

Program EVALPLOT  
(Version 2018-1)

by

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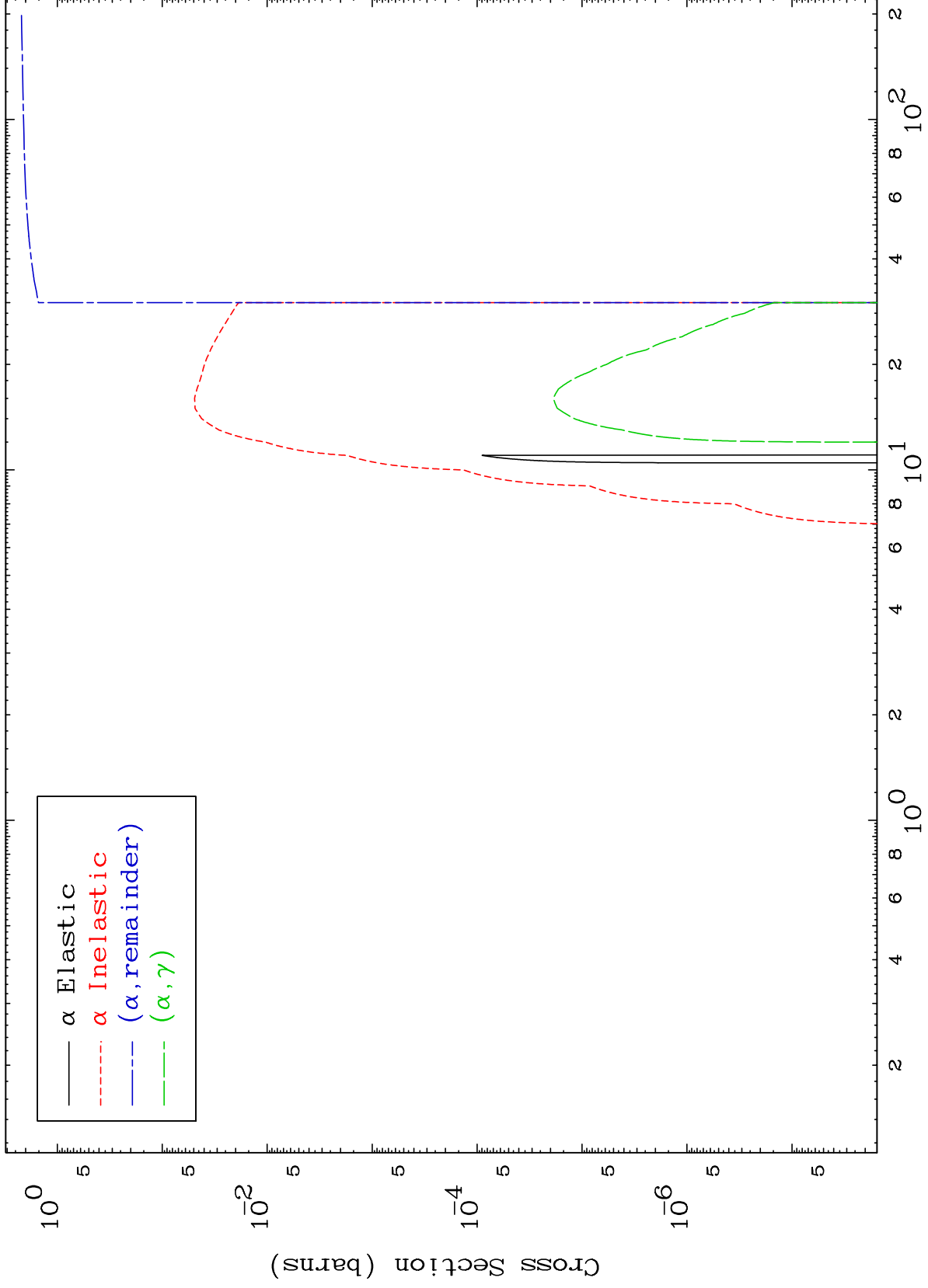
Press Mouse Button to Start

MAT 4861

$\alpha$  Major

48-Cd-118

0 Kelvin Cross Sections



1

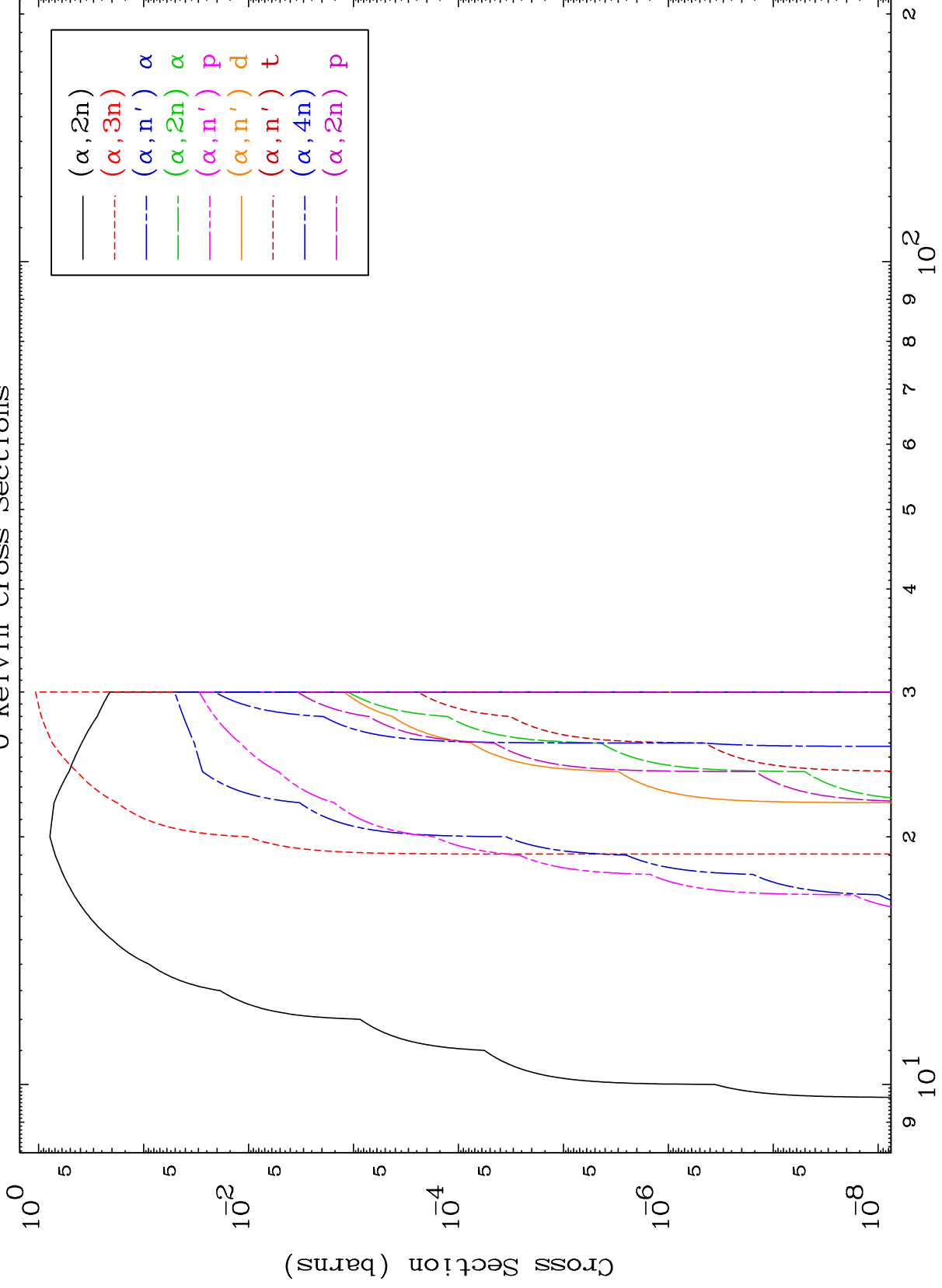
Incident Energy (MeV)

48-Cd-118

MAT 4861

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

48-Cd-118



Incident Energy (MeV)

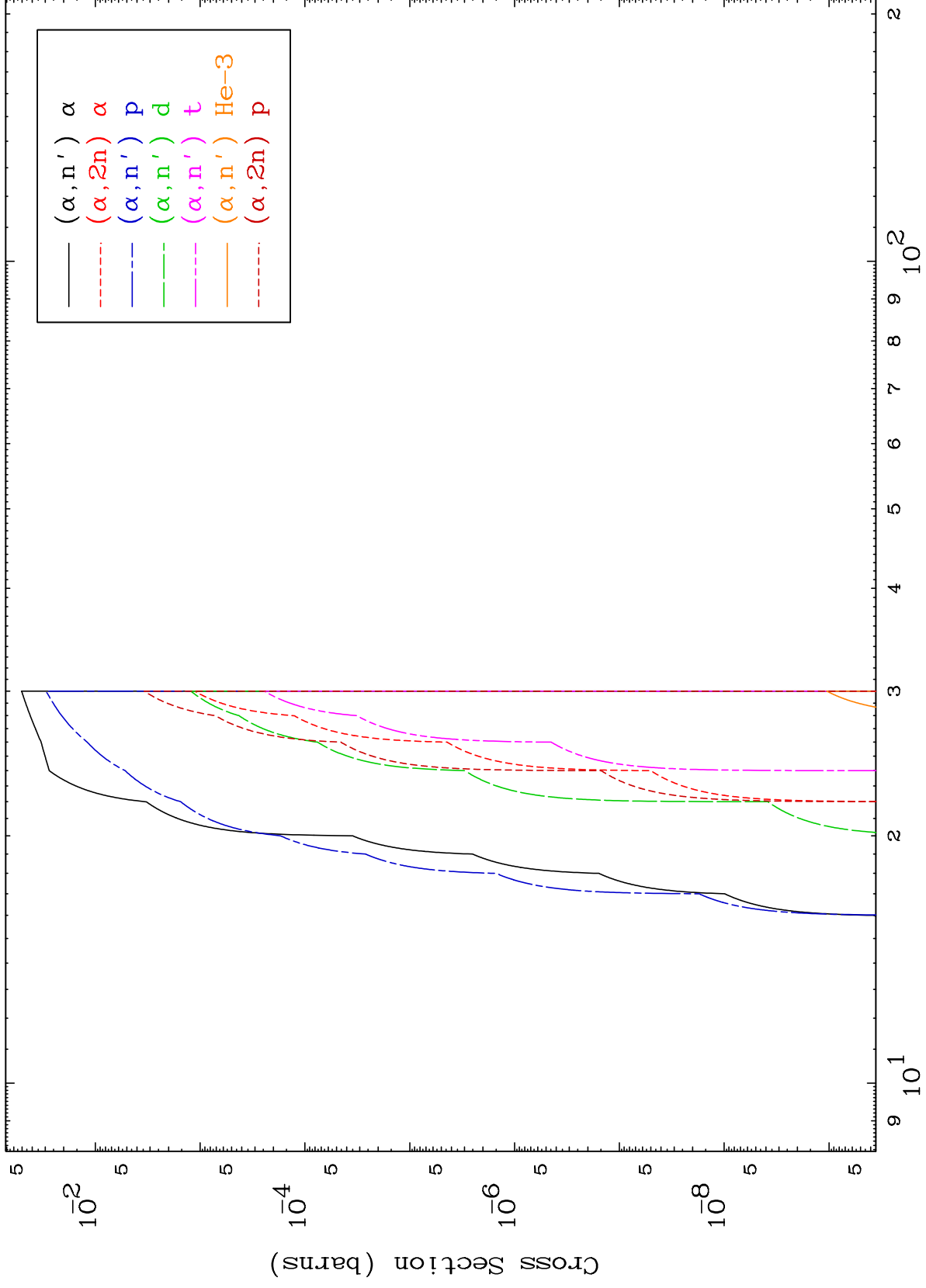
48-Cd-118

2

MAT 4861

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-118



3

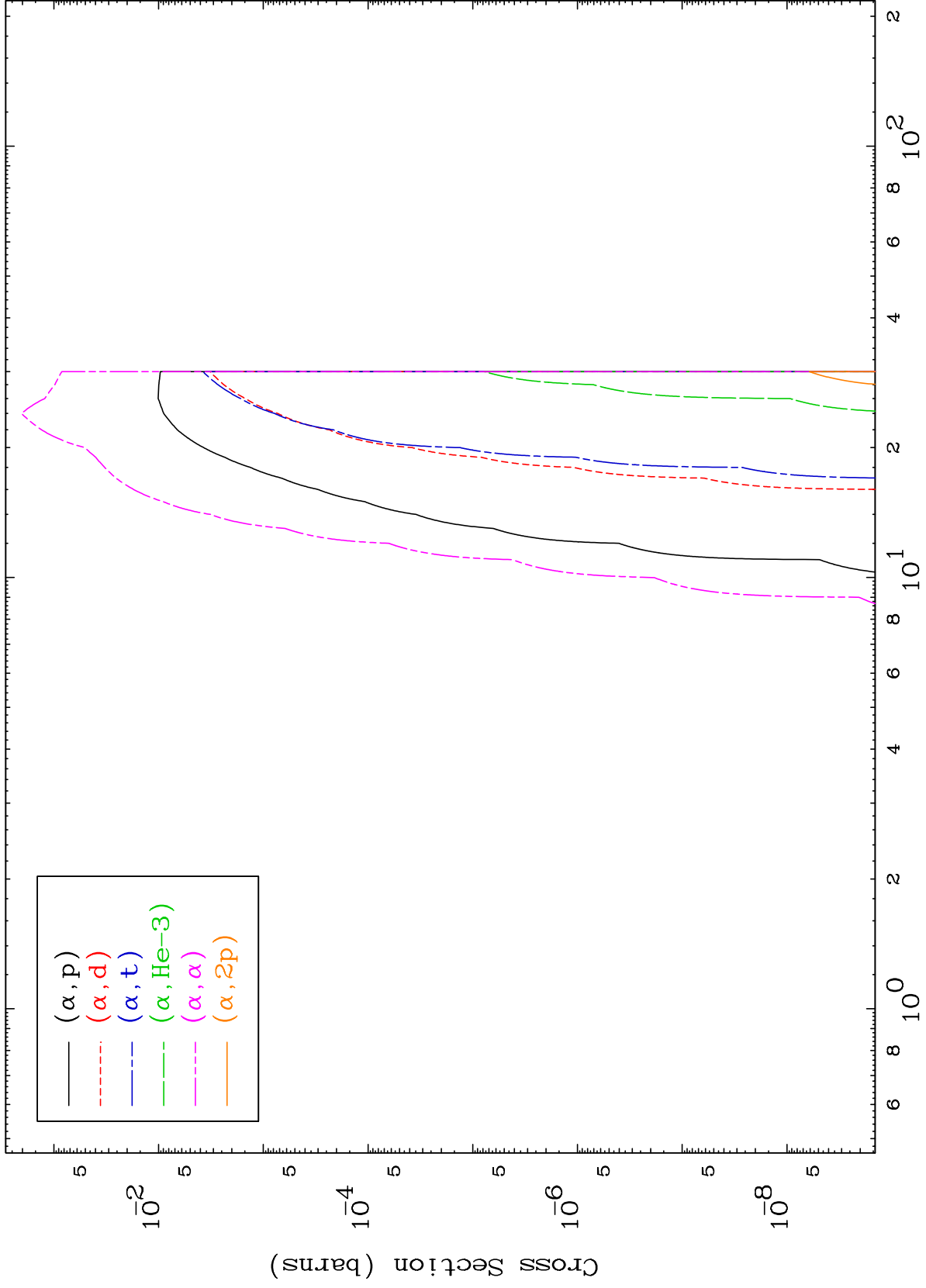
Incident Energy (MeV)

48-Cd-118

MAT 4861

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-118

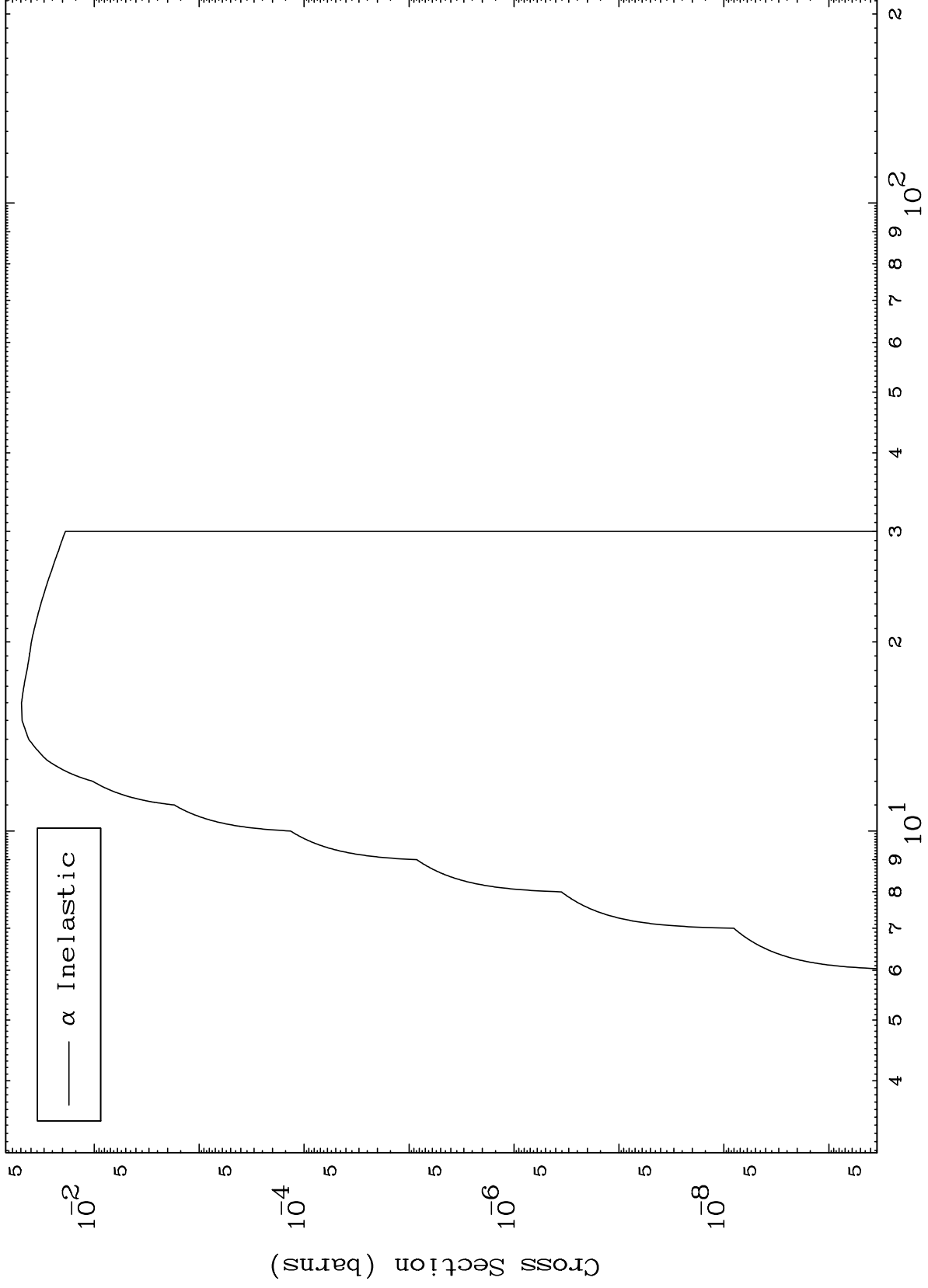


MAT 4861

( $\alpha, n'$ ) Level

48-Cd-118

0 Kelvin Cross Sections



5

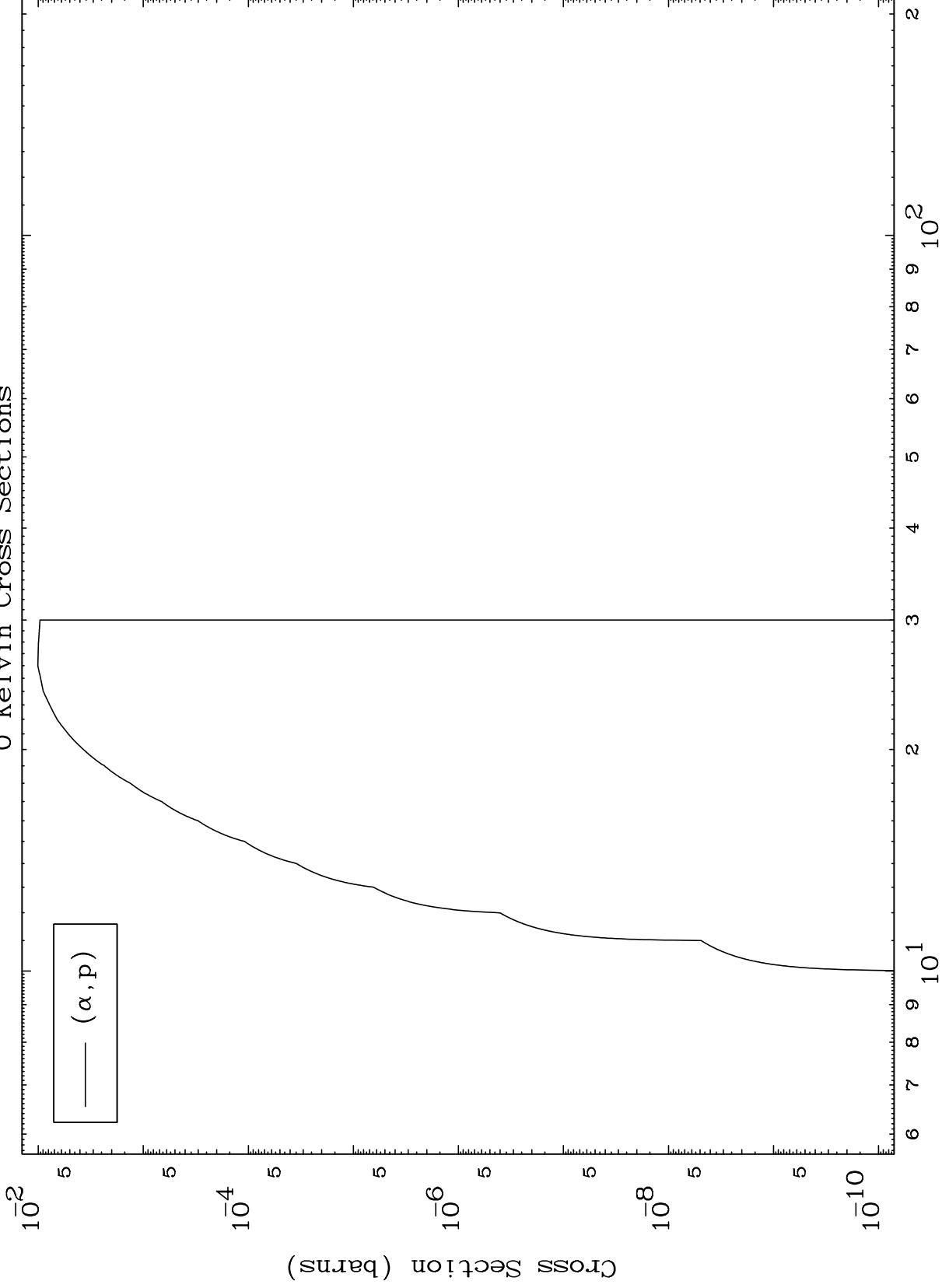
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



6

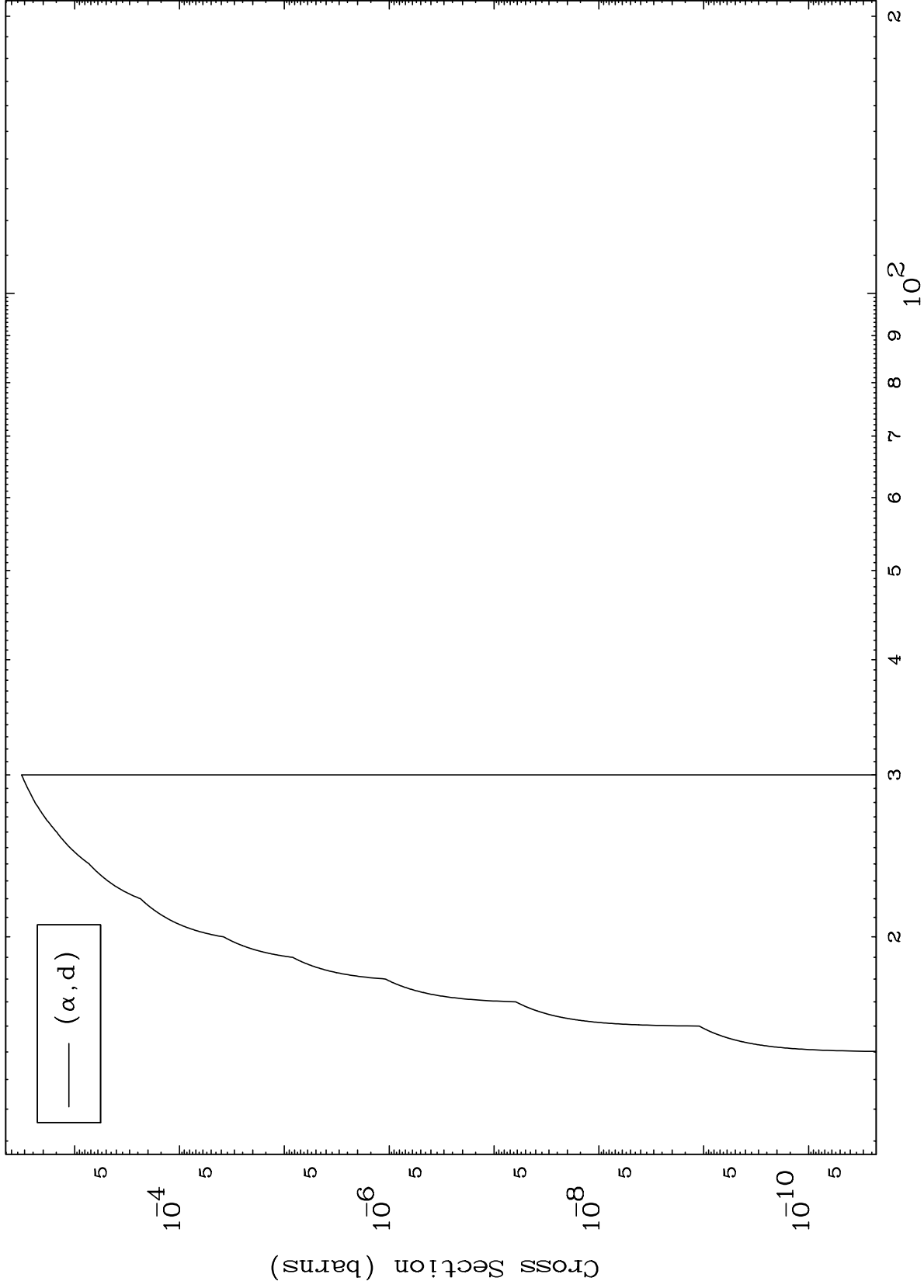
Incident Energy (MeV)

48-Cd-118

MAT 4861

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

48-Cd-118



7

Incident Energy (MeV)

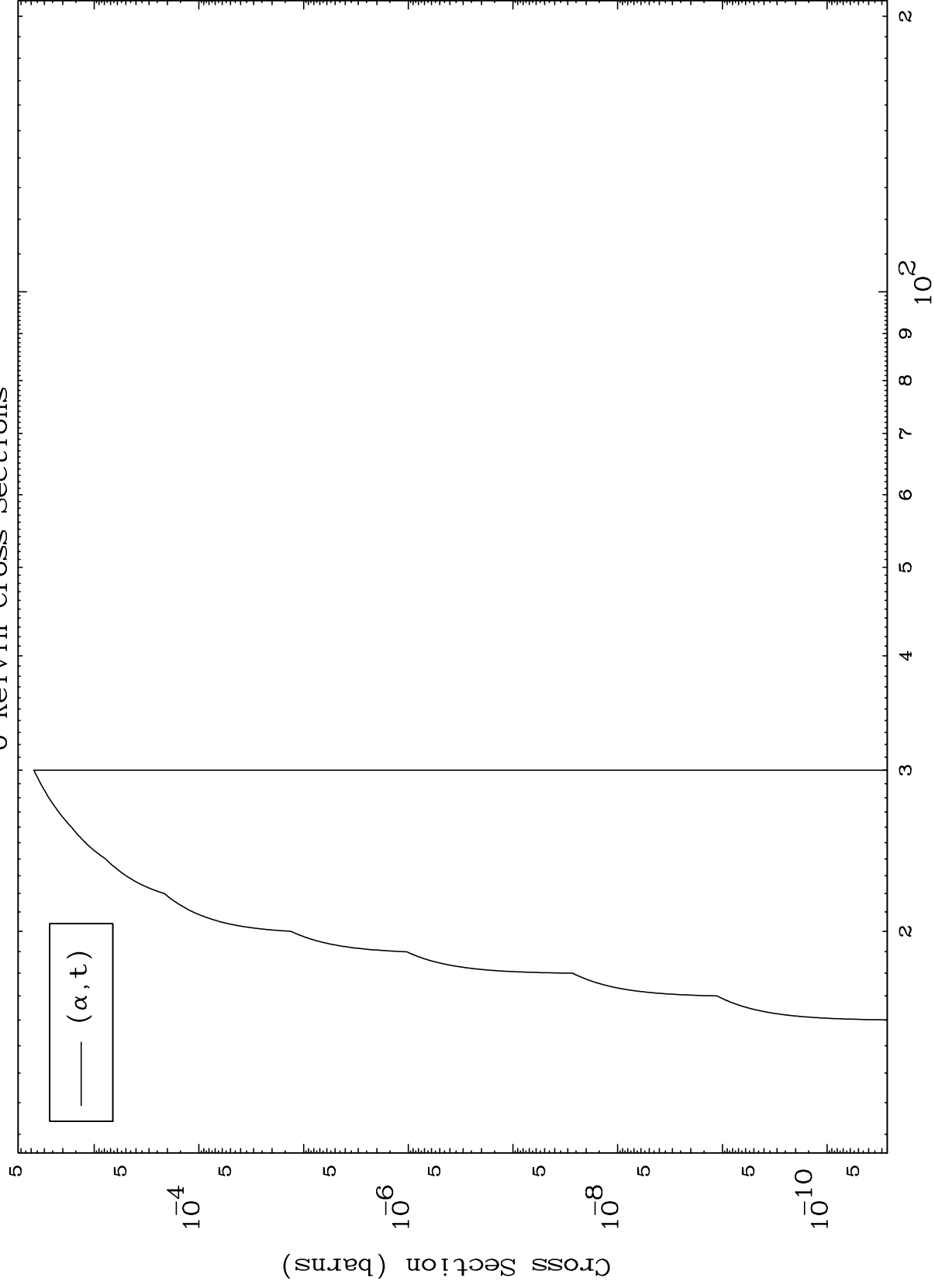
48-Cd-118



MAT 4861

48-Cd-118

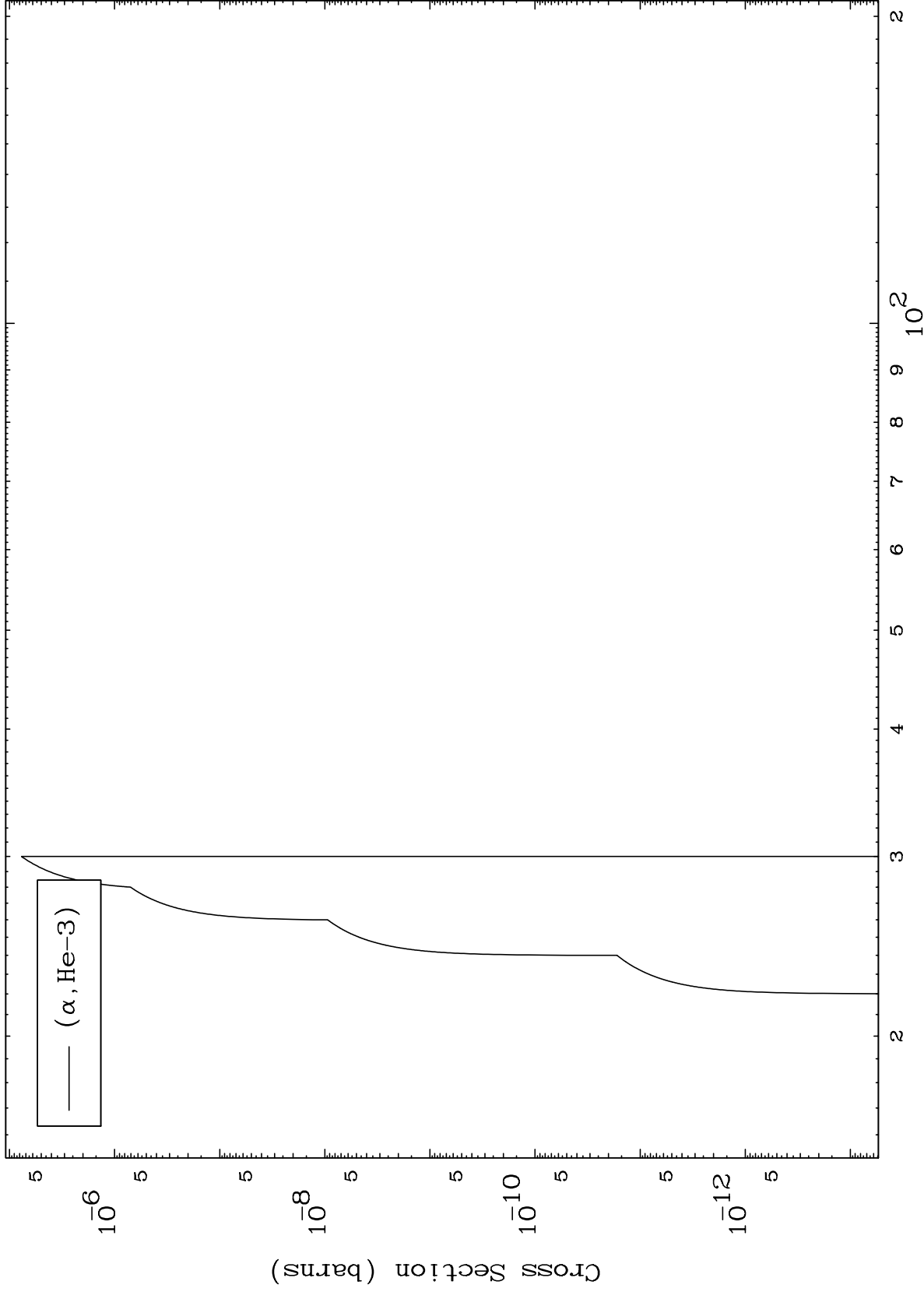
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections



8

Incident Energy (MeV)

48-Cd-118

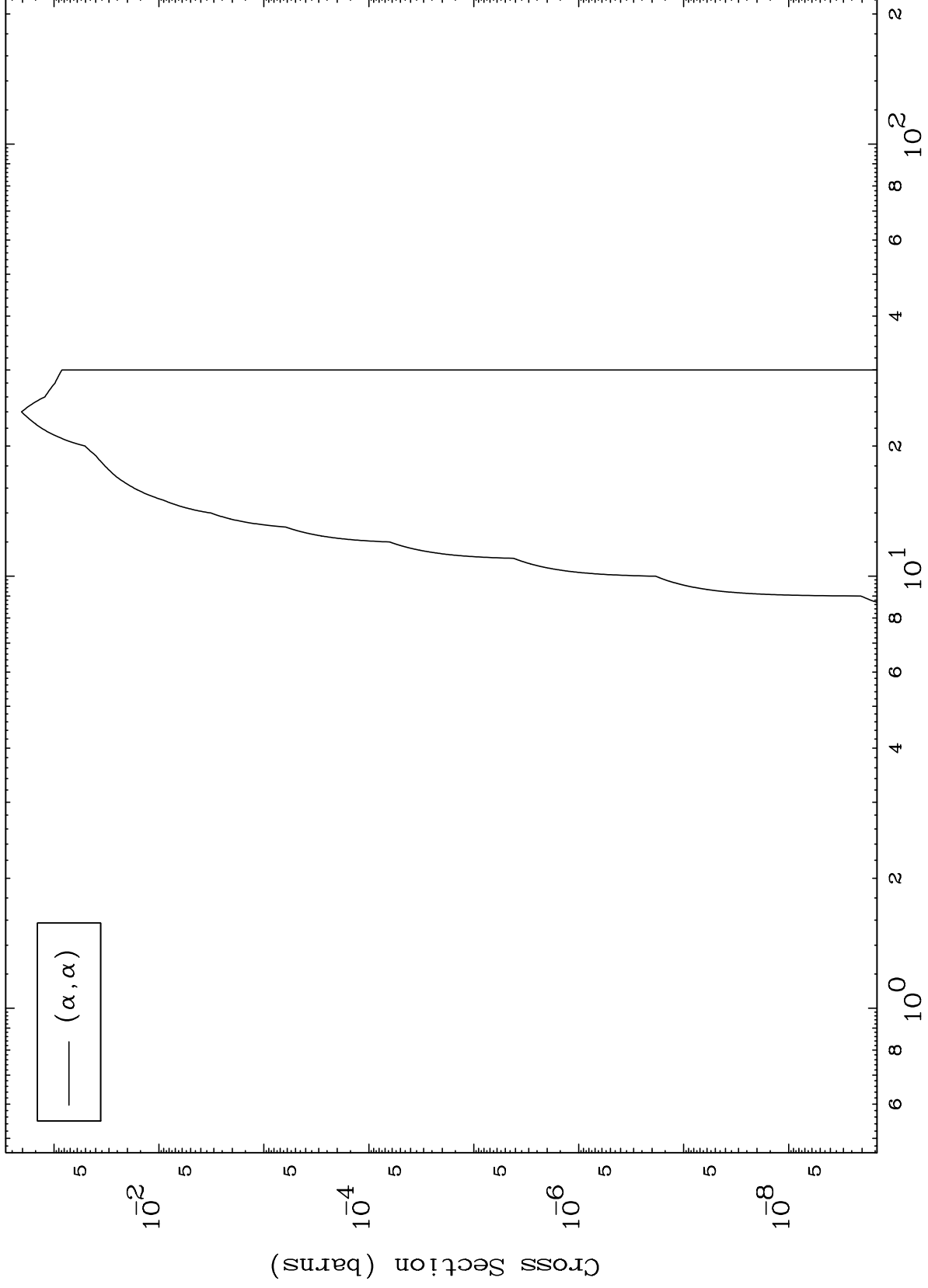


MAT 4861

( $\alpha, \alpha$ ) Levels

48-Cd-118

0 Kelvin Cross Sections



10

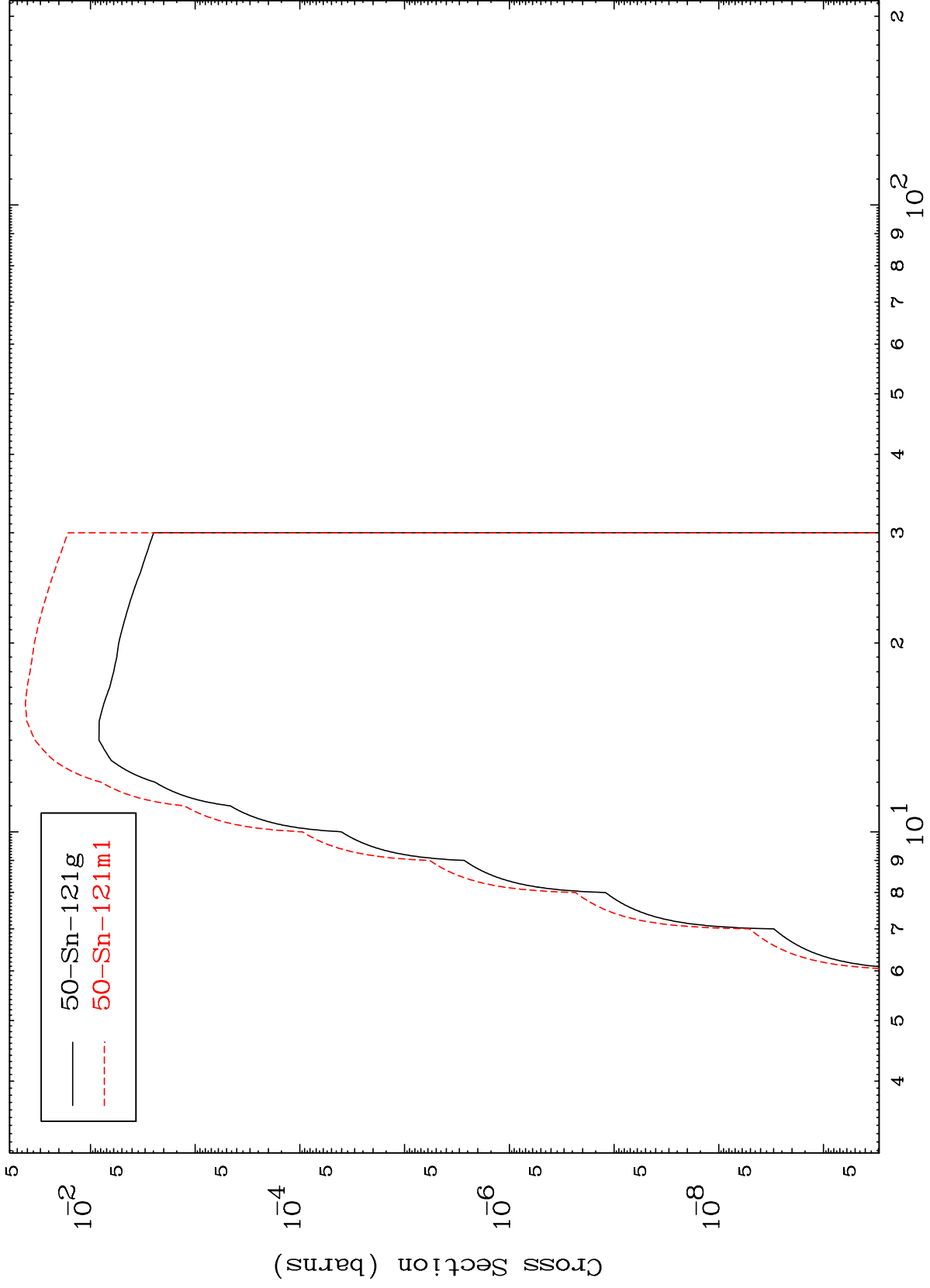
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

Radionuclide Production Cross Section  
 $\alpha$  Inelastic

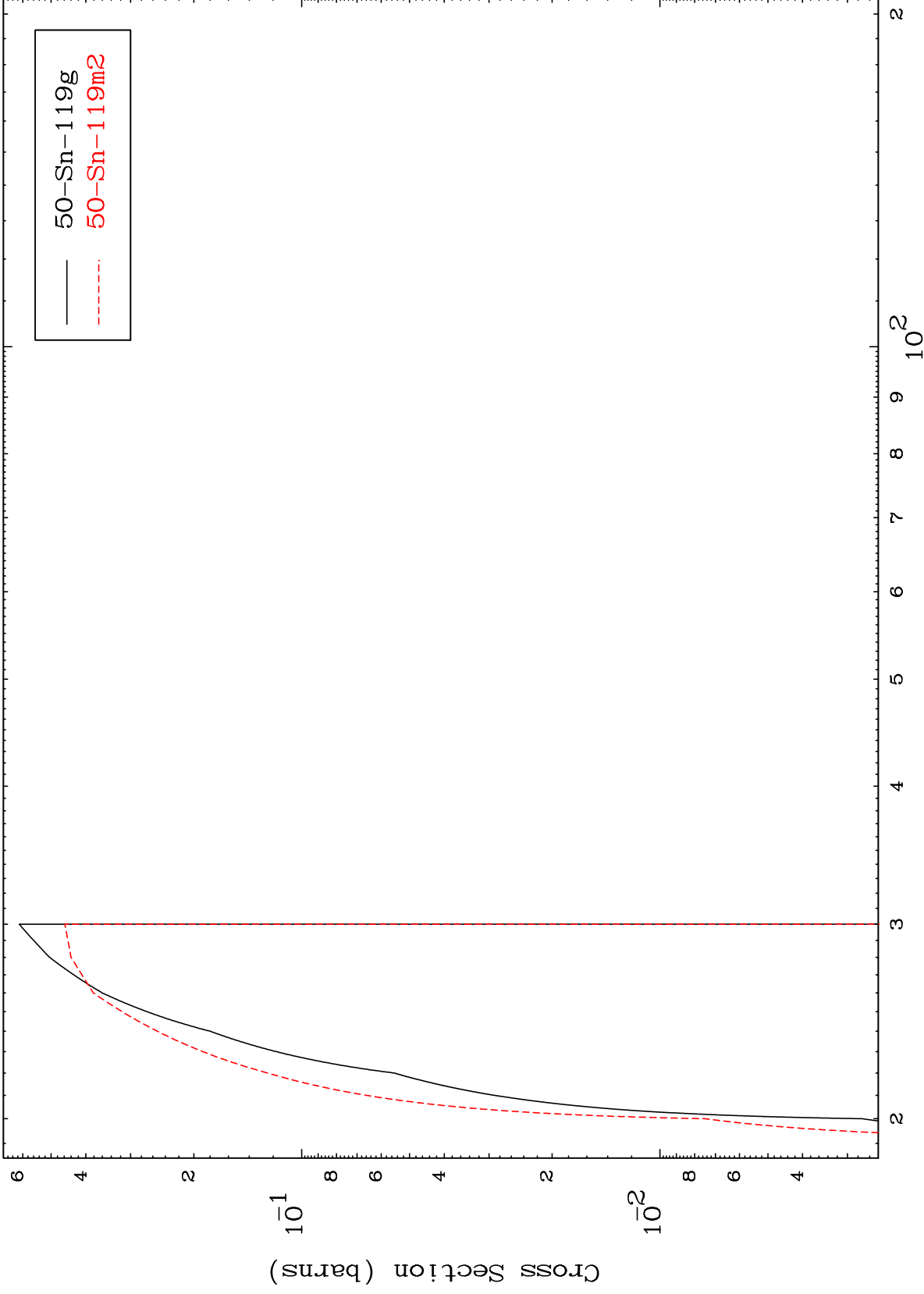


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( $\alpha, 3n$ )

48-Cd-118

Radionuclide Production Cross Section



12

Incident Energy (MeV)

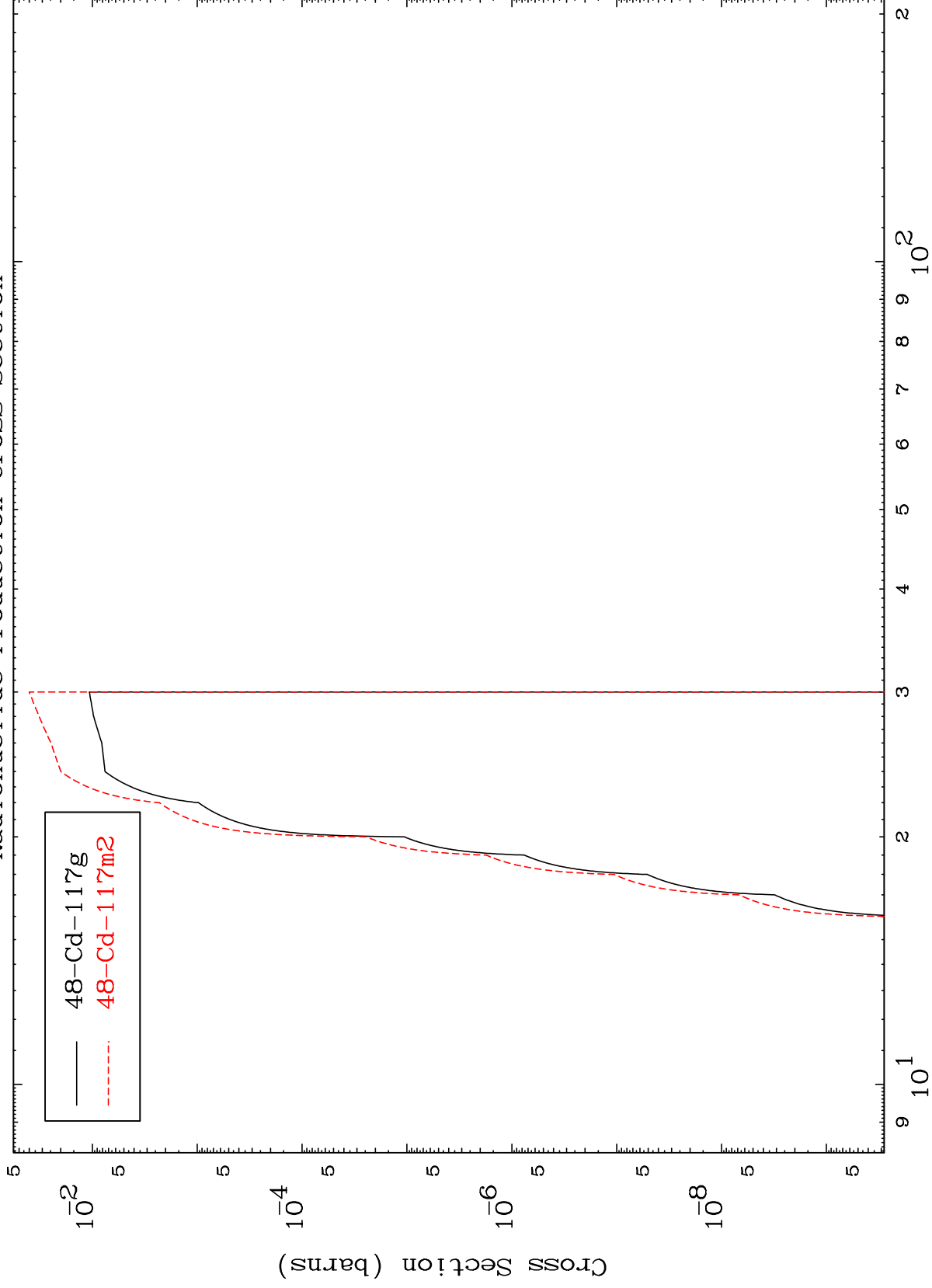
48-Cd-118

MAT 4861

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

48-Cd-118

Radionuclide Production Cross Section

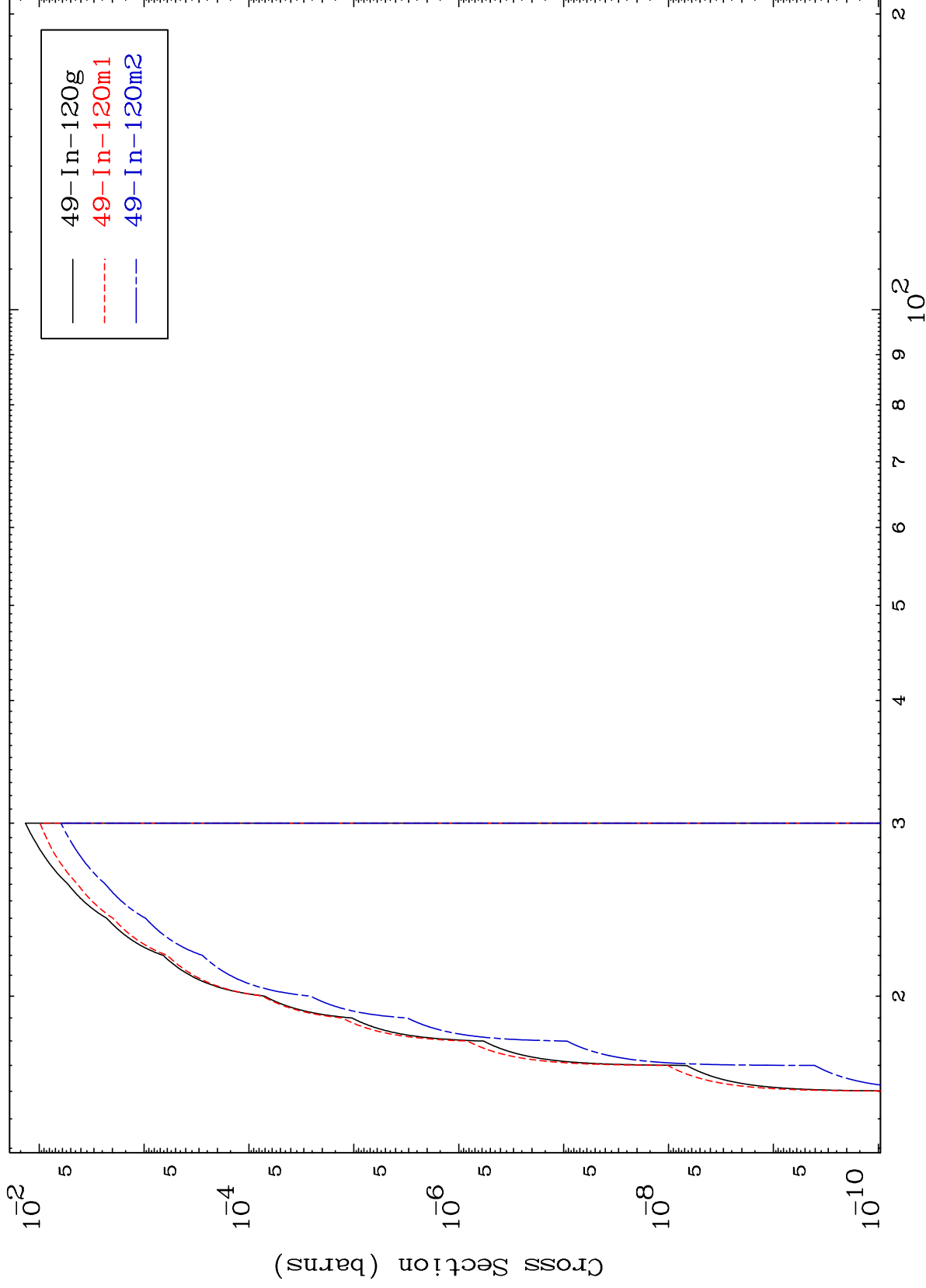


13

Incident Energy (MeV)

48-Cd-118

Radionuclide Production Cross Section

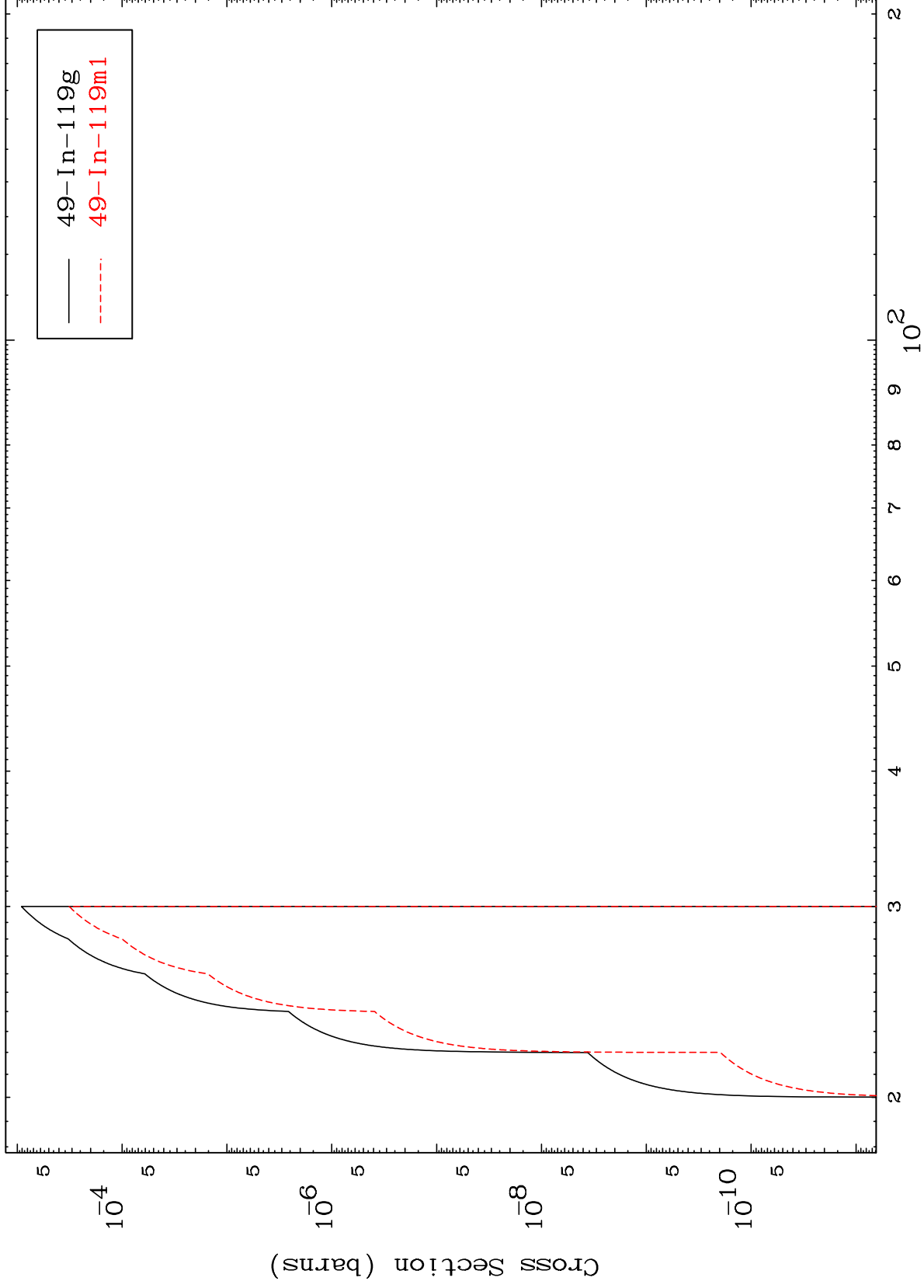


MAT 4861

$(\alpha, n')$  d

48-Cd-118

Radionuclide Production Cross Section



15

Incident Energy (MeV)

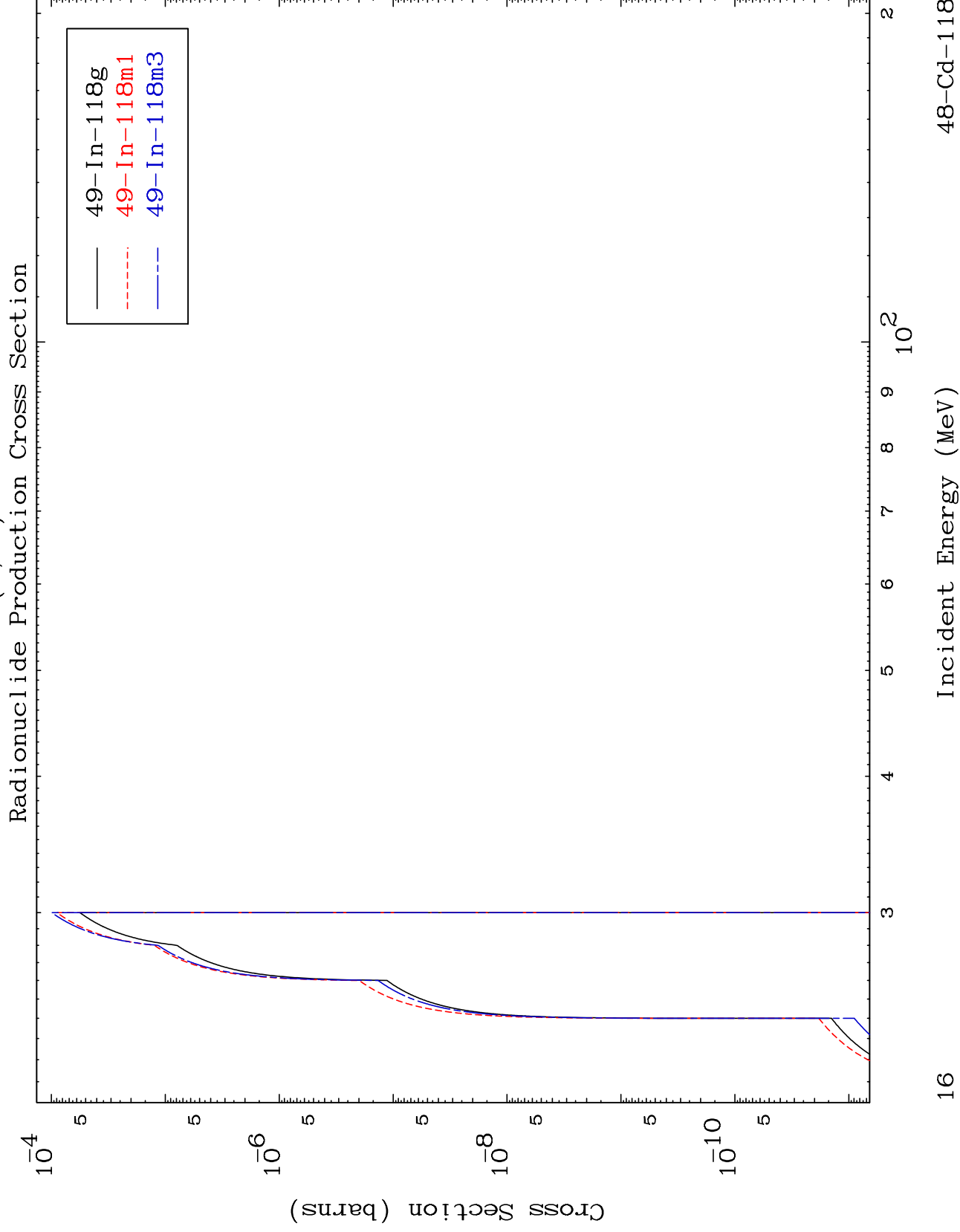
48-Cd-118



MAT 4861

$(\alpha, n')$  t

48-Cd-118



16

Incident Energy (MeV)

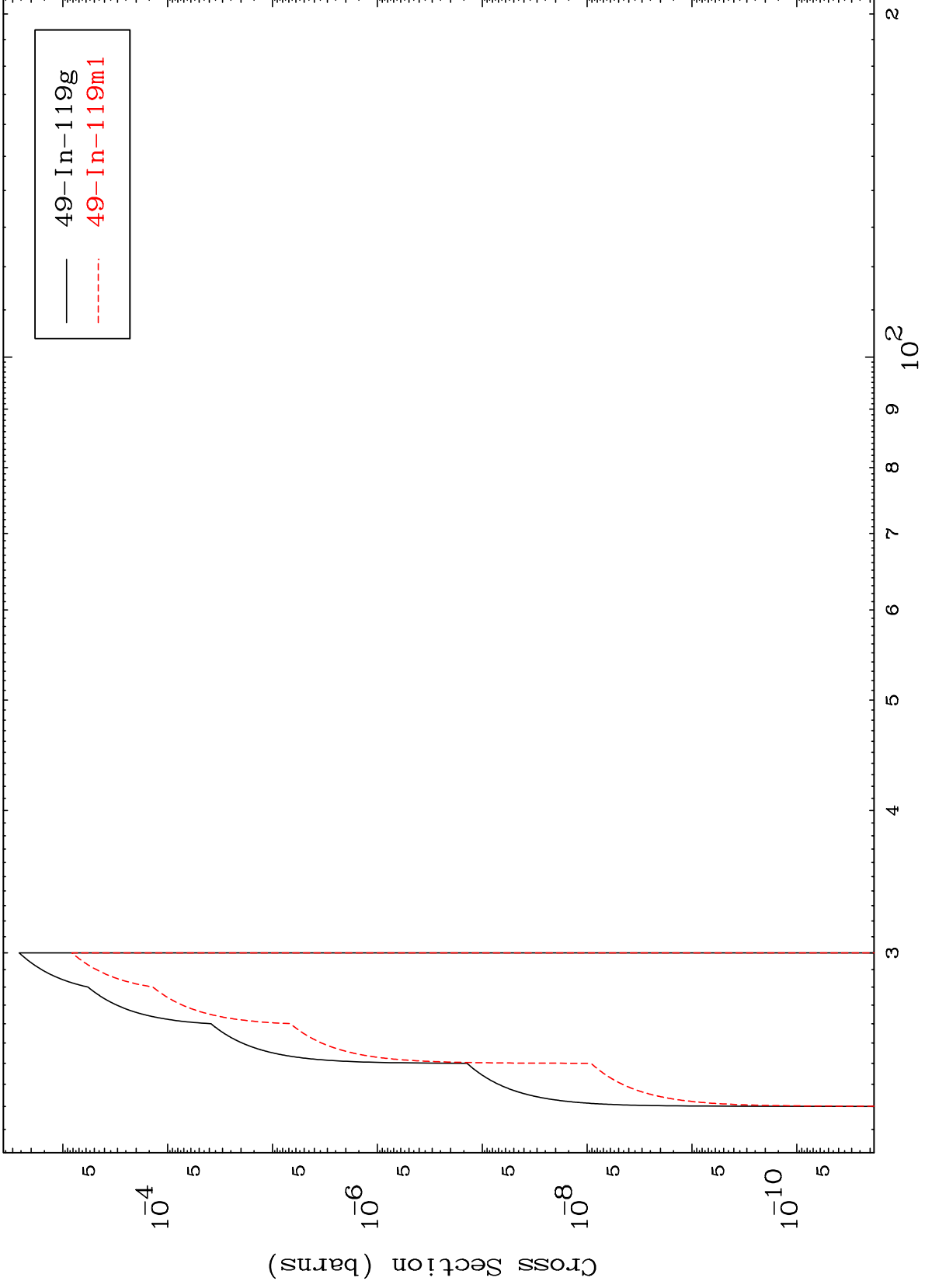
48-Cd-118

MAT 4861

( $\alpha, 2n$ ) p

48-Cd-118

Radionuclide Production Cross Section



17

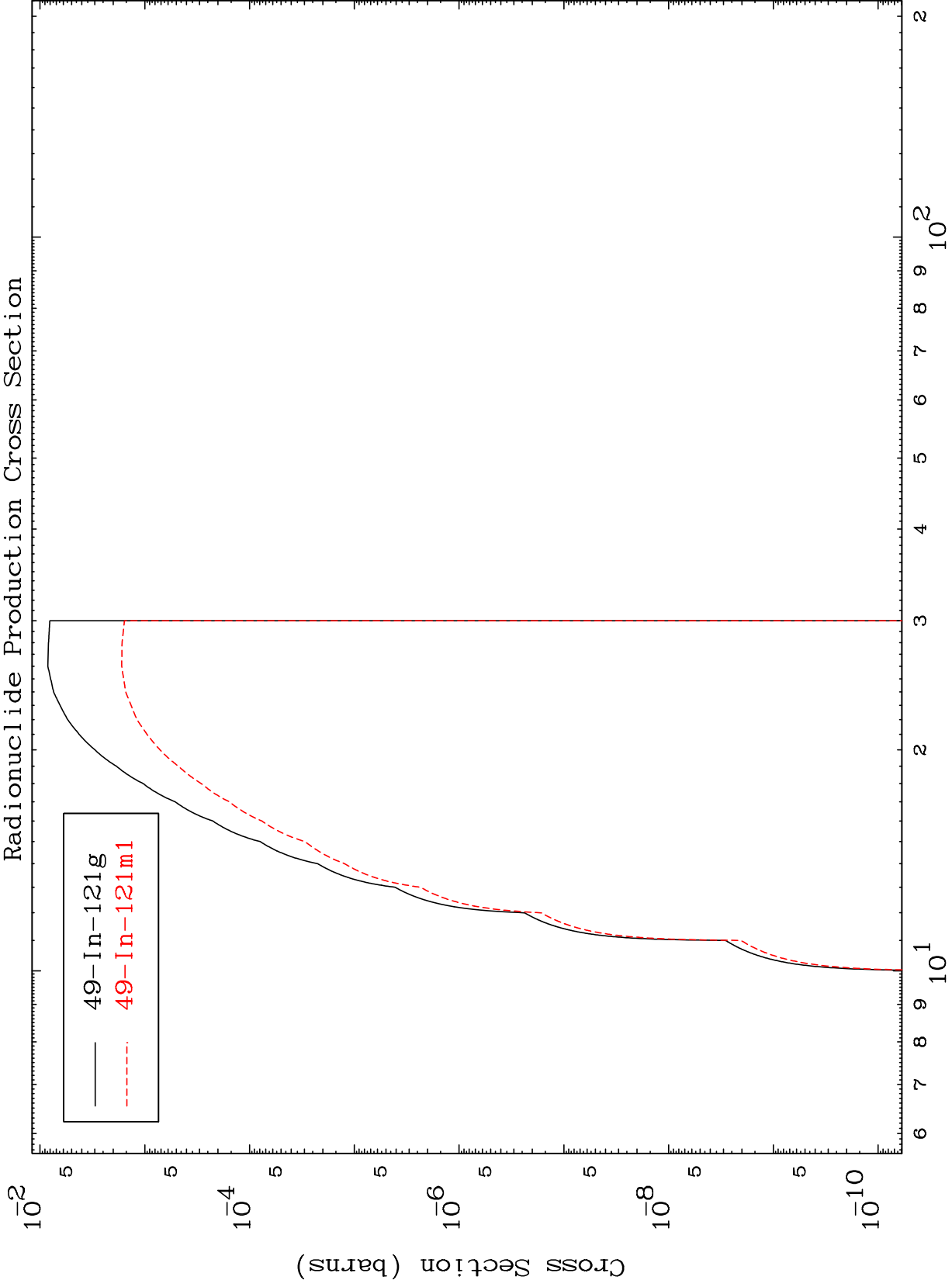
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

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

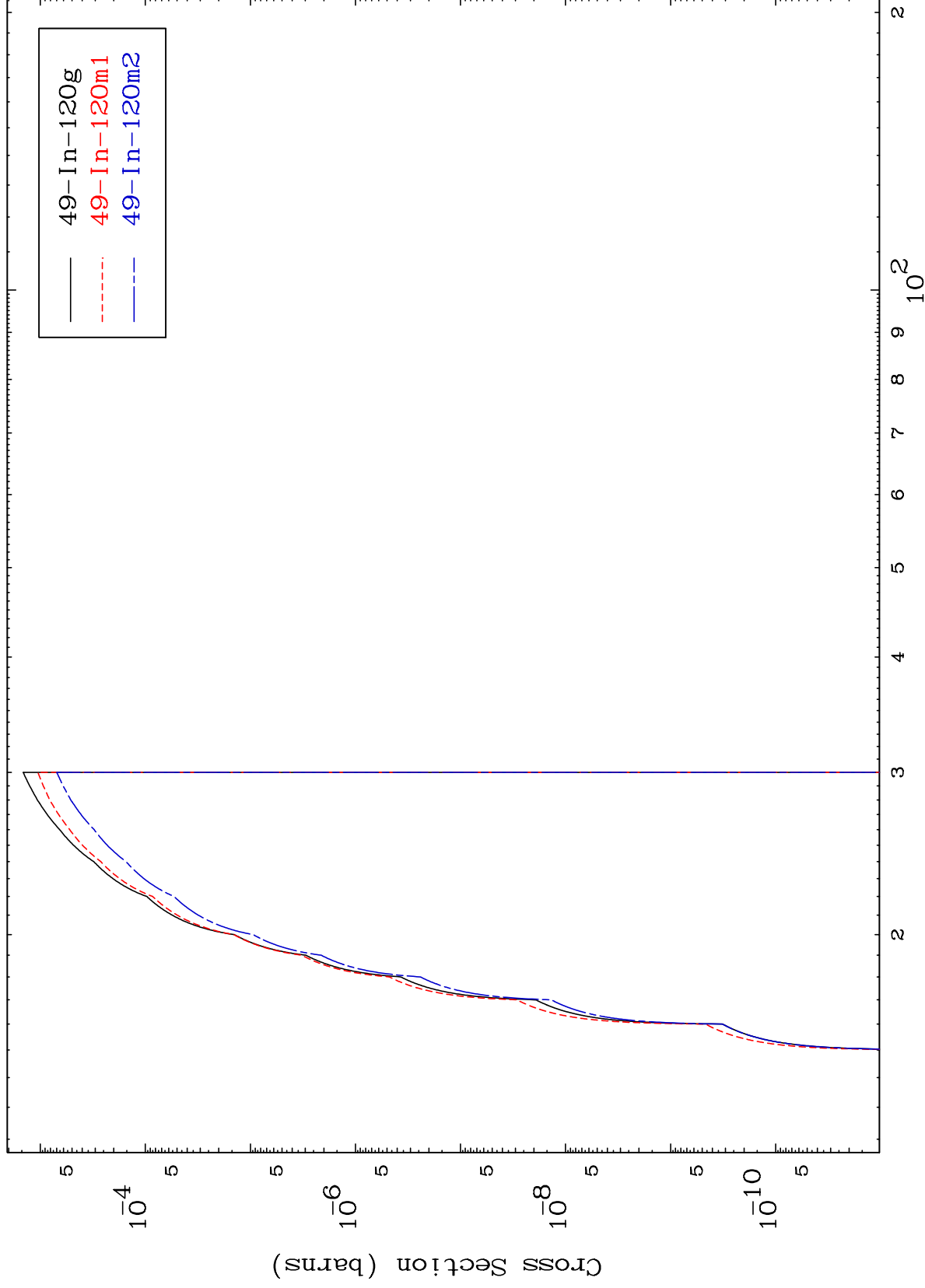


18

Incident Energy (MeV)

48-Cd-118

Radionuclide Production Cross Section

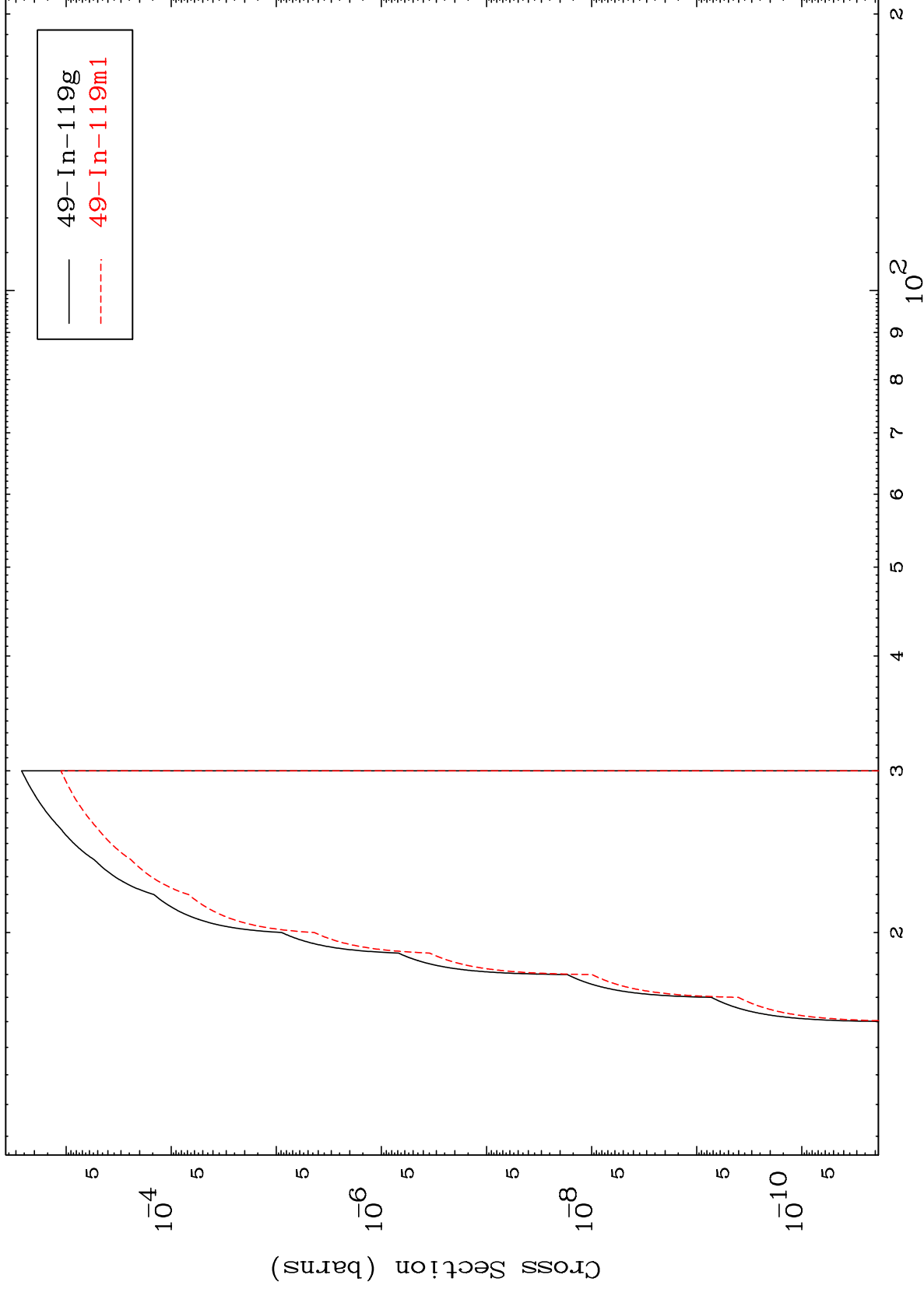


MAT 4861

( $\alpha, t$ )

48-Cd-118

Radionuclide Production Cross Section



20

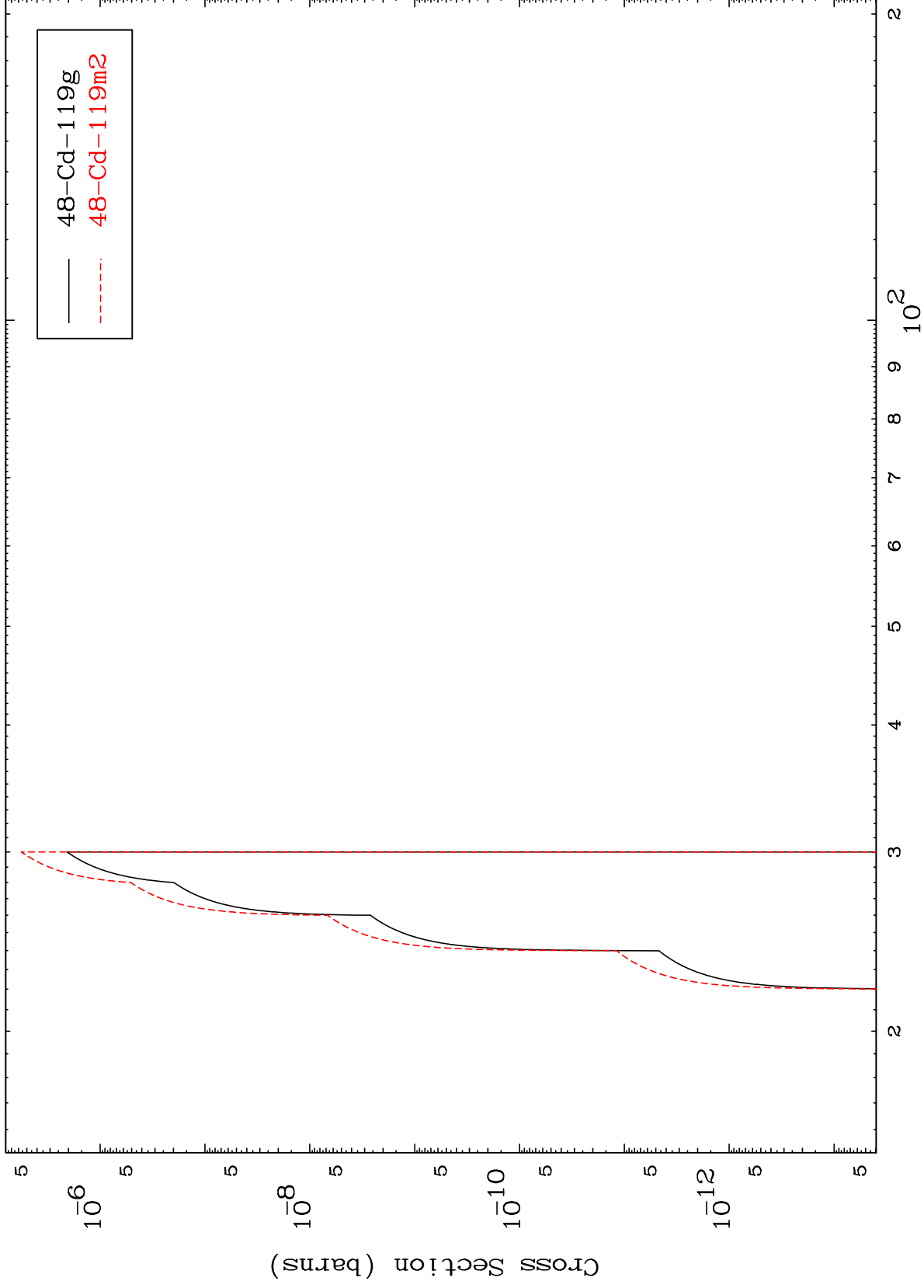
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

( $\alpha, \text{He-3}$ )  
Radionuclide Production Cross Section



21

48-Cd-118

Incident Energy (MeV)