

Program EVALPLOT  
(Version 2021-1)

by

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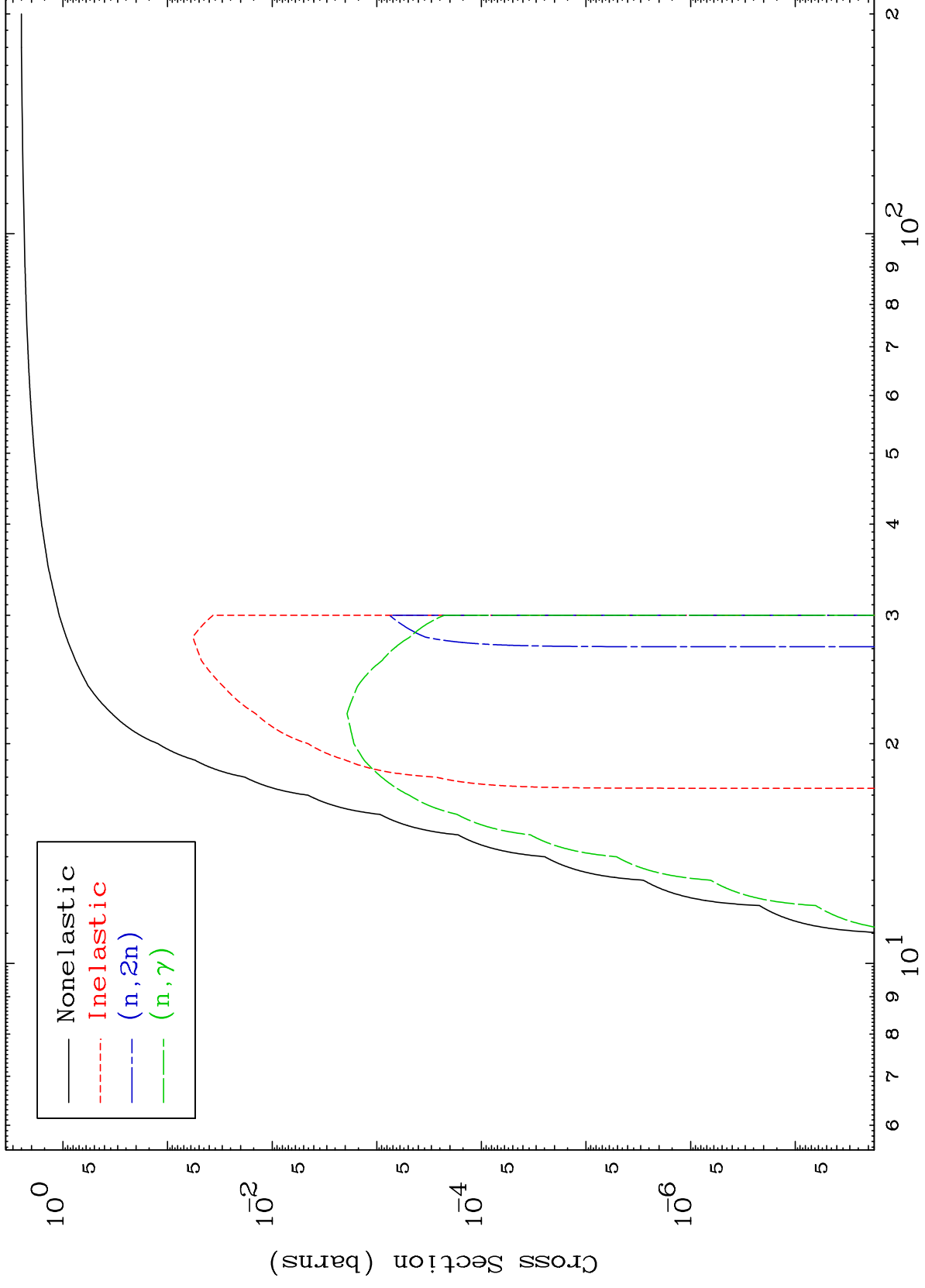
Press Mouse Button to Start

MAT 7268

0 Kelvin

$\alpha$  Major Cross Sections

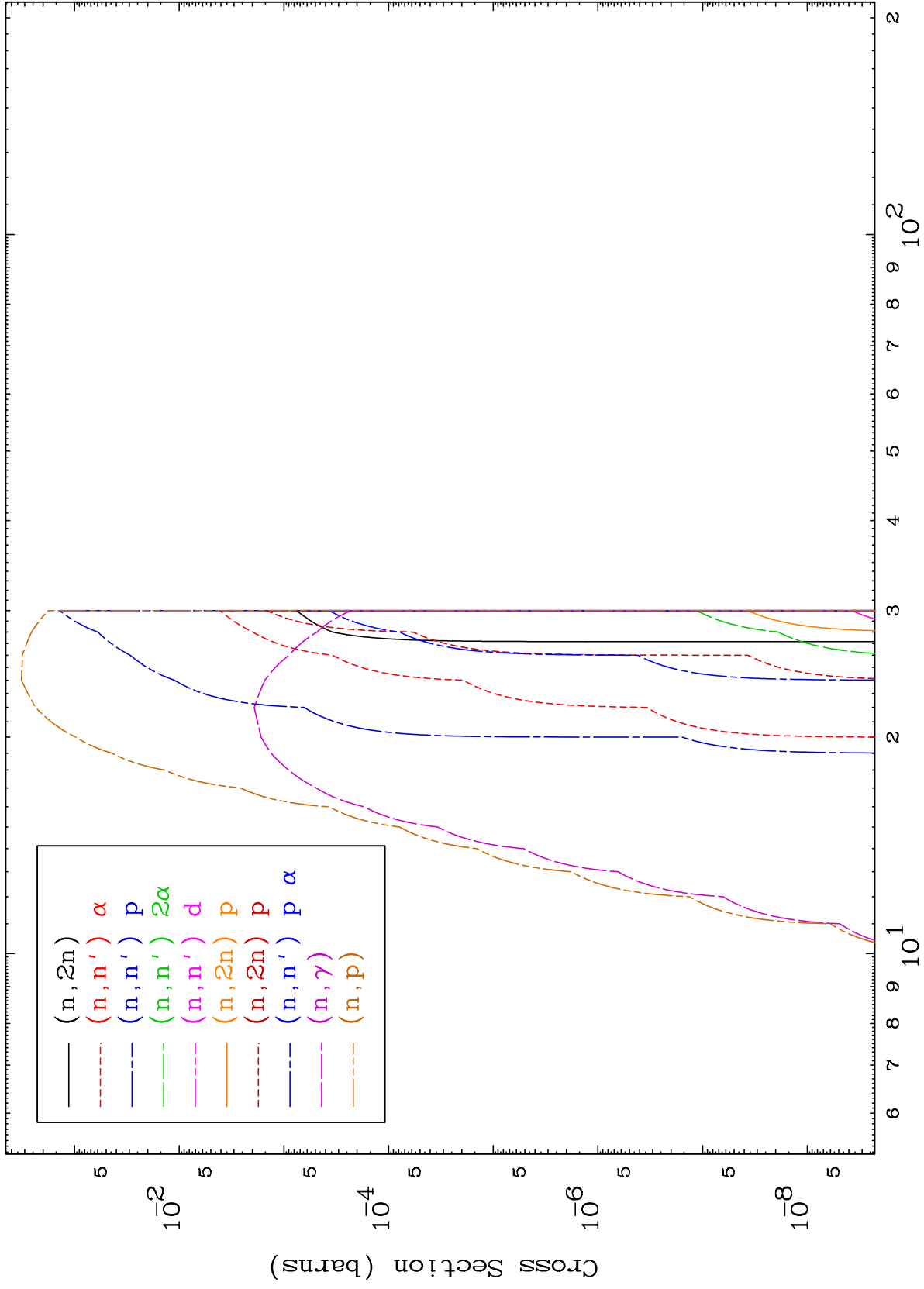
<sup>73</sup>Ta-161



1

Incident Energy (MeV)

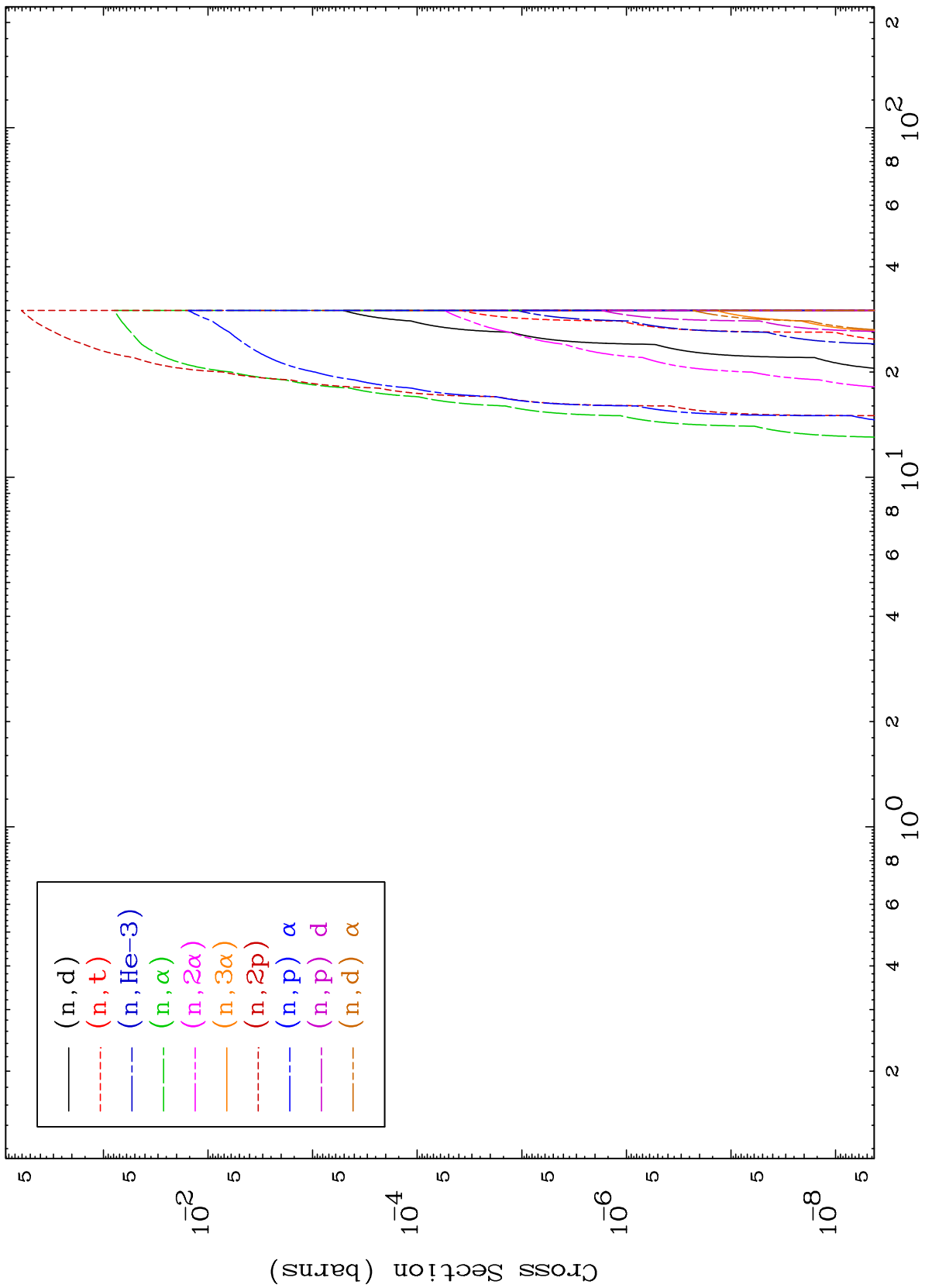
<sup>73</sup>Ta-161

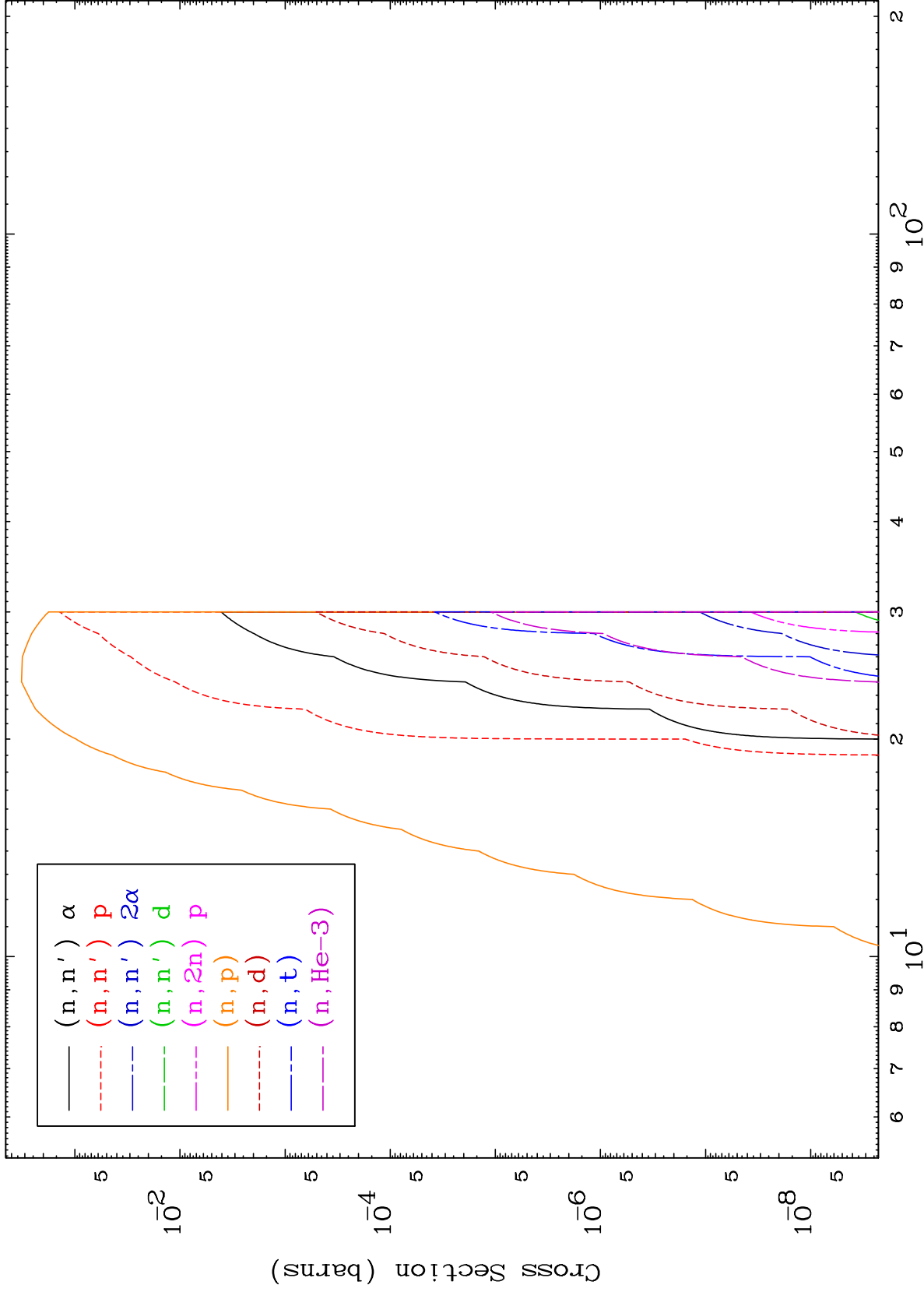


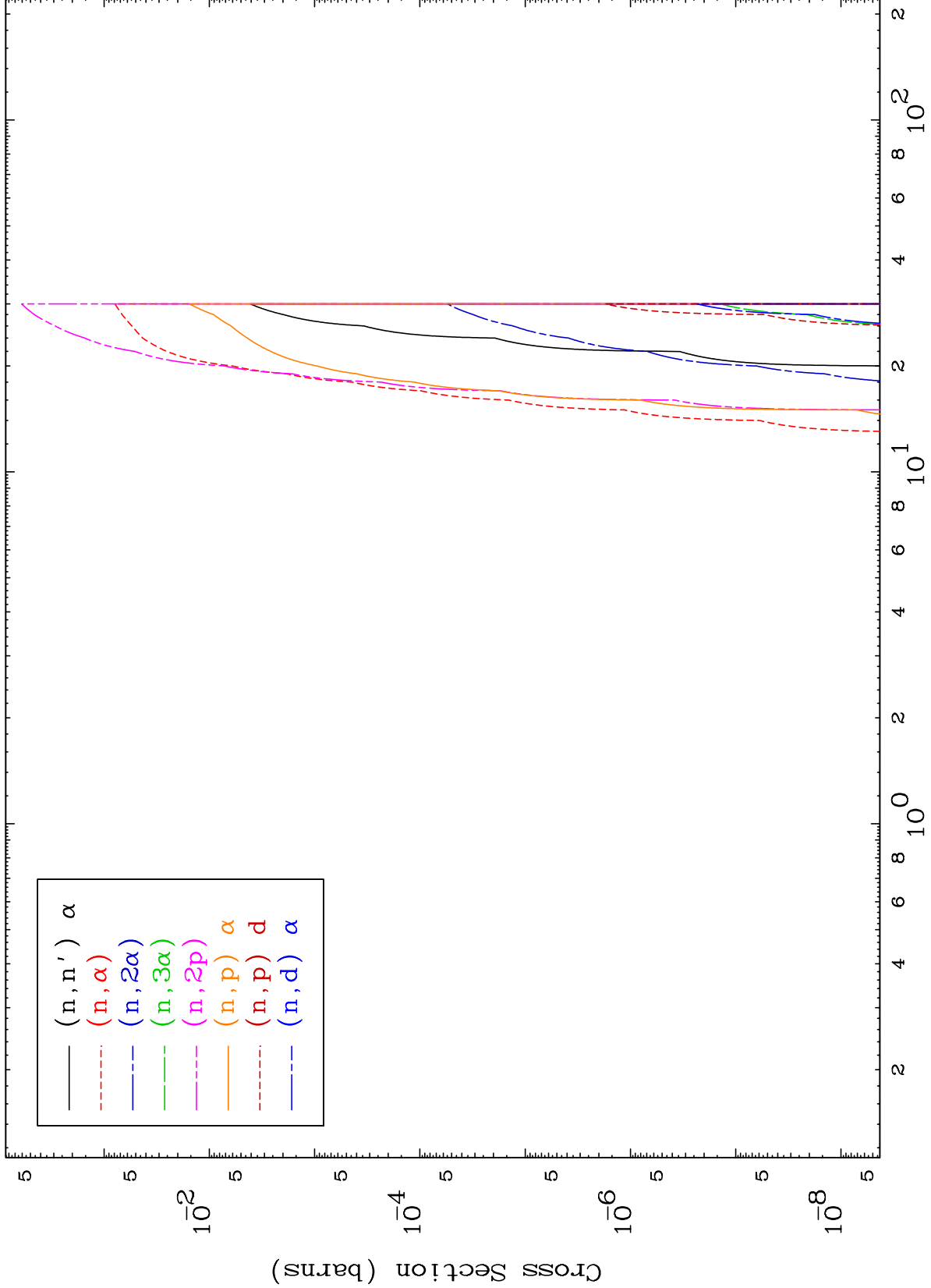
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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

73-Ta-161



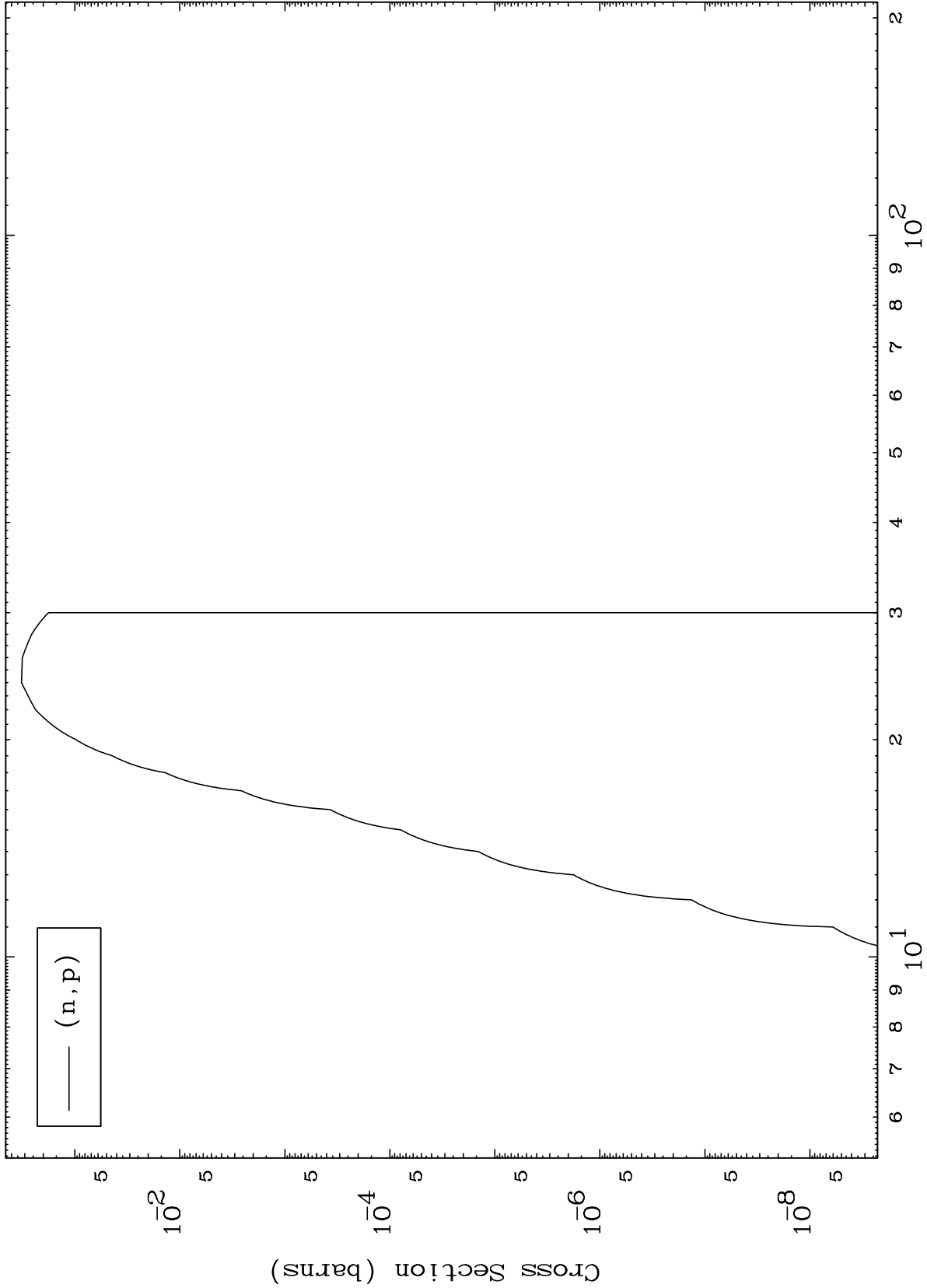




MAT 7268

73-Ta-161

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



6

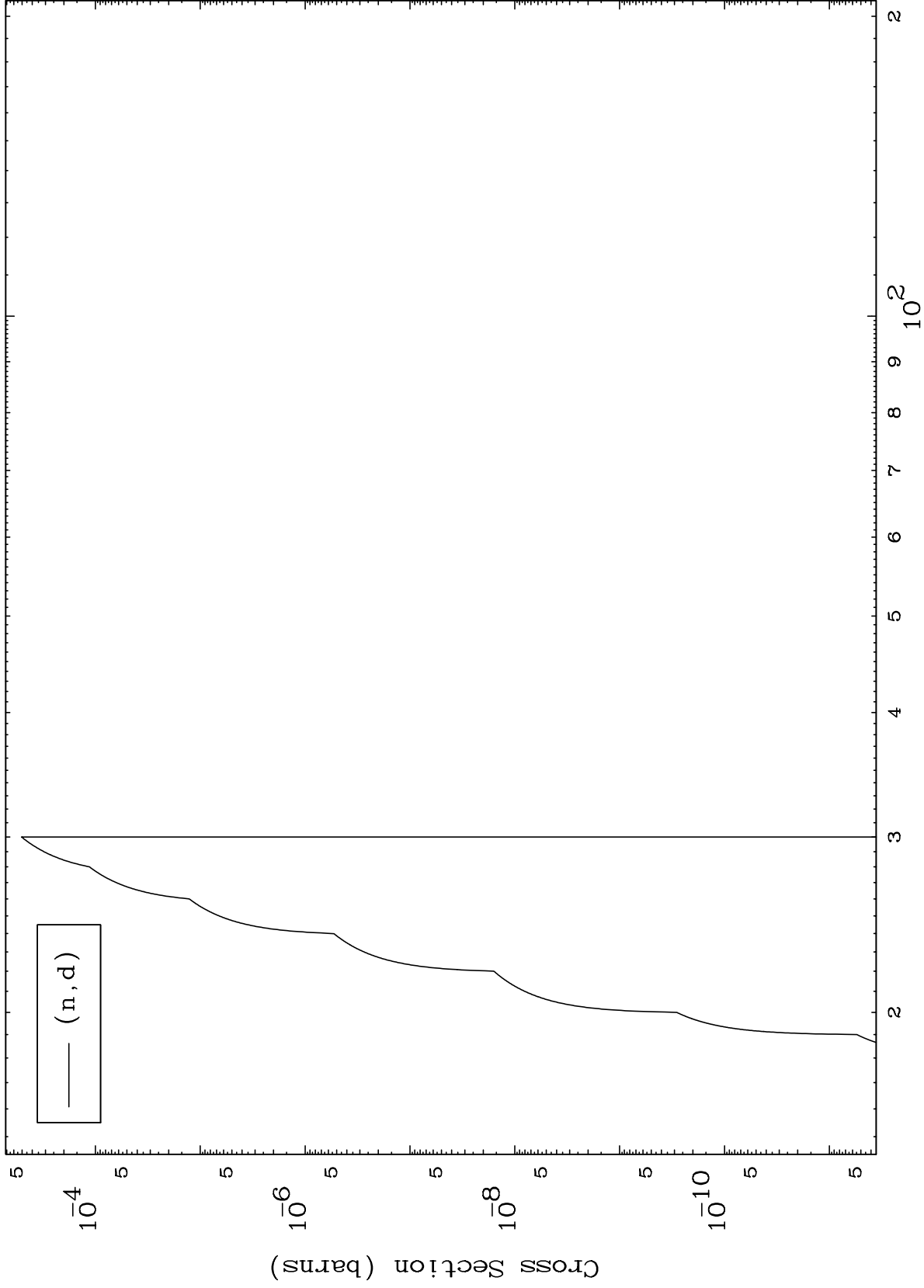
Incident Energy (MeV)

73-Ta-161

MAT 7268

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

$^{73}\text{Ta-161}$



7

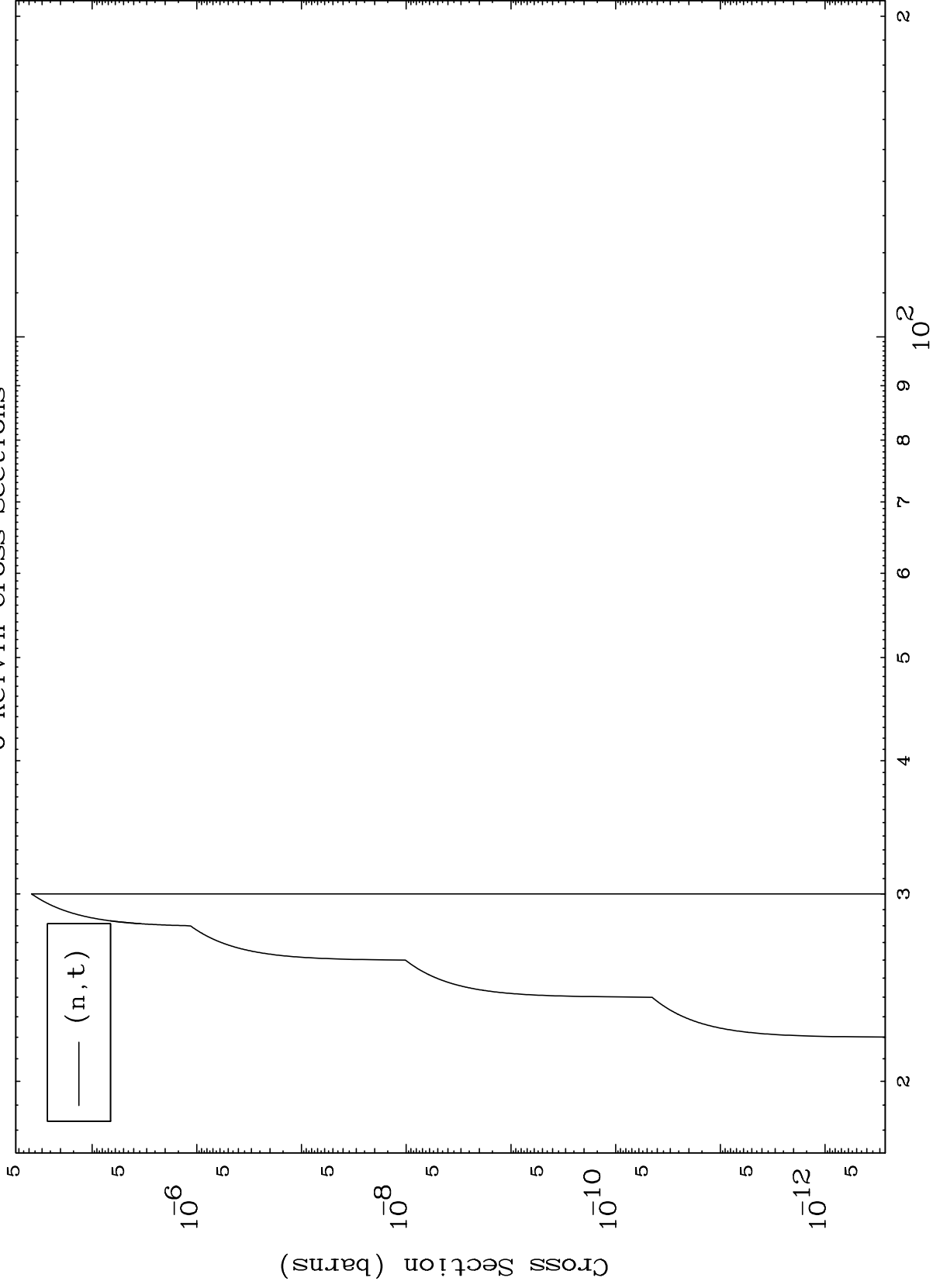
Incident Energy (MeV)

$^{73}\text{Ta-161}$

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

$^{73}\text{Ta-161}$

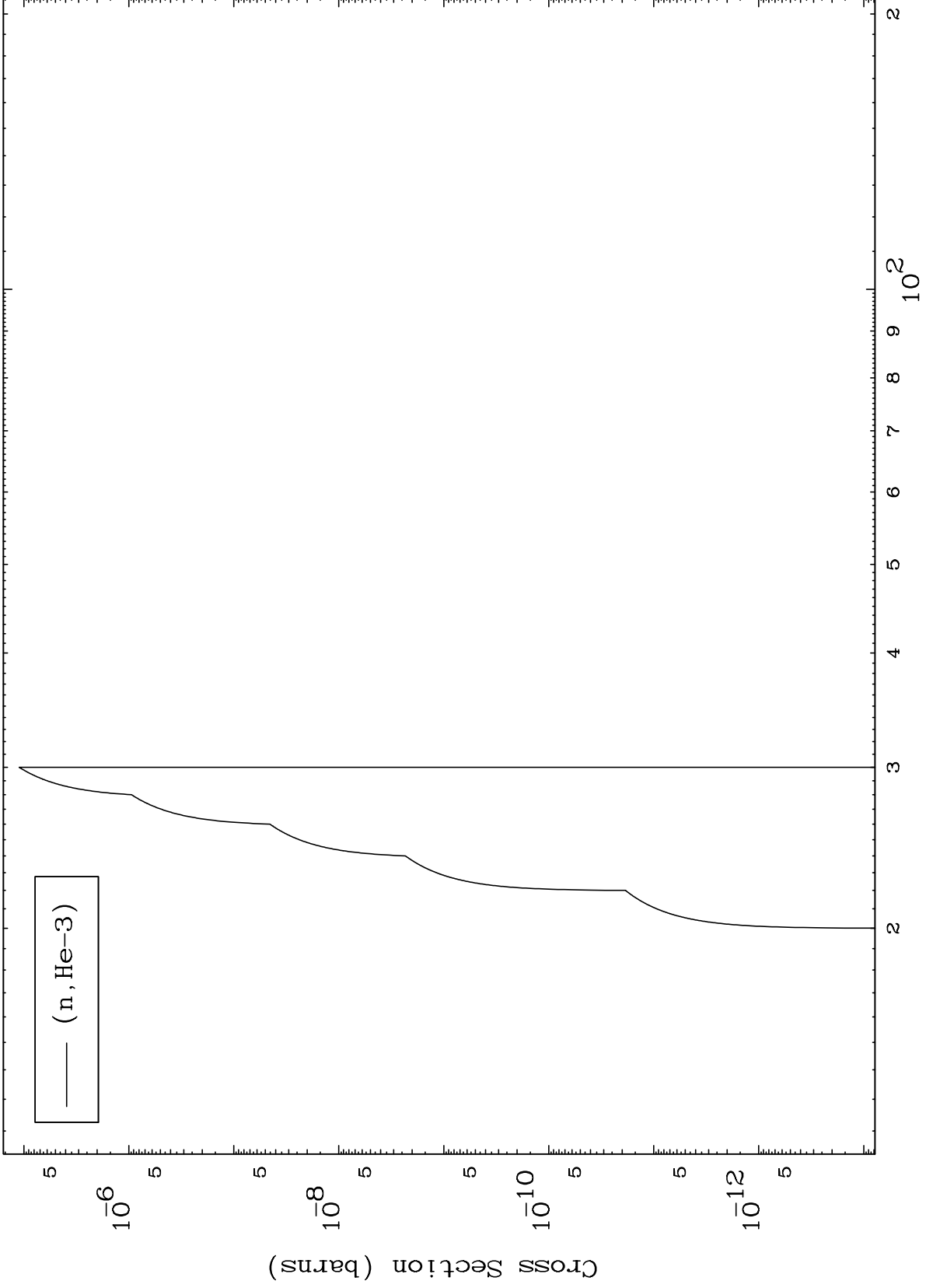


8

Incident Energy (MeV)

$^{73}\text{Ta-161}$

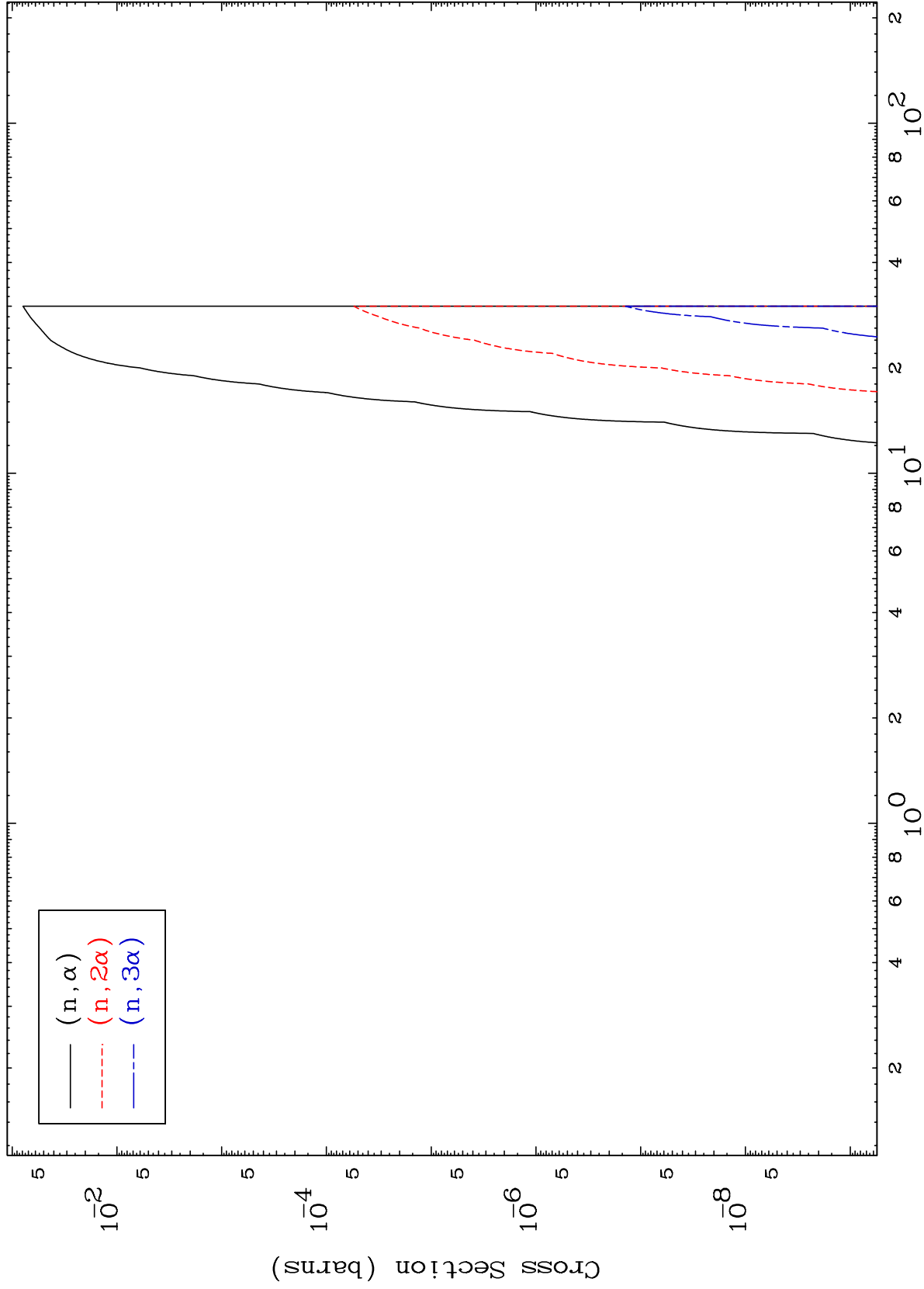
( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



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73-Ta-161

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



10

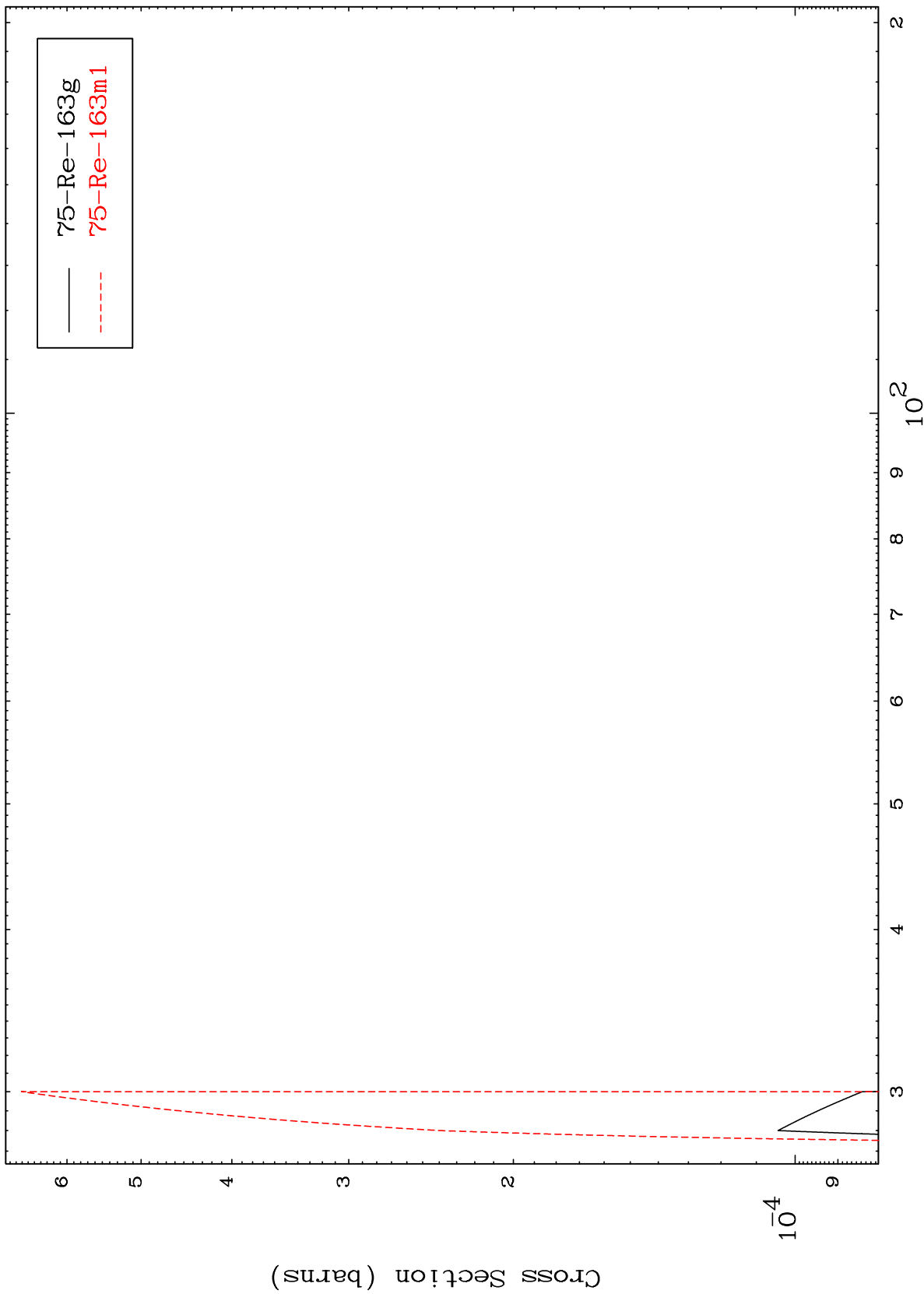
Incident Energy (MeV)

73-Ta-161

MAT 7268

<sup>73</sup>Ta-161

(n,2n)  
Radionuclide Production Cross Section



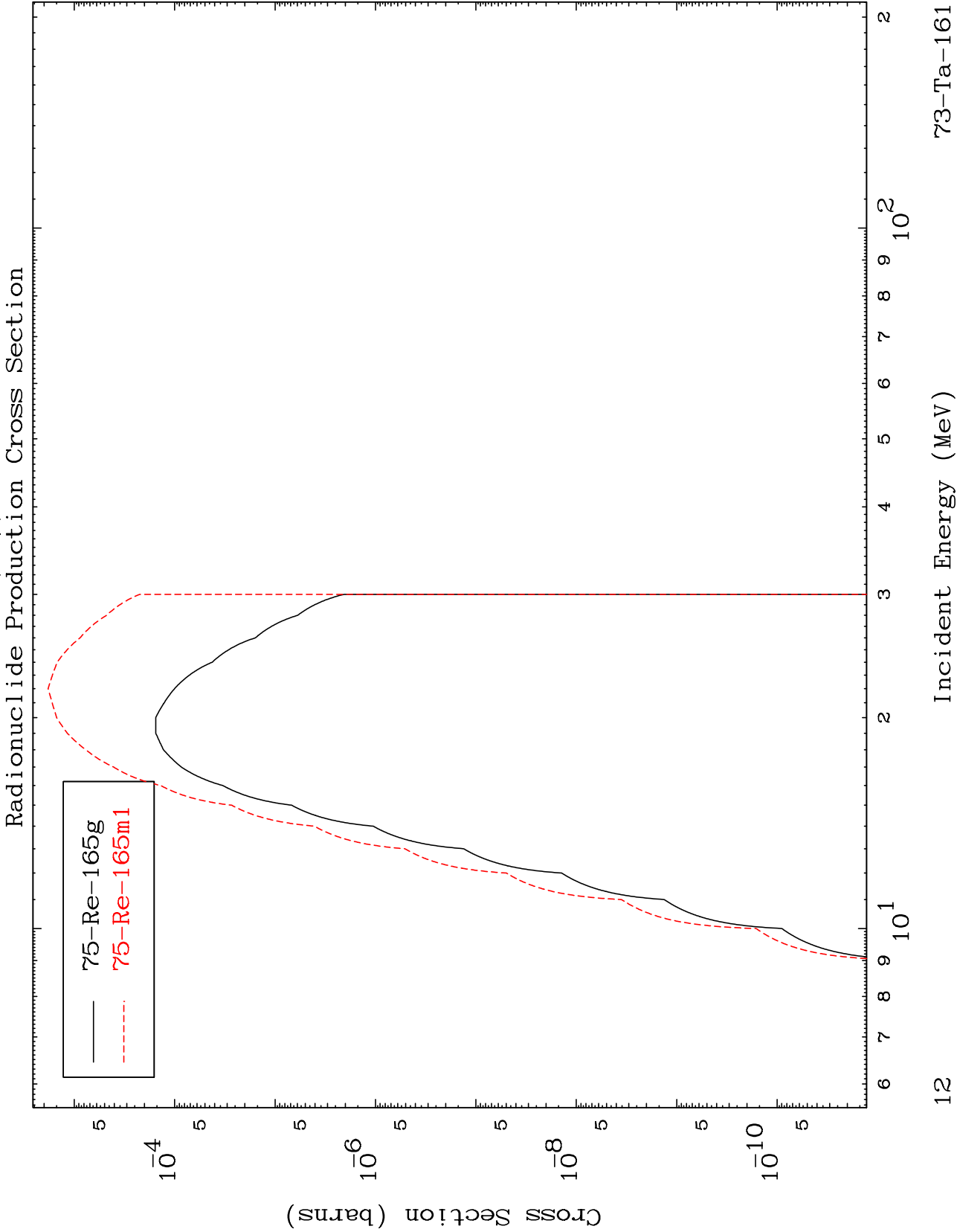
<sup>73</sup>Ta-161

Incident Energy (MeV)

11

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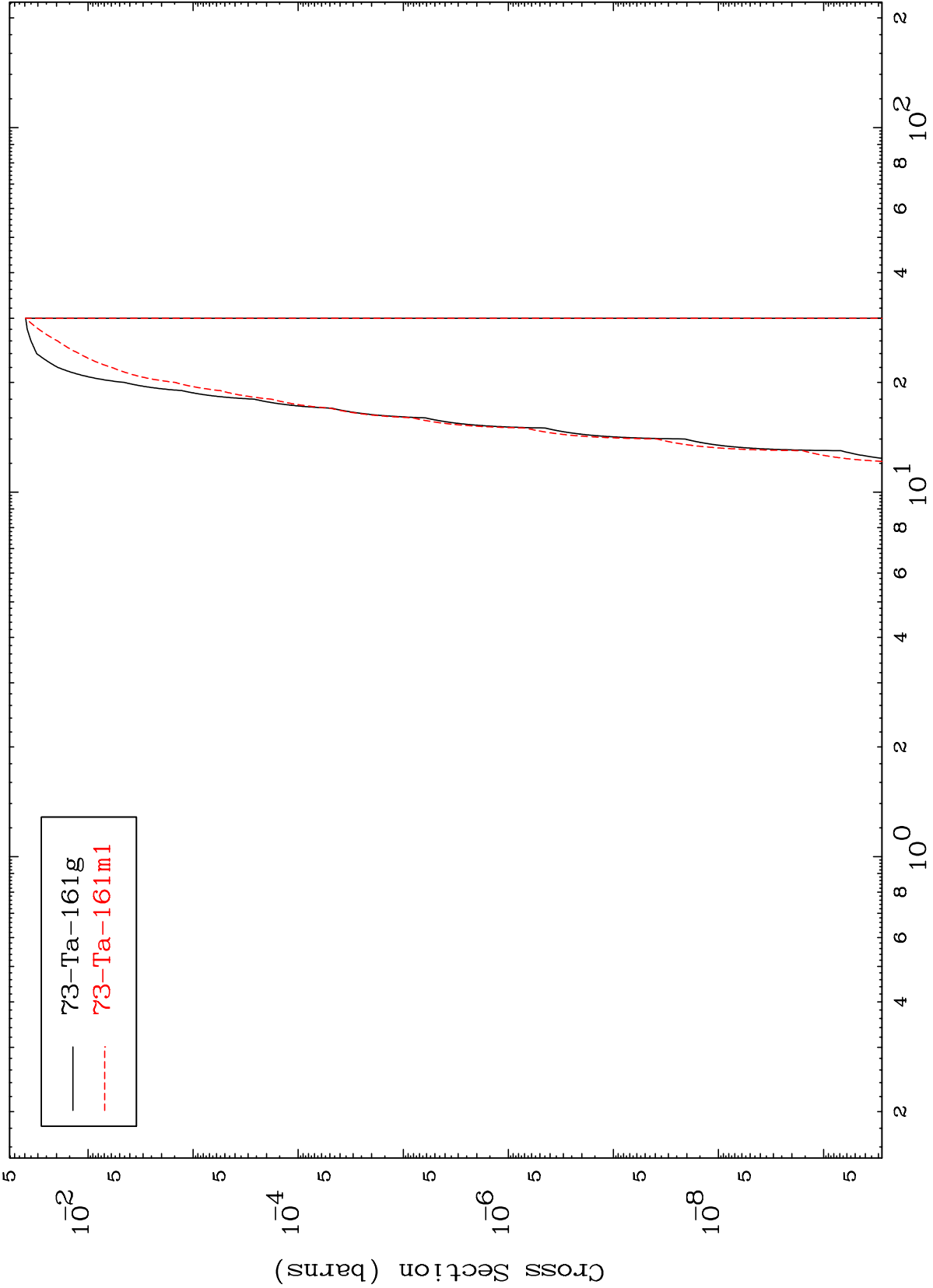
<sup>73</sup>Ta-161



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<sup>73</sup>Ta-161

(n,α)  
Radionuclide Production Cross Section



73-Ta-161g  
73-Ta-161m1

<sup>73</sup>Ta-161

Incident Energy (MeV)

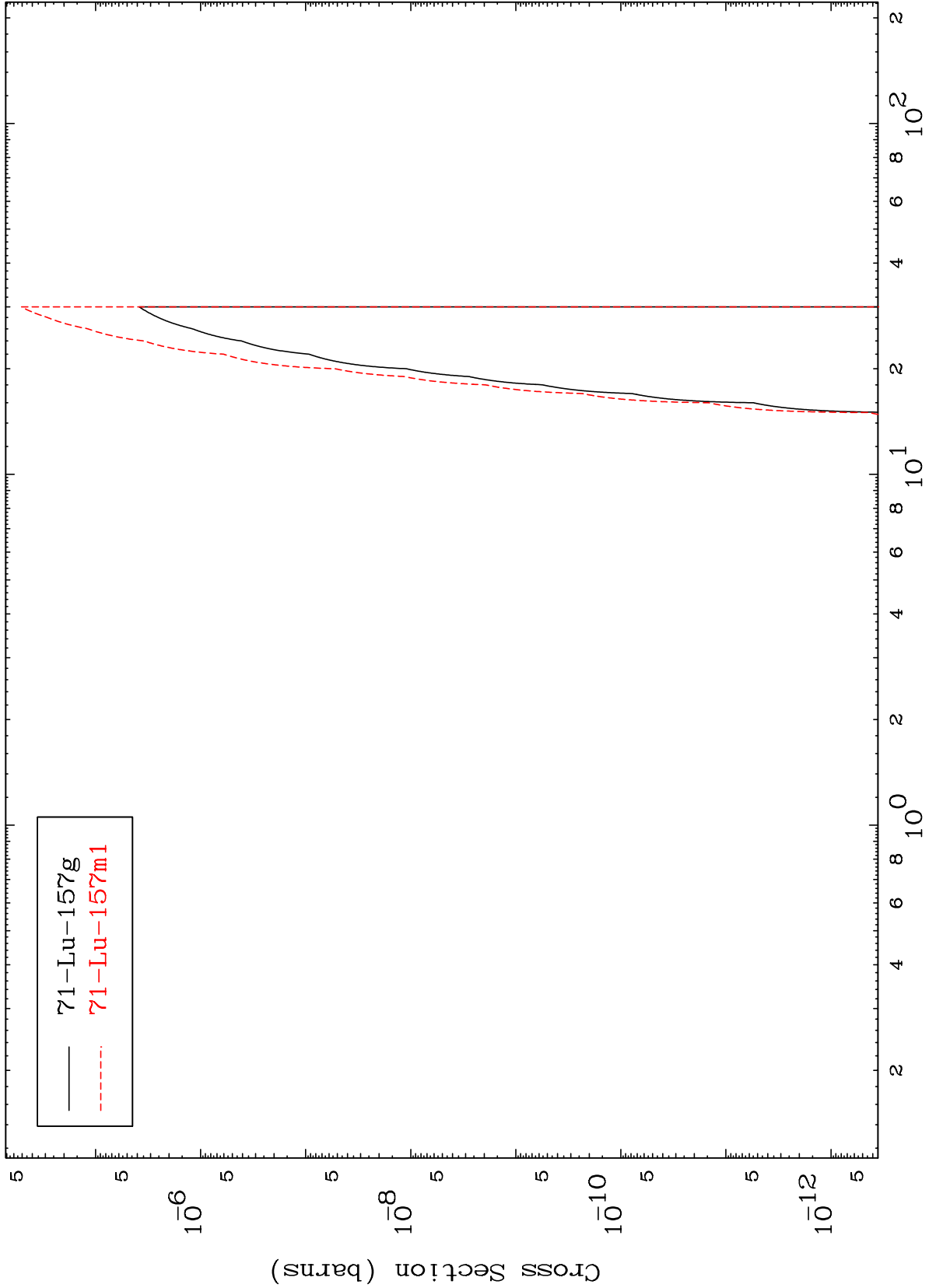
13

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(n,2α)

73-Ta-161

Radionuclide Production Cross Section

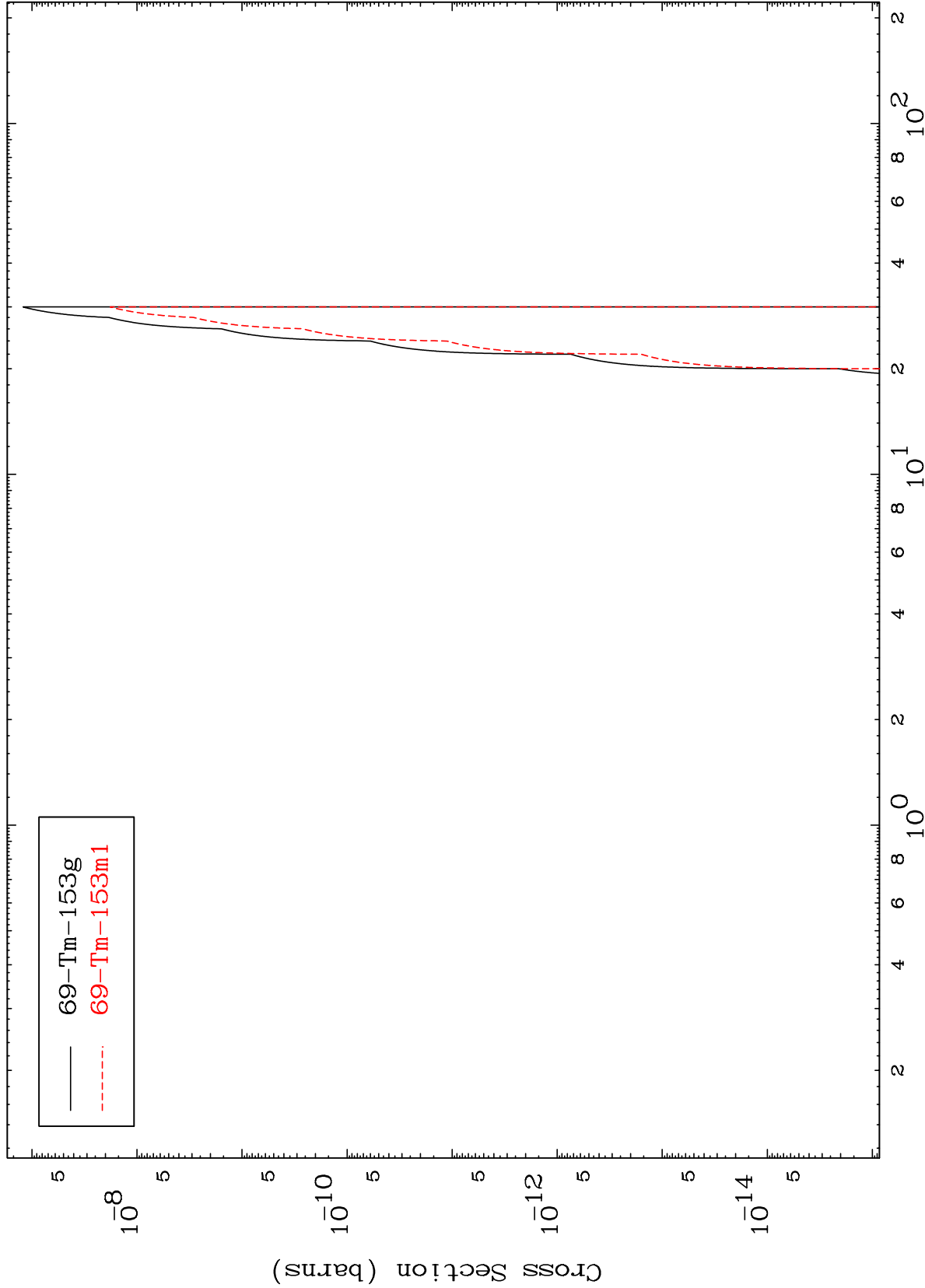


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(n, 3α)

73-Ta-161

Radionuclide Production Cross Section



— 69-Tm-153g  
- - - 69-Tm-153m1

15

Incident Energy (MeV)

73-Ta-161