

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

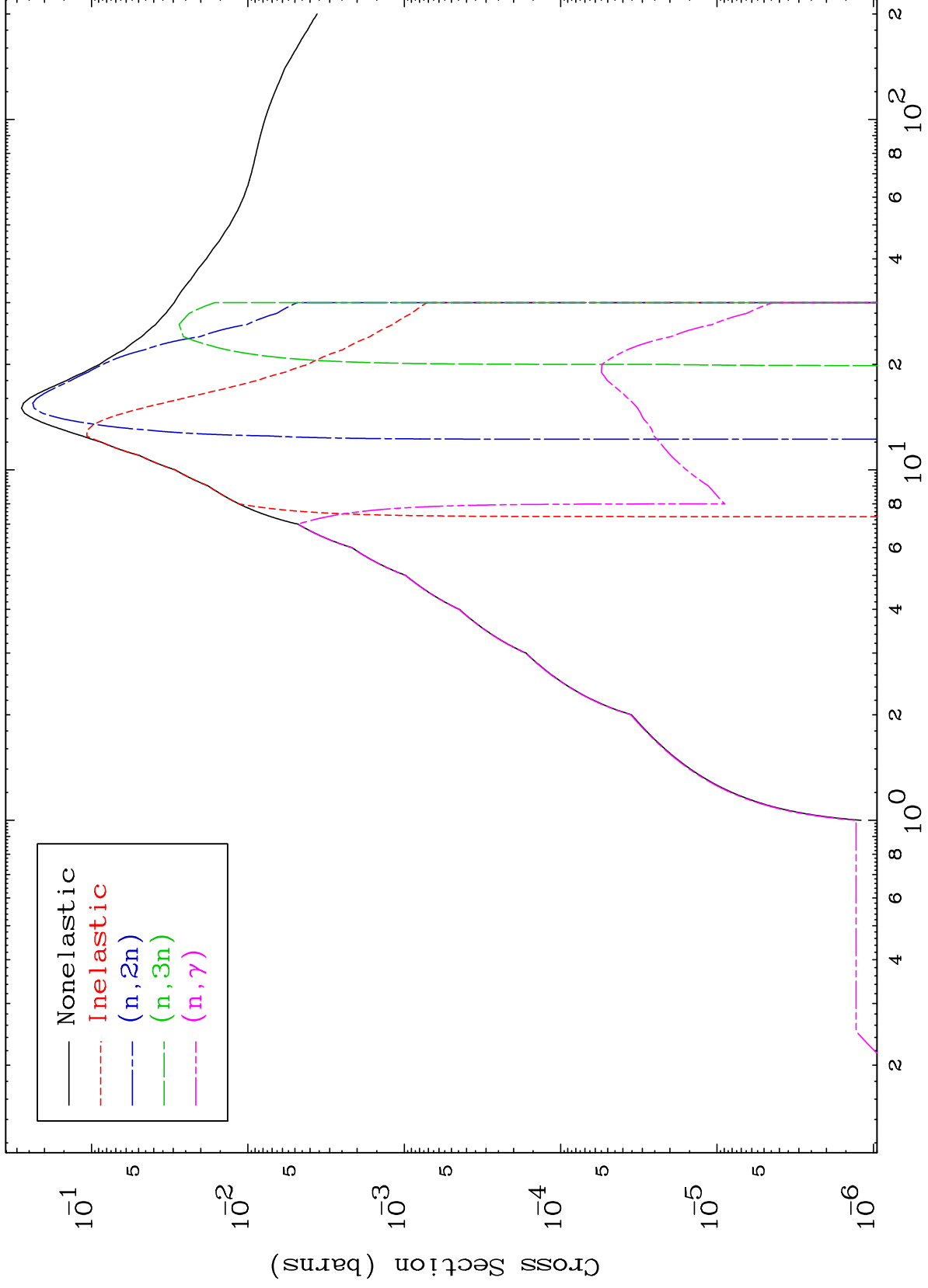
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4879

Photon Major
0 Kelvin Cross Sections

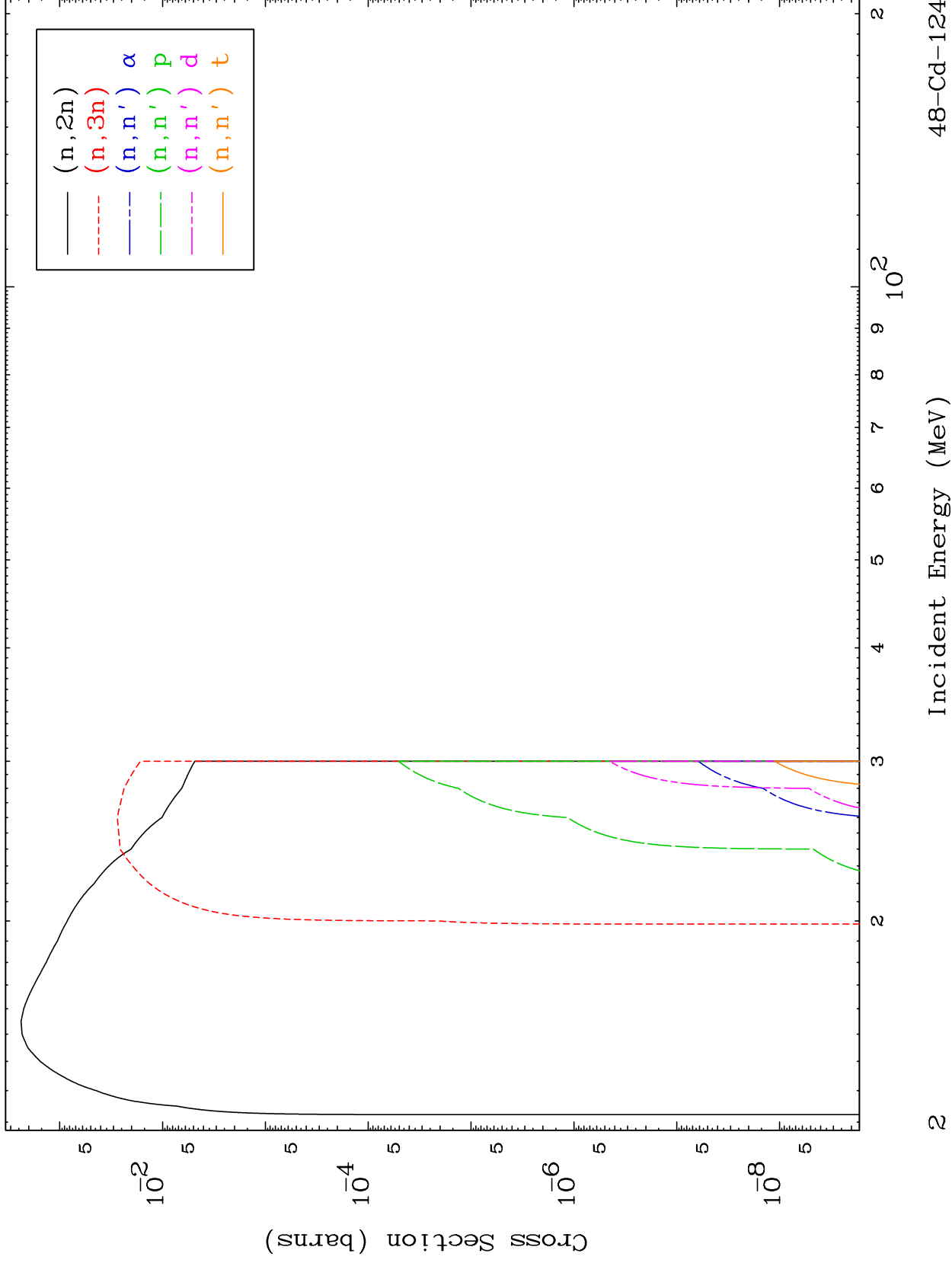
48-Cd-124



MAT 4879

Photon Neutron Absorption
0 Kelvin Cross Sections

48-Cd-124



48-Cd-124

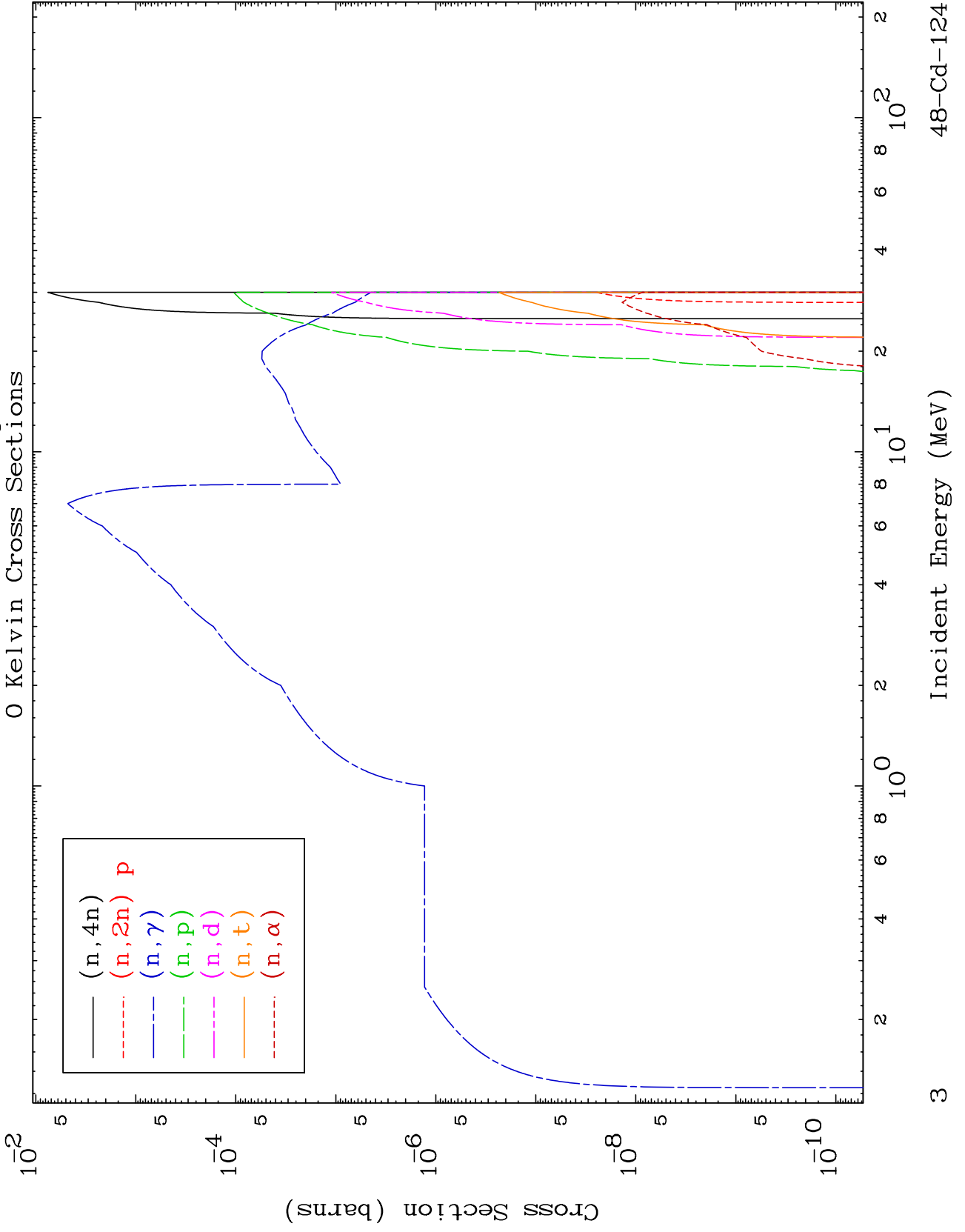
Incident Energy (MeV)

2

MAT 4879

Photon Neutron Absorption
0 Kelvin Cross Sections

48-Cd-124



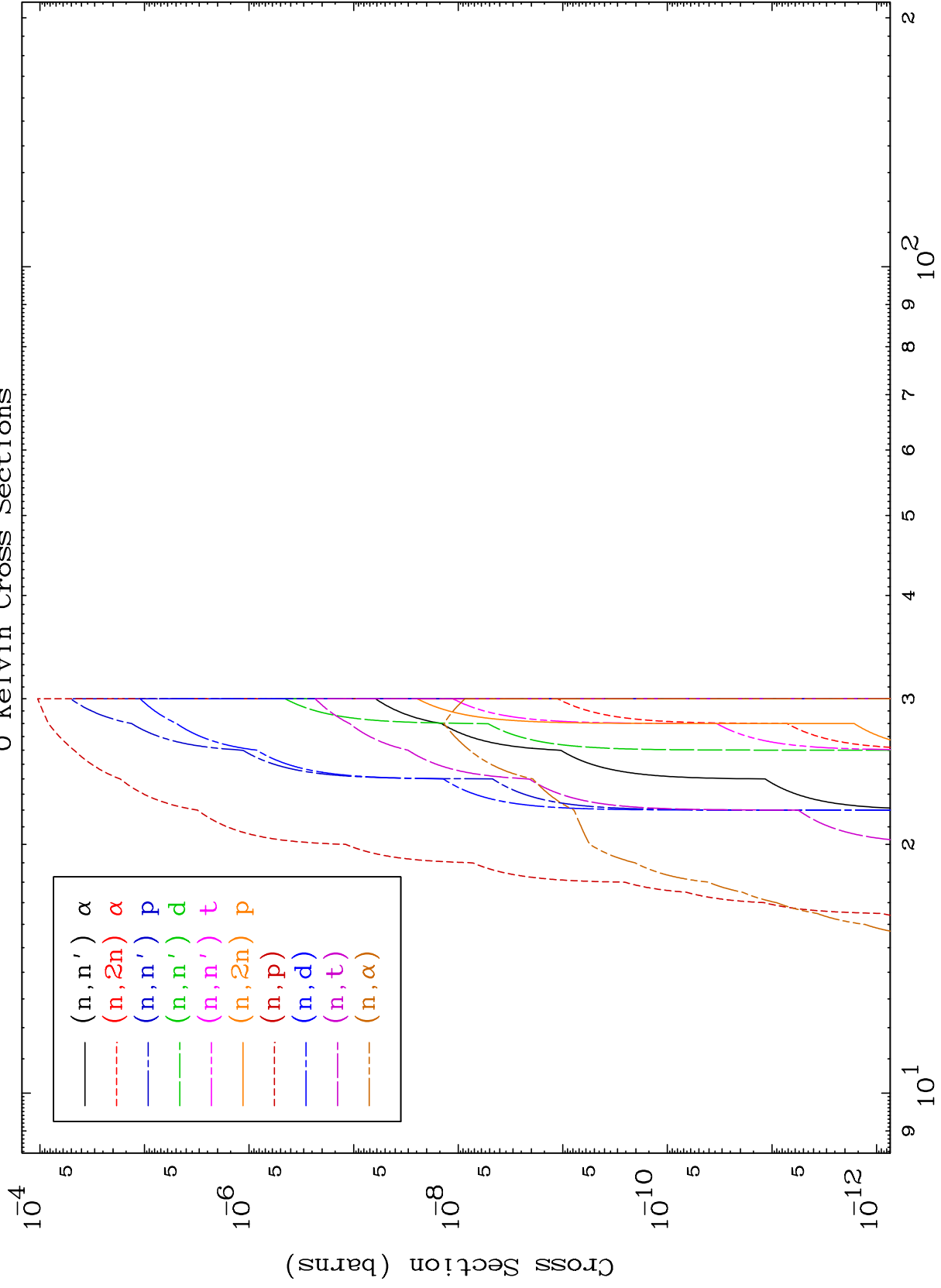
48-Cd-124

Incident Energy (MeV)

MAT 4879

Photon Charged Particle
0 Kelvin Cross Sections

48-Cd-124



Incident Energy (MeV)

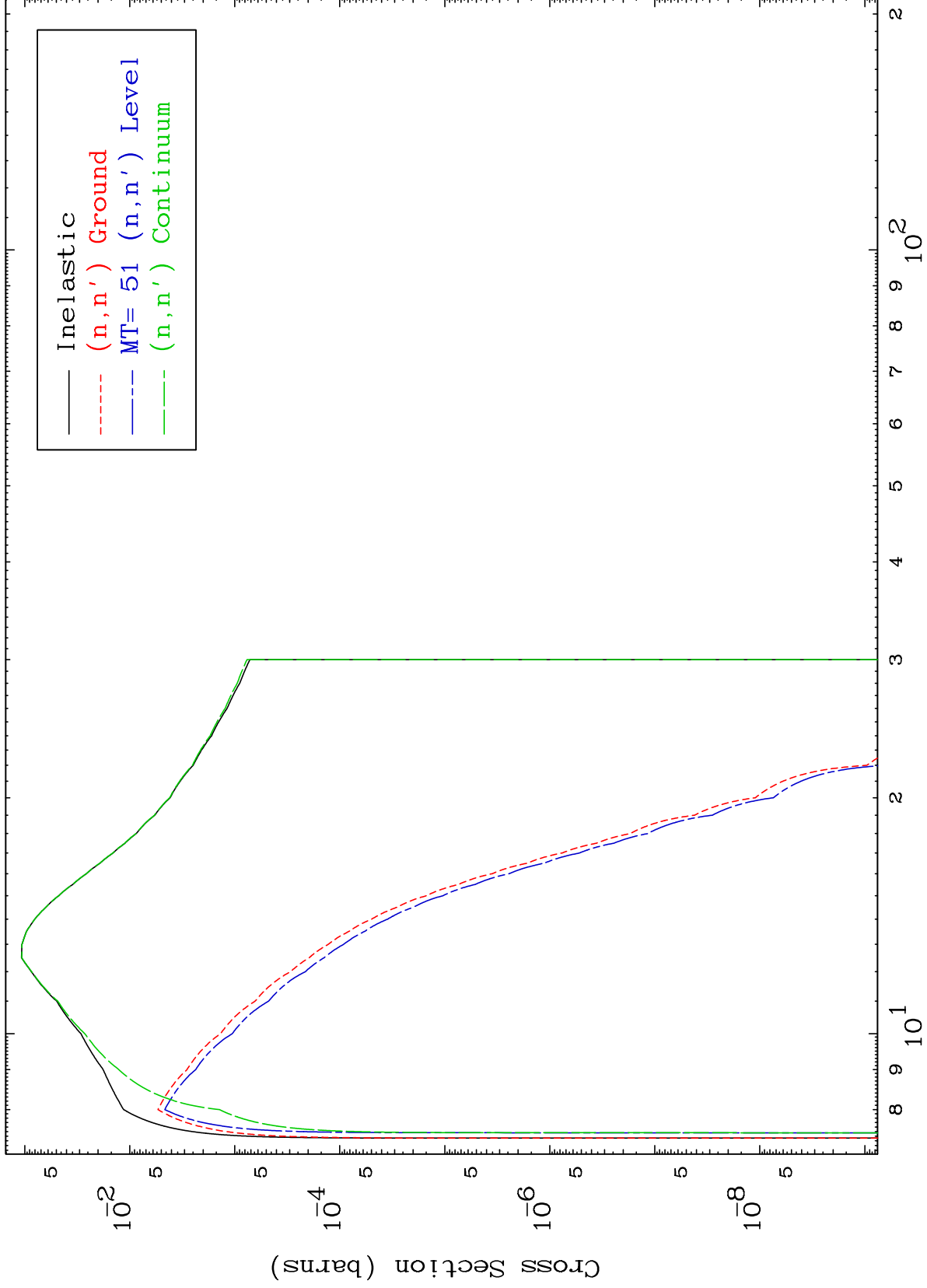
48-Cd-124

MAT 4879

(γ, n') Levels

48-Cd-124

0 Kelvin Cross Sections



Incident Energy (MeV)

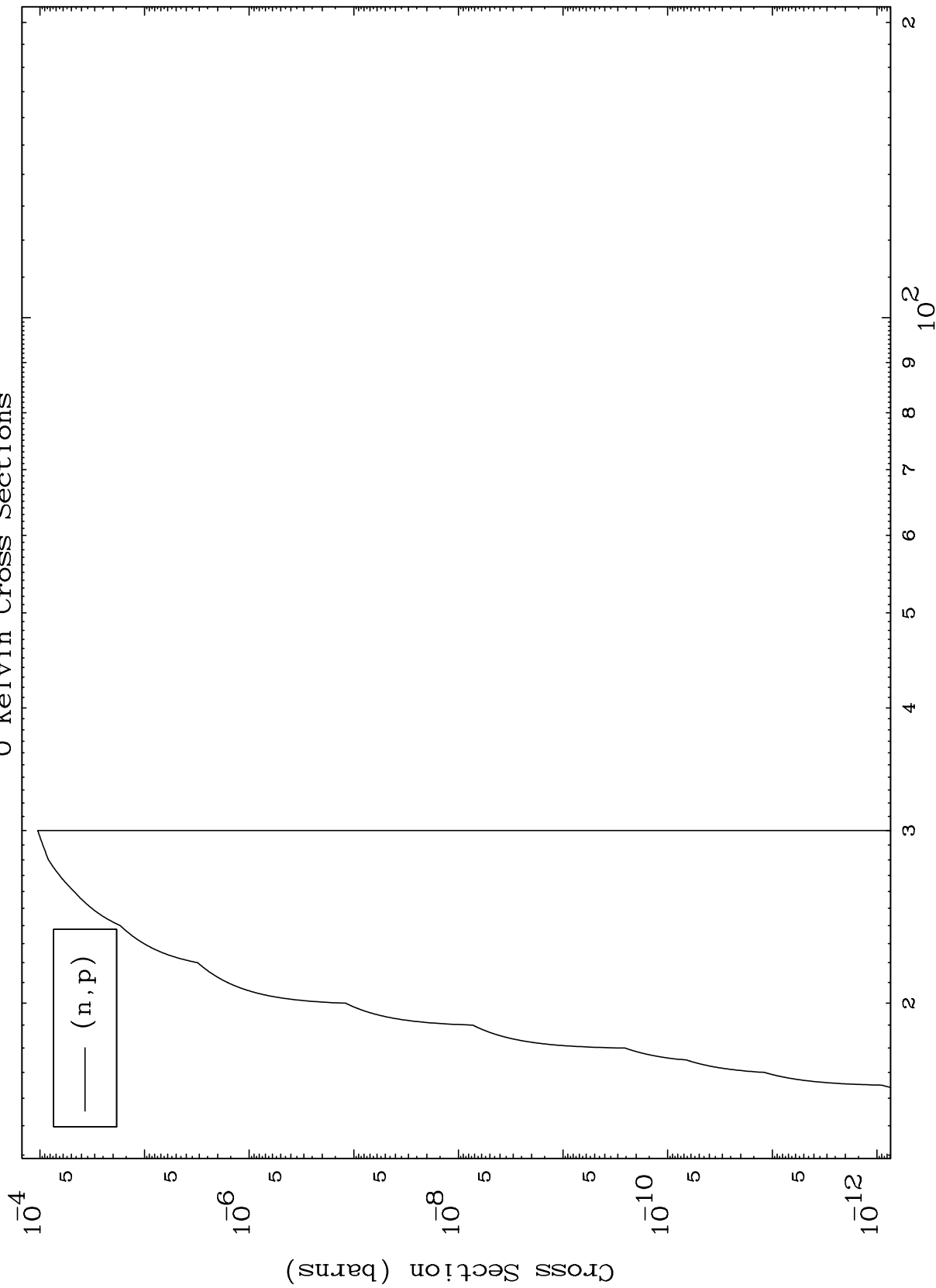
48-Cd-124

5

MAT 4879

48-Cd-124

(γ, p) Levels
0 Kelvin Cross Sections



48-Cd-124

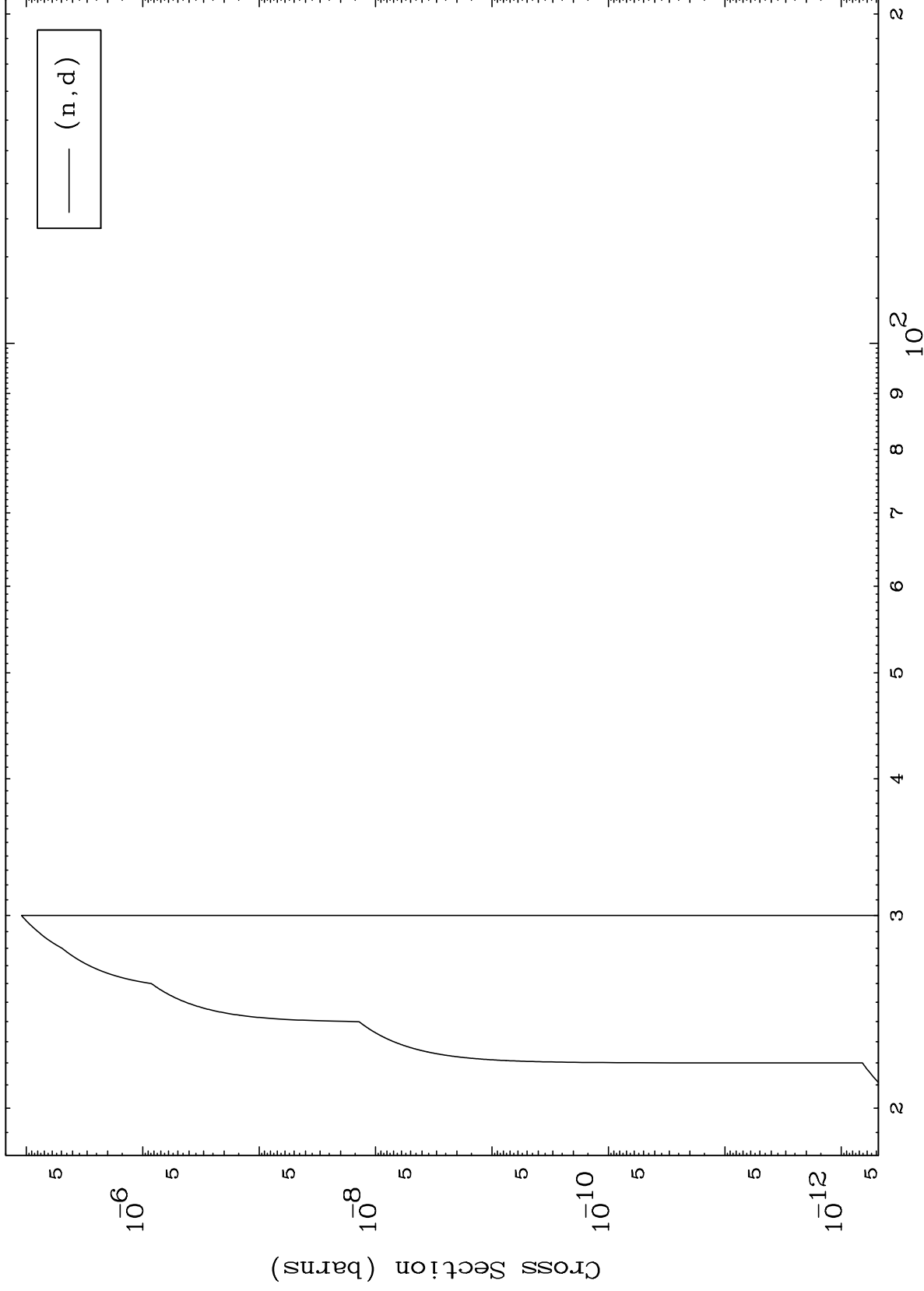
Incident Energy (MeV)

6

MAT 4879

(γ, d) Levels
0 Kelvin Cross Sections

48-Cd-124



7

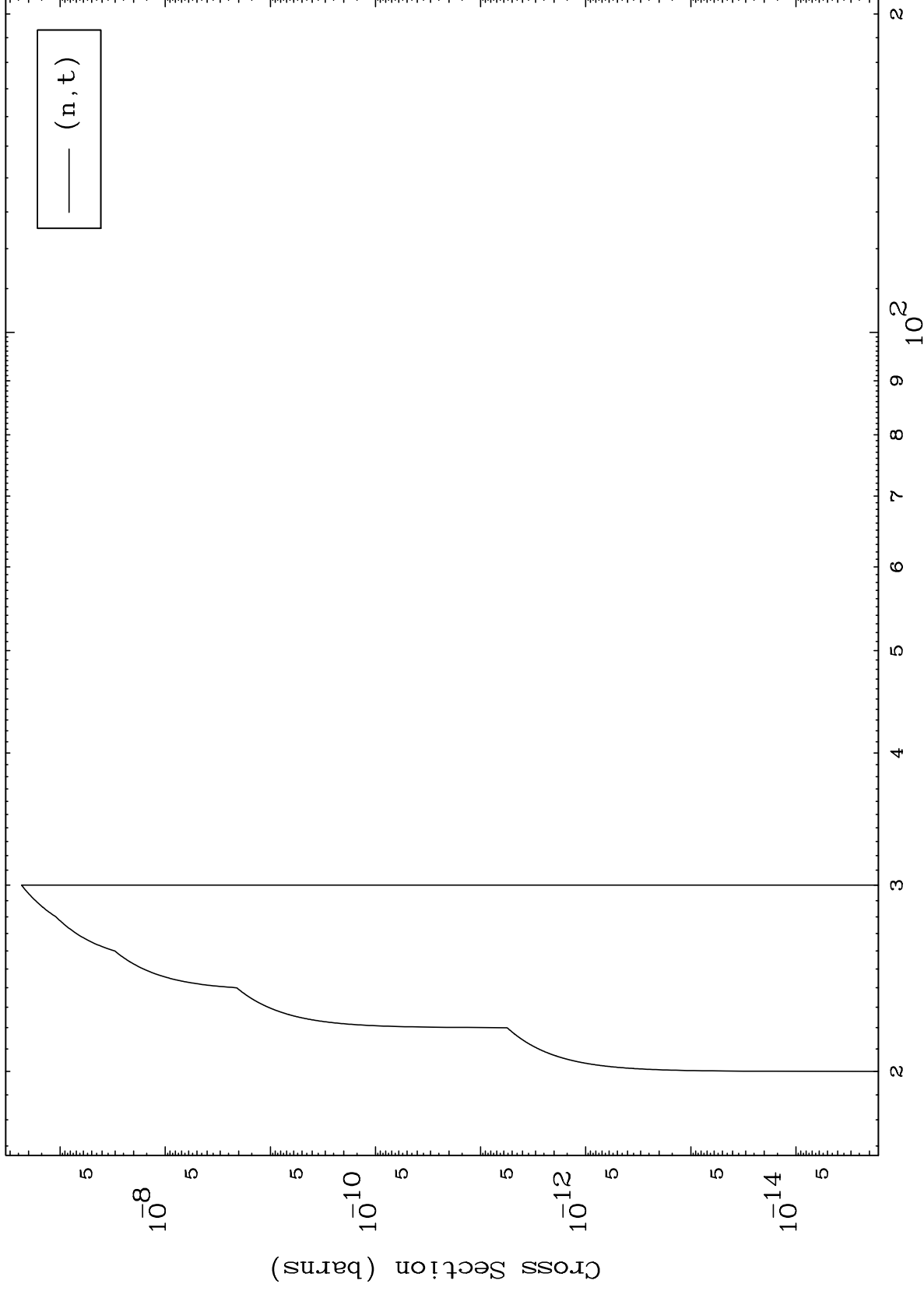
Incident Energy (MeV)

48-Cd-124

MAT 4879

(γ, t) Levels
0 Kelvin Cross Sections

48-Cd-124



8

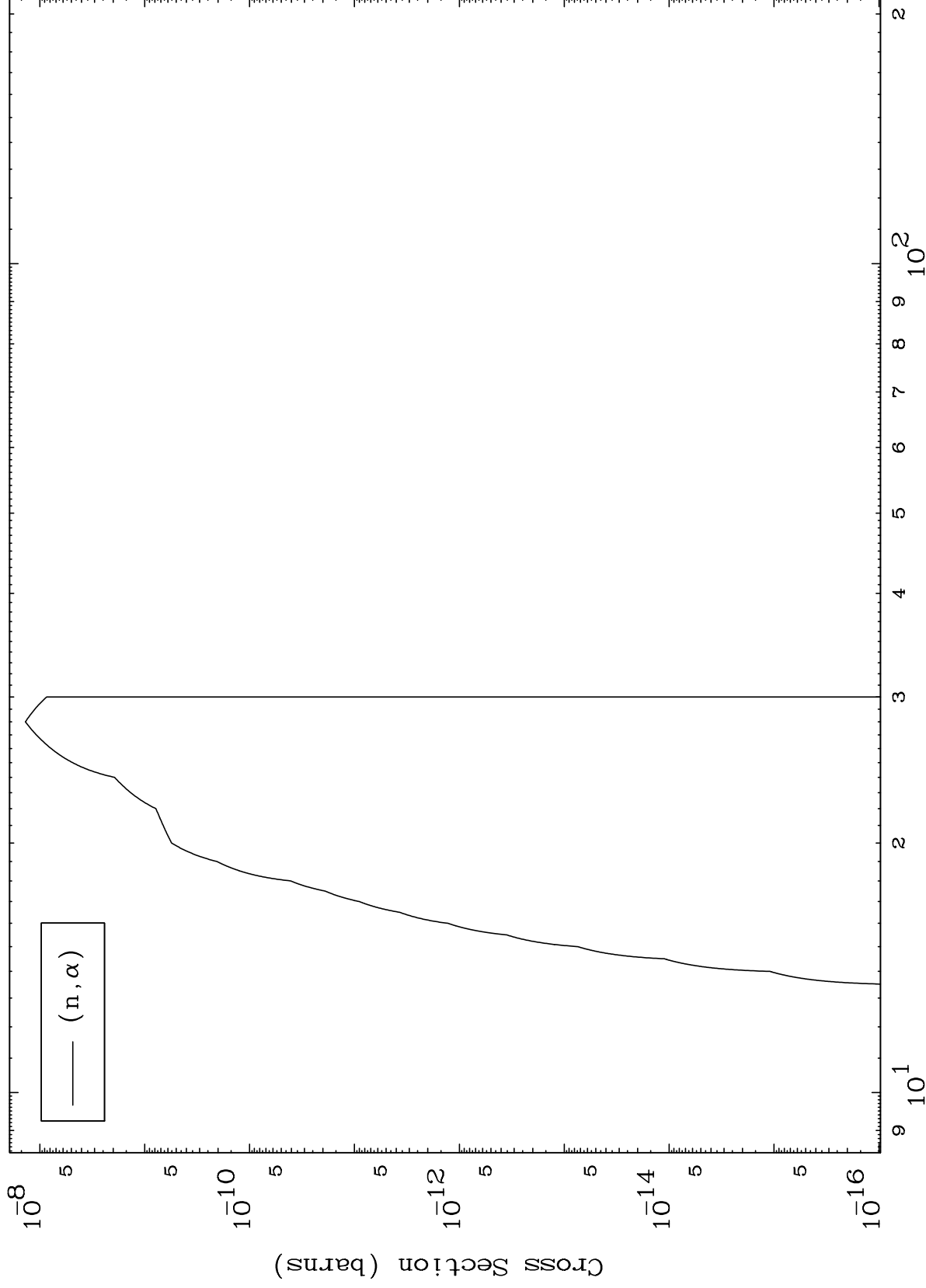
Incident Energy (MeV)

48-Cd-124

MAT 4879

(γ, α) Levels
0 Kelvin Cross Sections

48-Cd-124



9

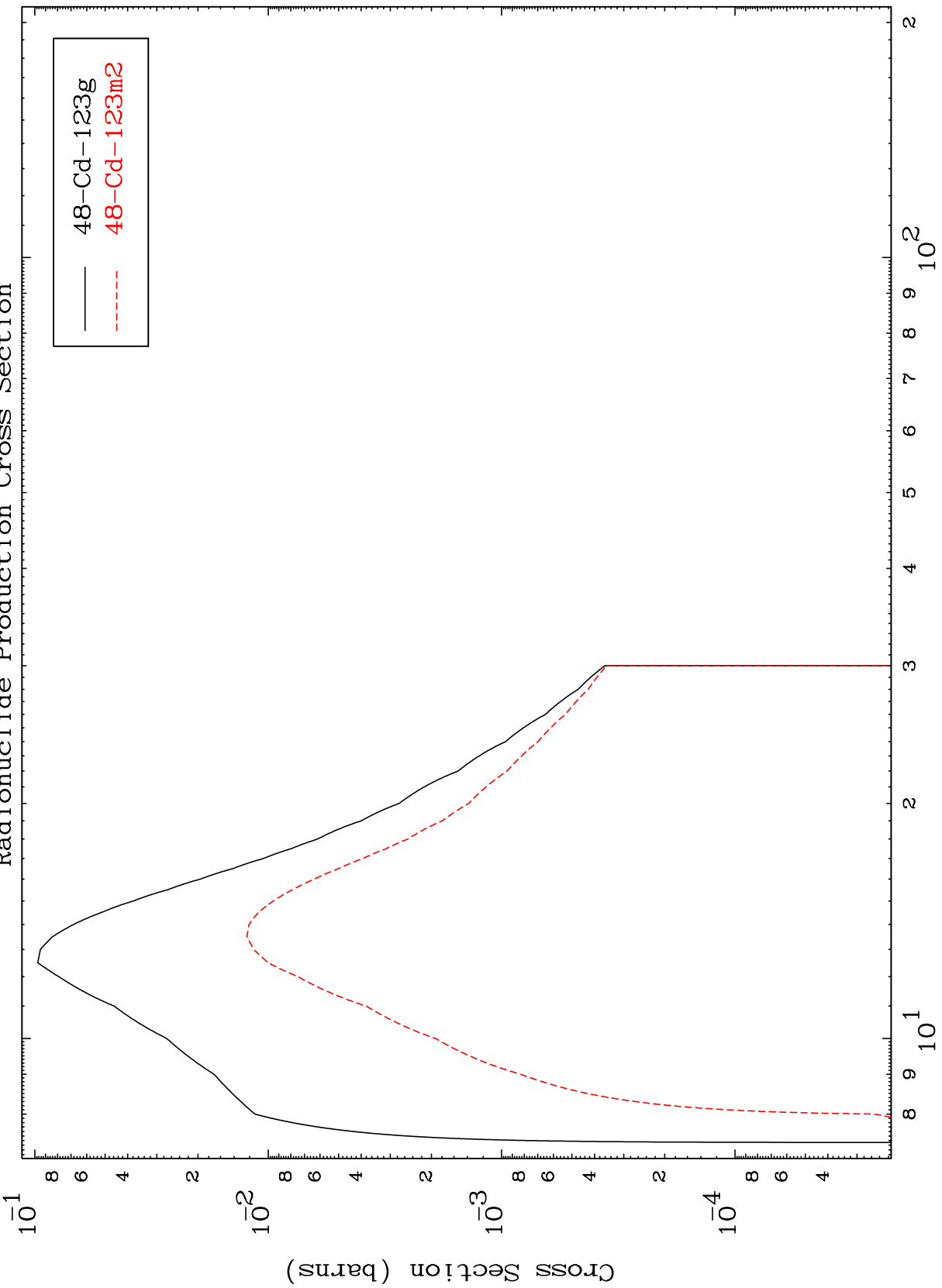
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

Inelastic
Radionuclide Production Cross Section



— 48-Cd-123g
- - - 48-Cd-123m2

10

Incident Energy (MeV)

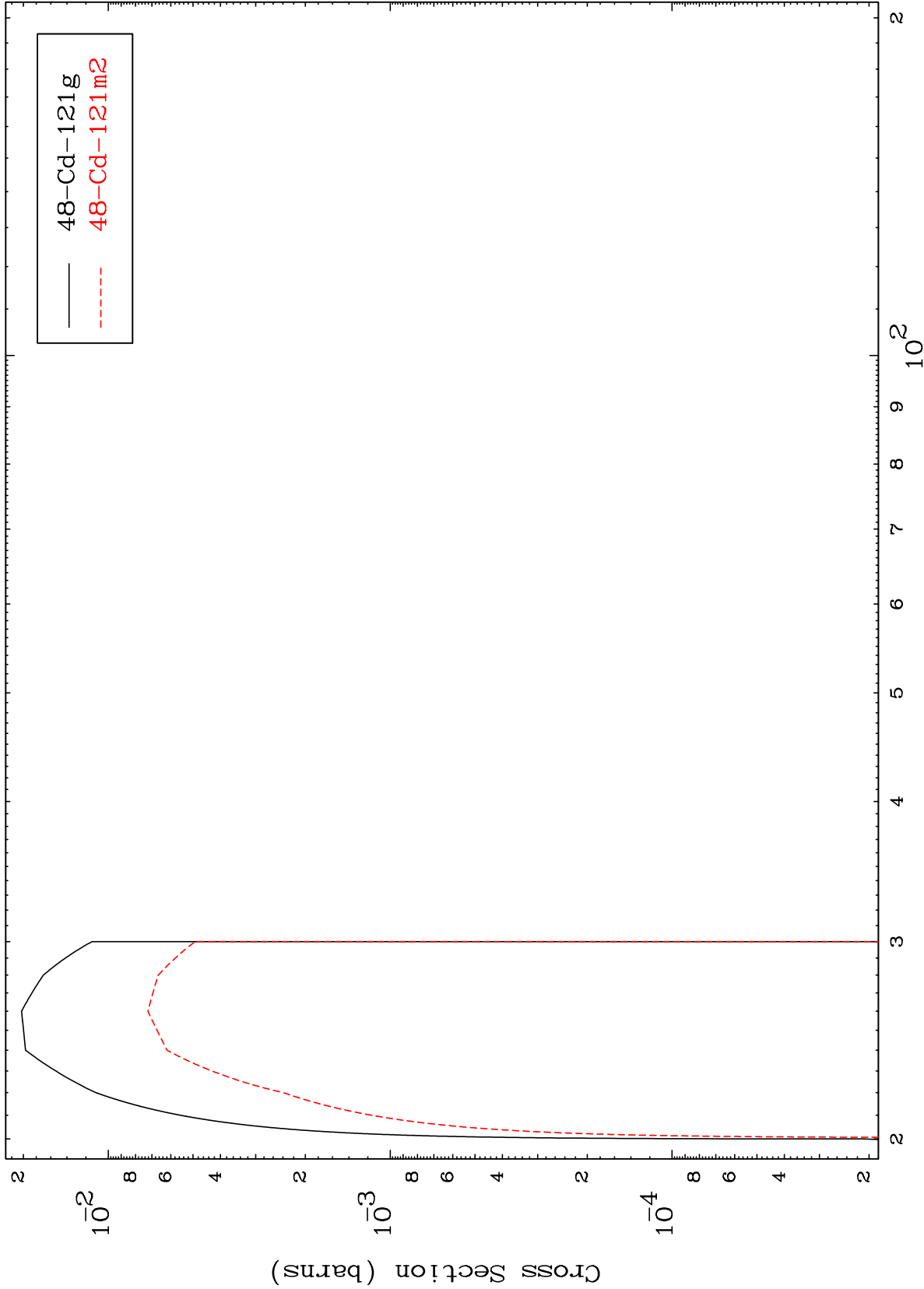
48-Cd-124

MAT 4879

(n,3n)

48-Cd-124

Radionuclide Production Cross Section



11

Incident Energy (MeV)

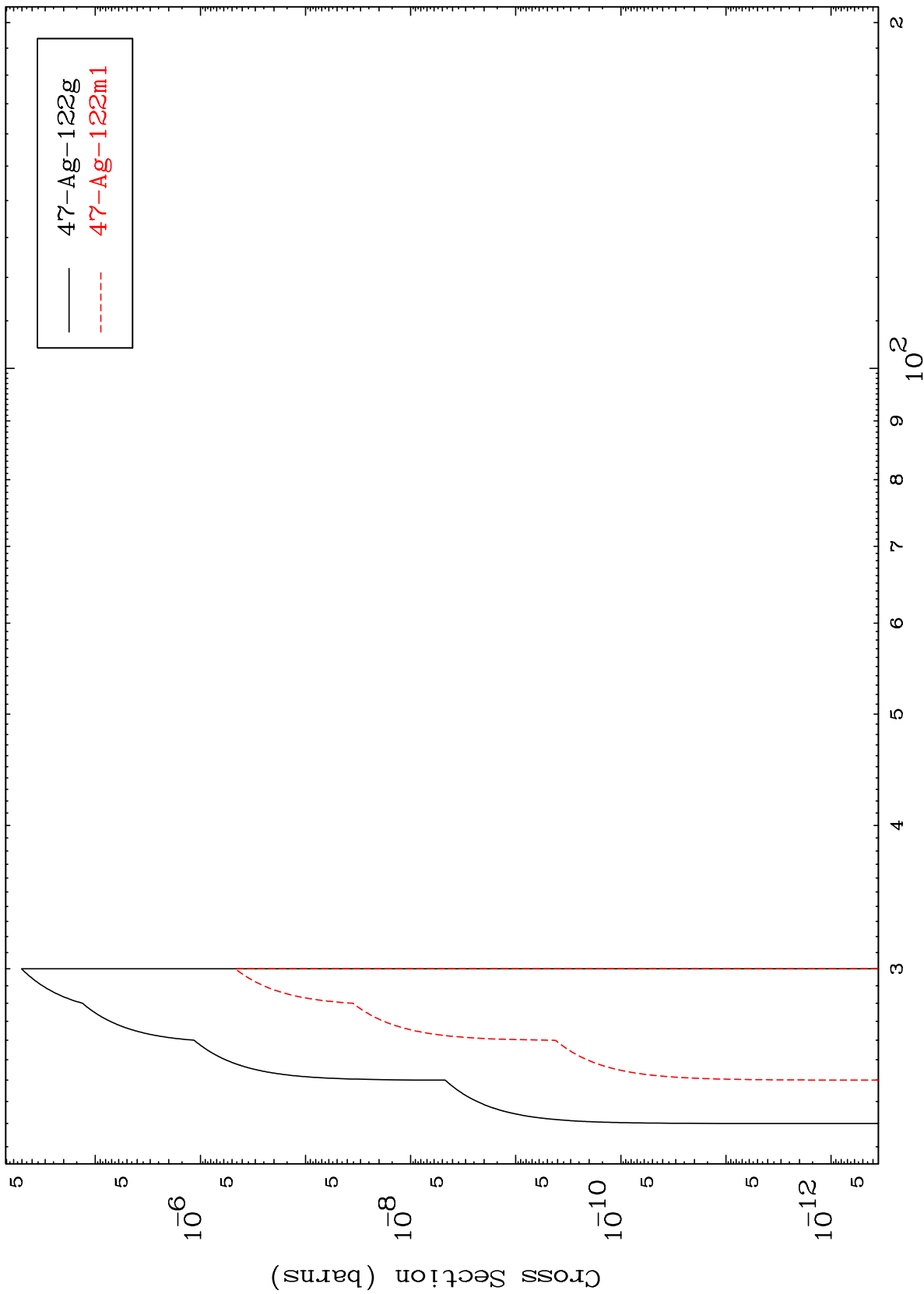
48-Cd-124

MAT 4879

(n,n') p

48-Cd-124

Radionuclide Production Cross Section



12

Incident Energy (MeV)

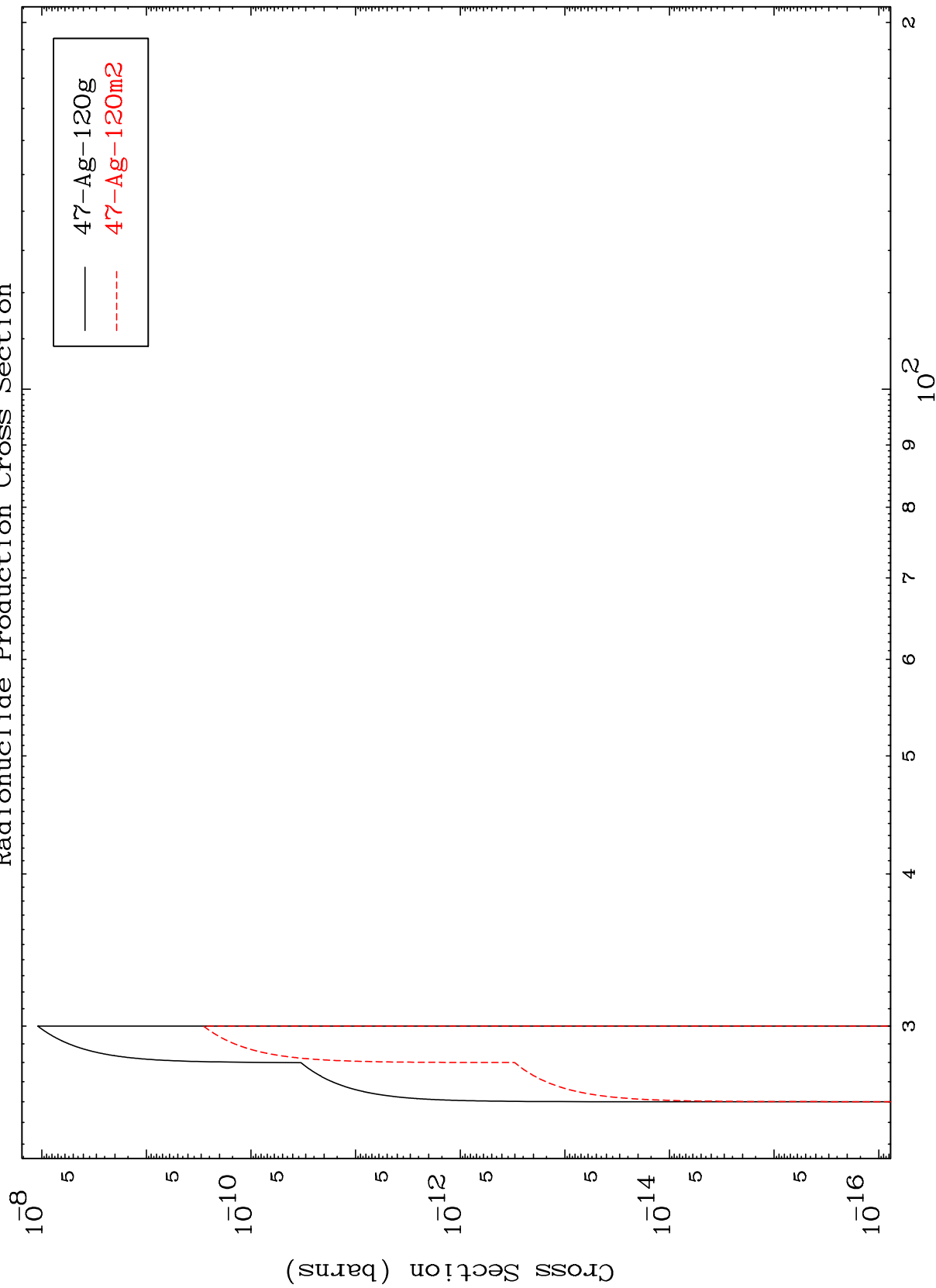
48-Cd-124

MAT 4879

(n,n') t

48-Cd-124

Radionuclide Production Cross Section



13

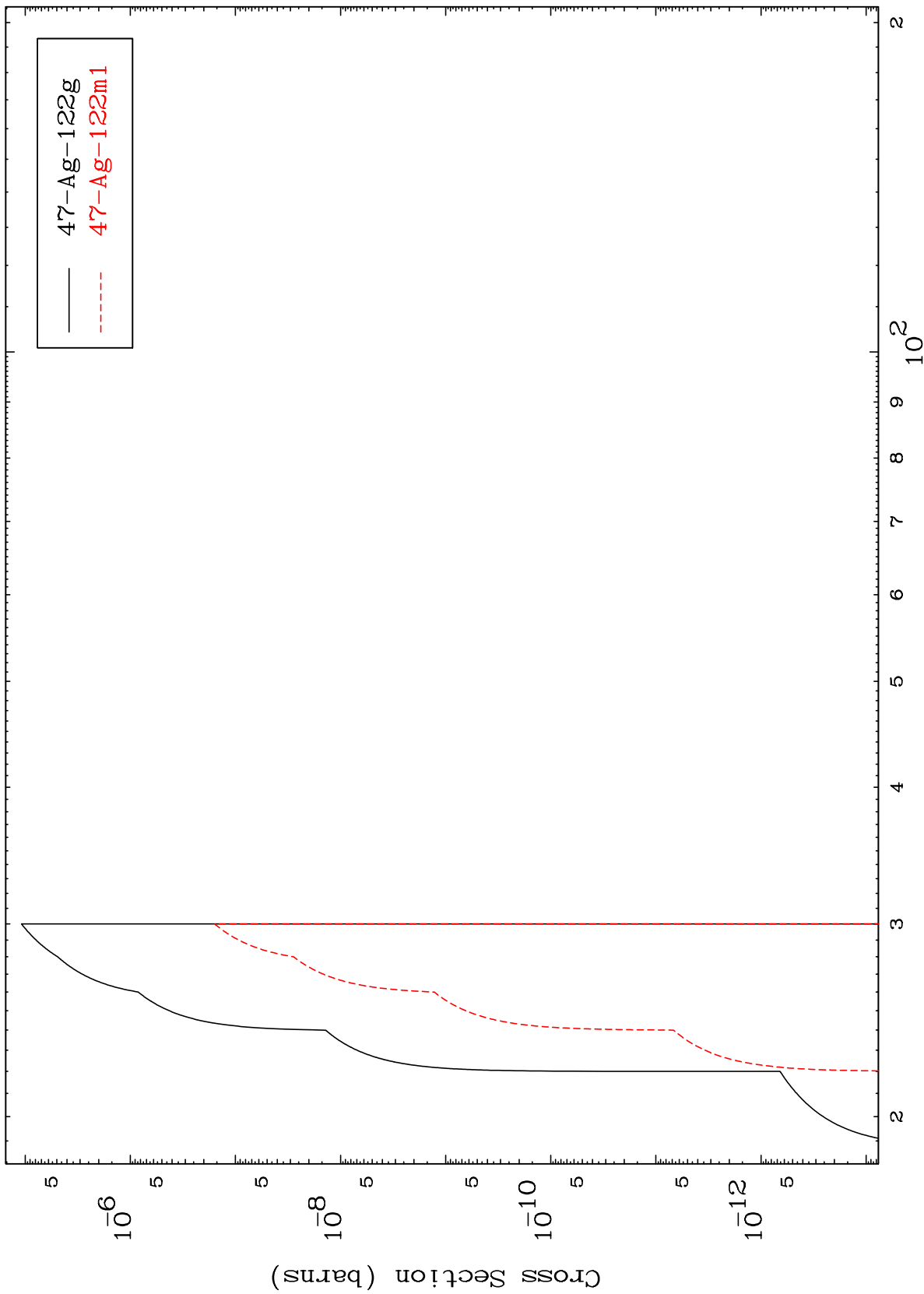
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

(n,d)
Radionuclide Production Cross Section



48-Cd-124

Incident Energy (MeV)

14