

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

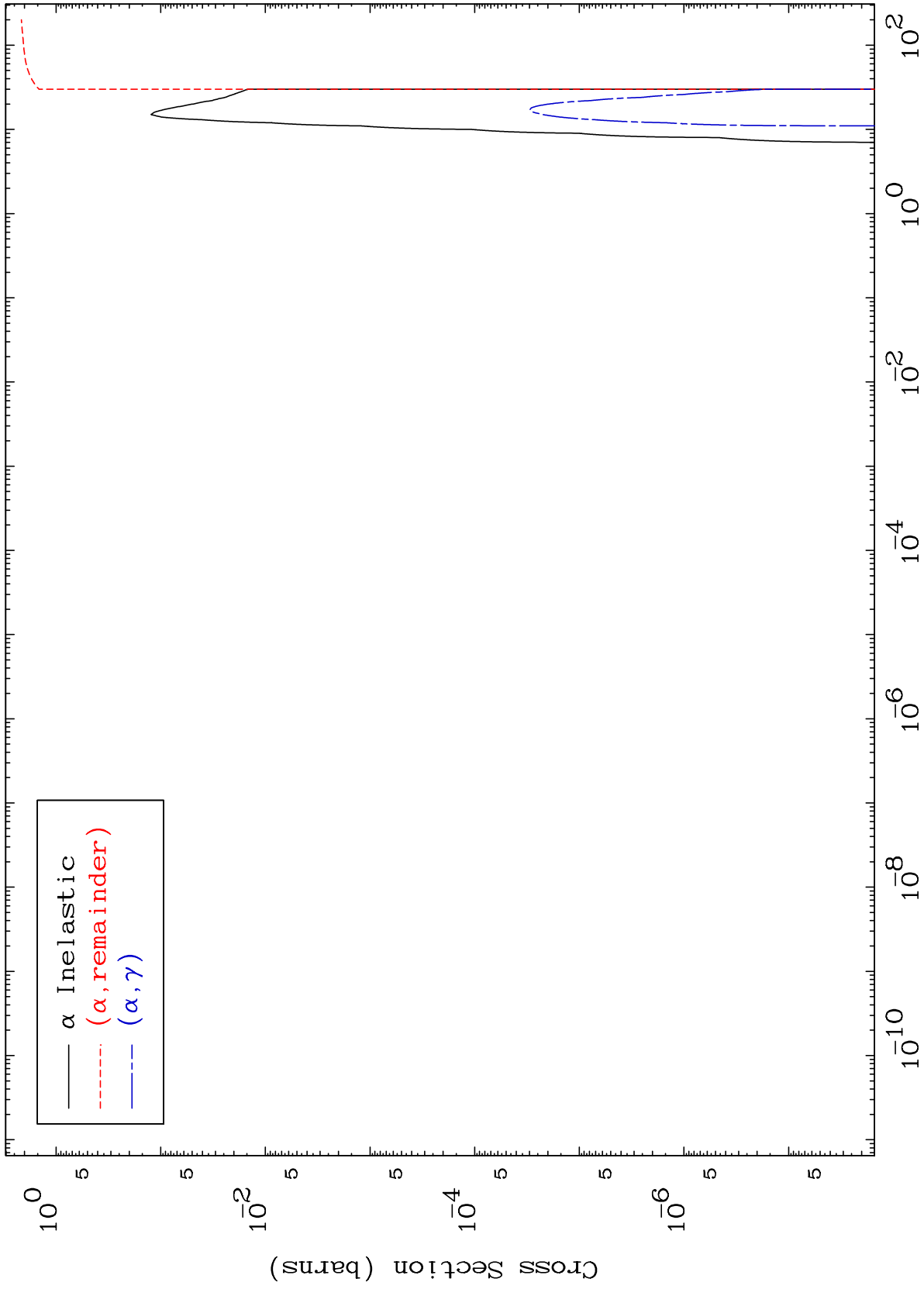
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4846

0 Kelvin  $\alpha$  Major

48-Cd-113



1

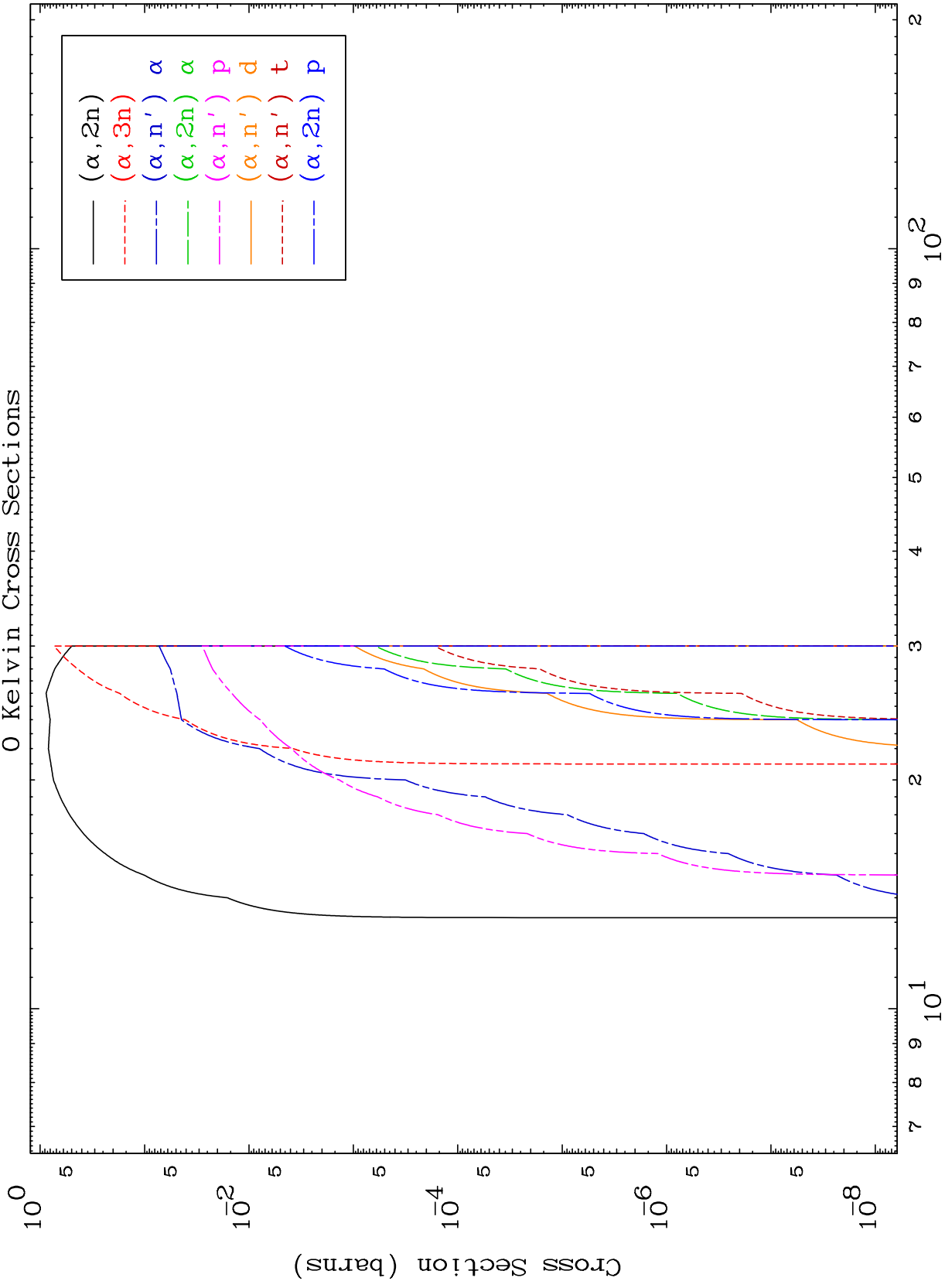
Incident Energy (MeV)

48-Cd-113

MAT 4846

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

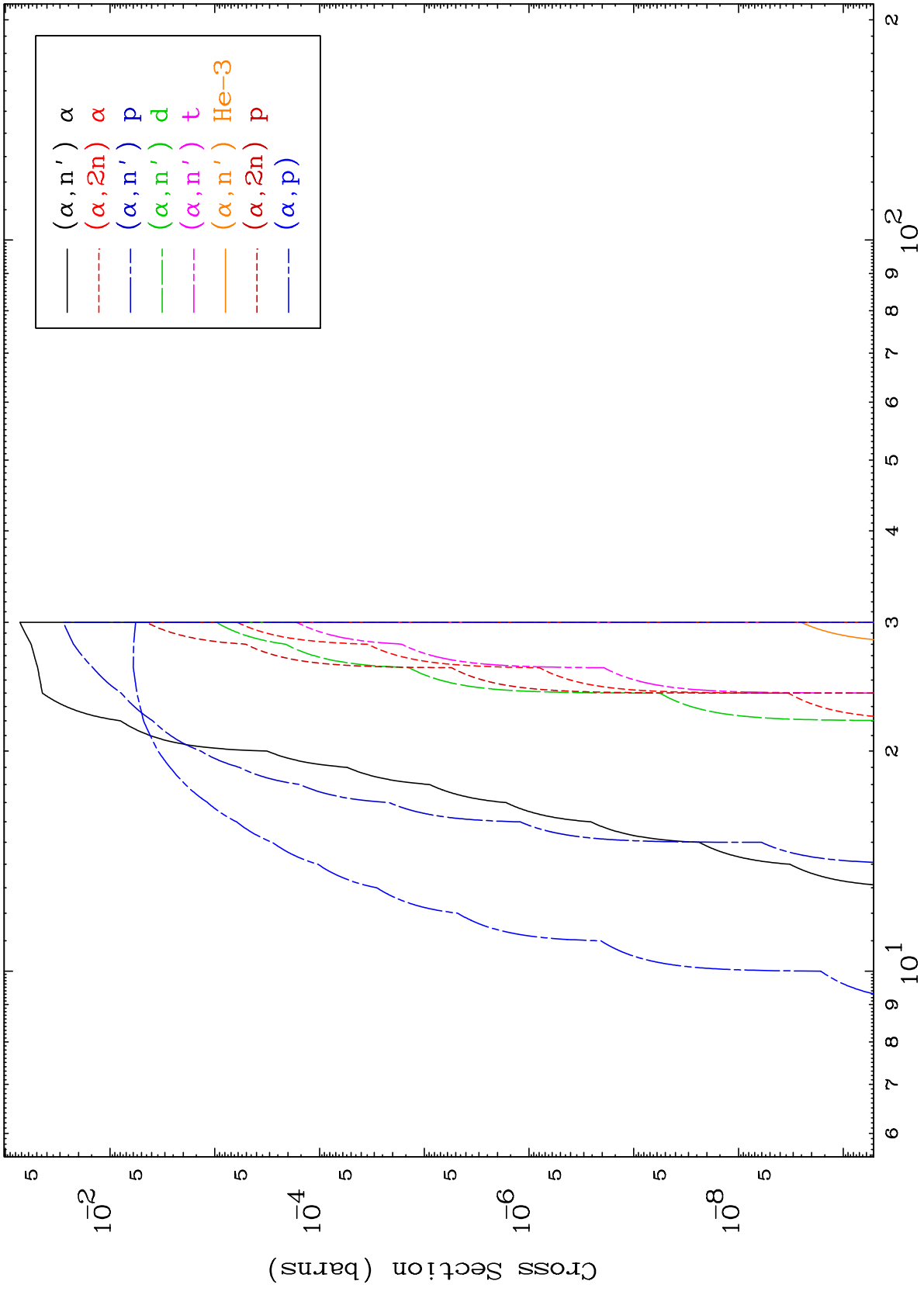
48-Cd-113



2

Incident Energy (MeV)

48-Cd-113

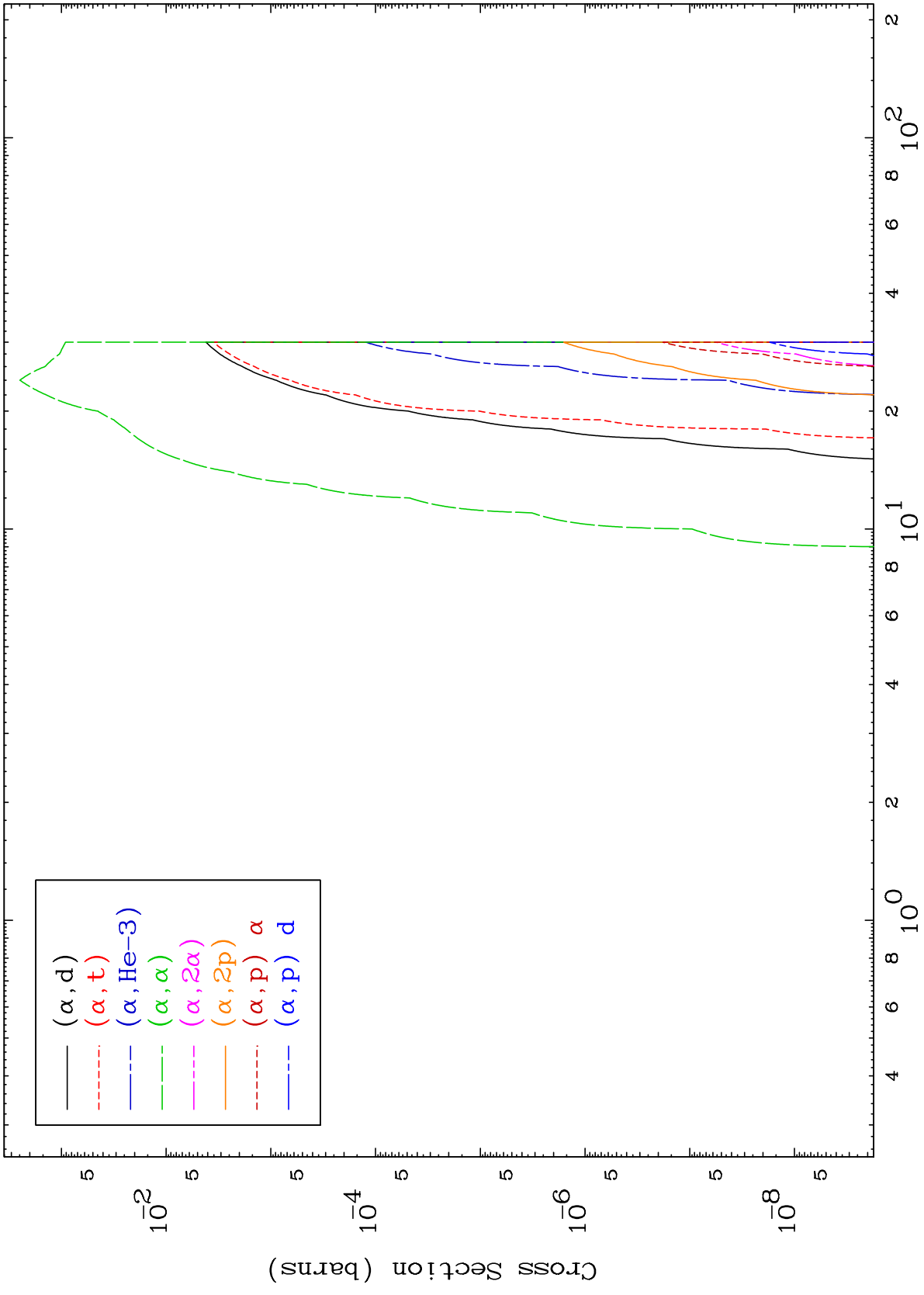


MAT 4846

$\alpha$  Charged Particle

48-Cd-113

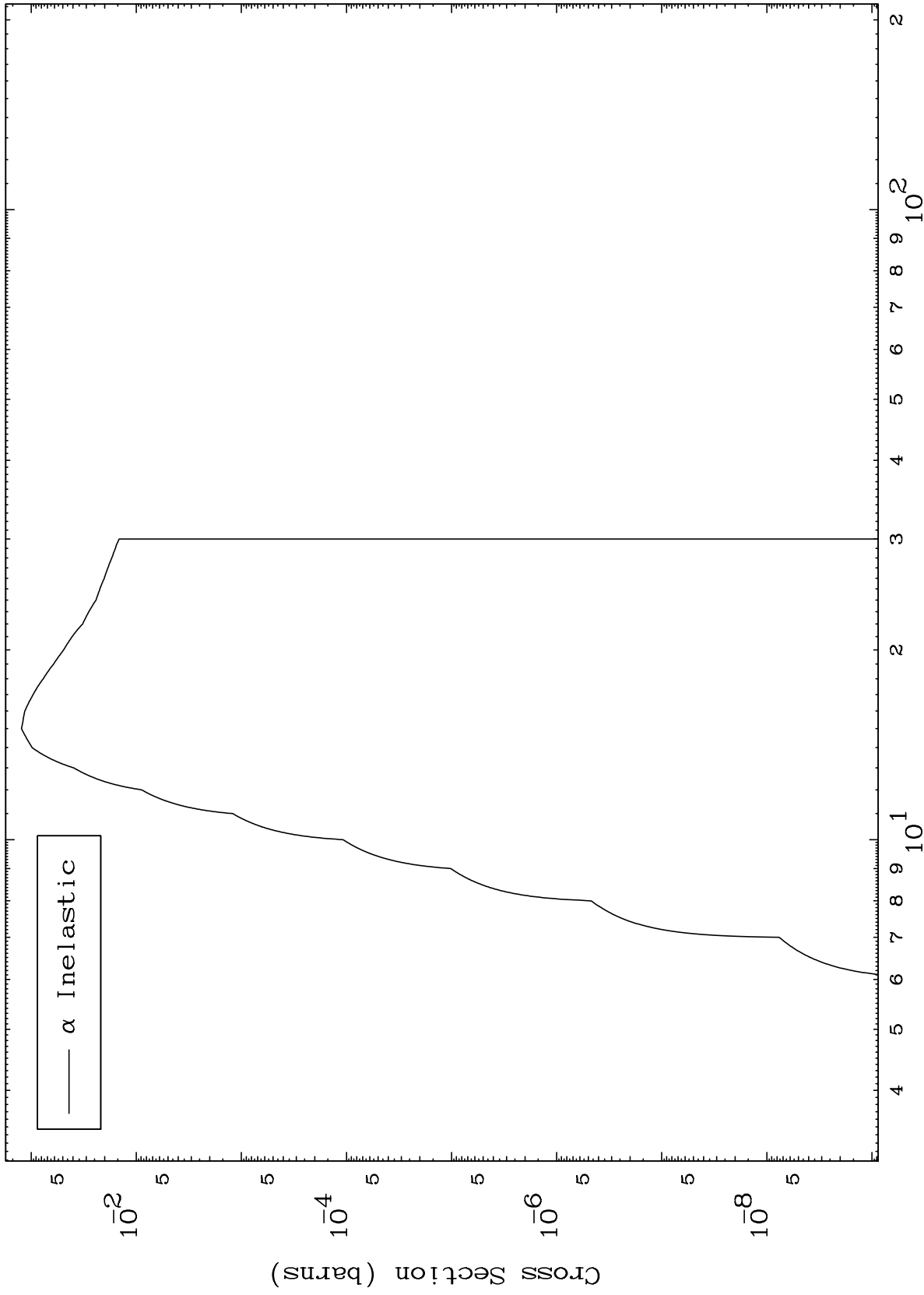
0 Kelvin Cross Sections



MAT 4846

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

48-Cd-113



5

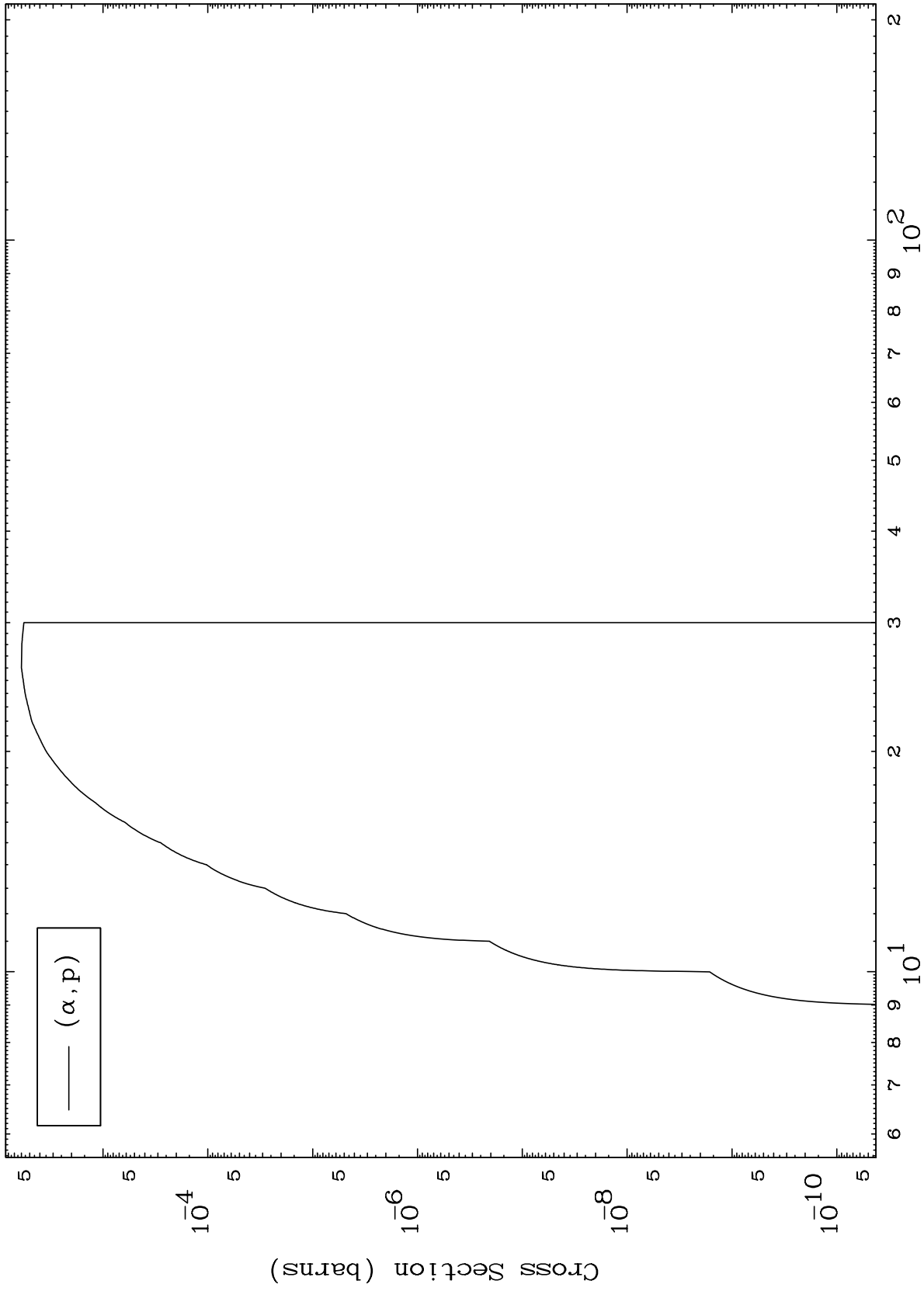
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



6

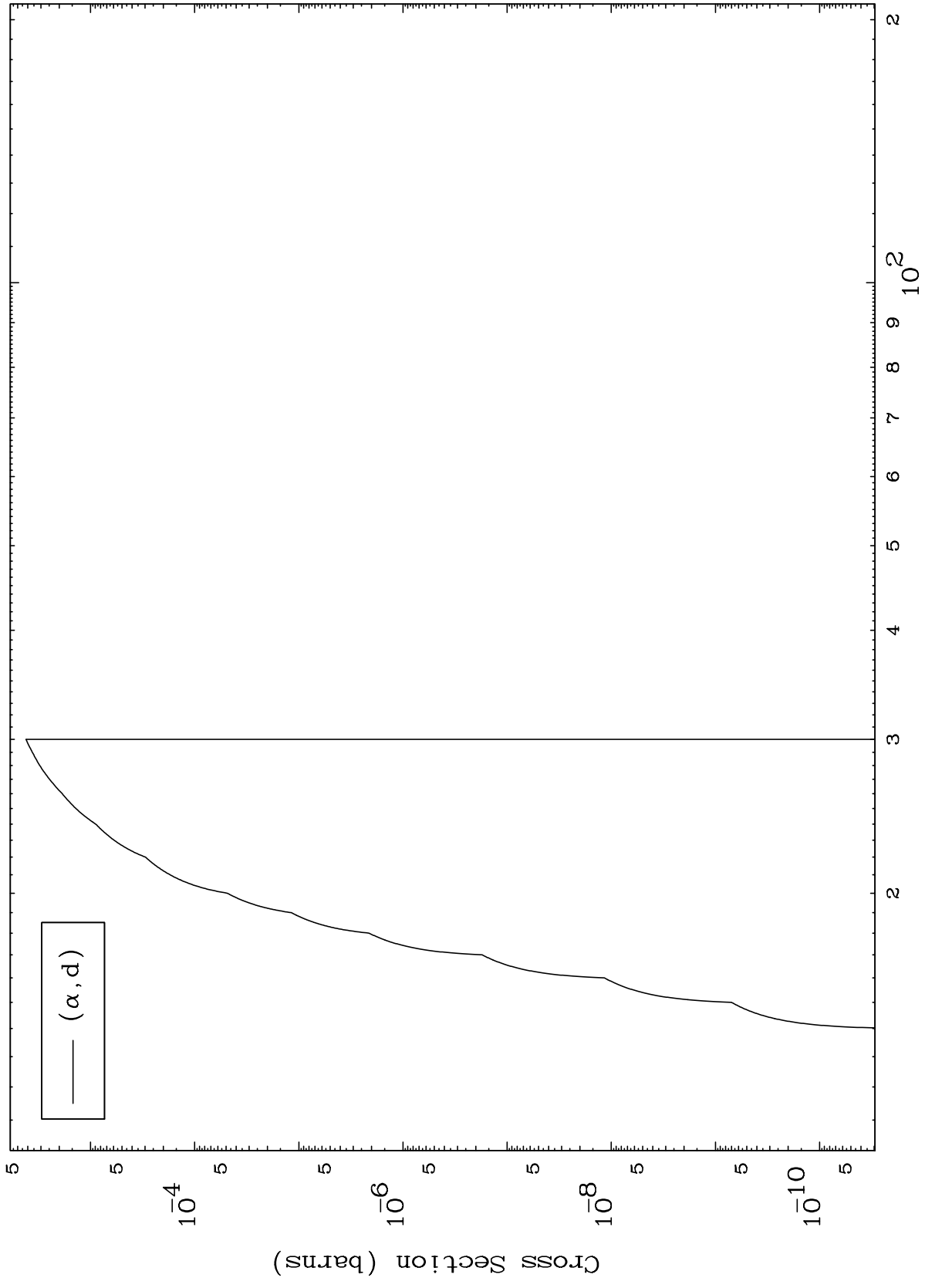
Incident Energy (MeV)

48-Cd-113

MAT 4846

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

48-Cd-113



7

Incident Energy (MeV)

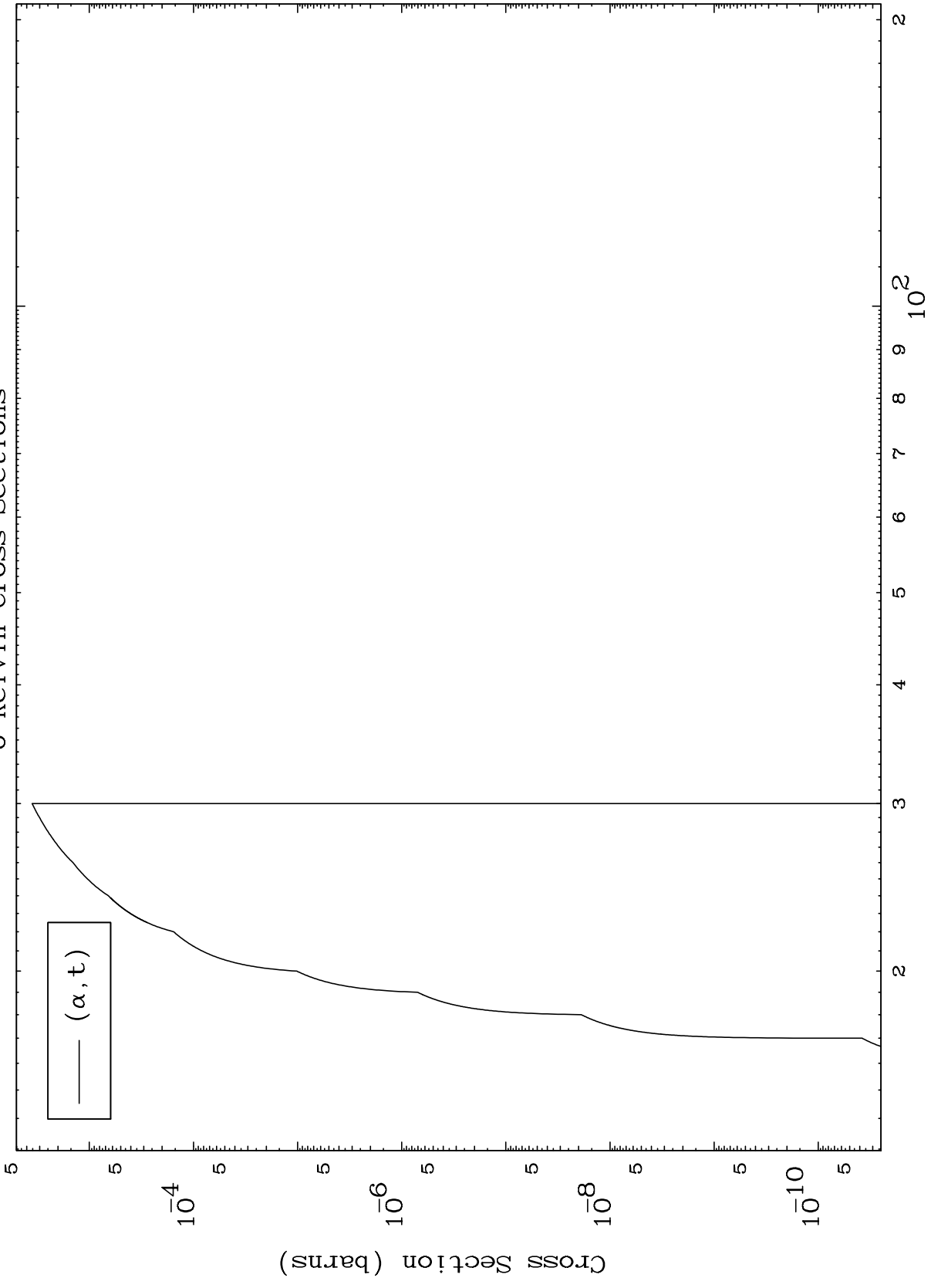
48-Cd-113



MAT 4846

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

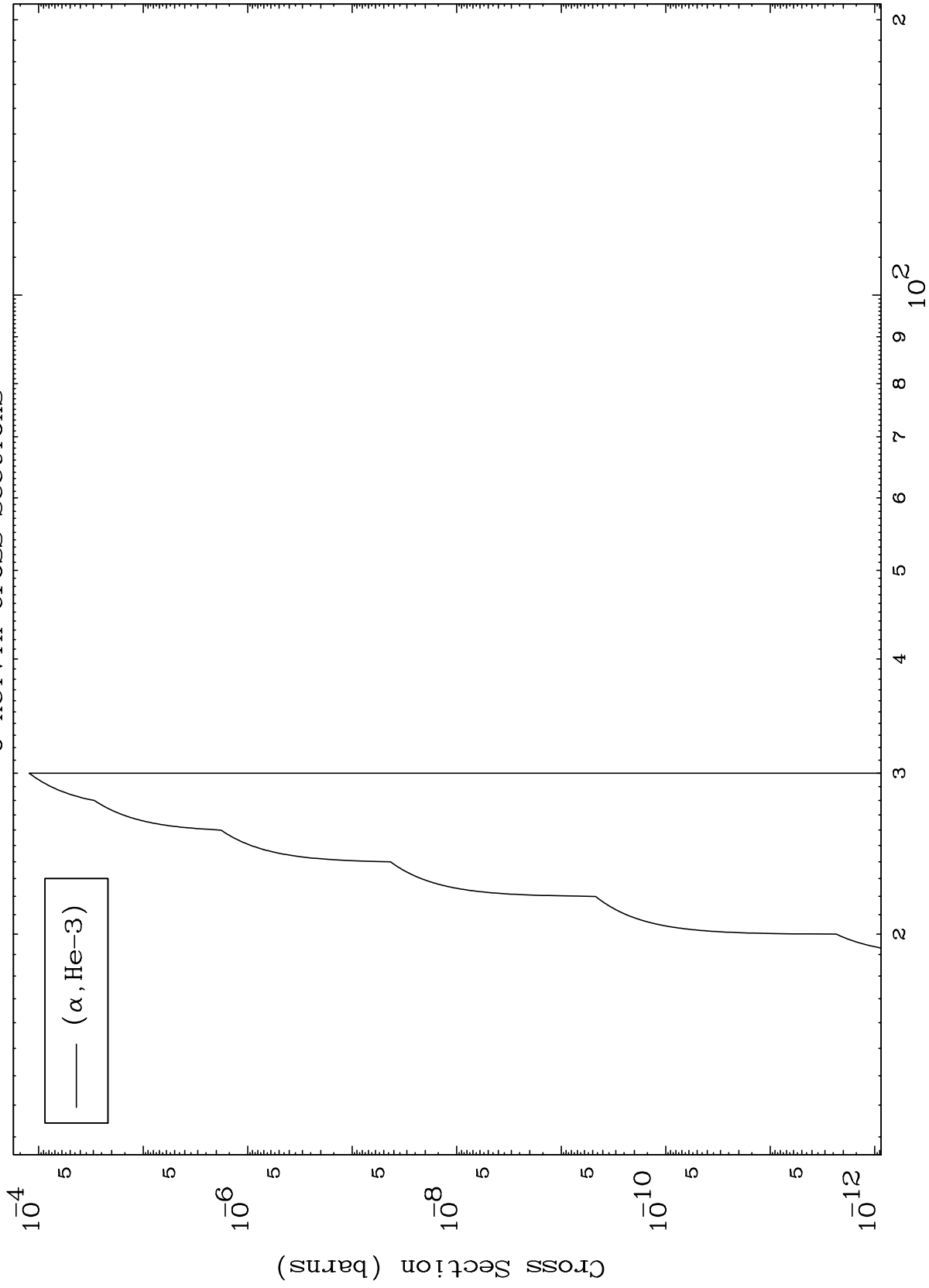
48-Cd-113



8

Incident Energy (MeV)

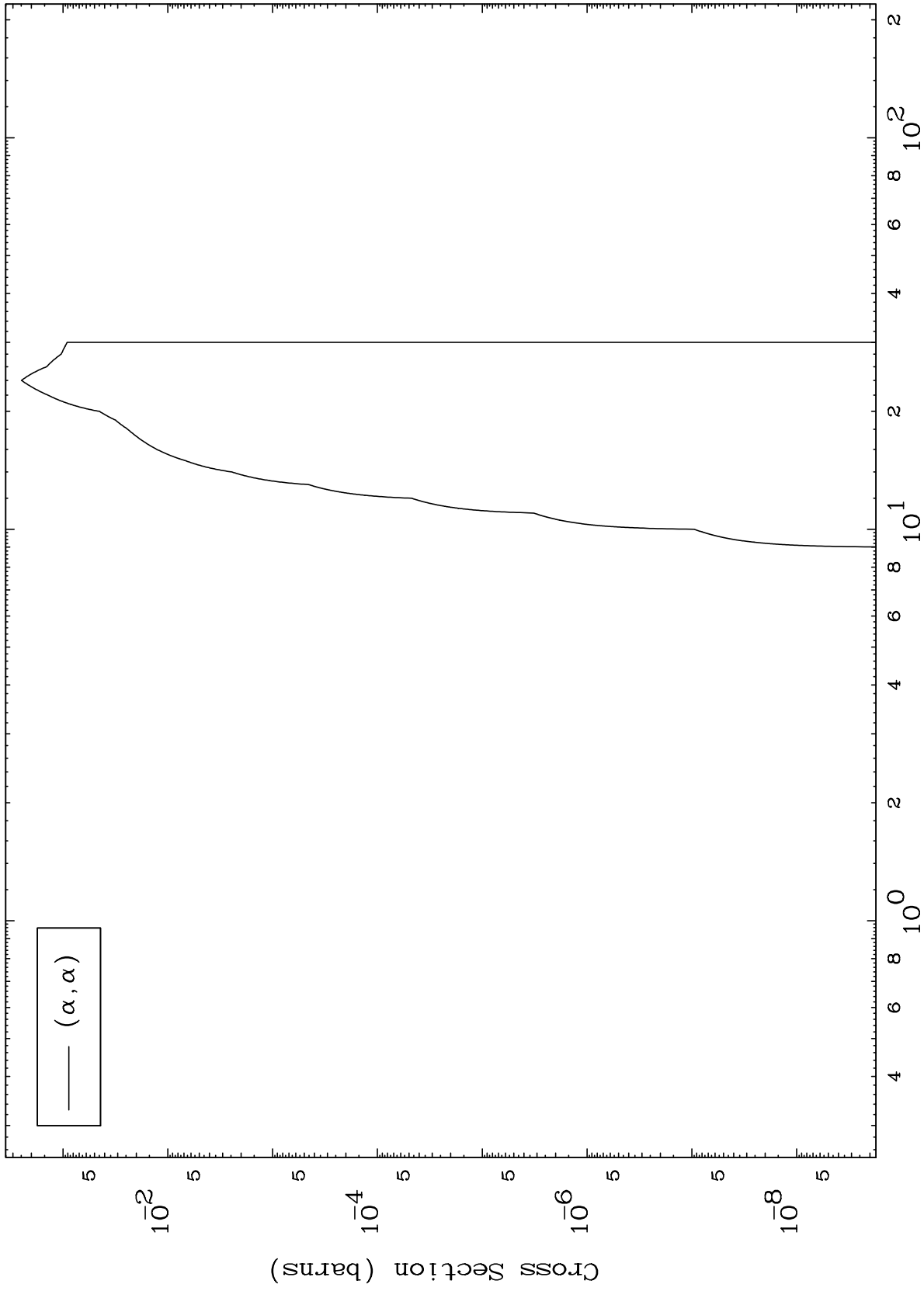
48-Cd-113



MAT 4846

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

48-Cd-113



10

Incident Energy (MeV)

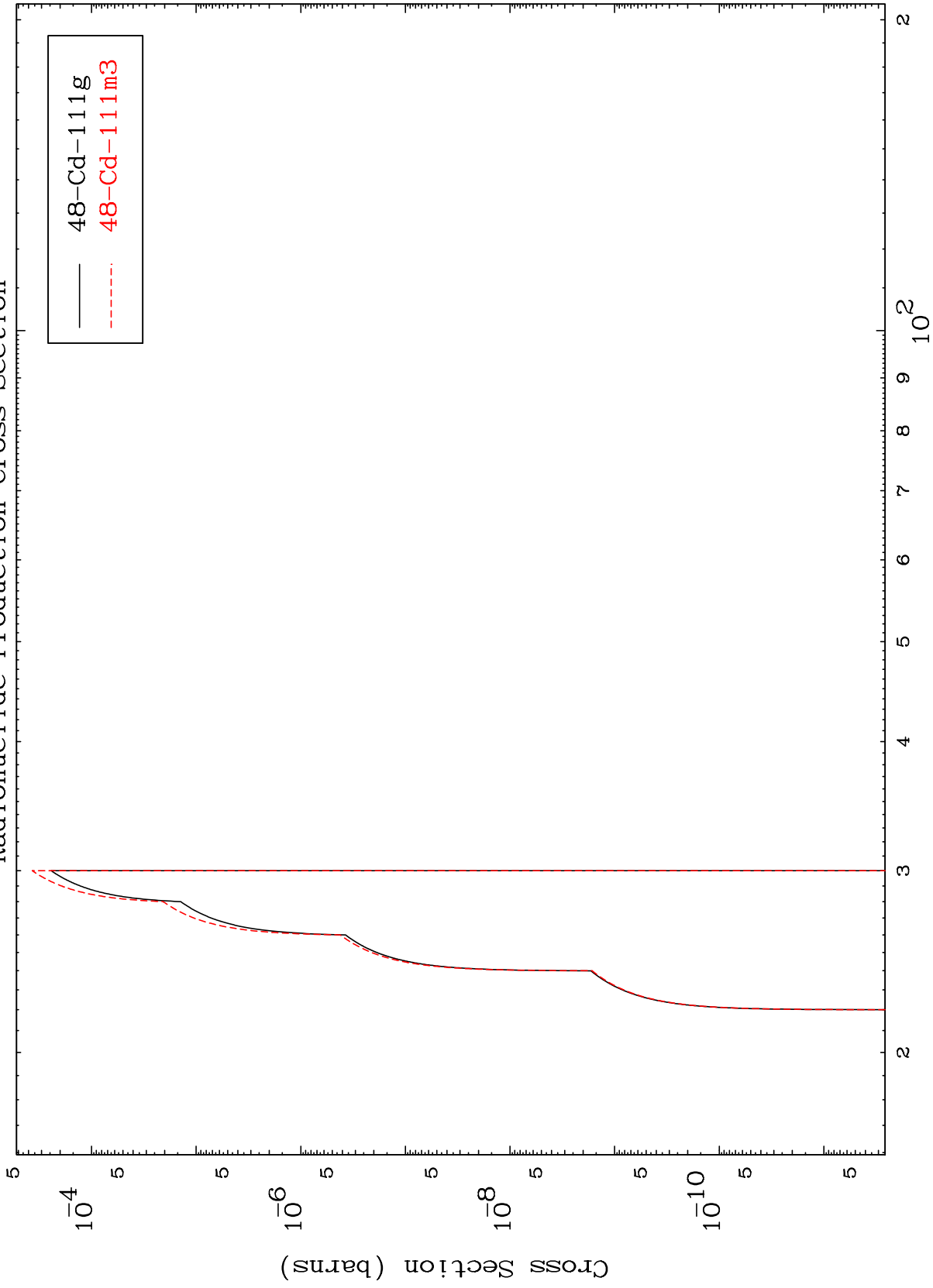
48-Cd-113

MAT 4846

$(\alpha, 2n) \alpha$

48-Cd-113

Radionuclide Production Cross Section



11

Incident Energy (MeV)

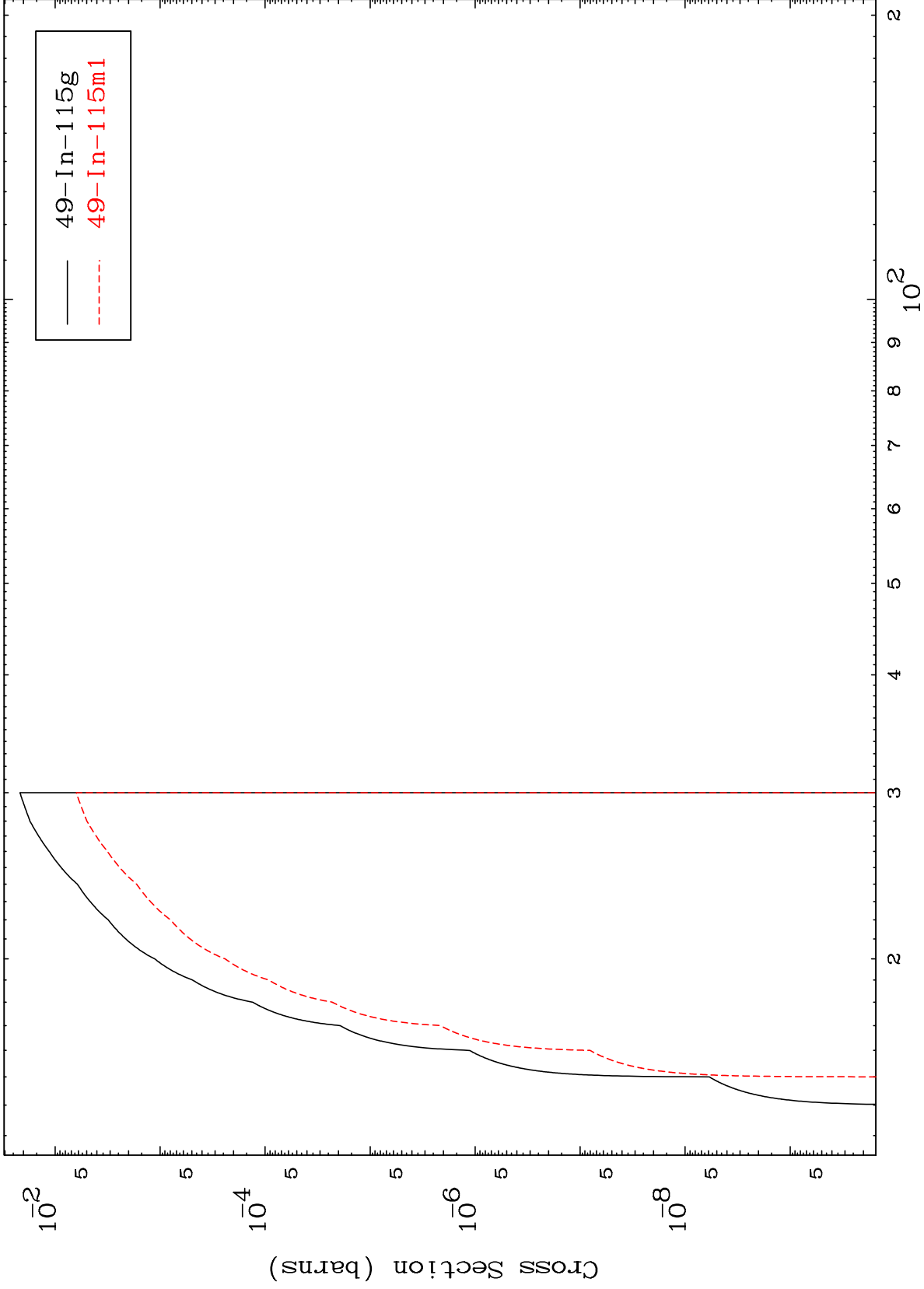
48-Cd-113

MAT 4846

( $\alpha, n'$ ) p

48-Cd-113

Radionuclide Production Cross Section



12

Incident Energy (MeV)

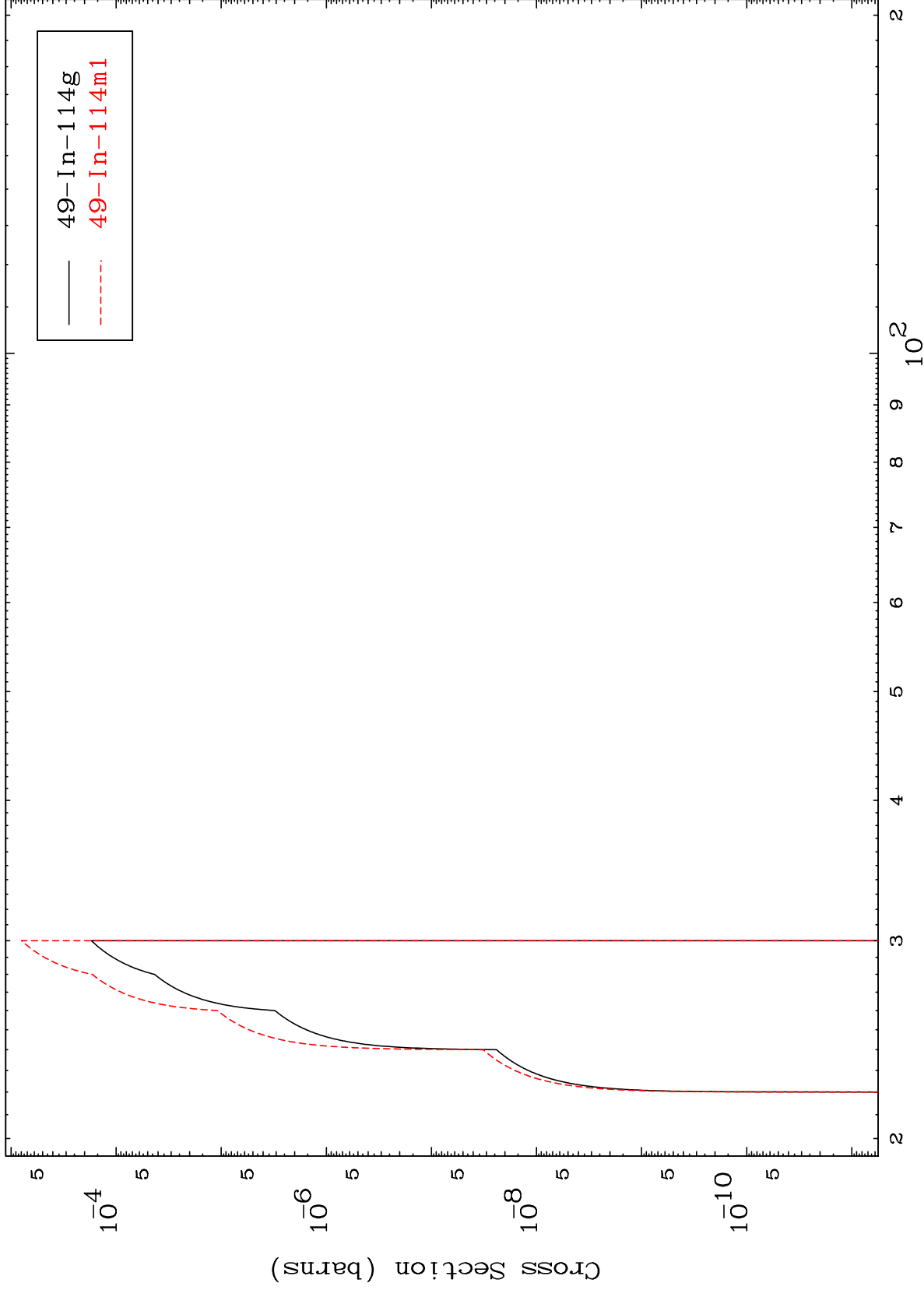
48-Cd-113

MAT 4846

( $\alpha, n'$ ) d

48-Cd-113

Radionuclide Production Cross Section



13

Incident Energy (MeV)

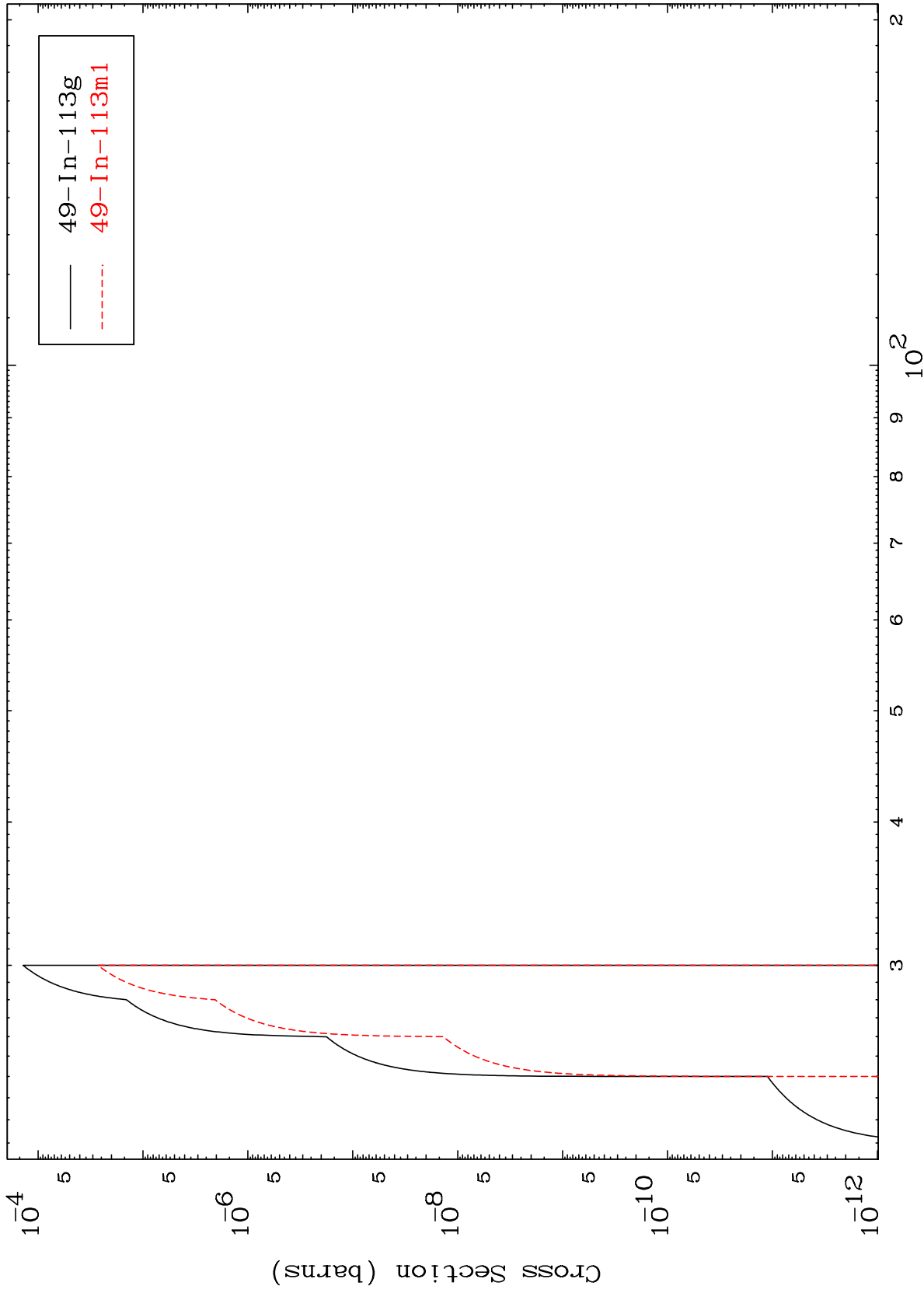
48-Cd-113

MAT 4846

( $\alpha, n'$ ) t

48-Cd-113

Radionuclide Production Cross Section



14

Incident Energy (MeV)

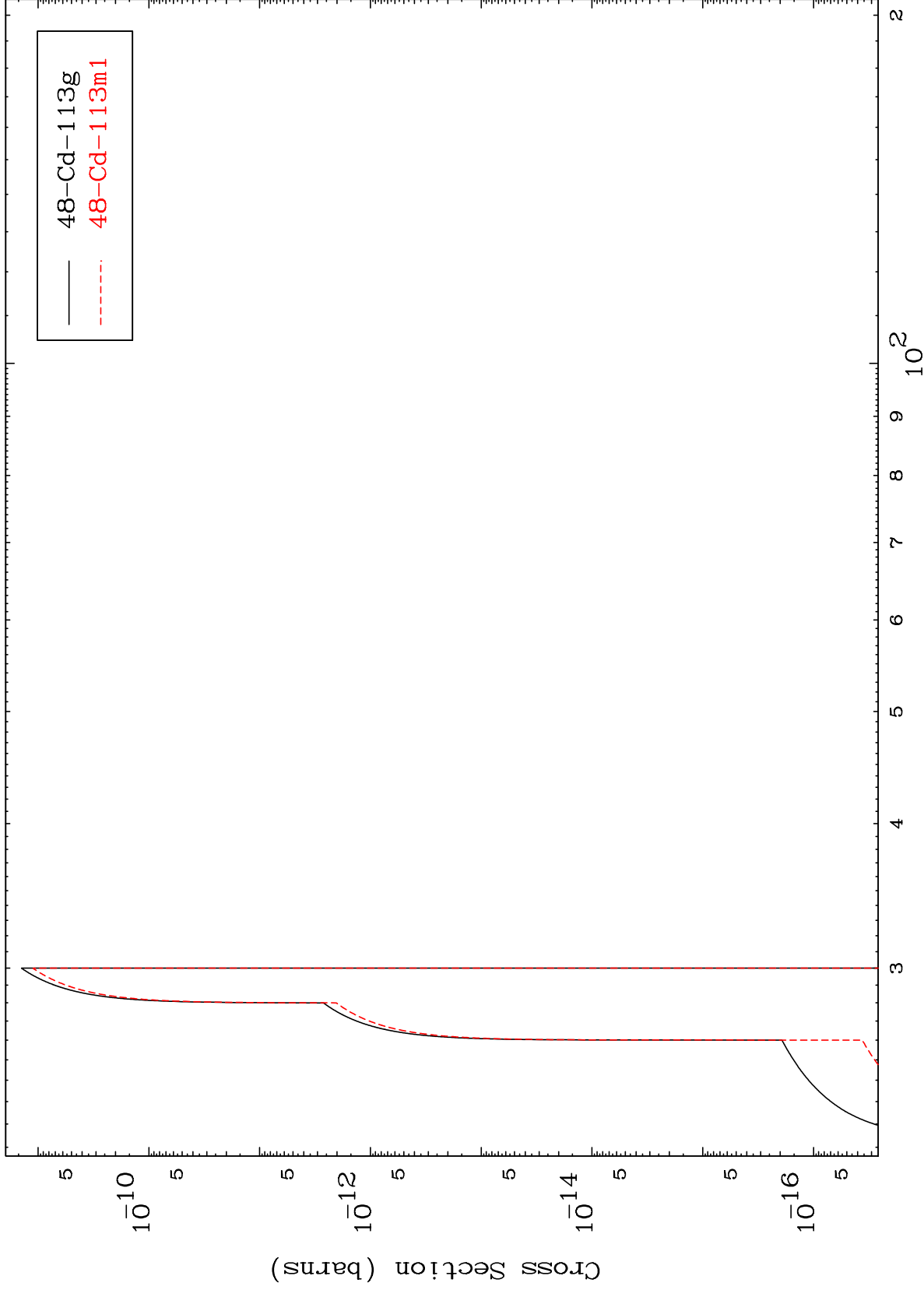
48-Cd-113

MAT 4846

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

48-Cd-113

Radionuclide Production Cross Section



15

Incident Energy (MeV)

48-Cd-113

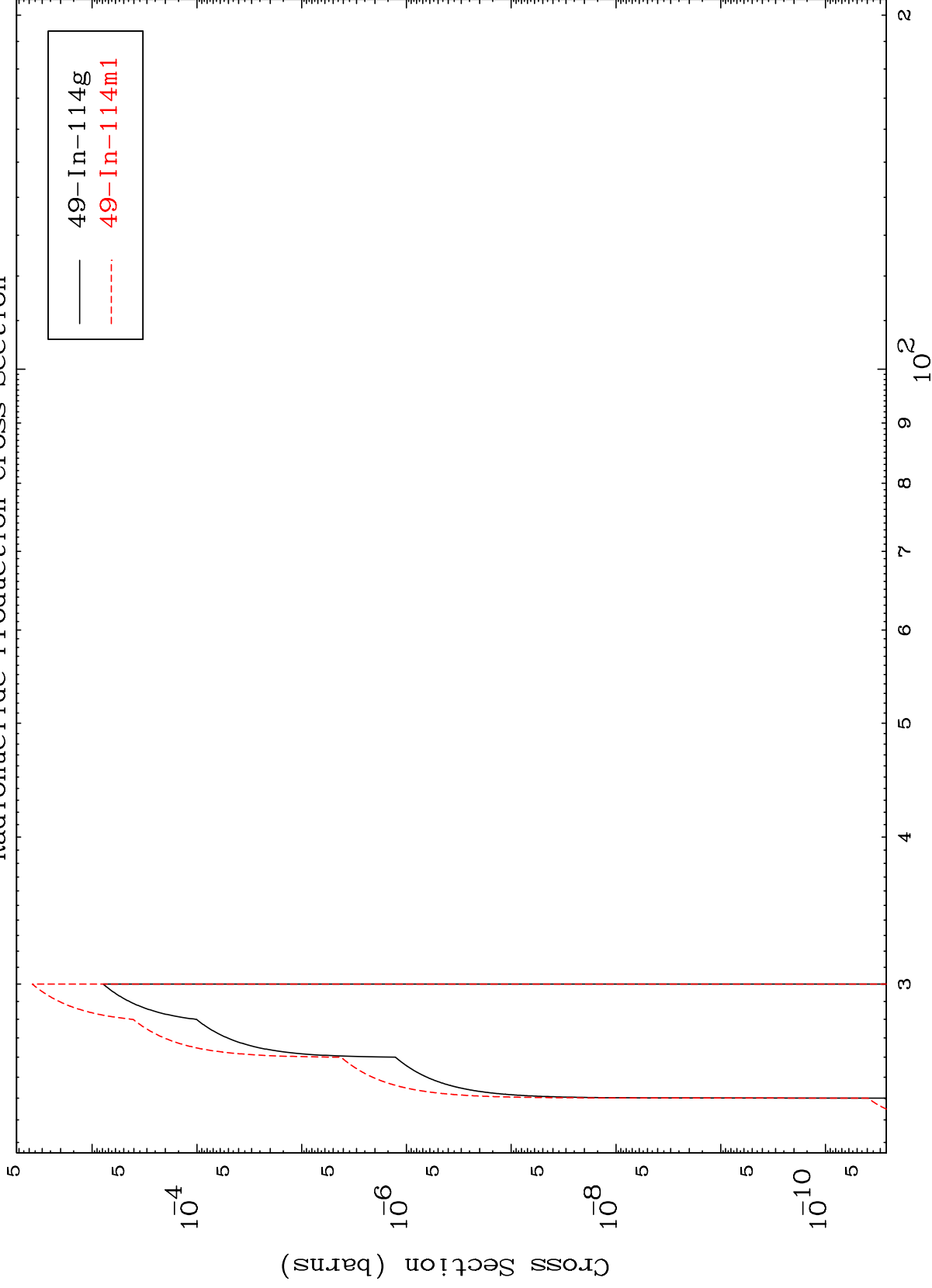


MAT 4846

( $\alpha, 2n$ ) p

48-Cd-113

Radionuclide Production Cross Section



16

Incident Energy (MeV)

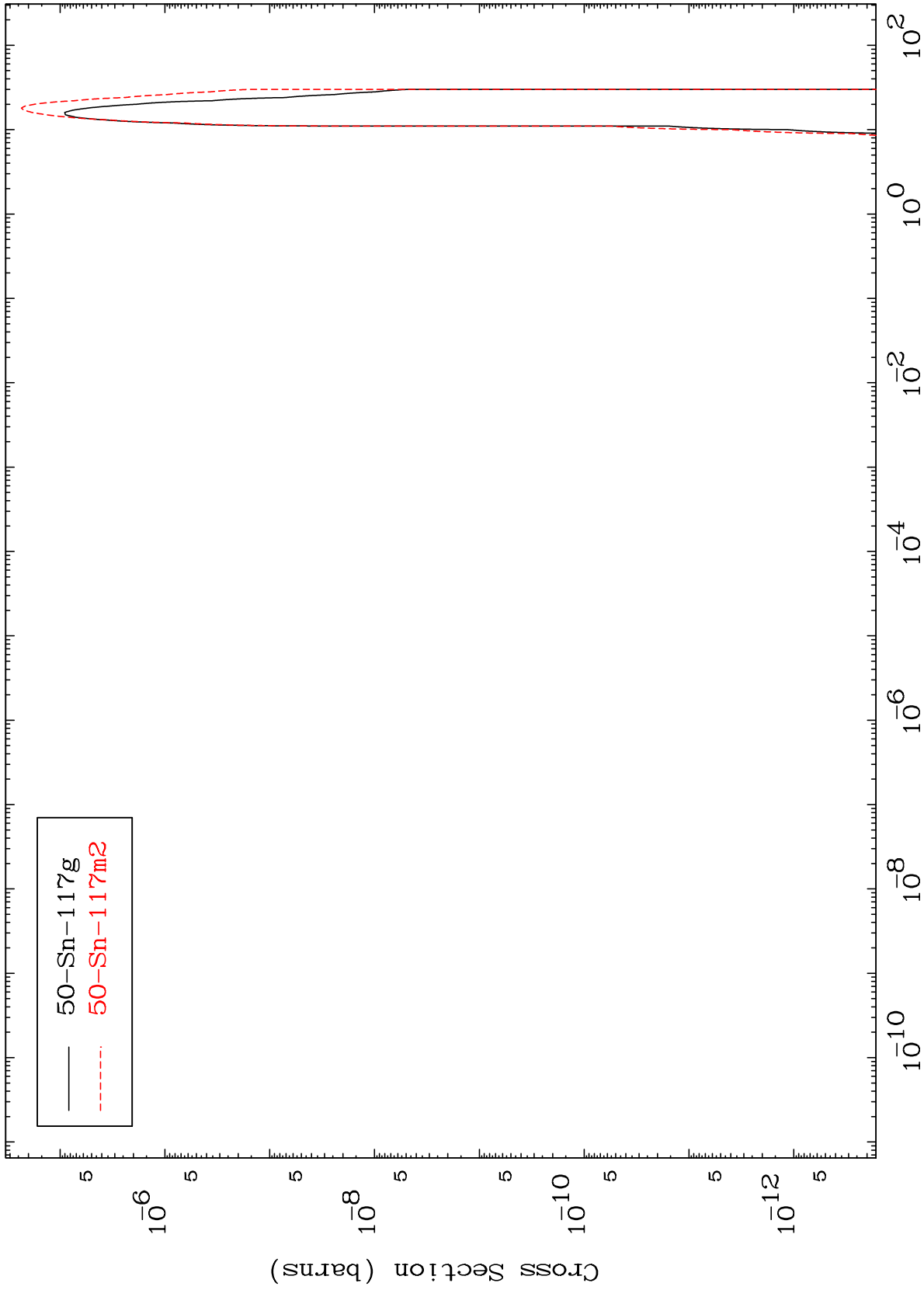
48-Cd-113

MAT 4846

( $\alpha, \gamma$ )

48-Cd-113

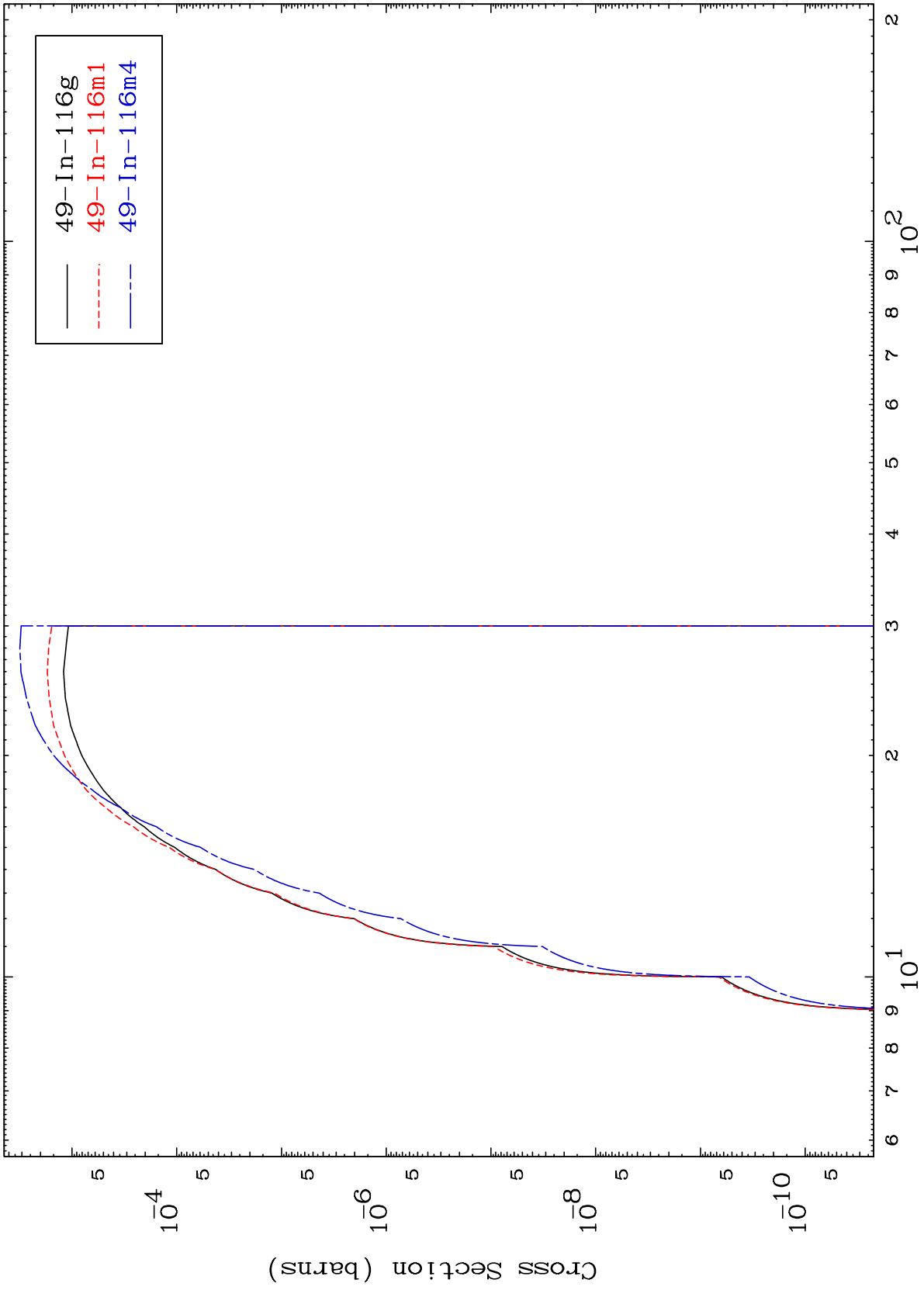
Radionuclide Production Cross Section



MAT 4846

48-Cd-113

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



18

Incident Energy (MeV)

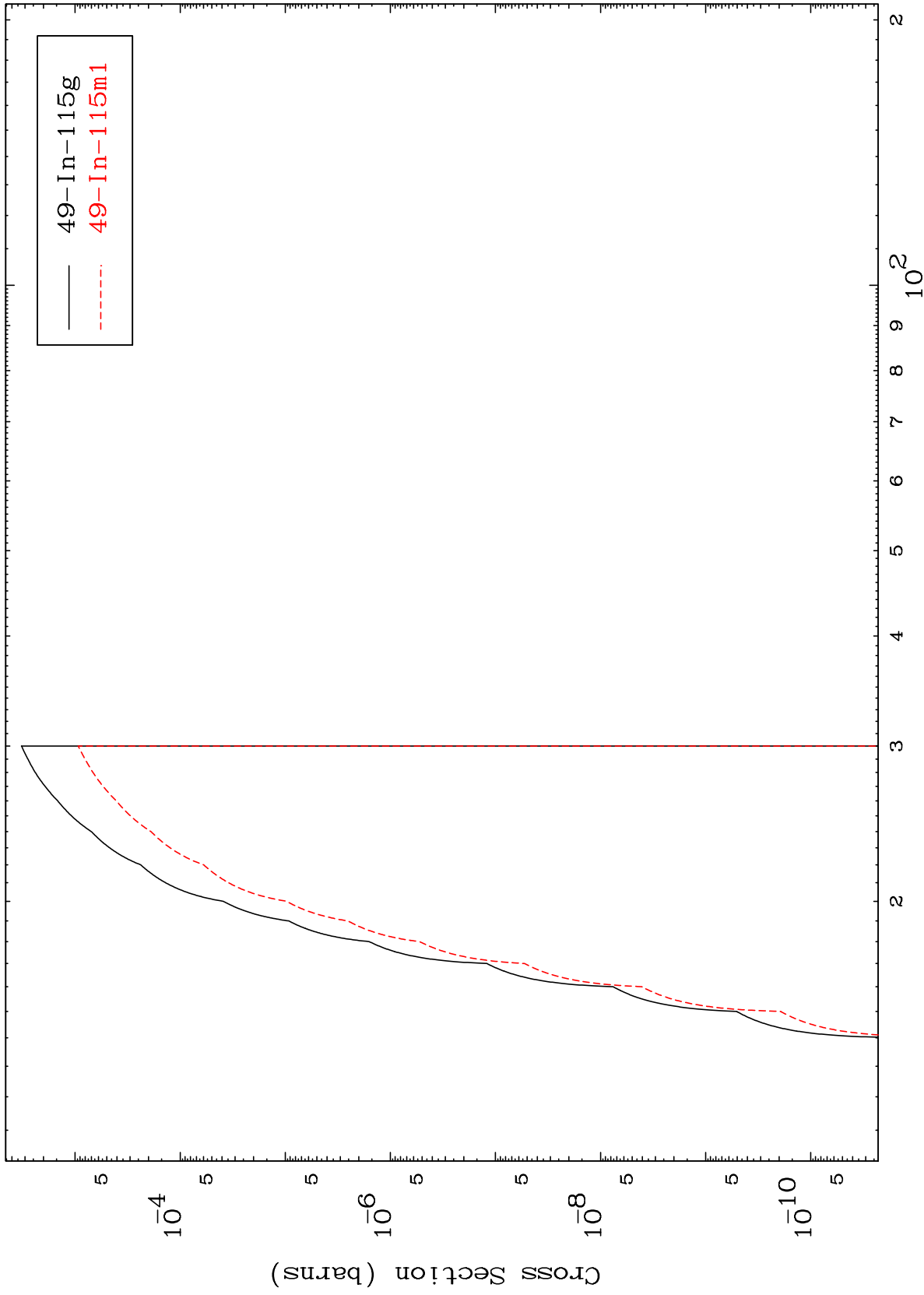
48-Cd-113

MAT 4846

( $\alpha, d$ )

48-Cd-113

Radionuclide Production Cross Section



19

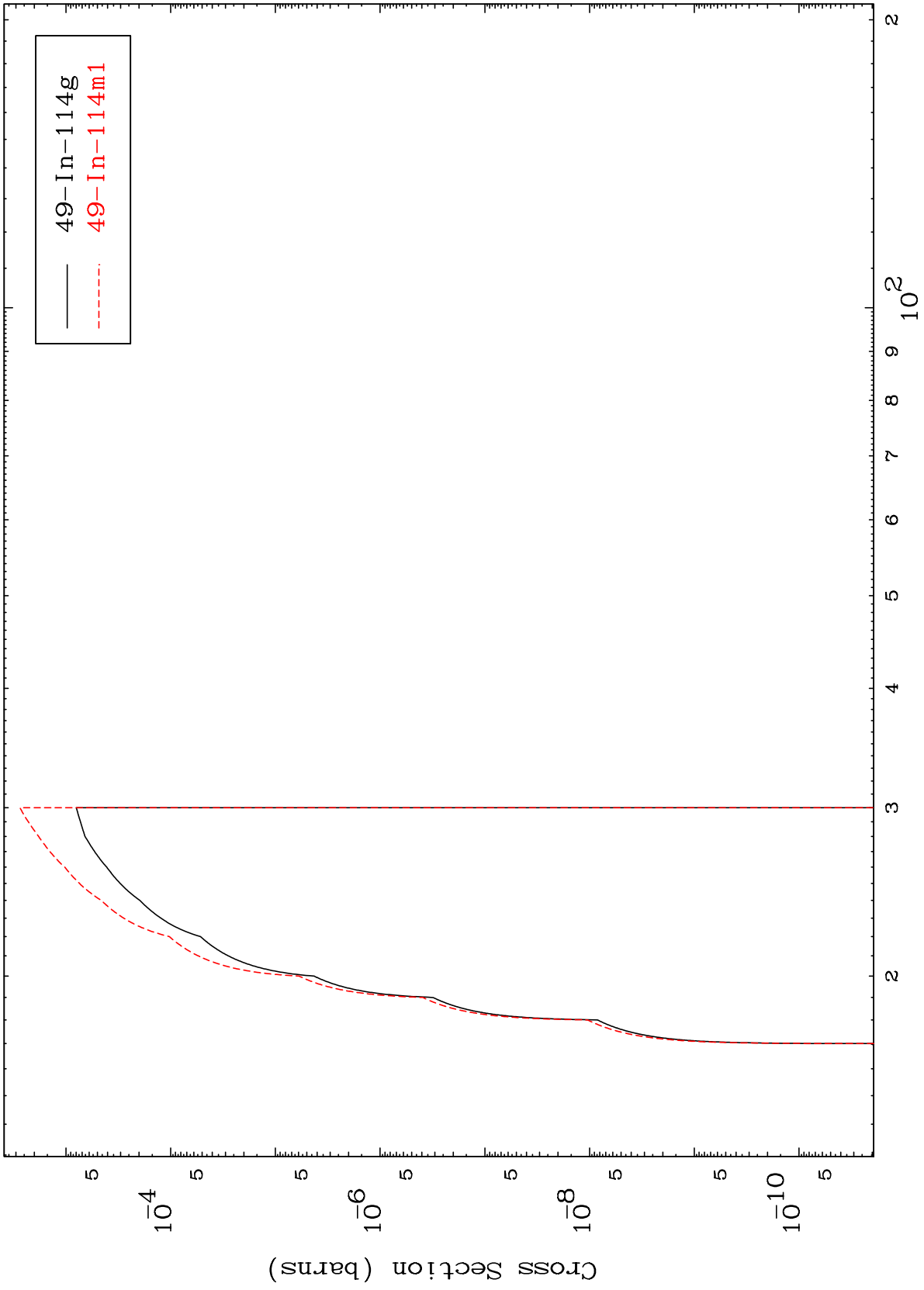
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

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



20

Incident Energy (MeV)

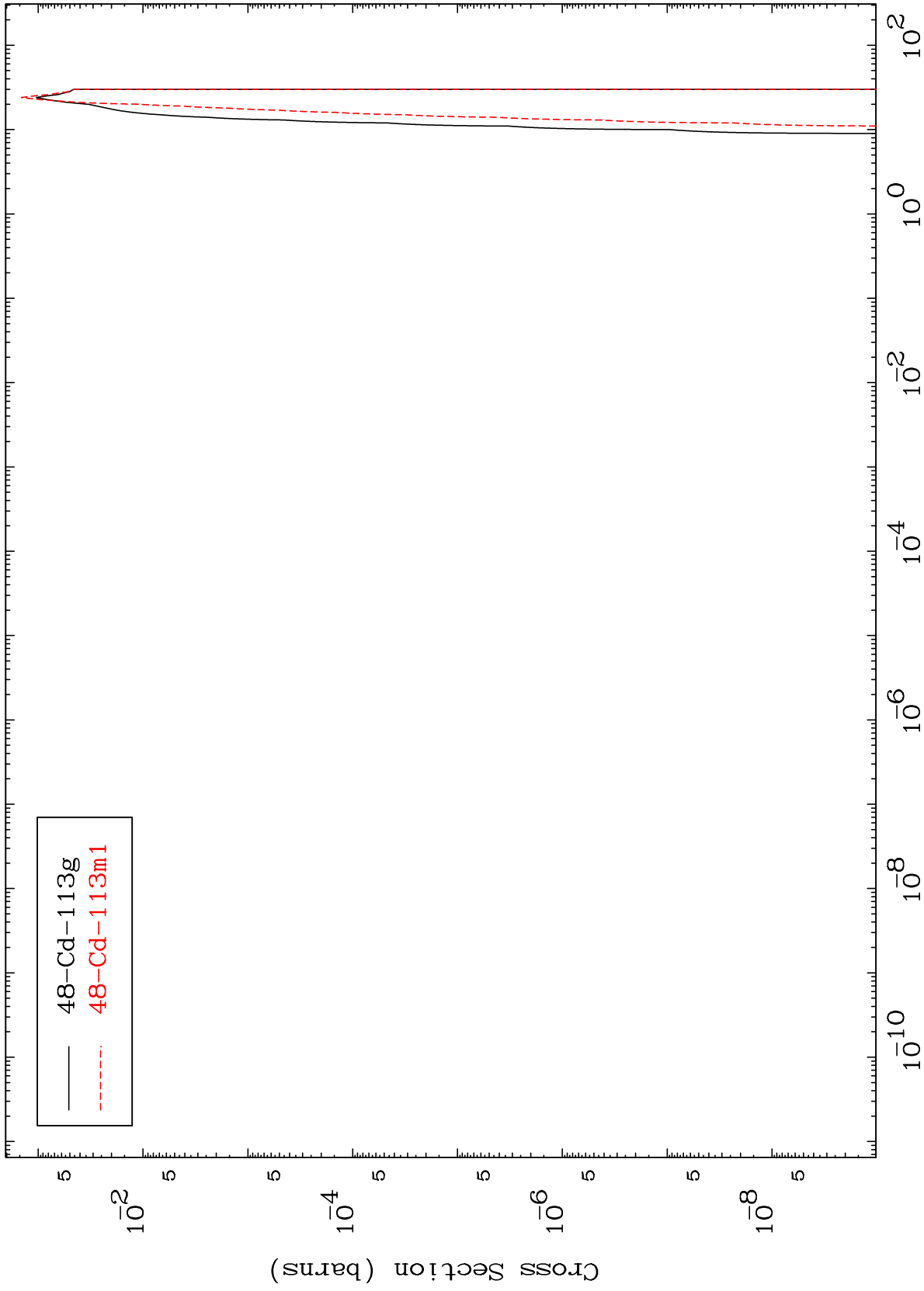
48-Cd-113

MAT 4846

( $\alpha, \alpha$ )

48-Cd-113

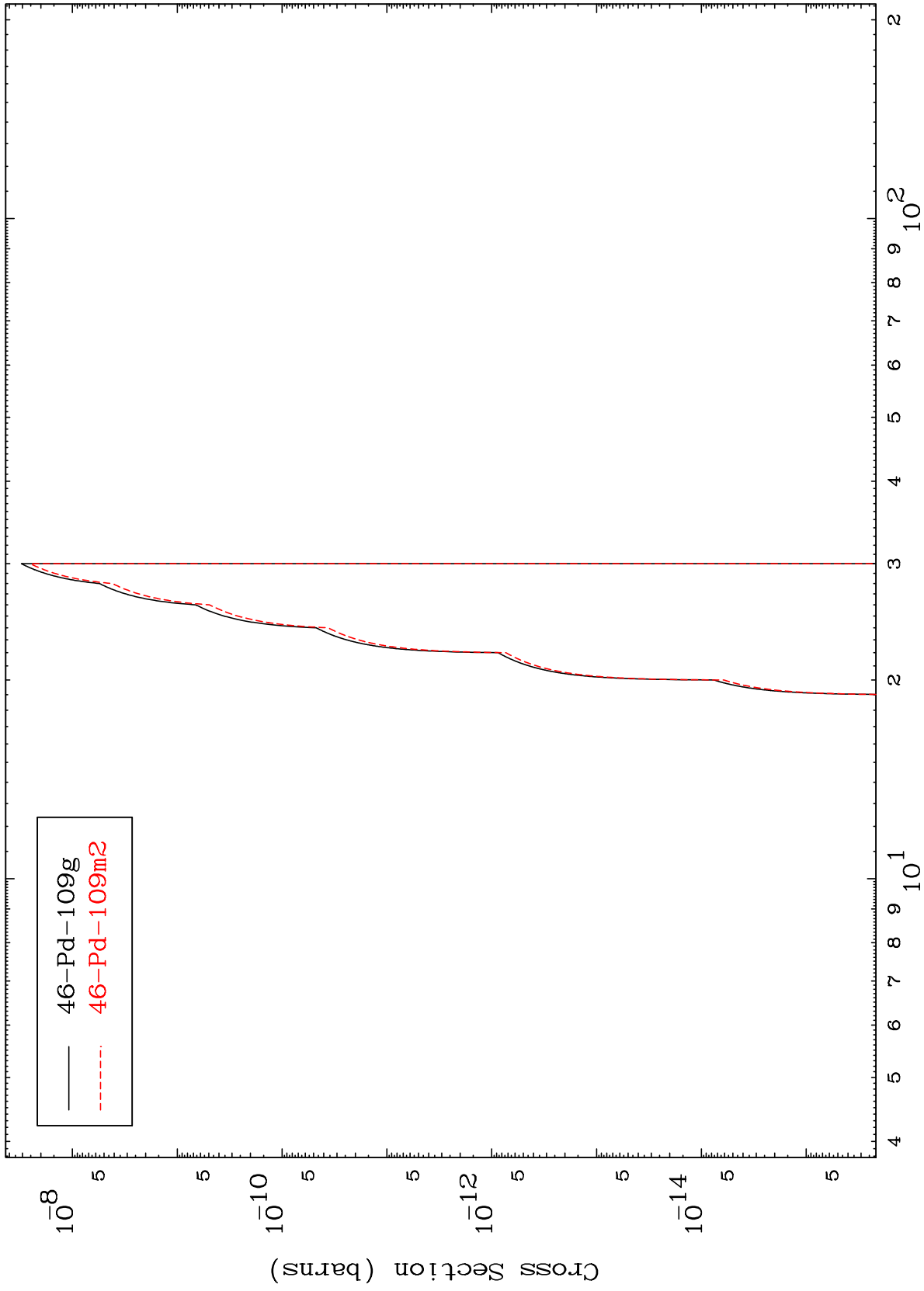
Radionuclide Production Cross Section



MAT 4846

48-Cd-113

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



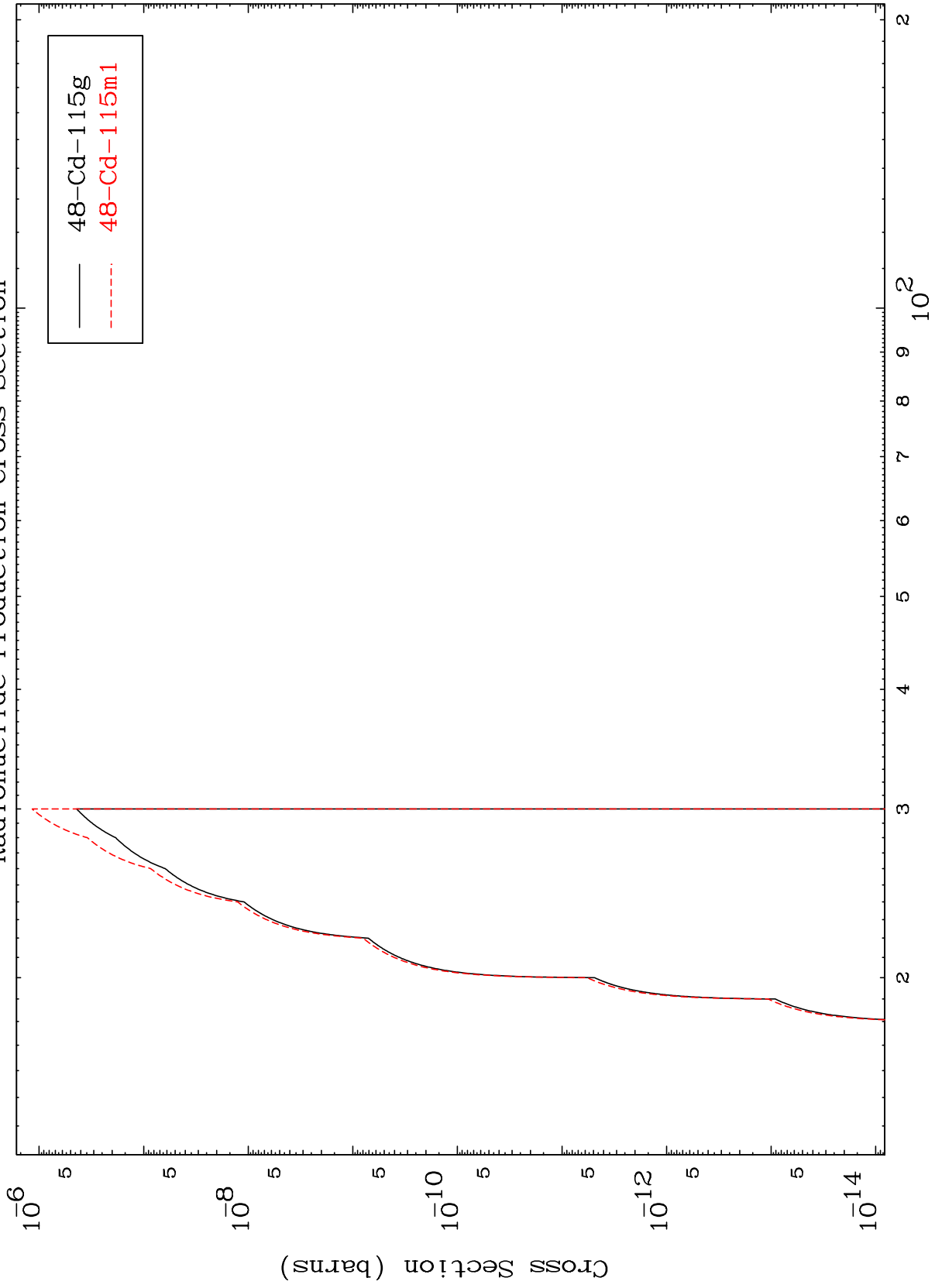
22

48-Cd-113

MAT 4846

48-Cd-113

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



23

48-Cd-113