

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

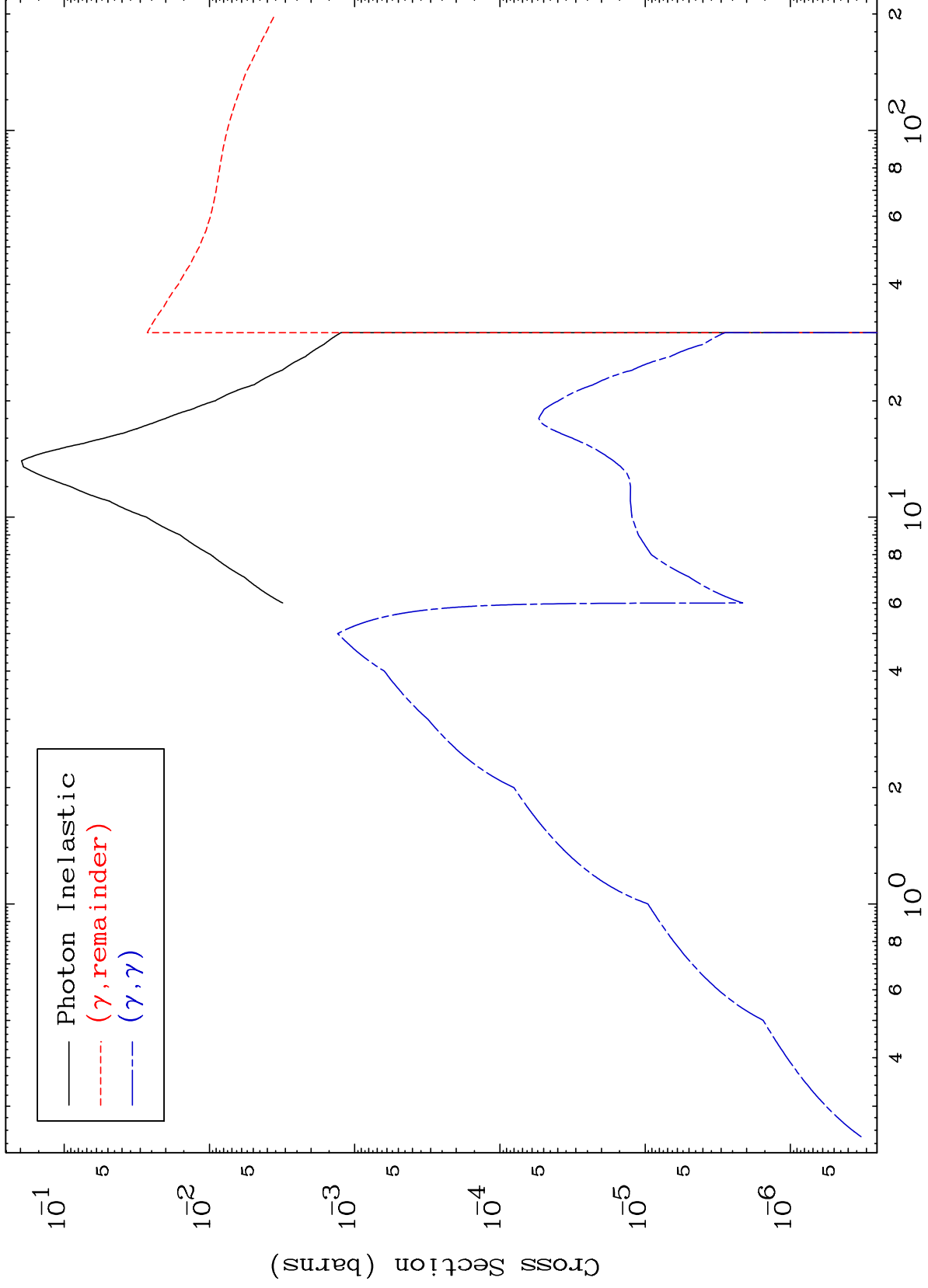
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4864

Photon Major
0 Kelvin Cross Sections

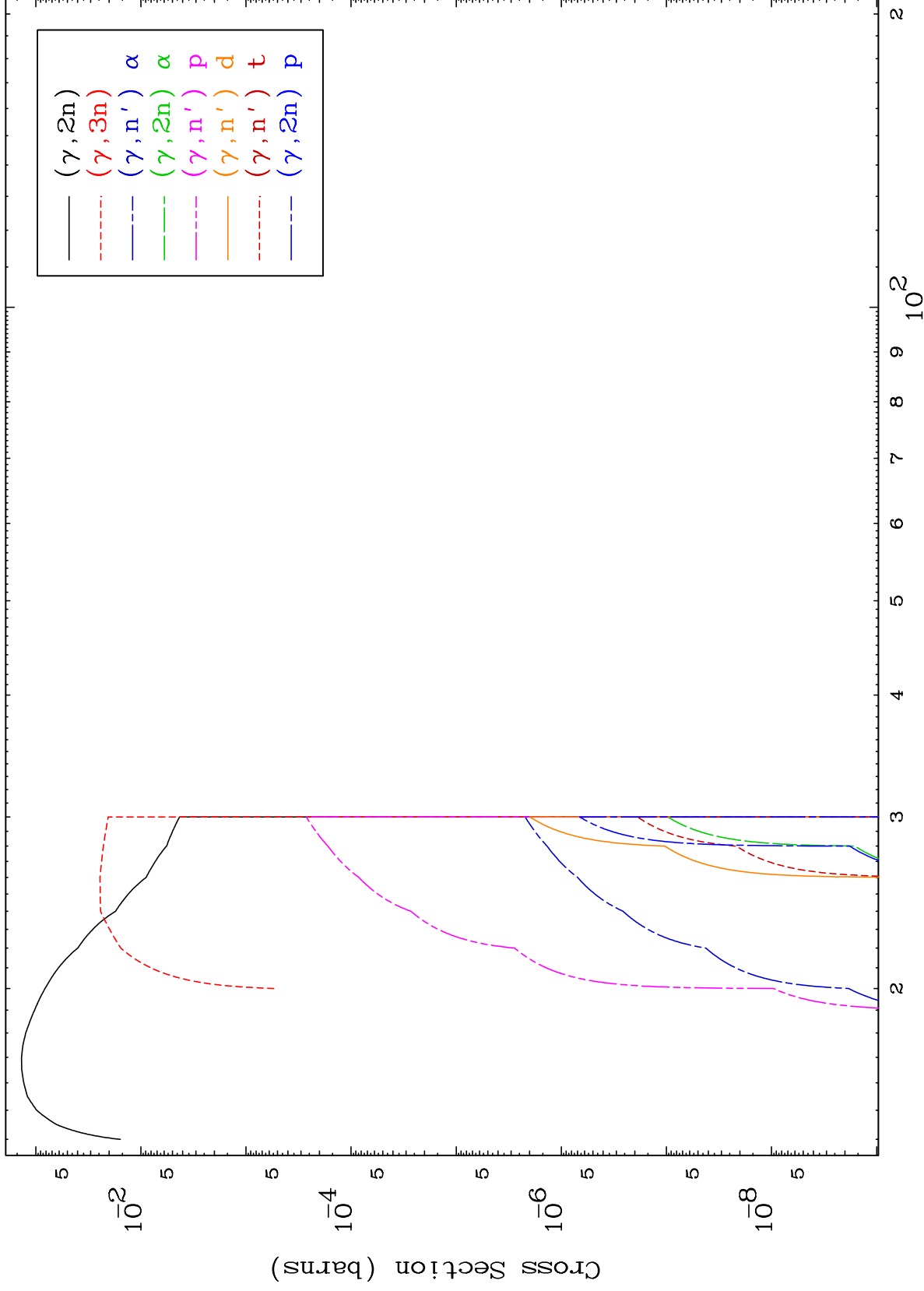
48-Cd-119



1

Incident Energy (MeV)

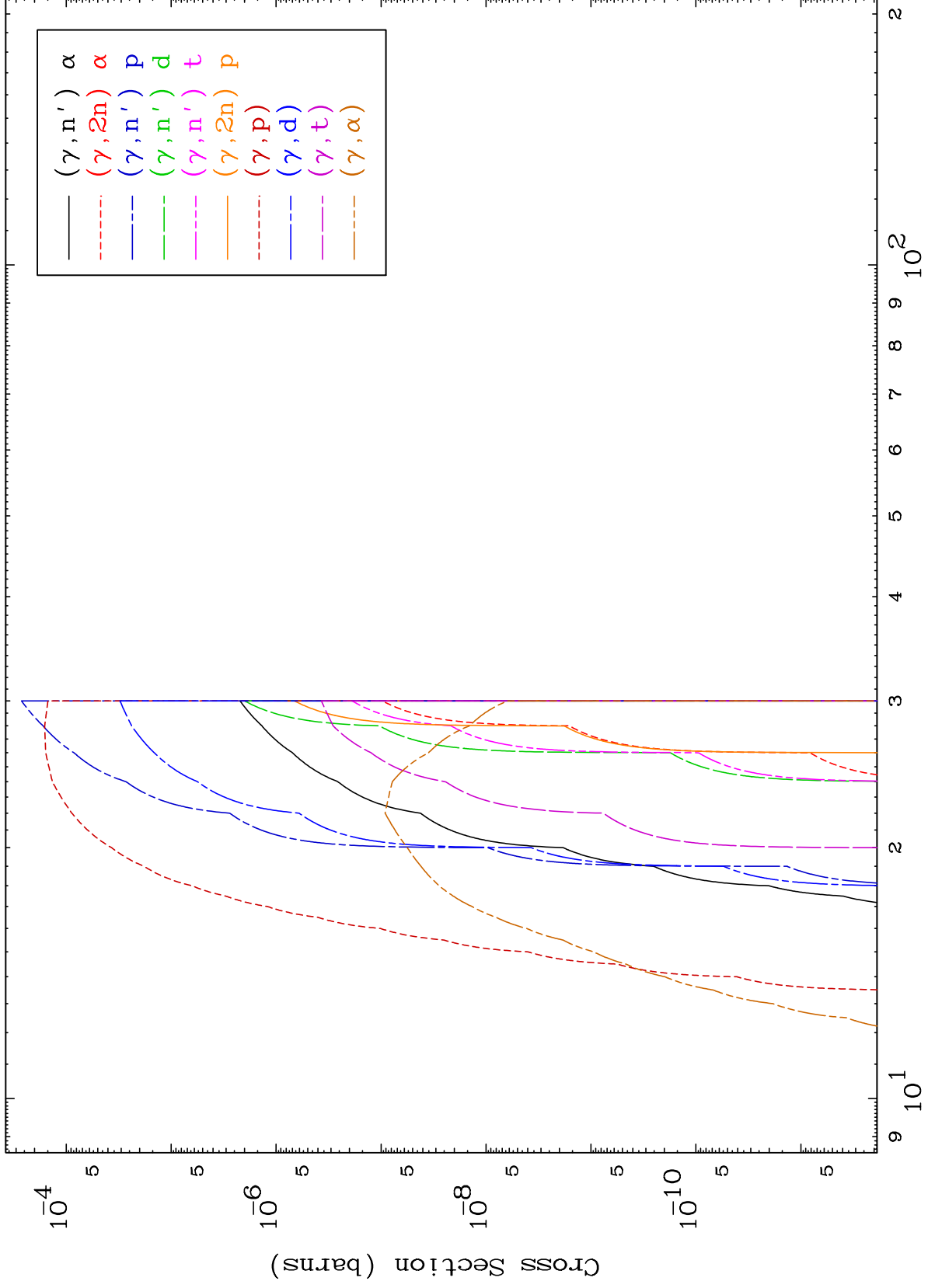
48-Cd-119



MAT 4864

Photon Charged Particle
0 Kelvin Cross Sections

48-Cd-119



48-Cd-119

Incident Energy (MeV)

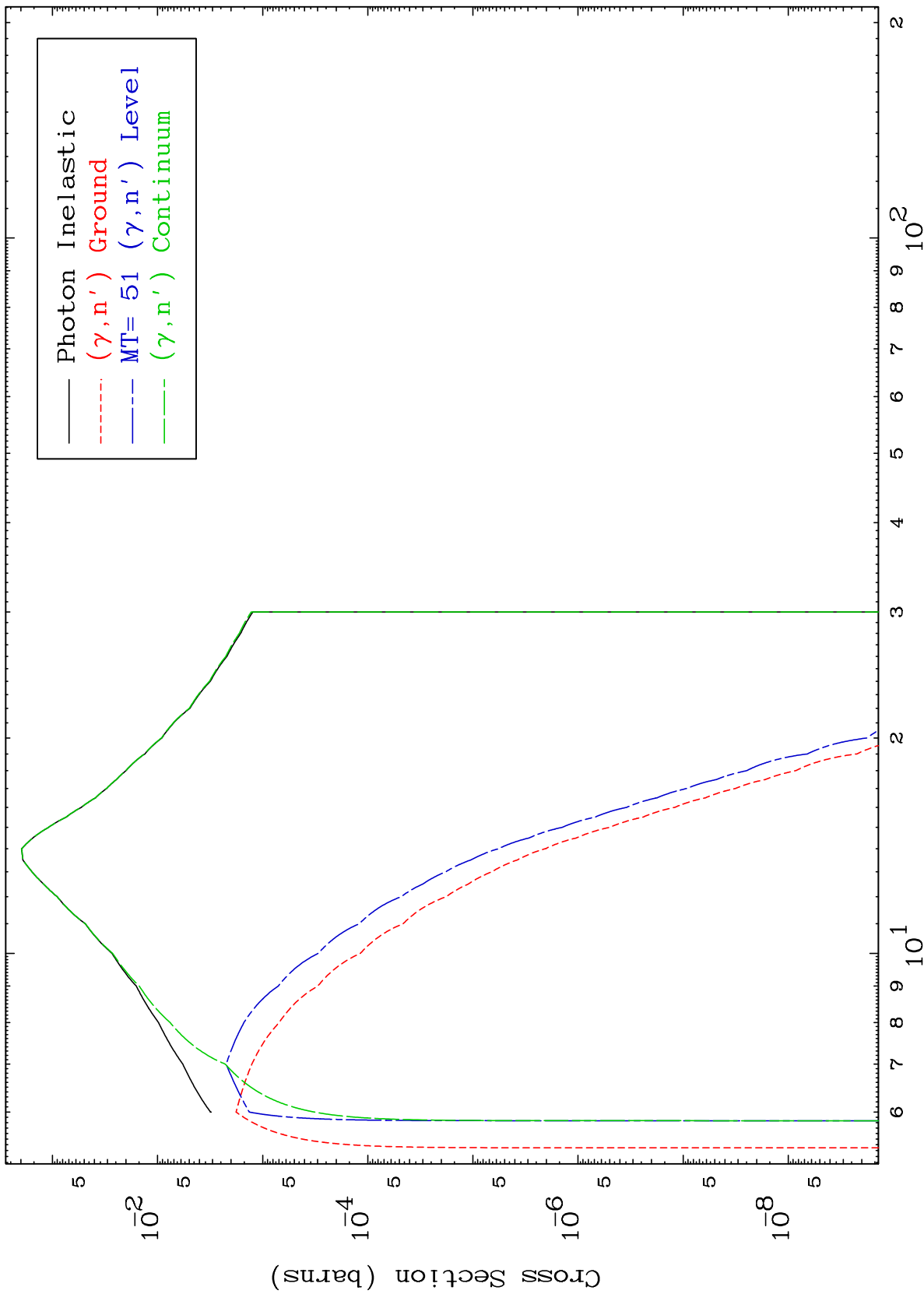
3

MAT 4864

(γ, n') Level

48-Cd-119

0 Kelvin Cross Sections



4

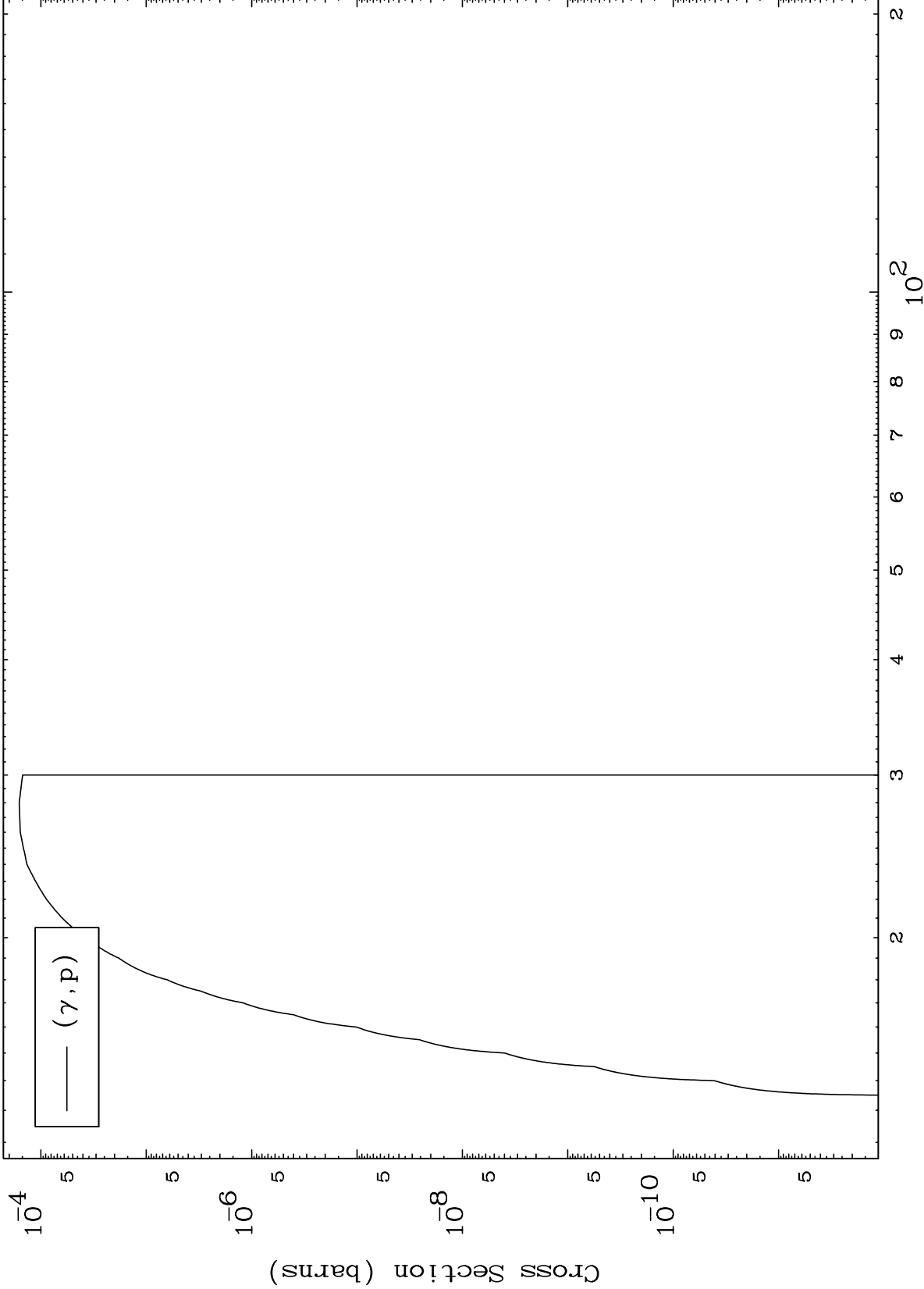
Incident Energy (MeV)

48-Cd-119

MAT 4864

(γ, p) Levels
0 Kelvin Cross Sections

48-Cd-119



Incident Energy (MeV)

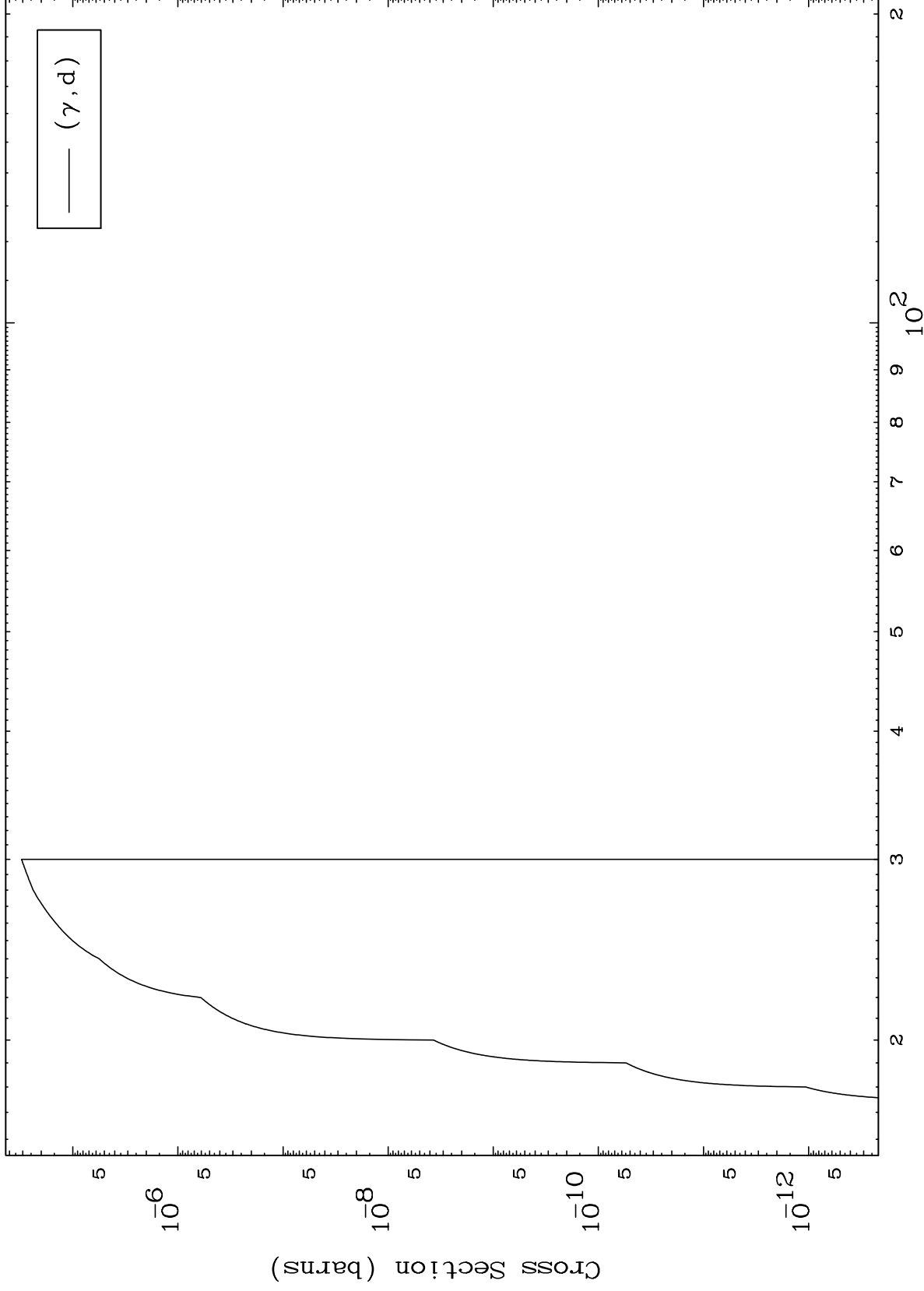
48-Cd-119

5

MAT 4864

(γ, d) Levels
0 Kelvin Cross Sections

48-Cd-119



6

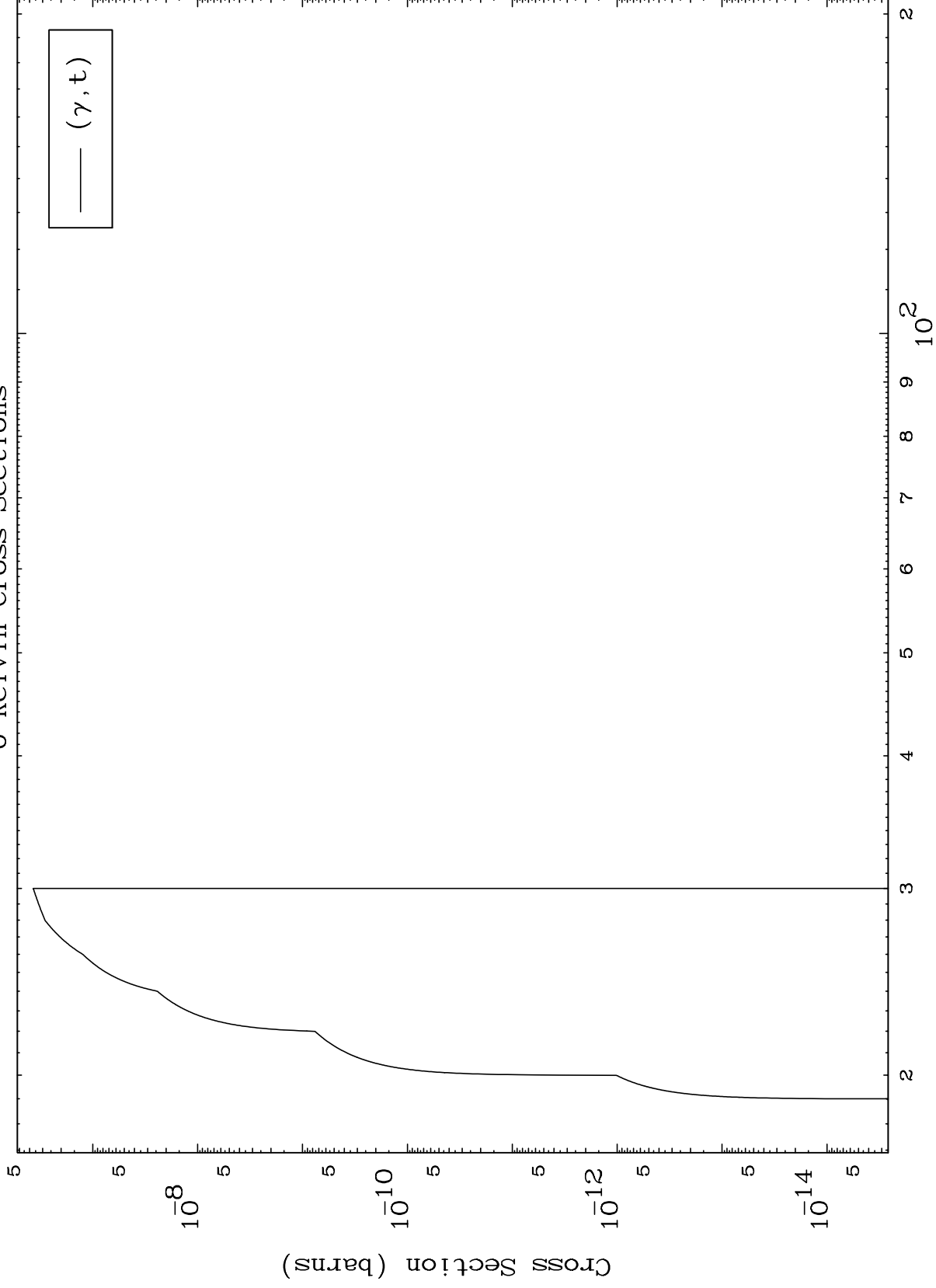
Incident Energy (MeV)

48-Cd-119

MAT 4864

(γ, t) Levels
0 Kelvin Cross Sections

48-Cd-119



7

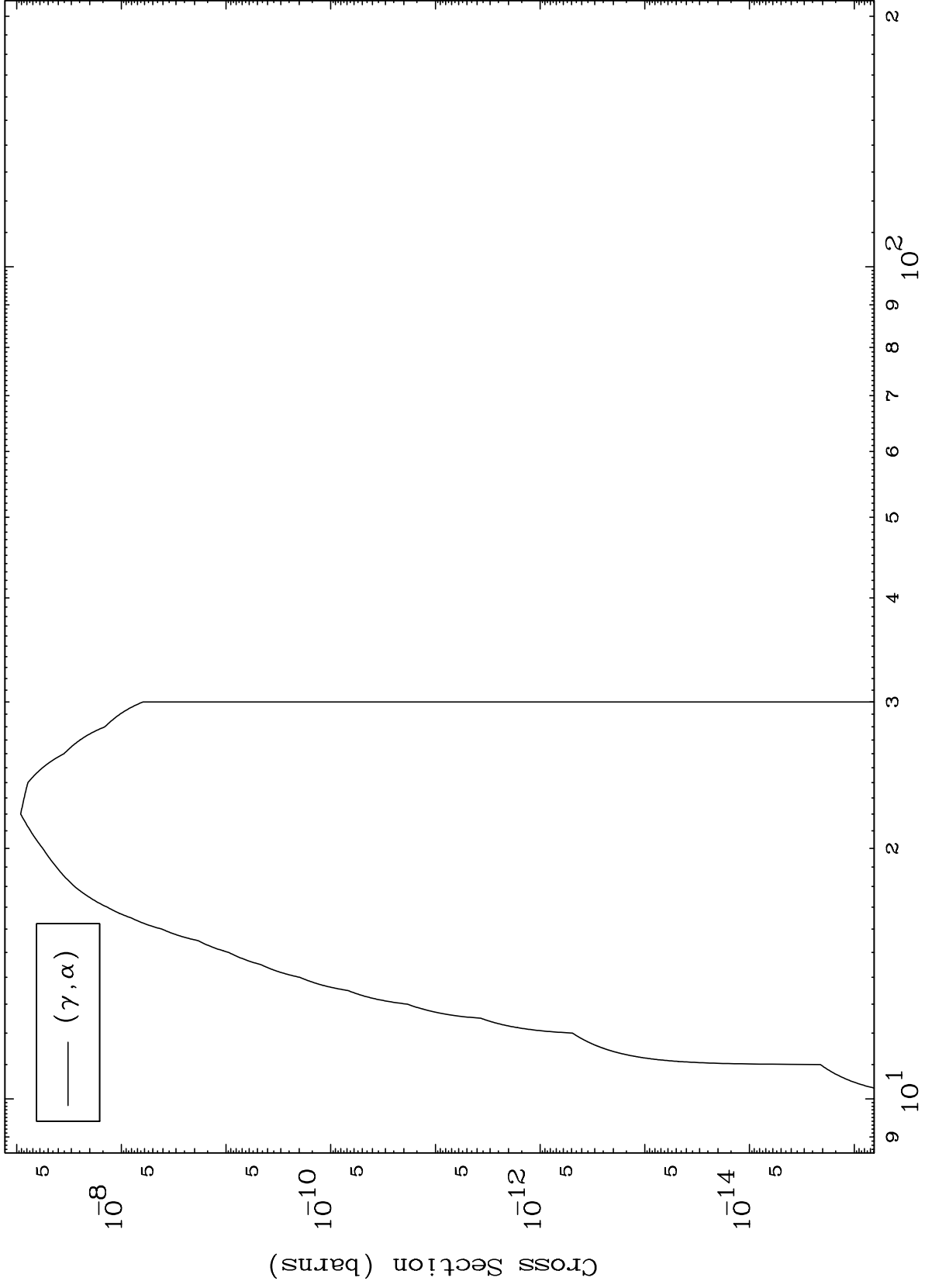
Incident Energy (MeV)

48-Cd-119

MAT 4864

(γ, α) Levels
0 Kelvin Cross Sections

48-Cd-119



Incident Energy (MeV)

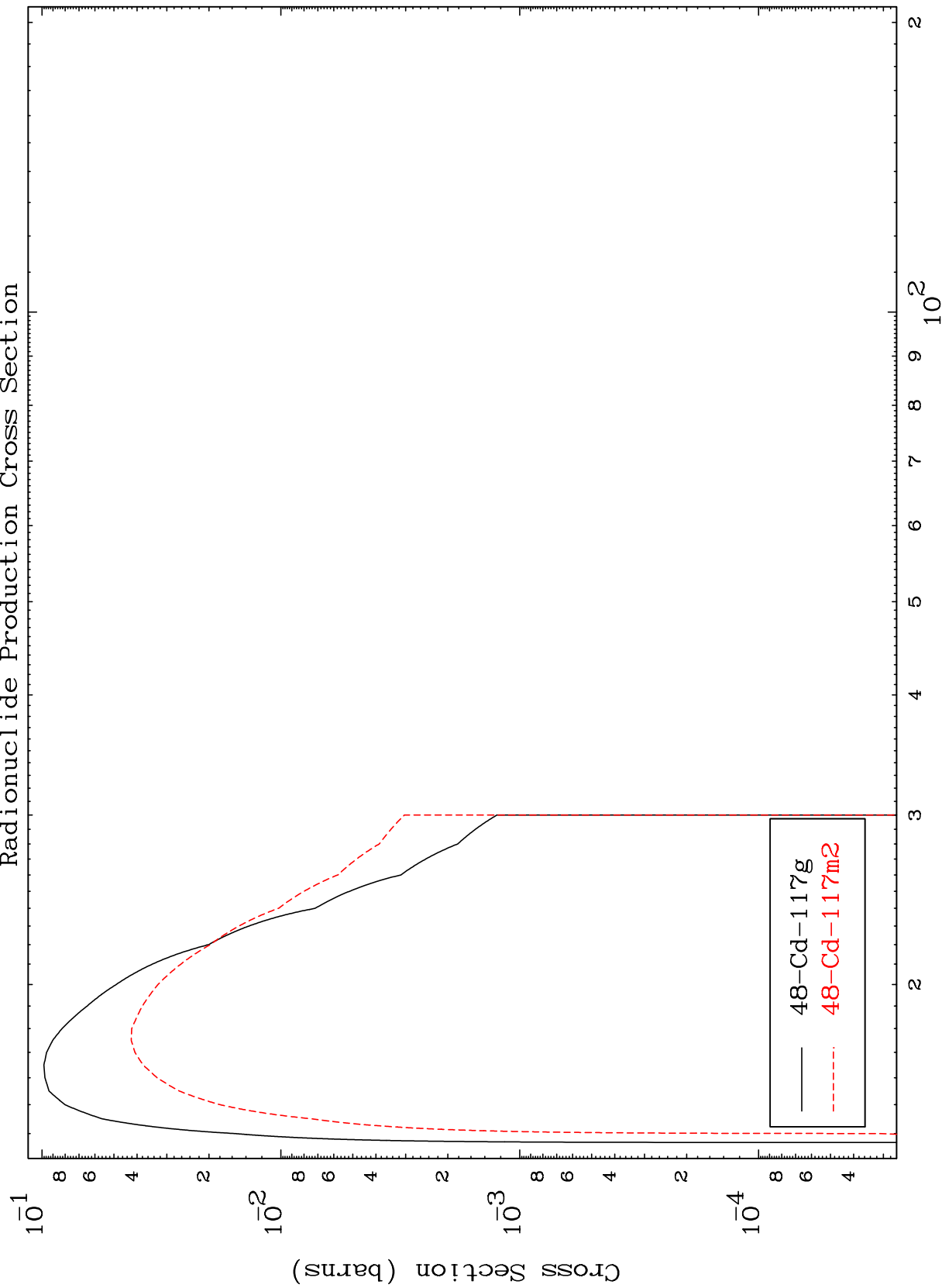
48-Cd-119

8

MAT 4864

48-Cd-119

($\gamma, 2n$)
Radionuclide Production Cross Section



48-Cd-119

Incident Energy (MeV)

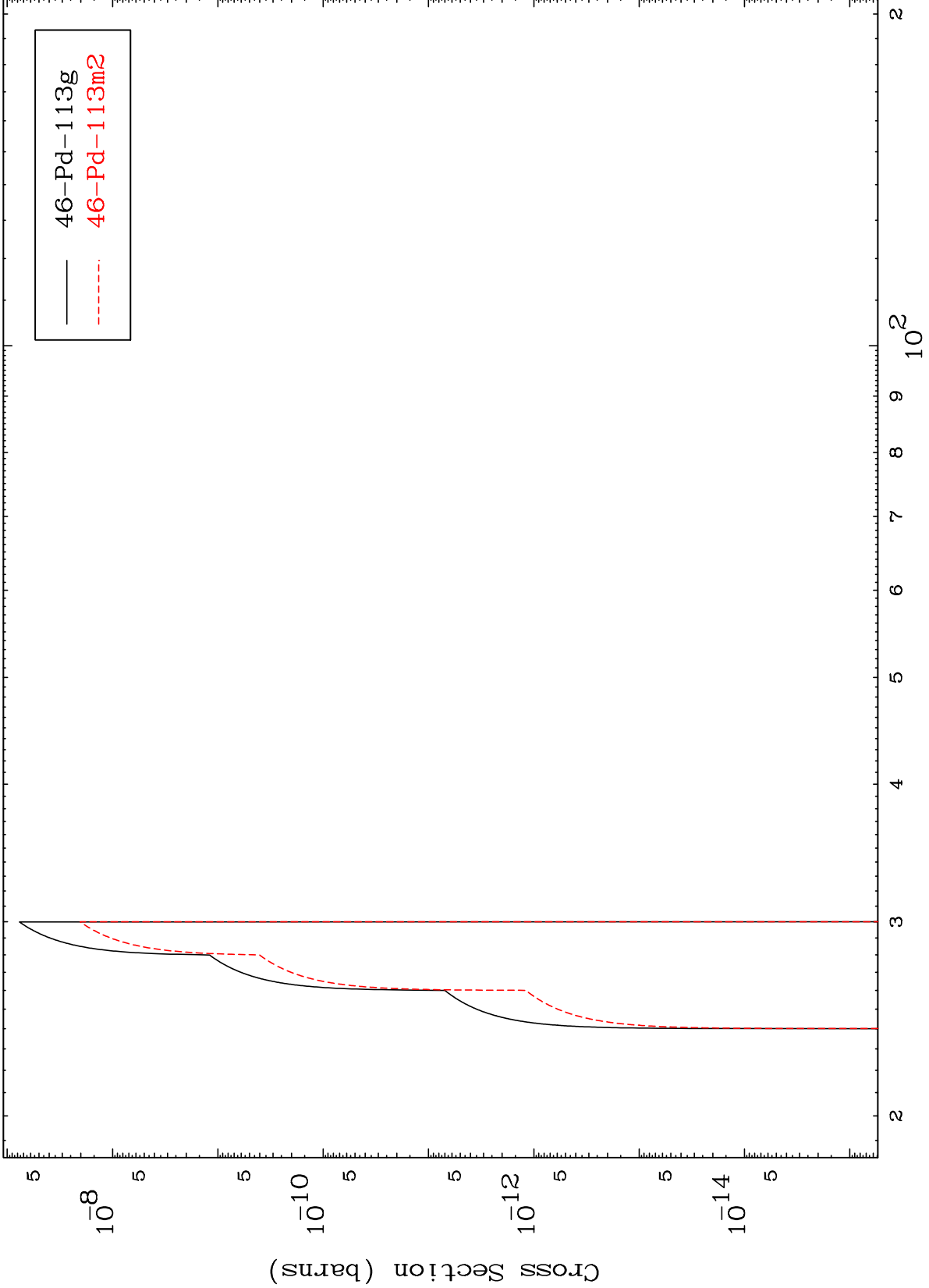
9

MAT 4864

$(\gamma, 2n) \alpha$

48-Cd-119

Radionuclide Production Cross Section



10

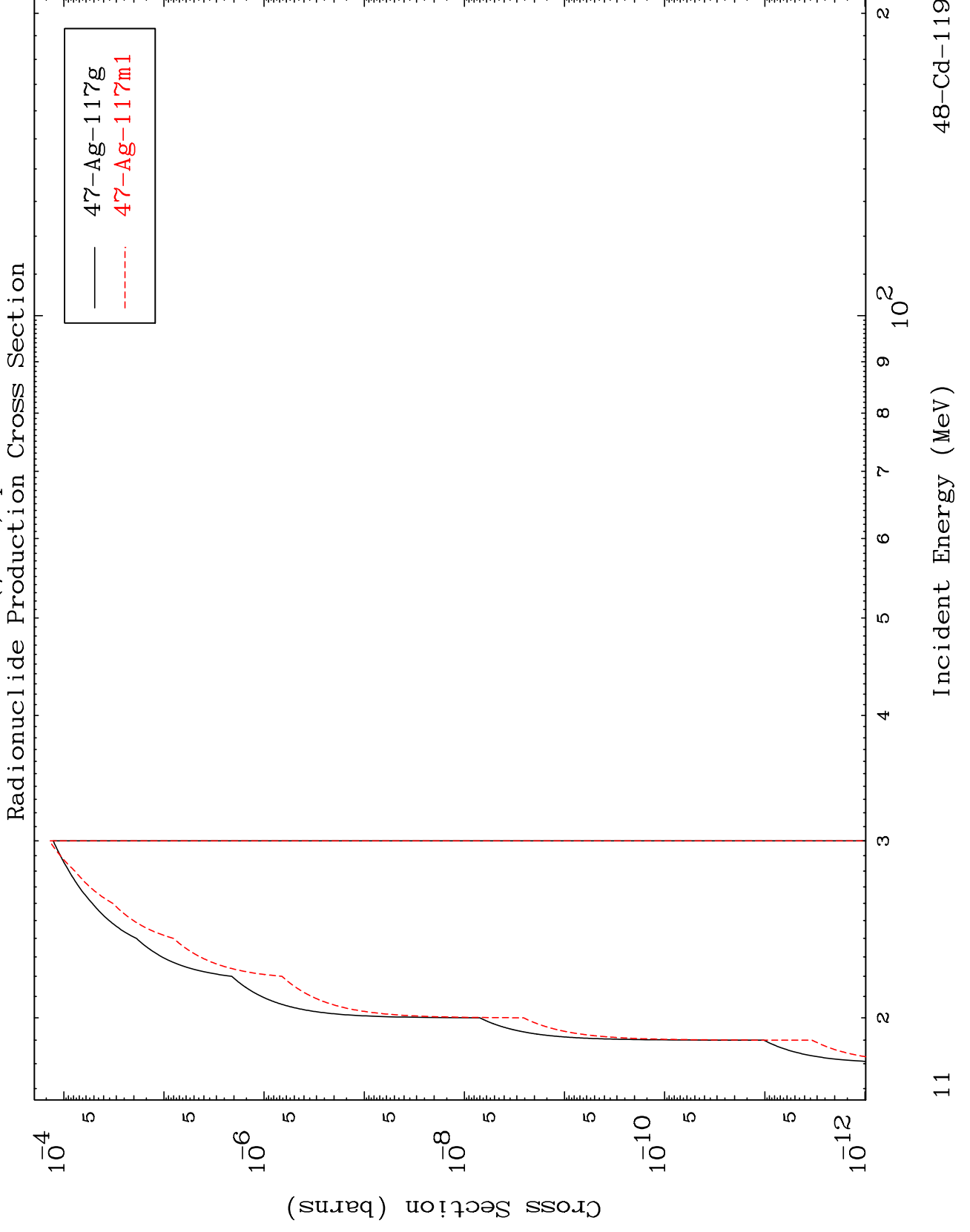
Incident Energy (MeV)

48-Cd-119

MAT 4864

(γ, n') p

48-Cd-119

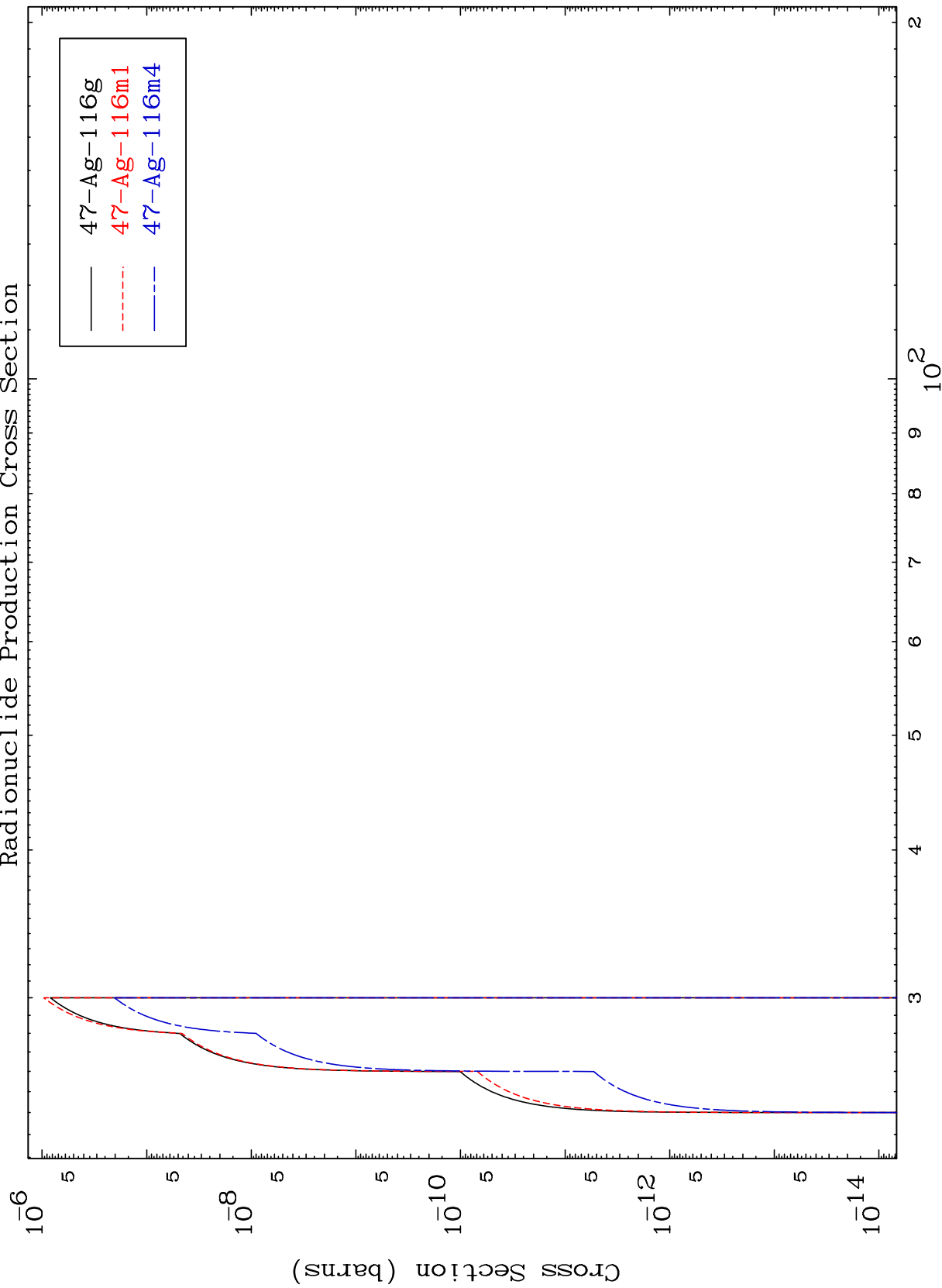


MAT 4864

(γ, n') d

48-Cd-119

Radionuclide Production Cross Section



12

Incident Energy (MeV)

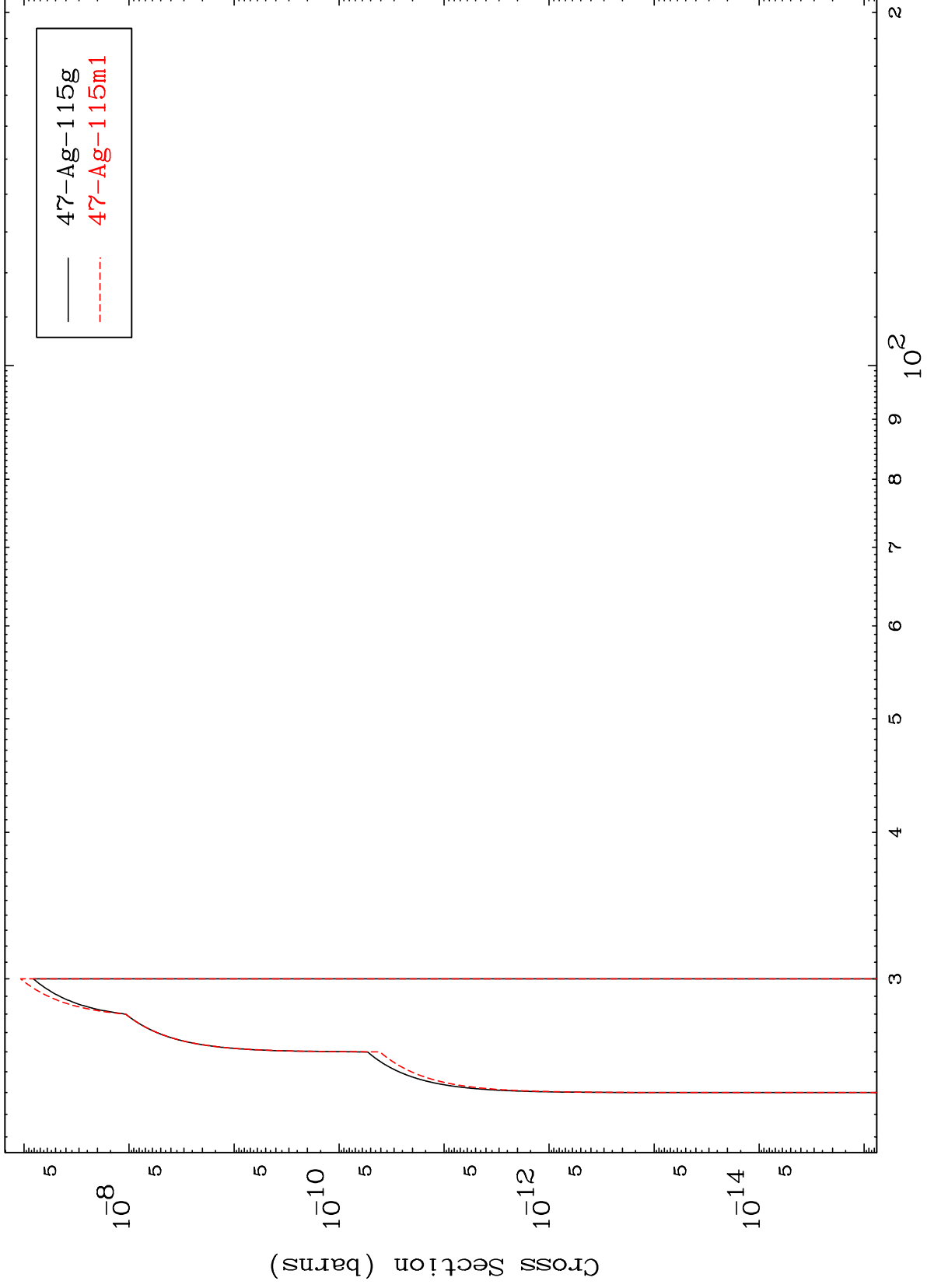
48-Cd-119

MAT 4864

(γ, n') t

48-Cd-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

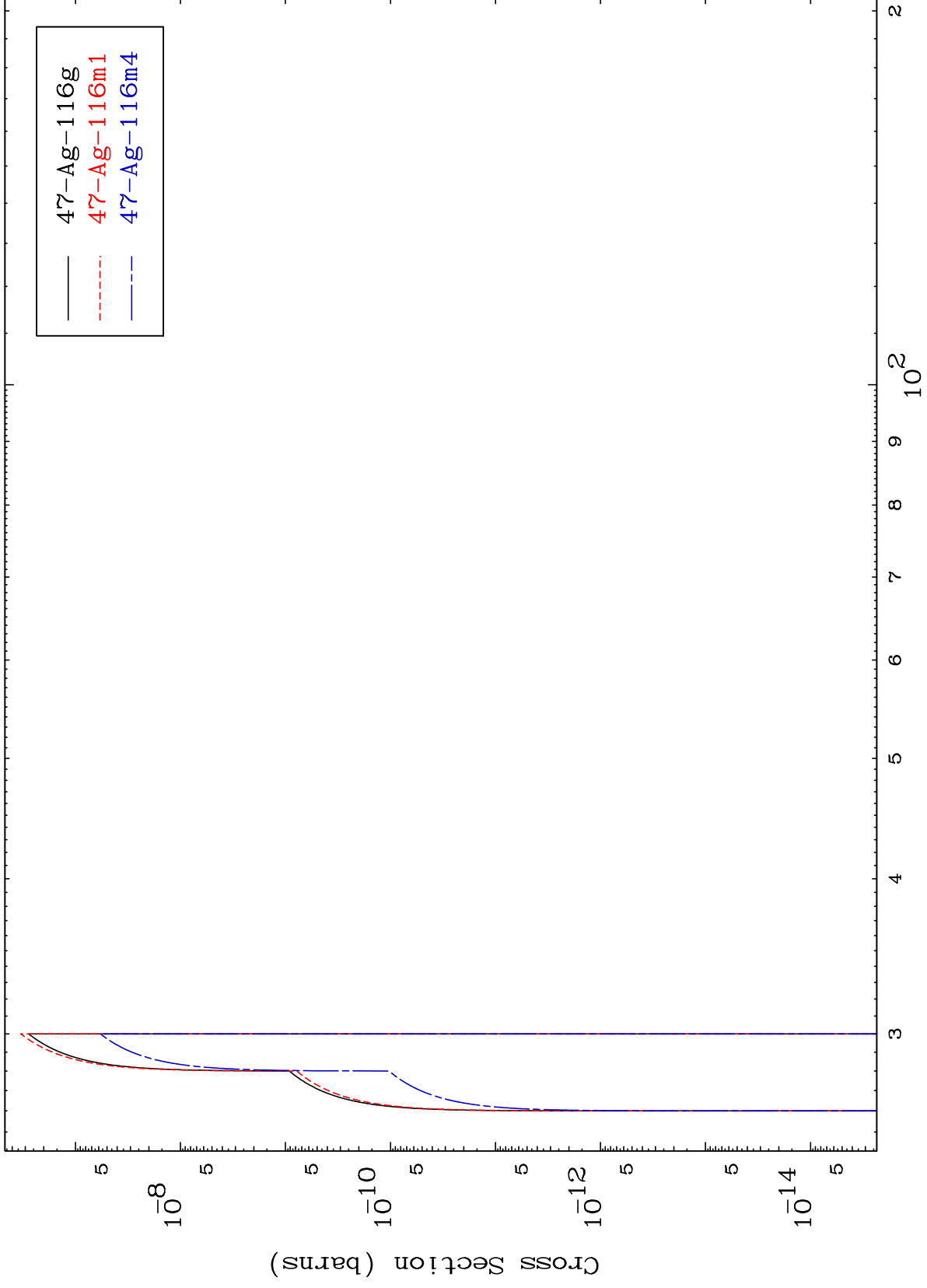
48-Cd-119

MAT 4864

$(\gamma, 2n)$ p

48-Cd-119

Radionuclide Production Cross Section



14

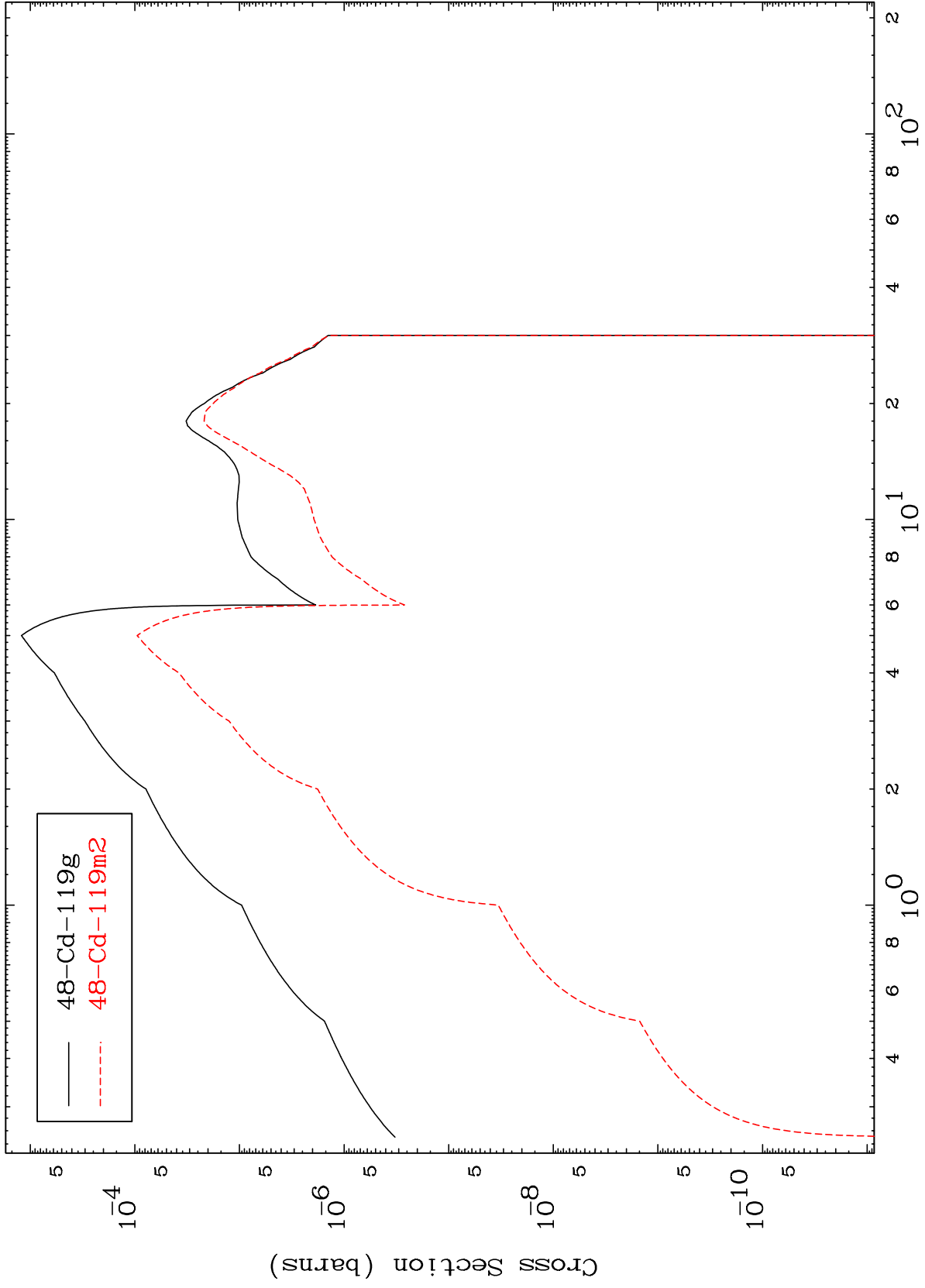
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(γ, γ)
Radionuclide Production Cross Section



15

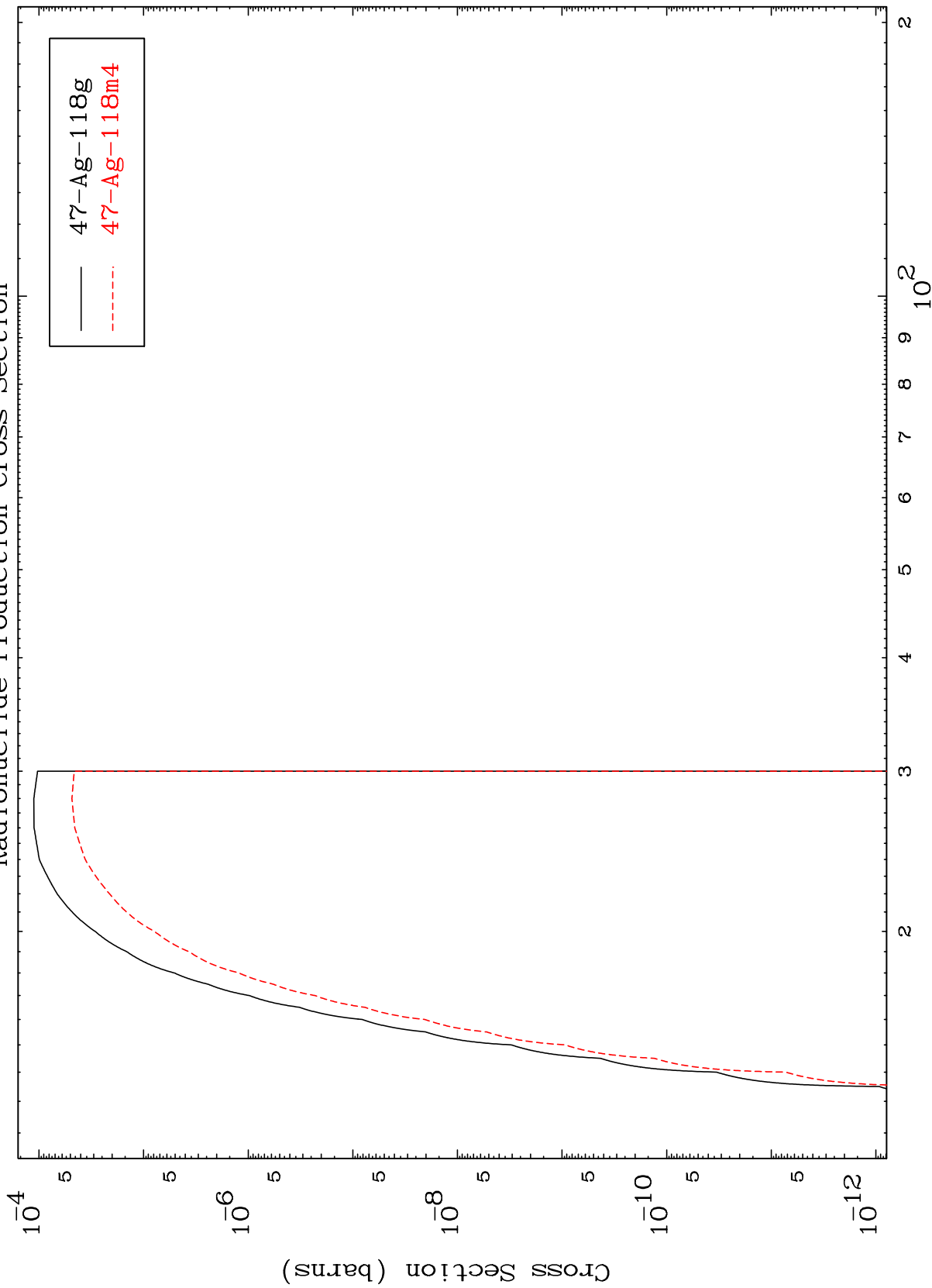
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(γ, p)
Radionuclide Production Cross Section



16

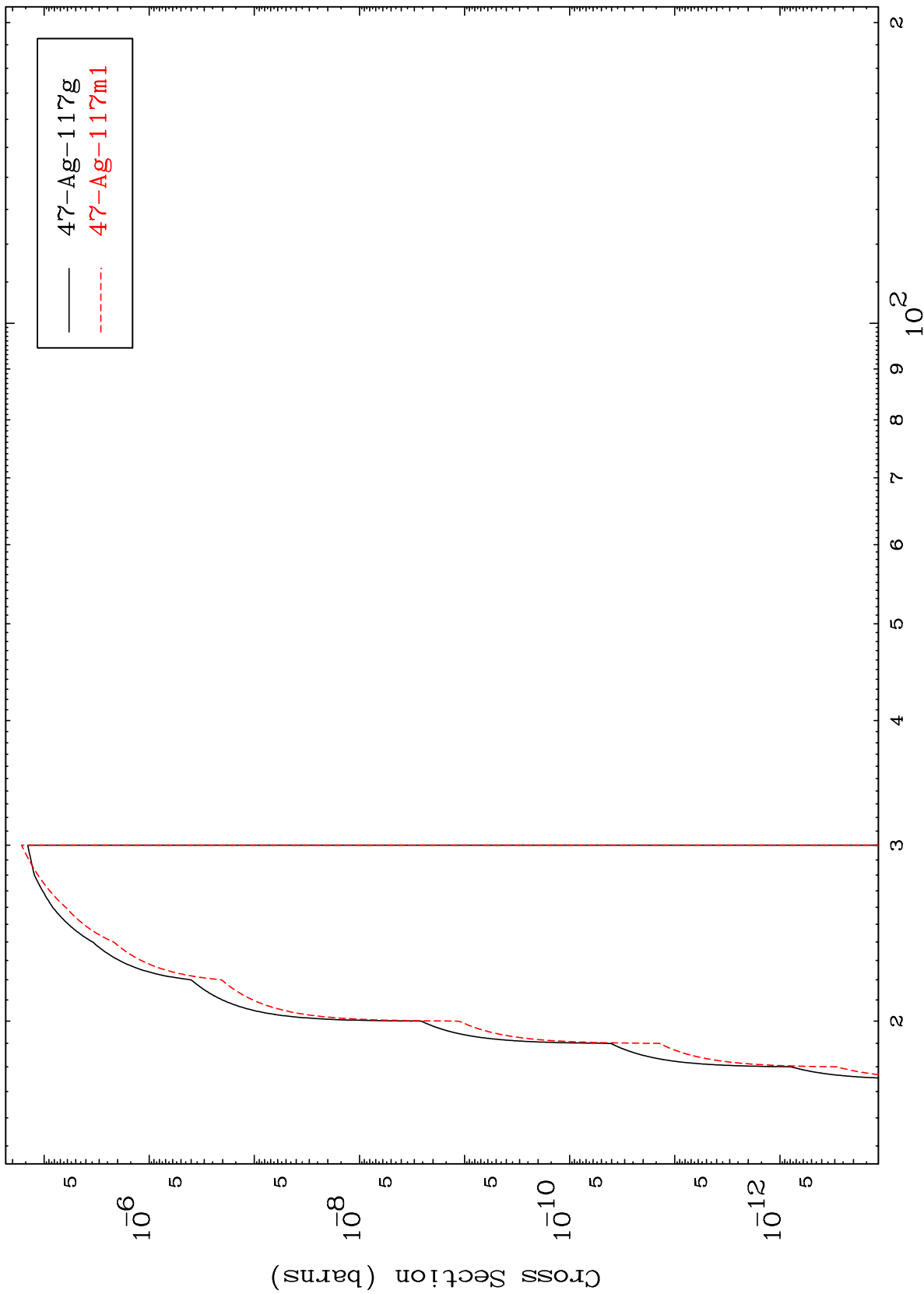
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(γ, d)
Radionuclide Production Cross Section



17

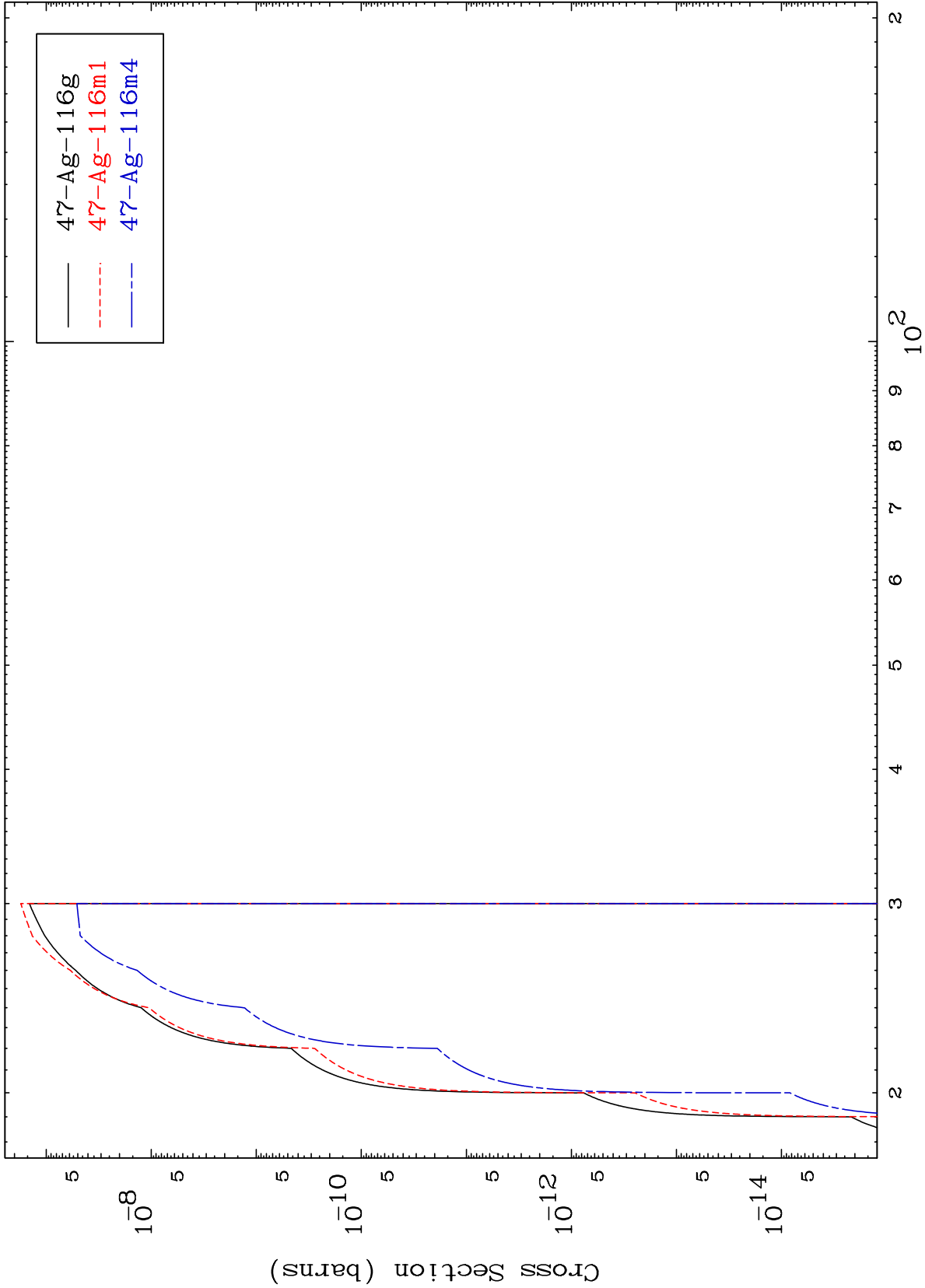
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(γ, t)
Radionuclide Production Cross Section



18

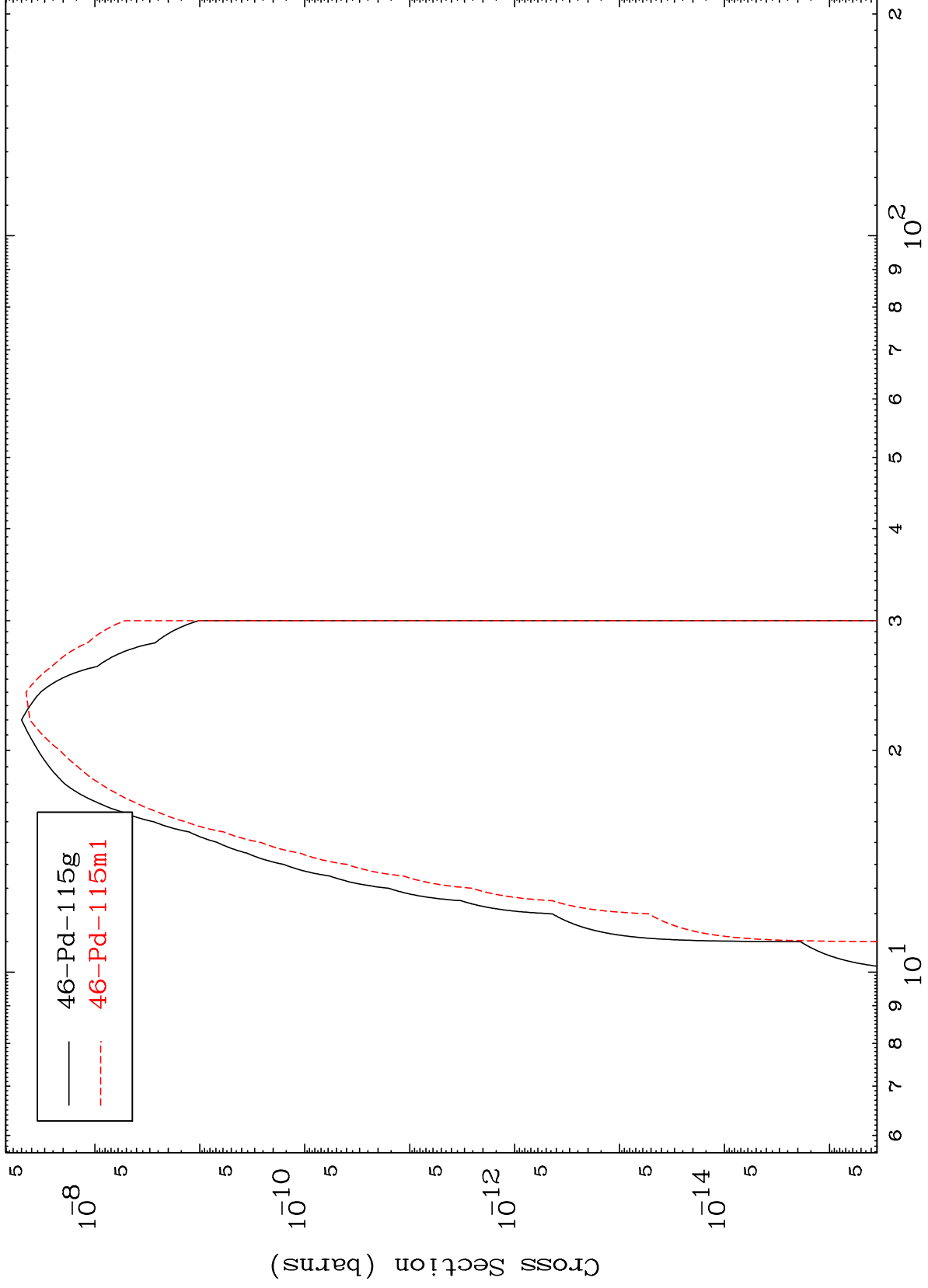
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

Radionuclide Production Cross Section
(γ, α)



19

Incident Energy (MeV)

48-Cd-119