

Program EVALPLOT  
(Version 2021-1)

by

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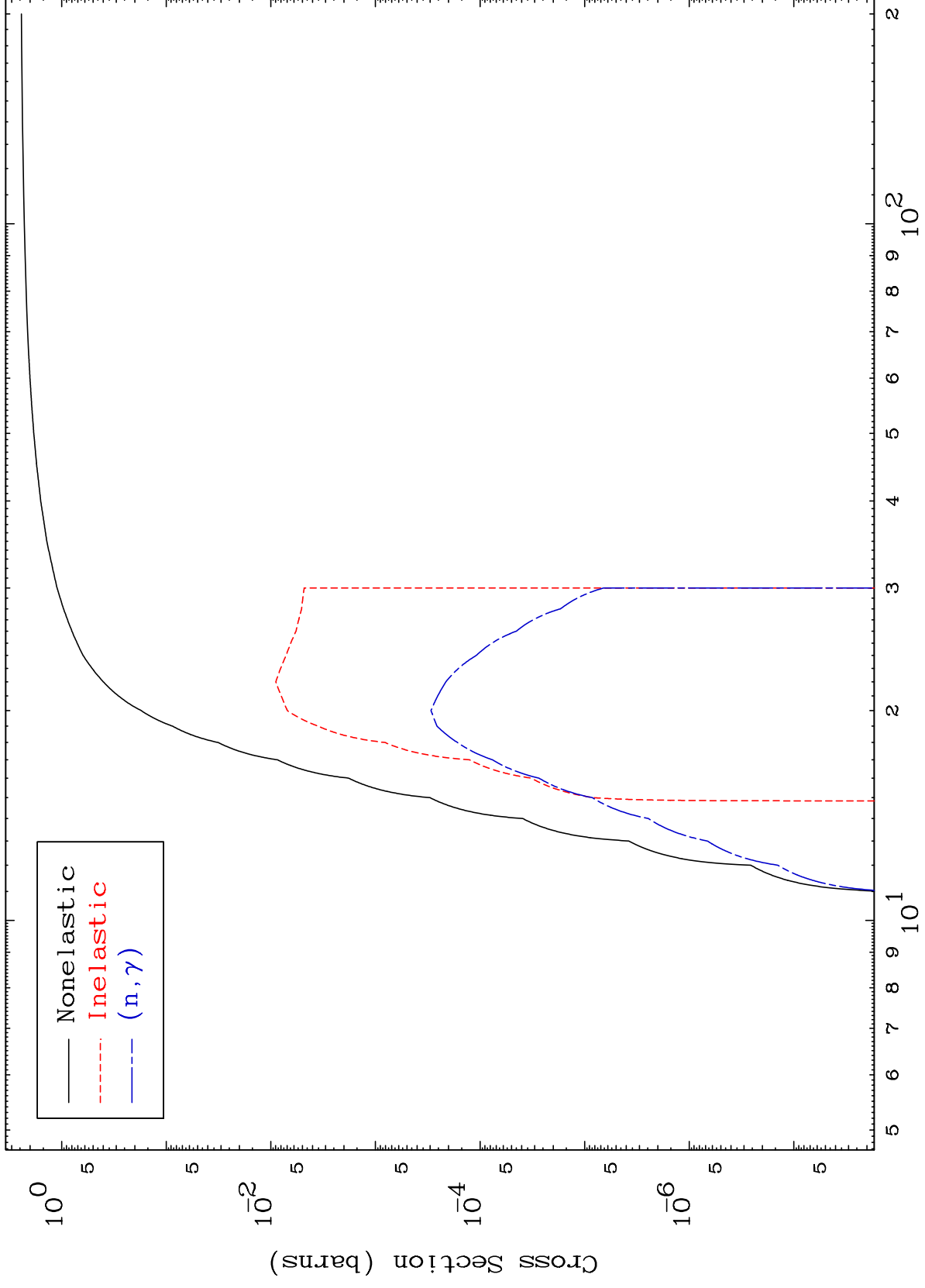
Press Mouse Button to Start

MAT 6974

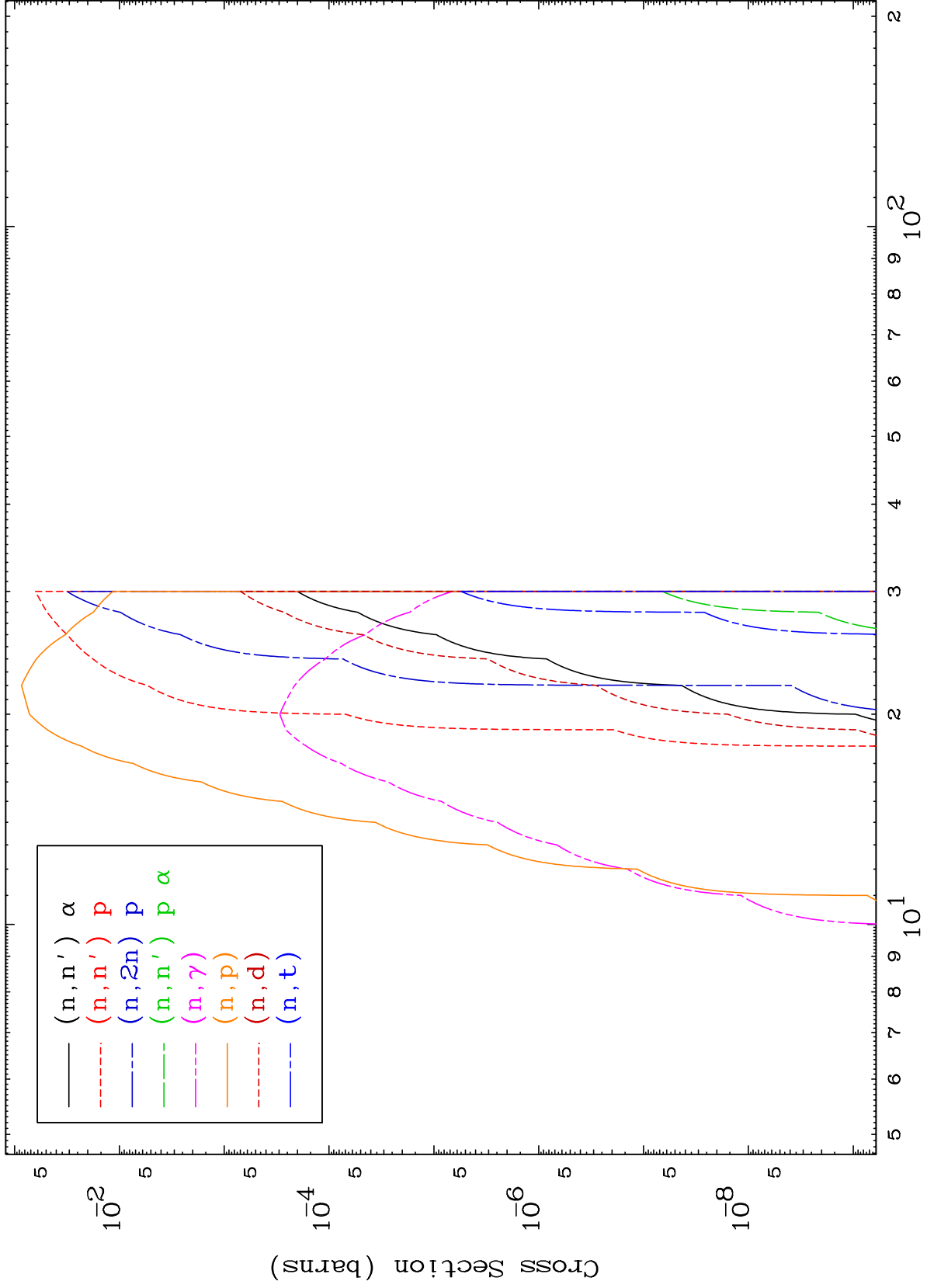
$\alpha$  Major

70-Yb-151

0 Kelvin Cross Sections



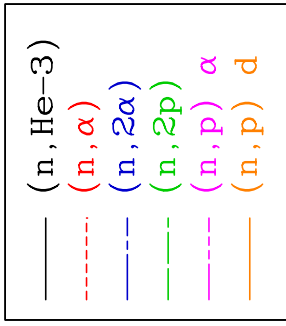
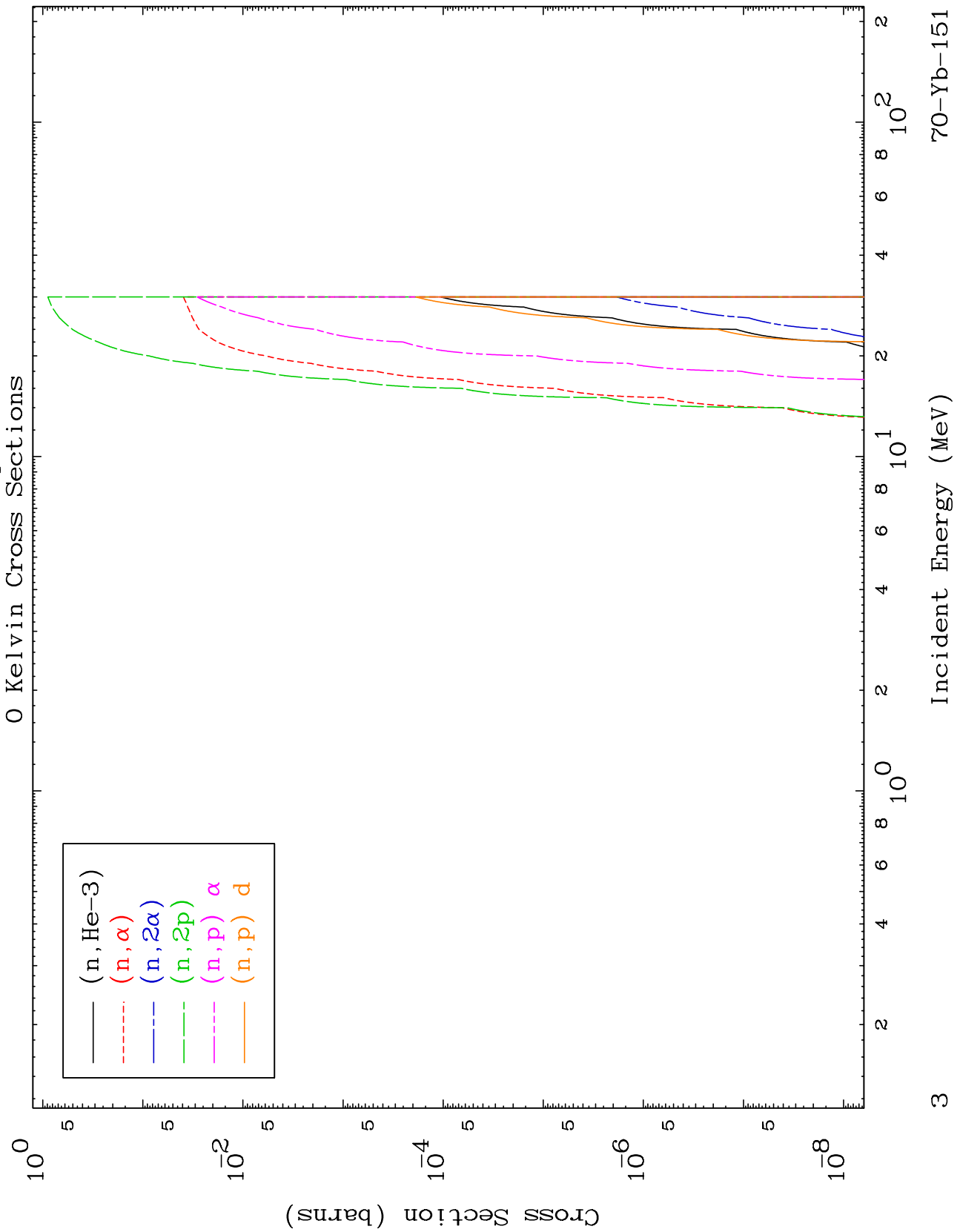
Legend:  
— Nonelastic  
- - - Inelastic  
- . -  $(n, \gamma)$



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$\alpha$  Neutron Absorption

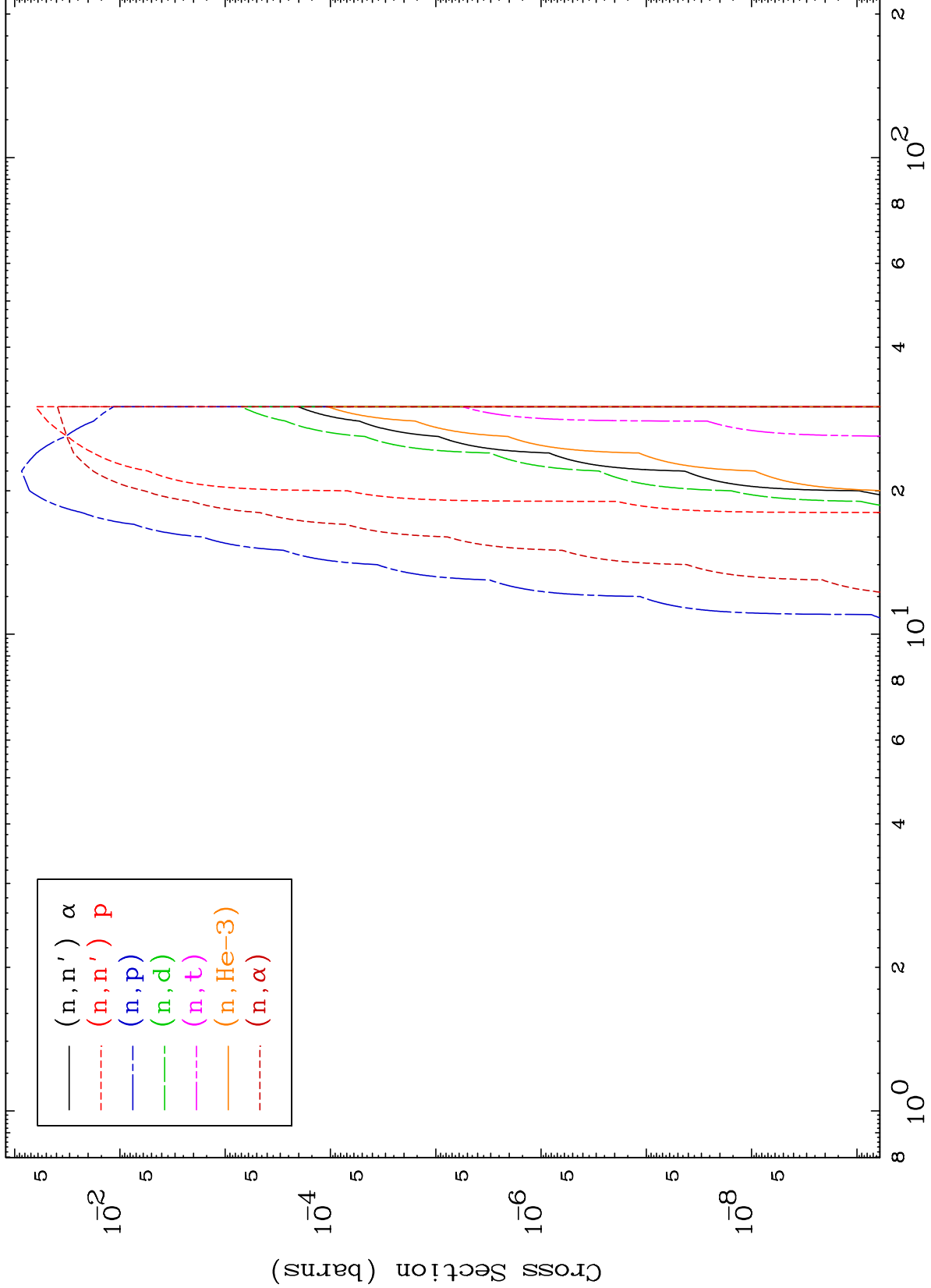
70-Yb-151



MAT 6974

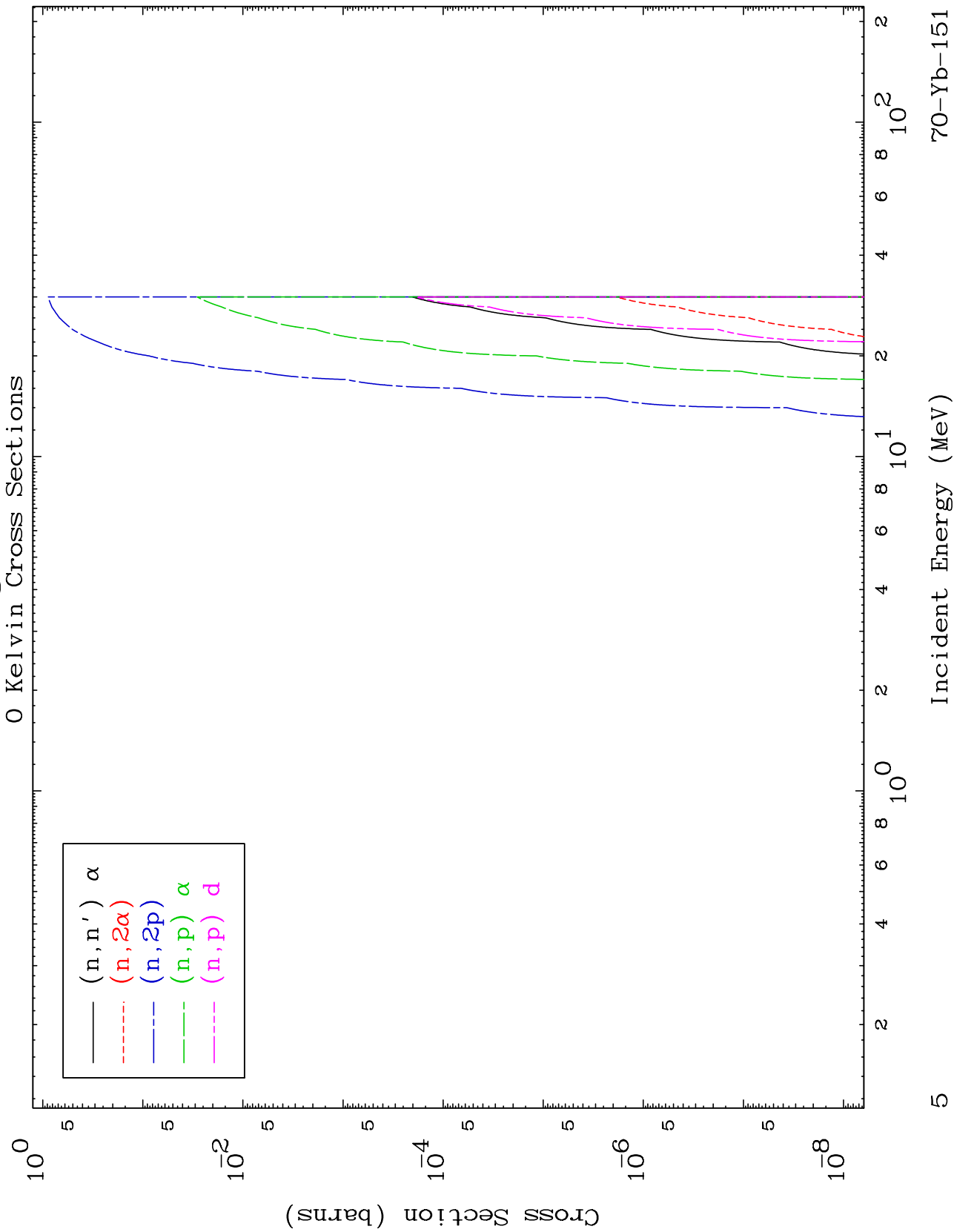
$\alpha$  Charged Particle  
0 Kelvin Cross Sections

70-Yb-151



Incident Energy (MeV)

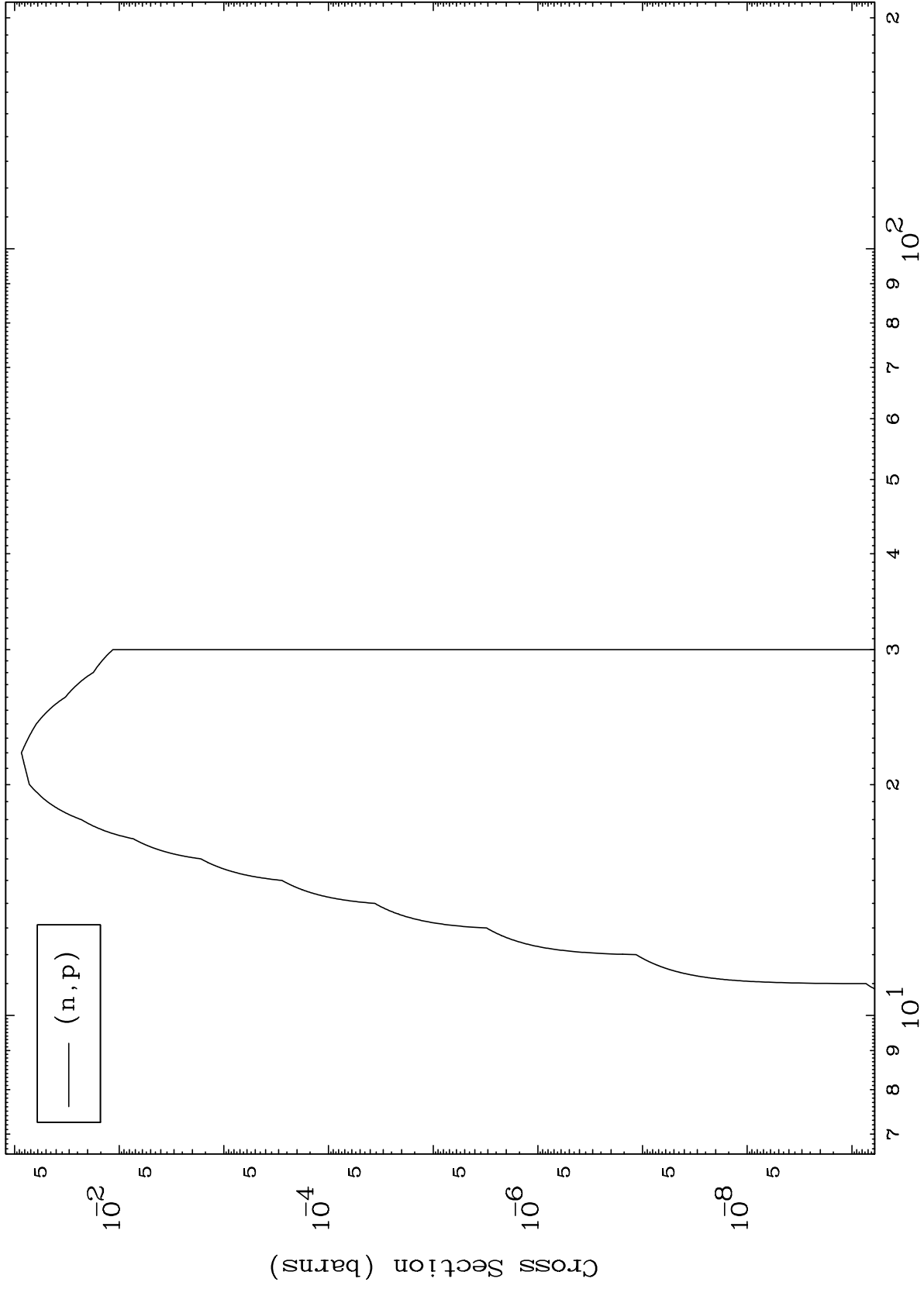
70-Yb-151



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

70-Yb-151



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Incident Energy (MeV)

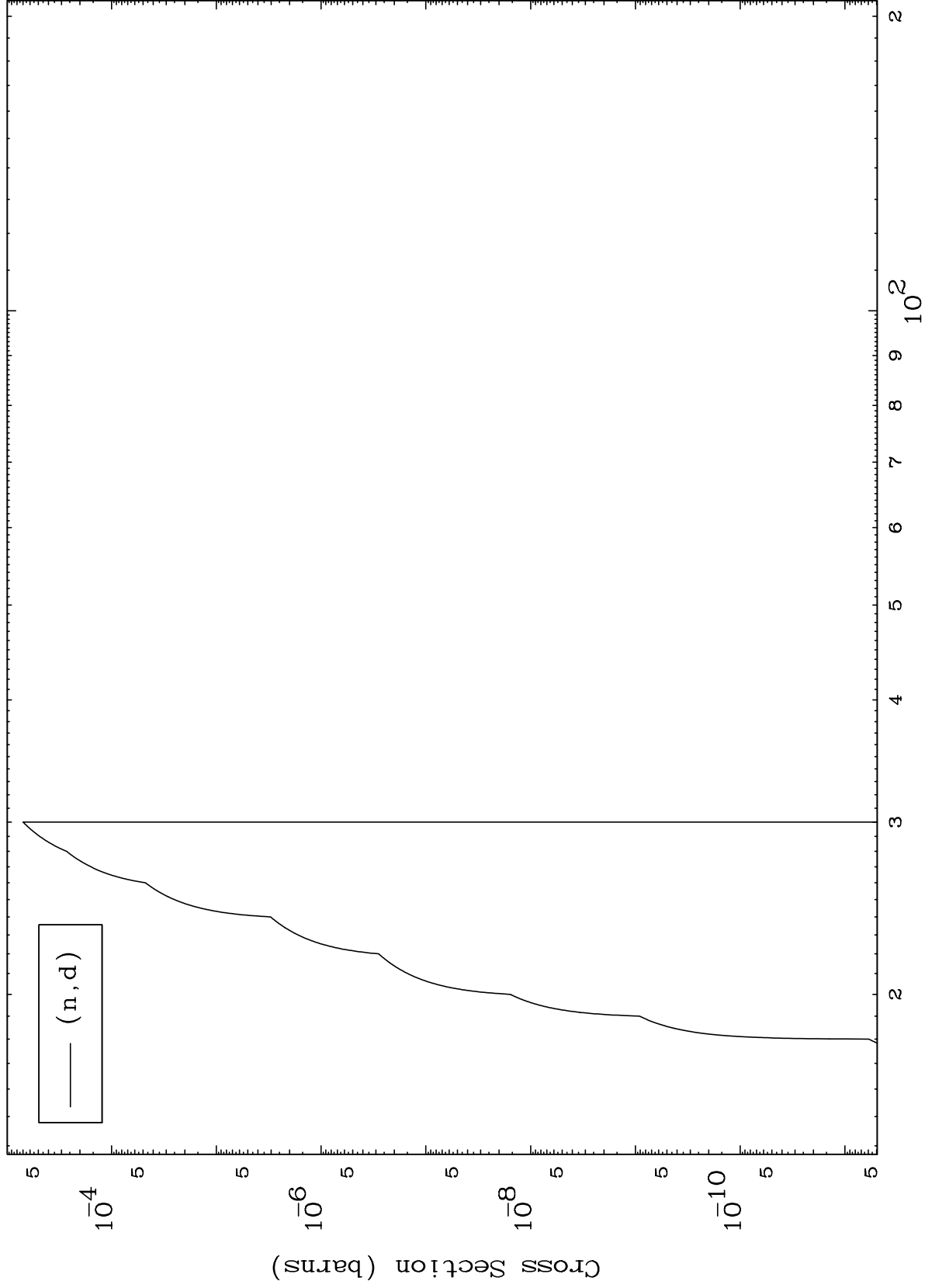
70-Yb-151

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( $\alpha, d$ ) Levels

70-Yb-151

0 Kelvin Cross Sections



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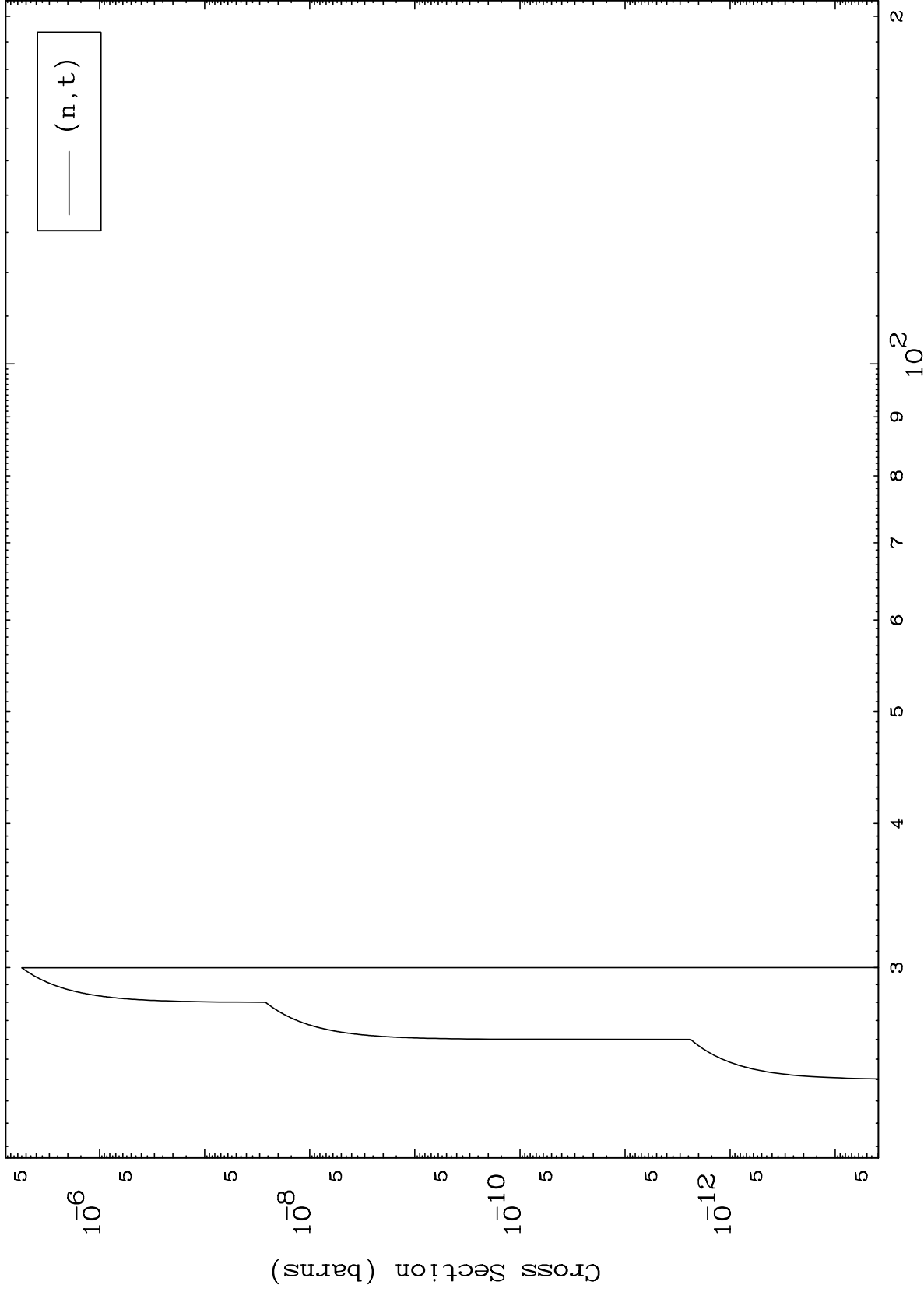
Incident Energy (MeV)

70-Yb-151

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

70-Yb-151



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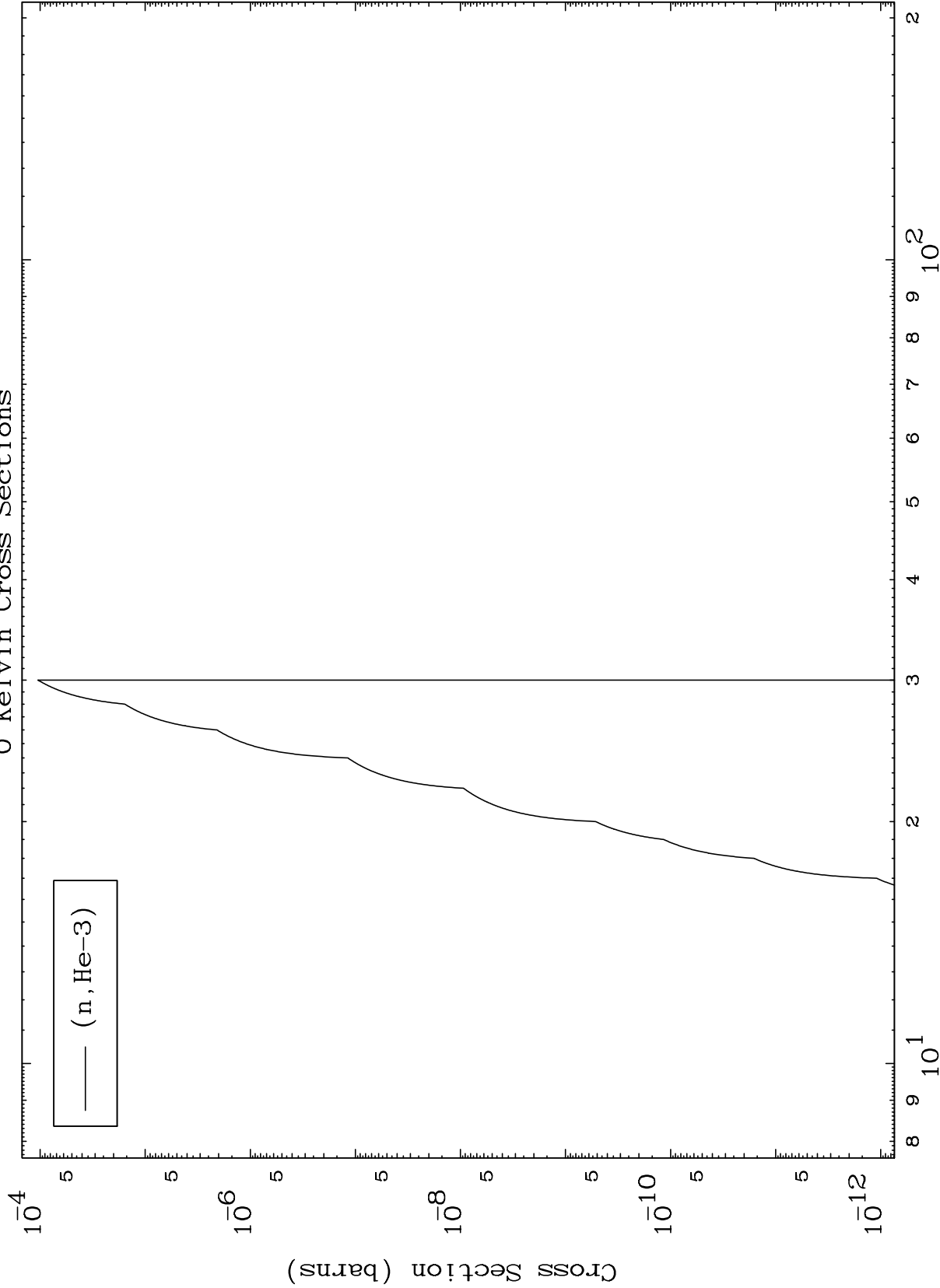
Incident Energy (MeV)

70-Yb-151

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70-Yb-151

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



70-Yb-151

Incident Energy (MeV)

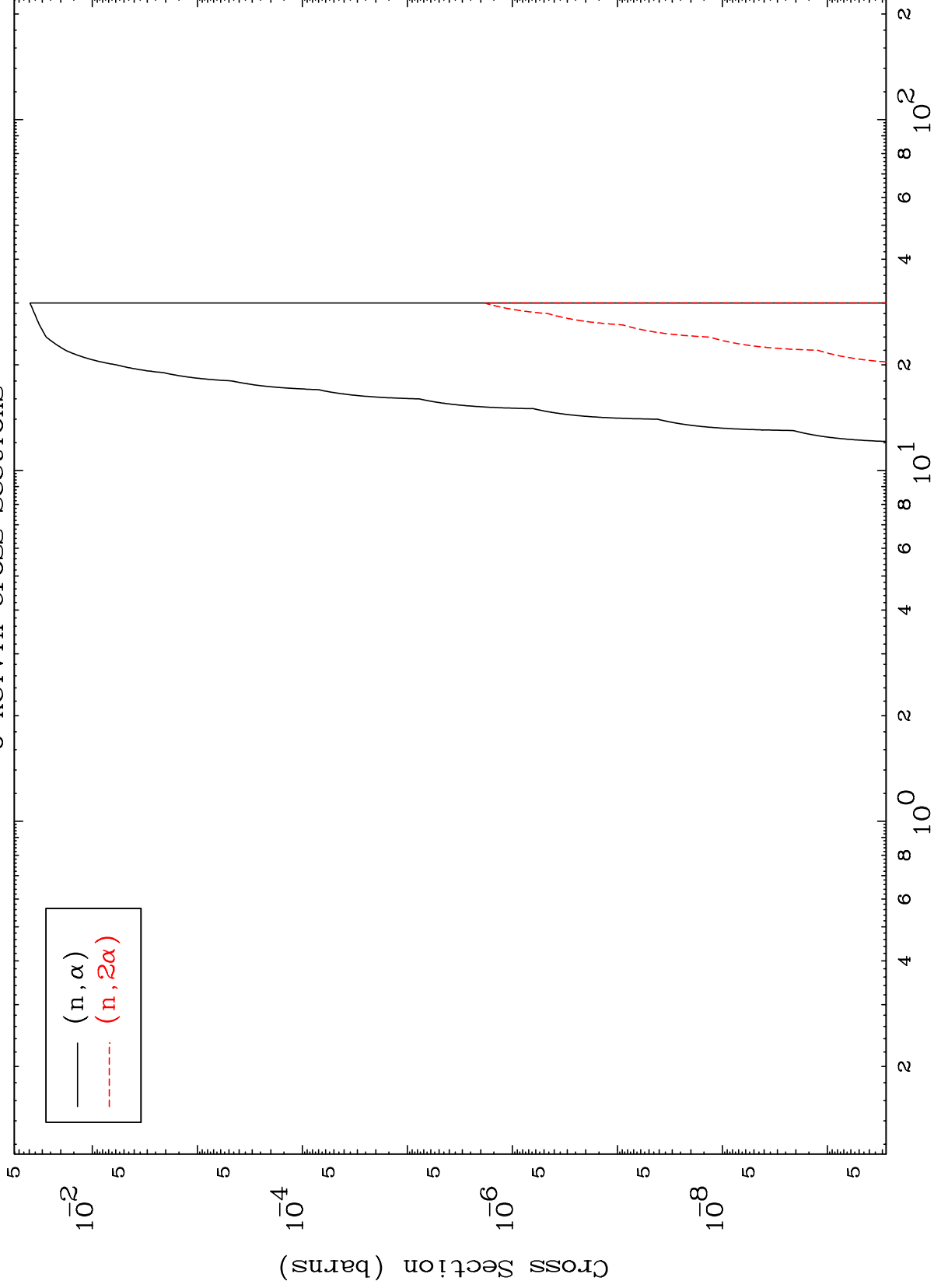
9

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( $\alpha, \alpha$ ) Levels

70-Yb-151

0 Kelvin Cross Sections



10

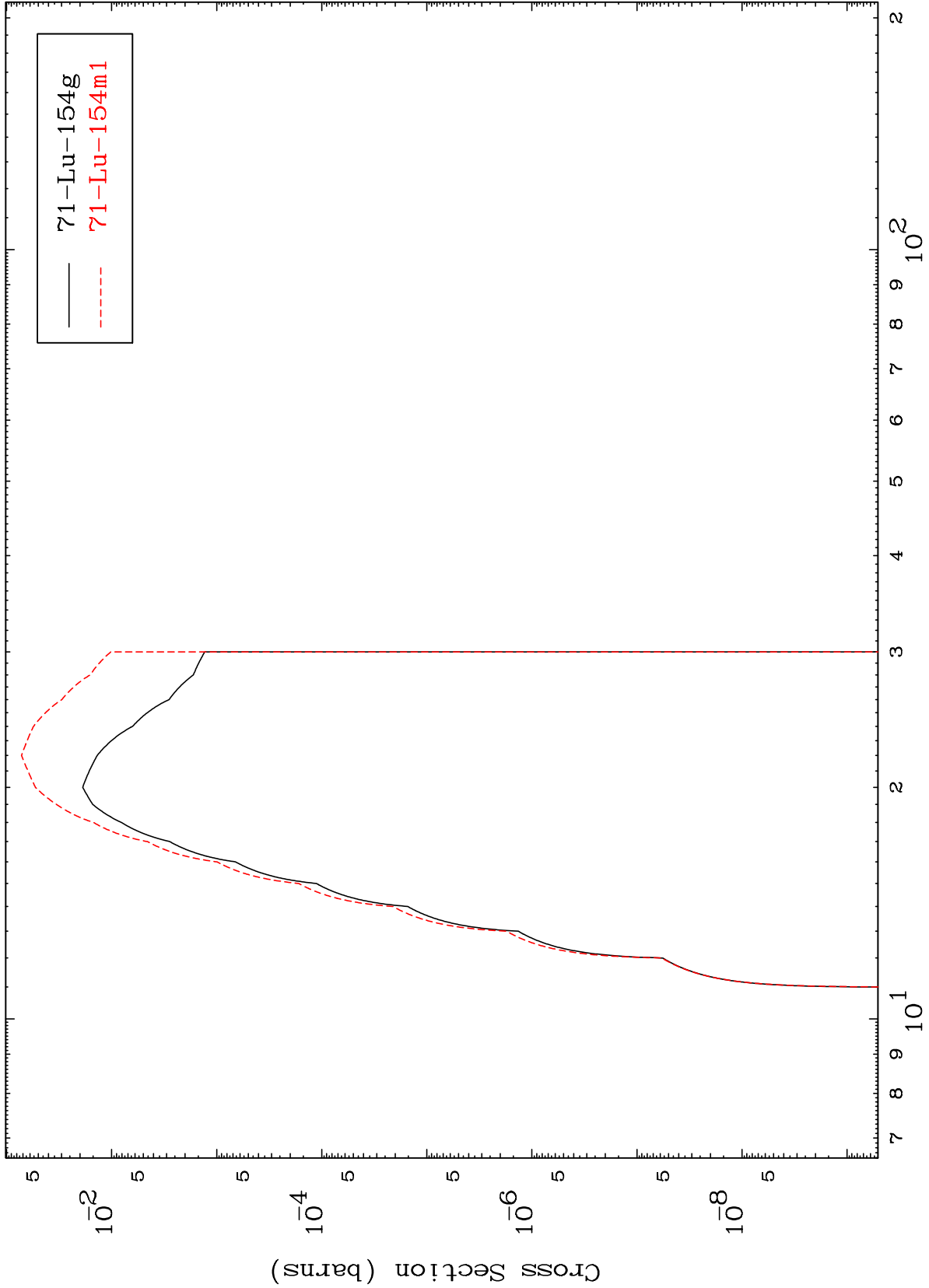
Incident Energy (MeV)

70-Yb-151

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70-Yb-151

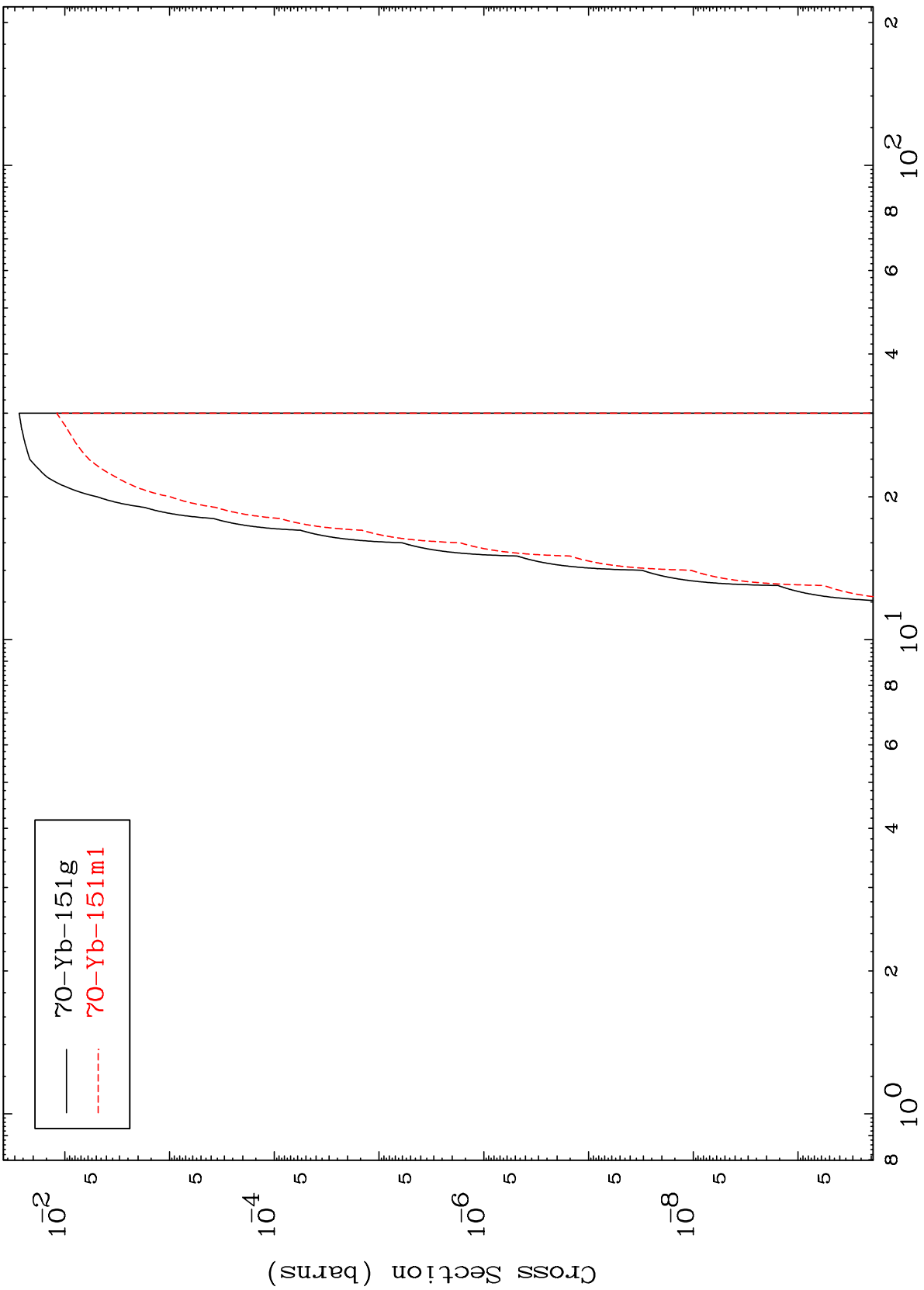
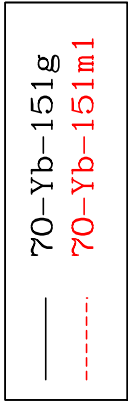
(n,p)  
Radionuclide Production Cross Section



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<sup>70</sup>Yb-151

Radionuclide Production Cross Section



<sup>70</sup>Yb-151

Incident Energy (MeV)

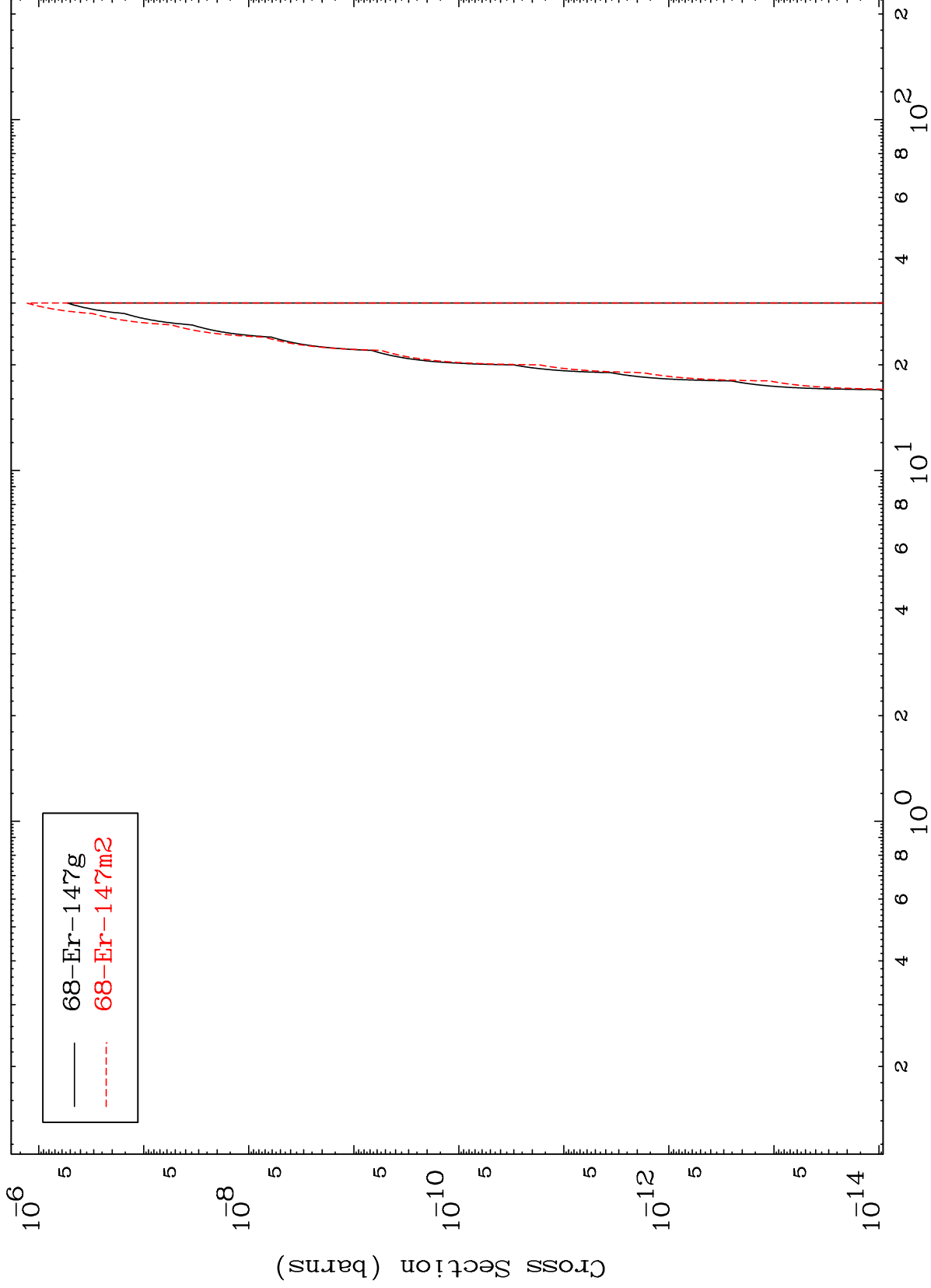
12

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(n,2α)

70-Yb-151

Radionuclide Production Cross Section

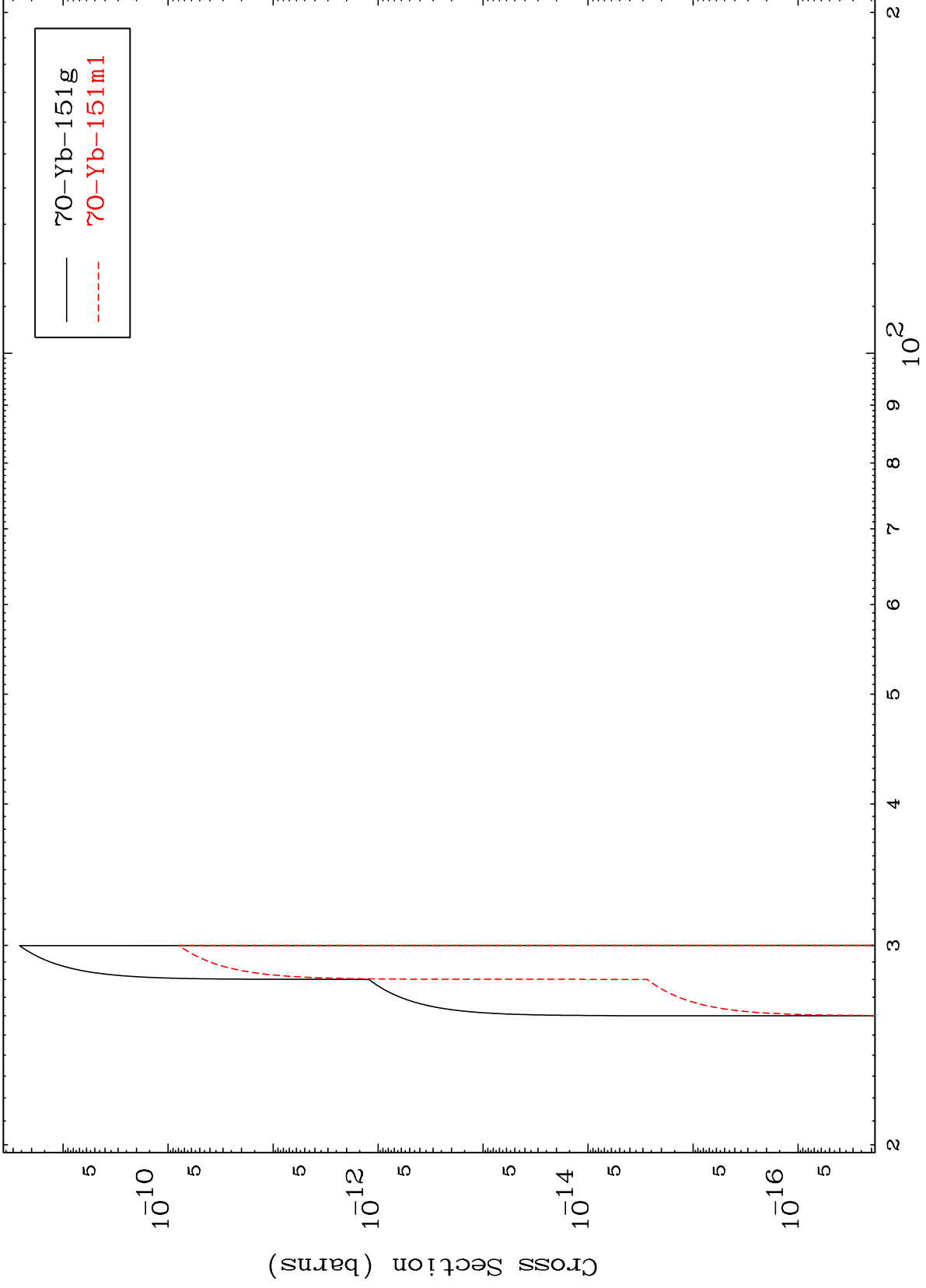


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(n,p) t

70-Yb-151

Radionuclide Production Cross Section



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Incident Energy (MeV)

70-Yb-151