

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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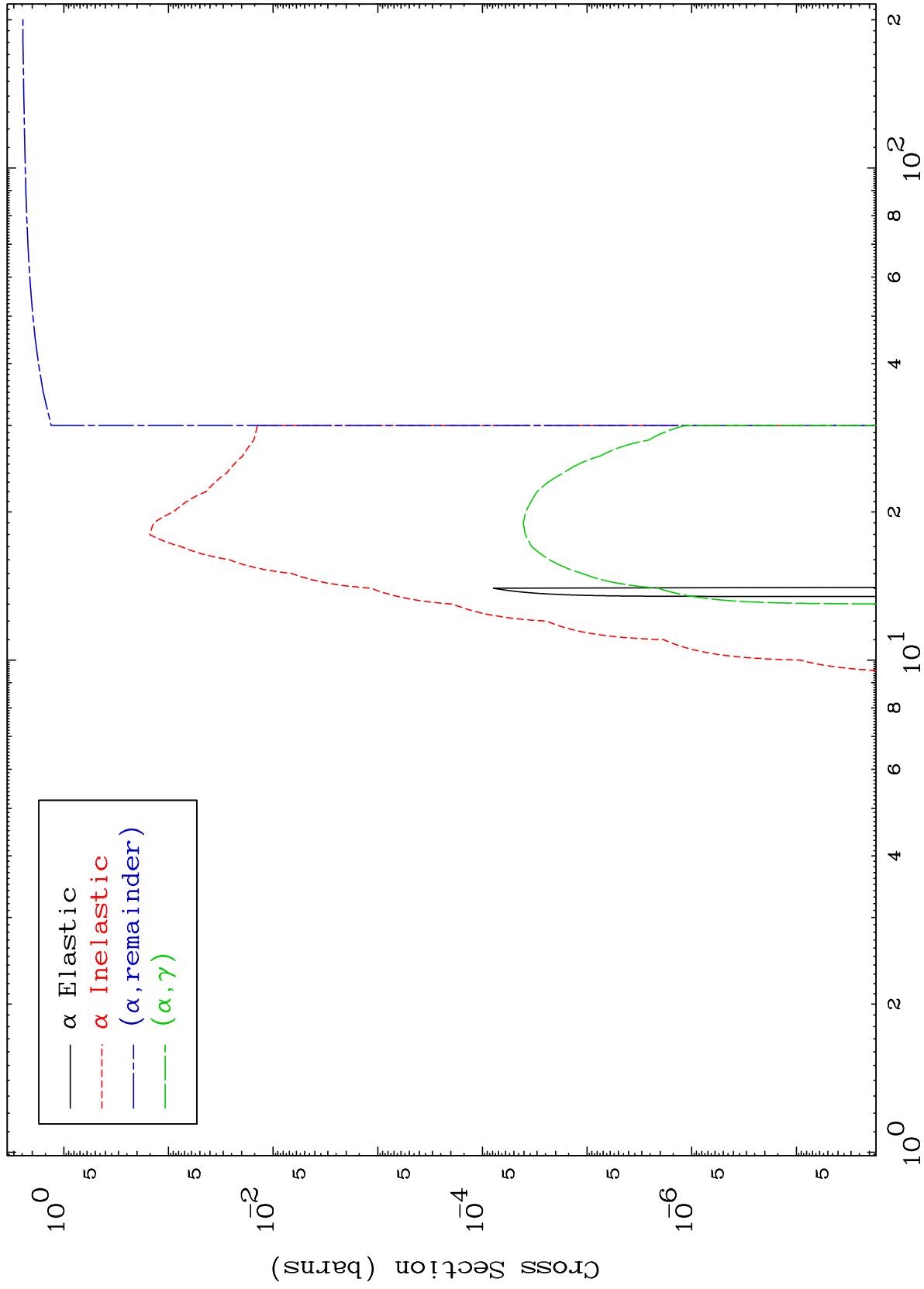
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6428

0 Kelvin  $\alpha$  Major

64-Gd-153



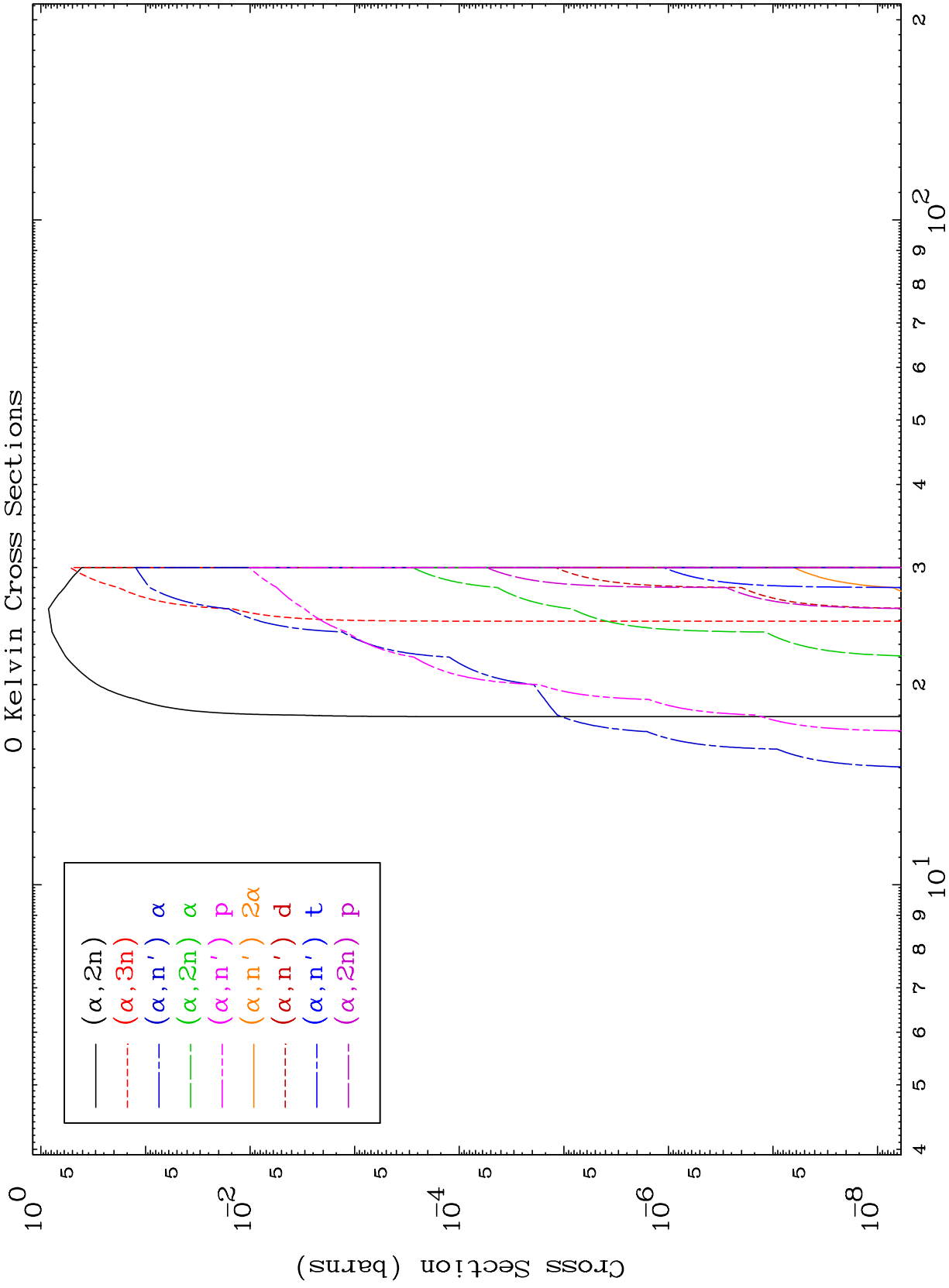
Incident Energy (MeV)

64-Gd-153

MAT 6428

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

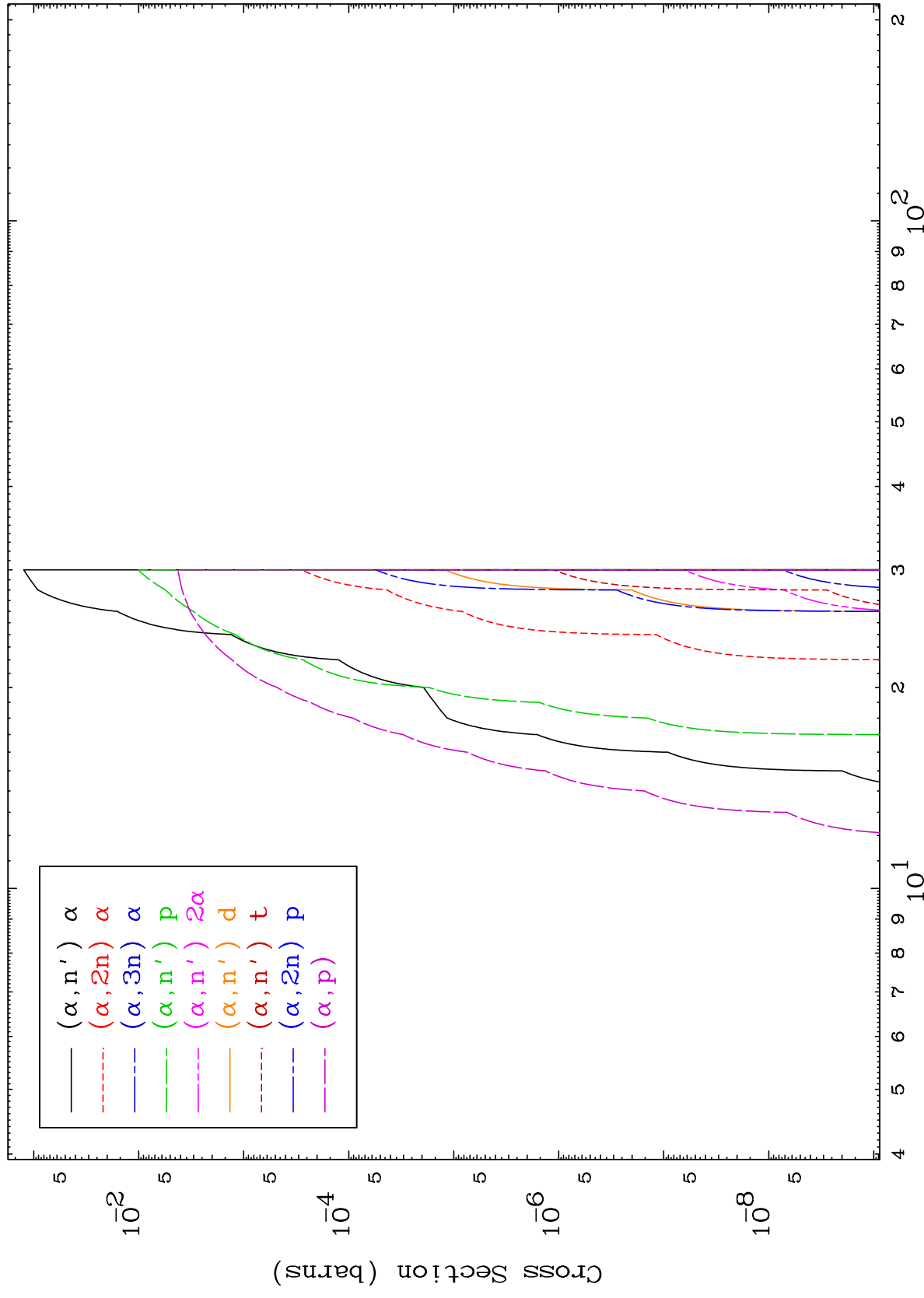
64-Gd-153



2

Incident Energy (MeV)

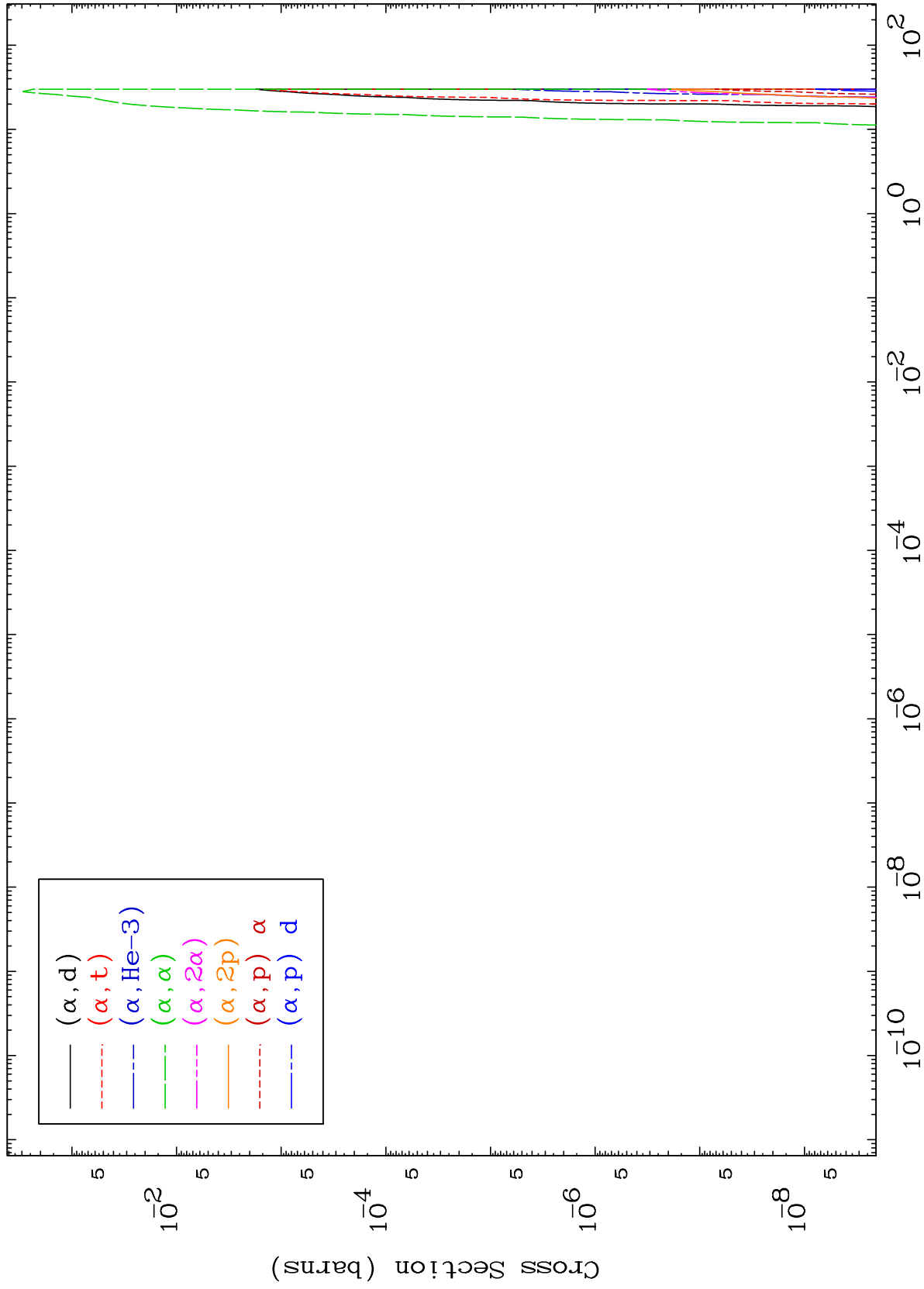
64-Gd-153



MAT 6428

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

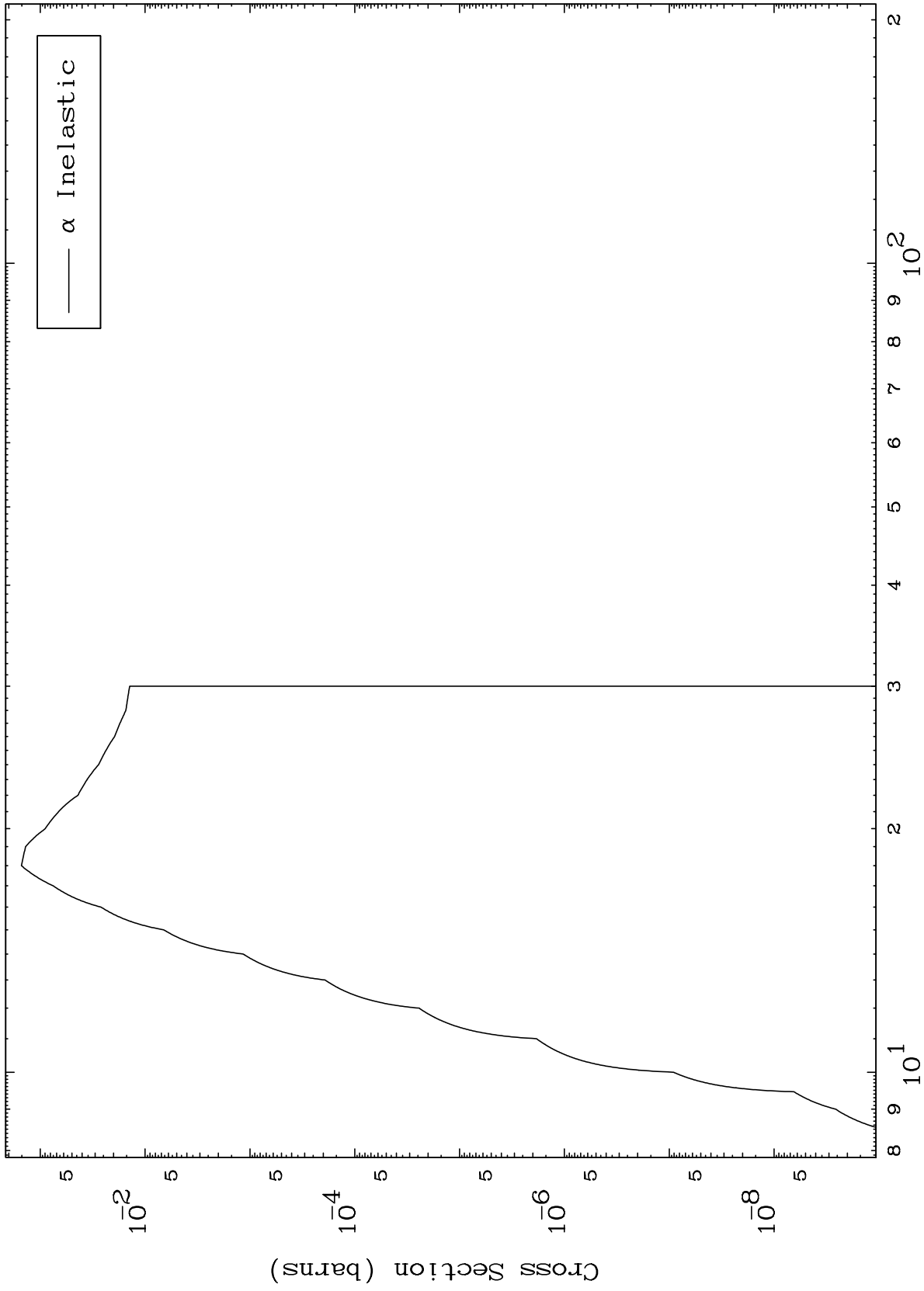
64-Gd-153



MAT 6428

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

64-Gd-153



5

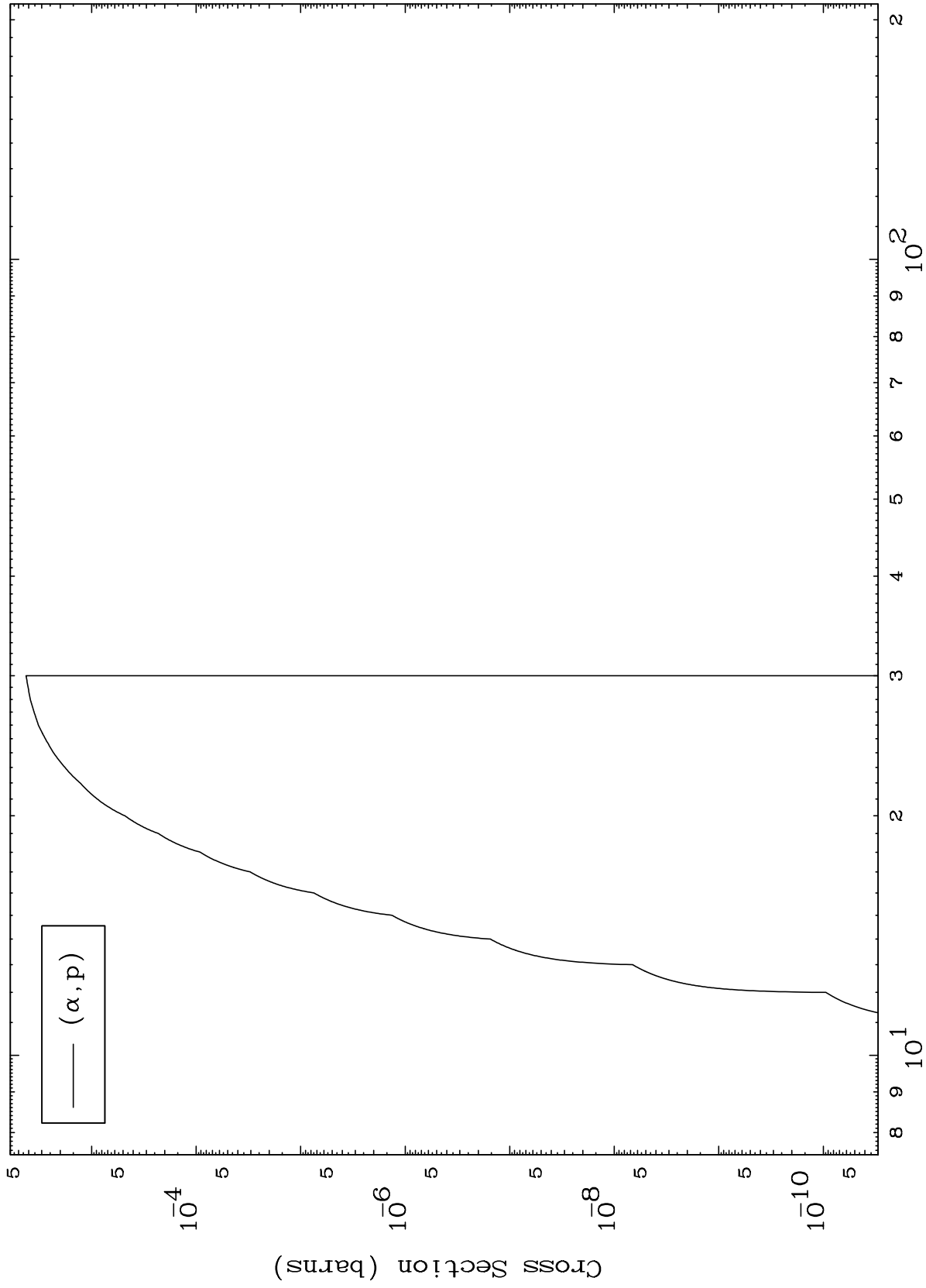
Incident Energy (MeV)

64-Gd-153

MAT 6428

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

64-Gd-153



6

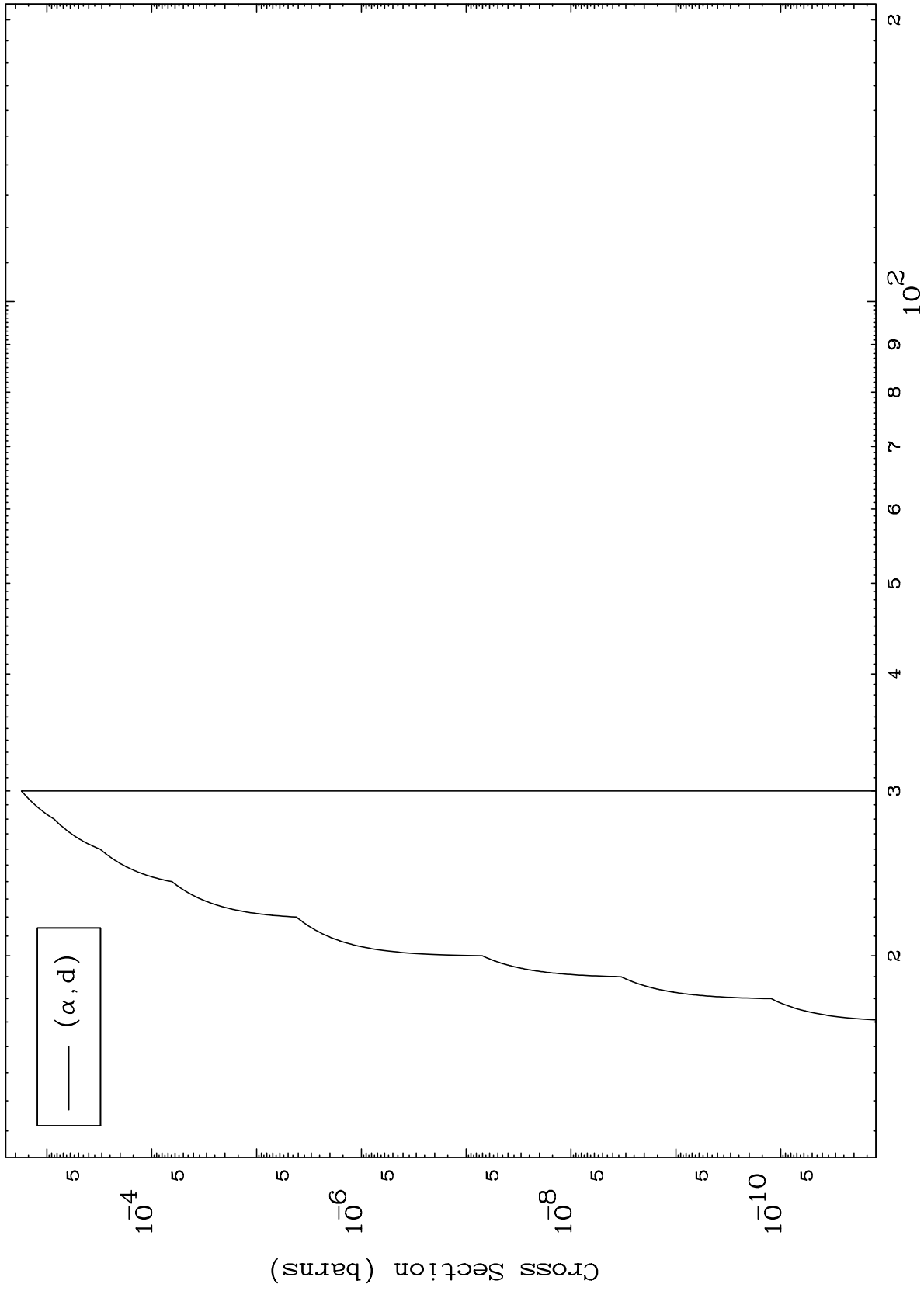
Incident Energy (MeV)

64-Gd-153

MAT 6428

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

64-Gd-153



7

Incident Energy (MeV)

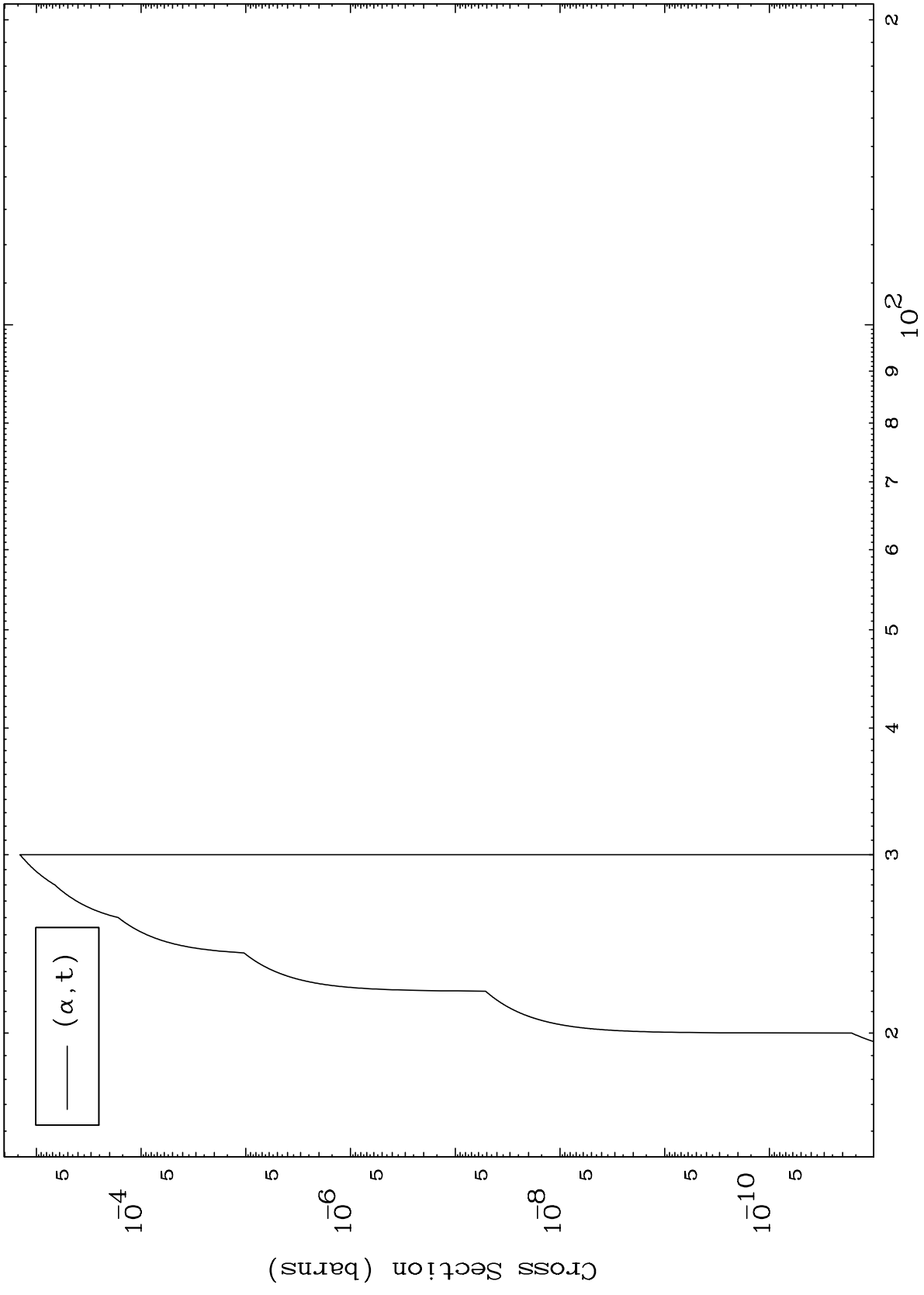
64-Gd-153



MAT 6428

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

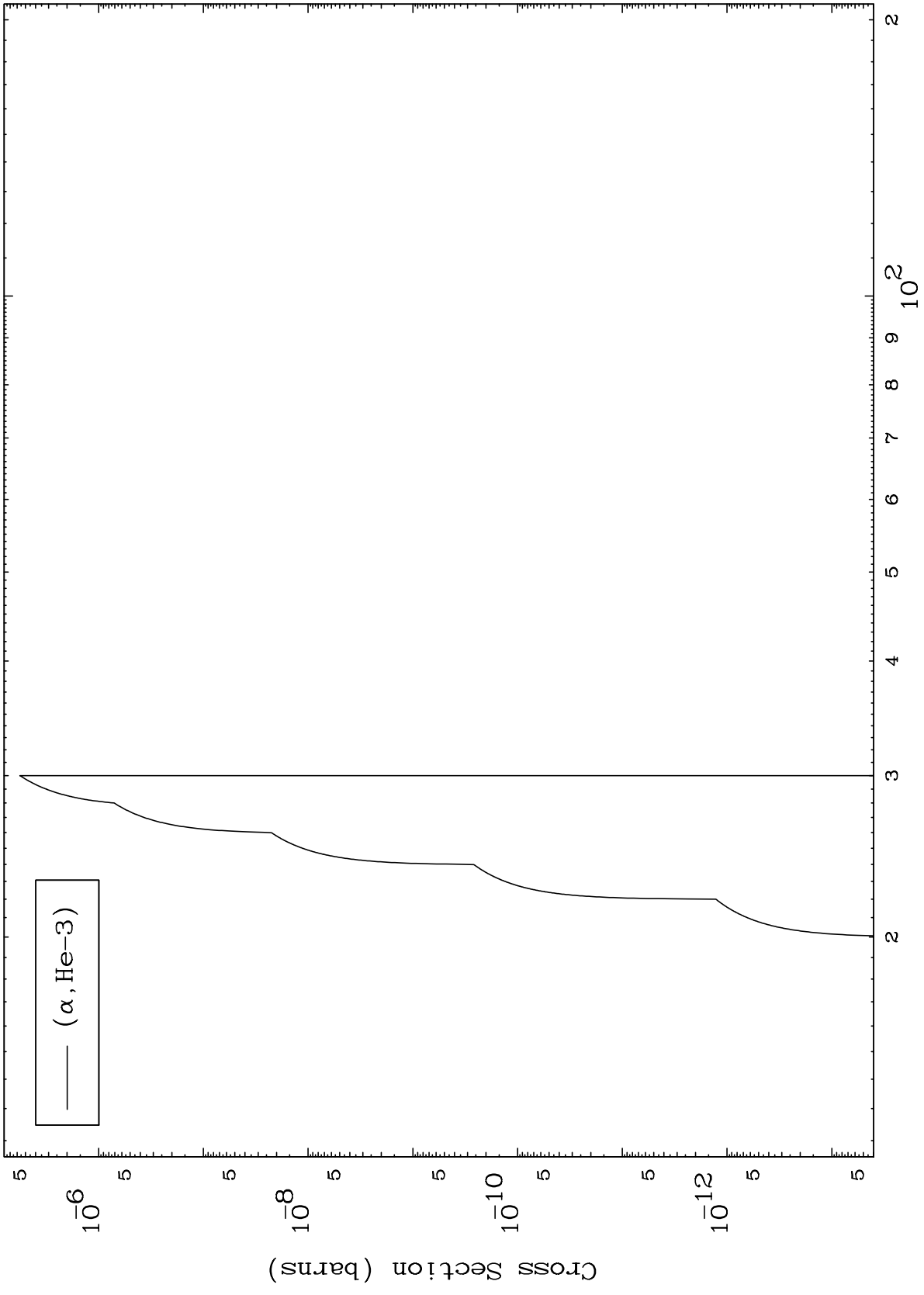
64-Gd-153



8

Incident Energy (MeV)

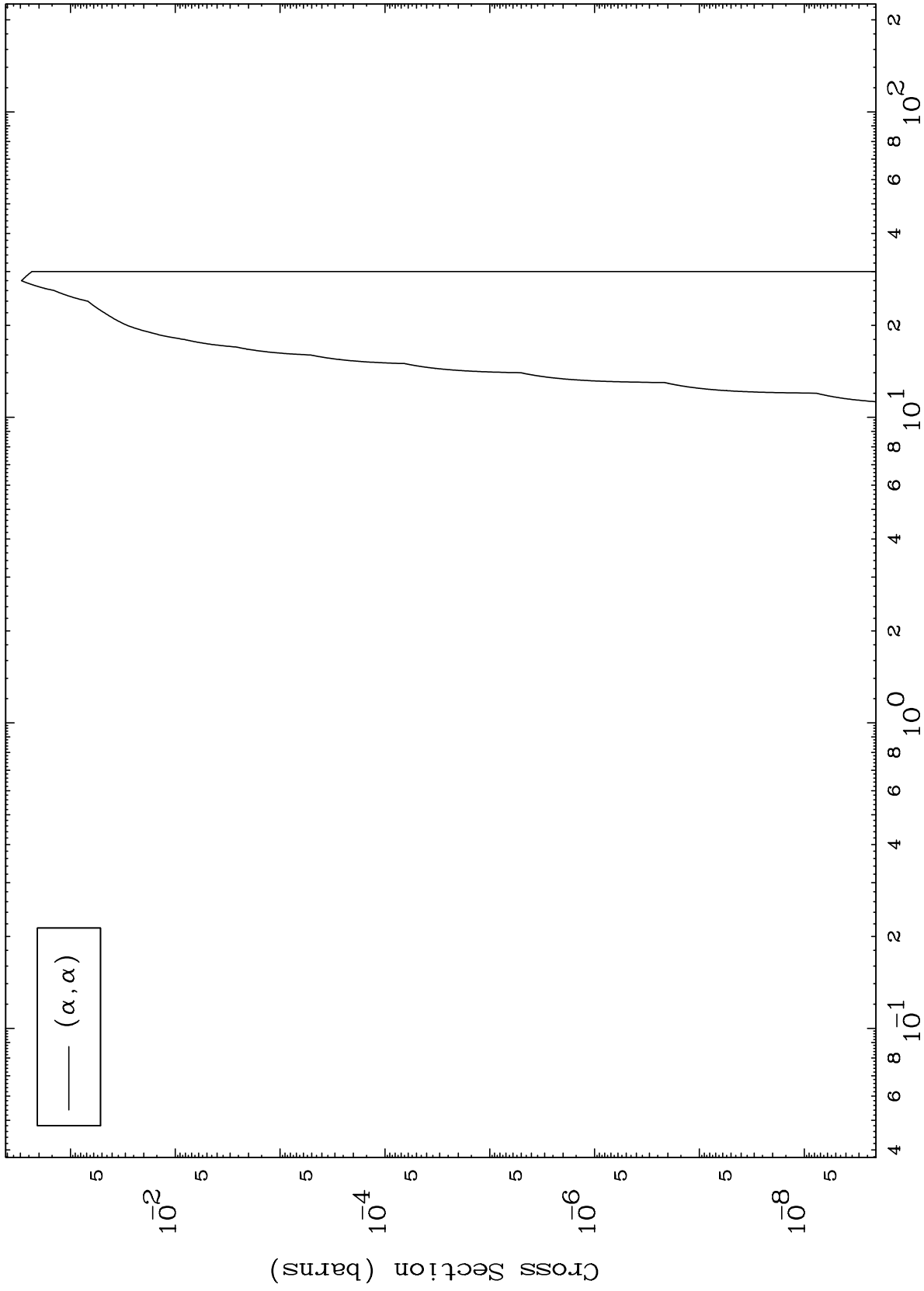
64-Gd-153



MAT 6428

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

64-Gd-153

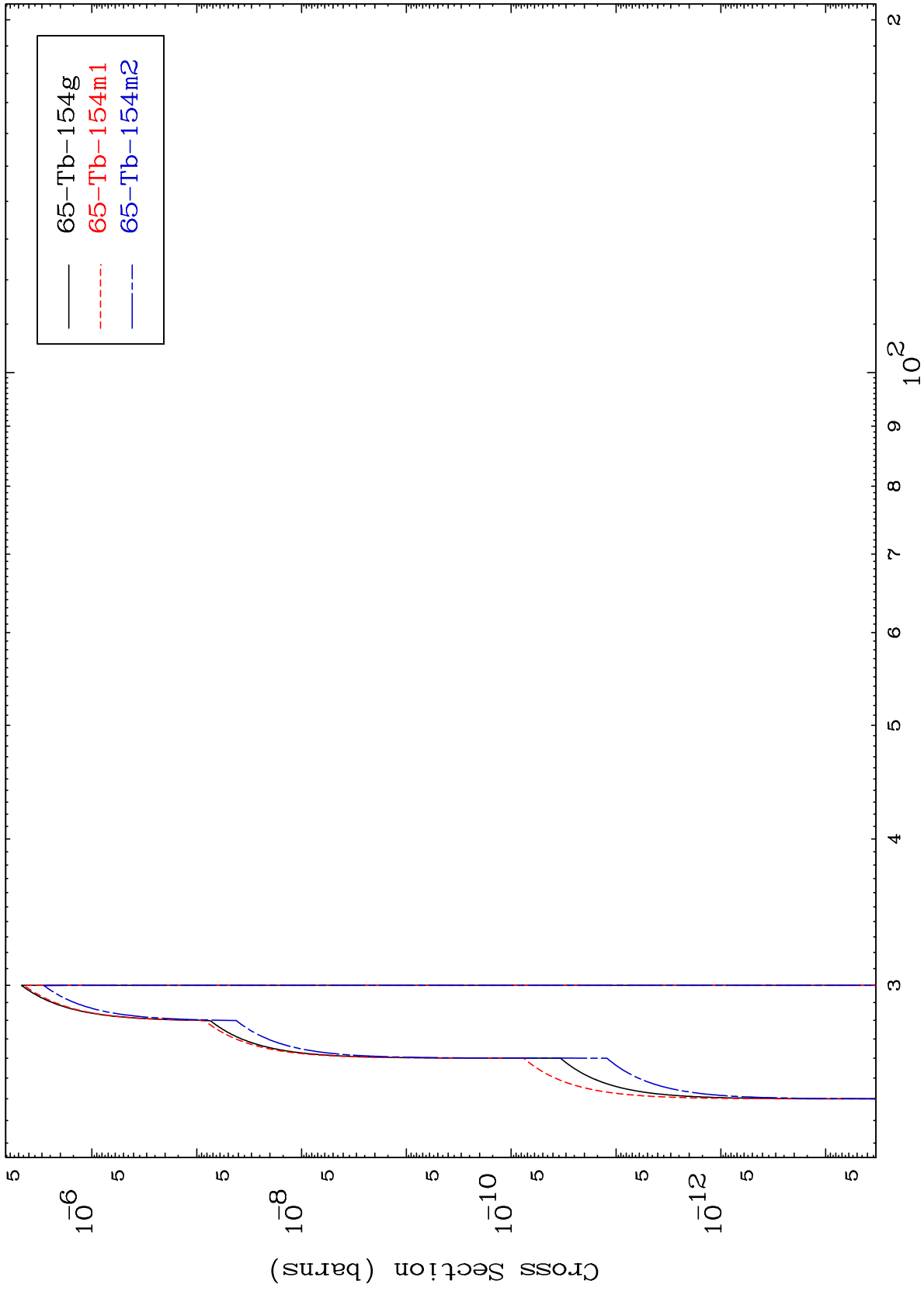


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Incident Energy (MeV)

64-Gd-153

Radionuclide Production Cross Section

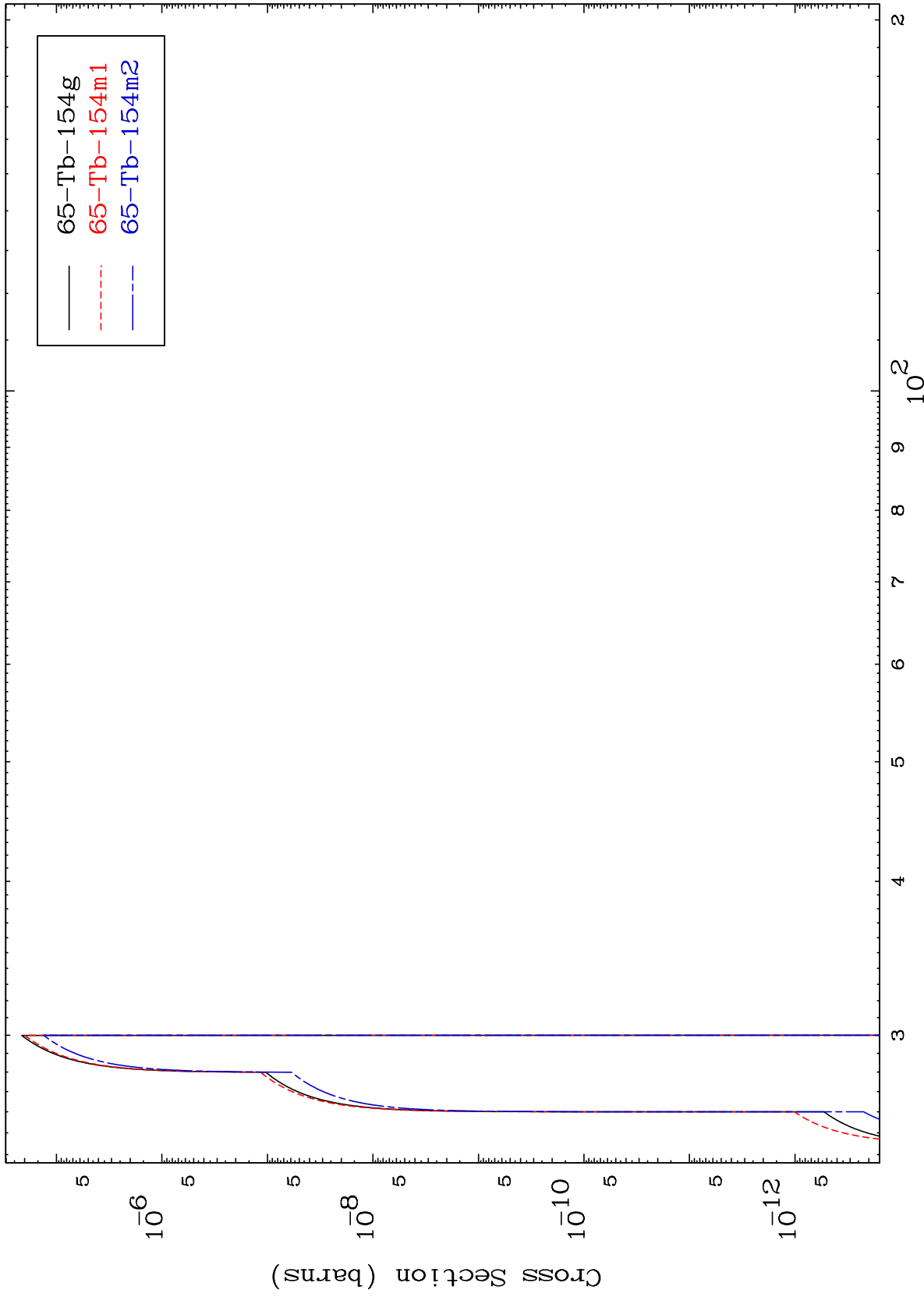


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$(\alpha, 2n)$  p

64-Gd-153

Radionuclide Production Cross Section



12

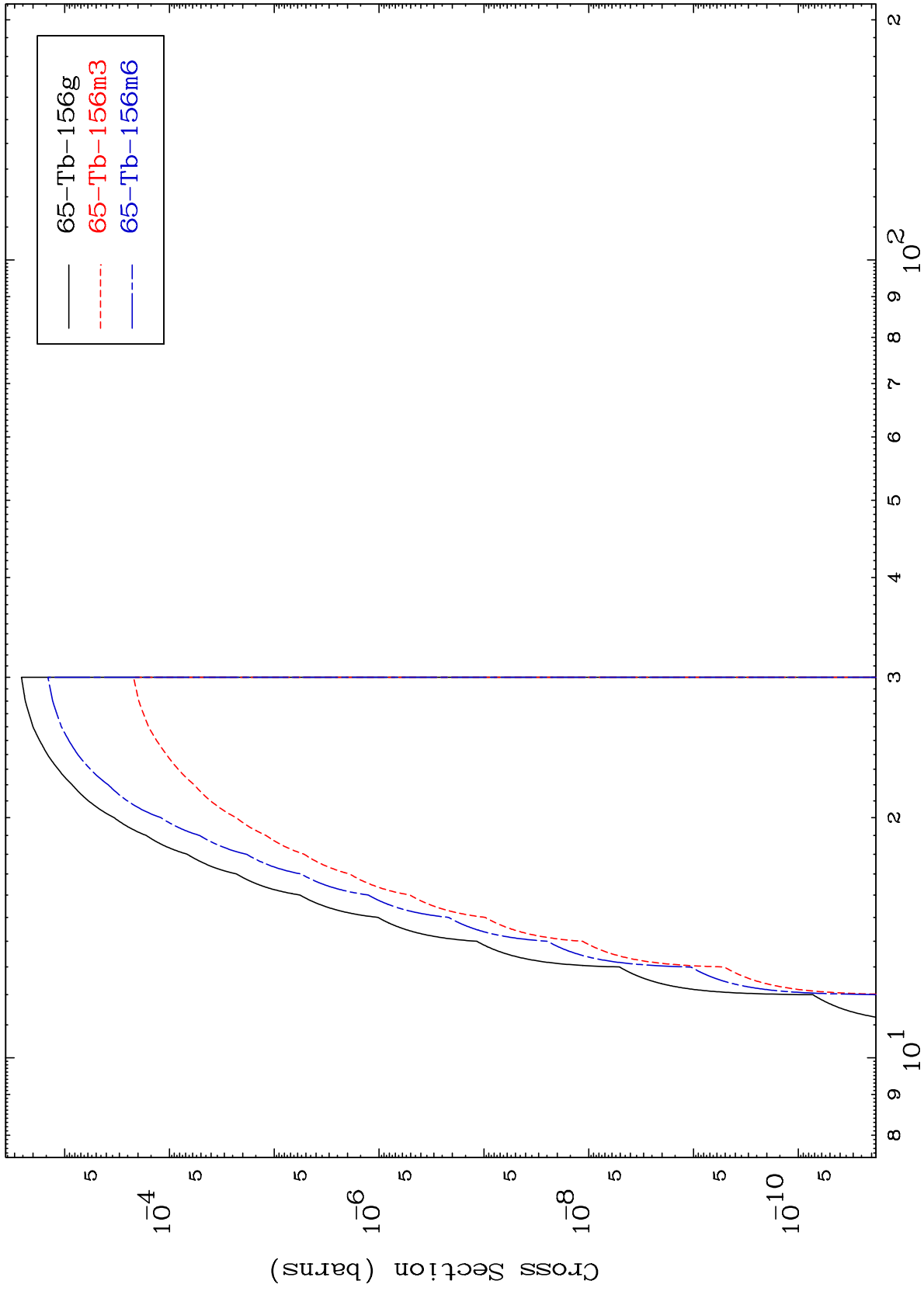
Incident Energy (MeV)

64-Gd-153

MAT 6428

64-Gd-153

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



13

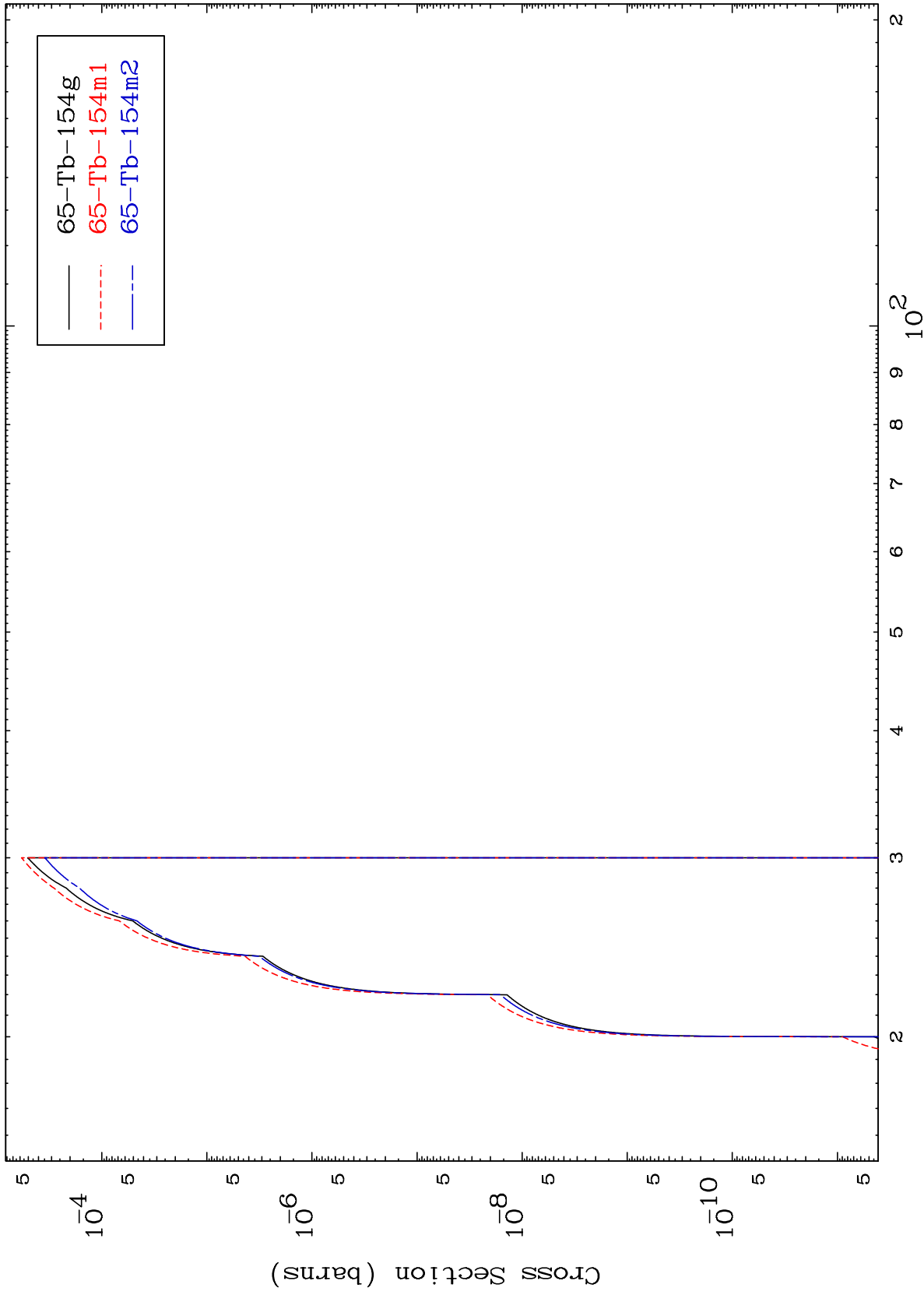
Incident Energy (MeV)

64-Gd-153

MAT 6428

64-Gd-153

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



14

Incident Energy (MeV)

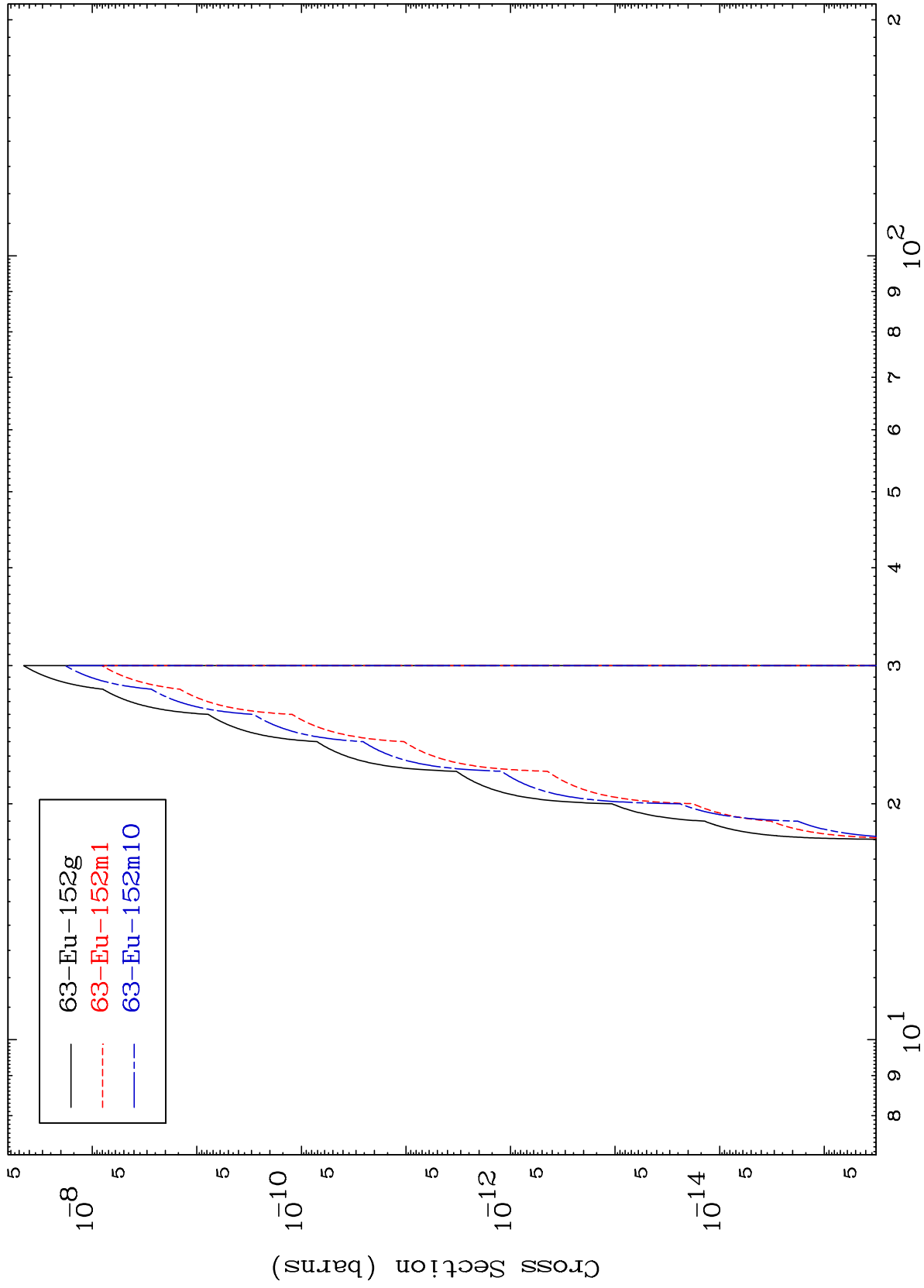
64-Gd-153

MAT 6428

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

64-Gd-153

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-153