

Program EVALPLOT  
(Version 2018-1)

by

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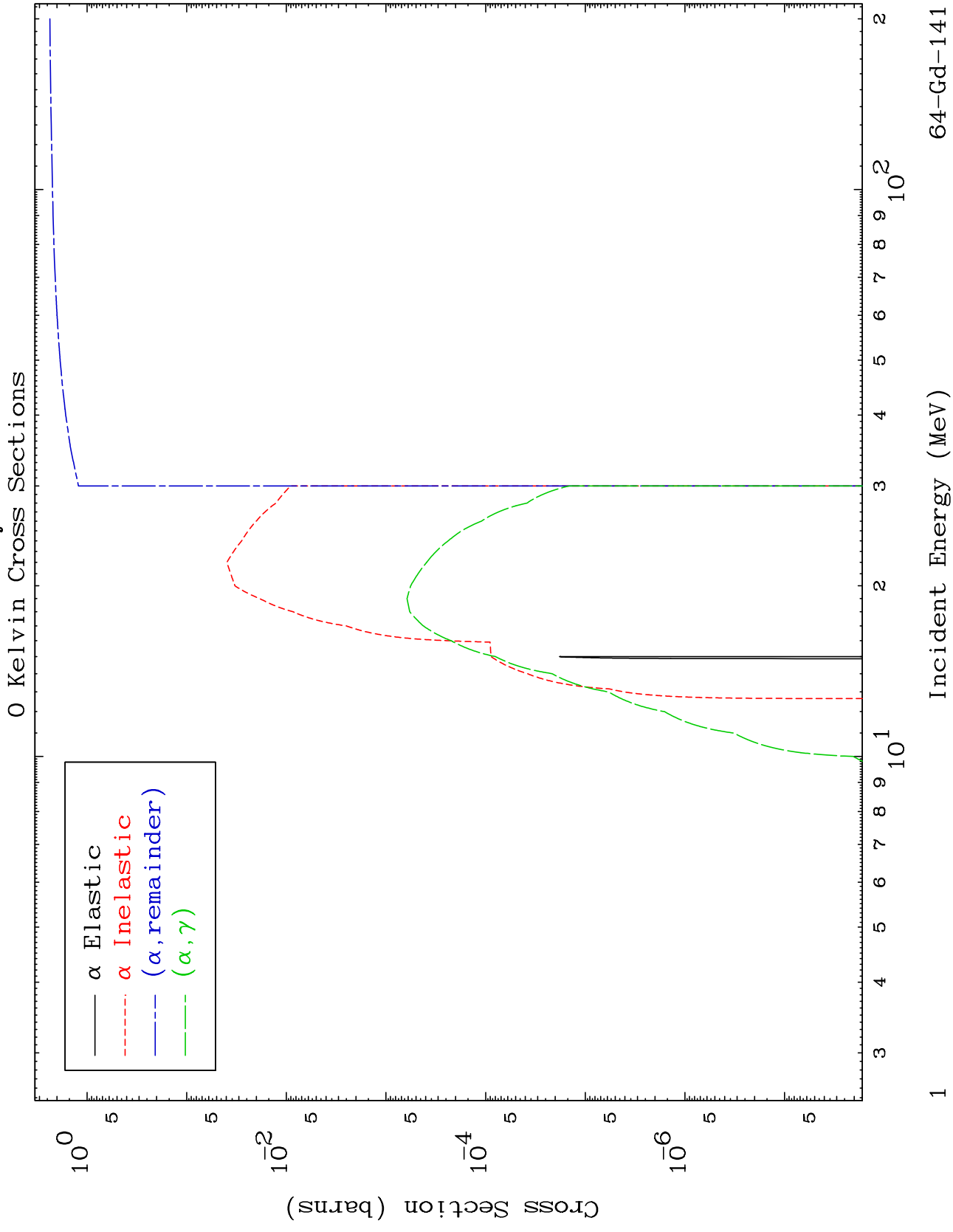
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6392

0 Kelvin  $\alpha$  Major

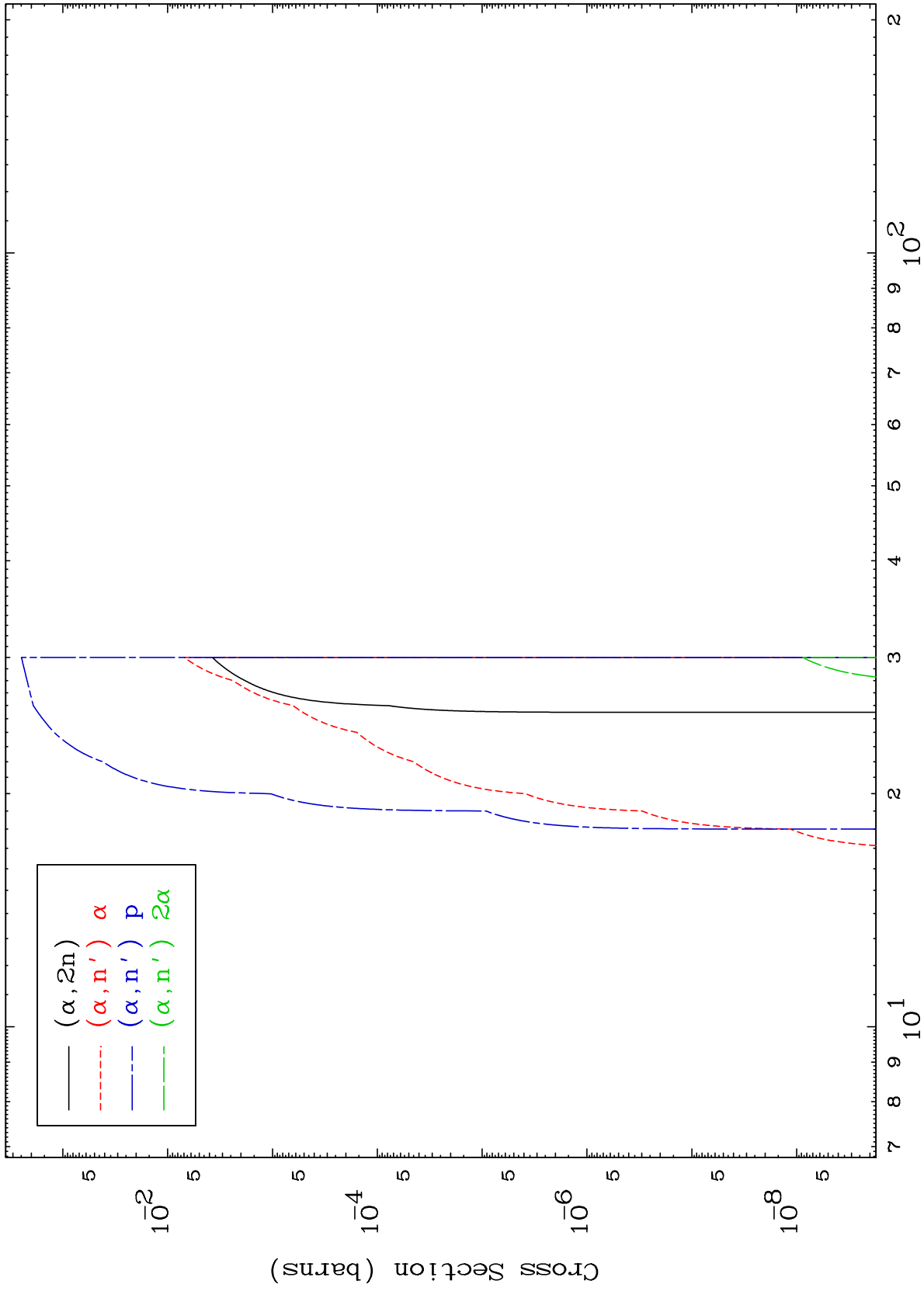
64-Gd-141



MAT 6392

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

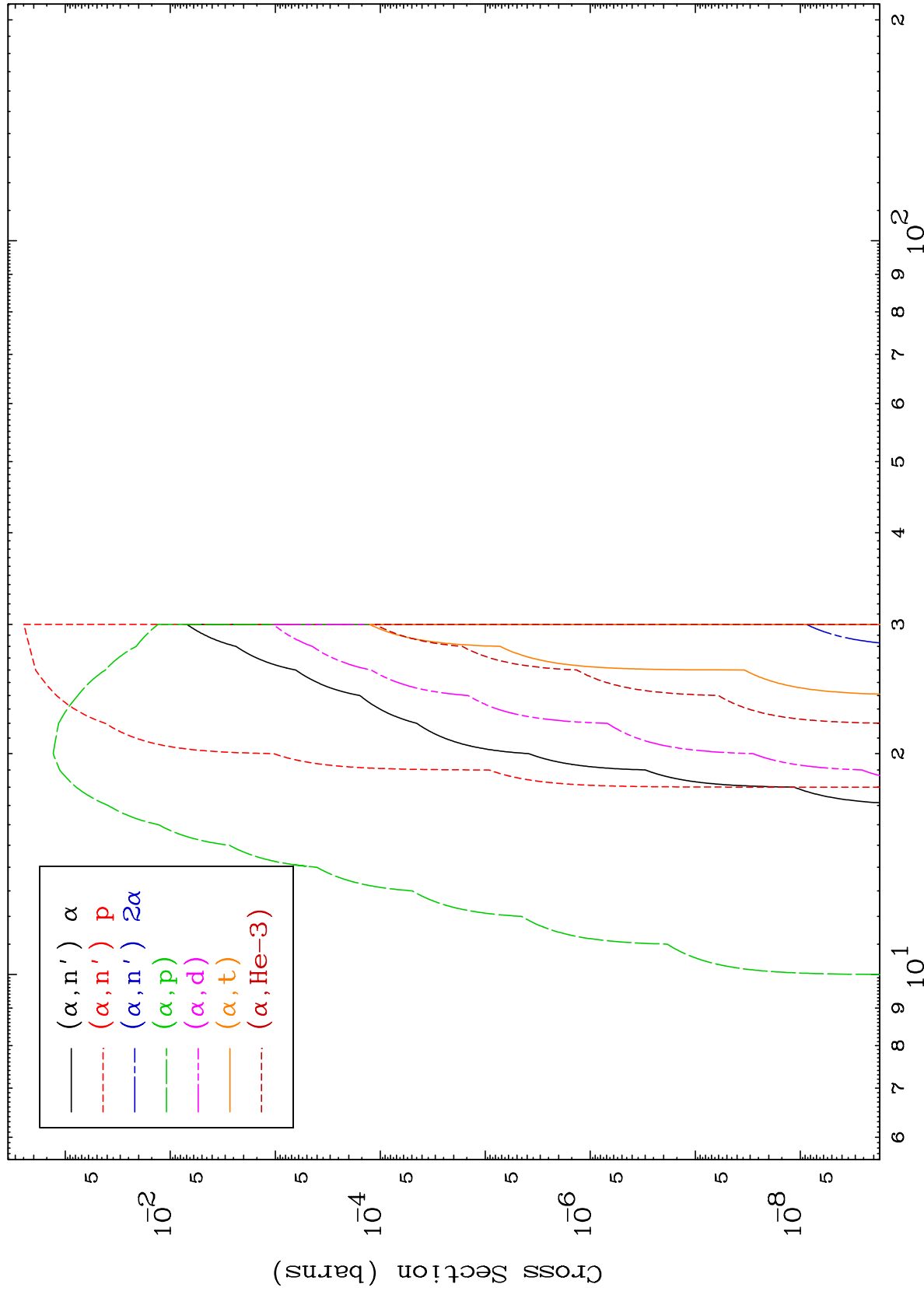
64-Gd-141



2

Incident Energy (MeV)

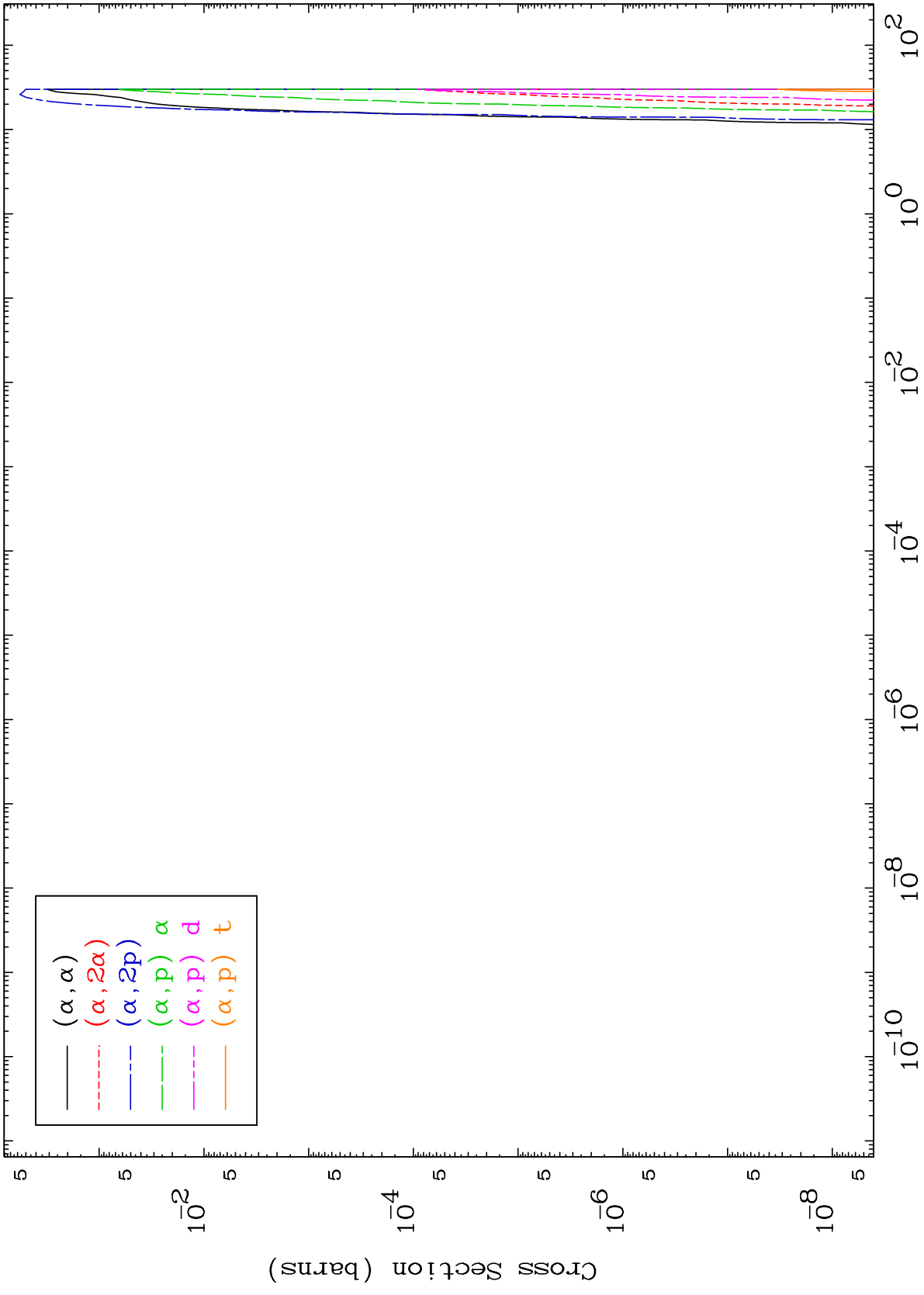
64-Gd-141



MAT 6392

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

64-Gd-141

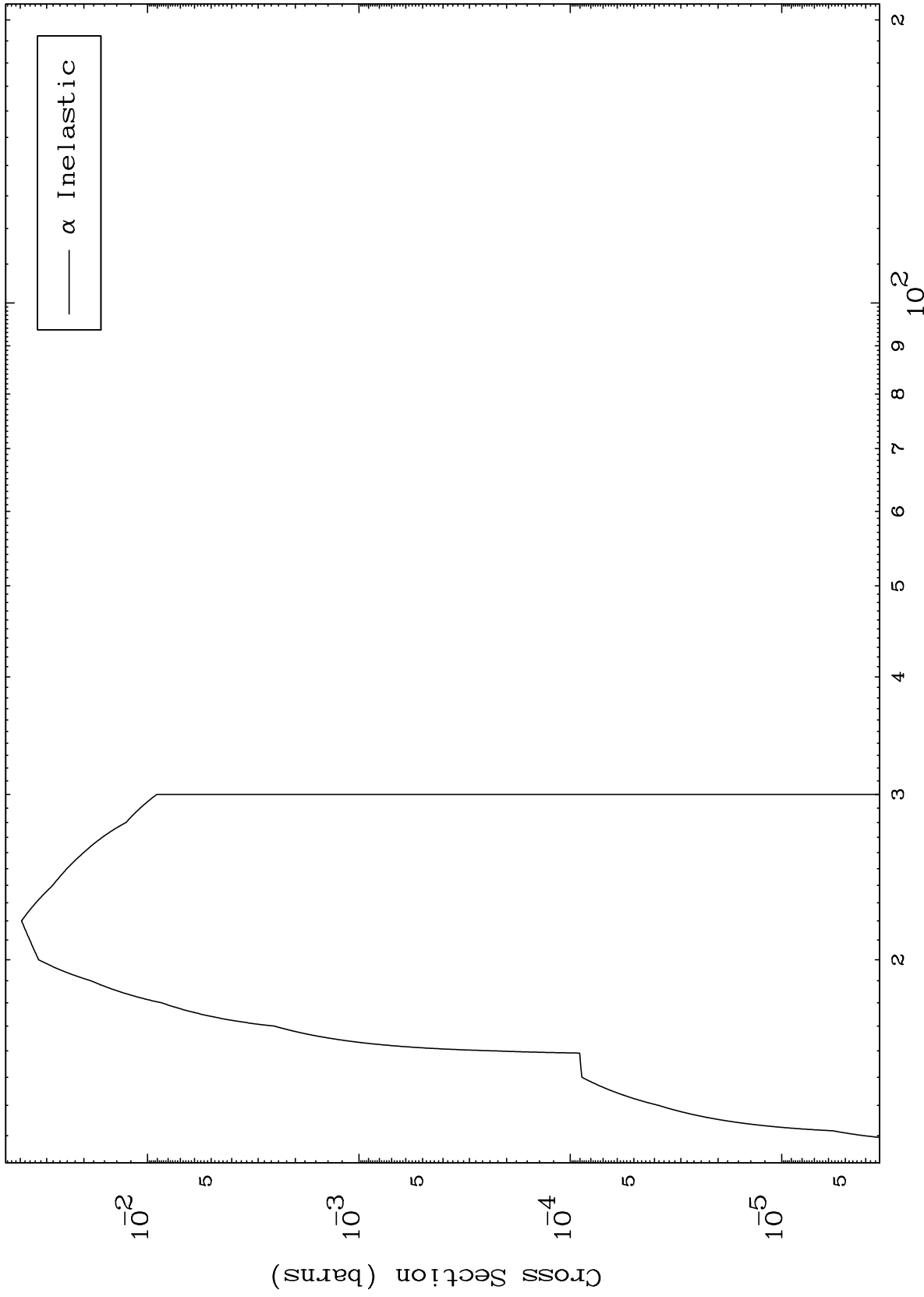


64-Gd-141

MAT 6392

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

64-Gd-141



5

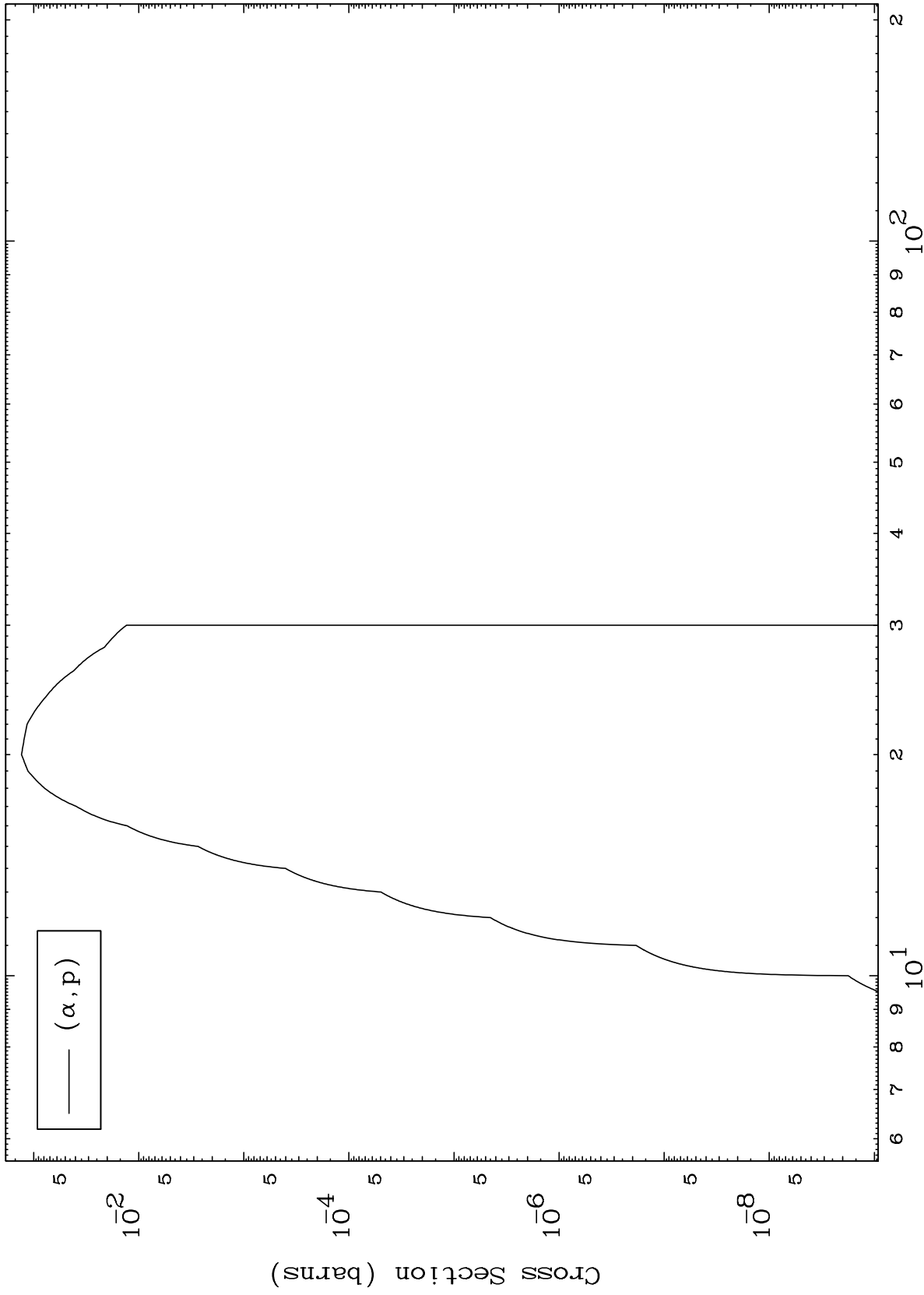
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



6

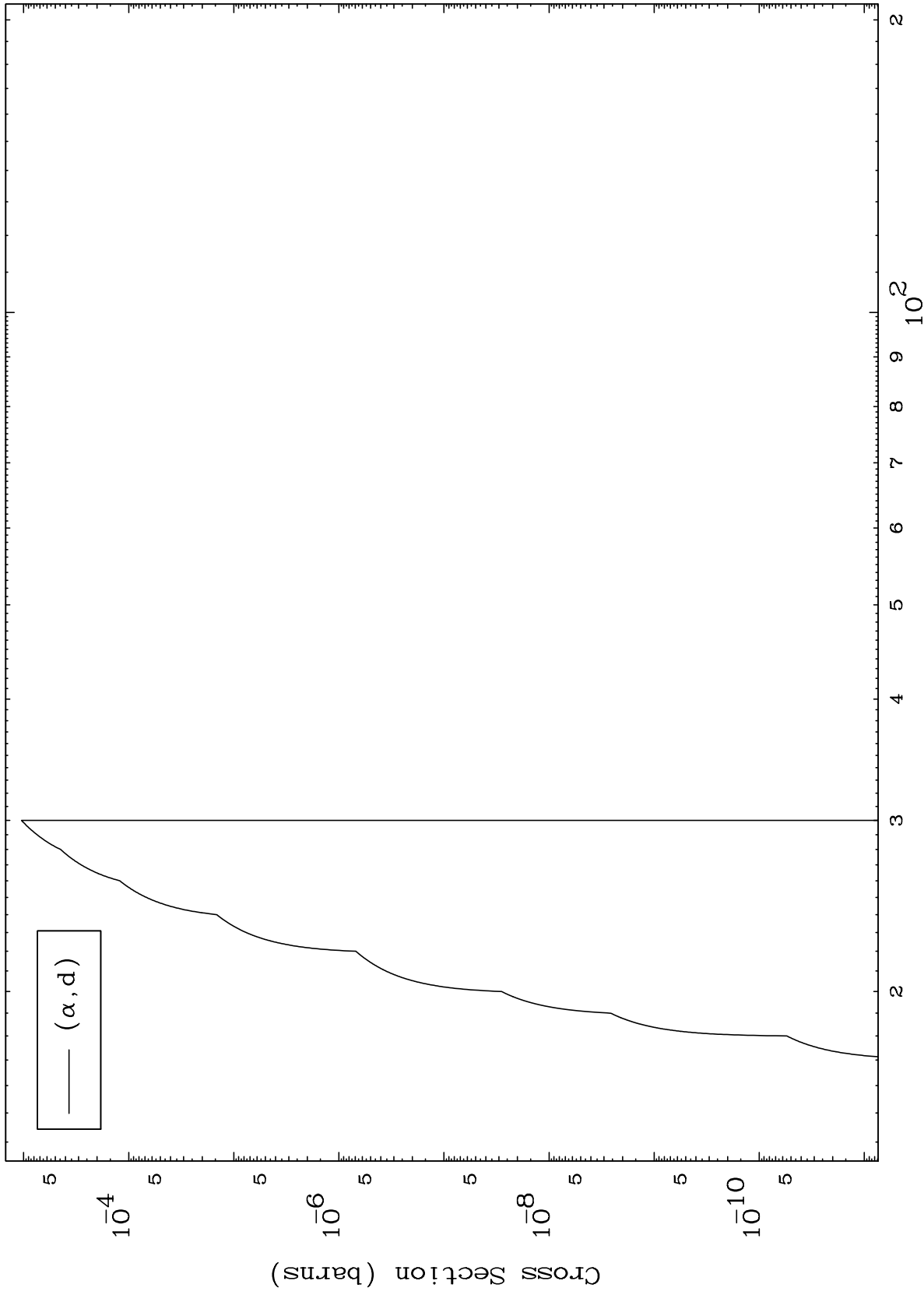
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



7

Incident Energy (MeV)

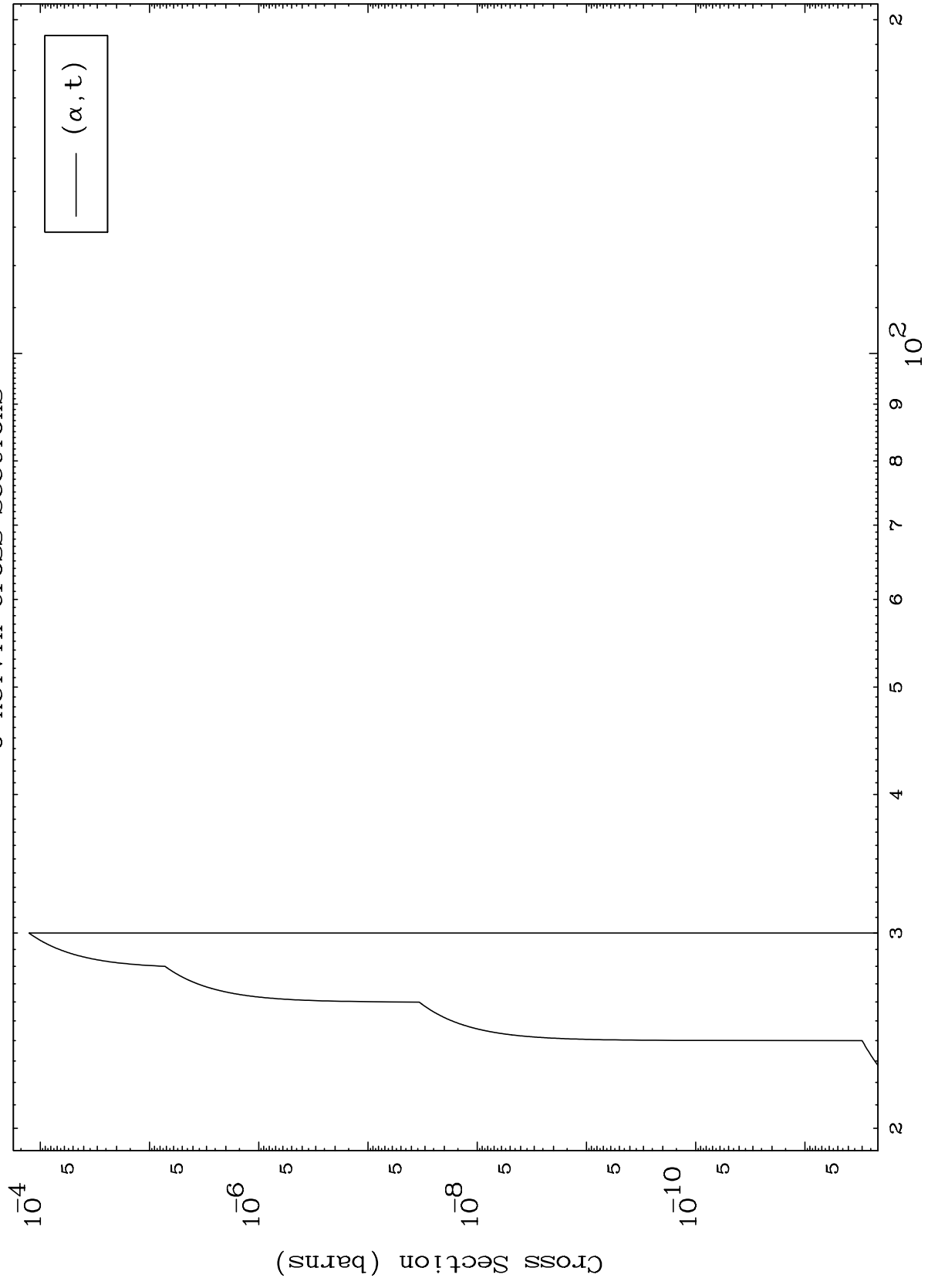
64-Gd-141



MAT 6392

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

64-Gd-141



8

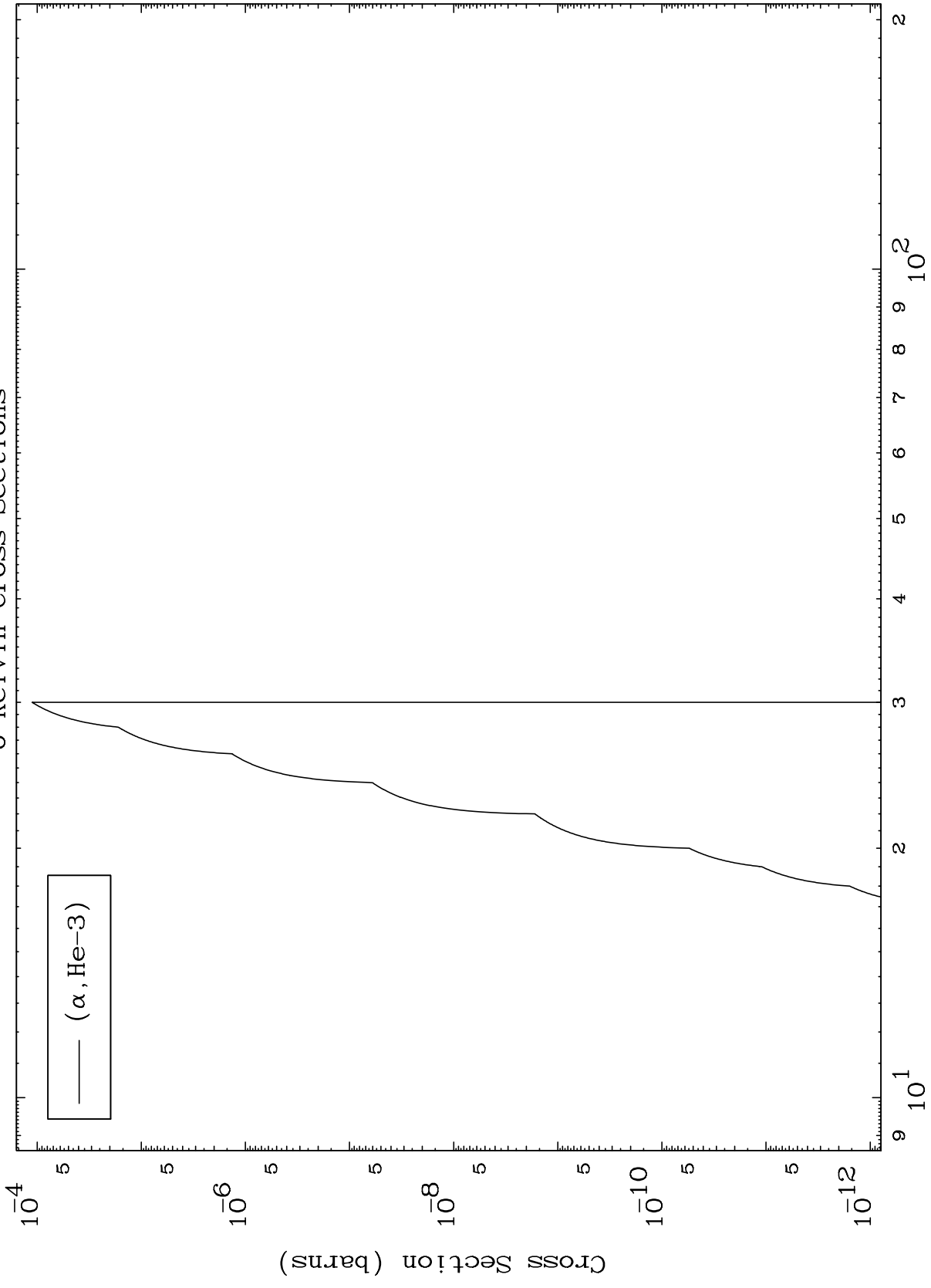
Incident Energy (MeV)

64-Gd-141

MAT 6392

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

64-Gd-141



9

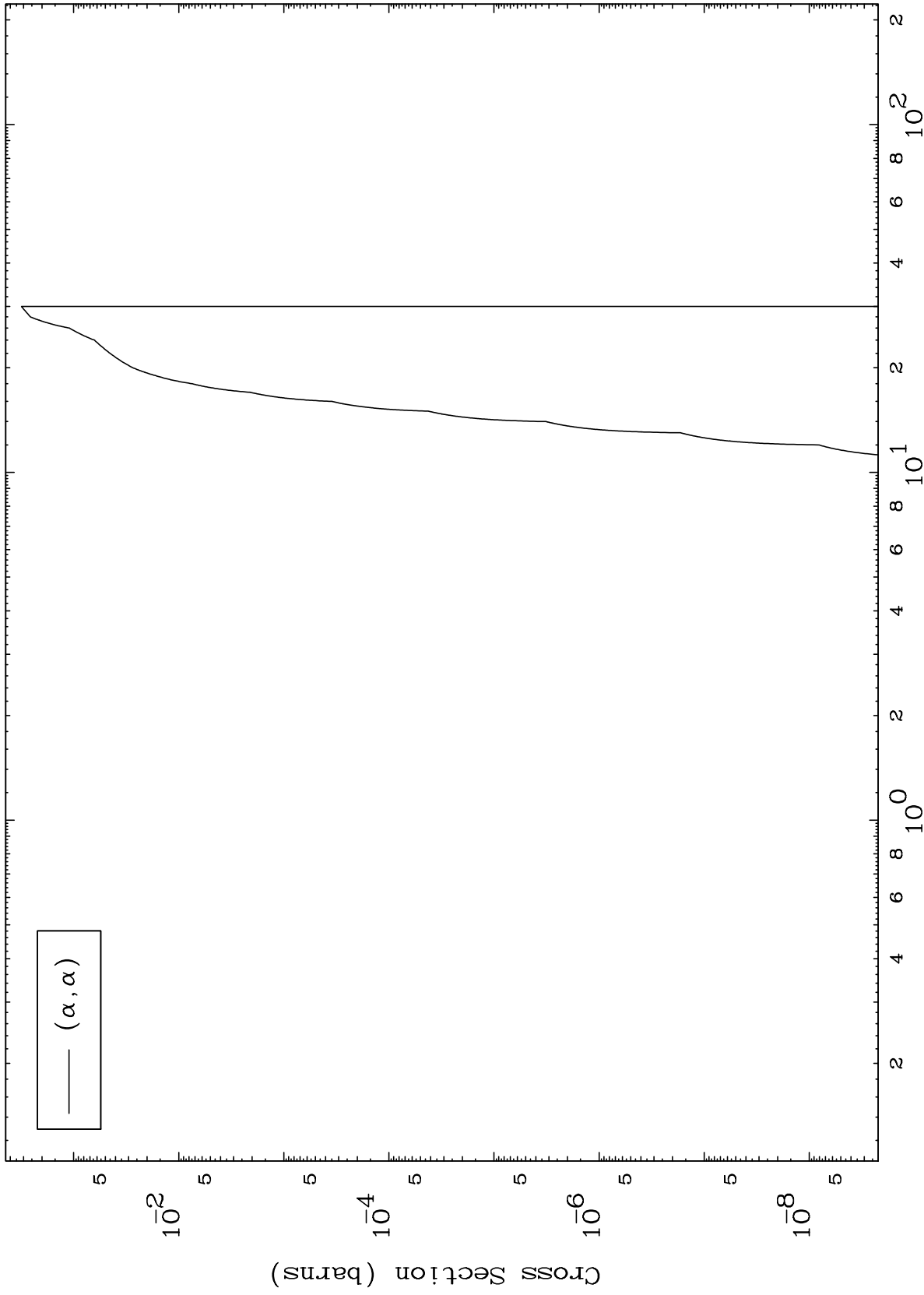
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



10

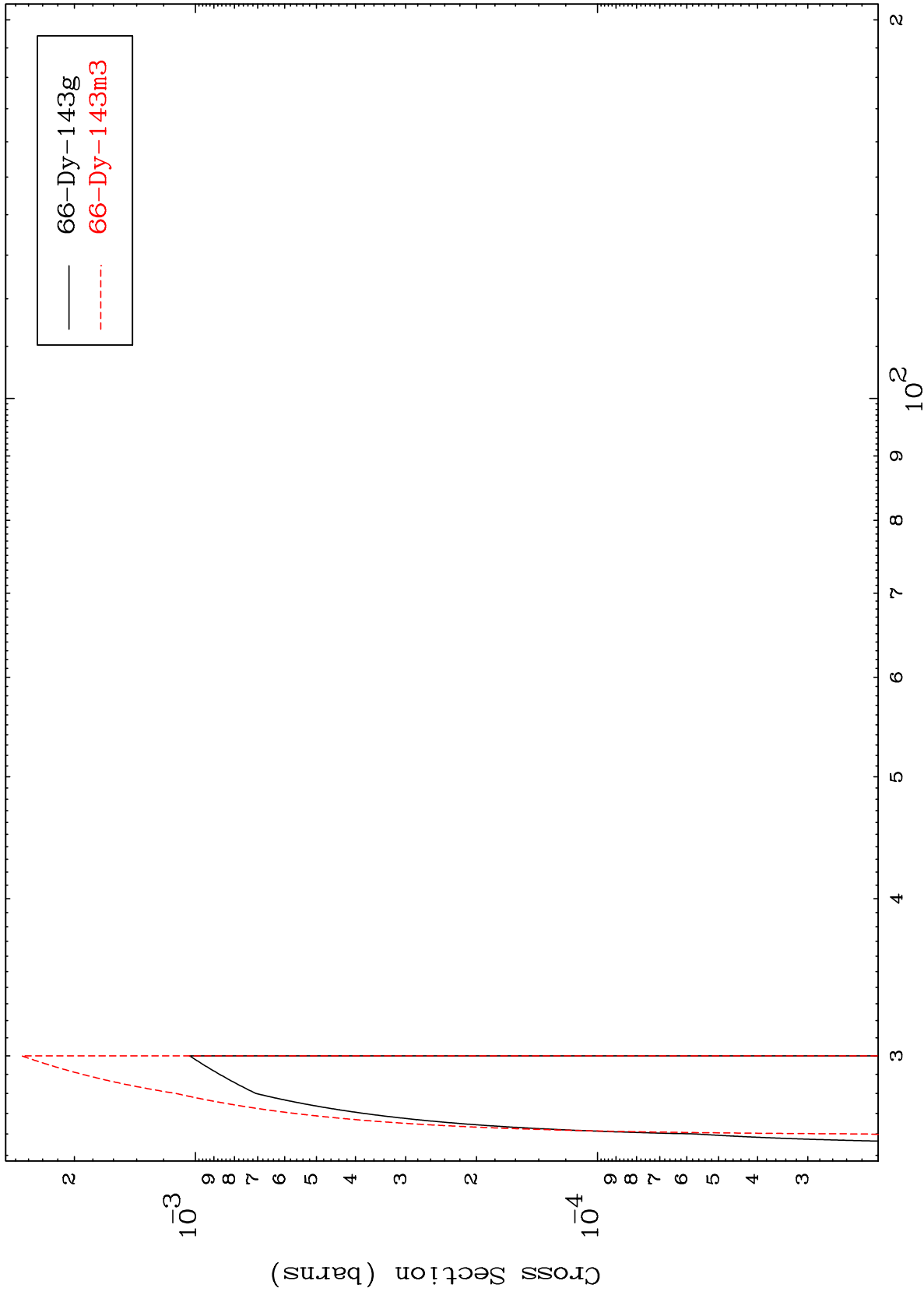
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

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



11

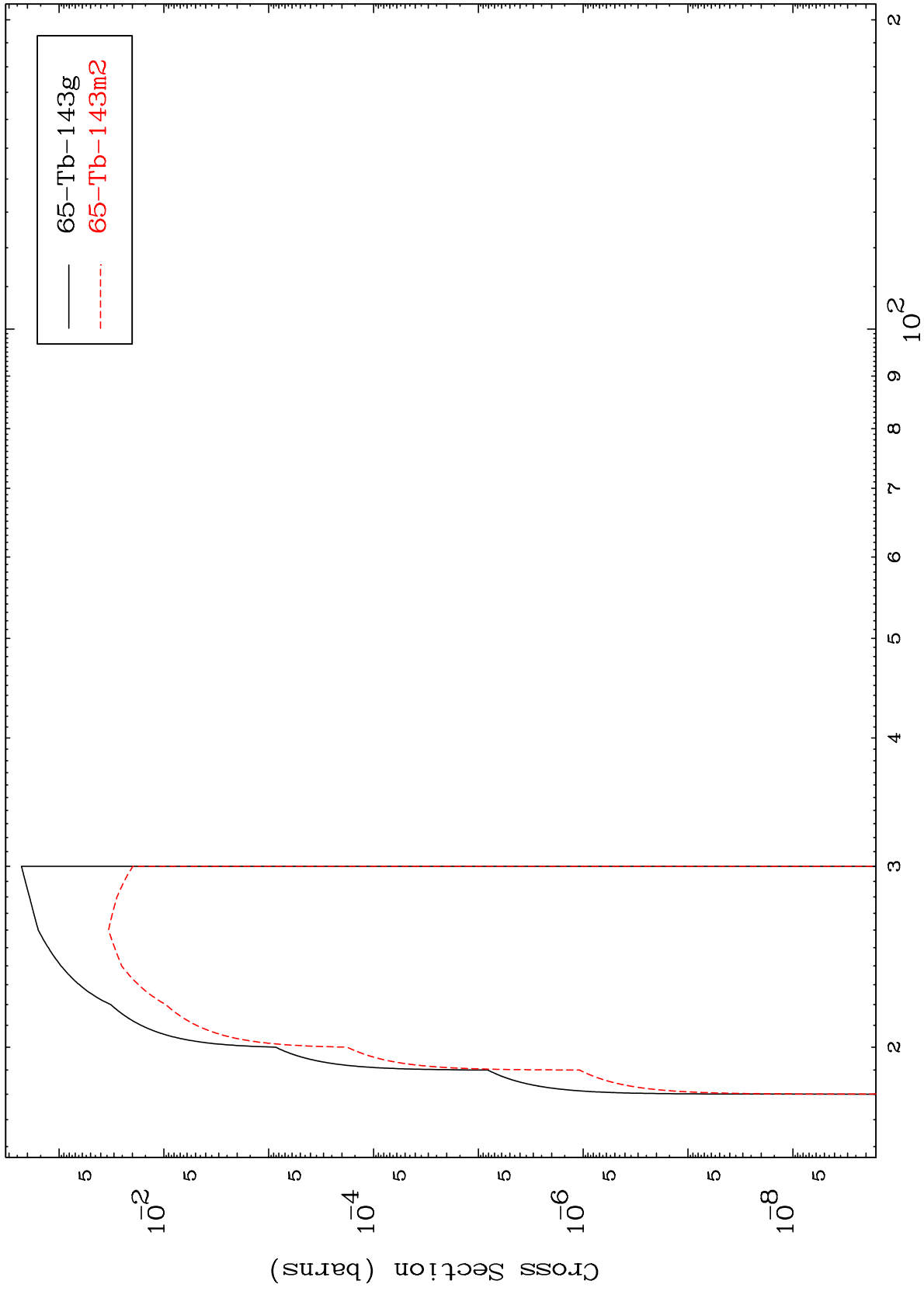
64-Gd-141

MAT 6392

$(\alpha, n')$  p

64-Gd-141

Radionuclide Production Cross Section



12

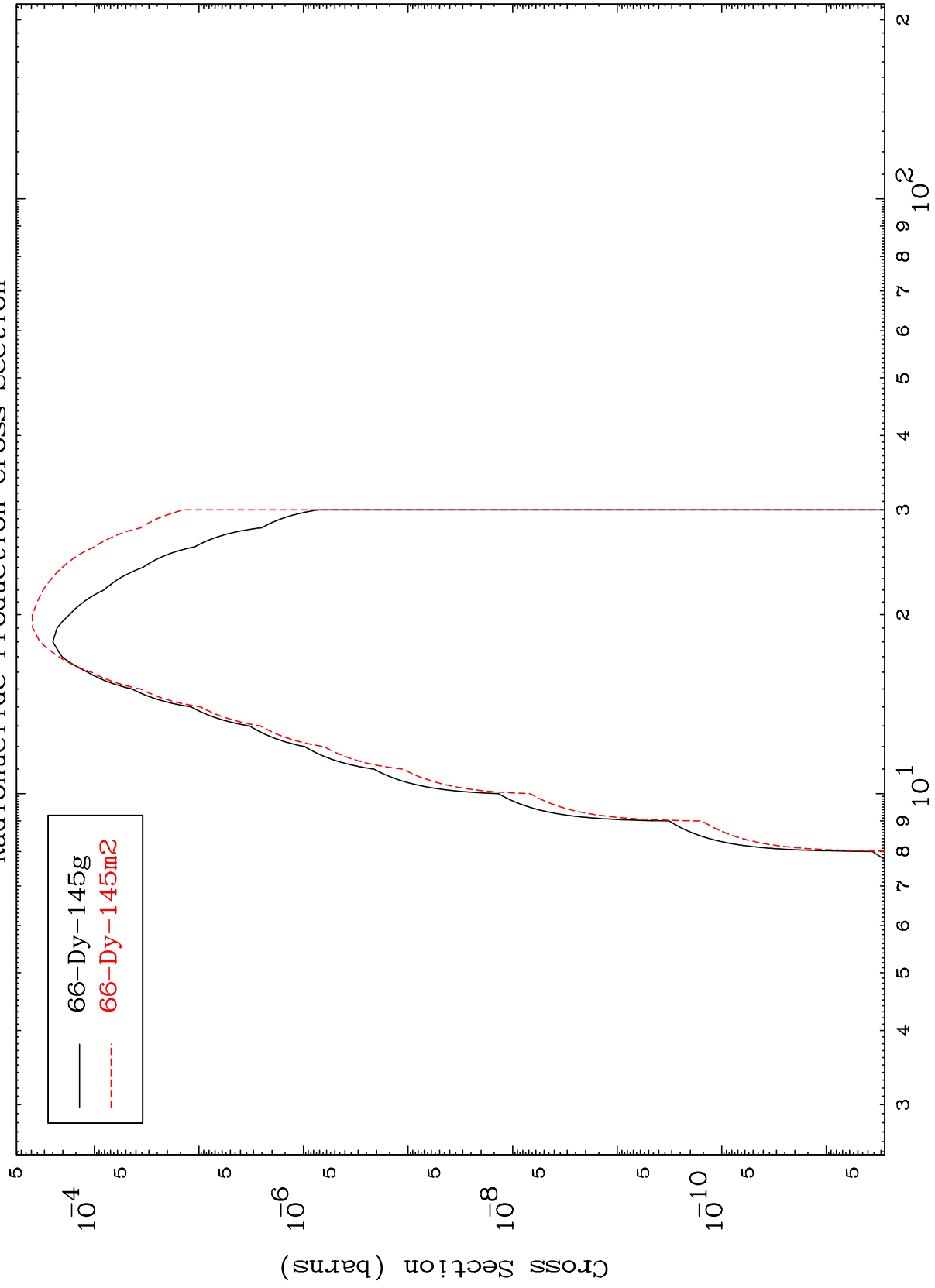
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

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



13

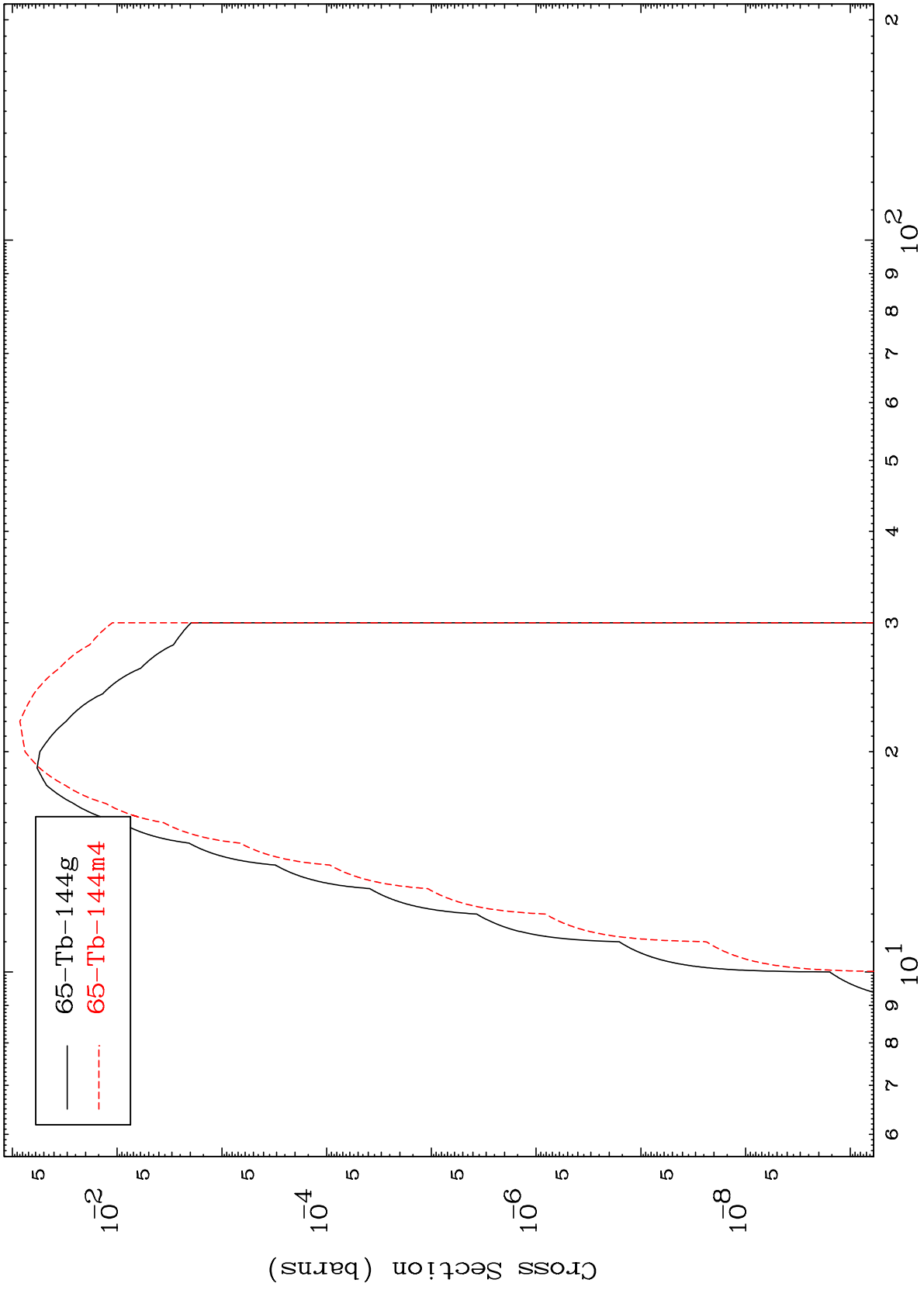
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

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



14

Incident Energy (MeV)

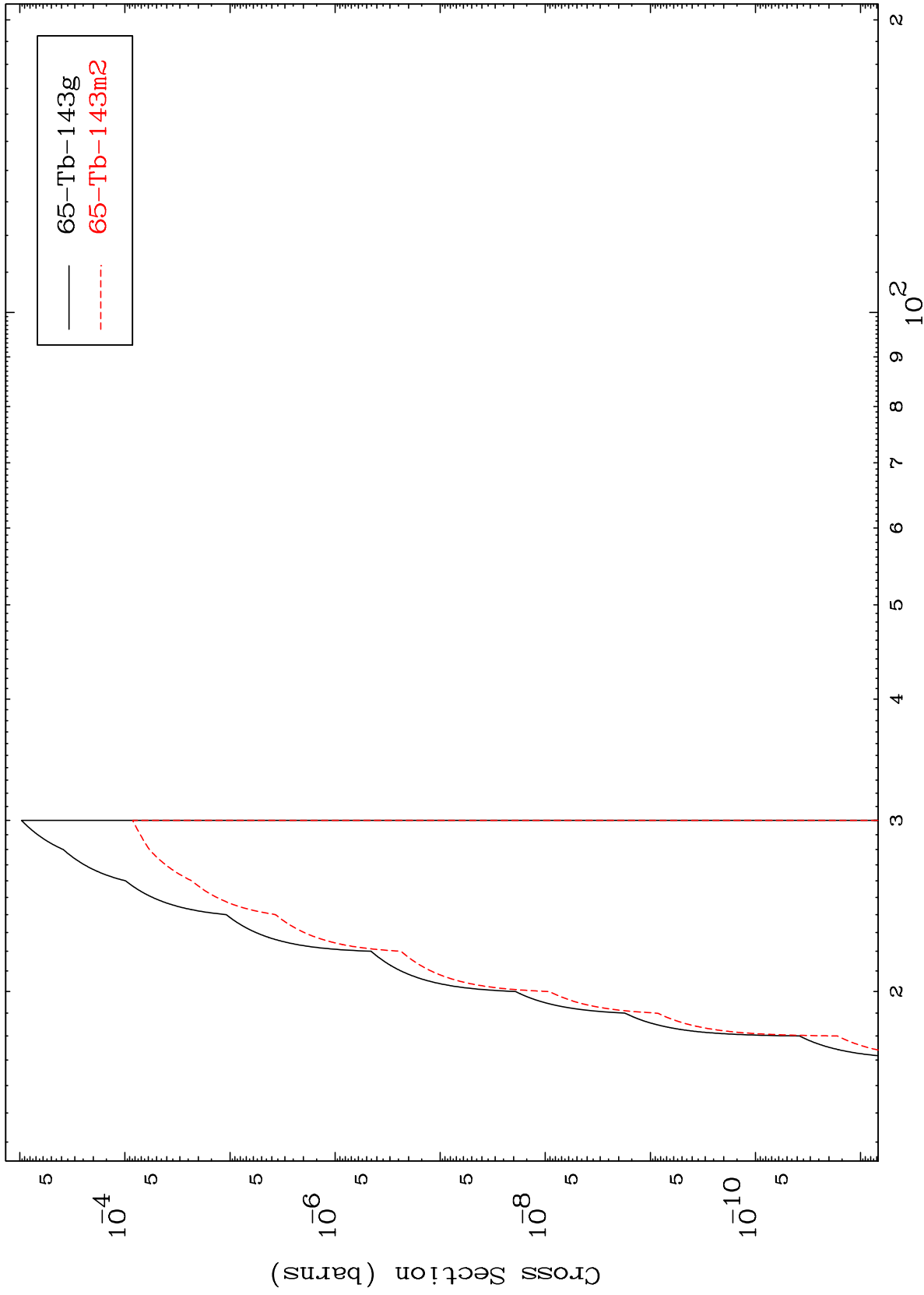
64-Gd-141

MAT 6392

( $\alpha, d$ )

64-Gd-141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

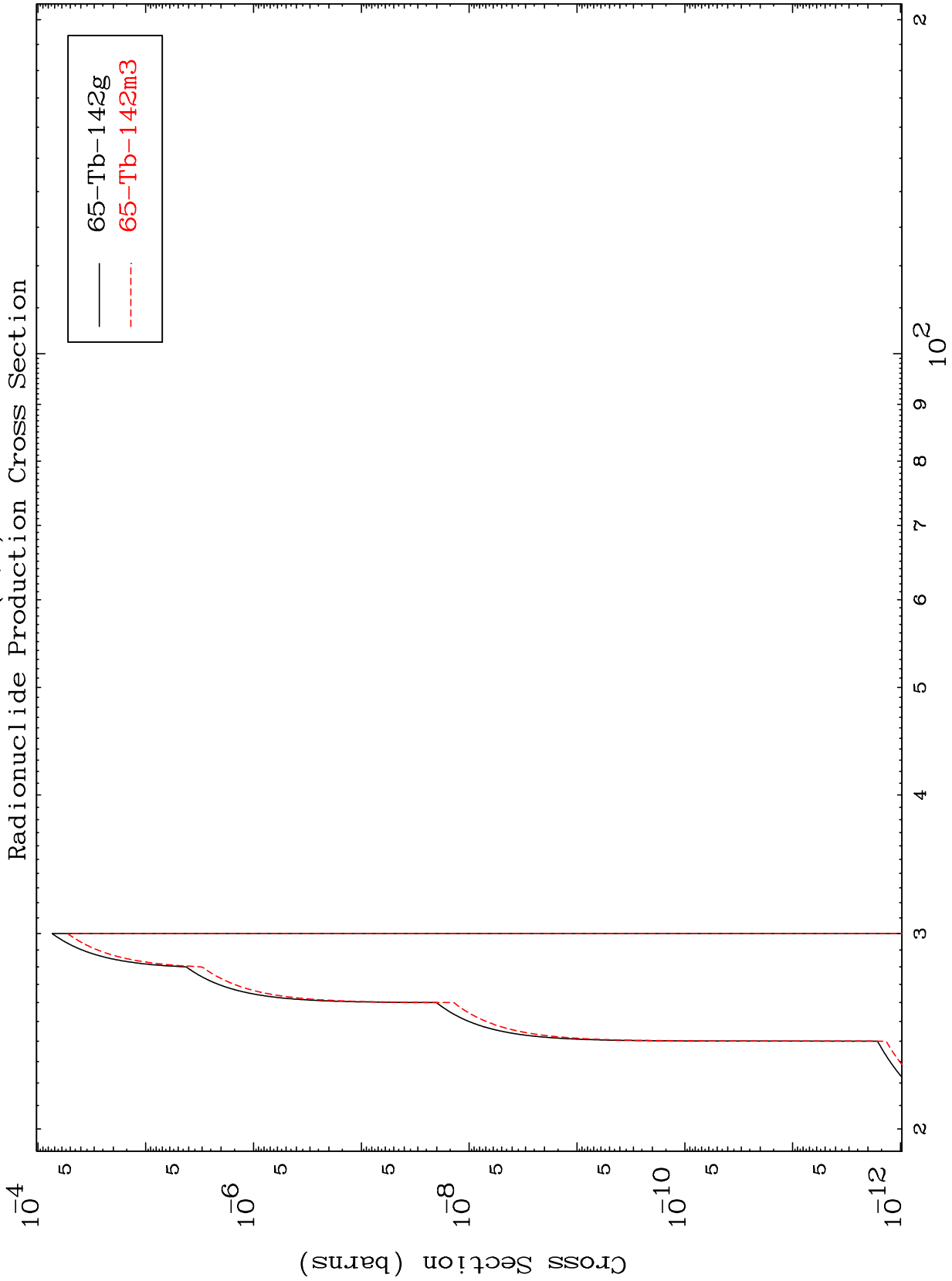
64-Gd-141



MAT 6392

64-Gd-141

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



16

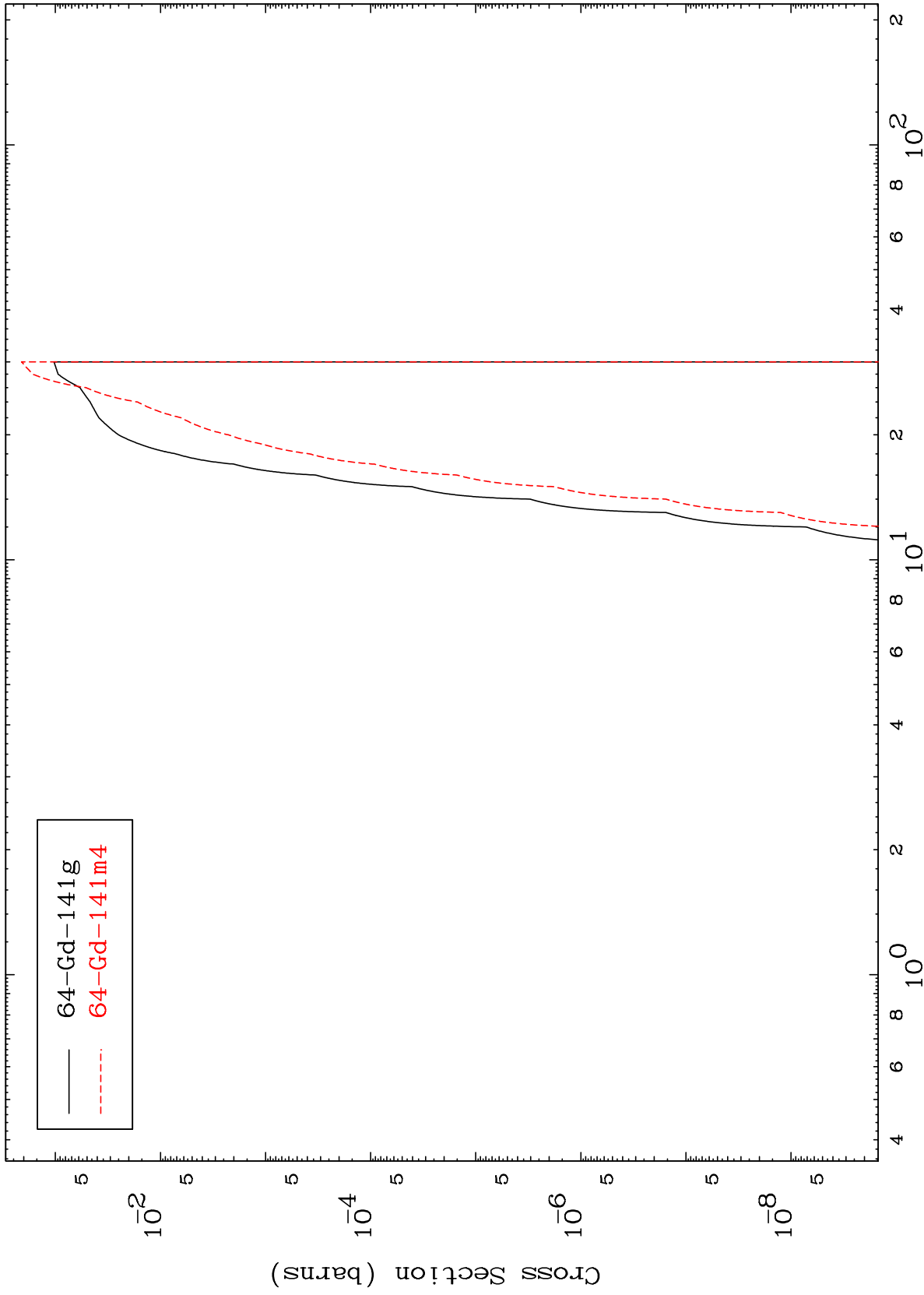
64-Gd-141

MAT 6392

( $\alpha, \alpha$ )

64-Gd-141

Radionuclide Production Cross Section



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

17

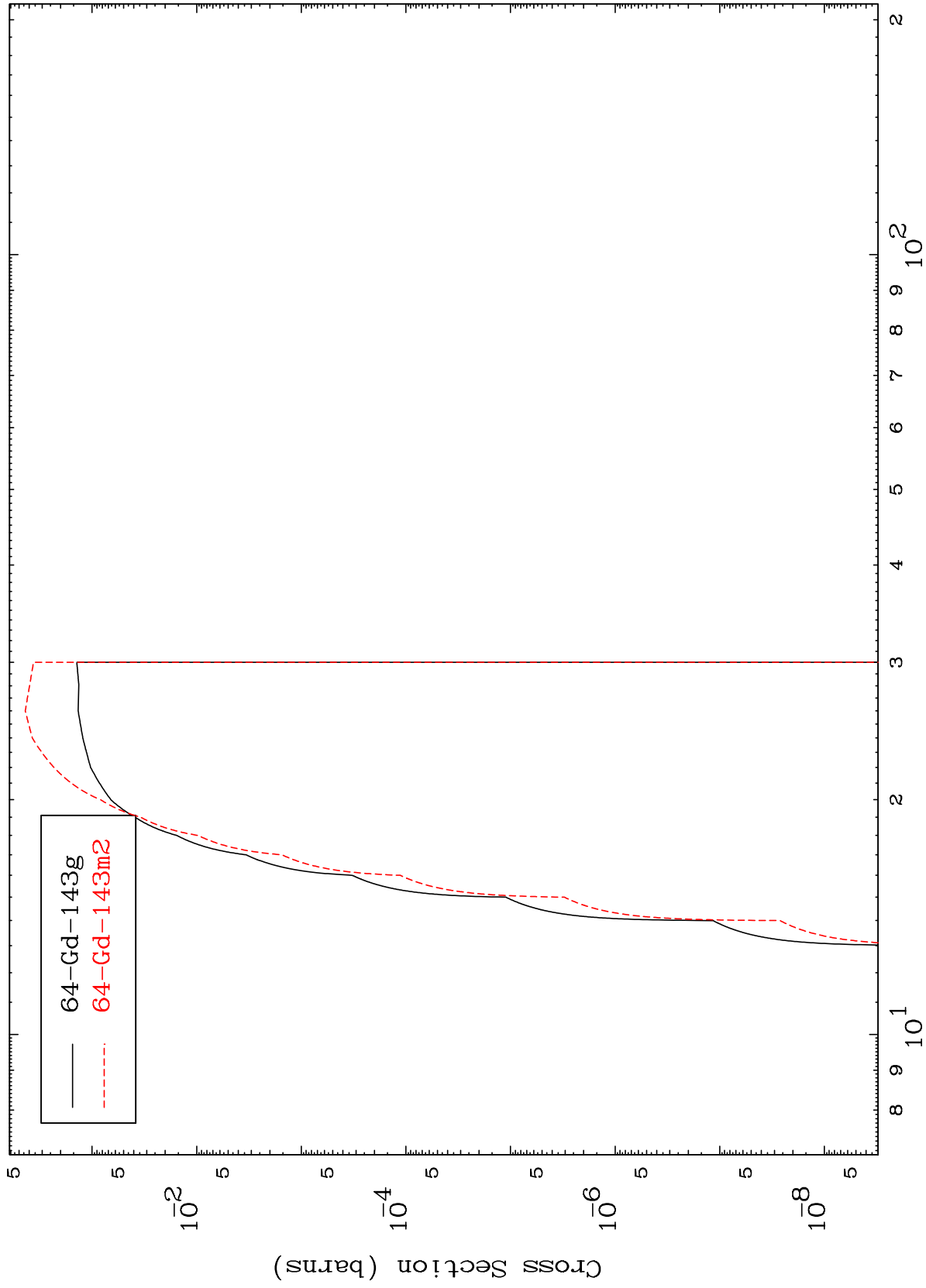
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

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



18

Incident Energy (MeV)

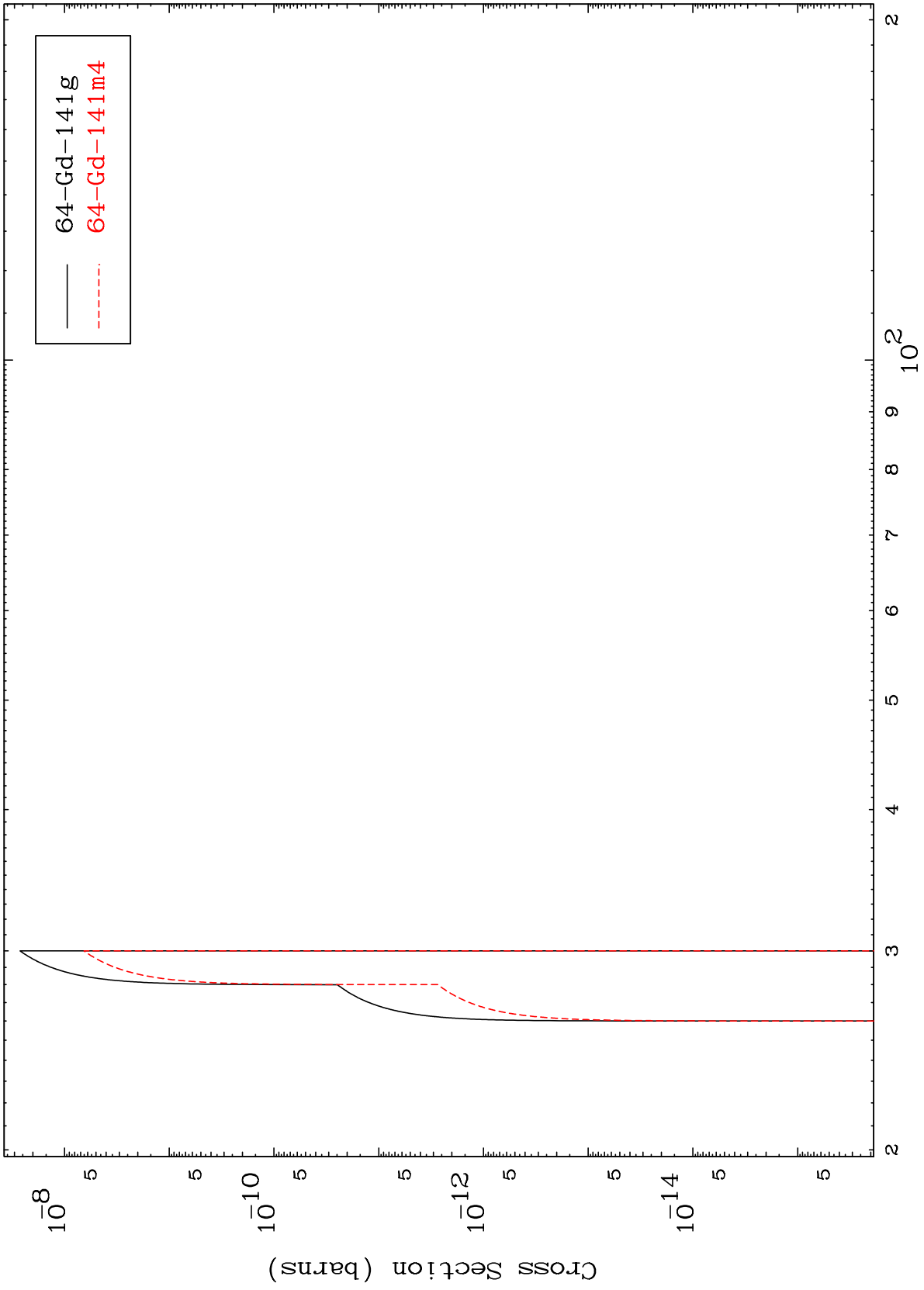
64-Gd-141

MAT 6392

( $\alpha, p$ ) t

64-Gd-141

Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-141