

Program EVALPLOT
(Version 2018-1)

by

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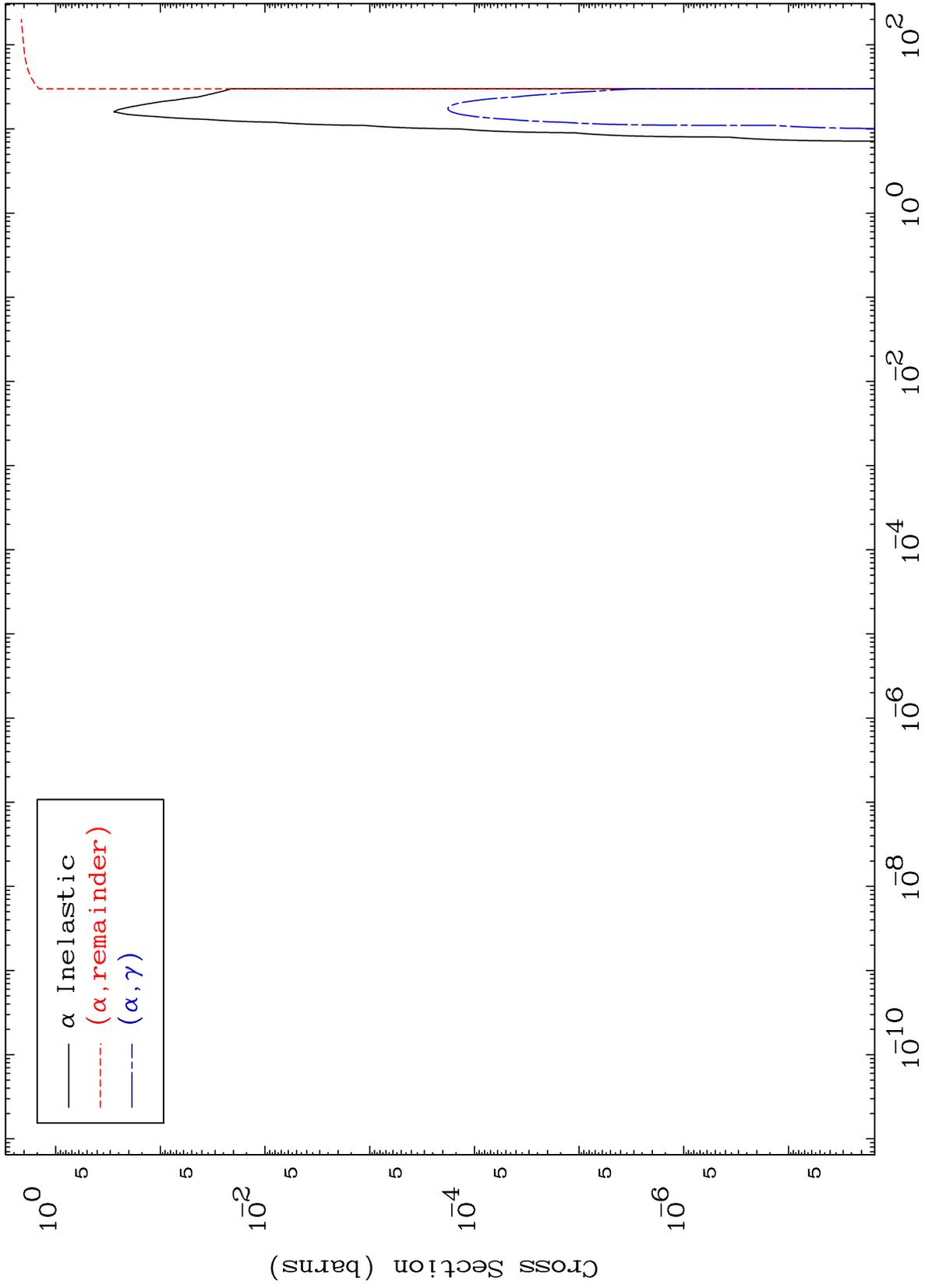
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4840

0 Kelvin α Major
Cross Sections

48-Cd-111



1

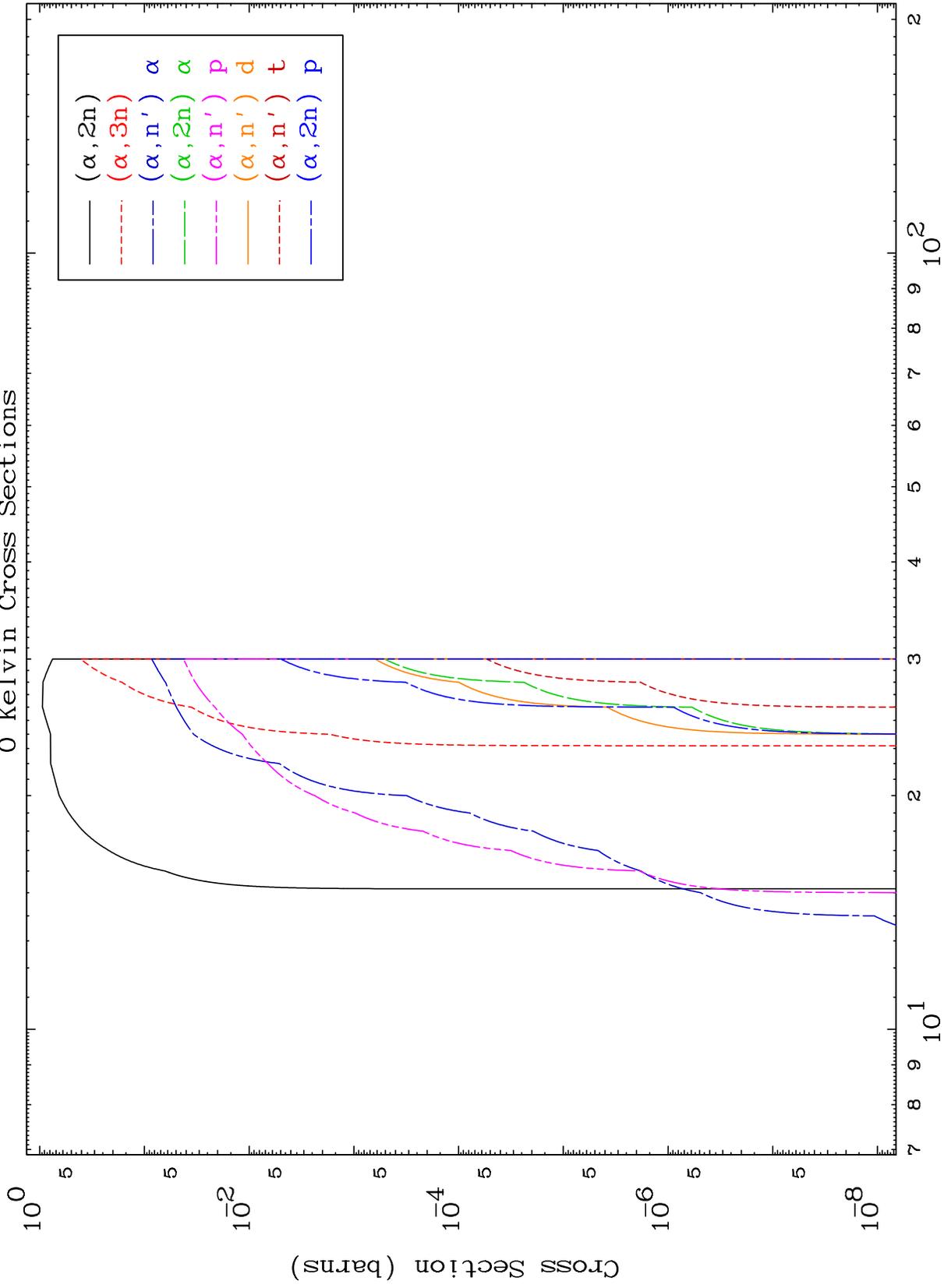
Incident Energy (MeV)

48-Cd-111

MAT 4840

α Neutron Production
0 Kelvin Cross Sections

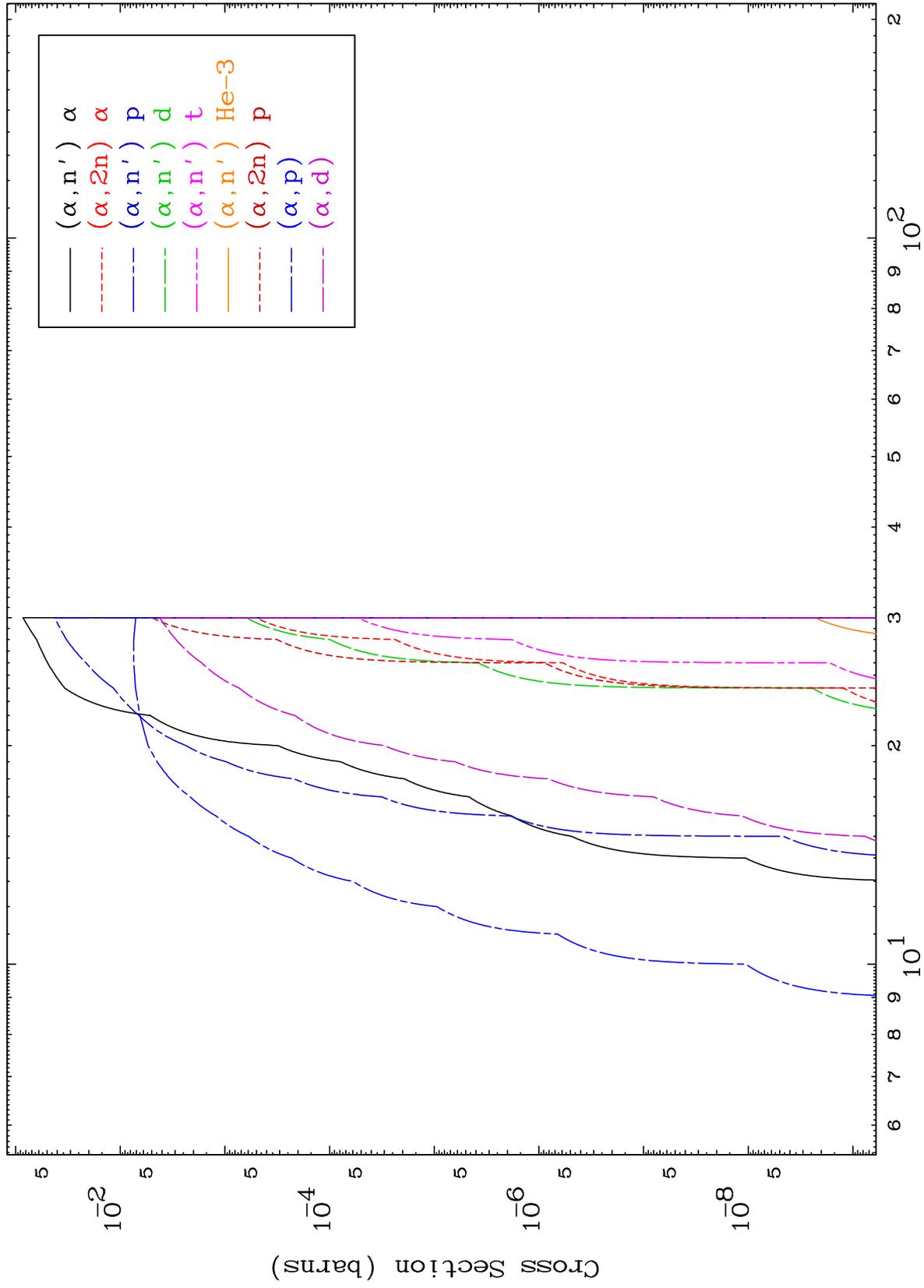
48-Cd-111



2

Incident Energy (MeV)

48-Cd-111

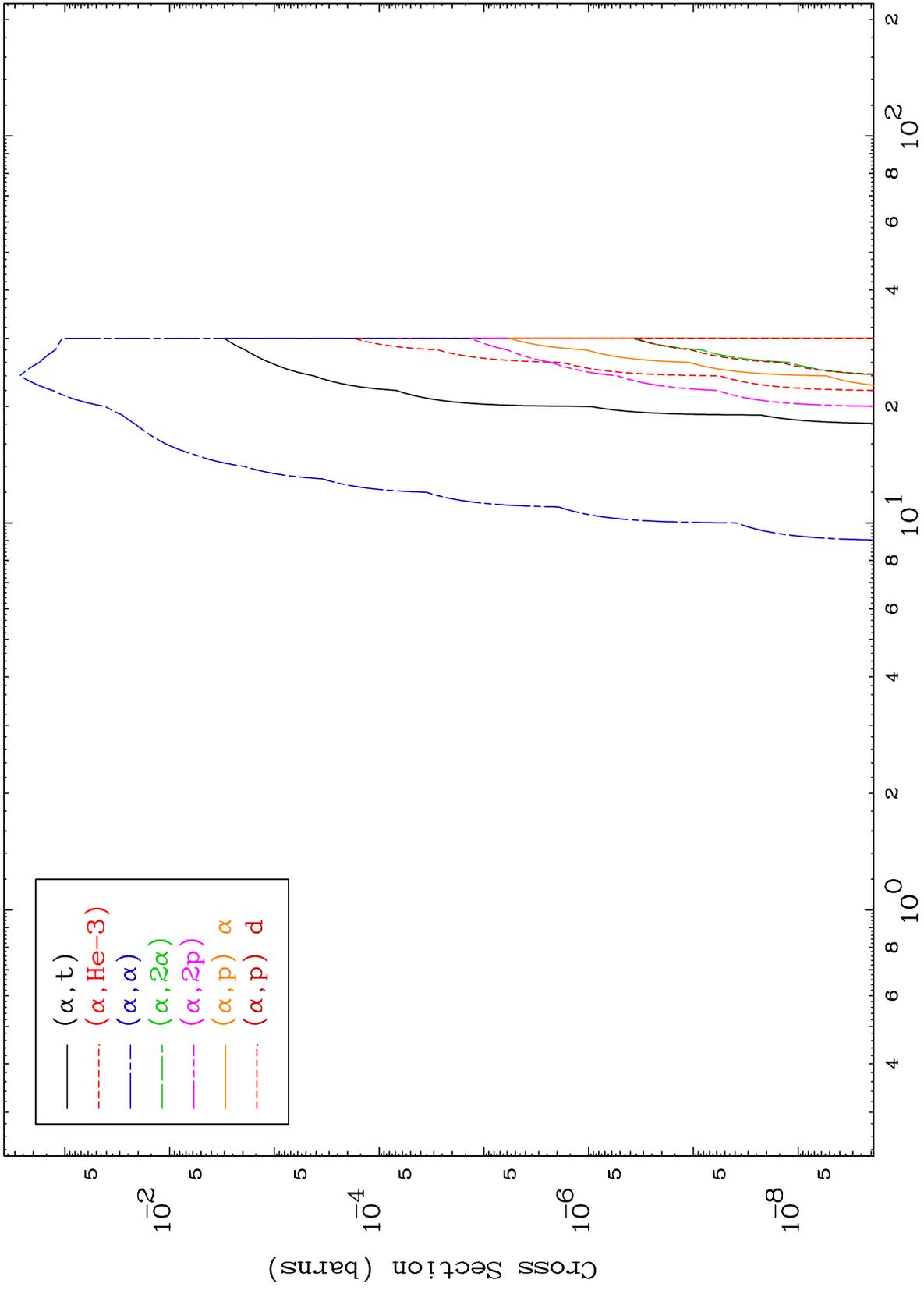


MAT 4840

α Charged Particle

48-Cd-111

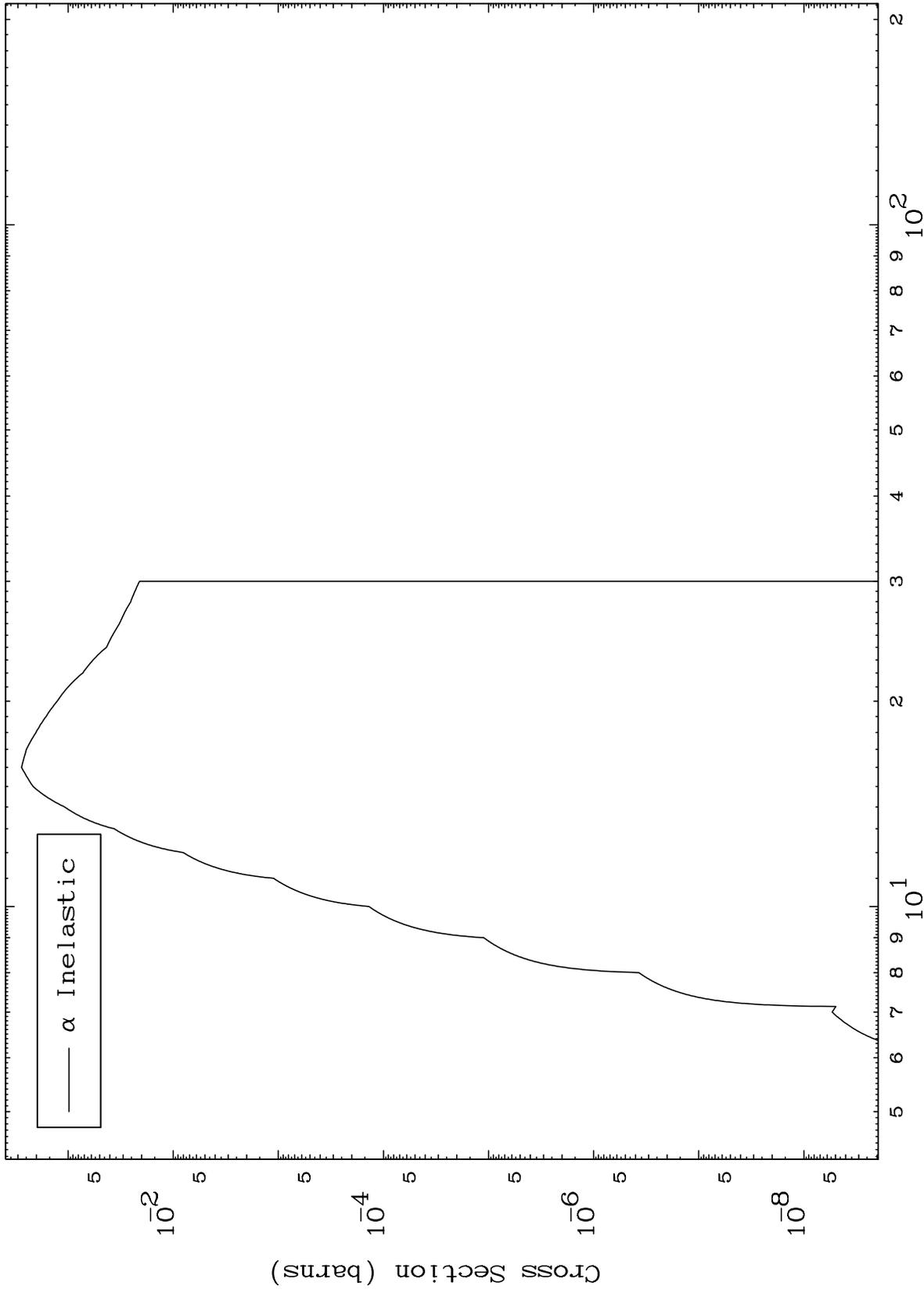
0 Kelvin Cross Sections



MAT 4840

(α, n') Level
0 Kelvin Cross Sections

48-Cd-111



5

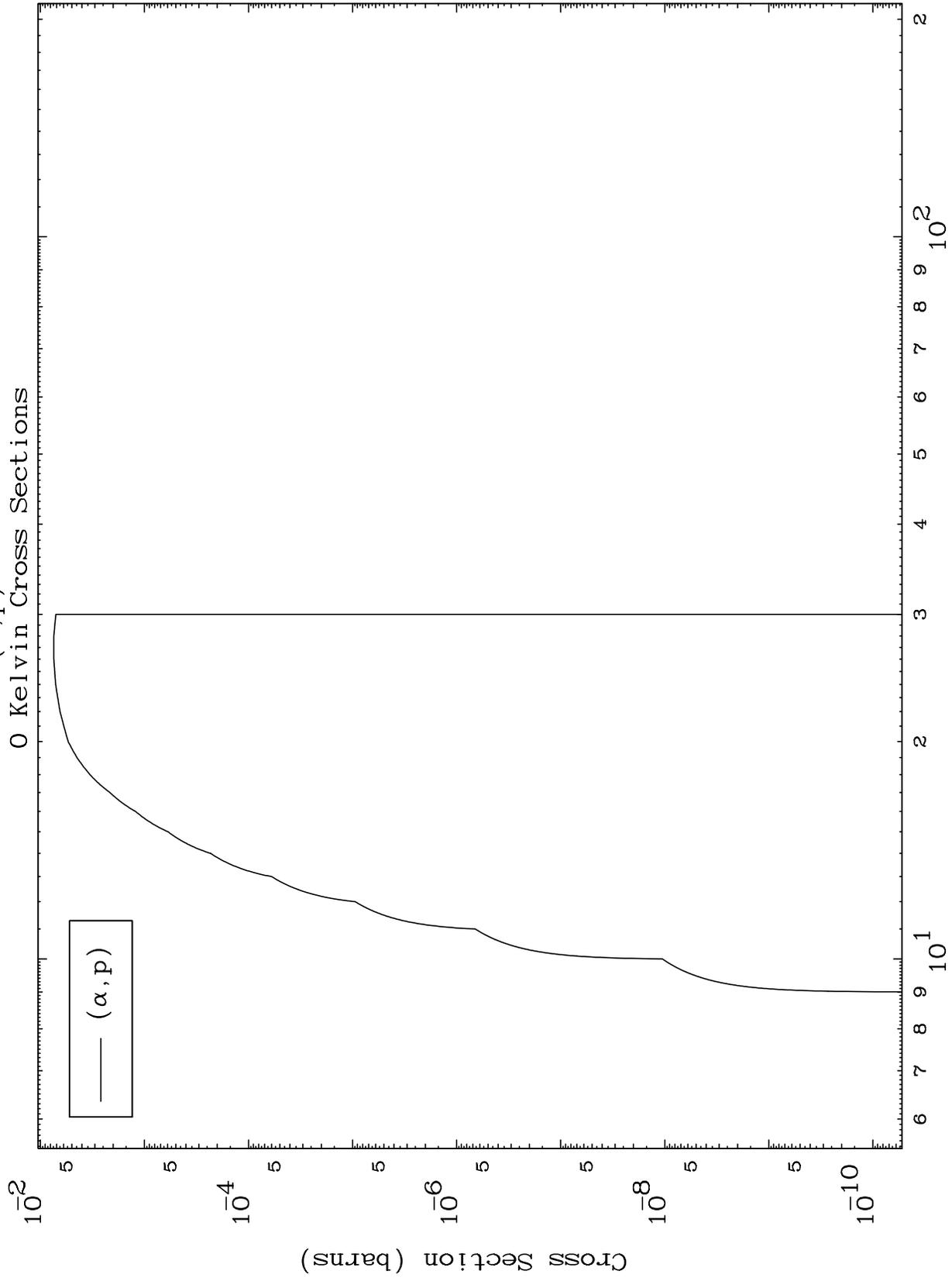
Incident Energy (MeV)

48-Cd-111

MAT 4840

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-111



6

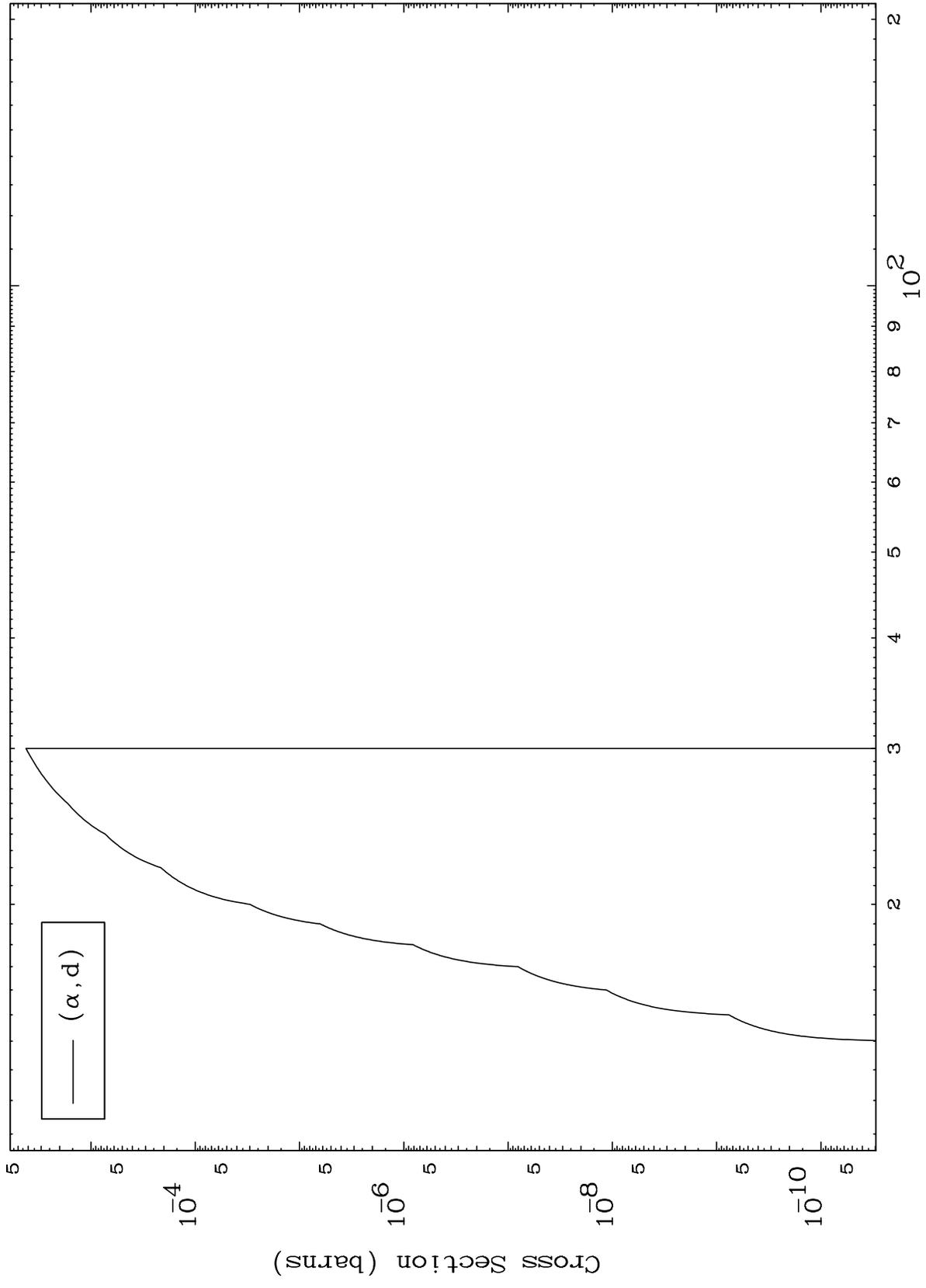
Incident Energy (MeV)

48-Cd-111

MAT 4840

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-111



7

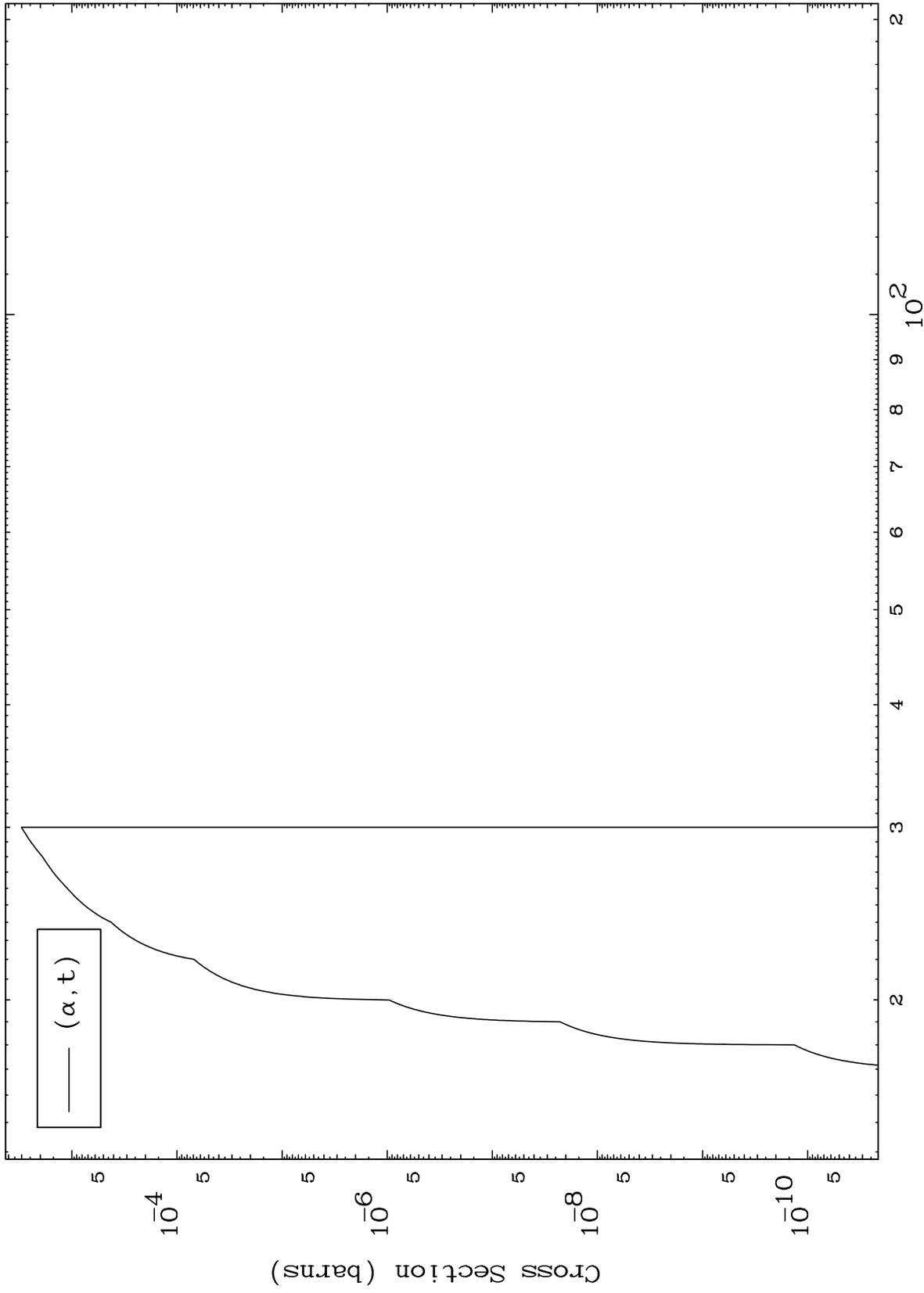
Incident Energy (MeV)

48-Cd-111

MAT 4840

(α, t) Levels
0 Kelvin Cross Sections

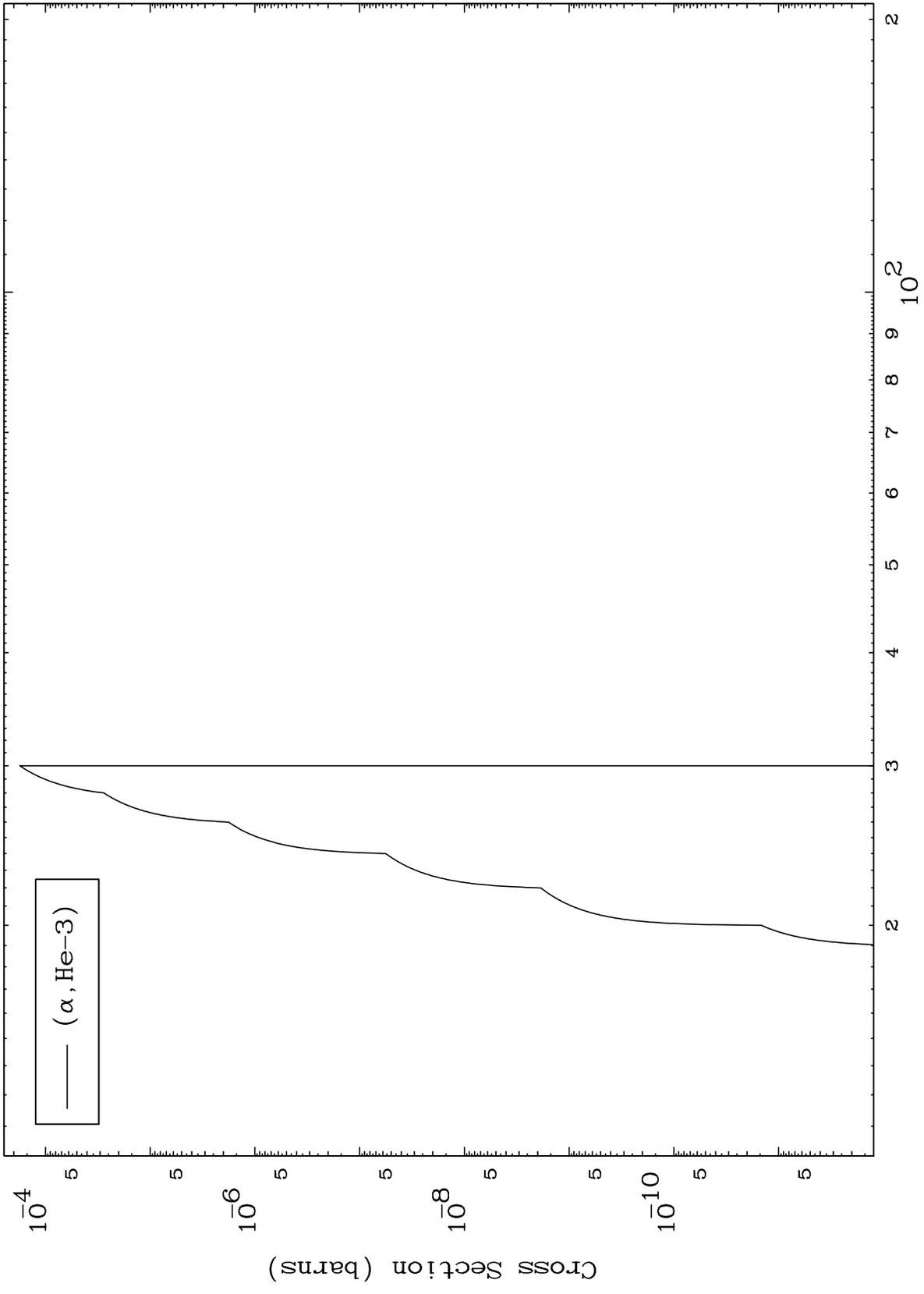
48-Cd-111



8

Incident Energy (MeV)

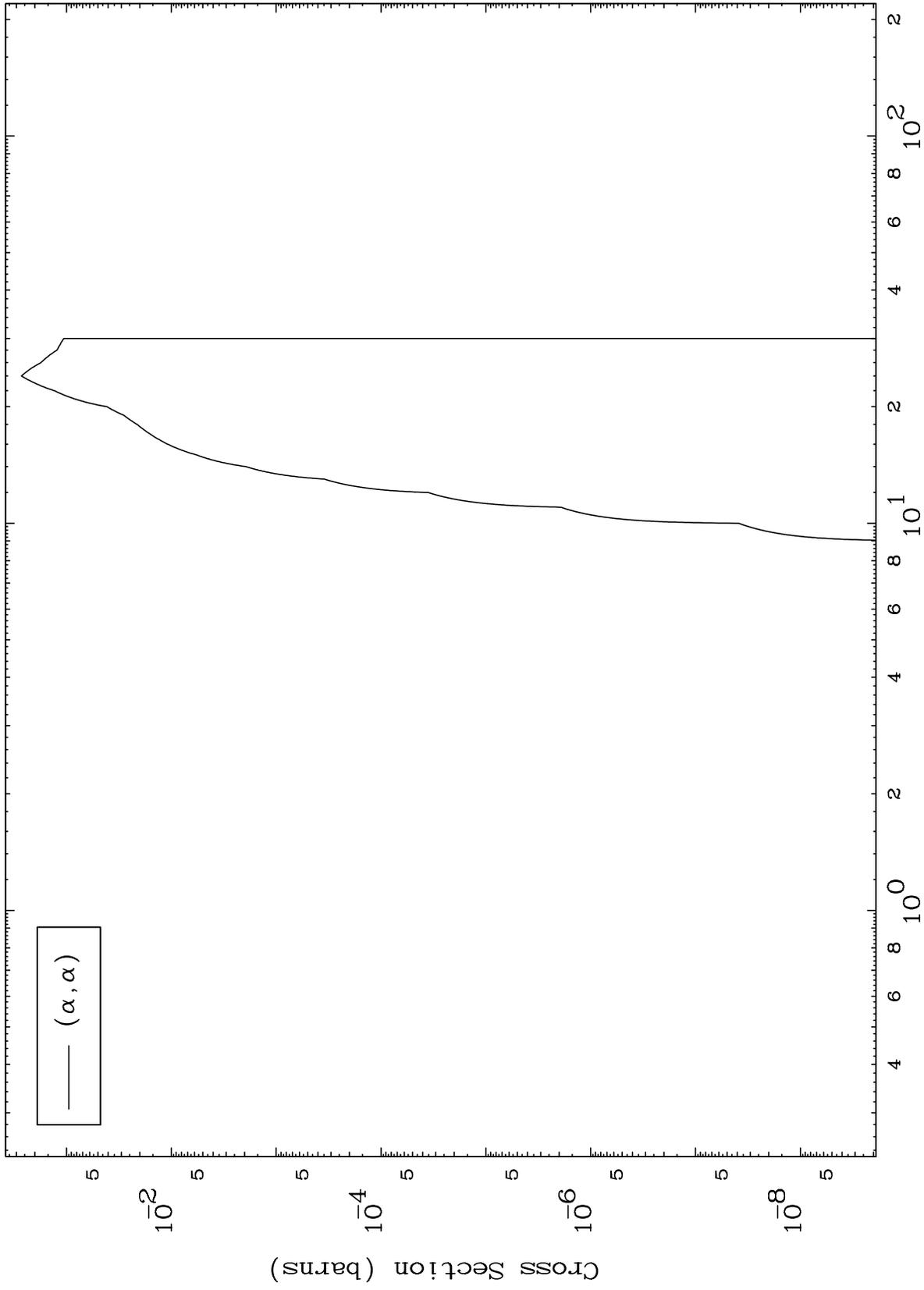
48-Cd-111



MAT 4840

(α, α) Levels
0 Kelvin Cross Sections

48-Cd-111



10

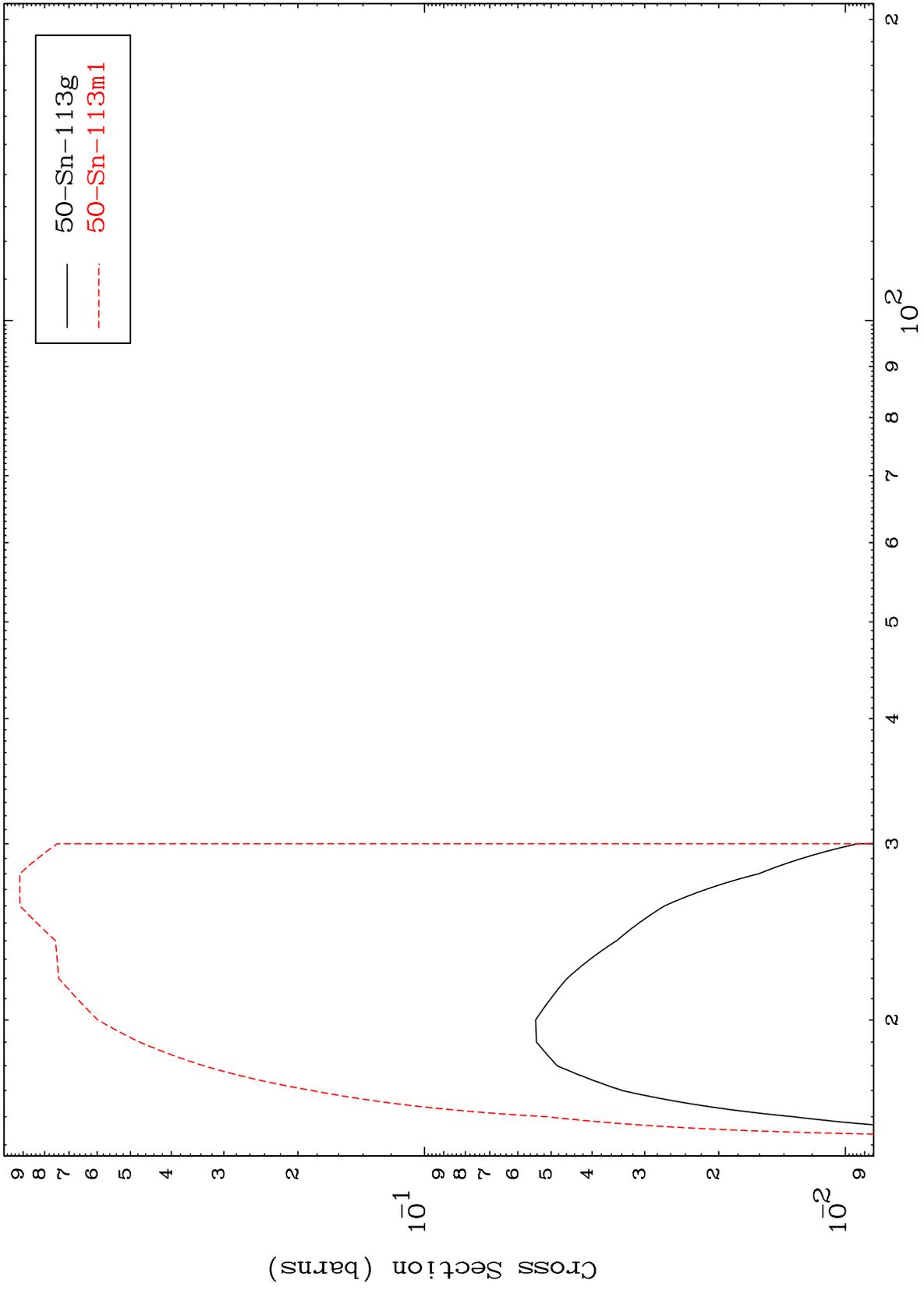
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

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



11

Incident Energy (MeV)

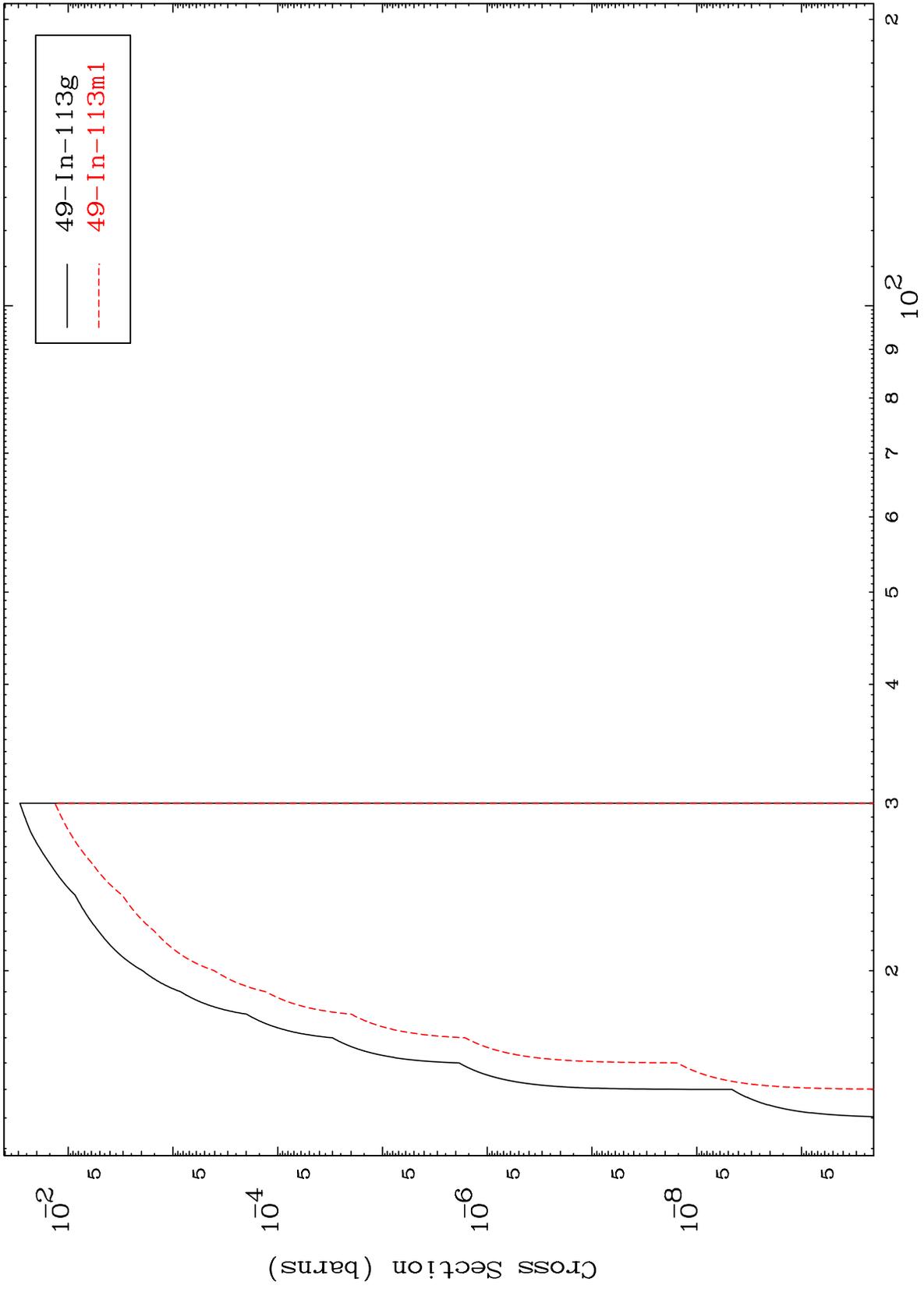
48-Cd-111

MAT 4840

(α, n') p

48-Cd-111

Radionuclide Production Cross Section



12

Incident Energy (MeV)

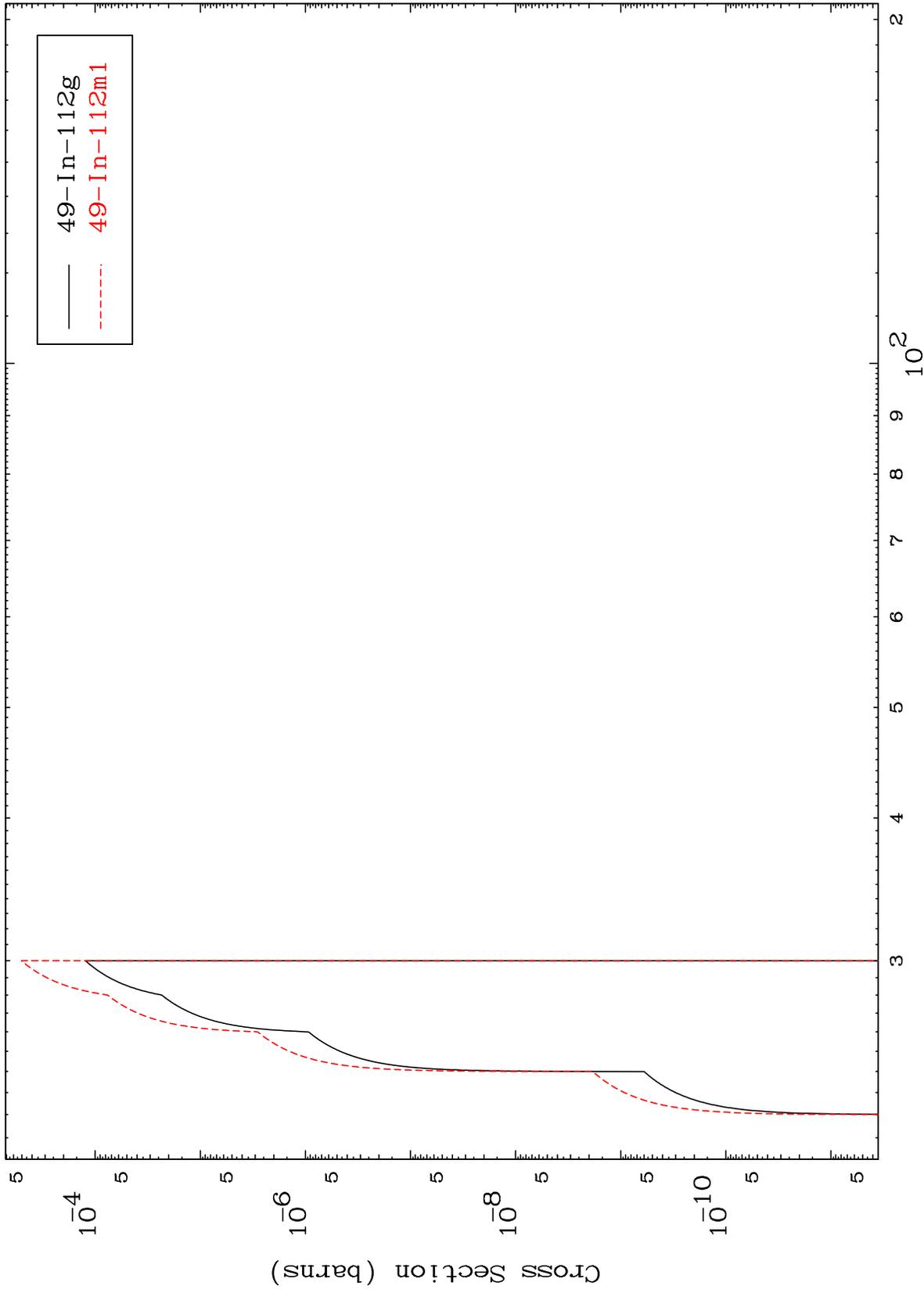
48-Cd-111

MAT 4840

(α, n') d

48-Cd-111

Radionuclide Production Cross Section



13

Incident Energy (MeV)

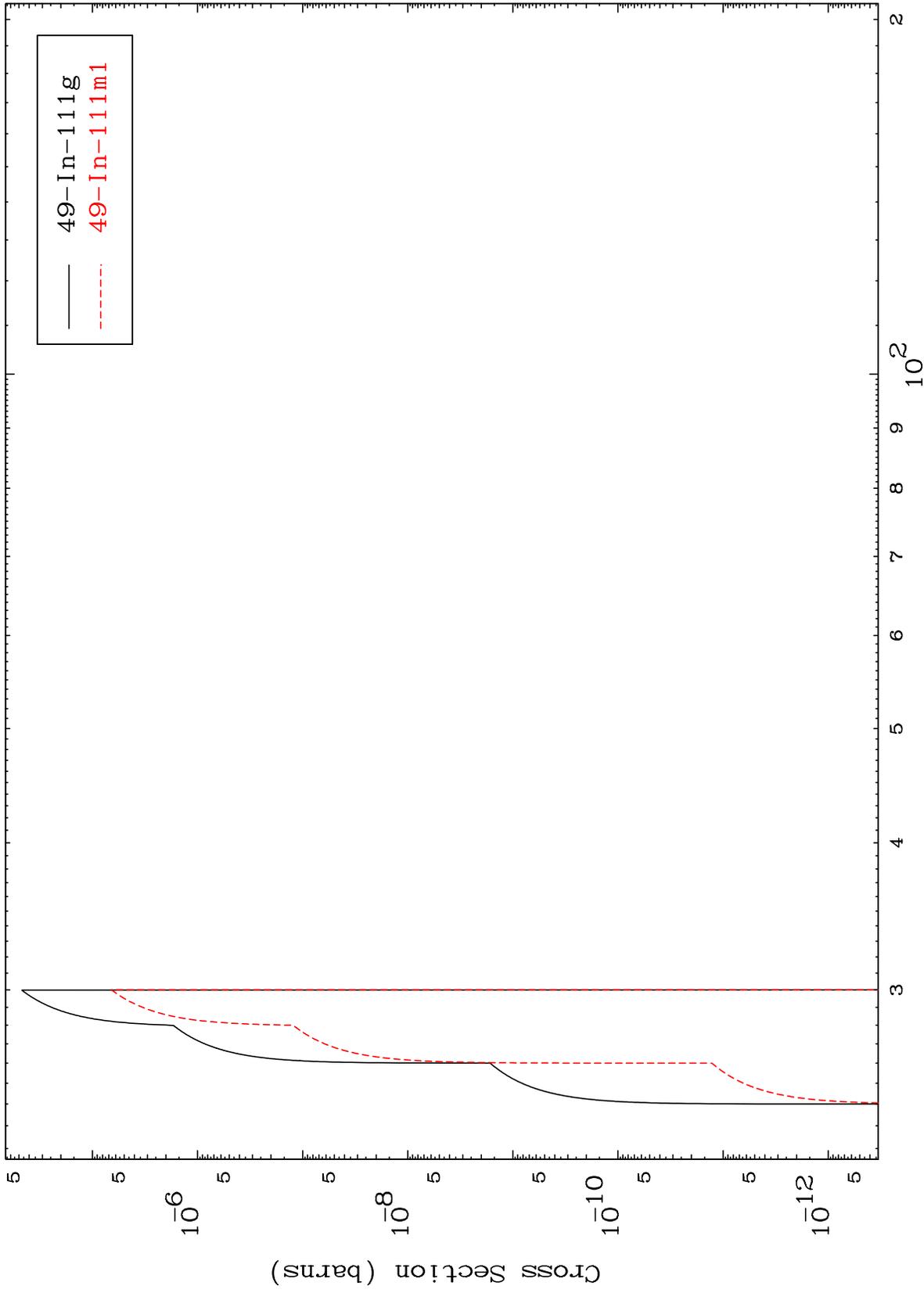
48-Cd-111

MAT 4840

(α, n') t

48-Cd-111

Radionuclide Production Cross Section



14

Incident Energy (MeV)

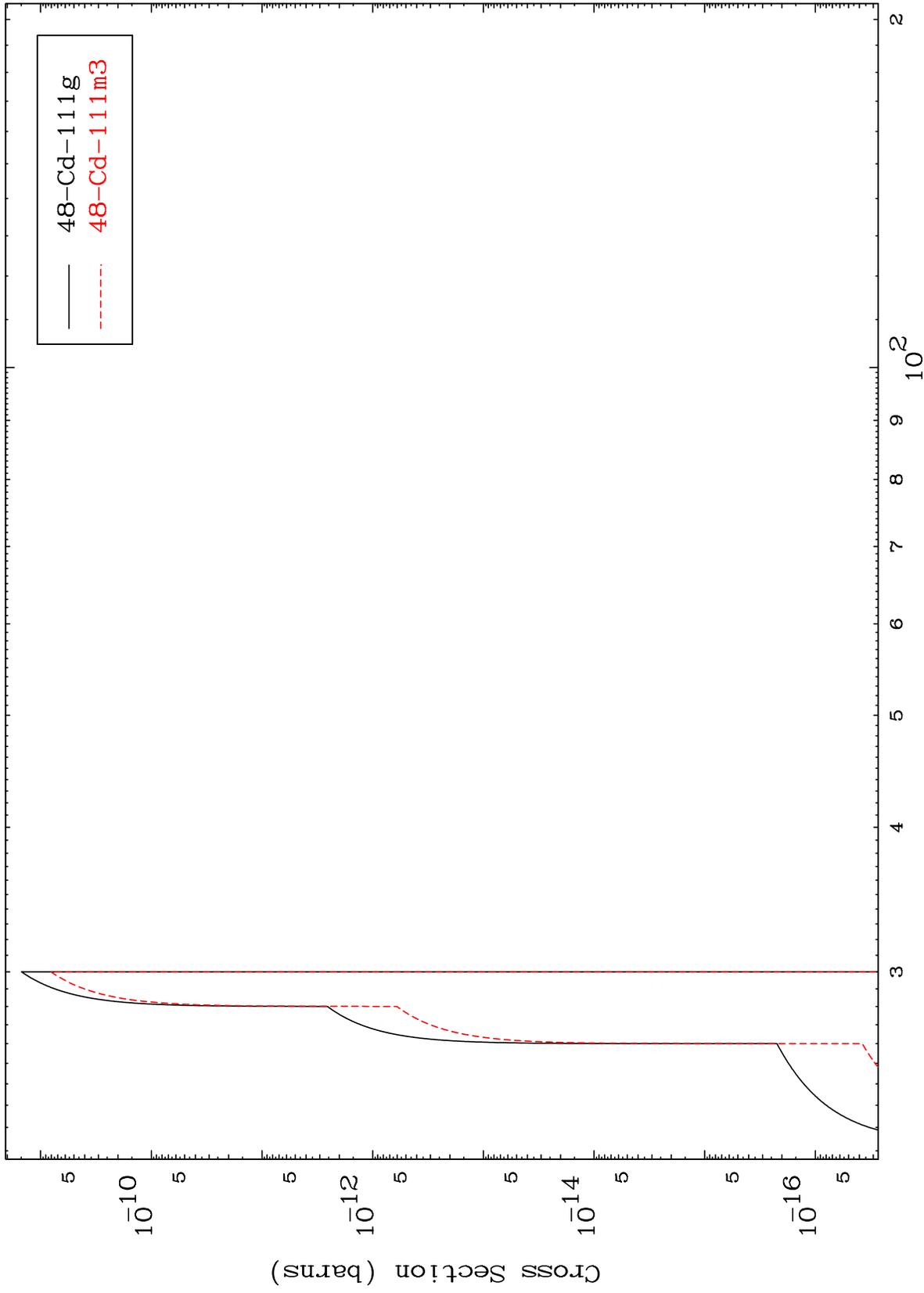
48-Cd-111

MAT 4840

(α, n') He-3

48-Cd-111

Radionuclide Production Cross Section



15

Incident Energy (MeV)

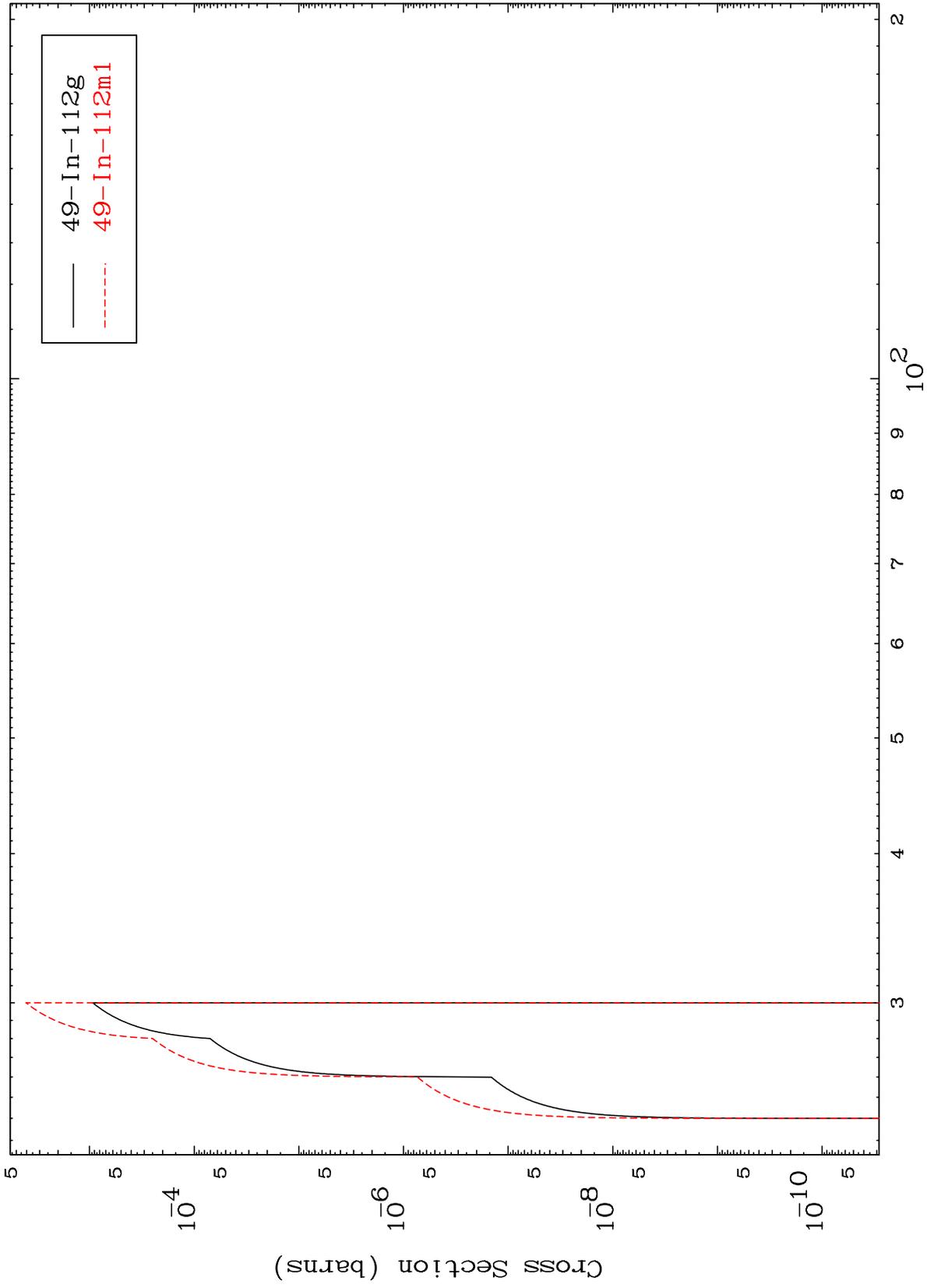
48-Cd-111

MAT 4840

($\alpha, 2n$) p

48-Cd-111

Radionuclide Production Cross Section



16

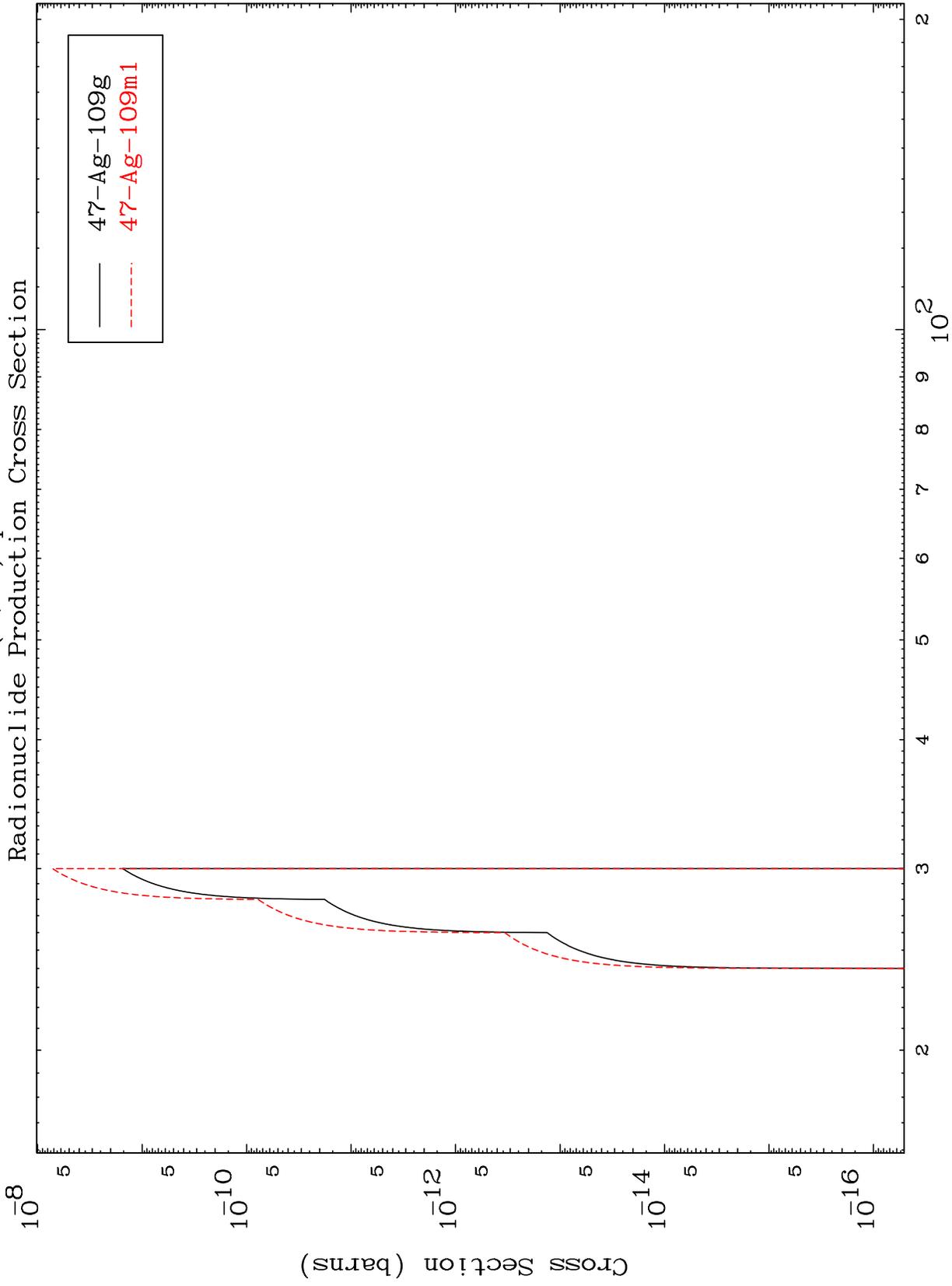
Incident Energy (MeV)

48-Cd-111

MAT 4840

(α, n') p α

48-Cd-111



17

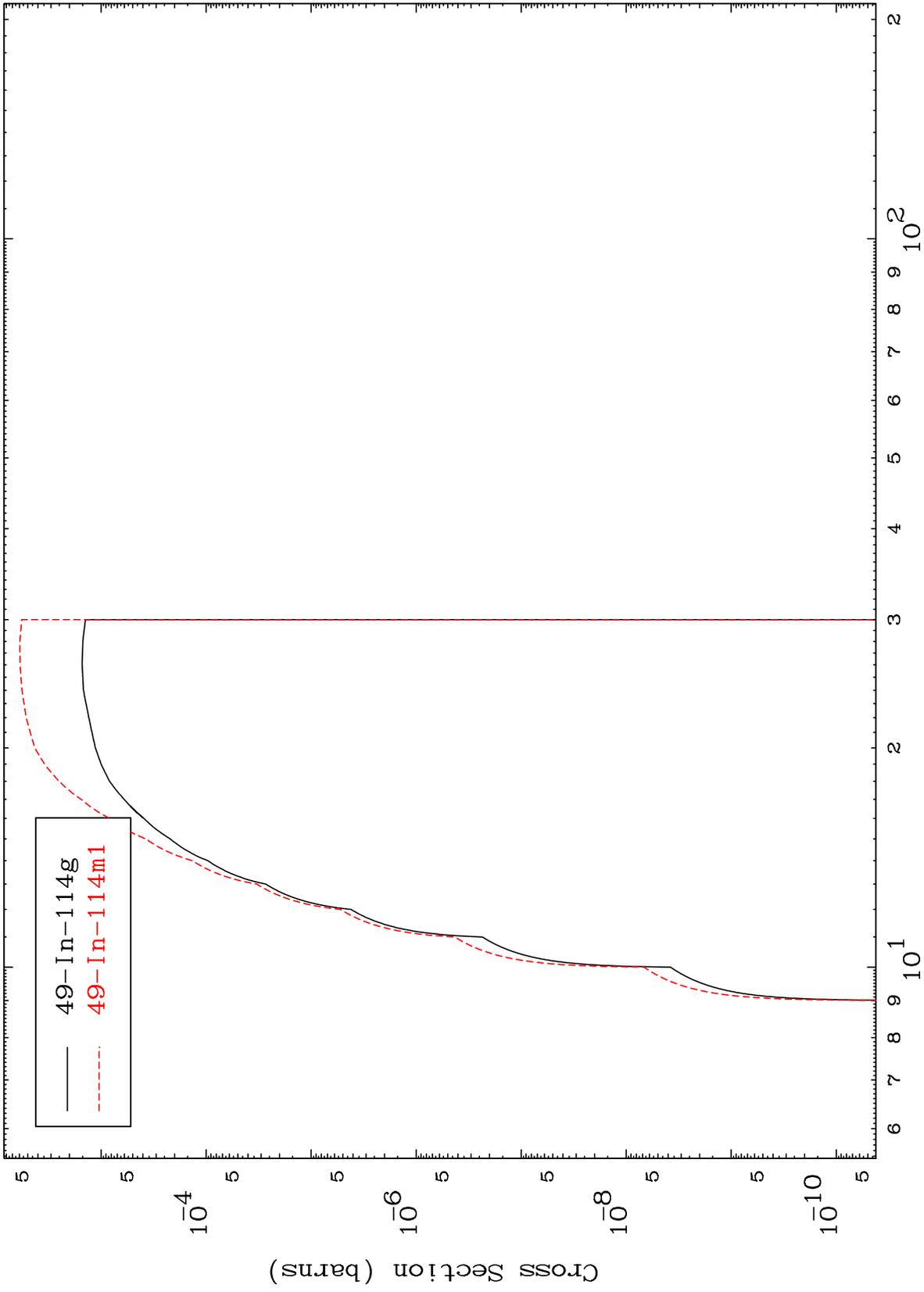
48-Cd-111

48-Cd-111

MAT 4840

48-Cd-111

(α, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

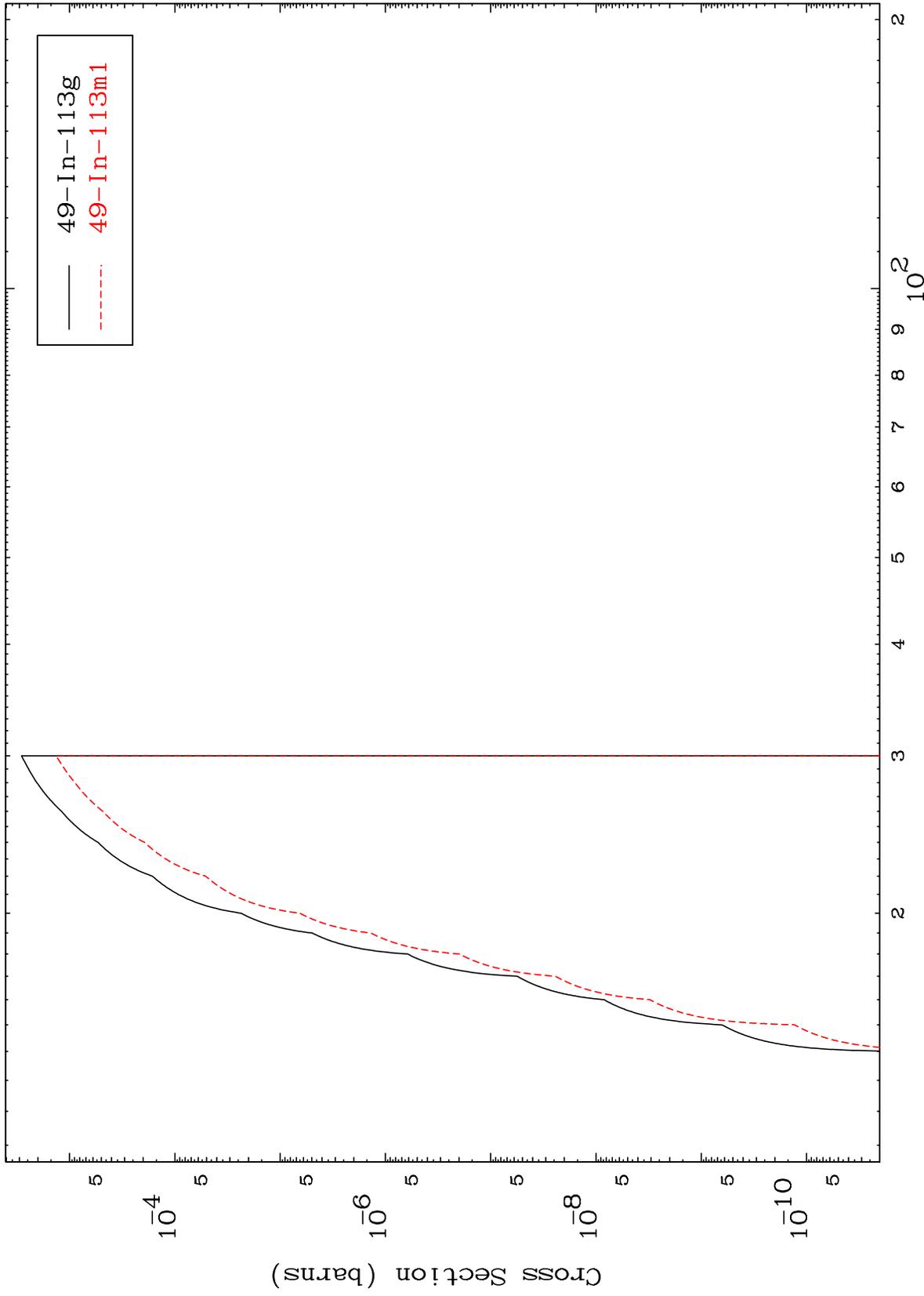
48-Cd-111

MAT 4840

(α, d)

48-Cd-111

Radionuclide Production Cross Section



19

Incident Energy (MeV)

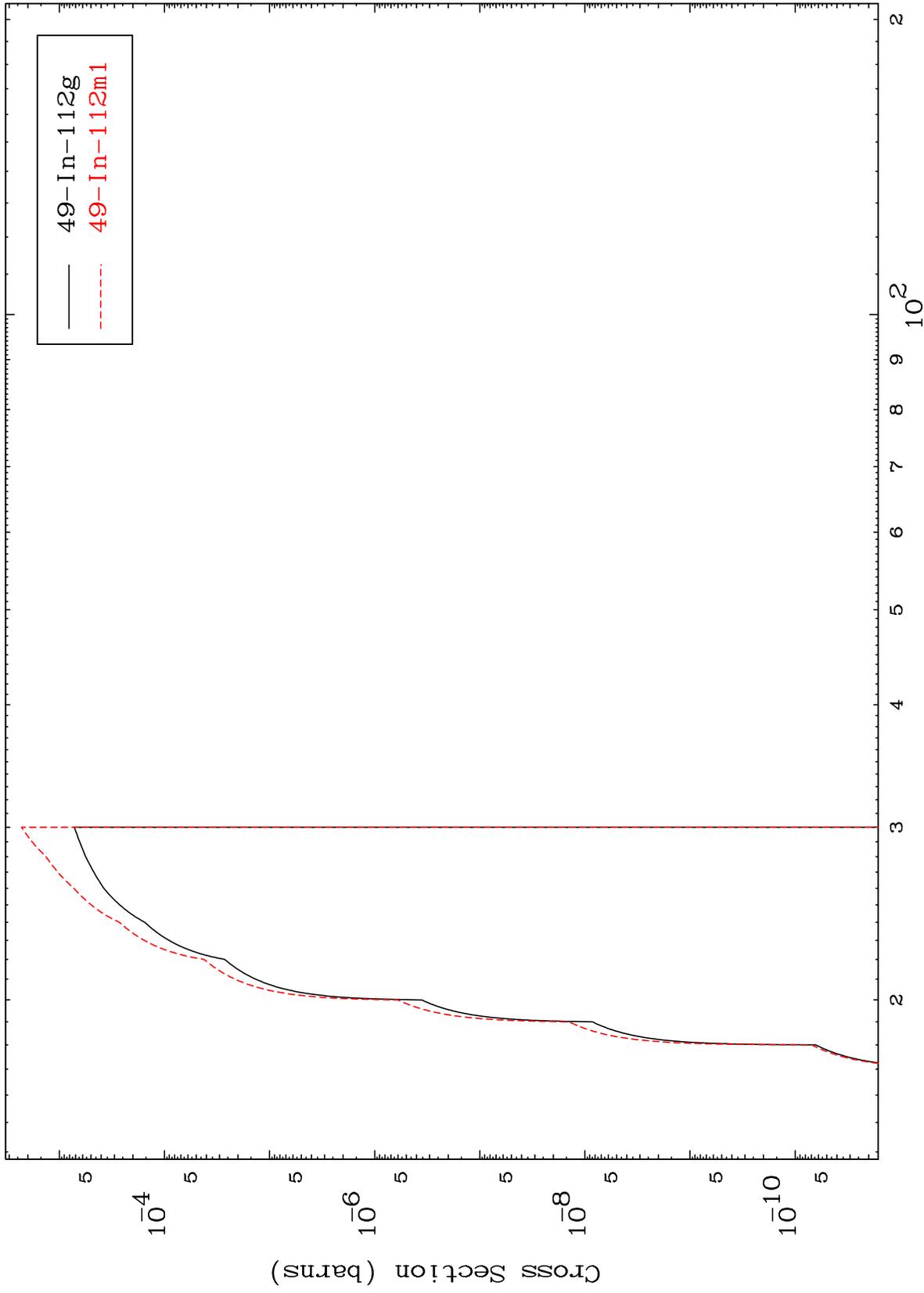
48-Cd-111

MAT 4840

(α, t)

48-Cd-111

Radionuclide Production Cross Section



20

Incident Energy (MeV)

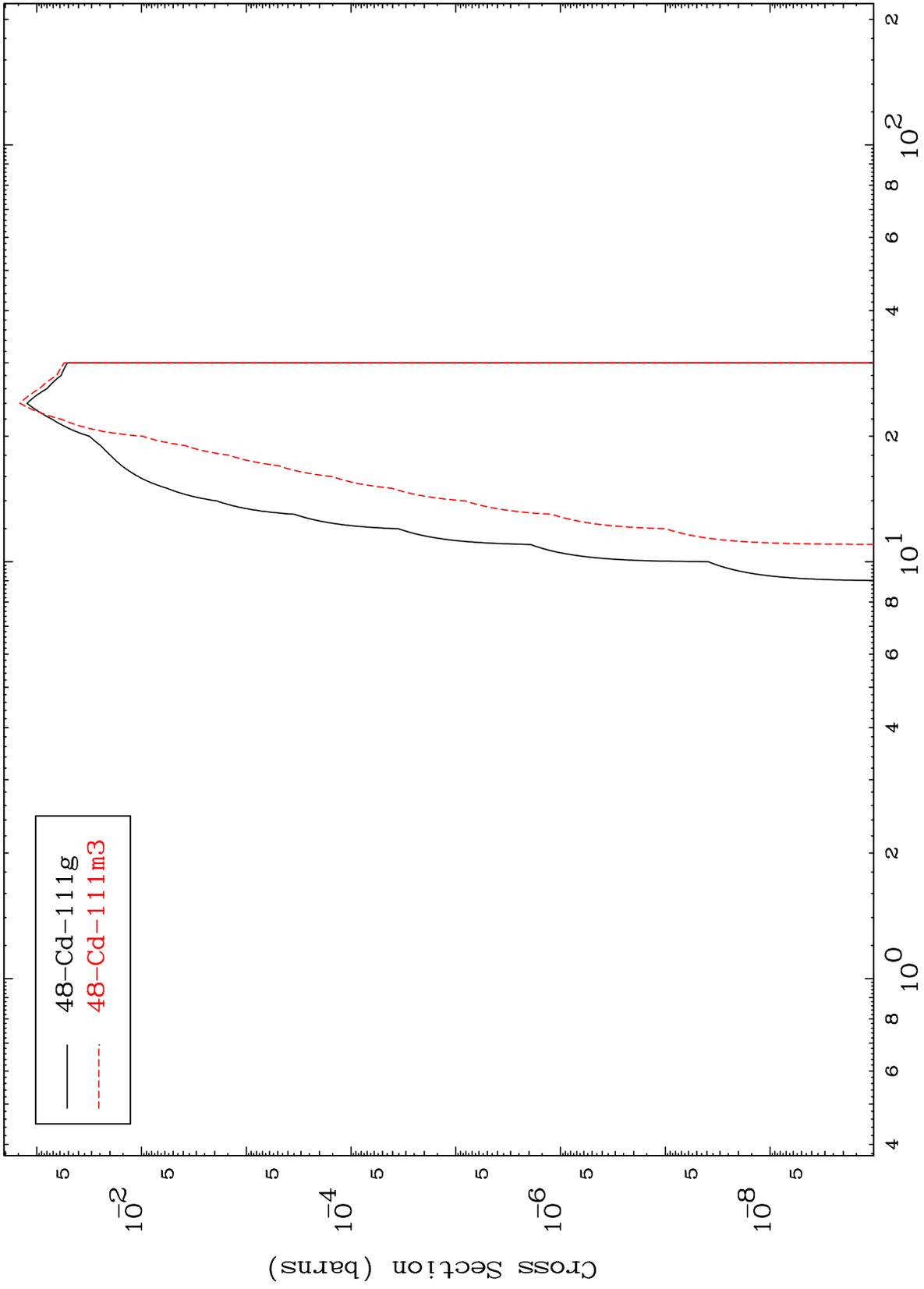
48-Cd-111

MAT 4840

(α, α)

48-Cd-111

Radionuclide Production Cross Section

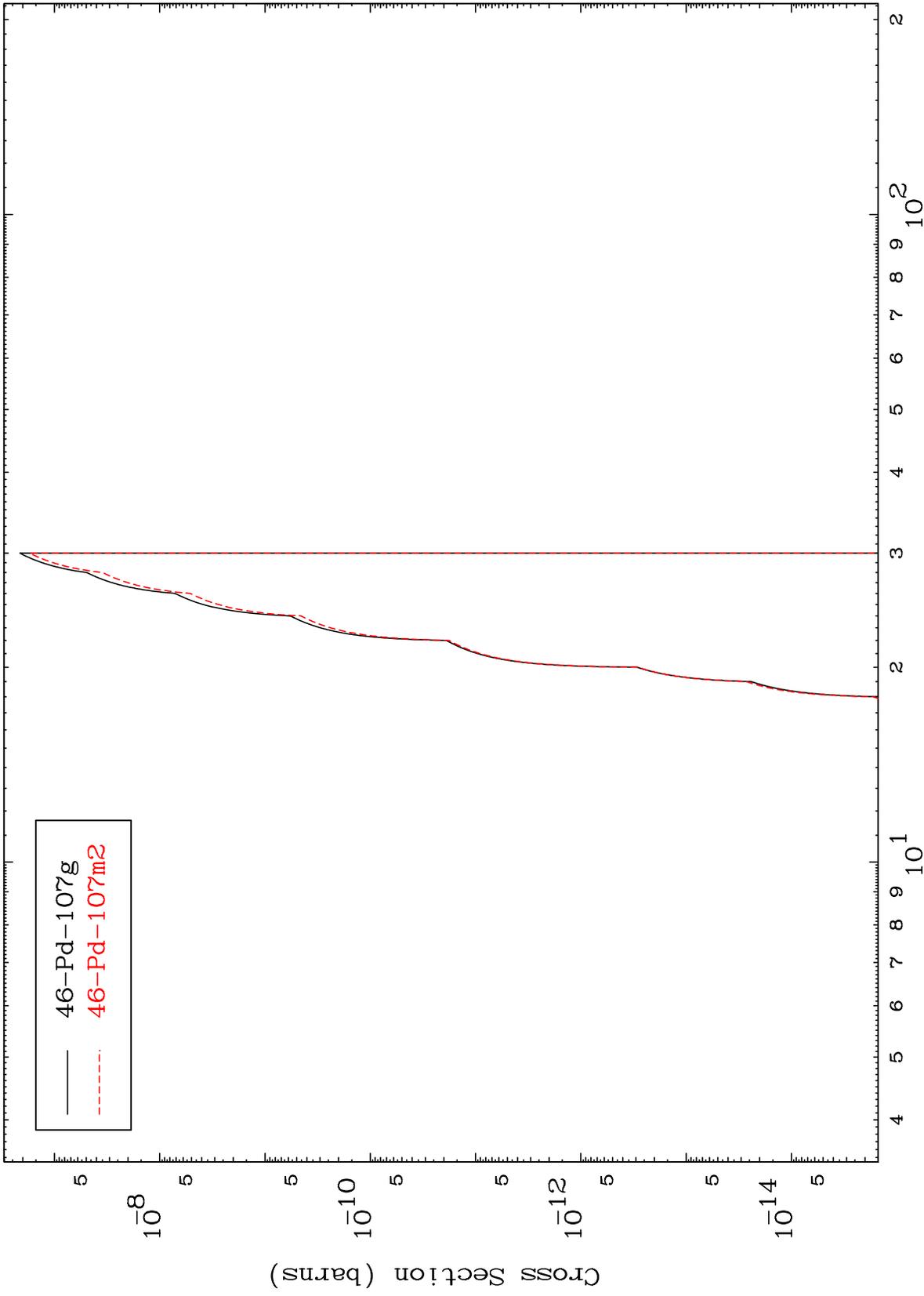


48-Cd-111g
48-Cd-111m3

MAT 4840

48-Cd-111

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



22

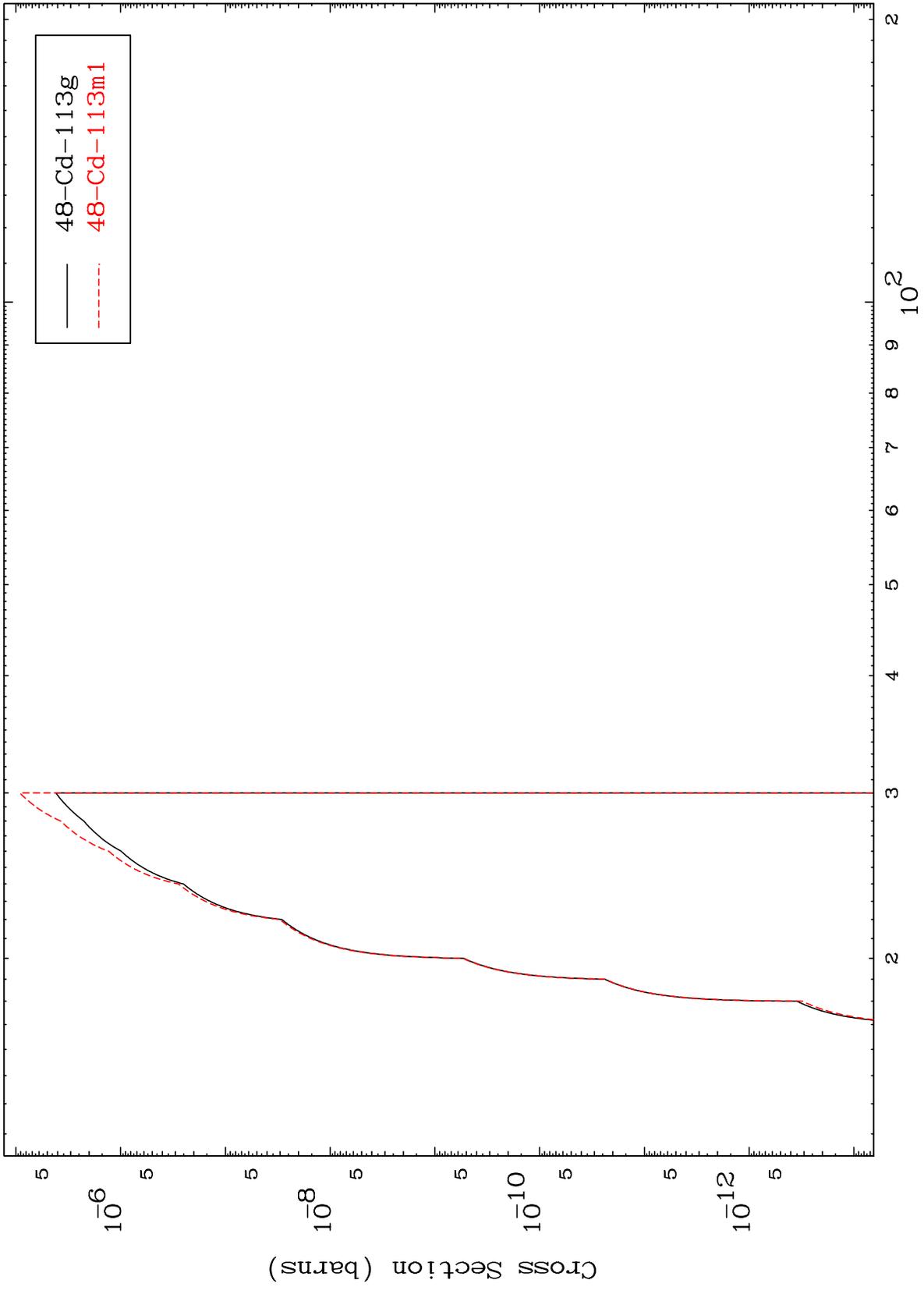
Incident Energy (MeV)

48-Cd-111

MAT 4840

48-Cd-111

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



23

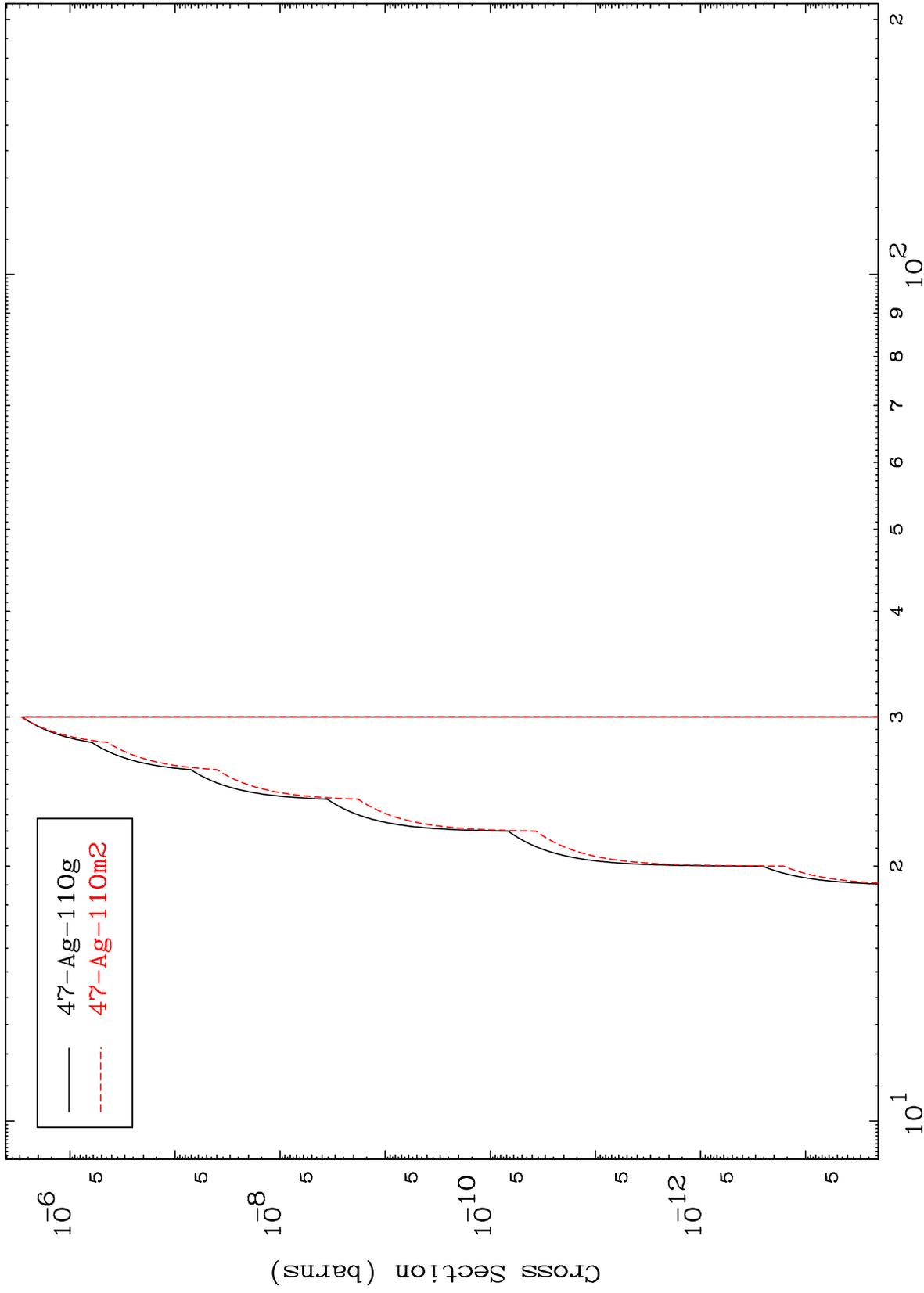
48-Cd-111

MAT 4840

(α, p) α

48-Cd-111

Radionuclide Production Cross Section



24

Incident Energy (MeV)

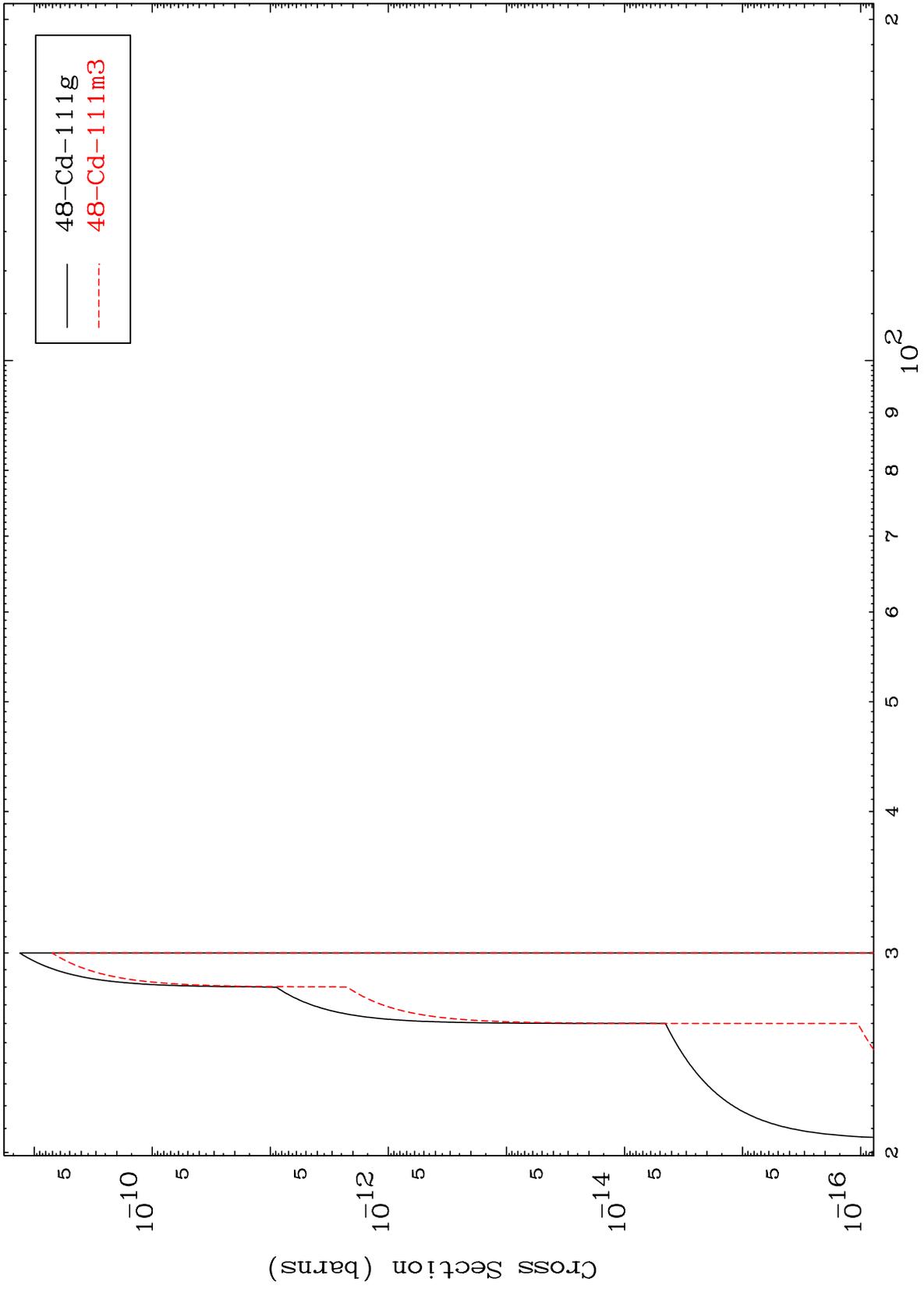
48-Cd-111

MAT 4840

(α, p) t

48-Cd-111

Radionuclide Production Cross Section



25

Incident Energy (MeV)

48-Cd-111