

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

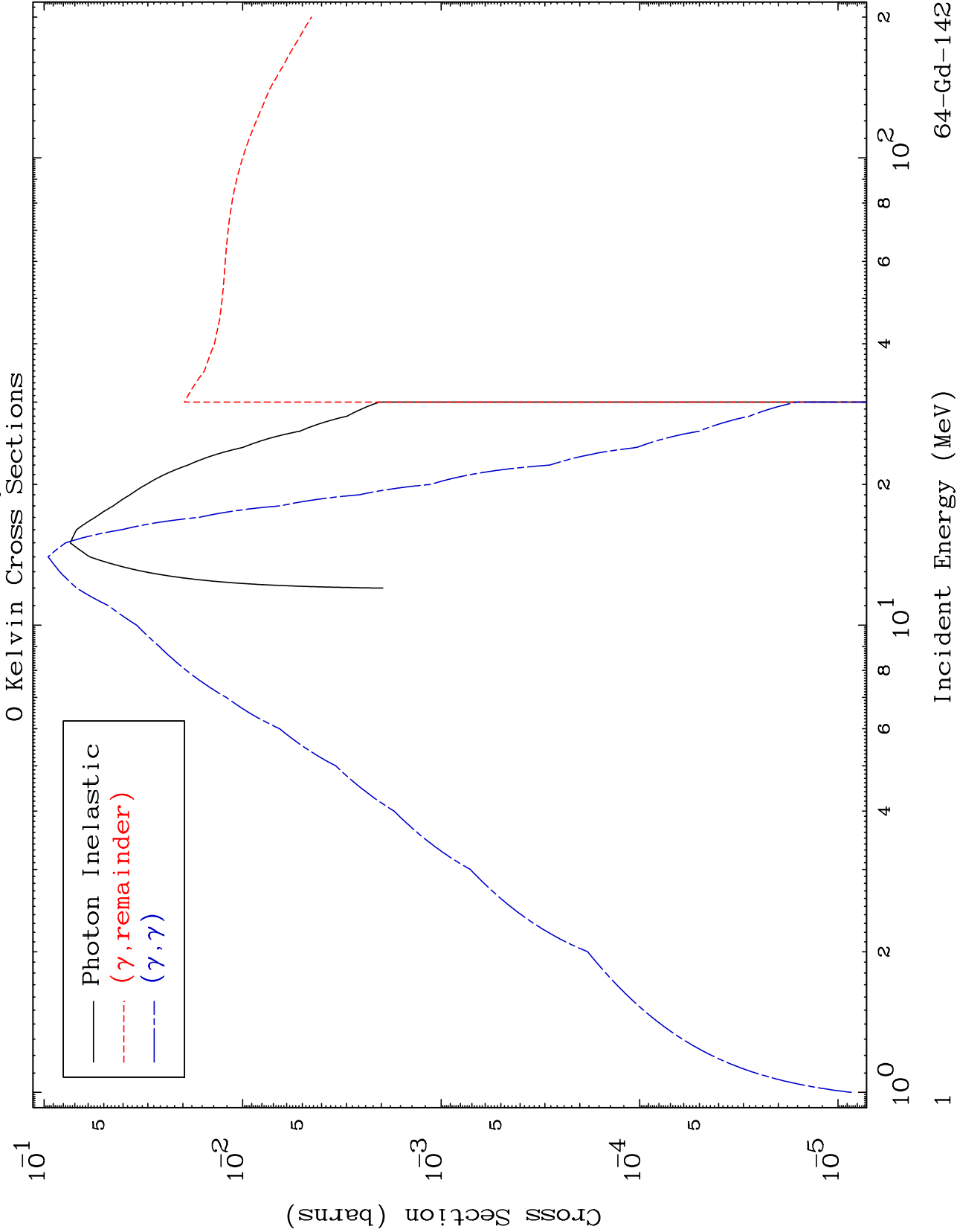
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Press Mouse Button to Start

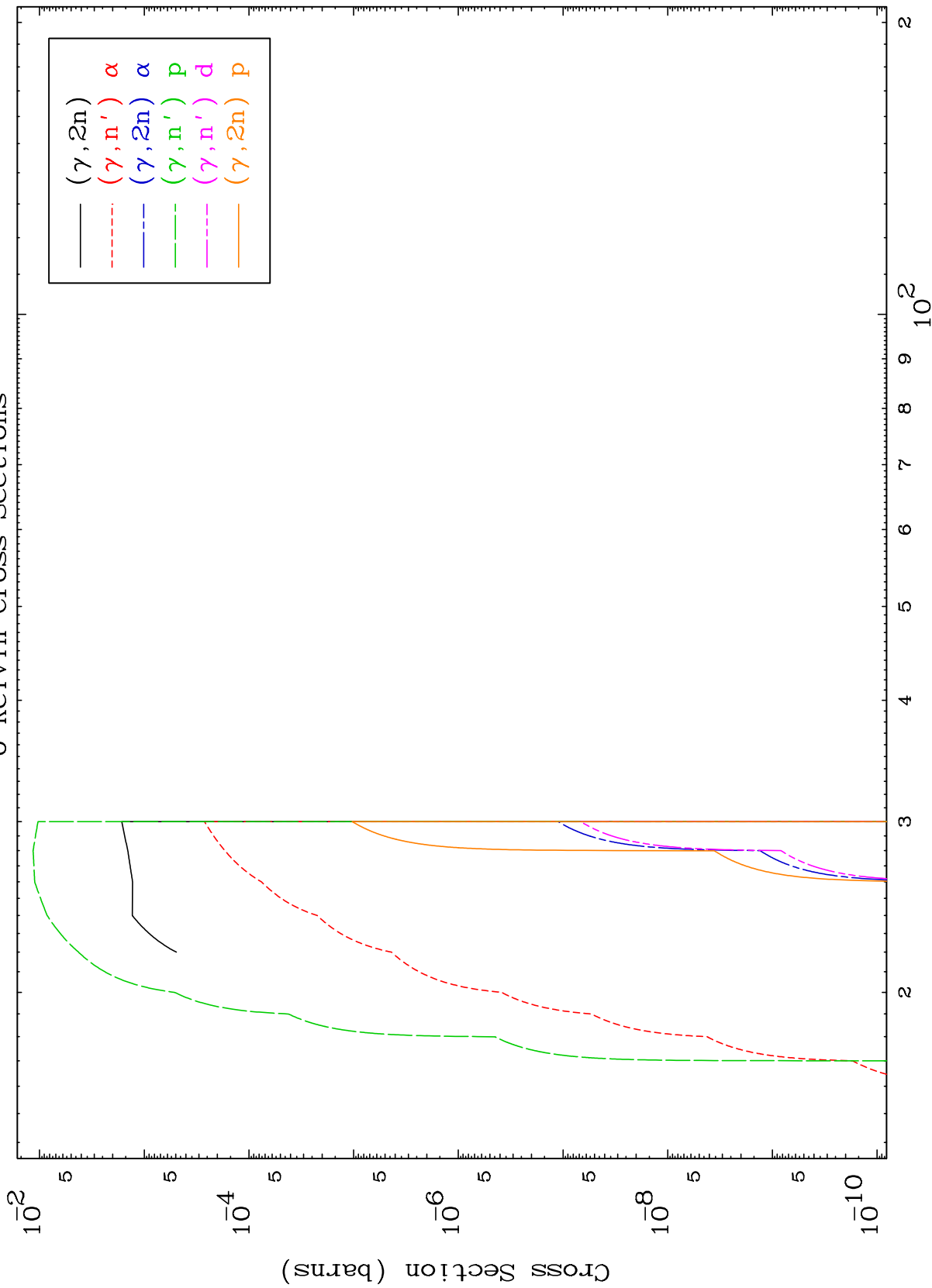
MAT 6395

Photon Major

64-Gd-142



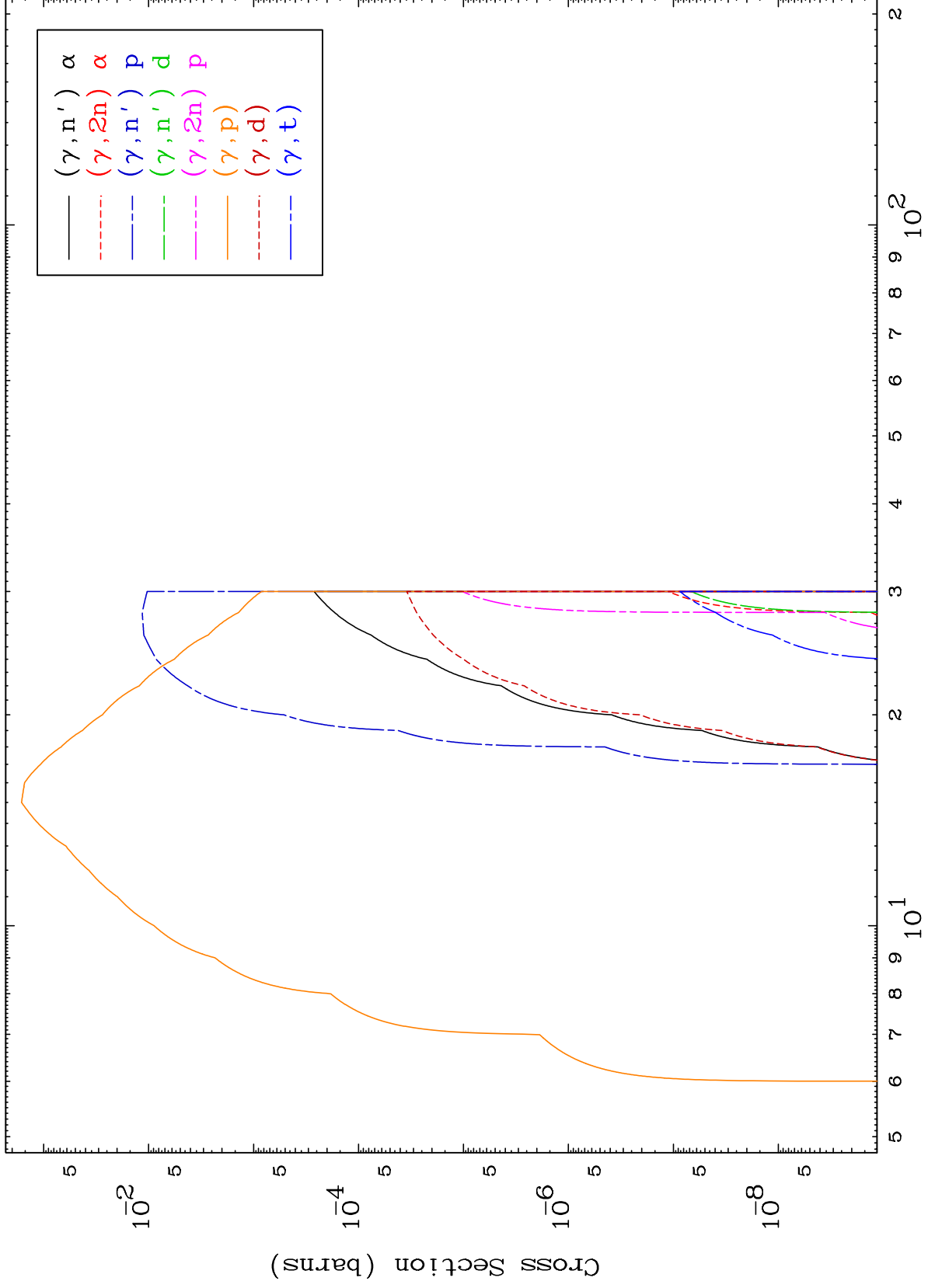
Photon Inelastic  
( $\gamma$ , remainder)  
( $\gamma$ ,  $\gamma$ )



MAT 6395

Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-142



3

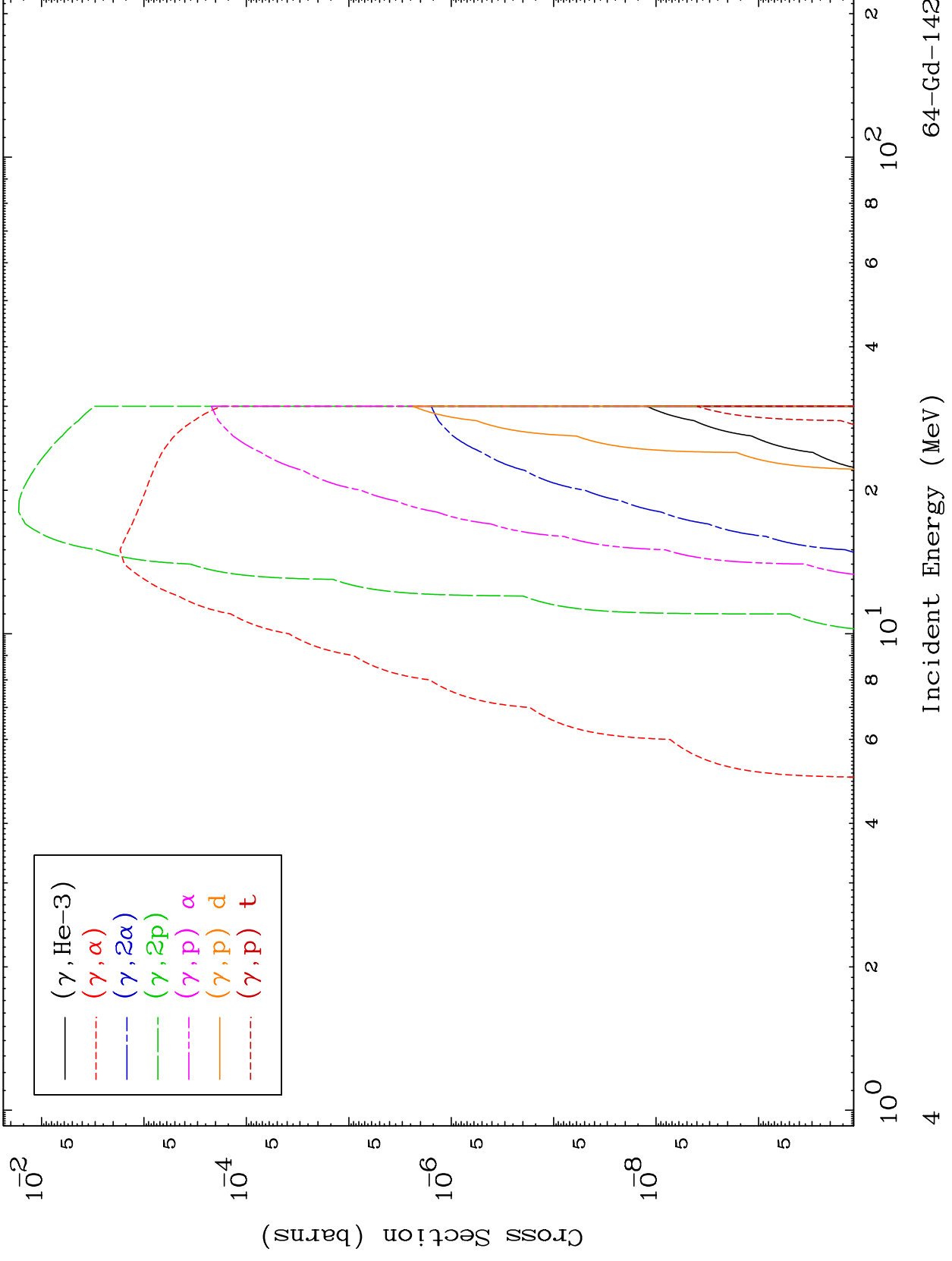
Incident Energy (MeV)

64-Gd-142

MAT 6395

Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-142



64-Gd-142

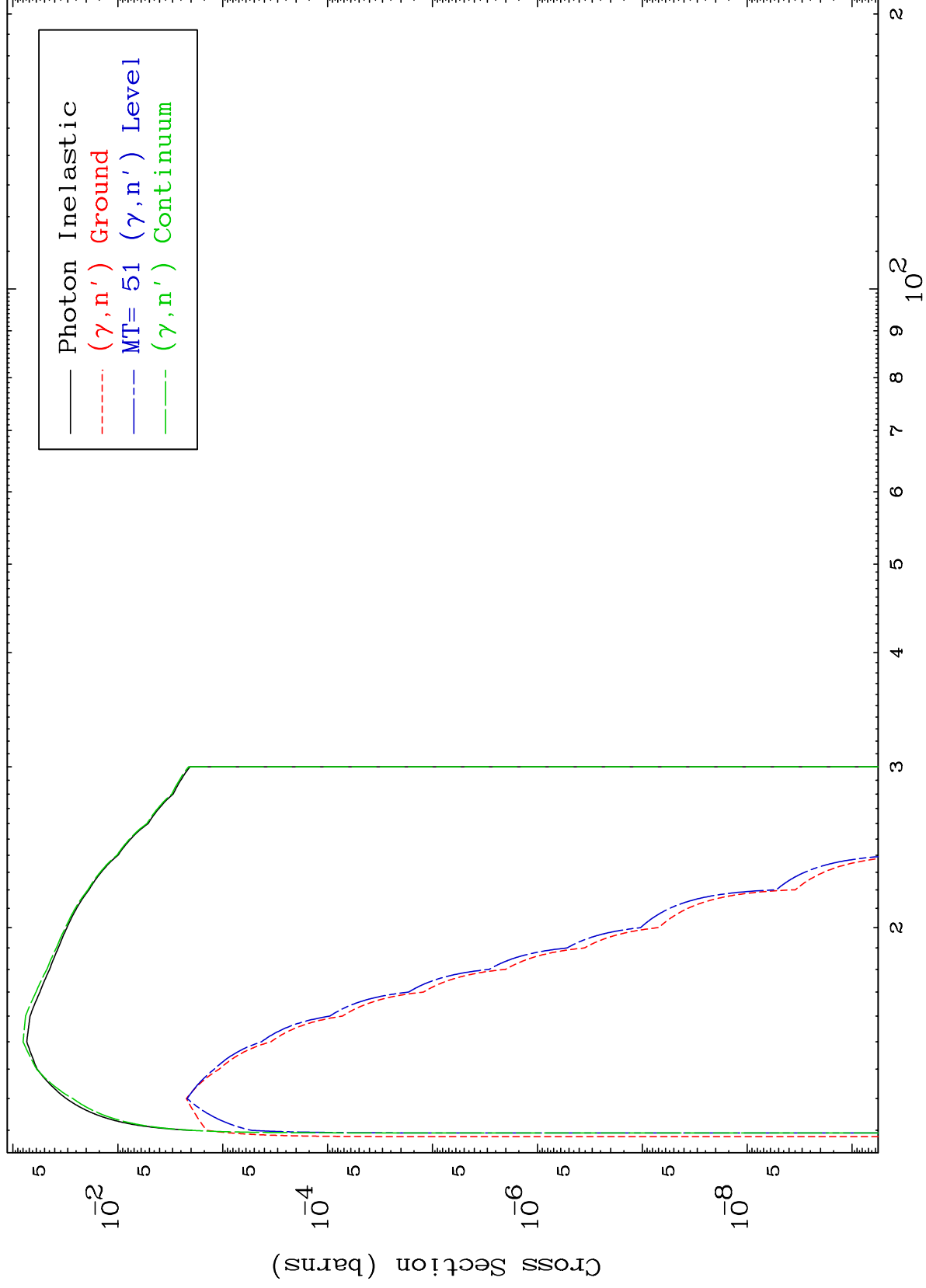
Incident Energy (MeV)

MAT 6395

$(\gamma, n')$  Level

64-Gd-142

0 Kelvin Cross Sections



Incident Energy (MeV)

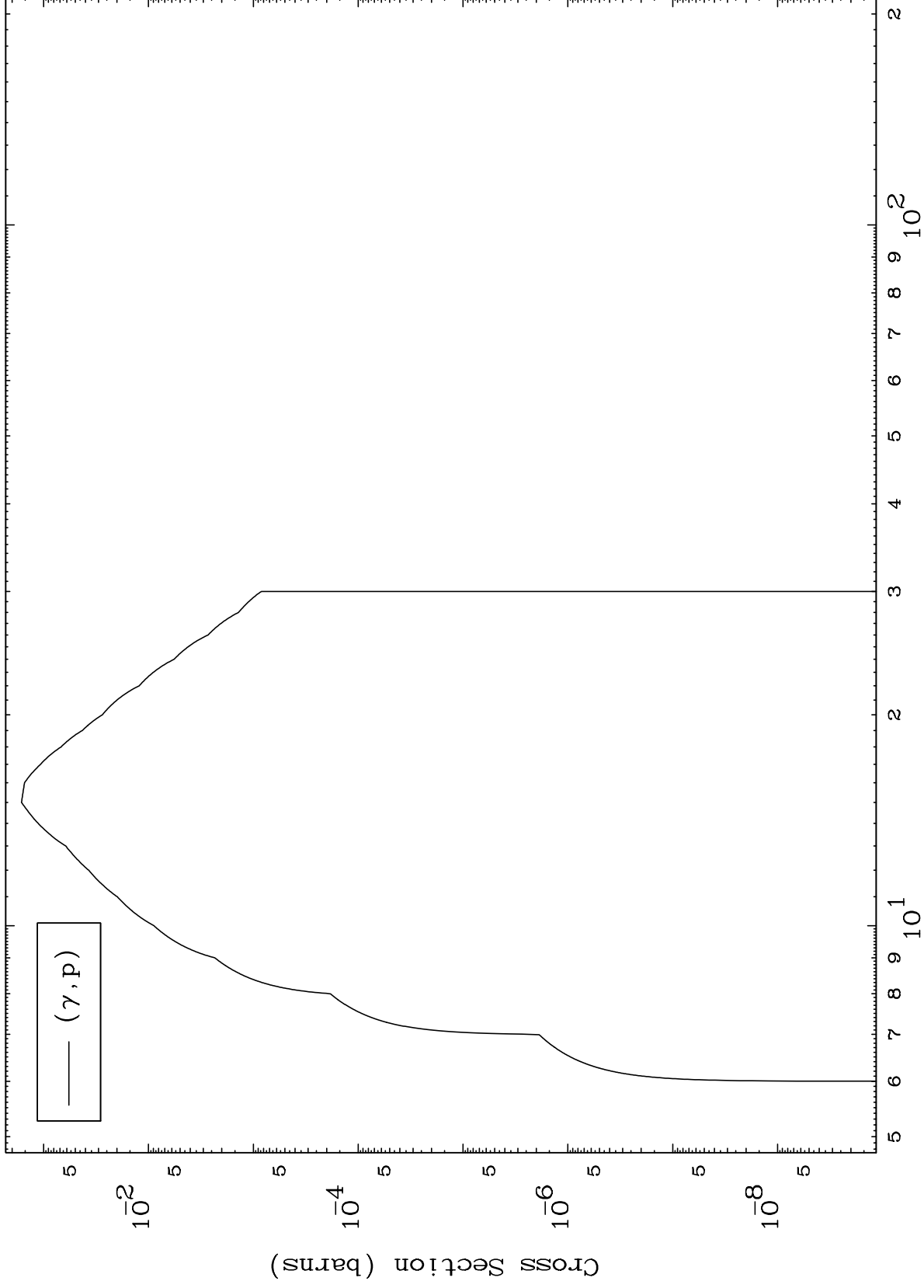
64-Gd-142

5

MAT 6395

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

64-Gd-142



6

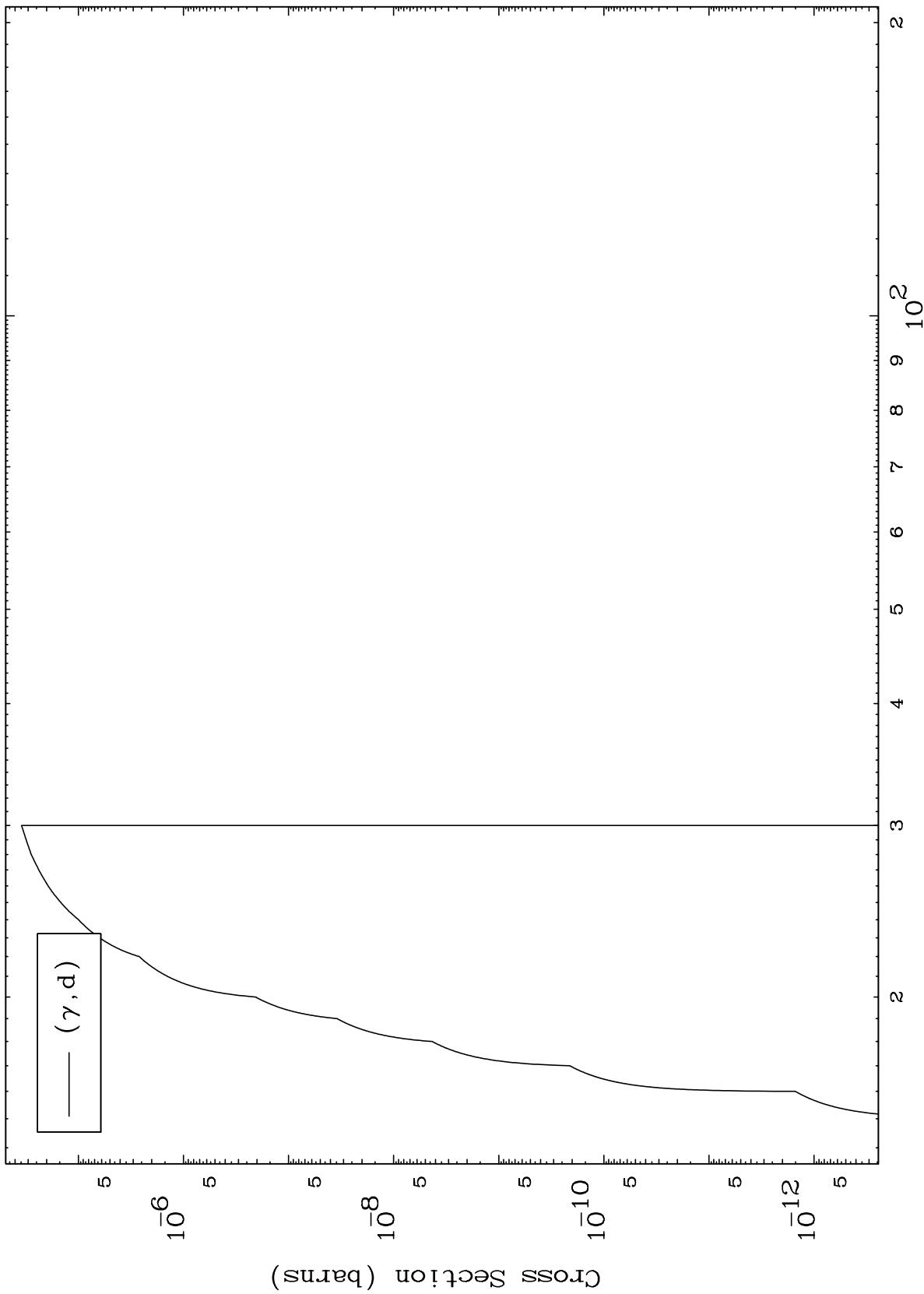
Incident Energy (MeV)

64-Gd-142

MAT 6395

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

64-Gd-142



7

Incident Energy (MeV)

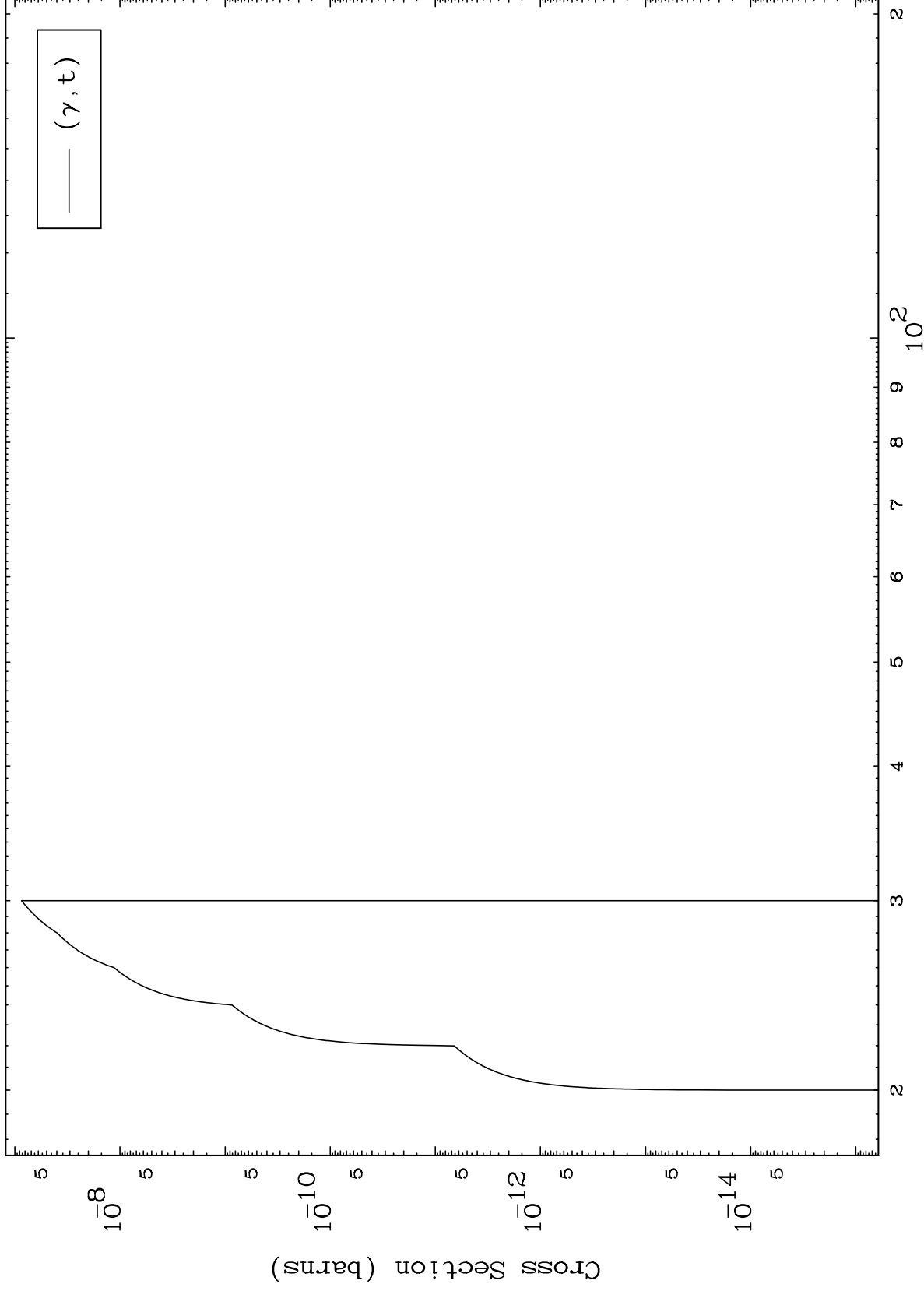
64-Gd-142



MAT 6395

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

64-Gd-142



8

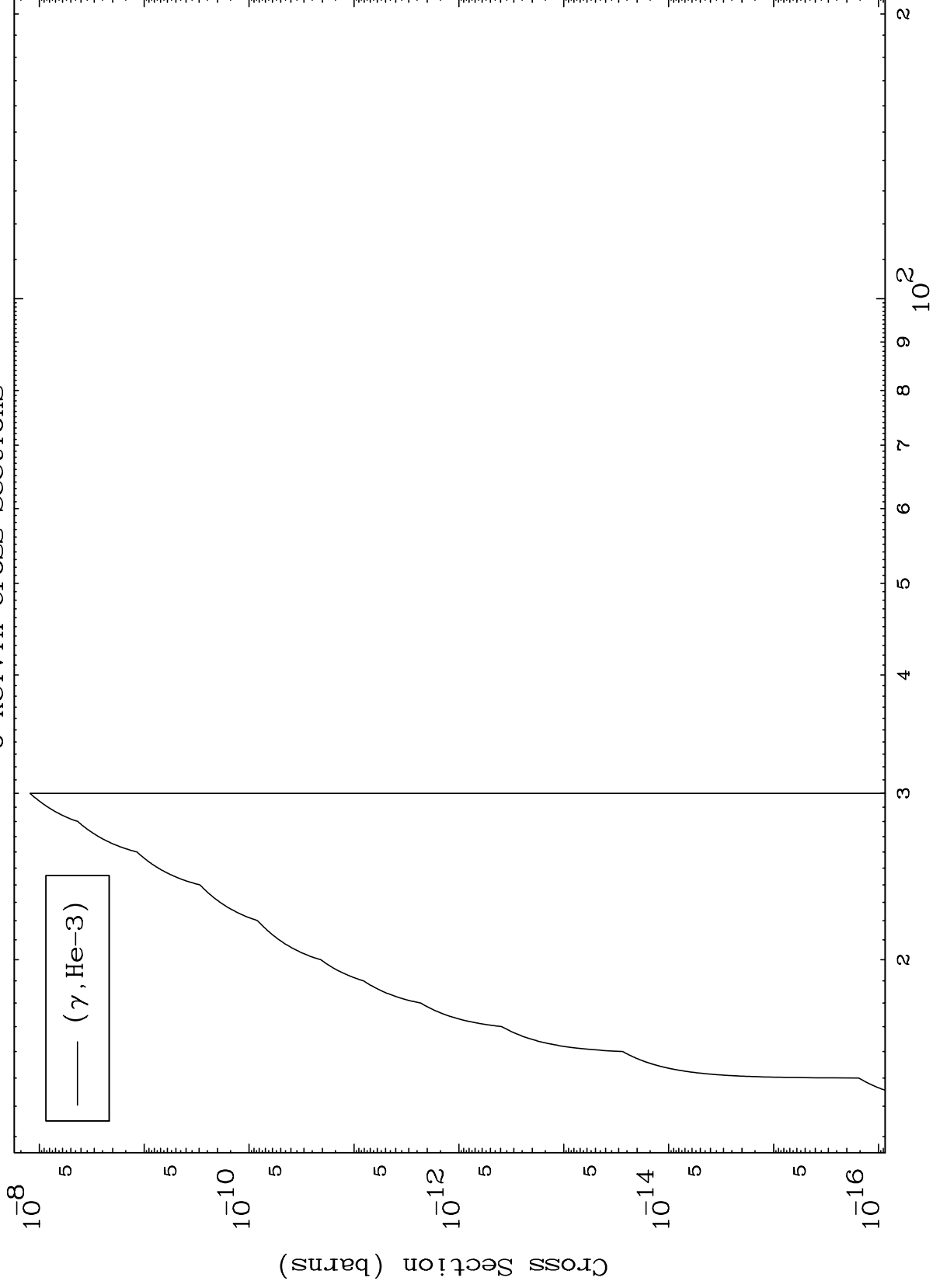
Incident Energy (MeV)

64-Gd-142

MAT 6395

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

64-Gd-142



9

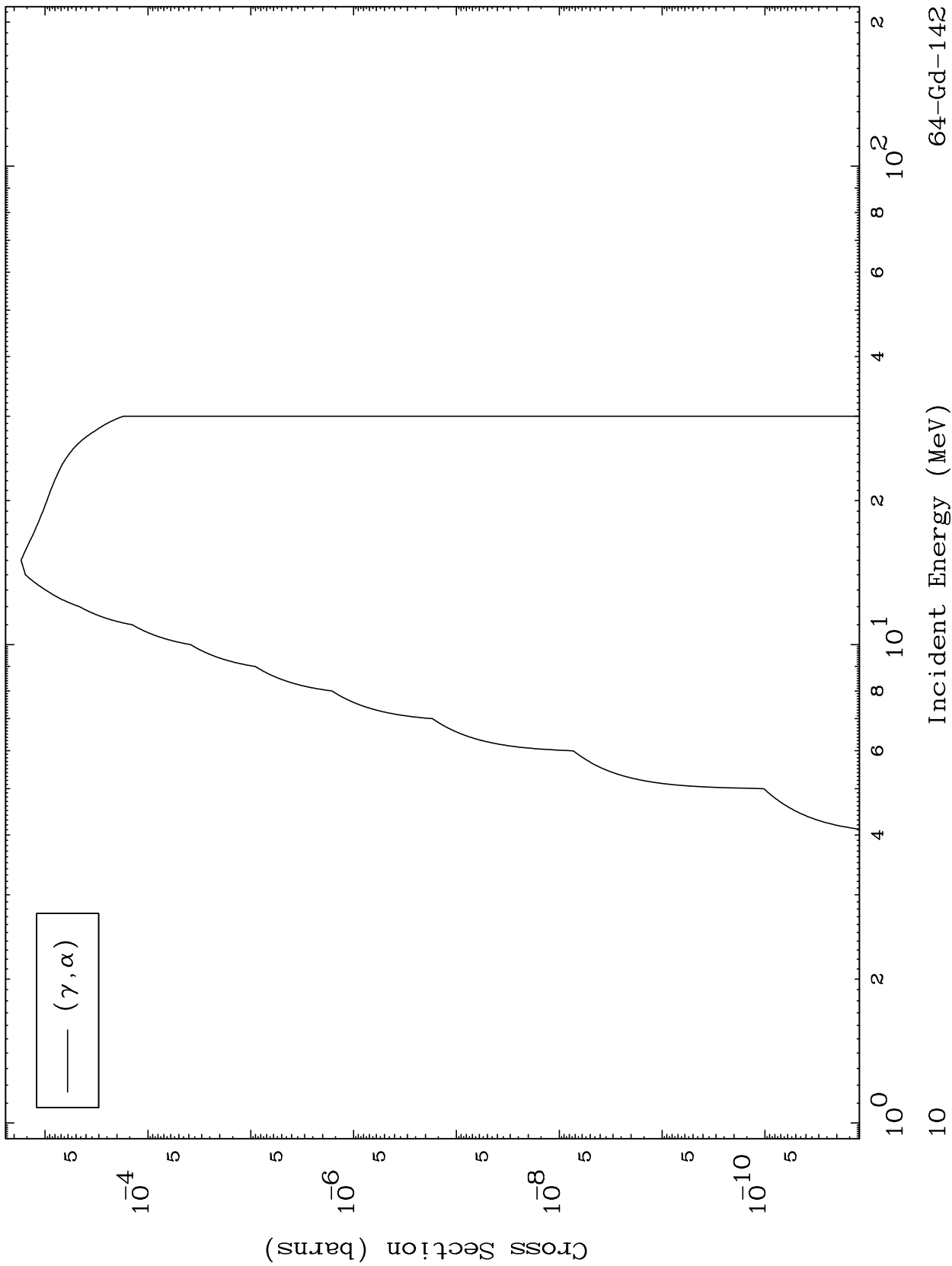
Incident Energy (MeV)

64-Gd-142

MAT 6395

64-Gd-142

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



64-Gd-142

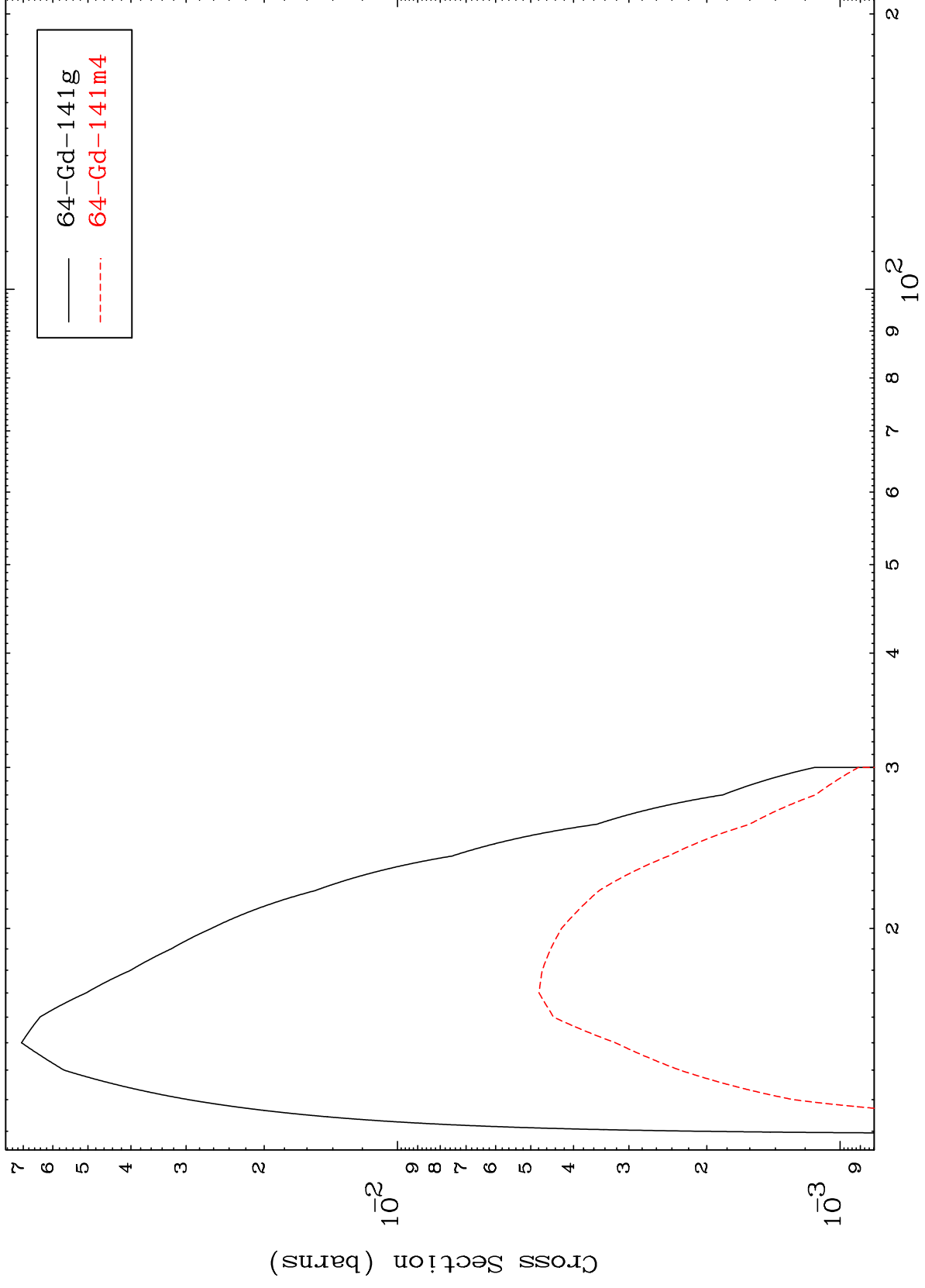
Incident Energy (MeV)

MAT 6395

Photon Inelastic

64-Gd-142

Radionuclide Production Cross Section



11

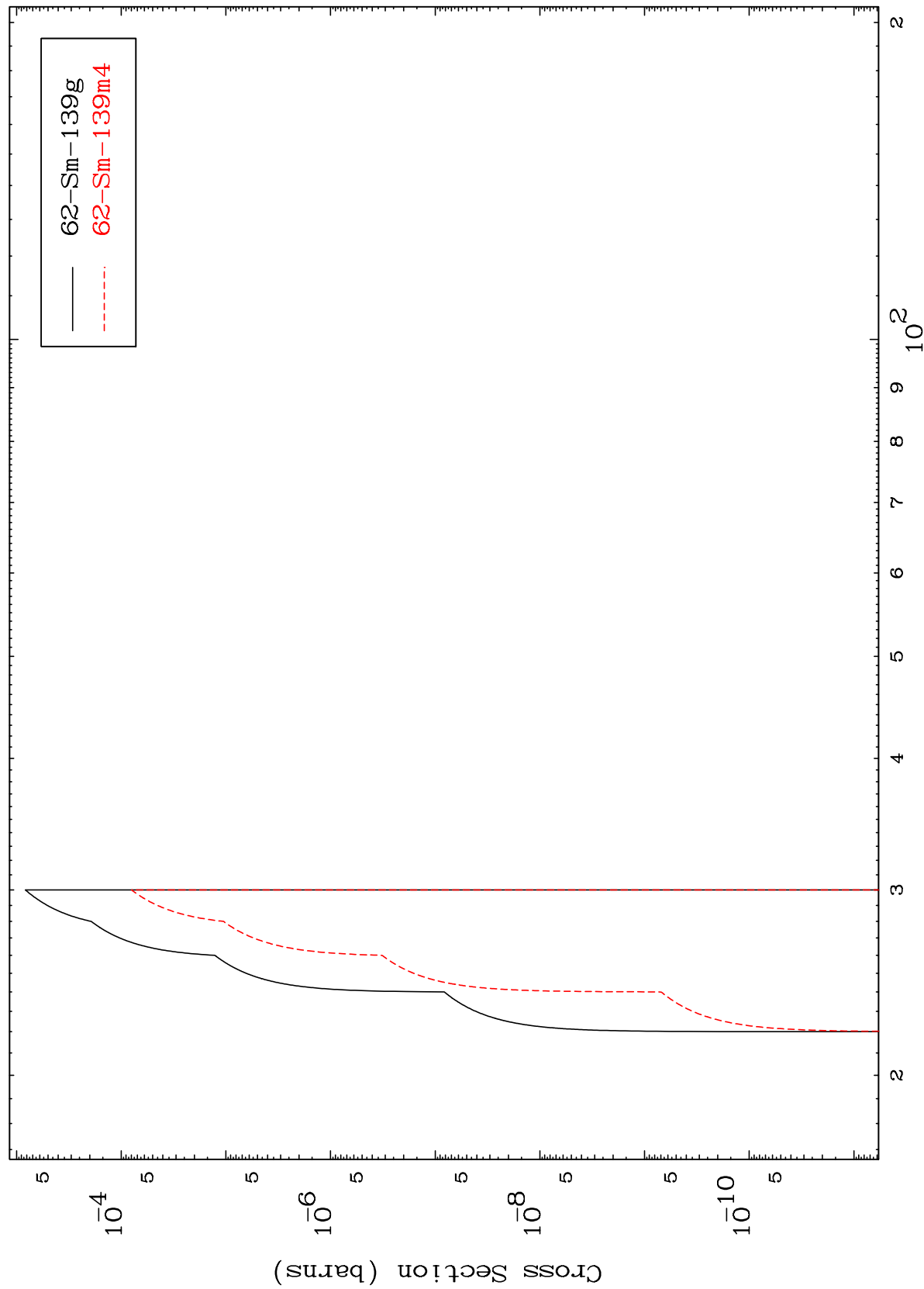
Incident Energy (MeV)

64-Gd-142

MAT 6395

64-Gd-142

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



12

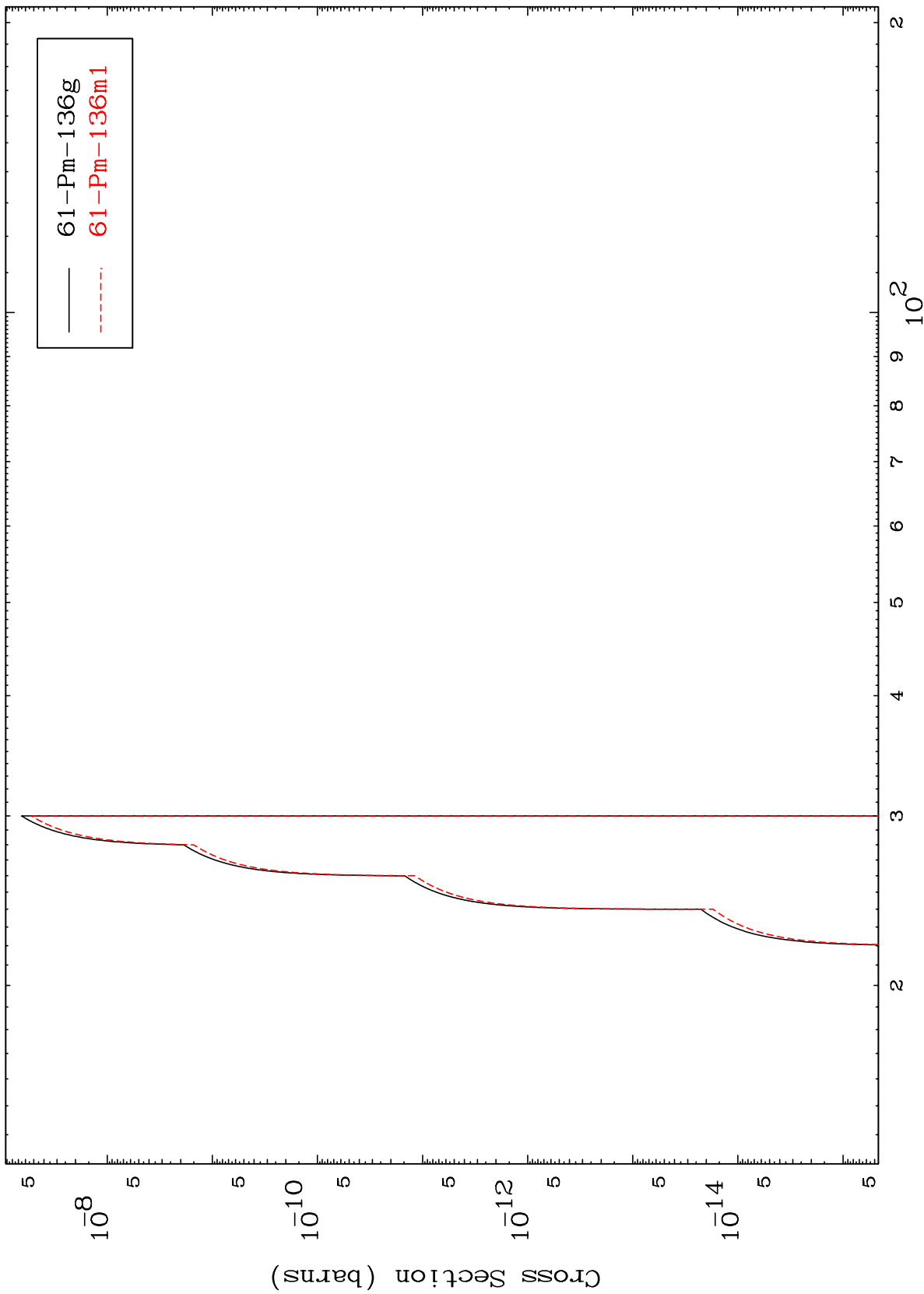
64-Gd-142

Incident Energy (MeV)

MAT 6395

64-Gd-142

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



13

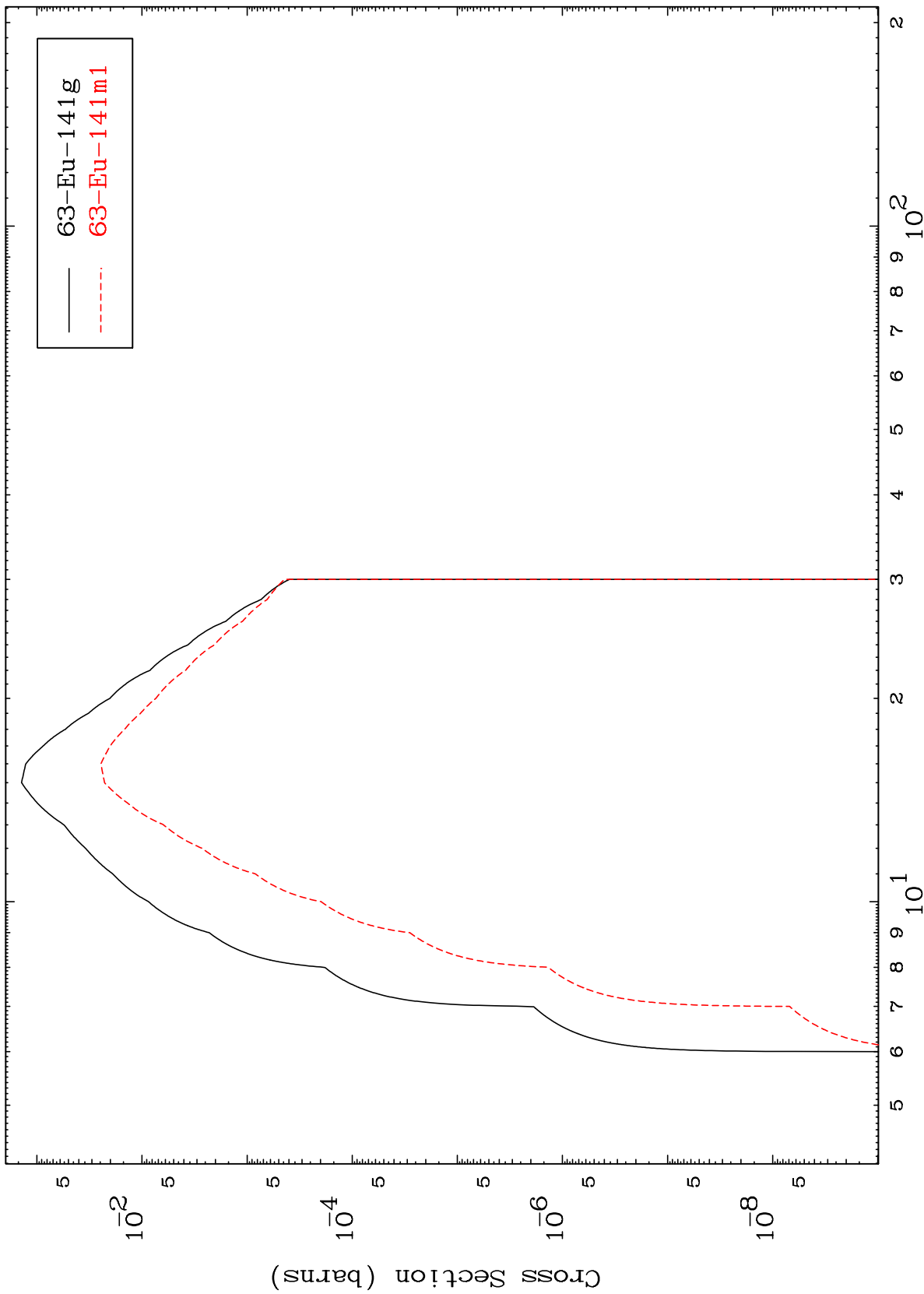
Incident Energy (MeV)

64-Gd-142

MAT 6395

64-Gd-142

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



64-Gd-142

Incident Energy (MeV)

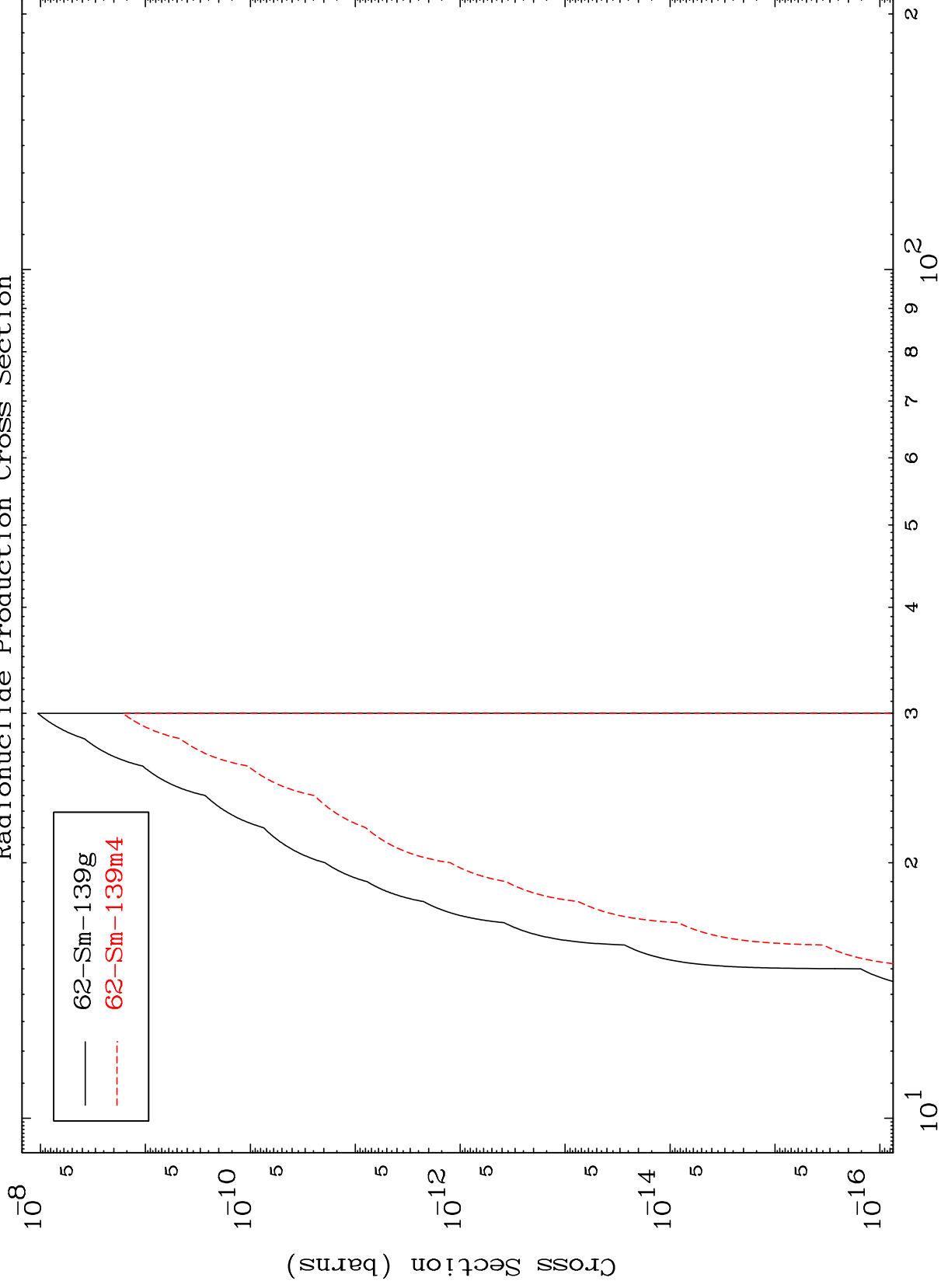
14

MAT 6395

( $\gamma, \text{He-3}$ )

64-Gd-142

Radionuclide Production Cross Section



Incident Energy (MeV)

64-Gd-142



Radionuclide Production Cross Section

