

Program EVALPLOT
(Version 2018-1)

by

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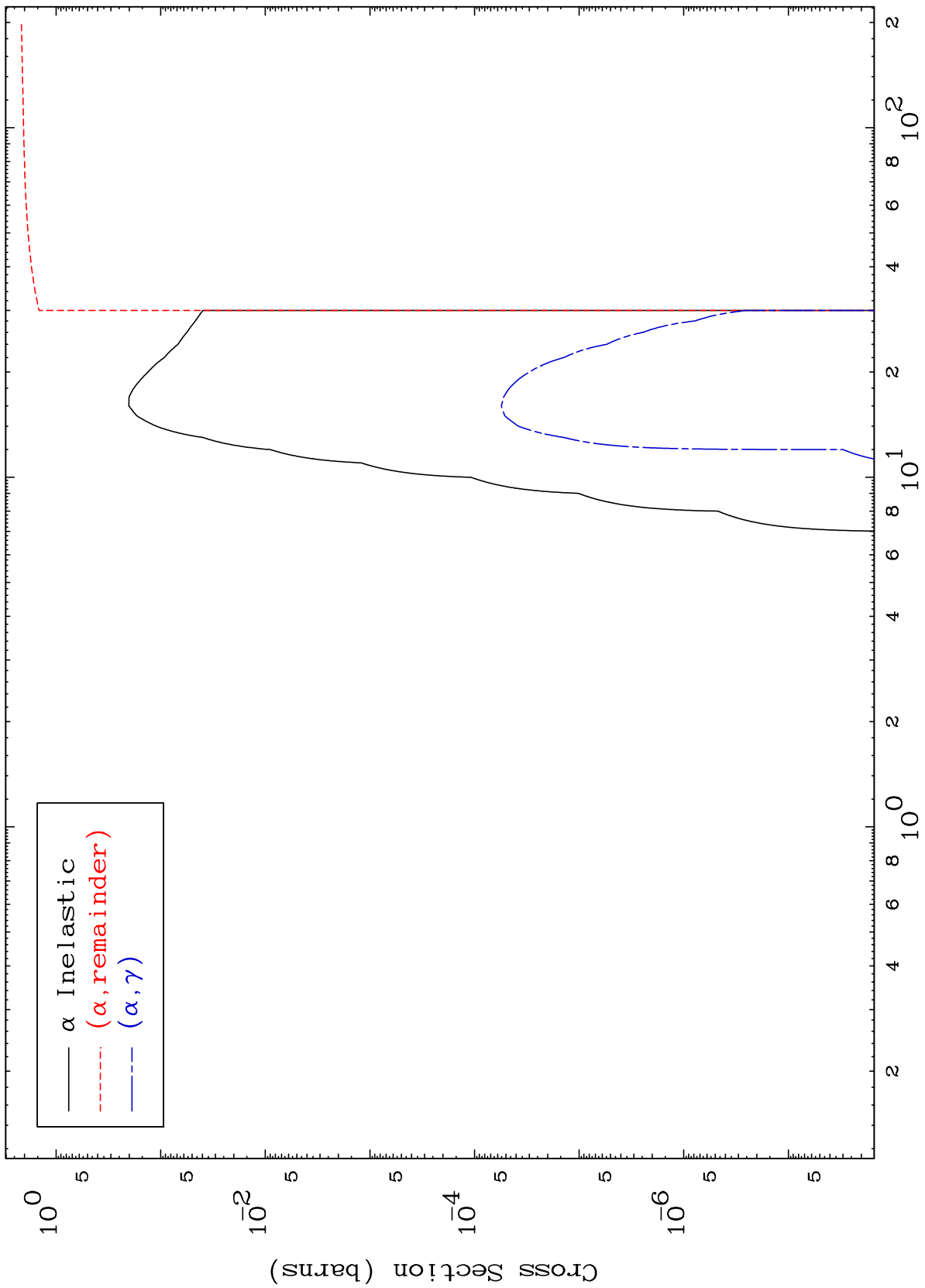
Press Mouse Button to Start

MAT 4847

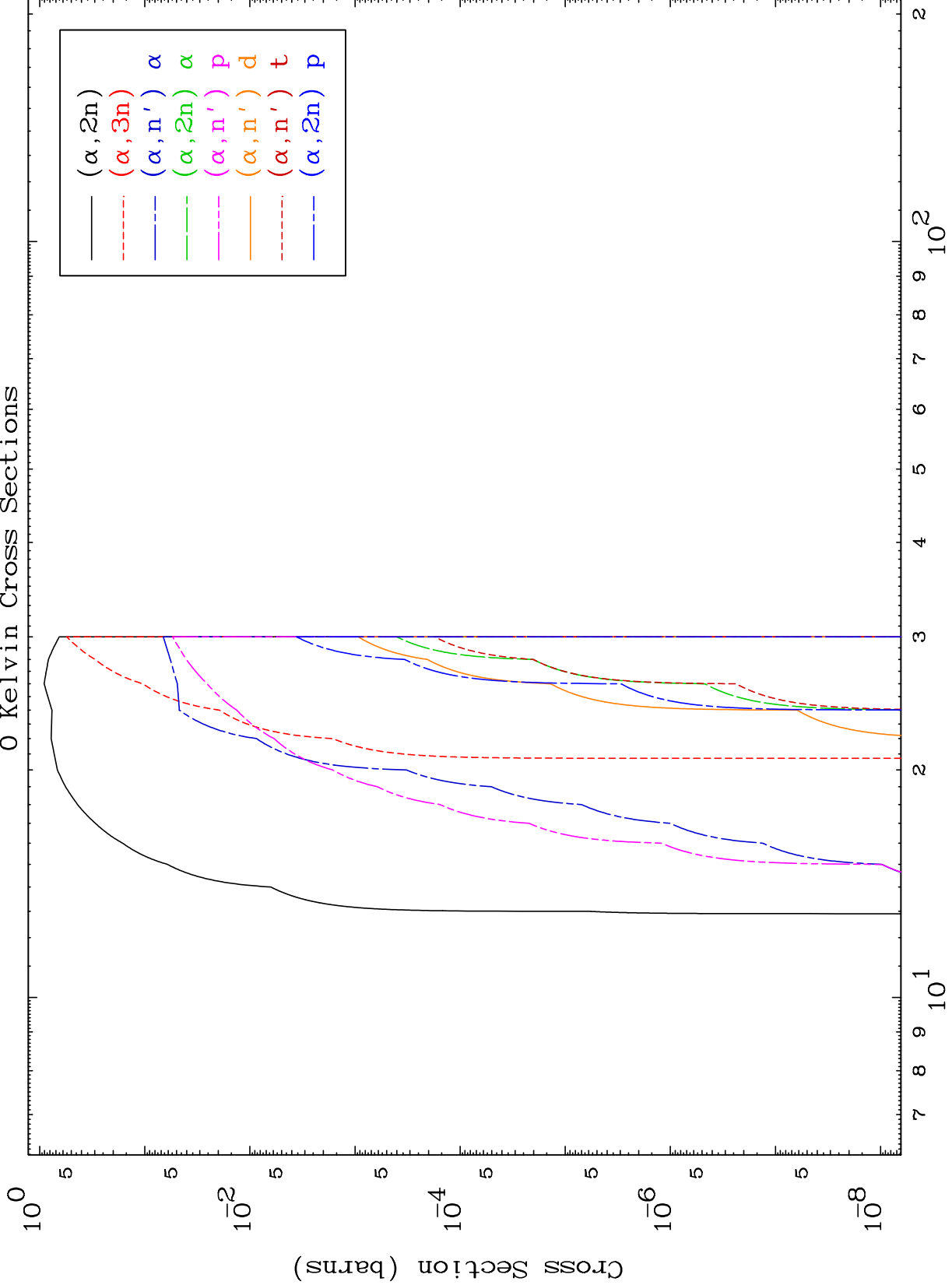
α Major

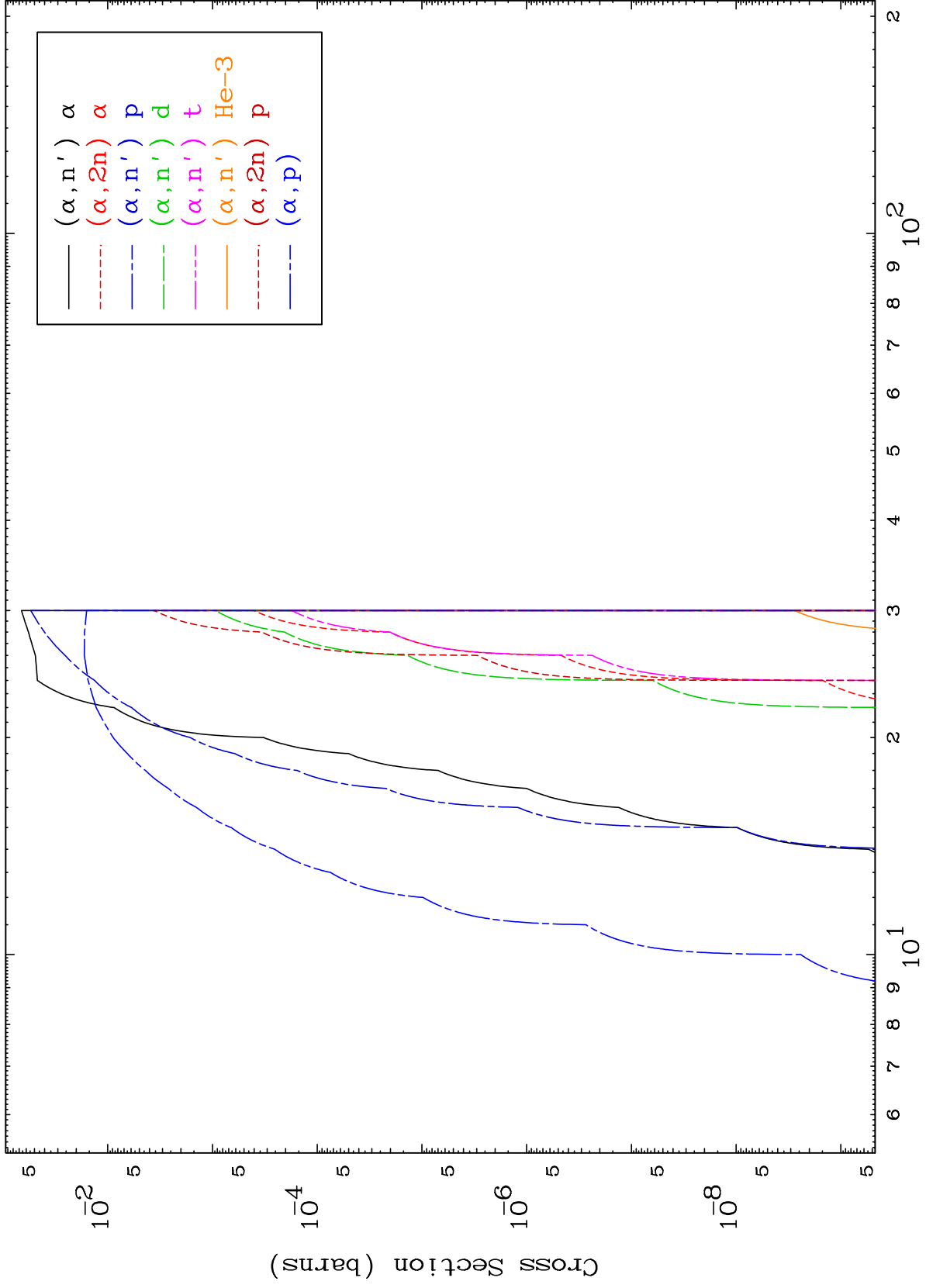
48-Cd-113

0 Kelvin Cross Sections



α Inelastic
(α , remainder)
(α , γ)

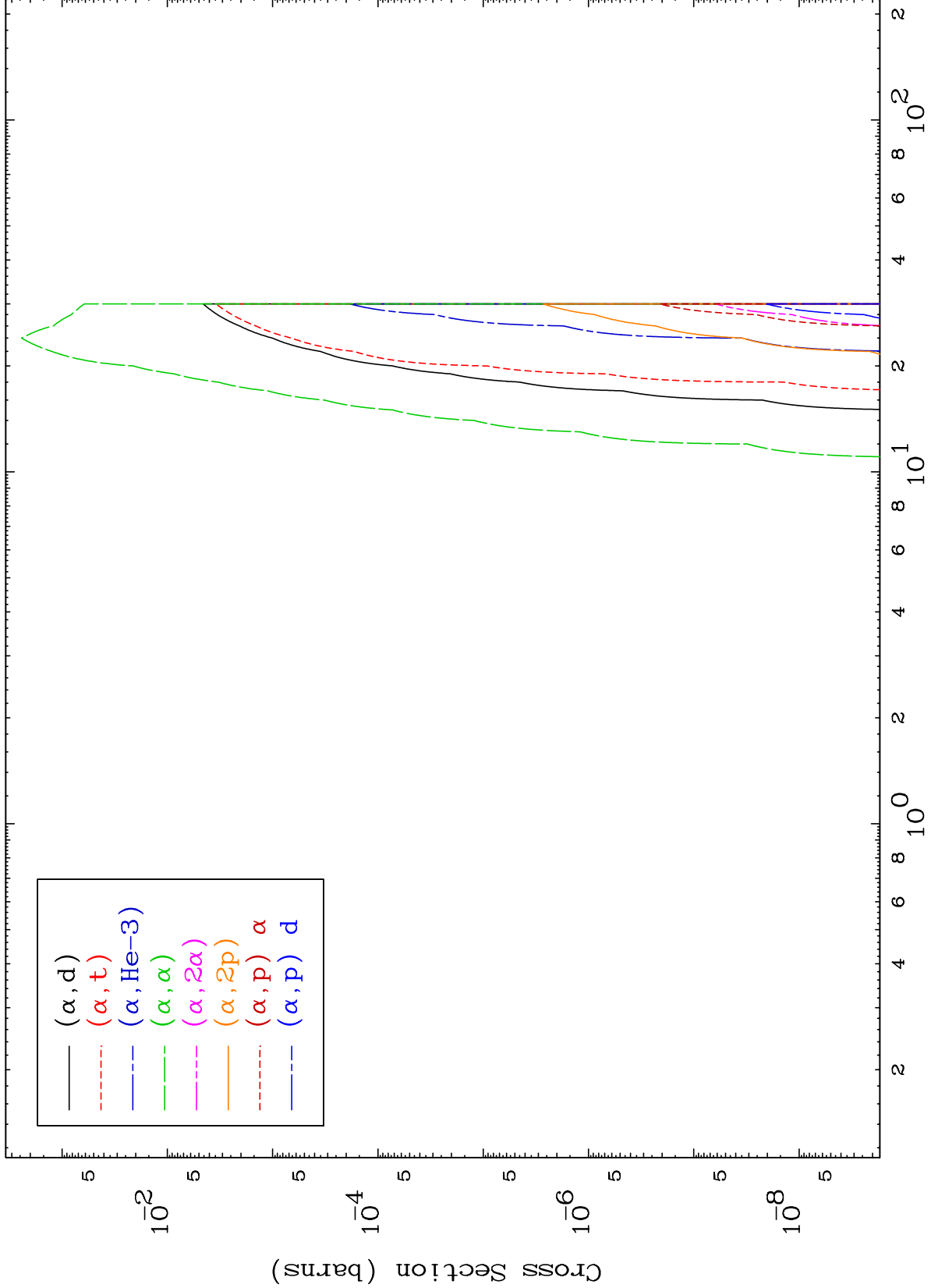




MAT 4847

α Charged Particle
0 Kelvin Cross Sections

48-Cd-113



Incident Energy (MeV)

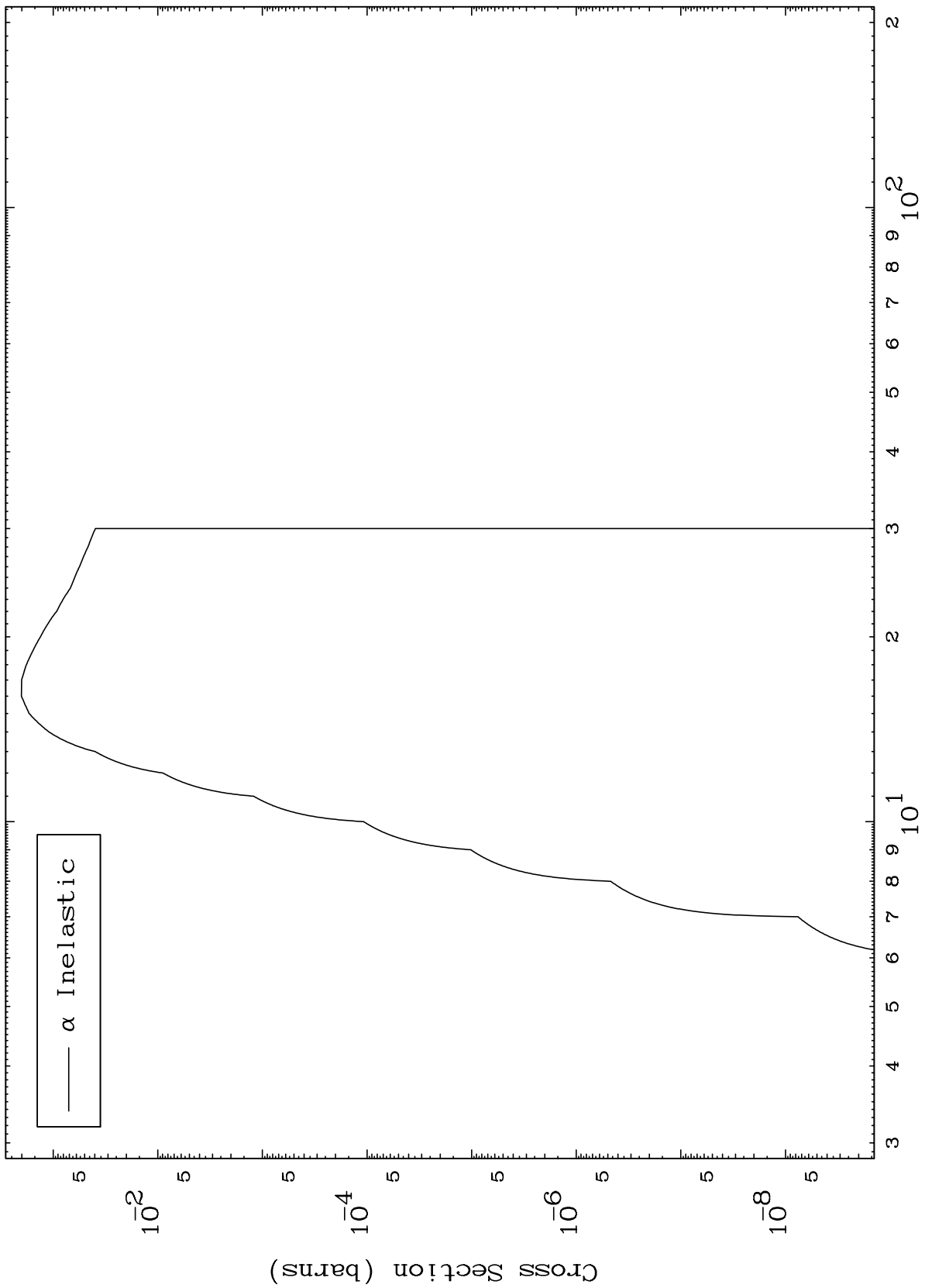
48-Cd-113

MAT 4847

(α, n') Level

48-Cd-113

0 Kelvin Cross Sections



5

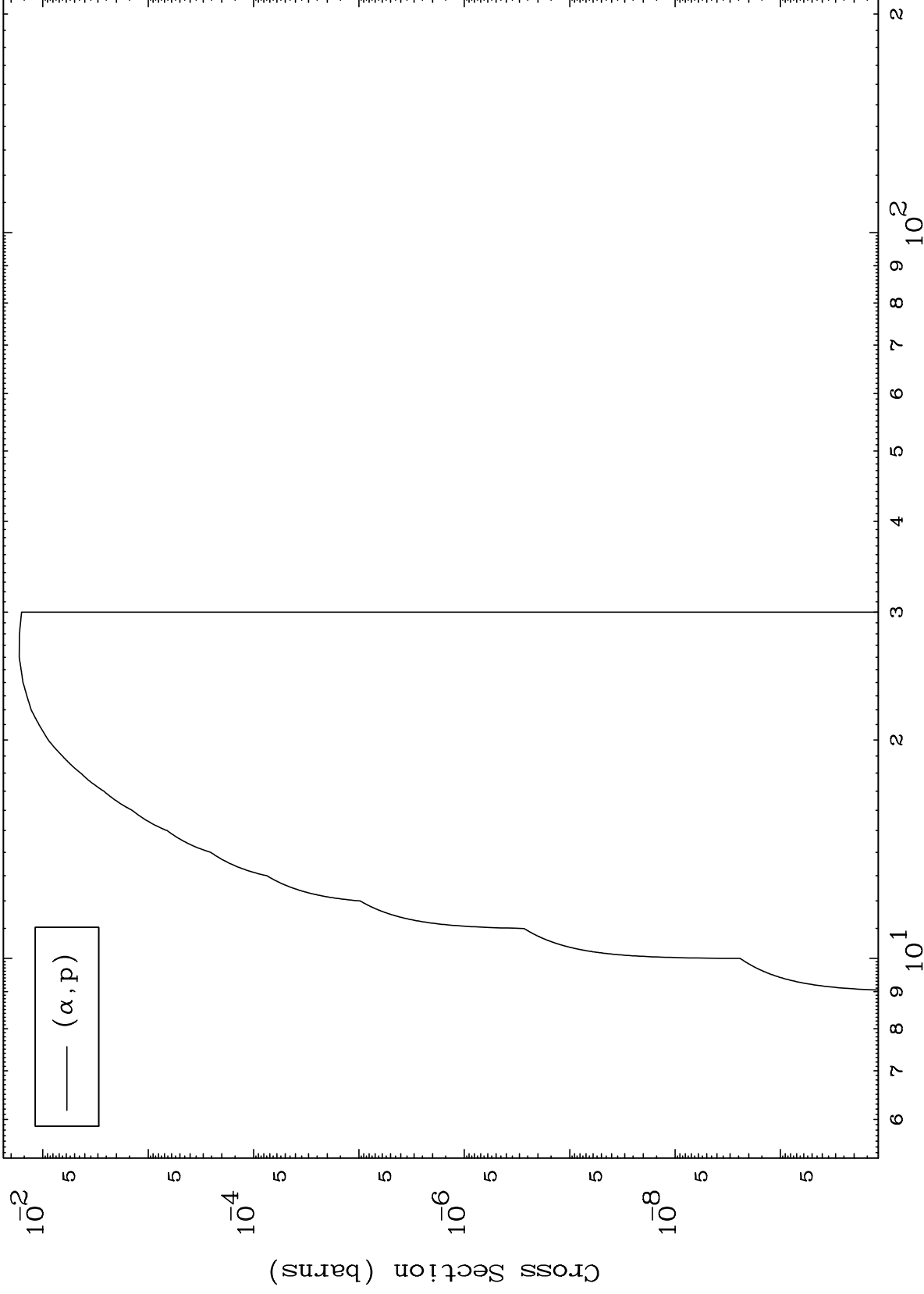
Incident Energy (MeV)

48-Cd-113

MAT 4847

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-113



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Incident Energy (MeV)

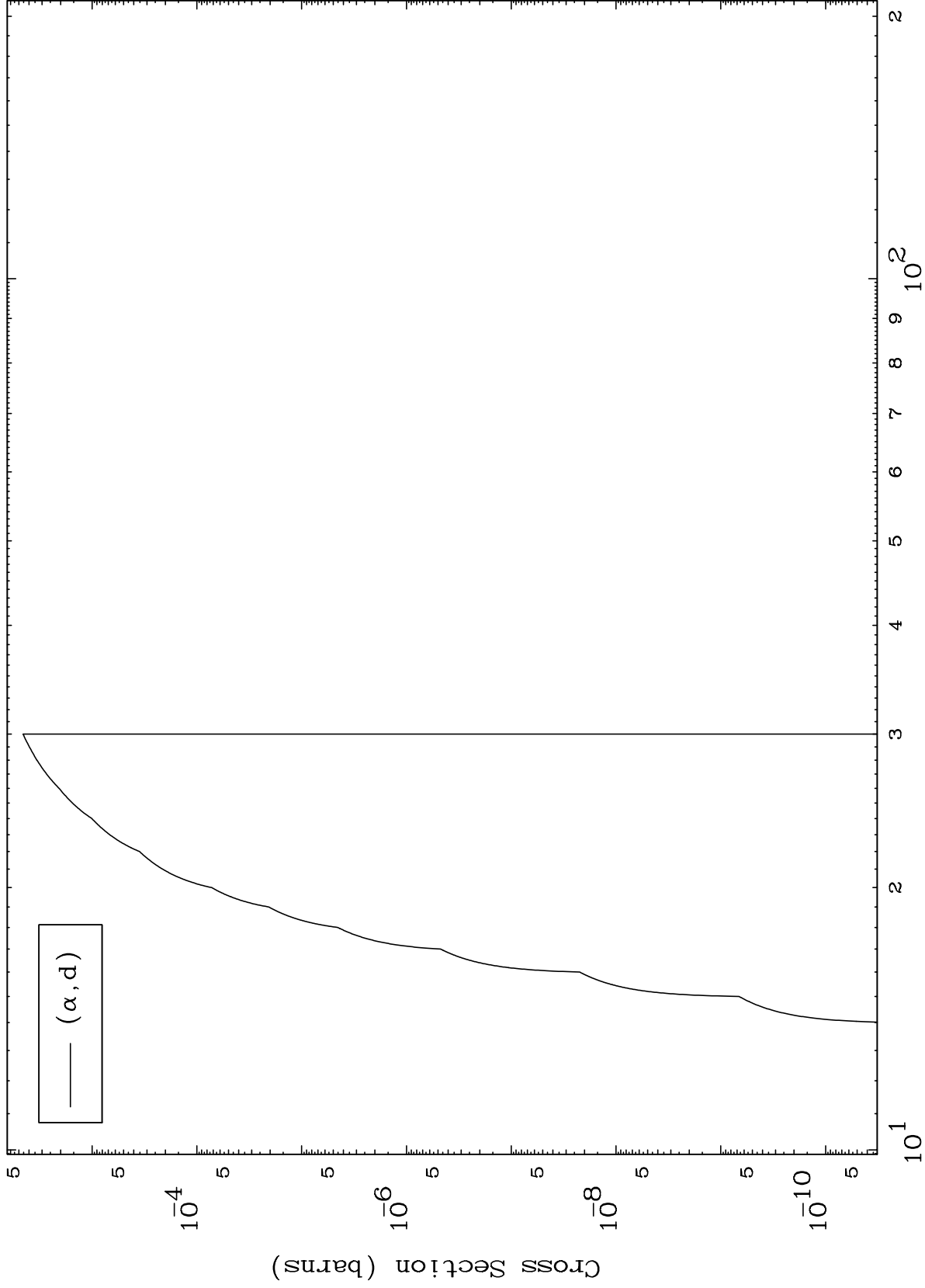
48-Cd-113

MAT 4847

(α, d) Levels

48-Cd-113

0 Kelvin Cross Sections



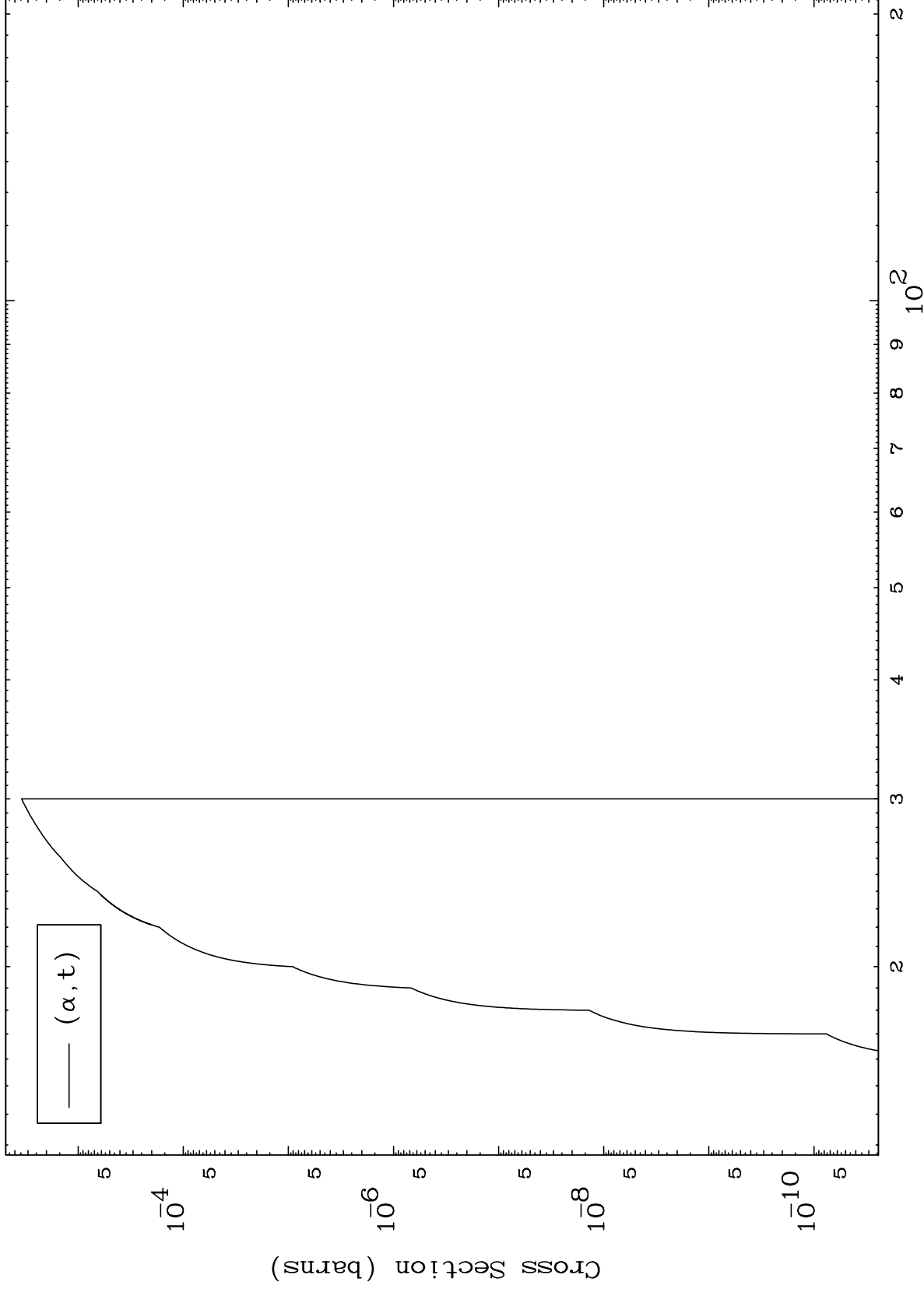
Incident Energy (MeV)

48-Cd-113

MAT 4847

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-113

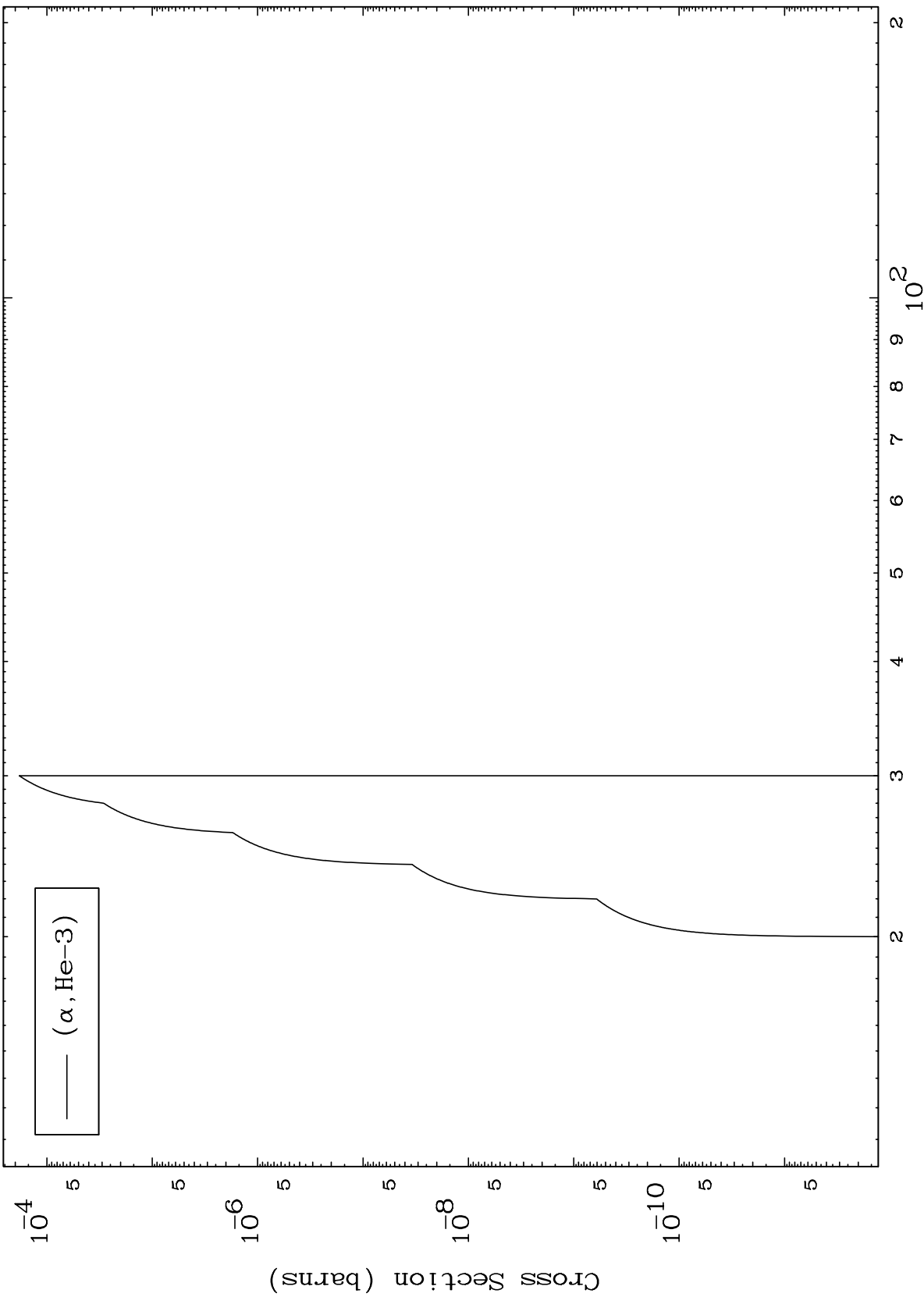


8

Incident Energy (MeV)

48-Cd-113

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



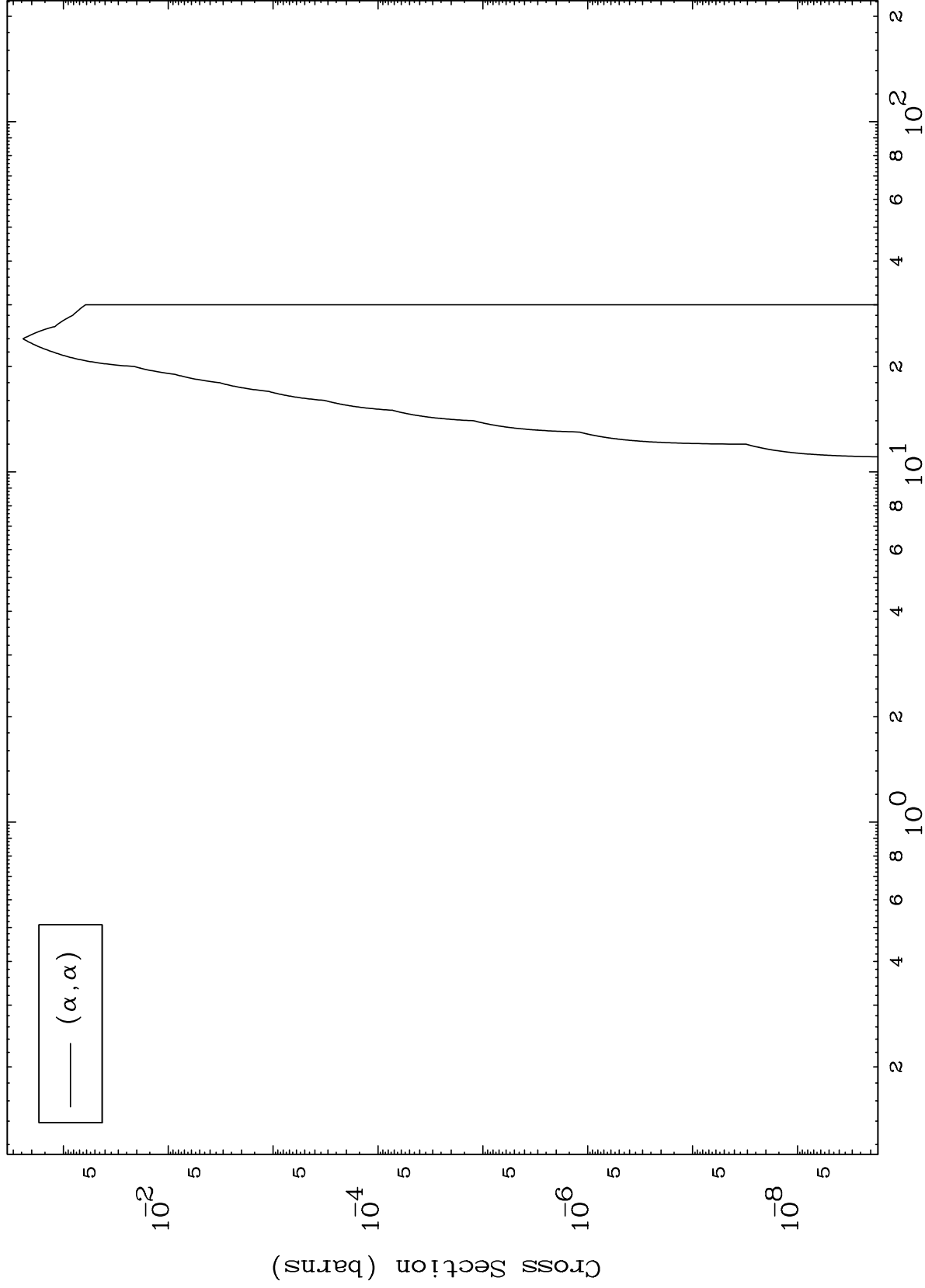
Incident Energy (MeV)

MAT 4847

(α, α) Levels

48-Cd-113

0 Kelvin Cross Sections



10

Incident Energy (MeV)

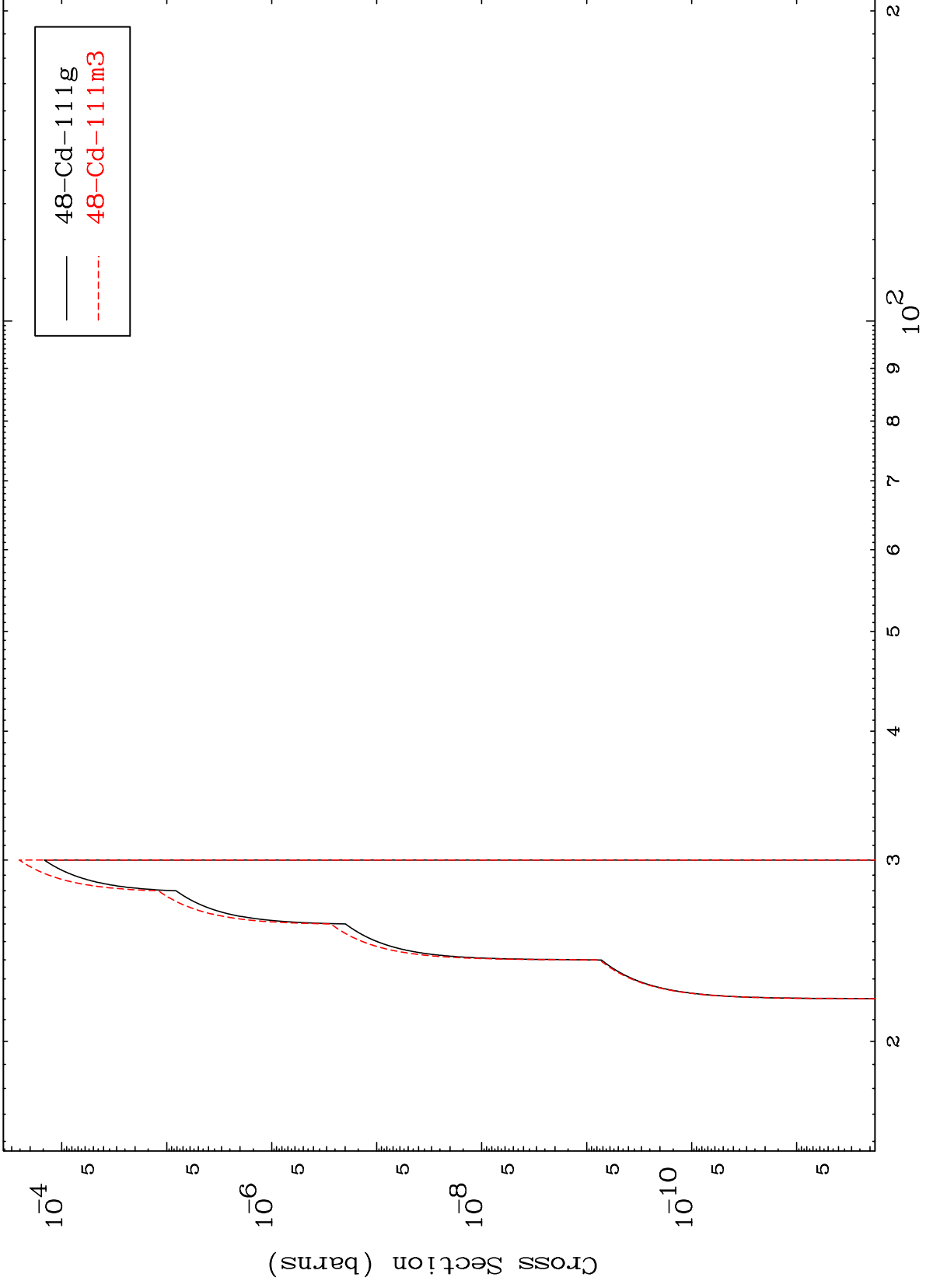
48-Cd-113

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$(\alpha, 2n)$ α

48-Cd-113

Radionuclide Production Cross Section



11

Incident Energy (MeV)

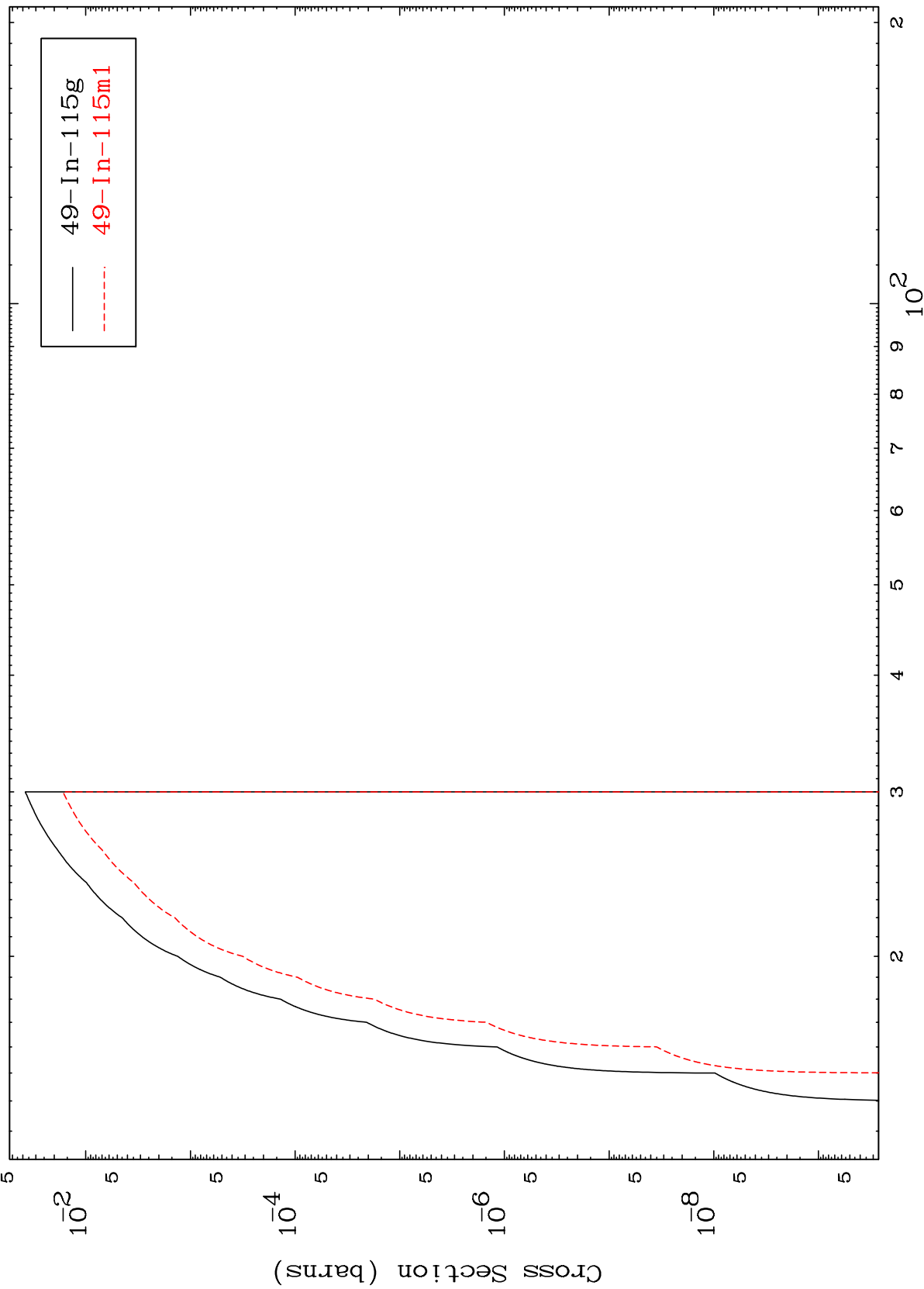
48-Cd-113

MAT 4847

(α, n') p

48-Cd-113

Radionuclide Production Cross Section



12

Incident Energy (MeV)

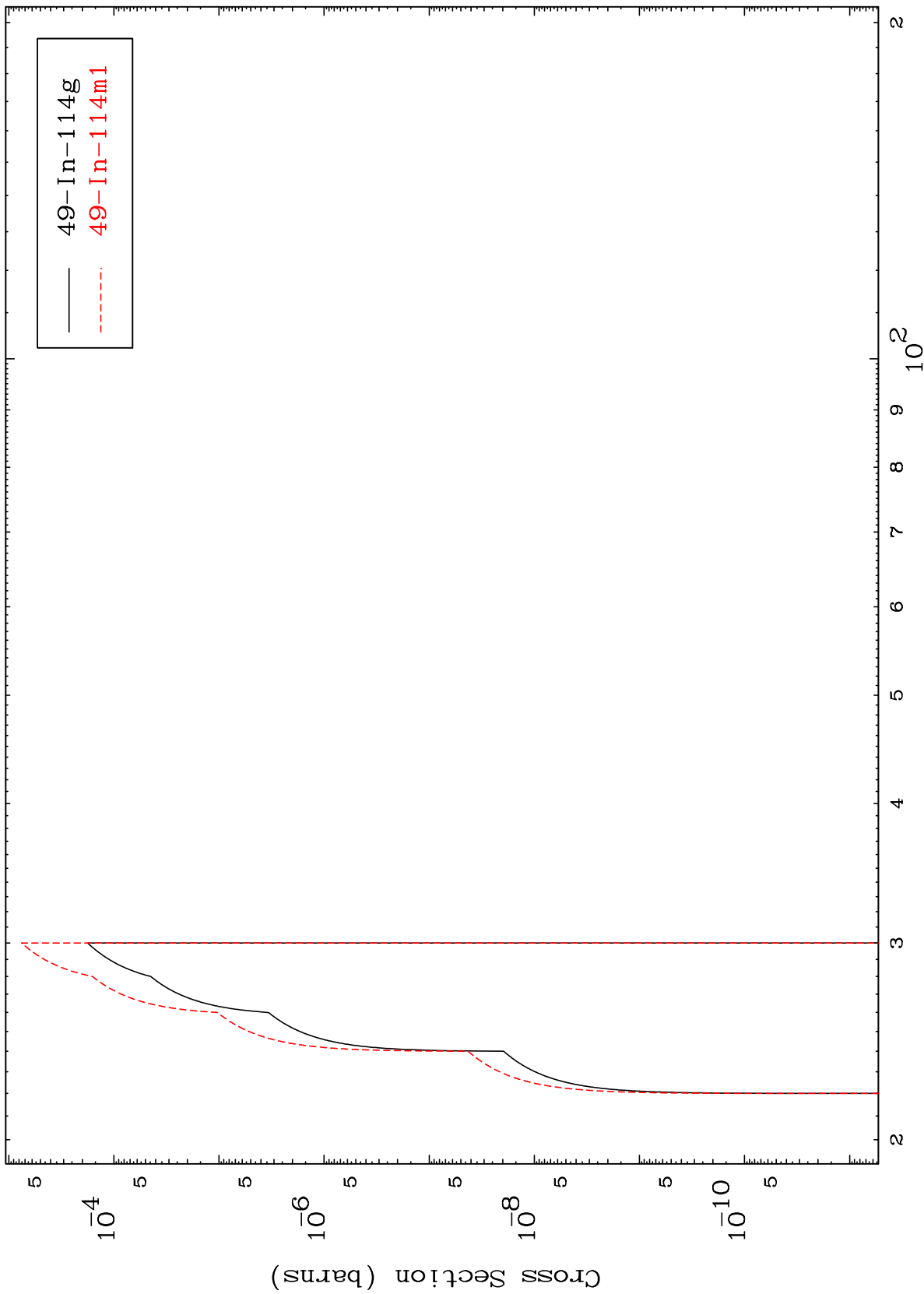
48-Cd-113

MAT 4847

(α, n') d

48-Cd-113

Radionuclide Production Cross Section



13

Incident Energy (MeV)

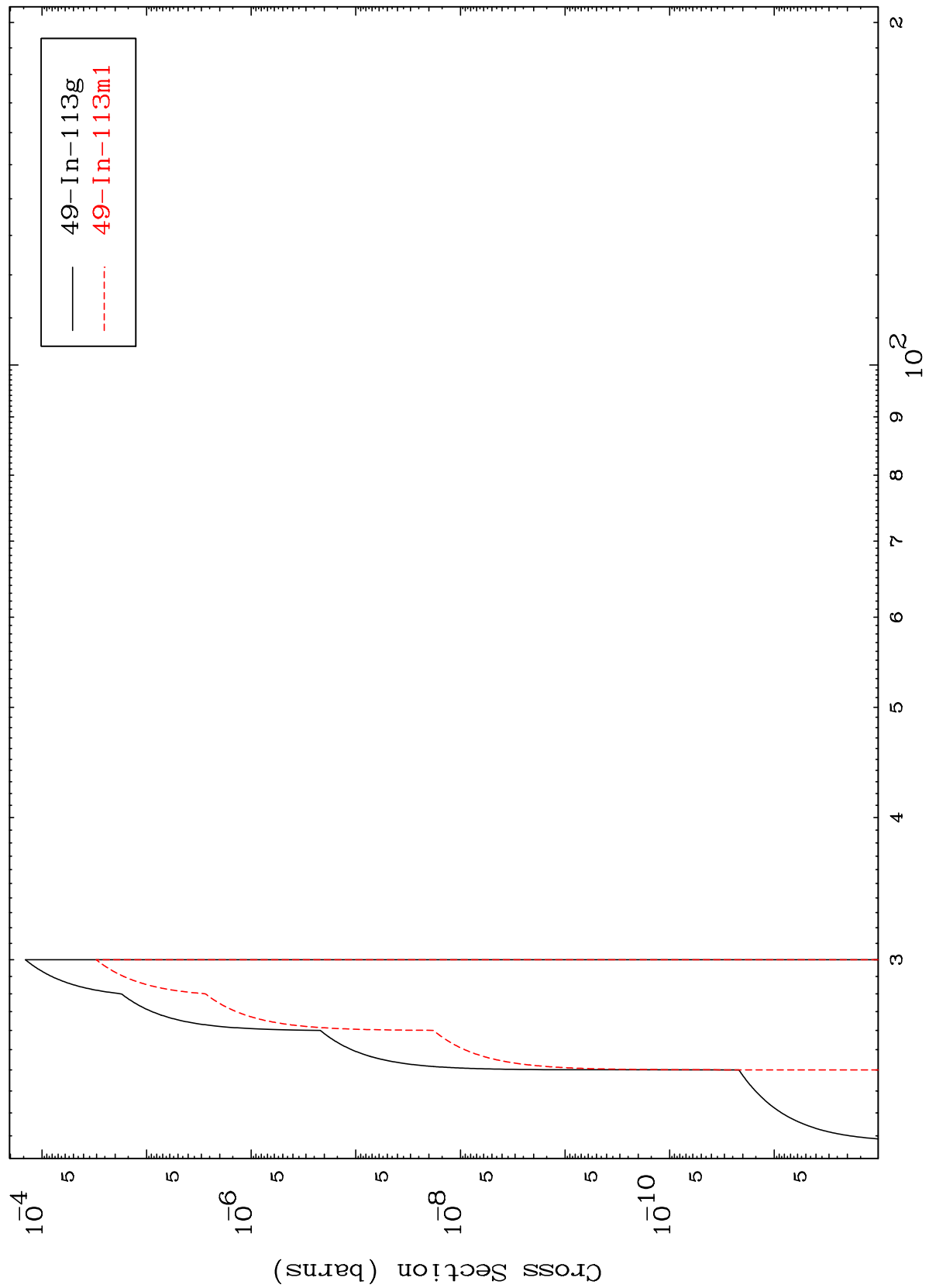
48-Cd-113

MAT 4847

(α, n') t

48-Cd-113

Radionuclide Production Cross Section



14

Incident Energy (MeV)

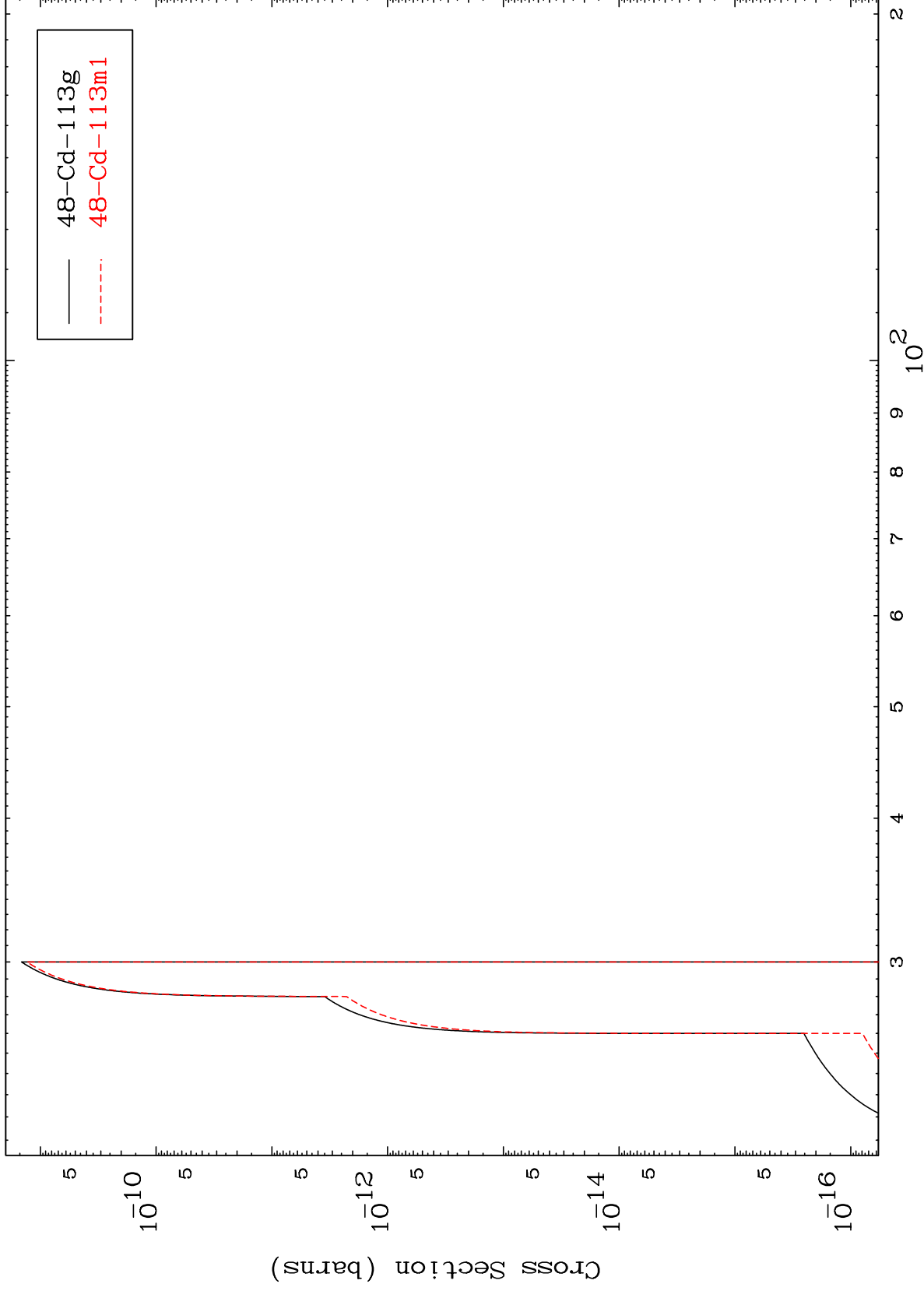
48-Cd-113

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(α, n') He-3

48-Cd-113

Radionuclide Production Cross Section



15

Incident Energy (MeV)

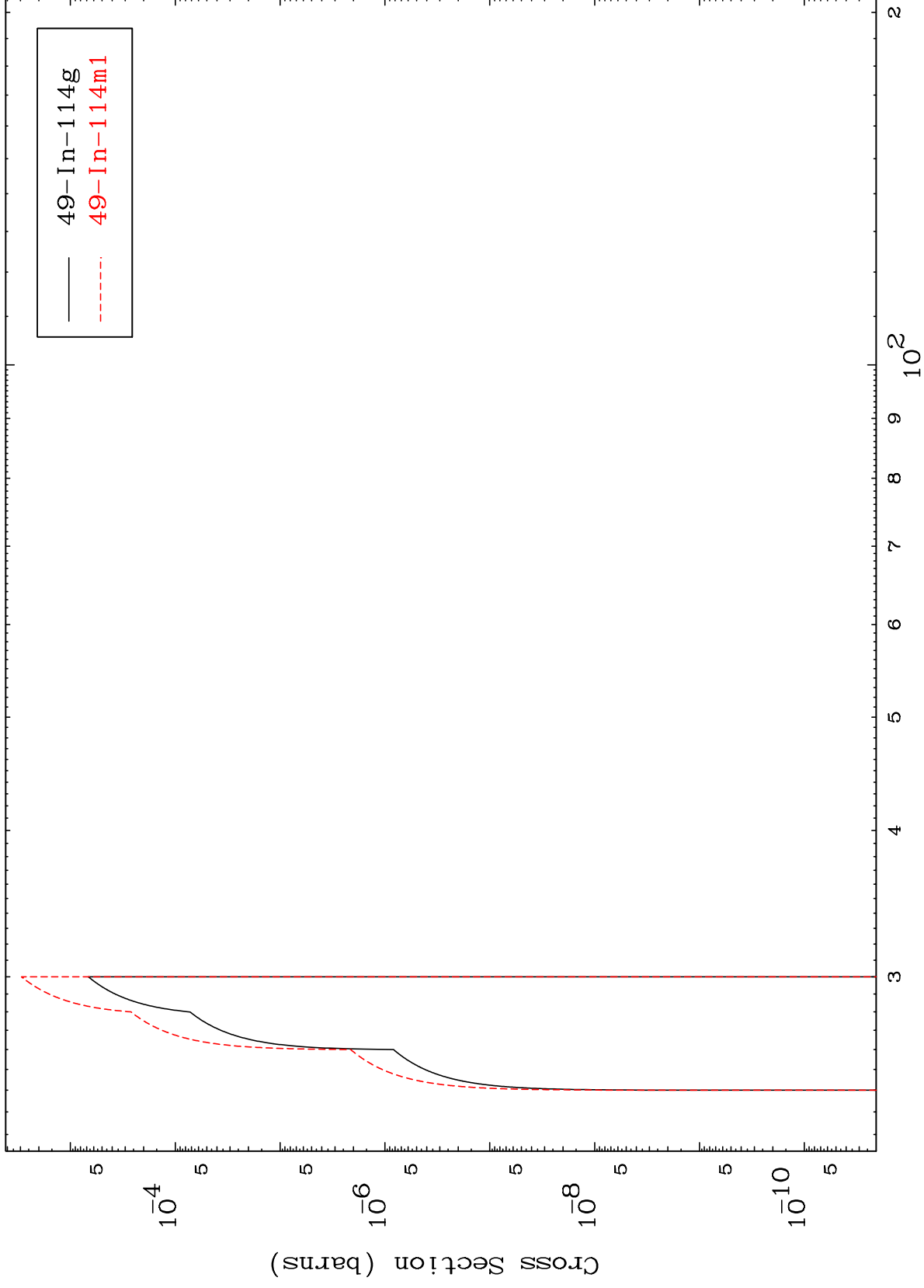
48-Cd-113

MAT 4847

($\alpha, 2n$) p

48-Cd-113

Radionuclide Production Cross Section



16

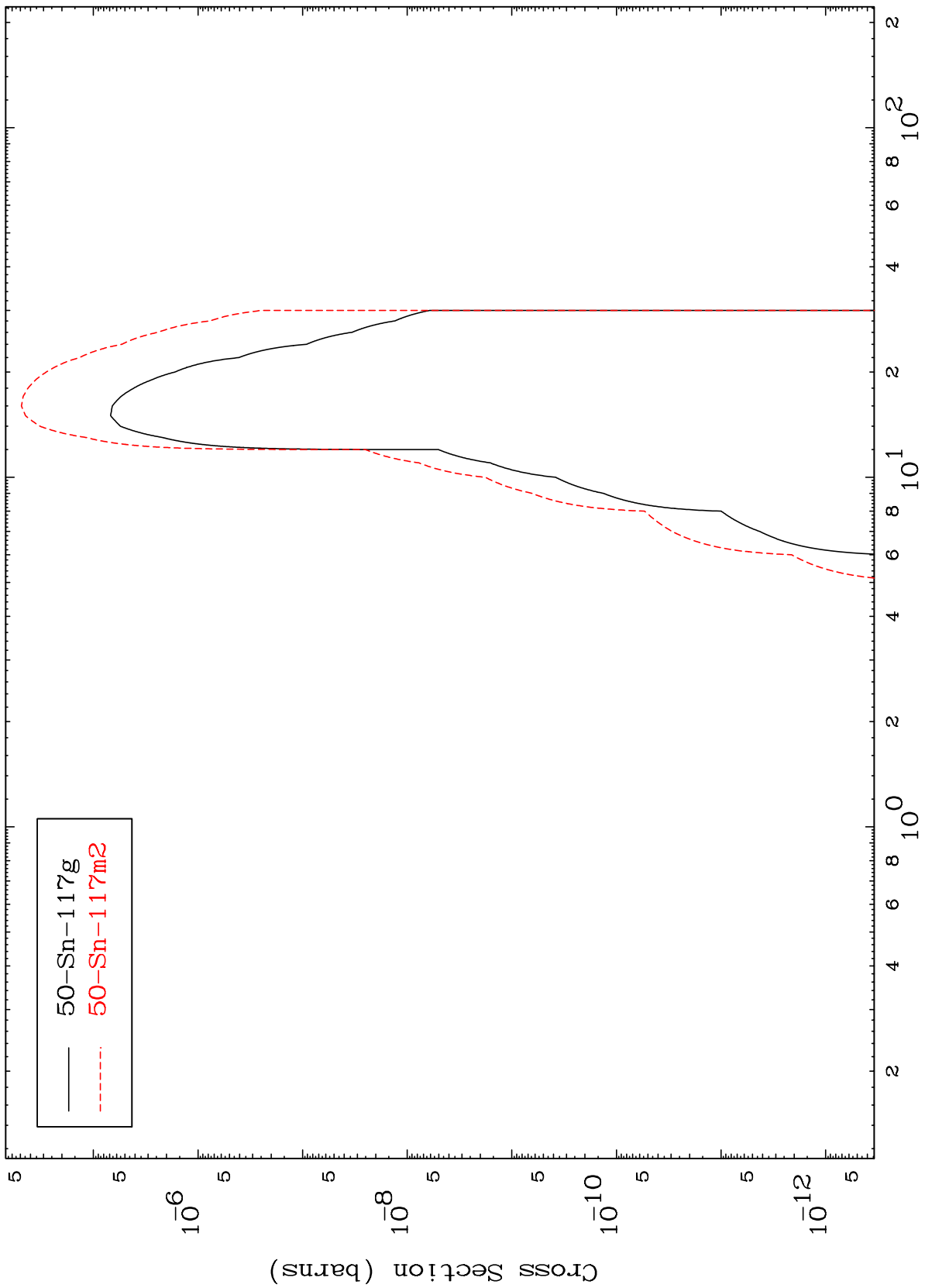
Incident Energy (MeV)

48-Cd-113

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48-Cd-113

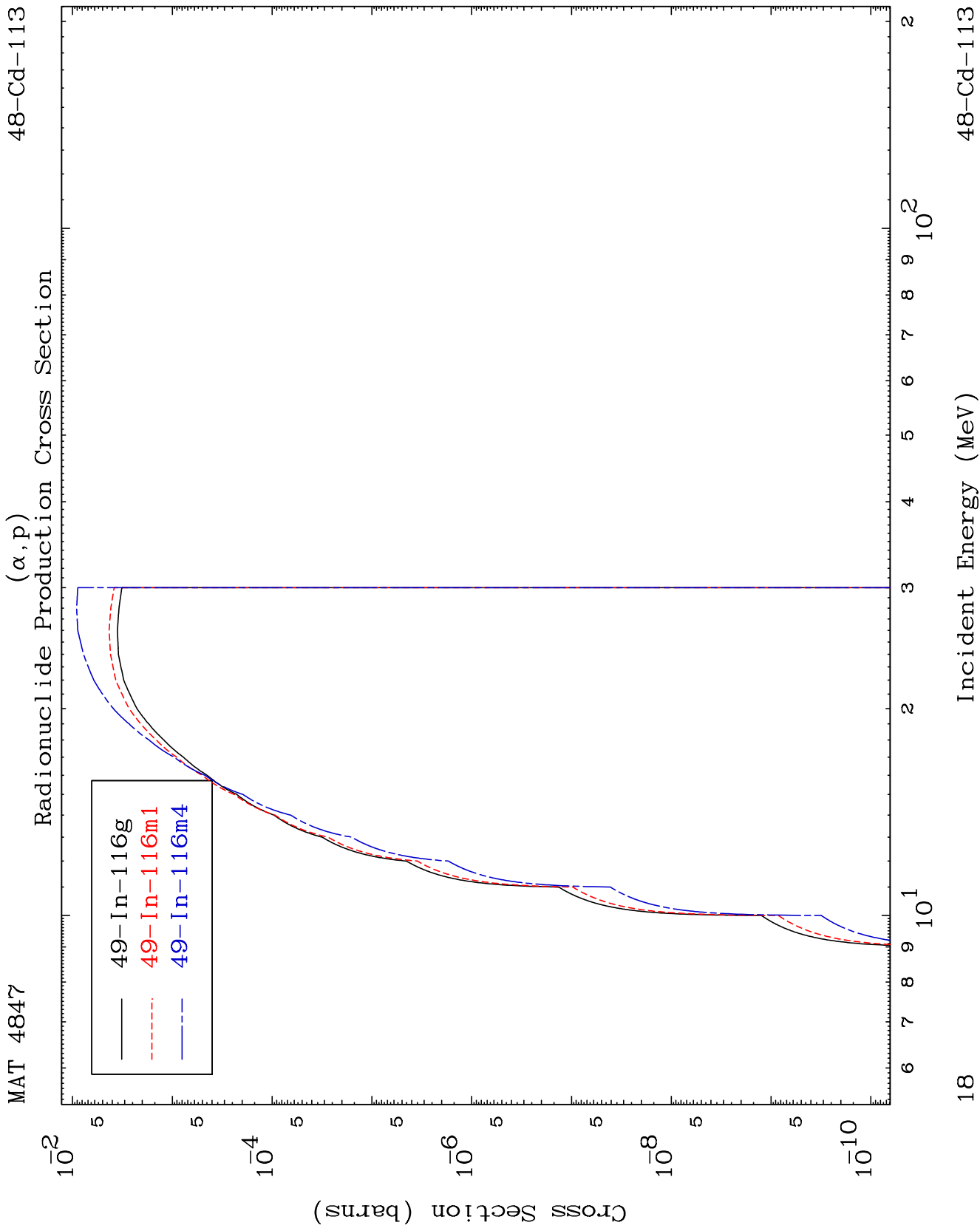
(α, γ)
Radionuclide Production Cross Section



48-Cd-113

Incident Energy (MeV)

17

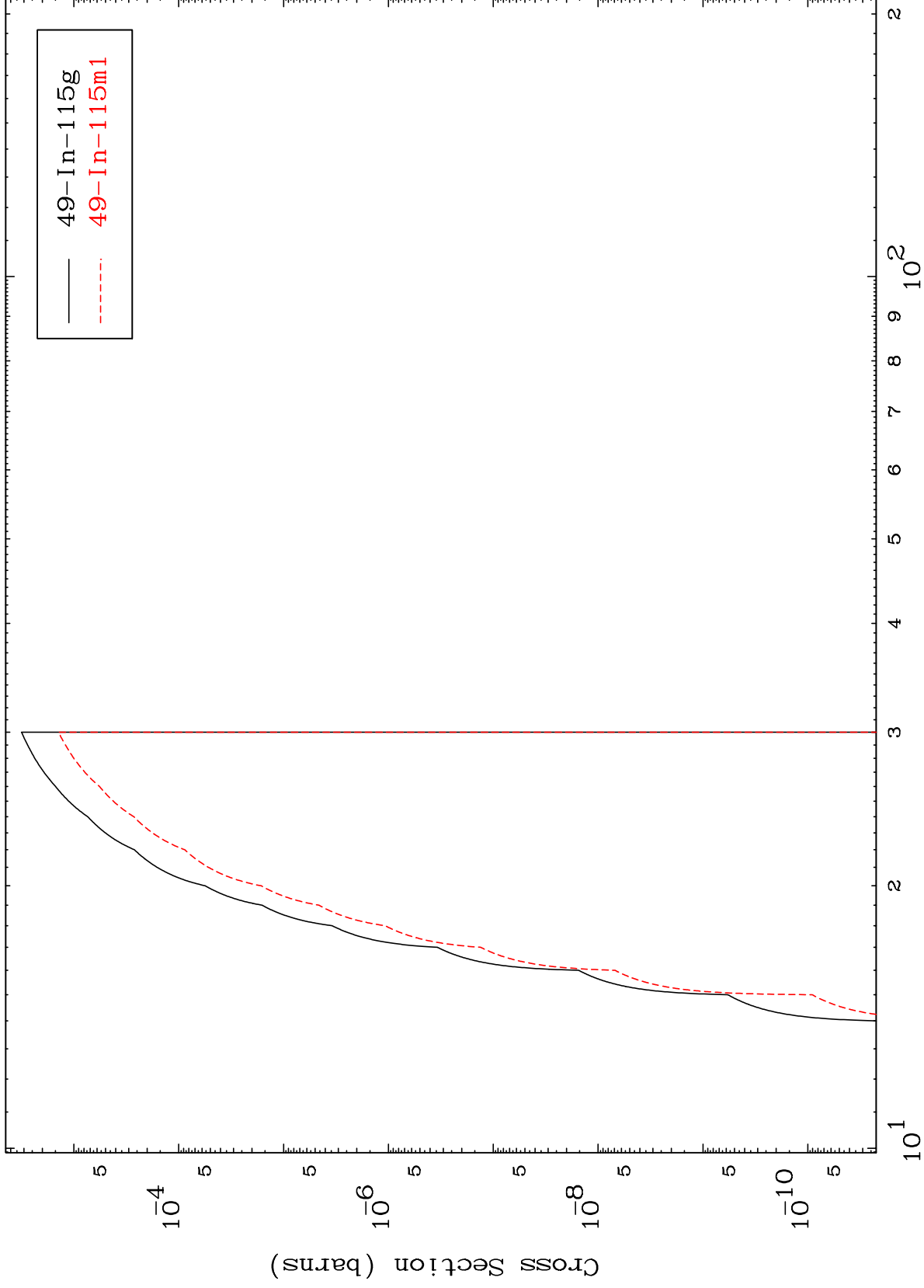


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(α, d)

48-Cd-113

Radionuclide Production Cross Section



19

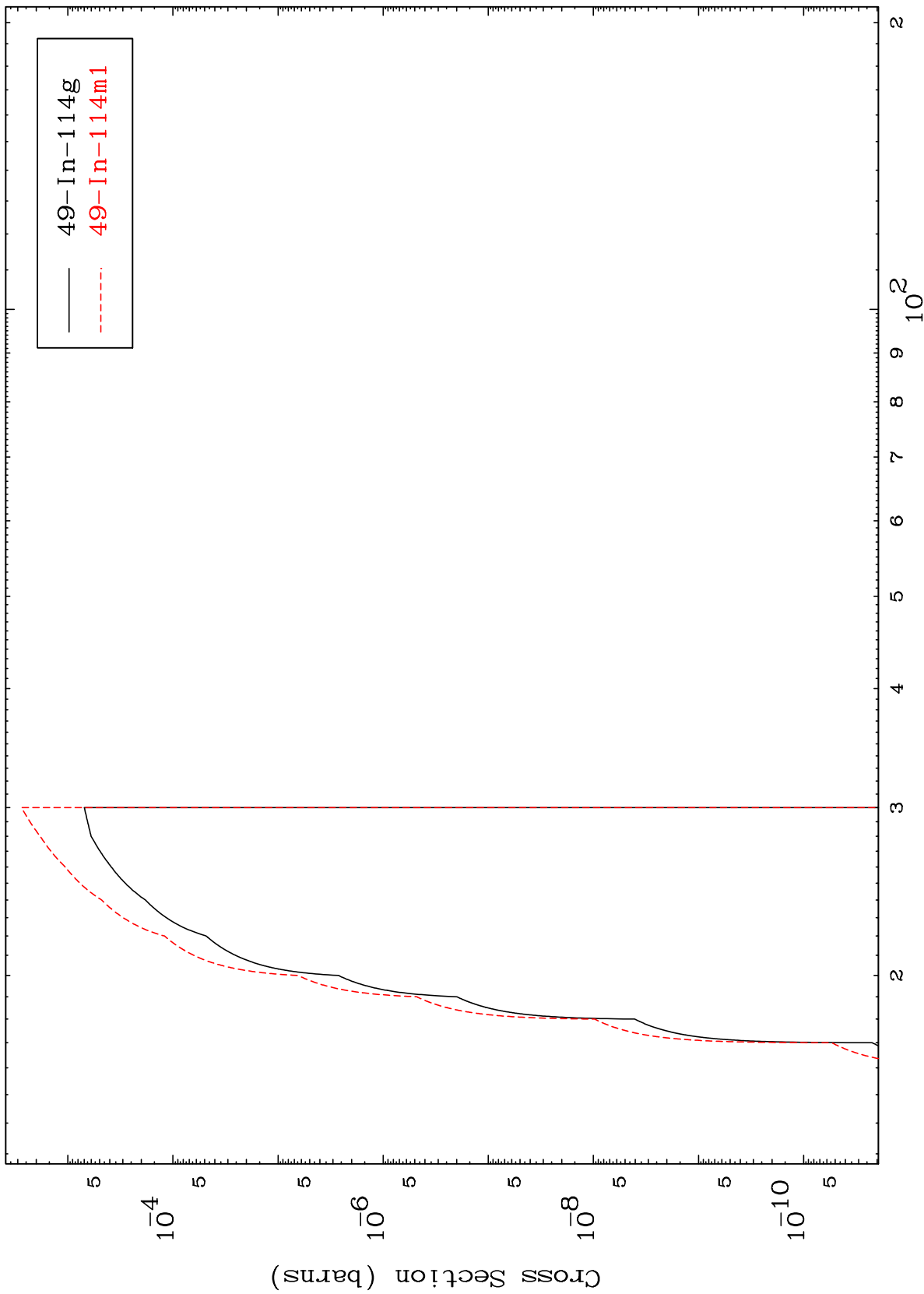
Incident Energy (MeV)

48-Cd-113

MAT 4847

48-Cd-113

(α, t)
Radionuclide Production Cross Section



20

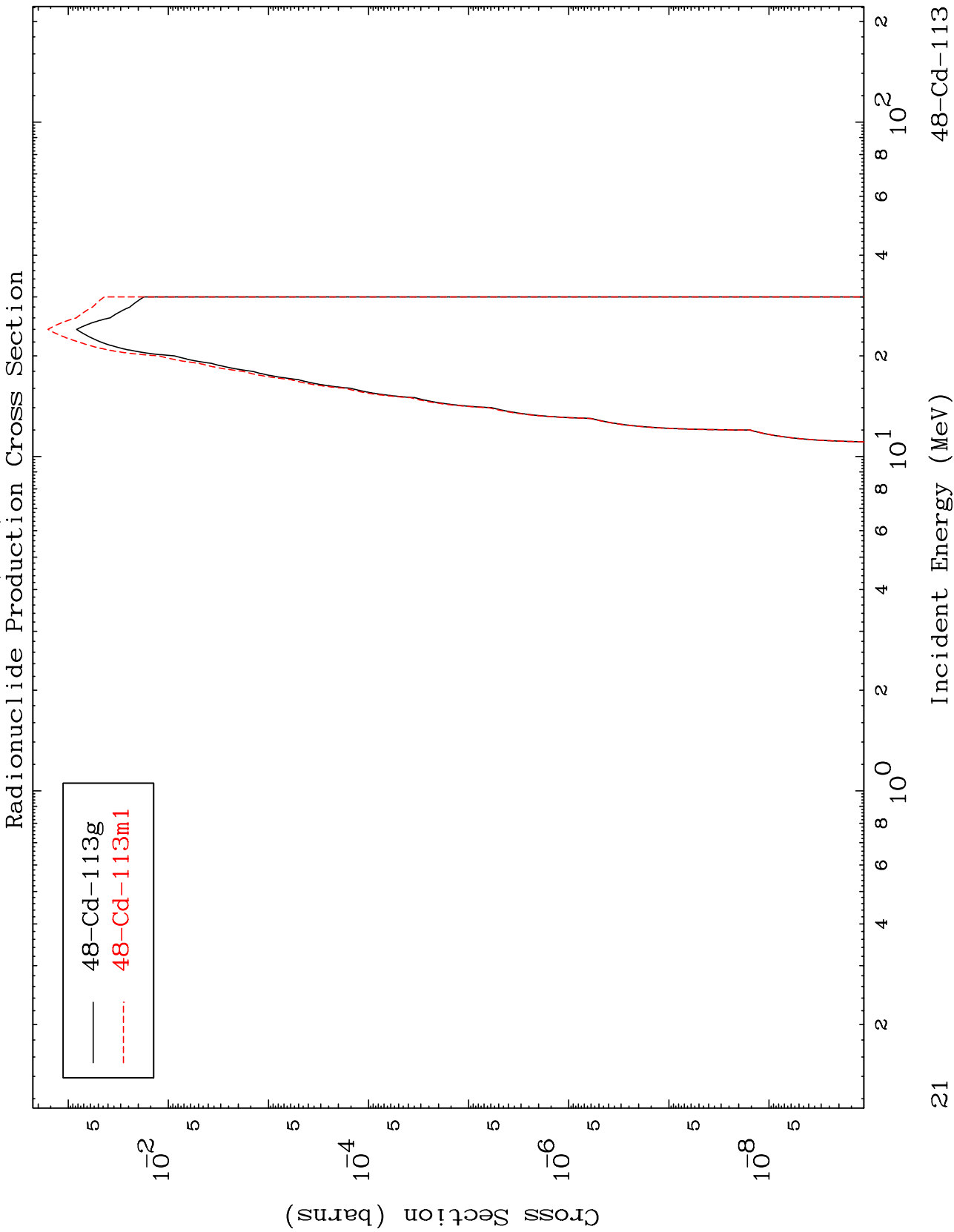
Incident Energy (MeV)

48-Cd-113

MAT 4847

(α, α)

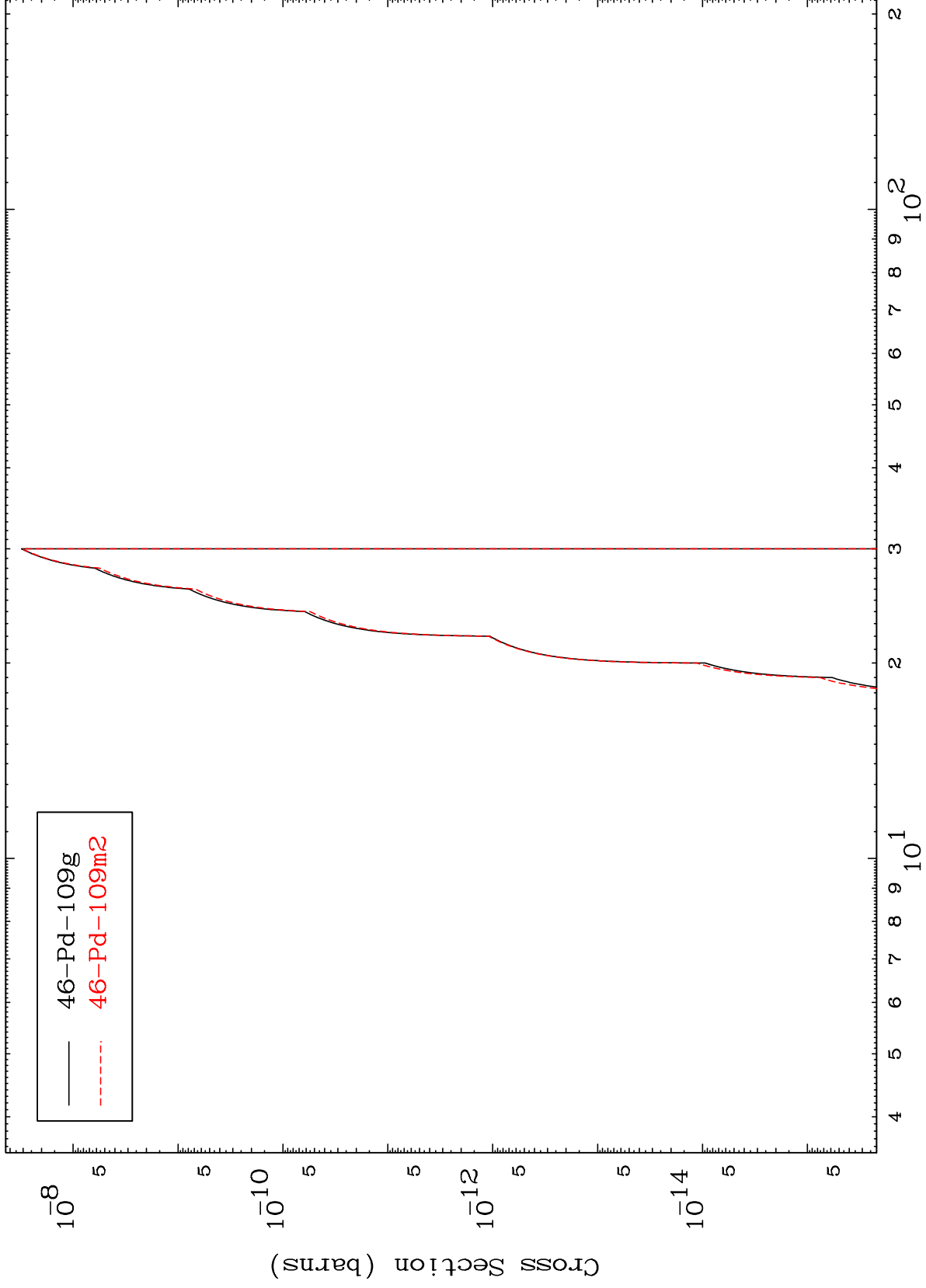
48-Cd-113



MAT 4847

48-Cd-113

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



22

Incident Energy (MeV)

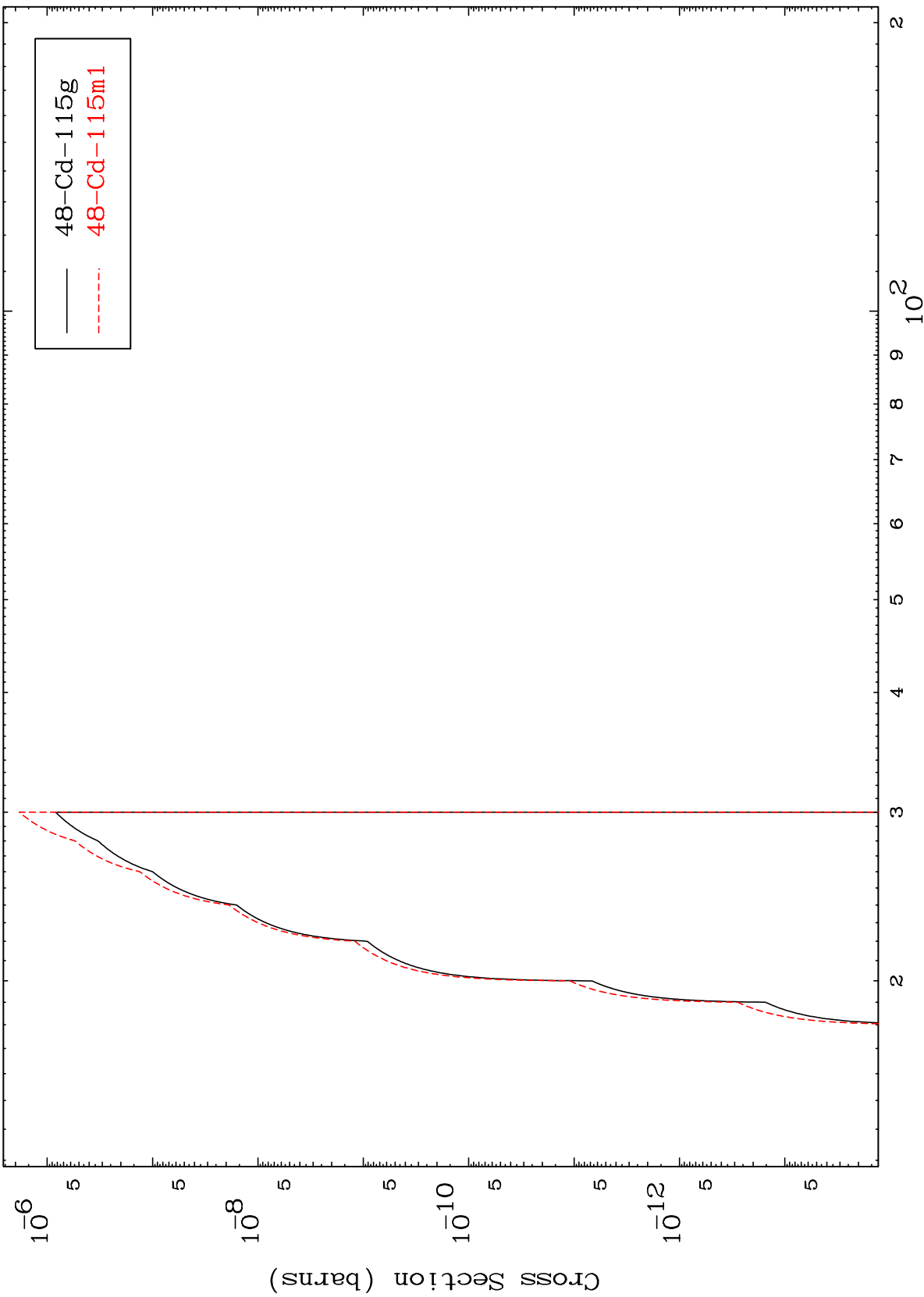
48-Cd-113

MAT 4847

48-Cd-113

($\alpha, 2p$)

Radionuclide Production Cross Section



23

48-Cd-113

Incident Energy (MeV)