

Program EVALPLOT
(Version 2017-1)

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

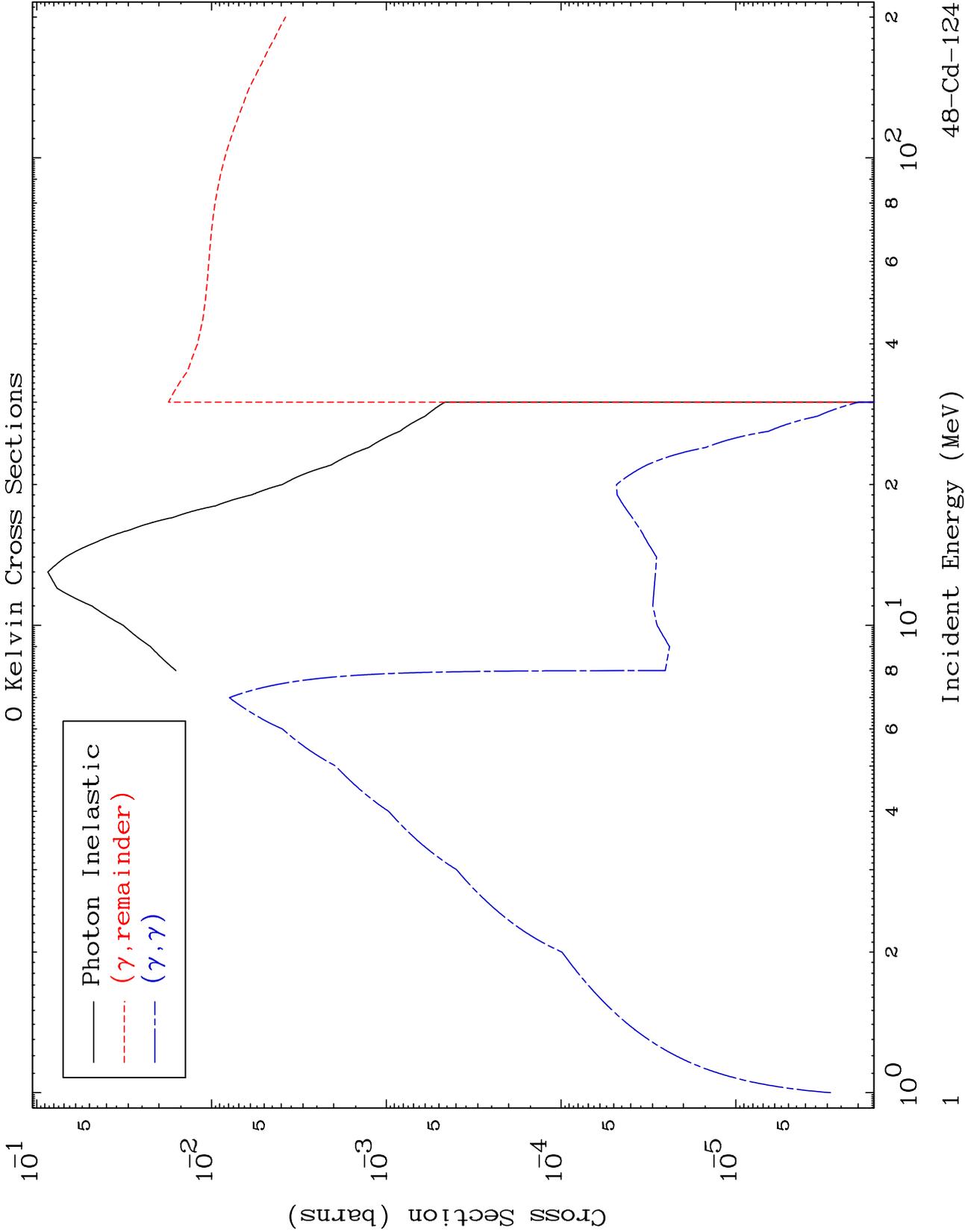
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4879

Photon Major

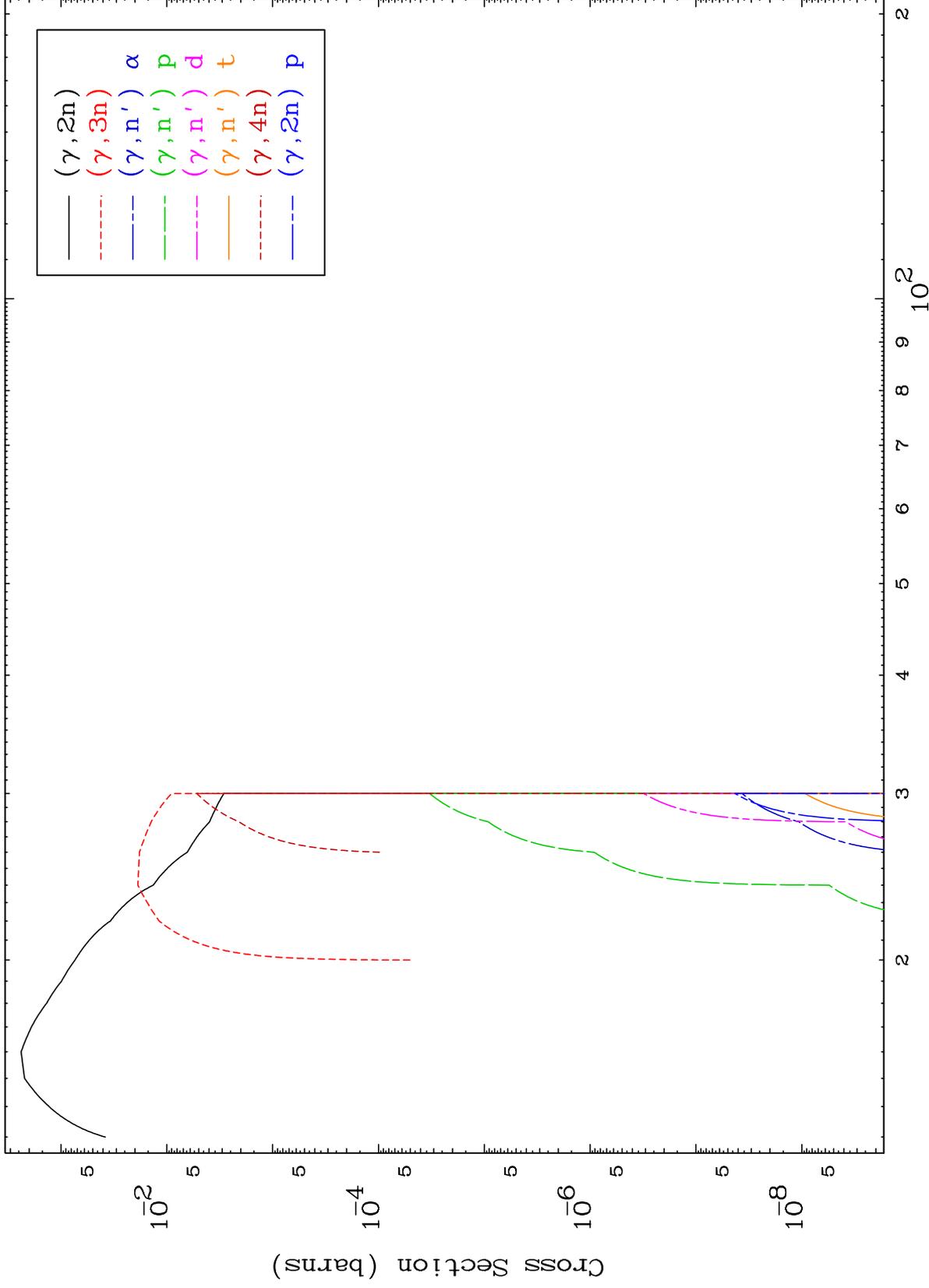
48-Cd-124



MAT 4879

Photon Neutron Production
0 Kelvin Cross Sections

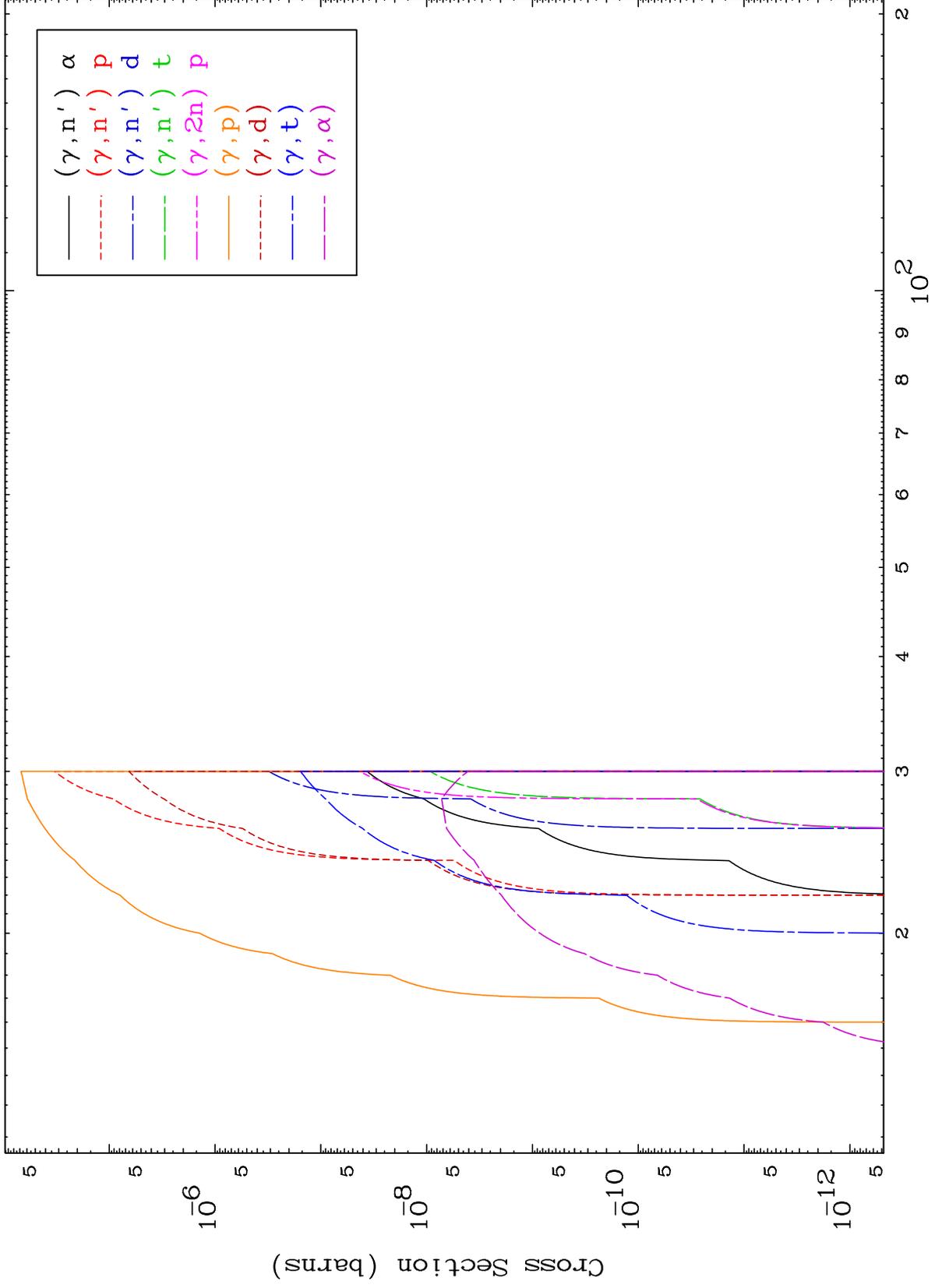
48-Cd-124



2

Incident Energy (MeV)

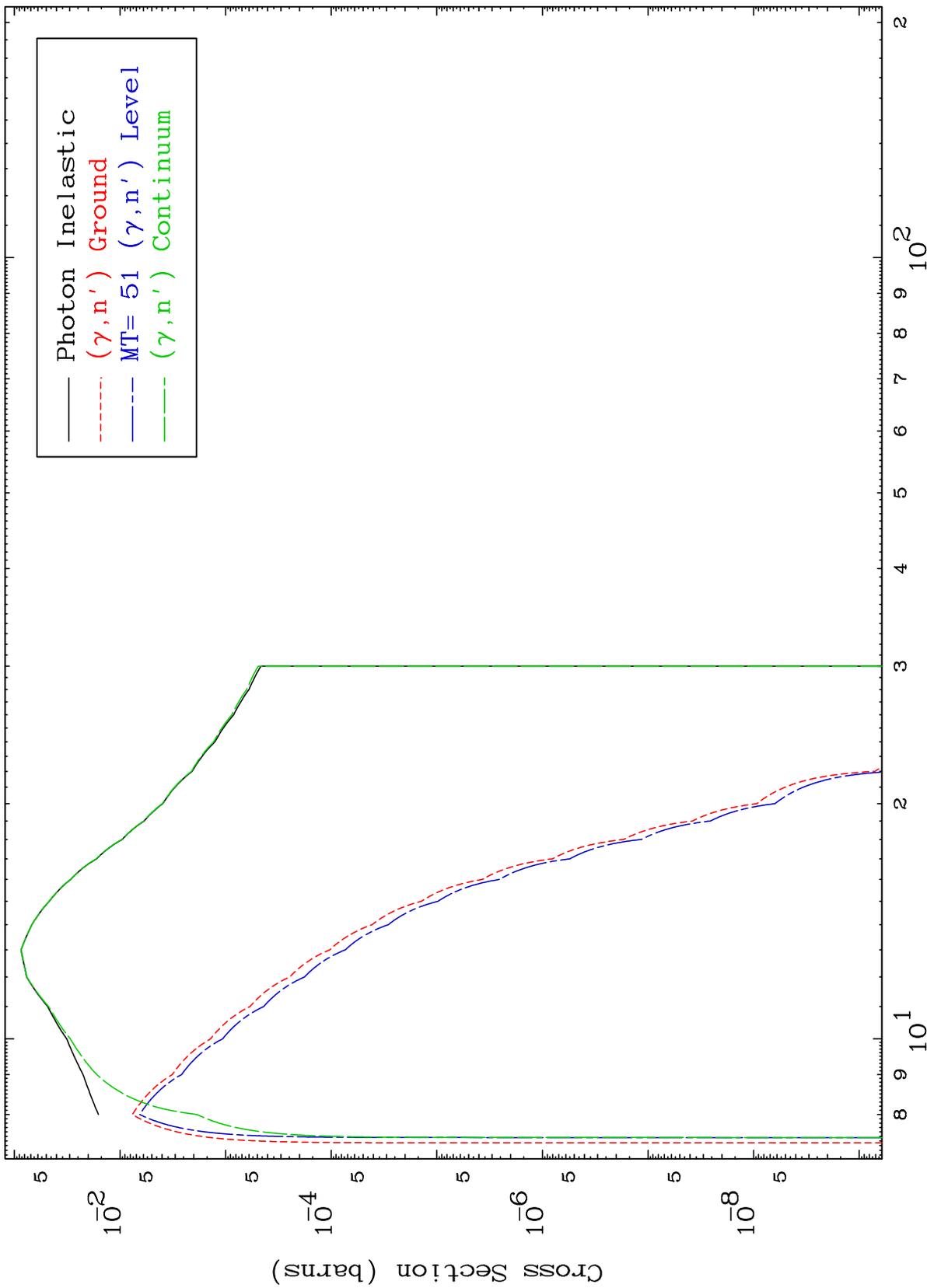
48-Cd-124



MAT 4879

48-Cd-124

(γ, n') Level
0 Kelvin Cross Sections



48-Cd-124

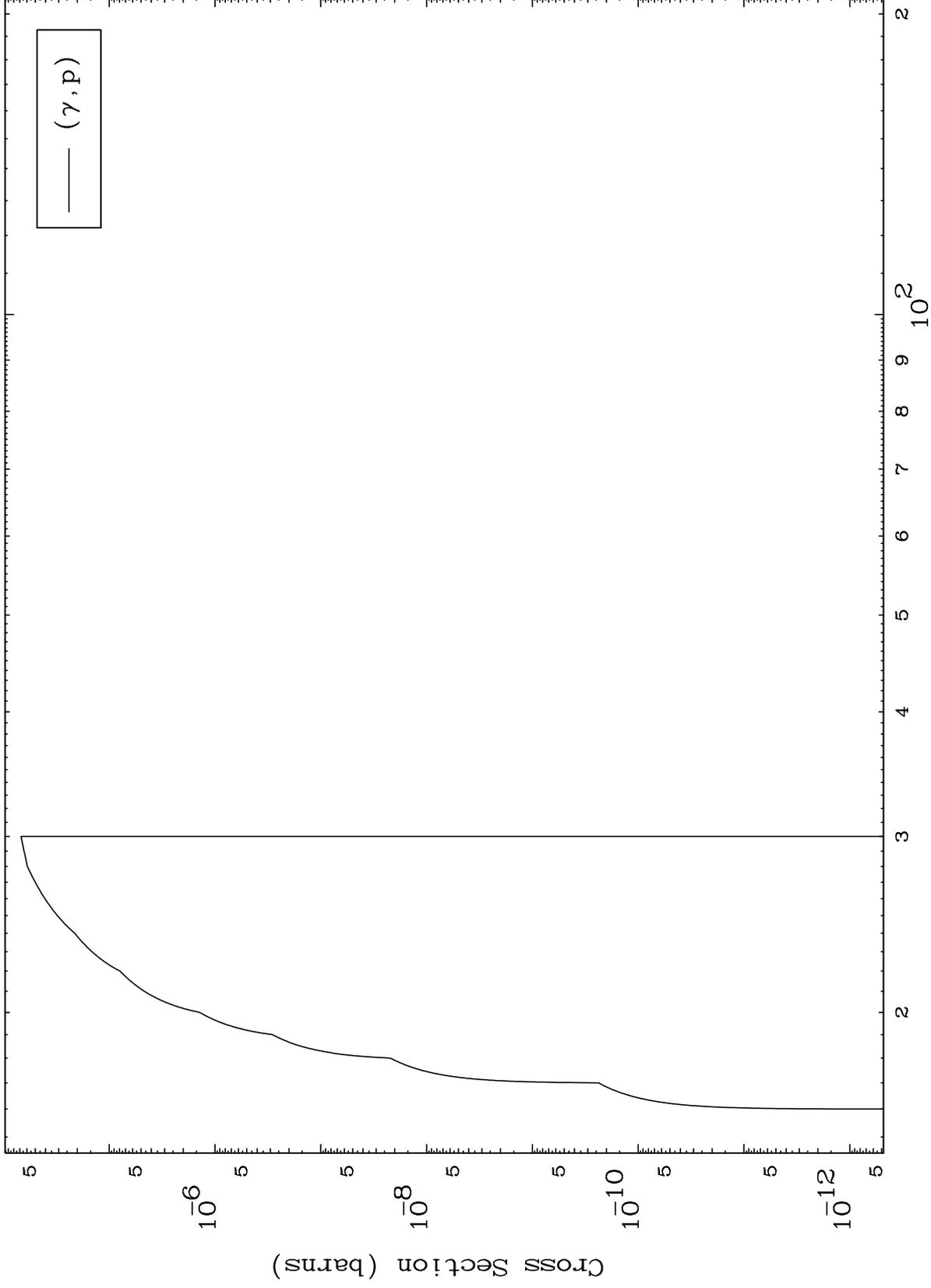
Incident Energy (MeV)

4

MAT 4879

(γ, p) Levels
0 Kelvin Cross Sections

48-Cd-124



5

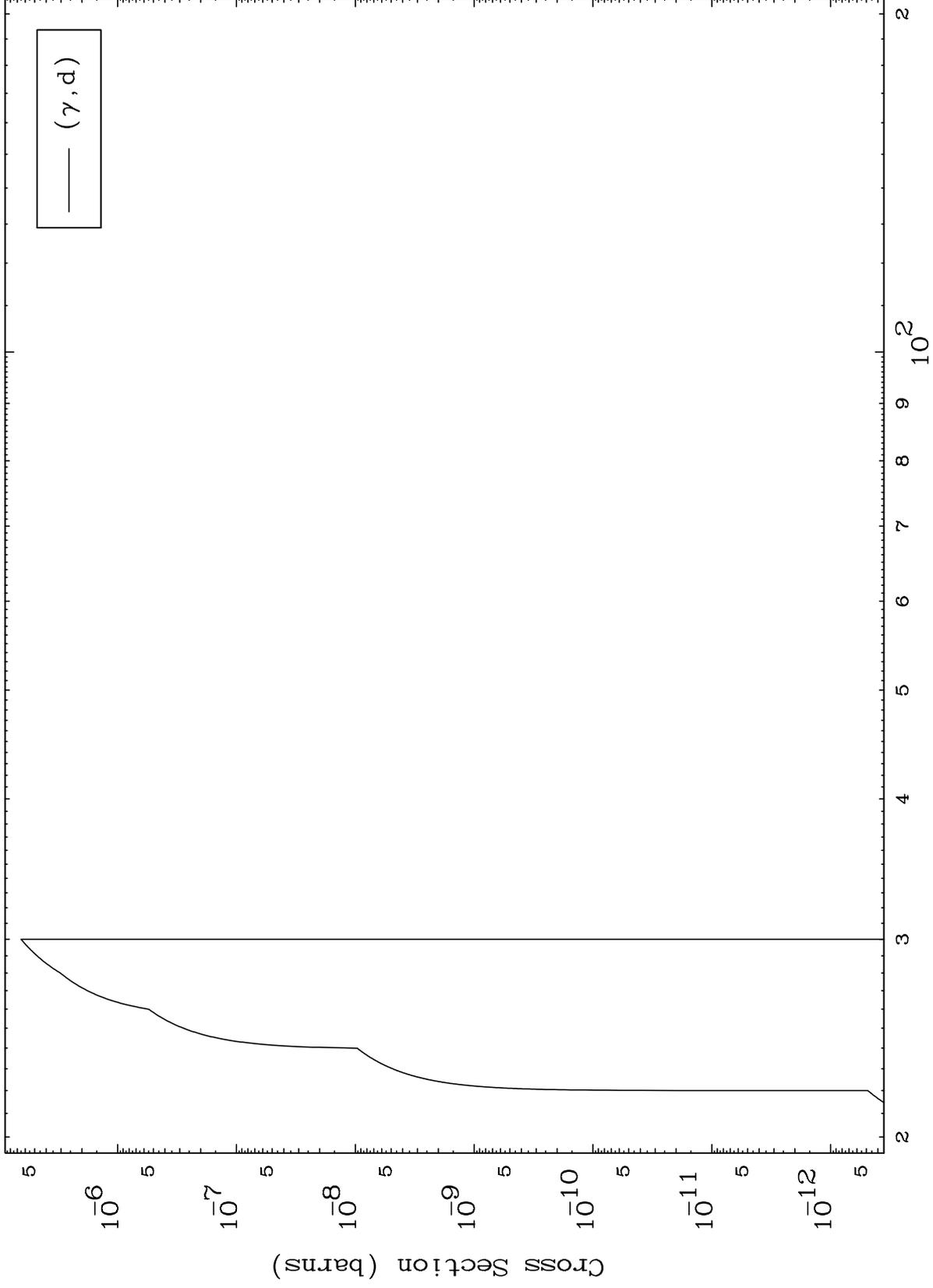
Incident Energy (MeV)

48-Cd-124

MAT 4879

(γ, d) Levels
0 Kelvin Cross Sections

48-Cd-124



6

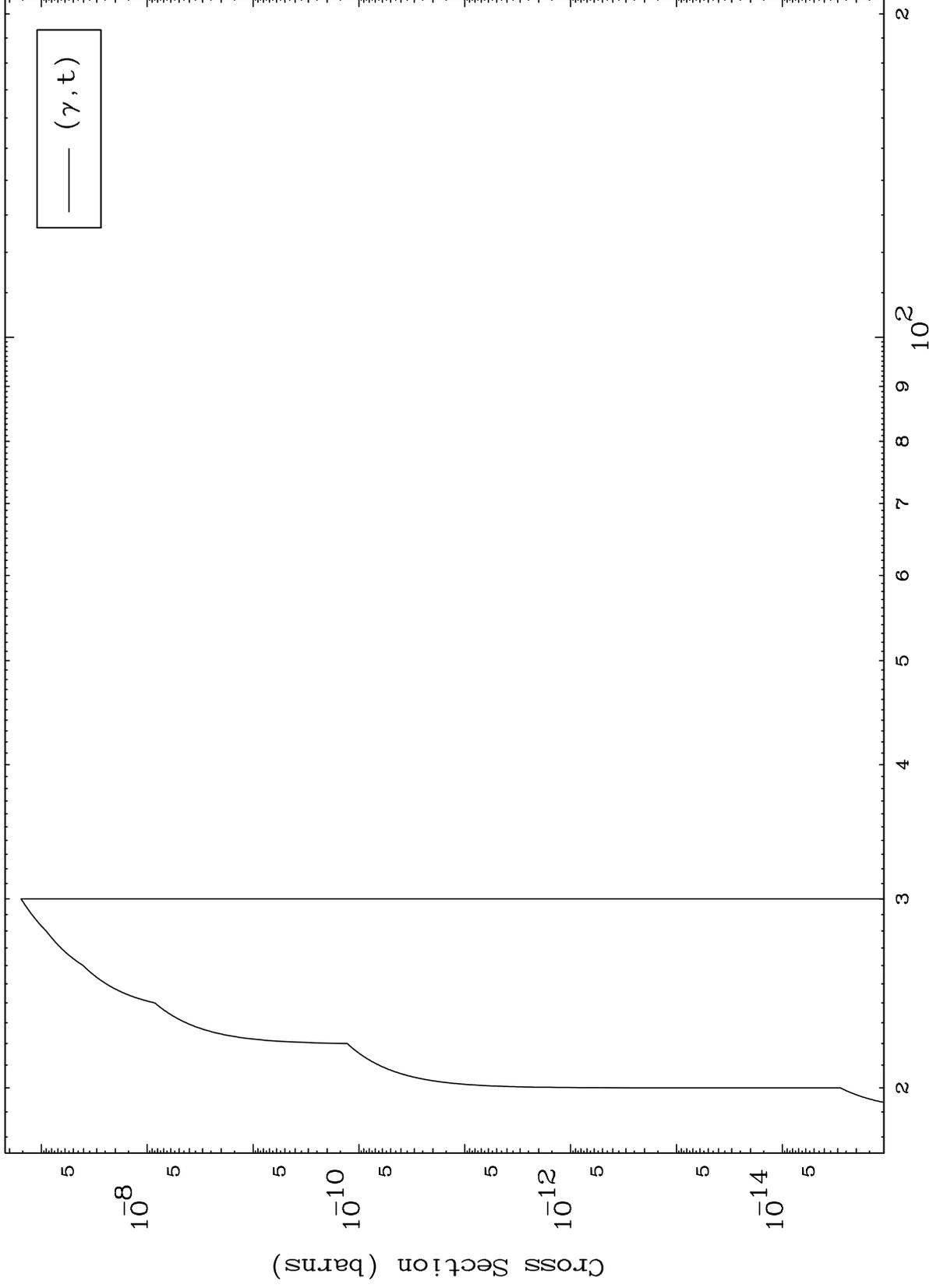
Incident Energy (MeV)

48-Cd-124

MAT 4879

(γ, t) Levels
0 Kelvin Cross Sections

48-Cd-124



7

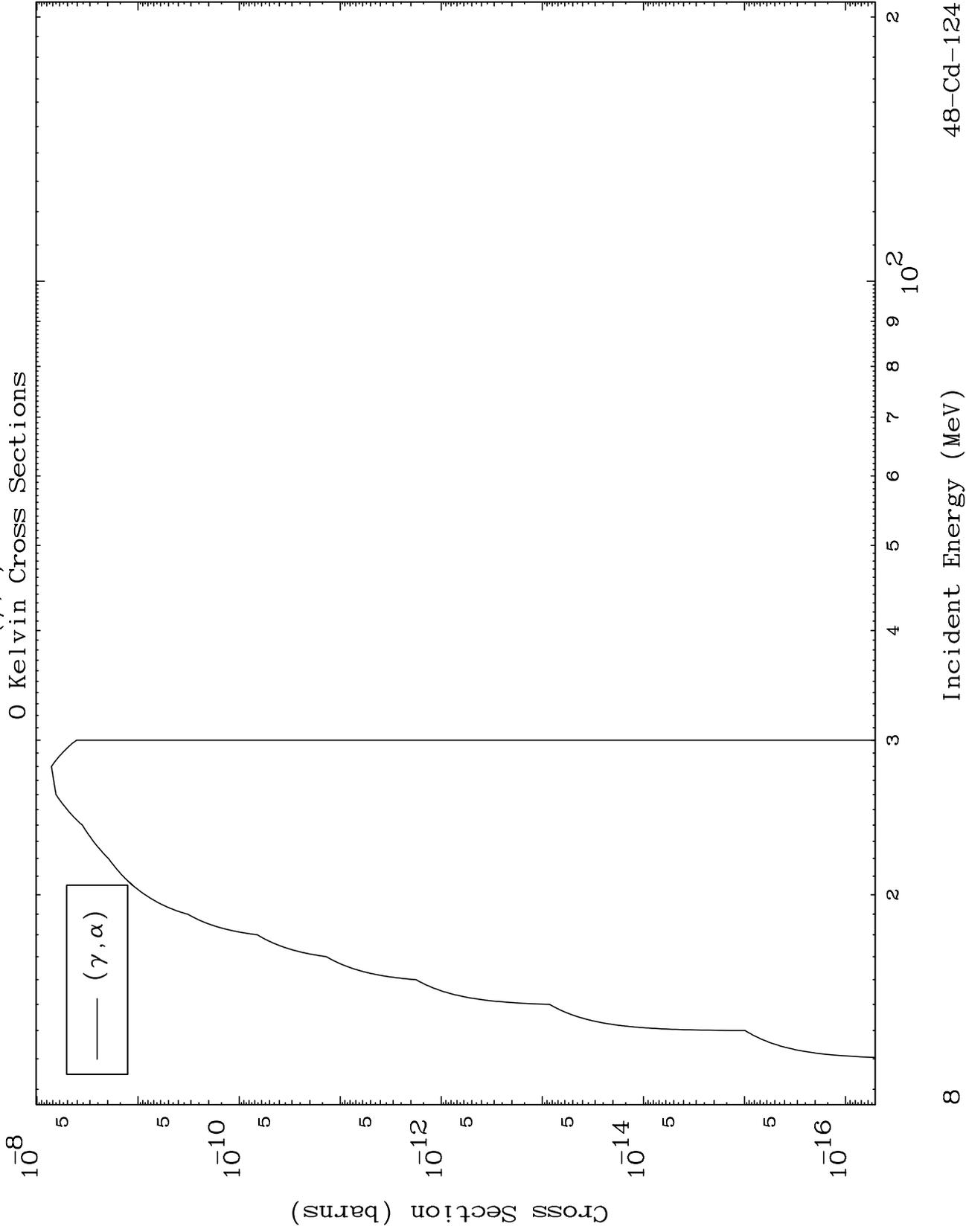
Incident Energy (MeV)

48-Cd-124

MAT 4879

(γ, α) Levels

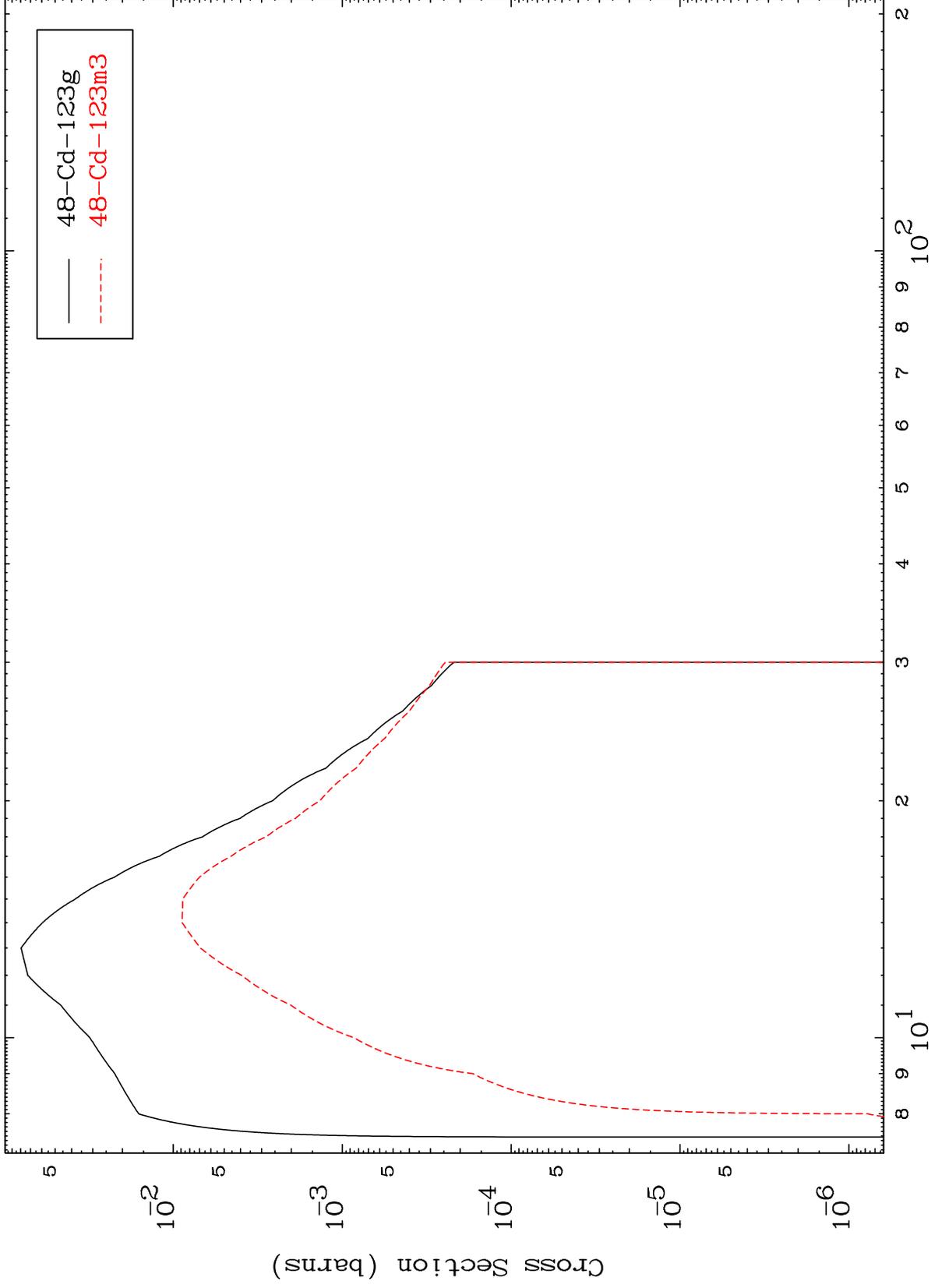
48-Cd-124



MAT 4879

Photon Inelastic
Radionuclide Production Cross Section

48-Cd-124



9

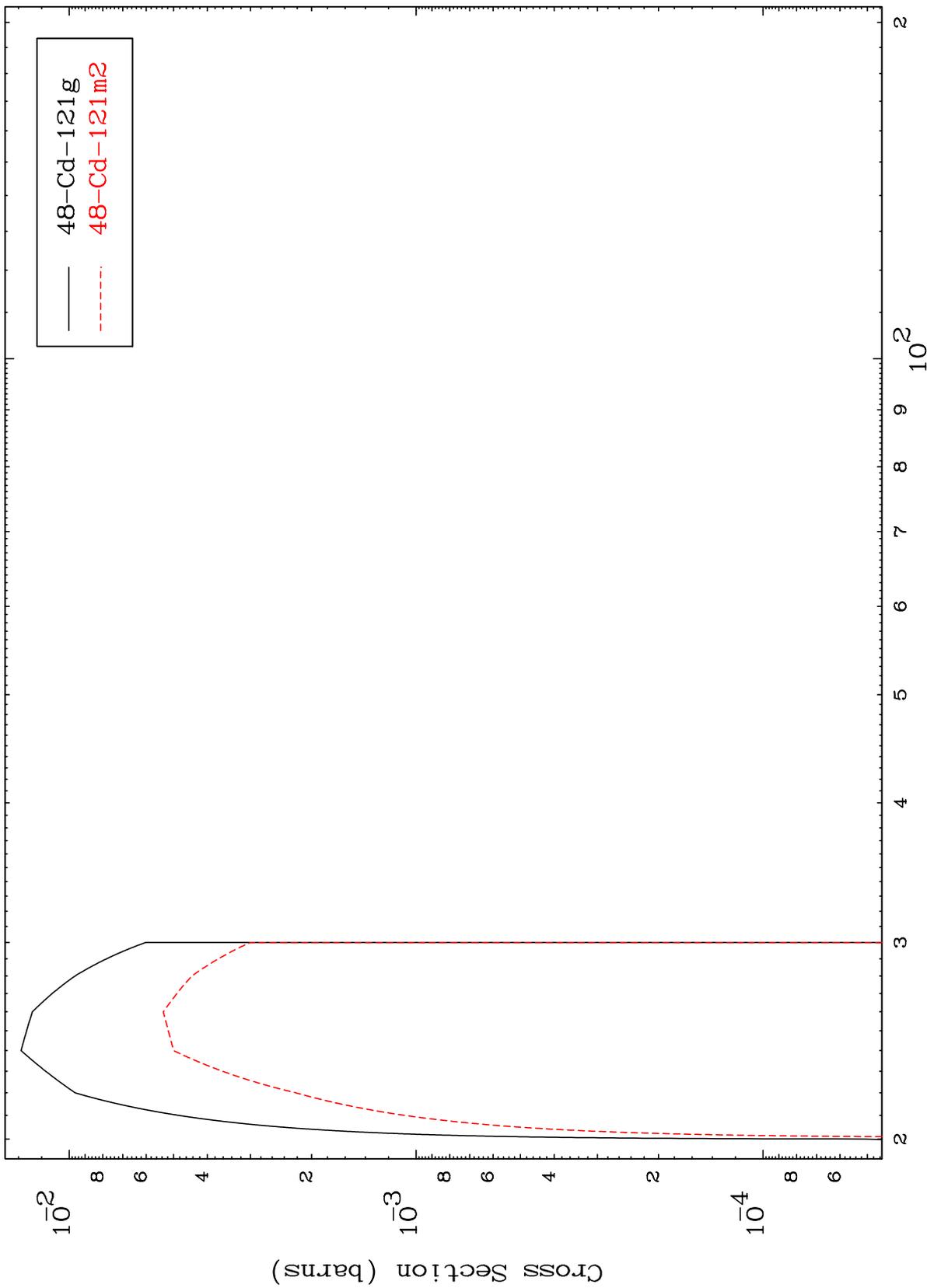
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

($\gamma, 3n$)
Radionuclide Production Cross Section

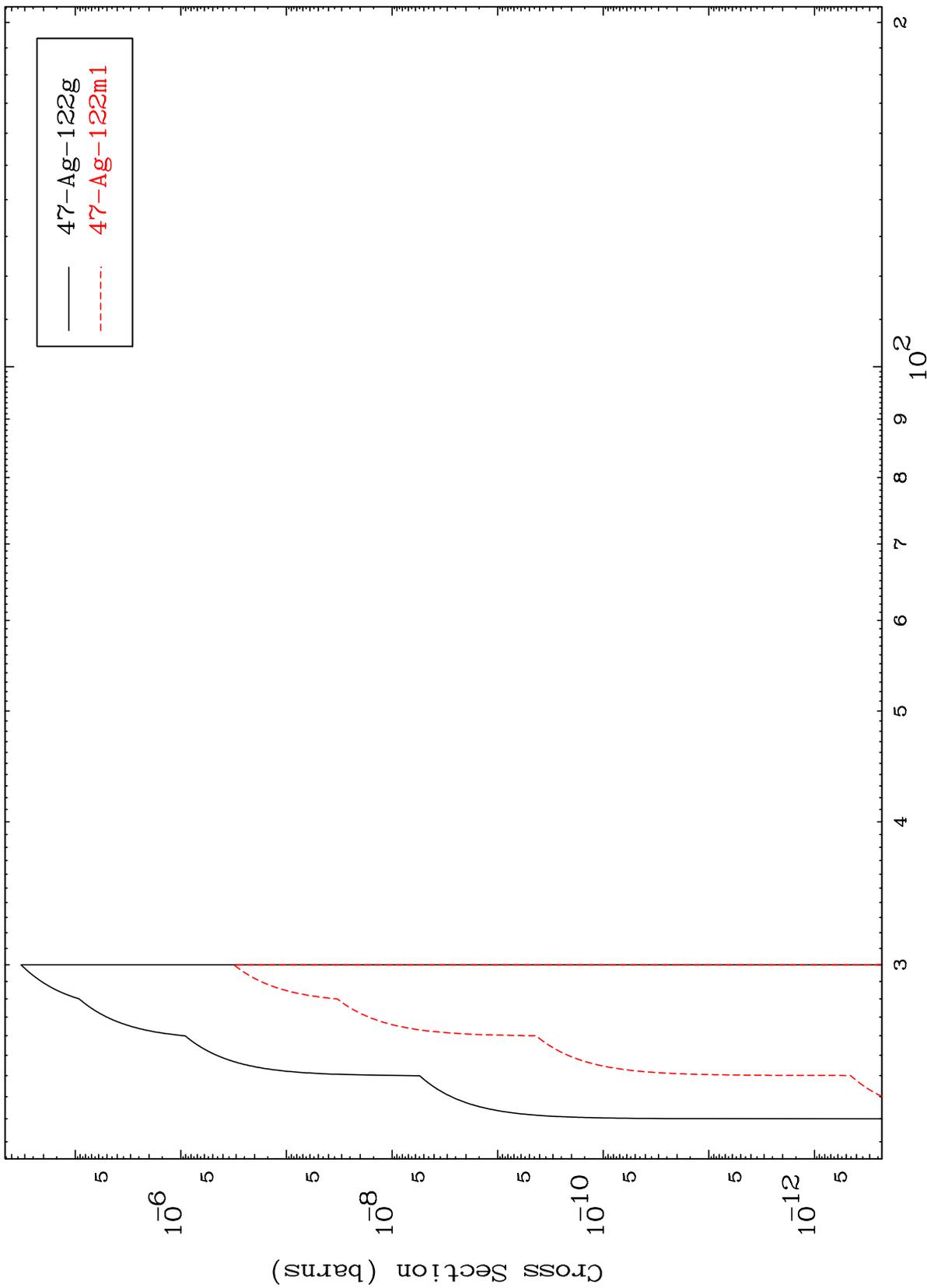


48-Cd-124

Incident Energy (MeV)

10

(γ, n') p
Radionuclide Production Cross Section

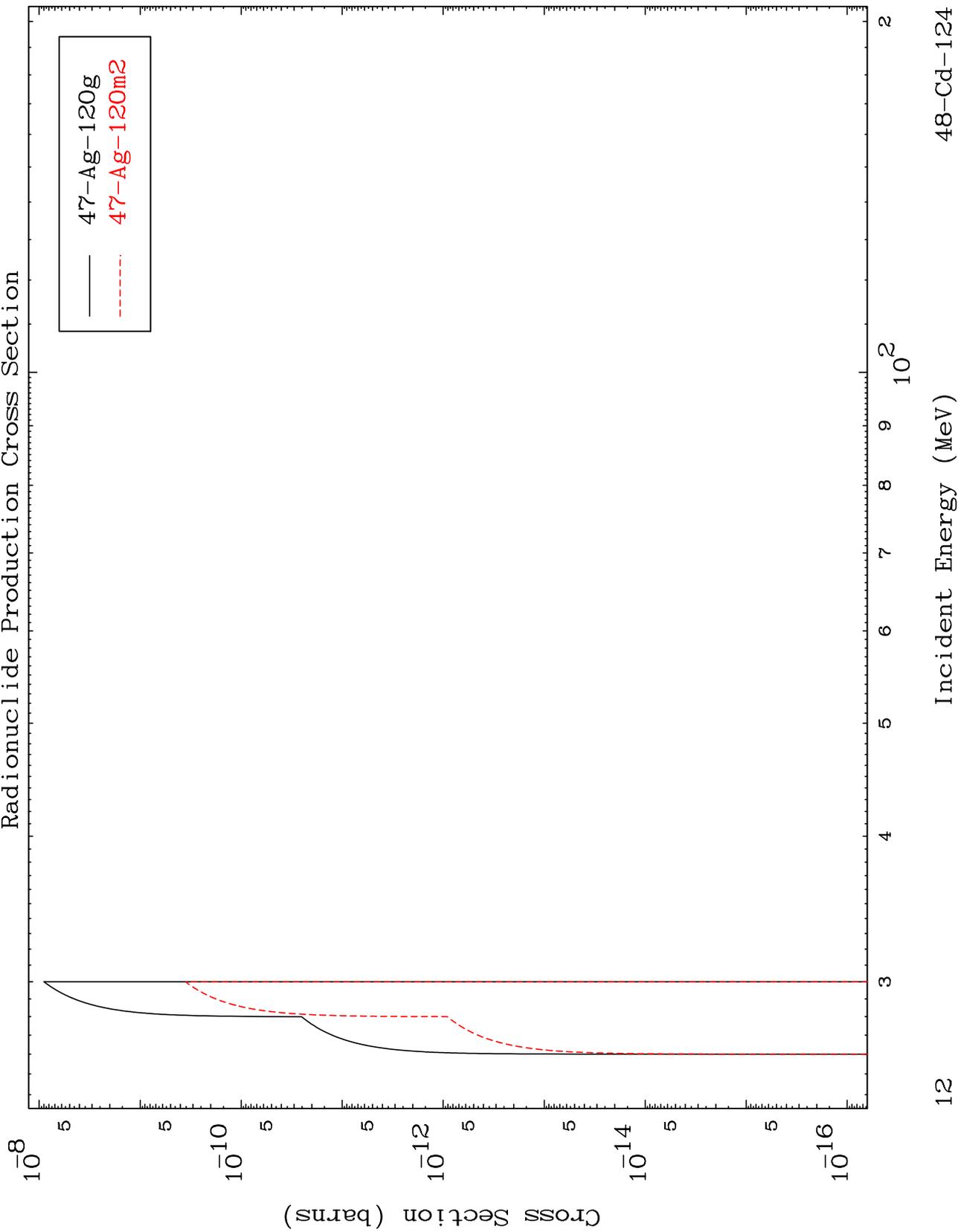


MAT 4879

(γ, n') t

48-Cd-124

Radionuclide Production Cross Section



12

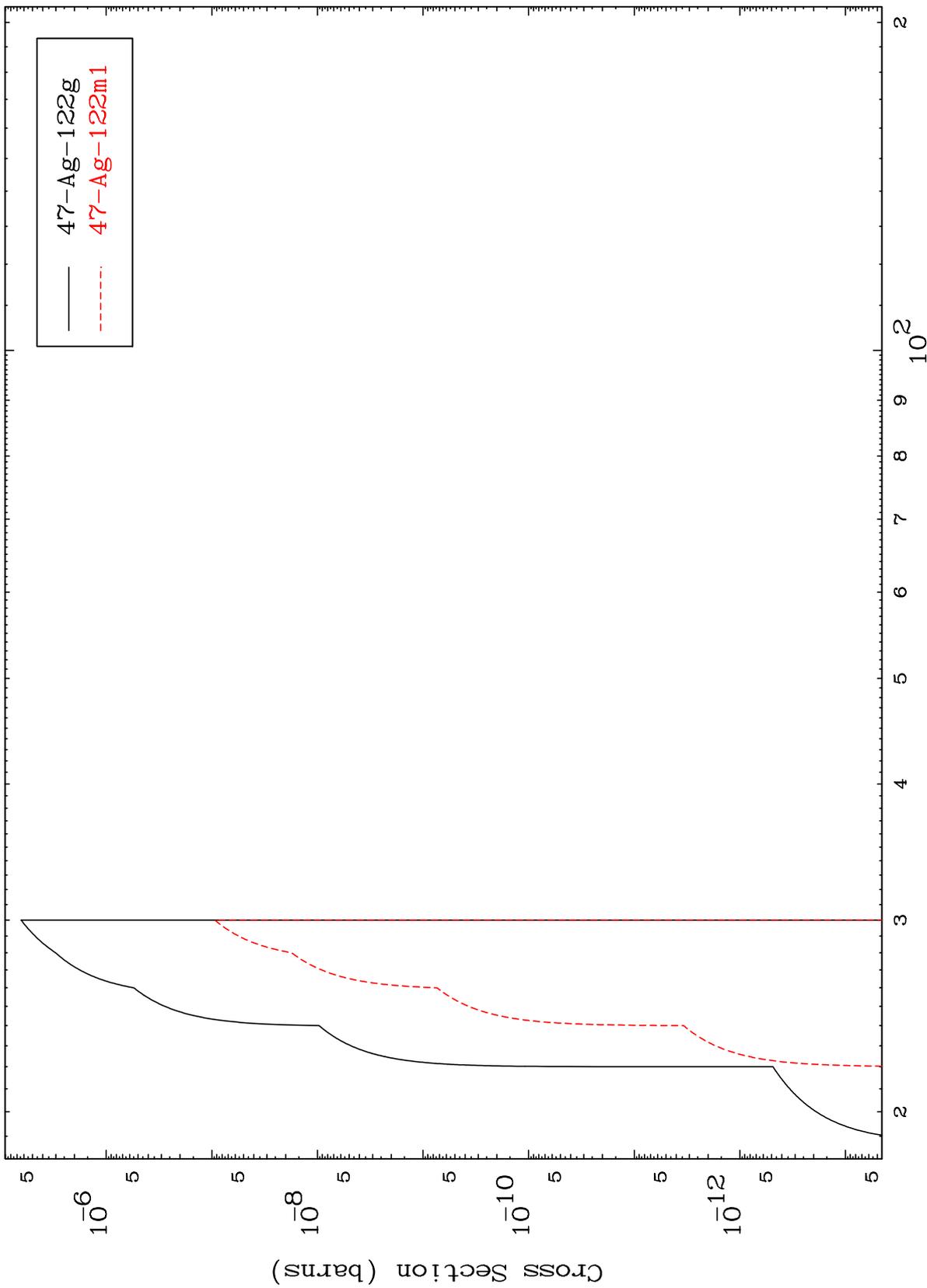
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

(γ, d)
Radionuclide Production Cross Section



48-Cd-124

Incident Energy (MeV)

13