

Program EVALPLOT
(Version 2021-1)

by

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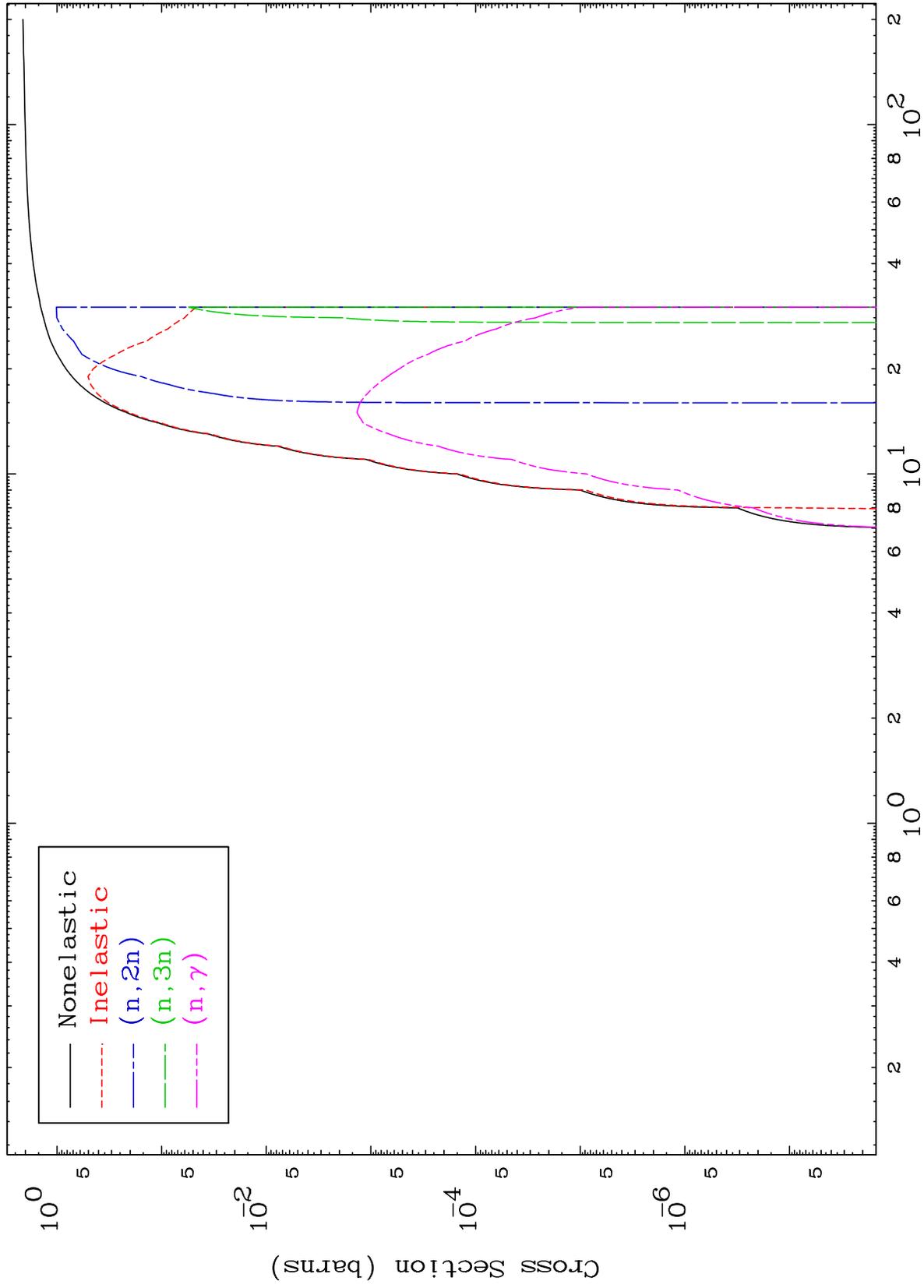
Press Mouse Button to Start

MAT 4837

0 Kelvin

α Major Cross Sections

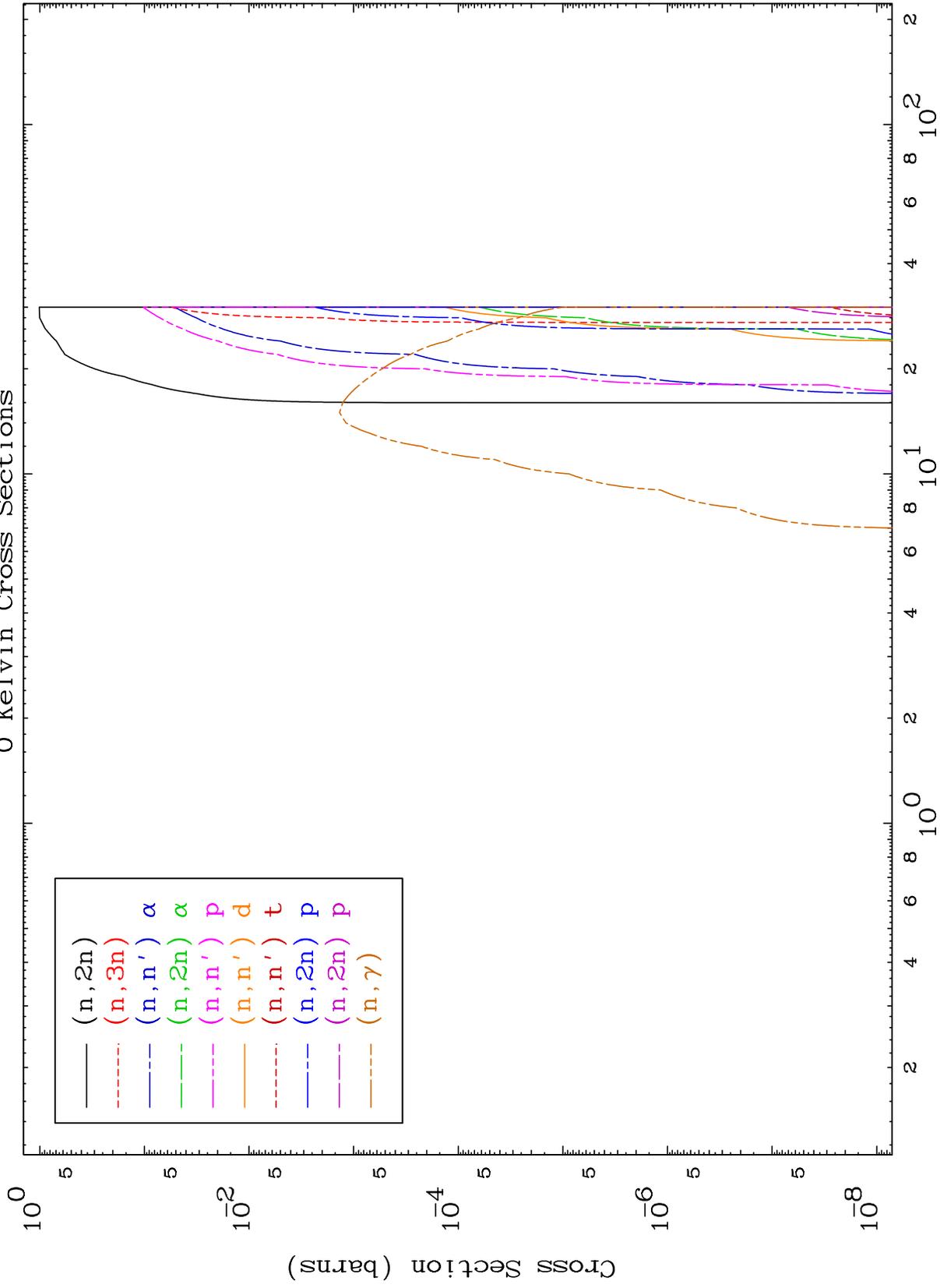
48-Cd-110



MAT 4837

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-110



2

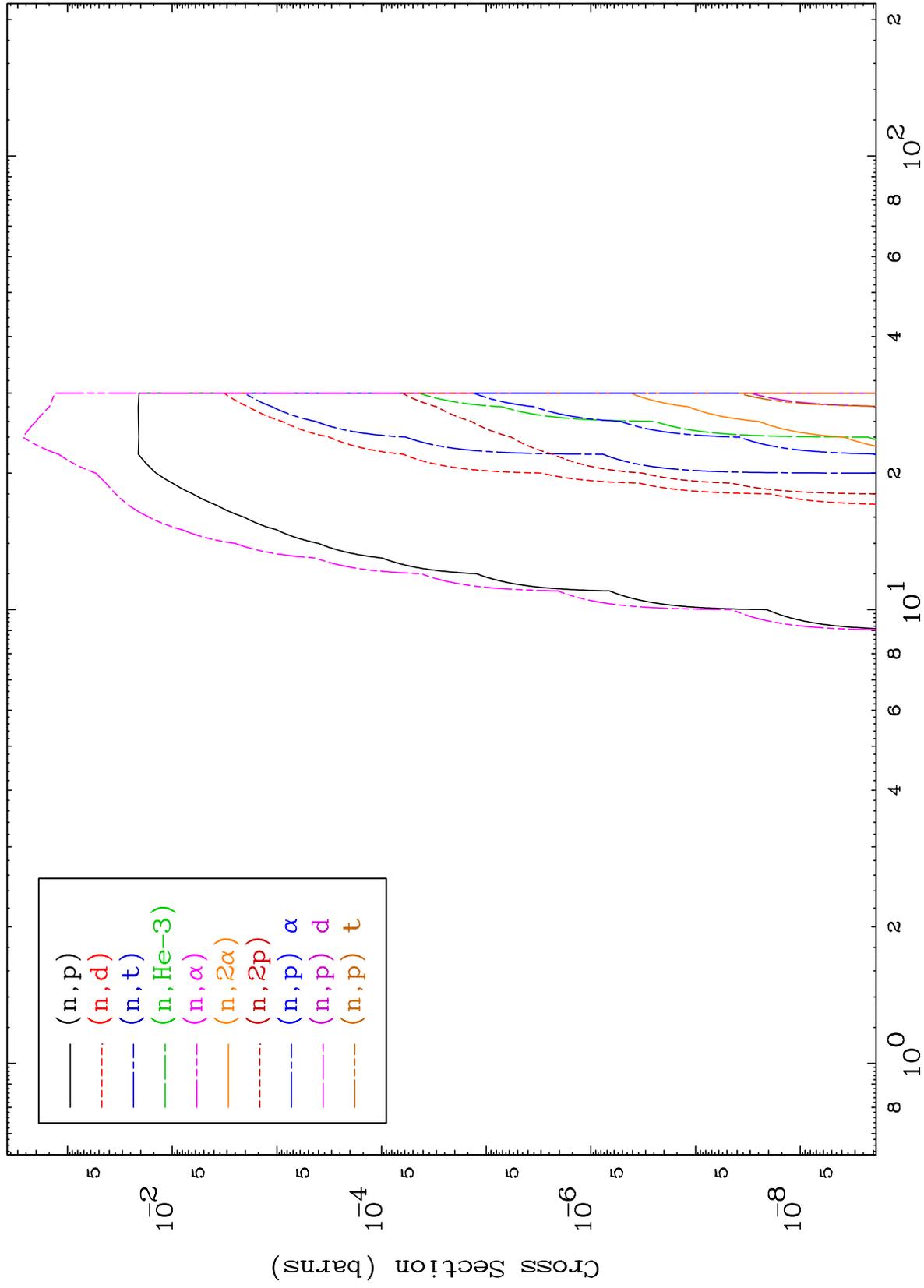
Incident Energy (MeV)

48-Cd-110

MAT 4837

α Neutron Absorption
0 Kelvin Cross Sections

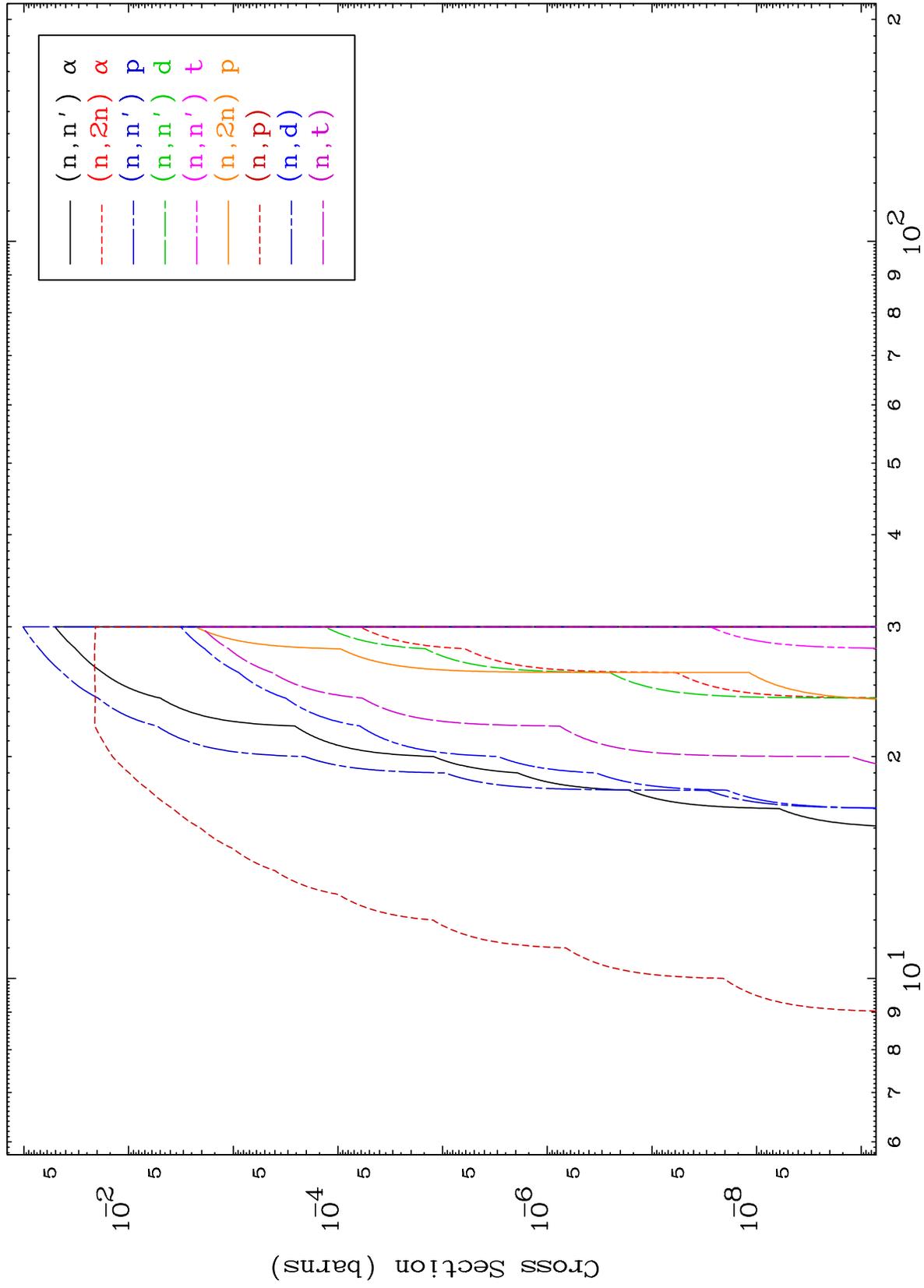
48-Cd-110



3

Incident Energy (MeV)

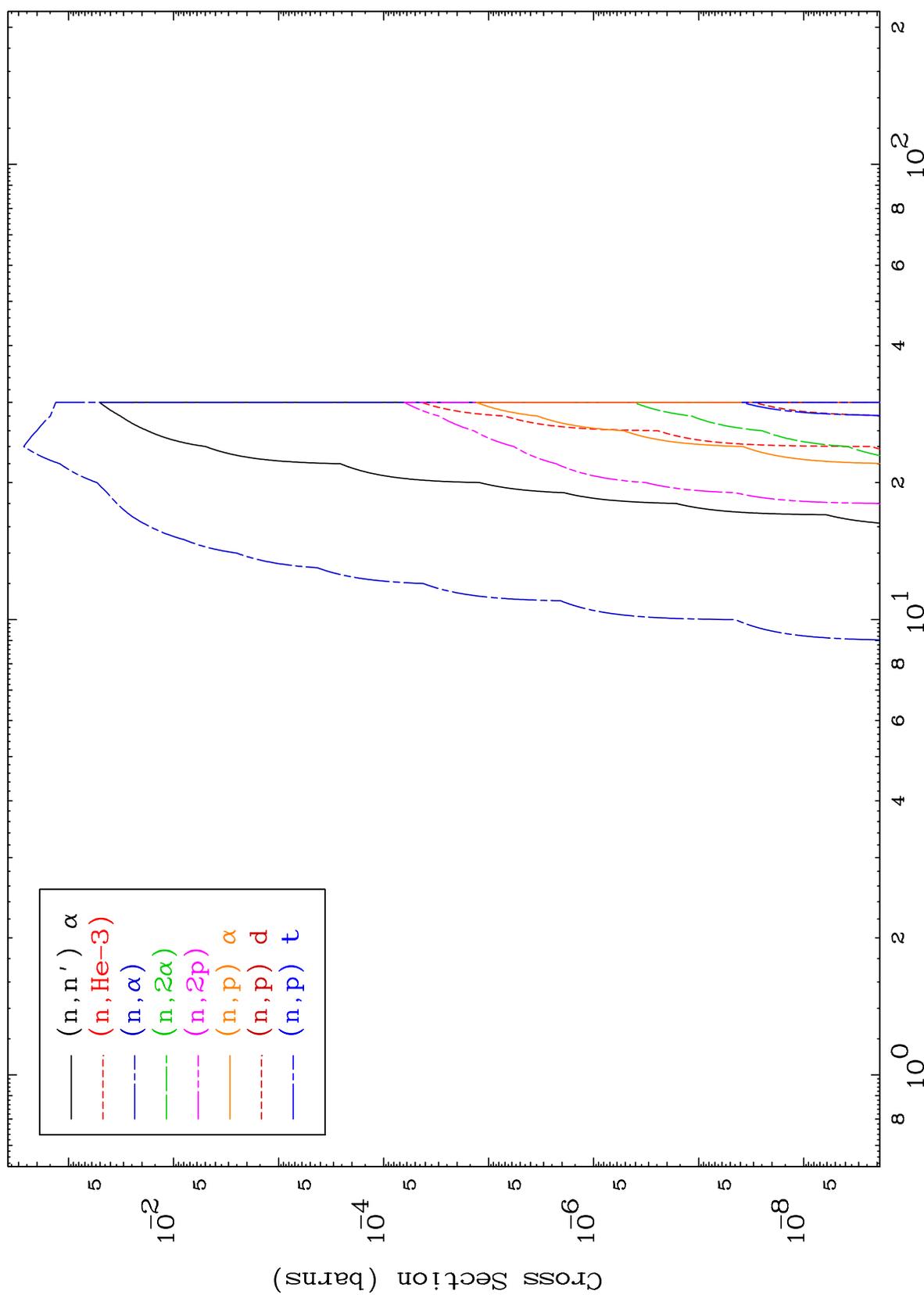
48-Cd-110



MAT 4837

α Charged Particle
0 Kelvin Cross Sections

48-Cd-110



5

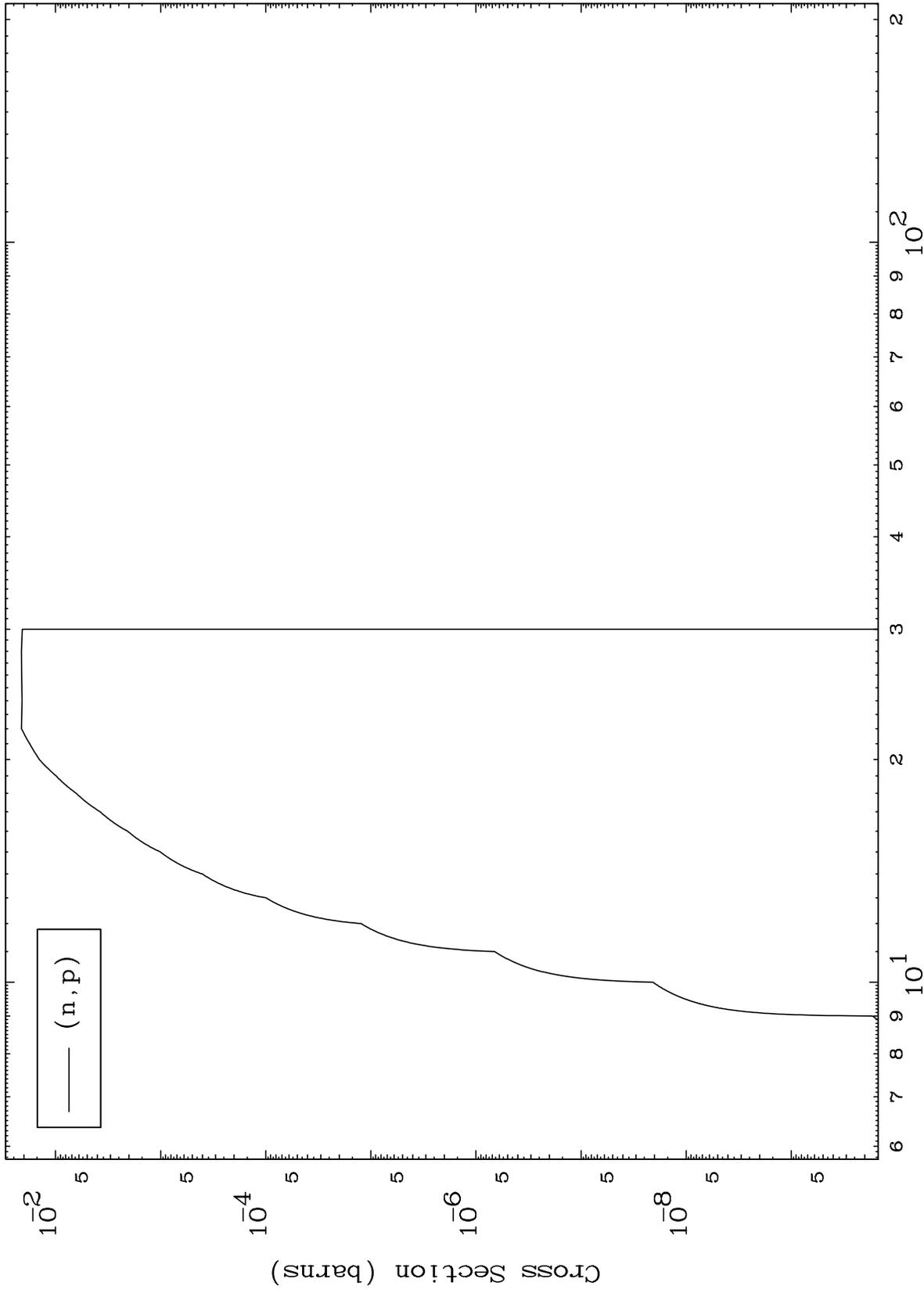
Incident Energy (MeV)

48-Cd-110

MAT 4837

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-110



6

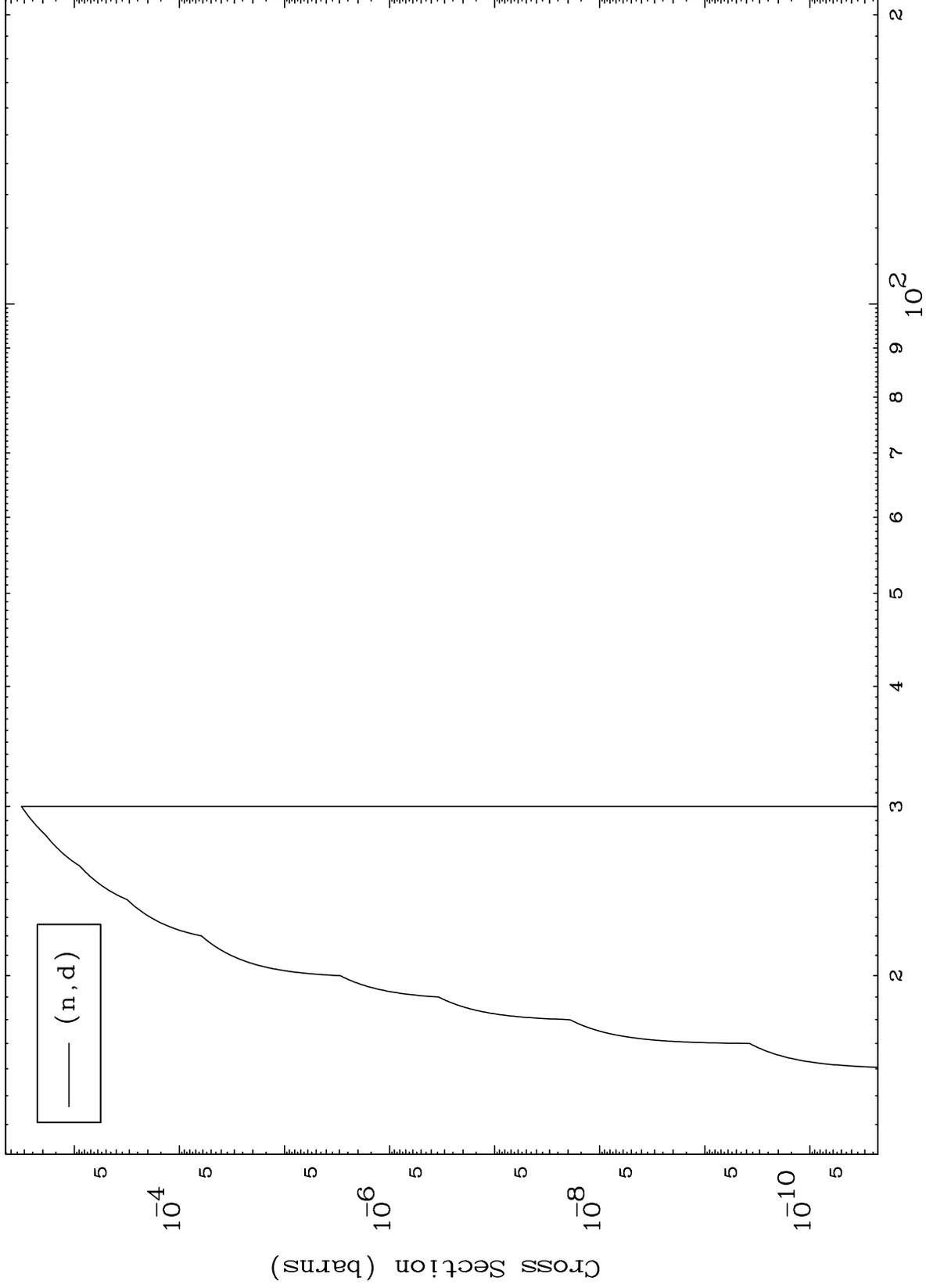
Incident Energy (MeV)

48-Cd-110

MAT 4837

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-110



7

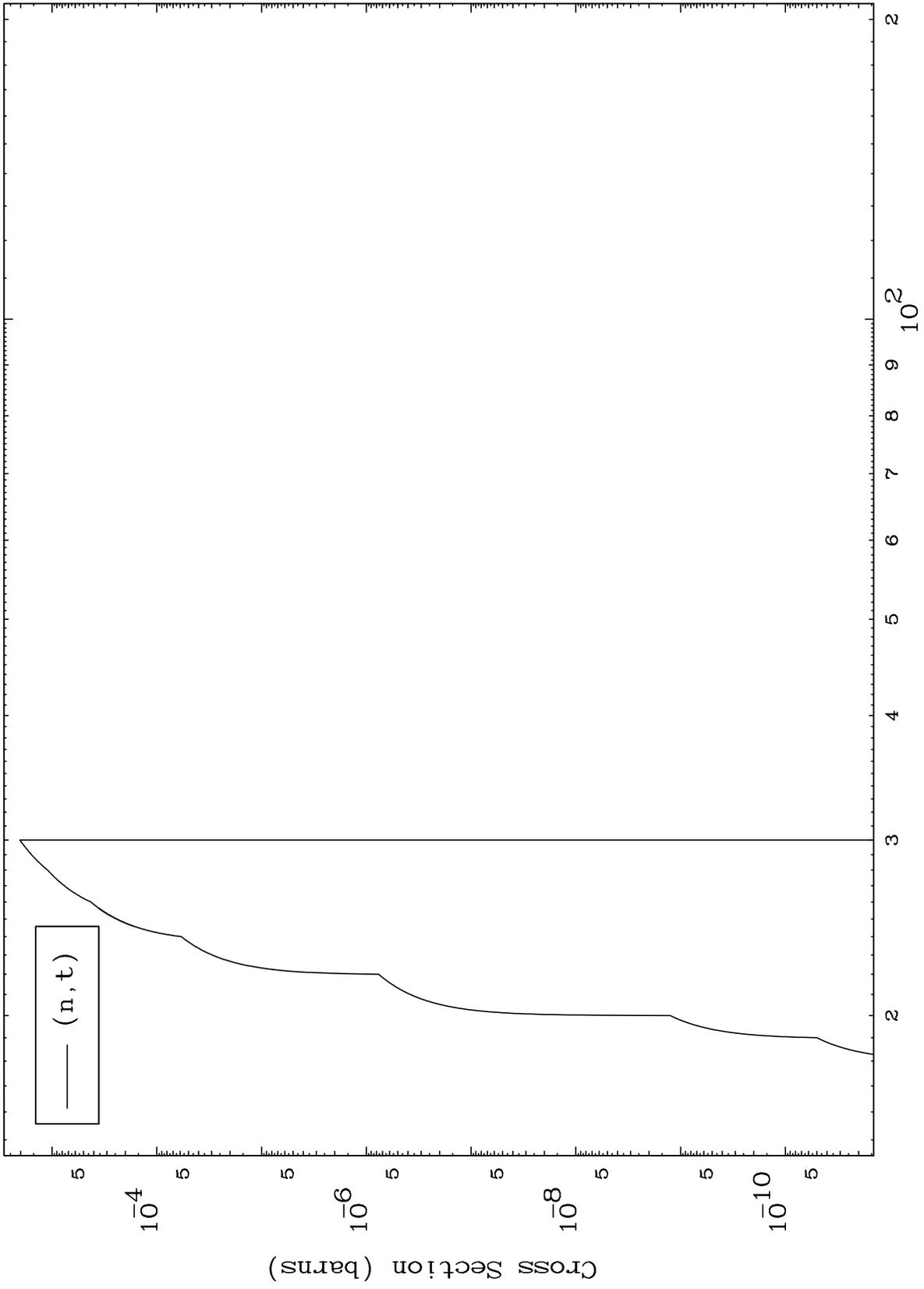
Incident Energy (MeV)

48-Cd-110

MAT 4837

(α, t) Levels
0 Kelvin Cross Sections

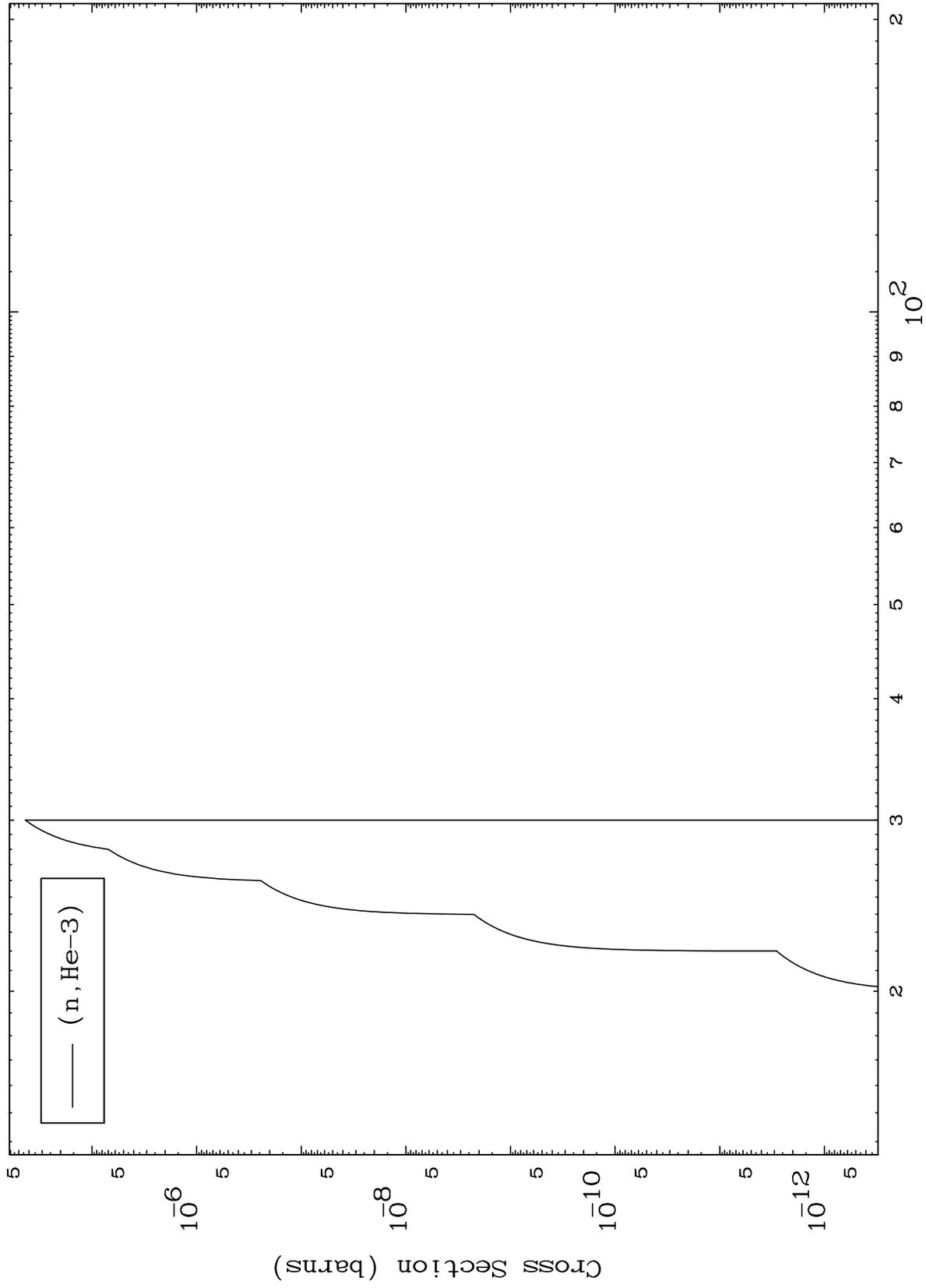
48-Cd-110



MAT 4837

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

48-Cd-110



9

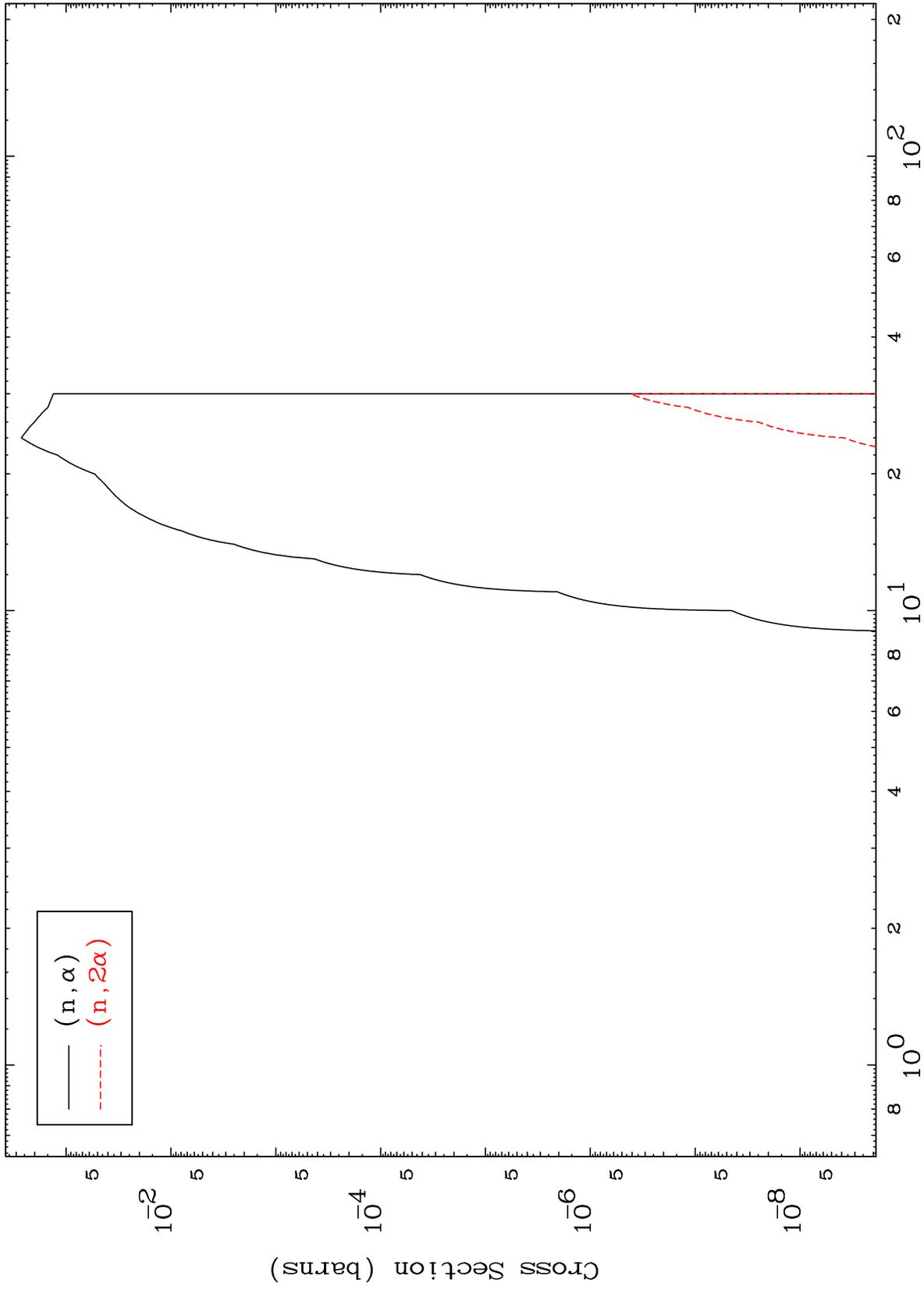
Incident Energy (MeV)

48-Cd-110

MAT 4837

(α, α) Levels
0 Kelvin Cross Sections

48-Cd-110



10

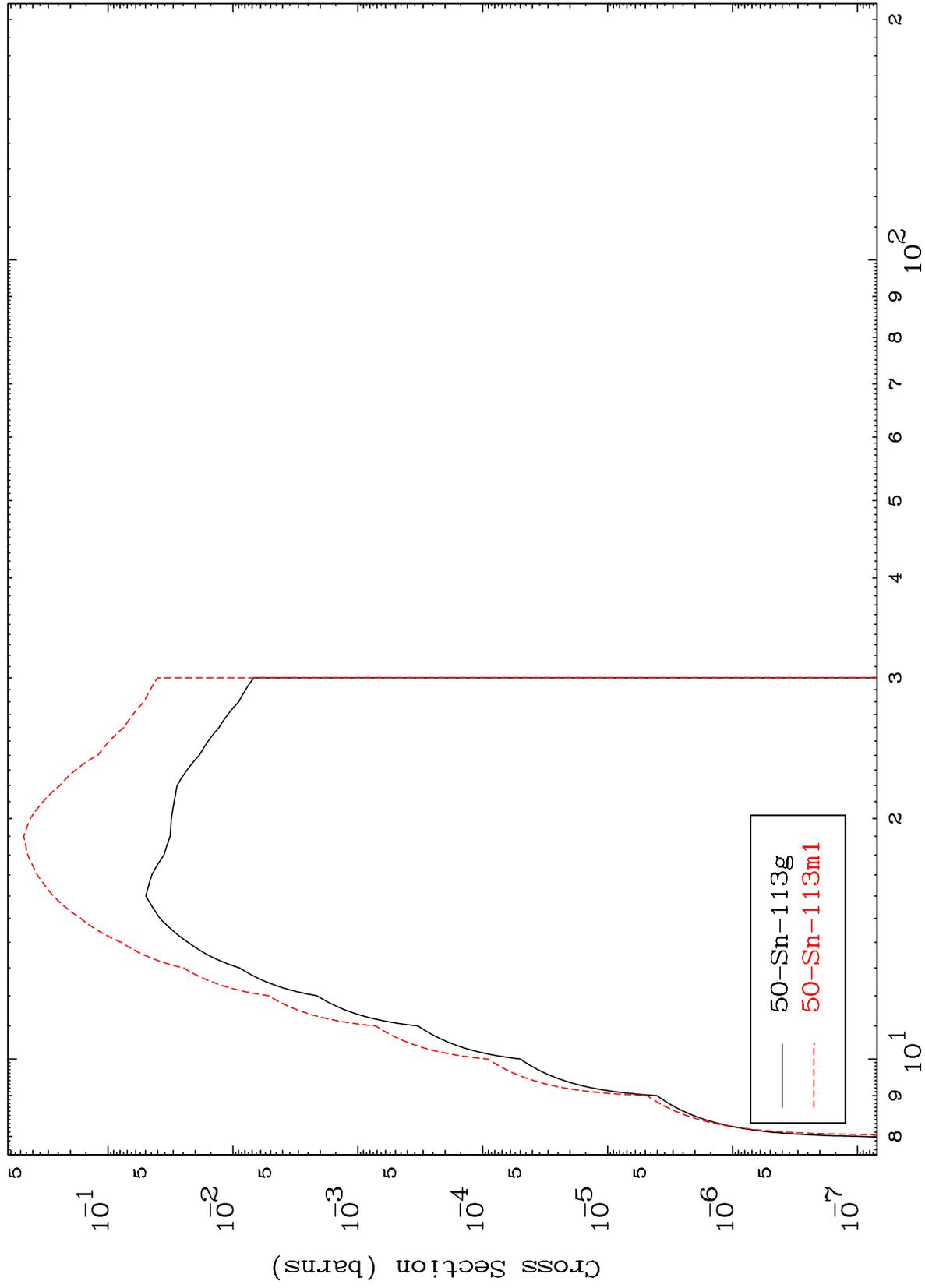
Incident Energy (MeV)

48-Cd-110

MAT 4837

Inelastic
Radionuclide Production Cross Section

48-Cd-110



11

Incident Energy (MeV)

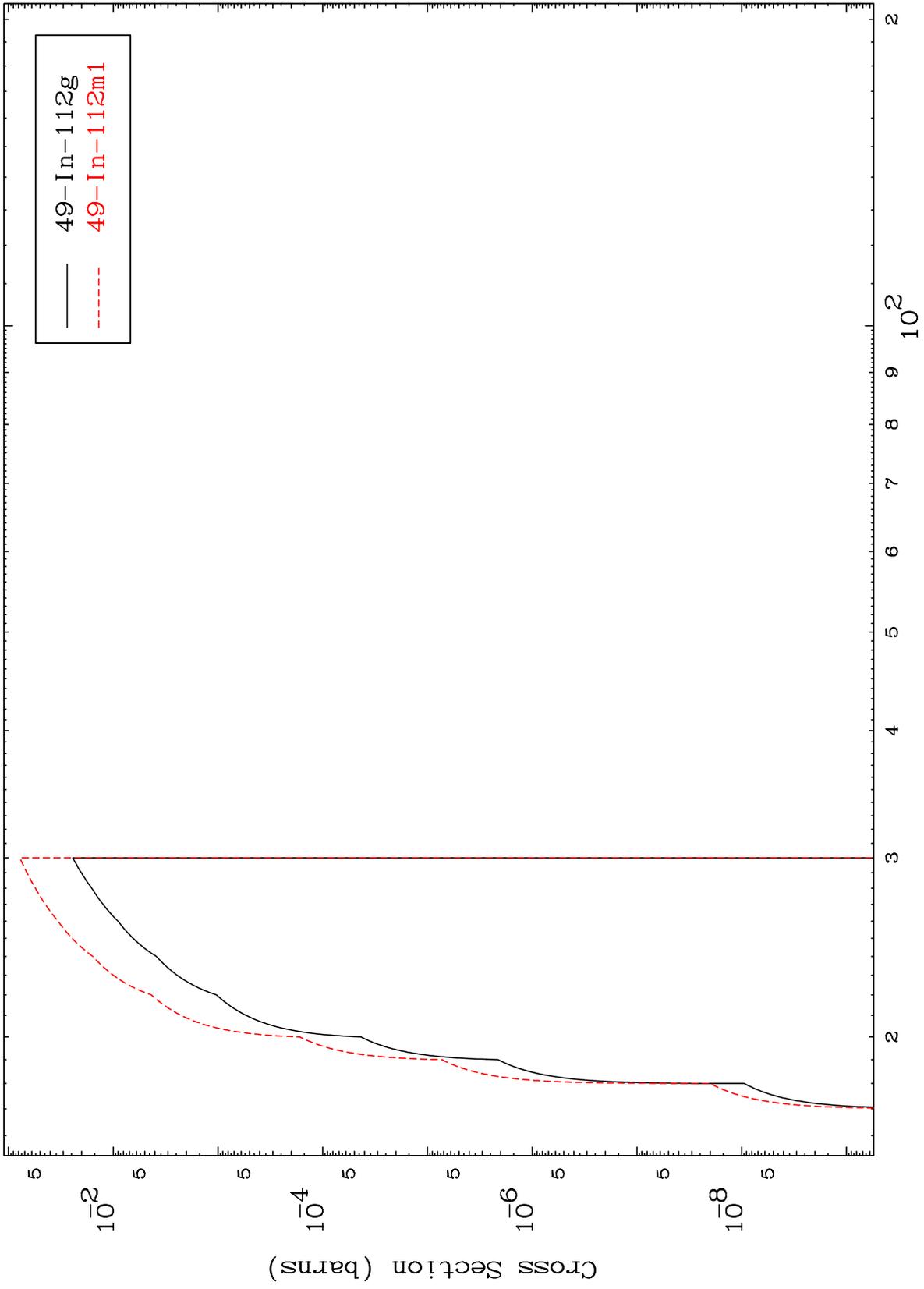
48-Cd-110

MAT 4837

(n,n') p

48-Cd-110

Radionuclide Production Cross Section



12

Incident Energy (MeV)

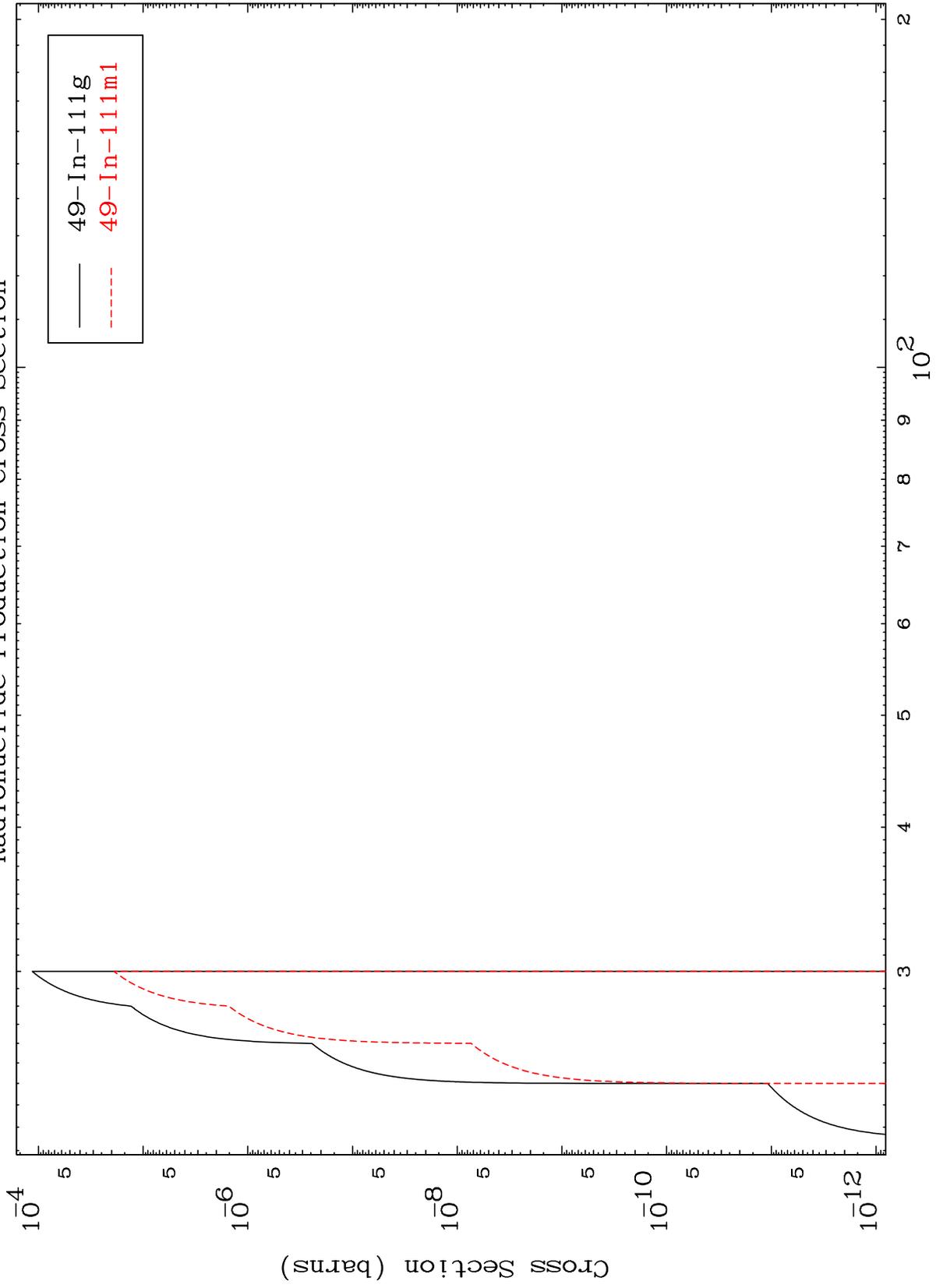
48-Cd-110

MAT 4837

(n,n') d

48-Cd-110

Radionuclide Production Cross Section



13

Incident Energy (MeV)

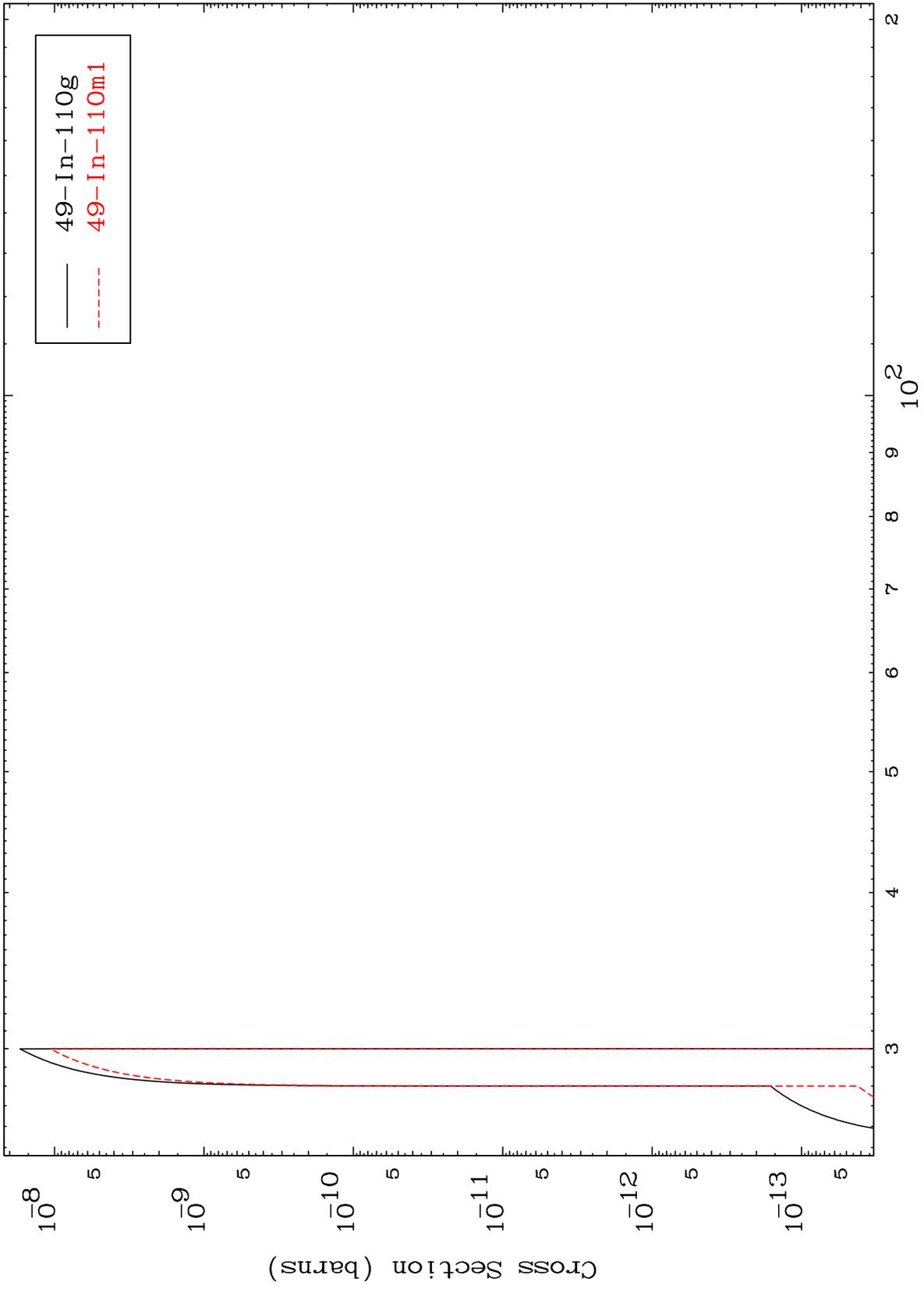
48-Cd-110

MAT 4837

(n,n') t

48-Cd-110

Radionuclide Production Cross Section



14

Incident Energy (MeV)

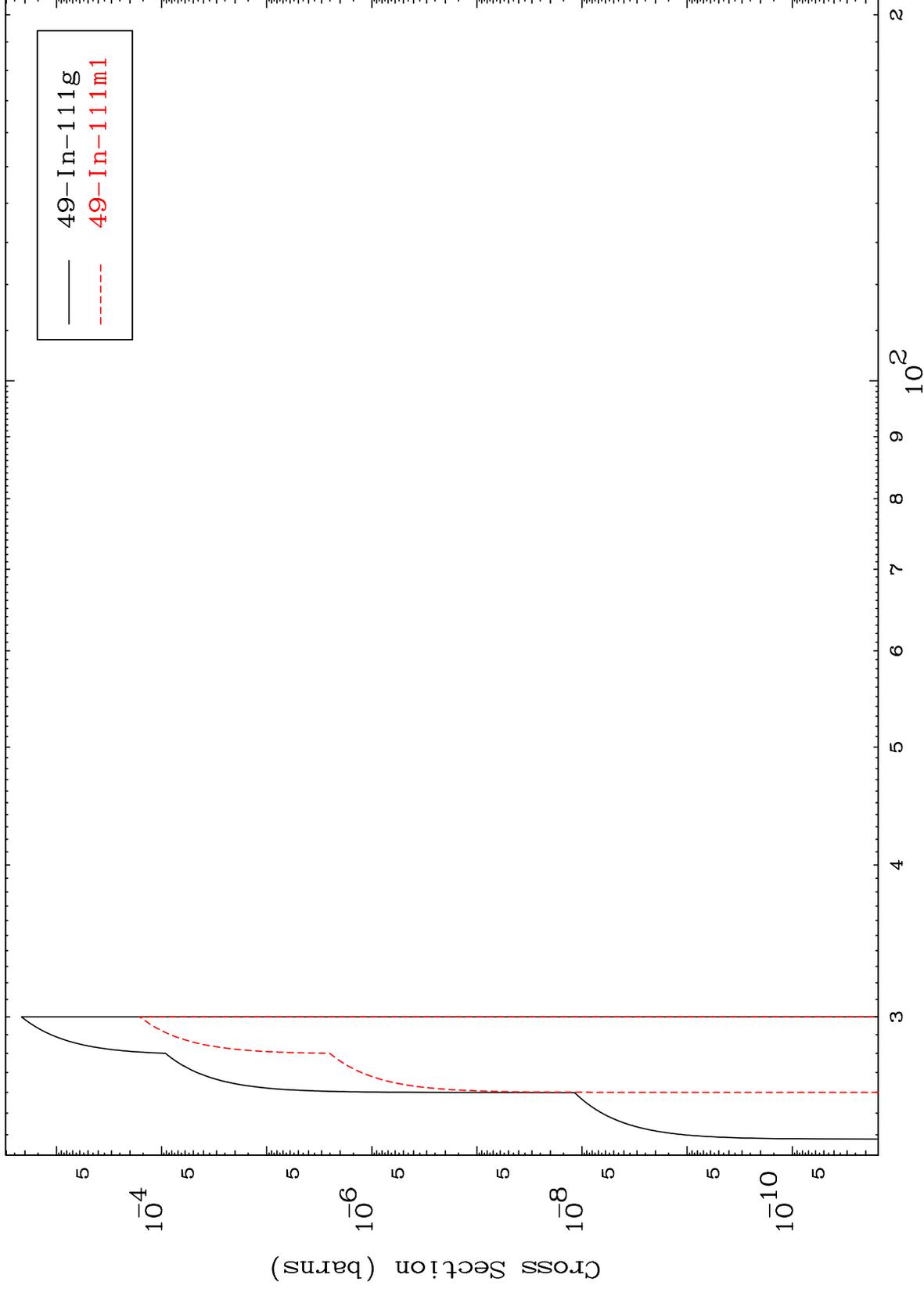
48-Cd-110

MAT 4837

(n,2n) p

48-Cd-110

Radionuclide Production Cross Section



15

Incident Energy (MeV)

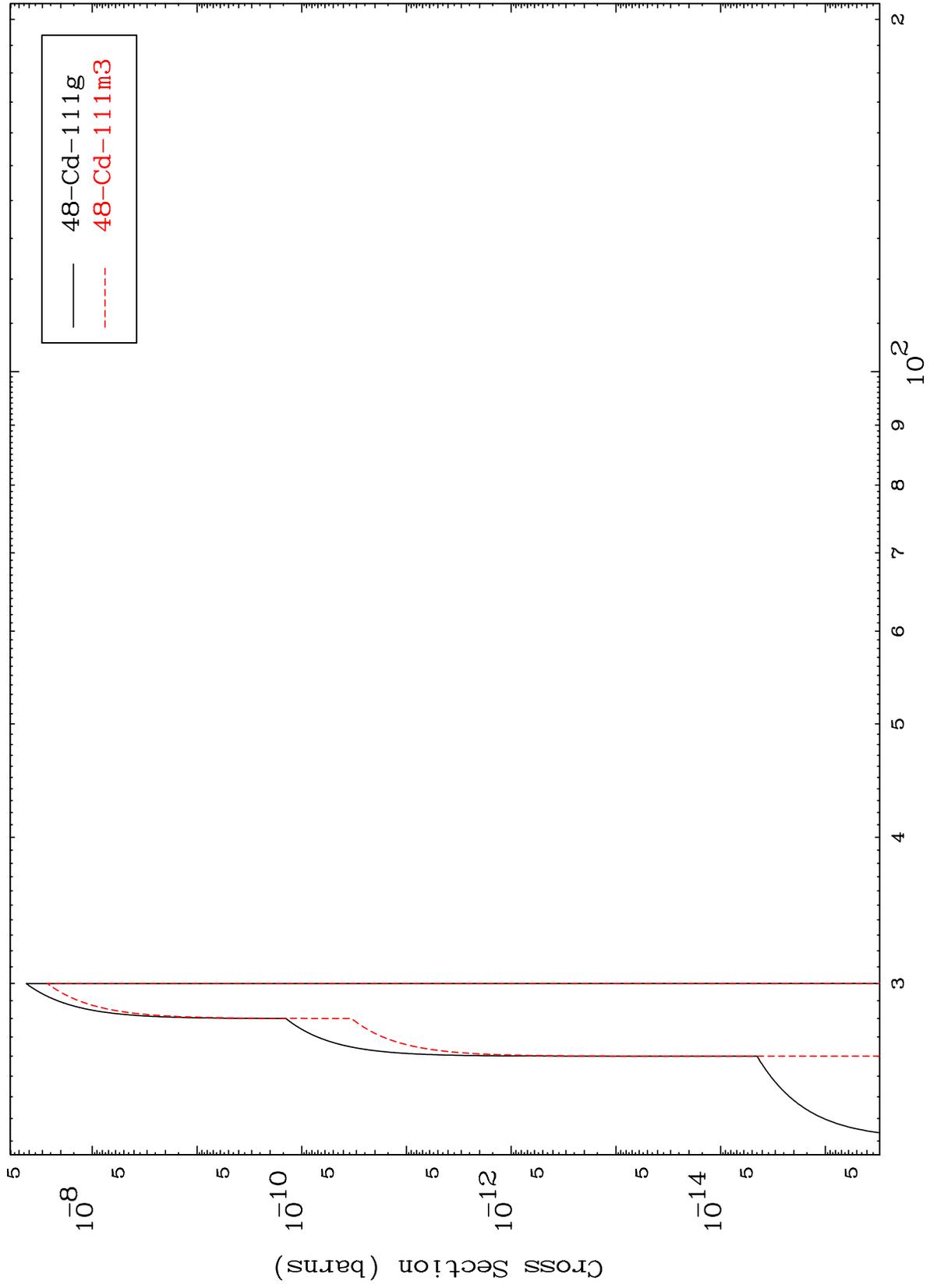
48-Cd-110

MAT 4837

(n,2n) p

48-Cd-110

Radionuclide Production Cross Section



16

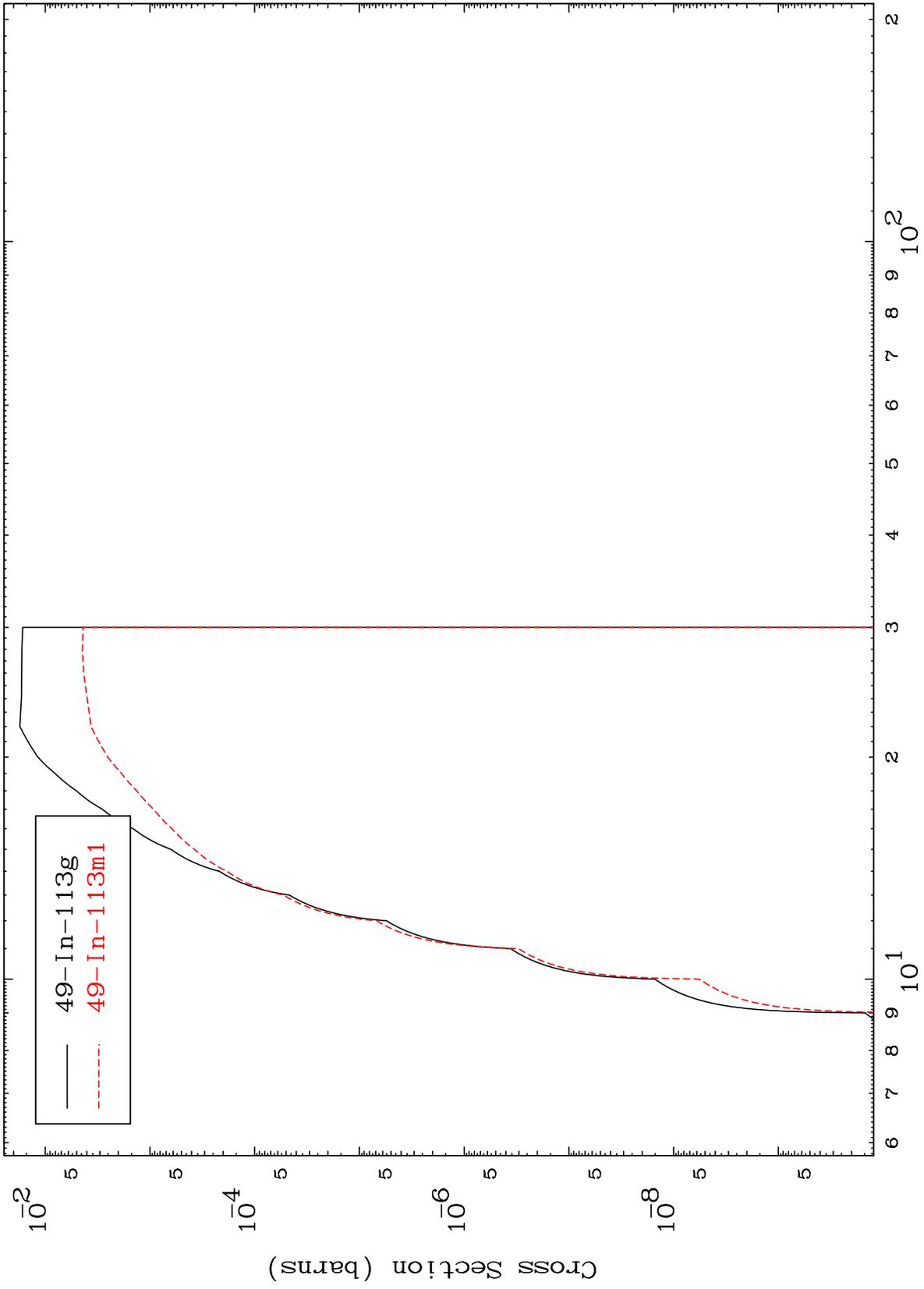
Incident Energy (MeV)

48-Cd-110

MAT 4837

48-Cd-110

(n,p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

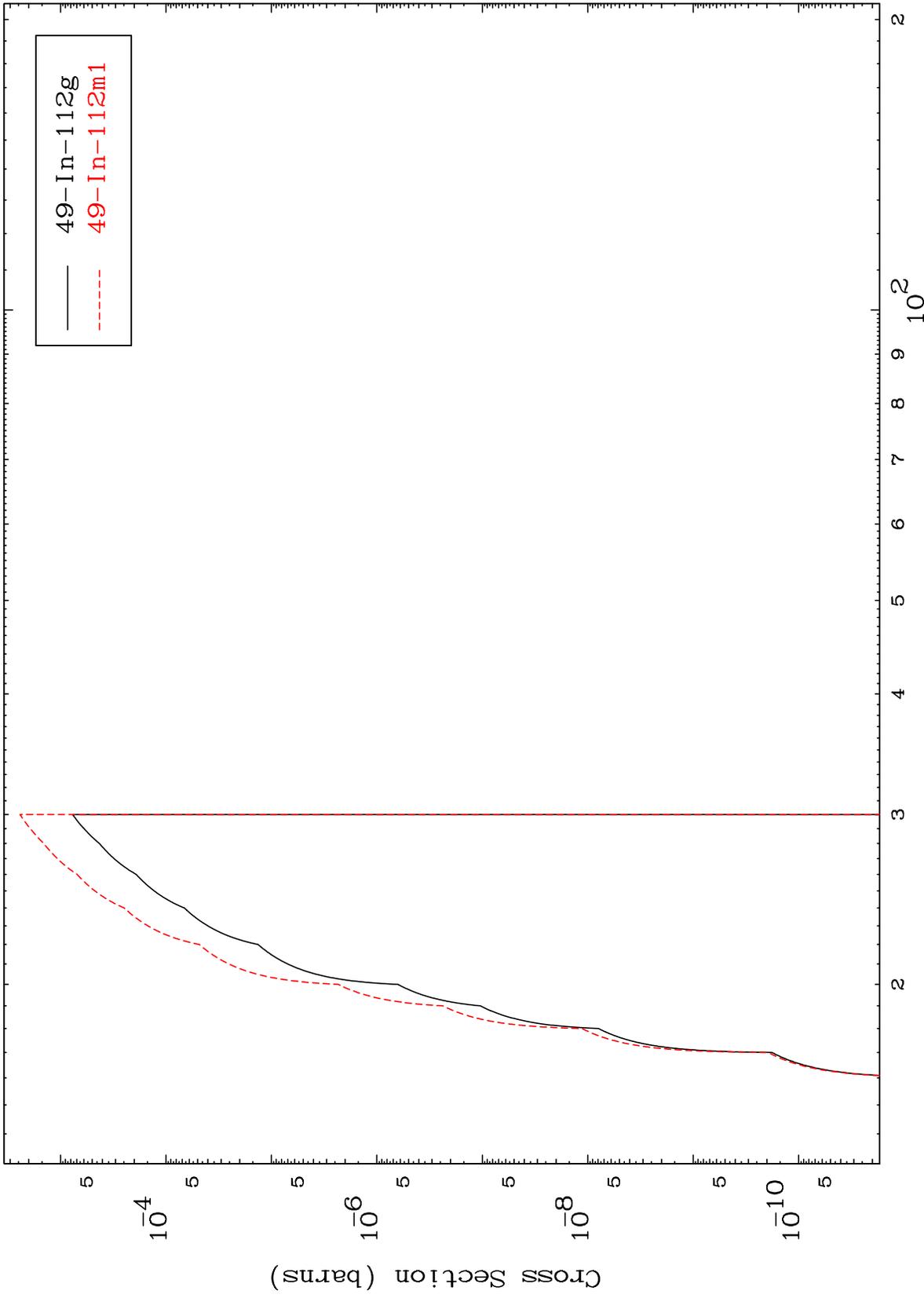
48-Cd-110

MAT 4837

(n,d)

48-Cd-110

Radionuclide Production Cross Section



18

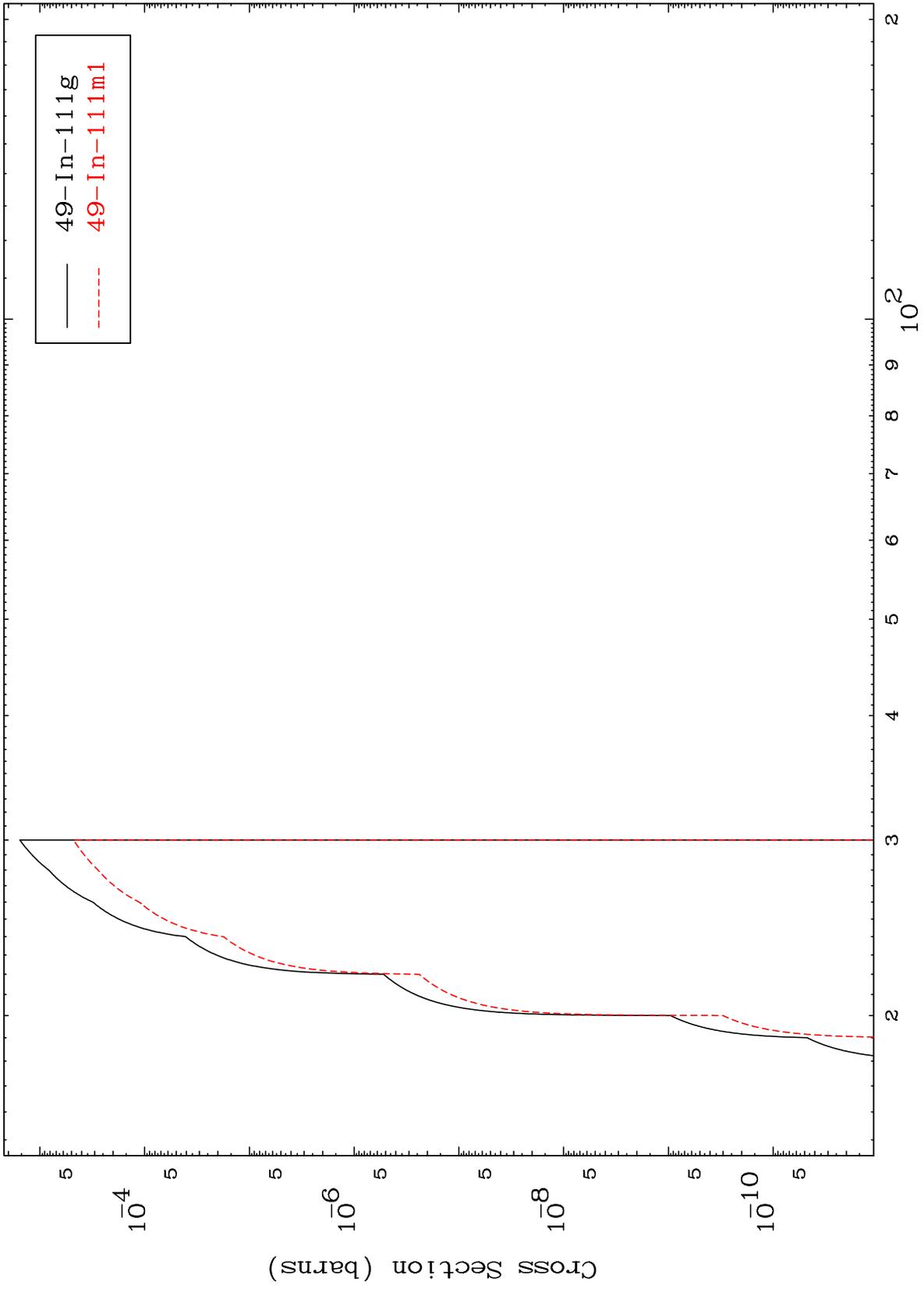
Incident Energy (MeV)

48-Cd-110

MAT 4837

48-Cd-110

(n, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

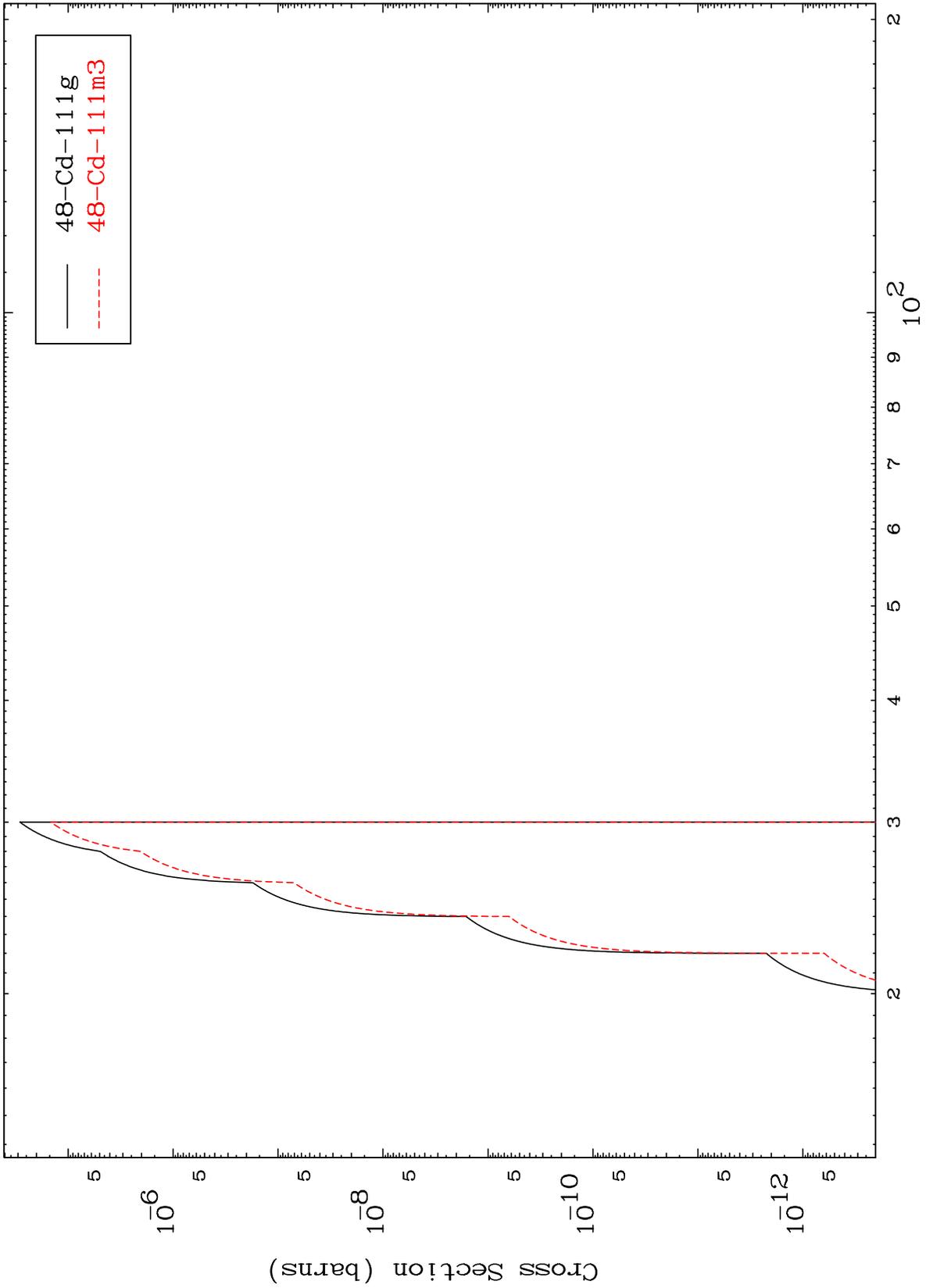
48-Cd-110

MAT 4837

(n,He-3)

48-Cd-110

Radionuclide Production Cross Section



20

Incident Energy (MeV)

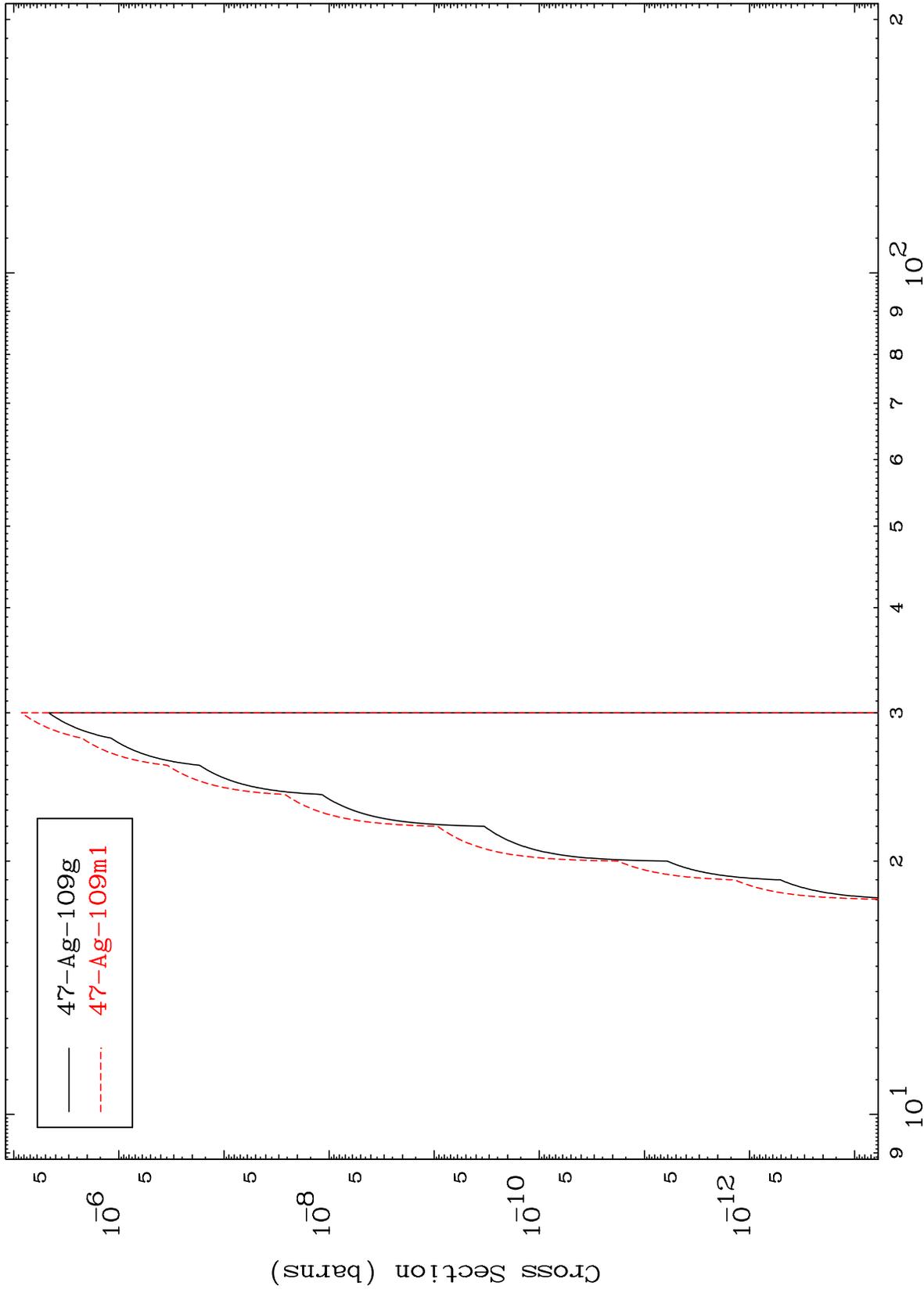
48-Cd-110

MAT 4837

(n,p) α

48-Cd-110

Radionuclide Production Cross Section



21

Incident Energy (MeV)

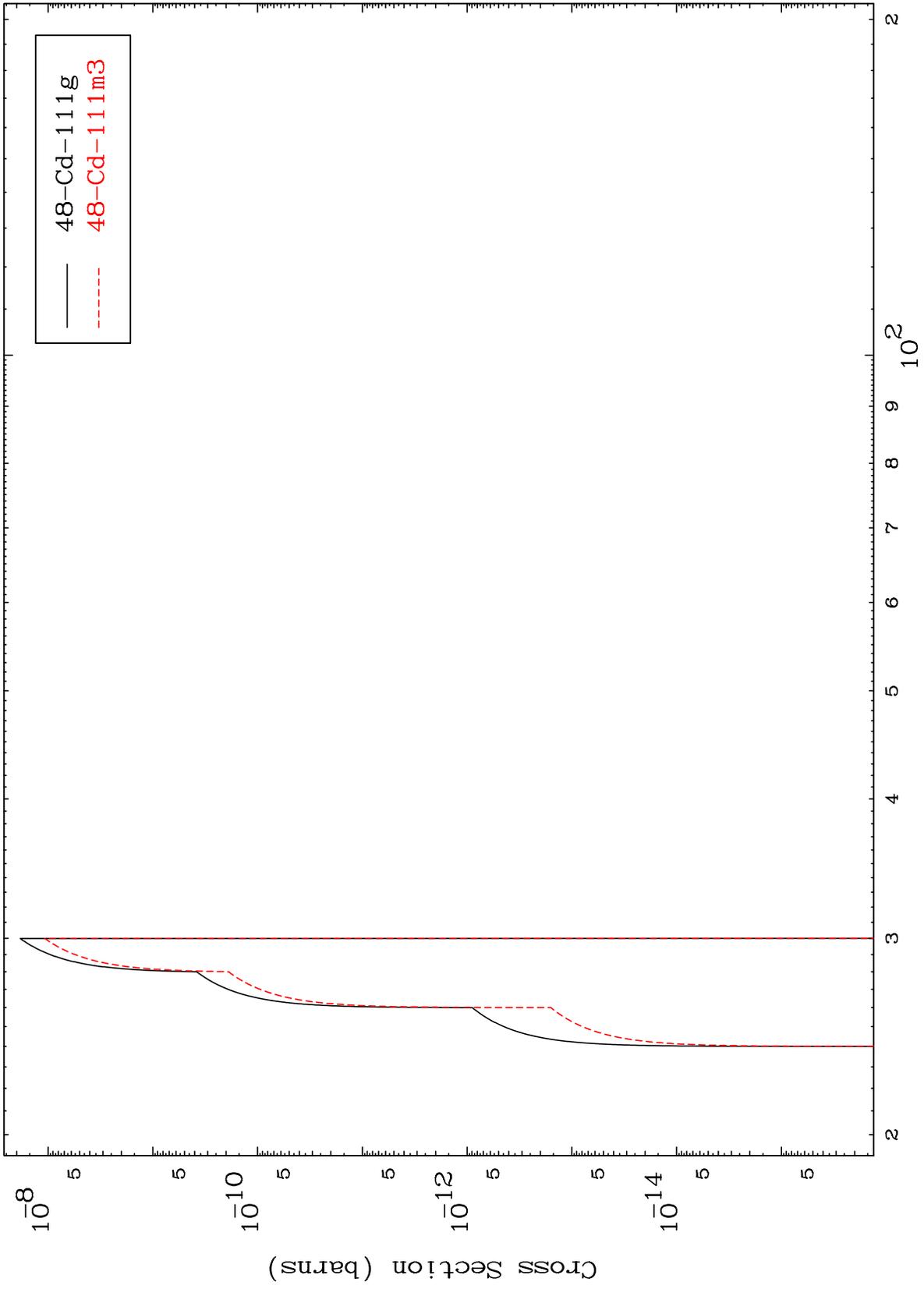
48-Cd-110

MAT 4837

(n,p) d

48-Cd-110

Radionuclide Production Cross Section



22

Incident Energy (MeV)

48-Cd-110