

Program EVALPLOT
(Version 2018-1)

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

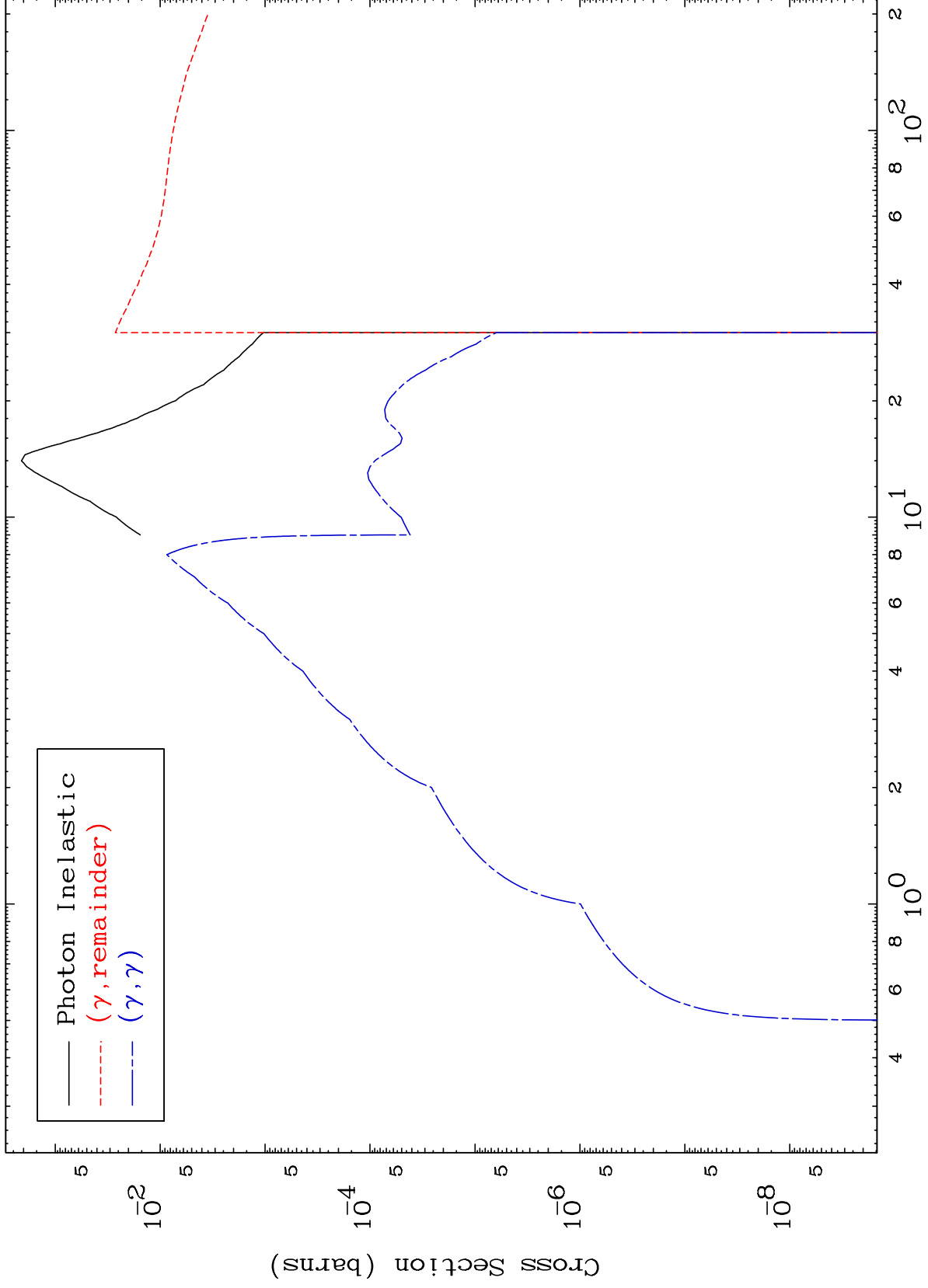
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4861

Photon Major
0 Kelvin Cross Sections

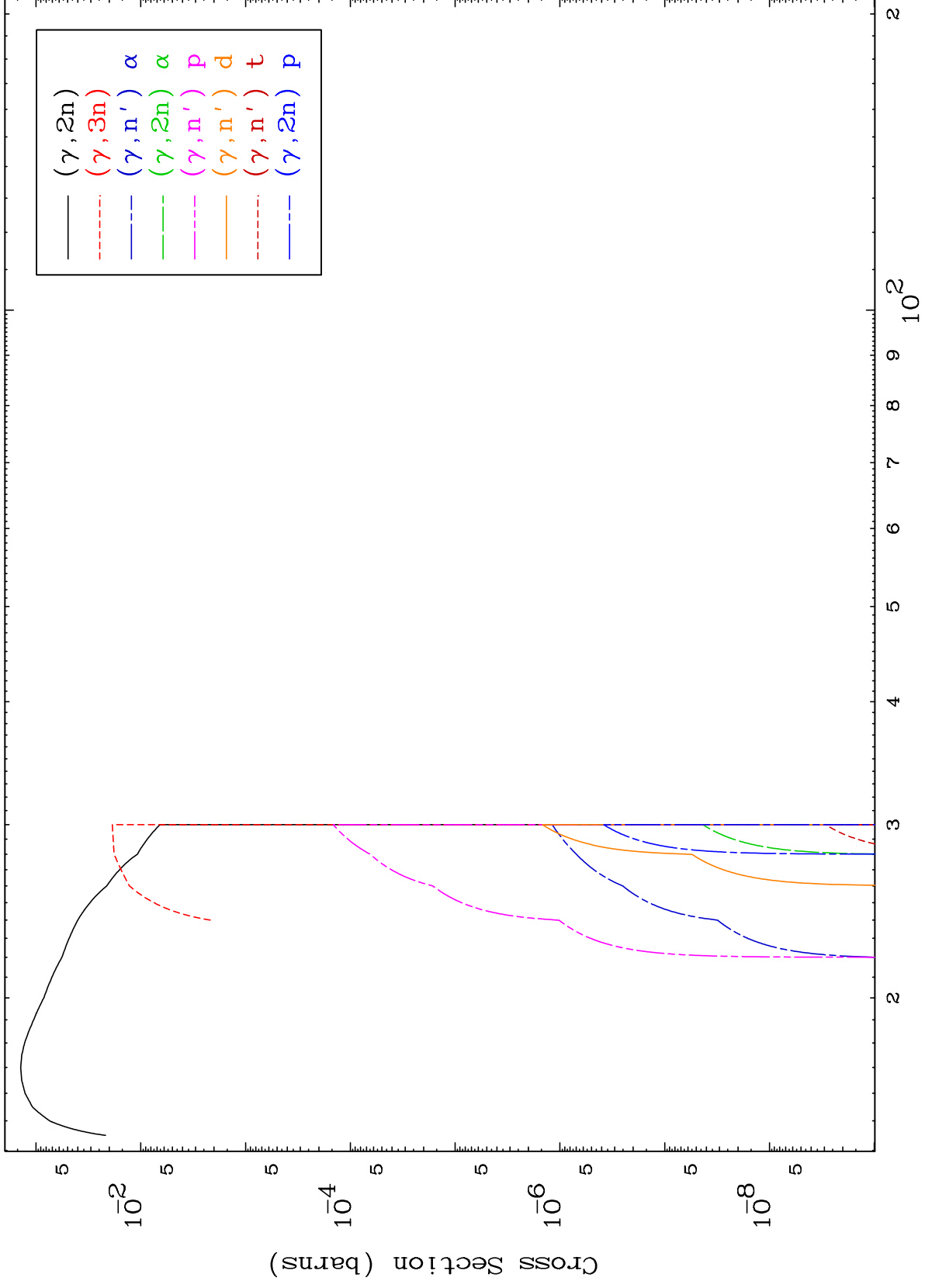
48-Cd-118



MAT 4861

Photon Neutron Production
0 Kelvin Cross Sections

48-Cd-118



2

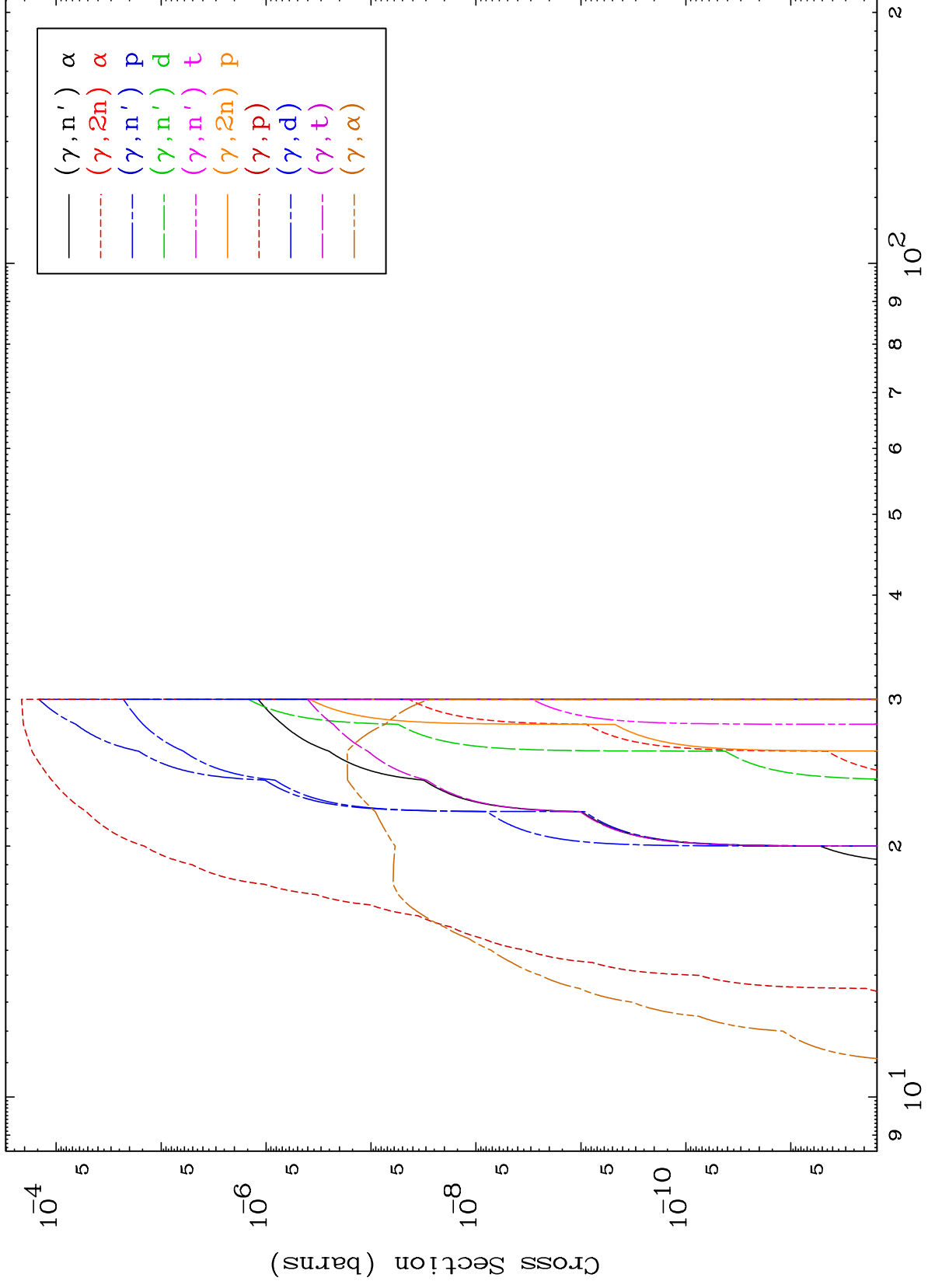
Incident Energy (MeV)

48-Cd-118

MAT 4861

Photon Charged Particle
0 Kelvin Cross Sections

48-Cd-118



48-Cd-118

Incident Energy (MeV)

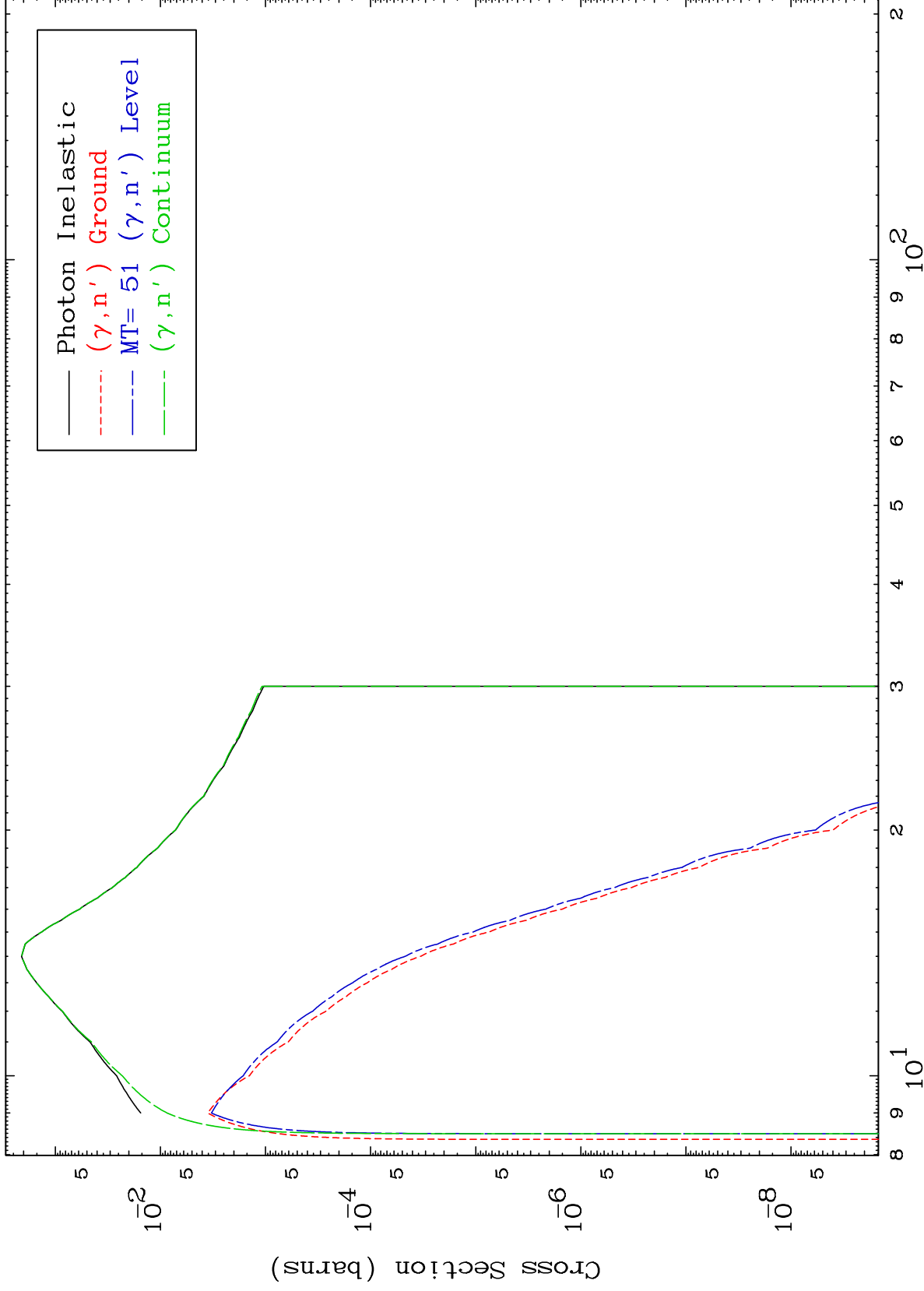
3

MAT 4861

(γ, n') Level

48-Cd-118

0 Kelvin Cross Sections



Incident Energy (MeV)

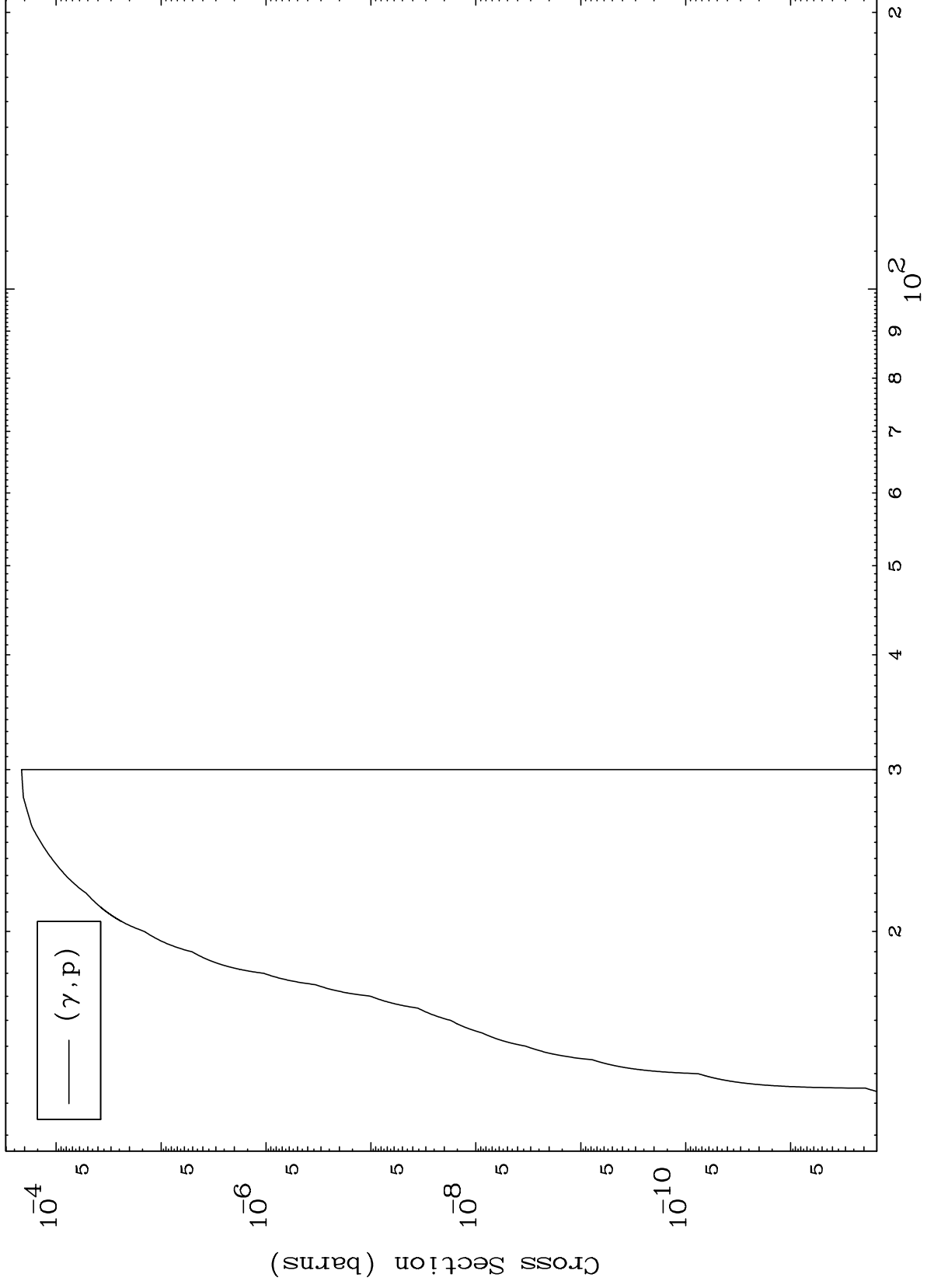
48-Cd-118

4

MAT 4861

(γ, p) Levels
0 Kelvin Cross Sections

48-Cd-118



5

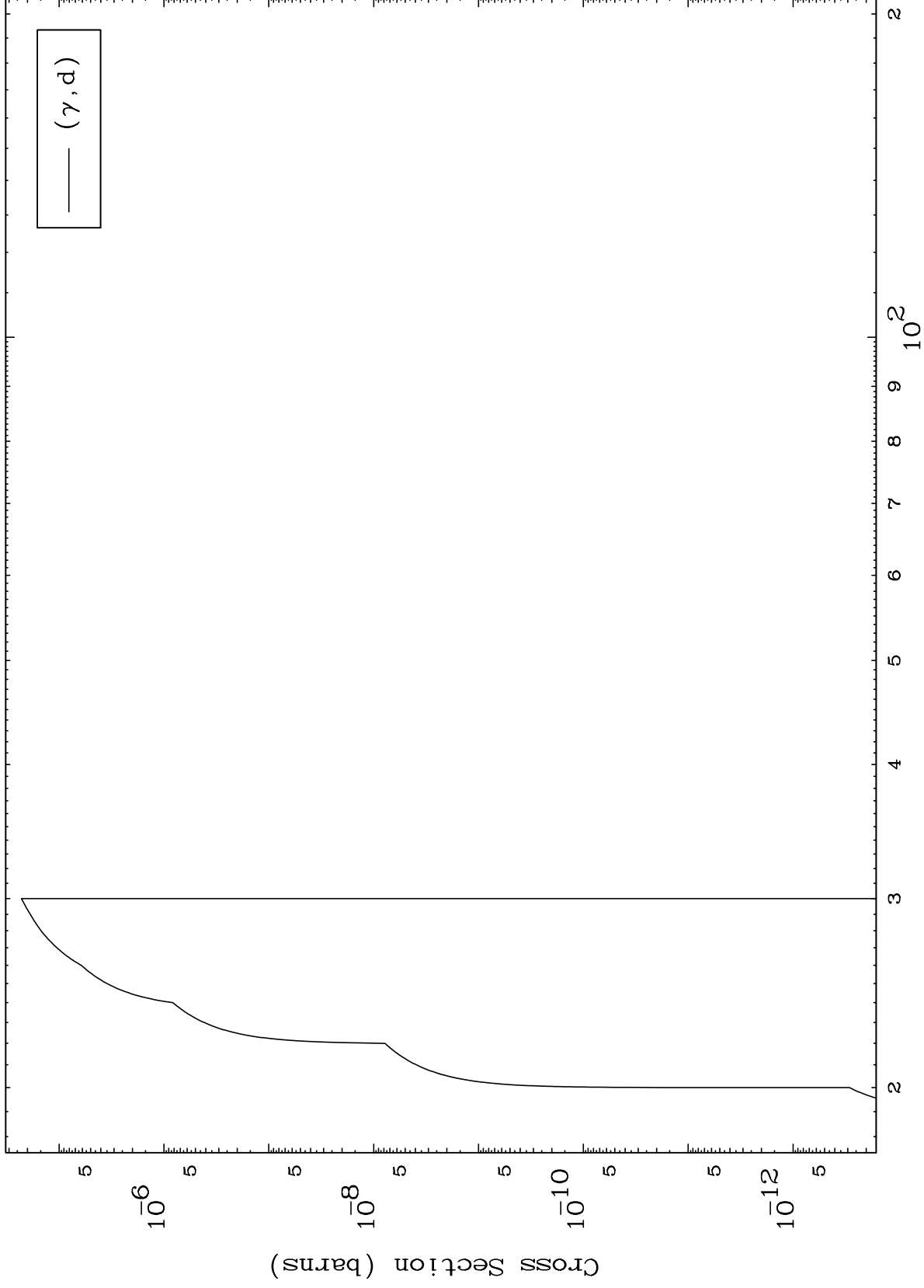
Incident Energy (MeV)

48-Cd-118

MAT 4861

(γ, d) Levels
0 Kelvin Cross Sections

48-Cd-118



6

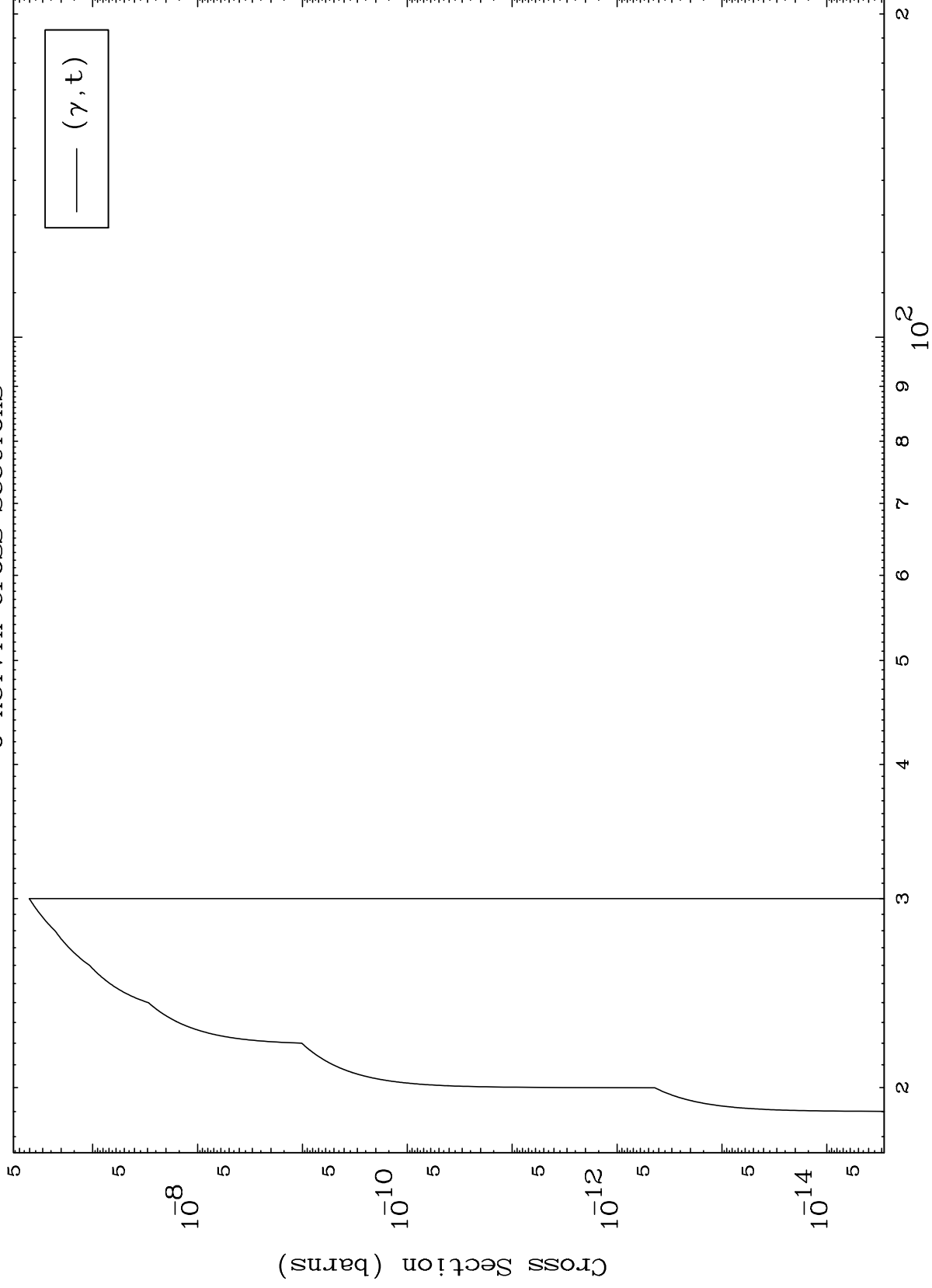
Incident Energy (MeV)

48-Cd-118

MAT 4861

(γ, t) Levels
0 Kelvin Cross Sections

48-Cd-118



7

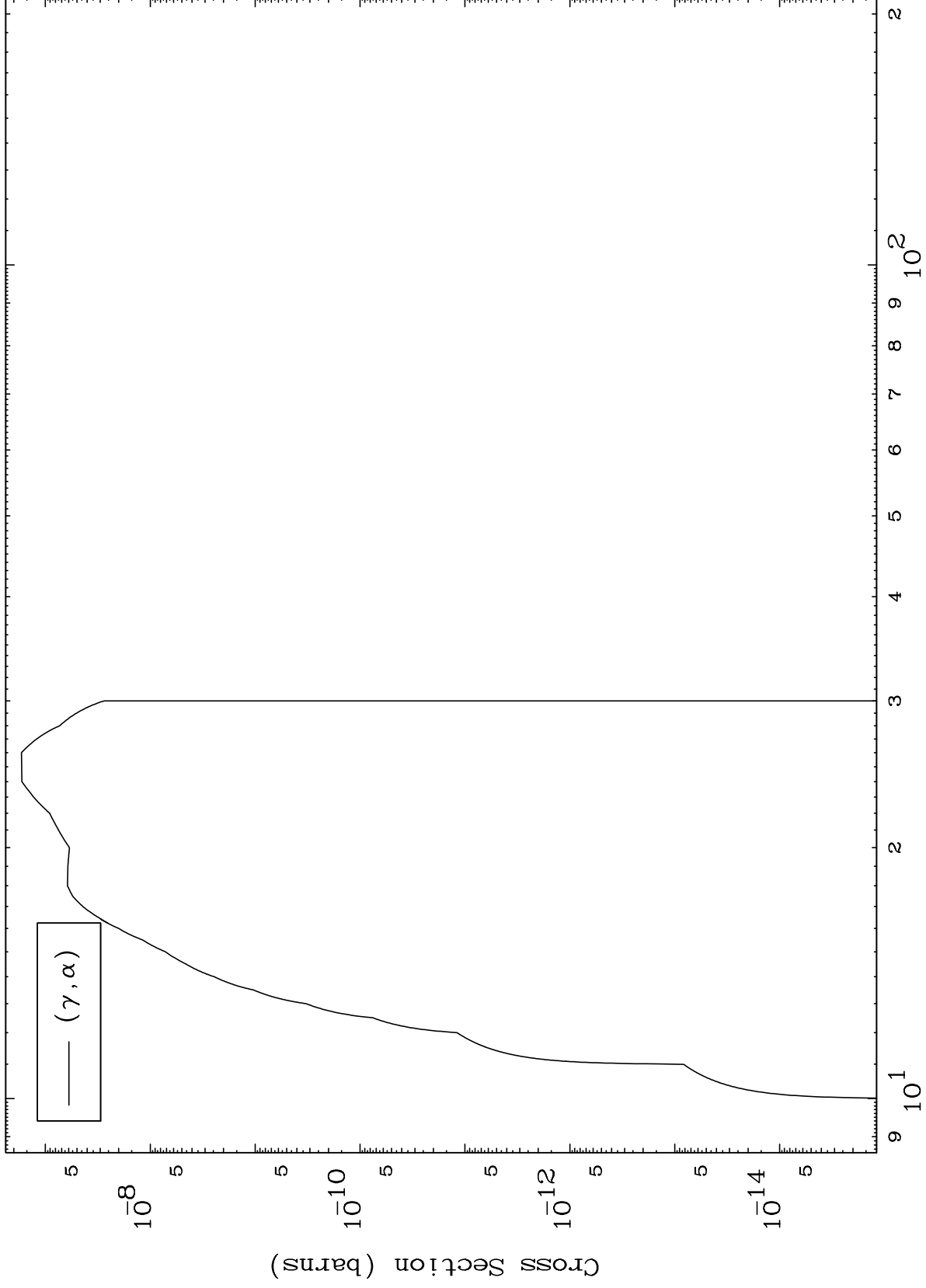
Incident Energy (MeV)

48-Cd-118

MAT 4861

(γ, α) Levels
0 Kelvin Cross Sections

48-Cd-118



8

Incident Energy (MeV)

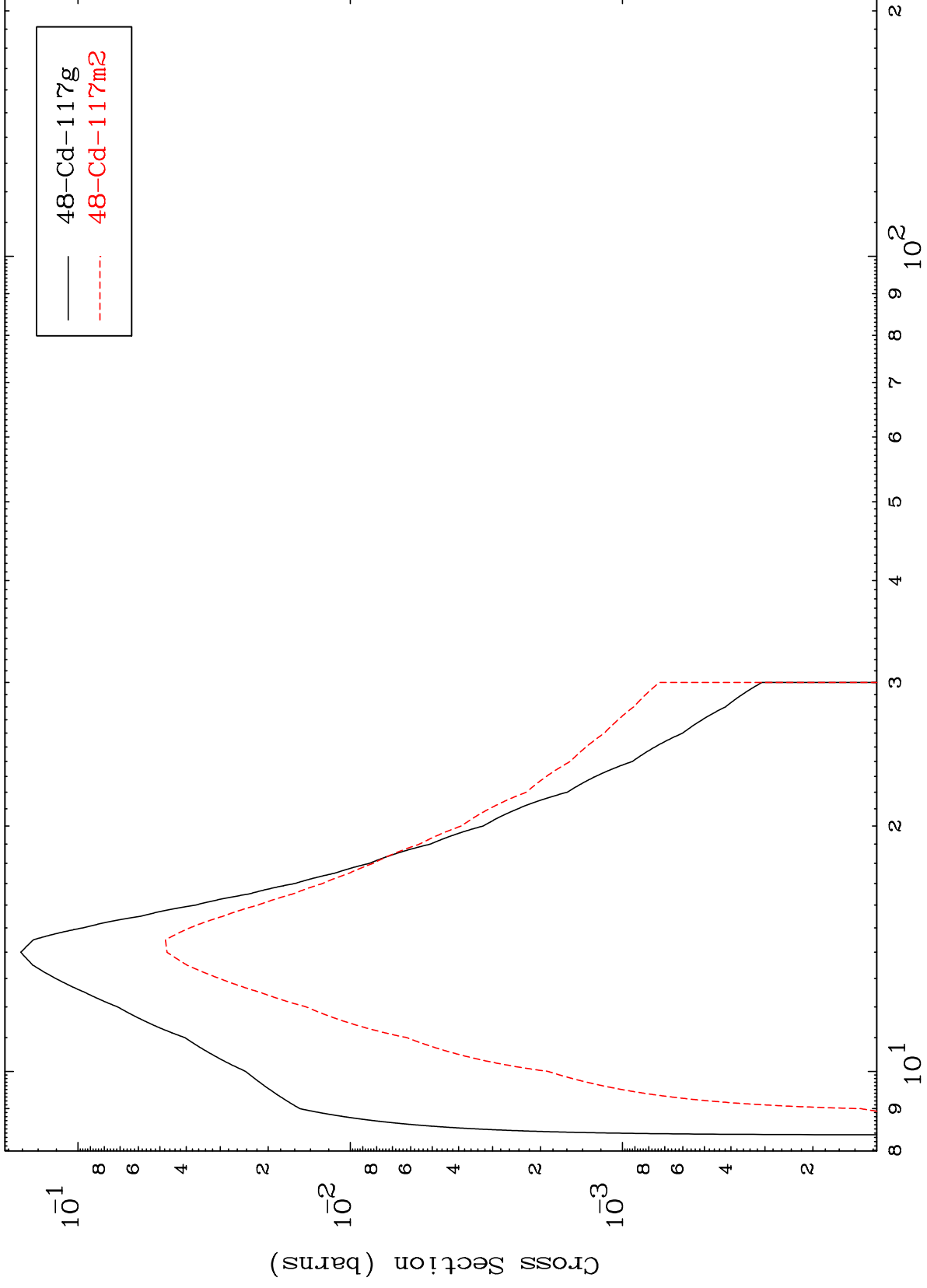
48-Cd-118

MAT 4861

Photon Inelastic

48-Cd-118

Radionuclide Production Cross Section



Incident Energy (MeV)

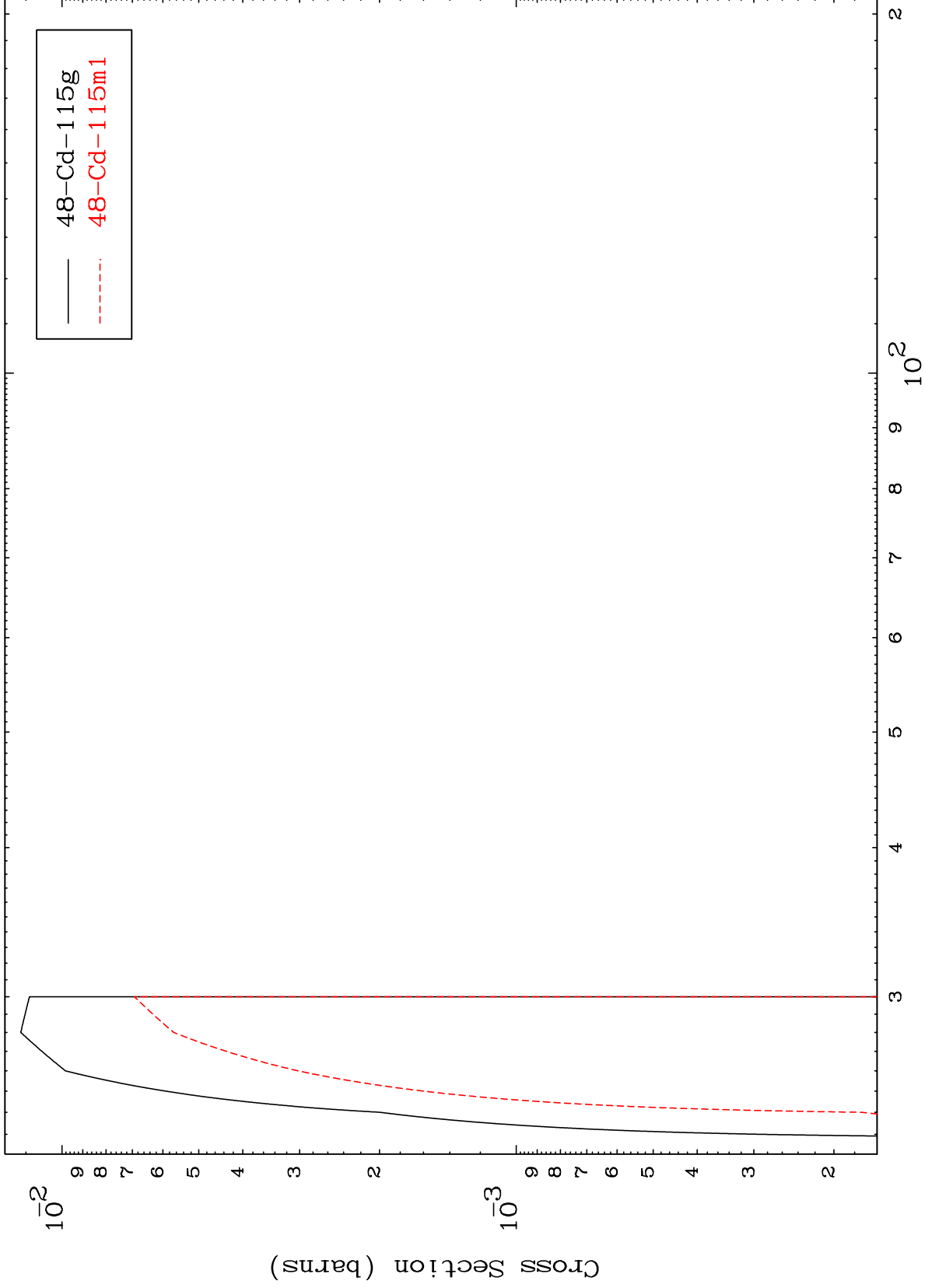
48-Cd-118

MAT 4861

($\gamma, 3n$)

48-Cd-118

Radionuclide Production Cross Section



10

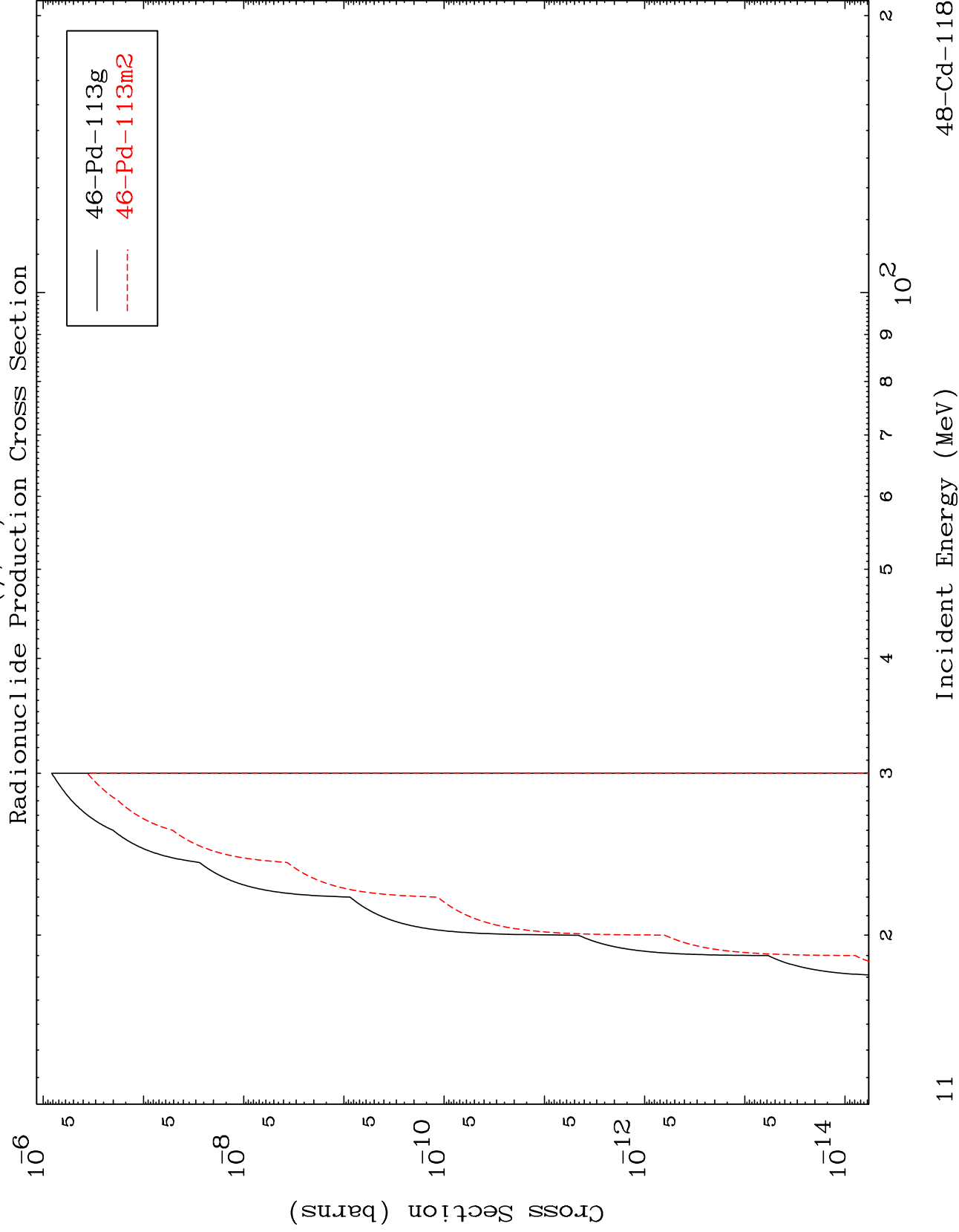
Incident Energy (MeV)

48-Cd-118

MAT 4861

(γ, n') α

48-Cd-118



11

Incident Energy (MeV)

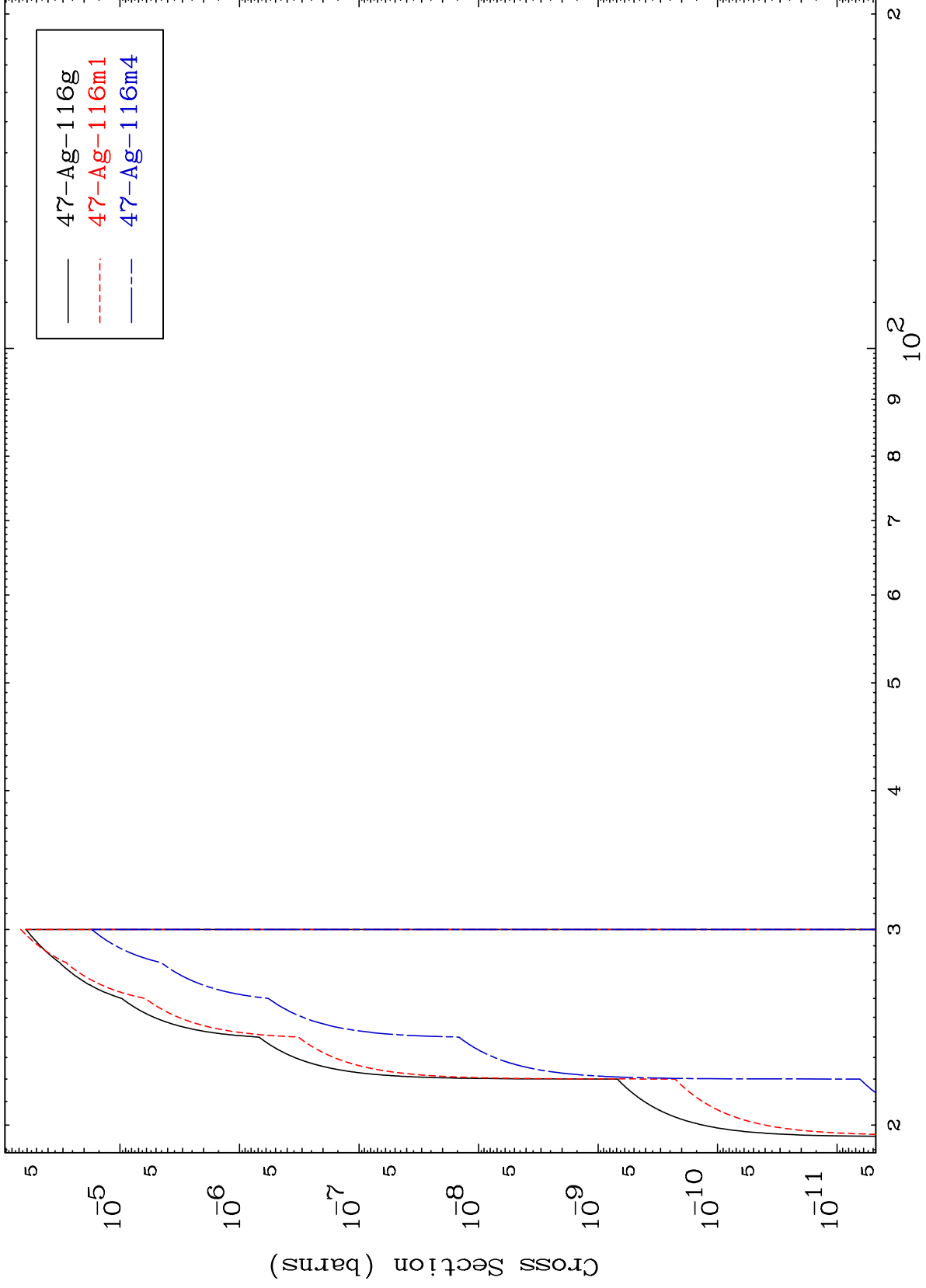
48-Cd-118

MAT 4861

(γ, n') p

48-Cd-118

Radionuclide Production Cross Section



12

Incident Energy (MeV)

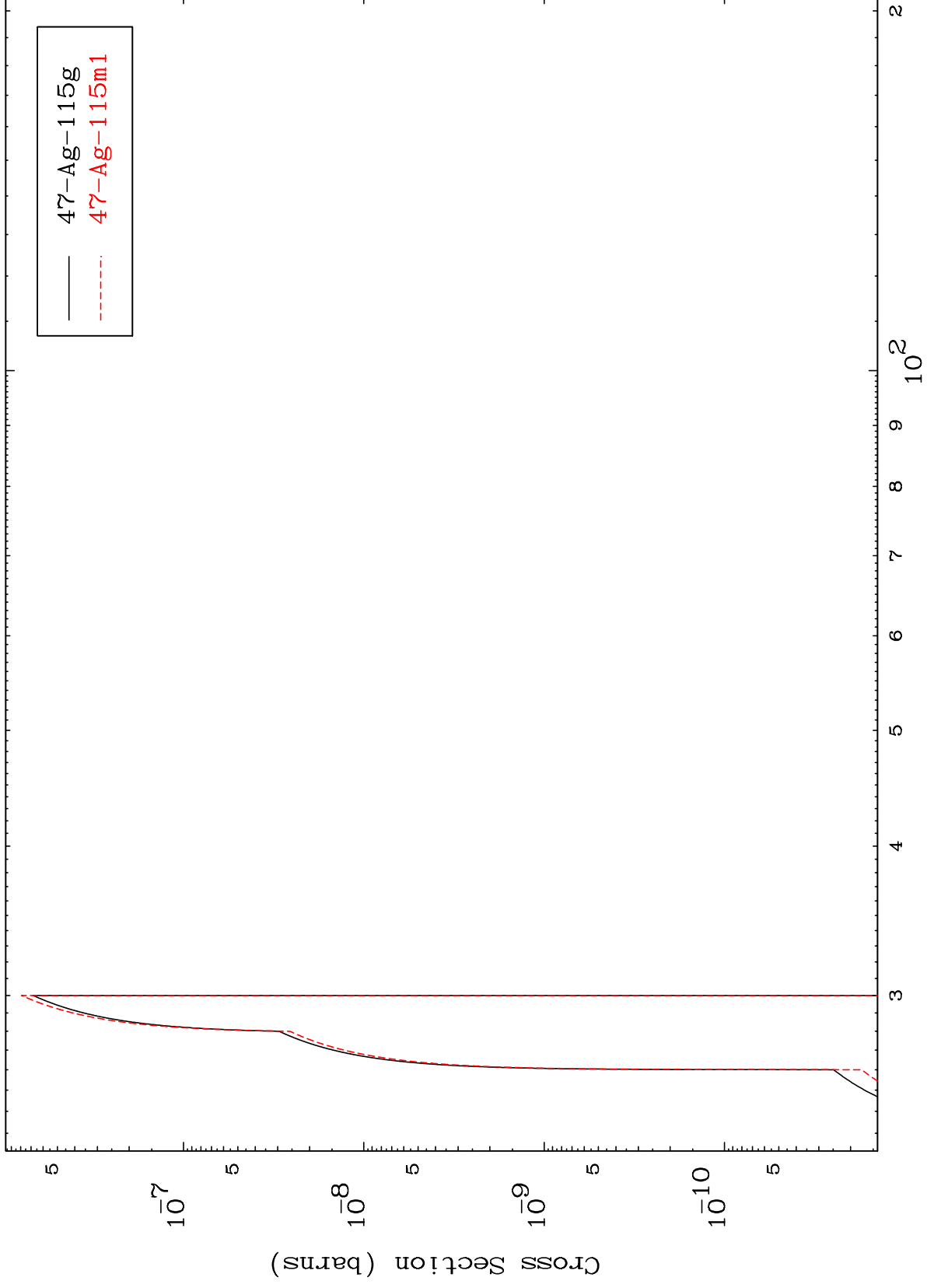
48-Cd-118

MAT 4861

(γ, n') d

48-Cd-118

Radionuclide Production Cross Section



13

Incident Energy (MeV)

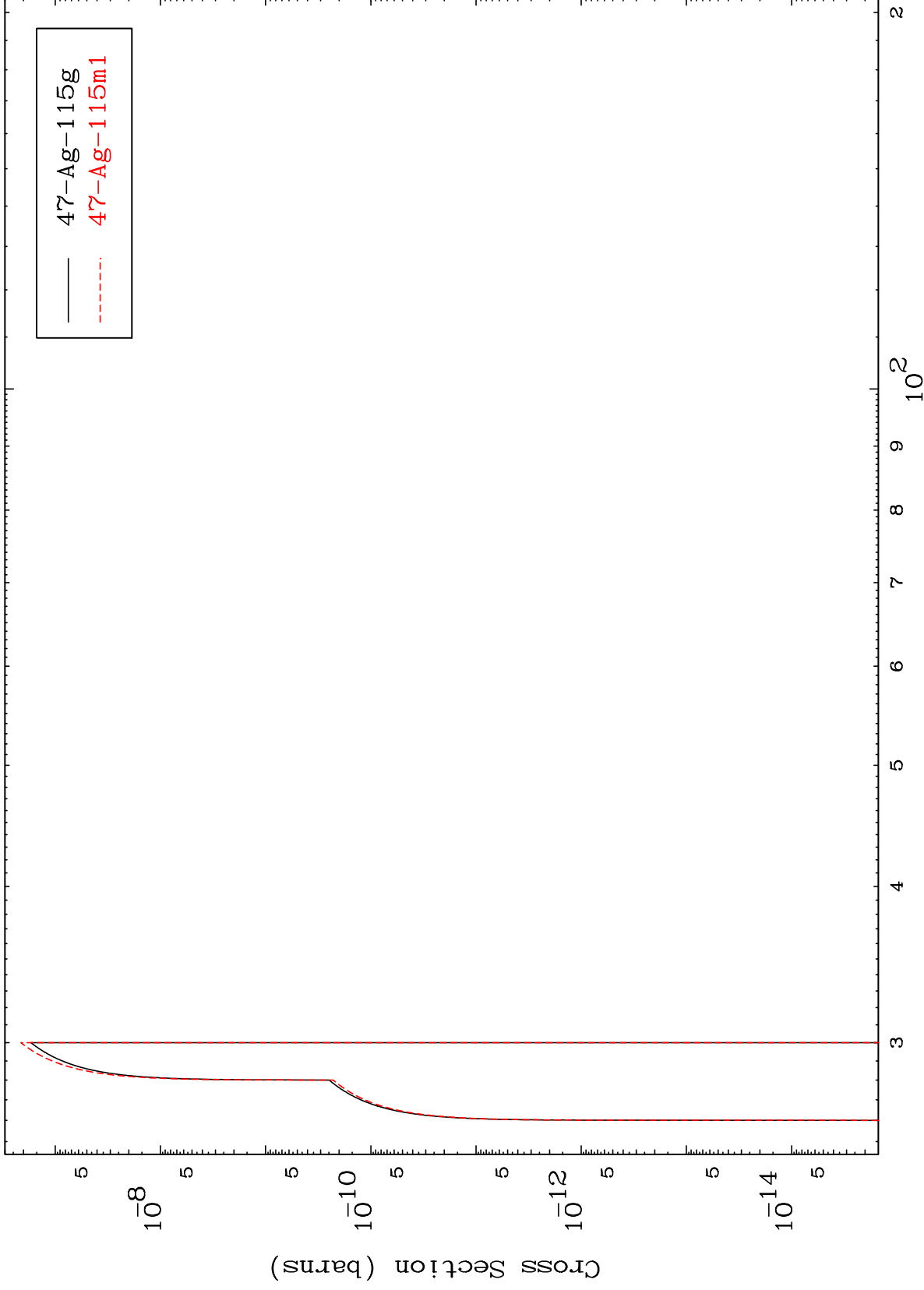
48-Cd-118

MAT 4861

($\gamma, 2n$) p

48-Cd-118

Radionuclide Production Cross Section



14

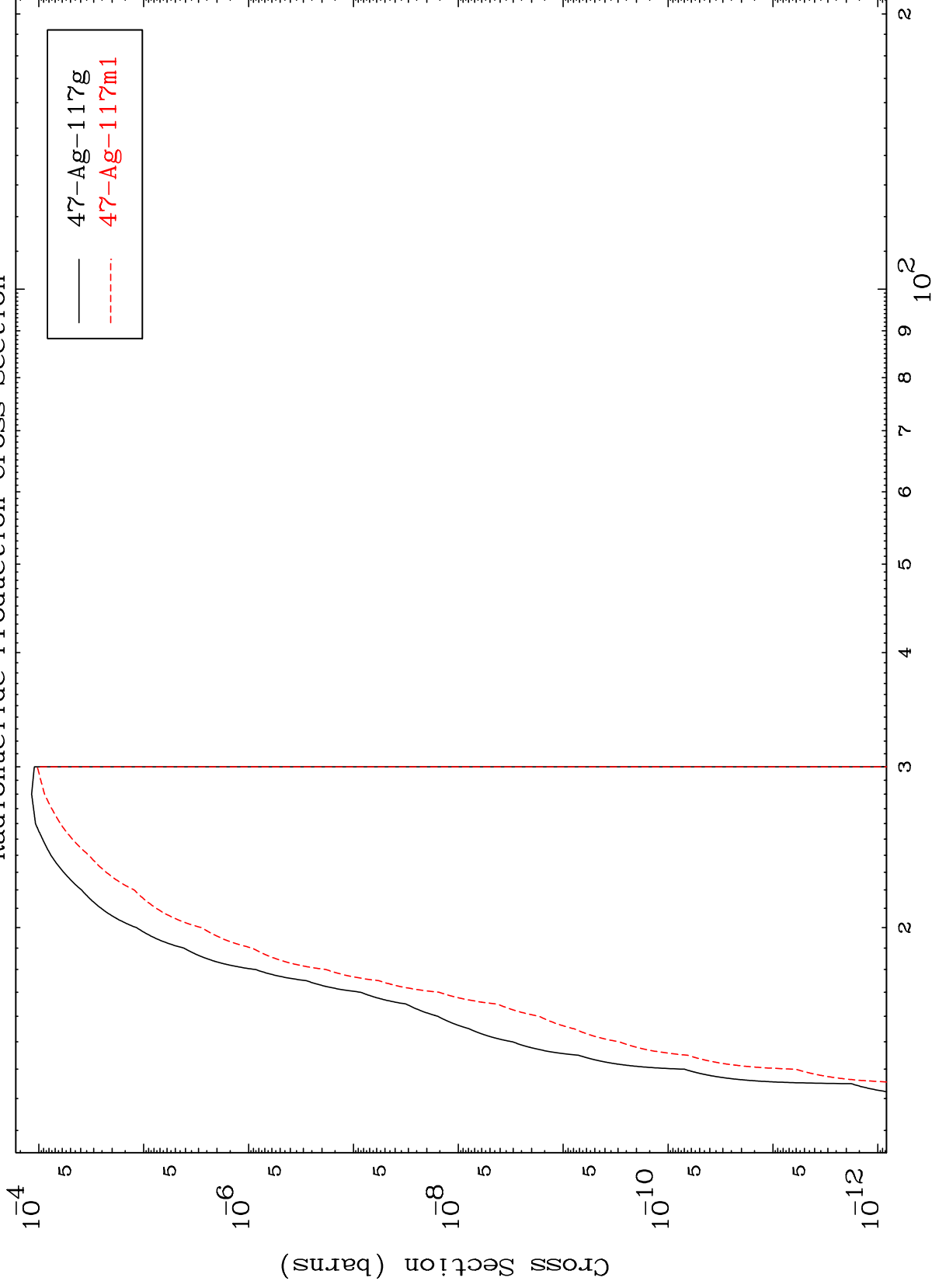
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

(γ, p)
Radionuclide Production Cross Section

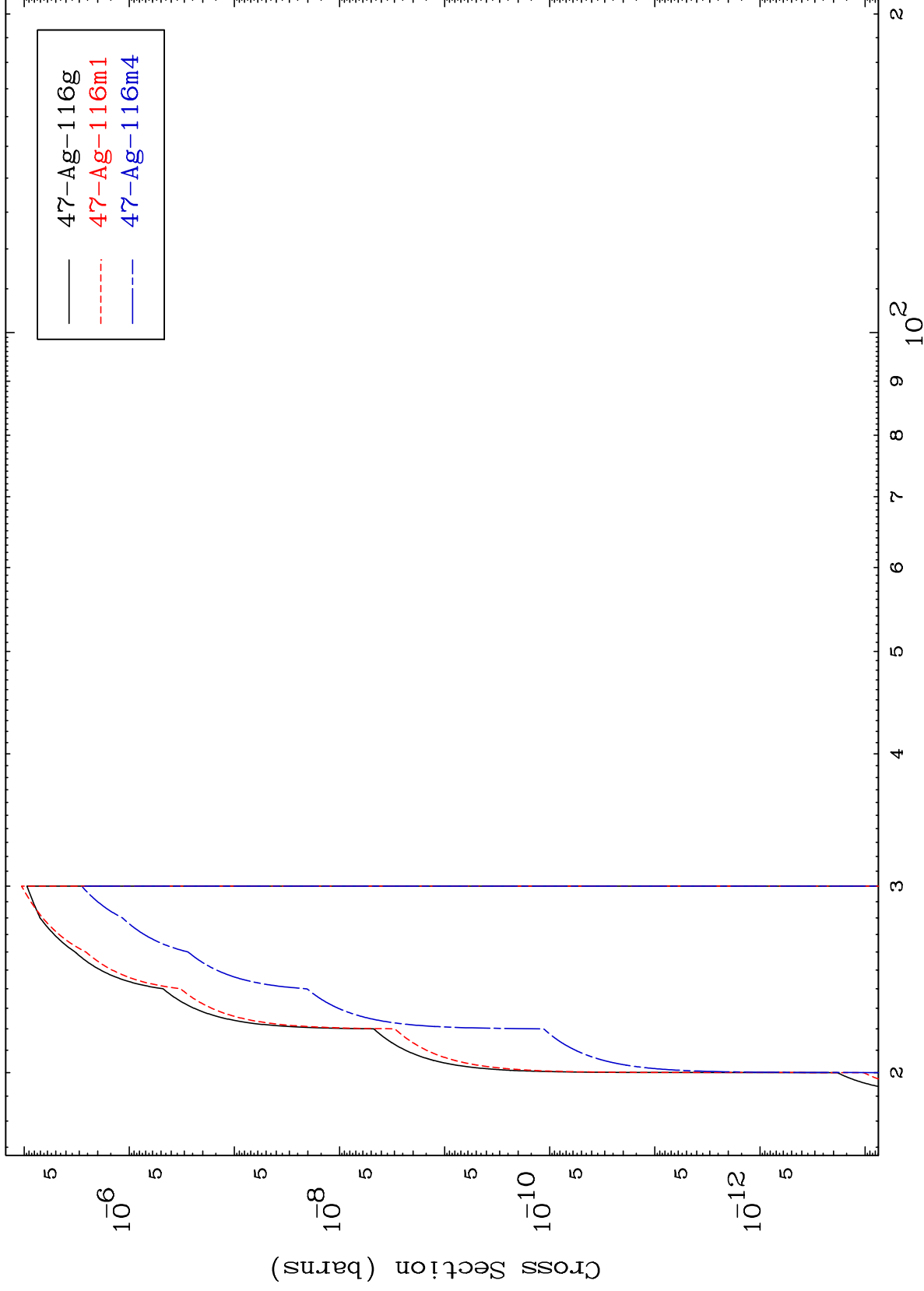


15

Incident Energy (MeV)

48-Cd-118

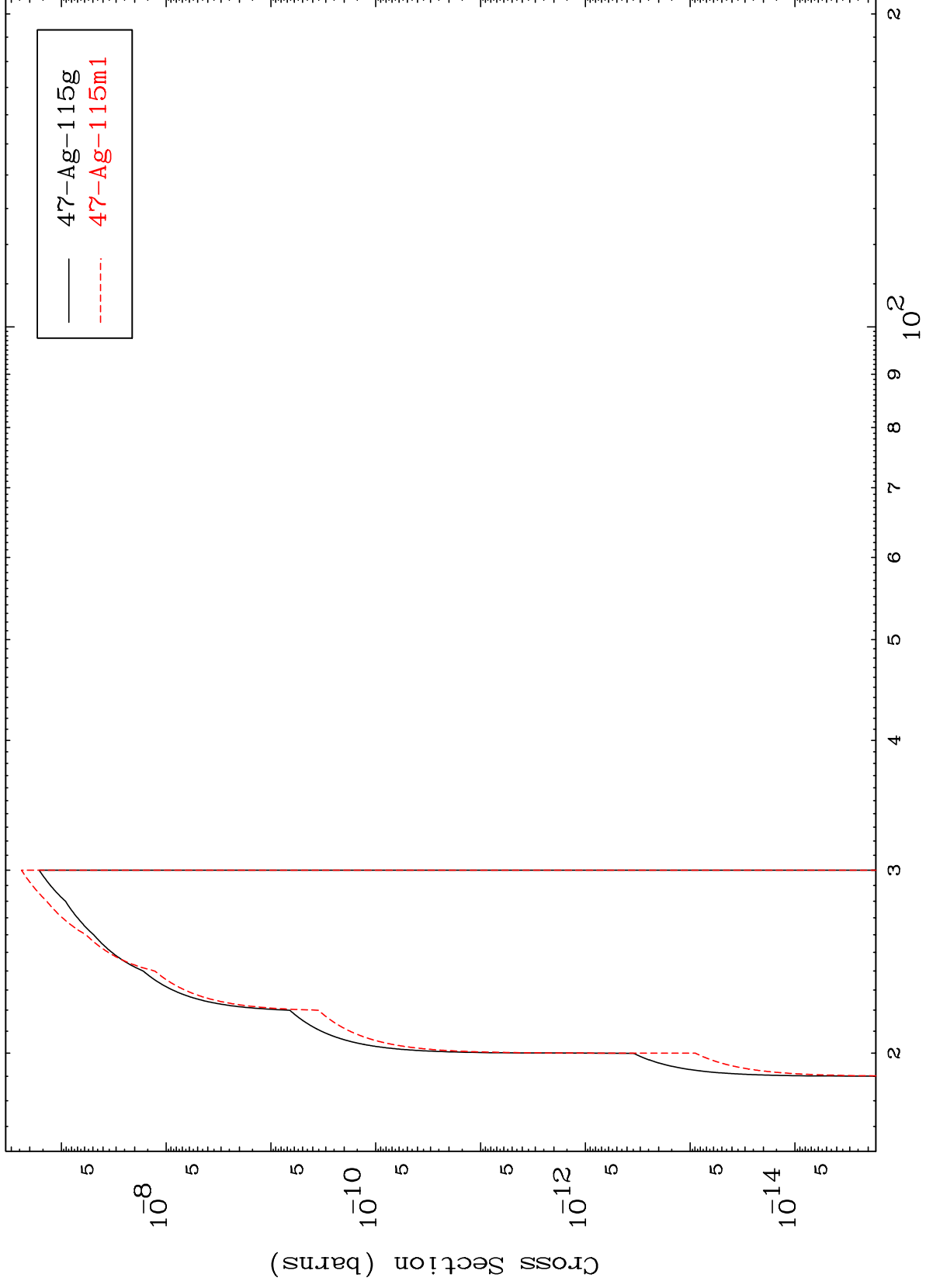
(γ, d)
Radionuclide Production Cross Section



MAT 4861

48-Cd-118

(γ, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

48-Cd-118