

Program EVALPLOT  
(Version 2018-1)

by

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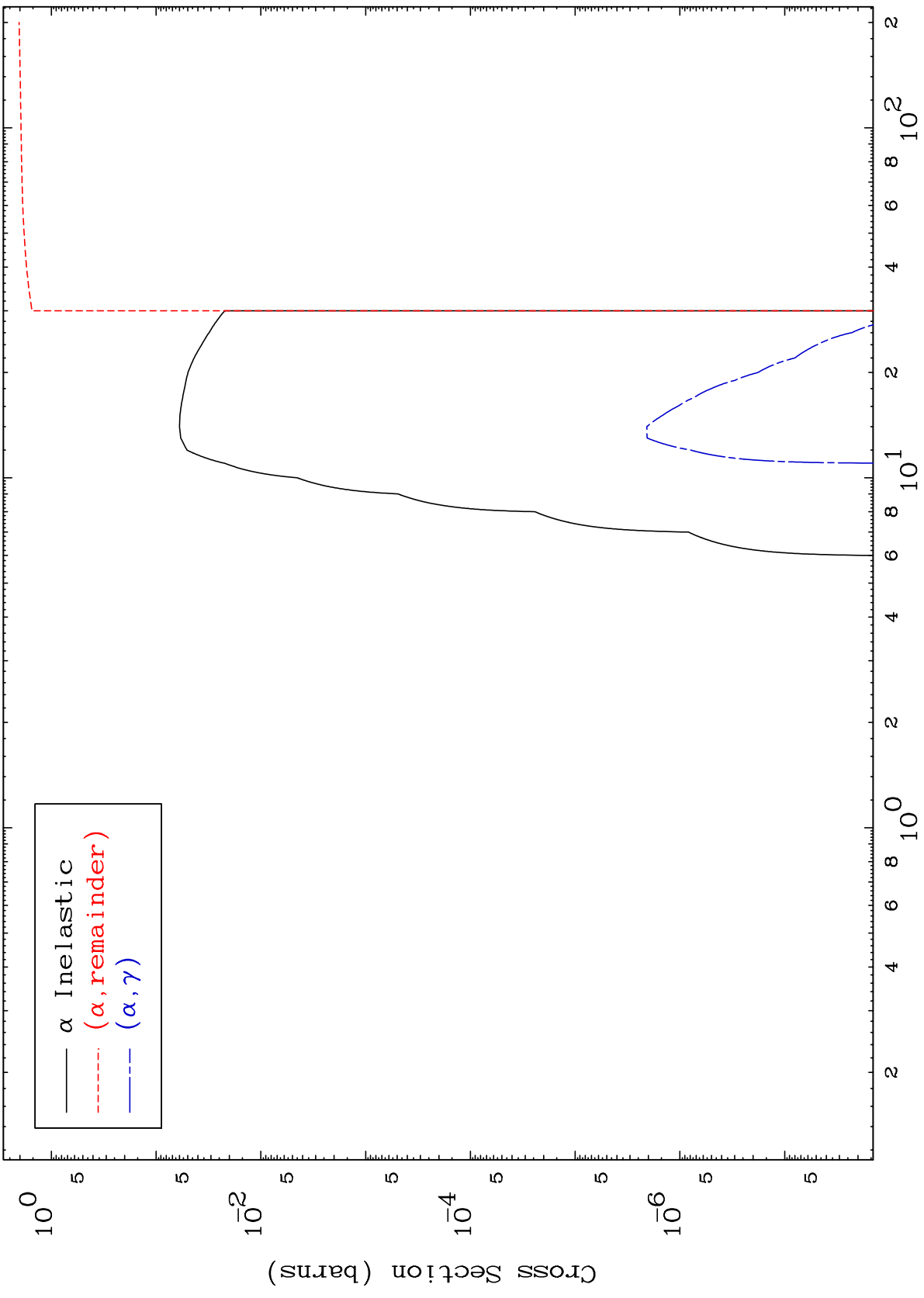
Press Mouse Button to Start

MAT 4146

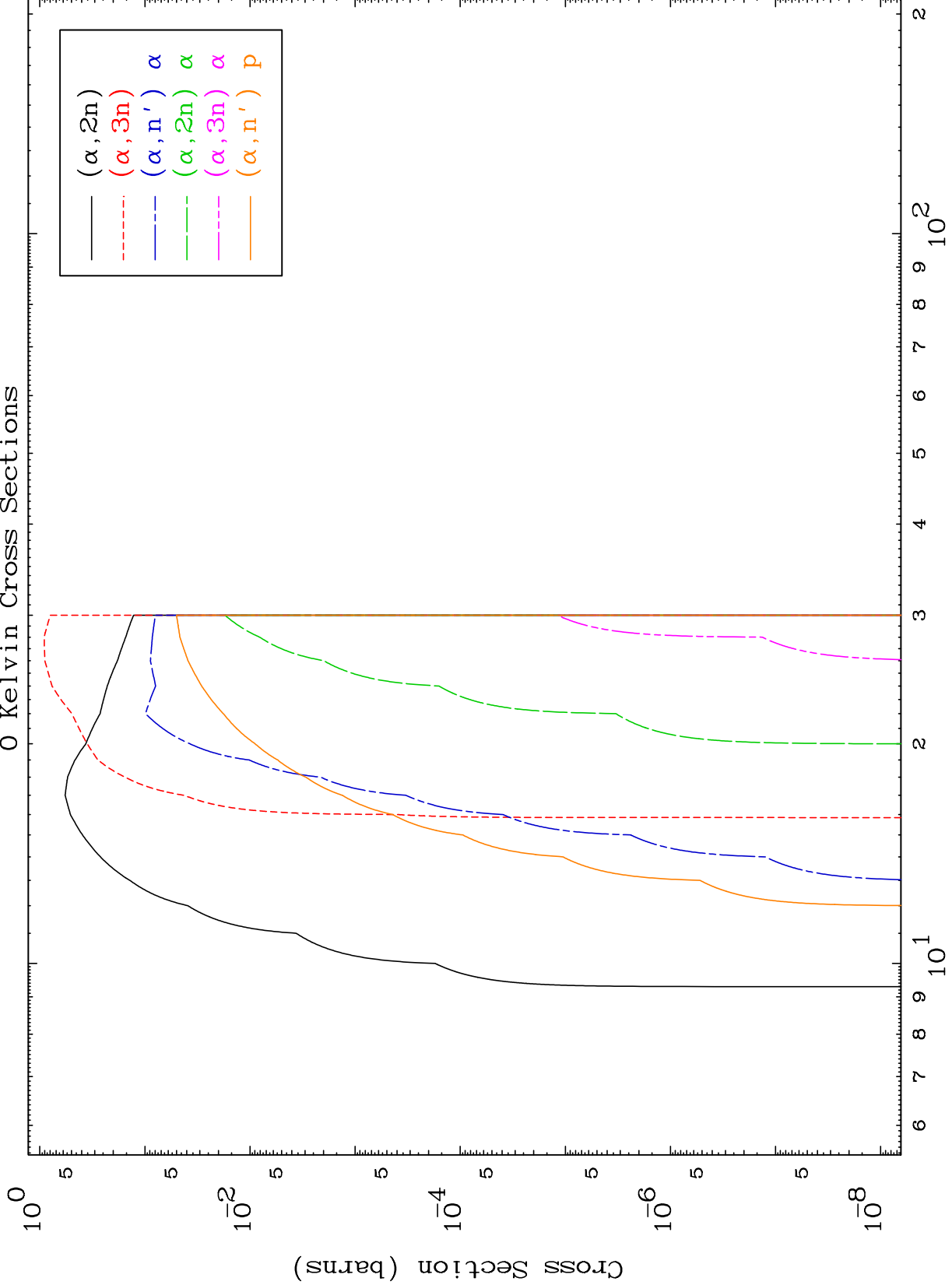
$\alpha$  Major

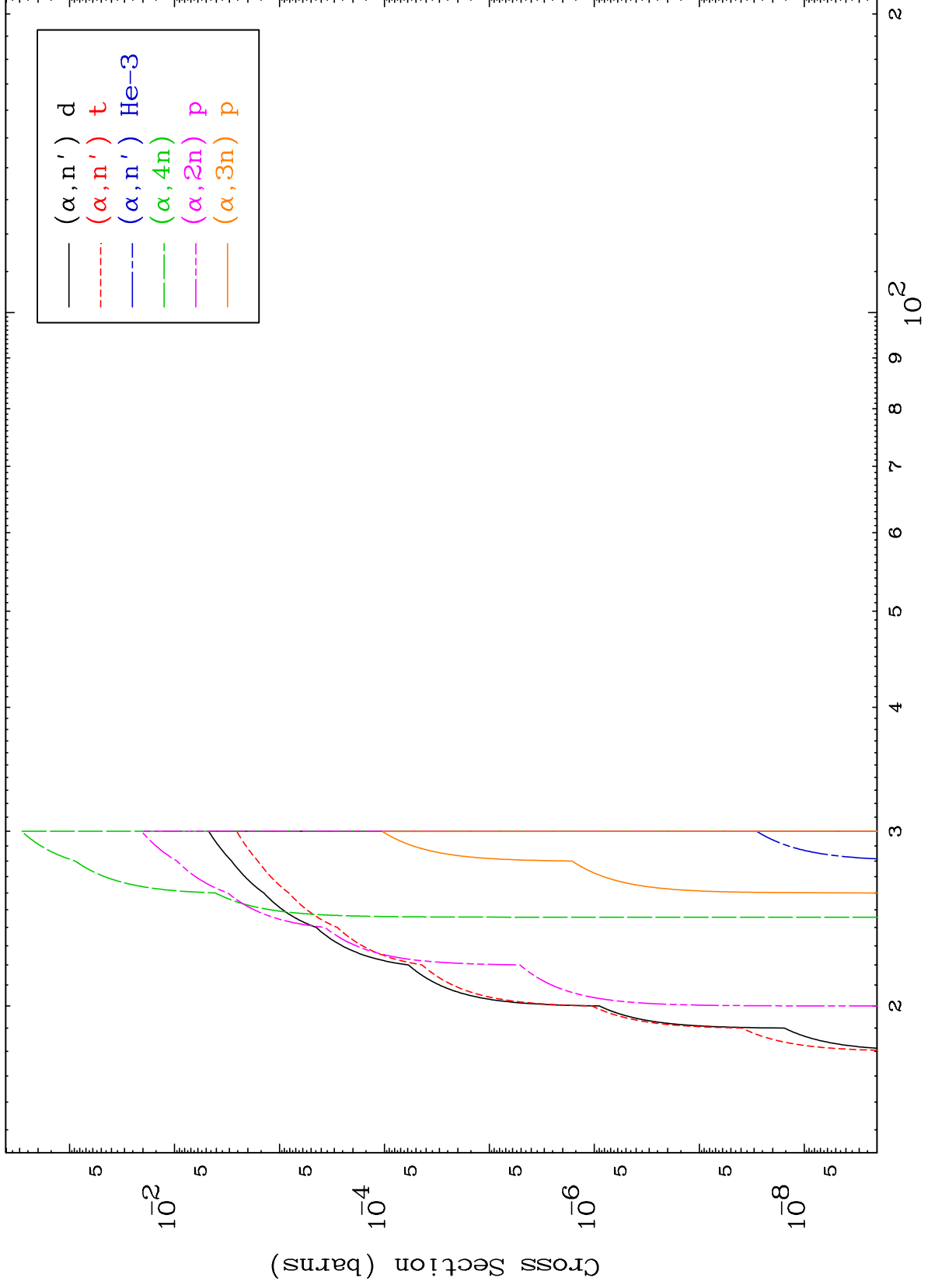
41-Nb-100

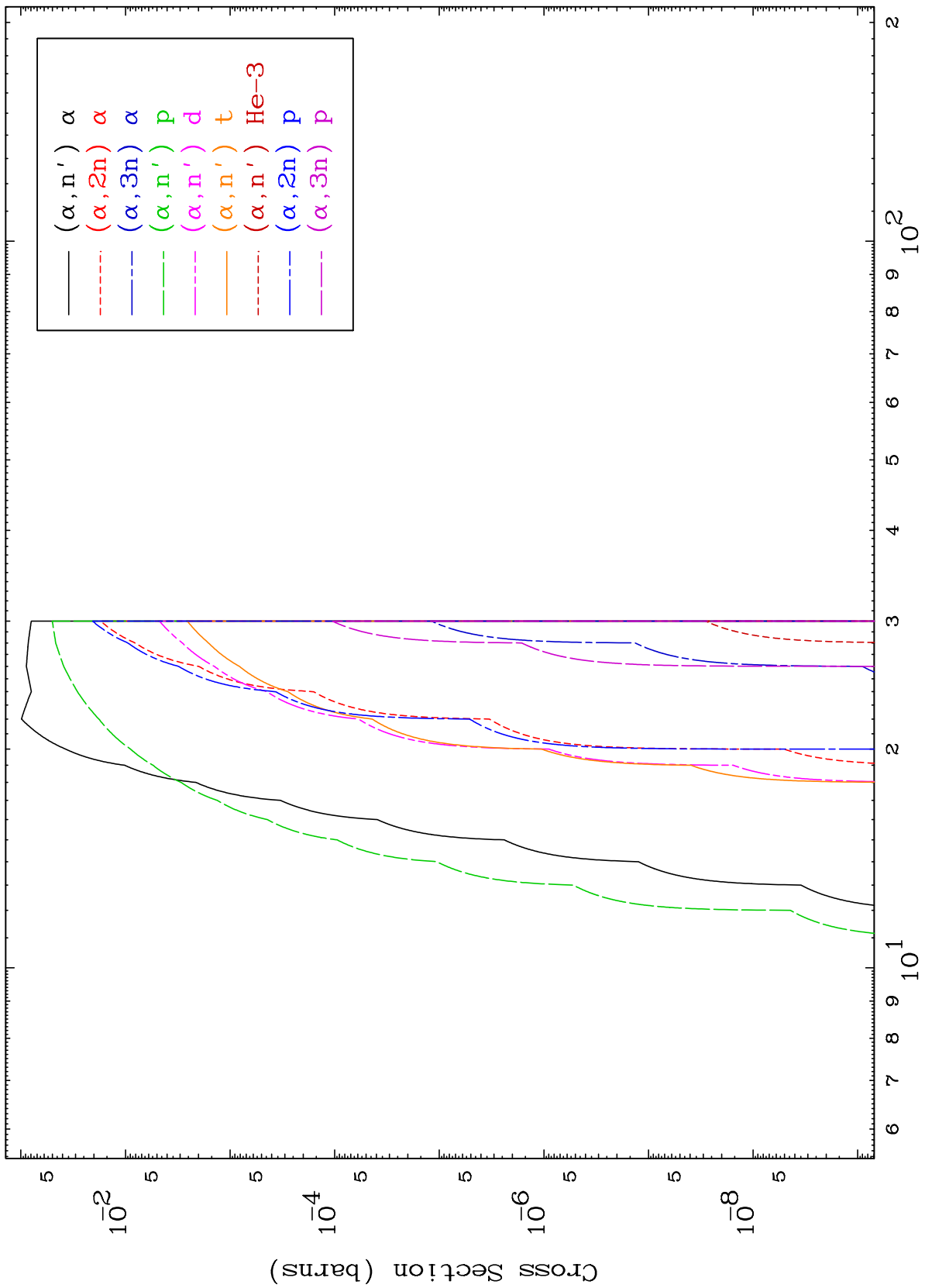
0 Kelvin Cross Sections

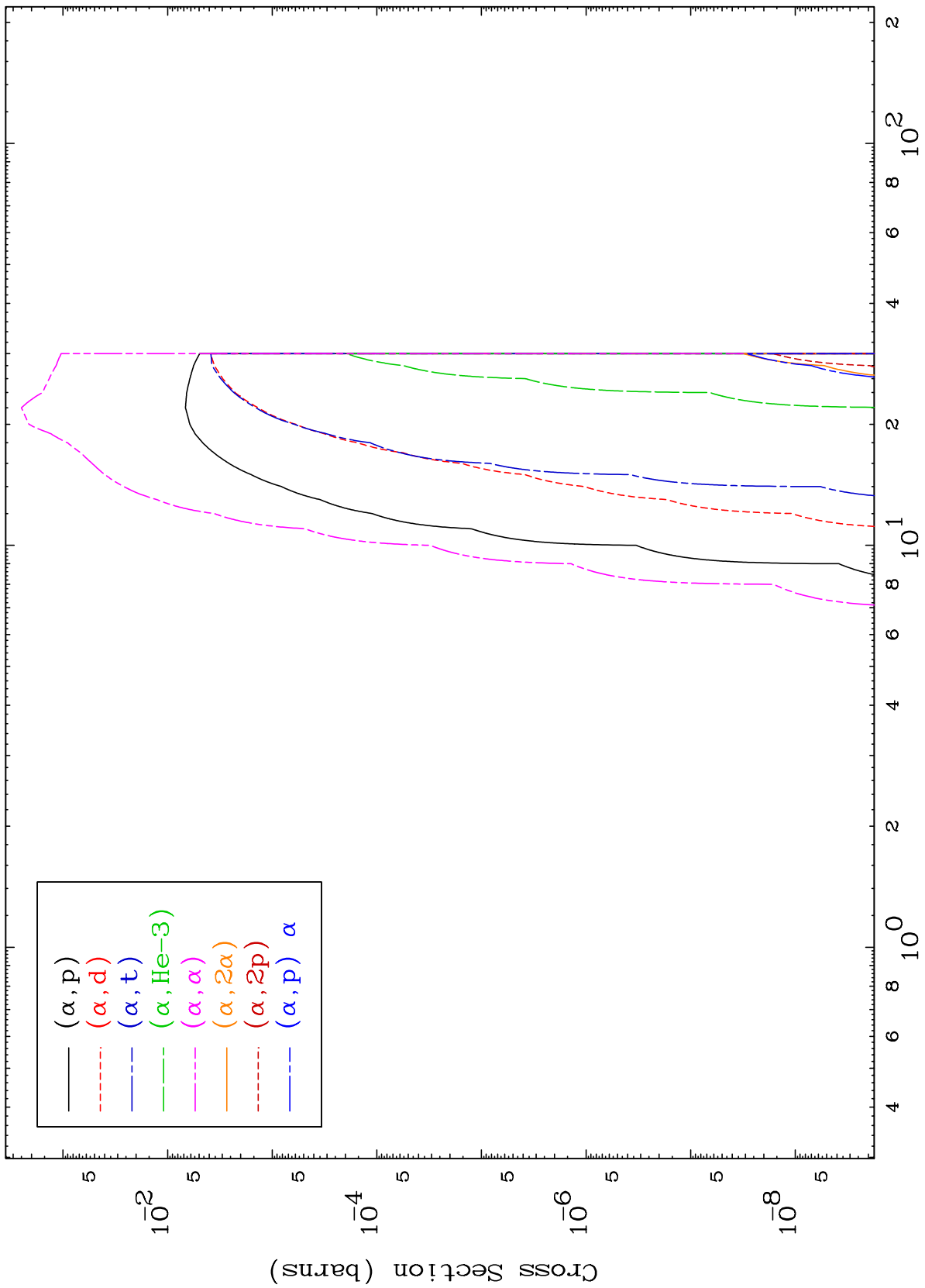


$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$







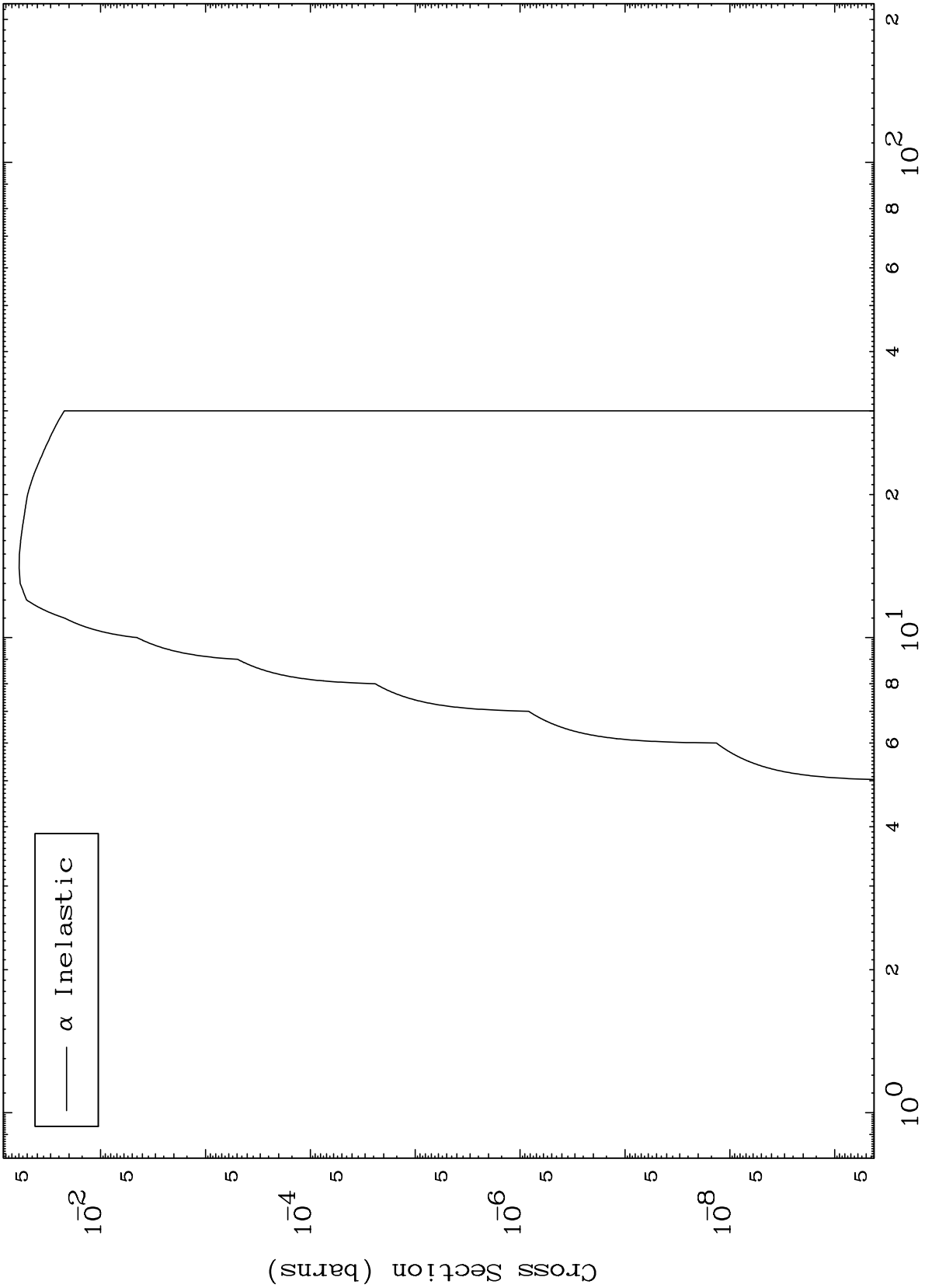


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( $\alpha, n'$ ) Level

41-Nb-100

0 Kelvin Cross Sections



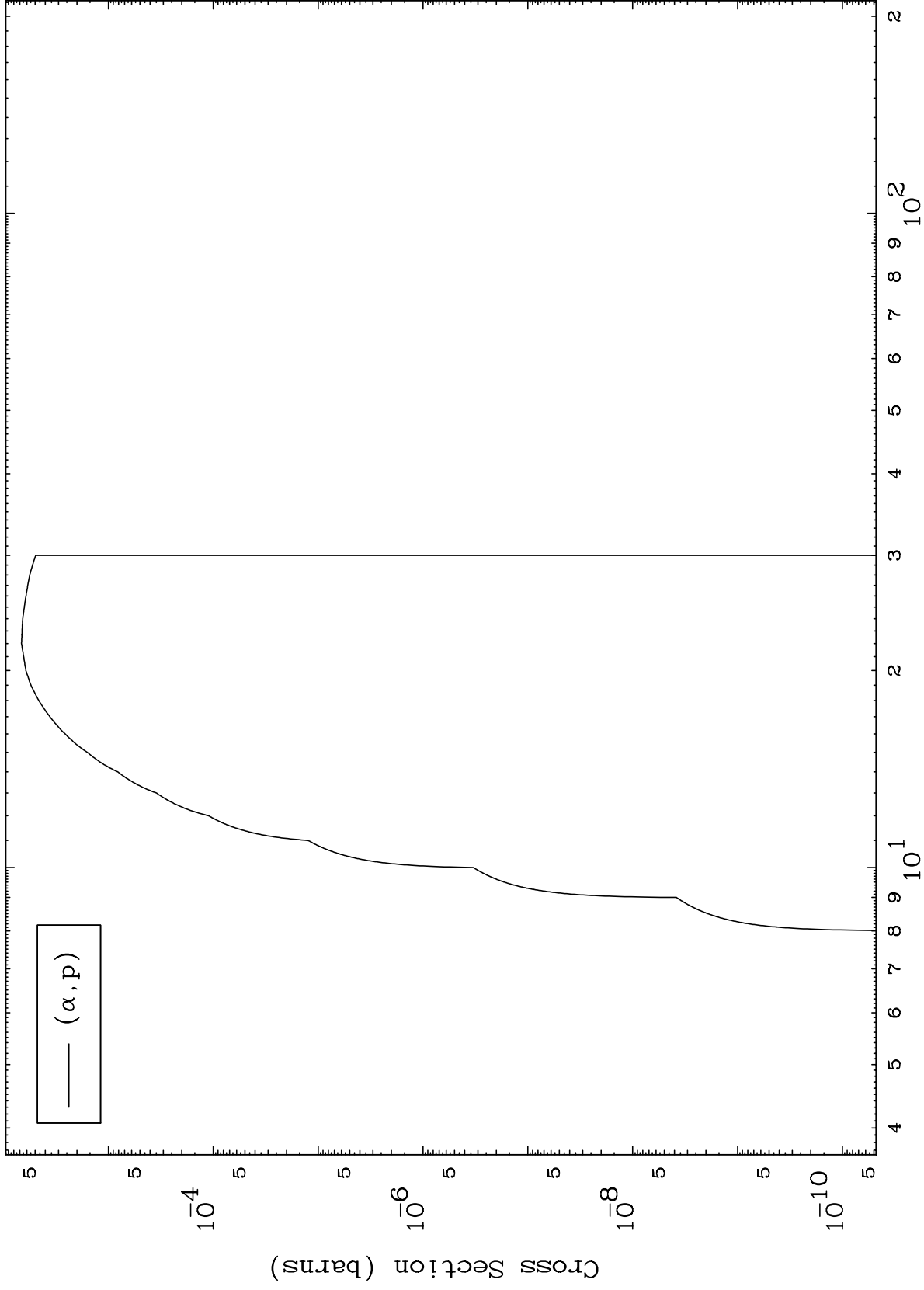
Incident Energy (MeV)

41-Nb-100

MAT 4146

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

41-Nb-100



7

Incident Energy (MeV)

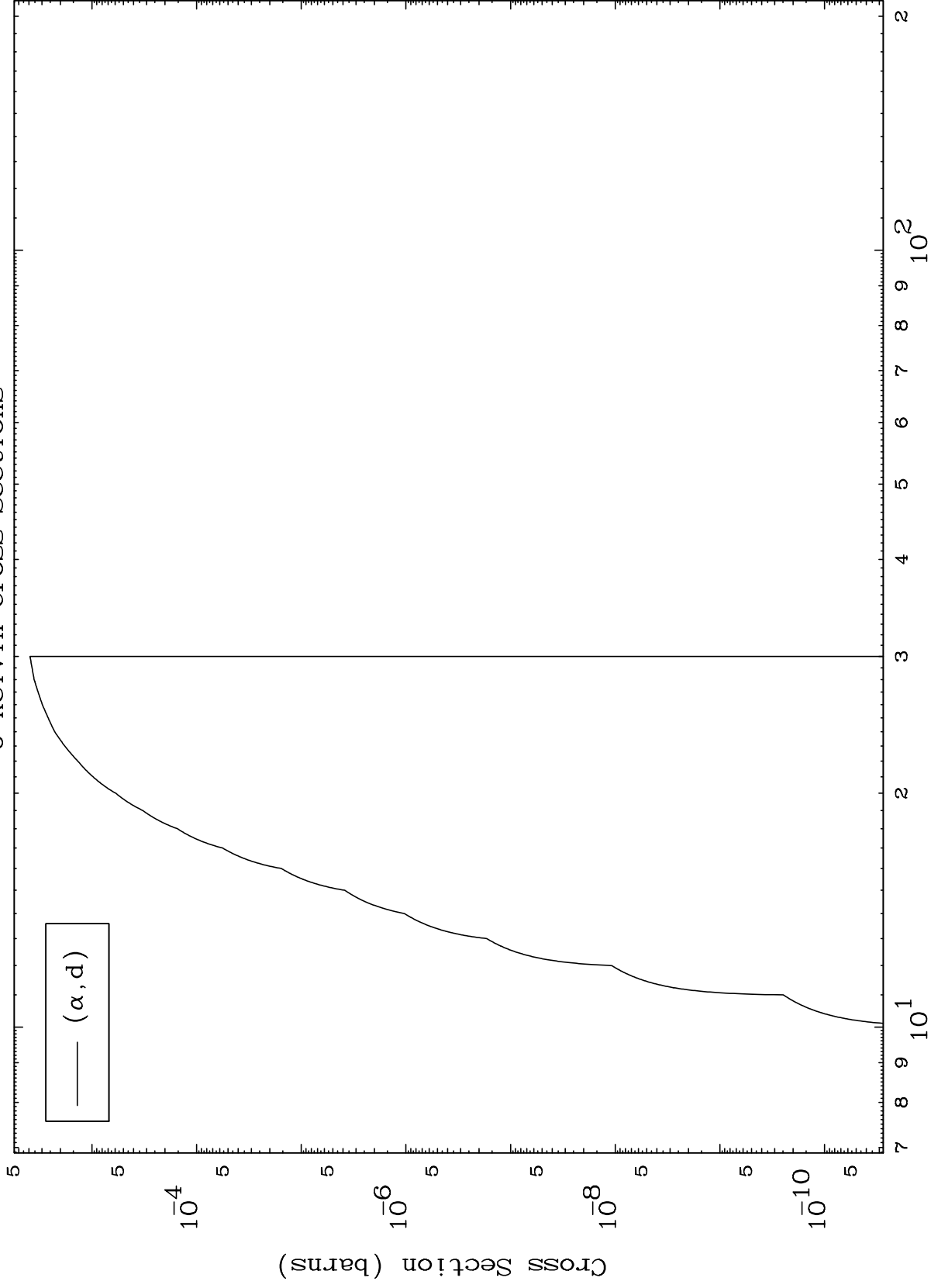
41-Nb-100



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

41-Nb-100



8

Incident Energy (MeV)

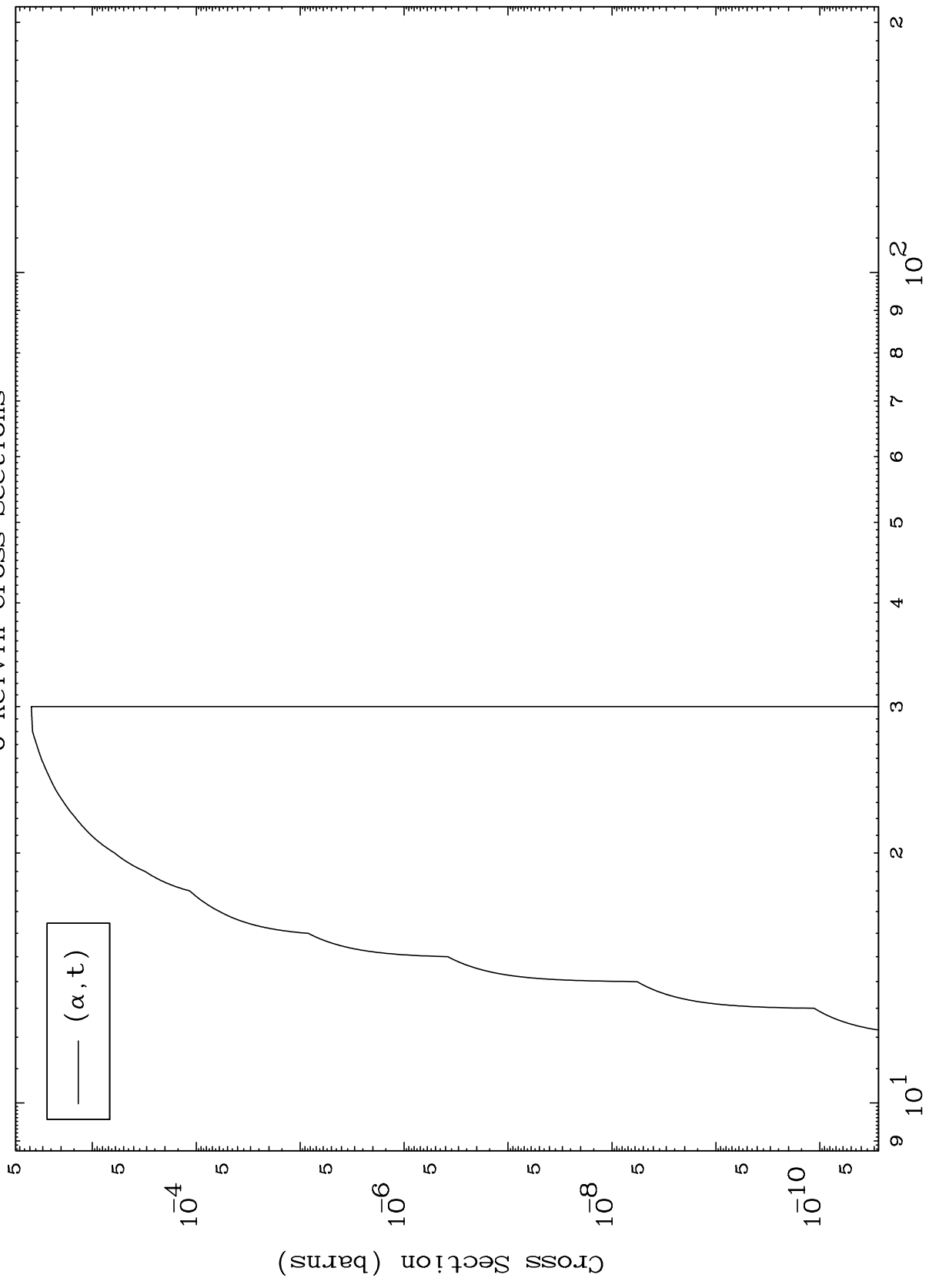
41-Nb-100

MAT 4146

( $\alpha, t$ ) Levels

41-Nb-100

0 Kelvin Cross Sections



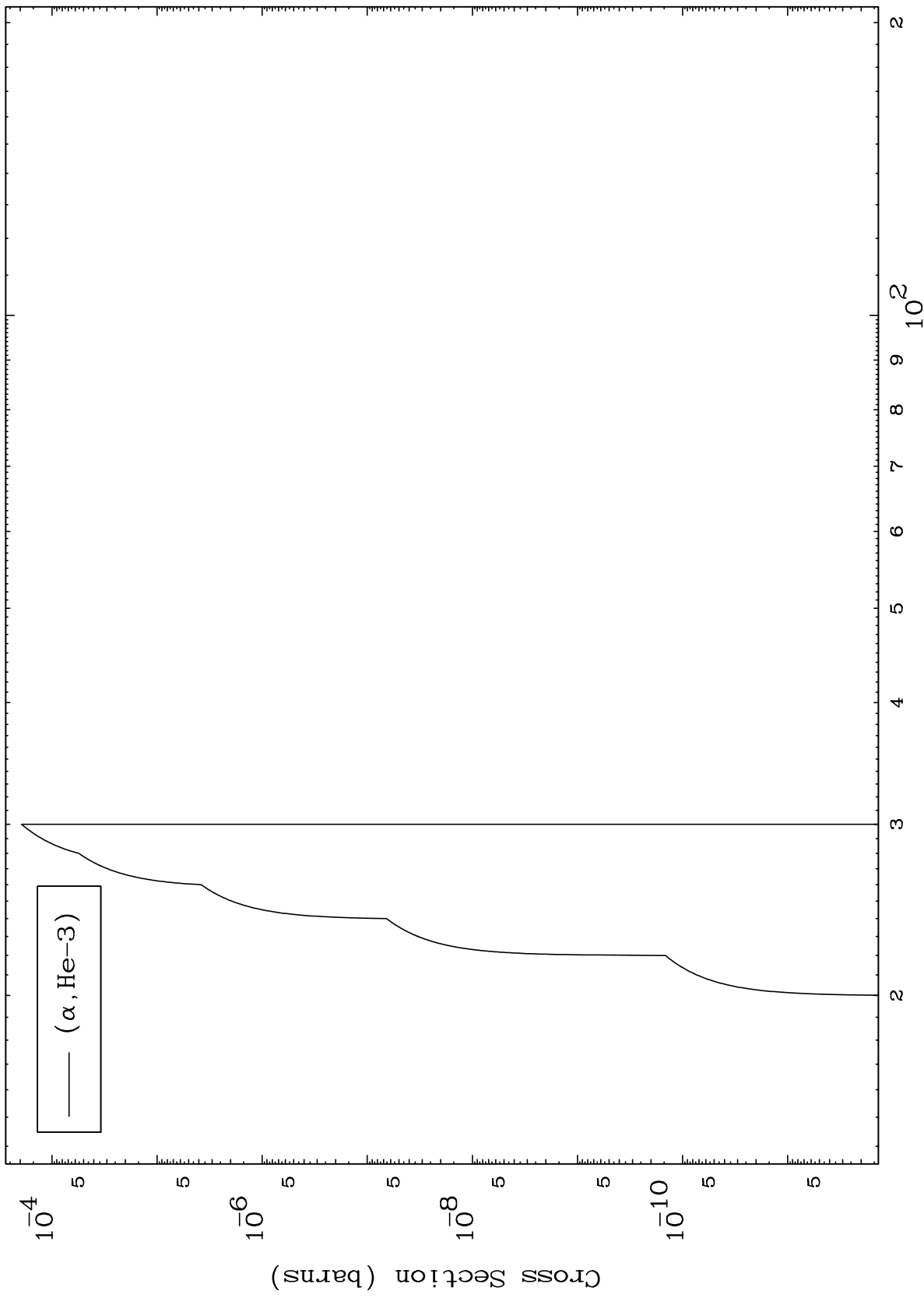
Incident Energy (MeV)

41-Nb-100

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

41-Nb-100



10

Incident Energy (MeV)

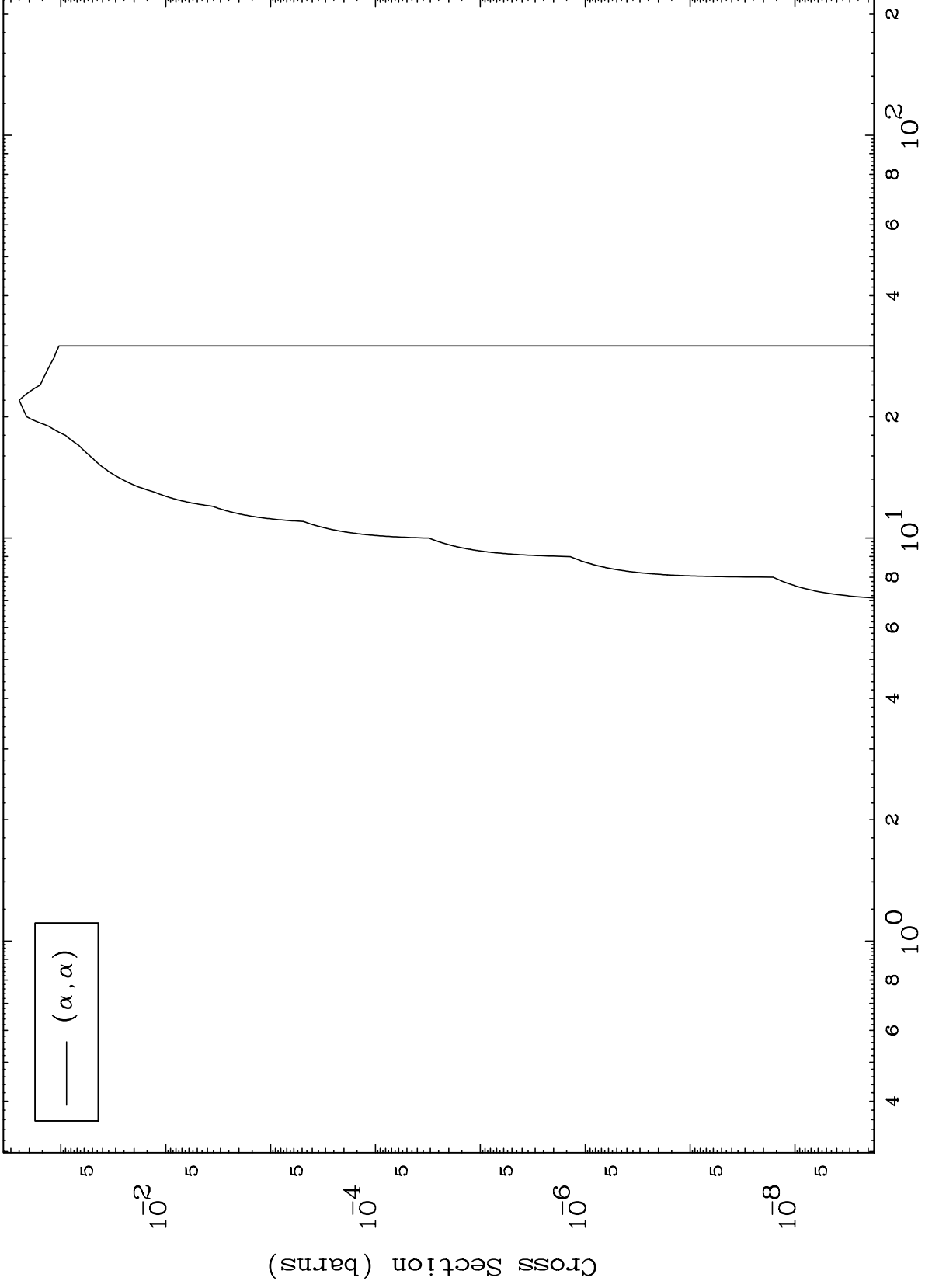
41-Nb-100

MAT 4146

( $\alpha, \alpha$ ) Levels

41-Nb-100

0 Kelvin Cross Sections



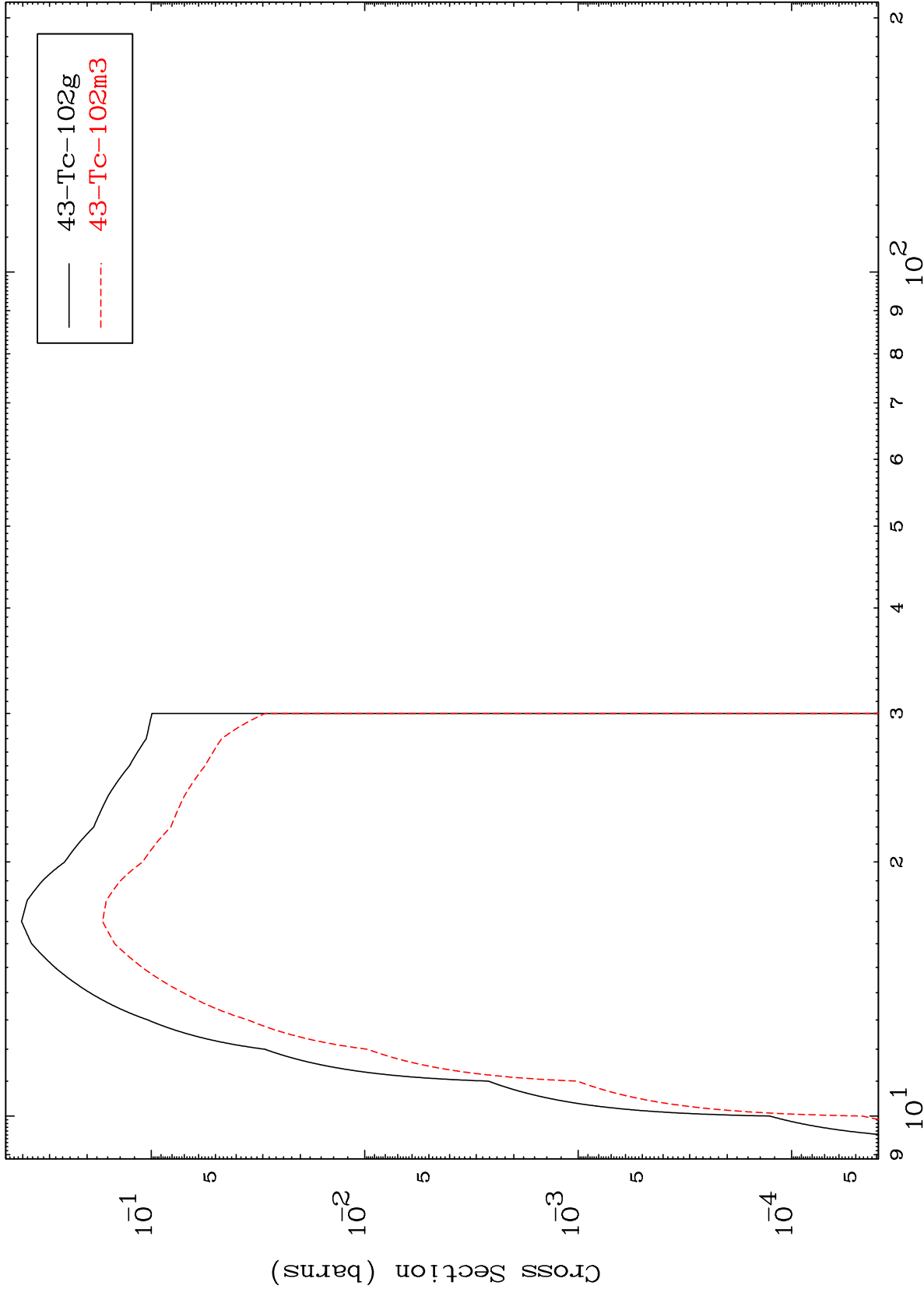
( $\alpha, \alpha$ )

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( $\alpha, 2n$ )

41-Nb-100

Radionuclide Production Cross Section



12

Incident Energy (MeV)

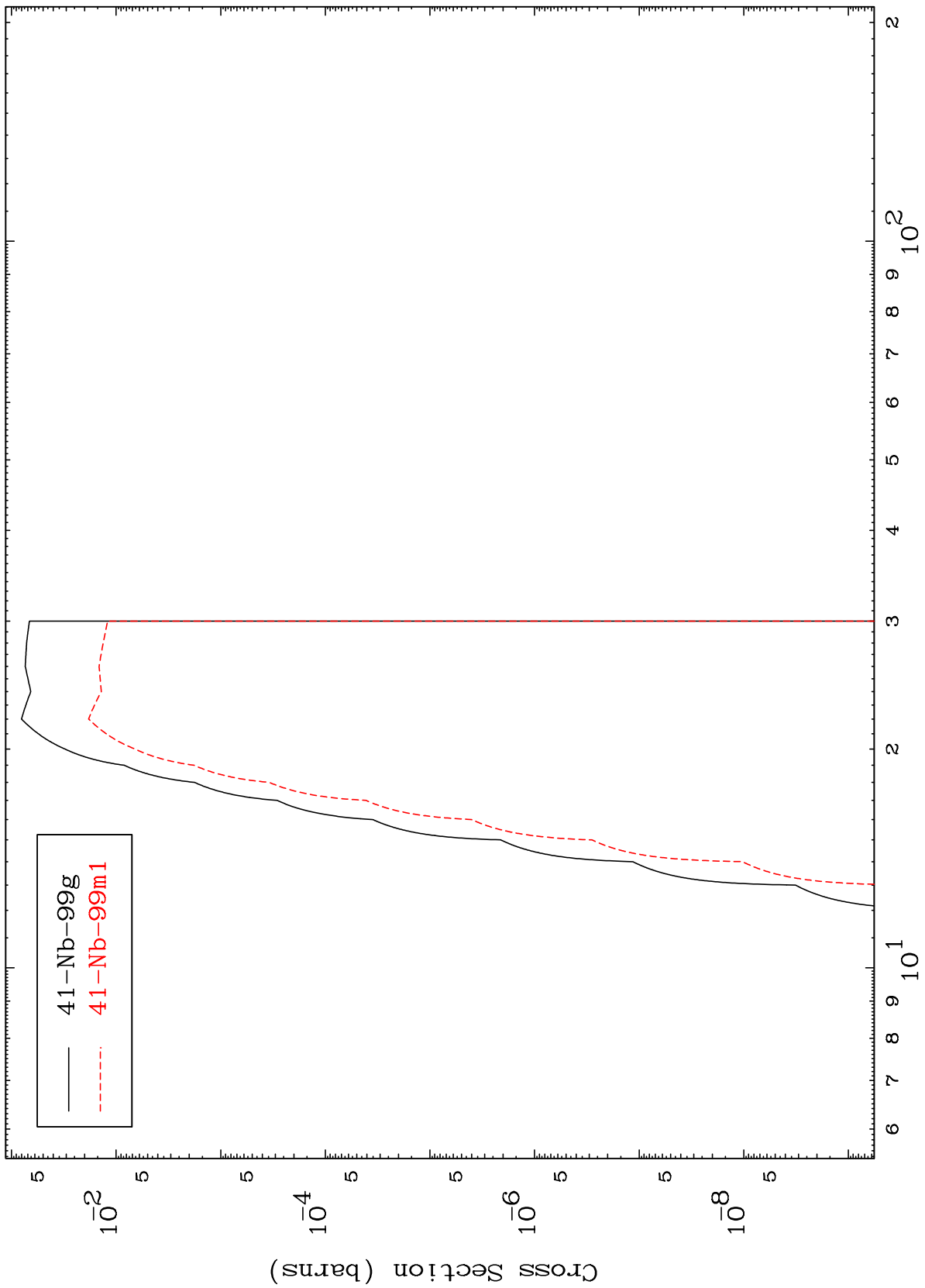
41-Nb-100

MAT 4146

41-Nb-100

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

Radionuclide Production Cross Section



13

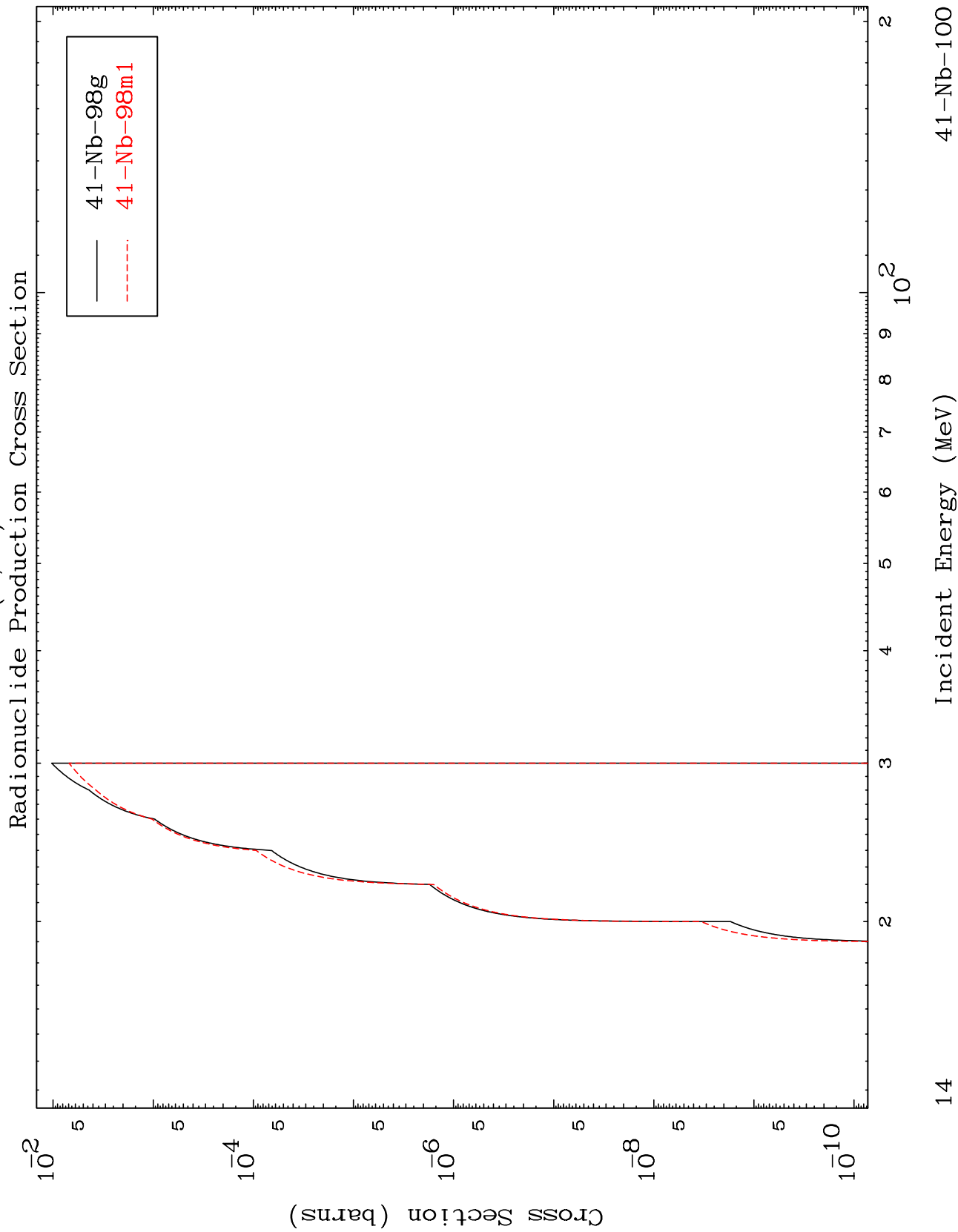
Incident Energy (MeV)

41-Nb-100

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$(\alpha, 2n)$   $\alpha$

41-Nb-100



14

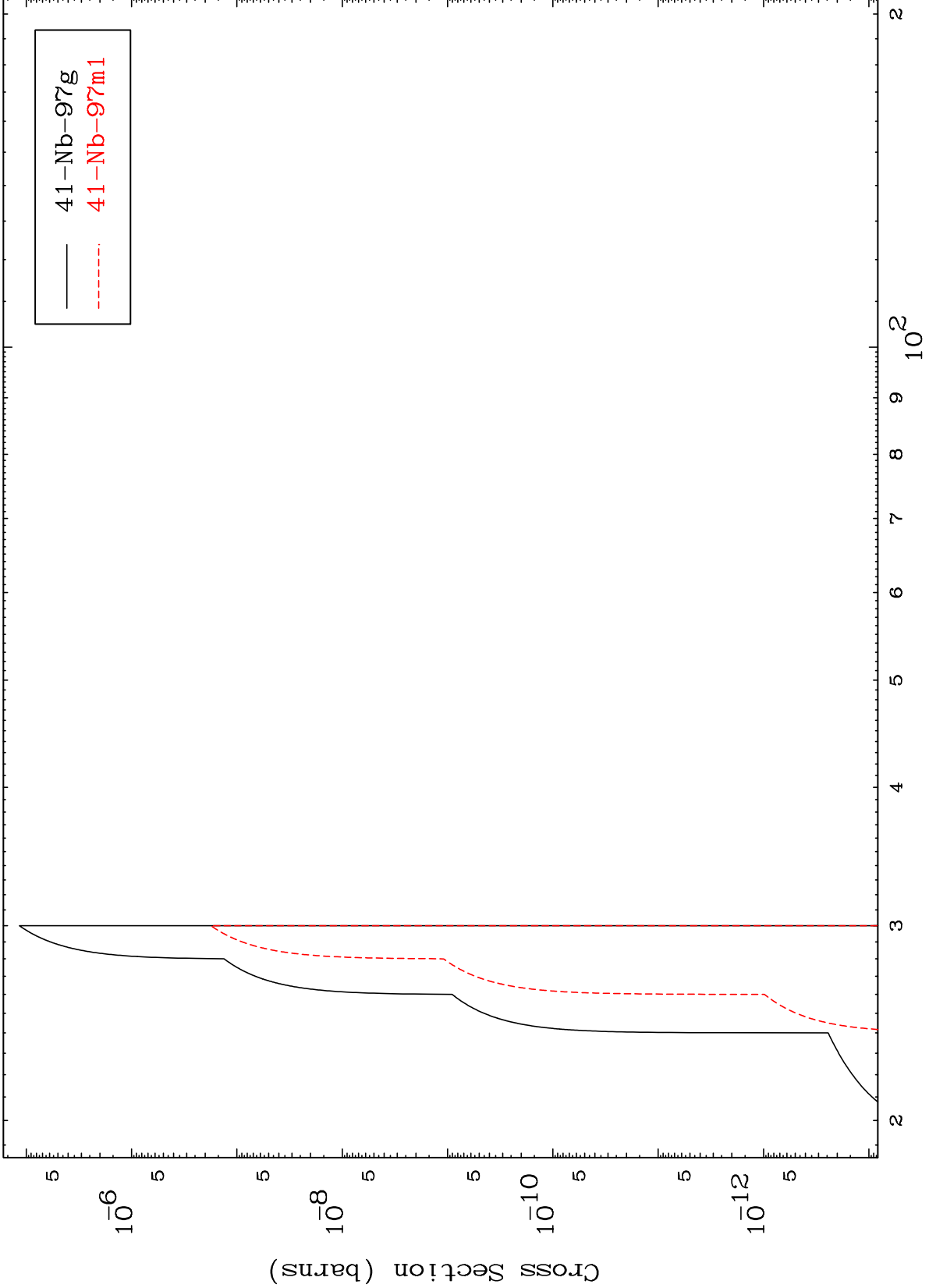
41-Nb-100

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( $\alpha, 3n$ )  $\alpha$

41-Nb-100

Radionuclide Production Cross Section



15

Incident Energy (MeV)

41-Nb-100

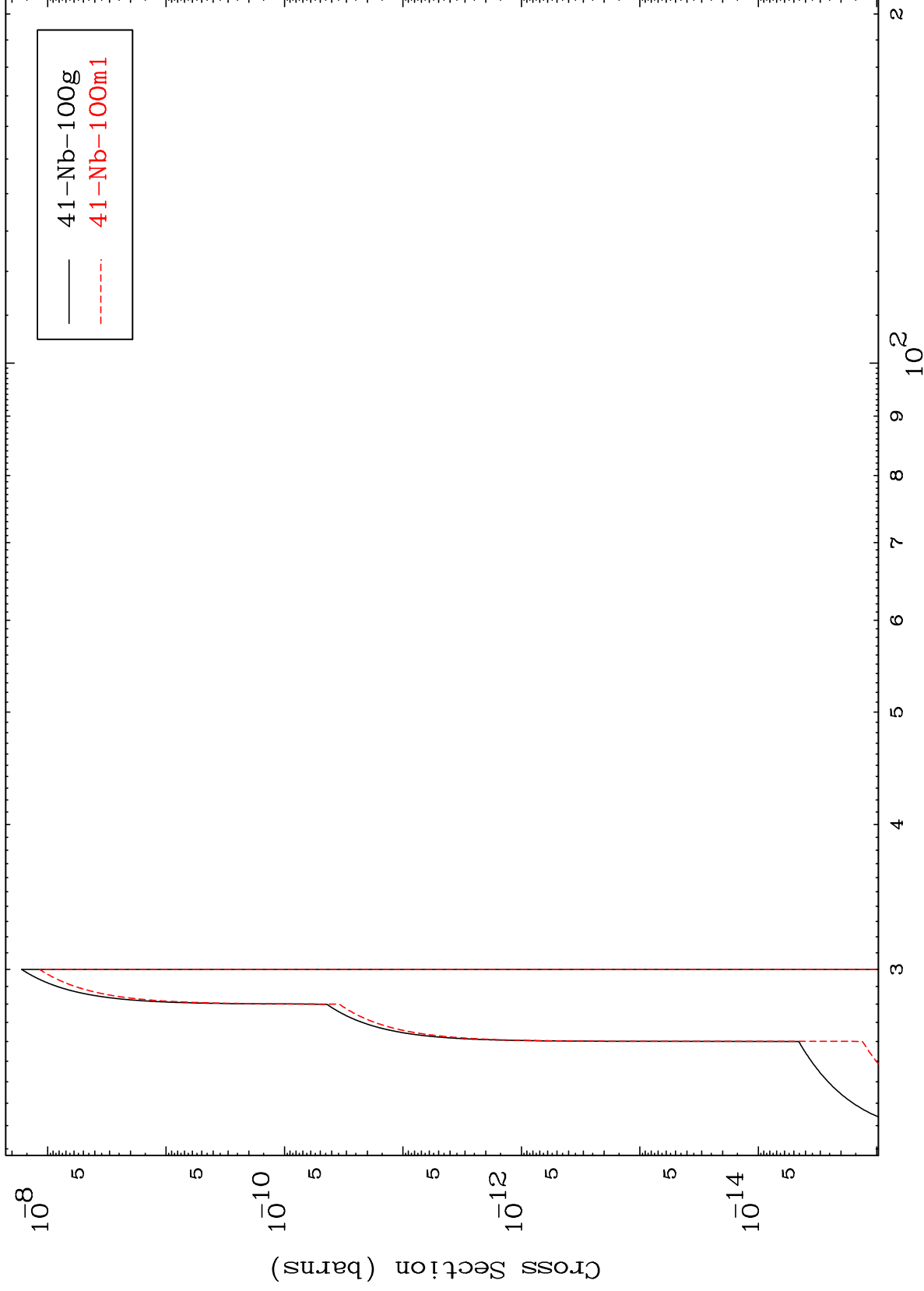


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( $\alpha, n'$ ) He-3

41-Nb-100

Radionuclide Production Cross Section



16

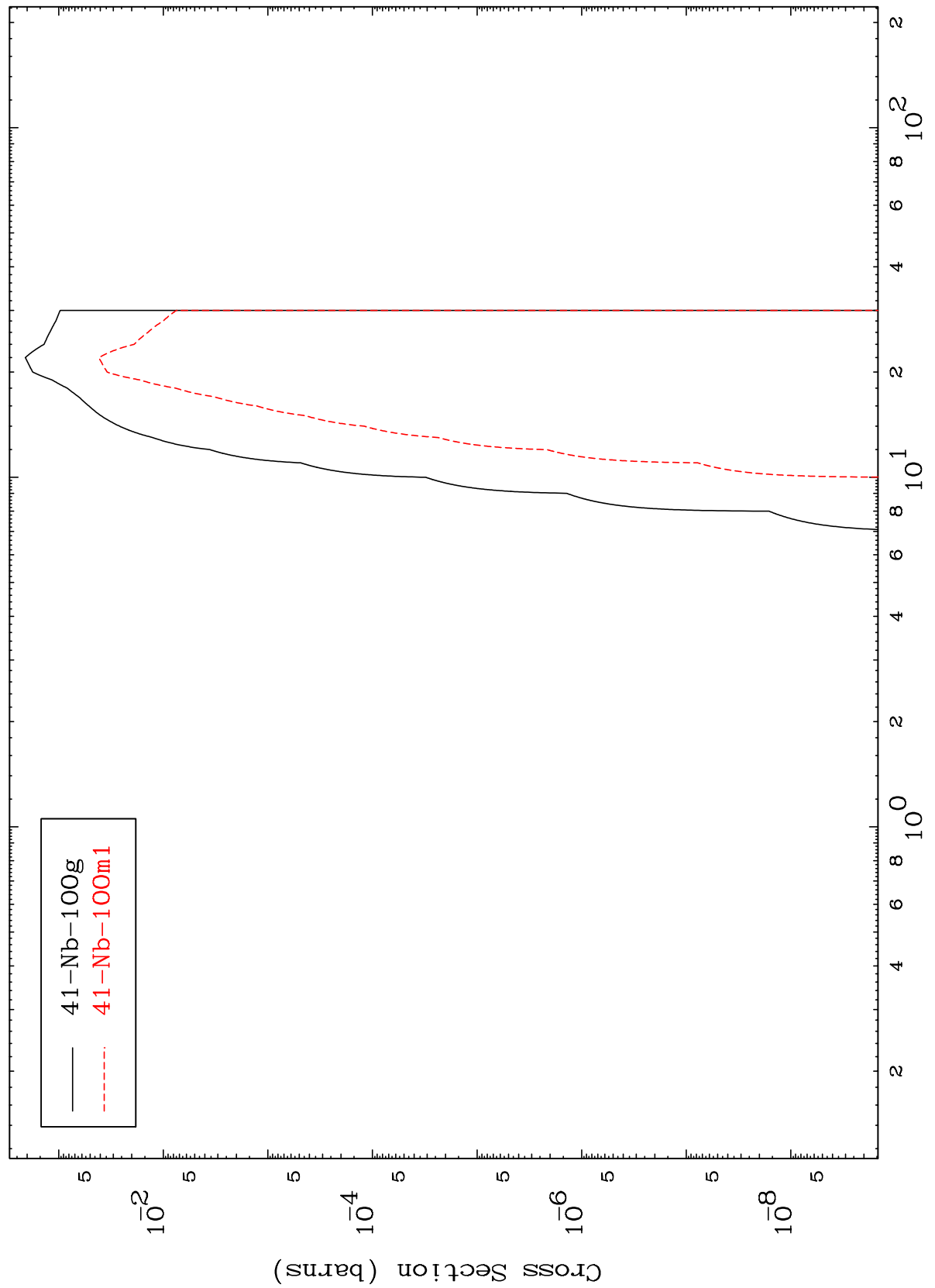
Incident Energy (MeV)

41-Nb-100

MAT 4146

41-Nb-100

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

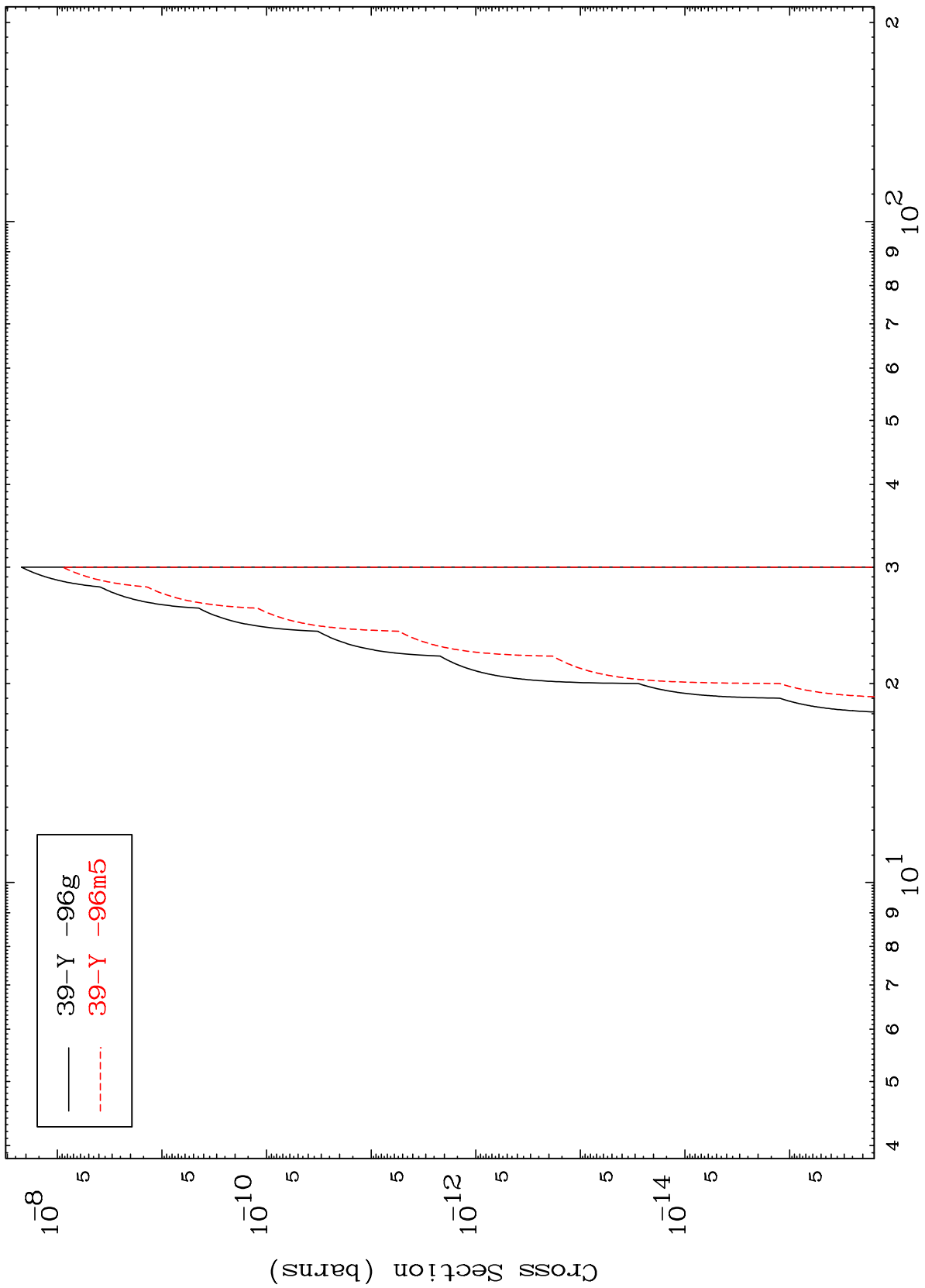


41-Nb-100g  
41-Nb-100m1

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41-Nb-100

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



— 39-Y -96g  
- - - 39-Y -96m5

18

Incident Energy (MeV)

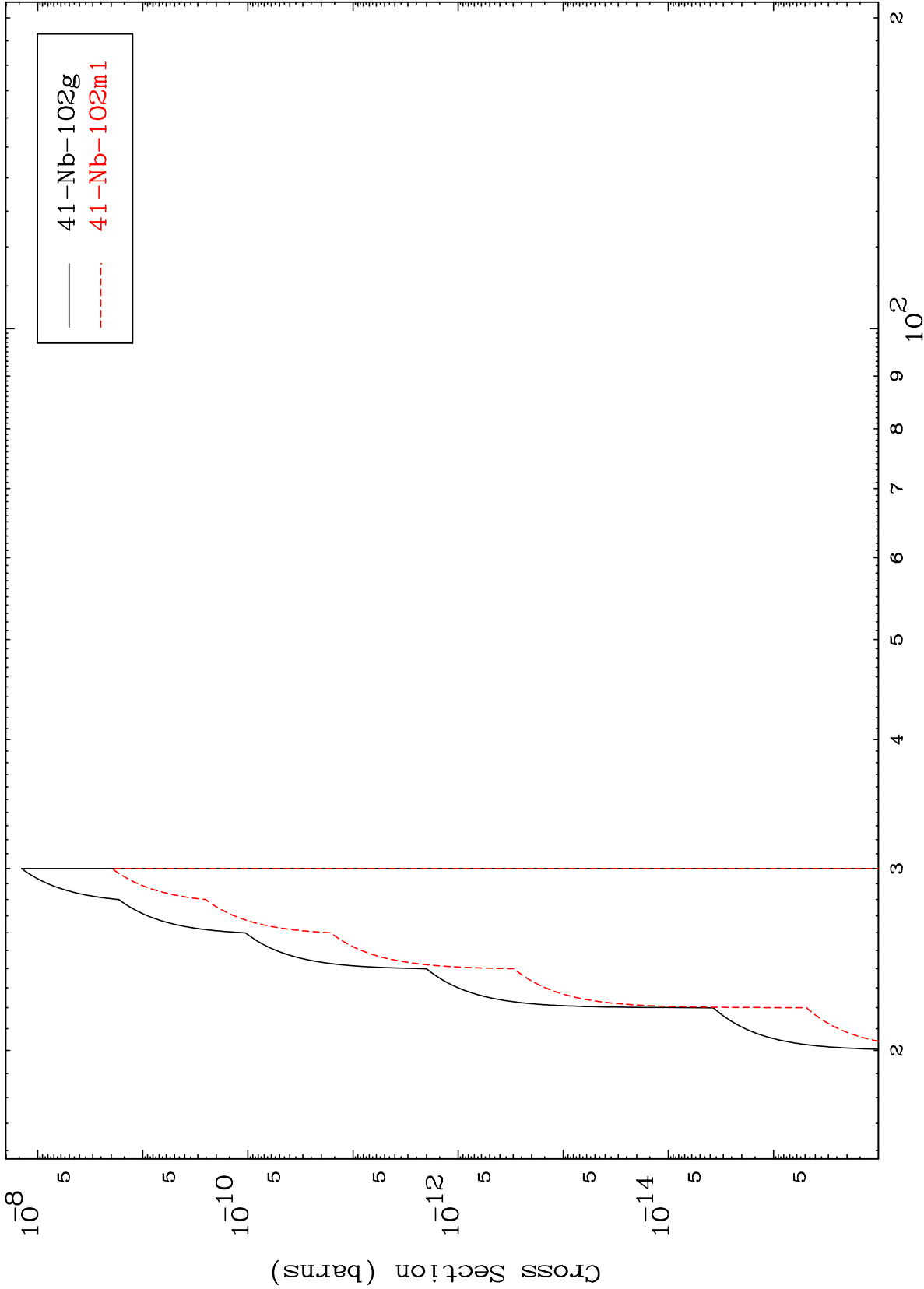
41-Nb-100

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( $\alpha, 2p$ )

41-Nb-100

Radionuclide Production Cross Section



19

Incident Energy (MeV)

41-Nb-100