

Program EVALPLOT  
(Version 2021-1)

by

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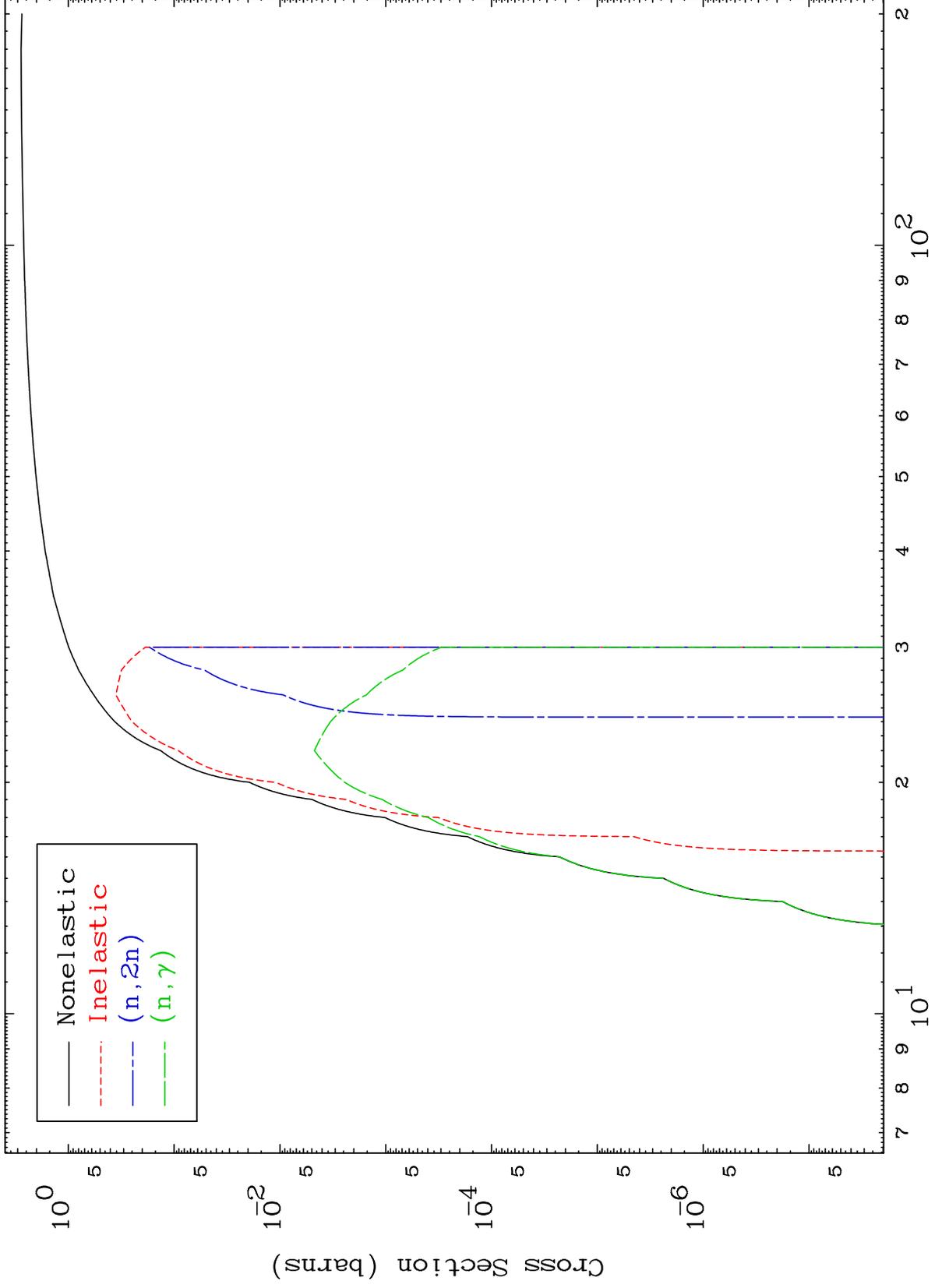
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Press Mouse Button to Start

MAT 8531

0 Kelvin Cross Sections

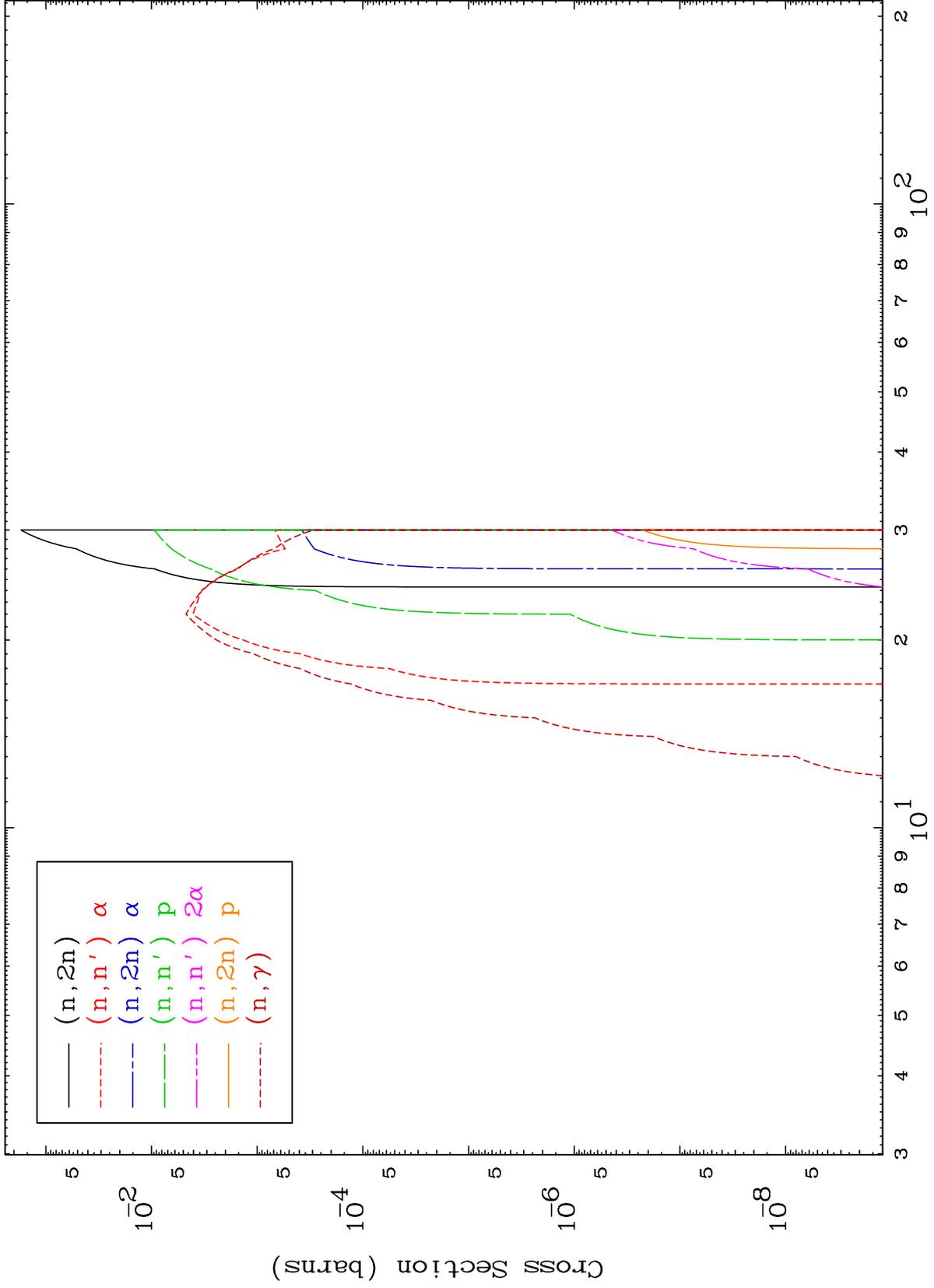
85-At-205



1

Incident Energy (MeV)

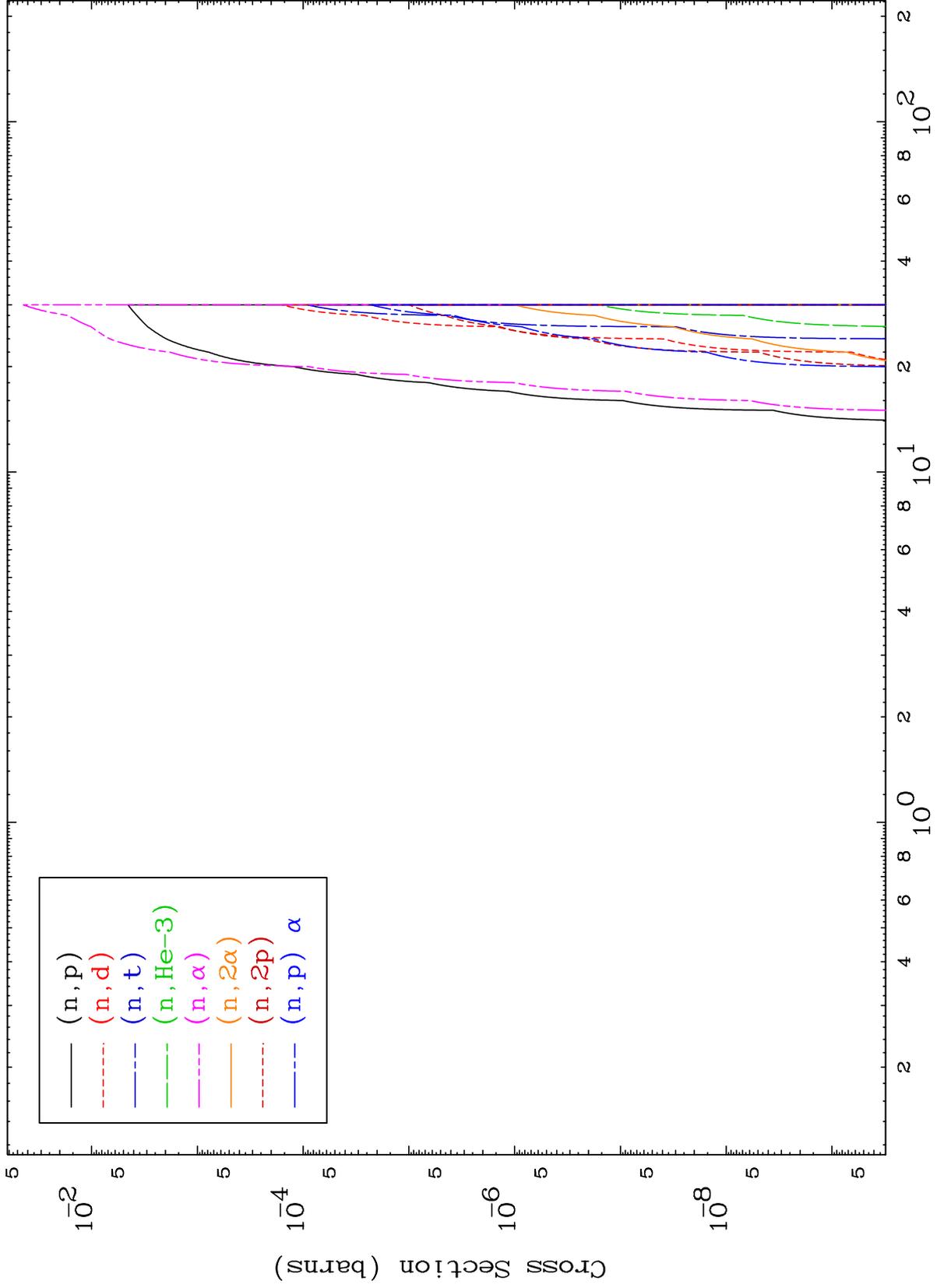
85-At-205



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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

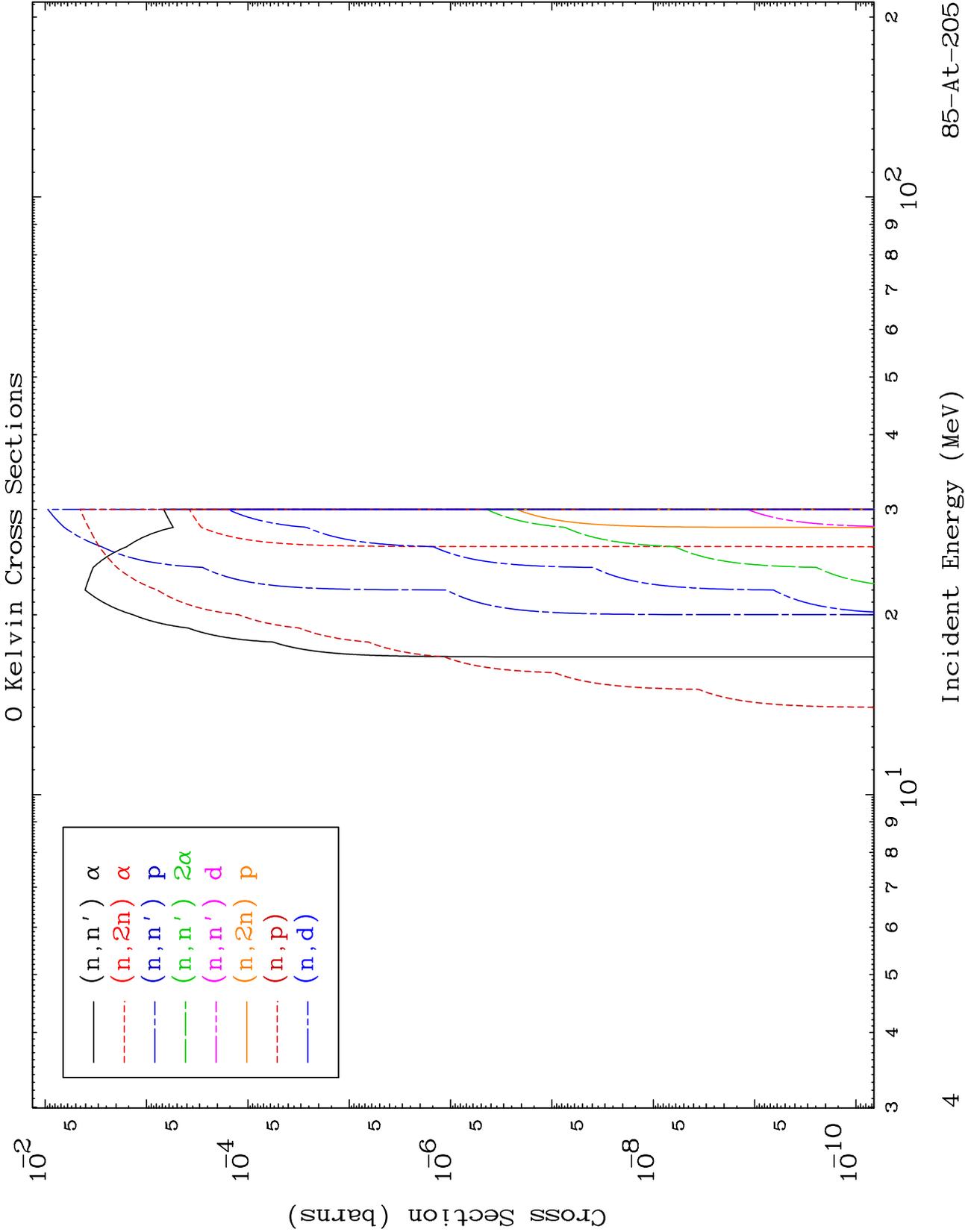
85-At-205



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$\alpha$  Charged Particle

85-At-205

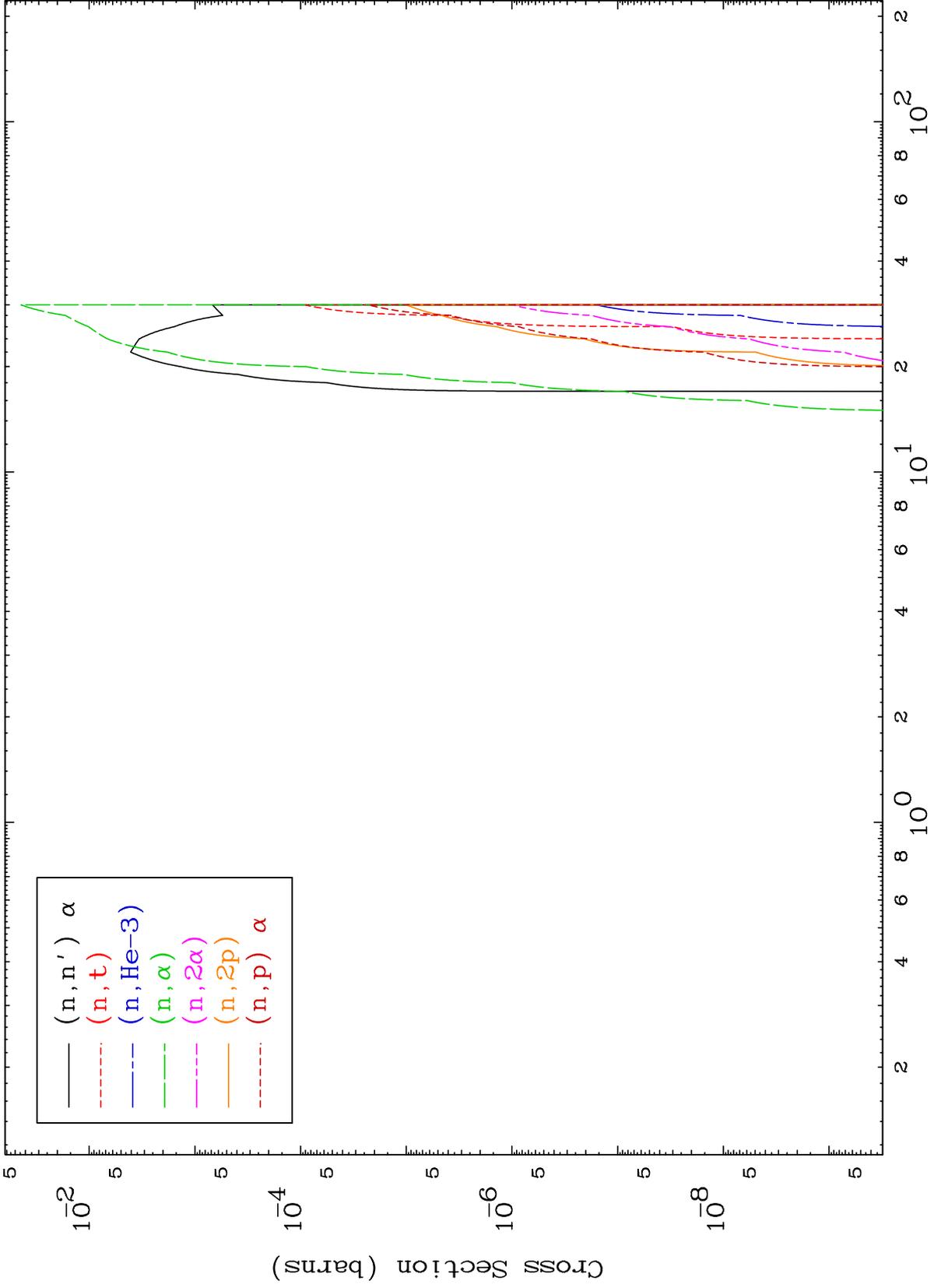


MAT 8531

$\alpha$  Charged Particle

85-At-205

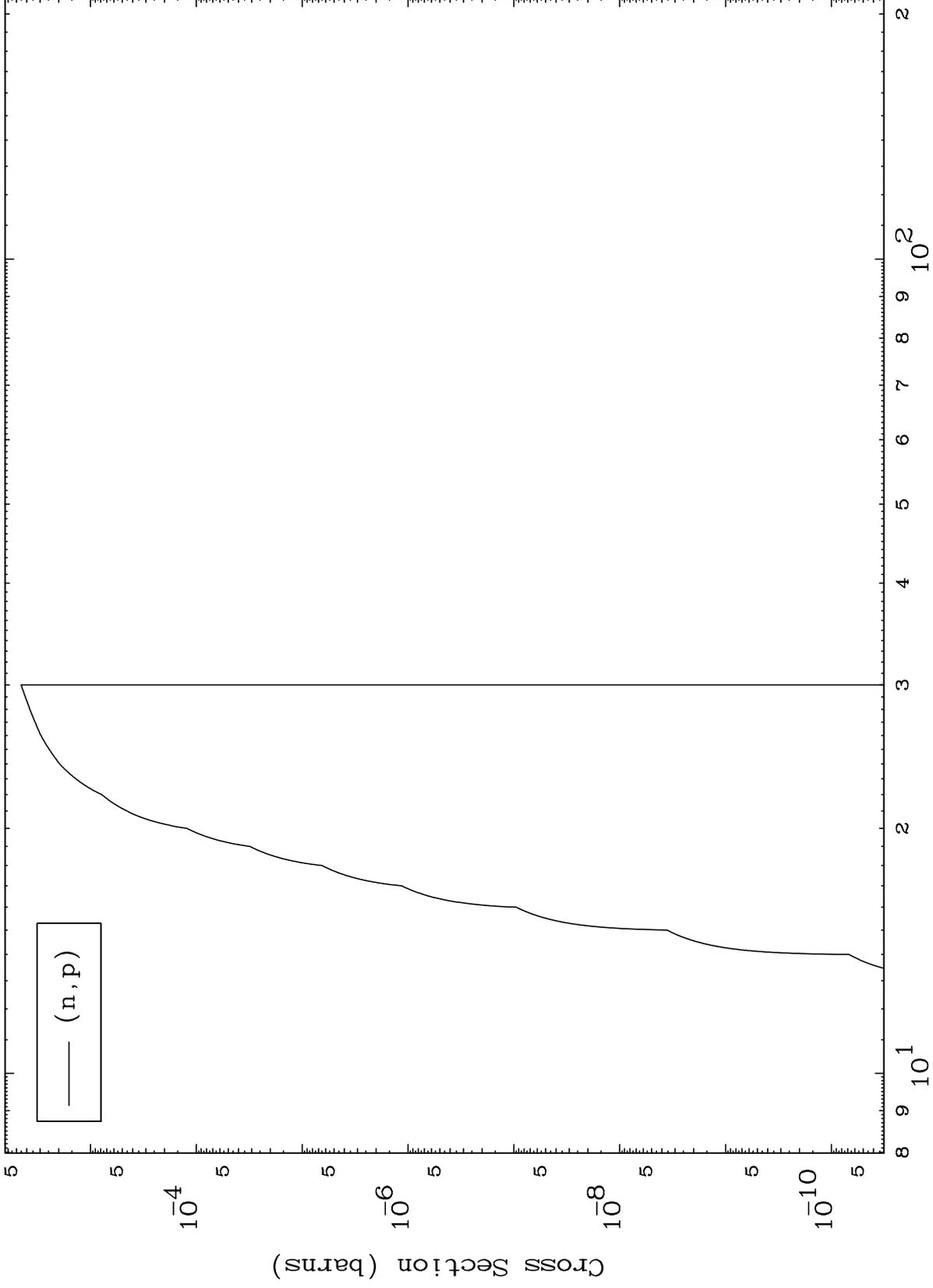
0 Kelvin Cross Sections



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

85-At-205



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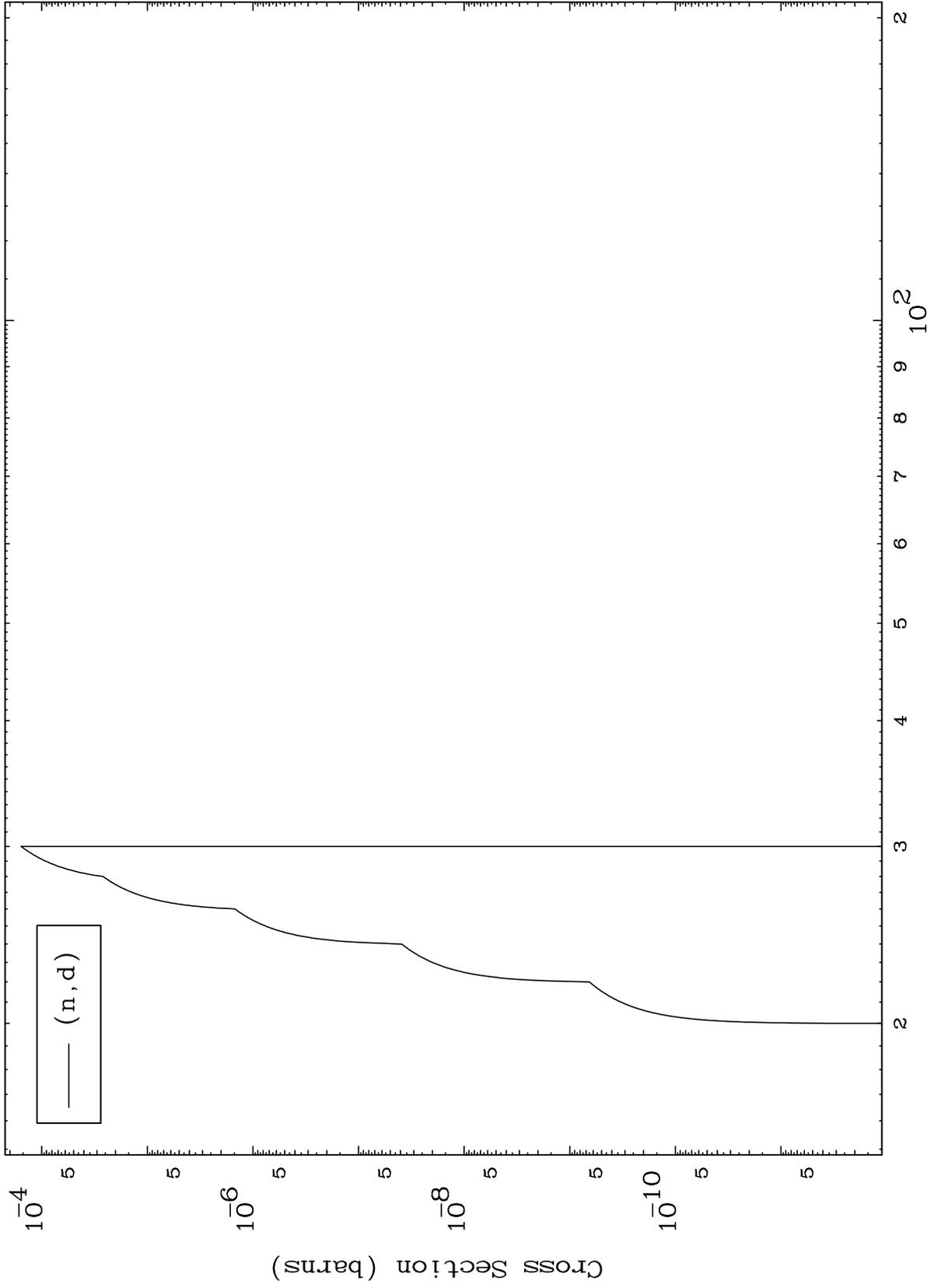
Incident Energy (MeV)

85-At-205

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

85-At-205



7

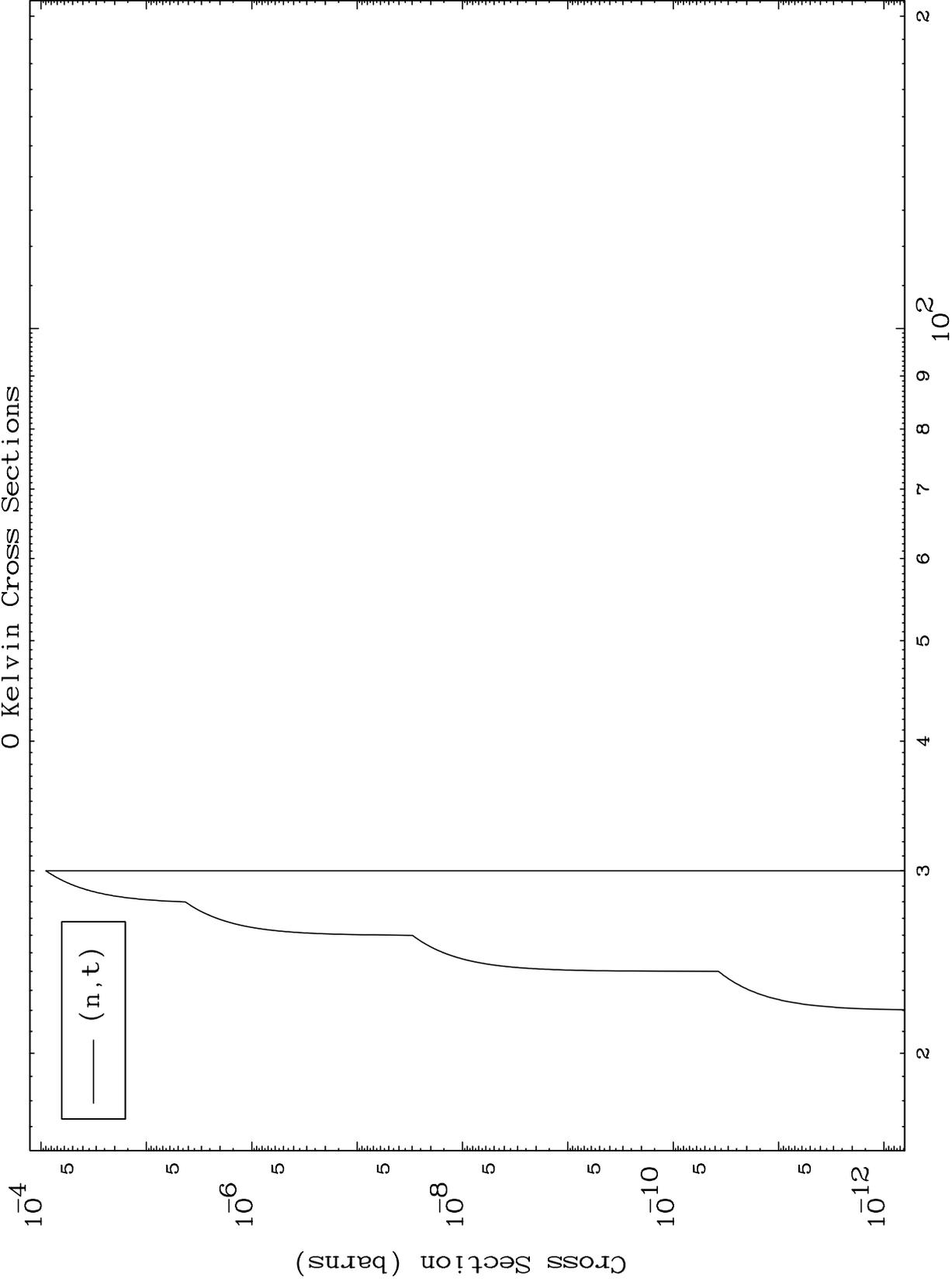
Incident Energy (MeV)

85-At-205

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85-At-205

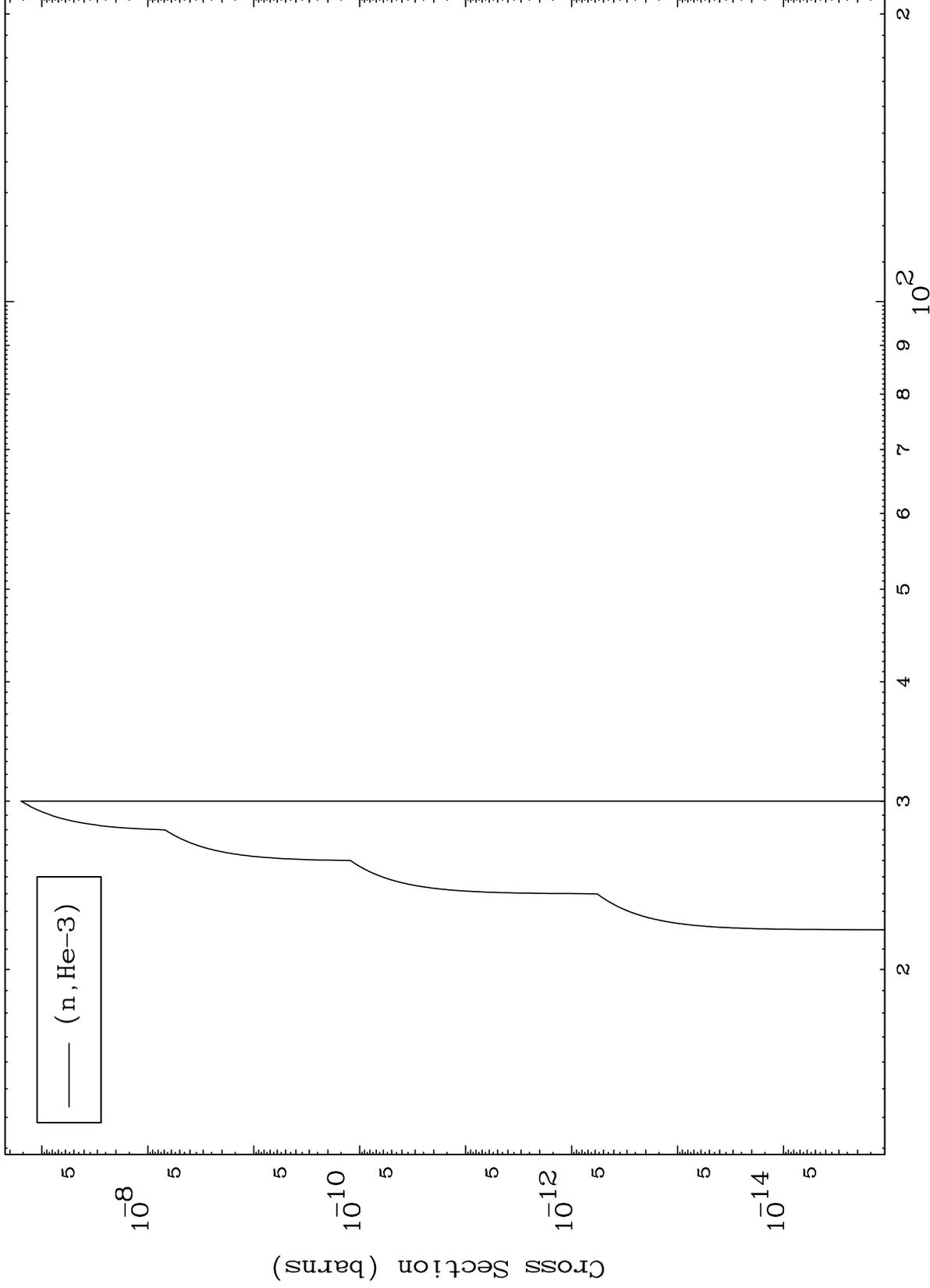
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections



8

Incident Energy (MeV)

85-At-205

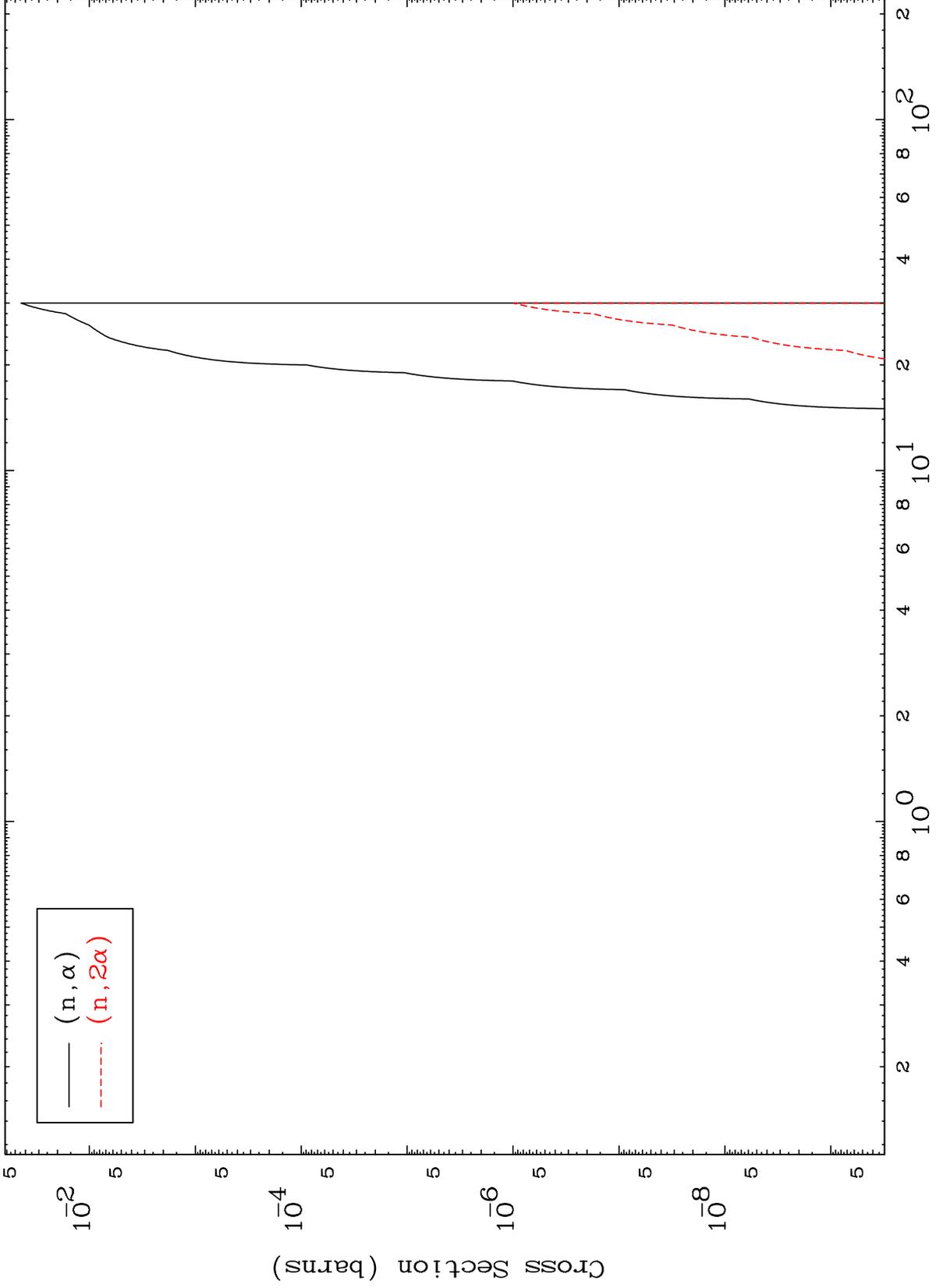


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( $\alpha, \alpha$ ) Levels

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0 Kelvin Cross Sections



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

10

Incident Energy (MeV)

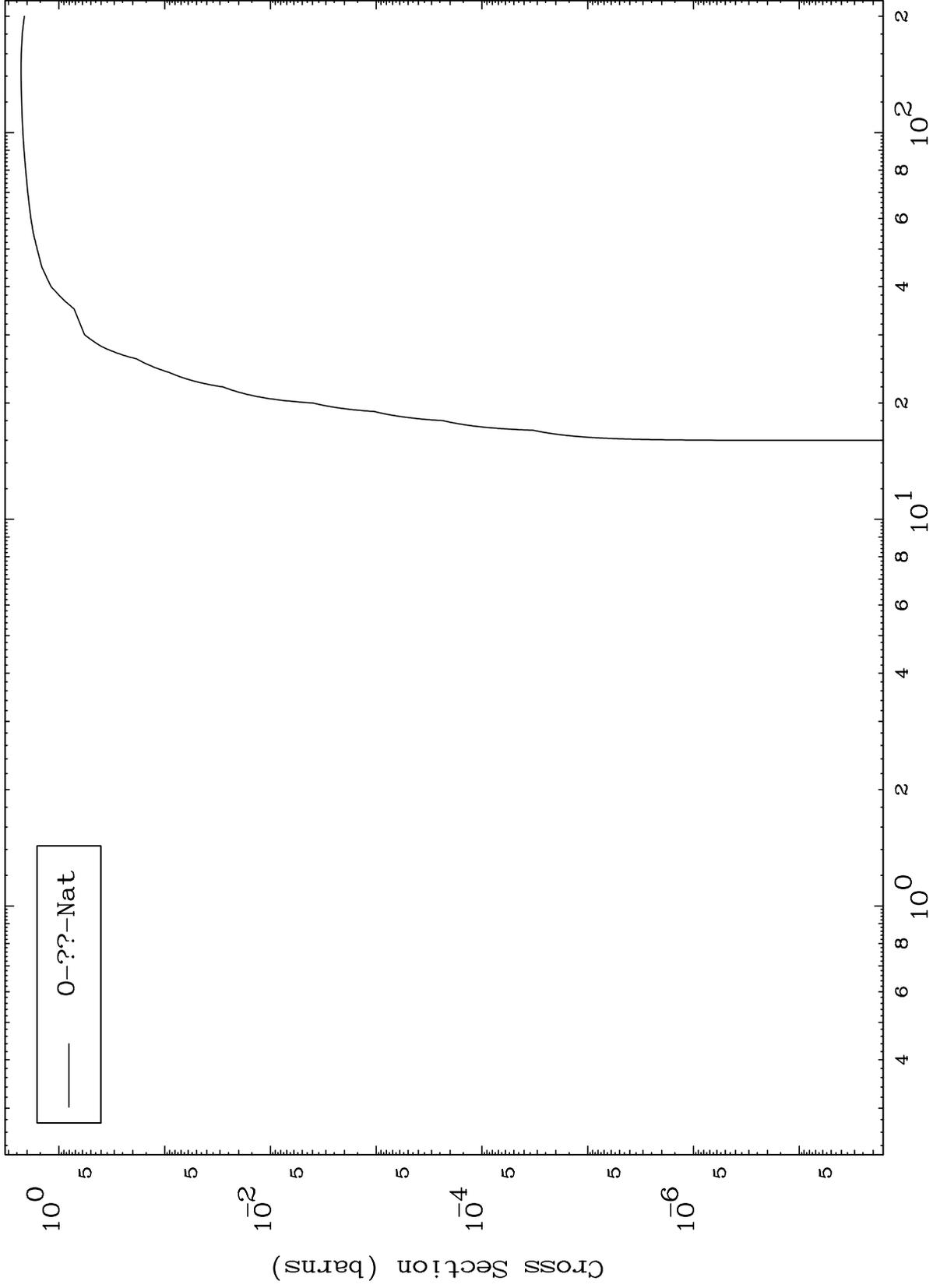
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Fission

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Radionuclide Production Cross Section

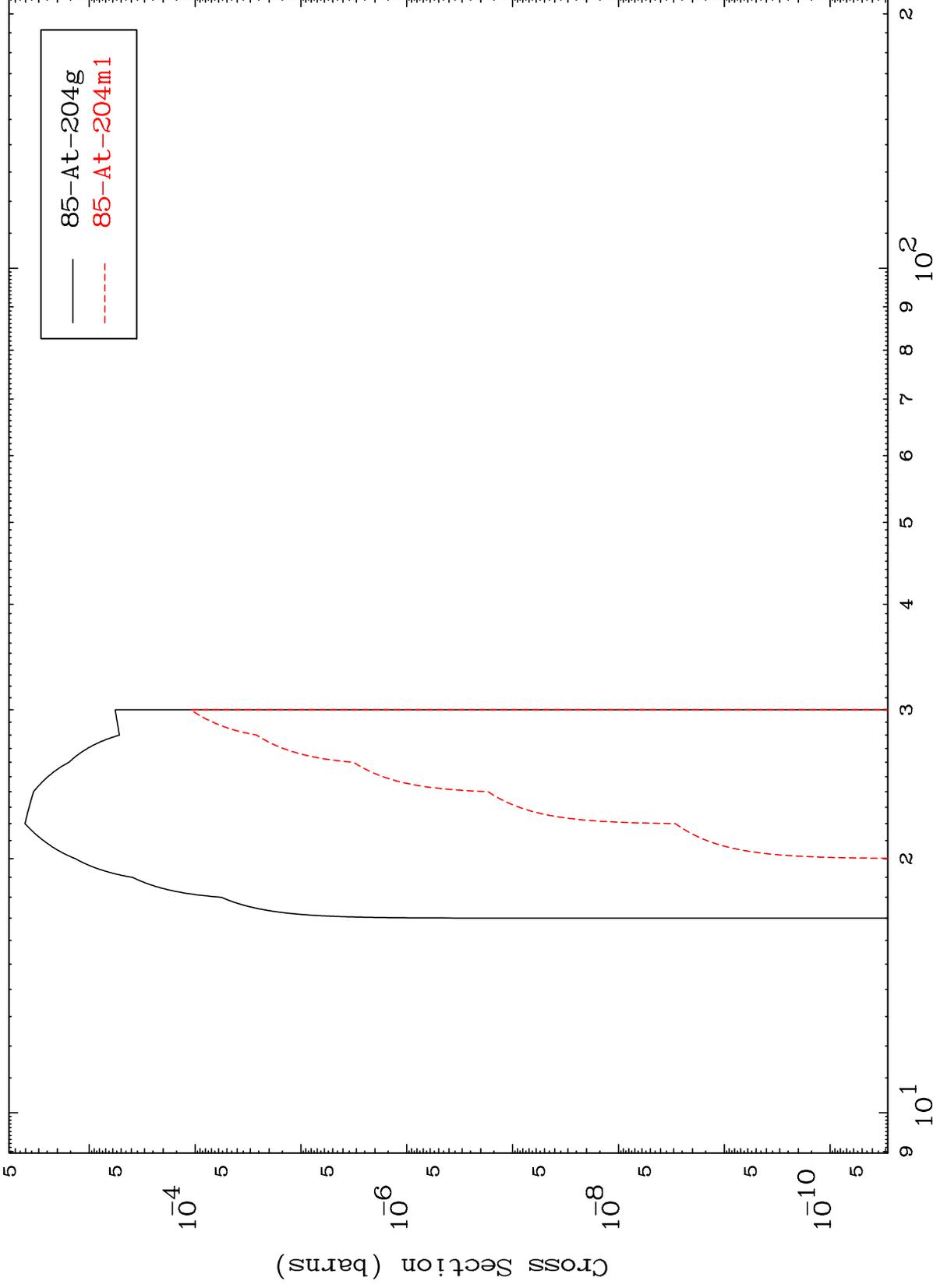


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$(n, n') \alpha$

85-At-205

Radionuclide Production Cross Section



12

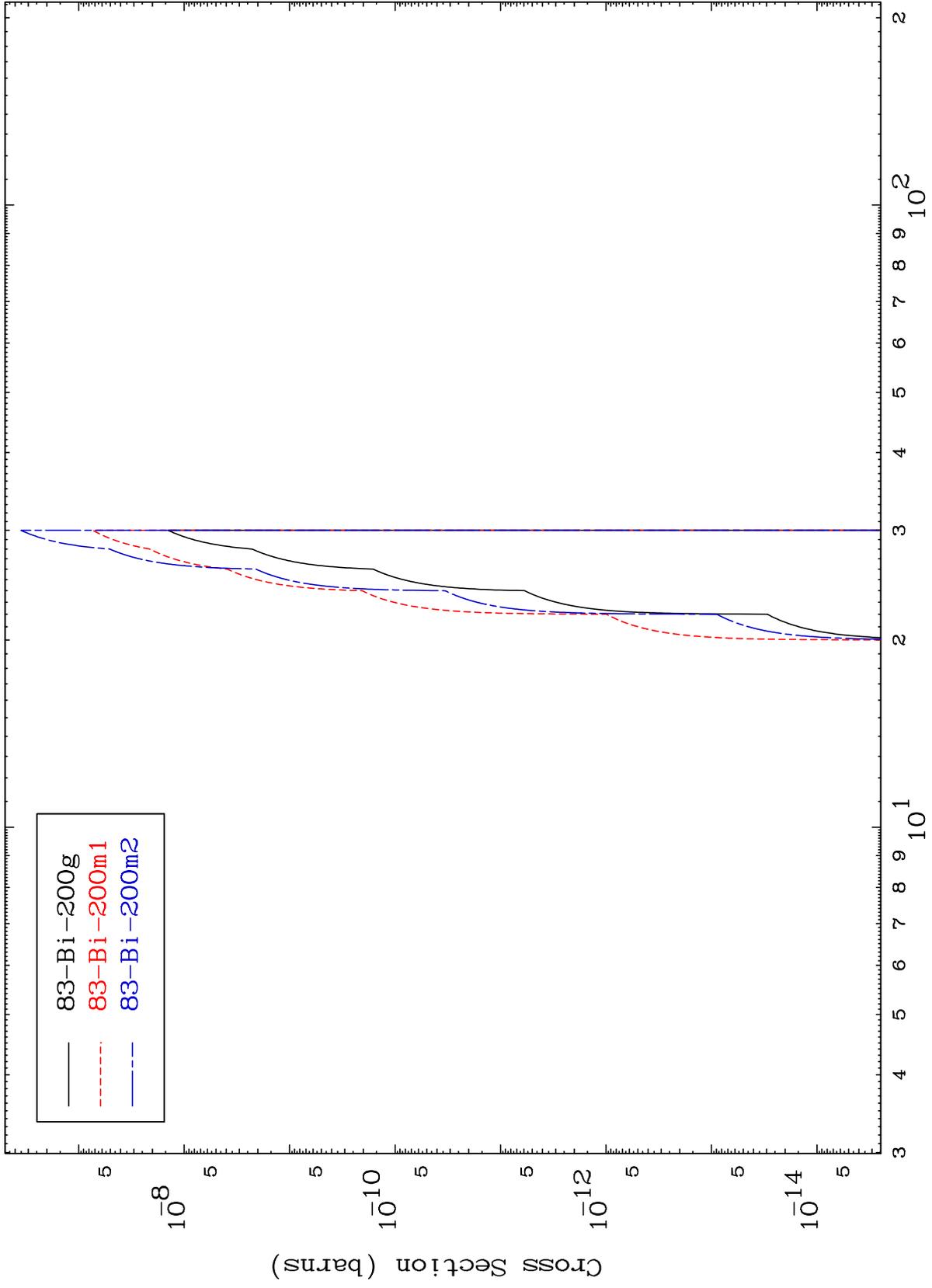
Incident Energy (MeV)

85-At-205

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85-At-205

(n,n') 2α  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

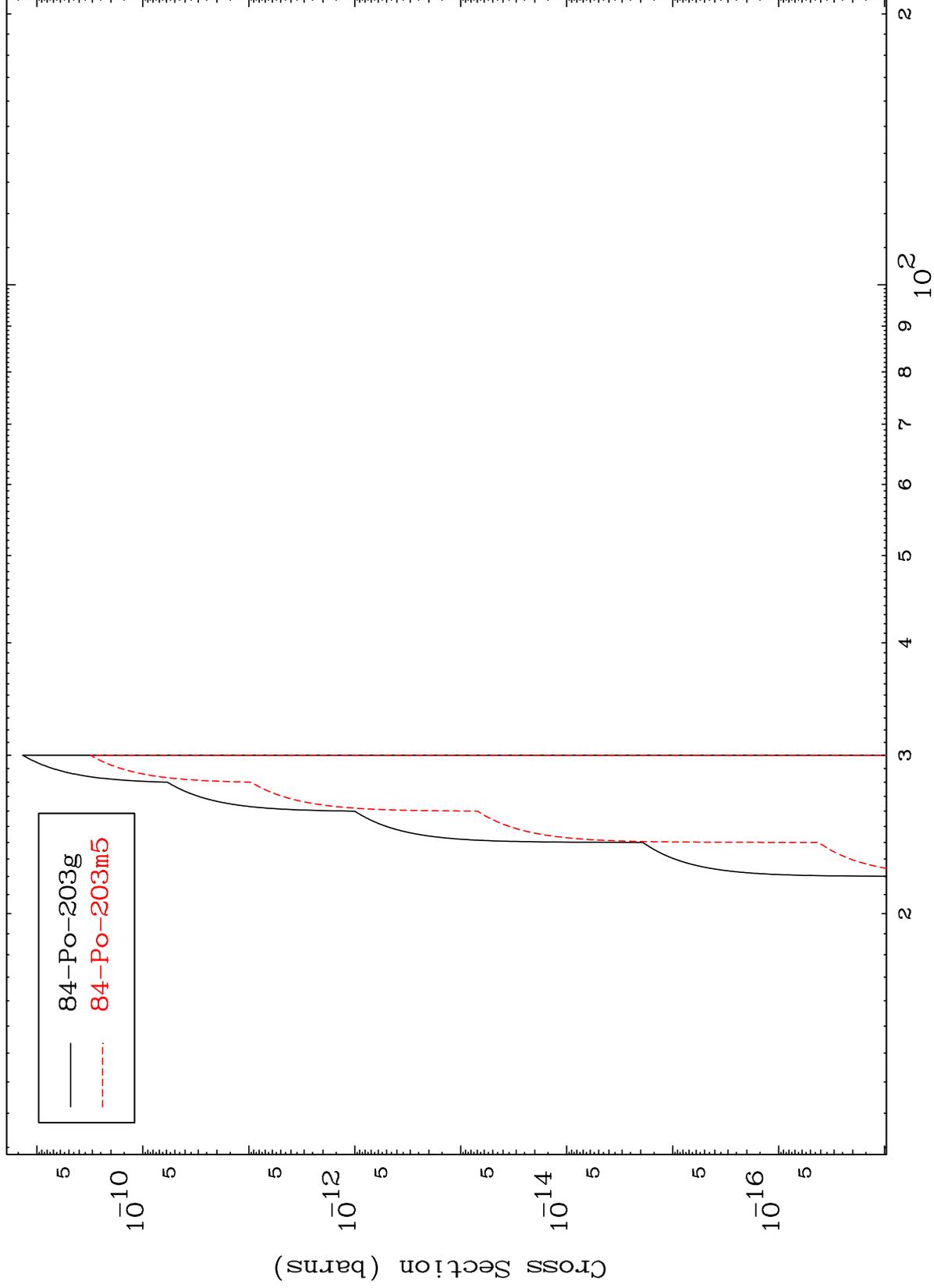
85-At-205

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(n,n') p  $\alpha$

85-At-205

Radionuclide Production Cross Section



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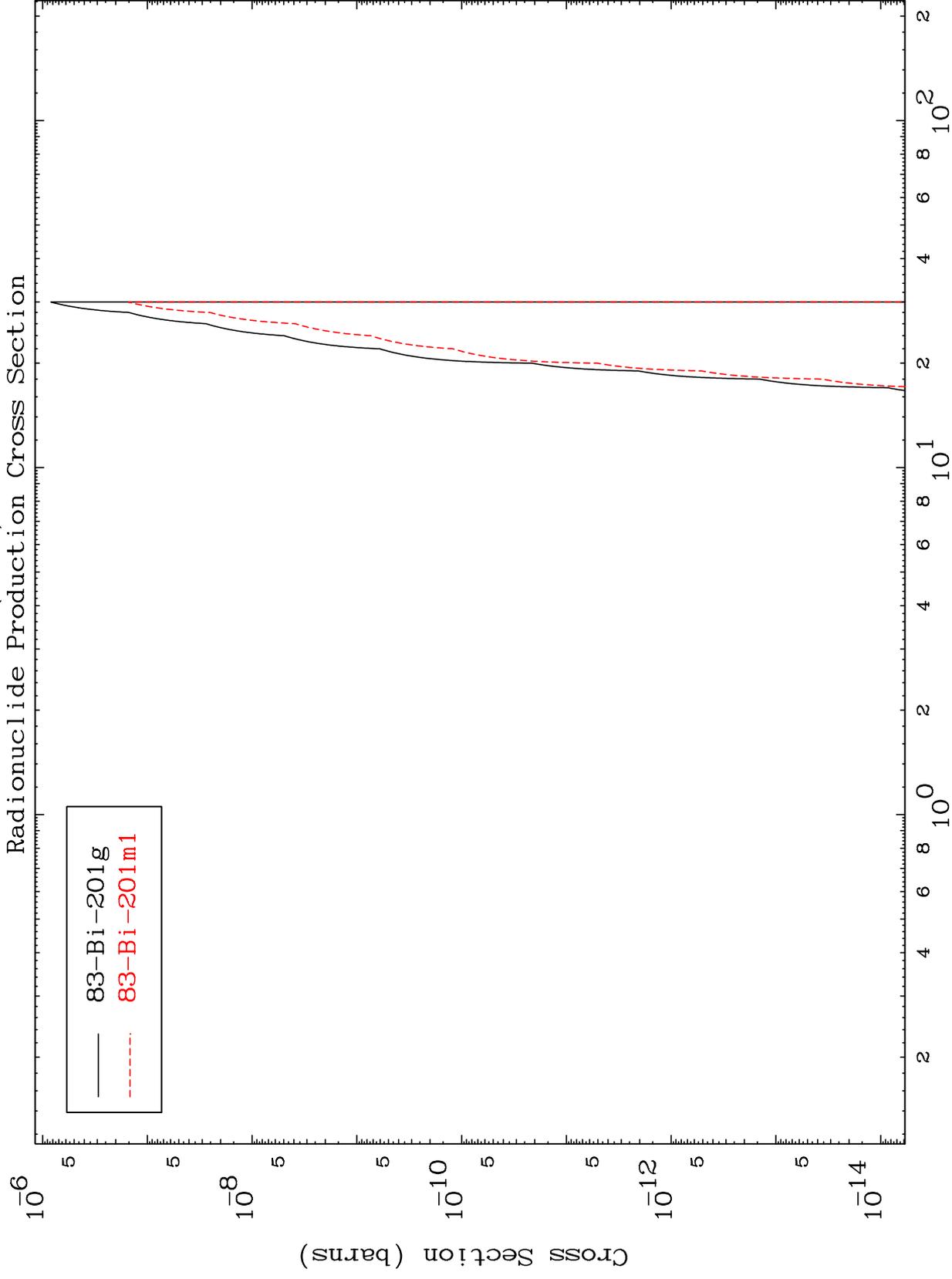
Incident Energy (MeV)

85-At-205

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85-At-205

Radionuclide Production Cross Section  
(n,2α)



15

85-At-205