

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

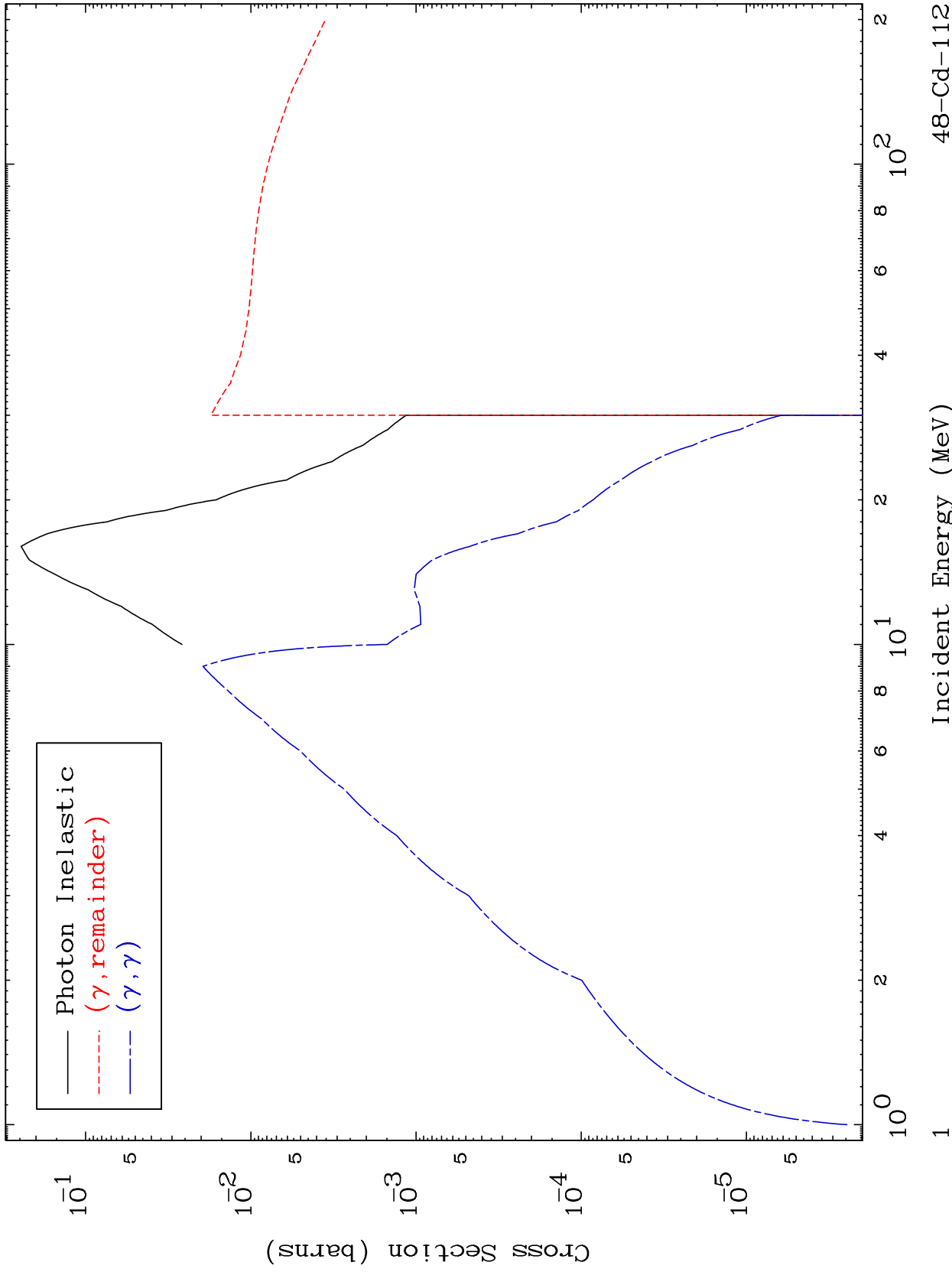
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4843

Photon Major  
0 Kelvin Cross Sections

48-Cd-112

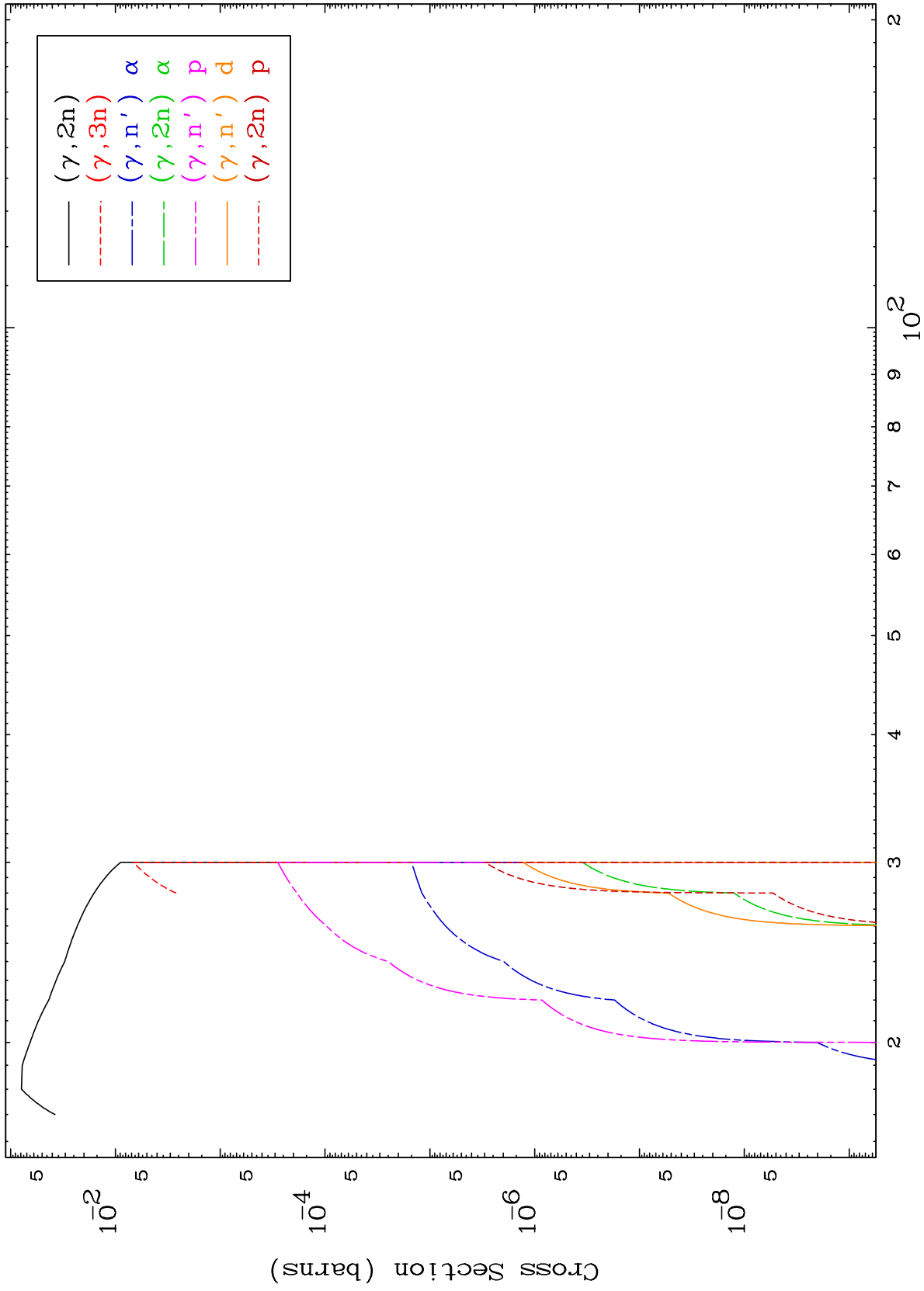


48-Cd-112

MAT 4843

Photon Neutron Production  
0 Kelvin Cross Sections

48-Cd-112



2

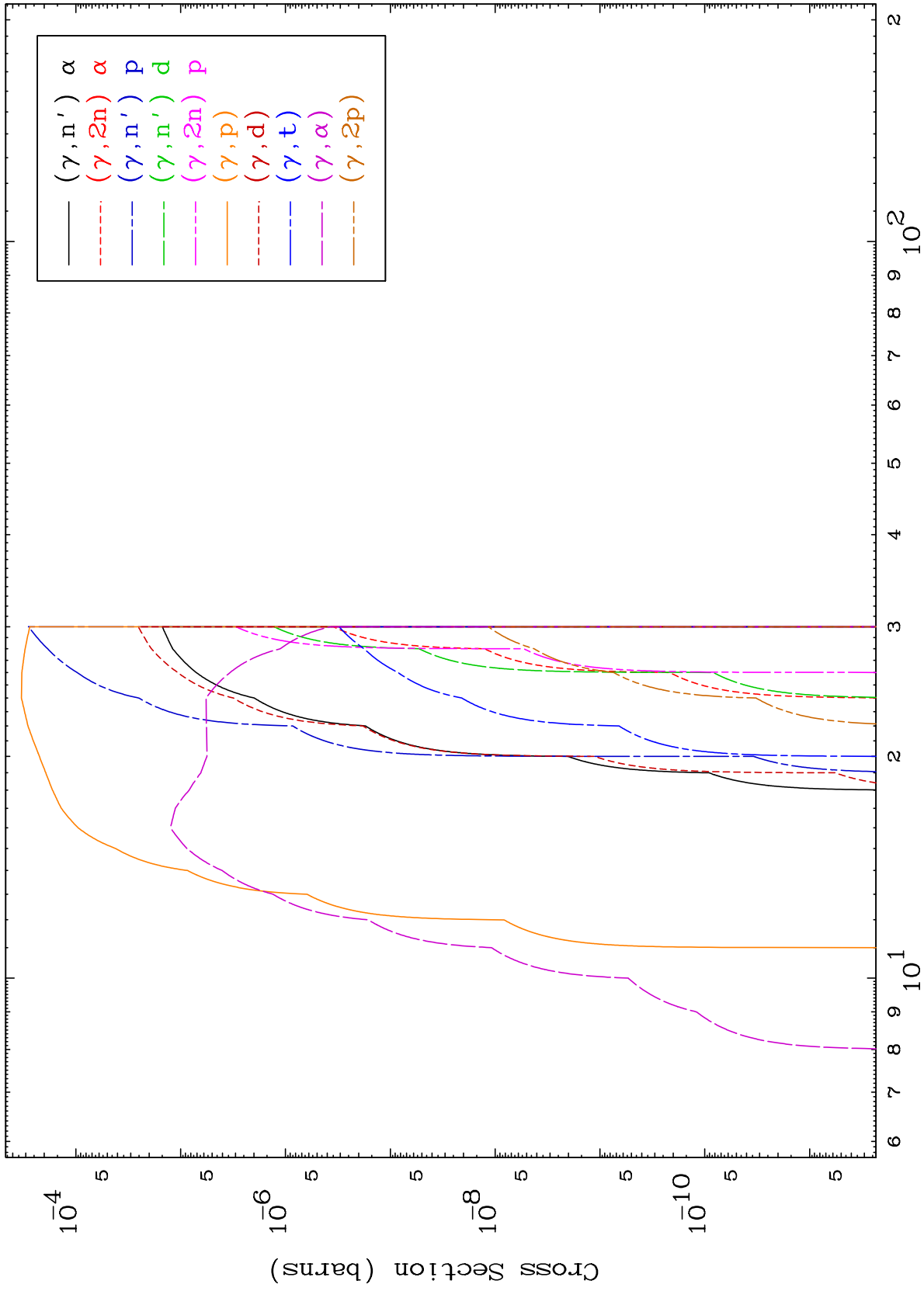
Incident Energy (MeV)

48-Cd-112

MAT 4843

Photon Charged Particle  
0 Kelvin Cross Sections

48-Cd-112



3

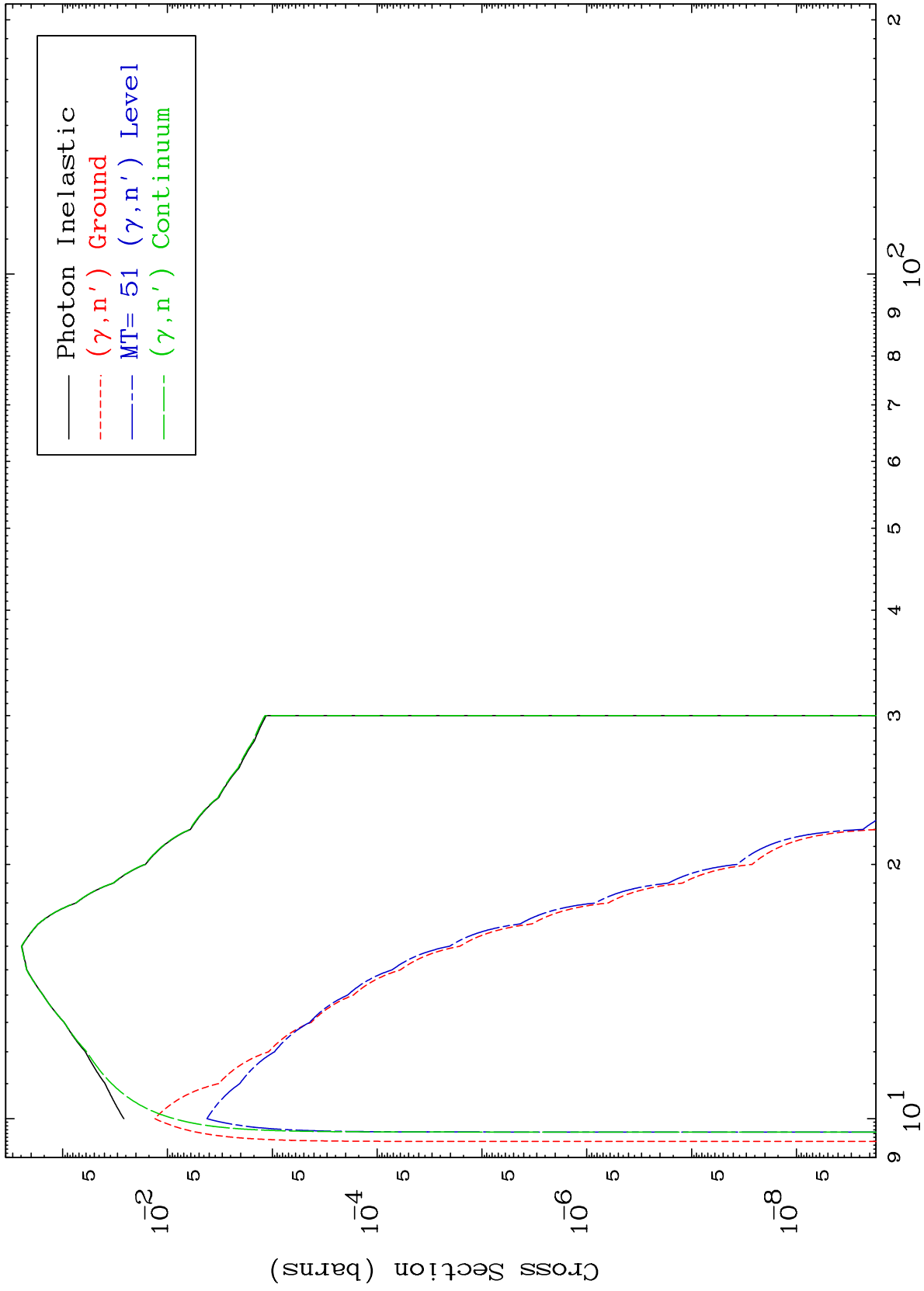
Incident Energy (MeV)

48-Cd-112

MAT 4843

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

48-Cd-112



4

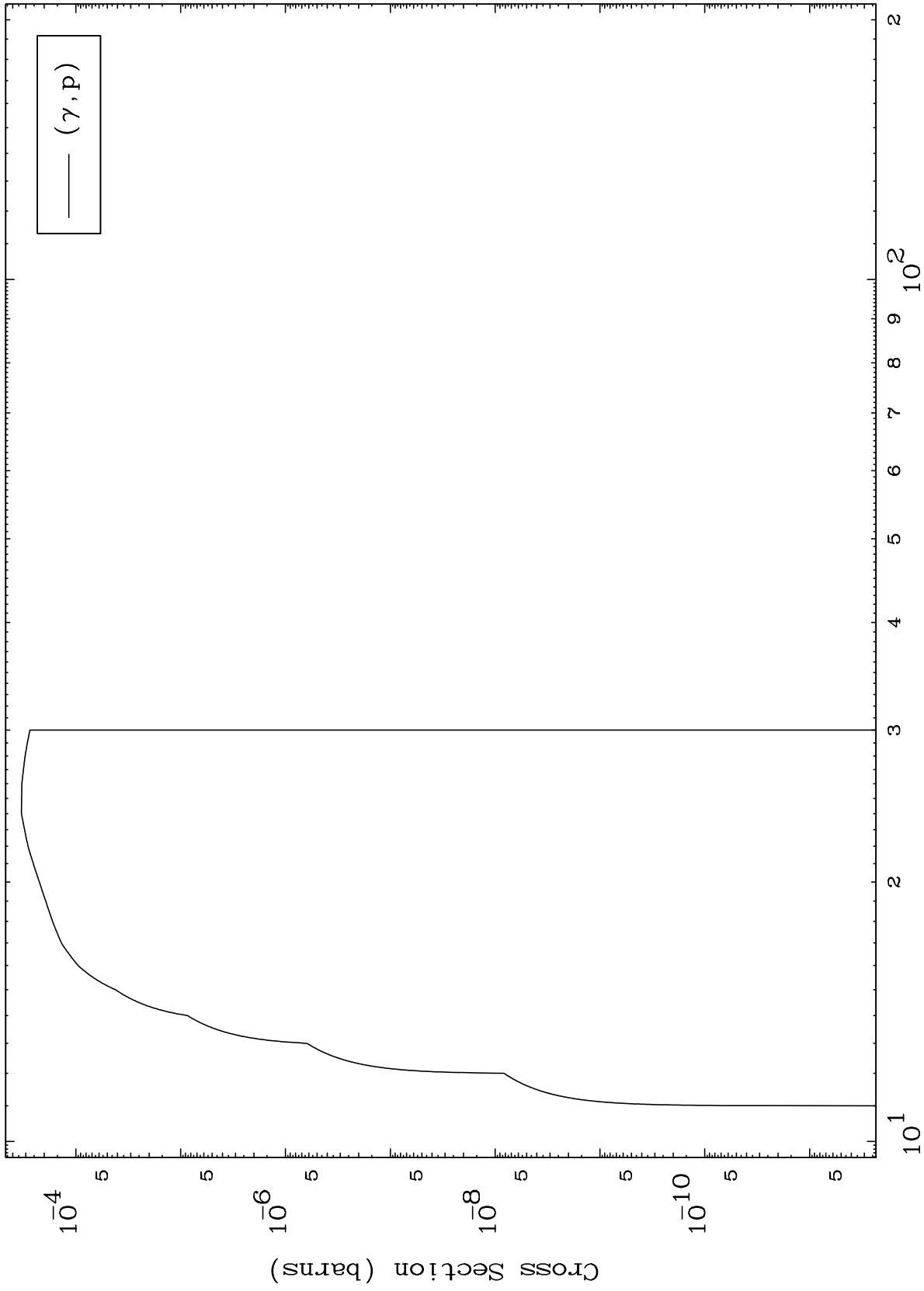
Incident Energy (MeV)

48-Cd-112

MAT 4843

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

48-Cd-112



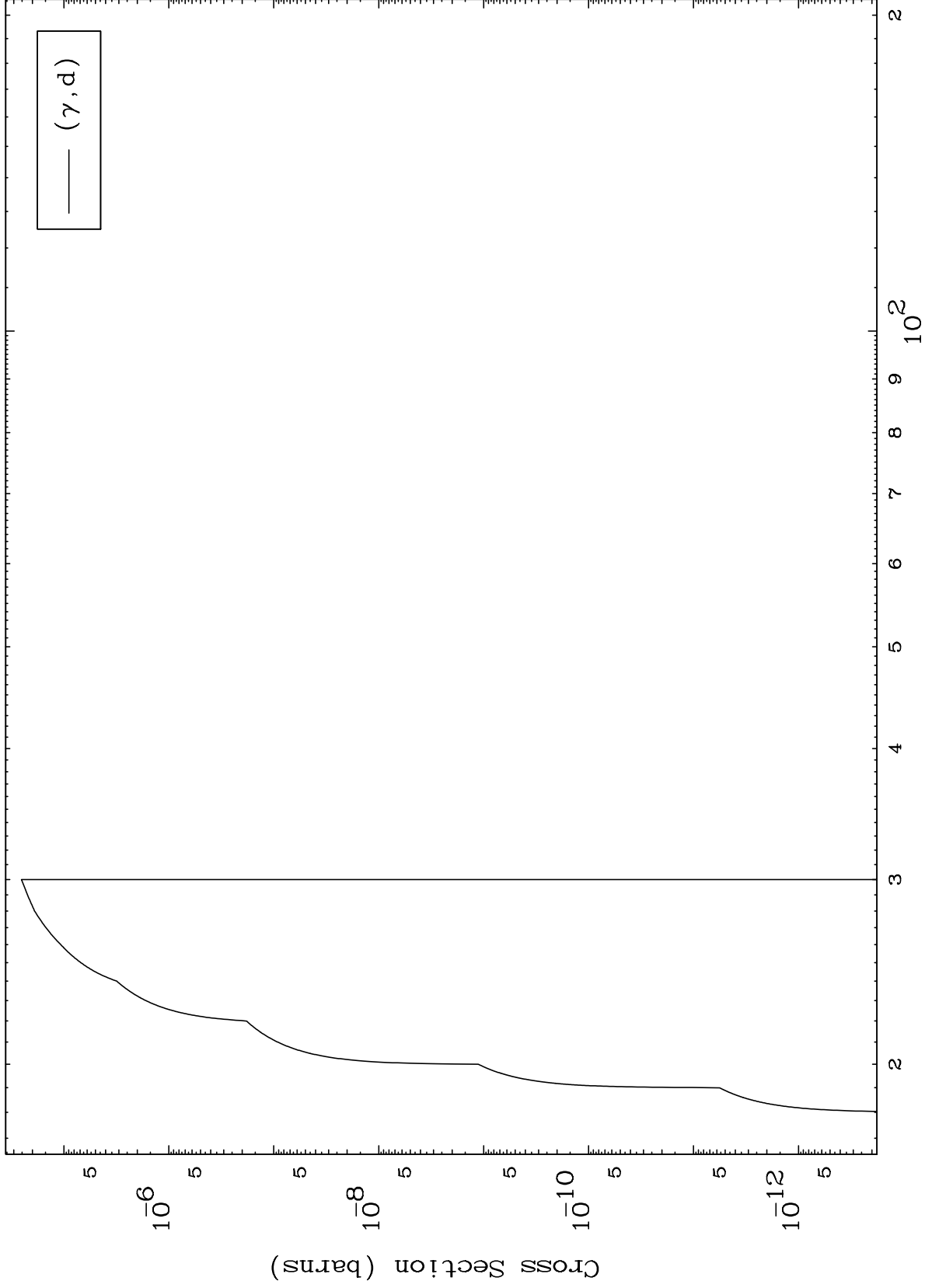
Incident Energy (MeV)

48-Cd-112

MAT 4843

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

48-Cd-112



6

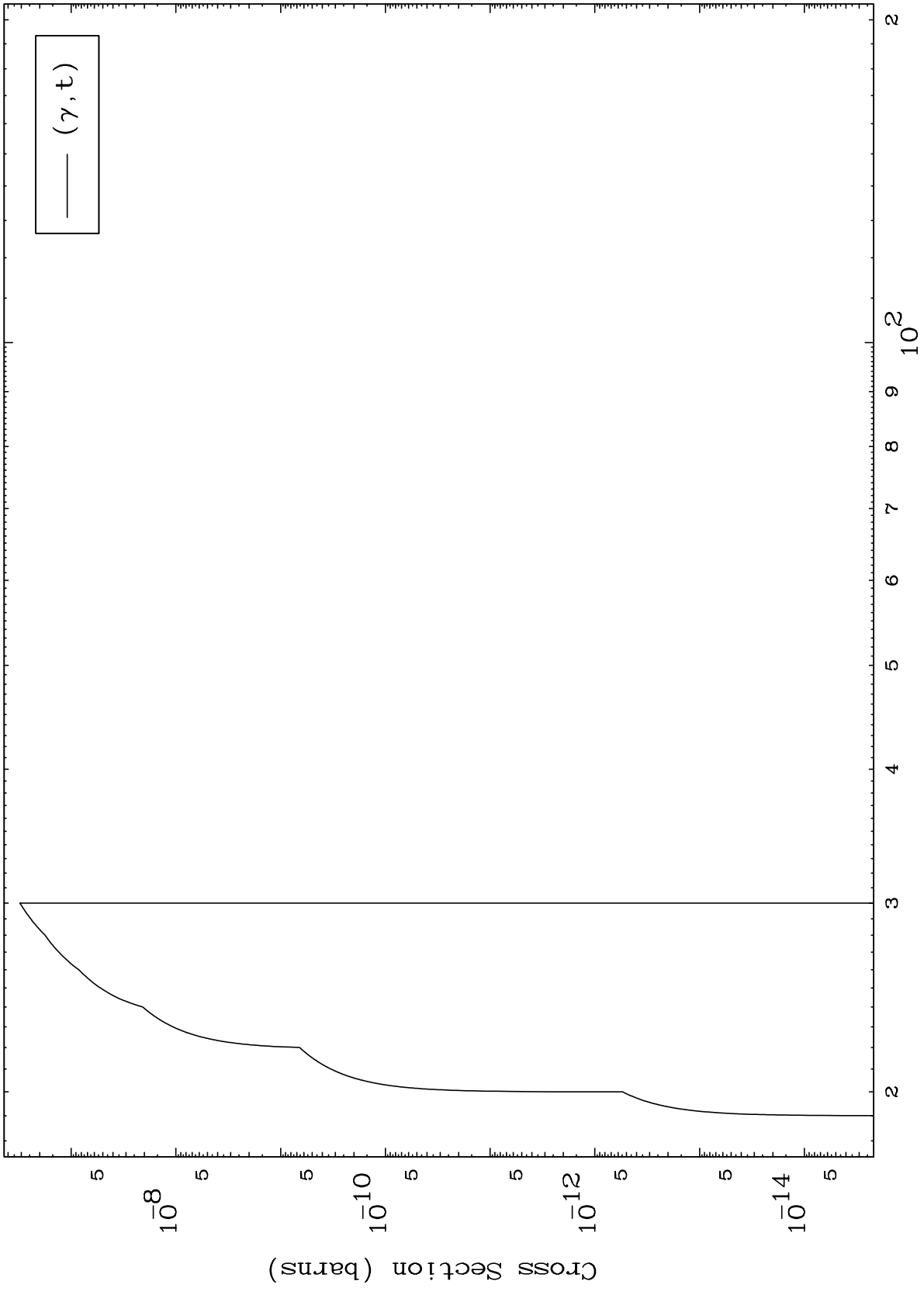
Incident Energy (MeV)

48-Cd-112

MAT 4843

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

48-Cd-112



7

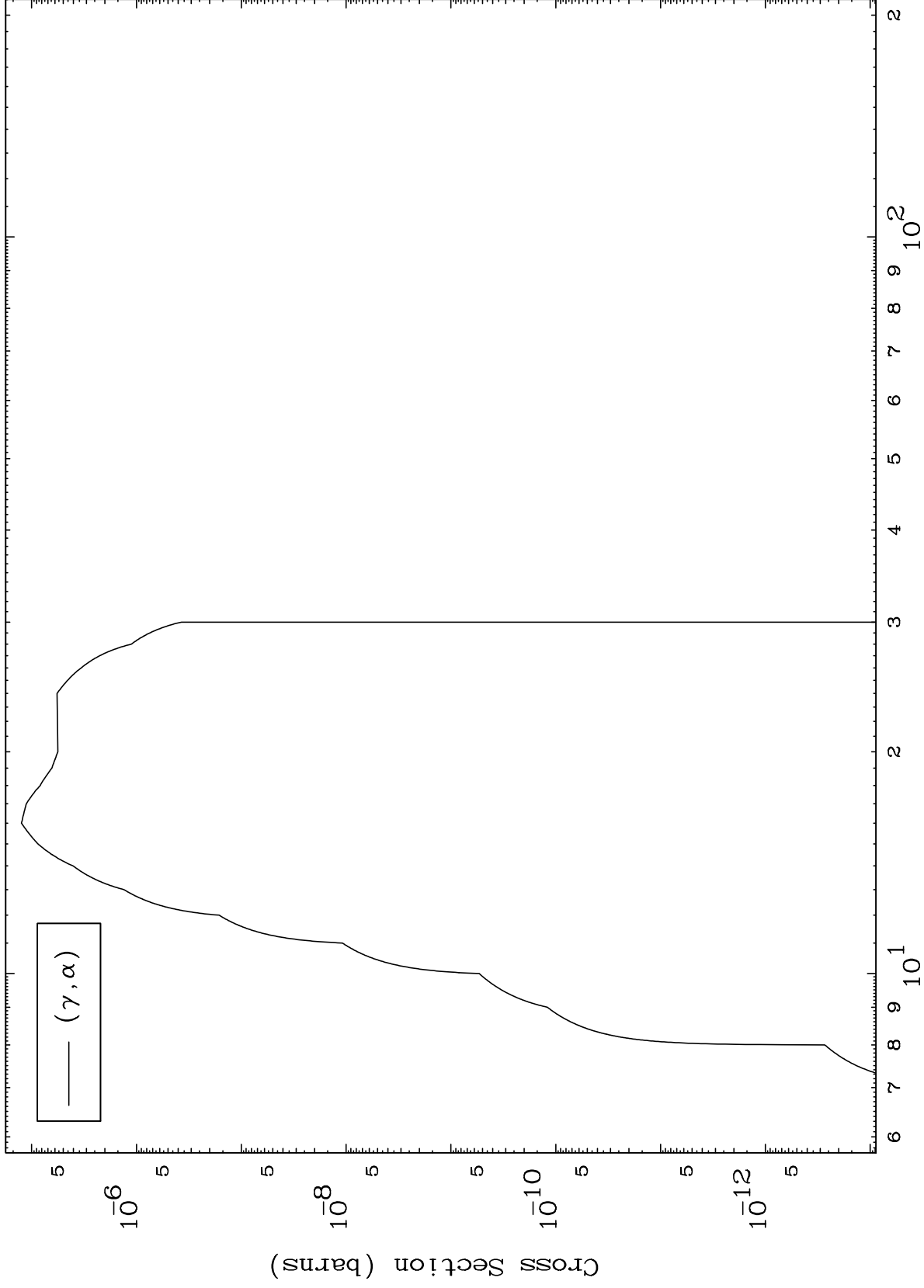
Incident Energy (MeV)

48-Cd-112

MAT 4843

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

48-Cd-112



8

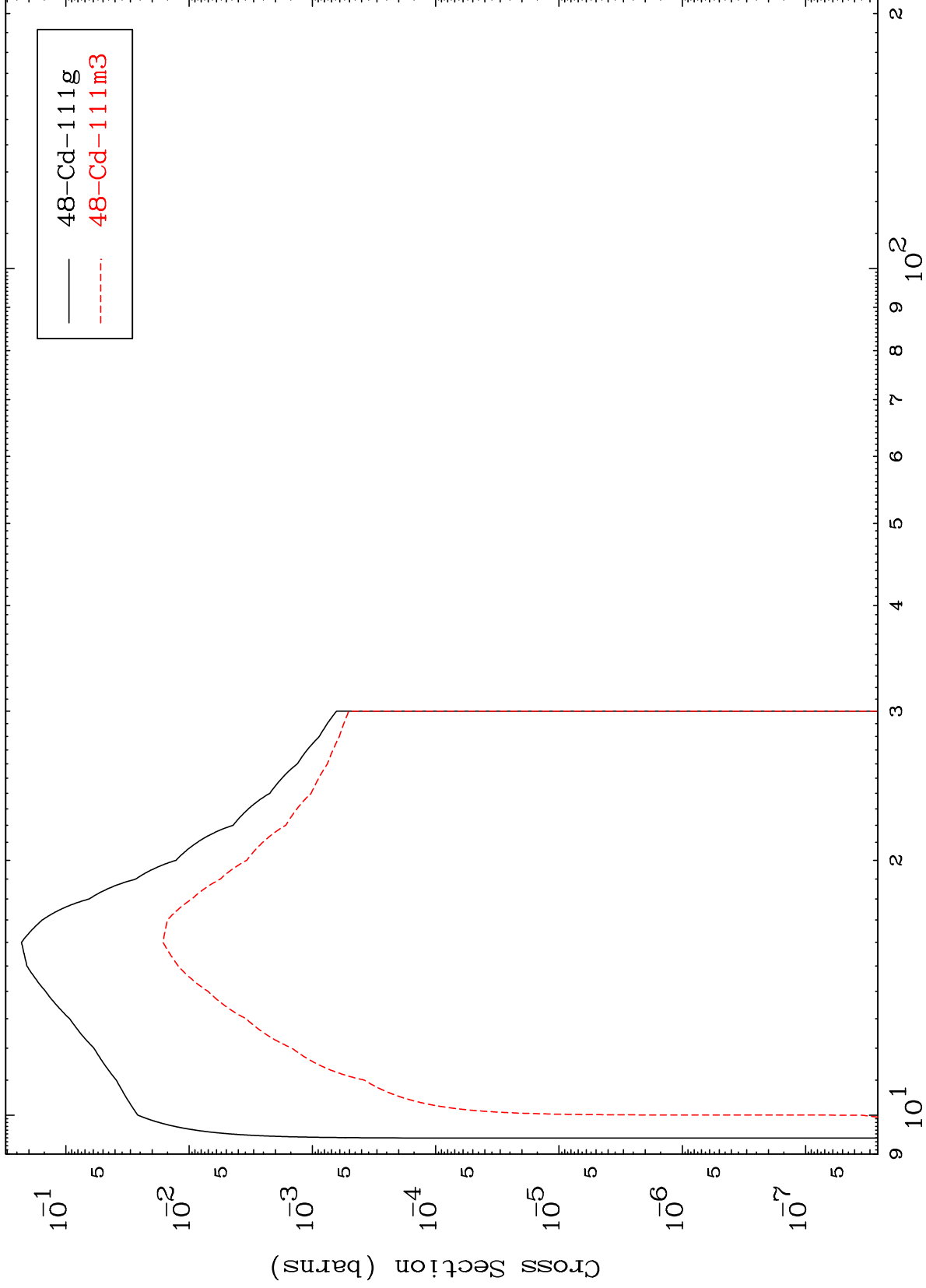
Incident Energy (MeV)

48-Cd-112

MAT 4843

Photon Inelastic  
Radionuclide Production Cross Section

48-Cd-112



Incident Energy (MeV)

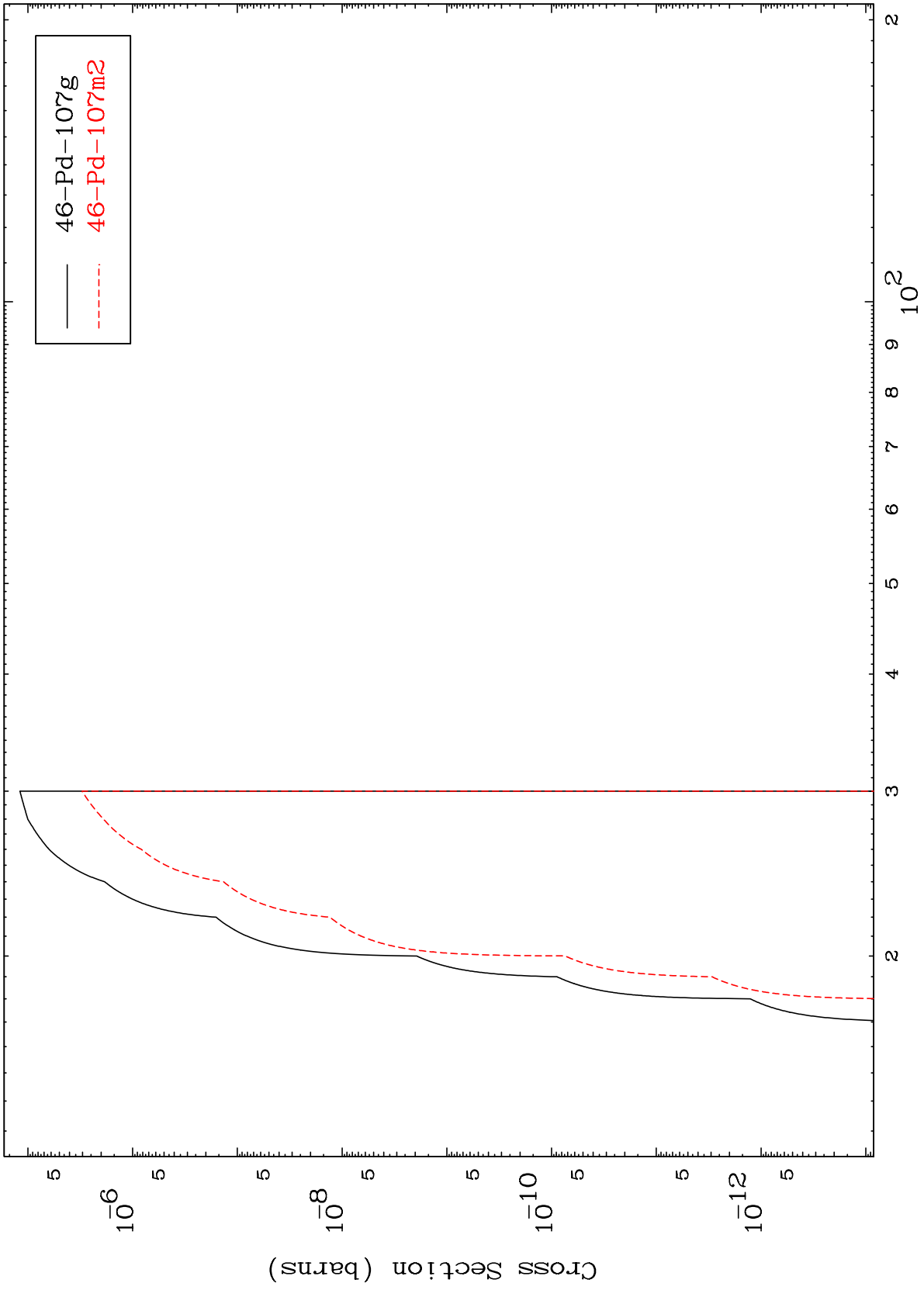
48-Cd-112

MAT 4843

$(\gamma, n')$   $\alpha$

48-Cd-112

Radionuclide Production Cross Section



10

Incident Energy (MeV)

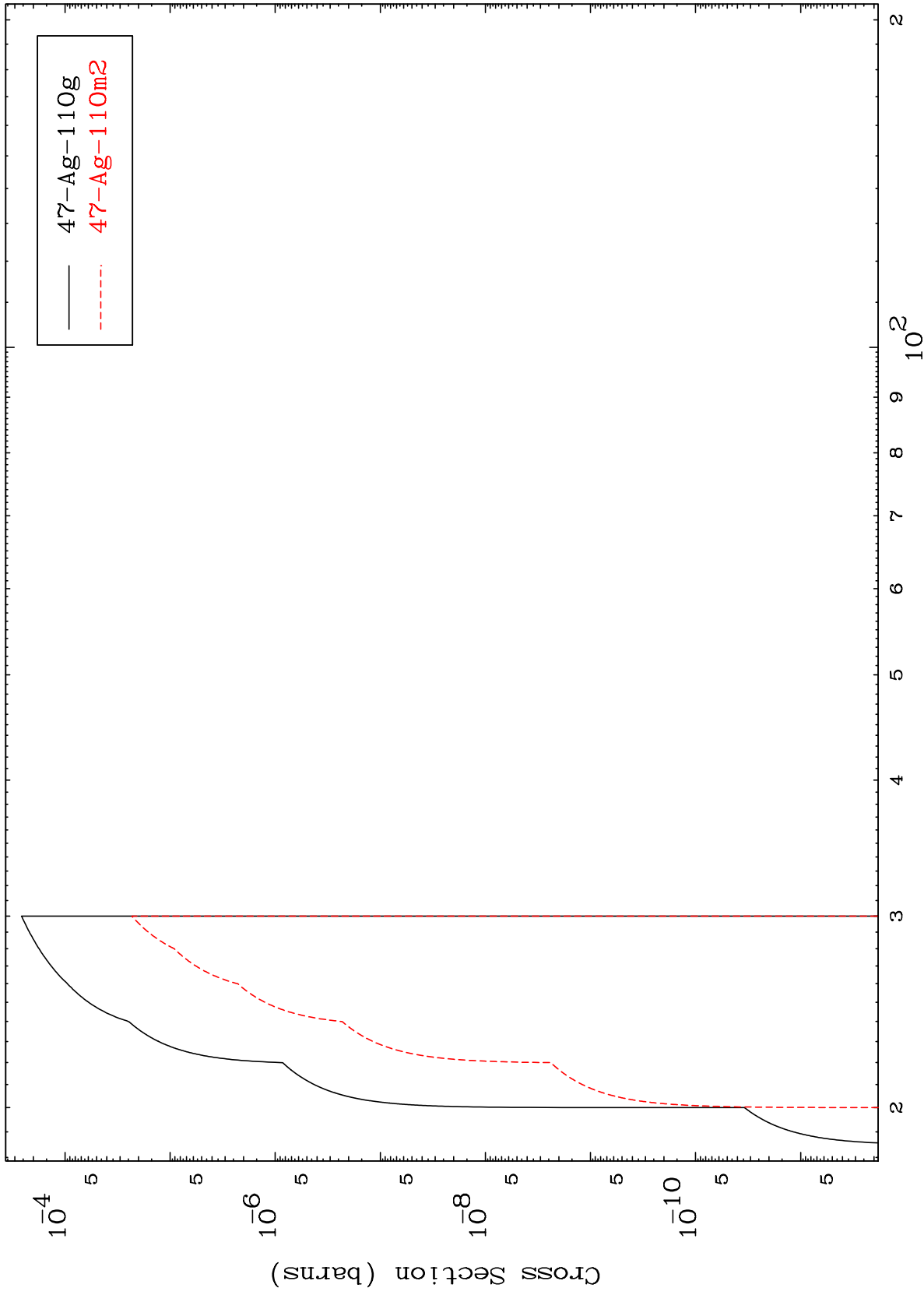
48-Cd-112

MAT 4843

( $\gamma, n'$ ) p

48-Cd-112

Radionuclide Production Cross Section



11

Incident Energy (MeV)

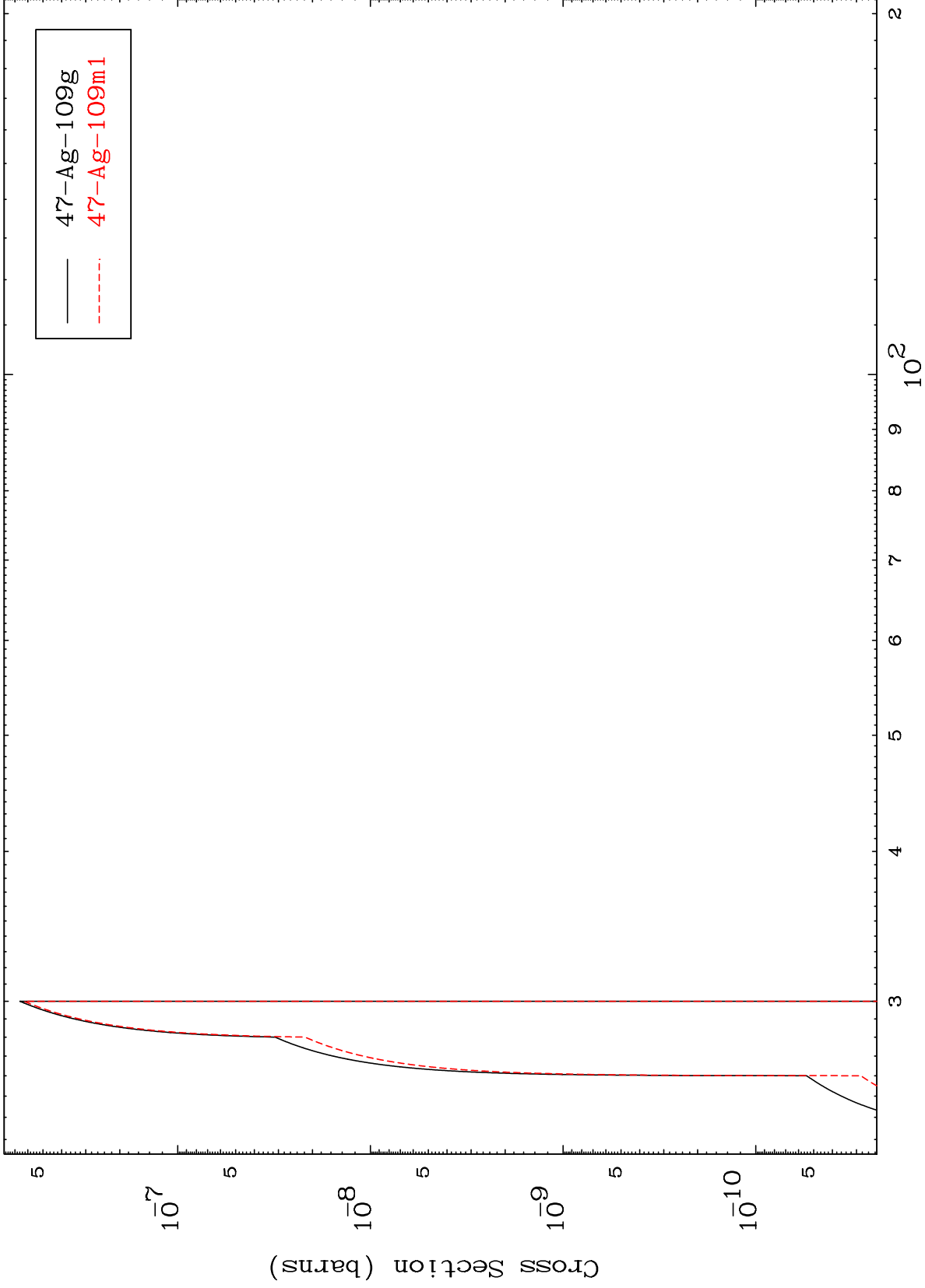
48-Cd-112

MAT 4843

( $\gamma, n'$ ) d

48-Cd-112

Radionuclide Production Cross Section



12

Incident Energy (MeV)

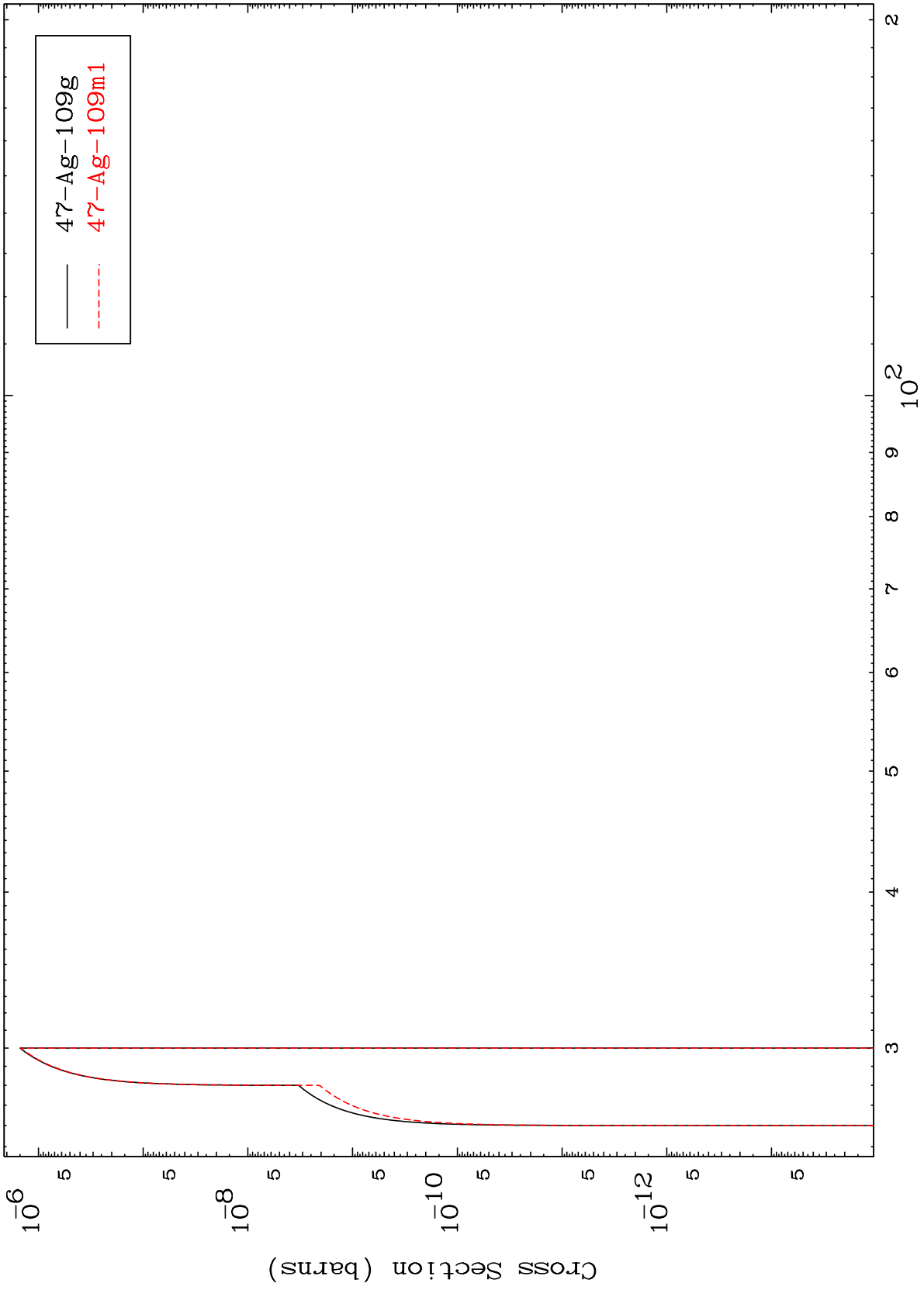
48-Cd-112

MAT 4843

( $\gamma, 2n$ ) p

48-Cd-112

Radionuclide Production Cross Section



13

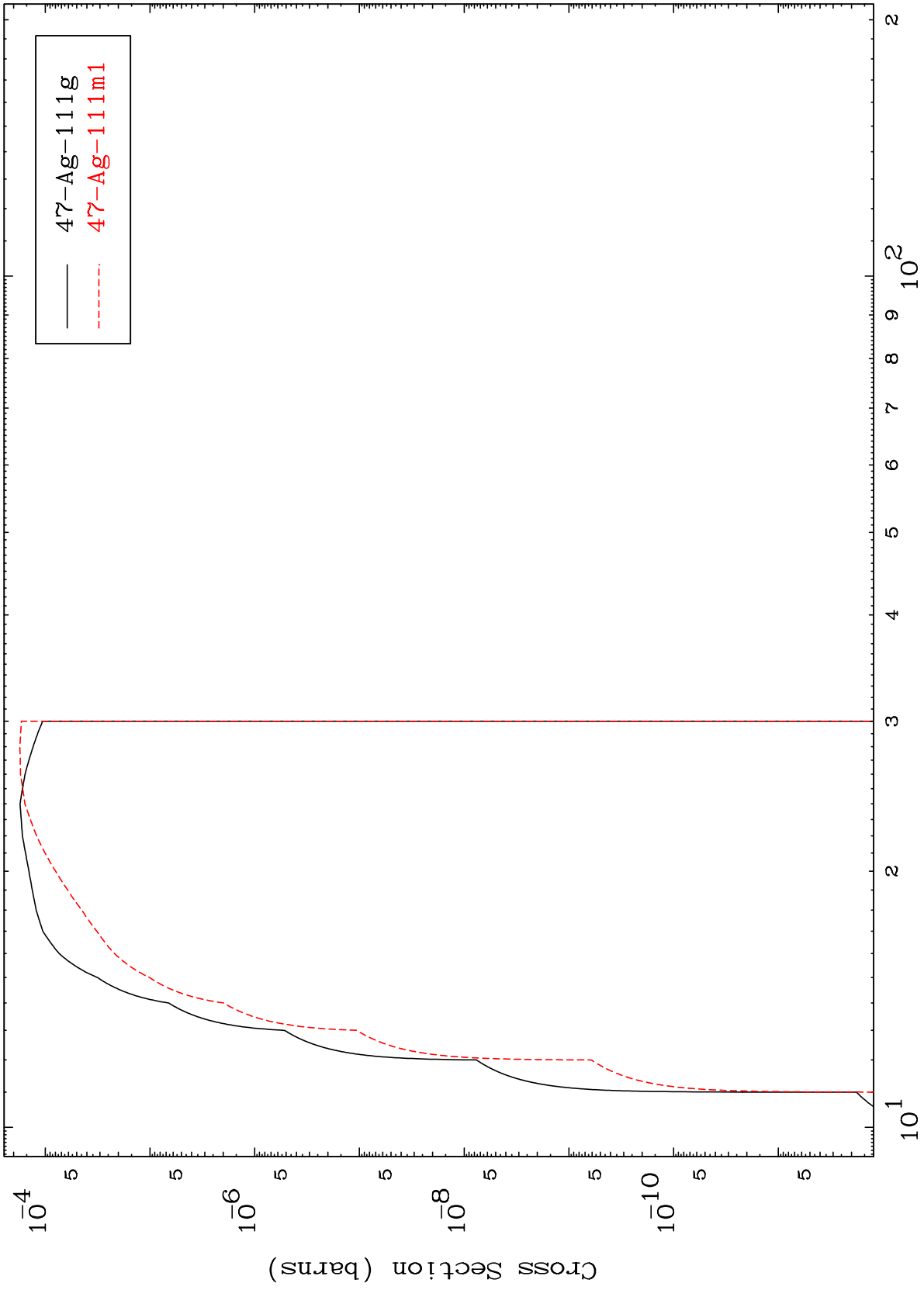
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

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



14

Incident Energy (MeV)

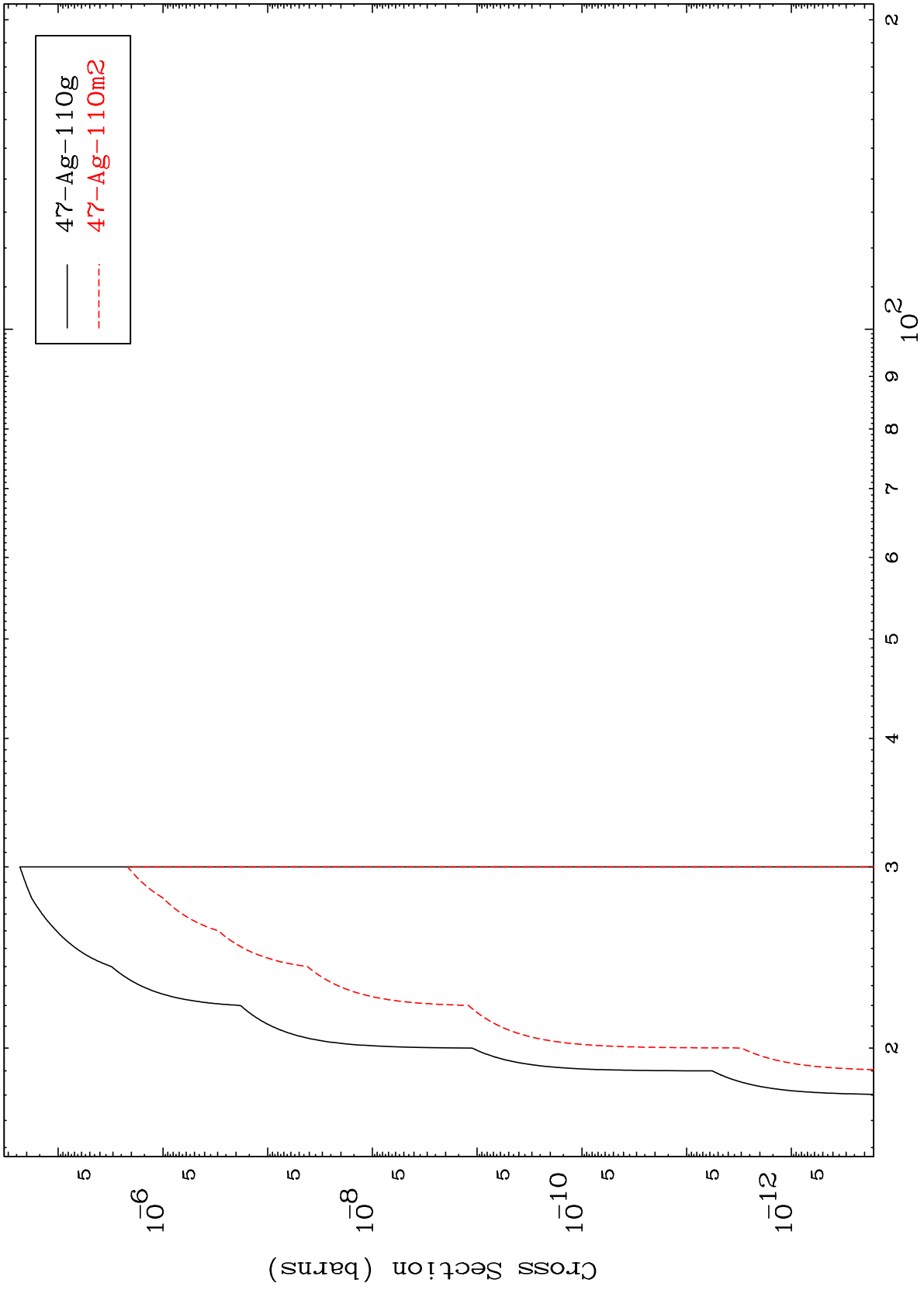
48-Cd-112

MAT 4843

( $\gamma, d$ )

48-Cd-112

Radionuclide Production Cross Section



15

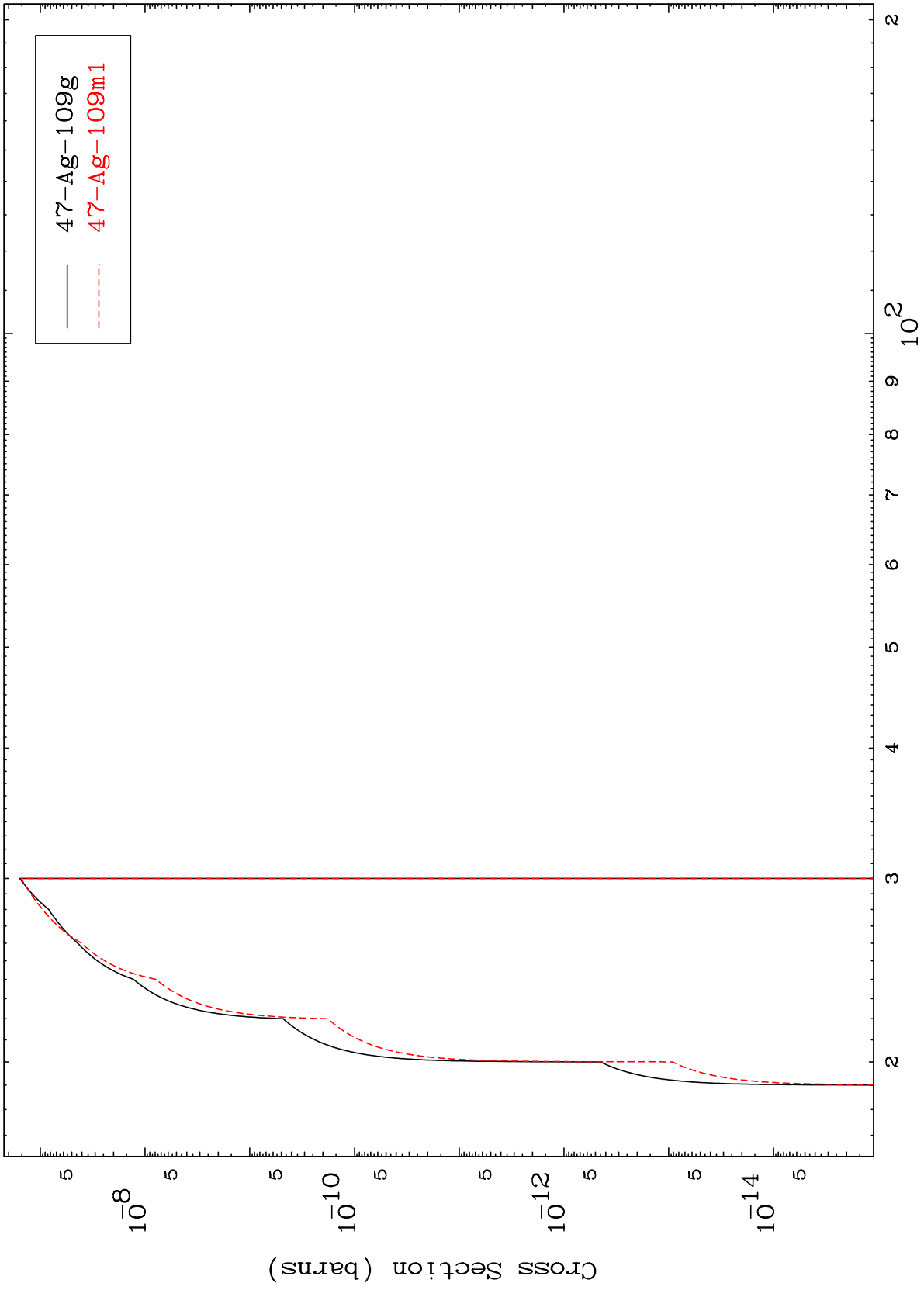
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

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



16

Incident Energy (MeV)

48-Cd-112