

Program EVALPLOT  
(Version 2018-1)

by

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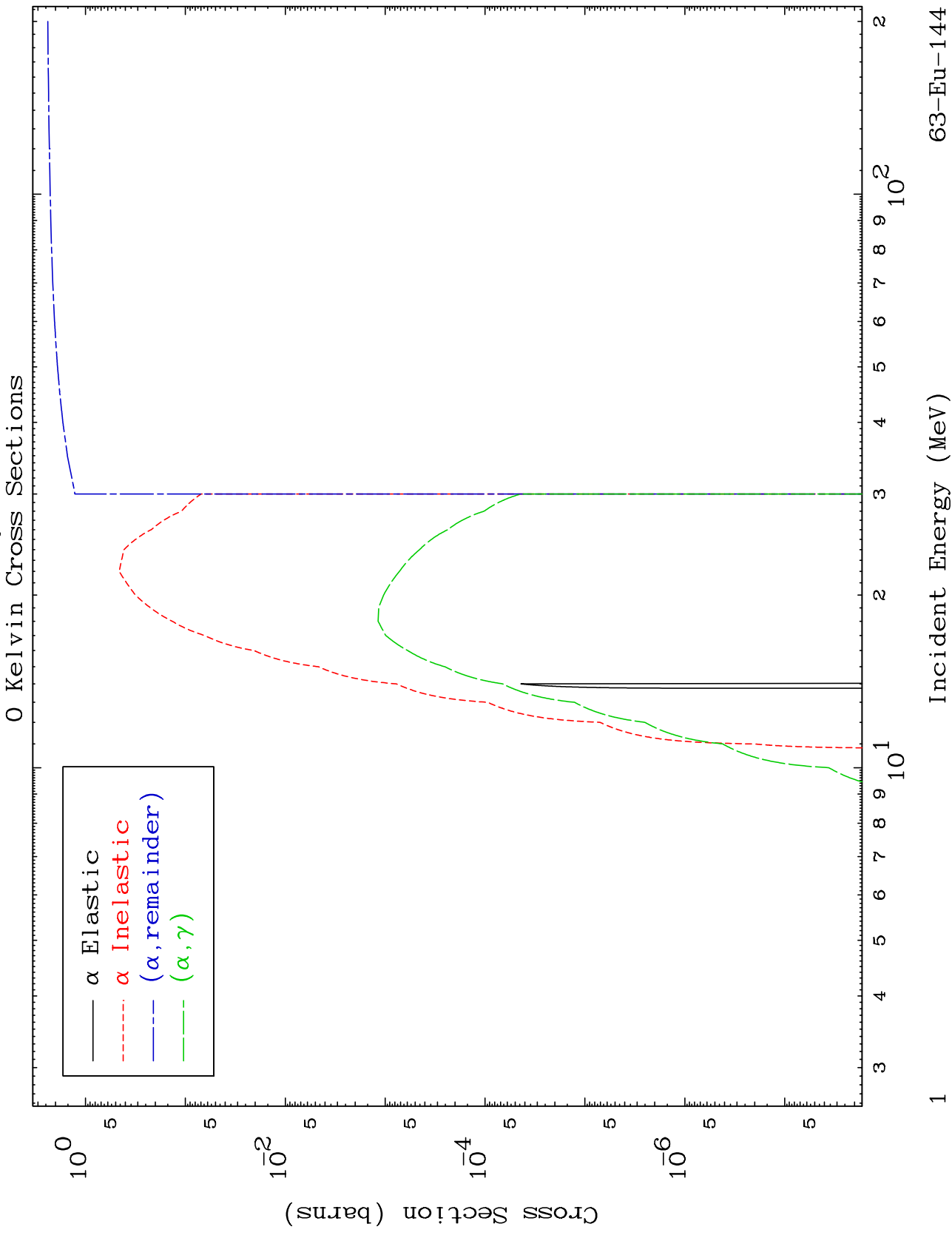
Press Mouse Button to Start

MAT 6304

0 Kelvin

$\alpha$  Major

63-Eu-144



1

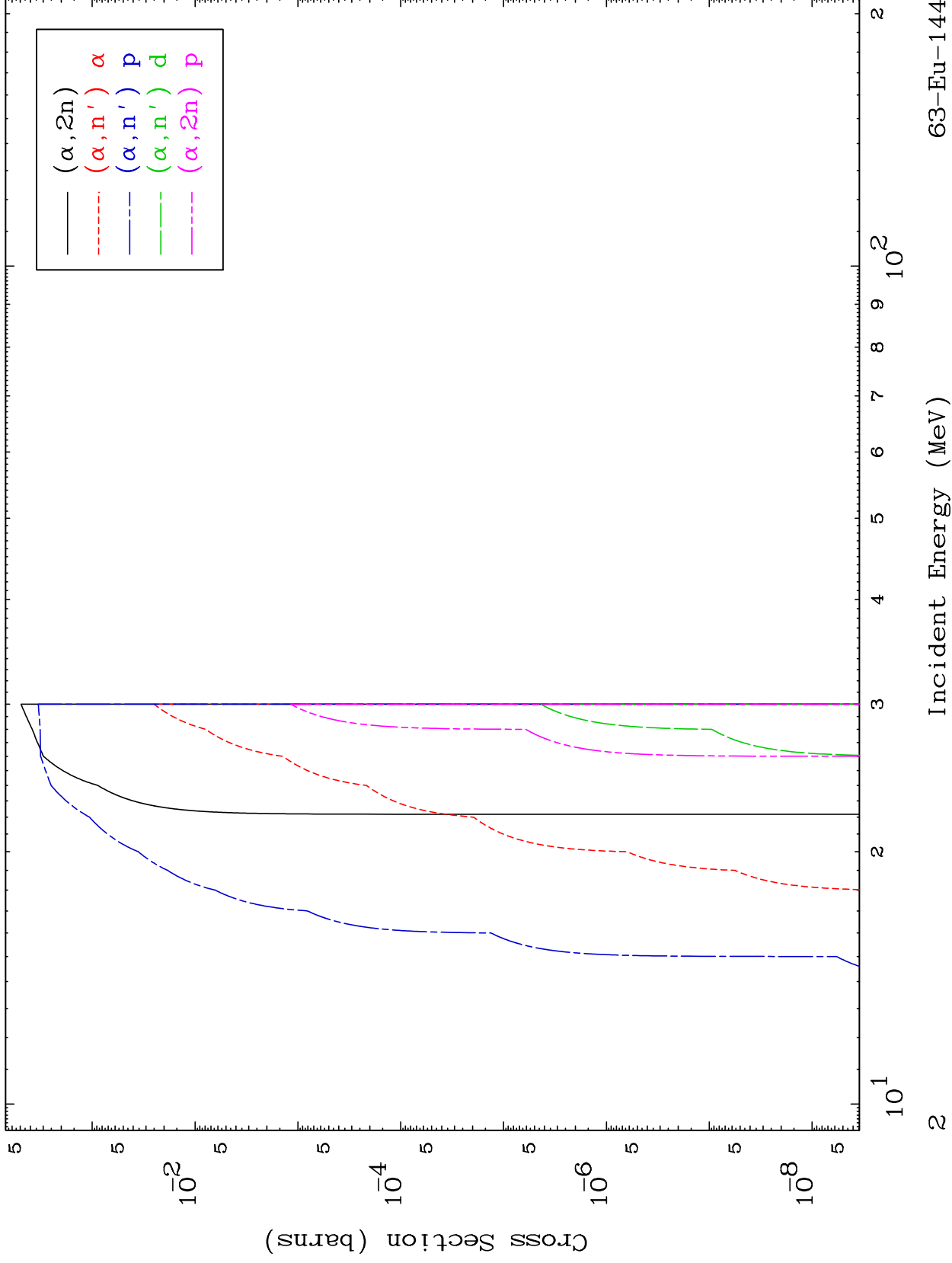
Incident Energy (MeV)

63-Eu-144

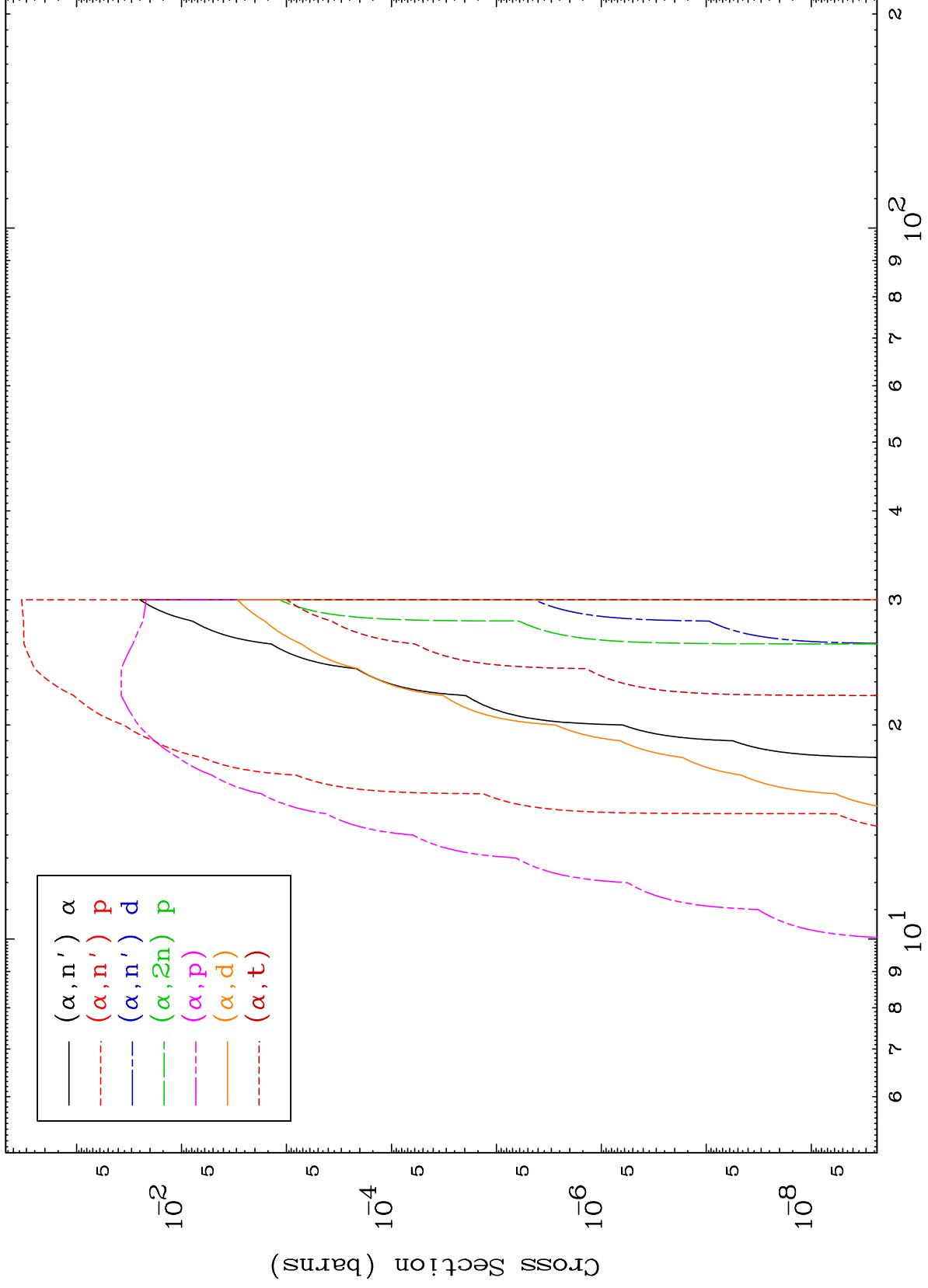
MAT 6304

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

63-Eu-144



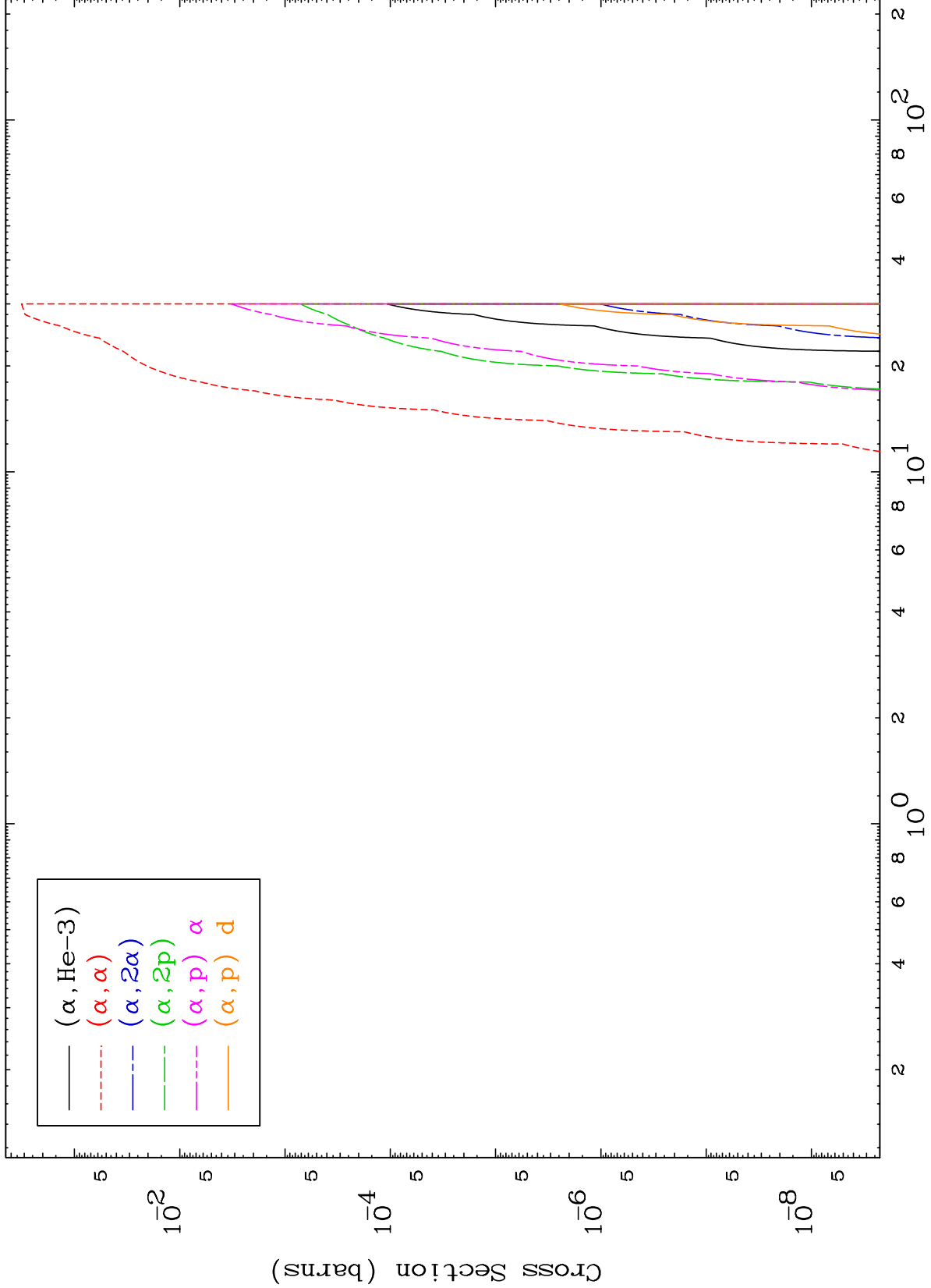
63-Eu-144



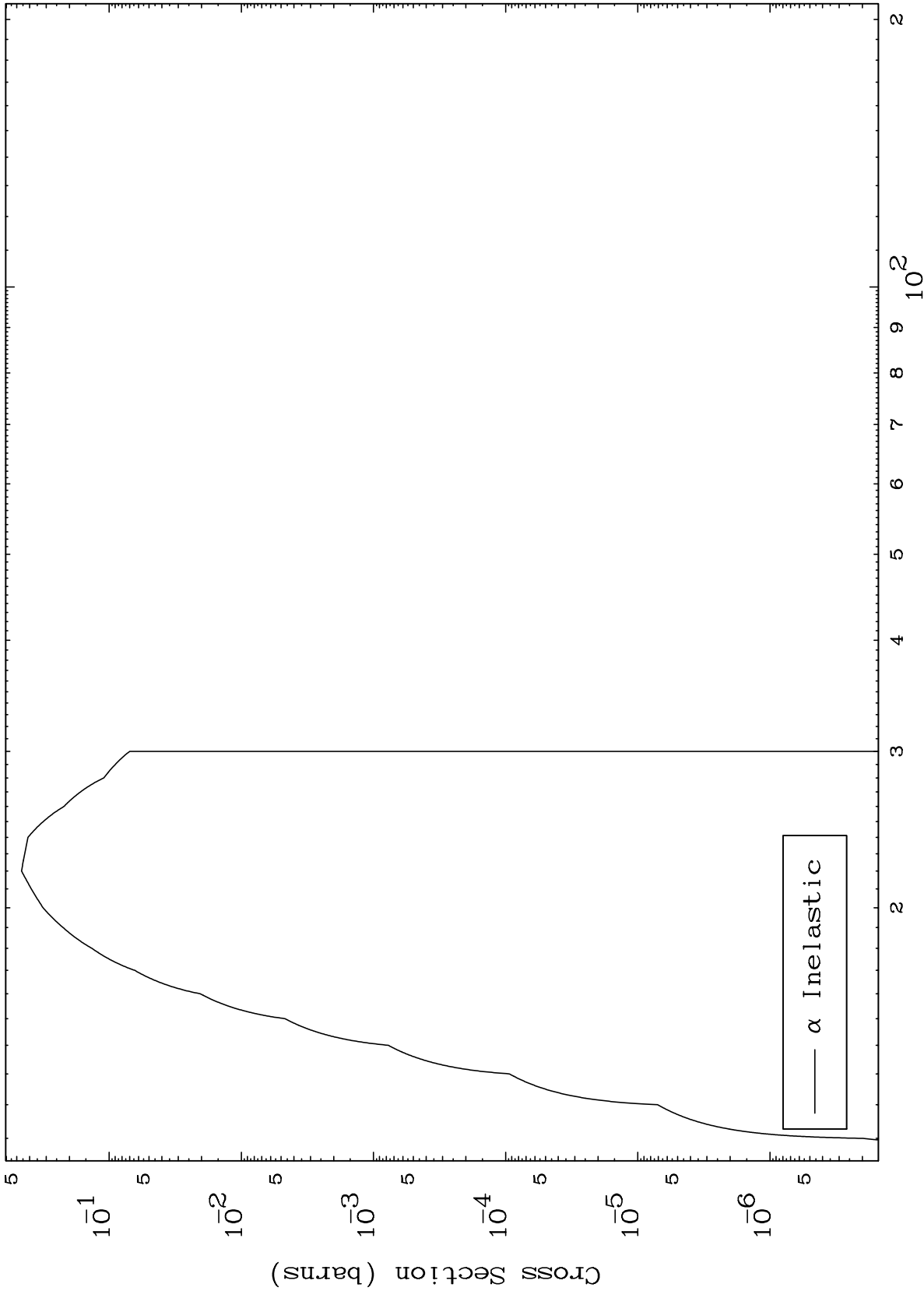
MAT 6304

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

63-Eu-144



0 Kelvin Cross Sections

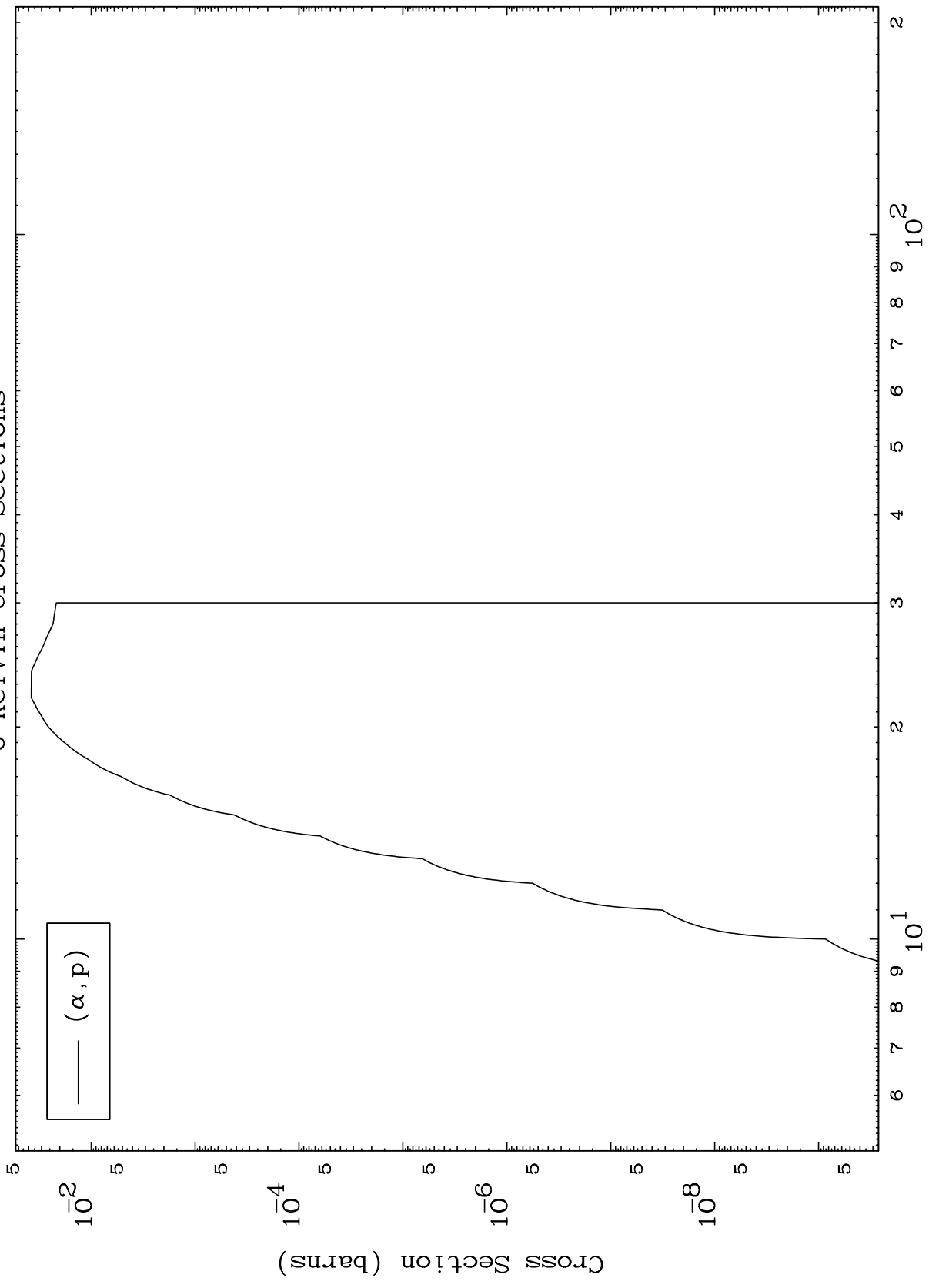


MAT 6304

( $\alpha, p$ ) Levels

63-Eu-144

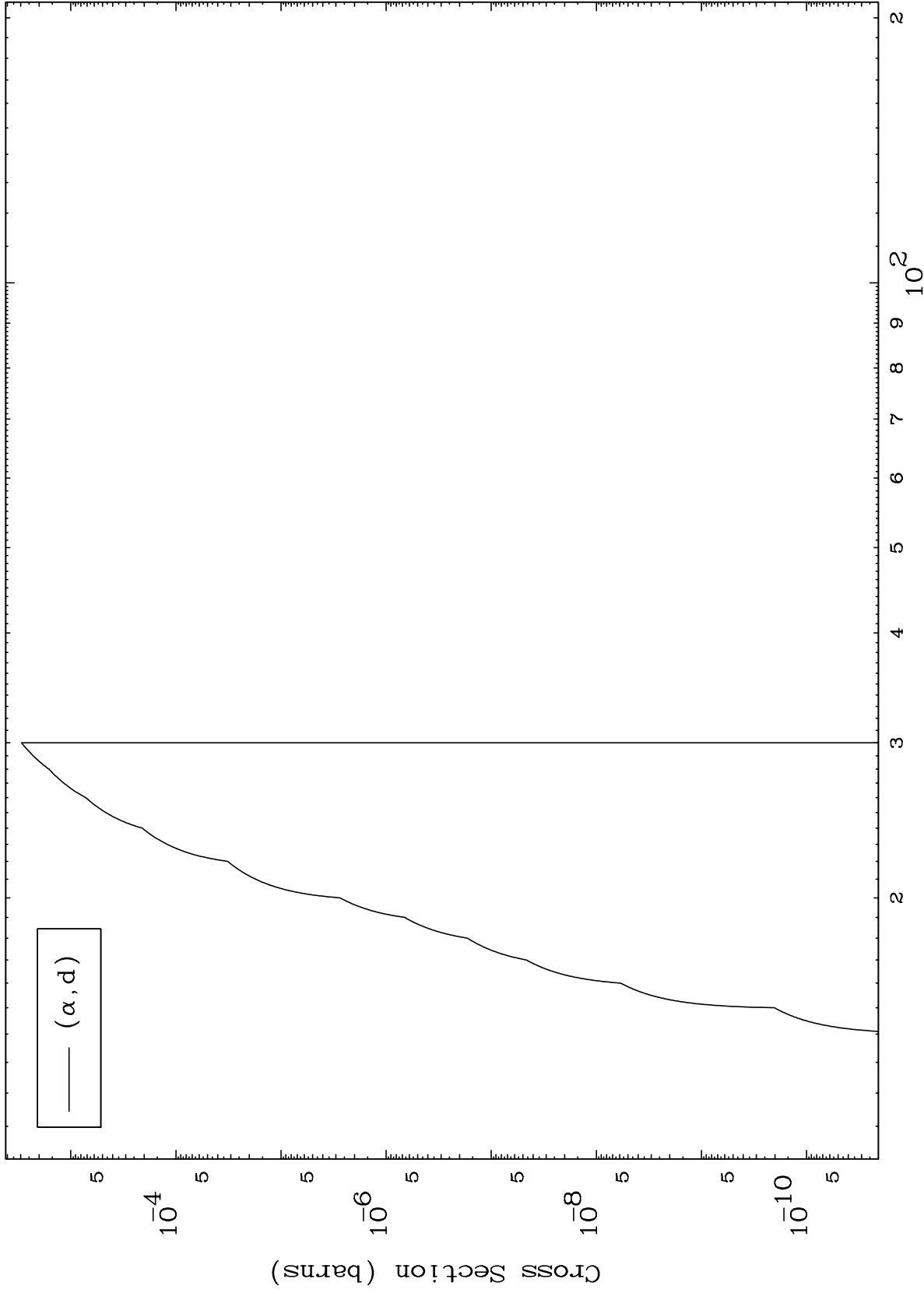
0 Kelvin Cross Sections



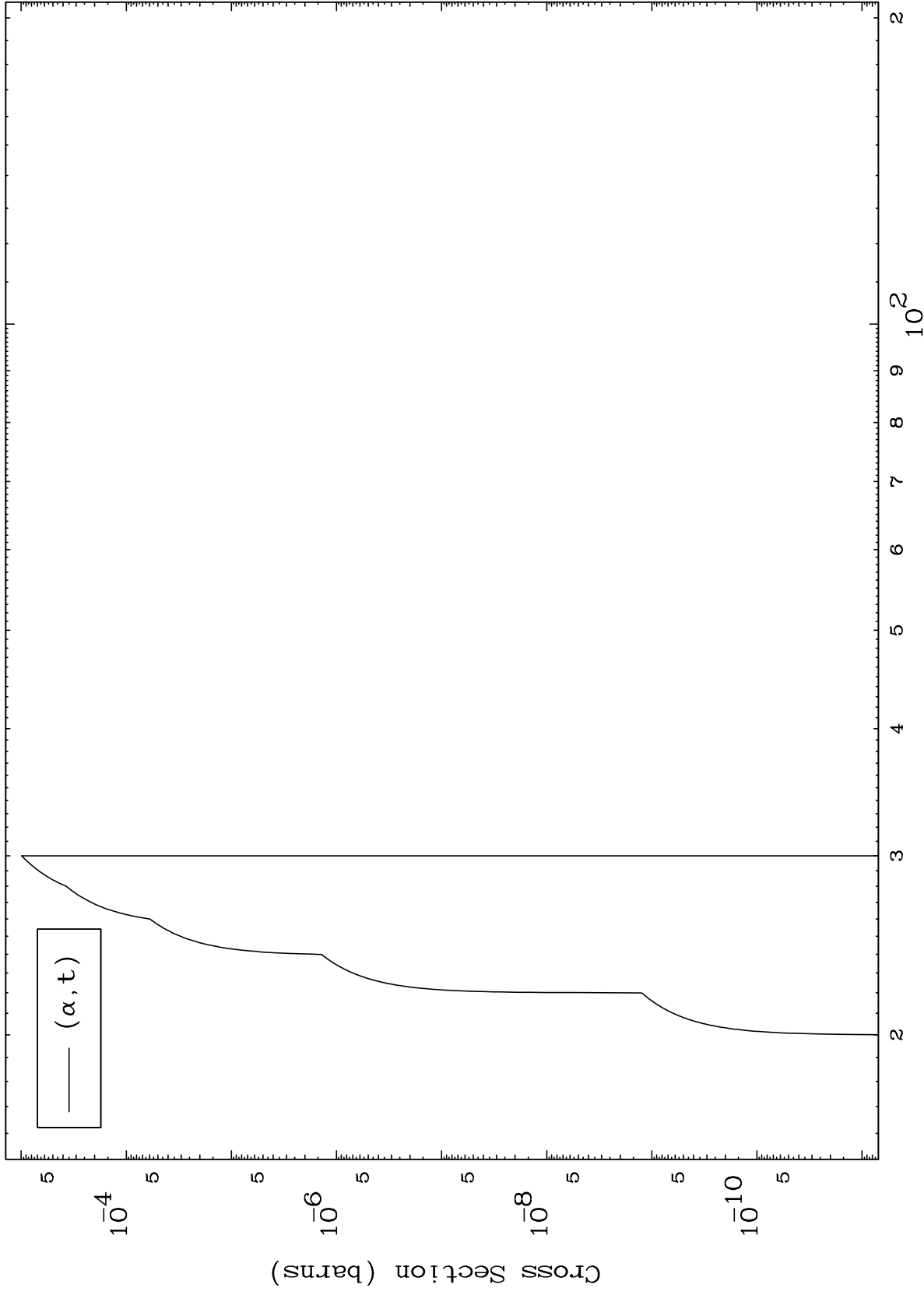
6

Incident Energy (MeV)

63-Eu-144



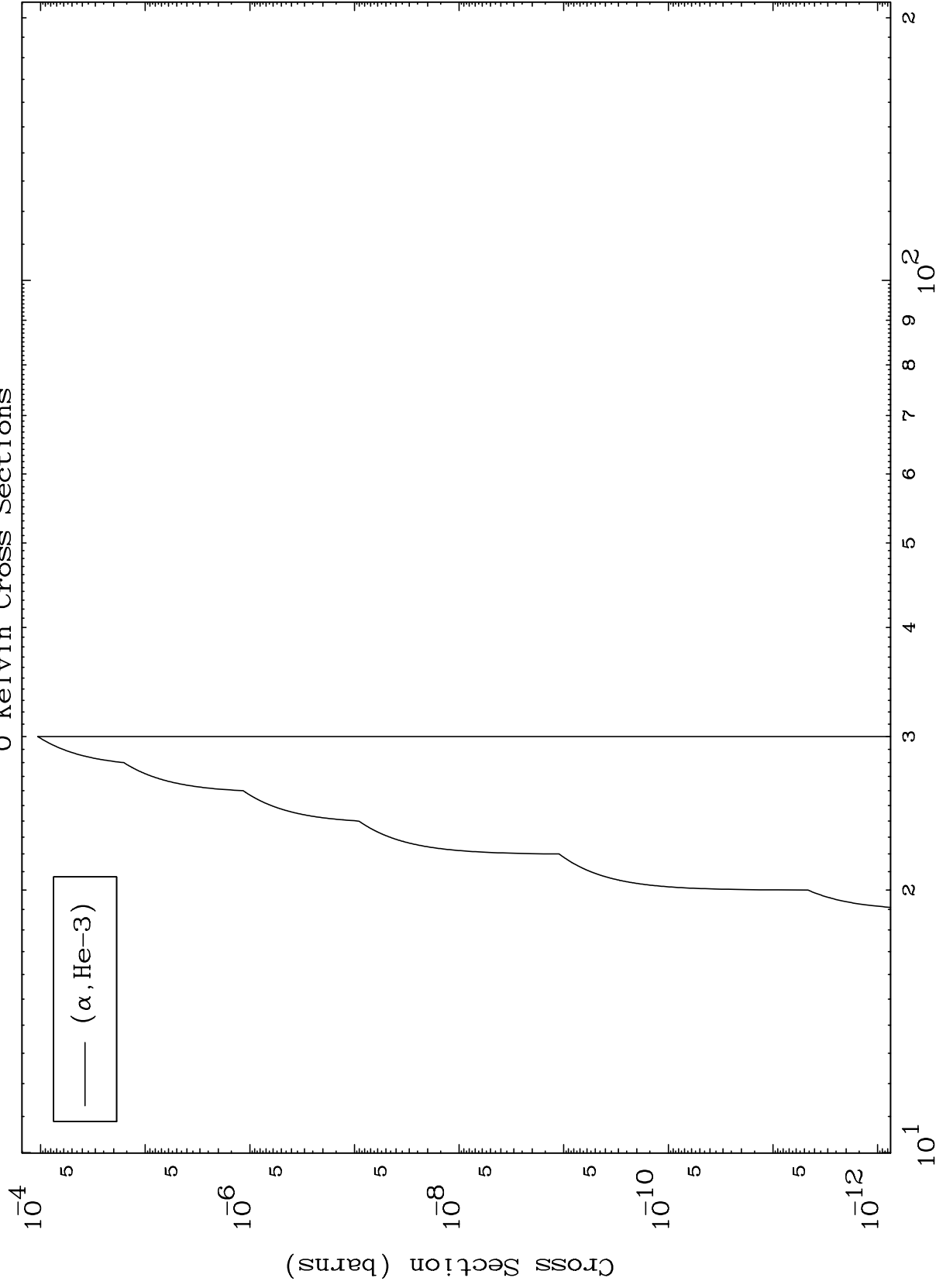




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( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

63-Eu-144



Incident Energy (MeV)

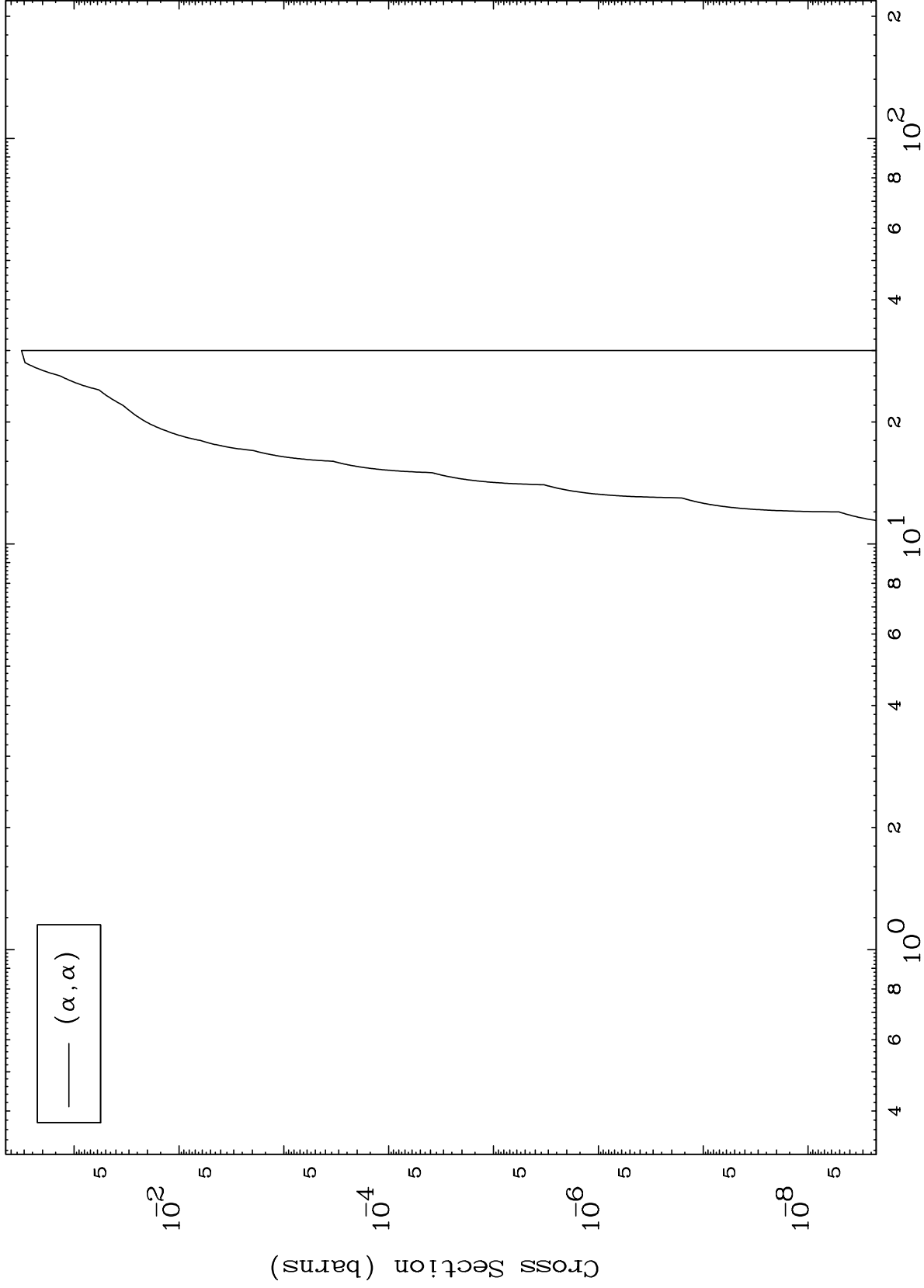
63-Eu-144

MAT 6304

( $\alpha, \alpha$ ) Levels

63-Eu-144

0 Kelvin Cross Sections

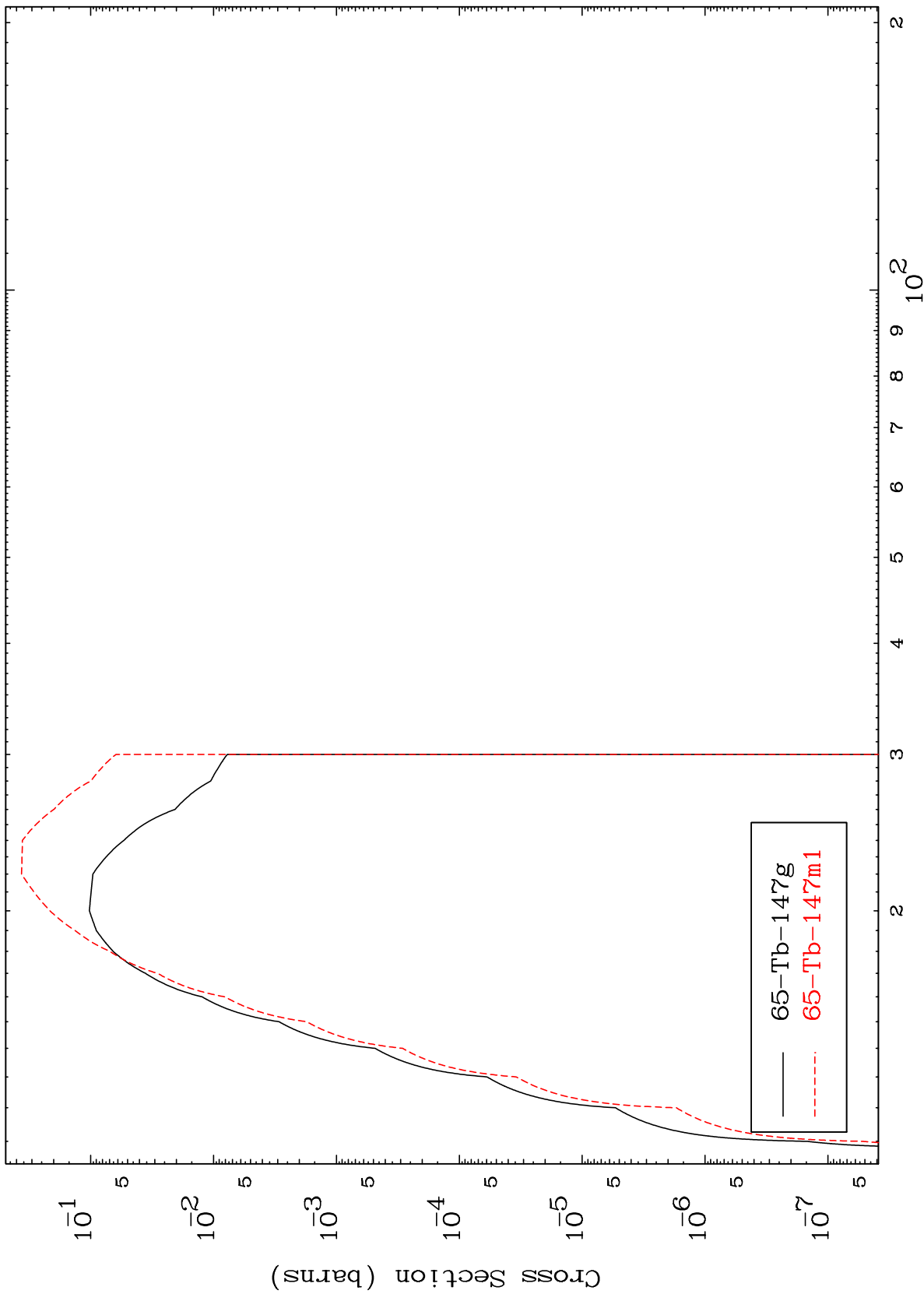


10

Incident Energy (MeV)

63-Eu-144

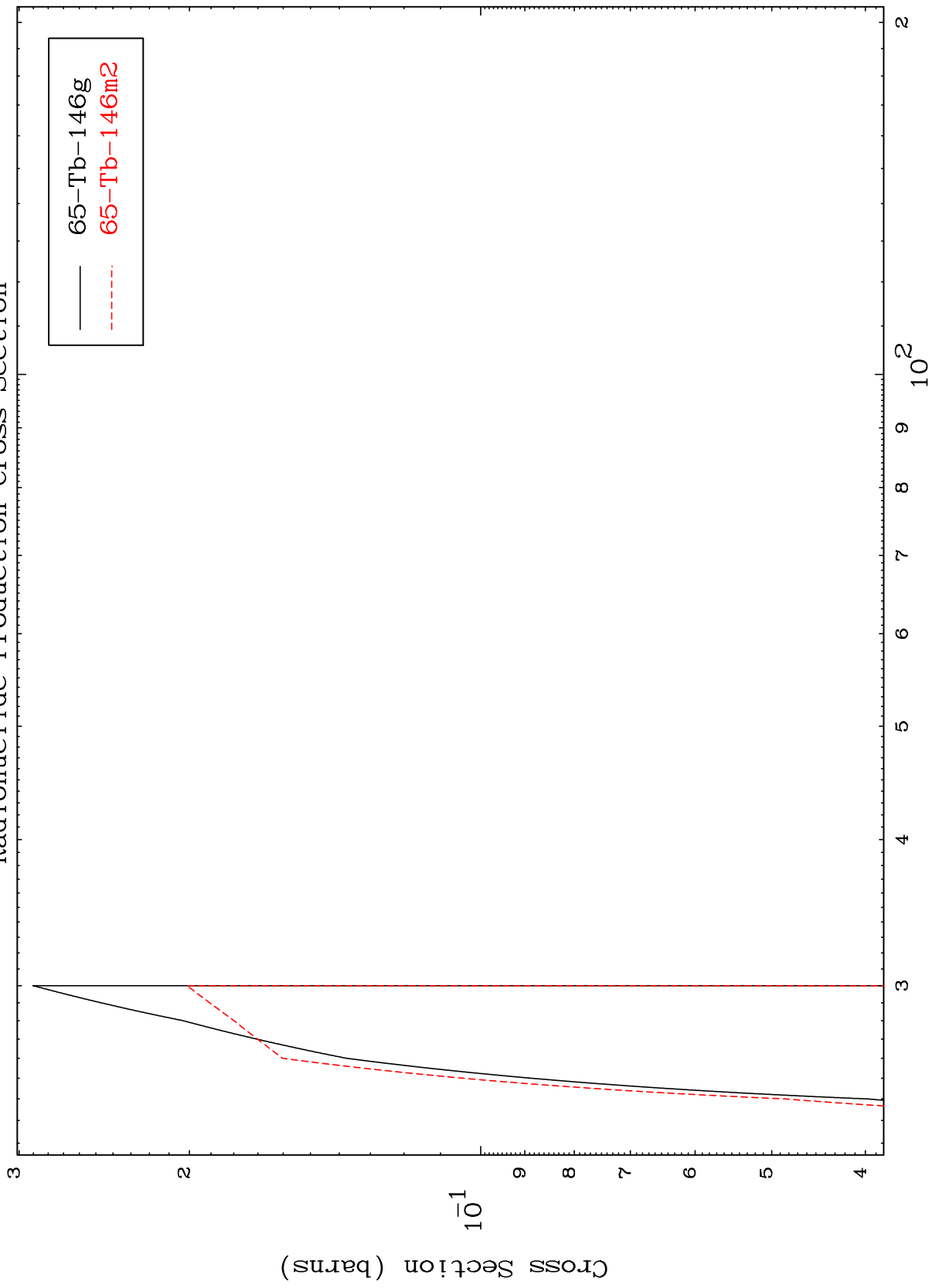
Radionuclide Production Cross Section  
 $\alpha$  Inelastic



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63-Eu-144

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



63-Eu-144

Incident Energy (MeV)

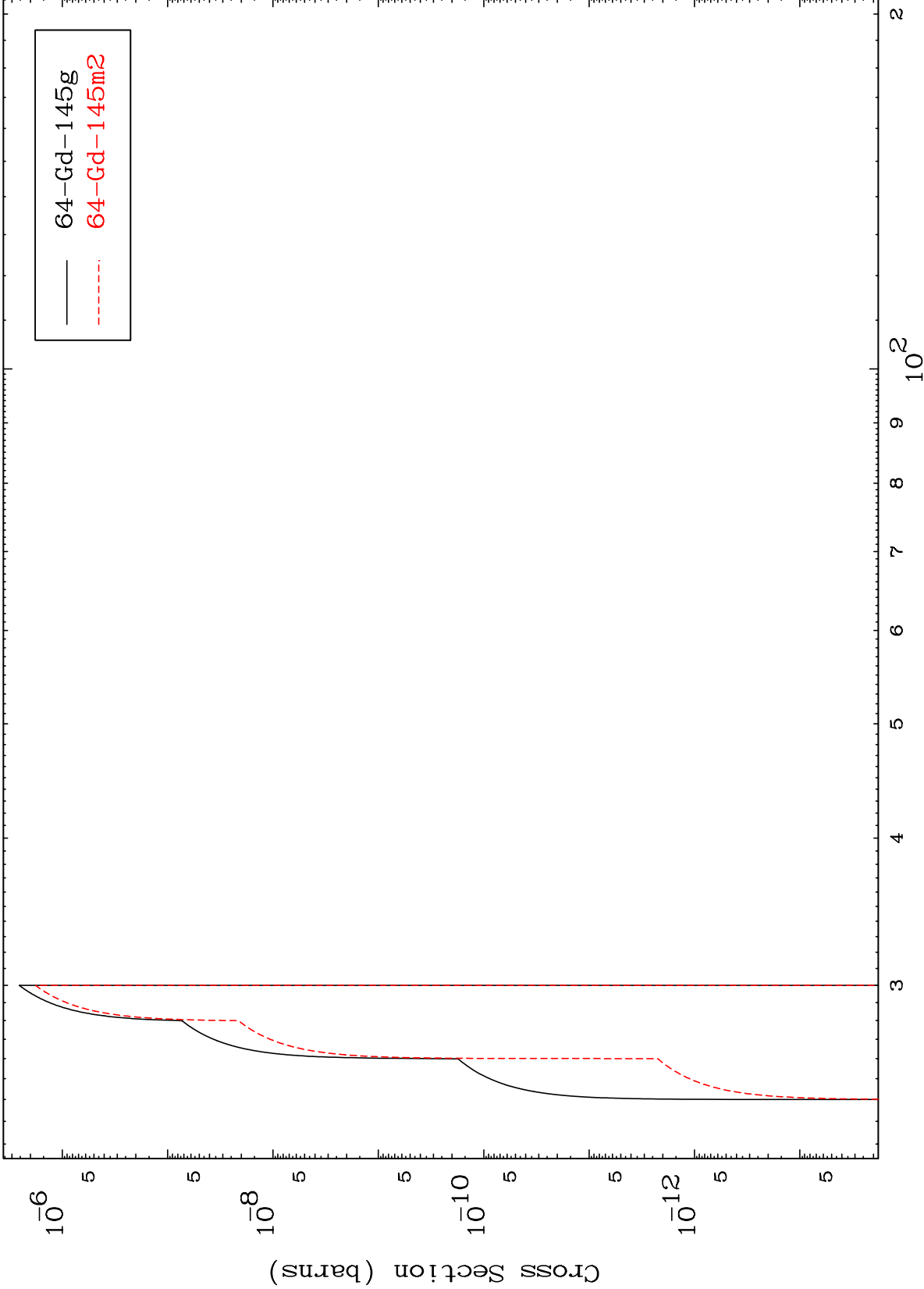
12

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$(\alpha, n')$  d

63-Eu-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

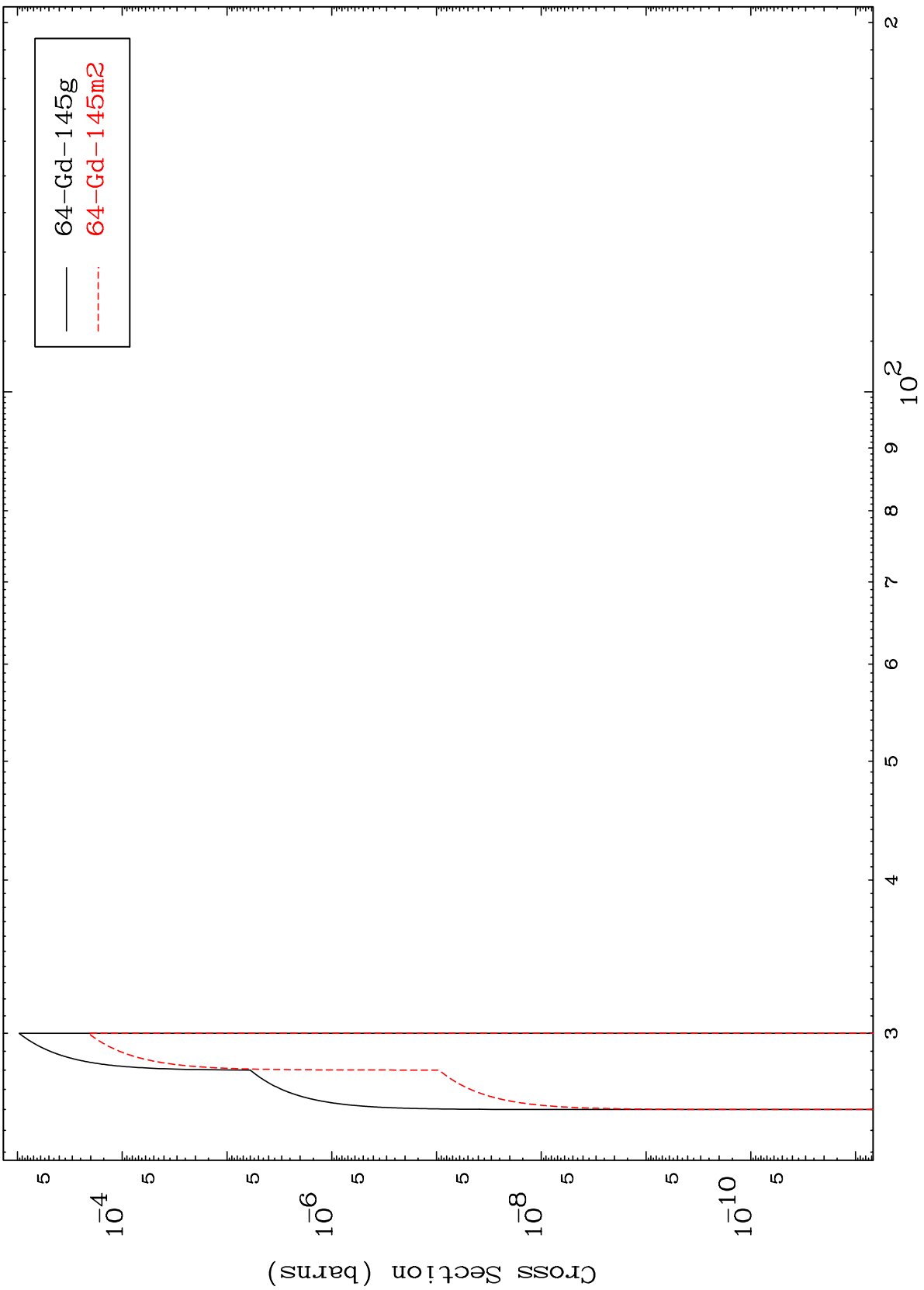
63-Eu-144

MAT 6304

( $\alpha, 2n$ ) p

63-Eu-144

Radionuclide Production Cross Section



14

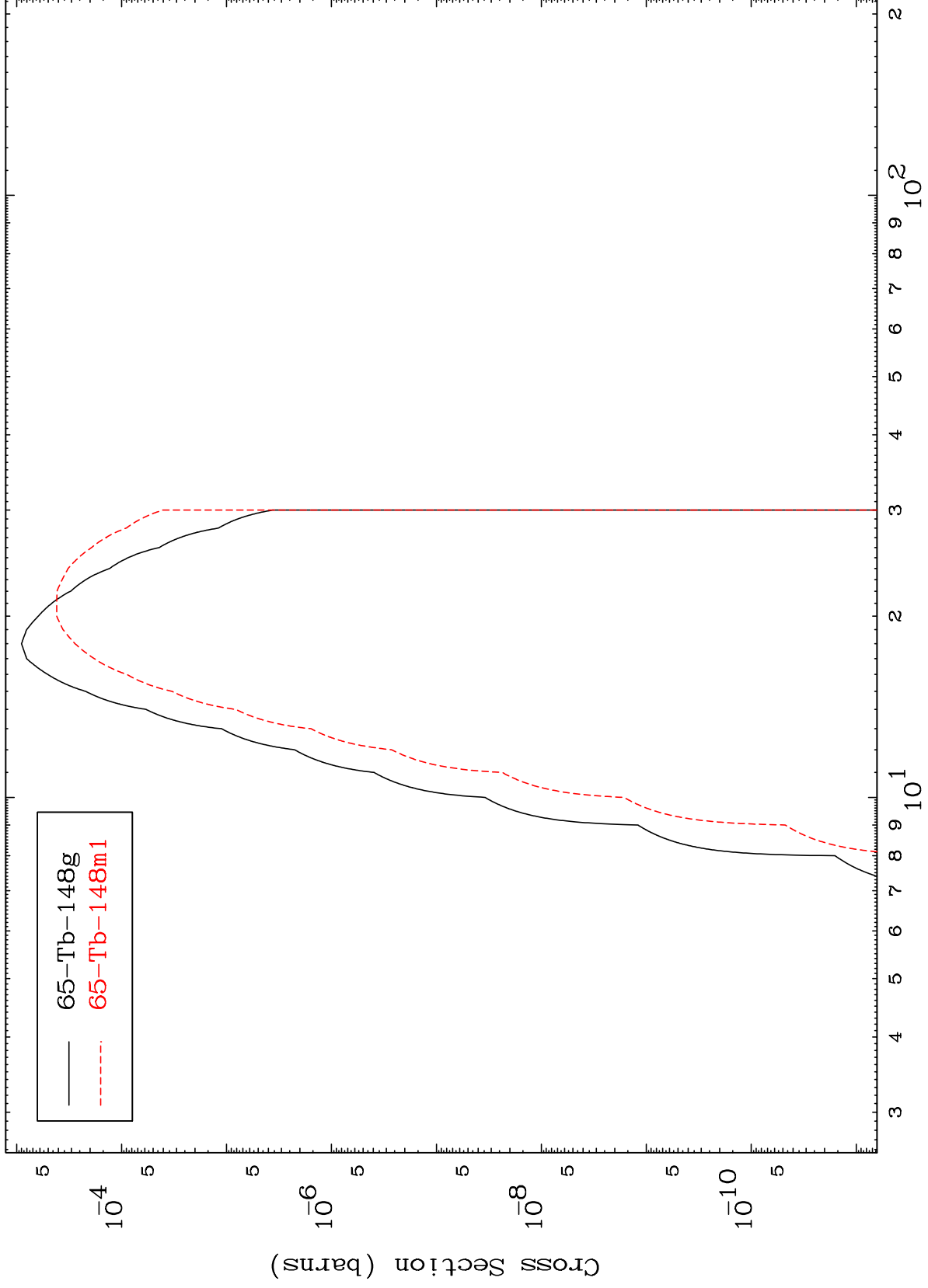
Incident Energy (MeV)

63-Eu-144

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63-Eu-144

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



15

Incident Energy (MeV)

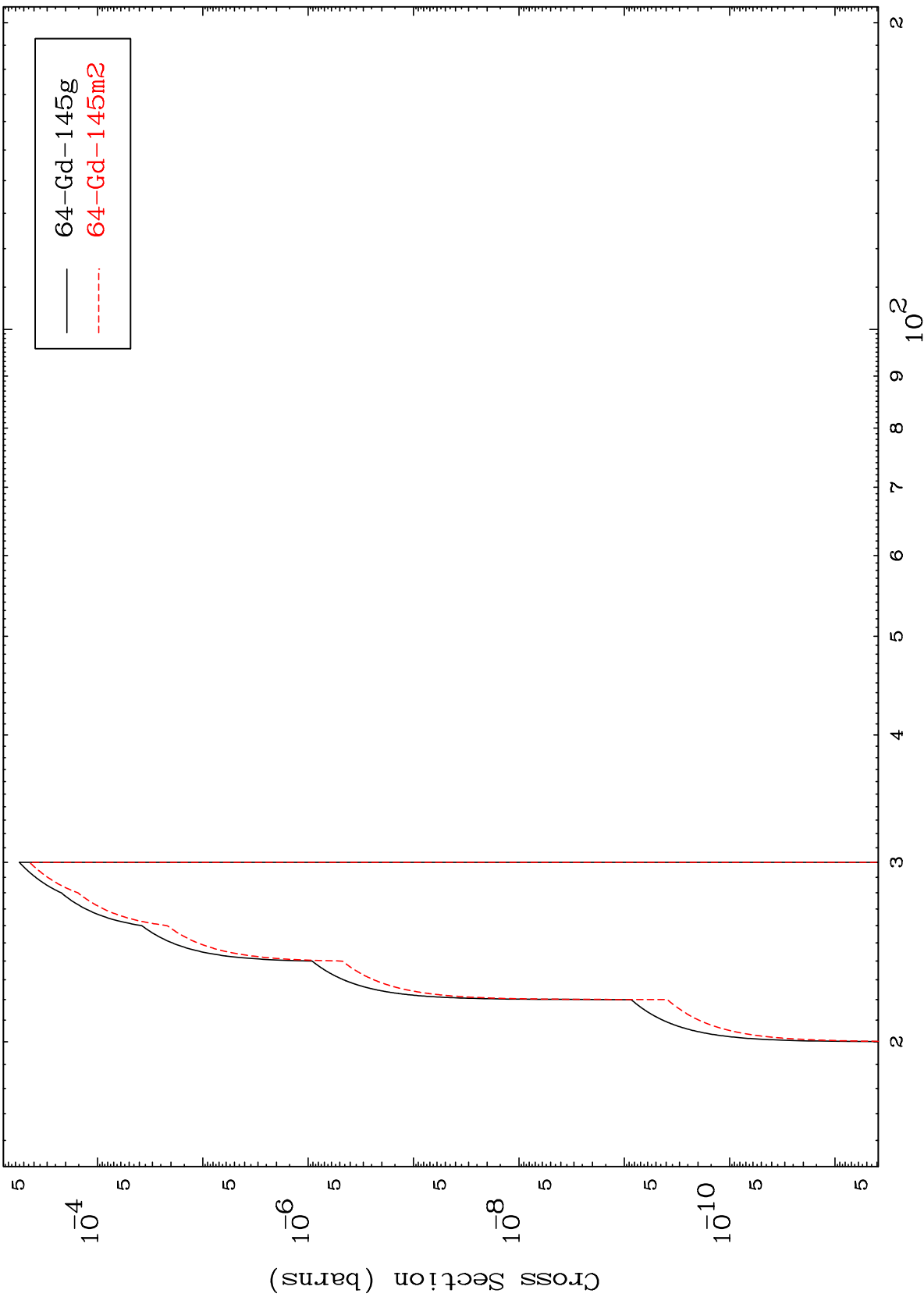
63-Eu-144



MAT 6304

63-Eu-144

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



16

Incident Energy (MeV)

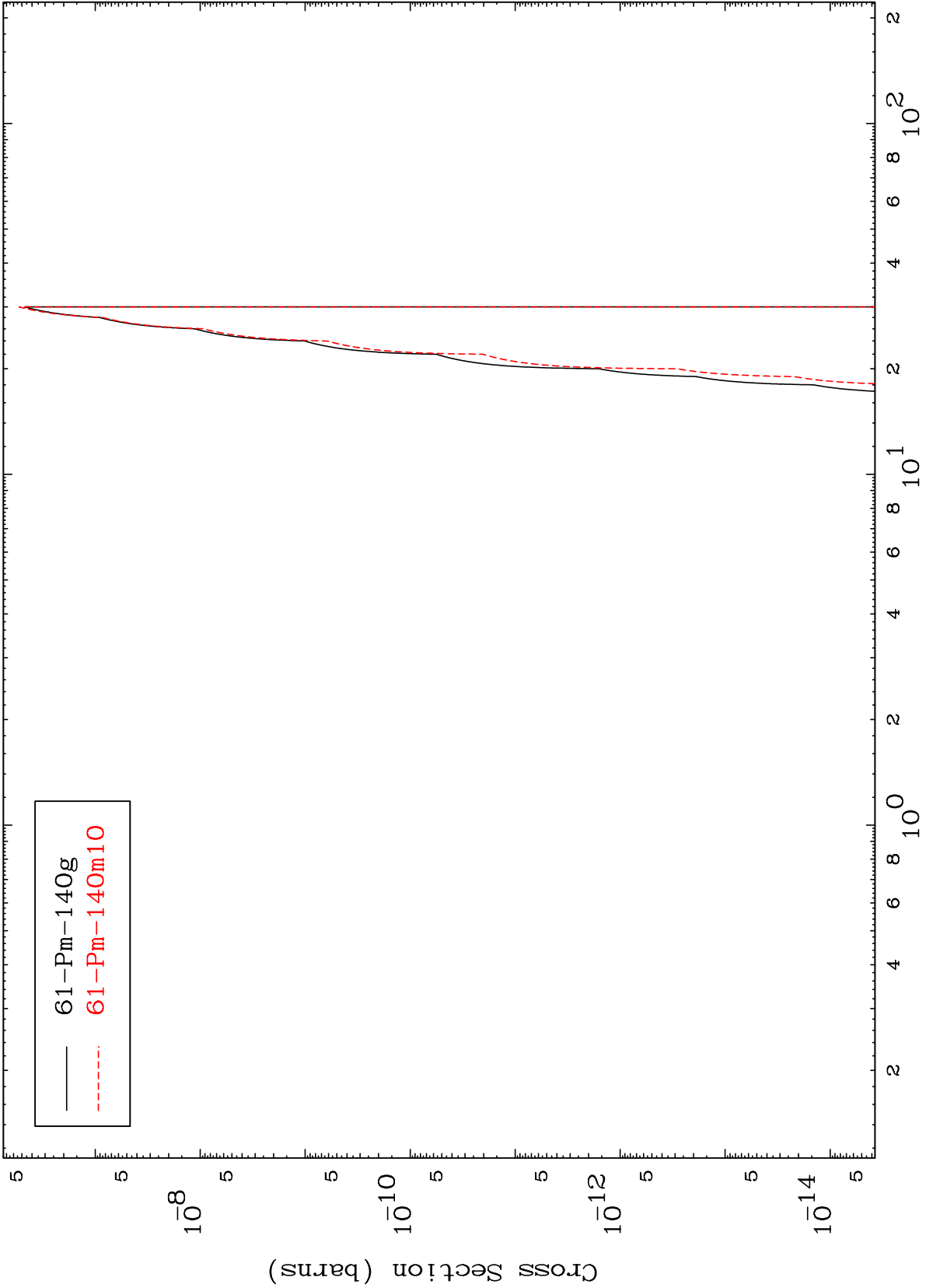
63-Eu-144

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( $\alpha, 2\alpha$ )

63-Eu-144

Radionuclide Production Cross Section

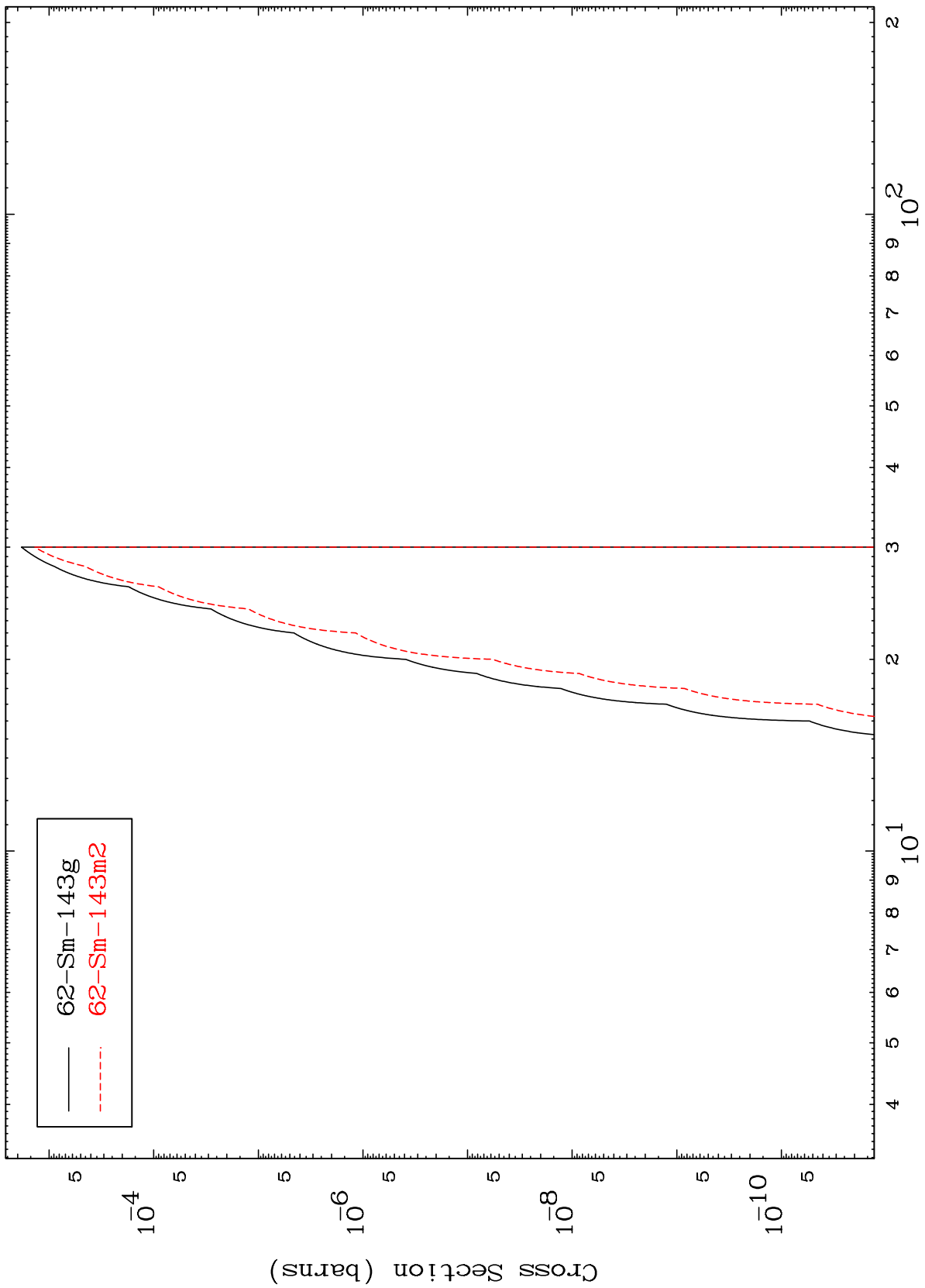


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( $\alpha, p$ )  $\alpha$

63-Eu-144

Radionuclide Production Cross Section



18

Incident Energy (MeV)

63-Eu-144