

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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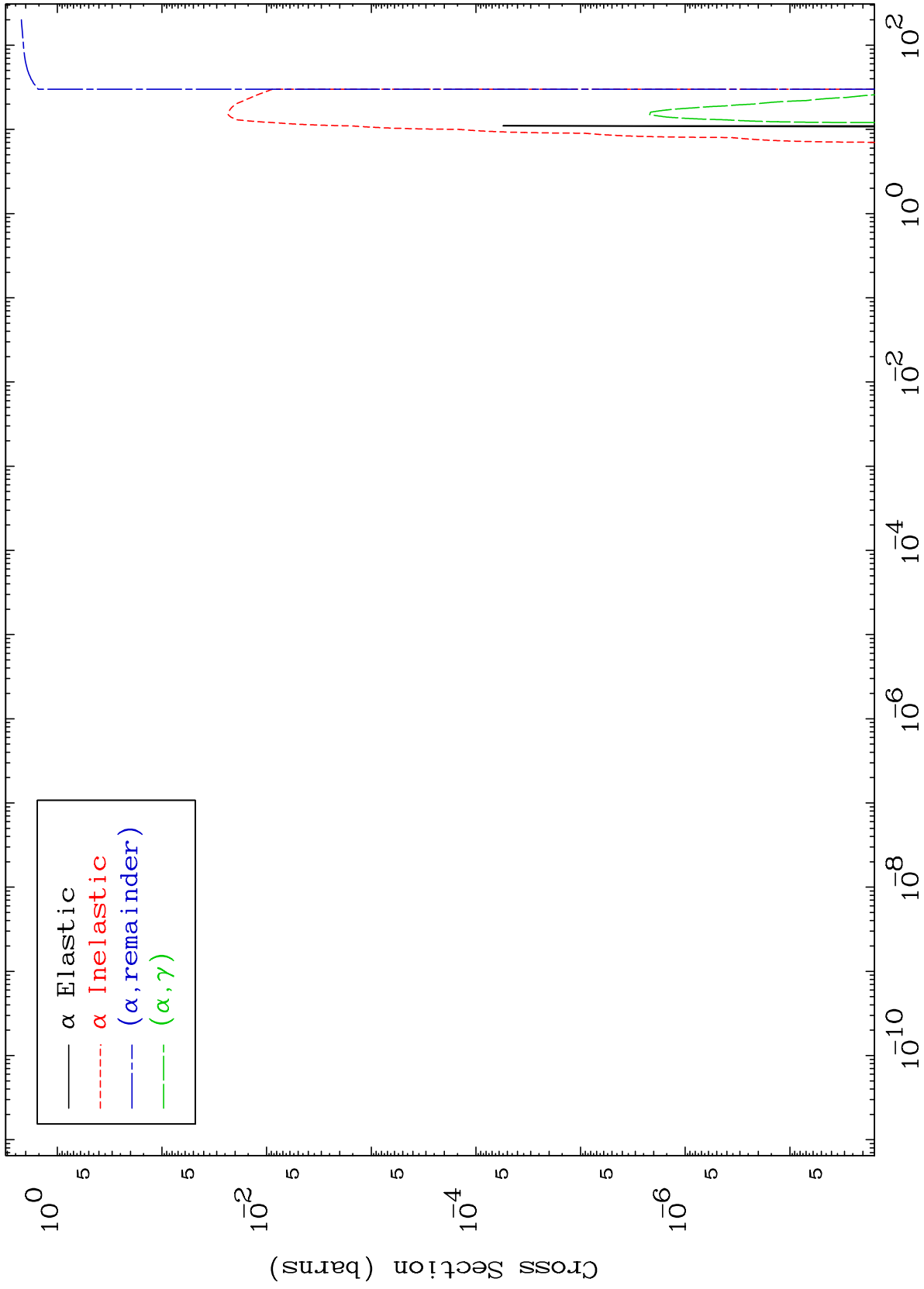
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4865

0 Kelvin α Major

48-Cd-119



1

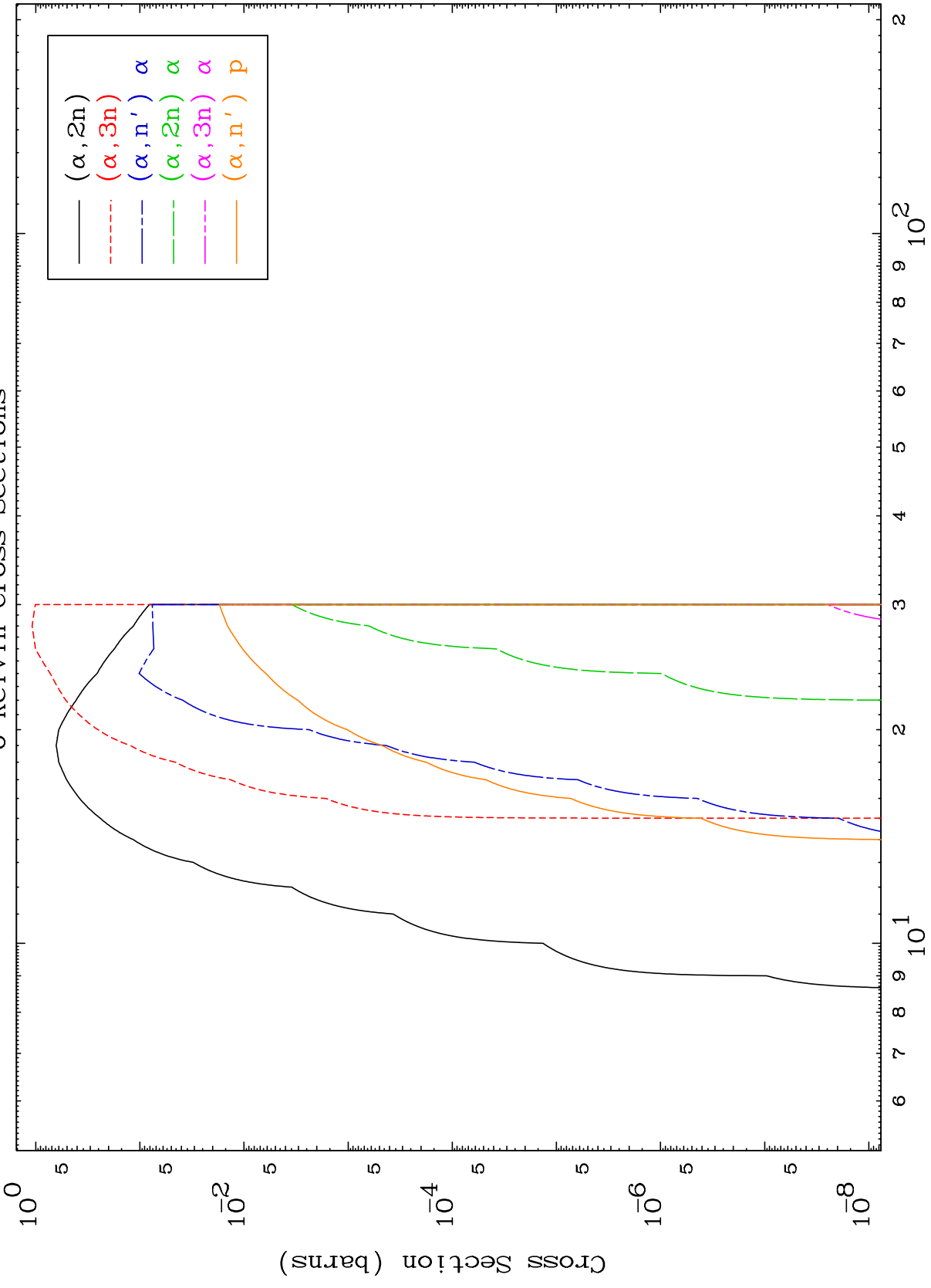
Incident Energy (MeV)

48-Cd-119

MAT 4865

α Neutron Production
0 Kelvin Cross Sections

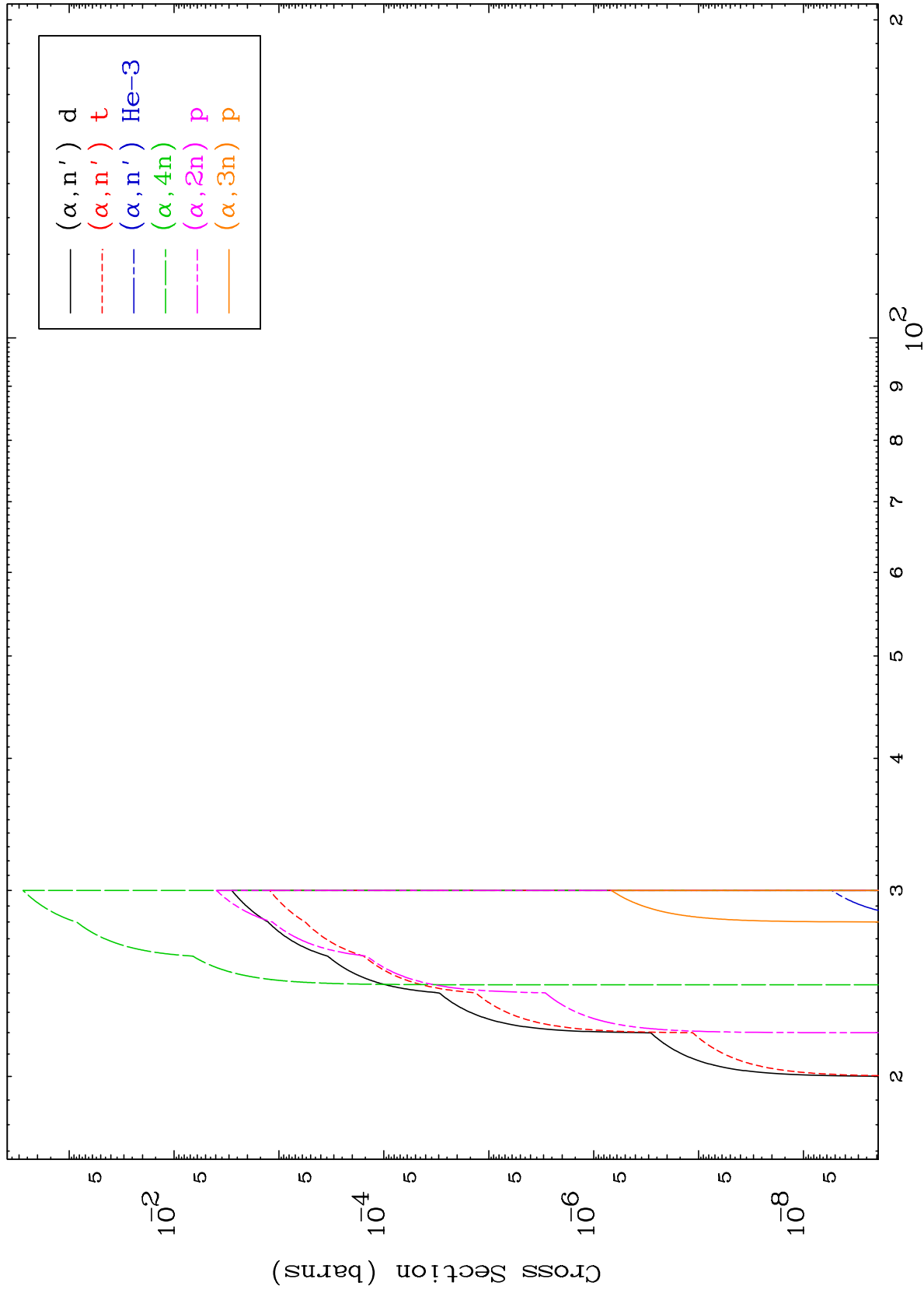
48-Cd-119

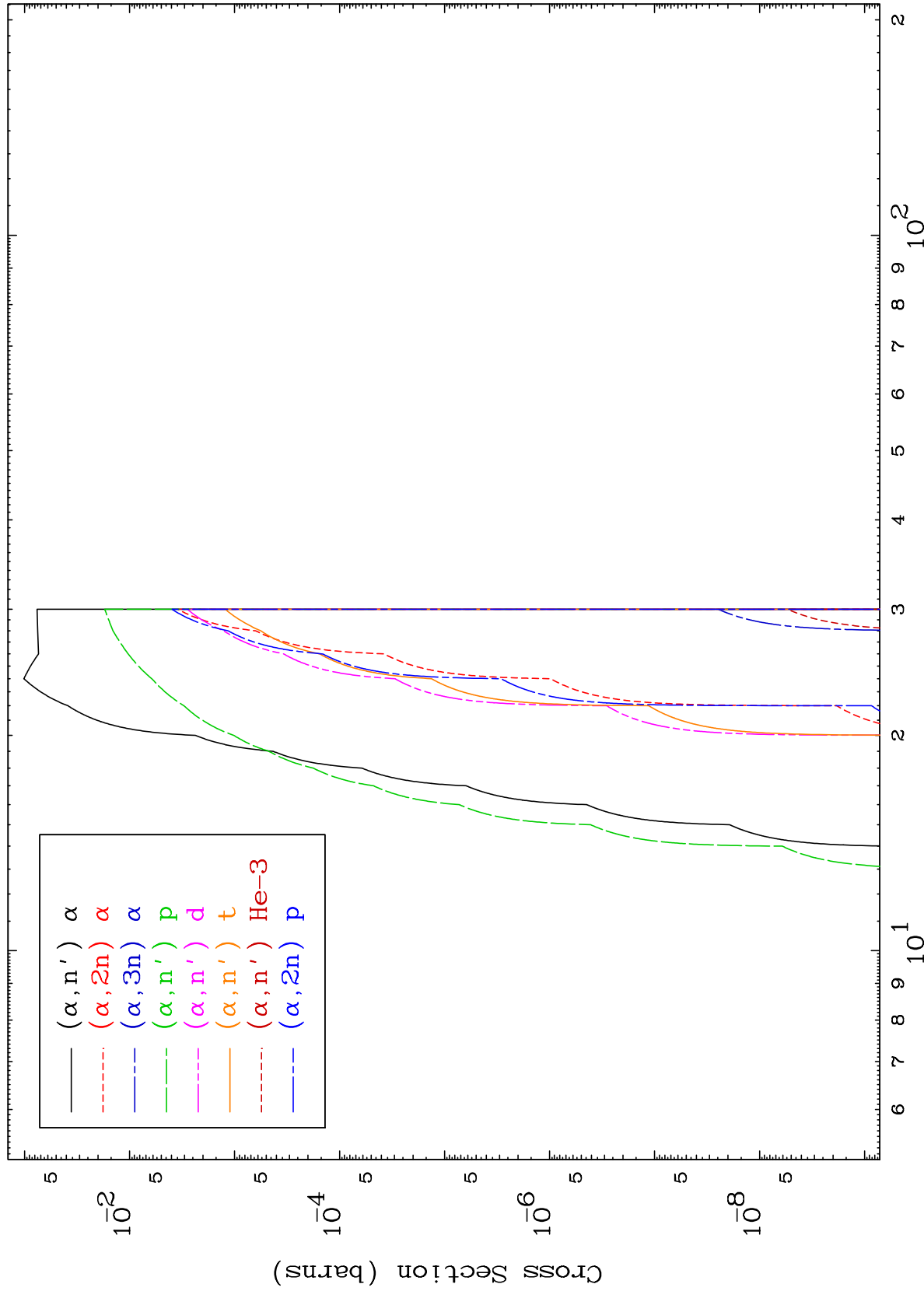


2

Incident Energy (MeV)

48-Cd-119

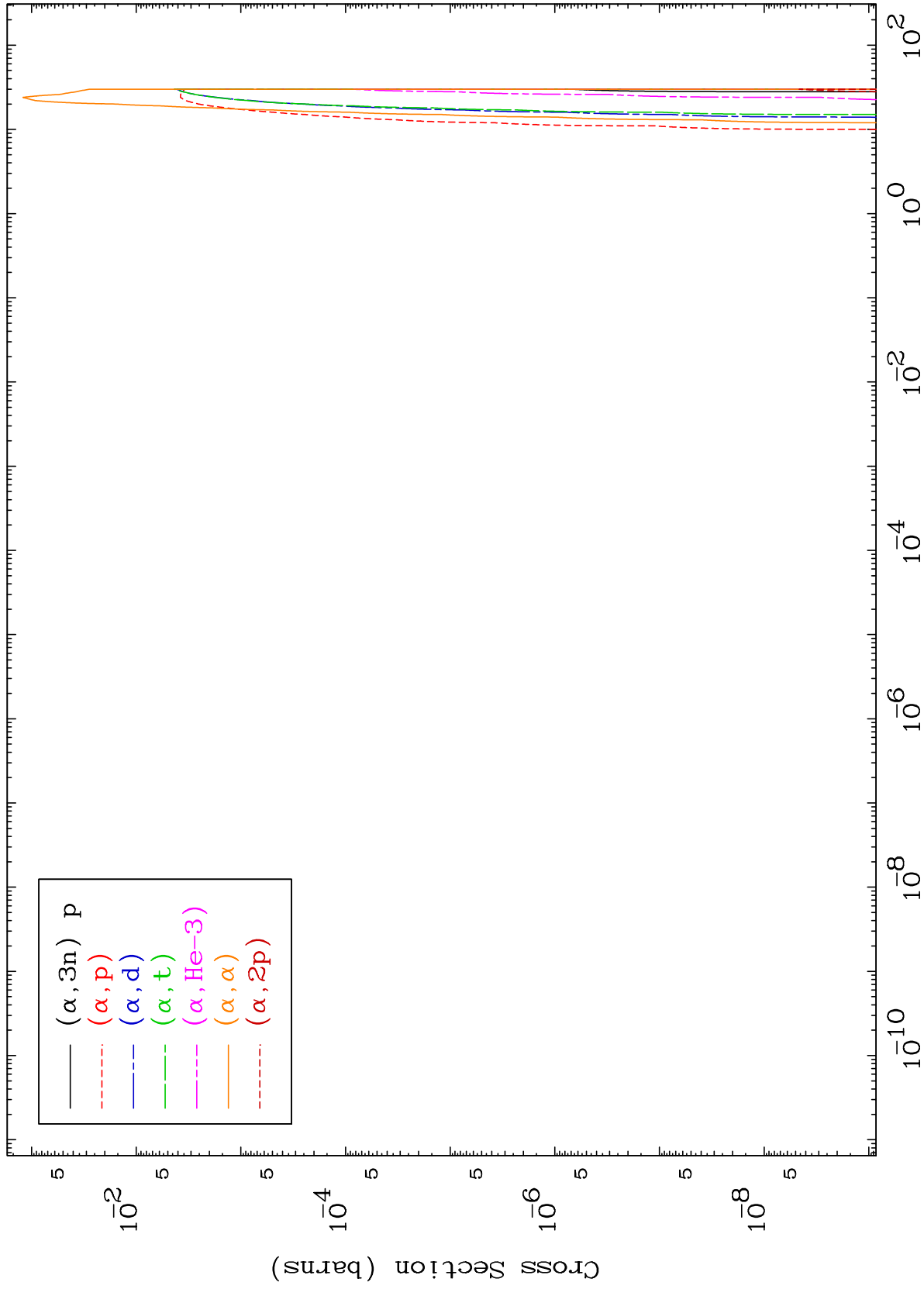




MAT 4865

α Charged Particle
0 Kelvin Cross Sections

48-Cd-119



5

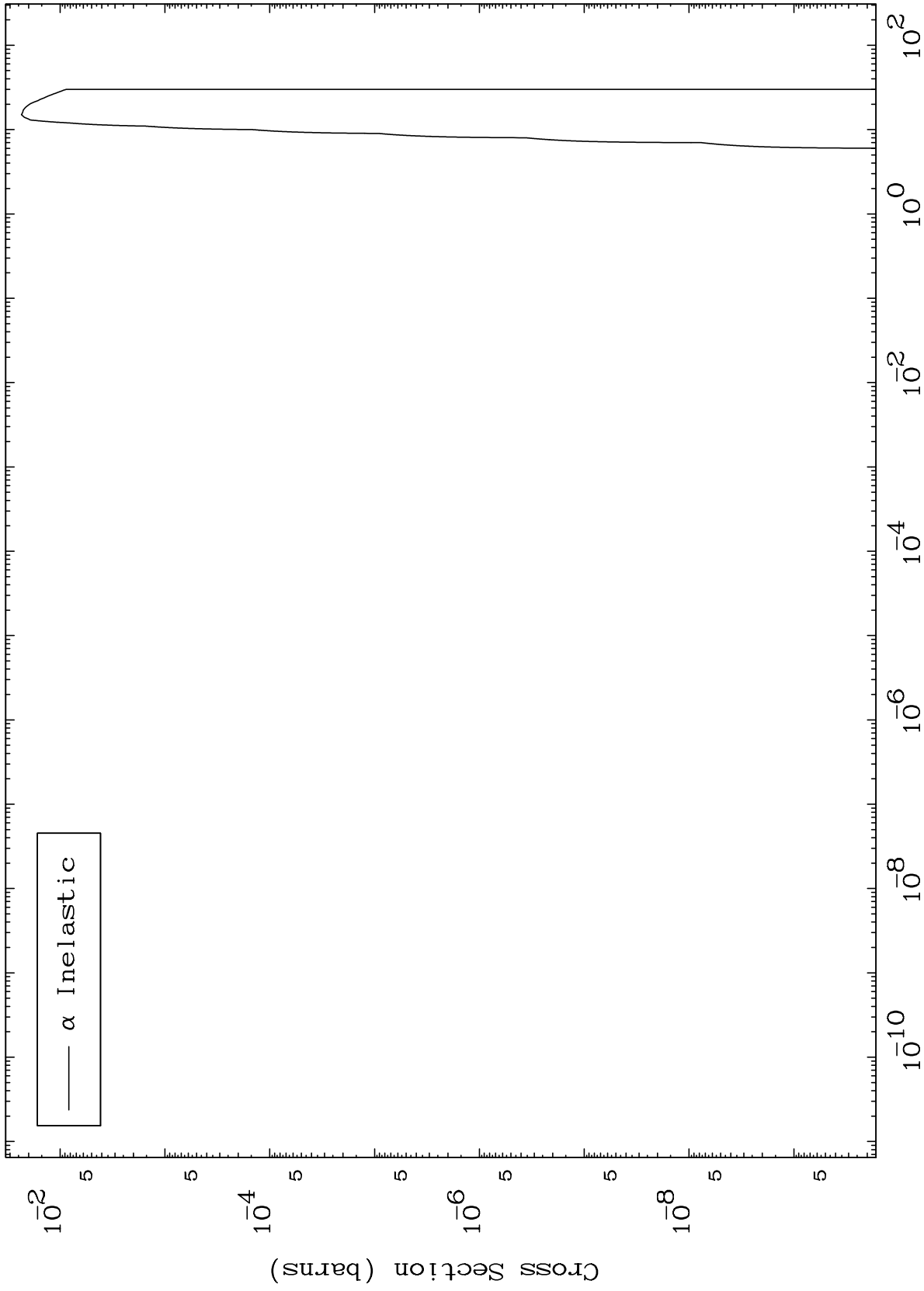
Incident Energy (MeV)

48-Cd-119

MAT 4865

(α, n') Level
0 Kelvin Cross Sections

48-Cd-119



6

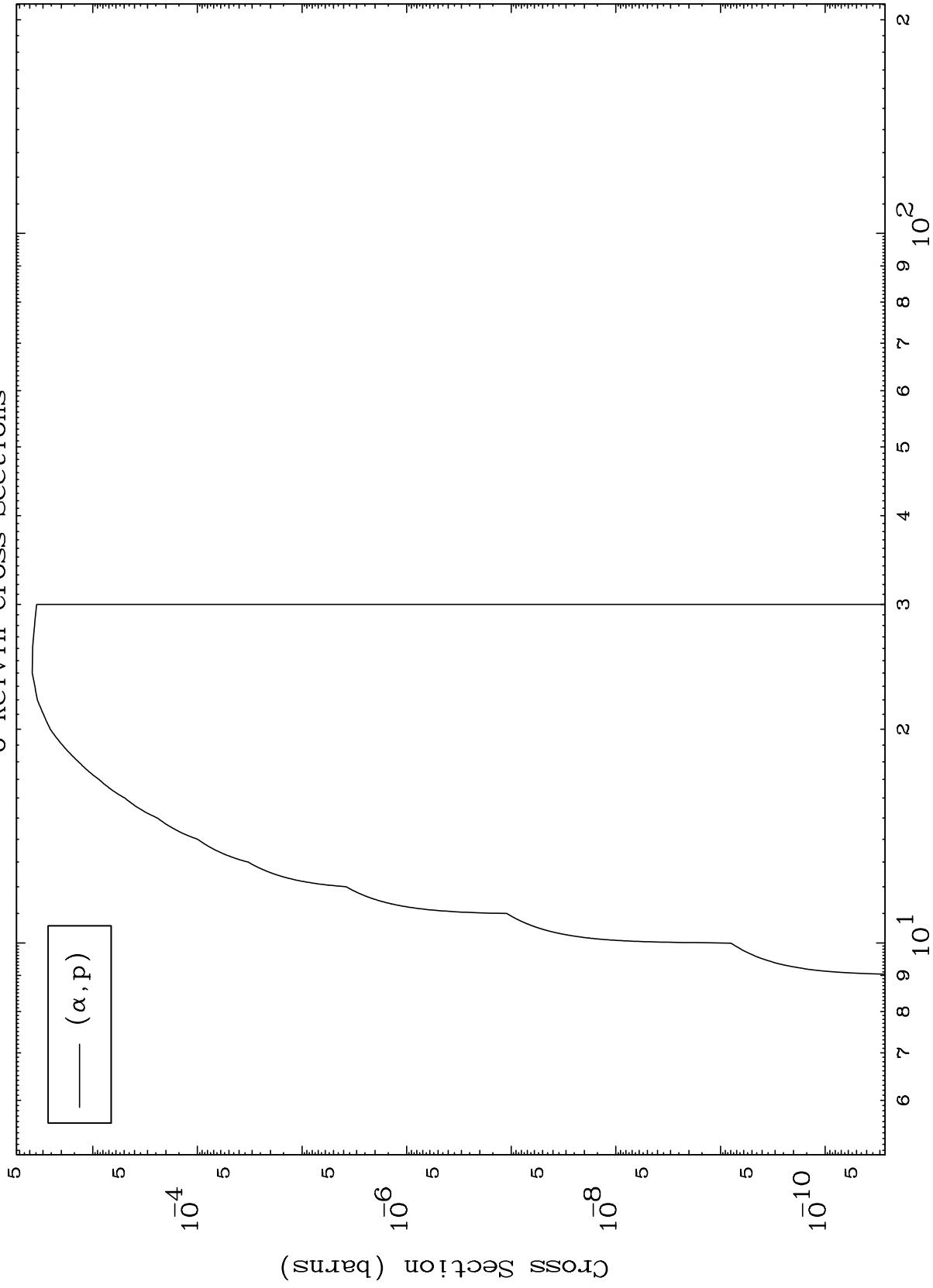
Incident Energy (MeV)

48-Cd-119

MAT 4865

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-119



7

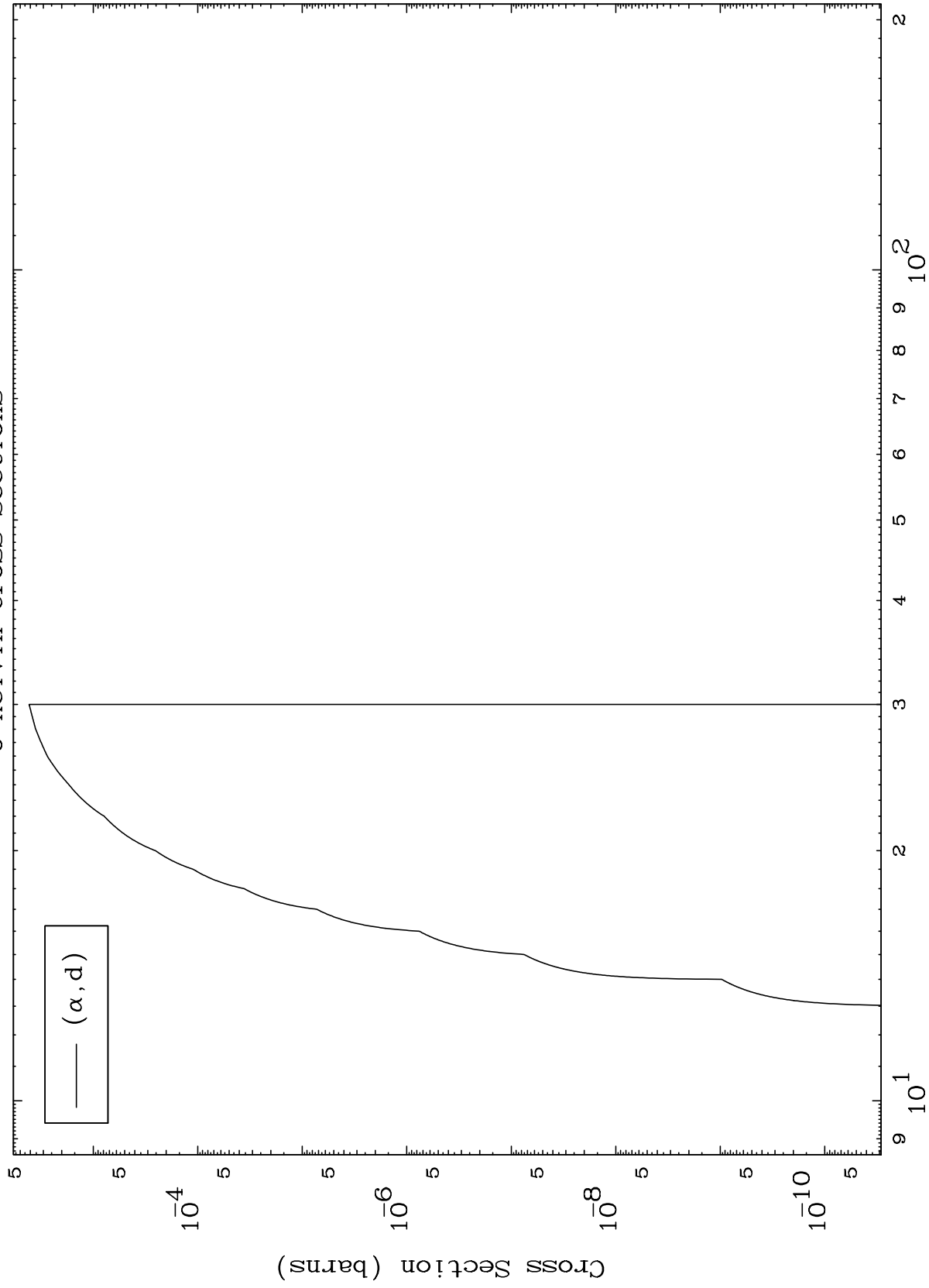
Incident Energy (MeV)

48-Cd-119

MAT 4865

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-119



8

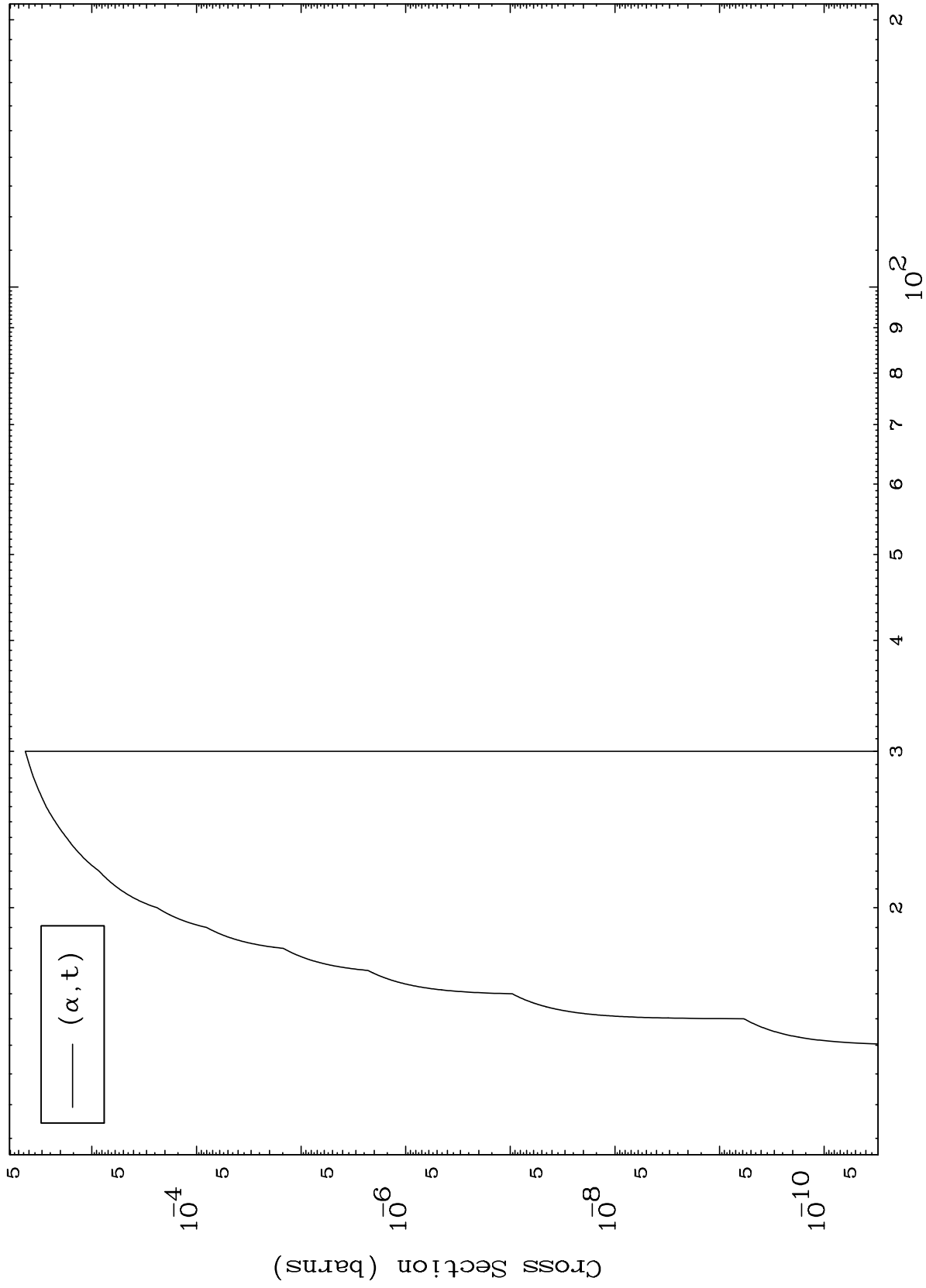
Incident Energy (MeV)

48-Cd-119

MAT 4865

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-119



9

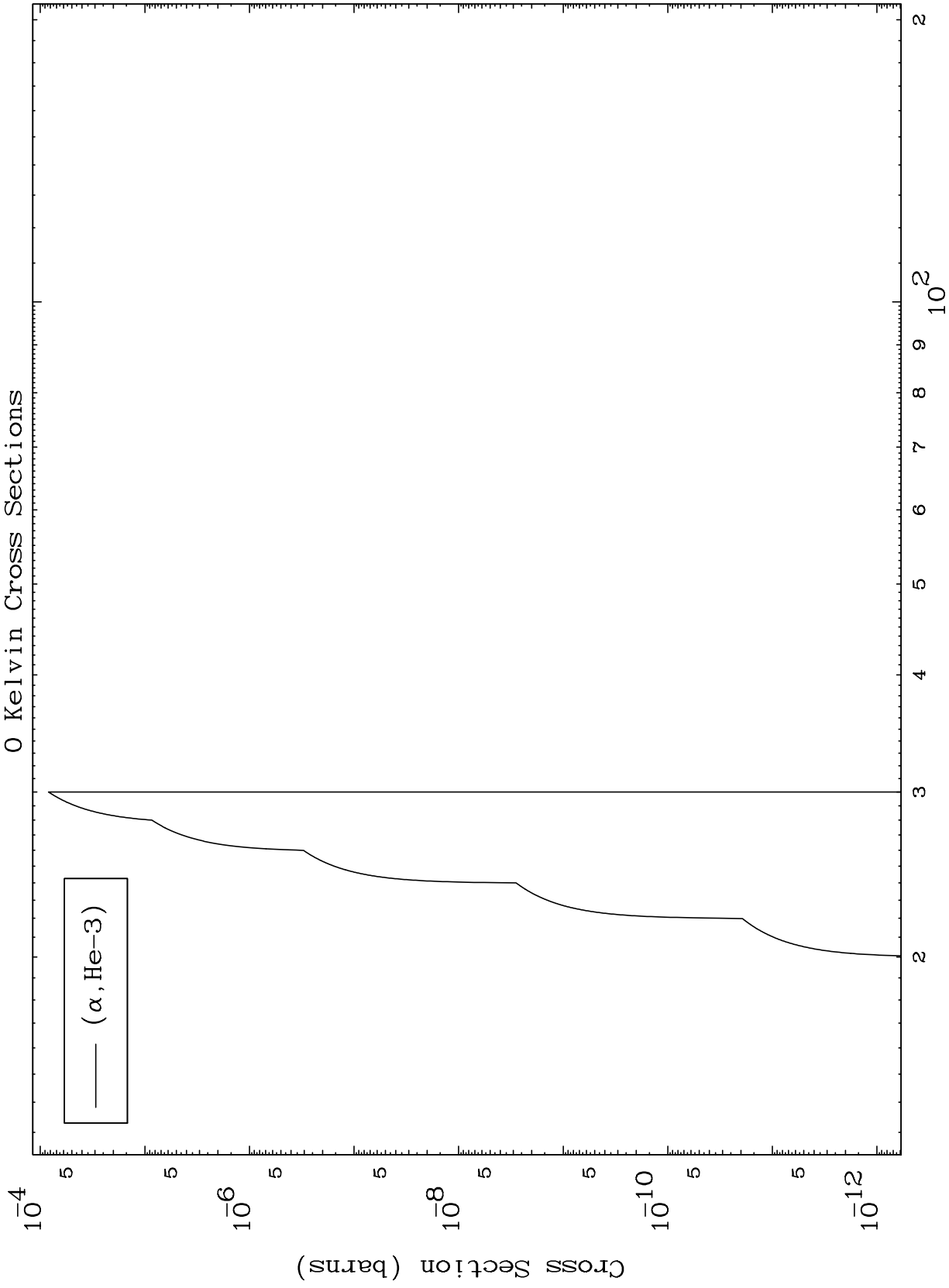
Incident Energy (MeV)

48-Cd-119

MAT 4865

(α ,He3) Levels
0 Kelvin Cross Sections

48-Cd-119



10

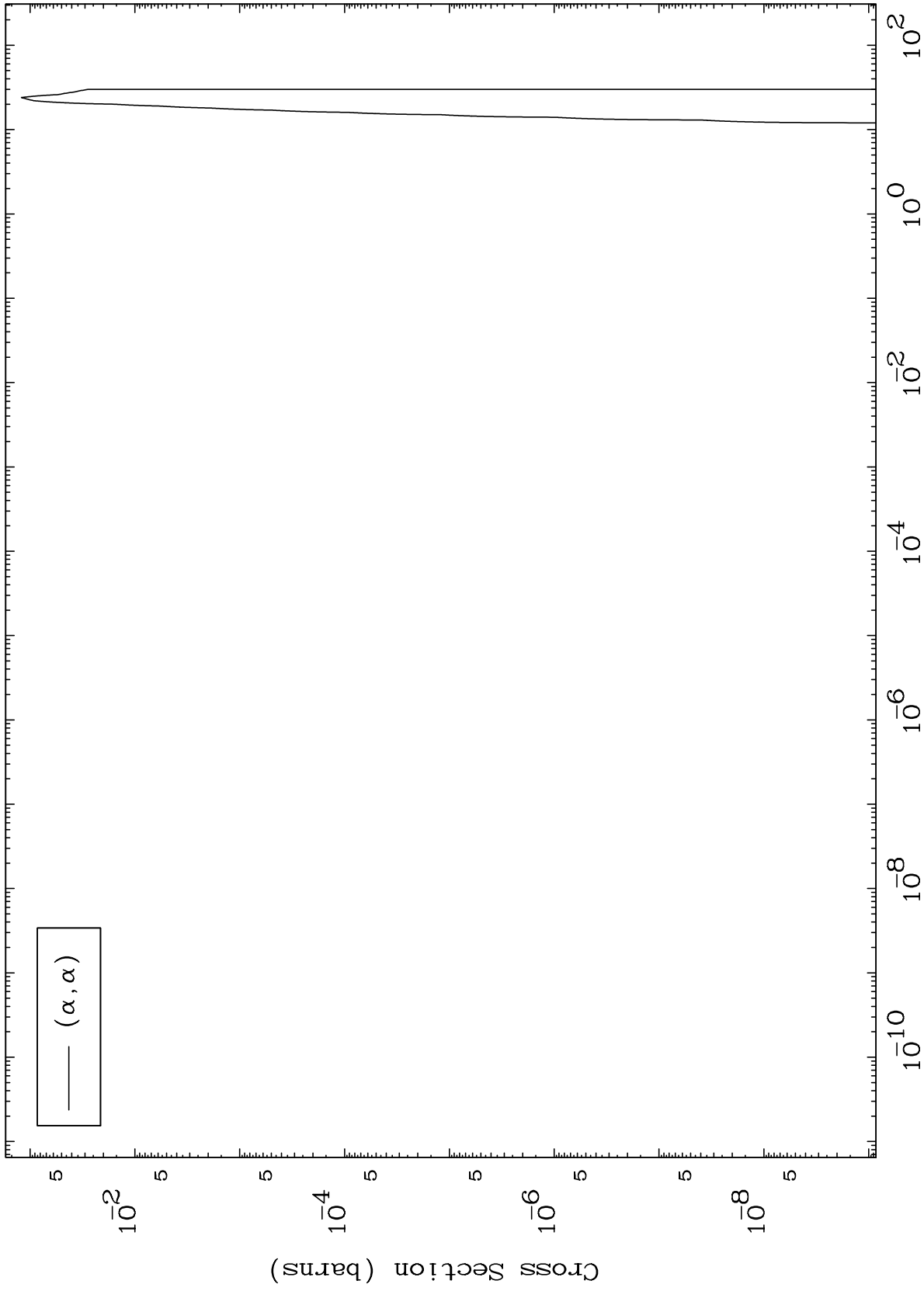
Incident Energy (MeV)

48-Cd-119

MAT 4865

(α, α) Levels
0 Kelvin Cross Sections

48-Cd-119



11

Incident Energy (MeV)

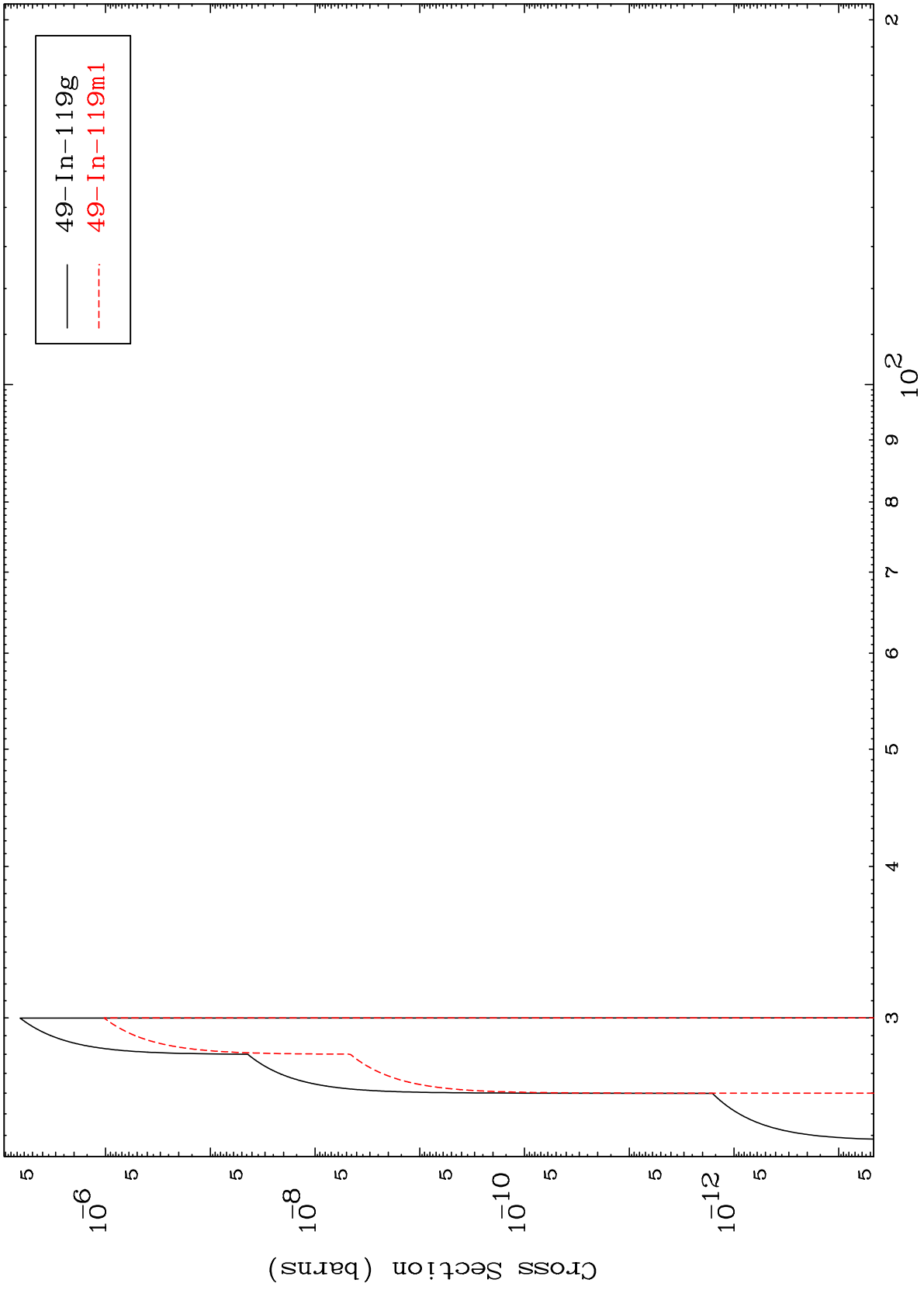
48-Cd-119

MAT 4865

($\alpha, 2n$) d

48-Cd-119

Radionuclide Production Cross Section



12

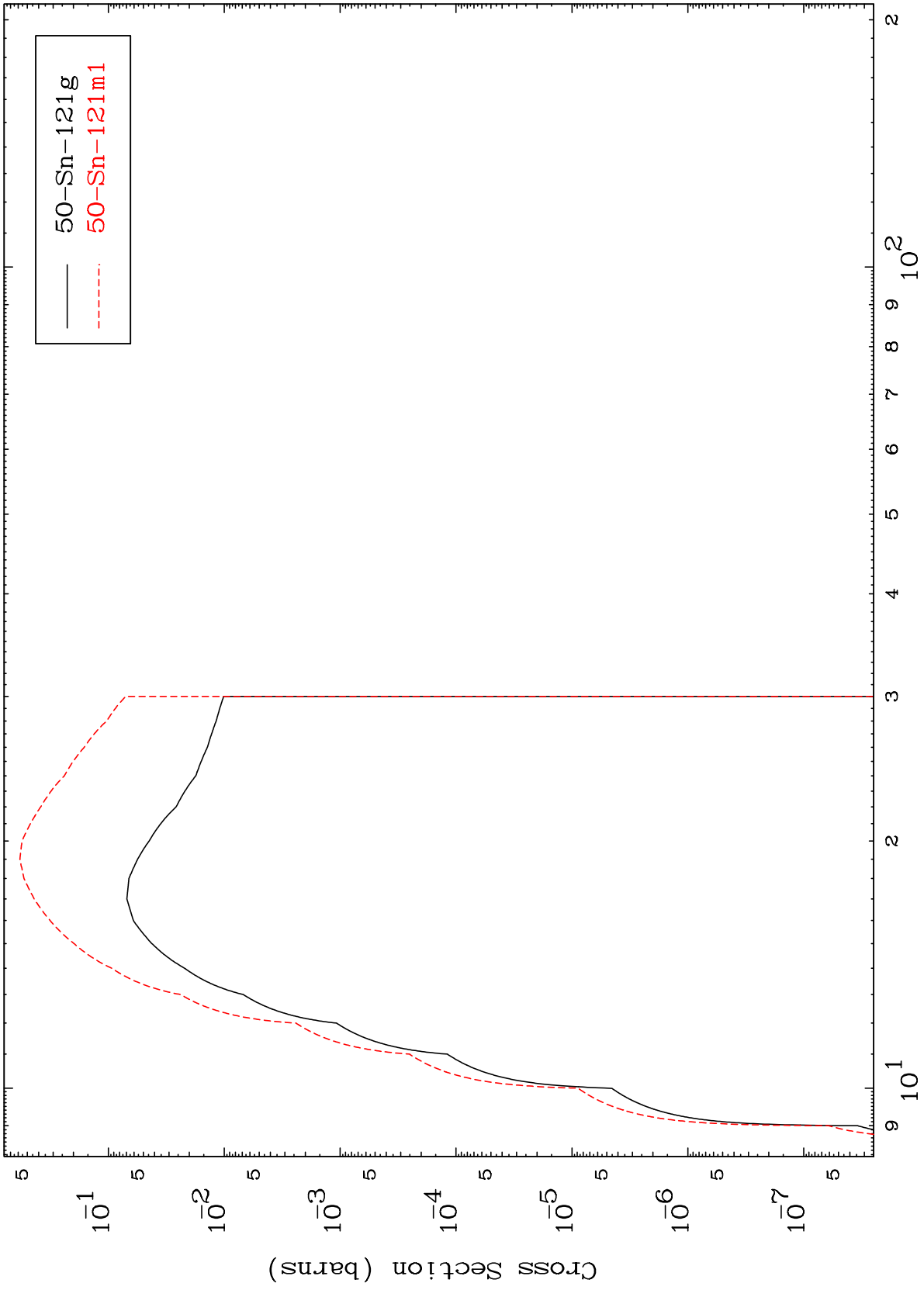
Incident Energy (MeV)

48-Cd-119

MAT 4865

48-Cd-119

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



13

Incident Energy (MeV)

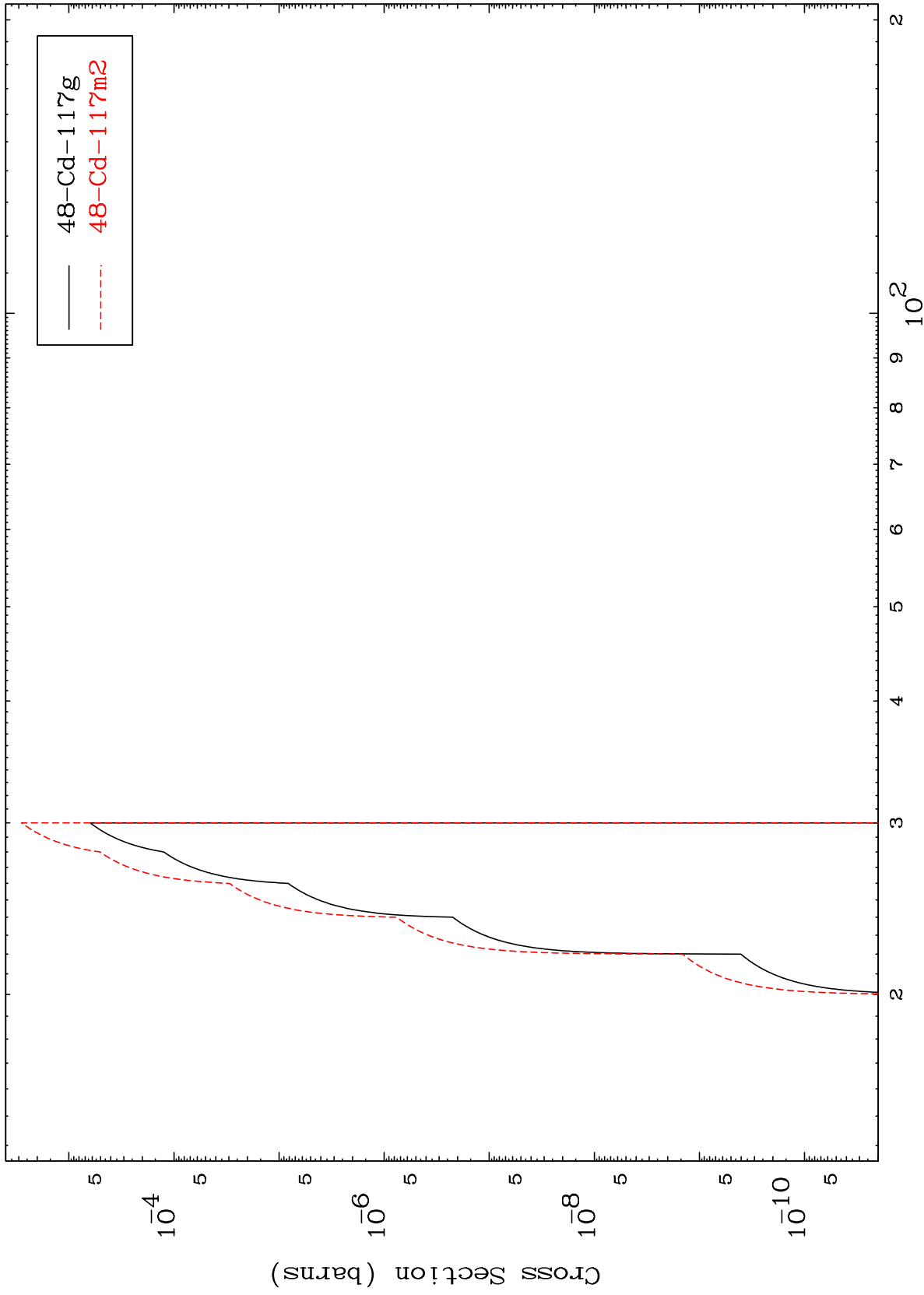
48-Cd-119

MAT 4865

($\alpha, 2n$) α

48-Cd-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

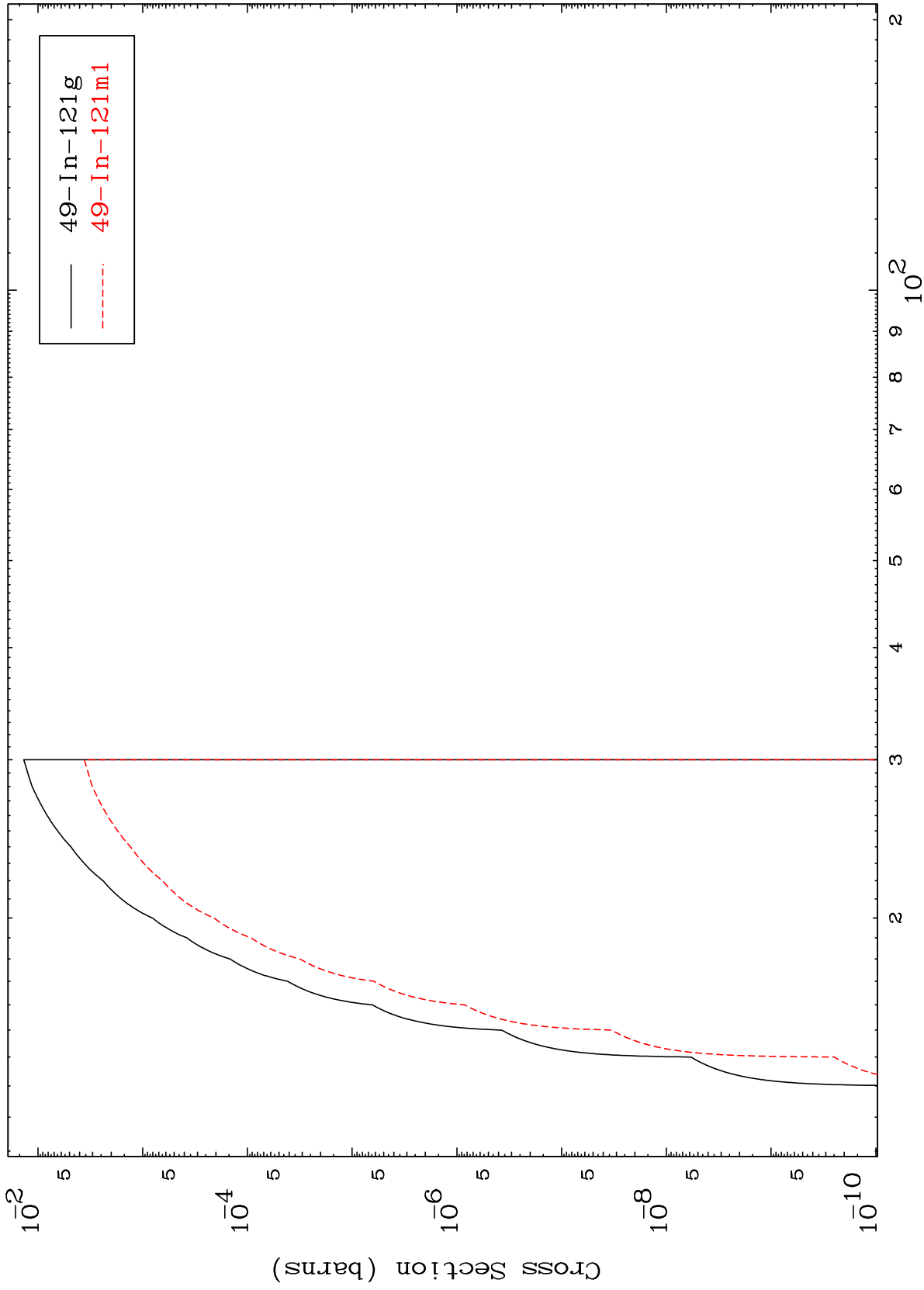
48-Cd-119

MAT 4865

(α, n') p

48-Cd-119

Radionuclide Production Cross Section



15

Incident Energy (MeV)

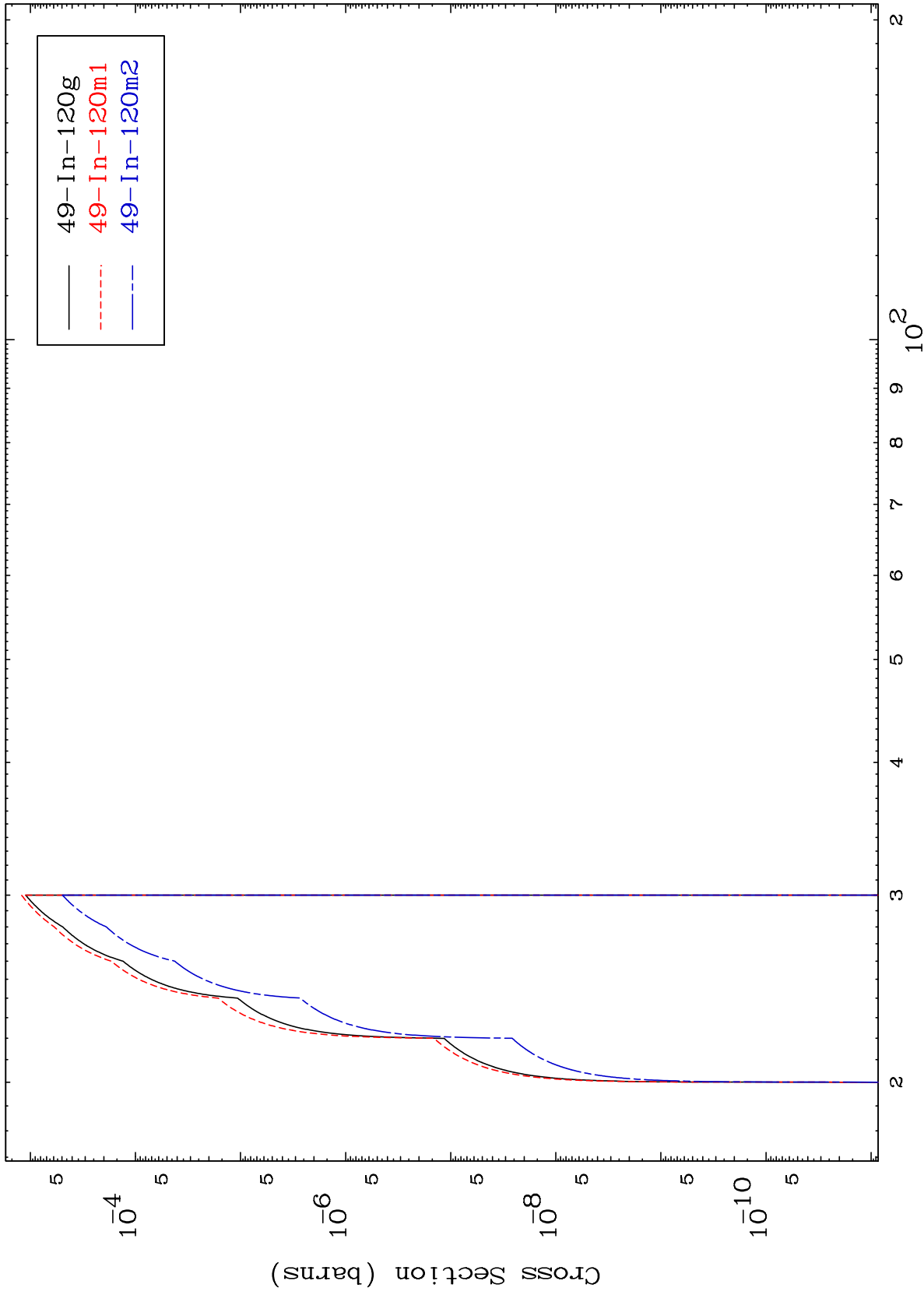
48-Cd-119

MAT 4865

(α, n') d

48-Cd-119

Radionuclide Production Cross Section



16

Incident Energy (MeV)

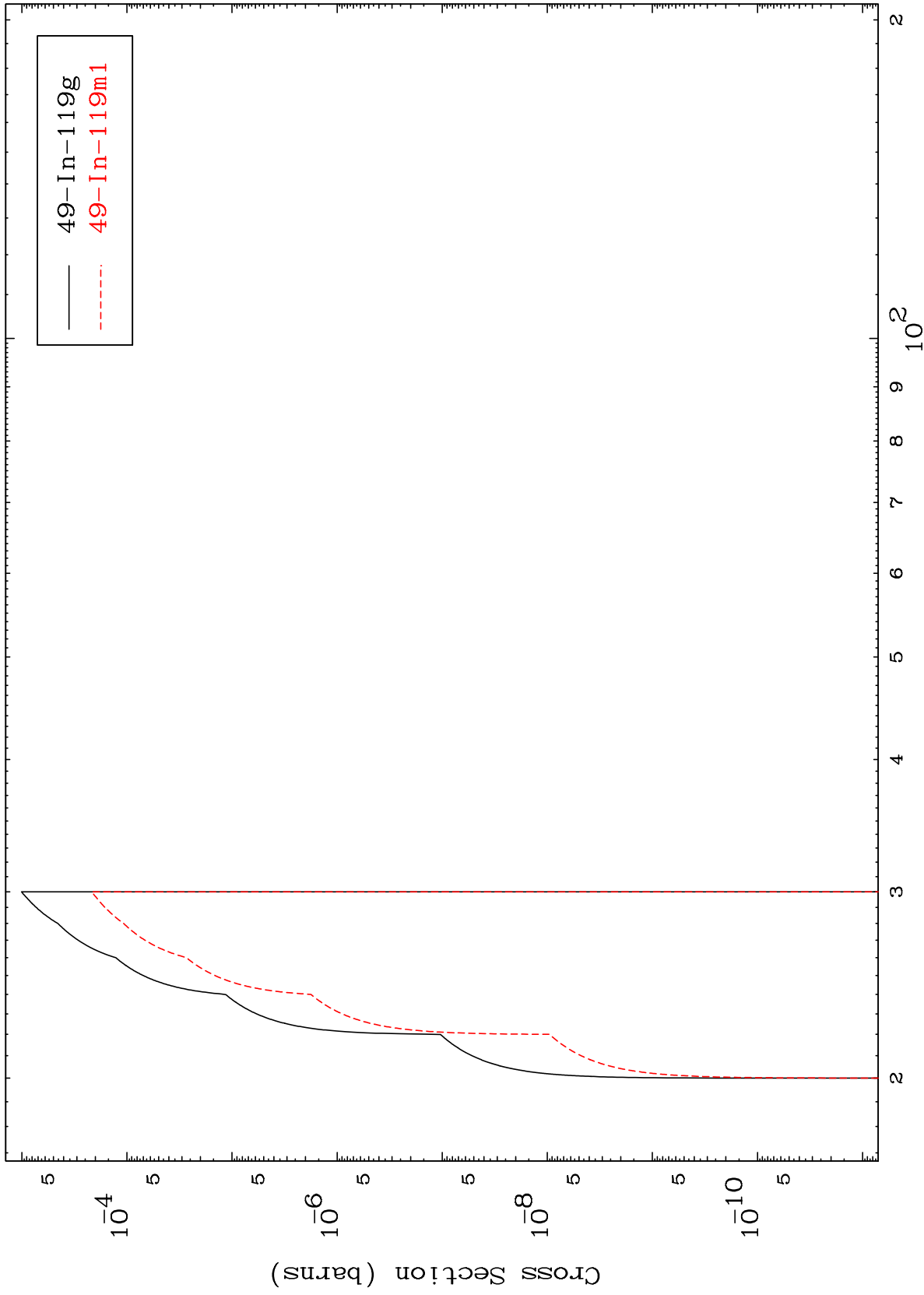
48-Cd-119

MAT 4865

(α, n') t

48-Cd-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

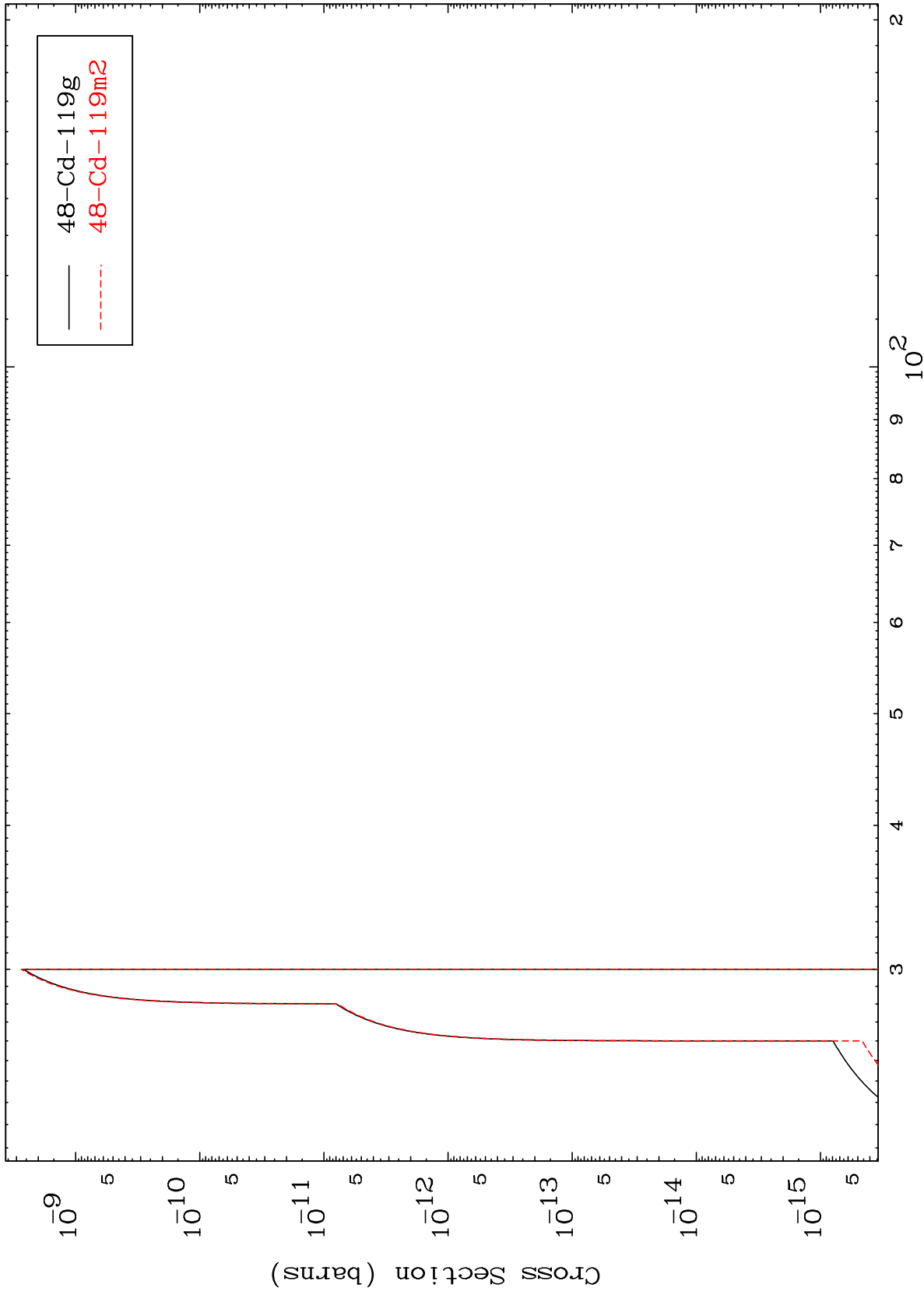
48-Cd-119

MAT 4865

(α, n') He-3

48-Cd-119

Radionuclide Production Cross Section



18

Incident Energy (MeV)

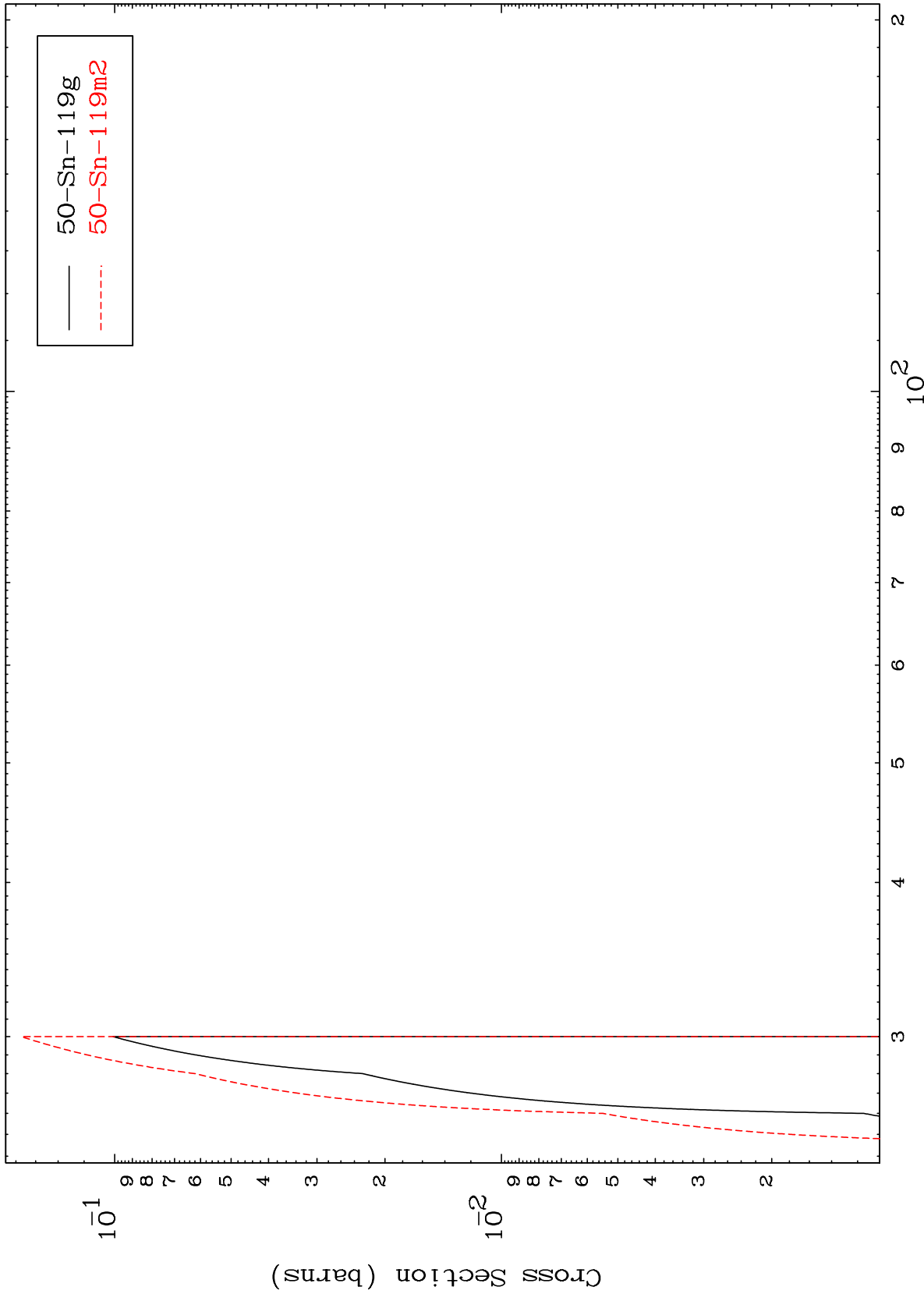
48-Cd-119

MAT 4865

($\alpha, 4n$)

48-Cd-119

Radionuclide Production Cross Section



50-Sn-119g
50-Sn-119m2

19

Incident Energy (MeV)

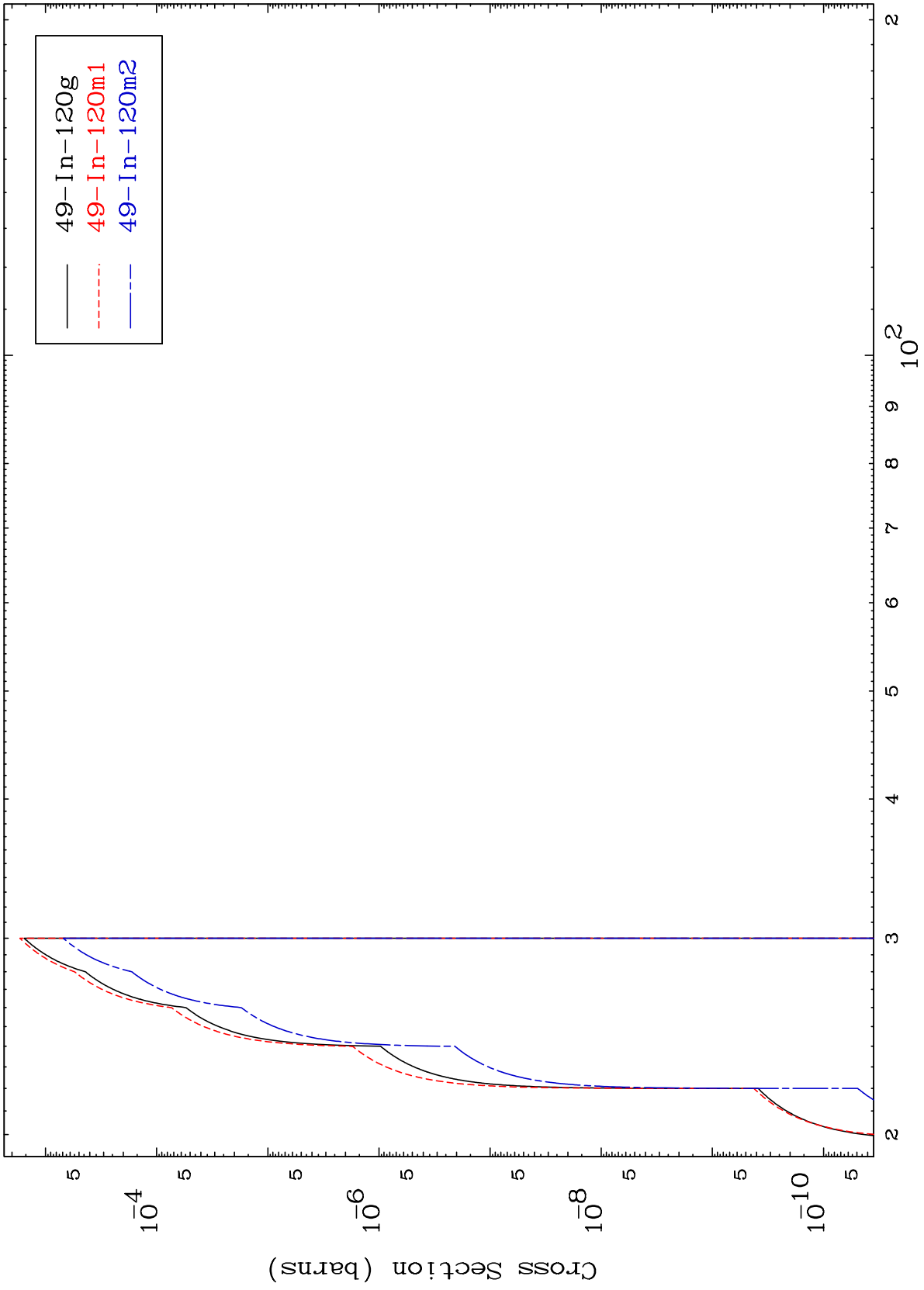
48-Cd-119

MAT 4865

($\alpha, 2n$) p

48-Cd-119

Radionuclide Production Cross Section



20

Incident Energy (MeV)

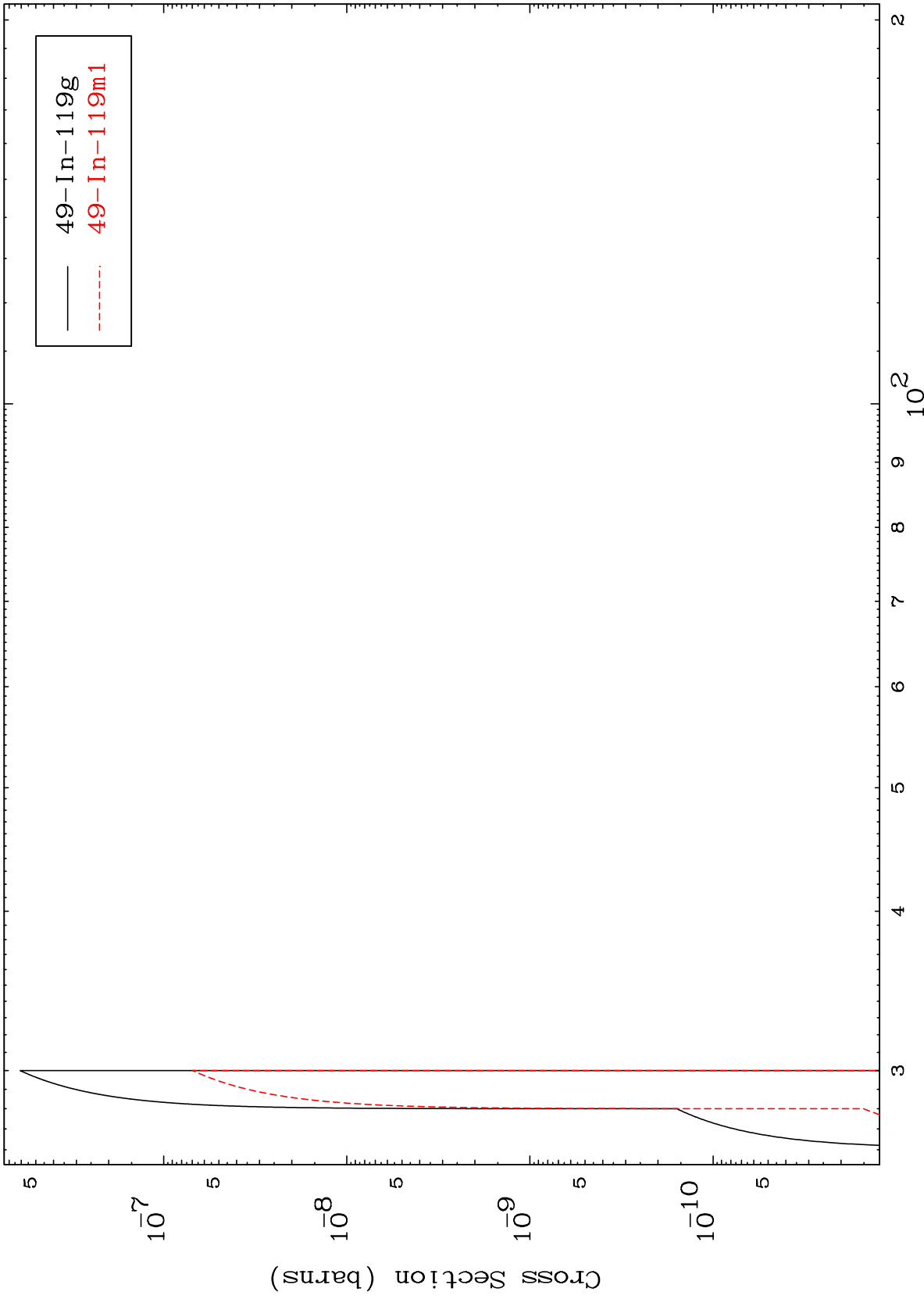
48-Cd-119

MAT 4865

($\alpha, 3n$) p

48-Cd-119

Radionuclide Production Cross Section



21

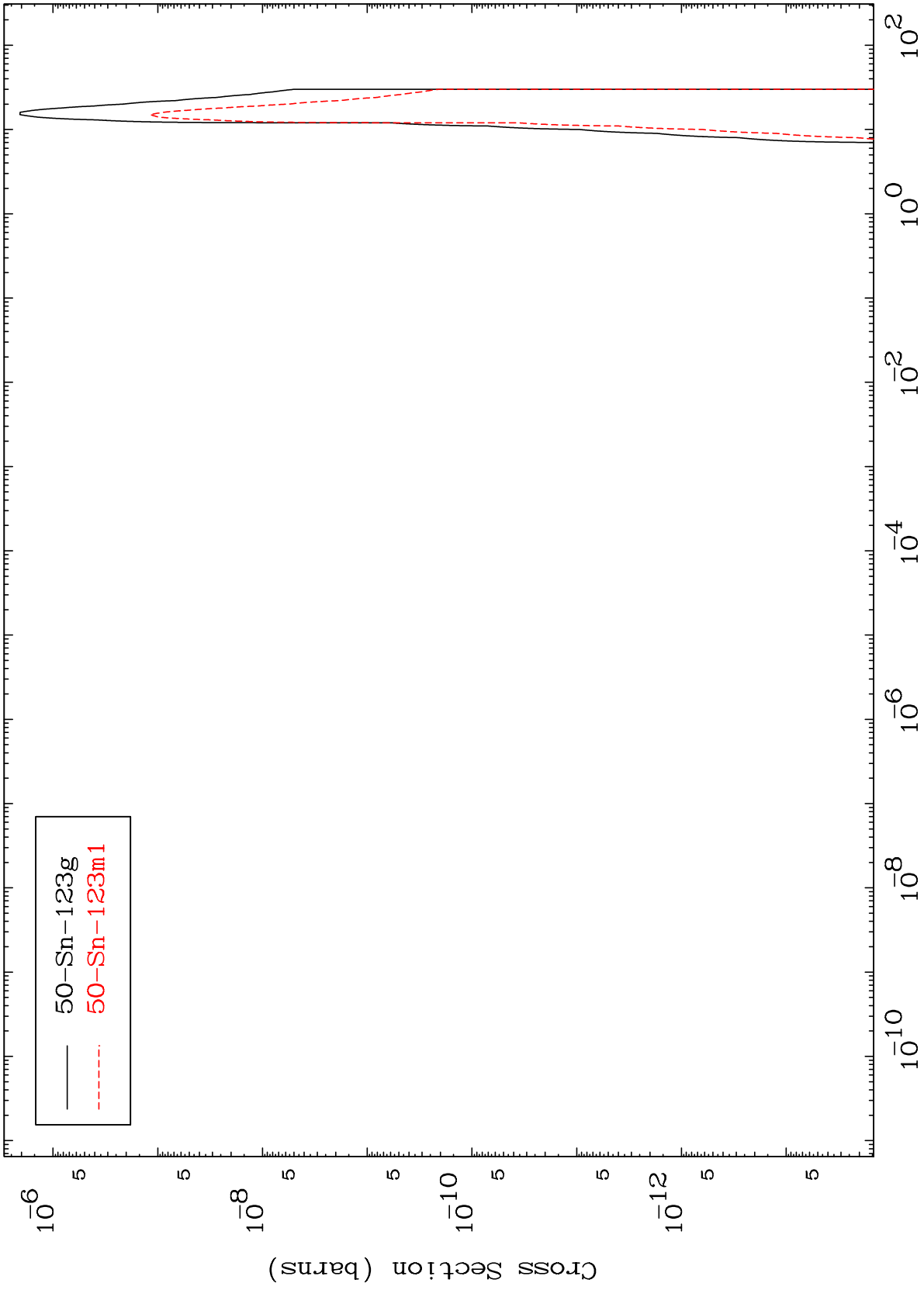
Incident Energy (MeV)

48-Cd-119

MAT 4865

Radionuclide Production Cross Section
(α, γ)

48-Cd-119

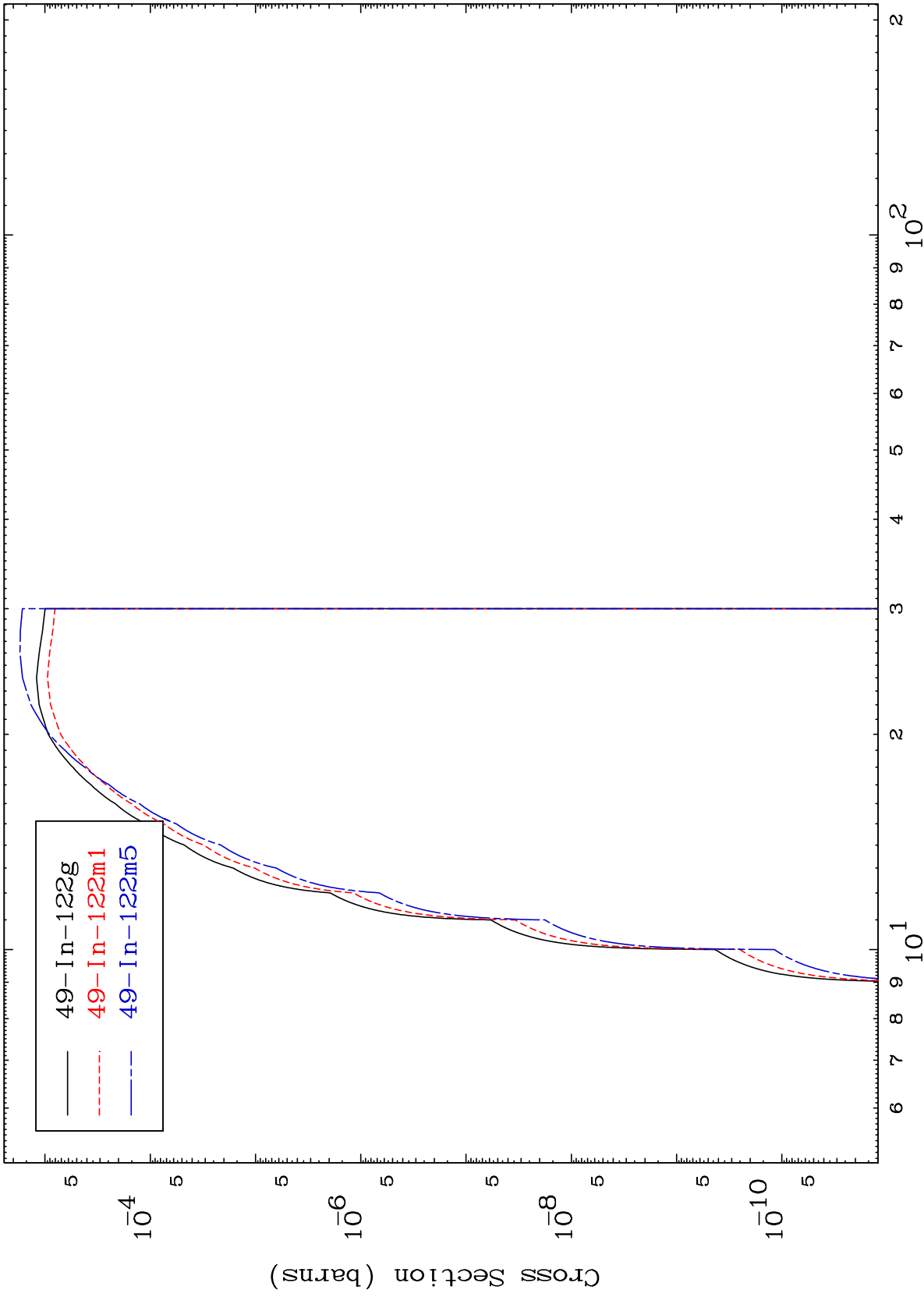


MAT 4865

48-Cd-119

Radionuclide Production Cross Section

(α, p)



23

Incident Energy (MeV)

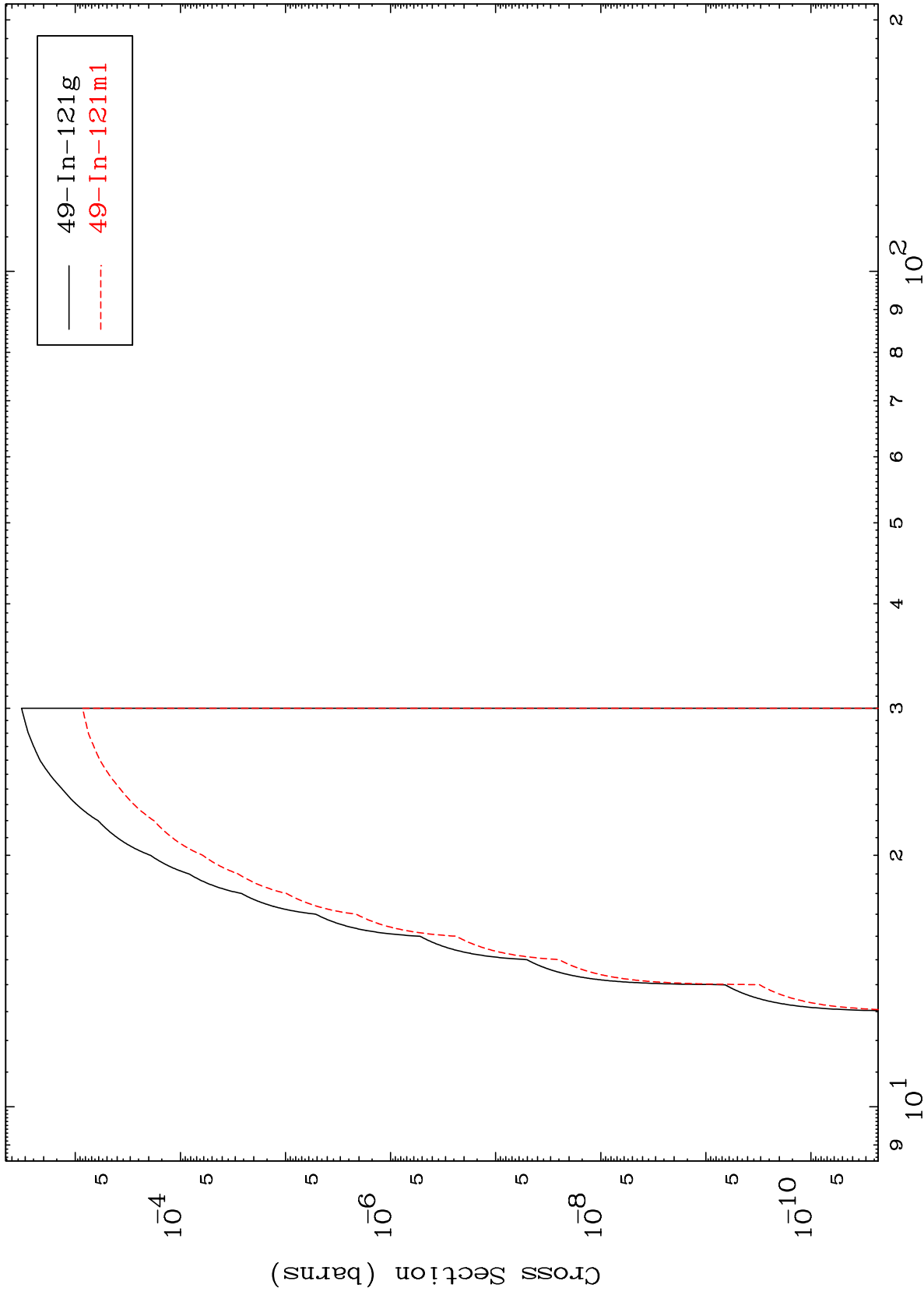
48-Cd-119

MAT 4865

(α, d)

48-Cd-119

Radionuclide Production Cross Section



24

Incident Energy (MeV)

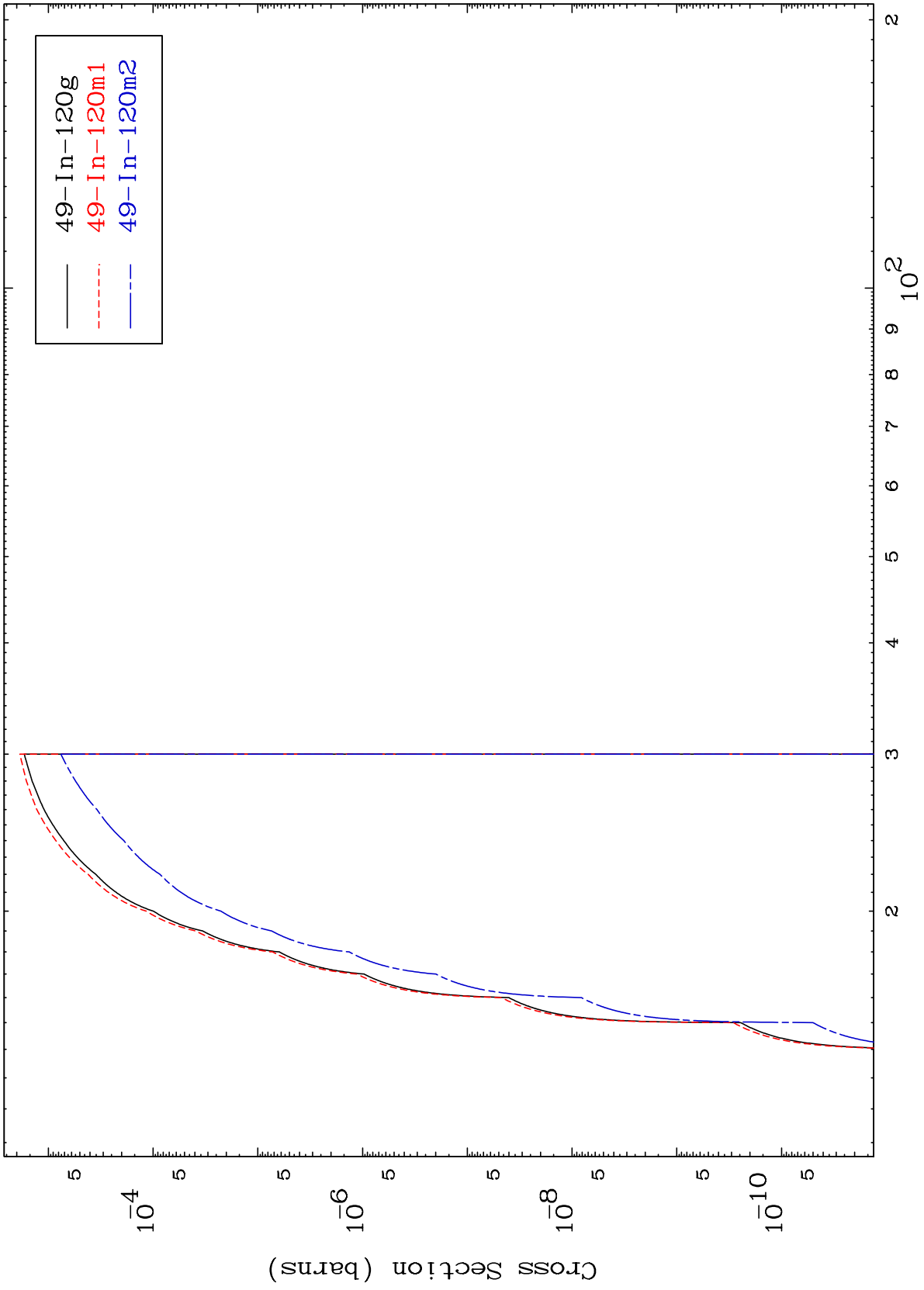
48-Cd-119

MAT 4865

(α, t)

48-Cd-119

Radionuclide Production Cross Section



25

Incident Energy (MeV)

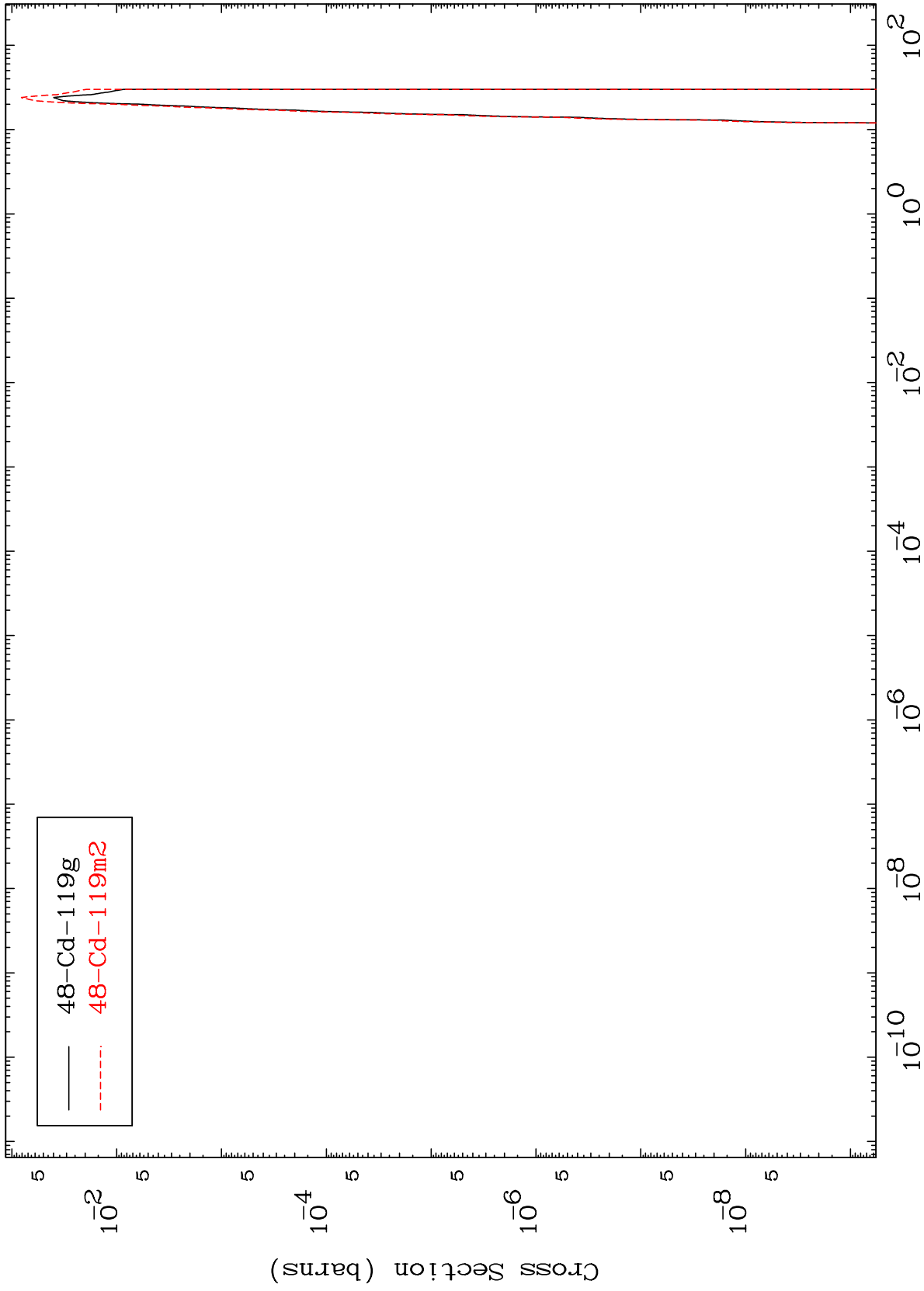
48-Cd-119

MAT 4865

(α, α)

48-Cd-119

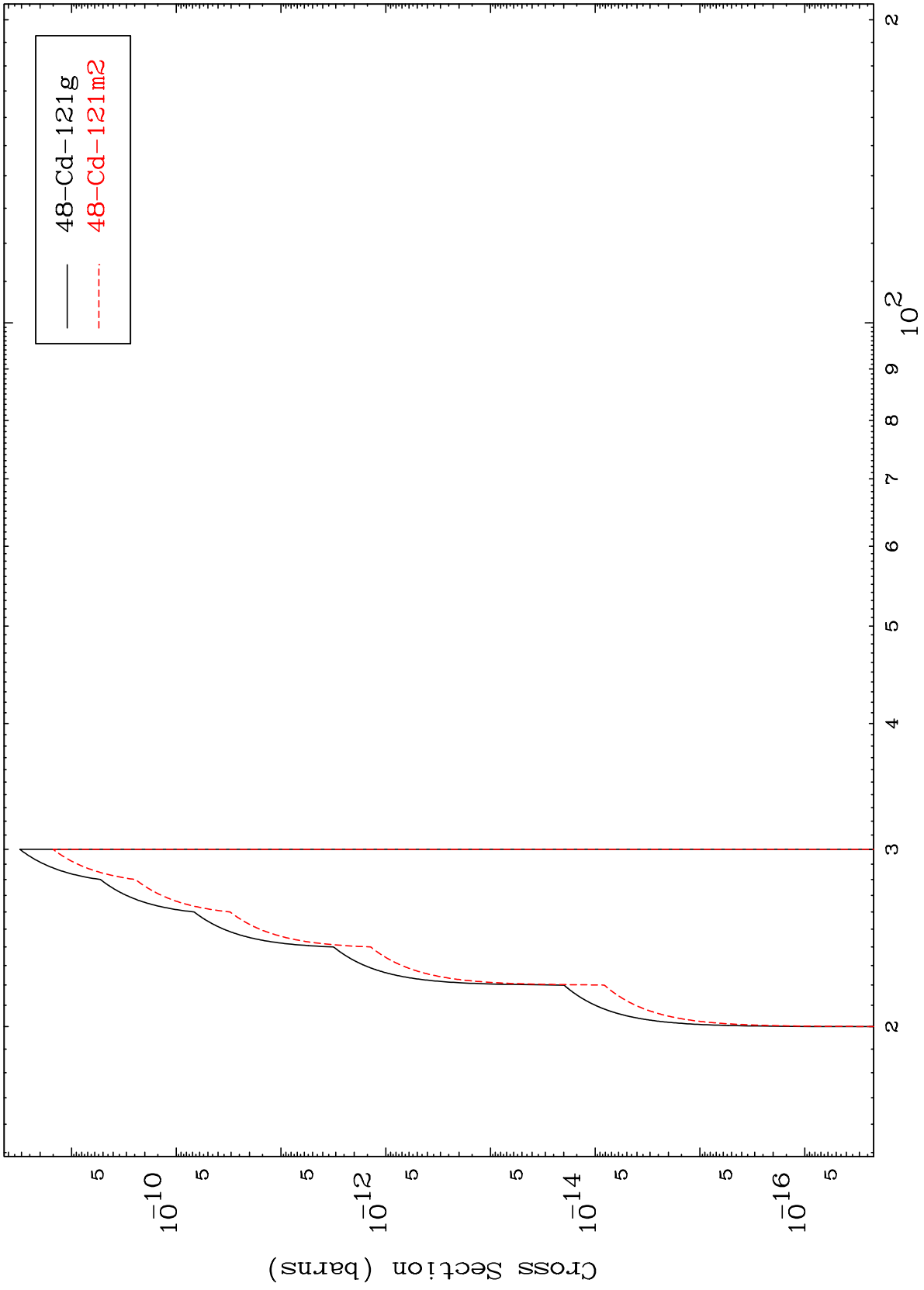
Radionuclide Production Cross Section



MAT 4865

48-Cd-119

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



27

48-Cd-119