

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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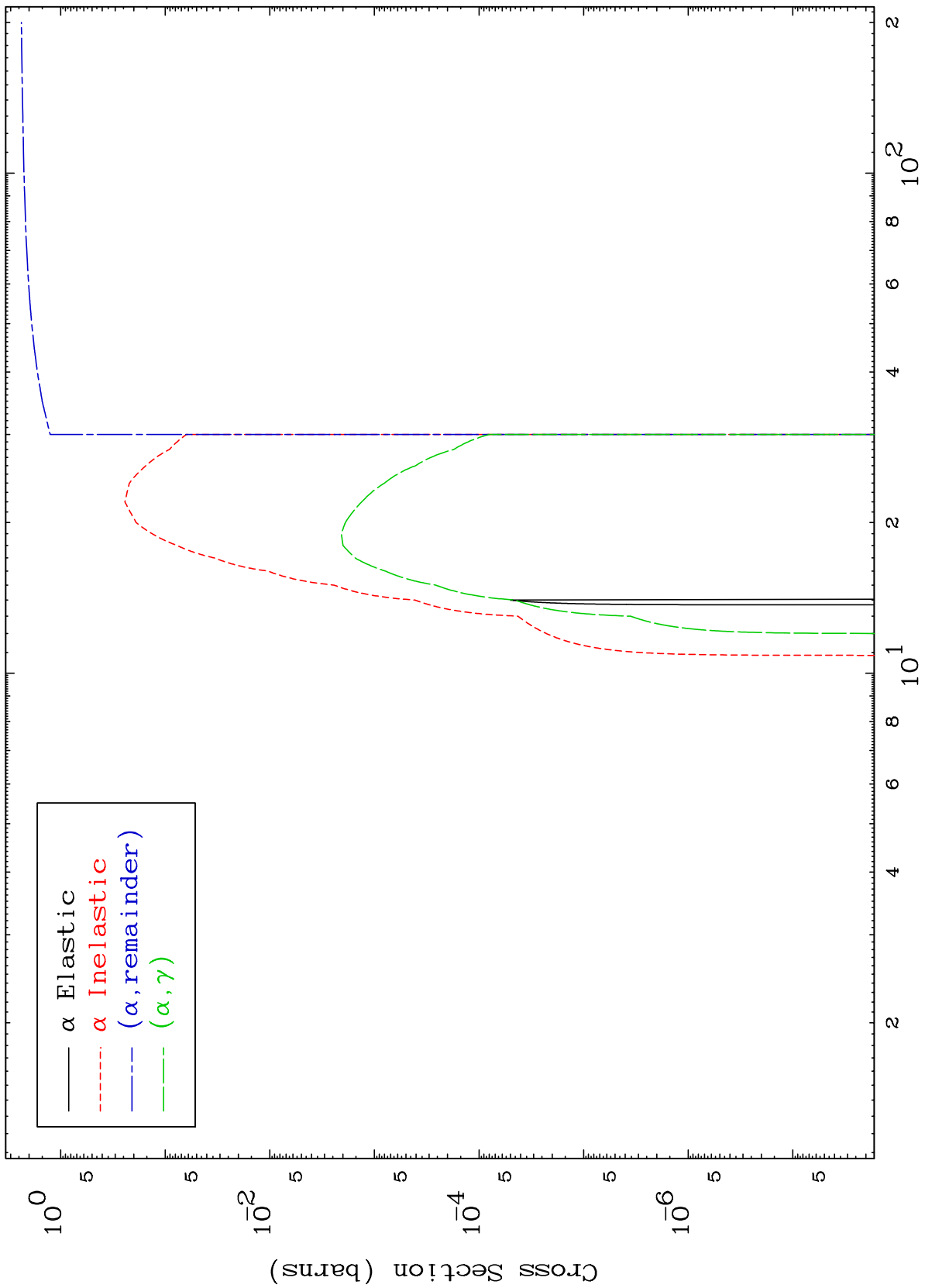
Tele: 925-443-1911

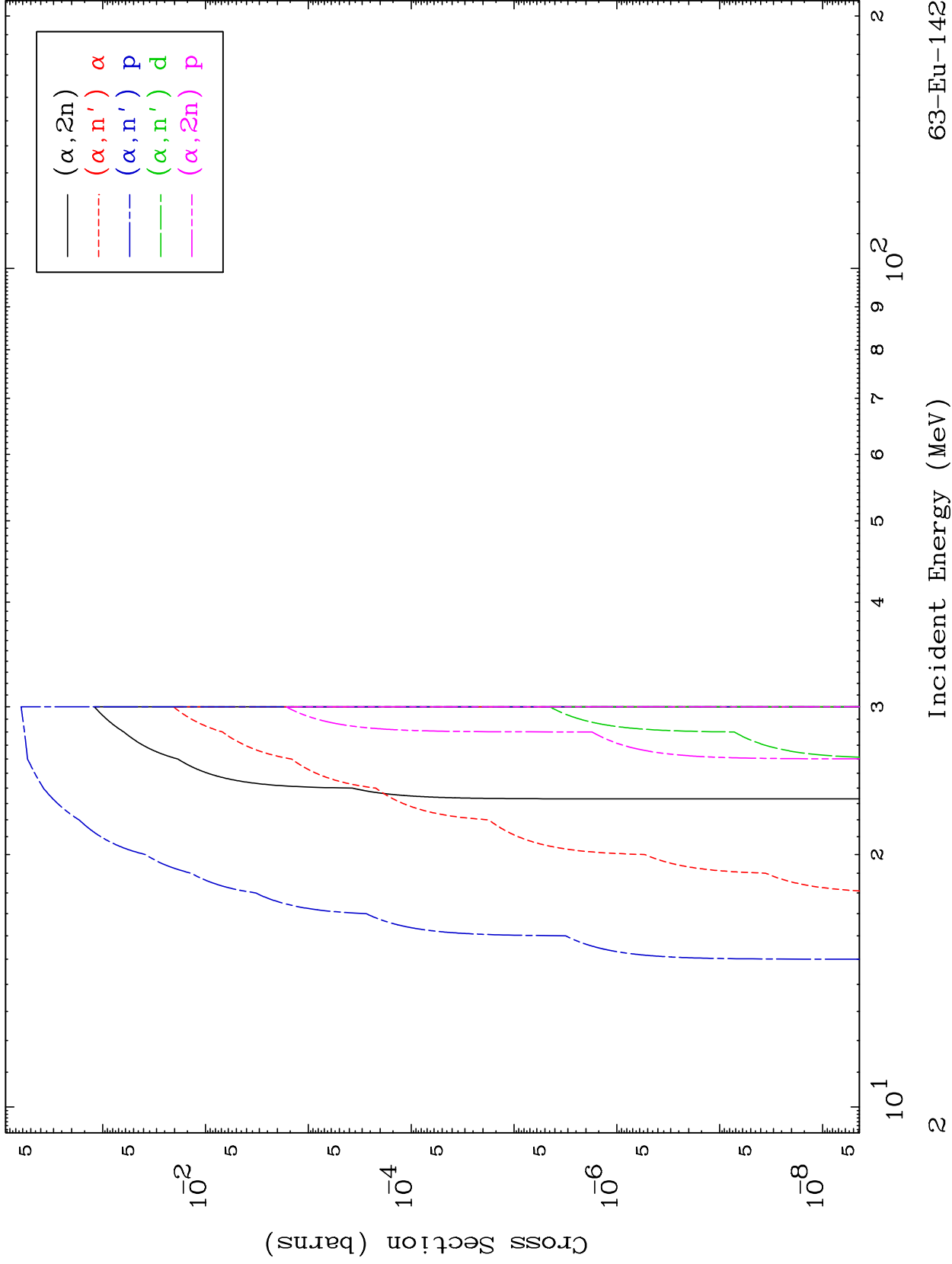
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

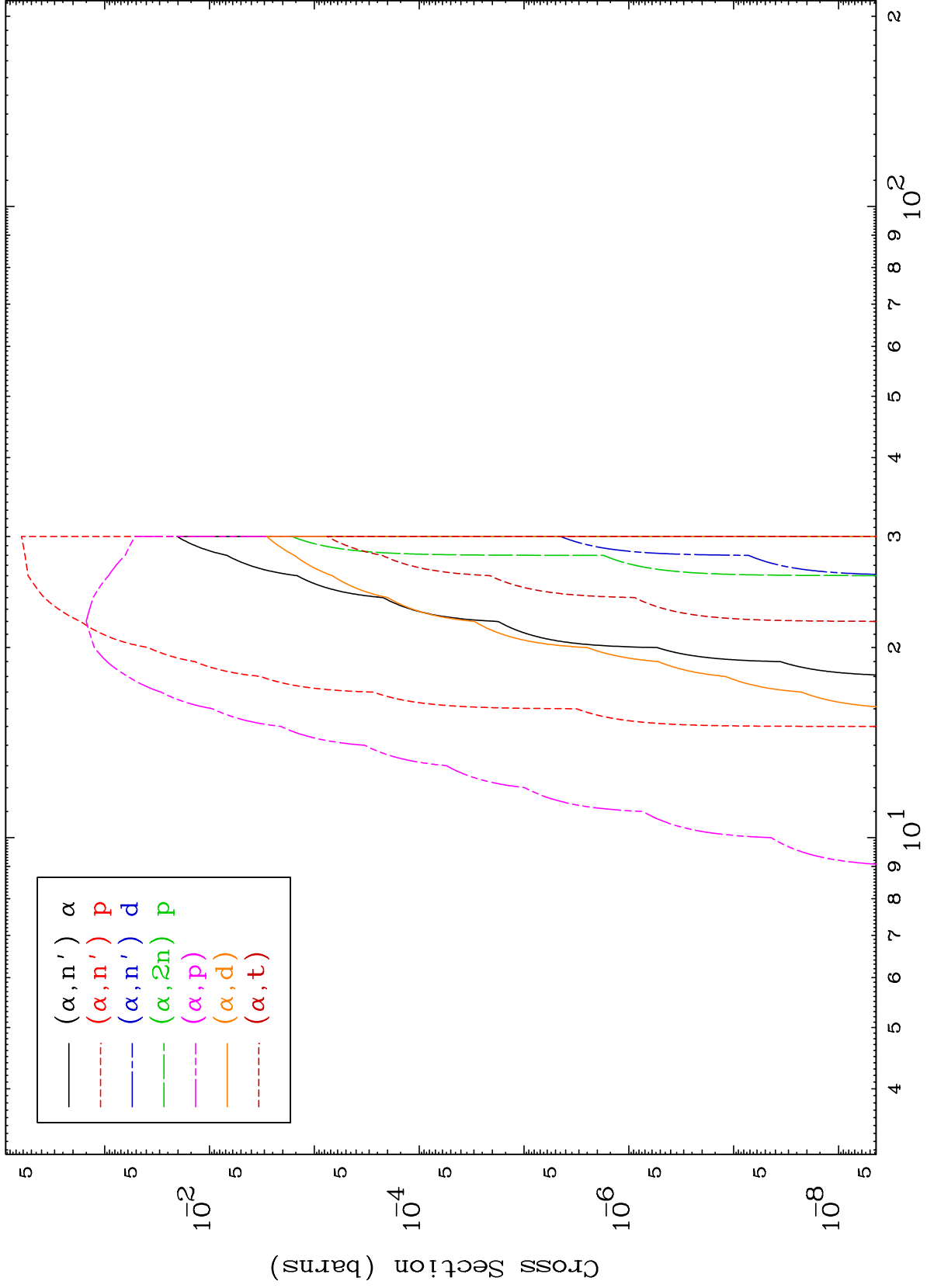
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

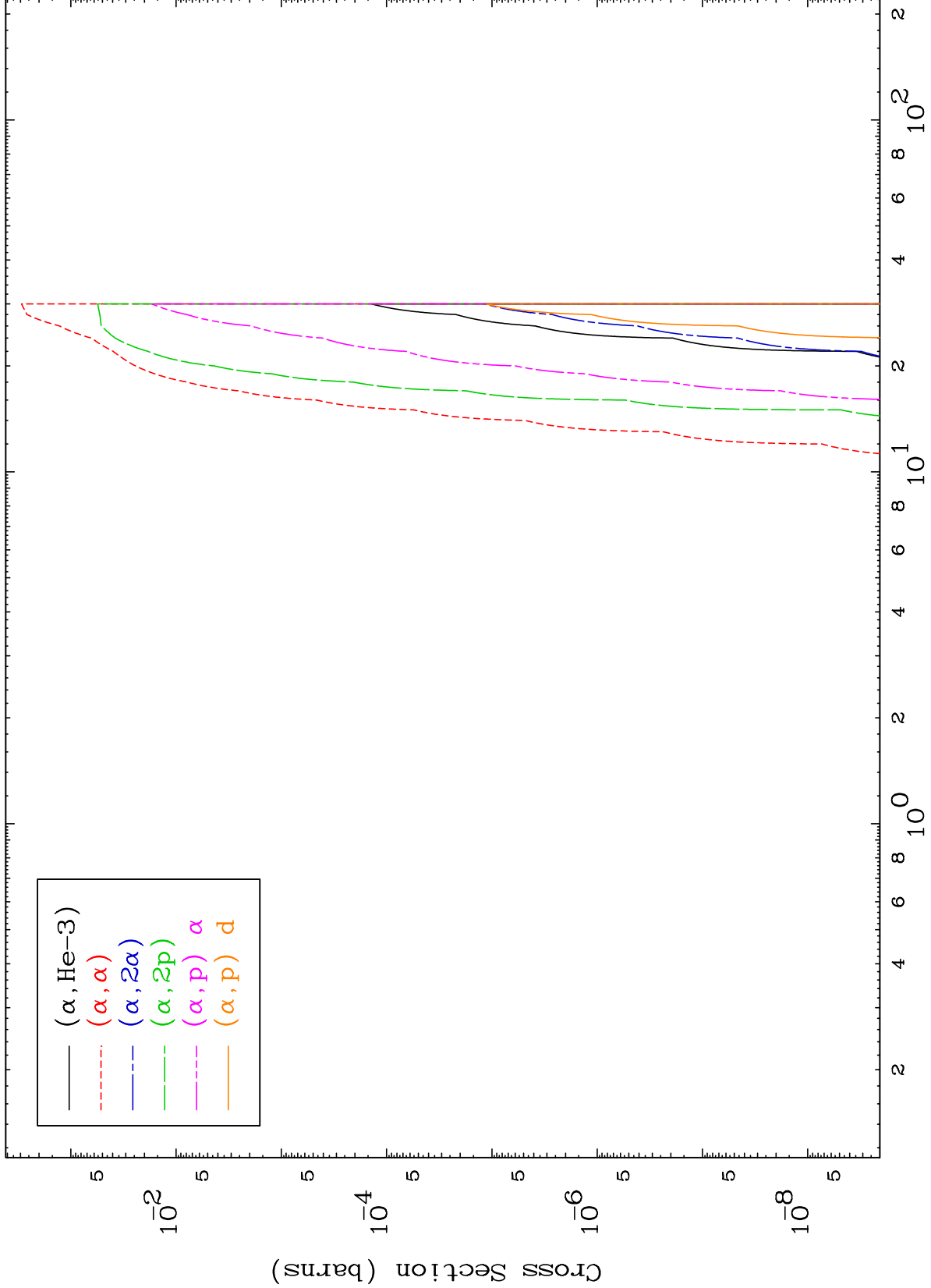
Press Mouse Button to Start

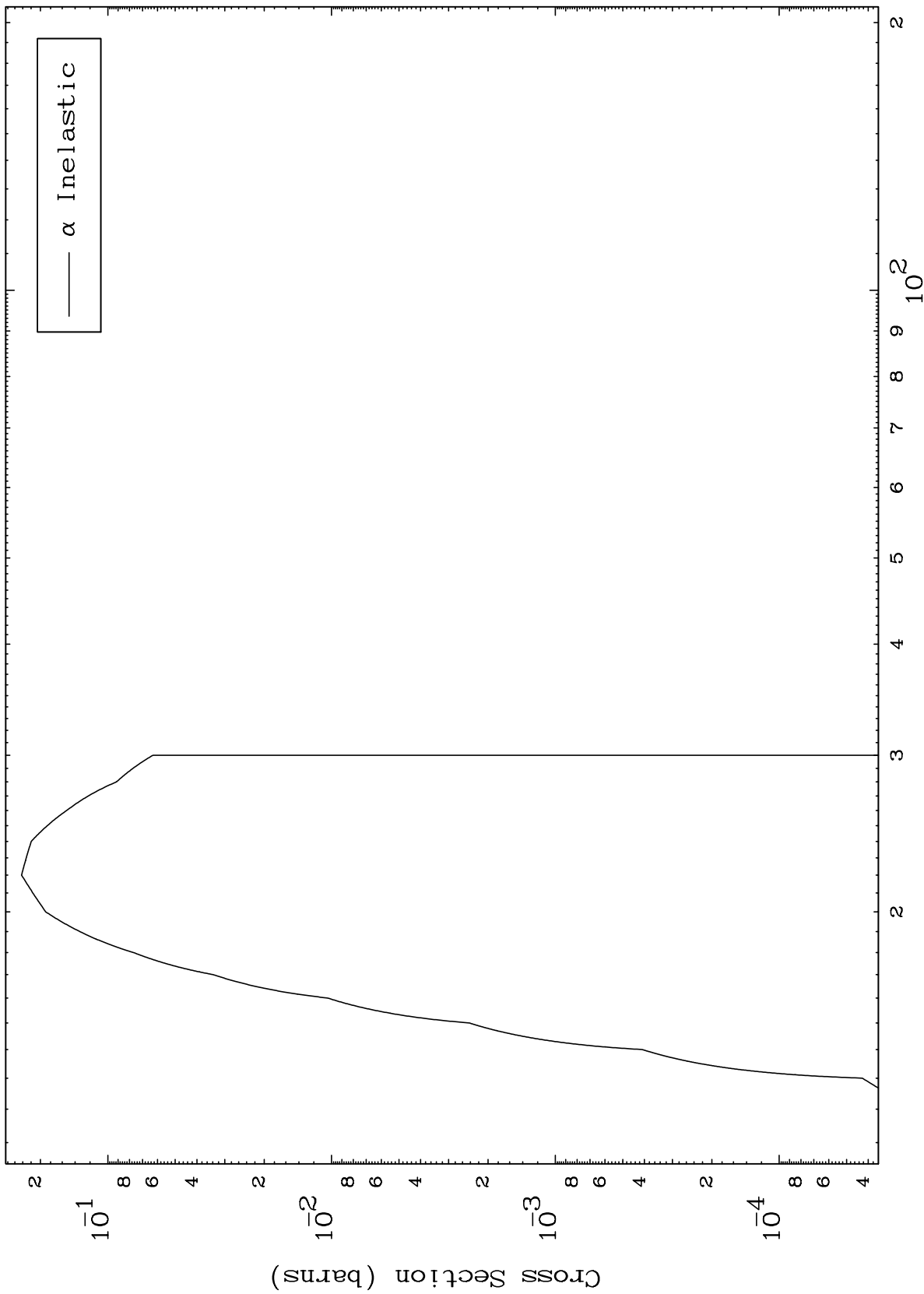
0 Kelvin Cross Sections







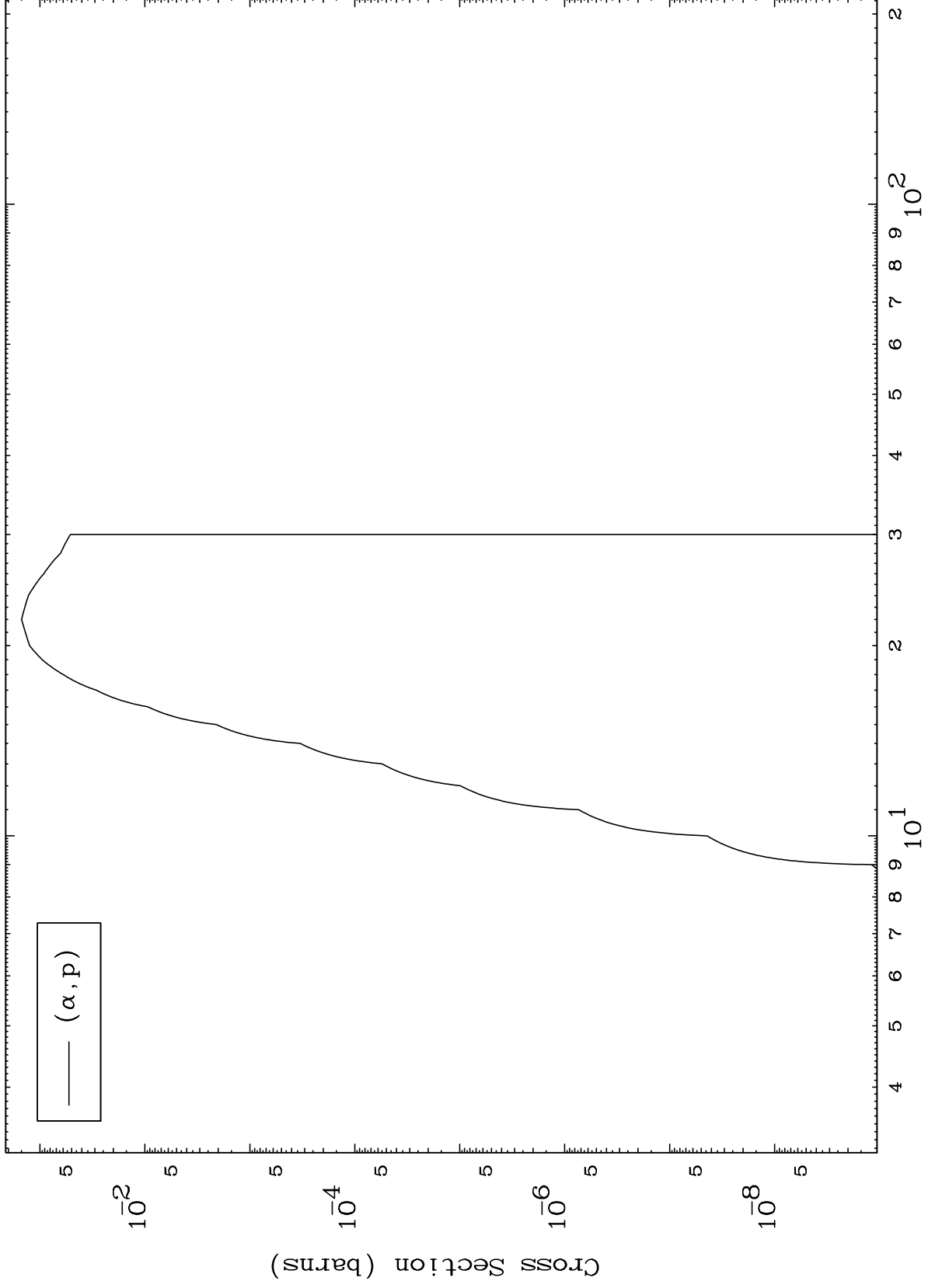


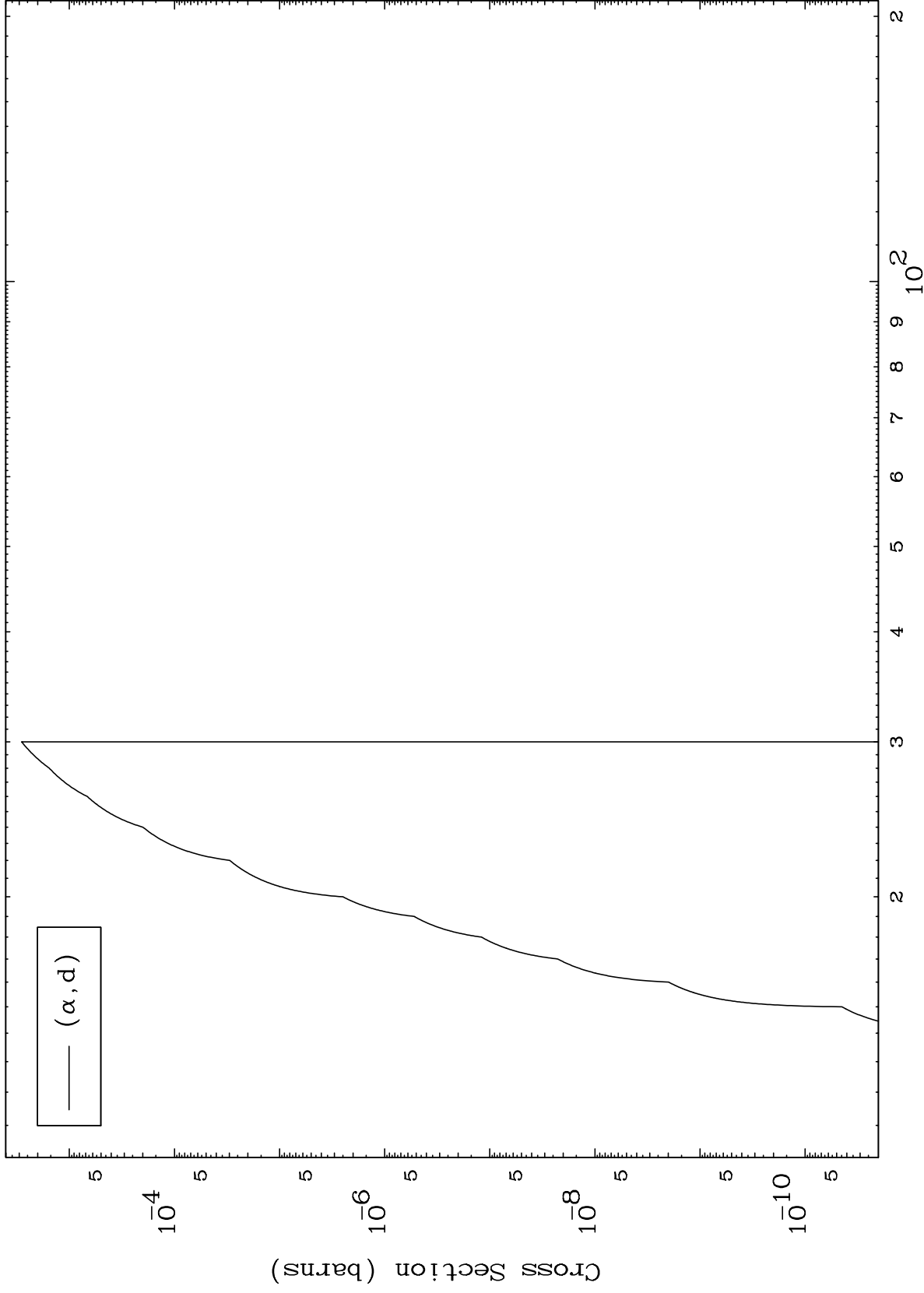


MAT 6298

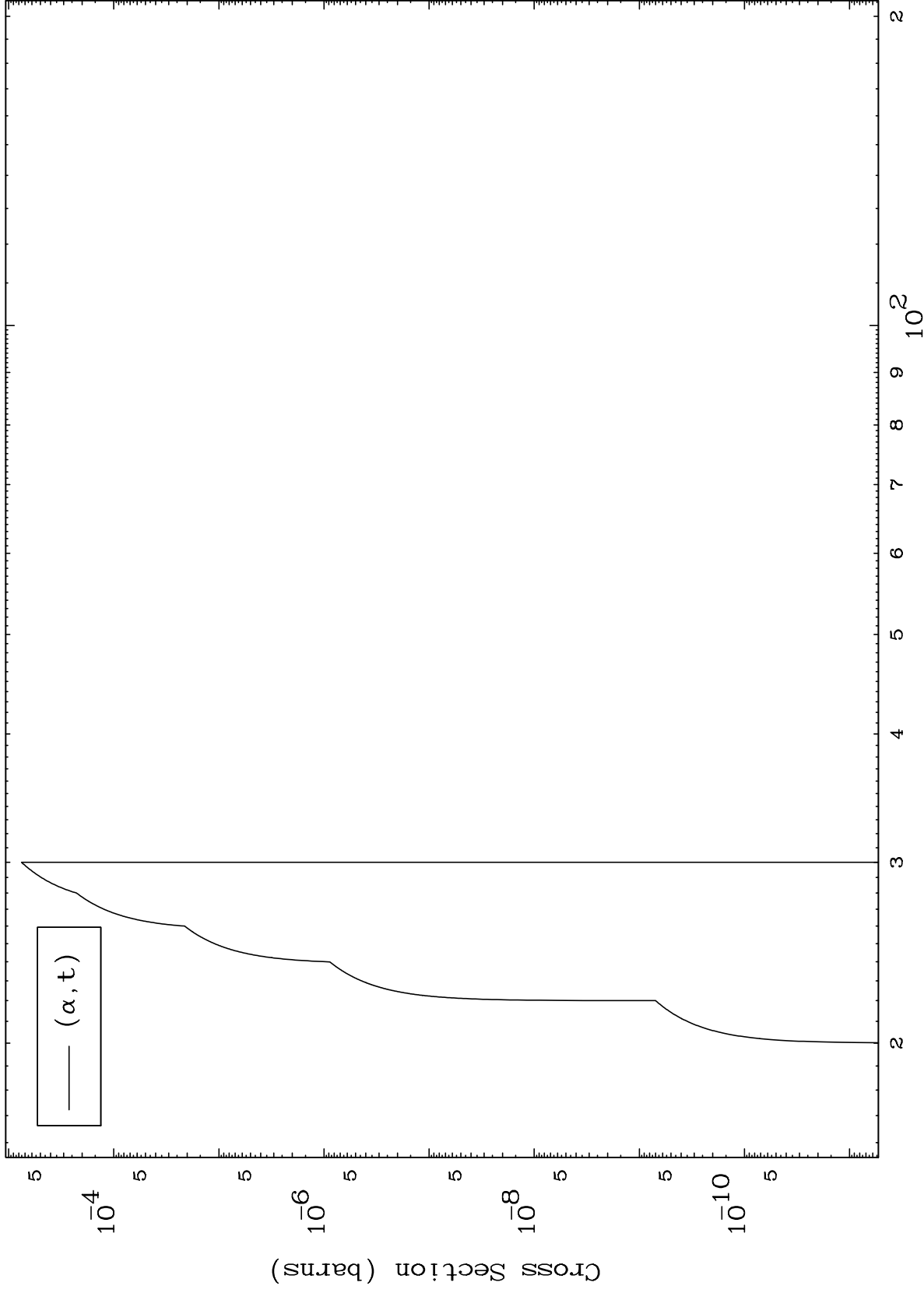
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

63-Eu-142





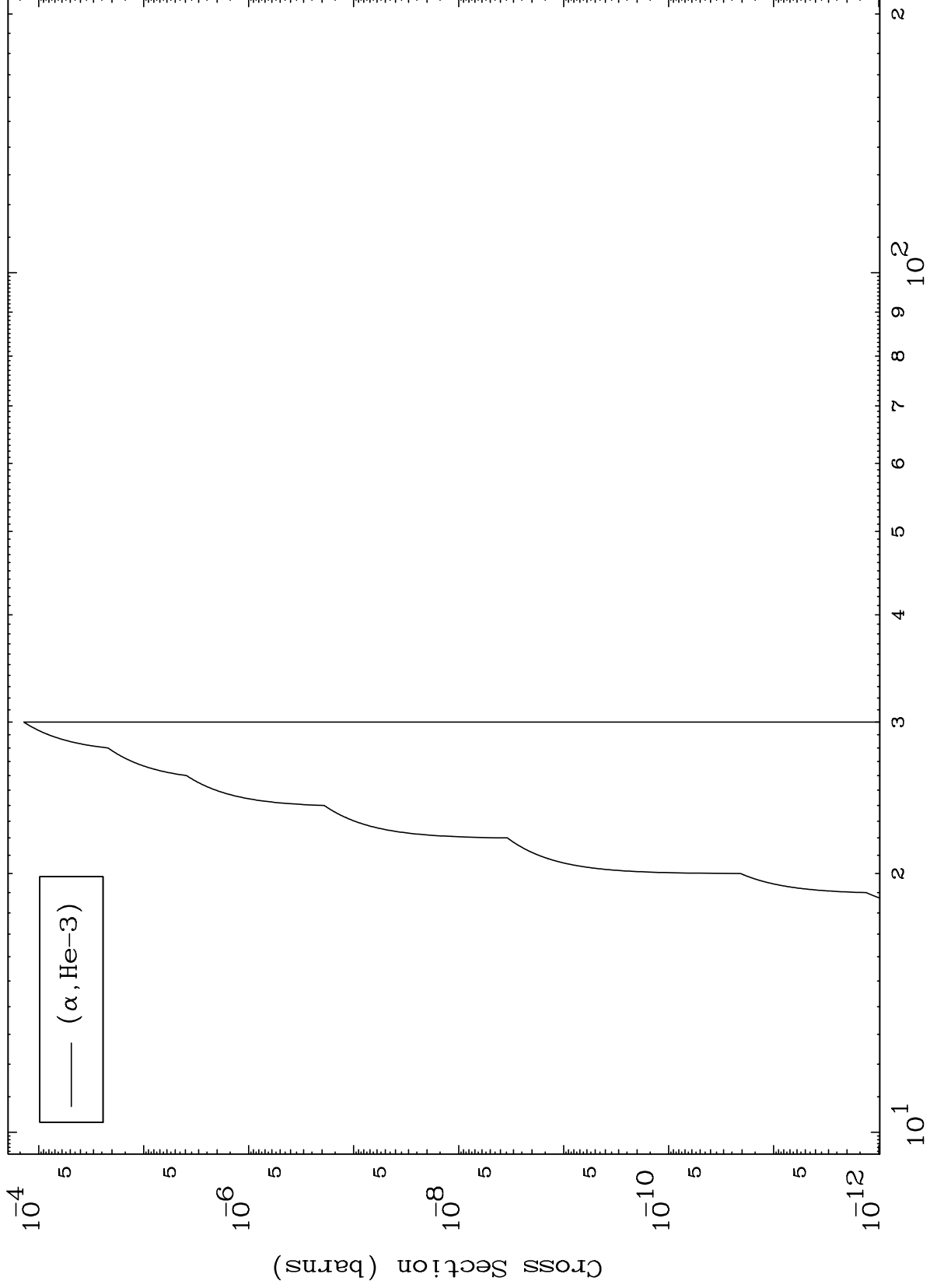




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( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

63-Eu-142



Incident Energy (MeV)

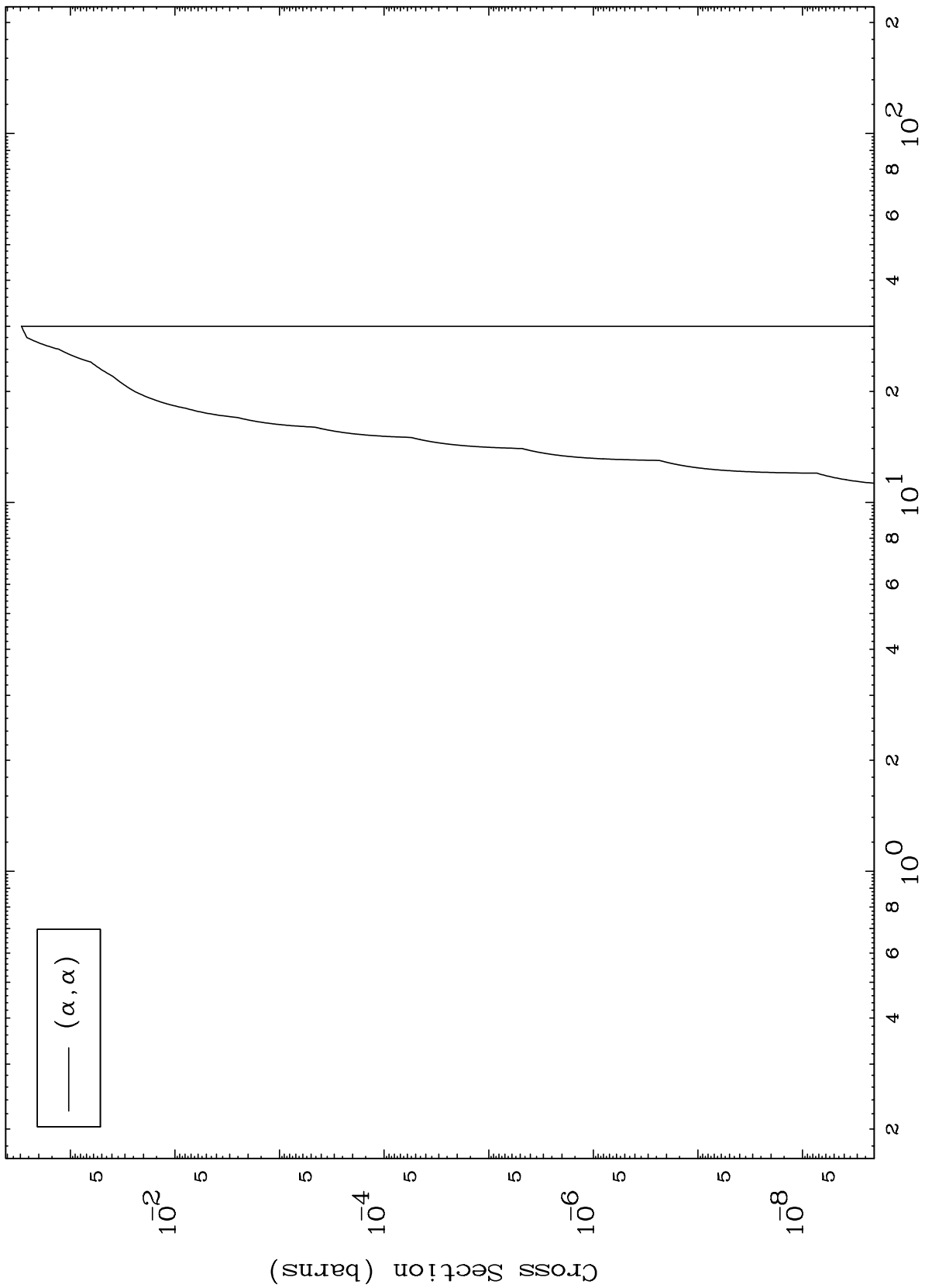
63-Eu-142

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( $\alpha, \alpha$ ) Levels

63-Eu-142

0 Kelvin Cross Sections



10

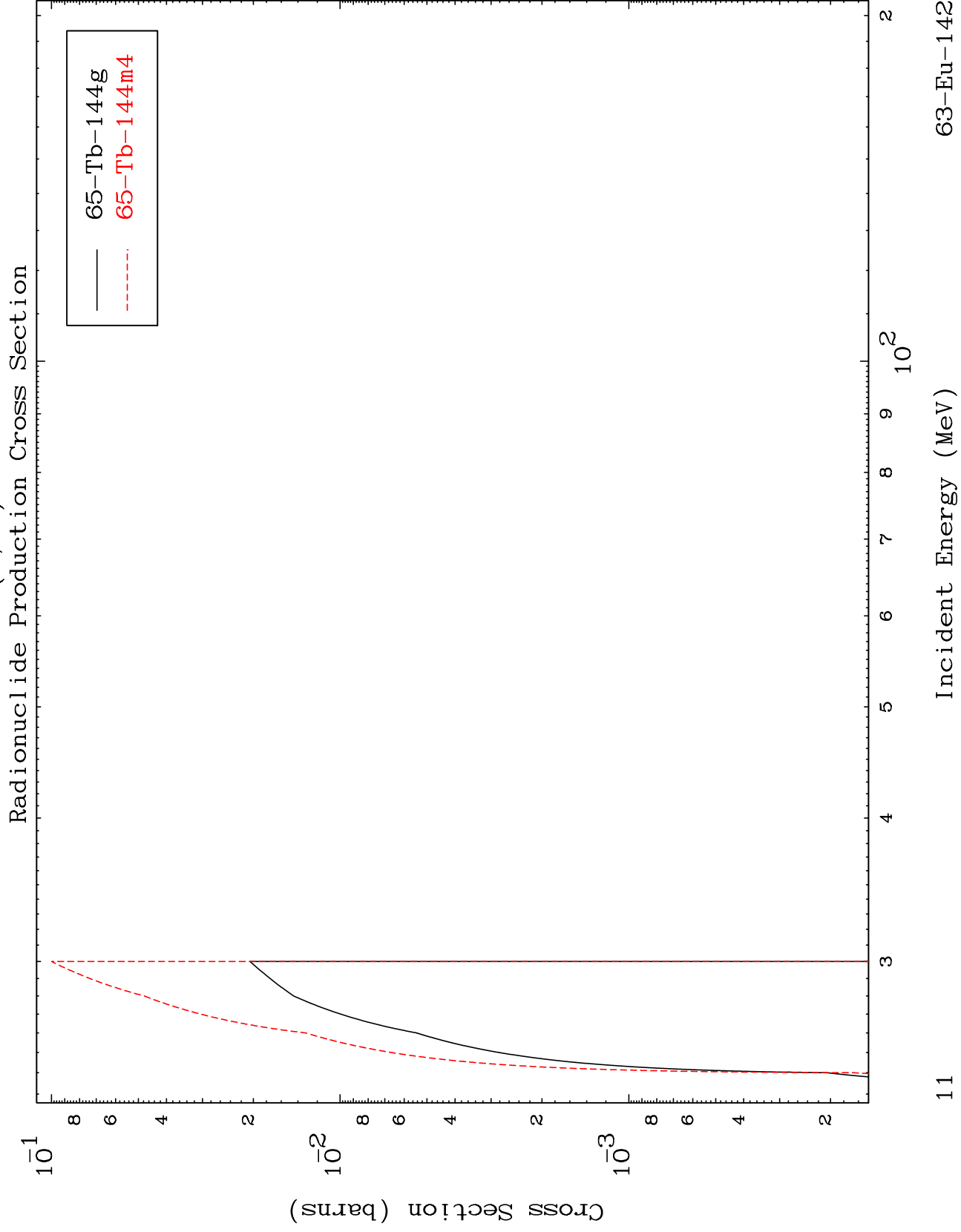
Incident Energy (MeV)

63-Eu-142

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( $\alpha, 2n$ )

63-Eu-142



11

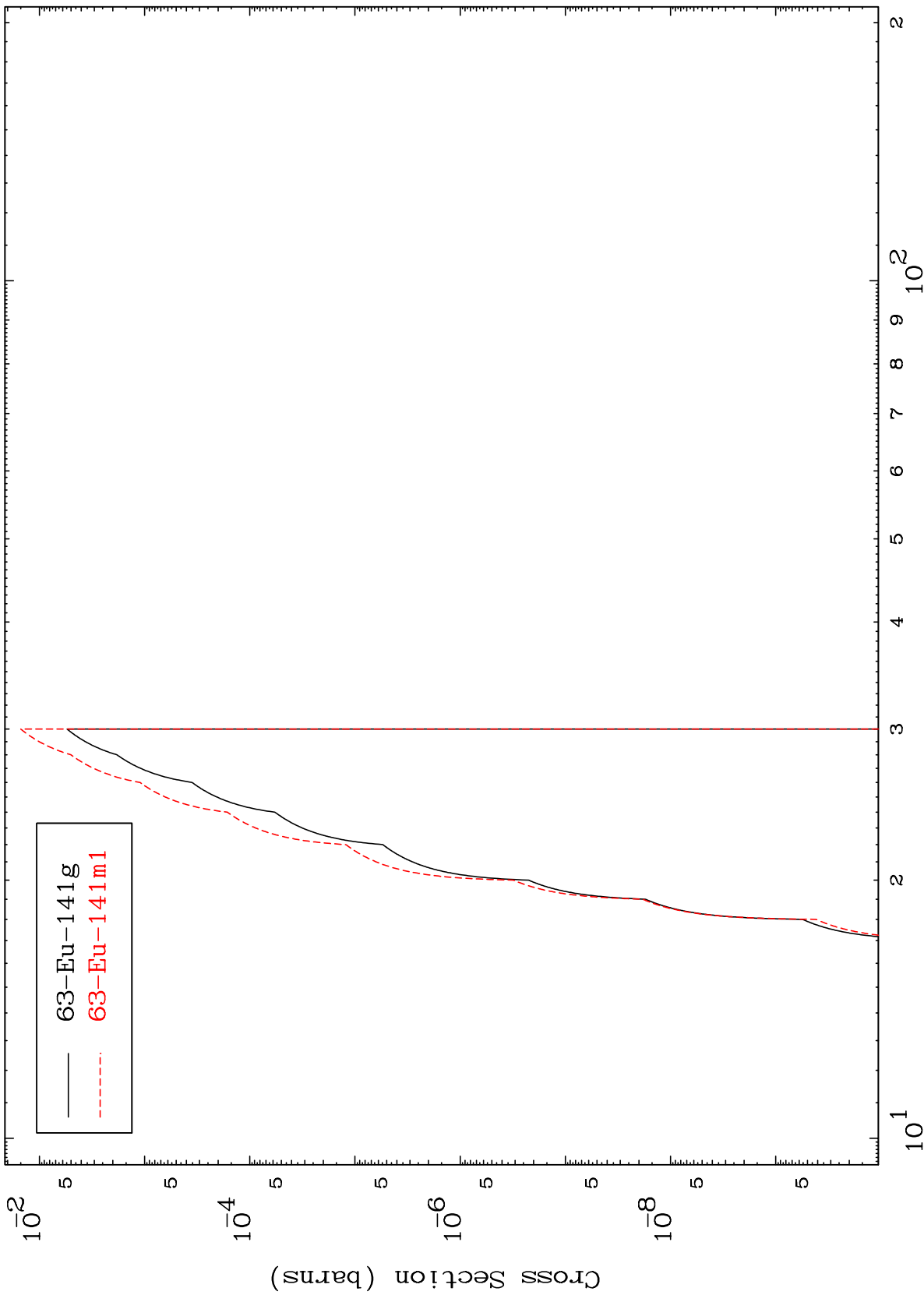
63-Eu-142

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

63-Eu-142

Radionuclide Production Cross Section



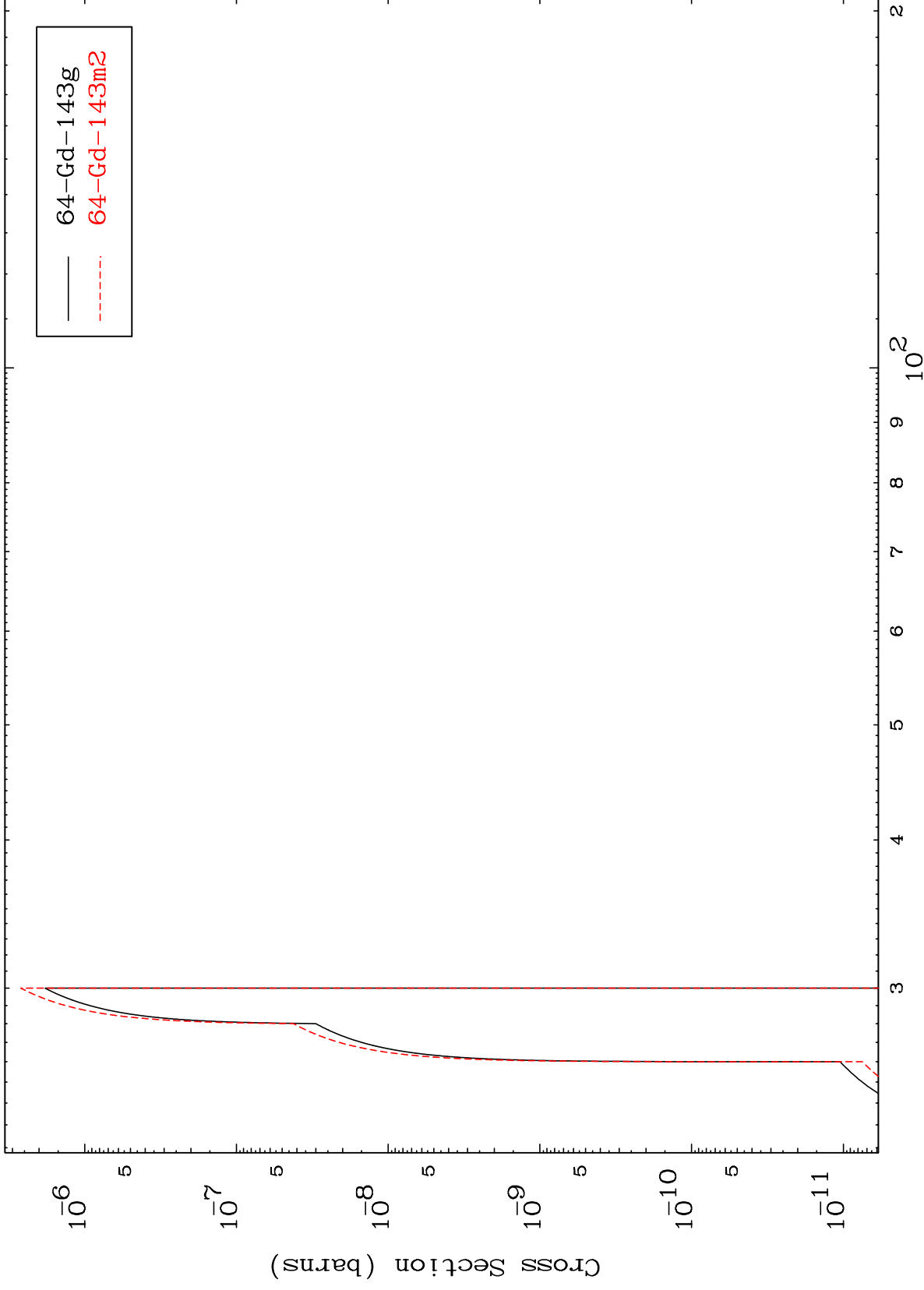
10<sup>1</sup>

Incident Energy (MeV)

63-Eu-142

10<sup>2</sup>

Radionuclide Production Cross Section

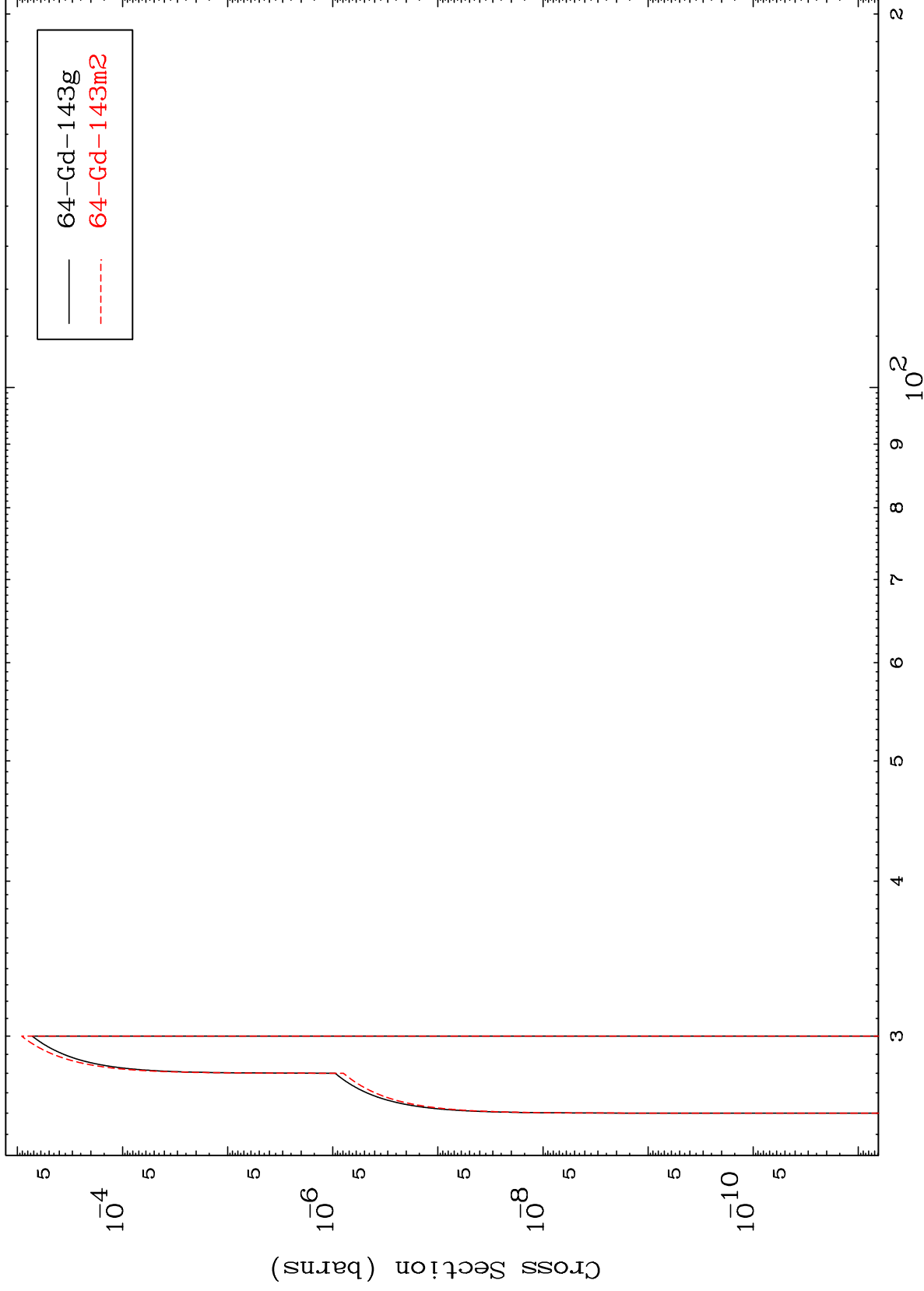


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$(\alpha, 2n)$  p

63-Eu-142

Radionuclide Production Cross Section



14

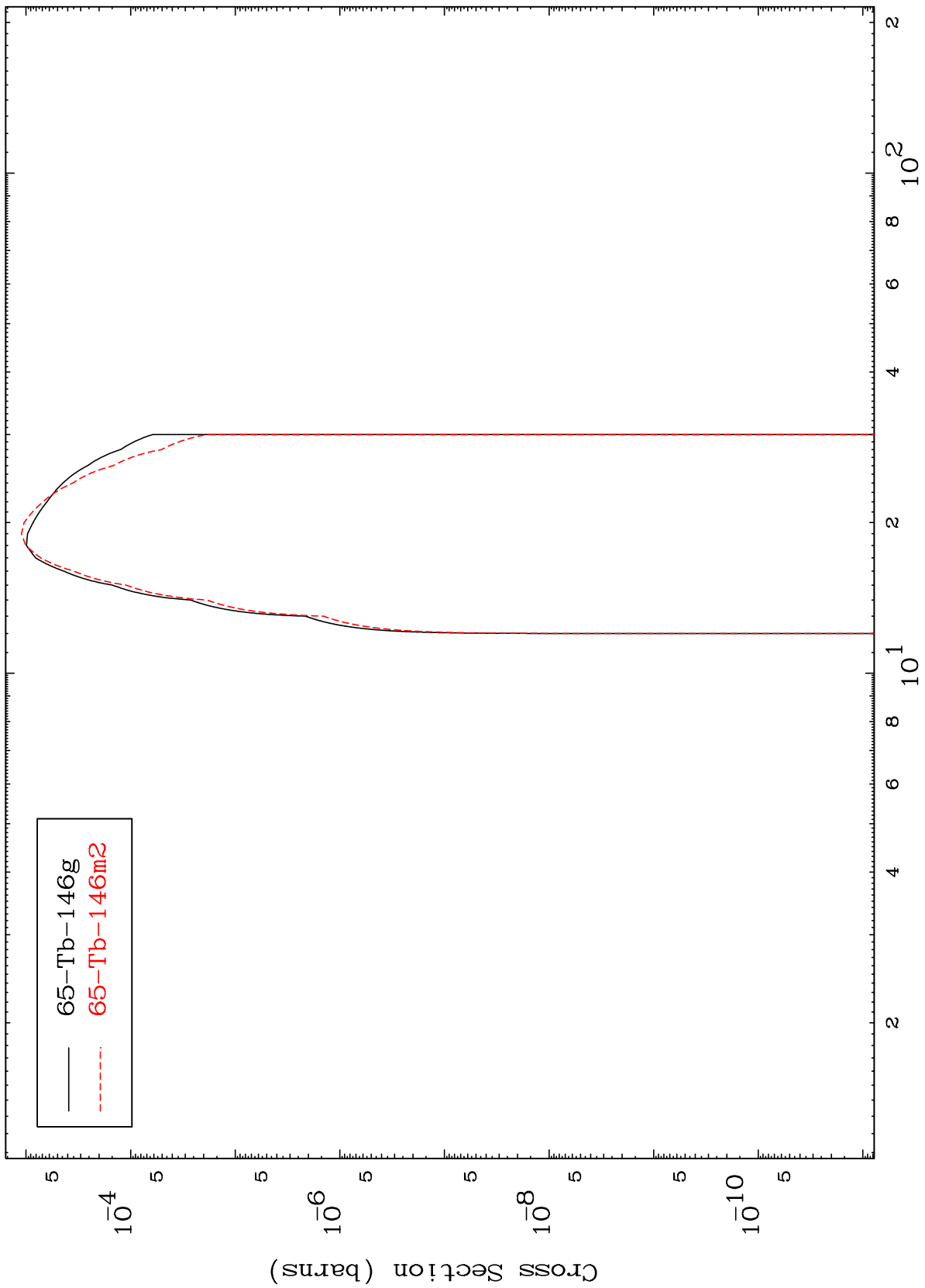
Incident Energy (MeV)

63-Eu-142

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63-Eu-142

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



— 65-Tb-146g  
- - - 65-Tb-146m2

15

Incident Energy (MeV)

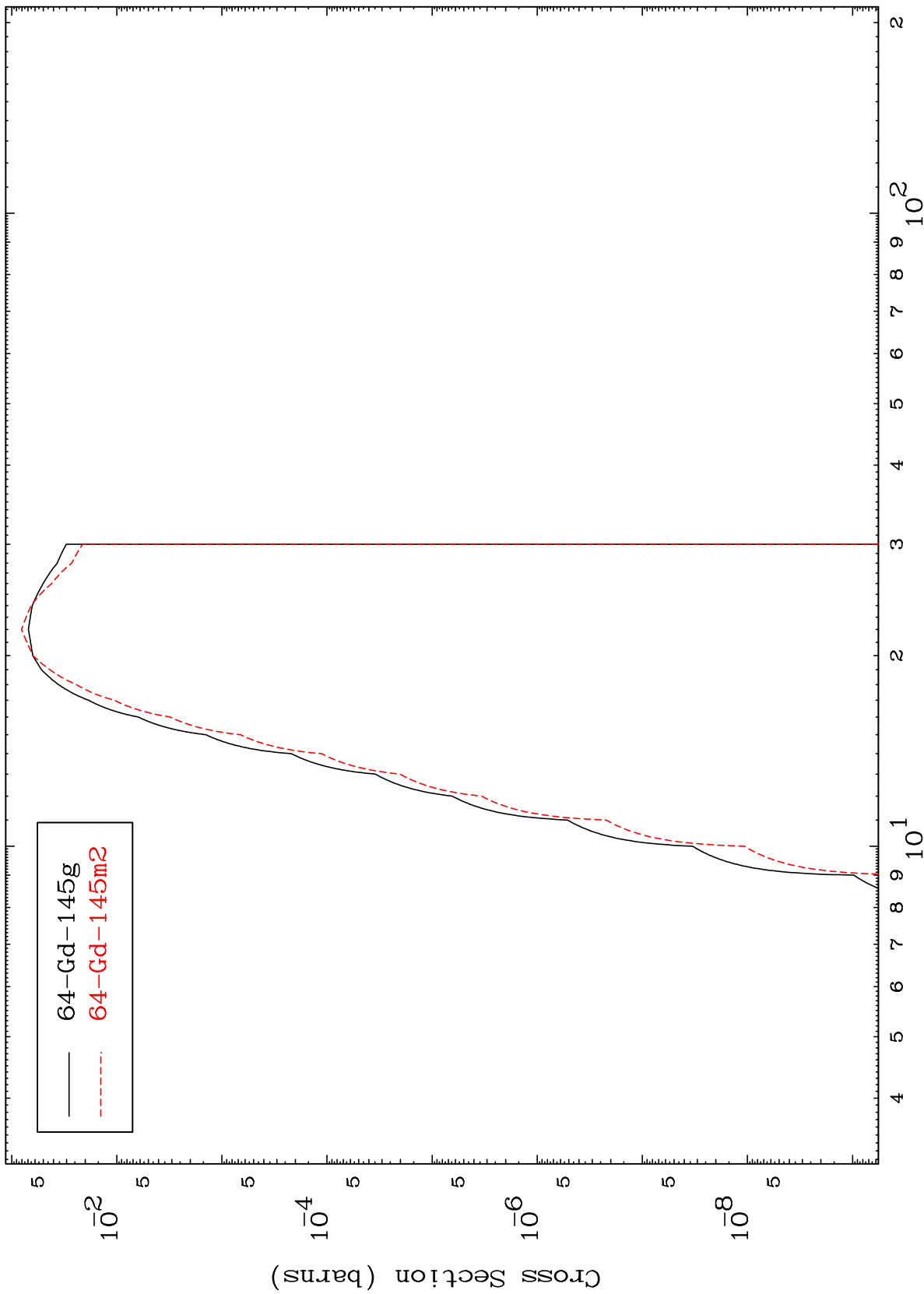
63-Eu-142



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63-Eu-142

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

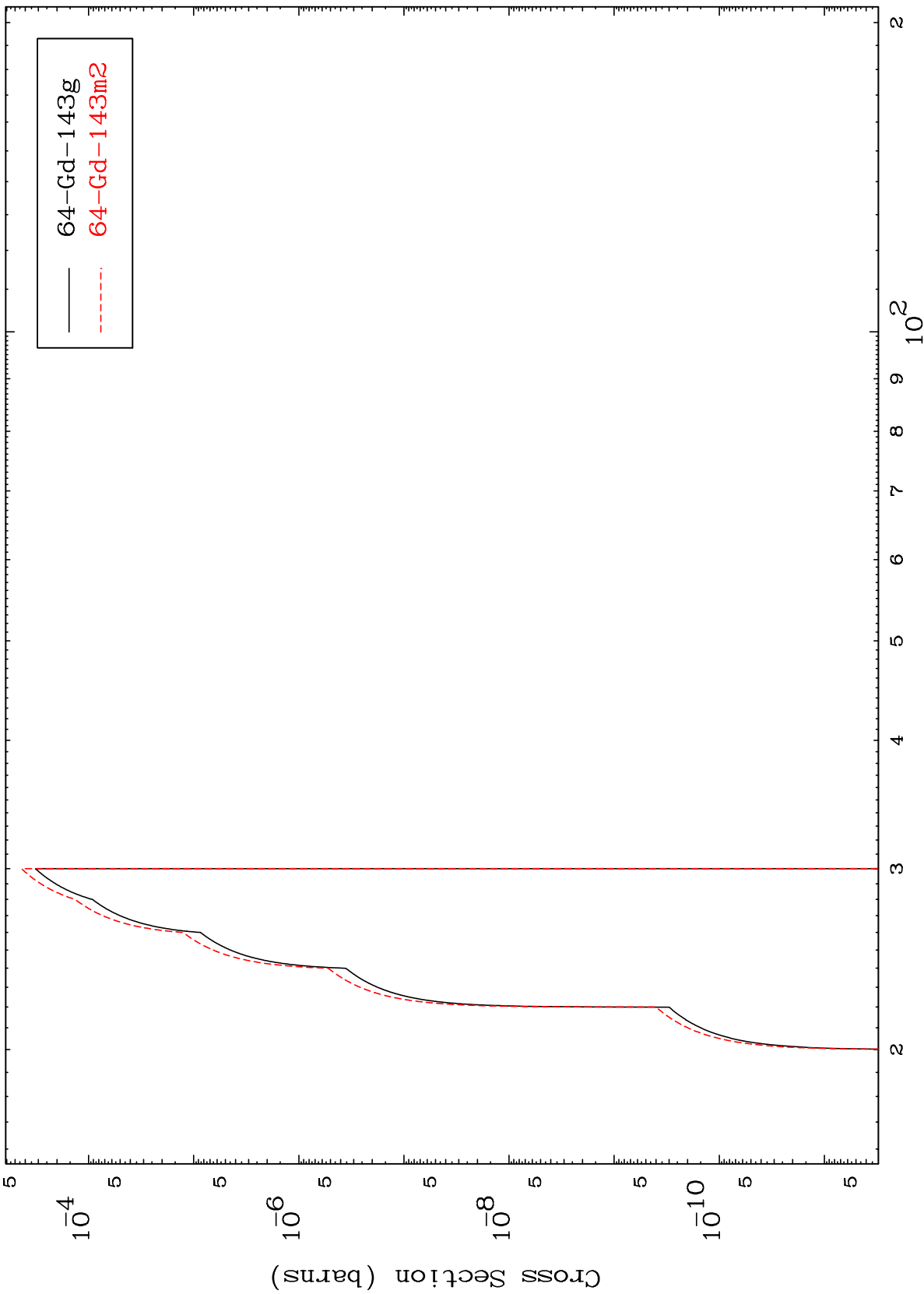


63-Eu-142

Incident Energy (MeV)

16

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

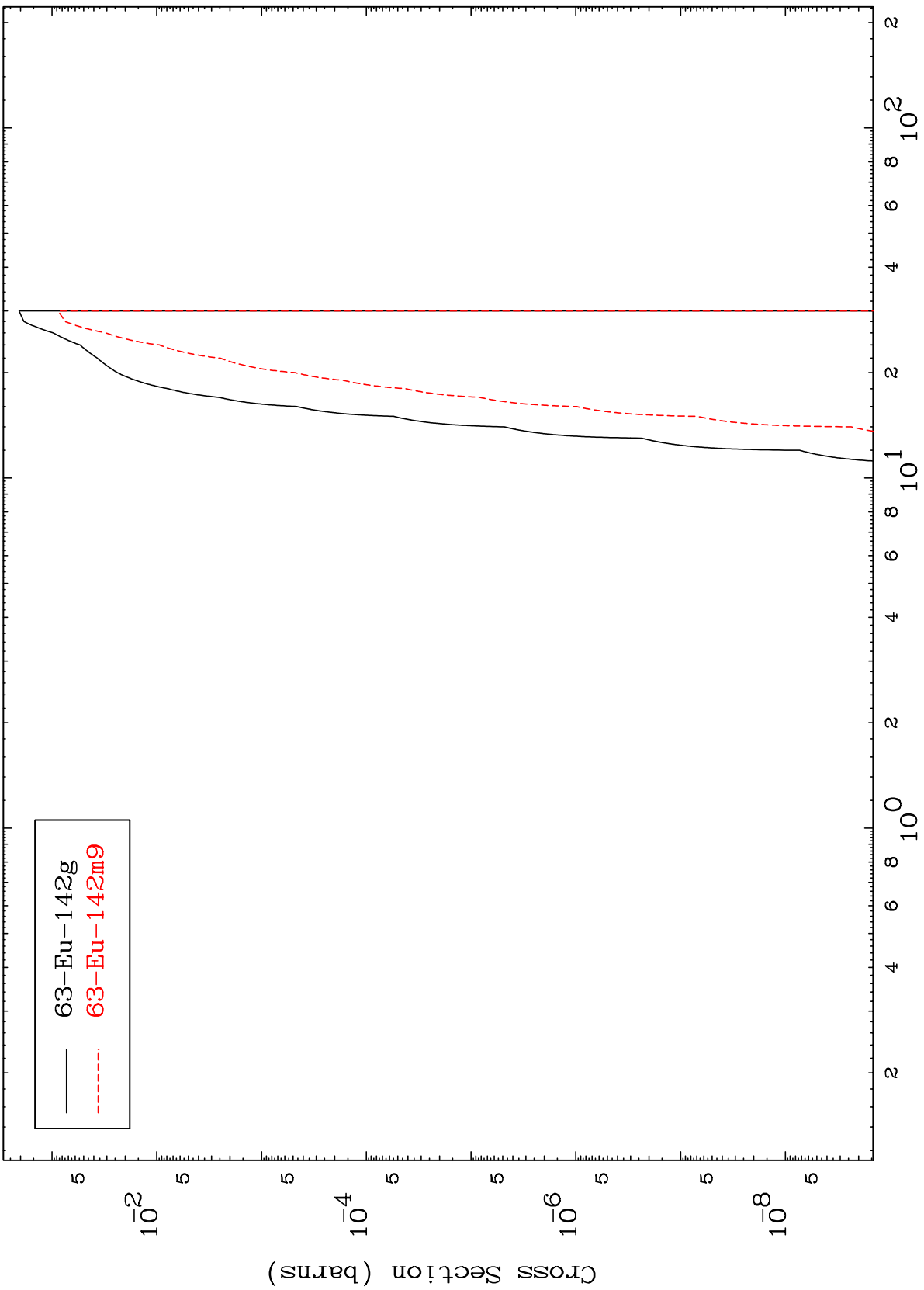


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( $\alpha, \alpha$ )

$^{63}\text{Eu}-142$

Radionuclide Production Cross Section

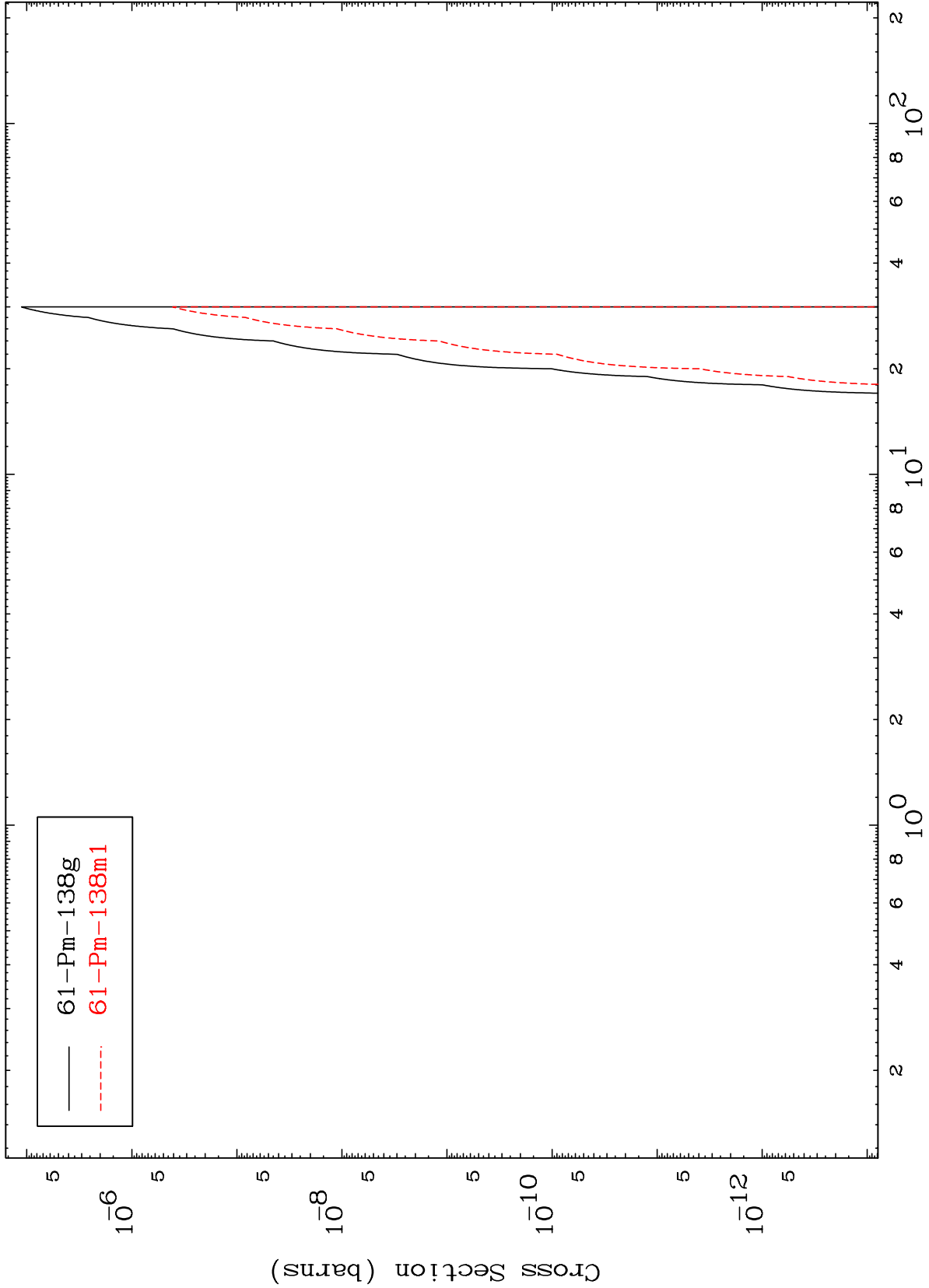


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( $\alpha, 2\alpha$ )

63-Eu-142

Radionuclide Production Cross Section

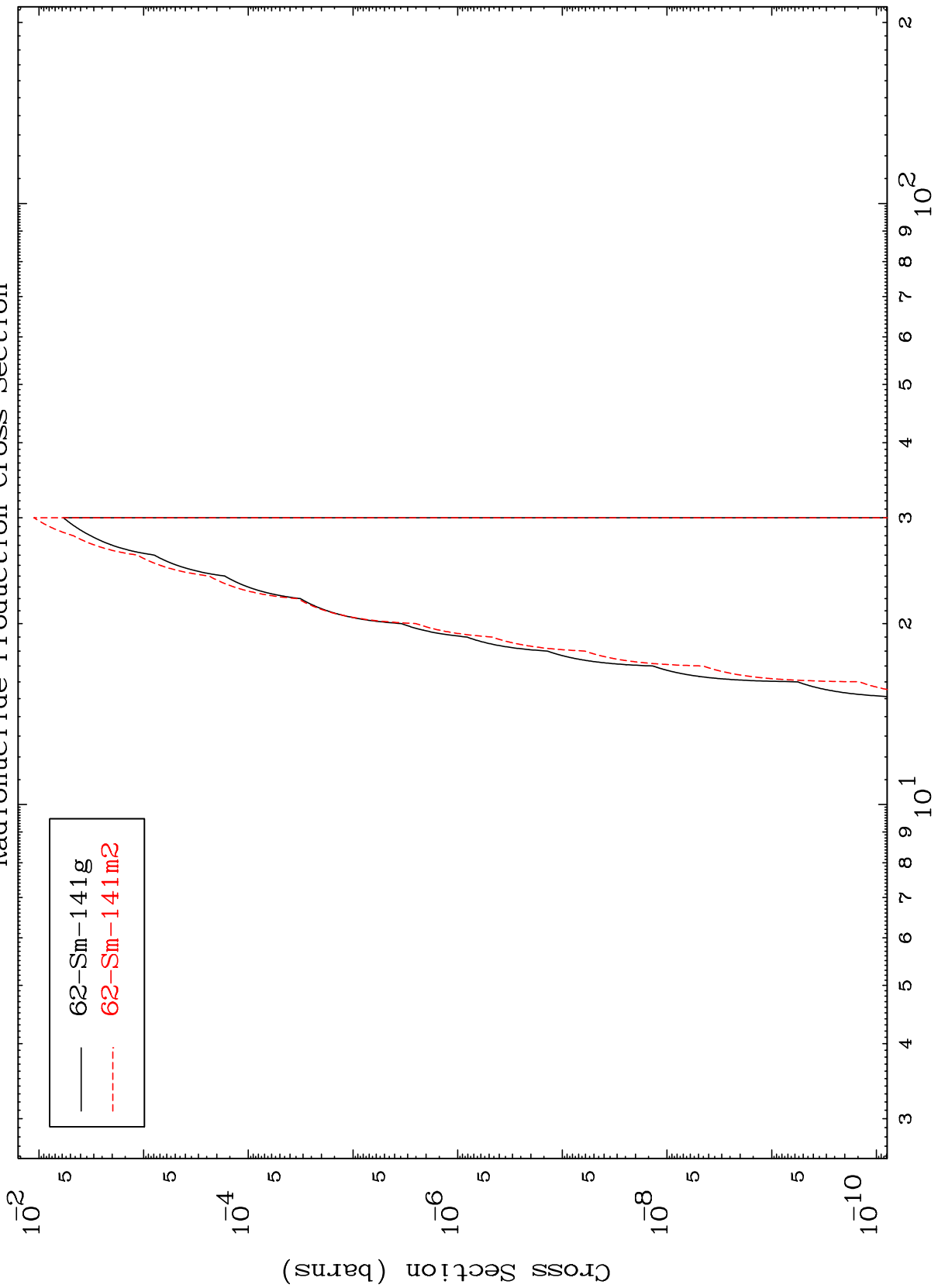


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( $\alpha, p$ )  $\alpha$

63-Eu-142

Radionuclide Production Cross Section



— 62-Sm-141g  
- - - 62-Sm-141m2