

Program EVALPLOT  
(Version 2018-1)

by

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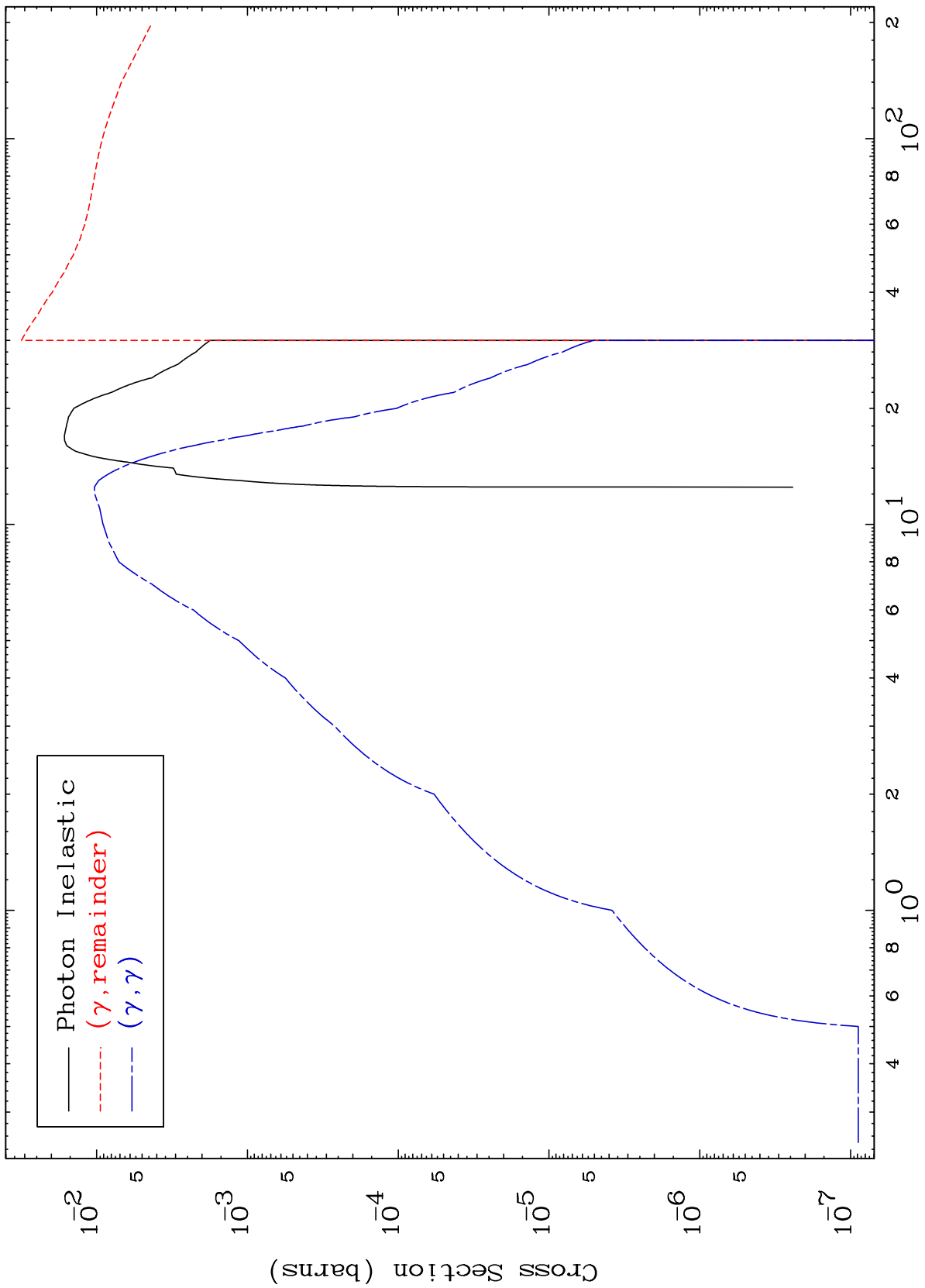
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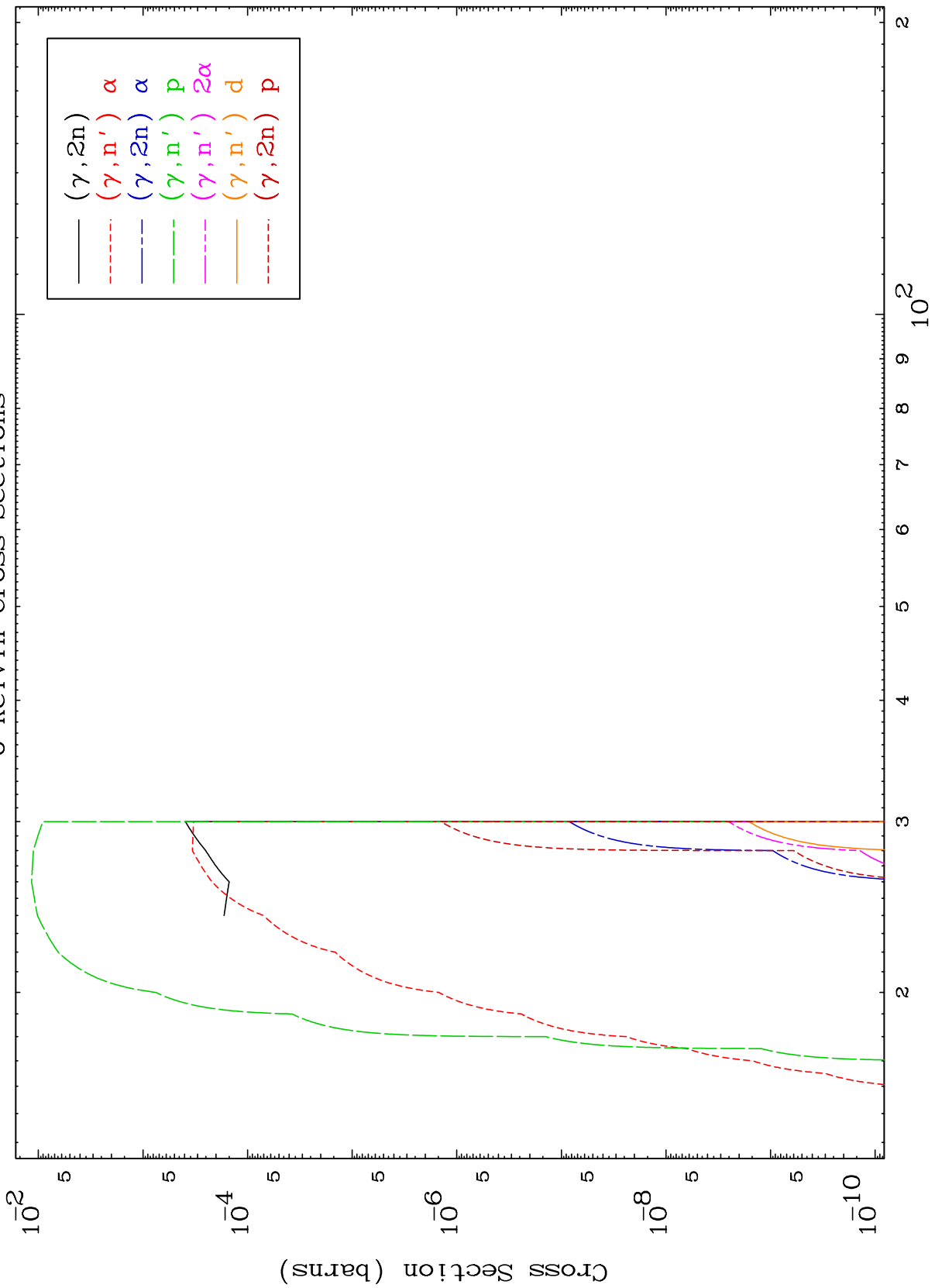
Press Mouse Button to Start

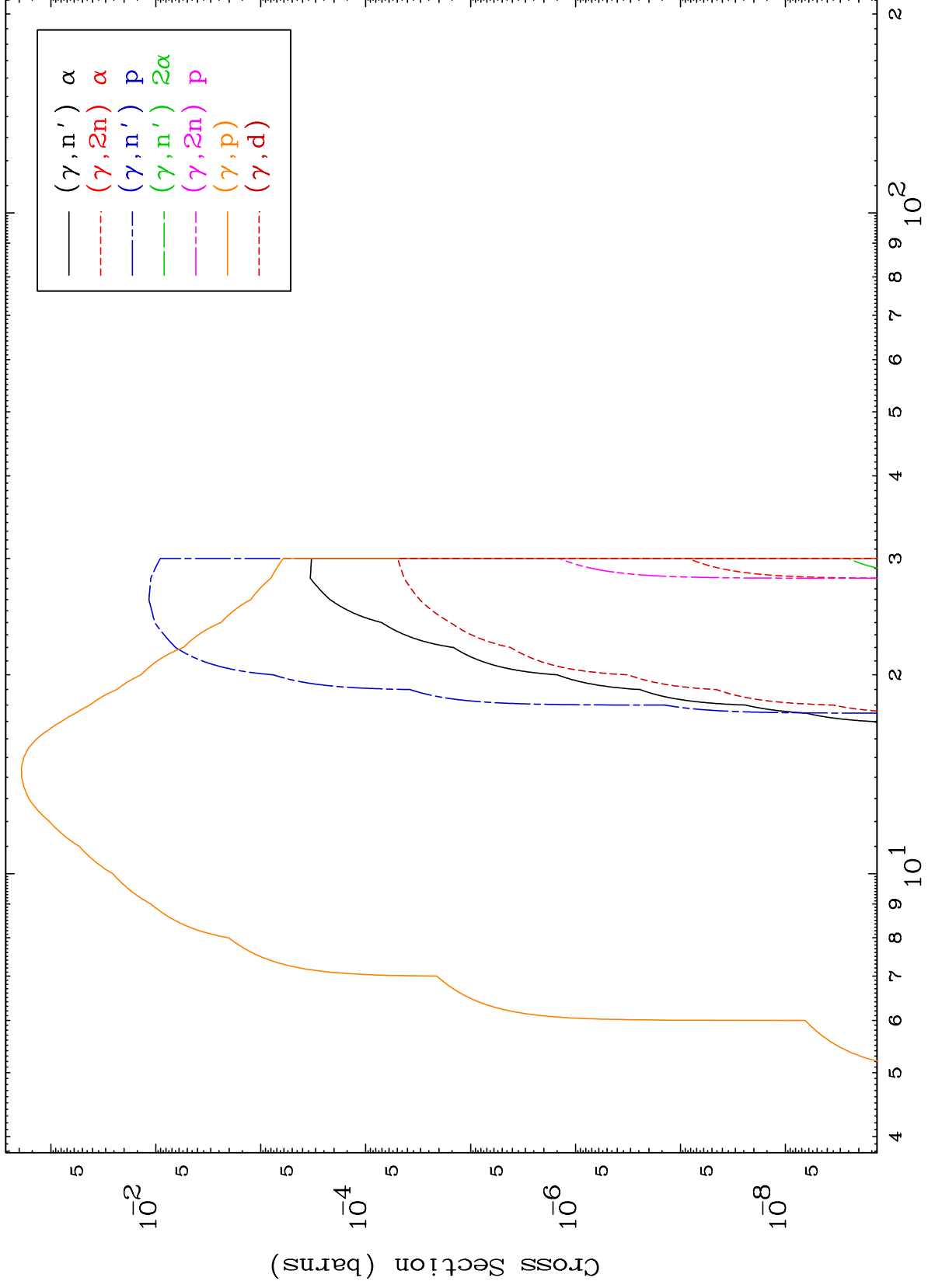
MAT 6389

Photon Major  
0 Kelvin Cross Sections

64-Gd-140



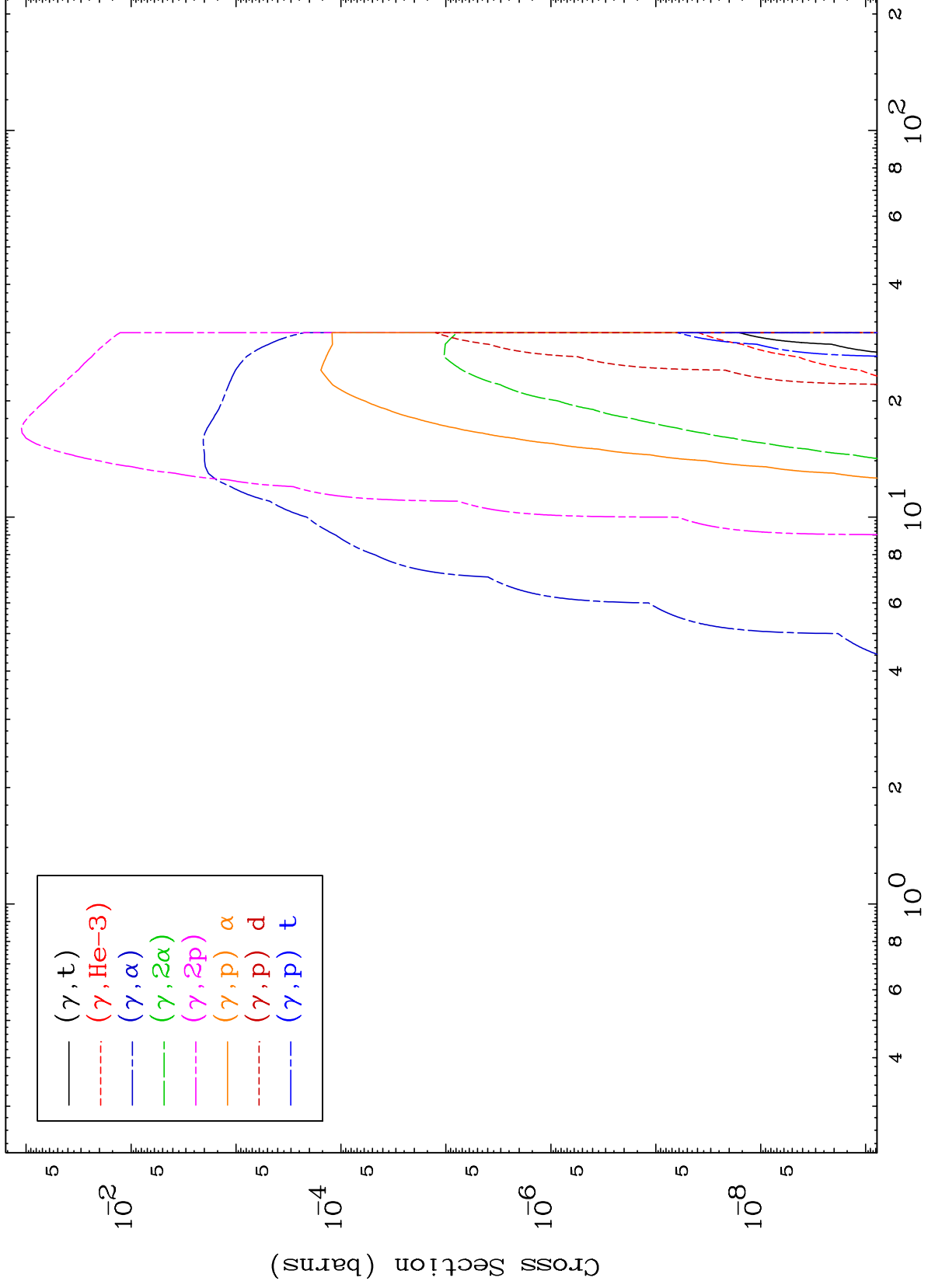




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Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-140

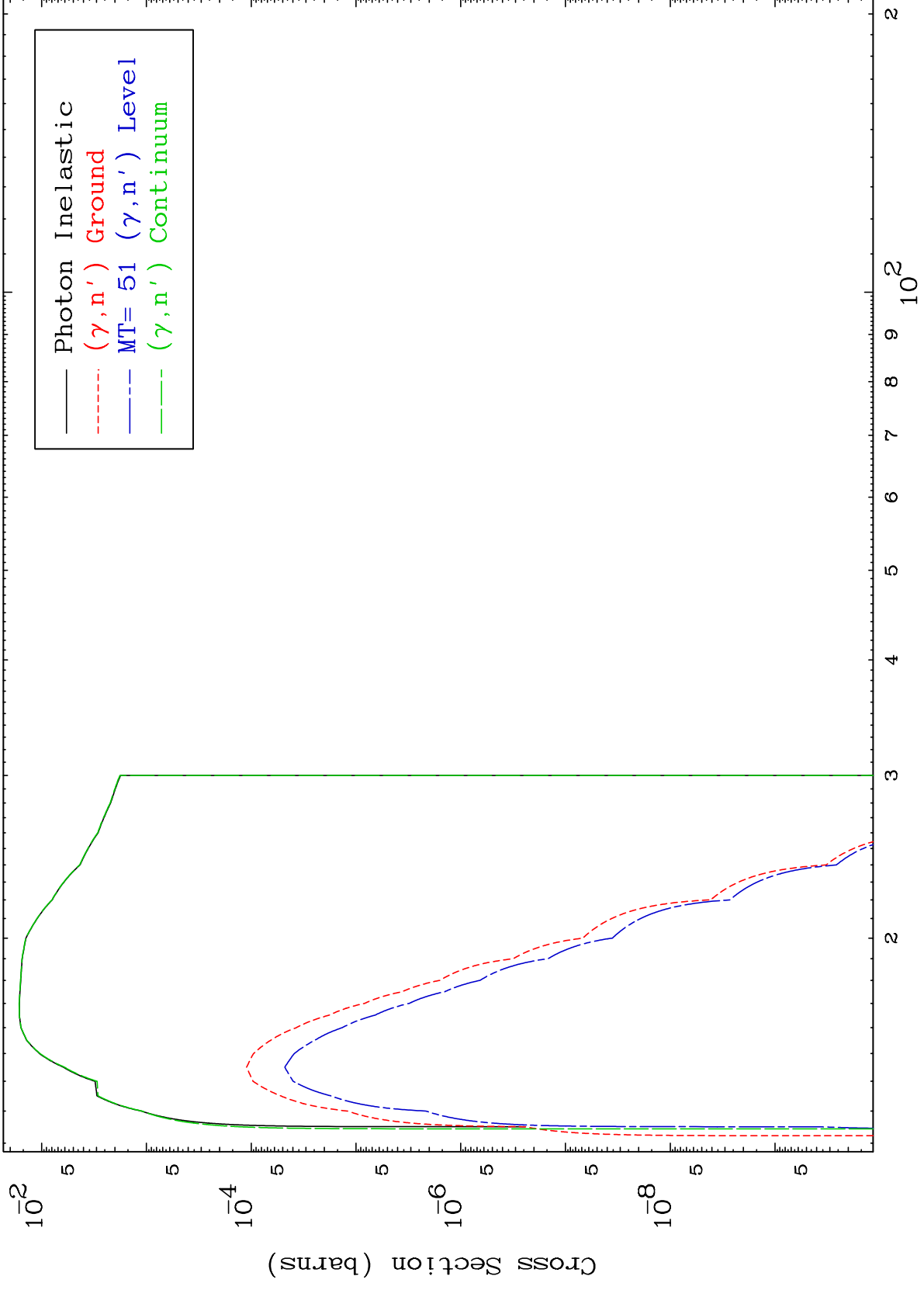


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$(\gamma, n')$  Level

64-Gd-140

0 Kelvin Cross Sections



Incident Energy (MeV)

64-Gd-140

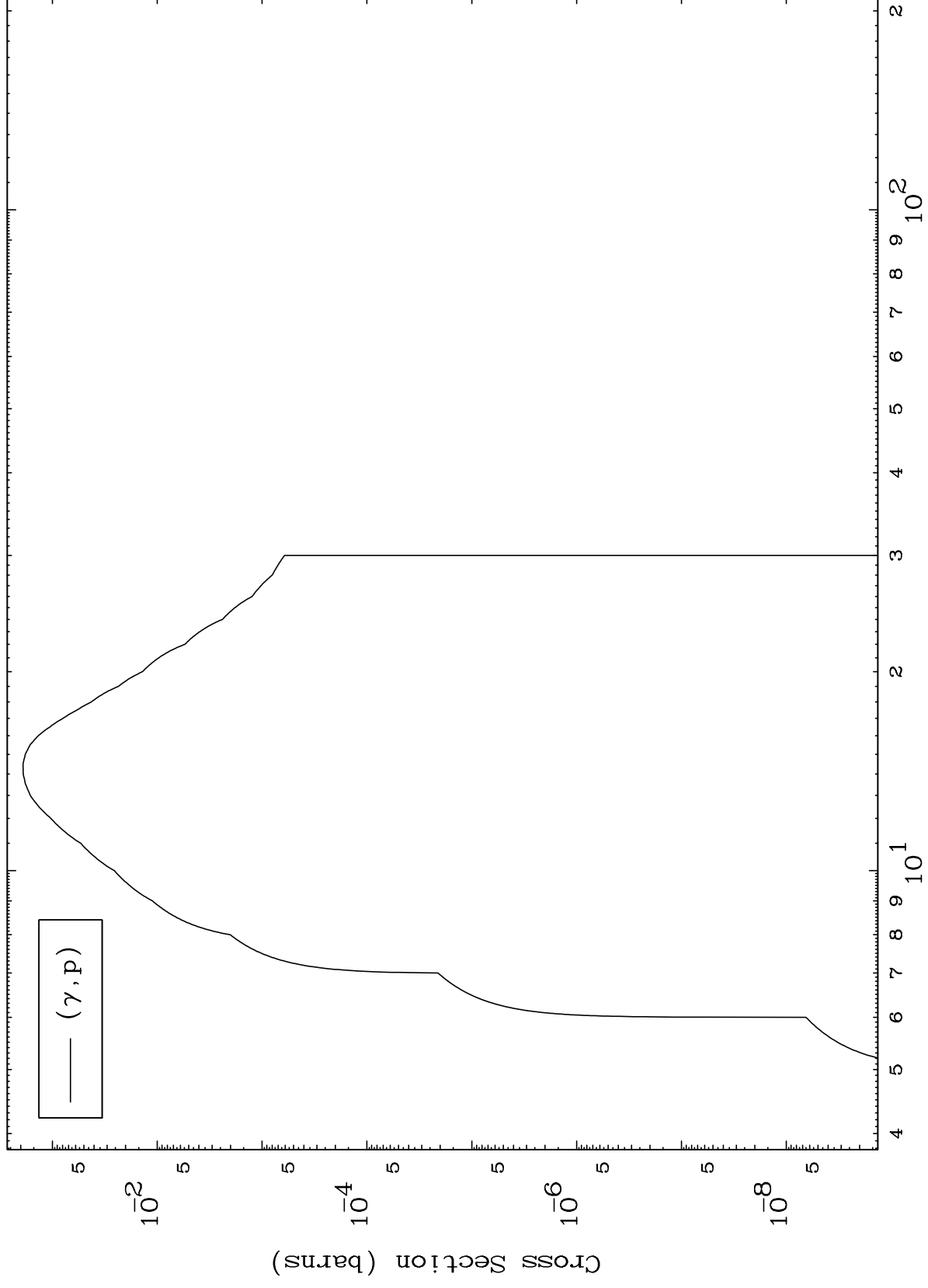
5

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( $\gamma, p$ ) Levels

64-Gd-140

0 Kelvin Cross Sections



Incident Energy (MeV)

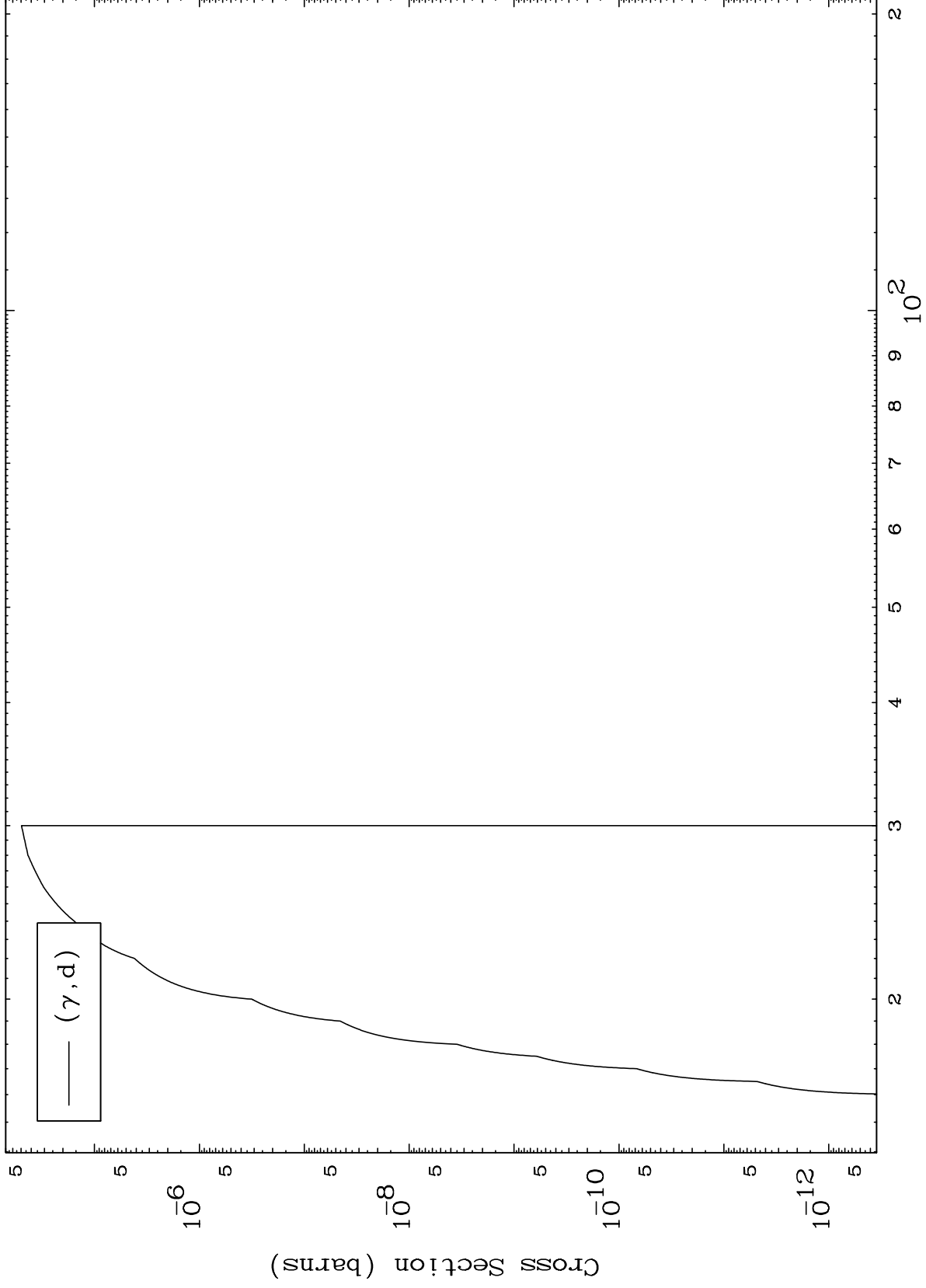
64-Gd-140

6

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

64-Gd-140



7

Incident Energy (MeV)

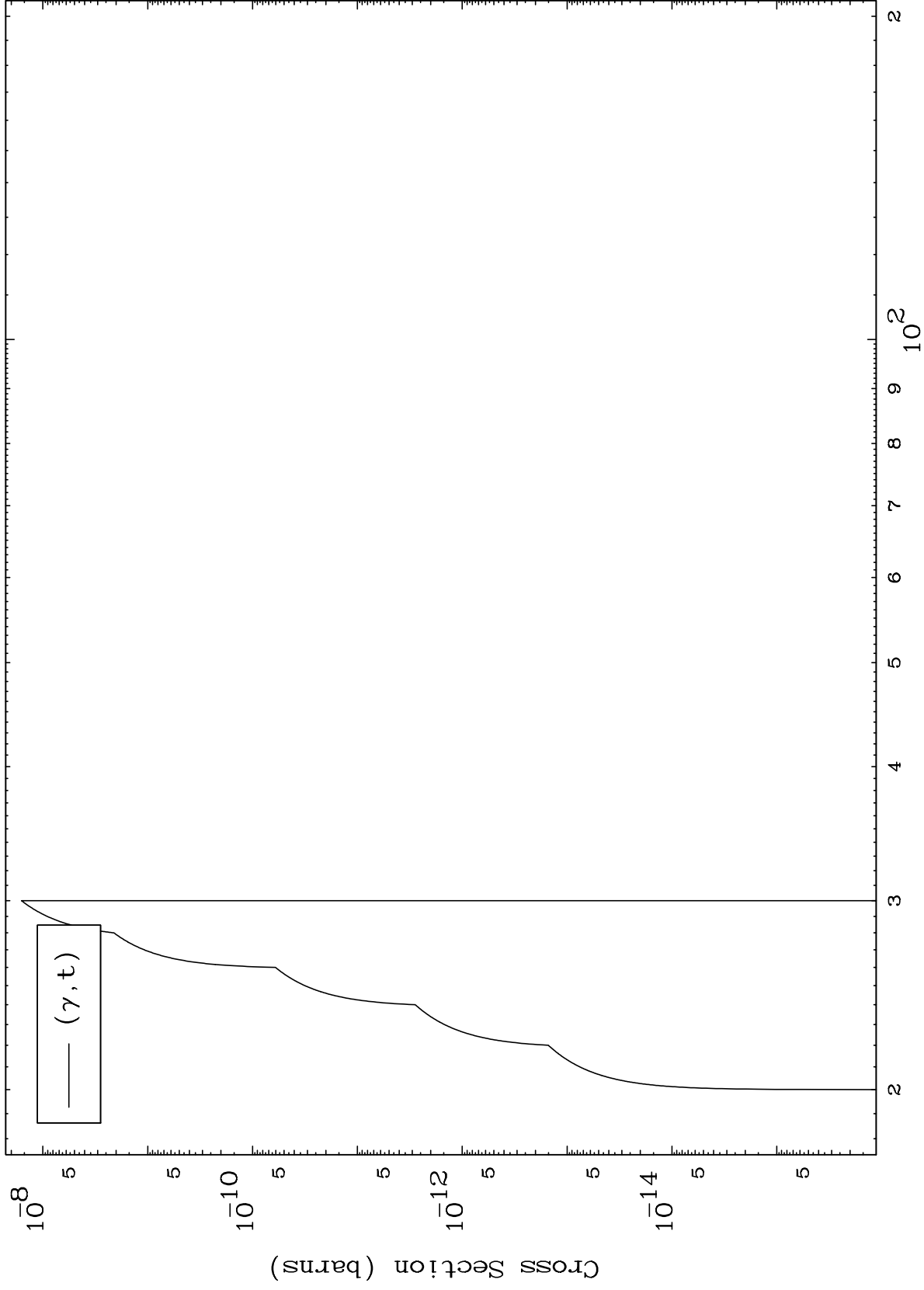
64-Gd-140



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

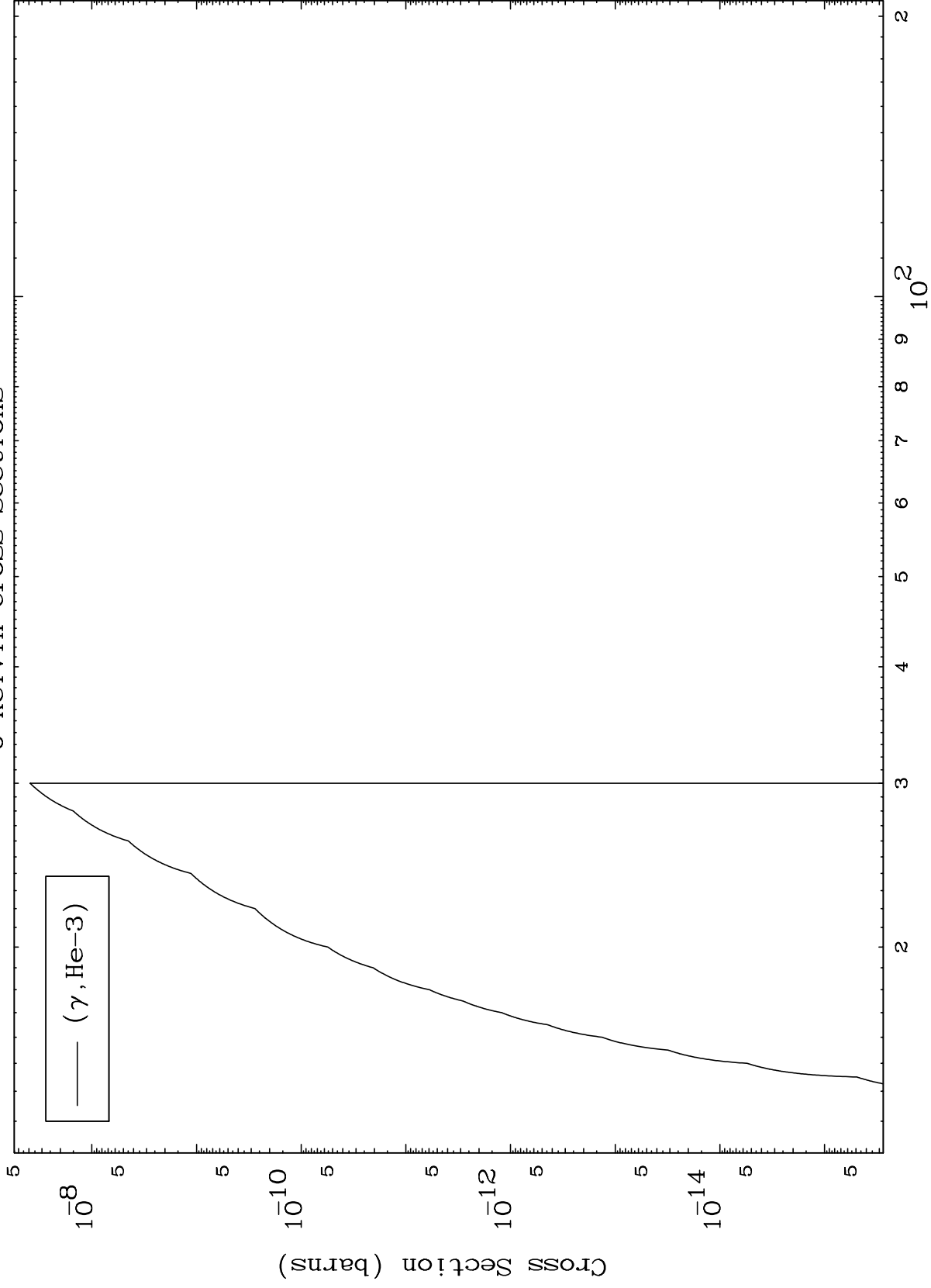
64-Gd-140



8

Incident Energy (MeV)

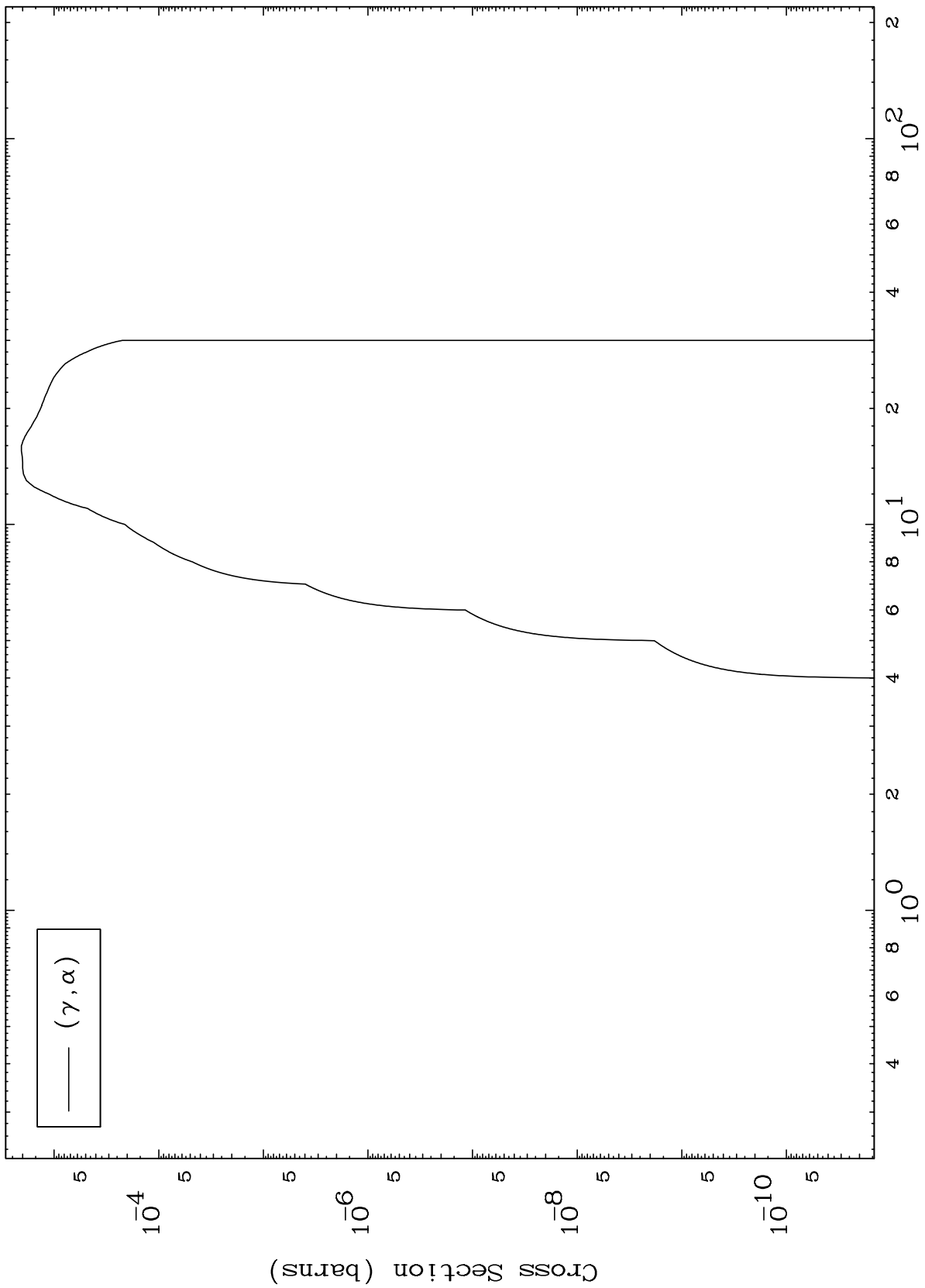
64-Gd-140



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64-Gd-140

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



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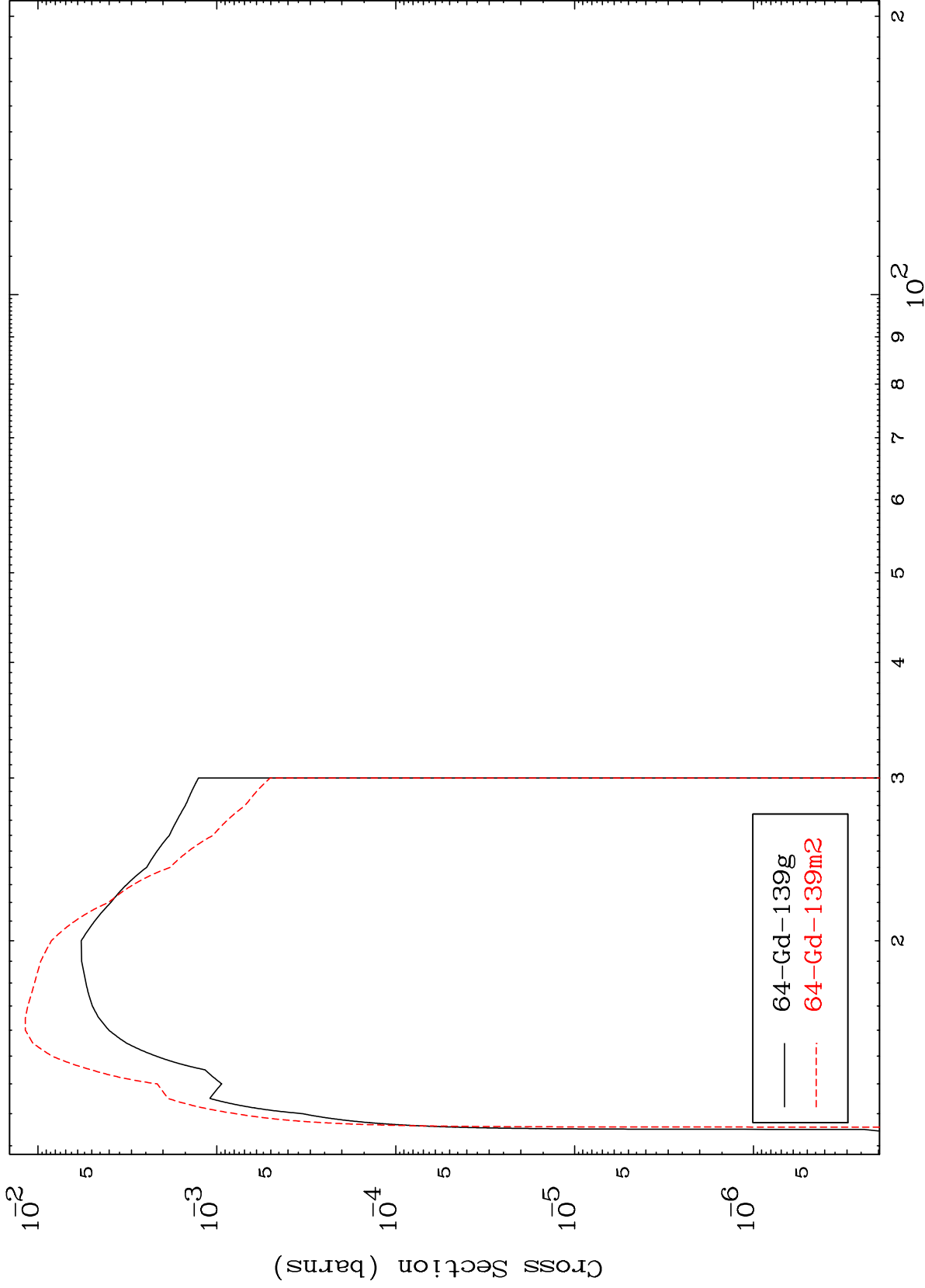
Incident Energy (MeV)

64-Gd-140

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Photon Inelastic  
Radionuclide Production Cross Section

64-Gd-140



11

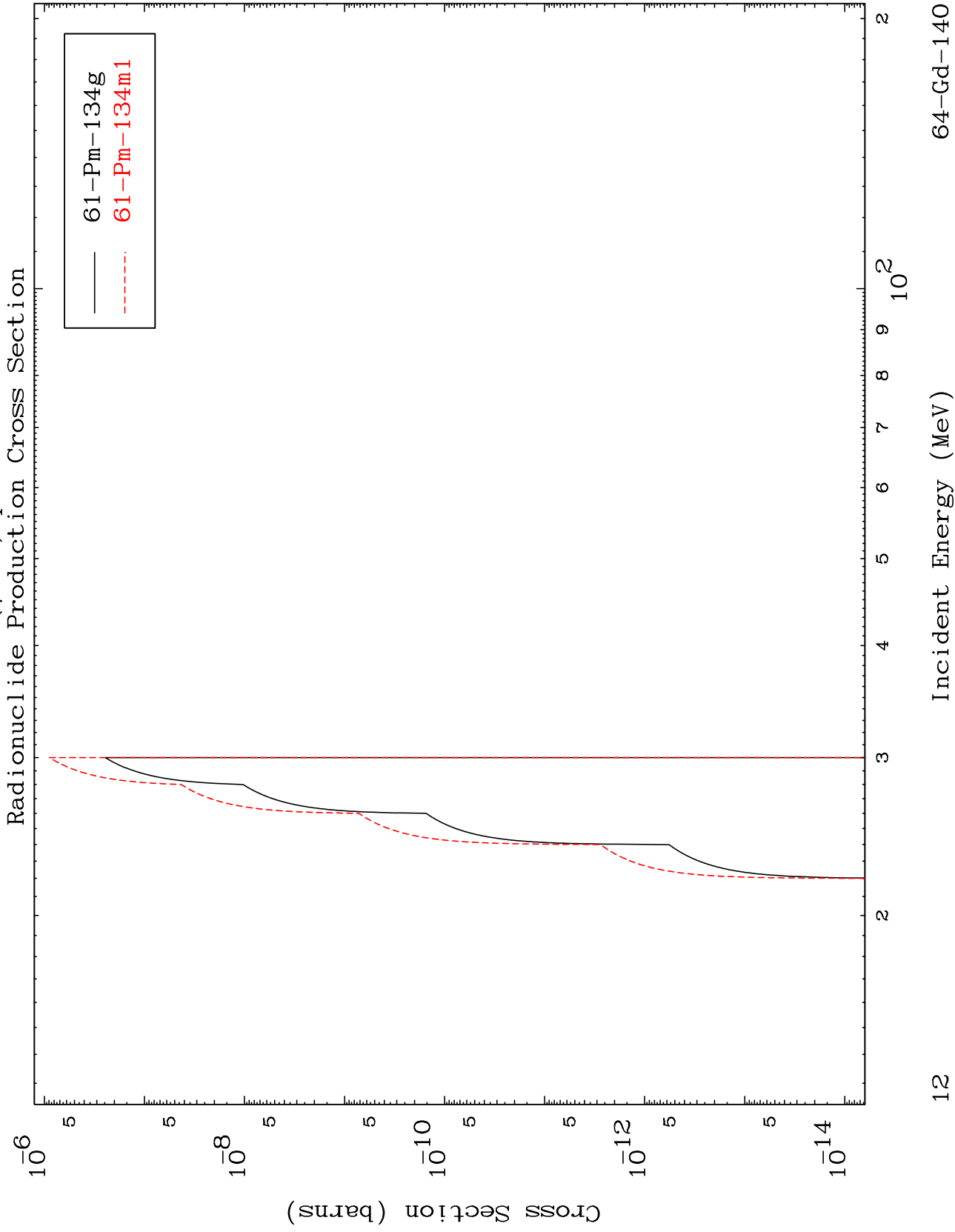
Incident Energy (MeV)

64-Gd-140

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

64-Gd-140



12

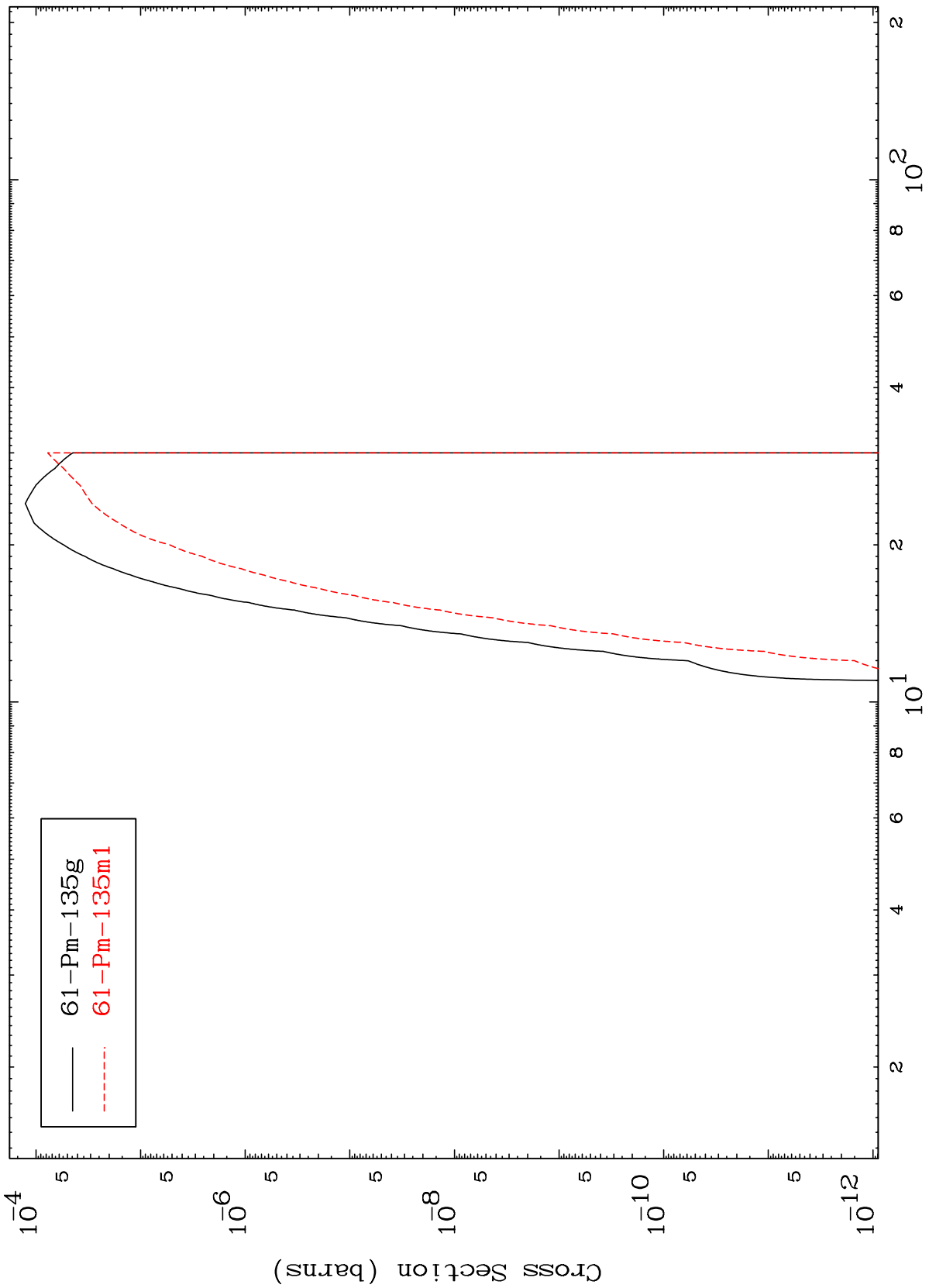
64-Gd-140

MAT 6389

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

64-Gd-140

Radionuclide Production Cross Section



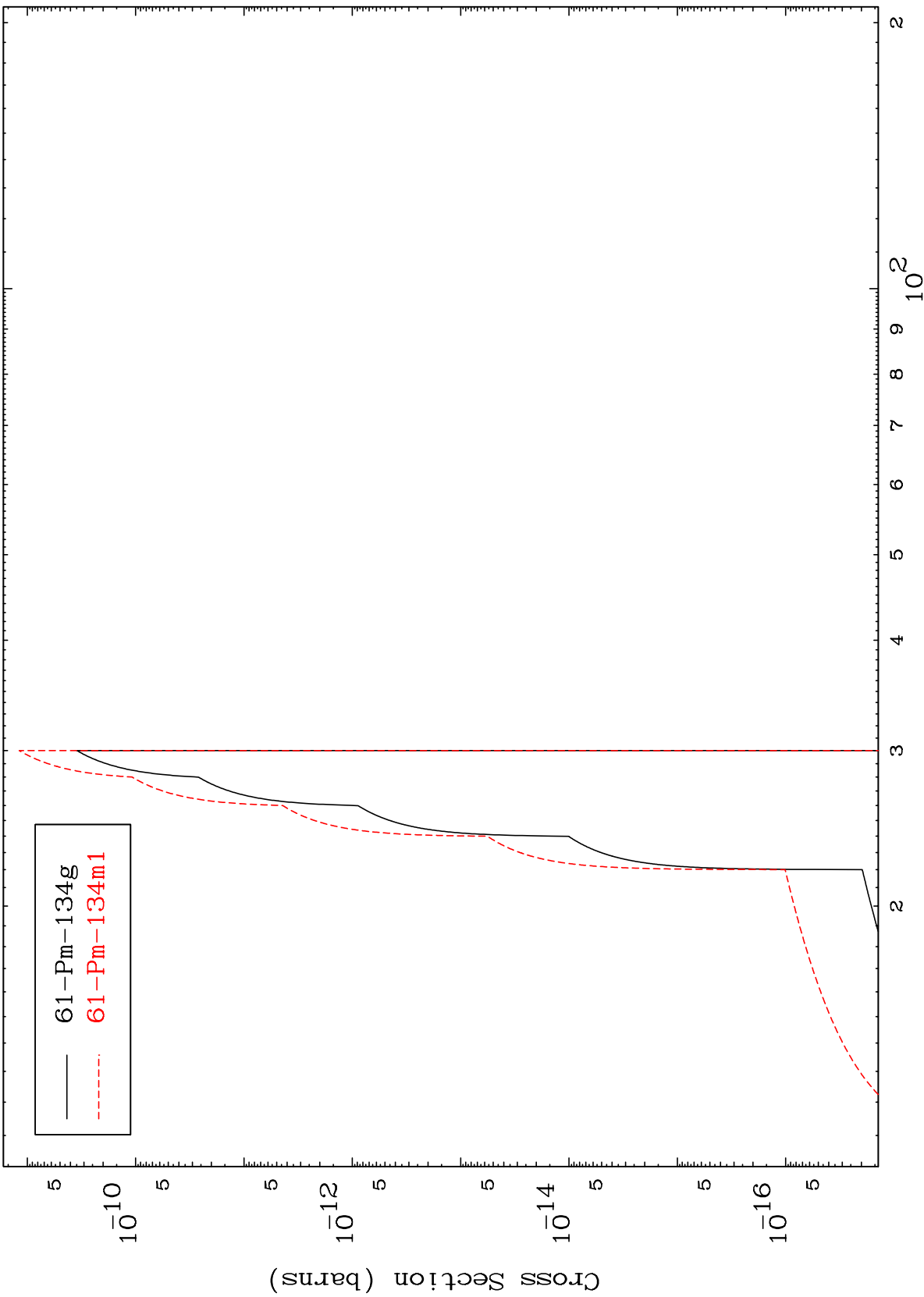
61-Pm-135g  
61-Pm-135m1

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( $\gamma, d$ )  $\alpha$

64-Gd-140

Radionuclide Production Cross Section



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Incident Energy (MeV)

64-Gd-140