

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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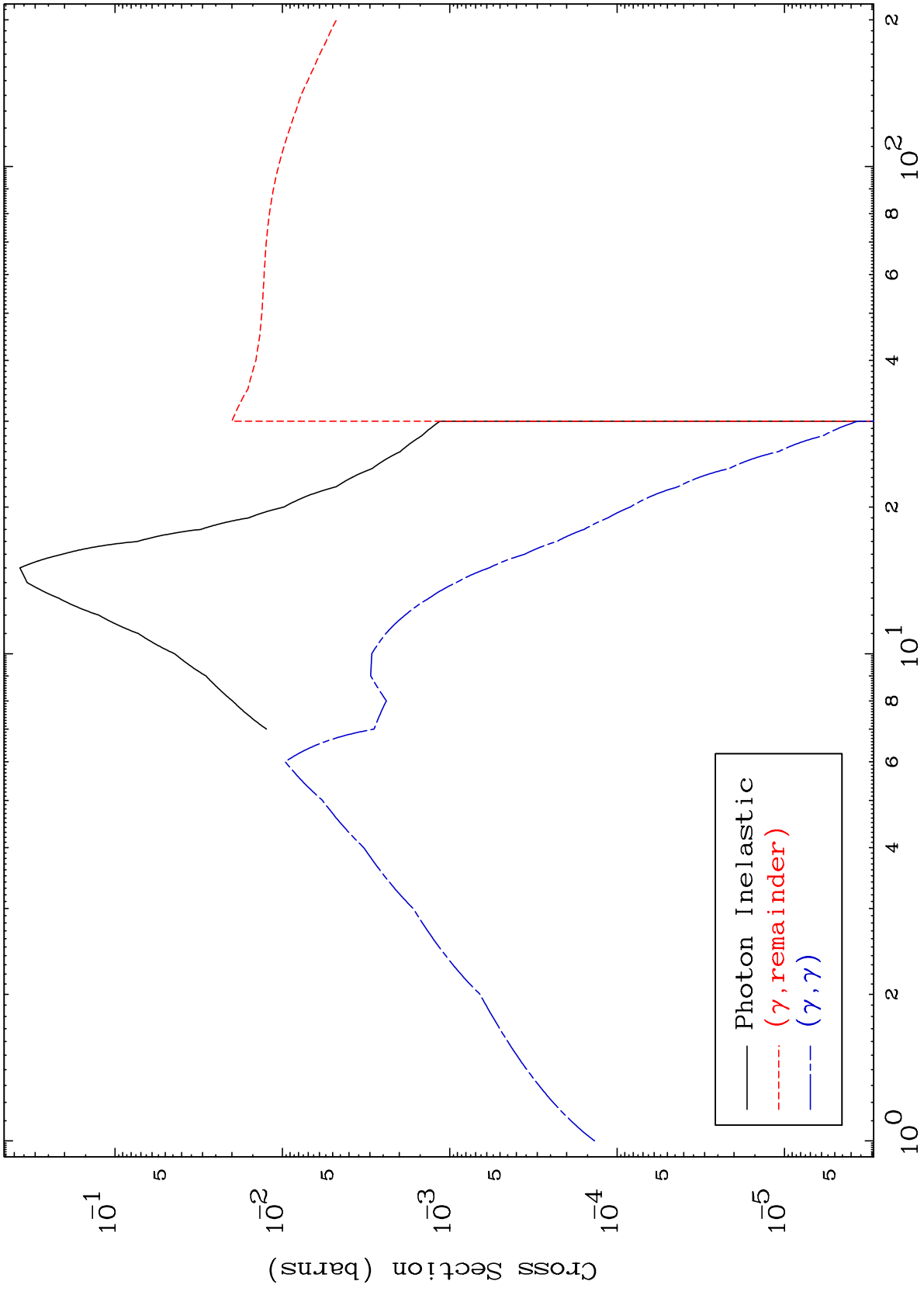
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

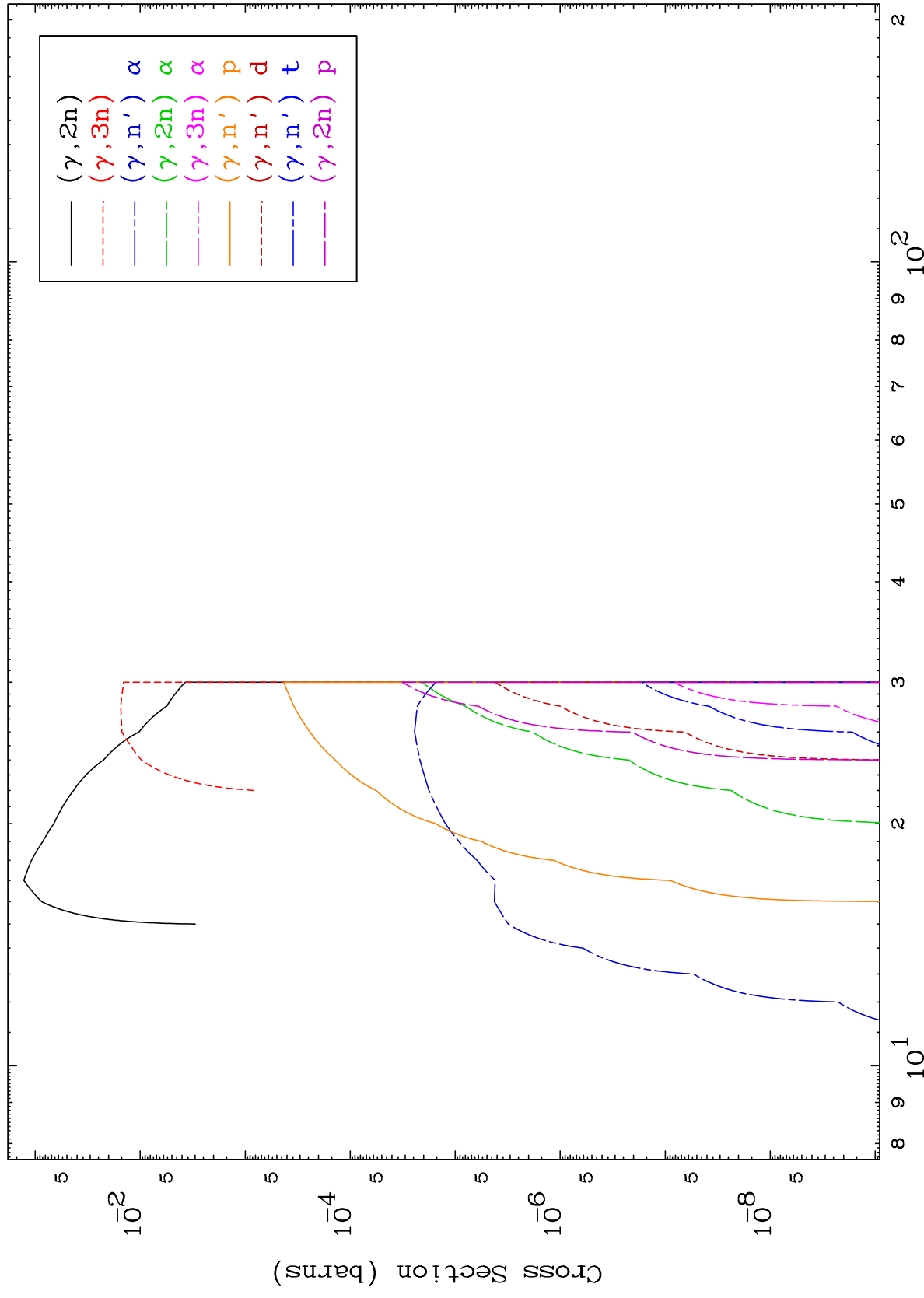
MAT 6428

Photon Major  
0 Kelvin Cross Sections

64-Gd-153



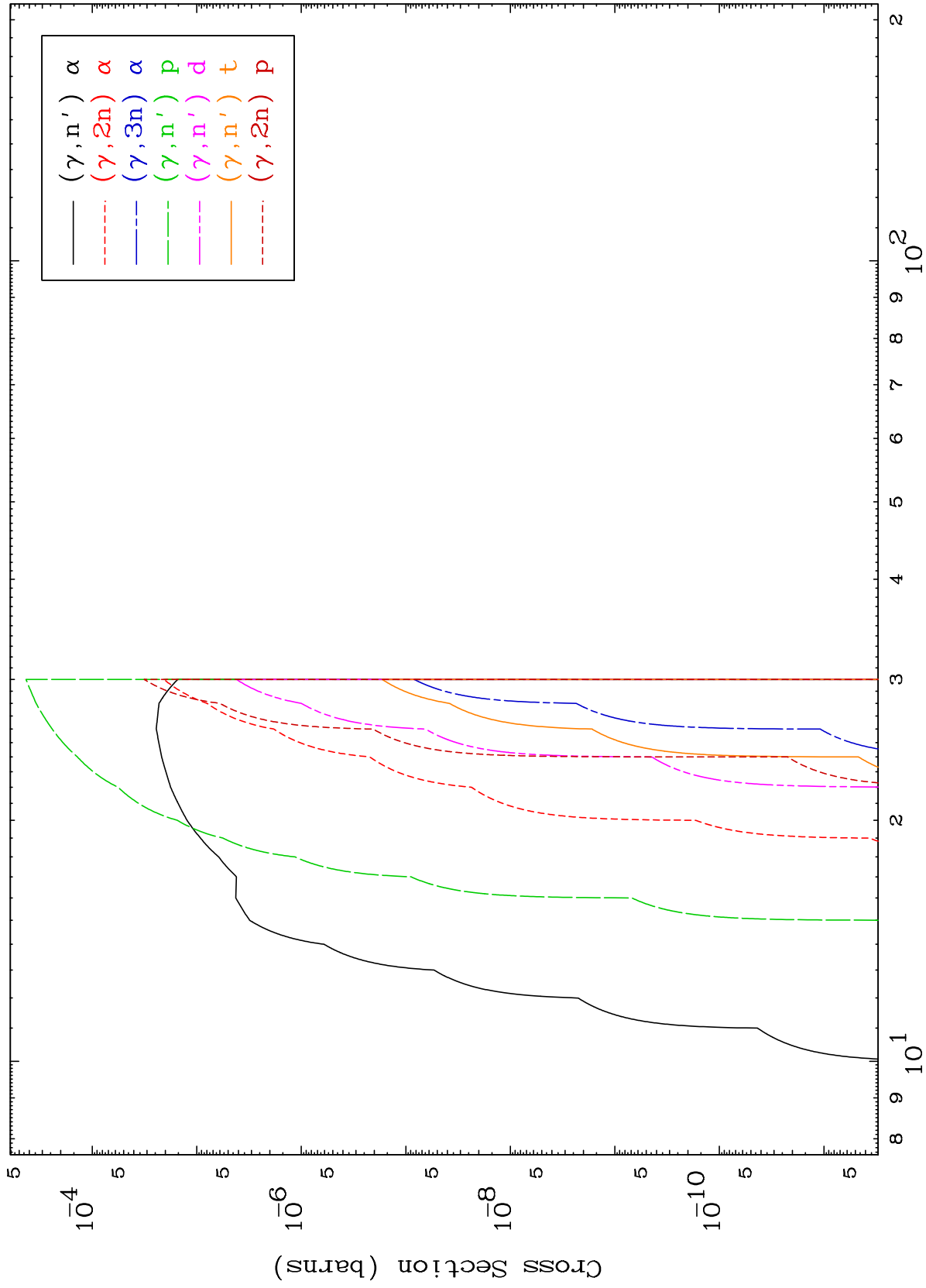
64-Gd-153



MAT 6428

Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-153



3

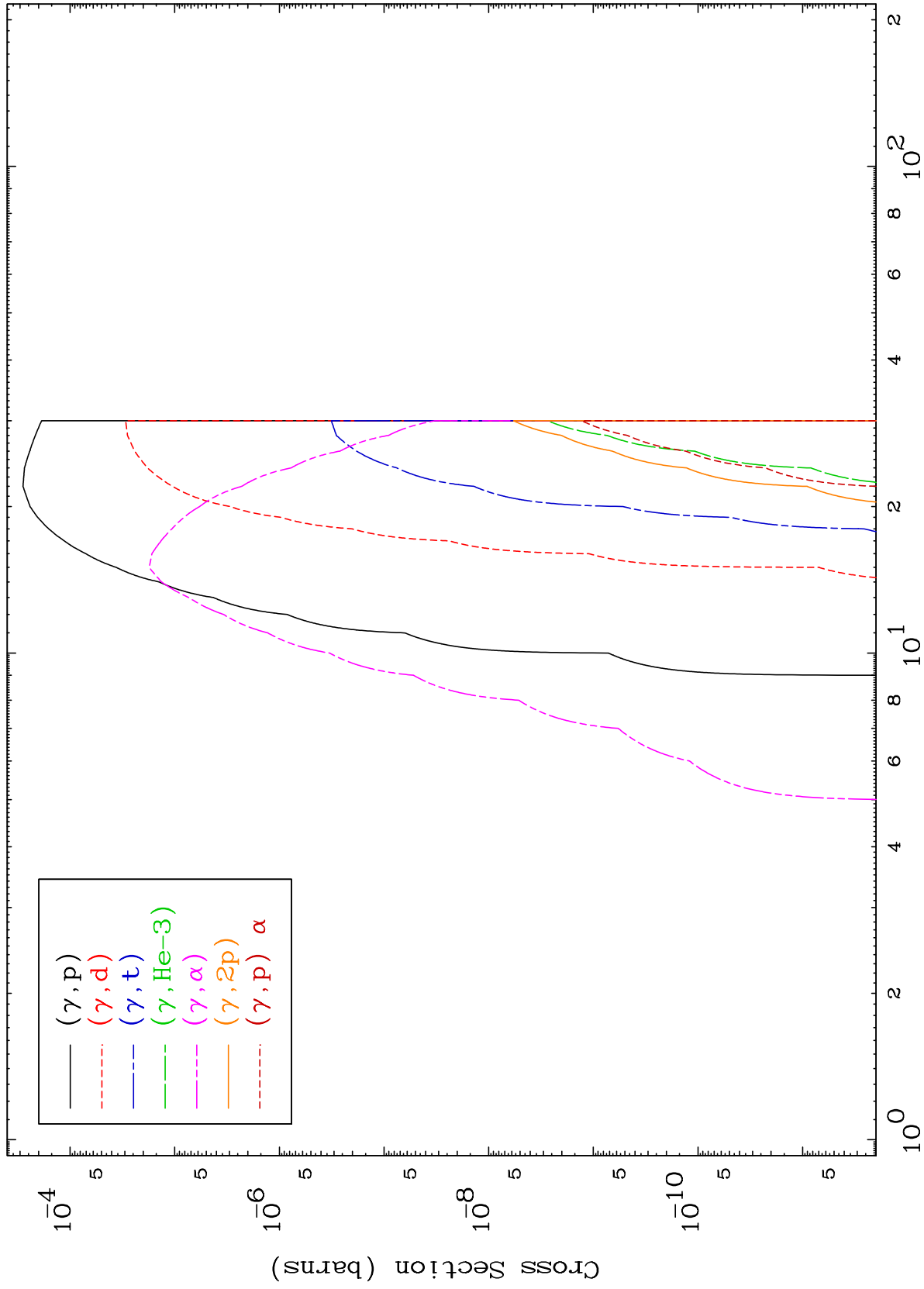
Incident Energy (MeV)

64-Gd-153

MAT 6428

Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-153



64-Gd-153

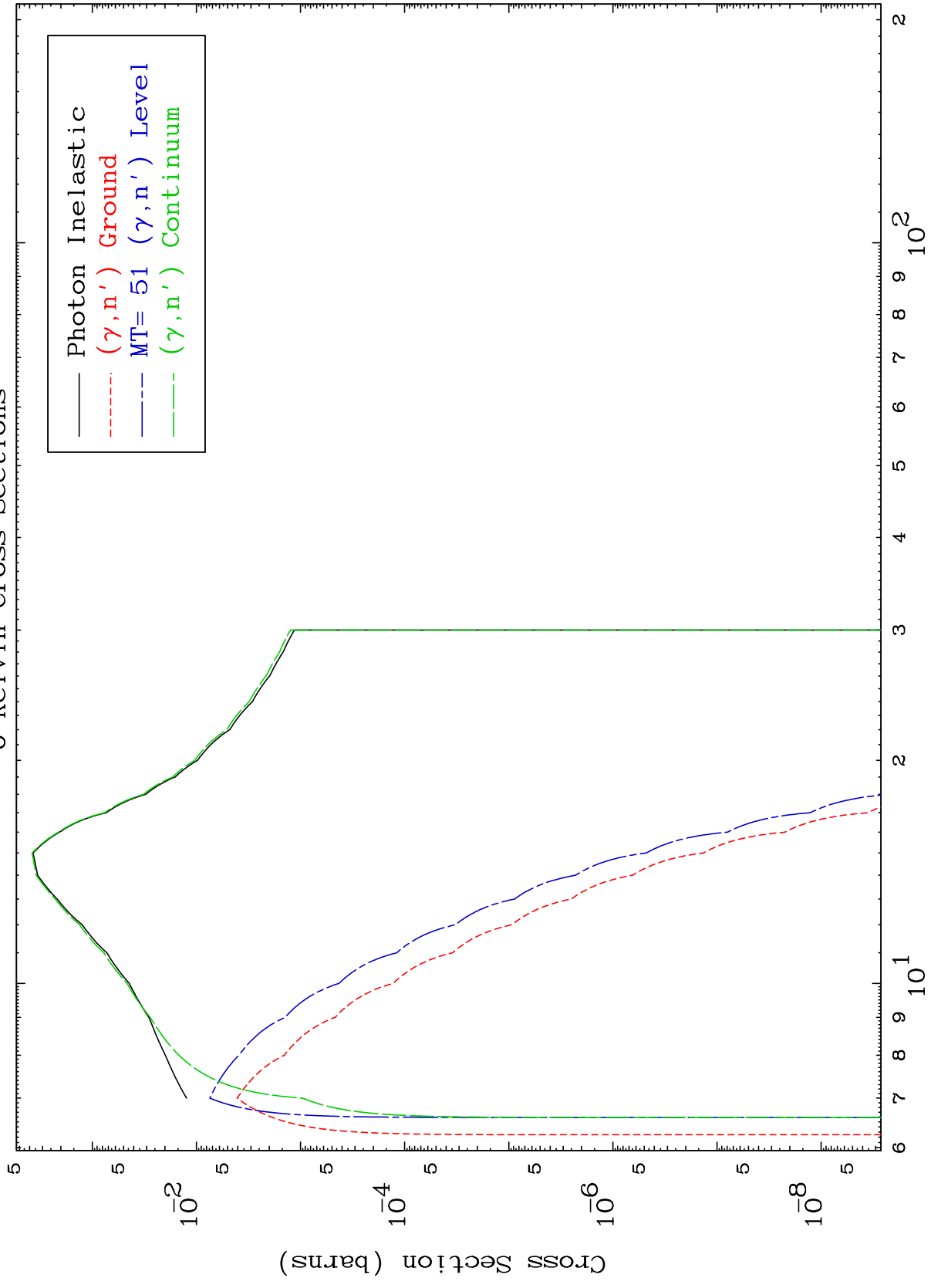
Incident Energy (MeV)

4

MAT 6428

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

64-Gd-153



5

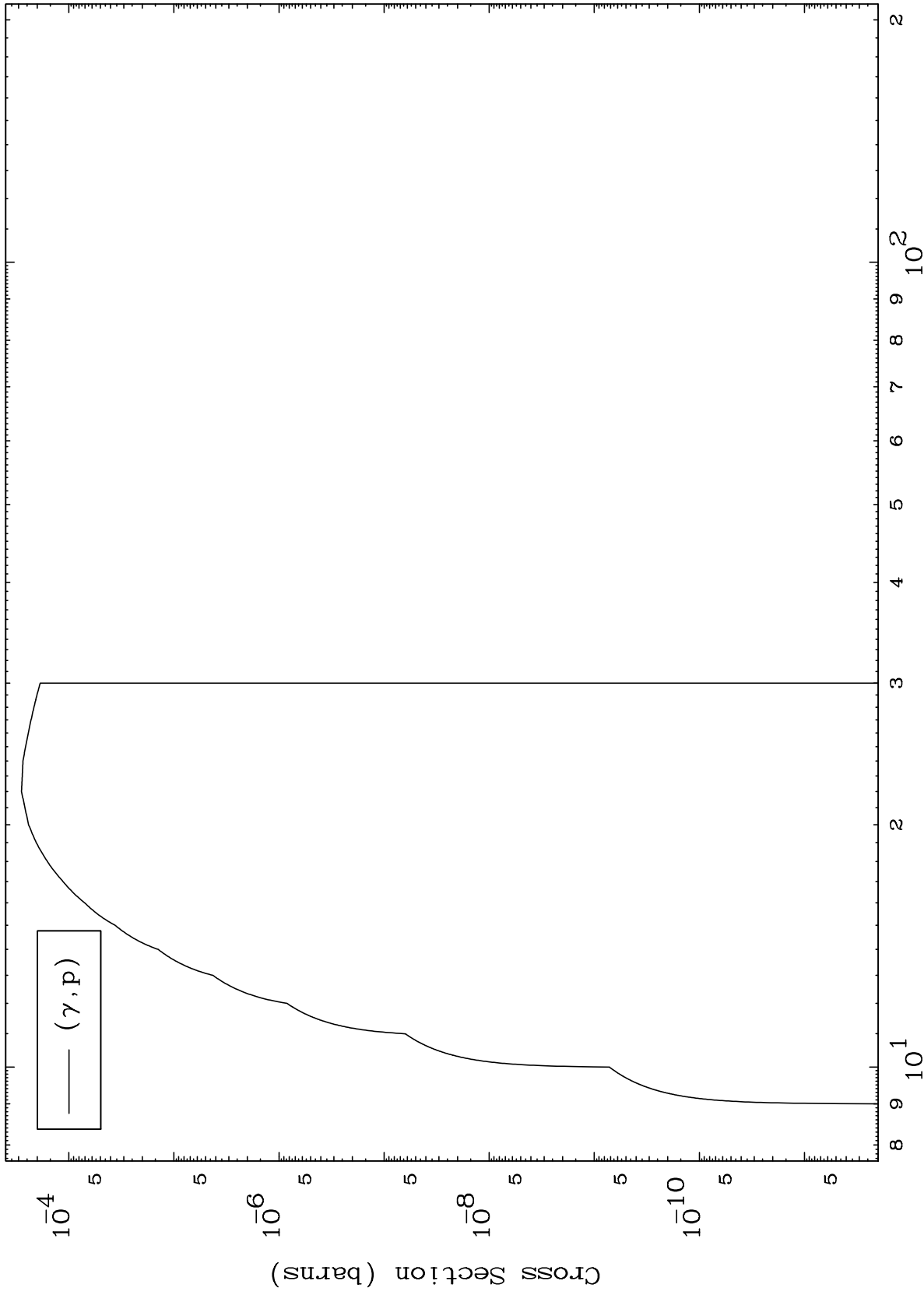
Incident Energy (MeV)

64-Gd-153

MAT 6428

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

64-Gd-153

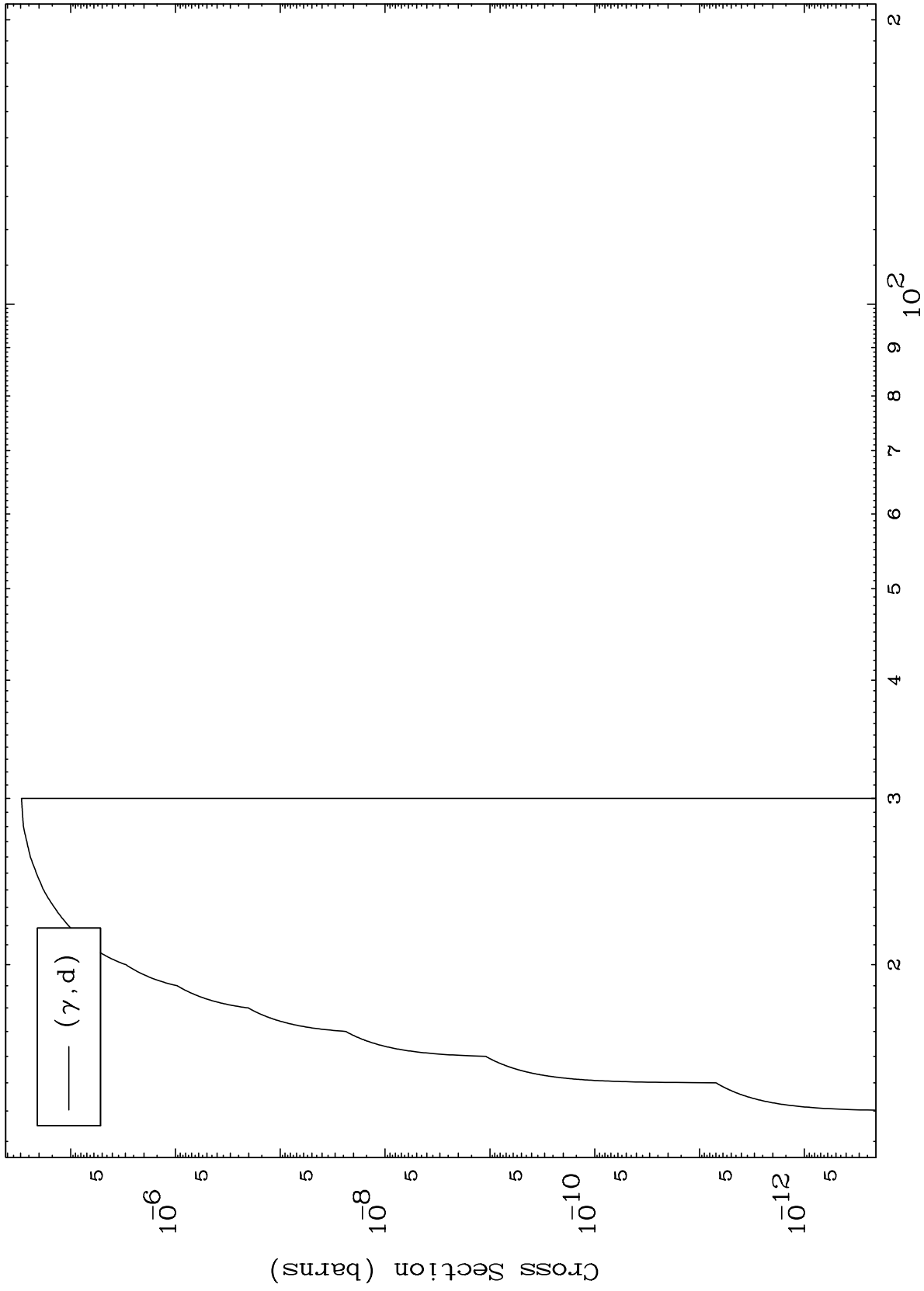


6

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

64-Gd-153



7

Incident Energy (MeV)

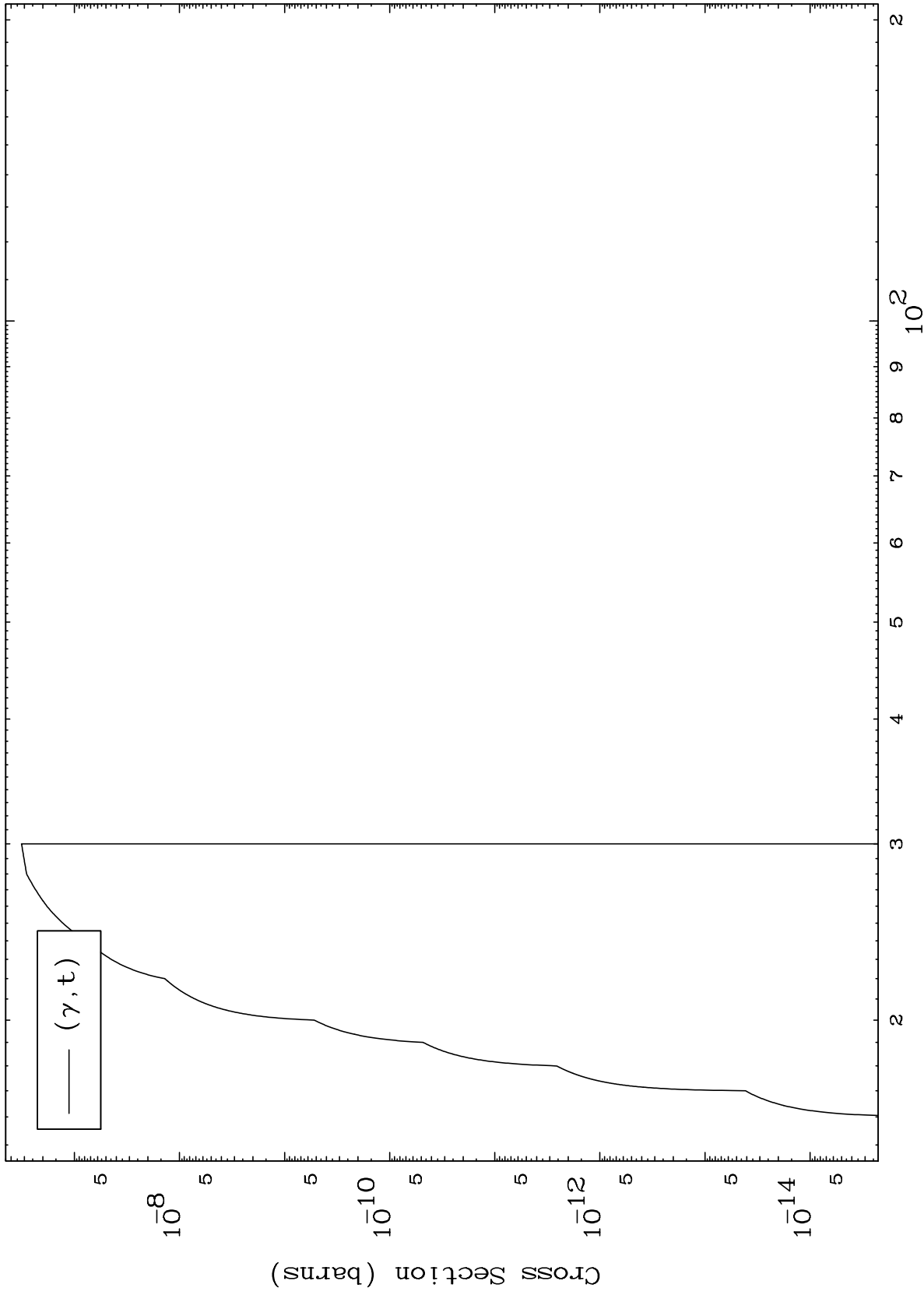
64-Gd-153



MAT 6428

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

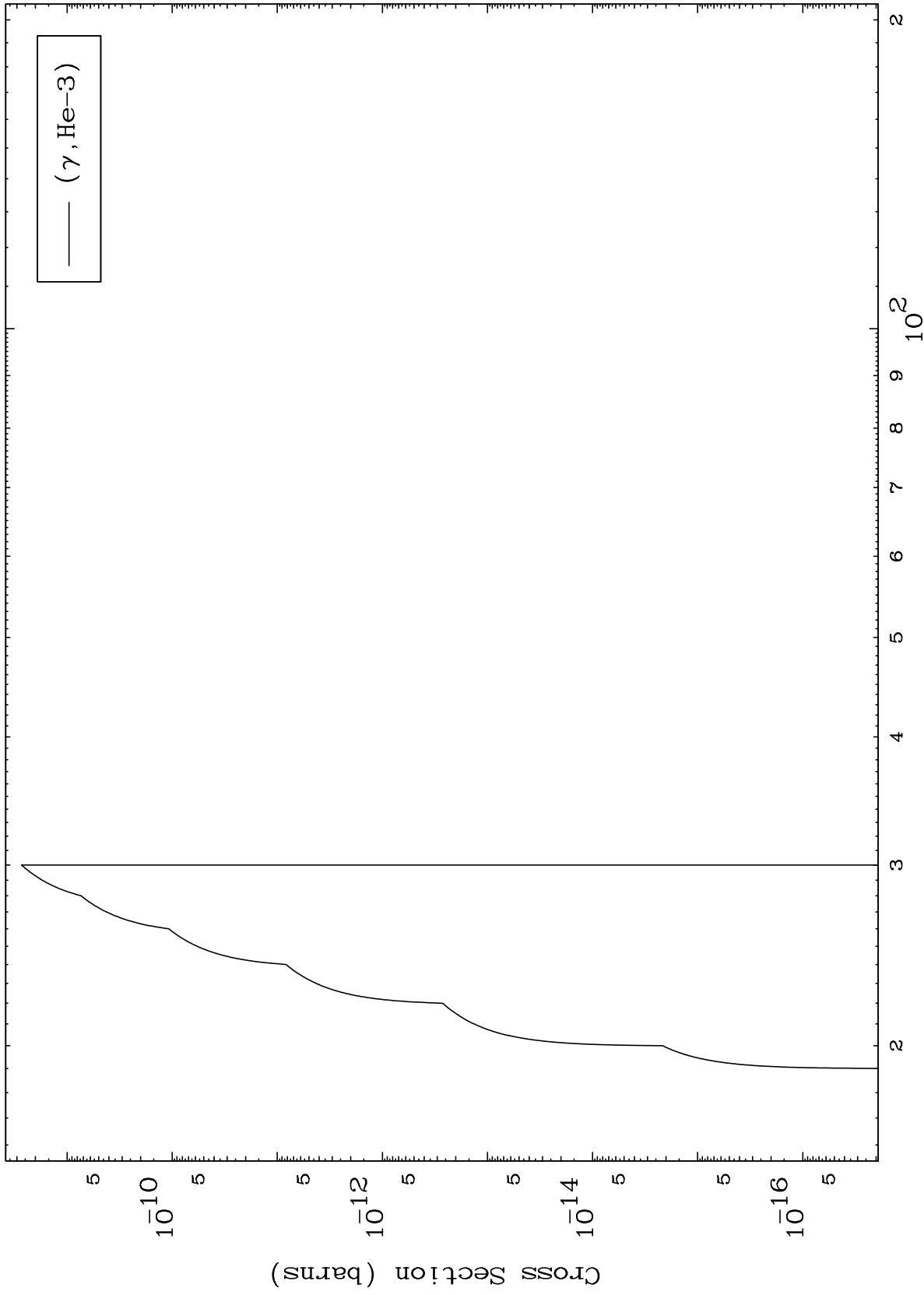
64-Gd-153



8

Incident Energy (MeV)

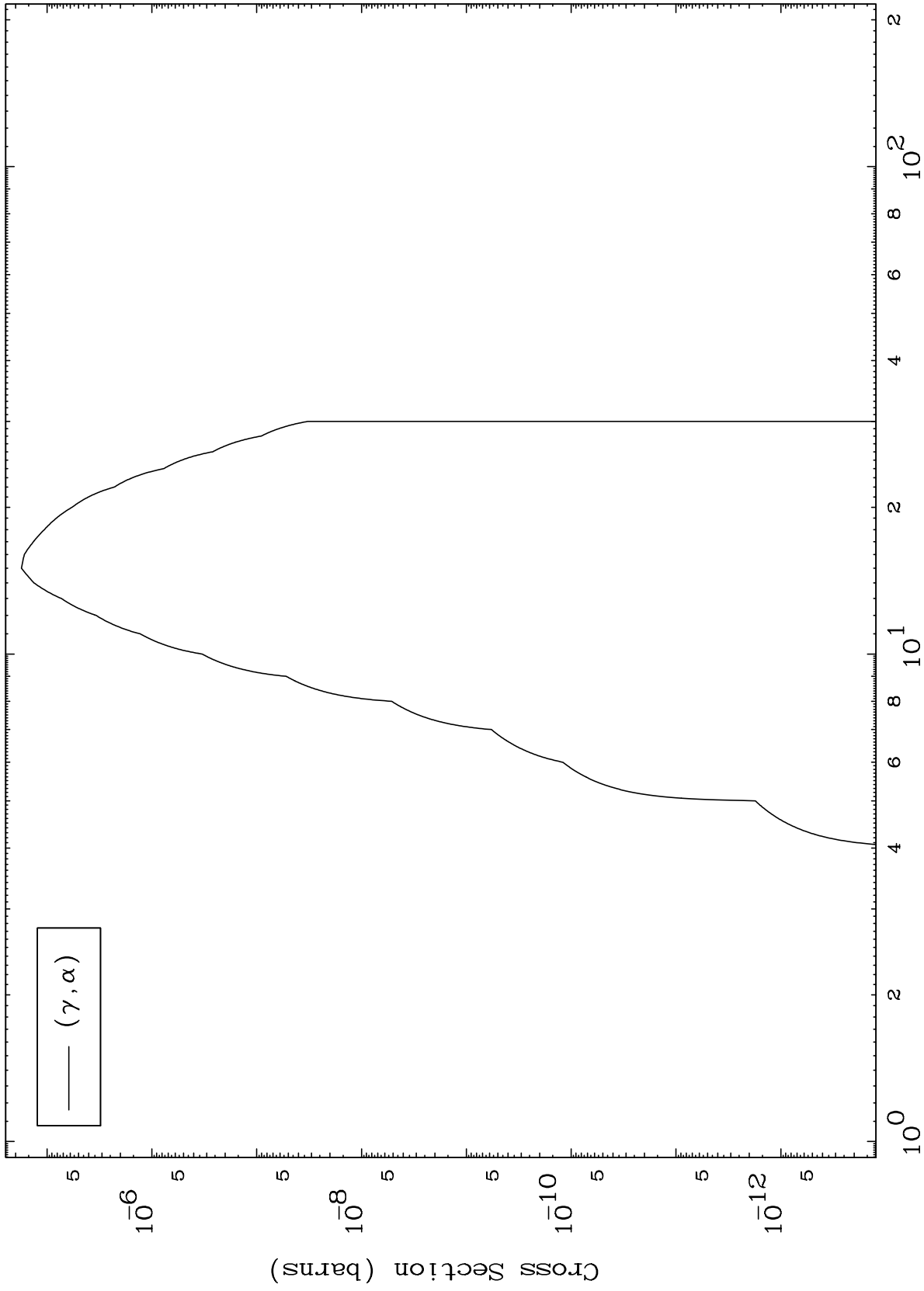
64-Gd-153



MAT 6428

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

64-Gd-153



Incident Energy (MeV)

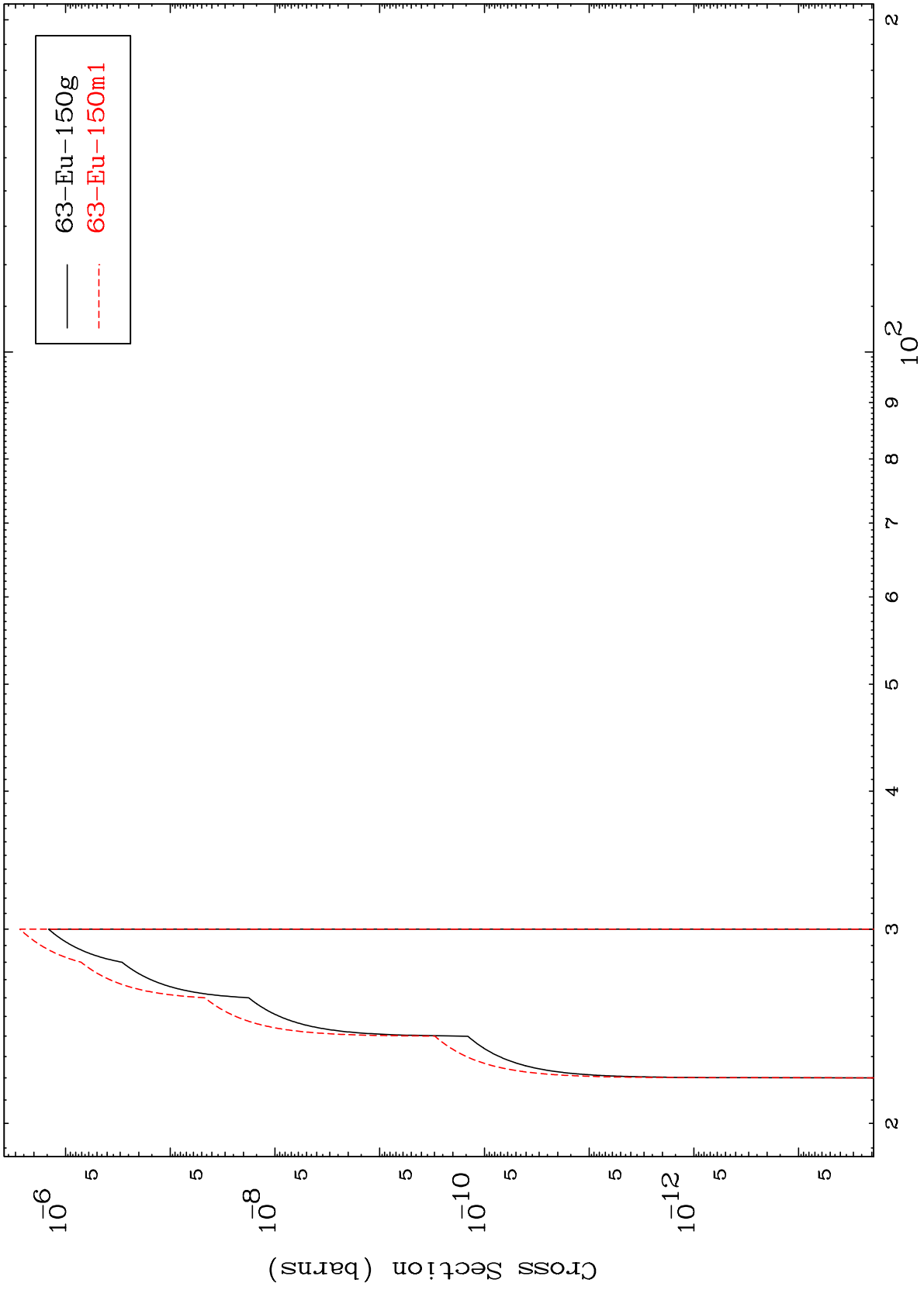
64-Gd-153

MAT 6428

( $\gamma, n'$ ) d

64-Gd-153

Radionuclide Production Cross Section



11

Incident Energy (MeV)

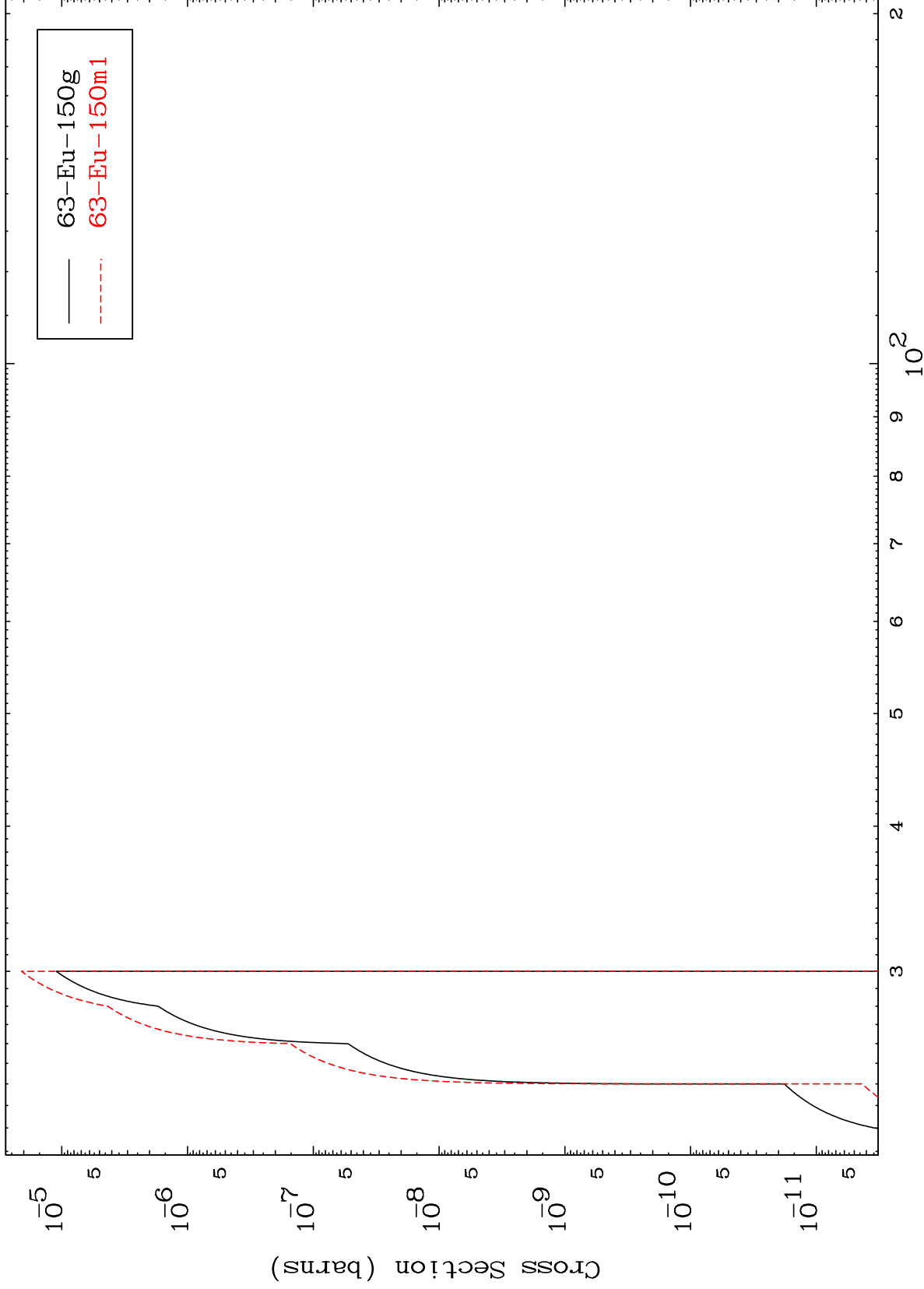
64-Gd-153

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$(\gamma, 2n)$  p

64-Gd-153

Radionuclide Production Cross Section



12

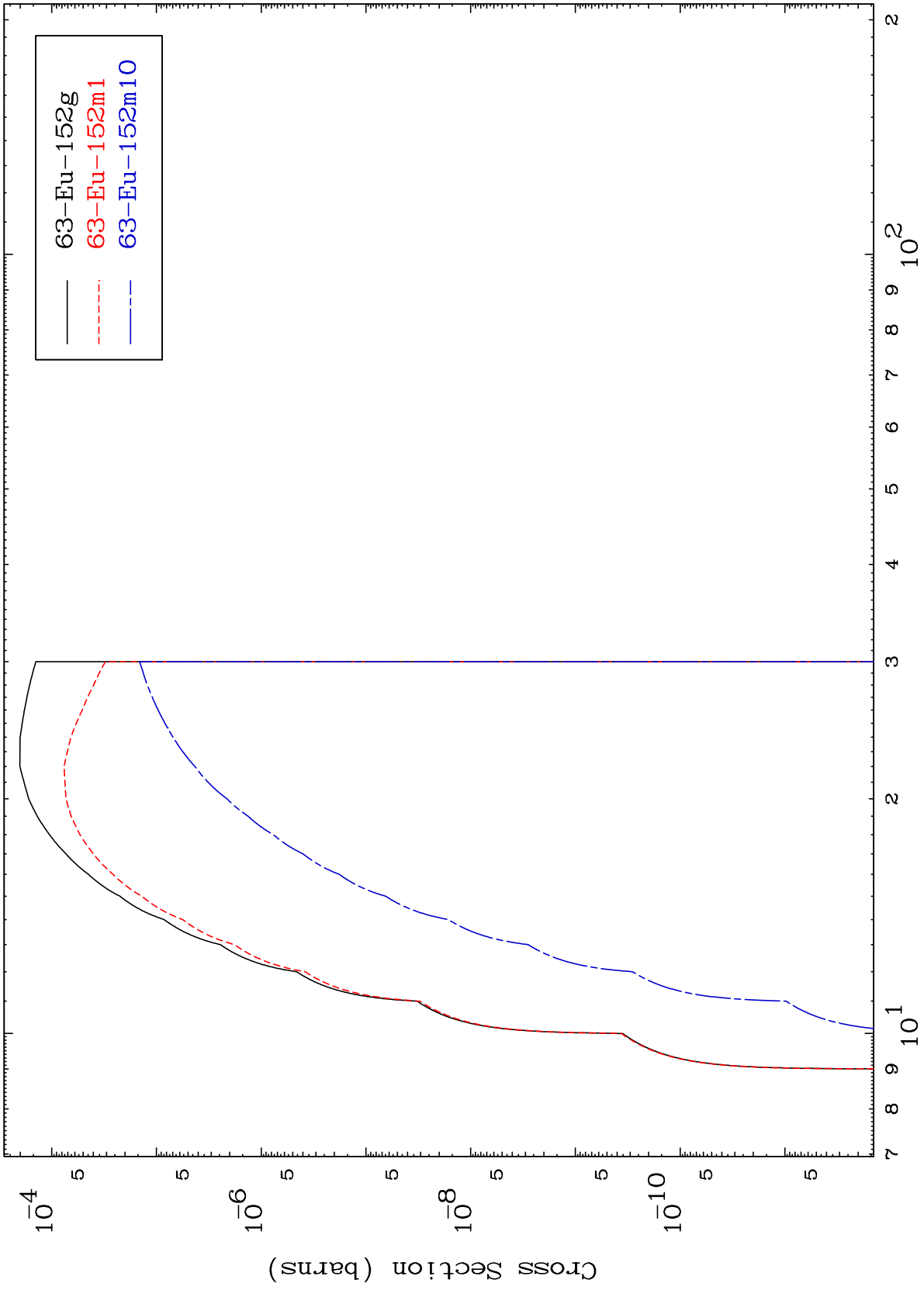
Incident Energy (MeV)

64-Gd-153

MAT 6428

64-Gd-153

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



13

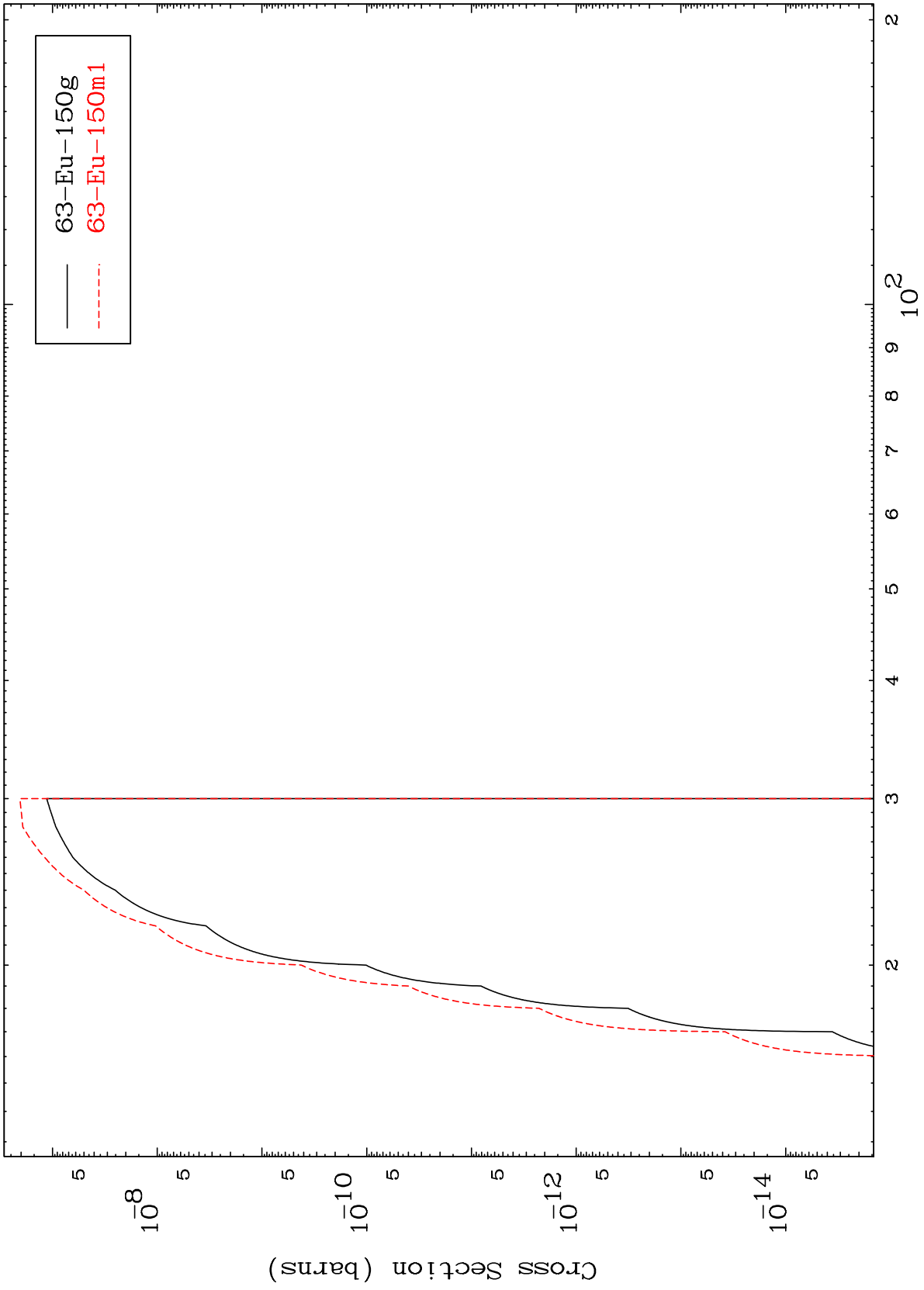
Incident Energy (MeV)

64-Gd-153

MAT 6428

64-Gd-153

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



14

Incident Energy (MeV)

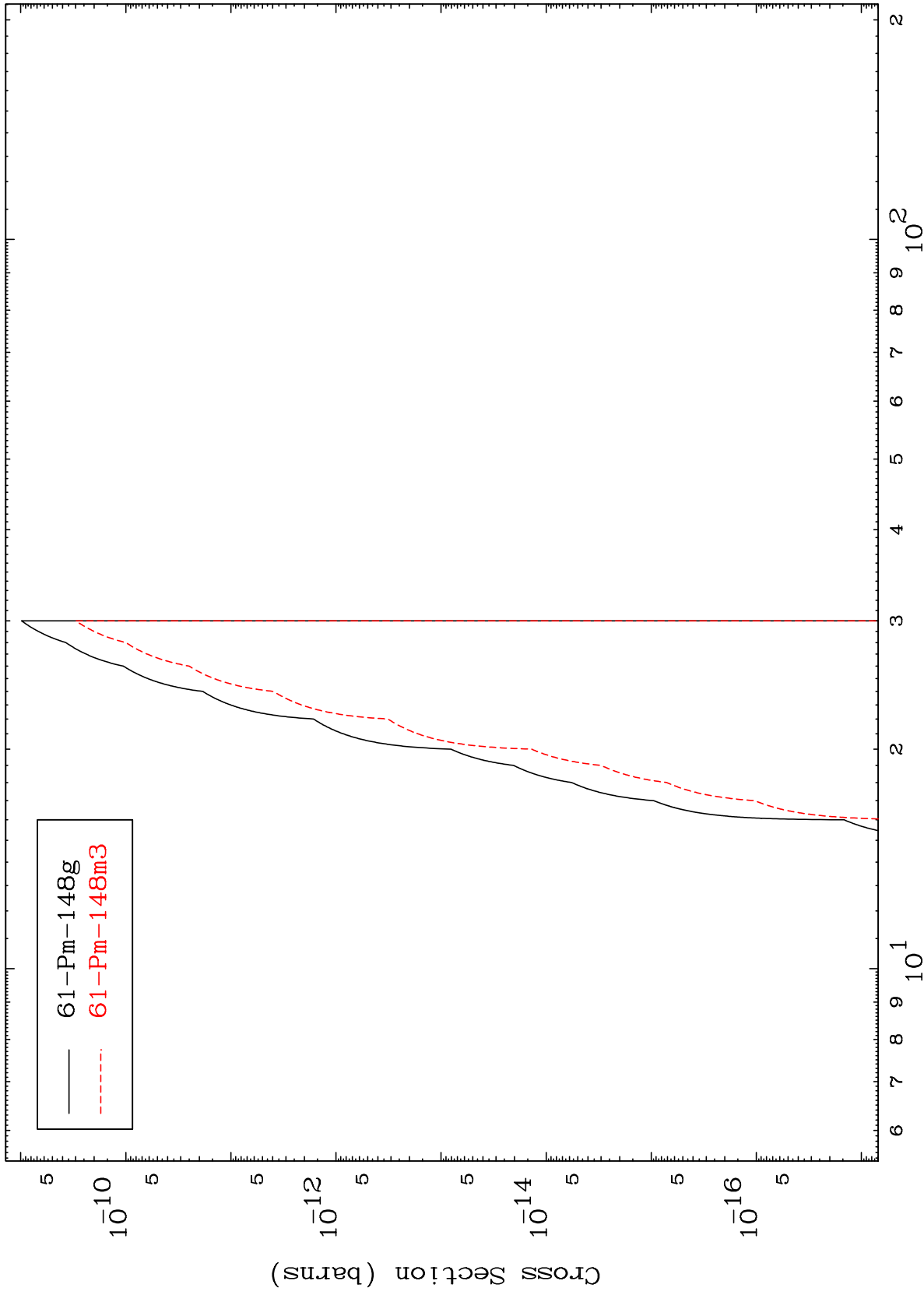
64-Gd-153

MAT 6428

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

64-Gd-153

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-153