

Program EVALPLOT
(Version 2018-1)

by

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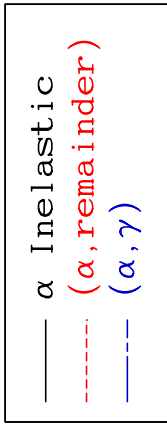
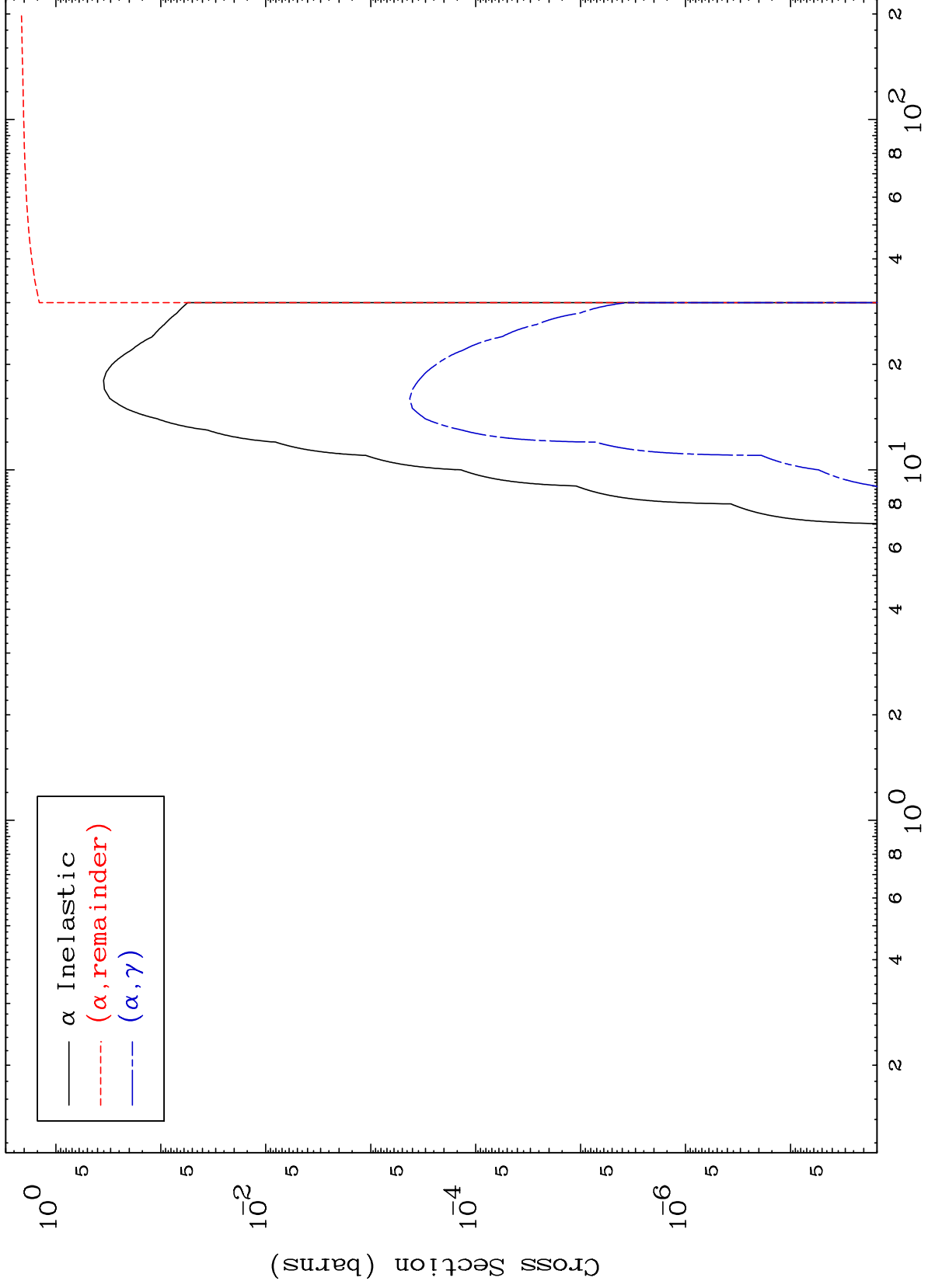
Press Mouse Button to Start

MAT 4841

α Major

48-Cd-111

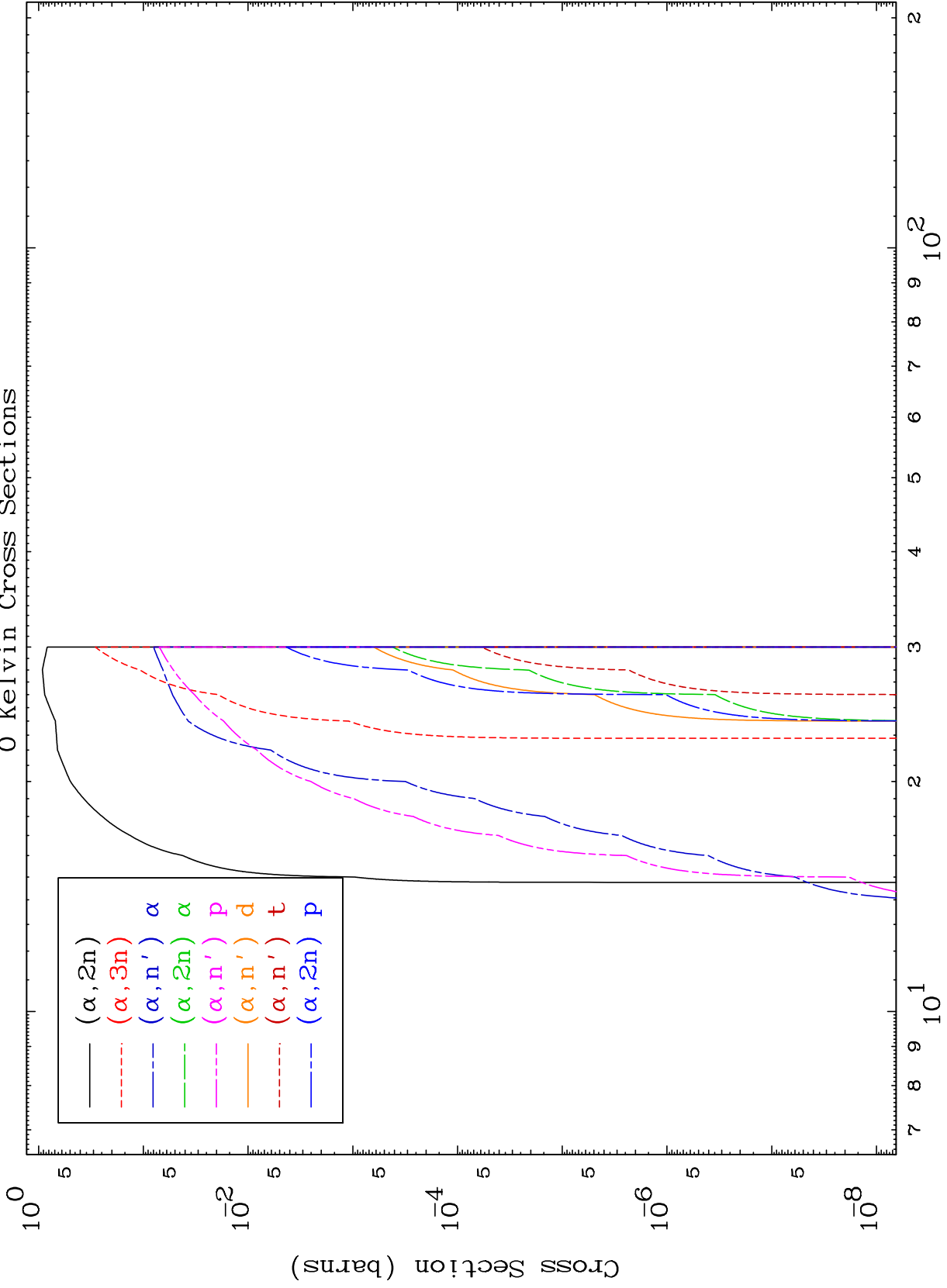
0 Kelvin Cross Sections



MAT 4841

α Neutron Production
0 Kelvin Cross Sections

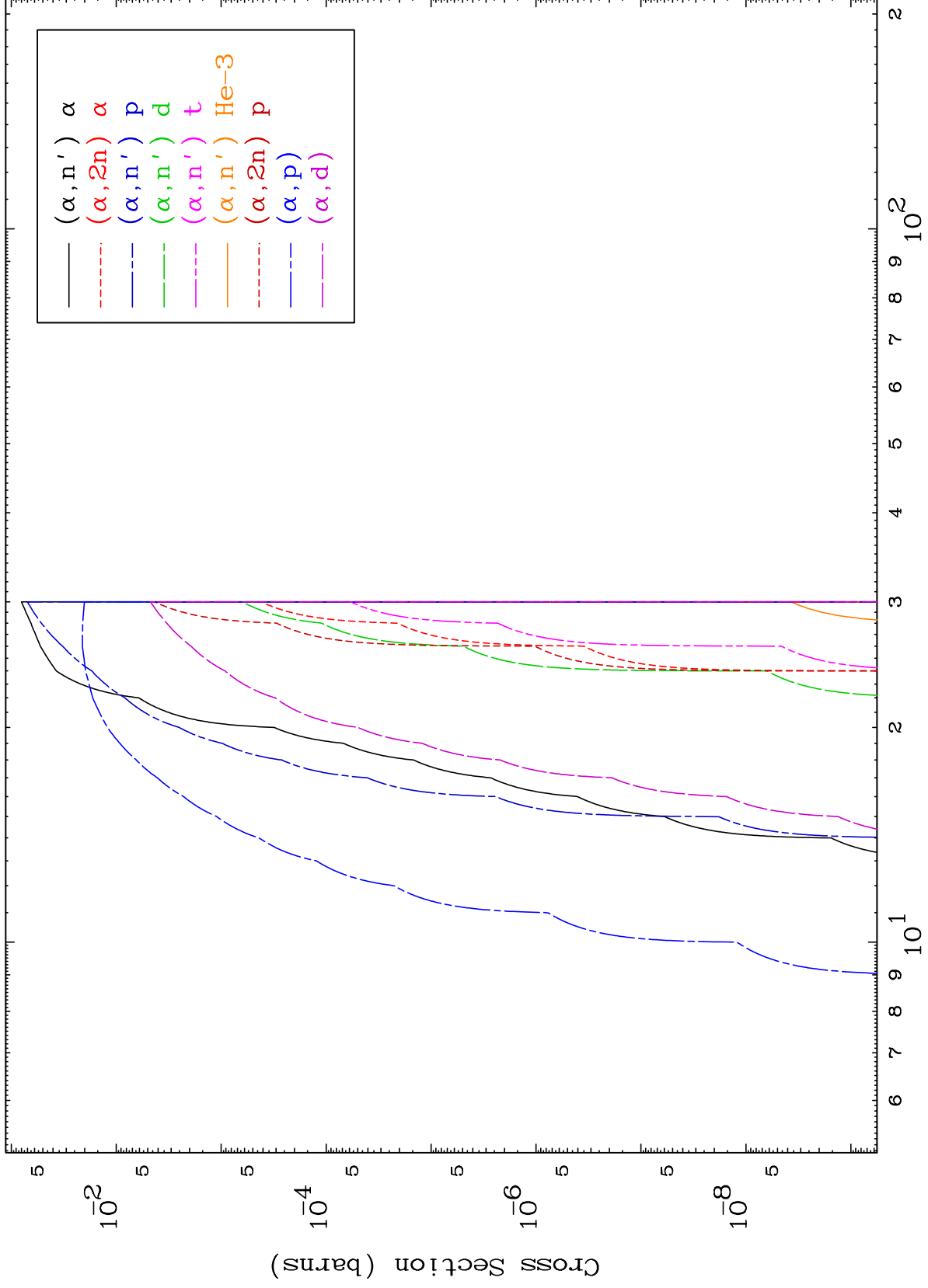
48-Cd-111



2

Incident Energy (MeV)

48-Cd-111

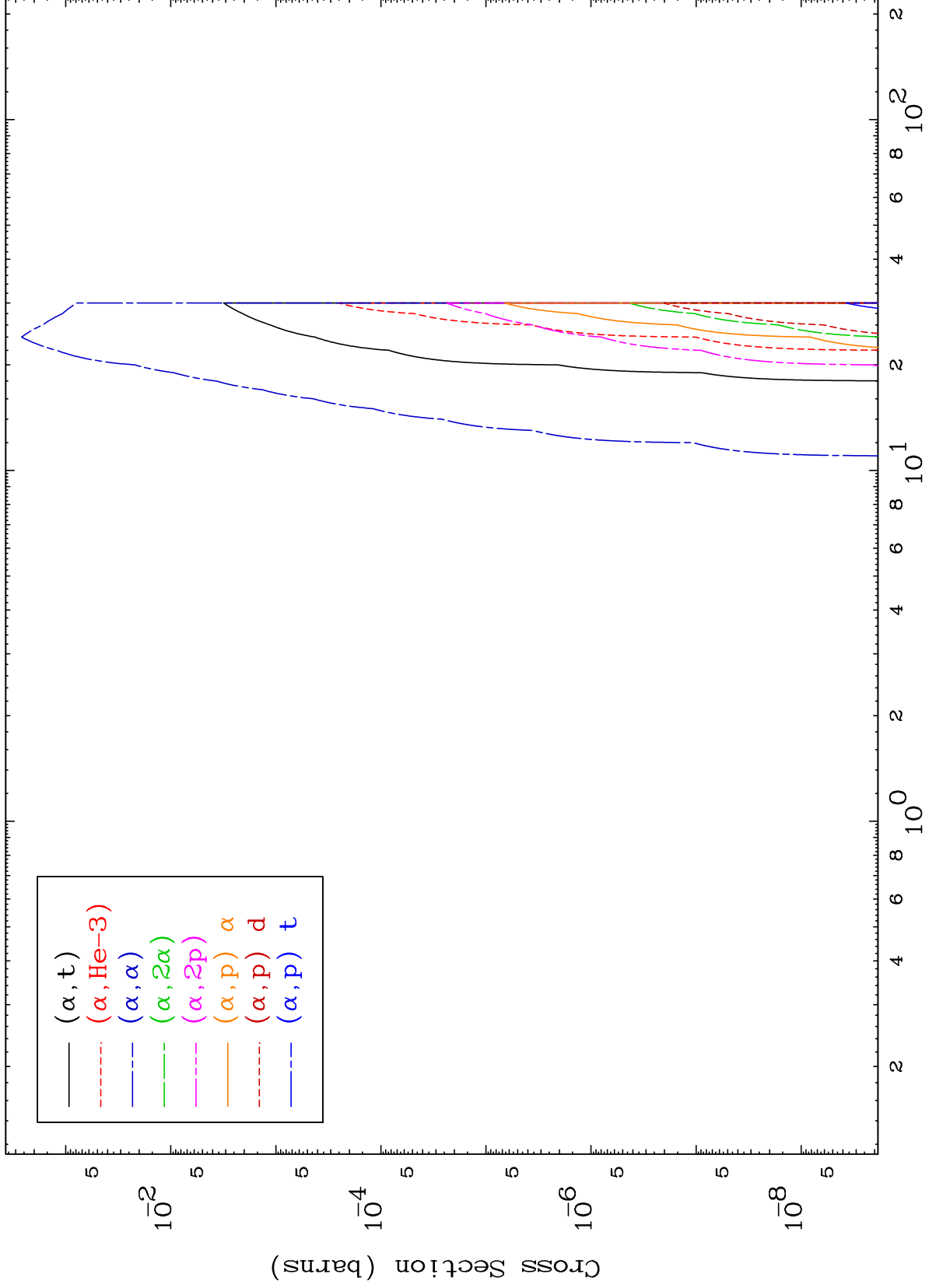


MAT 4841

α Charged Particle

48-Cd-111

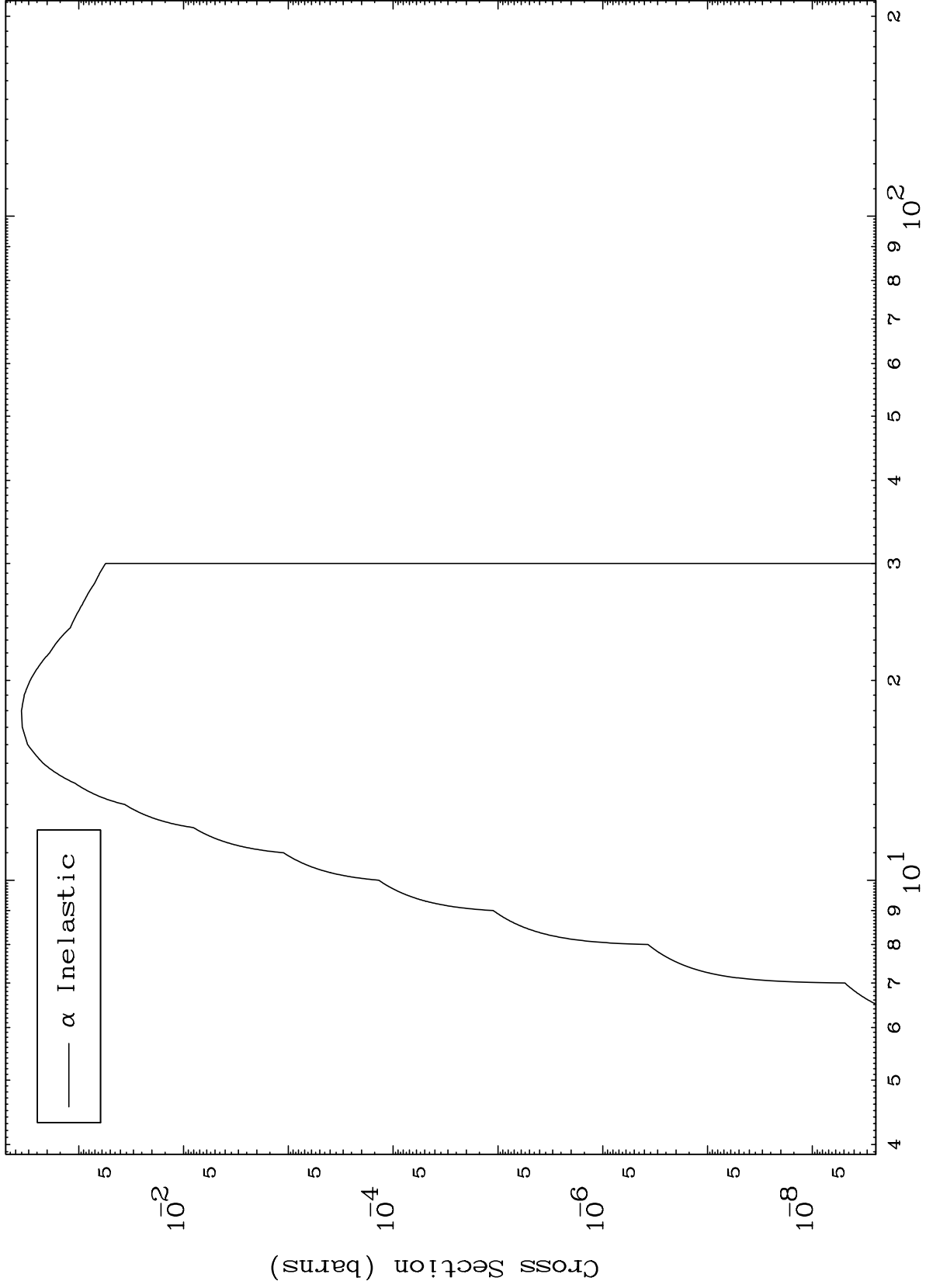
0 Kelvin Cross Sections



MAT 4841

48-Cd-111

(α, n') Level
0 Kelvin Cross Sections



5

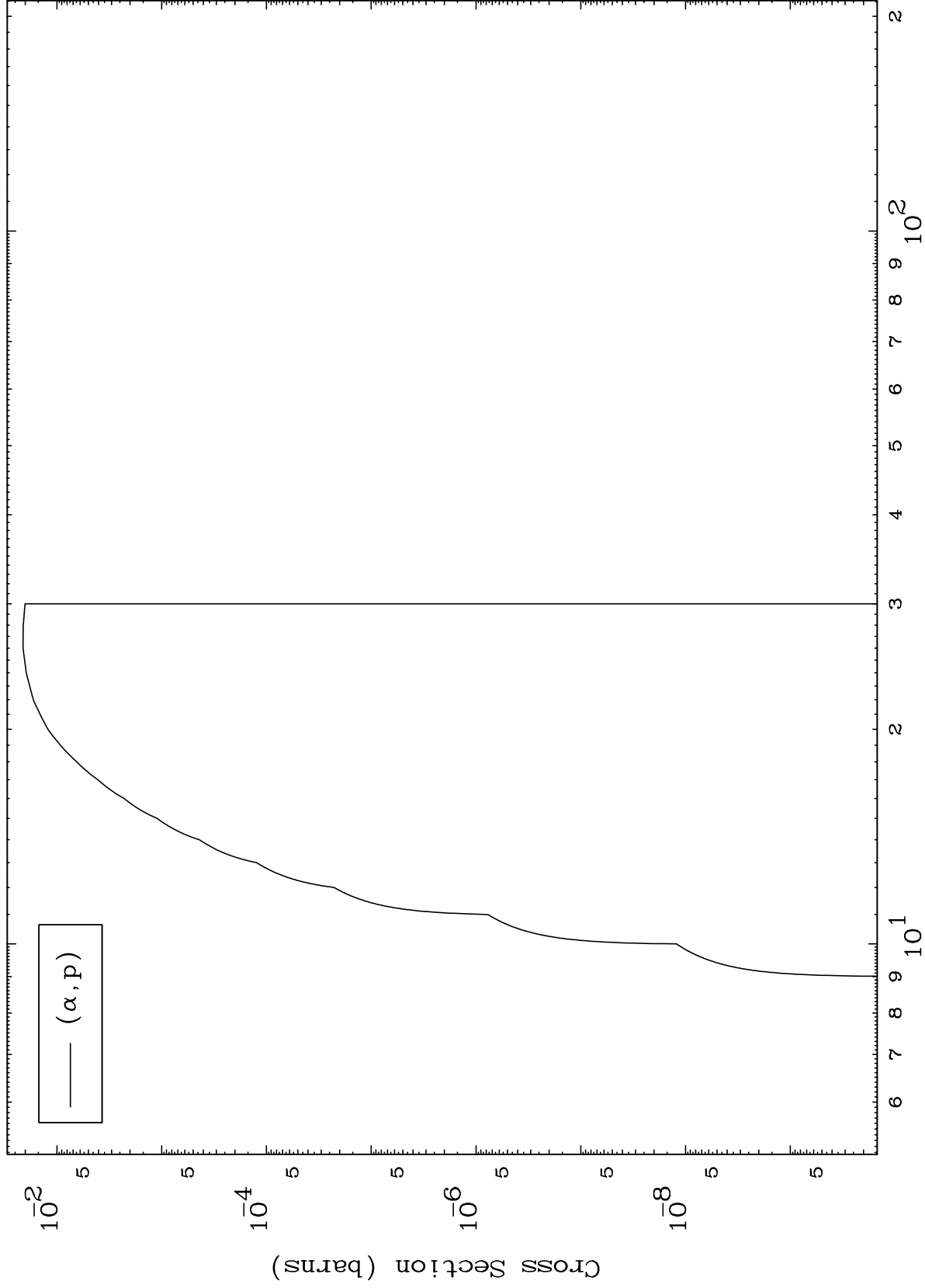
Incident Energy (MeV)

48-Cd-111

MAT 4841

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-111



6

Incident Energy (MeV)

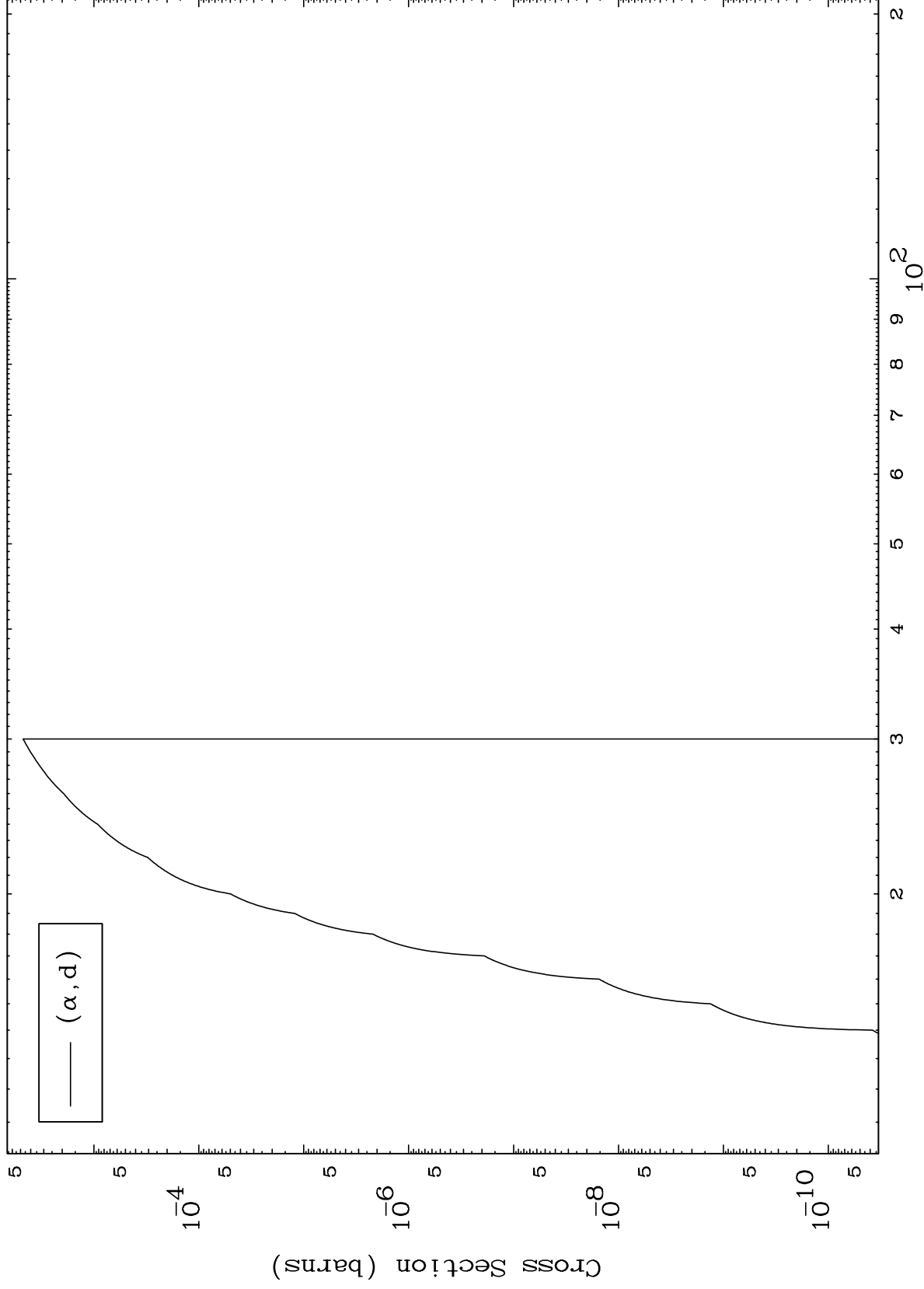
48-Cd-111

MAT 4841

(α, d) Levels

48-Cd-111

0 Kelvin Cross Sections



7

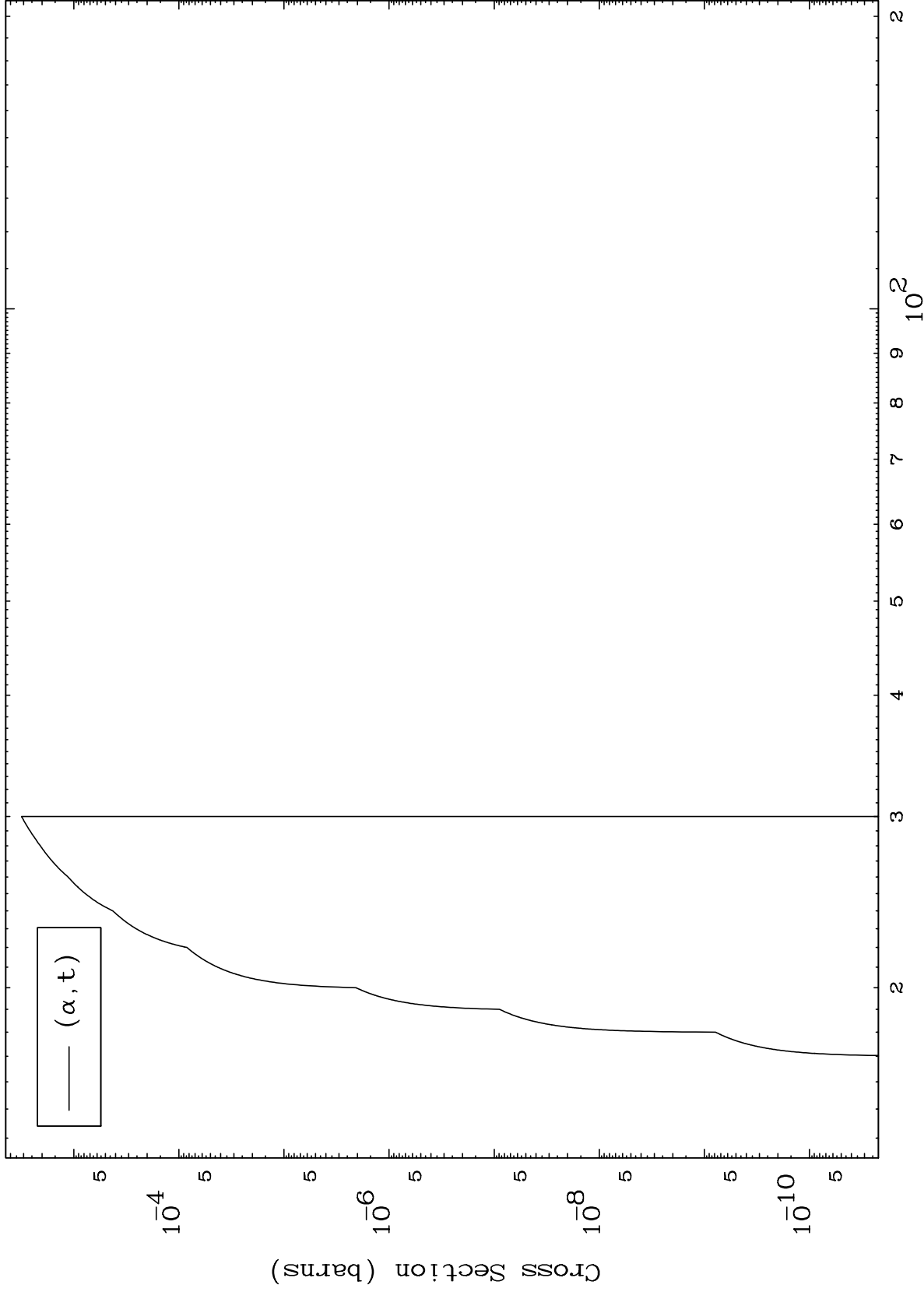
Incident Energy (MeV)

48-Cd-111

MAT 4841

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-111



8

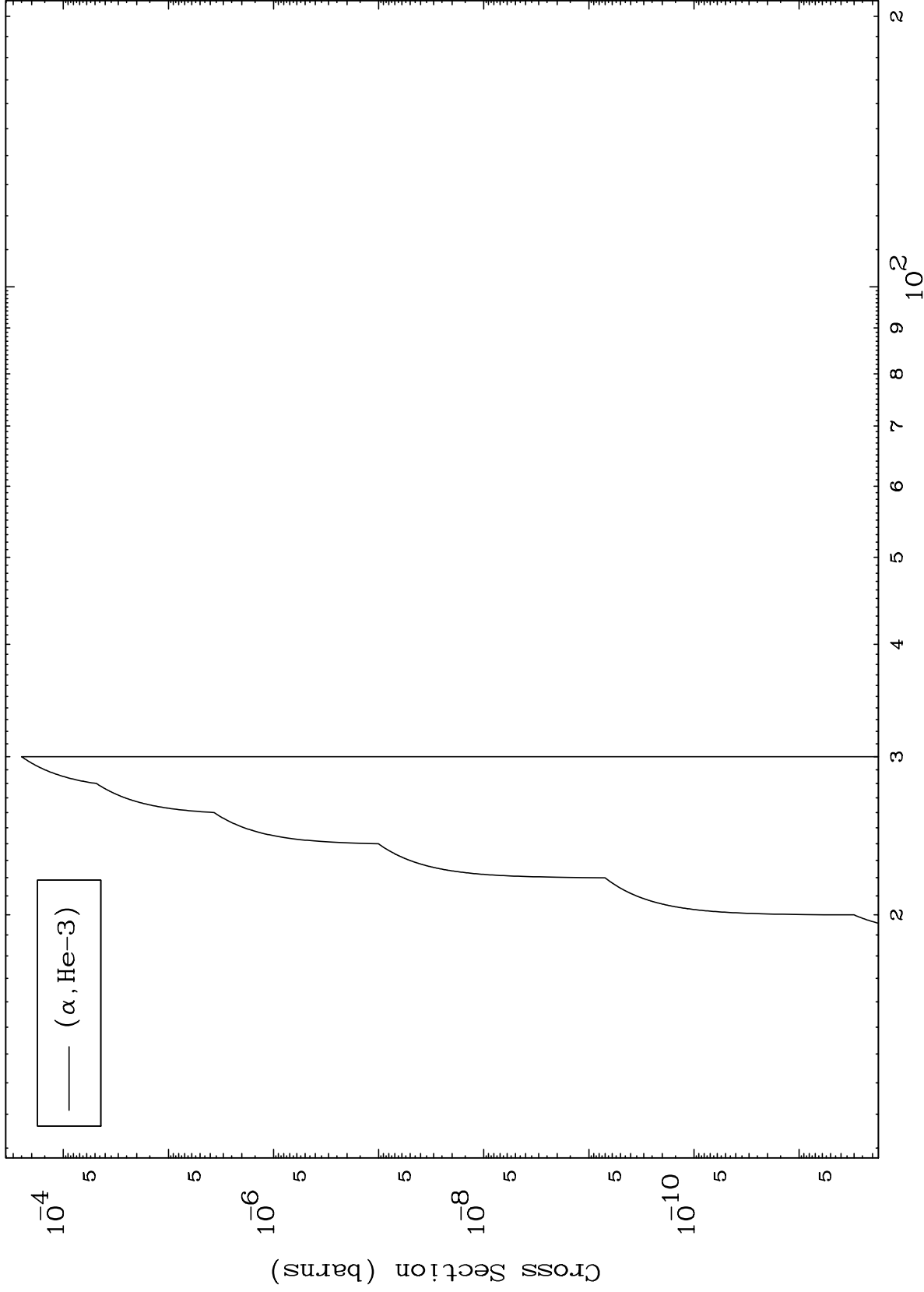
Incident Energy (MeV)

48-Cd-111

MAT 4841

48-Cd-111

(α ,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

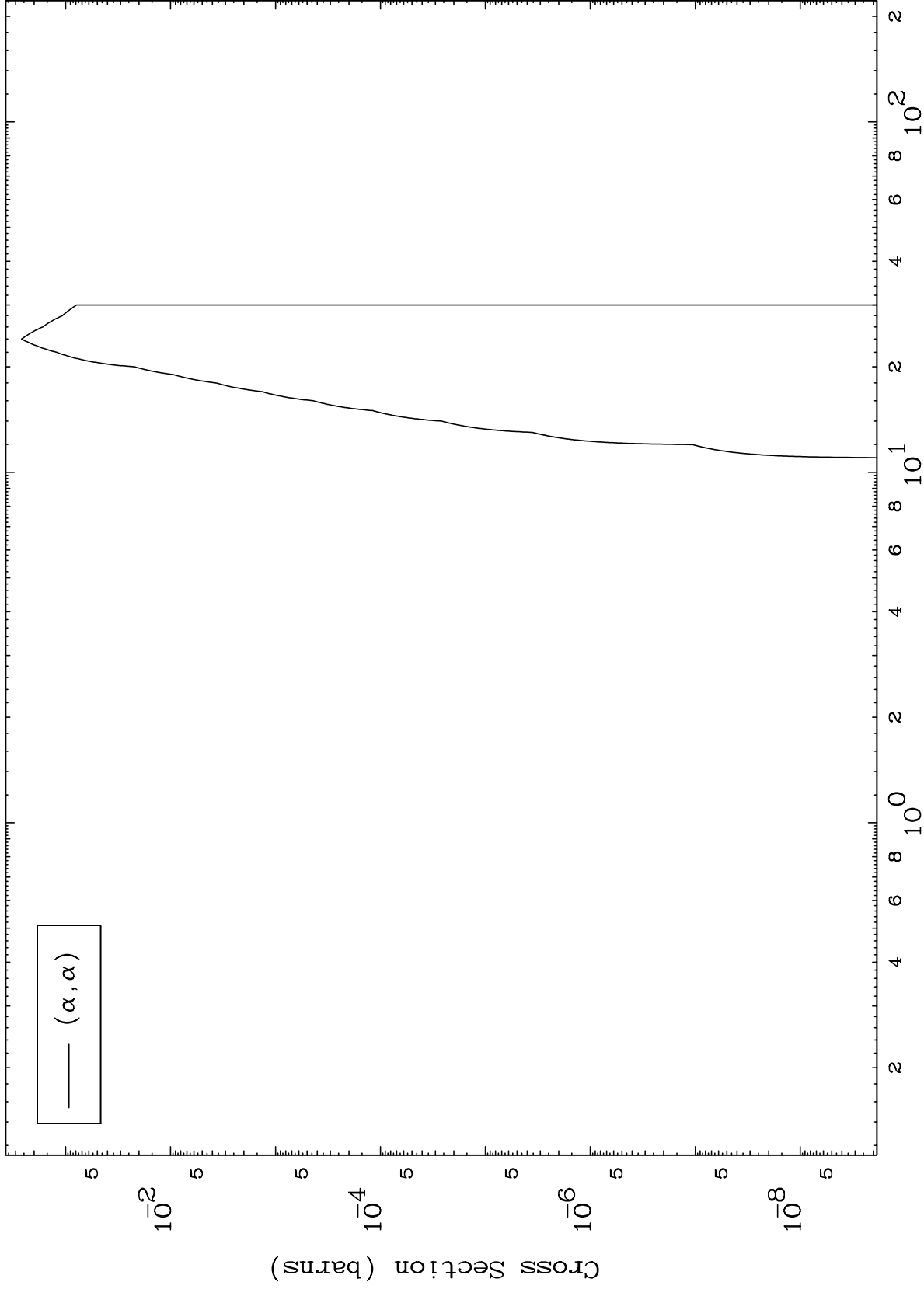
48-Cd-111

MAT 4841

(α, α) Levels

48-Cd-111

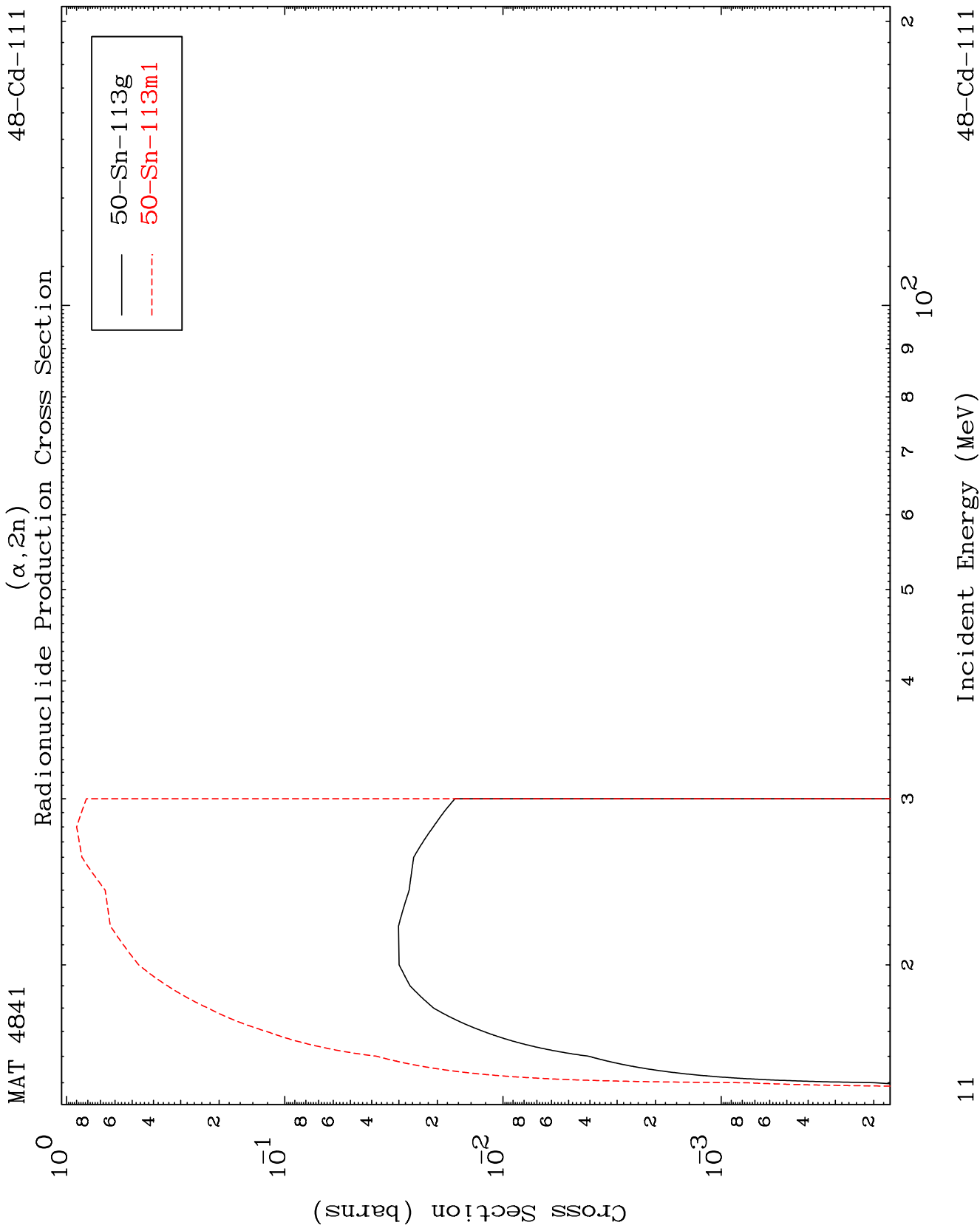
0 Kelvin Cross Sections



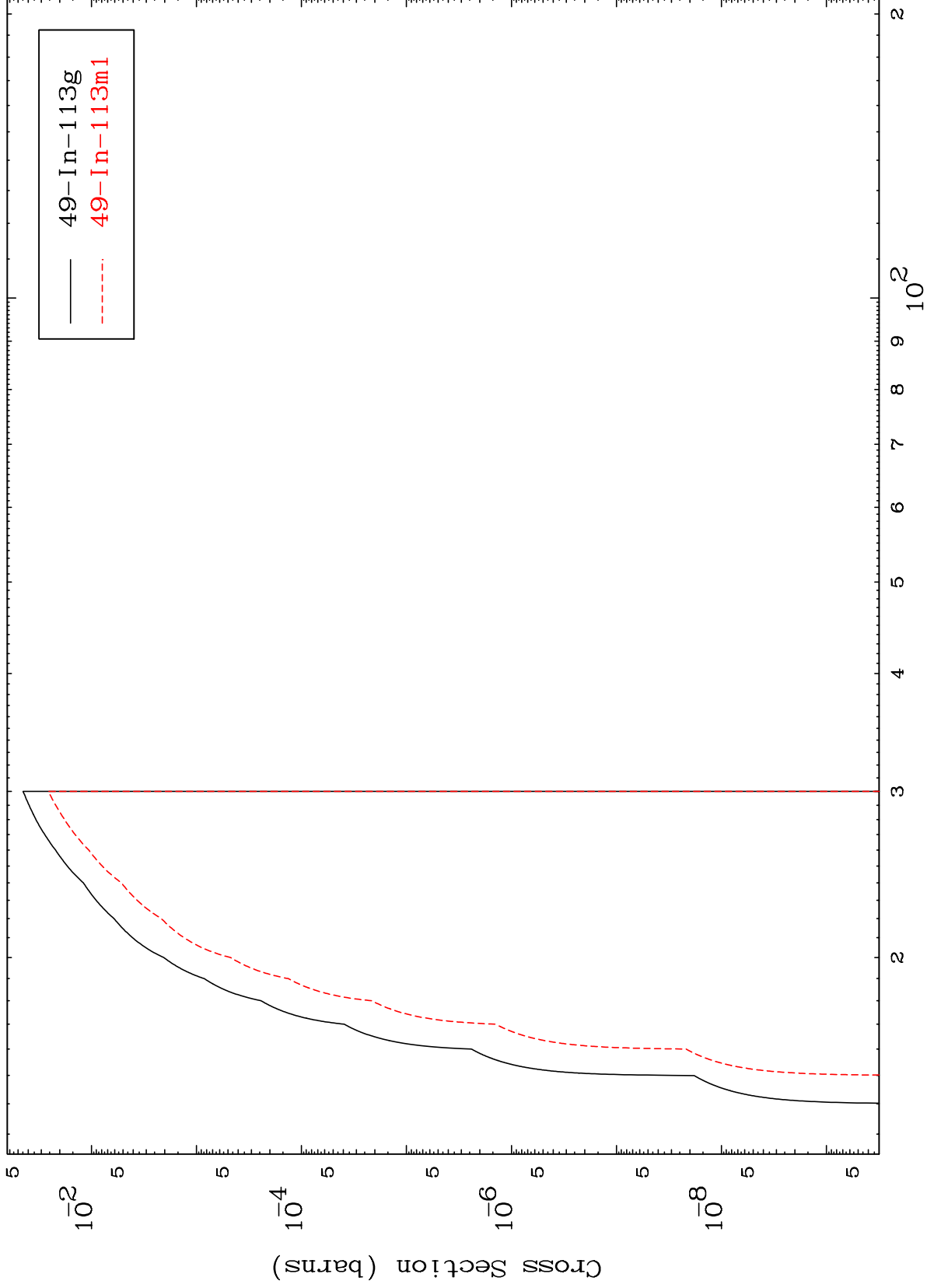
10

Incident Energy (MeV)

48-Cd-111



Radionuclide Production Cross Section

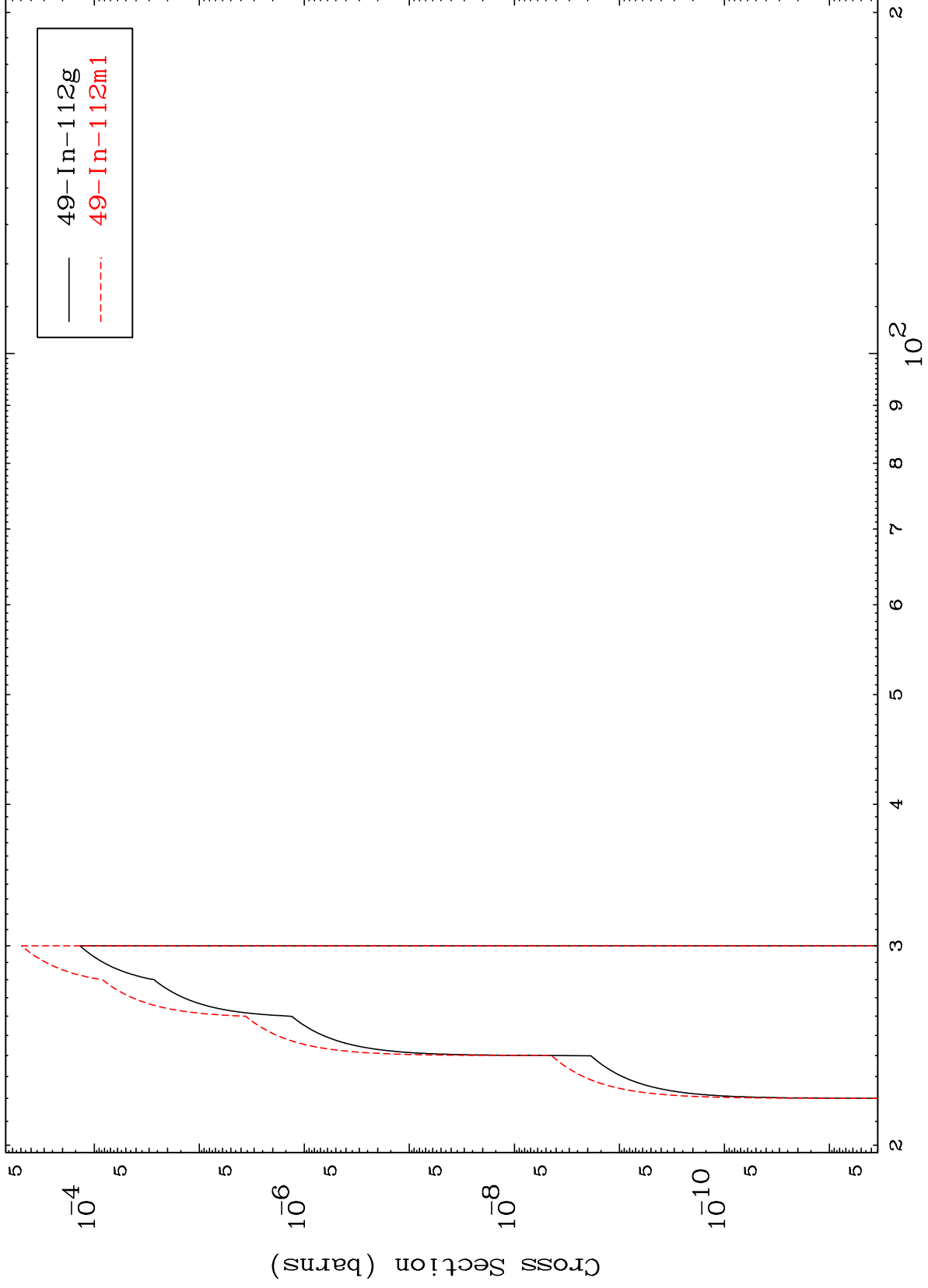


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(α, n') d

48-Cd-111

Radionuclide Production Cross Section



13

Incident Energy (MeV)

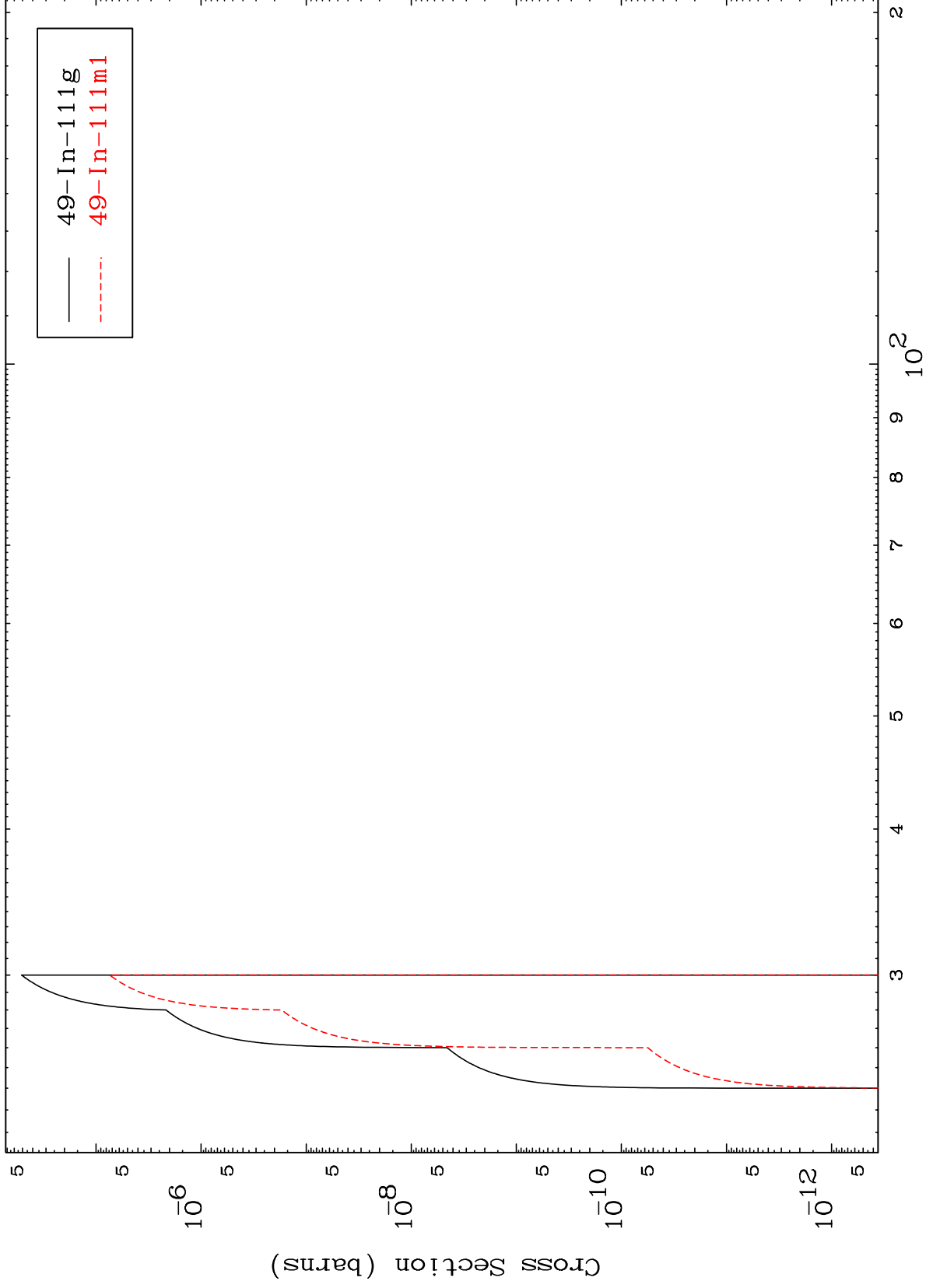
48-Cd-111

MAT 4841

(α, n') t

48-Cd-111

Radionuclide Production Cross Section



14

Incident Energy (MeV)

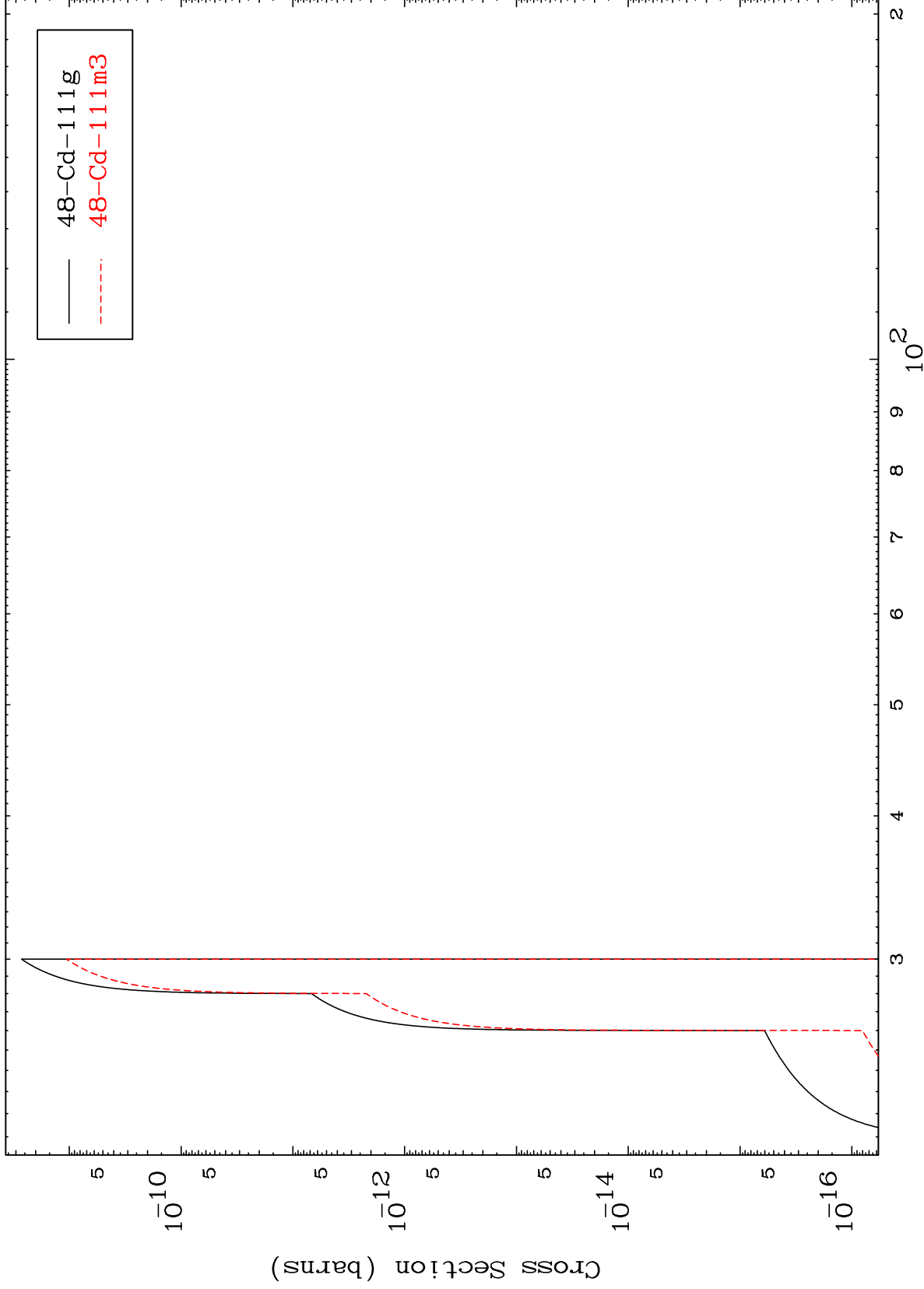
48-Cd-111

MAT 4841

(α, n') He-3

48-Cd-111

Radionuclide Production Cross Section



15

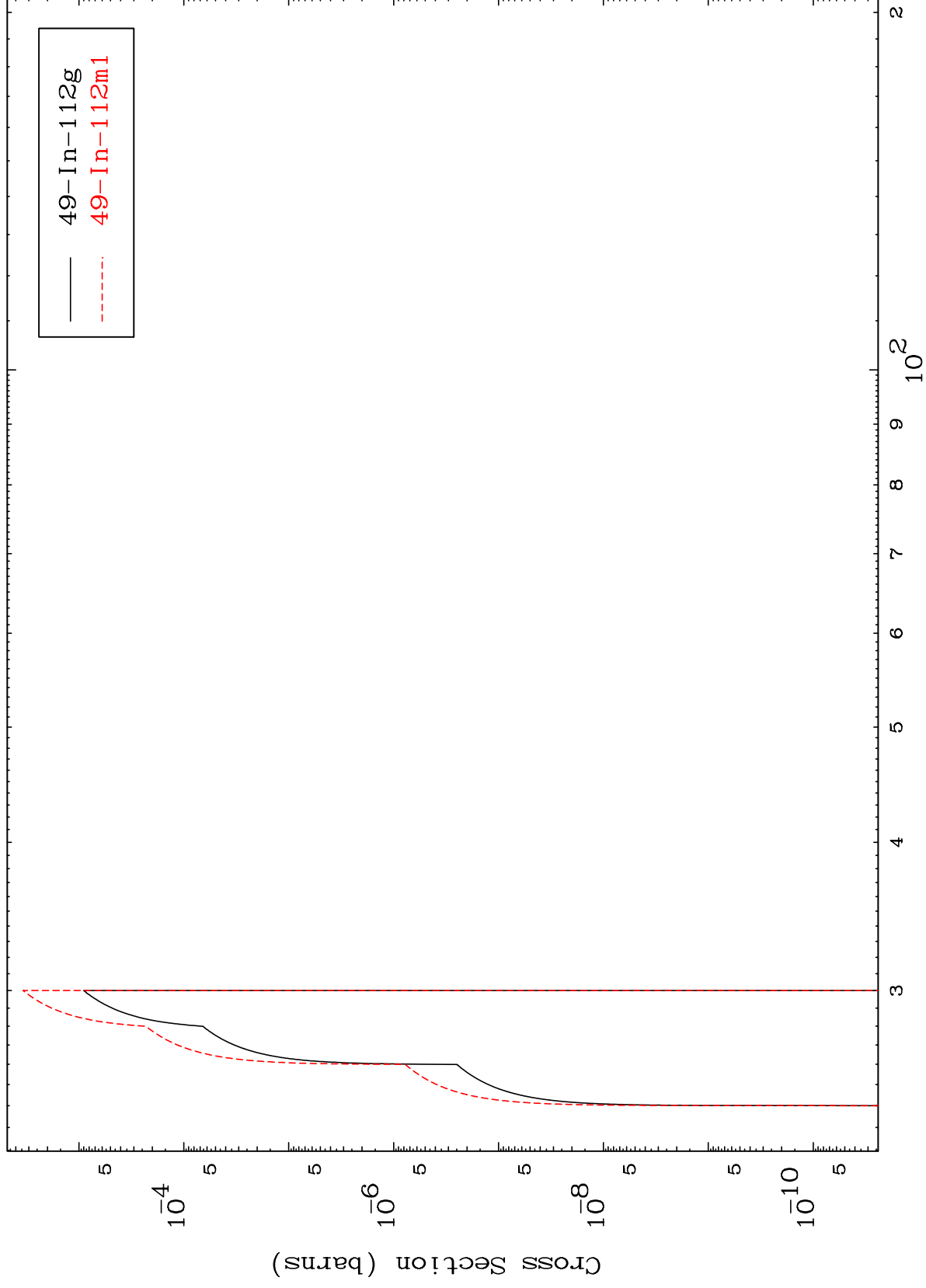
Incident Energy (MeV)

48-Cd-111

MAT 4841

48-Cd-111

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



16

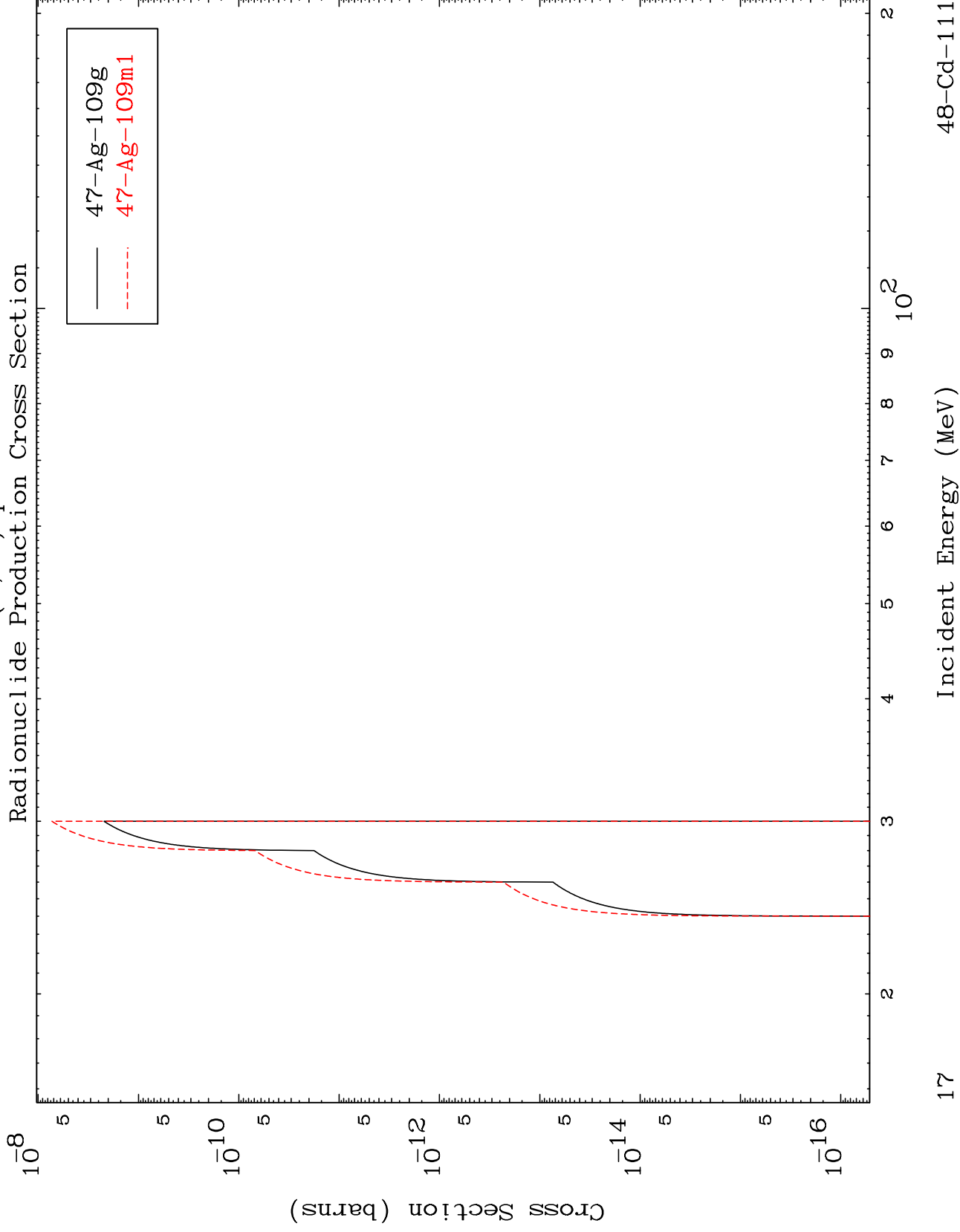
Incident Energy (MeV)

48-Cd-111

MAT 4841

(α, n') p α

48-Cd-111



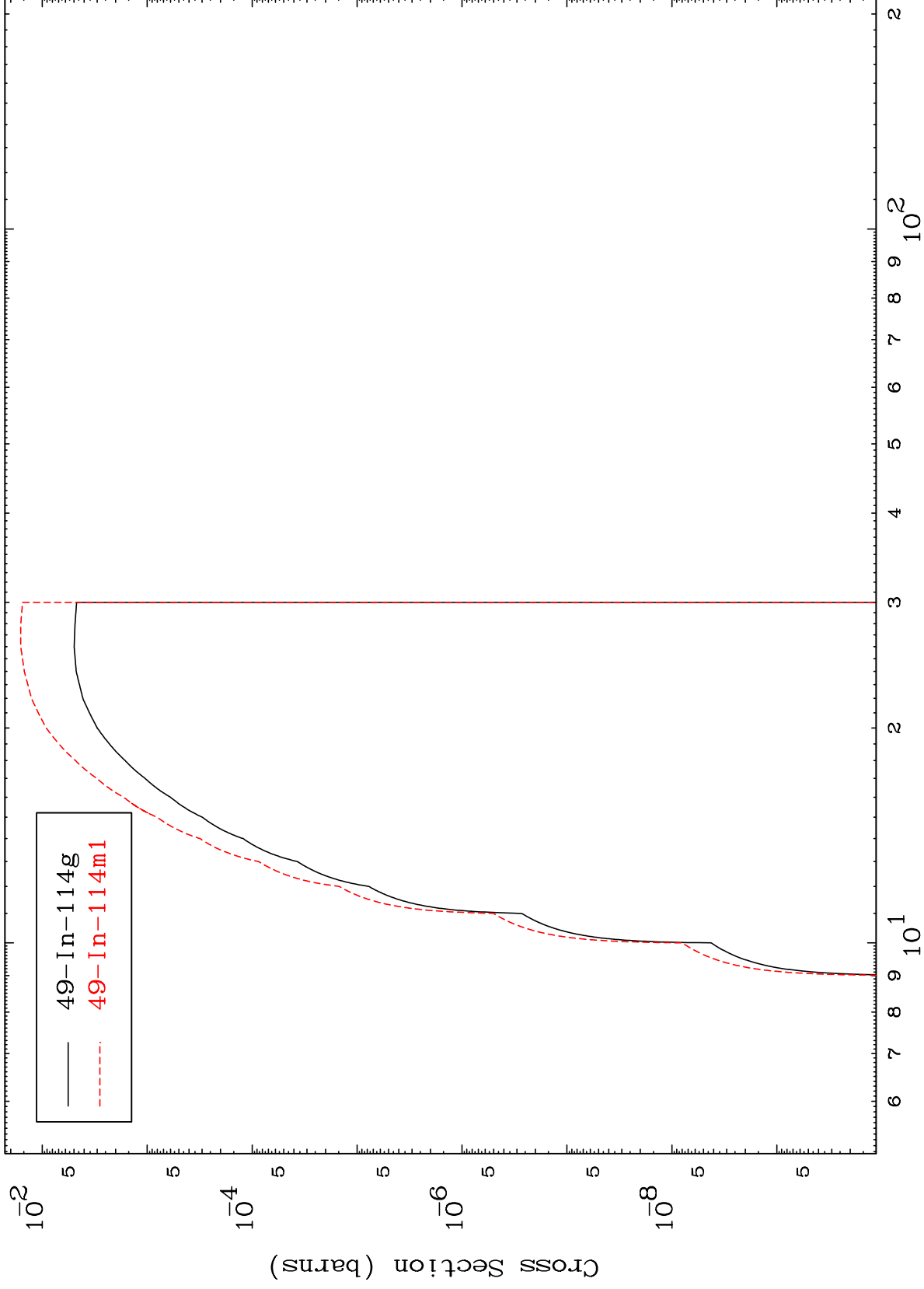
17

48-Cd-111

MAT 4841

48-Cd-111

(α, p)
Radionuclide Production Cross Section



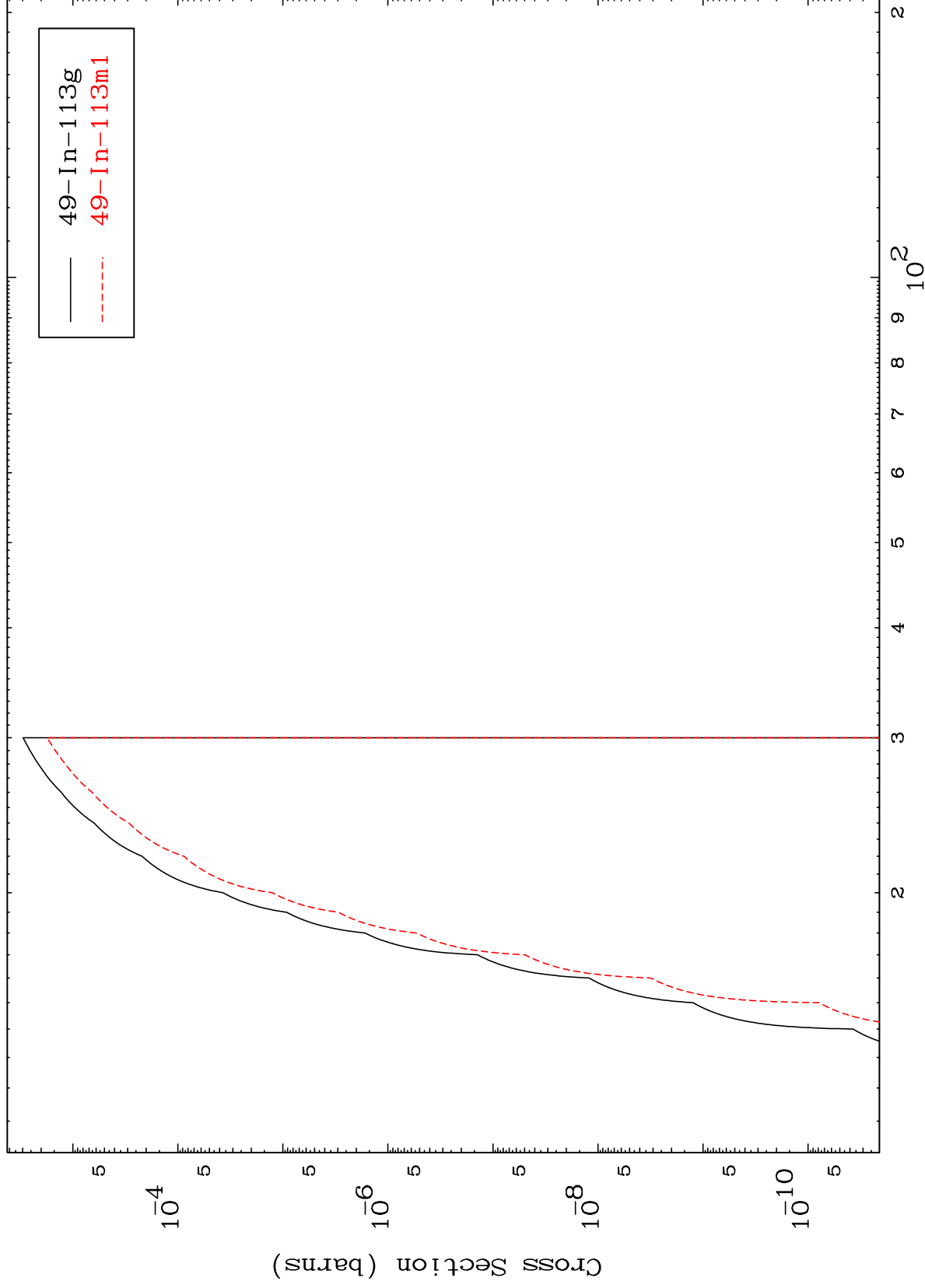
— 49-In-114g
- - - 49-In-114m1

18

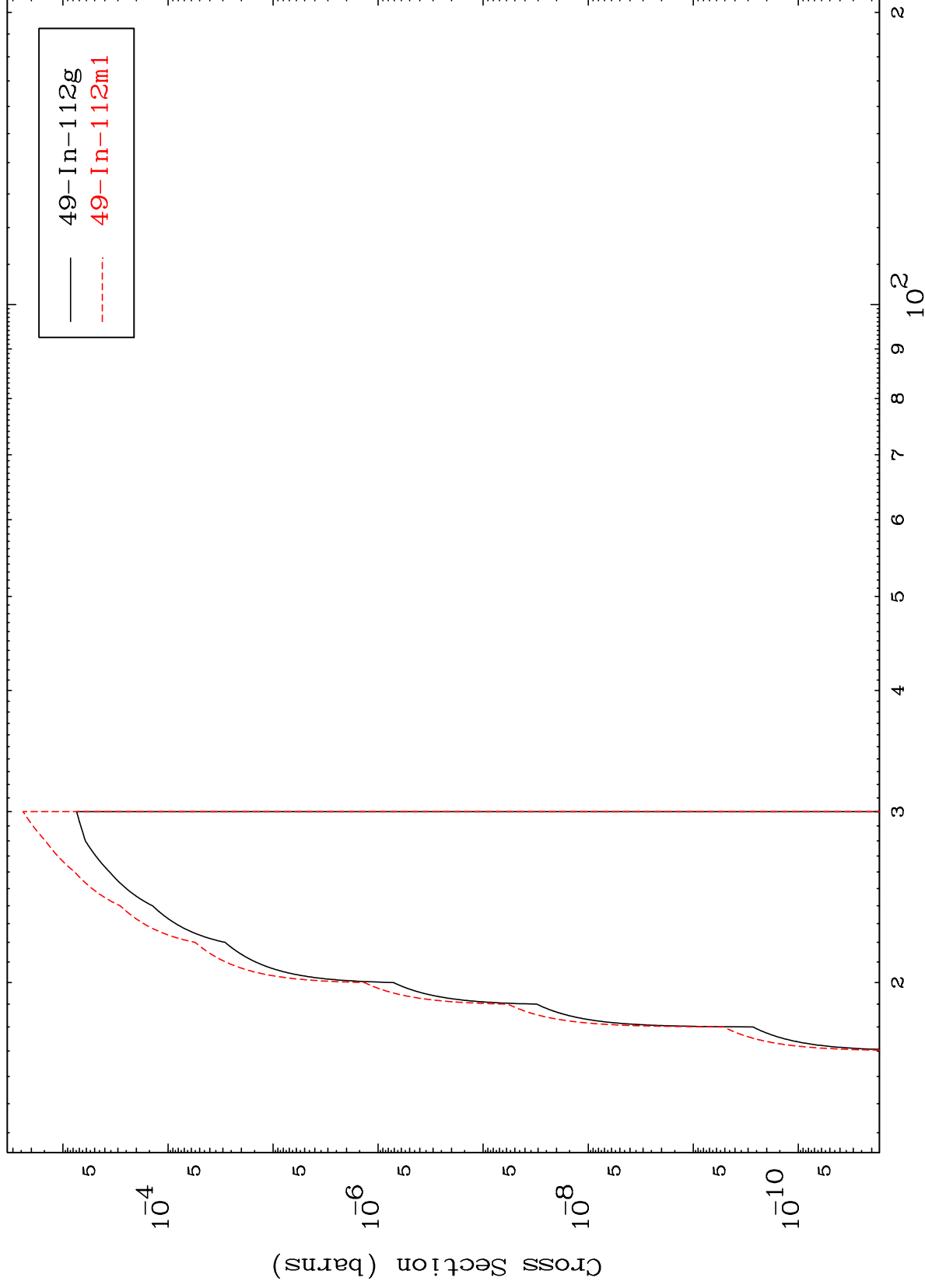
Incident Energy (MeV)

48-Cd-111

Radionuclide Production Cross Section



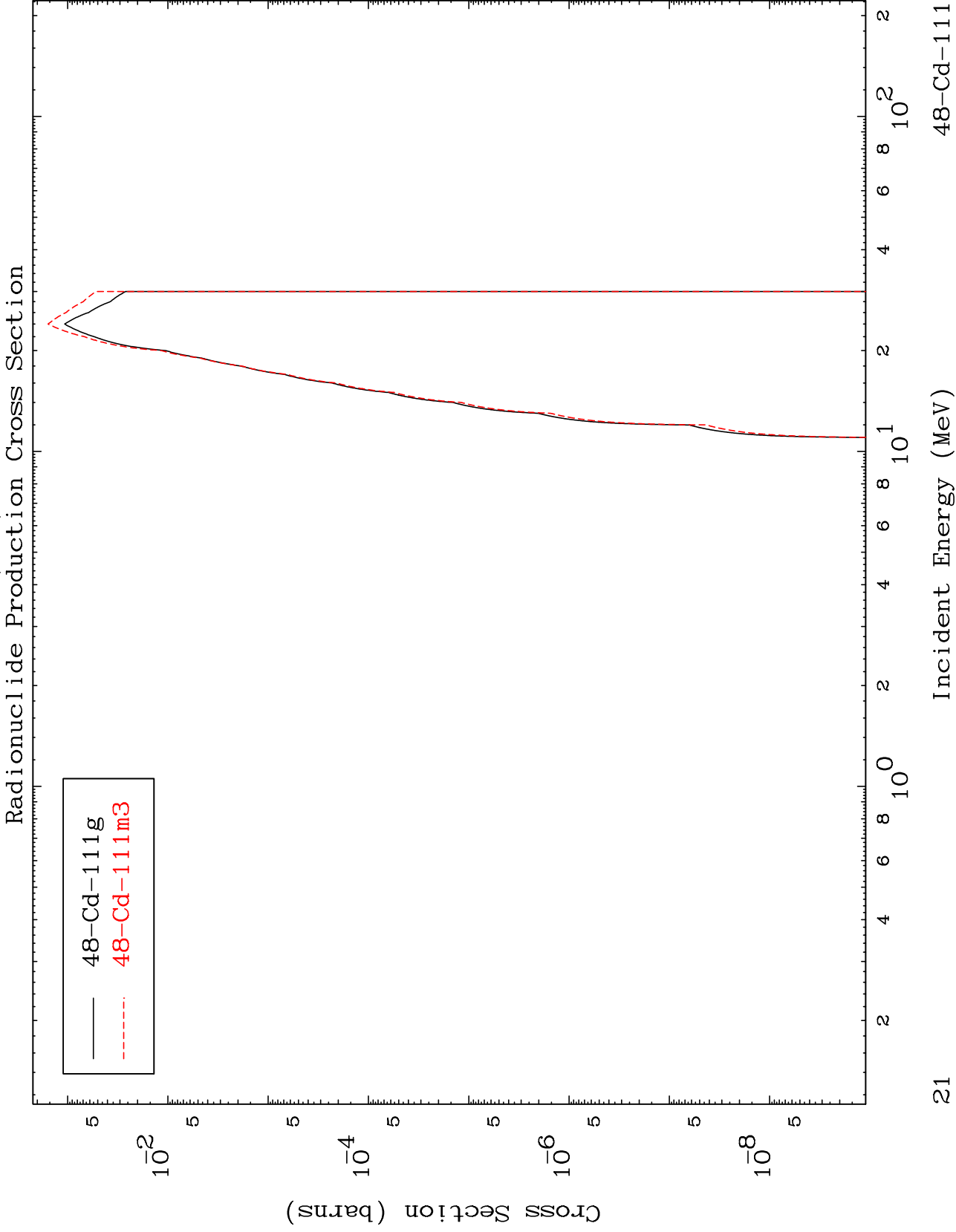
Radionuclide Production Cross Section



MAT 4841

(α, α)

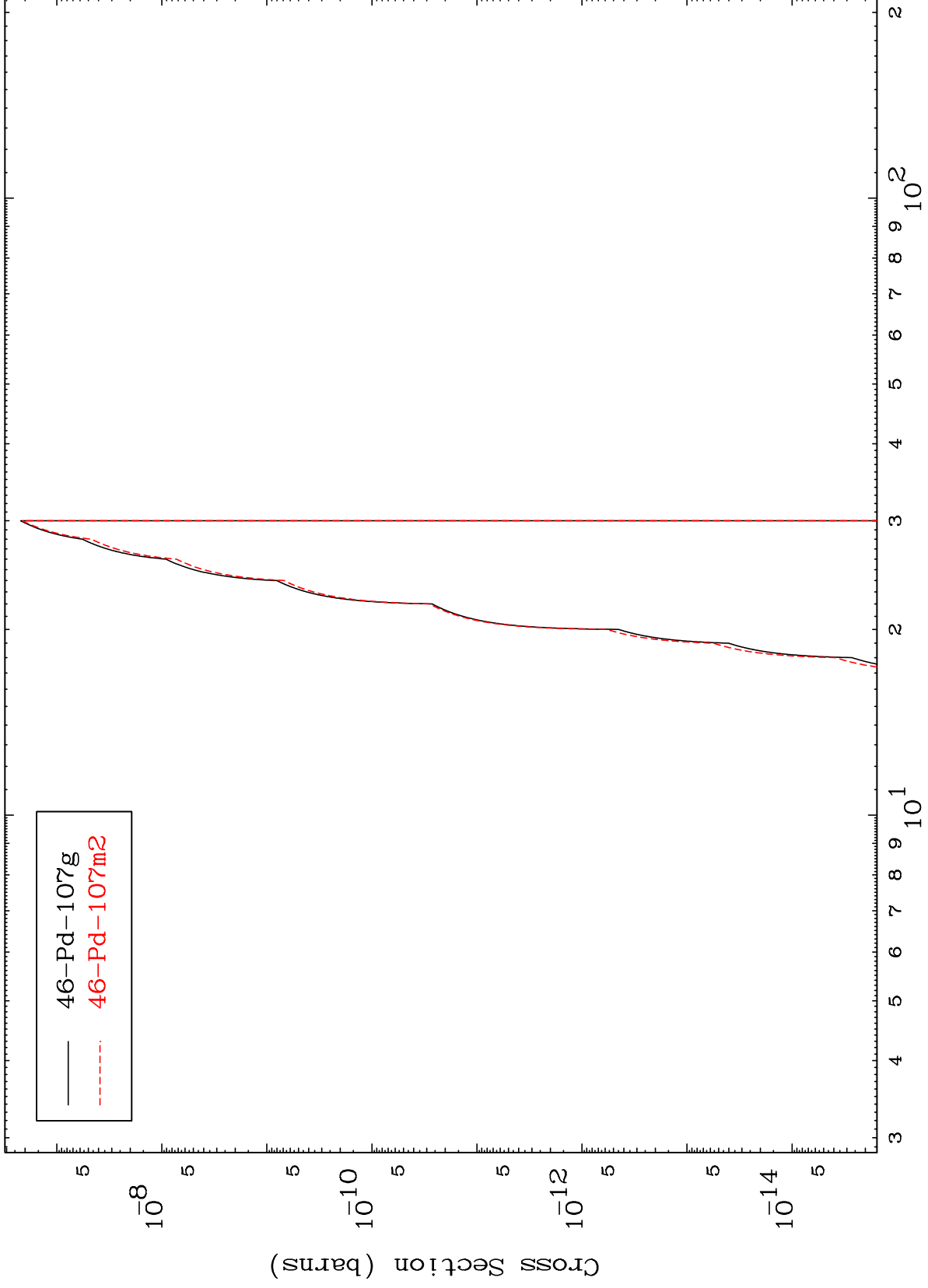
48-Cd-111



MAT 4841

48-Cd-111

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

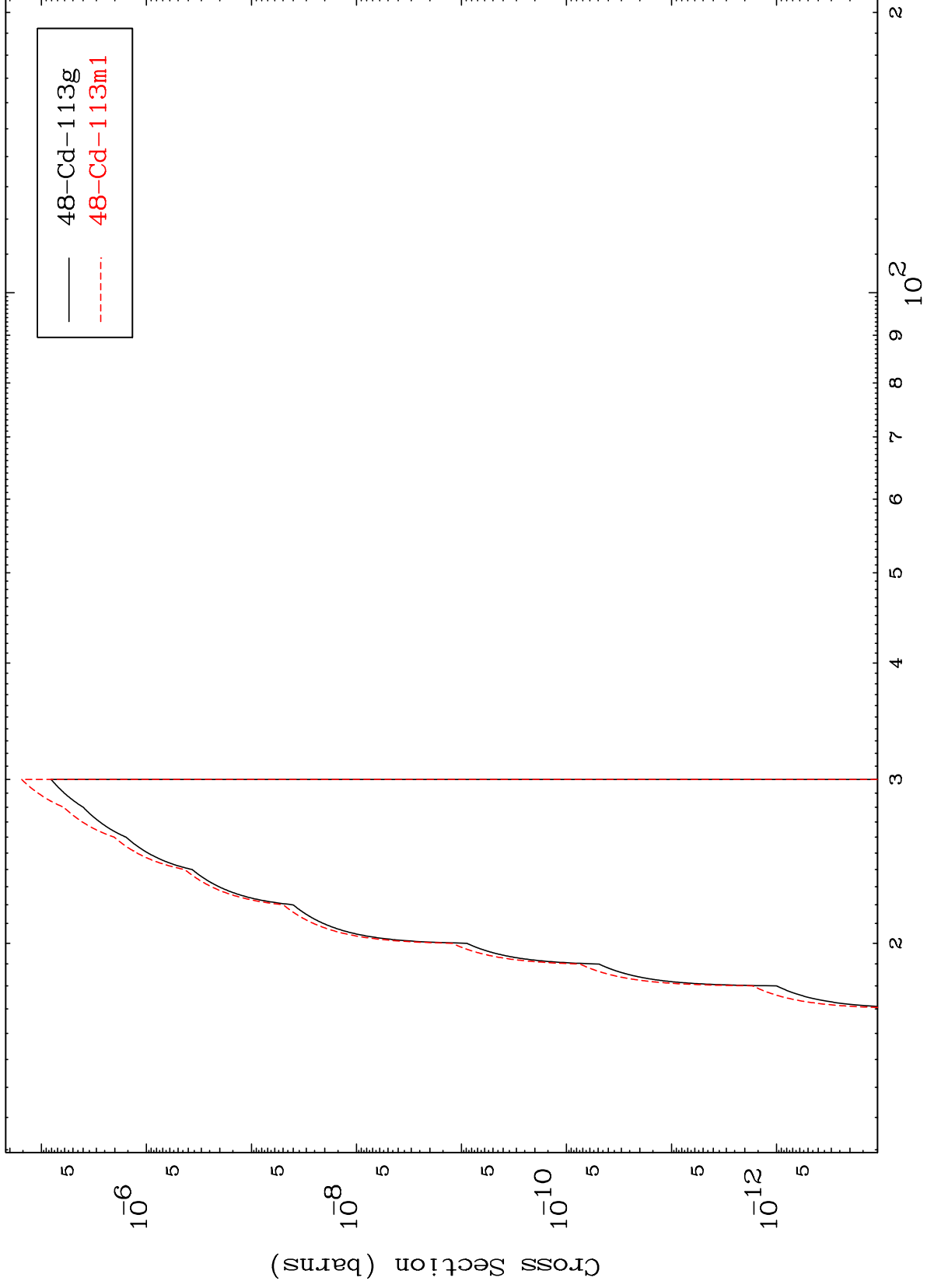


22

Incident Energy (MeV)

48-Cd-111

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

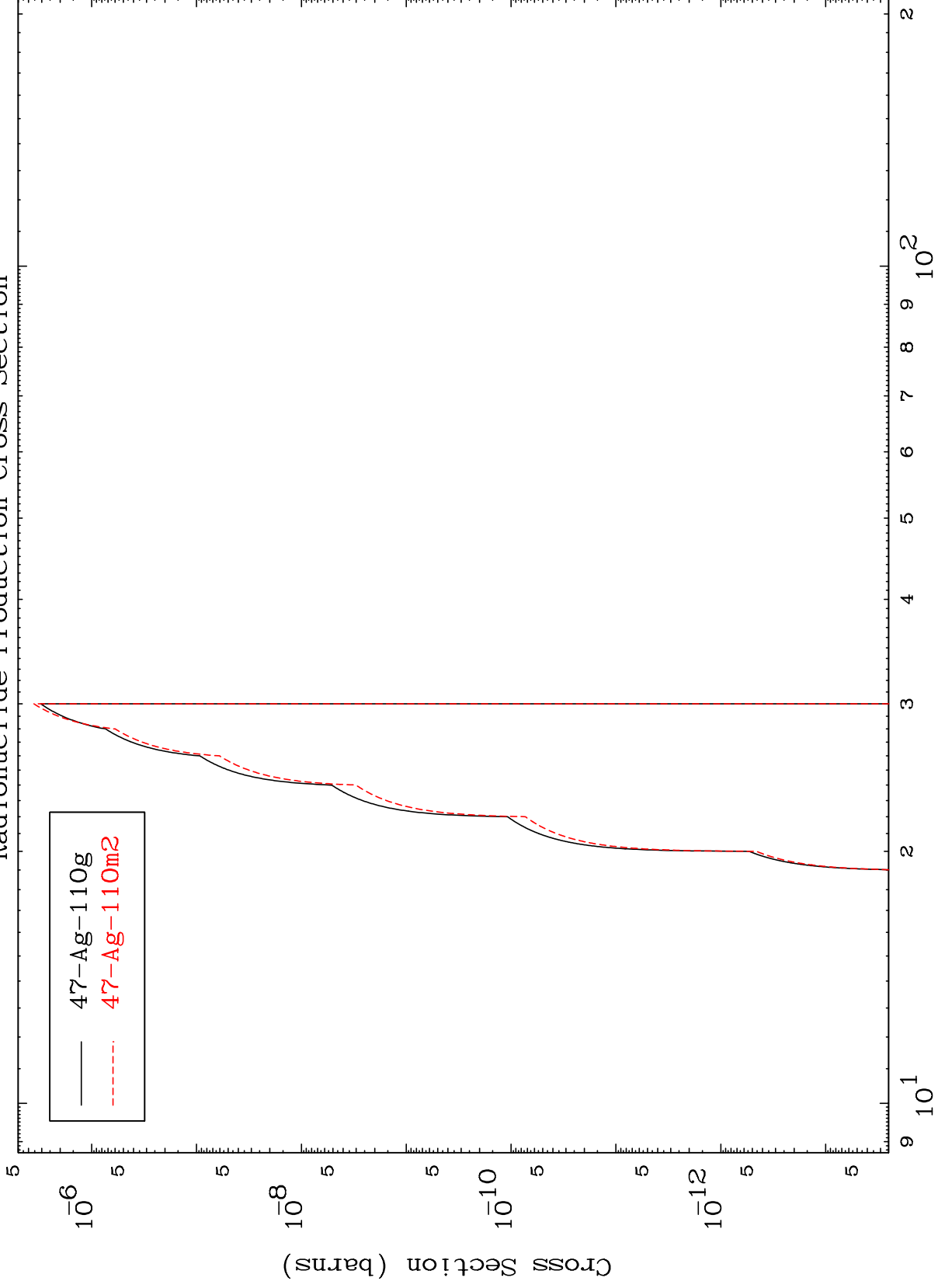


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(α, p) α

48-Cd-111

Radionuclide Production Cross Section



— 47-Ag-110g
- - - 47-Ag-110m2

24

Incident Energy (MeV)

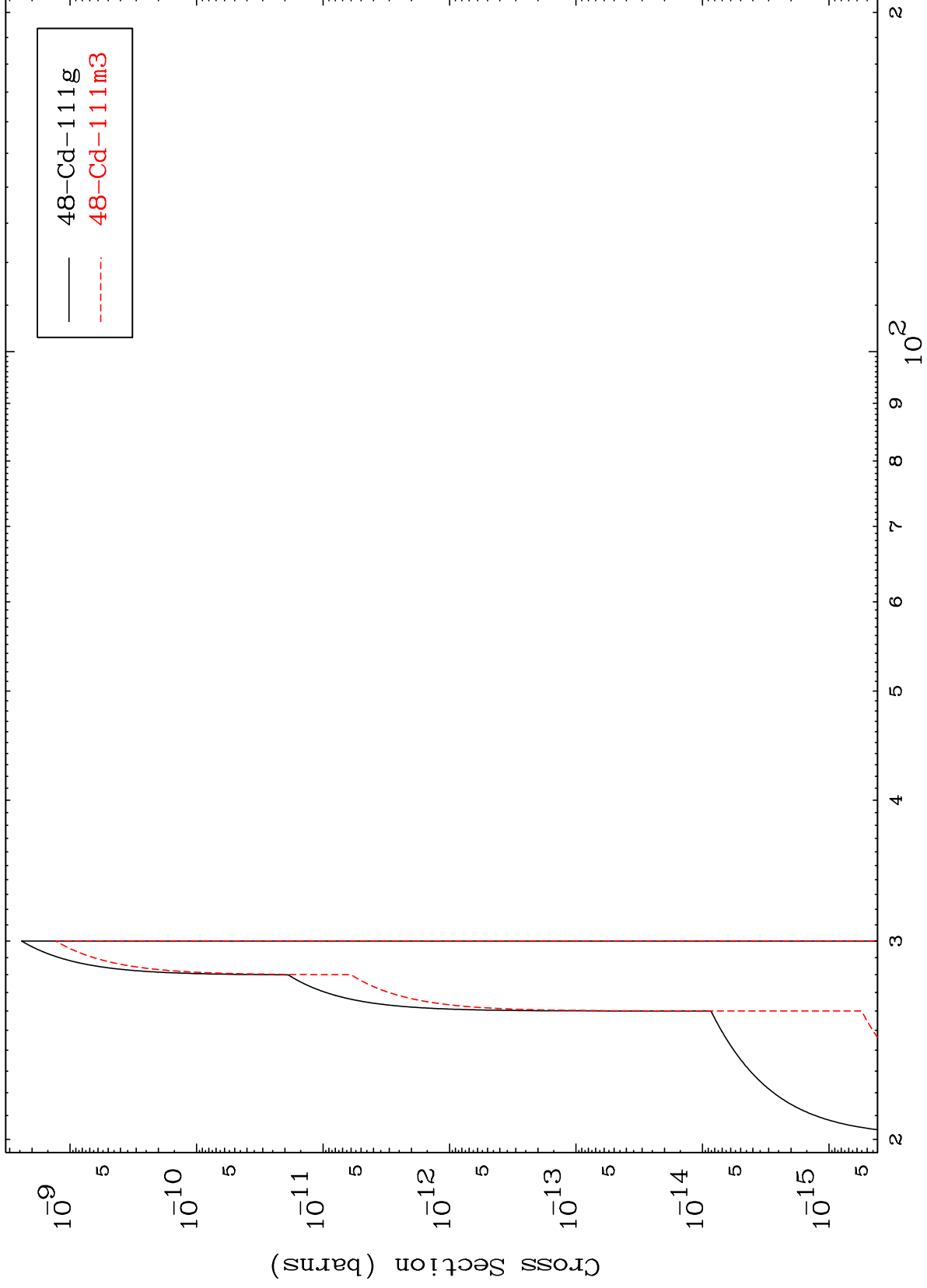
48-Cd-111

MAT 4841

(α, p) t

48-Cd-111

Radionuclide Production Cross Section



25

Incident Energy (MeV)

48-Cd-111