

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

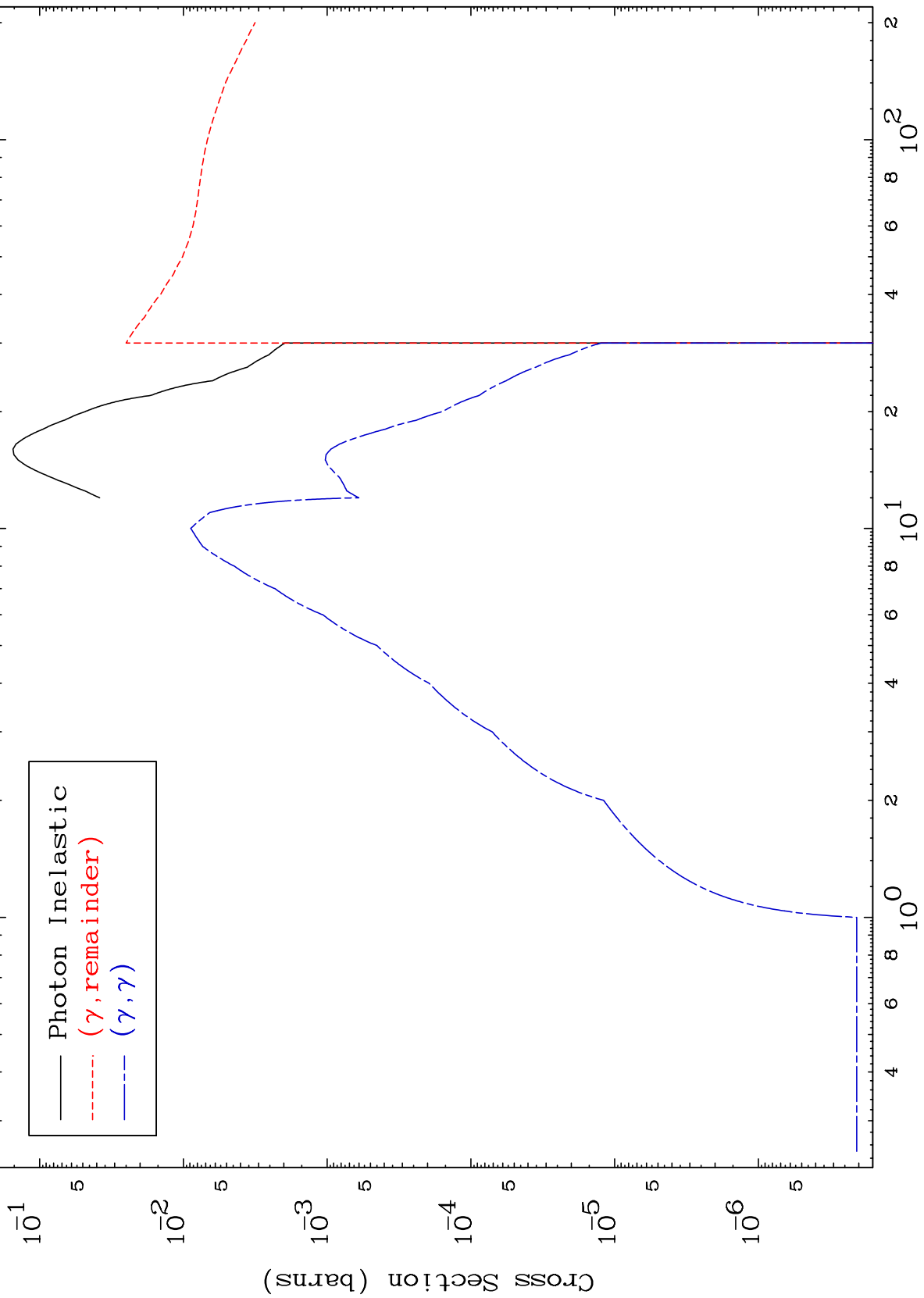
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4819

Photon Major  
0 Kelvin Cross Sections

48-Cd-104



1

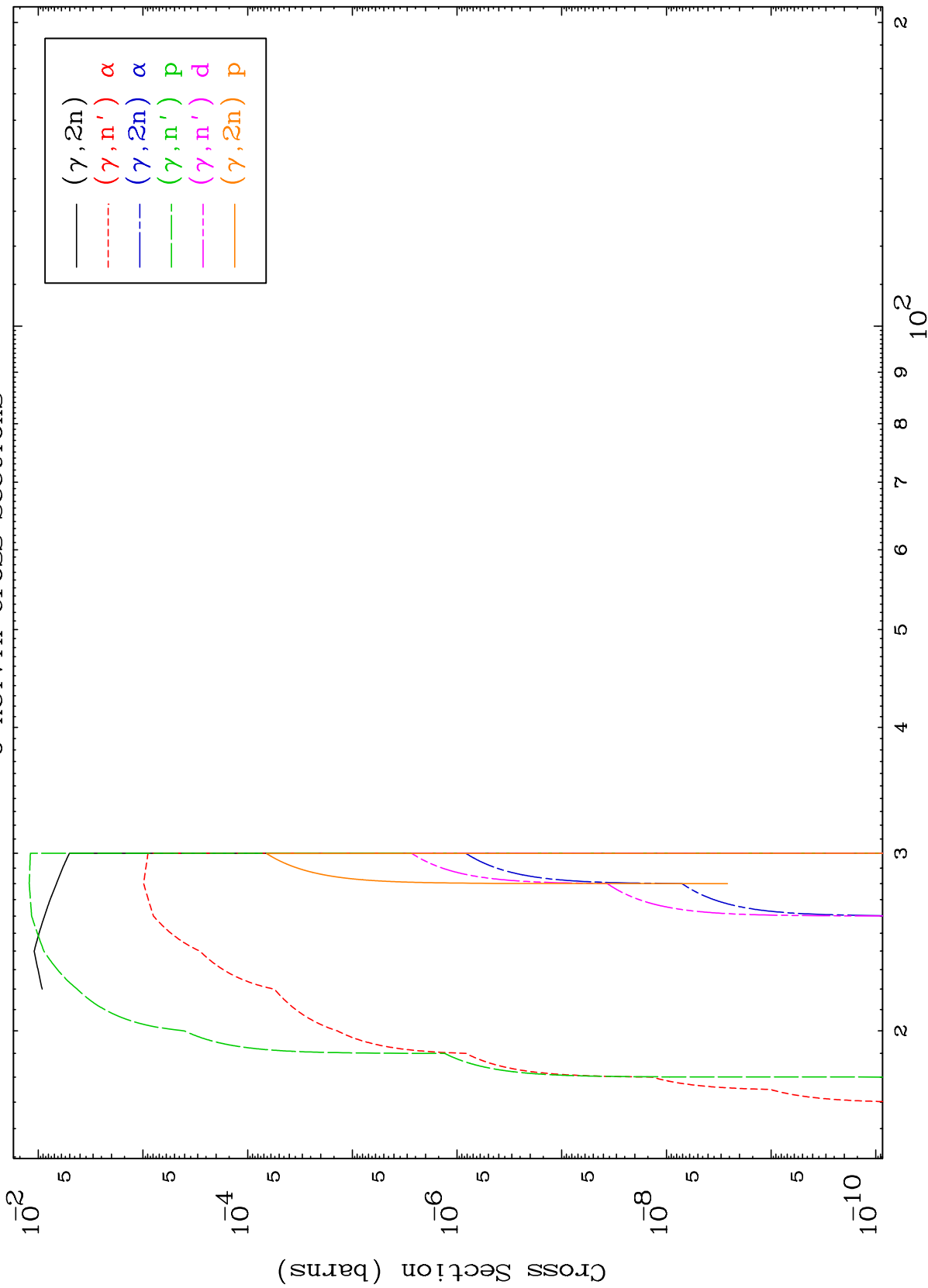
Incident Energy (MeV)

48-Cd-104

MAT 4819

Photon Neutron Production  
0 Kelvin Cross Sections

48-Cd-104



2

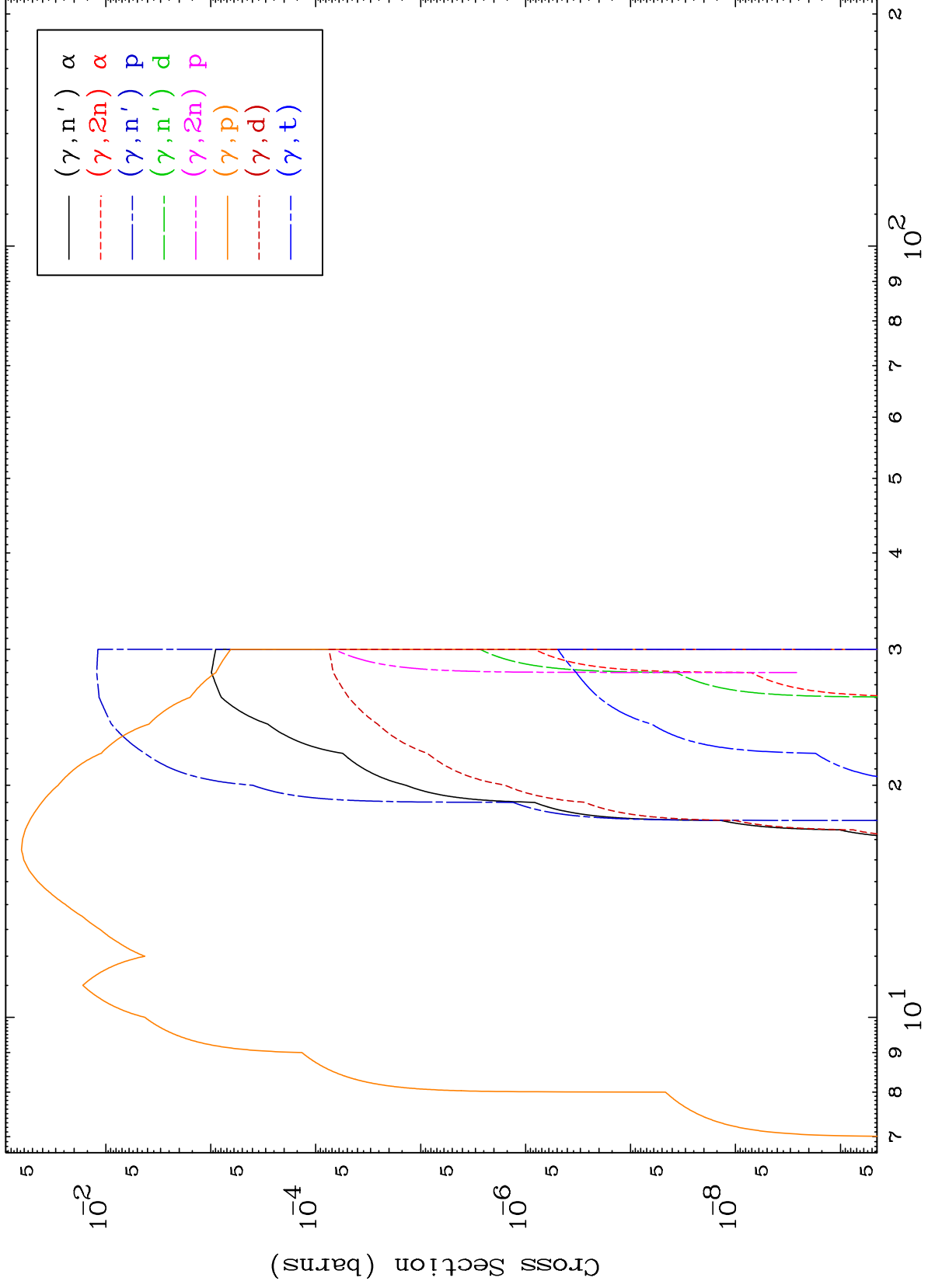
Incident Energy (MeV)

48-Cd-104

MAT 4819

Photon Charged Particle  
0 Kelvin Cross Sections

48-Cd-104



3

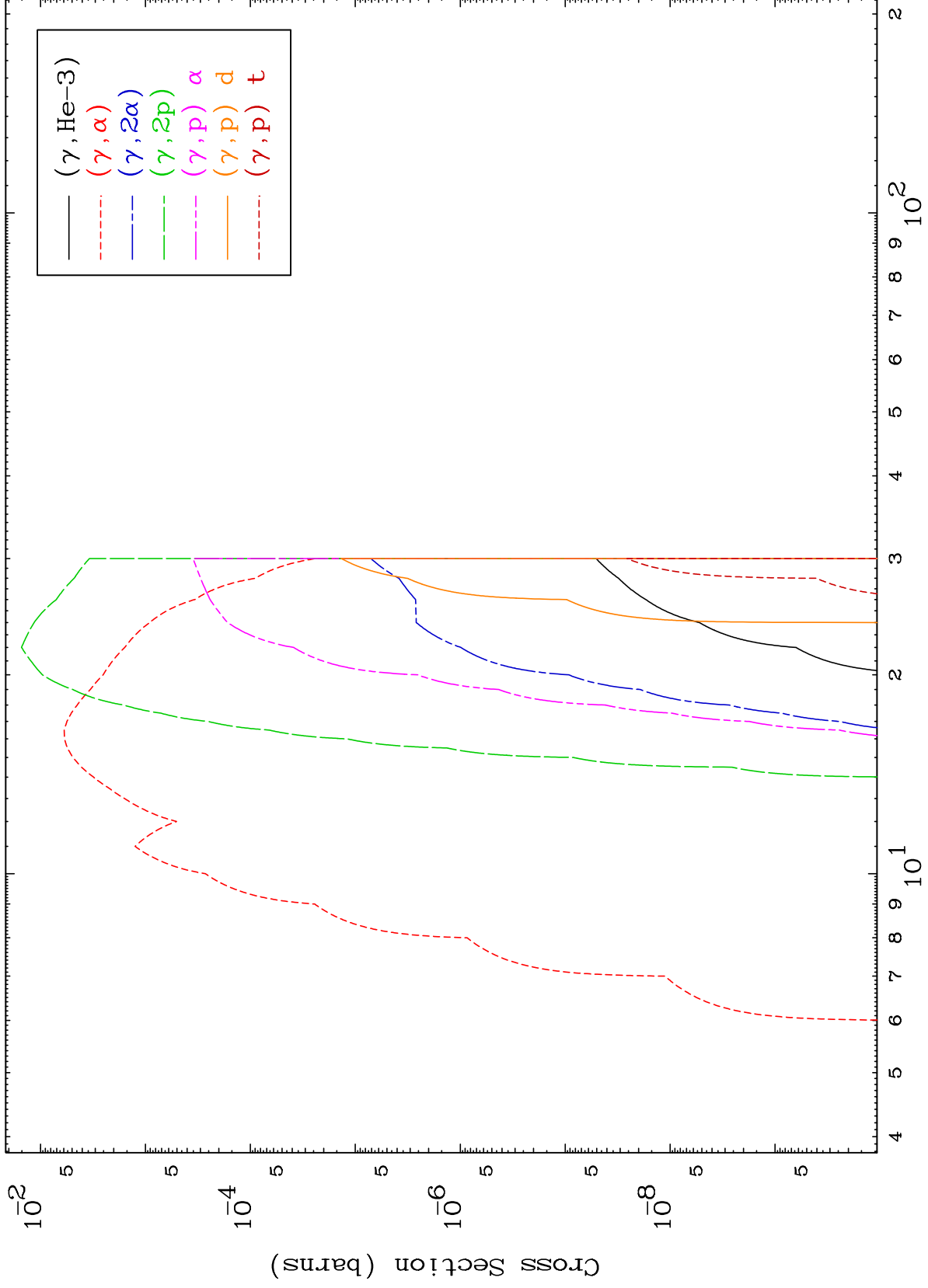
Incident Energy (MeV)

48-Cd-104

MAT 4819

Photon Charged Particle  
0 Kelvin Cross Sections

48-Cd-104



4

Incident Energy (MeV)

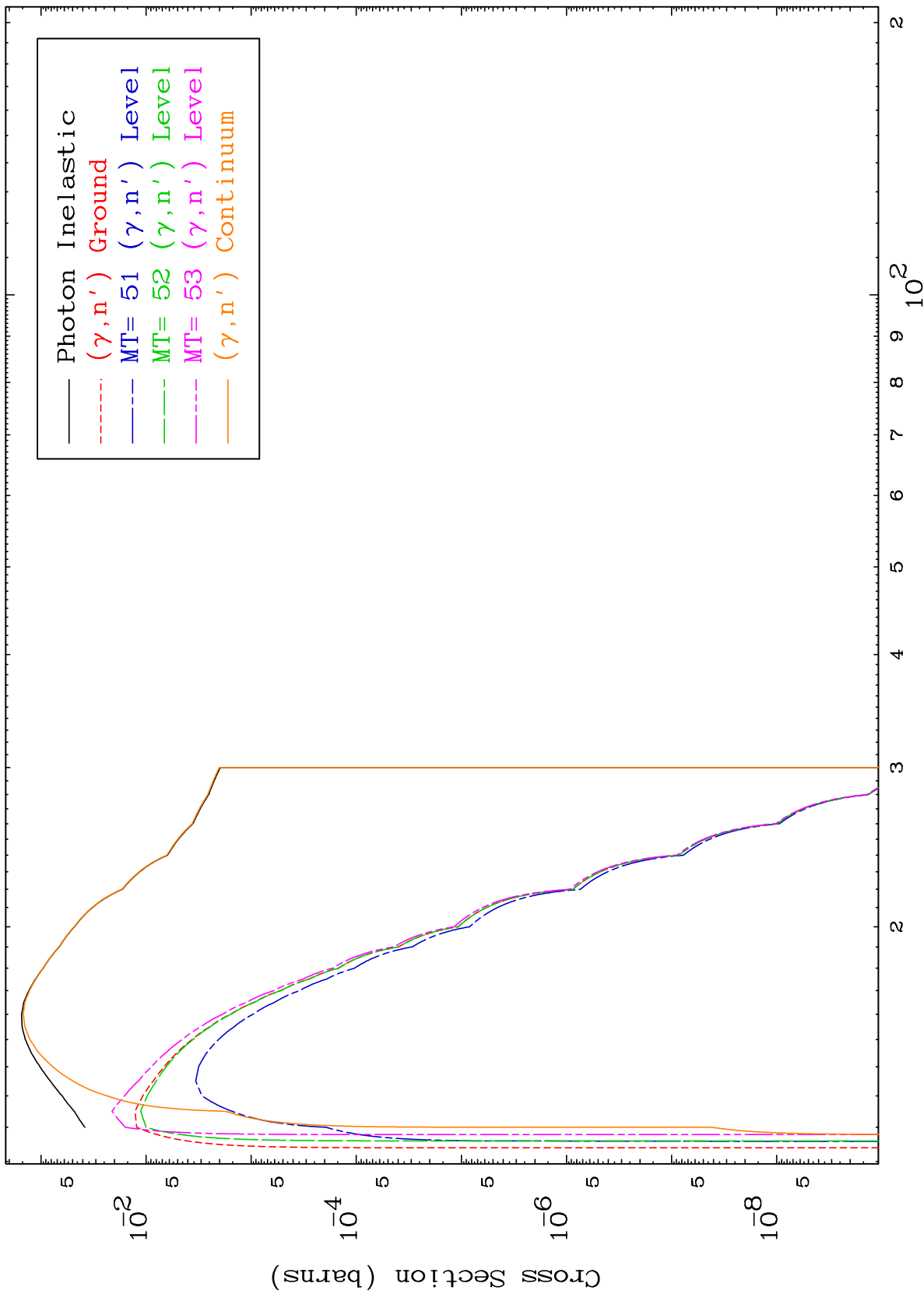
48-Cd-104

MAT 4819

$(\gamma, n')$  Level

48-Cd-104

0 Kelvin Cross Sections



Incident Energy (MeV)

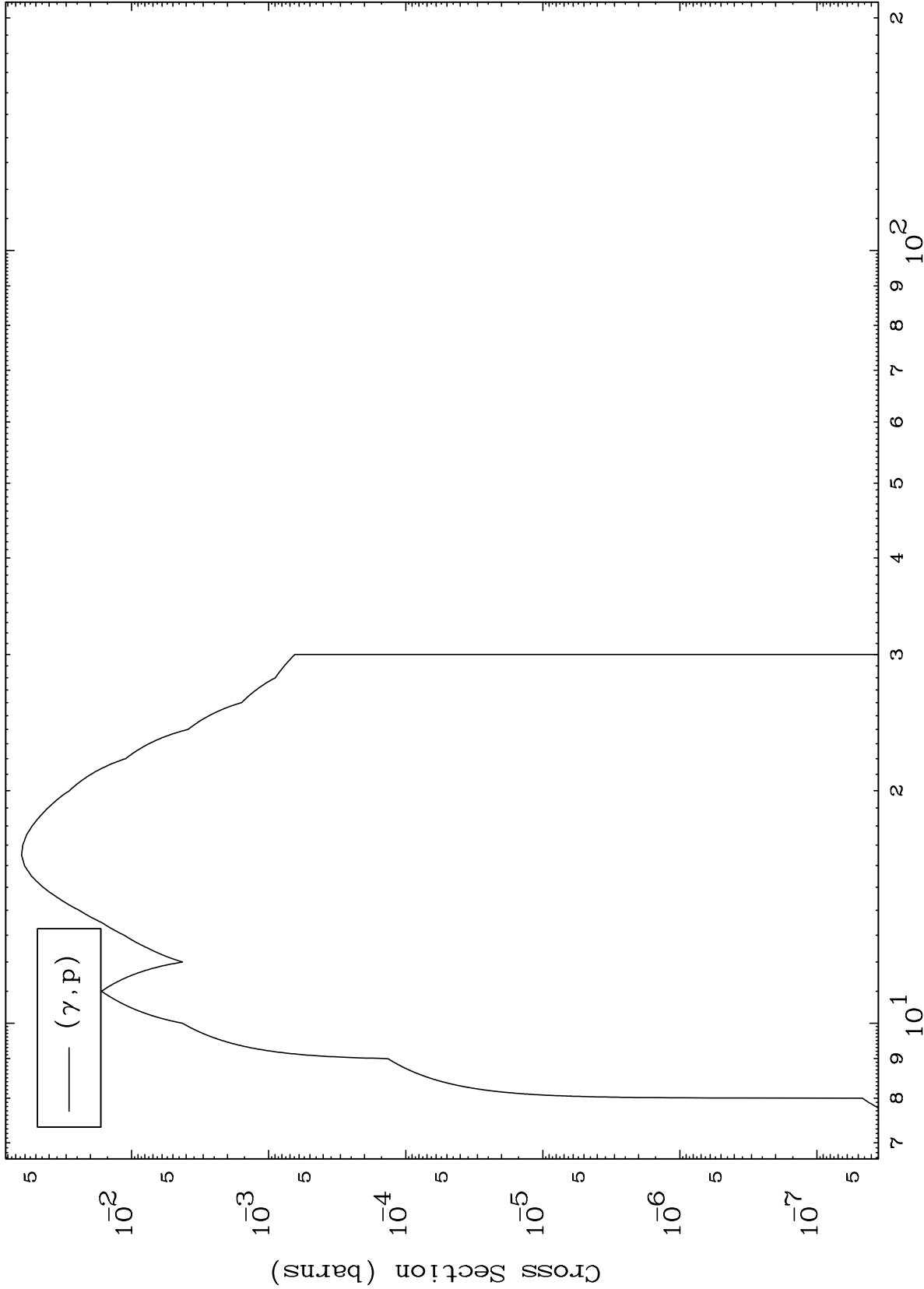
48-Cd-104

5

MAT 4819

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

48-Cd-104



6

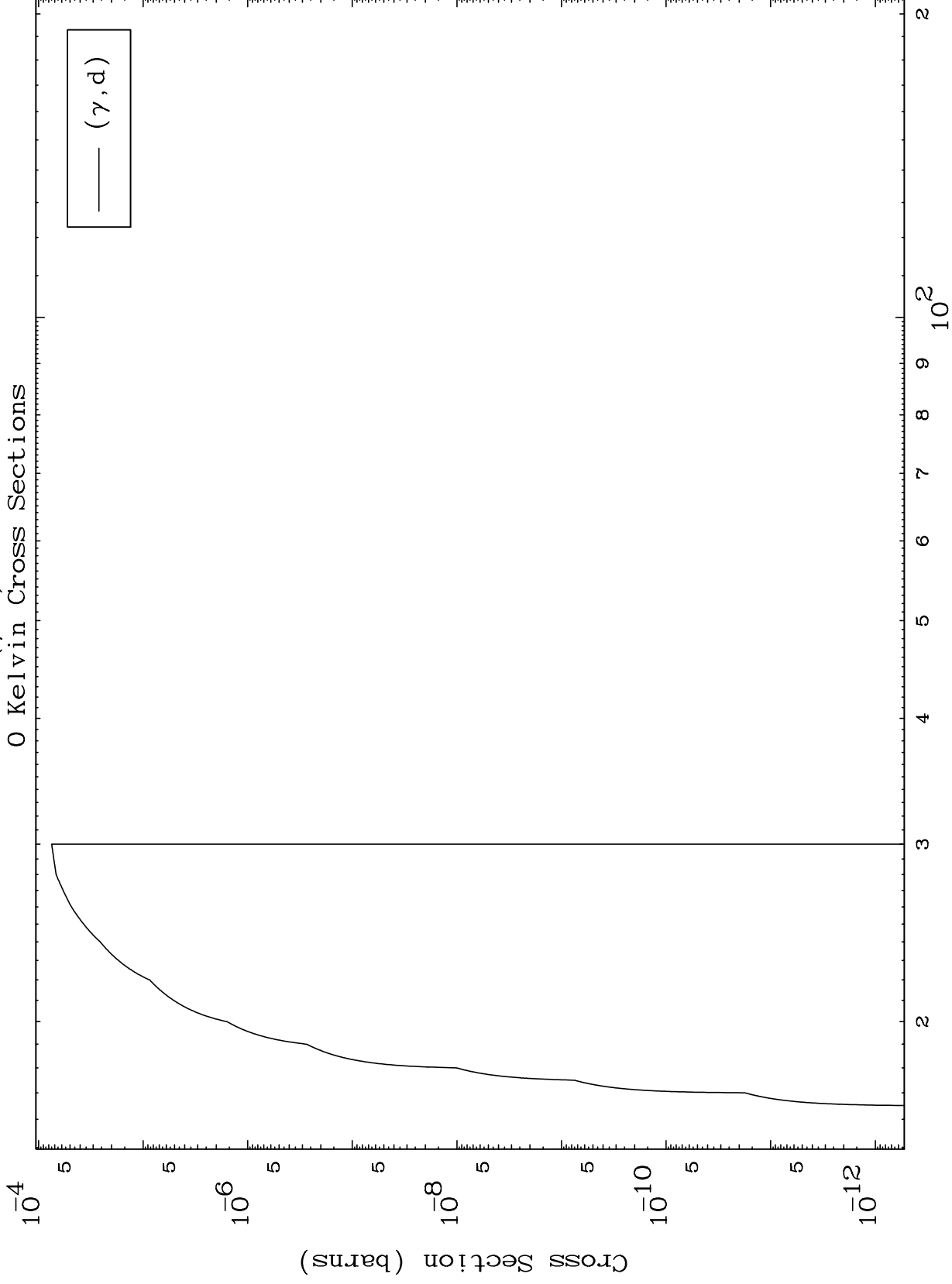
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



7

Incident Energy (MeV)

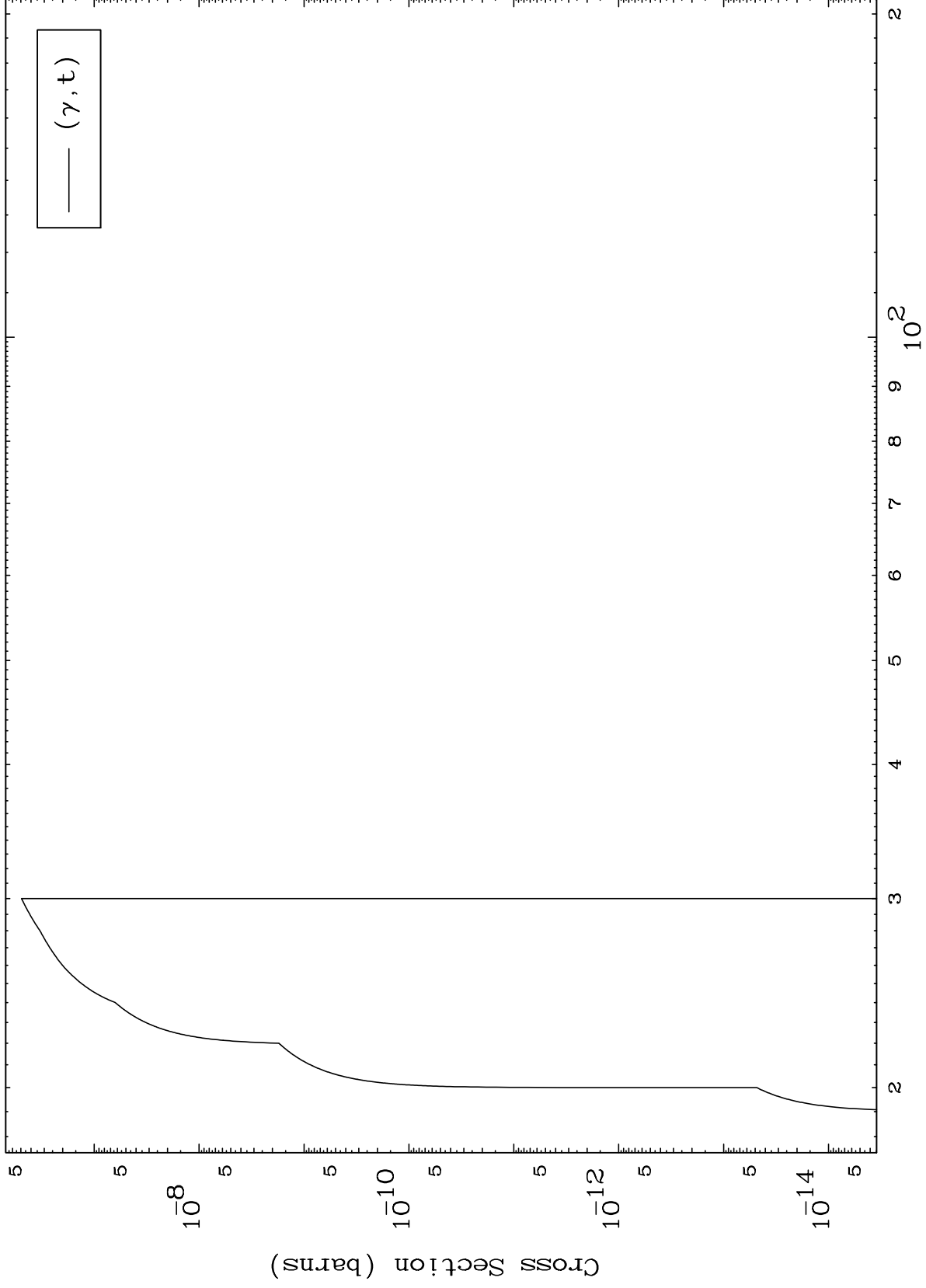
48-Cd-104



MAT 4819

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

48-Cd-104

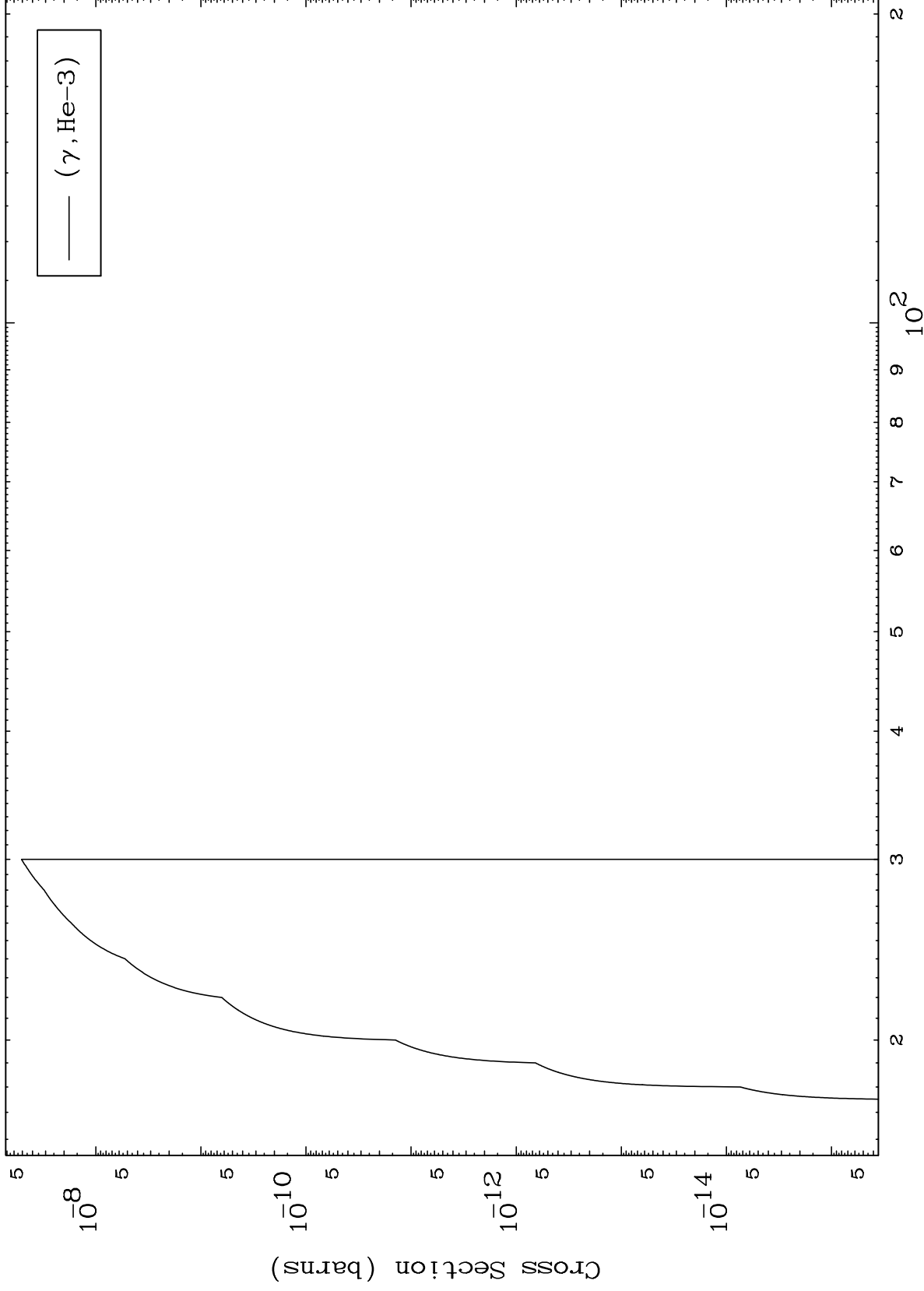


8

Incident Energy (MeV)

48-Cd-104

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

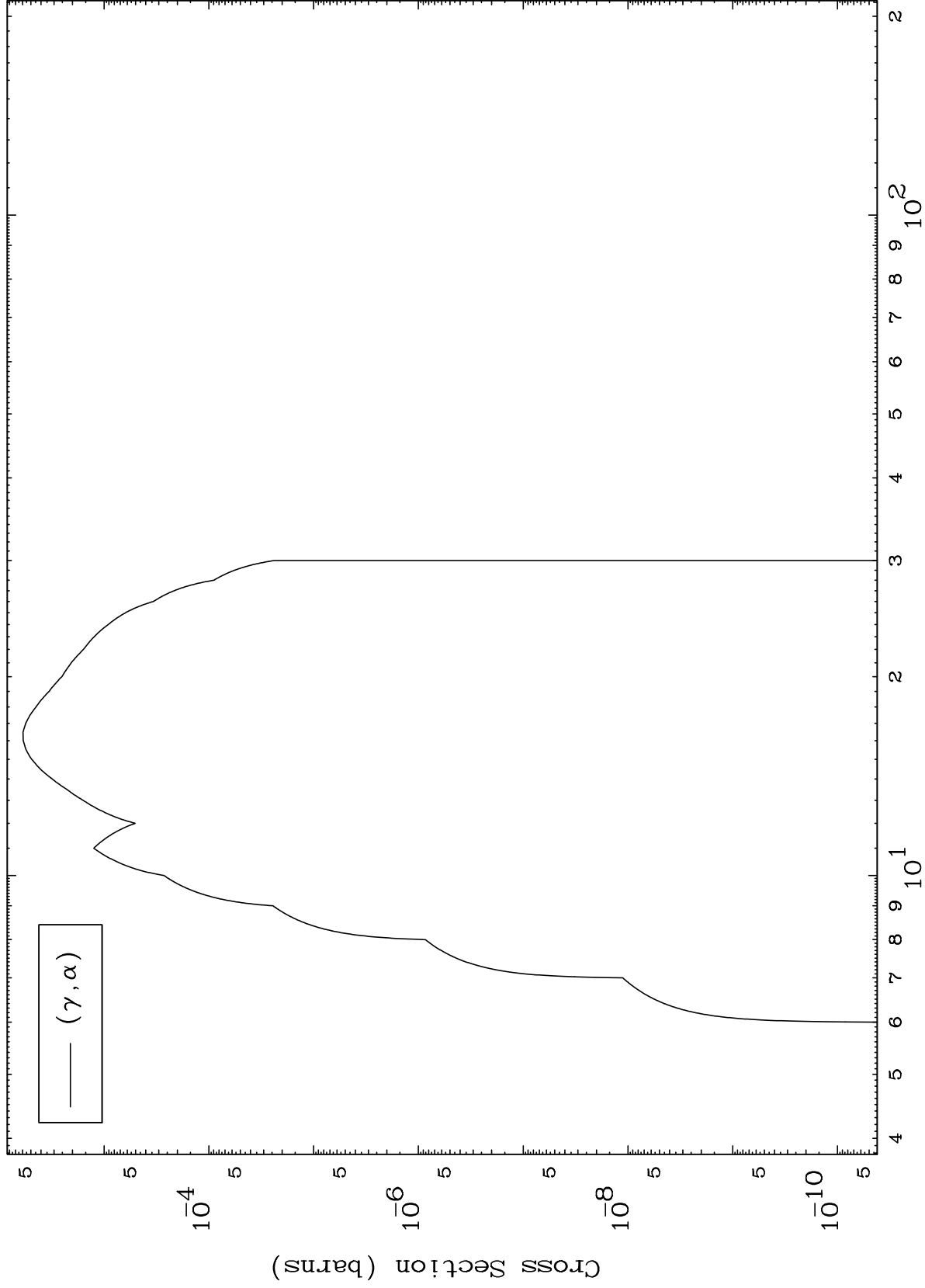


MAT 4819

( $\gamma, \alpha$ ) Levels

48-Cd-104

0 Kelvin Cross Sections



48-Cd-104

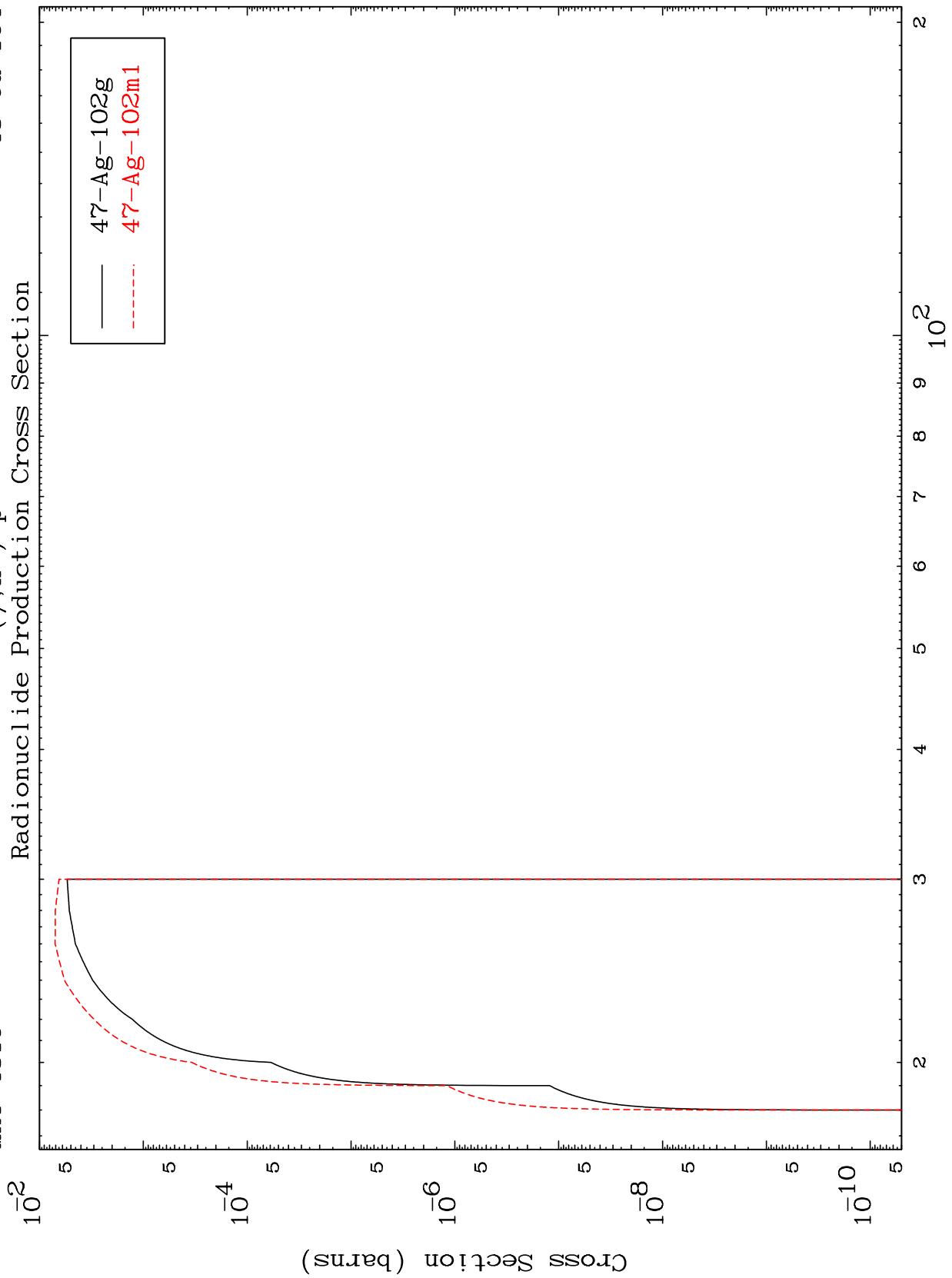
Incident Energy (MeV)

10

MAT 4819

48-Cd-104

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



11

Incident Energy (MeV)

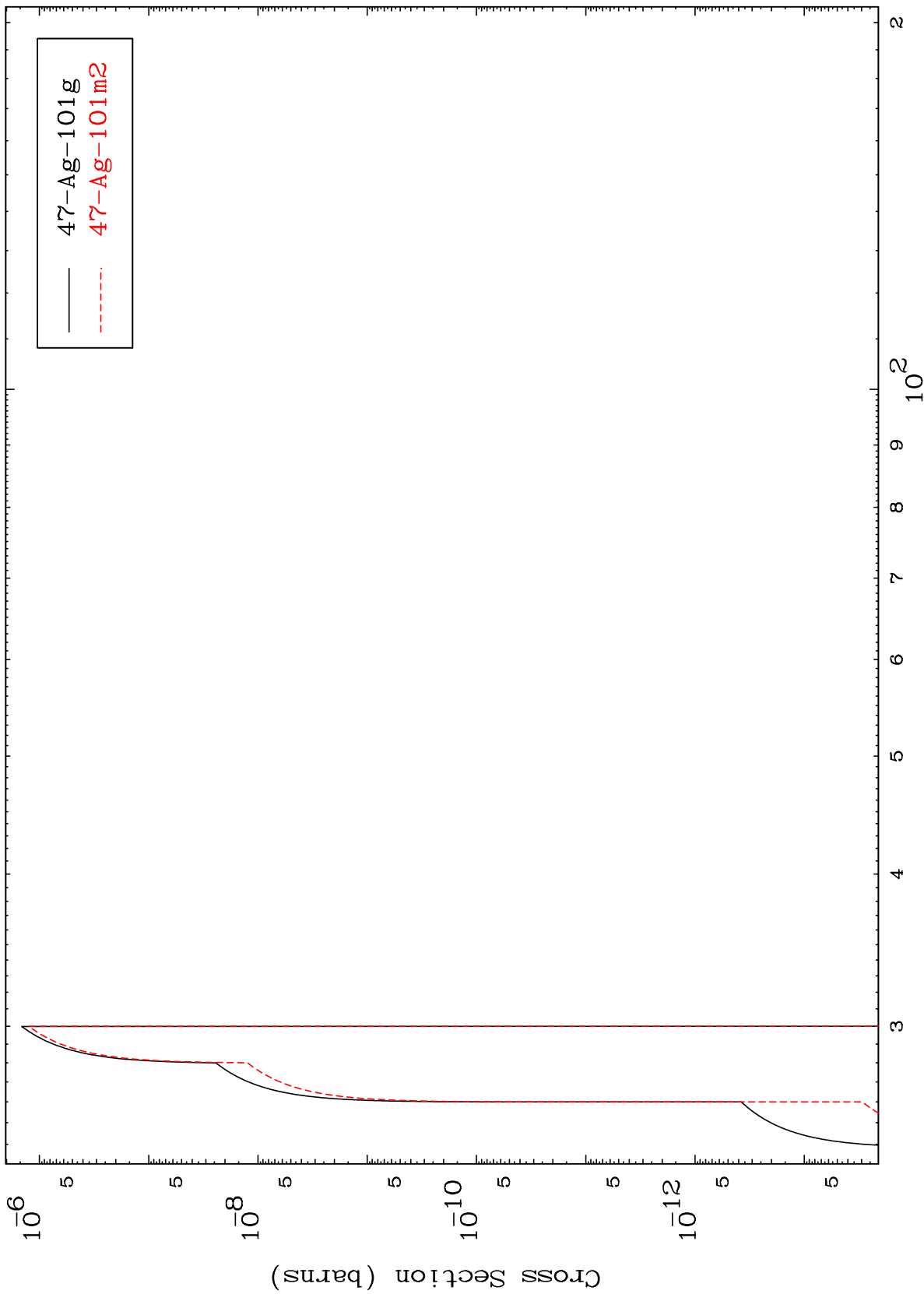
48-Cd-104

MAT 4819

( $\gamma, n'$ ) d

48-Cd-104

Radionuclide Production Cross Section



12

Incident Energy (MeV)

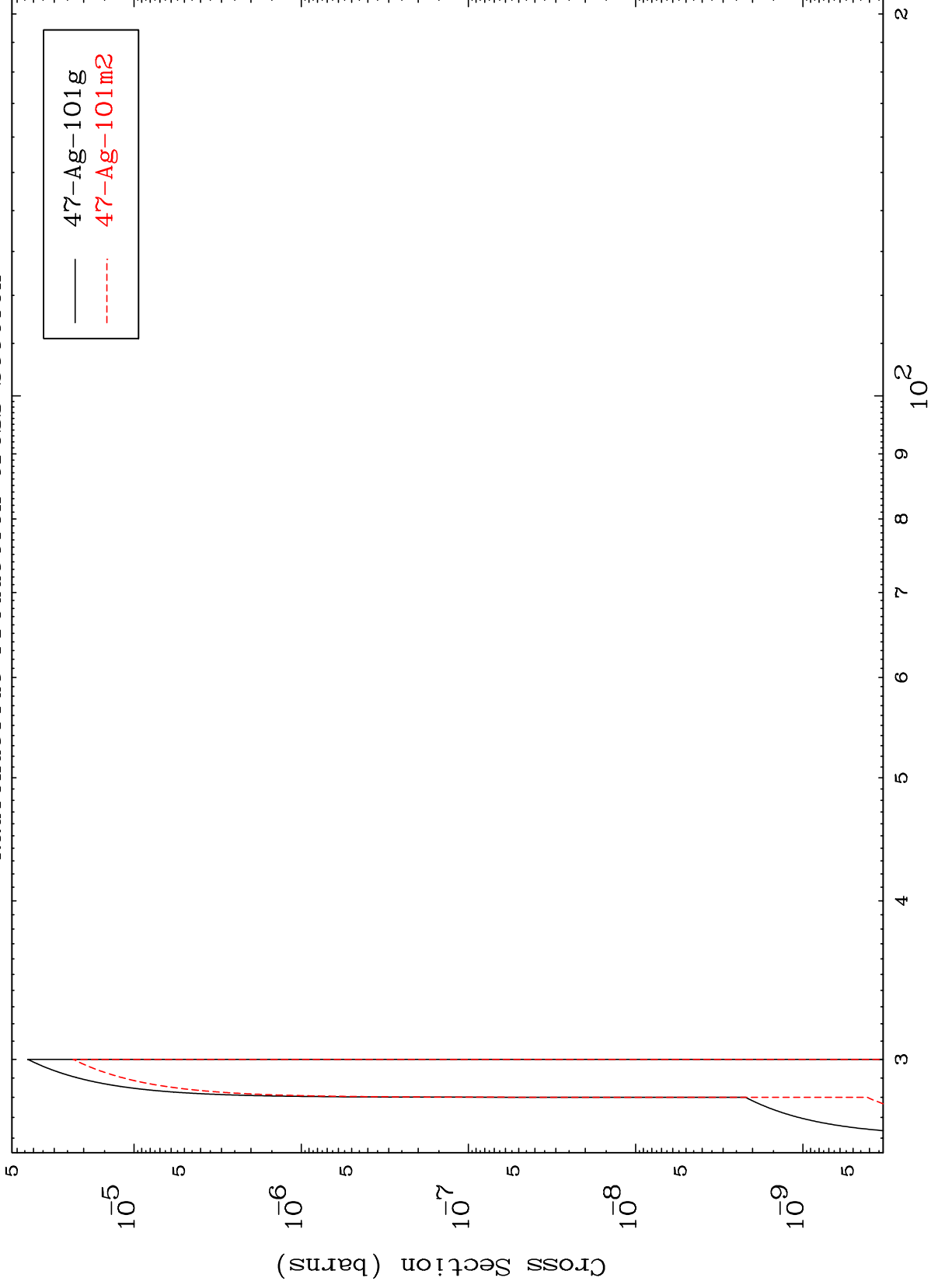
48-Cd-104

MAT 4819

$(\gamma, 2n)$  p

48-Cd-104

Radionuclide Production Cross Section



13

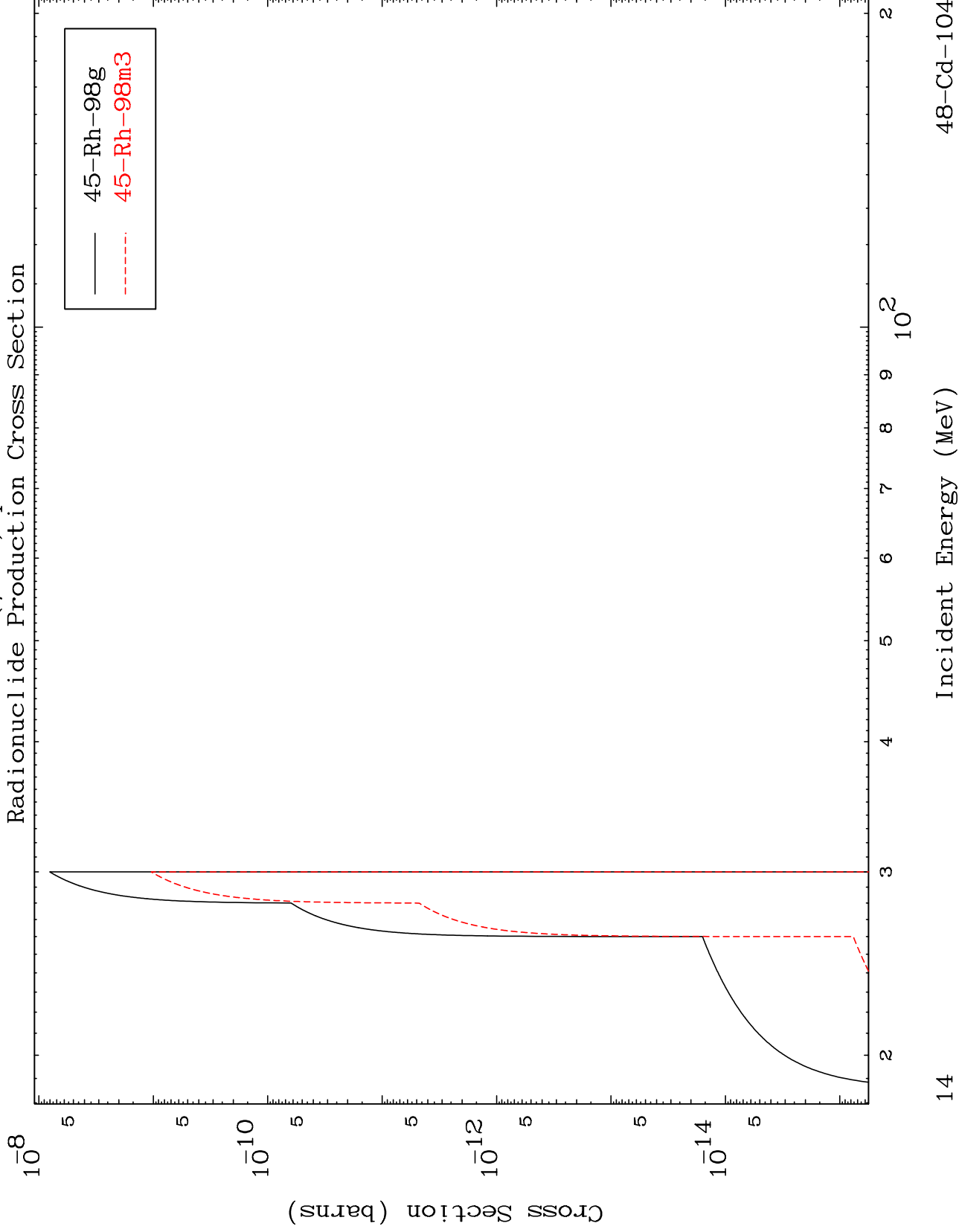
Incident Energy (MeV)

48-Cd-104

MAT 4819

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

48-Cd-104



14

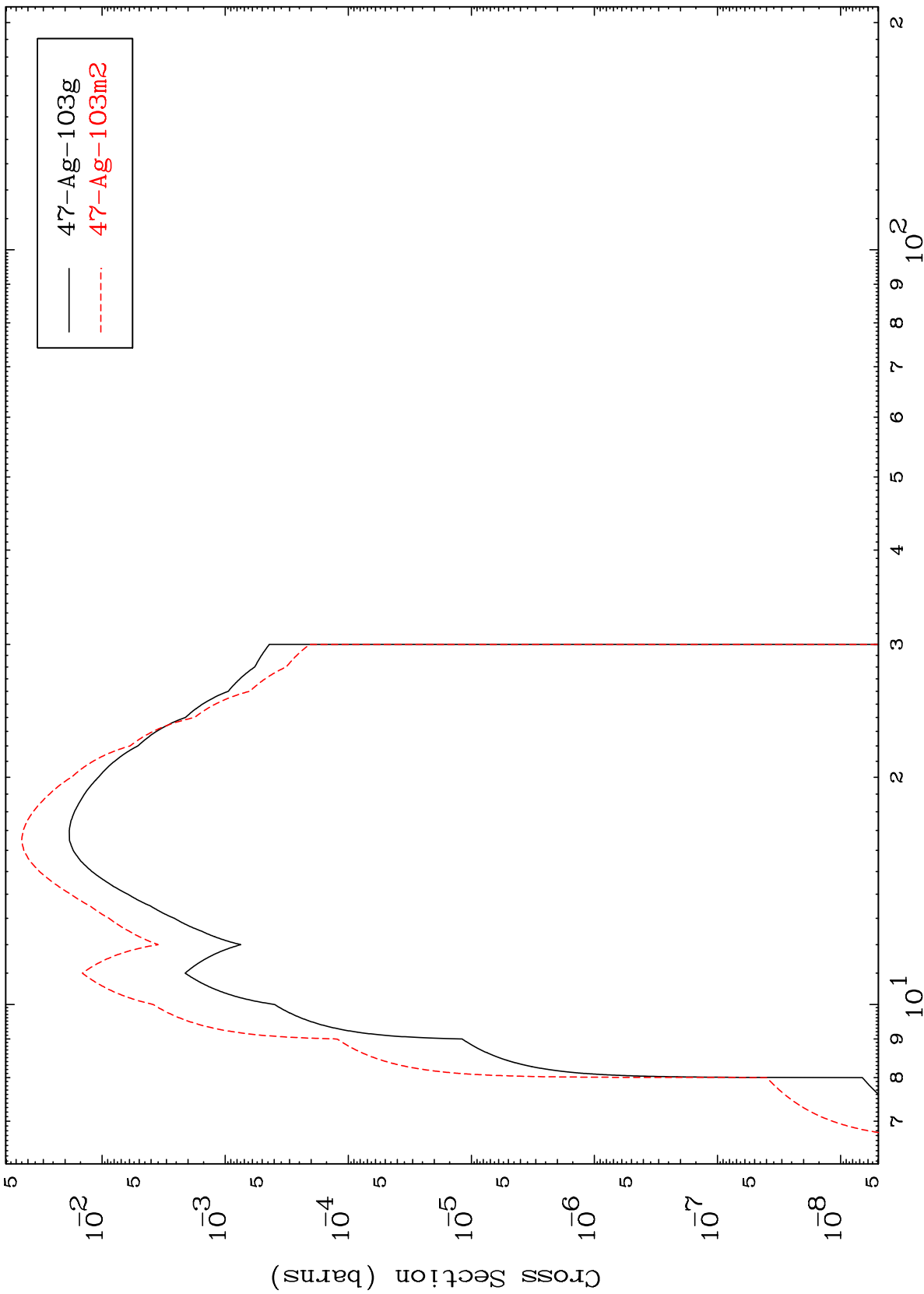
Incident Energy (MeV)

48-Cd-104

MAT 4819

48-Cd-104

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



15

Incident Energy (MeV)

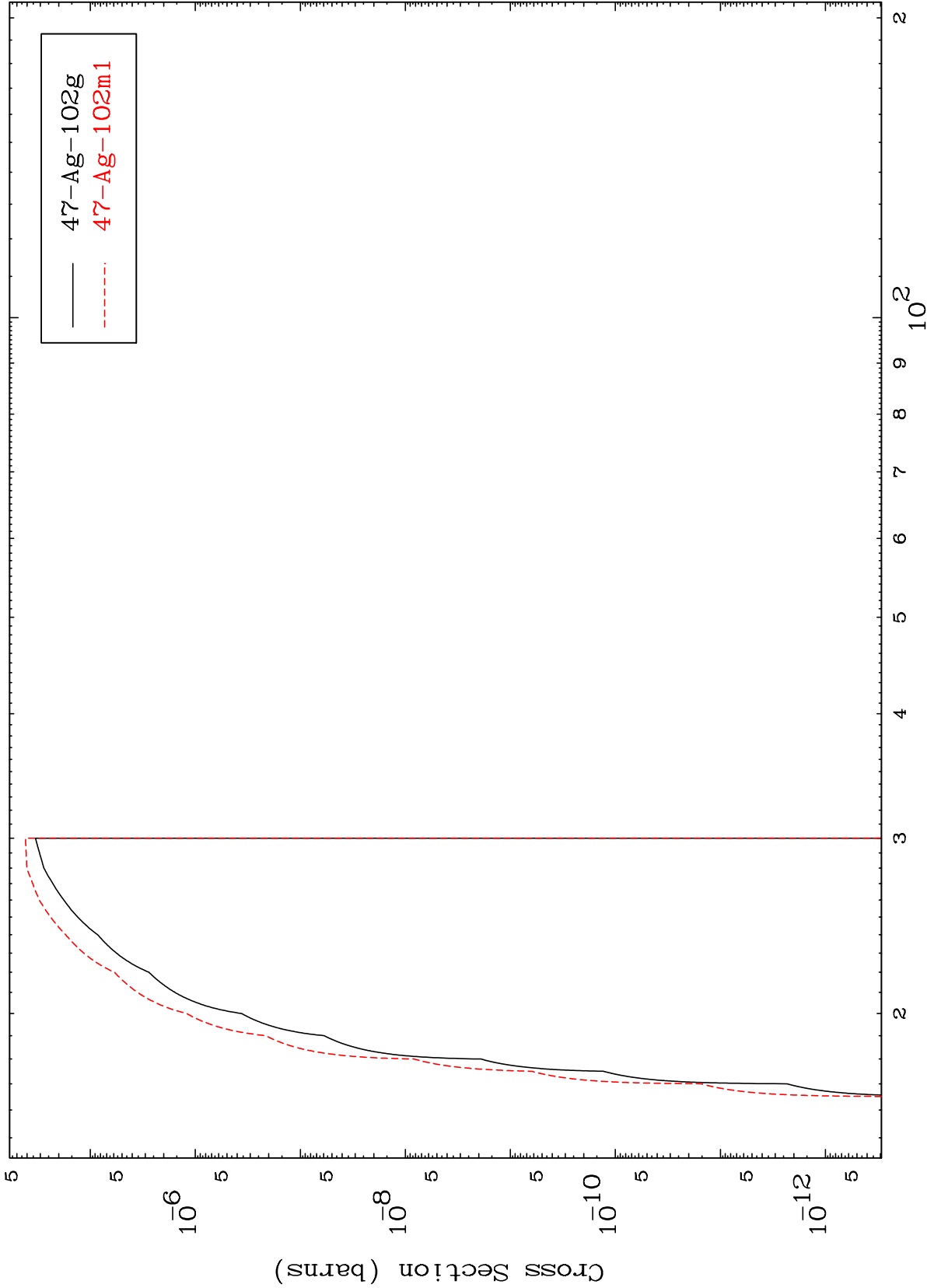
48-Cd-104



MAT 4819

48-Cd-104

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



16

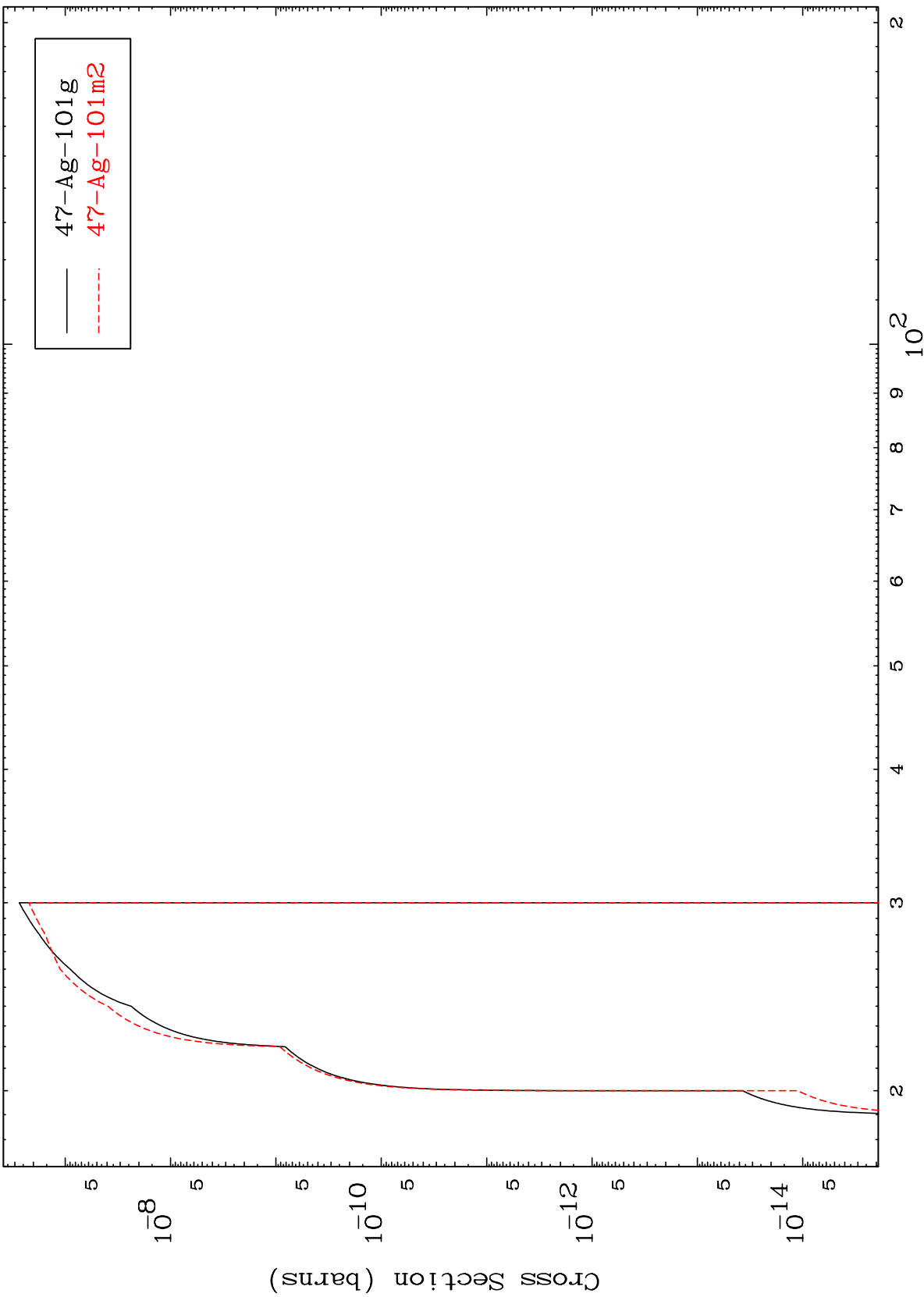
Incident Energy (MeV)

48-Cd-104

MAT 4819

48-Cd-104

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



17

Incident Energy (MeV)

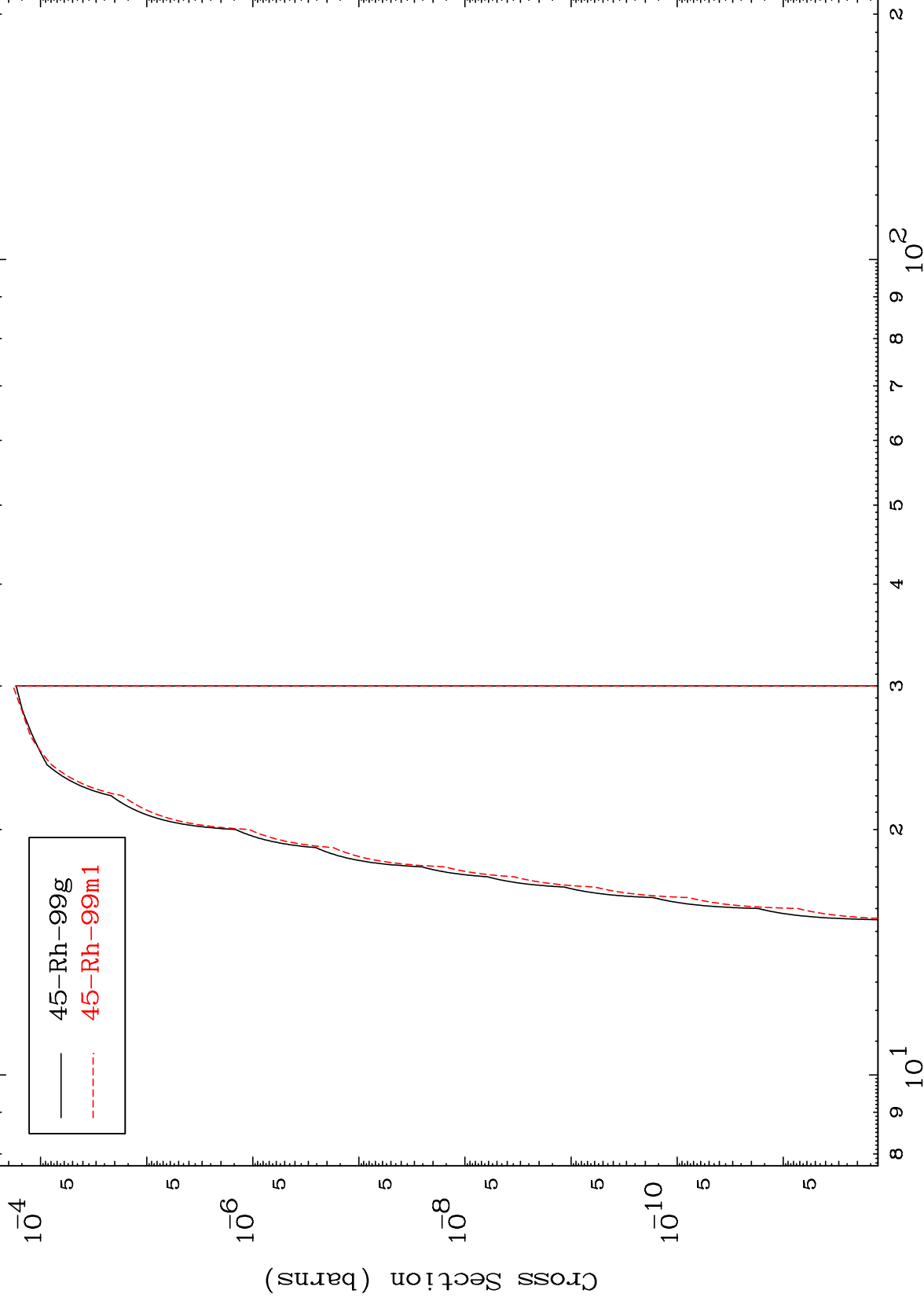
48-Cd-104

MAT 4819

( $\gamma, p$ )  $\alpha$

48-Cd-104

Radionuclide Production Cross Section



18

Incident Energy (MeV)

48-Cd-104