

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

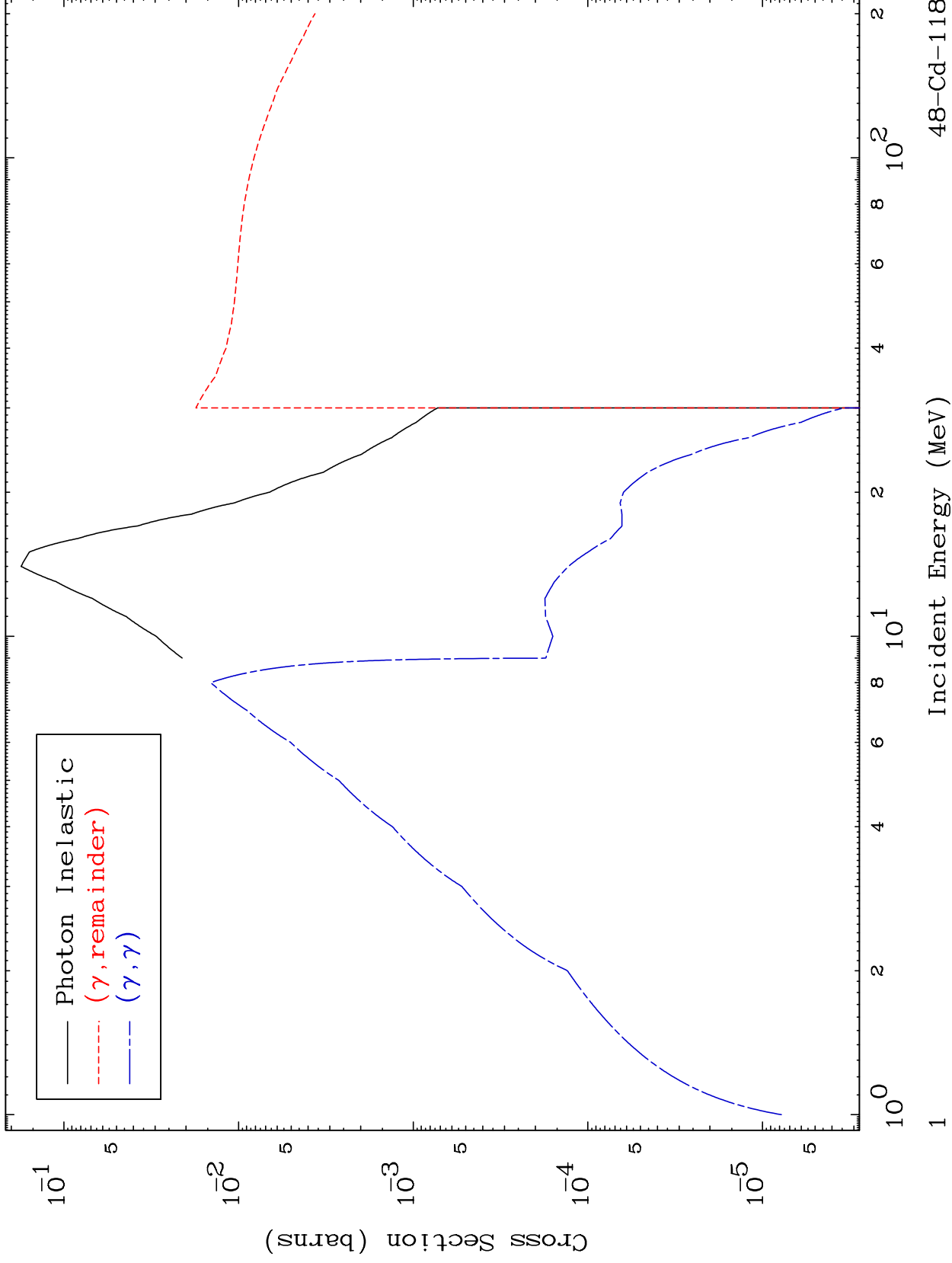
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4861

Photon Major  
0 Kelvin Cross Sections

48-Cd-118



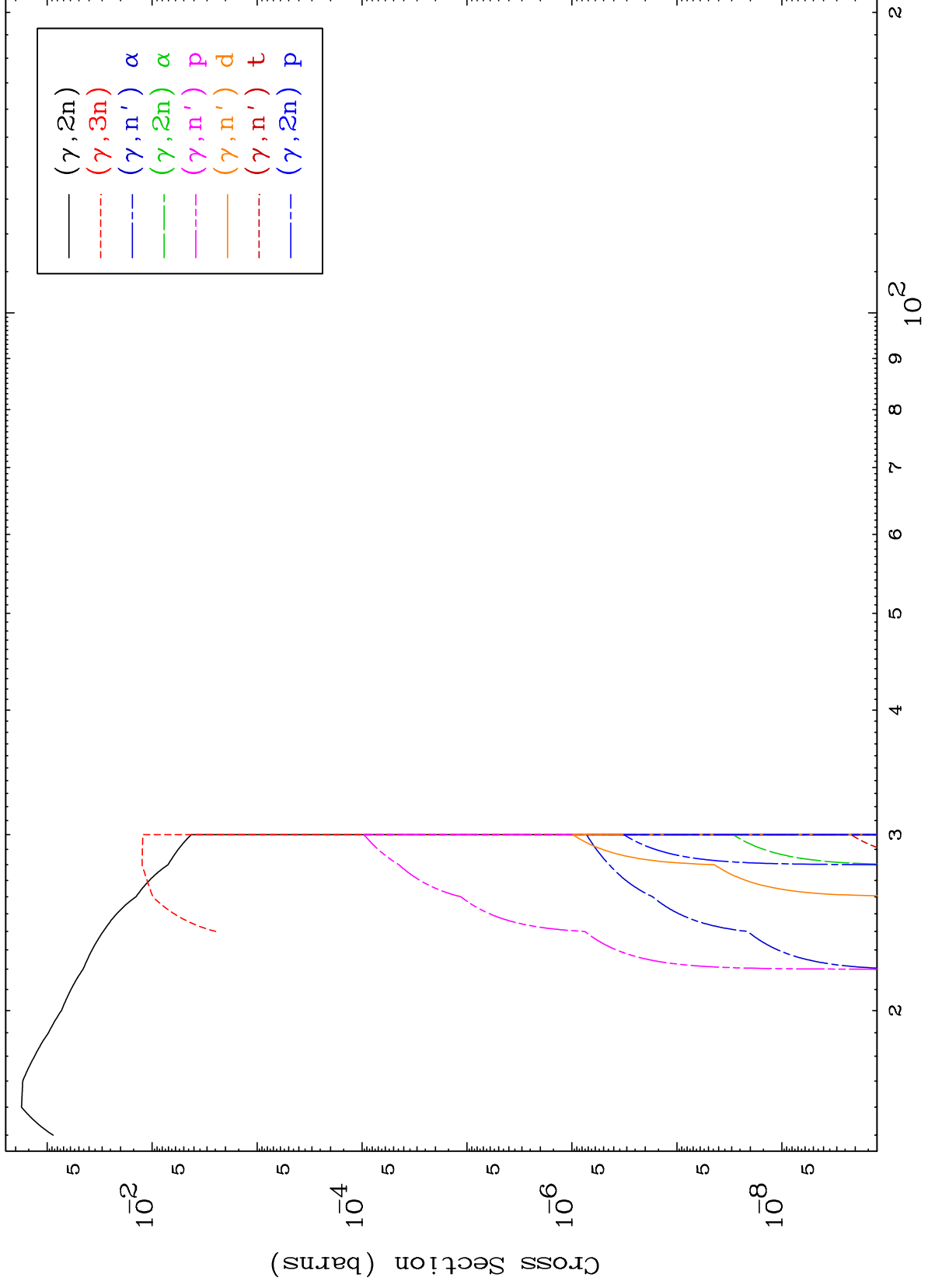
48-Cd-118

Incident Energy (MeV)

MAT 4861

Photon Neutron Production  
0 Kelvin Cross Sections

48-Cd-118



2

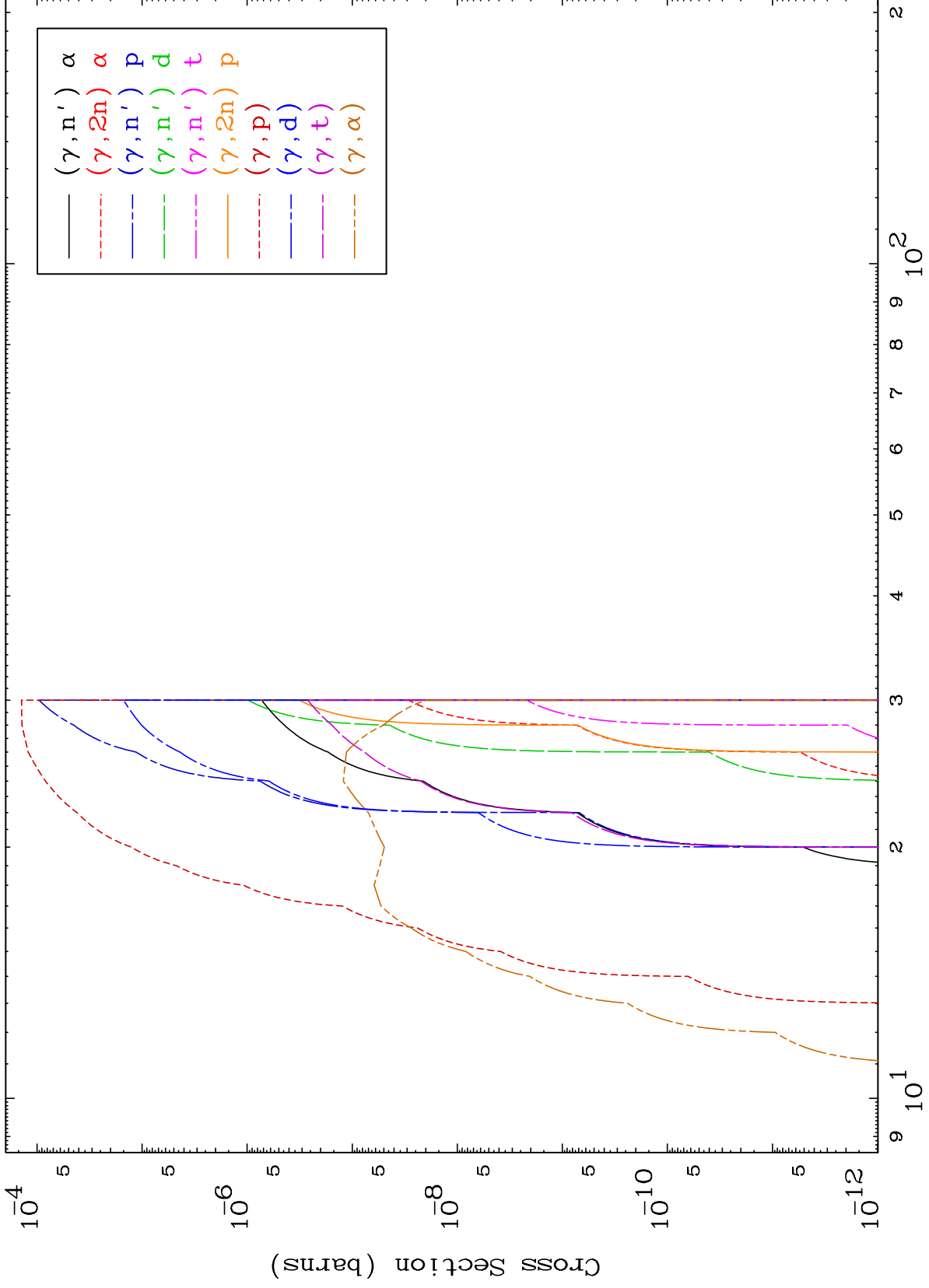
Incident Energy (MeV)

48-Cd-118

MAT 4861

Photon Charged Particle  
0 Kelvin Cross Sections

48-Cd-118



48-Cd-118

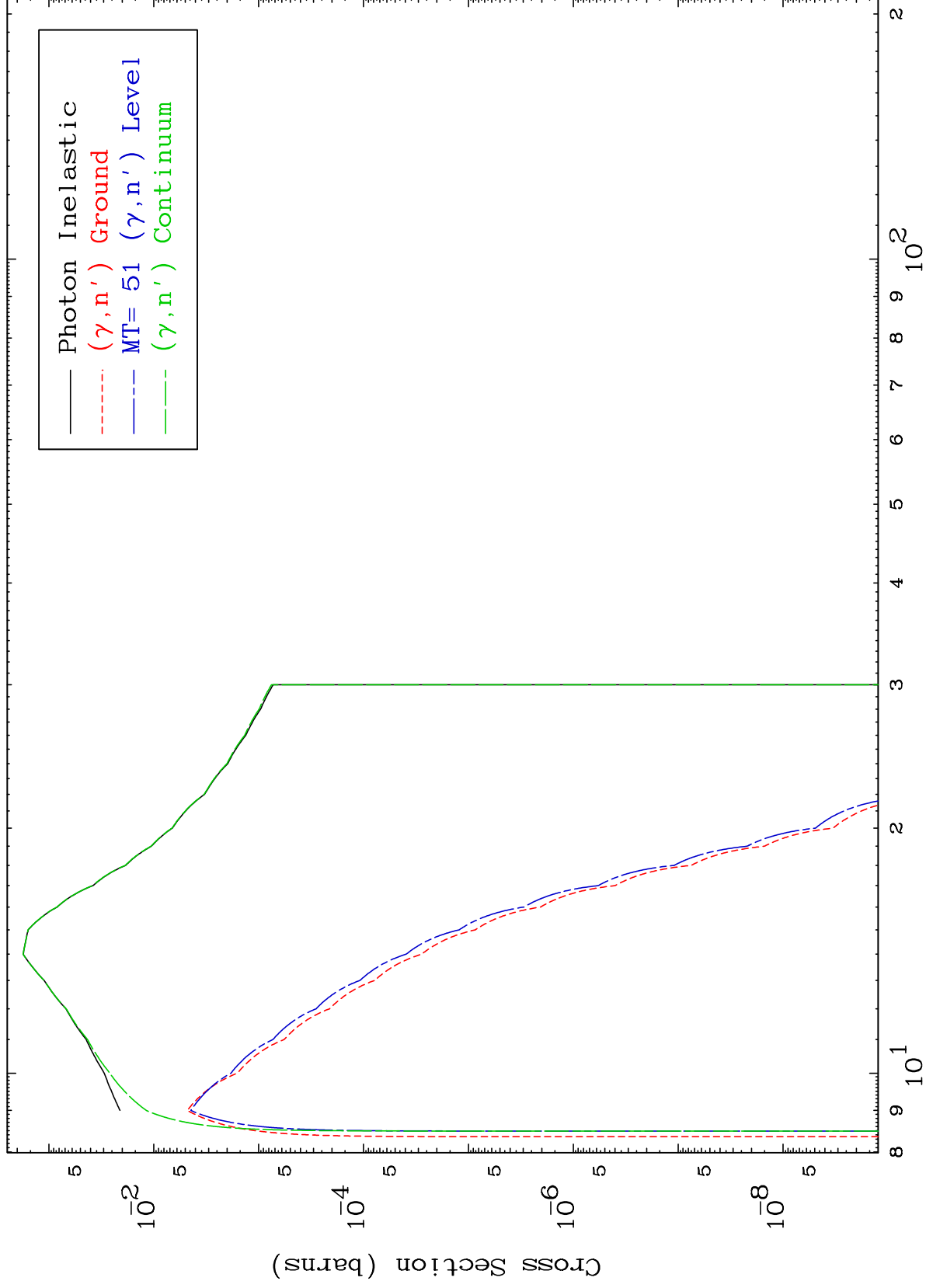
Incident Energy (MeV)

3

MAT 4861

48-Cd-118

( $\gamma, n'$ ) Level  
0 Kelvin Cross Sections



48-Cd-118

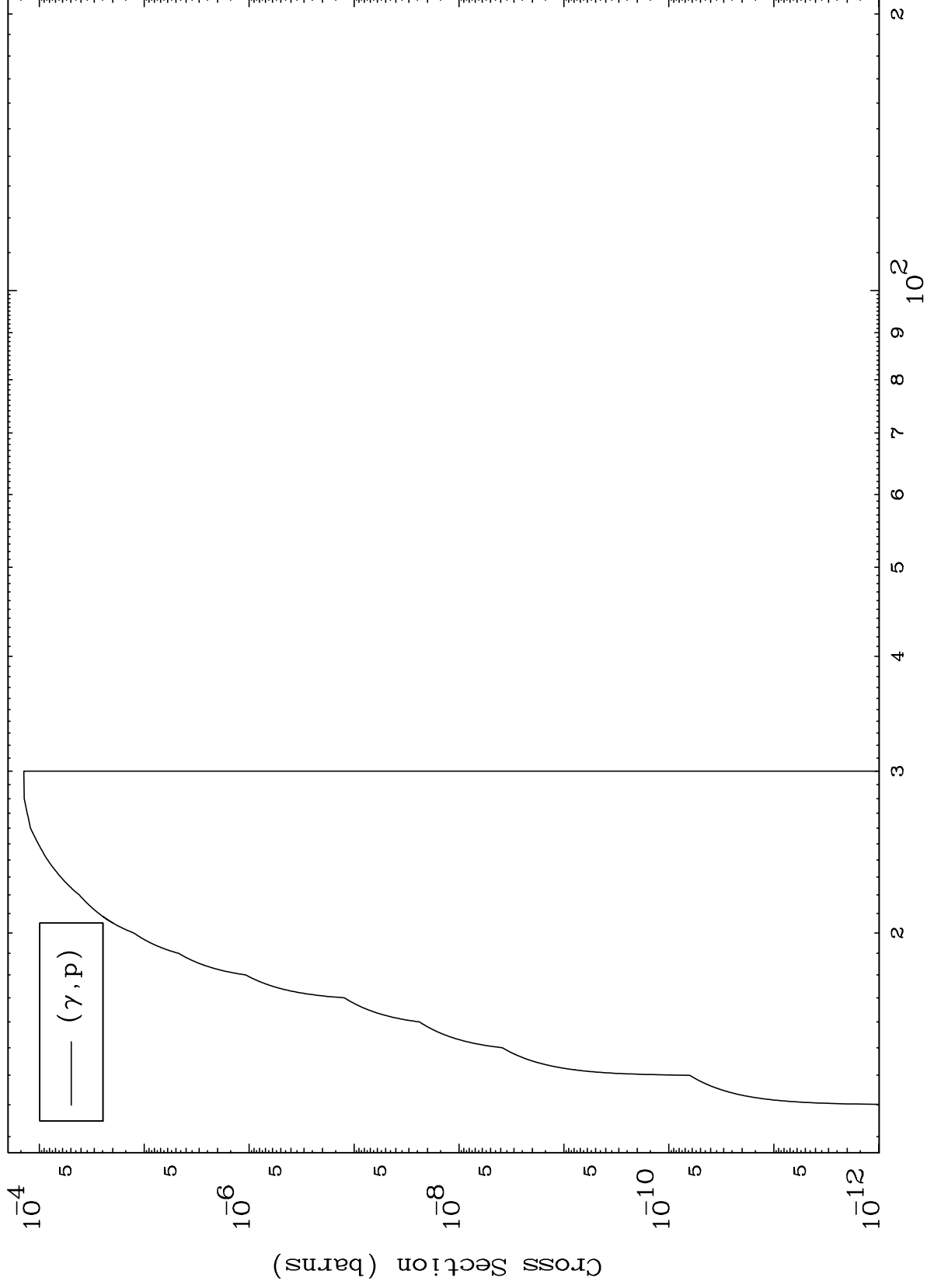
Incident Energy (MeV)

4

MAT 4861

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

48-Cd-118



Incident Energy (MeV)

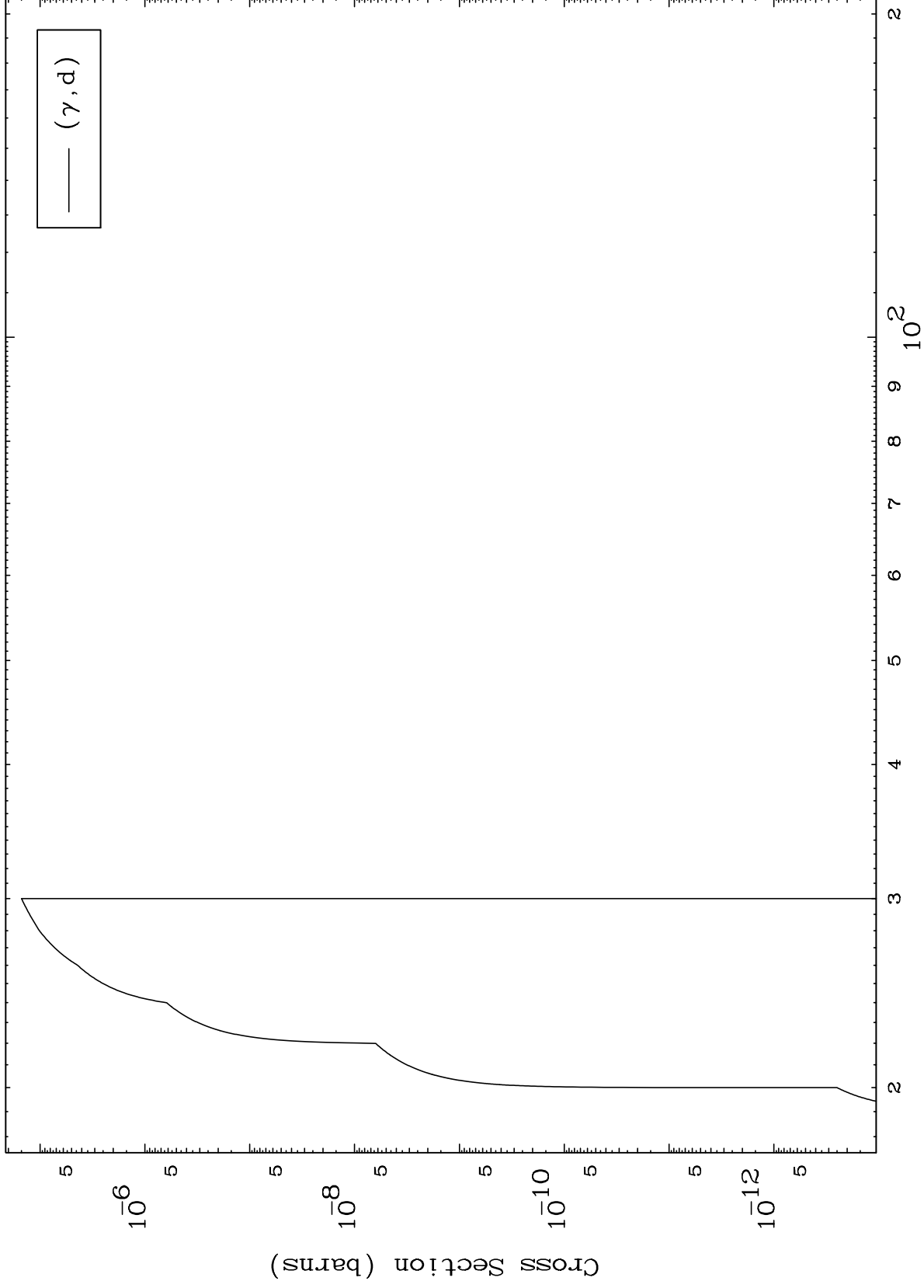
48-Cd-118

5

MAT 4861

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

48-Cd-118



6

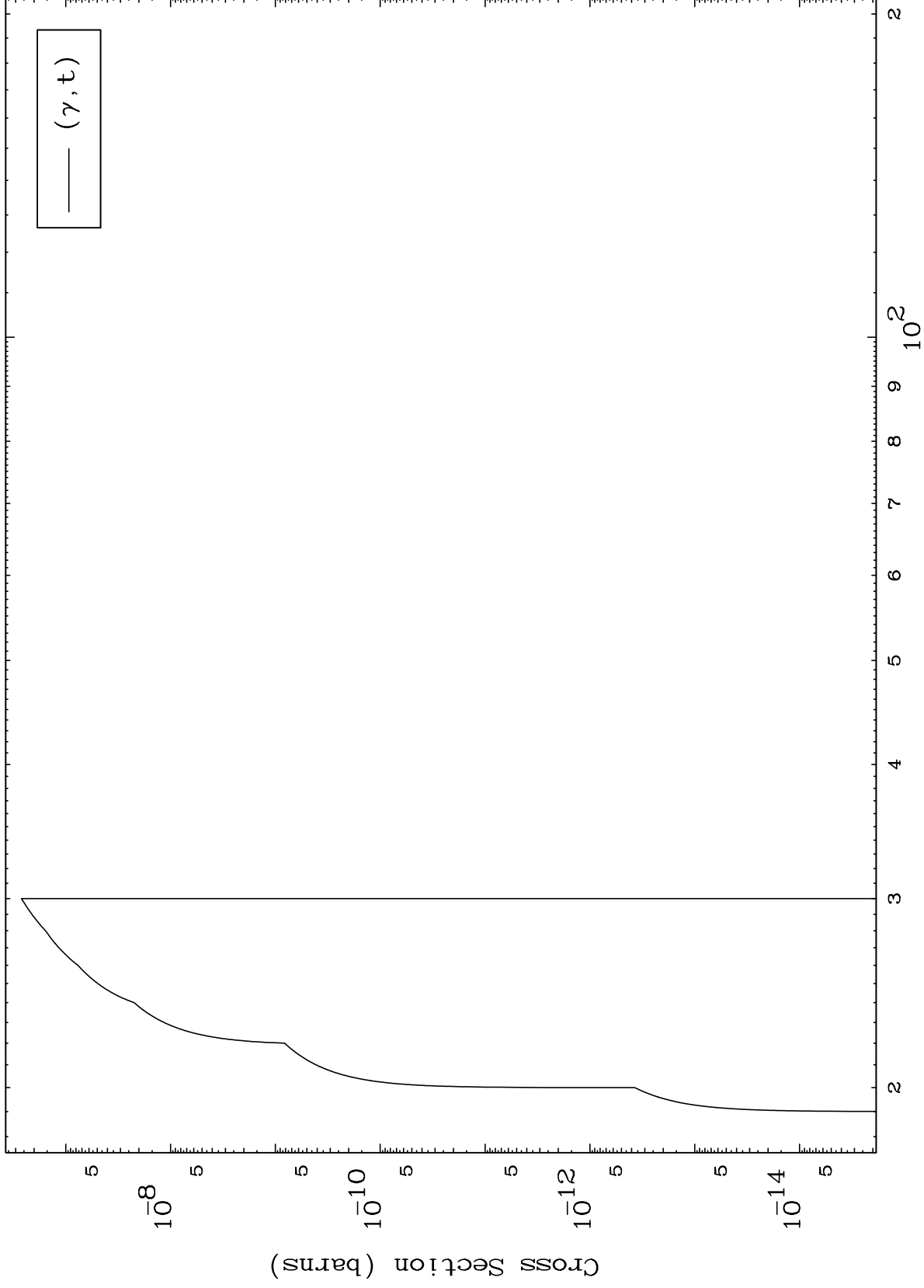
Incident Energy (MeV)

48-Cd-118

MAT 4861

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

48-Cd-118



7

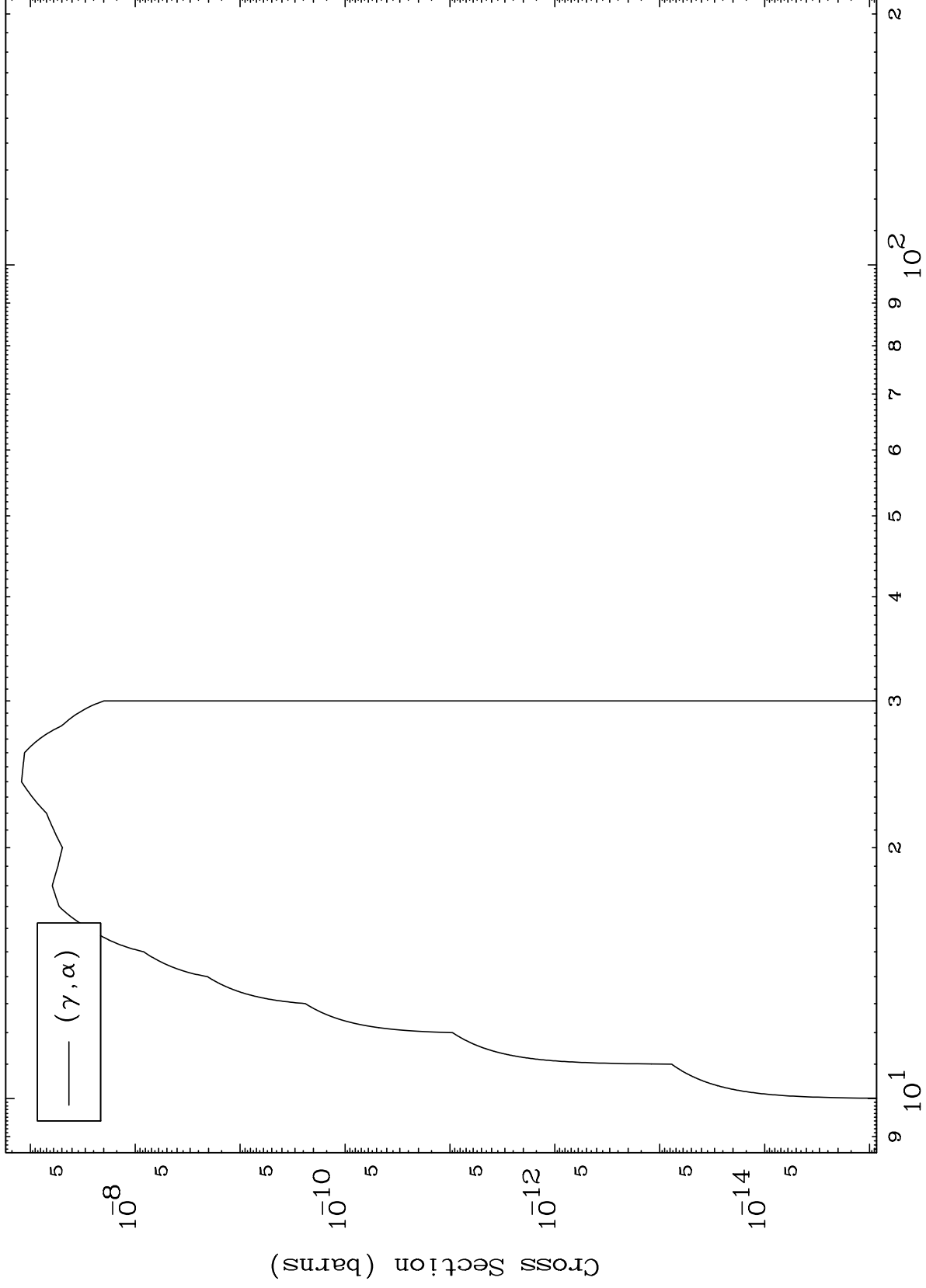
Incident Energy (MeV)

48-Cd-118

MAT 4861

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

48-Cd-118



Incident Energy (MeV)

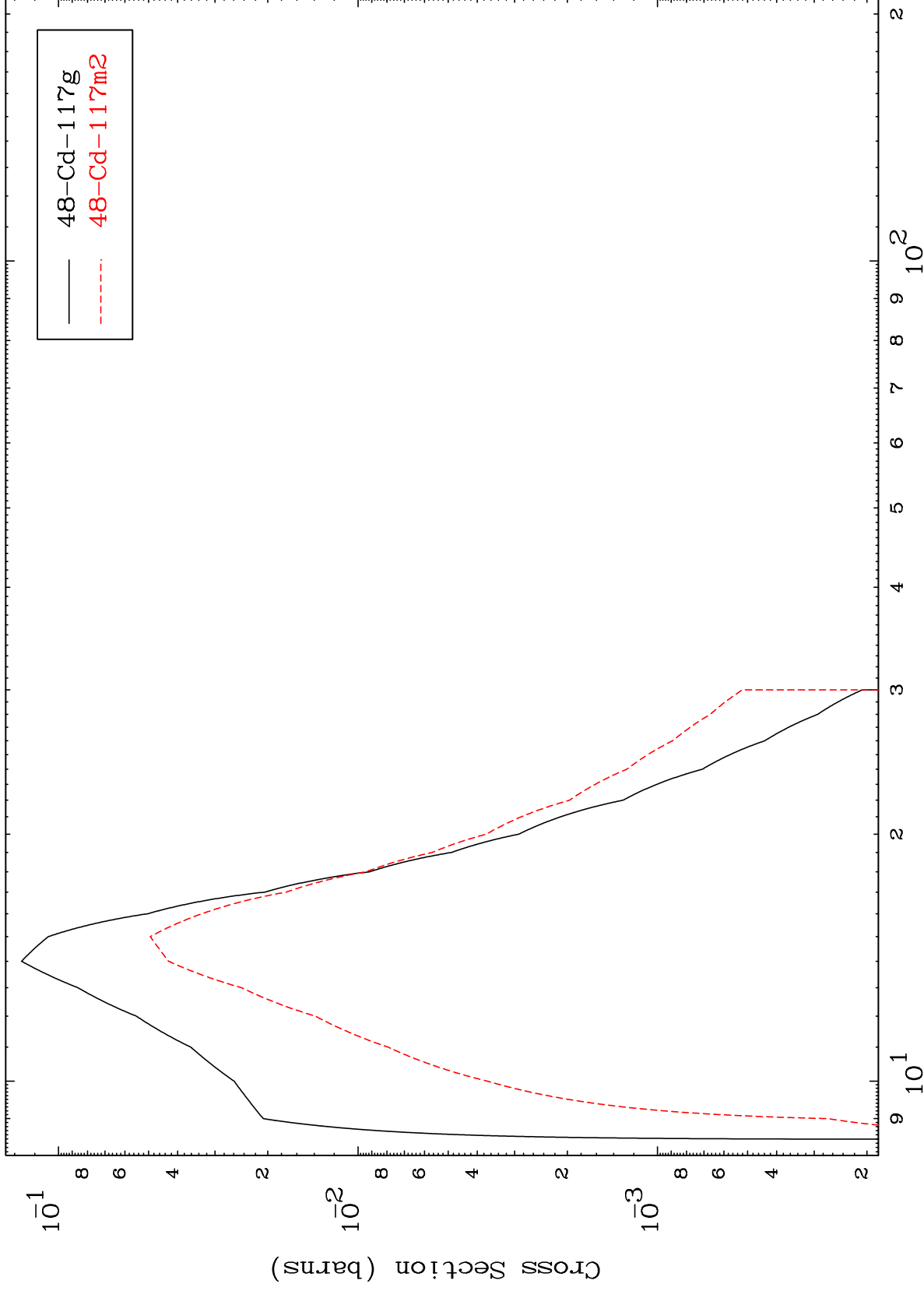
48-Cd-118

8

MAT 4861

Photon Inelastic  
Radionuclide Production Cross Section

48-Cd-118



— 48-Cd-117g  
- - - 48-Cd-117m2

9

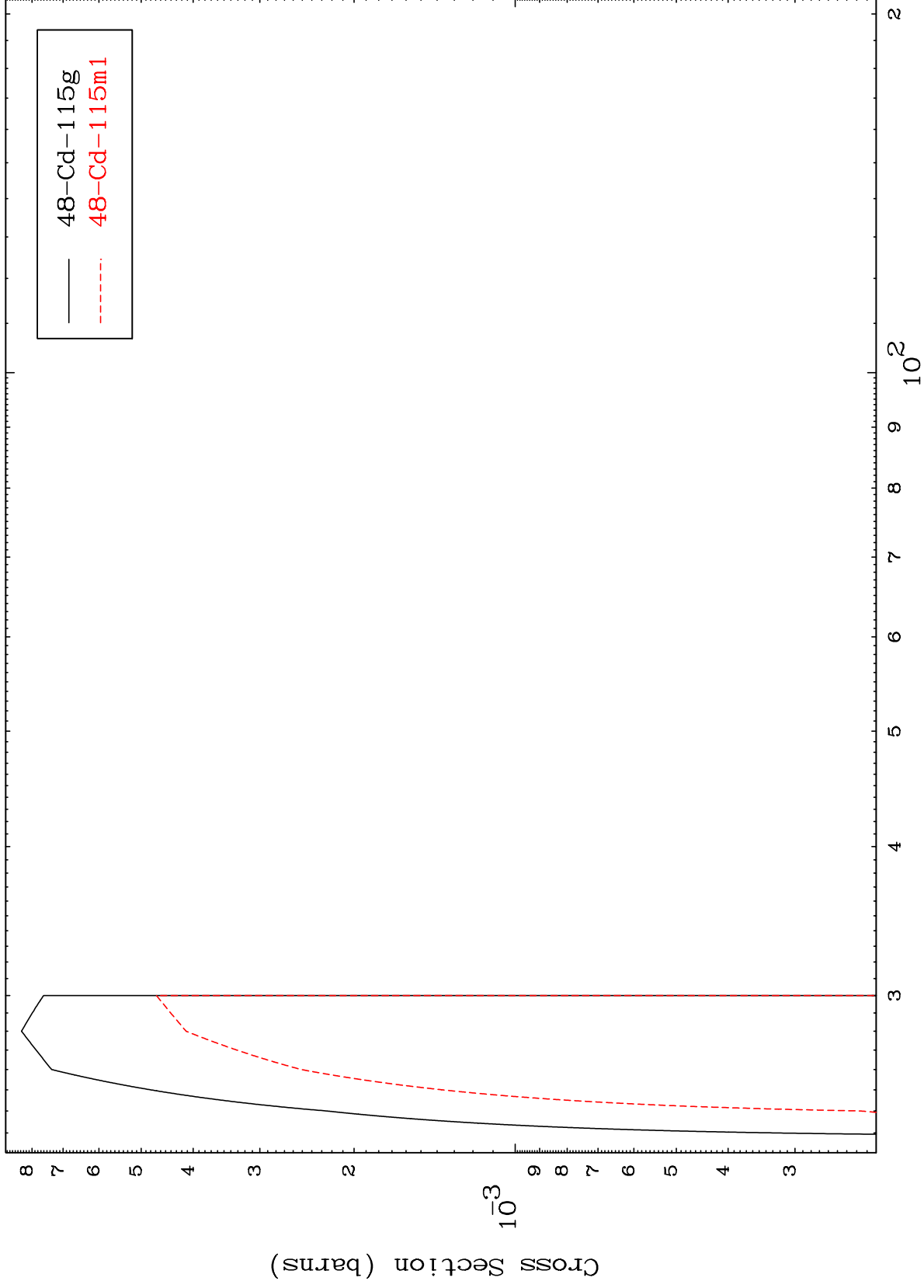
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

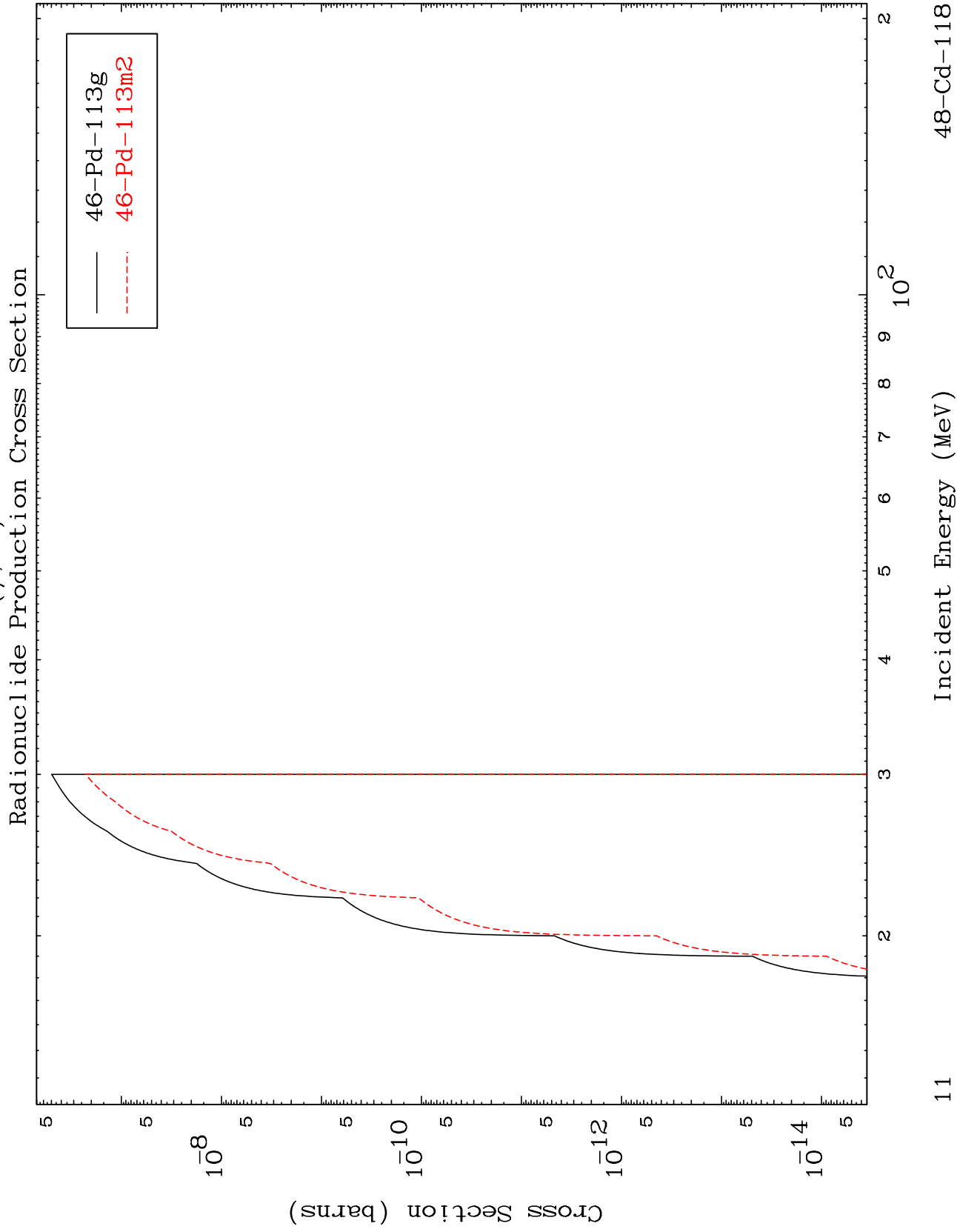
( $\gamma, 3n$ )  
Radionuclide Production Cross Section



10

Incident Energy (MeV)

48-Cd-118

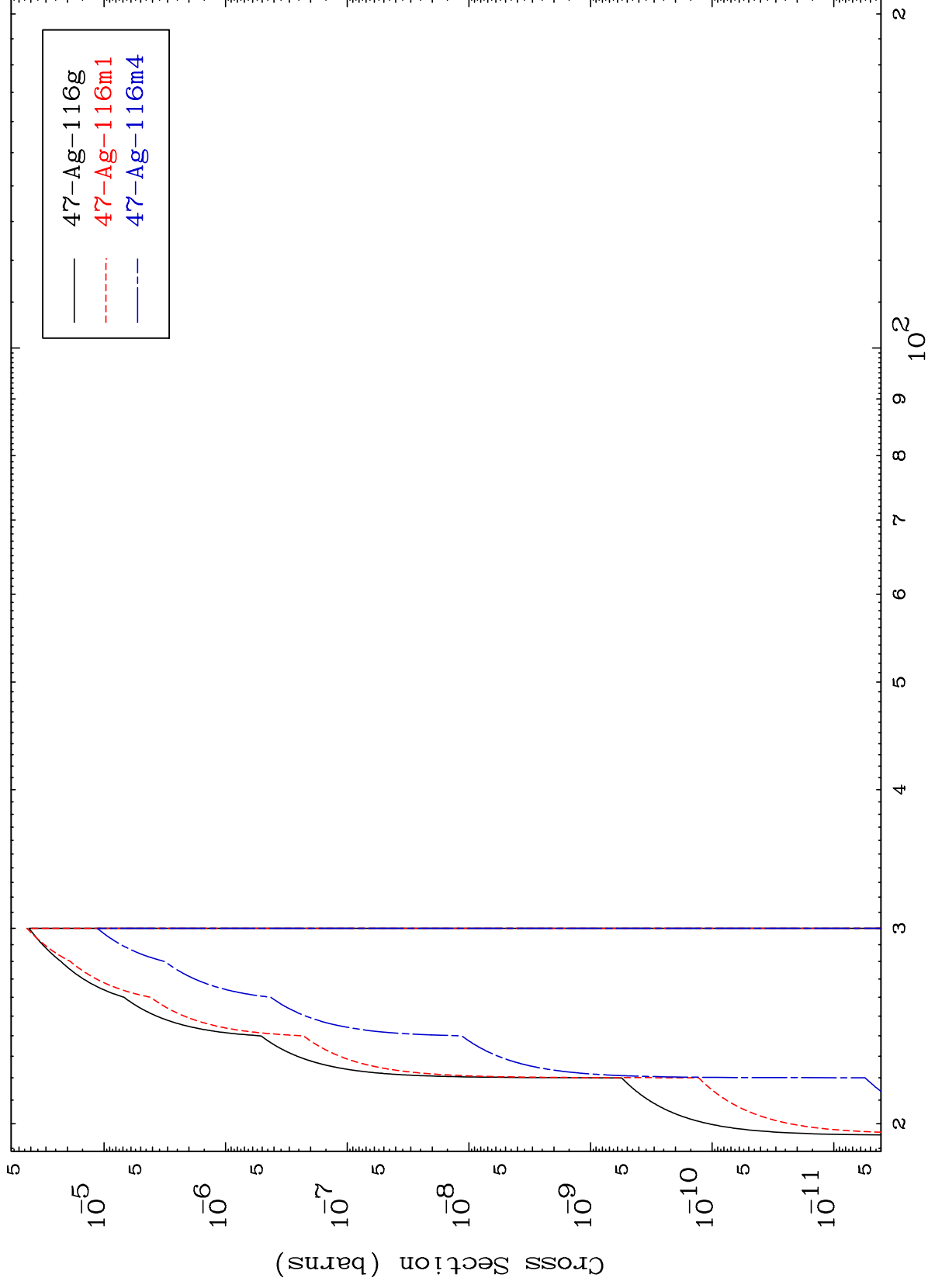


MAT 4861

$(\gamma, n')$  p

48-Cd-118

Radionuclide Production Cross Section



12

Incident Energy (MeV)

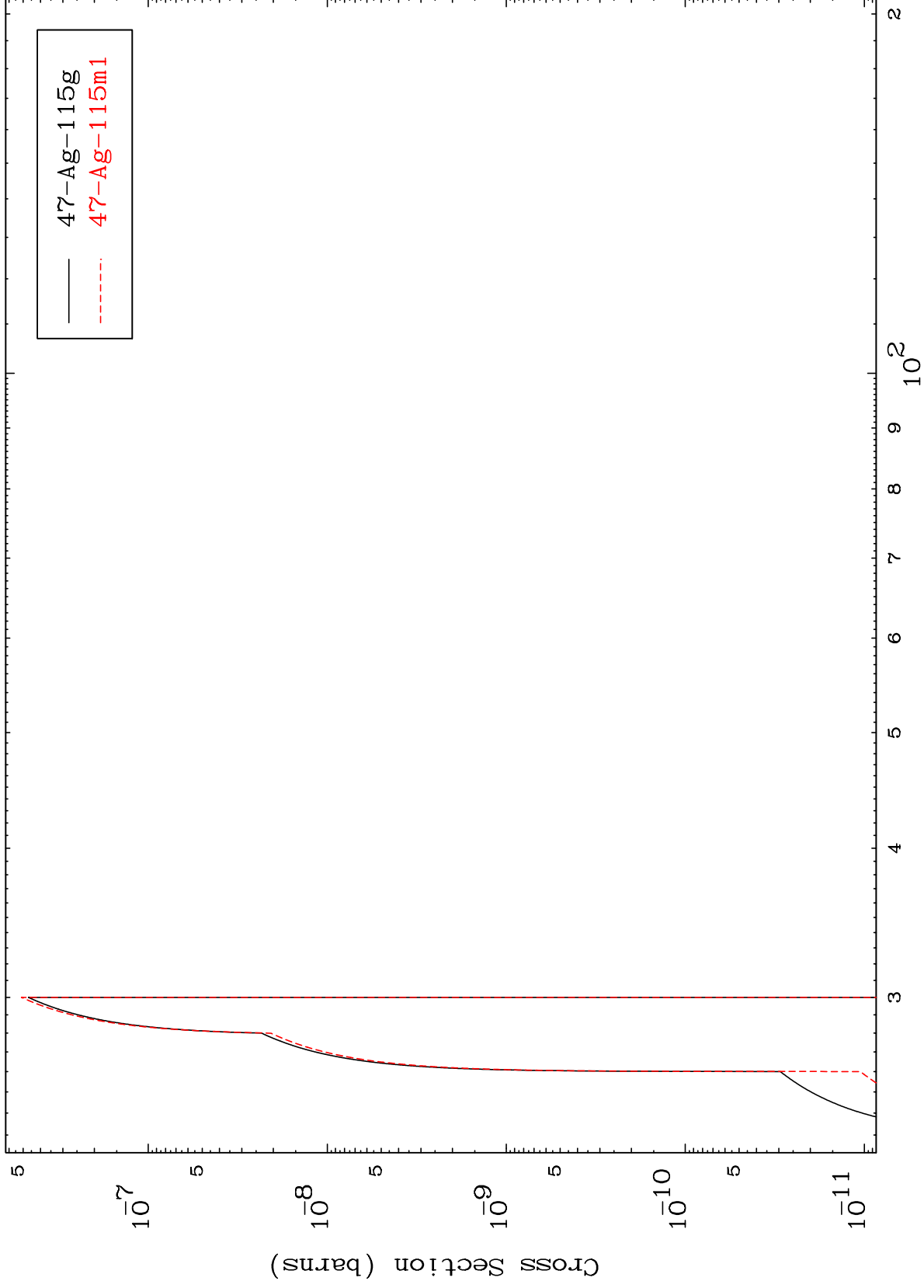
48-Cd-118

MAT 4861

( $\gamma, n'$ ) d

48-Cd-118

Radionuclide Production Cross Section



13

Incident Energy (MeV)

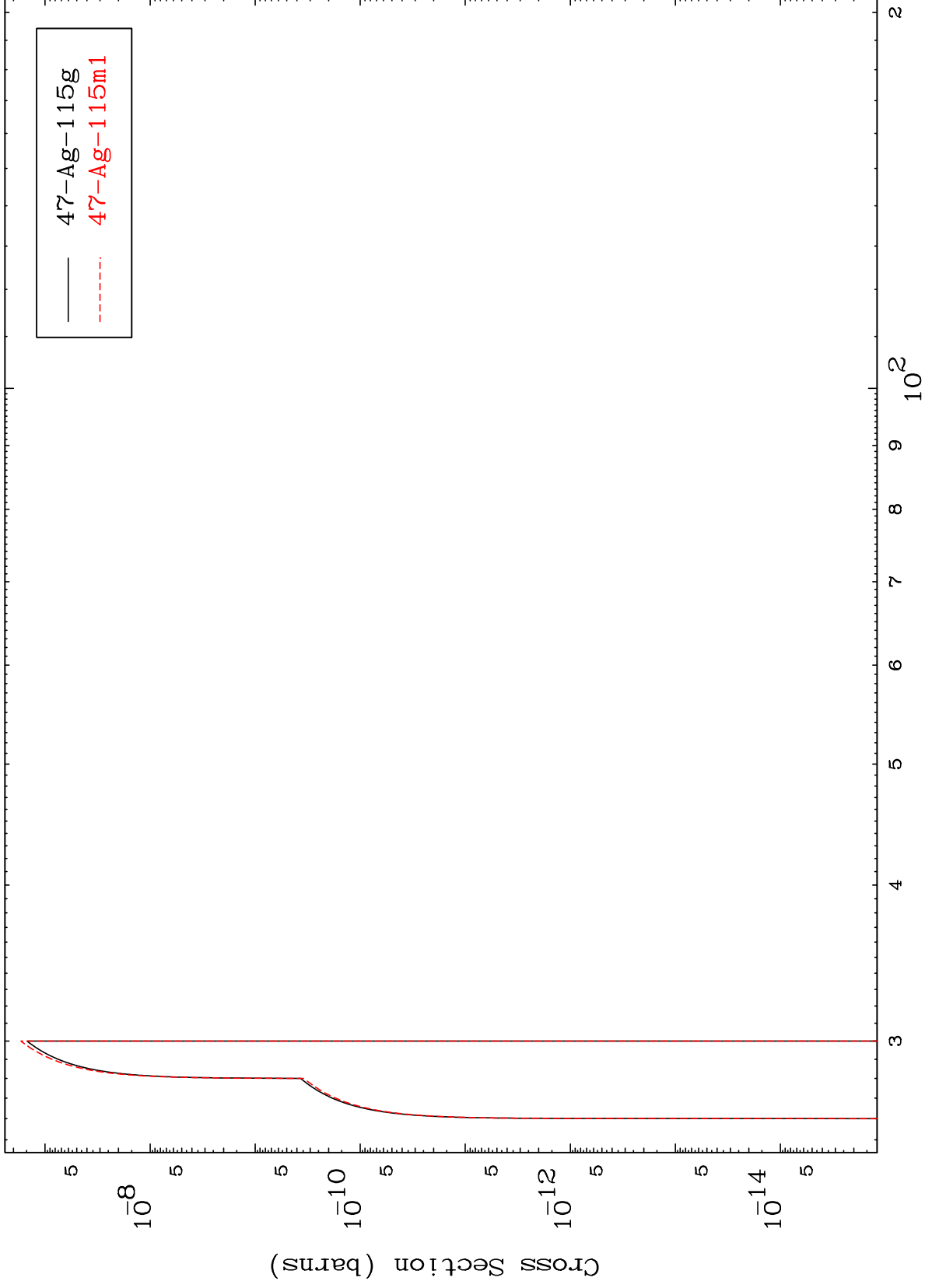
48-Cd-118

MAT 4861

( $\gamma, 2n$ ) p

48-Cd-118

Radionuclide Production Cross Section



14

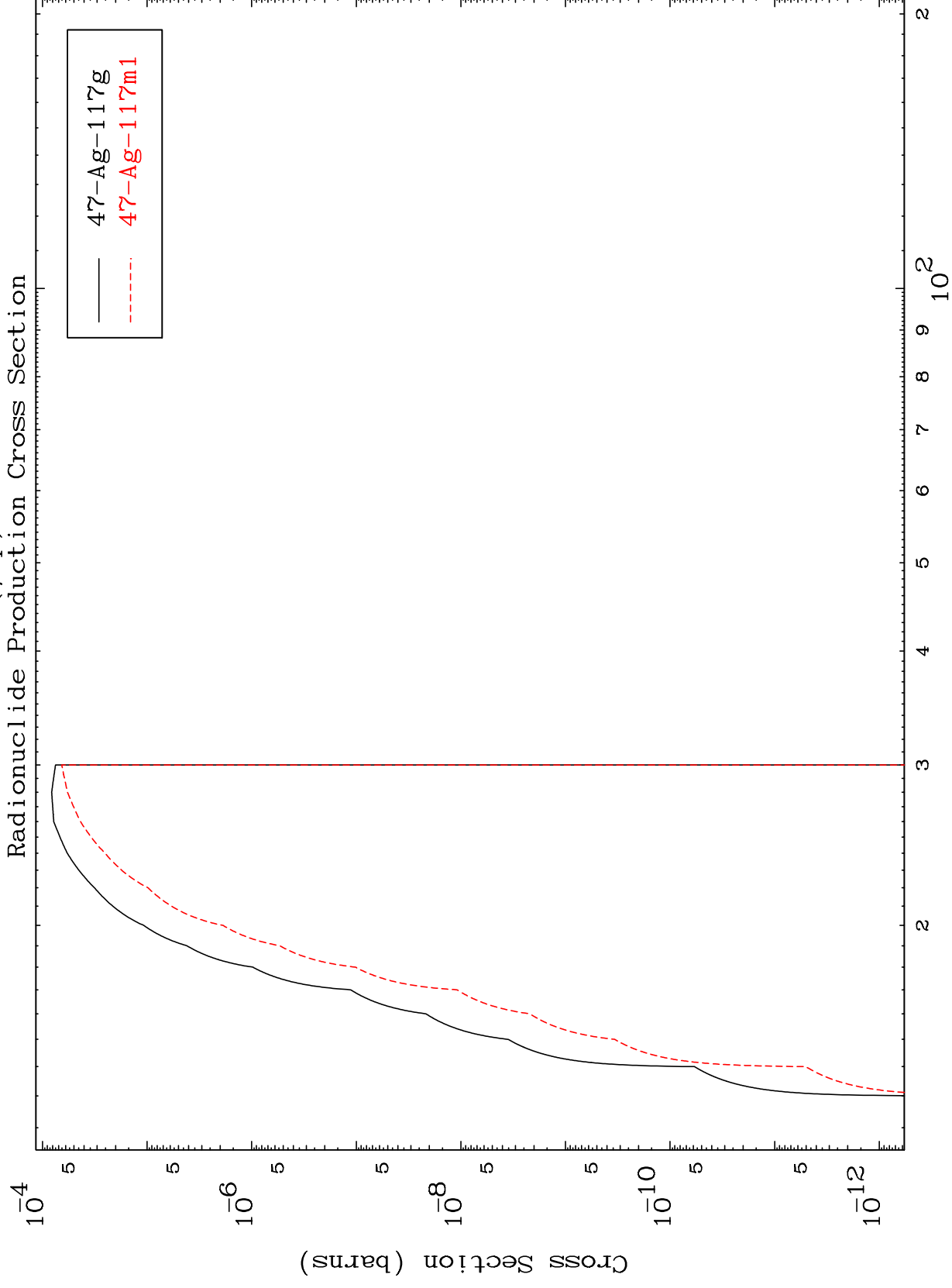
Incident Energy (MeV)

48-Cd-118

MAT 4861

48-Cd-118

( $\gamma, p$ )  
Radionuclide Production Cross Section

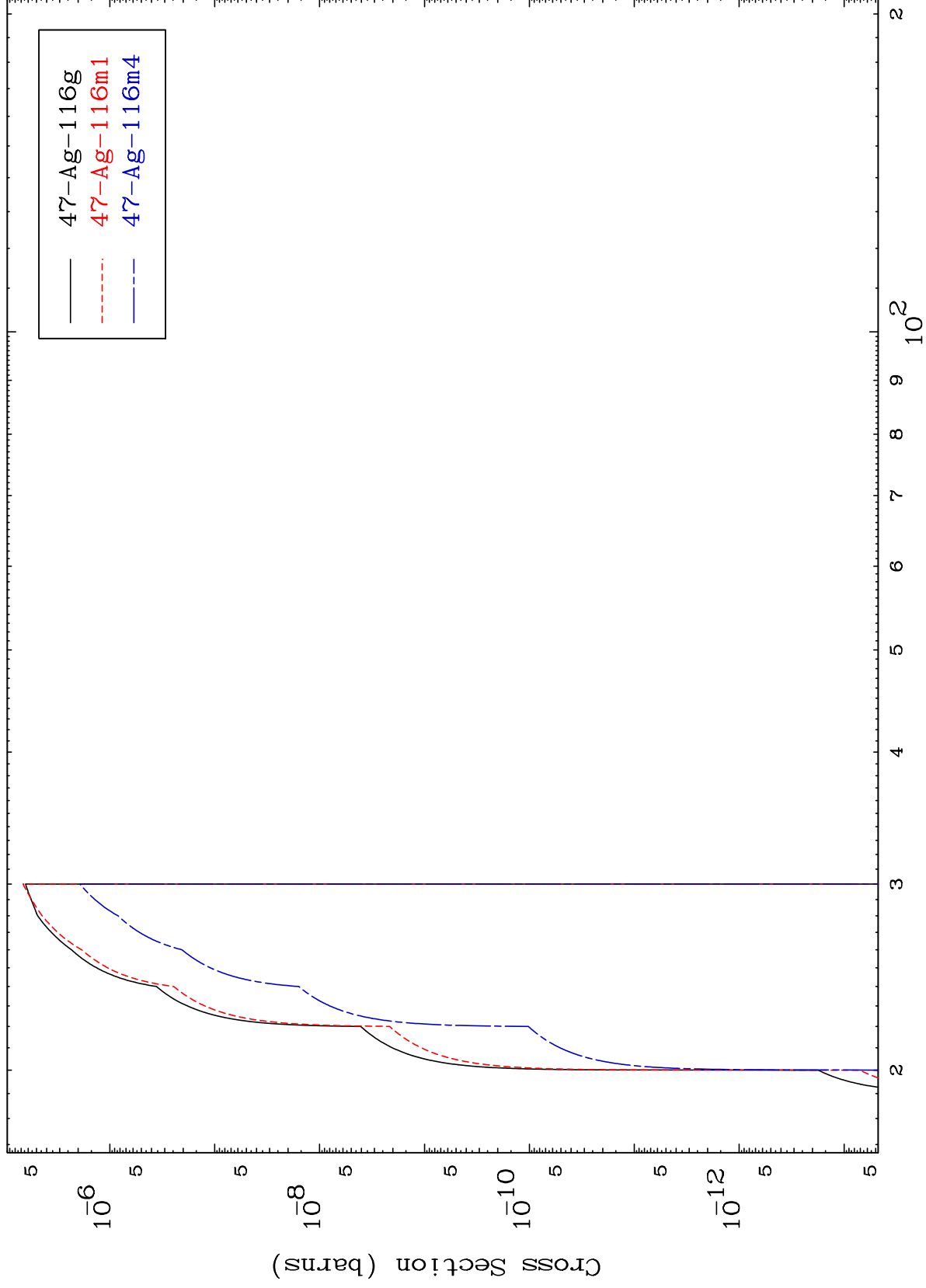


15

Incident Energy (MeV)

48-Cd-118

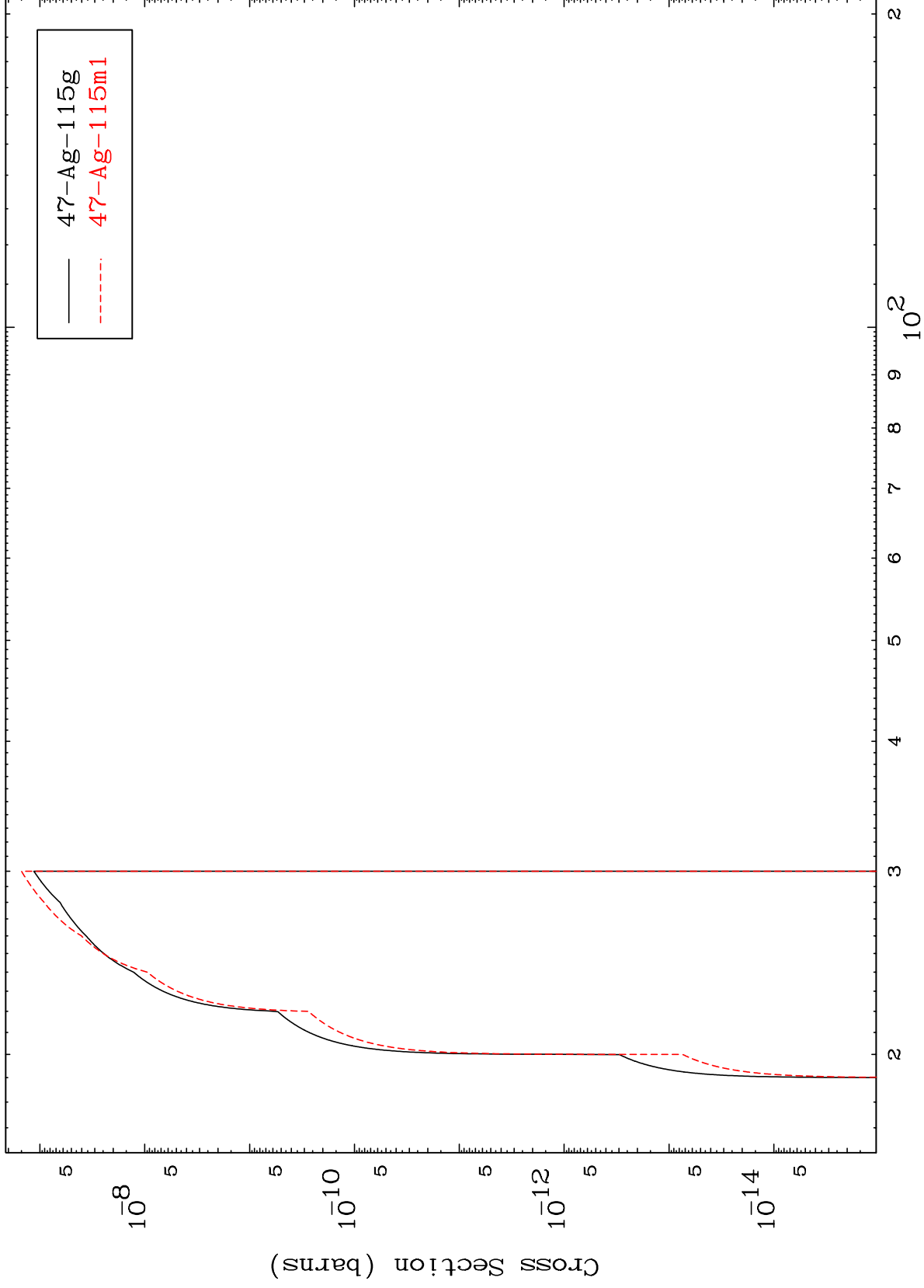
( $\gamma, d$ )  
Radionuclide Production Cross Section



MAT 4861

48-Cd-118

( $\gamma, t$ )  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

48-Cd-118