

Program EVALPLOT
(Version 2018-1)

by

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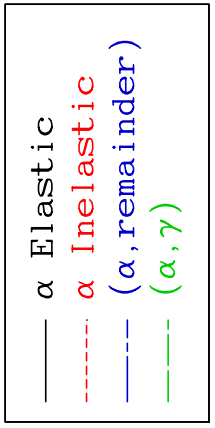
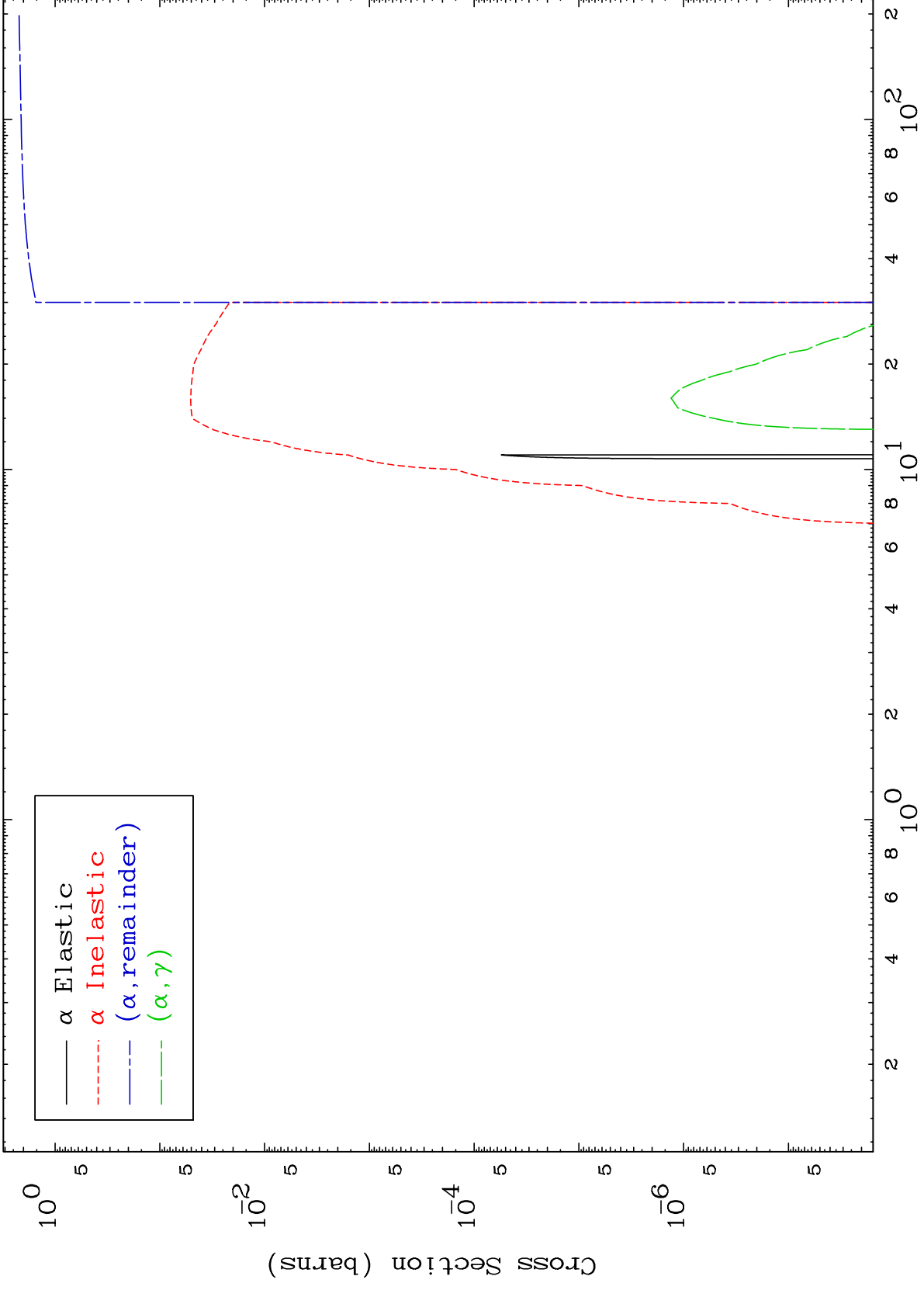
Press Mouse Button to Start

MAT 4864

α Major

48-Cd-119

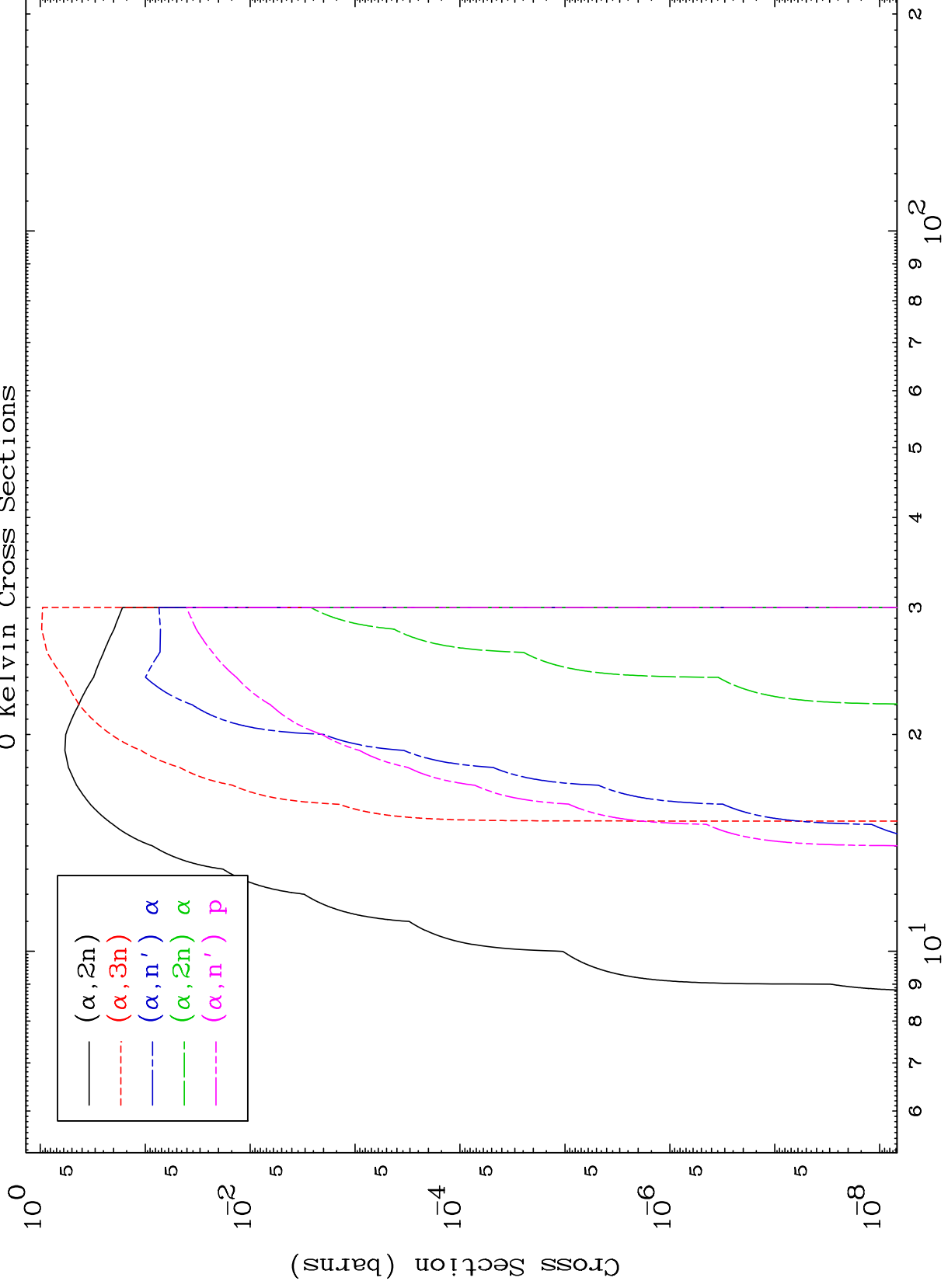
0 Kelvin Cross Sections



MAT 4864

α Neutron Production
0 Kelvin Cross Sections

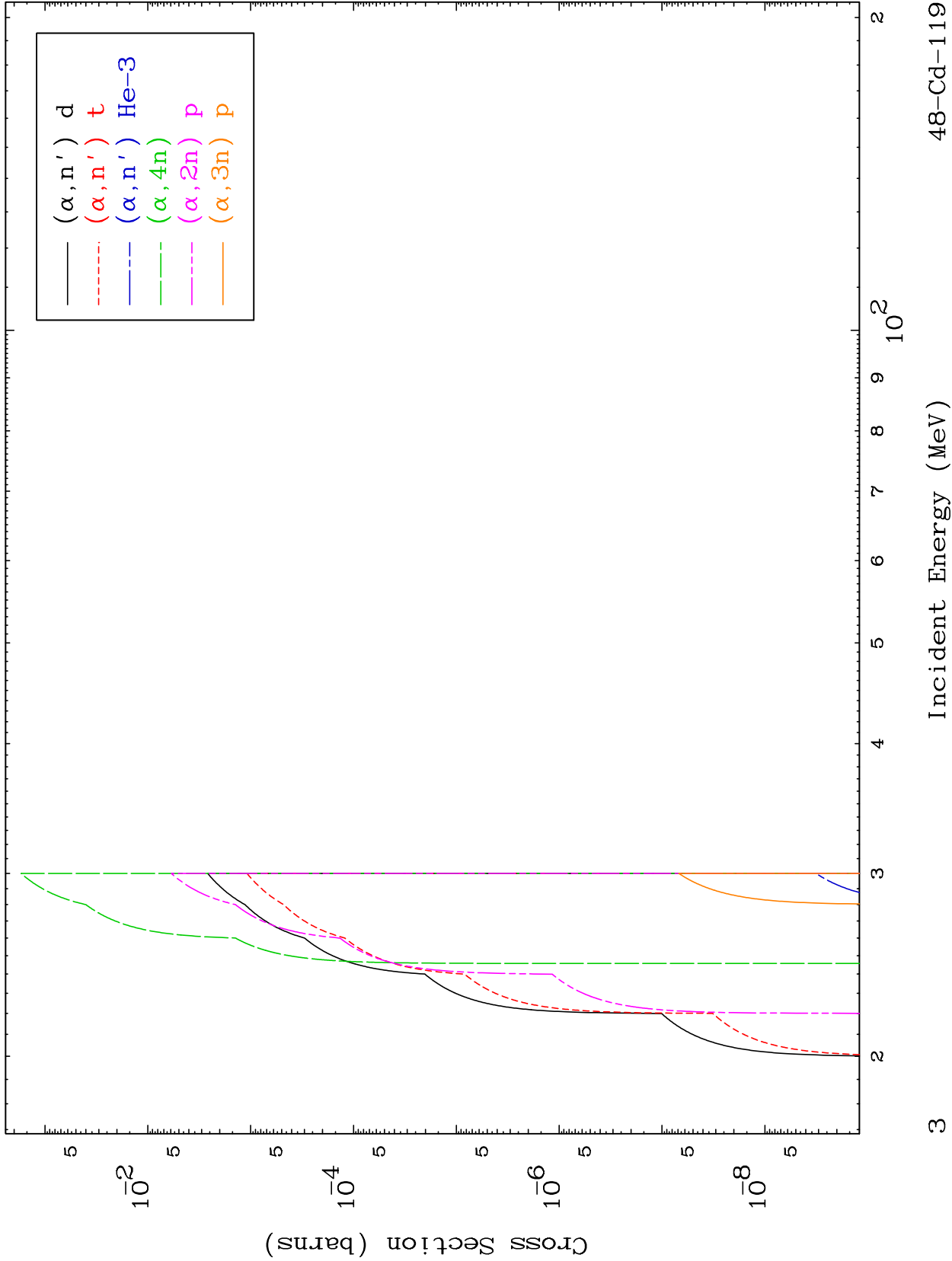
48-Cd-119

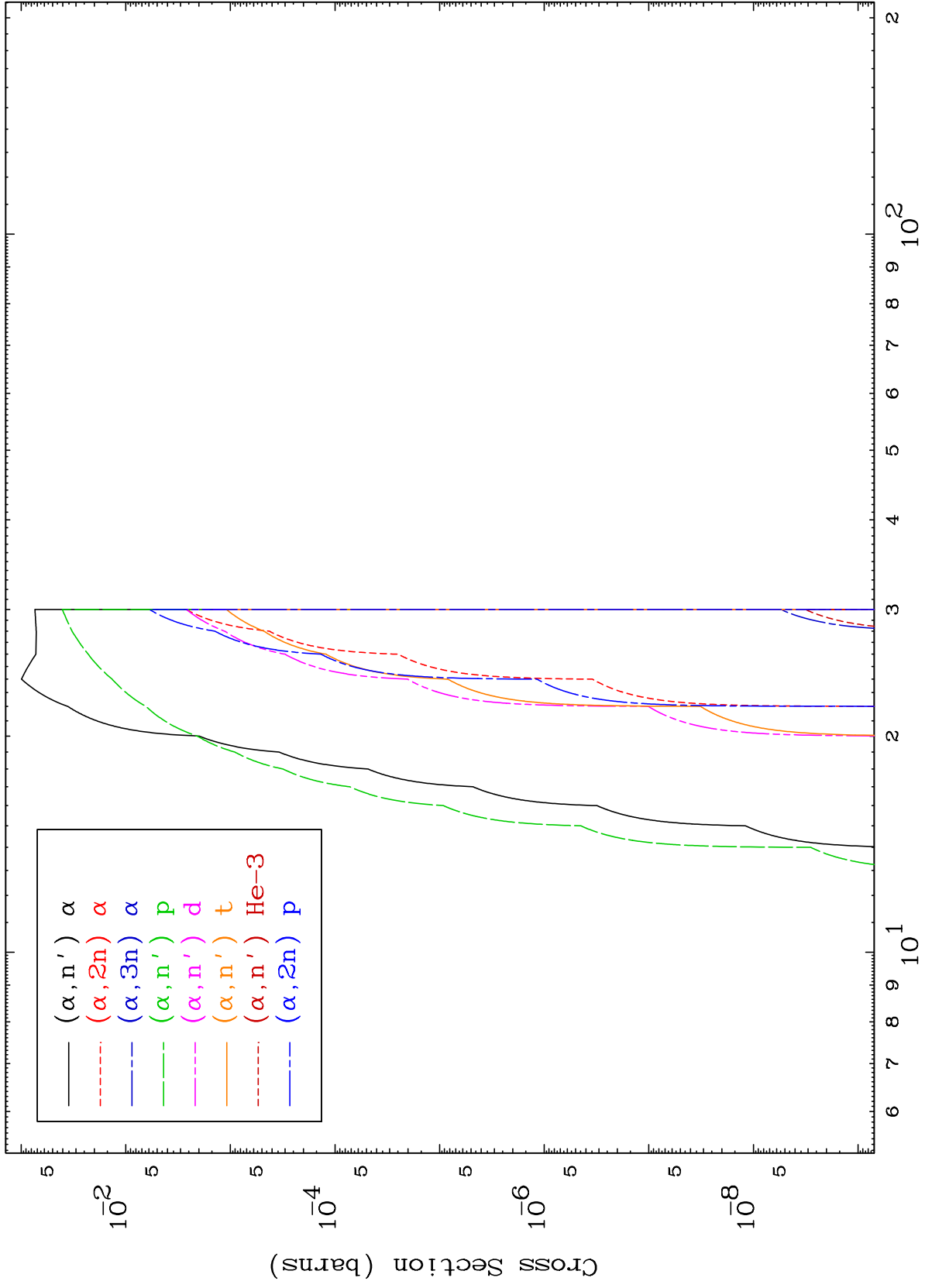


2

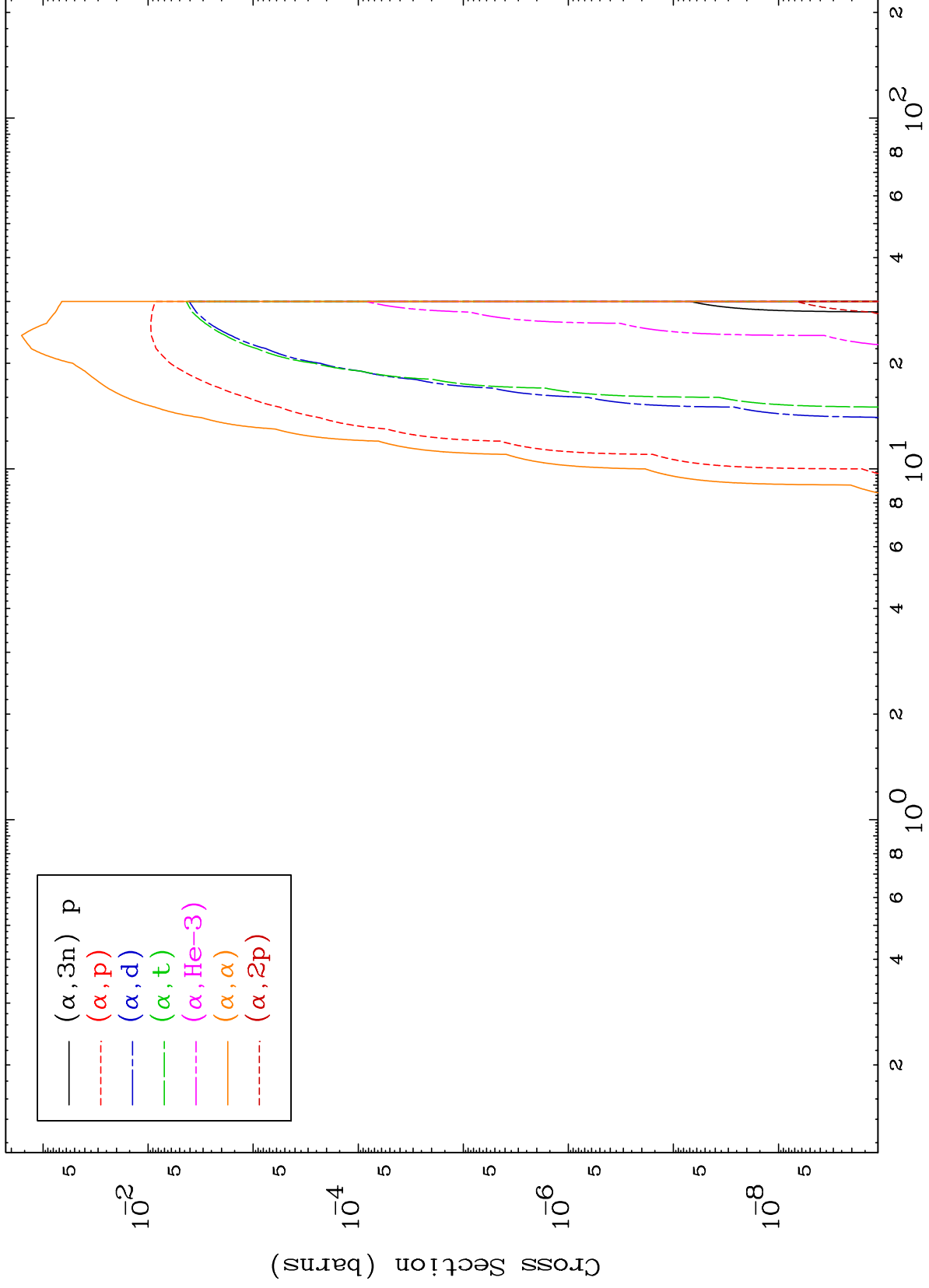
Incident Energy (MeV)

48-Cd-119





0 Kelvin Cross Sections

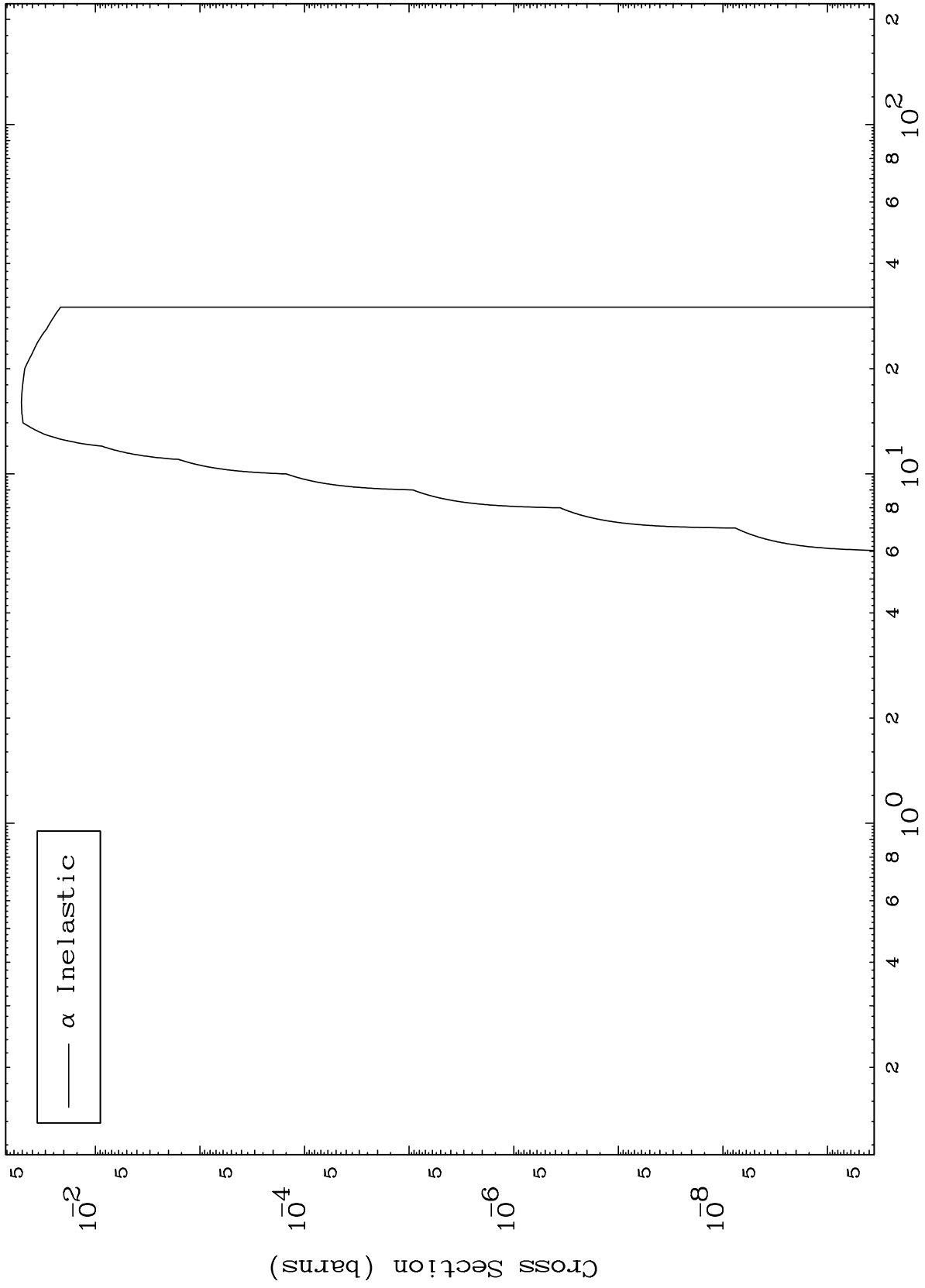


MAT 4864

(α, n') Level

48-Cd-119

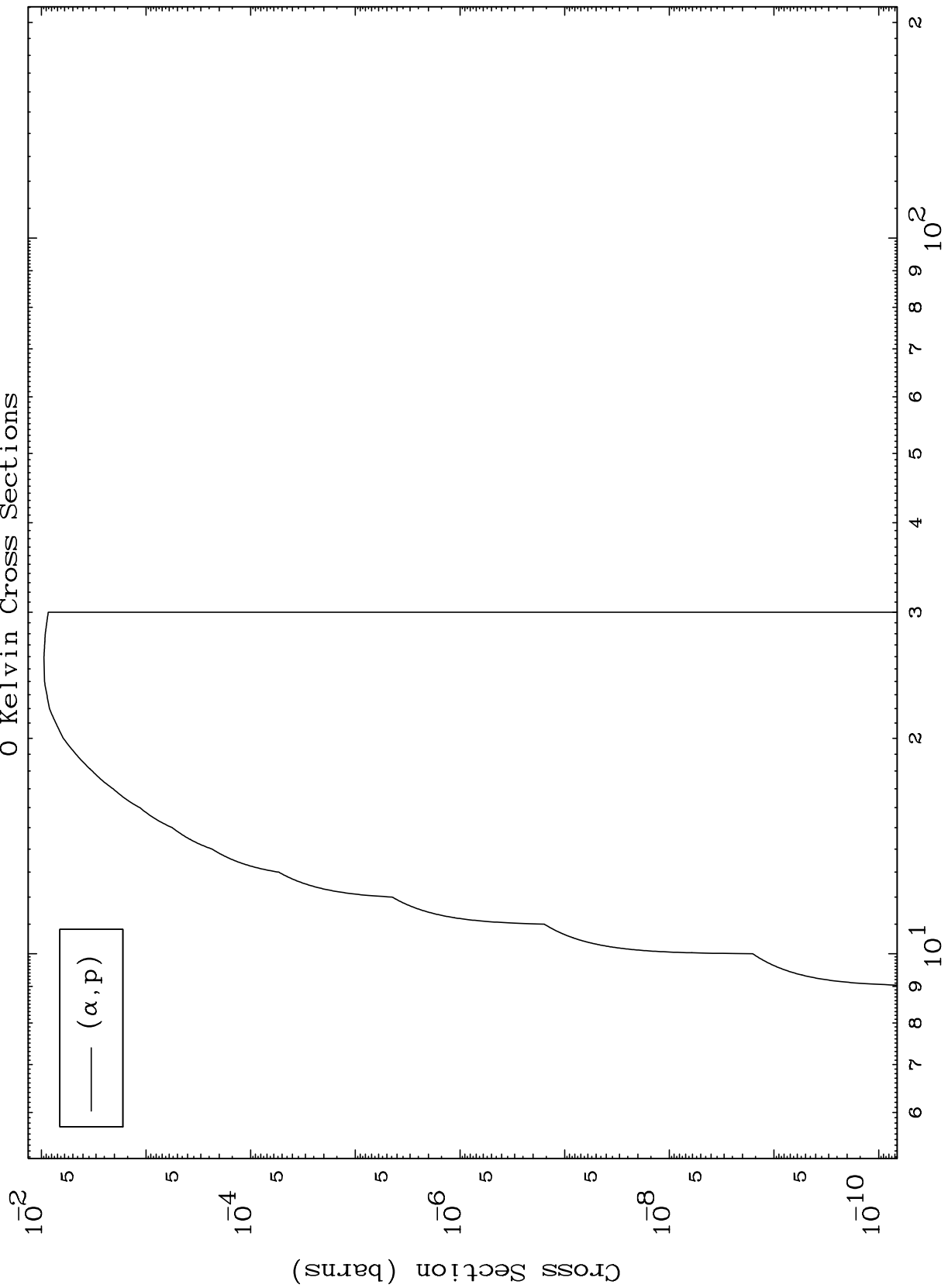
0 Kelvin Cross Sections



MAT 4864

48-Cd-119

(α, p) Levels
0 Kelvin Cross Sections

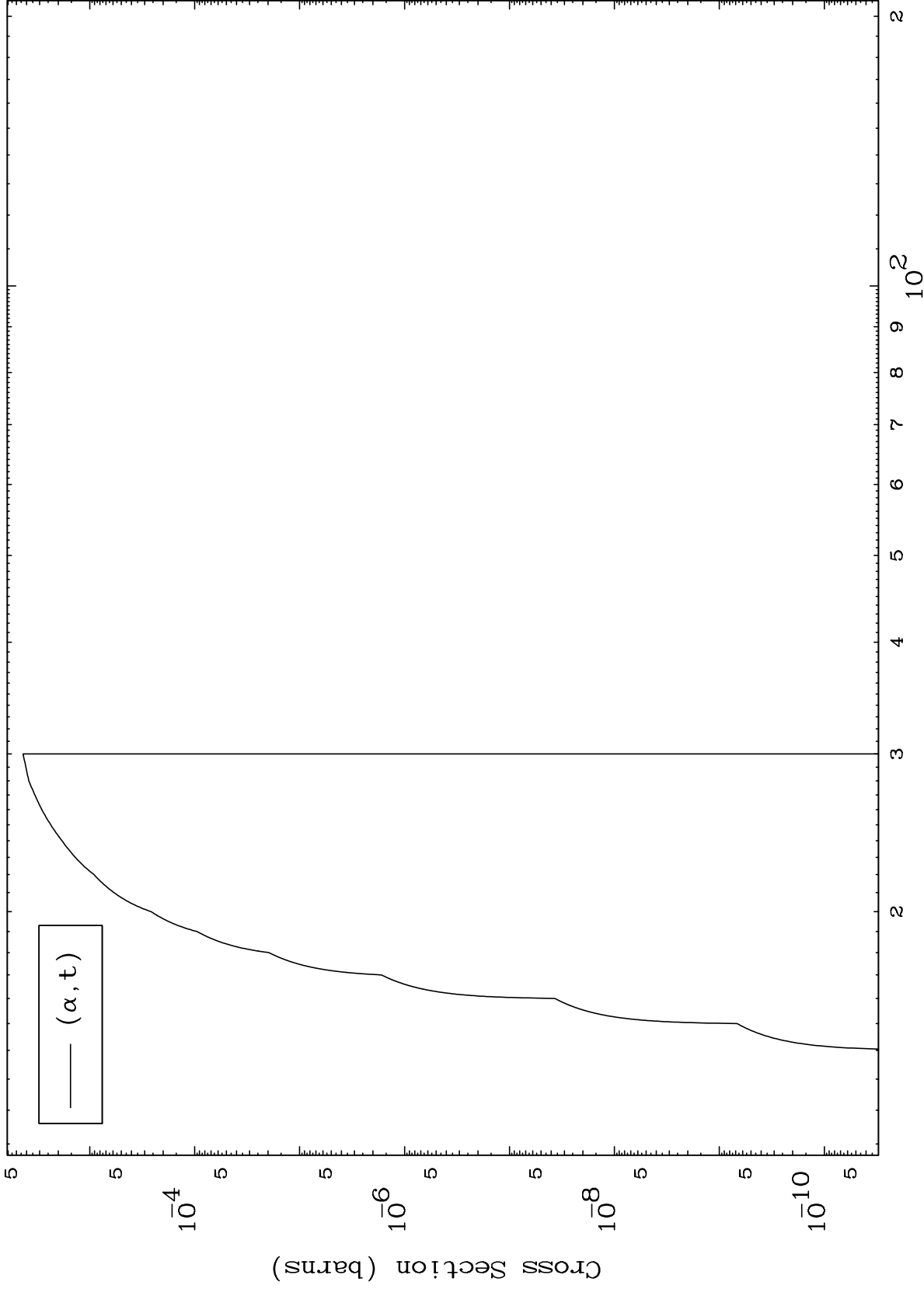


MAT 4864

(α, t) Levels

48-Cd-119

0 Kelvin Cross Sections



9

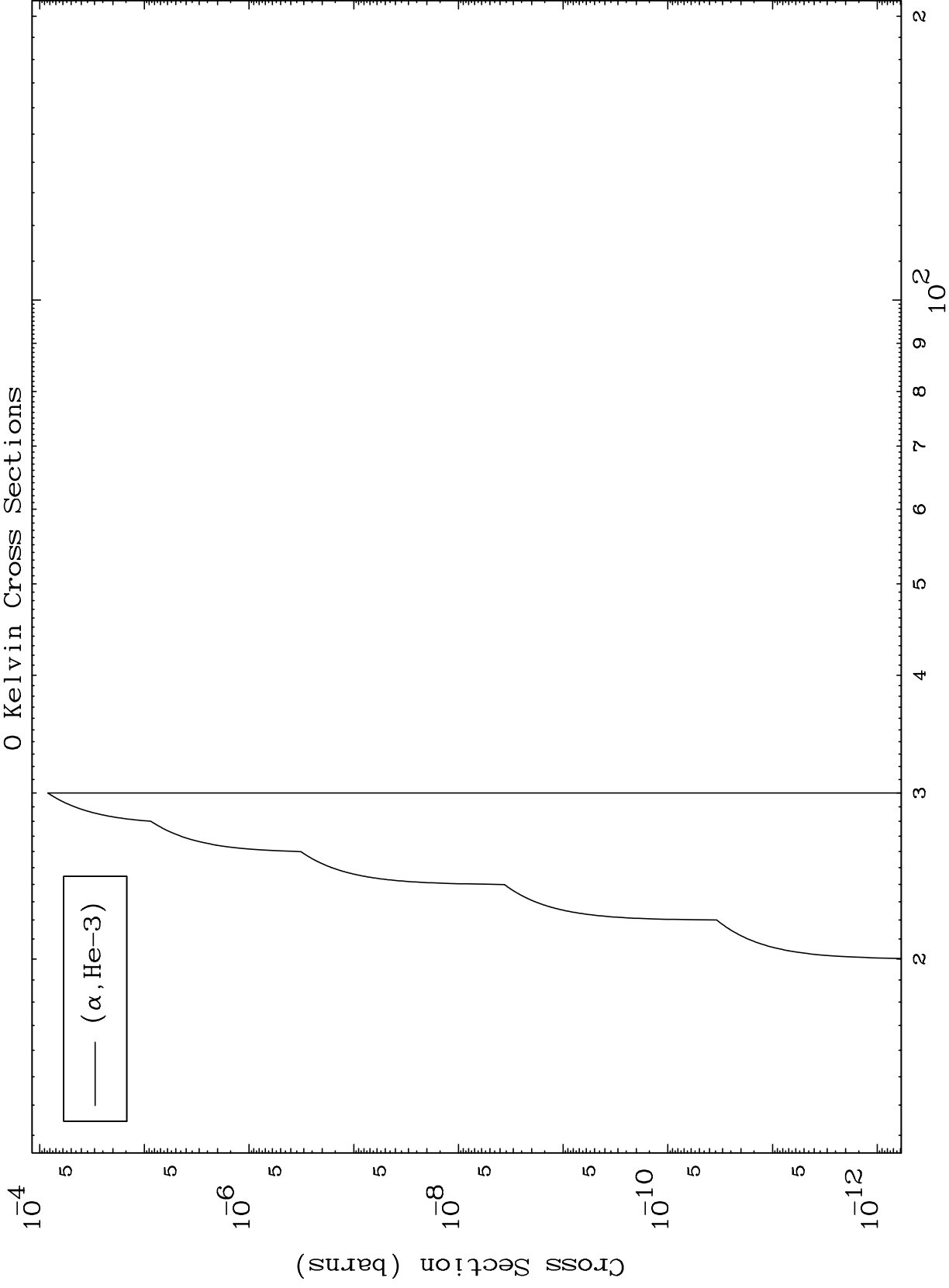
Incident Energy (MeV)

48-Cd-119

MAT 4864

(α , He3) Levels
0 Kelvin Cross Sections

48-Cd-119



10

Incident Energy (MeV)

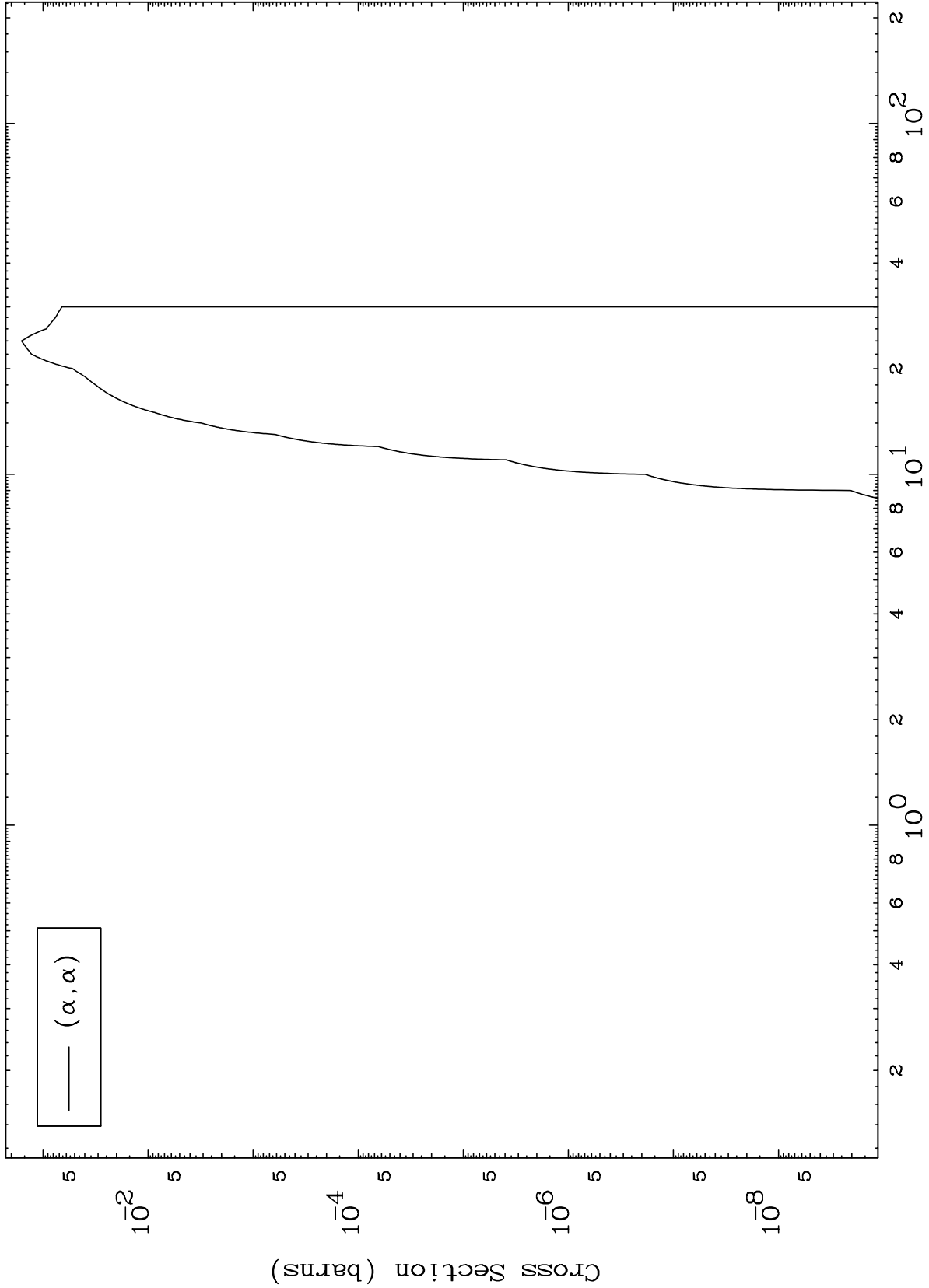
48-Cd-119

MAT 4864

(α, α) Levels

48-Cd-119

0 Kelvin Cross Sections

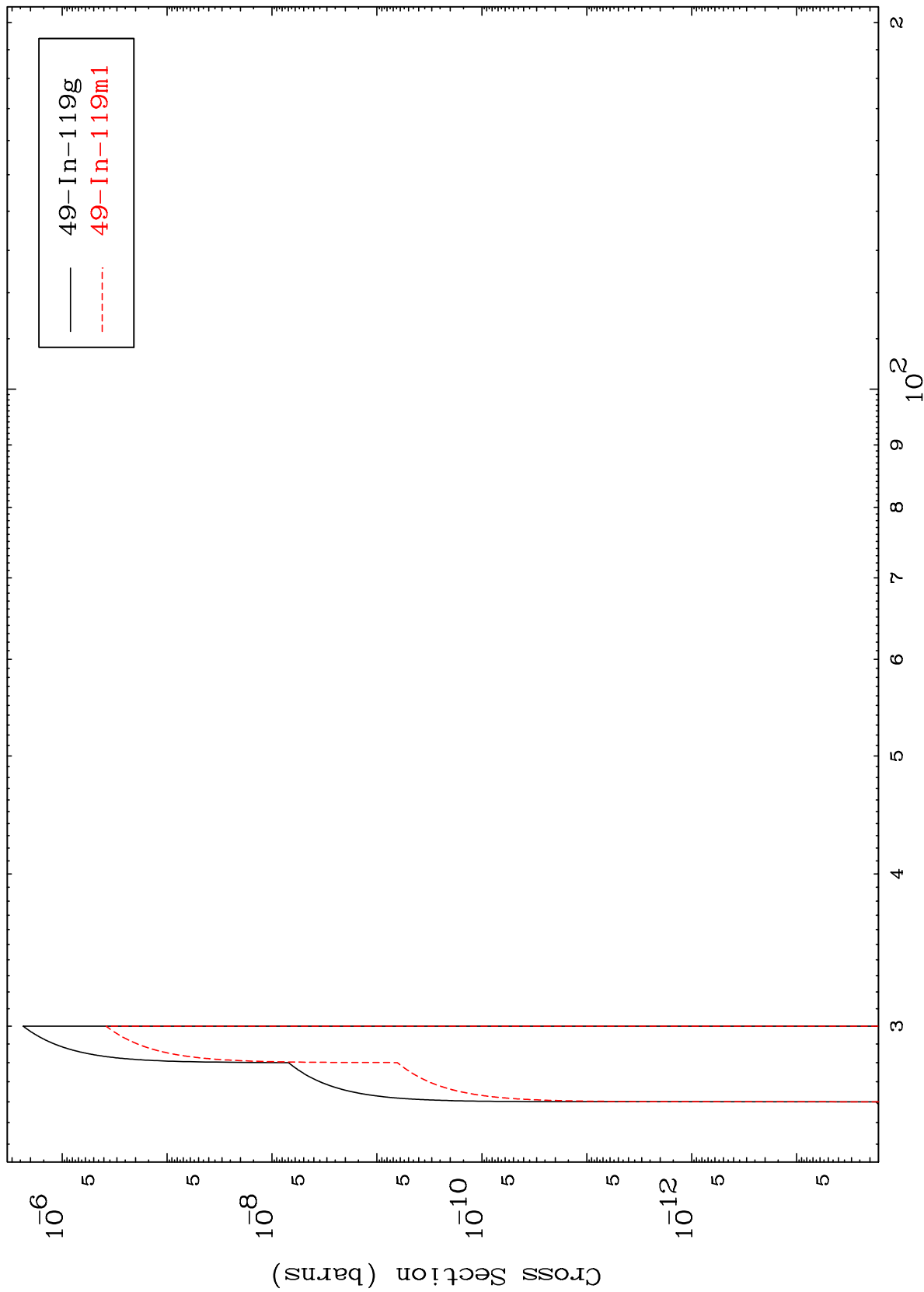


MAT 4864

($\alpha, 2n$) d

48-Cd-119

Radionuclide Production Cross Section



12

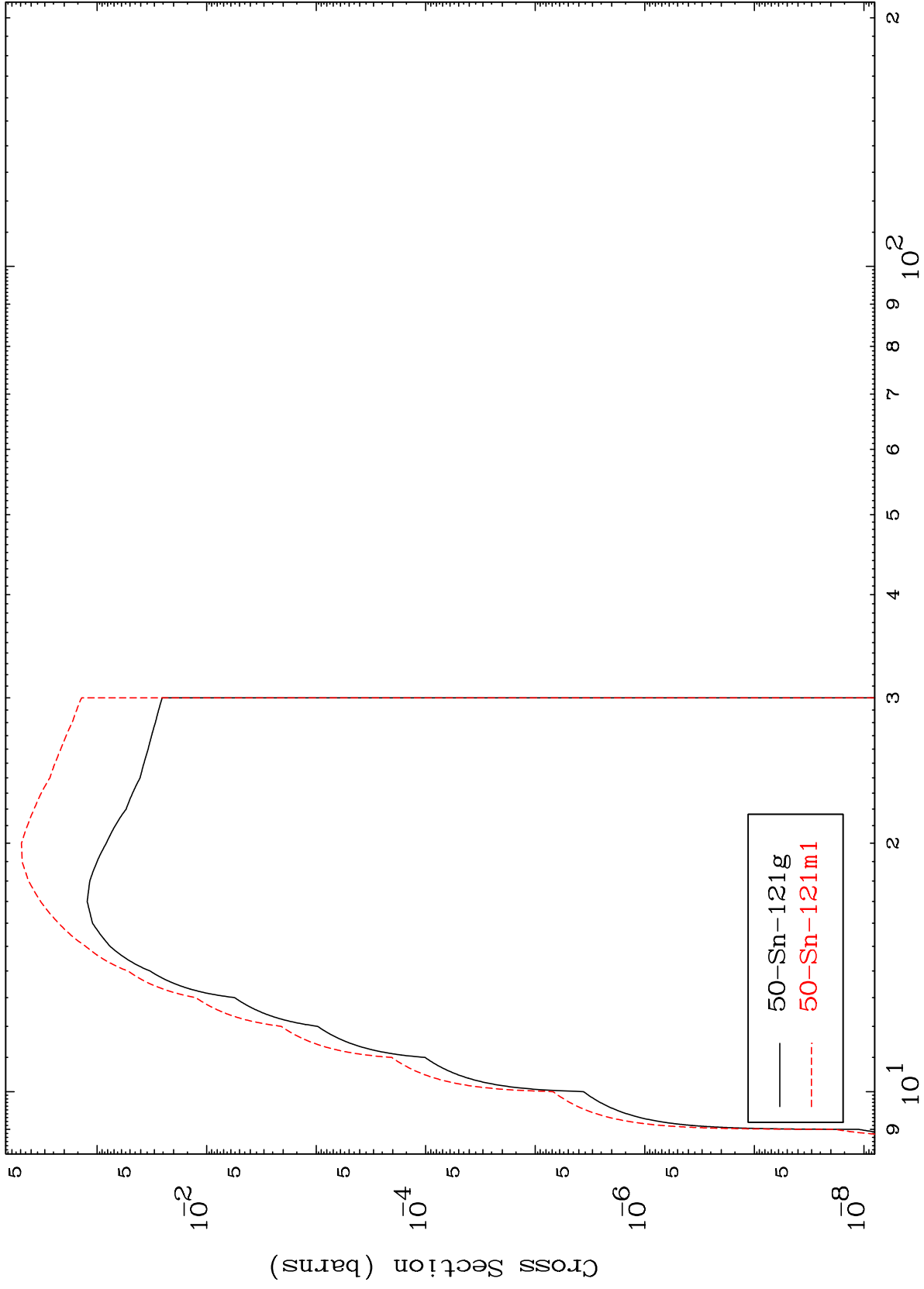
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

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



48-Cd-119

Incident Energy (MeV)

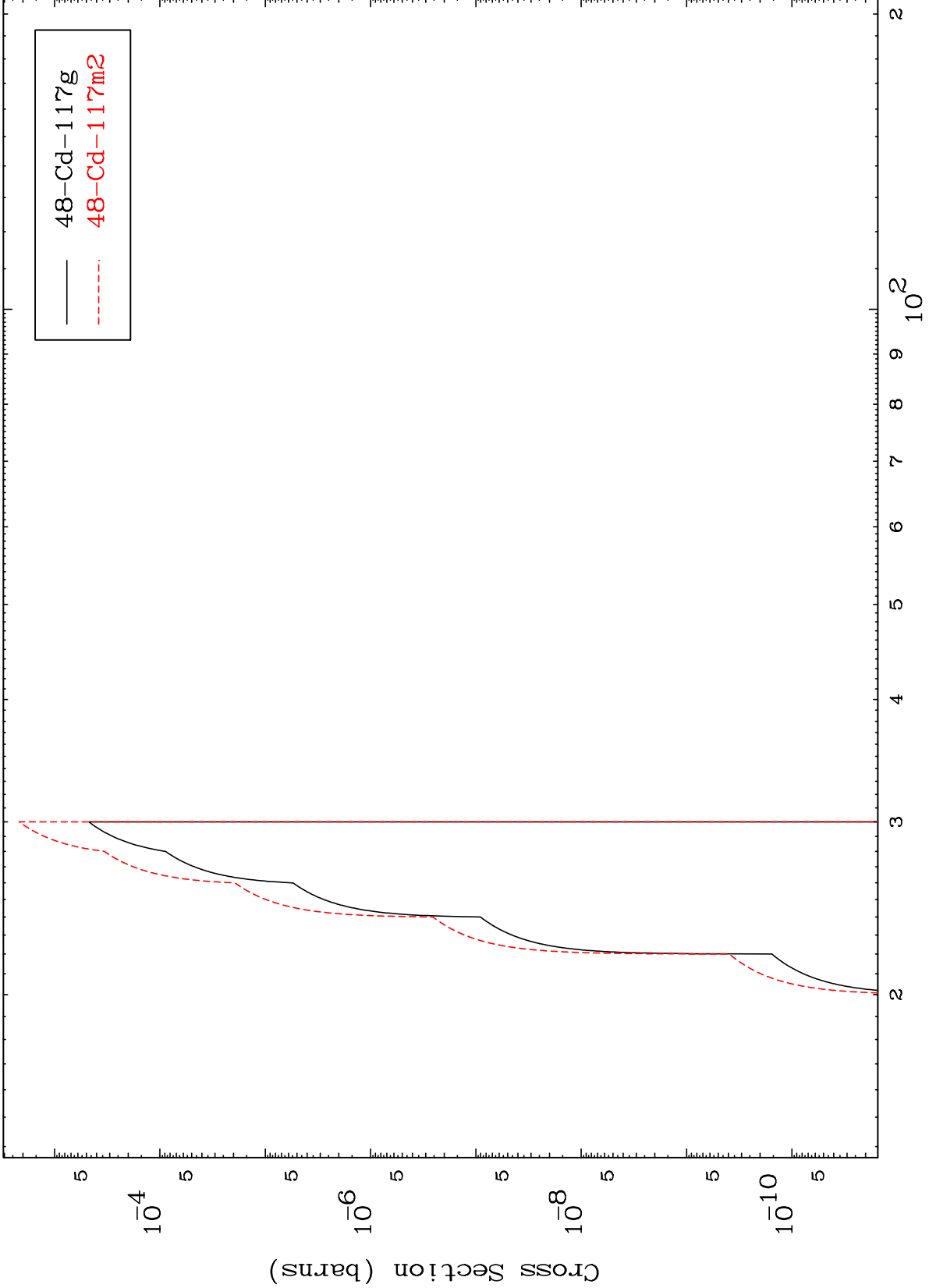
13

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$(\alpha, 2n)$ α

48-Cd-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

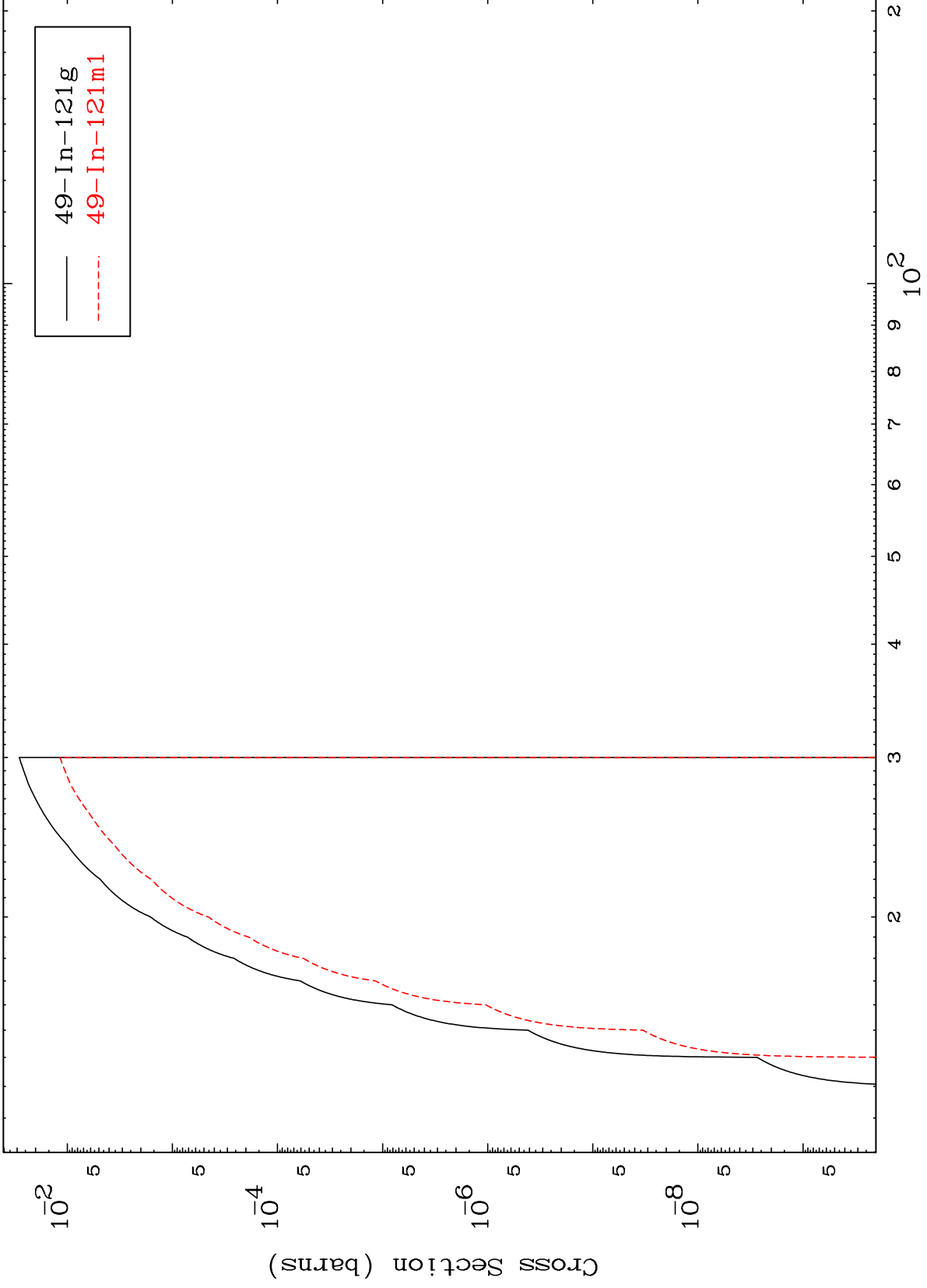
48-Cd-119

MAT 4864

(α, n') p

48-Cd-119

Radionuclide Production Cross Section

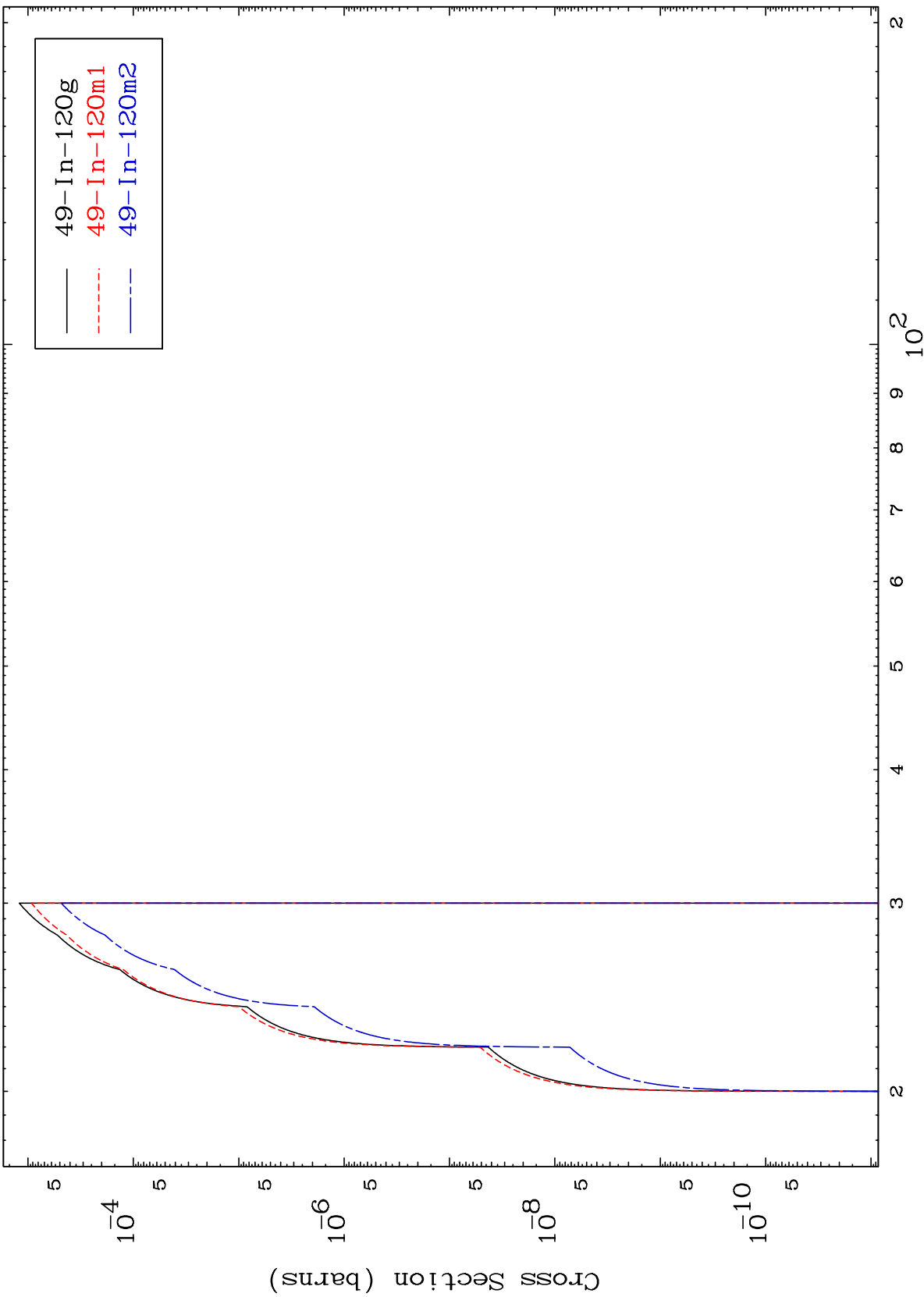


15

Incident Energy (MeV)

48-Cd-119

Radionuclide Production Cross Section

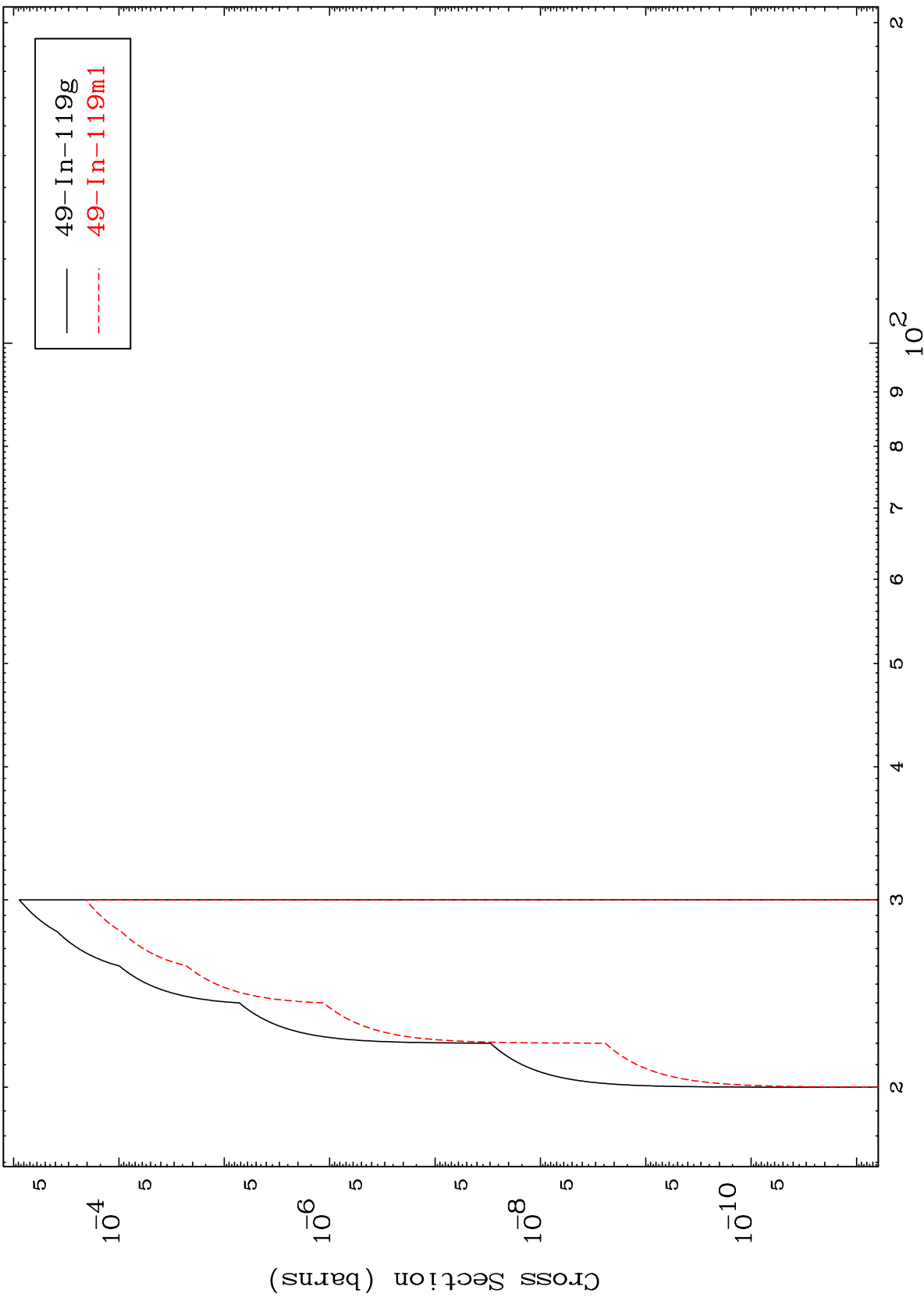


MAT 4864

(α, n') t

48-Cd-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

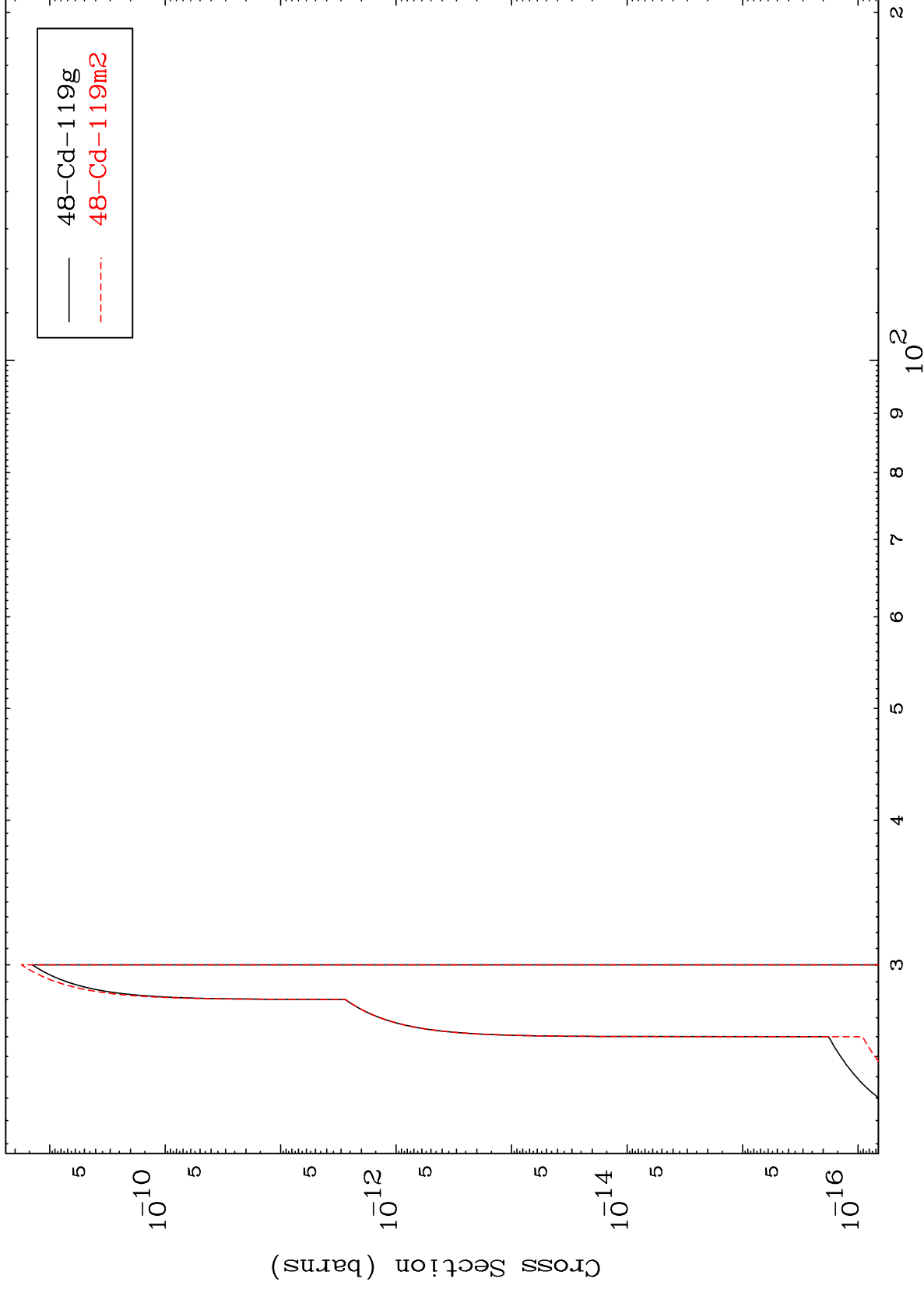
48-Cd-119

MAT 4864

(α, n') He-3

48-Cd-119

Radionuclide Production Cross Section



18

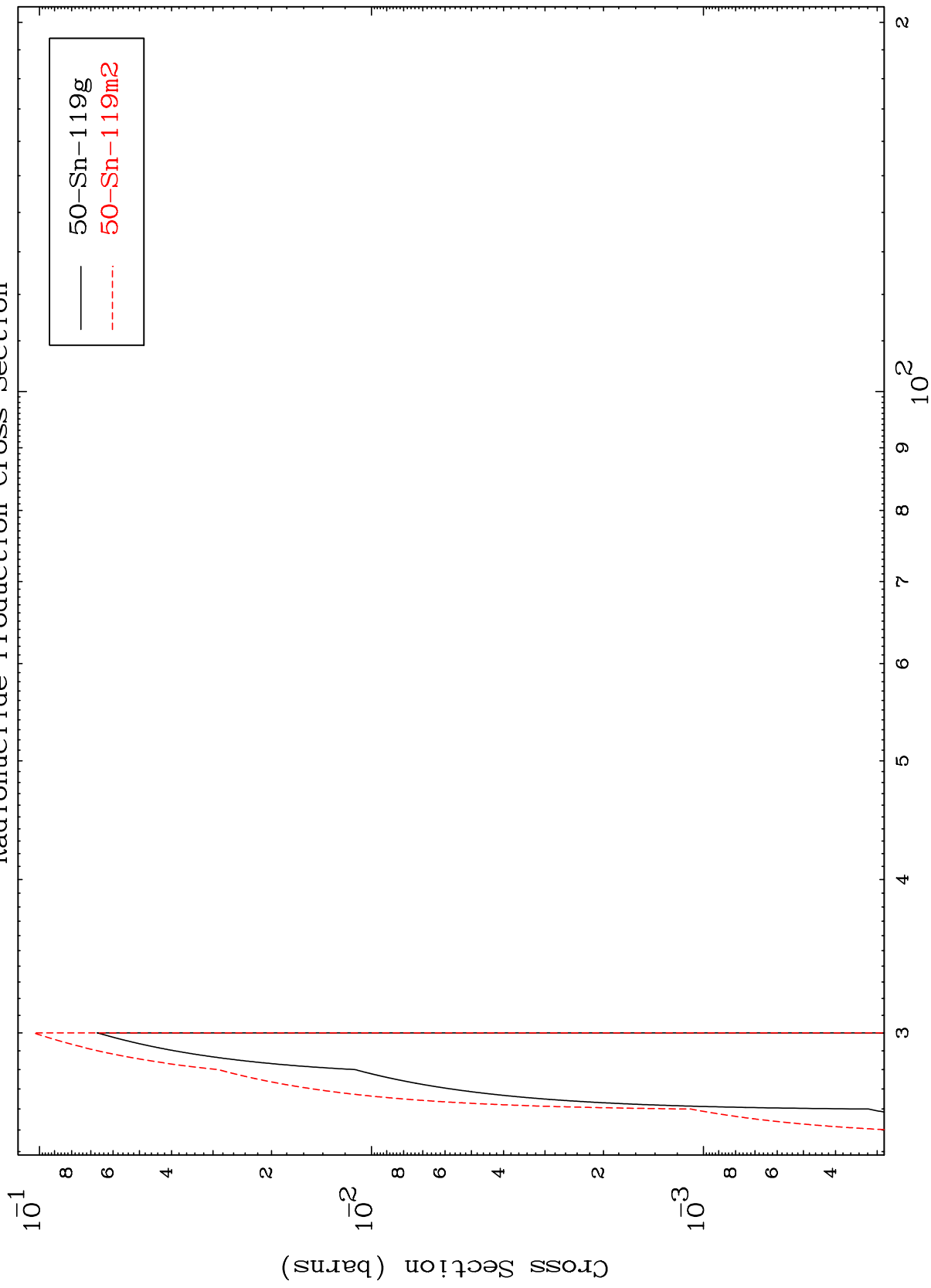
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

($\alpha, 4n$)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

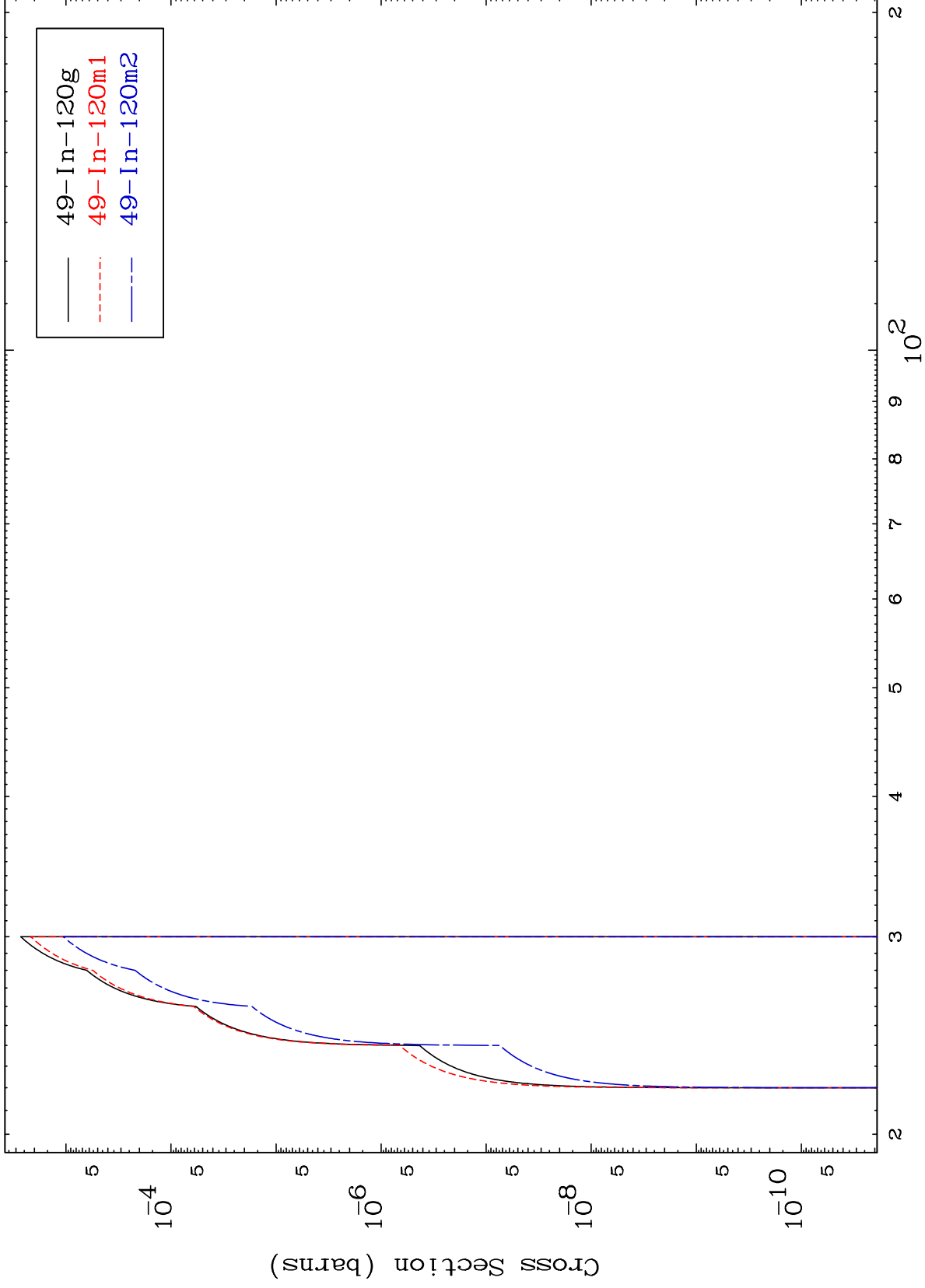
48-Cd-119

MAT 4864

($\alpha, 2n$) p

48-Cd-119

Radionuclide Production Cross Section

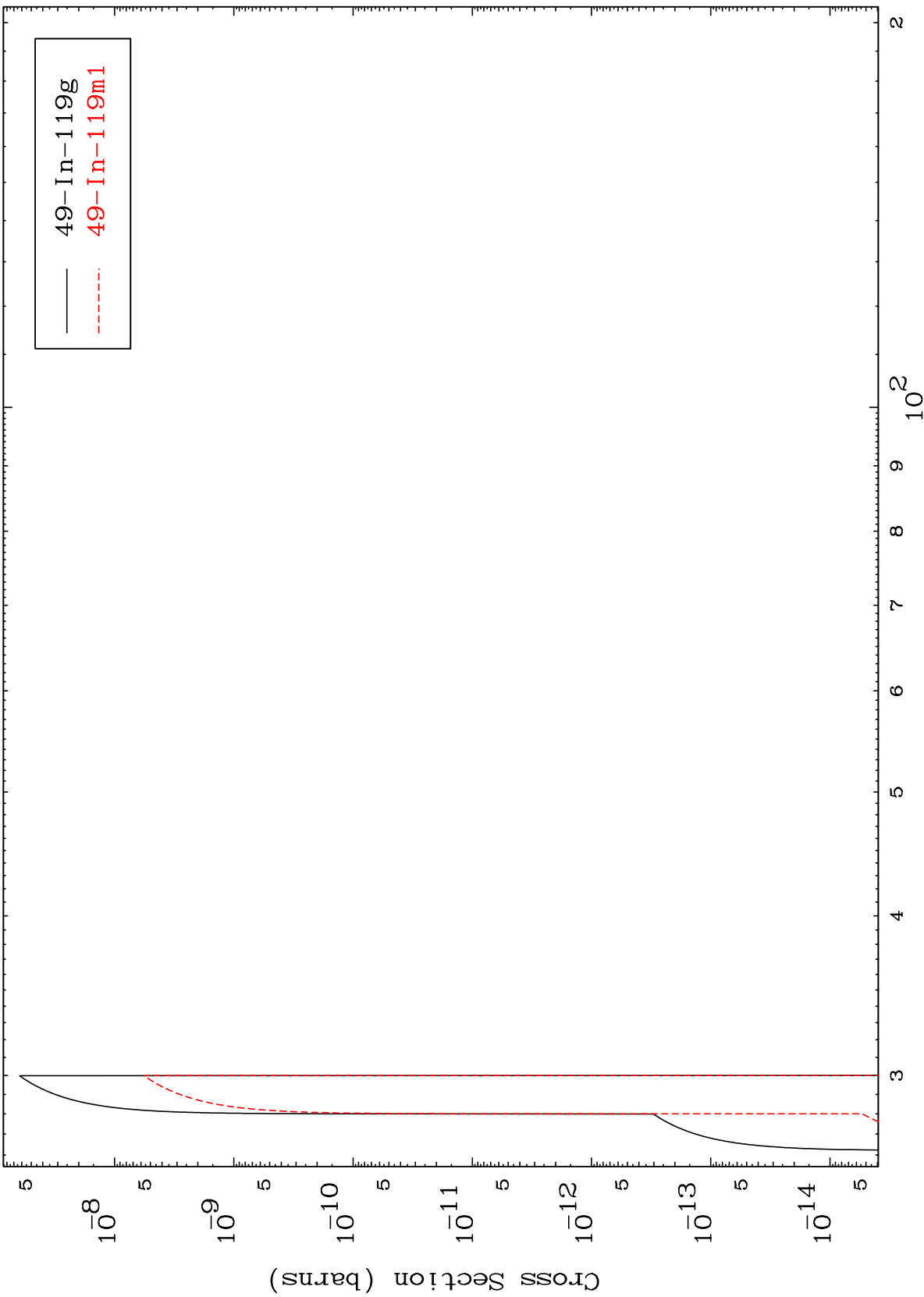


20

Incident Energy (MeV)

48-Cd-119

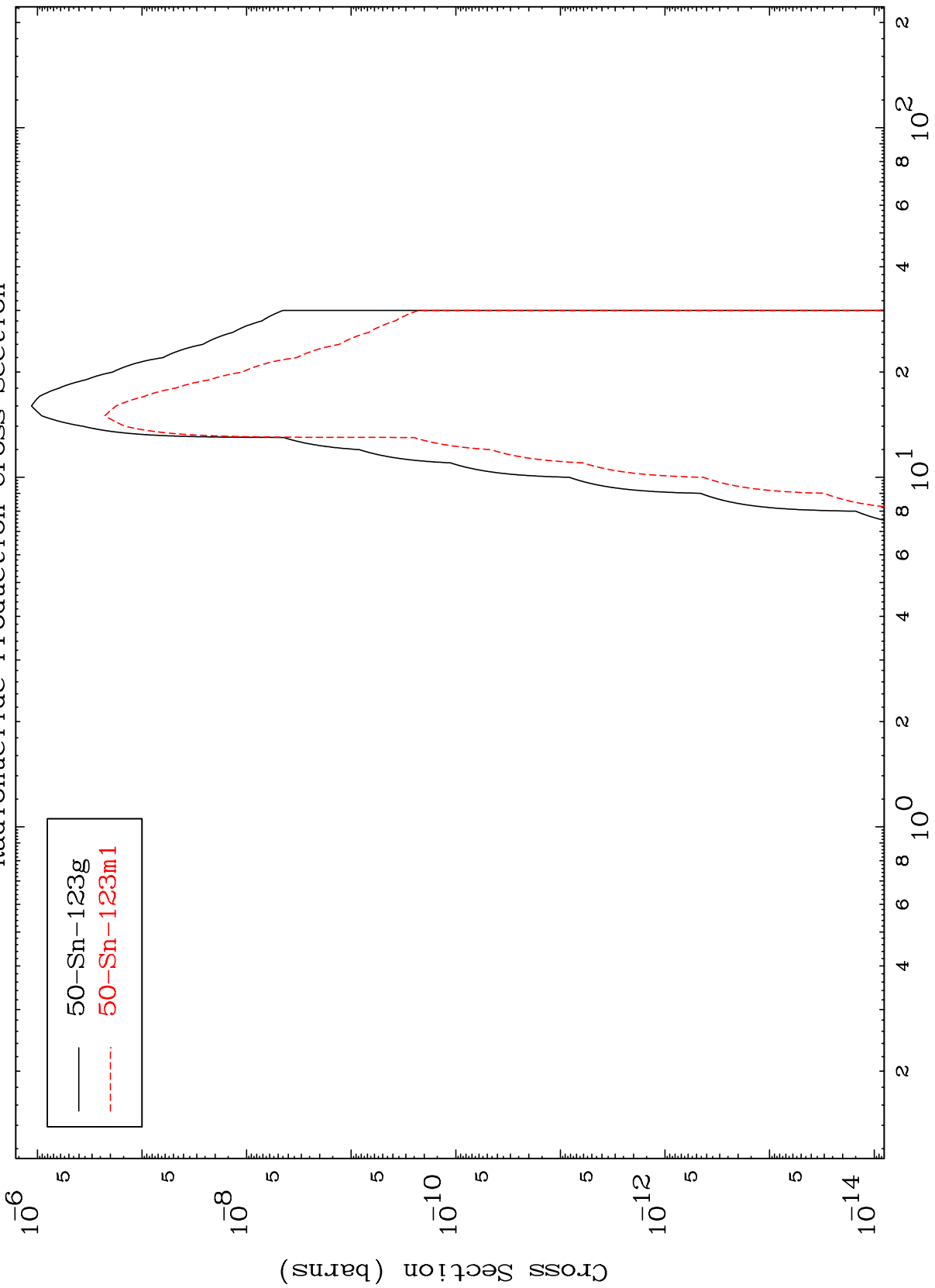
Radionuclide Production Cross Section



MAT 4864

48-Cd-119

(α, γ)
Radionuclide Production Cross Section



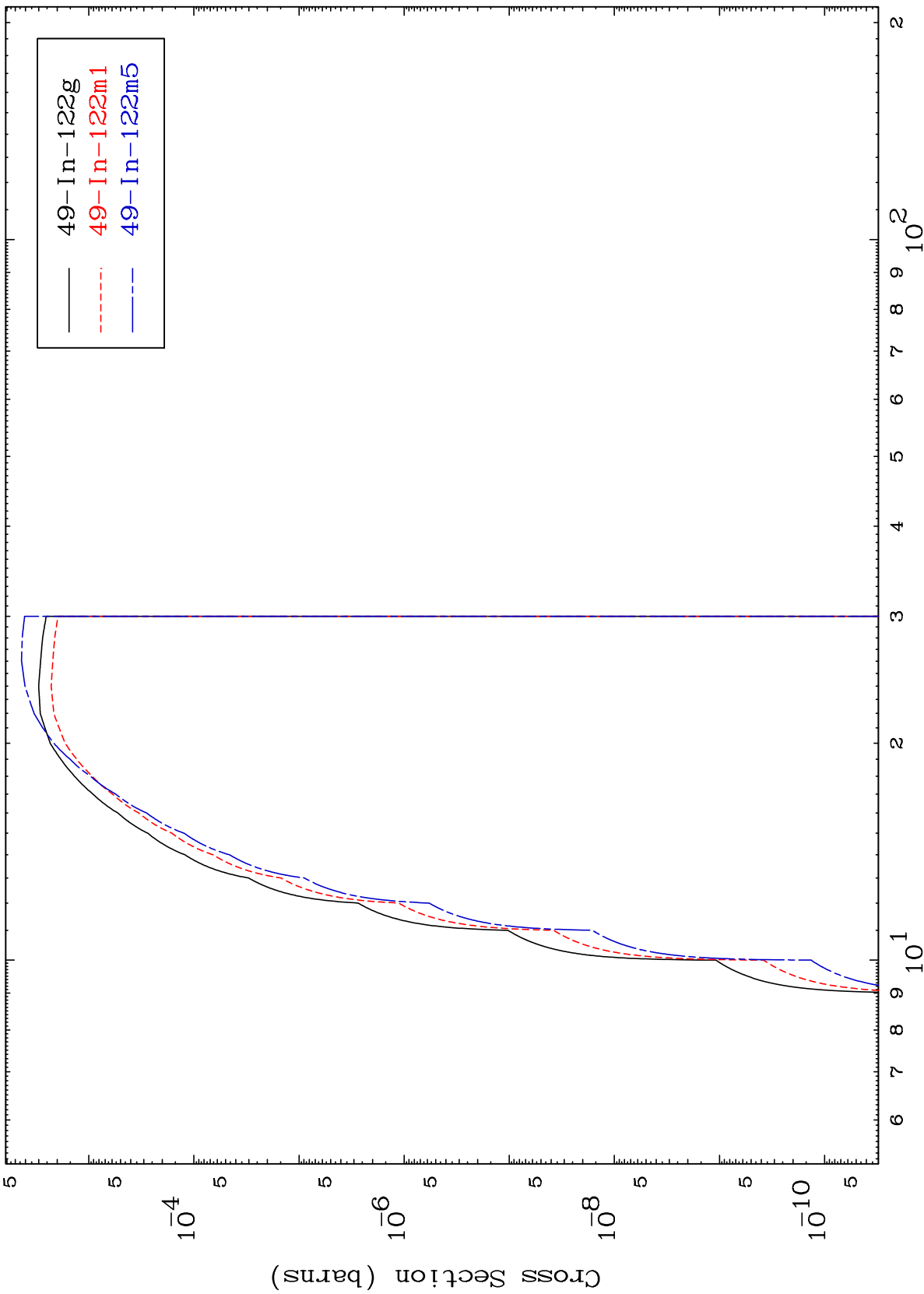
50-Sn-123g
50-Sn-123m1

48-Cd-119

Incident Energy (MeV)

22

(α, p)
Radionuclide Production Cross Section

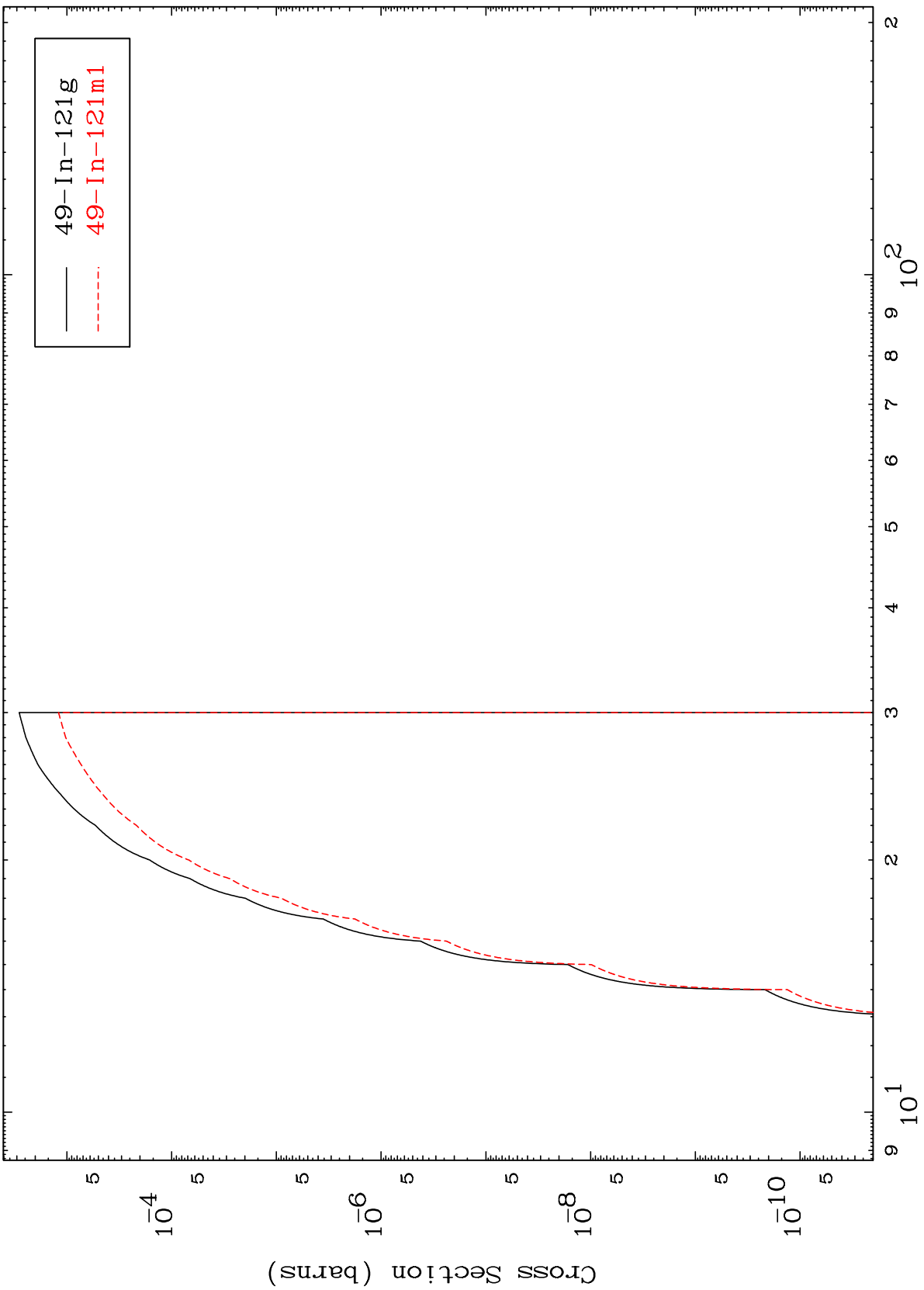


MAT 4864

(α, d)

48-Cd-119

Radionuclide Production Cross Section

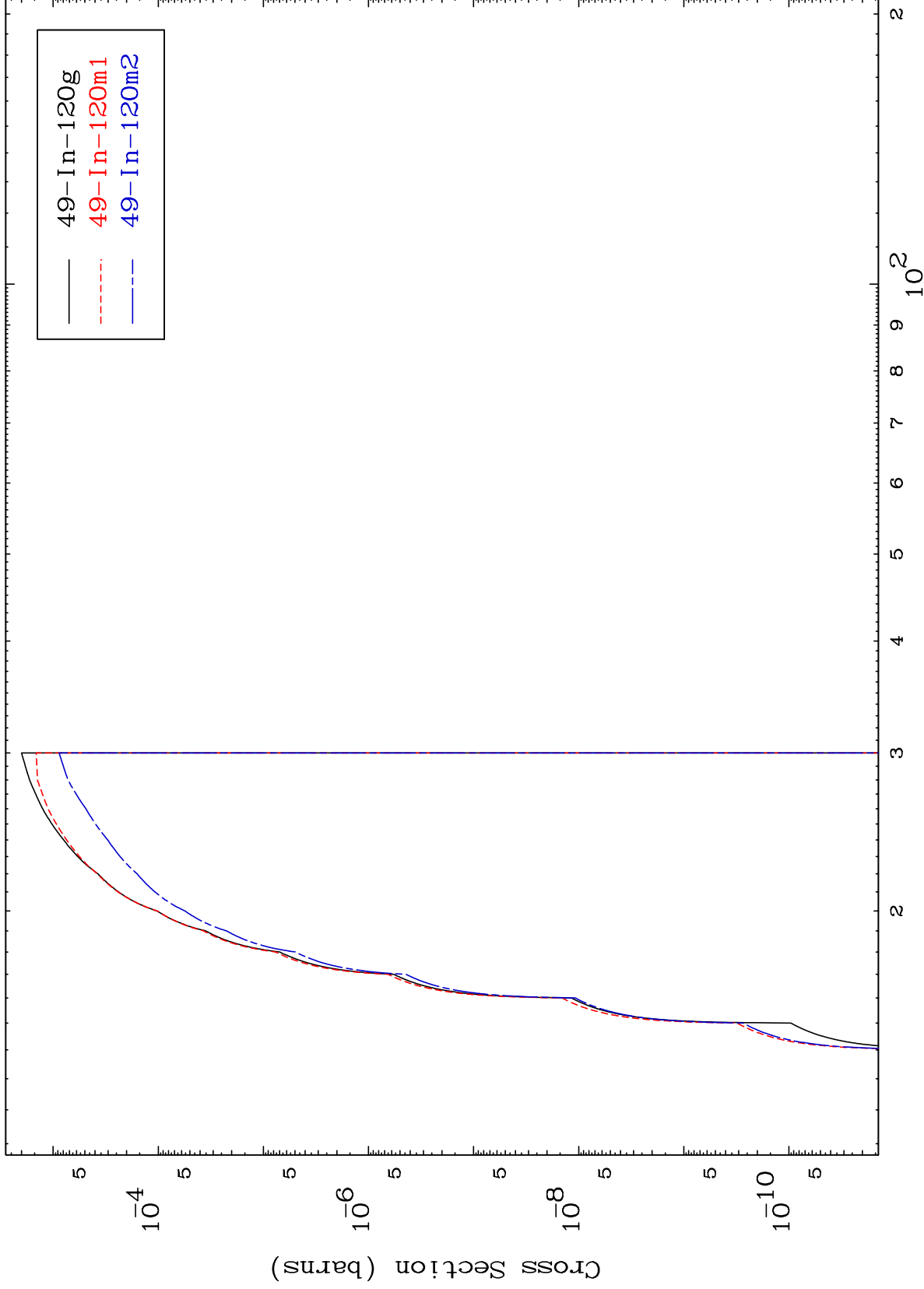


24

Incident Energy (MeV)

48-Cd-119

Radionuclide Production Cross Section

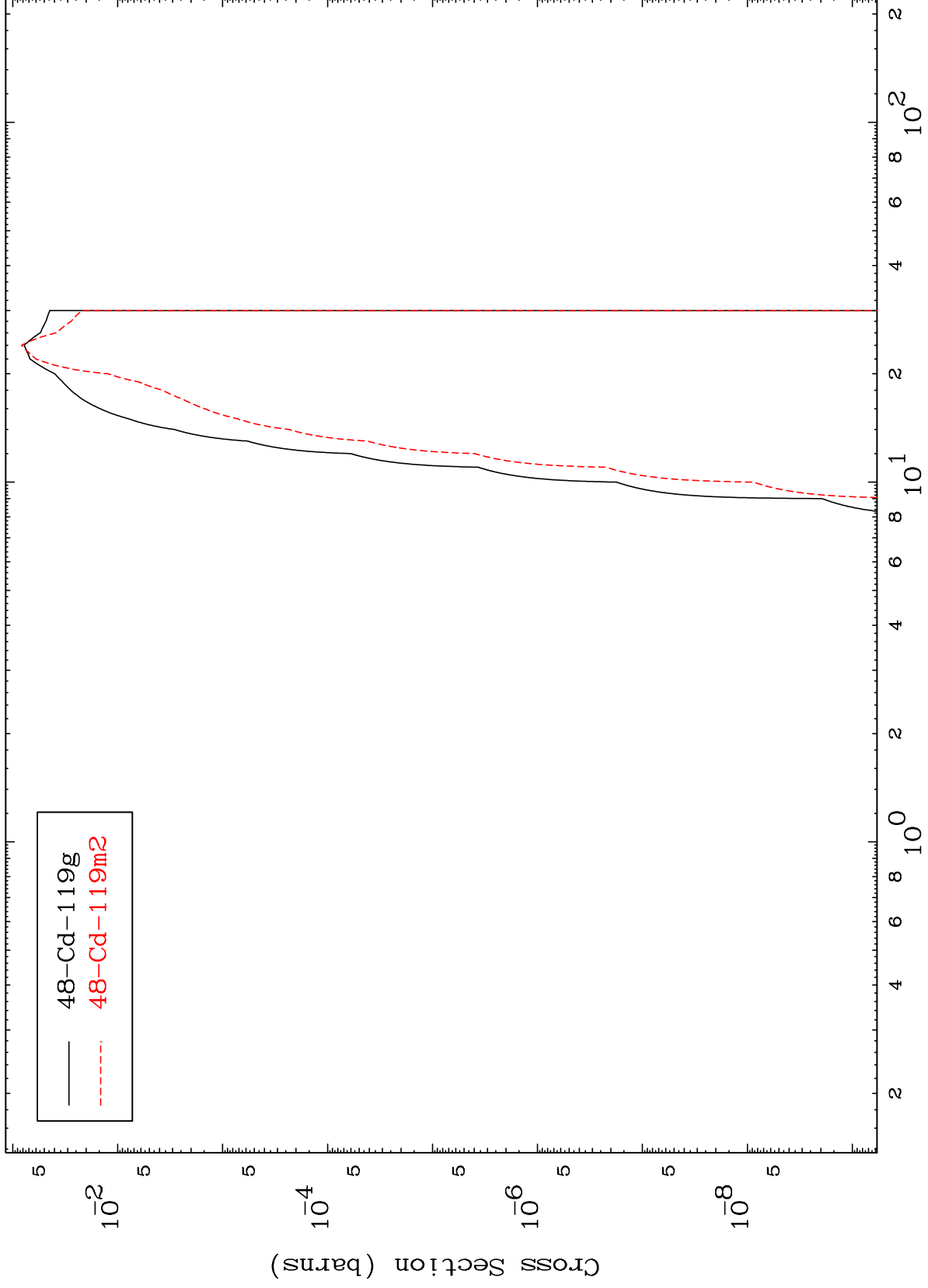


MAT 4864

(α, α)

48-Cd-119

Radionuclide Production Cross Section



— 48-Cd-119g
- - - 48-Cd-119m2

26

Incident Energy (MeV)

48-Cd-119

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

