

Program EVALPLOT  
(Version 2021-1)

by

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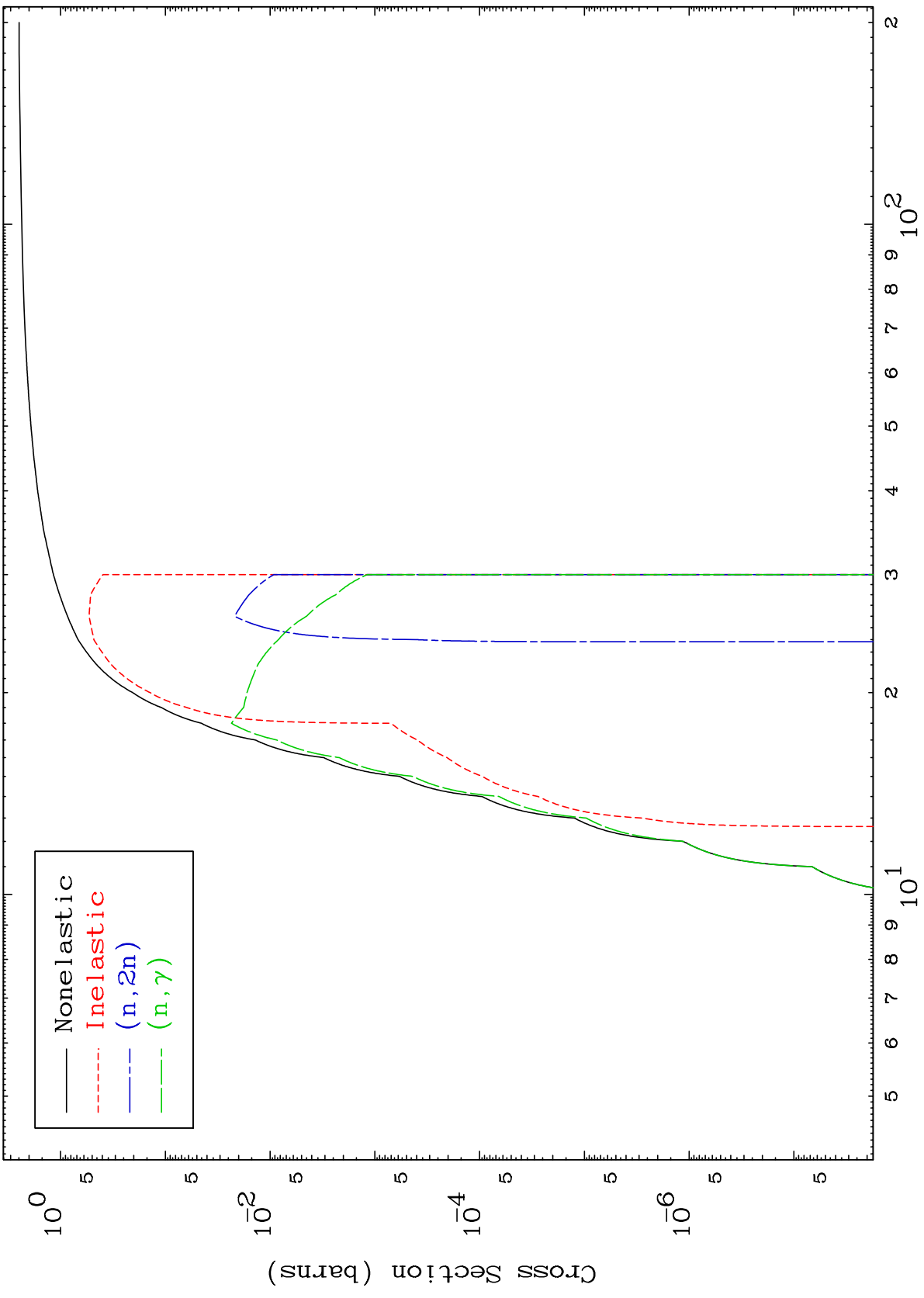
Press Mouse Button to Start

MAT 6998

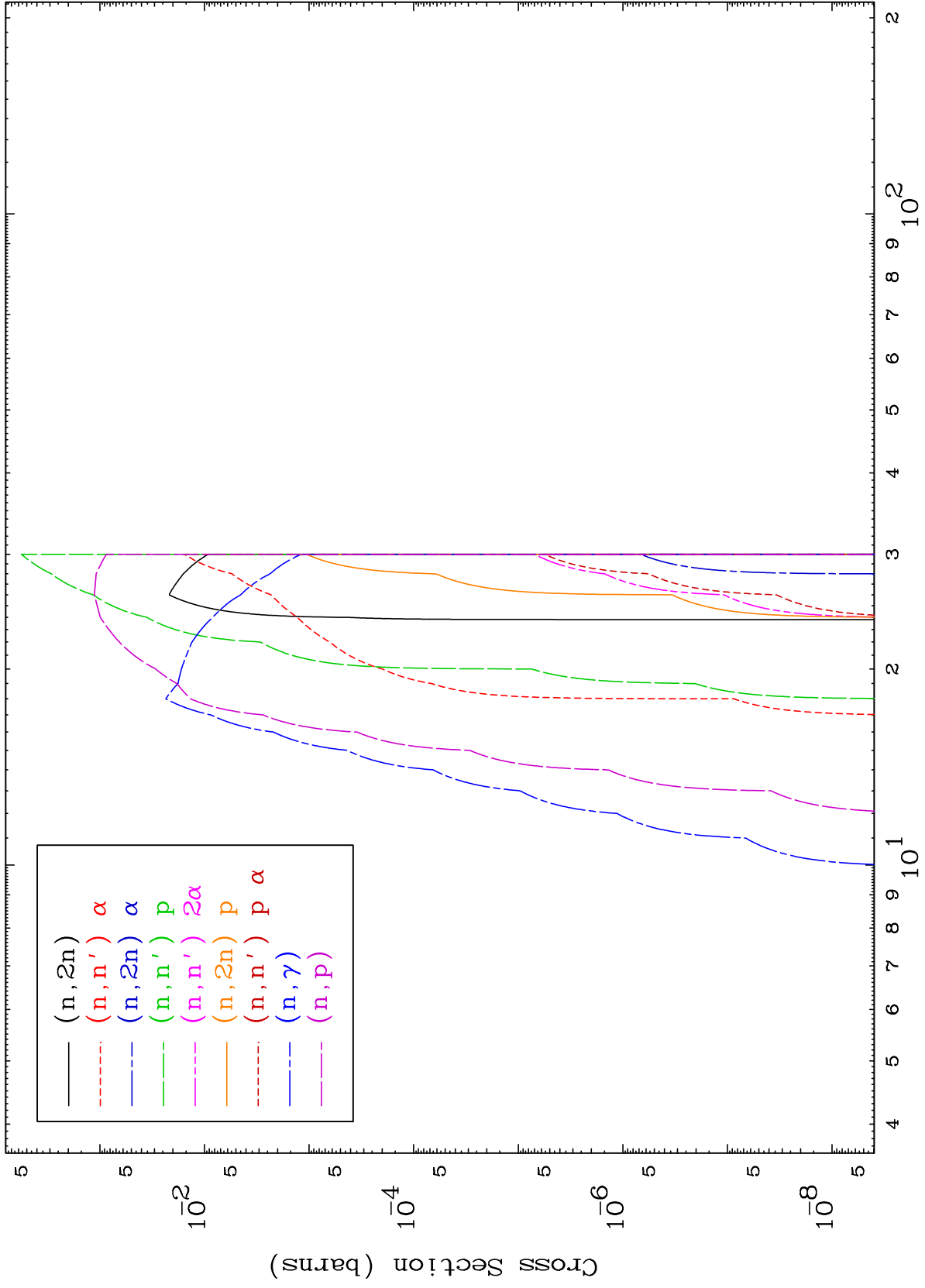
$\alpha$  Major

70-Yb-159

0 Kelvin Cross Sections



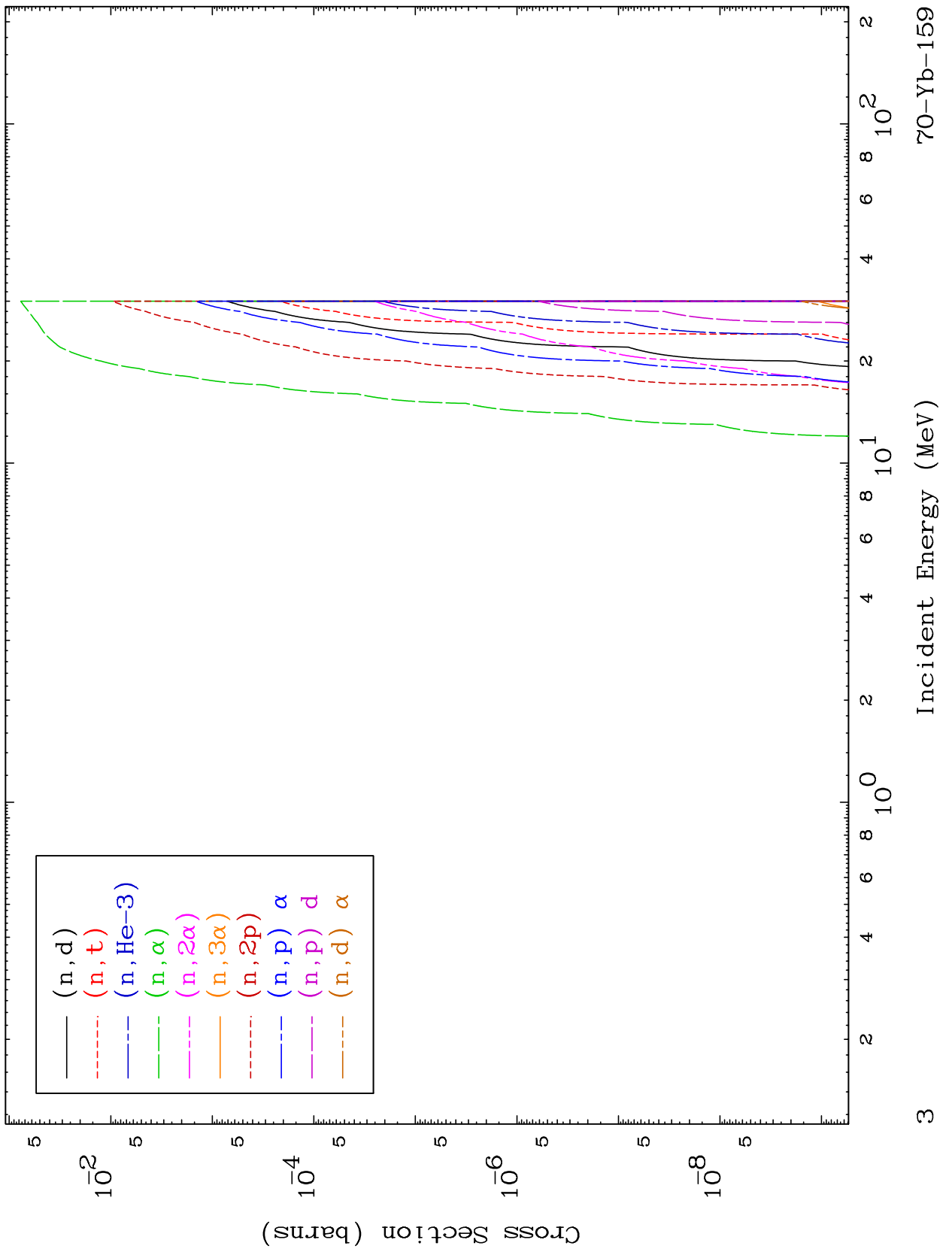
Legend:  
— Nonelastic  
- - - Inelastic  
- - -  $(n, 2n)$   
- - -  $(n, \gamma)$

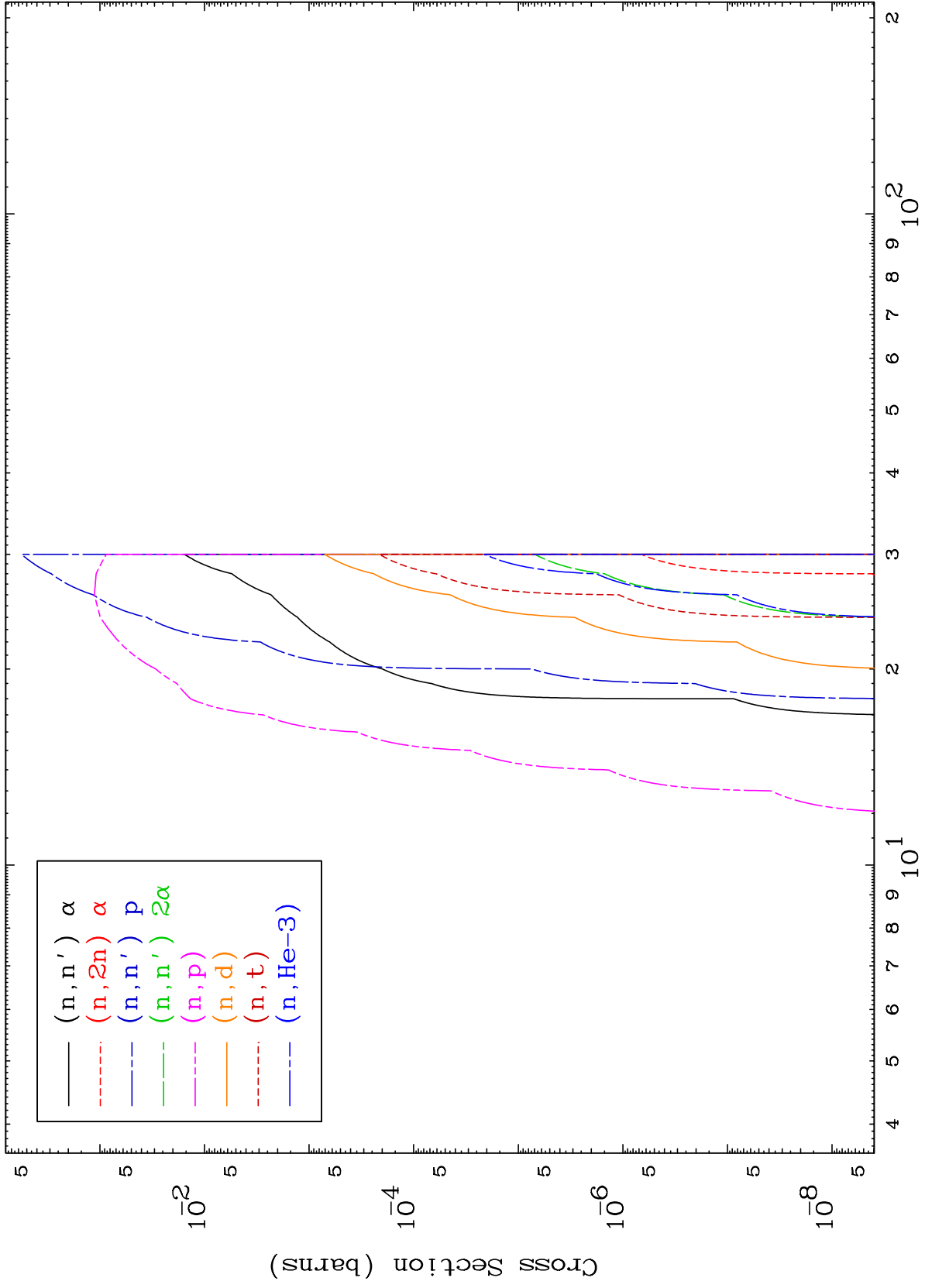


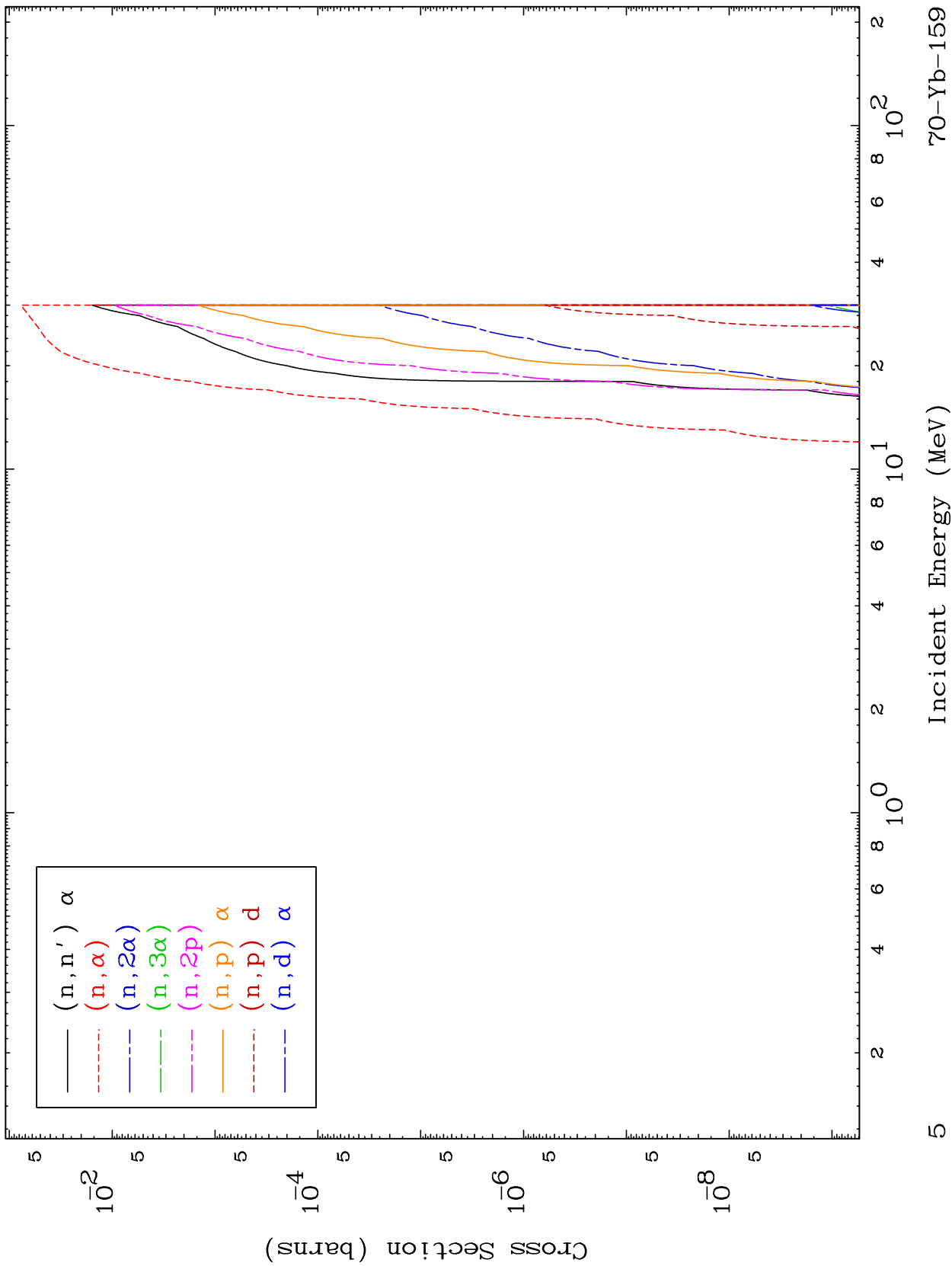
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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

70-Yb-159





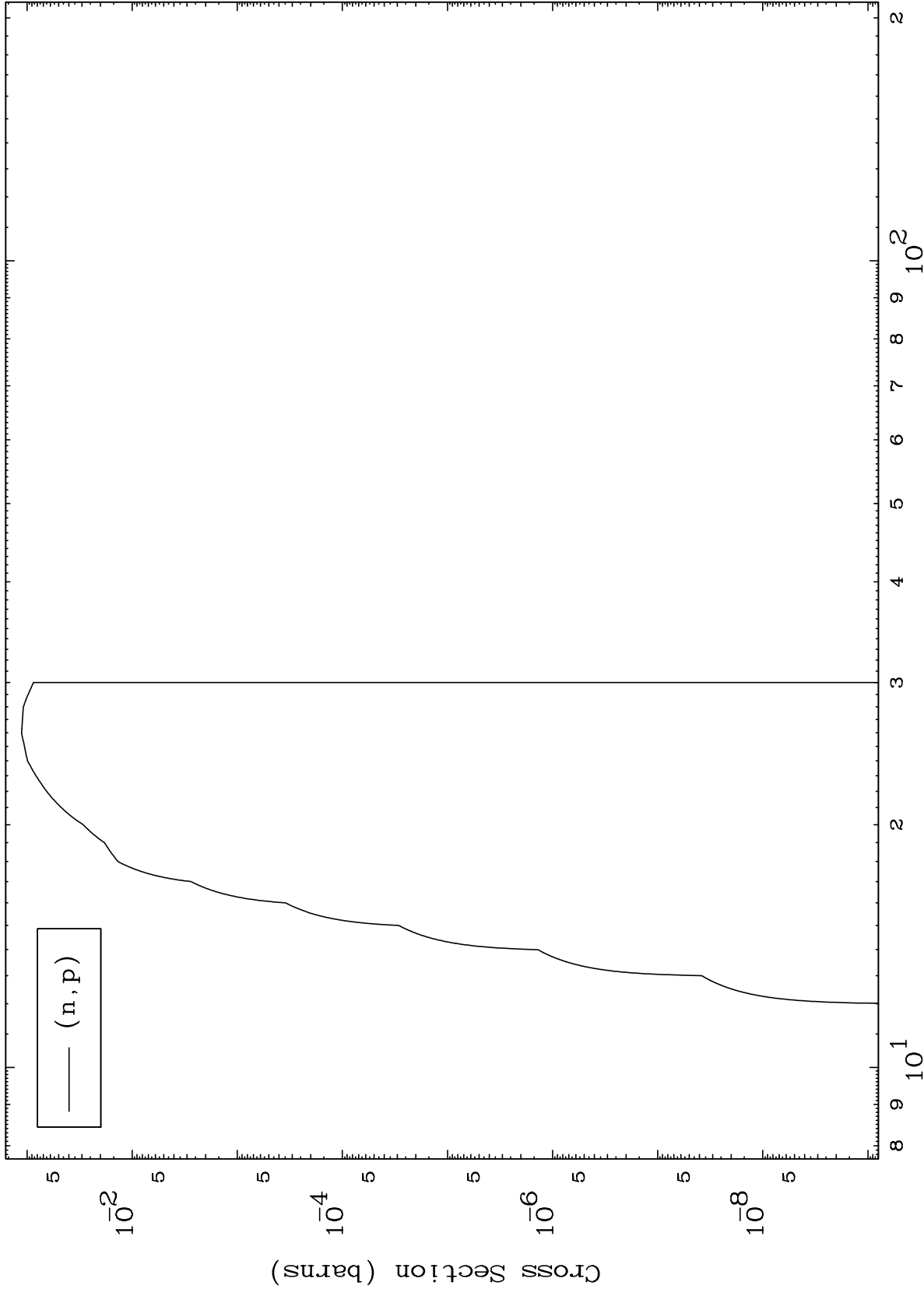


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( $\alpha, p$ ) Levels

70-Yb-159

0 Kelvin Cross Sections



Incident Energy (MeV)

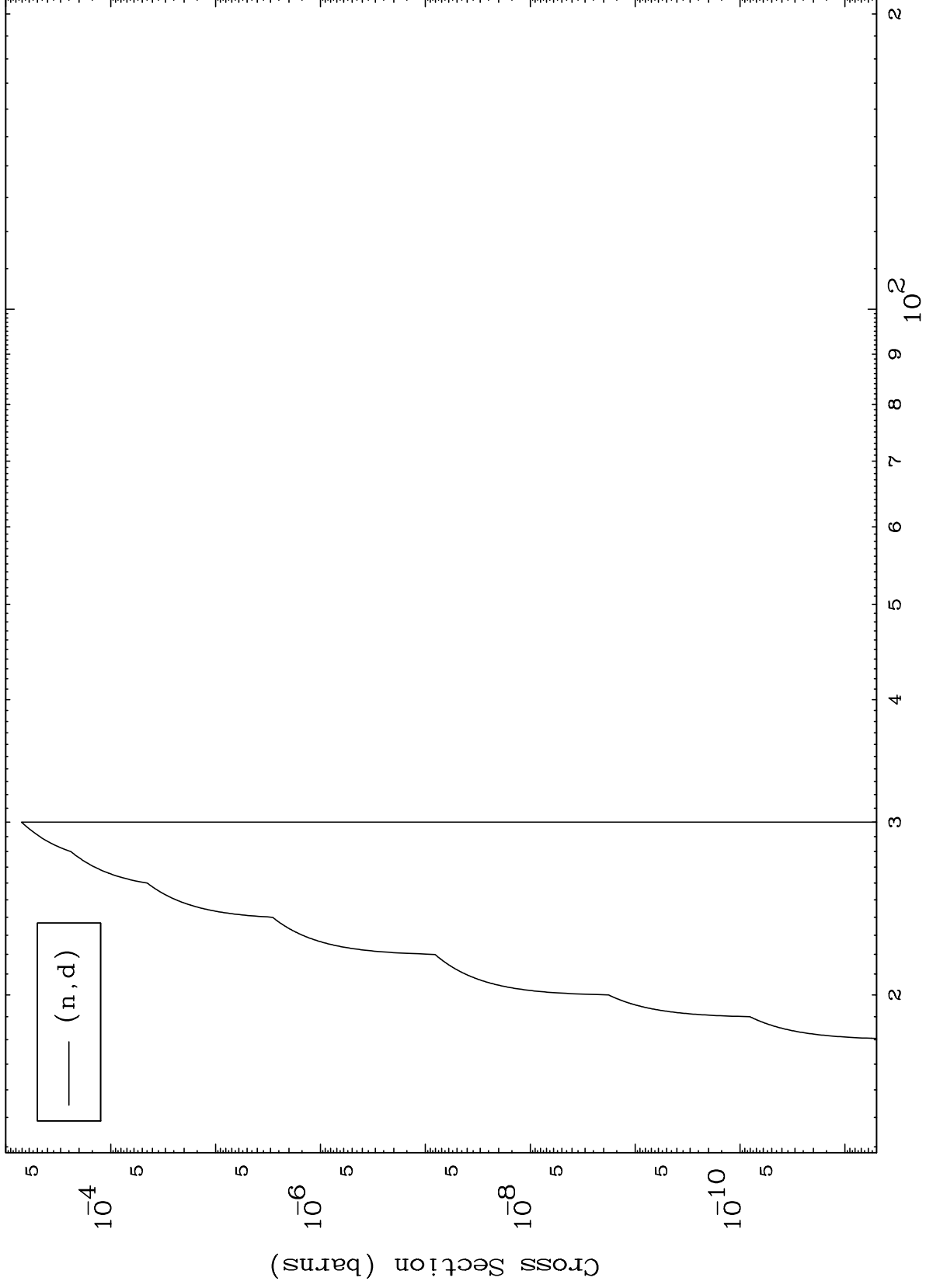
70-Yb-159

6

MAT 6998

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

70-Yb-159



7

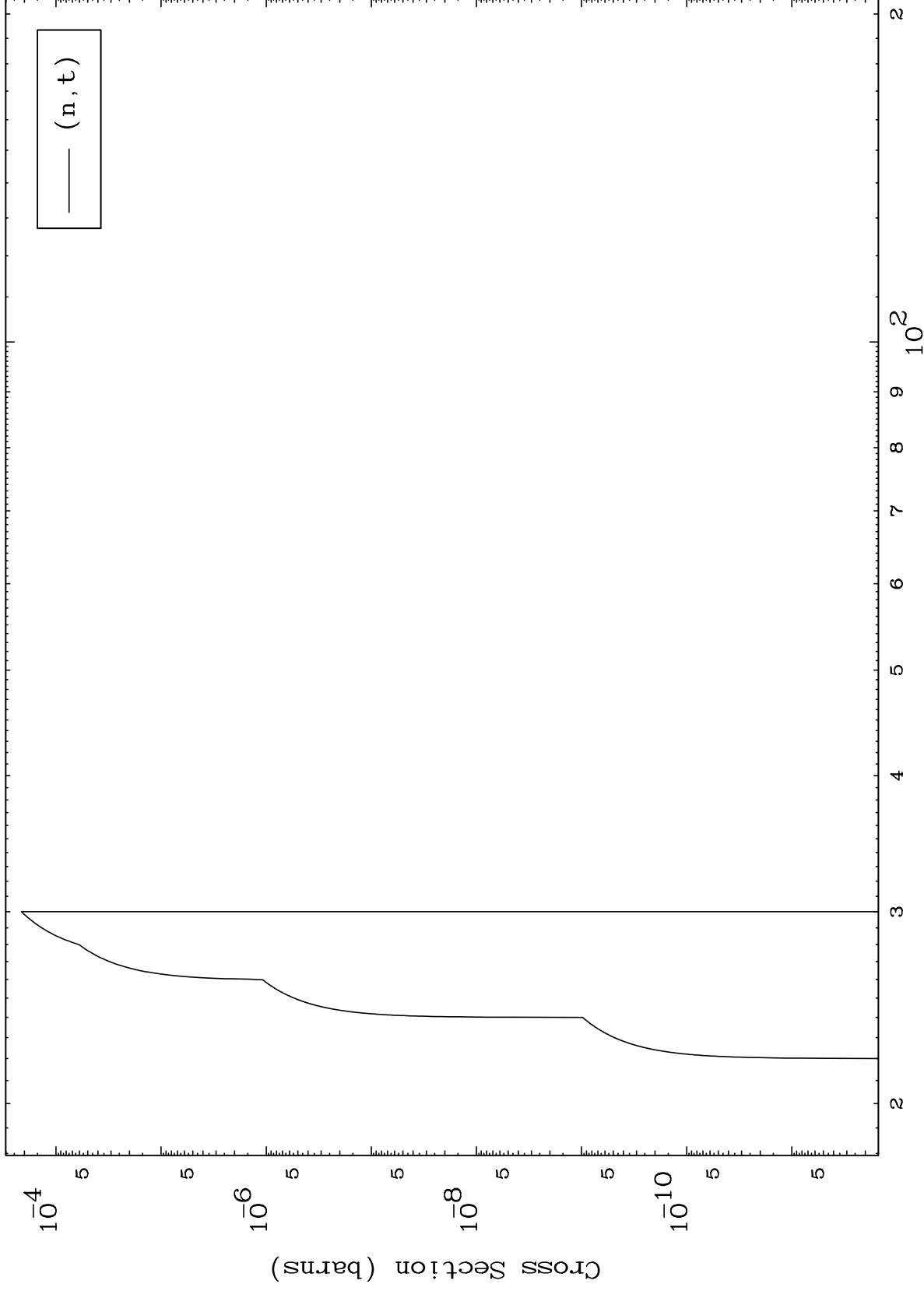
Incident Energy (MeV)

70-Yb-159

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

70-Yb-159



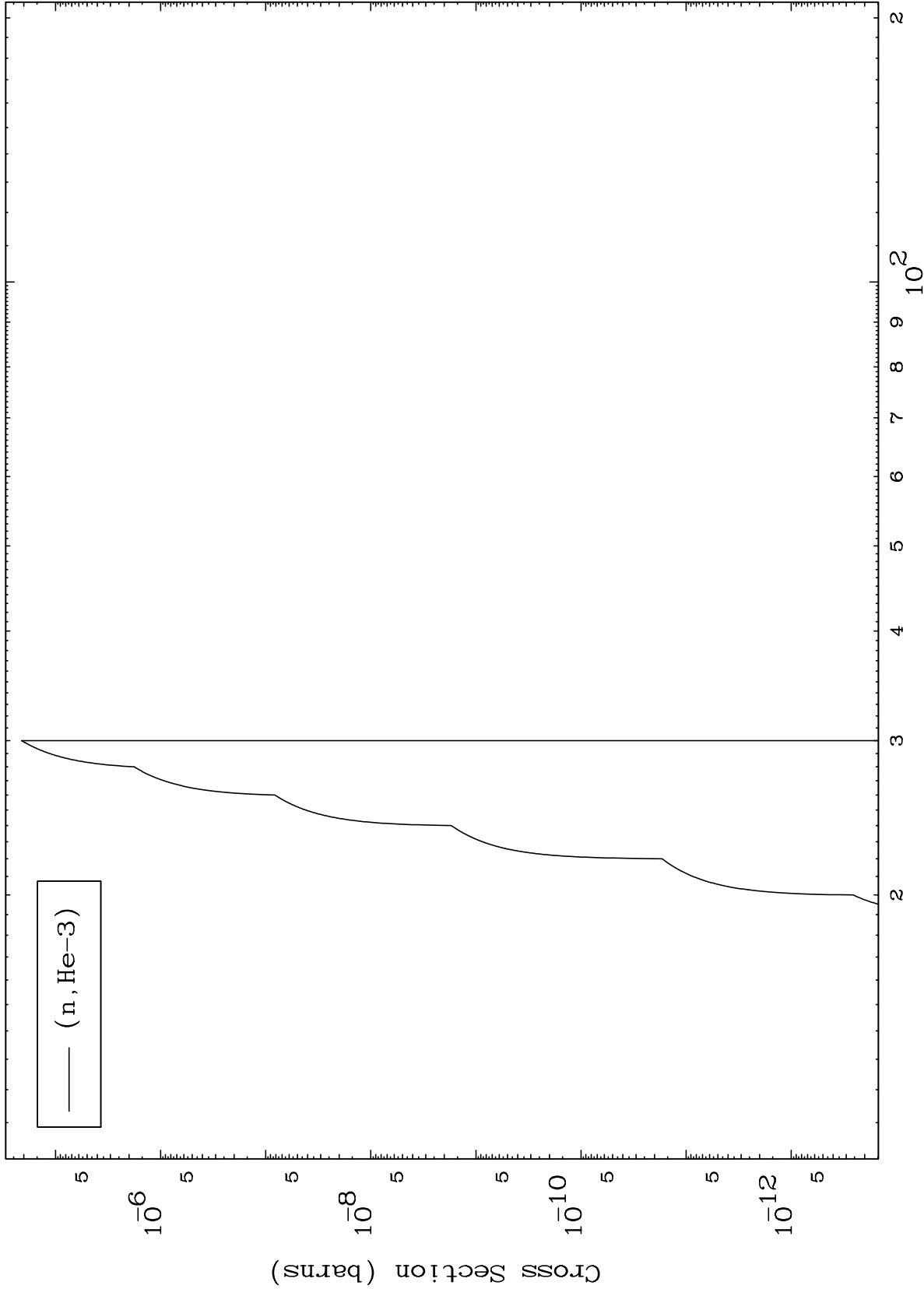
(n, t)

8

Incident Energy (MeV)

70-Yb-159

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

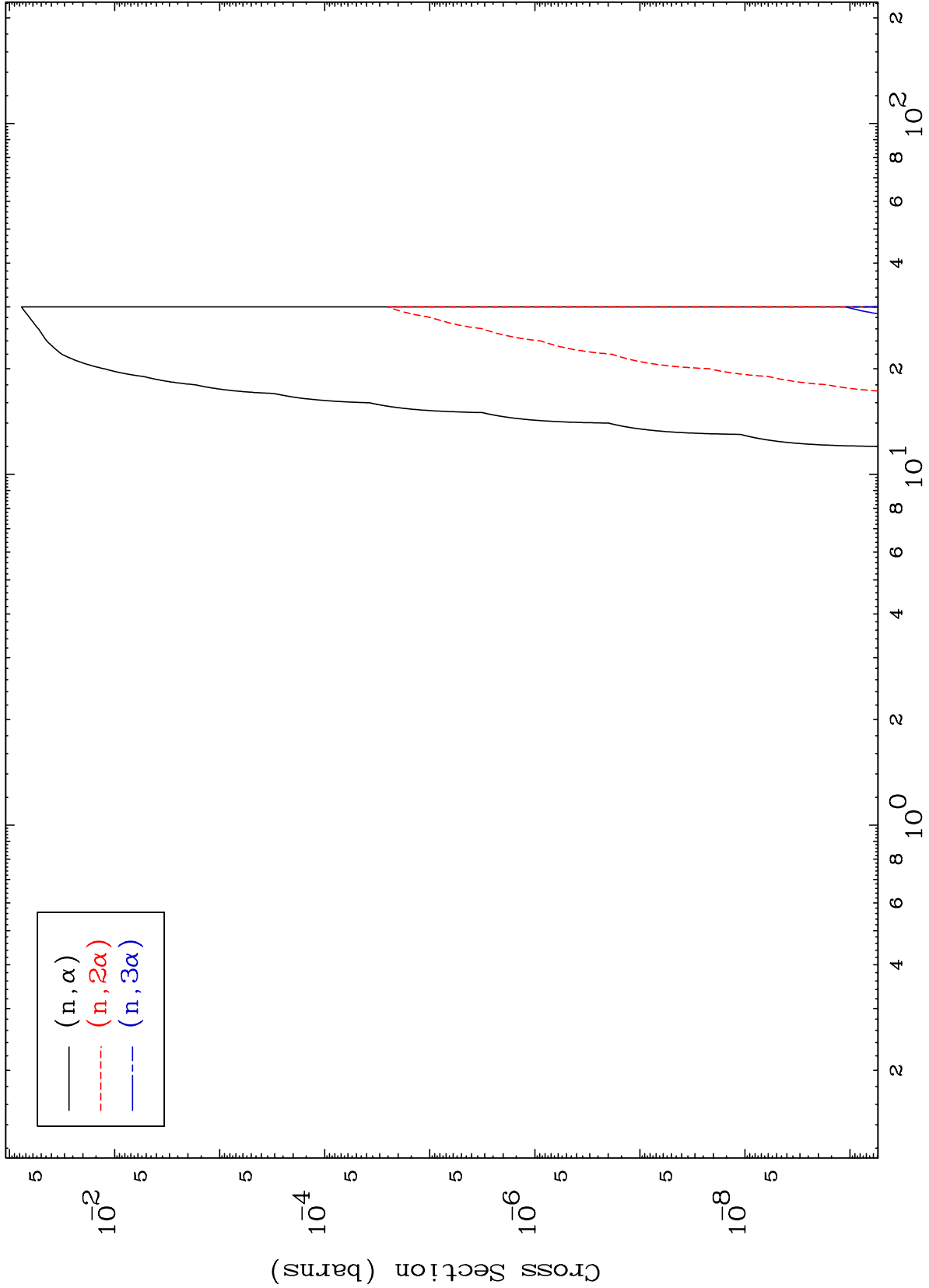


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( $\alpha, \alpha$ ) Levels

70-Yb-159

0 Kelvin Cross Sections

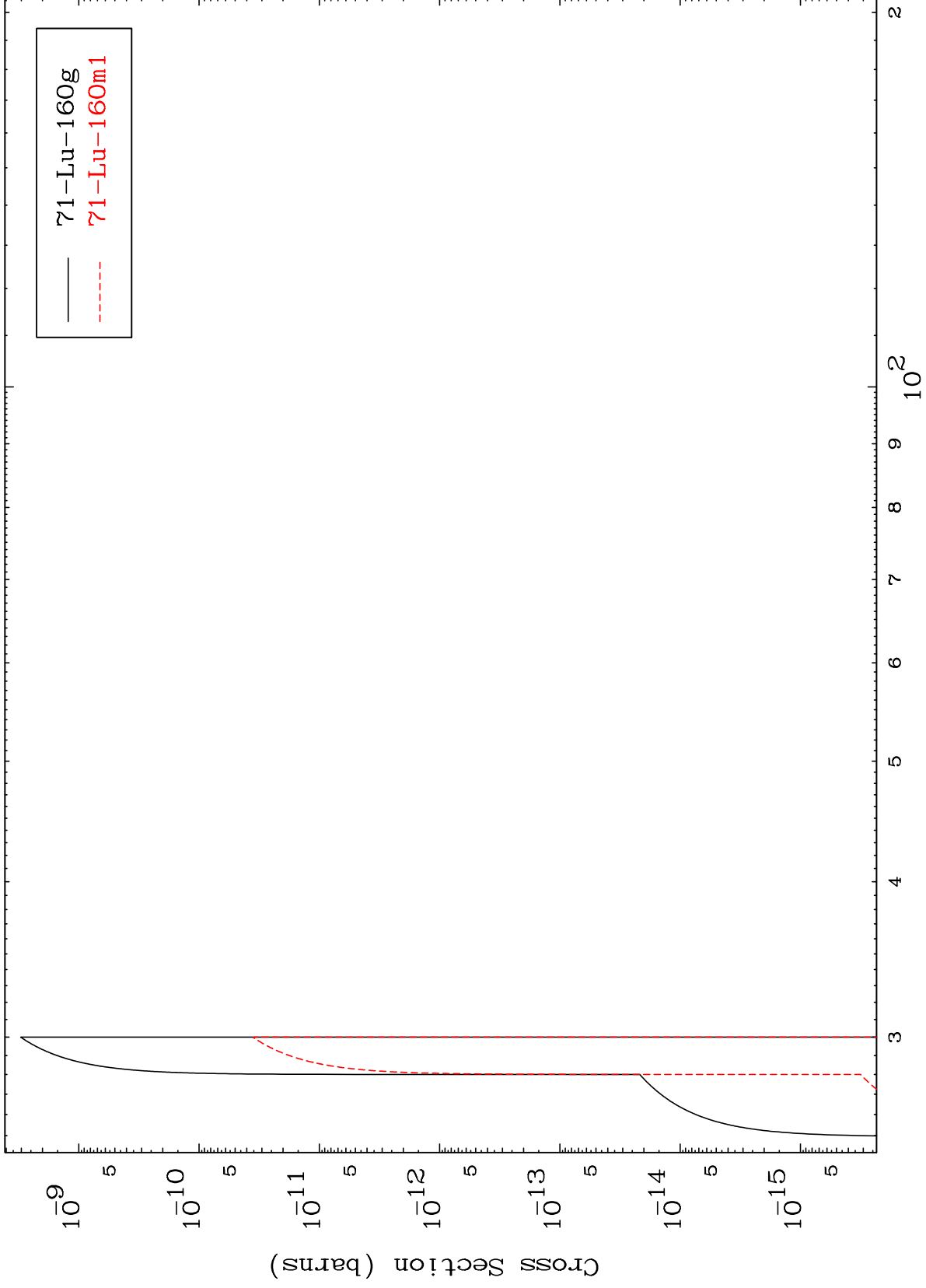


10

Incident Energy (MeV)

70-Yb-159

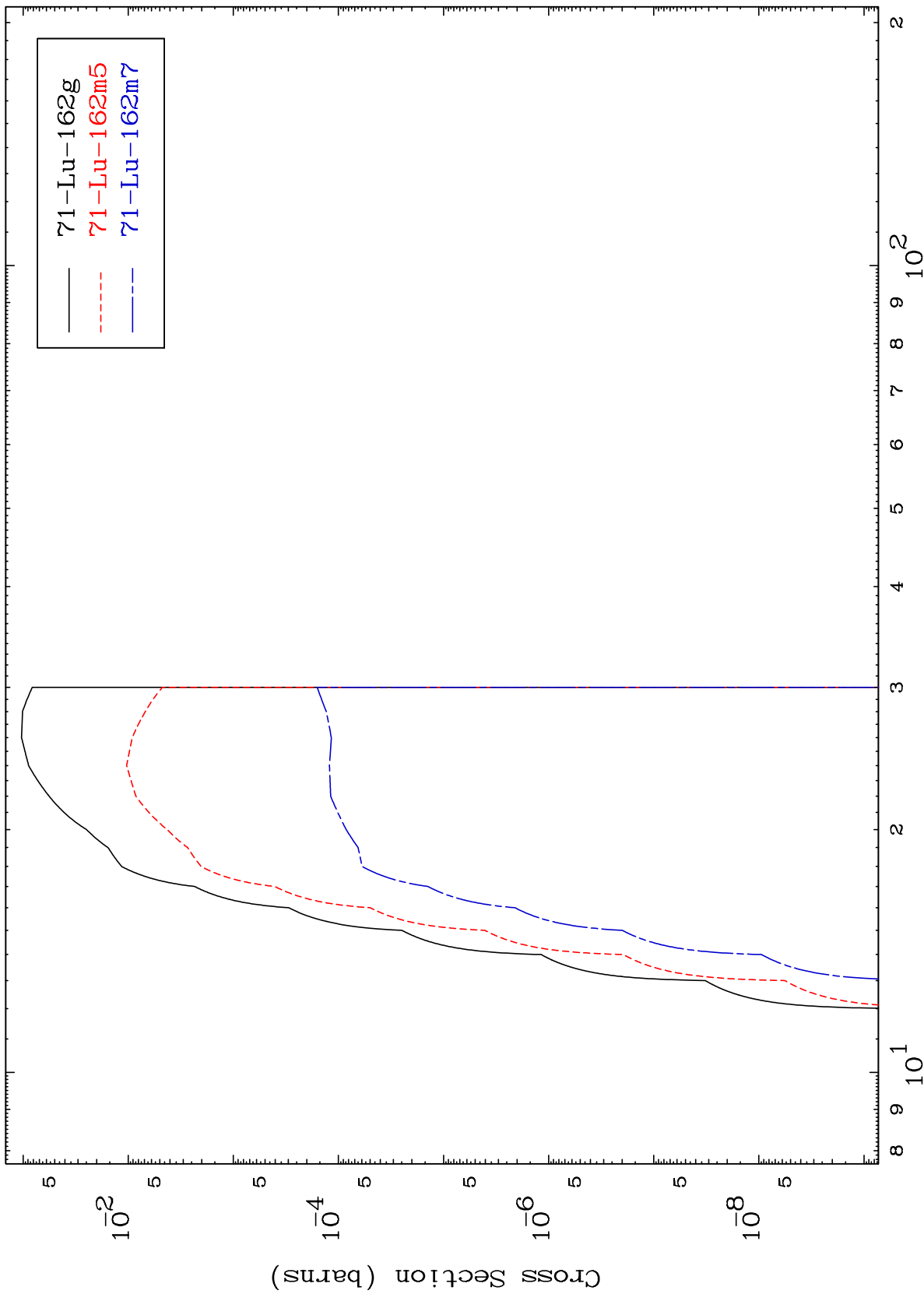
Radionuclide Production Cross Section



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70-Yb-159

(n,p)  
Radionuclide Production Cross Section



70-Yb-159

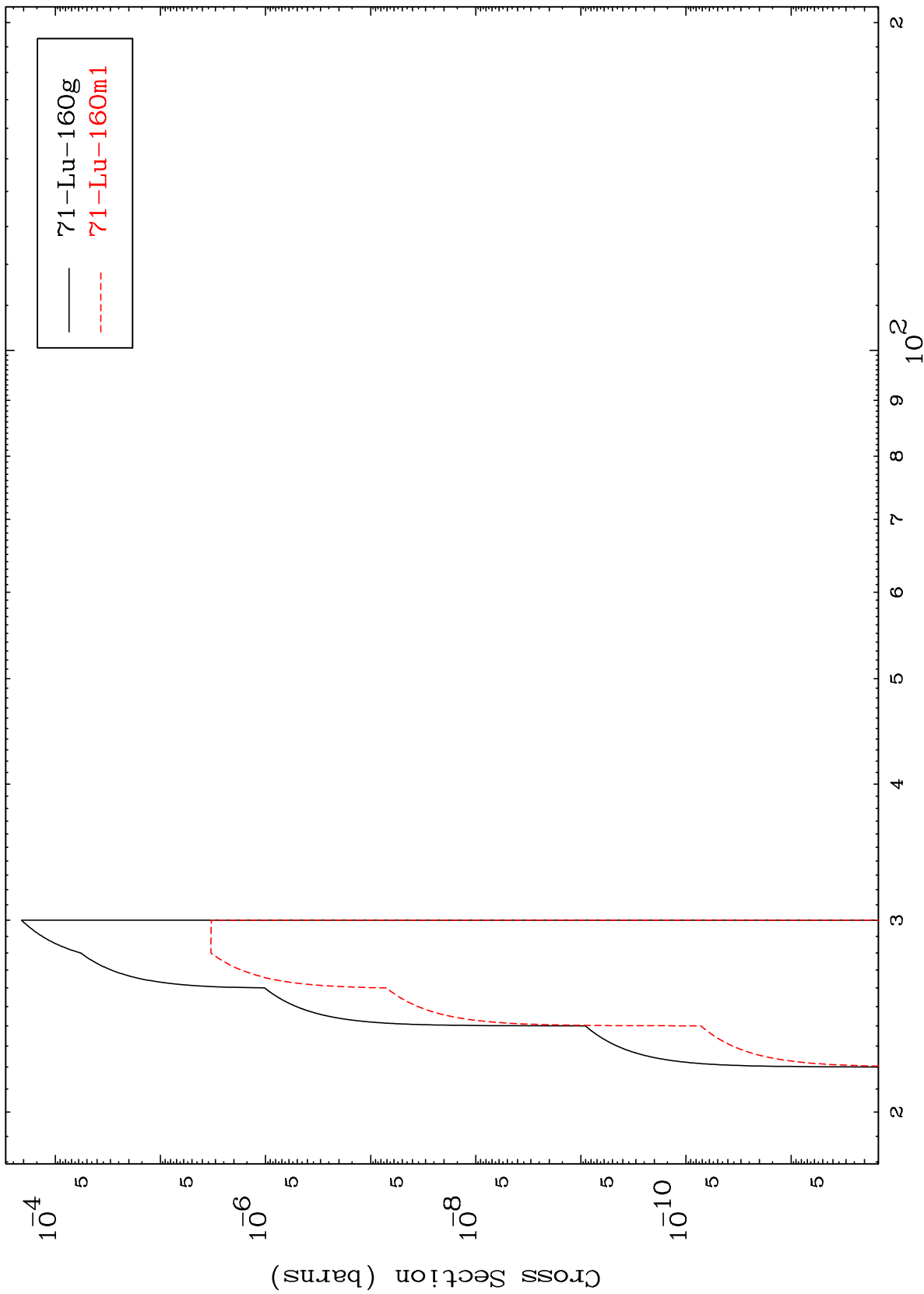
Incident Energy (MeV)

12

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70-Yb-159

(n,t)  
Radionuclide Production Cross Section



70-Yb-159

Incident Energy (MeV)

13