

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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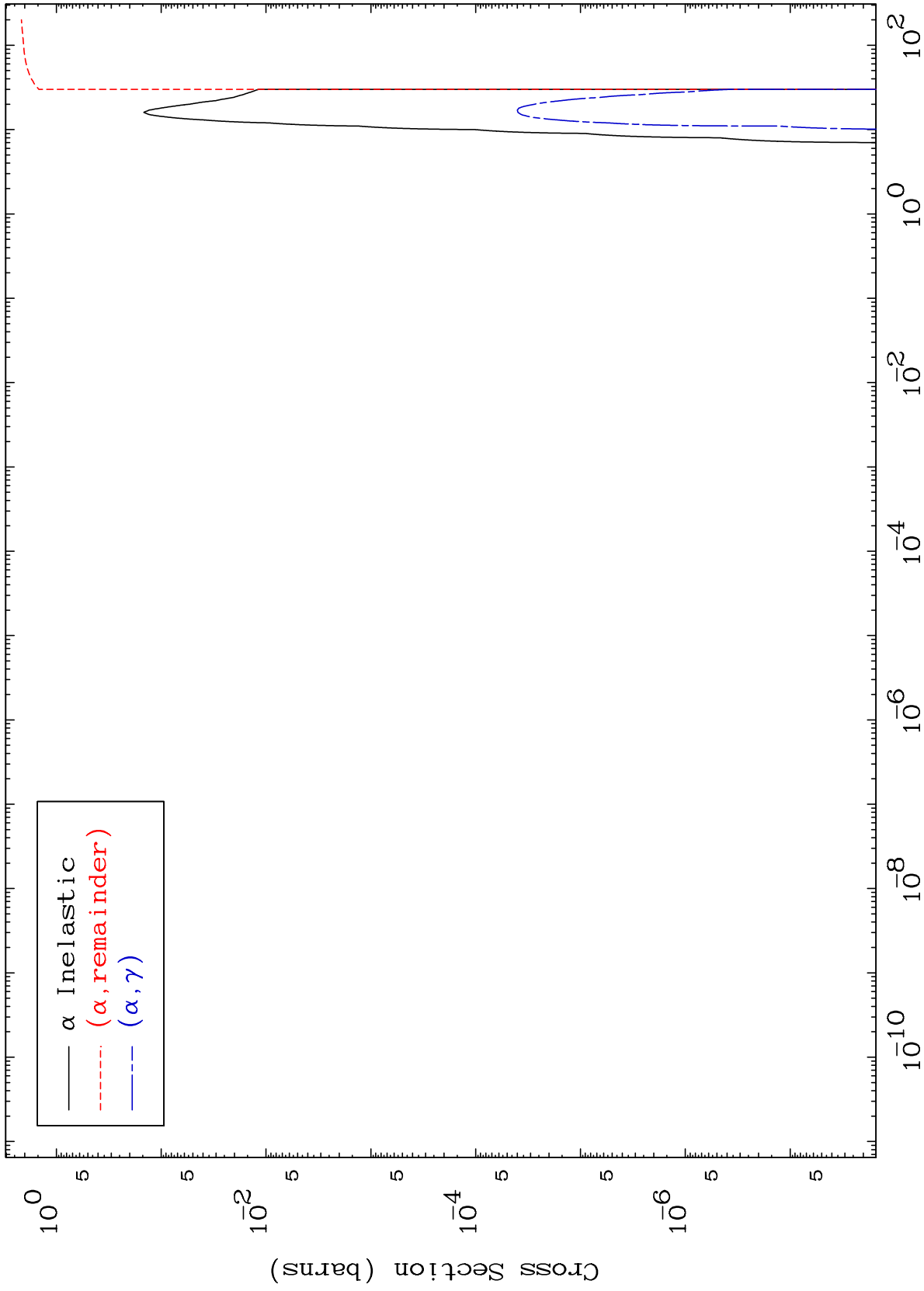
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4849

0 Kelvin α Major
Cross Sections

48-Cd-114



1

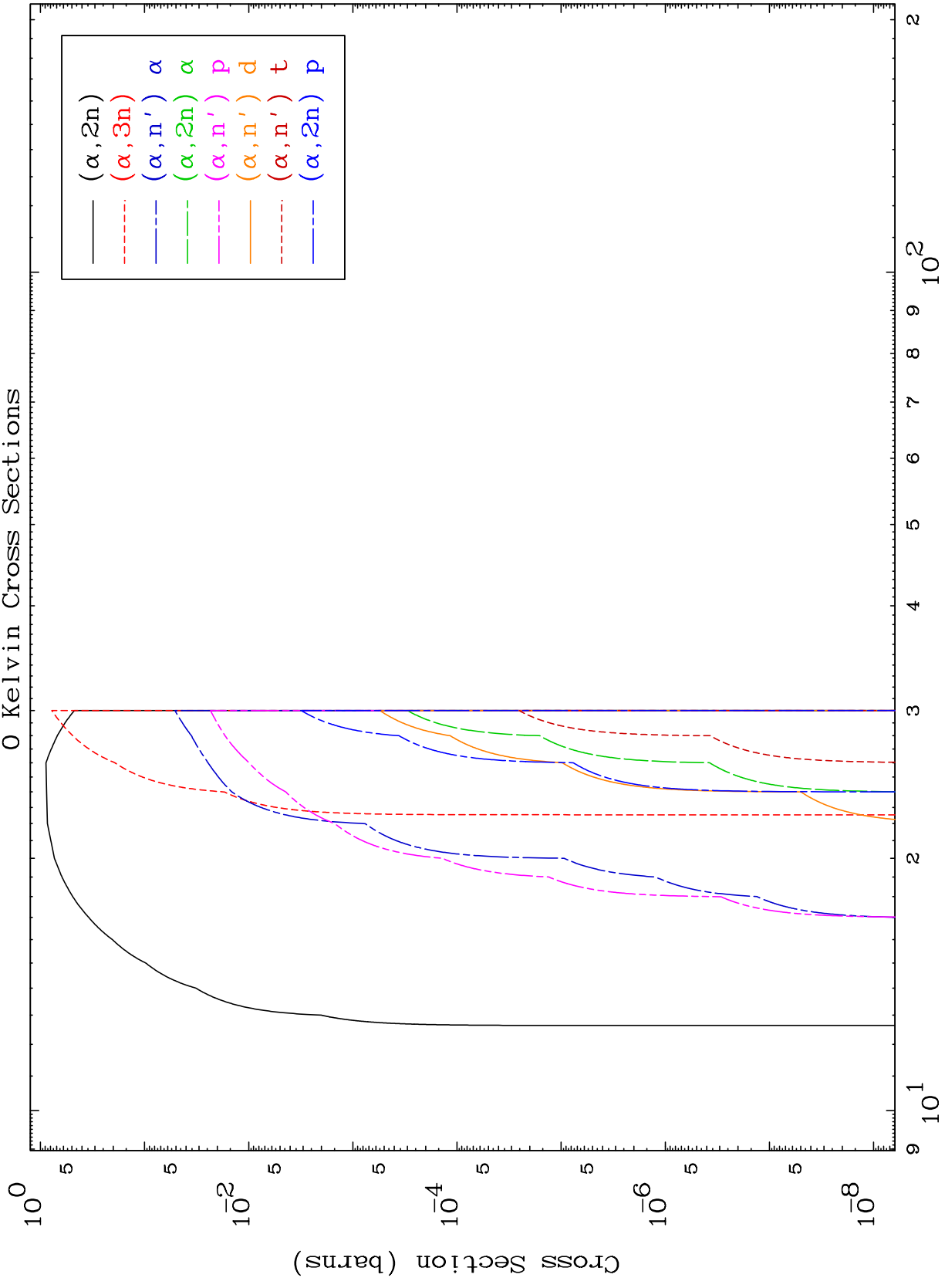
Incident Energy (MeV)

48-Cd-114

MAT 4849

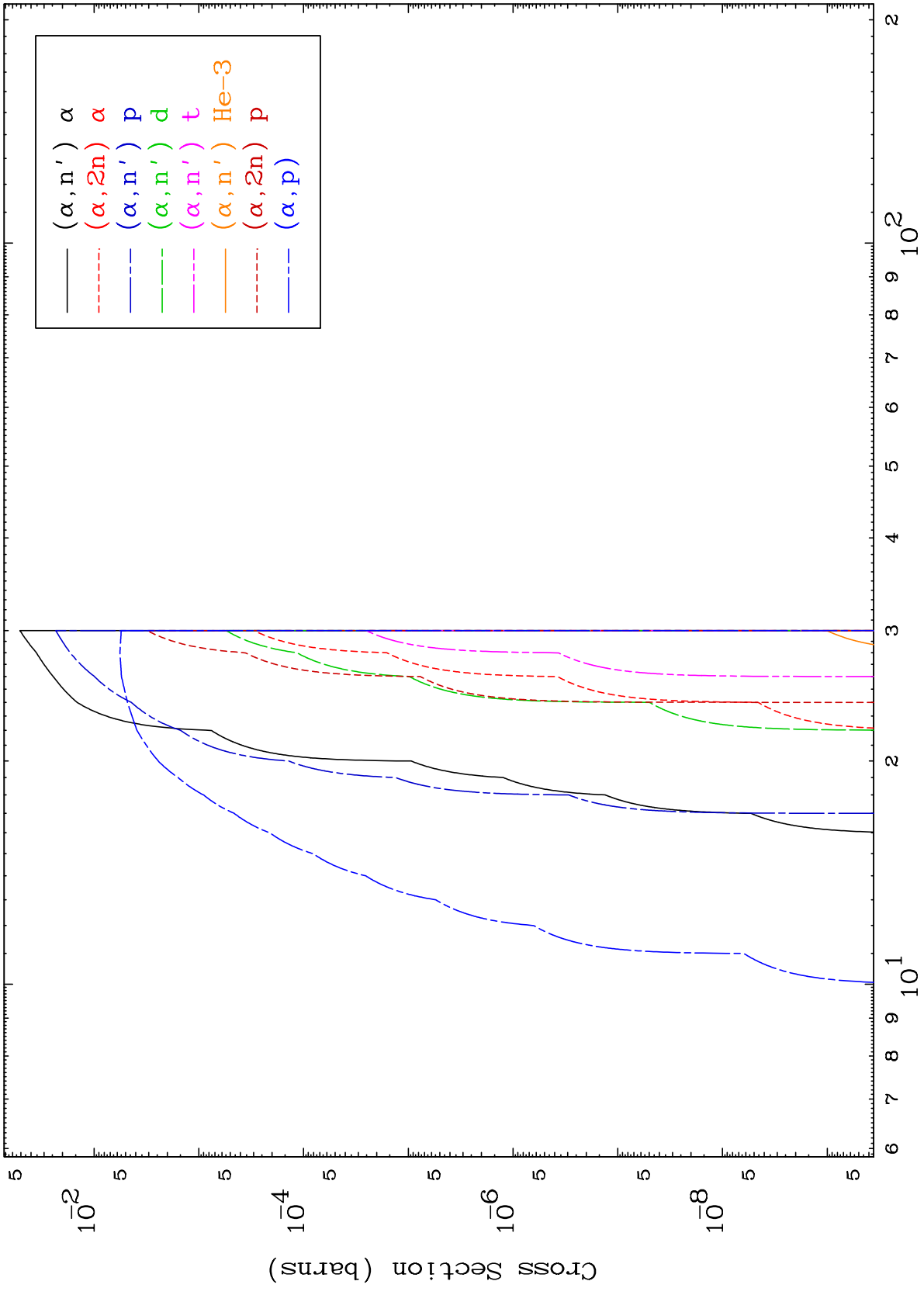
α Neutron Production
0 Kelvin Cross Sections

48-Cd-114



48-Cd-114

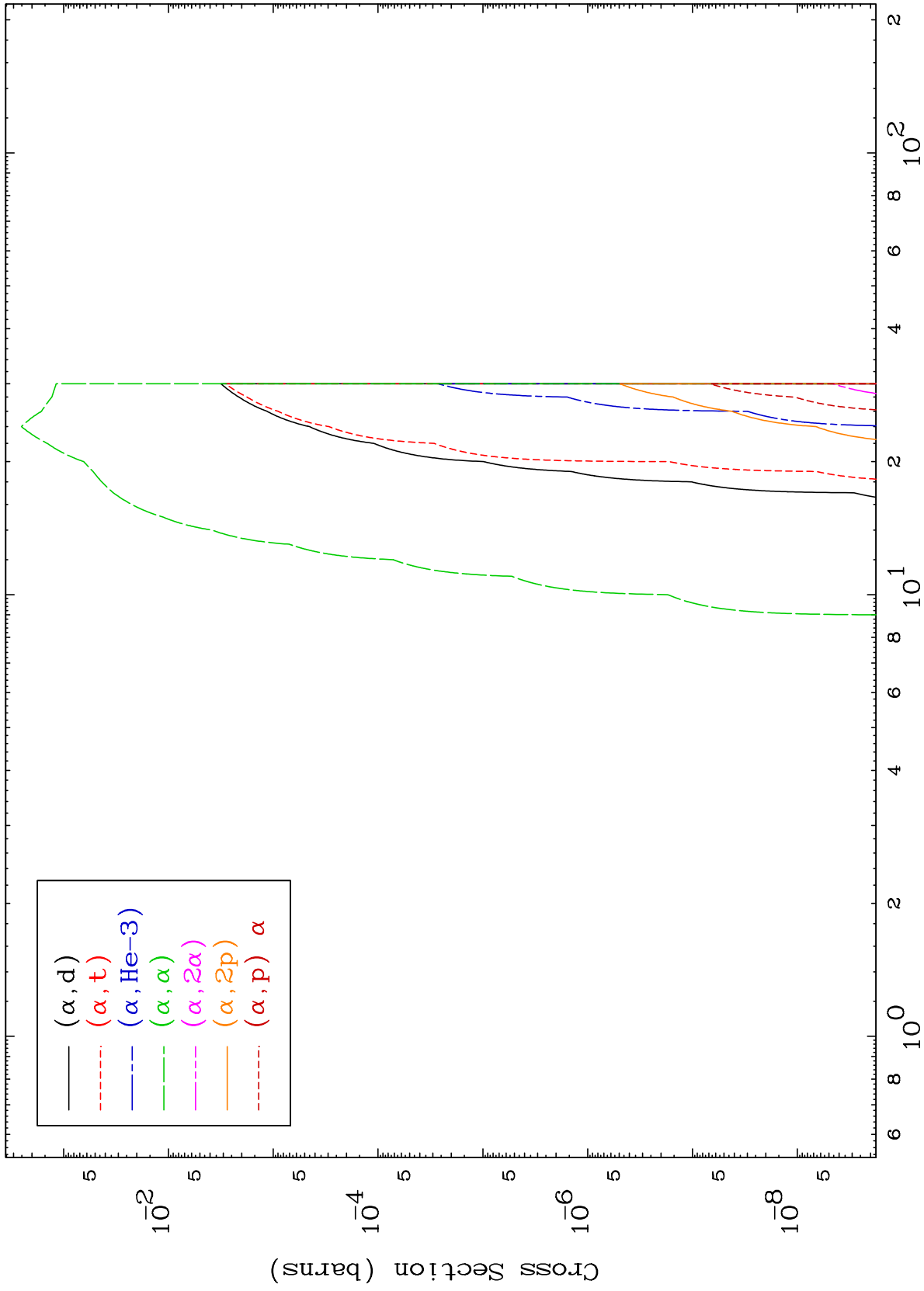
Incident Energy (MeV)



MAT 4849

α Charged Particle
0 Kelvin Cross Sections

48-Cd-114



4

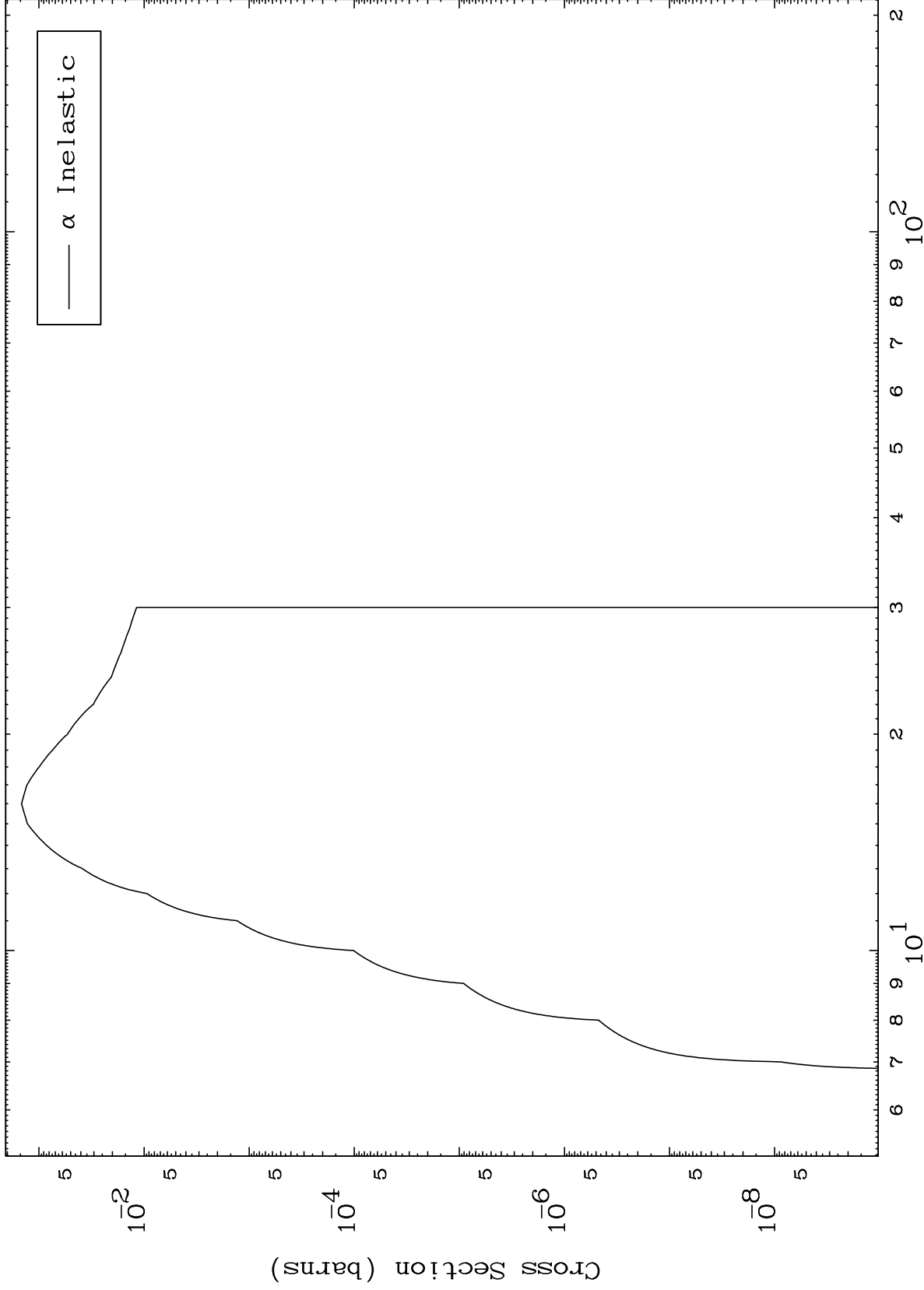
Incident Energy (MeV)

48-Cd-114

MAT 4849

(α, n') Level
0 Kelvin Cross Sections

48-Cd-114



5

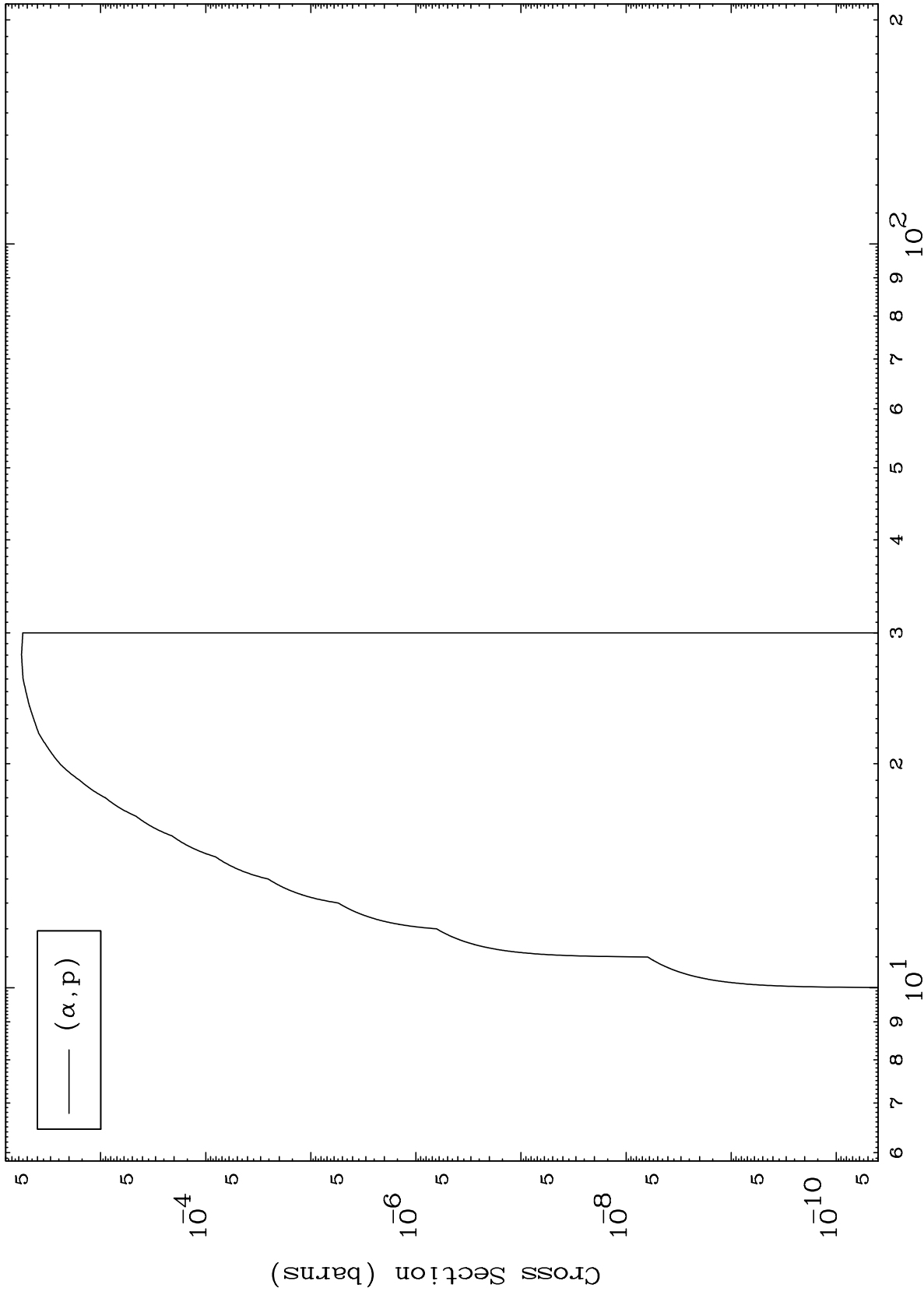
Incident Energy (MeV)

48-Cd-114

MAT 4849

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-114



6

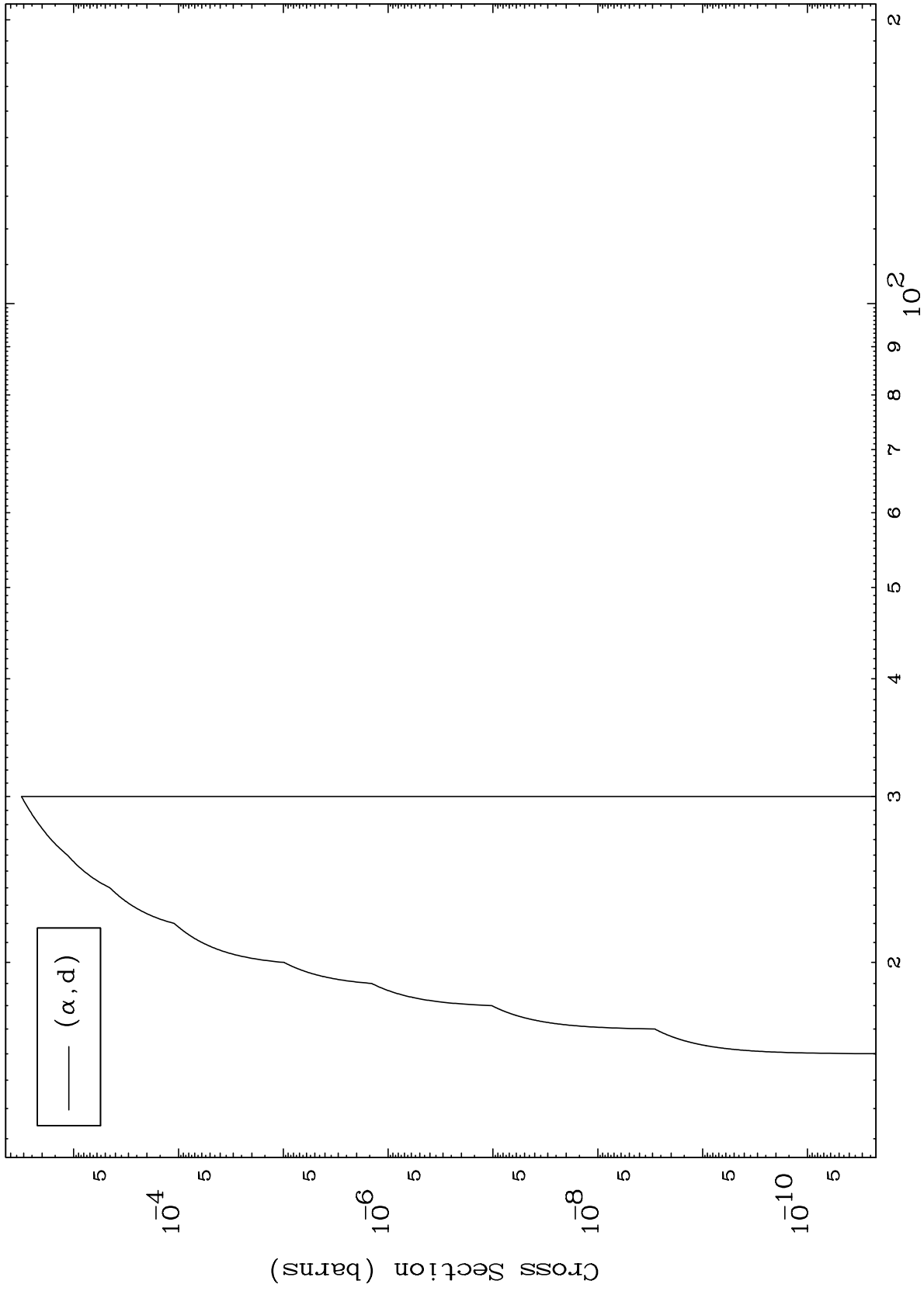
Incident Energy (MeV)

48-Cd-114

MAT 4849

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-114



7

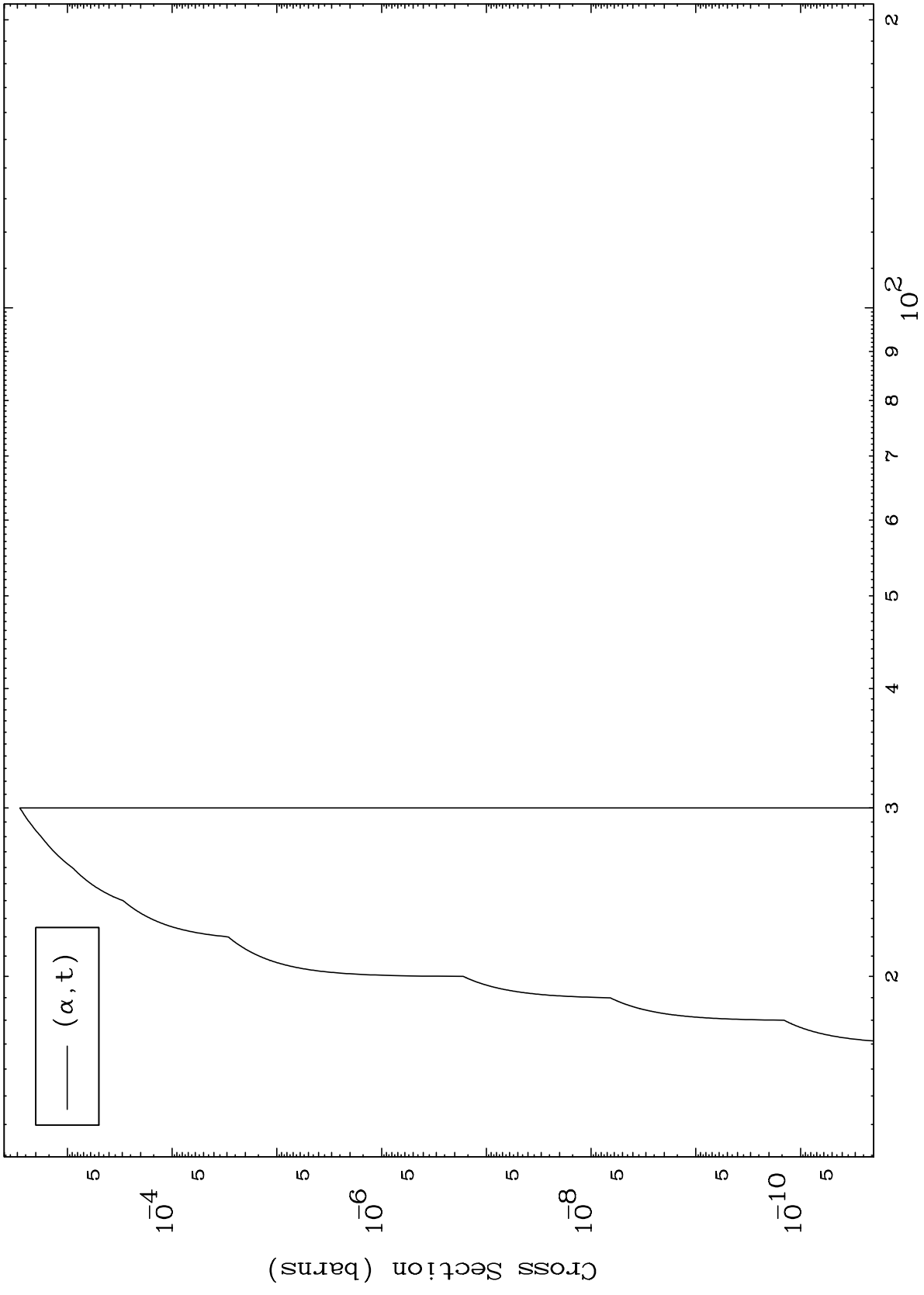
Incident Energy (MeV)

48-Cd-114

MAT 4849

(α, t) Levels
0 Kelvin Cross Sections

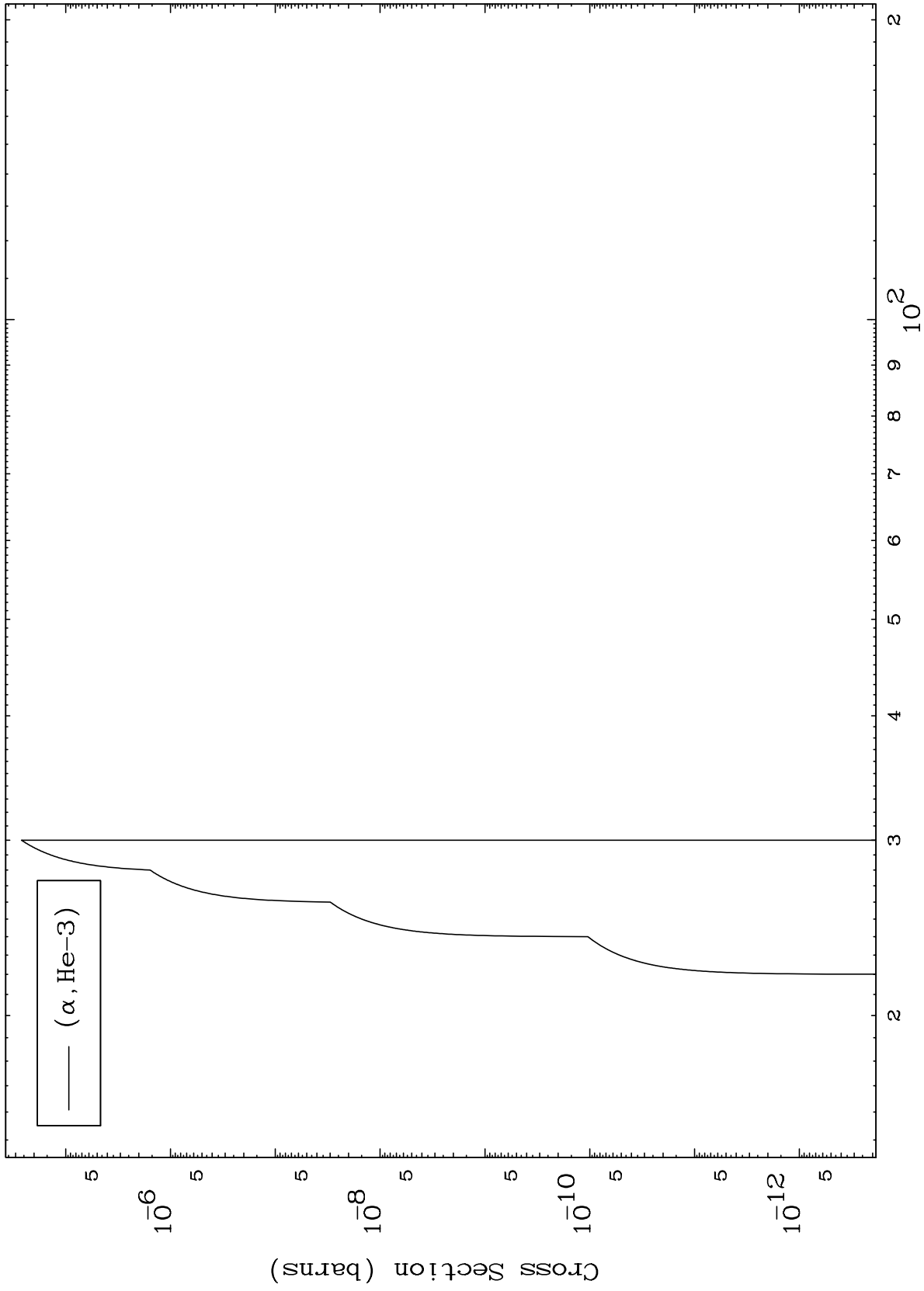
48-Cd-114



8

Incident Energy (MeV)

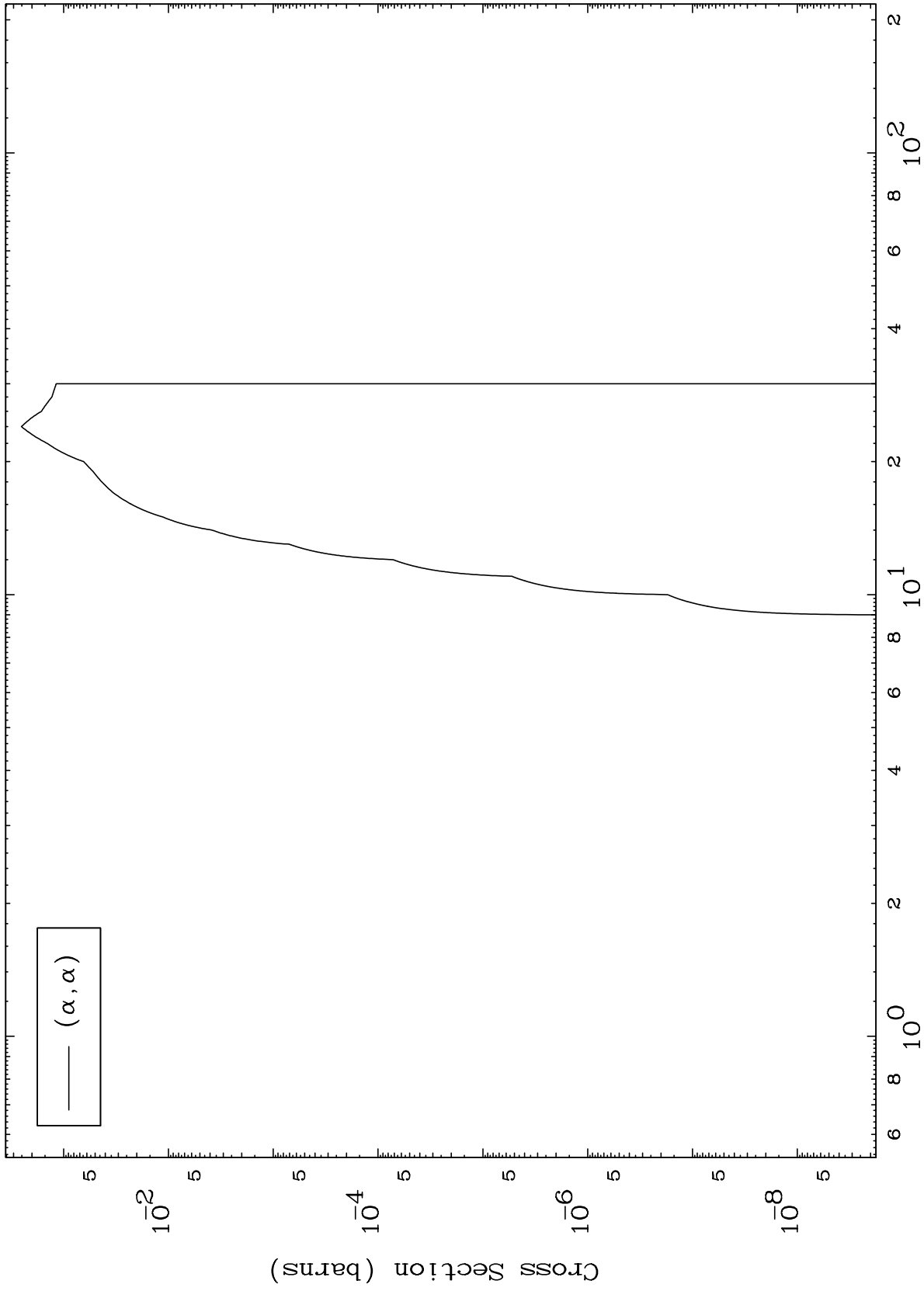
48-Cd-114



MAT 4849

(α, α) Levels
0 Kelvin Cross Sections

48-Cd-114



10

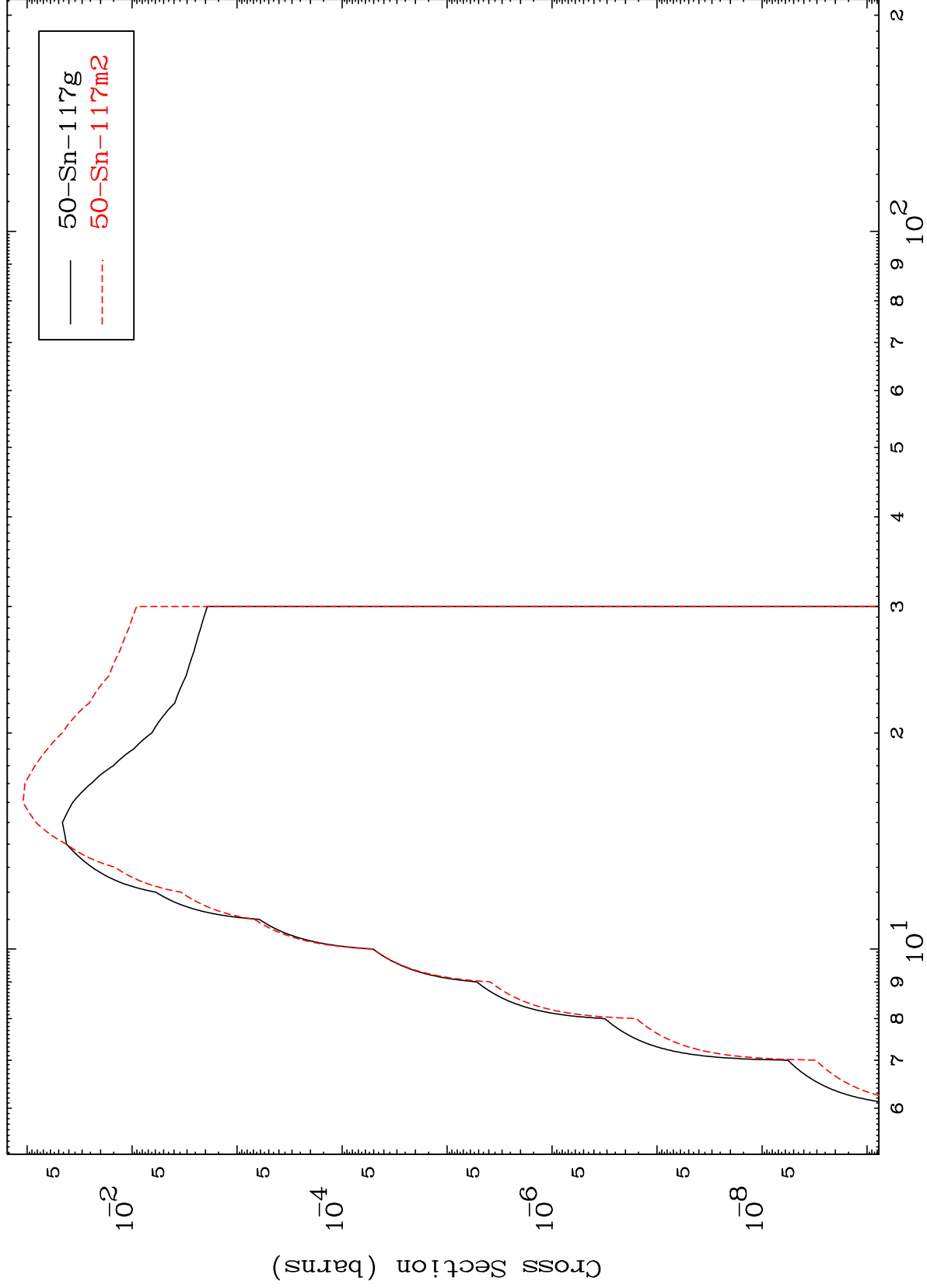
Incident Energy (MeV)

48-Cd-114

MAT 4849

α Inelastic
Radionuclide Production Cross Section

48-Cd-114



11

Incident Energy (MeV)

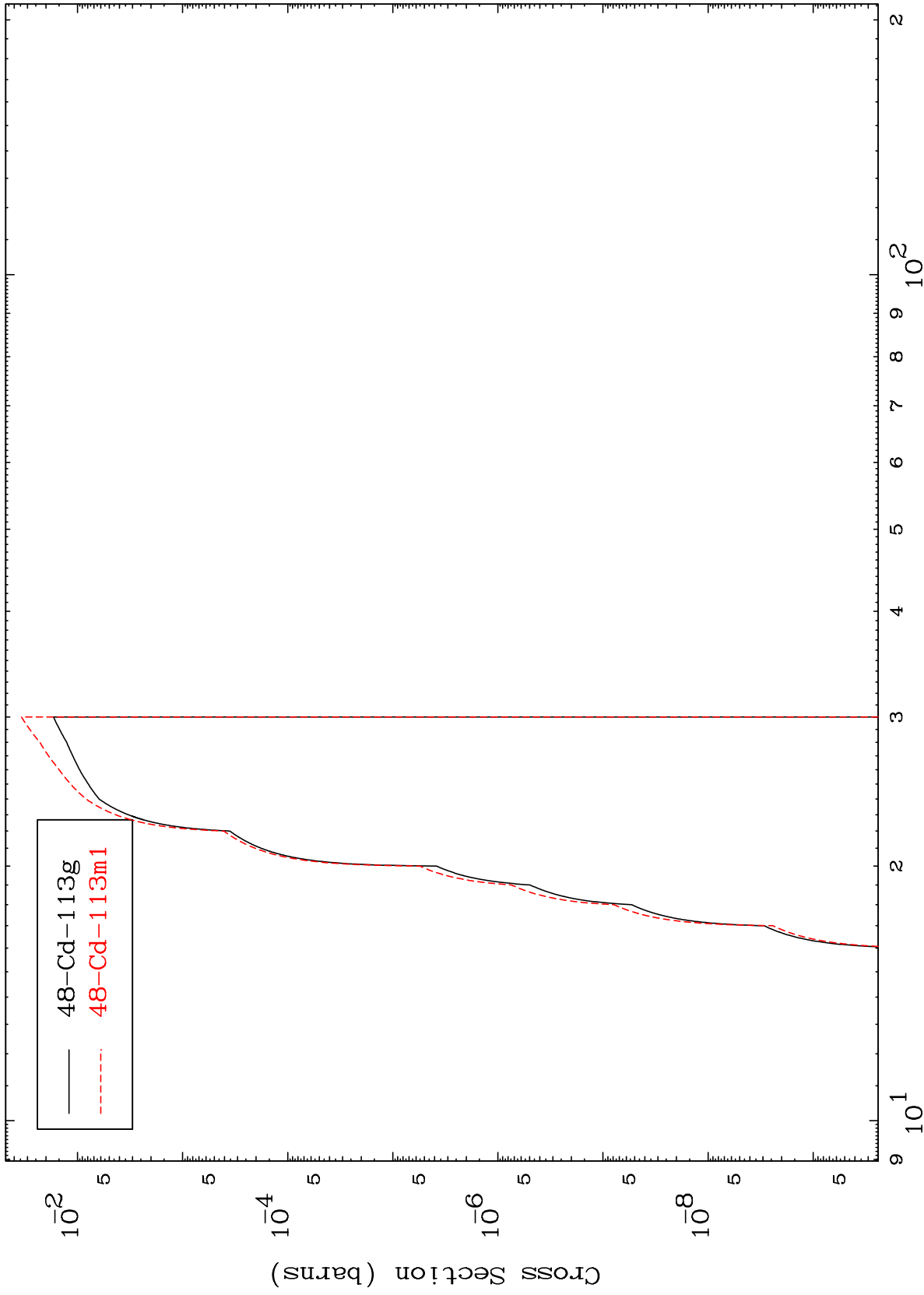
48-Cd-114

MAT 4849

(α, n') α

48-Cd-114

Radionuclide Production Cross Section



12

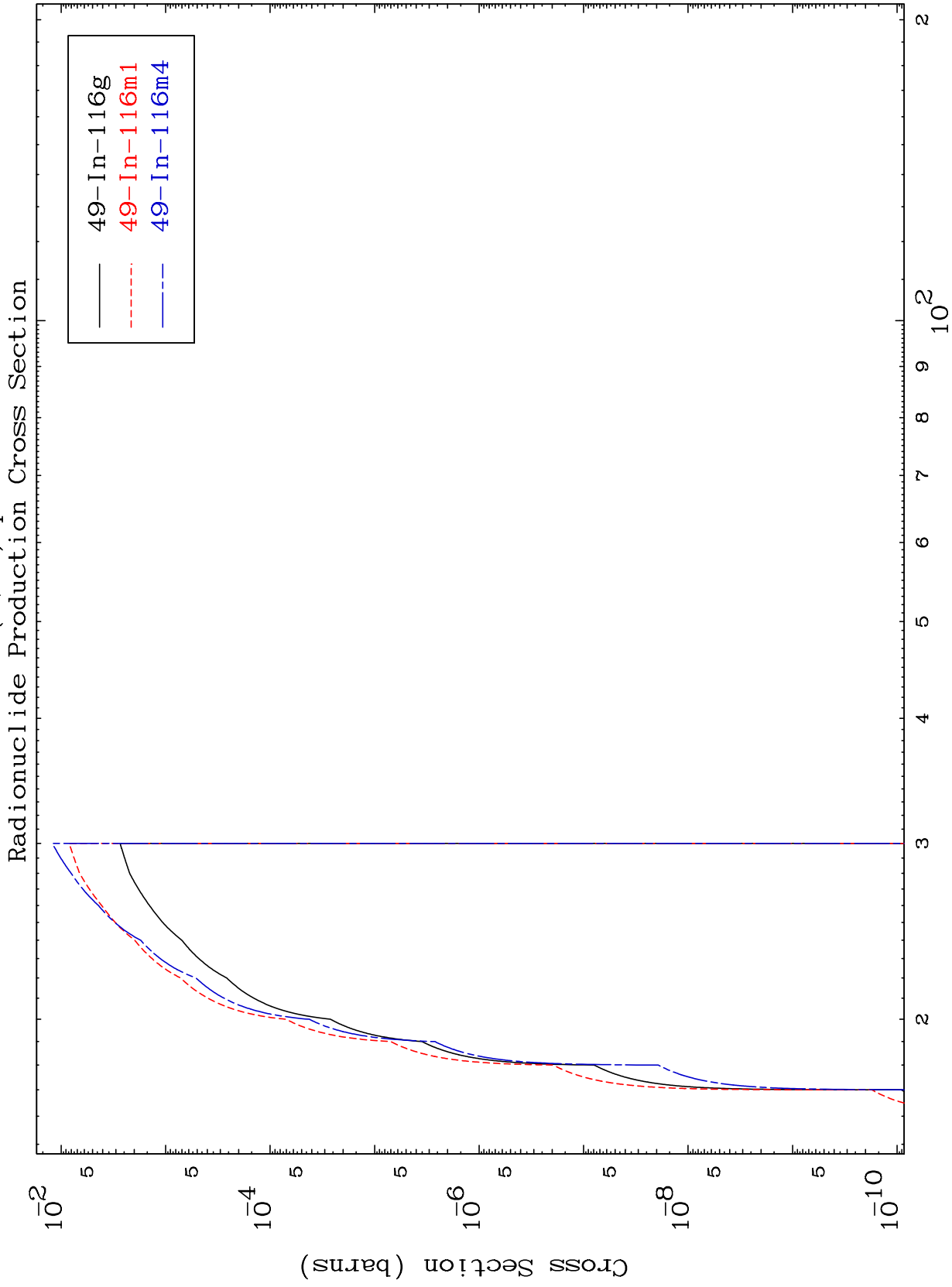
Incident Energy (MeV)

48-Cd-114

MAT 4849

(α, n') p

48-Cd-114



13

Incident Energy (MeV)

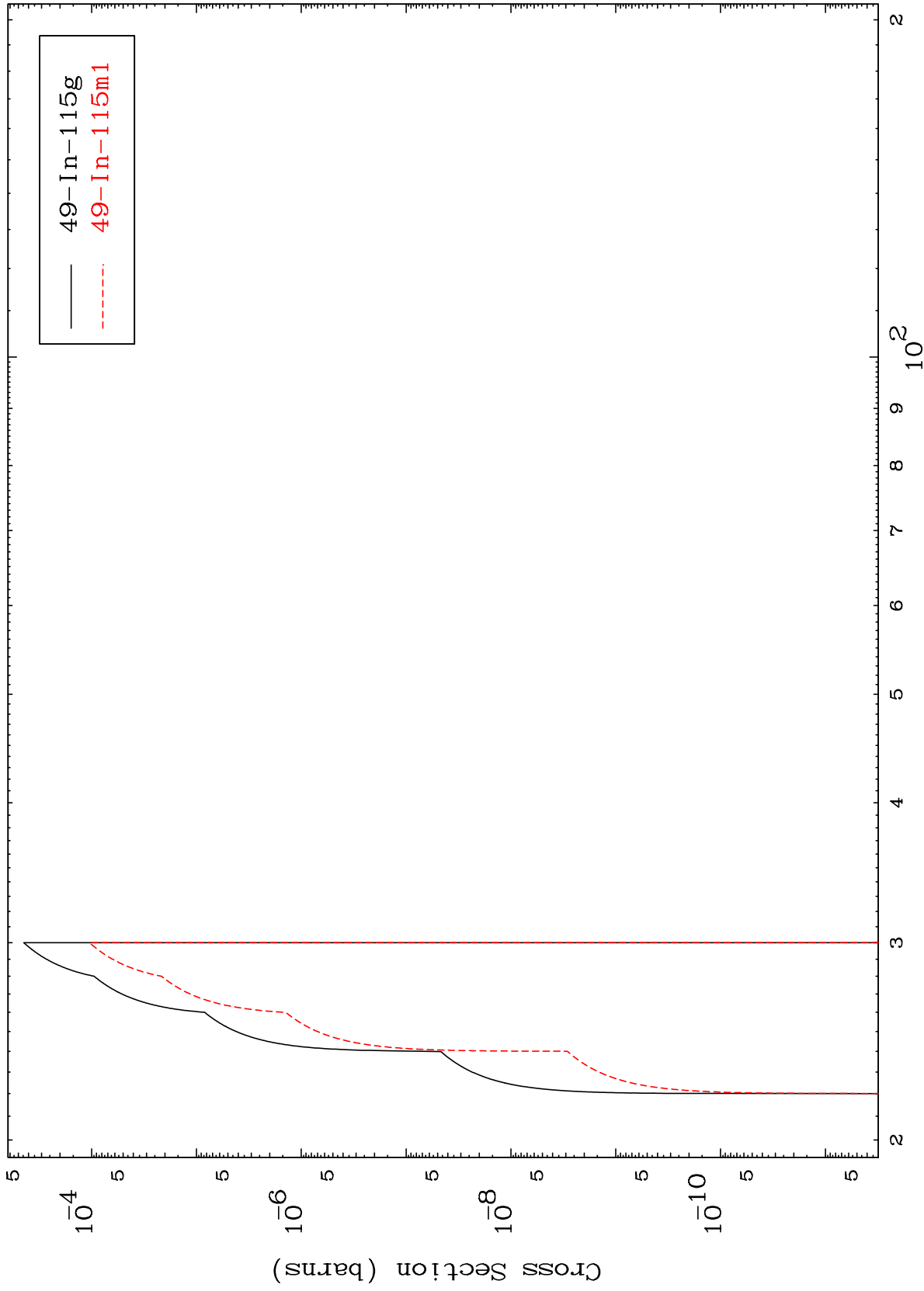
48-Cd-114

MAT 4849

(α, n') d

48-Cd-114

Radionuclide Production Cross Section



14

Incident Energy (MeV)

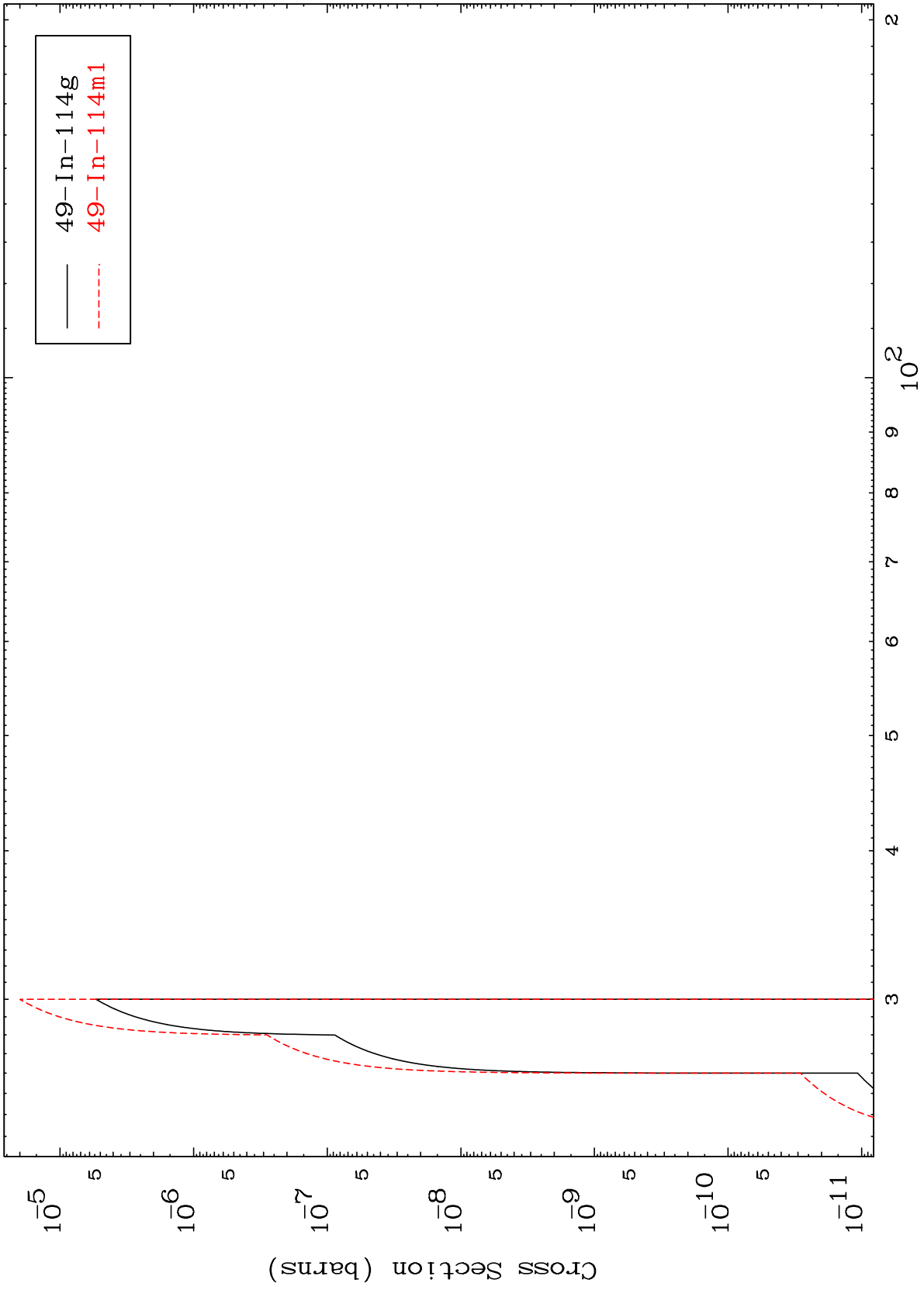
48-Cd-114

MAT 4849

(α, n') t

48-Cd-114

Radionuclide Production Cross Section



15

Incident Energy (MeV)

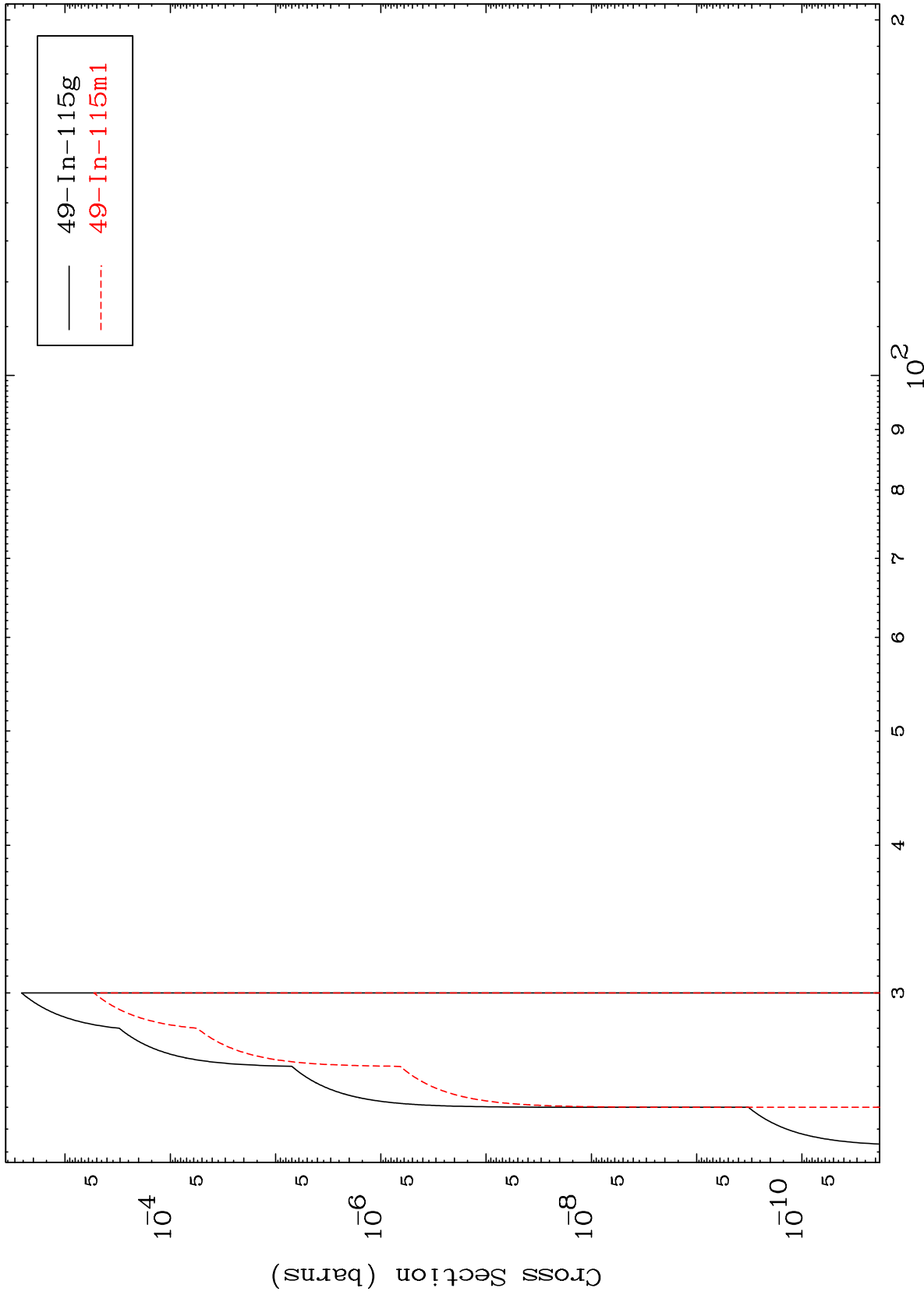
48-Cd-114

MAT 4849

($\alpha, 2n$) p

48-Cd-114

Radionuclide Production Cross Section



16

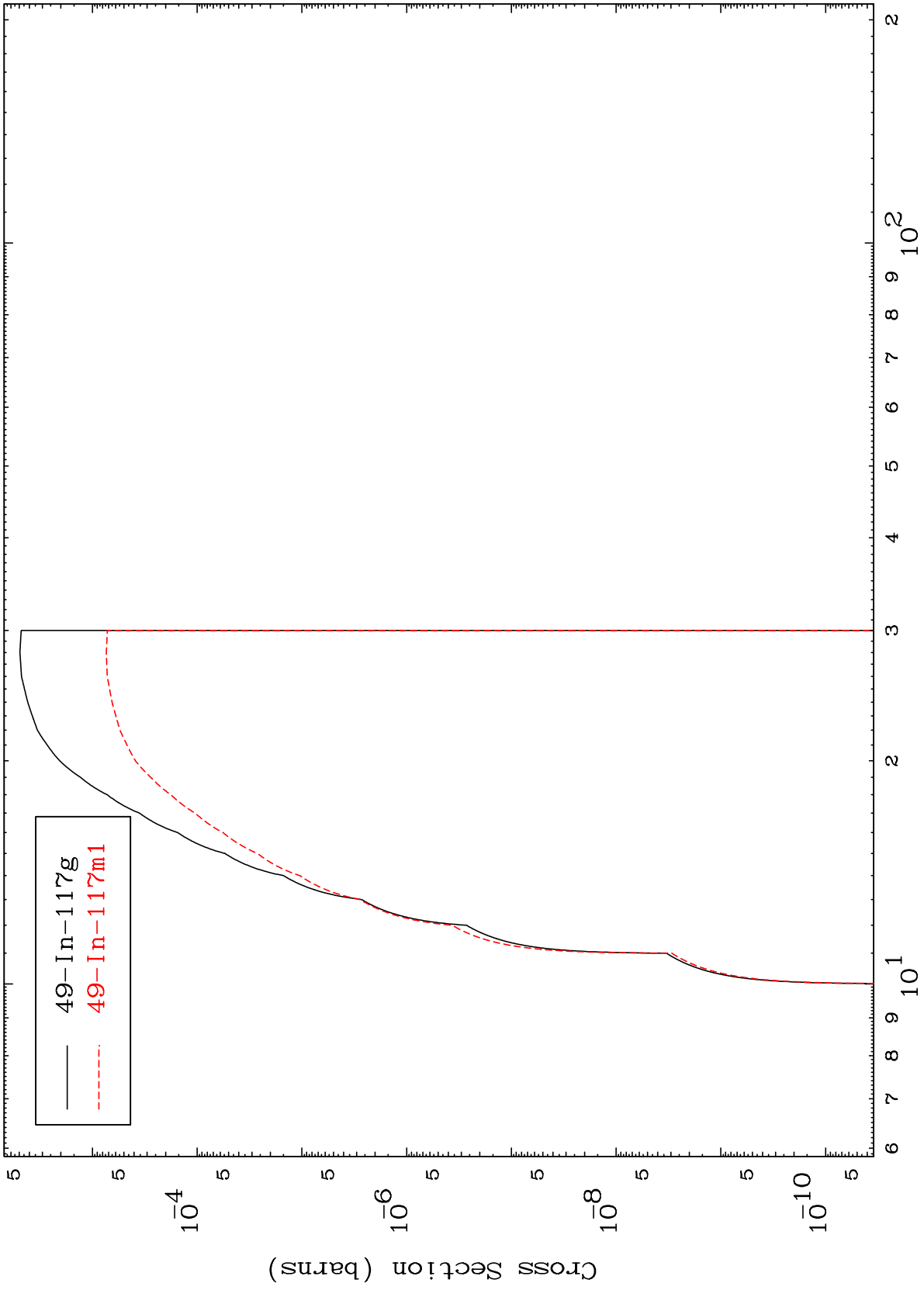
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(α, p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

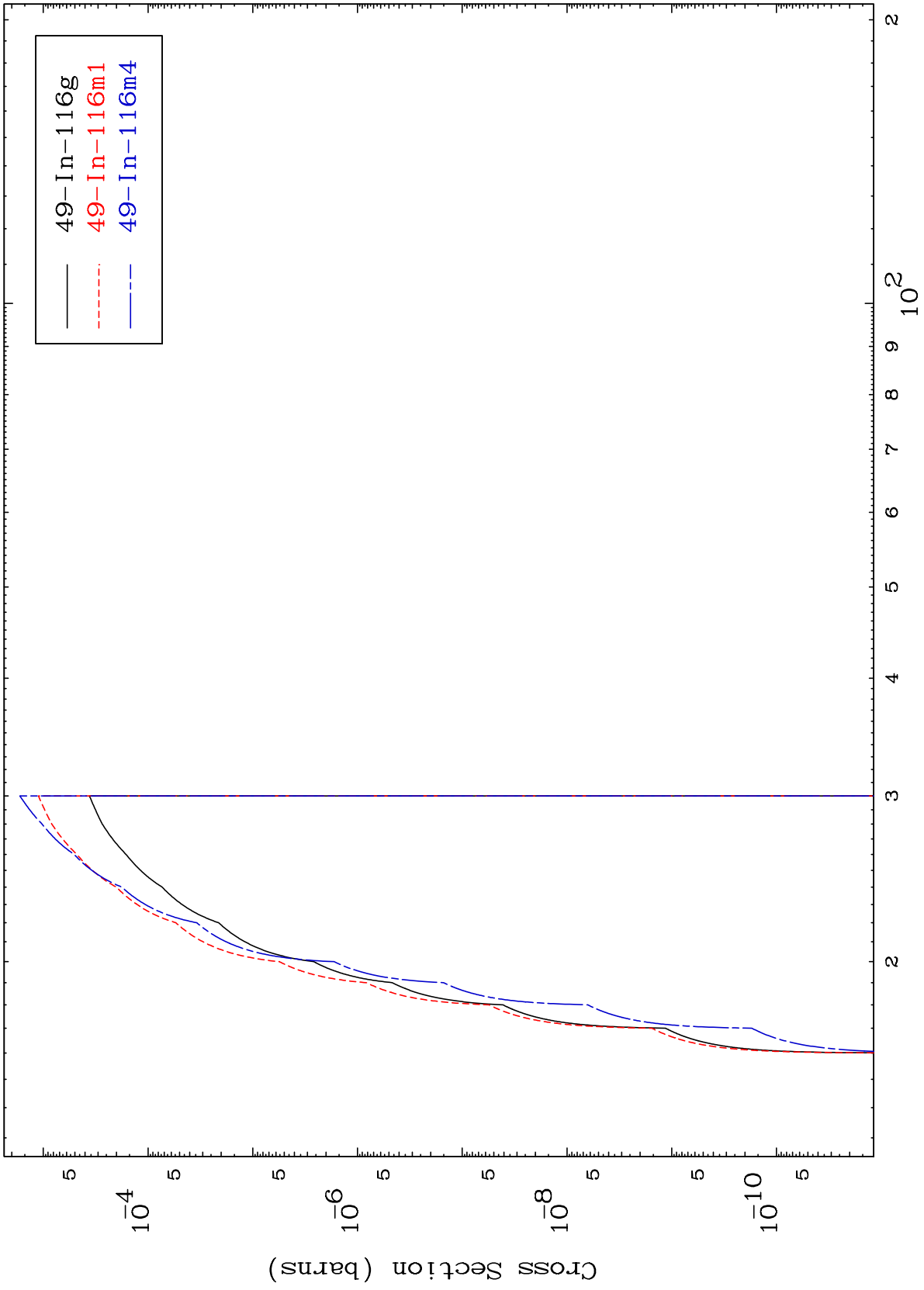
48-Cd-114

MAT 4849

(α, d)

48-Cd-114

Radionuclide Production Cross Section



18

Incident Energy (MeV)

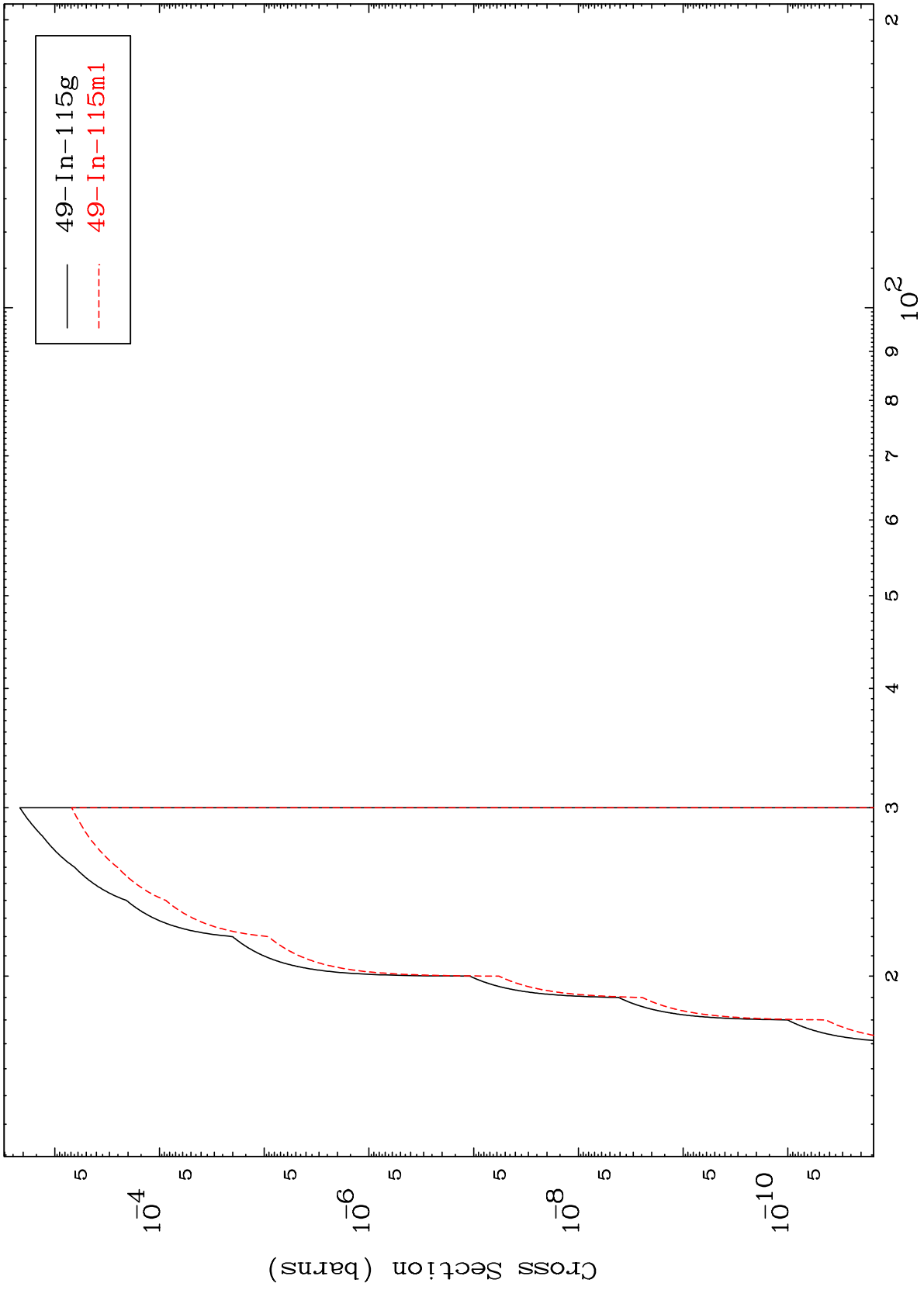
48-Cd-114

MAT 4849

(α, t)

48-Cd-114

Radionuclide Production Cross Section



19

Incident Energy (MeV)

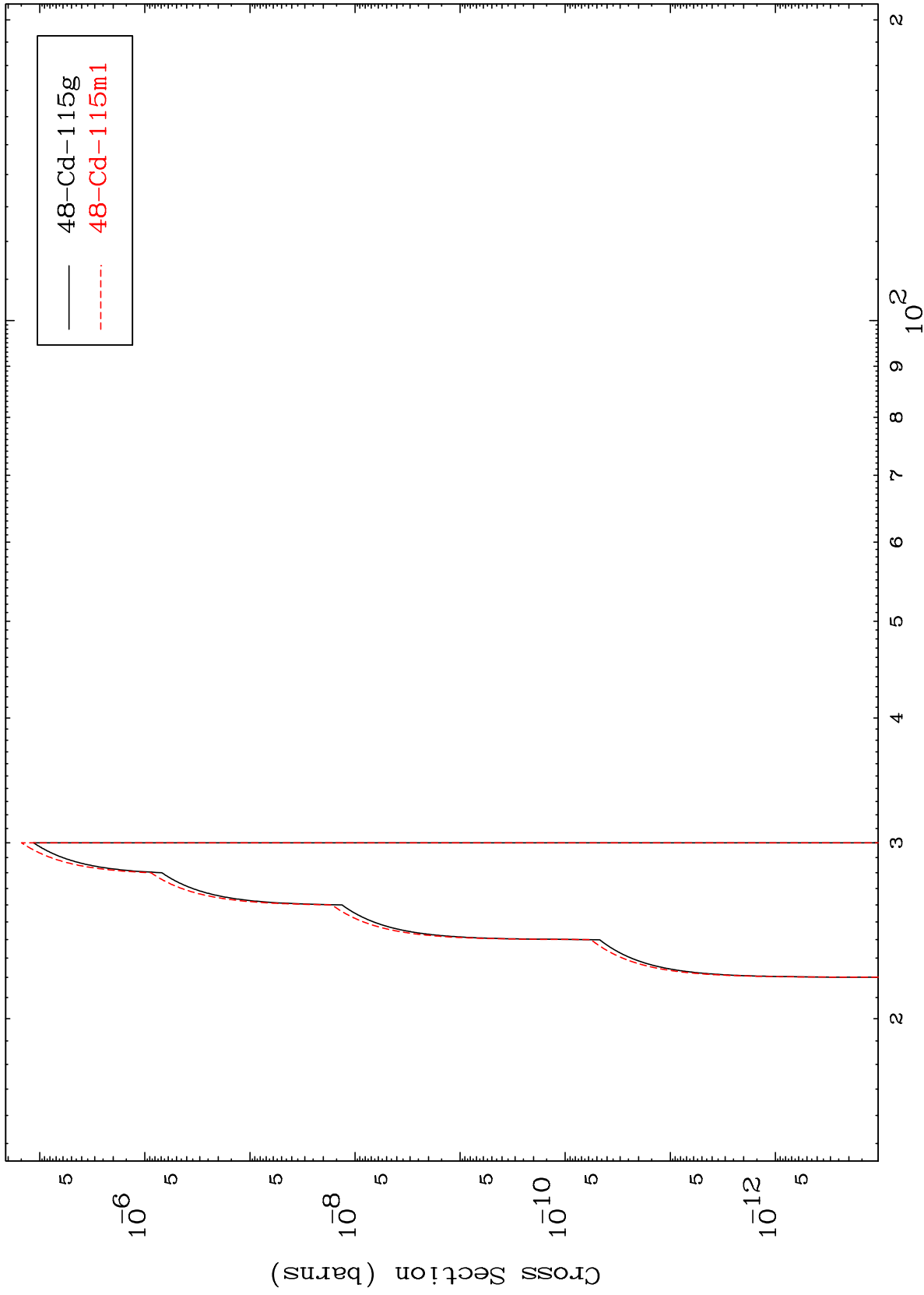
48-Cd-114

MAT 4849

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

48-Cd-114

Radionuclide Production Cross Section



20

Incident Energy (MeV)

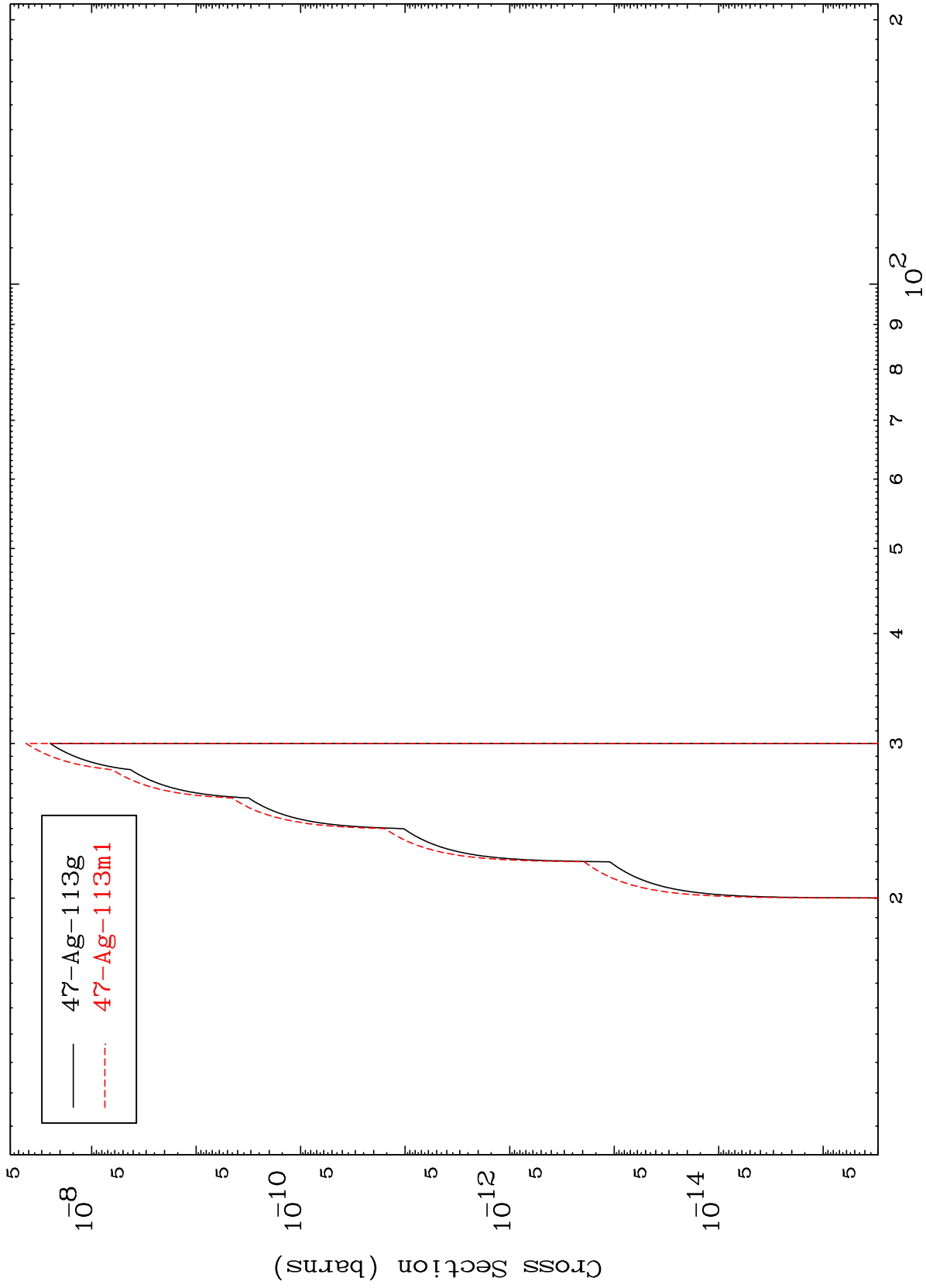
48-Cd-114

MAT 4849

(α, p) α

48-Cd-114

Radionuclide Production Cross Section



21

Incident Energy (MeV)

48-Cd-114