

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

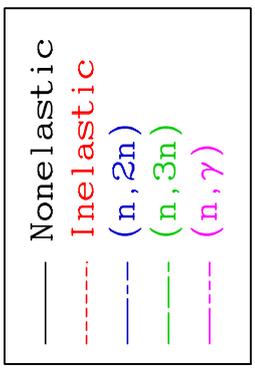
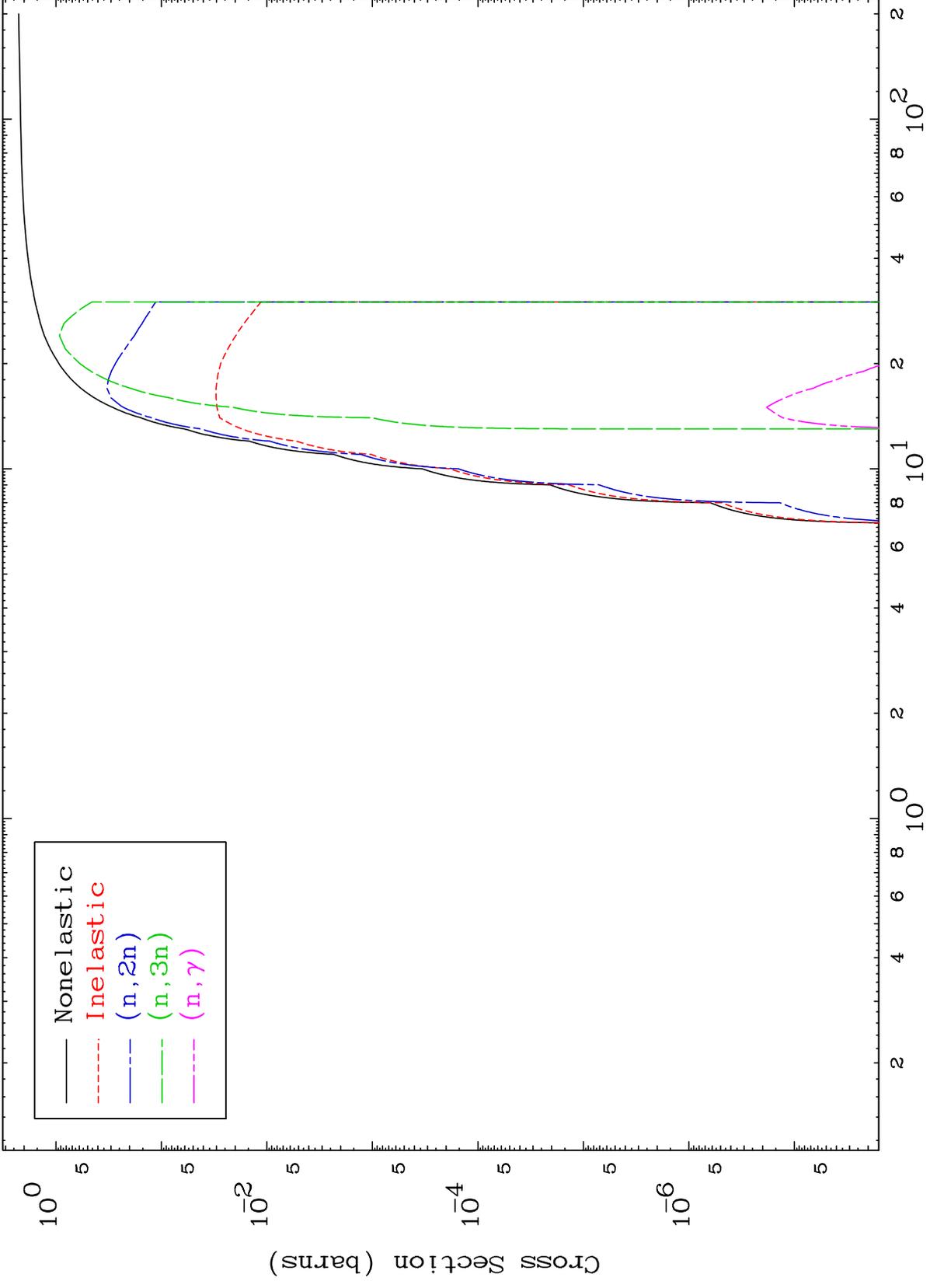
Press Mouse Button to Start

MAT 4879

α Major

48-Cd-124

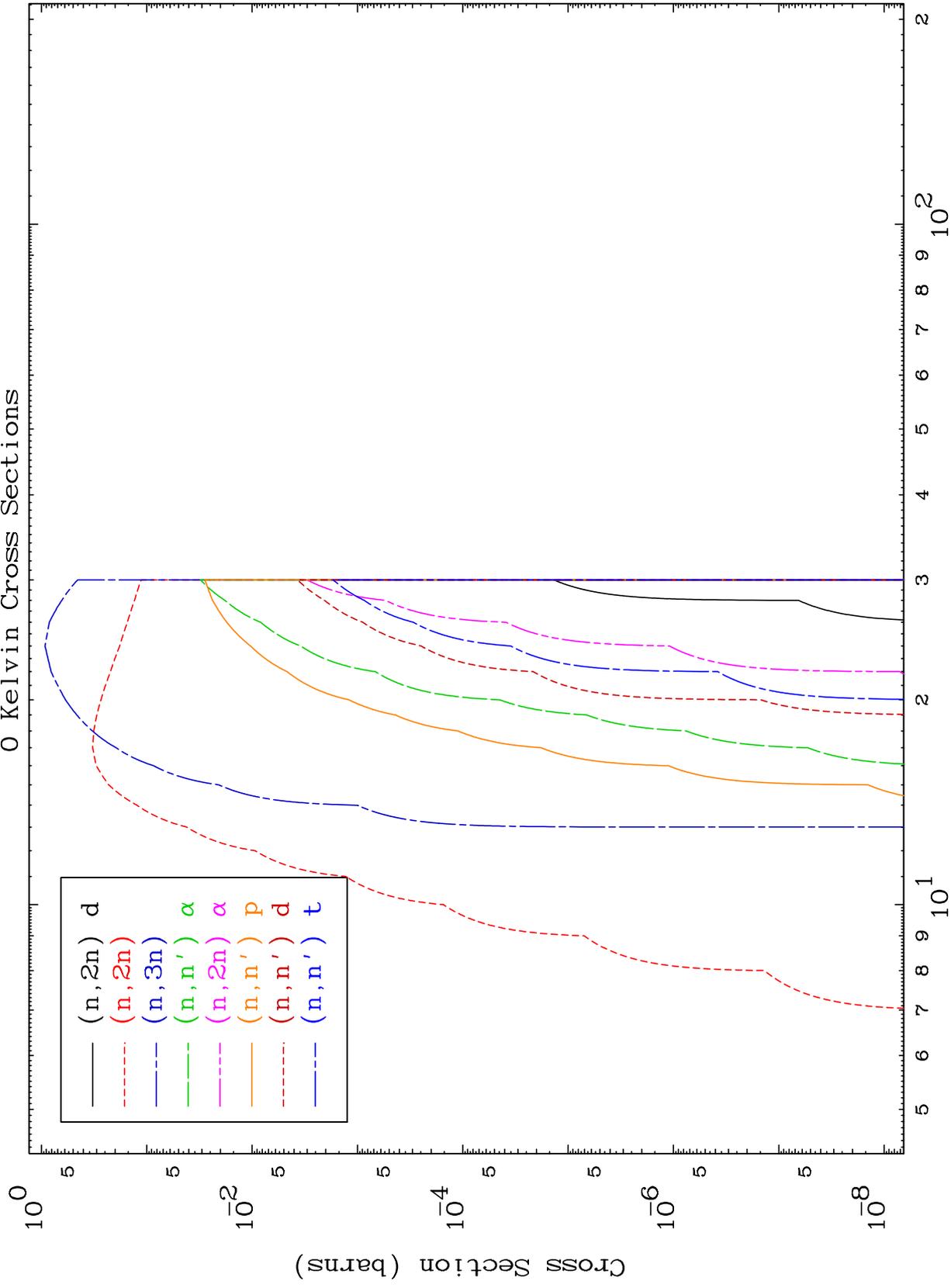
0 Kelvin Cross Sections



MAT 4879

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-124



2

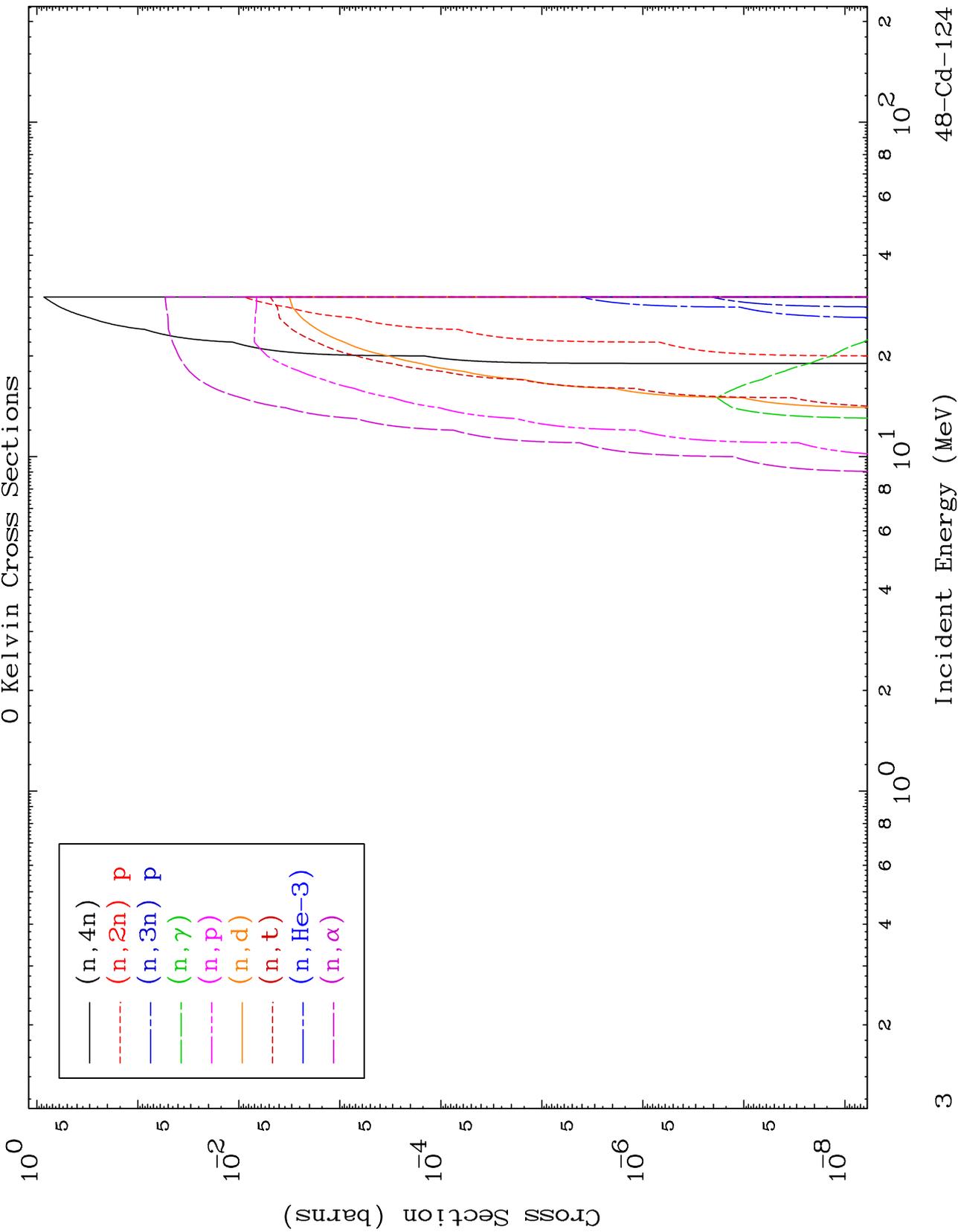
Incident Energy (MeV)

48-Cd-124

MAT 4879

α Neutron Absorption
0 Kelvin Cross Sections

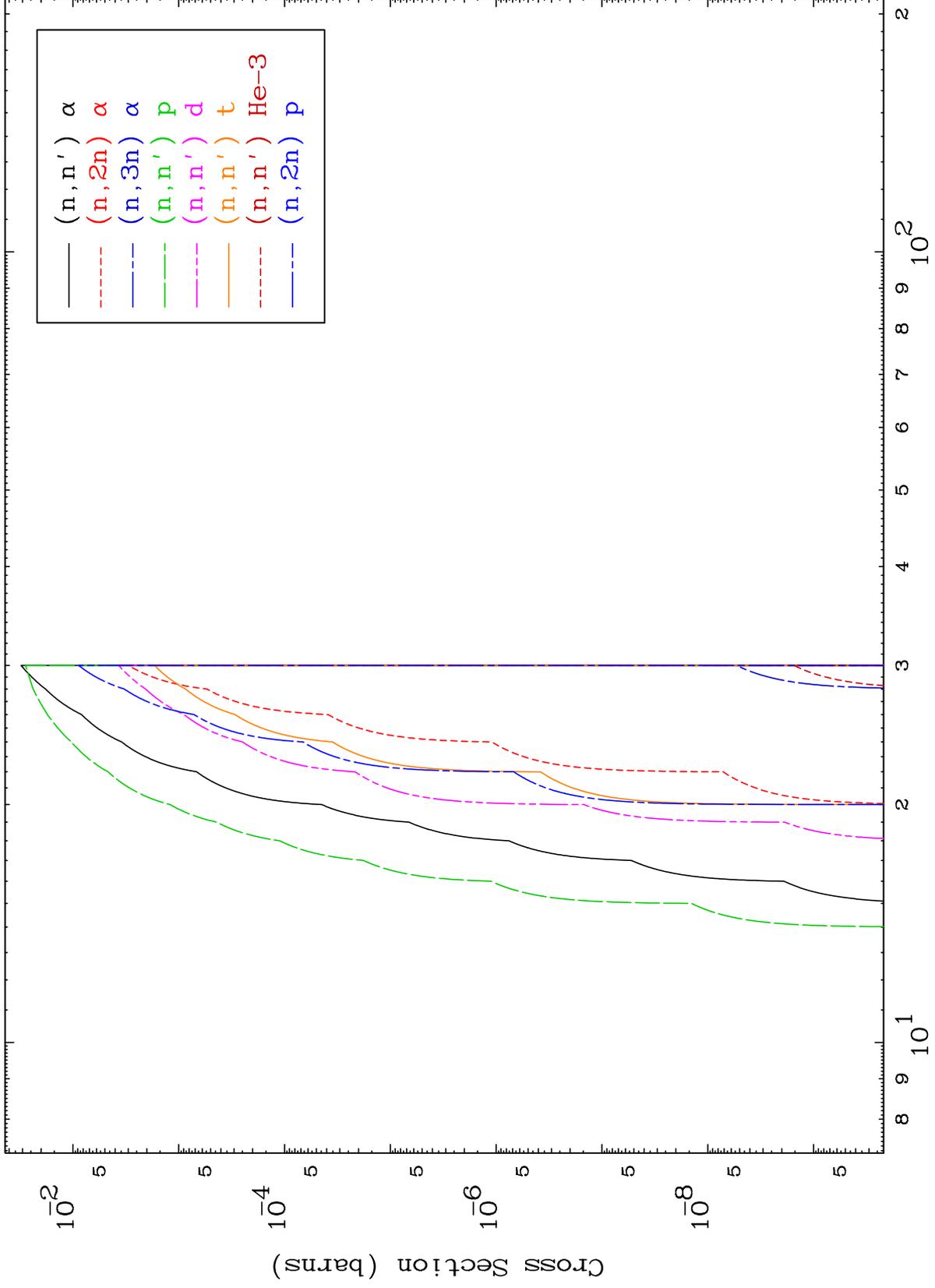
48-Cd-124



MAT 4879

α Charged Particle
0 Kelvin Cross Sections

48-Cd-124



4

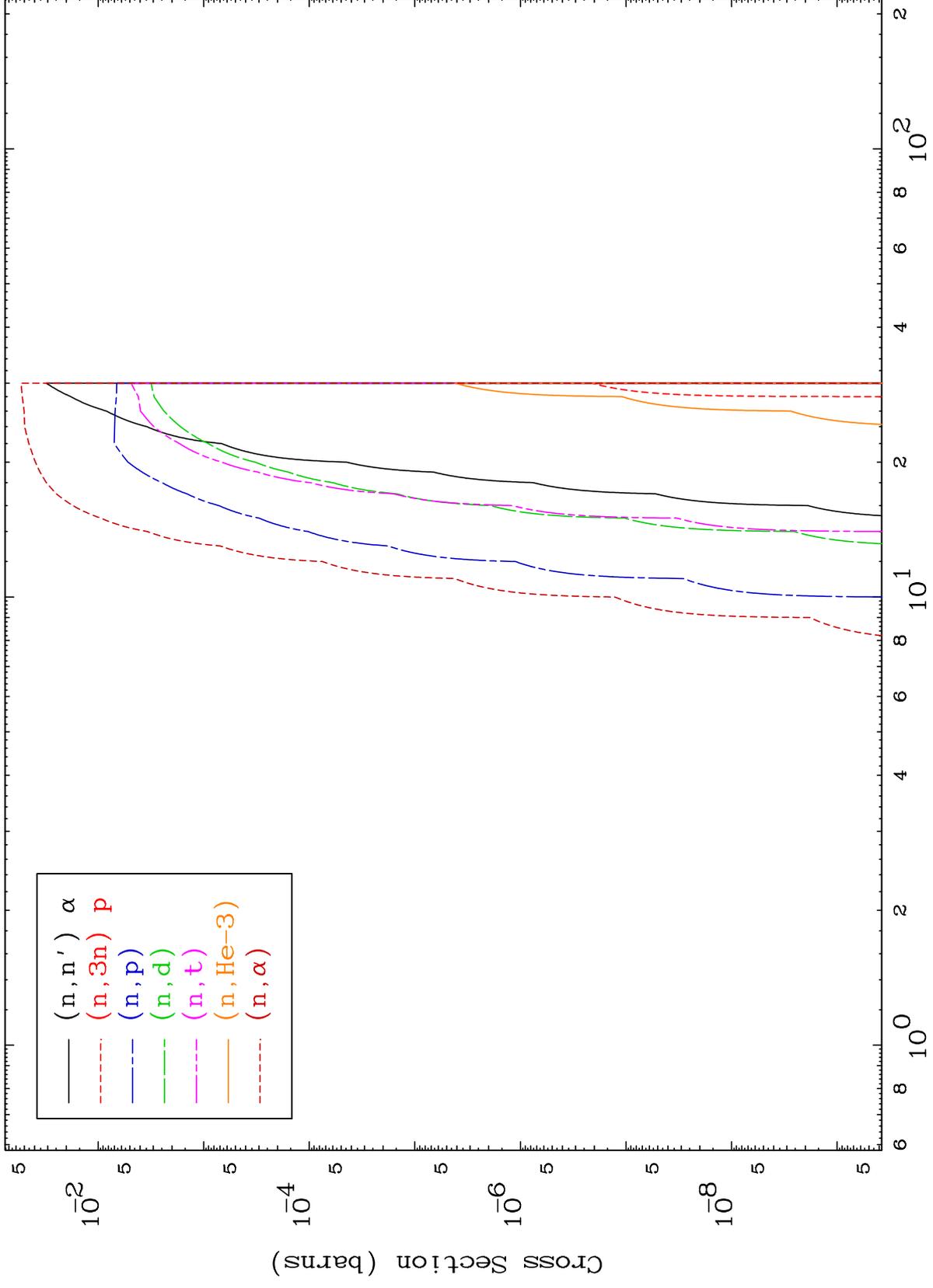
Incident Energy (MeV)

48-Cd-124

MAT 4879

α Charged Particle
0 Kelvin Cross Sections

48-Cd-124



5

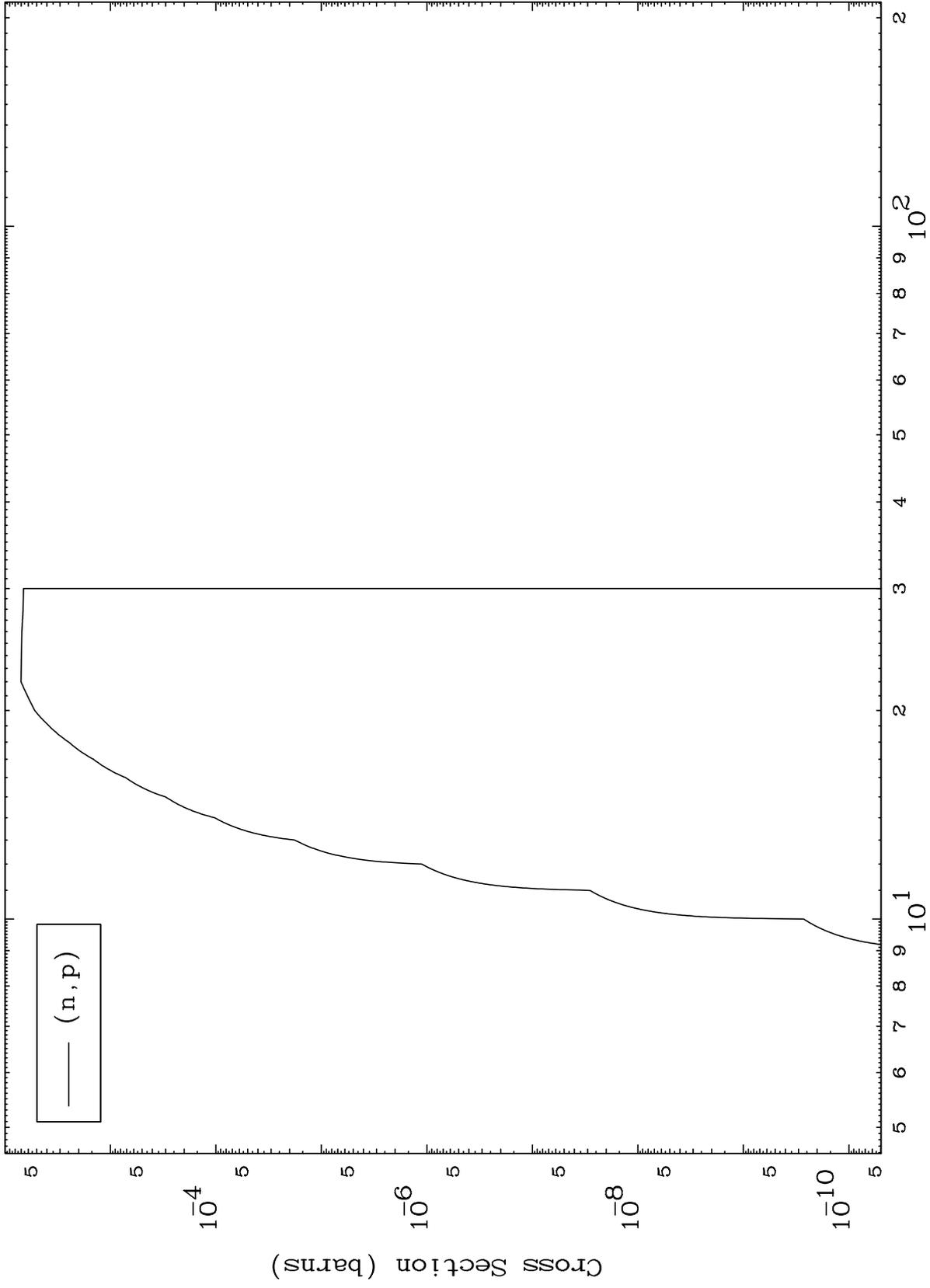
Incident Energy (MeV)

48-Cd-124

MAT 4879

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-124



6

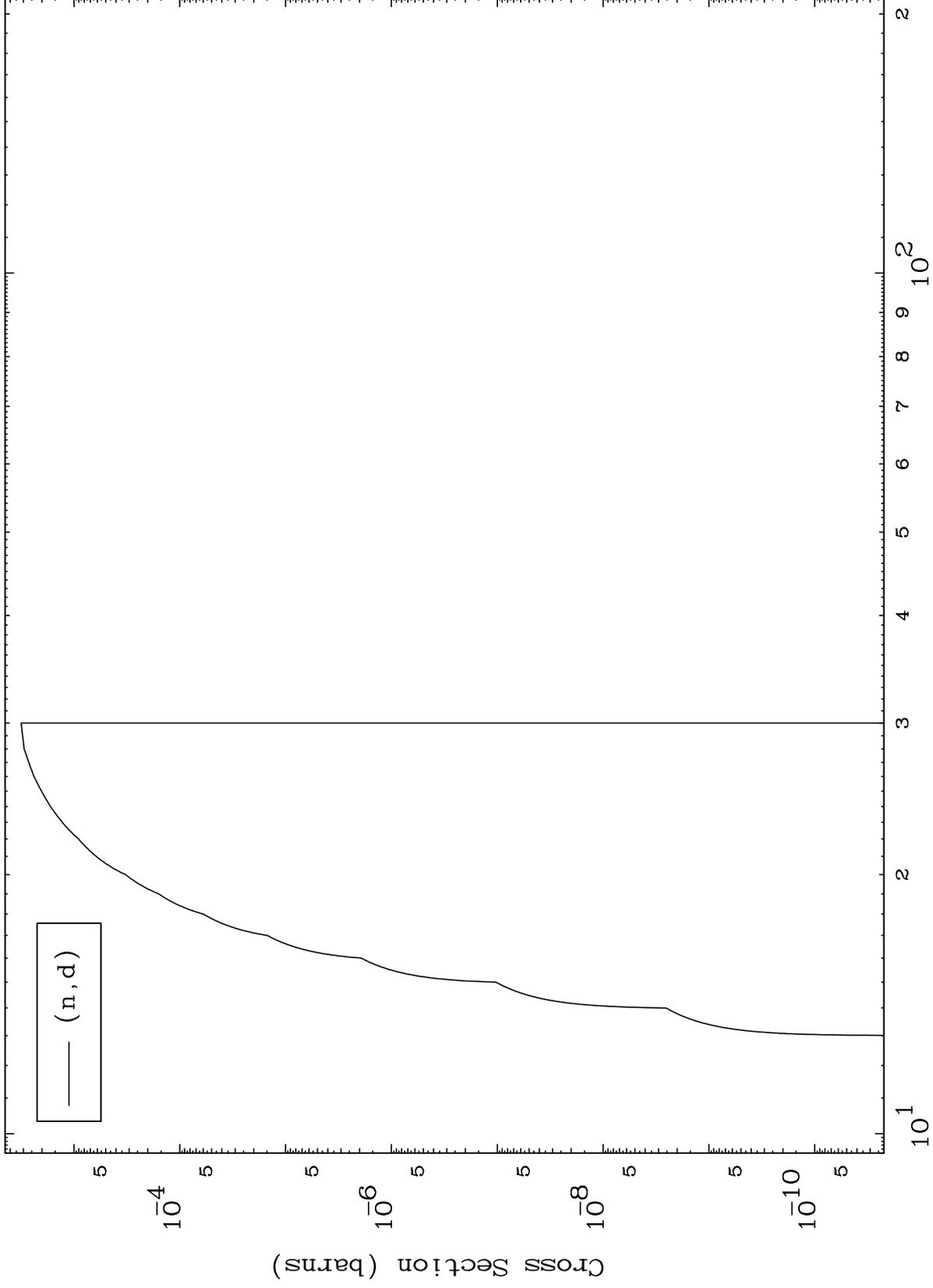
Incident Energy (MeV)

48-Cd-124

MAT 4879

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-124



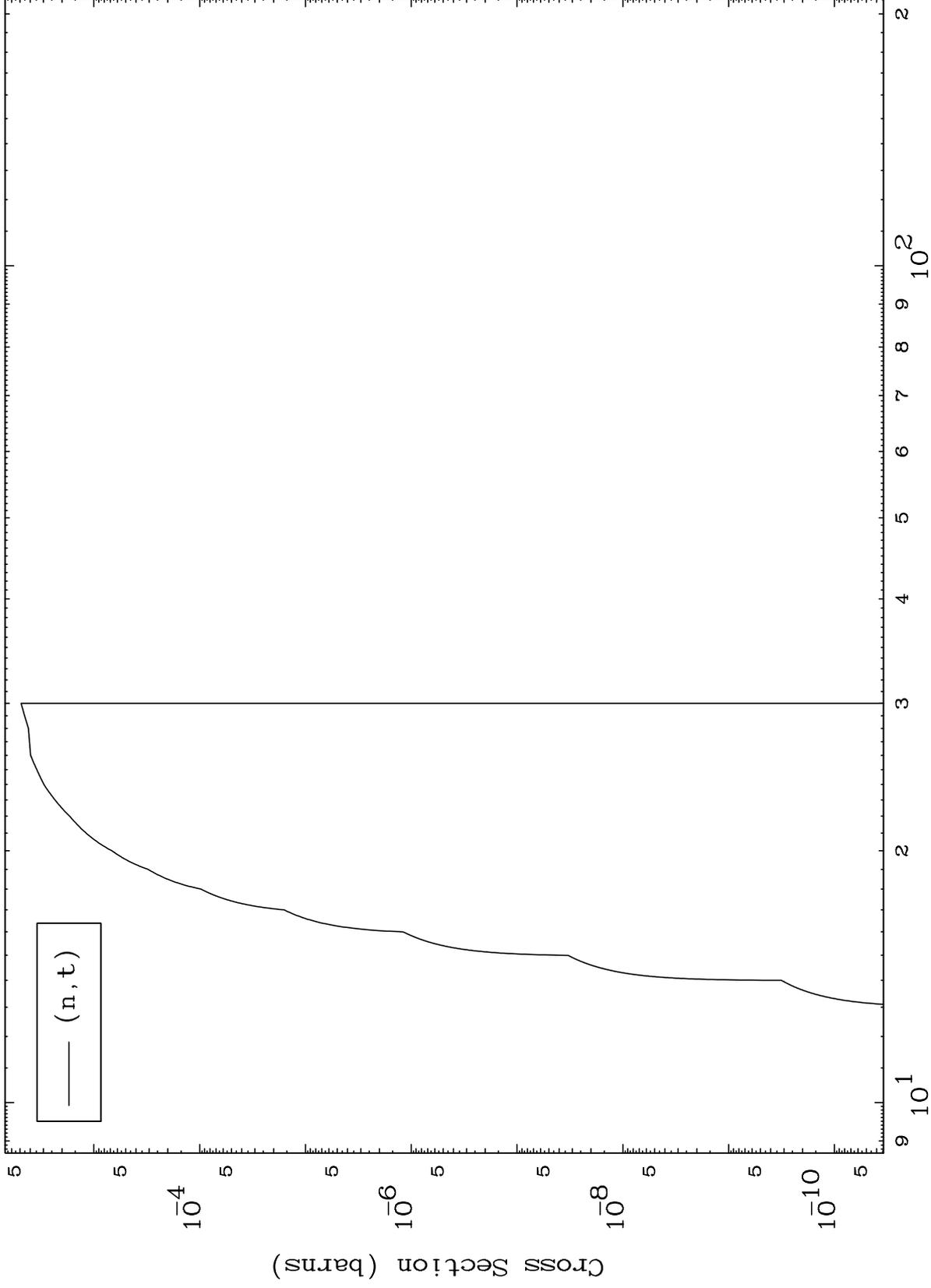
Incident Energy (MeV)

48-Cd-124

MAT 4879

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-124



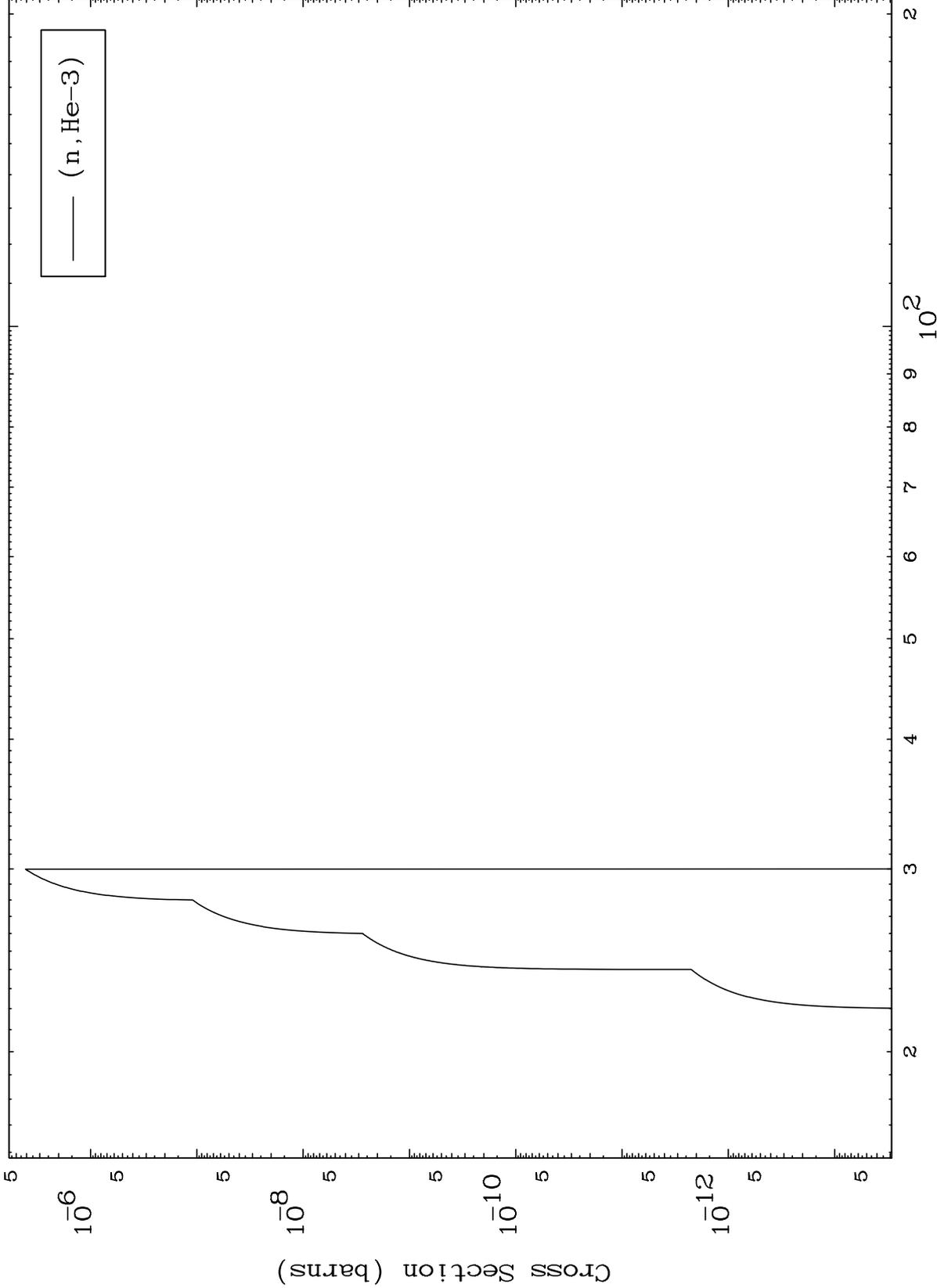
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



9

Incident Energy (MeV)

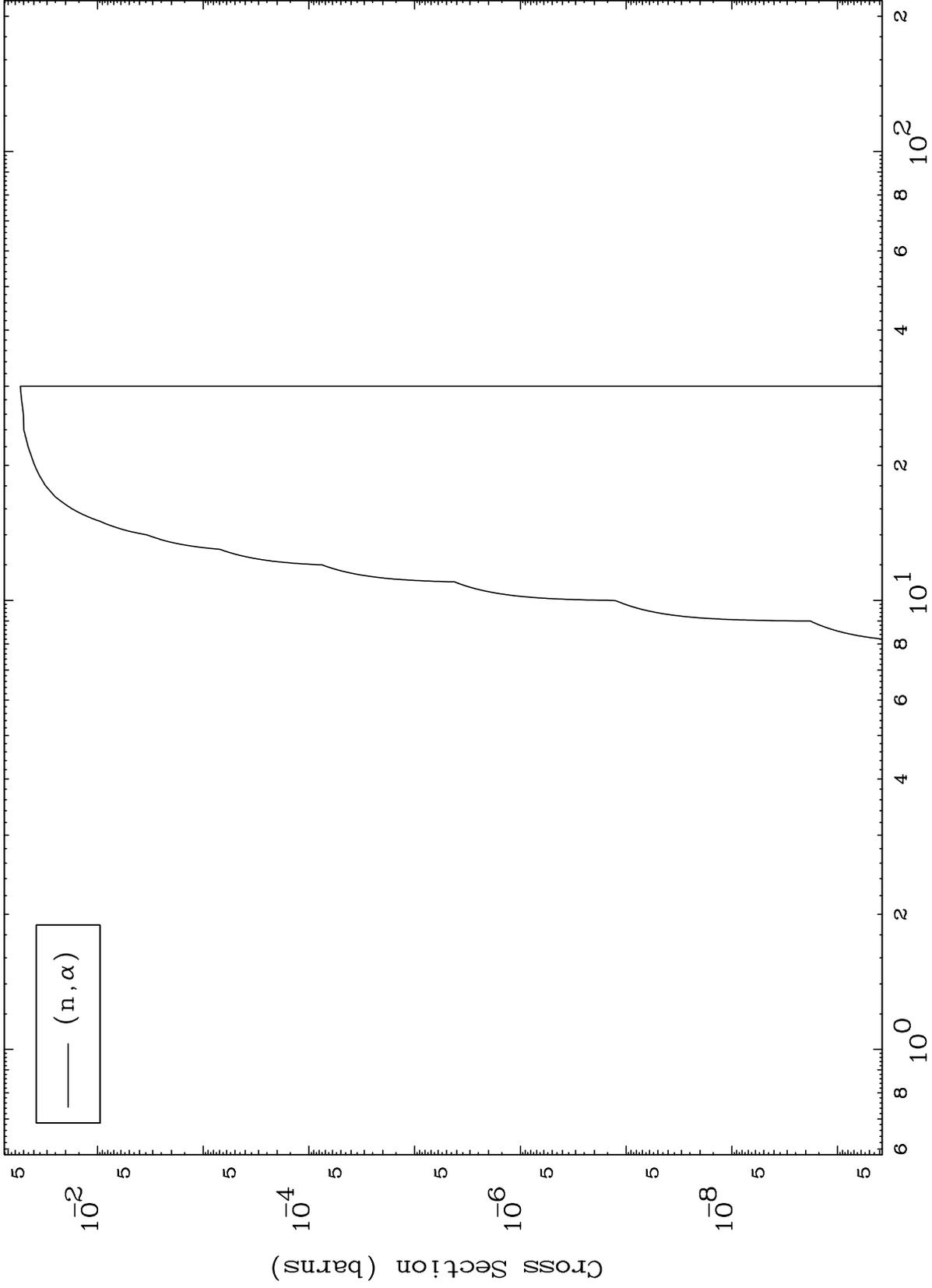
48-Cd-124

MAT 4879

(α, α) Levels

48-Cd-124

0 Kelvin Cross Sections



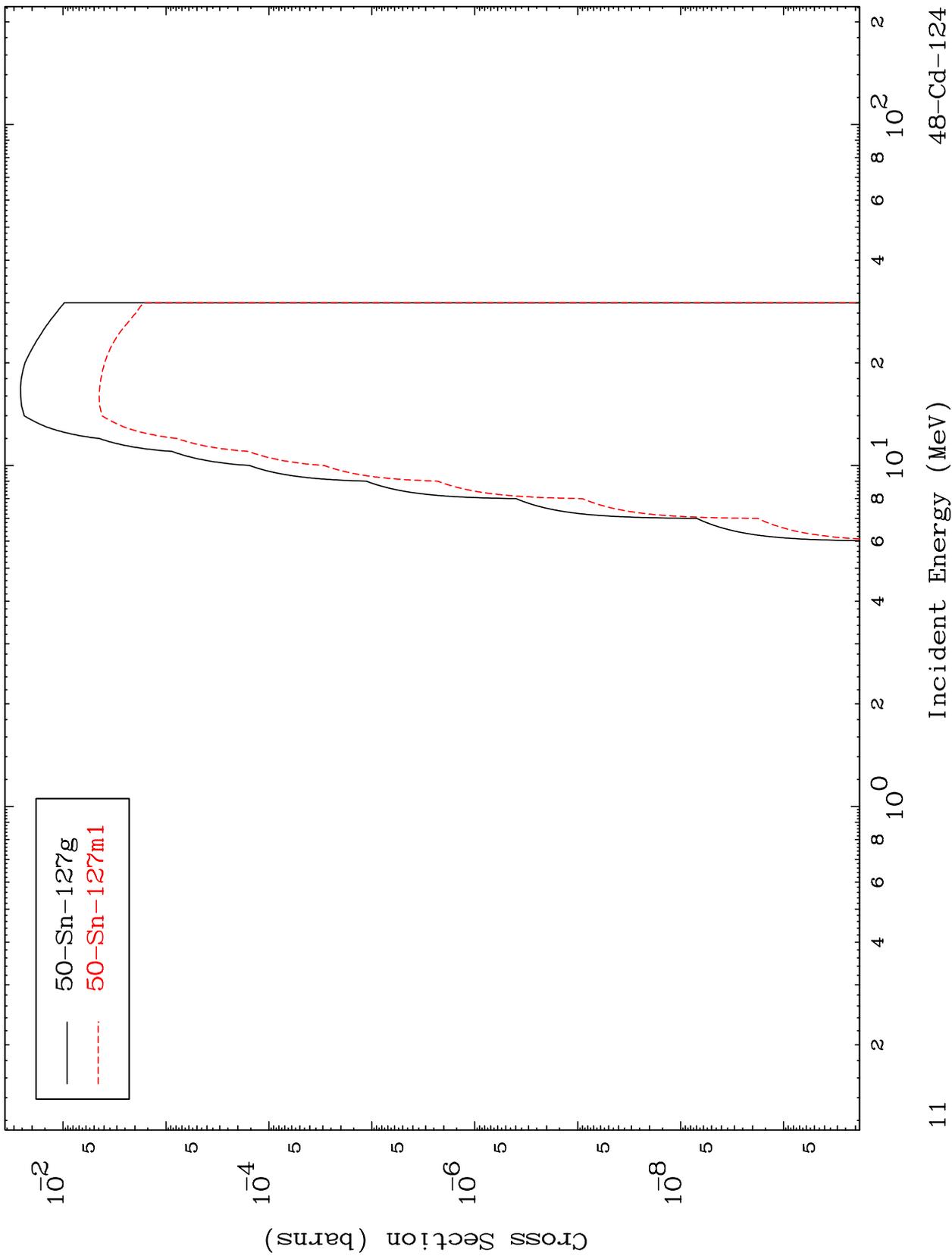
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

Radionuclide Production Cross Section

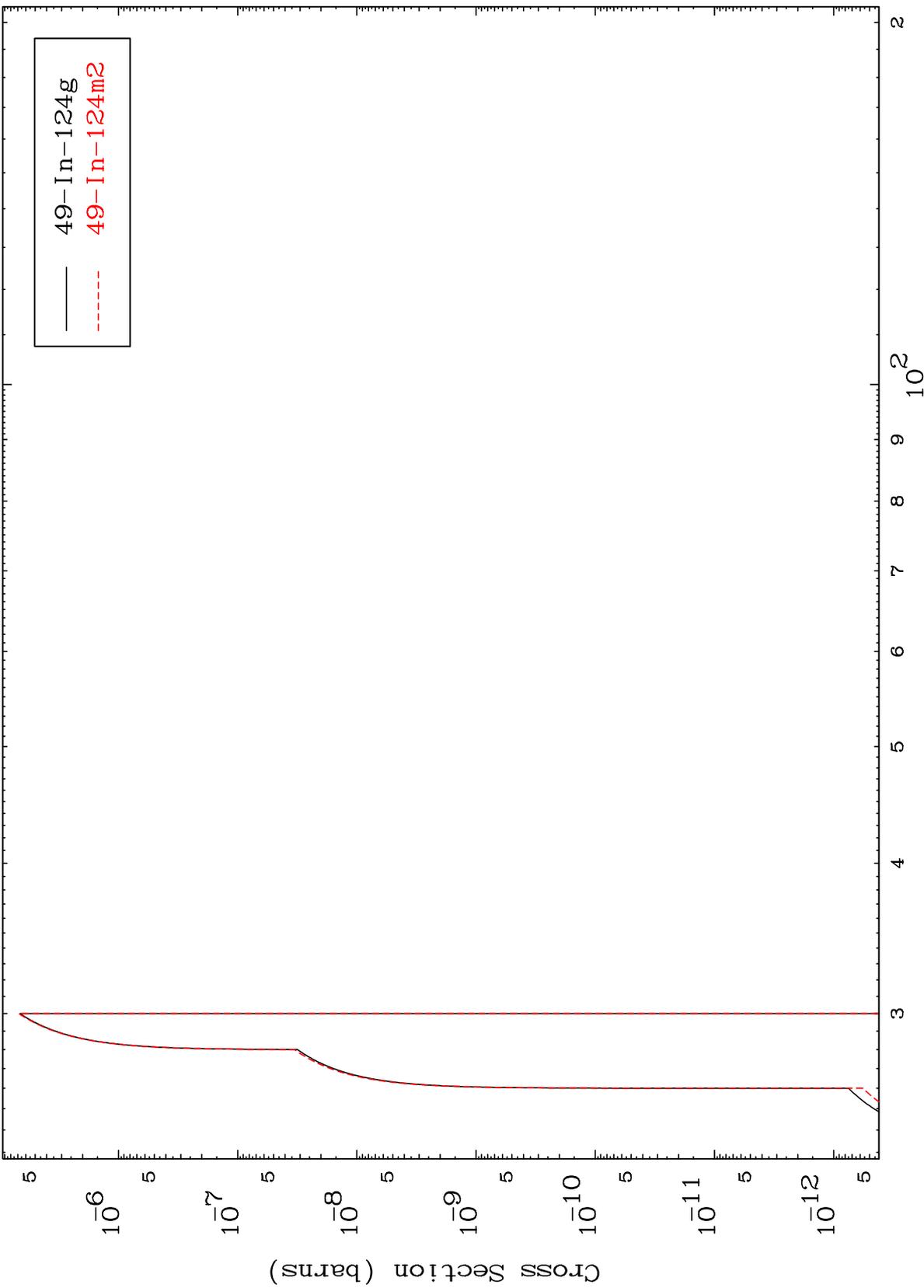


MAT 4879

(n,2n) d

48-Cd-124

Radionuclide Production Cross Section



12

Incident Energy (MeV)

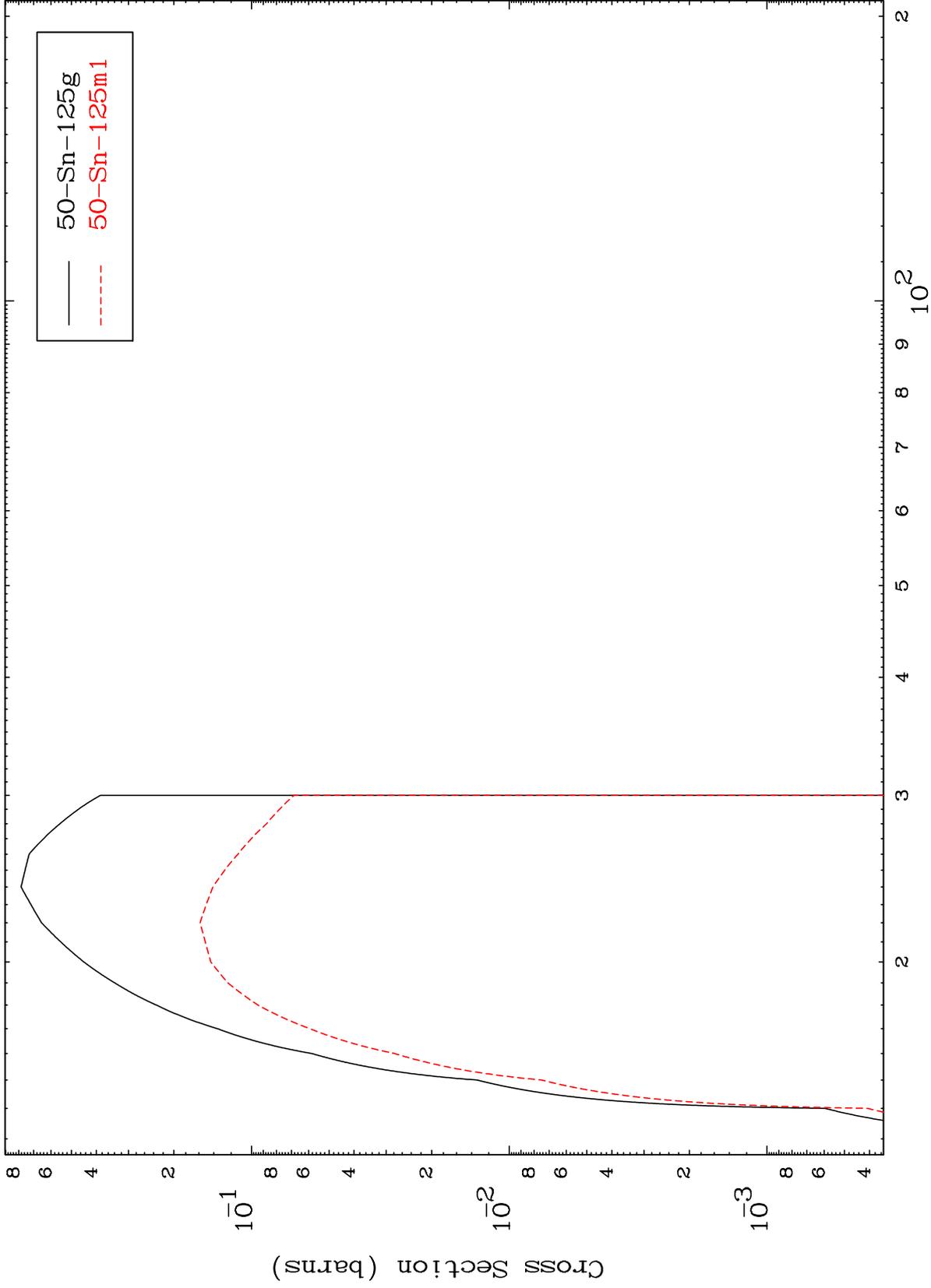
48-Cd-124

MAT 4879

(n,3n)

48-Cd-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

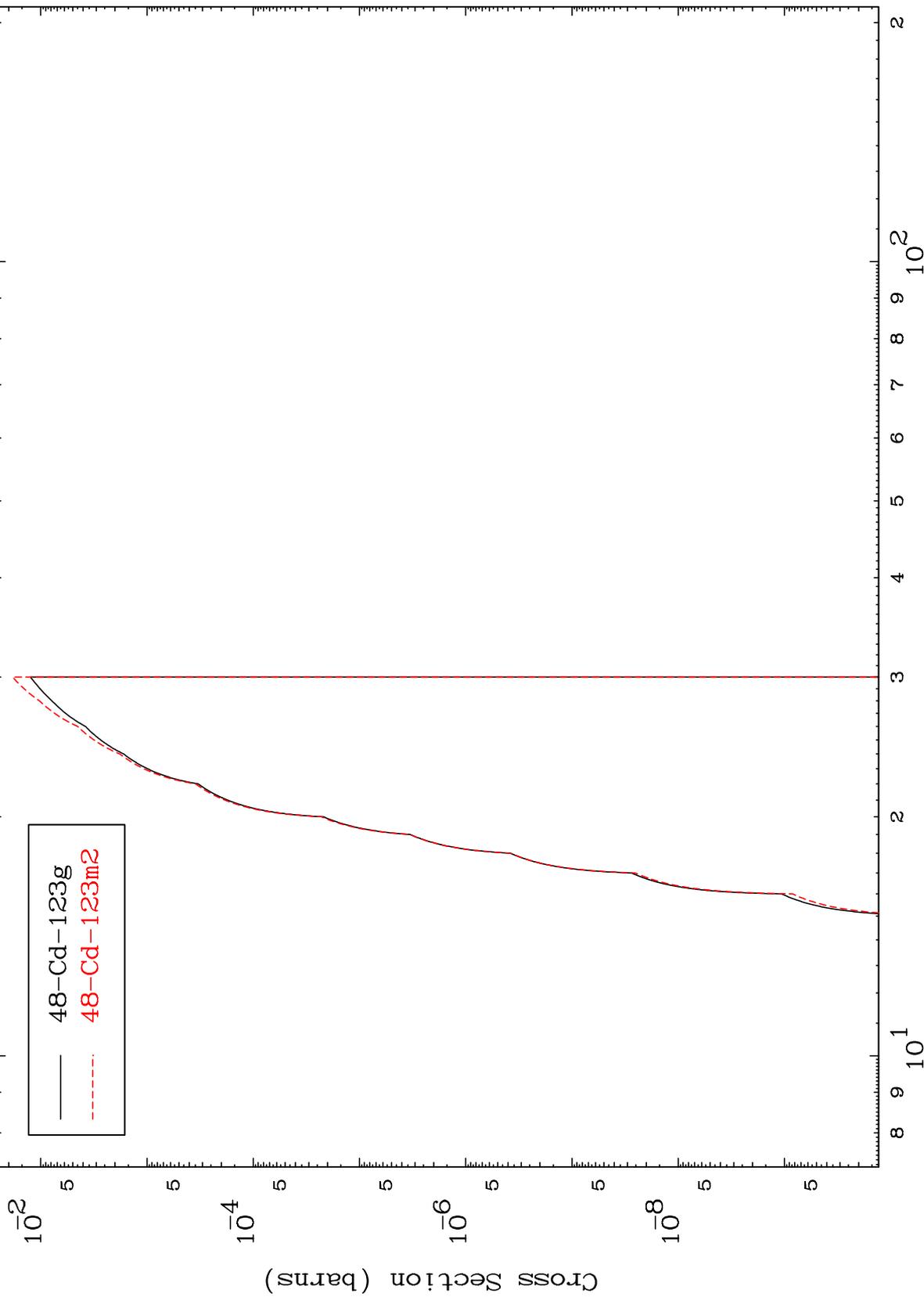
48-Cd-124

MAT 4879

(n,n') α

48-Cd-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

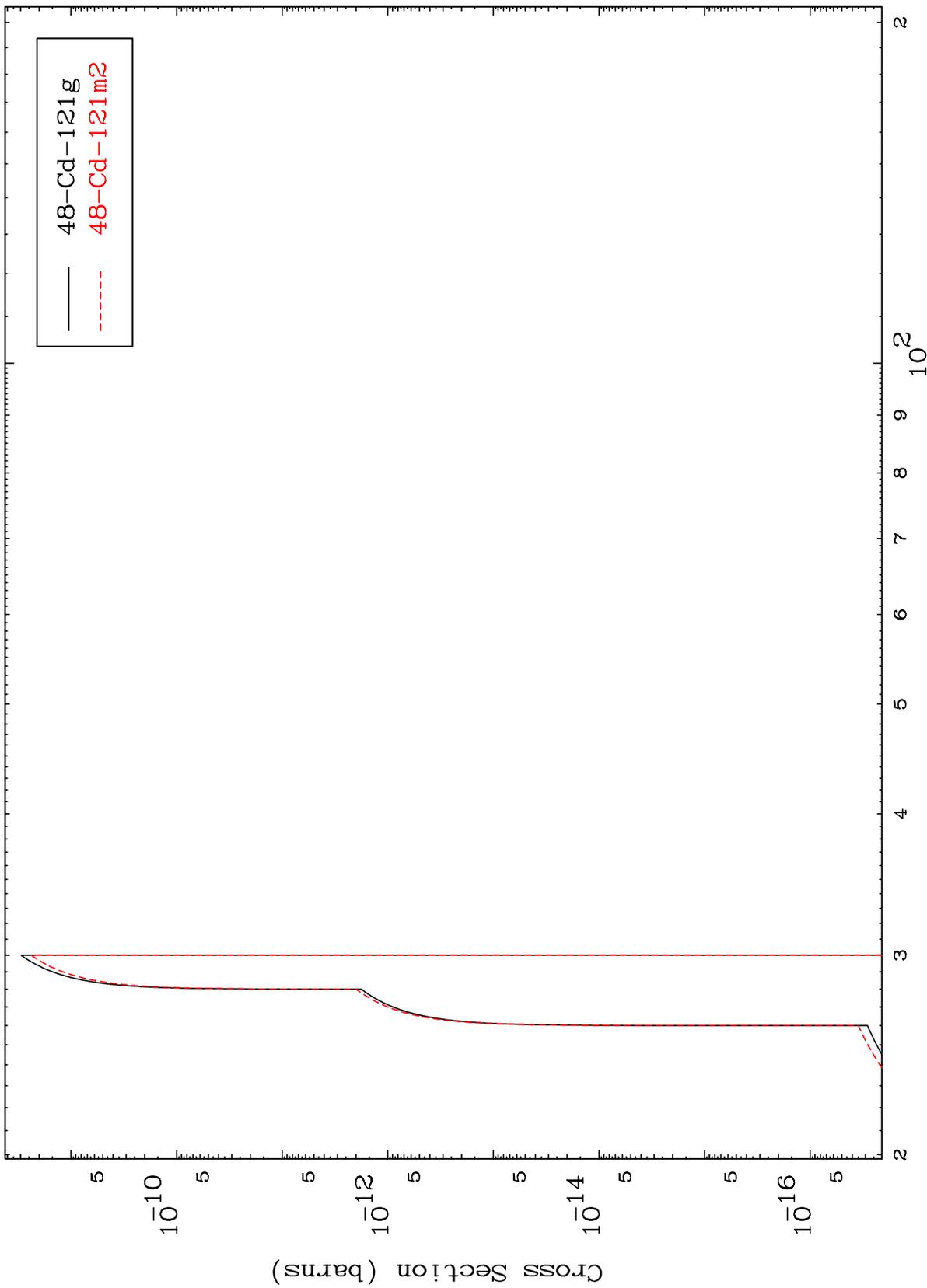
48-Cd-124

MAT 4879

(n,3n) α

48-Cd-124

Radionuclide Production Cross Section



15

Incident Energy (MeV)

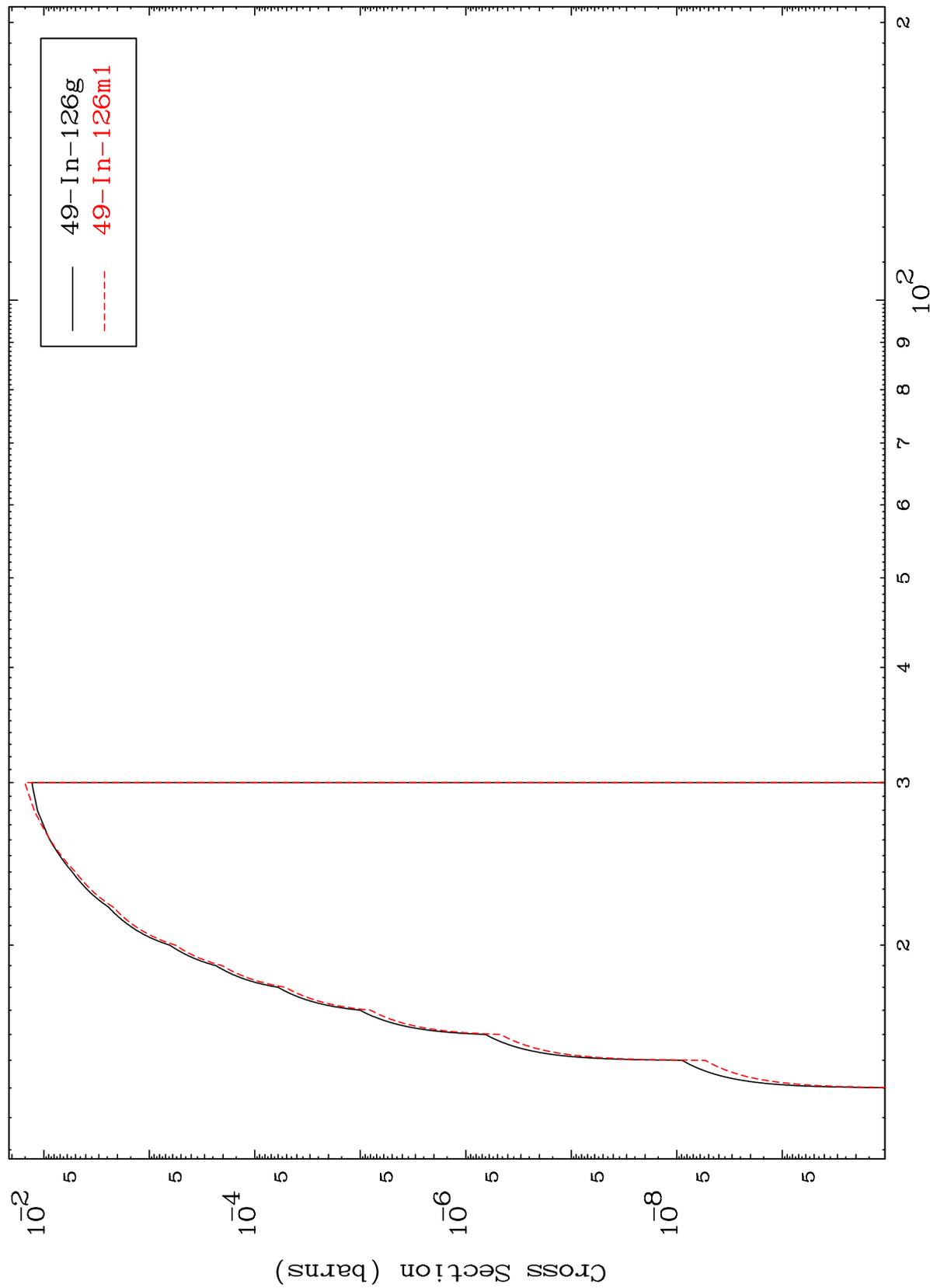
48-Cd-124

MAT 4879

(n,n') p

48-Cd-124

Radionuclide Production Cross Section

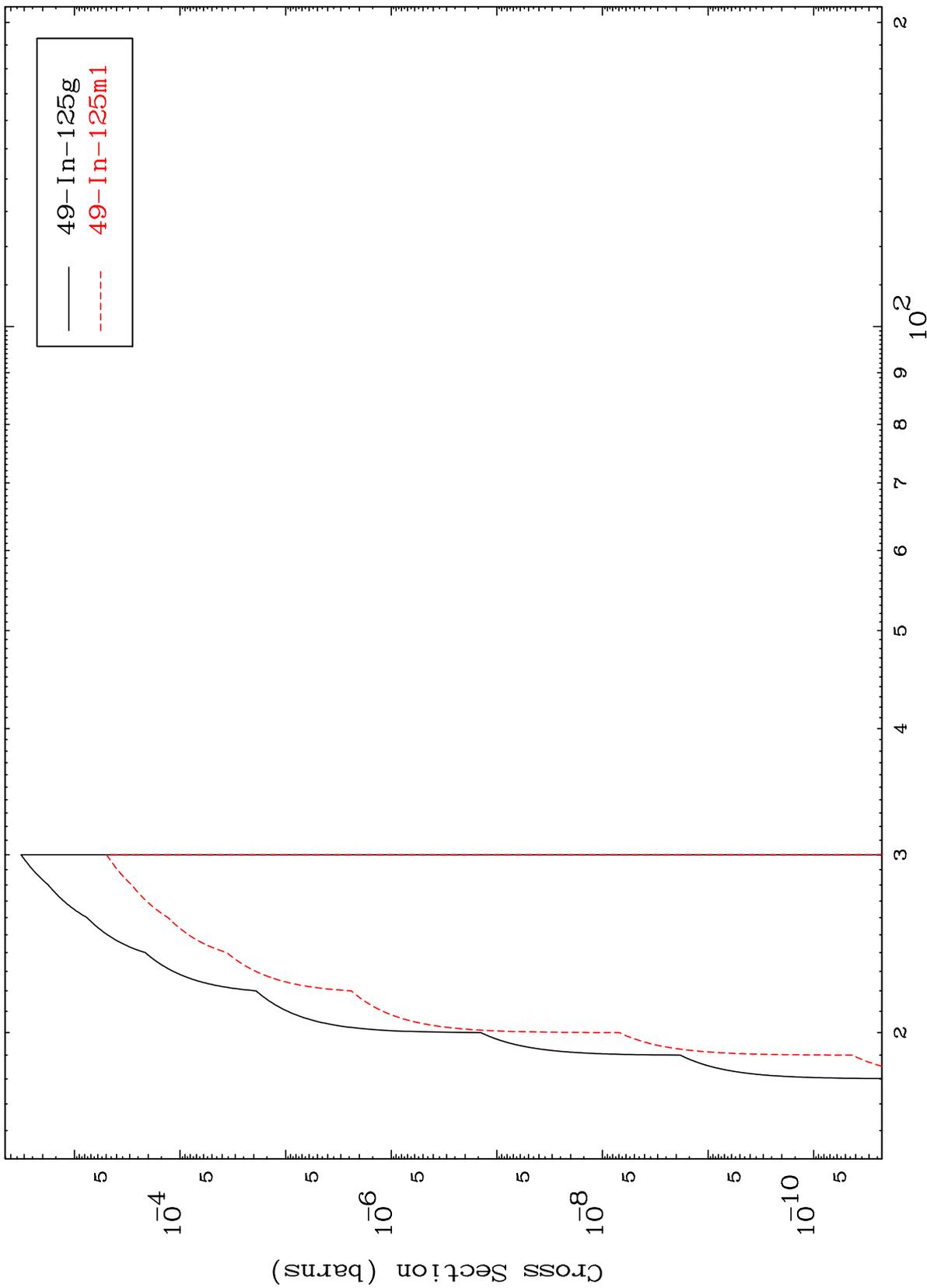


16

Incident Energy (MeV)

48-Cd-124

Radionuclide Production Cross Section

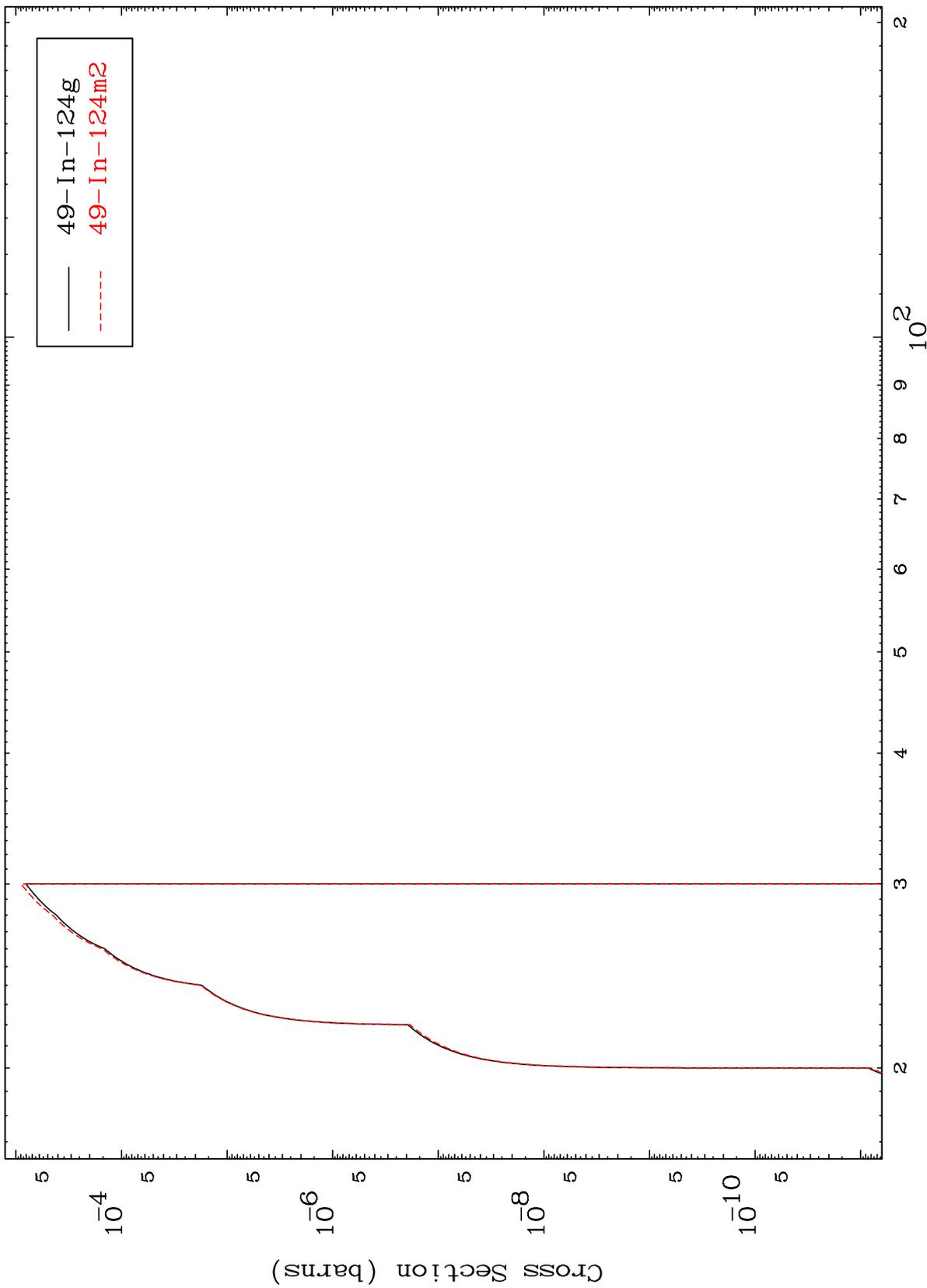


MAT 4879

(n,n') t

48-Cd-124

Radionuclide Production Cross Section



18

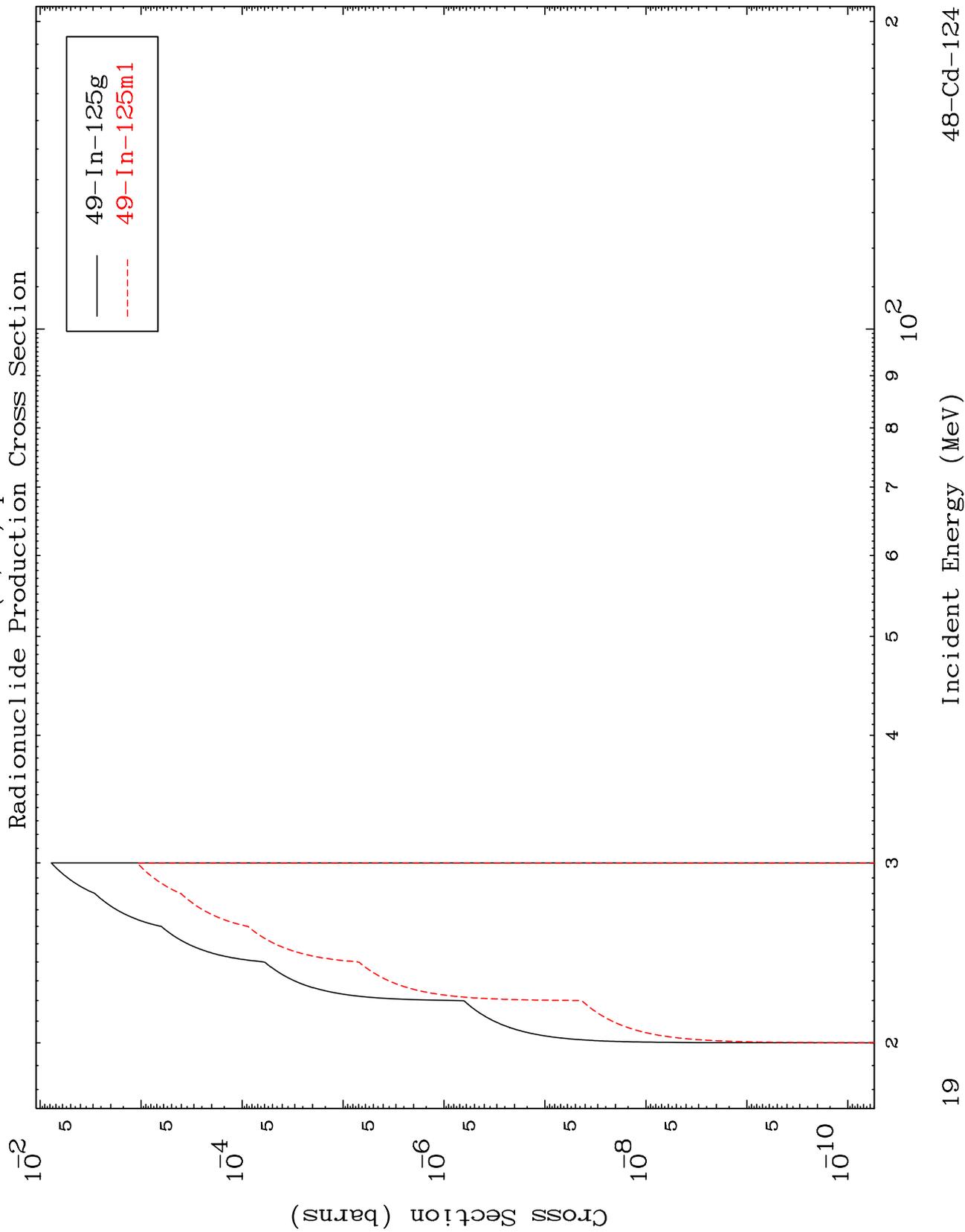
Incident Energy (MeV)

48-Cd-124

MAT 4879

(n,2n) p

48-Cd-124



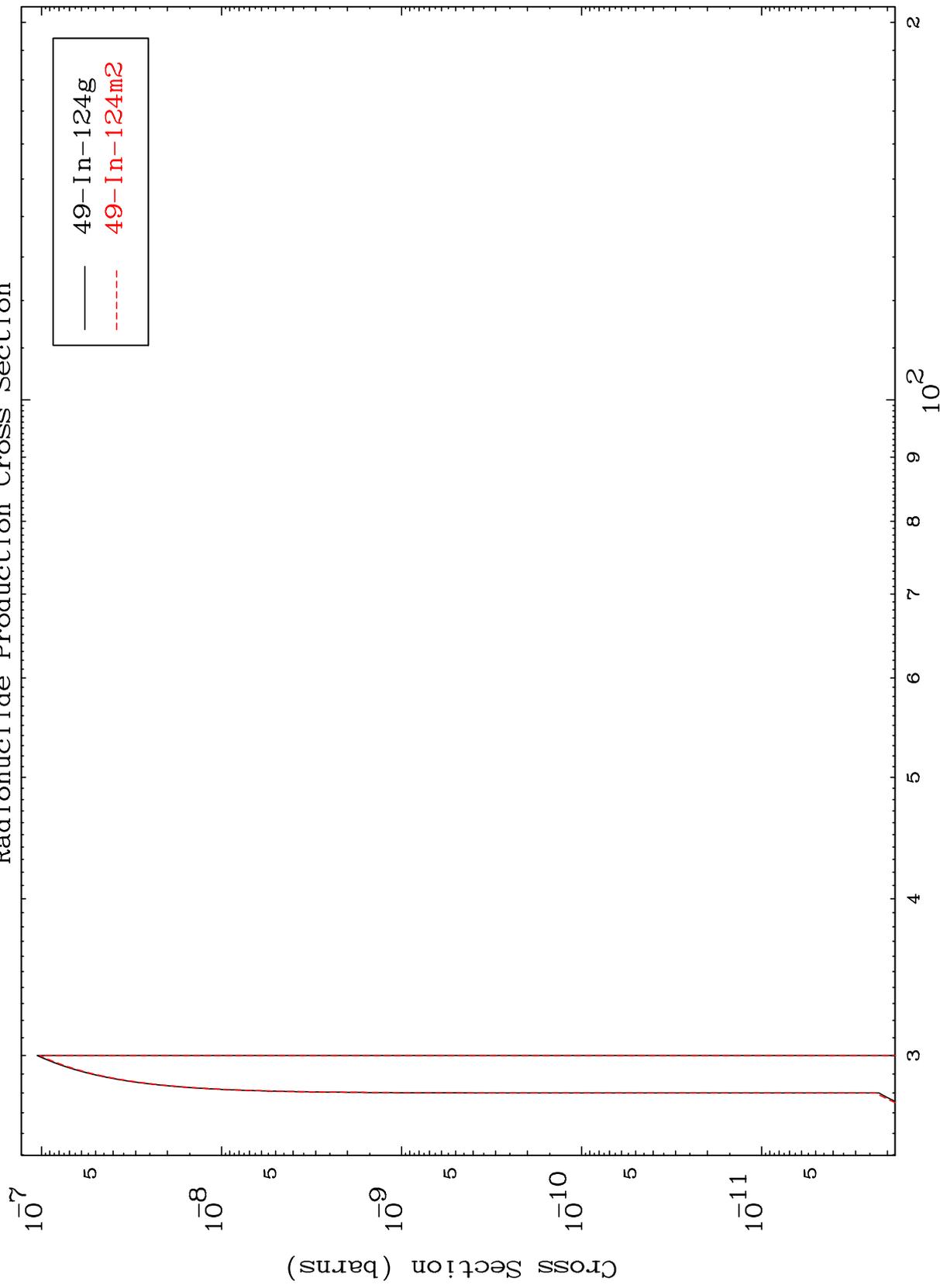
19

48-Cd-124

MAT 4879

48-Cd-124

(n,3n) p
Radionuclide Production Cross Section



20

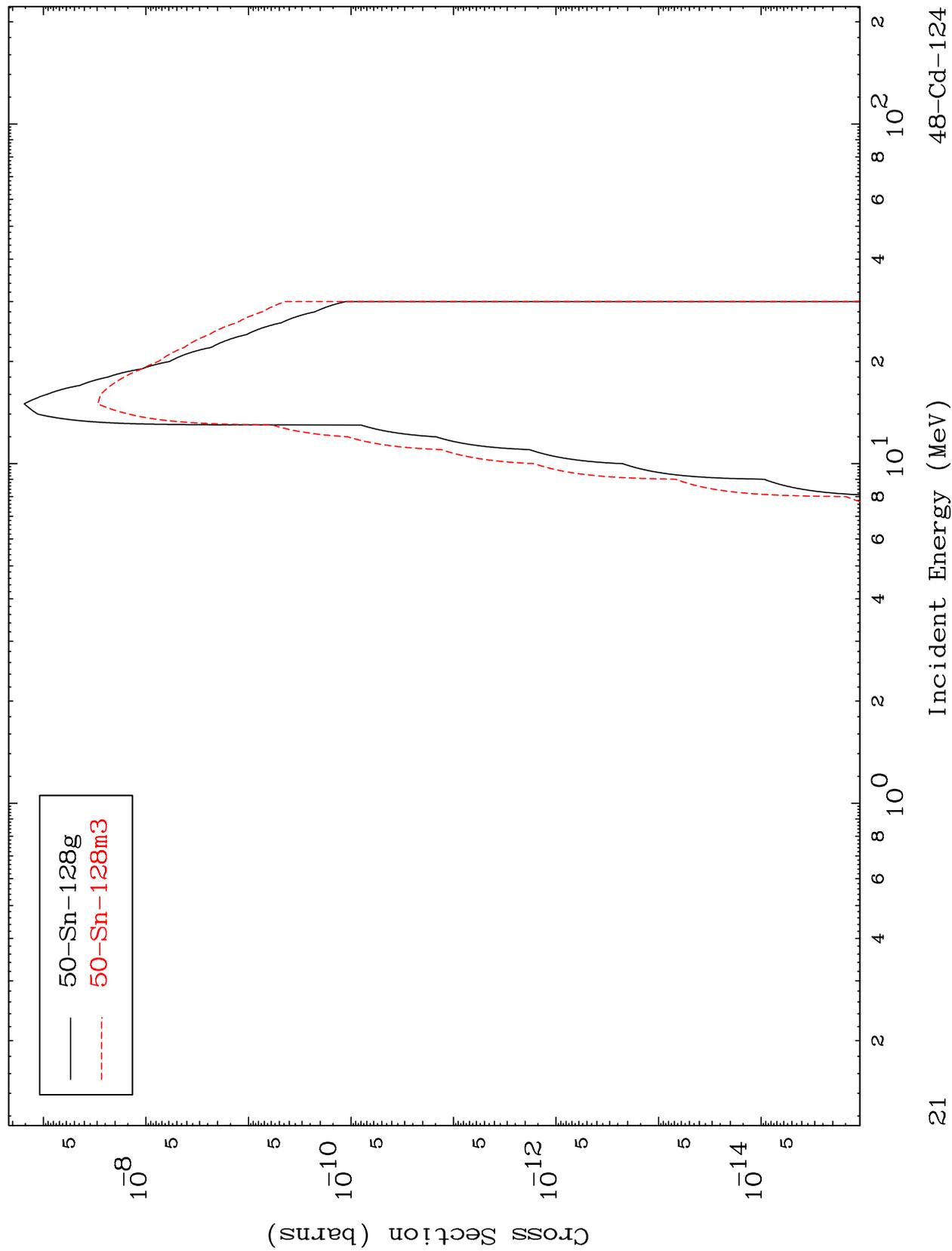
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

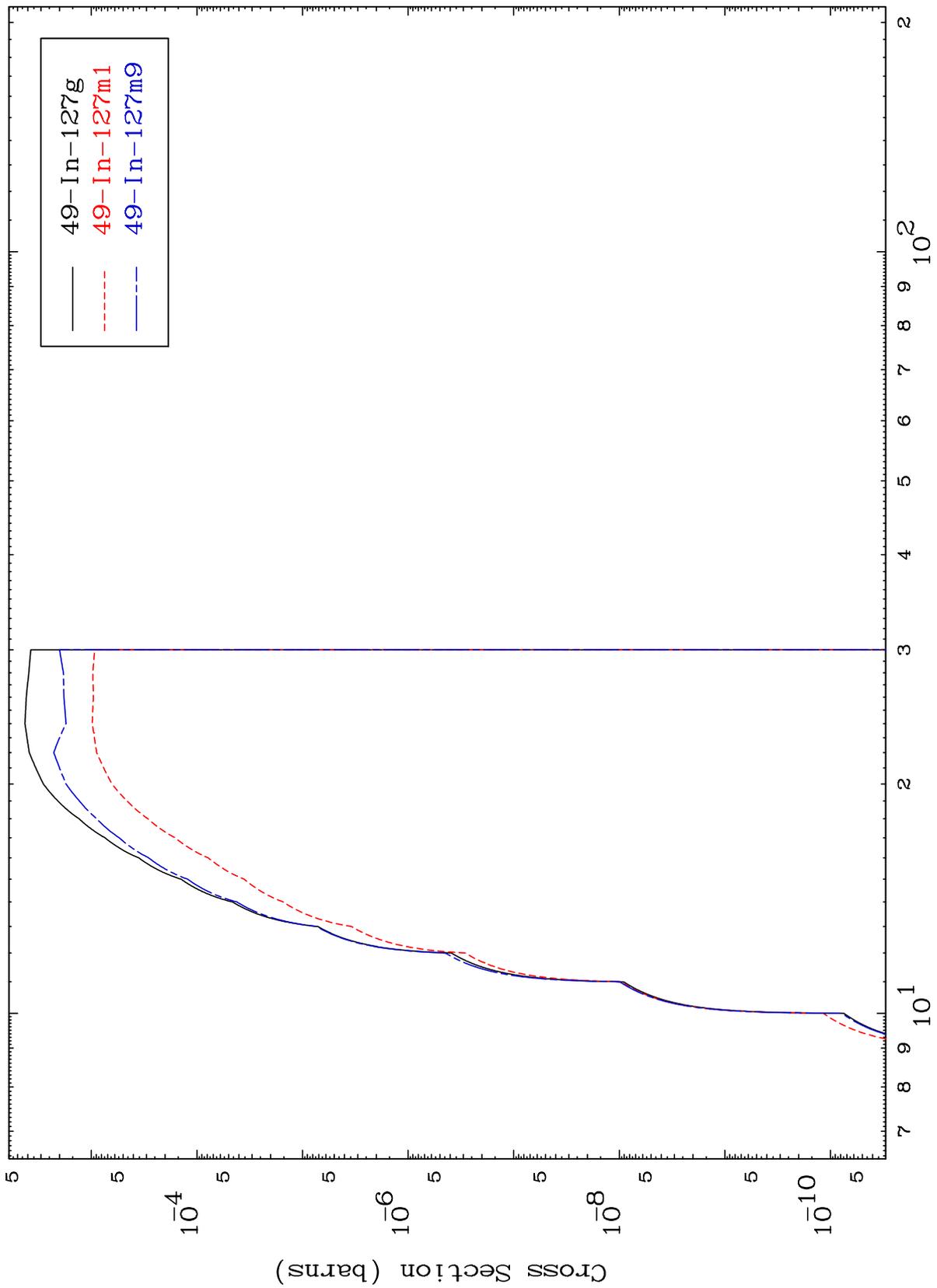
Radionuclide Production Cross Section
(n, γ)



MAT 4879

48-Cd-124

(n,p)
Radionuclide Production Cross Section



22

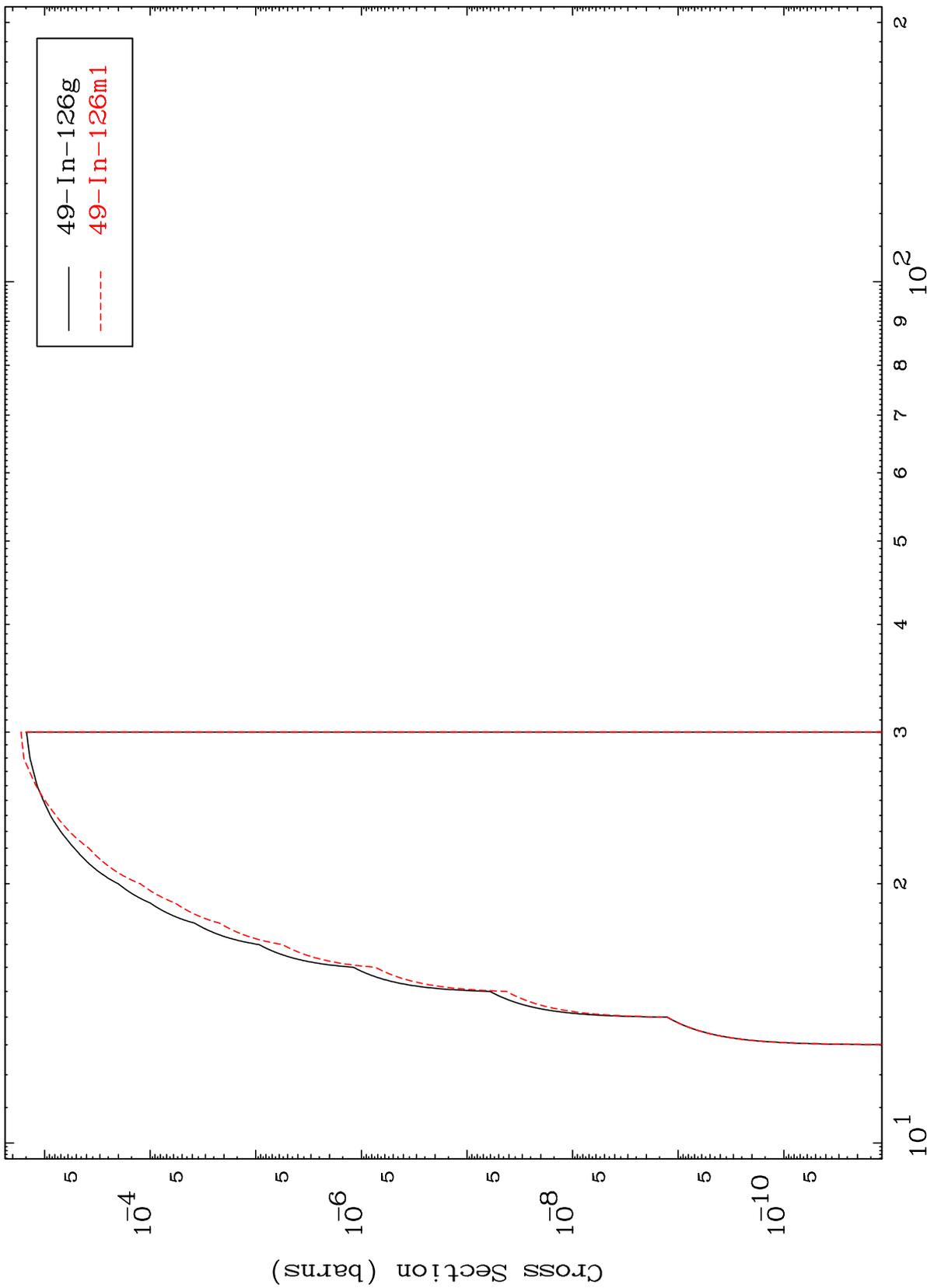
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

(n,d)
Radionuclide Production Cross Section



48-Cd-124

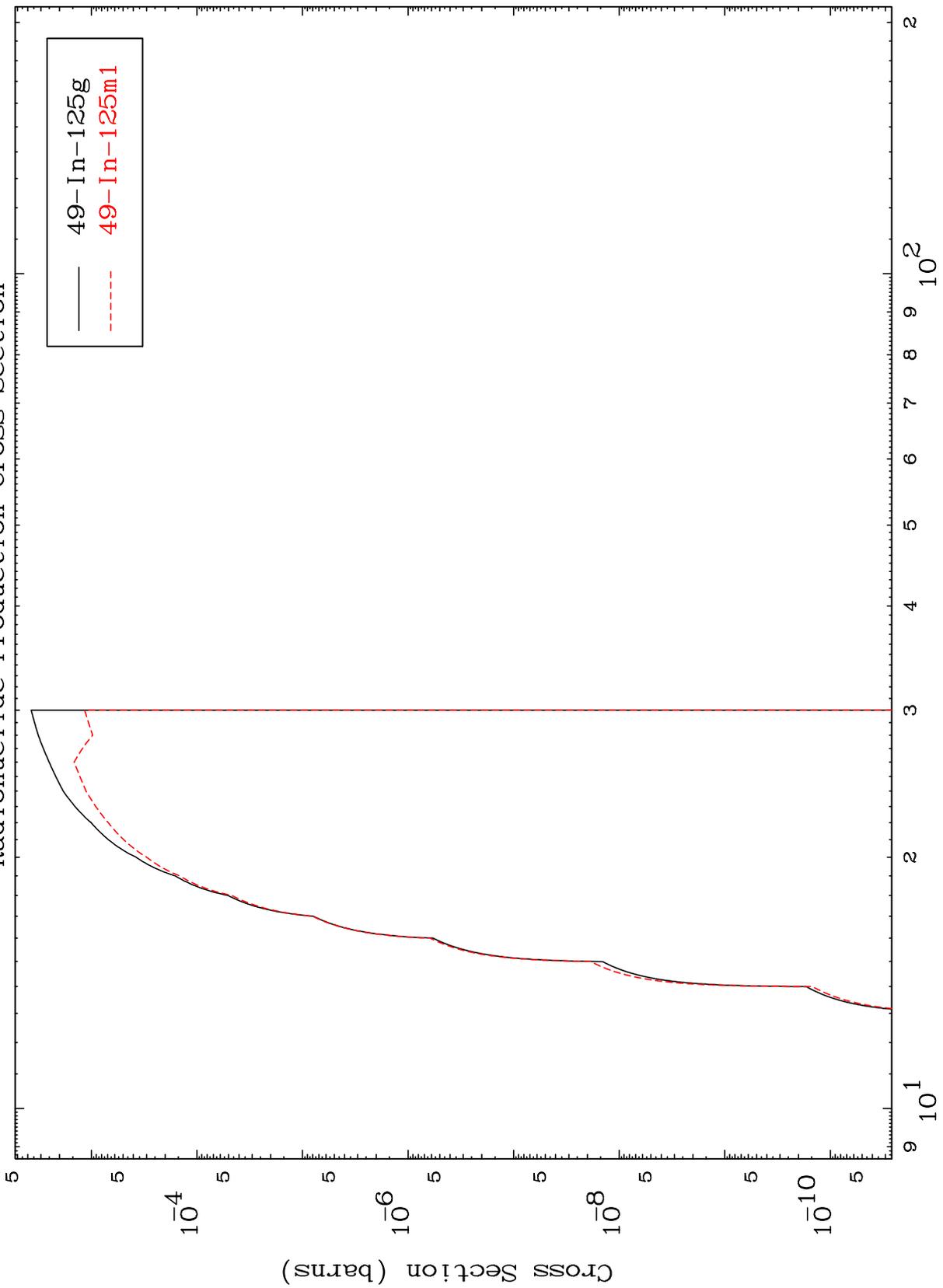
Incident Energy (MeV)

23

MAT 4879

48-Cd-124

(n, t)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

48-Cd-124