

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

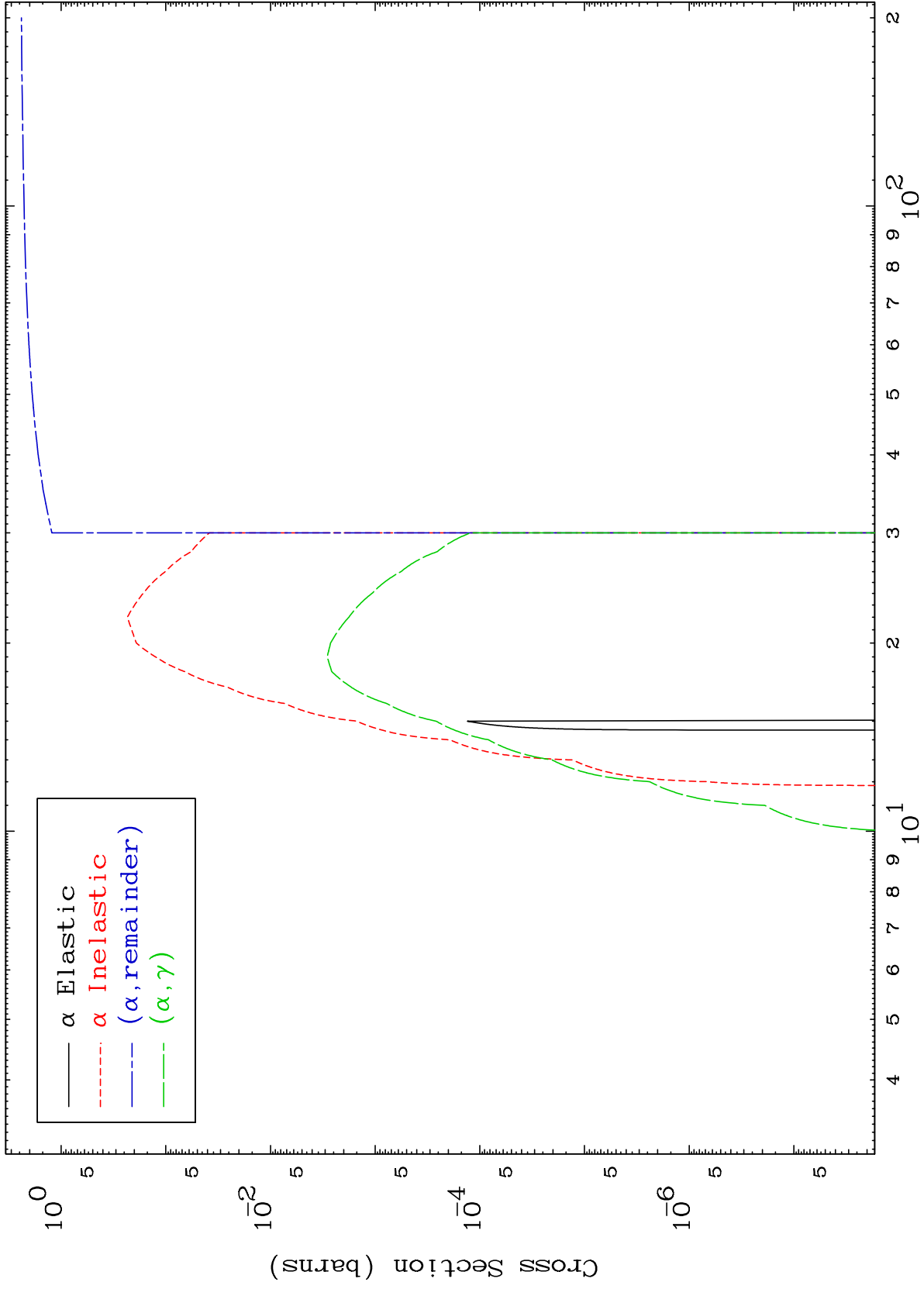
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Web:redcullen1.net/HOMEPAGE.NEW

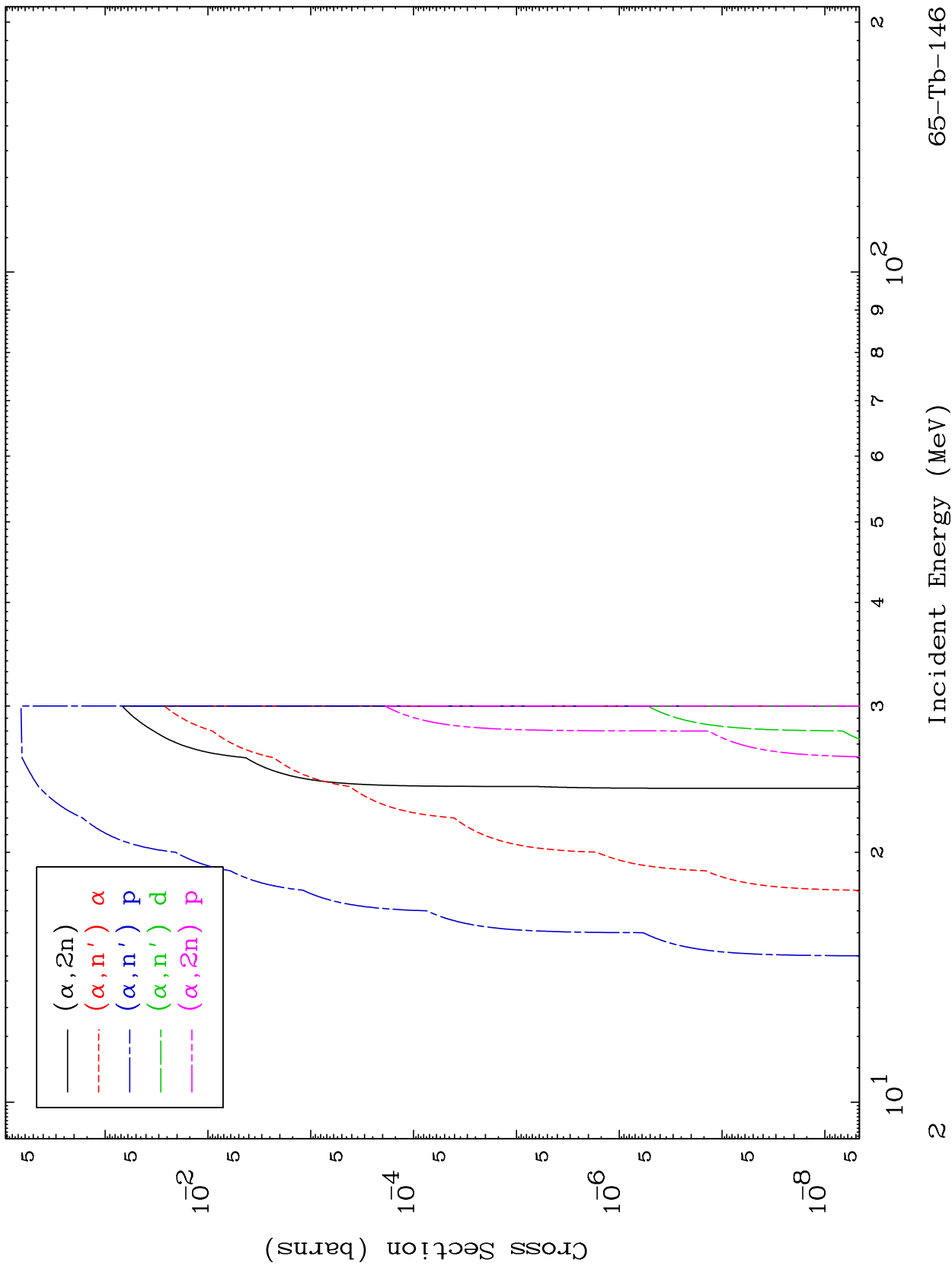
Press Mouse Button to Start



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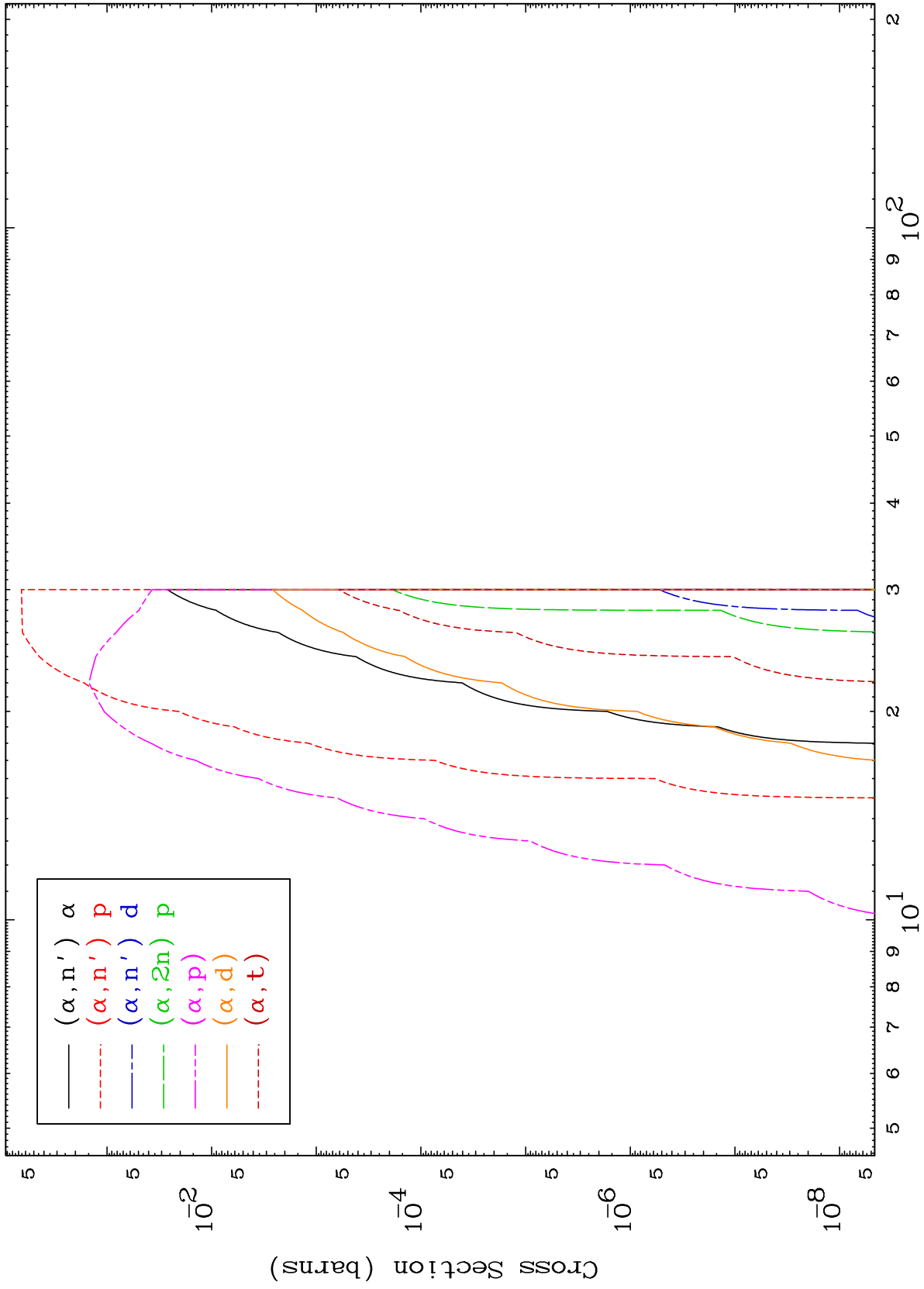
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

65-Tb-146



65-Tb-146

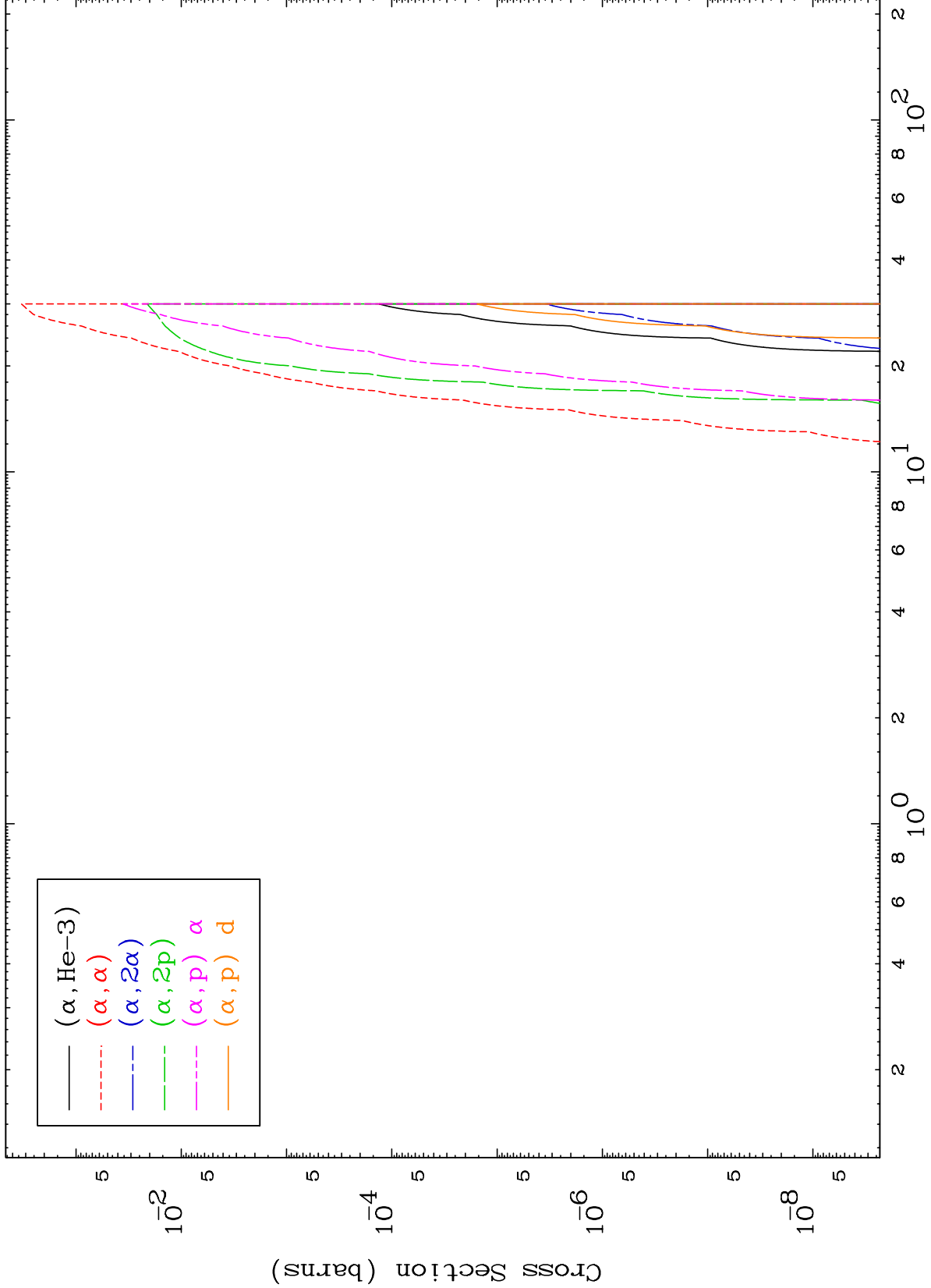
Incident Energy (MeV)



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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

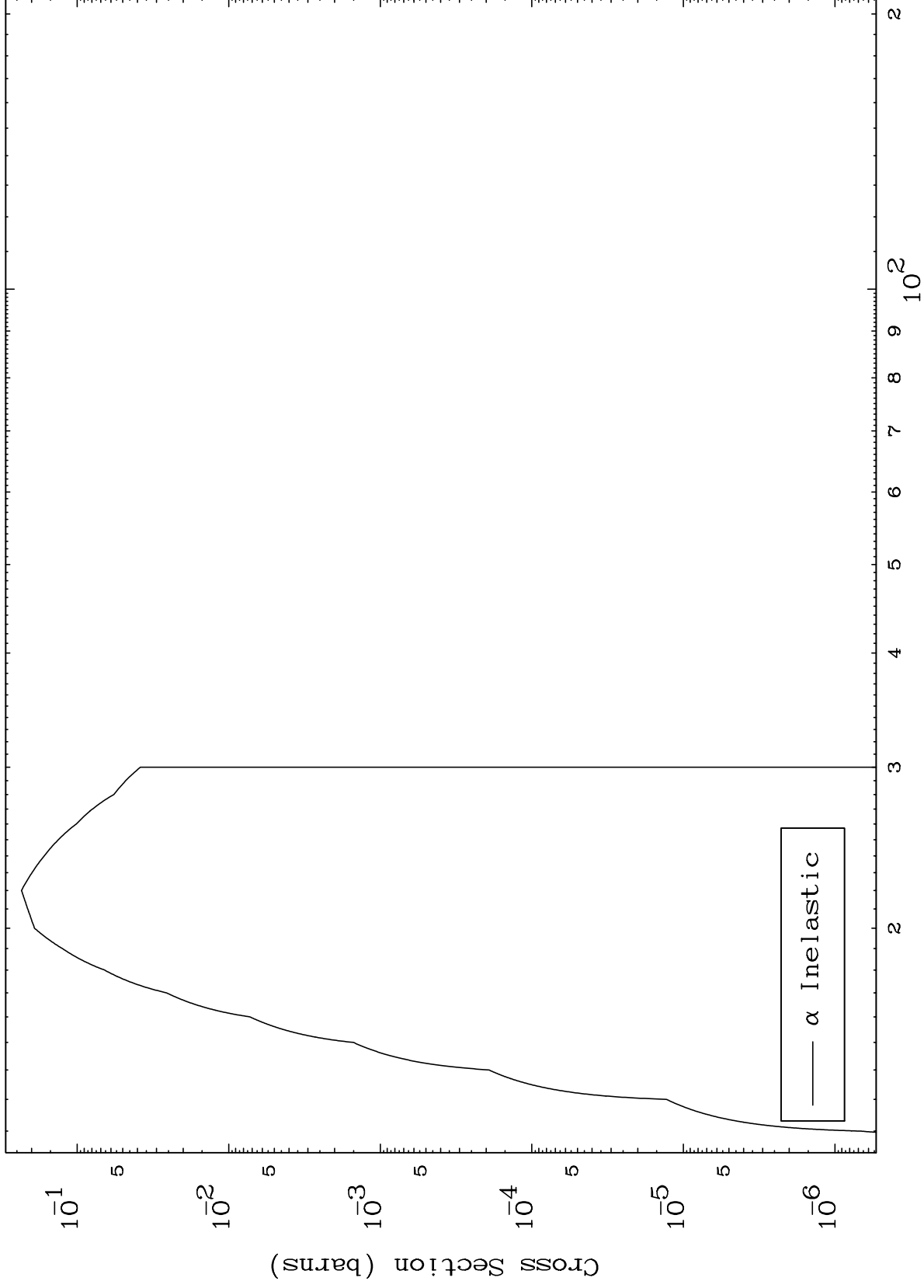
65-Tb-146



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

65-Tb-146



5

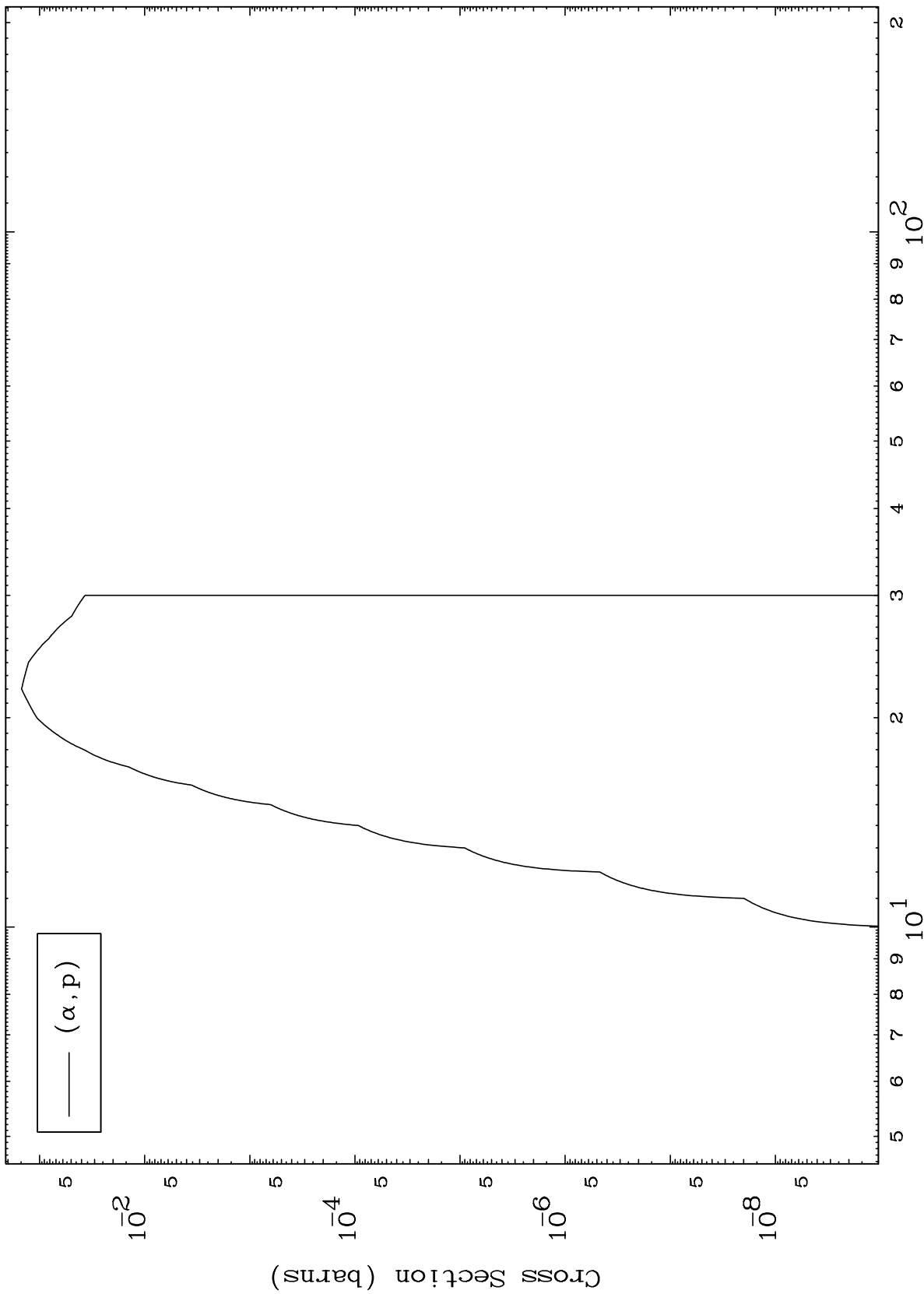
Incident Energy (MeV)

65-Tb-146

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65-Tb-146

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



65-Tb-146

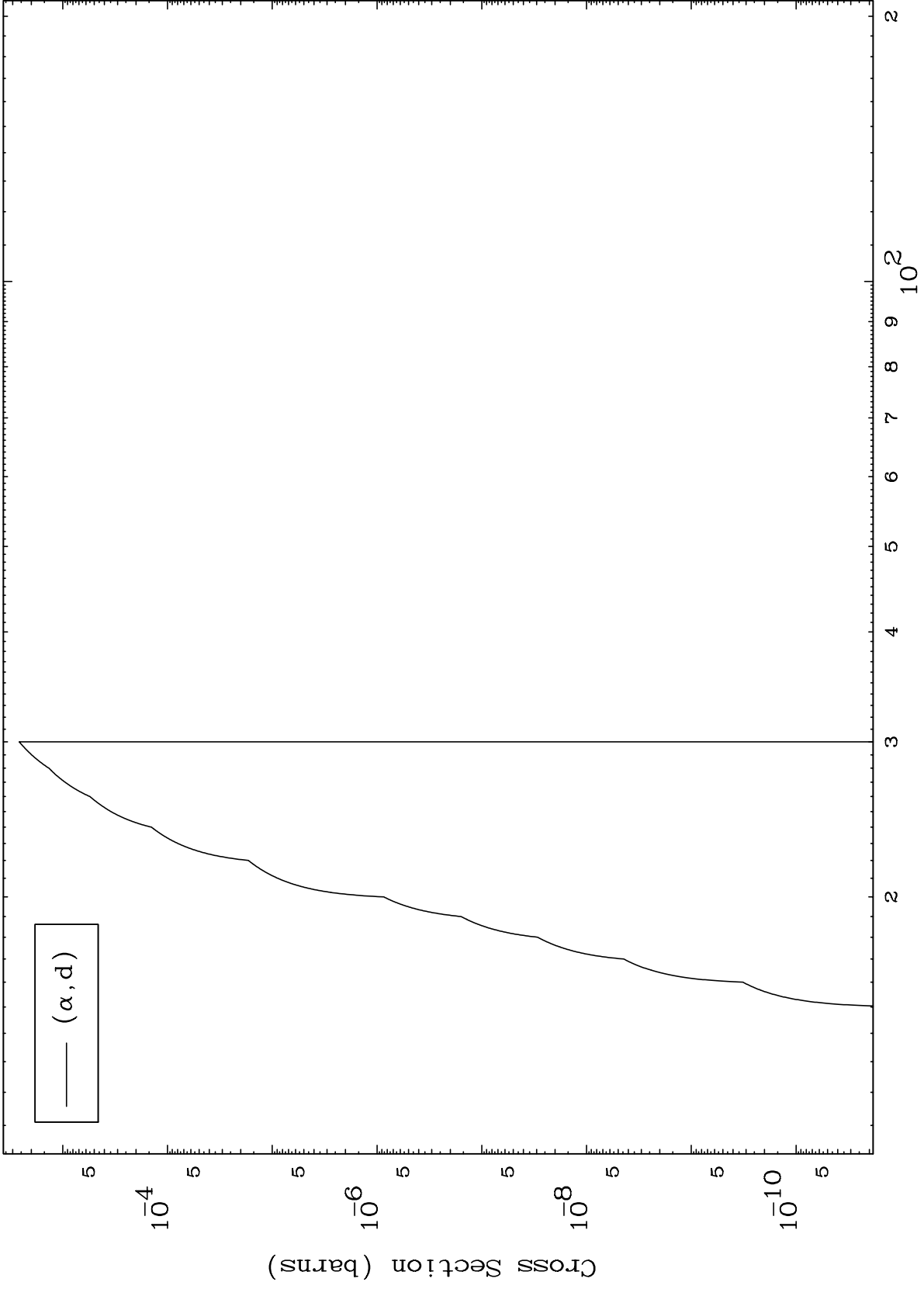
Incident Energy (MeV)

6

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

65-Tb-146



7

Incident Energy (MeV)

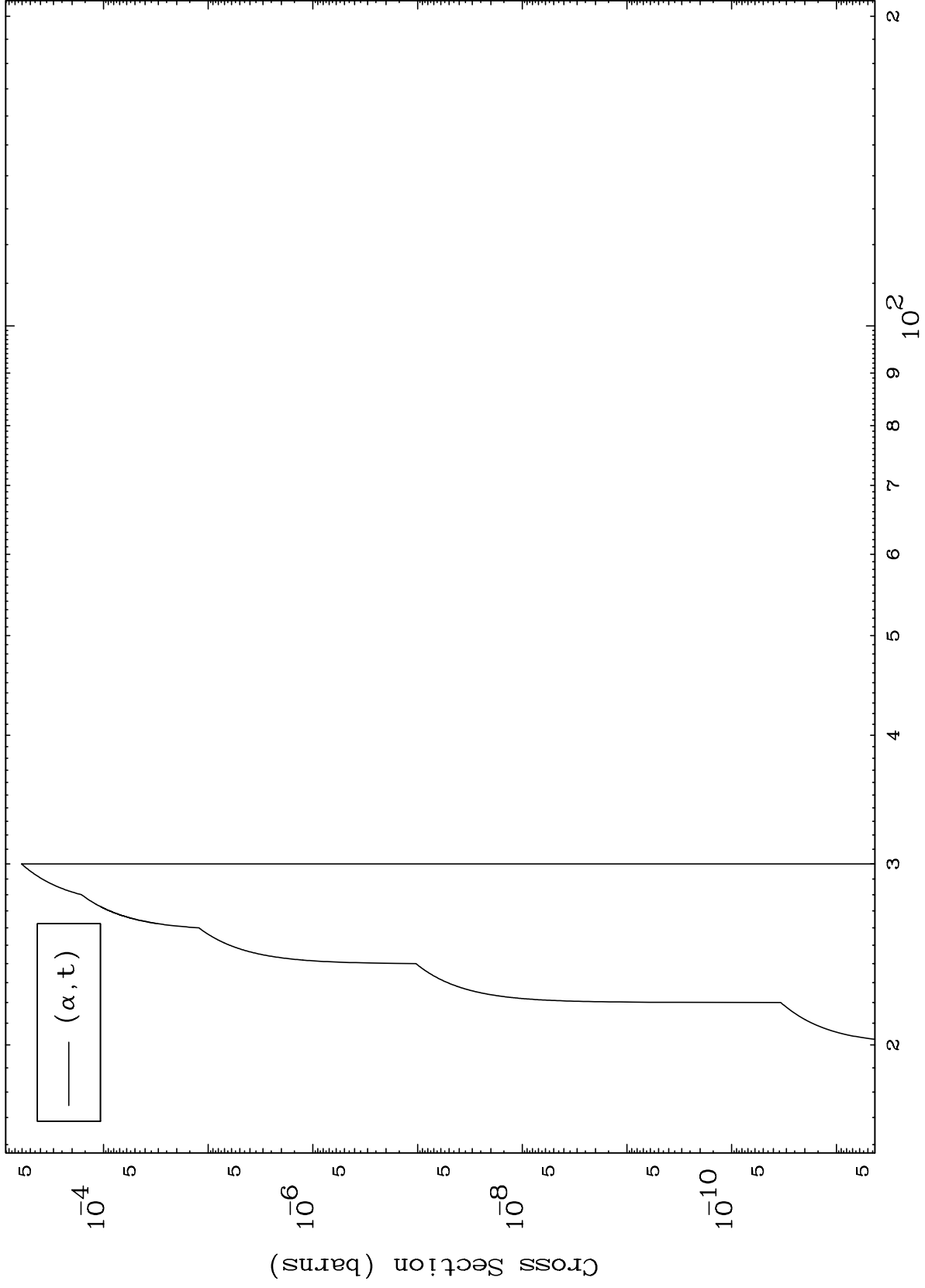
65-Tb-146



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

65-Tb-146



8

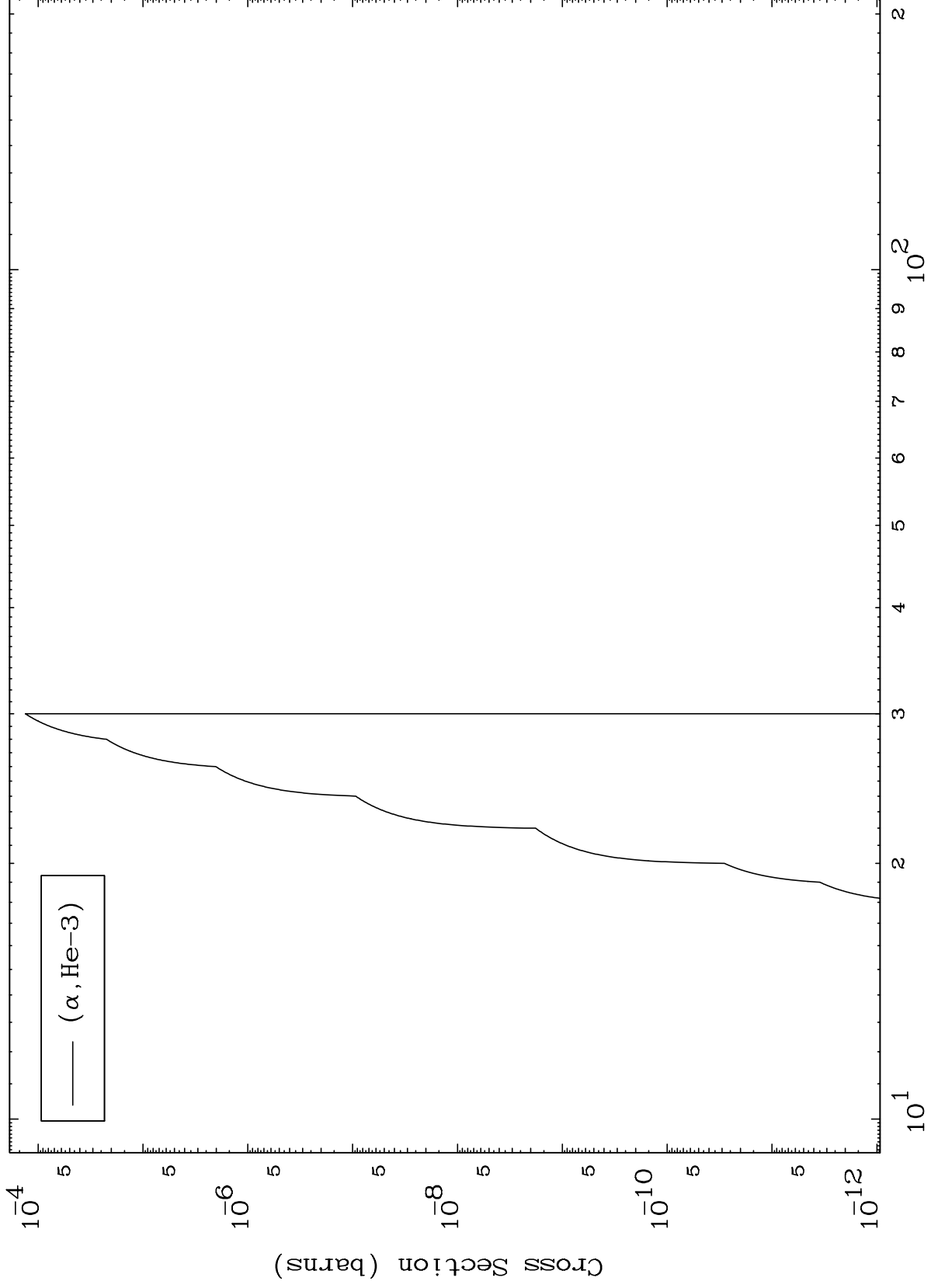
Incident Energy (MeV)

65-Tb-146

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

65-Tb-146



Incident Energy (MeV)

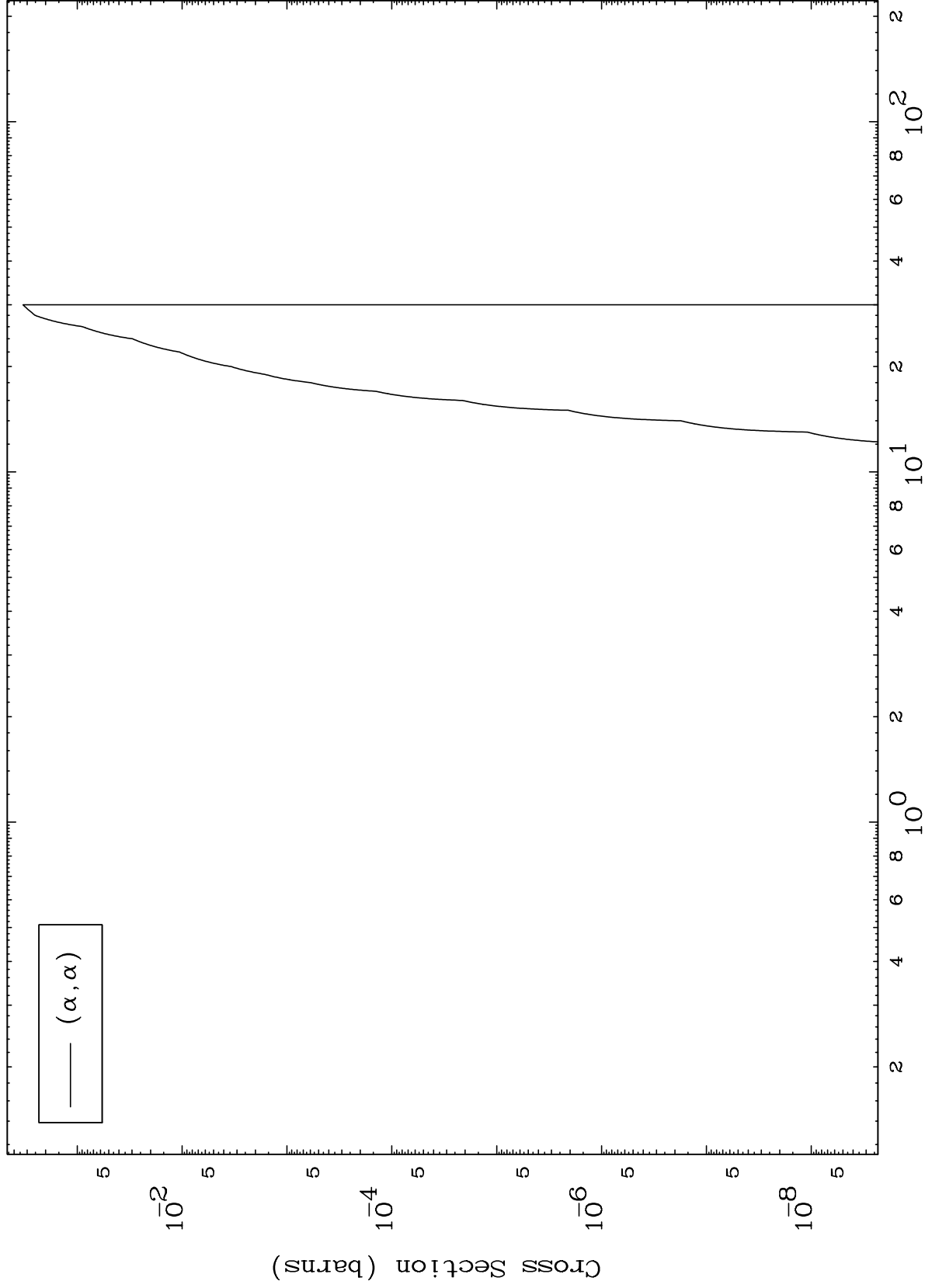
65-Tb-146

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( $\alpha, \alpha$ ) Levels

65-Tb-146

0 Kelvin Cross Sections

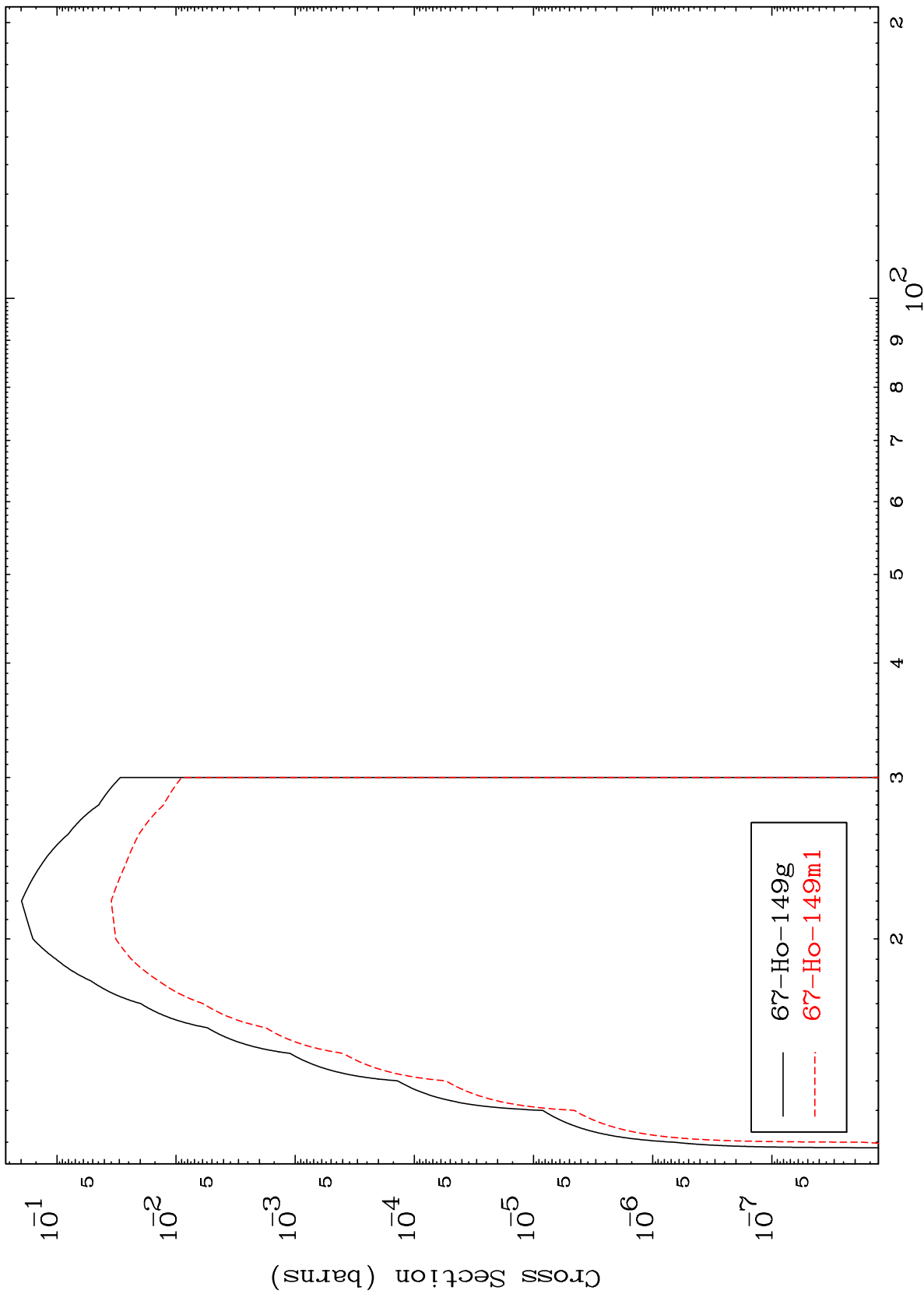


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Incident Energy (MeV)

65-Tb-146

Radionuclide Production Cross Section  
 $\alpha$  Inelastic

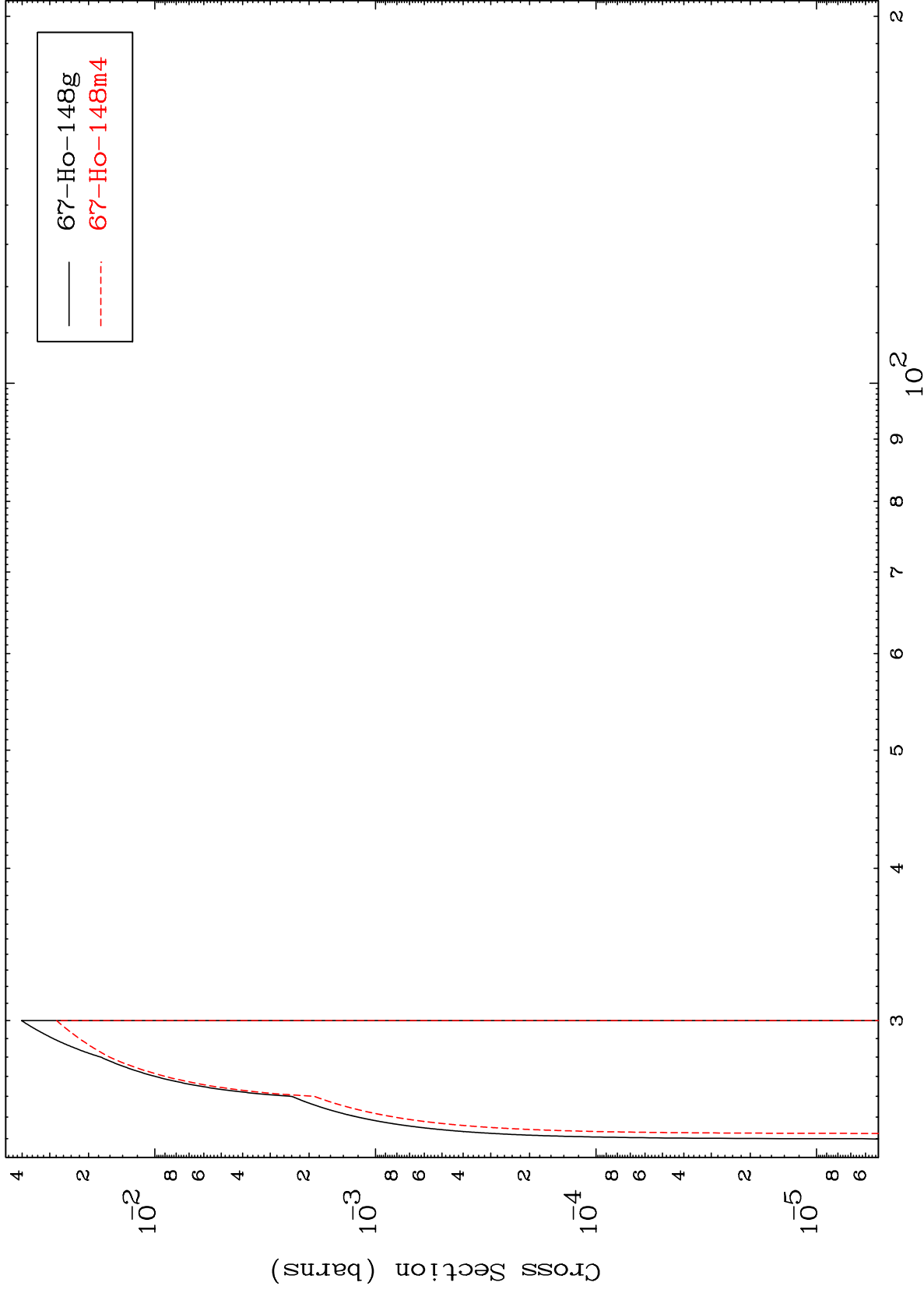


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( $\alpha, 2n$ )

65-Tb-146

Radionuclide Production Cross Section



12

Incident Energy (MeV)

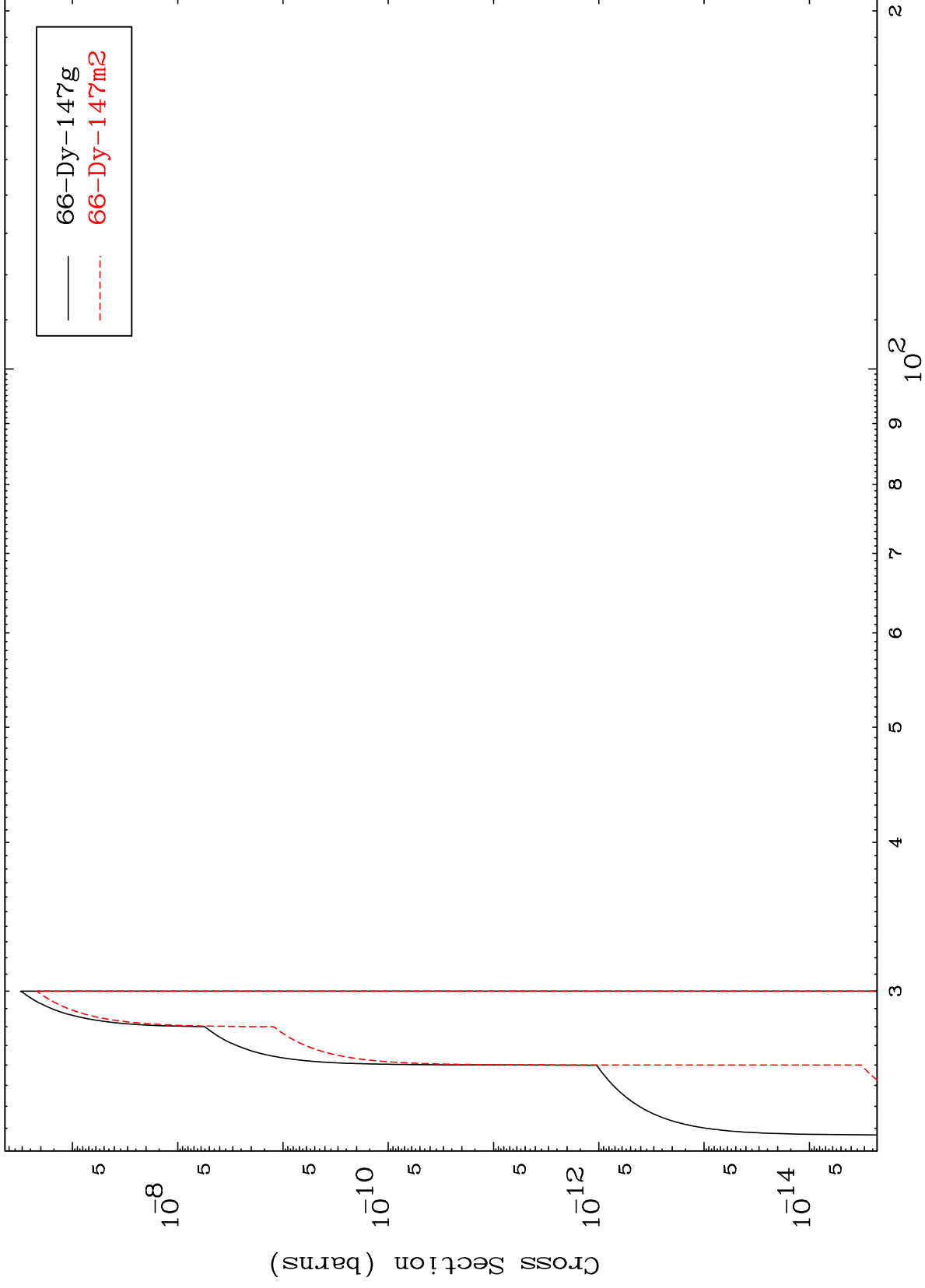
65-Tb-146

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( $\alpha, n'$ ) d

65-Tb-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

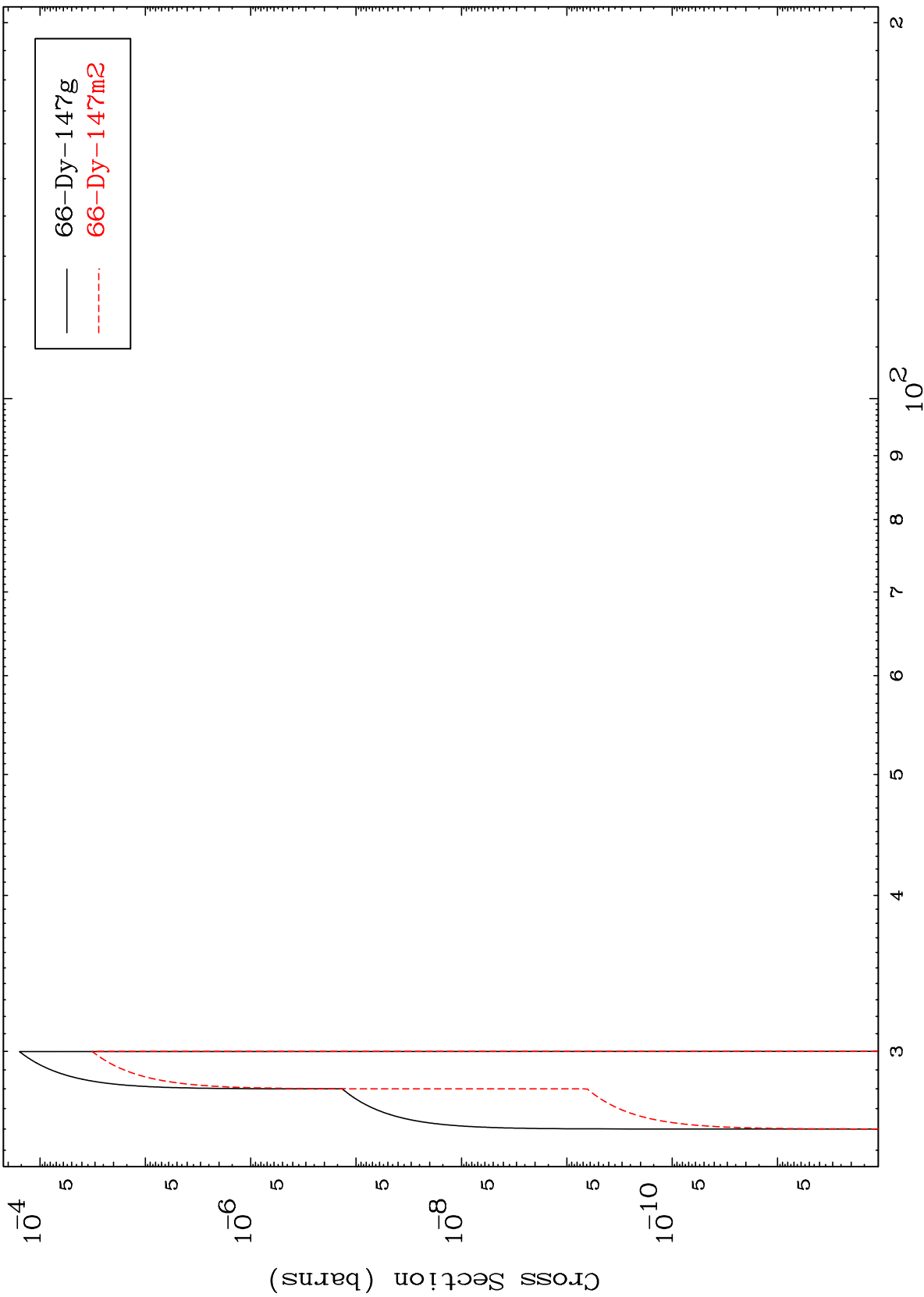
65-Tb-146

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$(\alpha, 2n)$  p

65-Tb-146

Radionuclide Production Cross Section



14

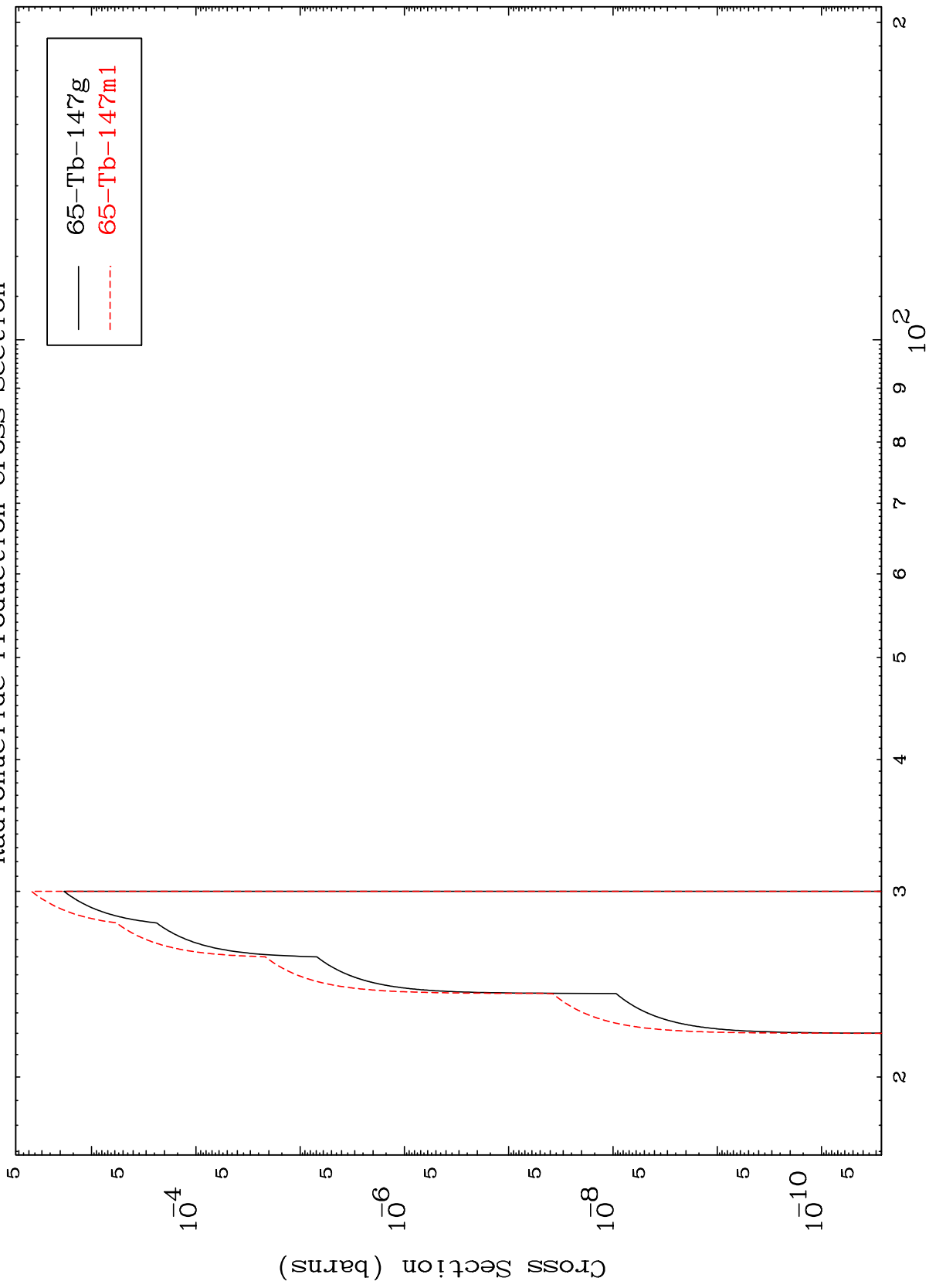
Incident Energy (MeV)

65-Tb-146

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65-Tb-146

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



15

Incident Energy (MeV)

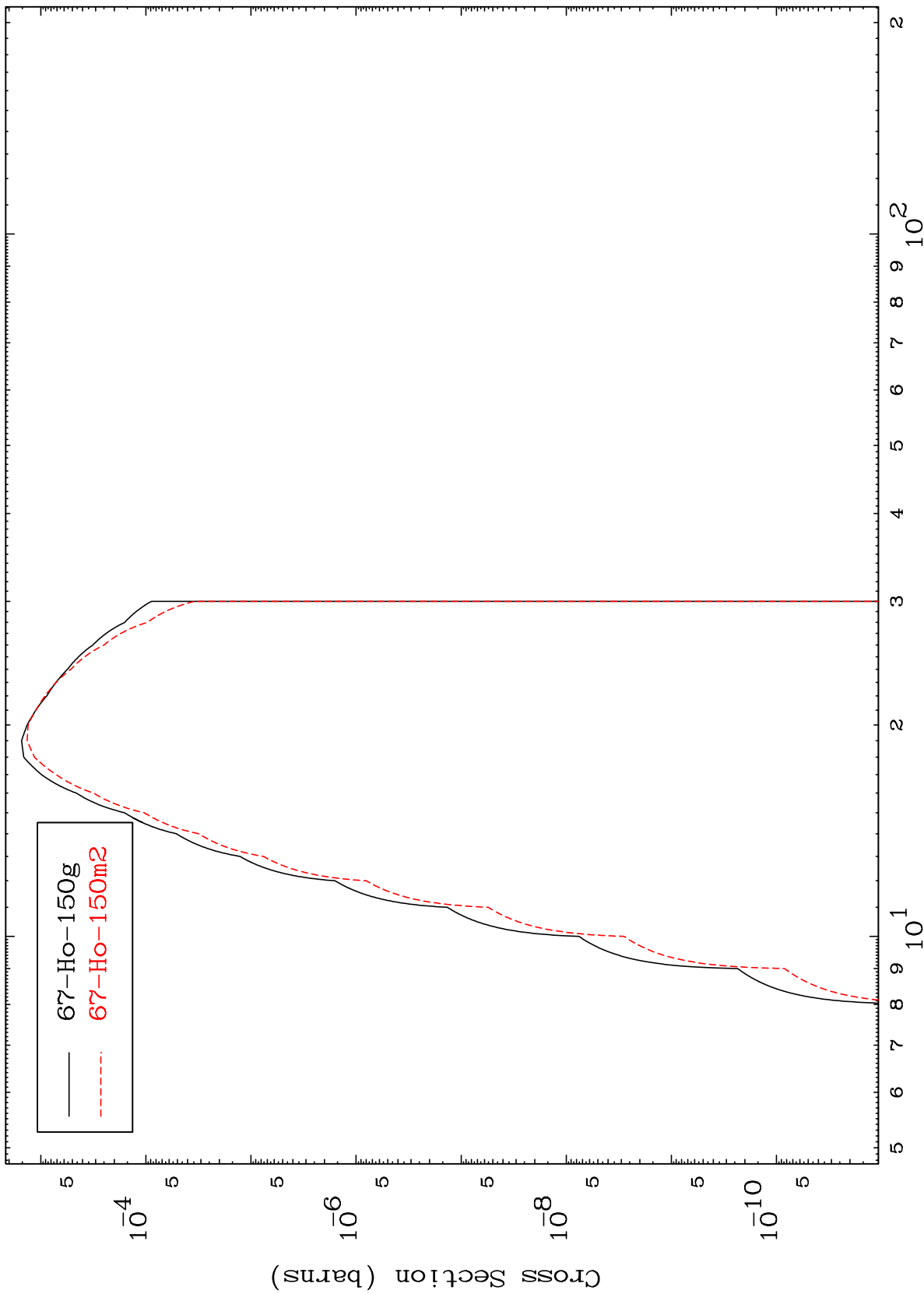
65-Tb-146



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65-Tb-146

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



16

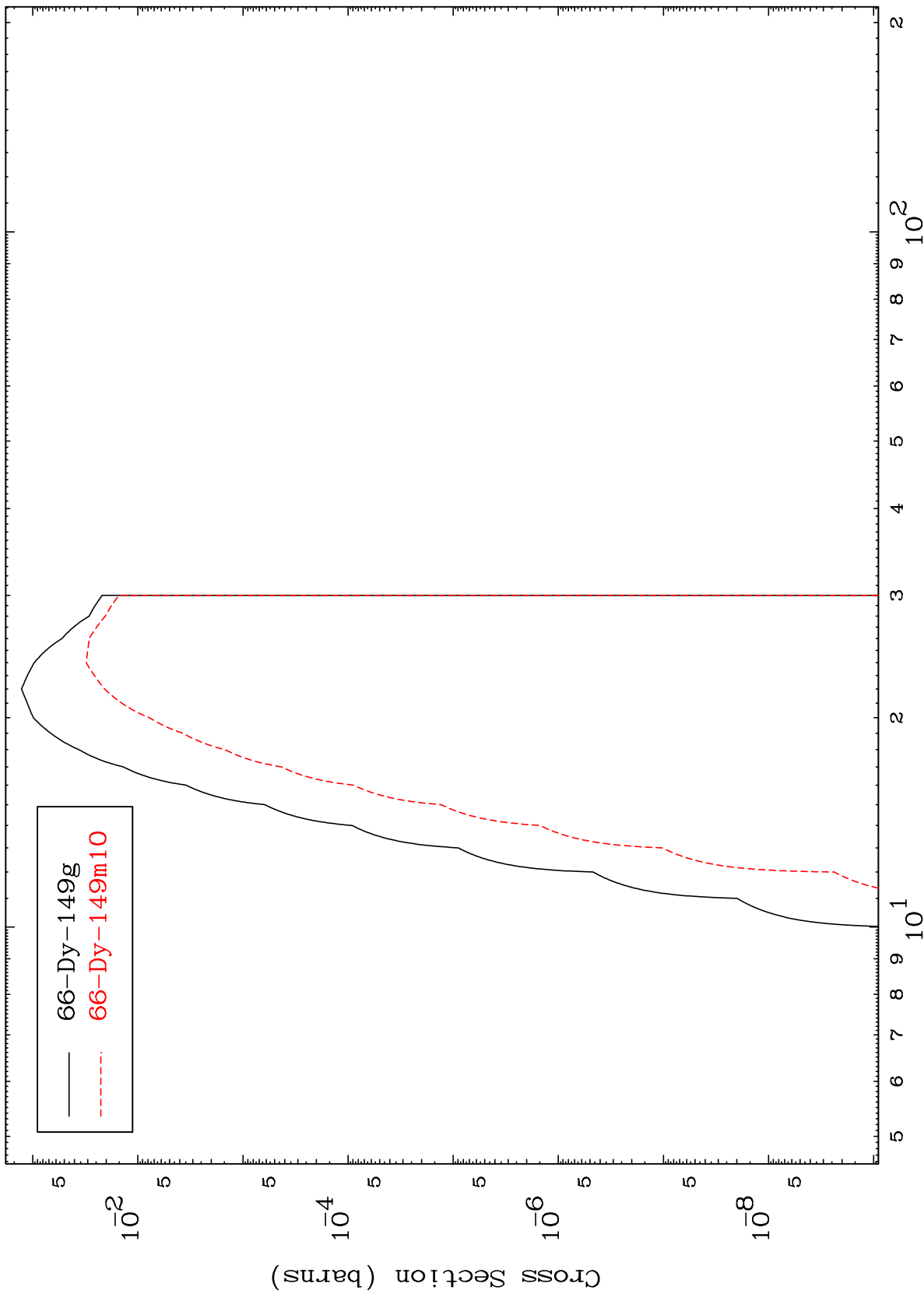
Incident Energy (MeV)

65-Tb-146

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65-Tb-146

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



17

Incident Energy (MeV)

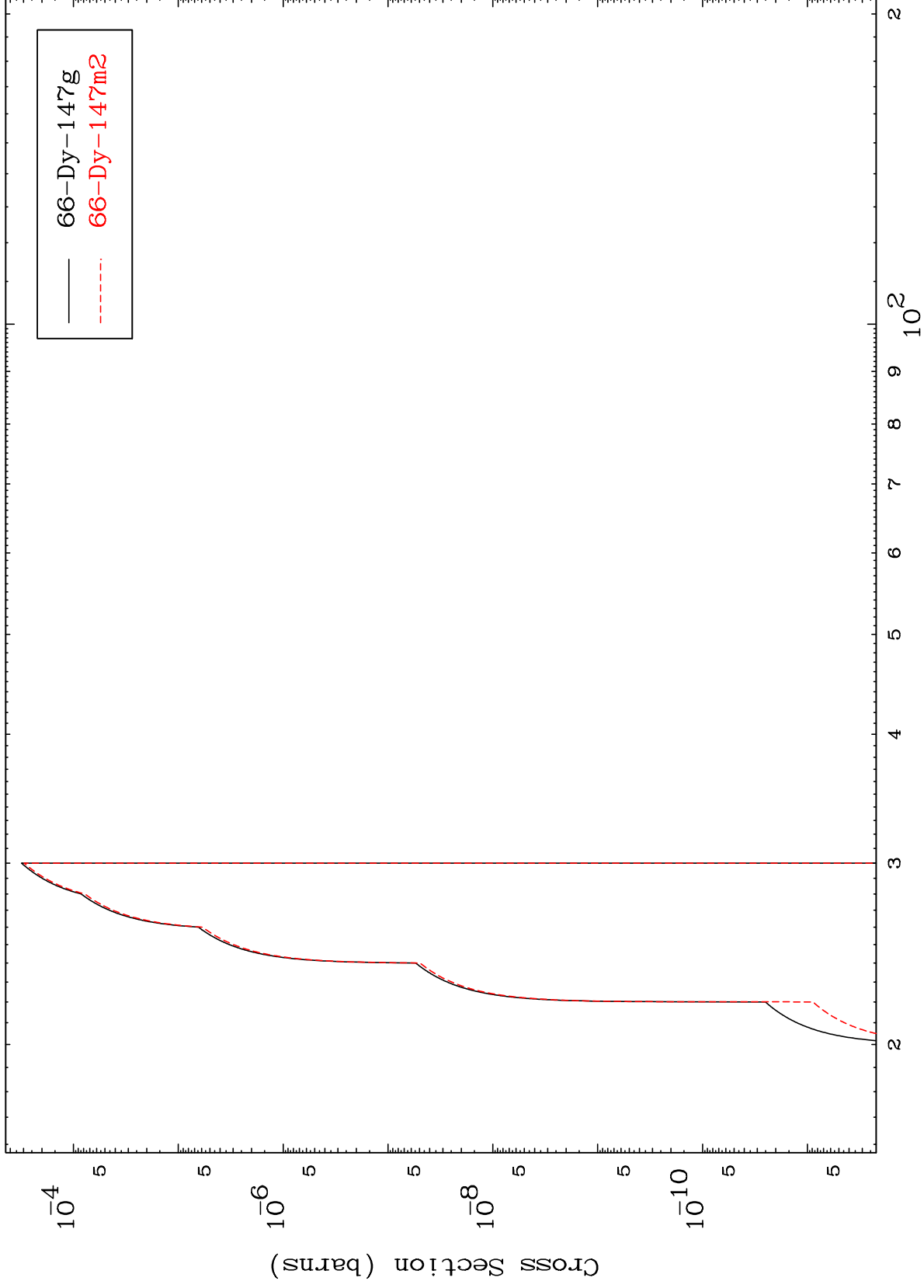
65-Tb-146

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( $\alpha, t$ )

65-Tb-146

Radionuclide Production Cross Section



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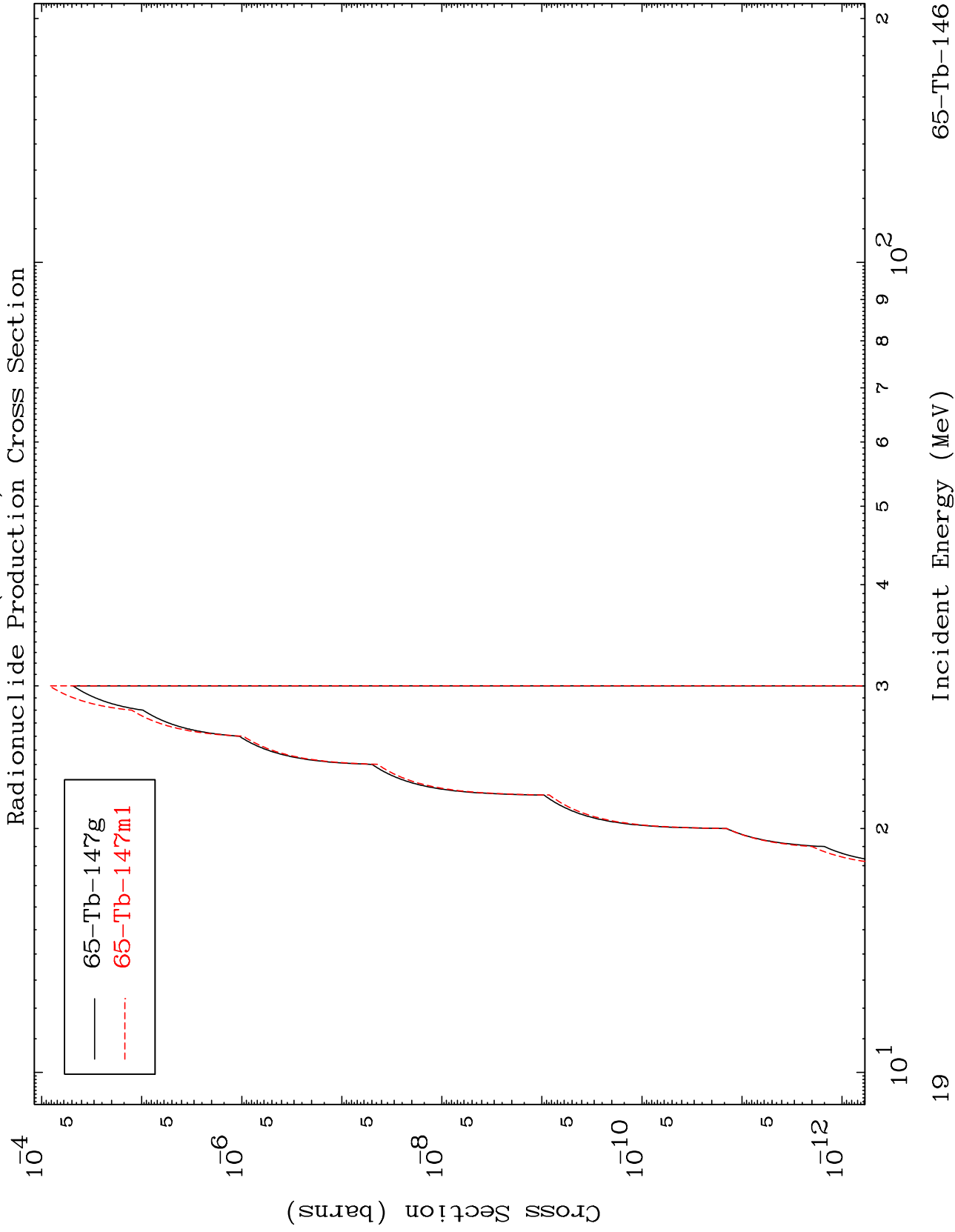
Incident Energy (MeV)

65-Tb-146

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( $\alpha$ ,He-3)

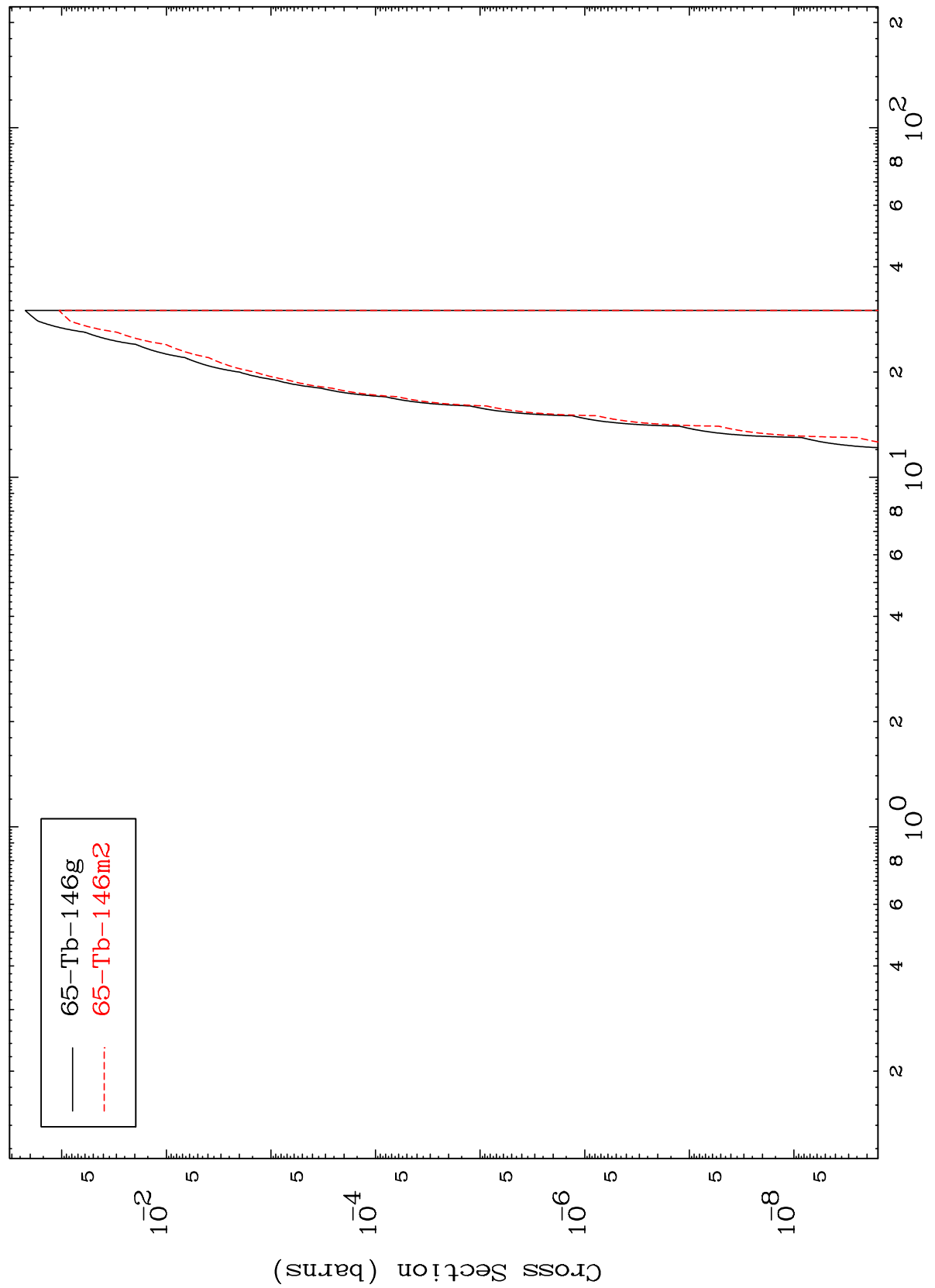
65-Tb-146



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65-Tb-146

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



20

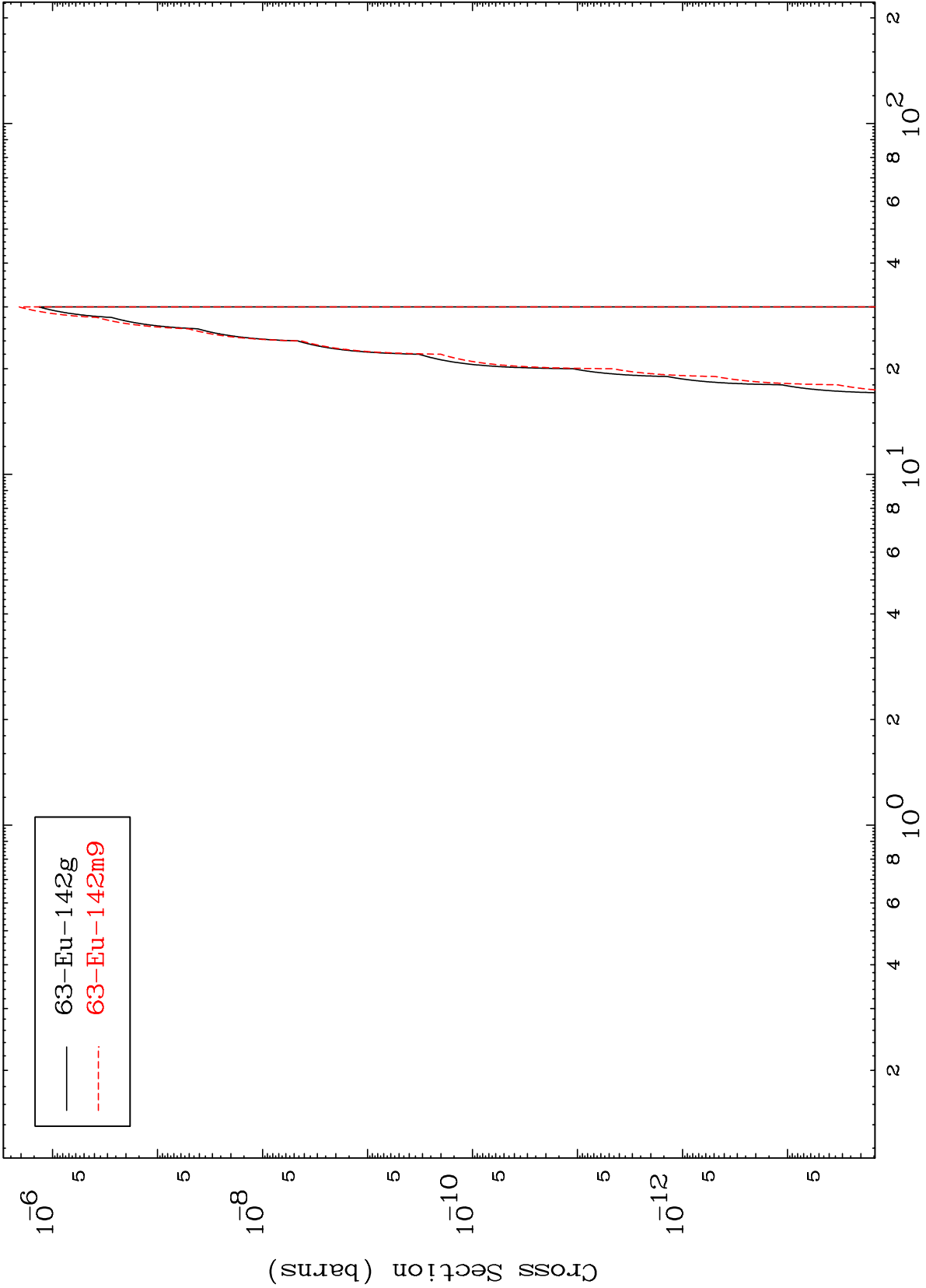
65-Tb-146

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( $\alpha, 2\alpha$ )

65-Tb-146

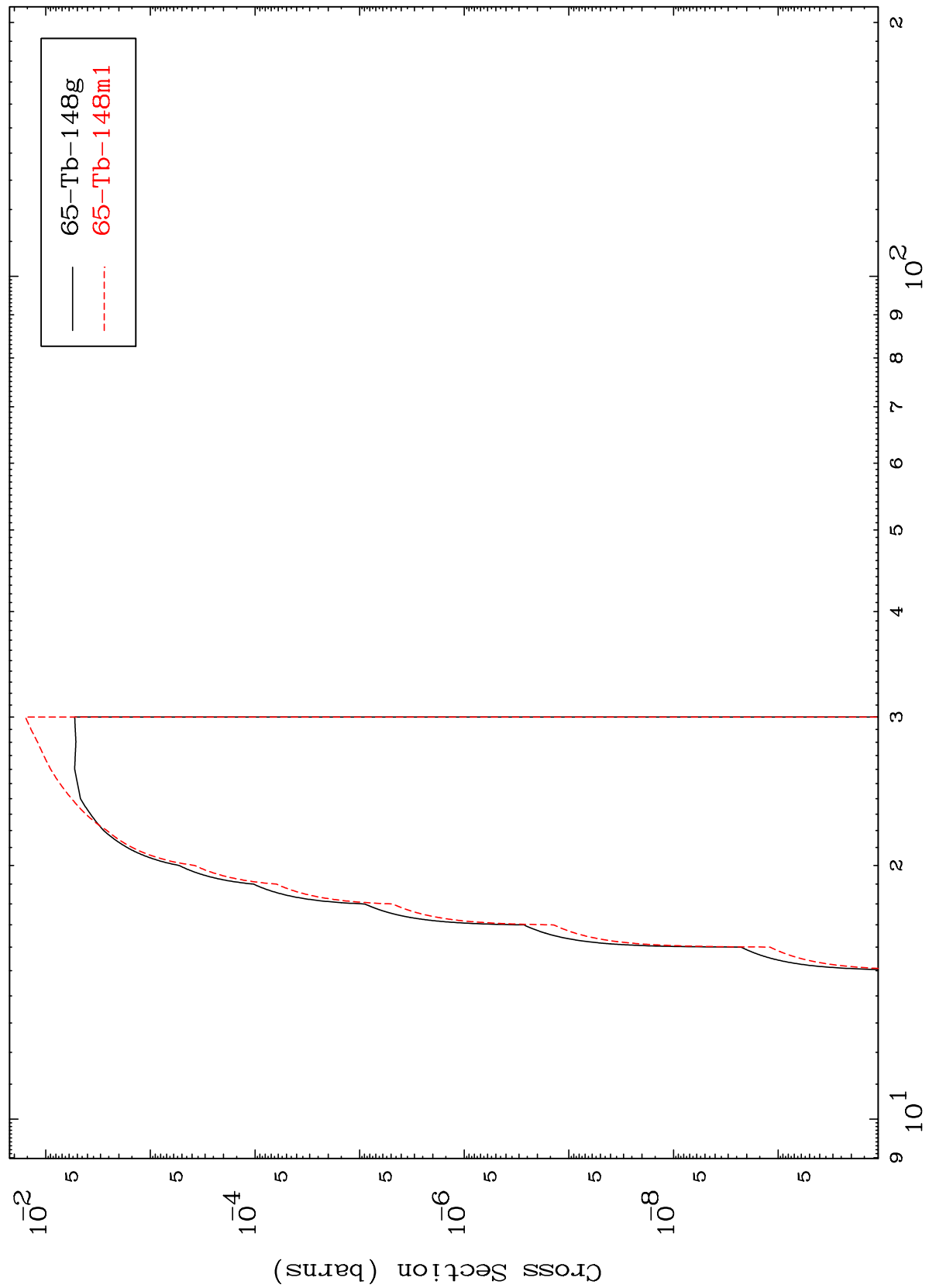
Radionuclide Production Cross Section



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65-Tb-146

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



65-Tb-146

Incident Energy (MeV)

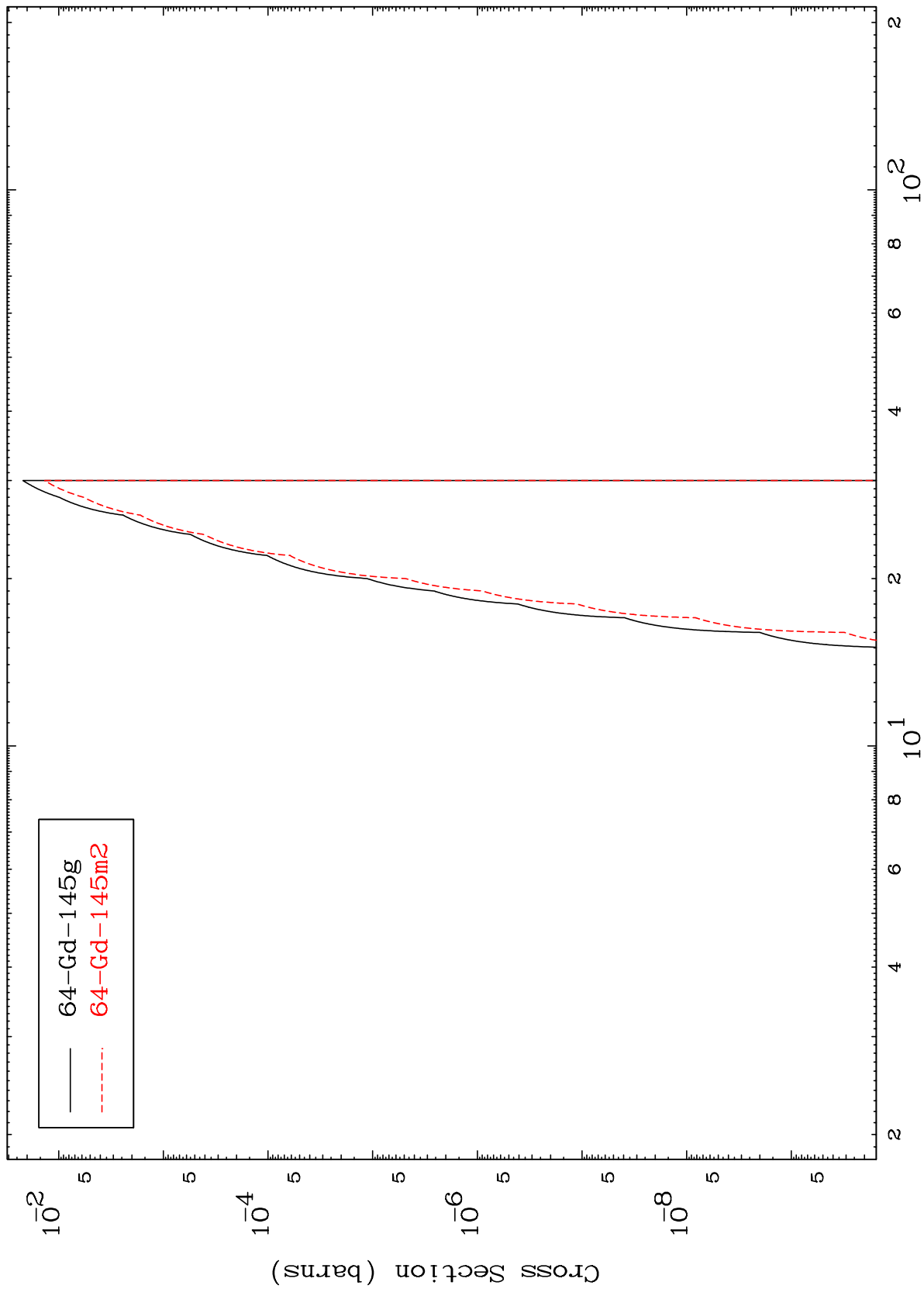
22

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

$^{65}\text{Tb}-146$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

$^{65}\text{Tb}-146$

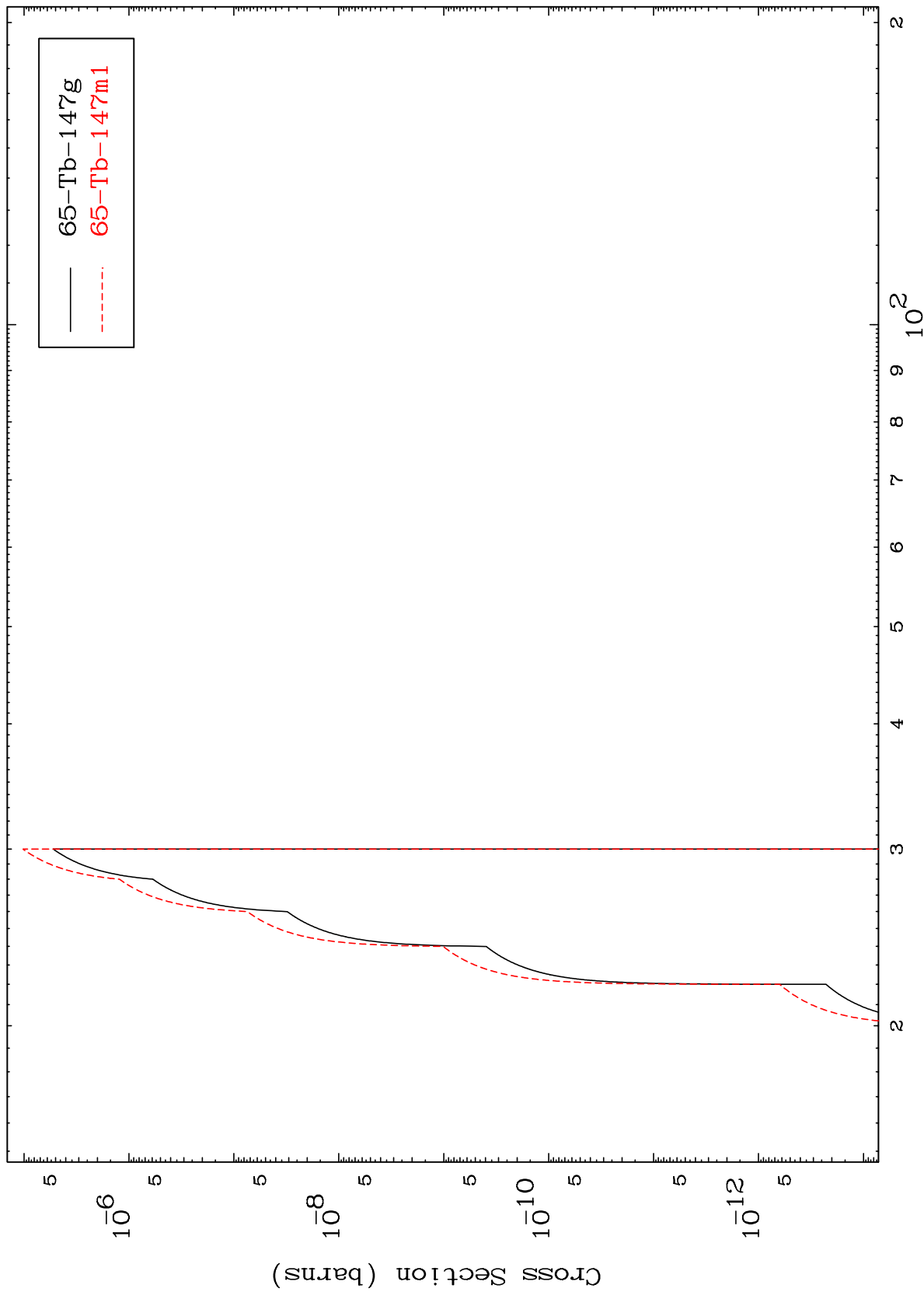


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( $\alpha, p$ ) d

65-Tb-146

Radionuclide Production Cross Section



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Incident Energy (MeV)

65-Tb-146