

Program EVALPLOT  
(Version 2021-1)

by

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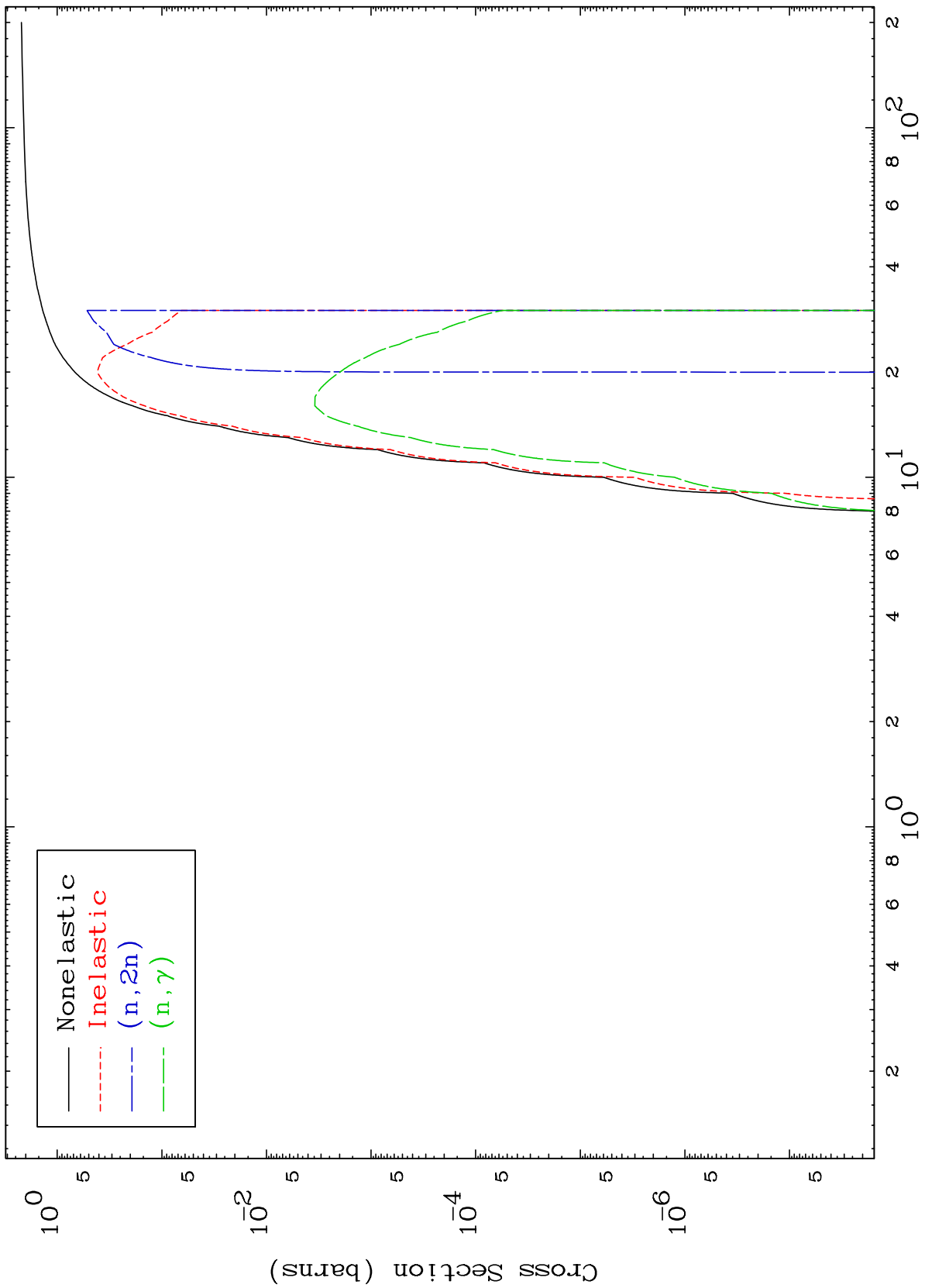
Press Mouse Button to Start

MAT 5304

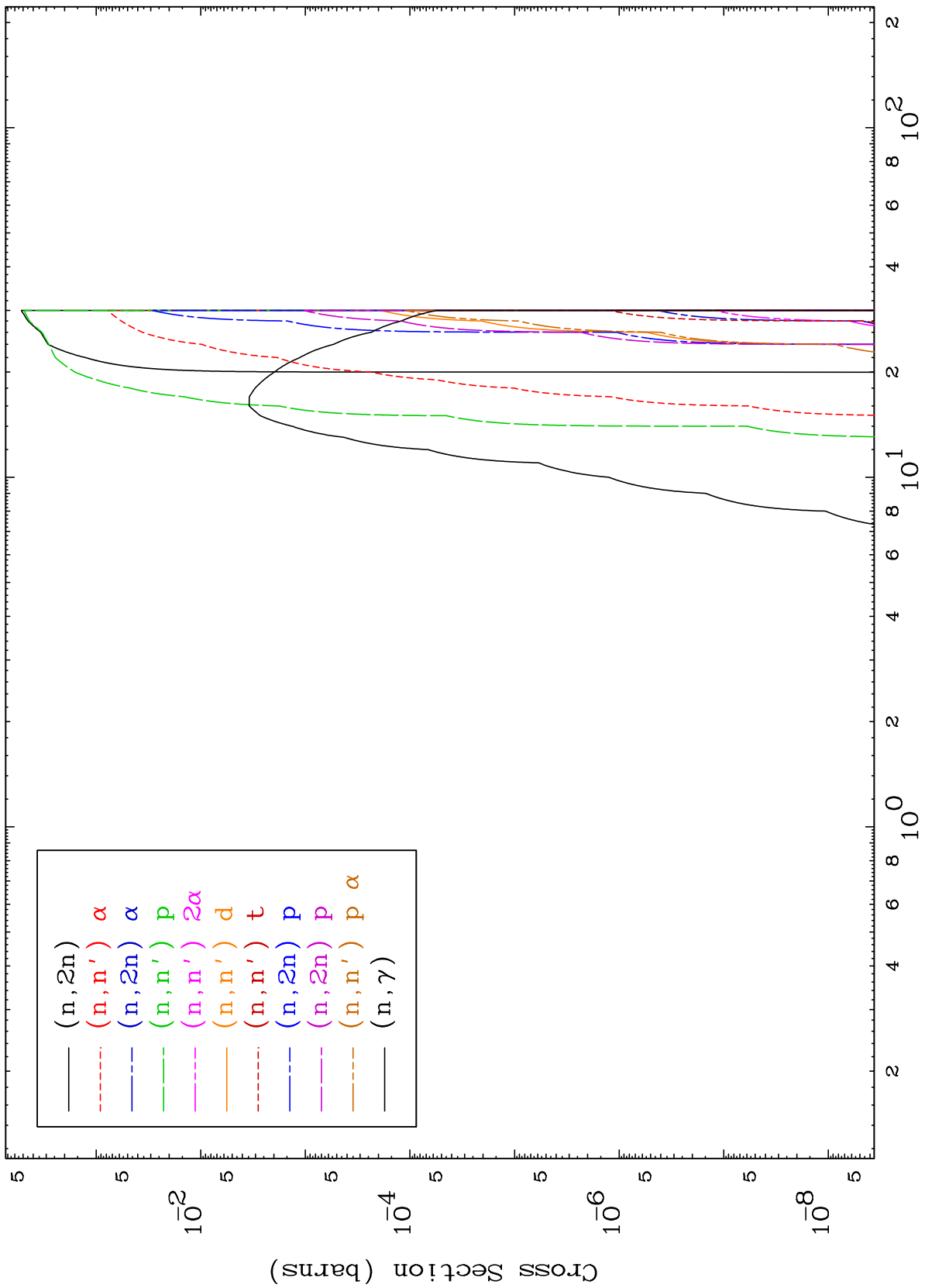
$\alpha$  Major

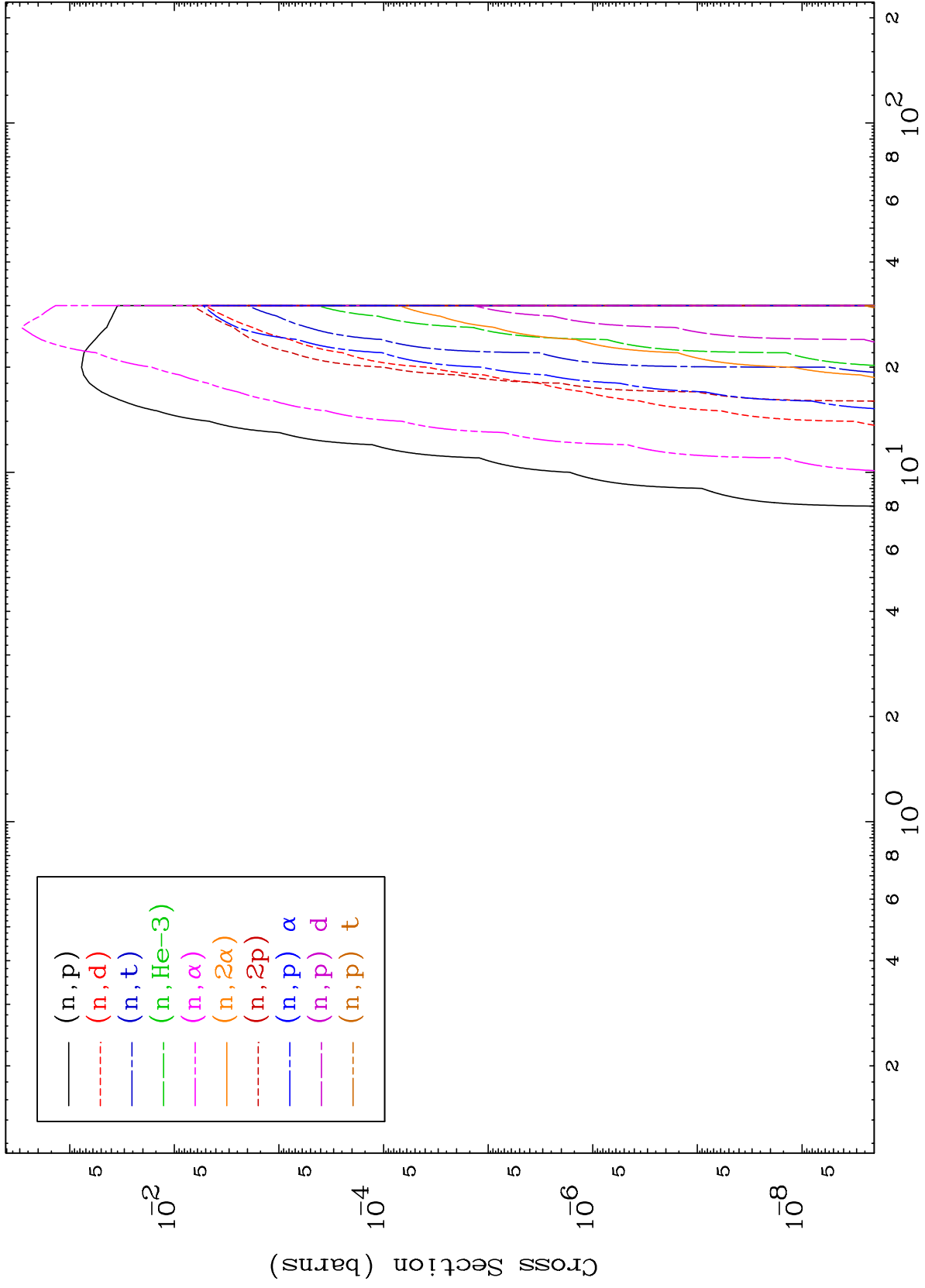
53-I -120

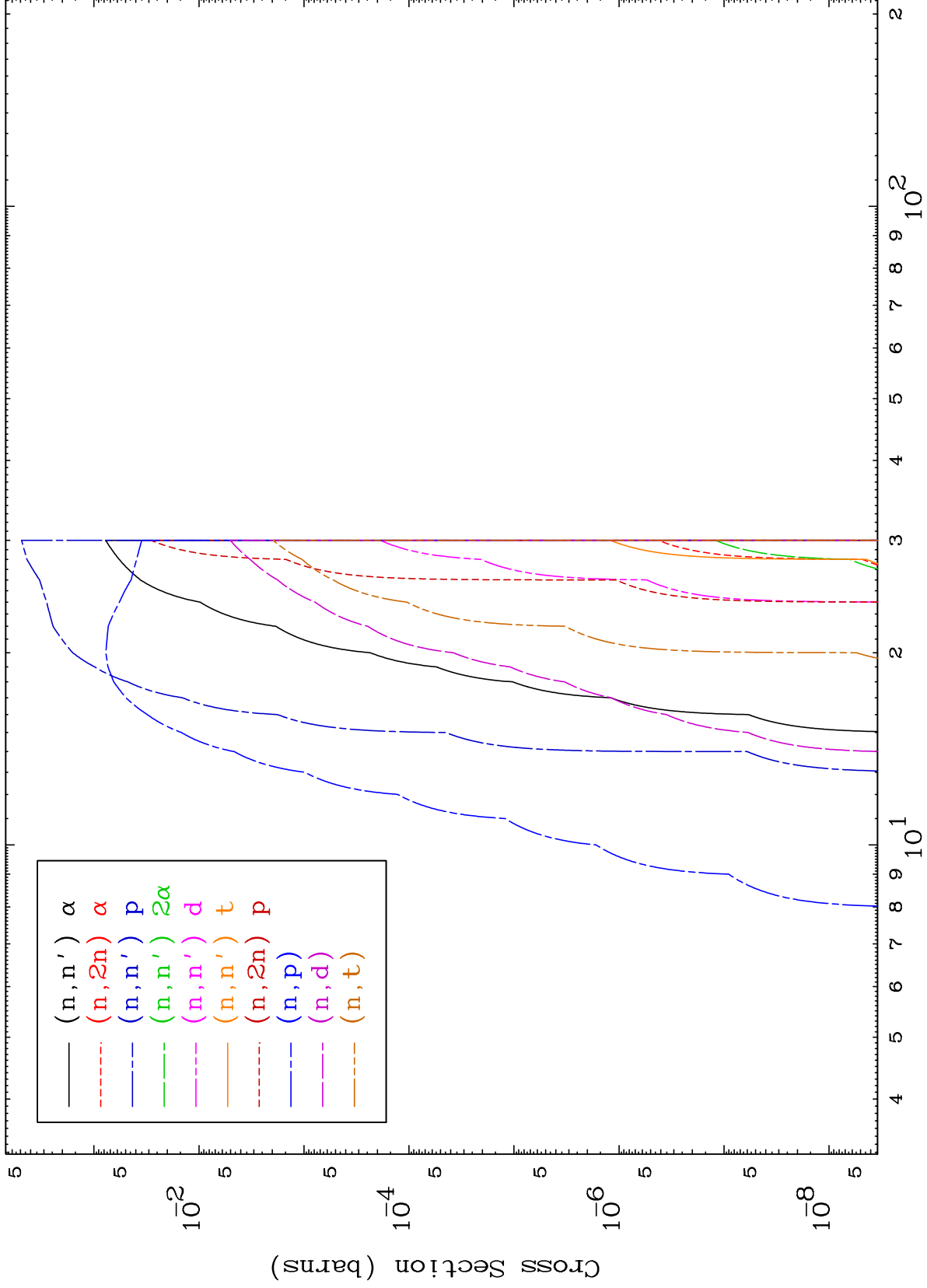
0 Kelvin Cross Sections

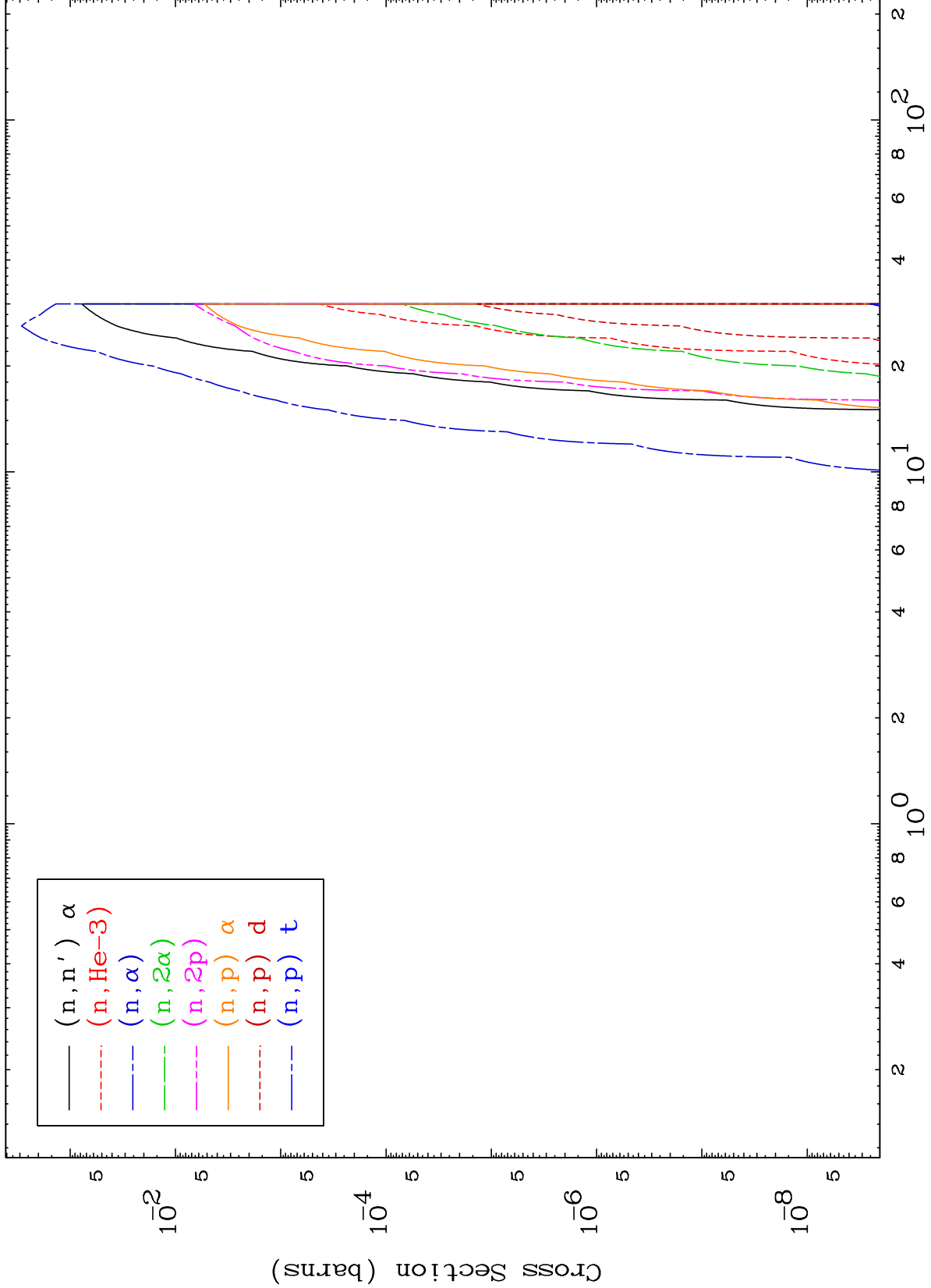


Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n,  $\gamma$ )





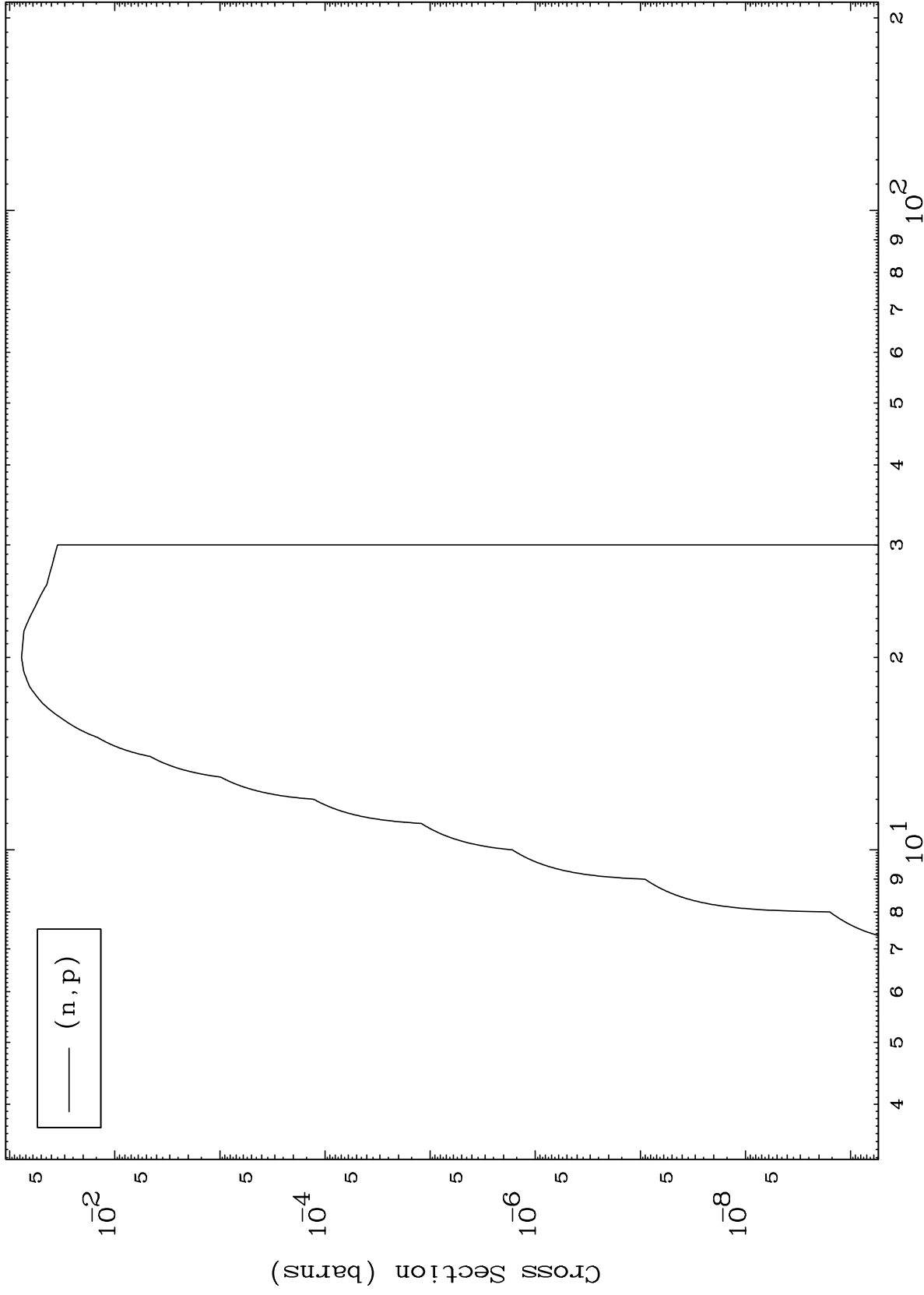




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( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

53-I -120



6

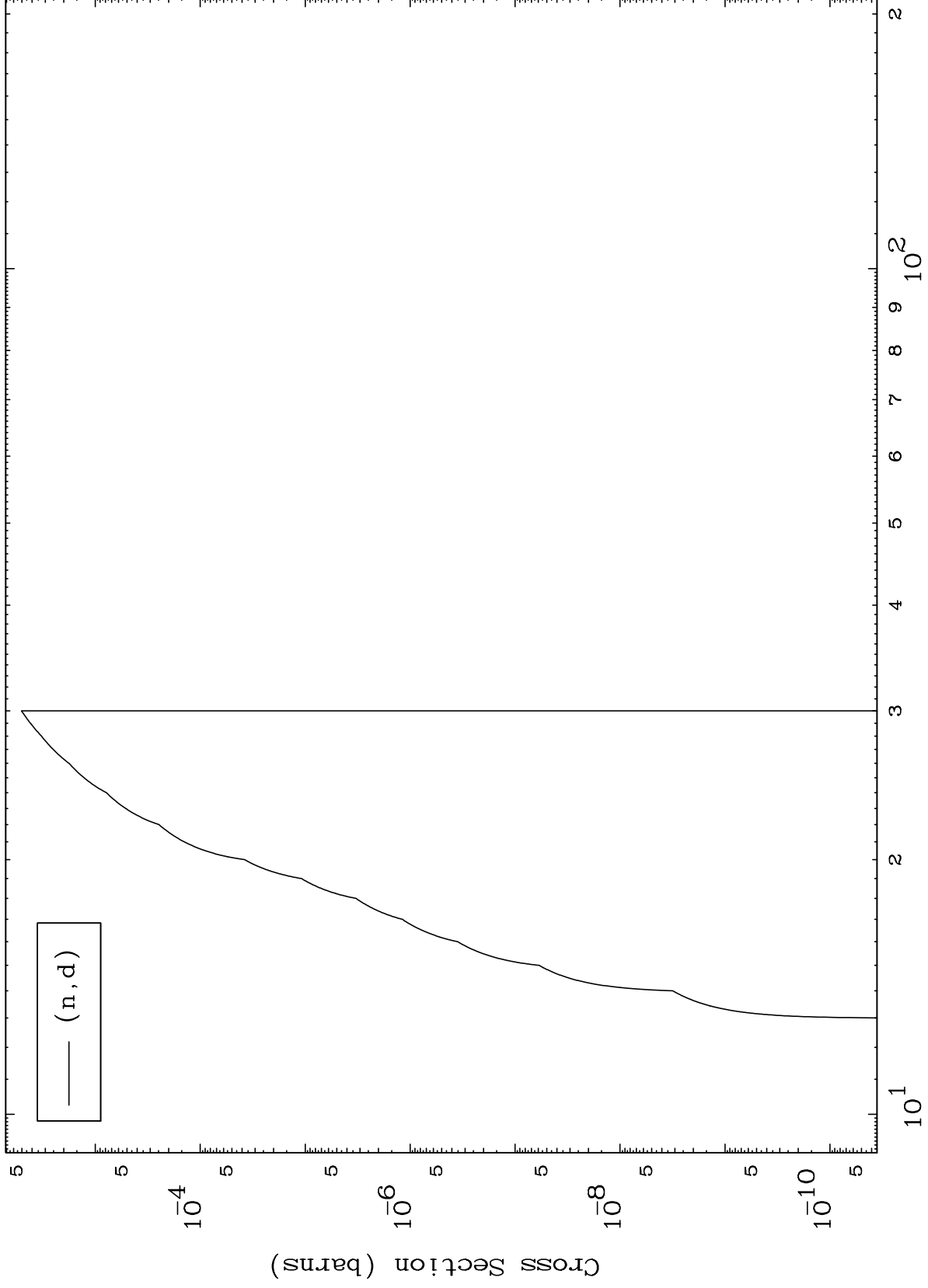
Incident Energy (MeV)

53-I -120

MAT 5304

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

53-I -120

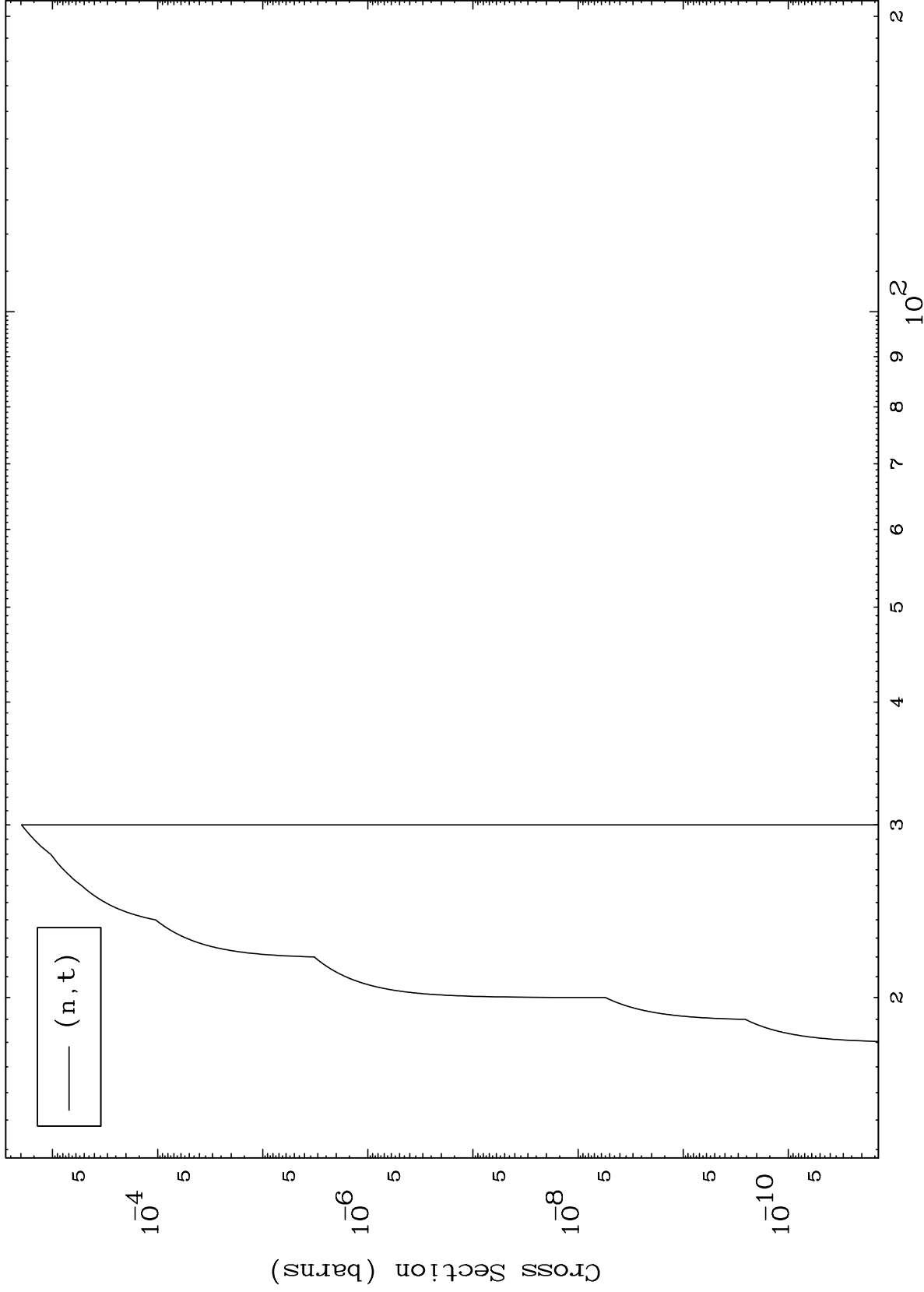


Incident Energy (MeV)

53-I -120

7

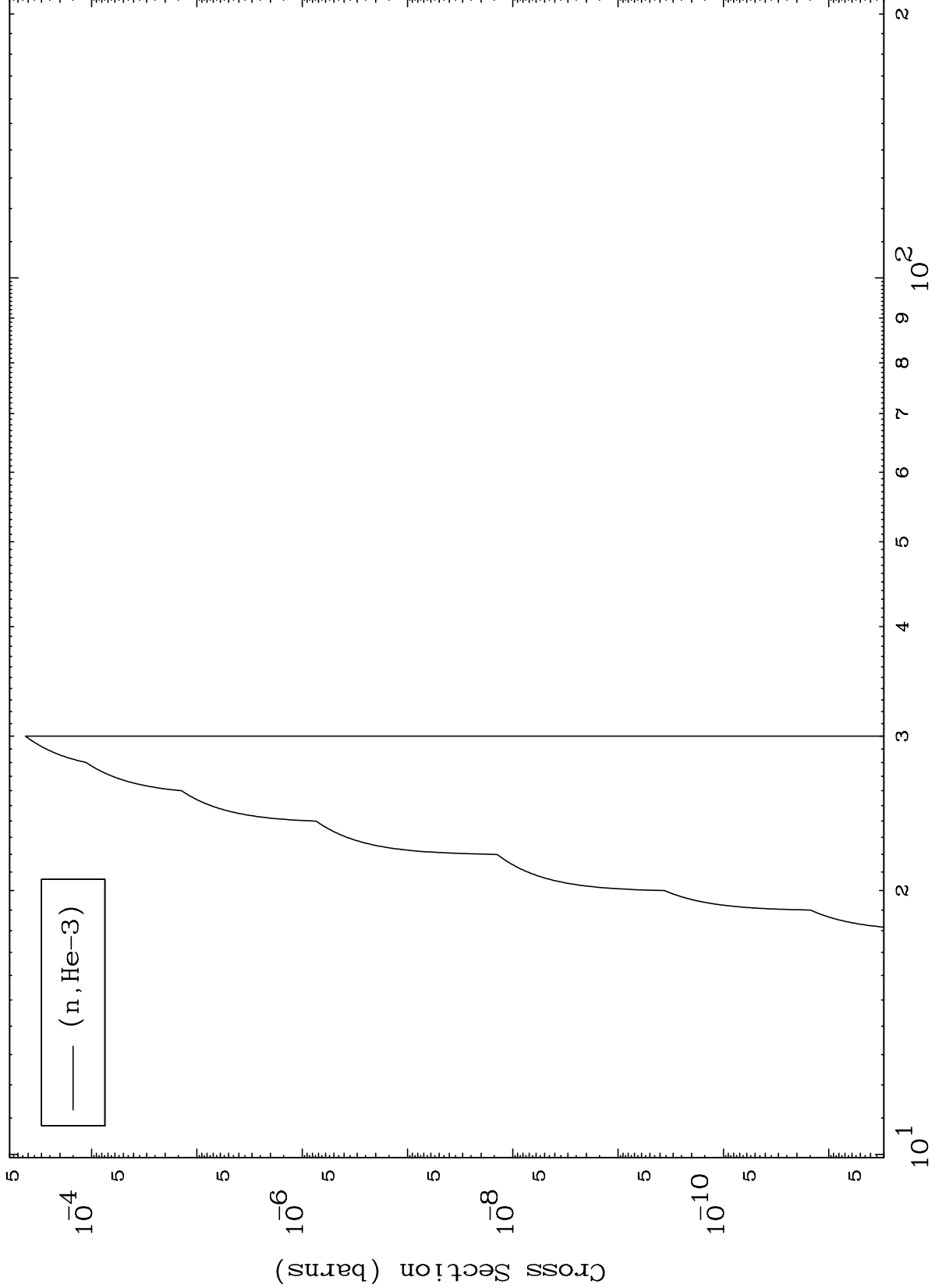




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( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

53-I -120



Incident Energy (MeV)

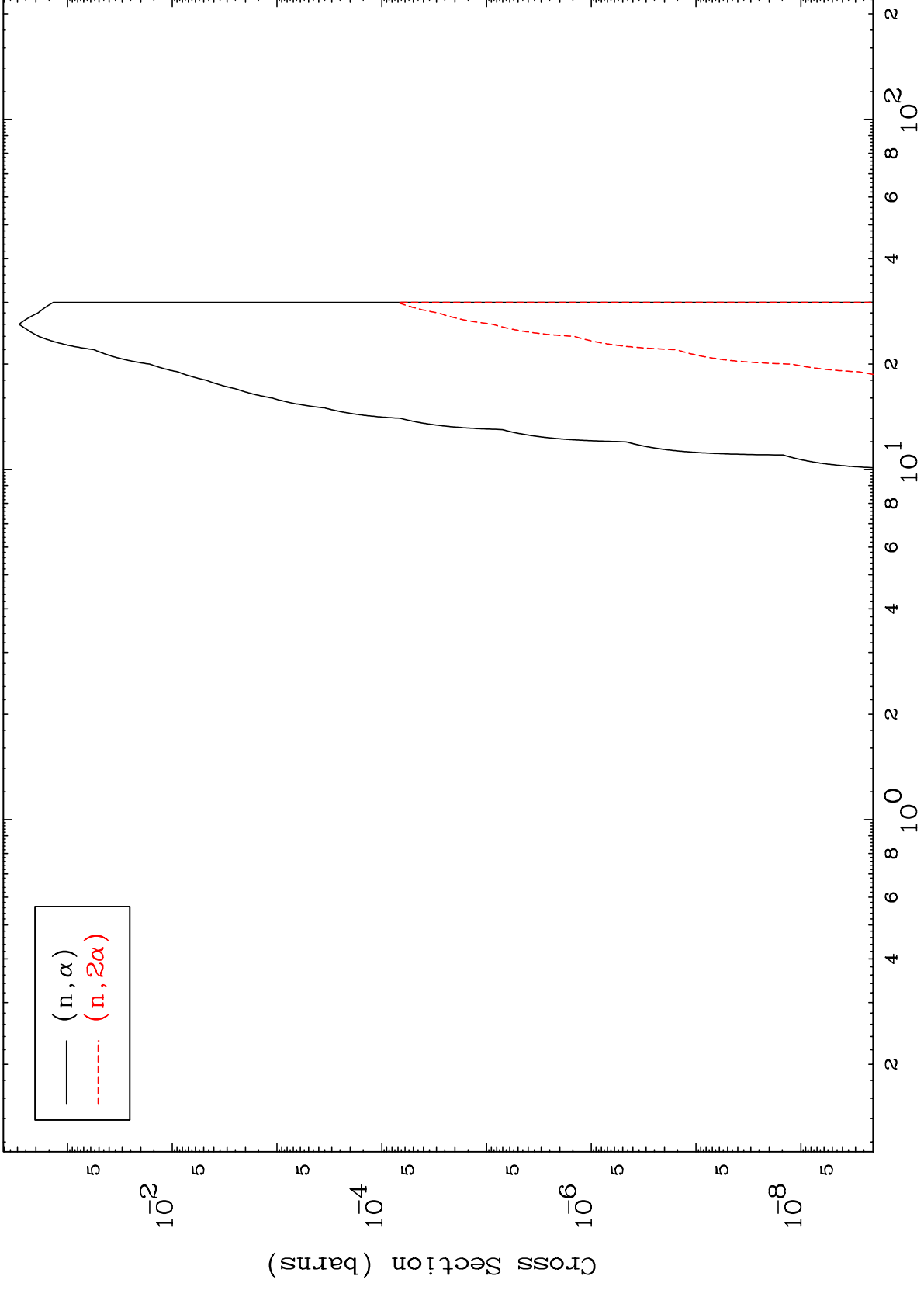
53-I -120

MAT 5304

( $\alpha, \alpha$ ) Levels

53-I -120

0 Kelvin Cross Sections



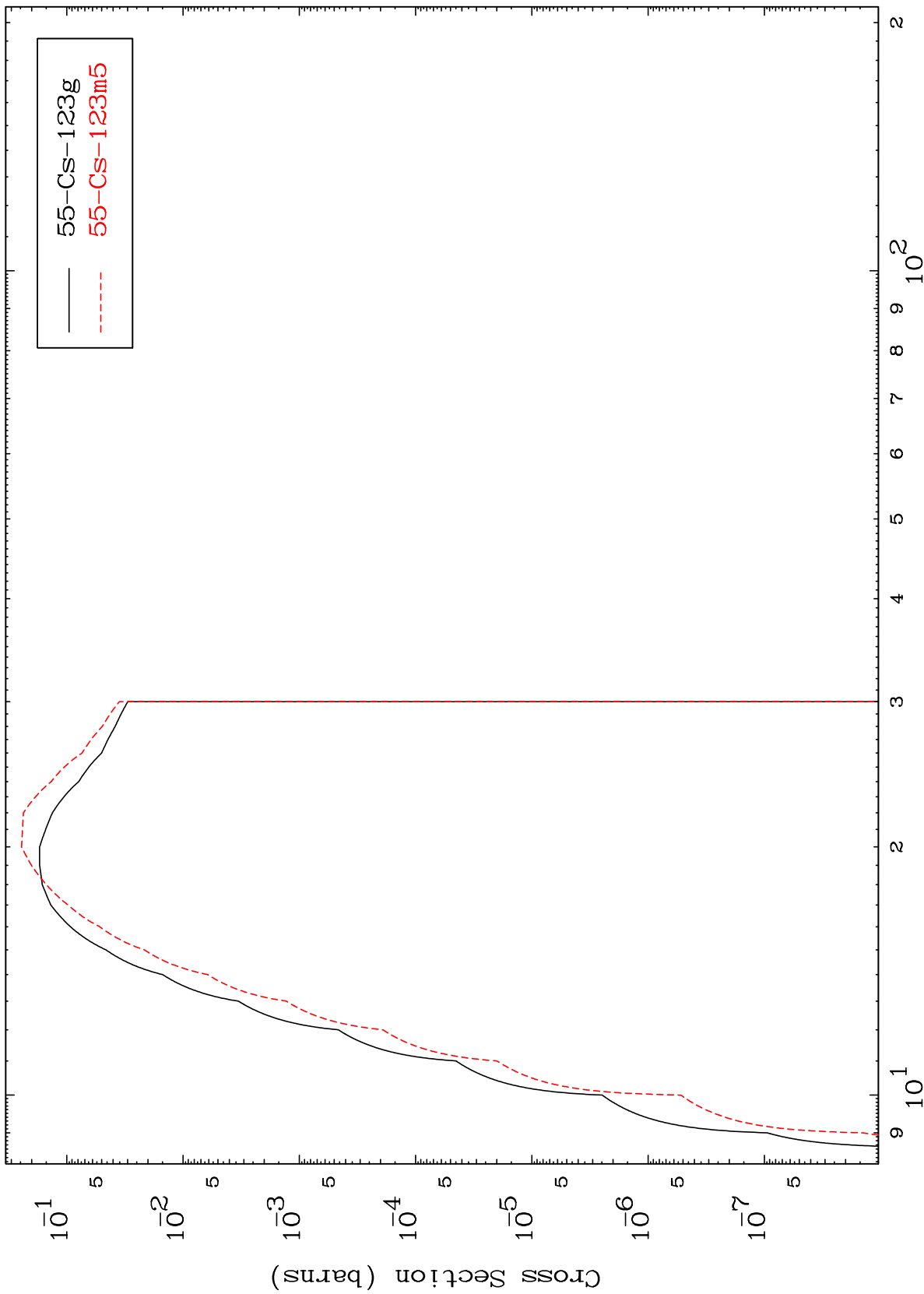
— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

53-I -120

Inelastic  
Radionuclide Production Cross Section

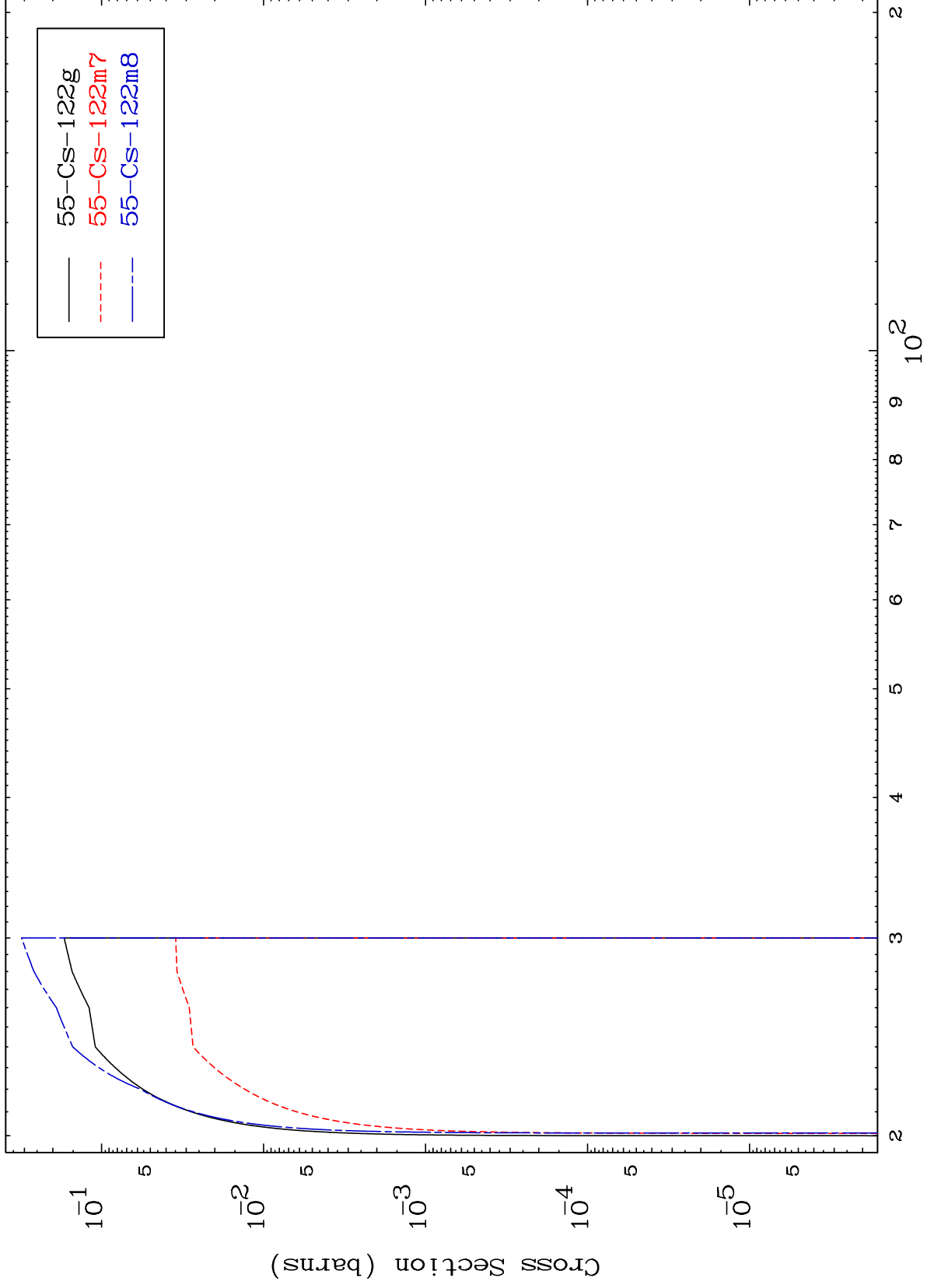


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(n,2n)

53-I -120

Radionuclide Production Cross Section



12

Incident Energy (MeV)

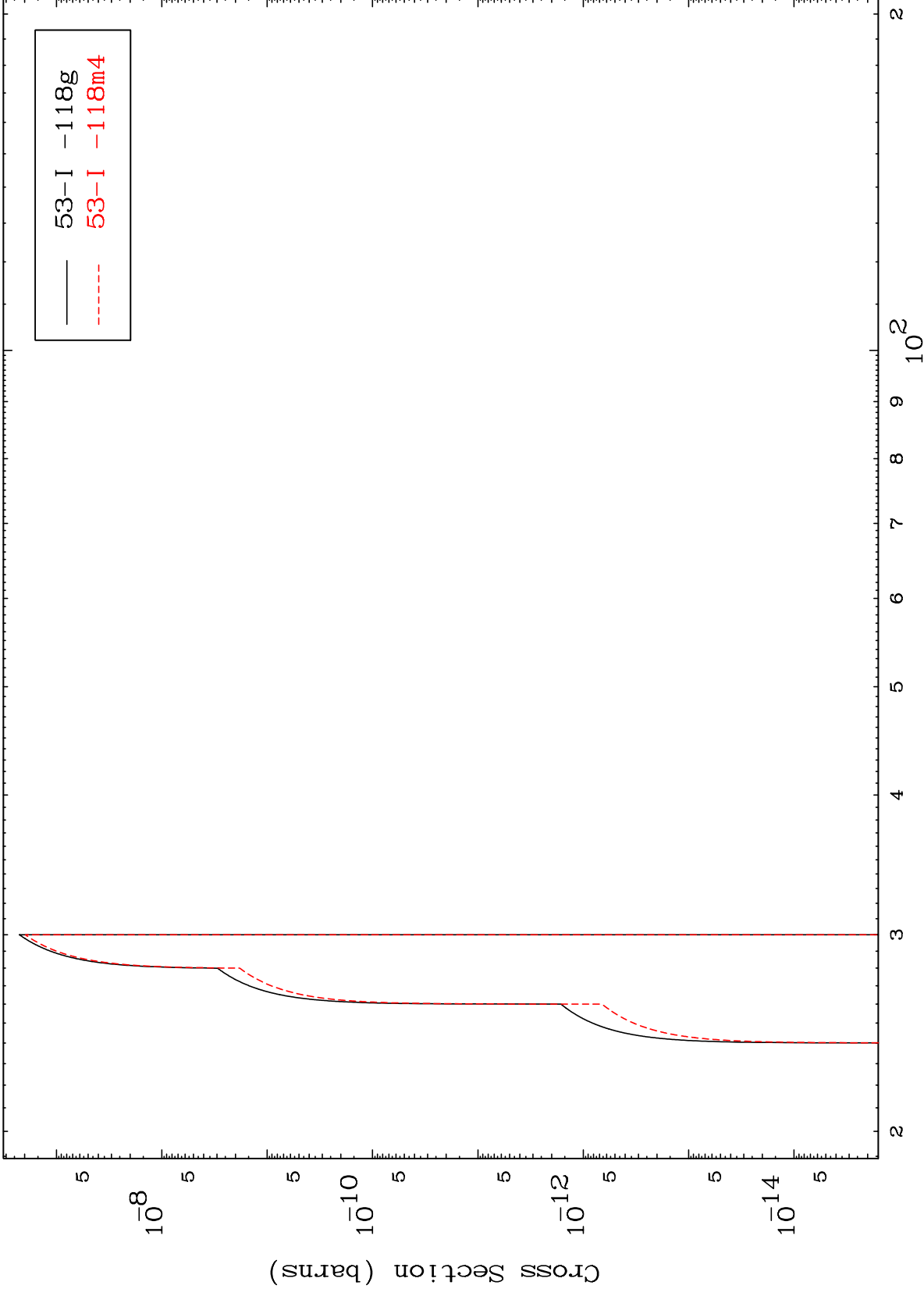
53-I -120

MAT 5304

(n,2n)  $\alpha$

53-I -120

Radionuclide Production Cross Section



13

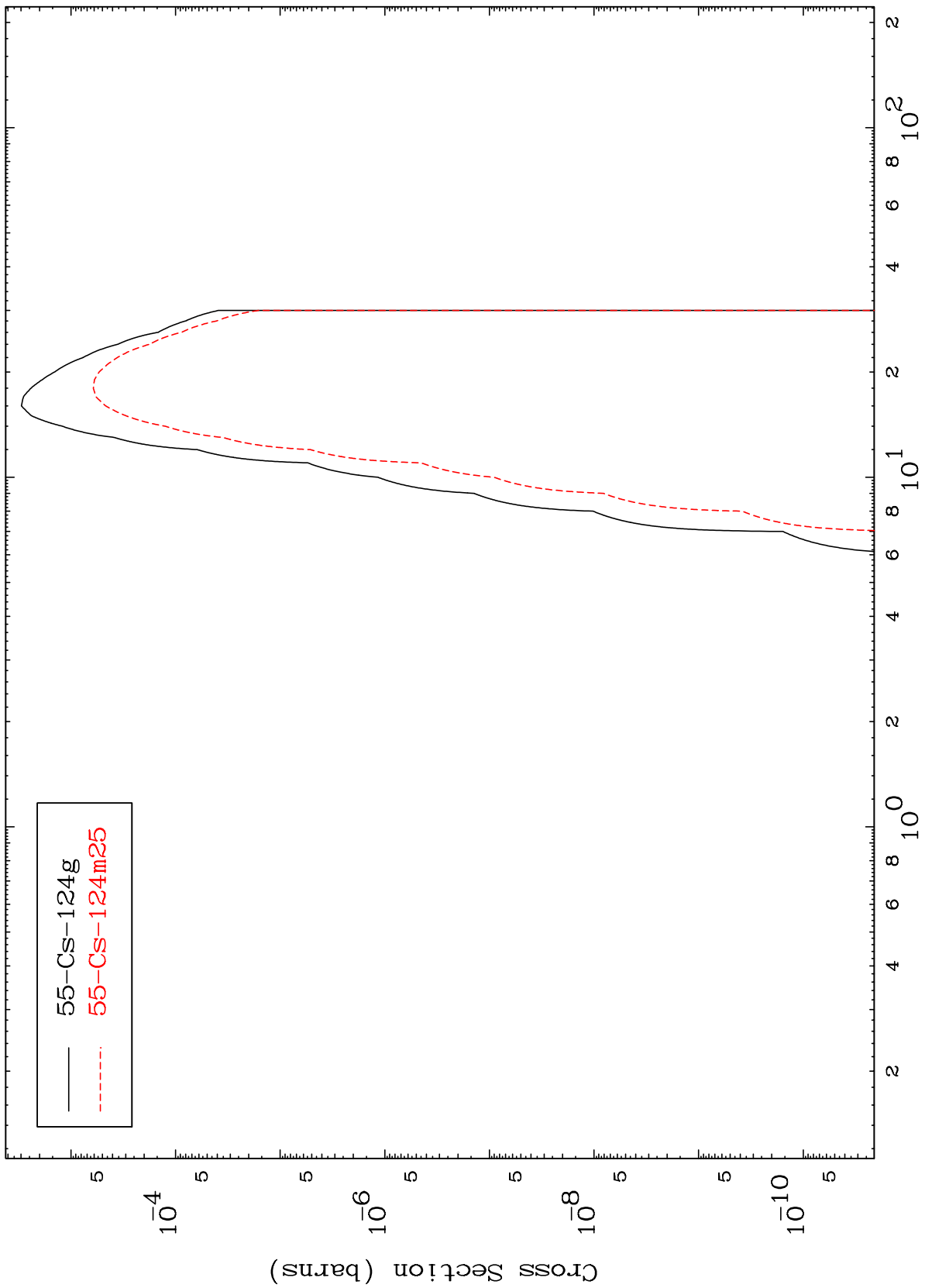
Incident Energy (MeV)

53-I -120

MAT 5304

53-I -120

Radionuclide Production Cross Section



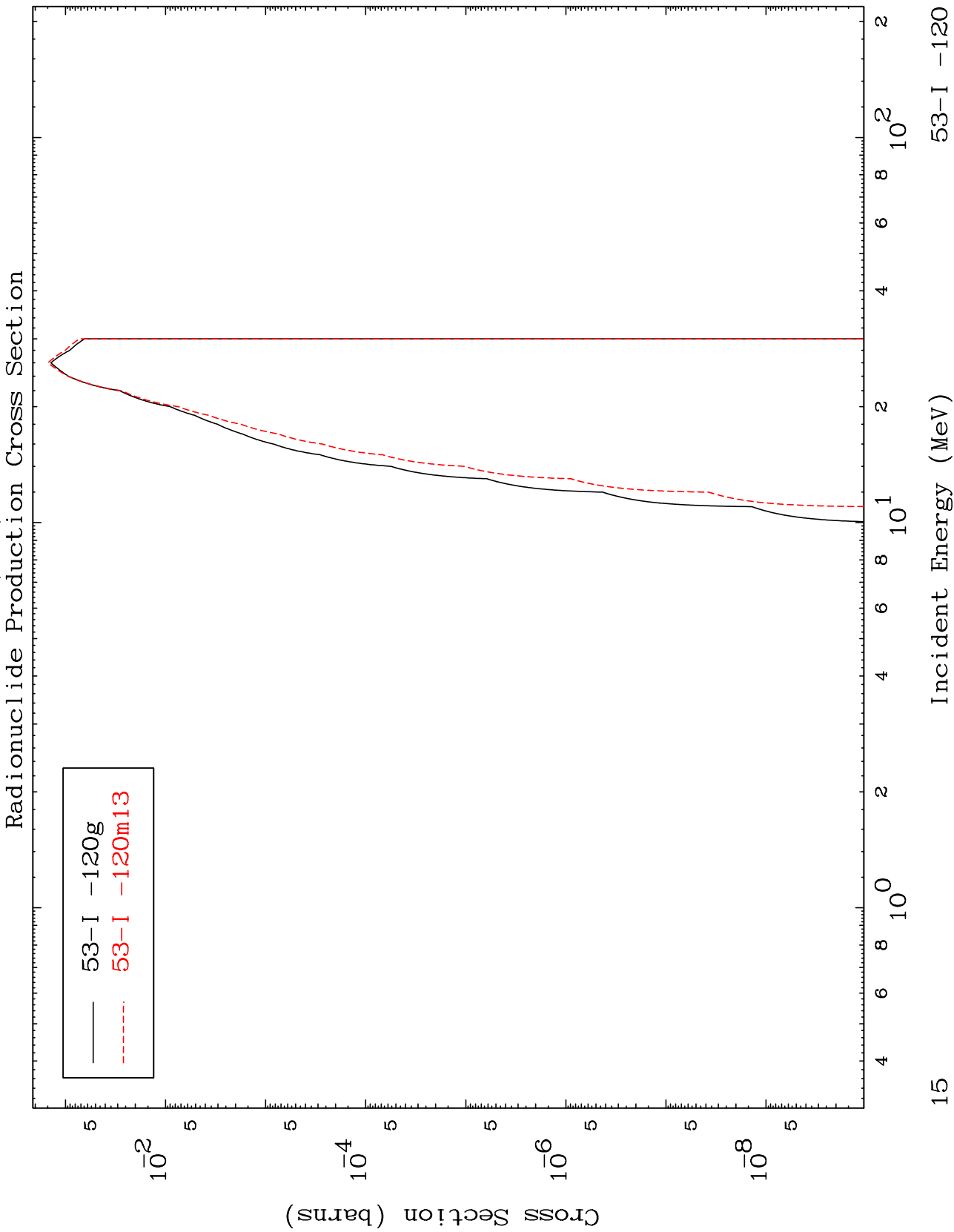
55-Cs-124g  
55-Cs-124m25

14

53-I -120

MAT 5304

53-I -120



15

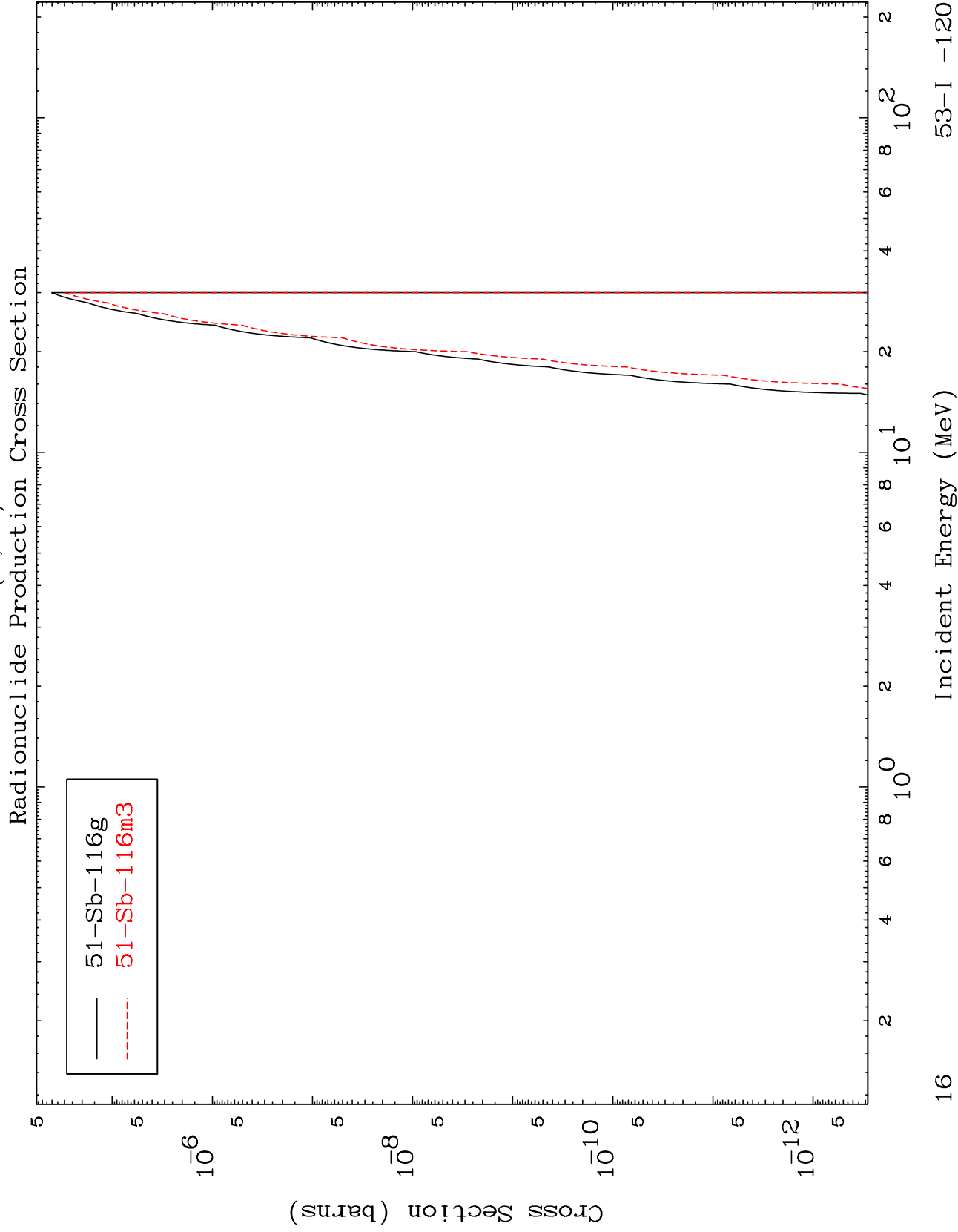
53-I -120



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(n,2α)

53-I -120

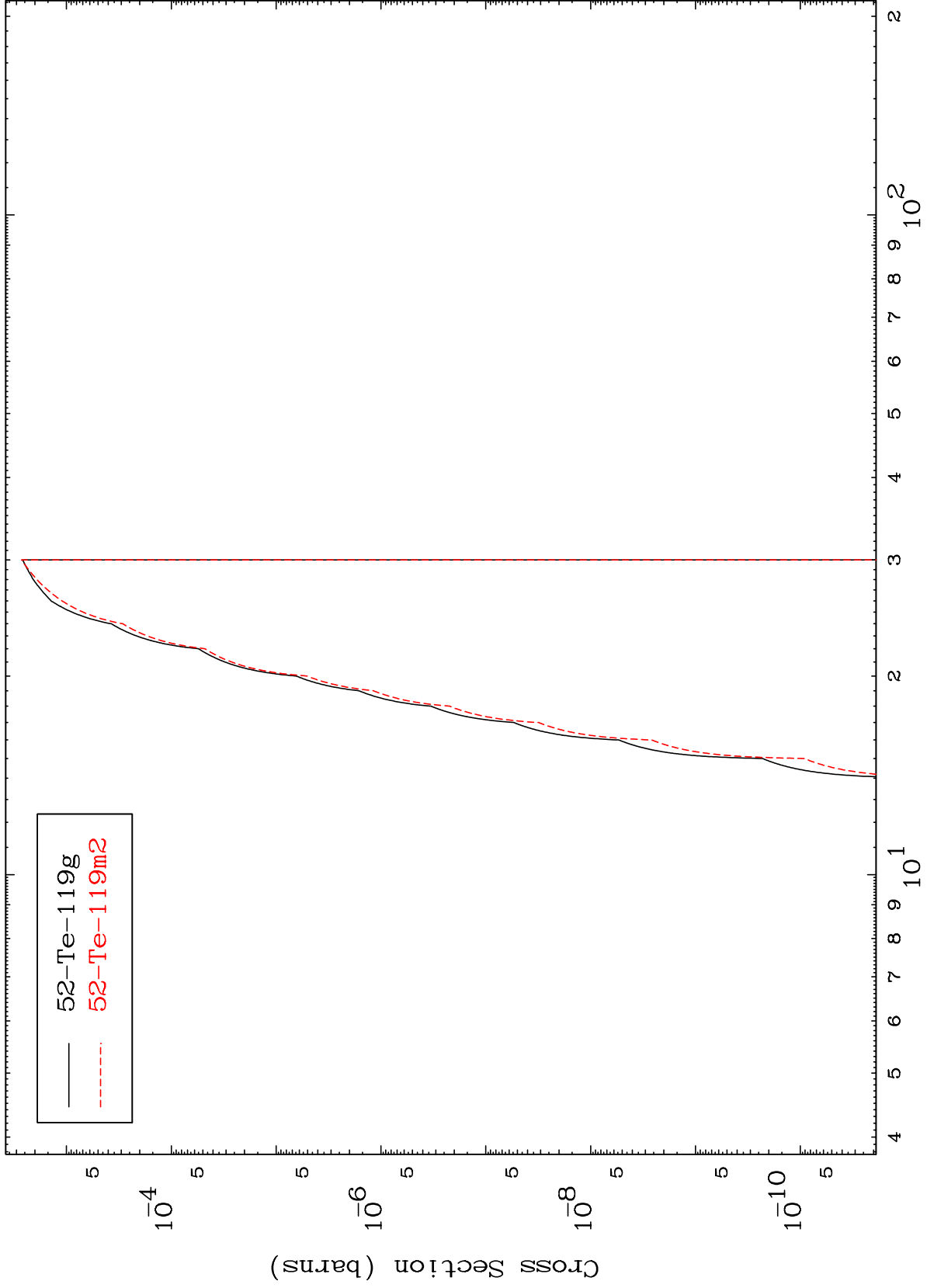


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(n,p)  $\alpha$

53-I -120

Radionuclide Production Cross Section



17

Incident Energy (MeV)

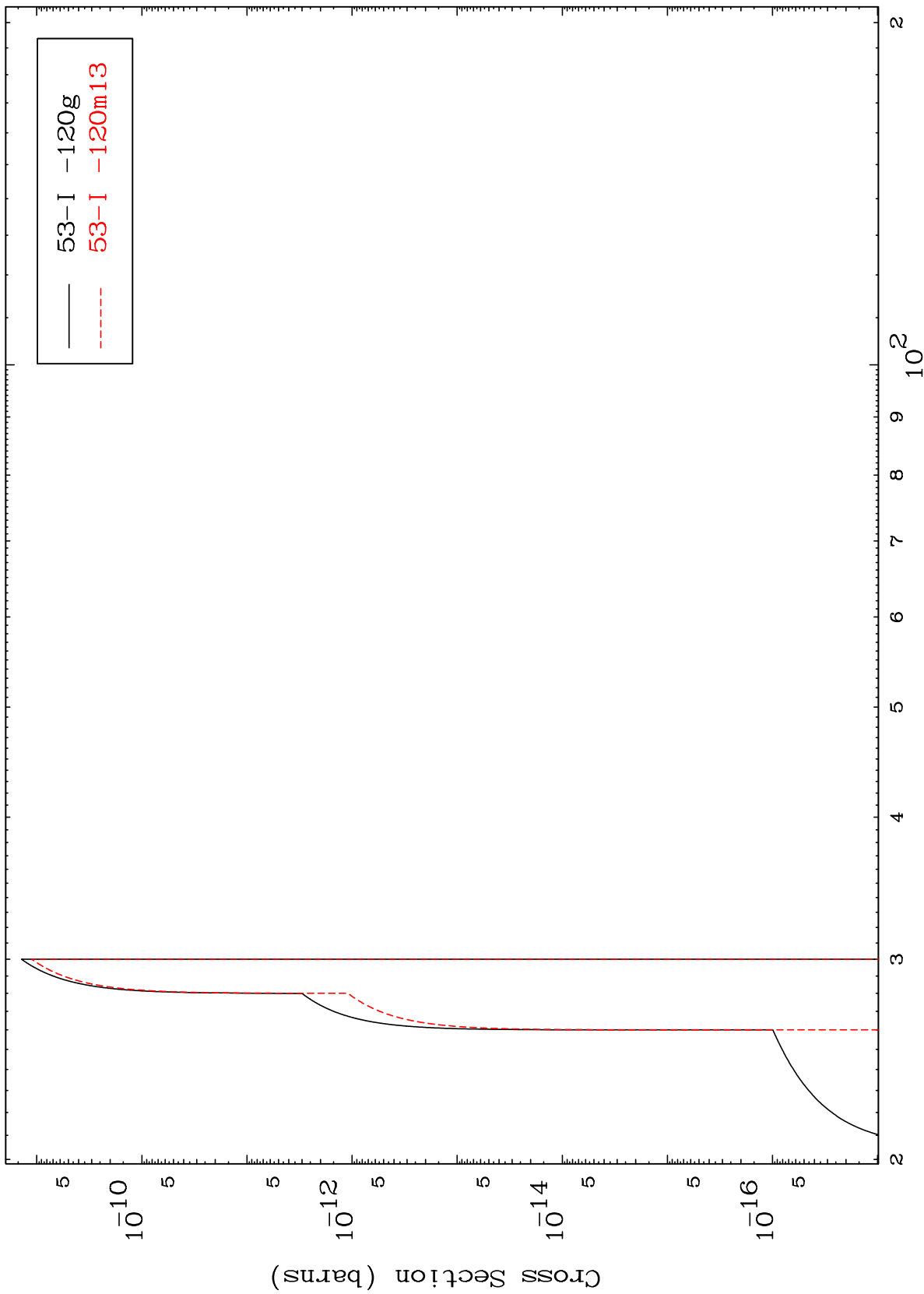
53-I -120

MAT 5304

(n,p) t

53-I -120

Radionuclide Production Cross Section



18

Incident Energy (MeV)

53-I -120