

Program EVALPLOT
(Version 2018-1)

by

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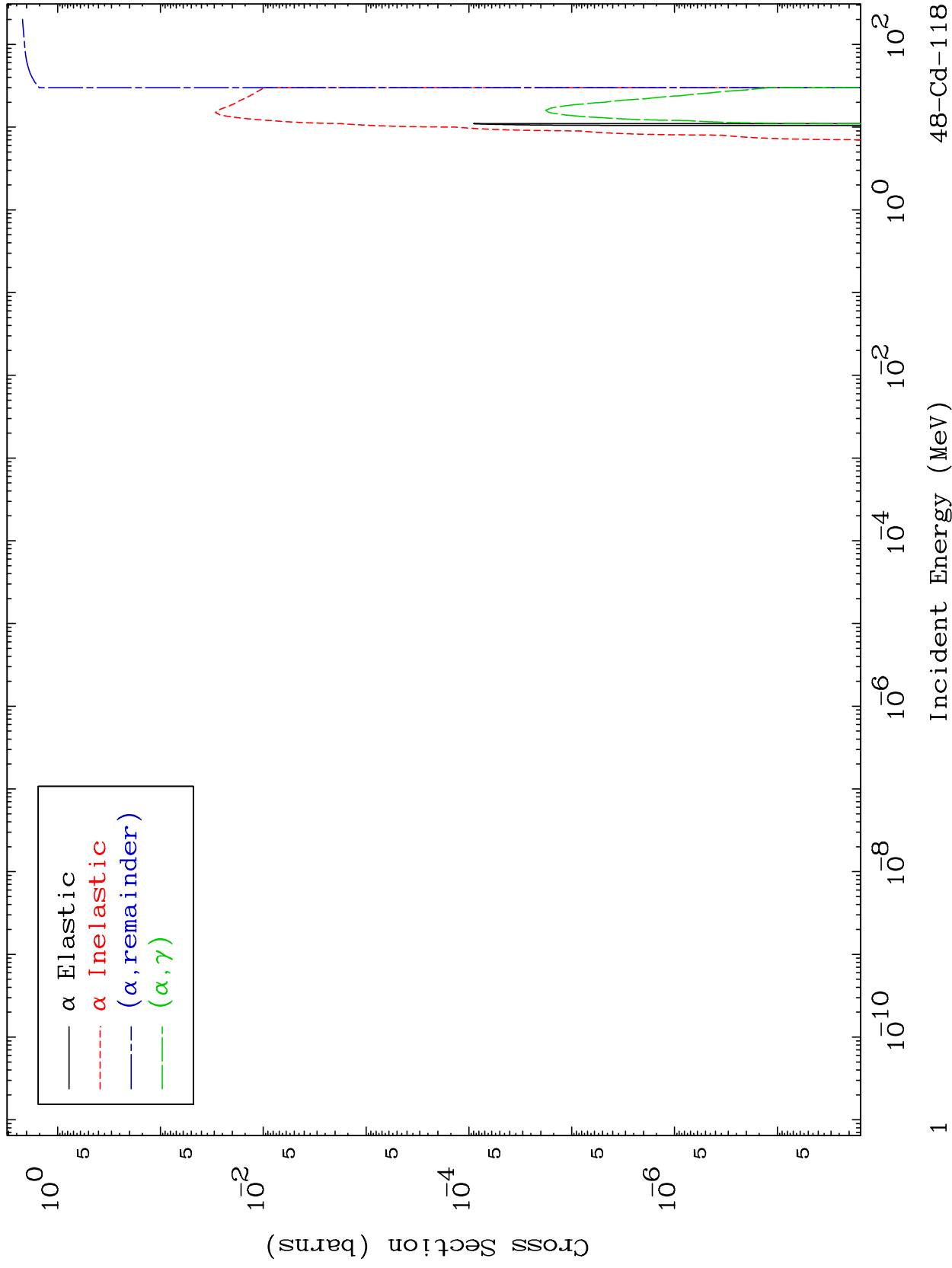
Press Mouse Button to Start

MAT 4861

α Major

48-Cd-118

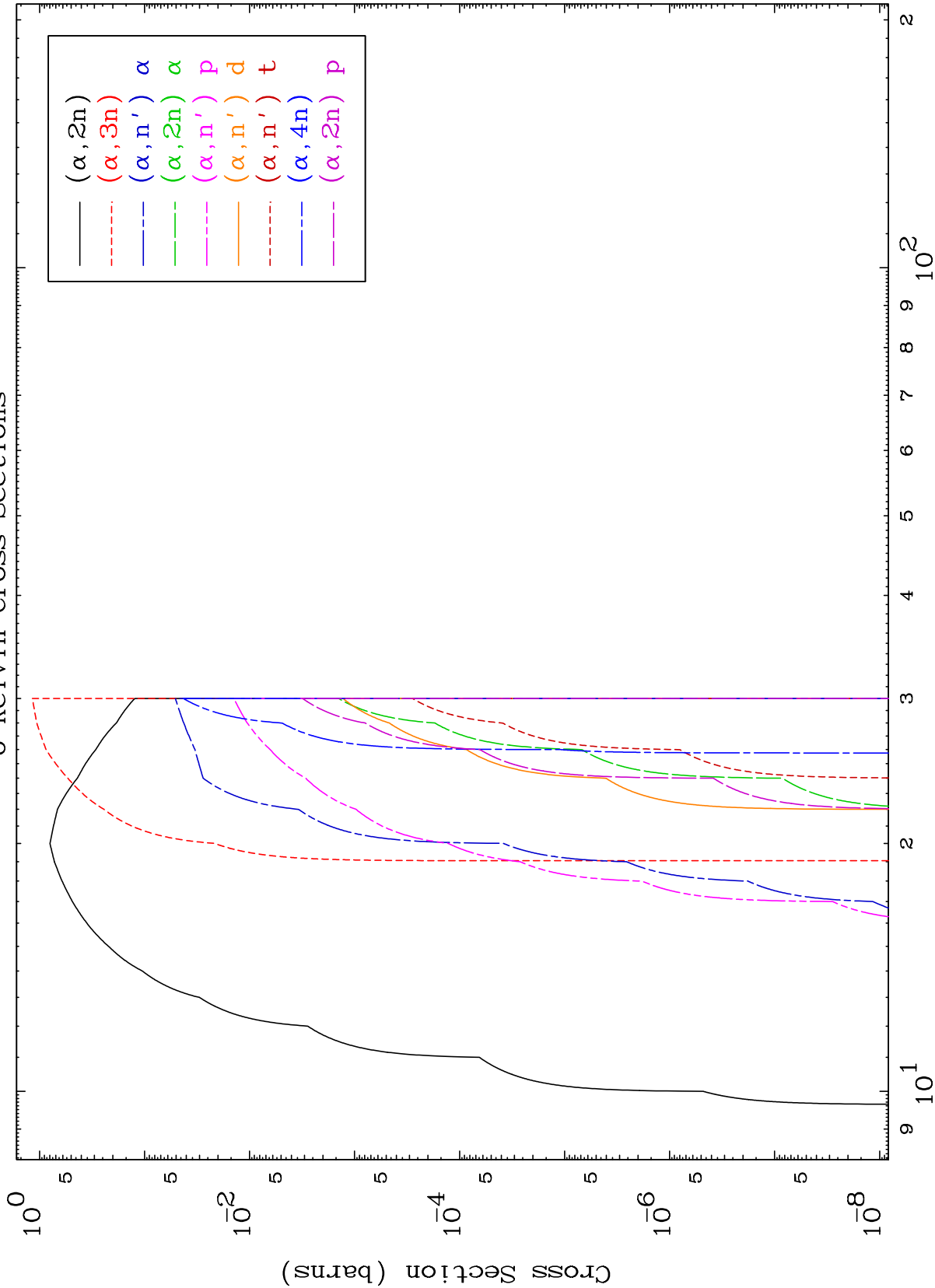
0 Kelvin Cross Sections



MAT 4861

α Neutron Production
0 Kelvin Cross Sections

48-Cd-118



2

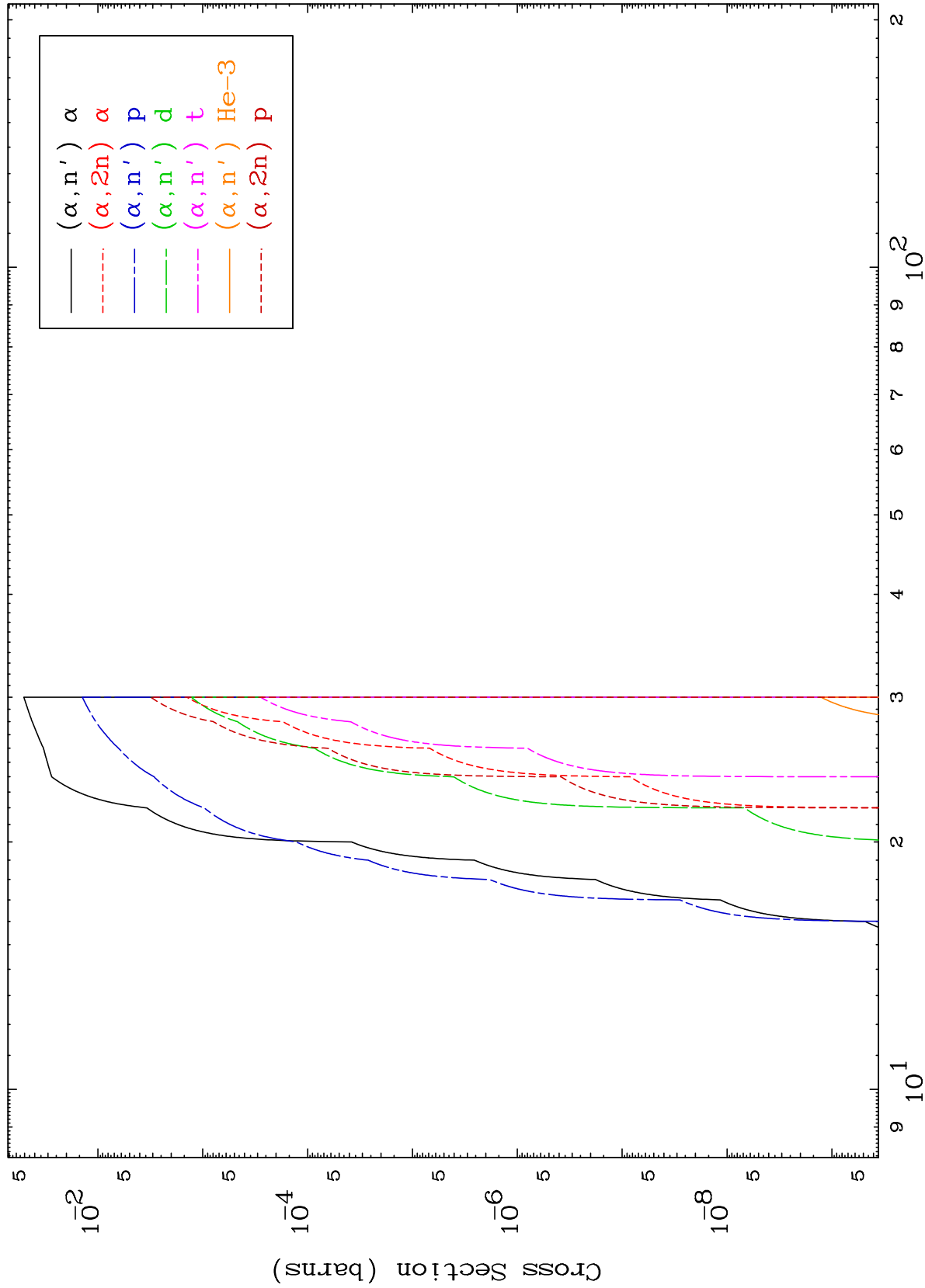
Incident Energy (MeV)

48-Cd-118

MAT 4861

α Charged Particle
0 Kelvin Cross Sections

48-Cd-118



3

Incident Energy (MeV)

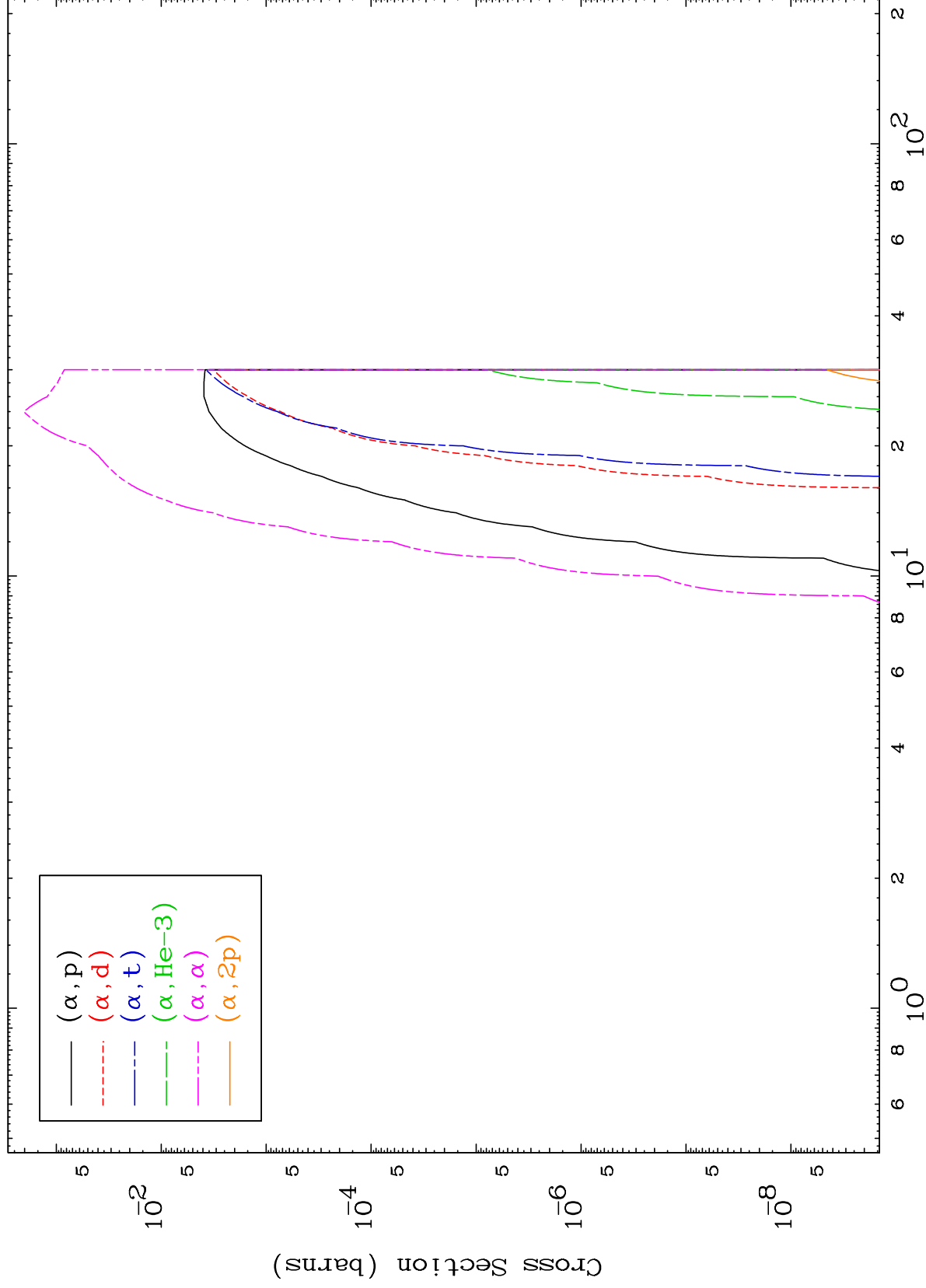
48-Cd-118

MAT 4861

α Charged Particle

48-Cd-118

0 Kelvin Cross Sections



4

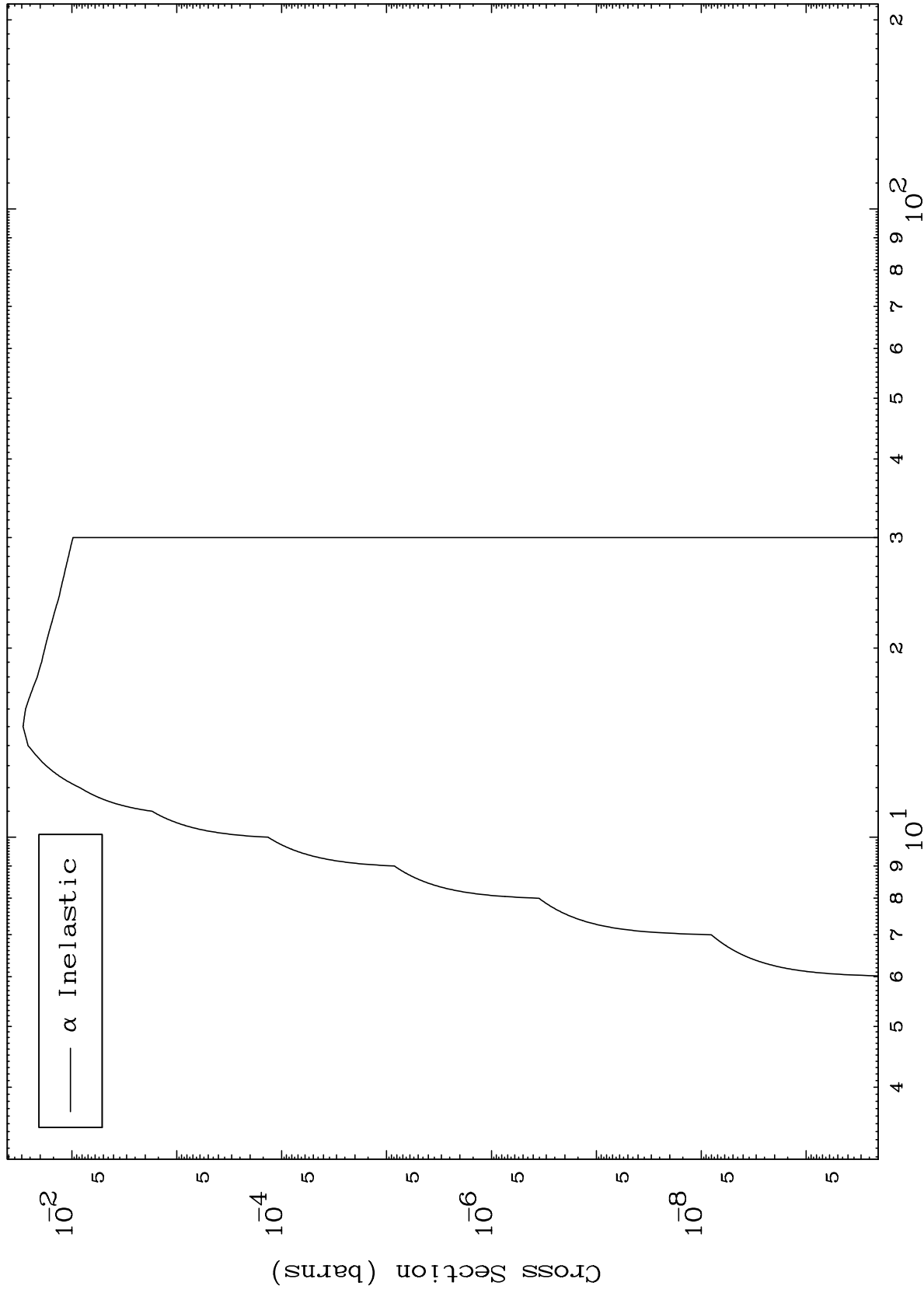
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

(α, n') Level
0 Kelvin Cross Sections



5

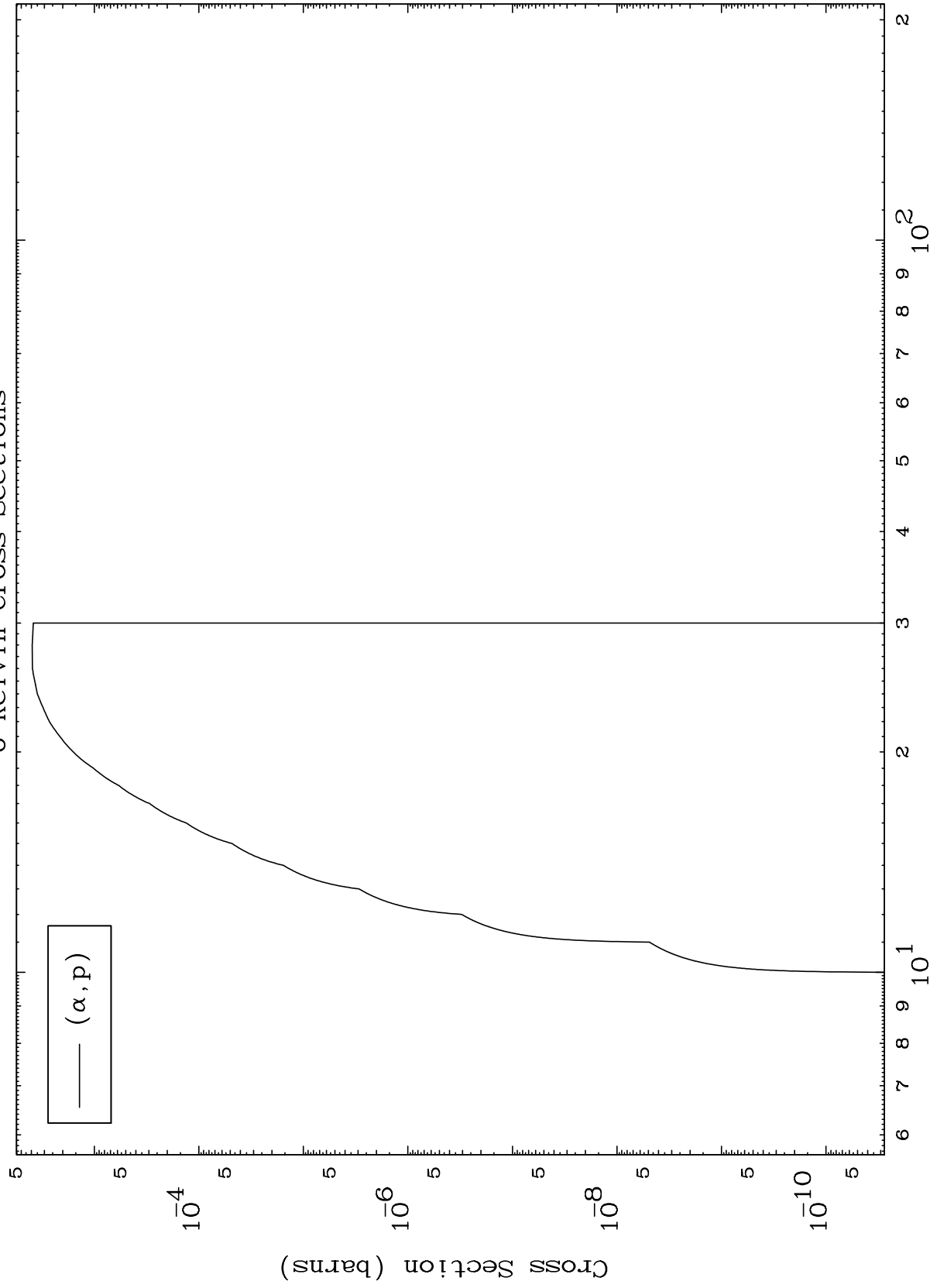
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

(α ,p) Levels
0 Kelvin Cross Sections



6

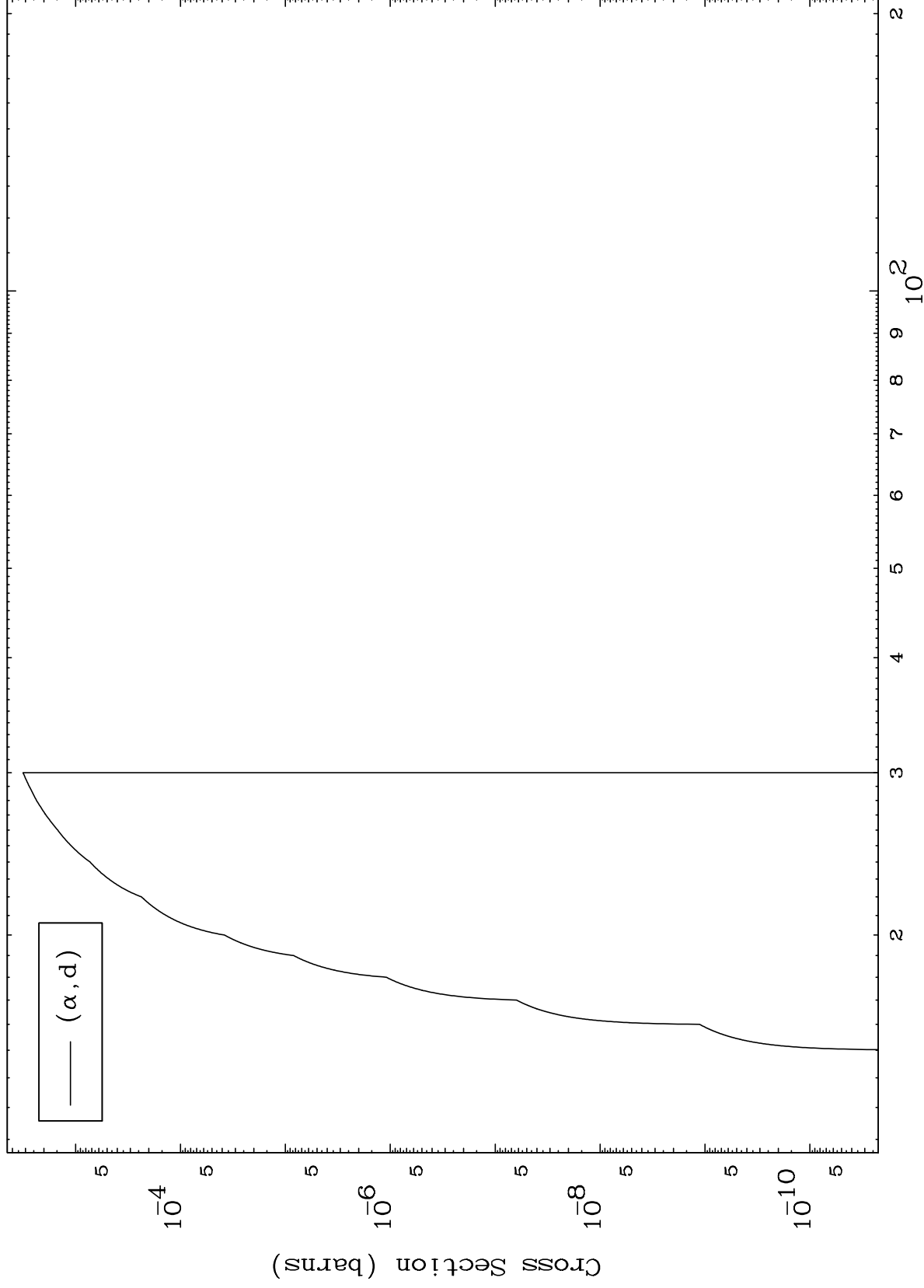
Incident Energy (MeV)

48-Cd-118

MAT 4861

(α ,d) Levels
0 Kelvin Cross Sections

48-Cd-118



7

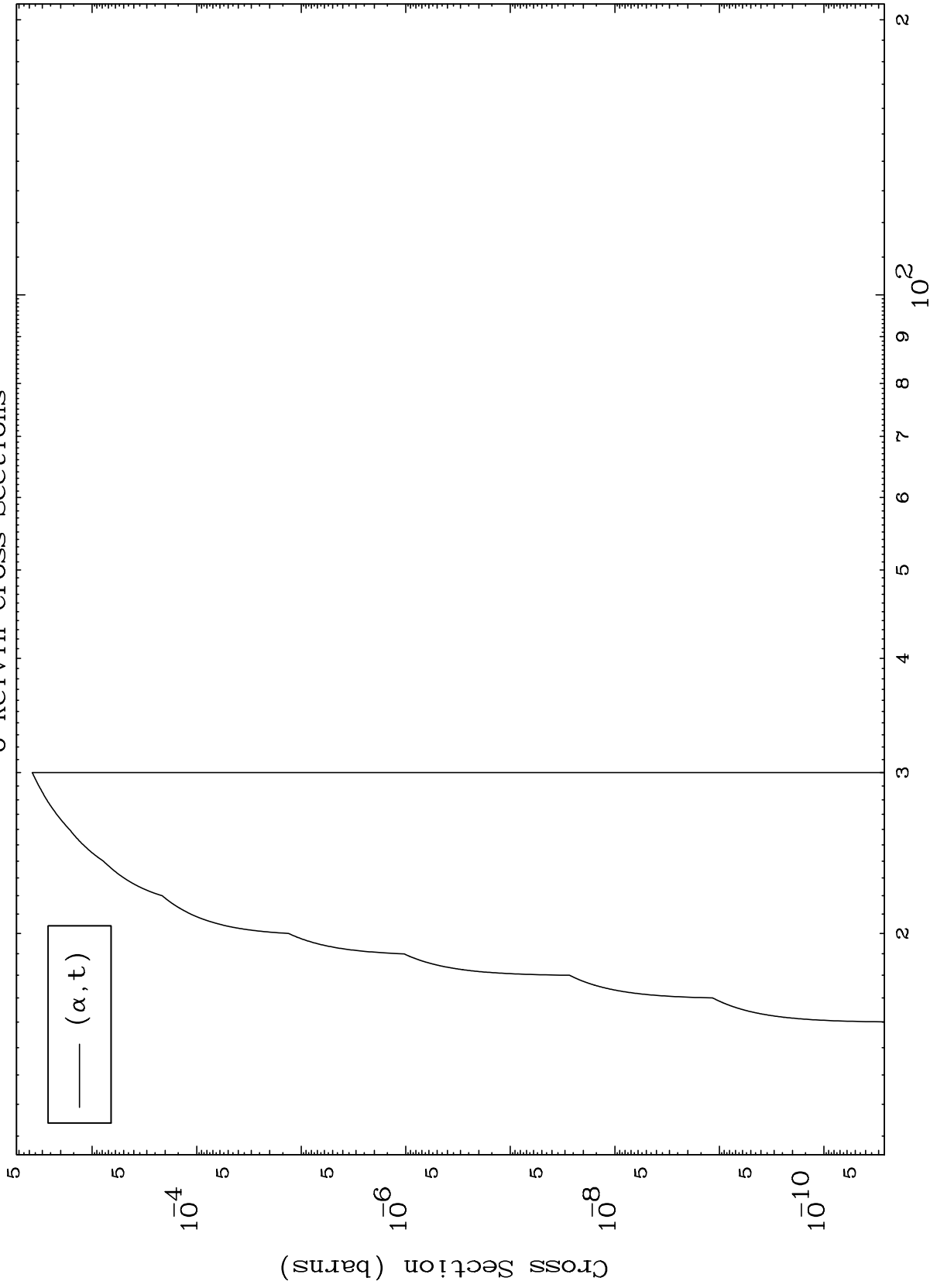
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

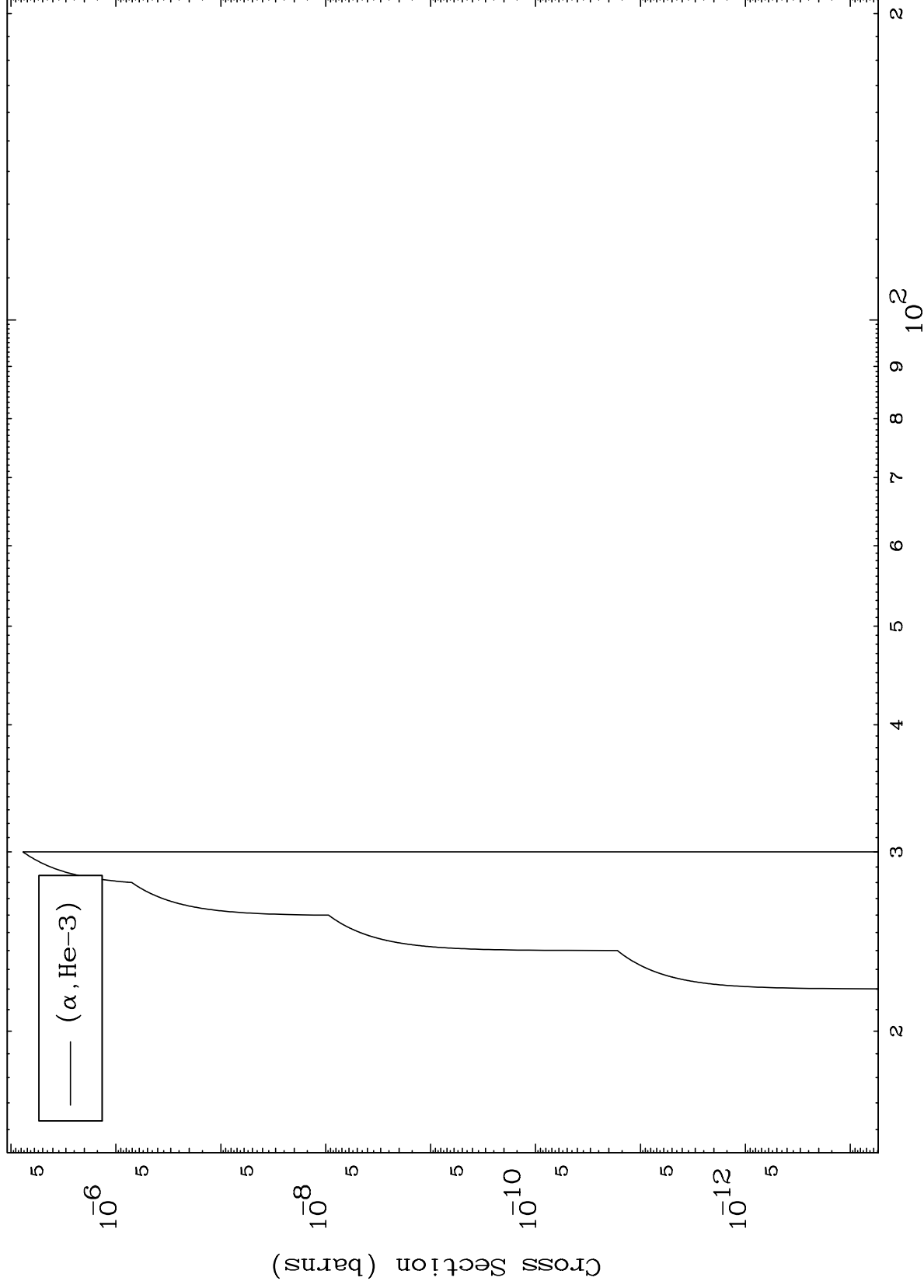
(α, t) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

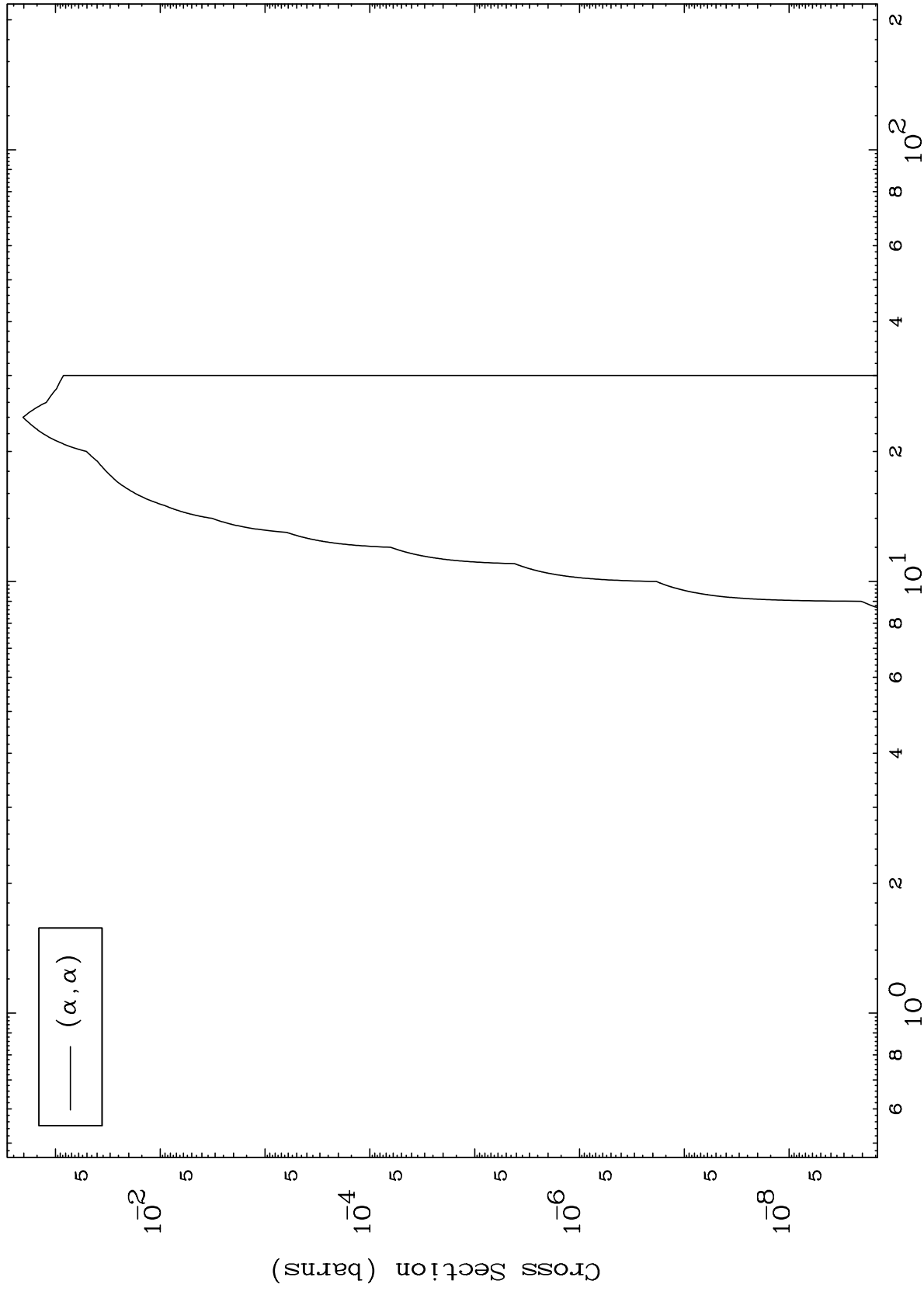
48-Cd-118



MAT 4861

48-Cd-118

(α, α) Levels
0 Kelvin Cross Sections



10

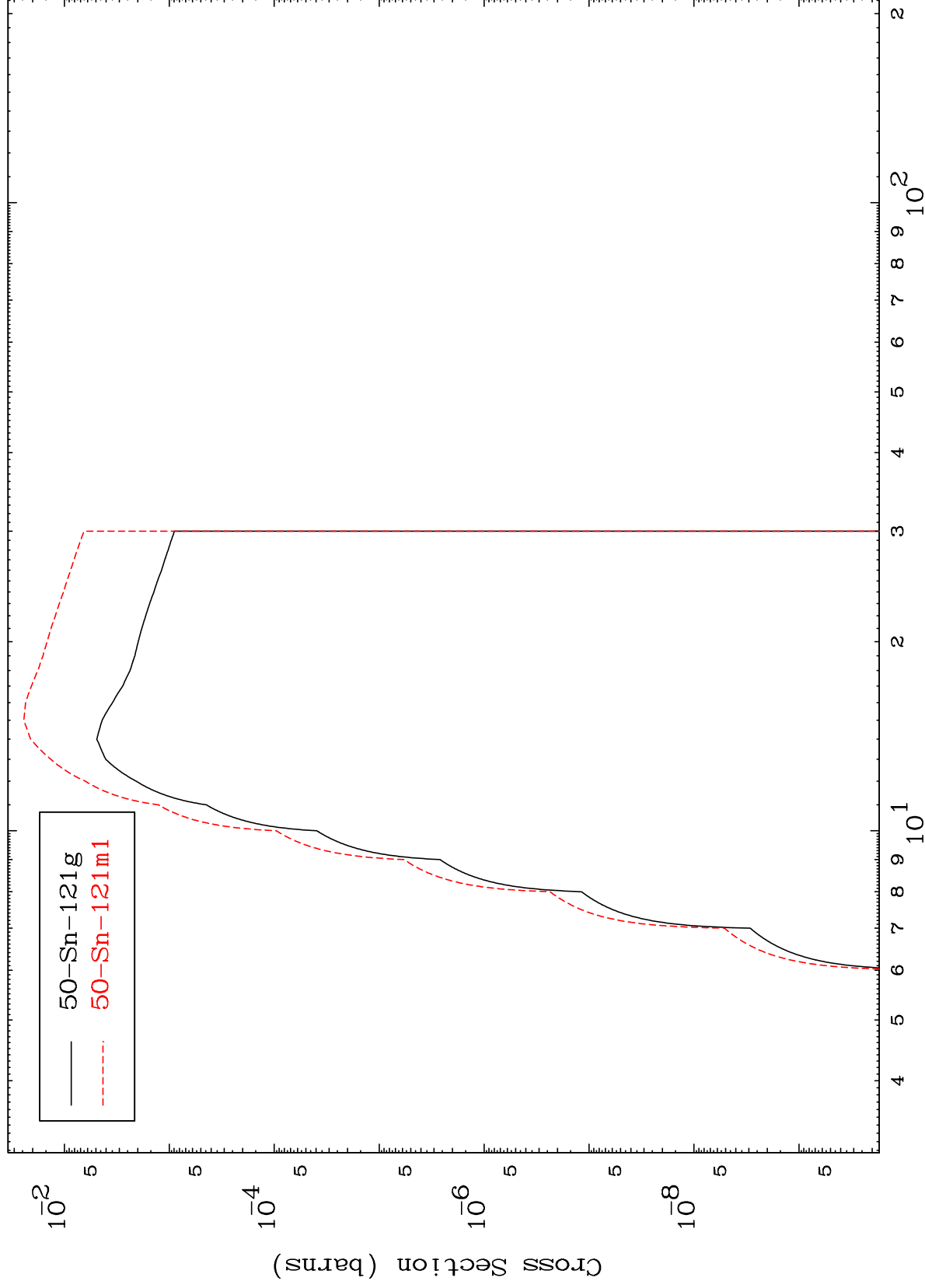
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

α Inelastic
Radionuclide Production Cross Section



11

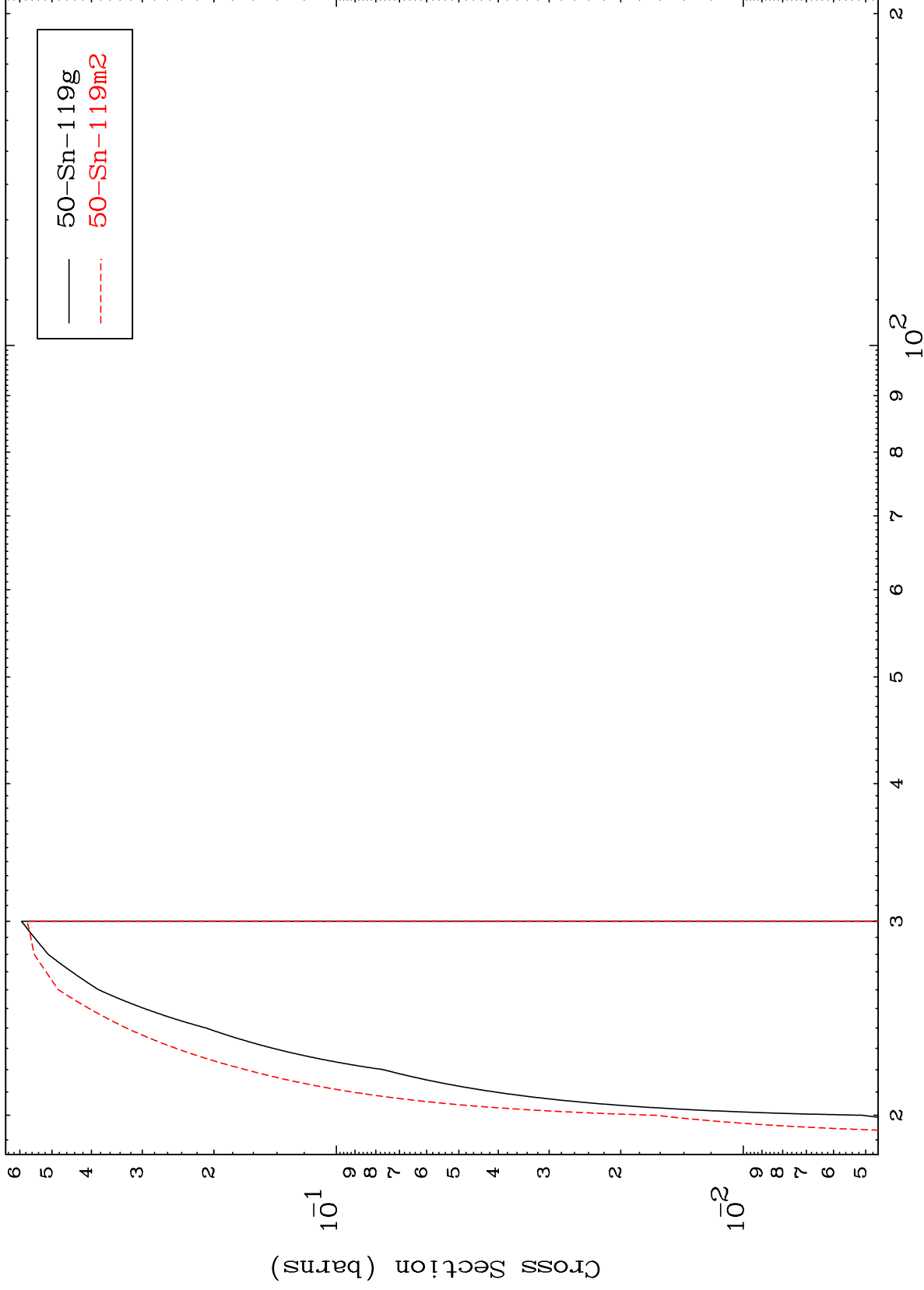
Incident Energy (MeV)

48-Cd-118

MAT 4861

Radionuclide Production Cross Section
($\alpha, 3n$)

48-Cd-118



12

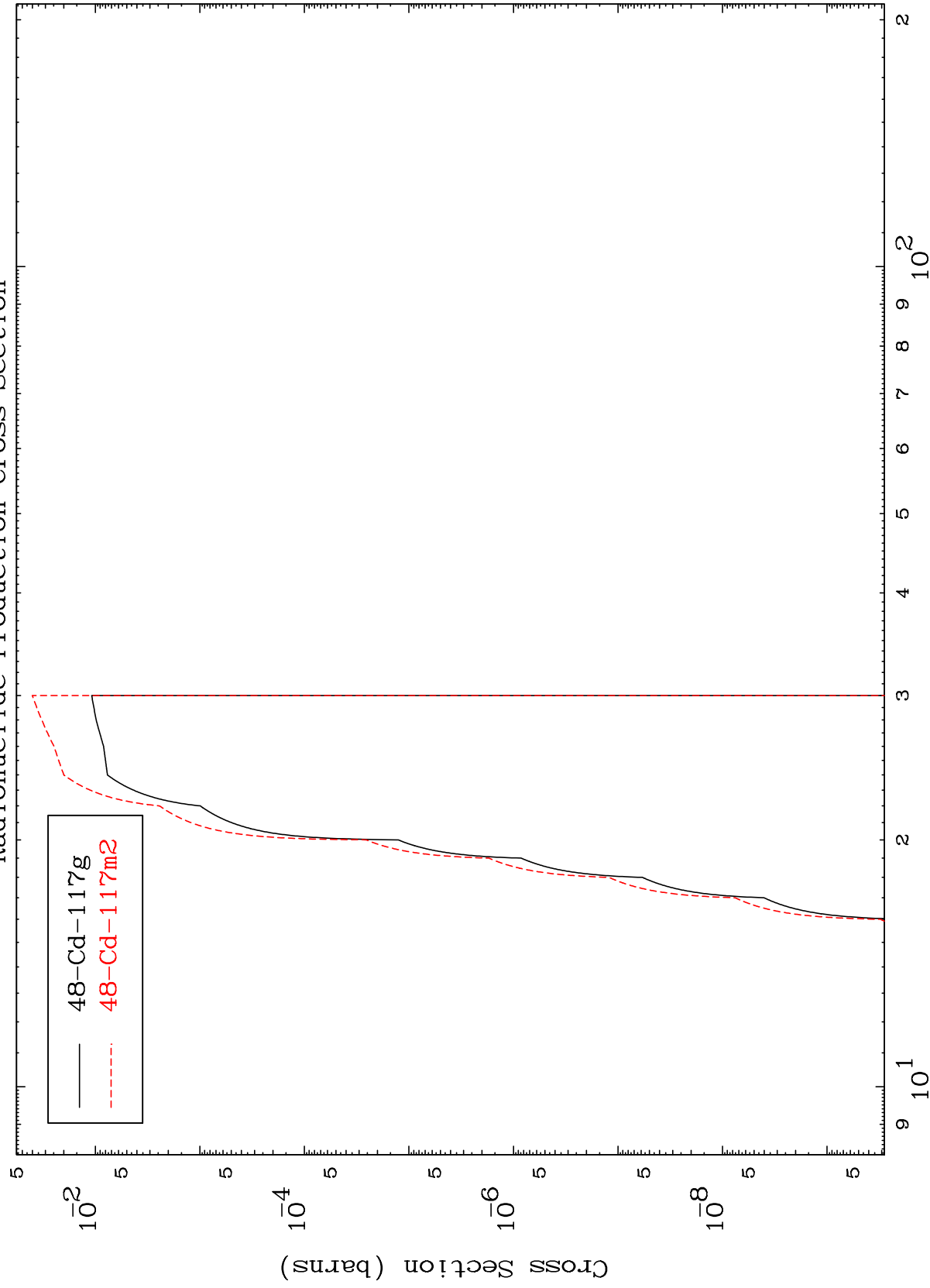
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

(α, n') α
Radionuclide Production Cross Section



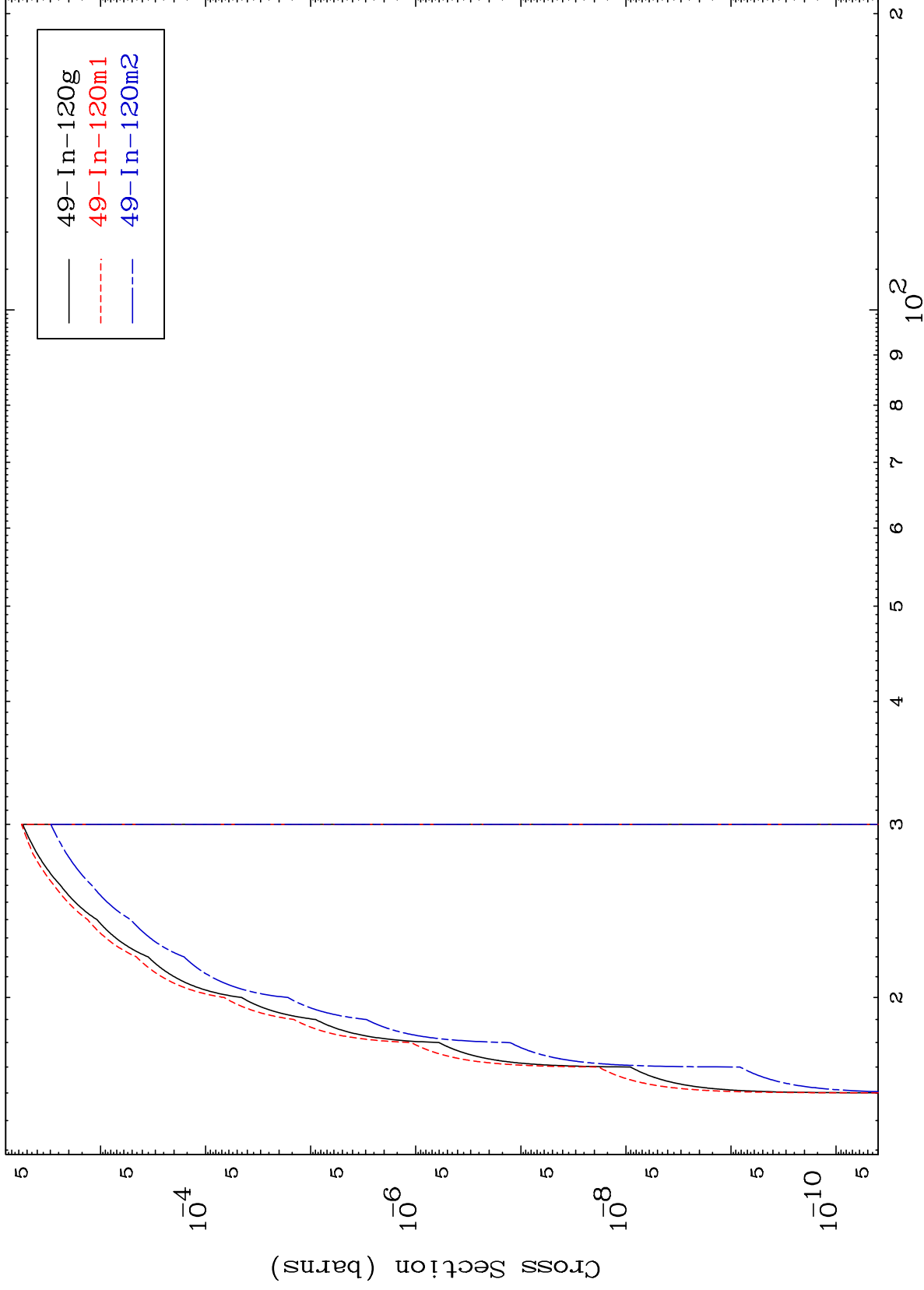
48-Cd-118

MAT 4861

(α, n') p

48-Cd-118

Radionuclide Production Cross Section



14

Incident Energy (MeV)

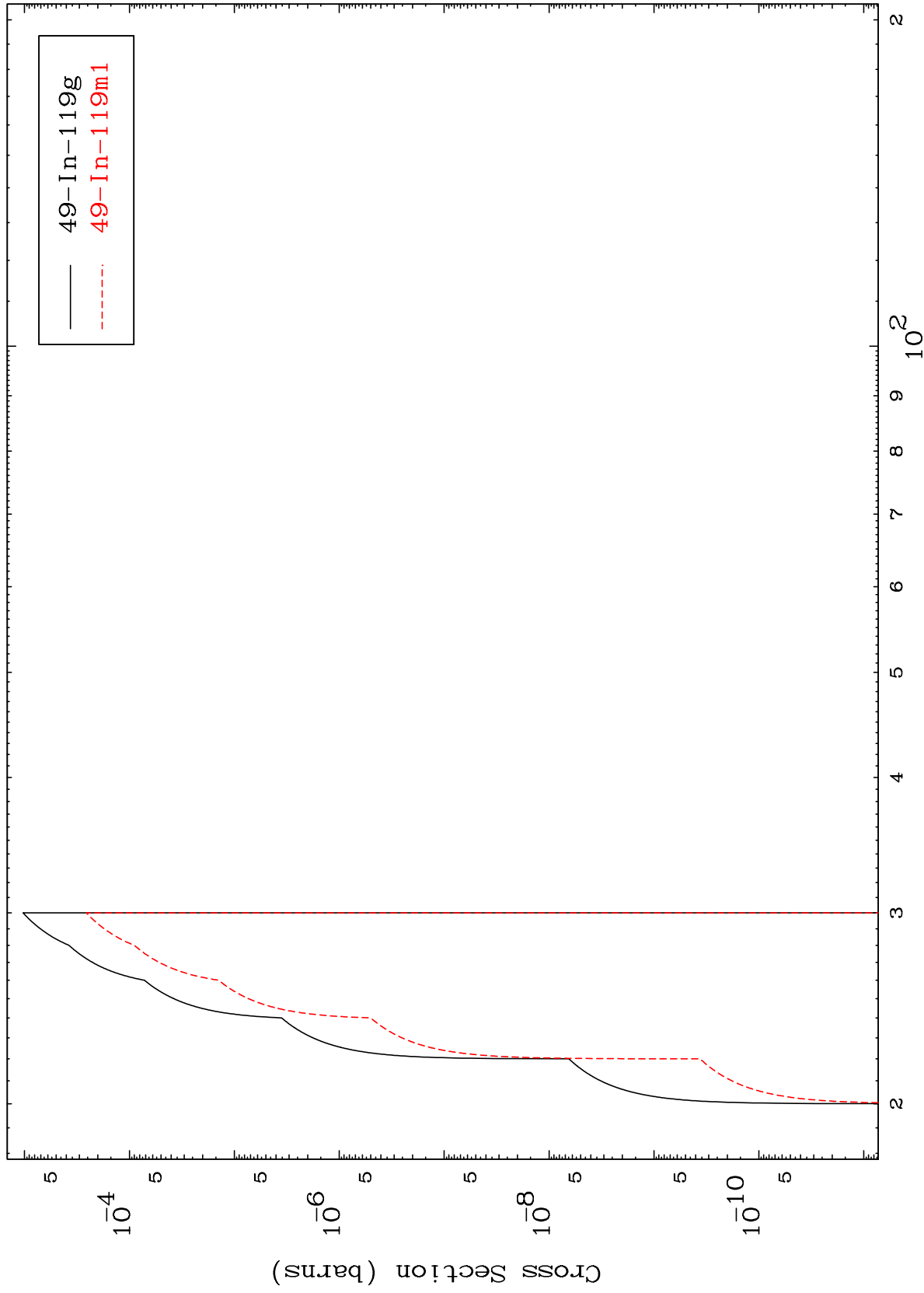
48-Cd-118

MAT 4861

(α, n') d

48-Cd-118

Radionuclide Production Cross Section



15

Incident Energy (MeV)

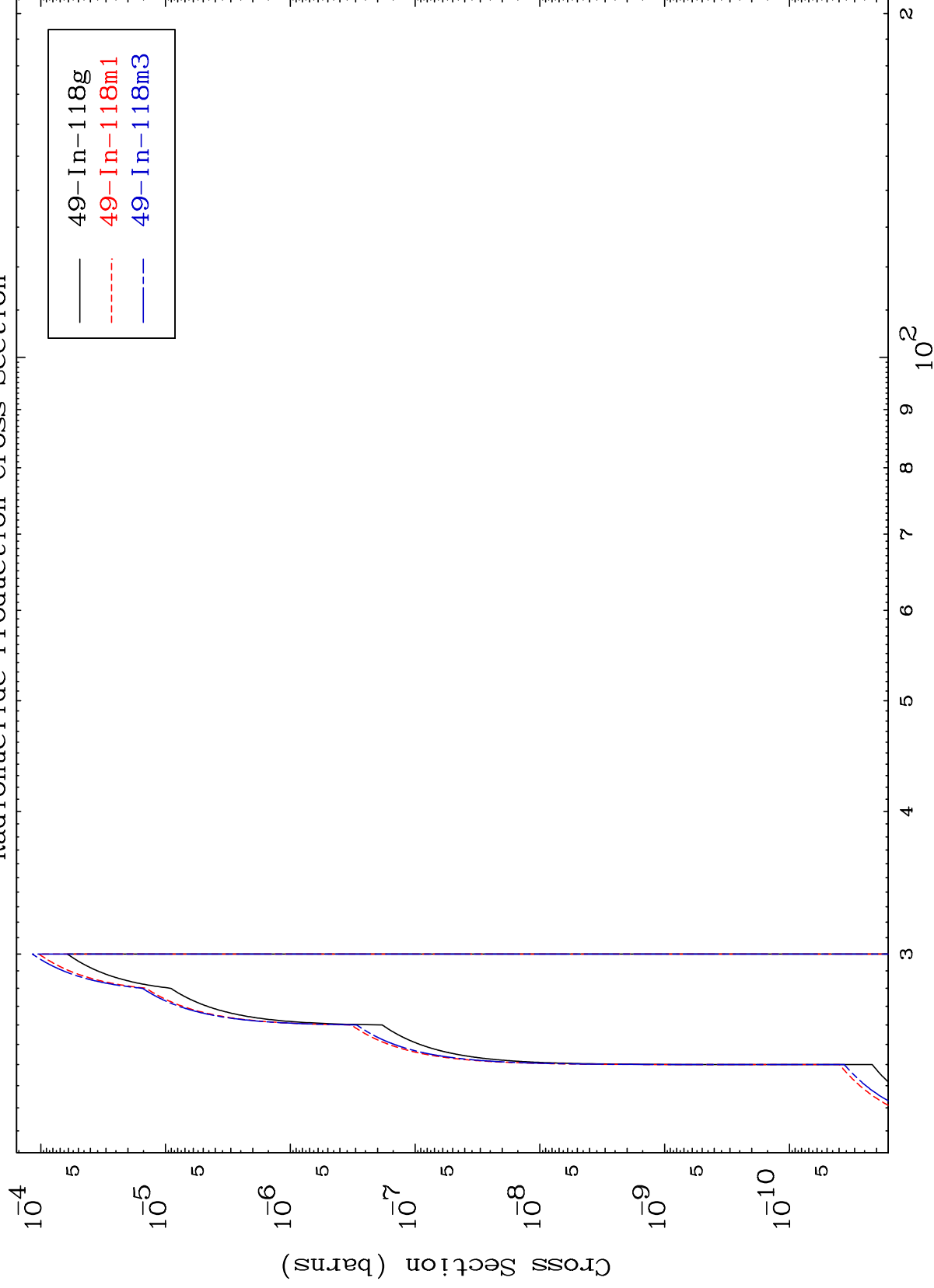
48-Cd-118

MAT 4861

(α, n') t

48-Cd-118

Radionuclide Production Cross Section



16

Incident Energy (MeV)

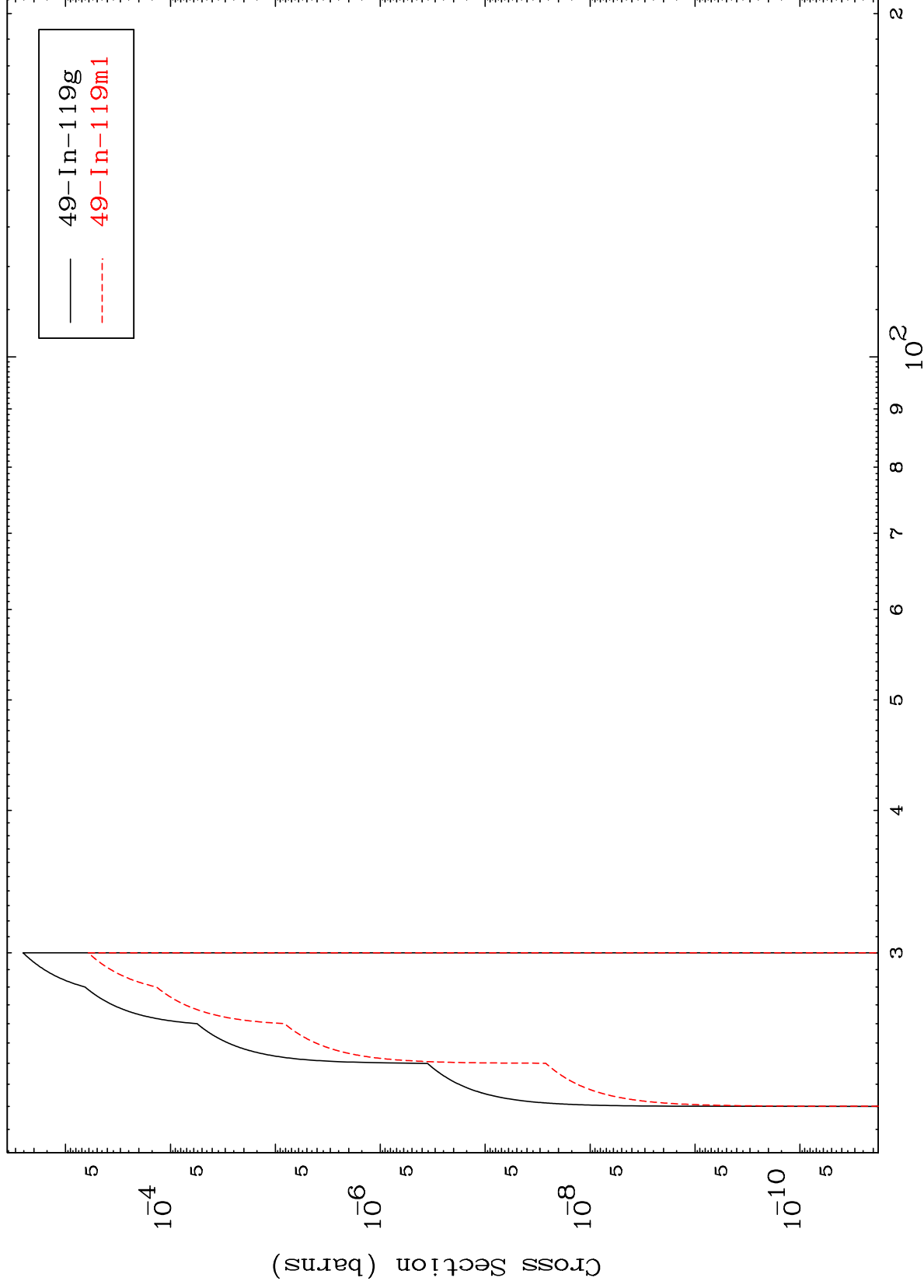
48-Cd-118

MAT 4861

$(\alpha, 2n)$ p

48-Cd-118

Radionuclide Production Cross Section



17

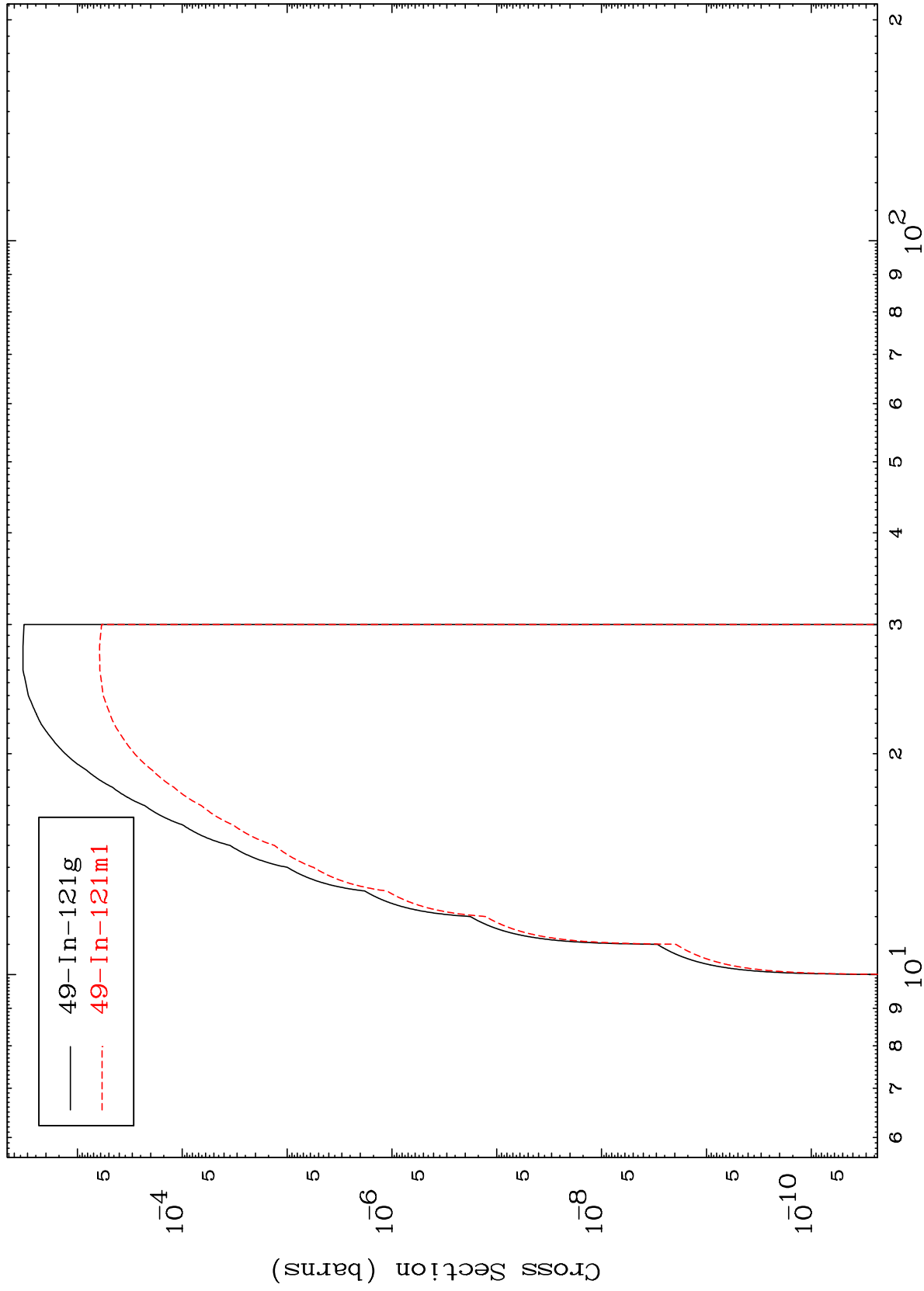
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

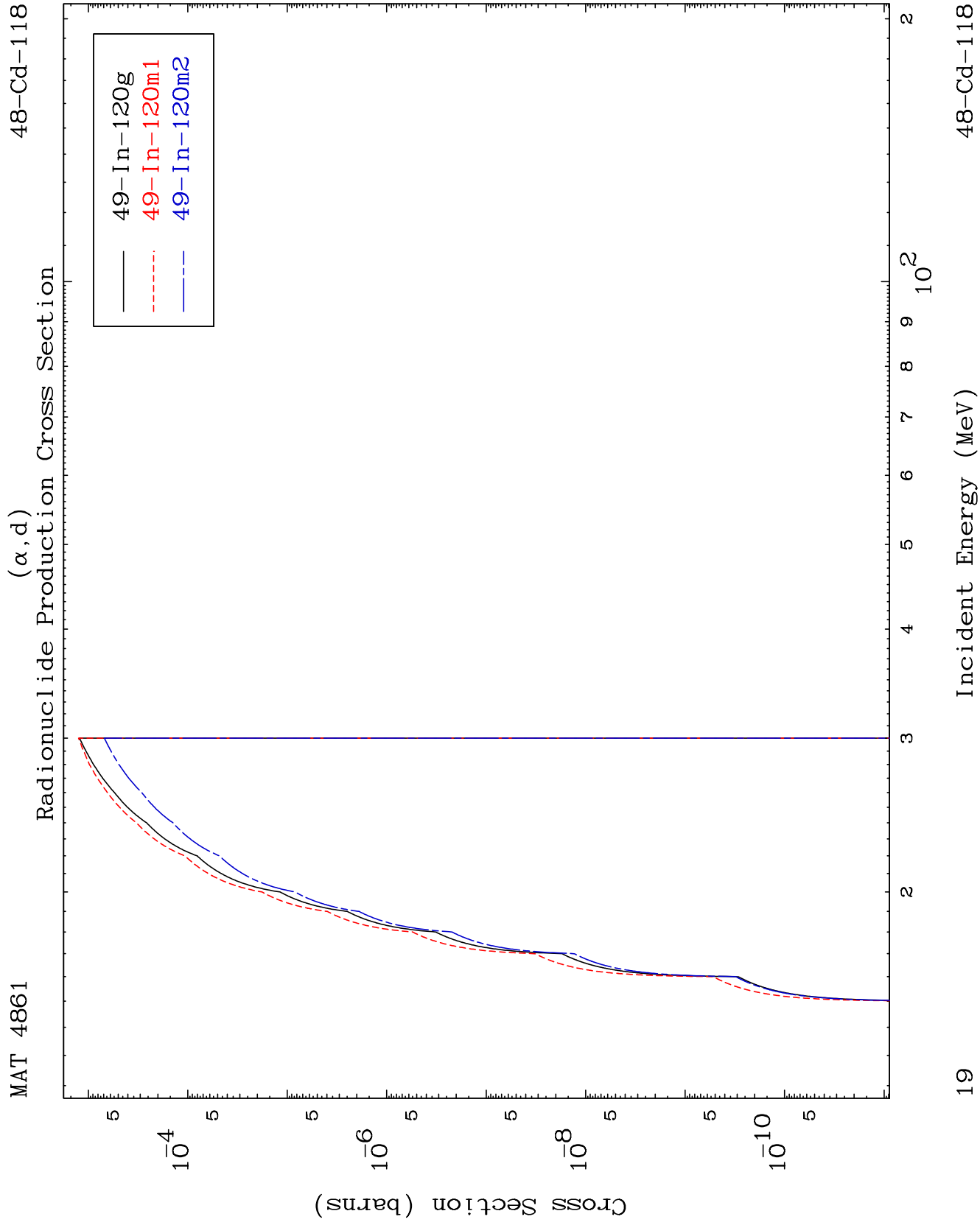
(α ,p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

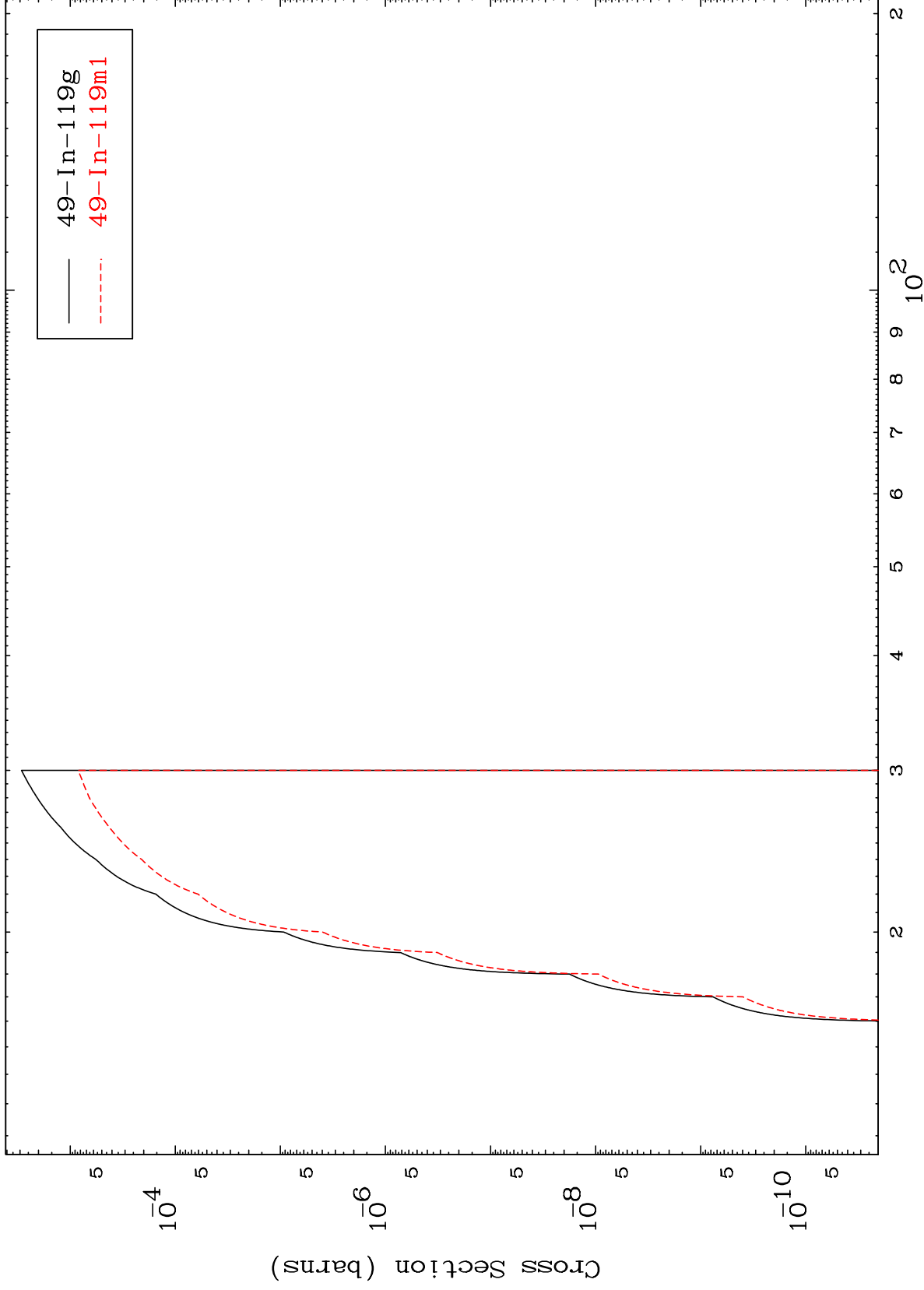
48-Cd-118



MAT 4861

(α, t)
Radionuclide Production Cross Section

48-Cd-118



20

Incident Energy (MeV)

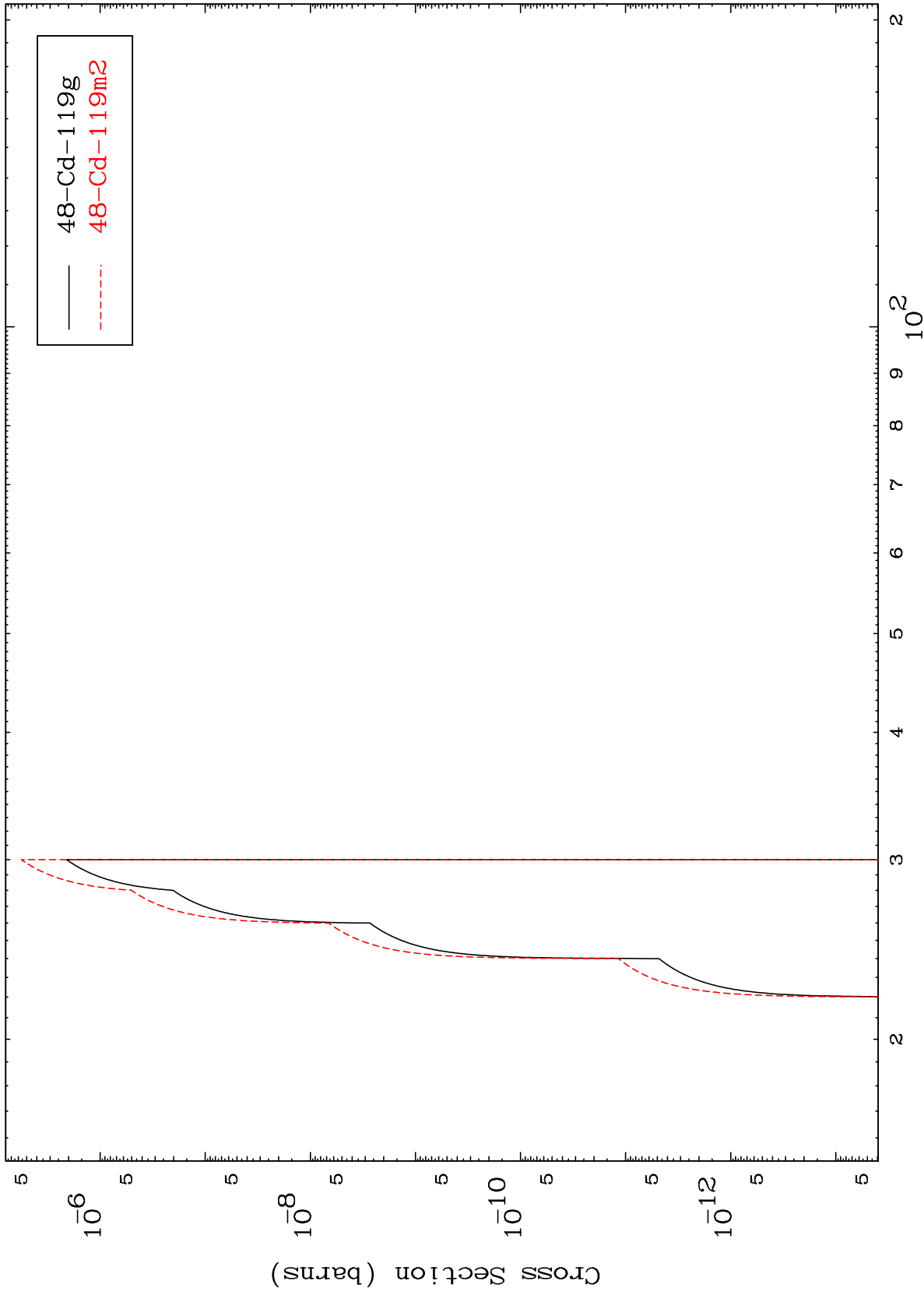
48-Cd-118

MAT 4861

(α ,He-3)

48-Cd-118

Radionuclide Production Cross Section



21

Incident Energy (MeV)

48-Cd-118