

Program EVALPLOT  
(Version 2018-1)

by

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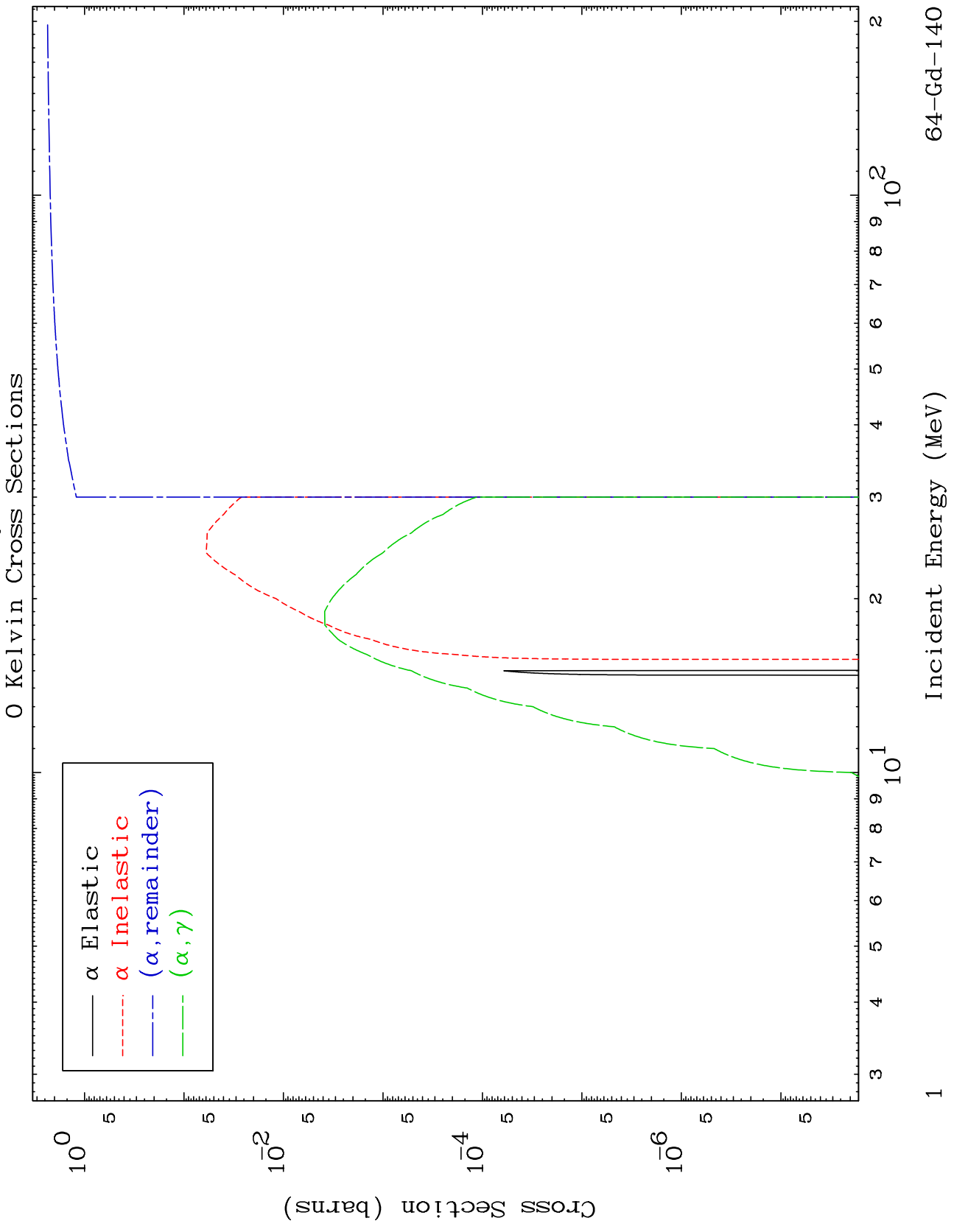
Press Mouse Button to Start

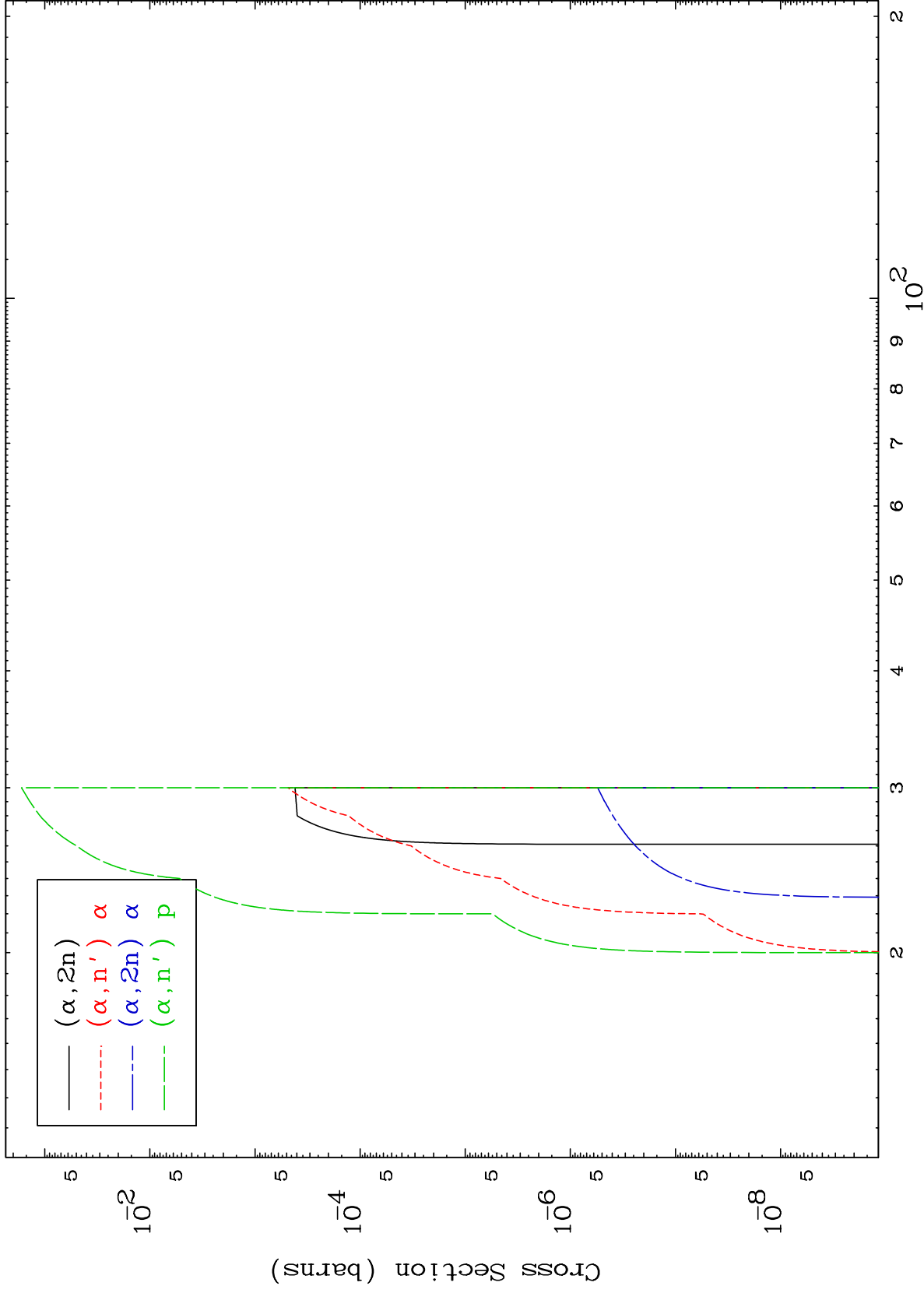
MAT 6389

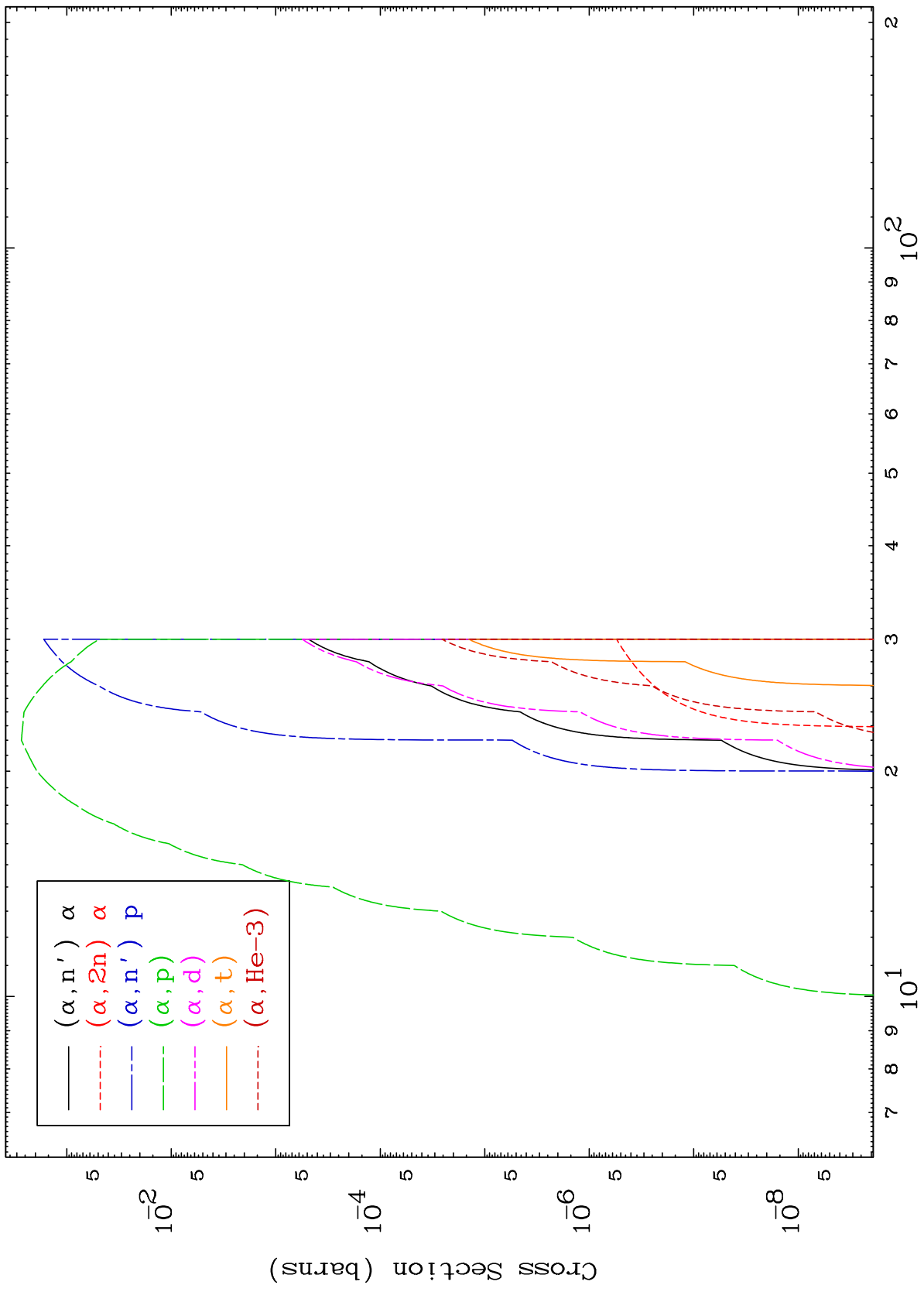
0 Kelvin

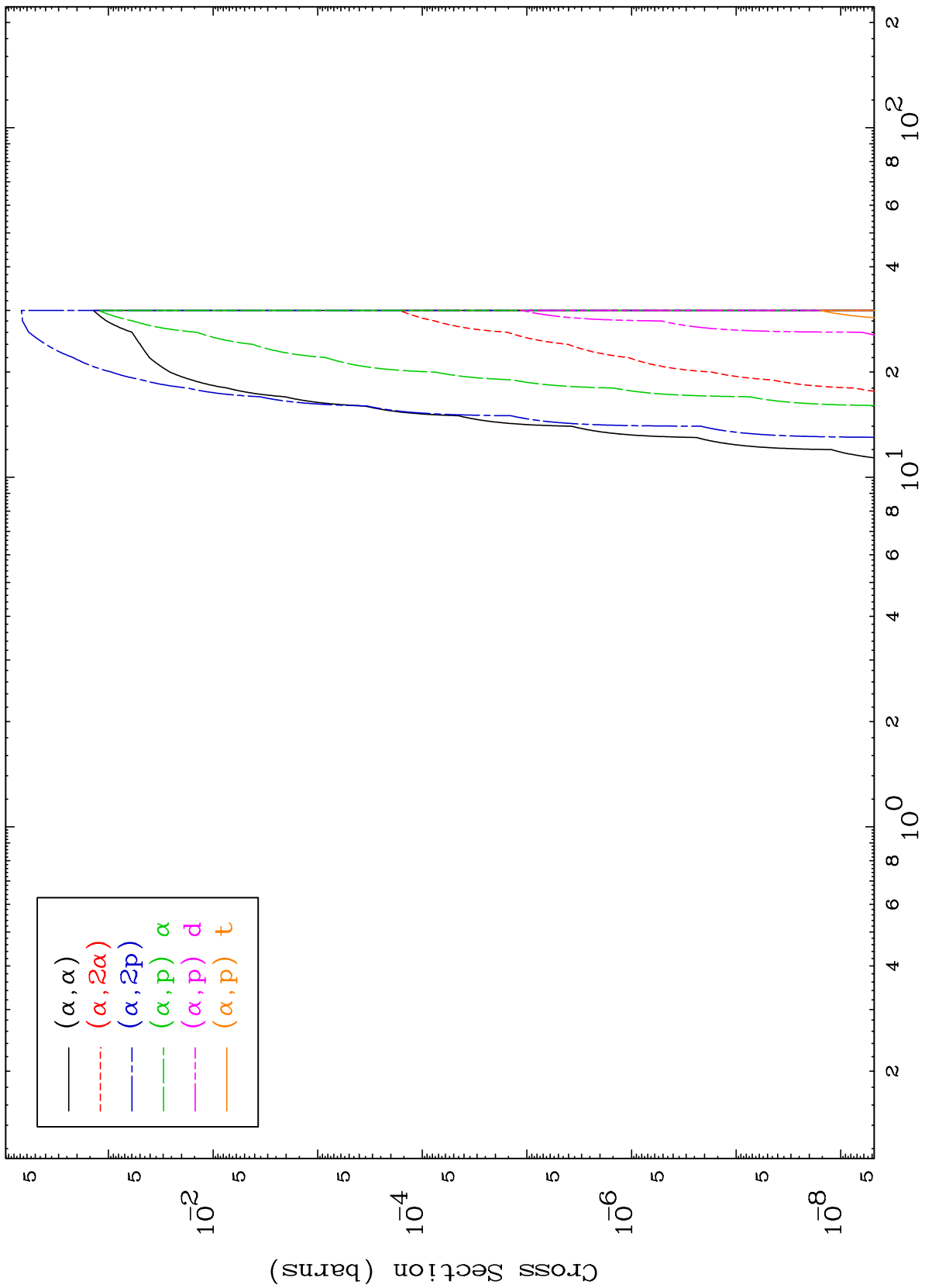
$\alpha$  Major

64-Gd-140





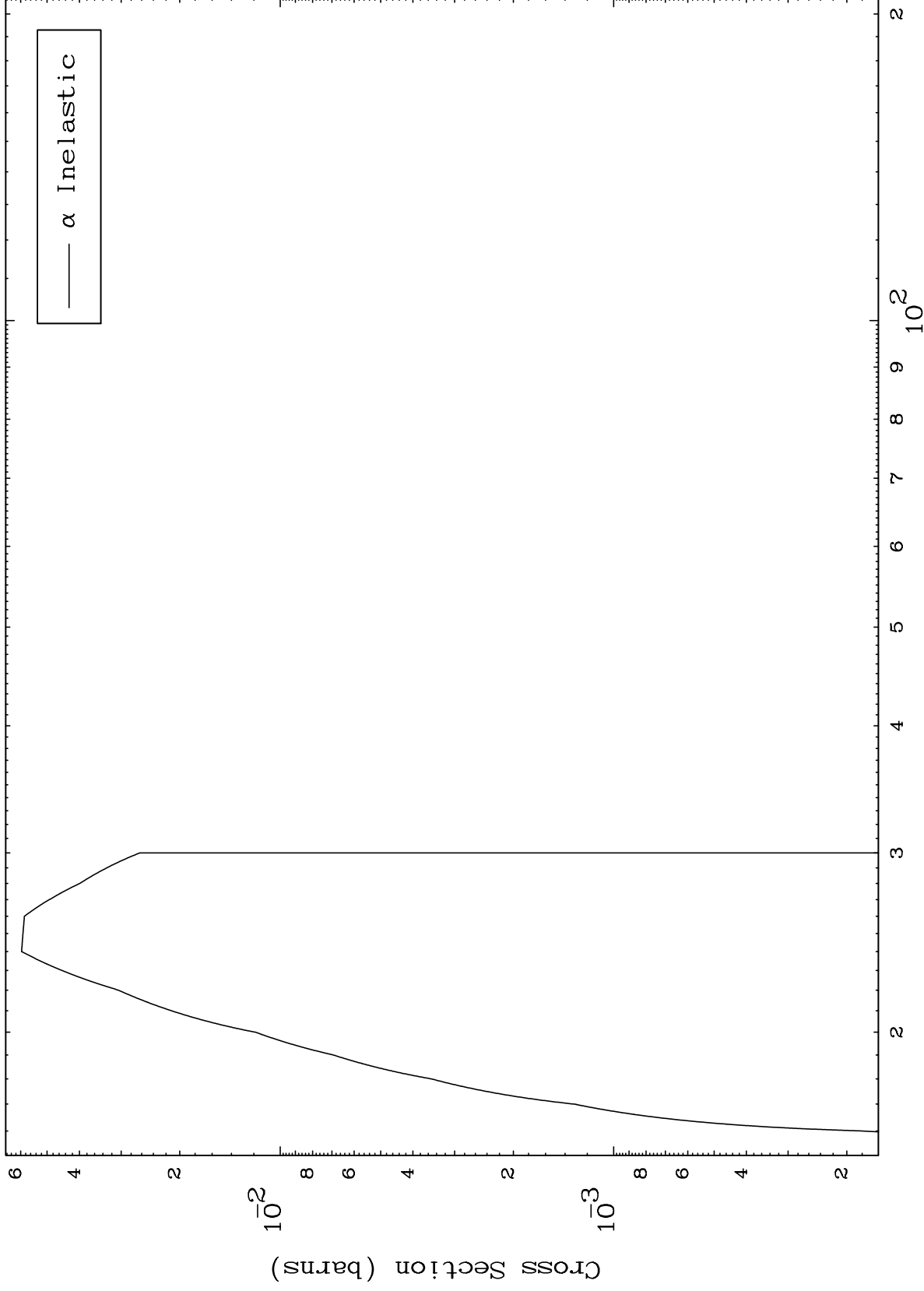




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( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

64-Gd-140



$\alpha$  Inelastic

5

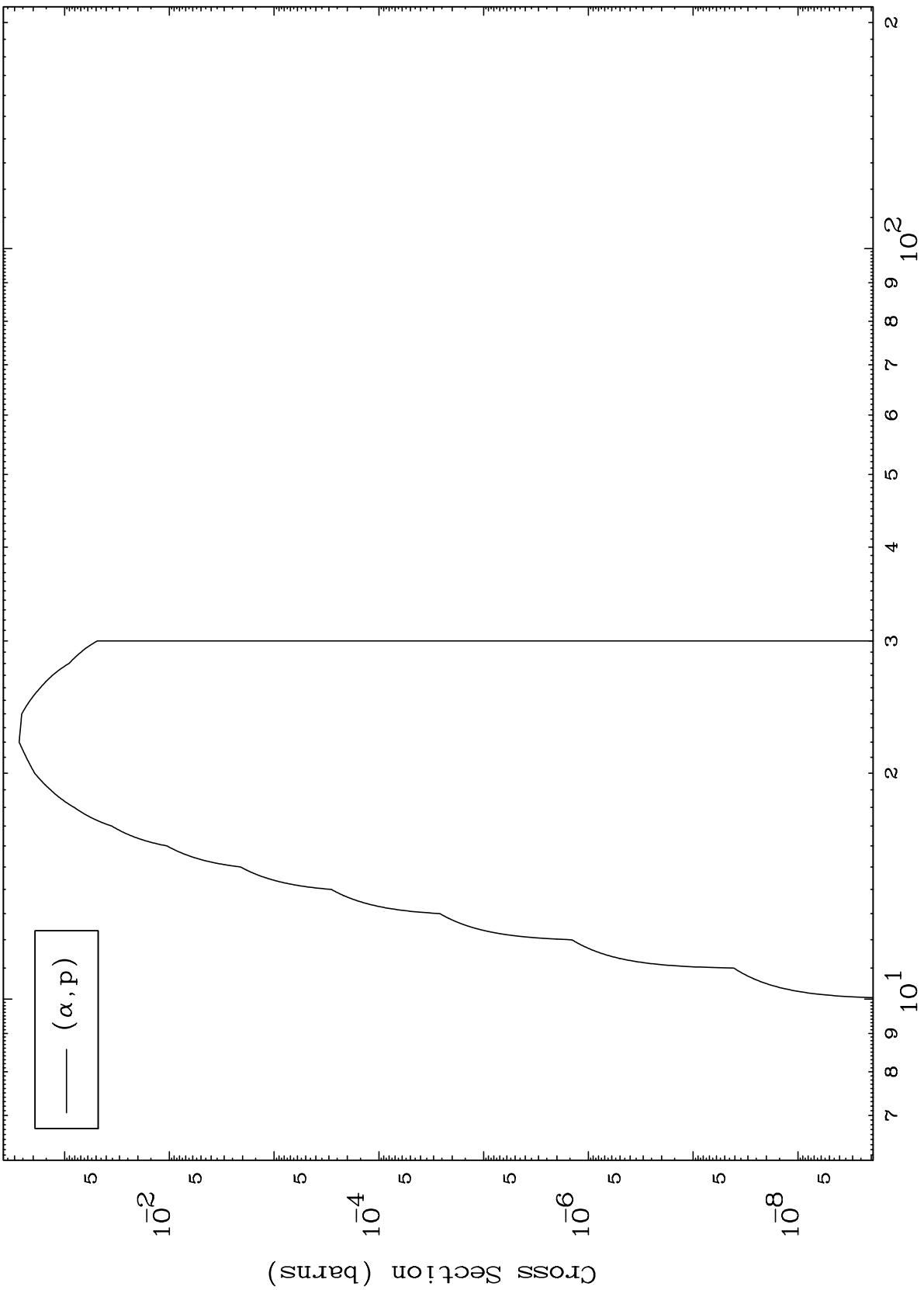
Incident Energy (MeV)

64-Gd-140

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64-Gd-140

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



6

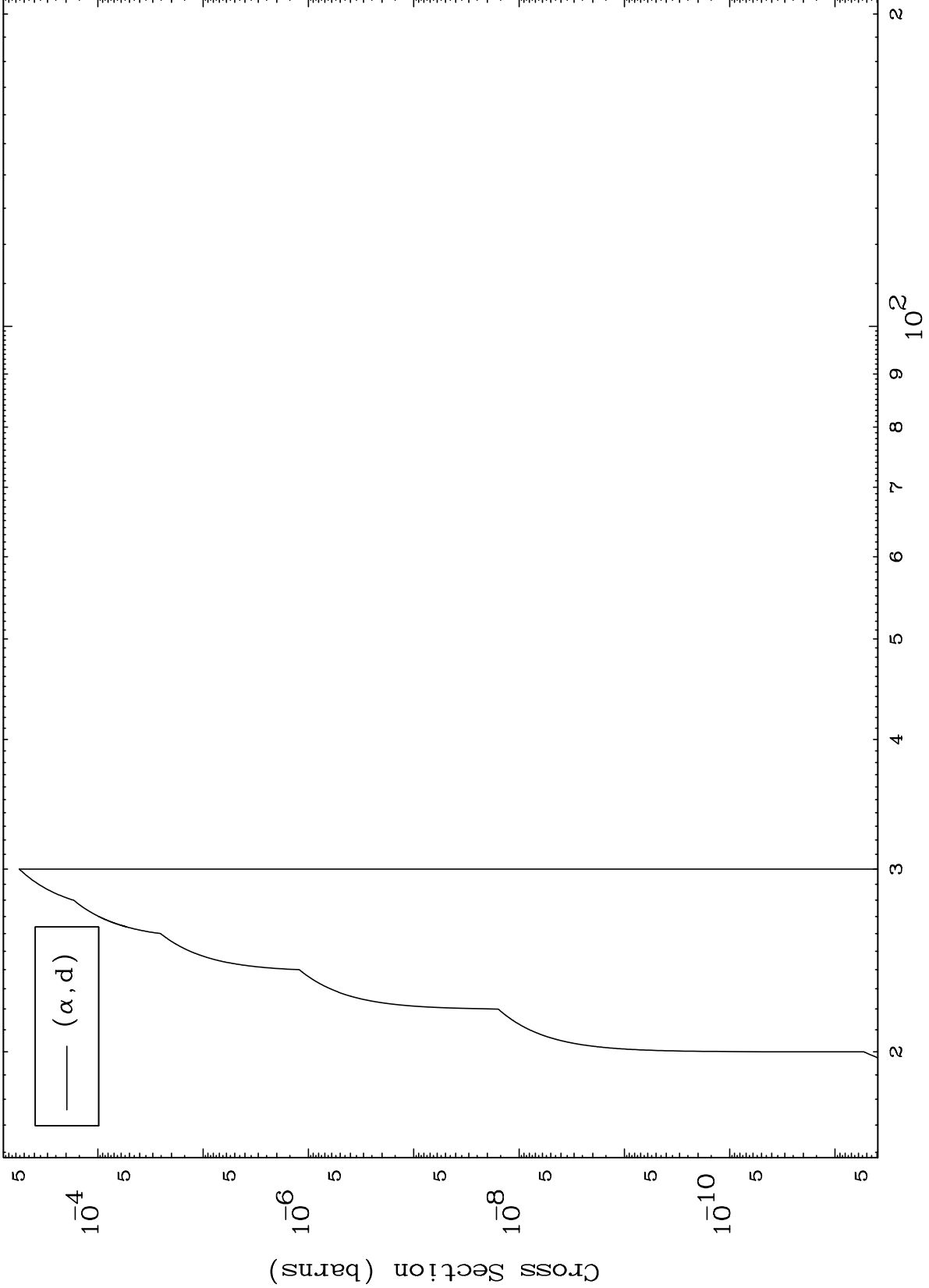
Incident Energy (MeV)

64-Gd-140

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

64-Gd-140



7

Incident Energy (MeV)

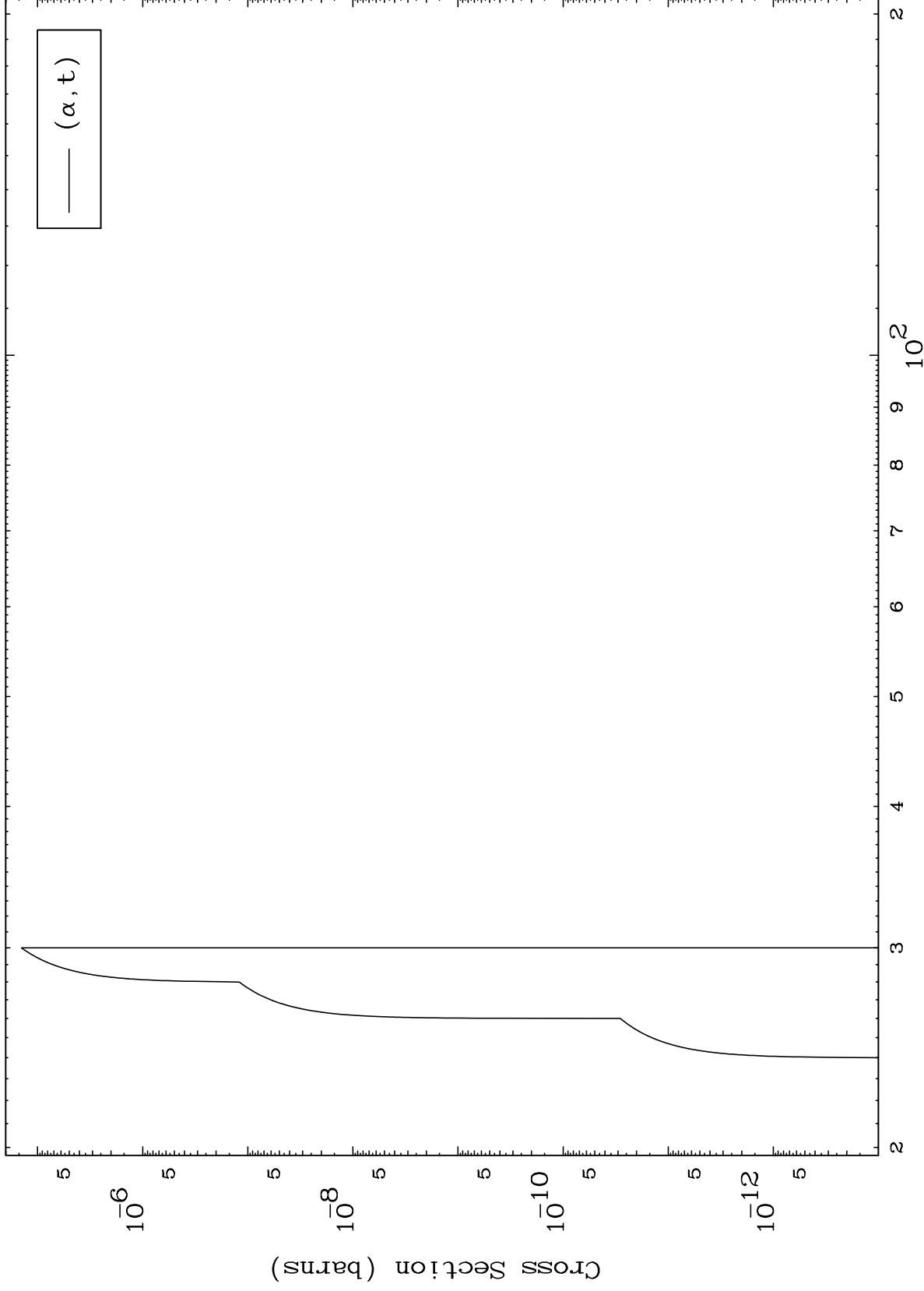
64-Gd-140



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

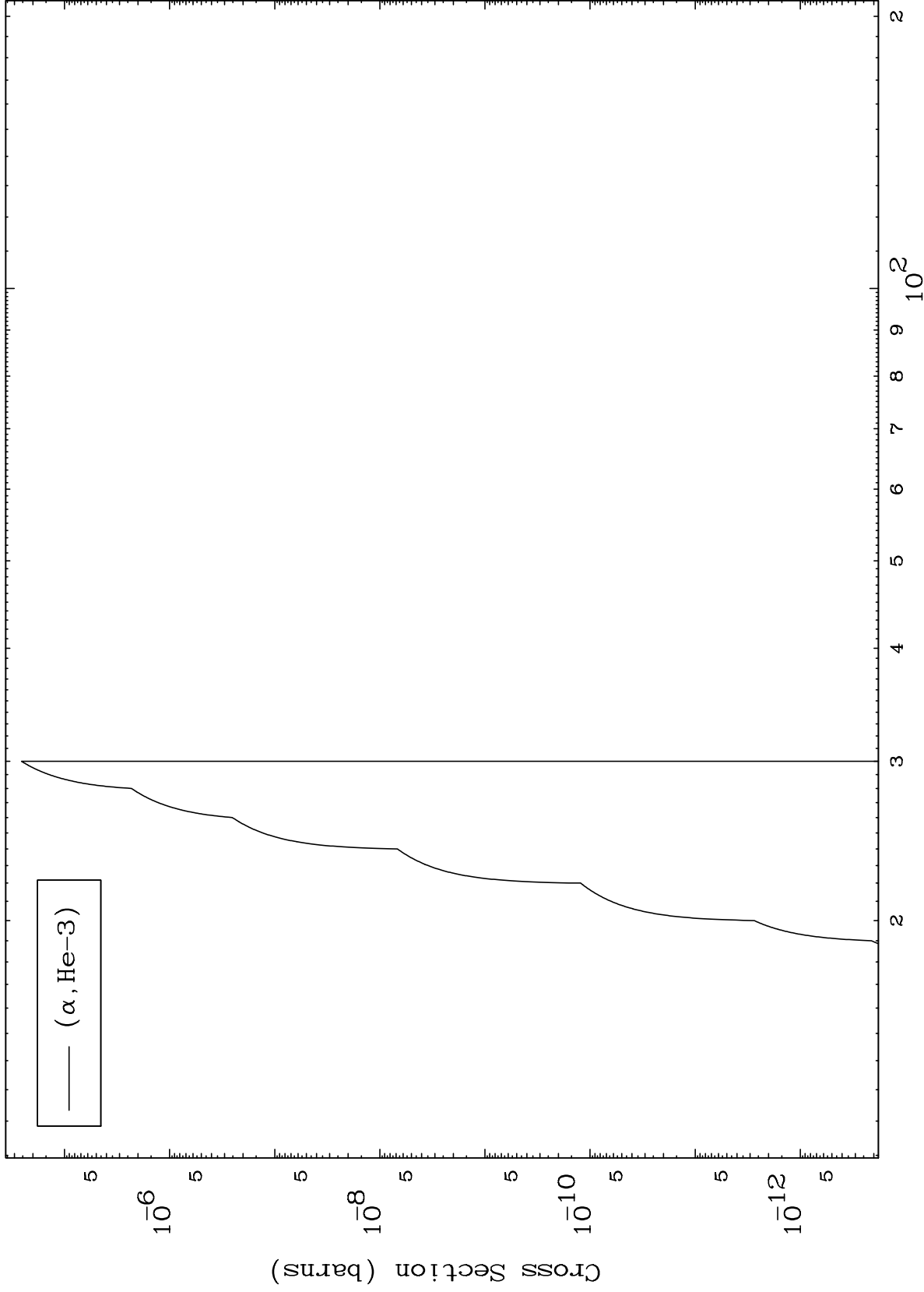
64-Gd-140



8

Incident Energy (MeV)

64-Gd-140

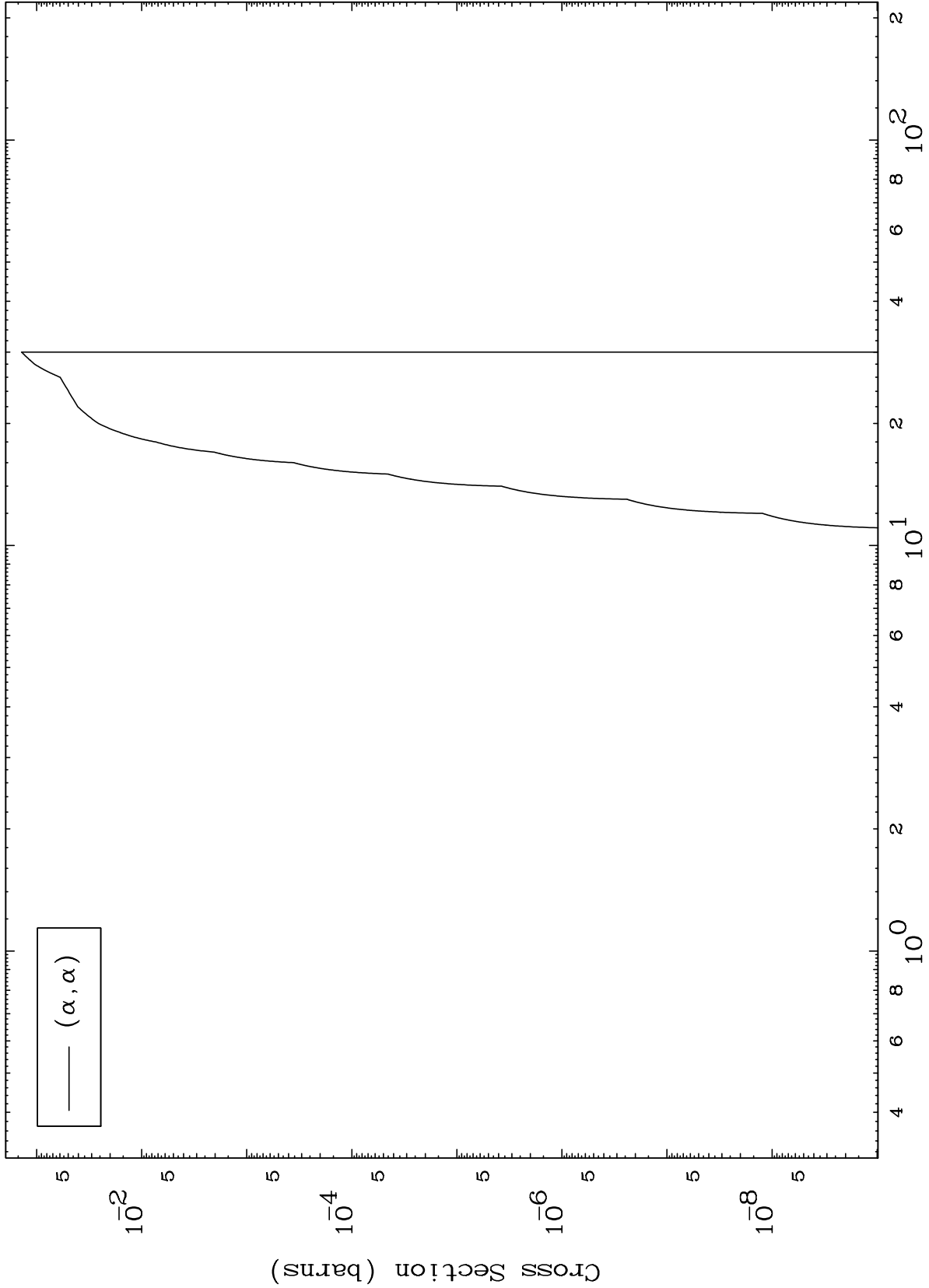


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( $\alpha, \alpha$ ) Levels

64-Gd-140

0 Kelvin Cross Sections



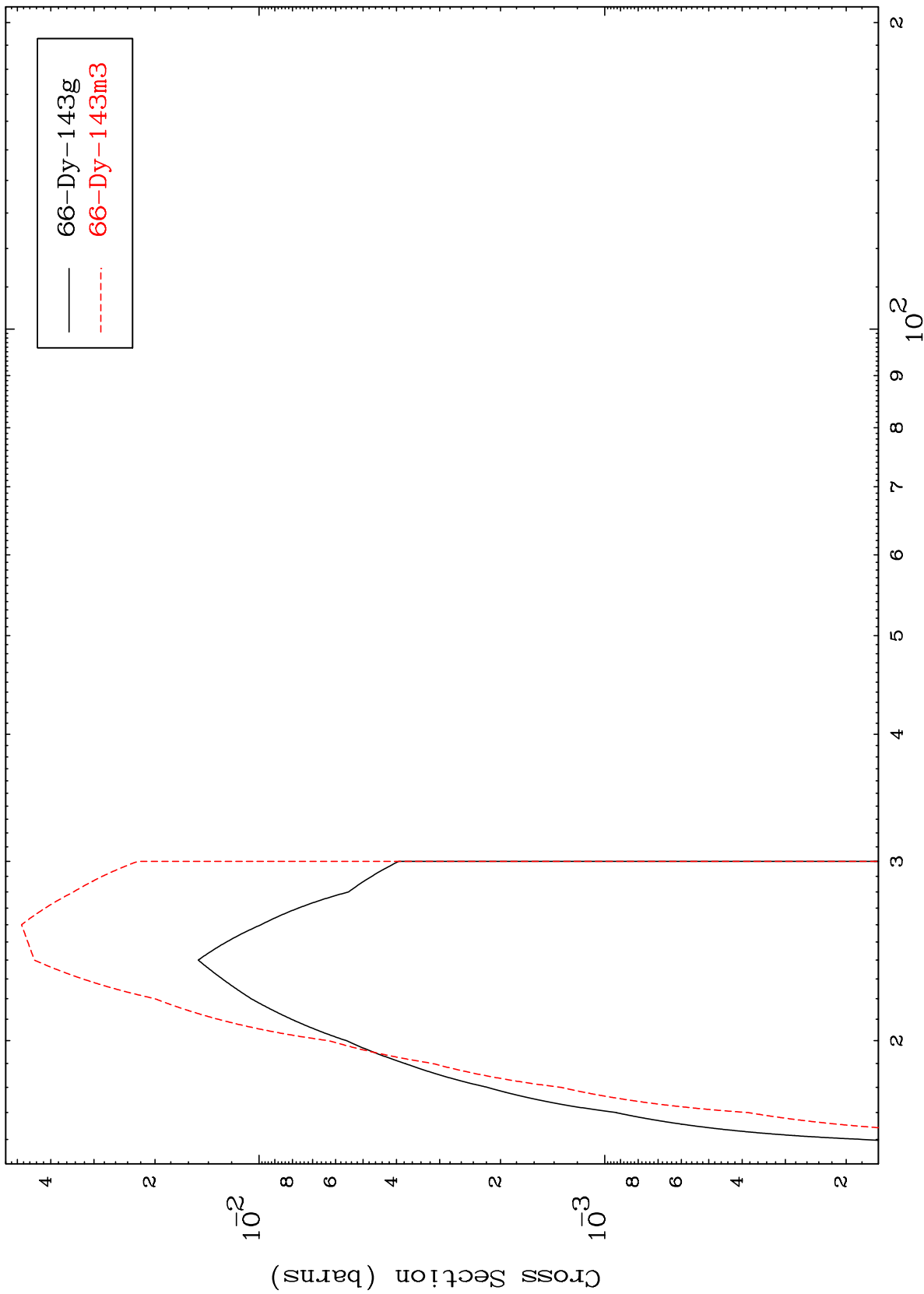
10

Incident Energy (MeV)

64-Gd-140

Radionuclide Production Cross Section

$\alpha$  Inelastic

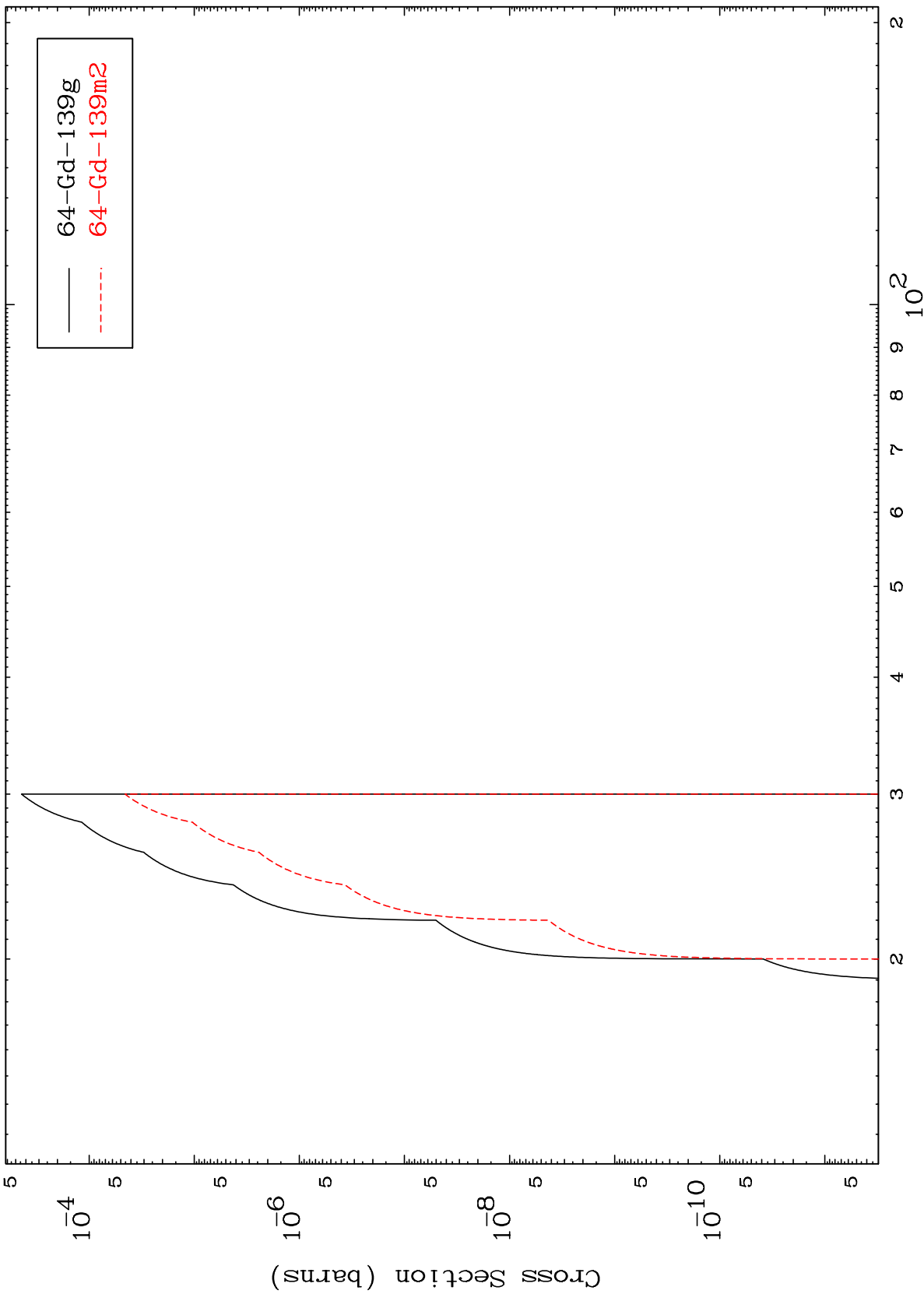


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$(\alpha, n')$   $\alpha$

64-Gd-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

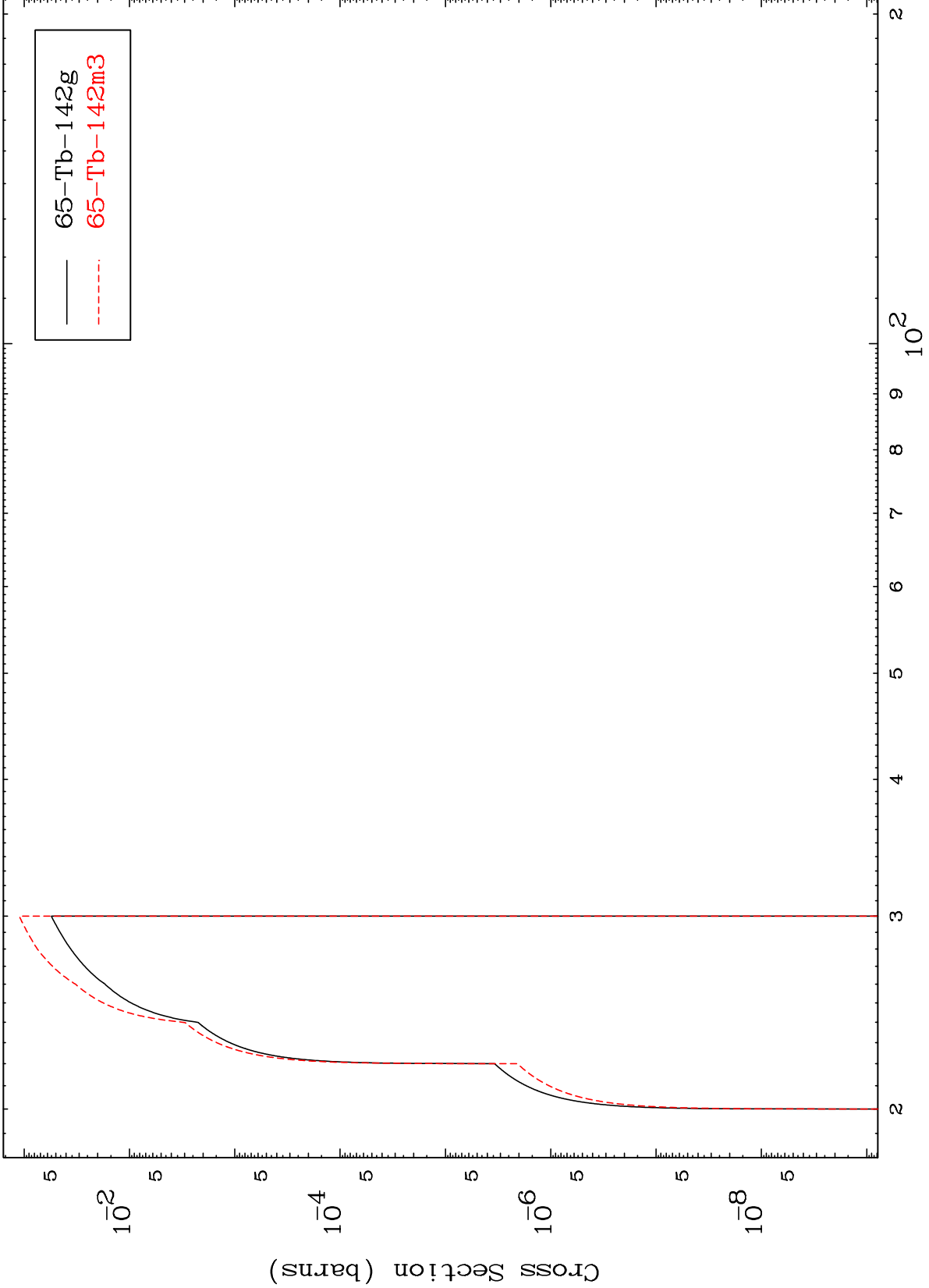
64-Gd-140

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$(\alpha, n')$  p

64-Gd-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

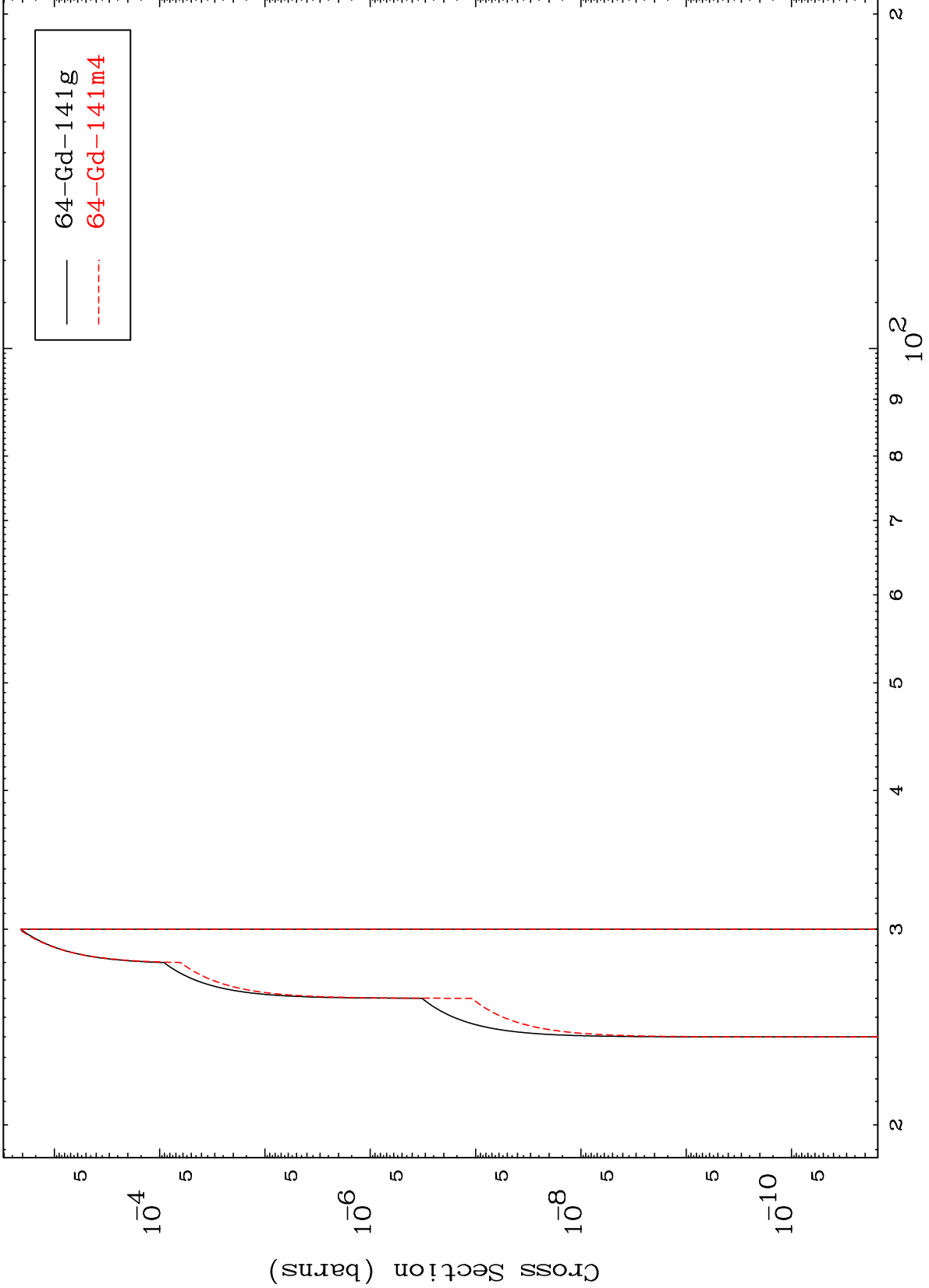
64-Gd-140

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$(\alpha, 2n)$  p

64-Gd-140

Radionuclide Production Cross Section



14

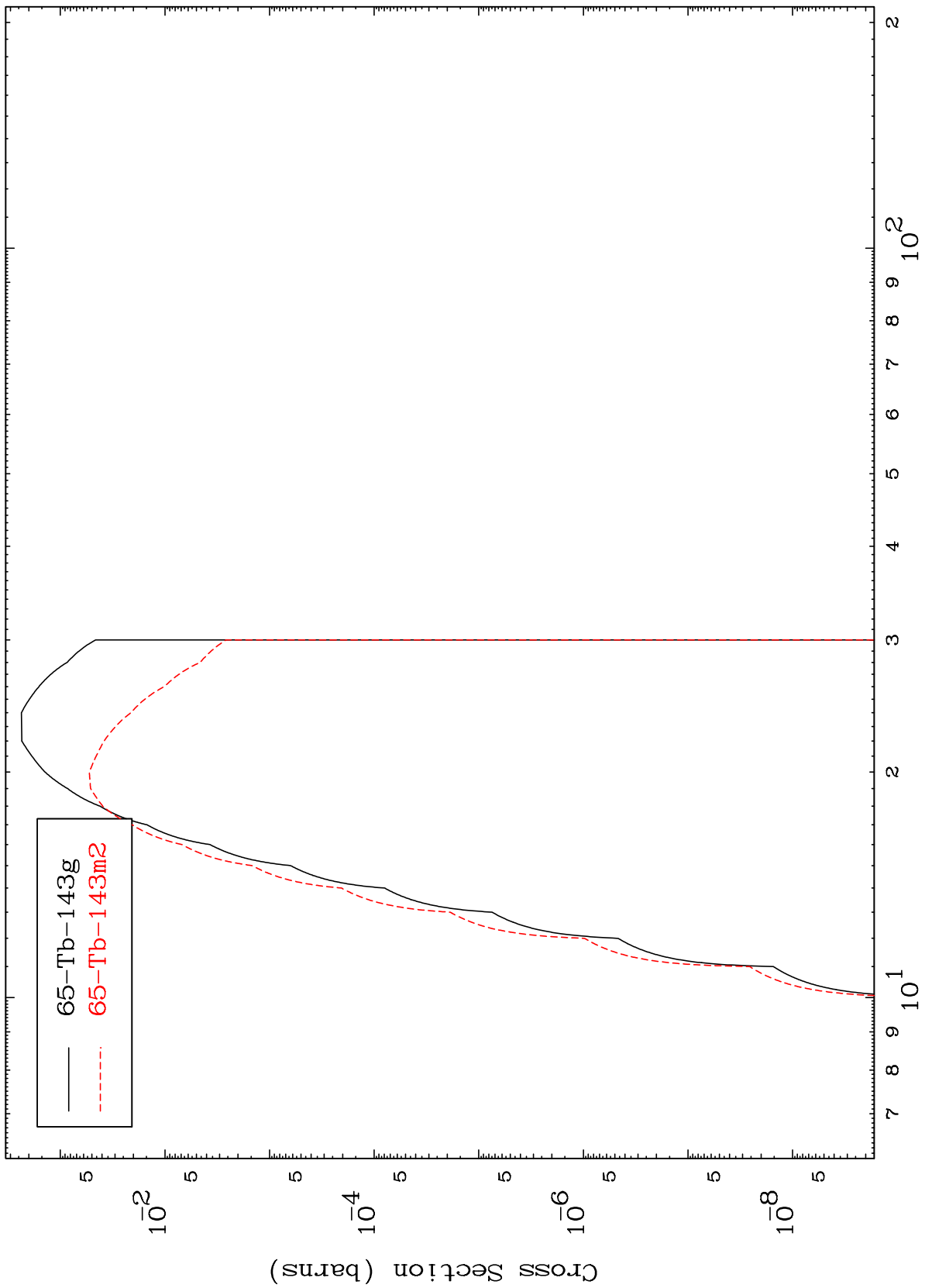
Incident Energy (MeV)

64-Gd-140

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64-Gd-140

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



15

Incident Energy (MeV)

64-Gd-140

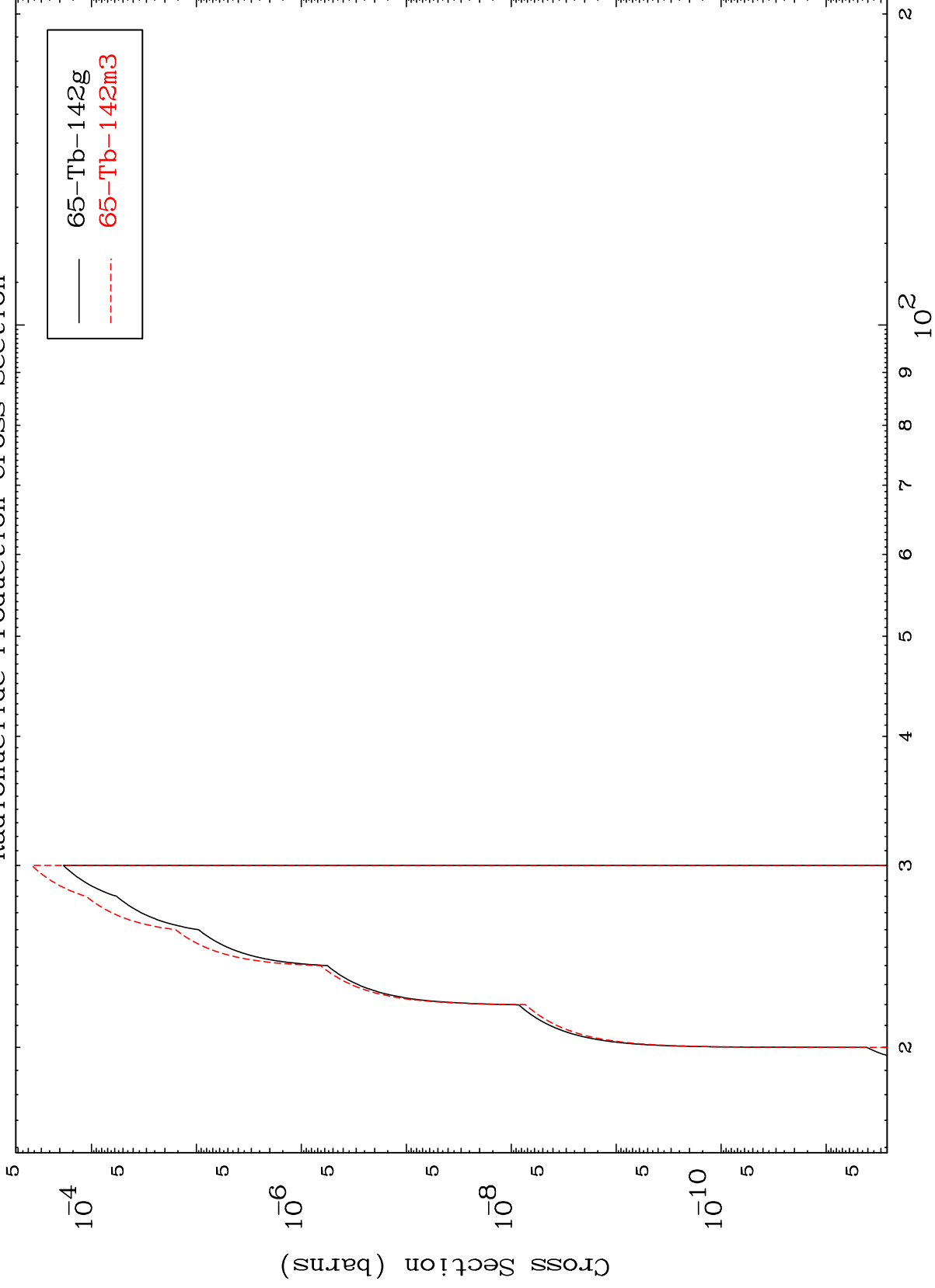


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( $\alpha, d$ )

64-Gd-140

Radionuclide Production Cross Section



16

Incident Energy (MeV)

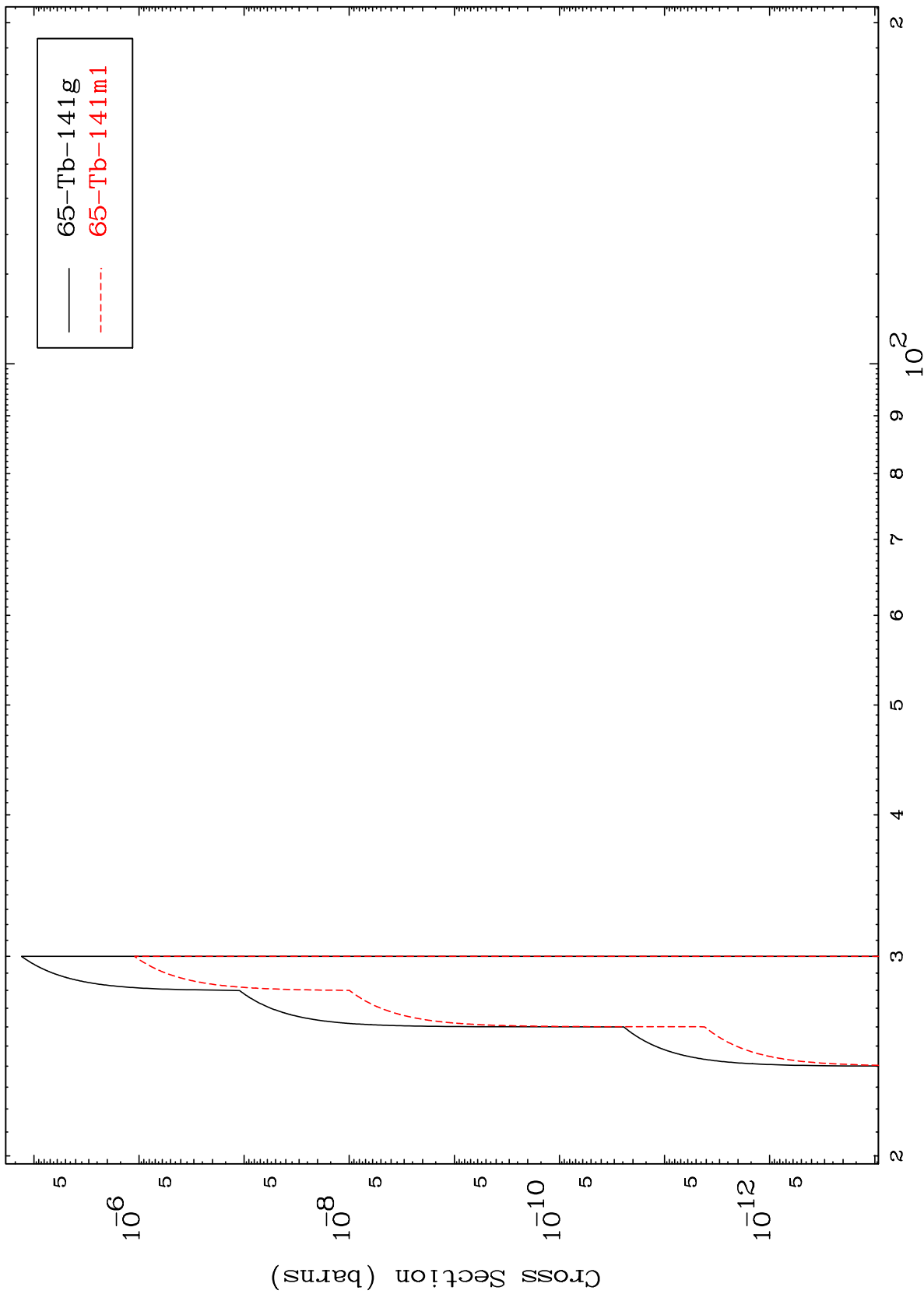
64-Gd-140

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( $\alpha, t$ )

64-Gd-140

Radionuclide Production Cross Section



17

Incident Energy (MeV)

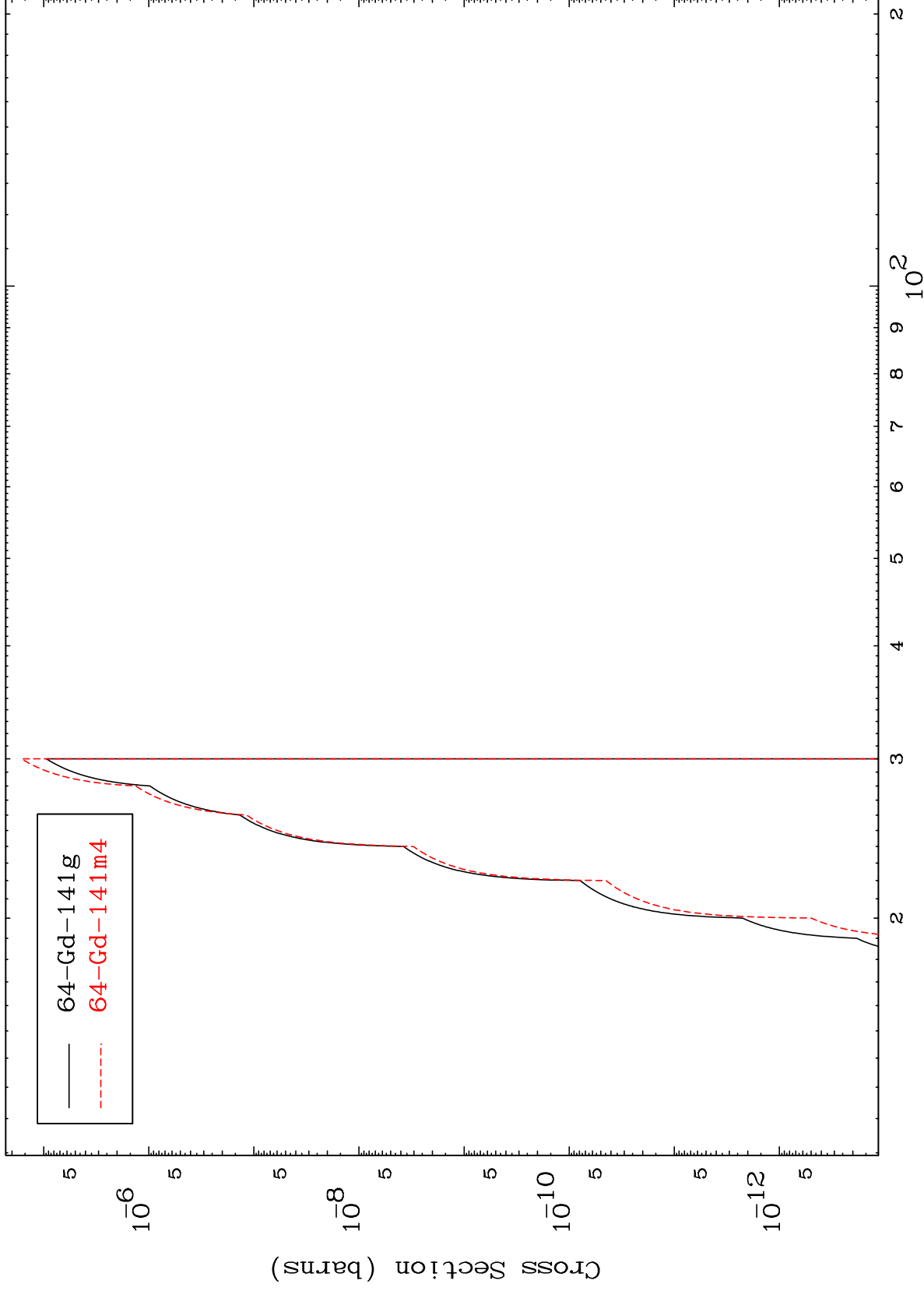
64-Gd-140

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( $\alpha, \text{He-3}$ )

64-Gd-140

Radionuclide Production Cross Section

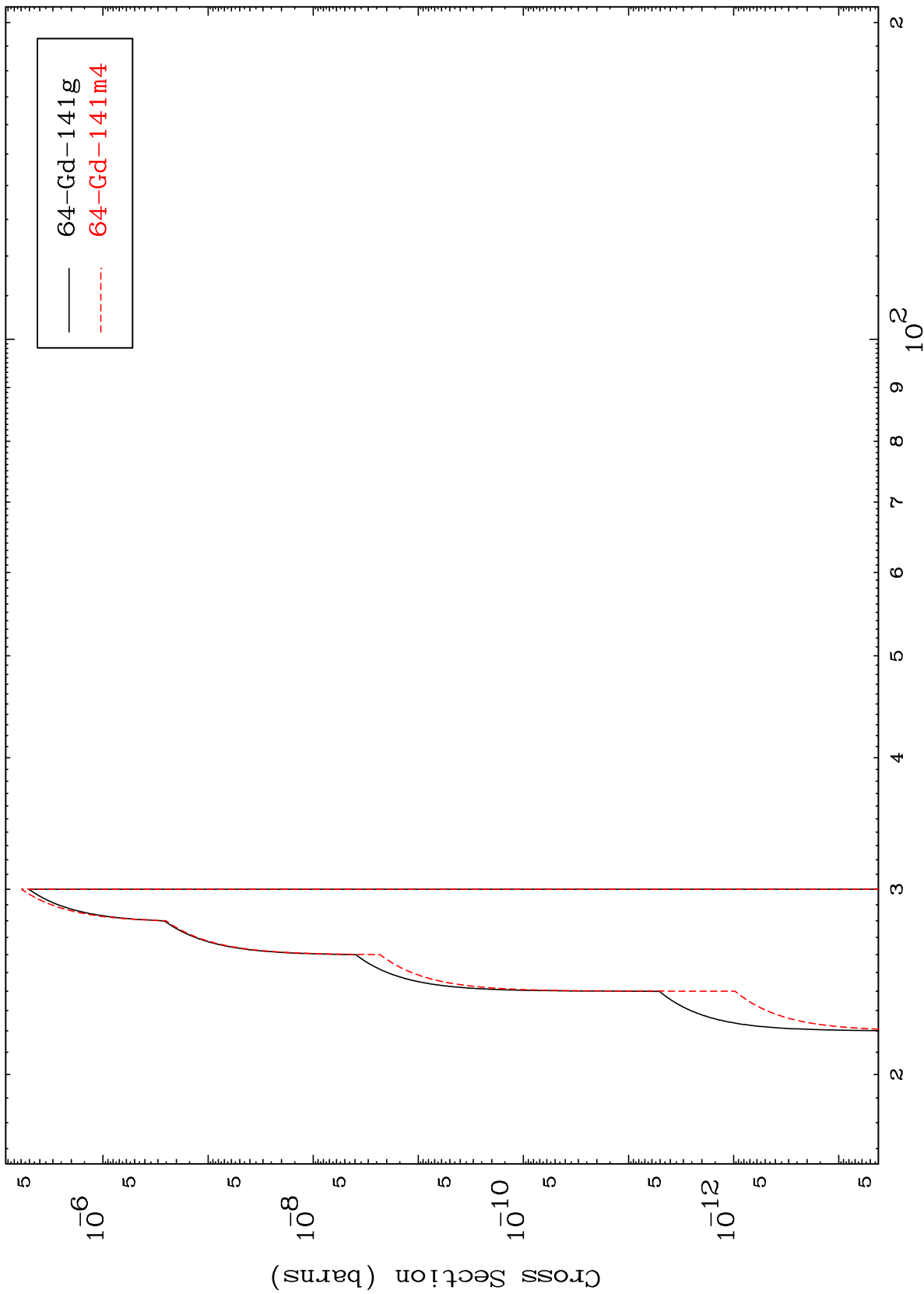


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( $\alpha, p$ ) d

64-Gd-140

Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-140