

Program EVALPLOT  
(Version 2018-1)

by

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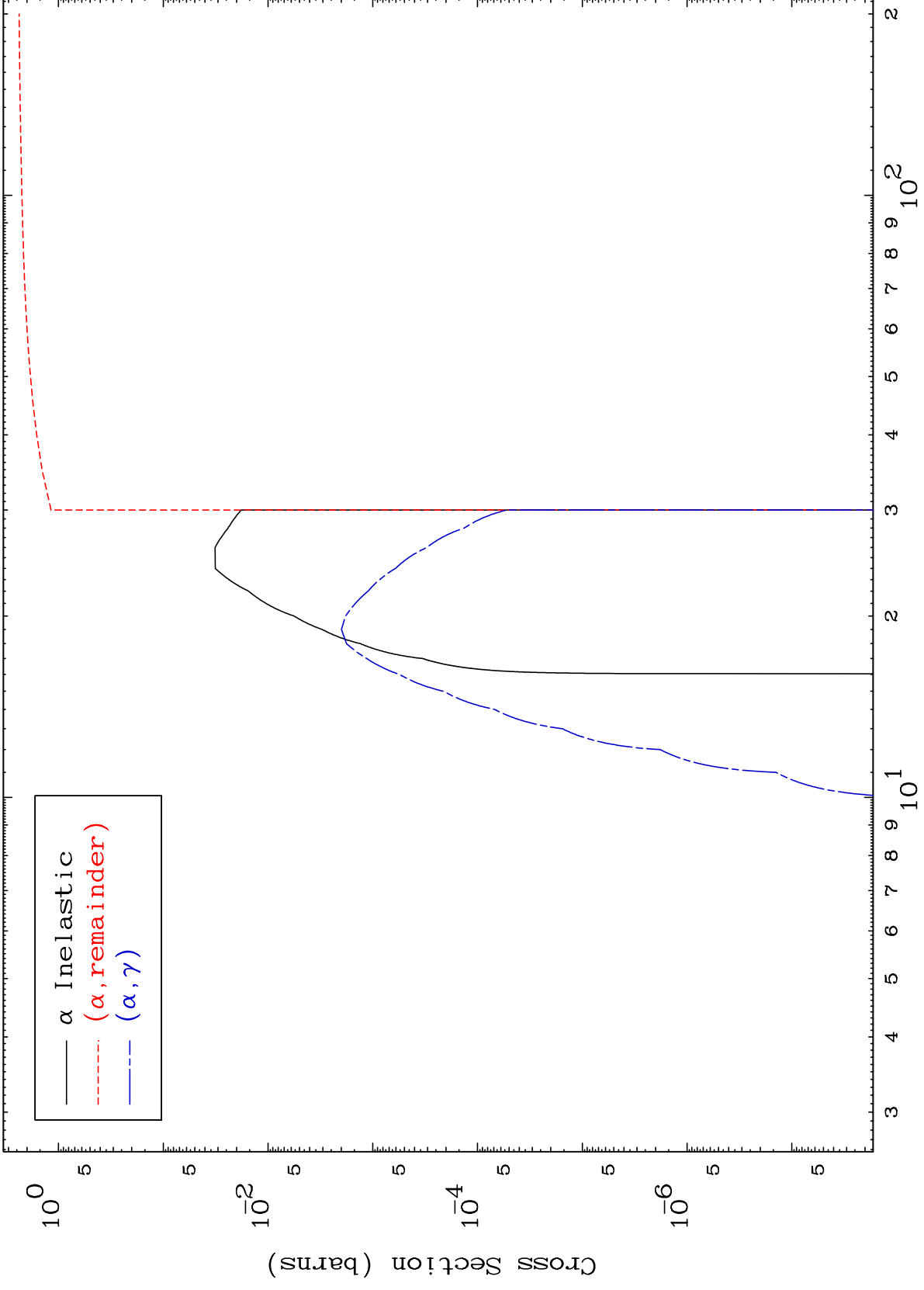
Press Mouse Button to Start

MAT 6589

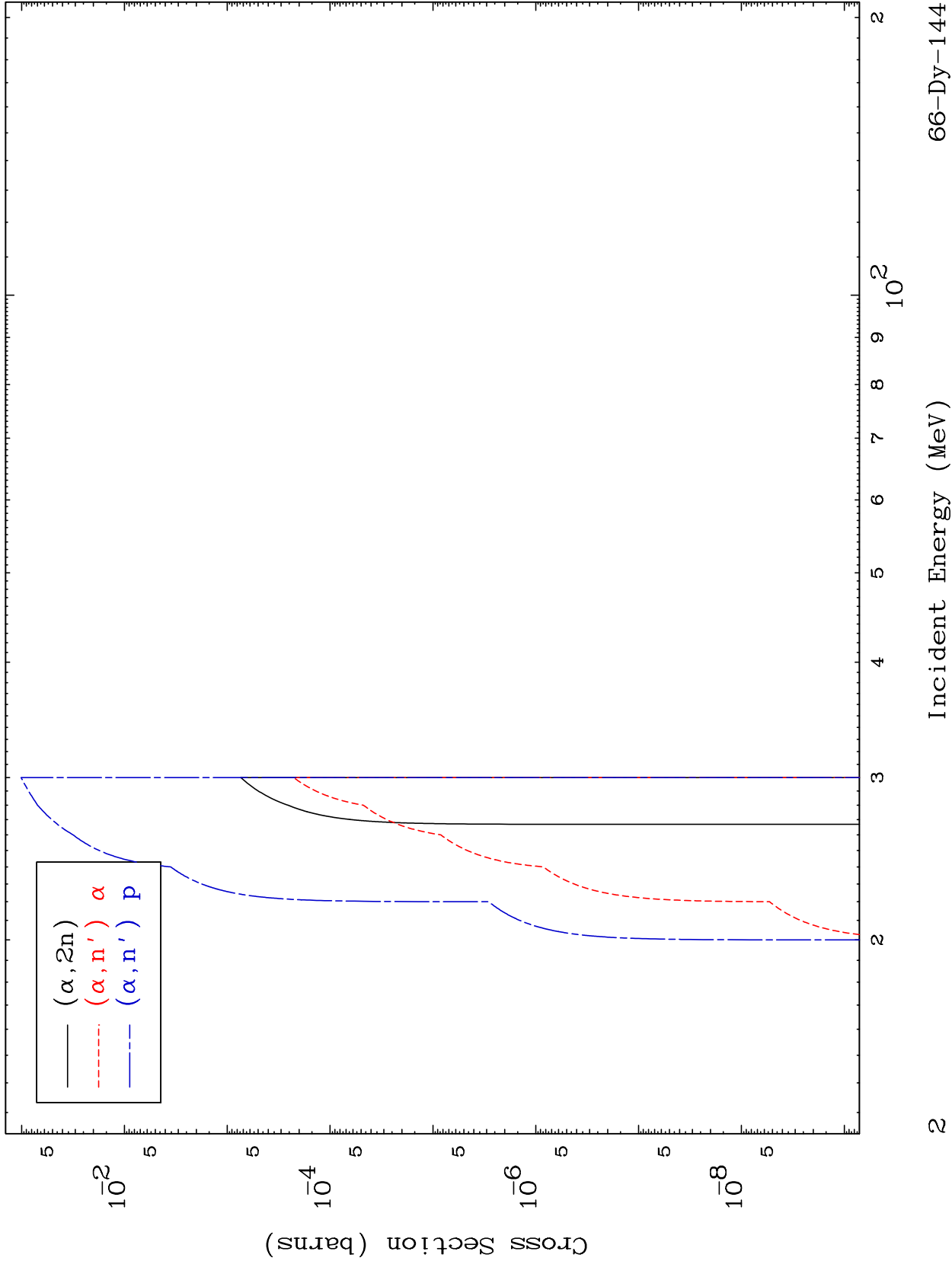
$\alpha$  Major

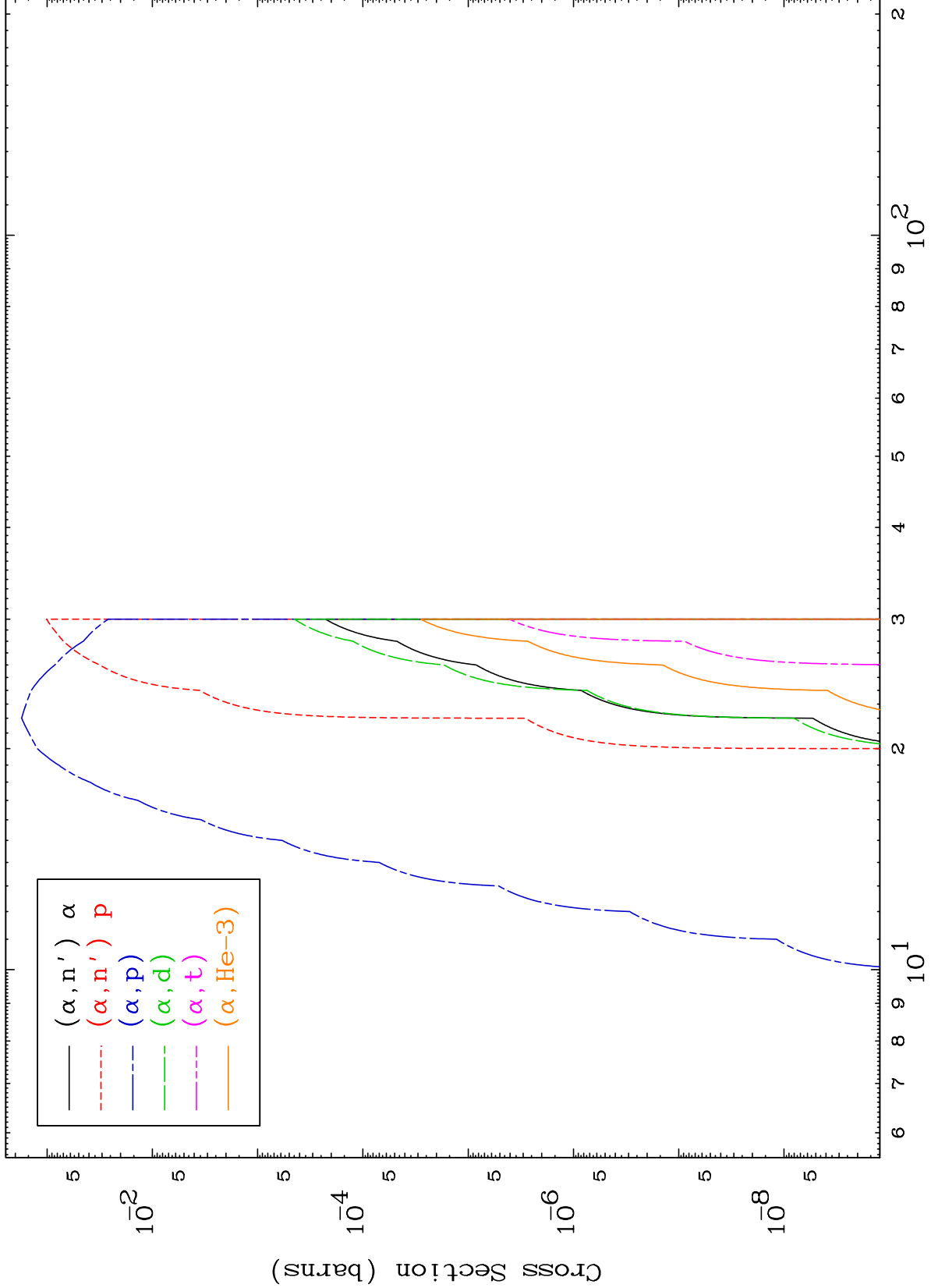
66-Dy-144

0 Kelvin Cross Sections



$\alpha$  Inelastic  
( $\alpha, \text{remainder}$ )  
( $\alpha, \gamma$ )

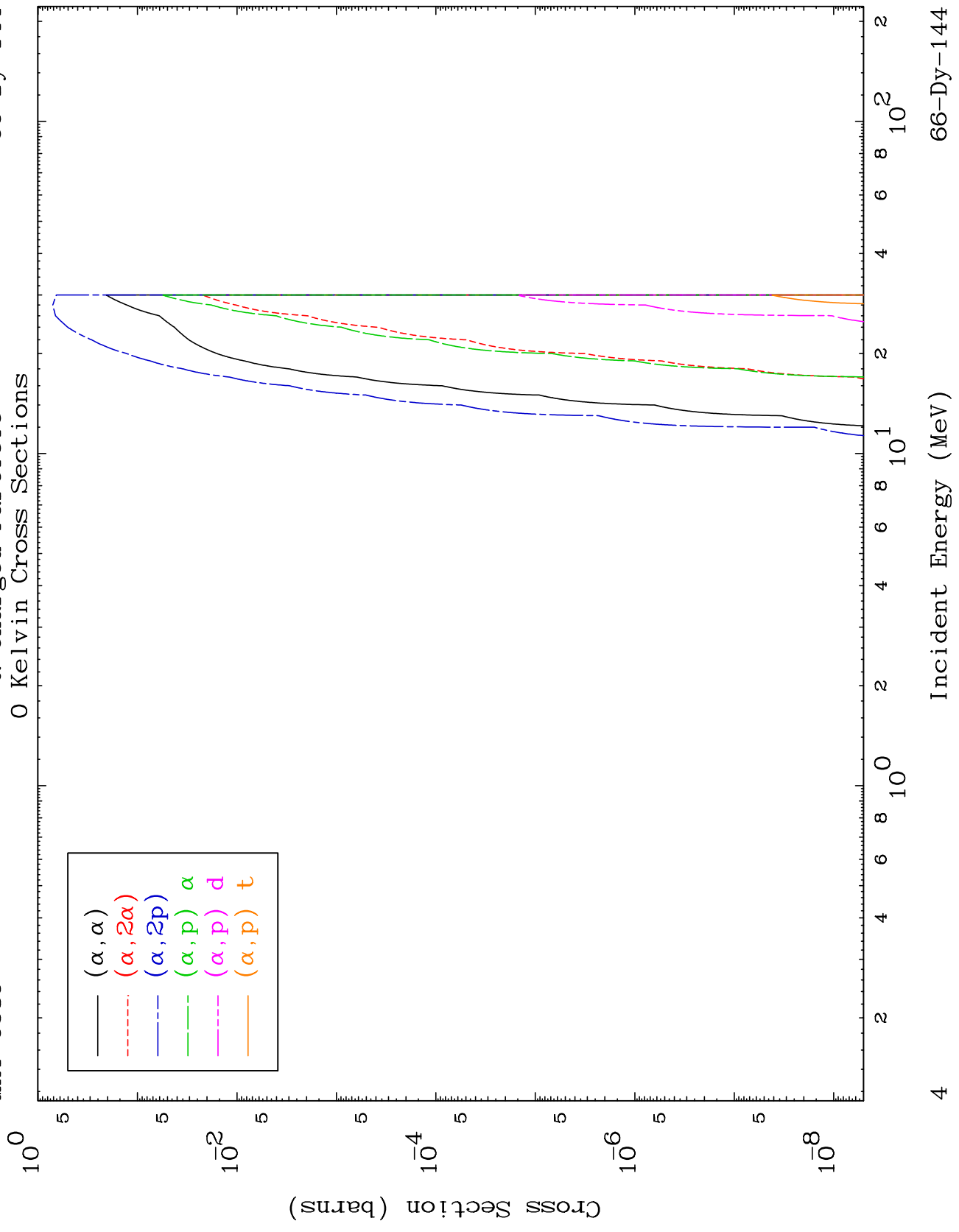




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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

66-Dy-144

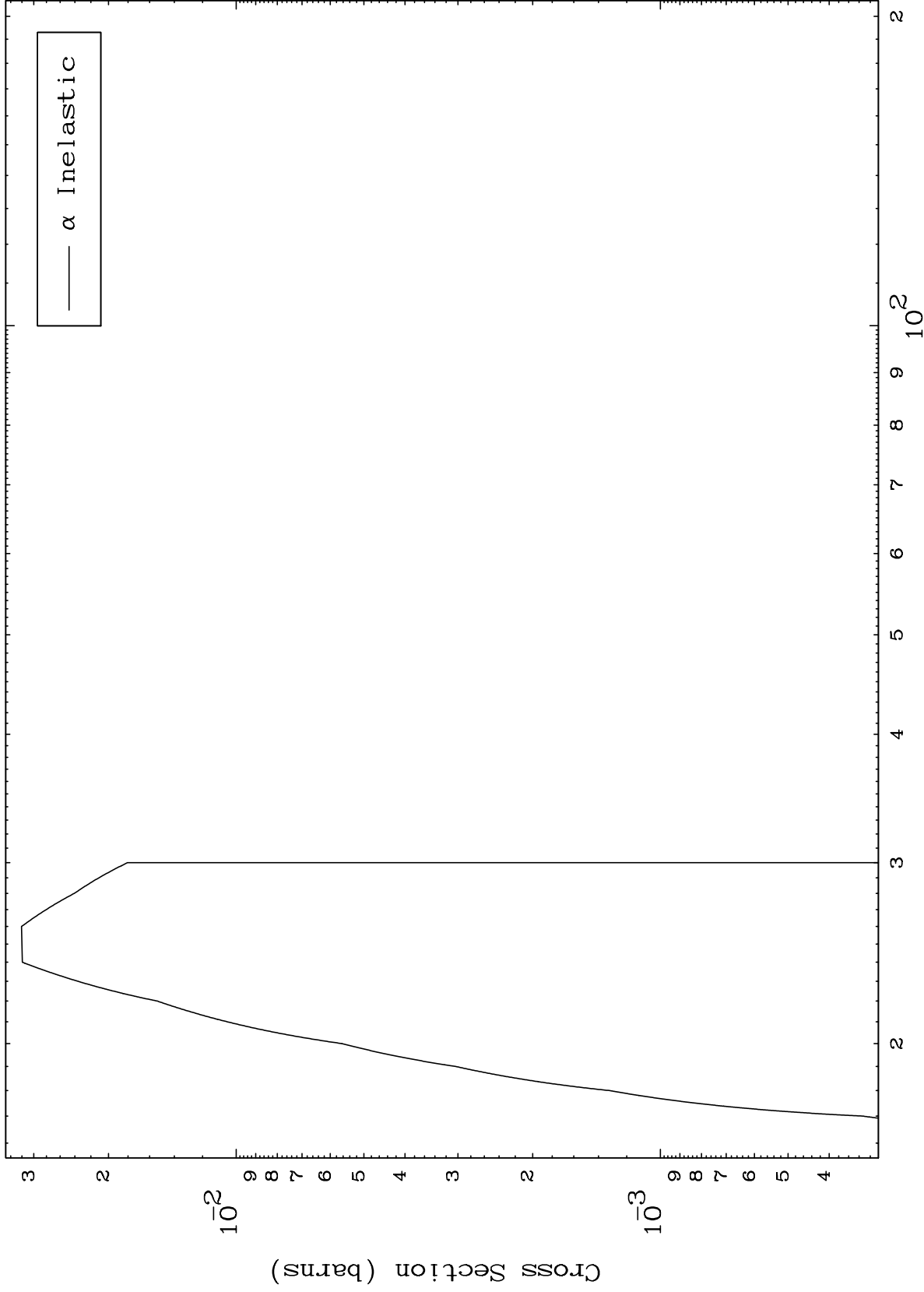


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( $\alpha, n'$ ) Level

66-Dy-144

0 Kelvin Cross Sections



$\alpha$  Inelastic

5

Incident Energy (MeV)

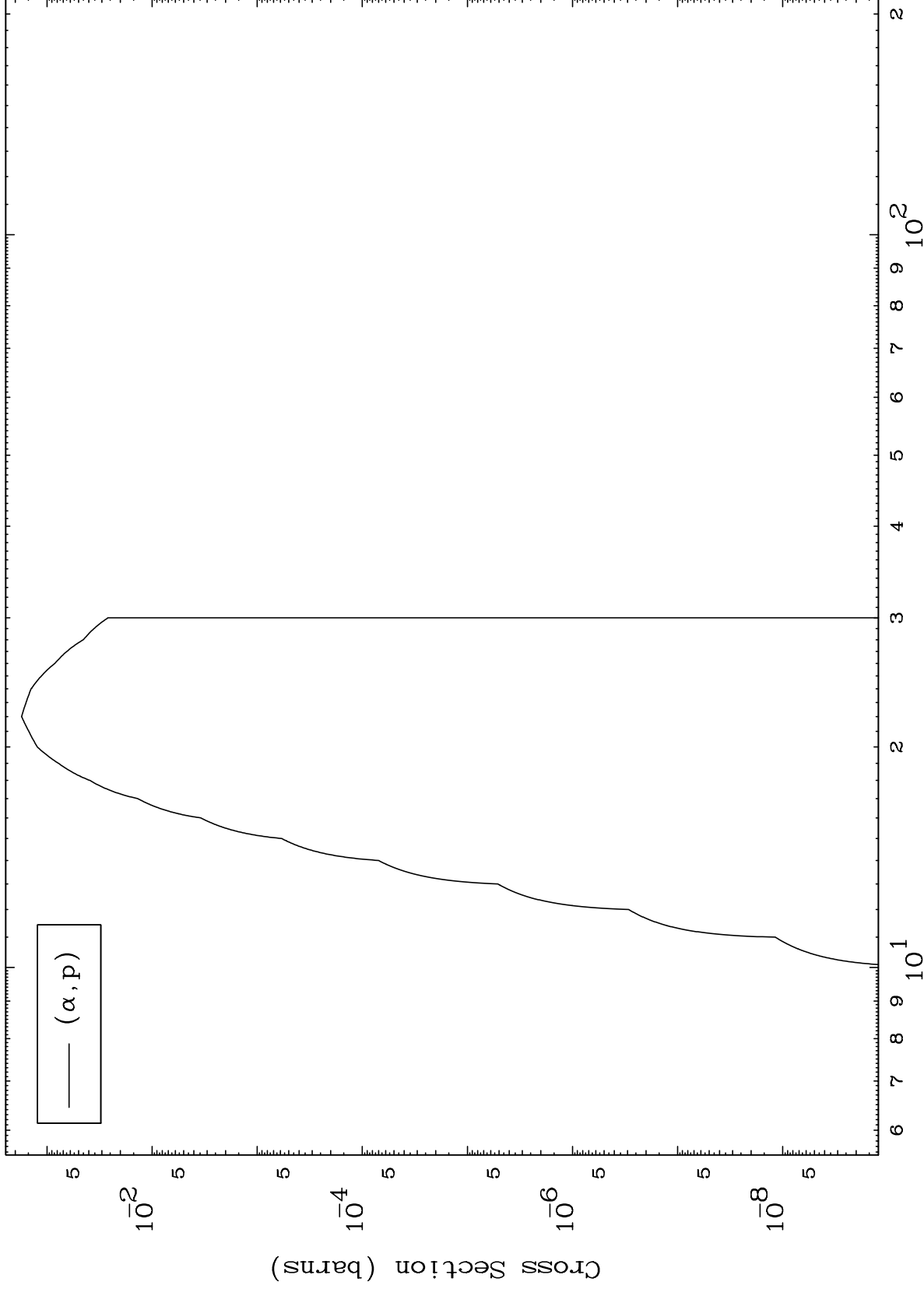
66-Dy-144

MAT 6589

( $\alpha, p$ ) Levels

66-Dy-144

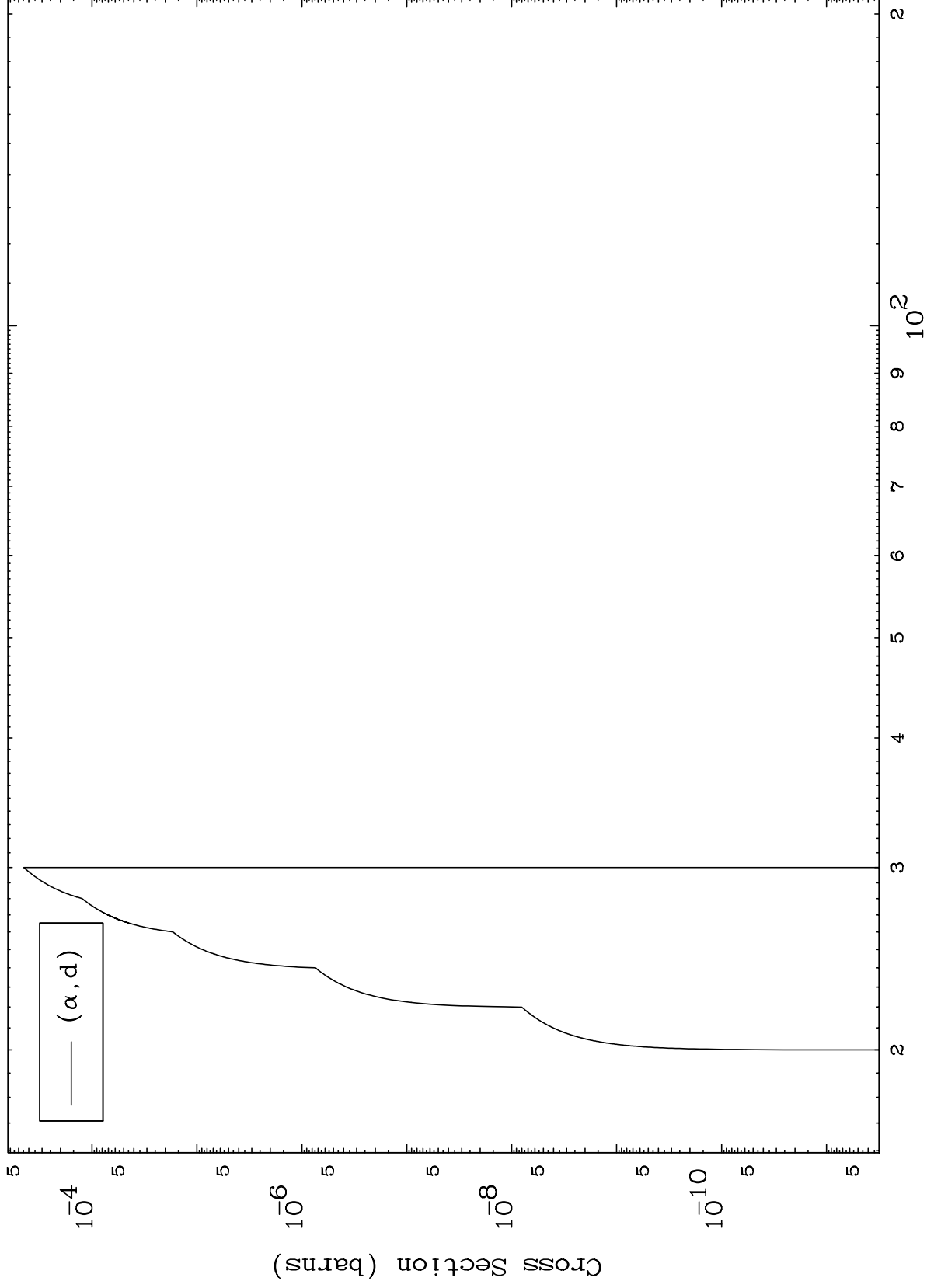
0 Kelvin Cross Sections



6

Incident Energy (MeV)

66-Dy-144

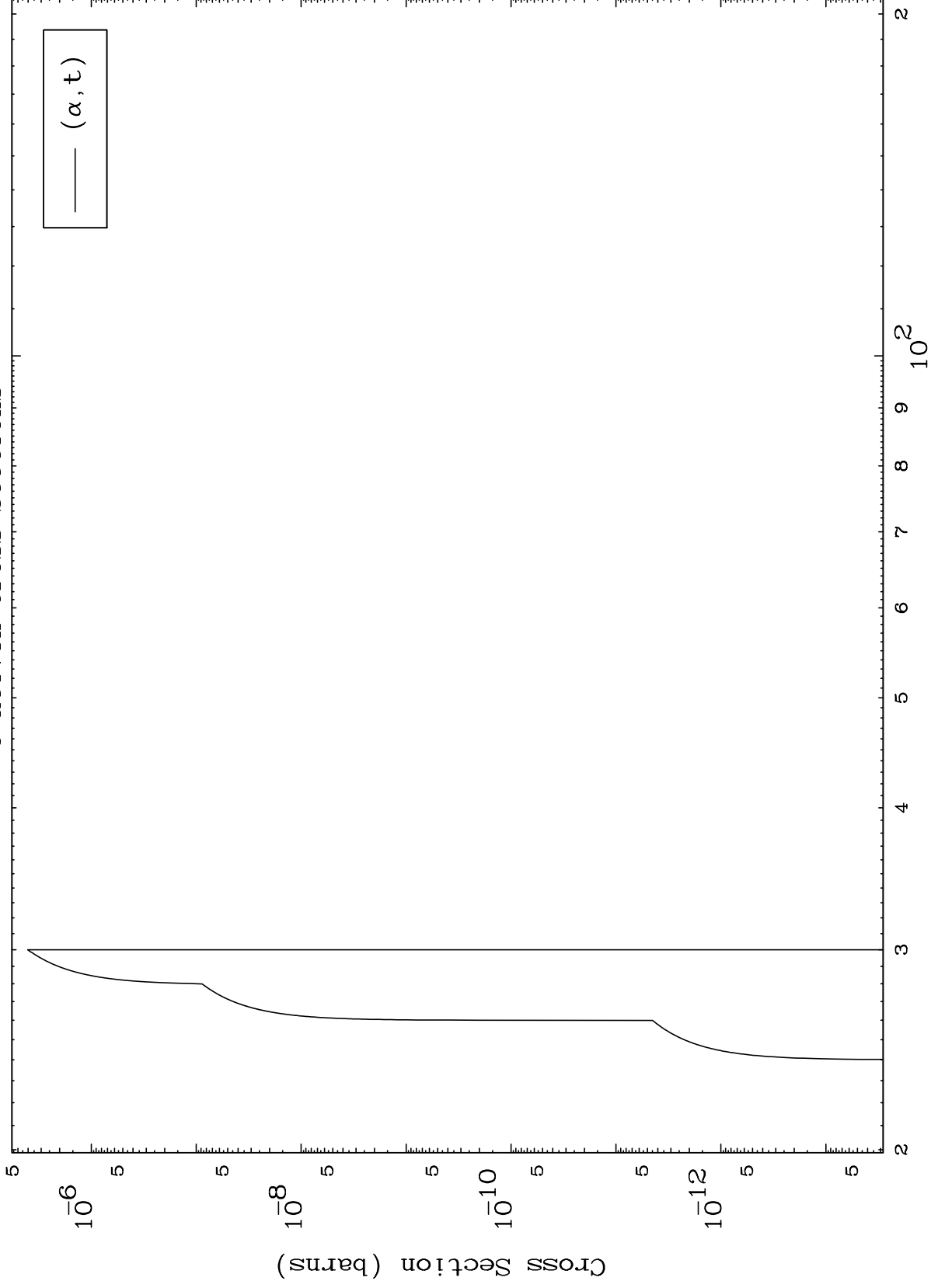




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( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

66-Dy-144

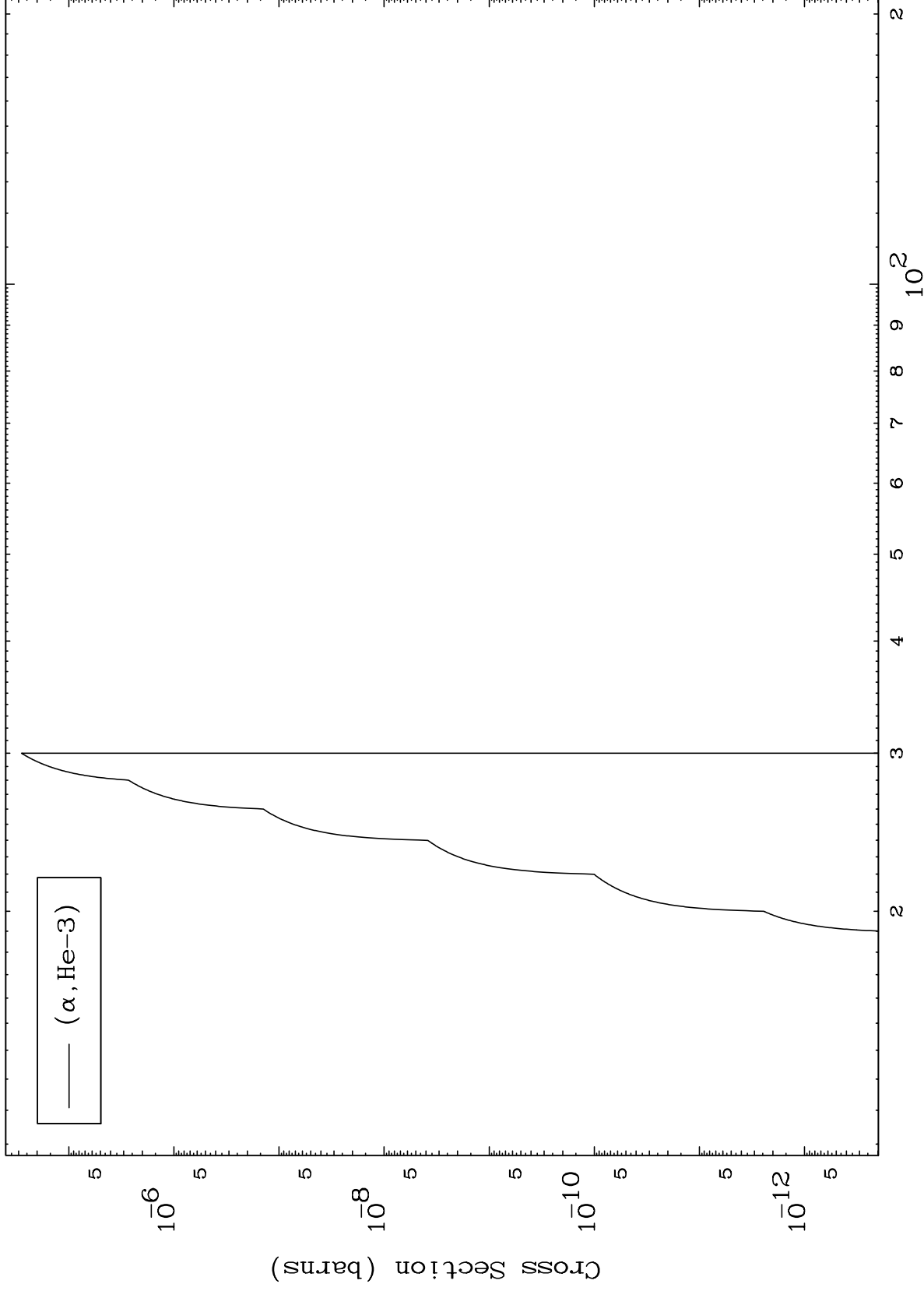


8

Incident Energy (MeV)

66-Dy-144

0 Kelvin Cross Sections

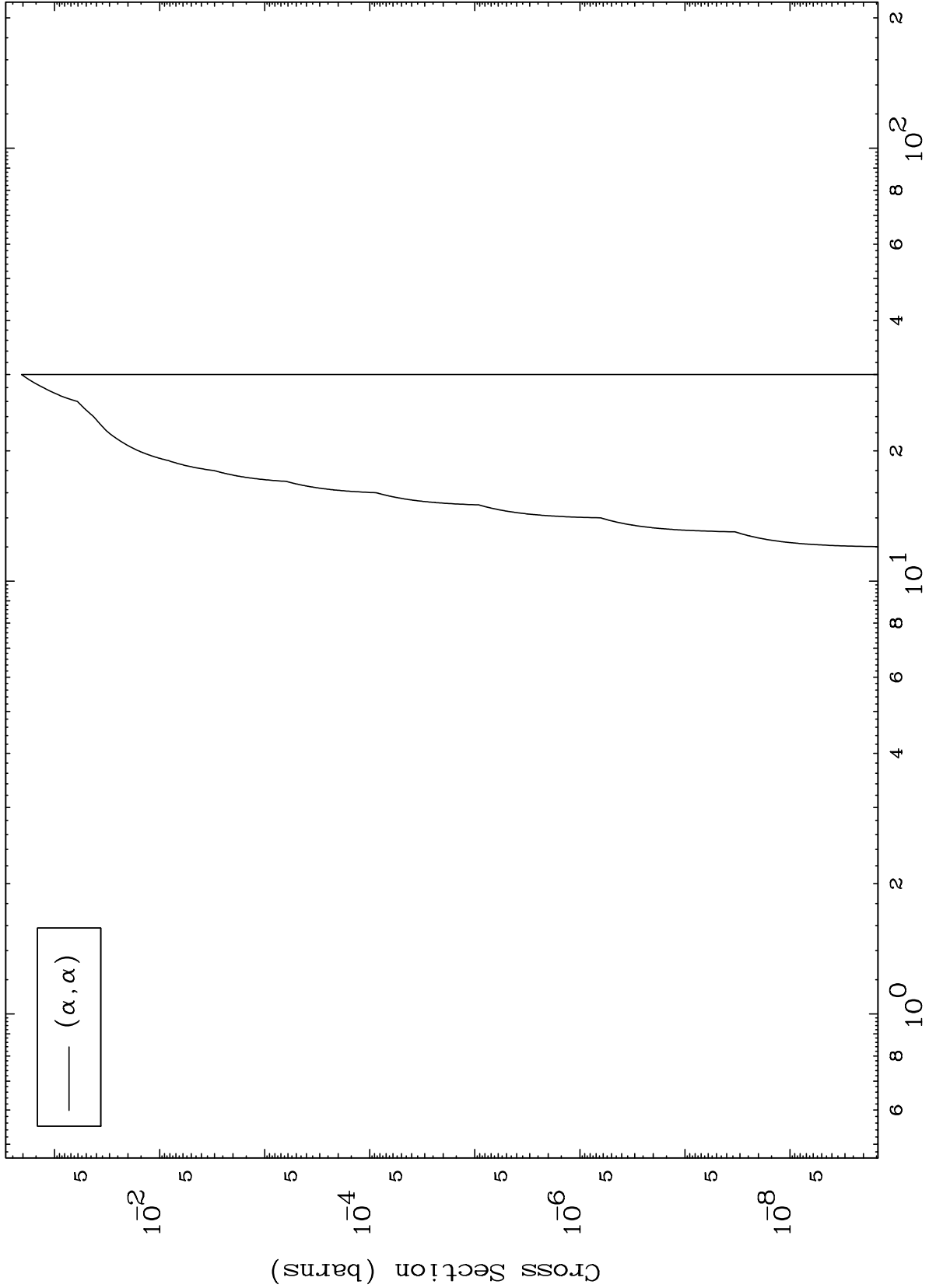


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( $\alpha, \alpha$ ) Levels

66-Dy-144

0 Kelvin Cross Sections

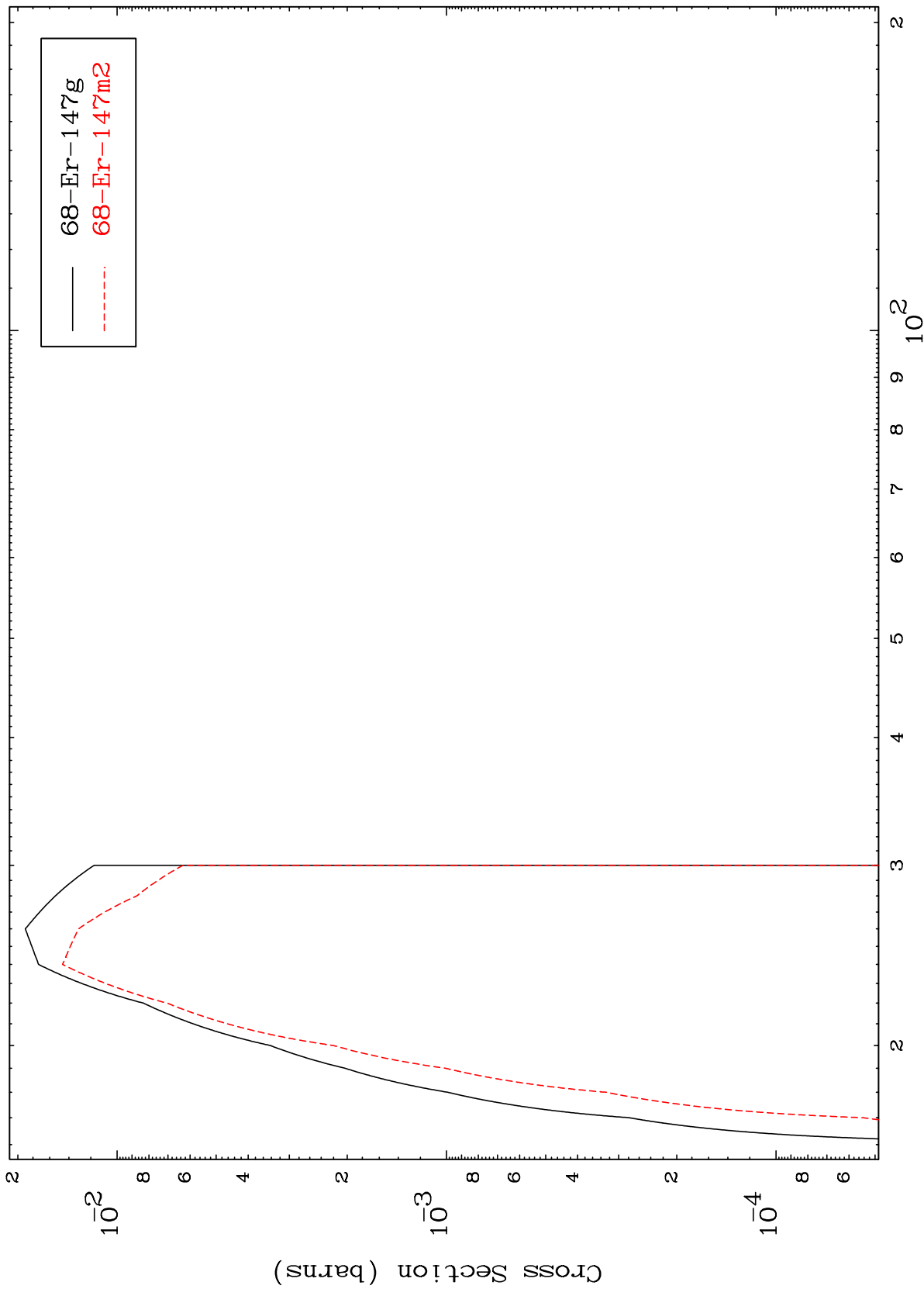


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Incident Energy (MeV)

66-Dy-144

Radionuclide Production Cross Section  
 $\alpha$  Inelastic

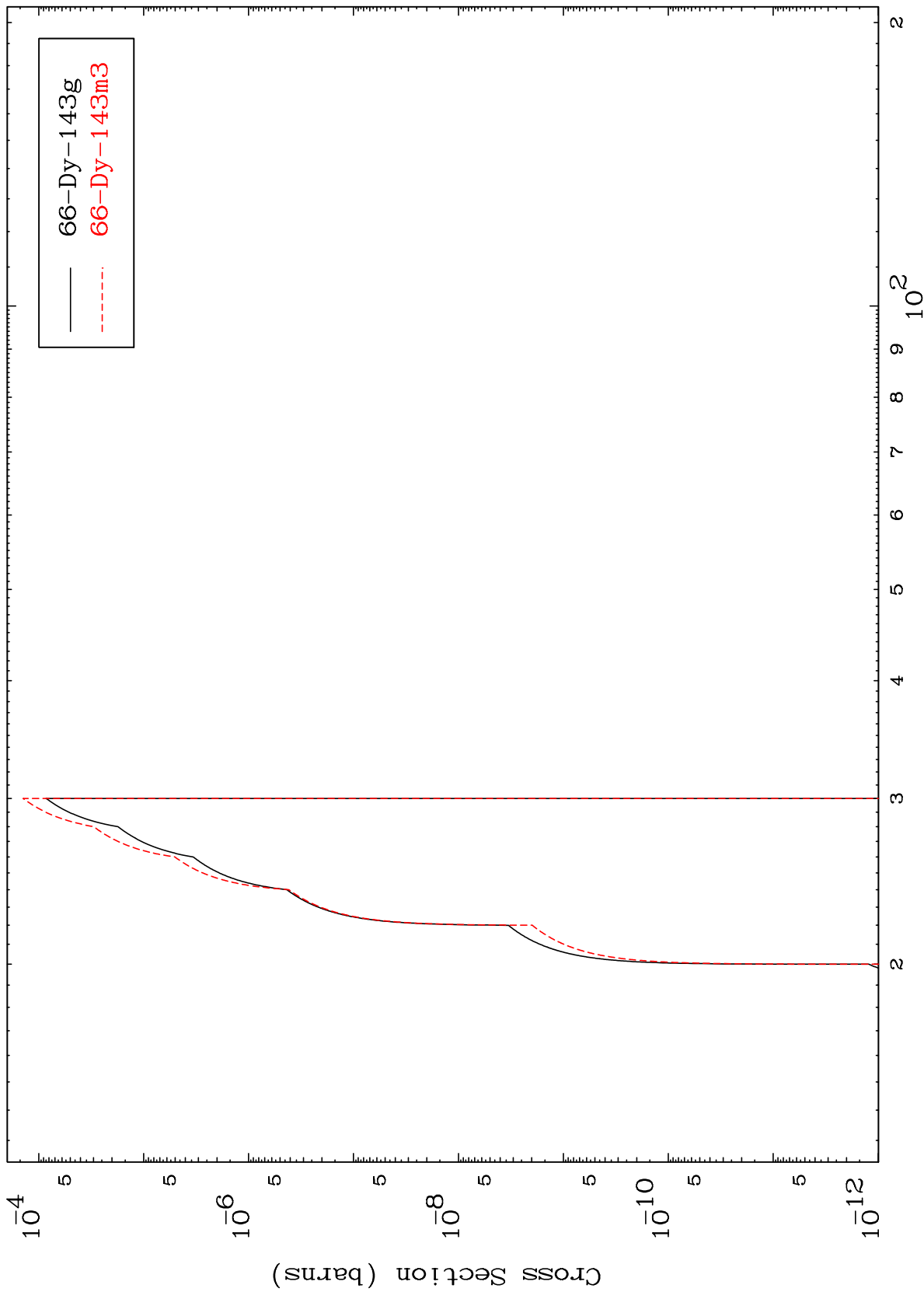


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$(\alpha, n')$   $\alpha$

66-Dy-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

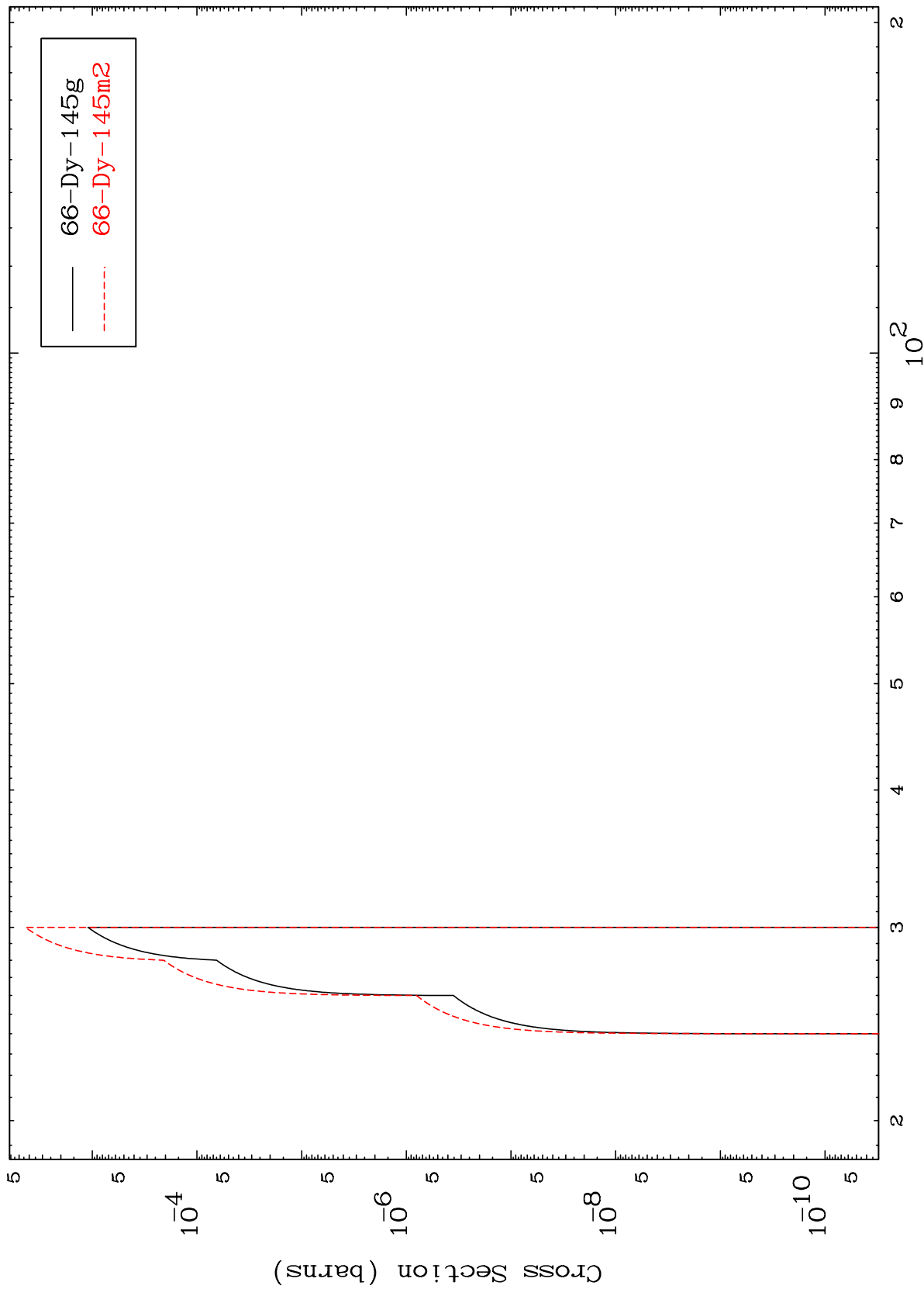
66-Dy-144

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$(\alpha, 2n)$  p

66-Dy-144

Radionuclide Production Cross Section



13

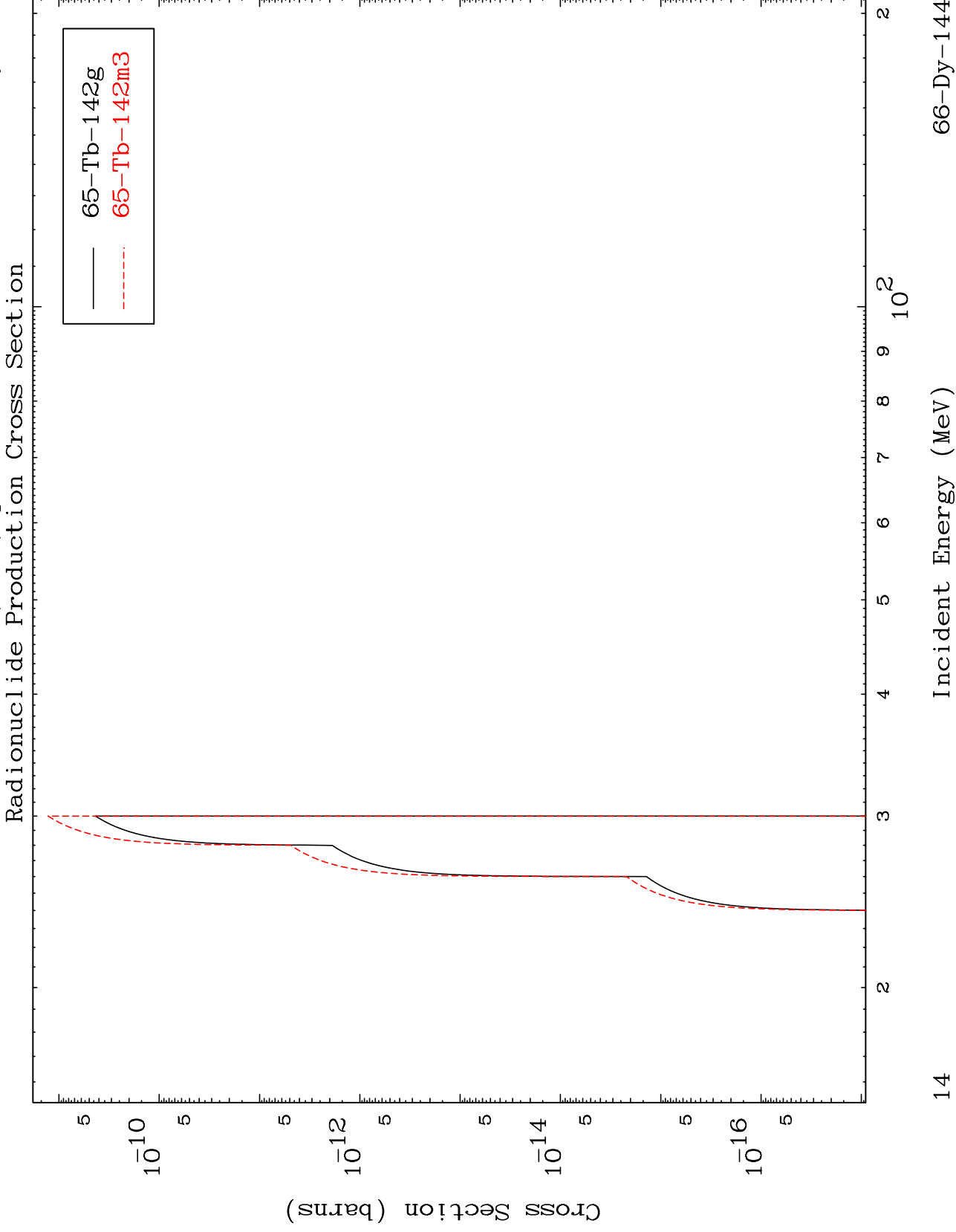
Incident Energy (MeV)

66-Dy-144

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

66-Dy-144



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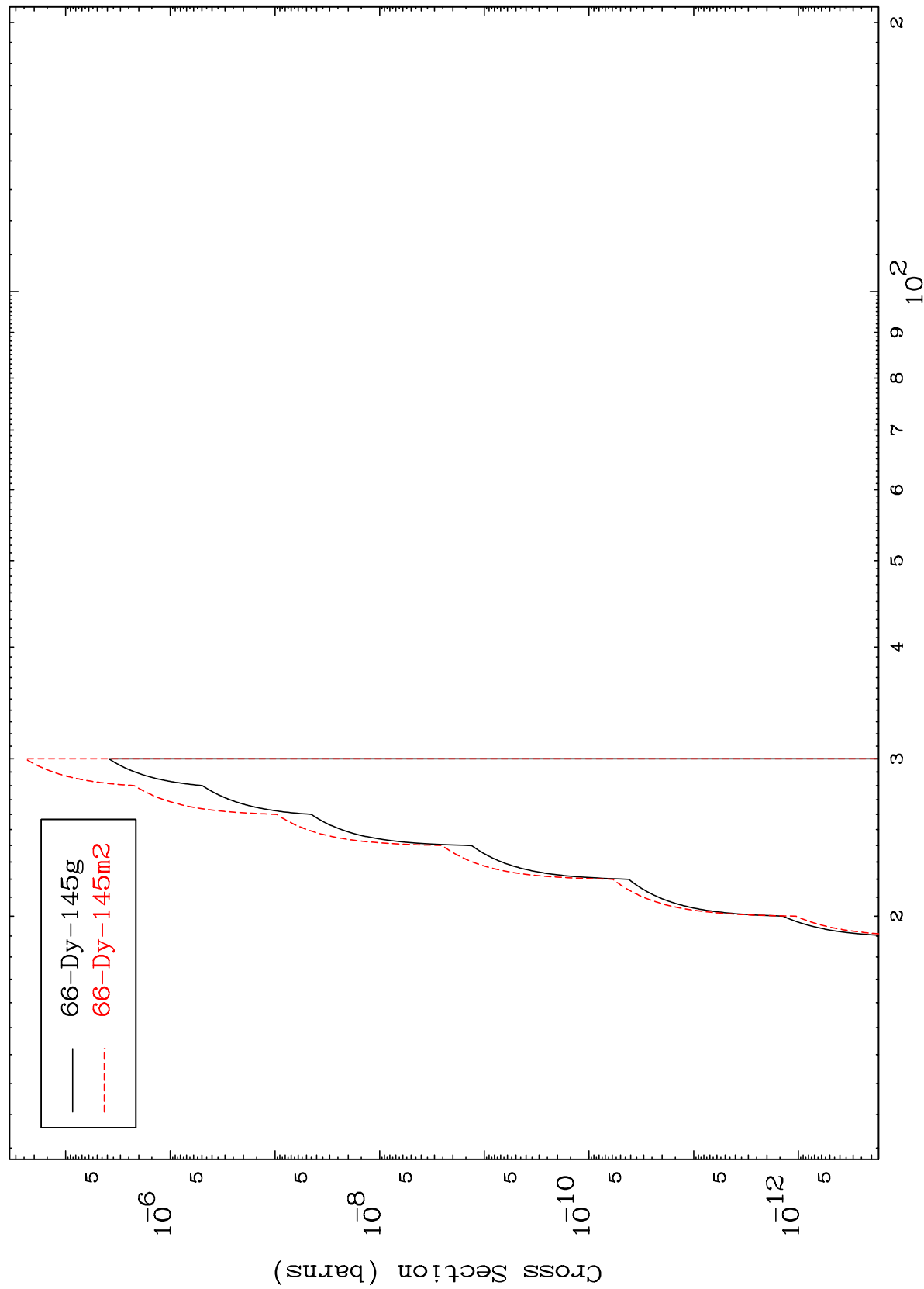
Incident Energy (MeV)

66-Dy-144

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66-Dy-144

( $\alpha, \text{He-3}$ )  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

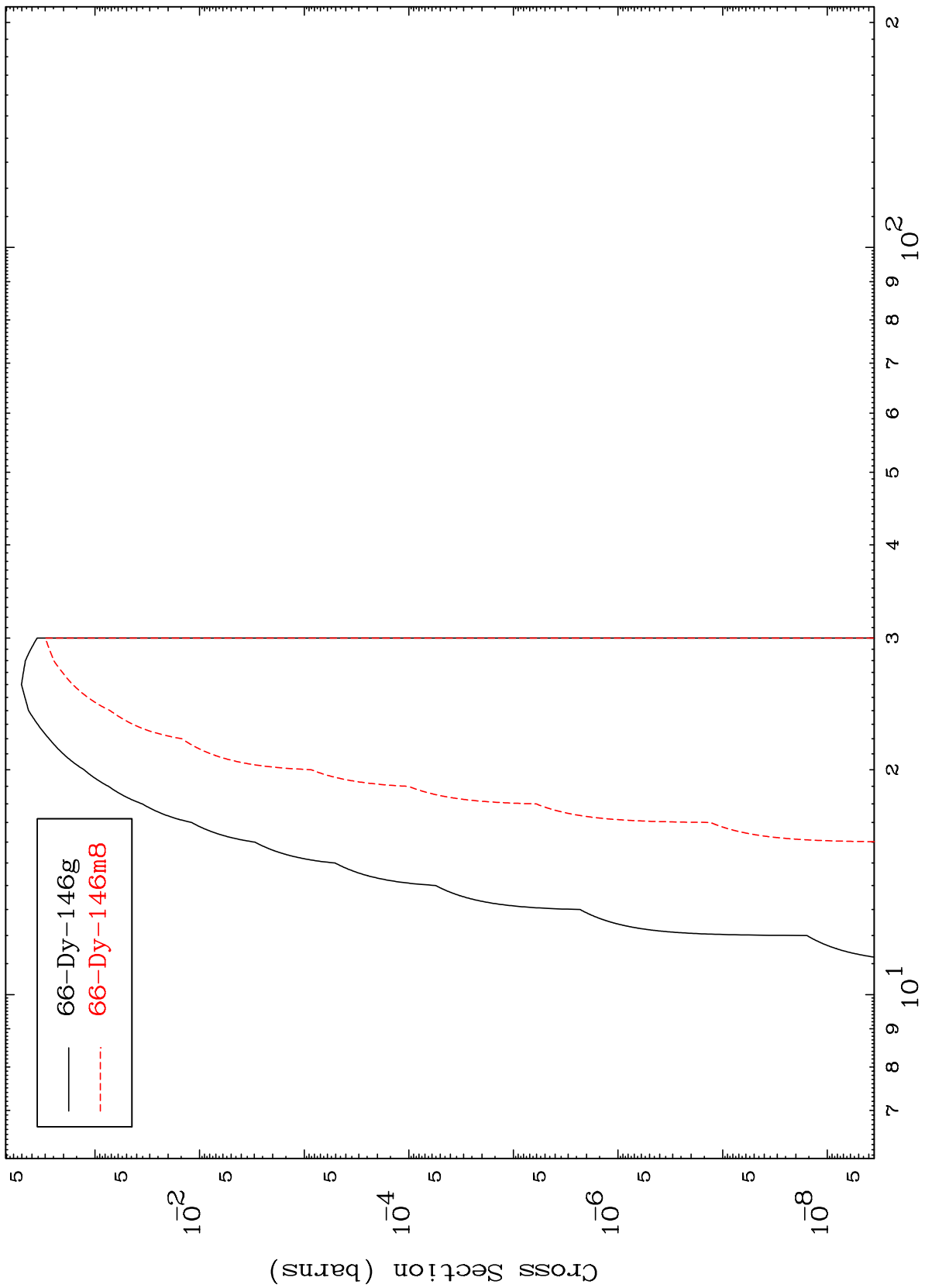
66-Dy-144



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66-Dy-144

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



66-Dy-146g  
66-Dy-146m8

16

Incident Energy (MeV)

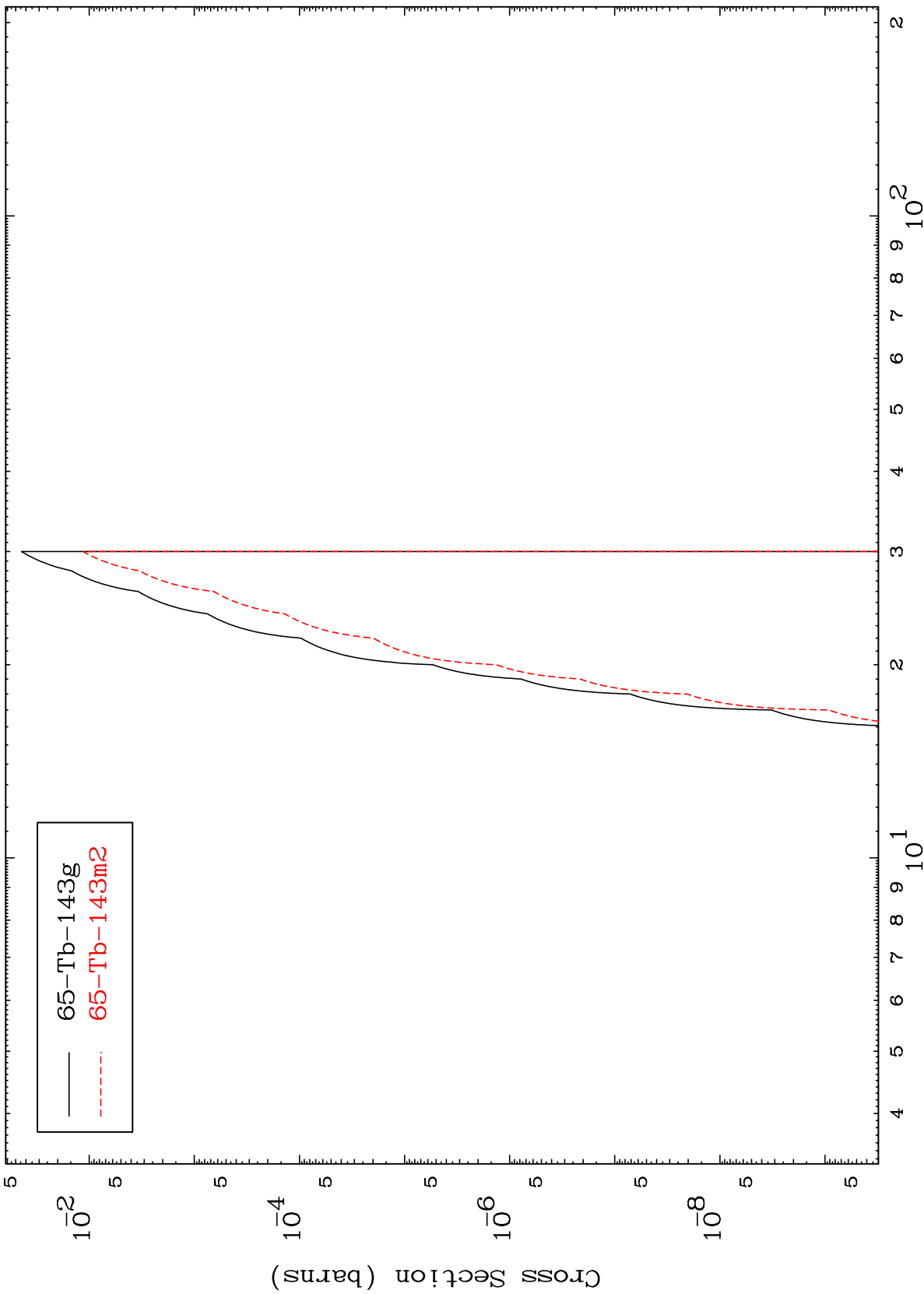
66-Dy-144

MAT 6589

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

66-Dy-144

Radionuclide Production Cross Section



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Incident Energy (MeV)

66-Dy-144

Radionuclide Production Cross Section

