

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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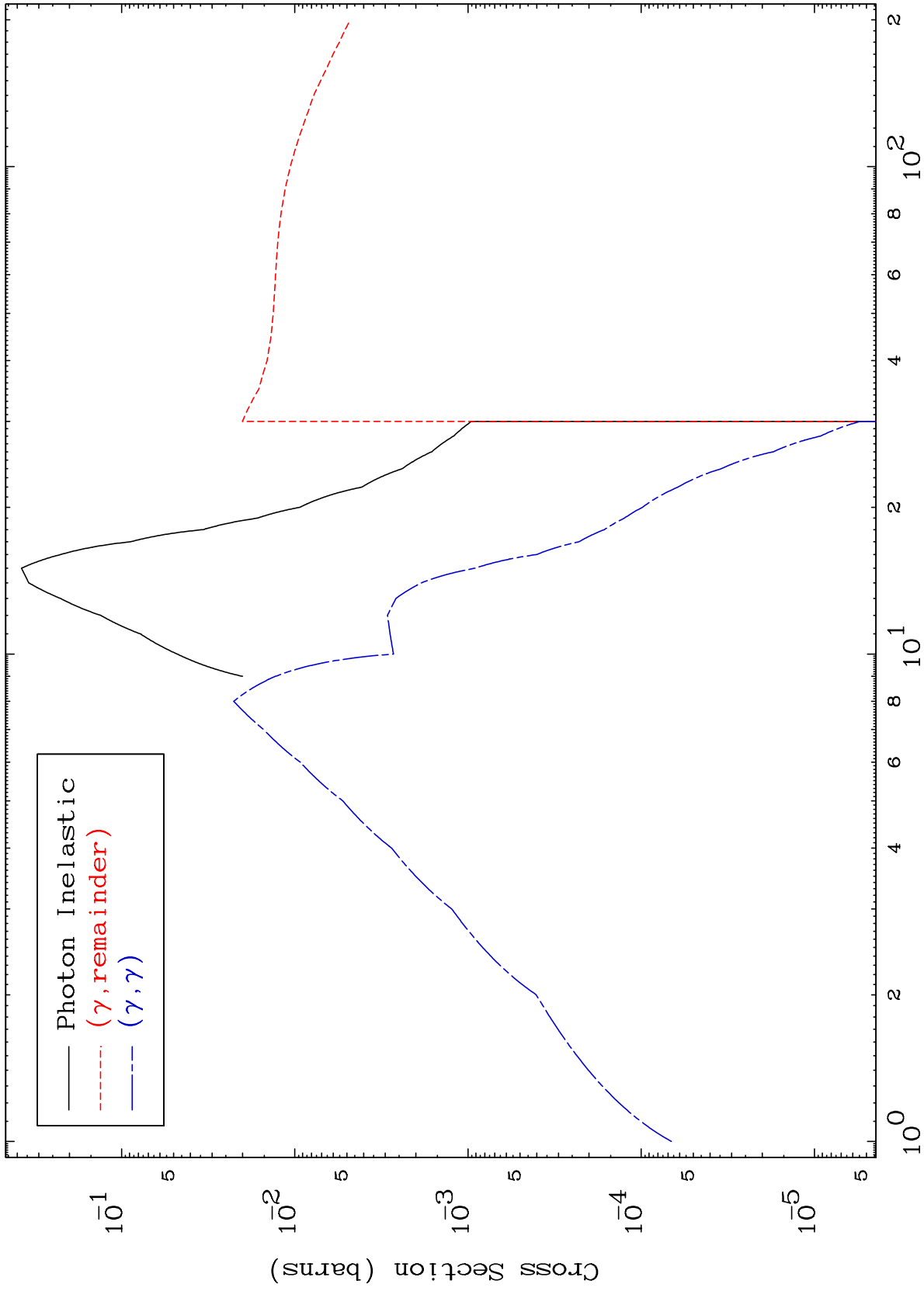
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6431

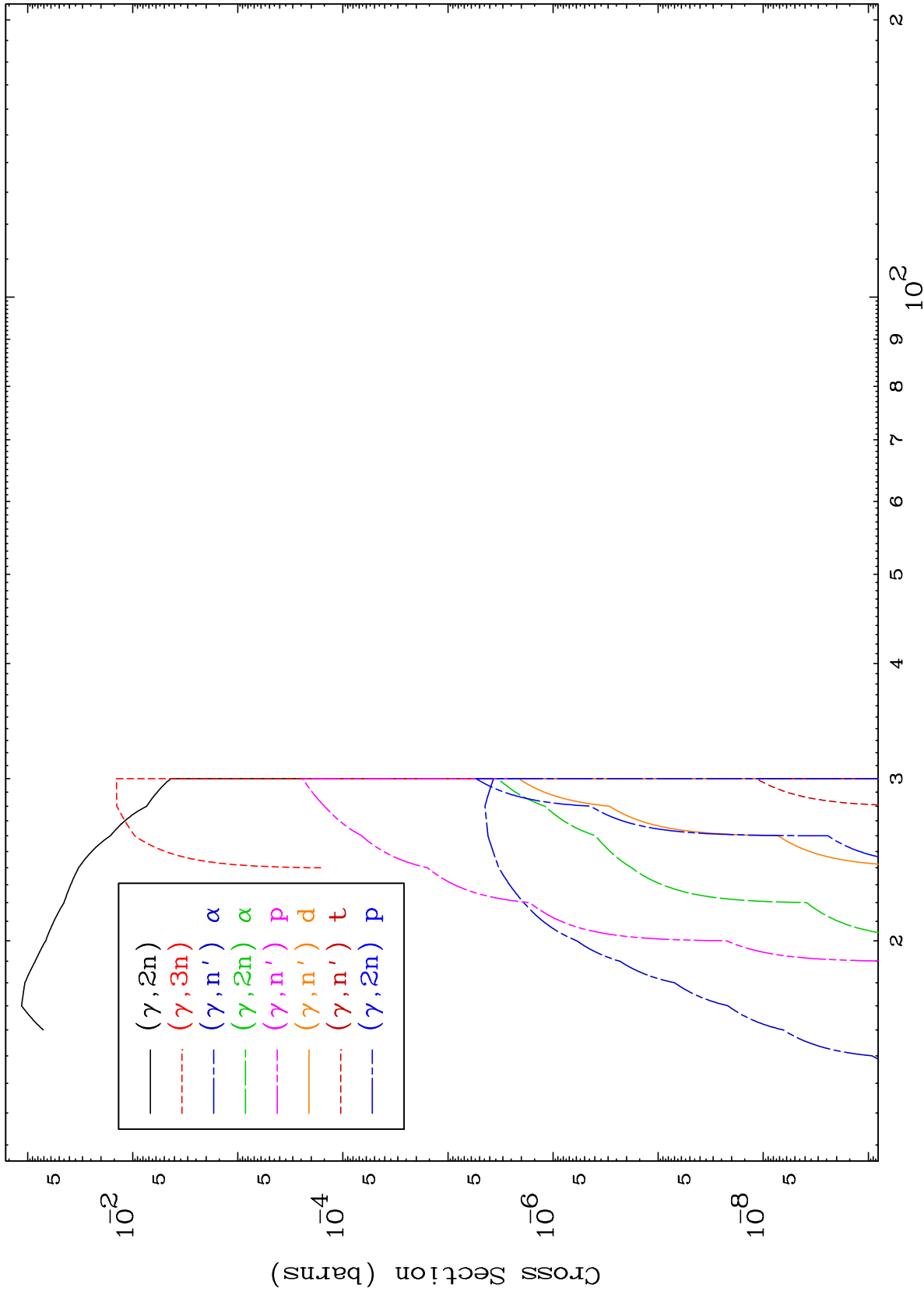
Photon Major  
0 Kelvin Cross Sections

64-Gd-154



Incident Energy (MeV)

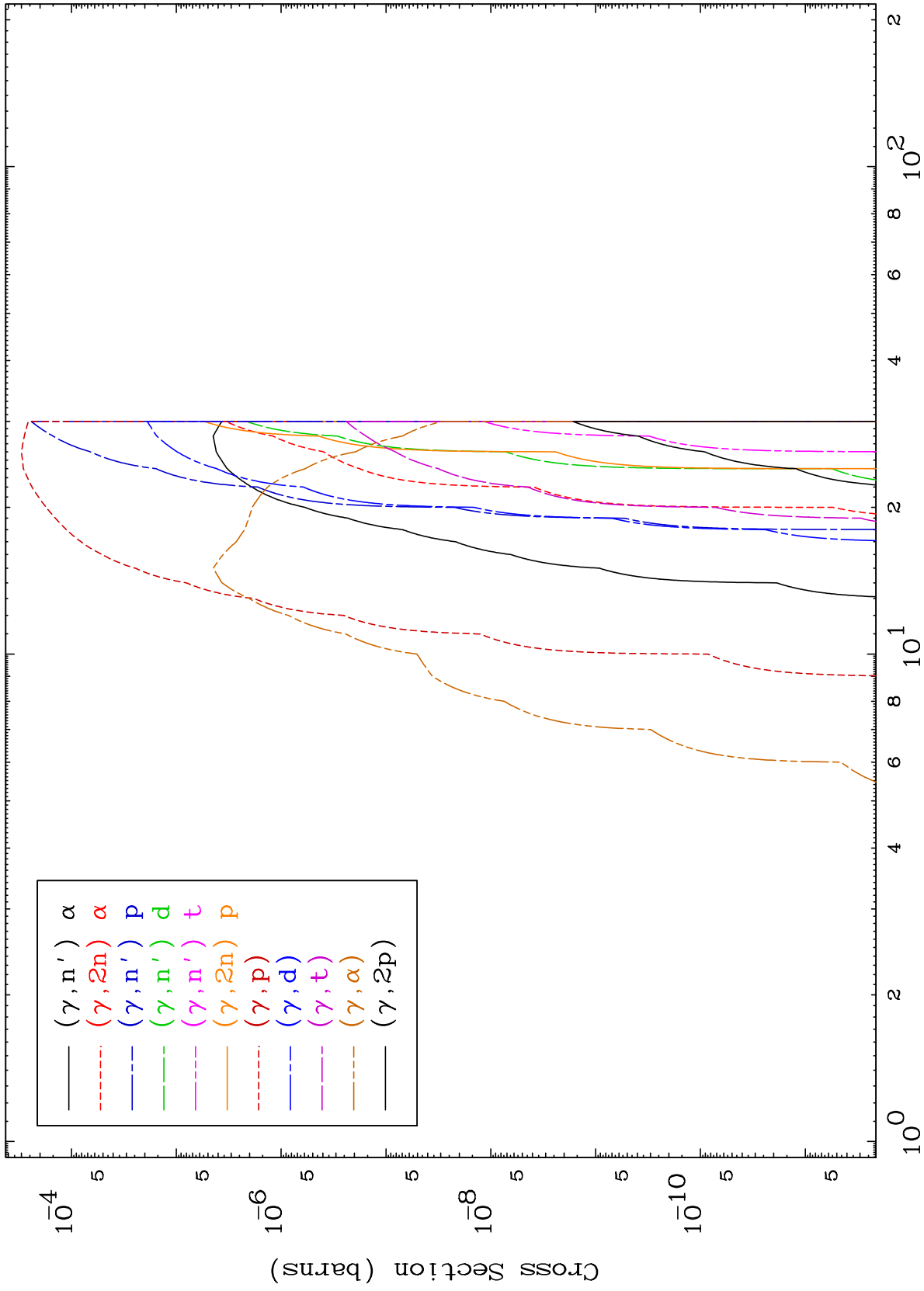
64-Gd-154



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Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-154



Incident Energy (MeV)

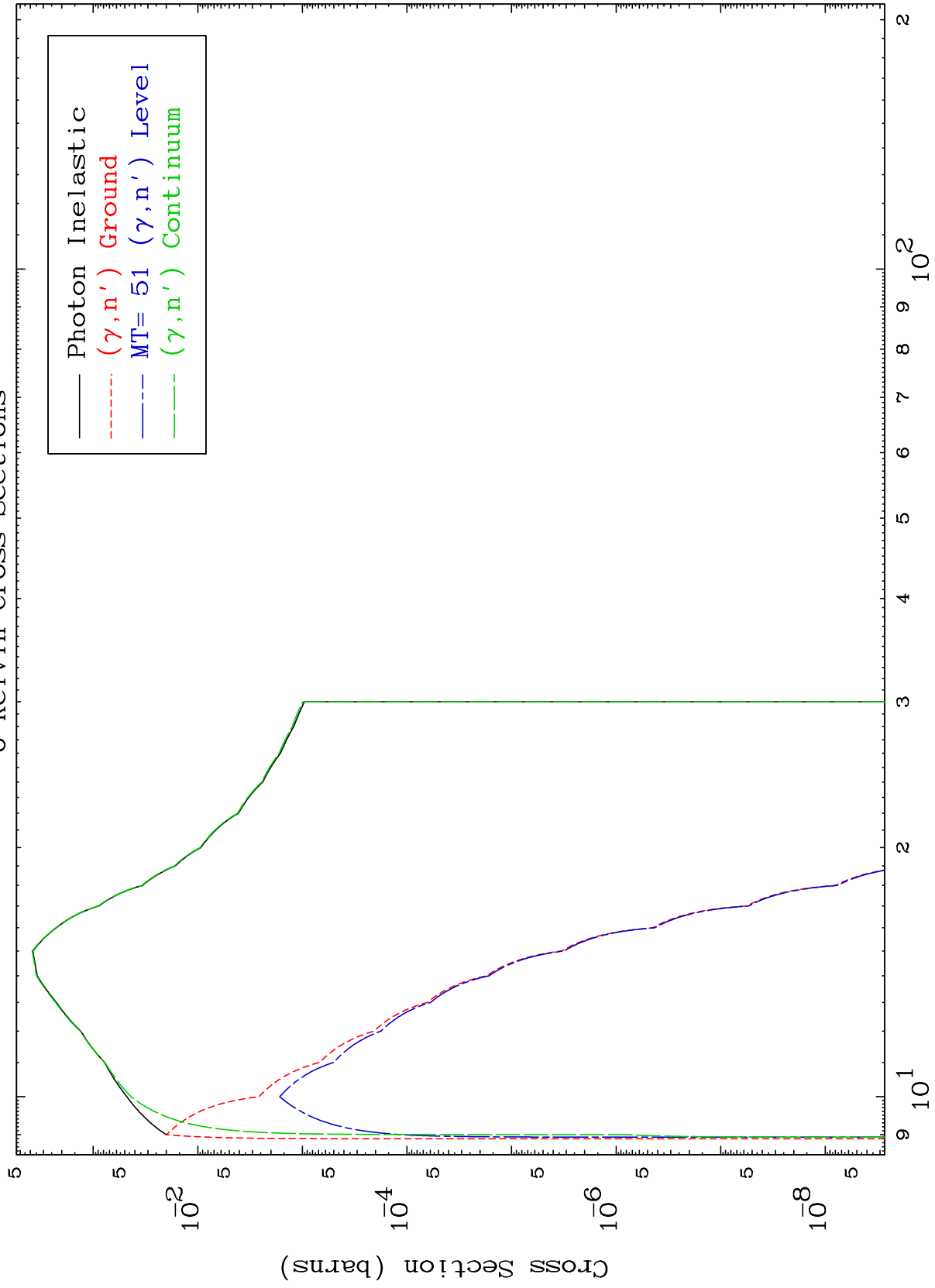
64-Gd-154

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MAT 6431

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

64-Gd-154



4

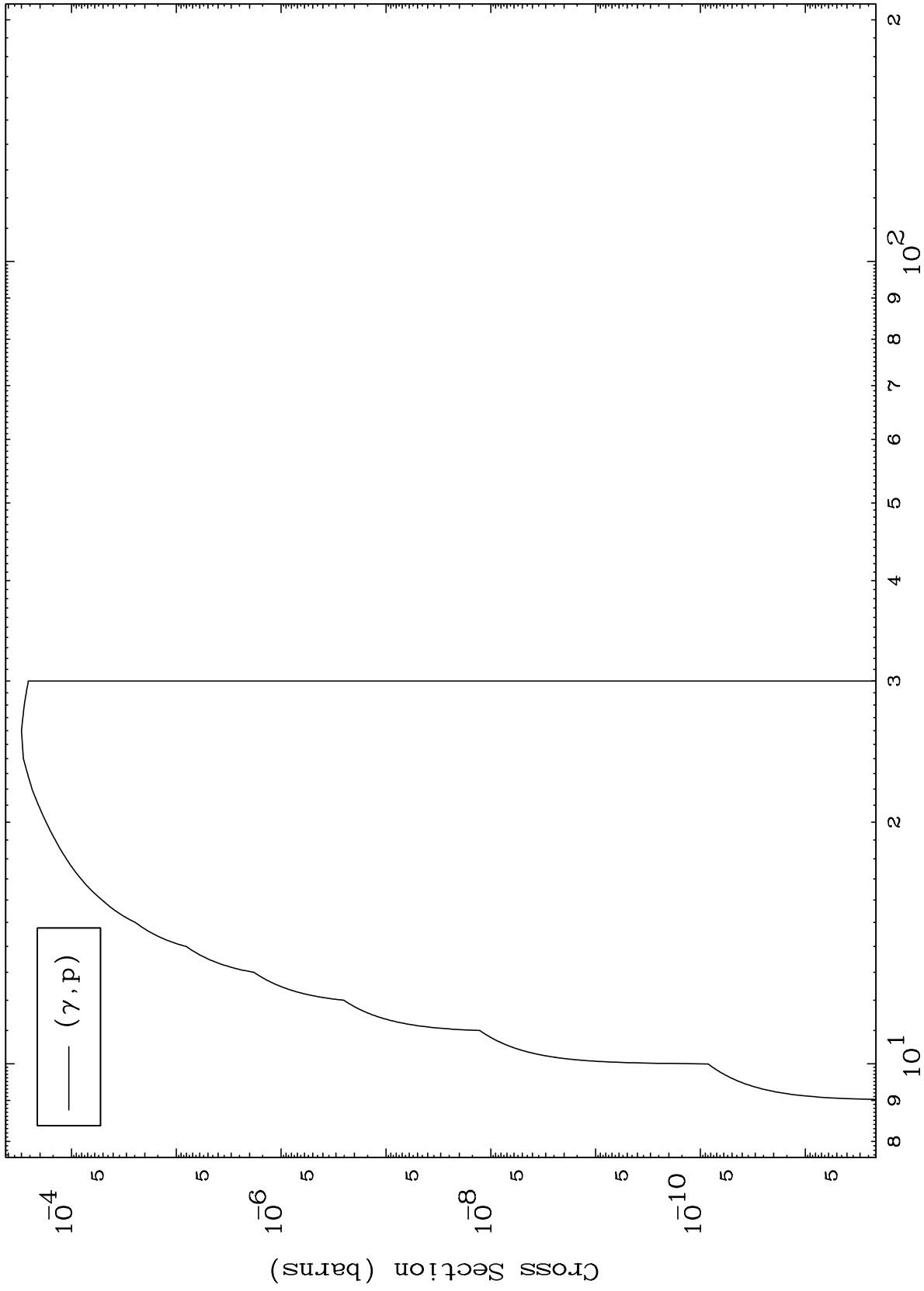
Incident Energy (MeV)

64-Gd-154

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

64-Gd-154



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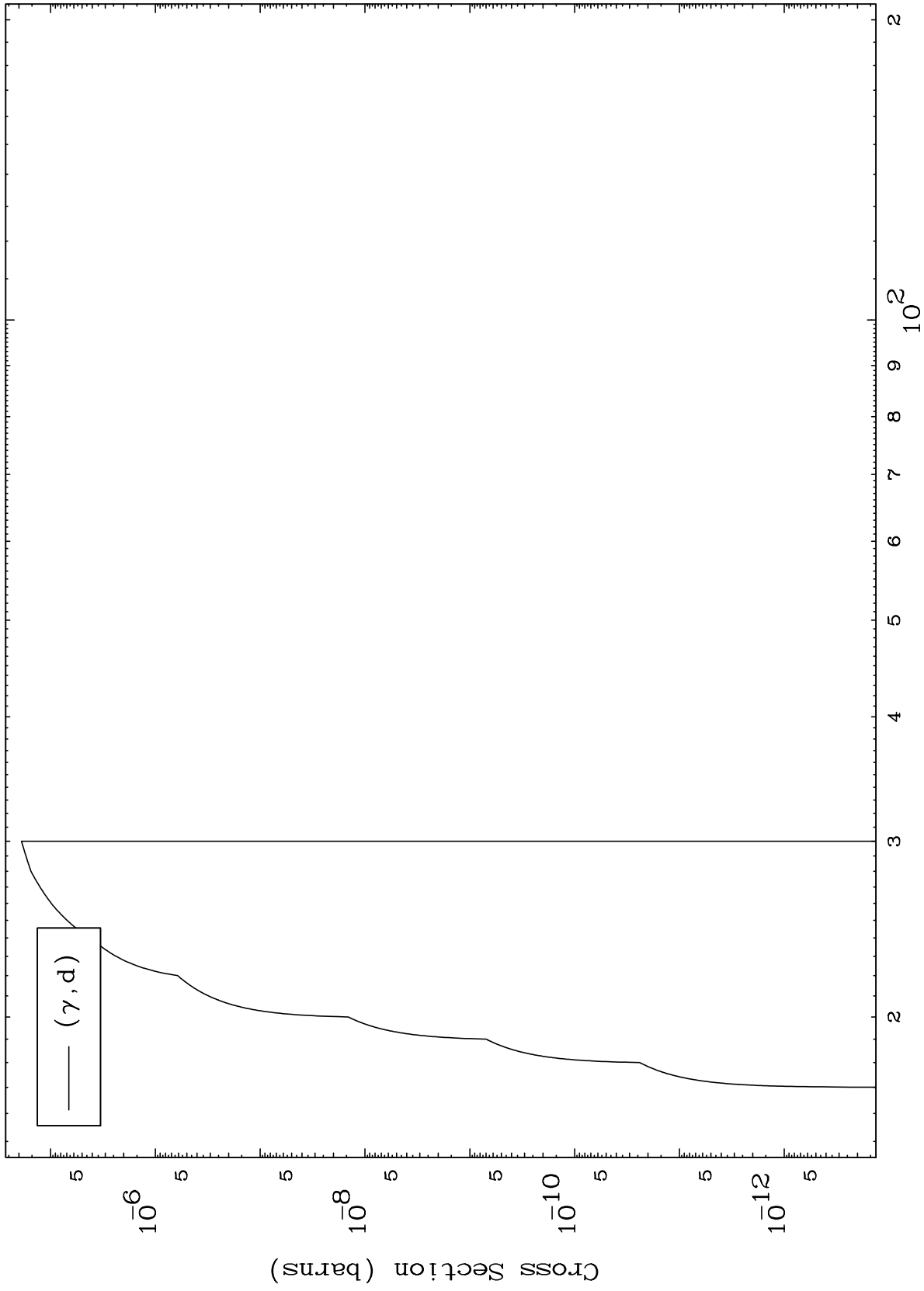
Incident Energy (MeV)

64-Gd-154

MAT 6431

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

64-Gd-154



6

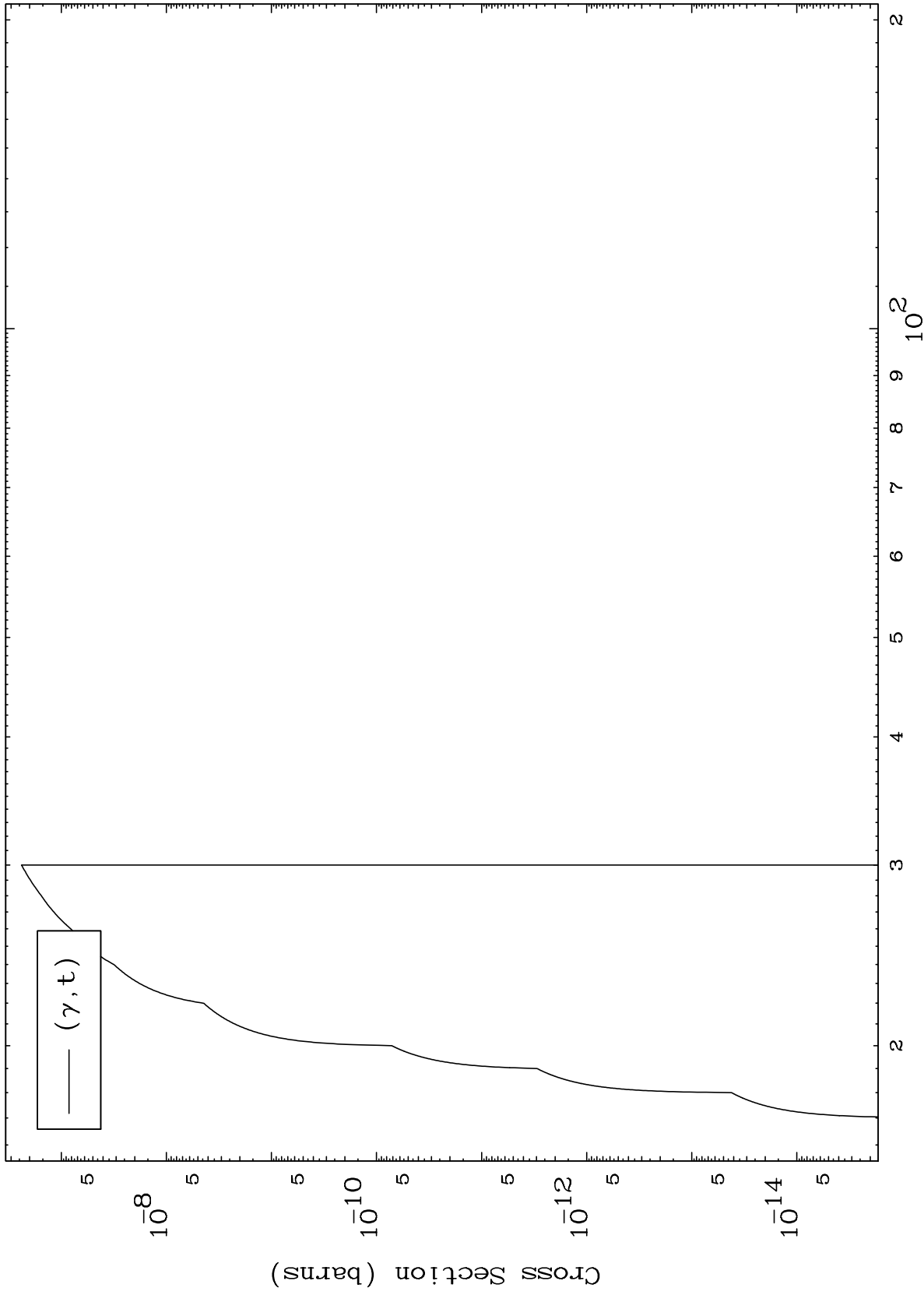
Incident Energy (MeV)

64-Gd-154

MAT 6431

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

64-Gd-154



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Incident Energy (MeV)

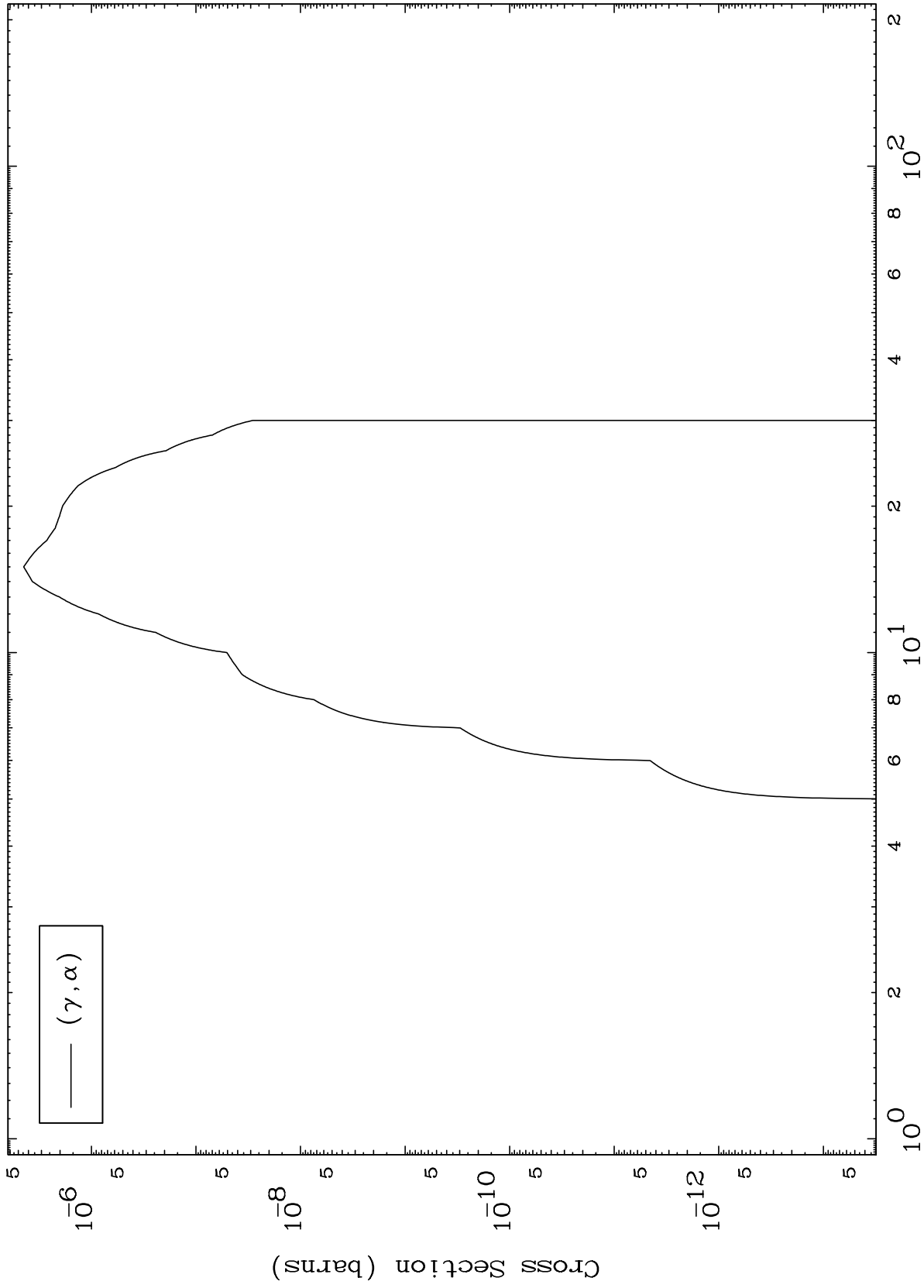
64-Gd-154



MAT 6431

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

64-Gd-154



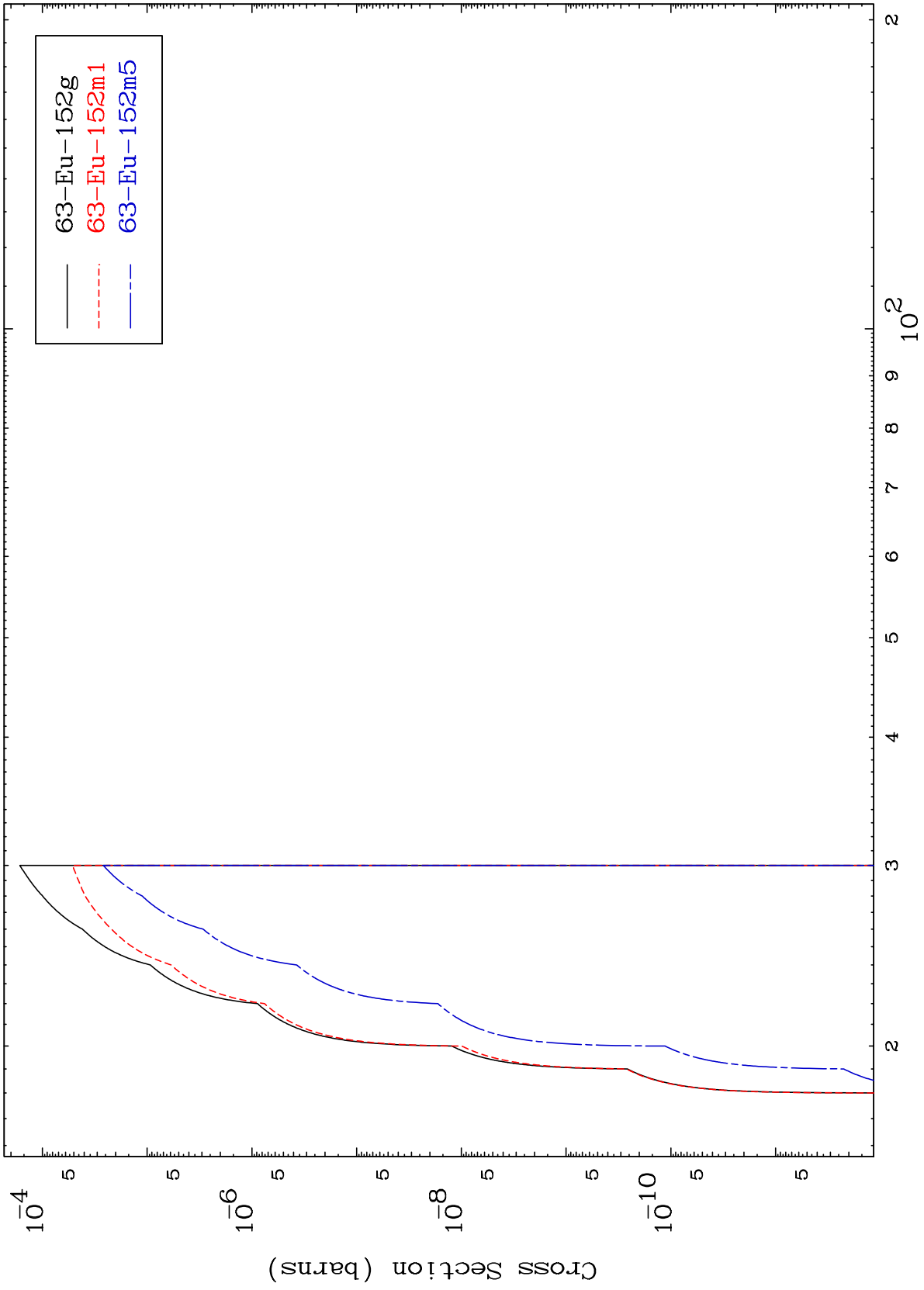
( $\gamma, \alpha$ )

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$(\gamma, n')$  p

64-Gd-154

Radionuclide Production Cross Section



9

Incident Energy (MeV)

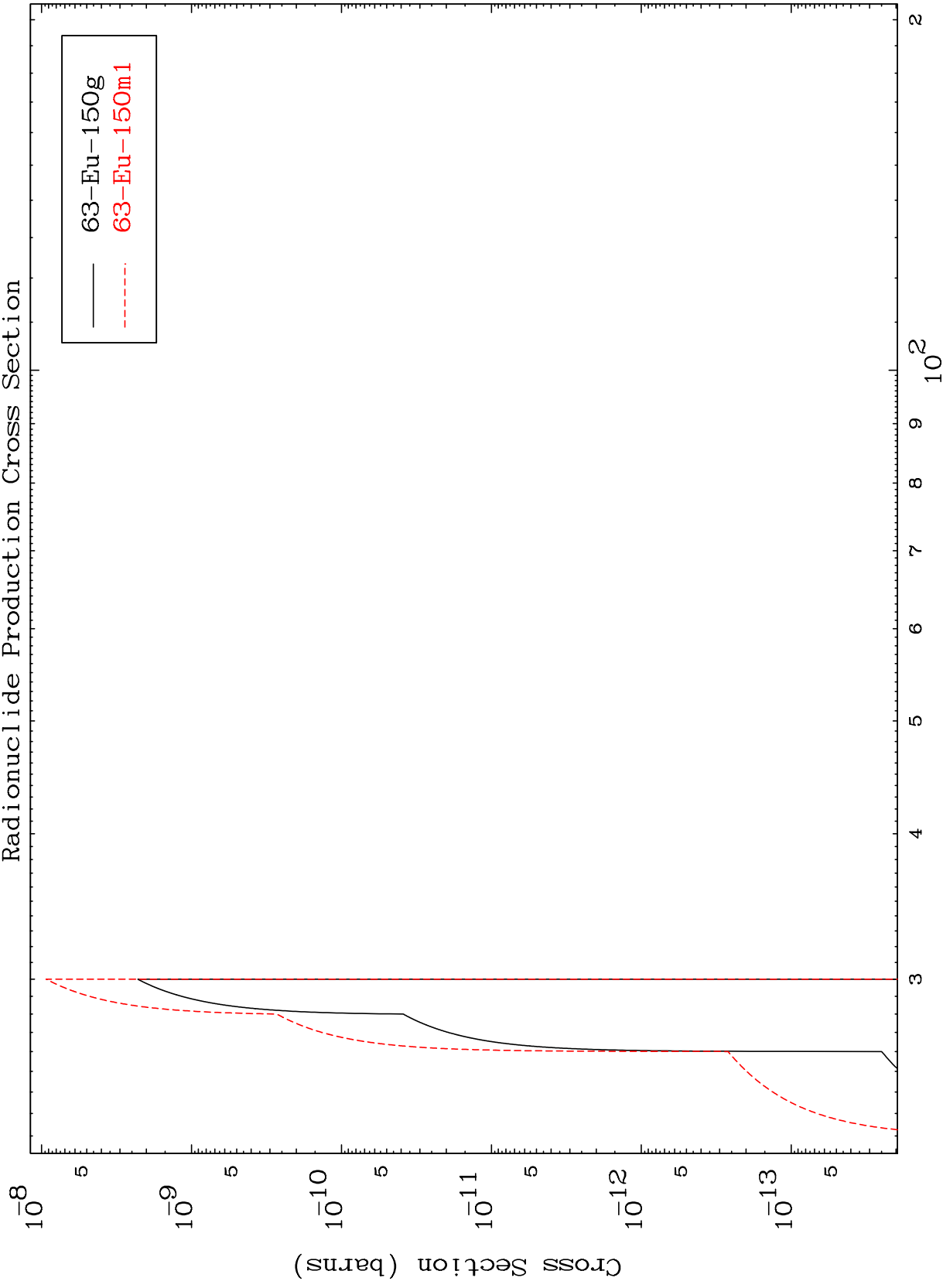
64-Gd-154

MAT 6431

( $\gamma, n'$ ) t

64-Gd-154

Radionuclide Production Cross Section



10

Incident Energy (MeV)

64-Gd-154

Radionuclide Production Cross Section

