

Program EVALPLOT  
(Version 2018-1)

by

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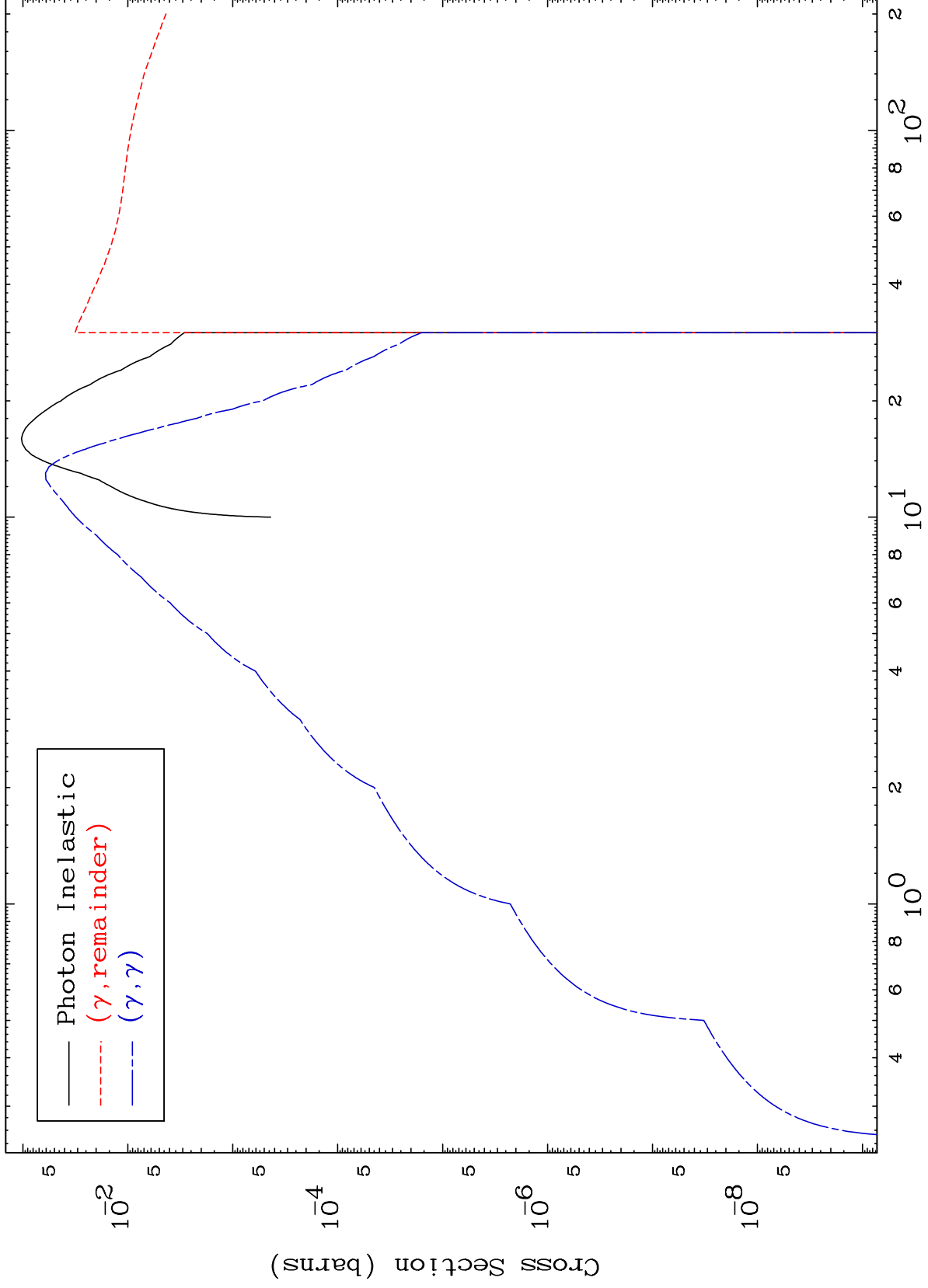
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

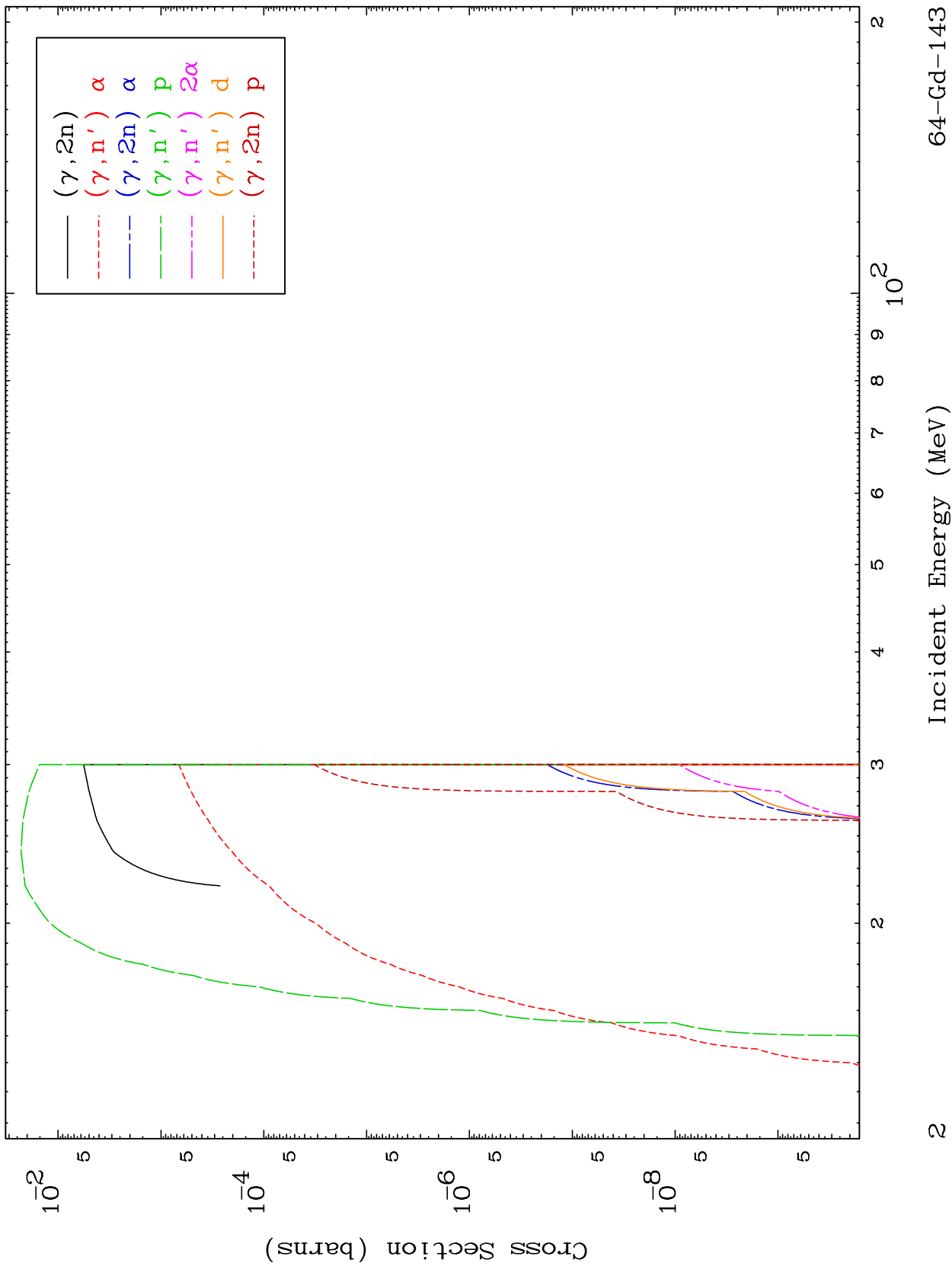
MAT 6399

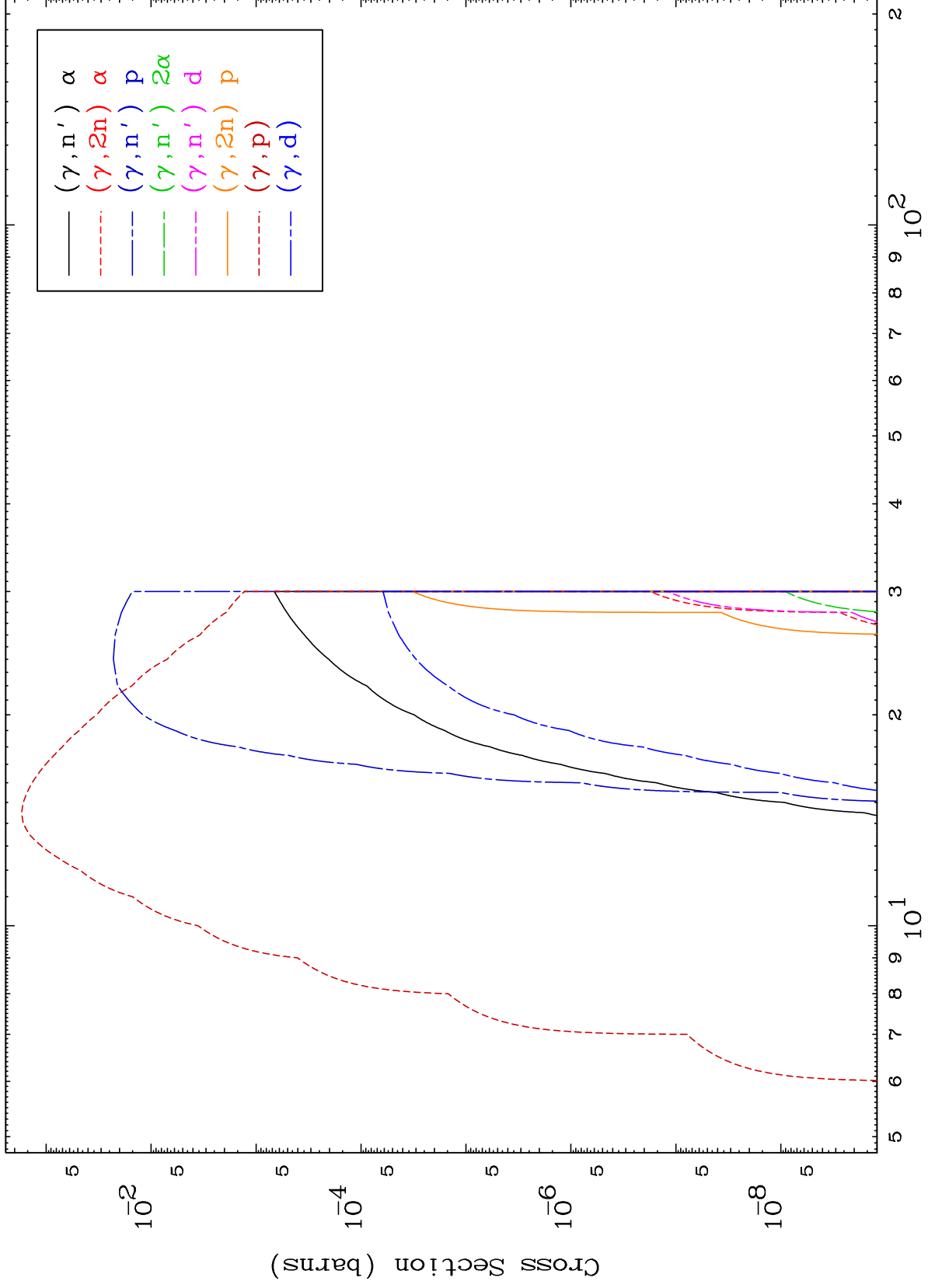
Photon Major  
0 Kelvin Cross Sections

64-Gd-143



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

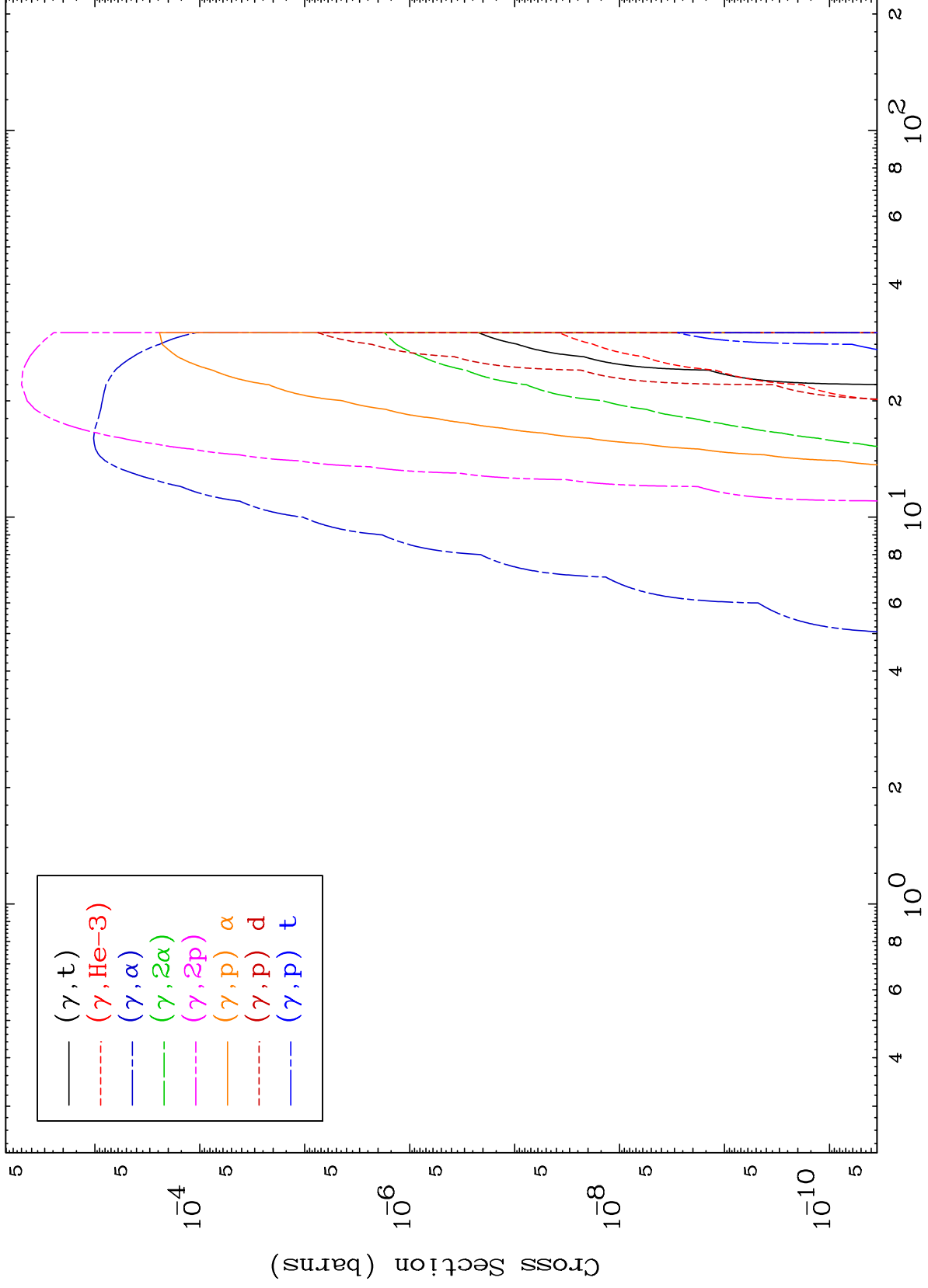




MAT 6399

Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-143

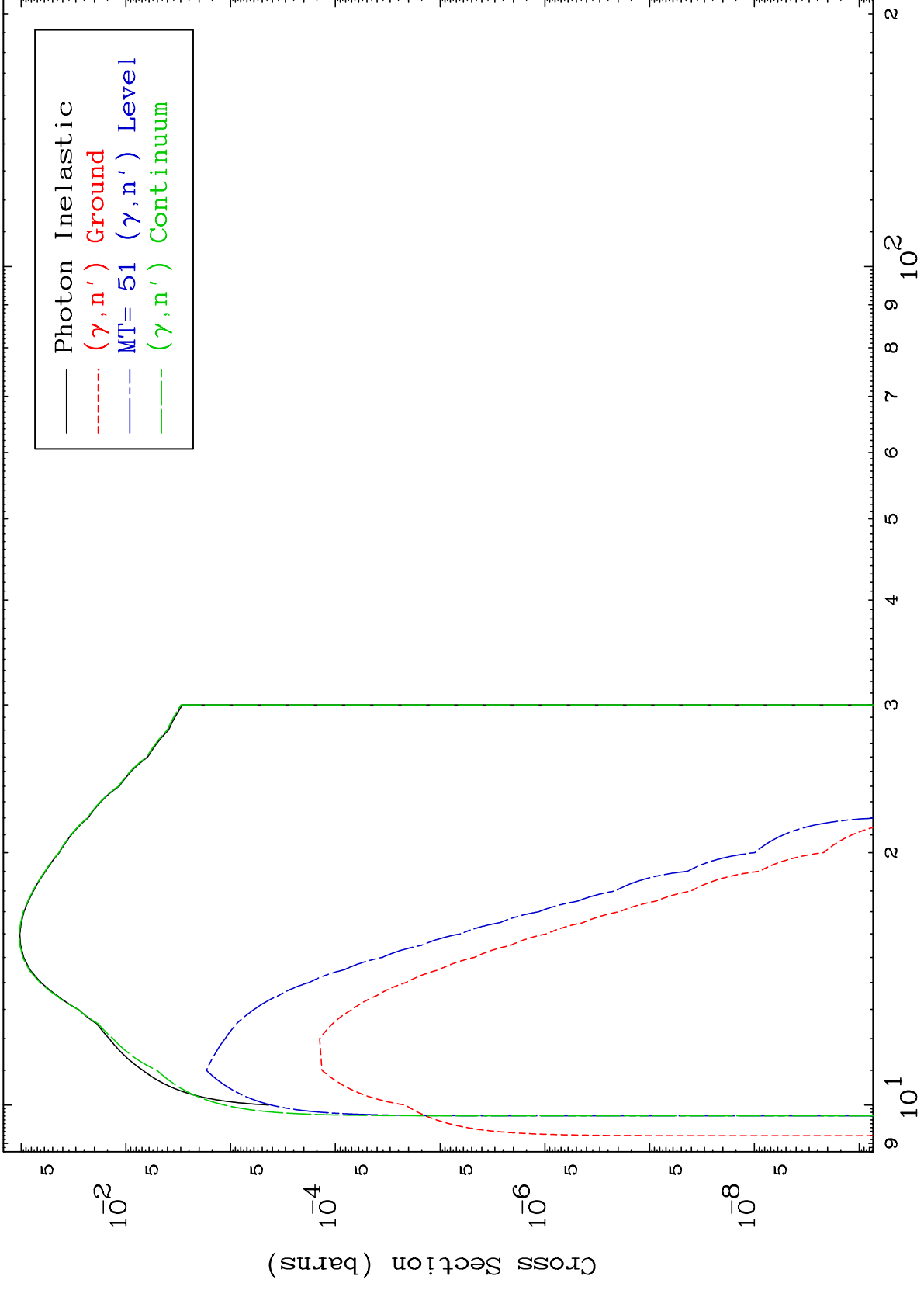


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$(\gamma, n')$  Level

64-Gd-143

0 Kelvin Cross Sections



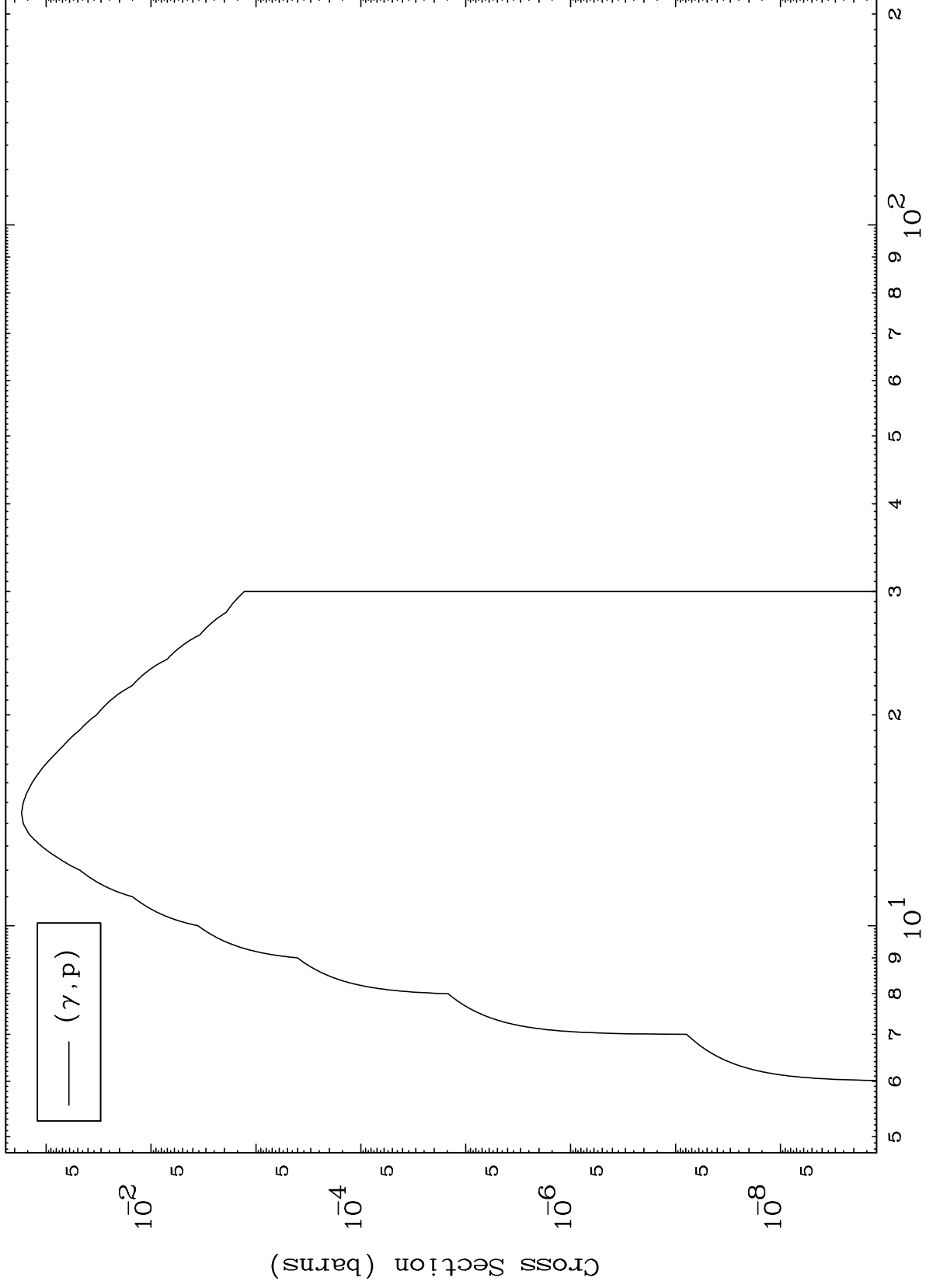
Incident Energy (MeV)

64-Gd-143

MAT 6399

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

64-Gd-143

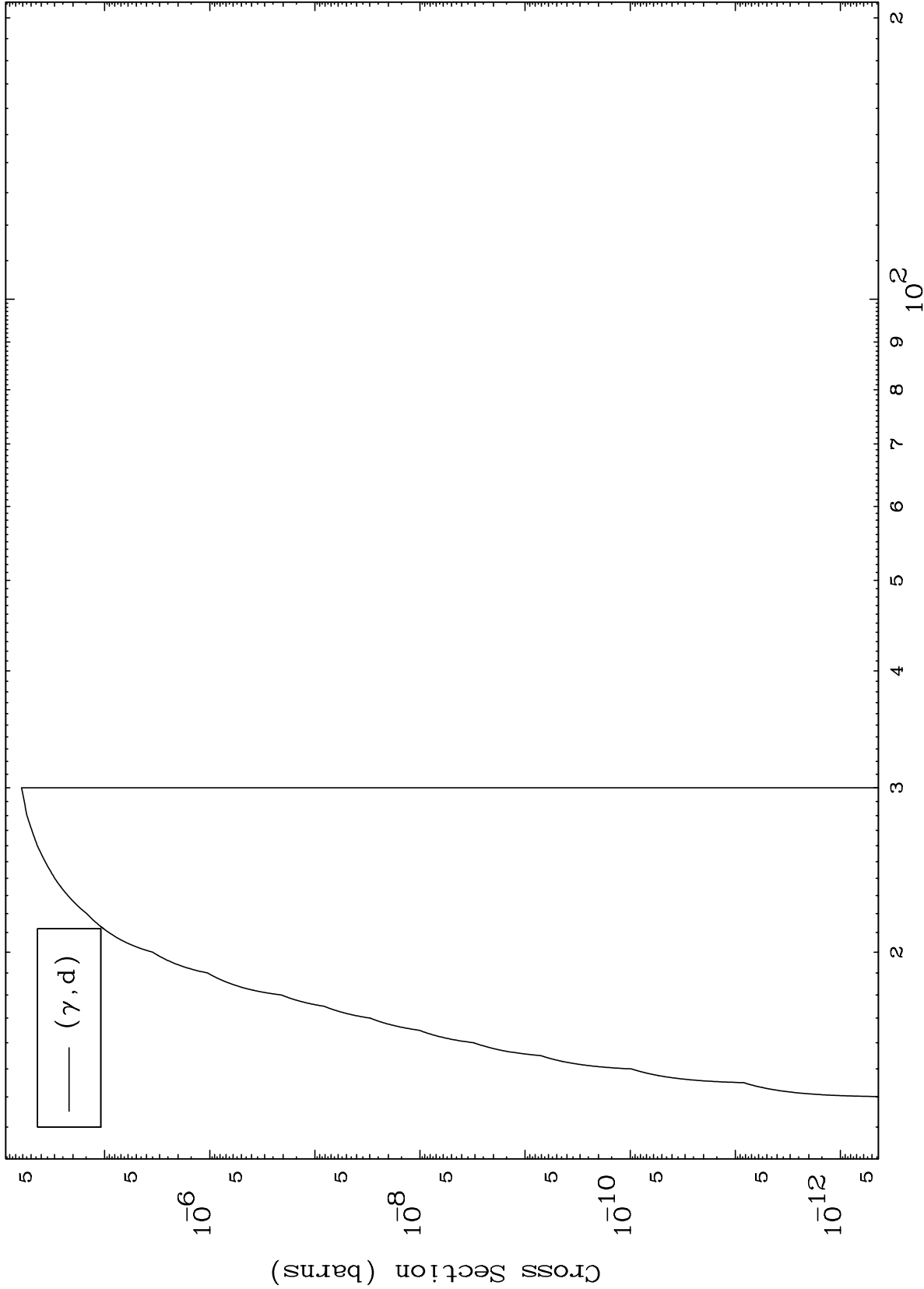


6

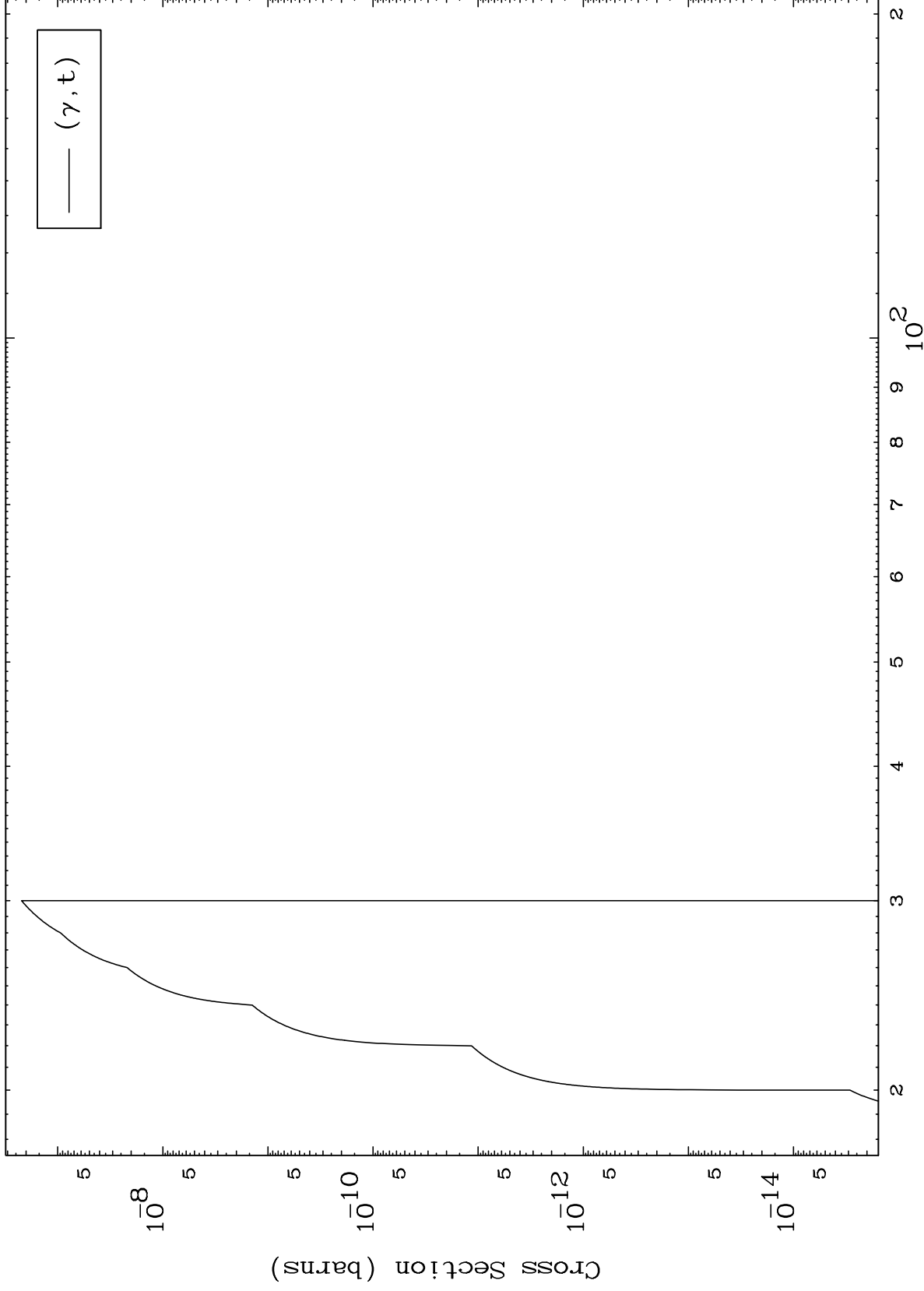
Incident Energy (MeV)

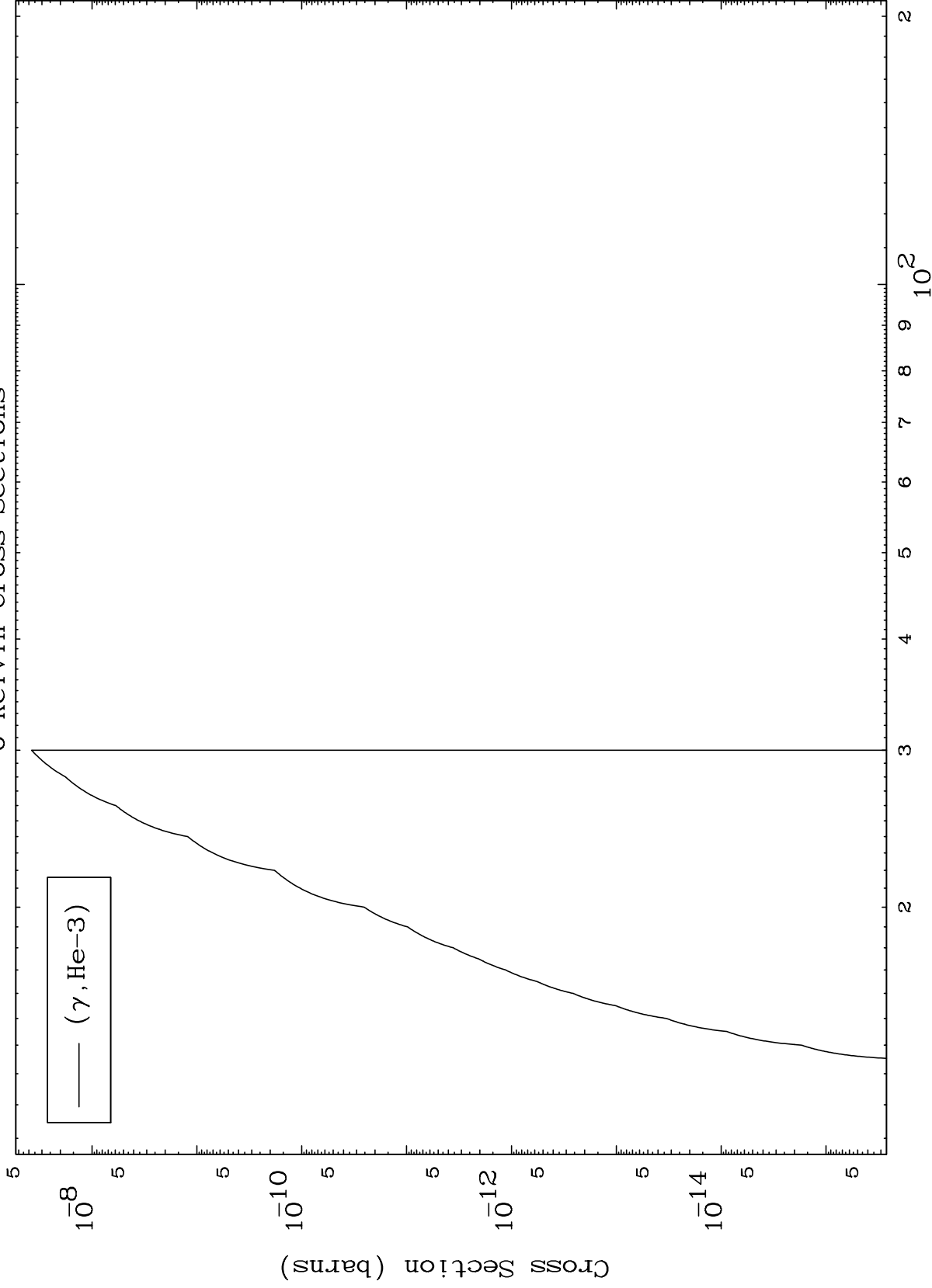
64-Gd-143

0 Kelvin Cross Sections







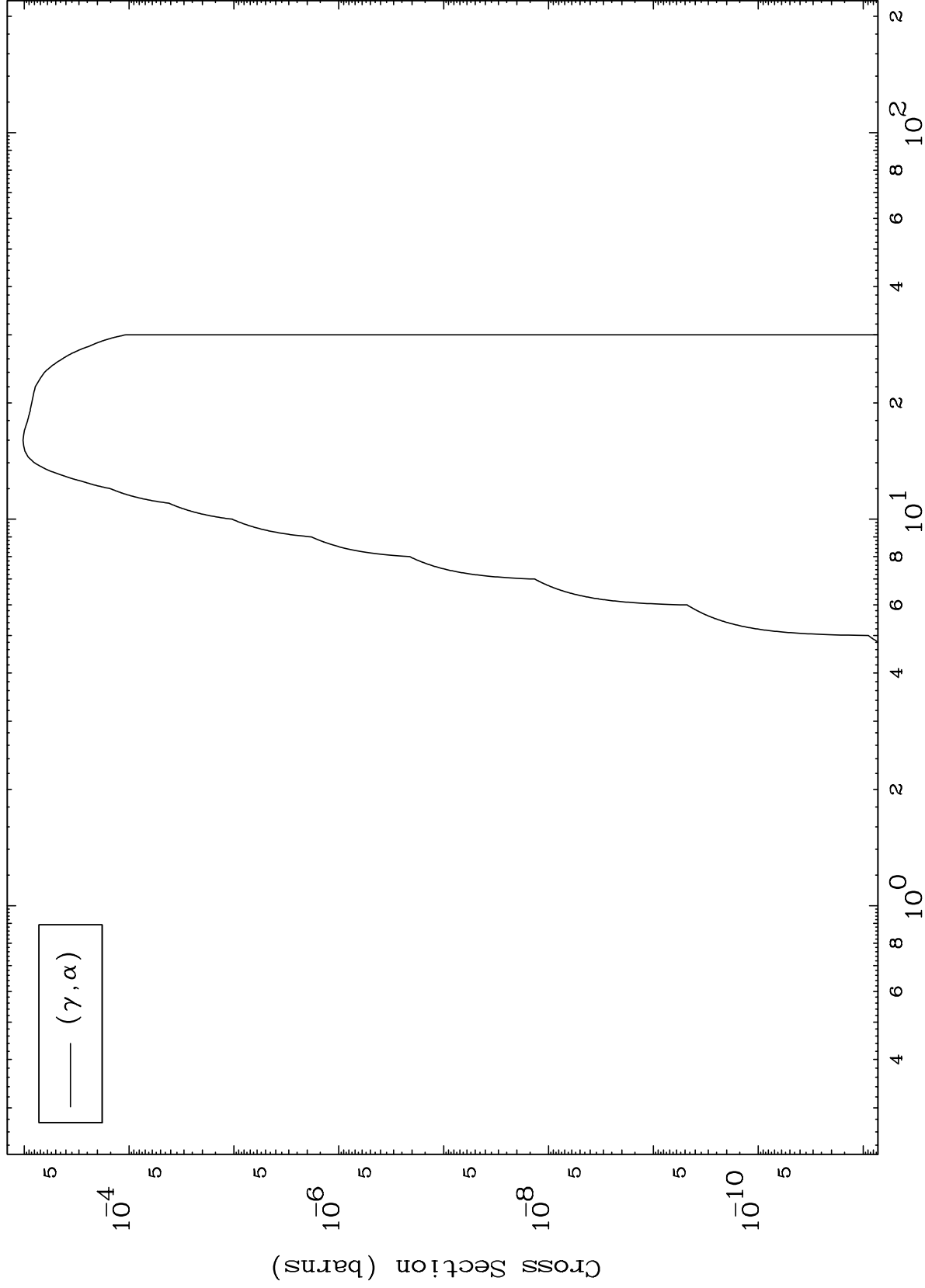


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( $\gamma, \alpha$ ) Levels

64-Gd-143

0 Kelvin Cross Sections



( $\gamma, \alpha$ )

10

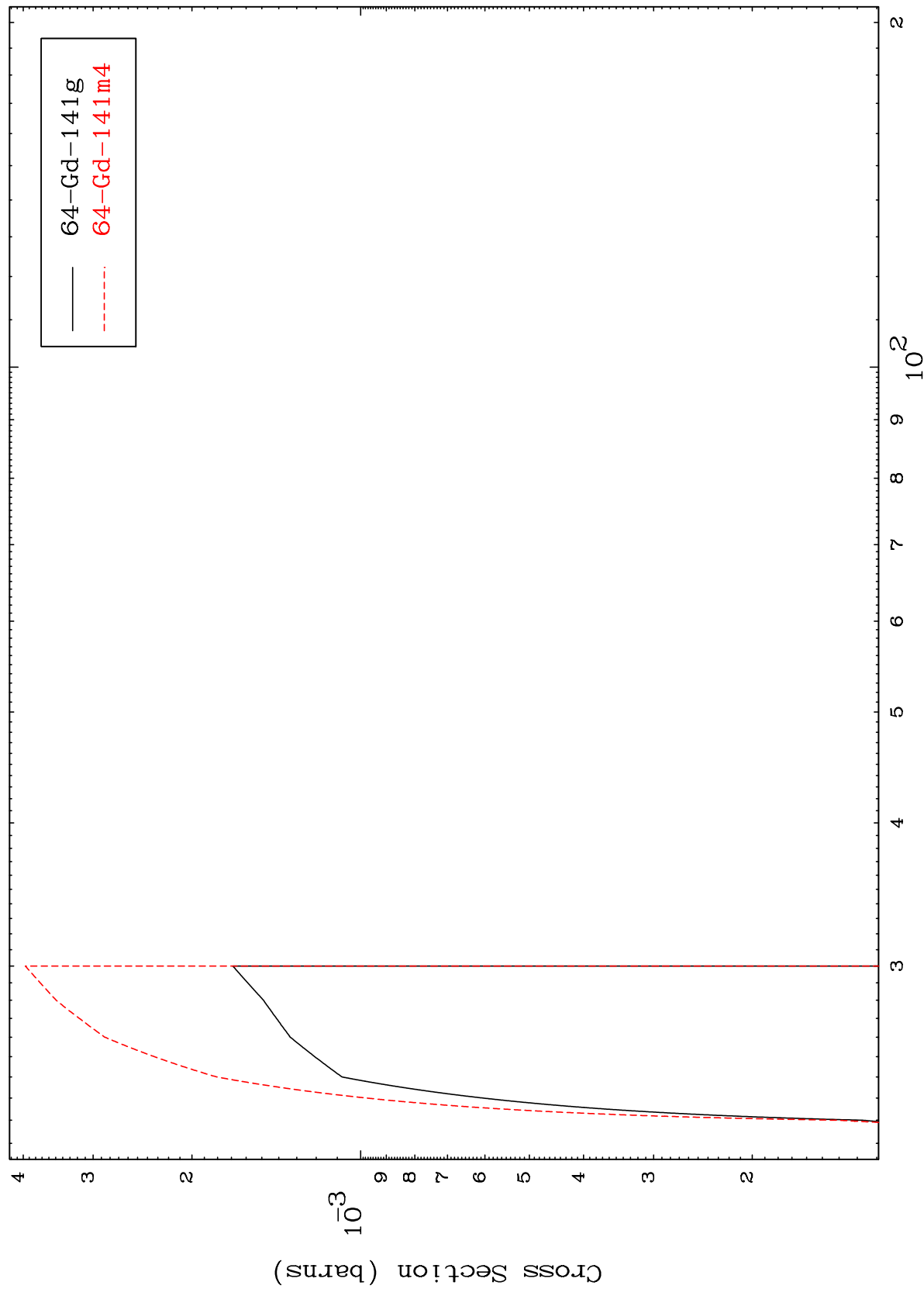
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

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



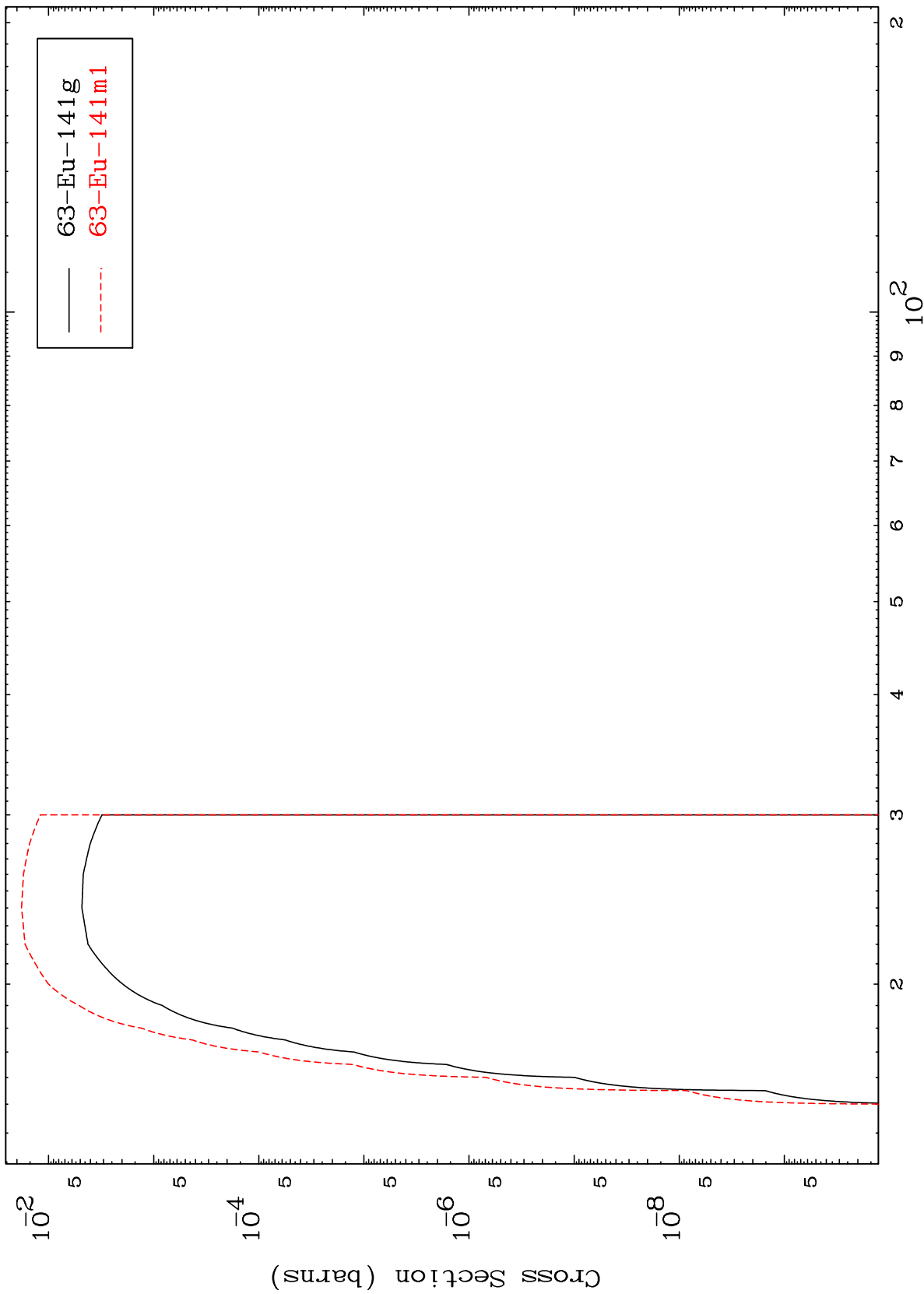
64-Gd-141g  
64-Gd-141m4

11

64-Gd-143

Incident Energy (MeV)

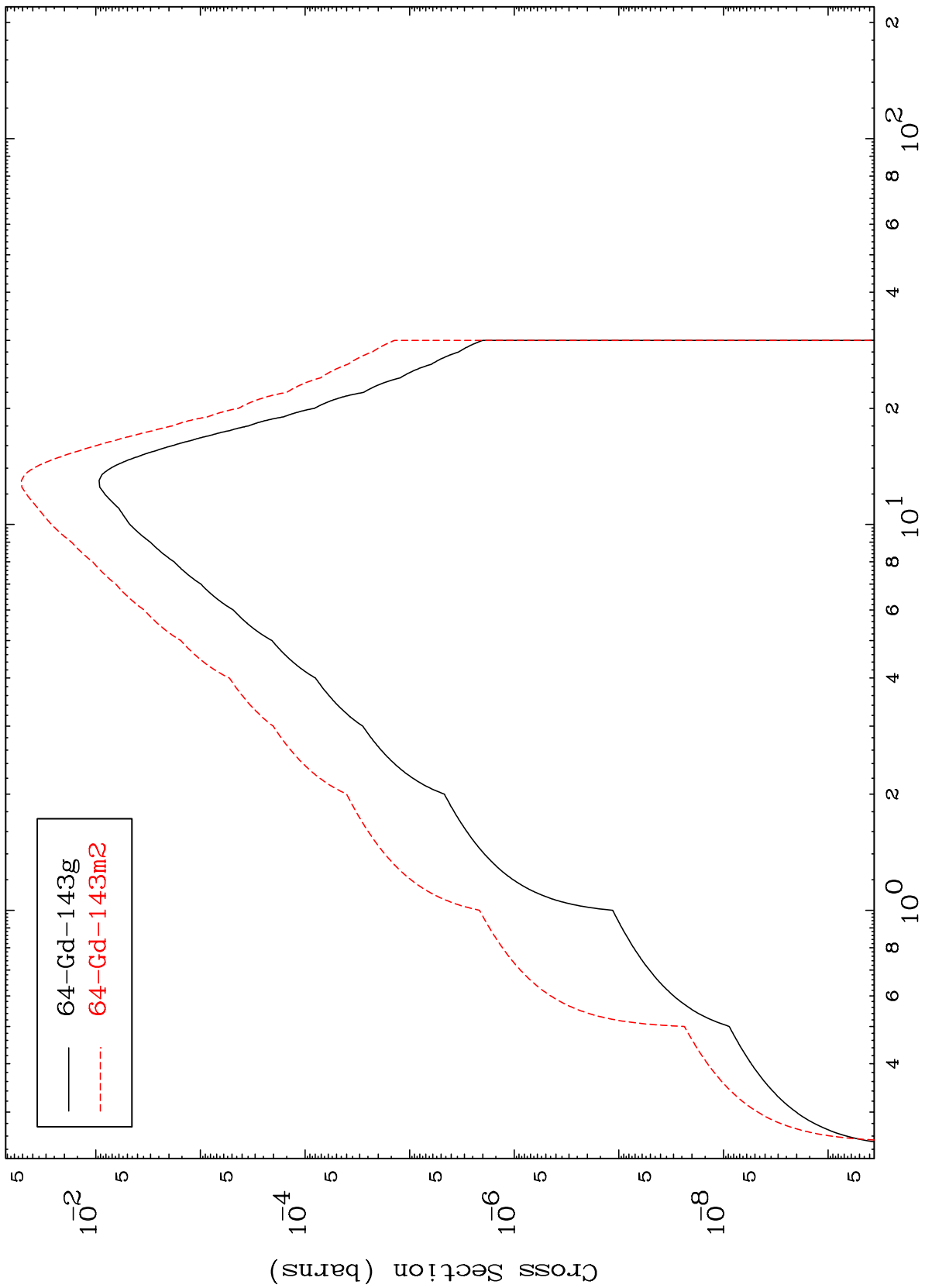
Radionuclide Production Cross Section



MAT 6399

64-Gd-143

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



64-Gd-143g  
64-Gd-143m2

13

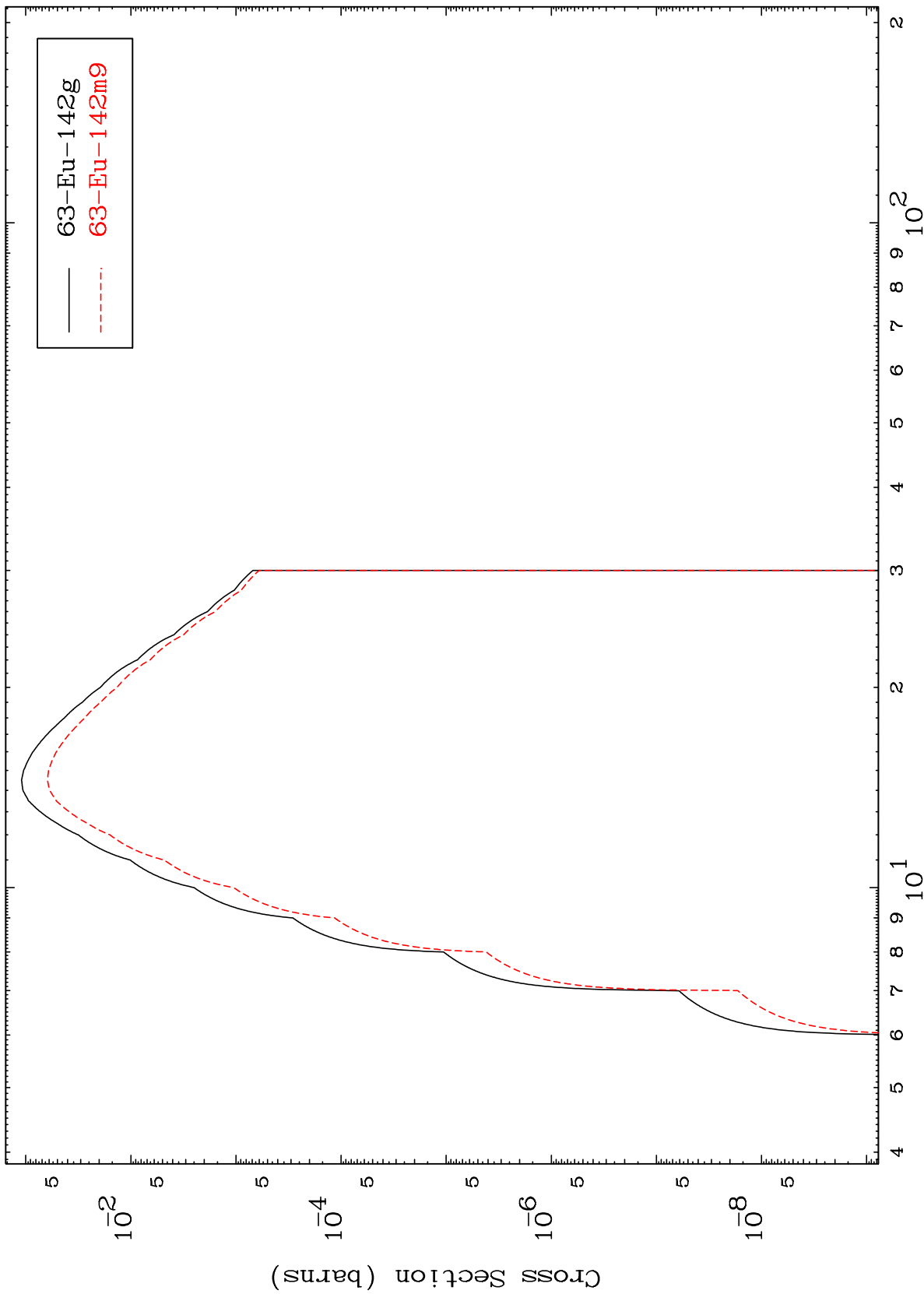
Incident Energy (MeV)

64-Gd-143

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64-Gd-143

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



14

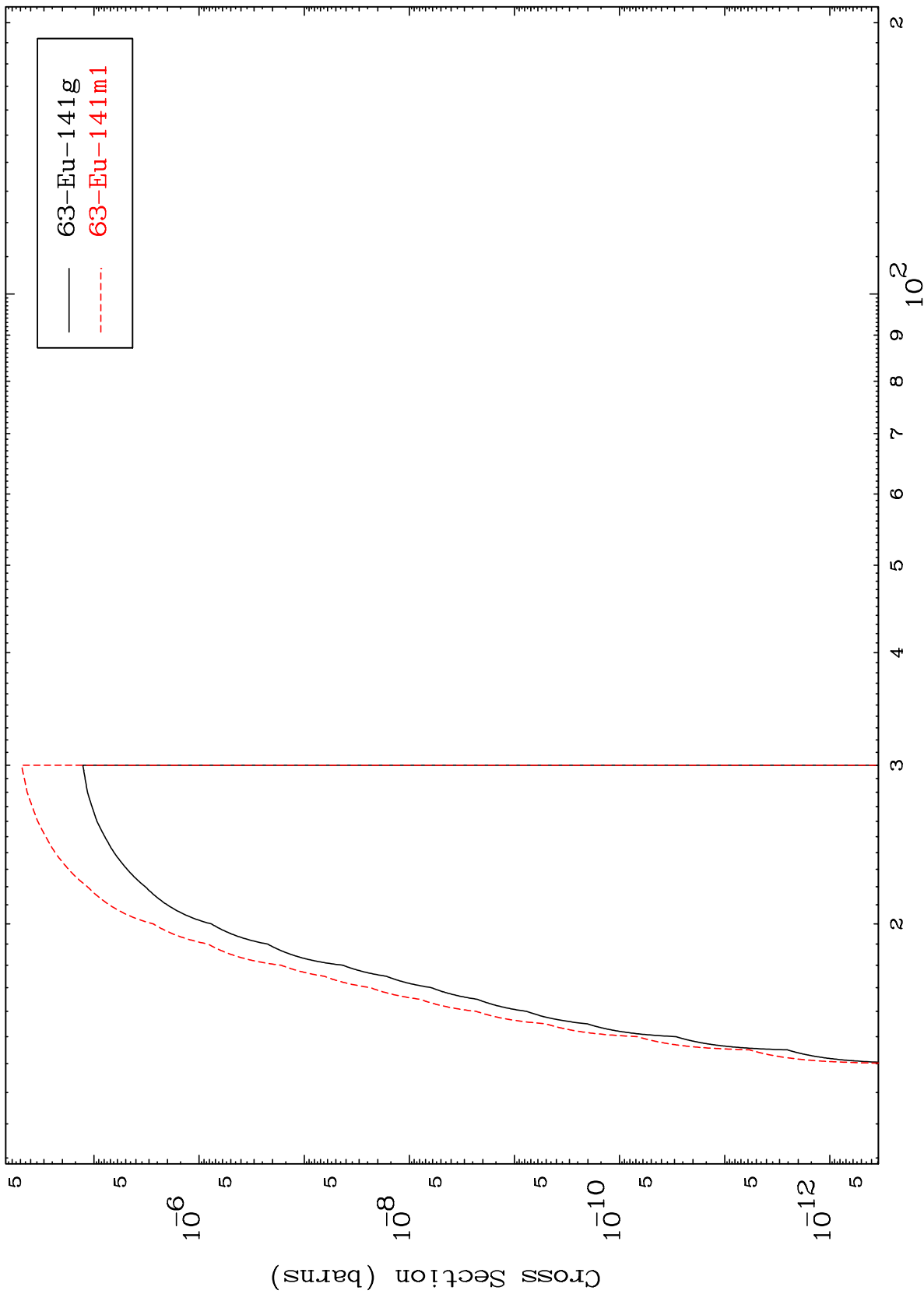
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

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



15

Incident Energy (MeV)

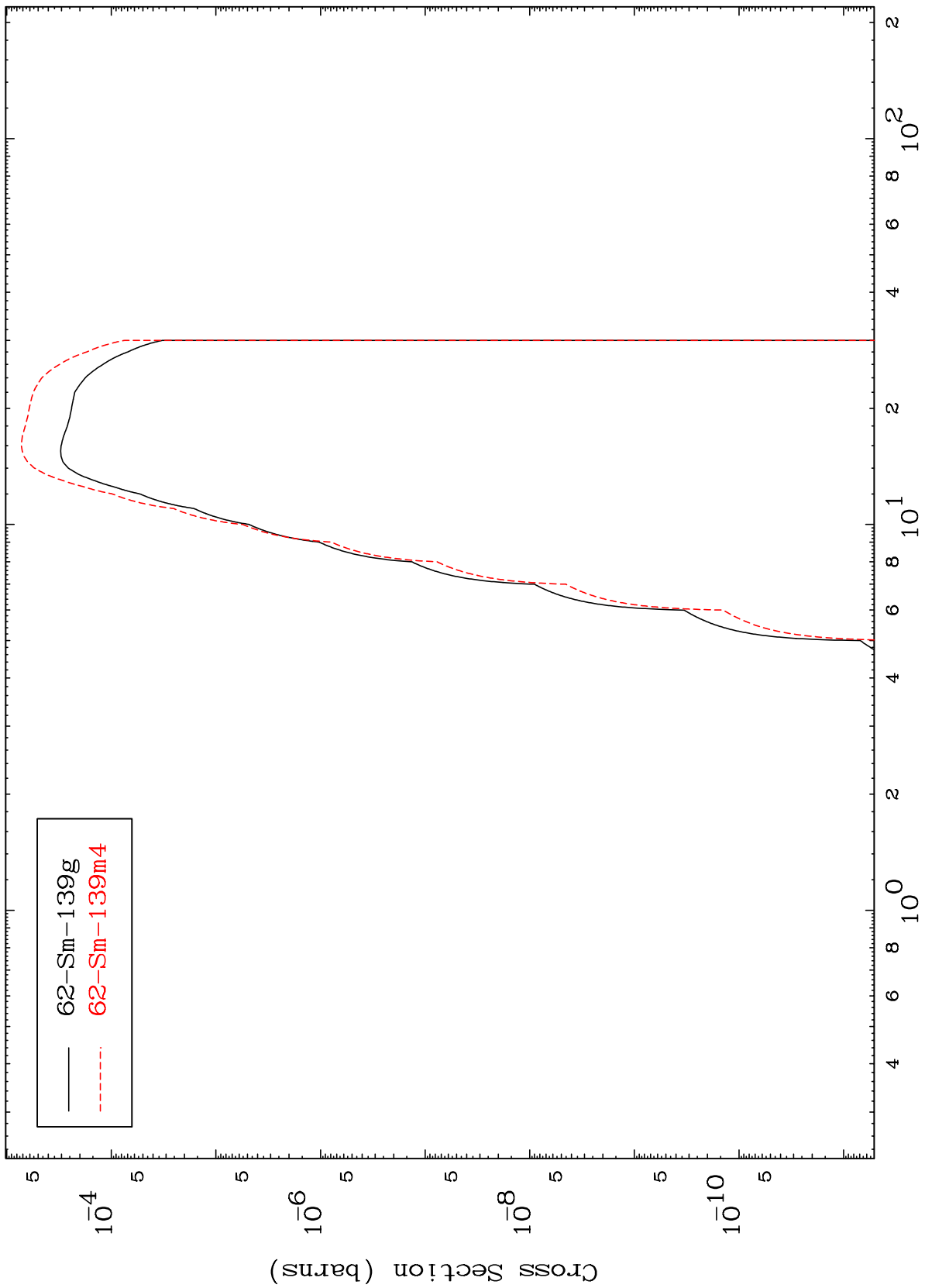
64-Gd-143



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64-Gd-143

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



16

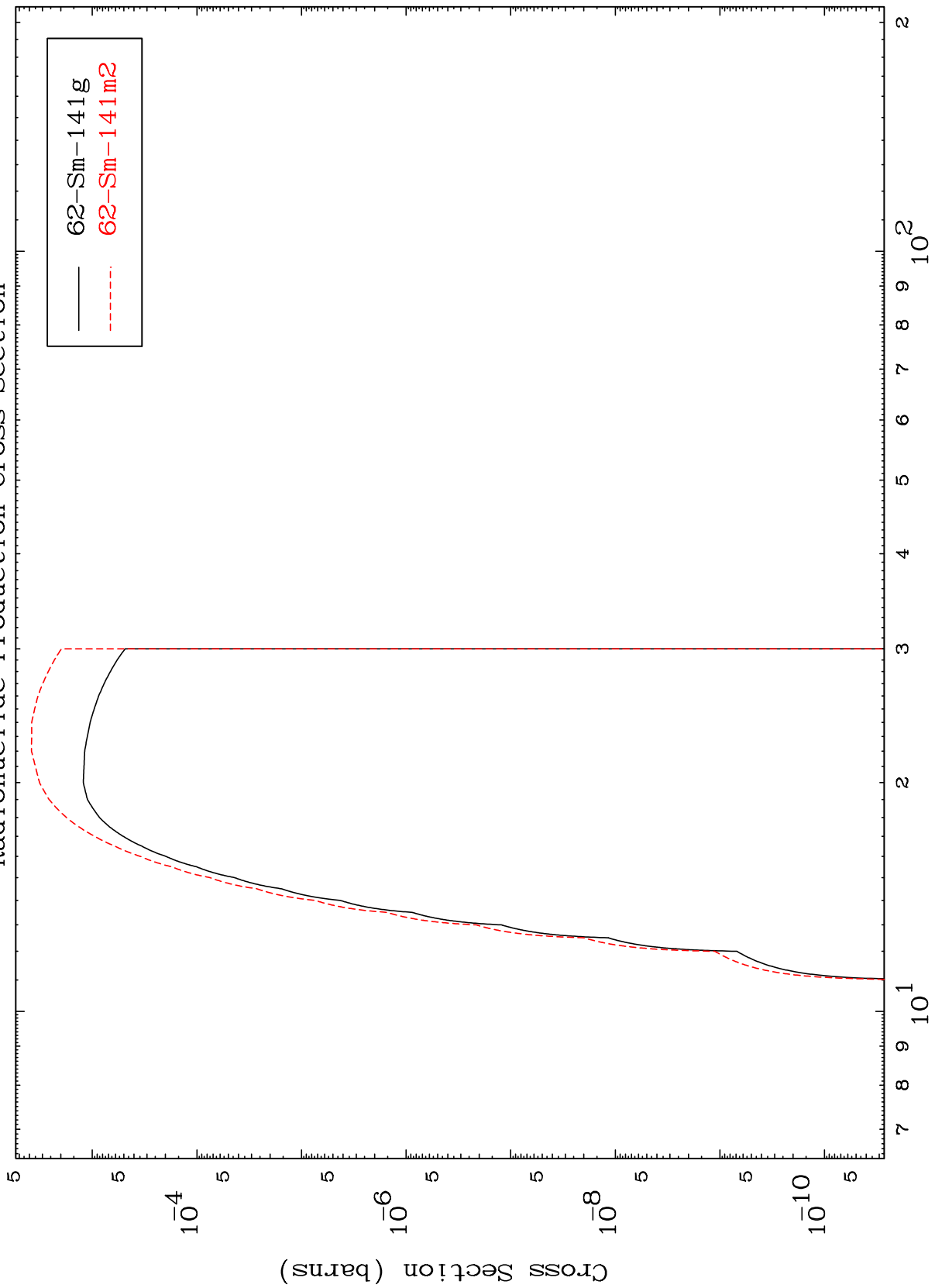
64-Gd-143

Incident Energy (MeV)

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64-Gd-143

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



17

Incident Energy (MeV)

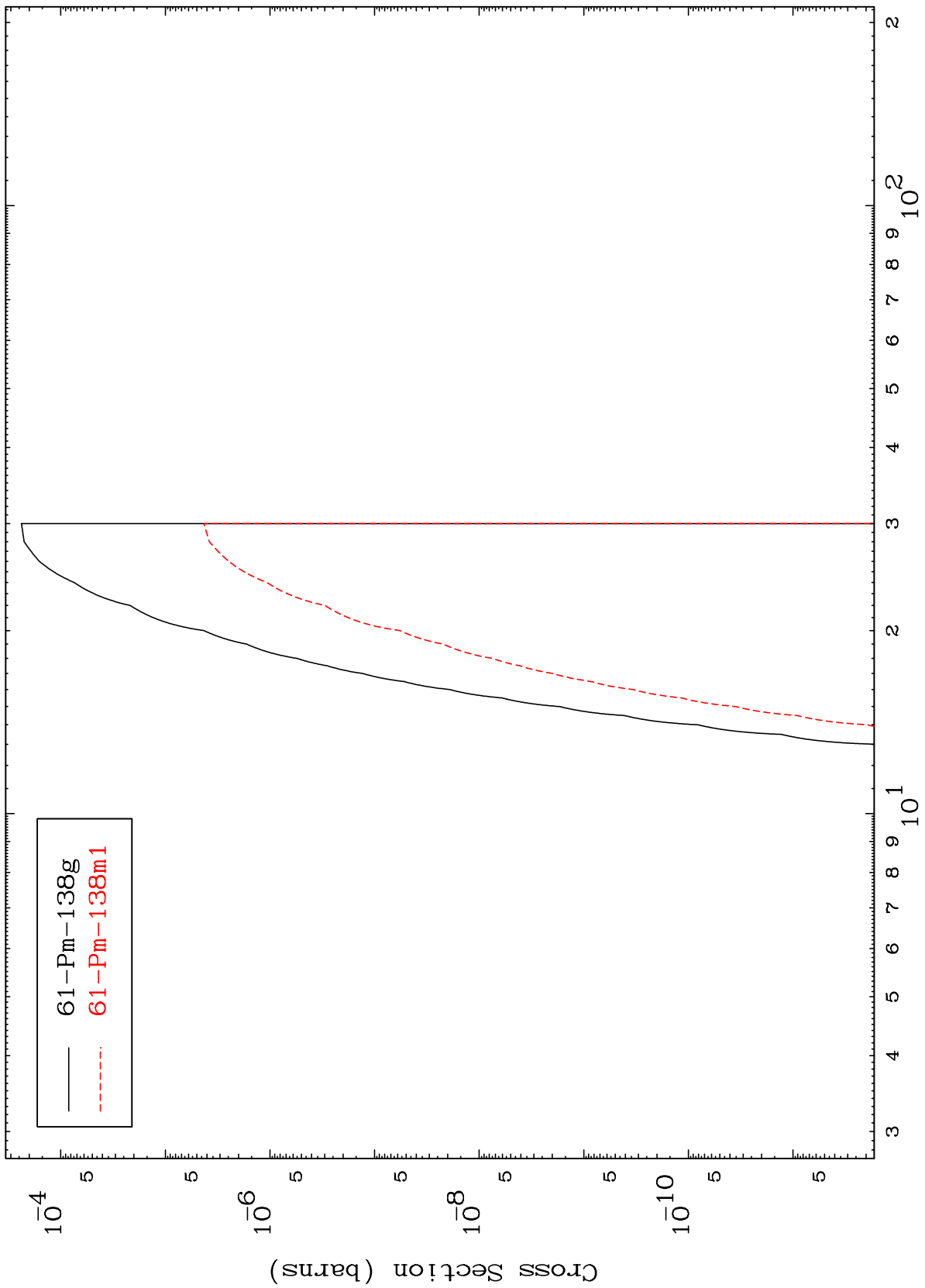
64-Gd-143

MAT 6399

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

64-Gd-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

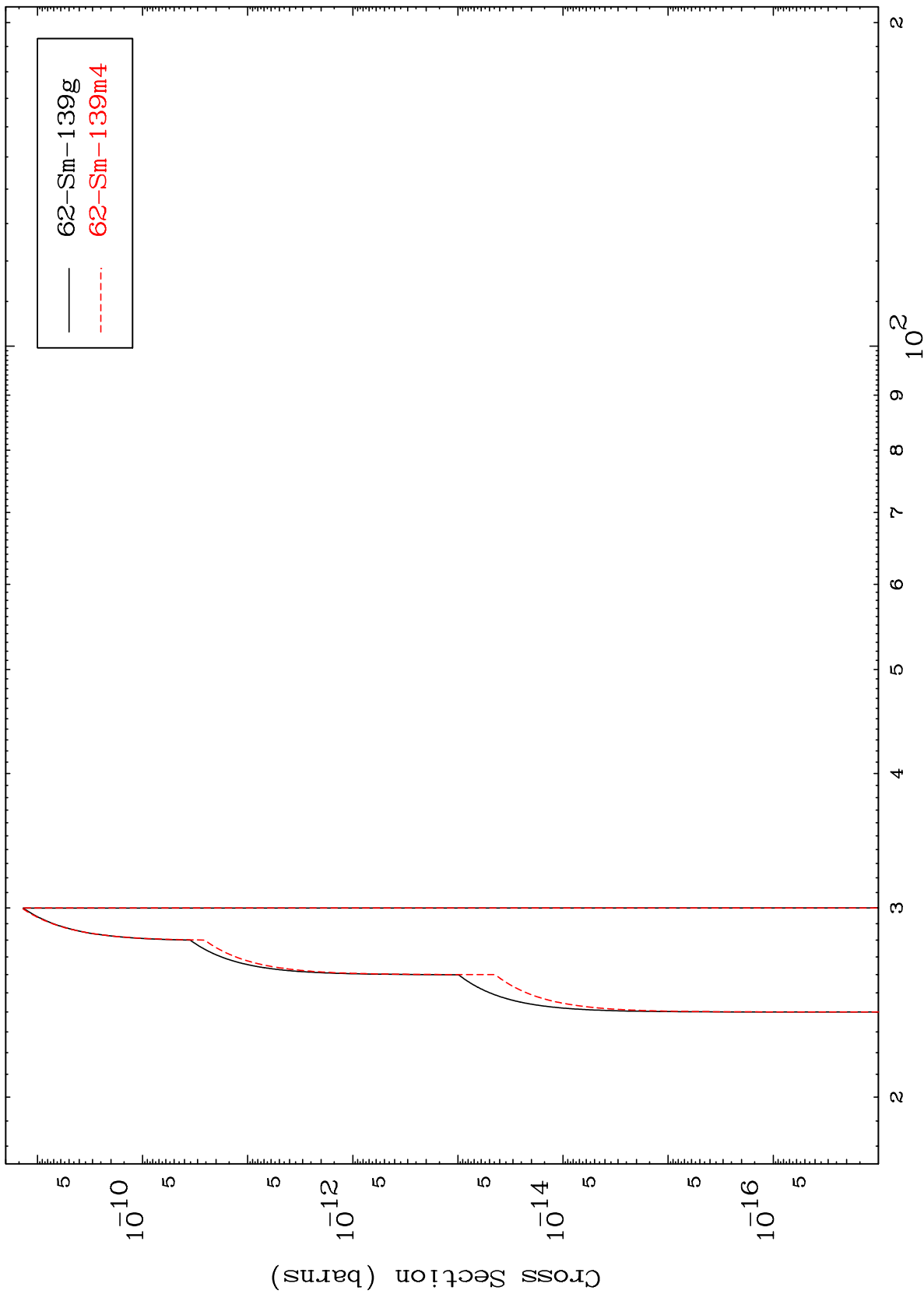
64-Gd-143

MAT 6399

( $\gamma, p$ ) t

64-Gd-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-143