

Program EVALPLOT  
(Version 2018-1)

by

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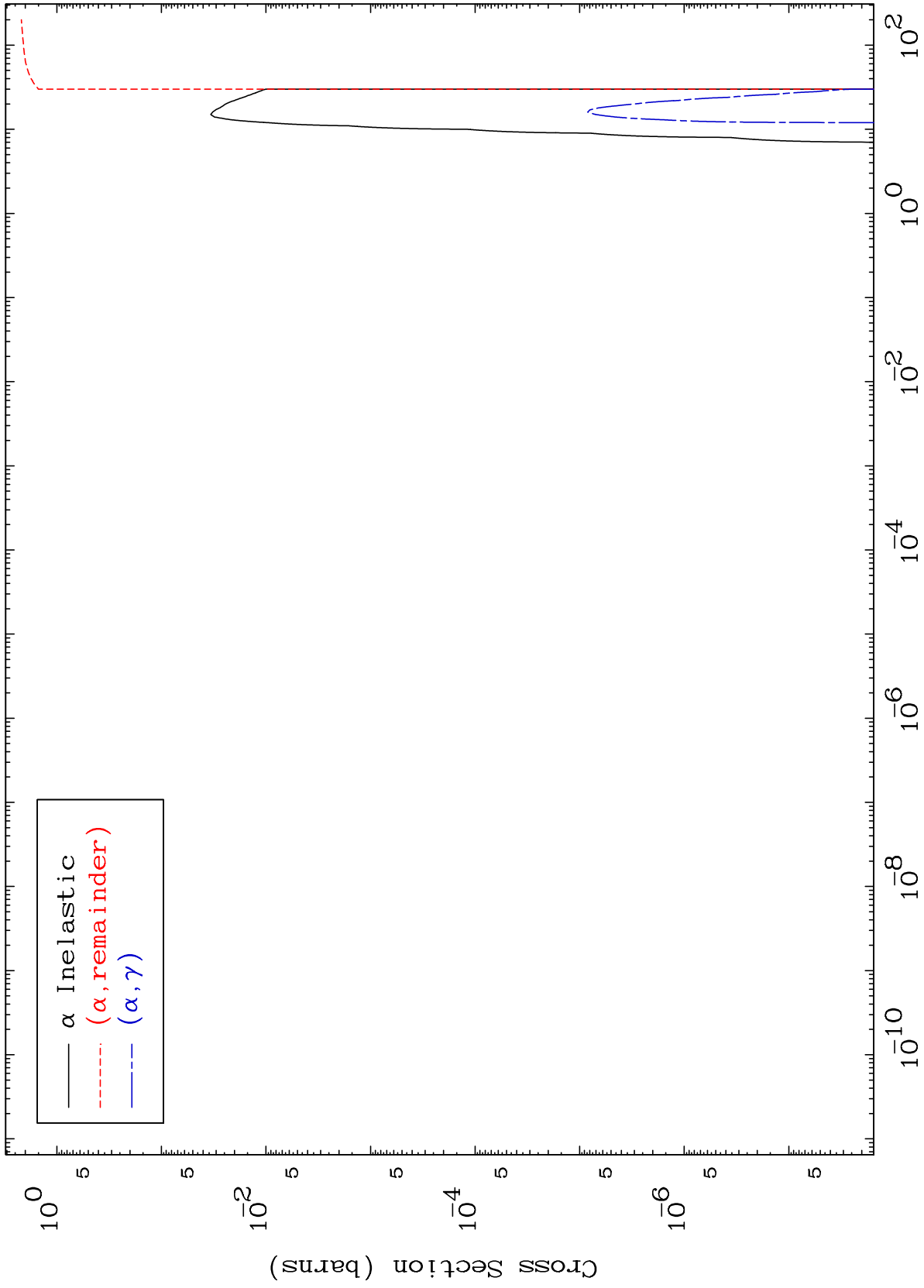
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4859

0 Kelvin  $\alpha$  Major  
Cross Sections

48-Cd-117



1

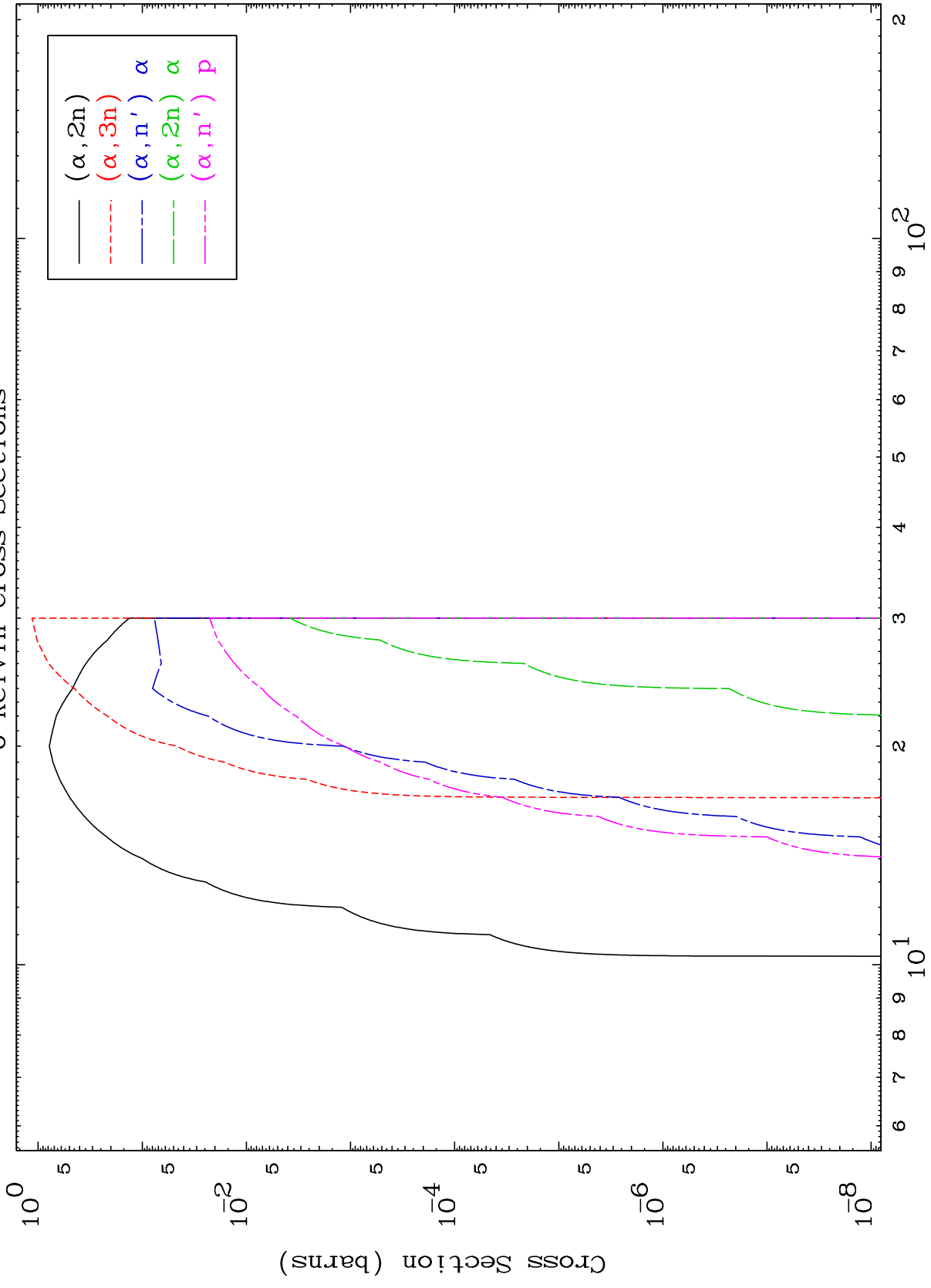
Incident Energy (MeV)

48-Cd-117

MAT 4859

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

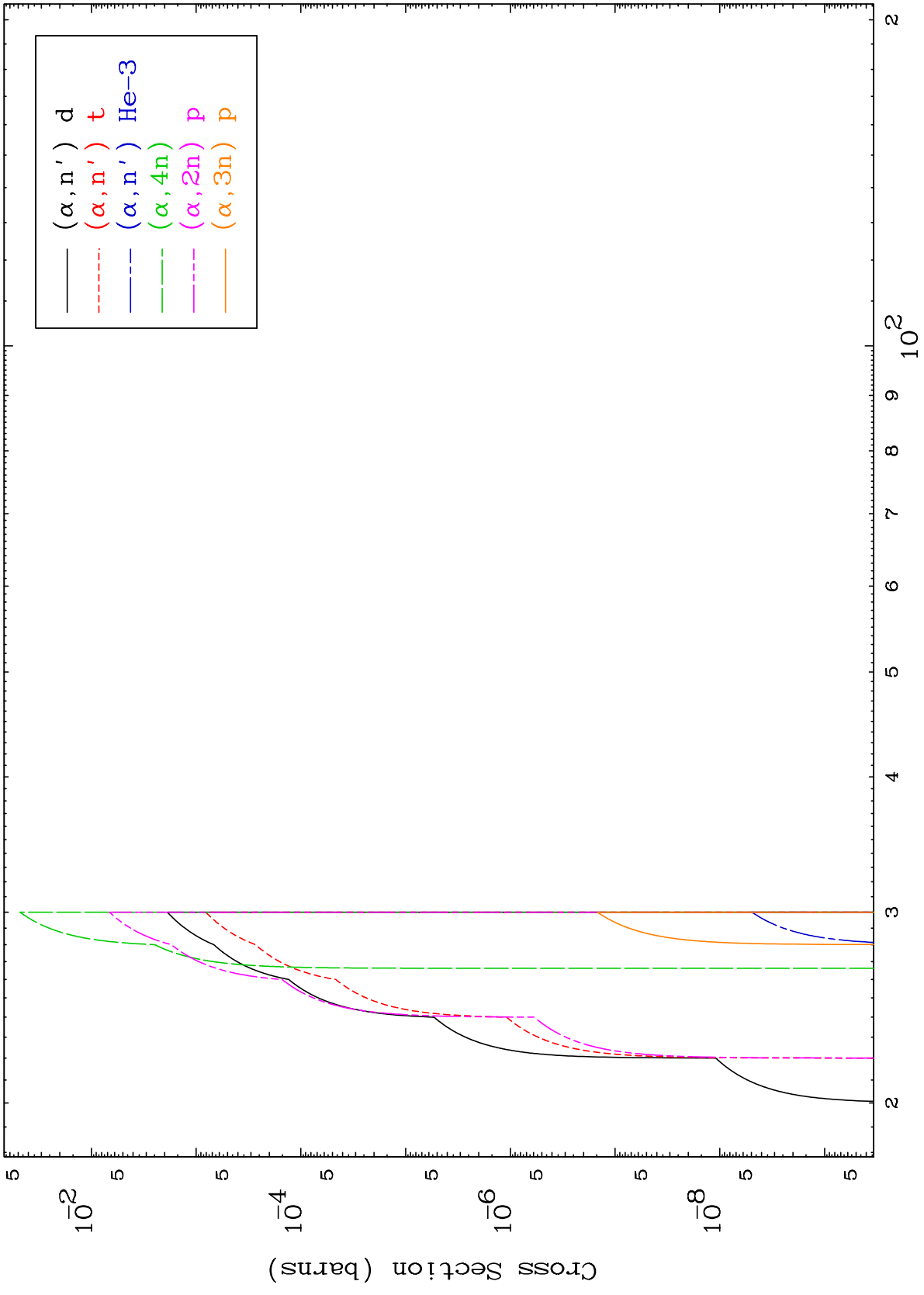
48-Cd-117



2

Incident Energy (MeV)

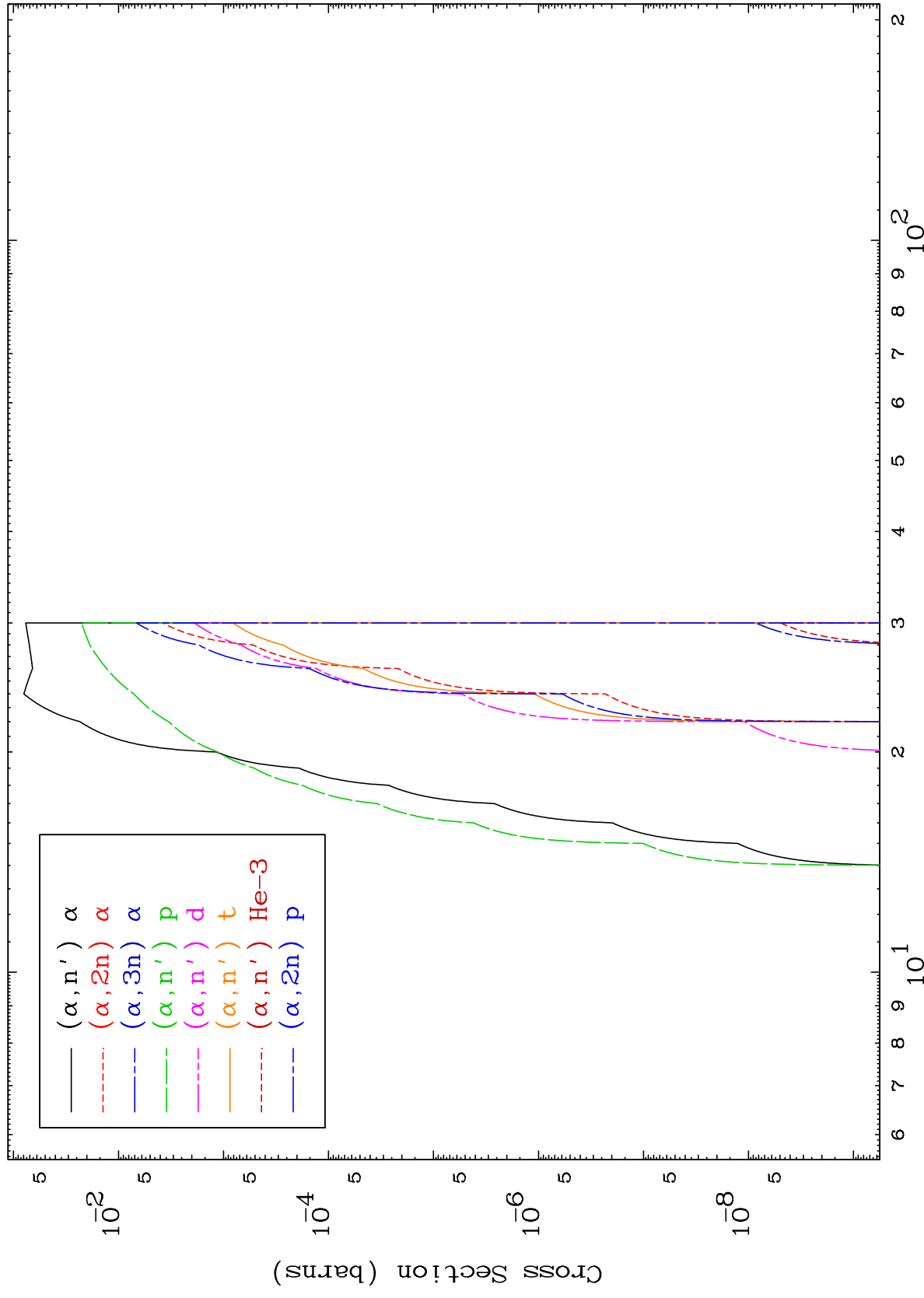
48-Cd-117



MAT 4859

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

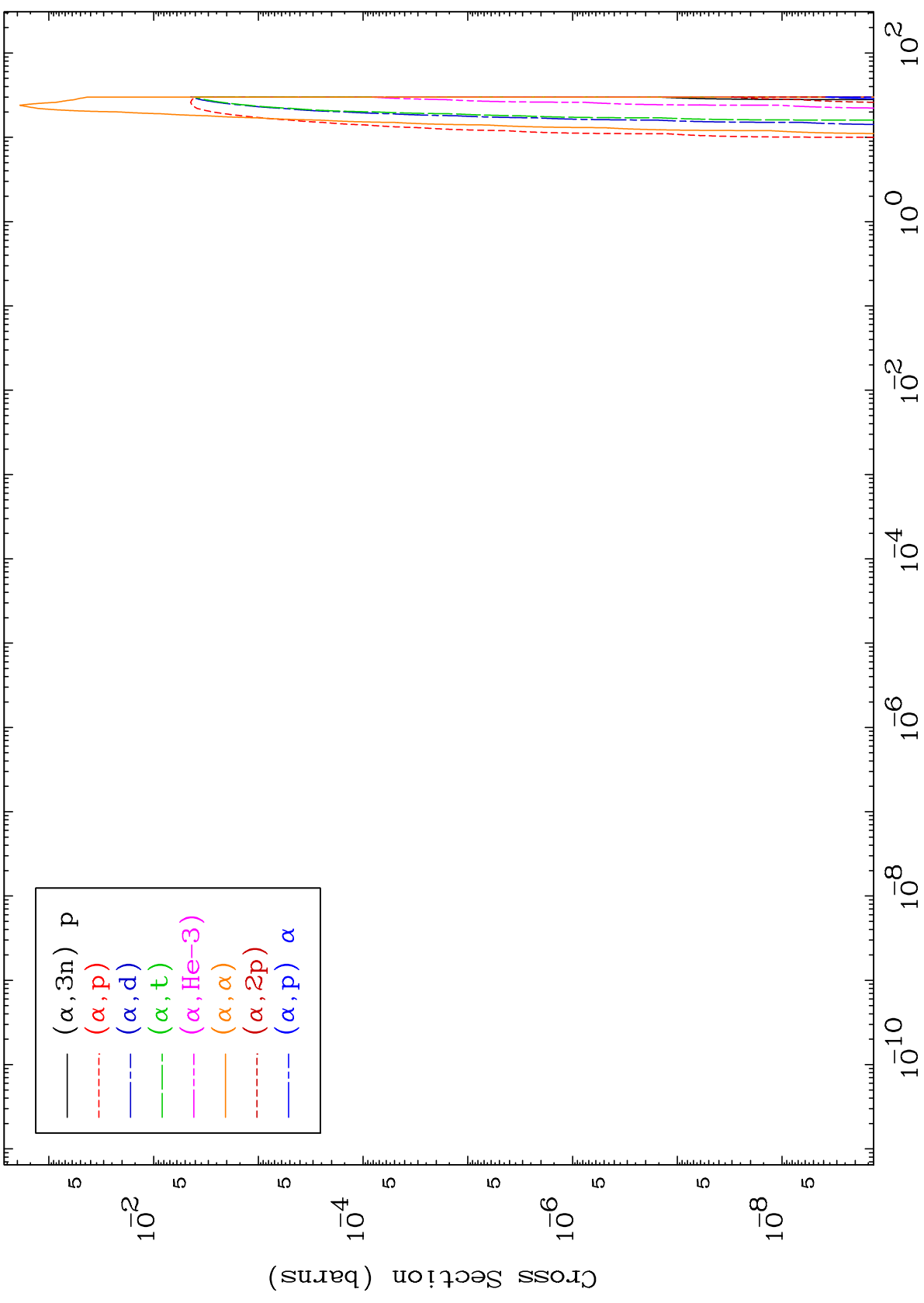
48-Cd-117



MAT 4859

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-117



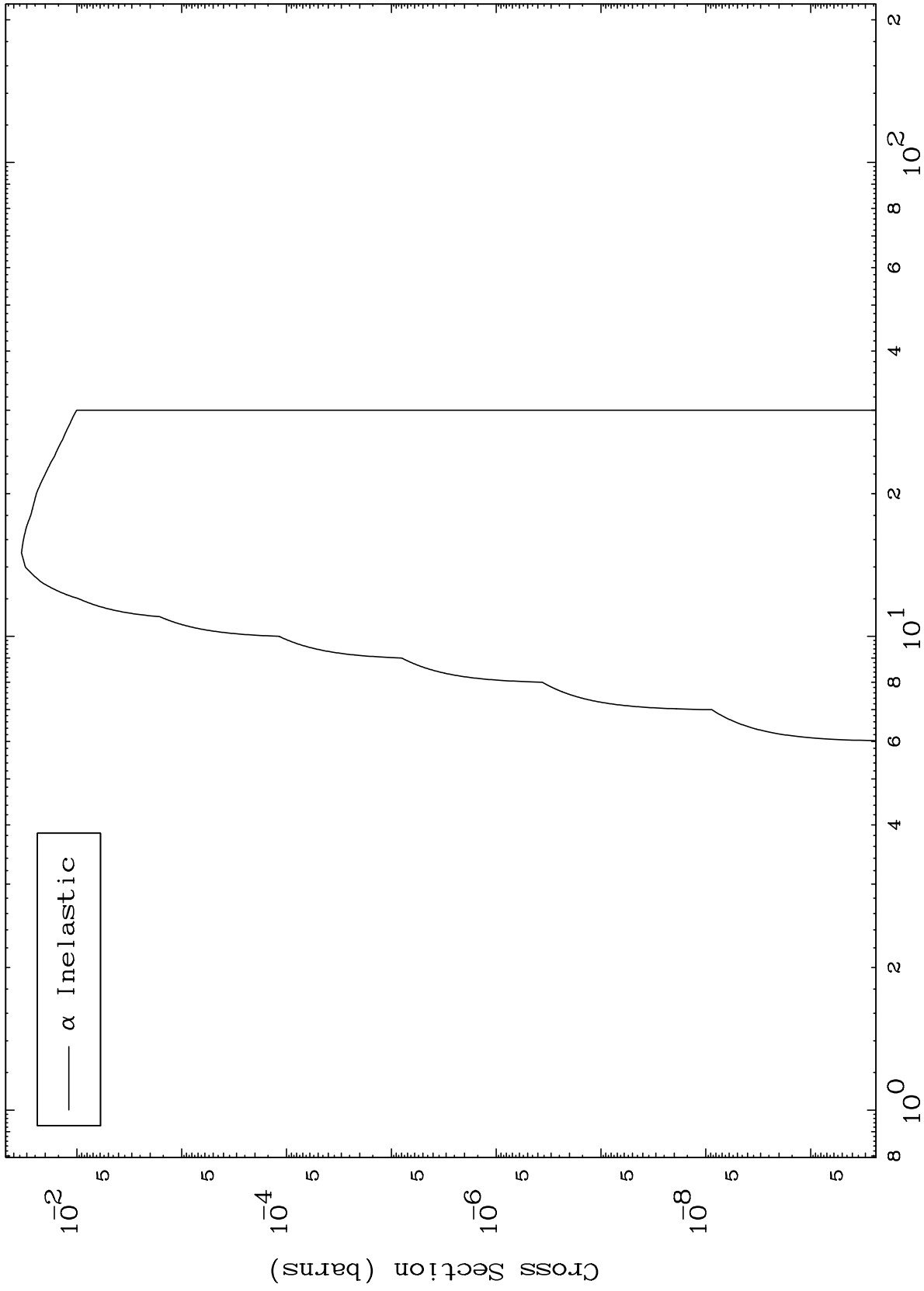
5

48-Cd-117

MAT 4859

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

48-Cd-117



6

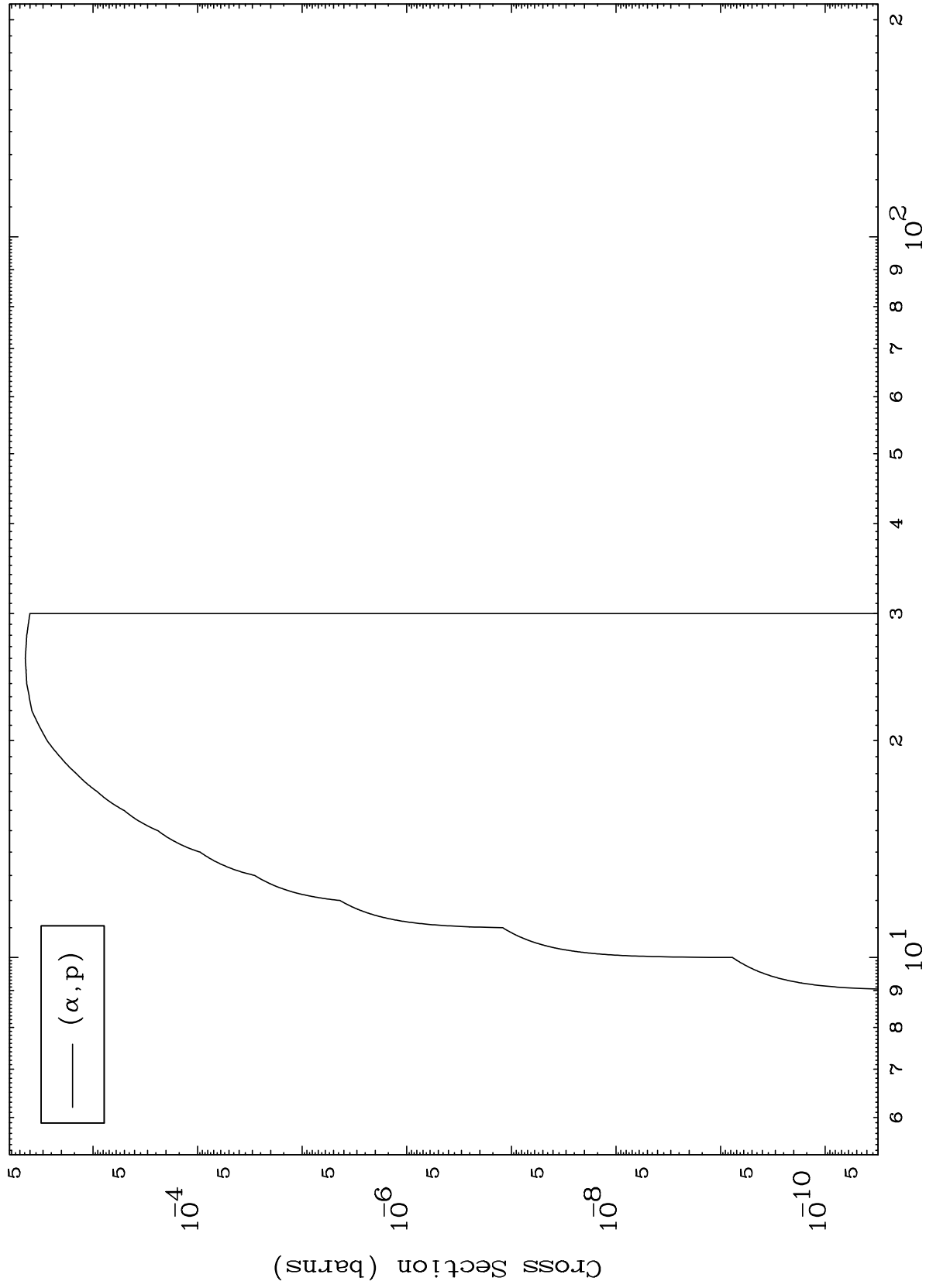
Incident Energy (MeV)

48-Cd-117

MAT 4859

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

48-Cd-117



7

Incident Energy (MeV)

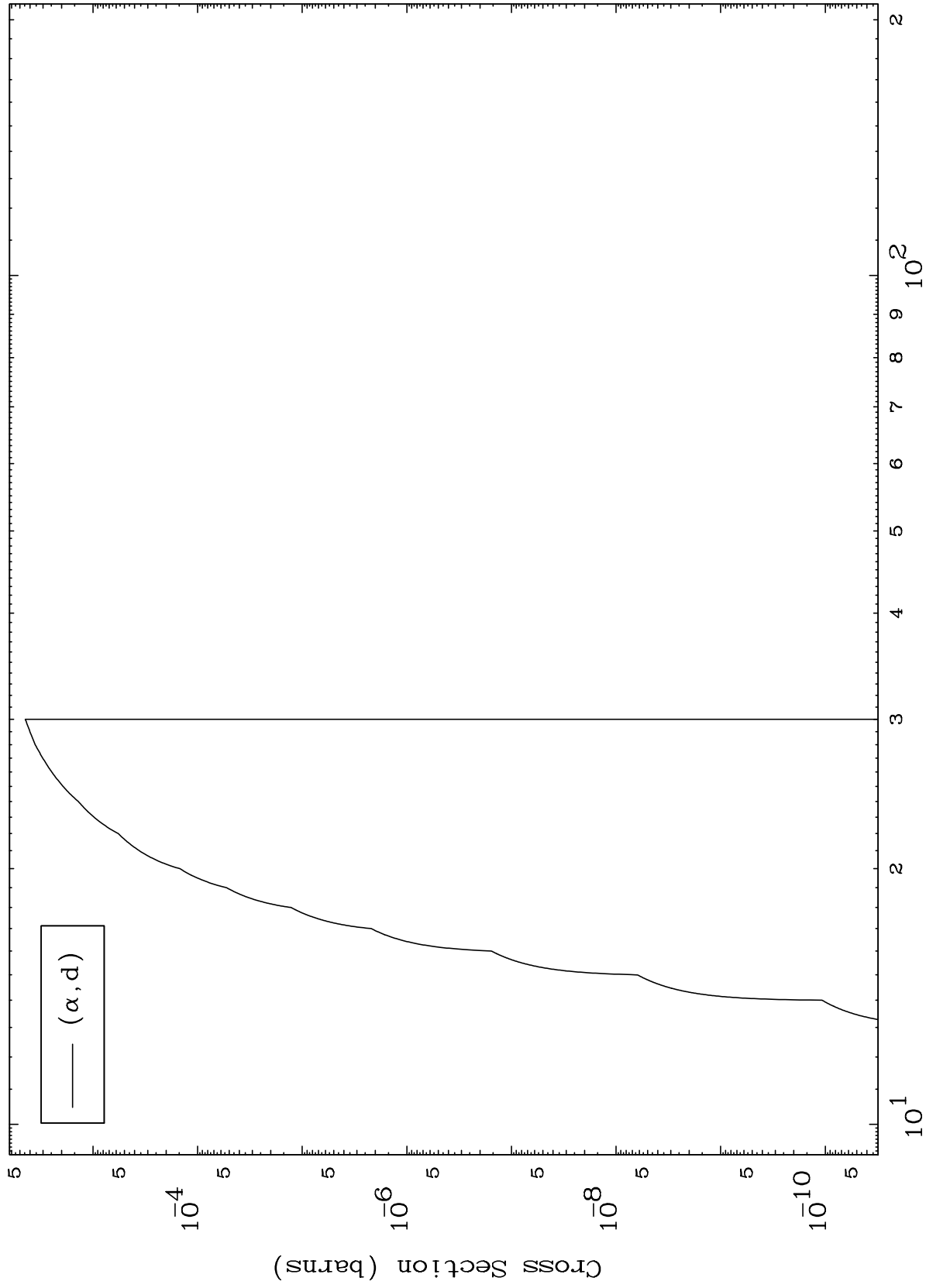
48-Cd-117



MAT 4859

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

48-Cd-117



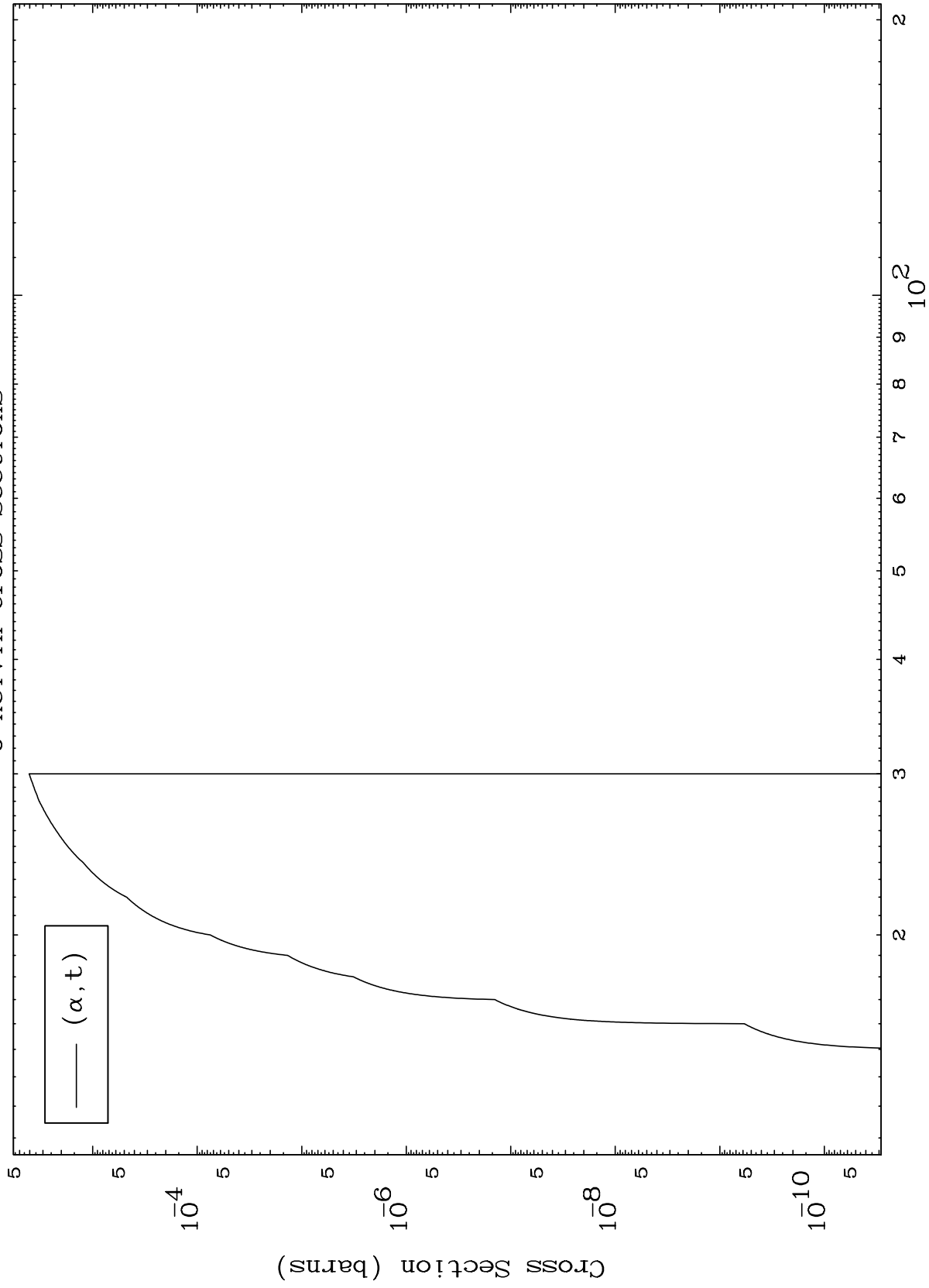
Incident Energy (MeV)

48-Cd-117

MAT 4859

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

48-Cd-117



9

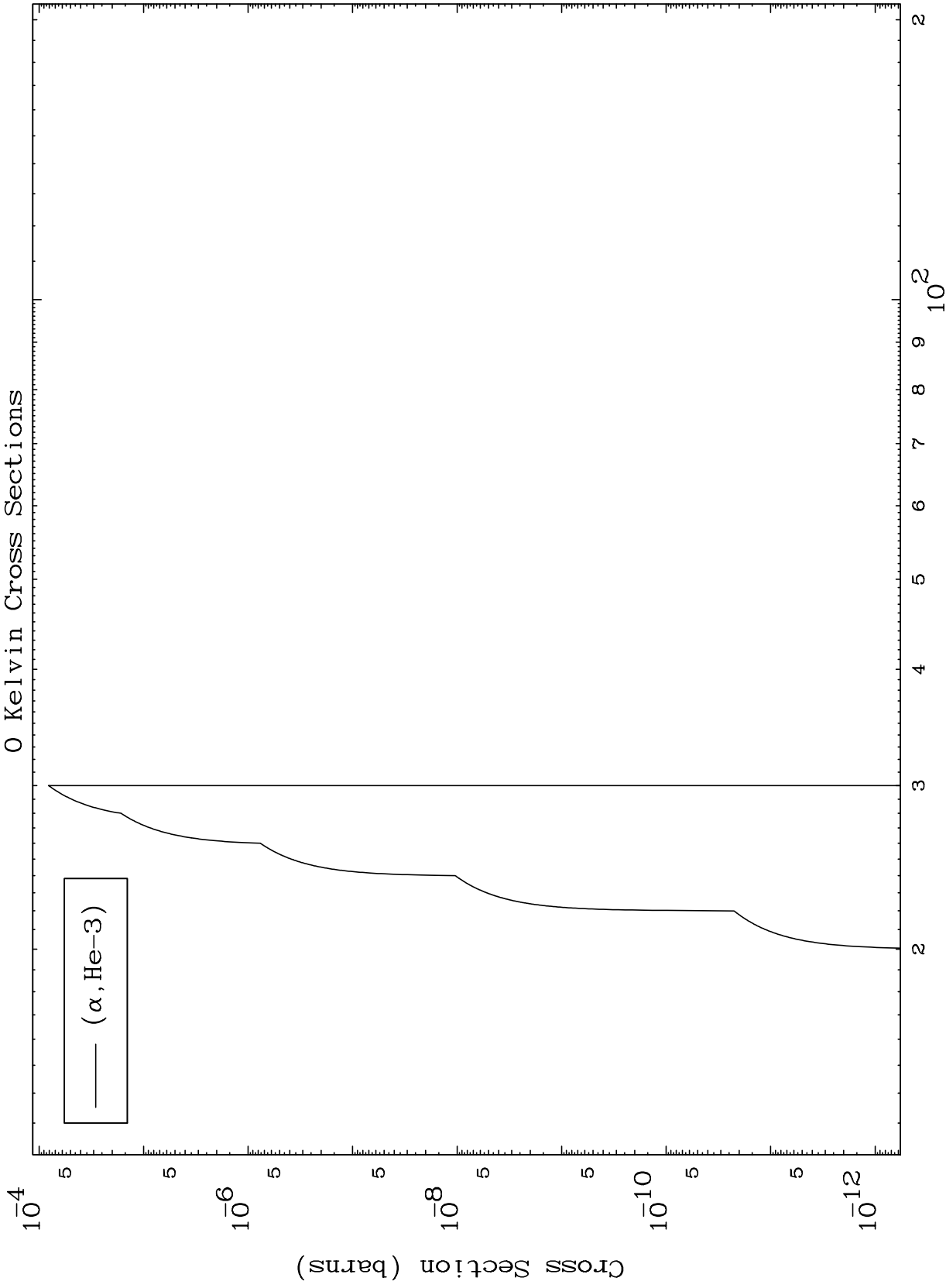
Incident Energy (MeV)

48-Cd-117

MAT 4859

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

48-Cd-117



10

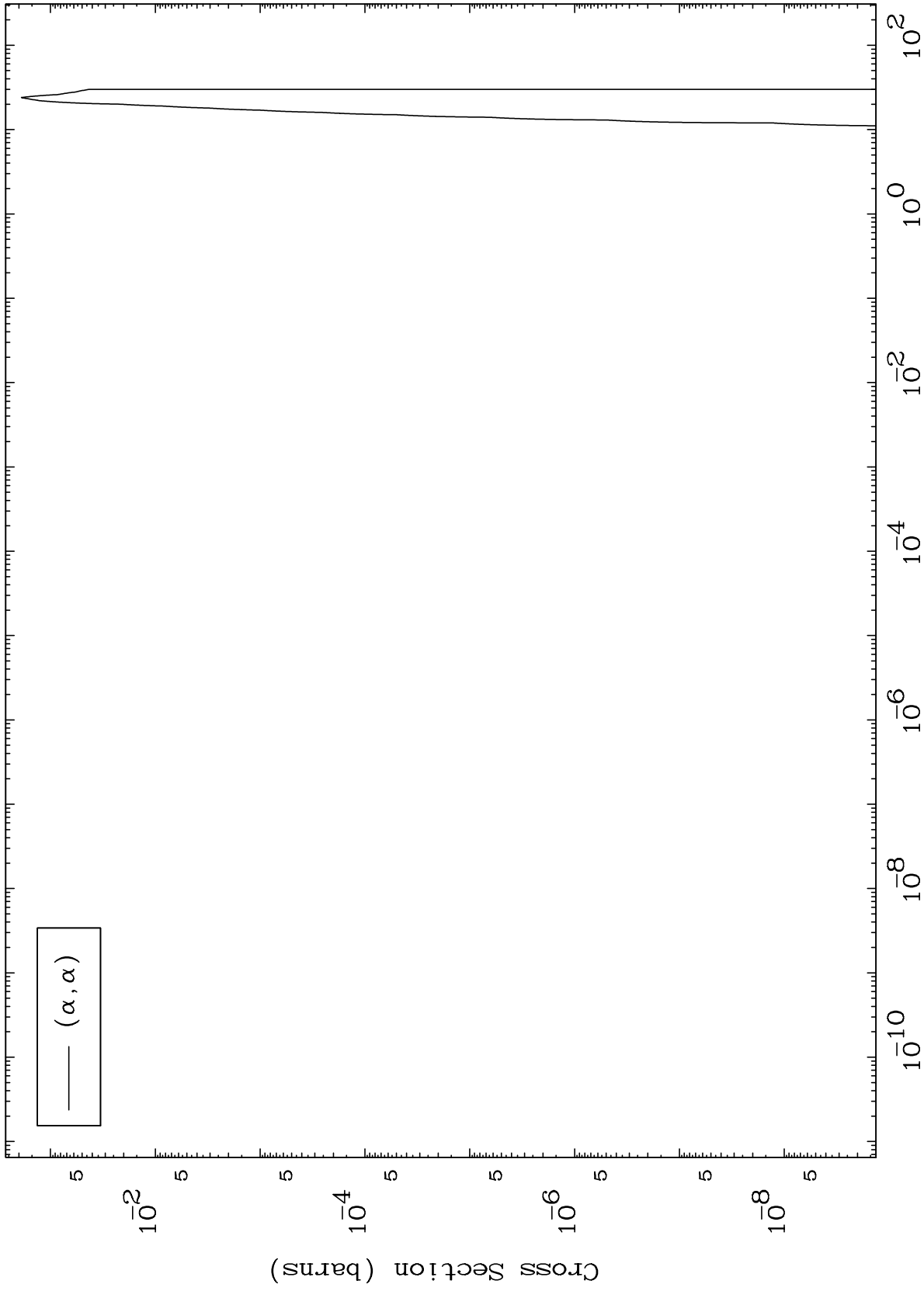
Incident Energy (MeV)

48-Cd-117

MAT 4859

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

48-Cd-117



11

Incident Energy (MeV)

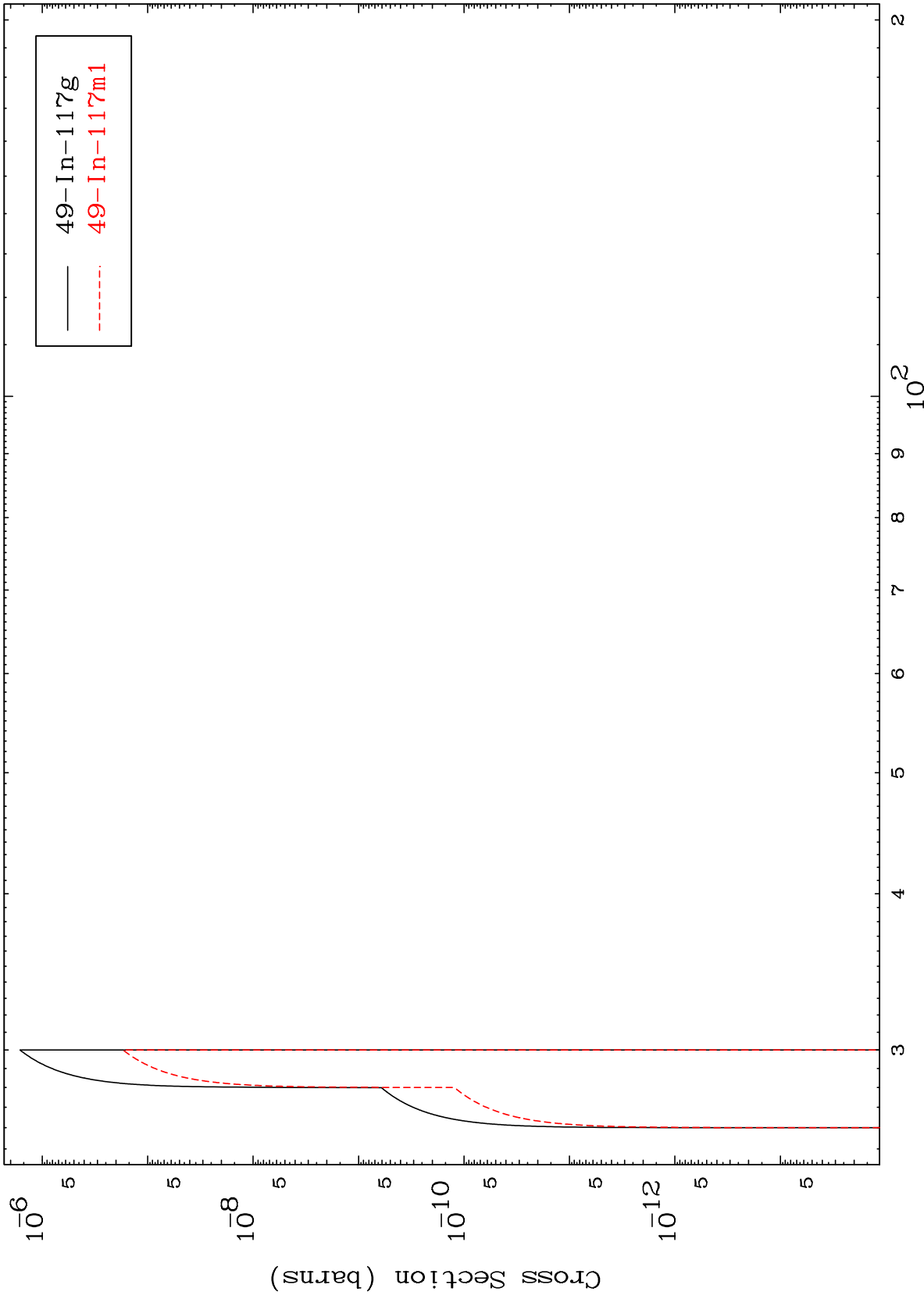
48-Cd-117

MAT 4859

( $\alpha, 2n$ ) d

48-Cd-117

Radionuclide Production Cross Section



12

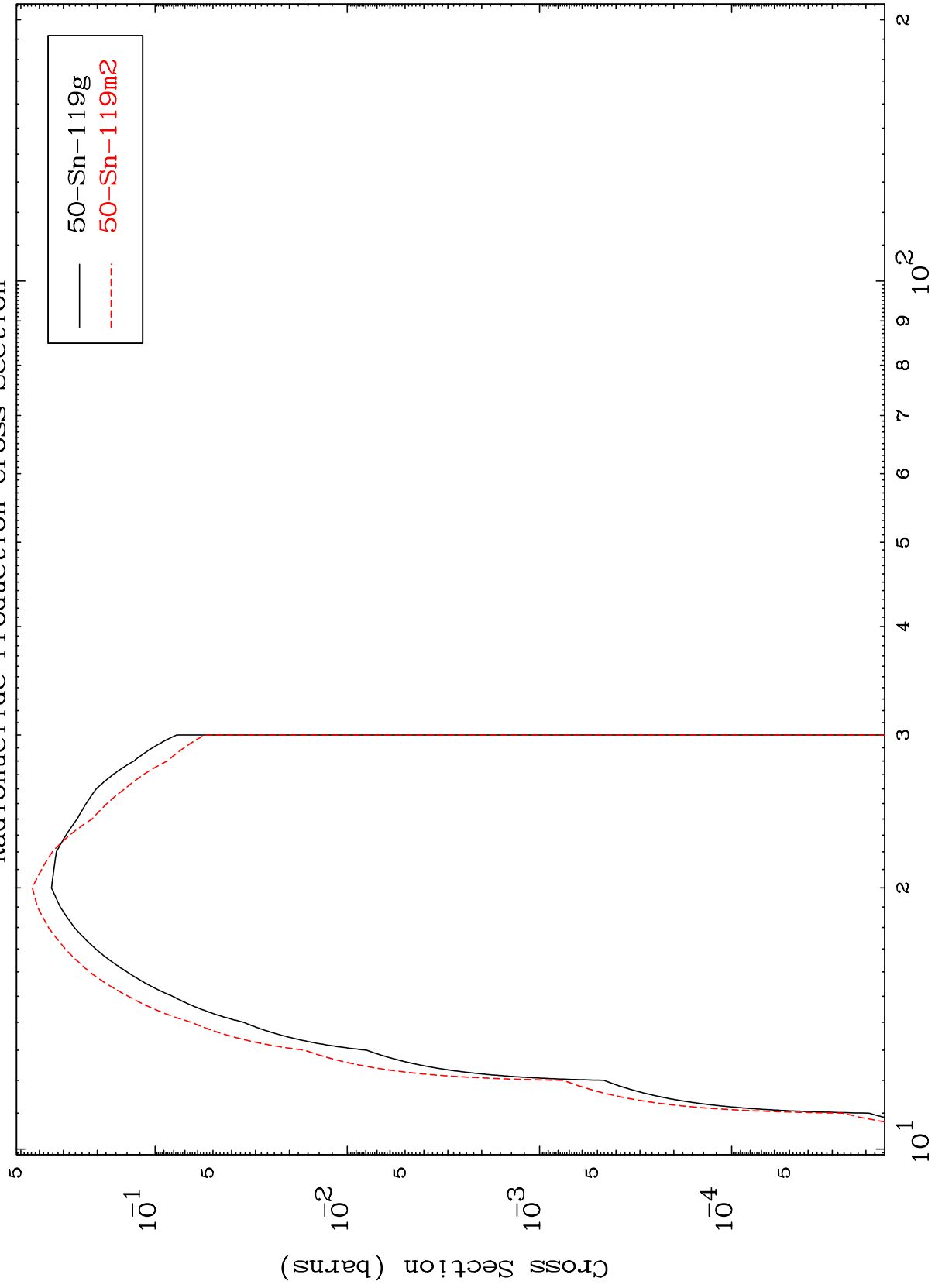
Incident Energy (MeV)

48-Cd-117

MAT 4859

48-Cd-117

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



13

Incident Energy (MeV)

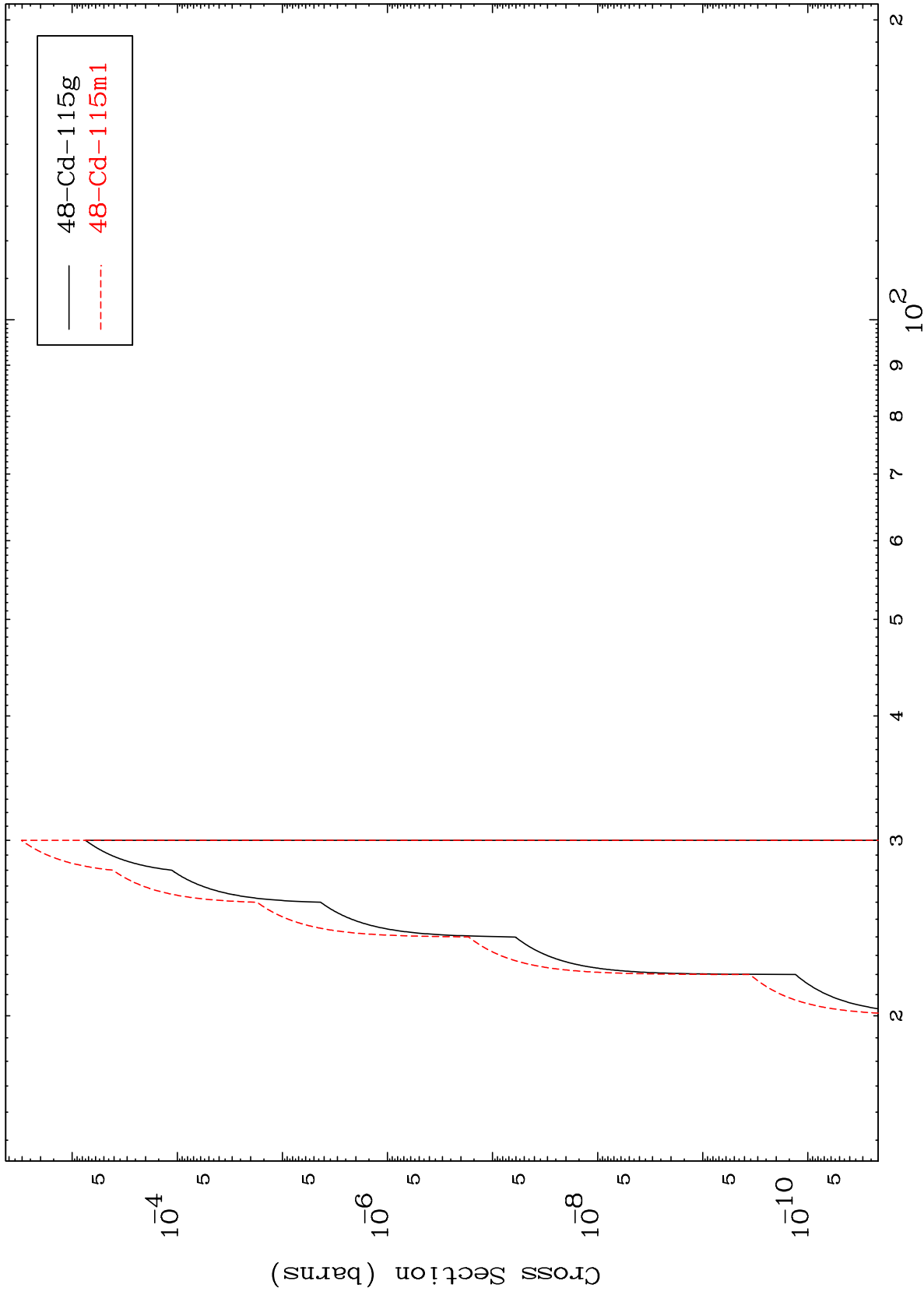
48-Cd-117

MAT 4859

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

48-Cd-117

Radionuclide Production Cross Section



14

Incident Energy (MeV)

48-Cd-117



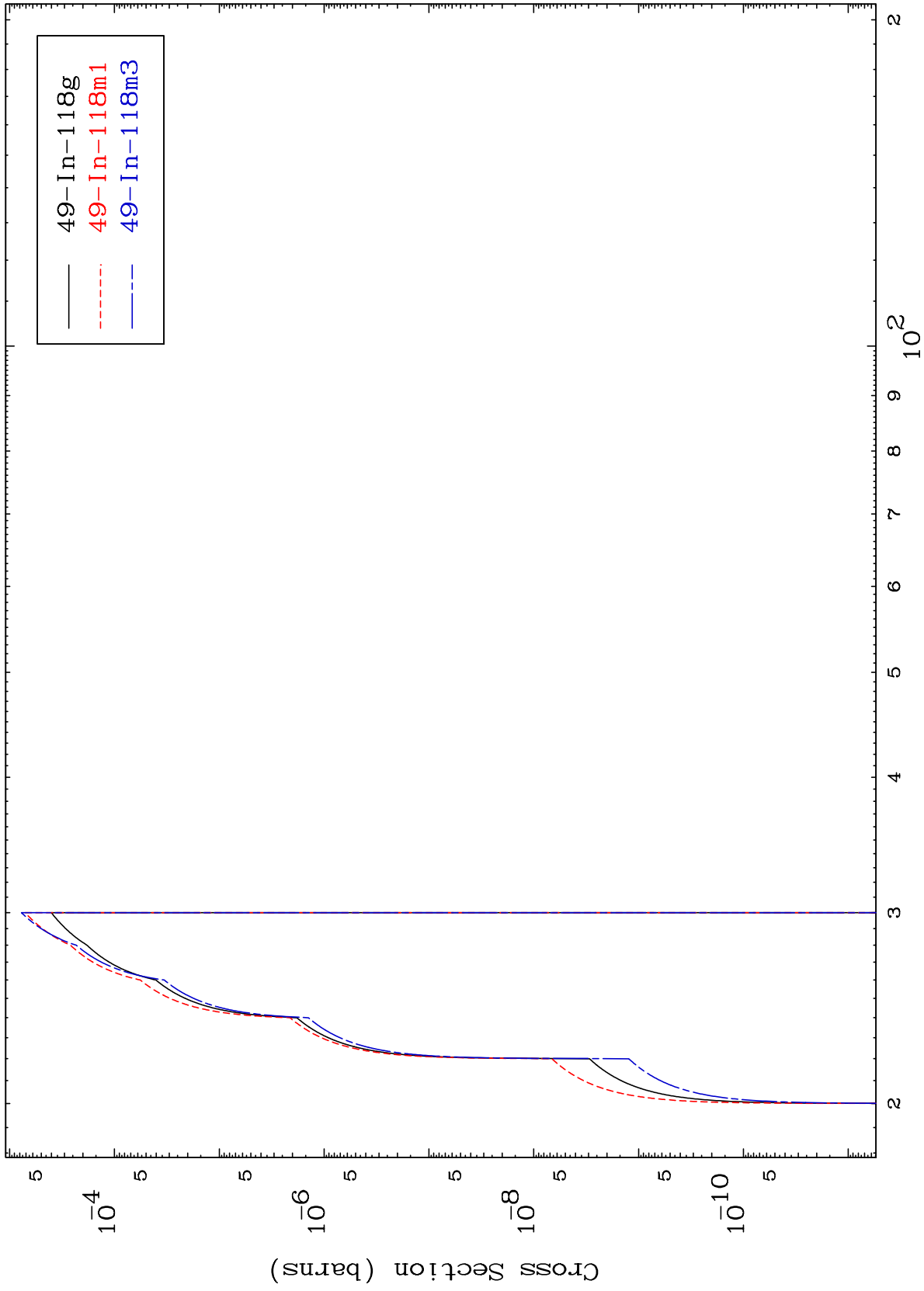


MAT 4859

( $\alpha, n'$ ) d

48-Cd-117

Radionuclide Production Cross Section



16

Incident Energy (MeV)

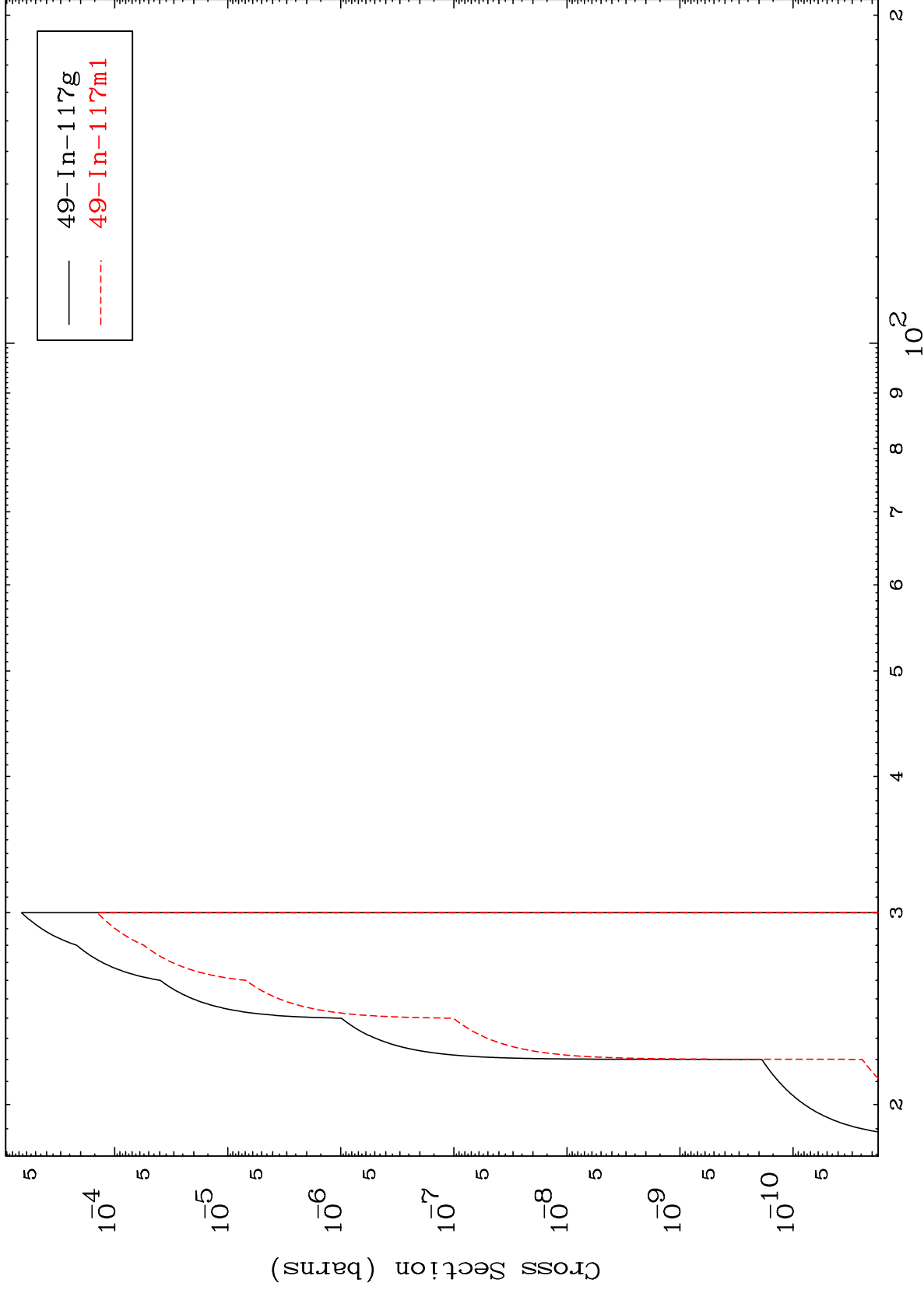
48-Cd-117

MAT 4859

( $\alpha, n'$ ) t

48-Cd-117

Radionuclide Production Cross Section



17

Incident Energy (MeV)

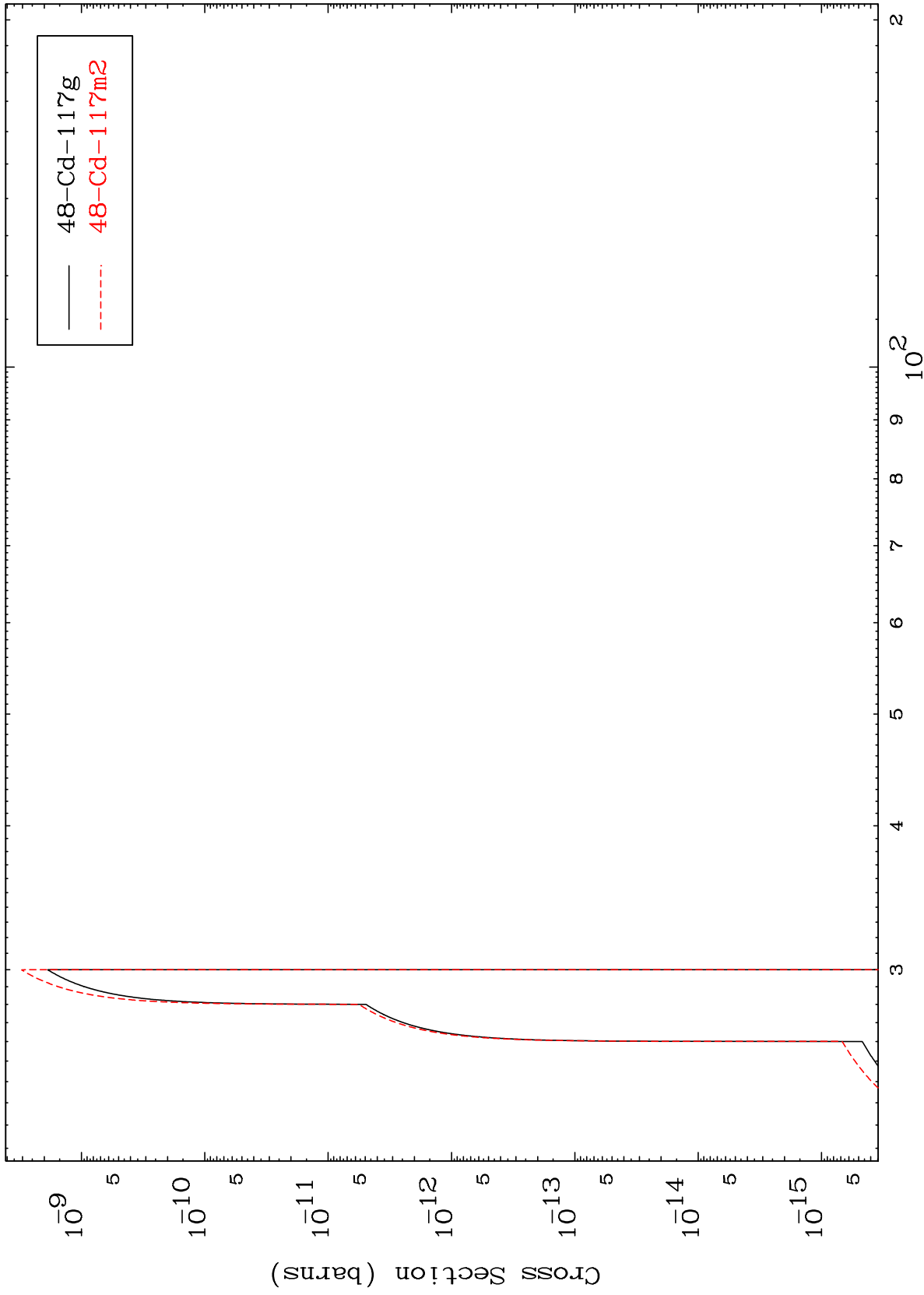
48-Cd-117

MAT 4859

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

48-Cd-117

Radionuclide Production Cross Section



18

Incident Energy (MeV)

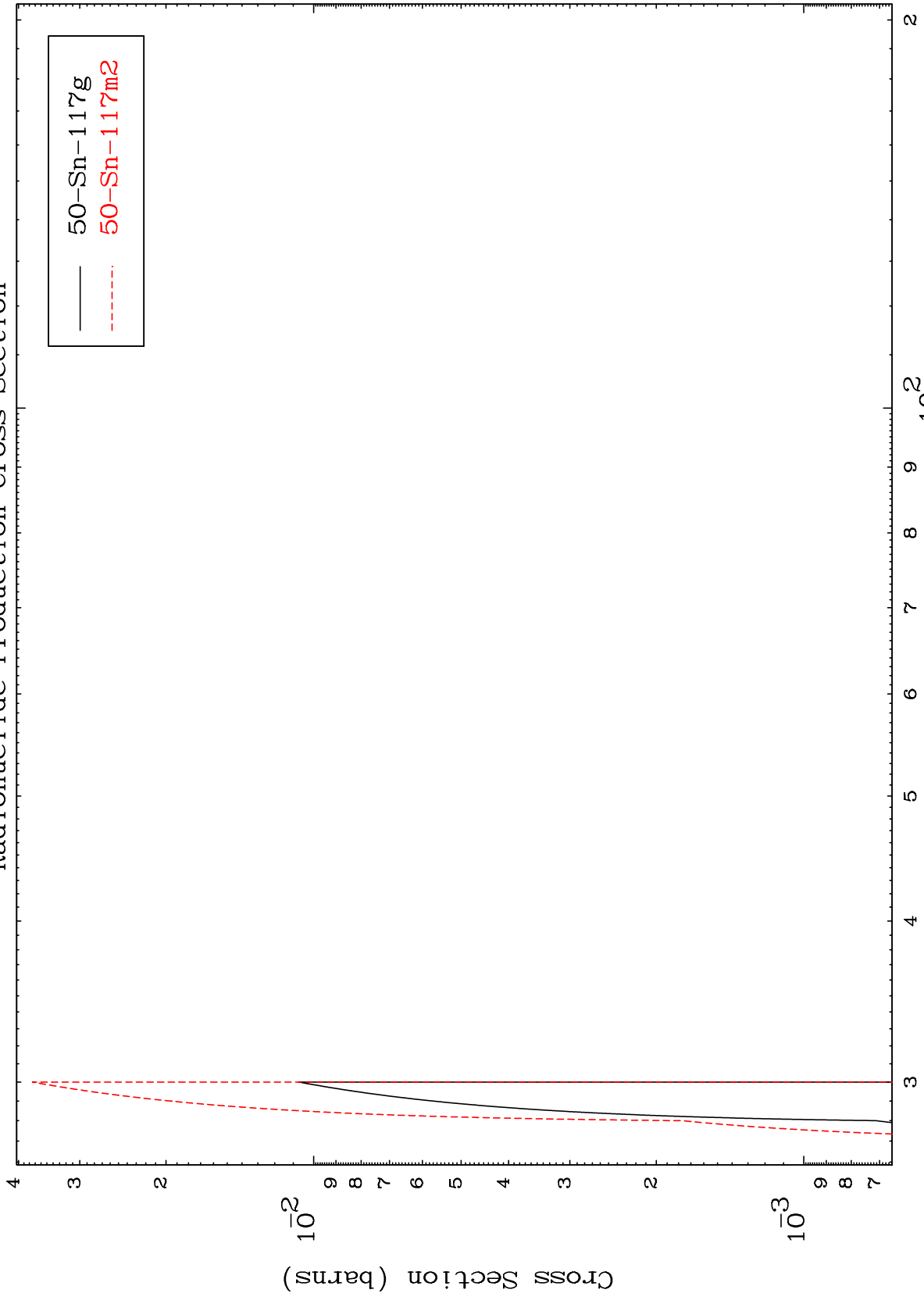
48-Cd-117

MAT 4859

( $\alpha, 4n$ )

48-Cd-117

Radionuclide Production Cross Section



50-Sn-117g  
50-Sn-117m2

19

Incident Energy (MeV)

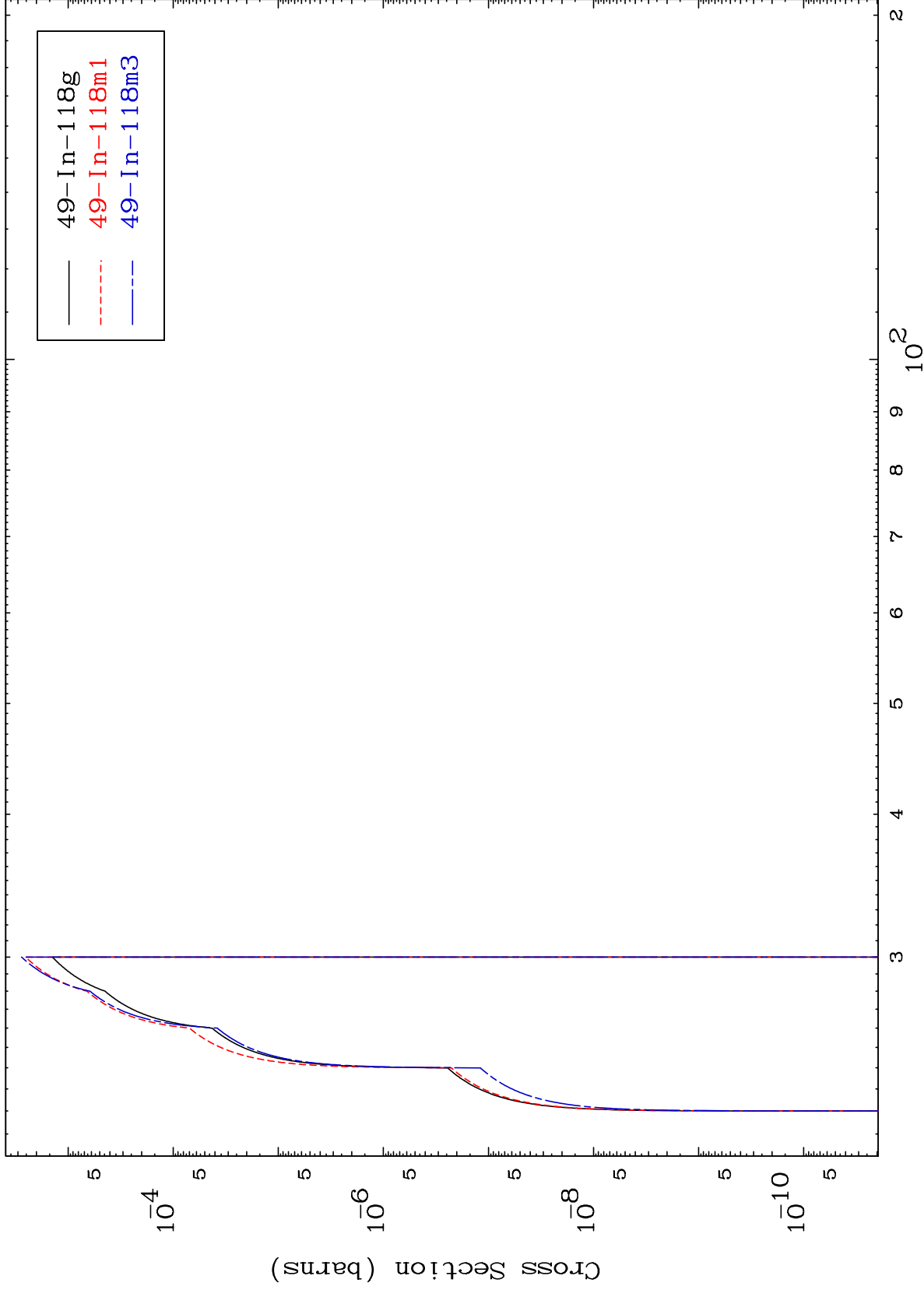
48-Cd-117

MAT 4859

( $\alpha, 2n$ ) p

48-Cd-117

Radionuclide Production Cross Section



20

Incident Energy (MeV)

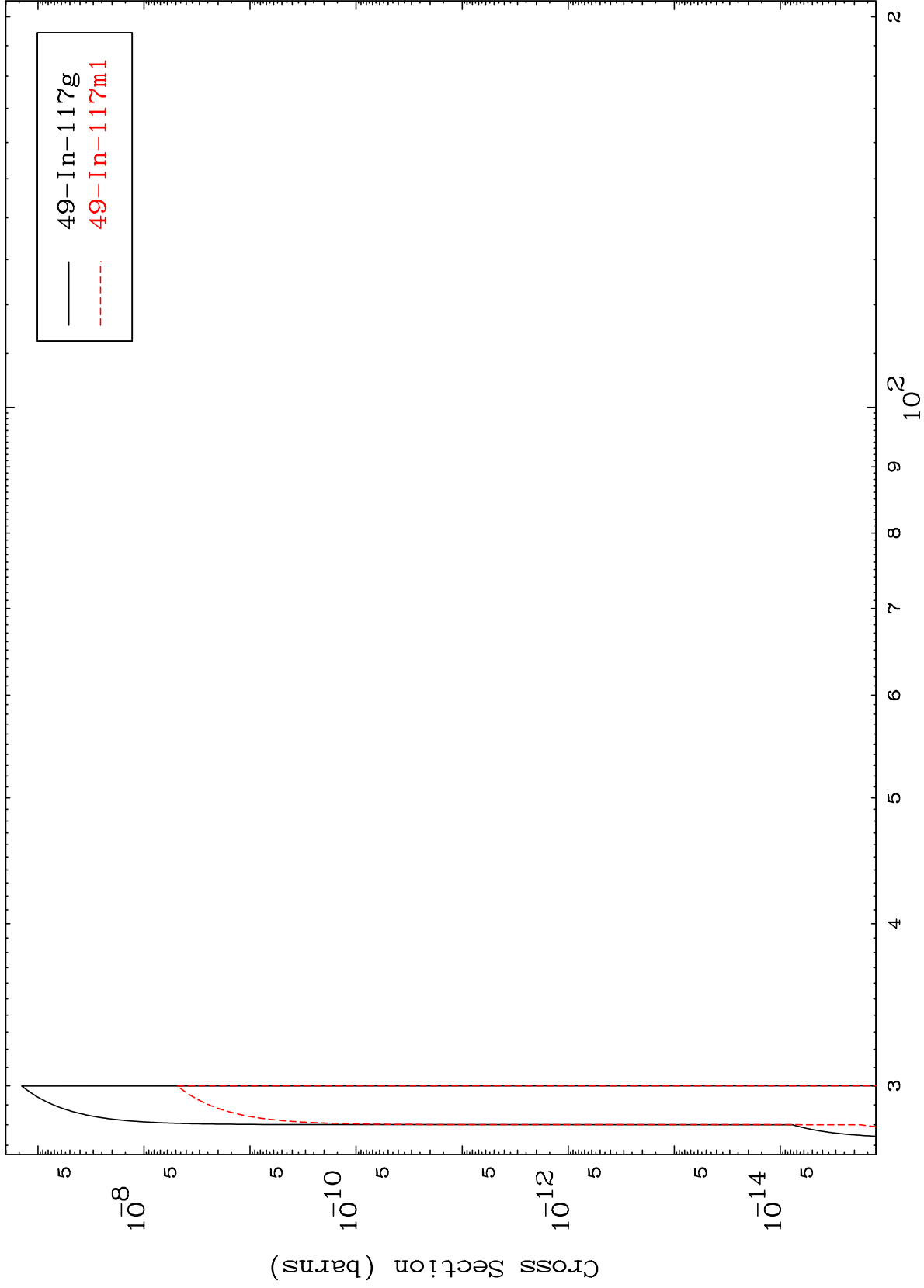
48-Cd-117

MAT 4859

( $\alpha, 3n$ ) p

48-Cd-117

Radionuclide Production Cross Section



21

Incident Energy (MeV)

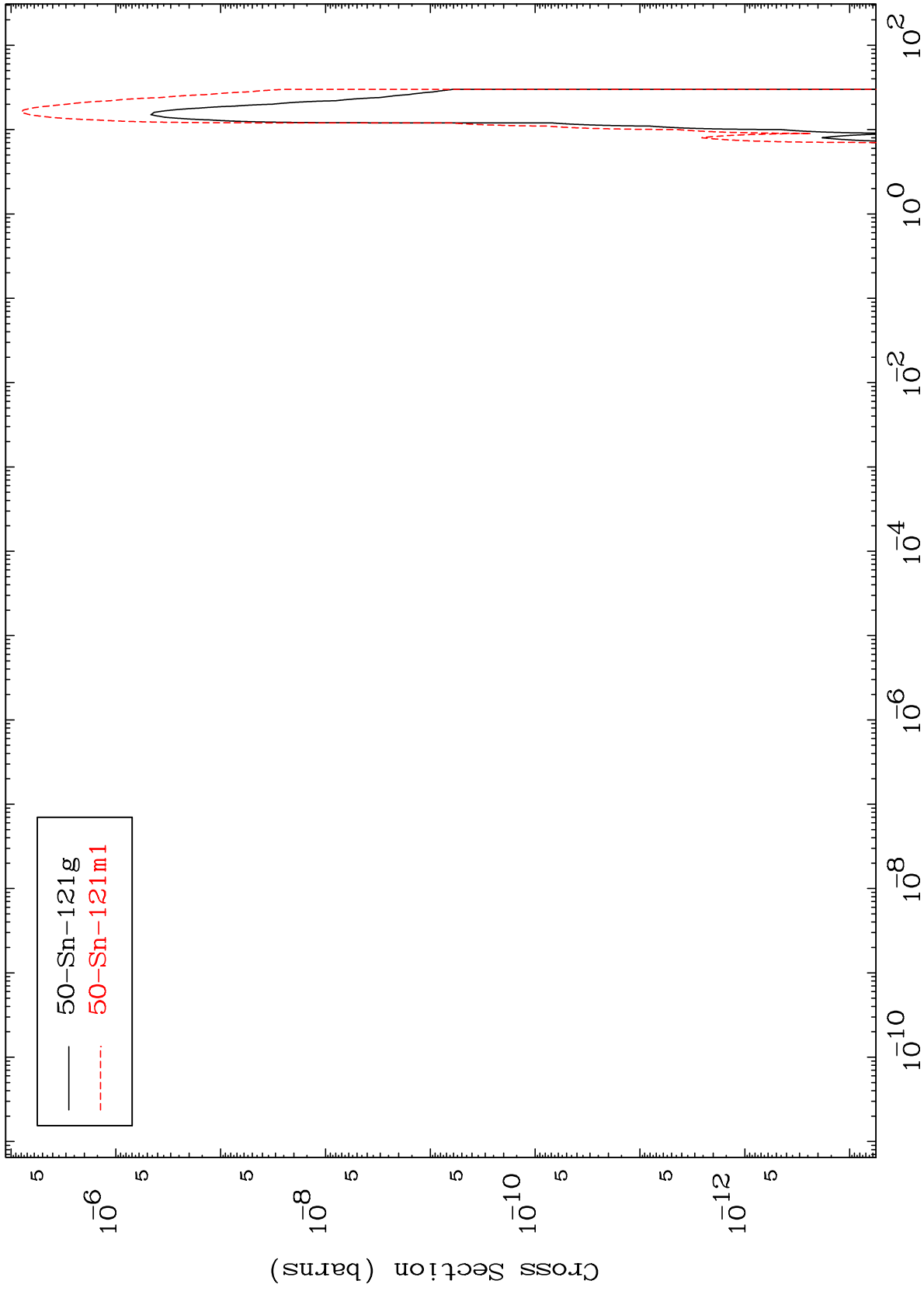
48-Cd-117

MAT 4859

( $\alpha, \gamma$ )

48-Cd-117

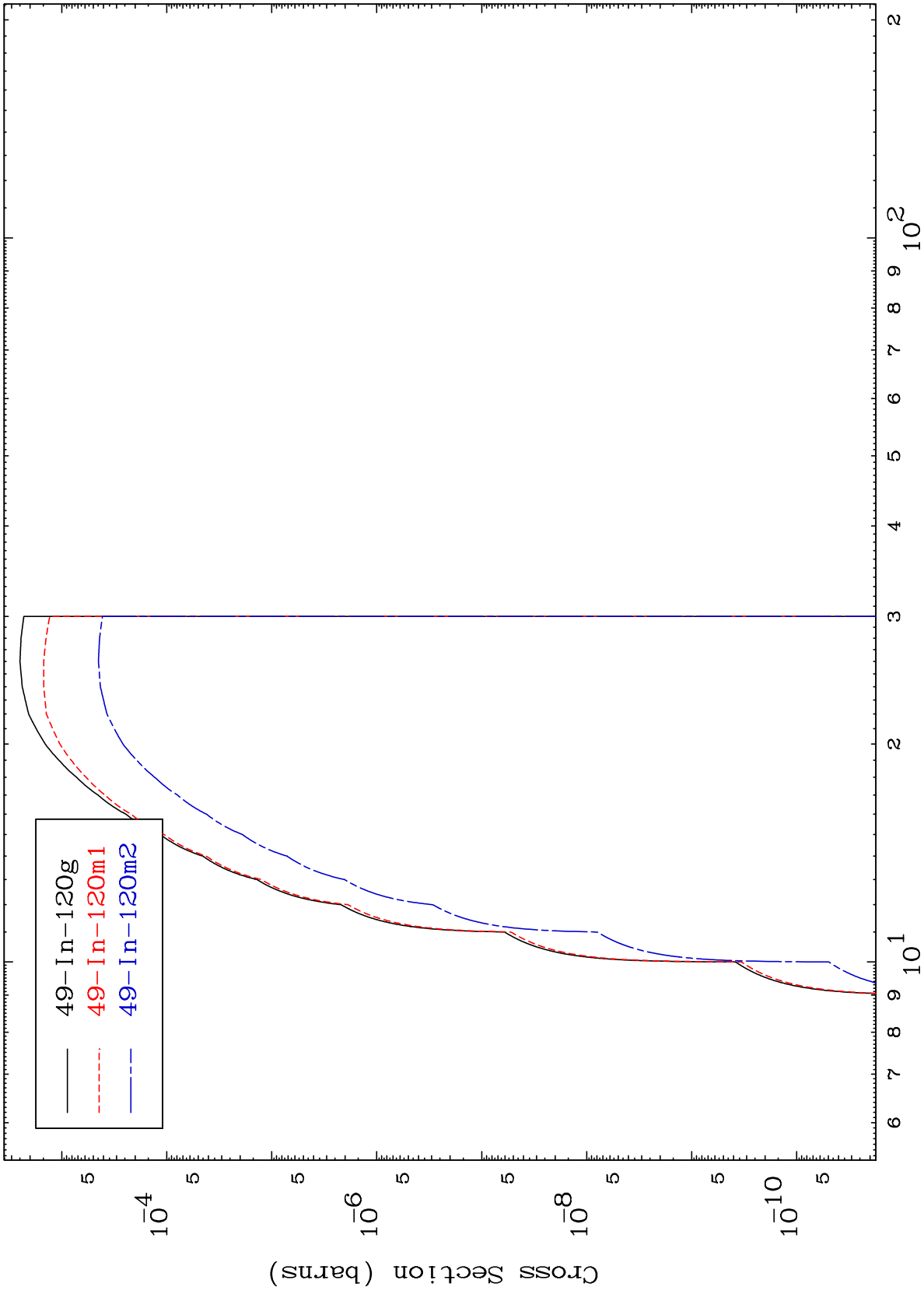
Radionuclide Production Cross Section



MAT 4859

48-Cd-117

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



49-In-120g  
49-In-120m1  
49-In-120m2

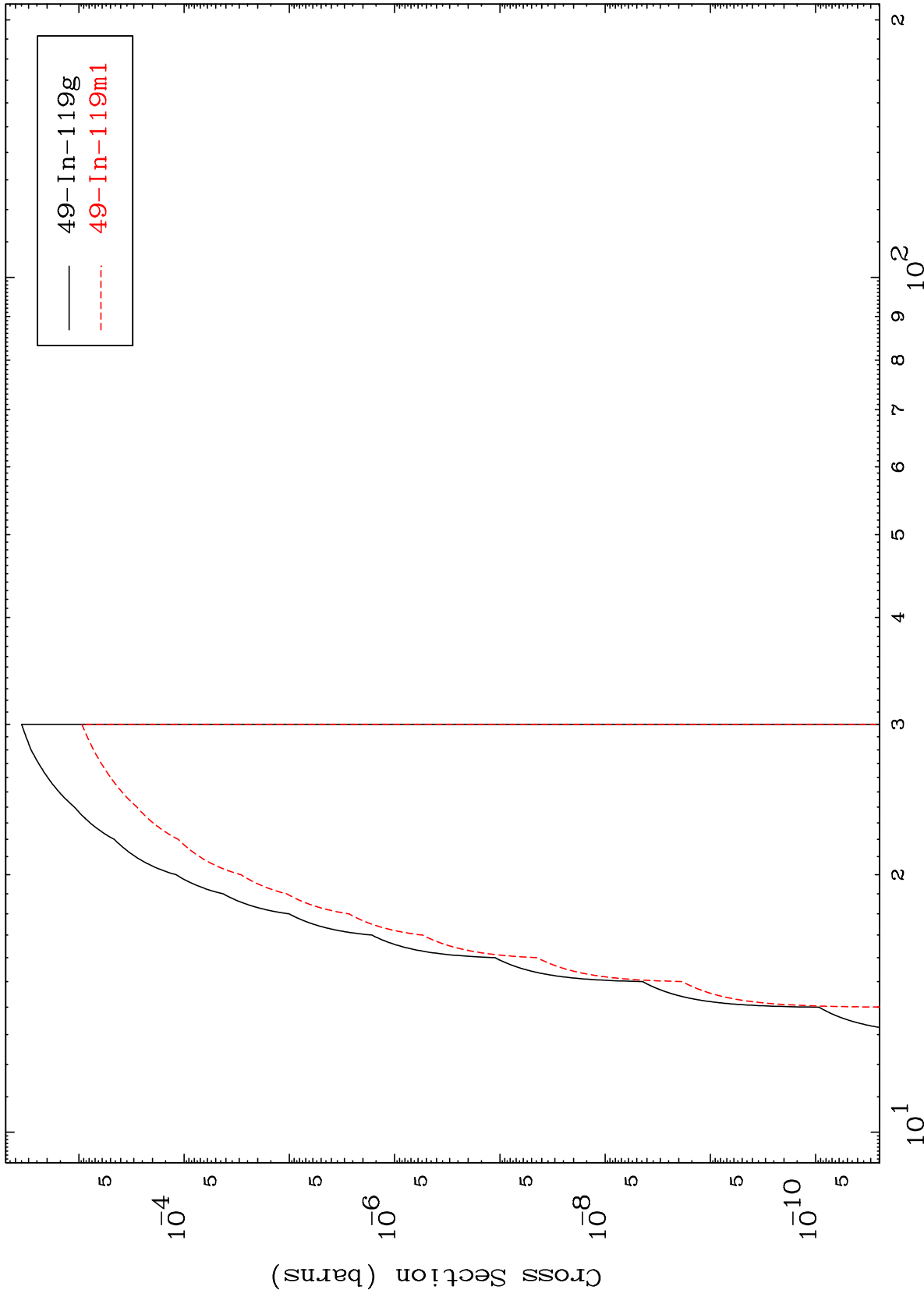


MAT 4859

( $\alpha, d$ )

48-Cd-117

Radionuclide Production Cross Section



24

Incident Energy (MeV)

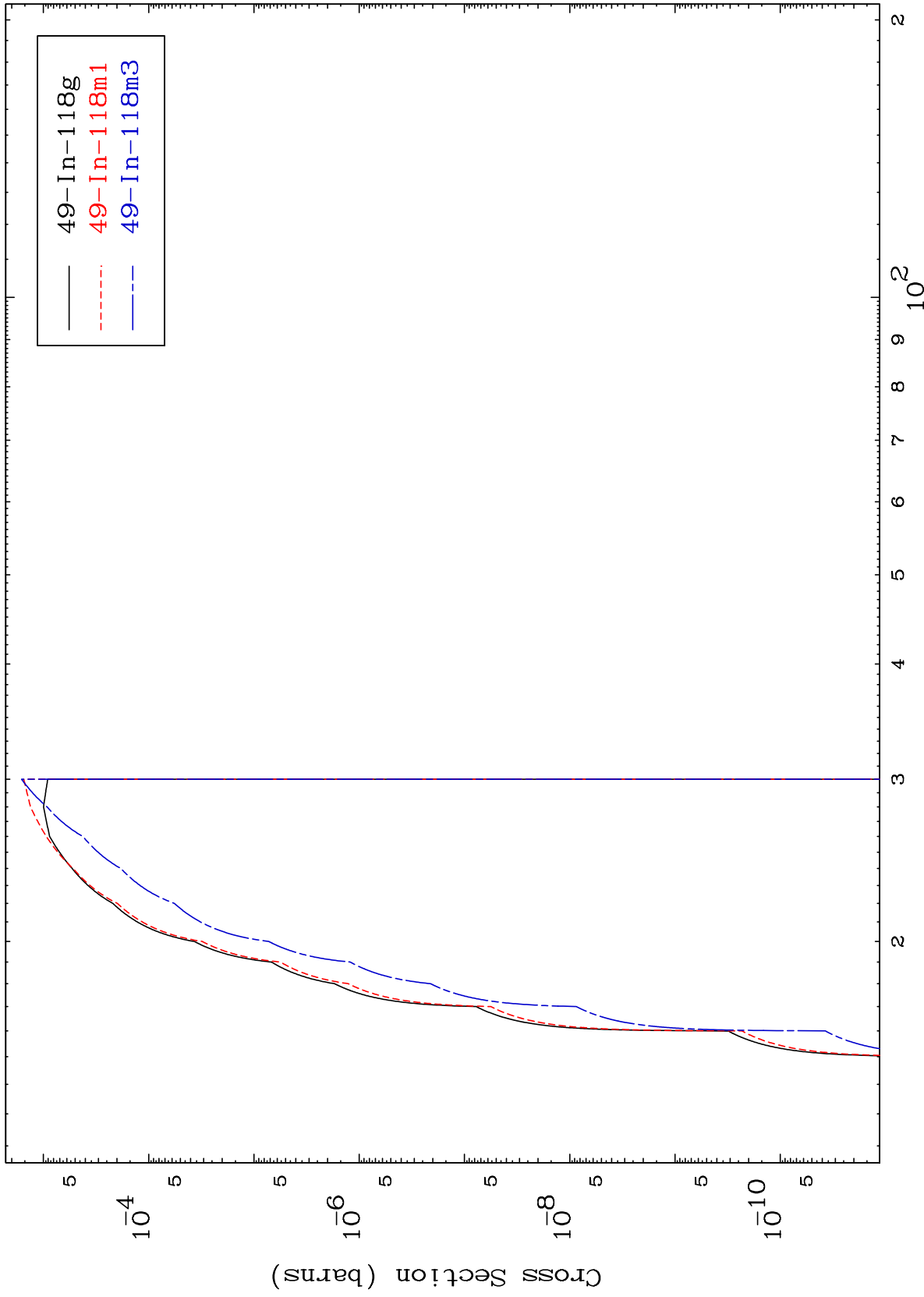
48-Cd-117

MAT 4859

( $\alpha, t$ )

48-Cd-117

Radionuclide Production Cross Section



25

Incident Energy (MeV)

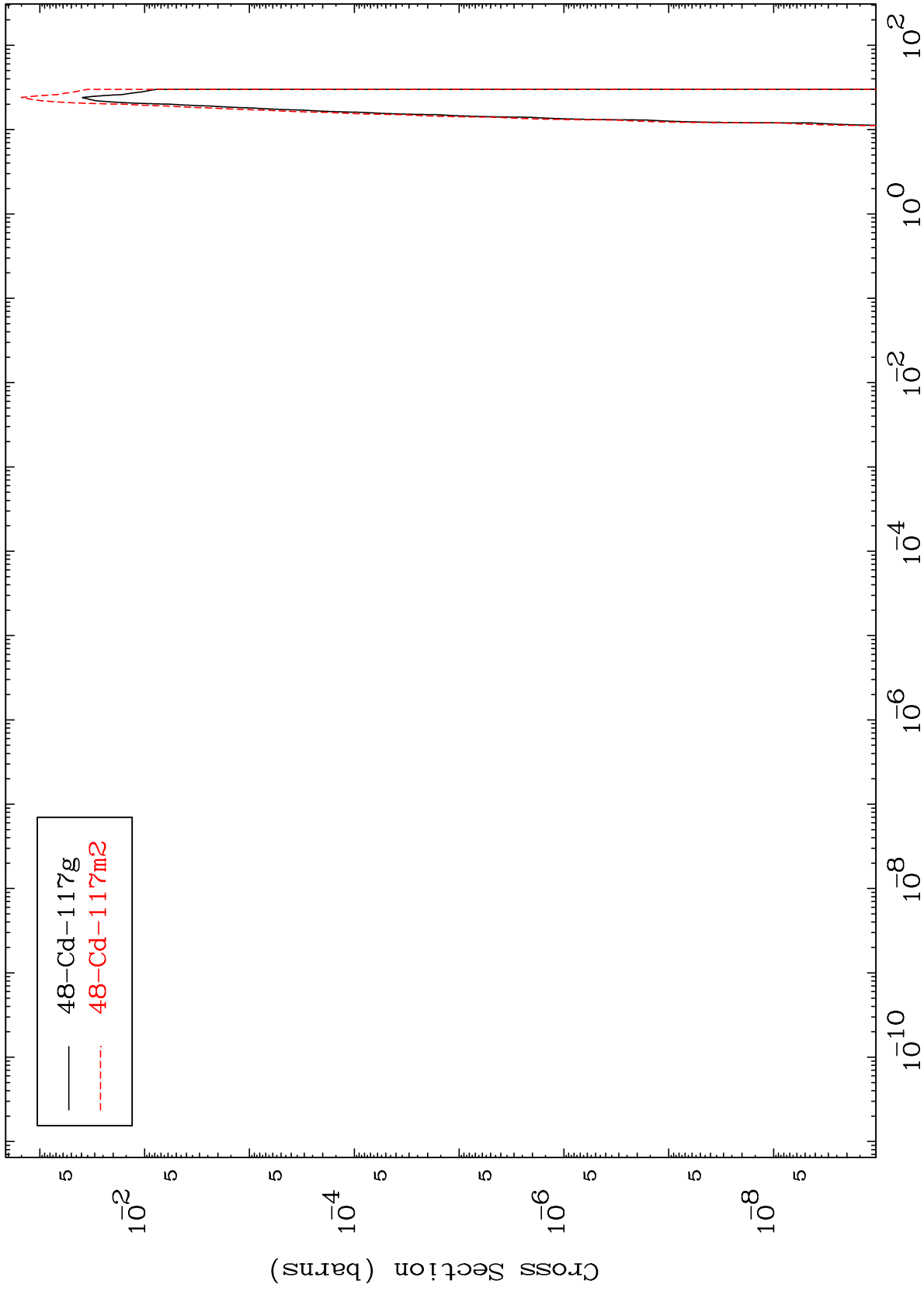
48-Cd-117

MAT 4859

( $\alpha, \alpha$ )

48-Cd-117

Radionuclide Production Cross Section



26

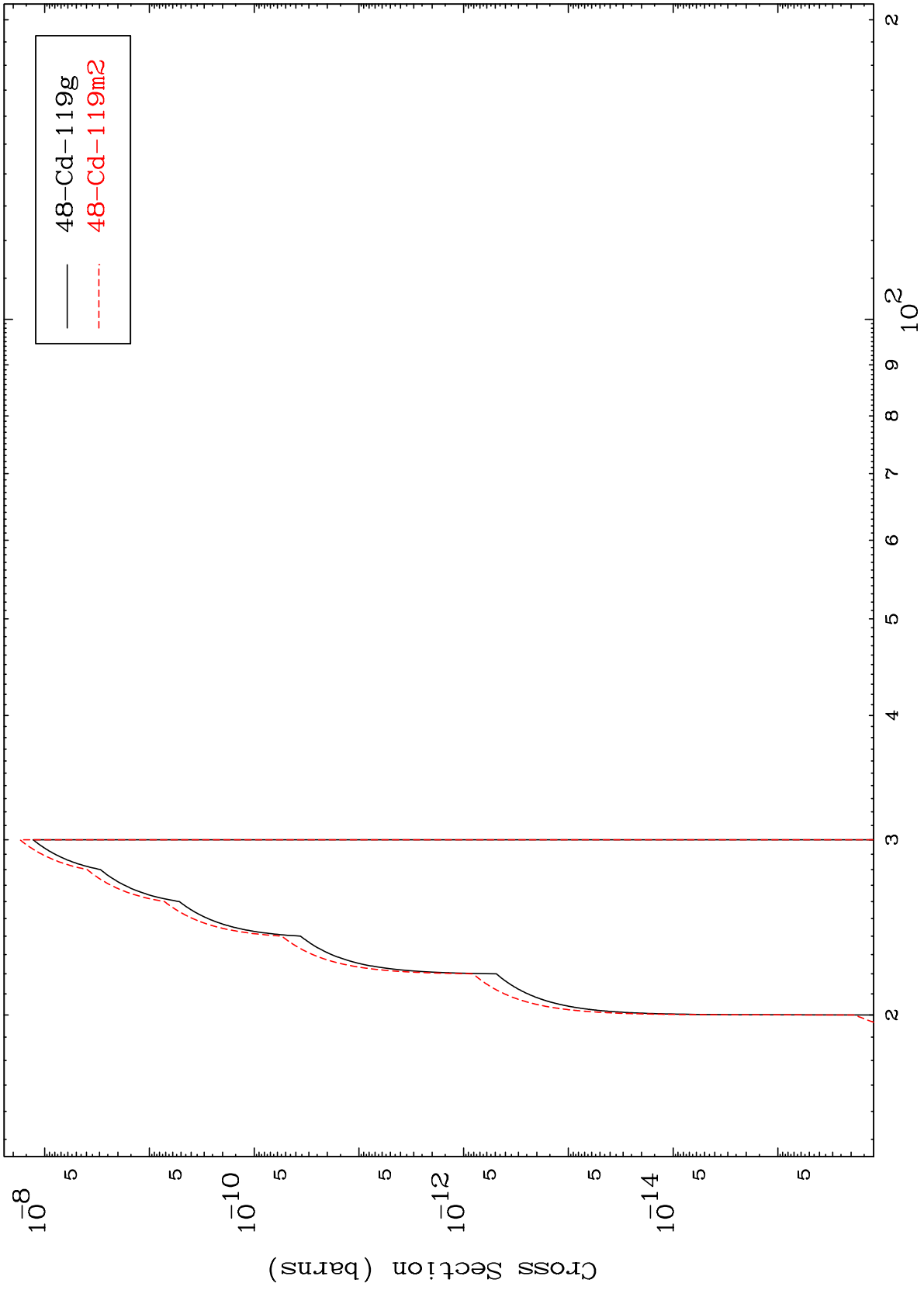
Incident Energy (MeV)

48-Cd-117

MAT 4859

48-Cd-117

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



27

Incident Energy (MeV)

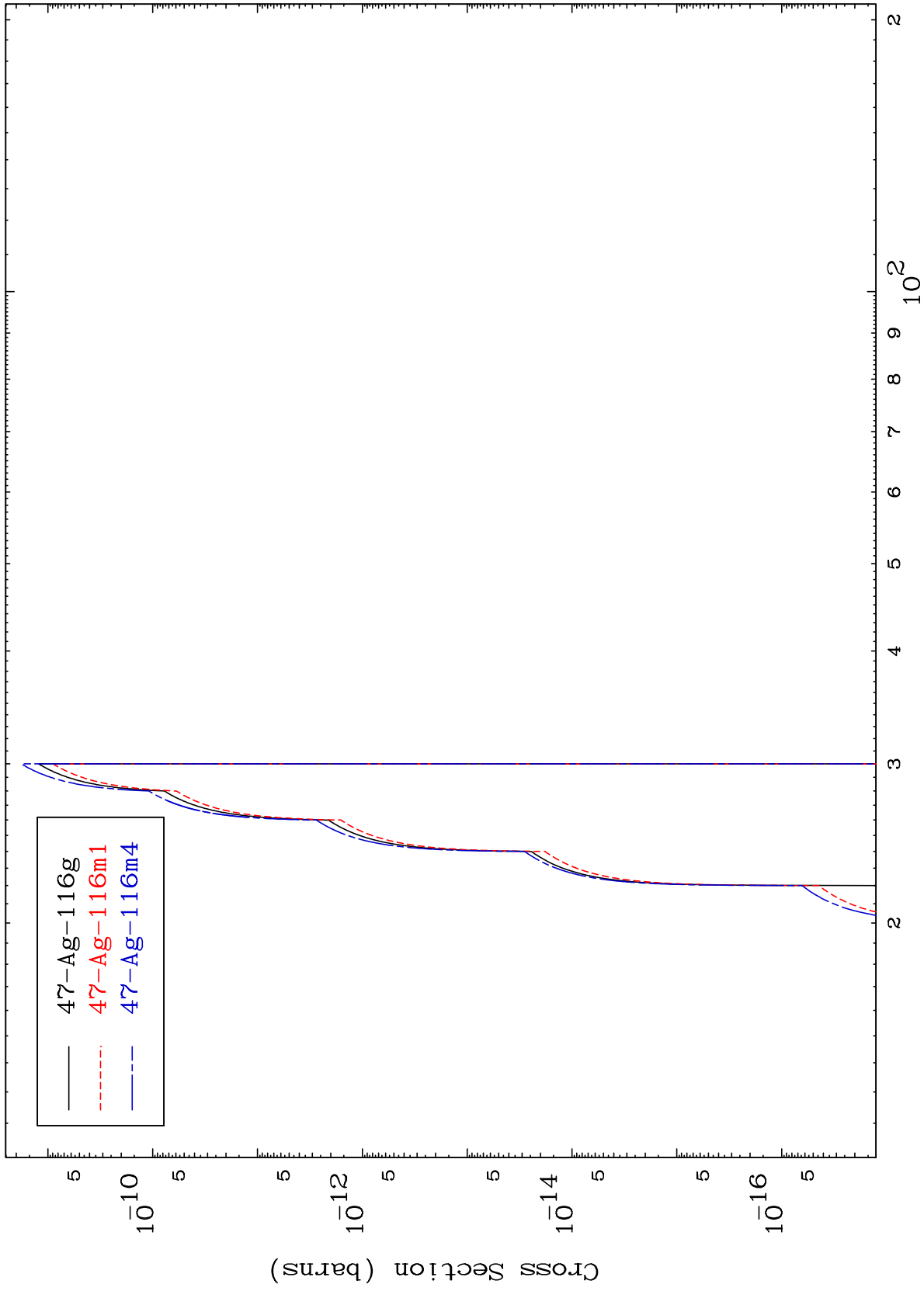
48-Cd-117

MAT 4859

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

48-Cd-117

Radionuclide Production Cross Section



28

Incident Energy (MeV)

48-Cd-117