

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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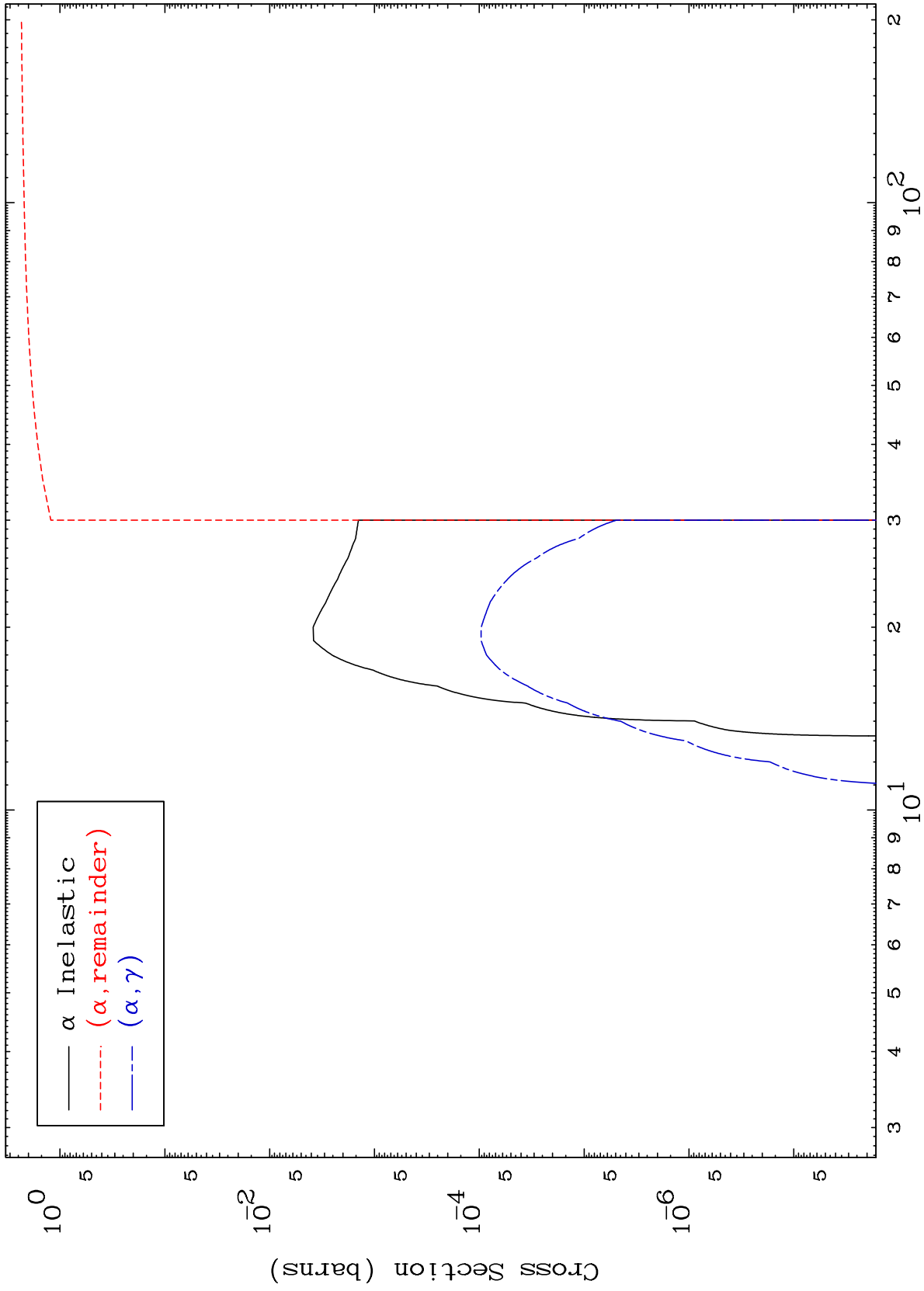
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

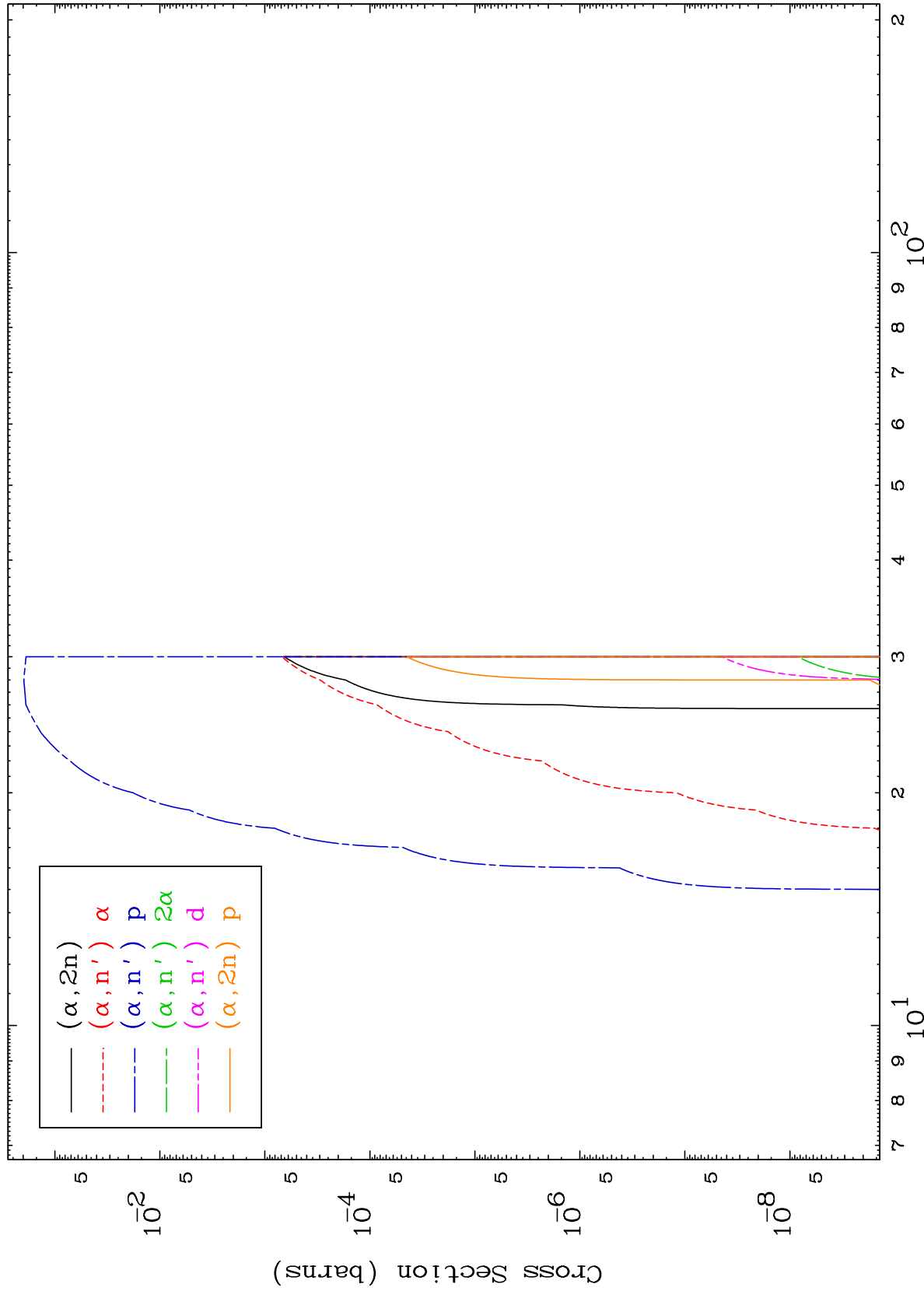
Press Mouse Button to Start

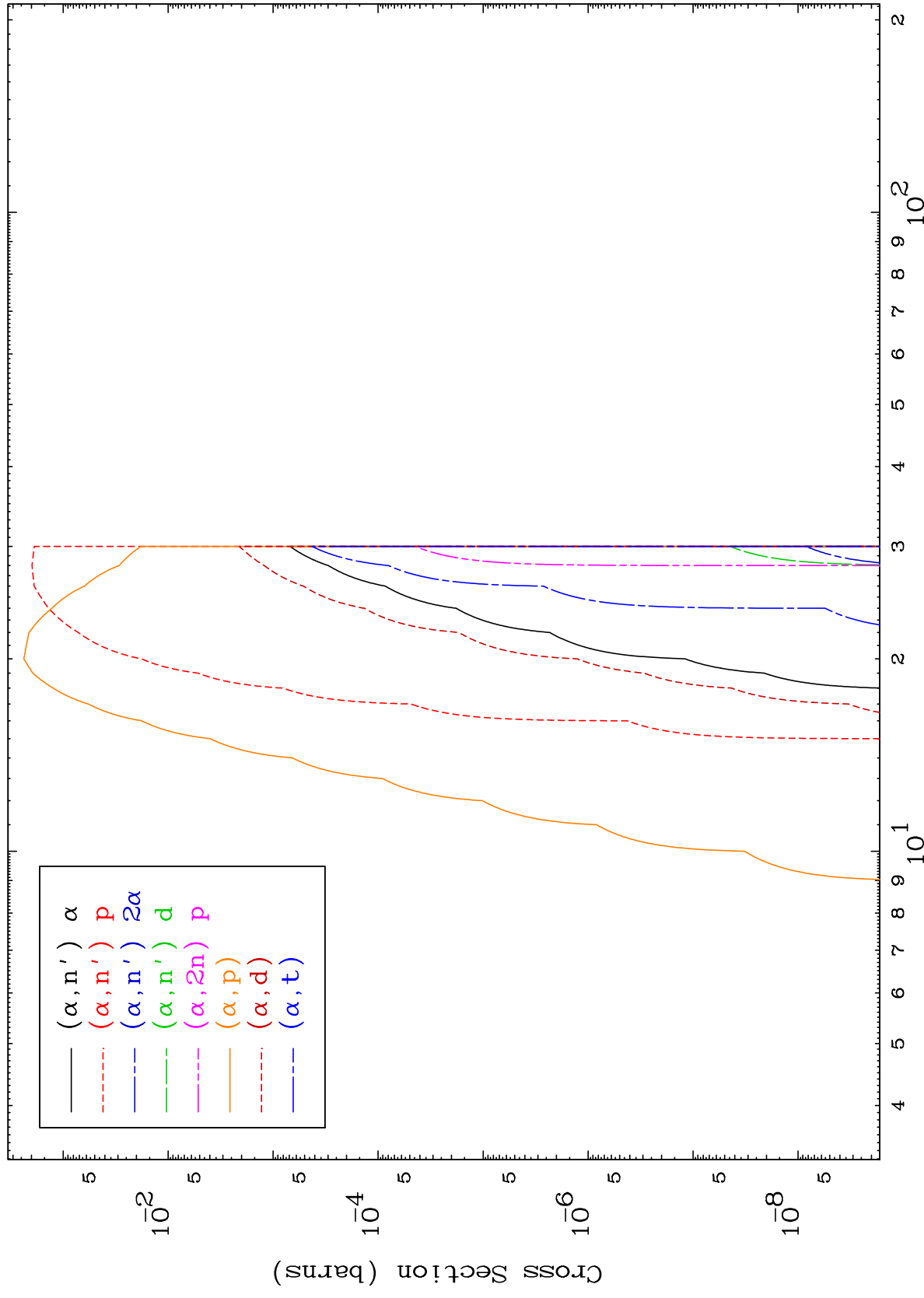
MAT 6286

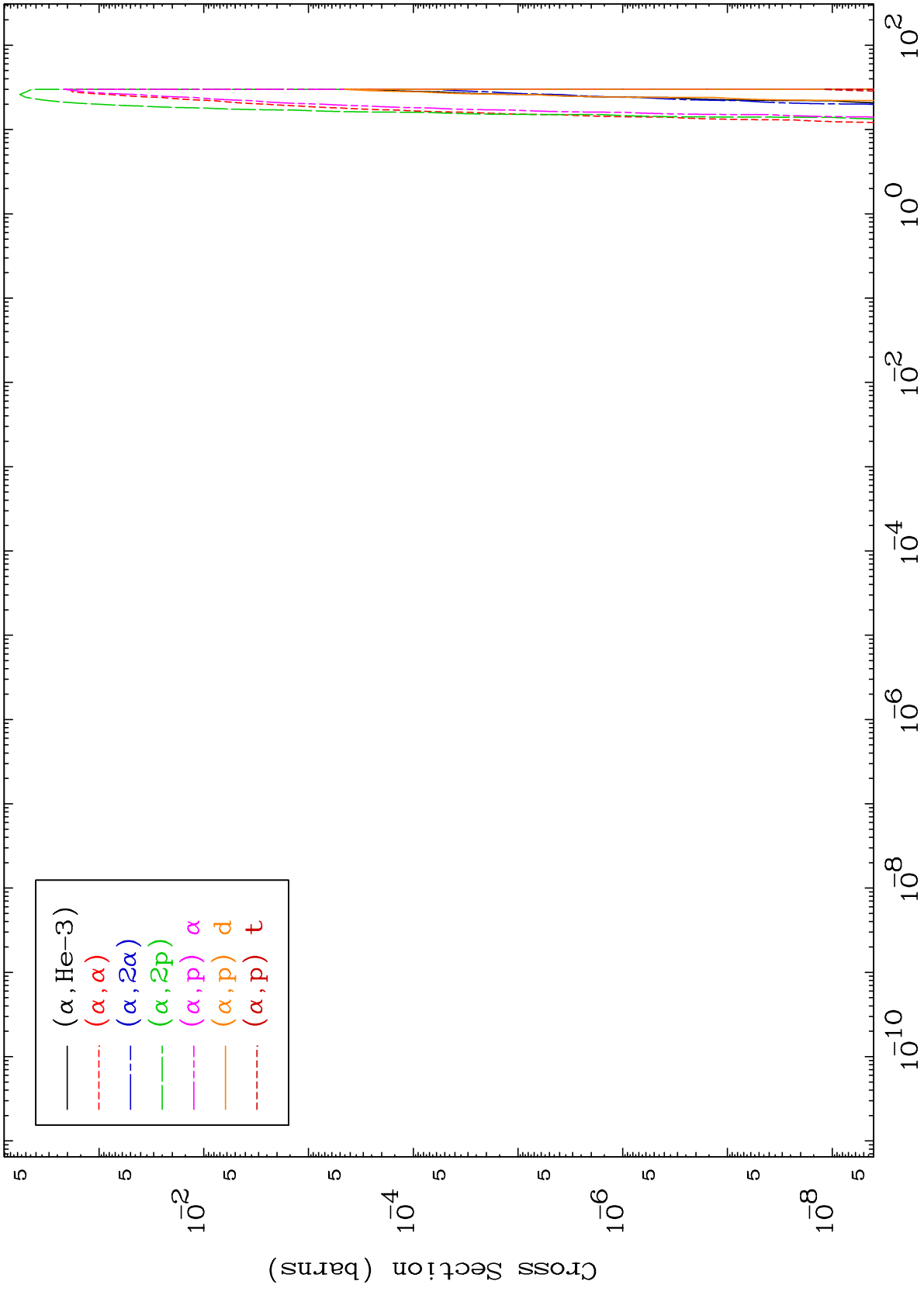
0 Kelvin  $\alpha$  Major  
Cross Sections

63-Eu-138





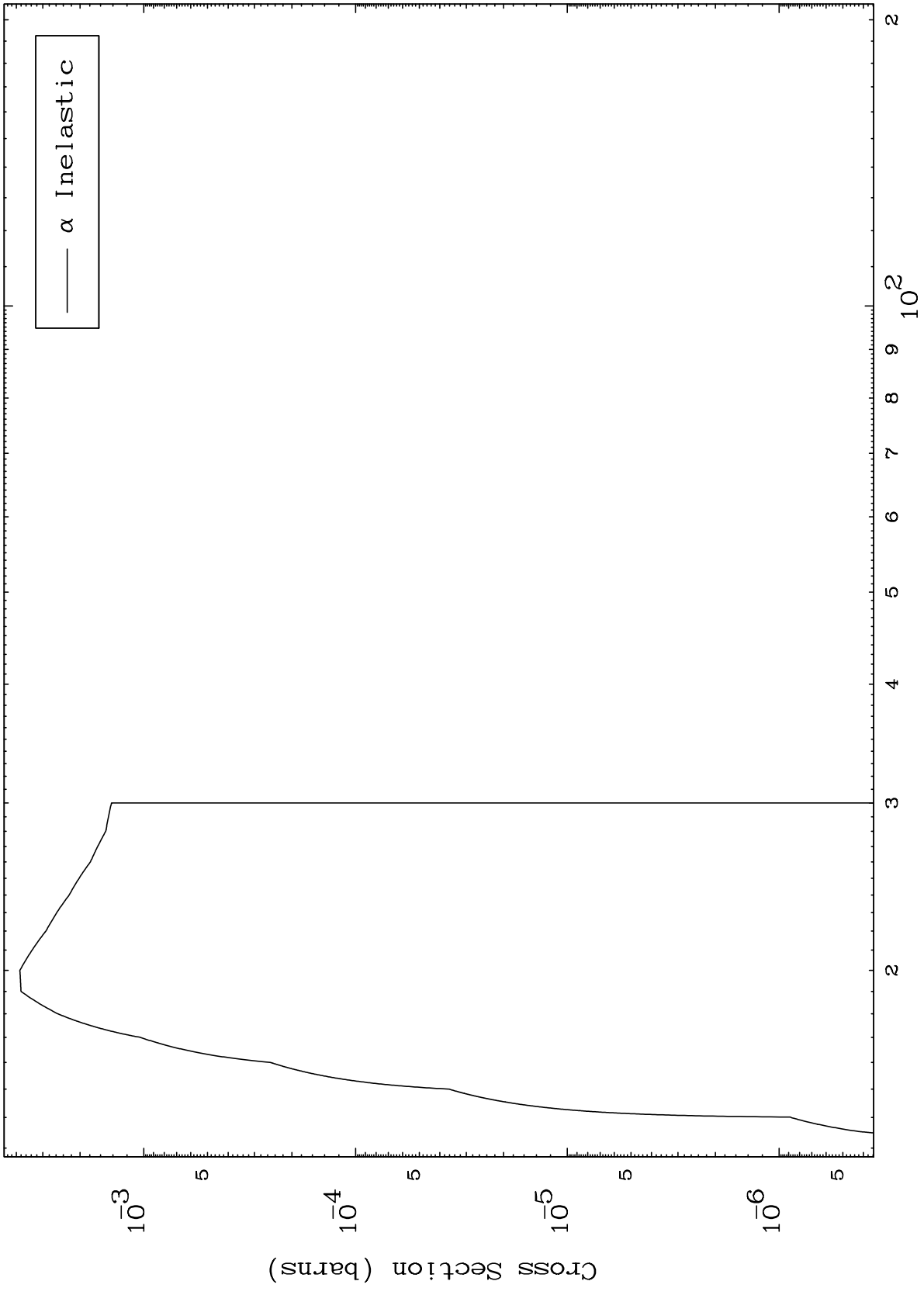




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( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

63-Eu-138



5

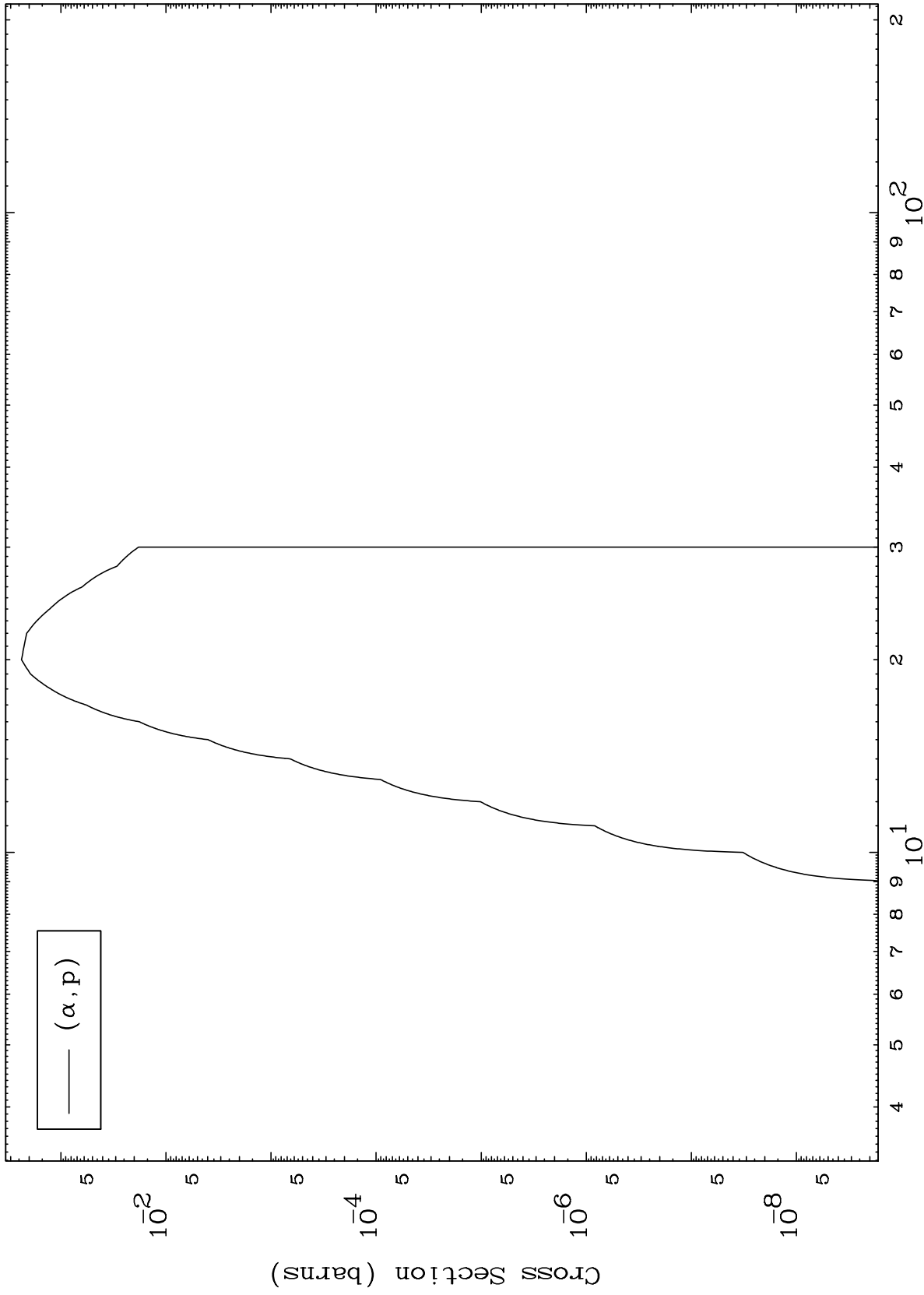
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

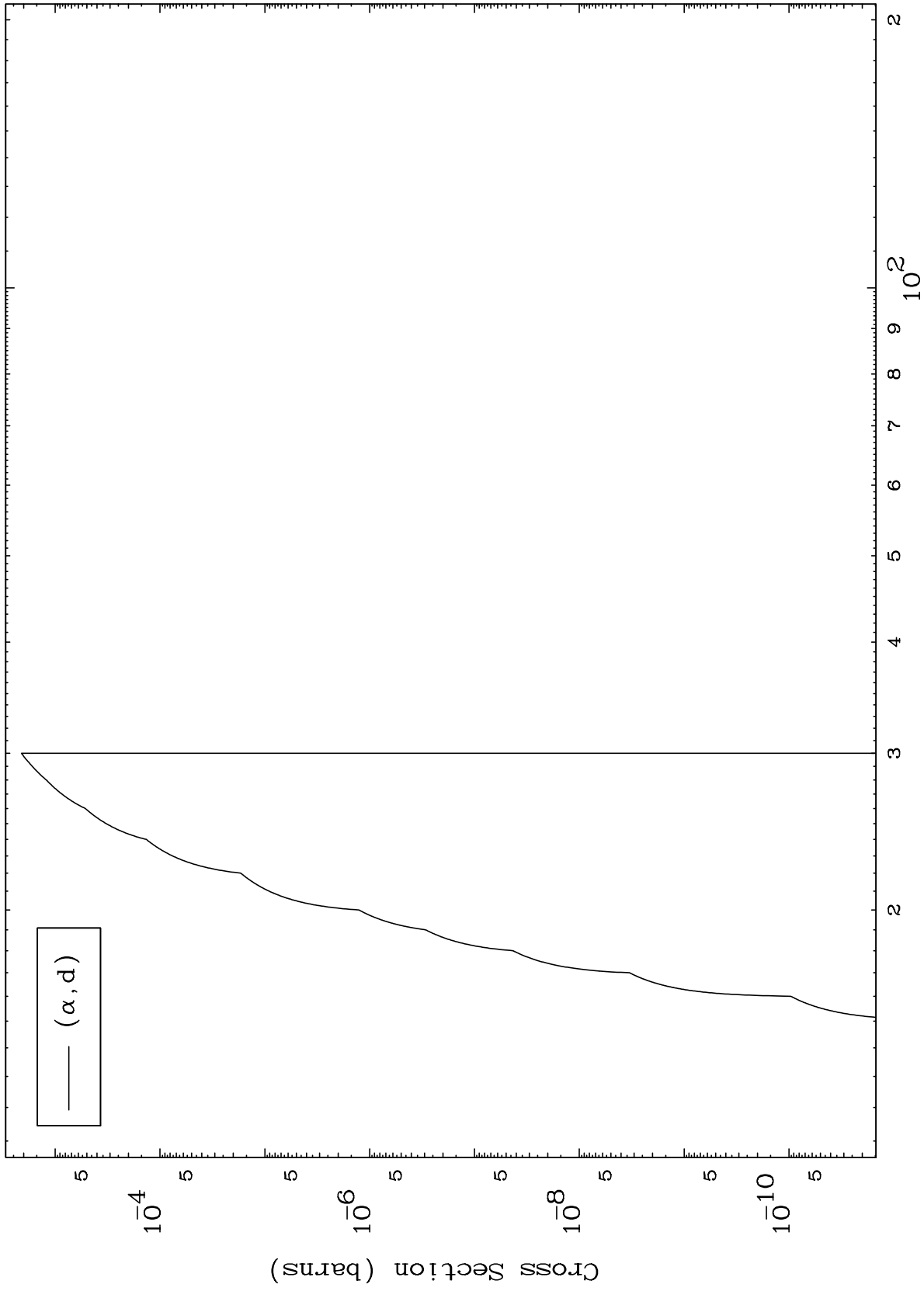
63-Eu-138



6

Incident Energy (MeV)

63-Eu-138

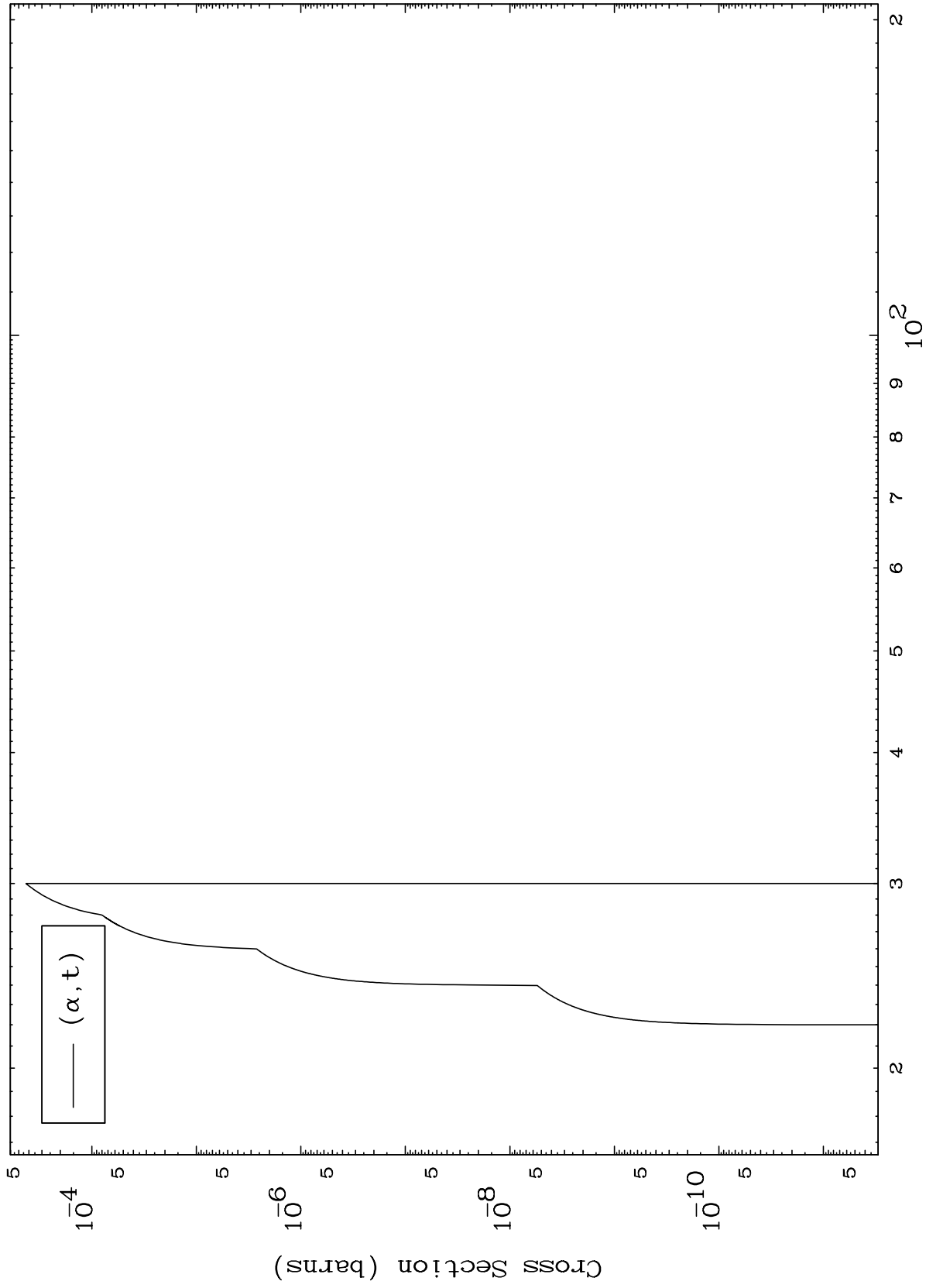




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( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

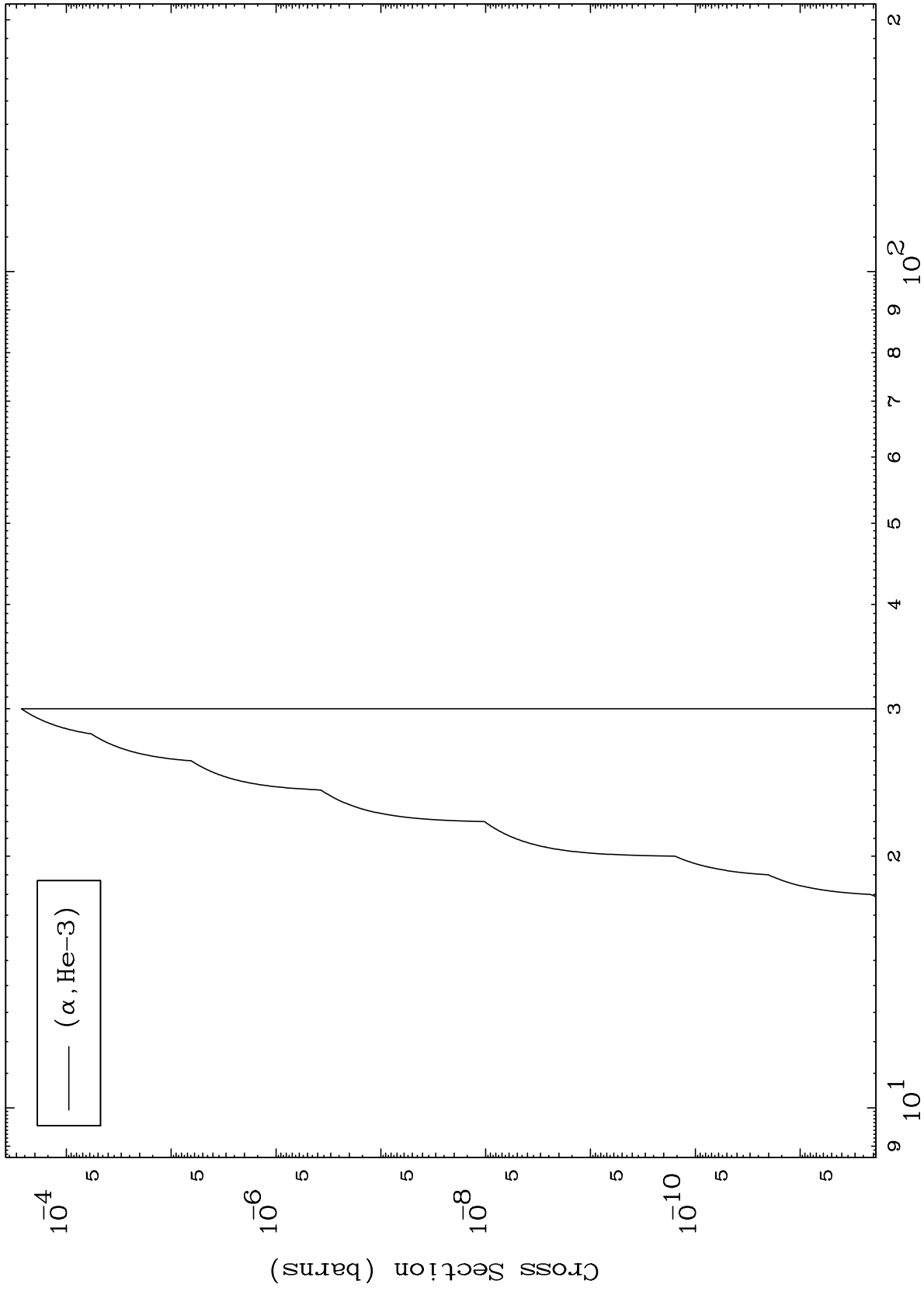
63-Eu-138



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

63-Eu-138



9

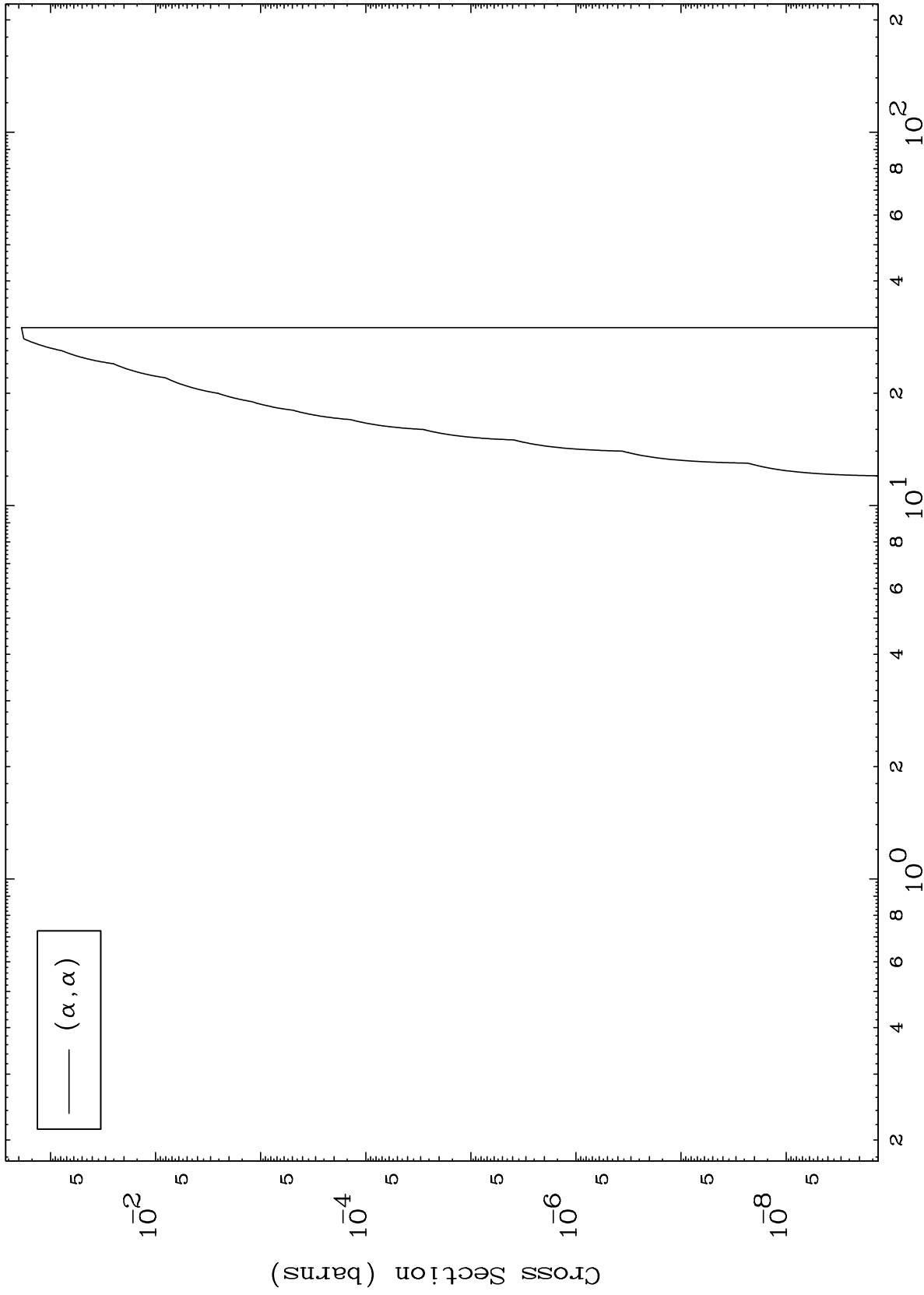
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

63-Eu-138

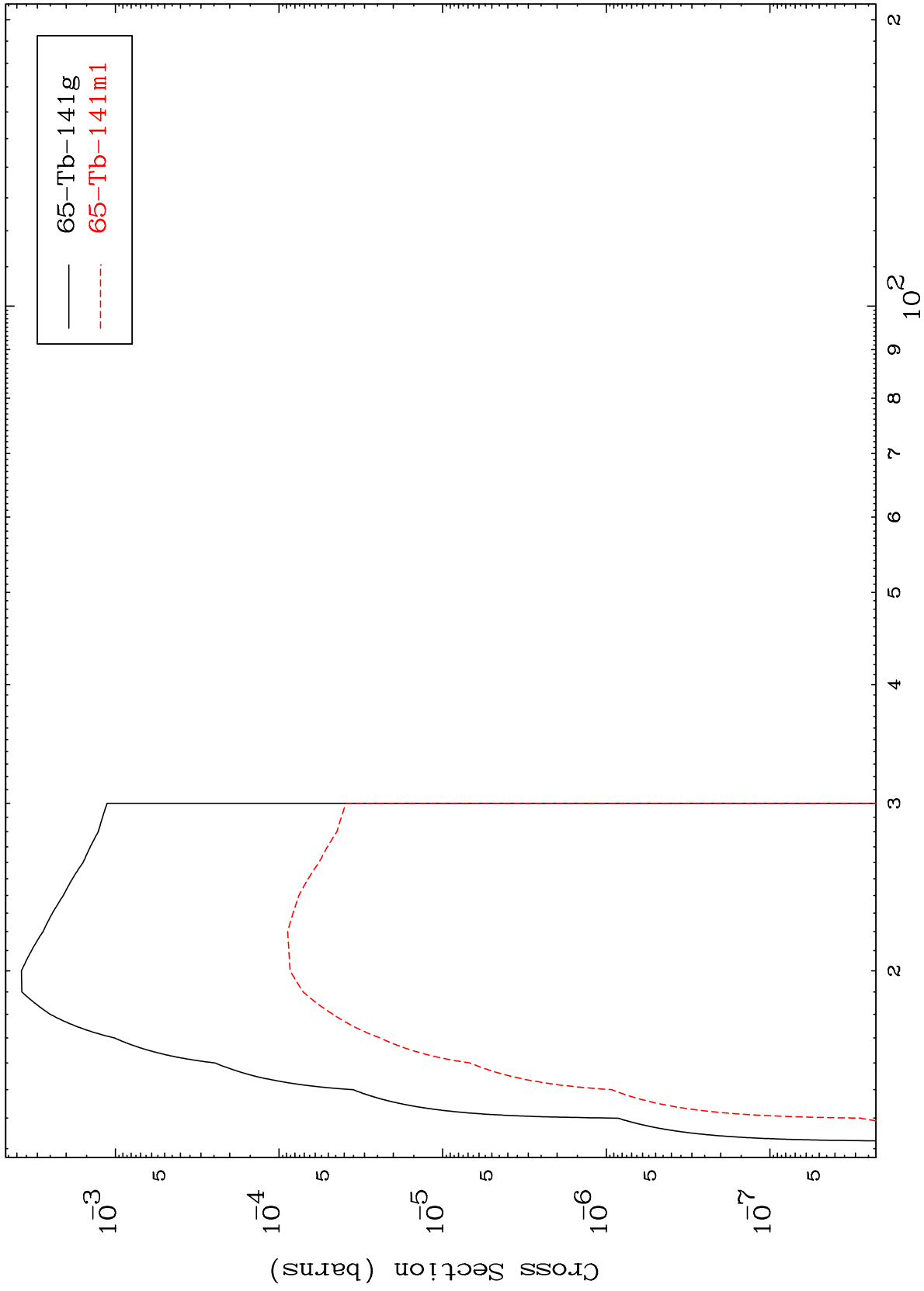


10

Incident Energy (MeV)

63-Eu-138

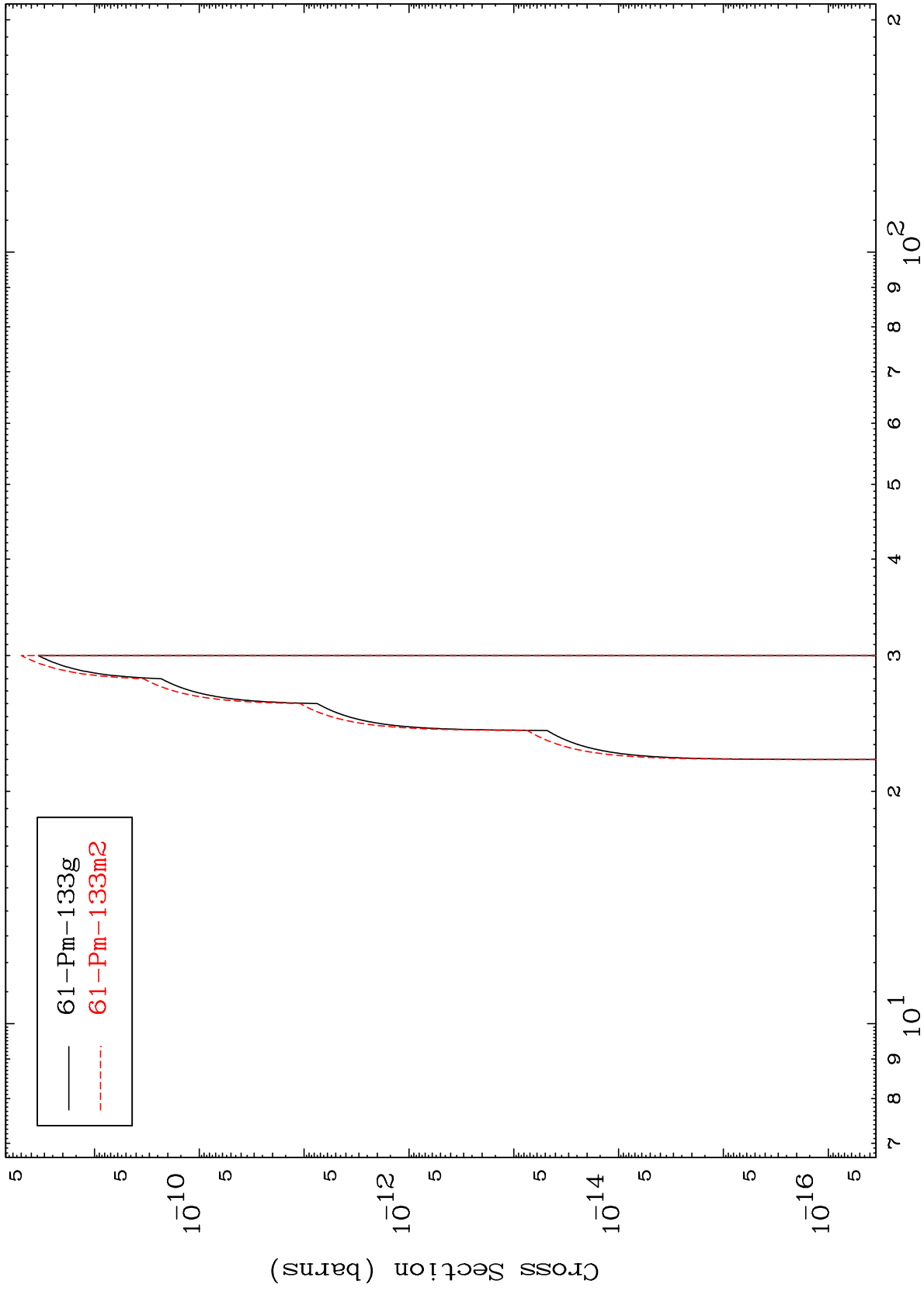
$\alpha$  Inelastic  
Radionuclide Production Cross Section



MAT 6286

63-Eu-138

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



12

Incident Energy (MeV)

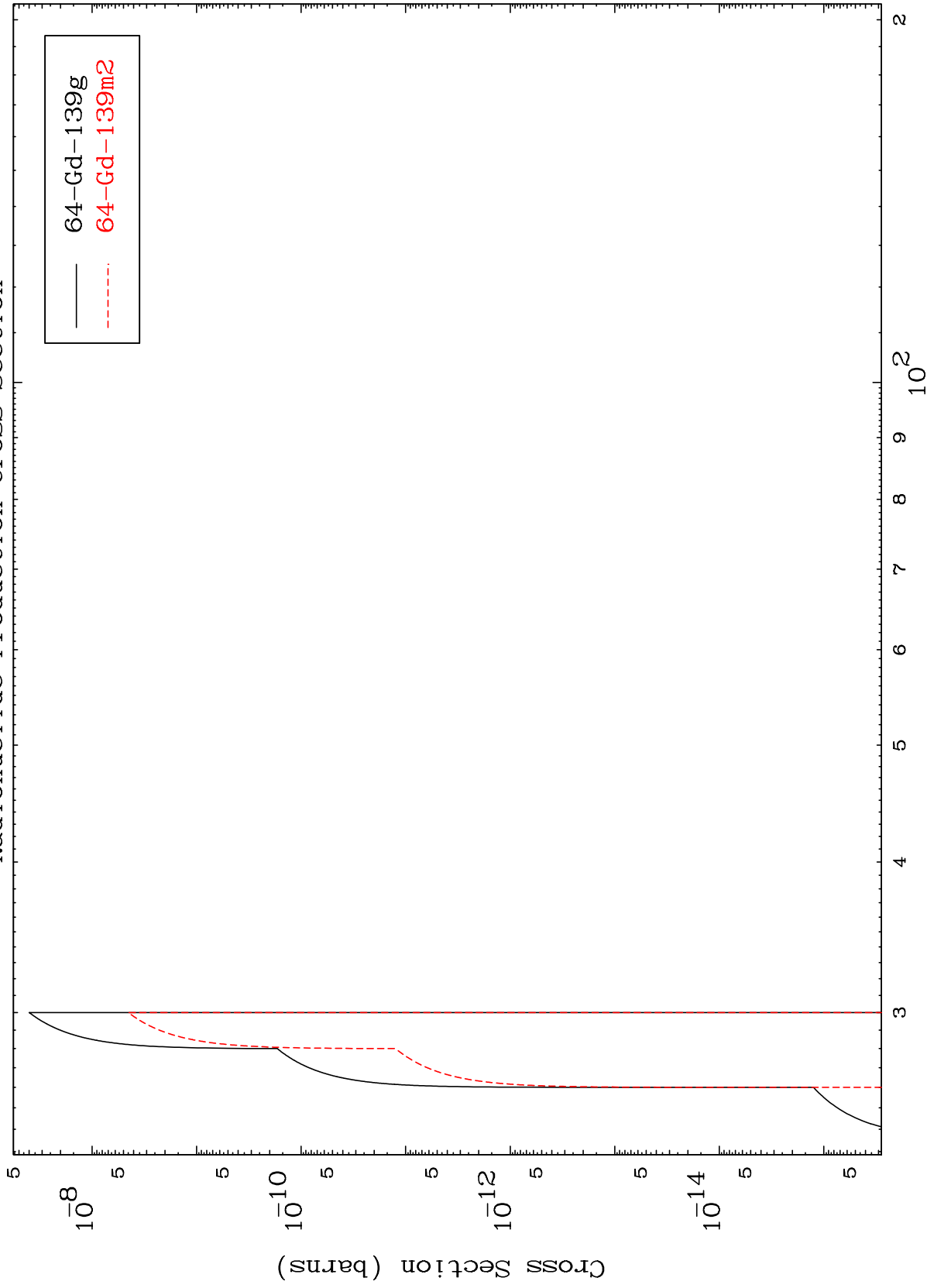
63-Eu-138

MAT 6286

( $\alpha, n'$ ) d

63-Eu-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

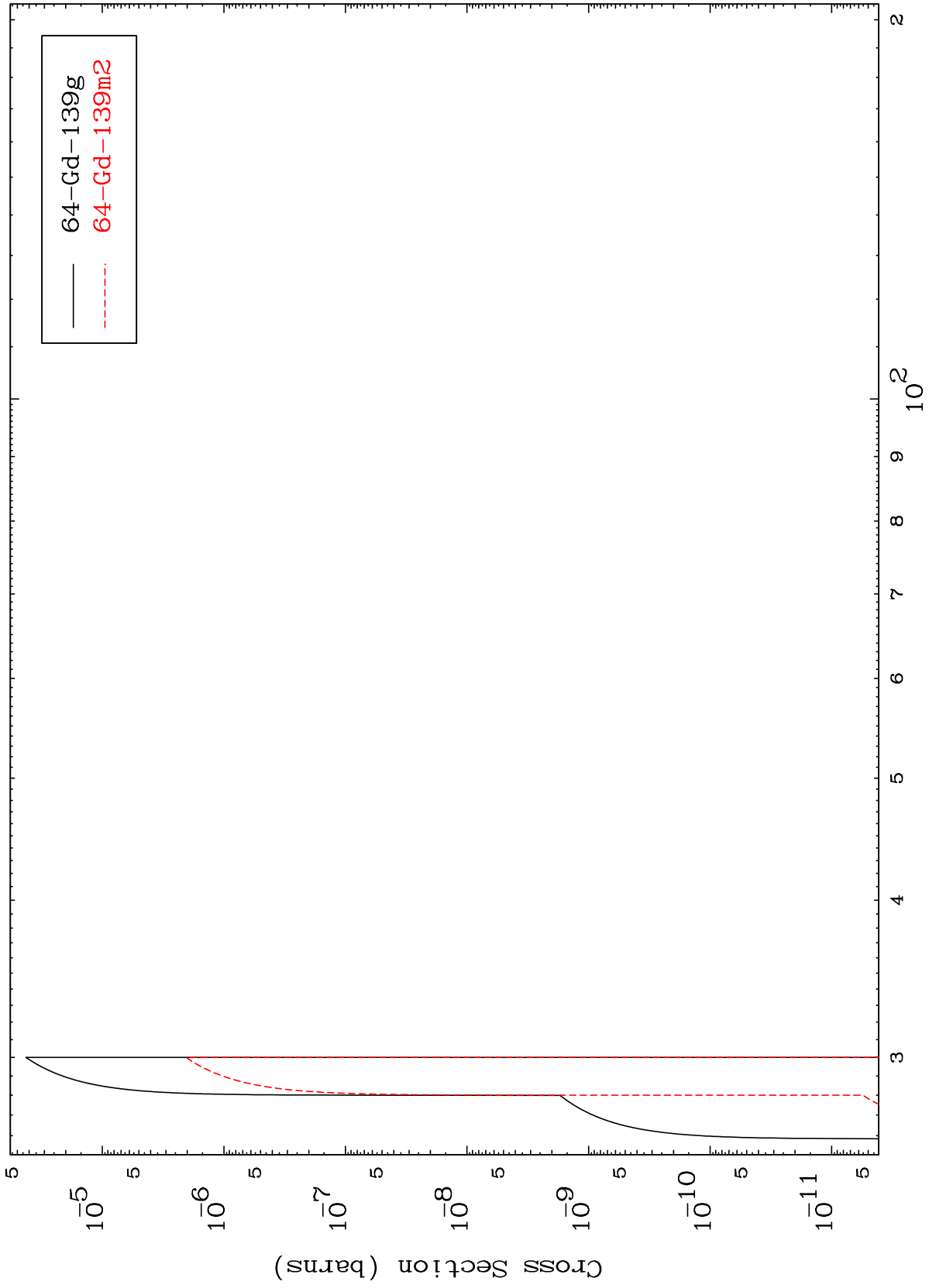
63-Eu-138

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$(\alpha, 2n)$  p

63-Eu-138

Radionuclide Production Cross Section



14

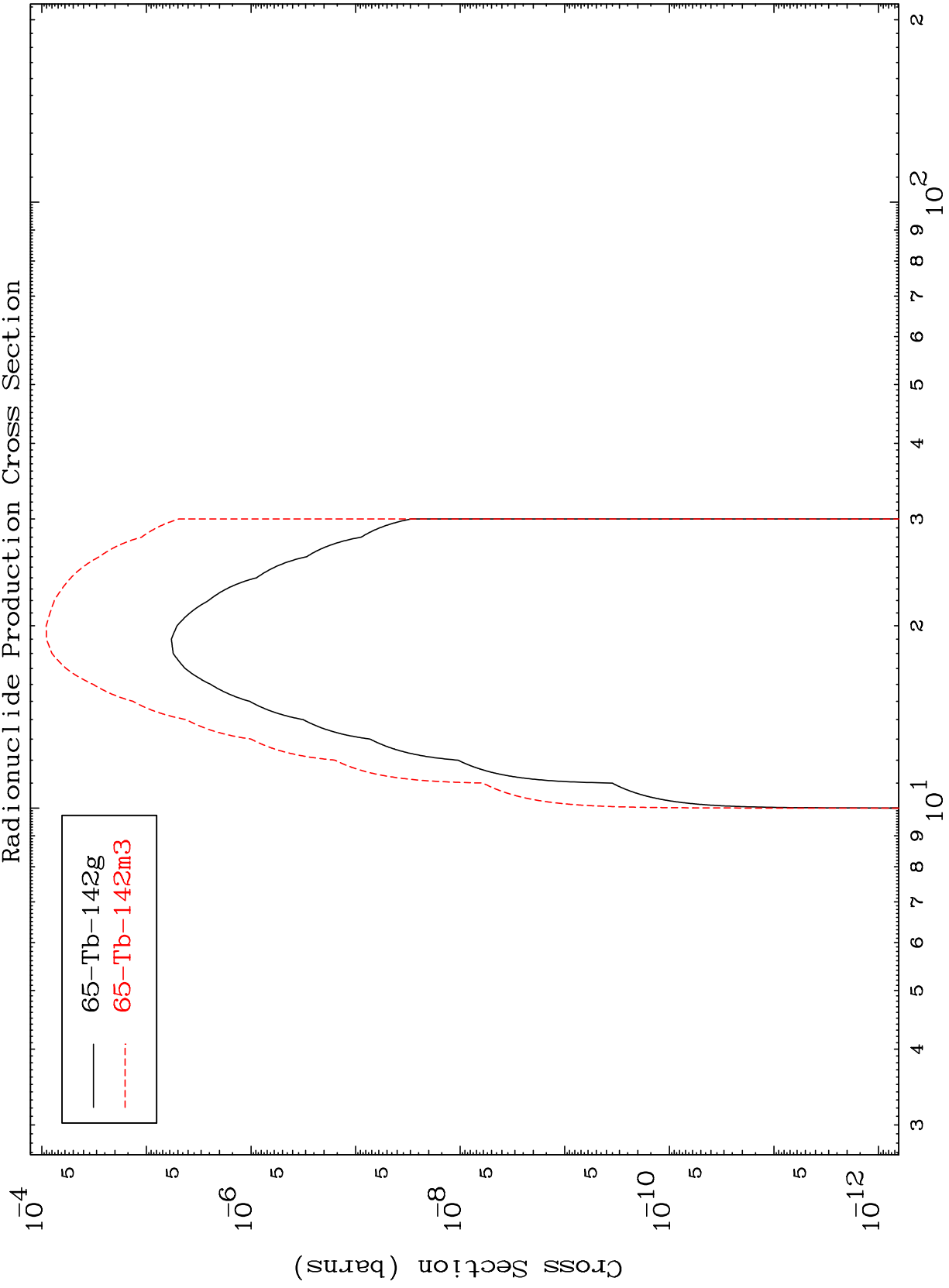
Incident Energy (MeV)

63-Eu-138

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63-Eu-138

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



15

Incident Energy (MeV)

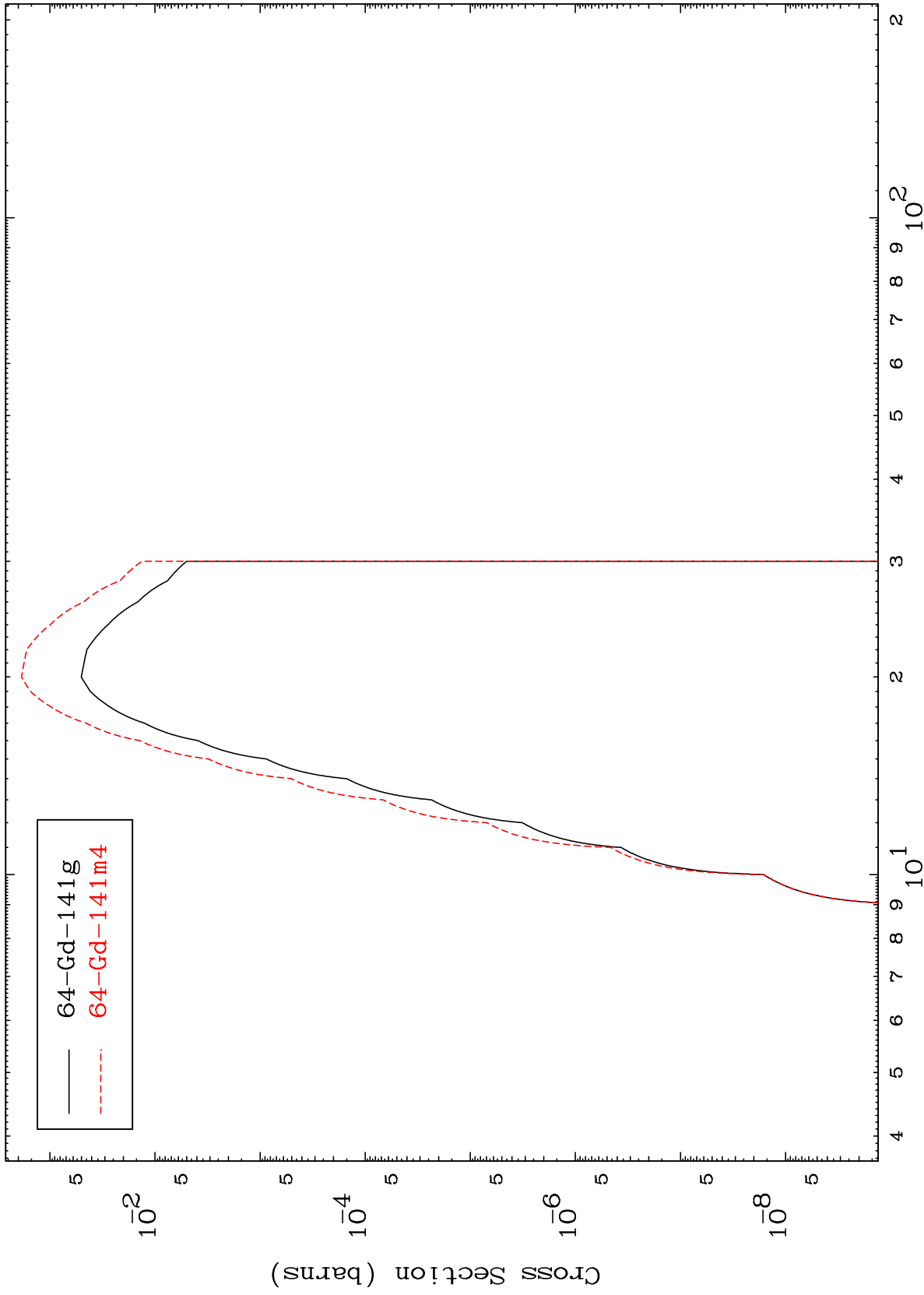
63-Eu-138



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63-Eu-138

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



16

Incident Energy (MeV)

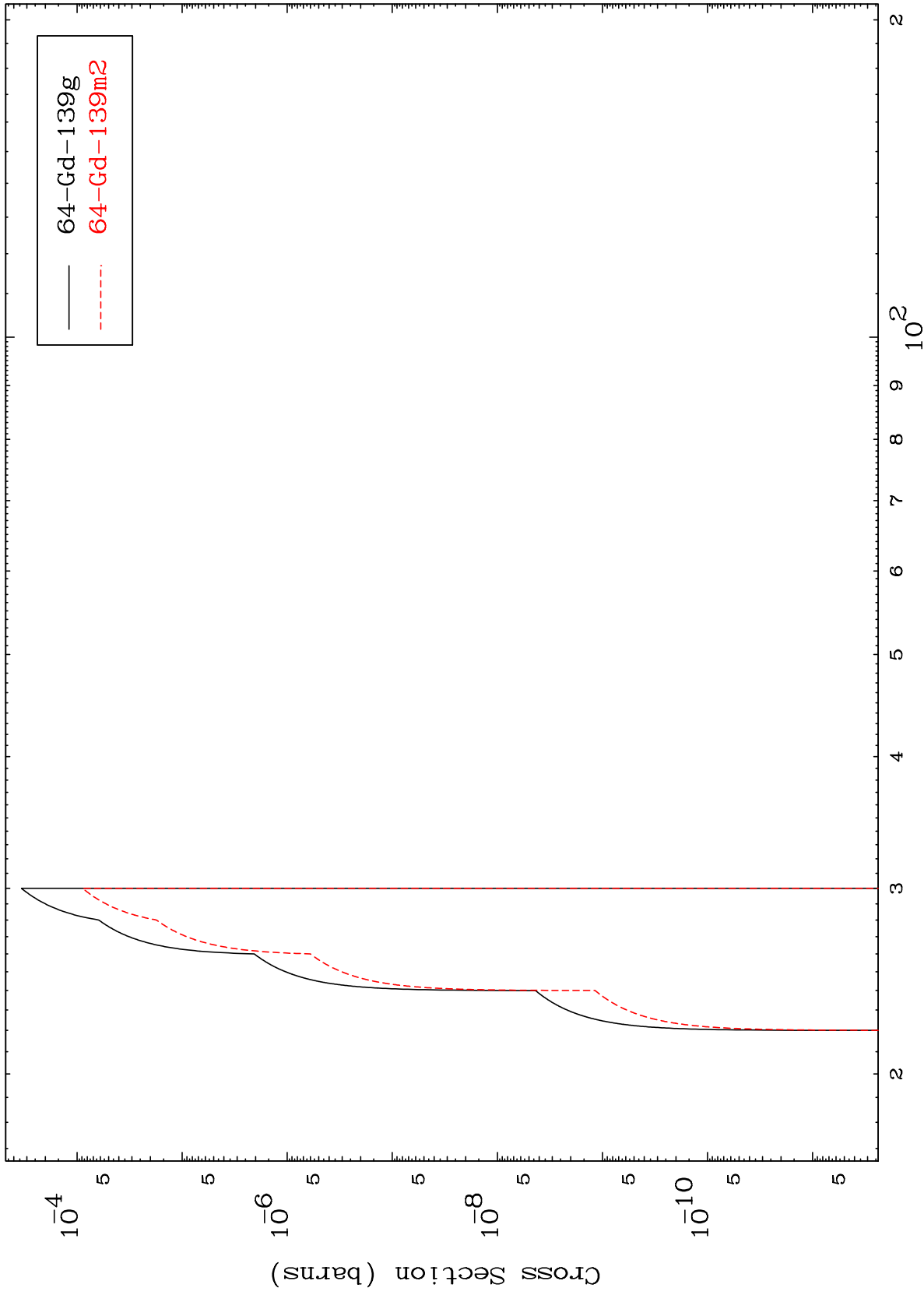
63-Eu-138

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( $\alpha, t$ )

63-Eu-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

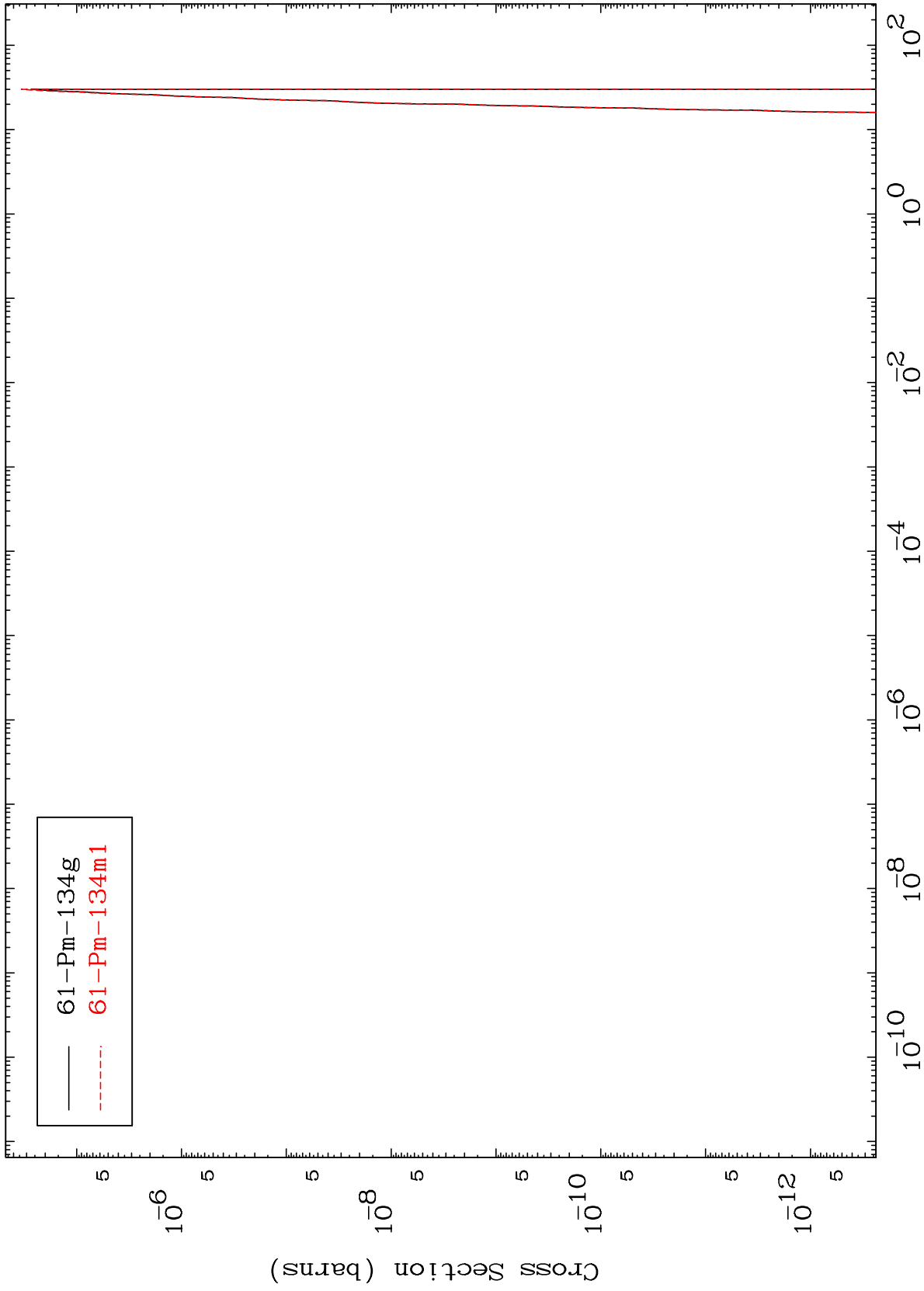
63-Eu-138

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( $\alpha, 2\alpha$ )

63-Eu-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

63-Eu-138