

Program EVALPLOT  
(Version 2018-1)

by

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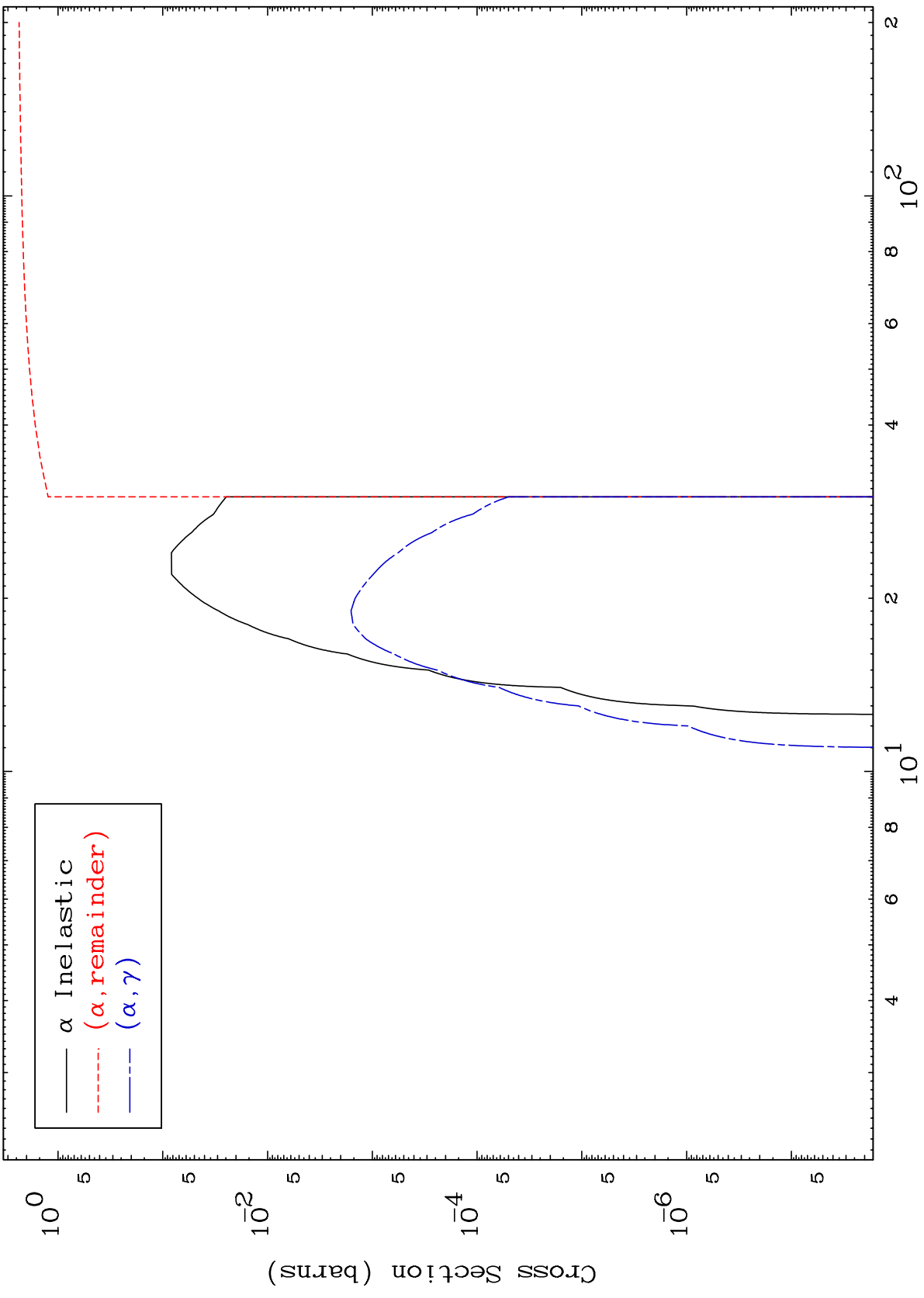
Press Mouse Button to Start

MAT 6292

$\alpha$  Major

63-Eu-140

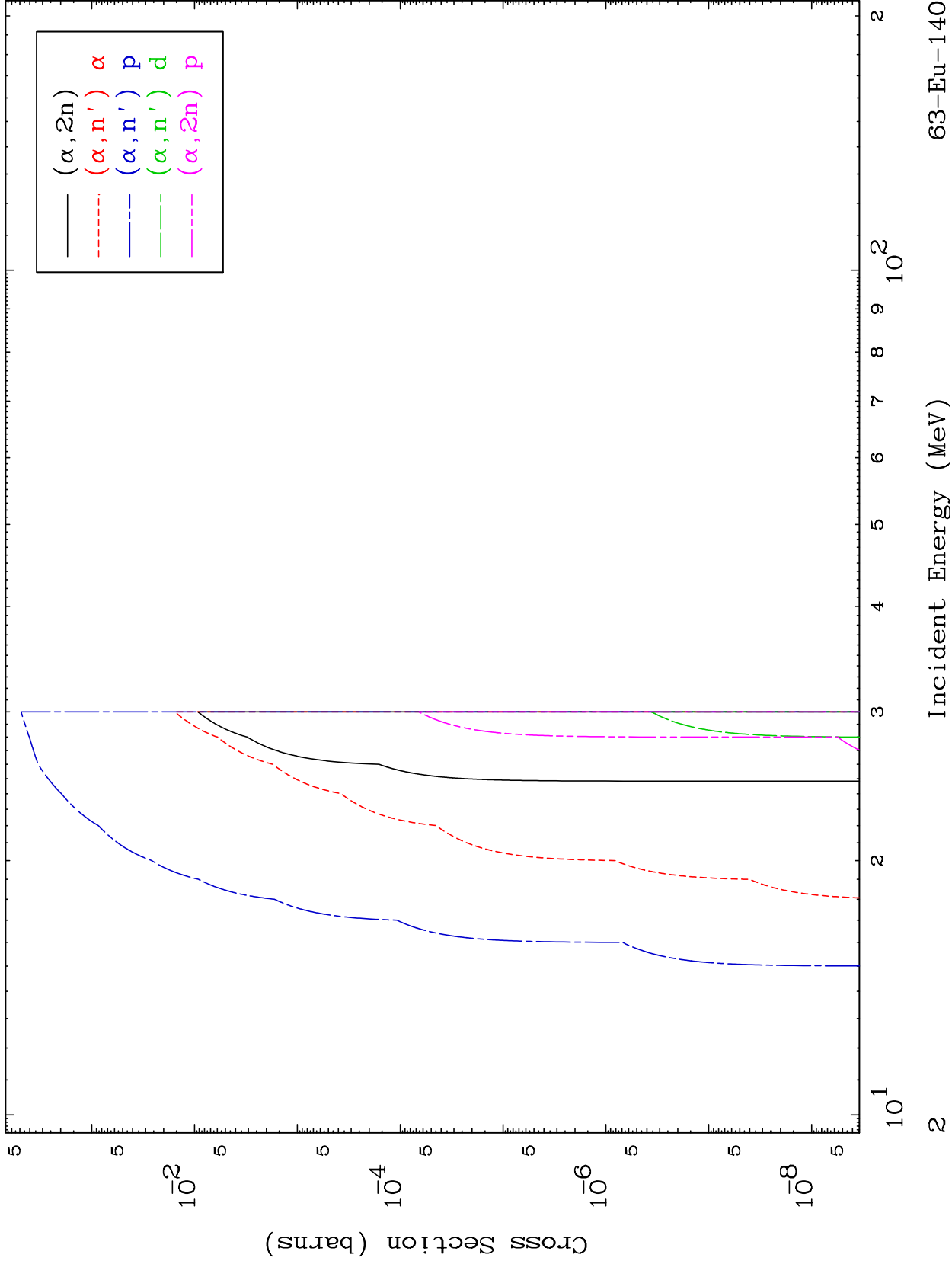
0 Kelvin Cross Sections



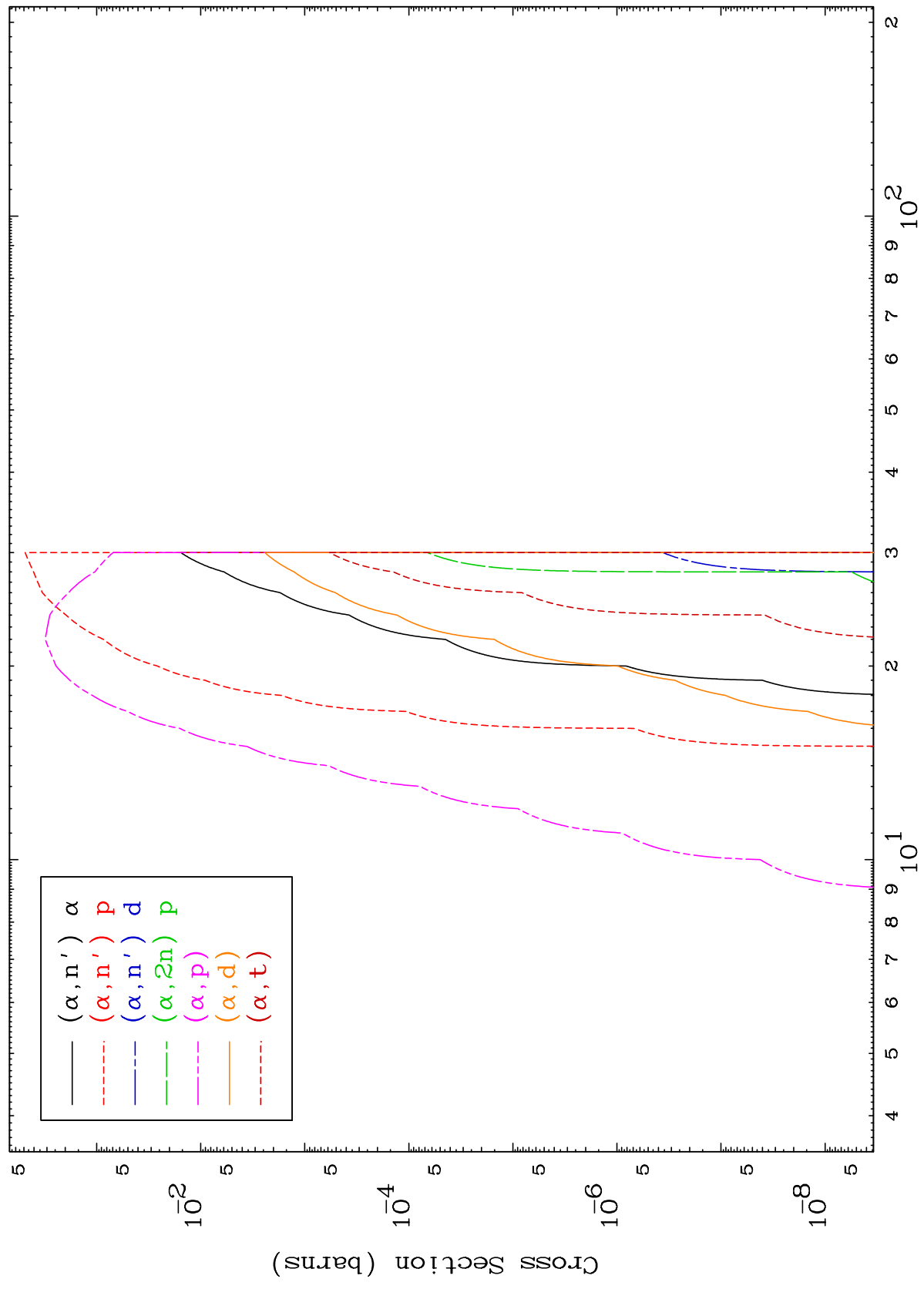
MAT 6292

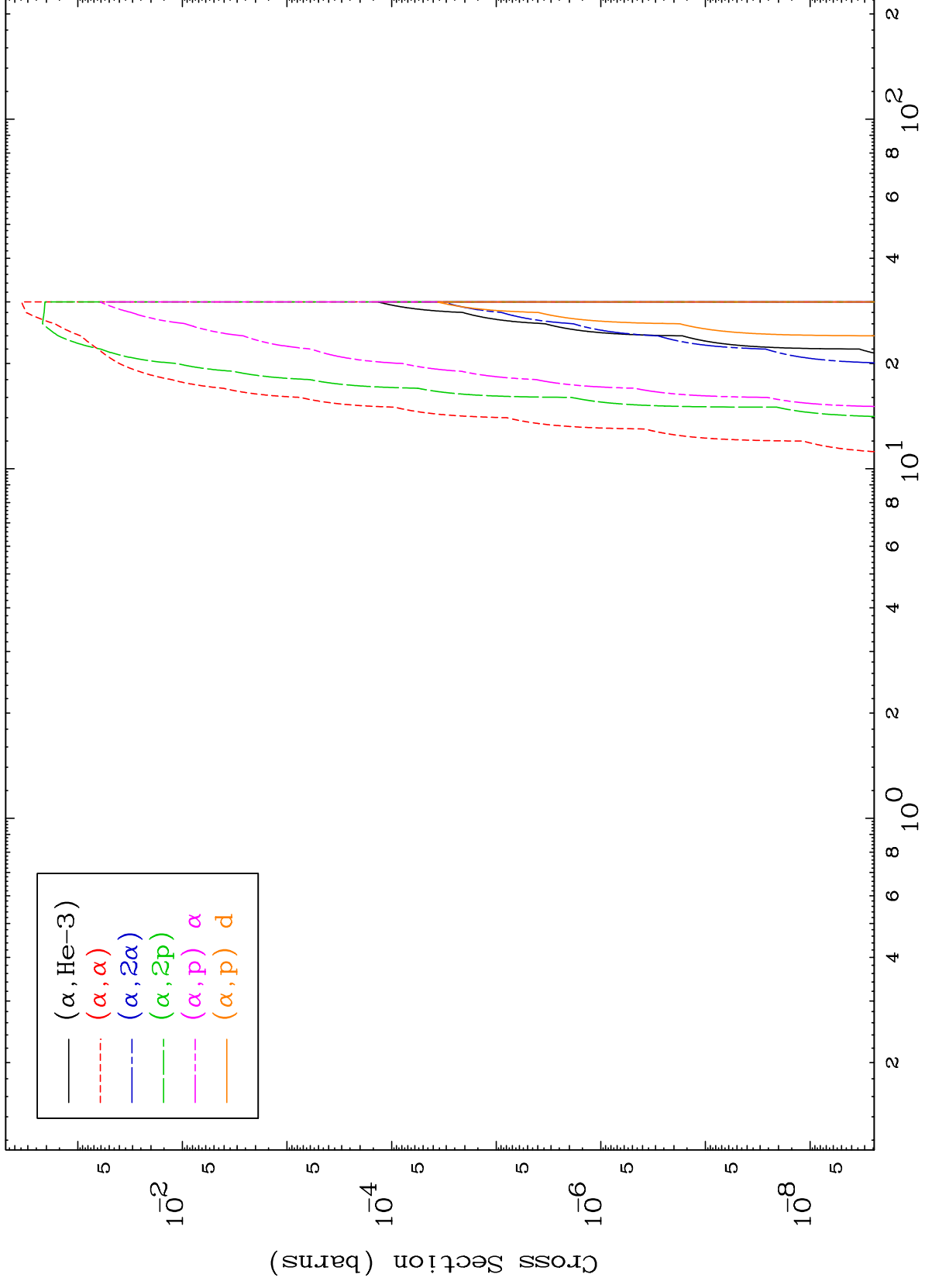
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

63-Eu-140



63-Eu-140

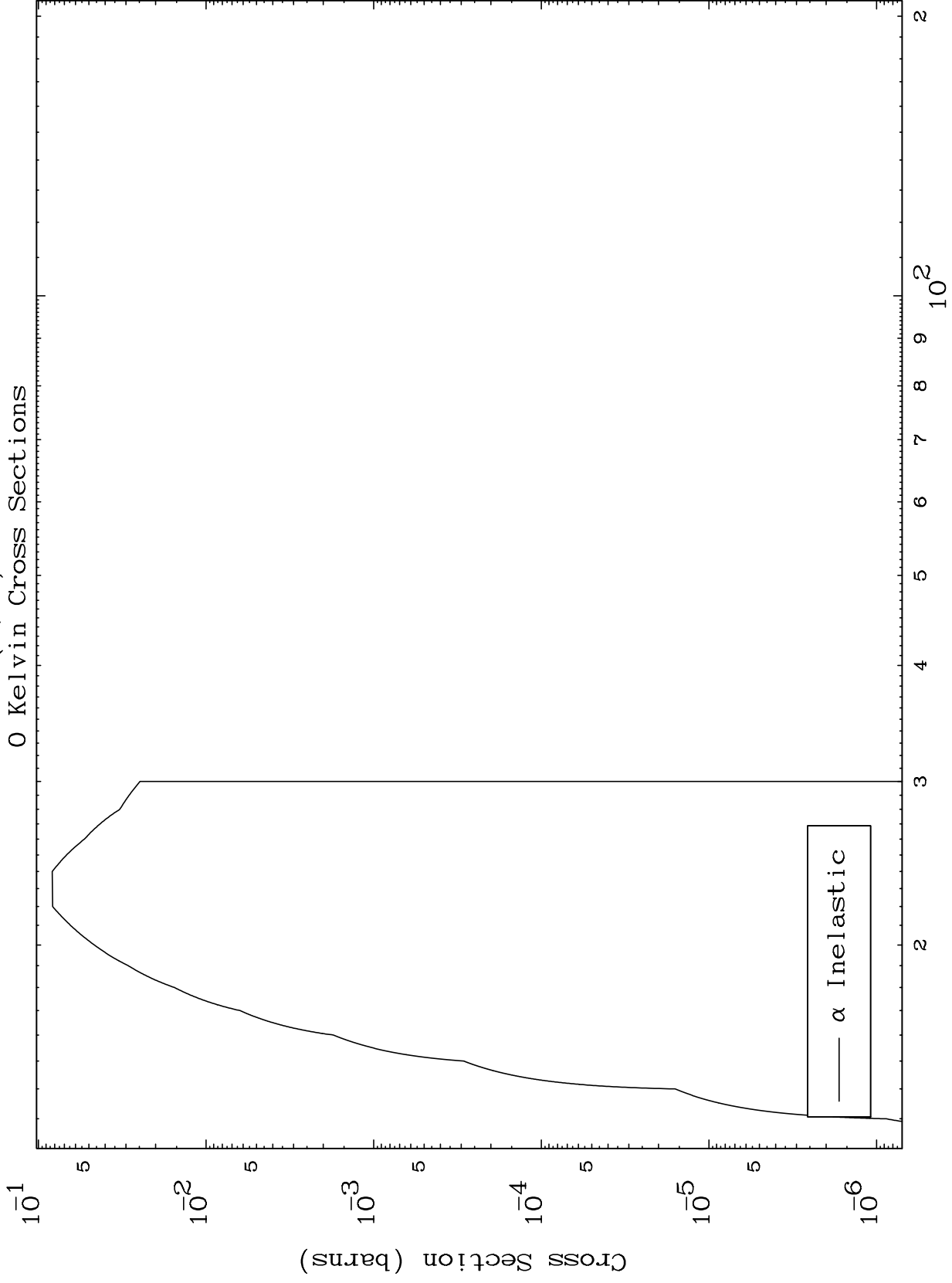




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( $\alpha, n'$ ) Level

63-Eu-140



5

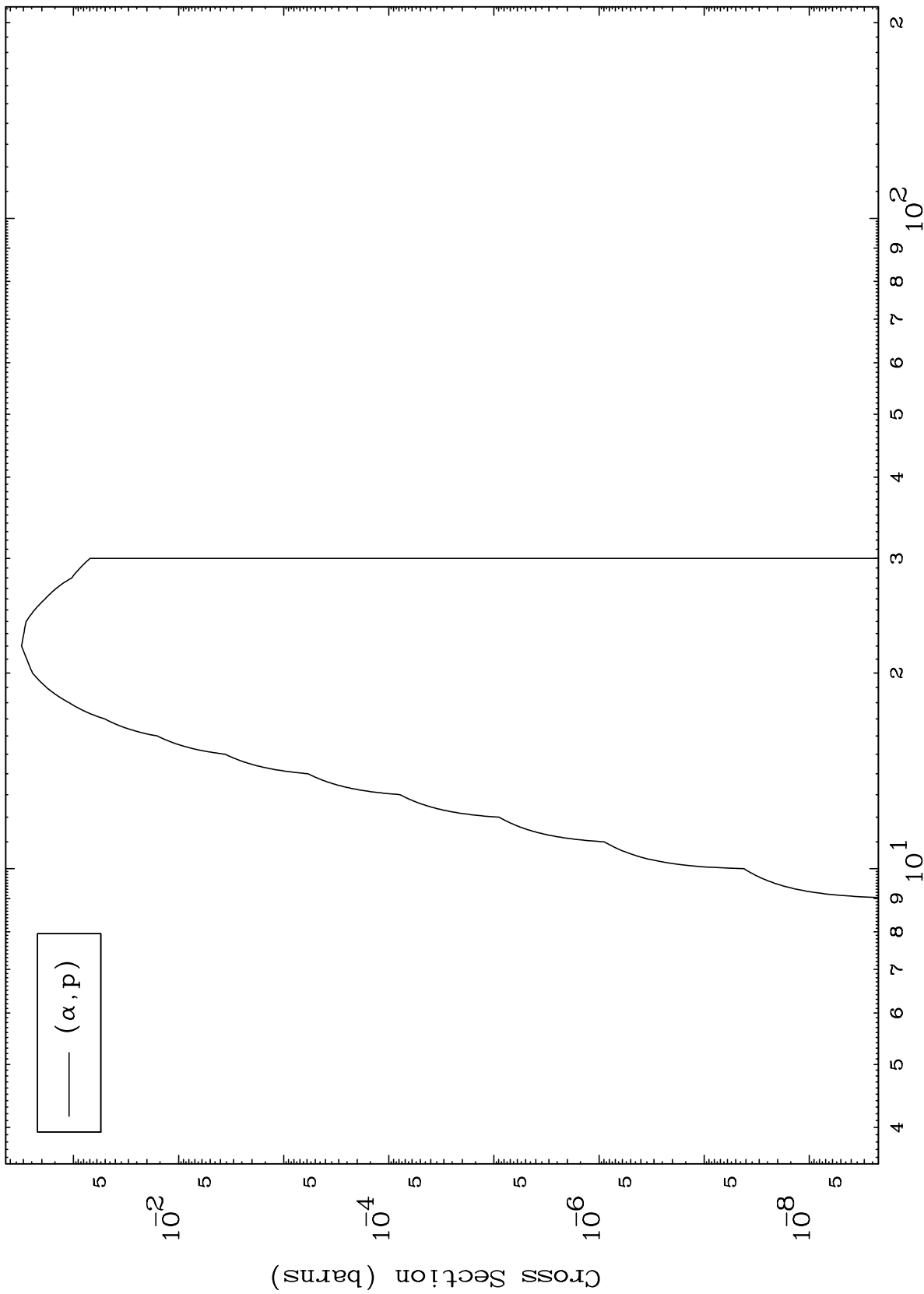
Incident Energy (MeV)

63-Eu-140

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63-Eu-140

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



63-Eu-140

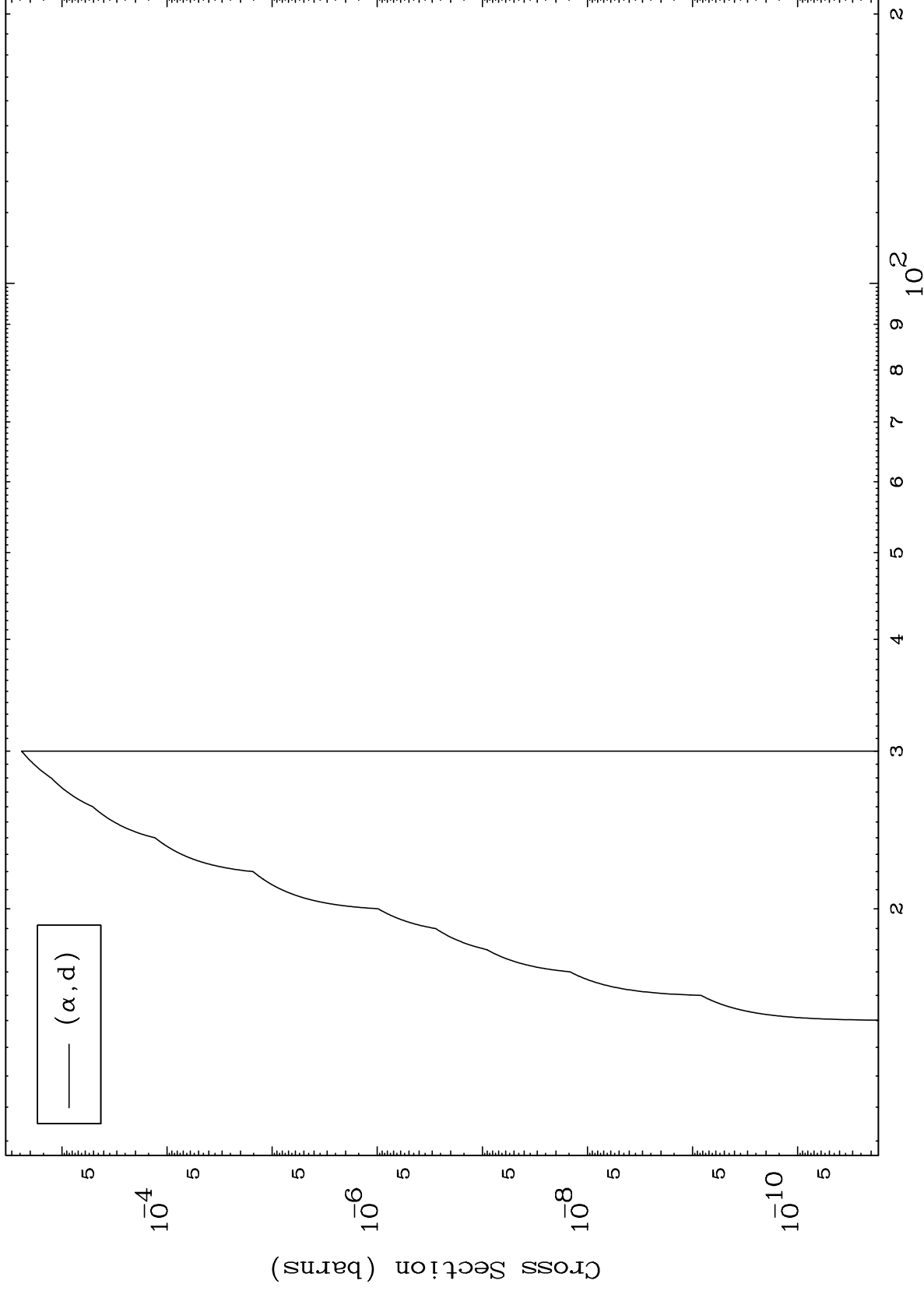
Incident Energy (MeV)

6

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

63-Eu-140

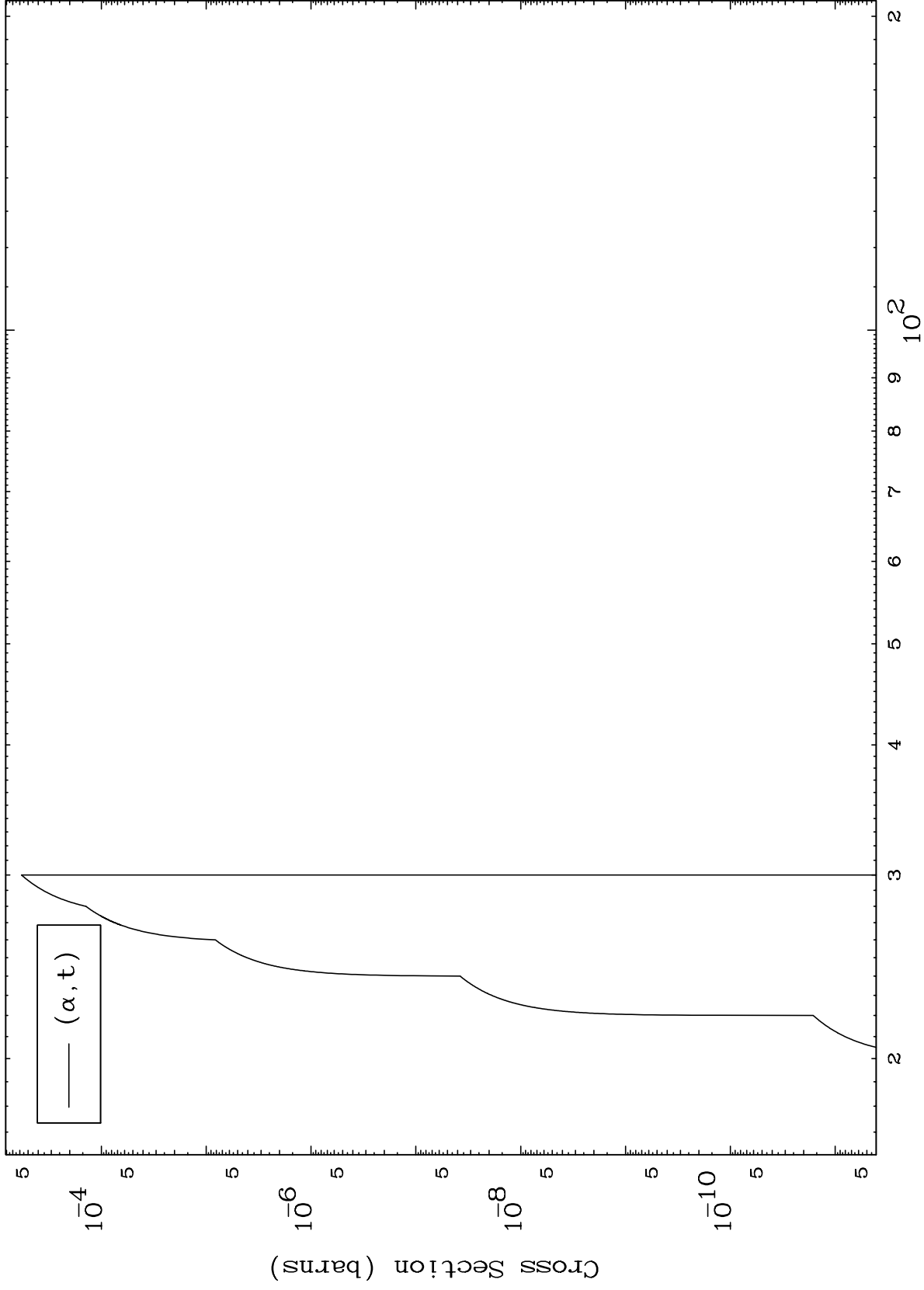




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( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

63-Eu-140



8

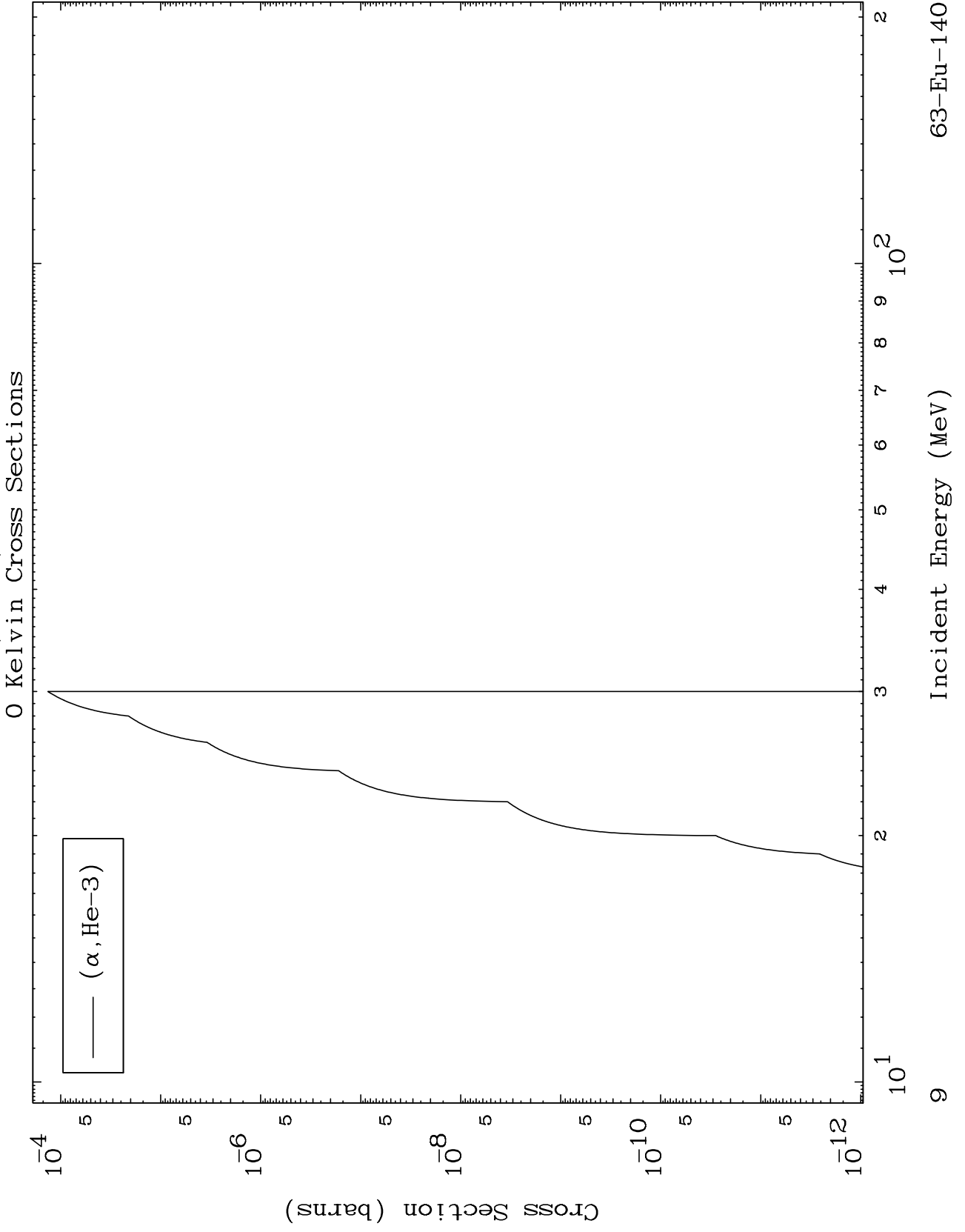
Incident Energy (MeV)

63-Eu-140

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( $\alpha$ , He3) Levels

63-Eu-140

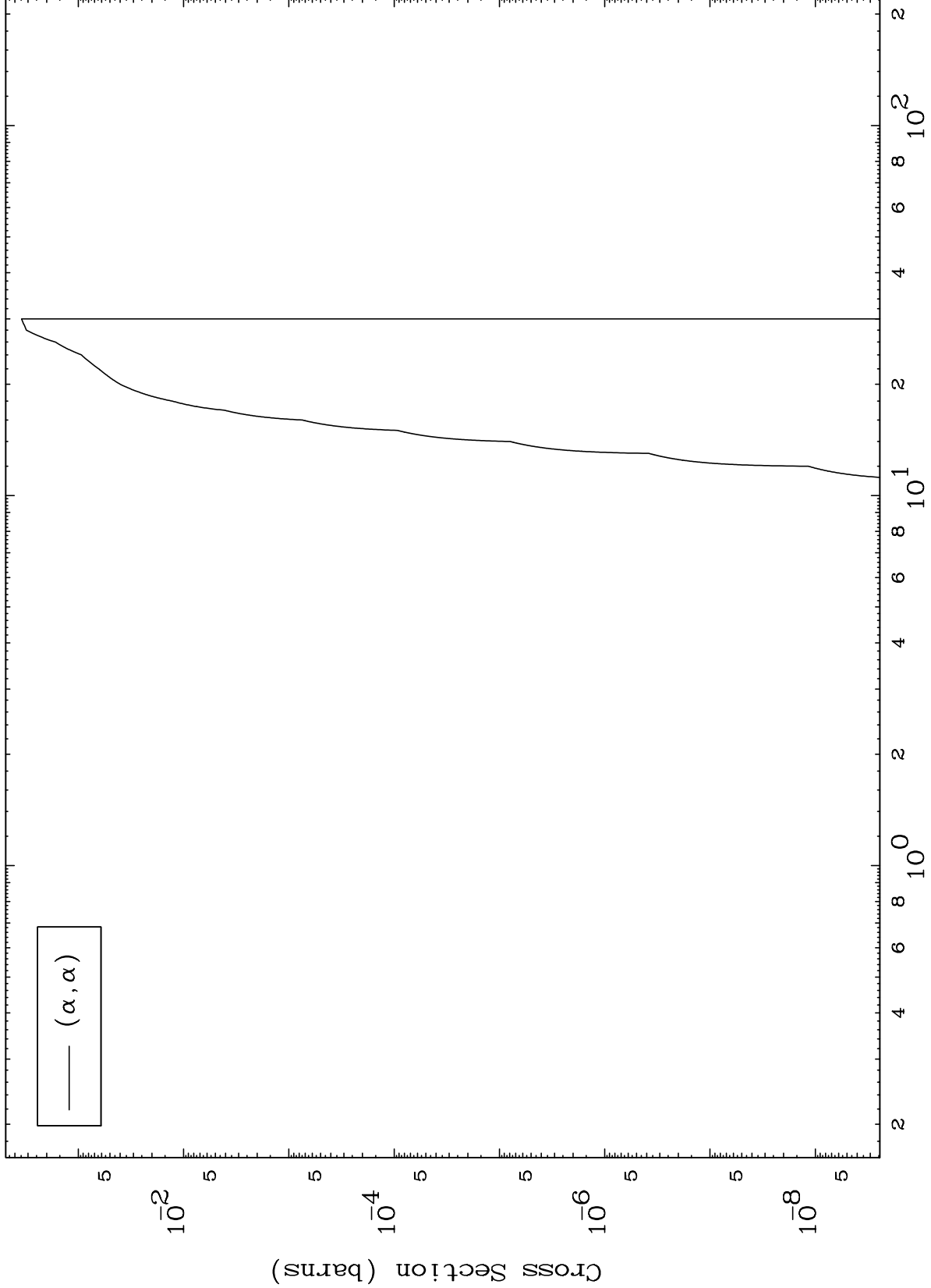


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( $\alpha, \alpha$ ) Levels

63-Eu-140

0 Kelvin Cross Sections



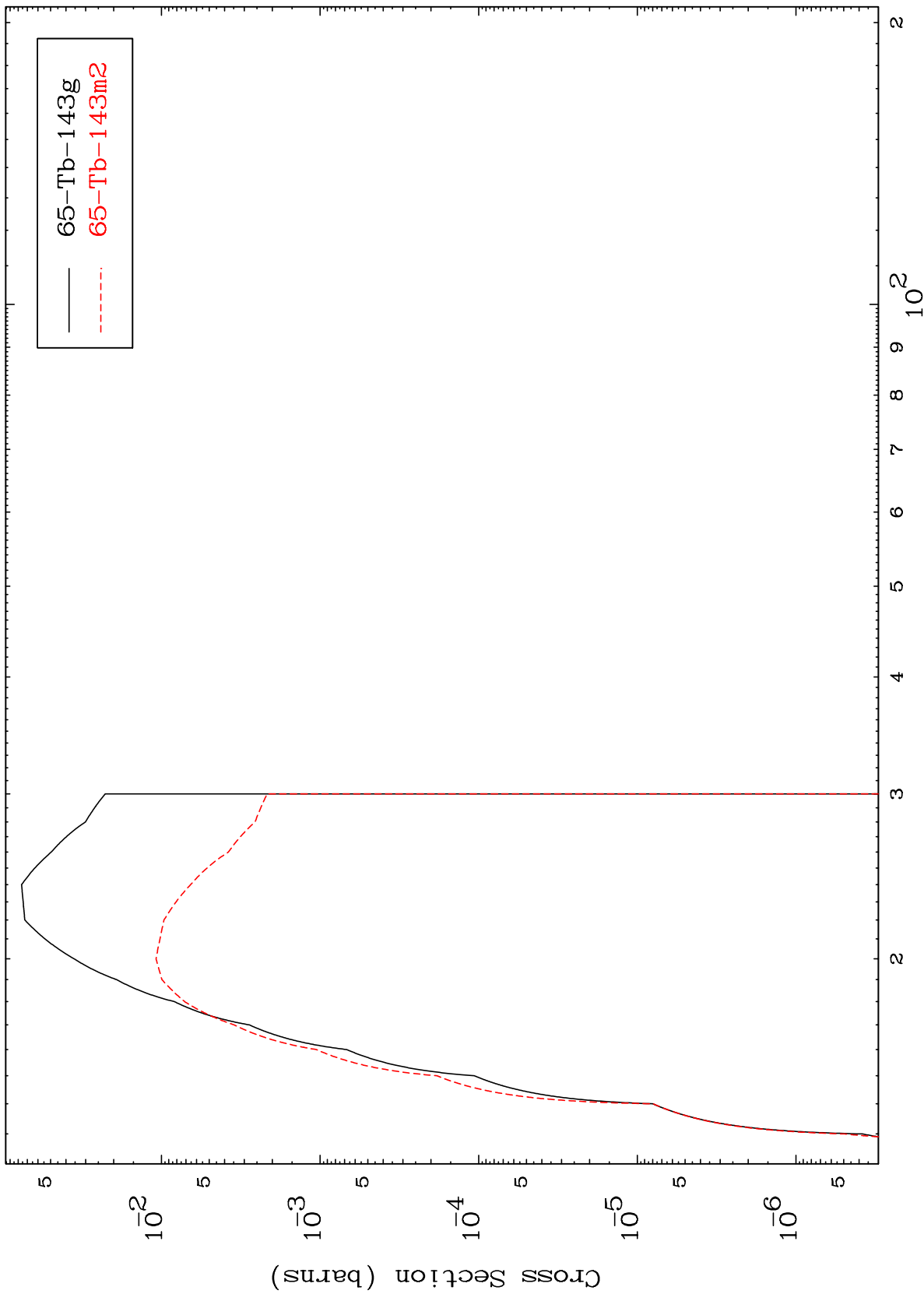
10

Incident Energy (MeV)

63-Eu-140

Radionuclide Production Cross Section

$\alpha$  Inelastic

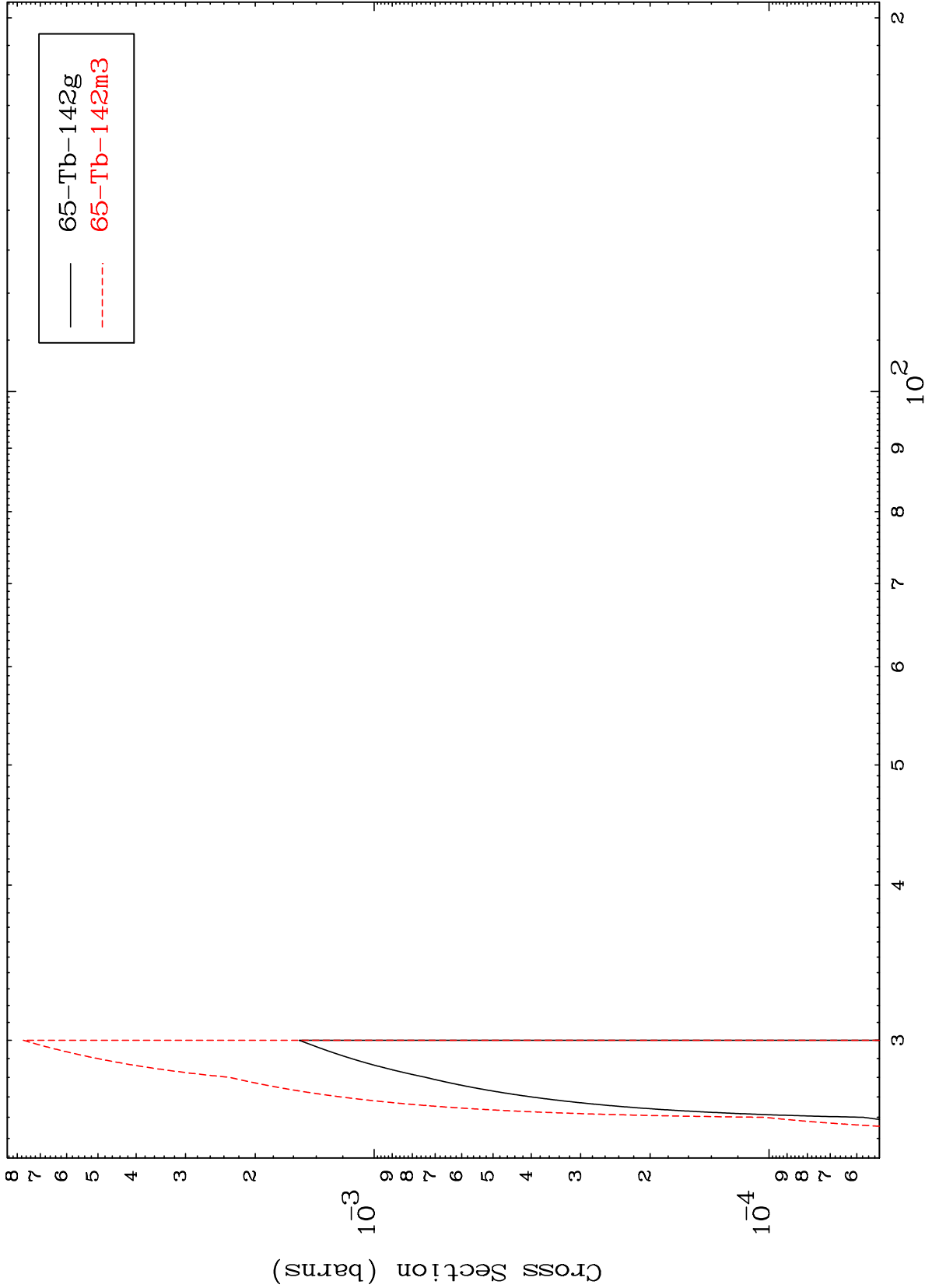


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( $\alpha, 2n$ )

63-Eu-140

Radionuclide Production Cross Section



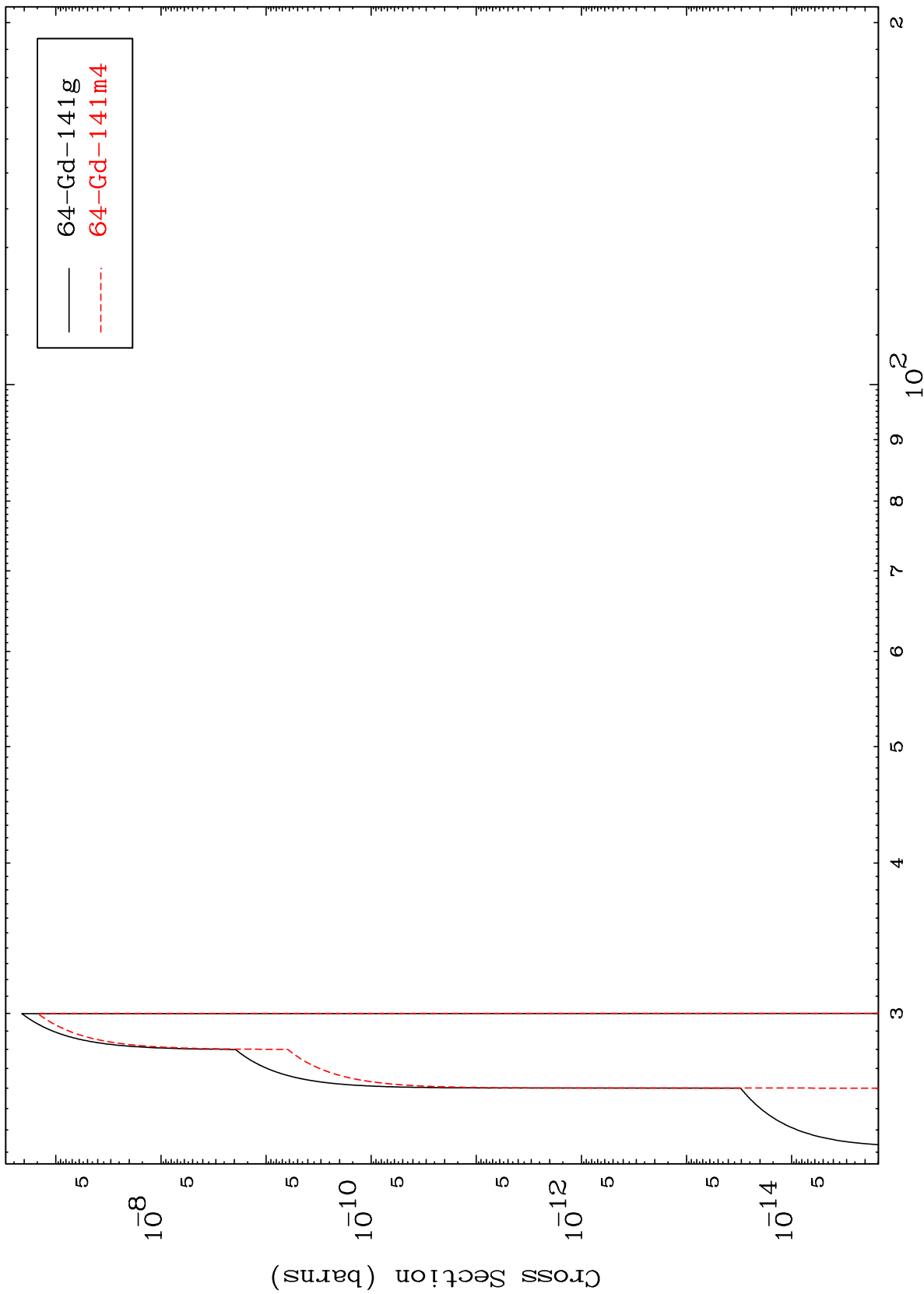
65-Tb-142g  
65-Tb-142m3

12

Incident Energy (MeV)

63-Eu-140

Radionuclide Production Cross Section

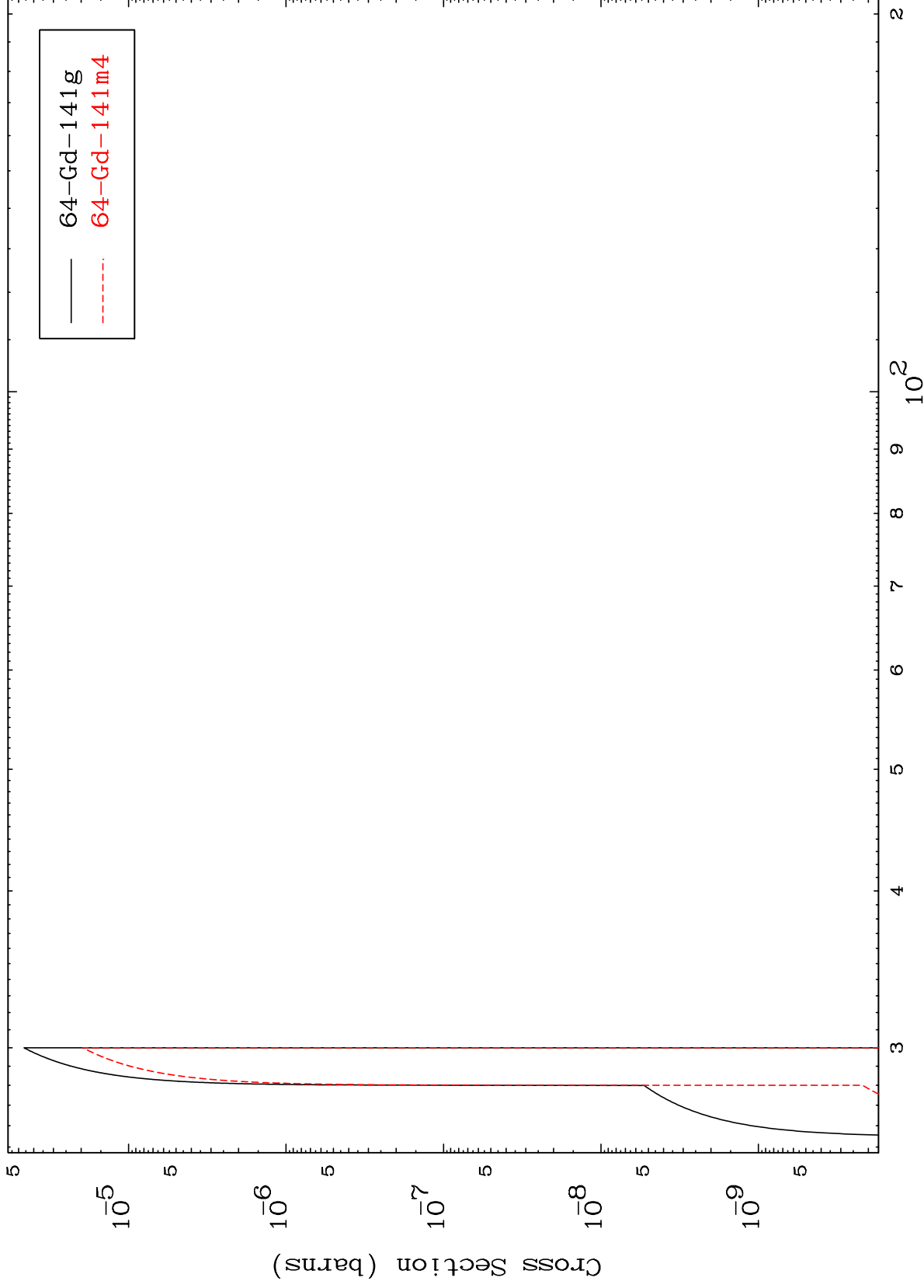


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$(\alpha, 2n)$  p

63-Eu-140

Radionuclide Production Cross Section

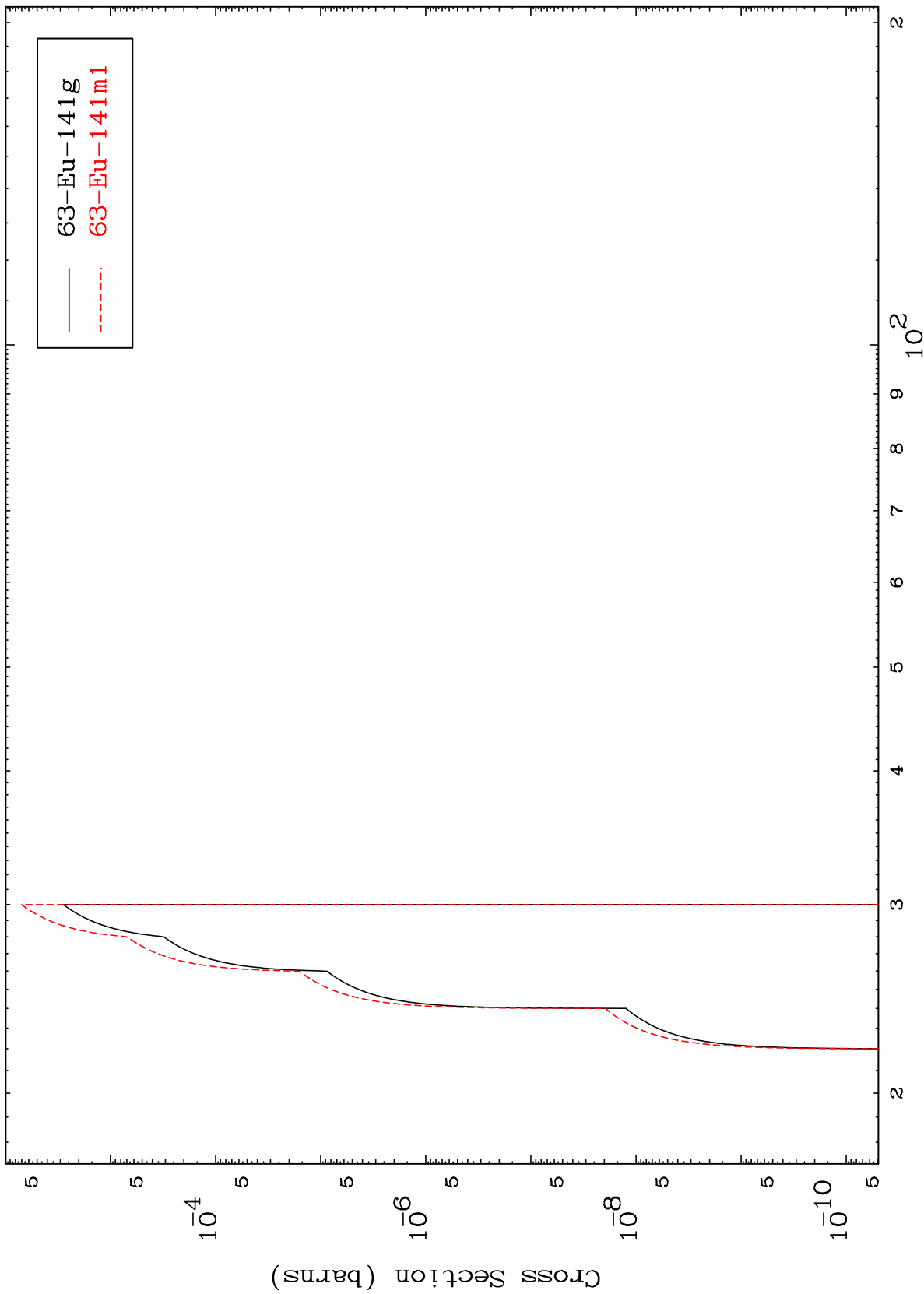


14

Incident Energy (MeV)

63-Eu-140

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

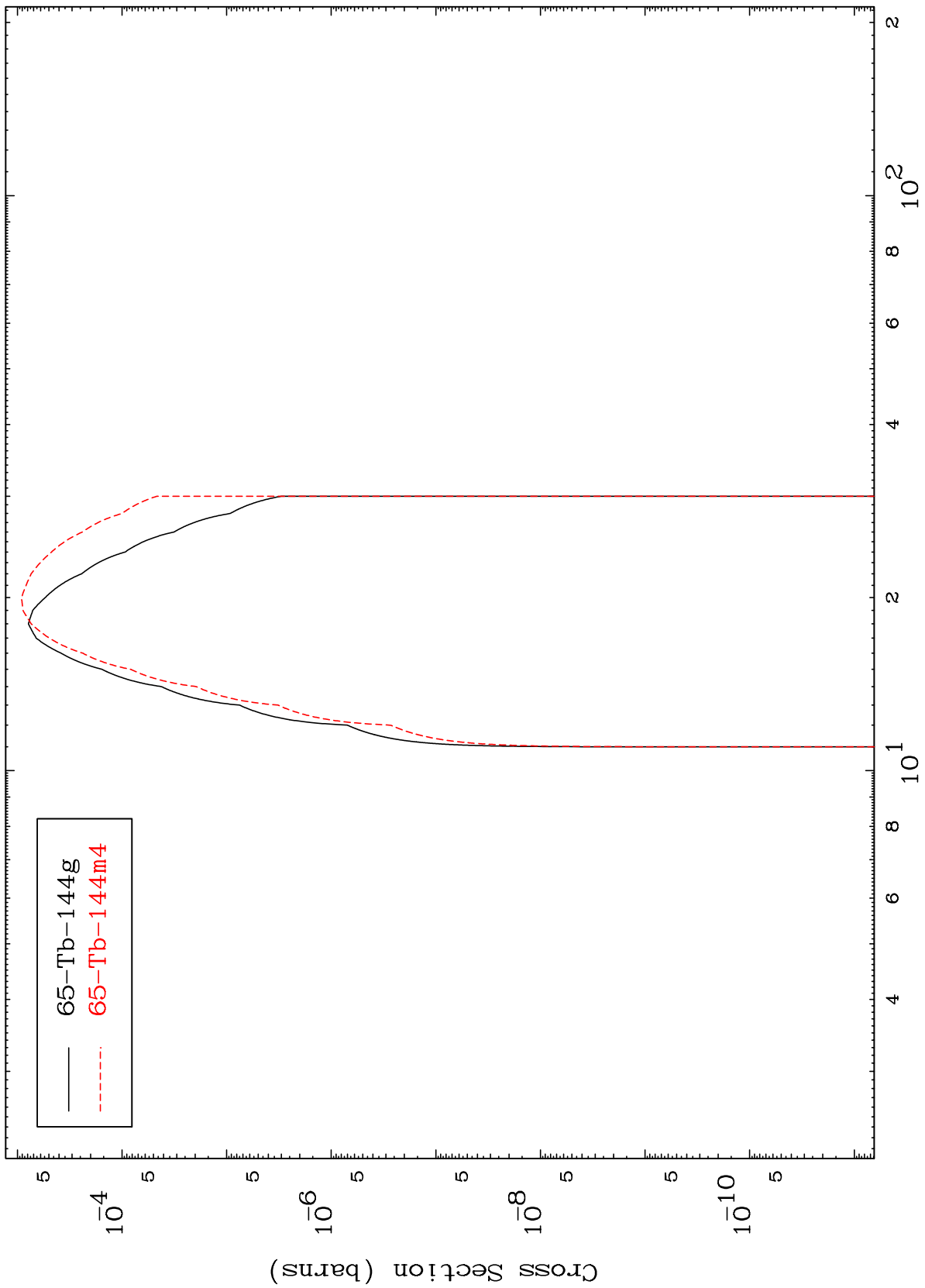




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63-Eu-140

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



16

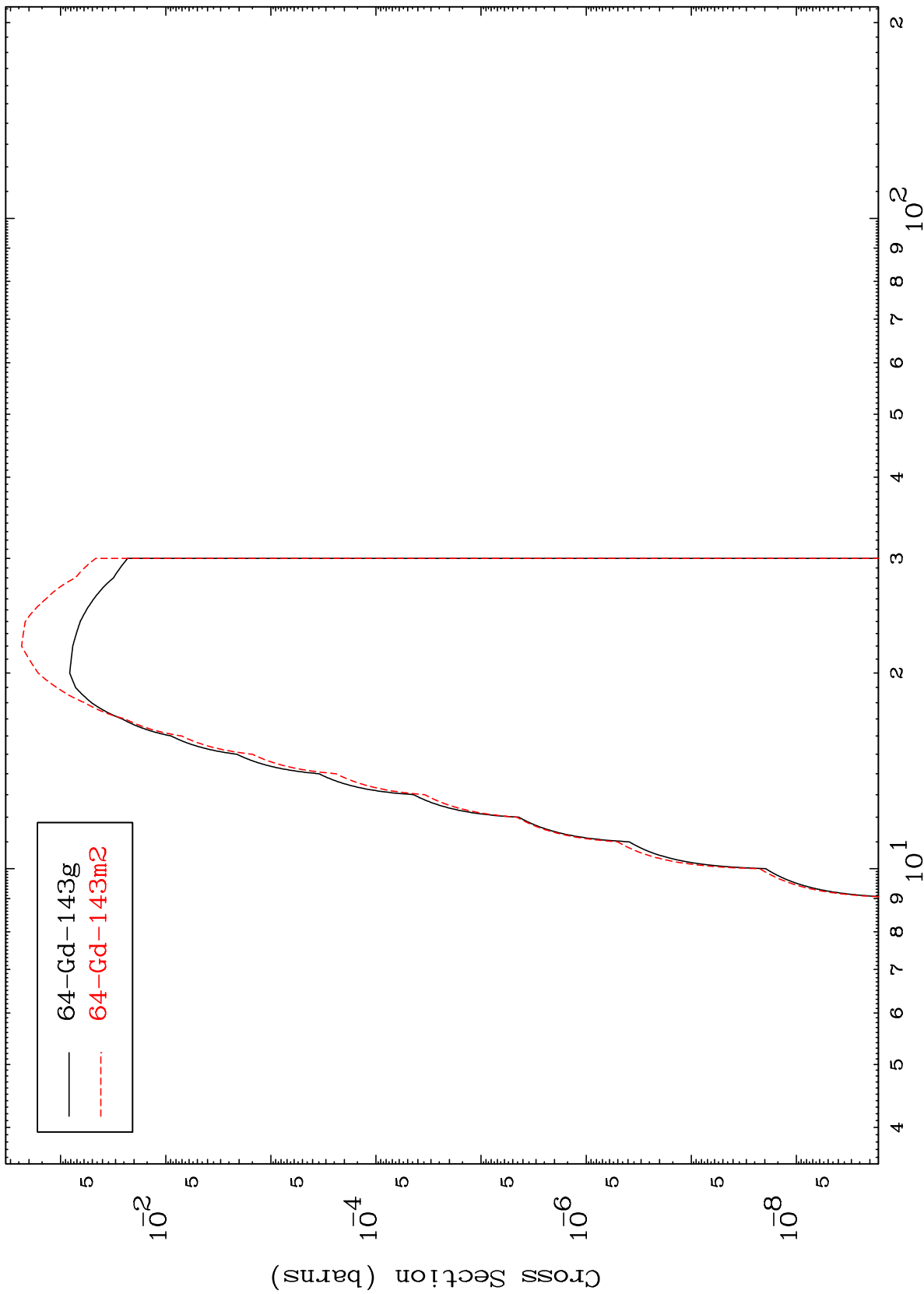
63-Eu-140

Incident Energy (MeV)

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63-Eu-140

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



17

Incident Energy (MeV)

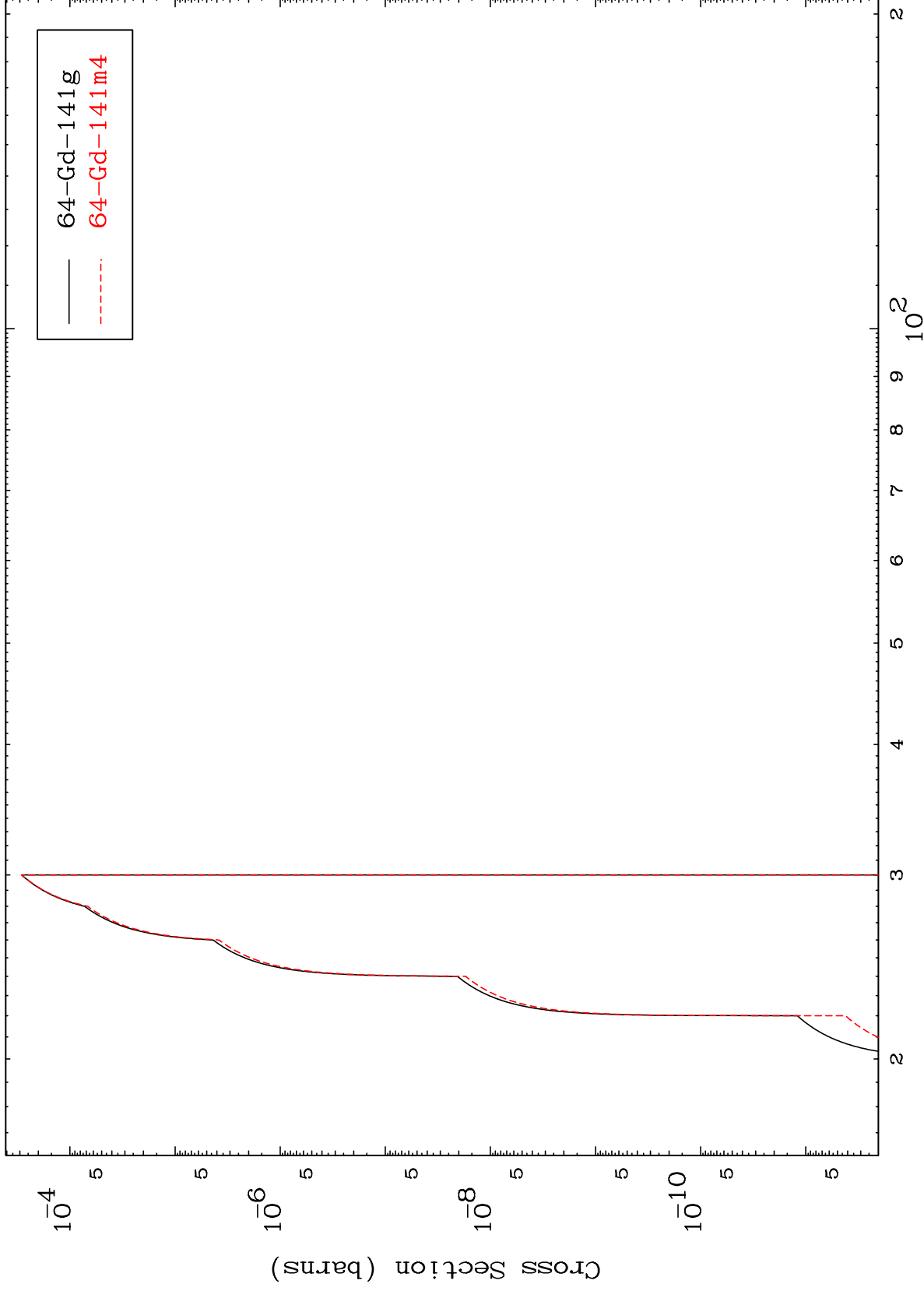
63-Eu-140

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( $\alpha, t$ )

63-Eu-140

Radionuclide Production Cross Section



18

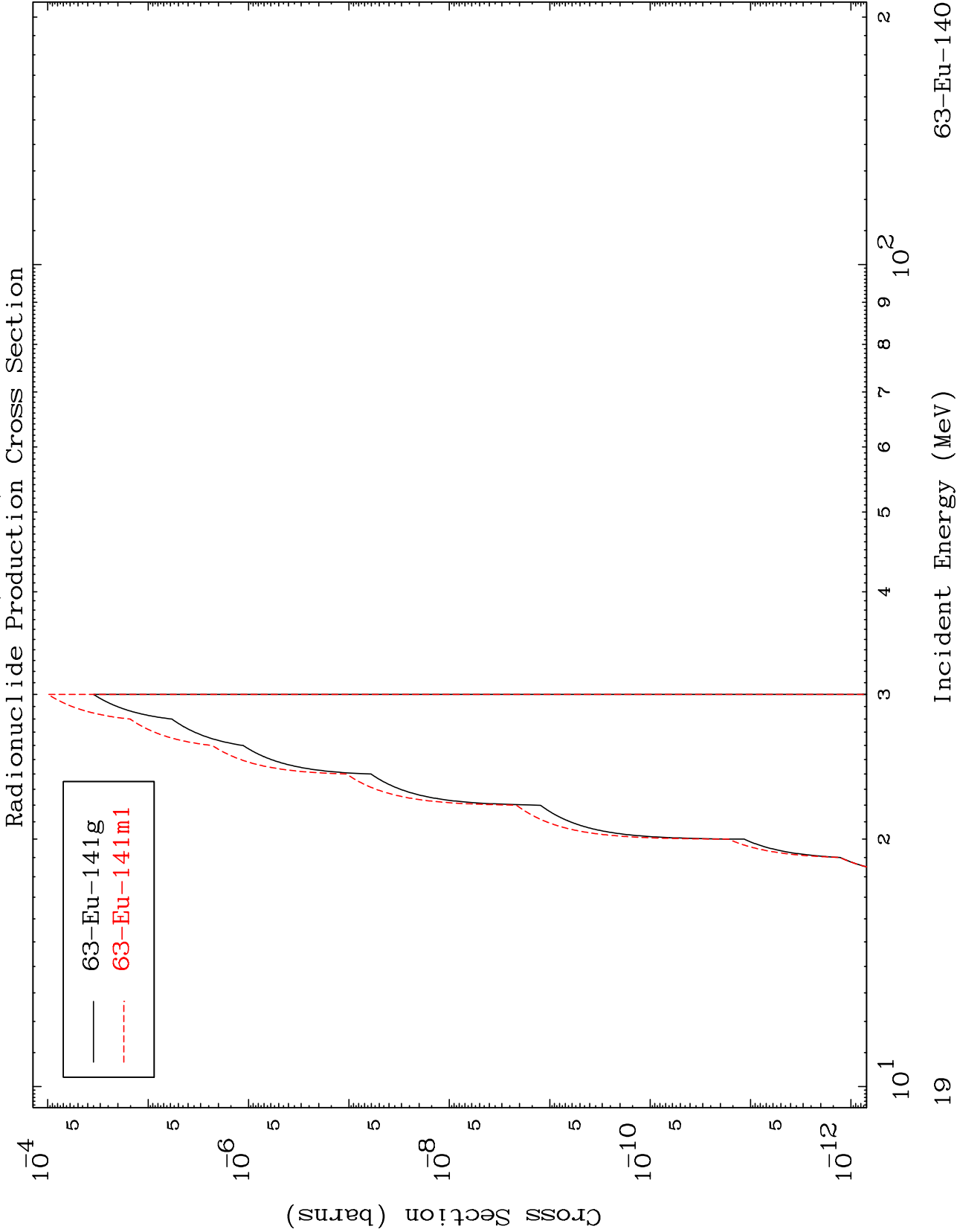
Incident Energy (MeV)

63-Eu-140

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( $\alpha$ ,He-3)

63-Eu-140

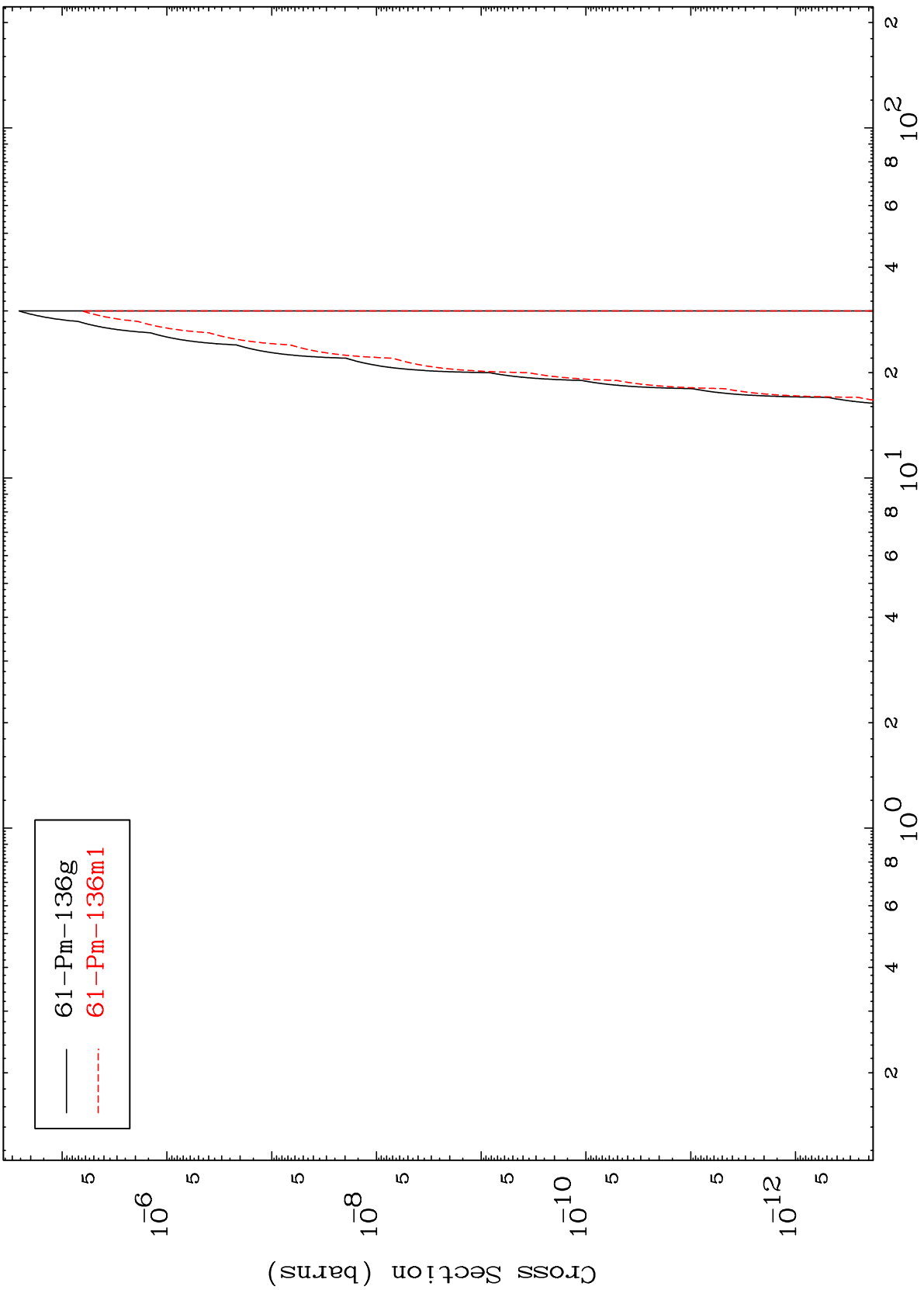


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63-Eu-140

( $\alpha, 2\alpha$ )

Radionuclide Production Cross Section



20

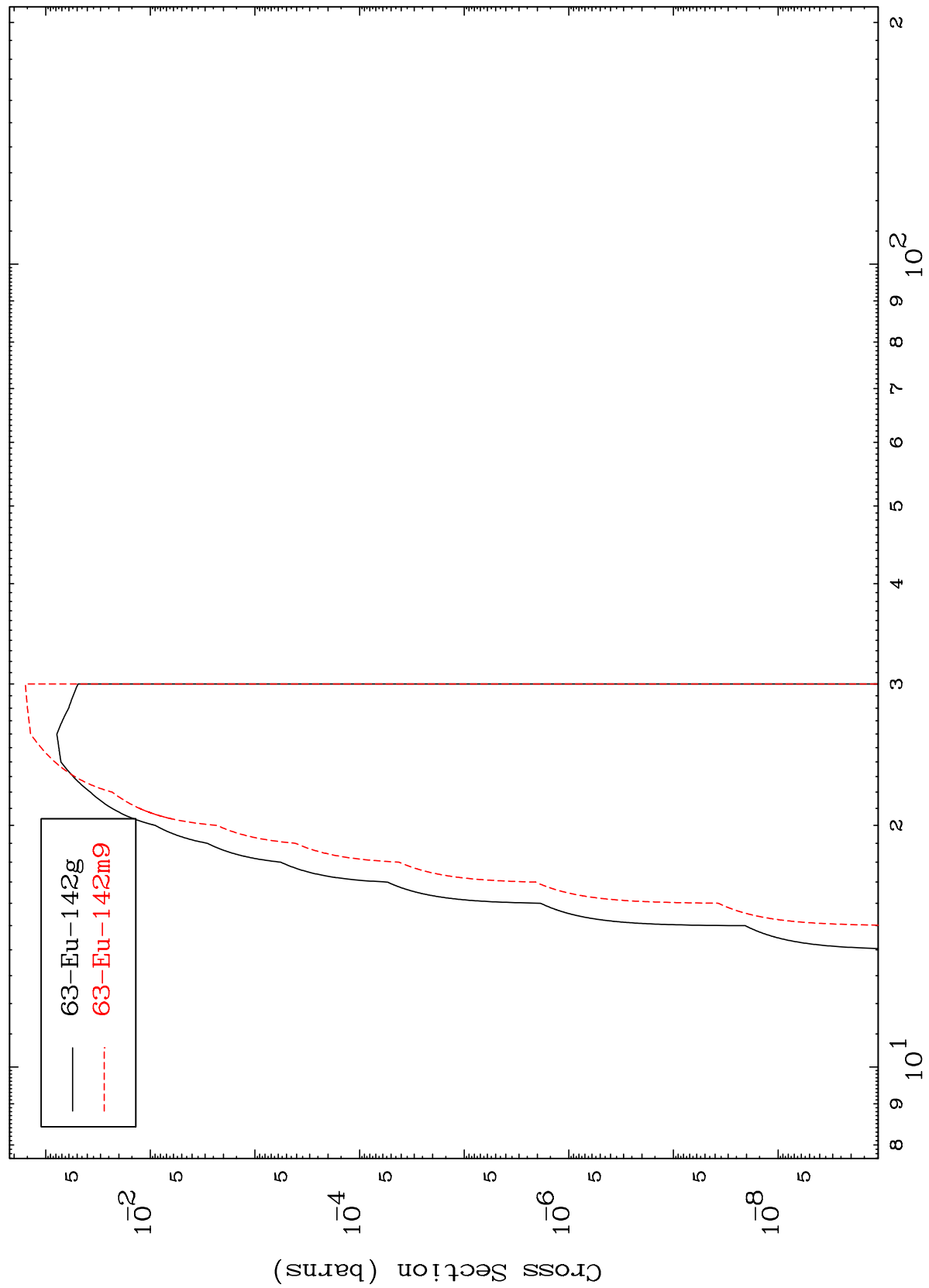
Incident Energy (MeV)

63-Eu-140

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63-Eu-140

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

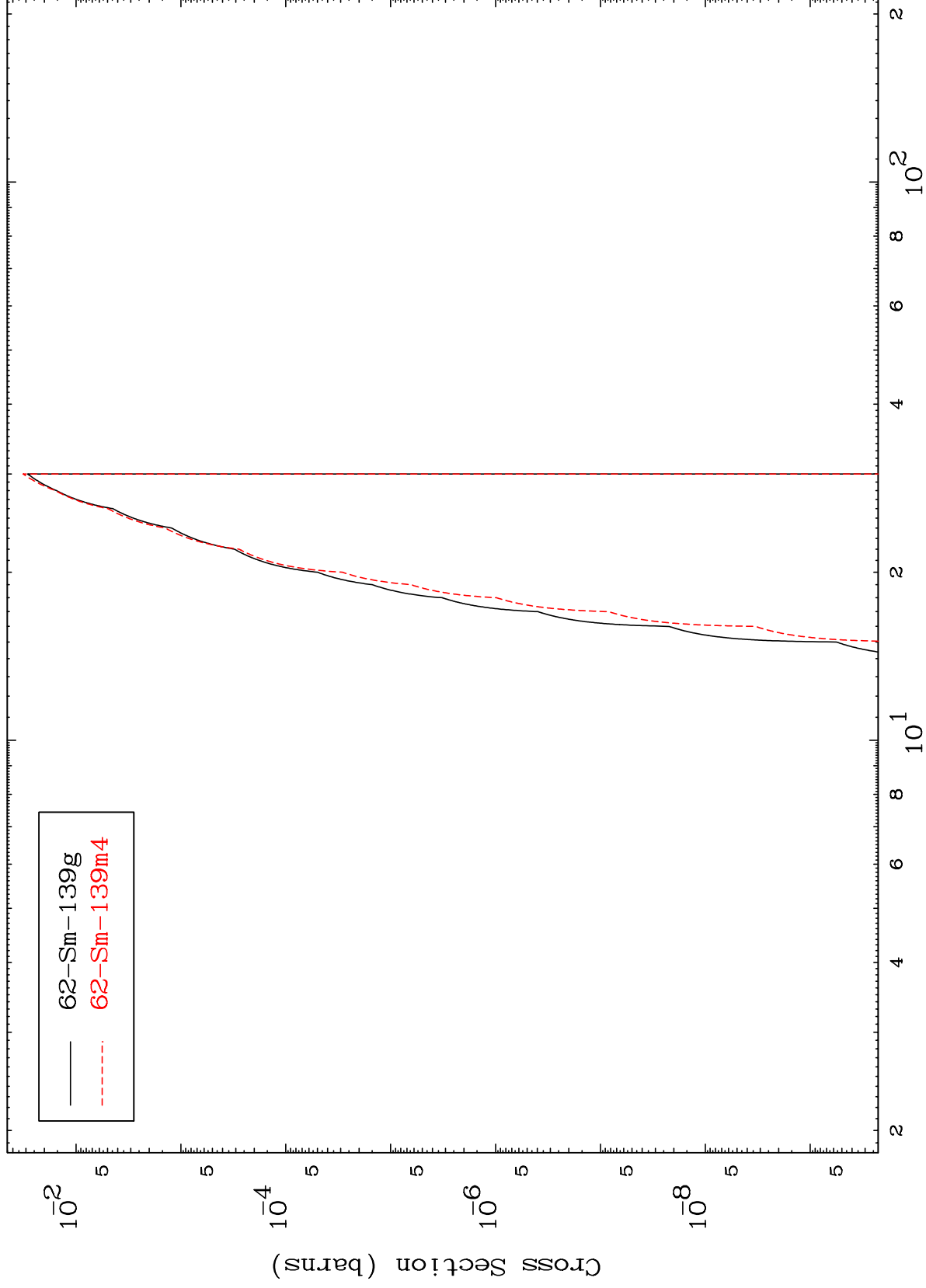


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( $\alpha, p$ )  $\alpha$

63-Eu-140

Radionuclide Production Cross Section



22

Incident Energy (MeV)

63-Eu-140

