

Program EVALPLOT  
(Version 2018-1)

by

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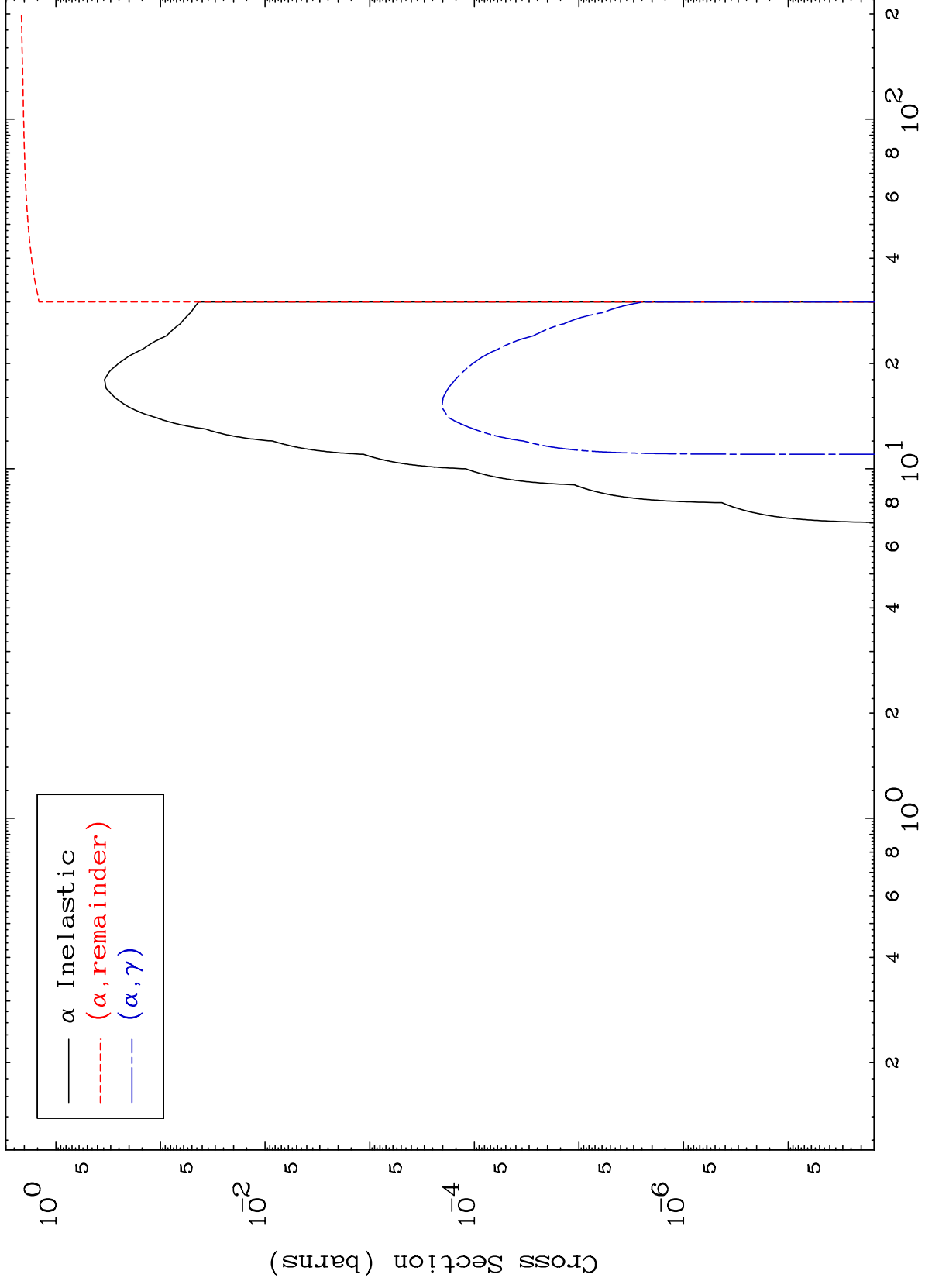
Press Mouse Button to Start

MAT 4843

$\alpha$  Major

48-Cd-112

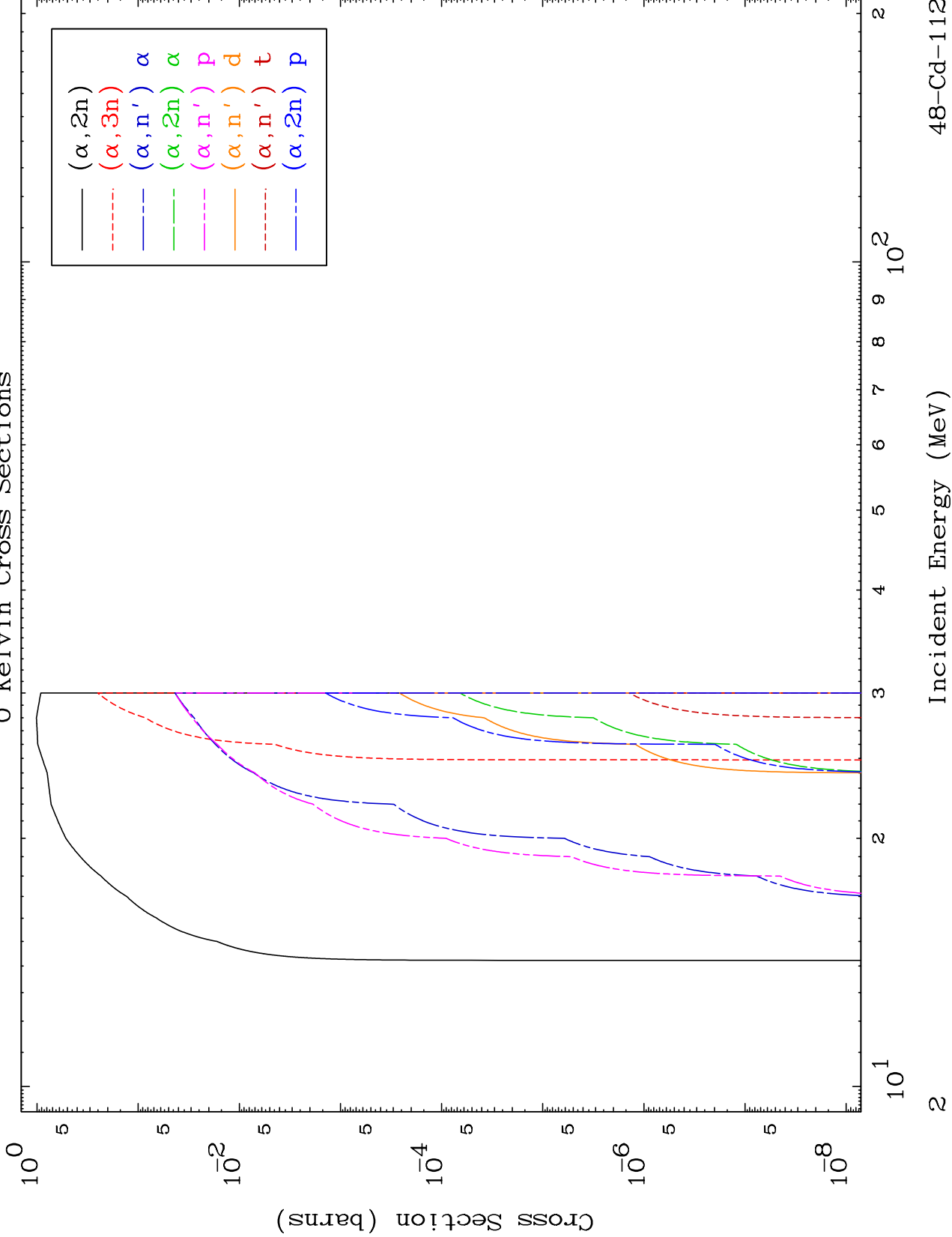
0 Kelvin Cross Sections



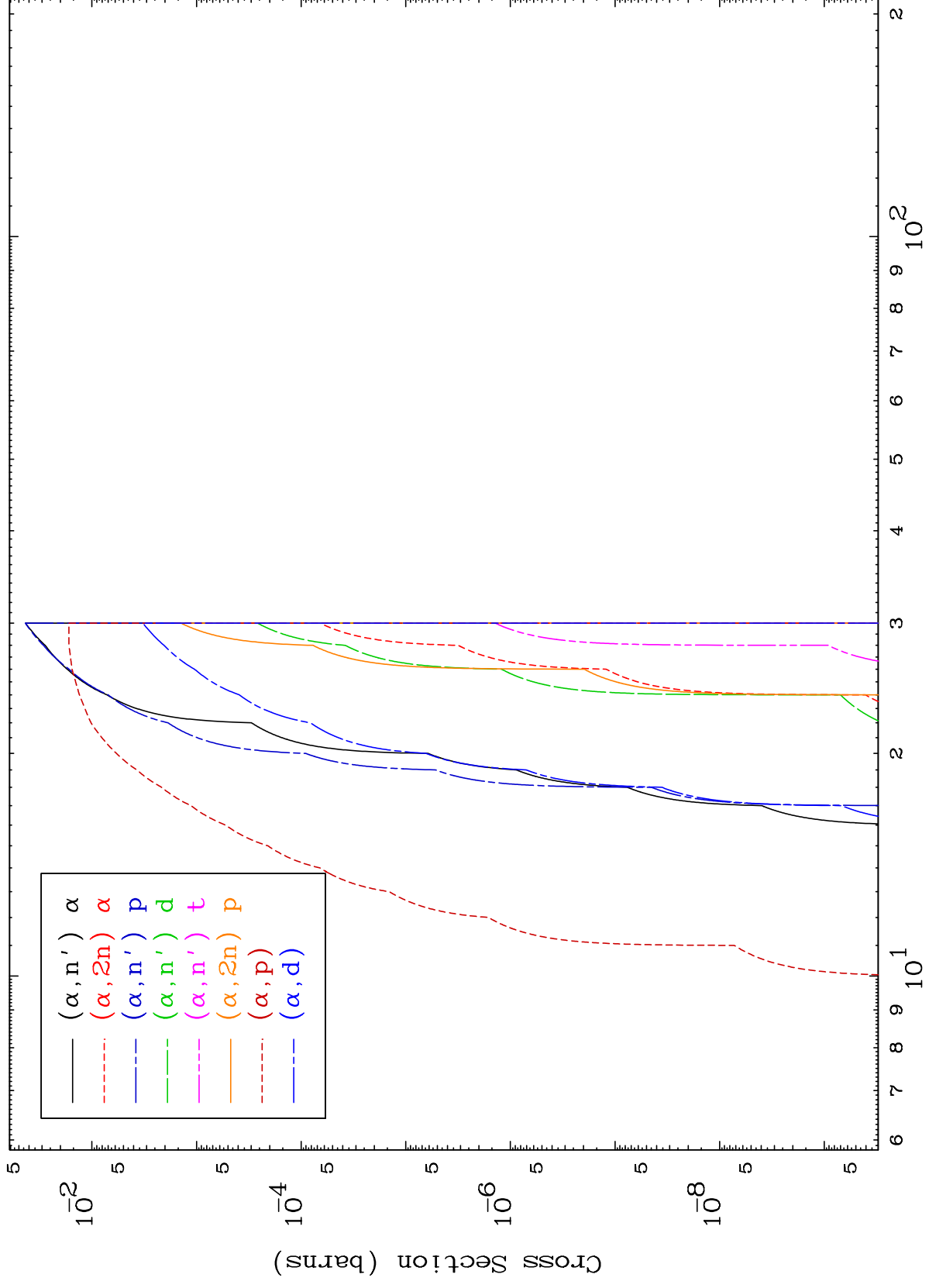
MAT 4843

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

48-Cd-112



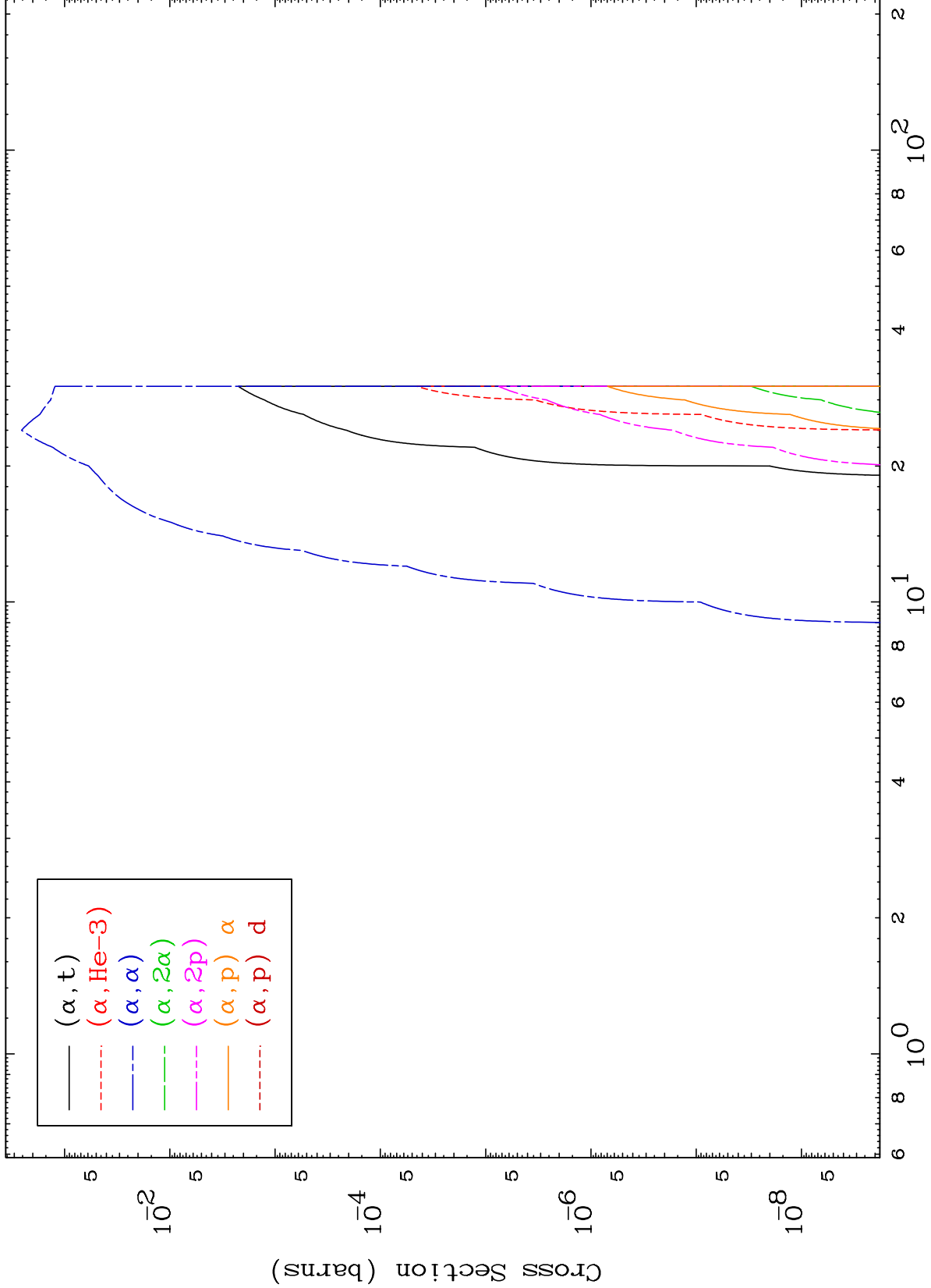
48-Cd-112



MAT 4843

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

48-Cd-112



4

Incident Energy (MeV)

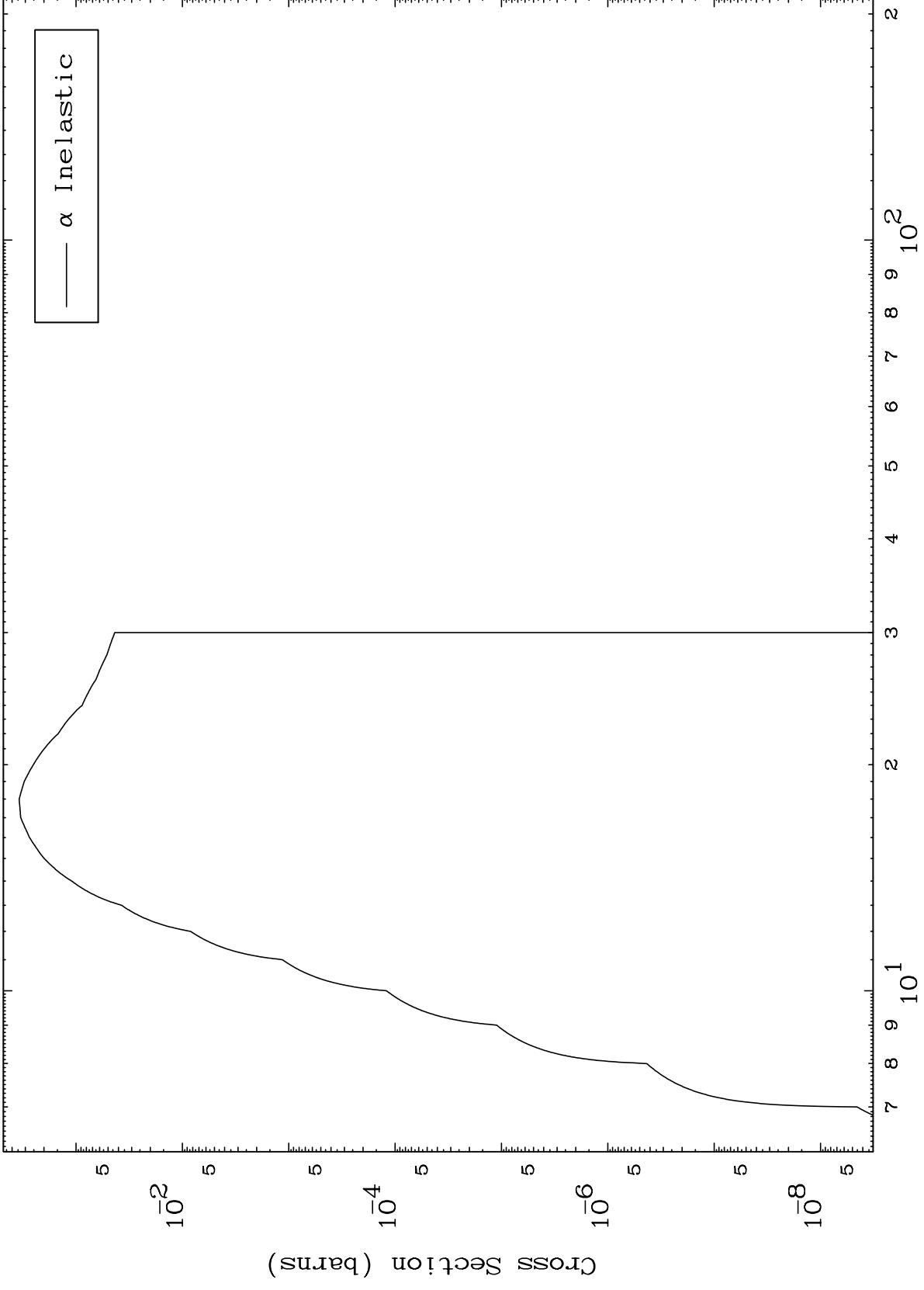
48-Cd-112

MAT 4843

( $\alpha, n'$ ) Level

48-Cd-112

0 Kelvin Cross Sections



5

Incident Energy (MeV)

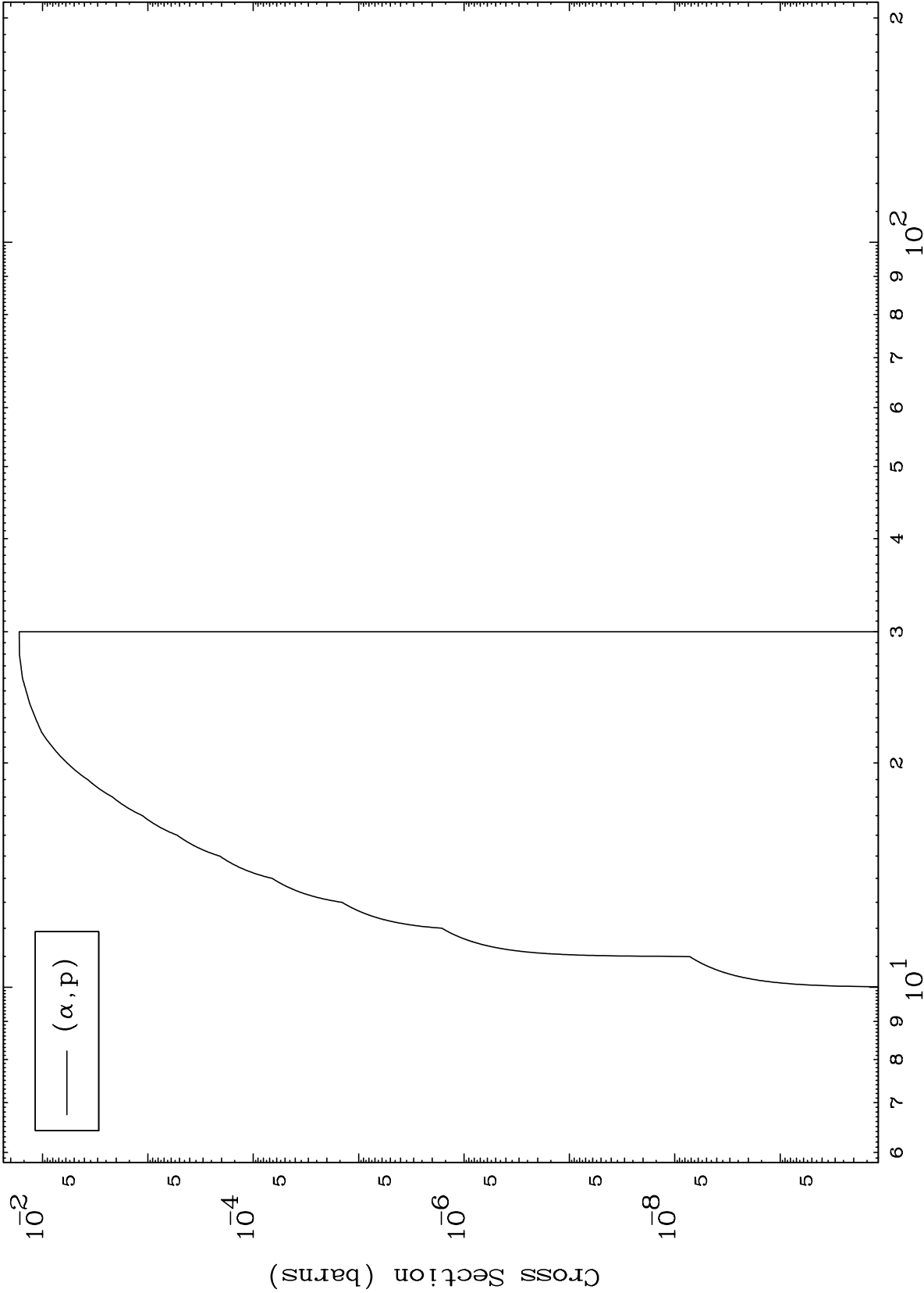
48-Cd-112

MAT 4843

( $\alpha, p$ ) Levels

48-Cd-112

0 Kelvin Cross Sections



6

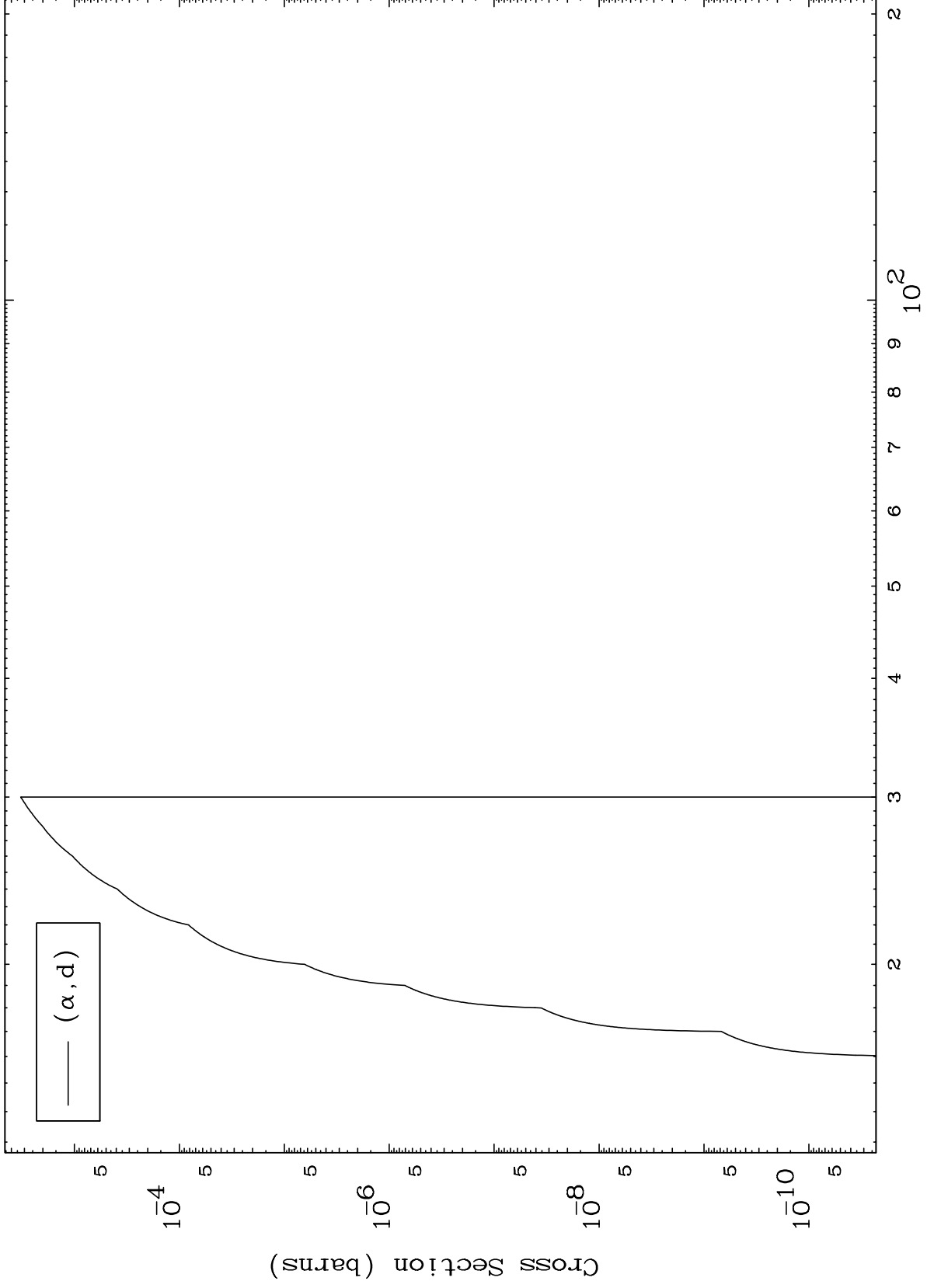
Incident Energy (MeV)

48-Cd-112

MAT 4843

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

48-Cd-112



7

Incident Energy (MeV)

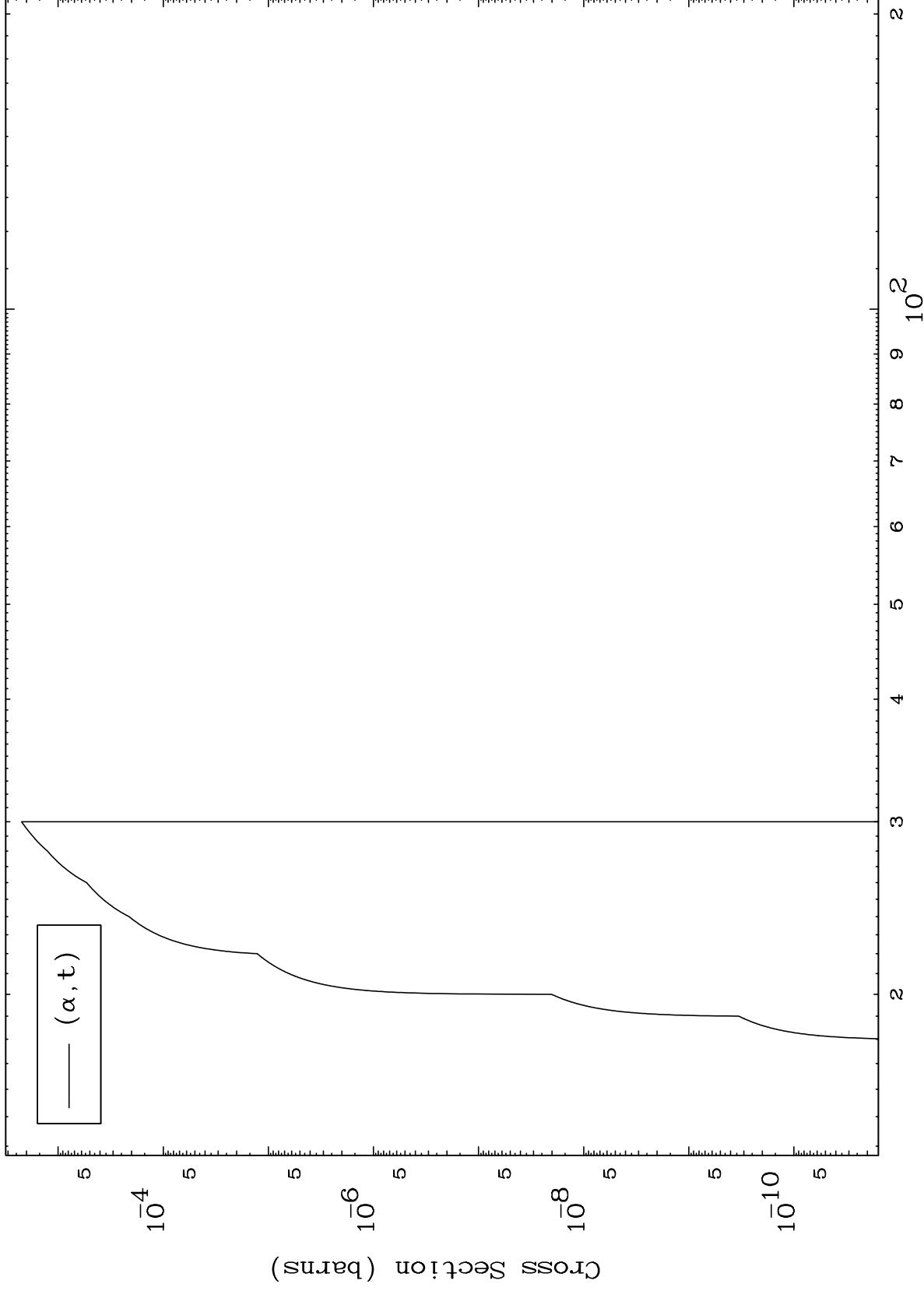
48-Cd-112



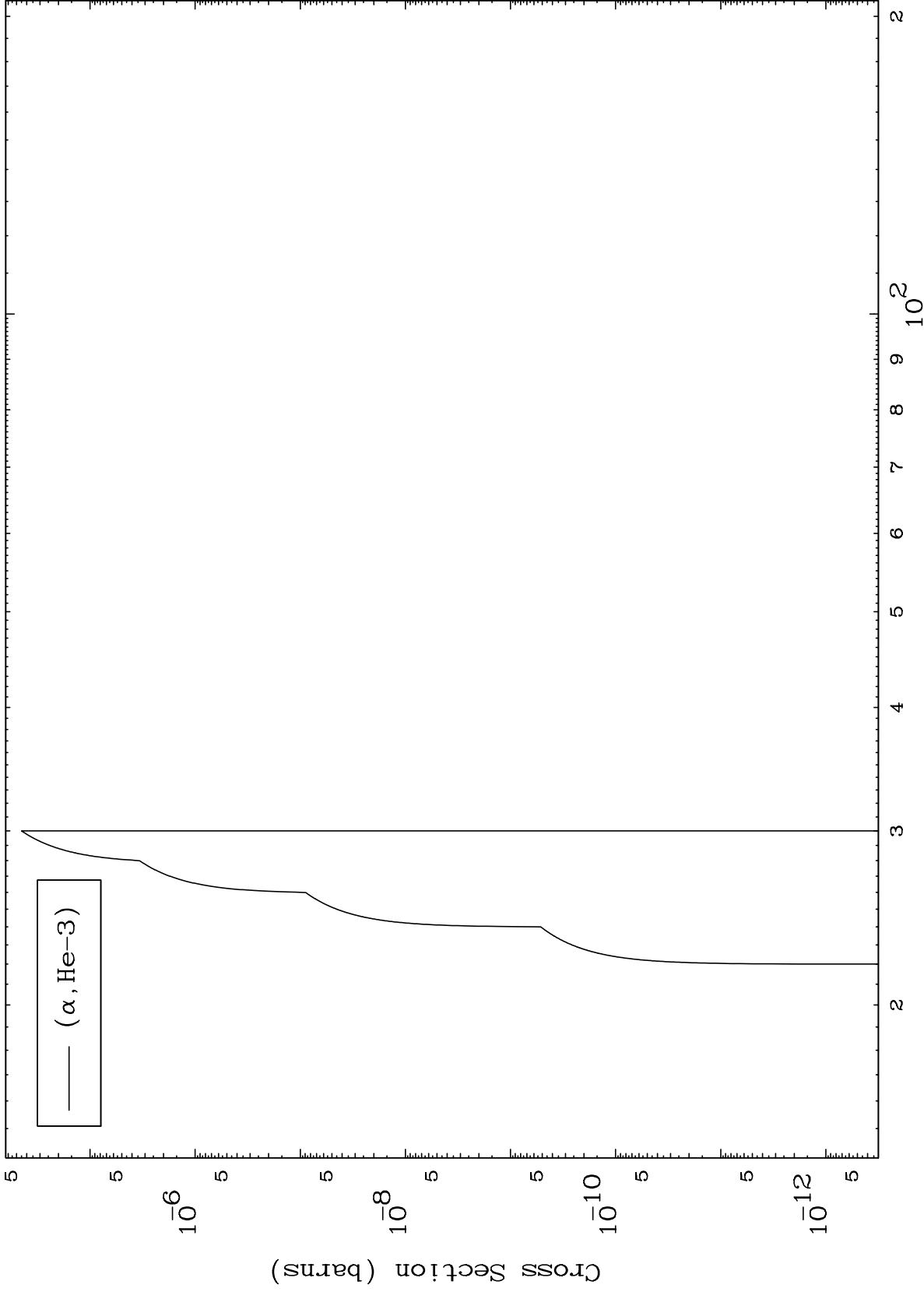
MAT 4843

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

48-Cd-112



0 Kelvin Cross Sections

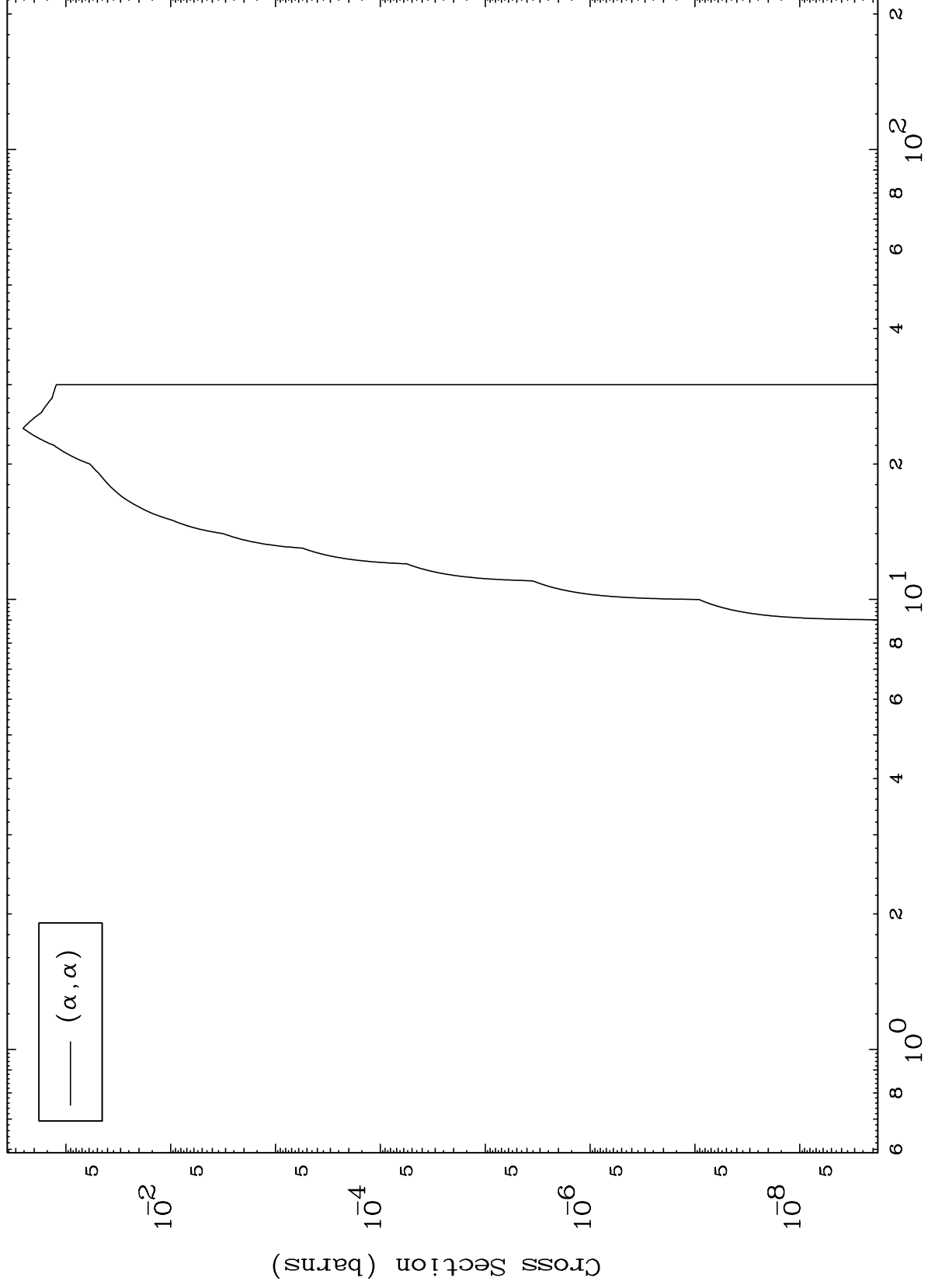


MAT 4843

( $\alpha, \alpha$ ) Levels

48-Cd-112

0 Kelvin Cross Sections



10

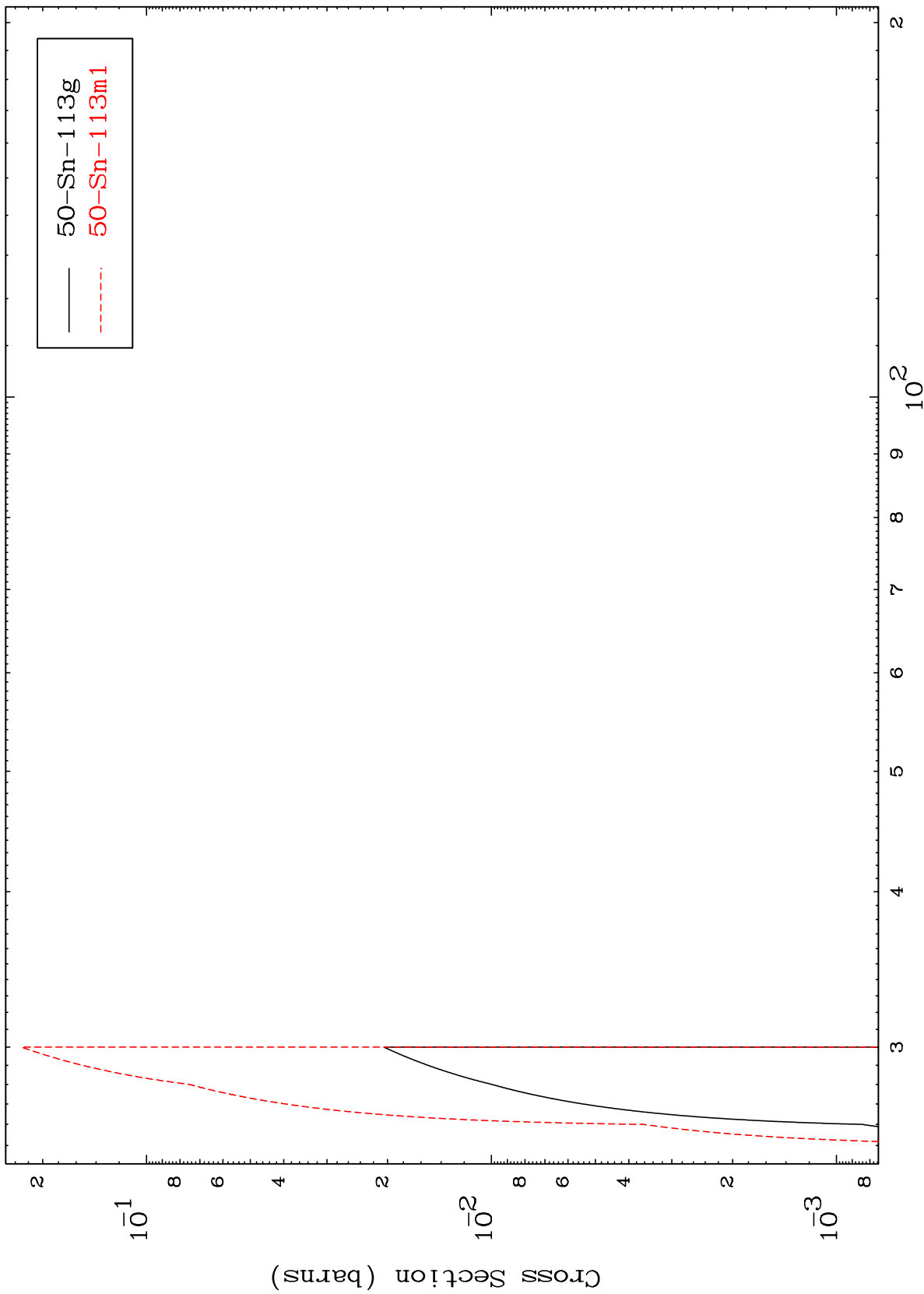
Incident Energy (MeV)

48-Cd-112

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48-Cd-112

( $\alpha, 3n$ )  
Radionuclide Production Cross Section



50-Sn-113g  
50-Sn-113m1

11

Incident Energy (MeV)

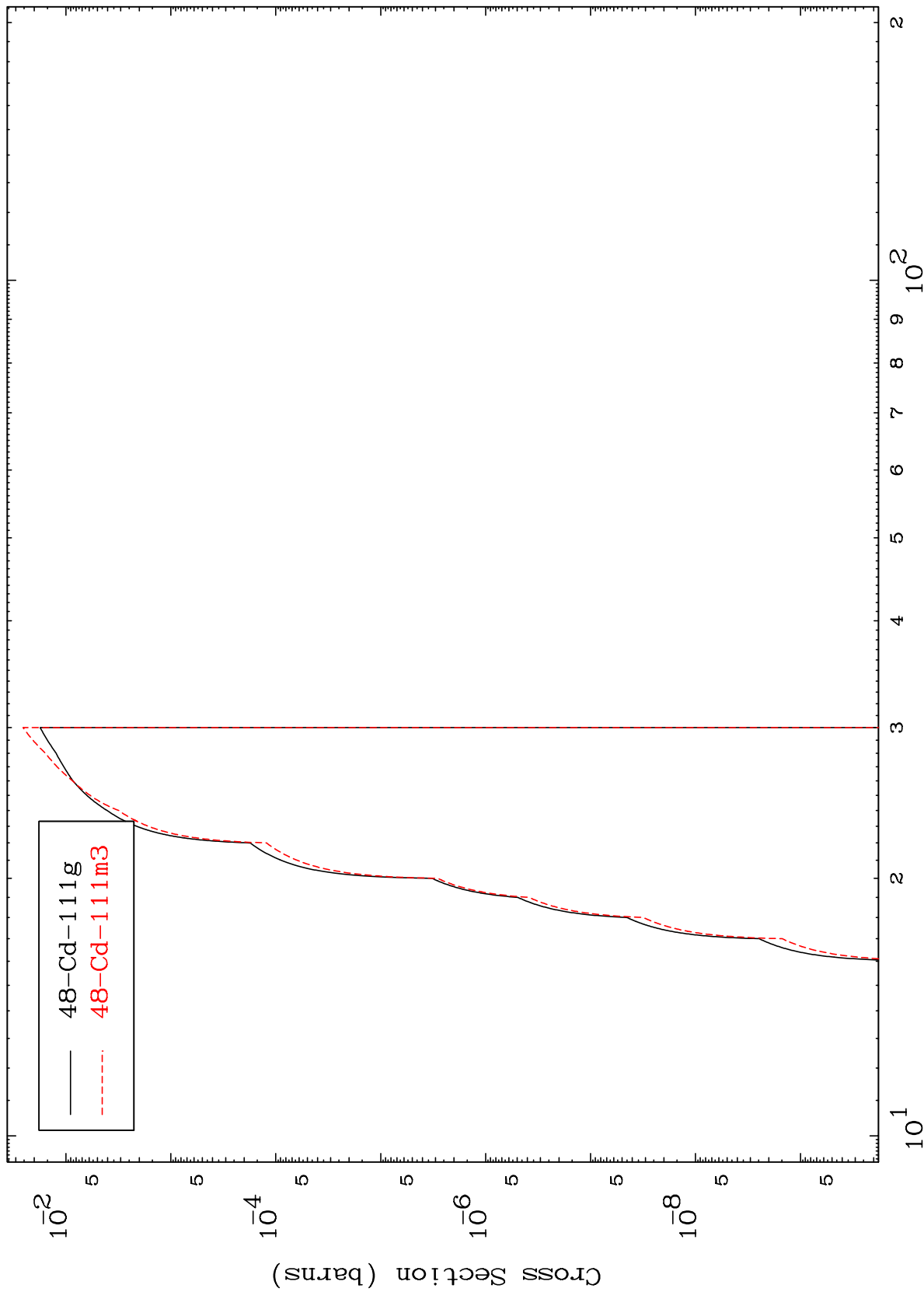
48-Cd-112

MAT 4843

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

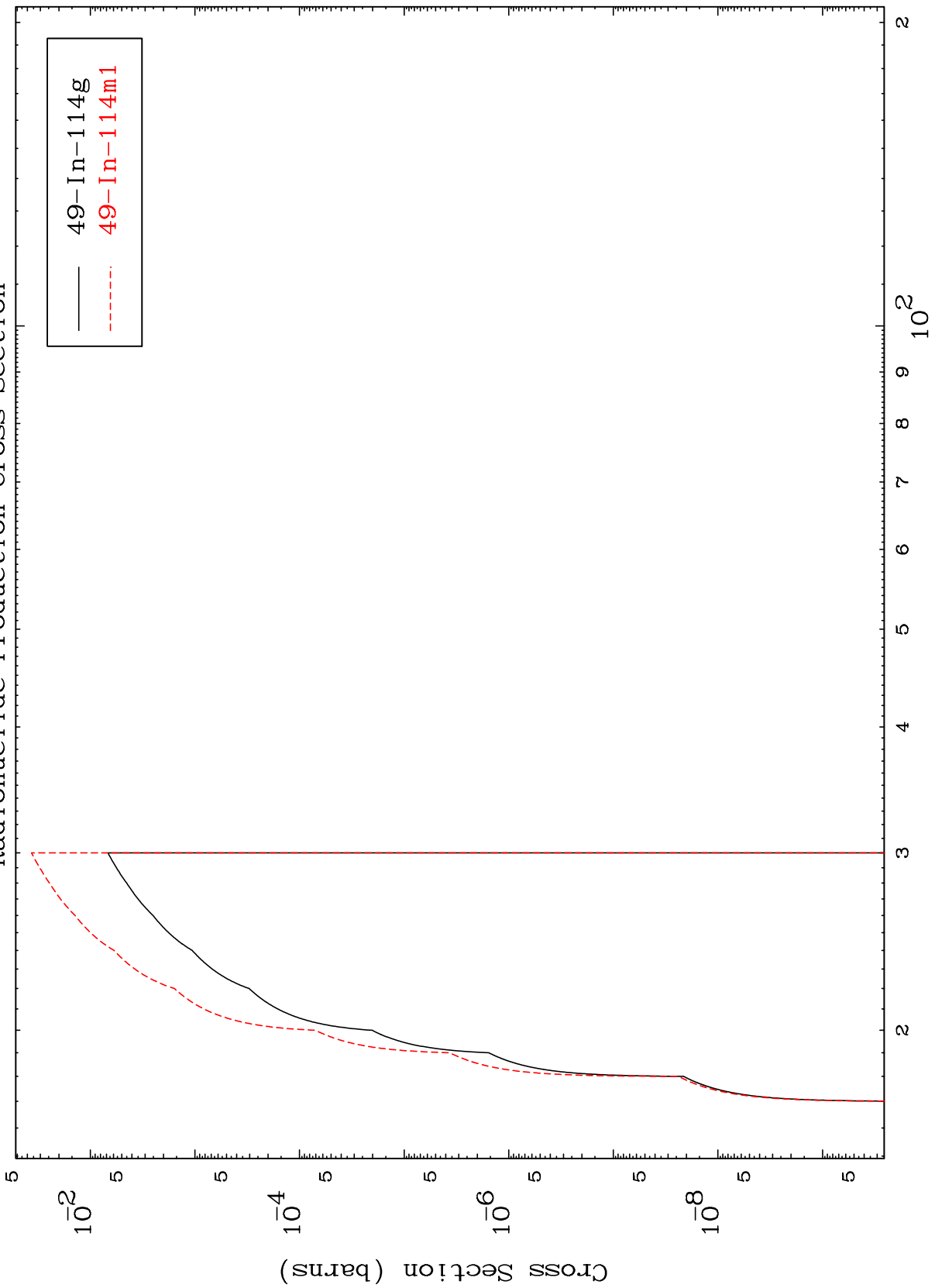
48-Cd-112

Radionuclide Production Cross Section



48-Cd-112

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

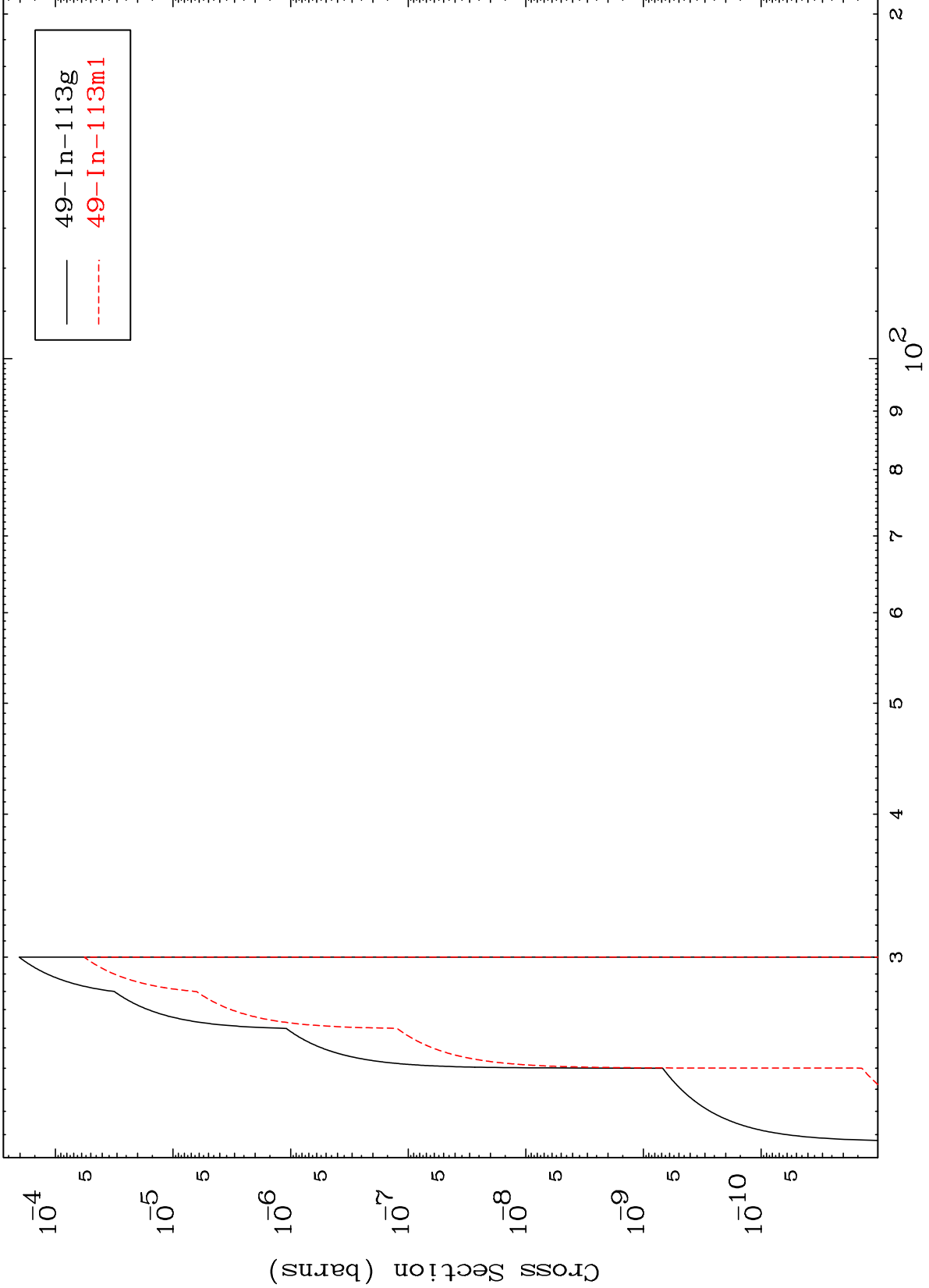


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( $\alpha, n'$ ) d

48-Cd-112

Radionuclide Production Cross Section



14

Incident Energy (MeV)

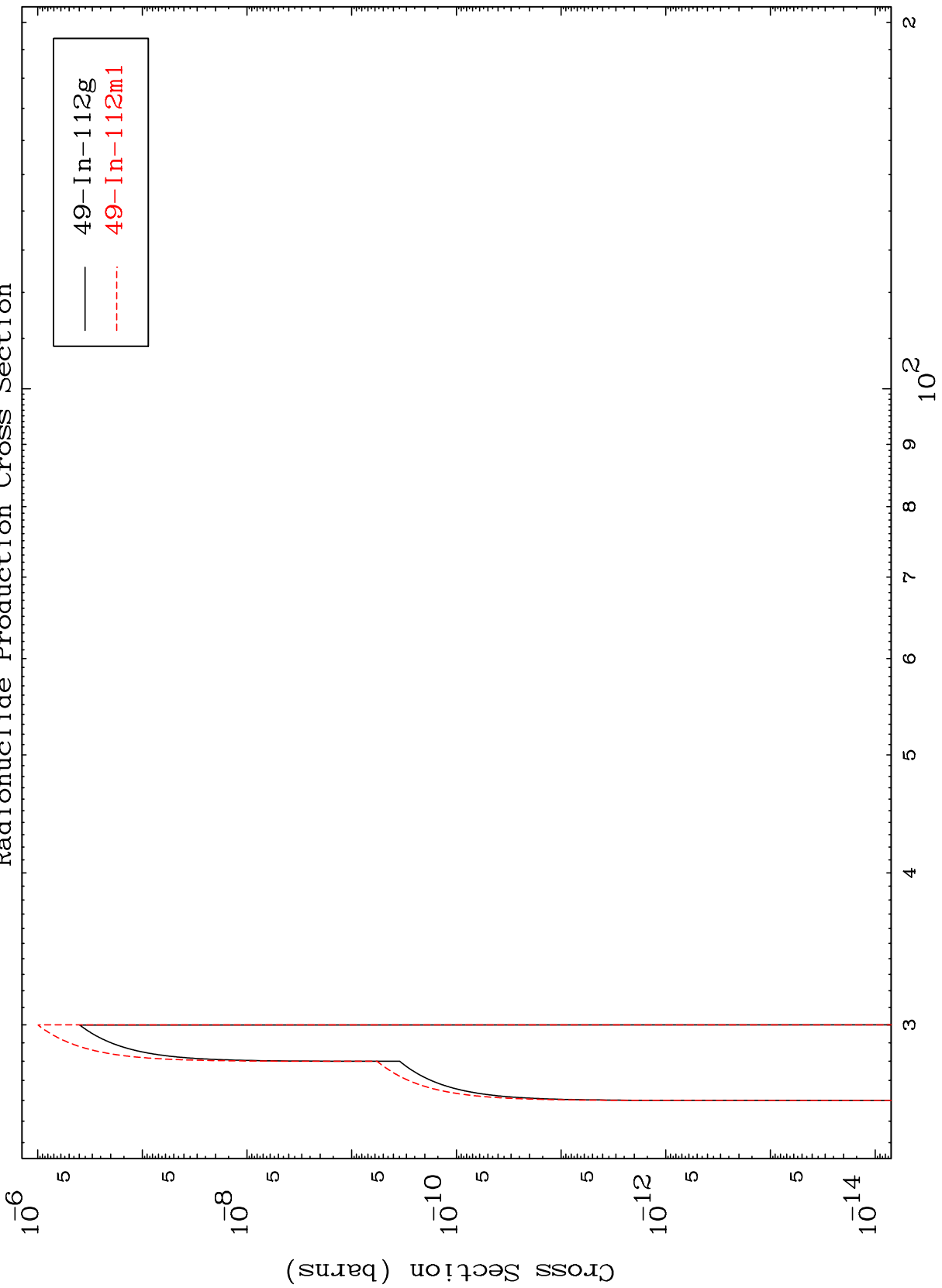
48-Cd-112

MAT 4843

$(\alpha, n')$  t

48-Cd-112

Radionuclide Production Cross Section



49-In-112g  
49-In-112m1

15

Incident Energy (MeV)

48-Cd-112

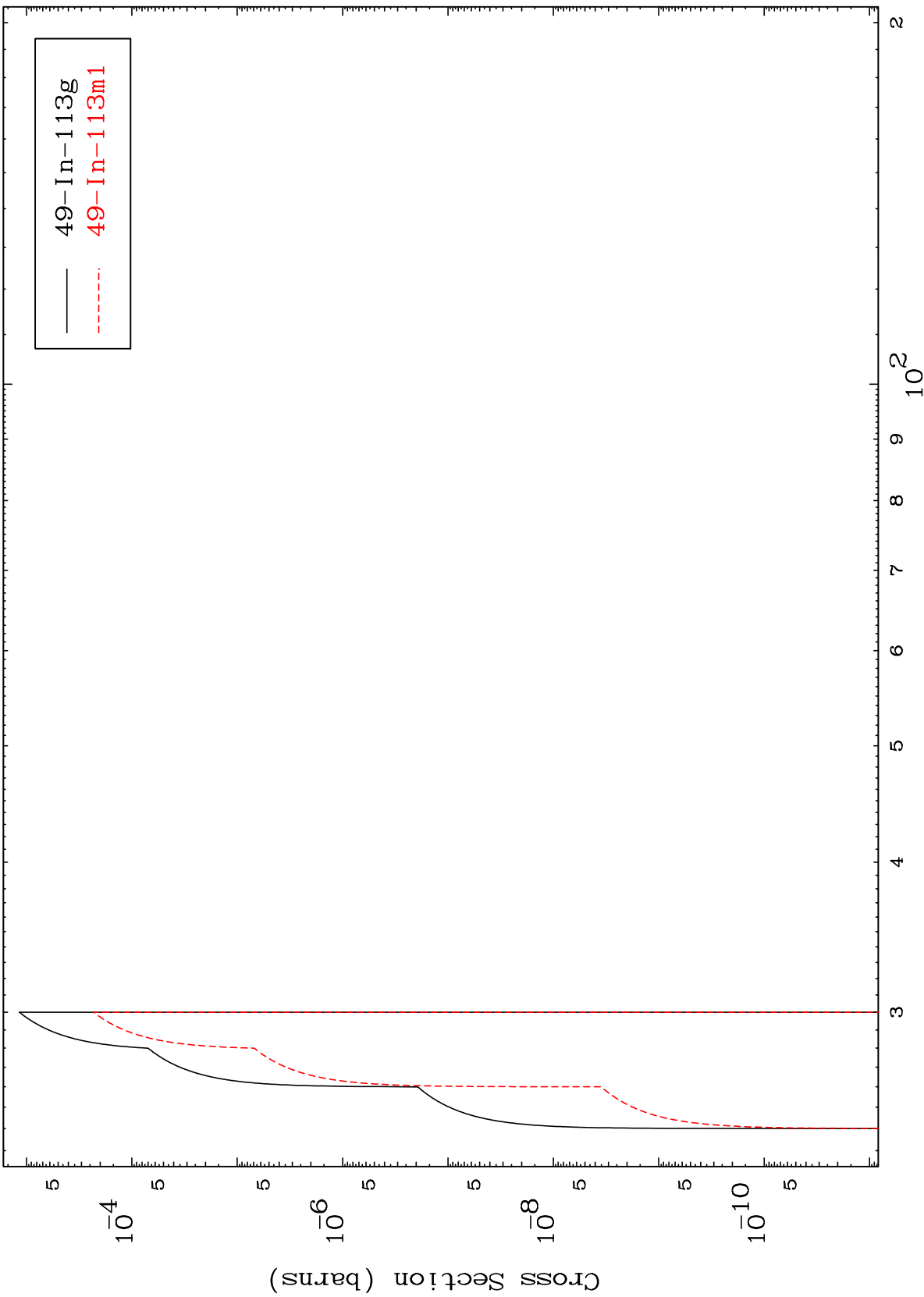


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( $\alpha, 2n$ ) p

48-Cd-112

Radionuclide Production Cross Section



16

Incident Energy (MeV)

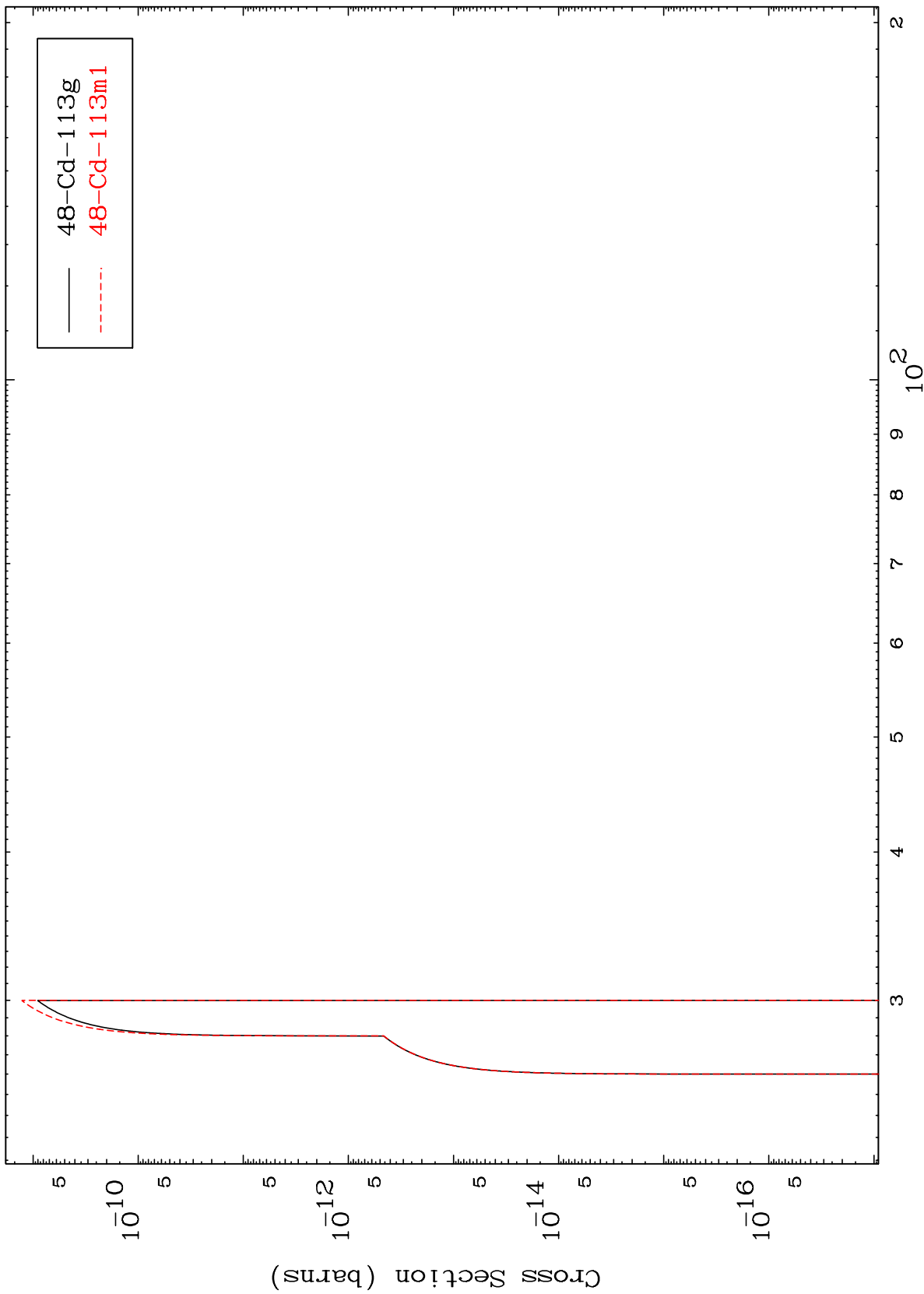
48-Cd-112

MAT 4843

( $\alpha, 2n$ ) p

48-Cd-112

Radionuclide Production Cross Section



17

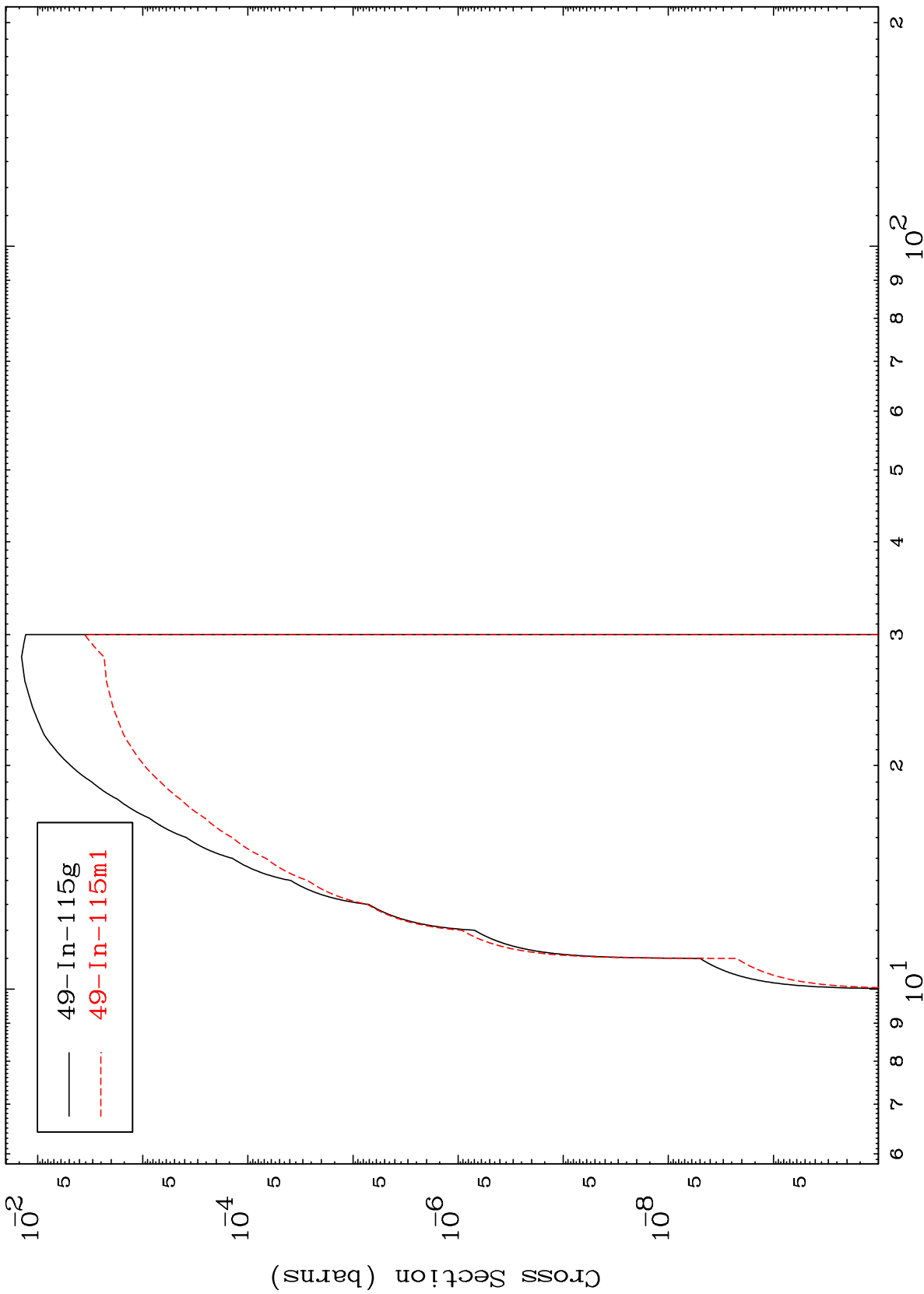
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

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



18

Incident Energy (MeV)

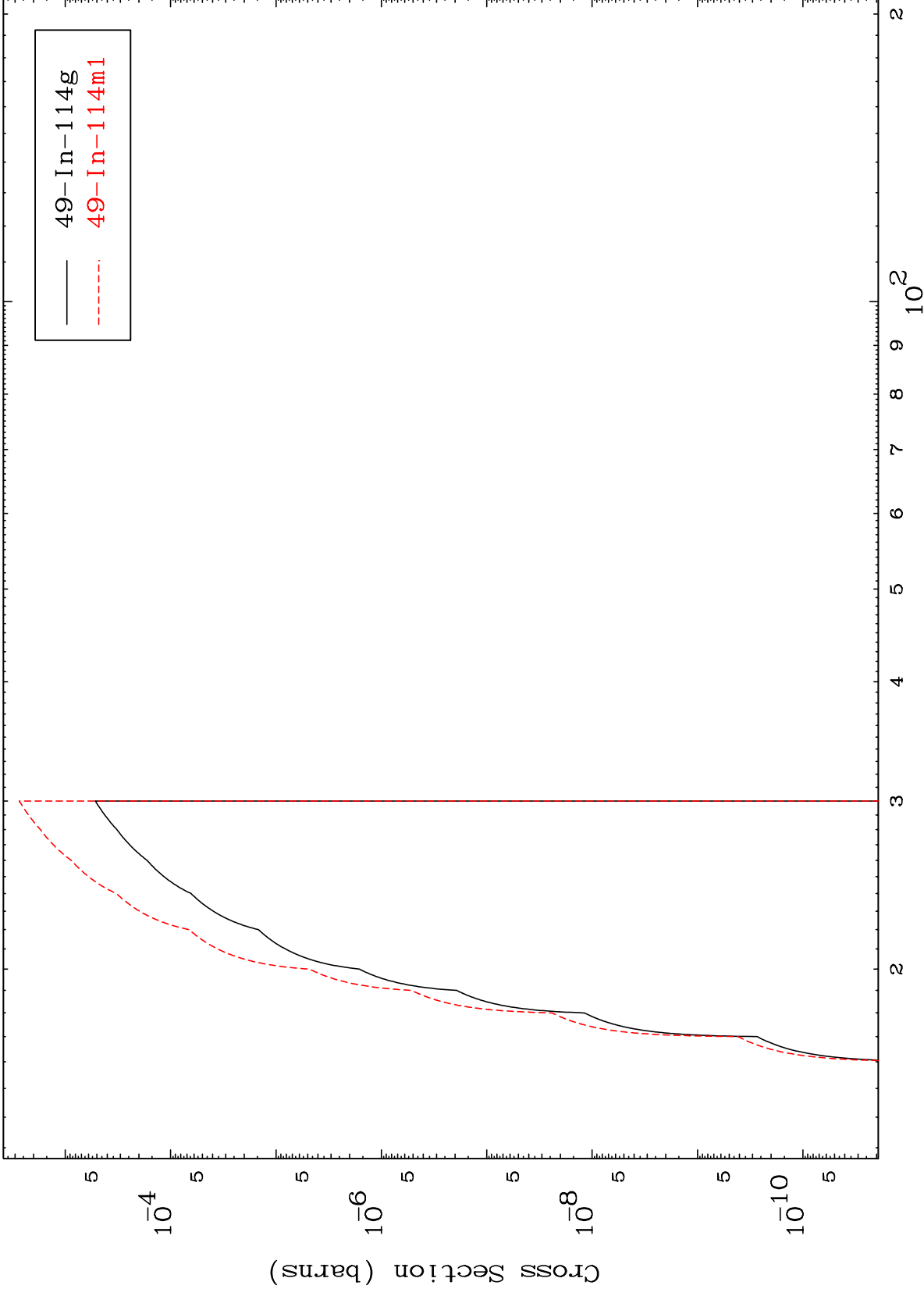
48-Cd-112

MAT 4843

( $\alpha, d$ )

48-Cd-112

Radionuclide Production Cross Section



19

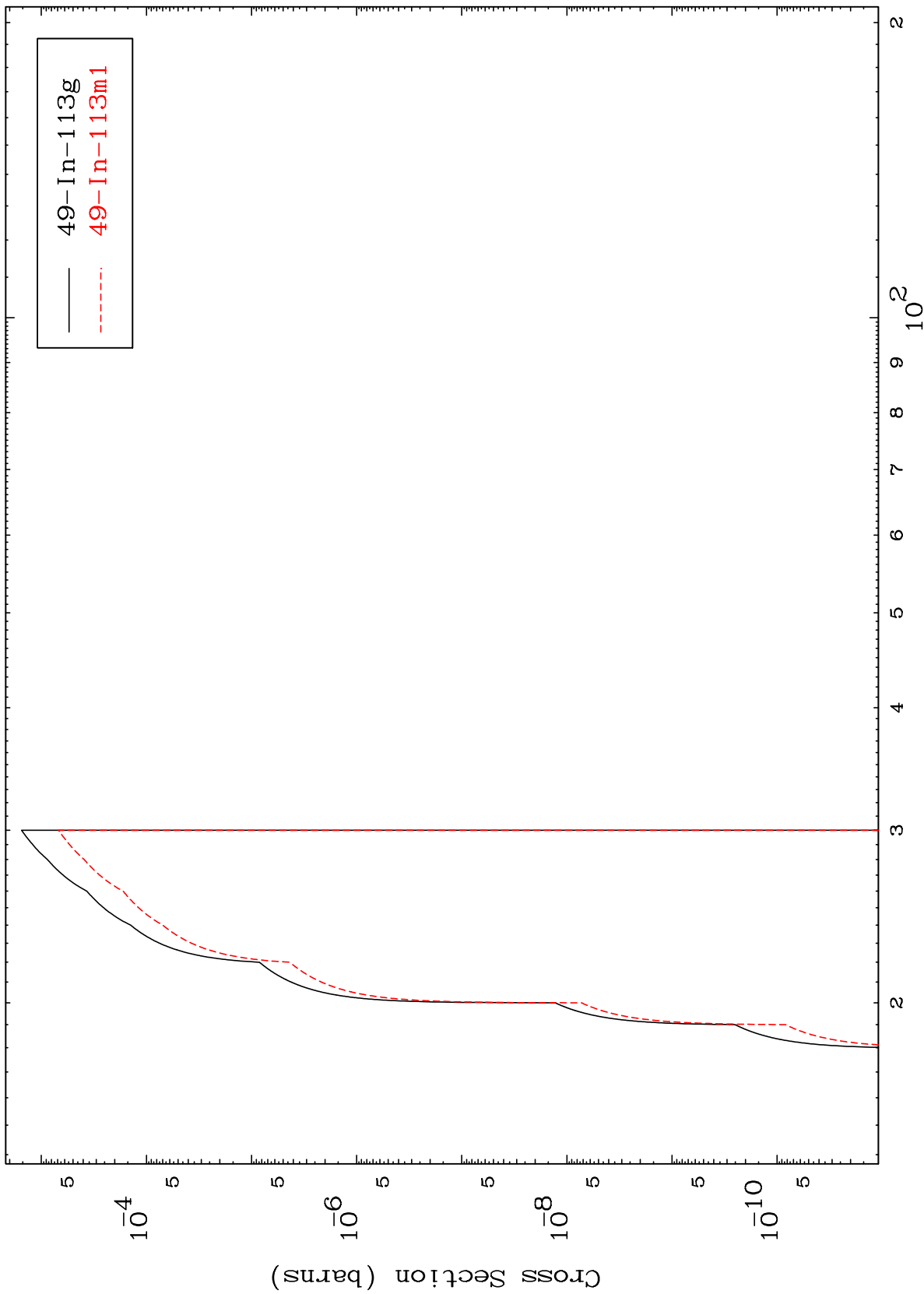
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

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



20

Incident Energy (MeV)

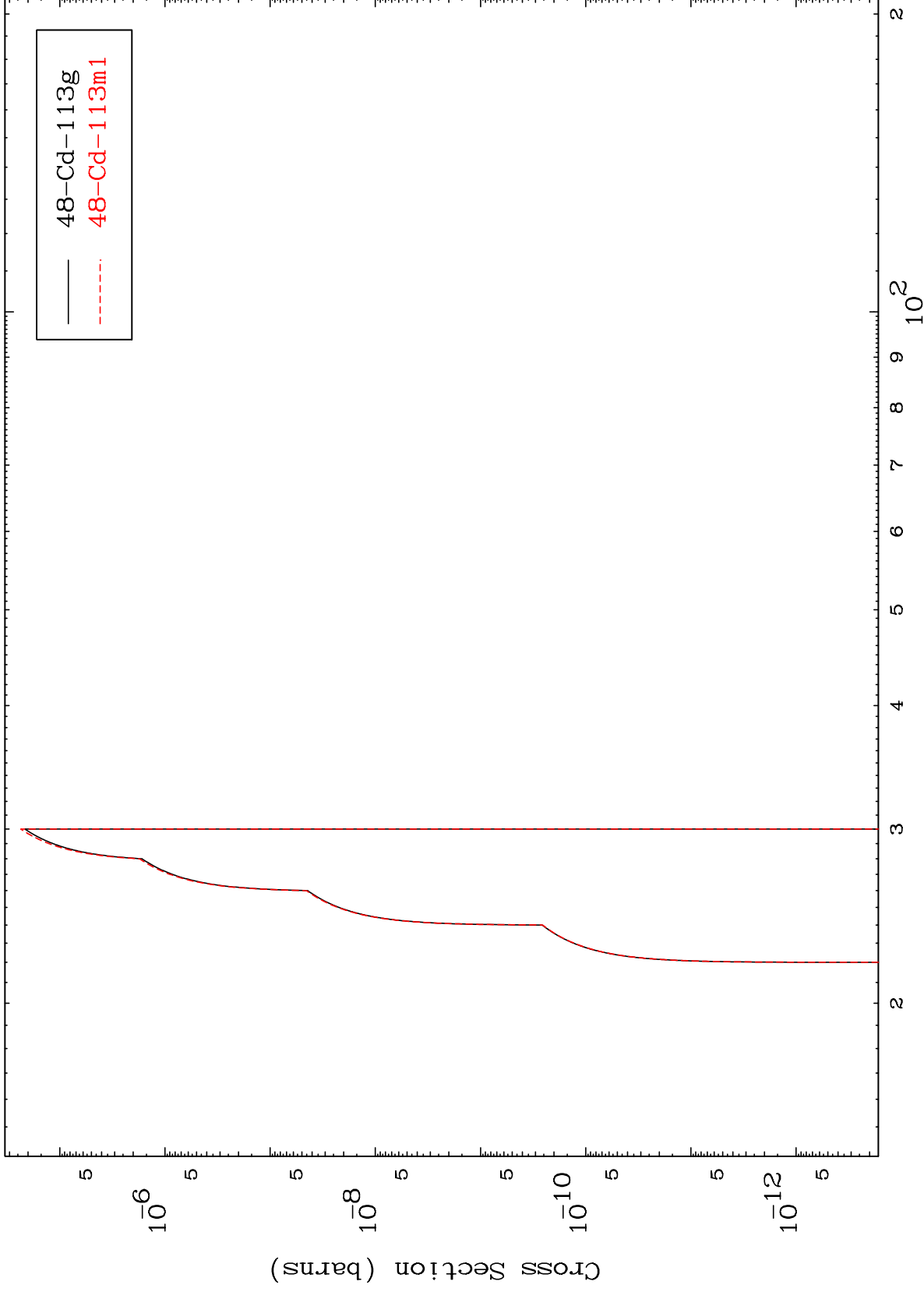
48-Cd-112

MAT 4843

( $\alpha, \text{He-3}$ )

48-Cd-112

Radionuclide Production Cross Section



21

Incident Energy (MeV)

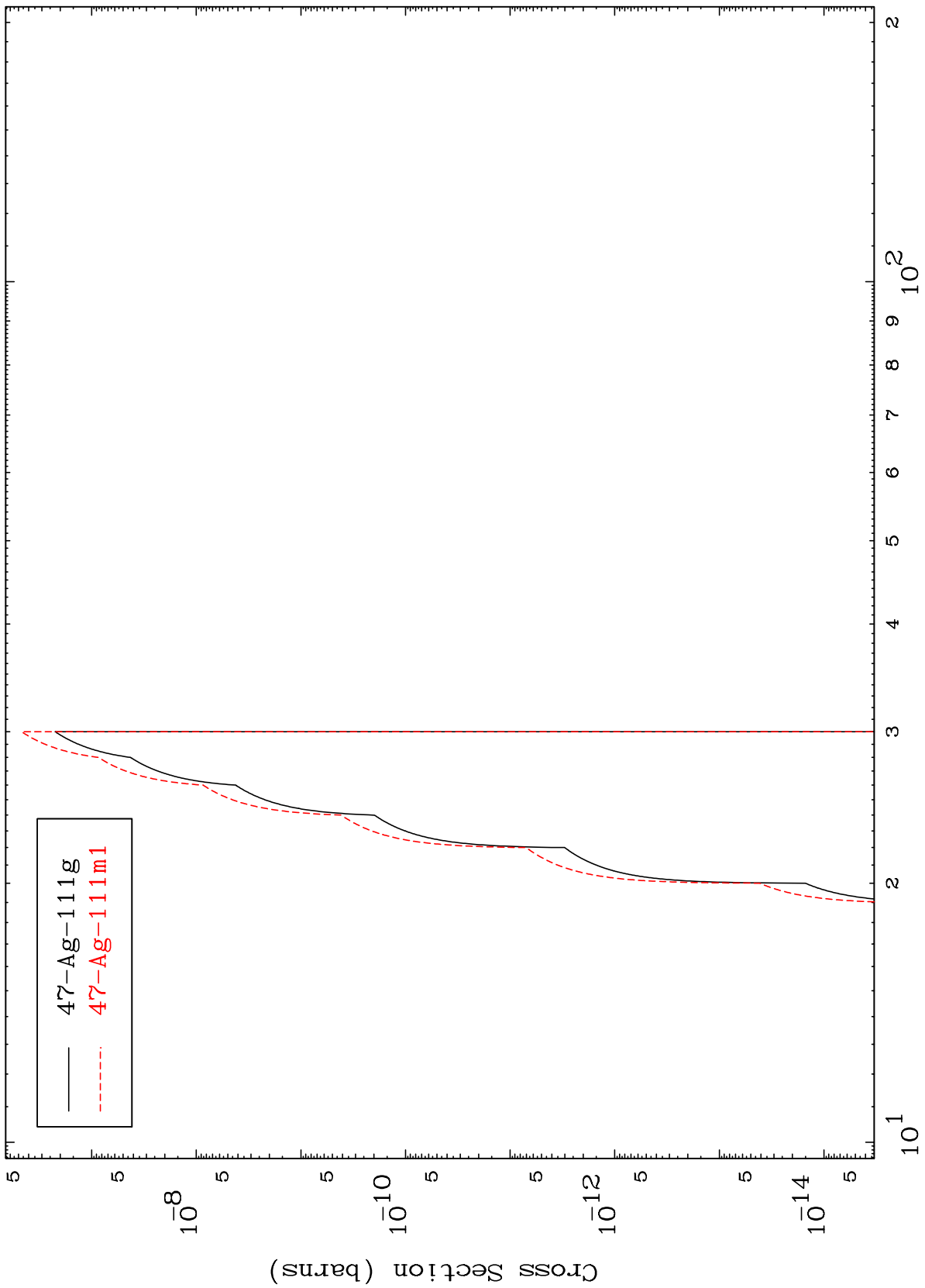
48-Cd-112

MAT 4843

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

48-Cd-112

Radionuclide Production Cross Section



— 47-Ag-111g  
- - - 47-Ag-111m1

Incident Energy (MeV)

48-Cd-112

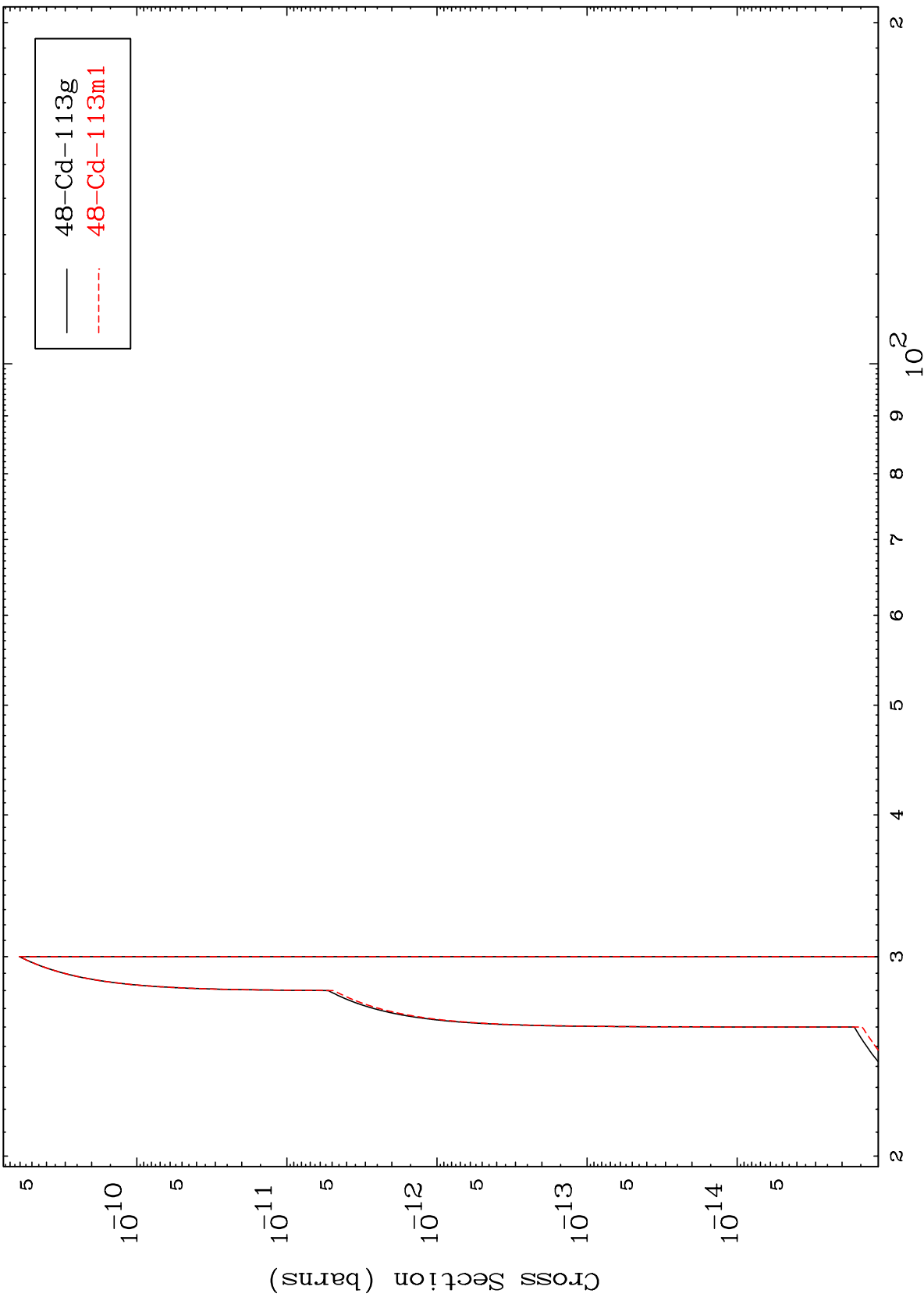
22

MAT 4843

( $\alpha, p$ ) d

48-Cd-112

Radionuclide Production Cross Section



23

Incident Energy (MeV)

48-Cd-112