

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

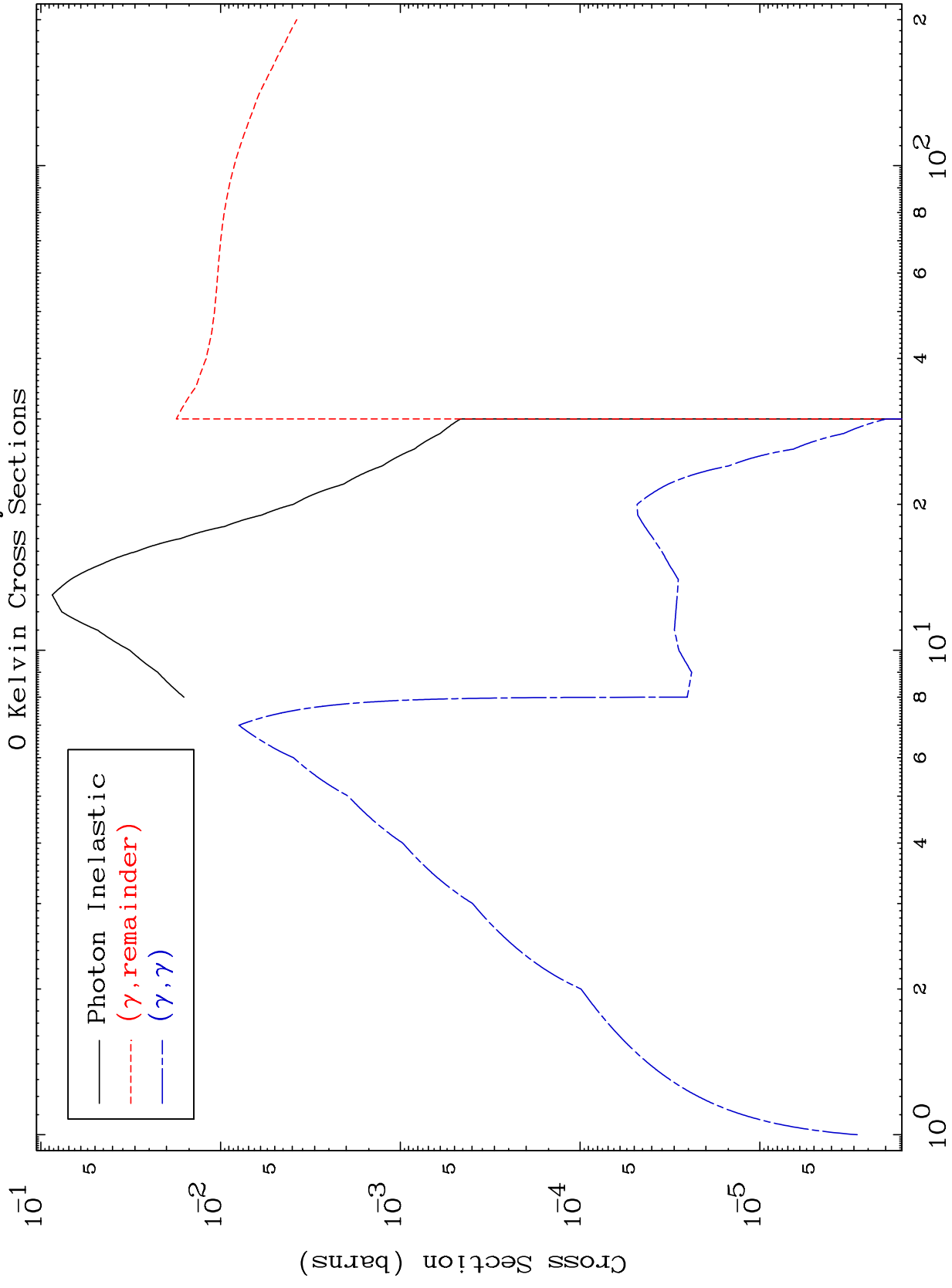
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4879

Photon Major  
0 Kelvin Cross Sections

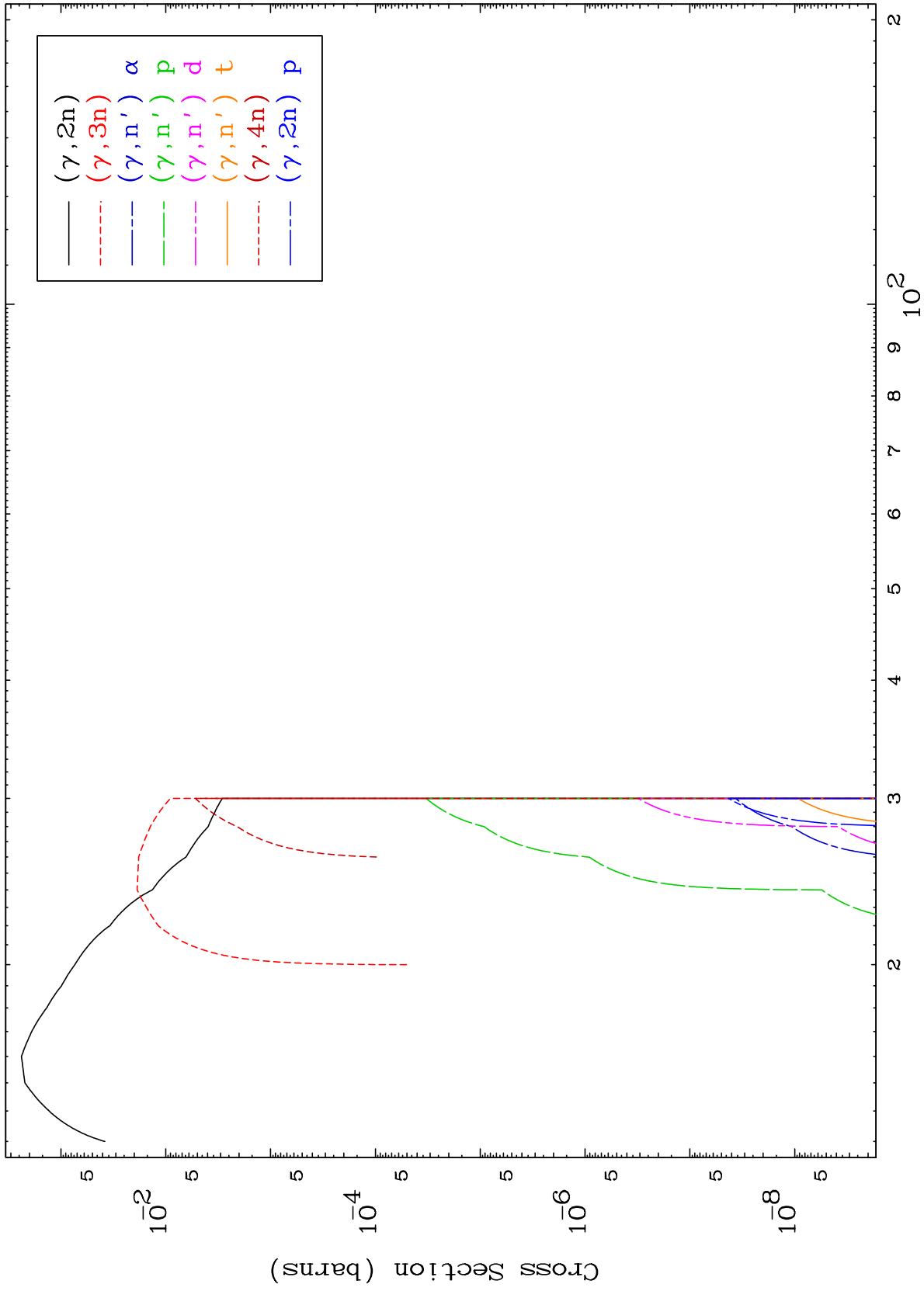
48-Cd-124



Photon Inelastic  
 $(\gamma, \text{remainder})$   
 $(\gamma, \gamma)$

Incident Energy (MeV)

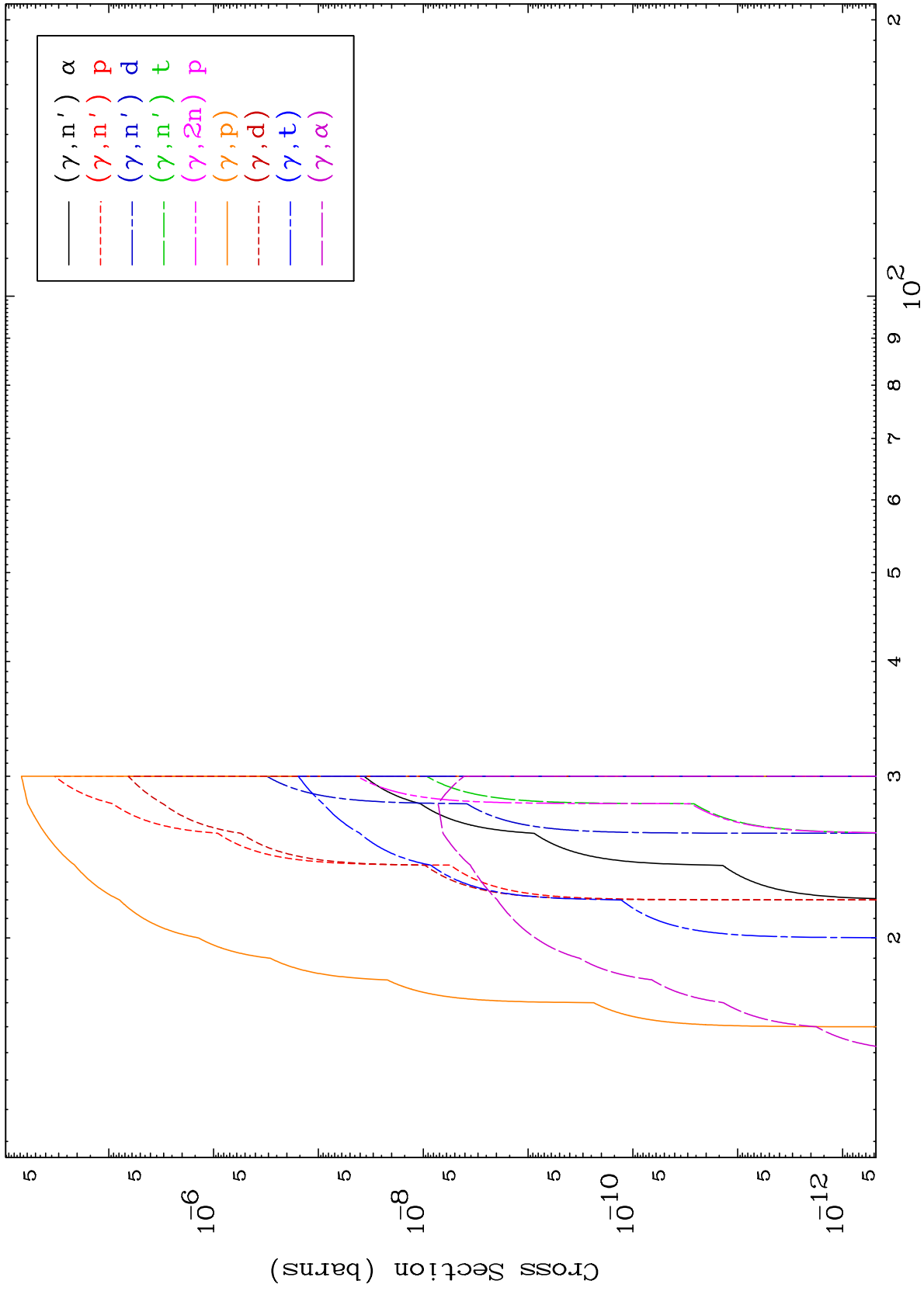
48-Cd-124



MAT 4879

Photon Charged Particle  
0 Kelvin Cross Sections

48-Cd-124



3

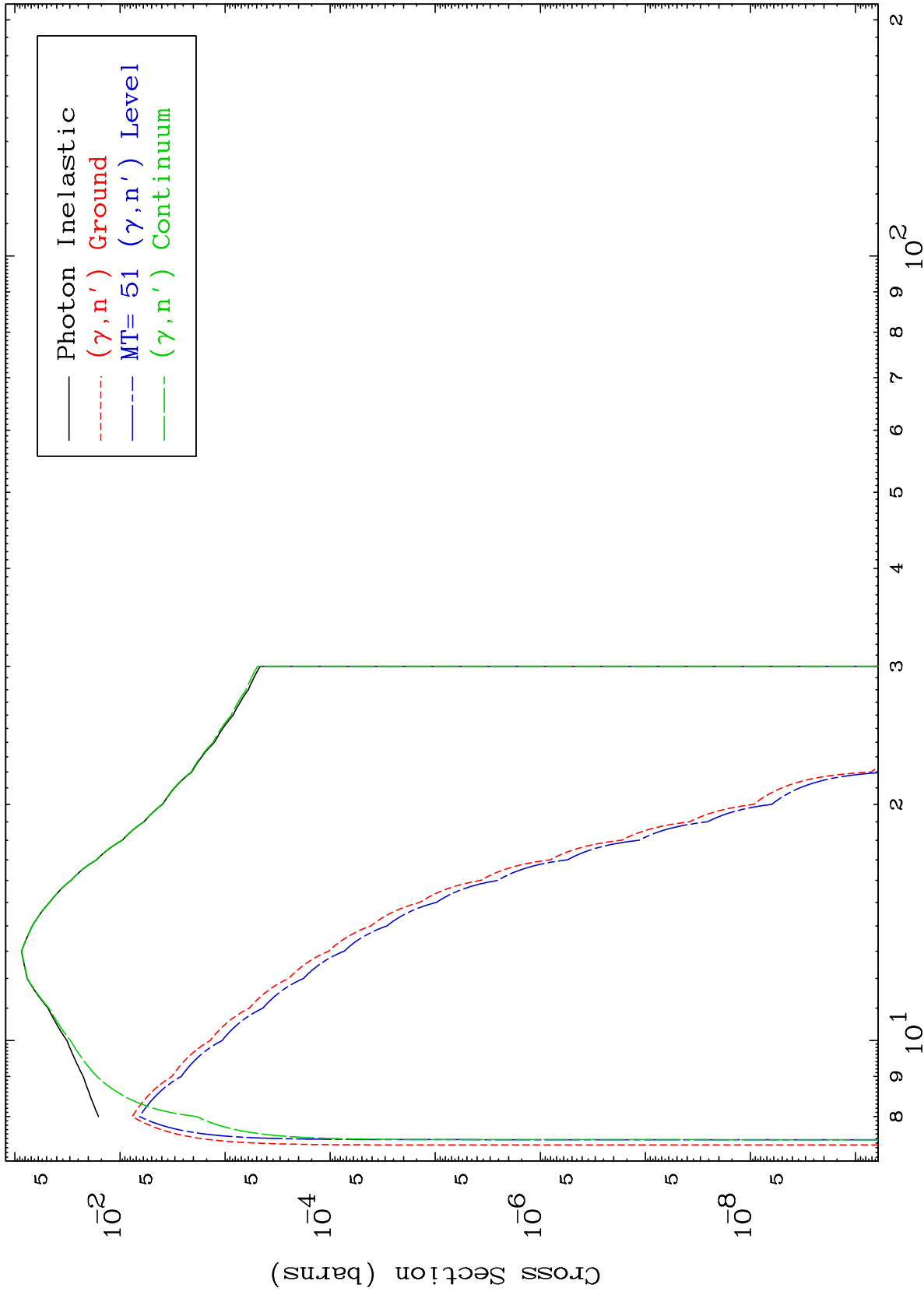
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



4

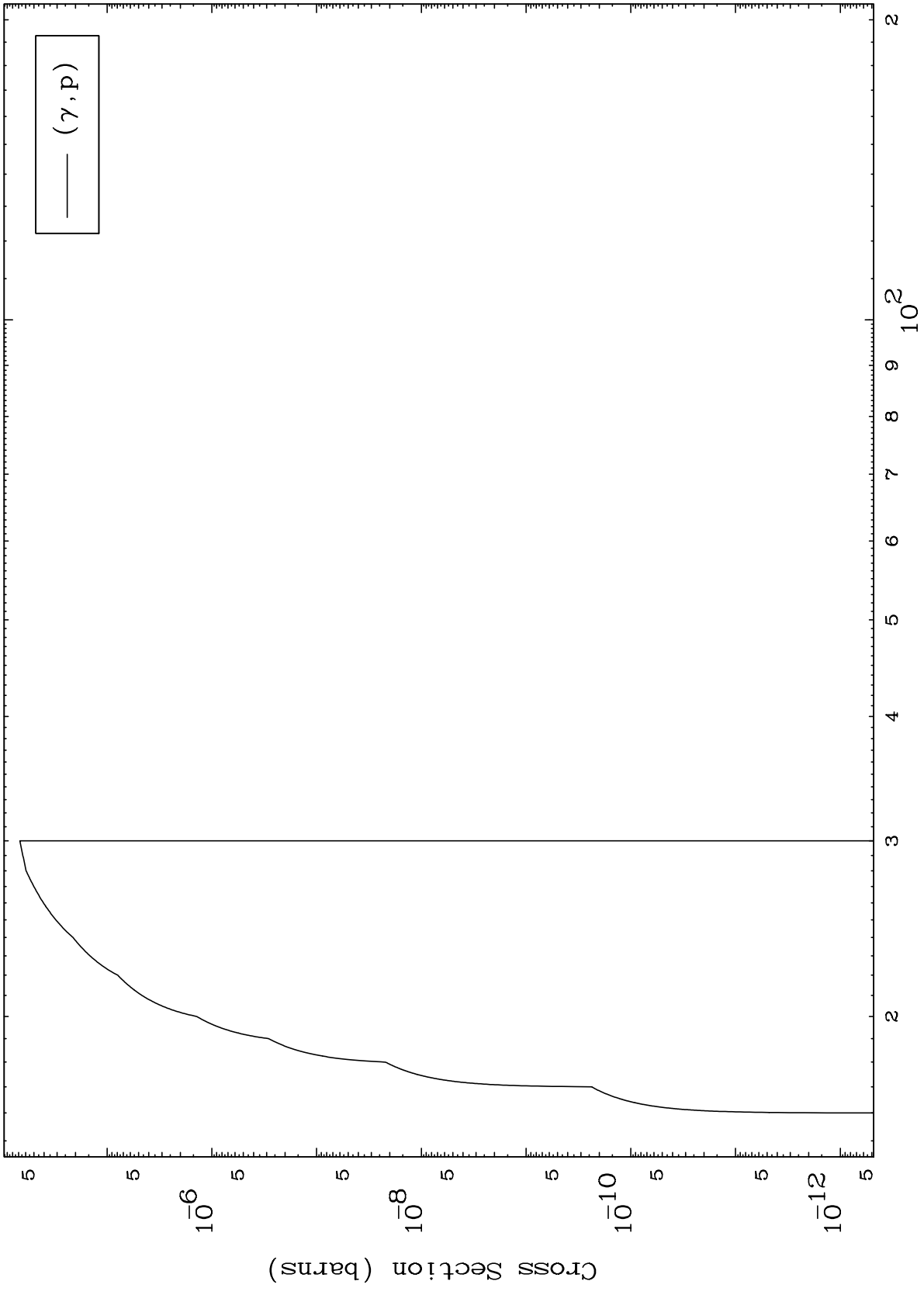
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



5

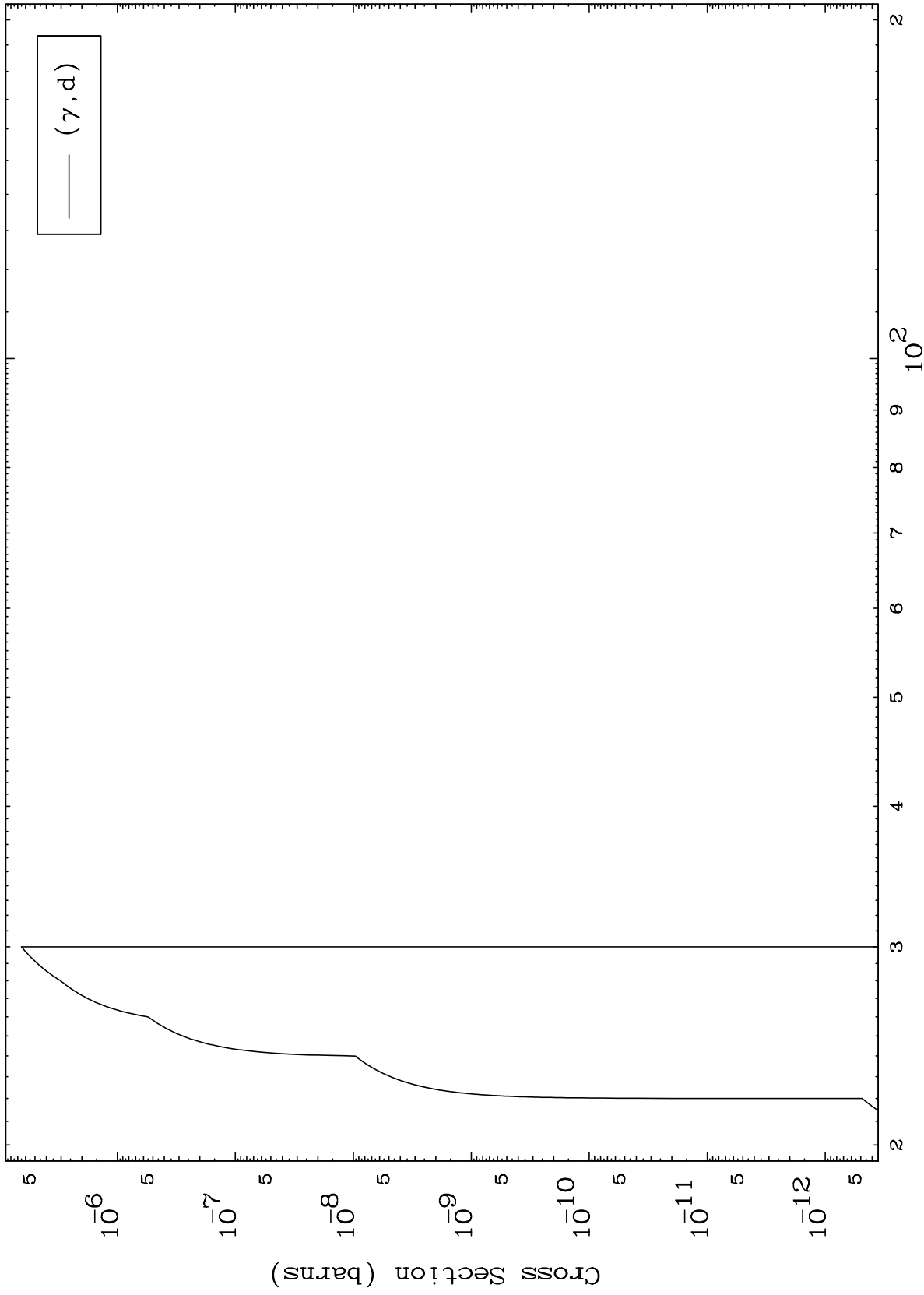
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



6

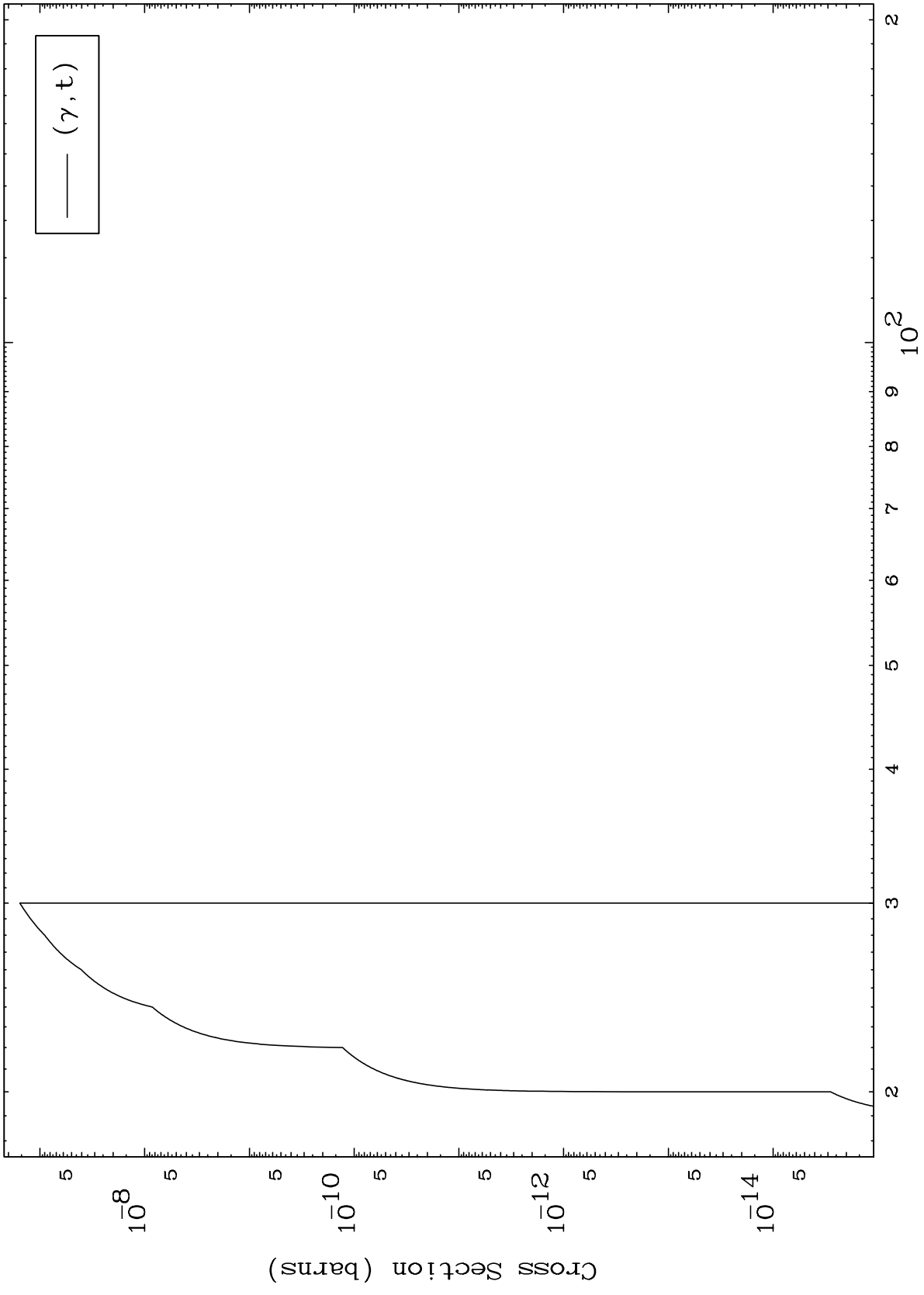
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



7

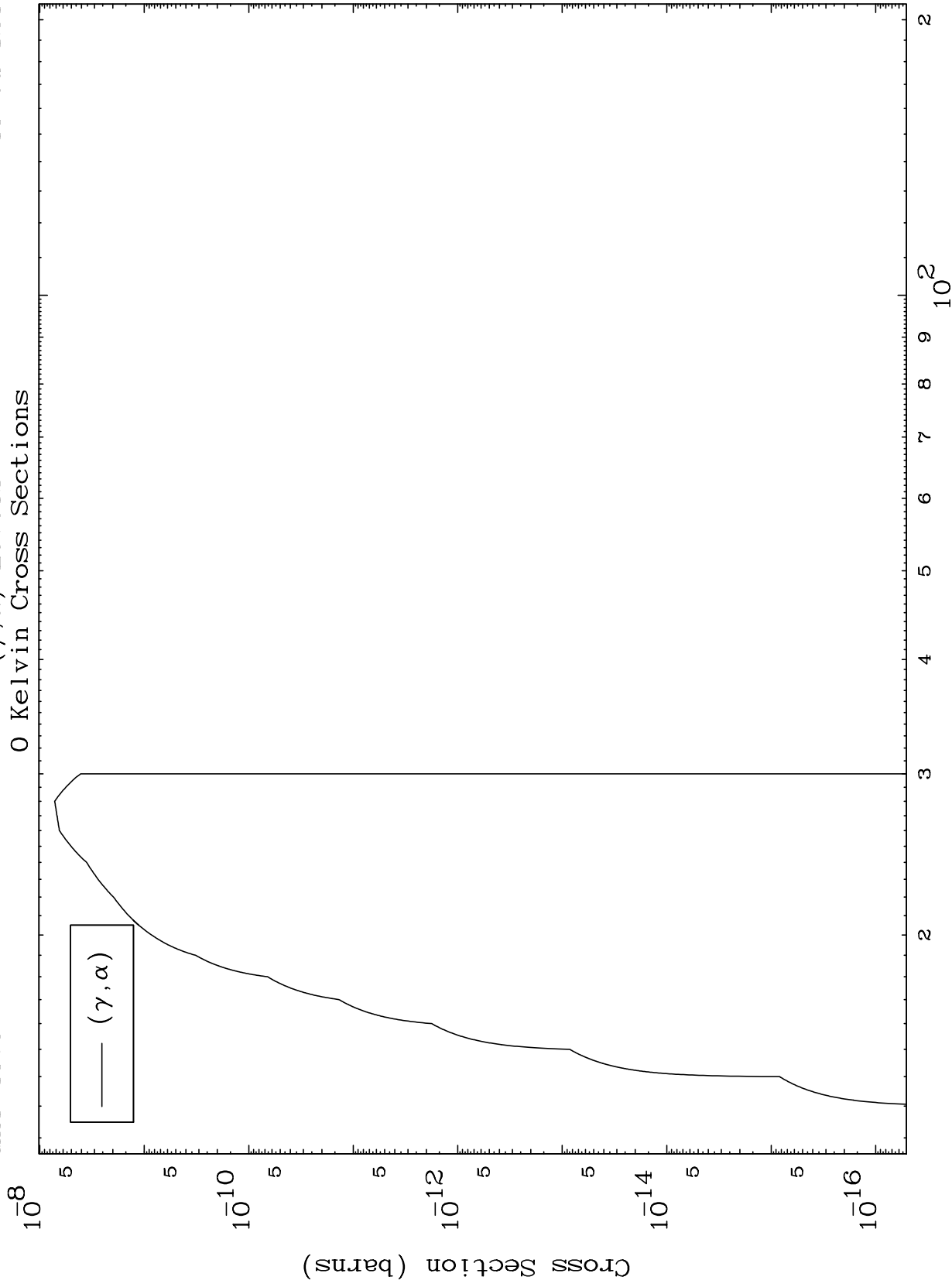
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



8

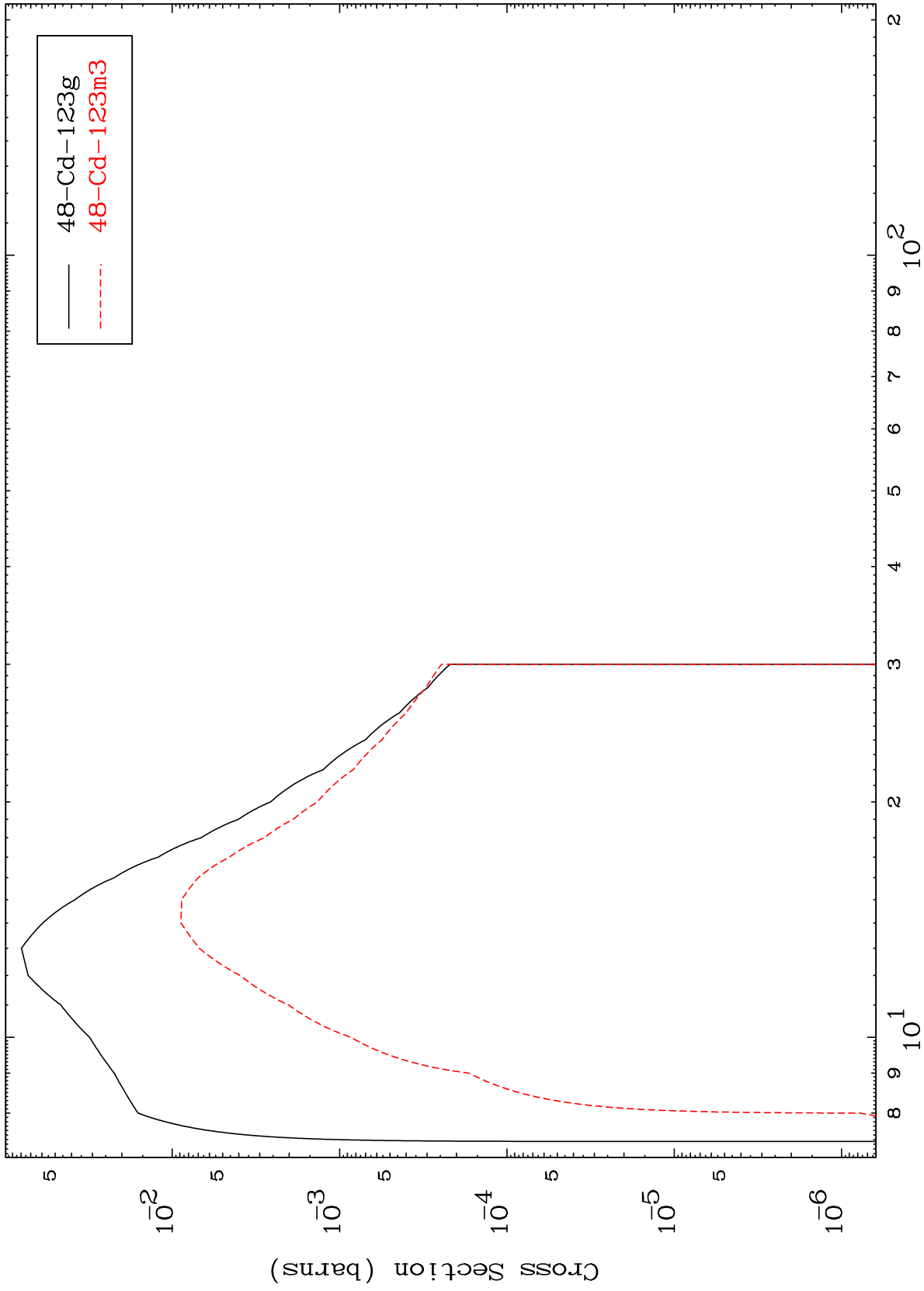
Incident Energy (MeV)

48-Cd-124

MAT 4879

Photon Inelastic  
Radionuclide Production Cross Section

48-Cd-124



9

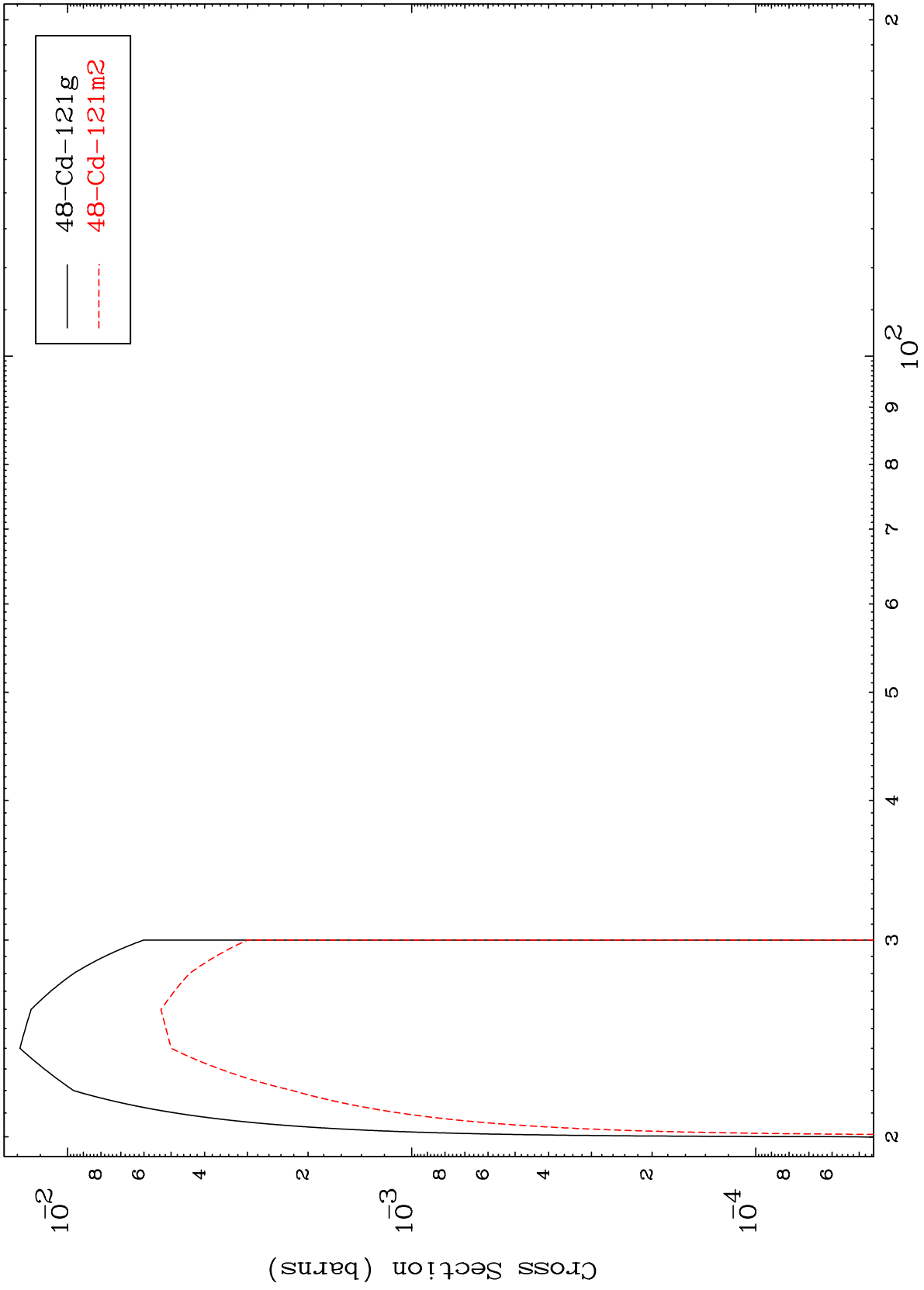
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

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



48-Cd-124

Incident Energy (MeV)

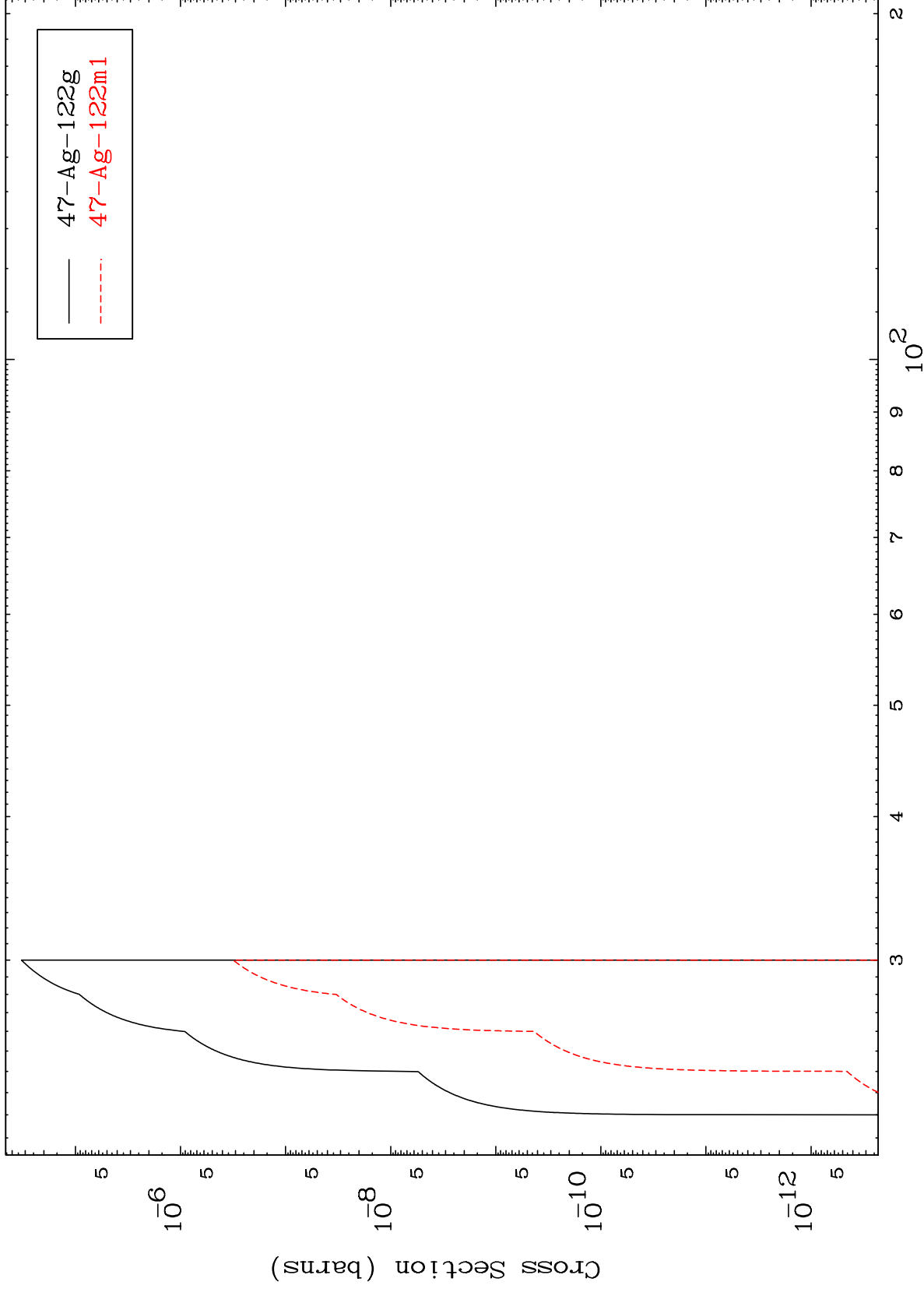
10

MAT 4879

$(\gamma, n')$  p

48-Cd-124

Radionuclide Production Cross Section



11

Incident Energy (MeV)

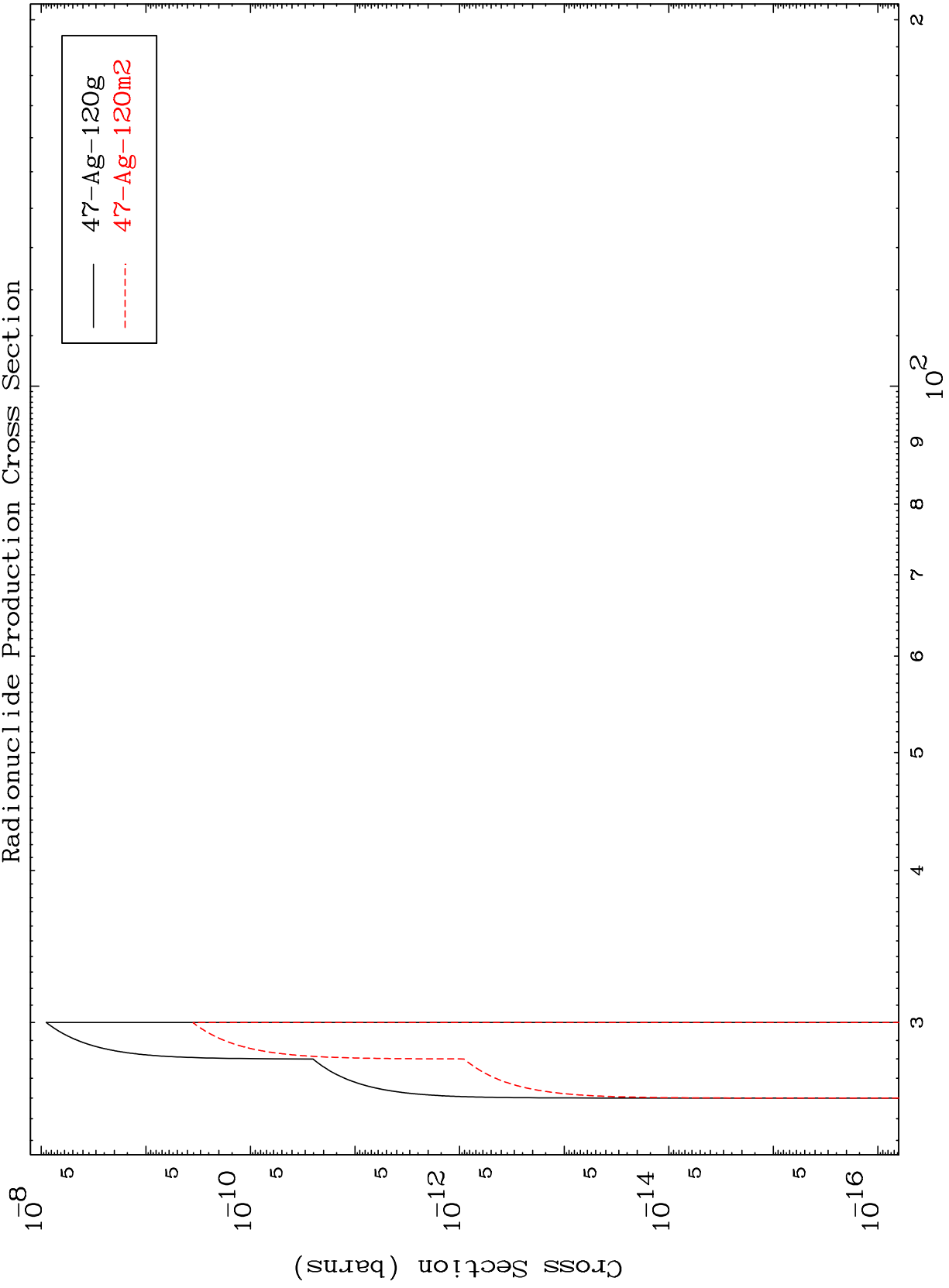
48-Cd-124

MAT 4879

( $\gamma, n'$ ) t

48-Cd-124

Radionuclide Production Cross Section



12

Incident Energy (MeV)

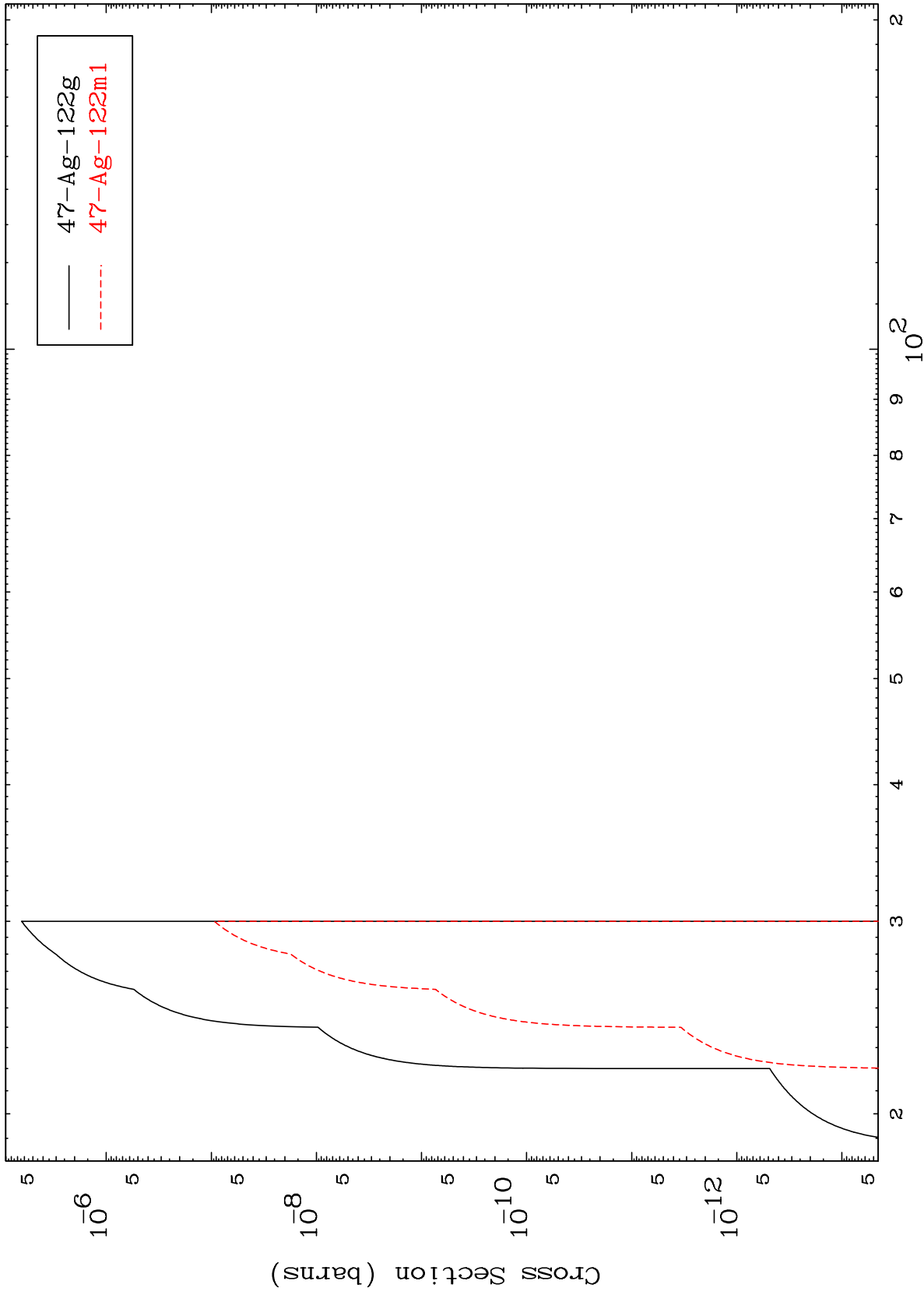
48-Cd-124

MAT 4879

( $\gamma, d$ )

48-Cd-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

48-Cd-124