

Program EVALPLOT
(Version 2021-1)

by

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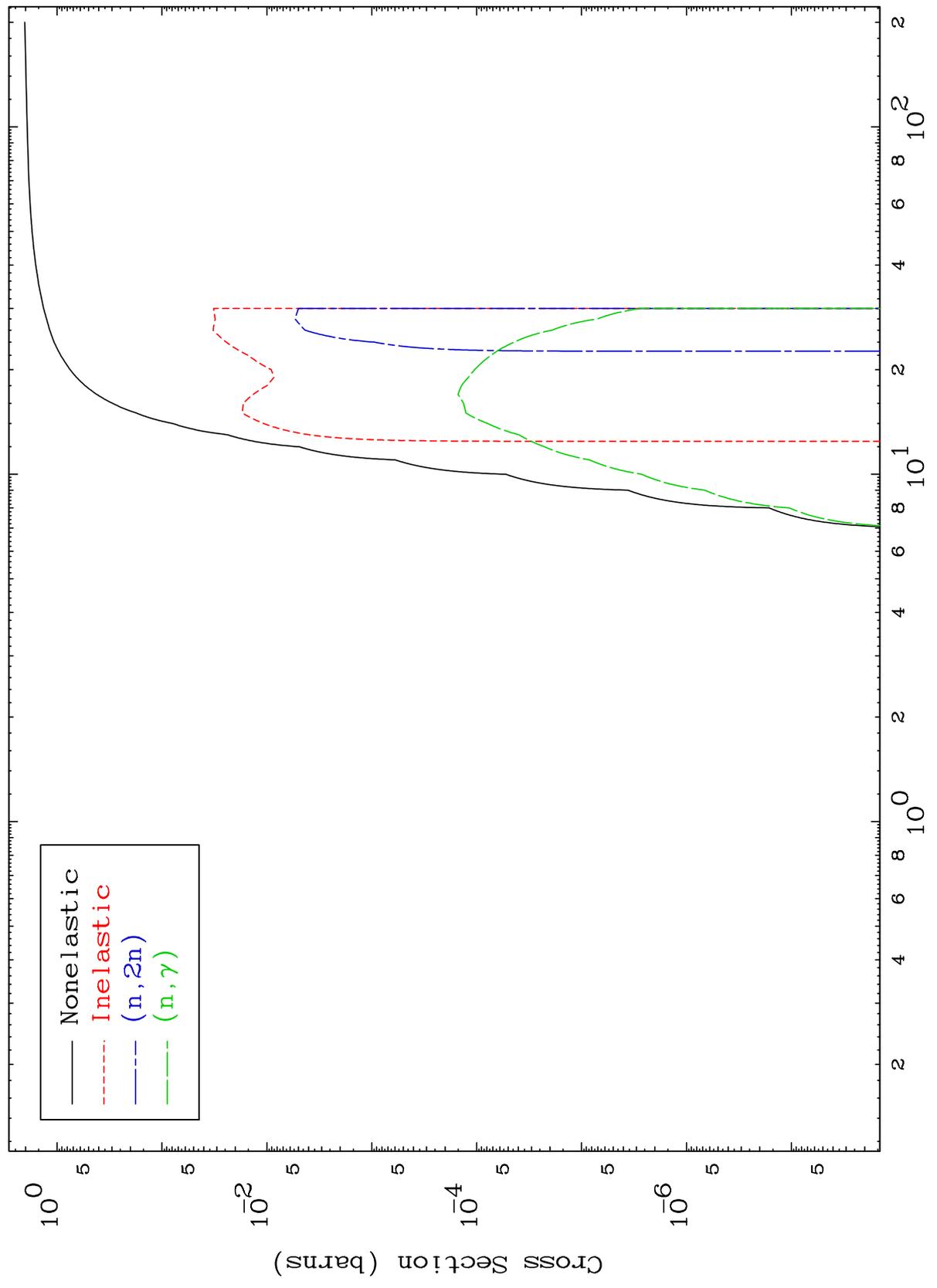
Press Mouse Button to Start

MAT 4813

0 Kelvin

α Major Cross Sections

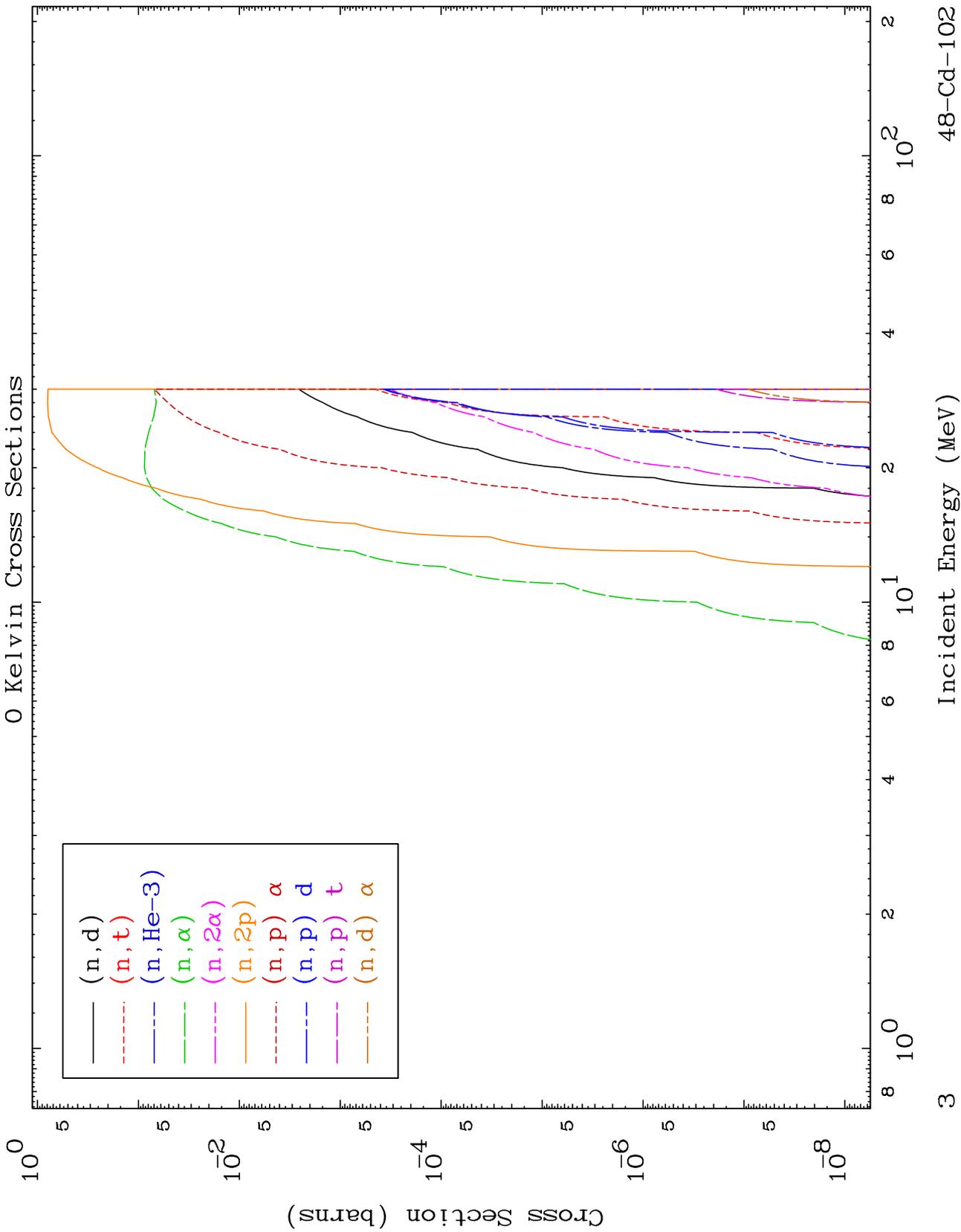
48-Cd-102



MAT 4813

α Neutron Absorption

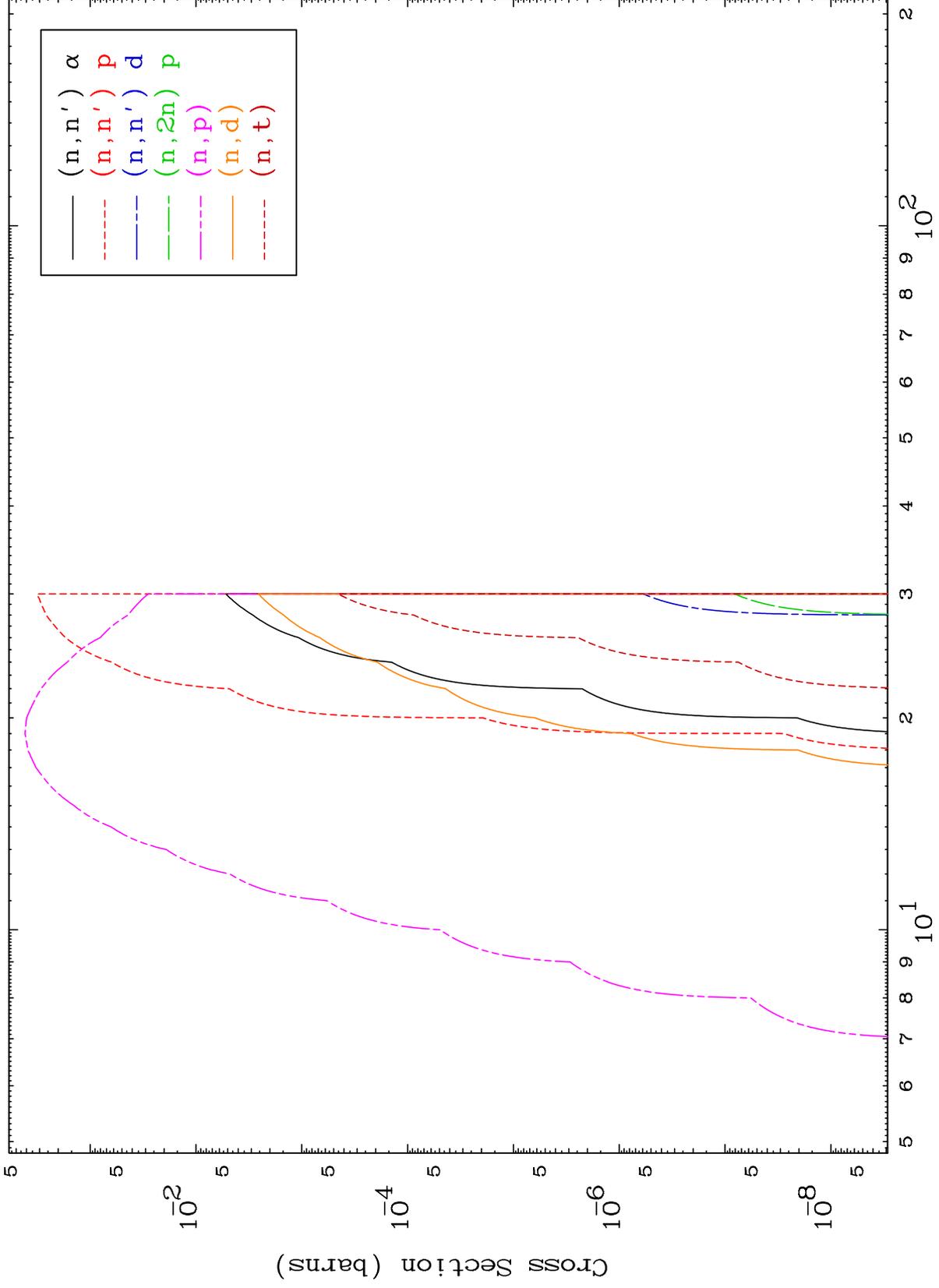
48-Cd-102



3

Incident Energy (MeV)

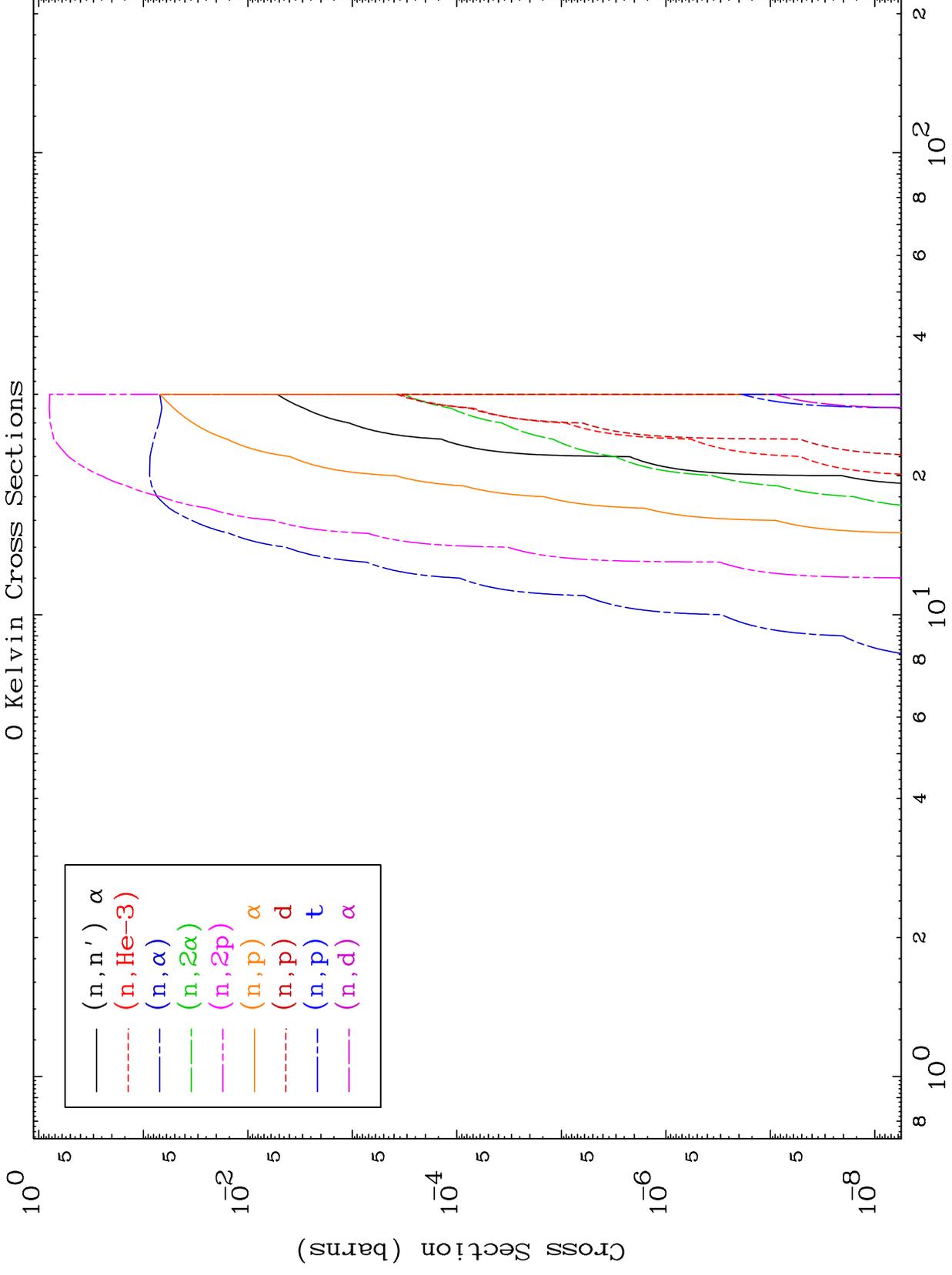
48-Cd-102



MAT 4813

α Charged Particle
0 Kelvin Cross Sections

48-Cd-102



Incident Energy (MeV)

48-Cd-102

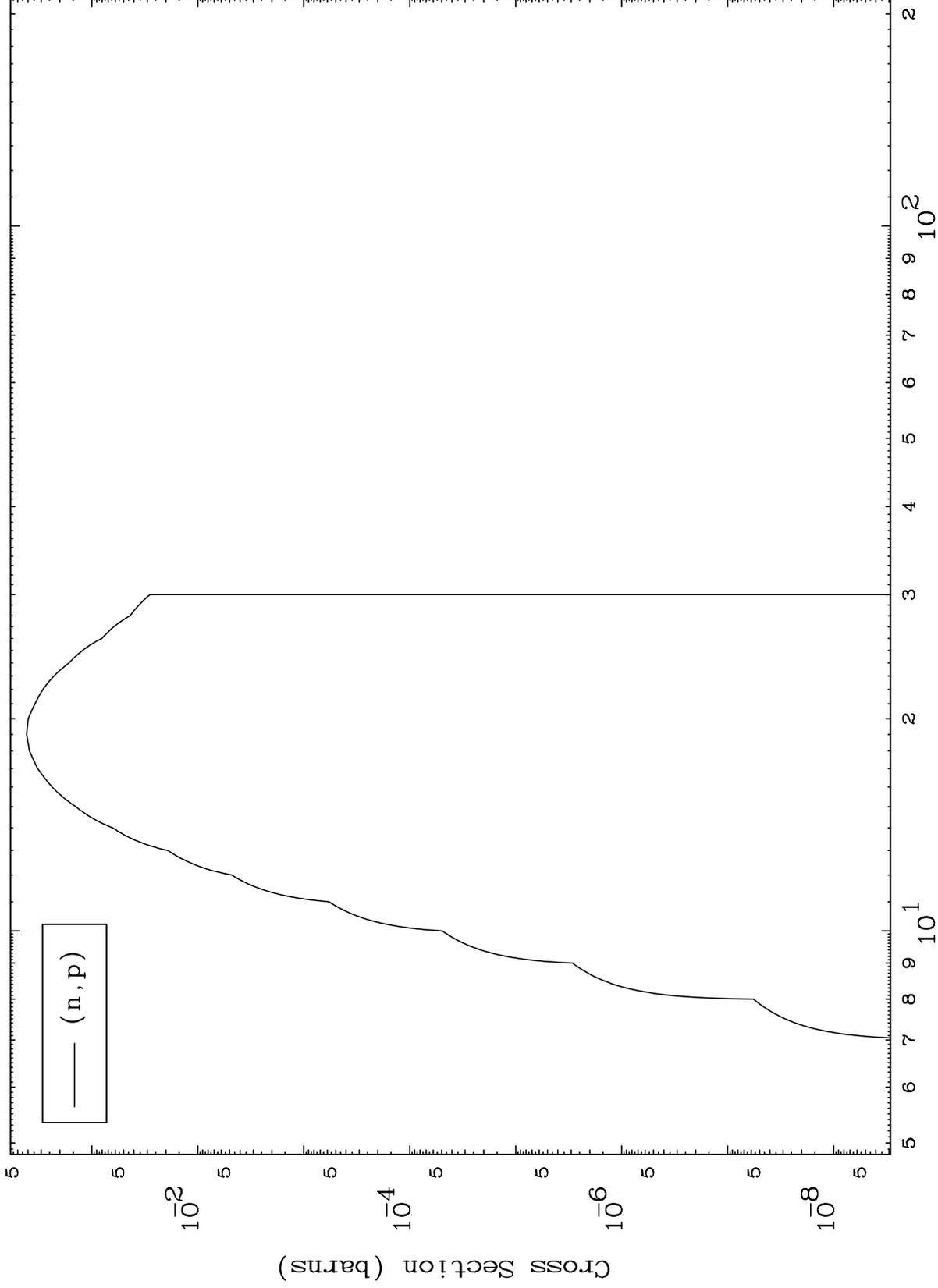
5

MAT 4813

(α, p) Levels

48-Cd-102

0 Kelvin Cross Sections



(n, p)

Incident Energy (MeV)

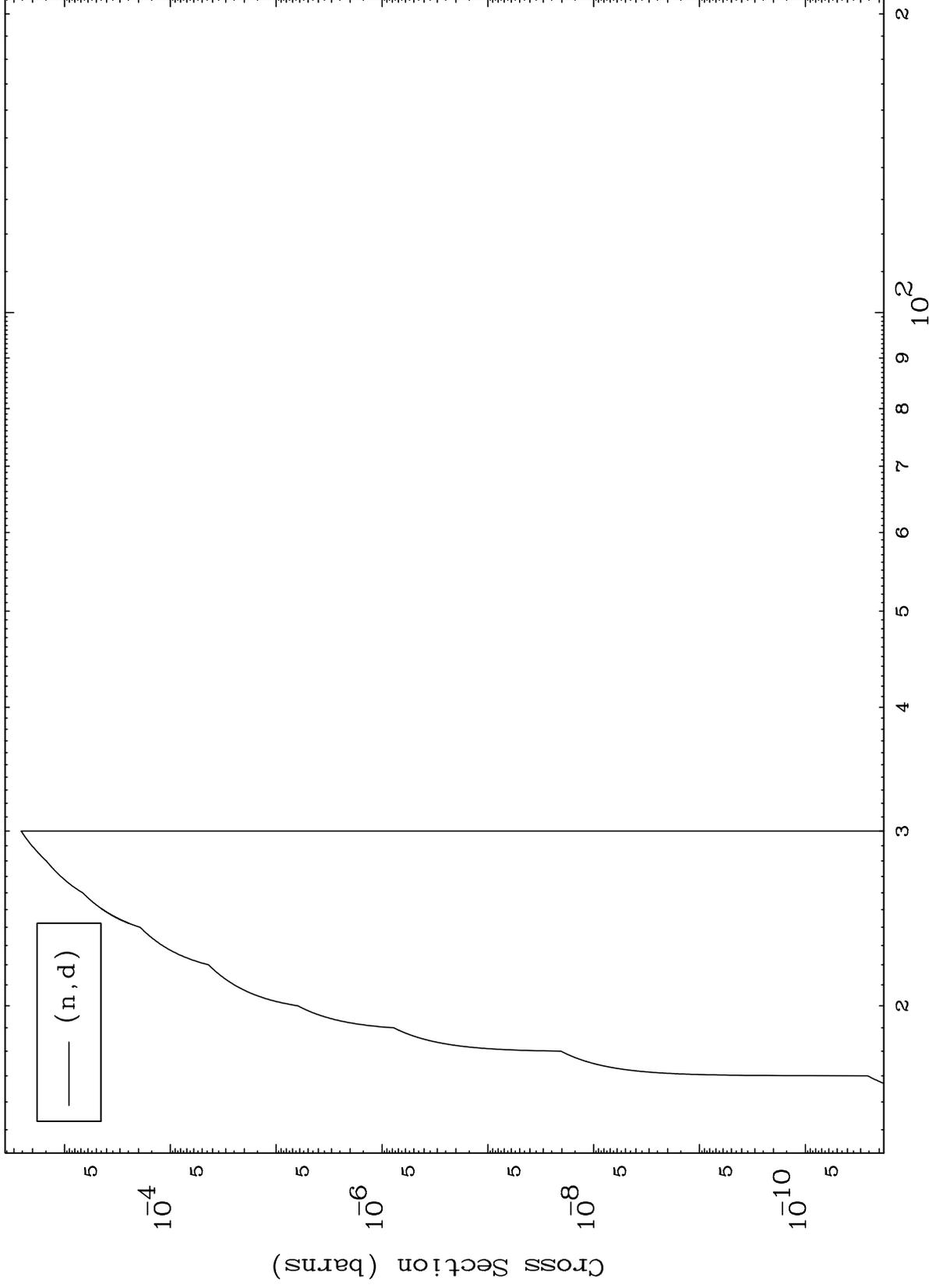
48-Cd-102

6

MAT 4813

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-102



7

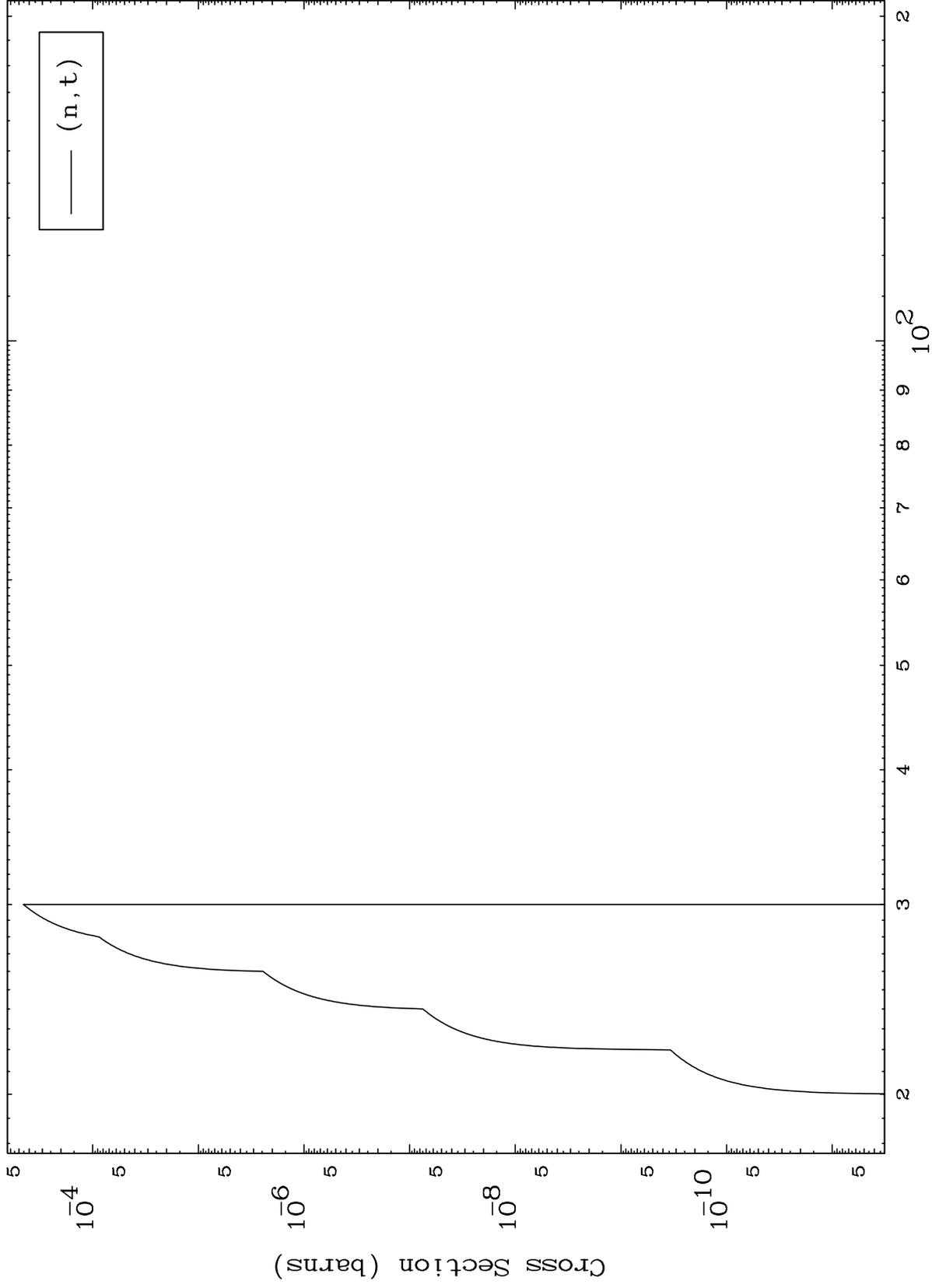
Incident Energy (MeV)

48-Cd-102

MAT 4813

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-102



8

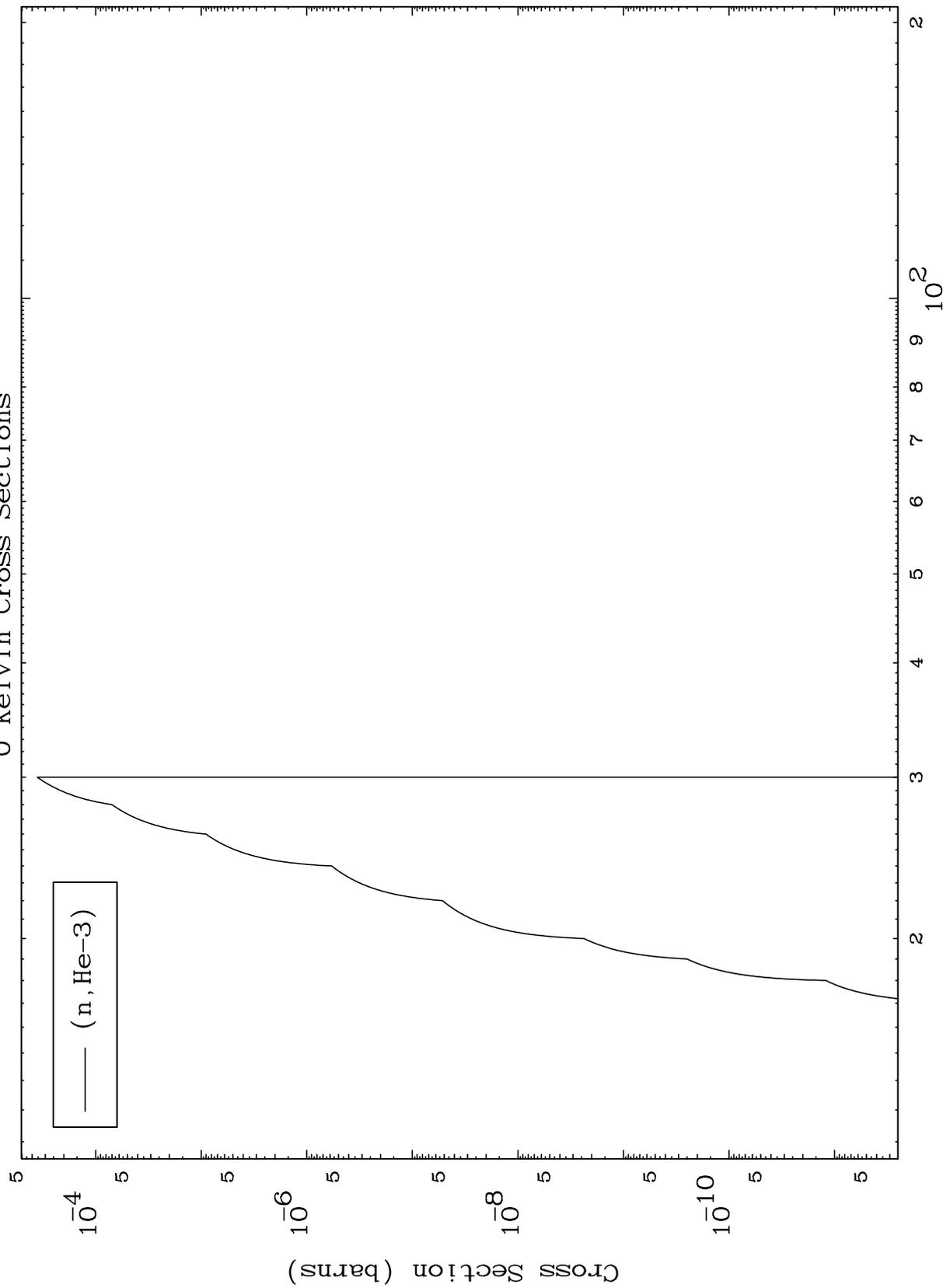
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

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



48-Cd-102

Incident Energy (MeV)

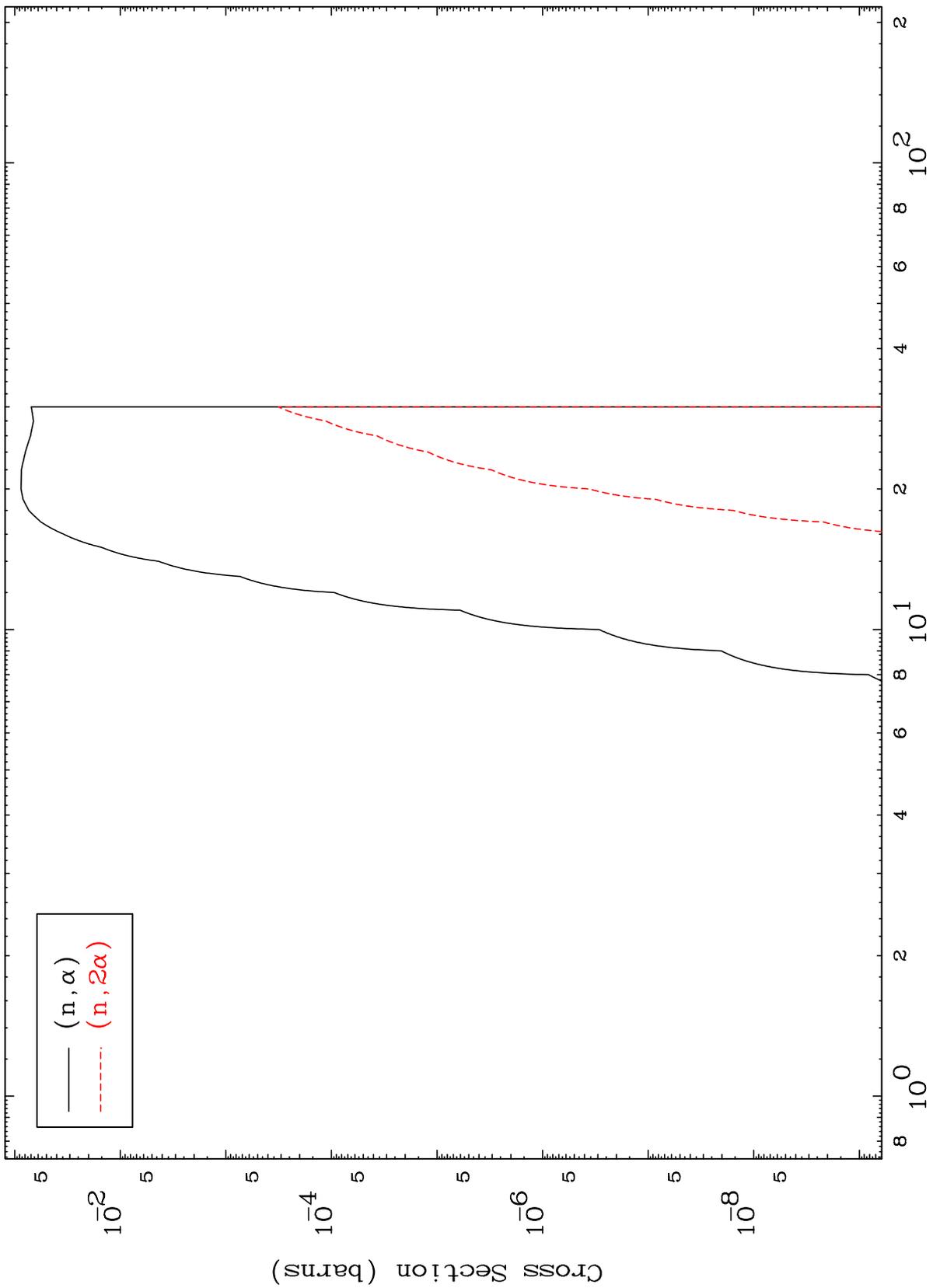
9

MAT 4813

(α, α) Levels

48-Cd-102

0 Kelvin Cross Sections

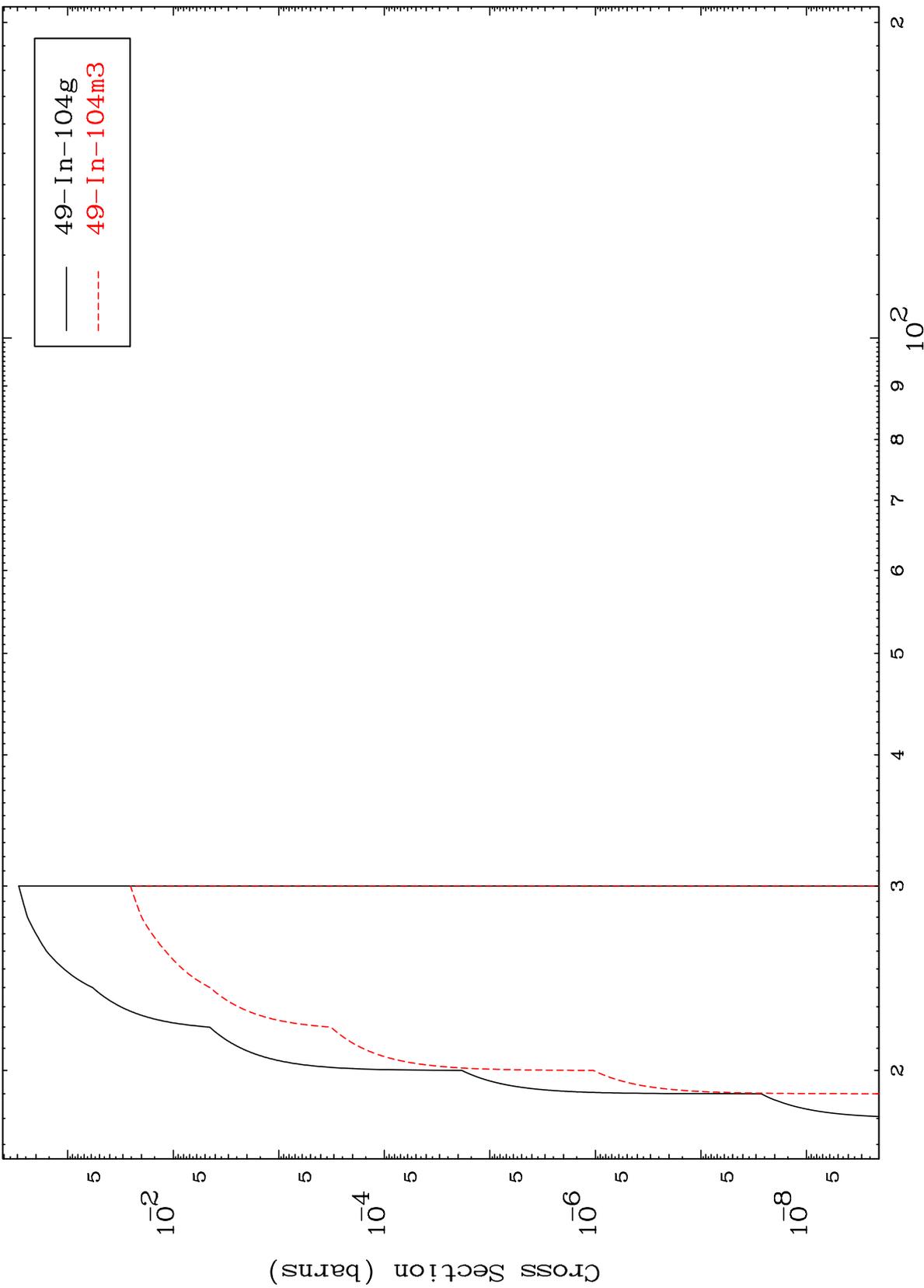


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Incident Energy (MeV)

48-Cd-102

Radionuclide Production Cross Section



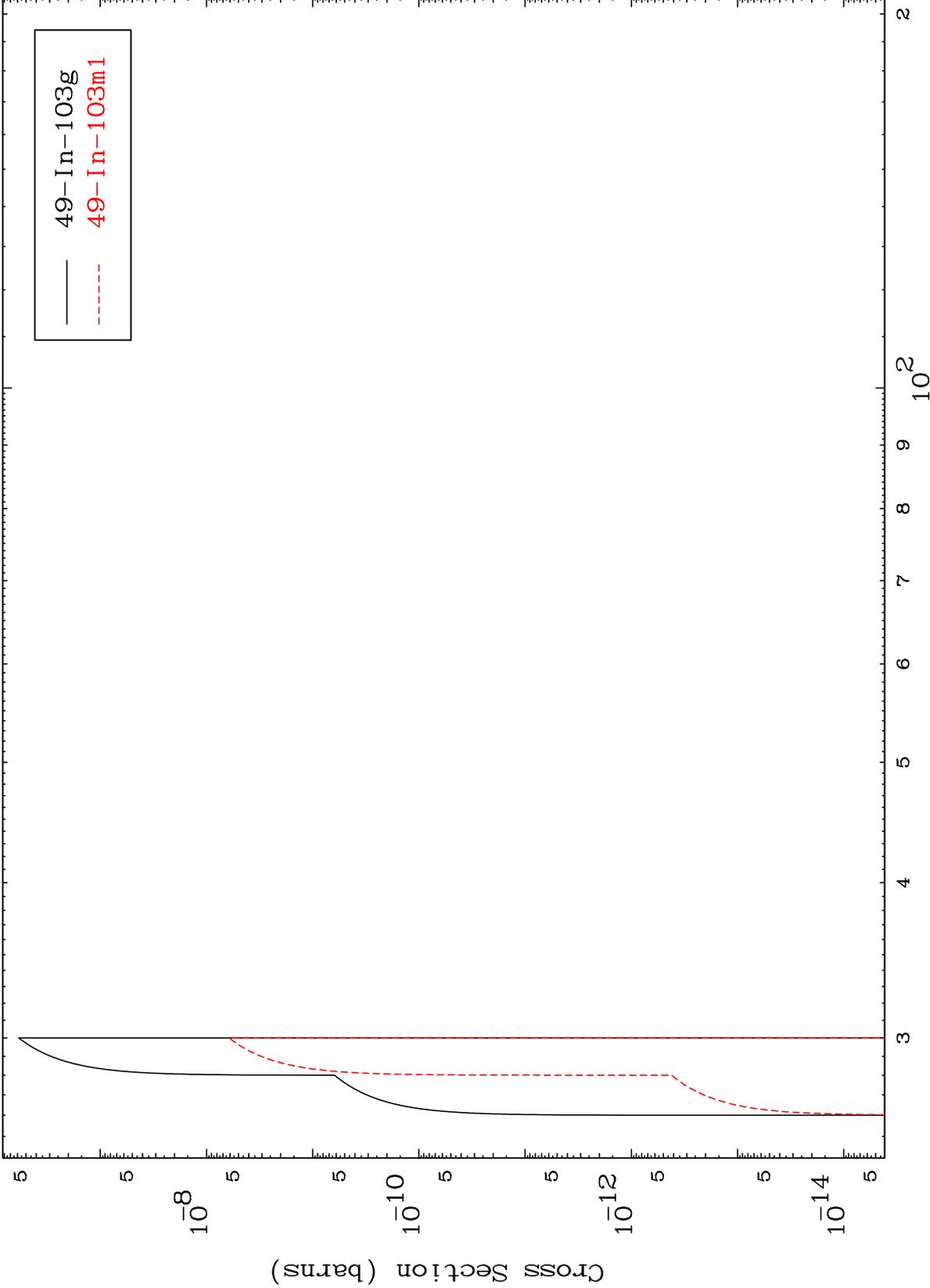
49-In-104g
49-In-104m3

MAT 4813

(n,n') d

48-Cd-102

Radionuclide Production Cross Section



12

Incident Energy (MeV)

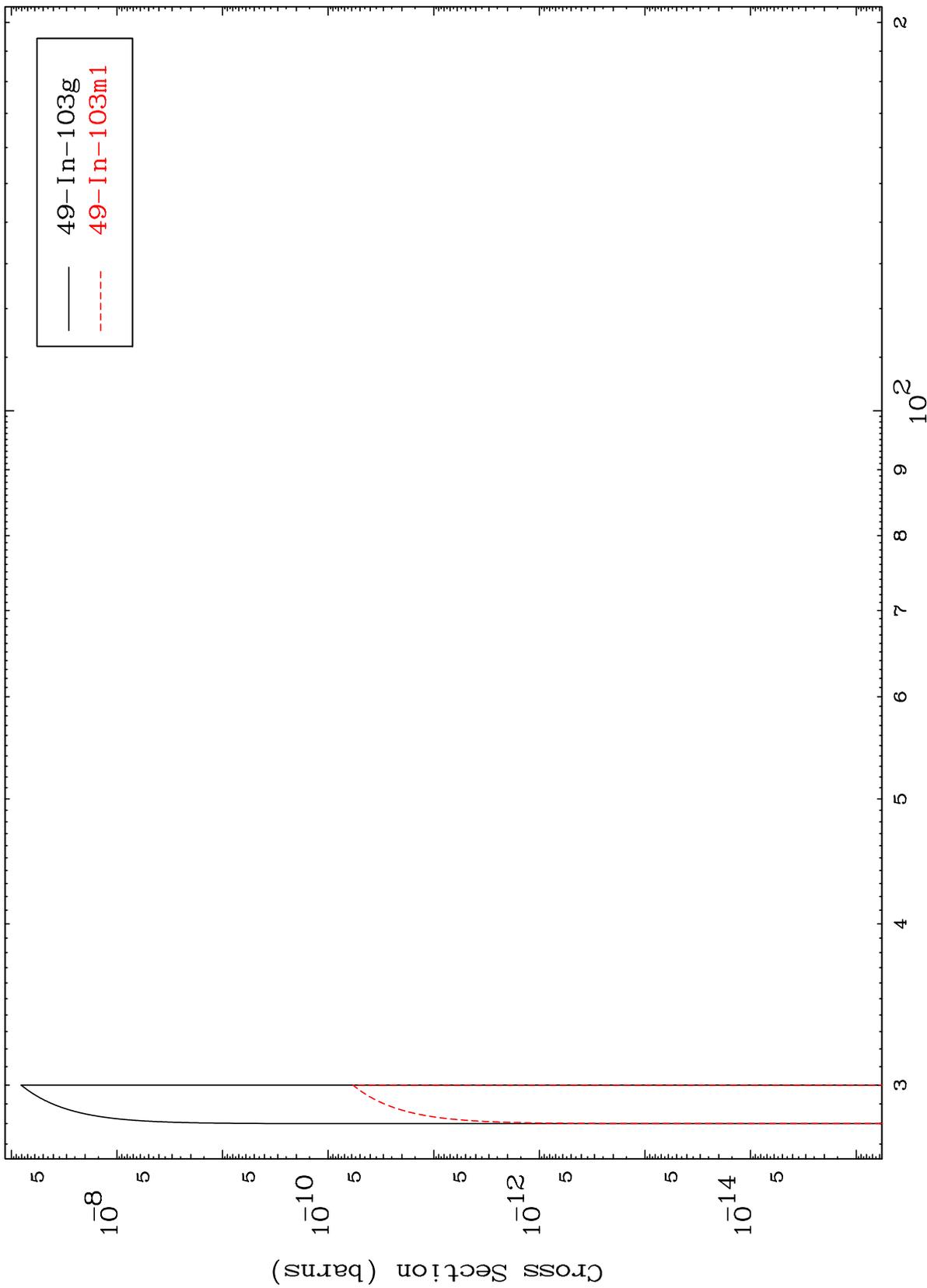
48-Cd-102

MAT 4813

(n,2n) p

48-Cd-102

Radionuclide Production Cross Section



13

Incident Energy (MeV)

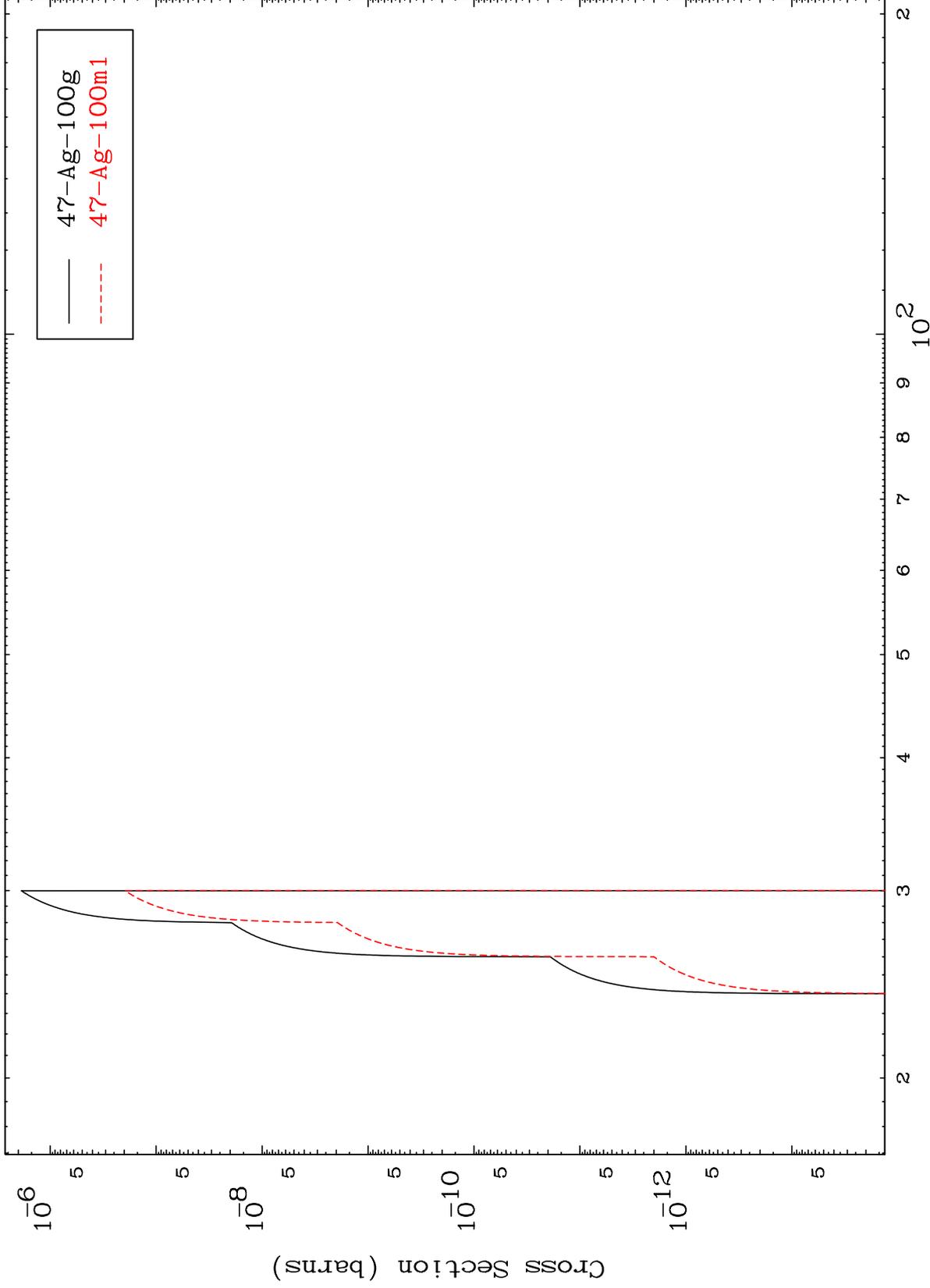
48-Cd-102

MAT 4813

(n,n') p α

48-Cd-102

Radionuclide Production Cross Section



14

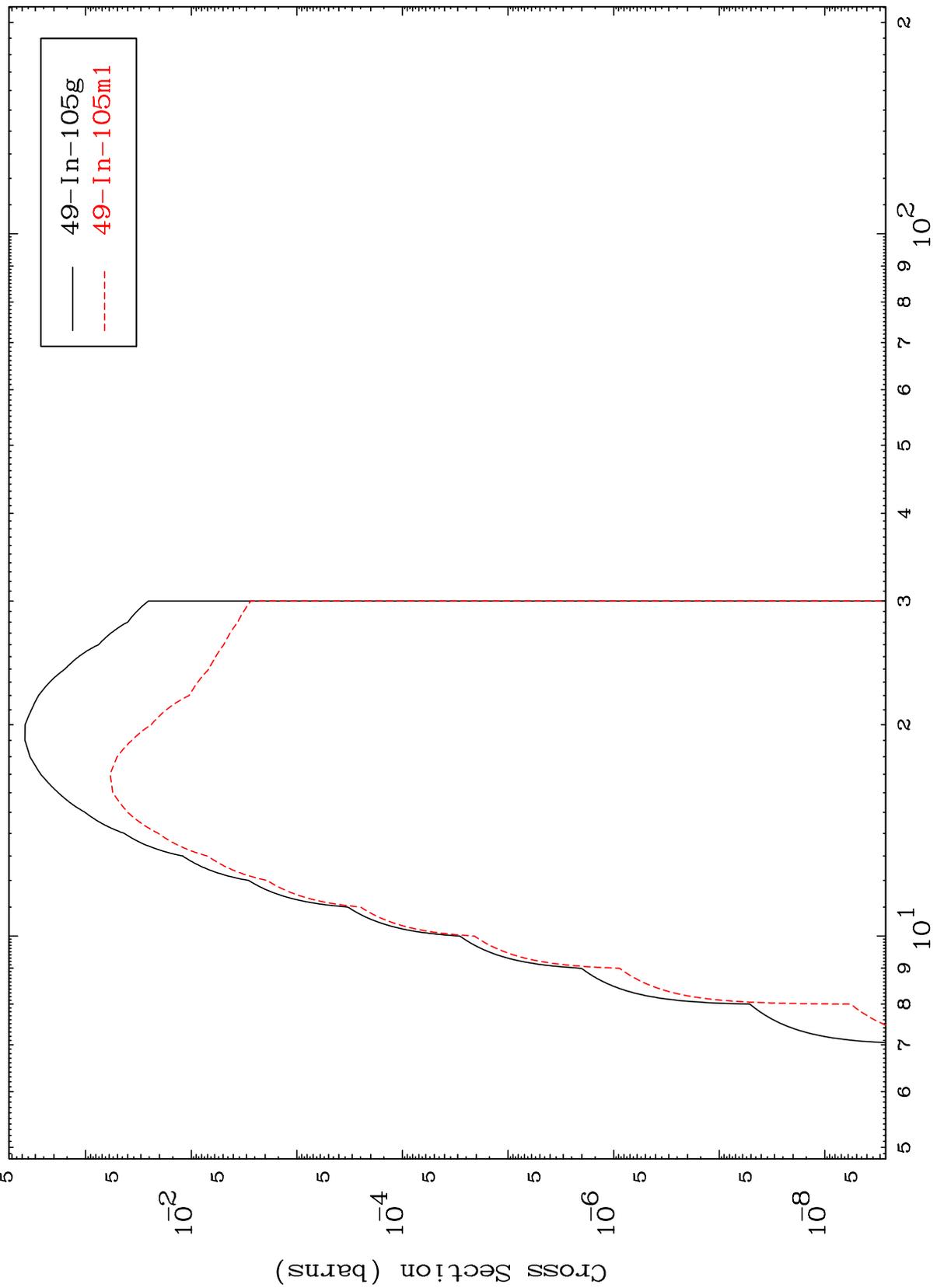
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,p)
Radionuclide Production Cross Section

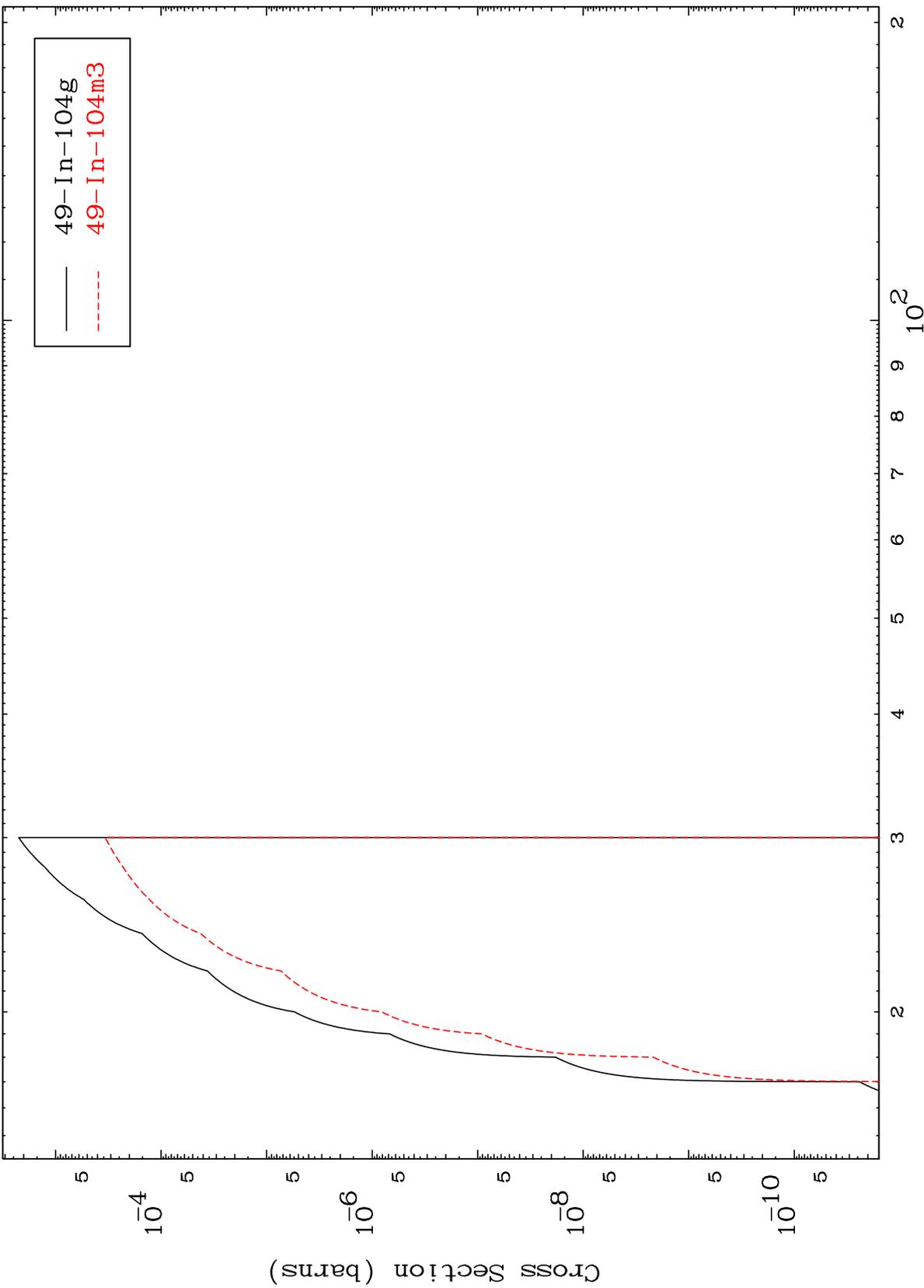


15

Incident Energy (MeV)

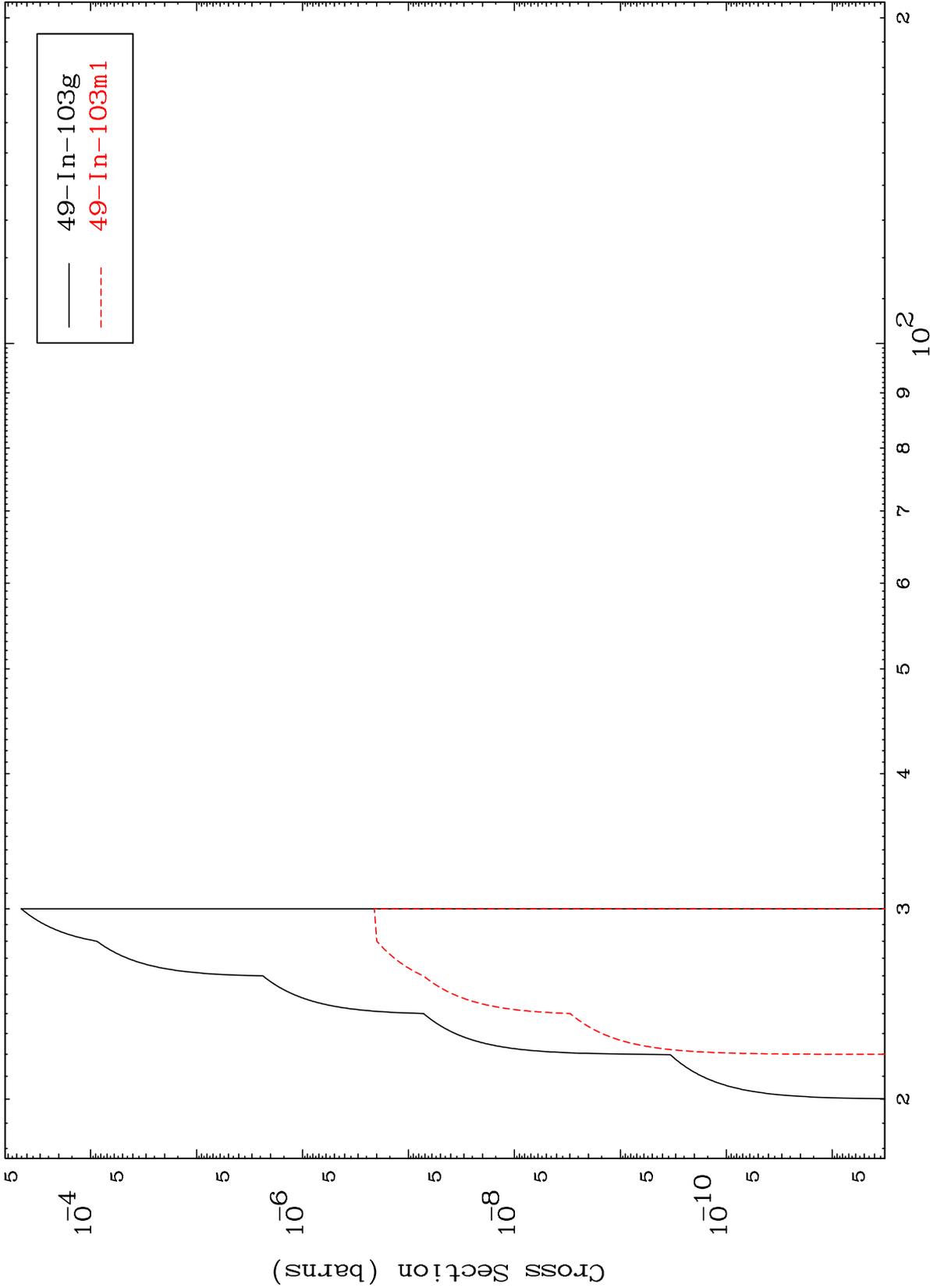
48-Cd-102

(n,d)
Radionuclide Production Cross Section



49-In-104g
49-In-104m3

(n,t)
Radionuclide Production Cross Section



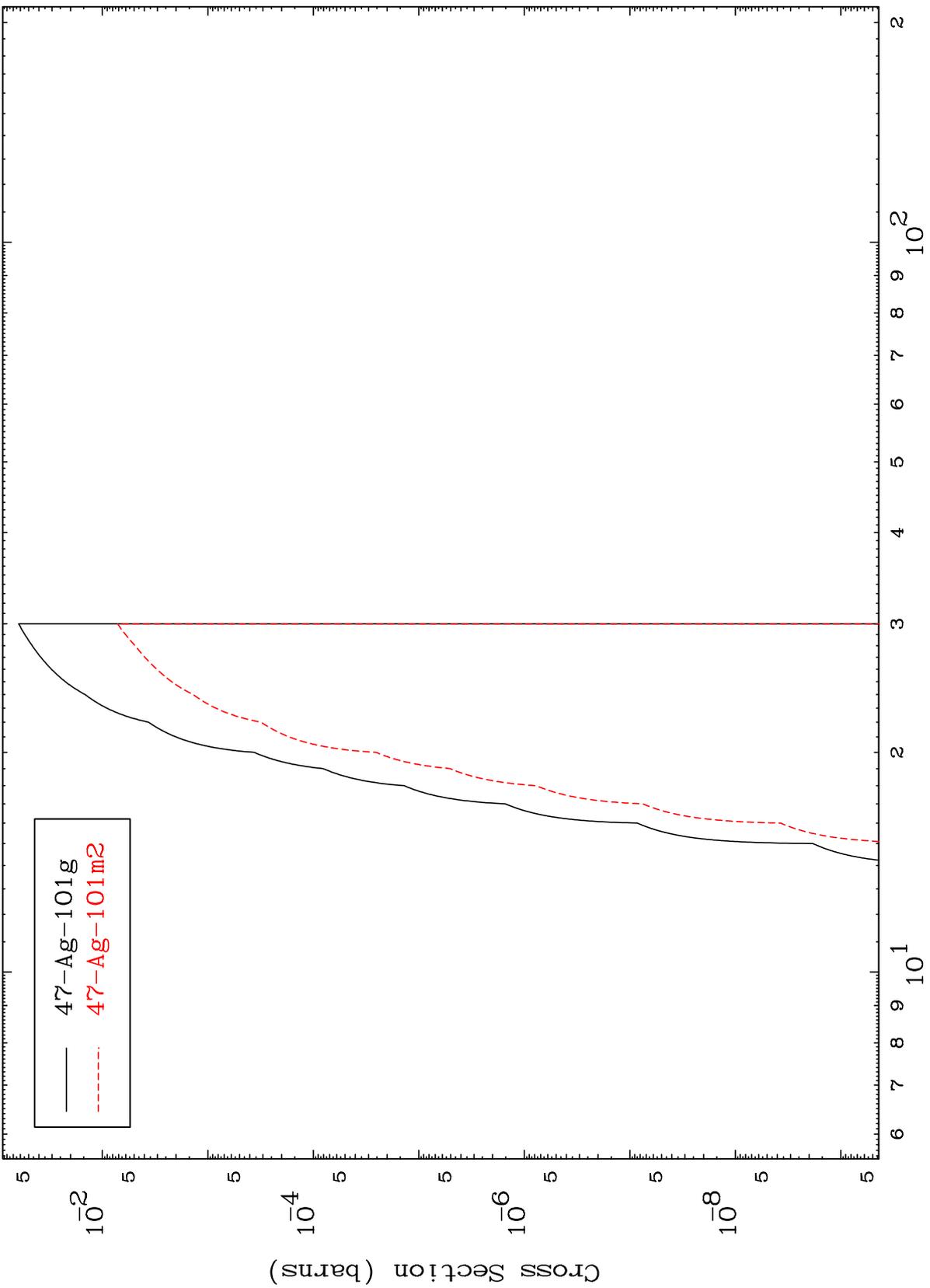
49-In-103g
49-In-103m1

MAT 4813

(n,p) α

48-Cd-102

Radionuclide Production Cross Section



18

Incident Energy (MeV)

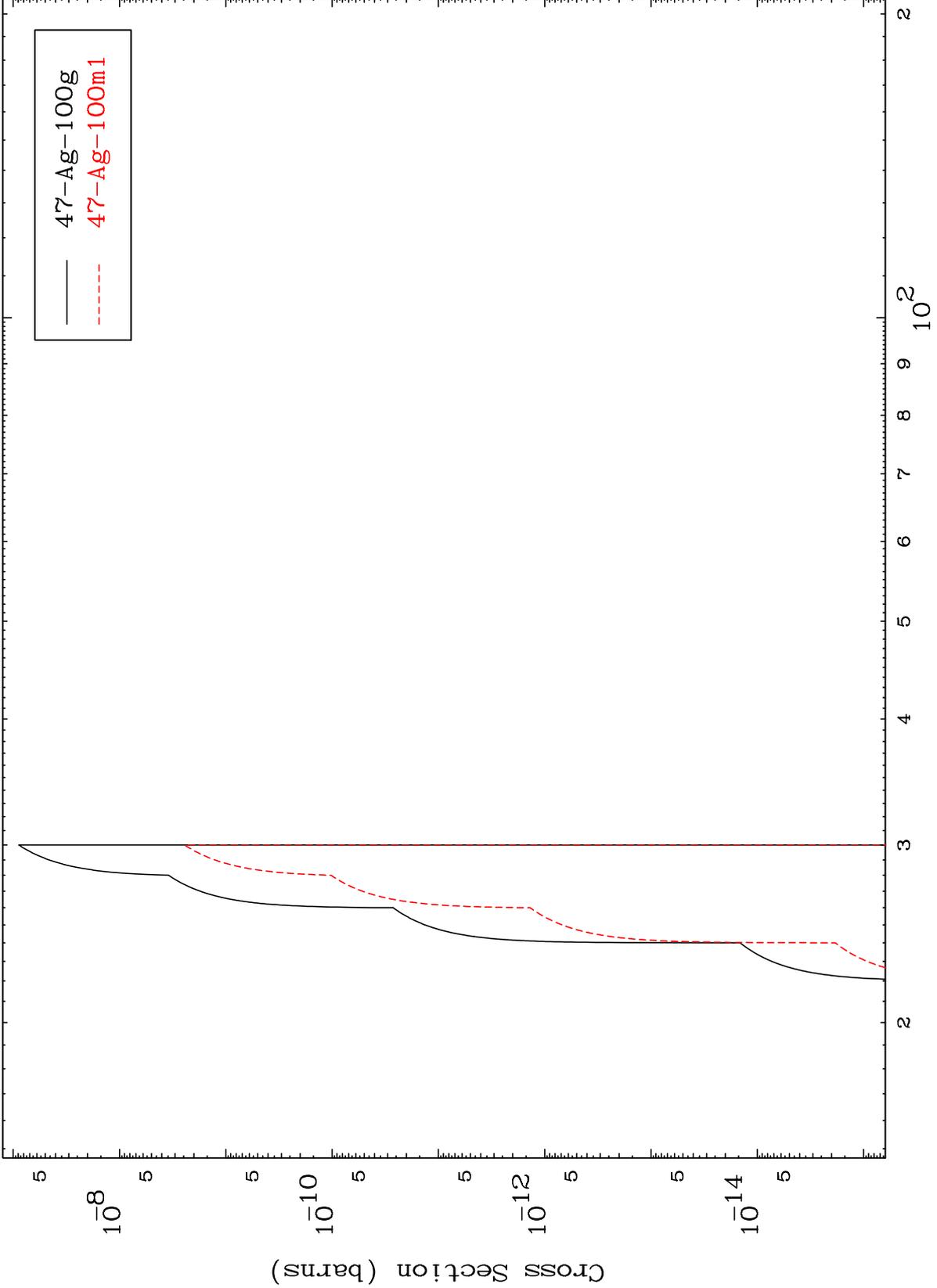
48-Cd-102

MAT 4813

(n,d) α

48-Cd-102

Radionuclide Production Cross Section



19

Incident Energy (MeV)

48-Cd-102