

Program EVALPLOT  
(Version 2017-1)

by

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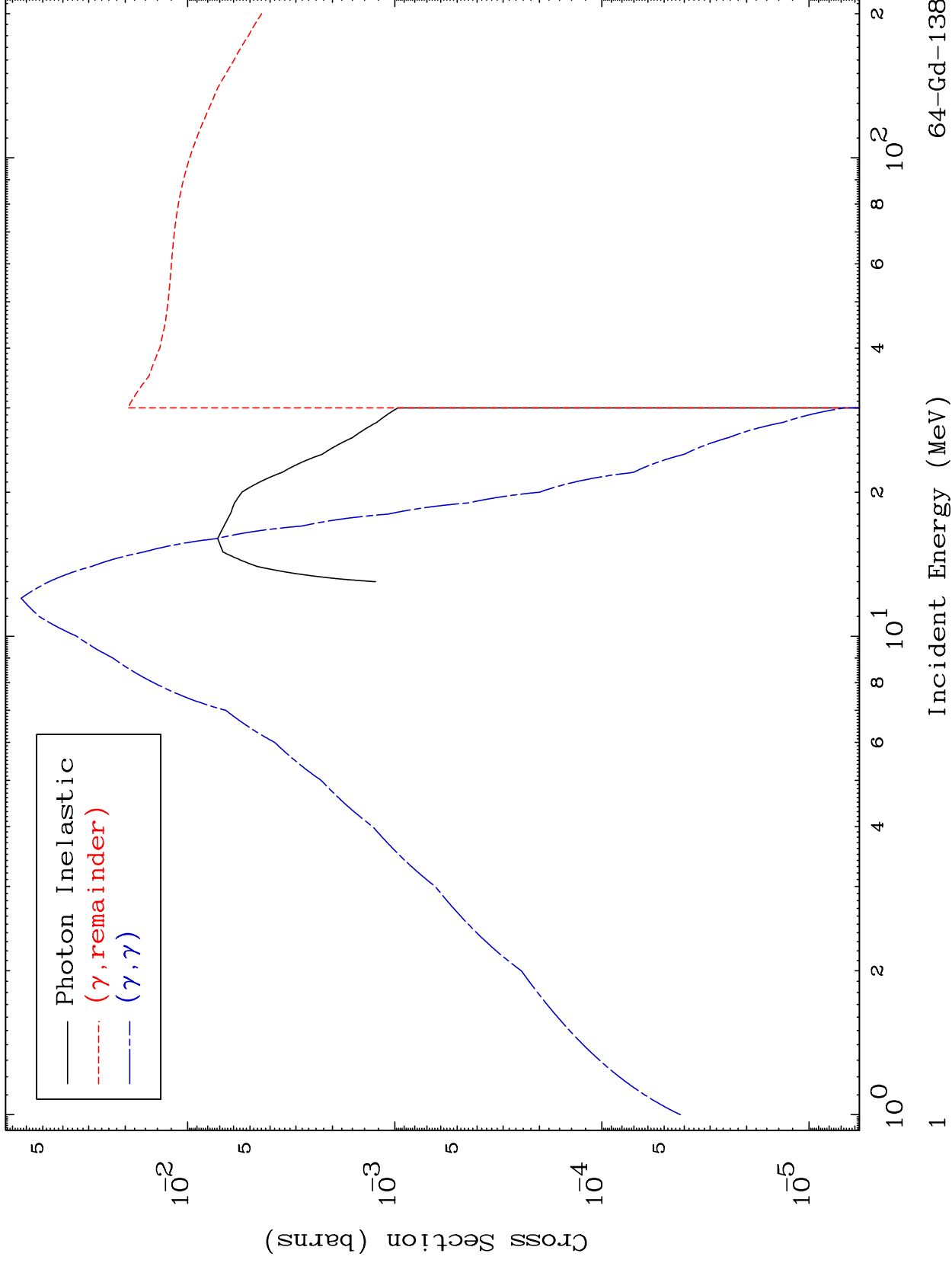
Press Mouse Button to Start

MAT 6383

Photon Major

64-Gd-138

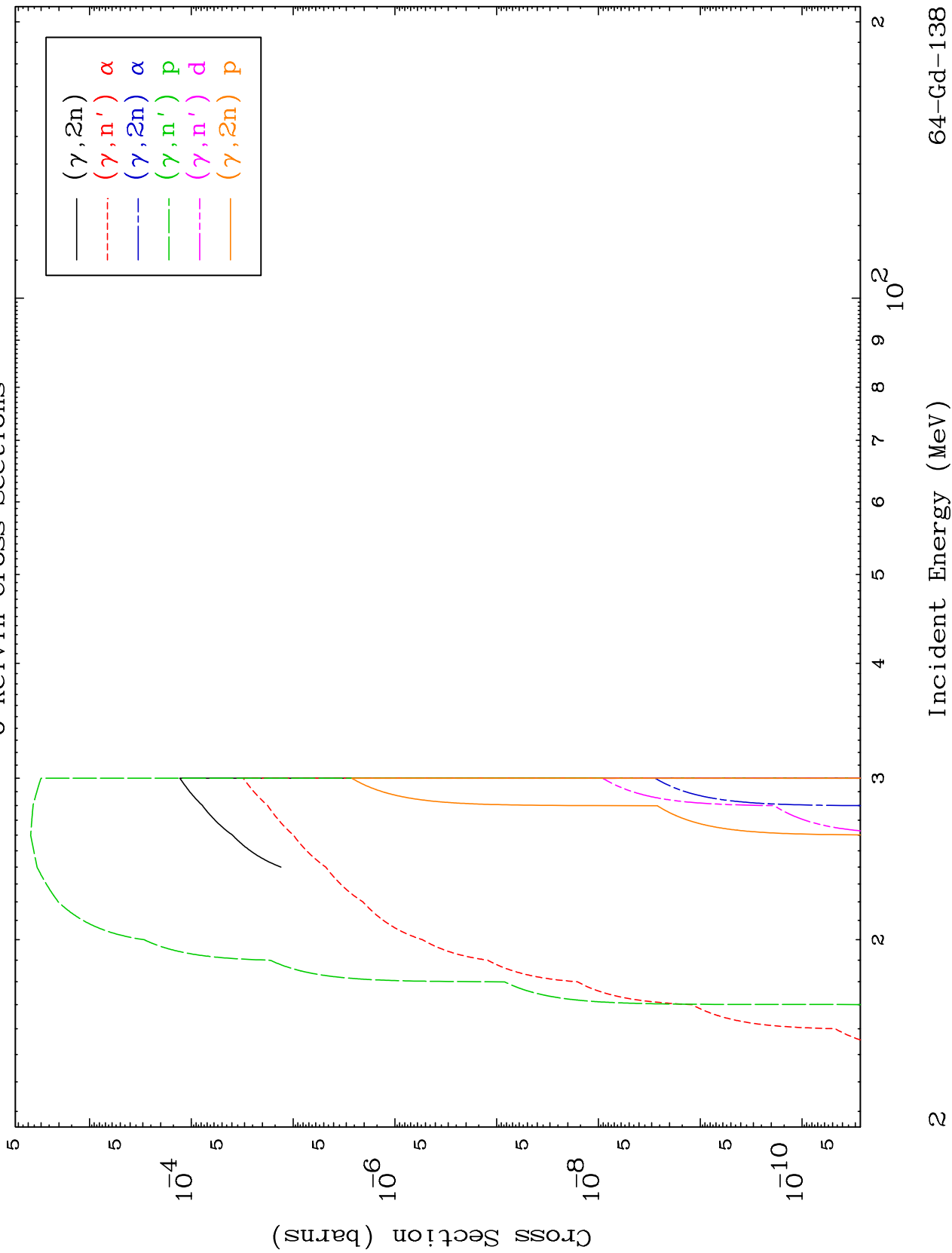
0 Kelvin Cross Sections



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

64-Gd-138

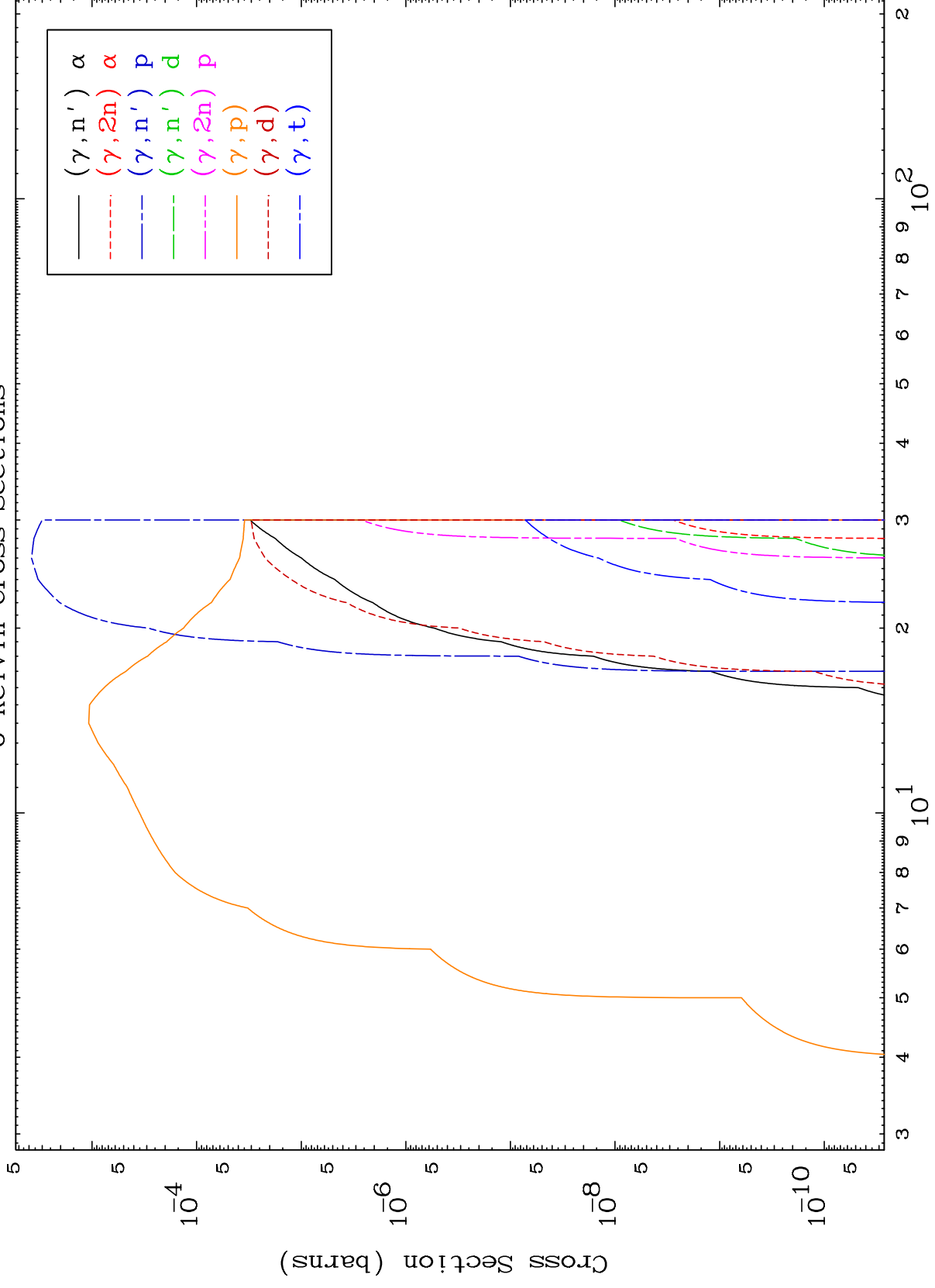
Incident Energy (MeV)



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Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-138



3

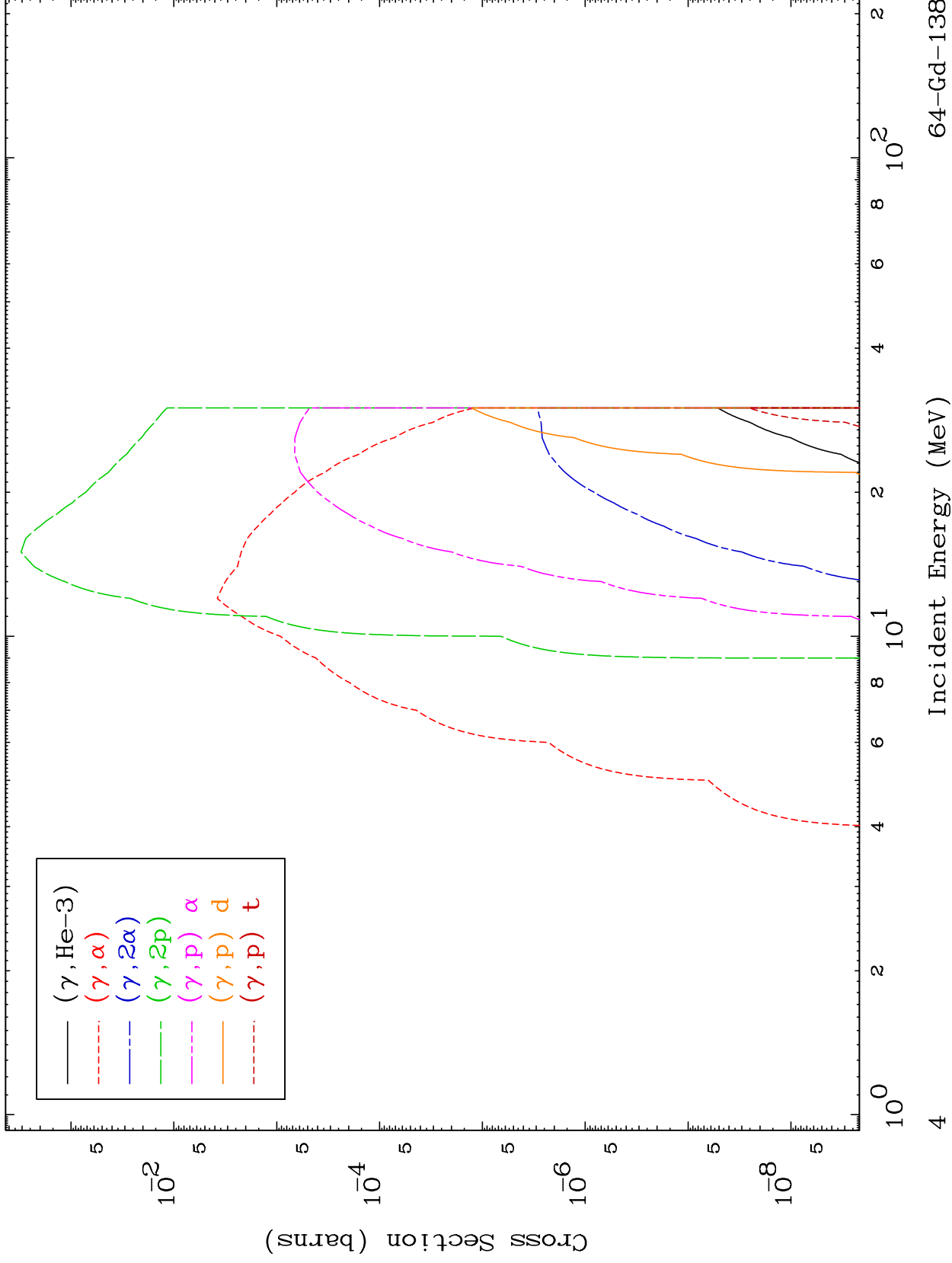
Incident Energy (MeV)

64-Gd-138

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Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-138



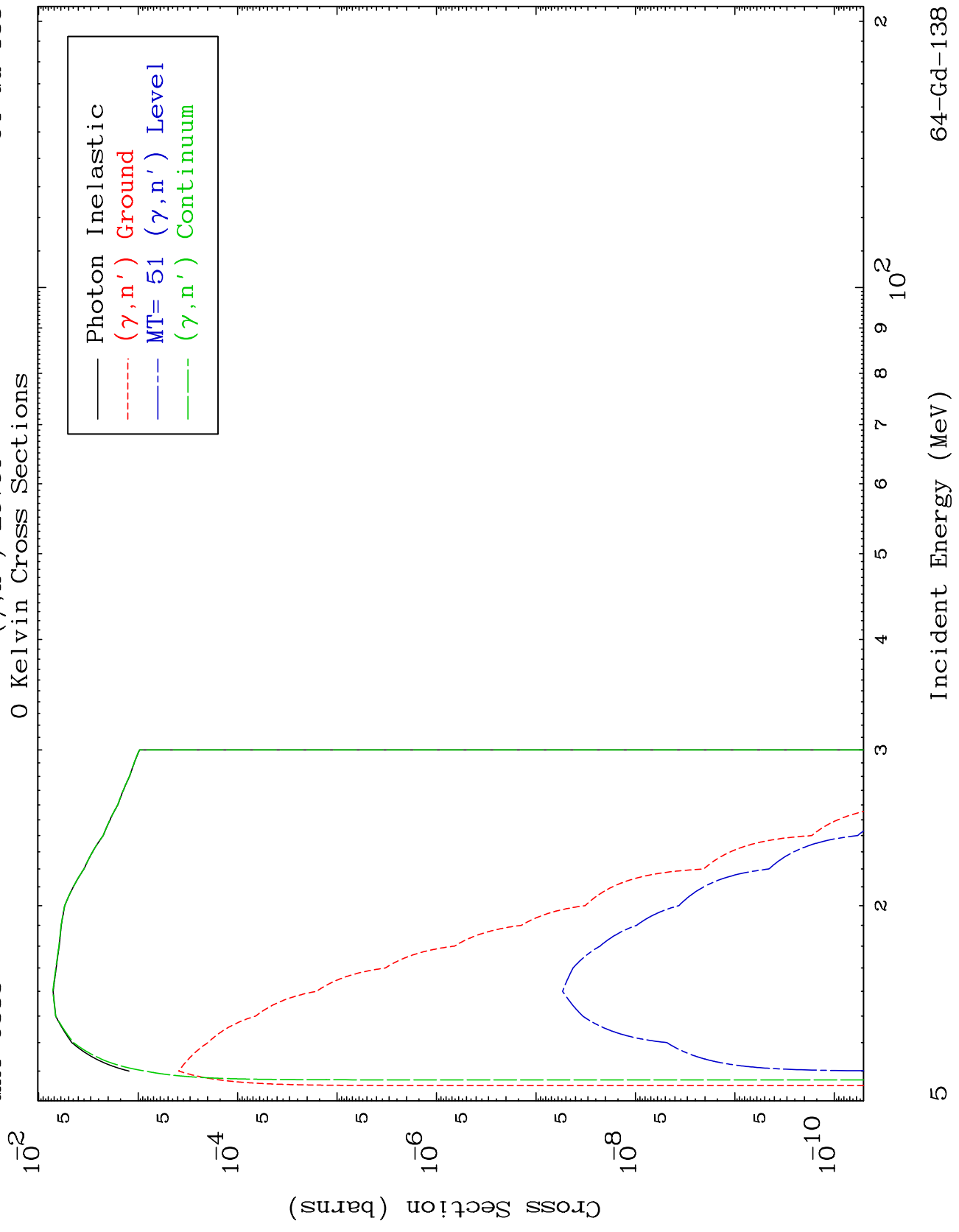
64-Gd-138

Incident Energy (MeV)

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( $\gamma, n'$ ) Level

64-Gd-138



64-Gd-138

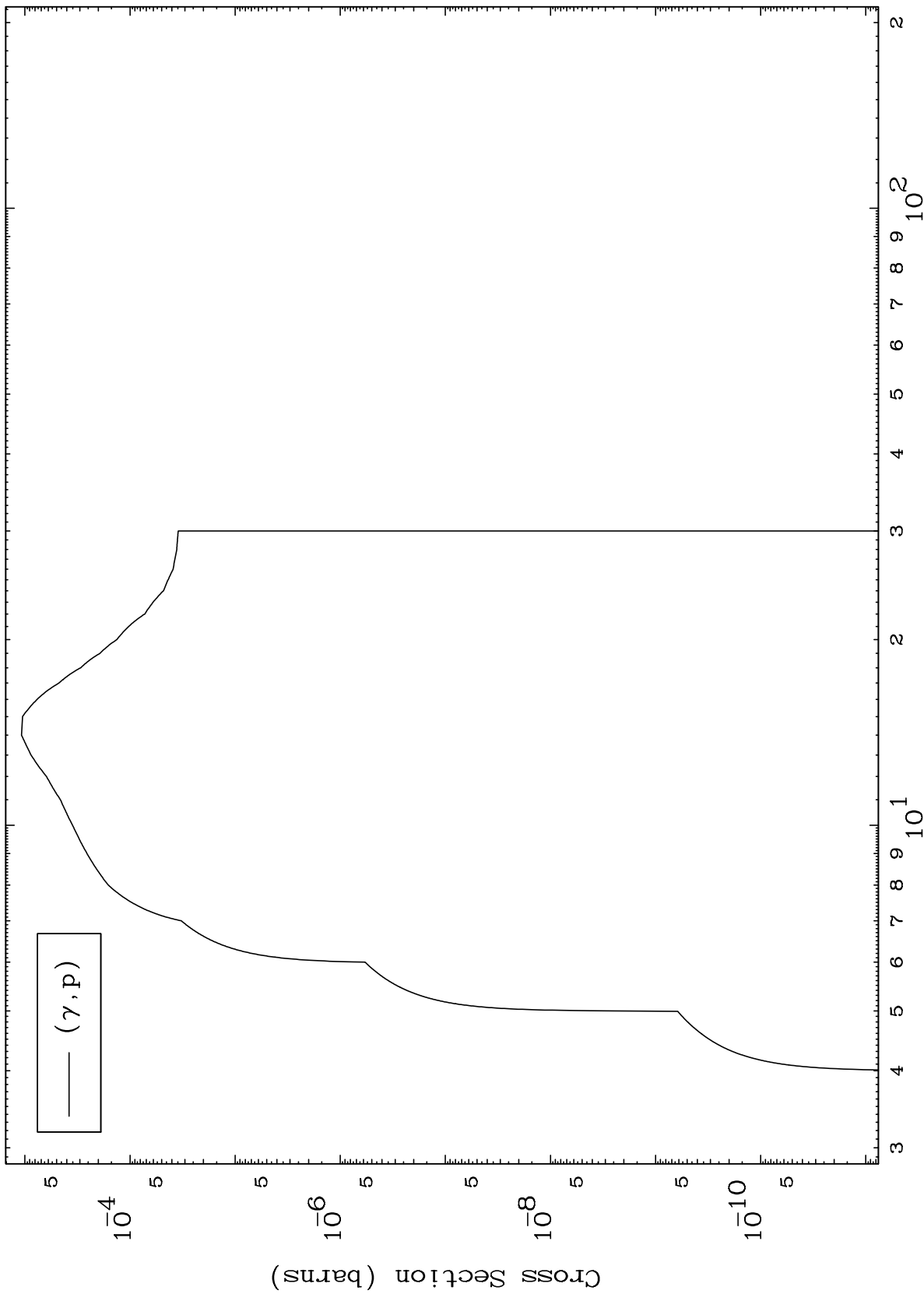
Incident Energy (MeV)

5

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64-Gd-138

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



64-Gd-138

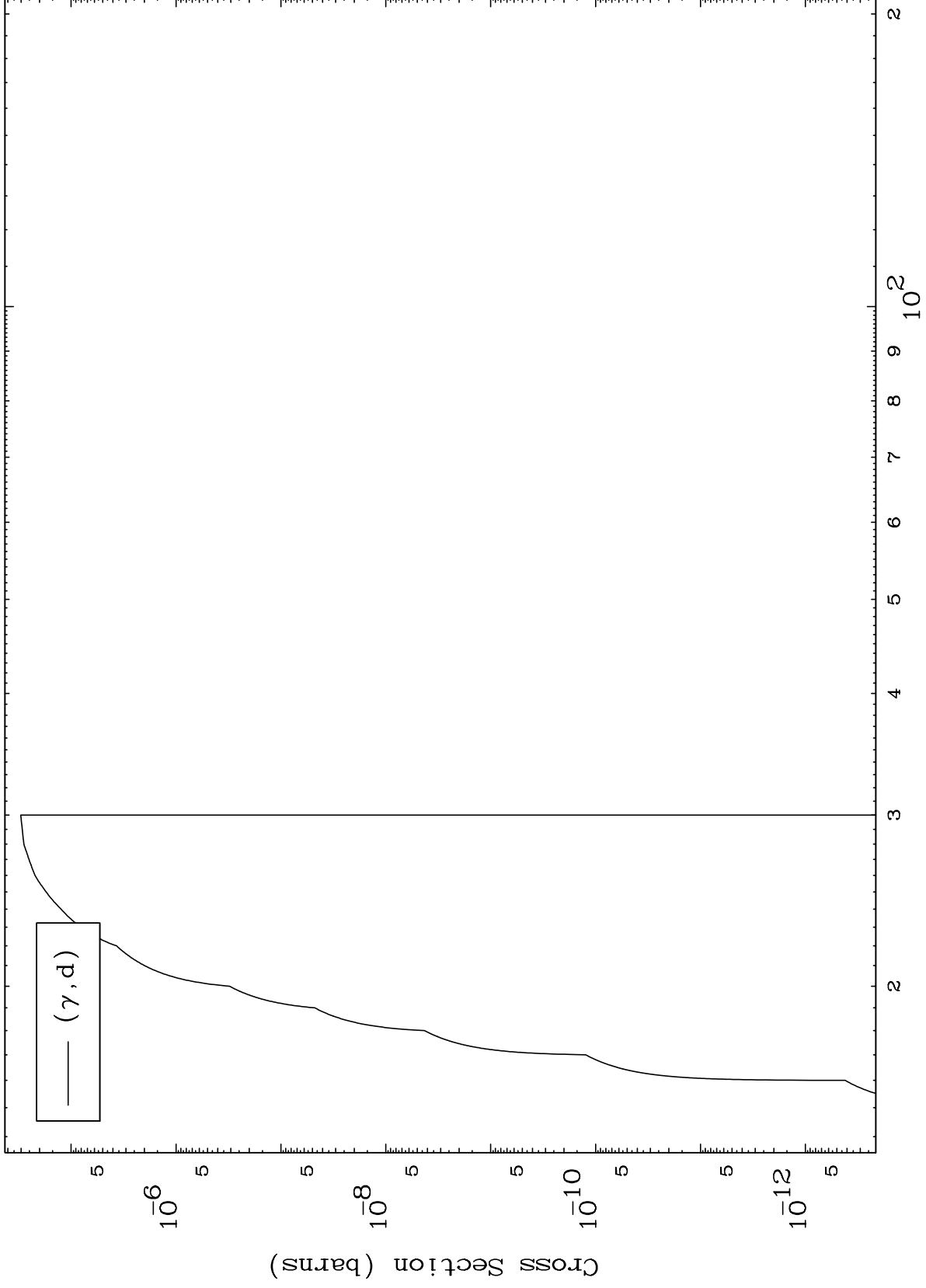
Incident Energy (MeV)

6

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

64-Gd-138



7

Incident Energy (MeV)

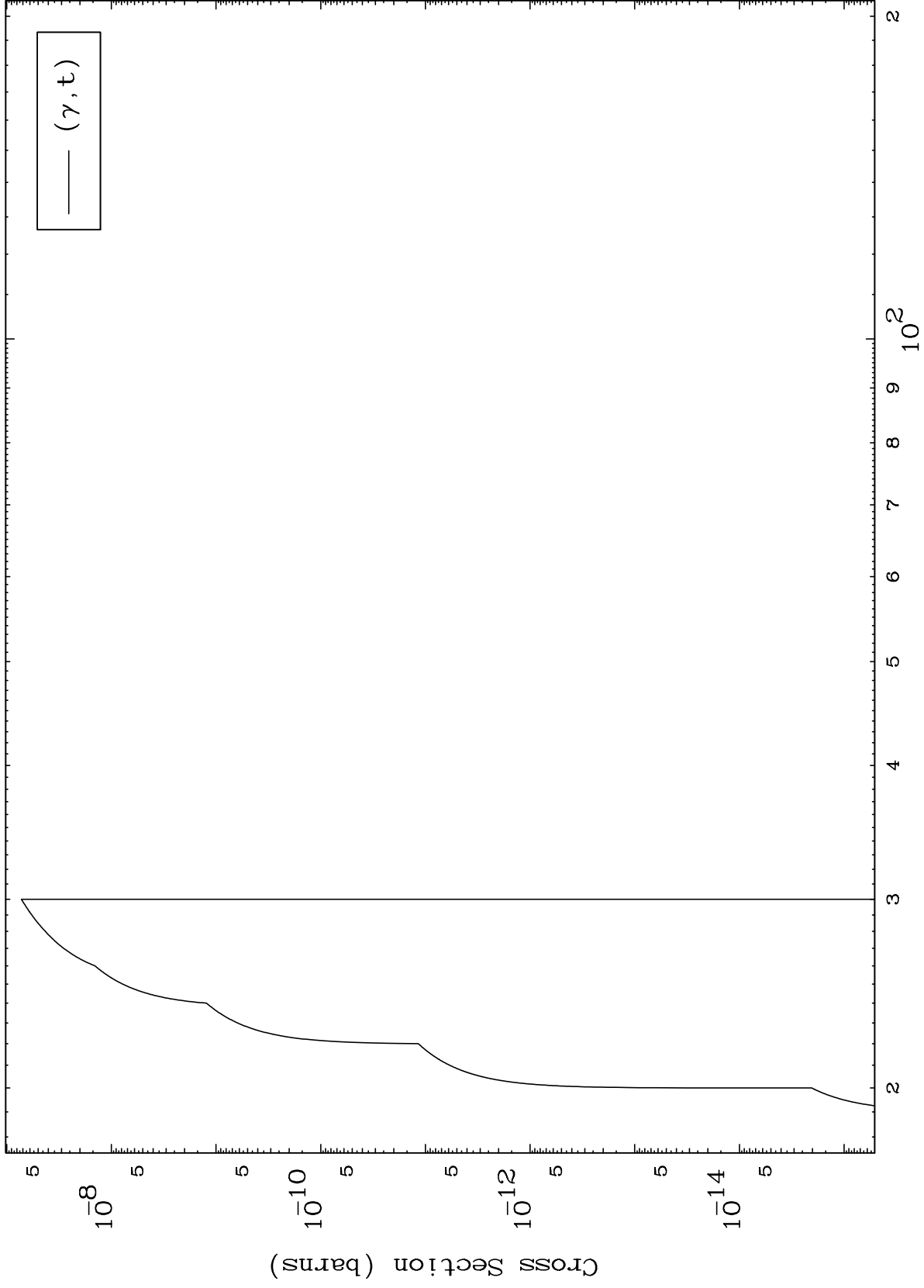
64-Gd-138



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

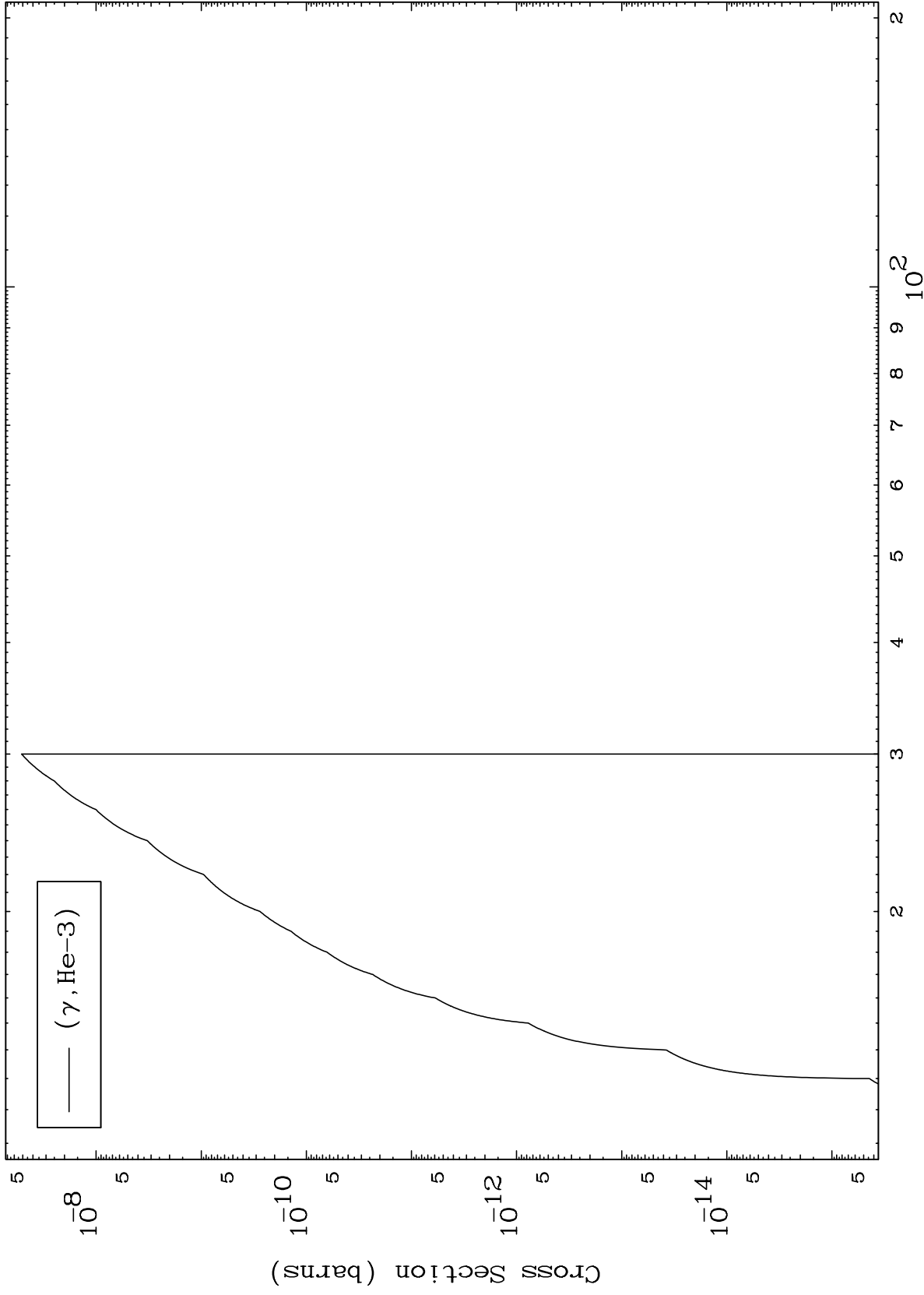
64-Gd-138



8

Incident Energy (MeV)

64-Gd-138

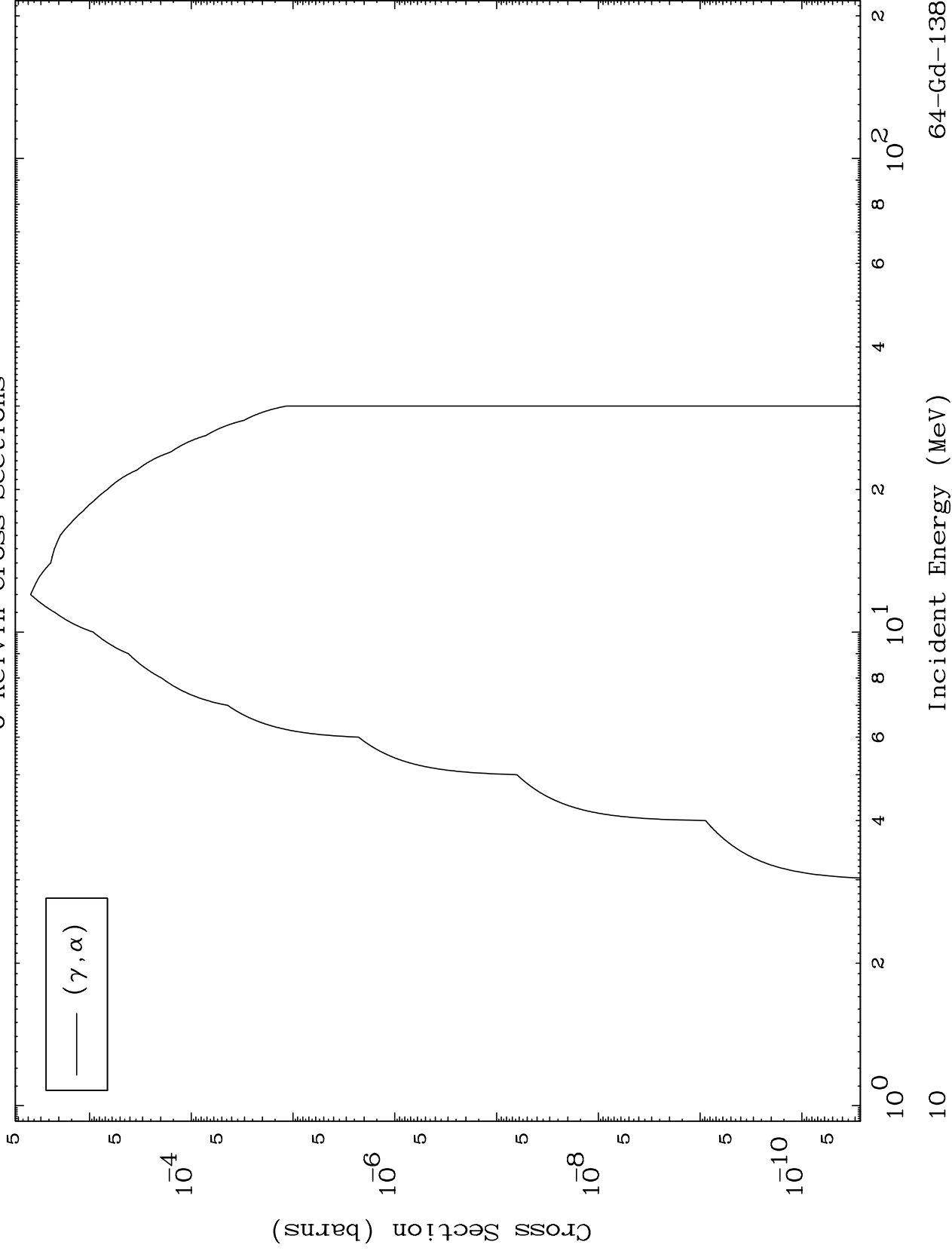


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( $\gamma, \alpha$ ) Levels

64-Gd-138

0 Kelvin Cross Sections



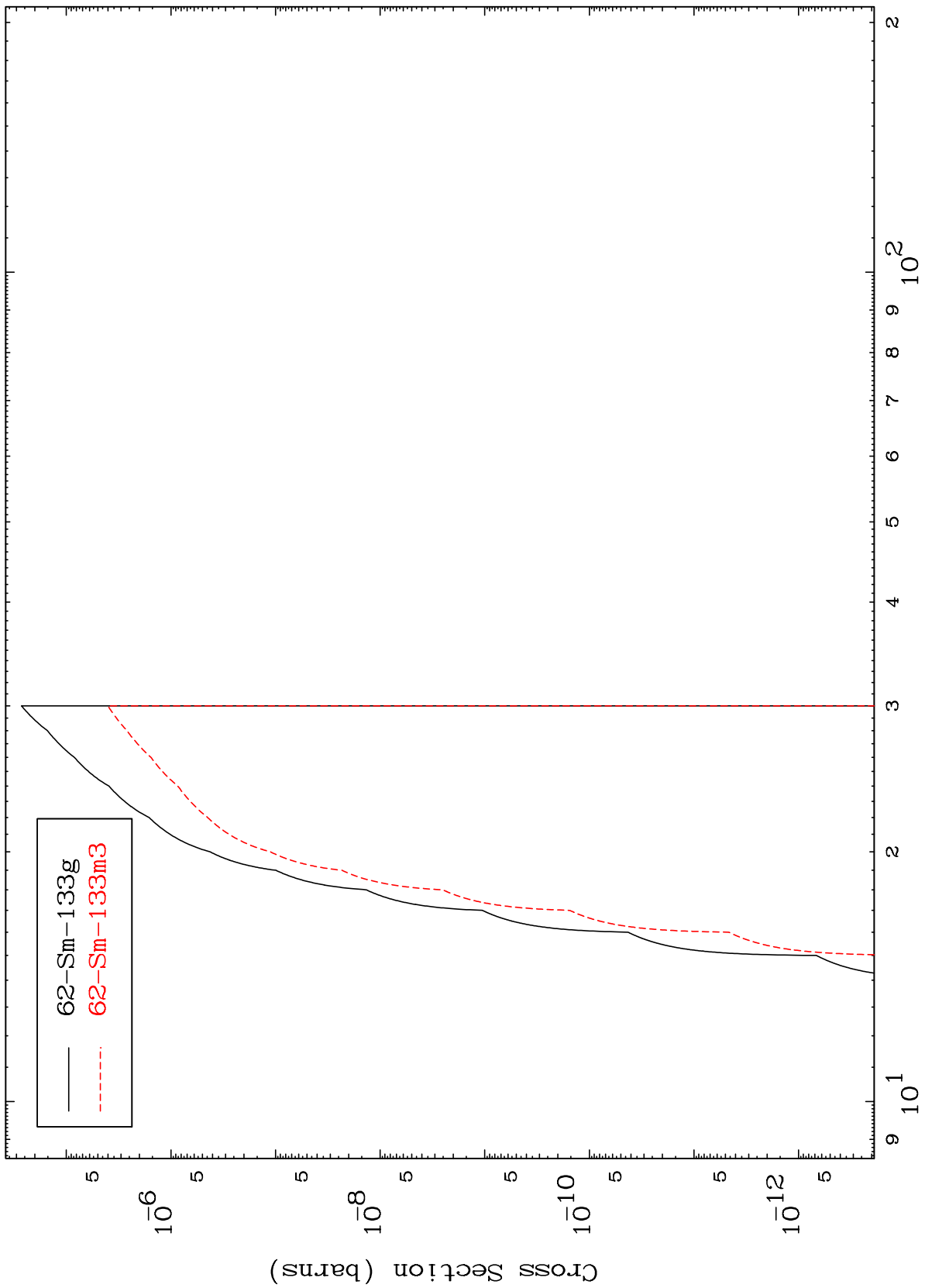
64-Gd-138

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

64-Gd-138

Radionuclide Production Cross Section

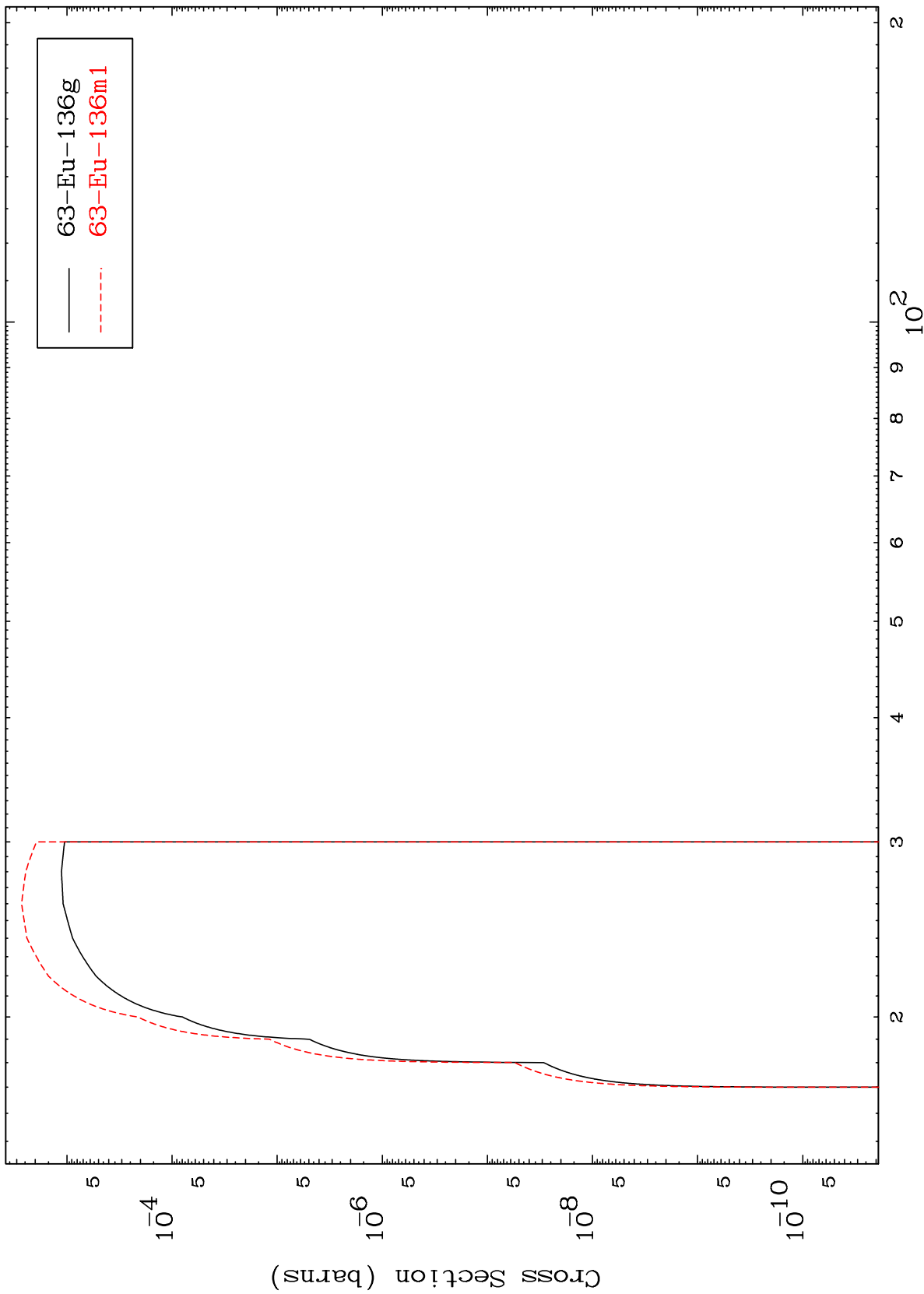


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Incident Energy (MeV)

64-Gd-138

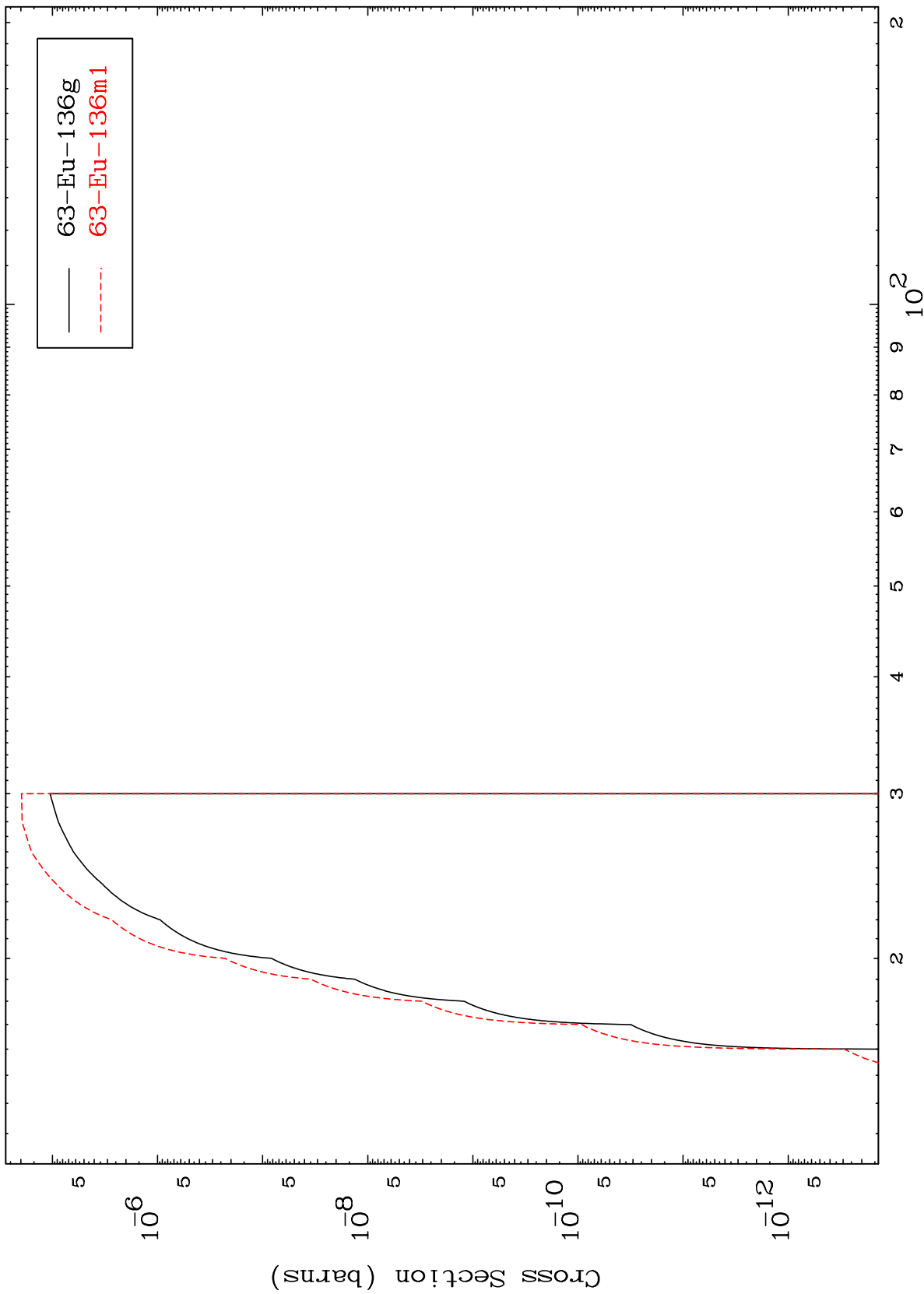
Radionuclide Production Cross Section



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64-Gd-138

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



13

Incident Energy (MeV)

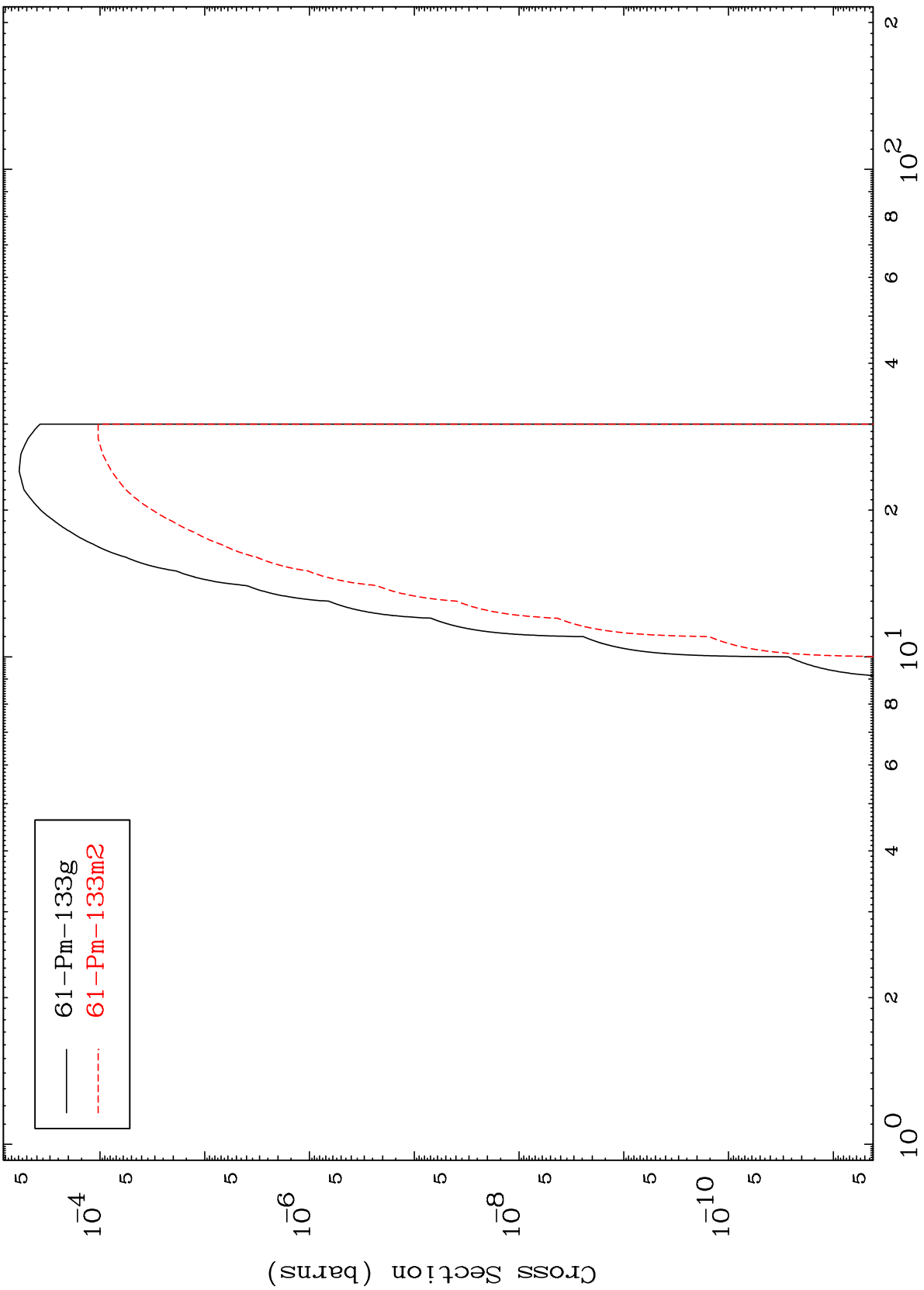
64-Gd-138

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

64-Gd-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

64-Gd-138