

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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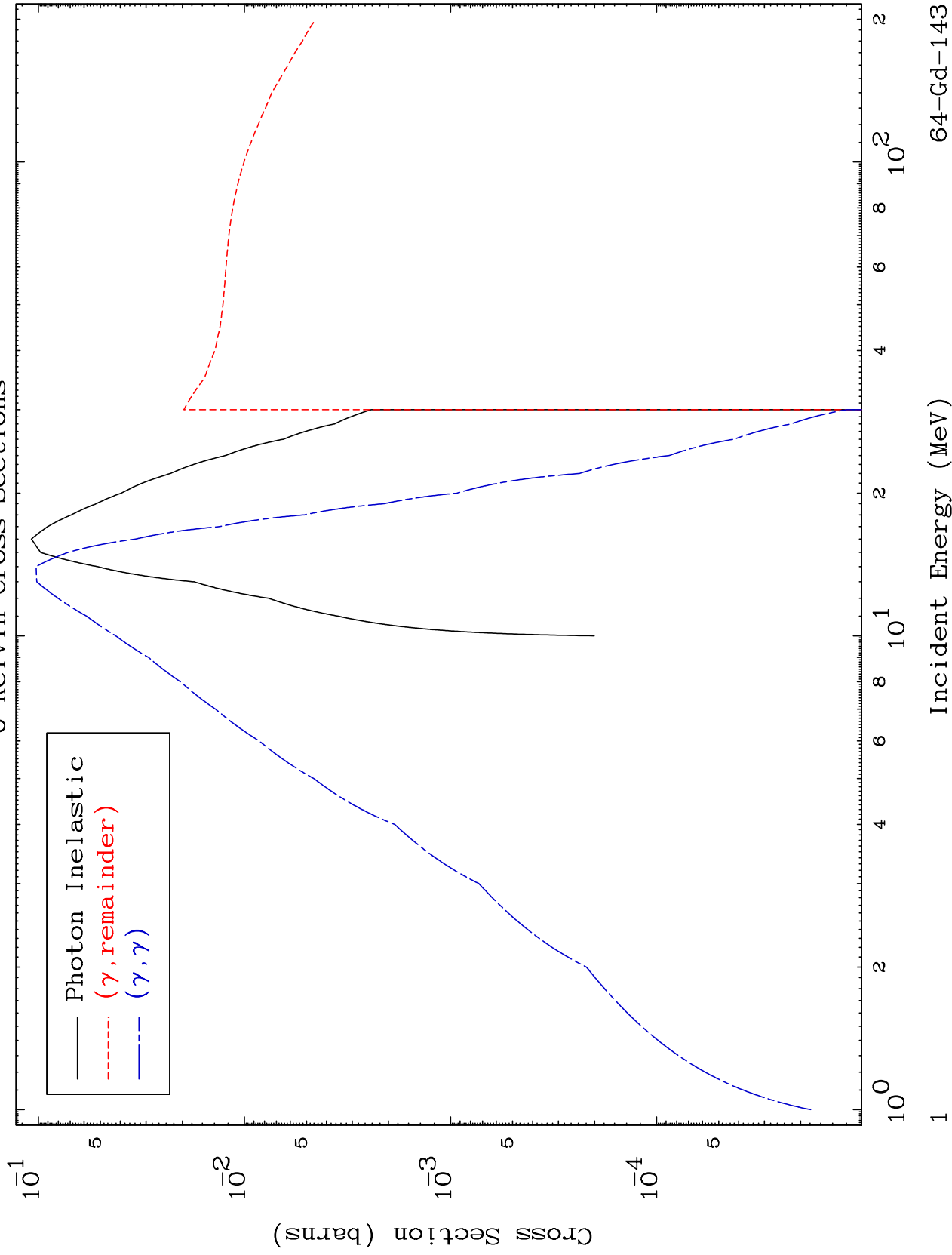
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

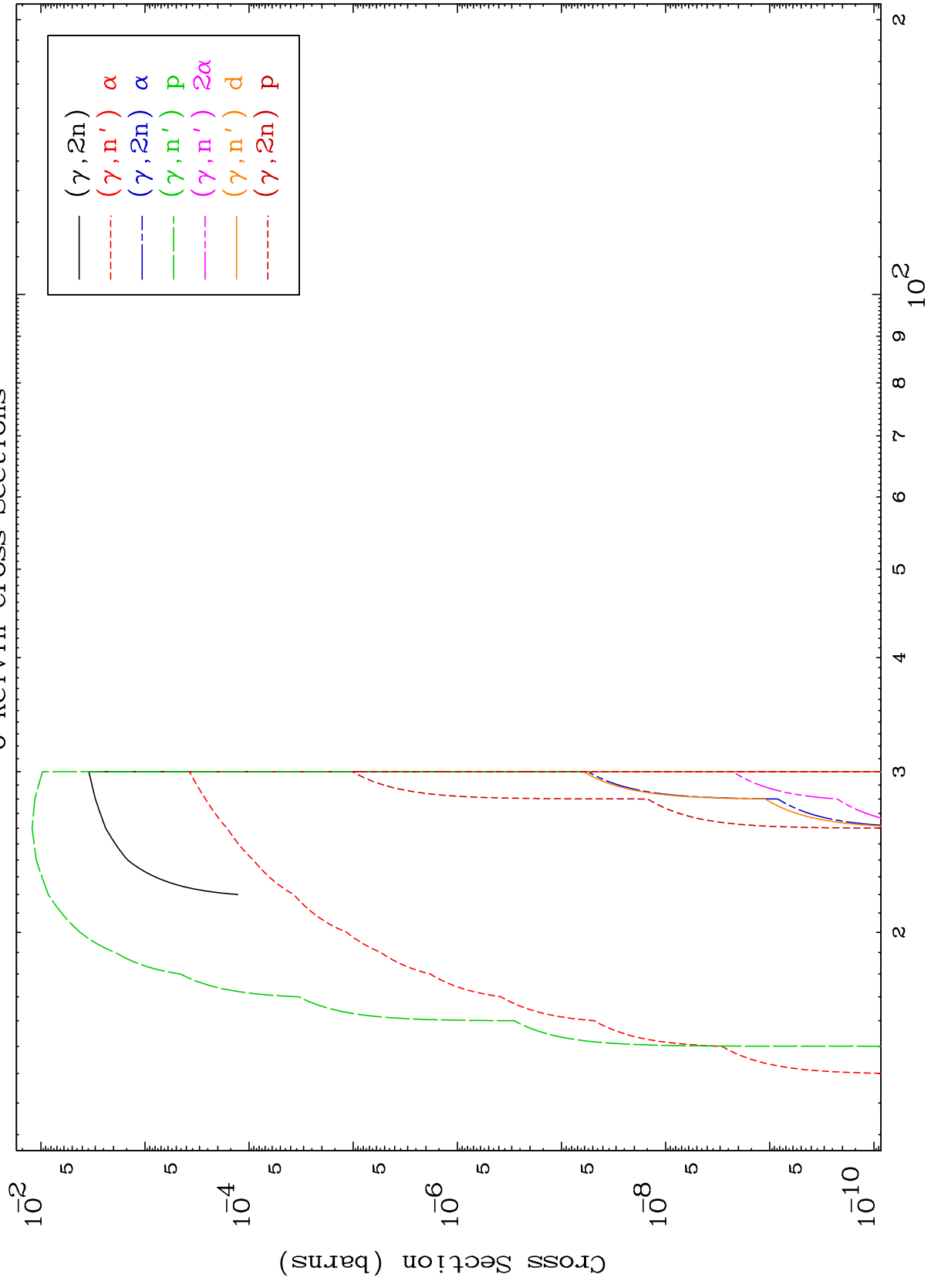
MAT 6399

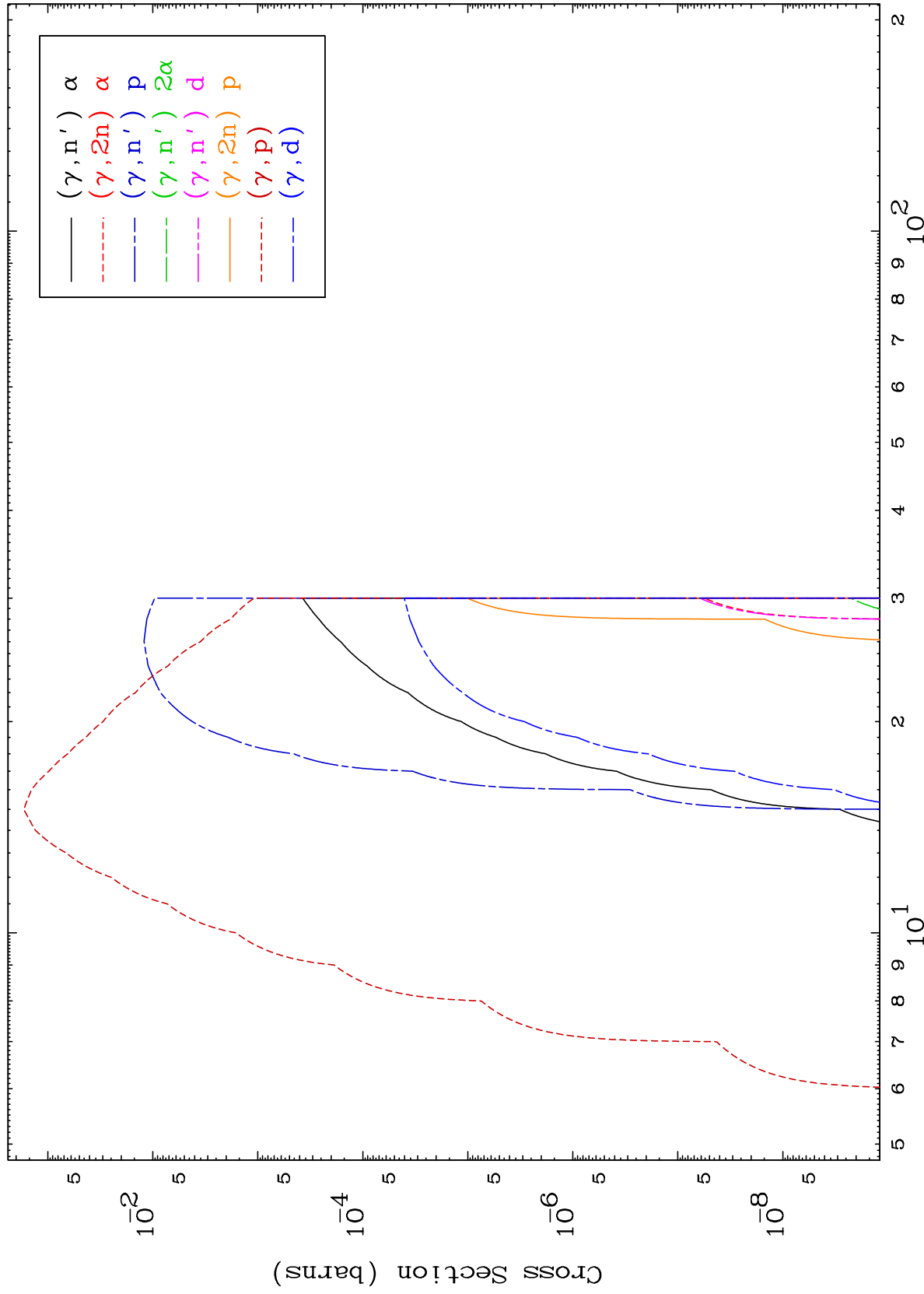
Photon Major  
0 Kelvin Cross Sections

64-Gd-143



64-Gd-143

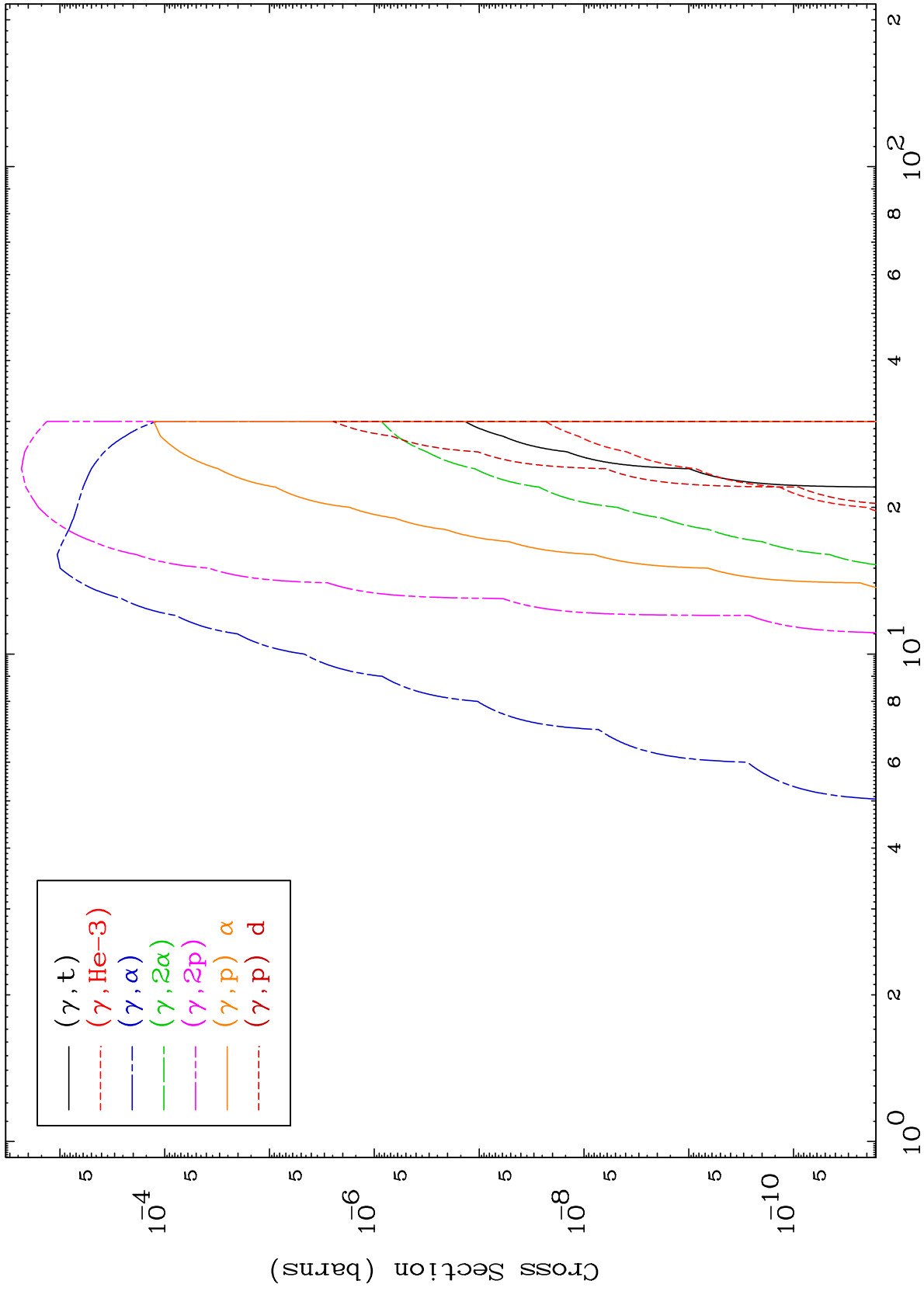




MAT 6399

Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-143



Incident Energy (MeV)

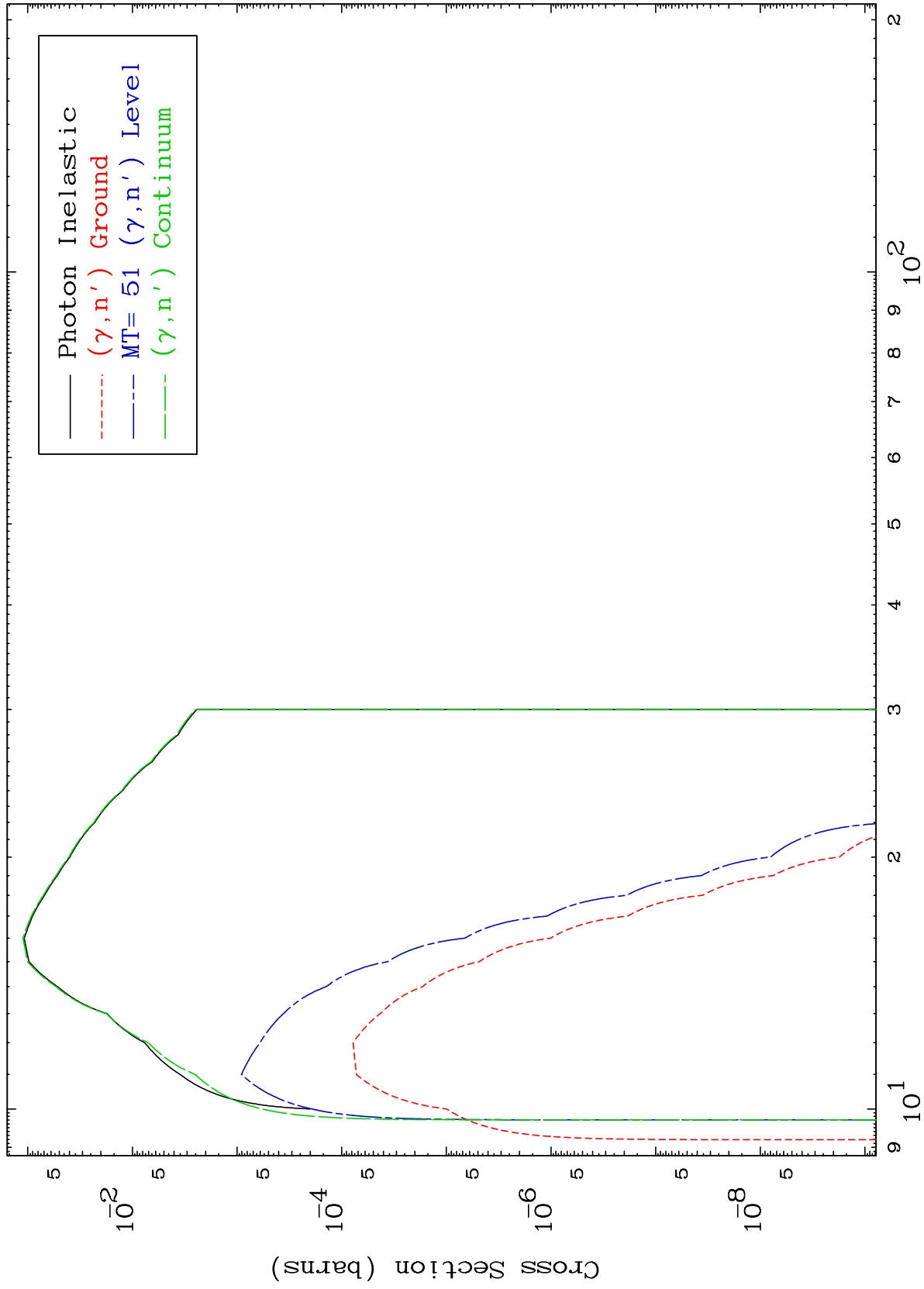
64-Gd-143

MAT 6399

$(\gamma, n')$  Level

64-Gd-143

0 Kelvin Cross Sections



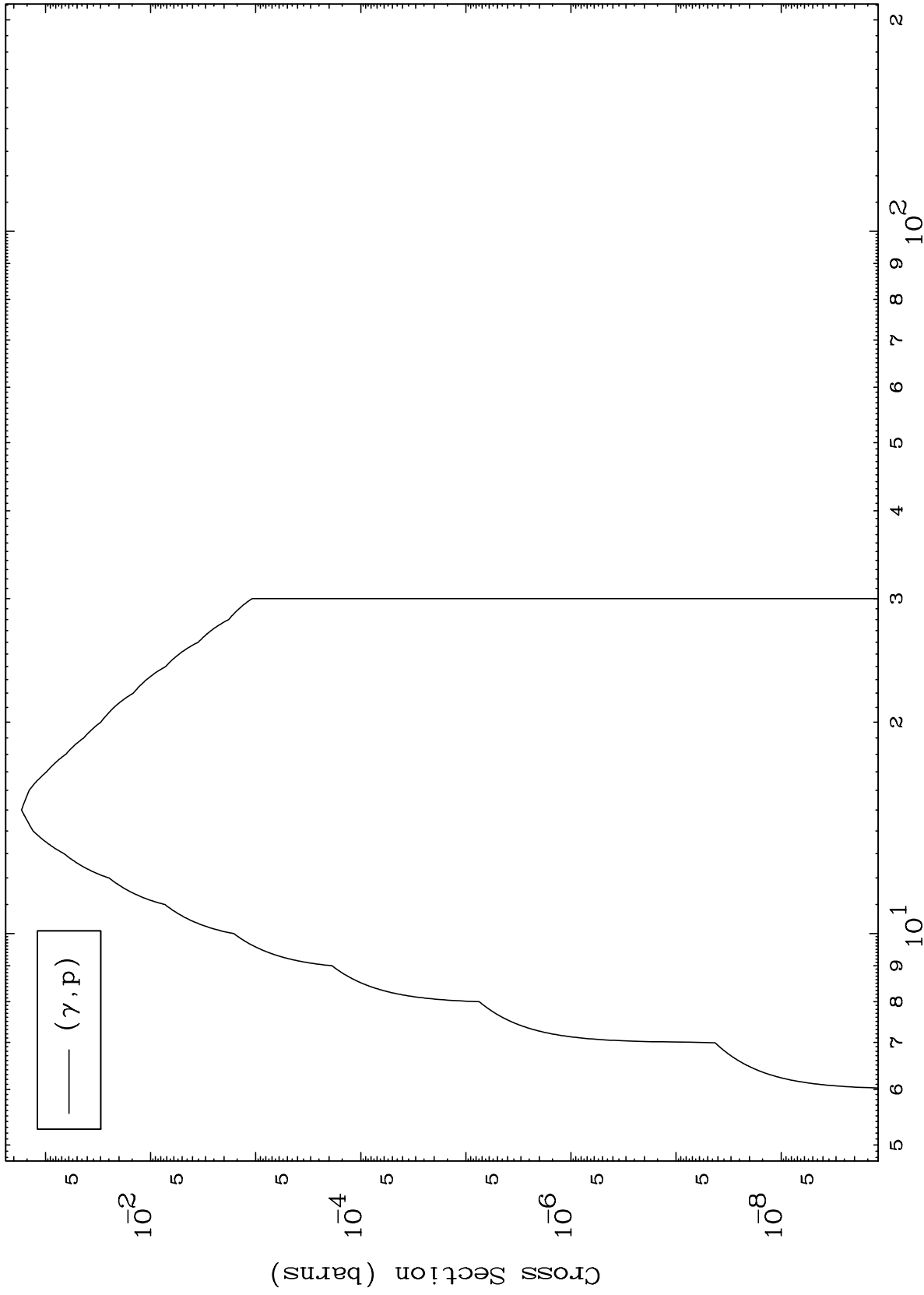
Incident Energy (MeV)

64-Gd-143

MAT 6399

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

64-Gd-143



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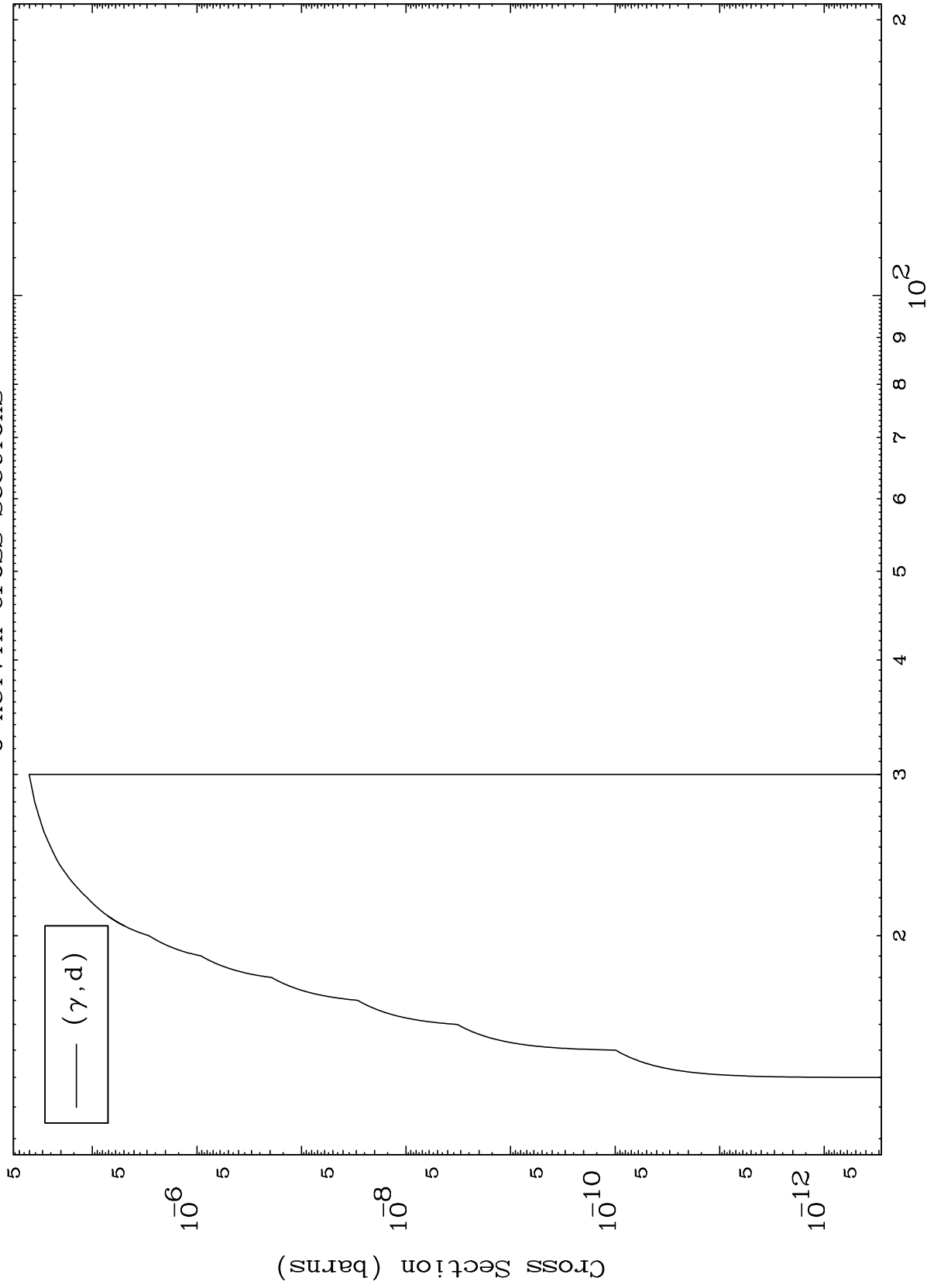
Incident Energy (MeV)

64-Gd-143

MAT 6399

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

64-Gd-143



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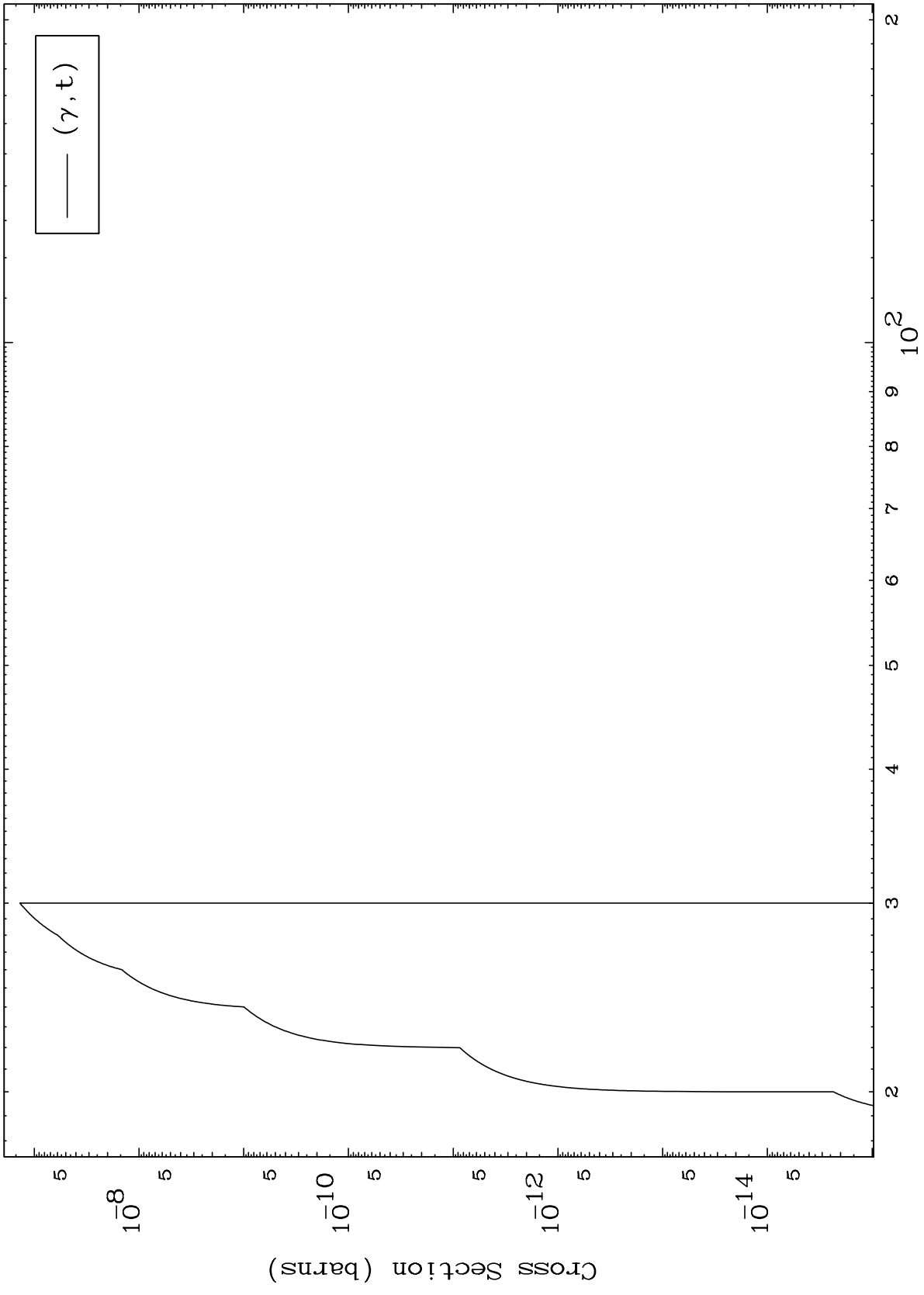
Incident Energy (MeV)

64-Gd-143

MAT 6399

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

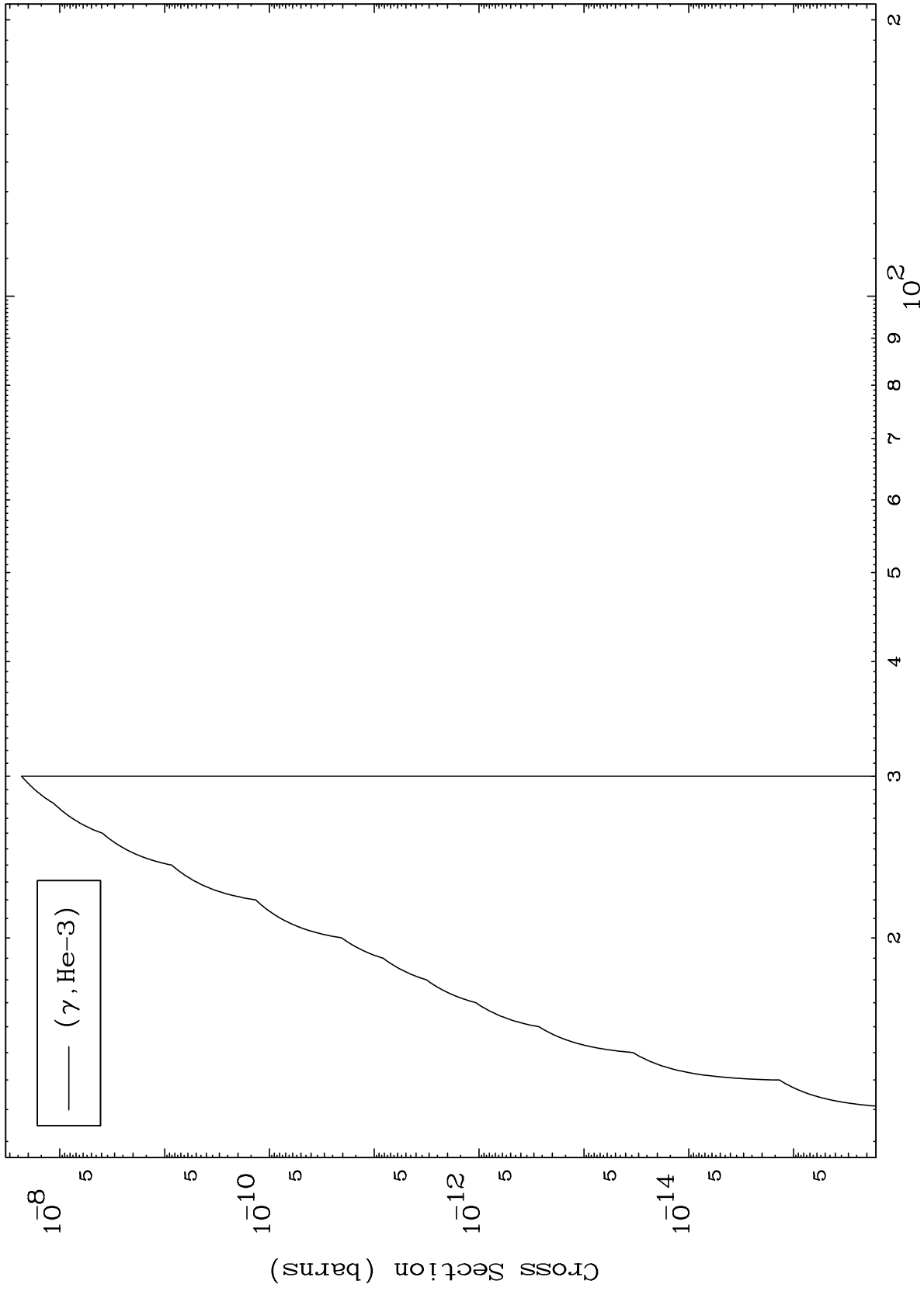
64-Gd-143



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Incident Energy (MeV)

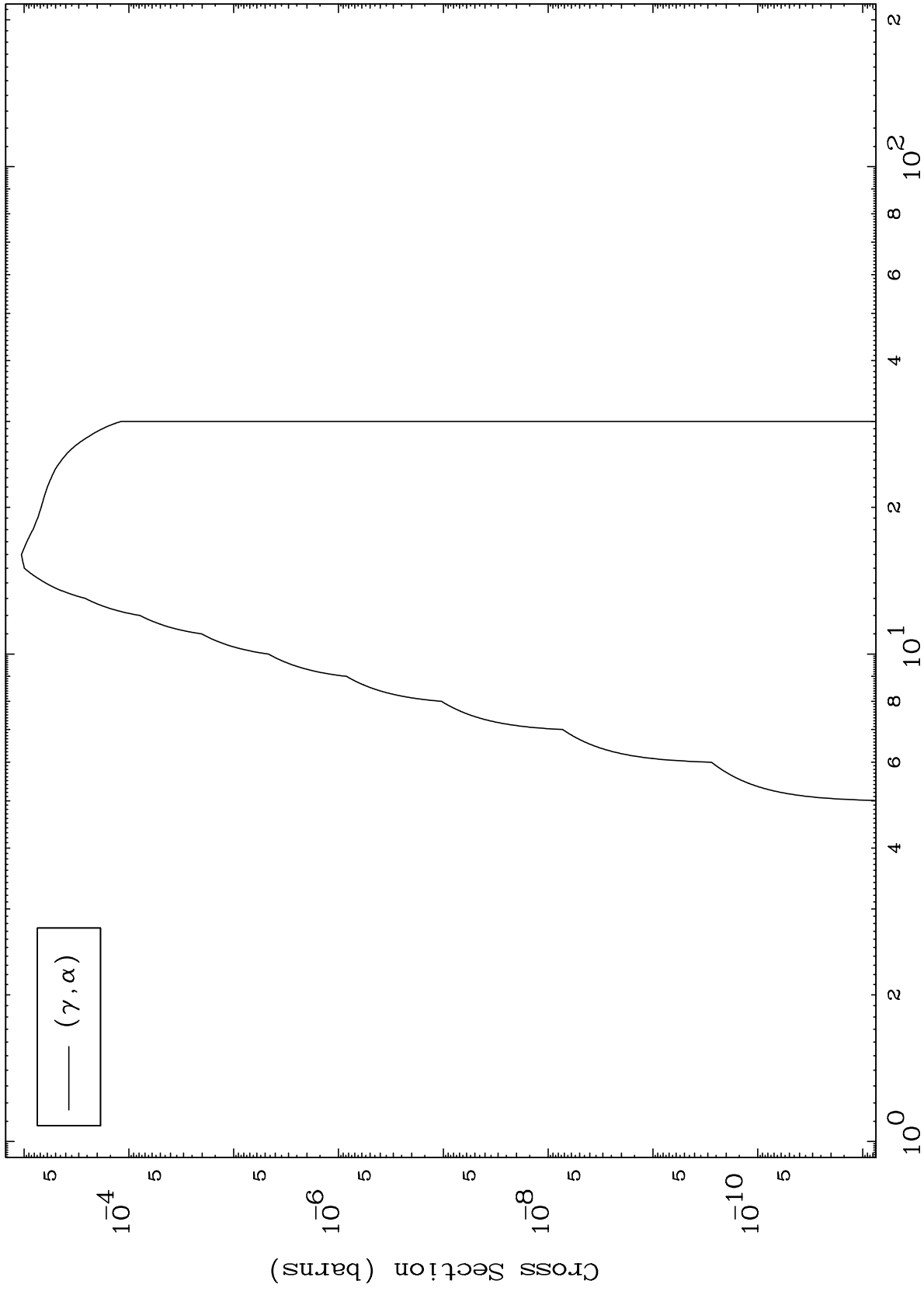
64-Gd-143



MAT 6399

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

64-Gd-143



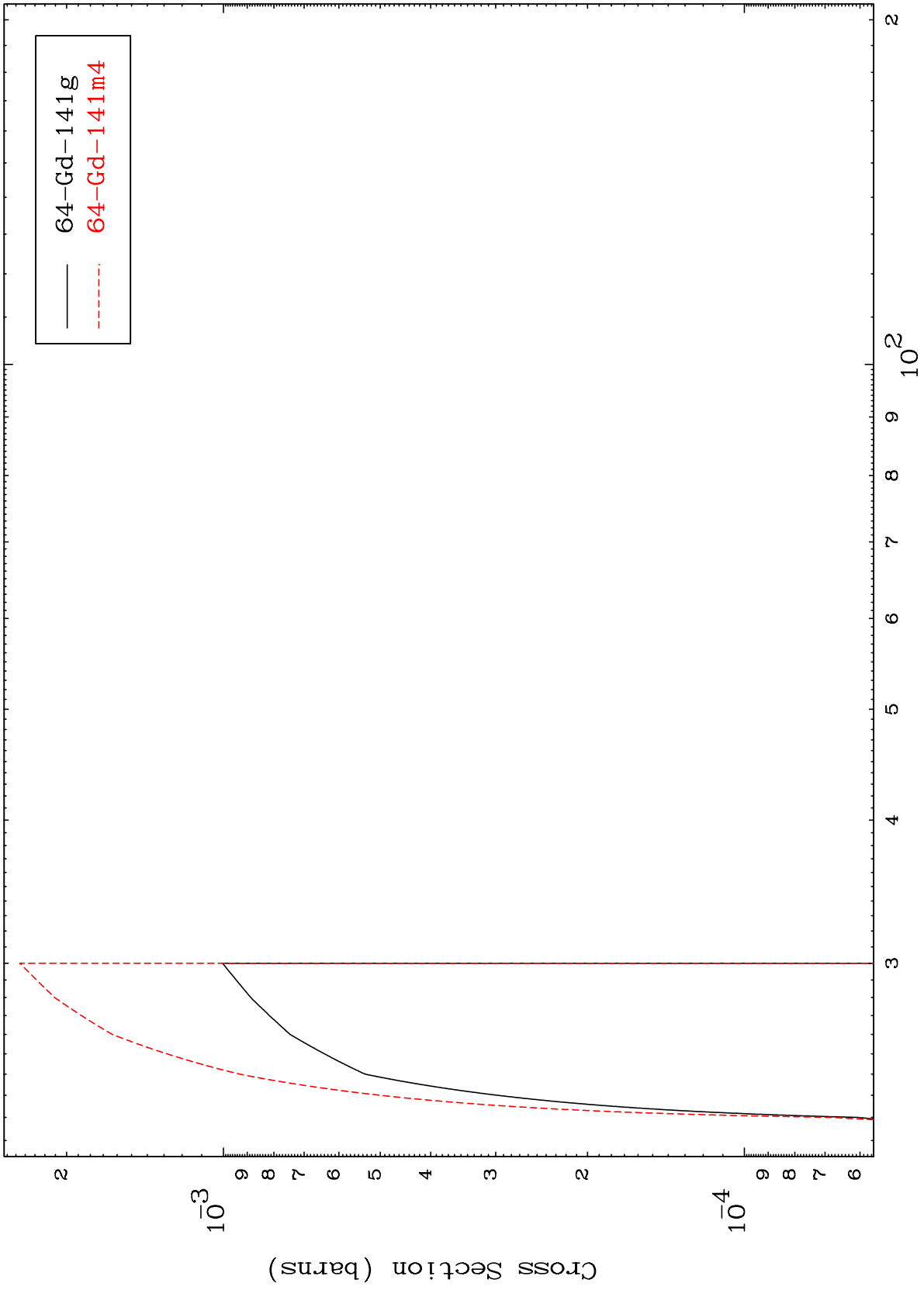
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

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



11

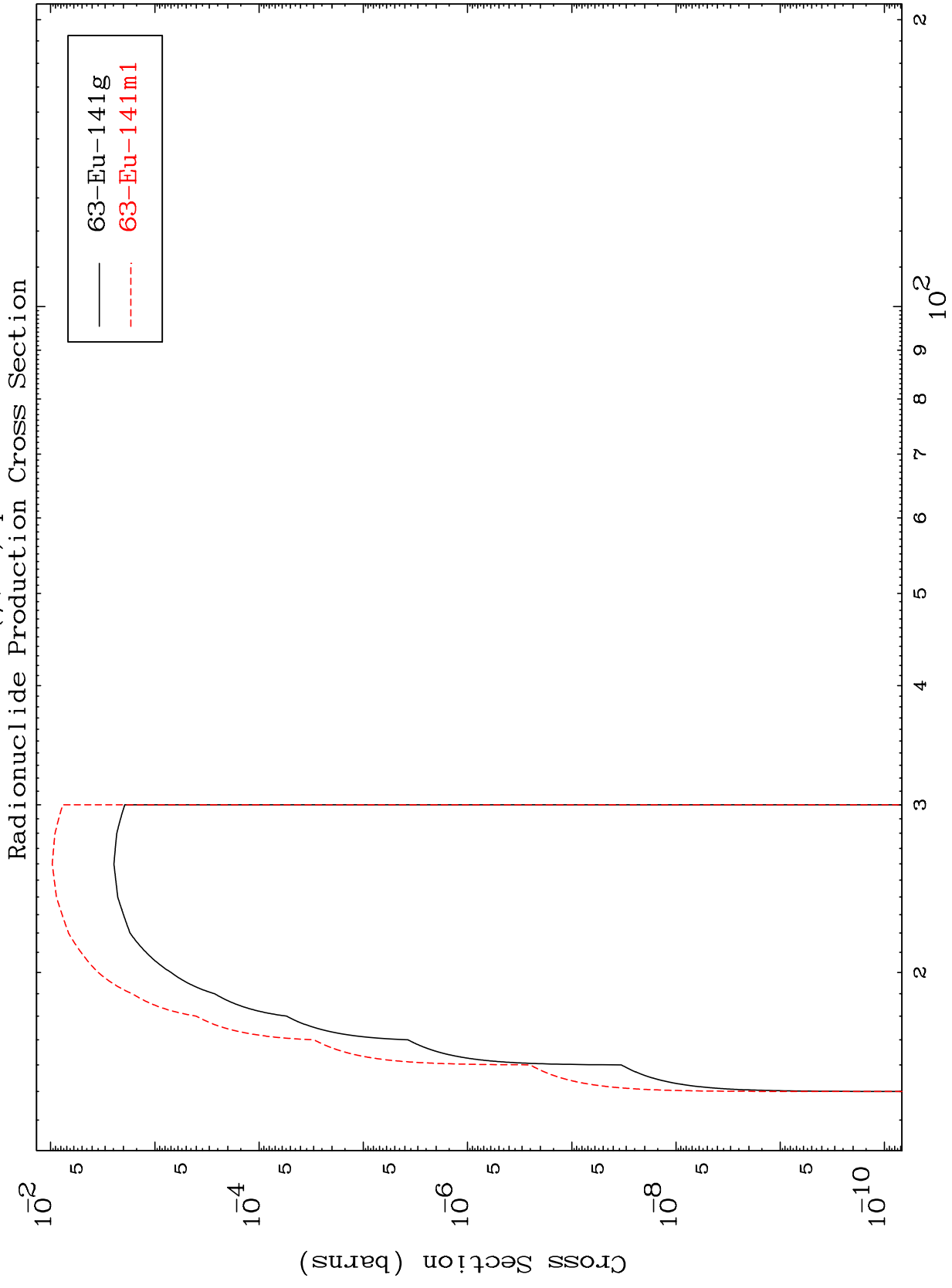
Incident Energy (MeV)

64-Gd-143

MAT 6399

$(\gamma, n')$  p

64-Gd-143



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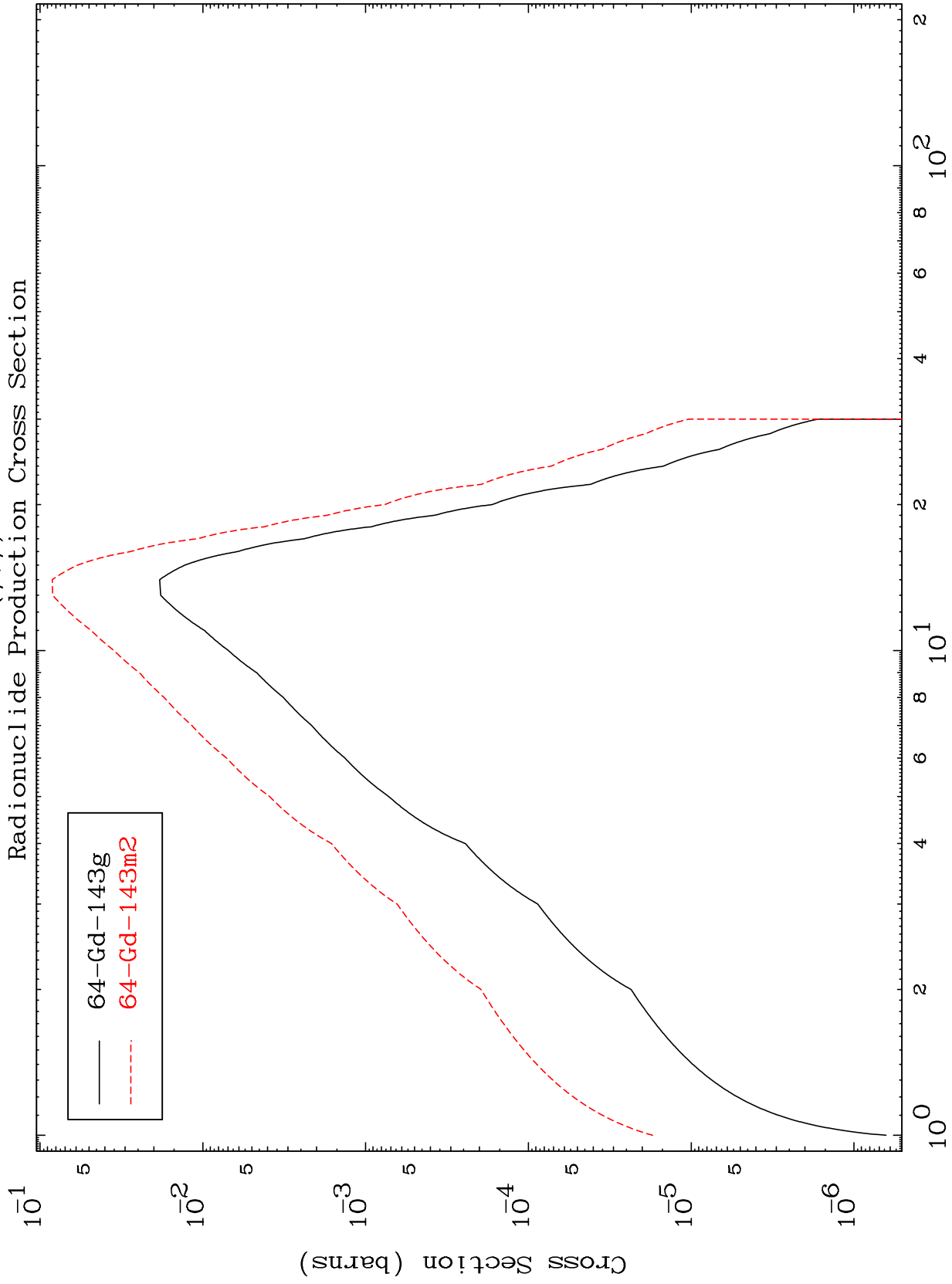
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

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



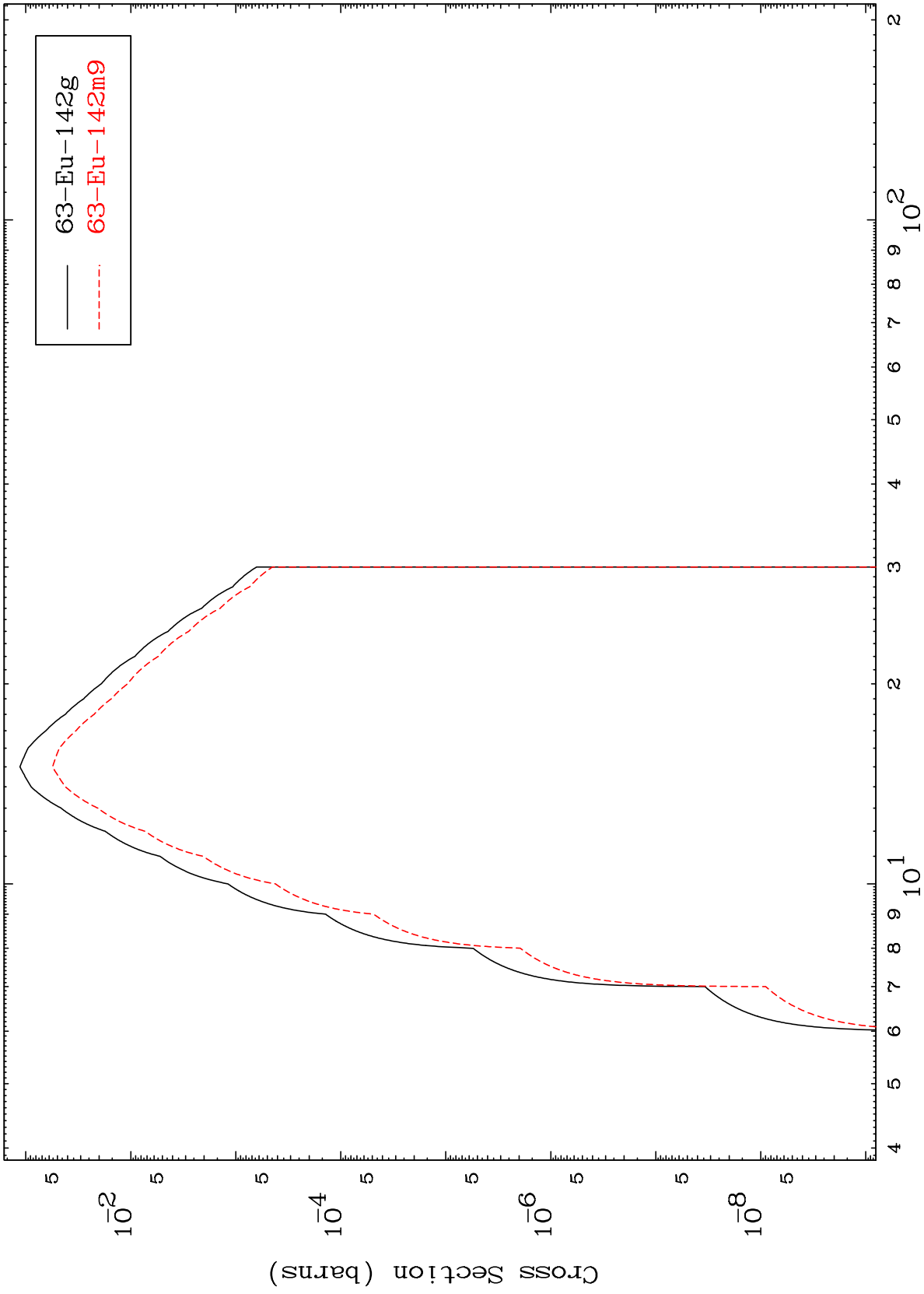
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

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



14

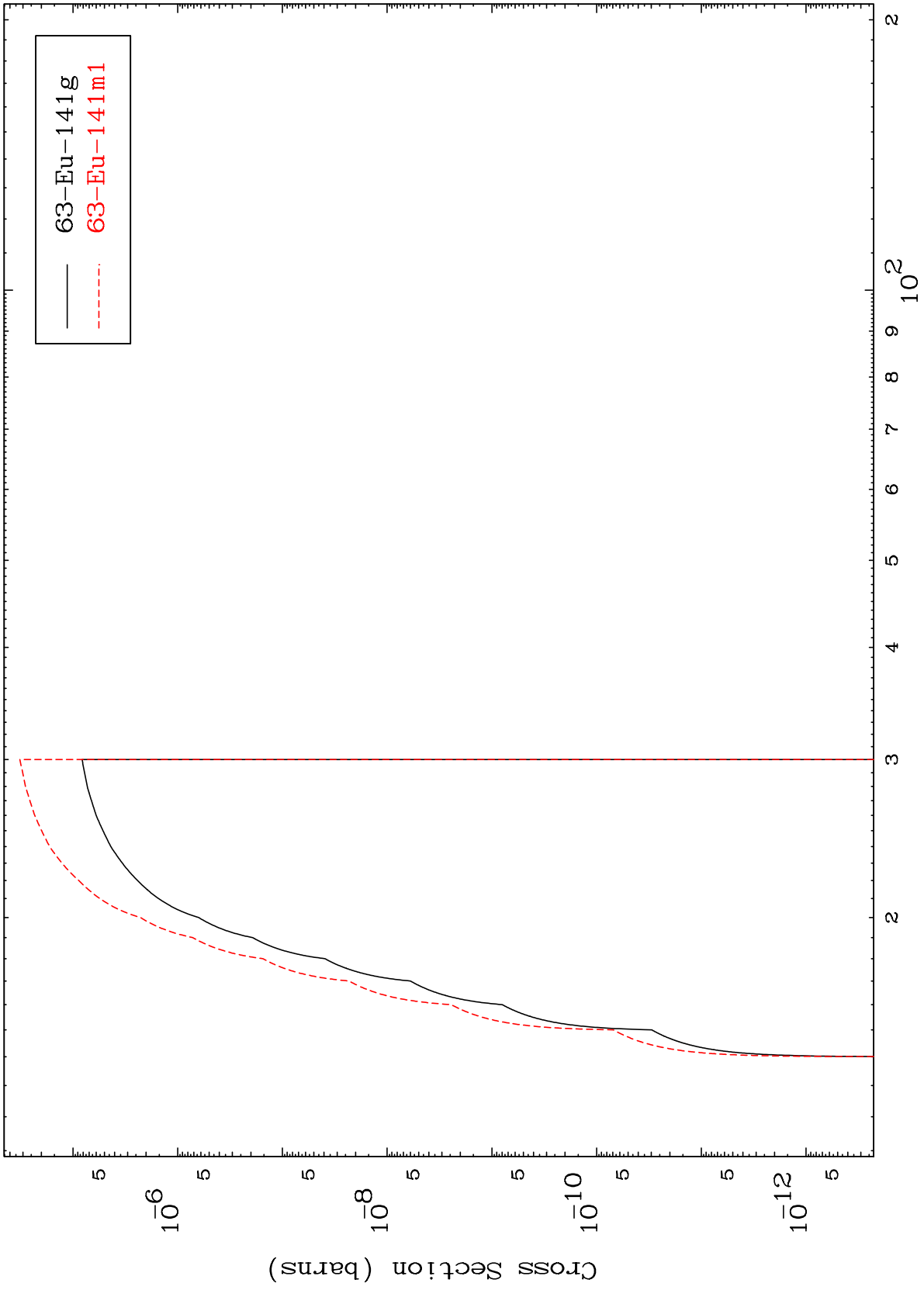
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

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



15

Incident Energy (MeV)

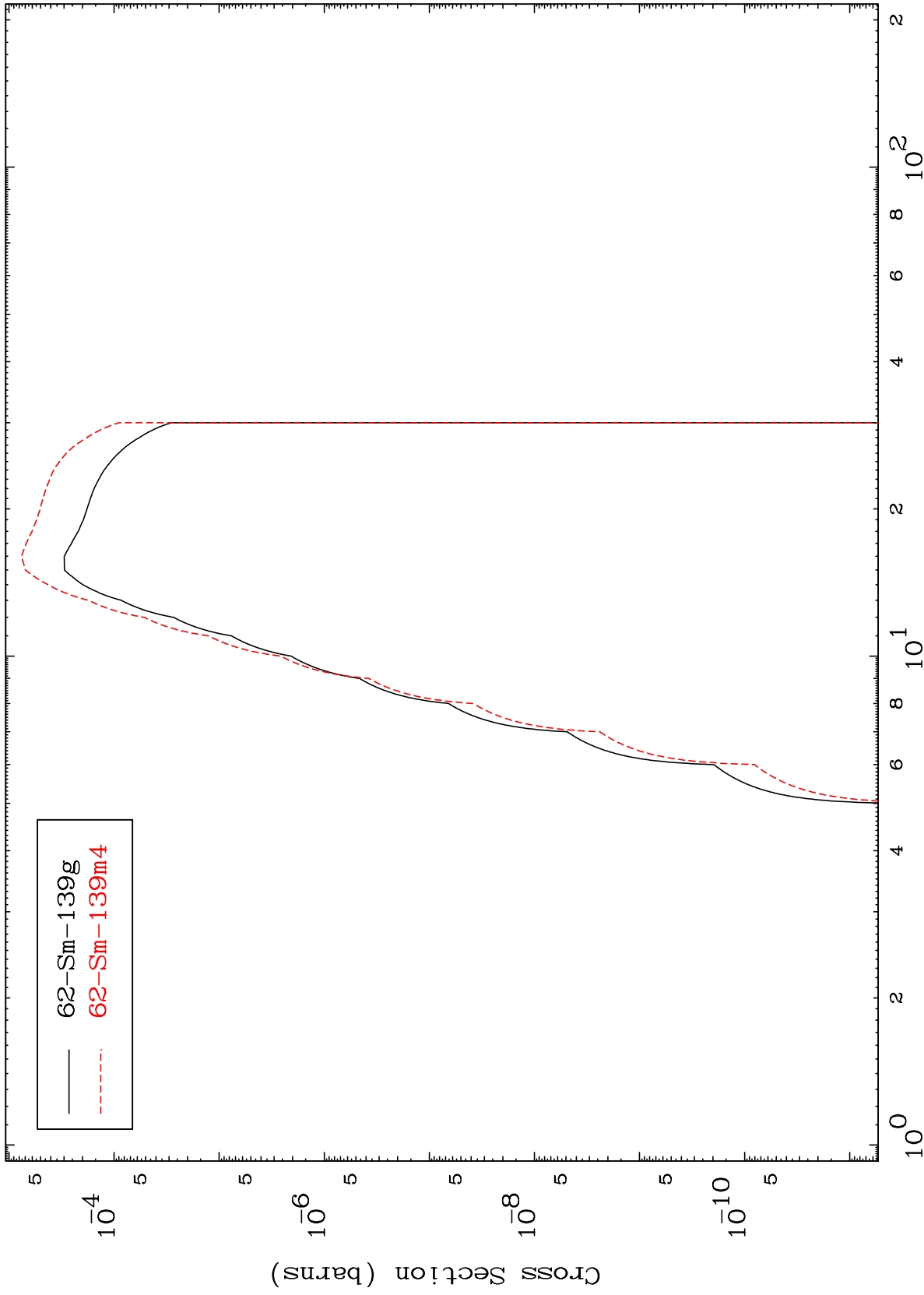
64-Gd-143

MAT 6399

64-Gd-143

Radionuclide Production Cross Section

( $\gamma, \alpha$ )



64-Gd-143

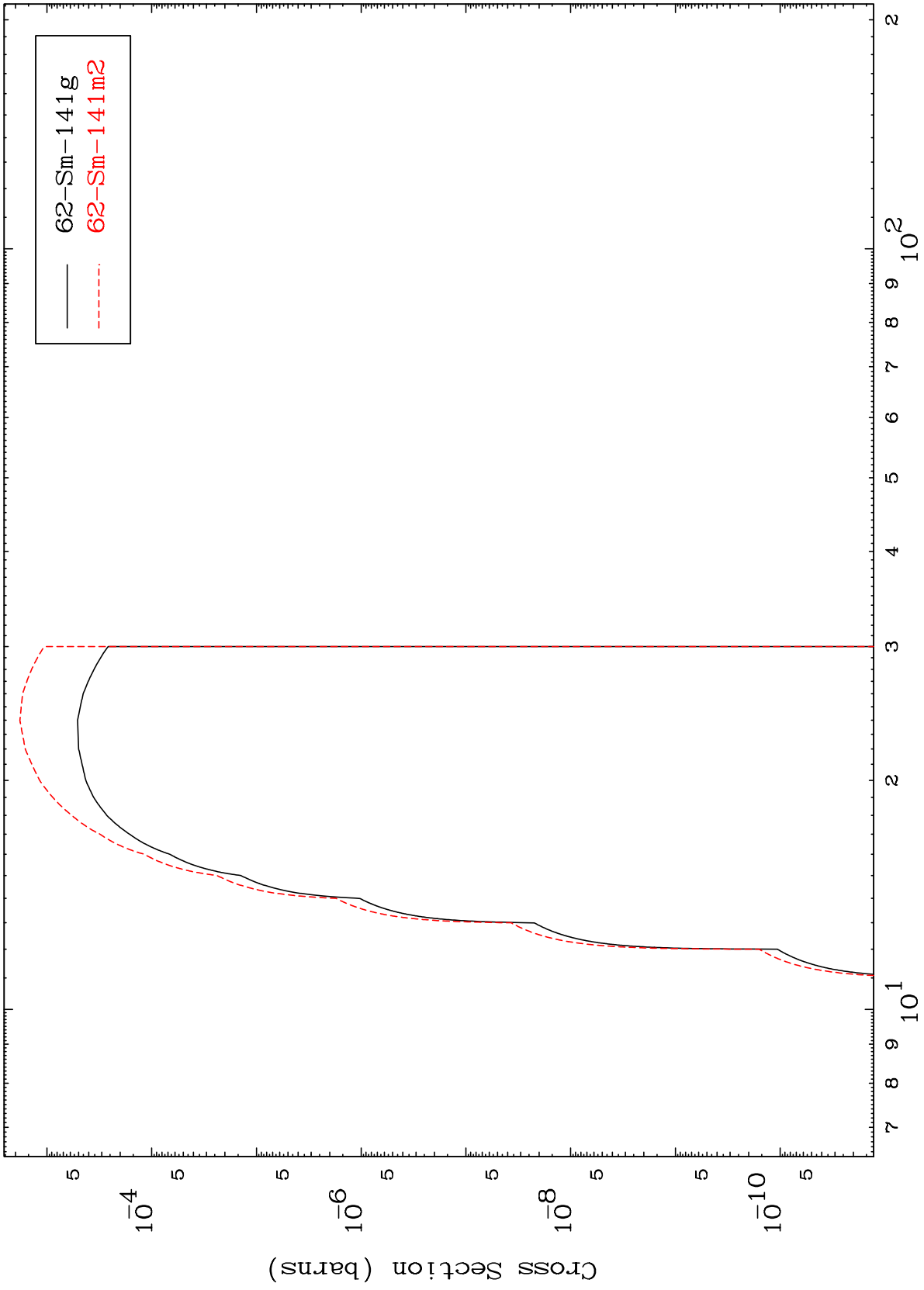
Incident Energy (MeV)

16

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64-Gd-143

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



17

Incident Energy (MeV)

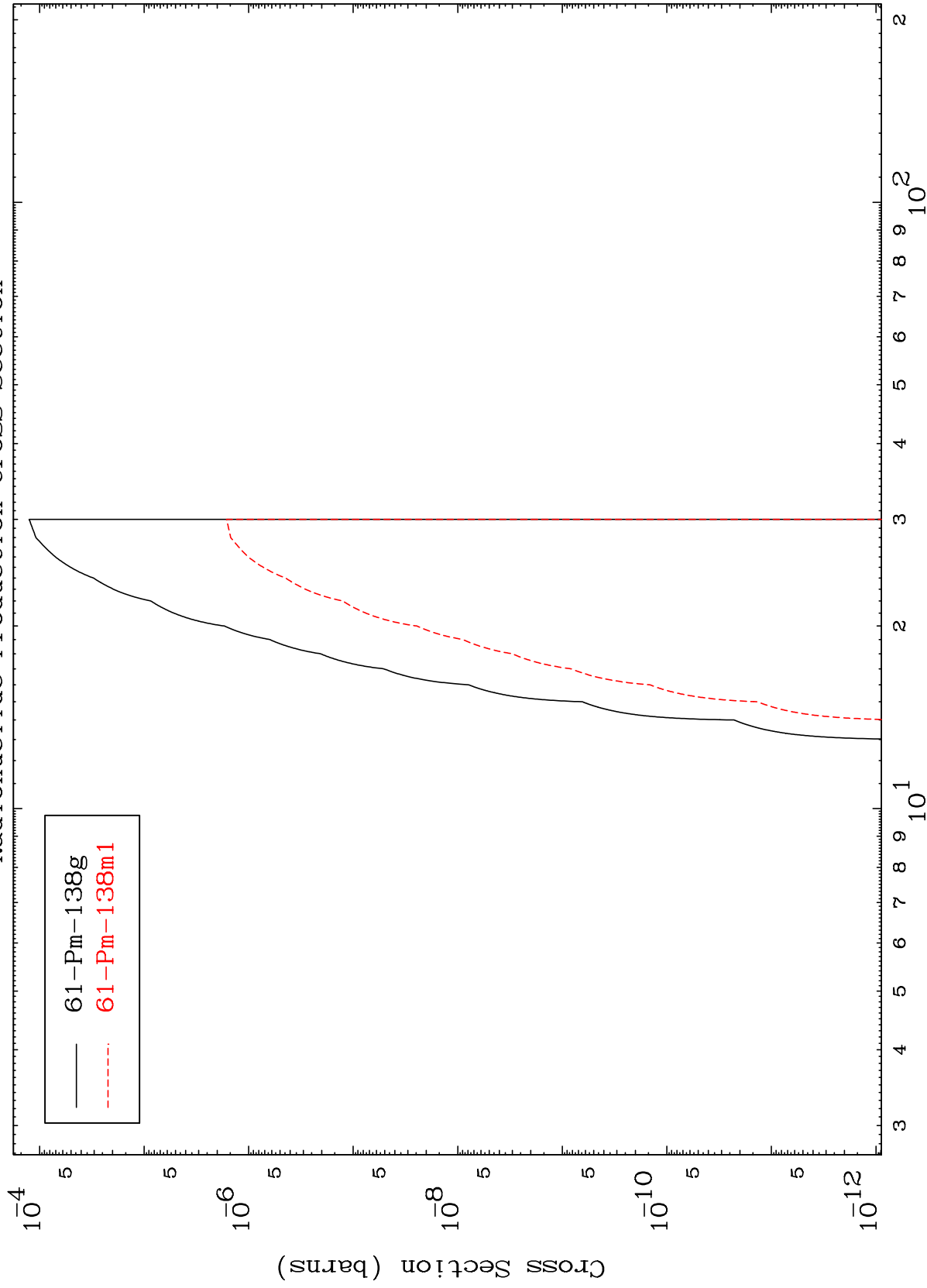
64-Gd-143

MAT 6399

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

64-Gd-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

64-Gd-143