

Program EVALPLOT
(Version 2021-1)

by

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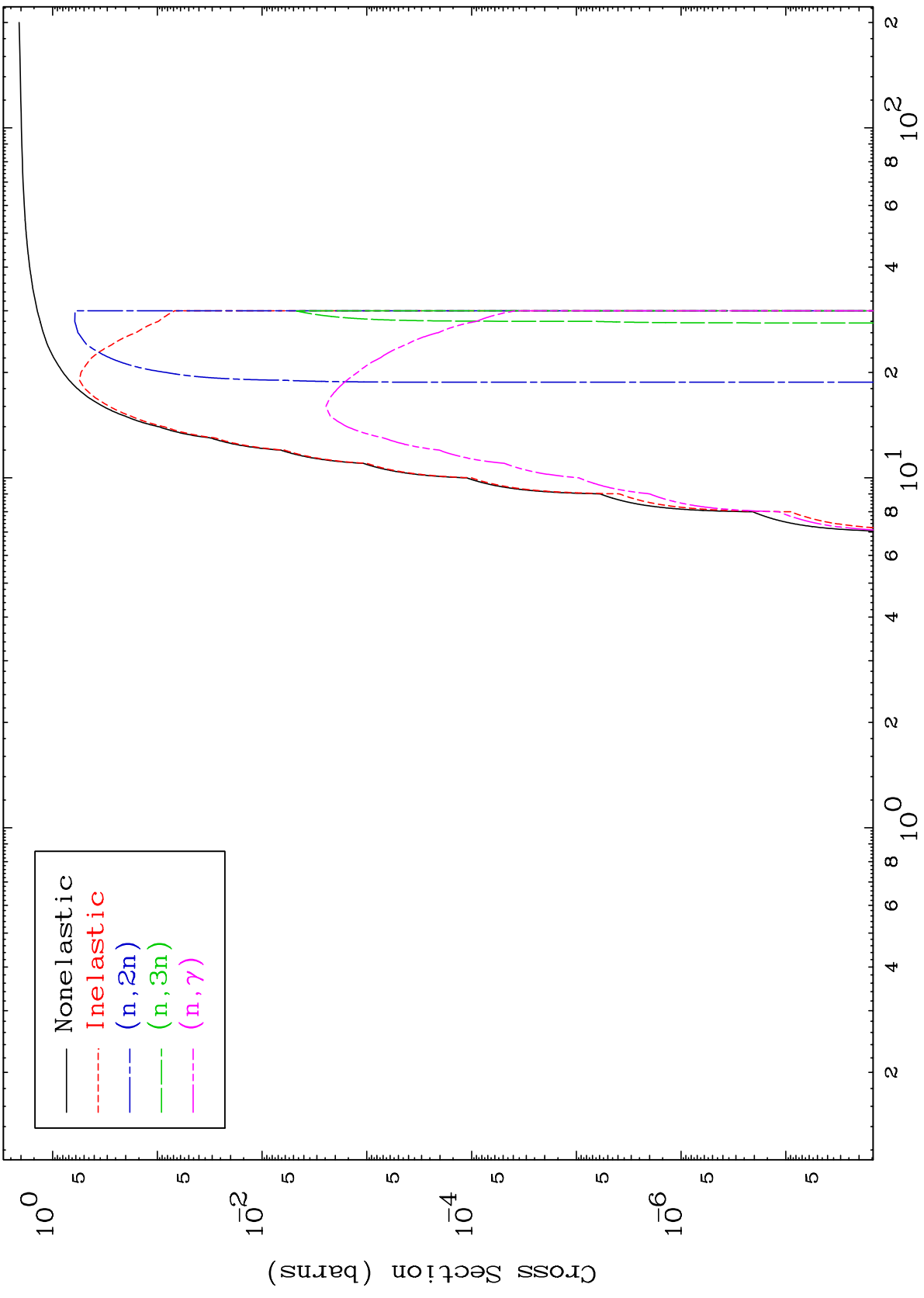
Press Mouse Button to Start

MAT 4828

α Major

48-Cd-107

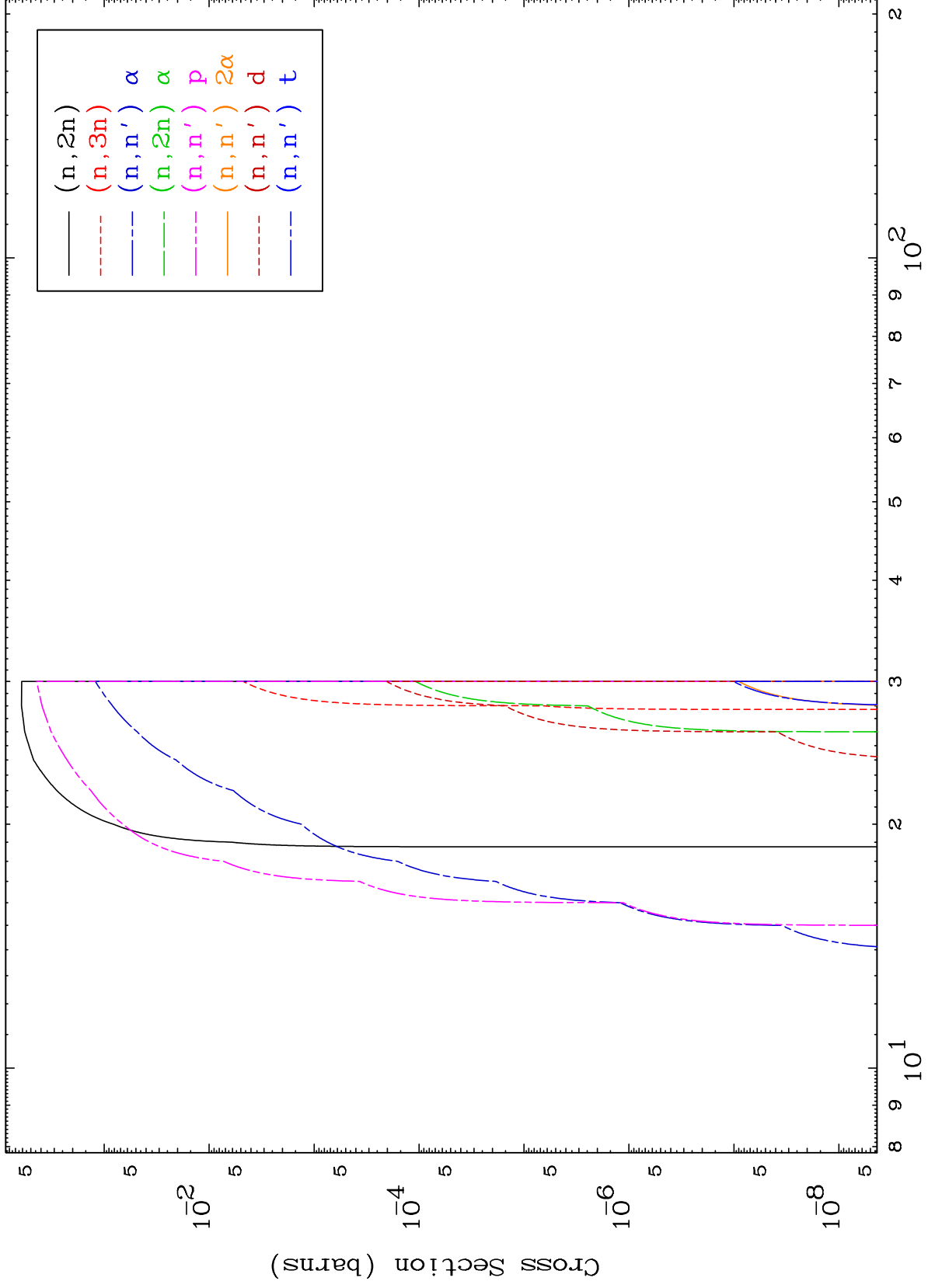
0 Kelvin Cross Sections



MAT 4828

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-107



2

Incident Energy (MeV)

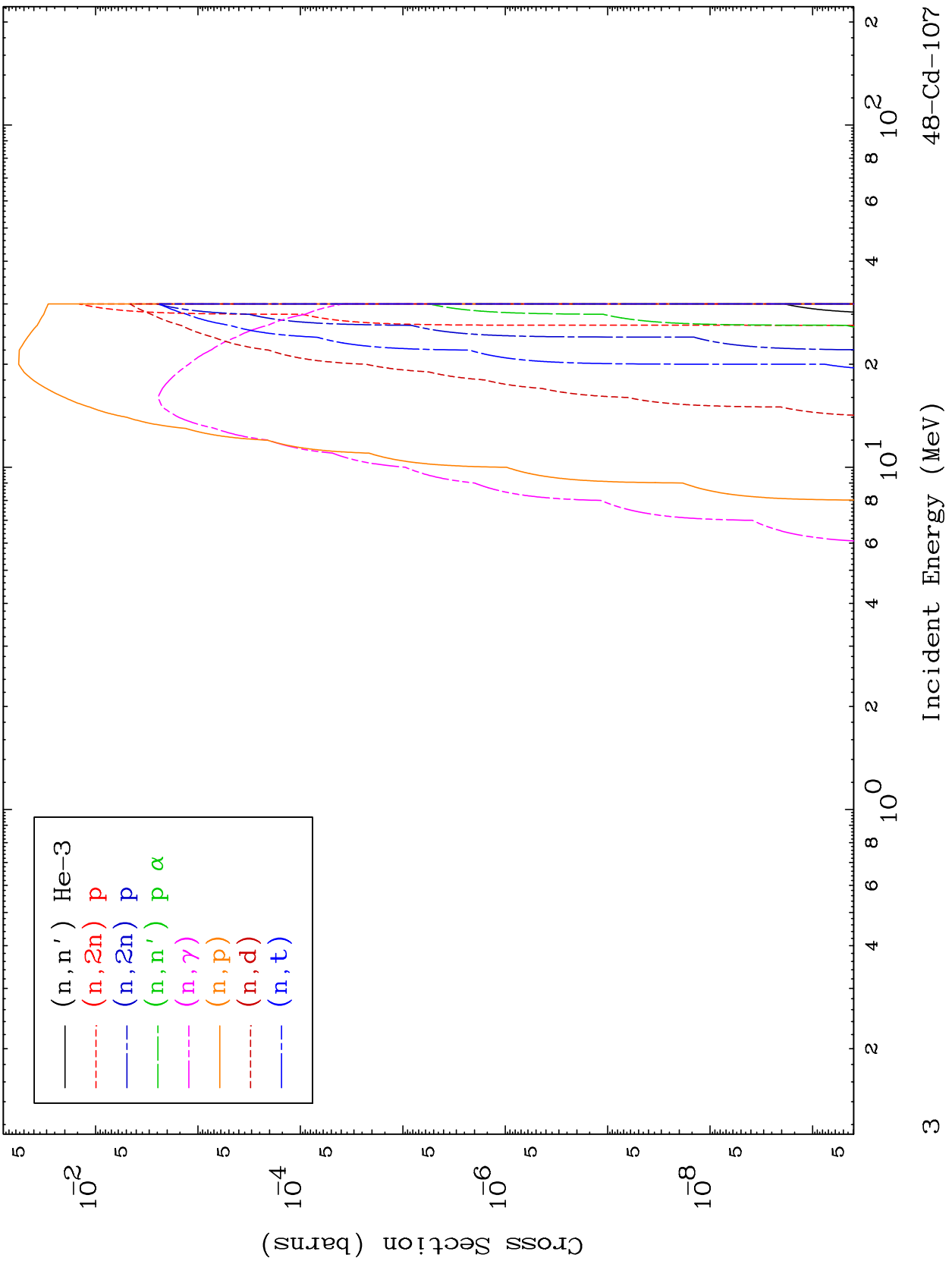
48-Cd-107

MAT 4828

α Neutron Absorption

48-Cd-107

0 Kelvin Cross Sections



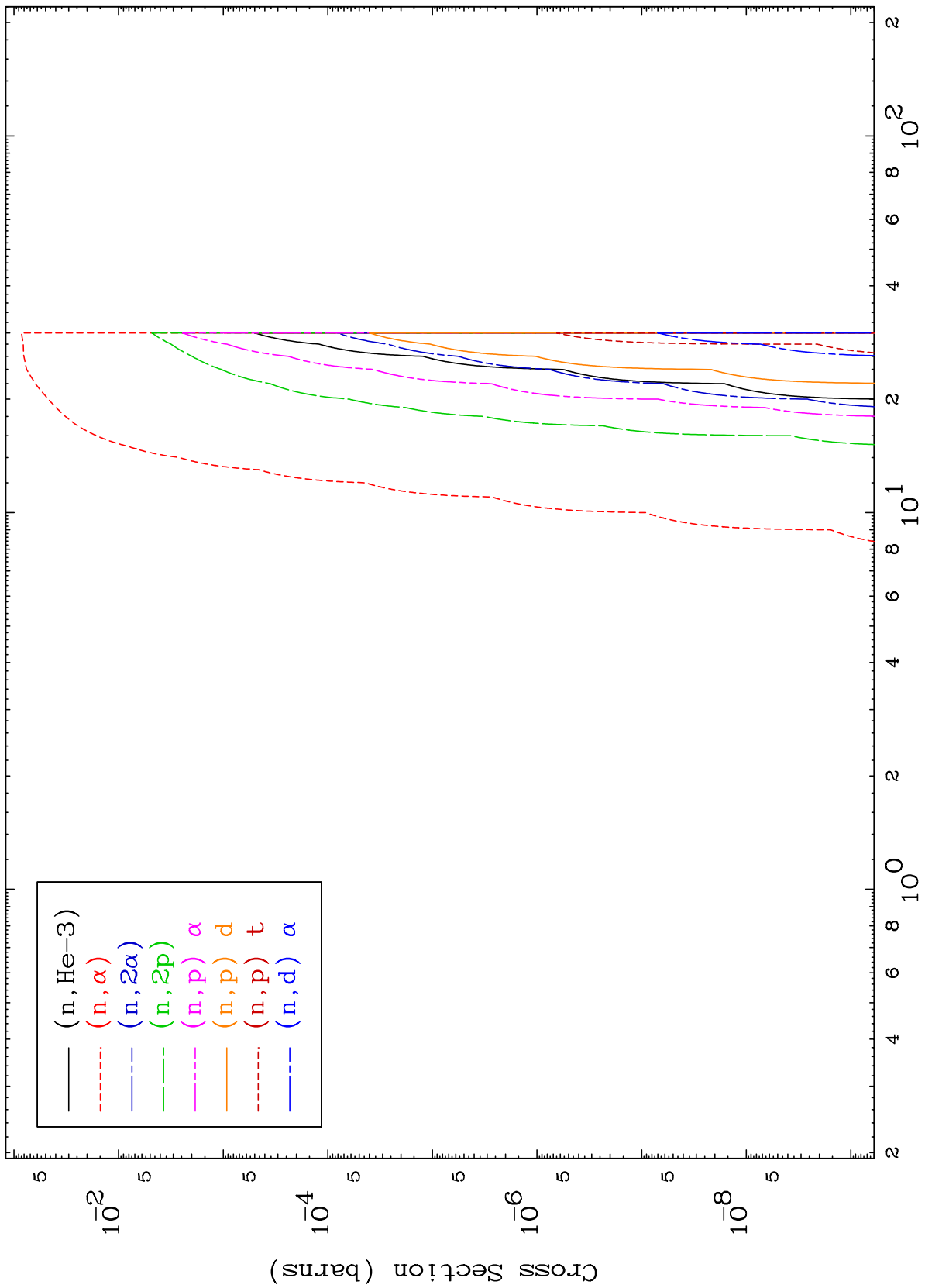
48-Cd-107

Incident Energy (MeV)

MAT 4828

α Neutron Absorption
0 Kelvin Cross Sections

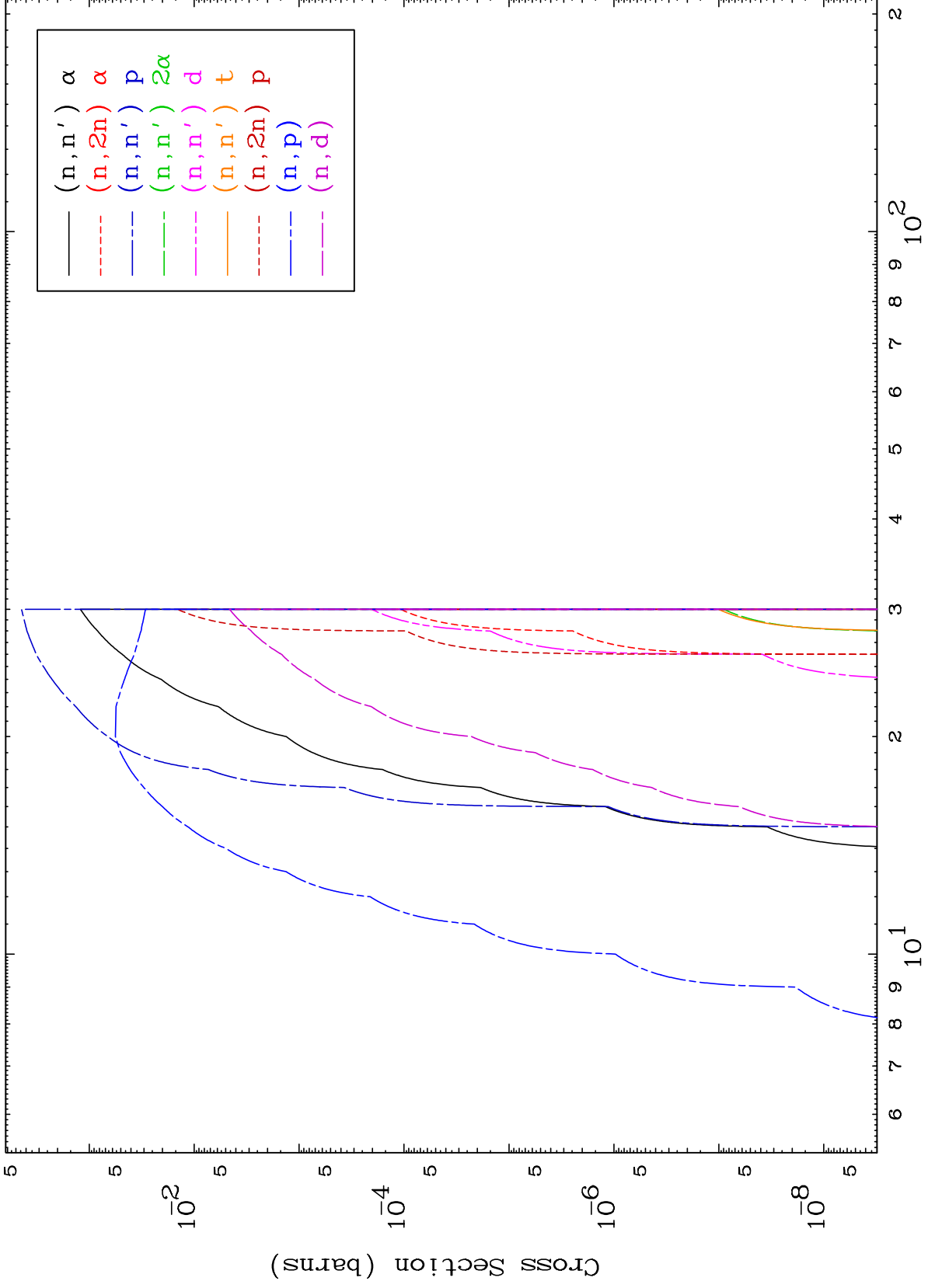
48-Cd-107



4

Incident Energy (MeV)

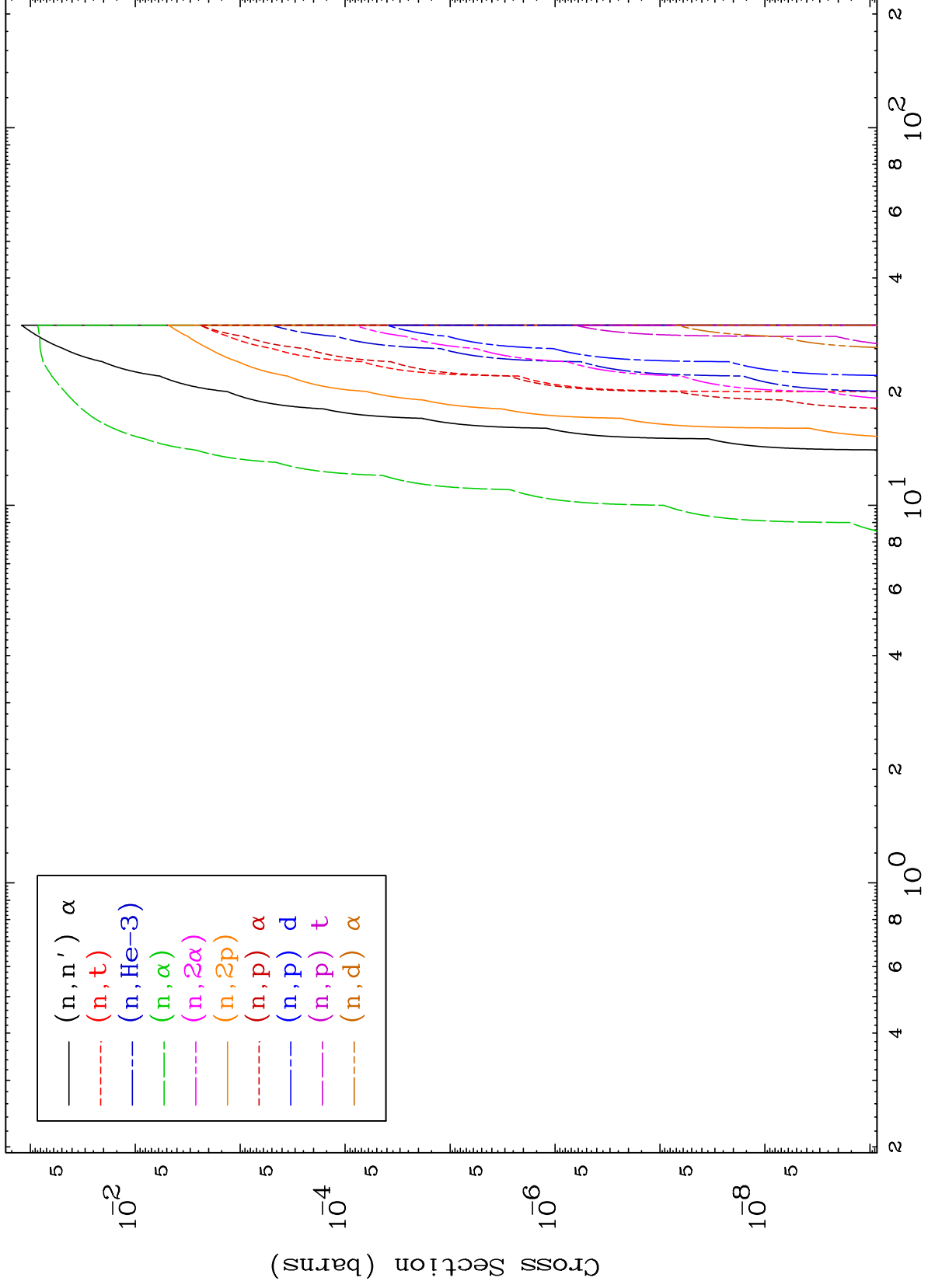
48-Cd-107



MAT 4828

α Charged Particle
0 Kelvin Cross Sections

48-Cd-107



6

Incident Energy (MeV)

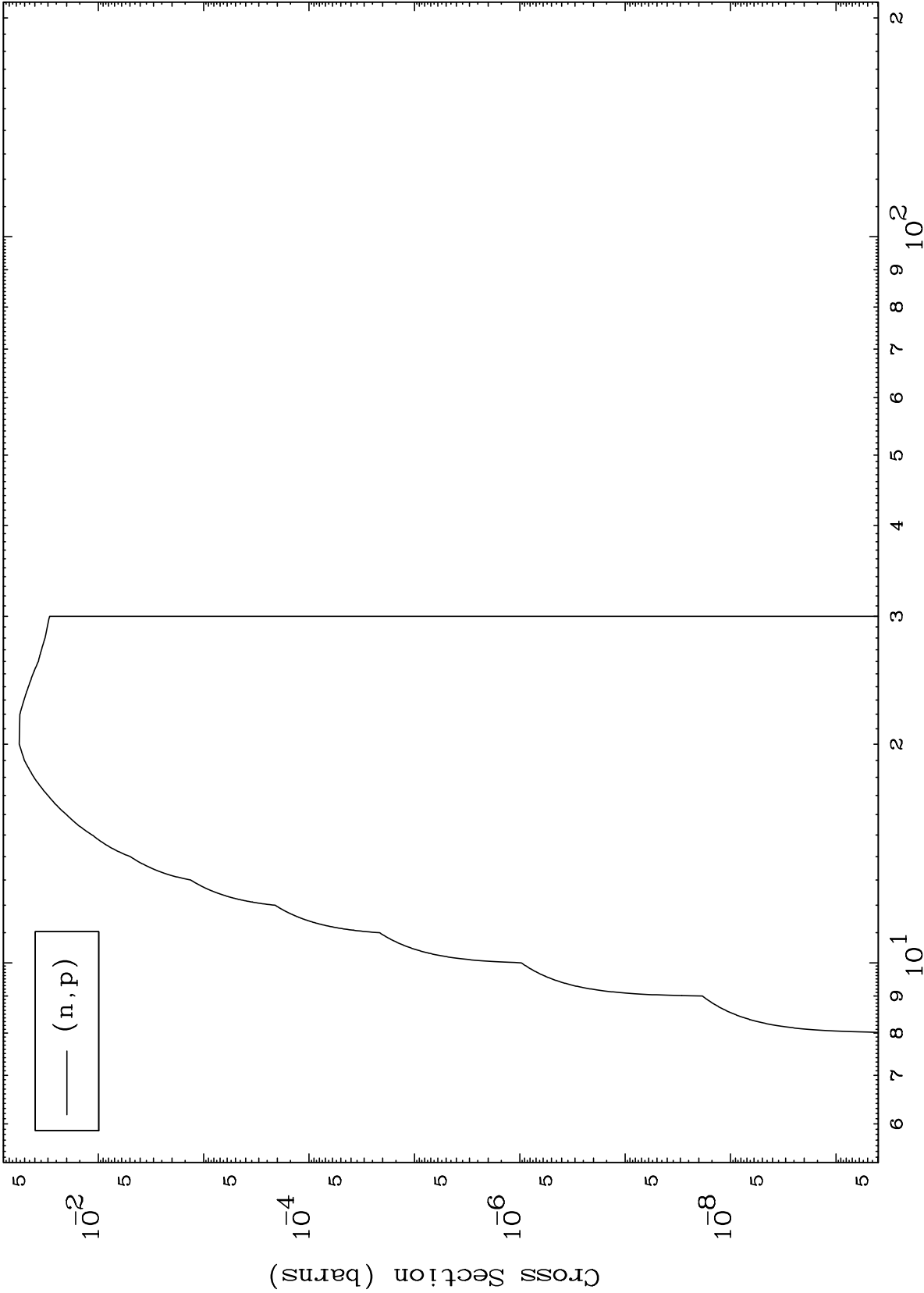
48-Cd-107

MAT 4828

(α, p) Levels

48-Cd-107

0 Kelvin Cross Sections



7

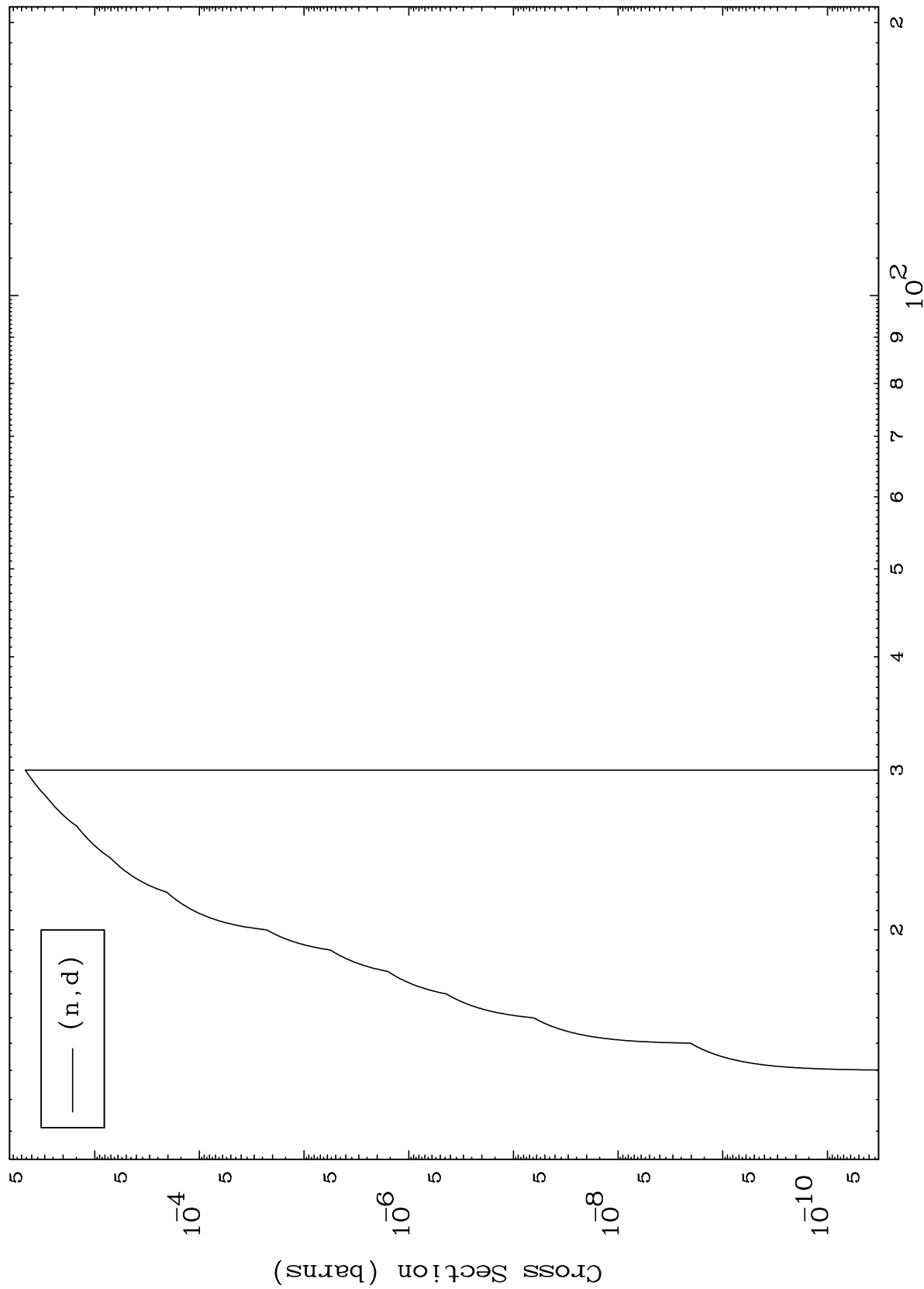
Incident Energy (MeV)

48-Cd-107

MAT 4828

48-Cd-107

(α, d) Levels
0 Kelvin Cross Sections



48-Cd-107

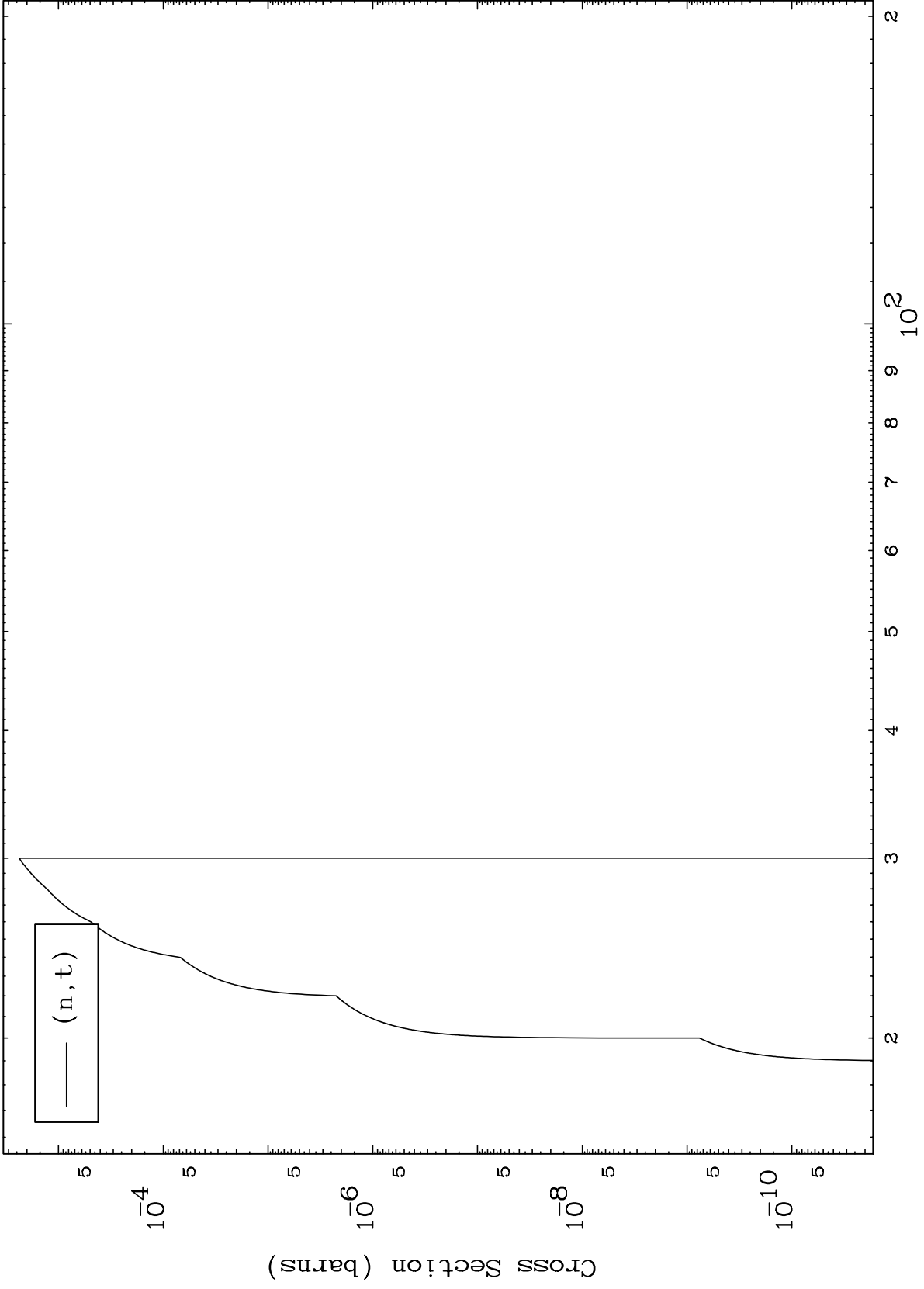
Incident Energy (MeV)

8

MAT 4828

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-107



9

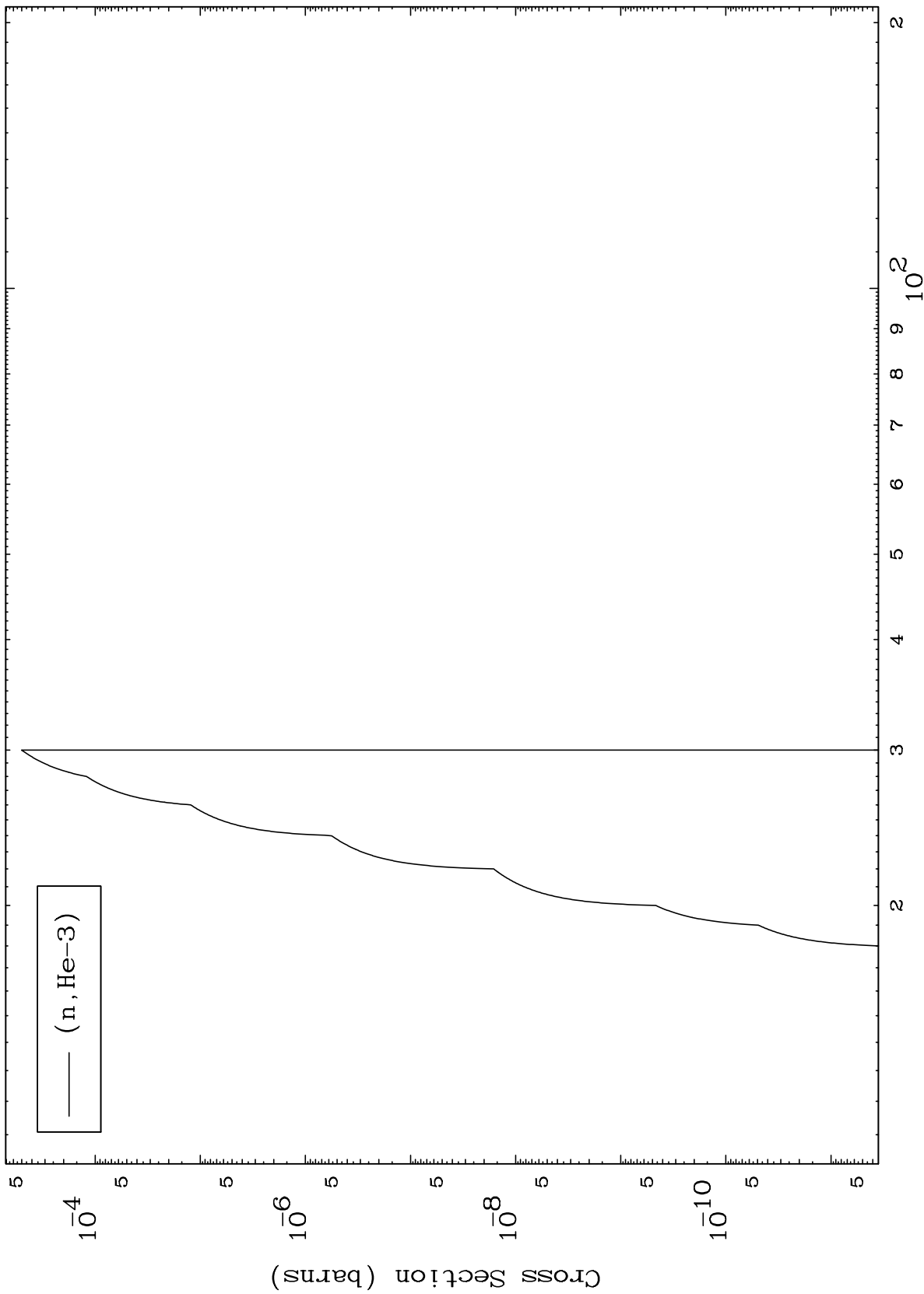
Incident Energy (MeV)

48-Cd-107

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48-Cd-107

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



48-Cd-107

Incident Energy (MeV)

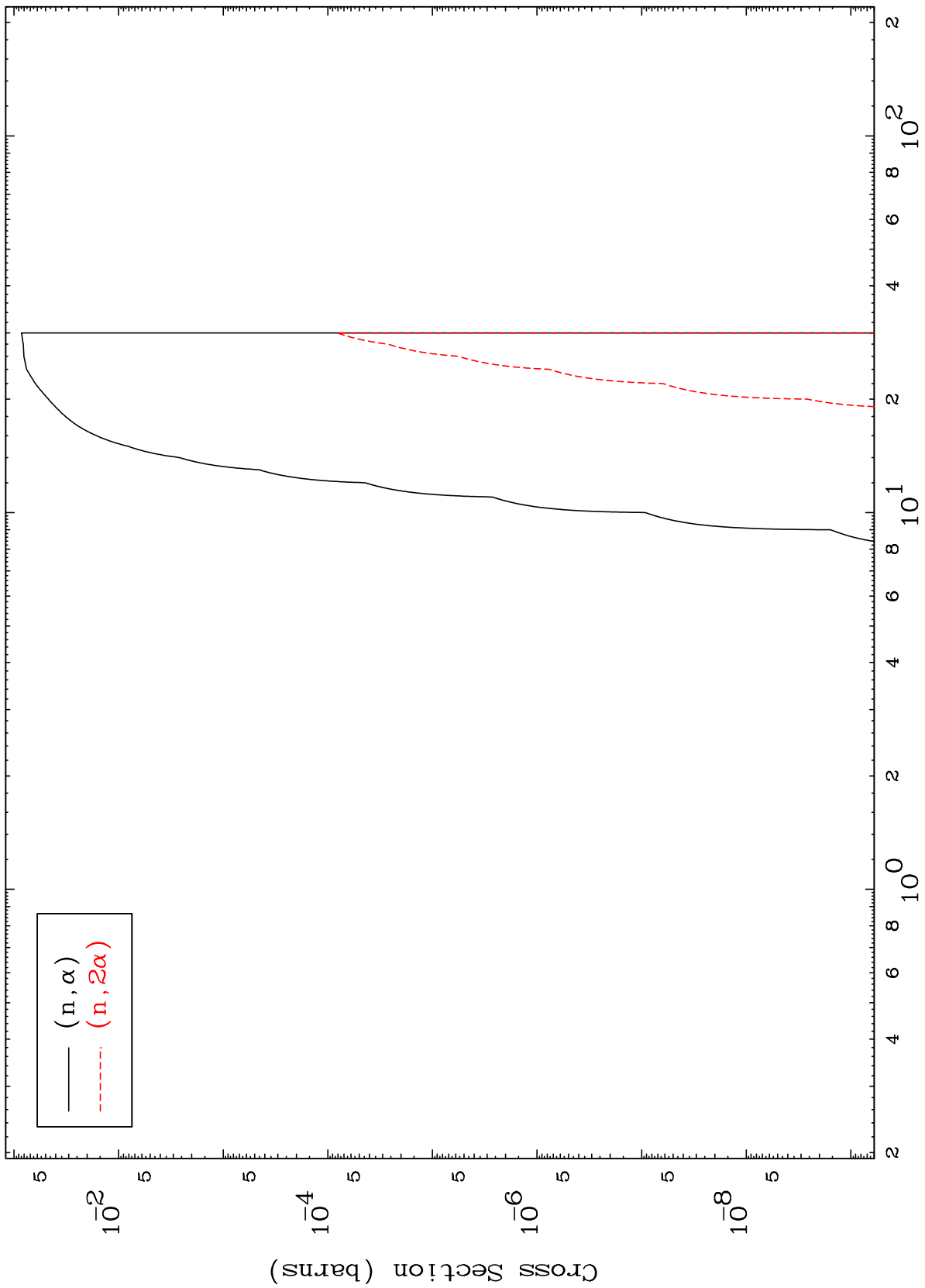
10

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(α, α) Levels

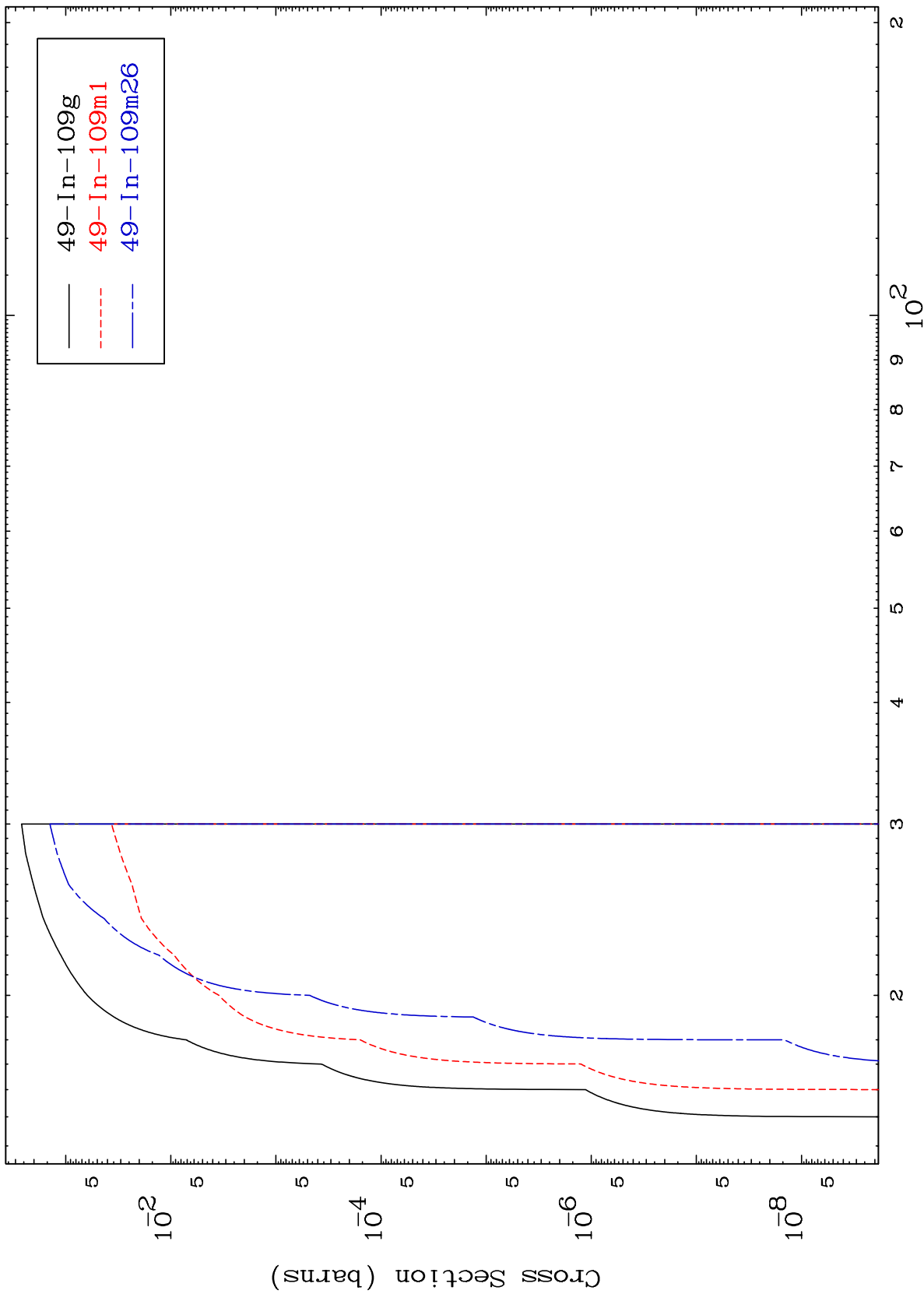
48-Cd-107

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

Radionuclide Production Cross Section

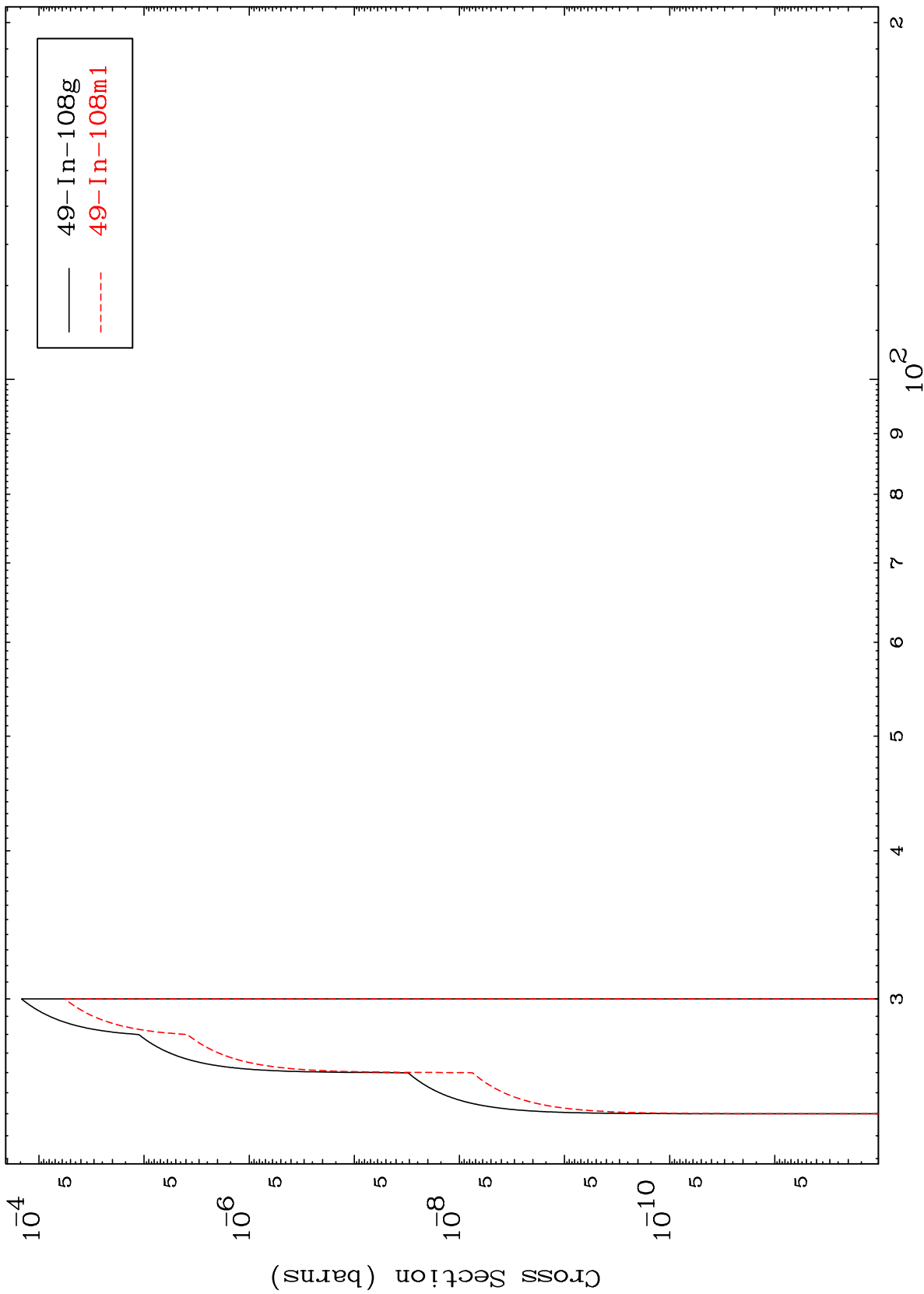


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(n,n') d

48-Cd-107

Radionuclide Production Cross Section



13

Incident Energy (MeV)

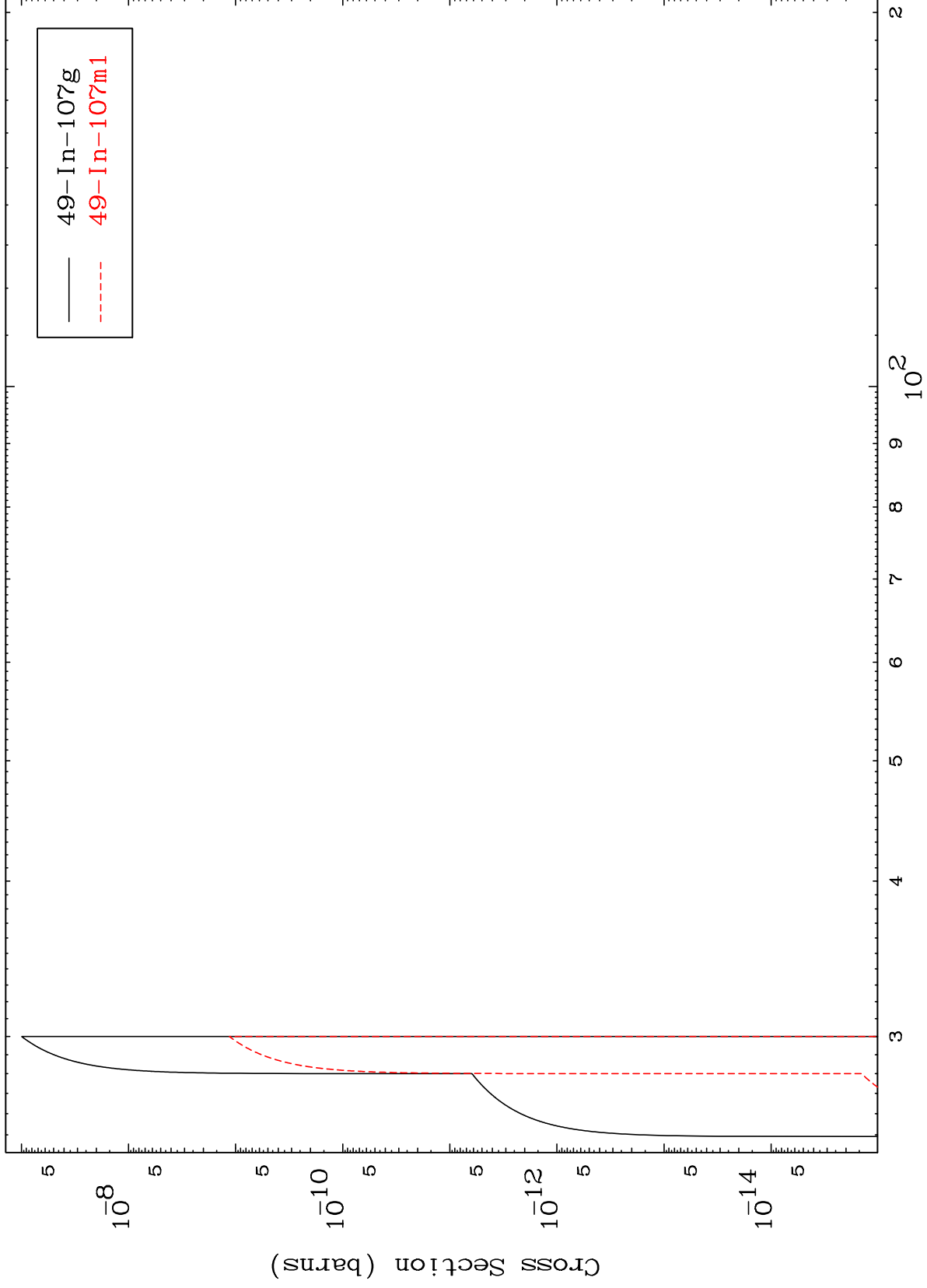
48-Cd-107

MAT 4828

(n,n') t

48-Cd-107

Radionuclide Production Cross Section



14

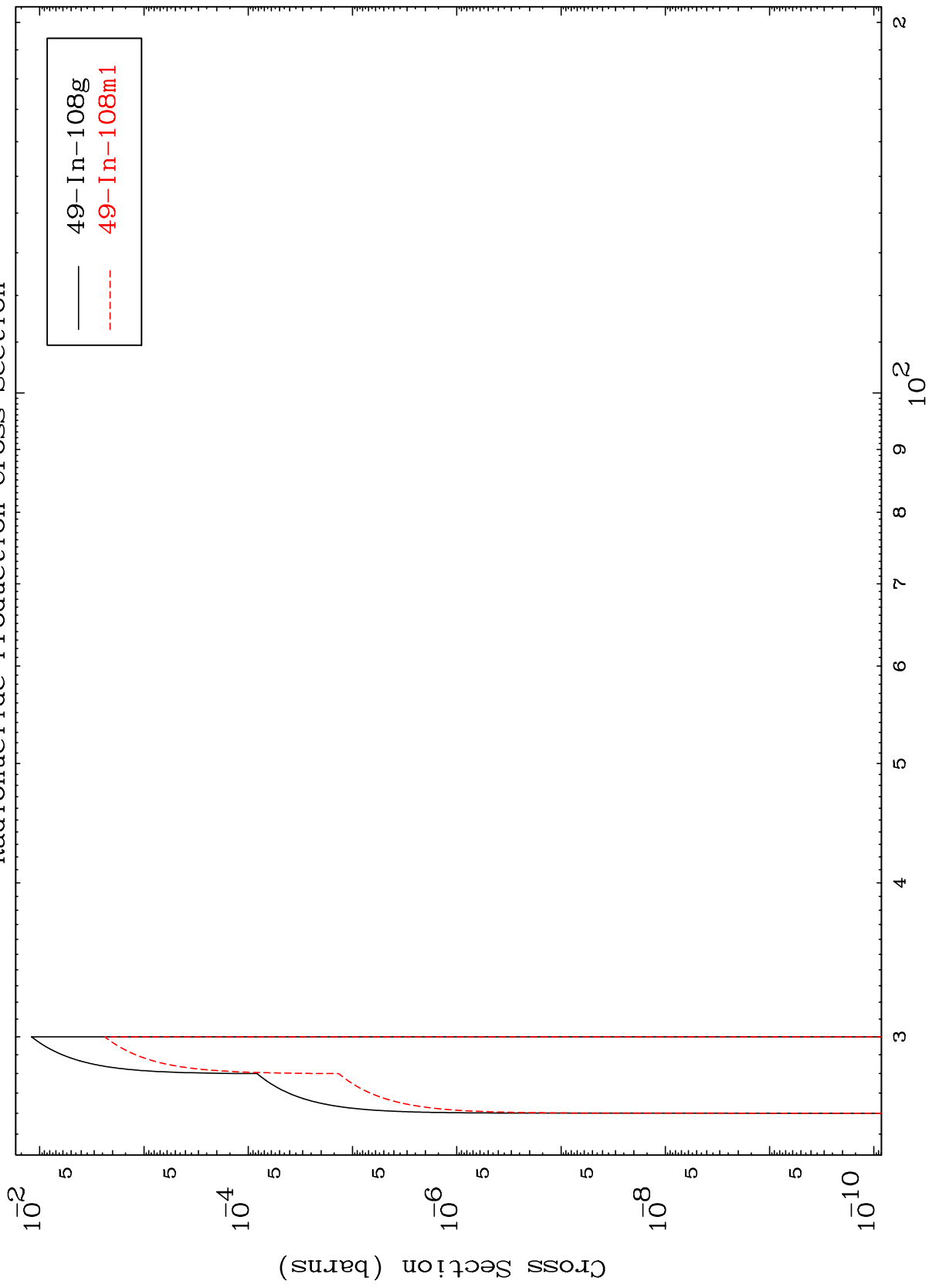
Incident Energy (MeV)

48-Cd-107

MAT 4828

48-Cd-107

(n,2n) p
Radionuclide Production Cross Section



49-In-108g
49-In-108m1

48-Cd-107

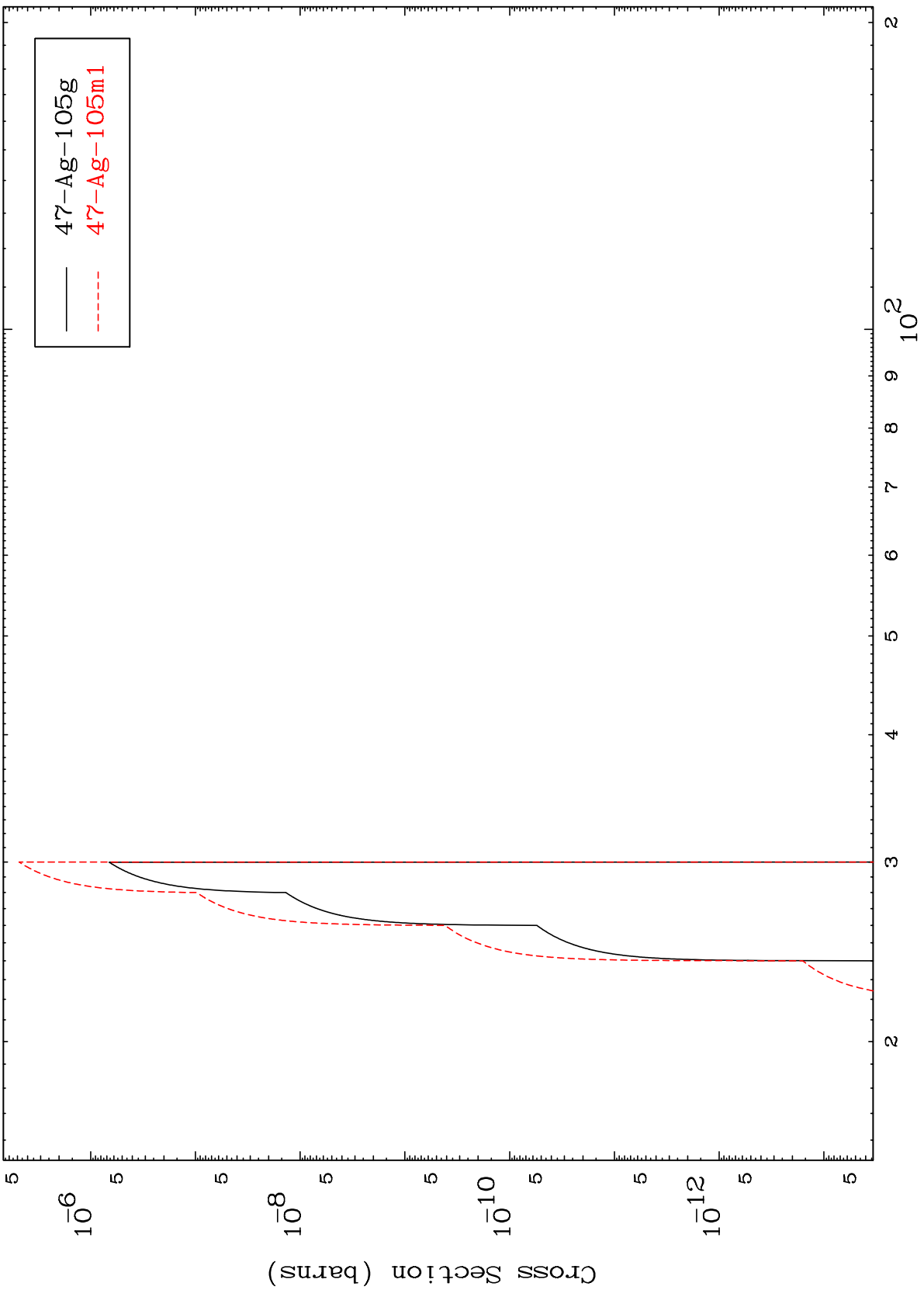
Incident Energy (MeV)

15

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48-Cd-107

(n,n') p α
Radionuclide Production Cross Section



16

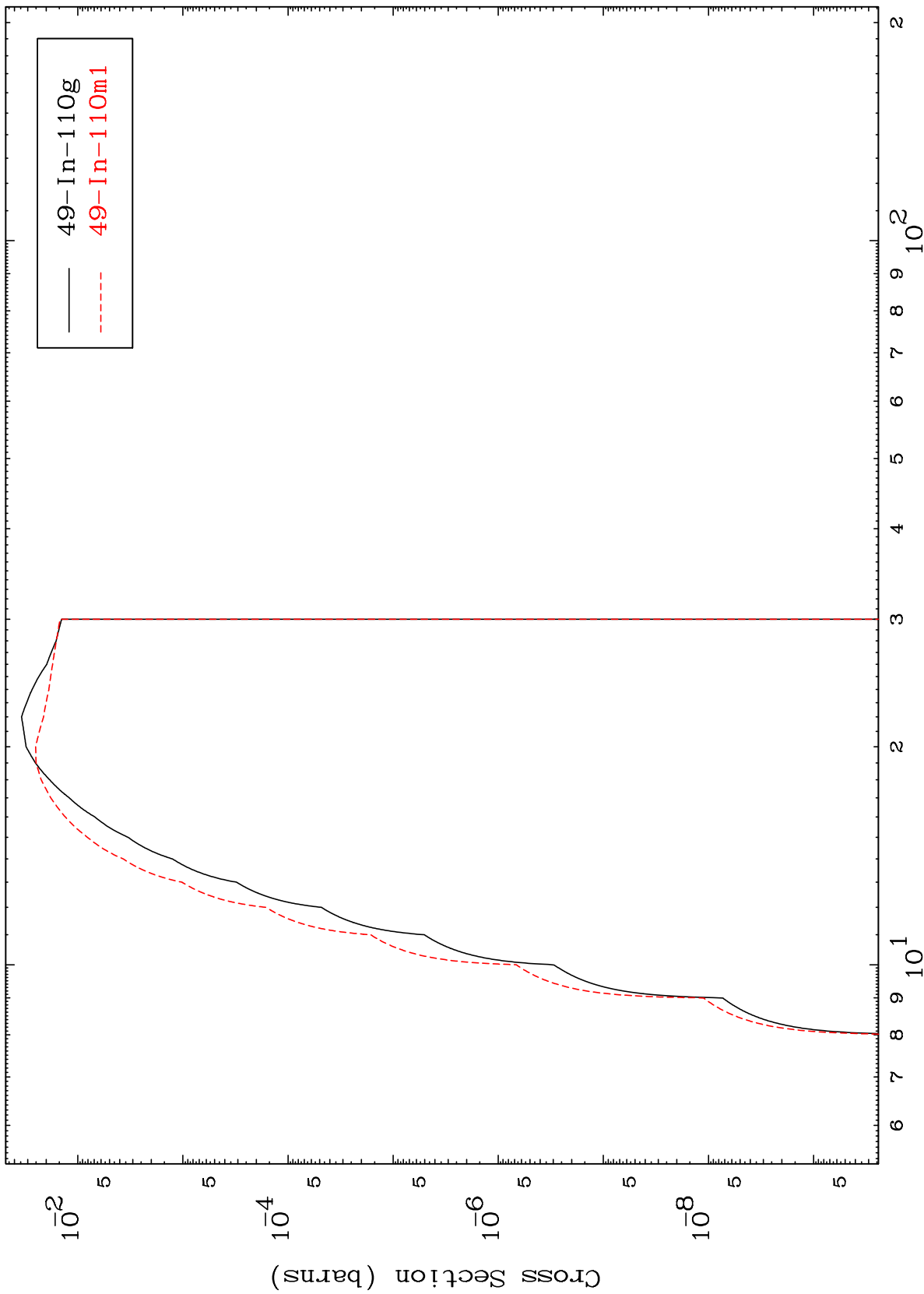
Incident Energy (MeV)

48-Cd-107

MAT 4828

48-Cd-107

(n,p)
Radionuclide Production Cross Section

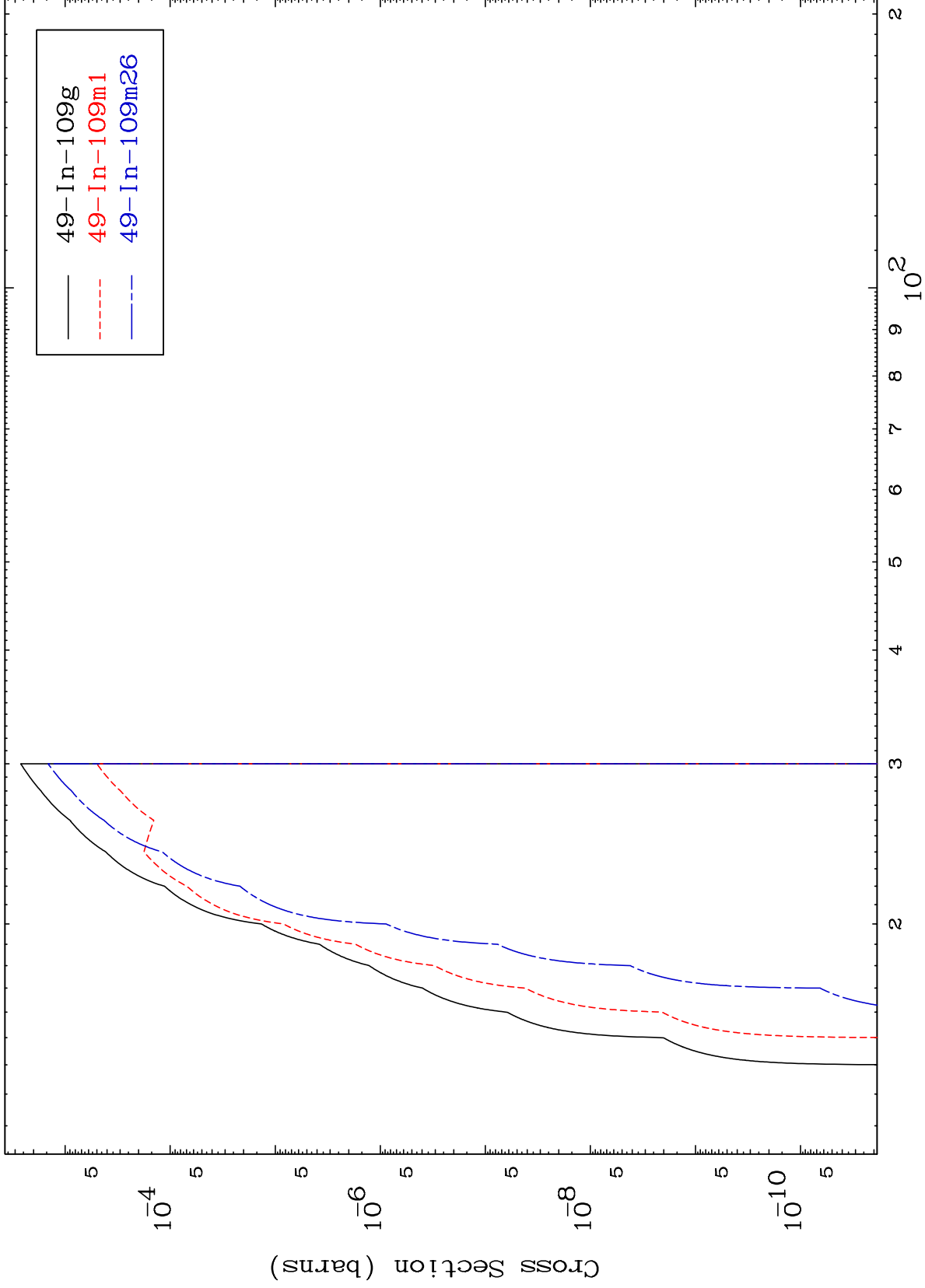


17

Incident Energy (MeV)

48-Cd-107

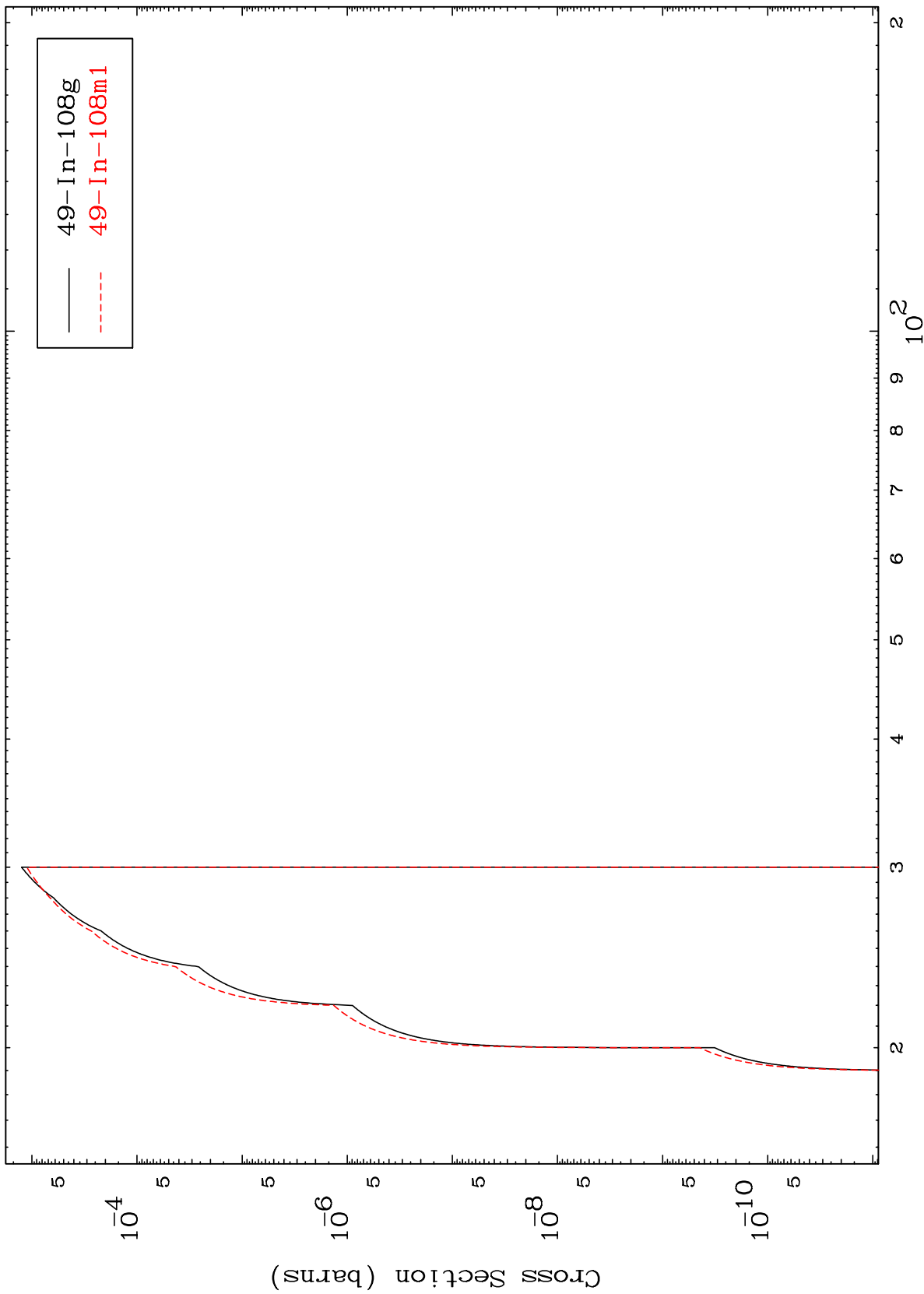
Radionuclide Production Cross Section



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48-Cd-107

(n,t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

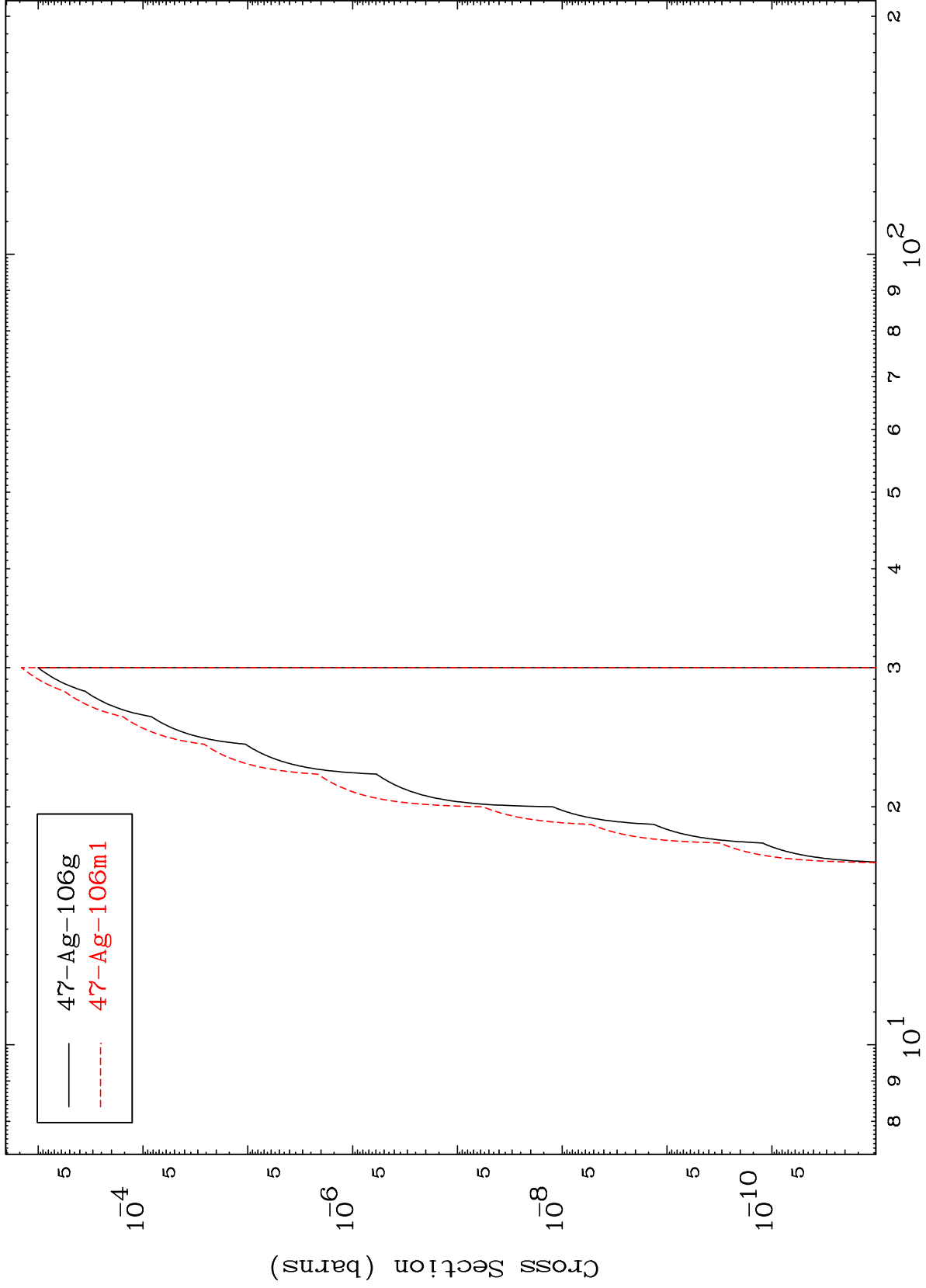
48-Cd-107

MAT 4828

(n,p) α

48-Cd-107

Radionuclide Production Cross Section



20

Incident Energy (MeV)

48-Cd-107

