

Program EVALPLOT
(Version 2018-1)

by

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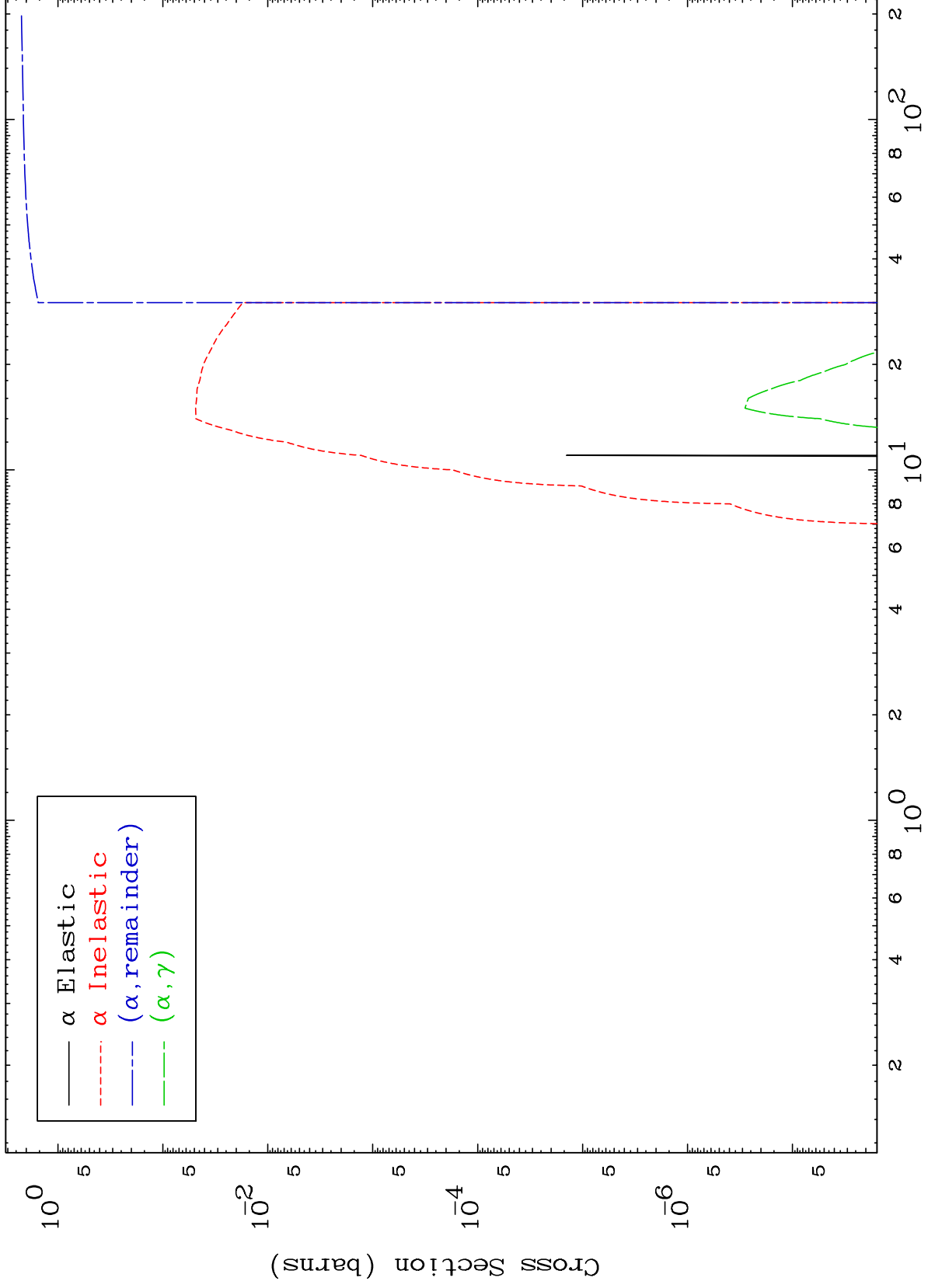
Press Mouse Button to Start

MAT 4871

α Major

48-Cd-121

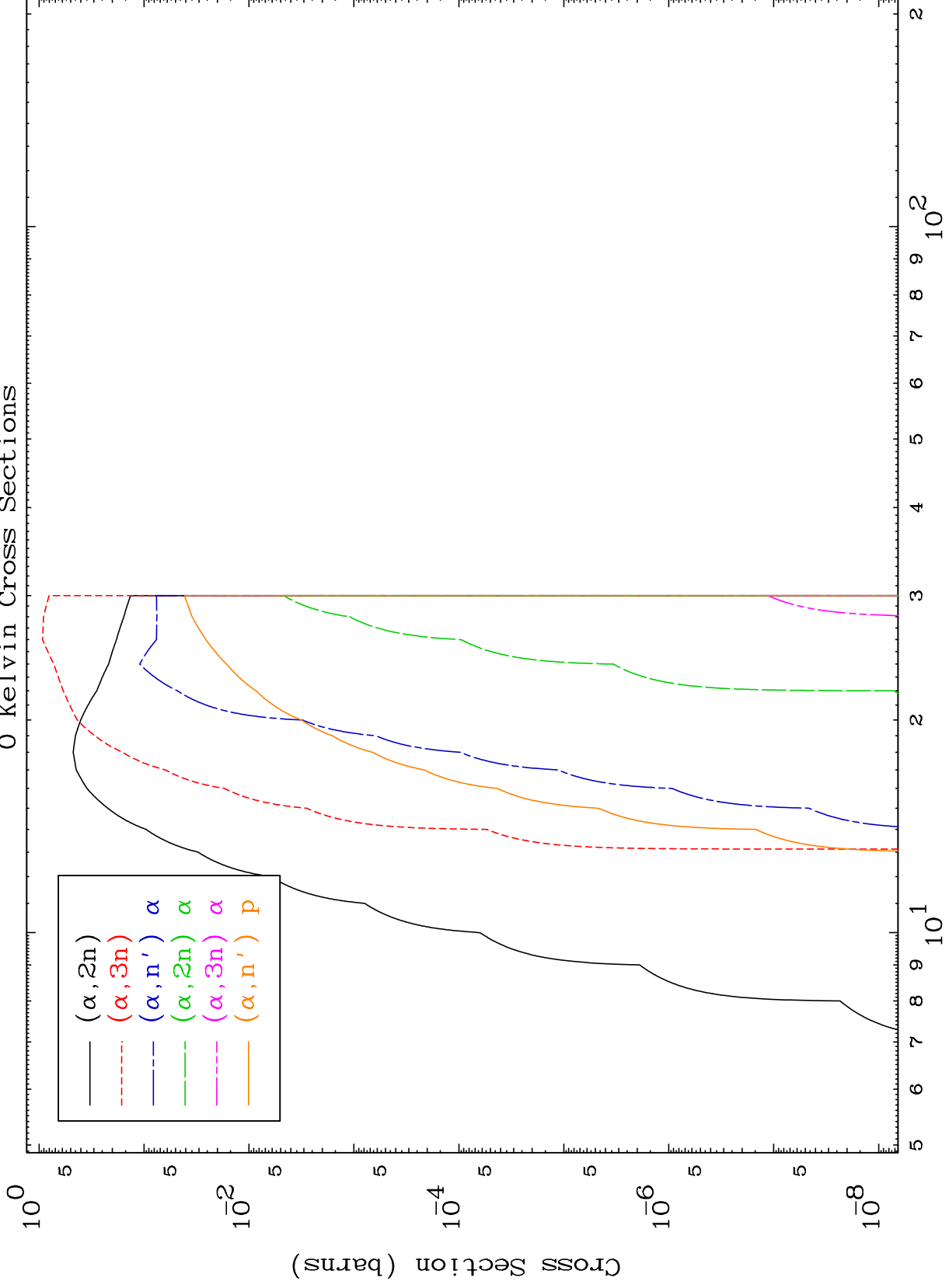
0 Kelvin Cross Sections



MAT 4871

α Neutron Production
0 Kelvin Cross Sections

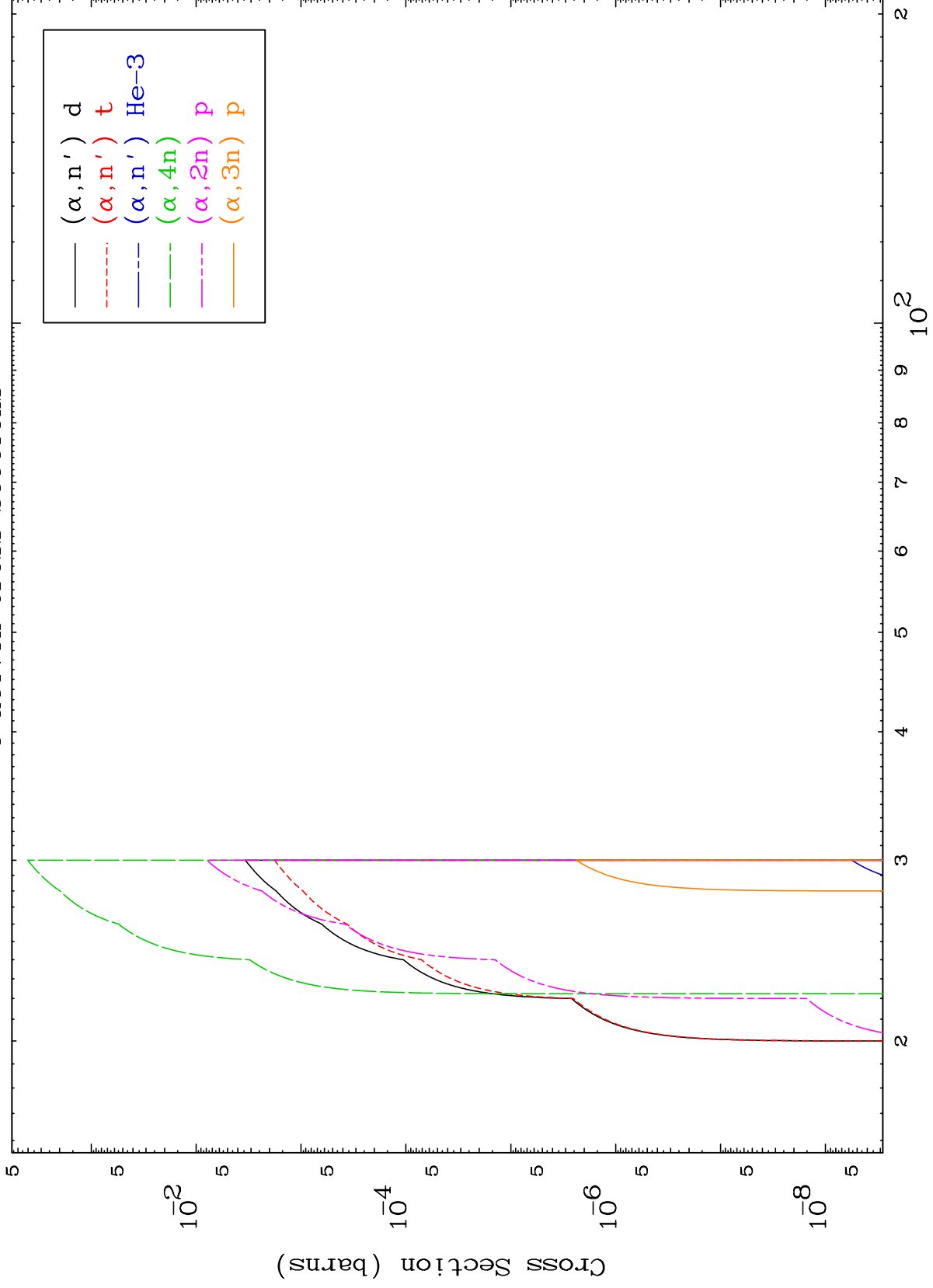
48-Cd-121



2

Incident Energy (MeV)

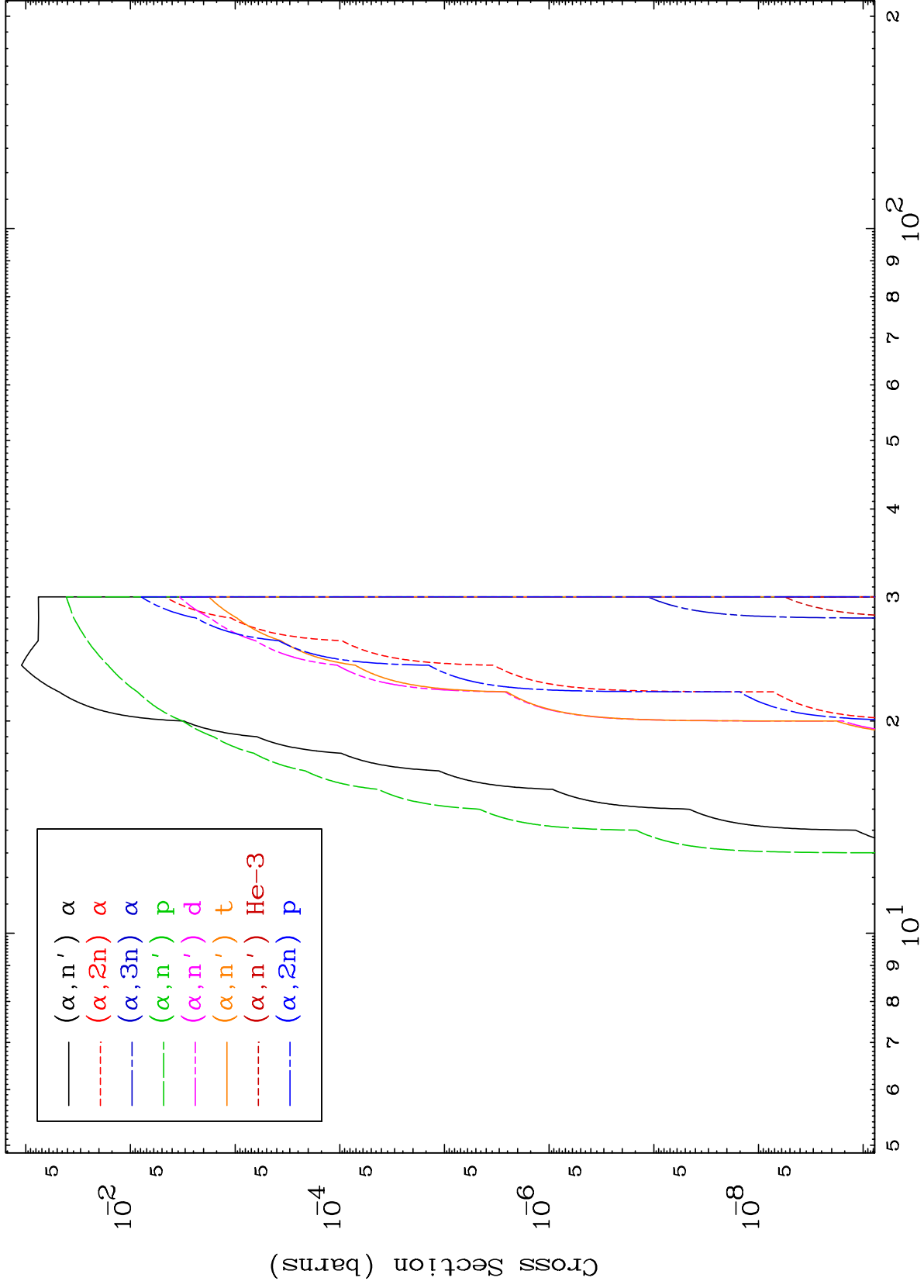
48-Cd-121



MAT 4871

α Charged Particle
0 Kelvin Cross Sections

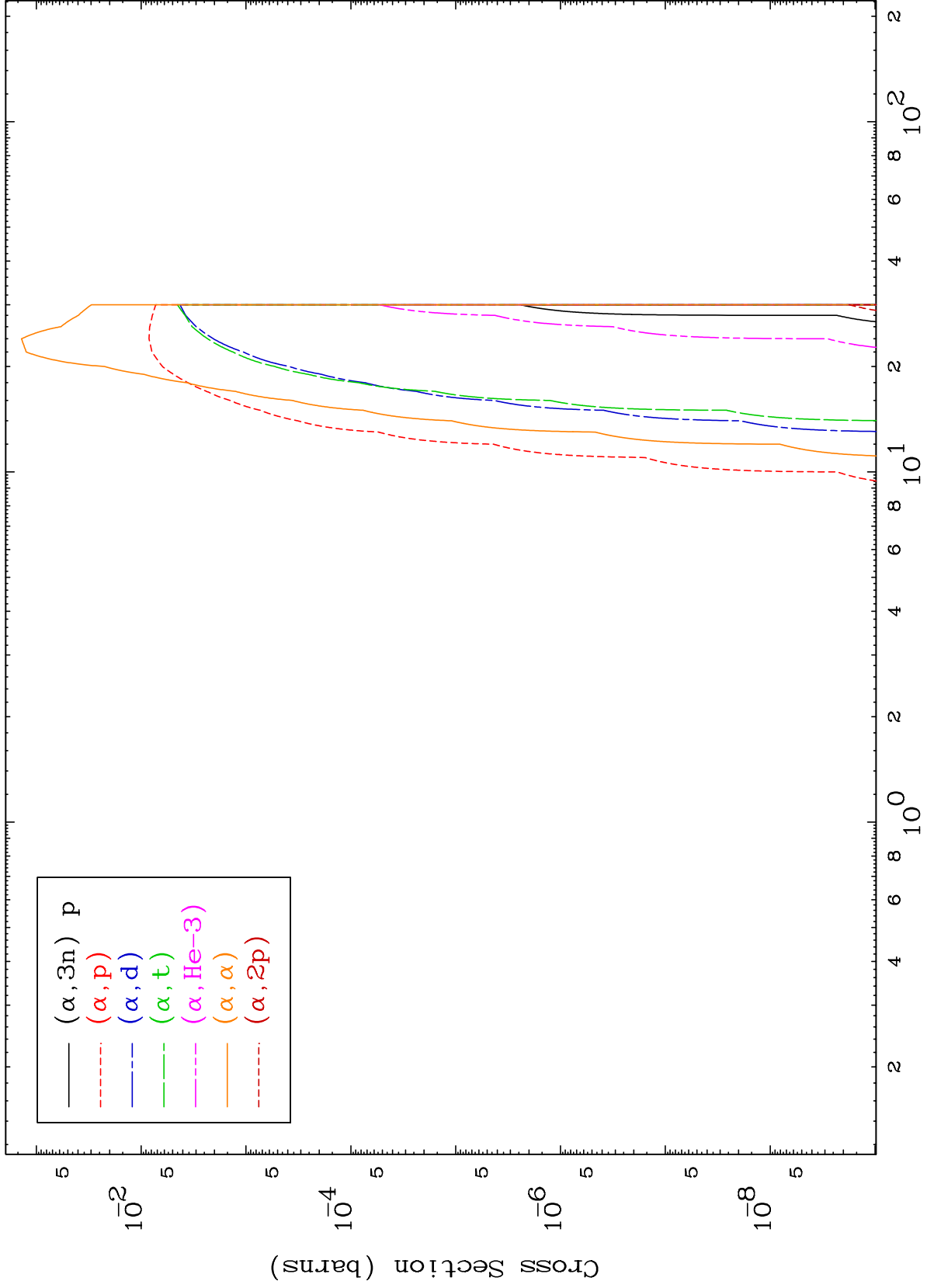
48-Cd-121



4

Incident Energy (MeV)

48-Cd-121

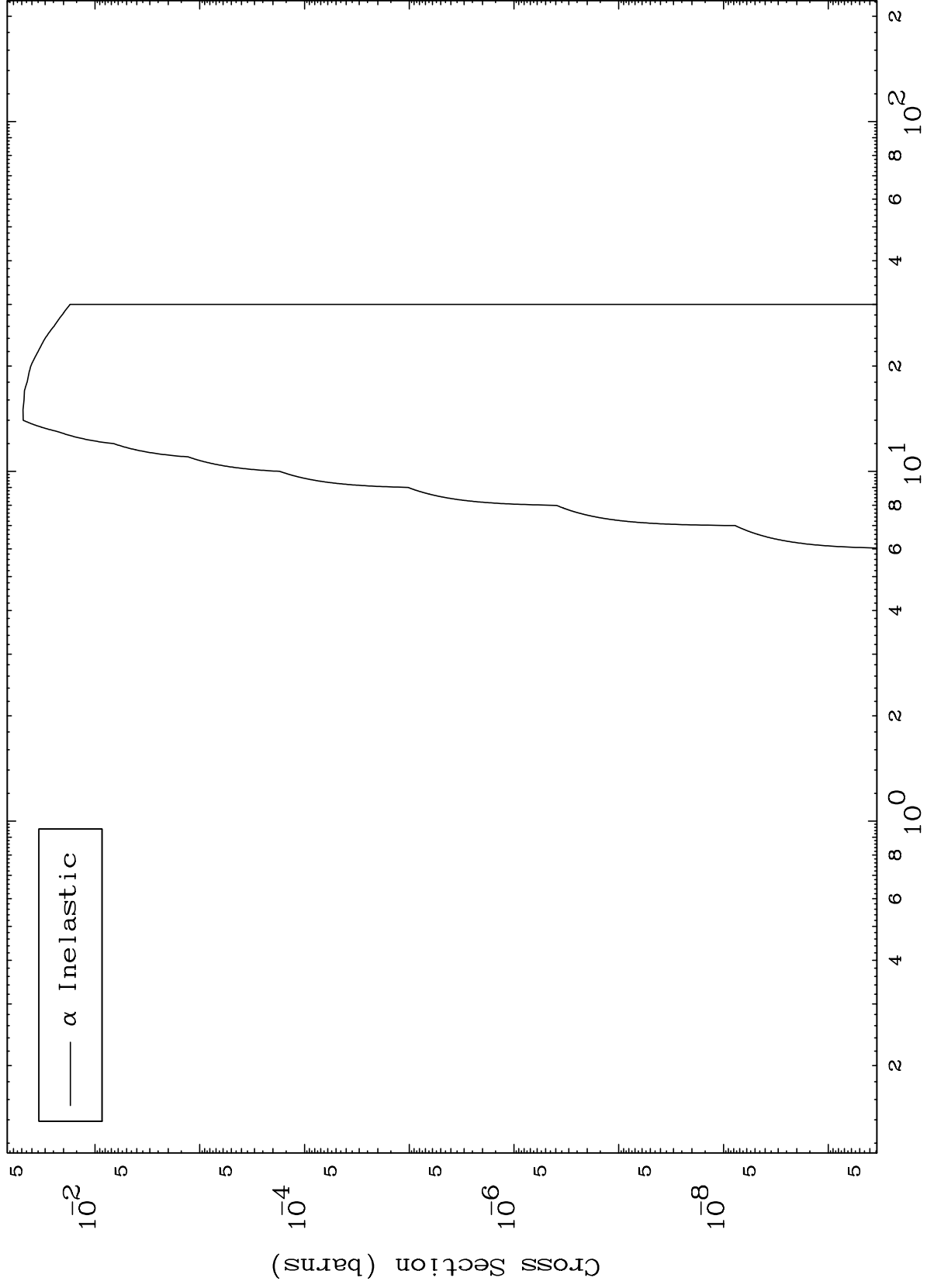


MAT 4871

(α, n') Level

48-Cd-121

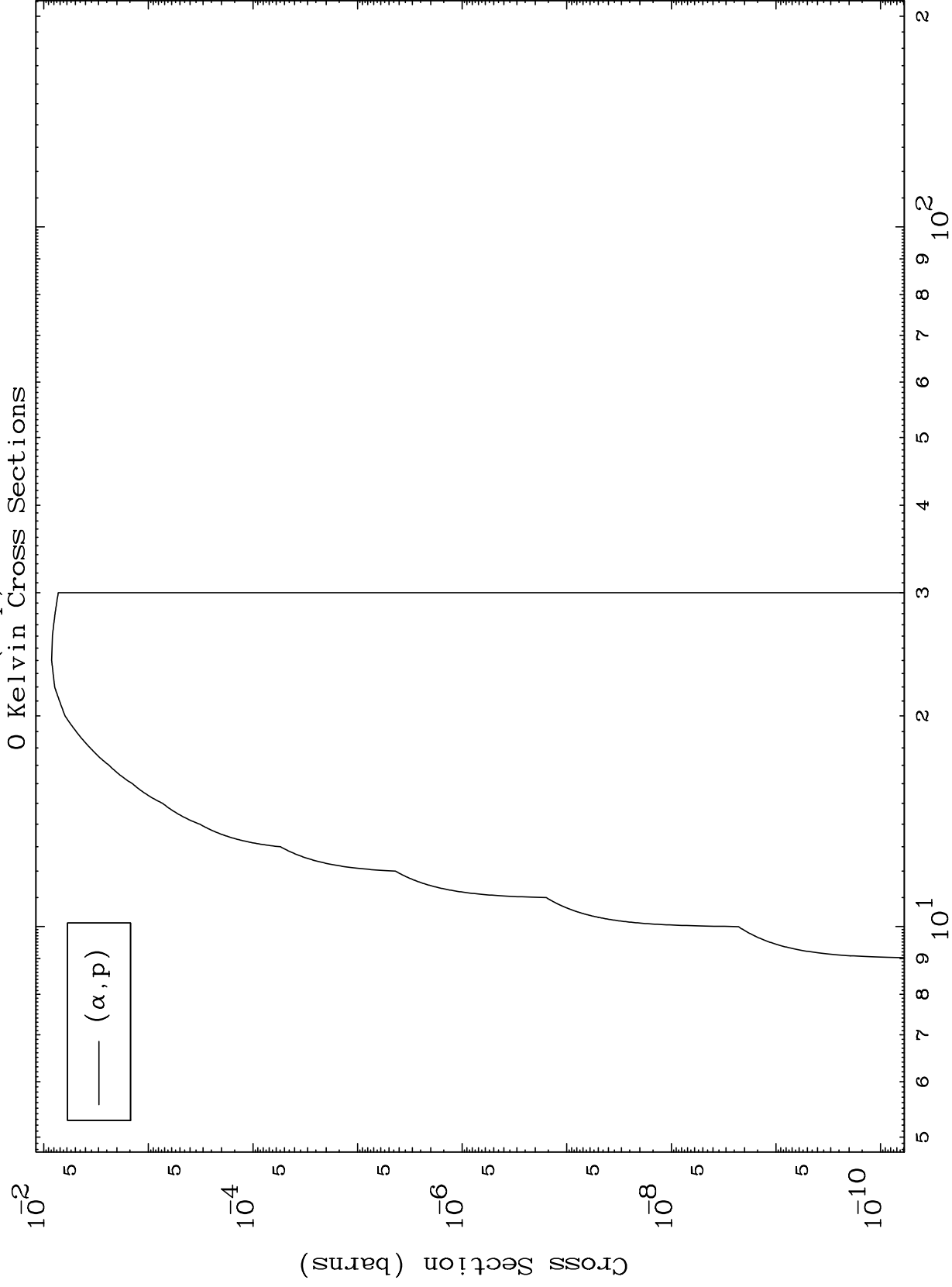
0 Kelvin Cross Sections



MAT 4871

(α, p) Levels

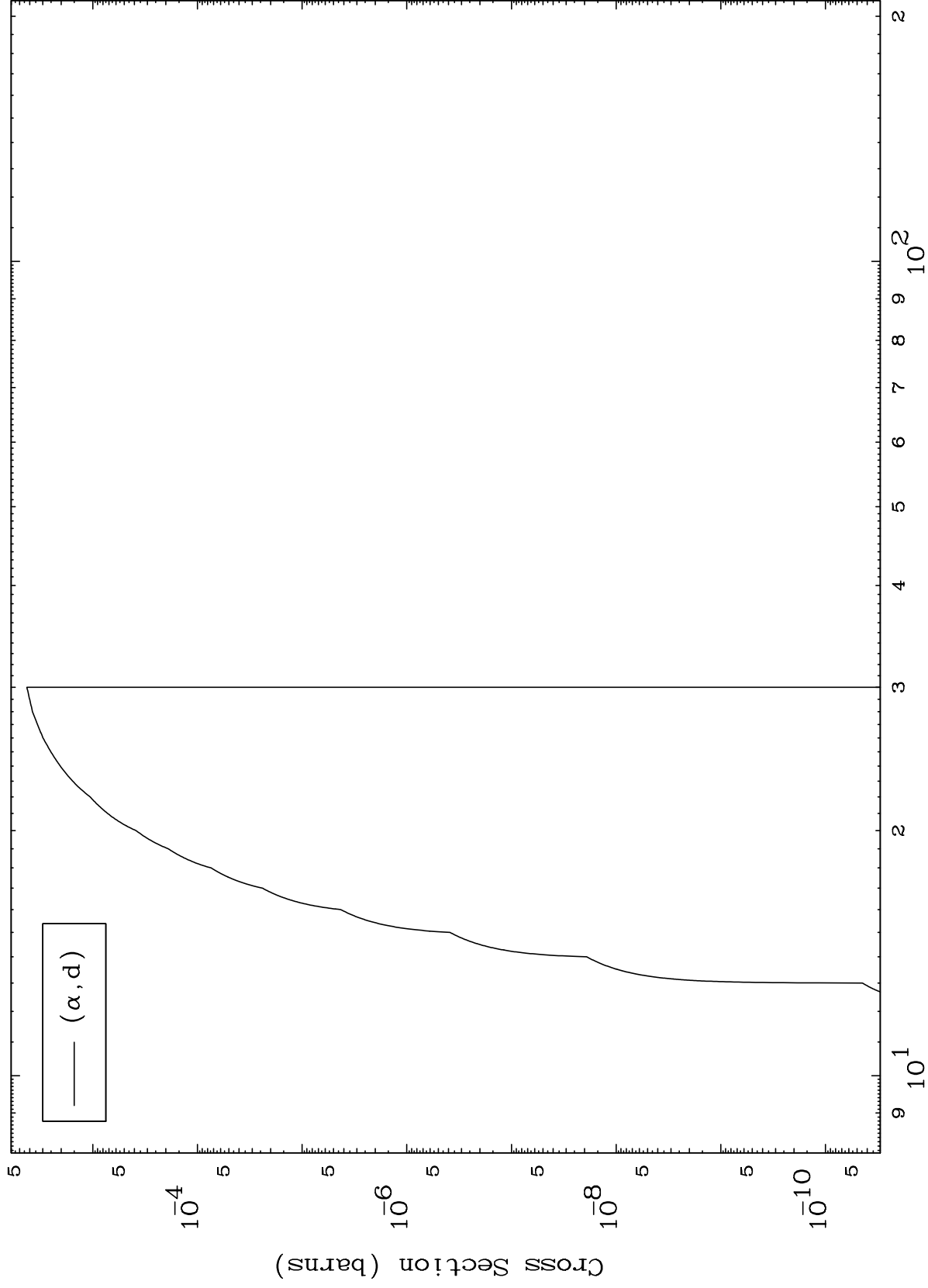
48-Cd-121



MAT 4871

48-Cd-121

(α, d) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

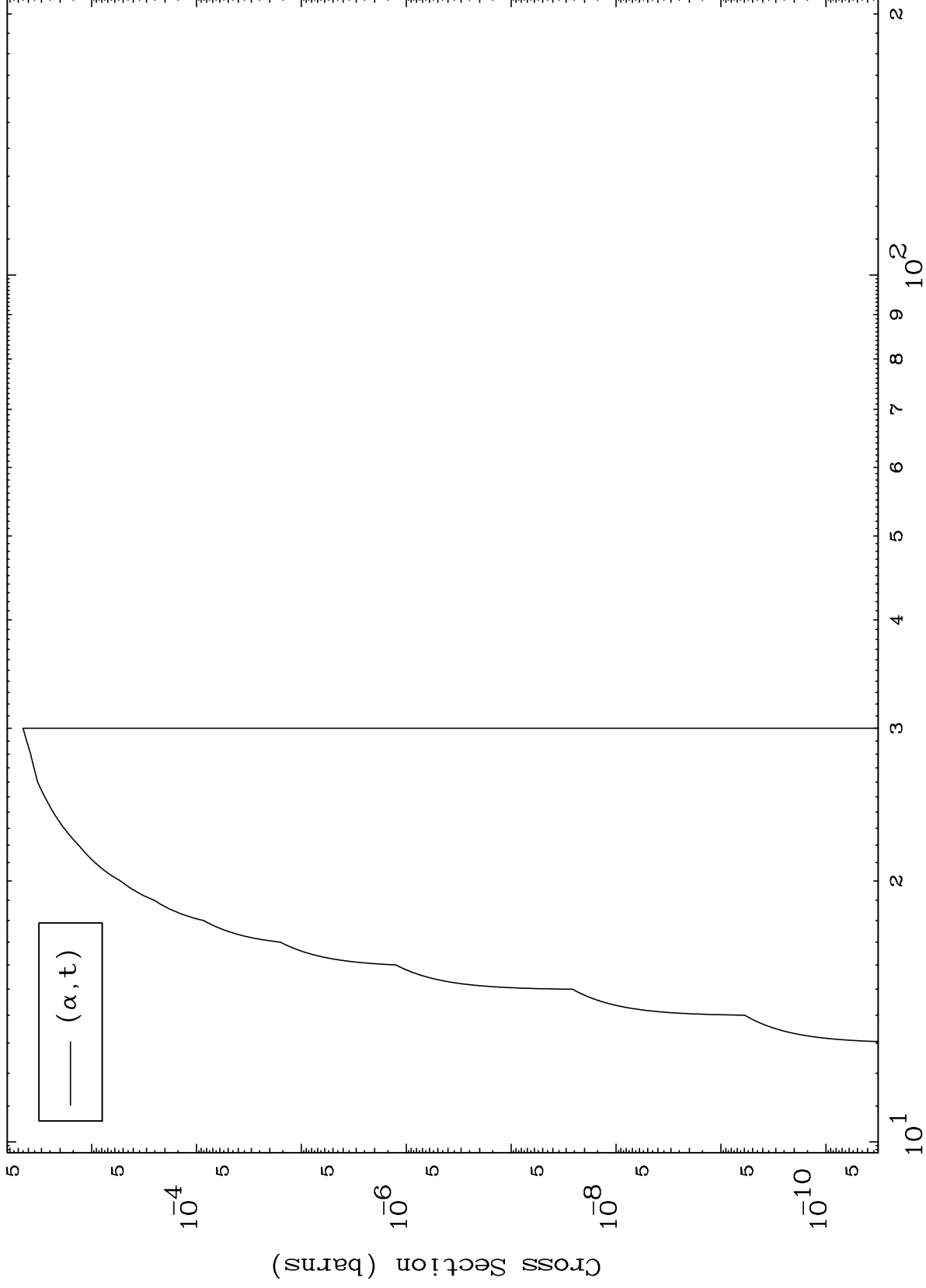
48-Cd-121

MAT 4871

(α, t) Levels

48-Cd-121

0 Kelvin Cross Sections



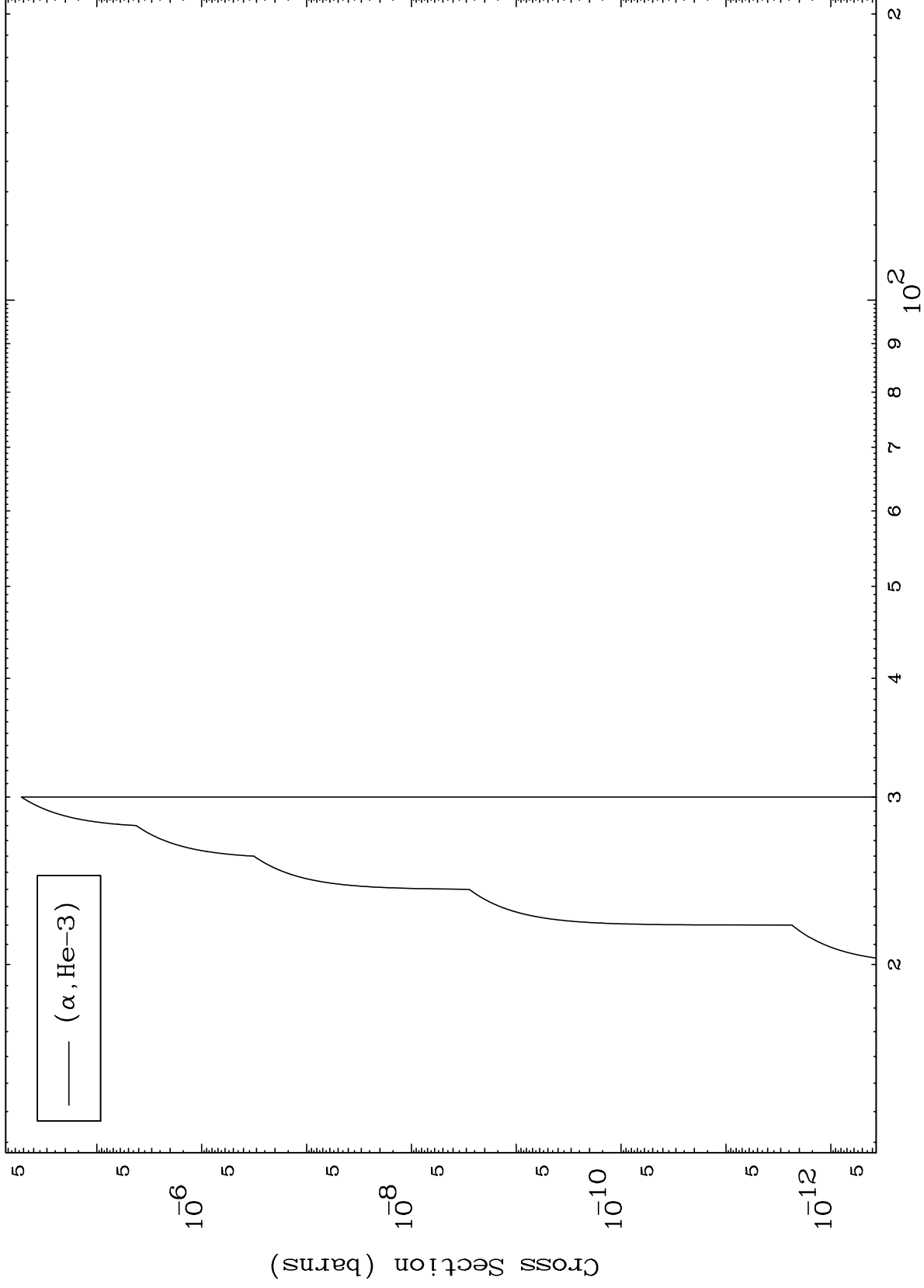
Incident Energy (MeV)

48-Cd-121

MAT 4871

(α , He3) Levels
0 Kelvin Cross Sections

48-Cd-121



10

Incident Energy (MeV)

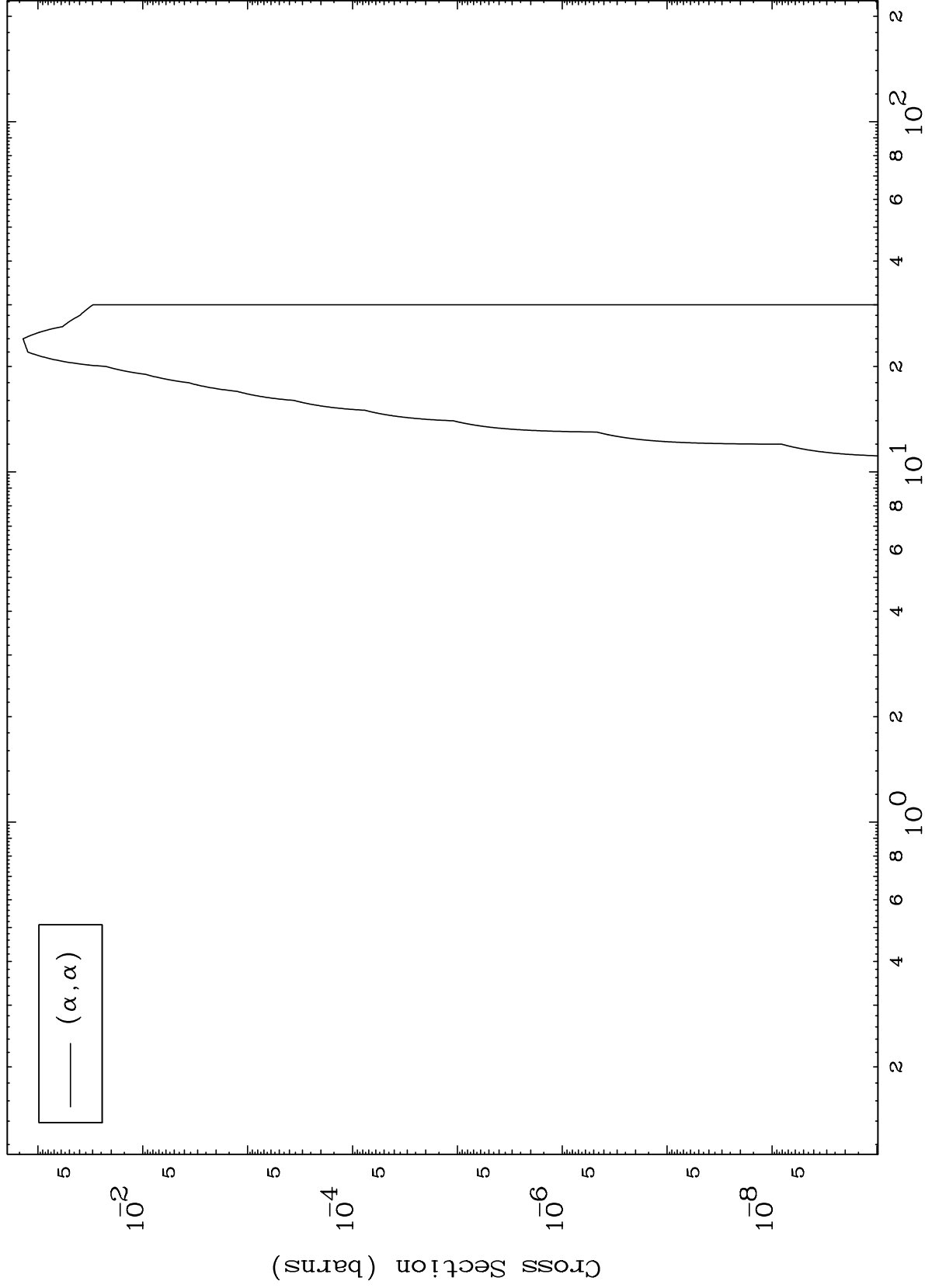
48-Cd-121

MAT 4871

(α, α) Levels

48-Cd-121

0 Kelvin Cross Sections



11

Incident Energy (MeV)

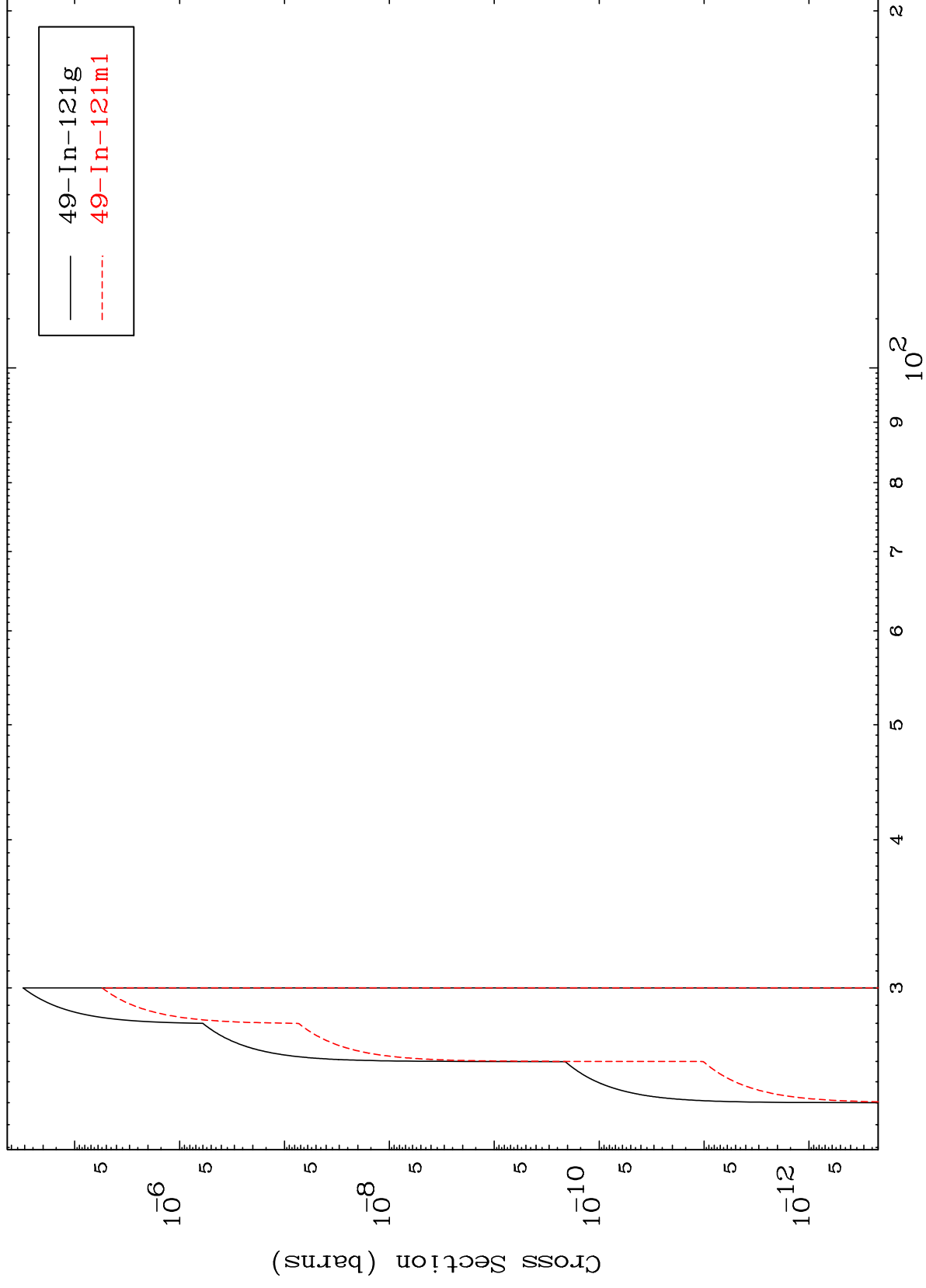
48-Cd-121

MAT 4871

($\alpha, 2n$) d

48-Cd-121

Radionuclide Production Cross Section



12

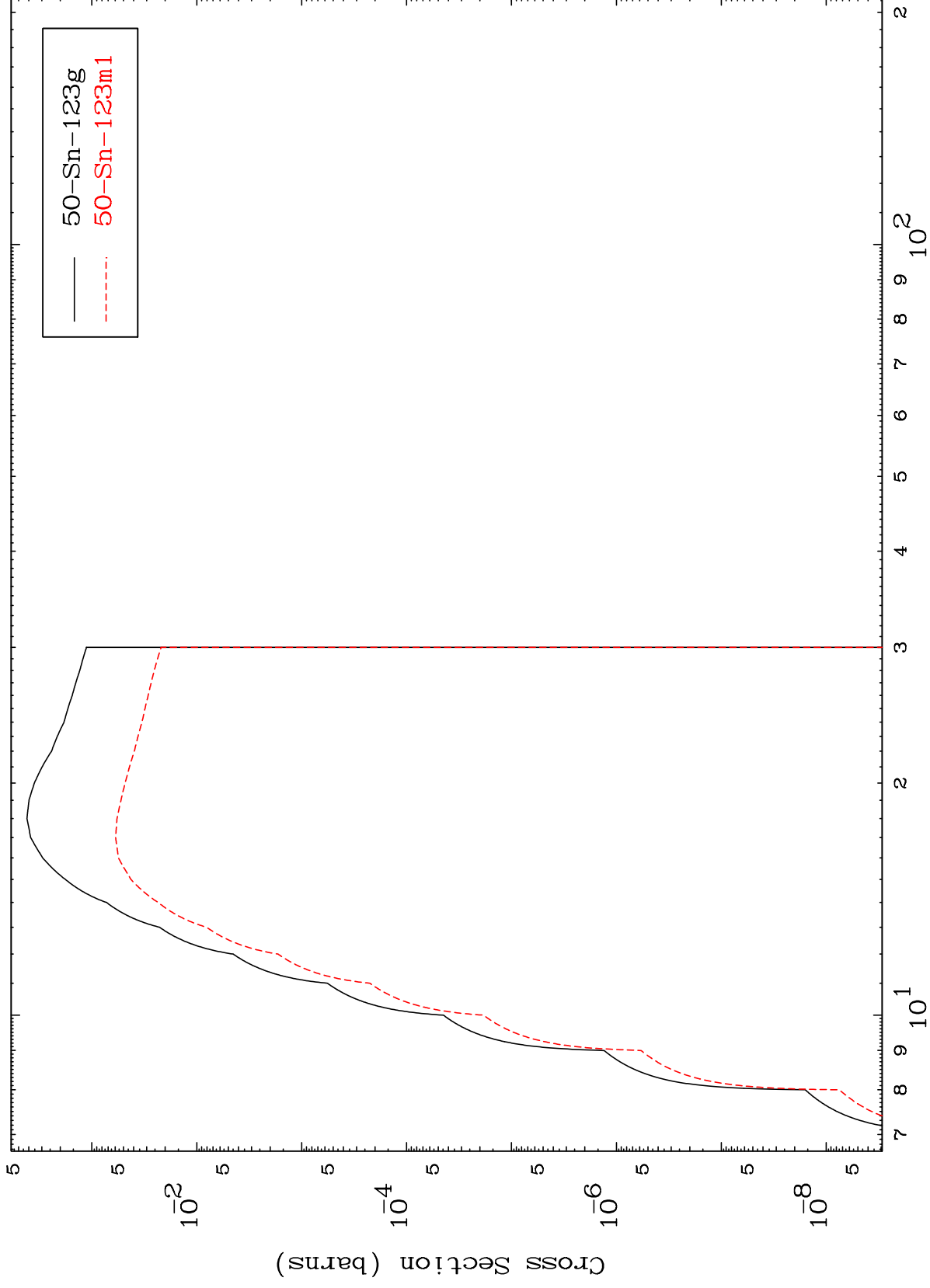
Incident Energy (MeV)

48-Cd-121

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48-Cd-121

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



Incident Energy (MeV)

48-Cd-121

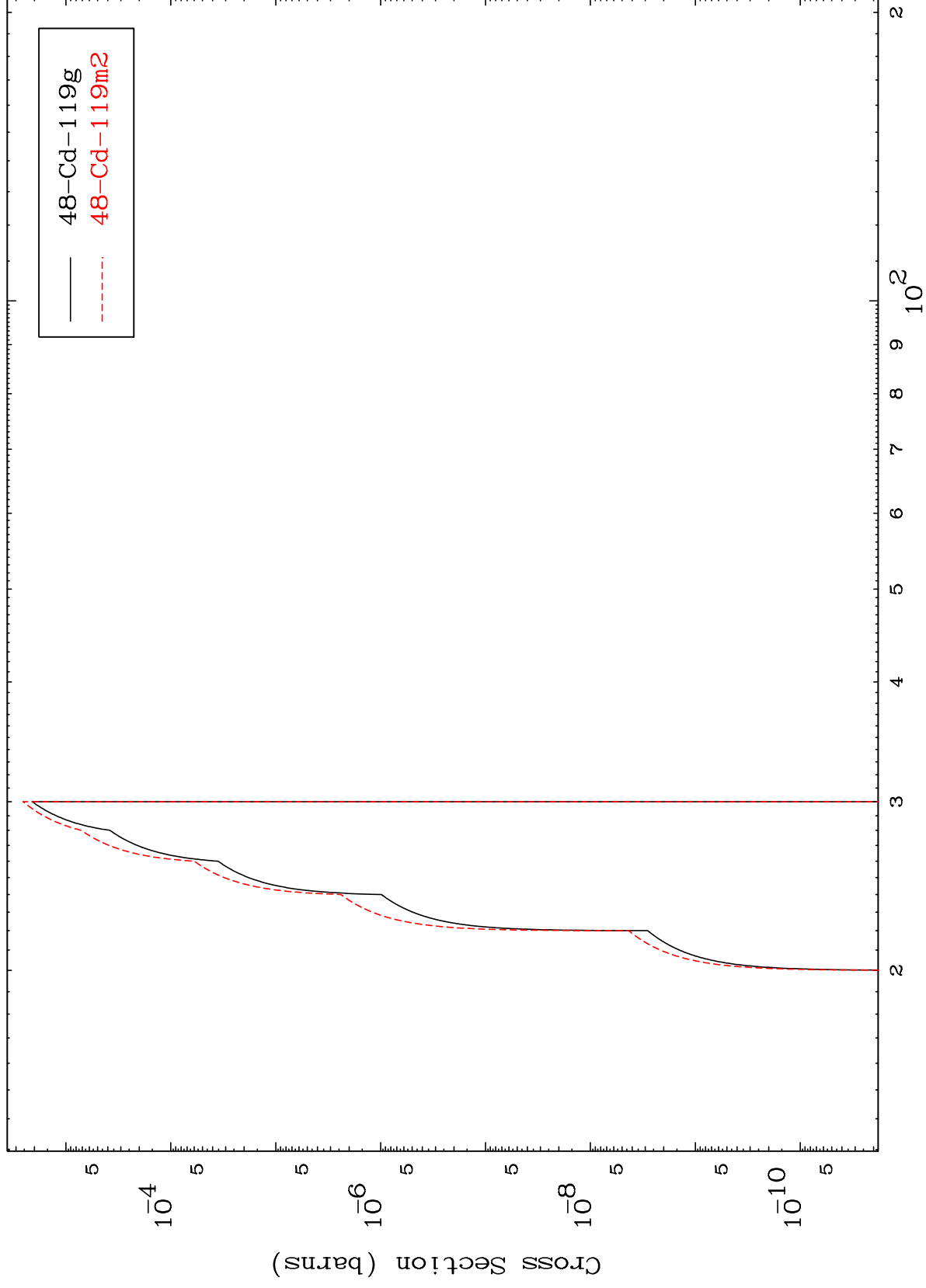
13

MAT 4871

$(\alpha, 2n)$ α

48-Cd-121

Radionuclide Production Cross Section



14

Incident Energy (MeV)

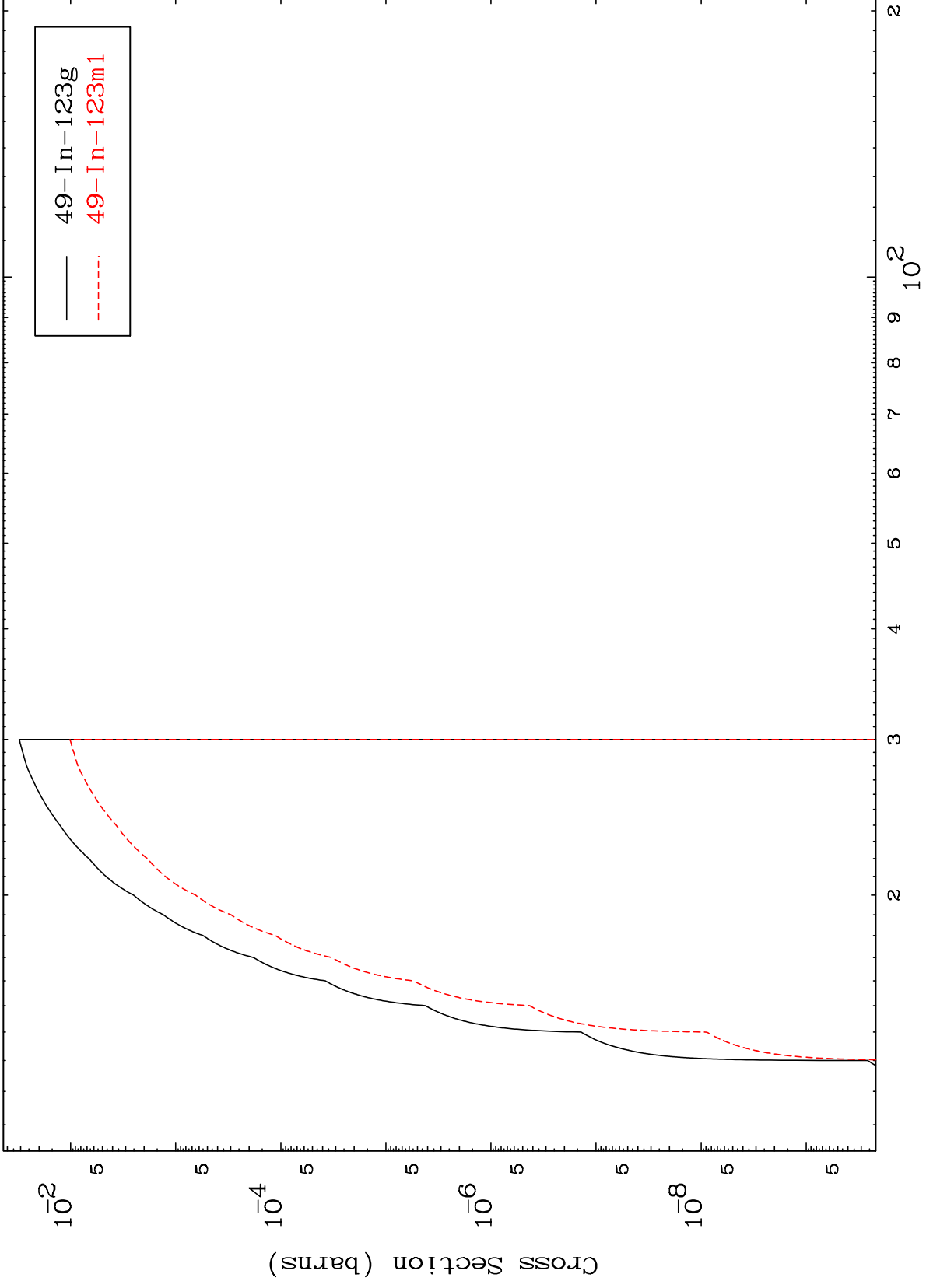
48-Cd-121

MAT 4871

(α, n') p

48-Cd-121

Radionuclide Production Cross Section

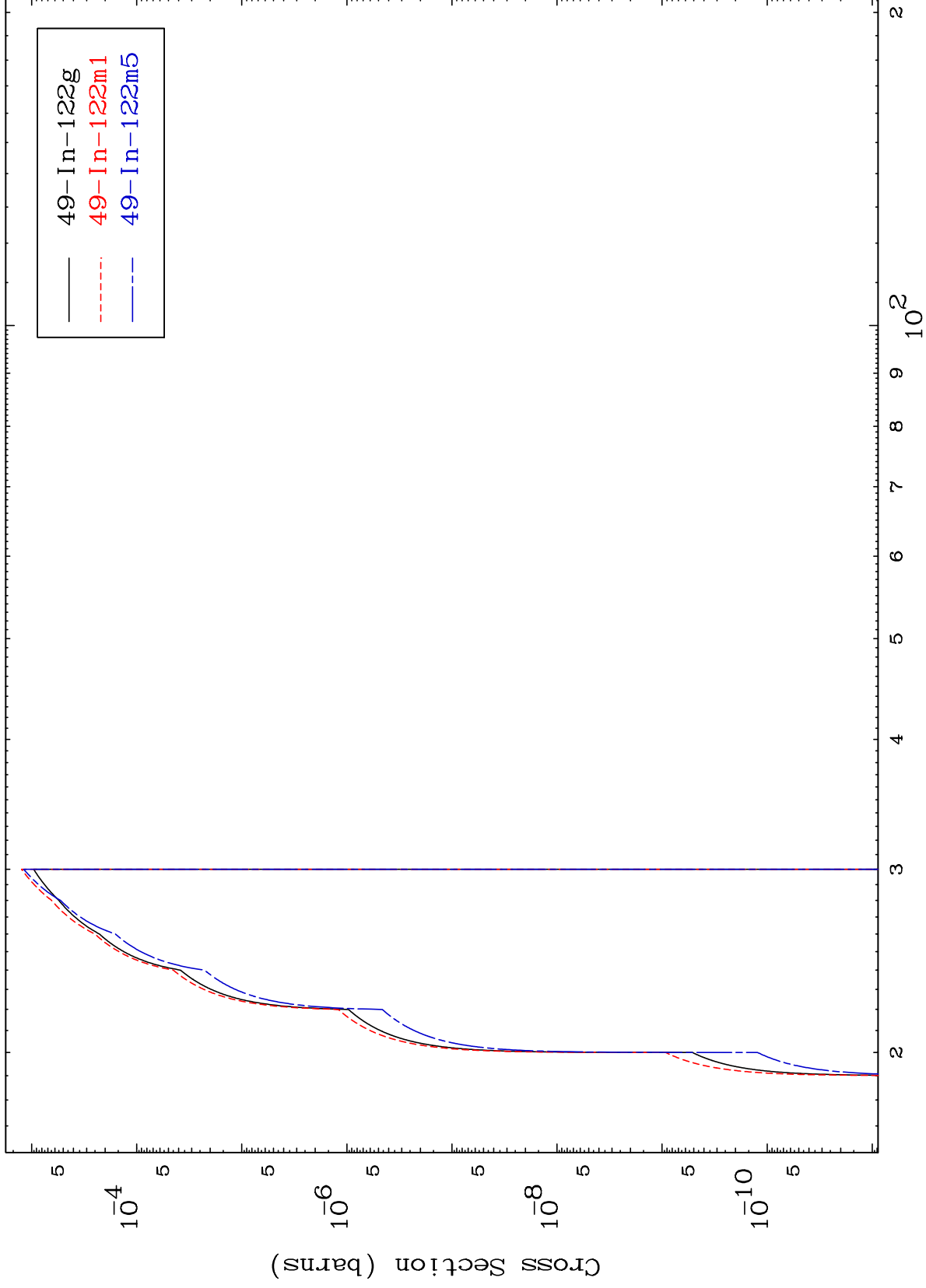


15

Incident Energy (MeV)

48-Cd-121

(α, n') d
Radionuclide Production Cross Section

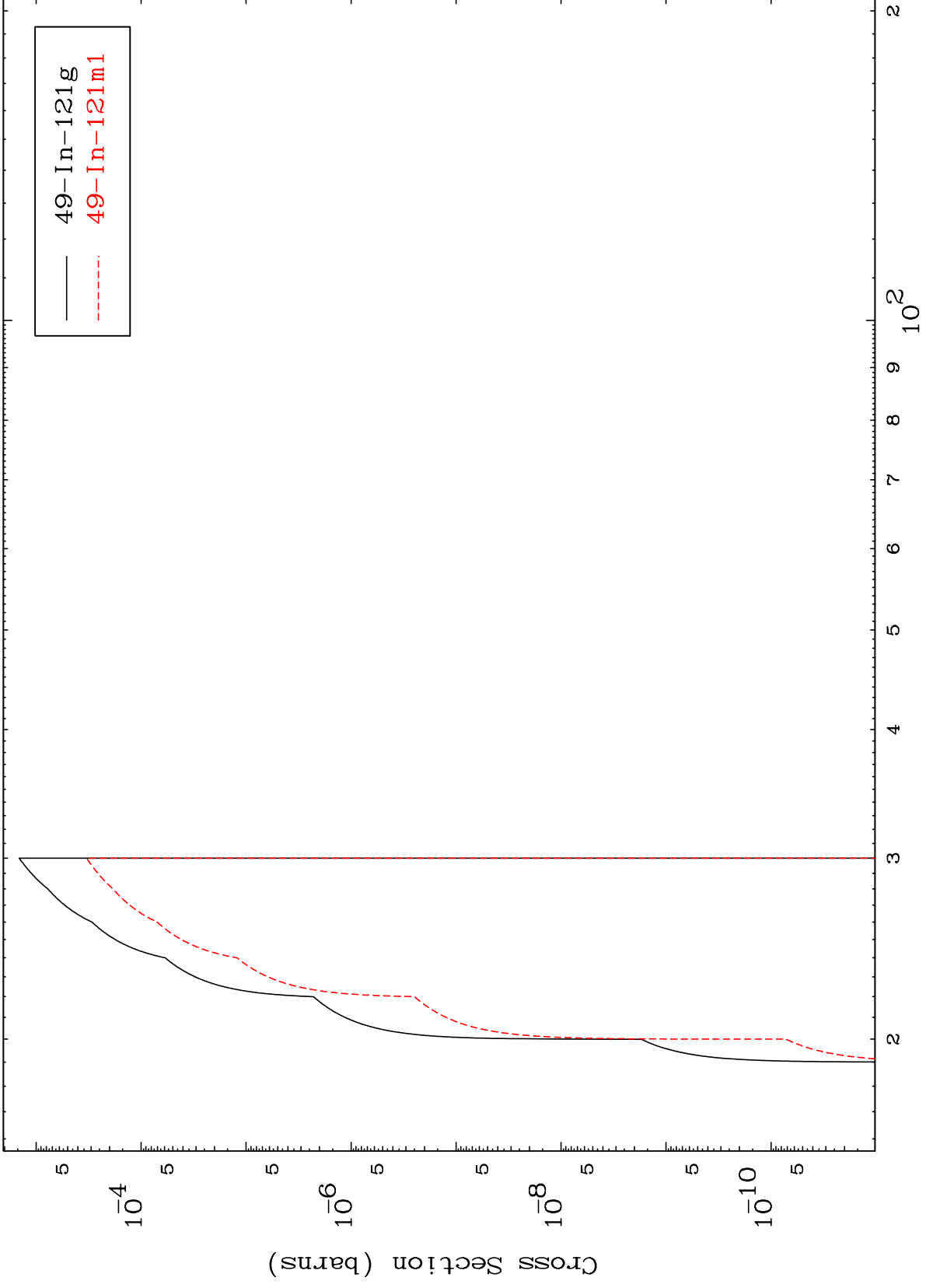


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(α, n') t

48-Cd-121

Radionuclide Production Cross Section



17

Incident Energy (MeV)

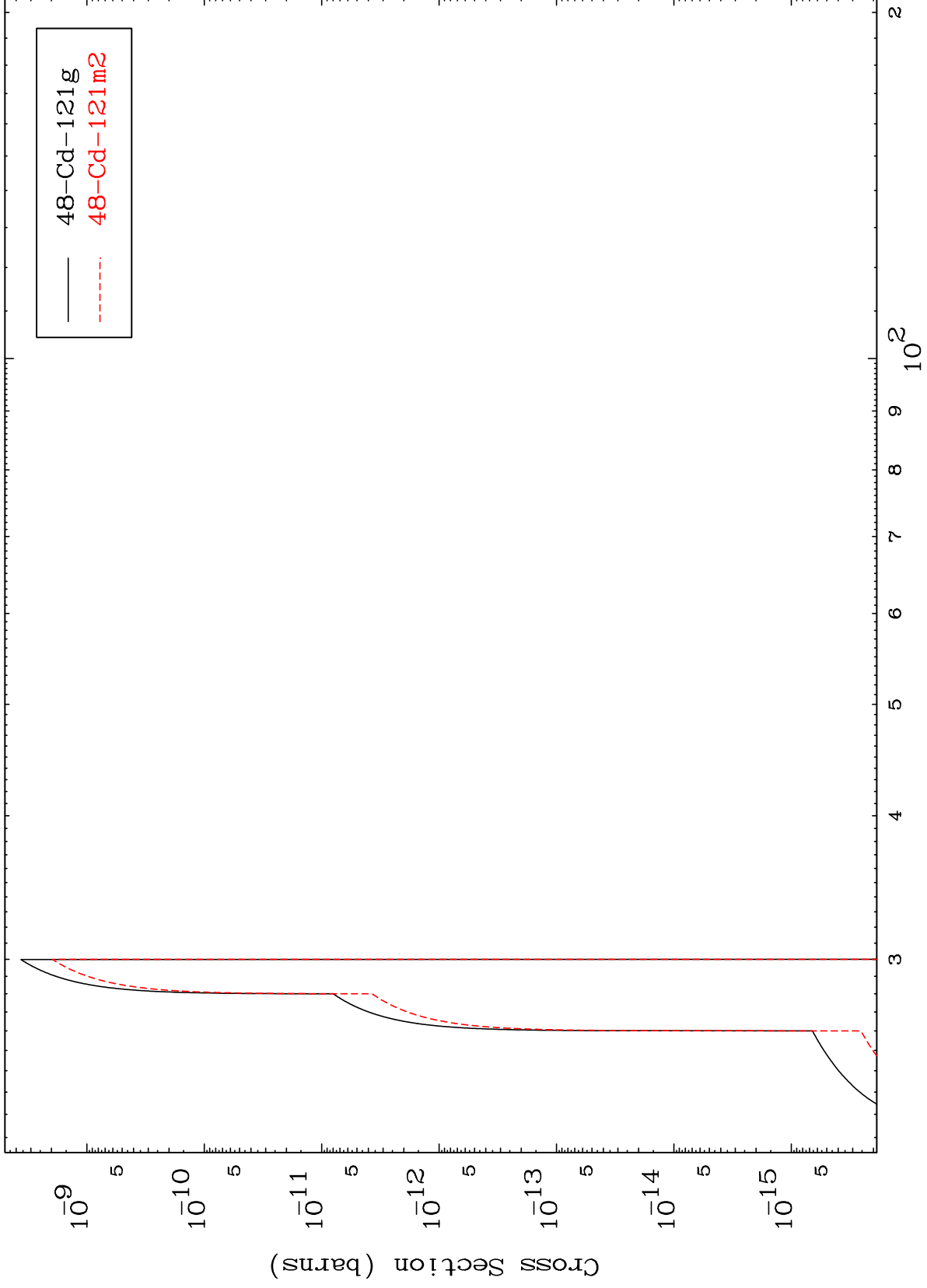
48-Cd-121

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(α, n') He-3

48-Cd-121

Radionuclide Production Cross Section

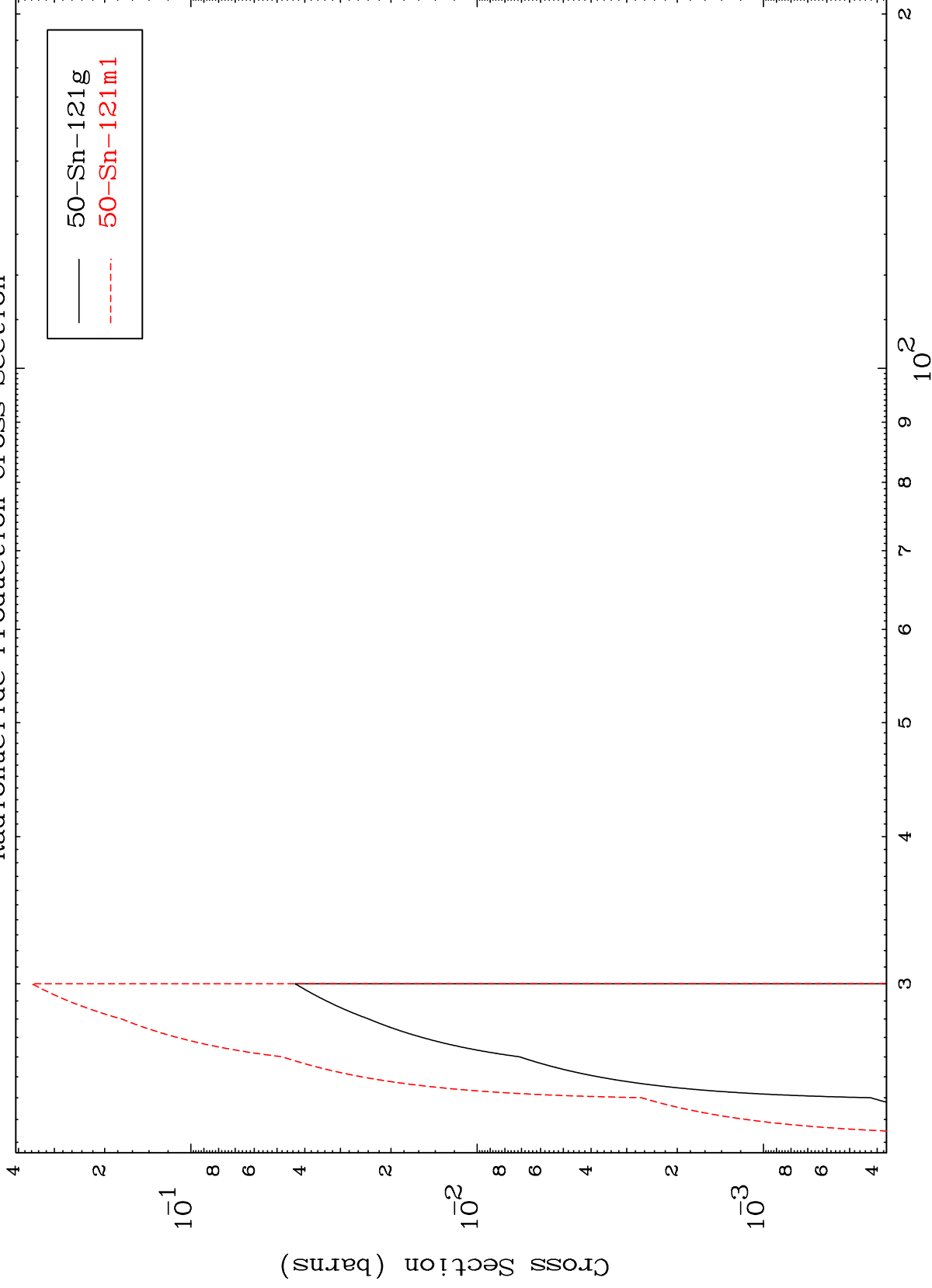


18

Incident Energy (MeV)

48-Cd-121

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

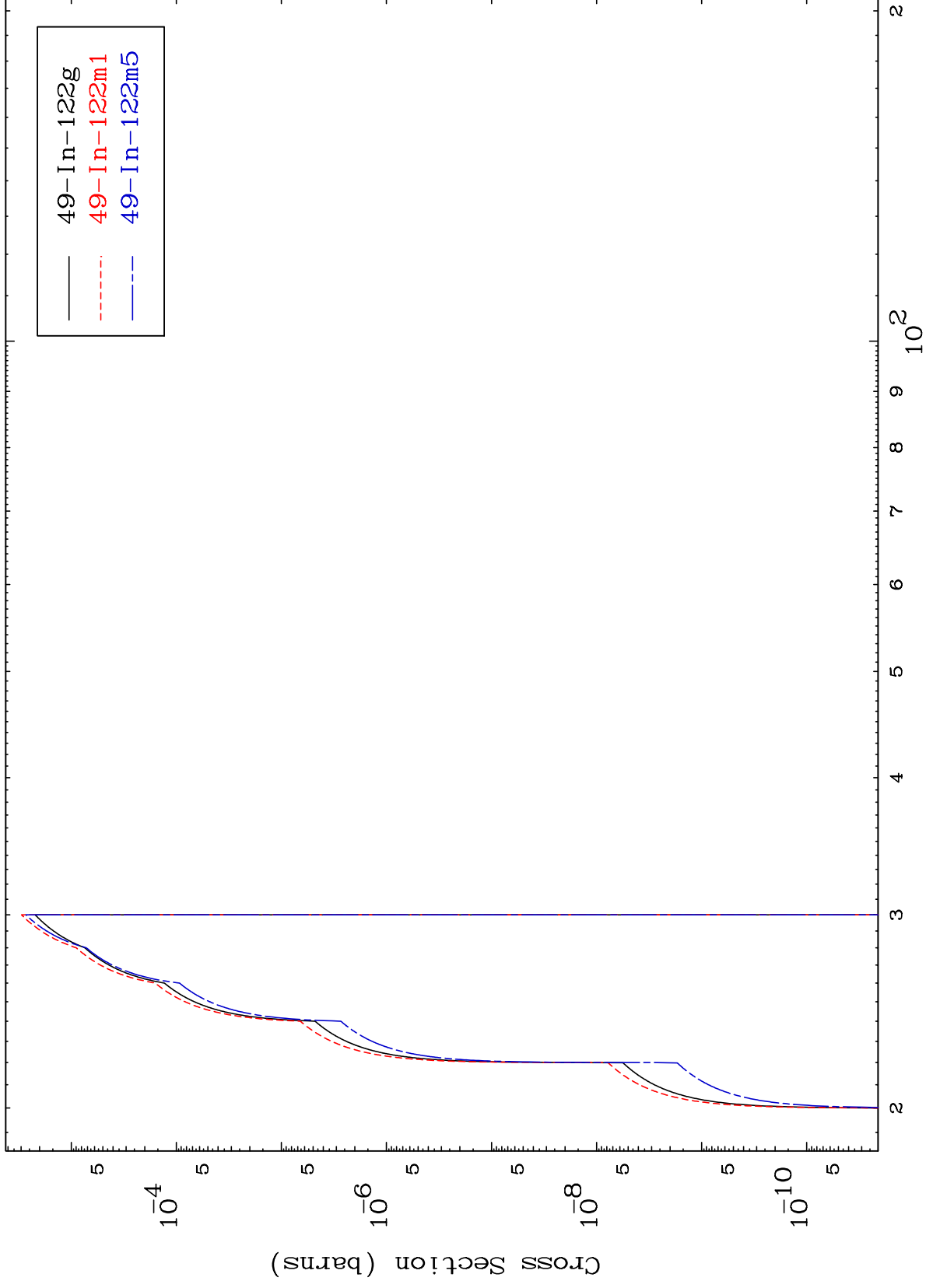


MAT 4871

($\alpha, 2n$) p

48-Cd-121

Radionuclide Production Cross Section



20

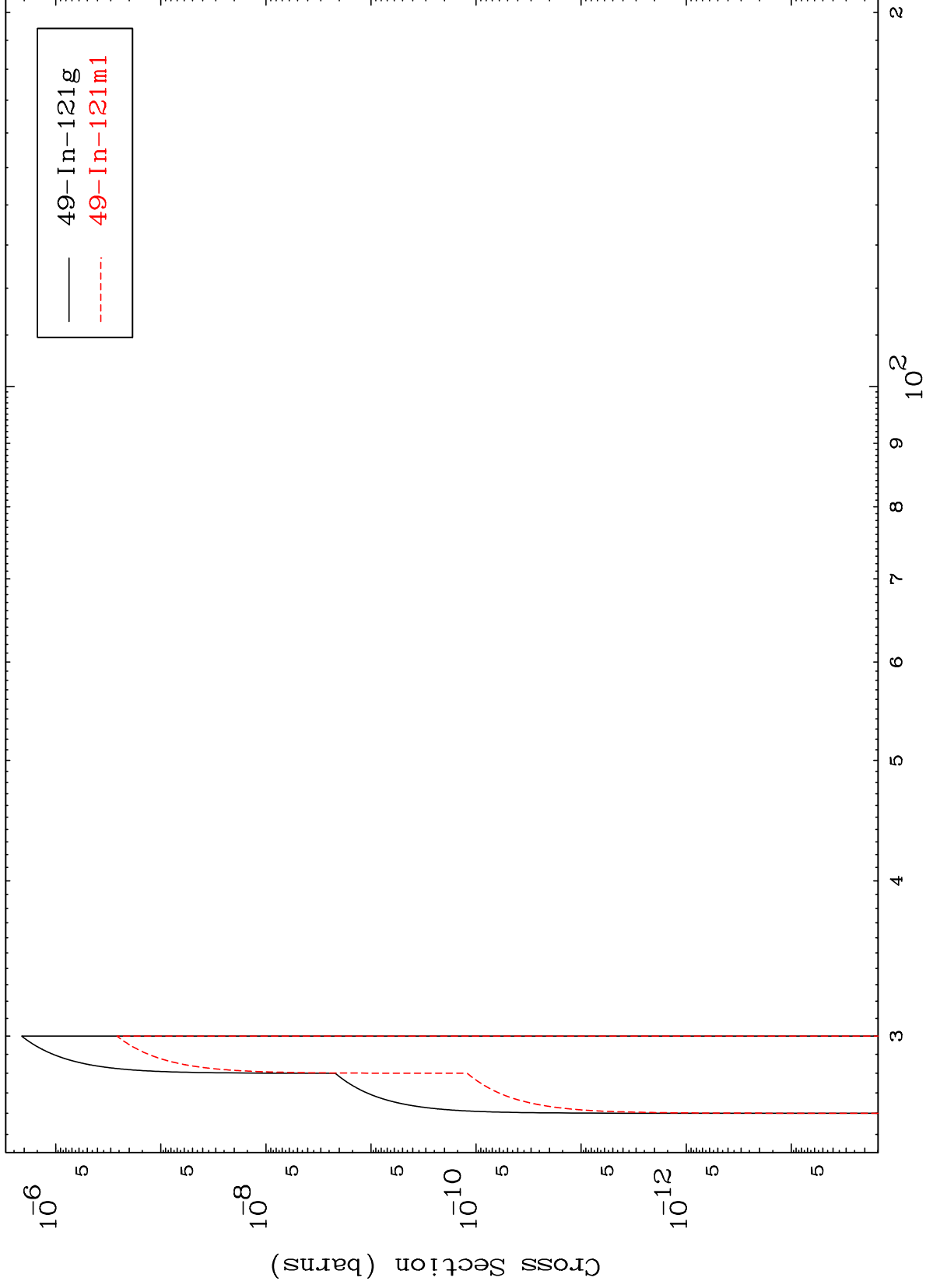
Incident Energy (MeV)

48-Cd-121

MAT 4871

48-Cd-121

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



21

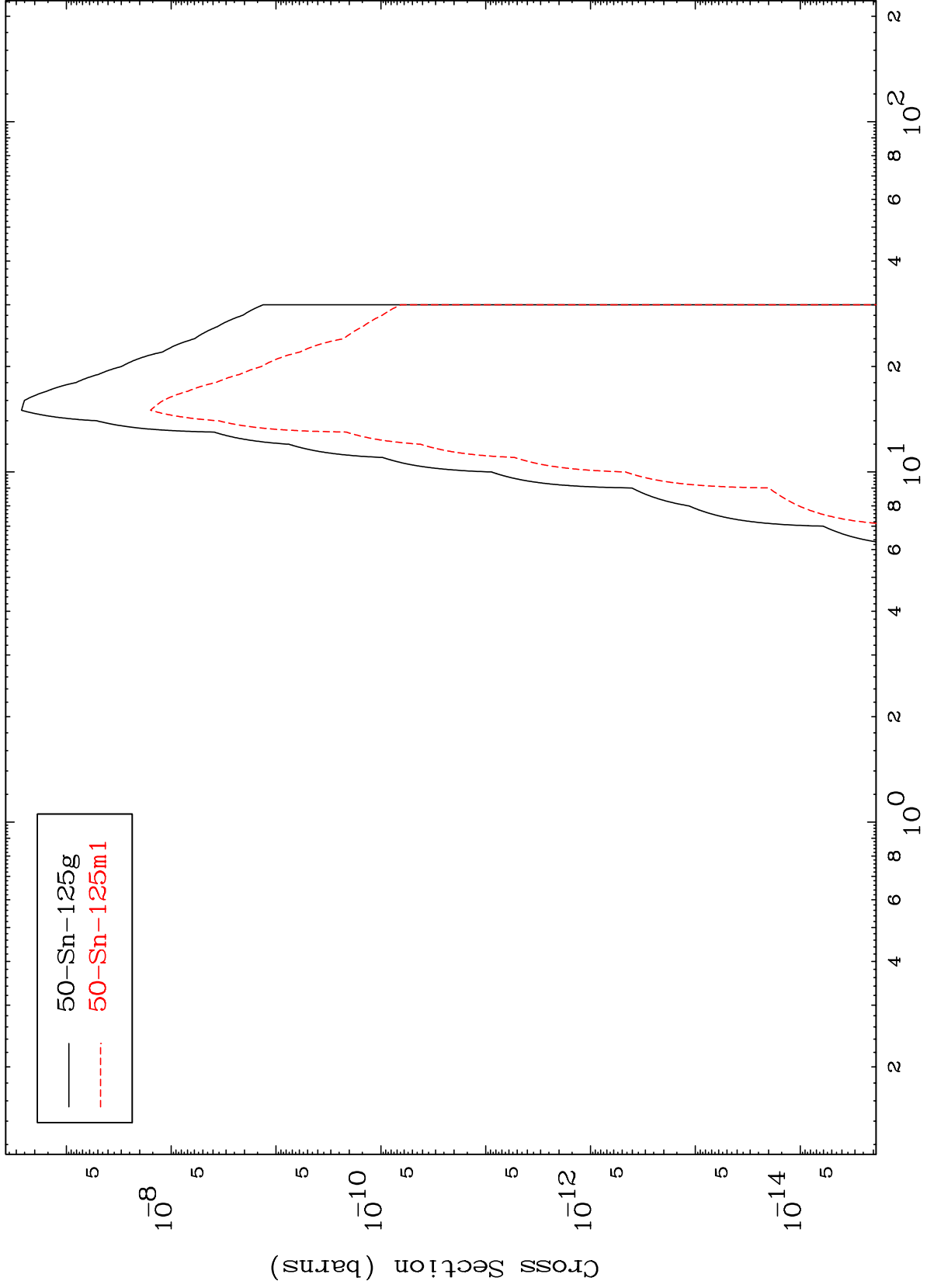
Incident Energy (MeV)

48-Cd-121

MAT 4871

48-Cd-121

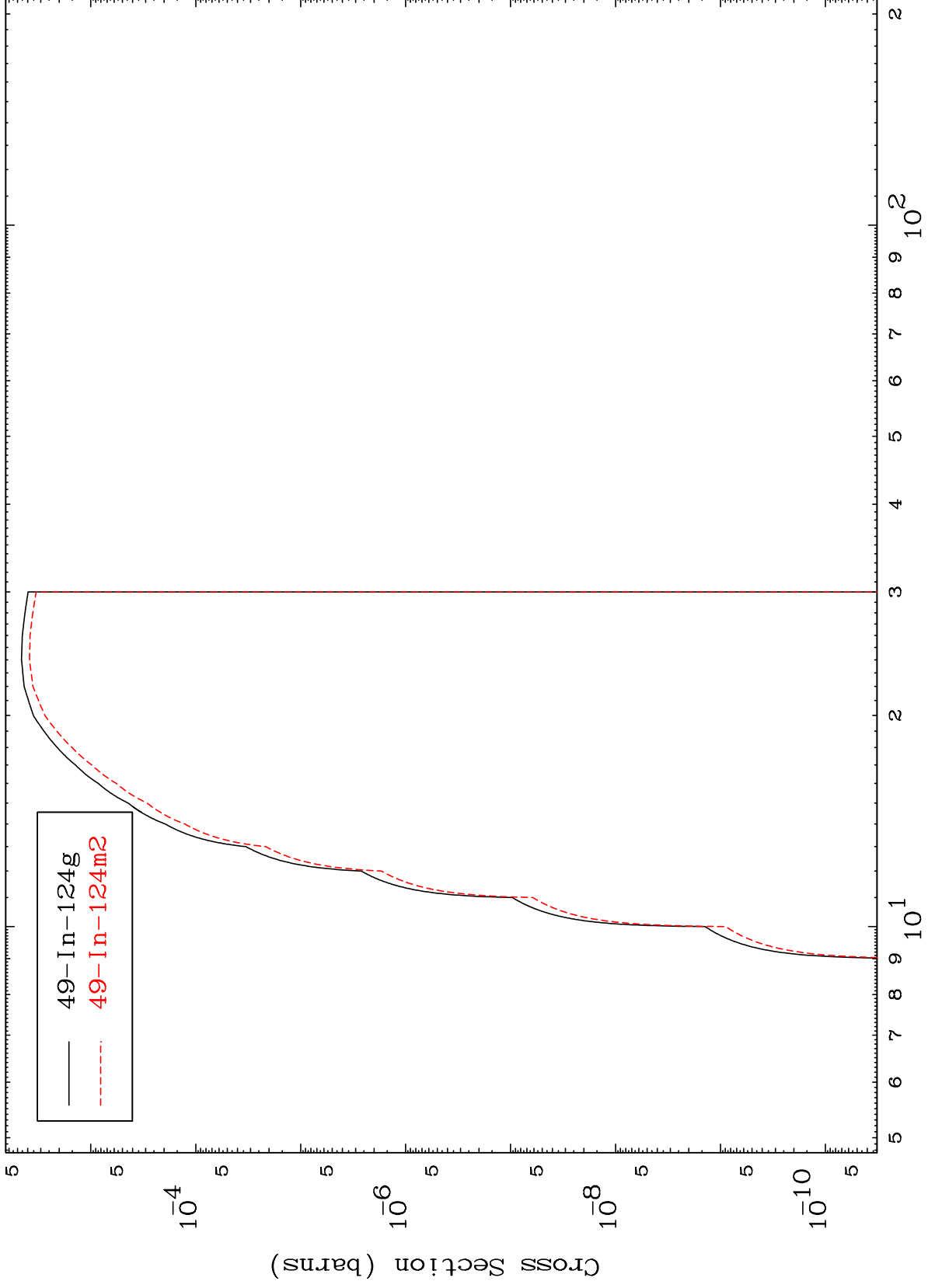
Radionuclide Production Cross Section
(α, γ)



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48-Cd-121

(α, p)
Radionuclide Production Cross Section



23

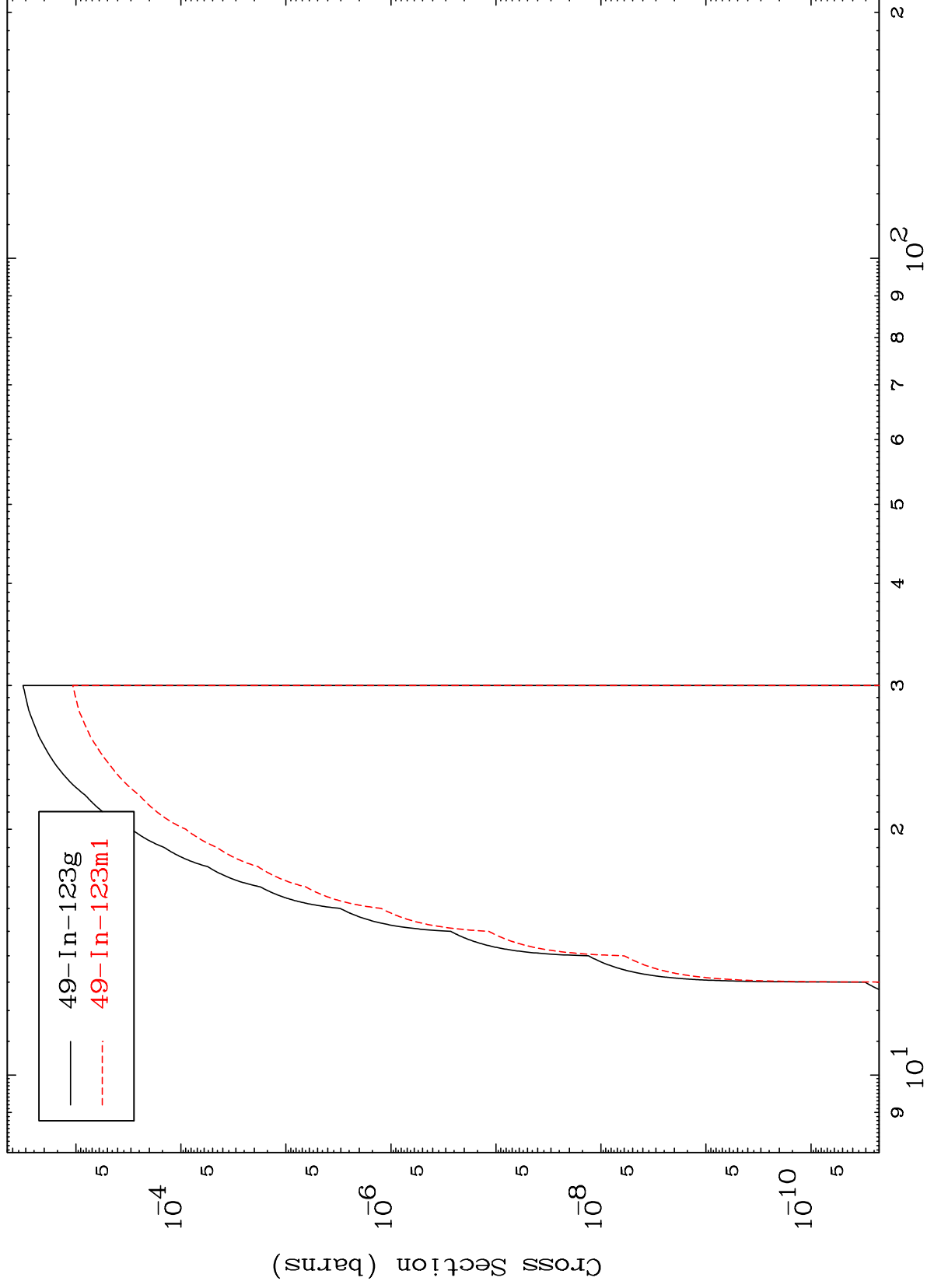
Incident Energy (MeV)

48-Cd-121

MAT 4871

48-Cd-121

(α, d)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

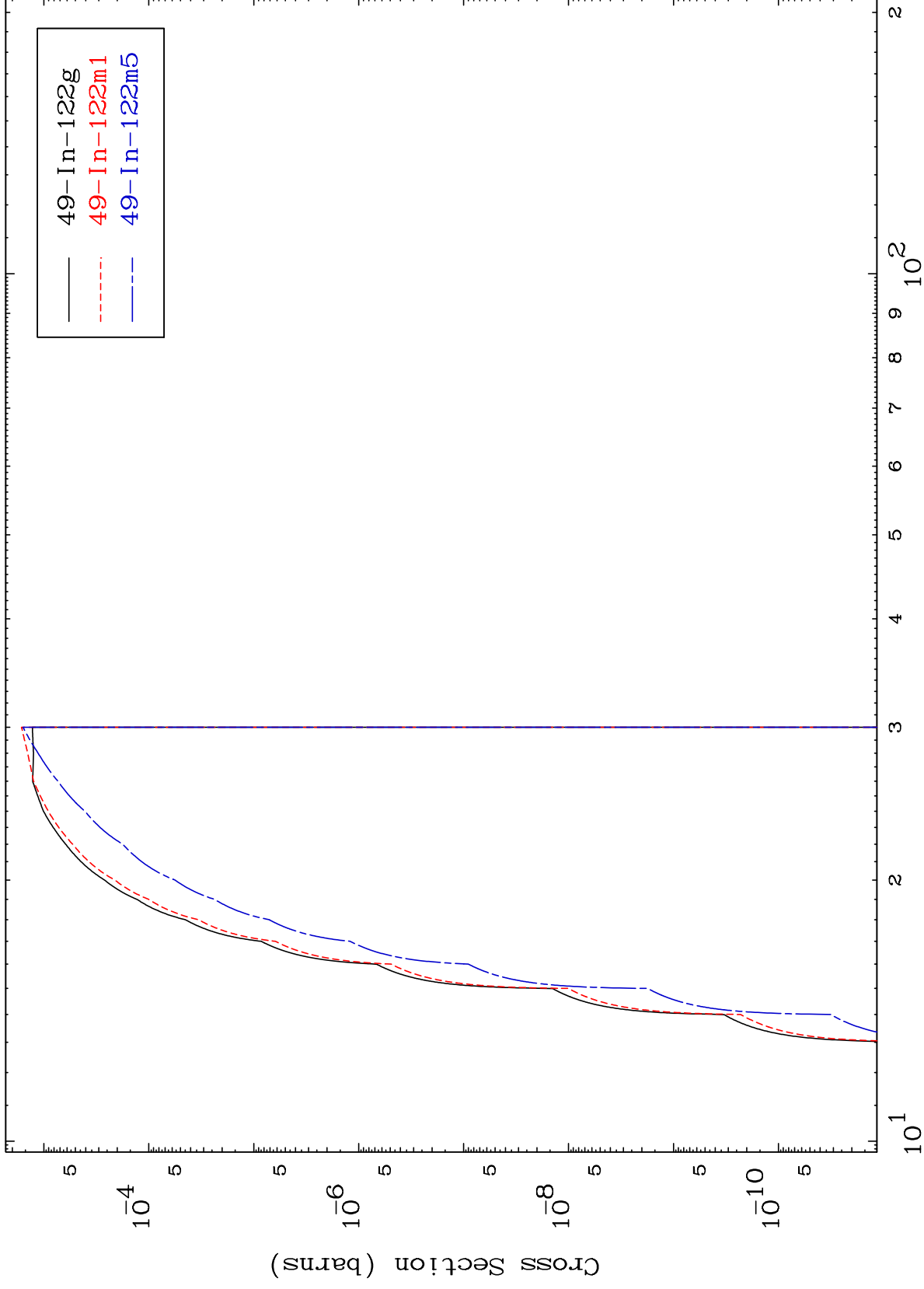
48-Cd-121

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(α, t)

48-Cd-121

Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-121

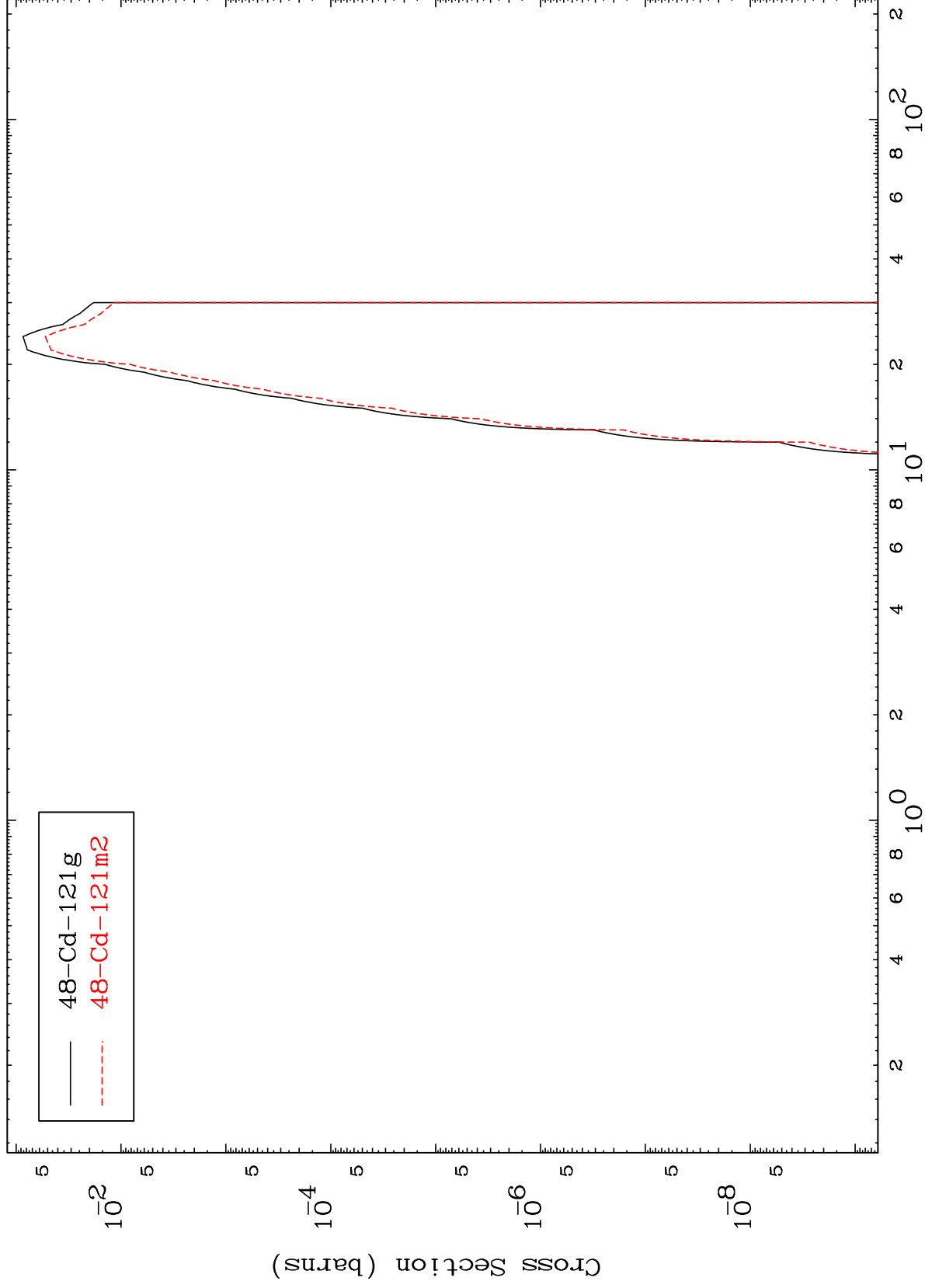
25

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48-Cd-121

(α, α)

Radionuclide Production Cross Section



26

48-Cd-121

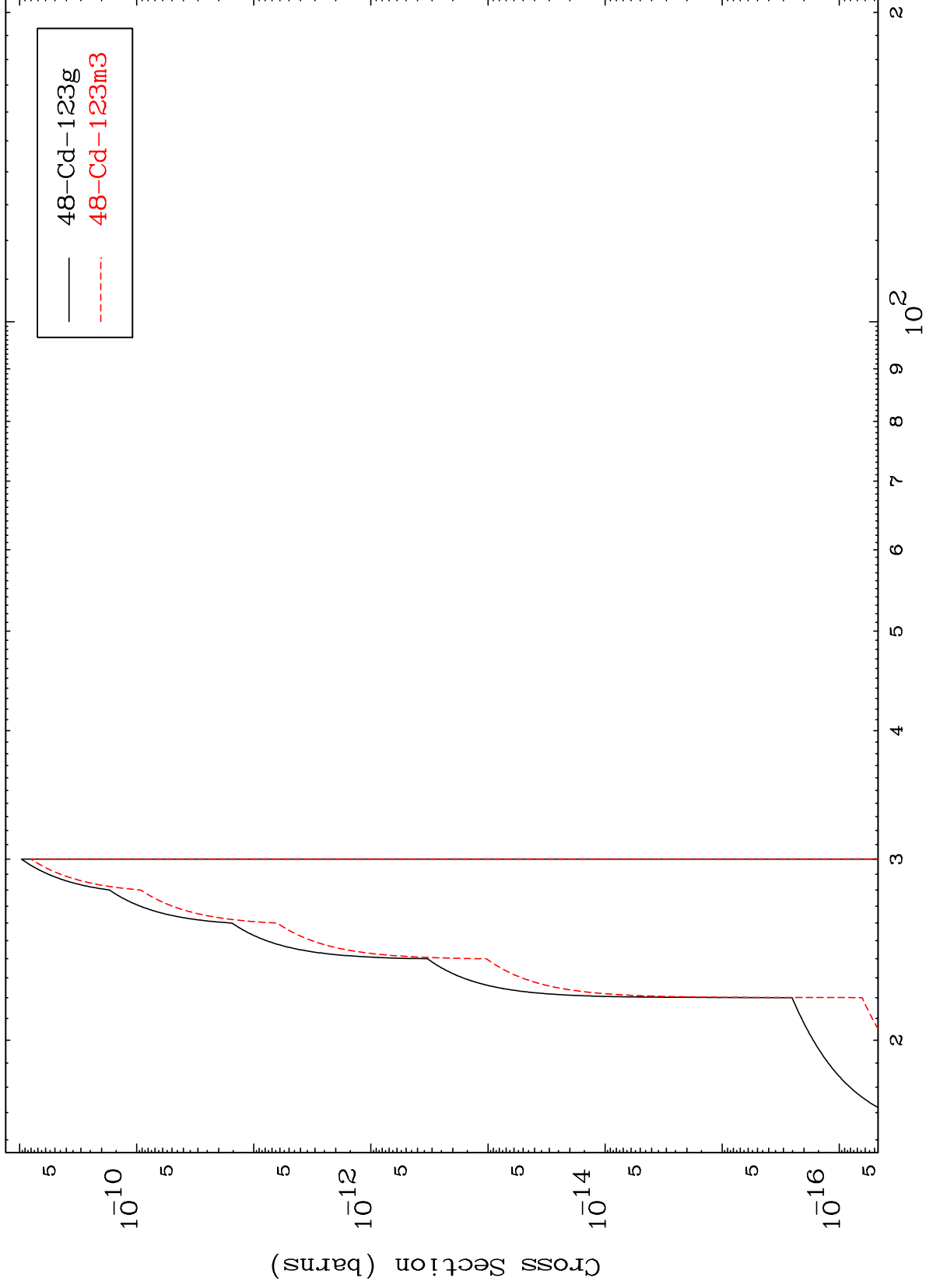
Incident Energy (MeV)

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($\alpha, 2p$)

48-Cd-121

Radionuclide Production Cross Section



27

Incident Energy (MeV)

48-Cd-121