

Program EVALPLOT  
(Version 2018-1)

by

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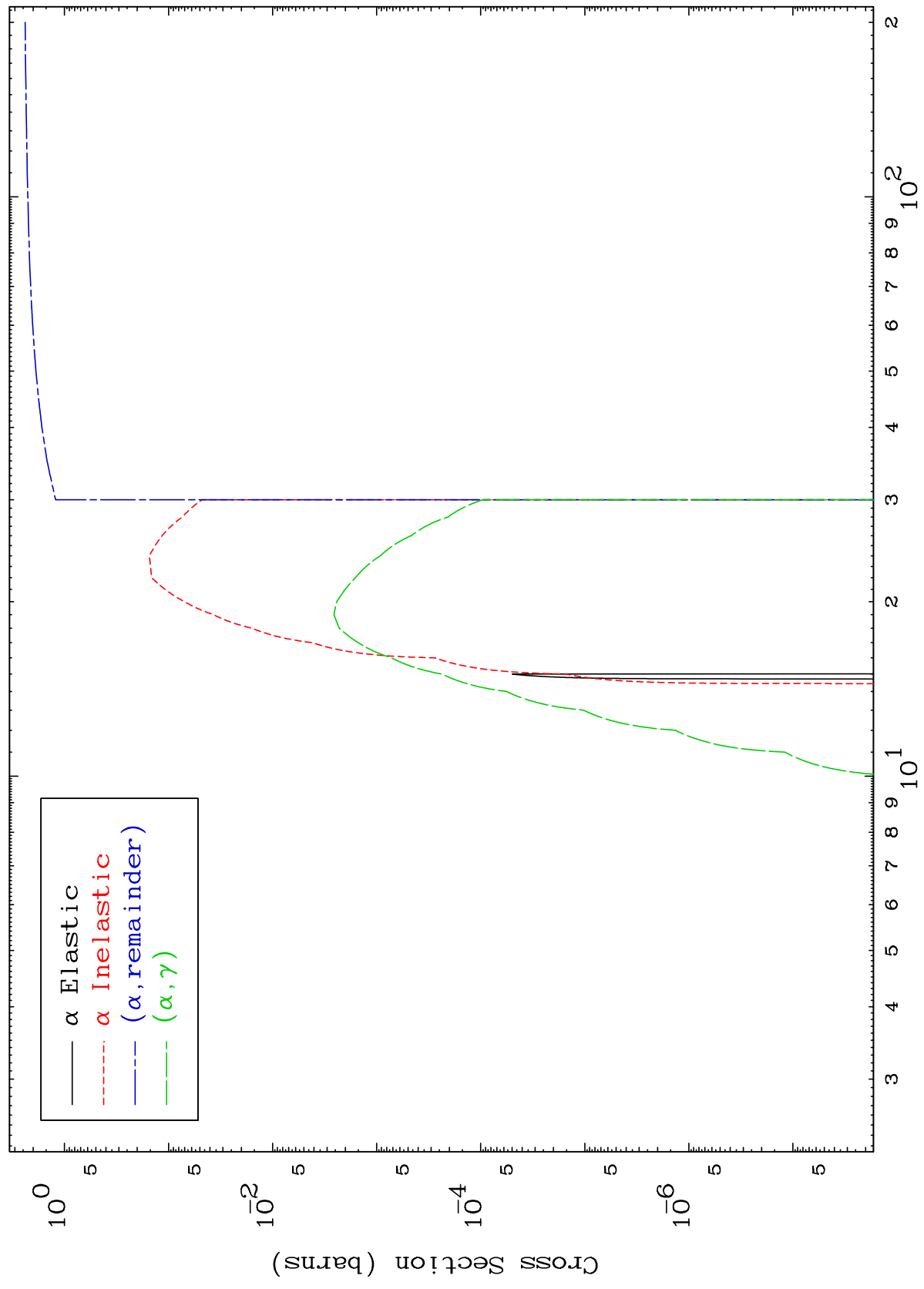
Press Mouse Button to Start

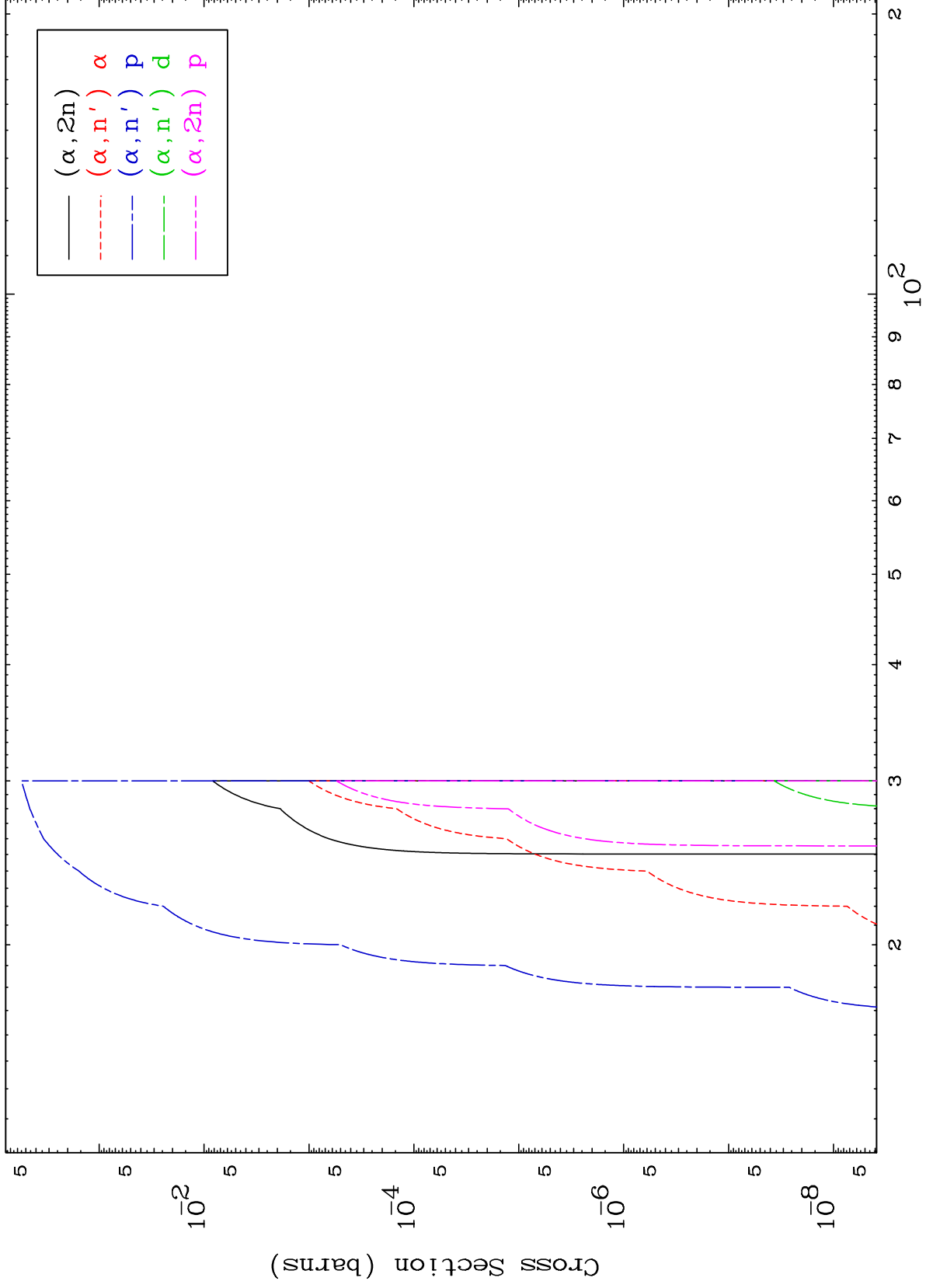
MAT 6483

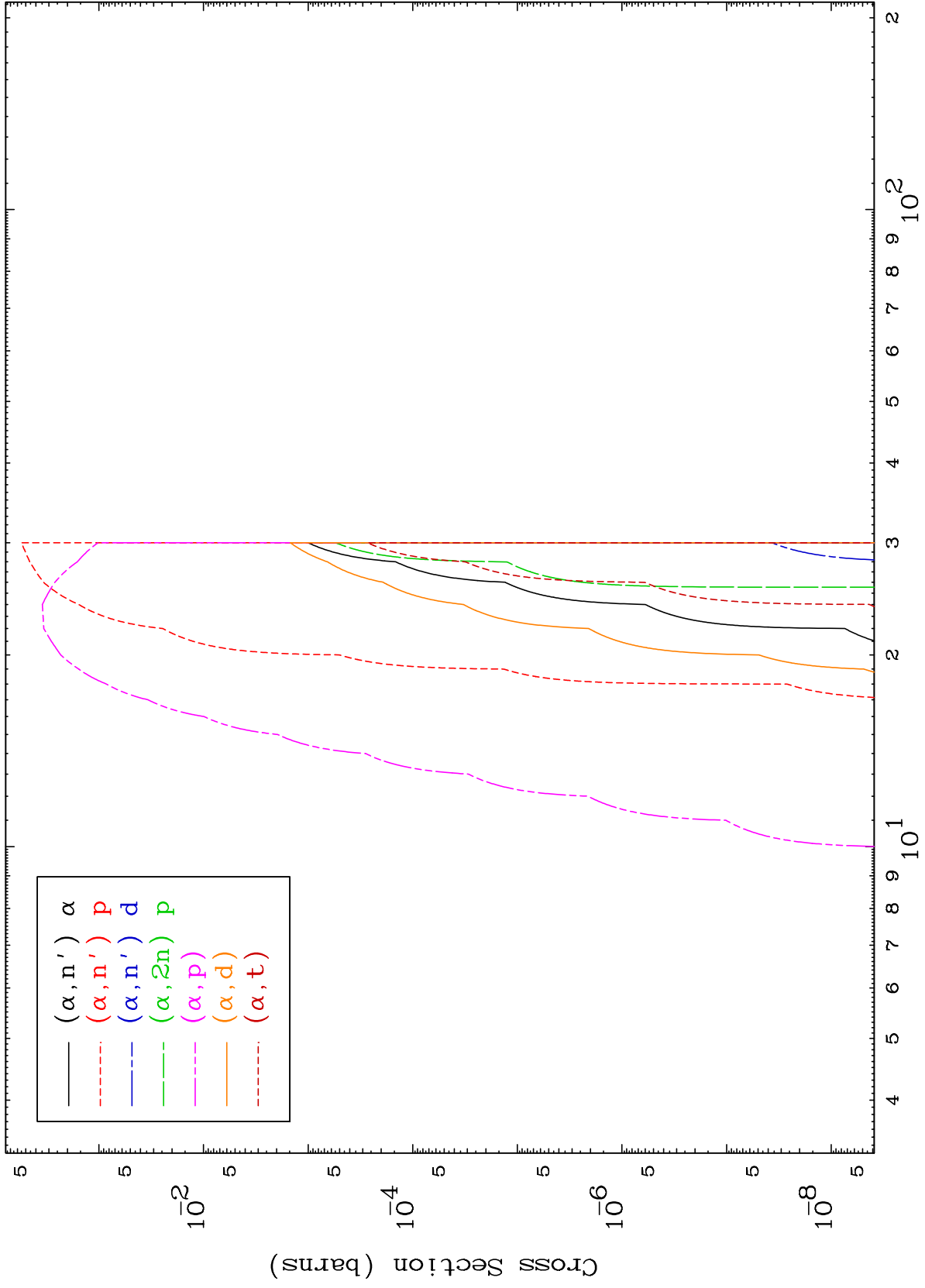
0 Kelvin

$\alpha$  Major Cross Sections

65-Tb-145



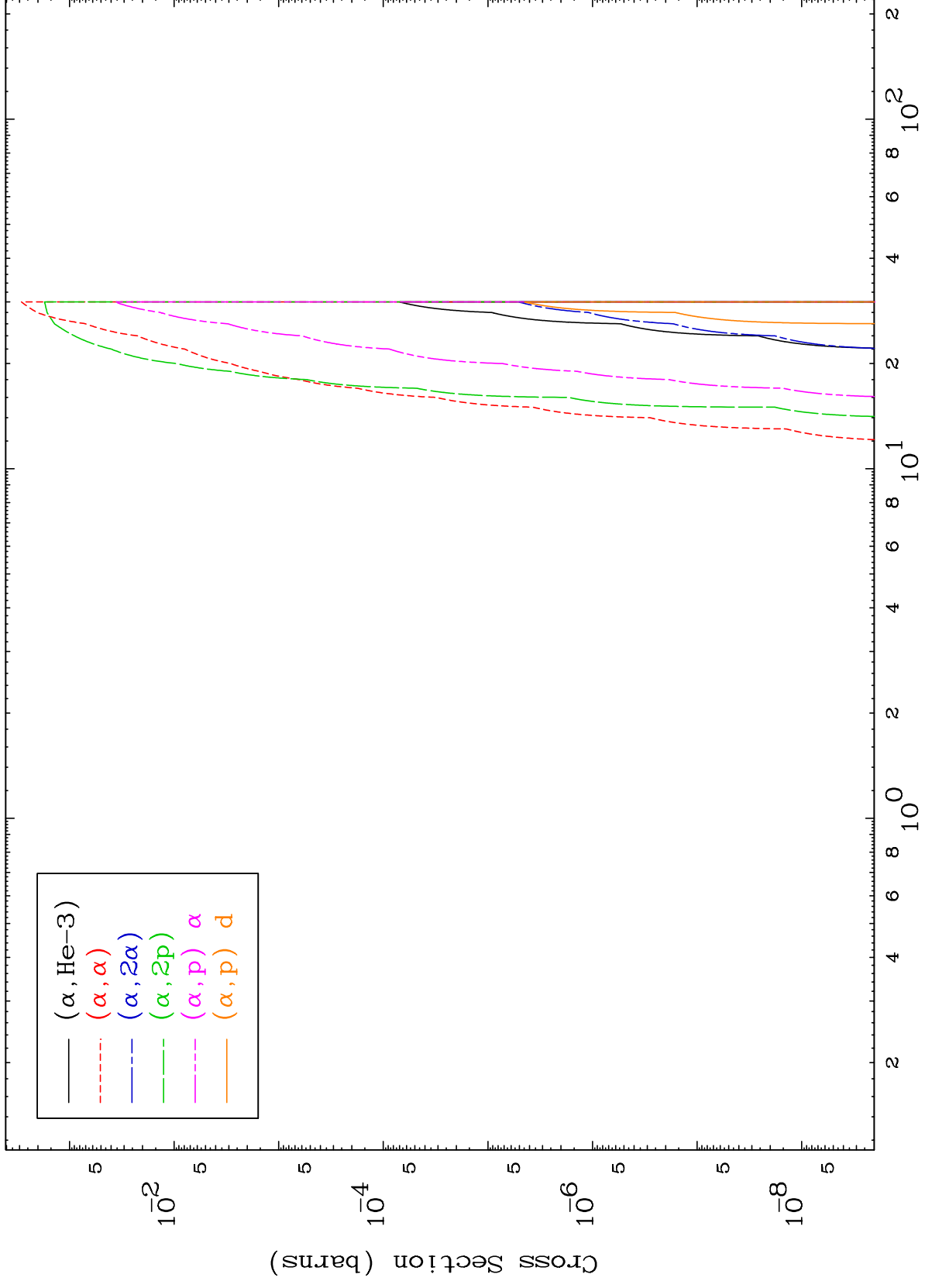




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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

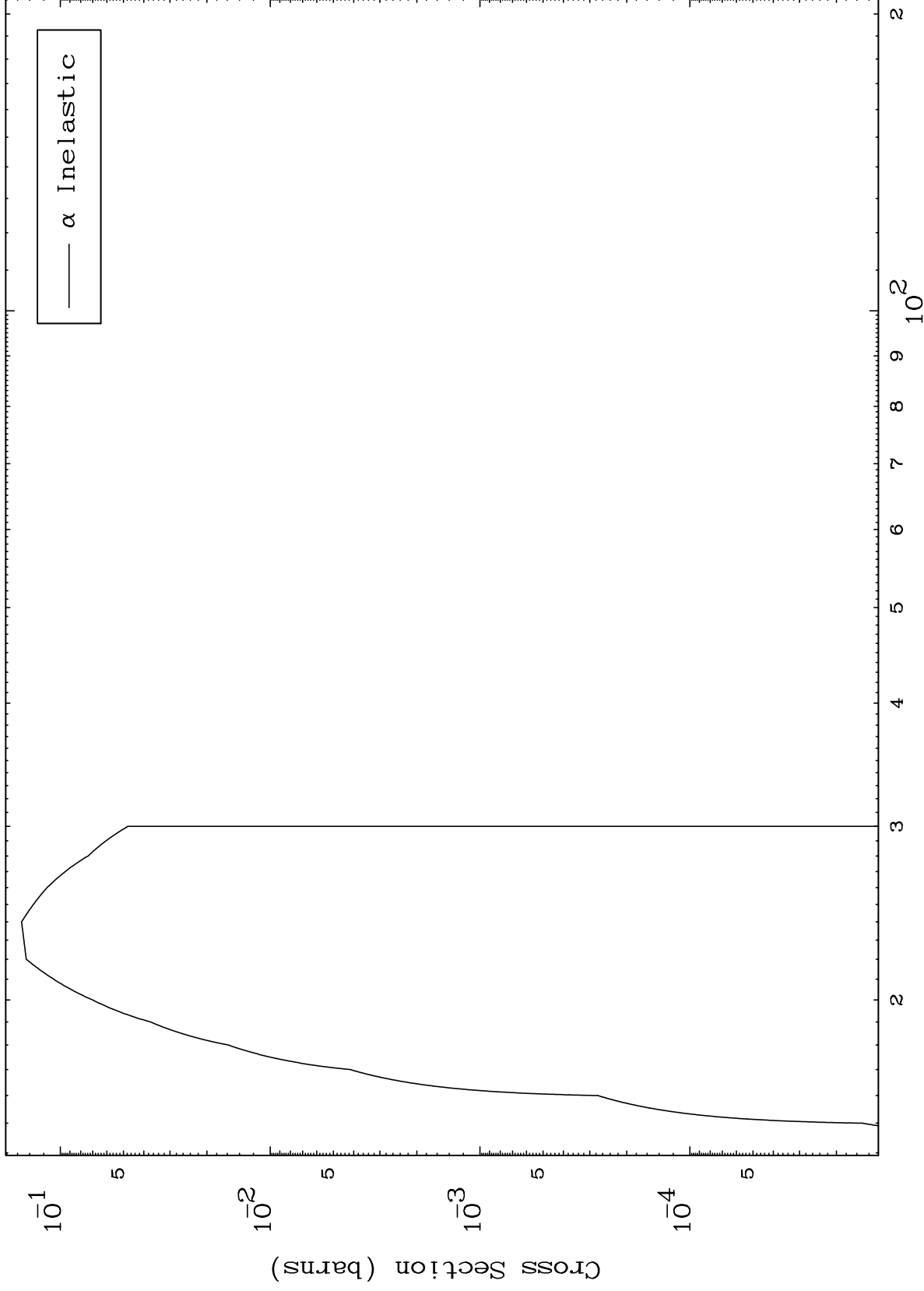
65-Tb-145



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

65-Tb-145



$\alpha$  Inelastic

Incident Energy (MeV)

65-Tb-145

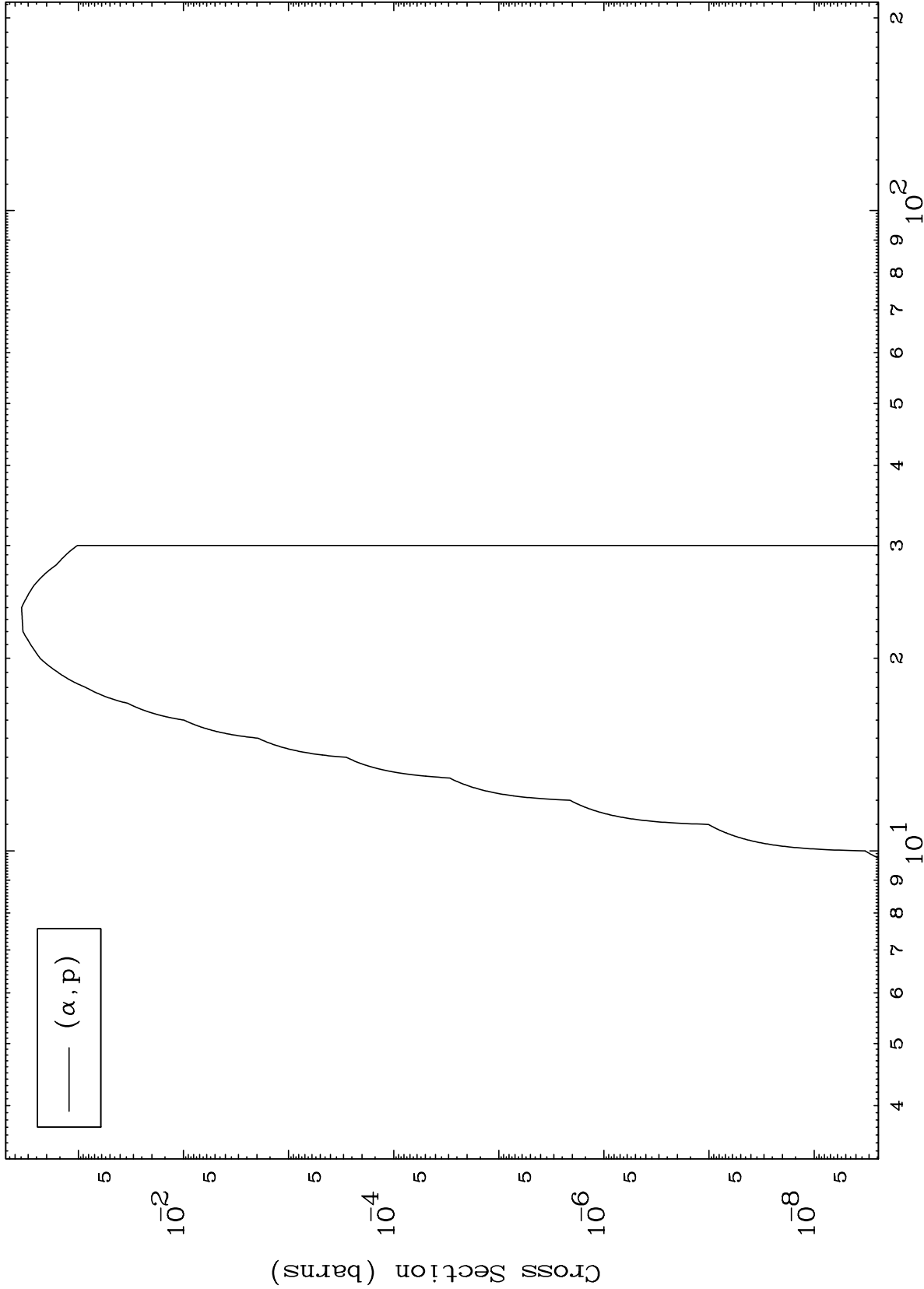
5

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( $\alpha, p$ ) Levels

65-Tb-145

0 Kelvin Cross Sections



6

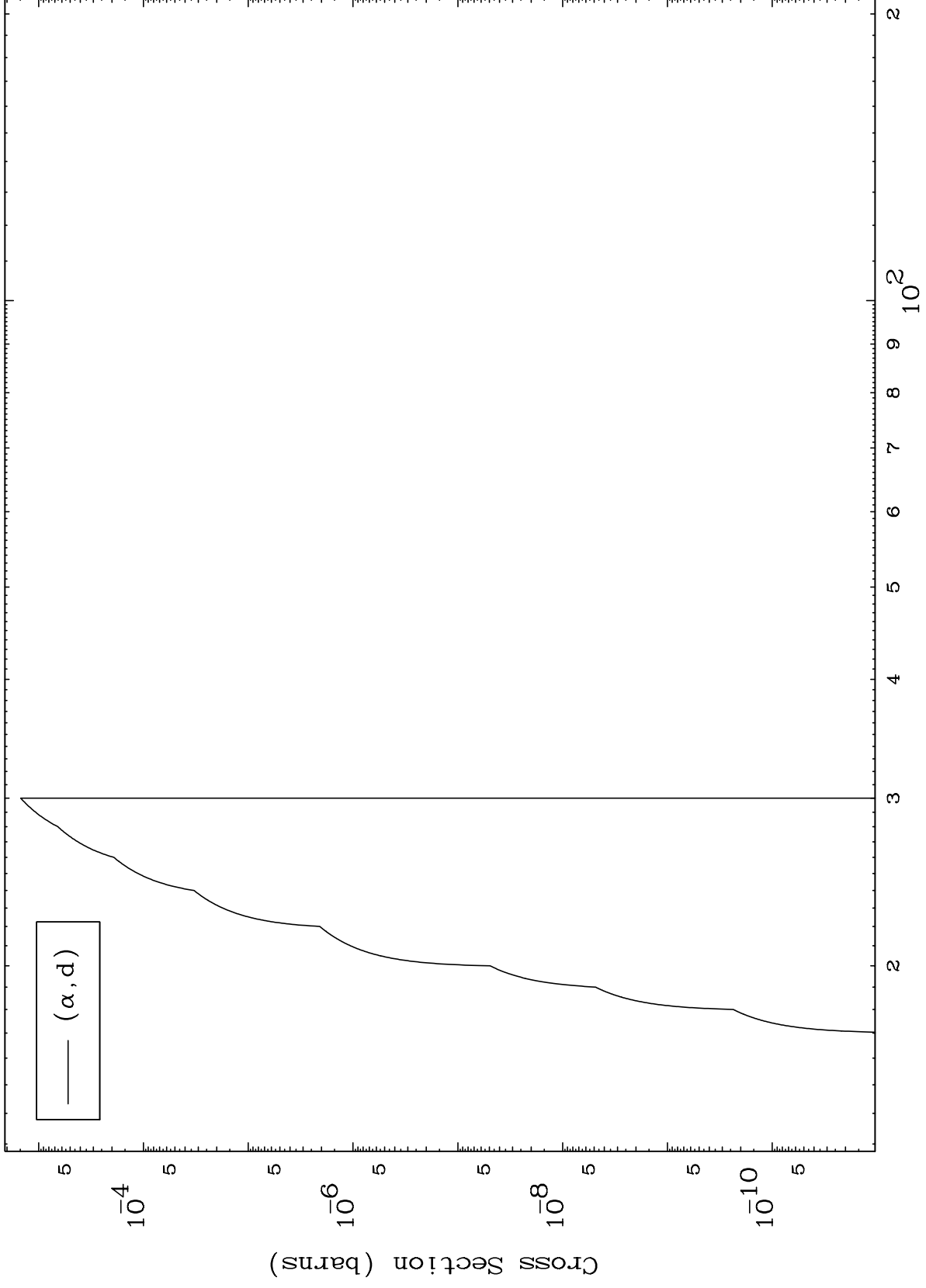
Incident Energy (MeV)

65-Tb-145

MAT 6483

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

65-Tb-145



7

Incident Energy (MeV)

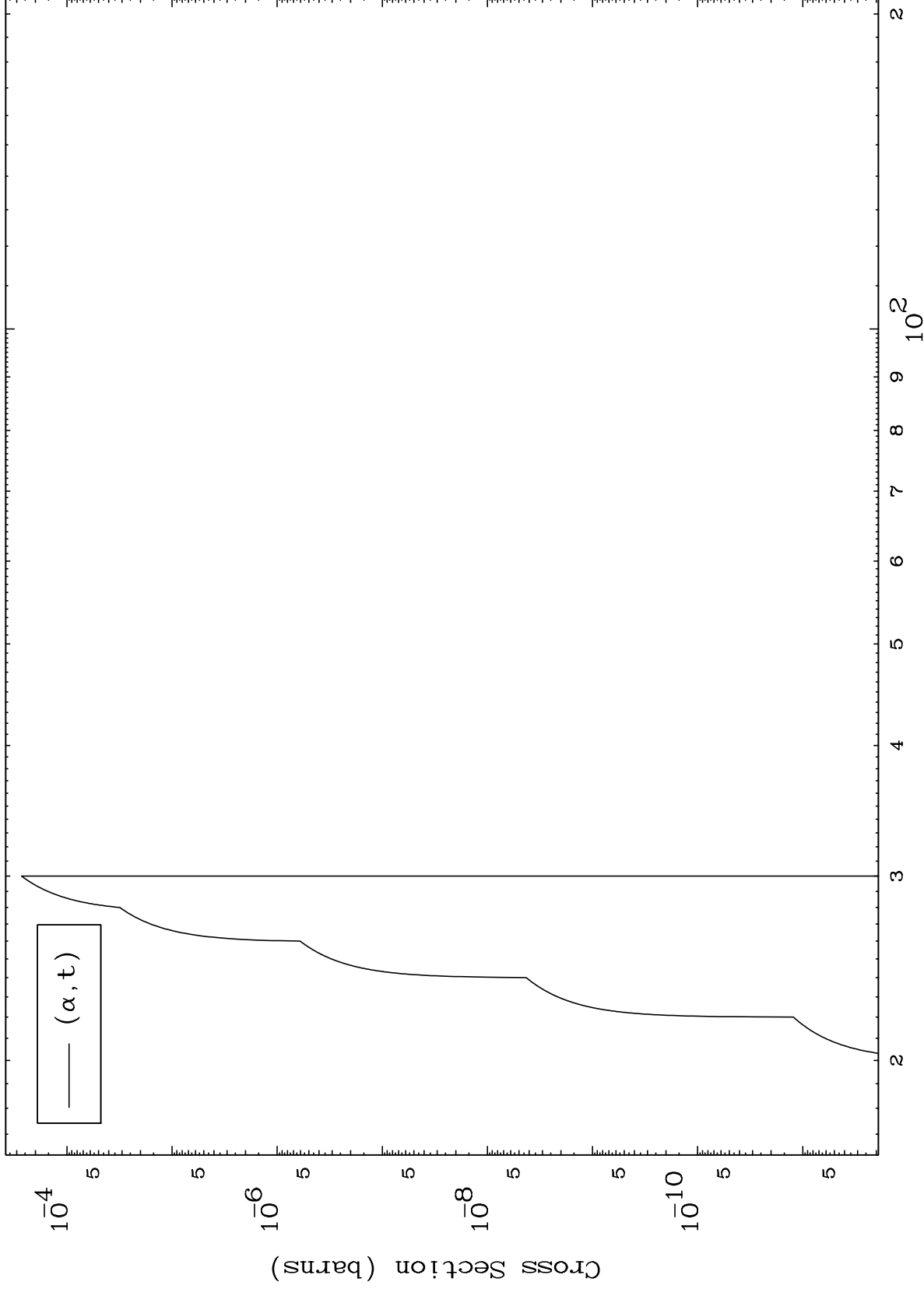
65-Tb-145



MAT 6483

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

65-Tb-145



8

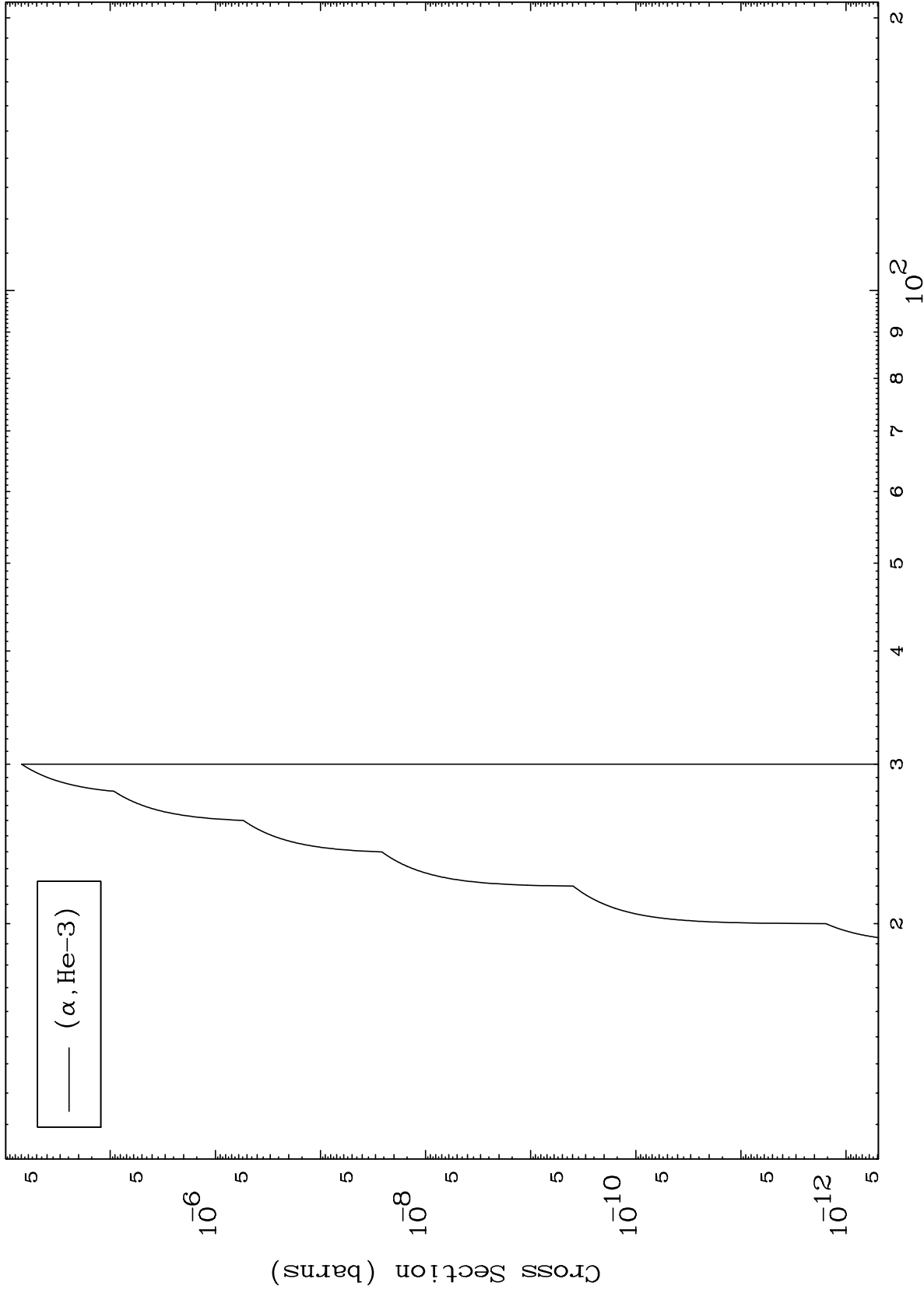
Incident Energy (MeV)

65-Tb-145

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

65-Tb-145

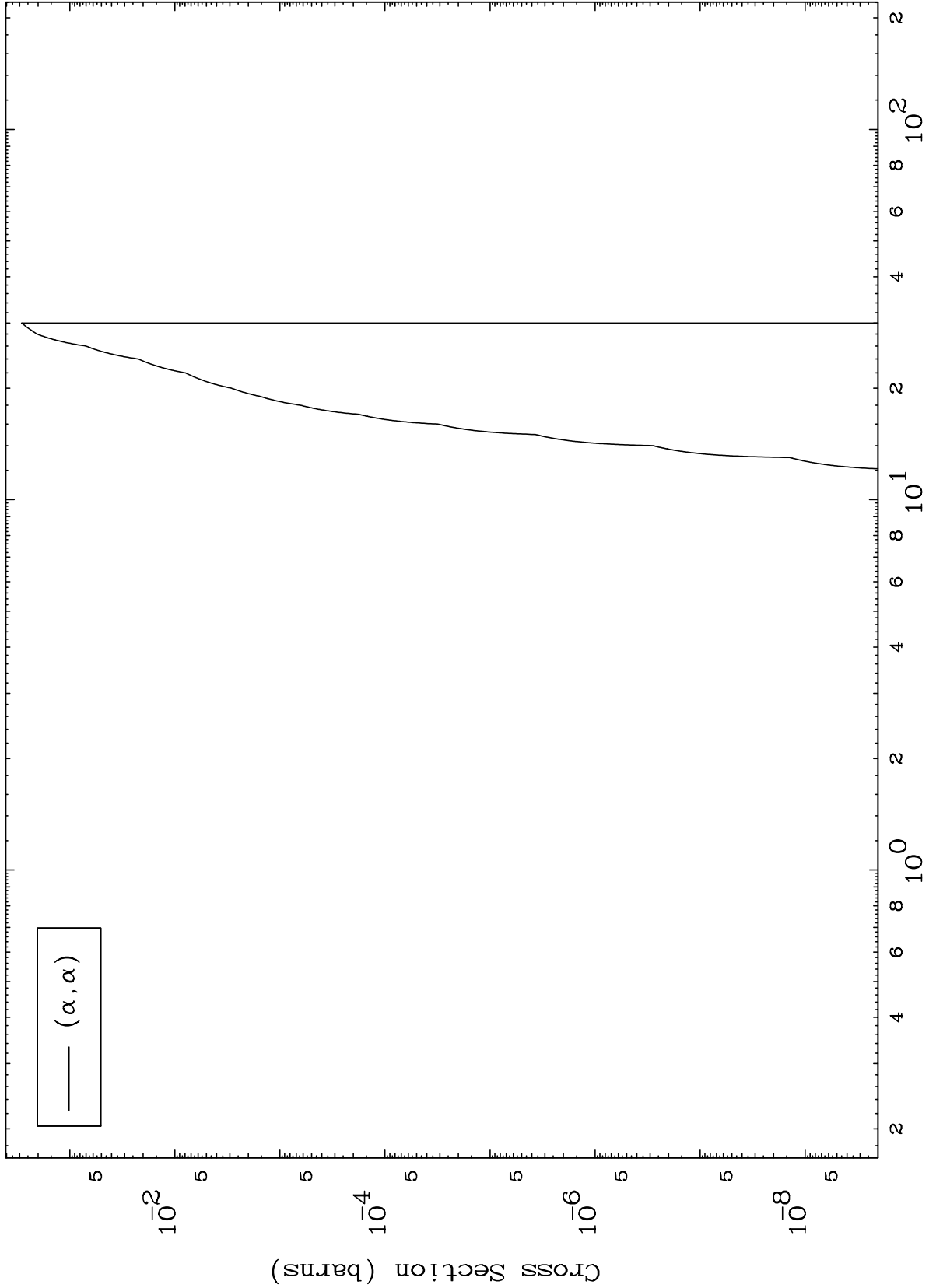


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( $\alpha, \alpha$ ) Levels

65-Tb-145

0 Kelvin Cross Sections



10

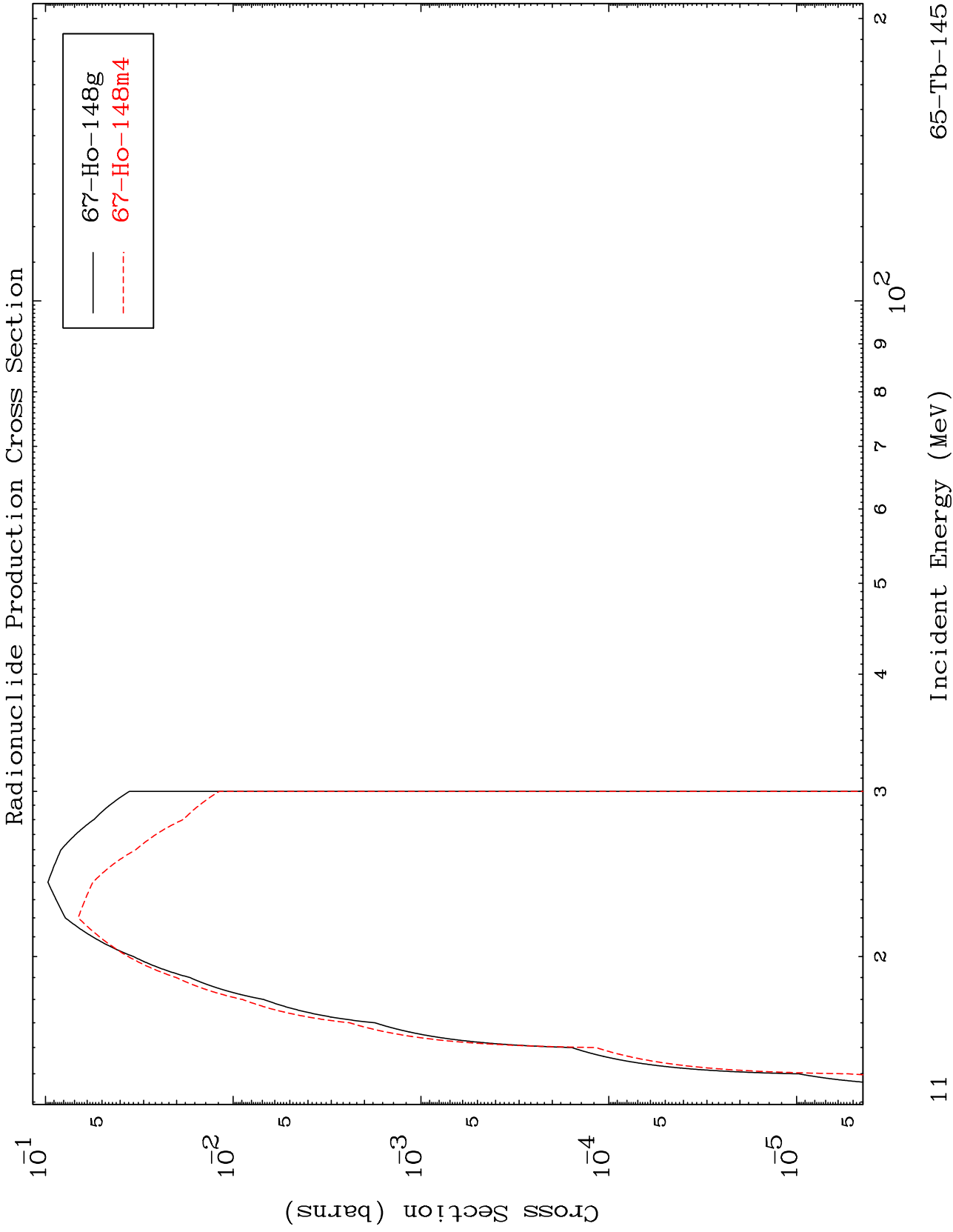
Incident Energy (MeV)

65-Tb-145

MAT 6483

$\alpha$  Inelastic

65-Tb-145

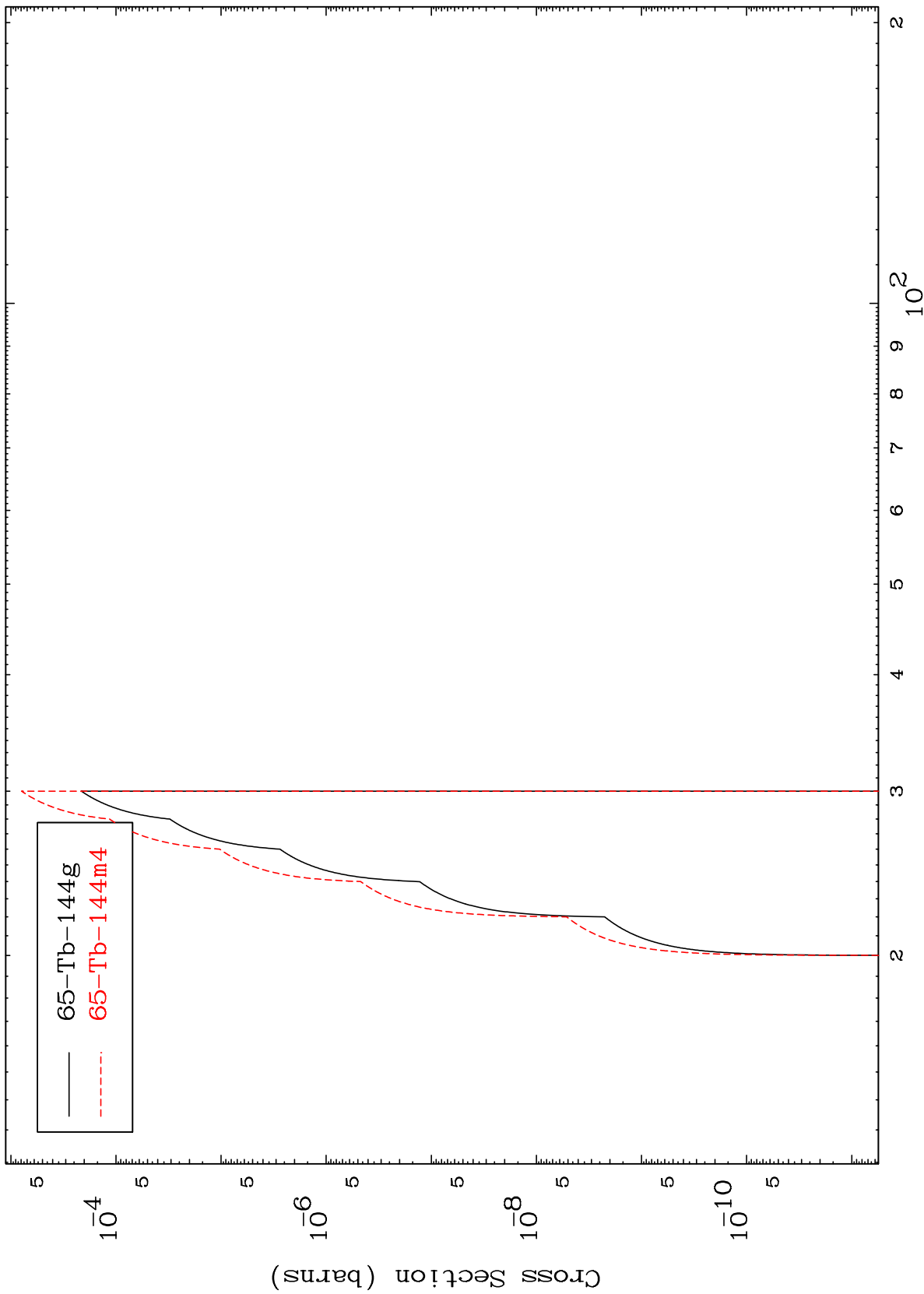


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$(\alpha, n')$   $\alpha$

65-Tb-145

Radionuclide Production Cross Section

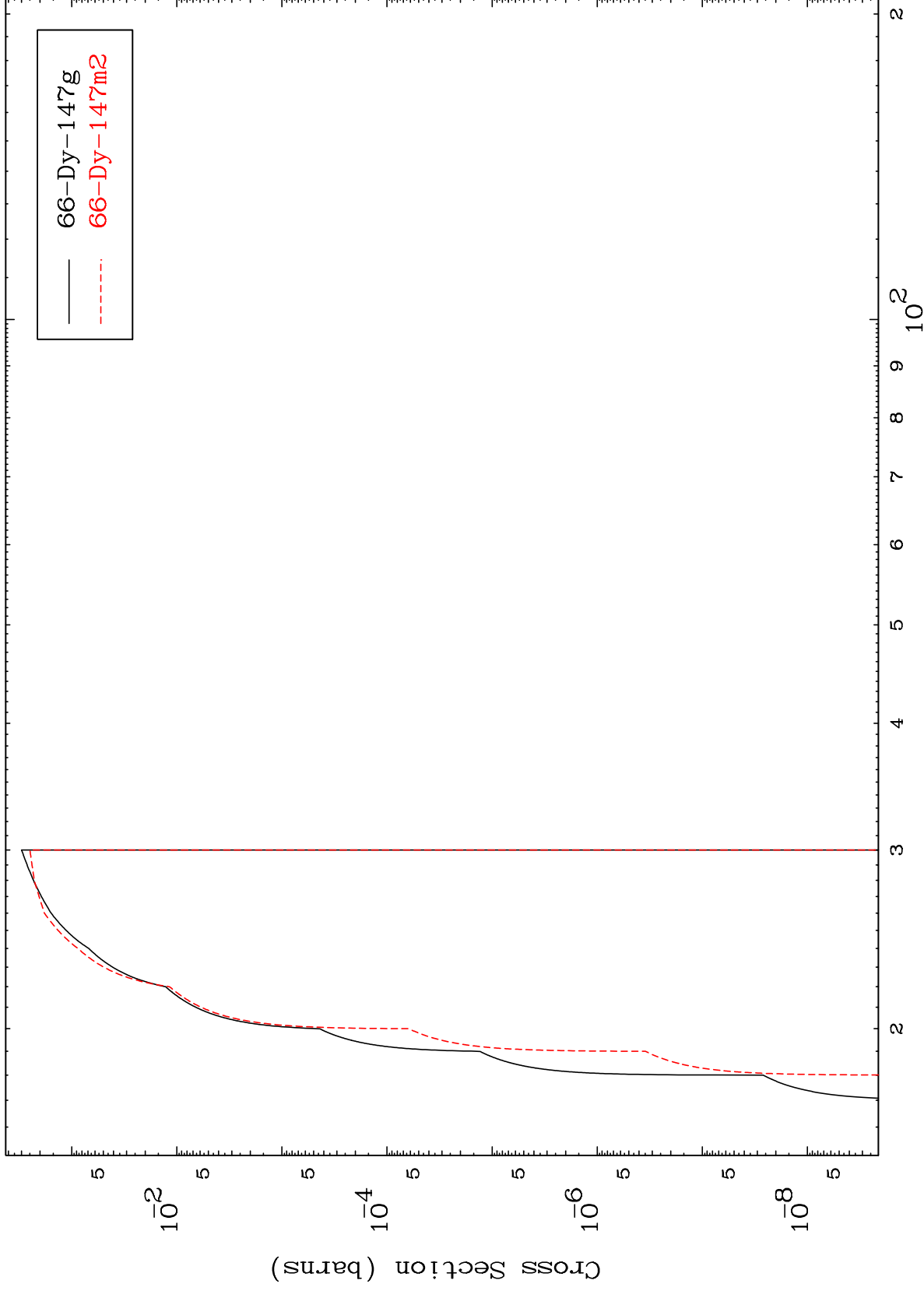


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$(\alpha, n')$  p

65-Tb-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

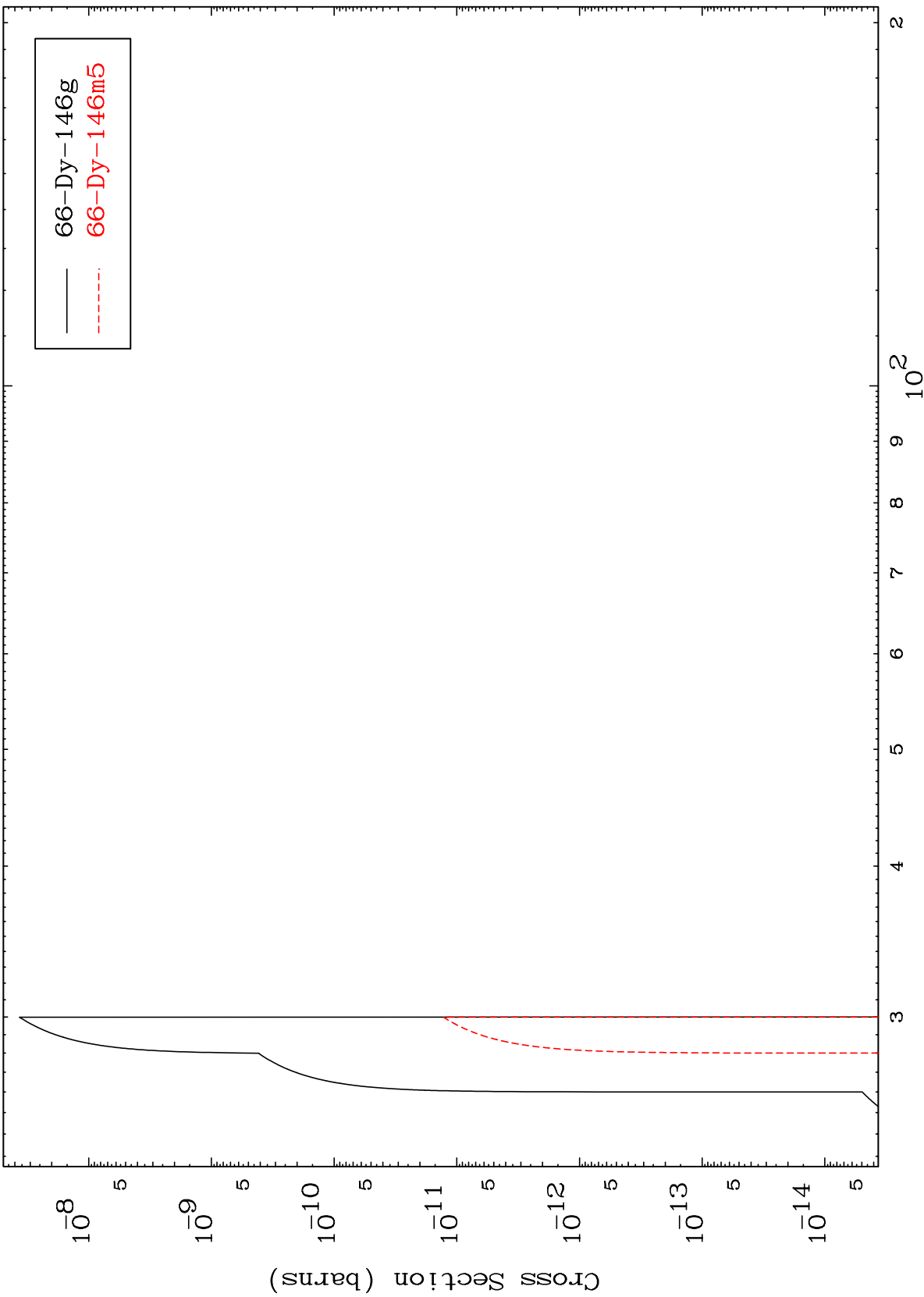
65-Tb-145

MAT 6483

$(\alpha, n')$  d

65-Tb-145

Radionuclide Production Cross Section



66-Dy-146g  
66-Dy-146m5

14

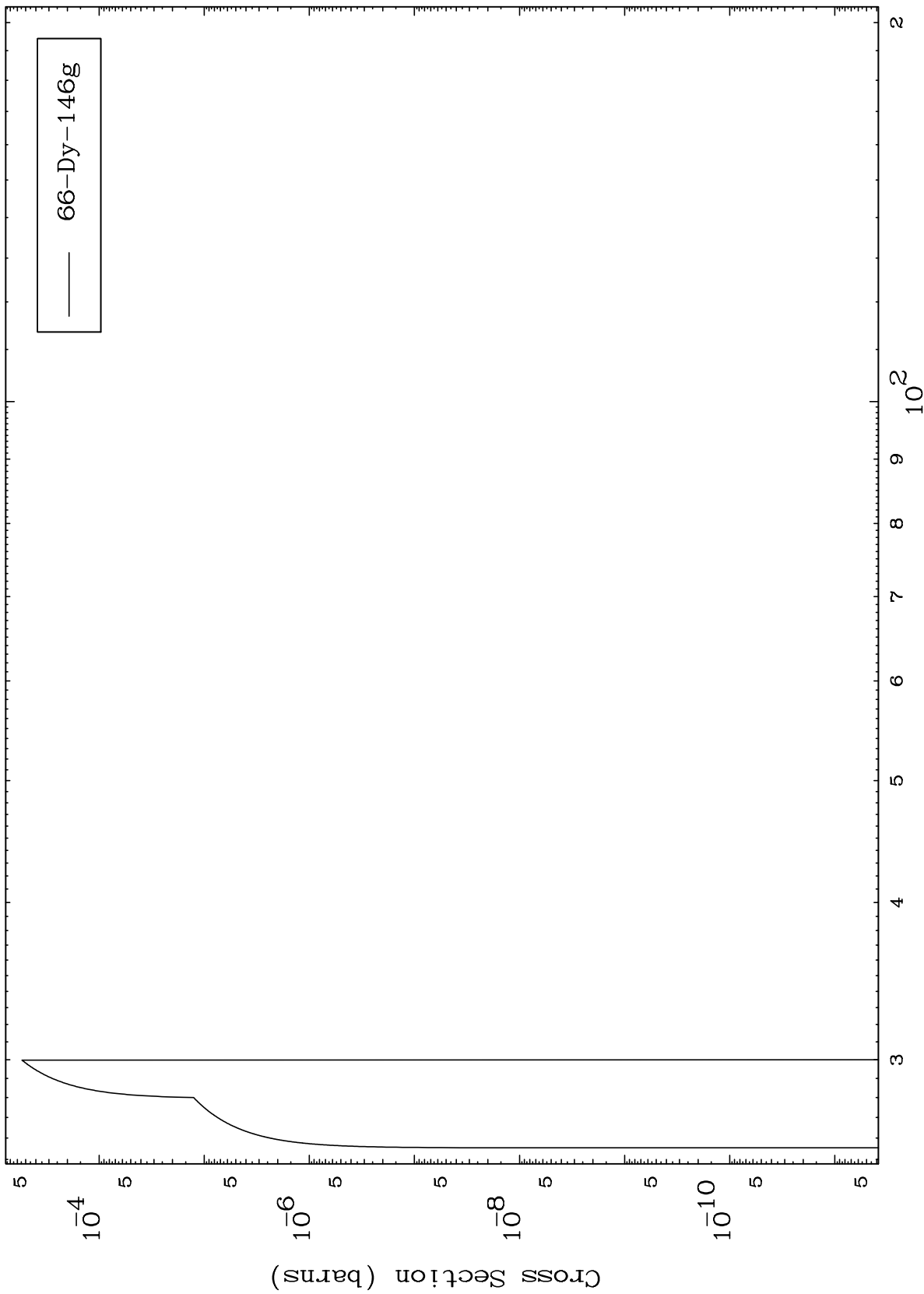
Incident Energy (MeV)

65-Tb-145

MAT 6483

65-Tb-145

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



65-Tb-145

Incident Energy (MeV)

15

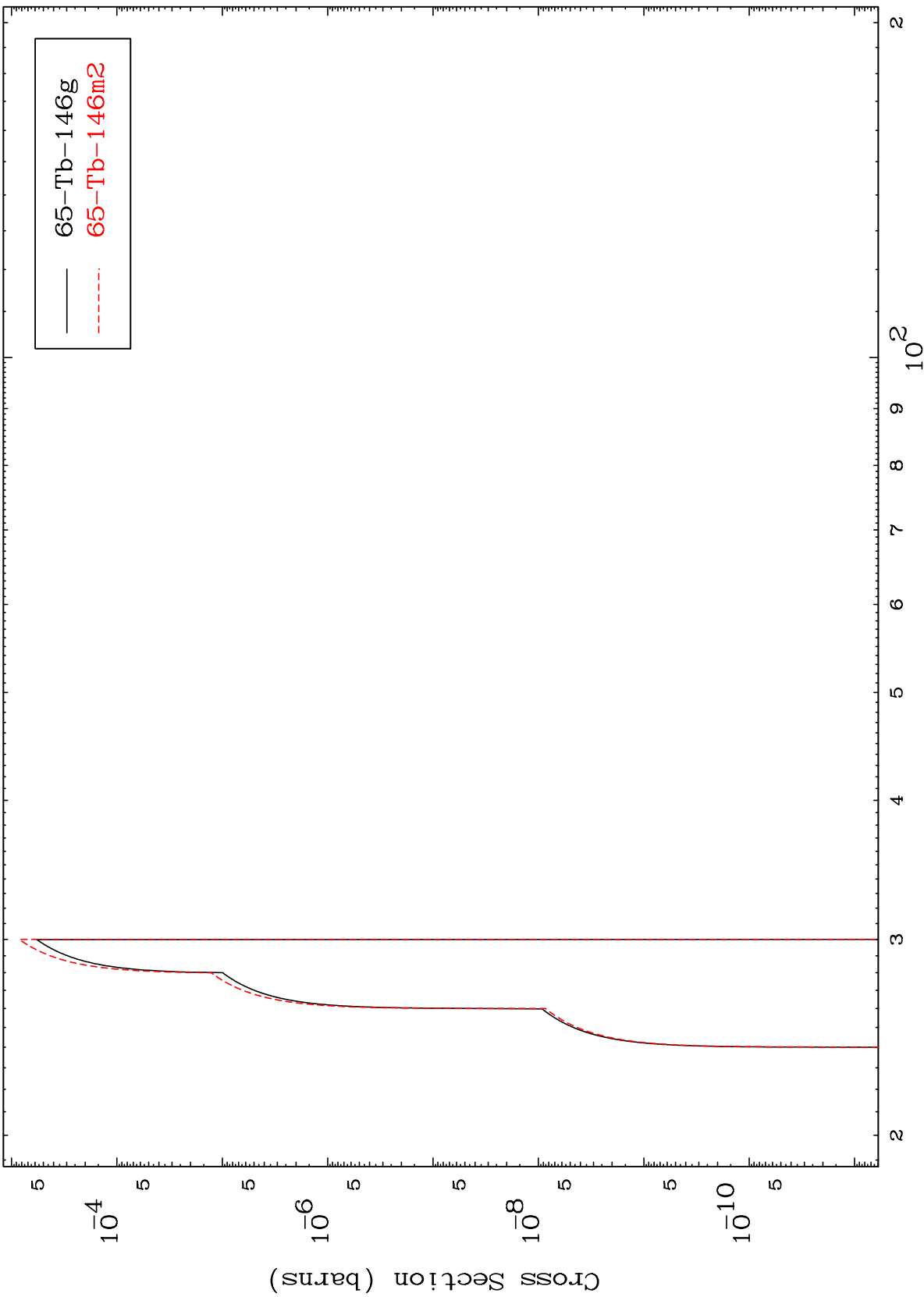


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( $\alpha, 2n$ ) p

65-Tb-145

Radionuclide Production Cross Section



16

Incident Energy (MeV)

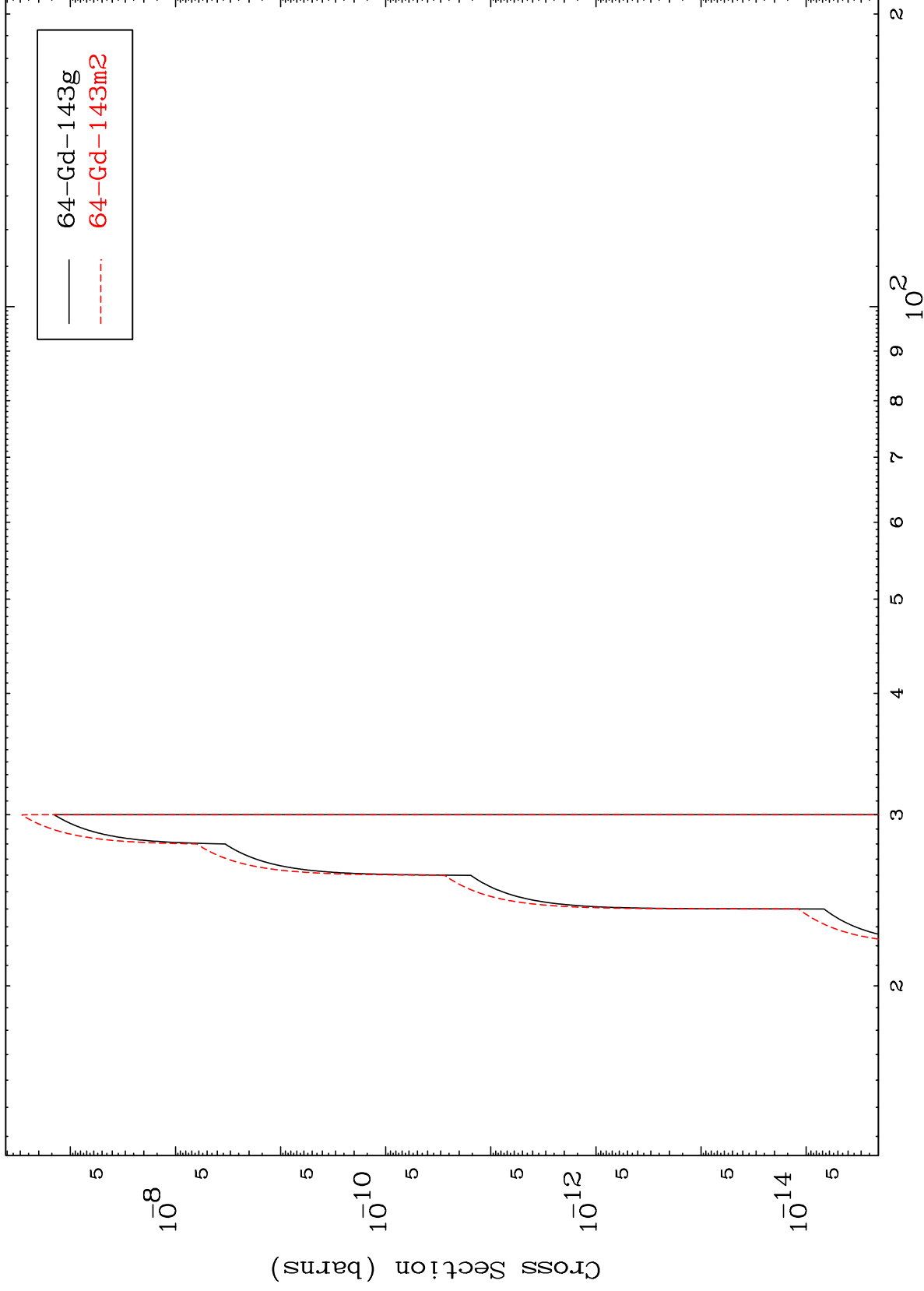
65-Tb-145

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

65-Tb-145

Radionuclide Production Cross Section



17

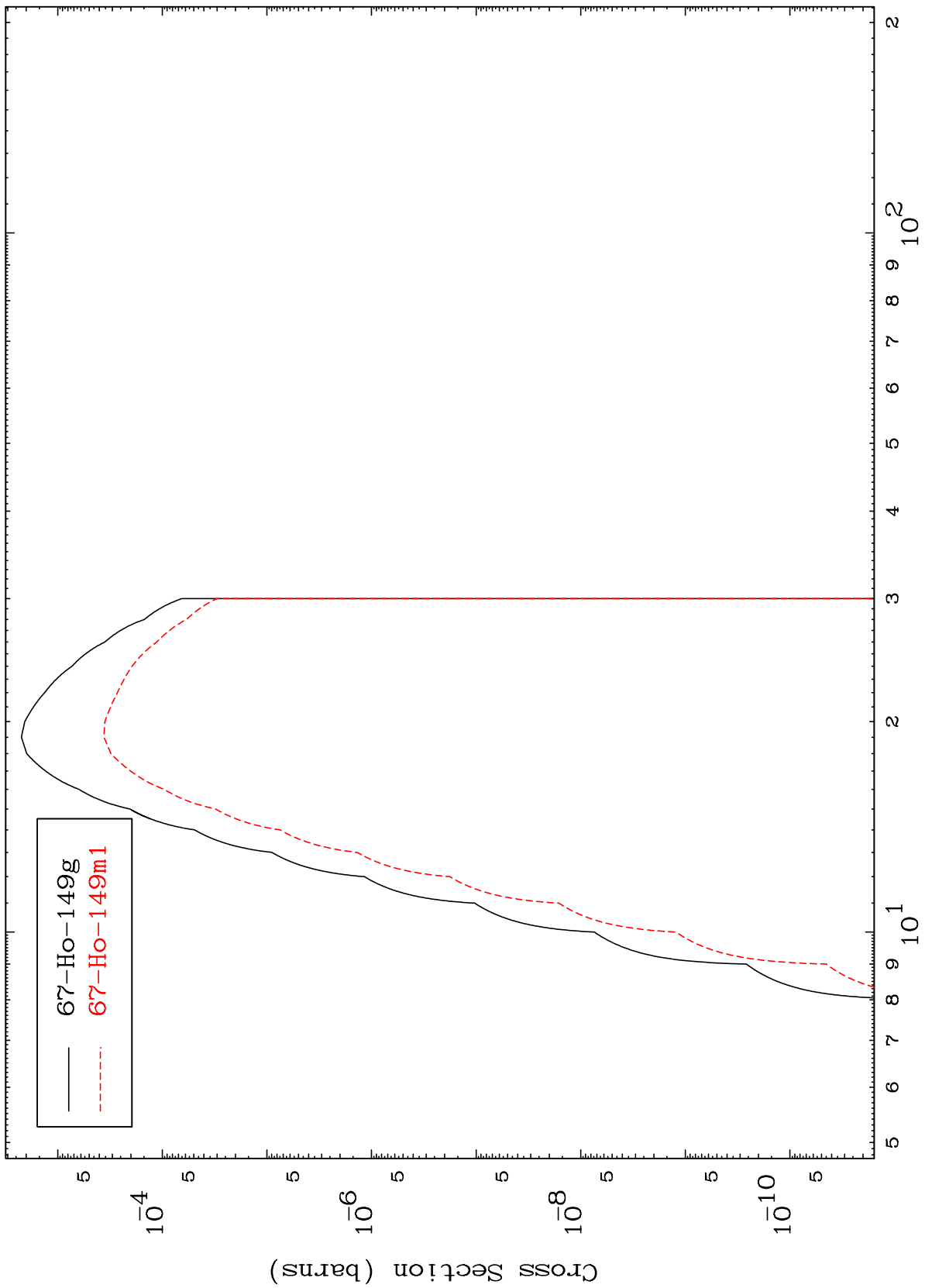
Incident Energy (MeV)

65-Tb-145

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65-Tb-145

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



18

Incident Energy (MeV)

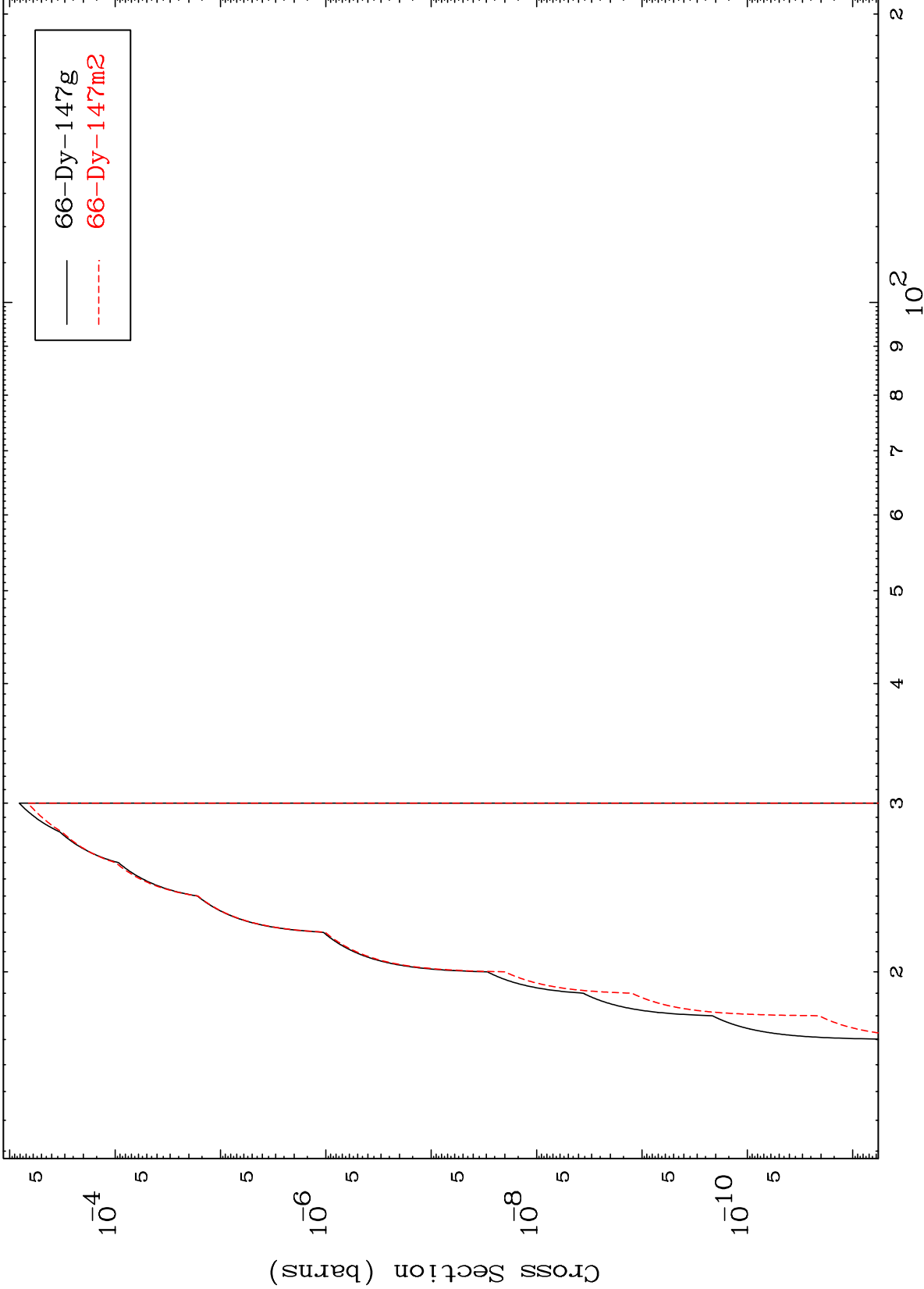
65-Tb-145

MAT 6483

( $\alpha, d$ )

65-Tb-145

Radionuclide Production Cross Section



19

Incident Energy (MeV)

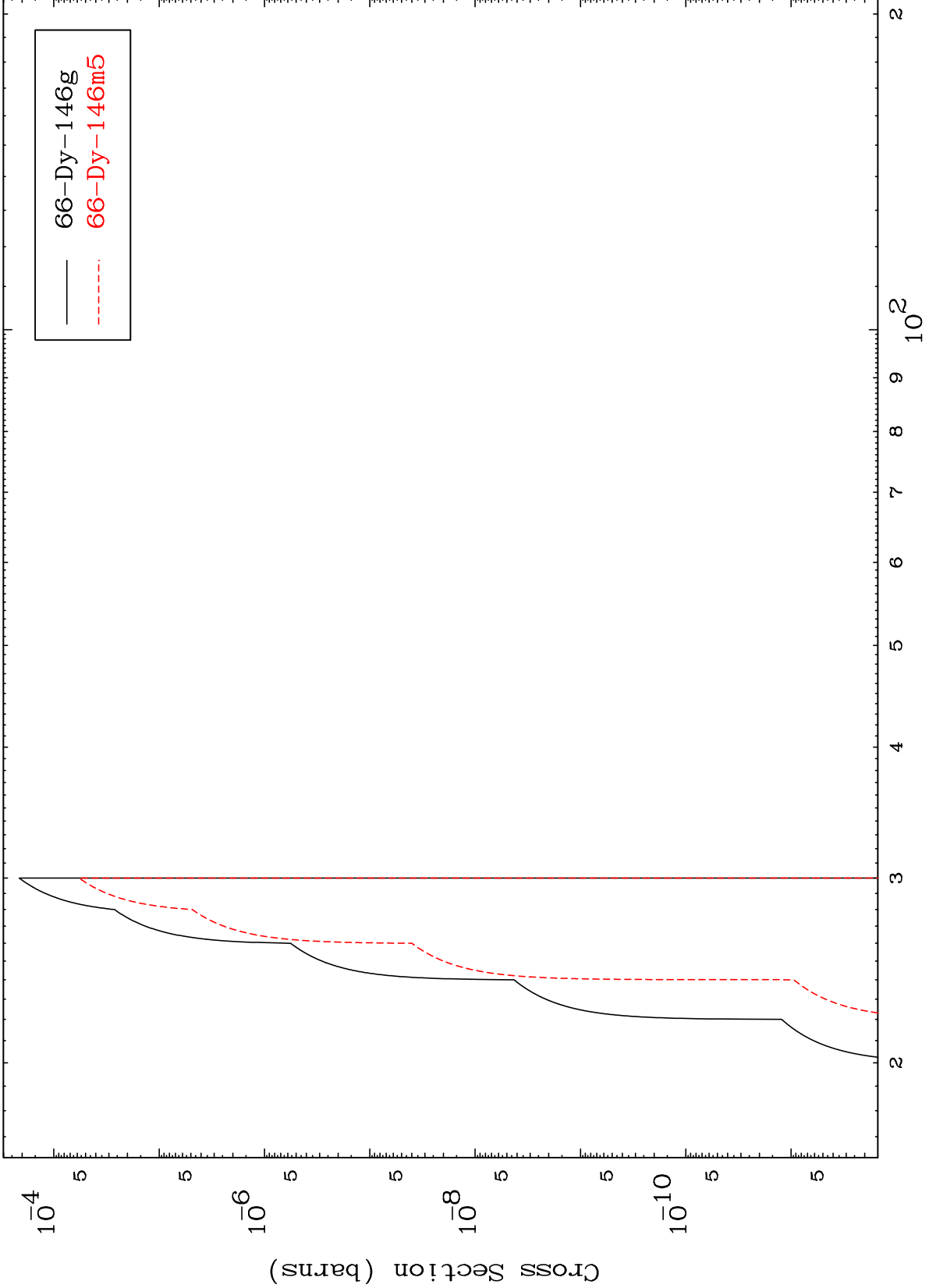
65-Tb-145

MAT 6483

( $\alpha, t$ )

65-Tb-145

Radionuclide Production Cross Section



20

Incident Energy (MeV)

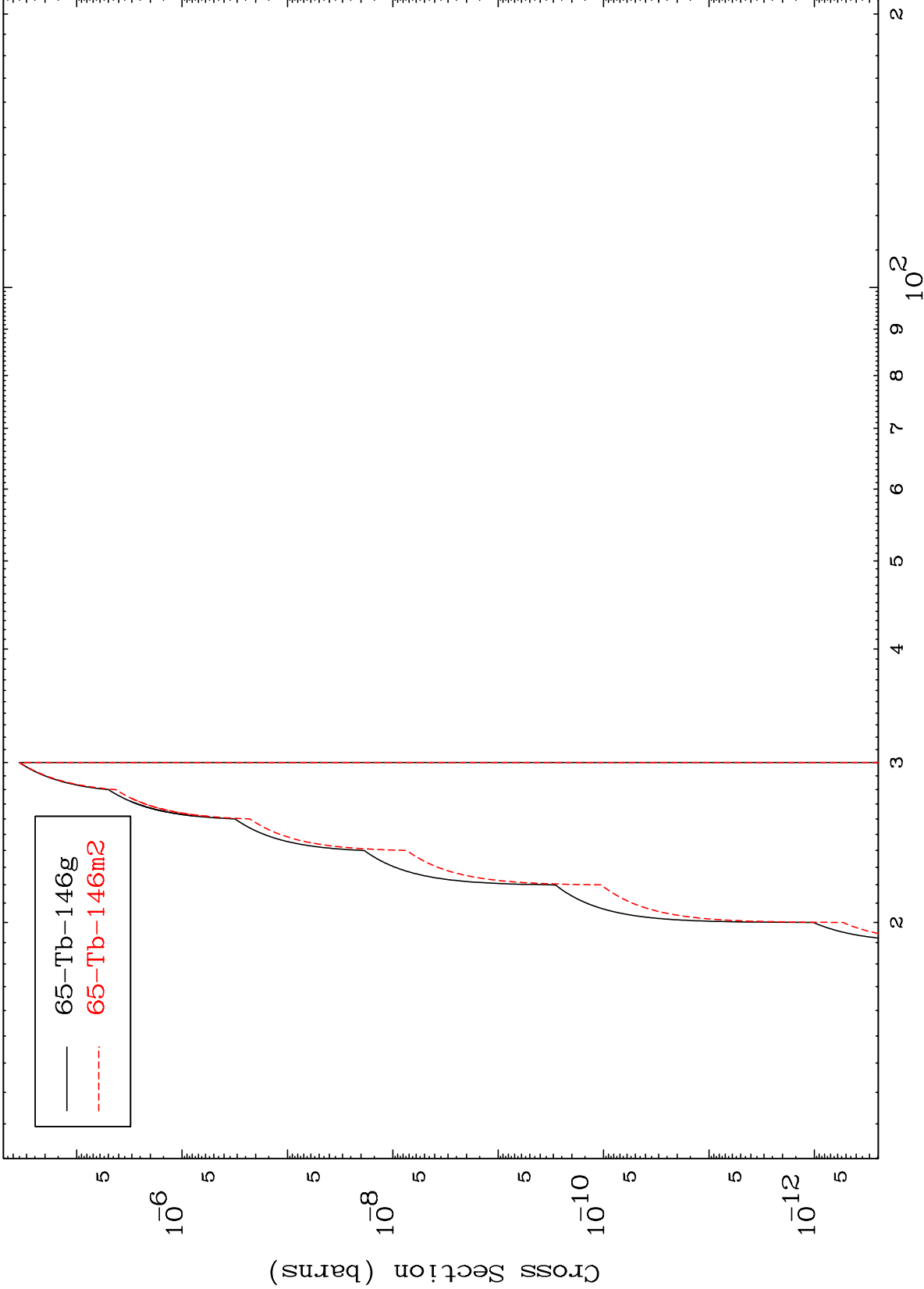
65-Tb-145

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( $\alpha, \text{He-3}$ )

65-Tb-145

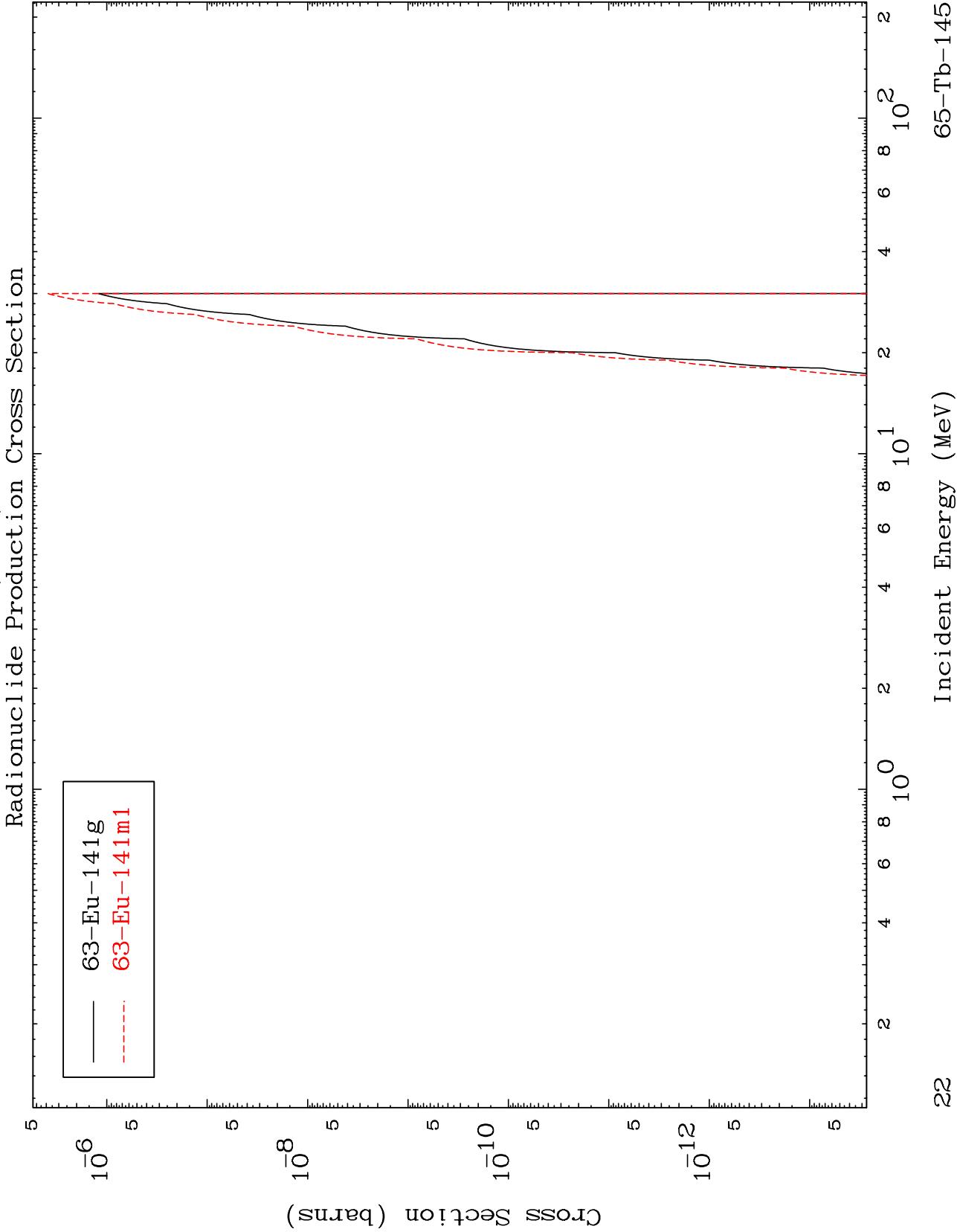
Radionuclide Production Cross Section



MAT 6483

( $\alpha, 2\alpha$ )

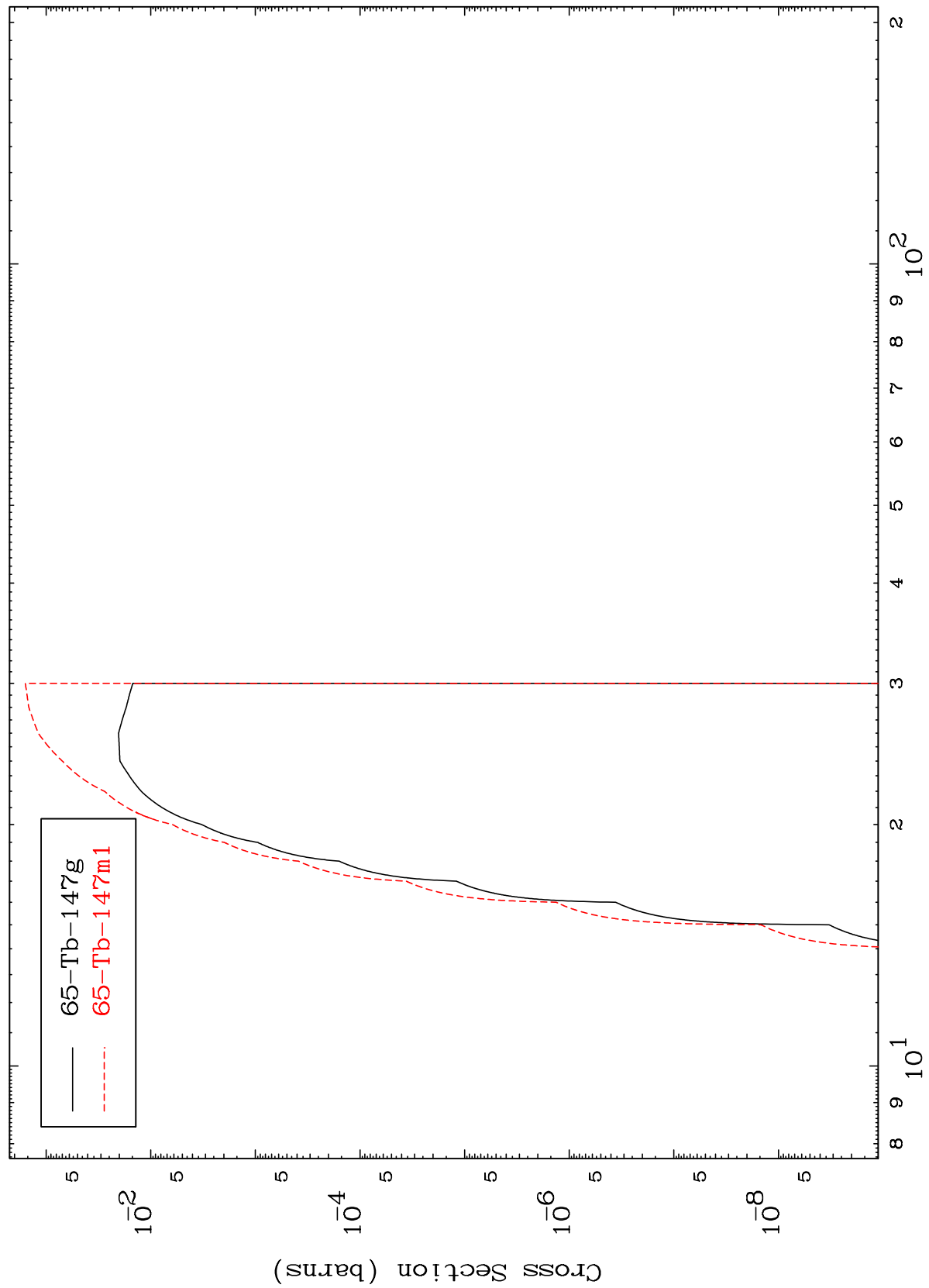
65-Tb-145



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65-Tb-145

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



23

Incident Energy (MeV)

65-Tb-145

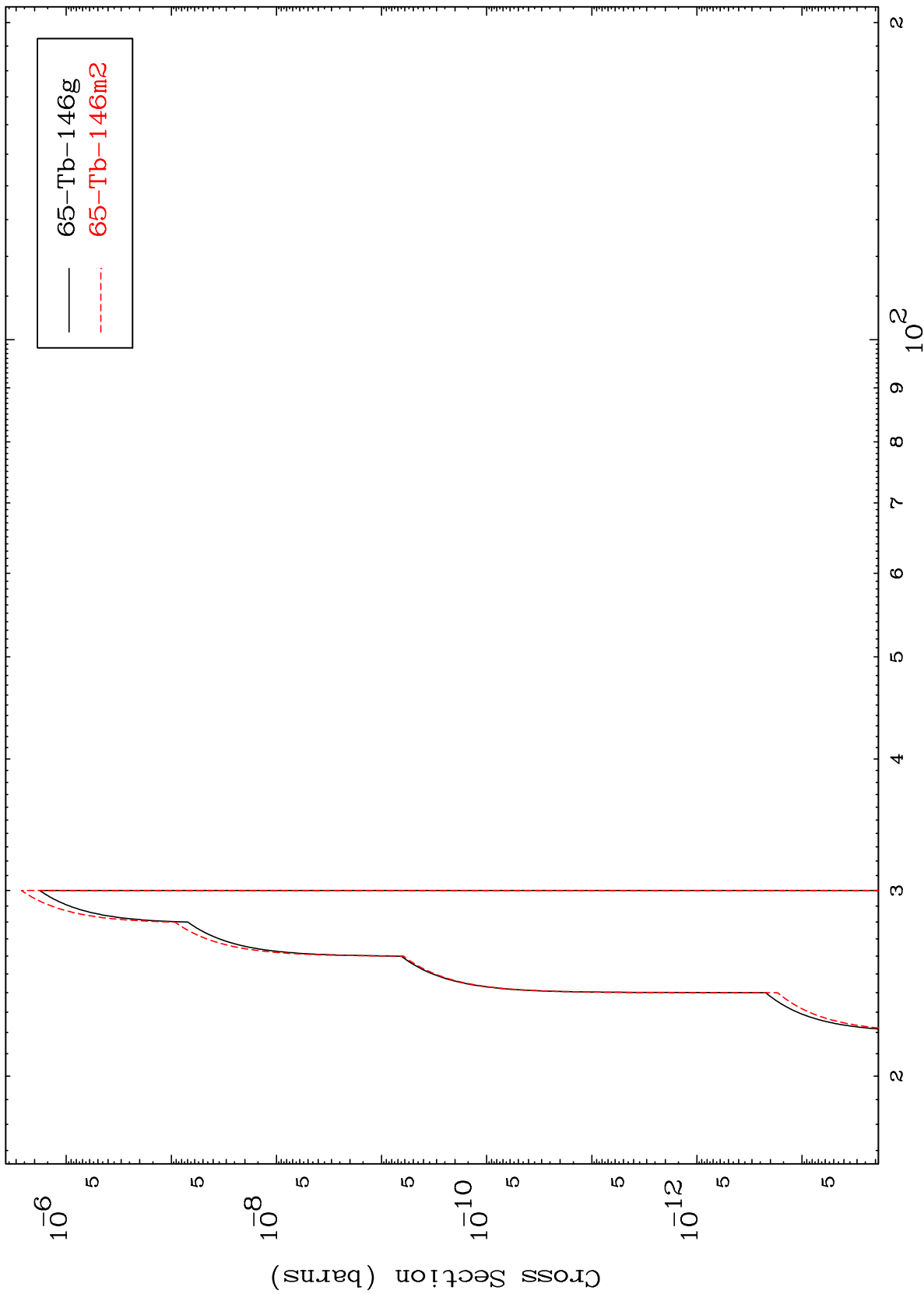


MAT 6483

( $\alpha, p$ ) d

<sup>65</sup>Tb-145

Radionuclide Production Cross Section



24

Incident Energy (MeV)

<sup>65</sup>Tb-145