

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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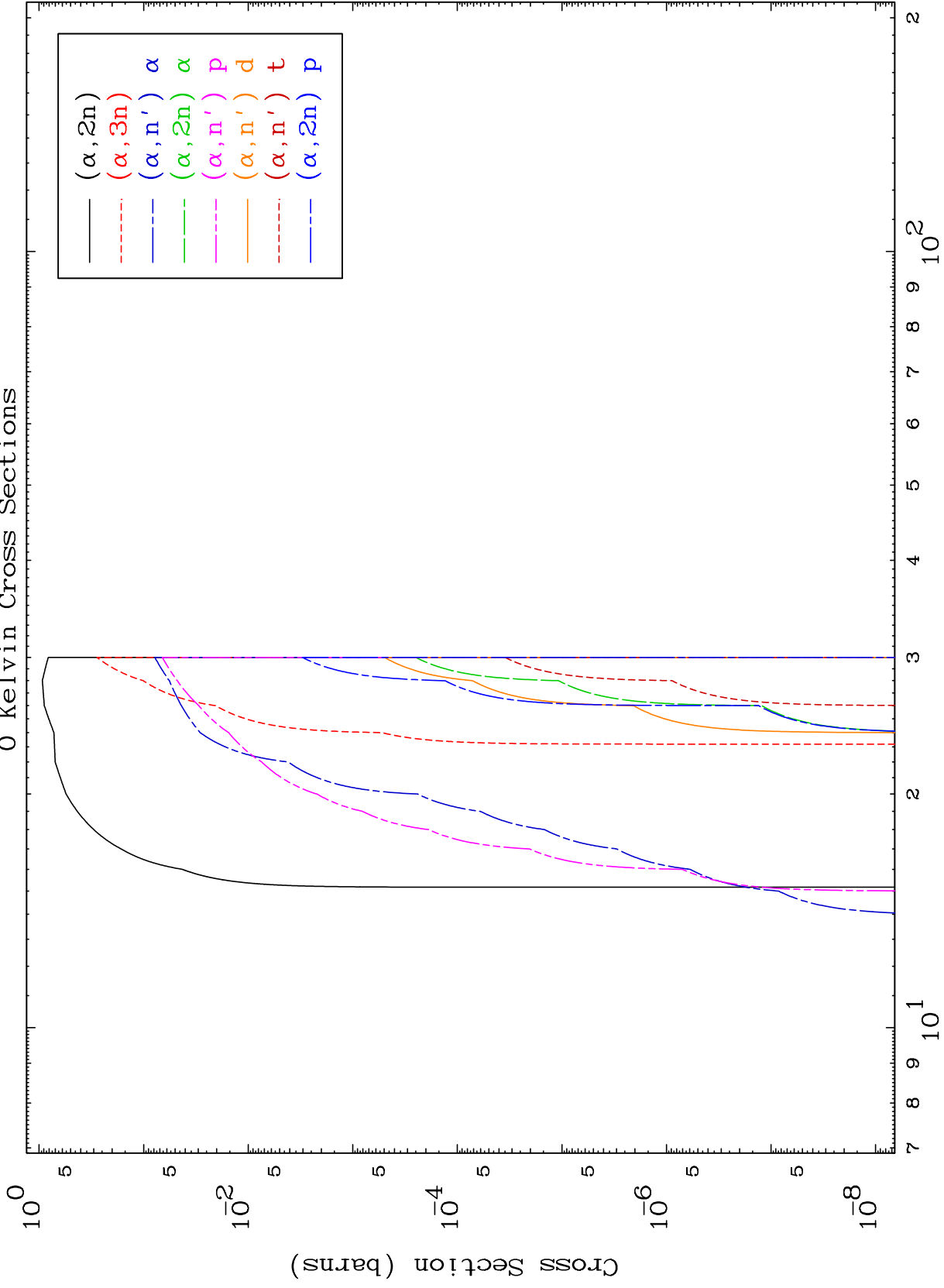
Press Mouse Button to Start



MAT 4840

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

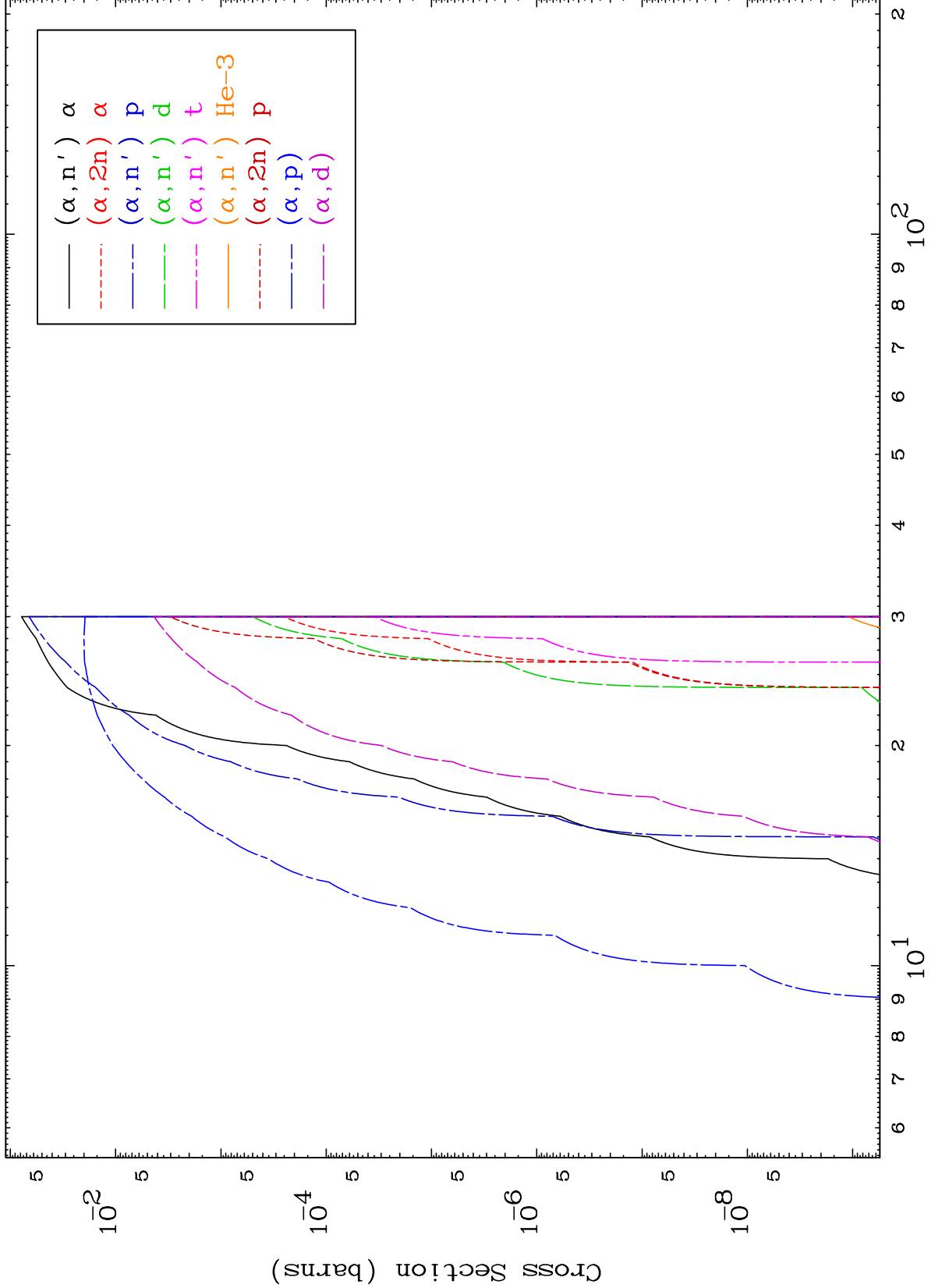
48-Cd-111



Incident Energy (MeV)

48-Cd-111

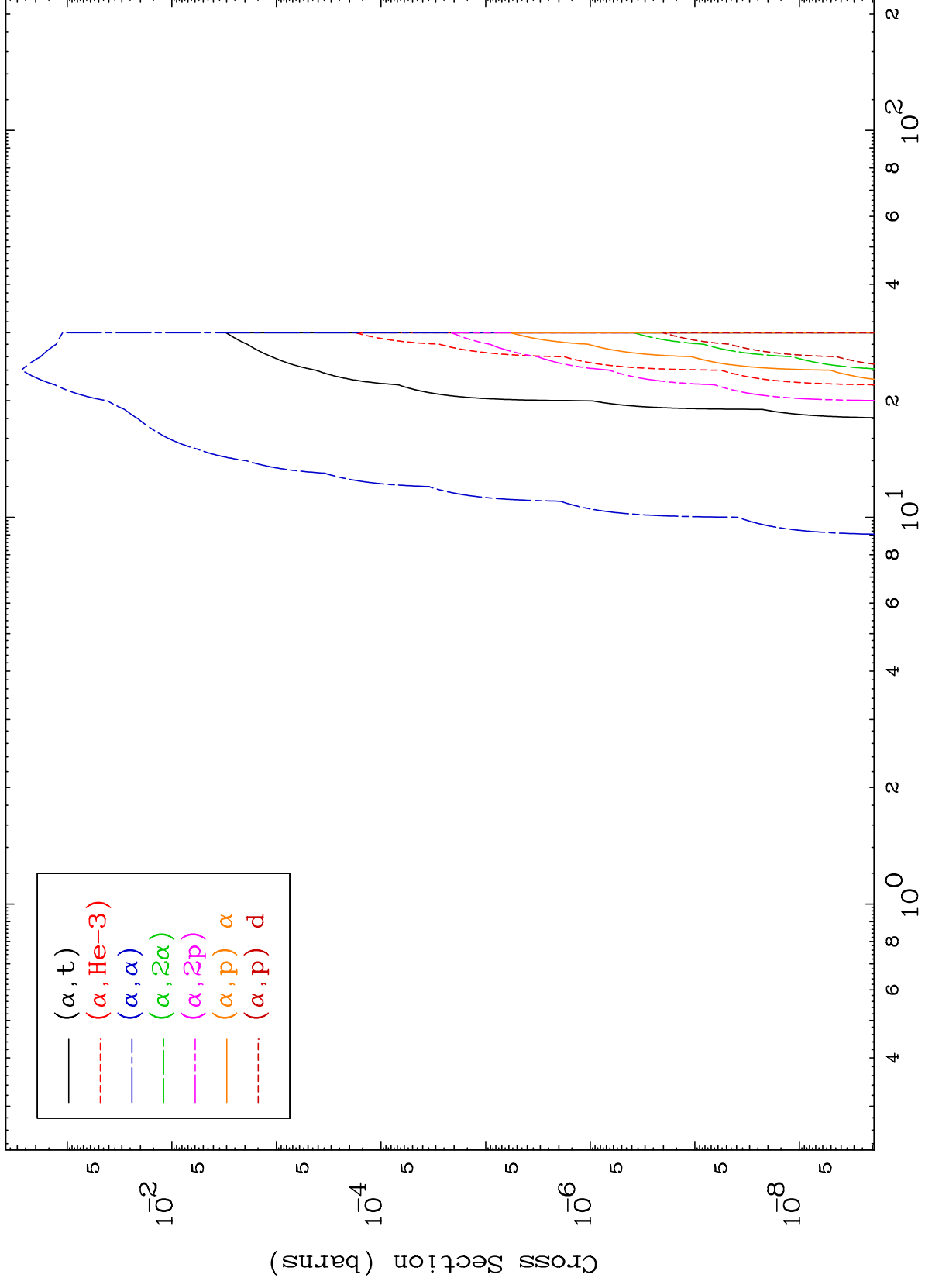
2



MAT 4840

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-111

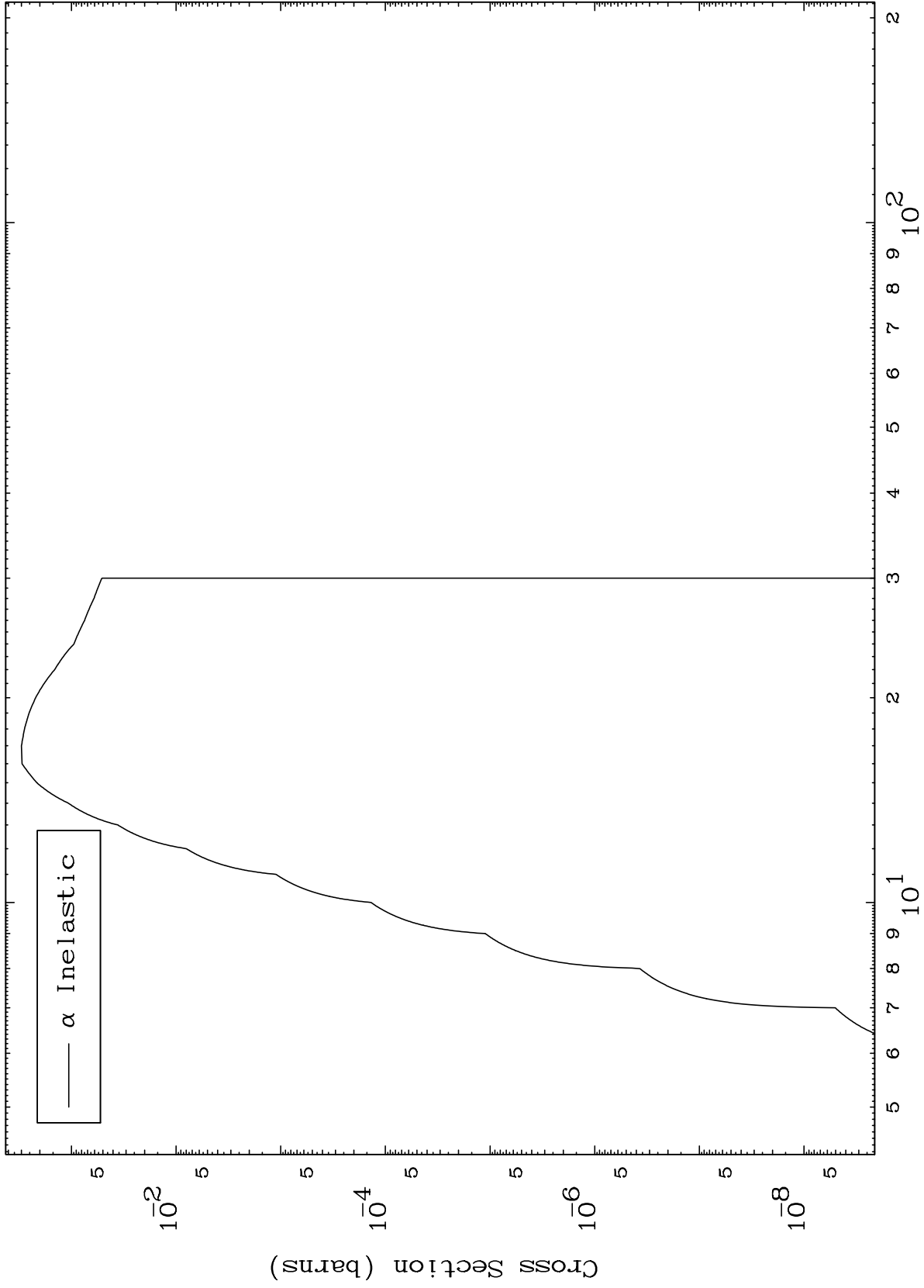


MAT 4840

( $\alpha, n'$ ) Level

48-Cd-111

0 Kelvin Cross Sections



5

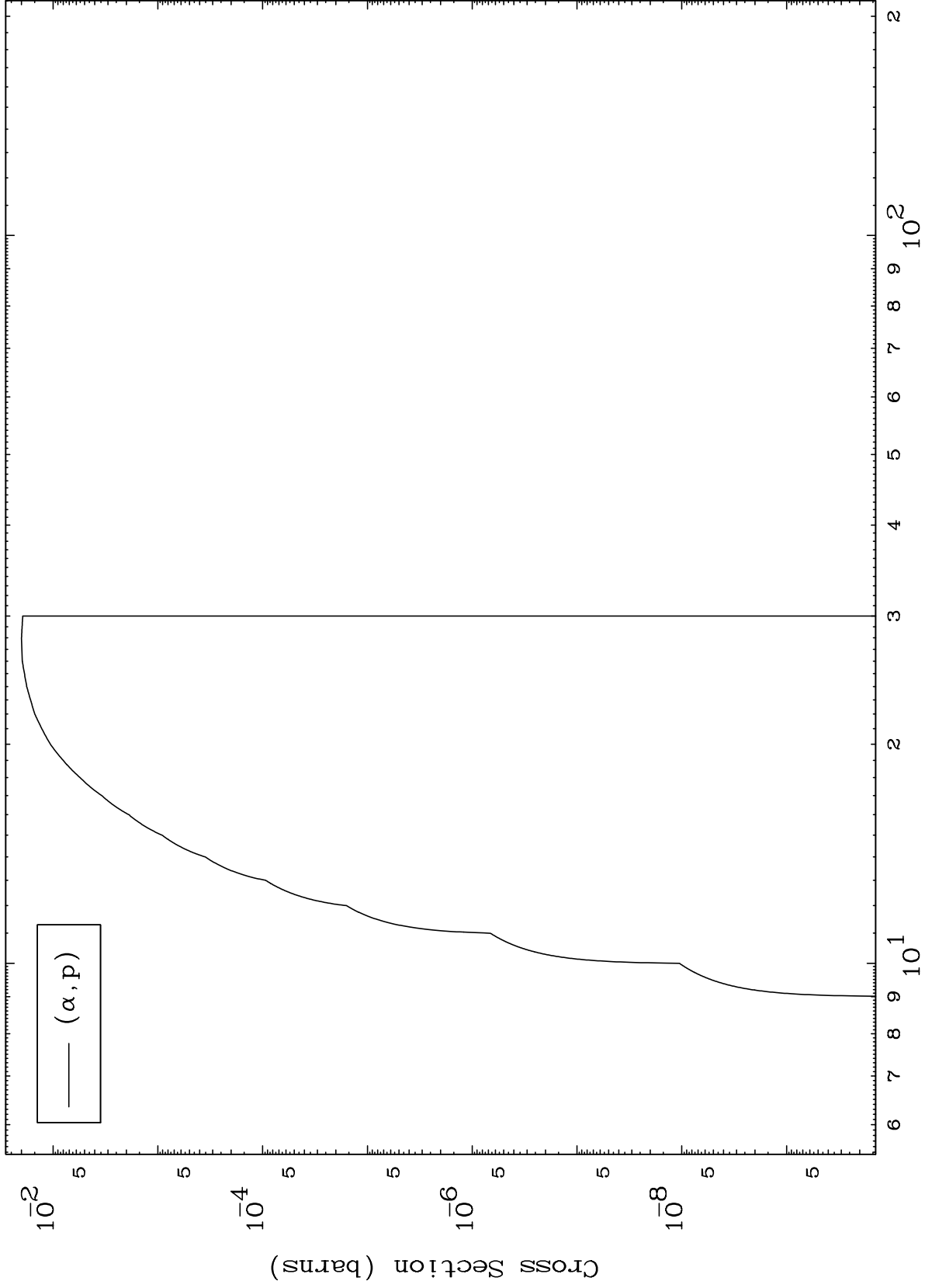
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

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



6

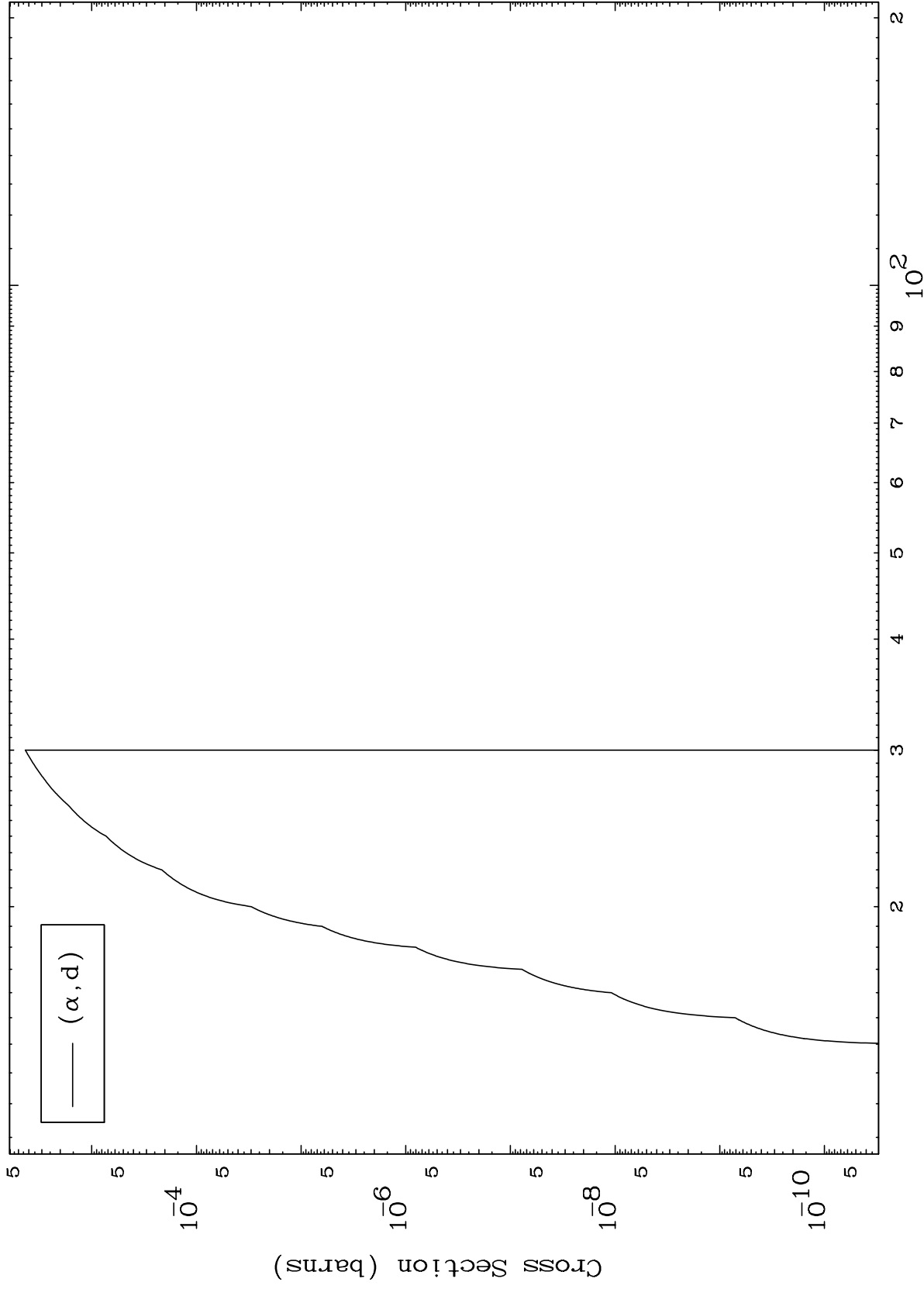
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

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



48-Cd-111

Incident Energy (MeV)

7

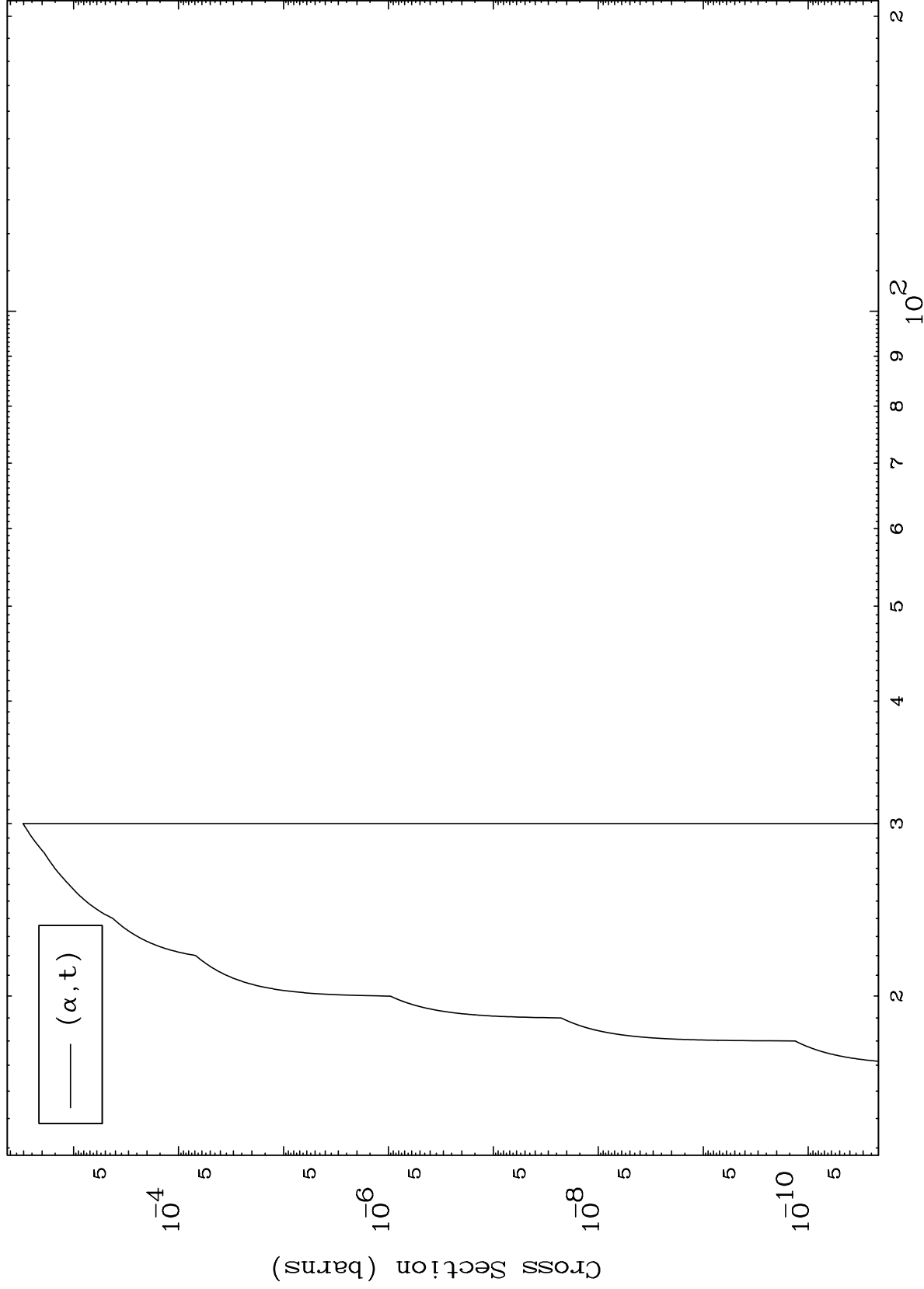


MAT 4840

( $\alpha, t$ ) Levels

48-Cd-111

0 Kelvin Cross Sections

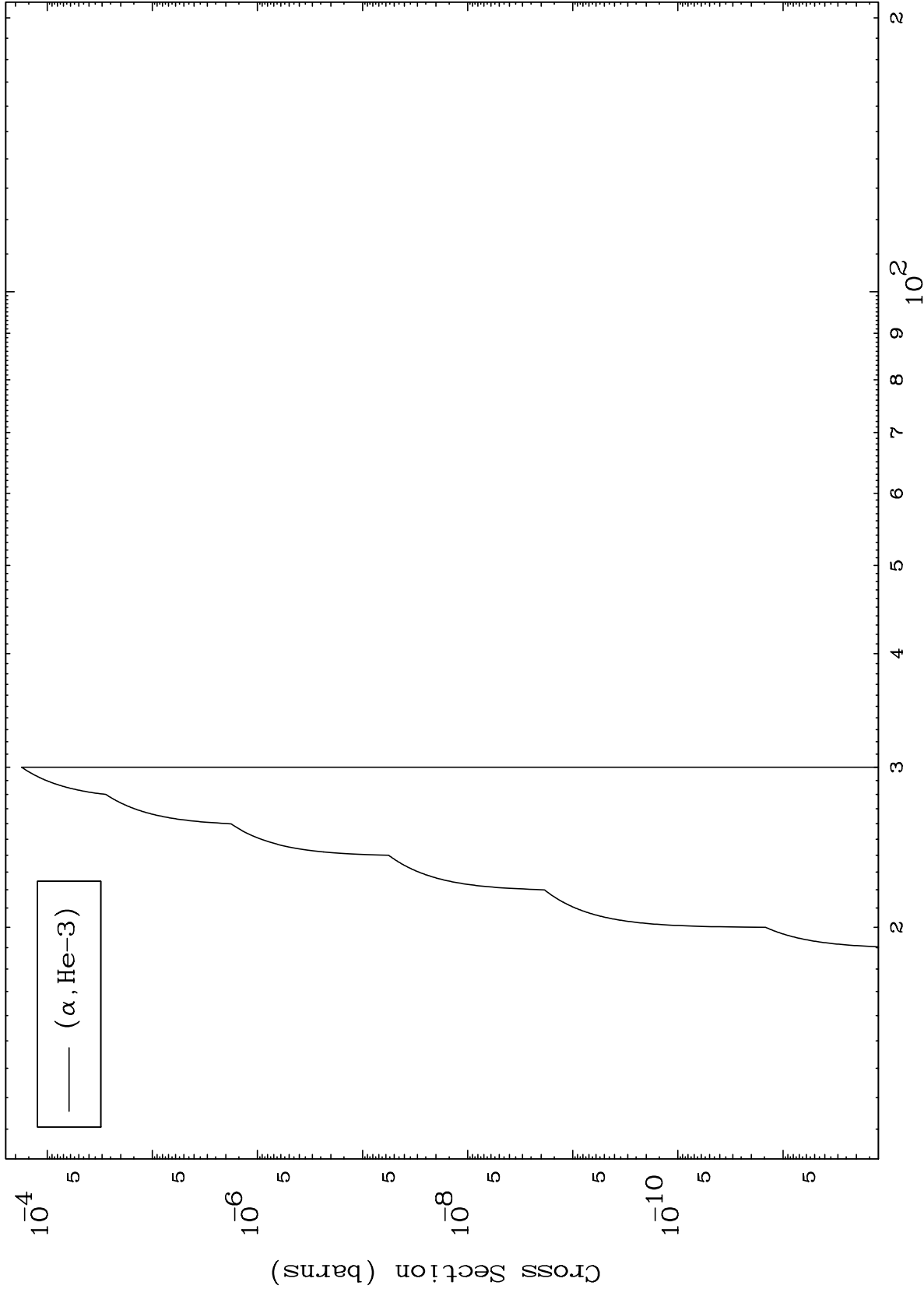


8

Incident Energy (MeV)

48-Cd-111

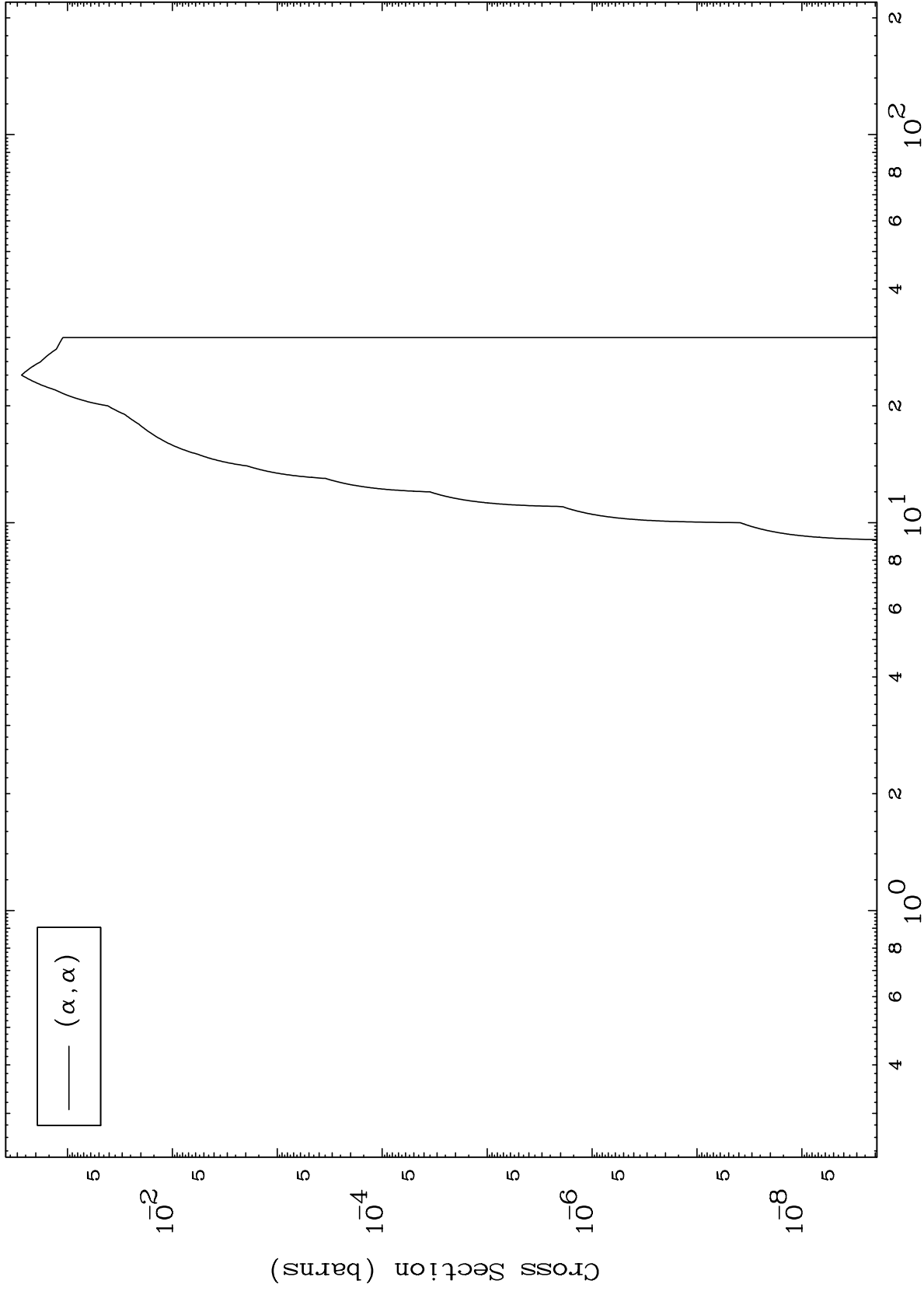
( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



MAT 4840

48-Cd-111

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



48-Cd-111

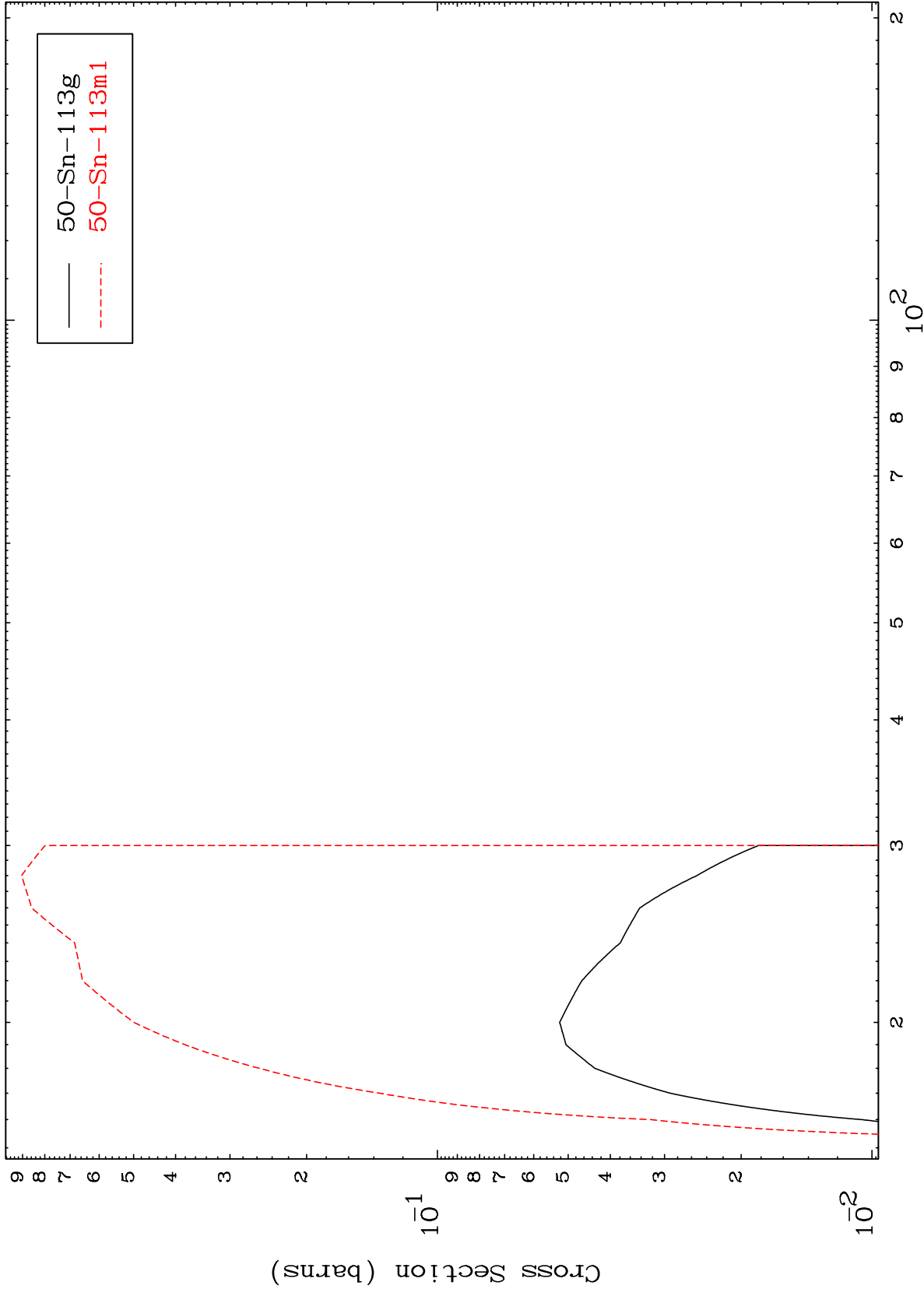
Incident Energy (MeV)

10

MAT 4840

48-Cd-111

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



11

Incident Energy (MeV)

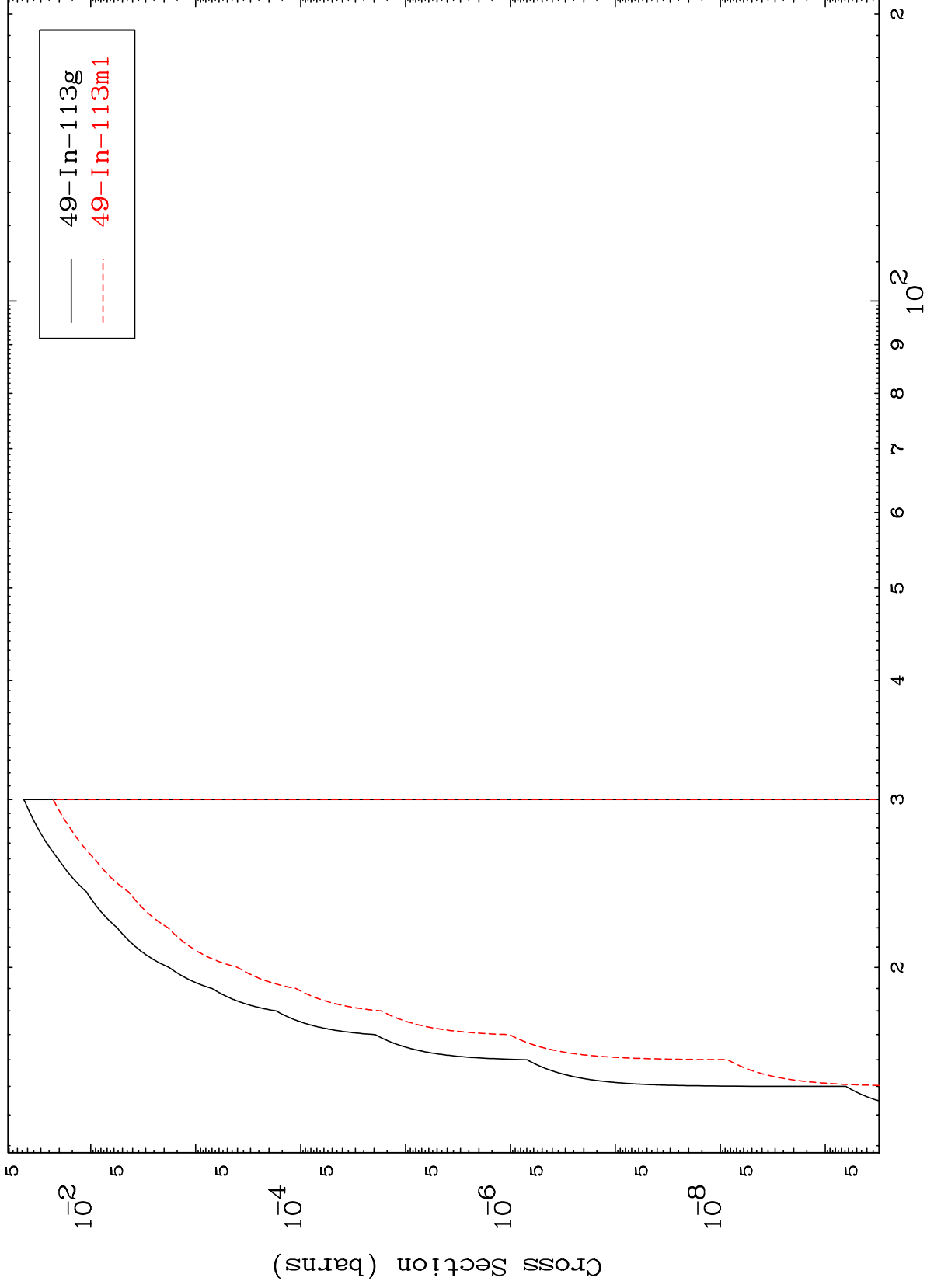
48-Cd-111

MAT 4840

$(\alpha, n')$  p

48-Cd-111

Radionuclide Production Cross Section



12

Incident Energy (MeV)

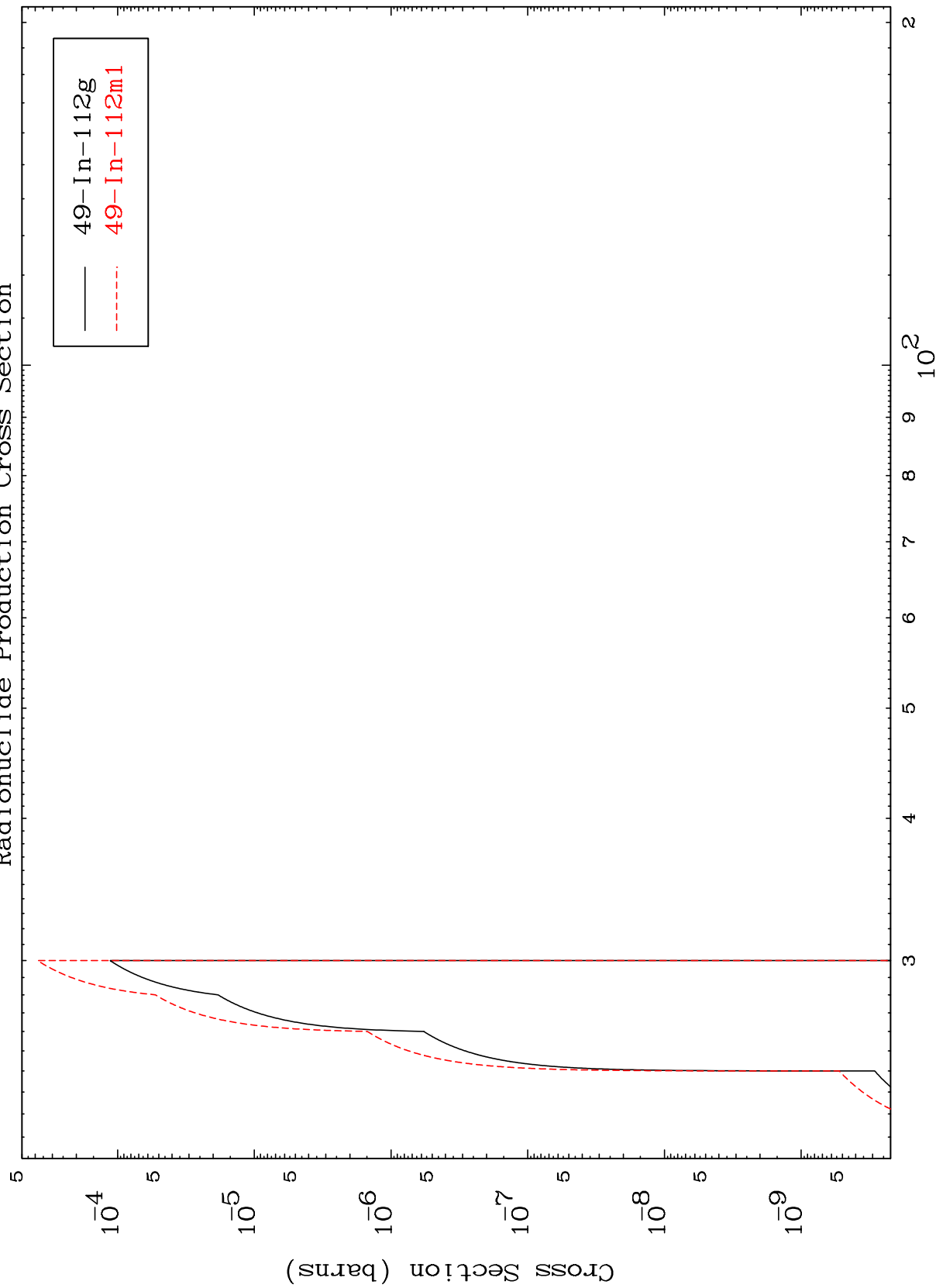
48-Cd-111

MAT 4840

( $\alpha, n'$ ) d

48-Cd-111

Radionuclide Production Cross Section



13

Incident Energy (MeV)

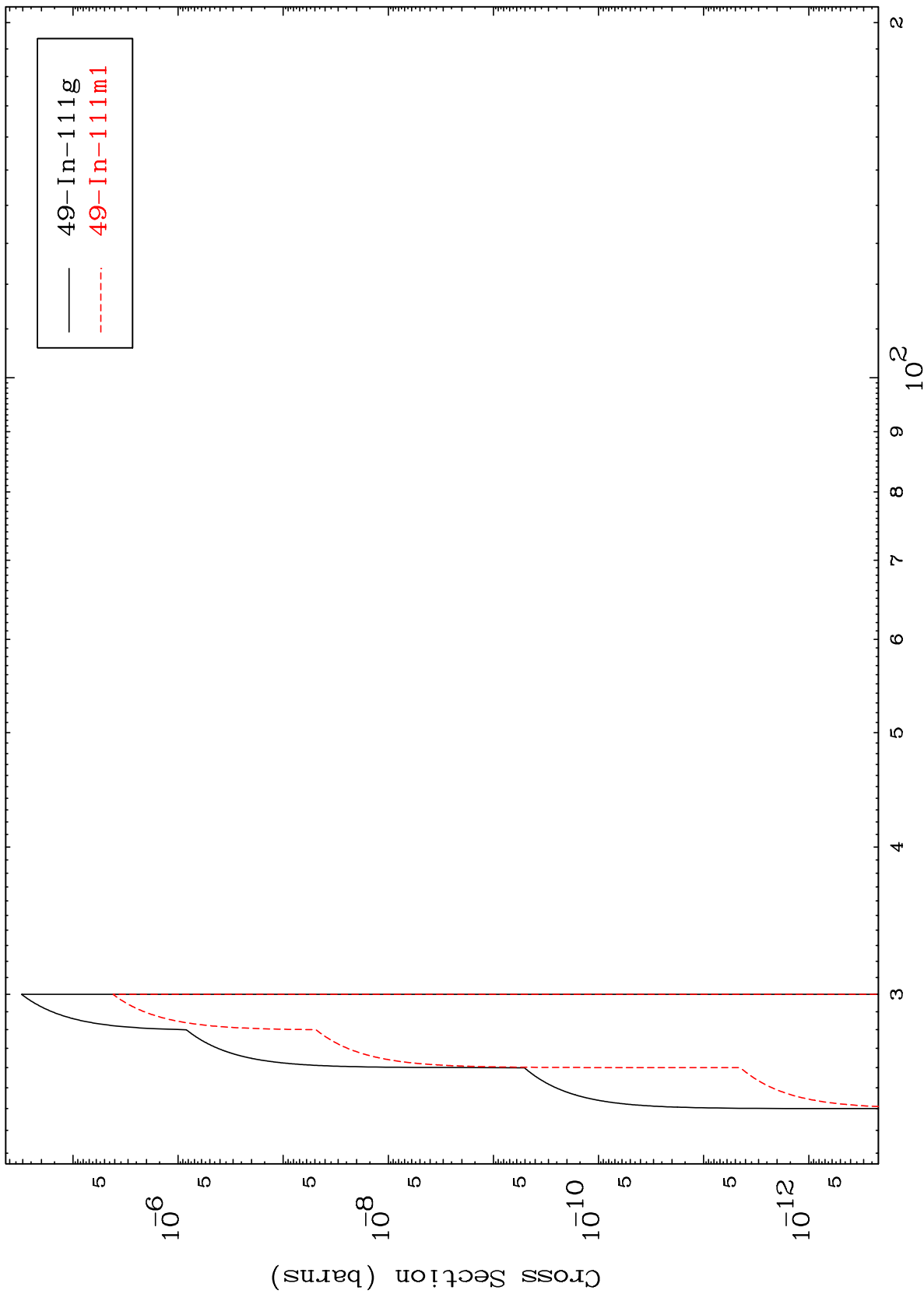
48-Cd-111

MAT 4840

$(\alpha, n')$  t

48-Cd-111

Radionuclide Production Cross Section



14

Incident Energy (MeV)

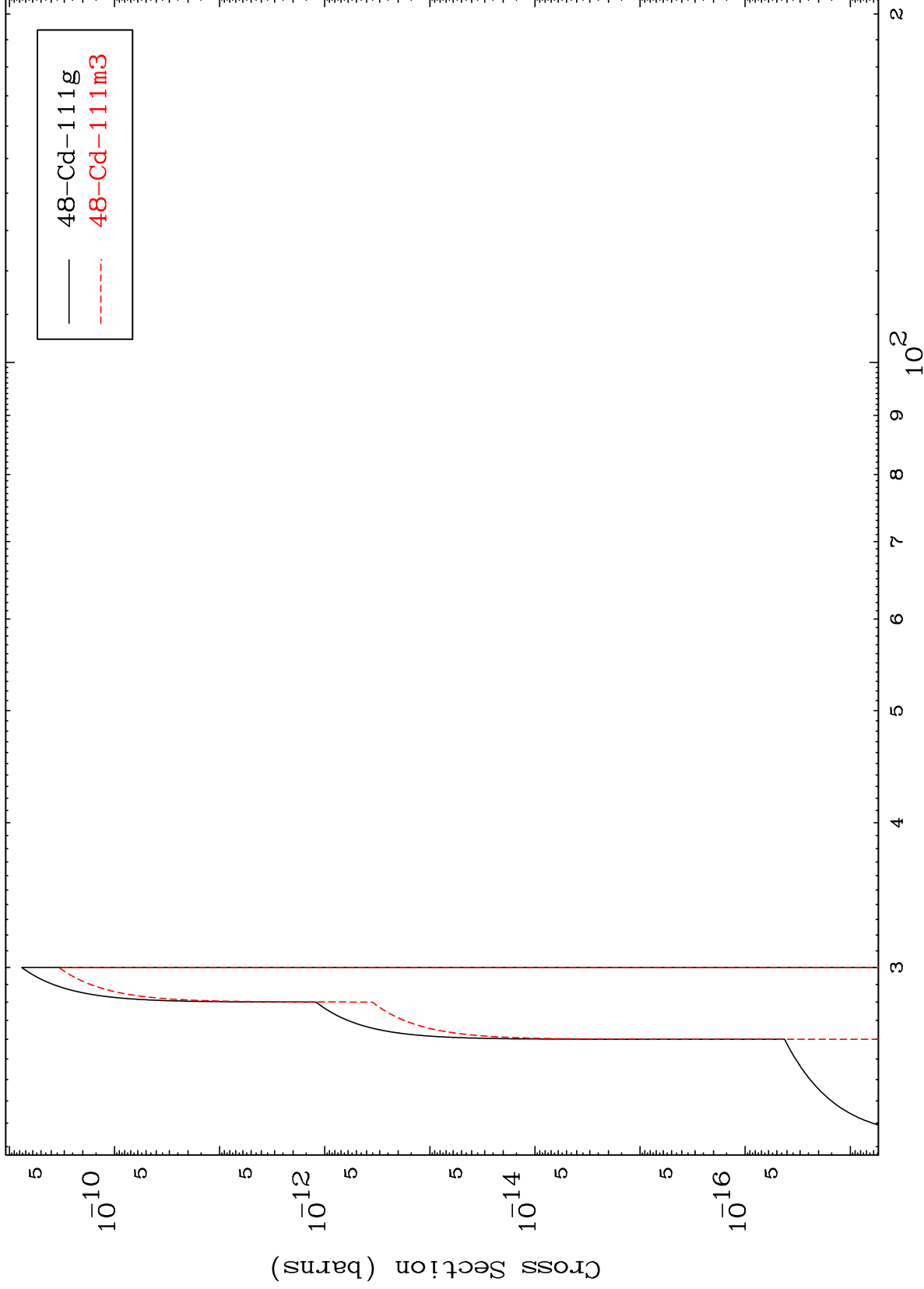
48-Cd-111

MAT 4840

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

48-Cd-111

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-111

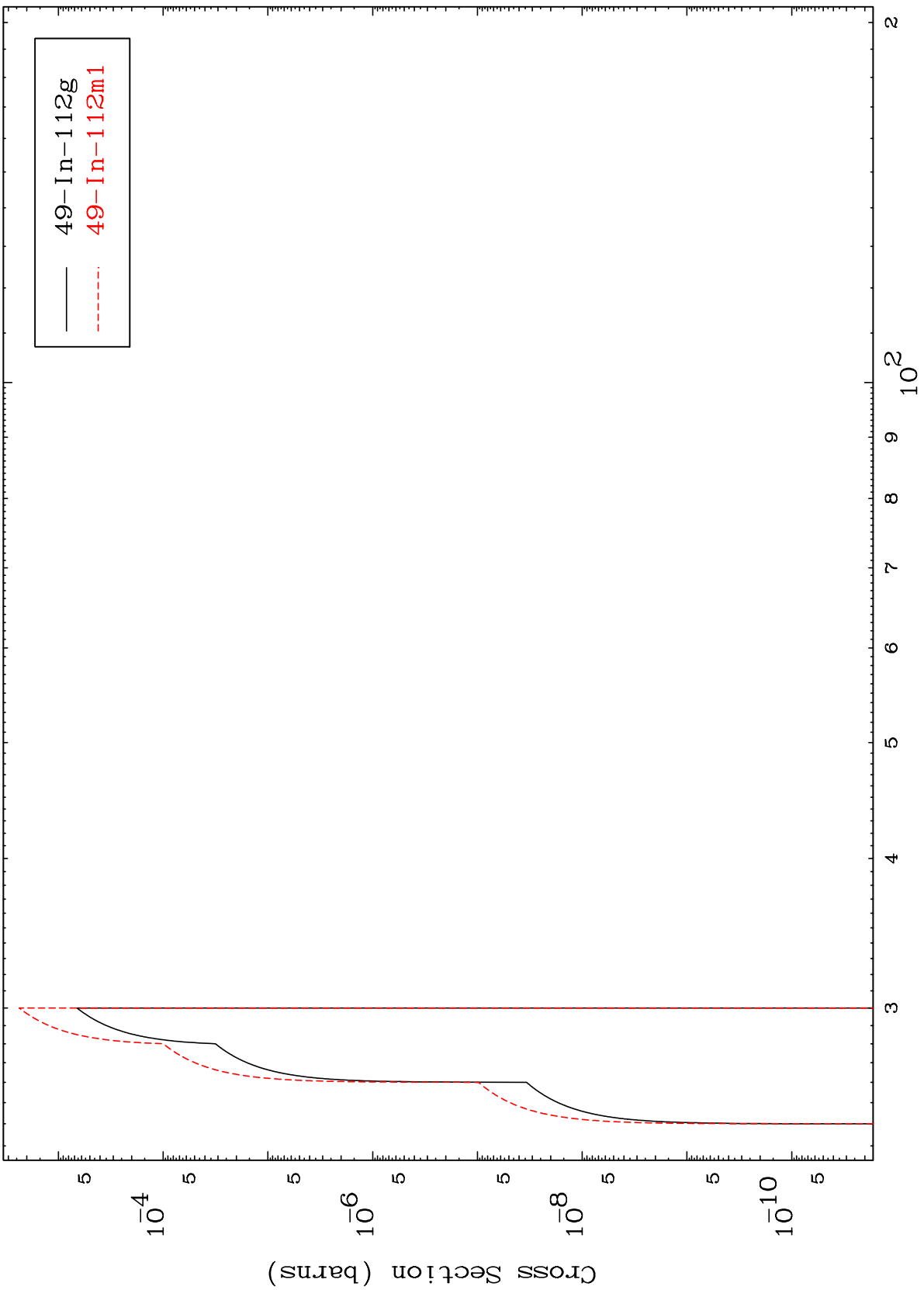


MAT 4840

( $\alpha, 2n$ ) p

48-Cd-111

Radionuclide Production Cross Section



16

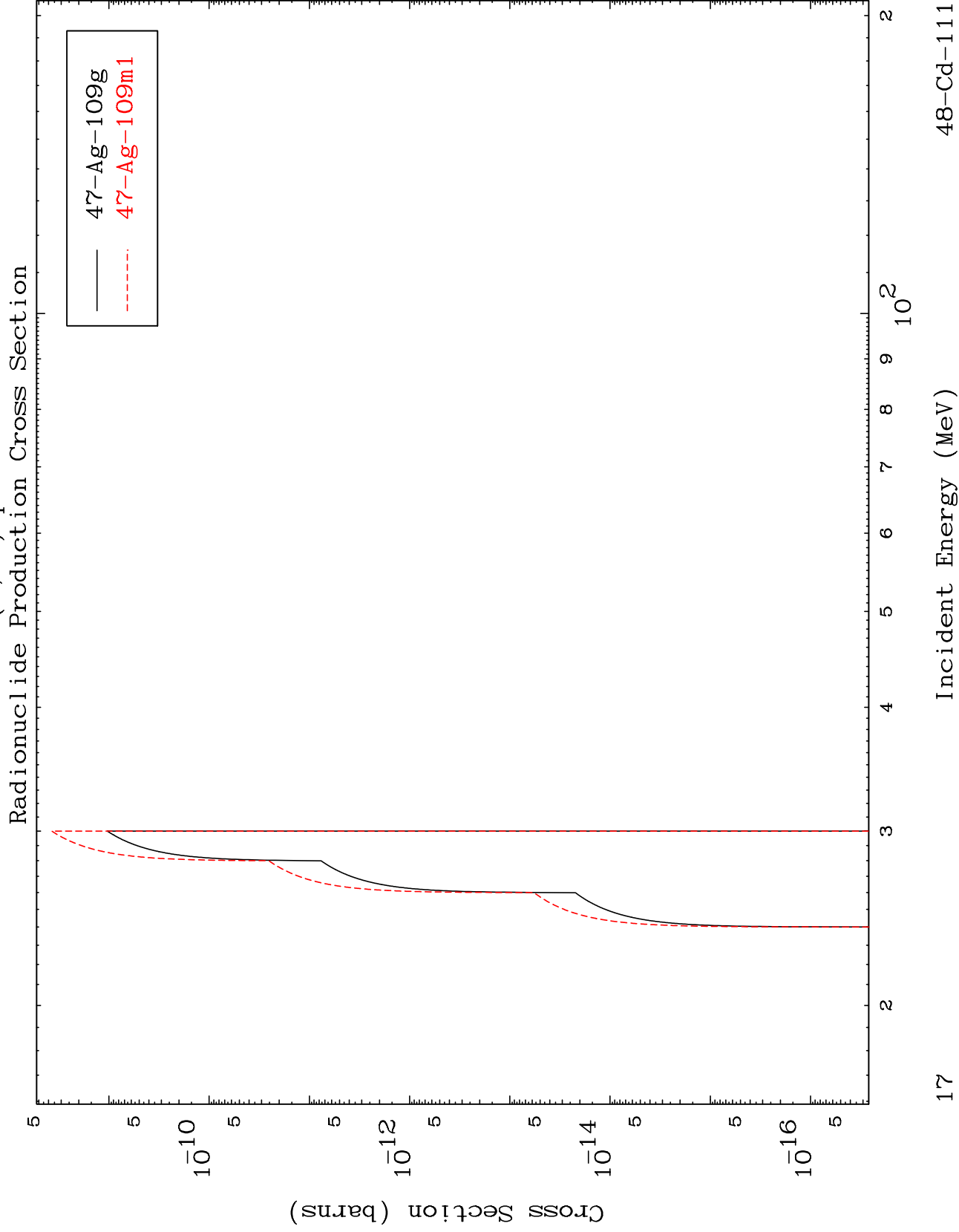
Incident Energy (MeV)

48-Cd-111

MAT 4840

$(\alpha, n')$  p  $\alpha$

48-Cd-111

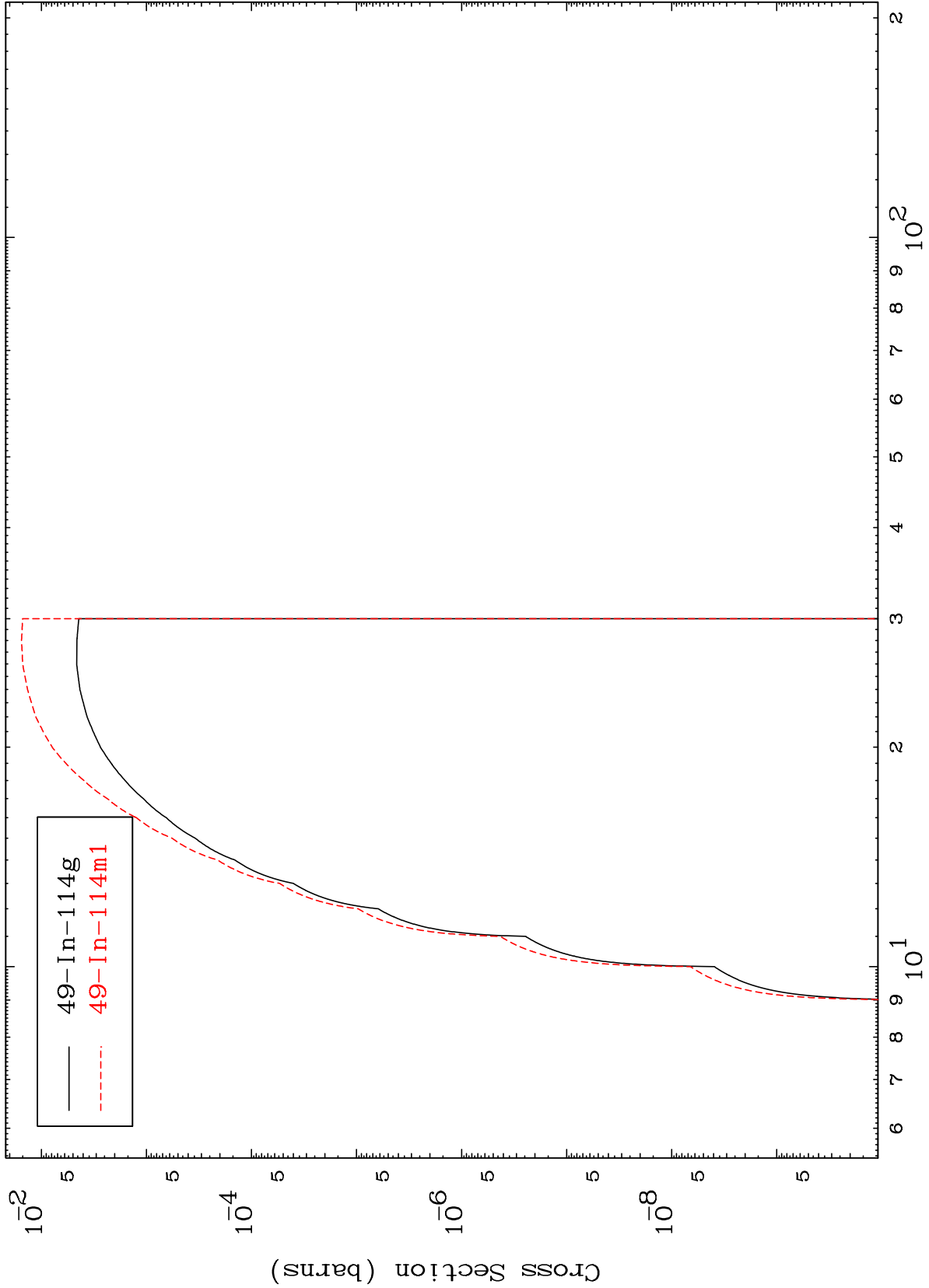


17

MAT 4840

48-Cd-111

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



18

Incident Energy (MeV)

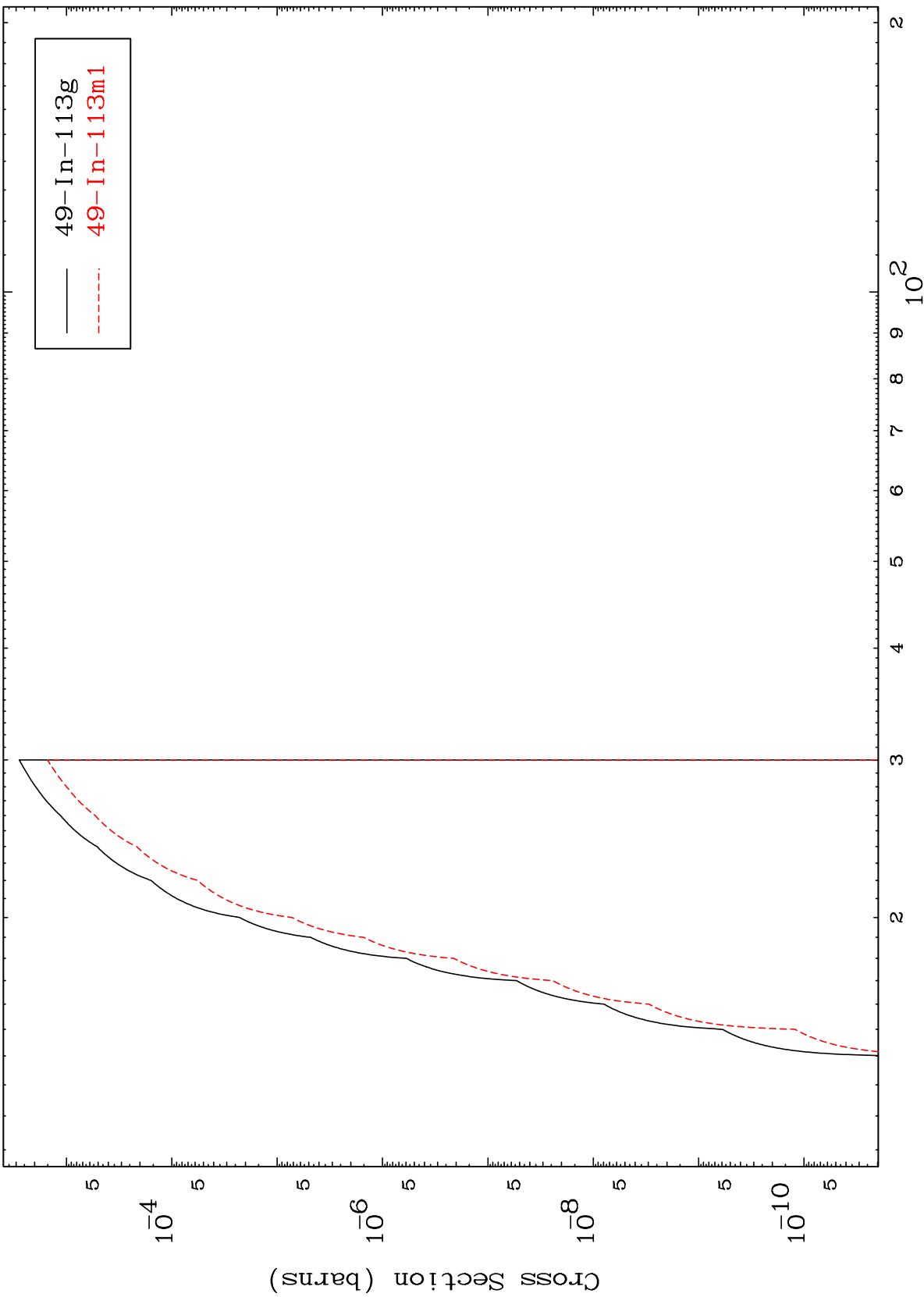
48-Cd-111

MAT 4840

( $\alpha, d$ )

48-Cd-111

Radionuclide Production Cross Section



19

Incident Energy (MeV)

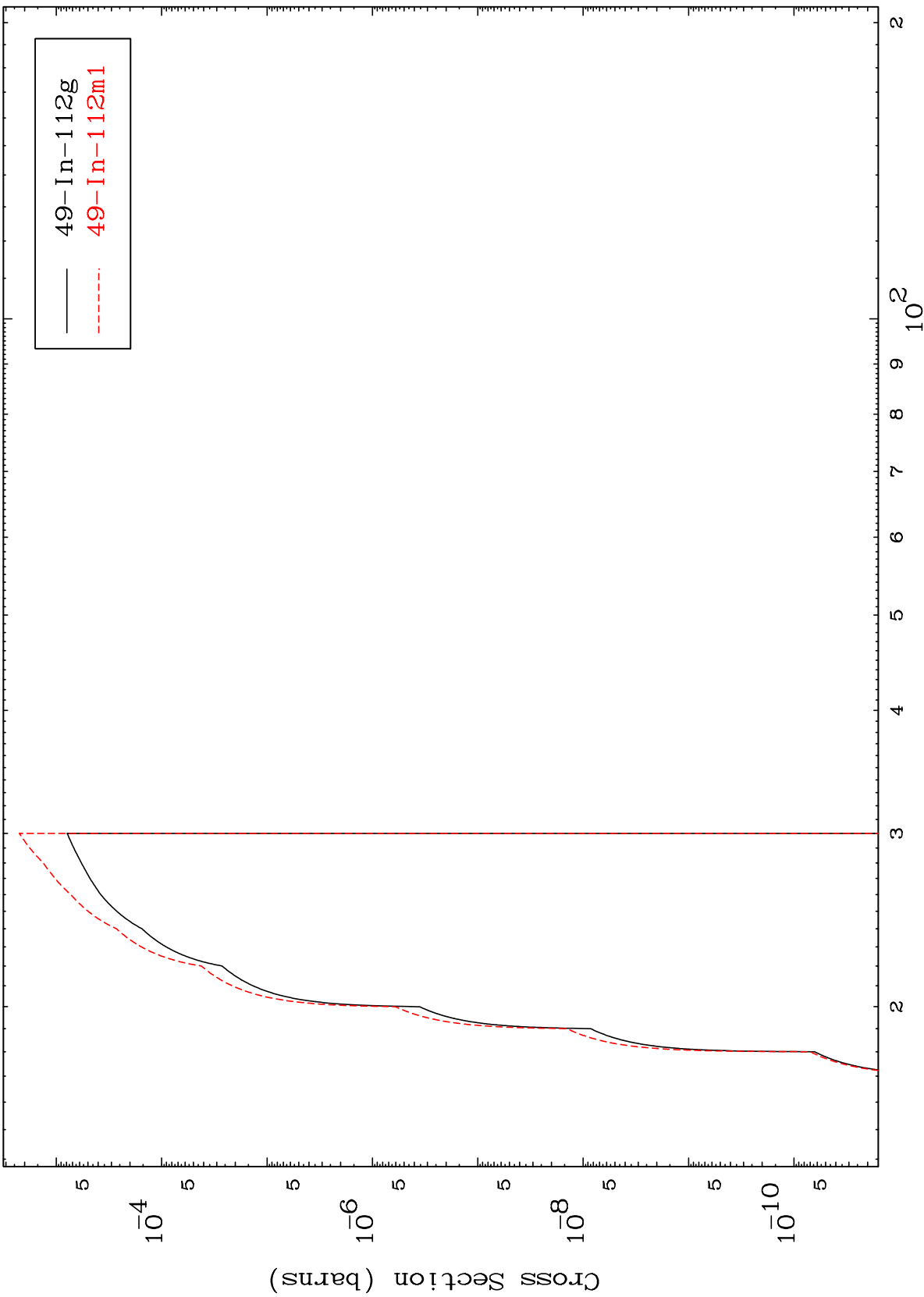
48-Cd-111

MAT 4840

( $\alpha, t$ )

48-Cd-111

Radionuclide Production Cross Section



20

Incident Energy (MeV)

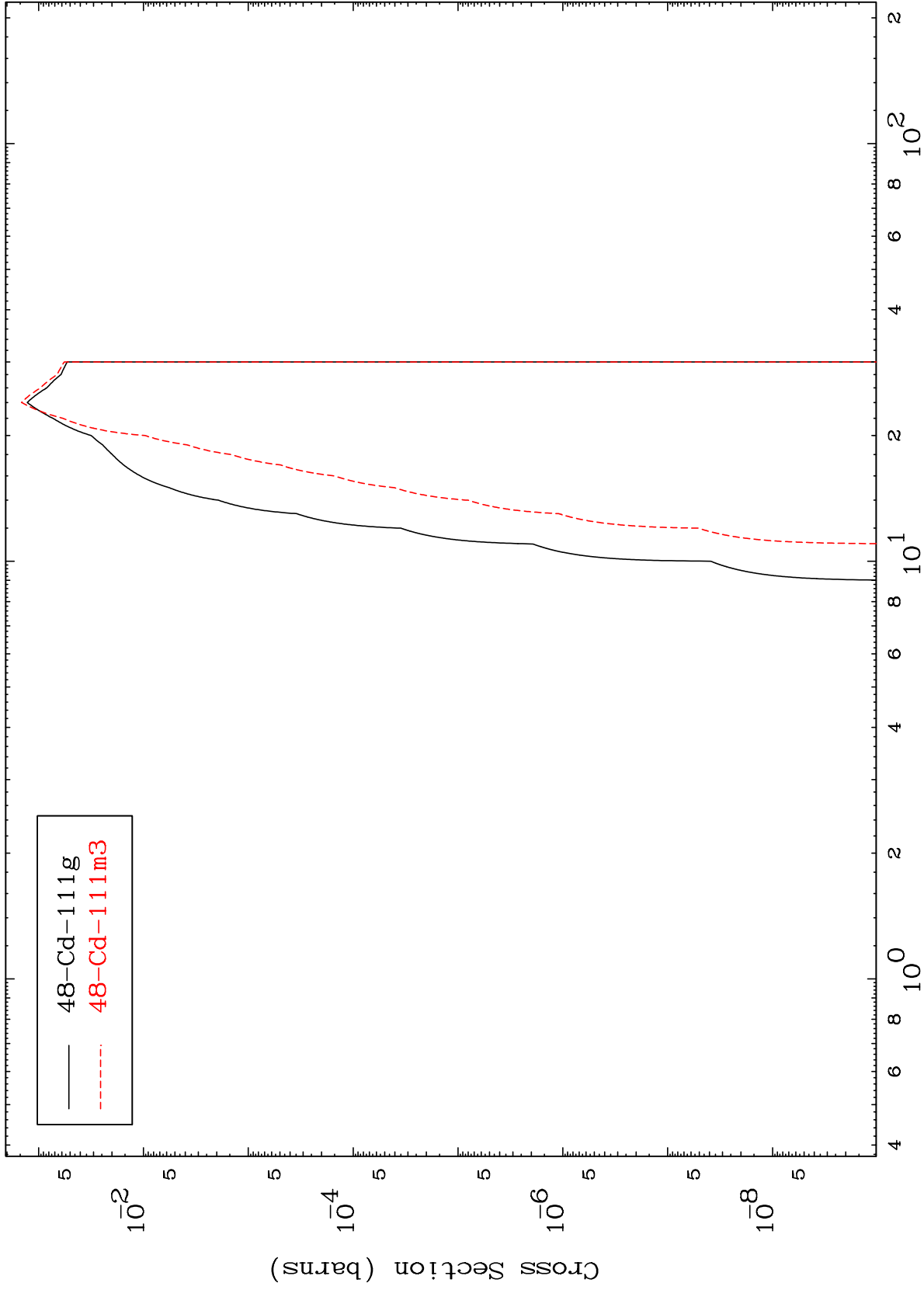
48-Cd-111

MAT 4840

( $\alpha, \alpha$ )

48-Cd-111

Radionuclide Production Cross Section



21

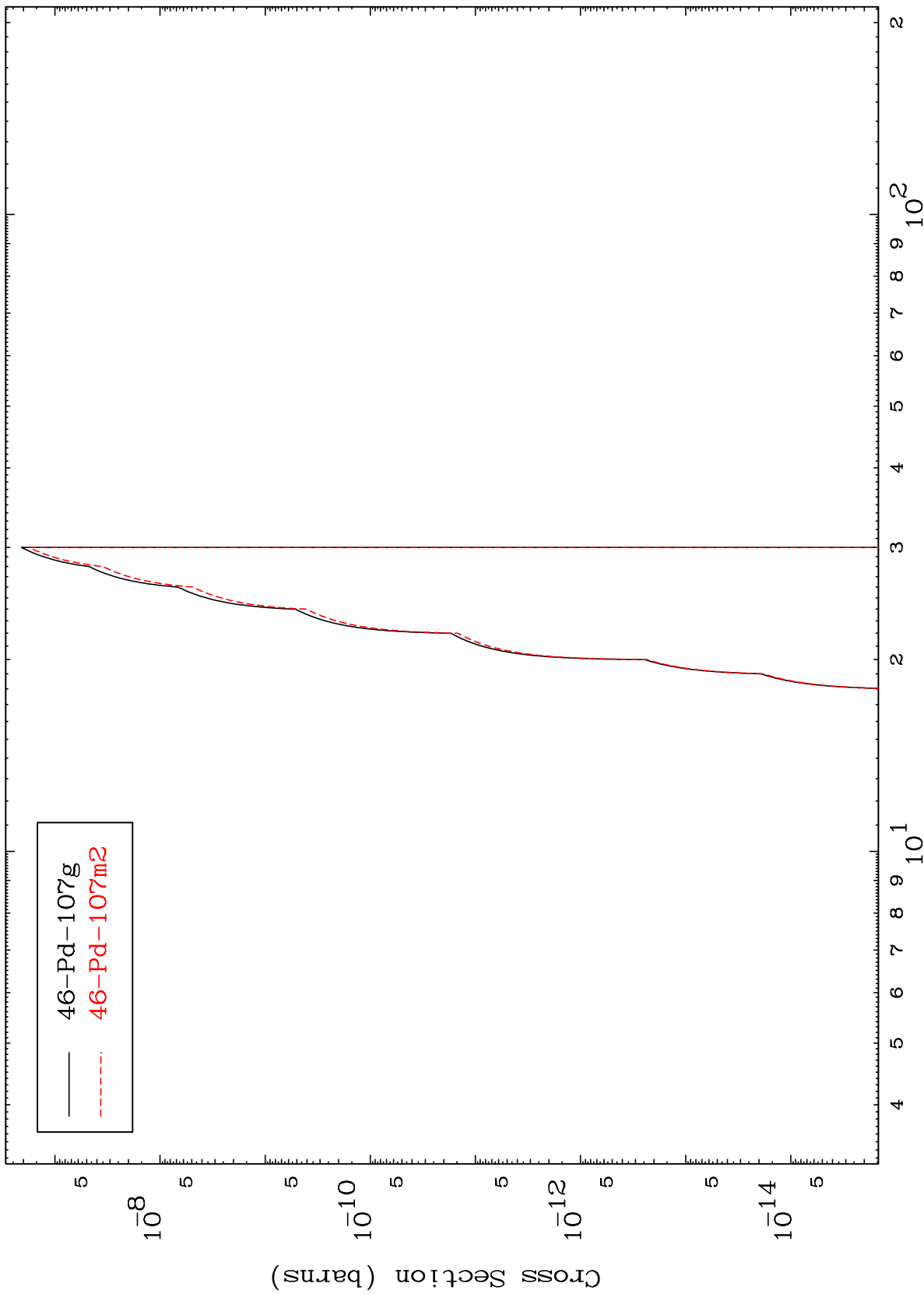
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

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



22

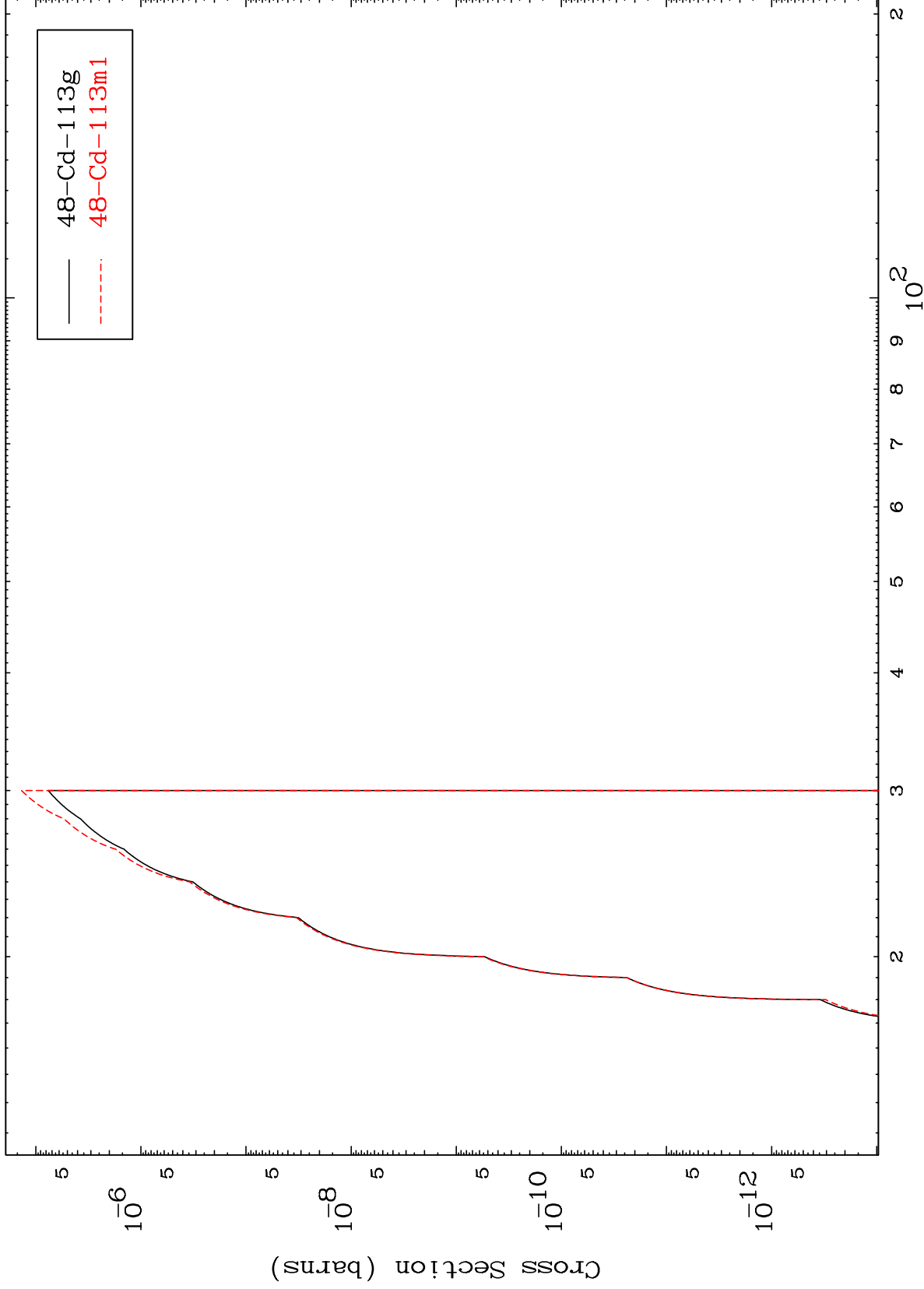
48-Cd-111

Incident Energy (MeV)

MAT 4840

48-Cd-111

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



23

Incident Energy (MeV)

48-Cd-111

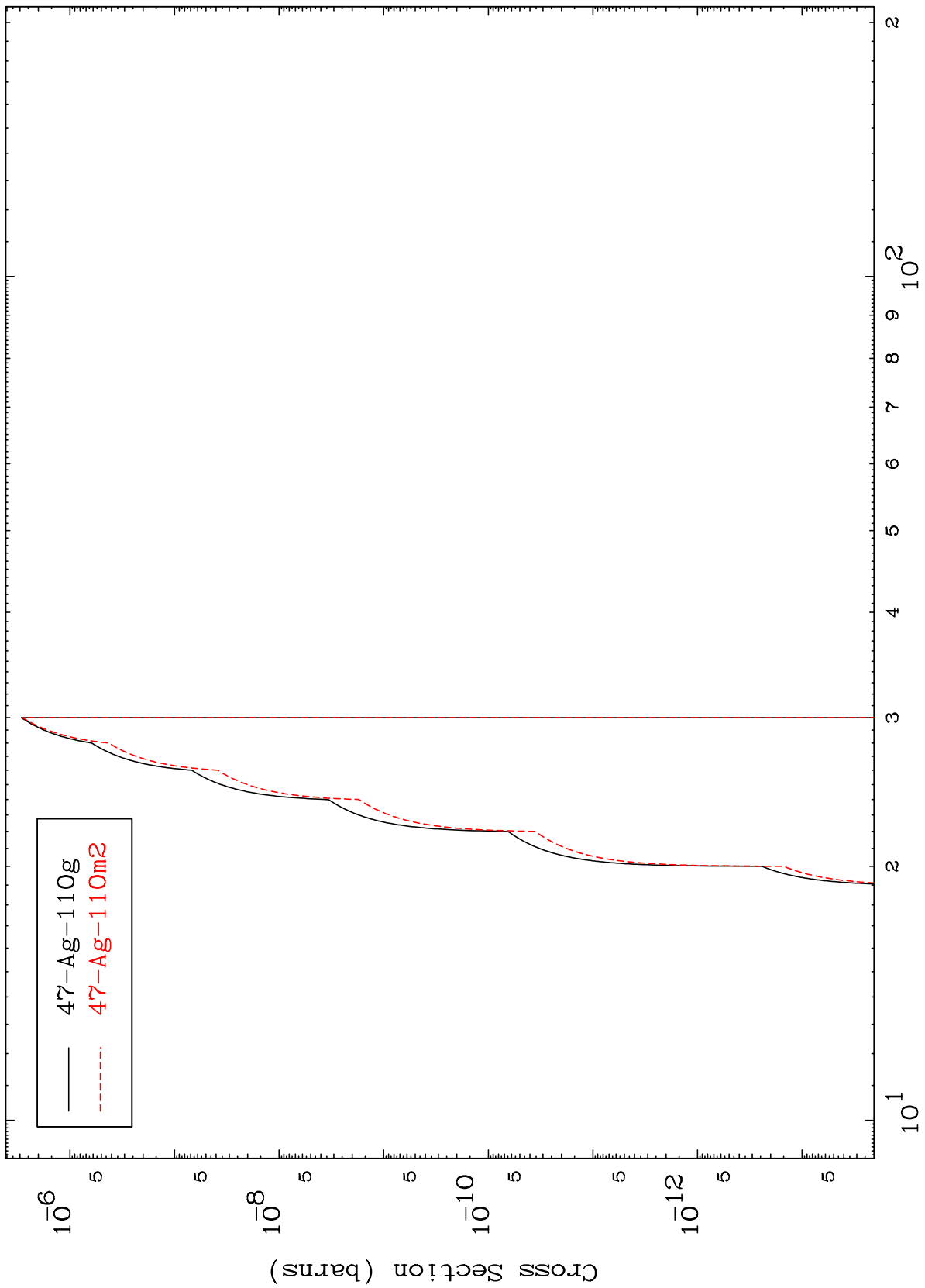


MAT 4840

( $\alpha, p$ )  $\alpha$

48-Cd-111

Radionuclide Production Cross Section



24

Incident Energy (MeV)

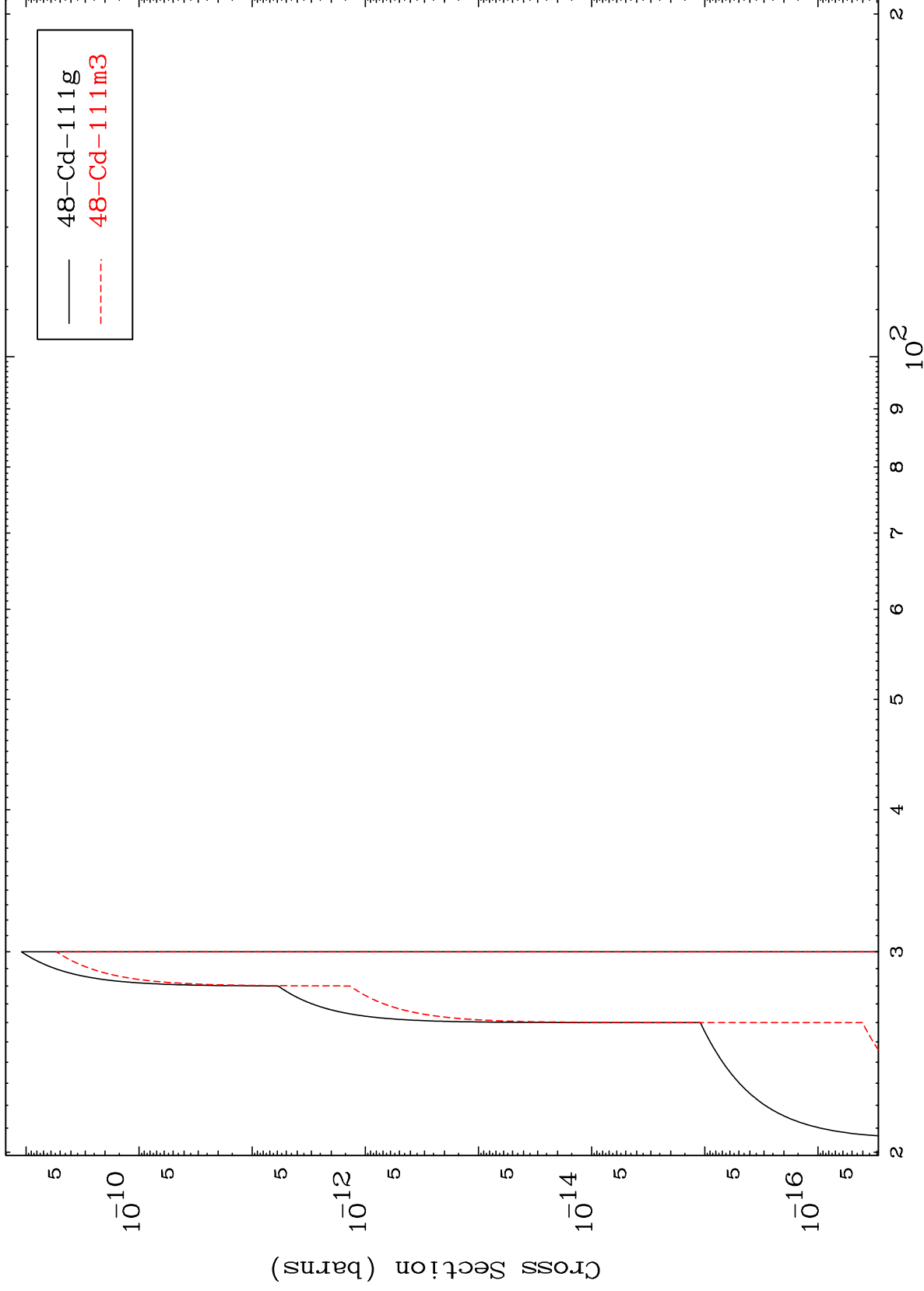
48-Cd-111

MAT 4840

( $\alpha, p$ ) t

48-Cd-111

Radionuclide Production Cross Section



25

Incident Energy (MeV)

48-Cd-111