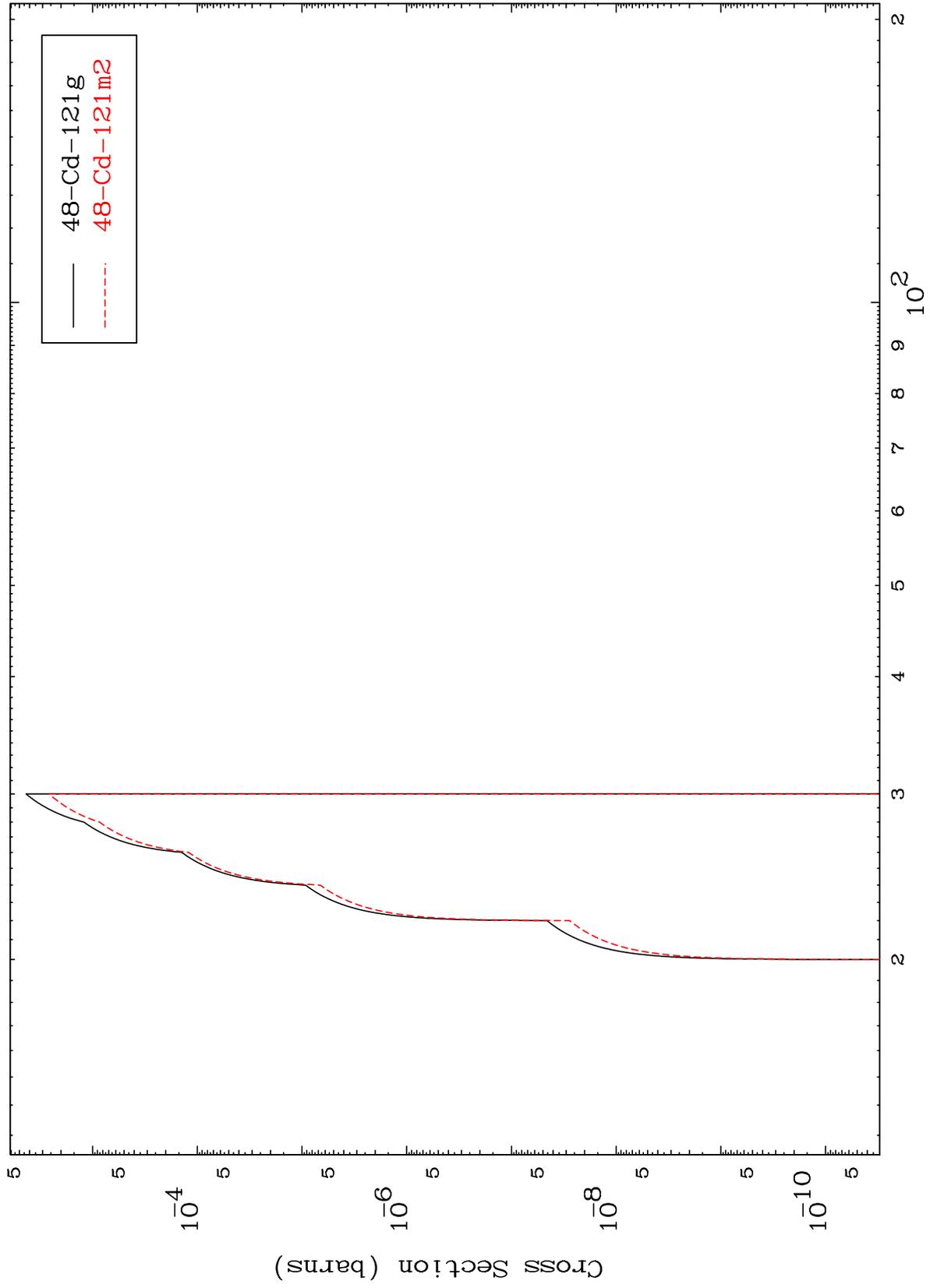
48-Cd-123

MAT 4876

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

48-Cd-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

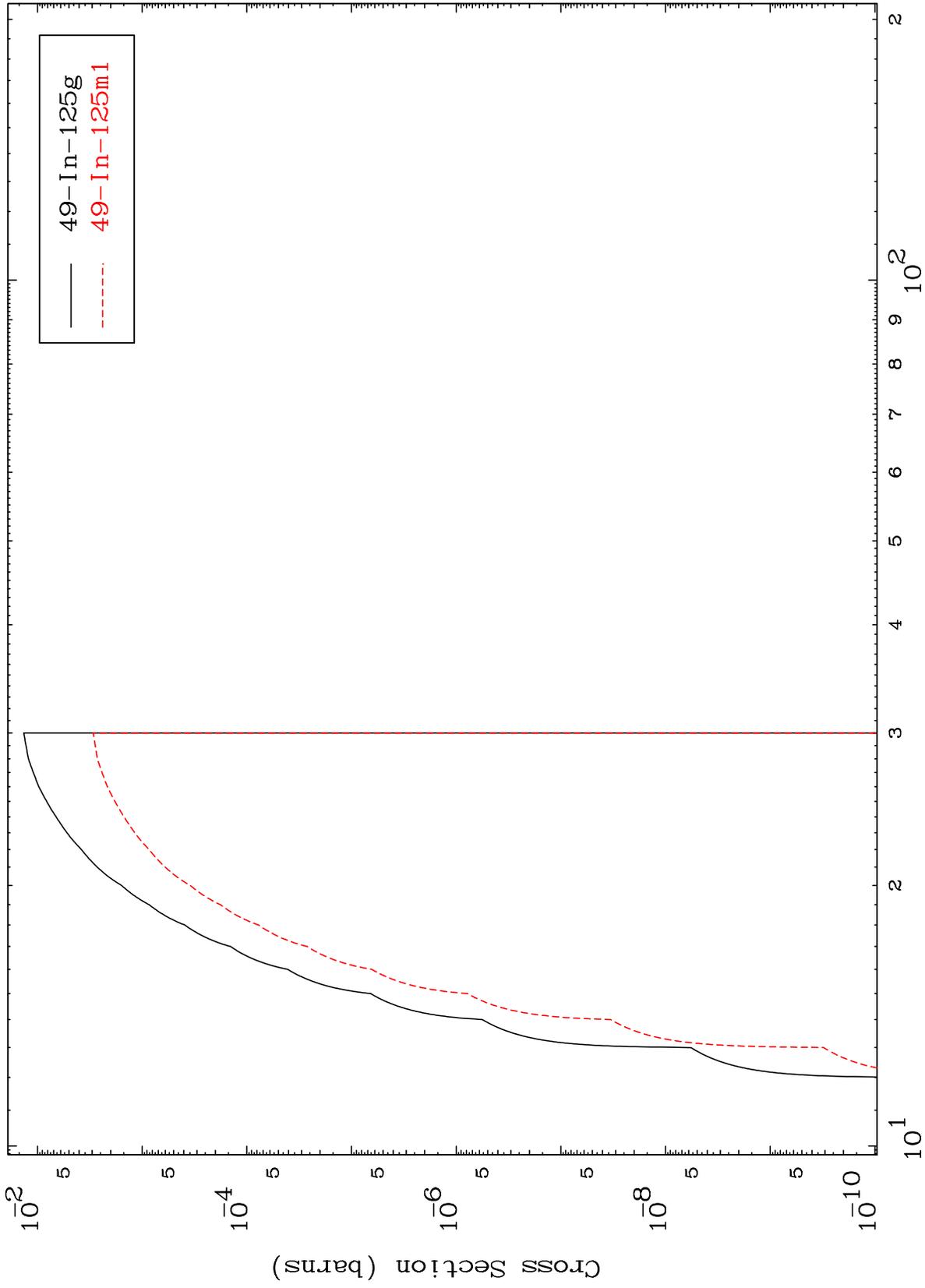
48-Cd-123

MAT 4876

( $\alpha, n'$ ) p

48-Cd-123

Radionuclide Production Cross Section



Incident Energy (MeV)

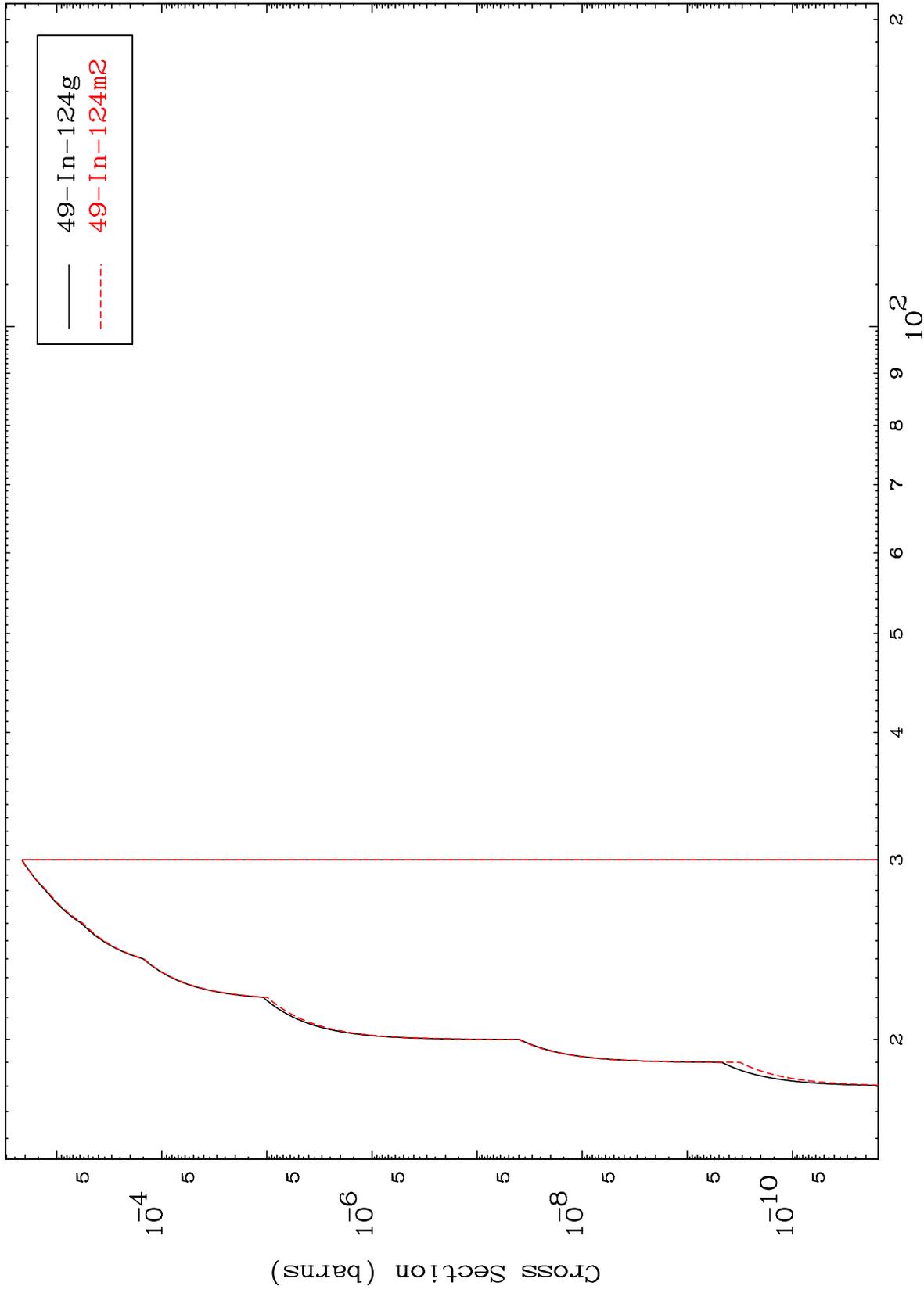
48-Cd-123

MAT 4876

( $\alpha, n'$ ) d

48-Cd-123

Radionuclide Production Cross Section



16

Incident Energy (MeV)

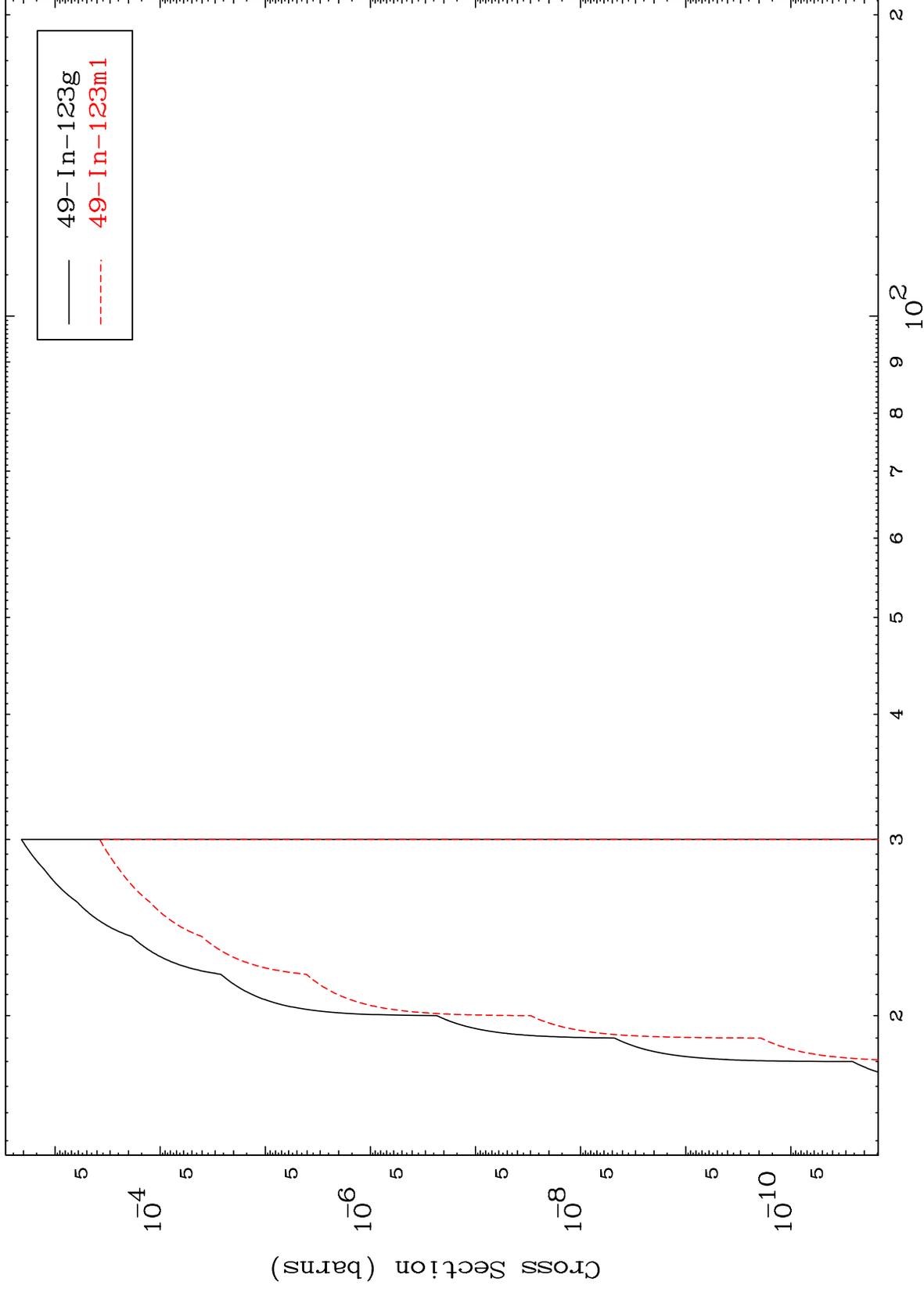
48-Cd-123

MAT 4876

( $\alpha, n'$ ) t

48-Cd-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

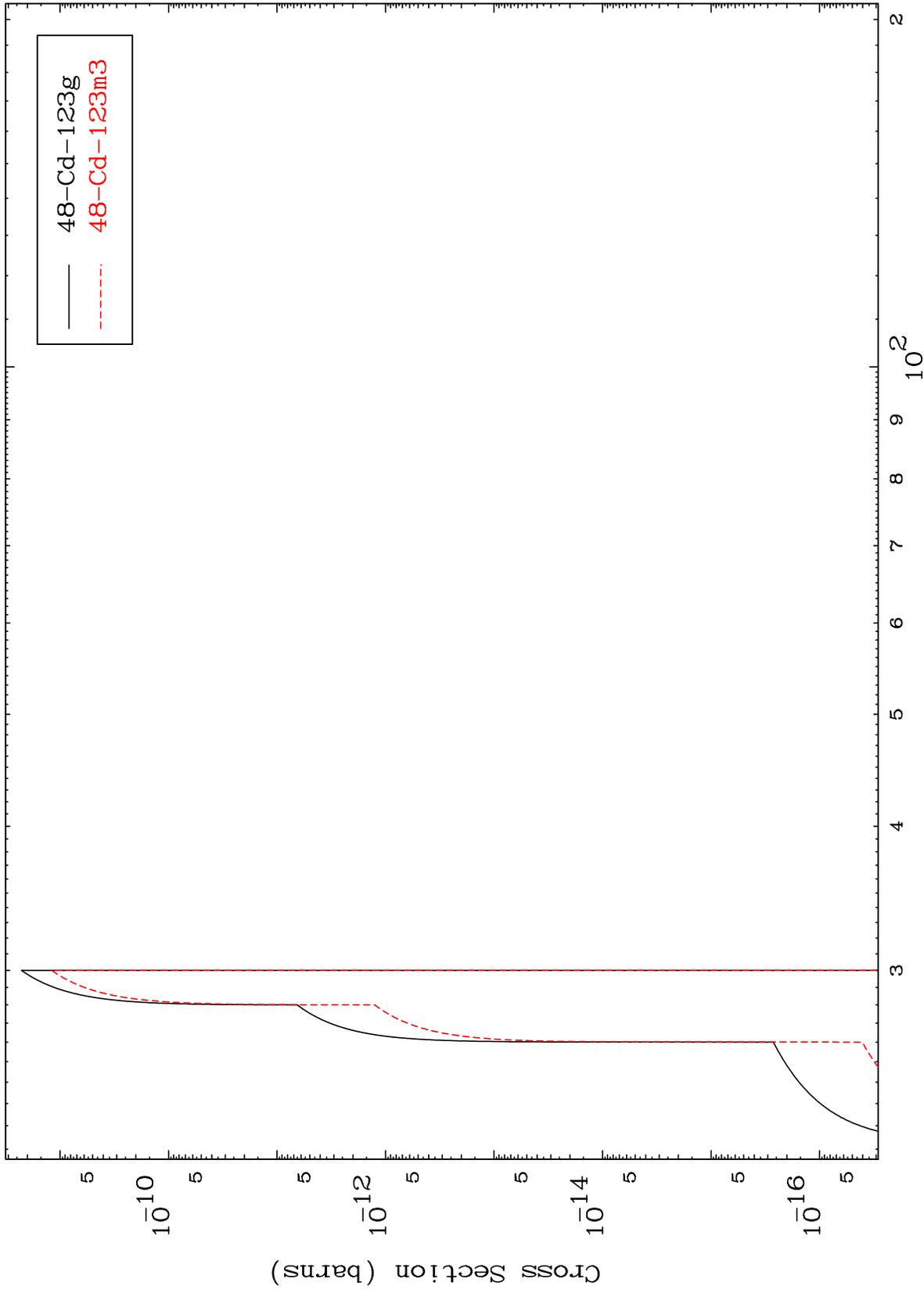
48-Cd-123

MAT 4876

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

48-Cd-123

Radionuclide Production Cross Section



18

Incident Energy (MeV)

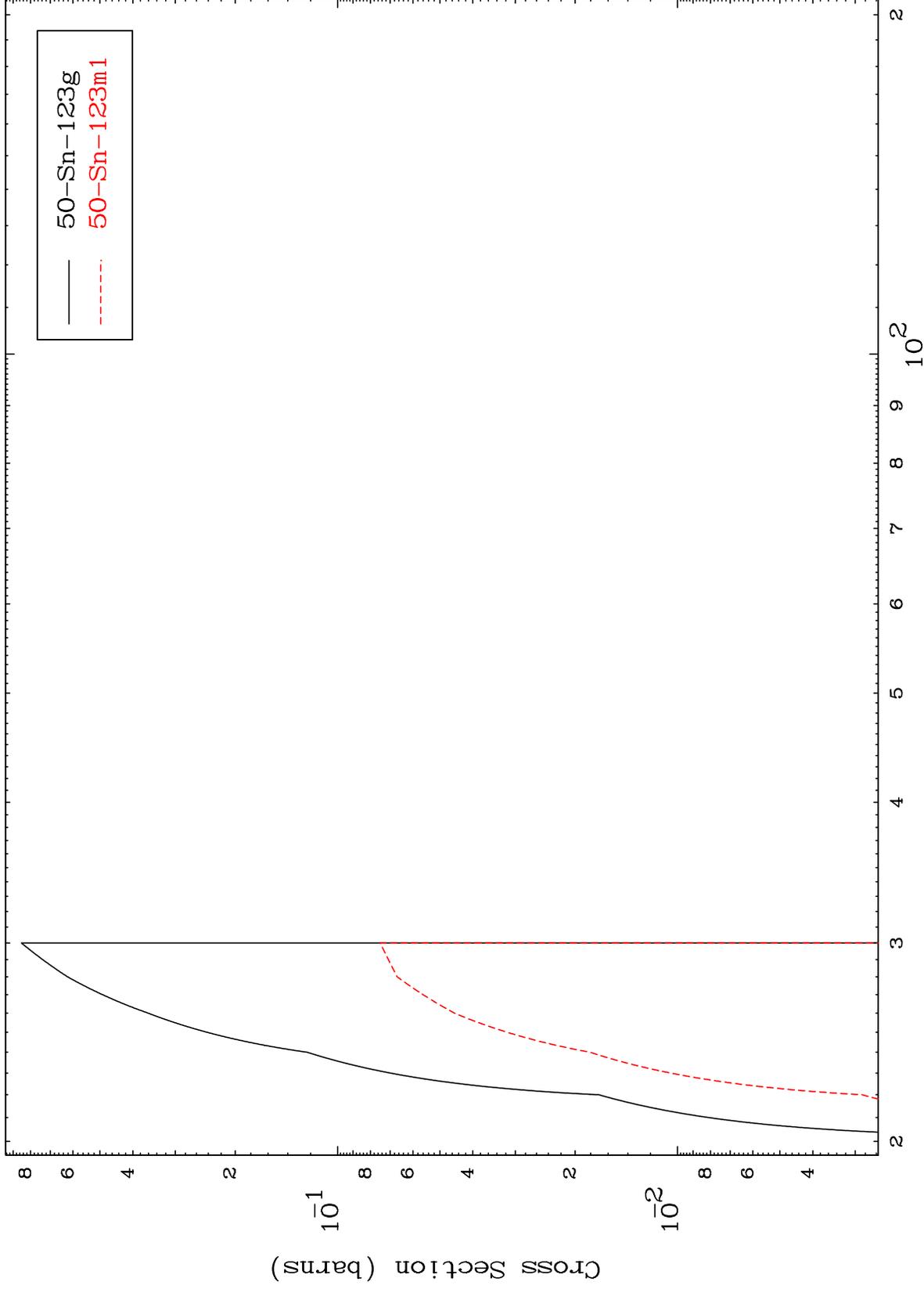
48-Cd-123

MAT 4876

( $\alpha, 4n$ )

48-Cd-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

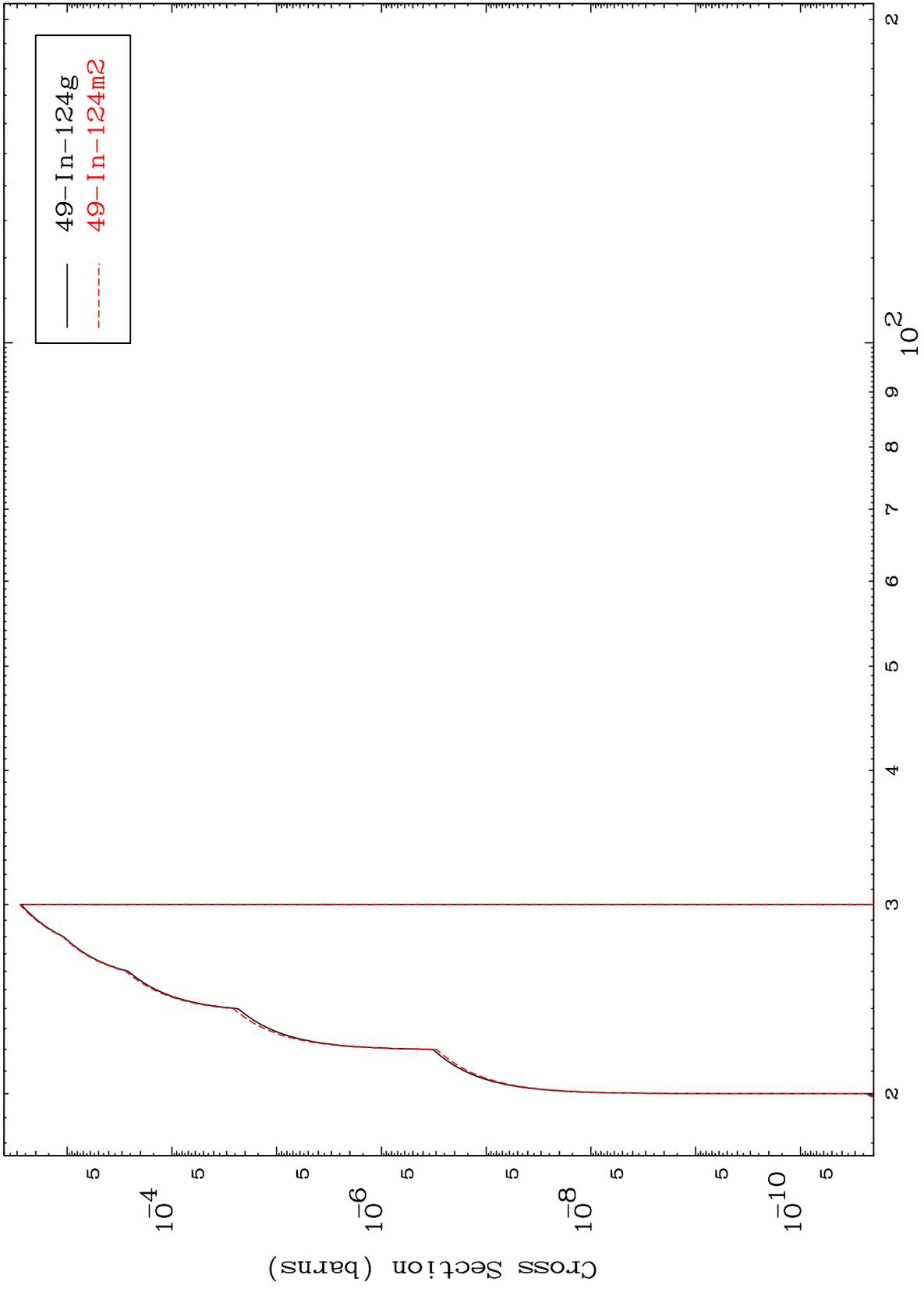
48-Cd-123

MAT 4876

( $\alpha, 2n$ ) p

48-Cd-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

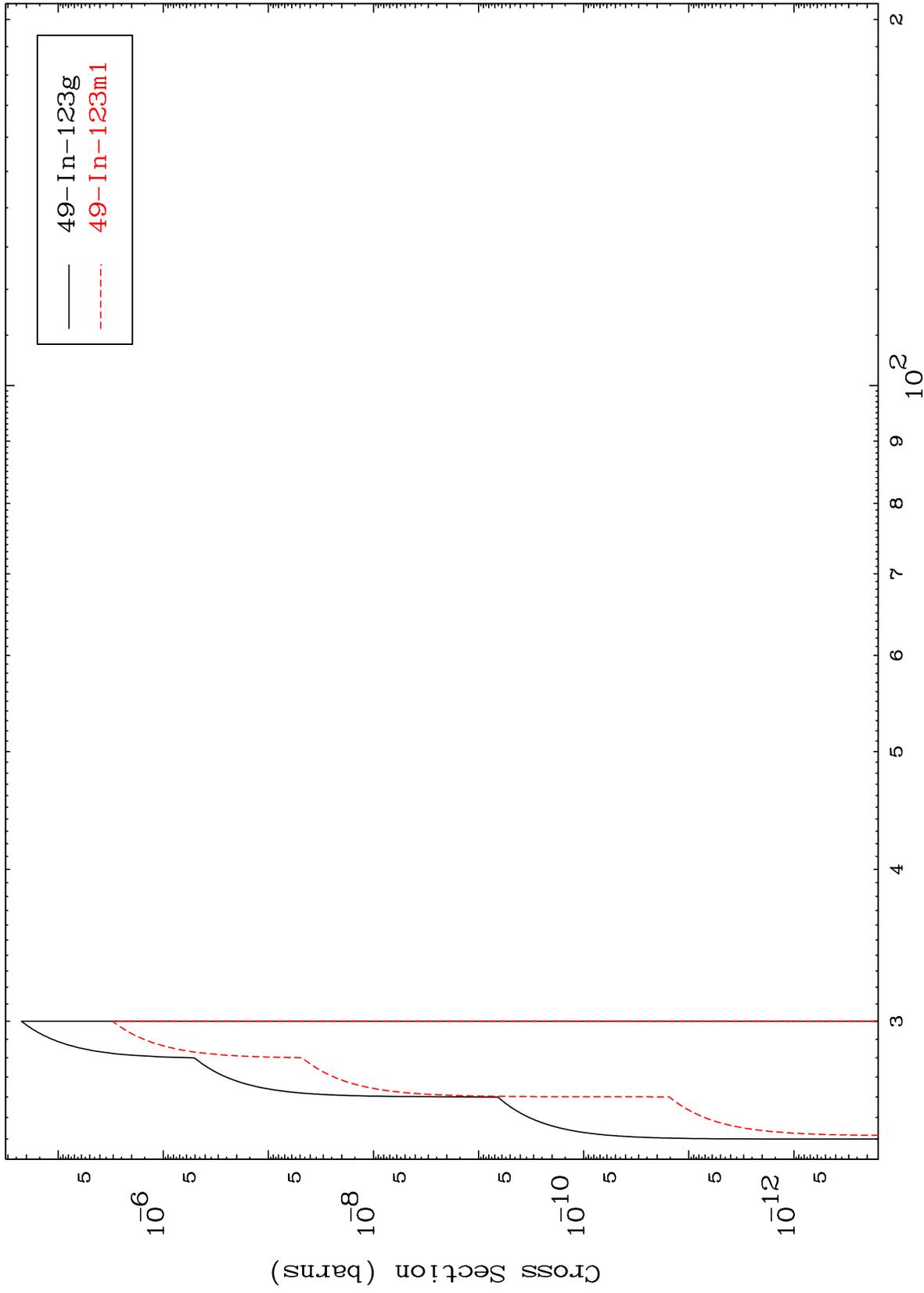
48-Cd-123

MAT 4876

( $\alpha, 3n$ ) p

48-Cd-123

Radionuclide Production Cross Section



21

Incident Energy (MeV)

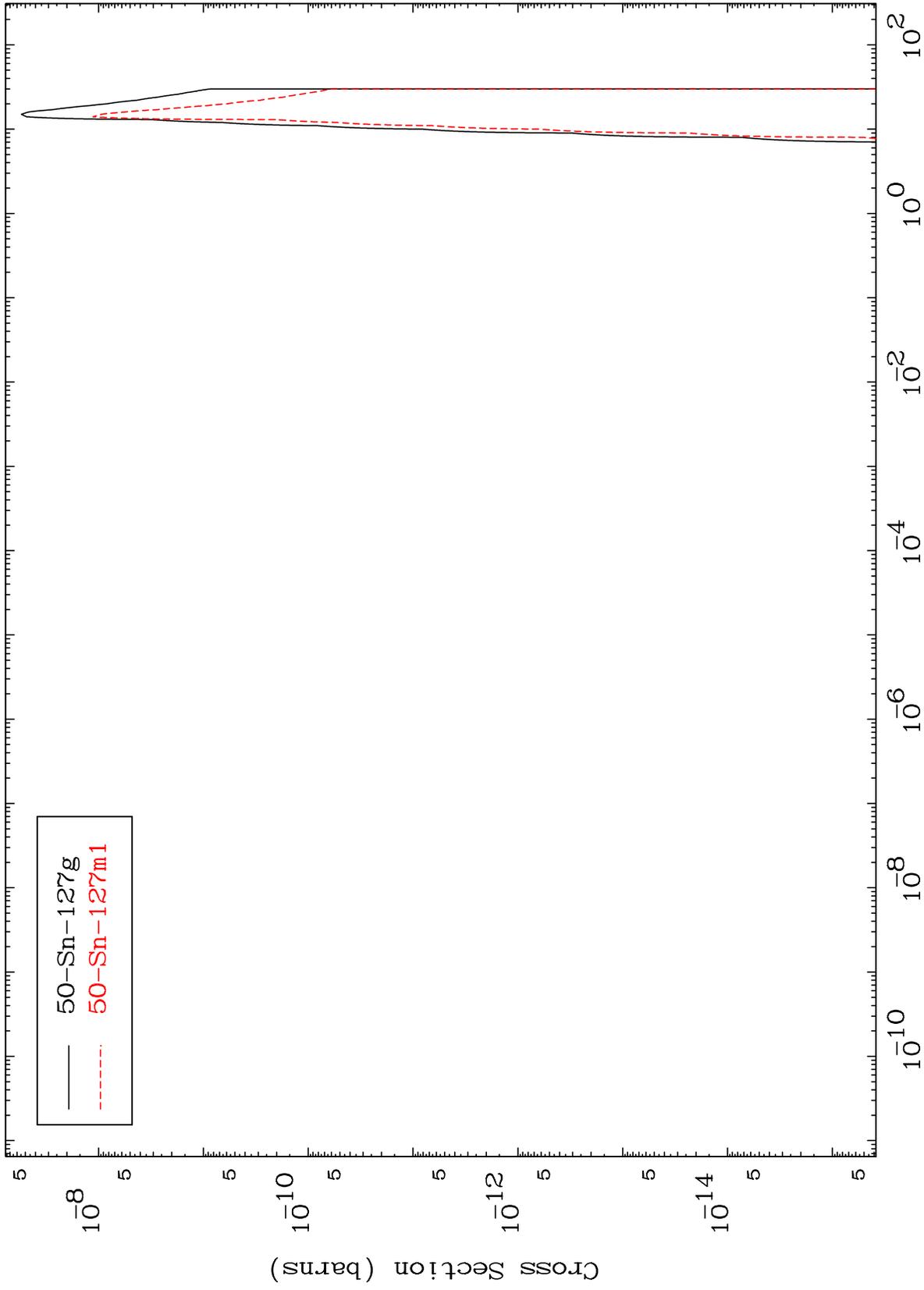
48-Cd-123

MAT 4876

( $\alpha, \gamma$ )

48-Cd-123

Radionuclide Production Cross Section



22

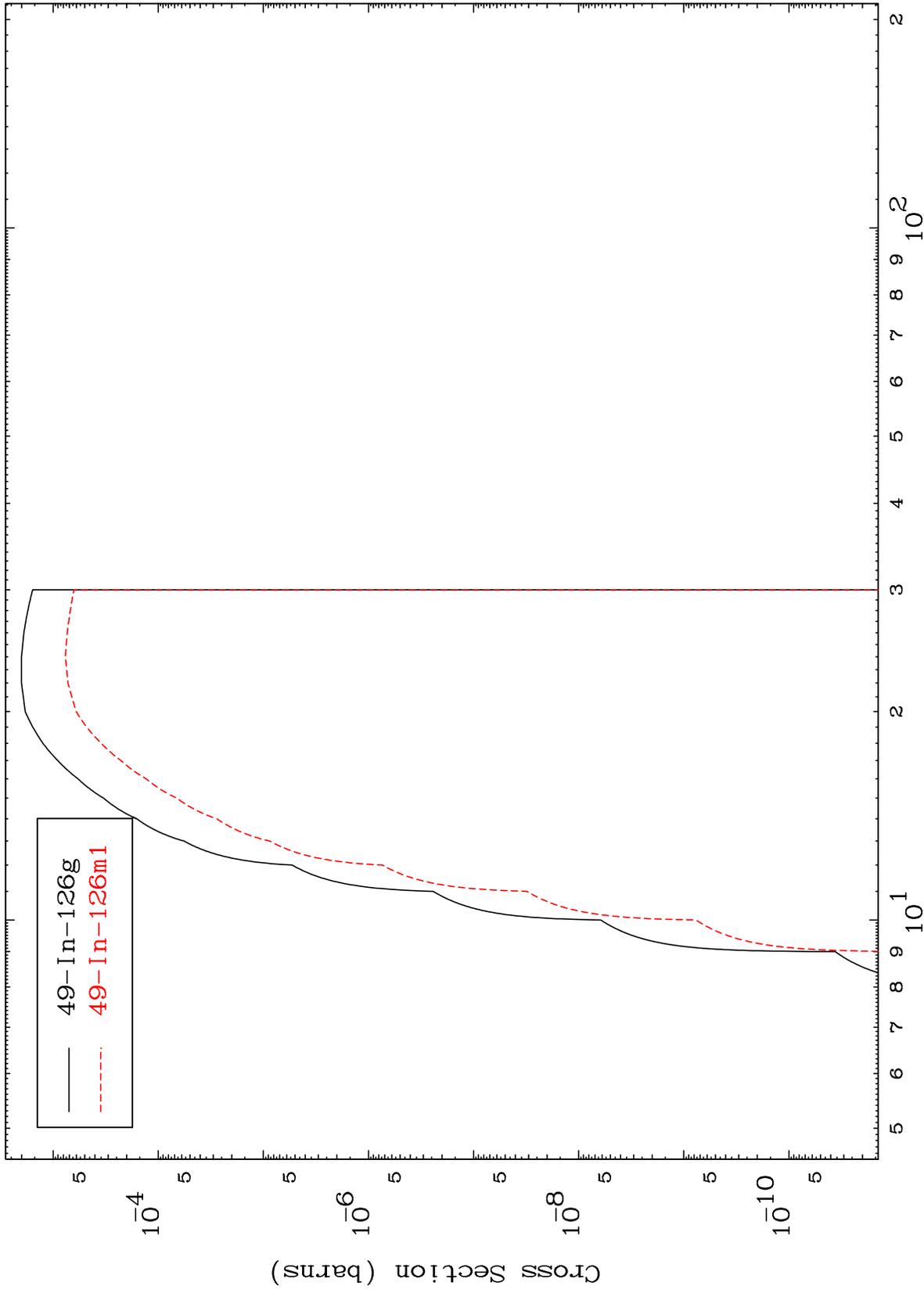
Incident Energy (MeV)

48-Cd-123

MAT 4876

48-Cd-123

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



23

Incident Energy (MeV)

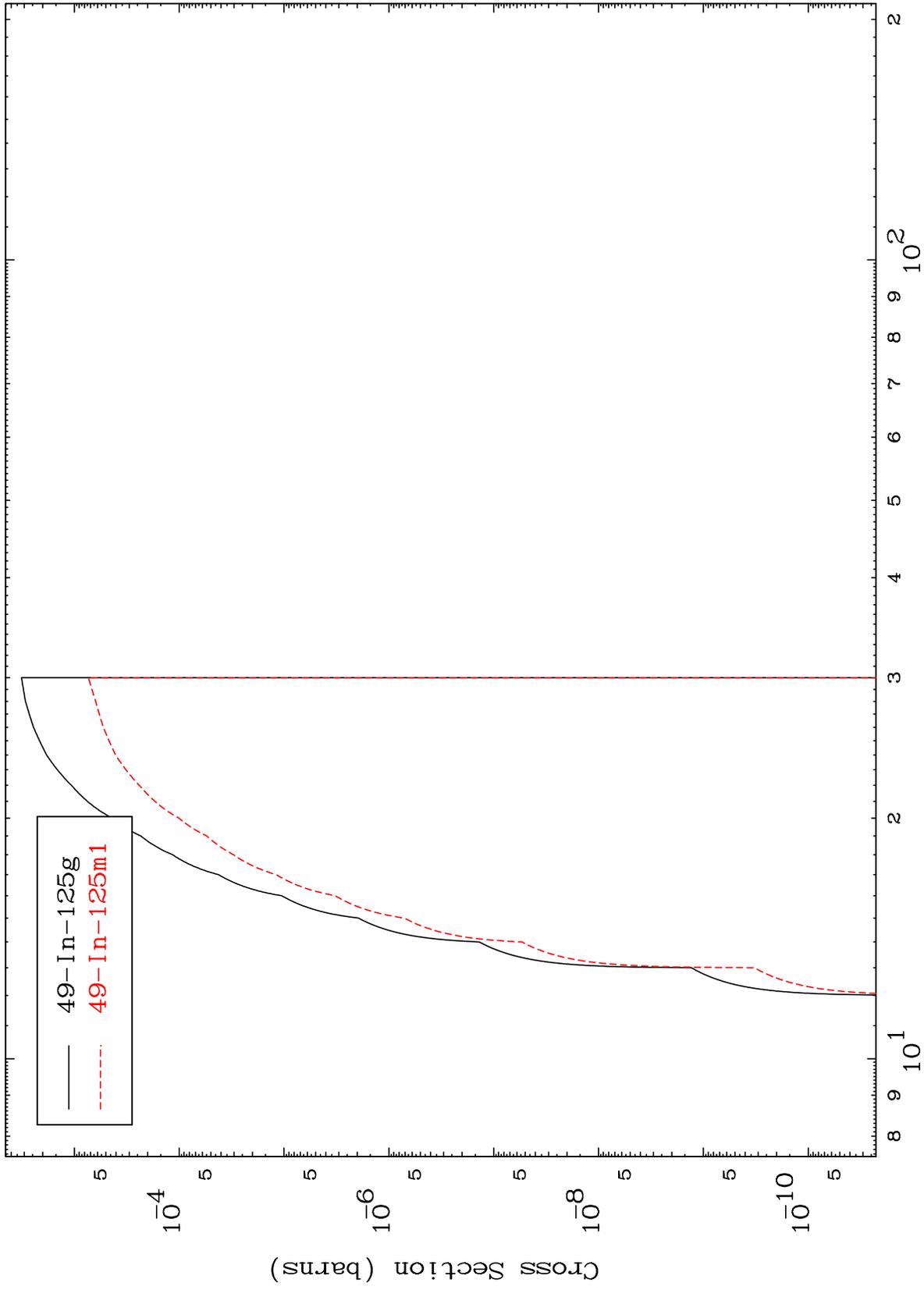
48-Cd-123

MAT 4876

( $\alpha, d$ )

48-Cd-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

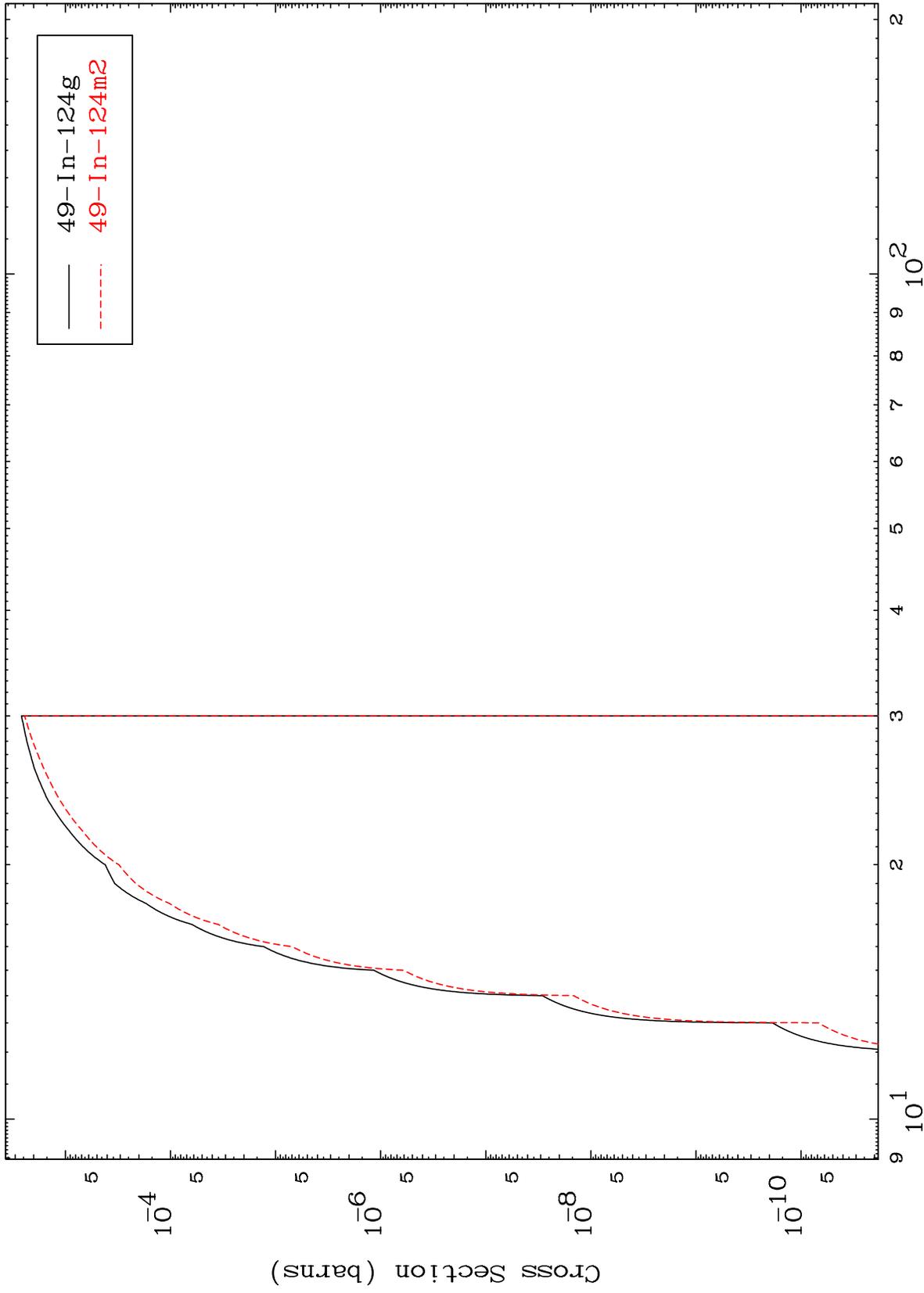
48-Cd-123

MAT 4876

( $\alpha, t$ )

48-Cd-123

Radionuclide Production Cross Section



25

Incident Energy (MeV)

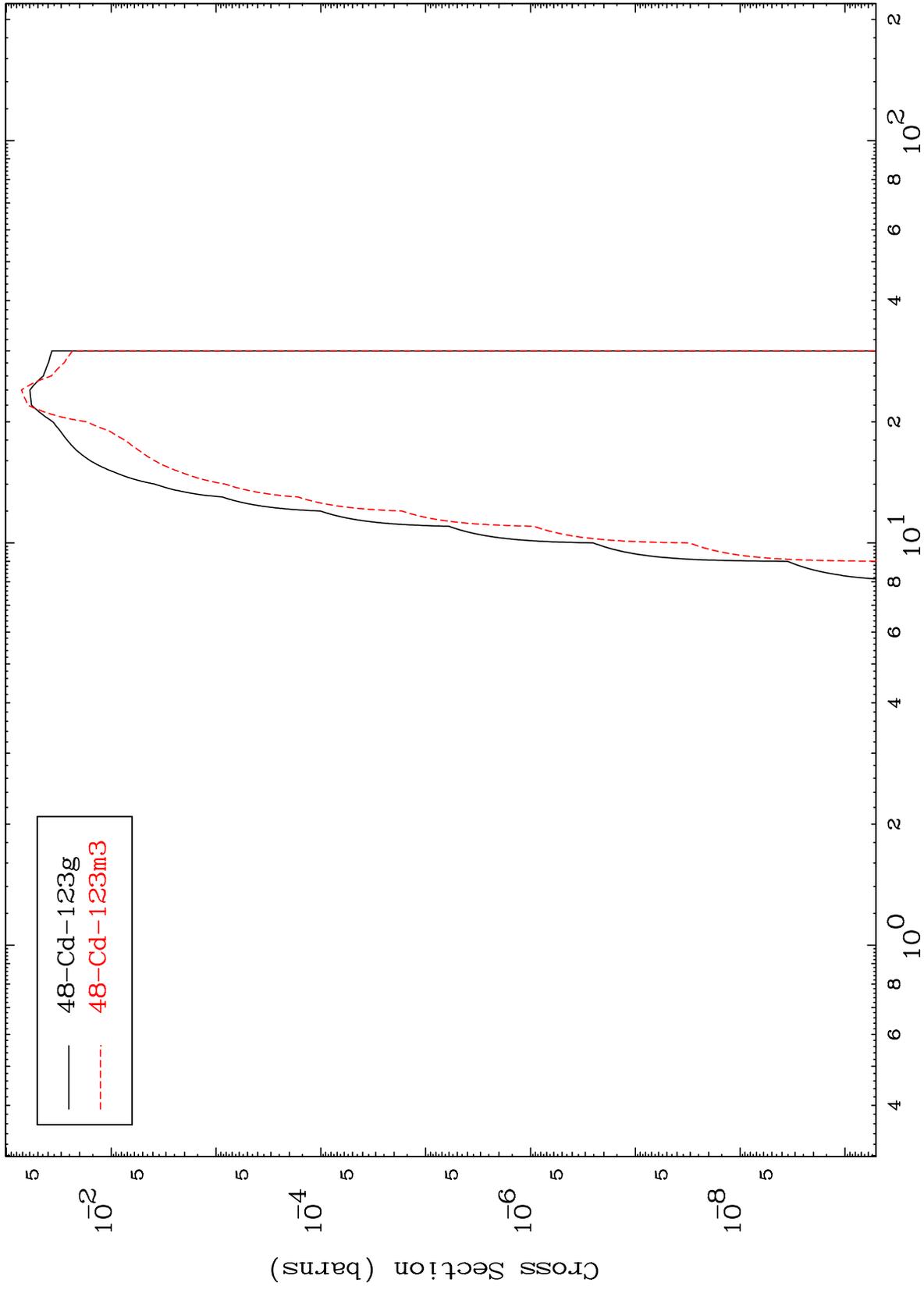
48-Cd-123

MAT 4876

( $\alpha, \alpha$ )

48-Cd-123

Radionuclide Production Cross Section



26

Incident Energy (MeV)

48-Cd-123