

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

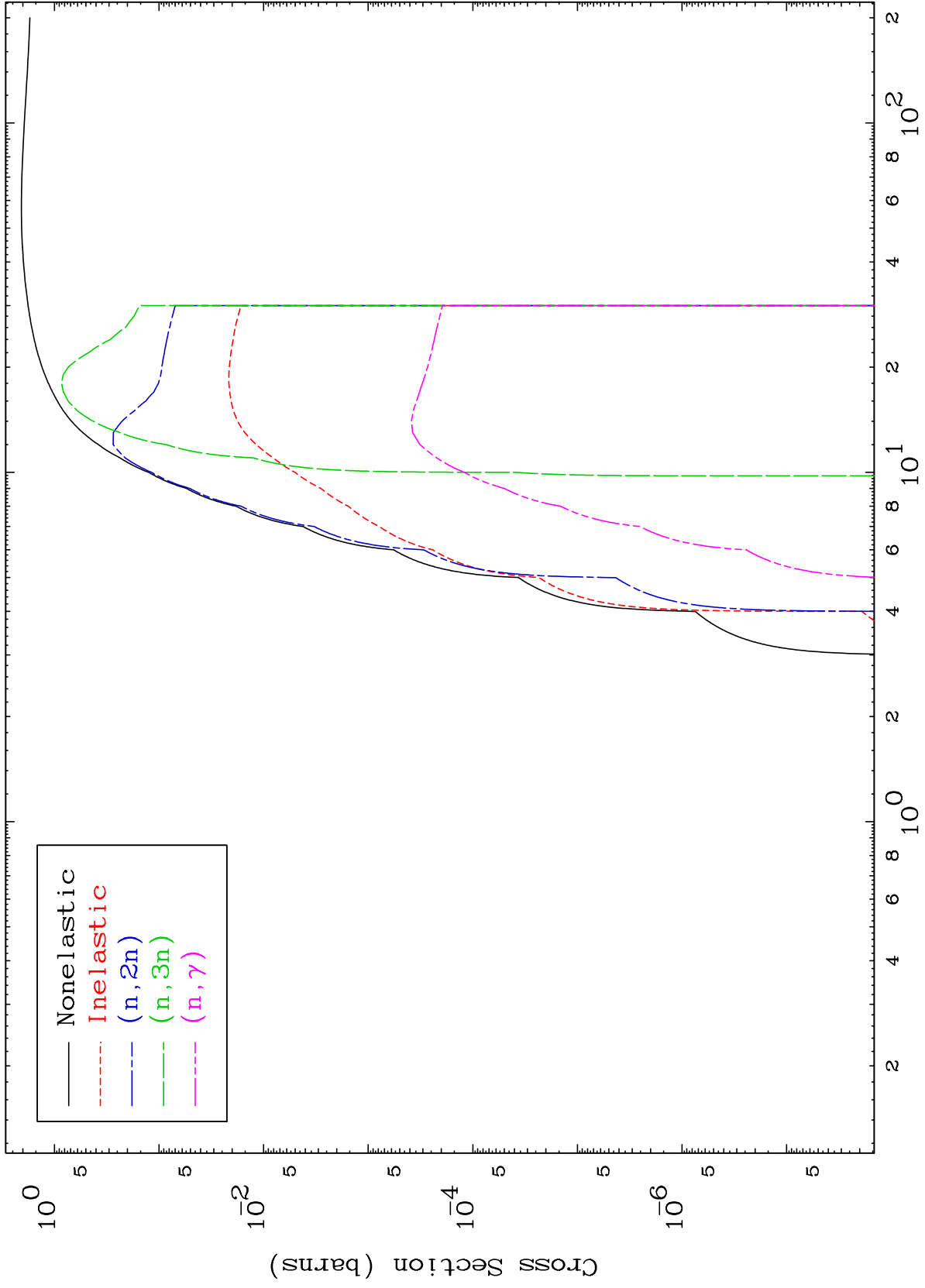
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Web:redcullen1.net/HOMEPAGE.NEW

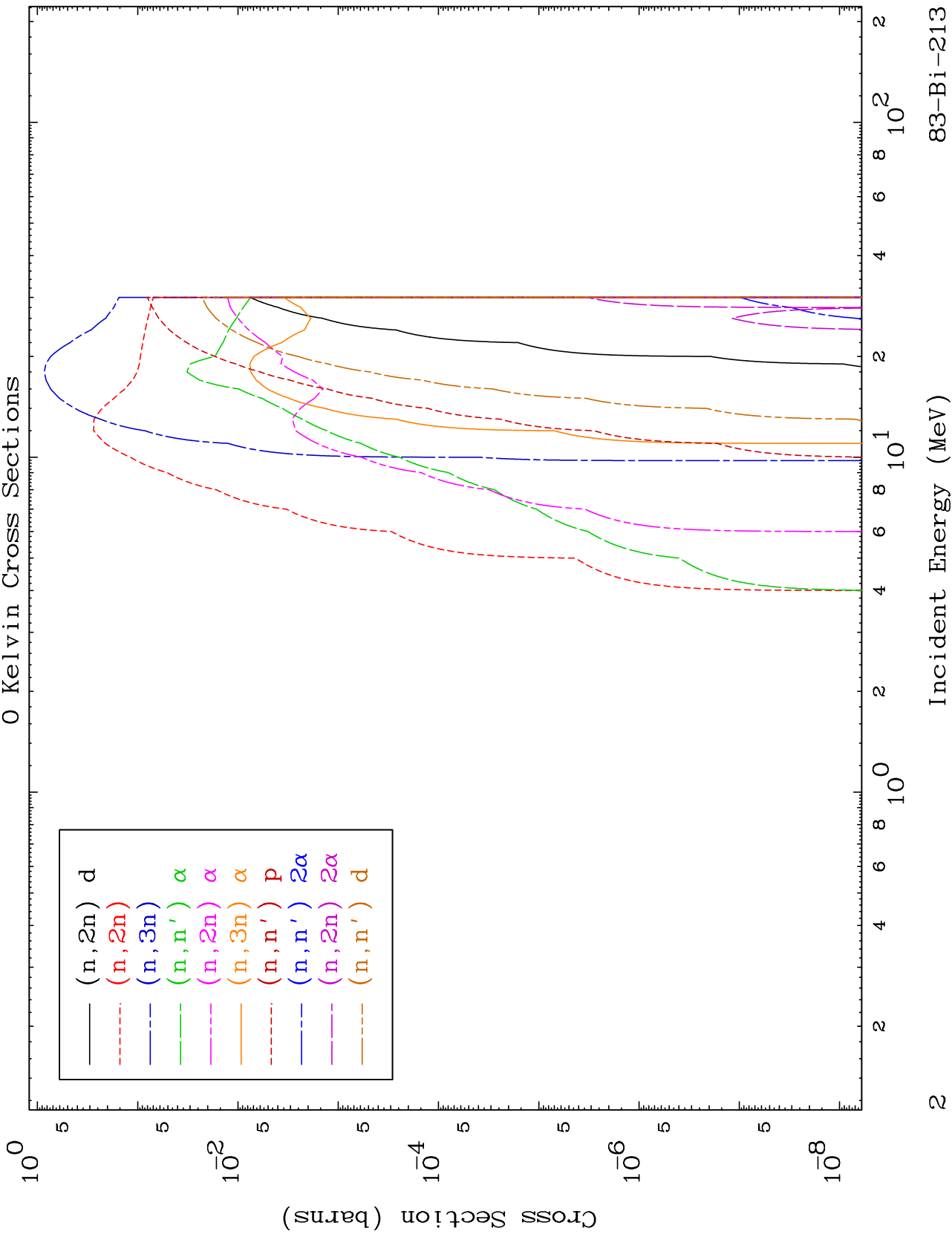
Press Mouse Button to Start



MAT 8337

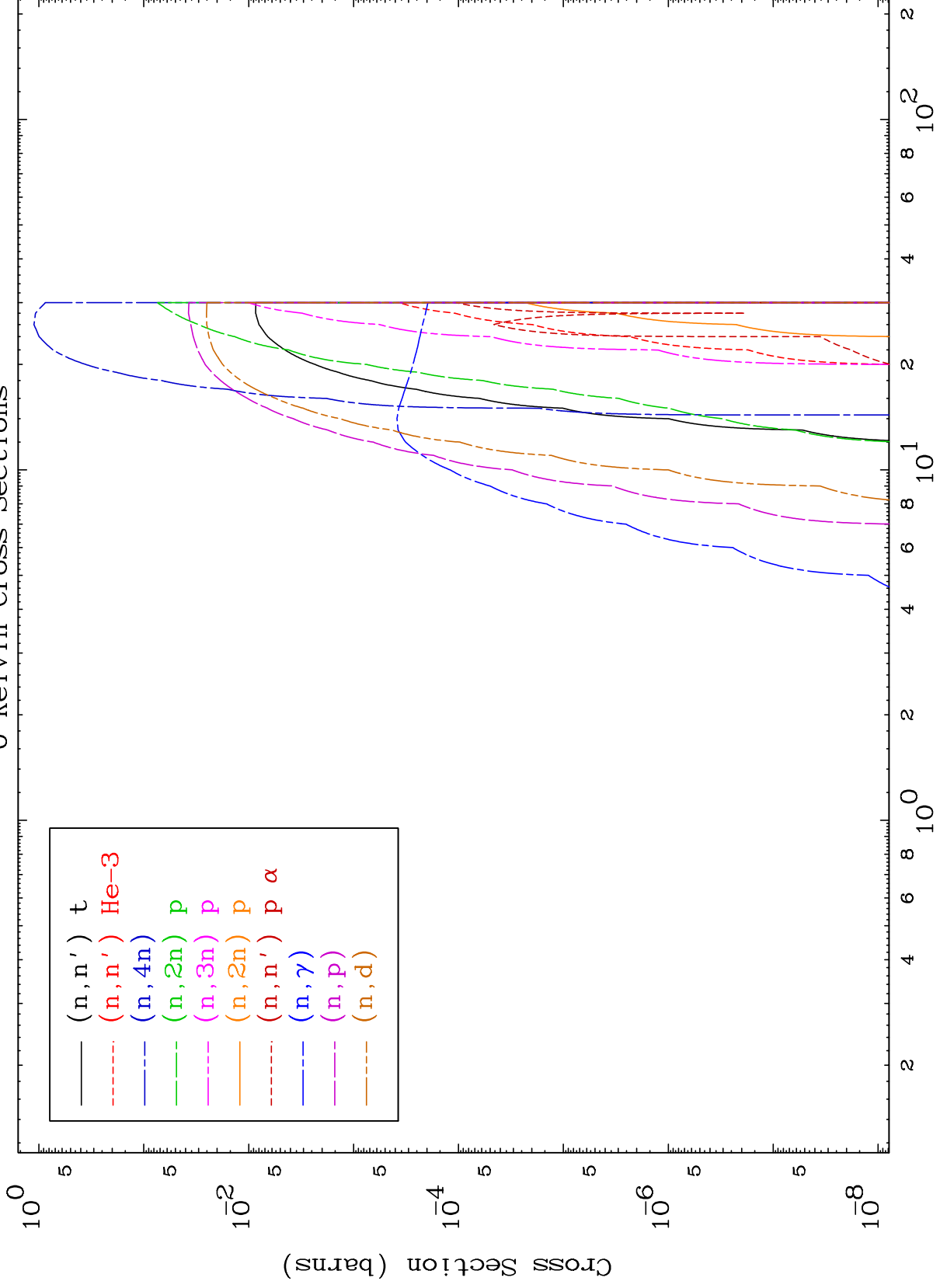
Proton Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-213



83-Bi-213

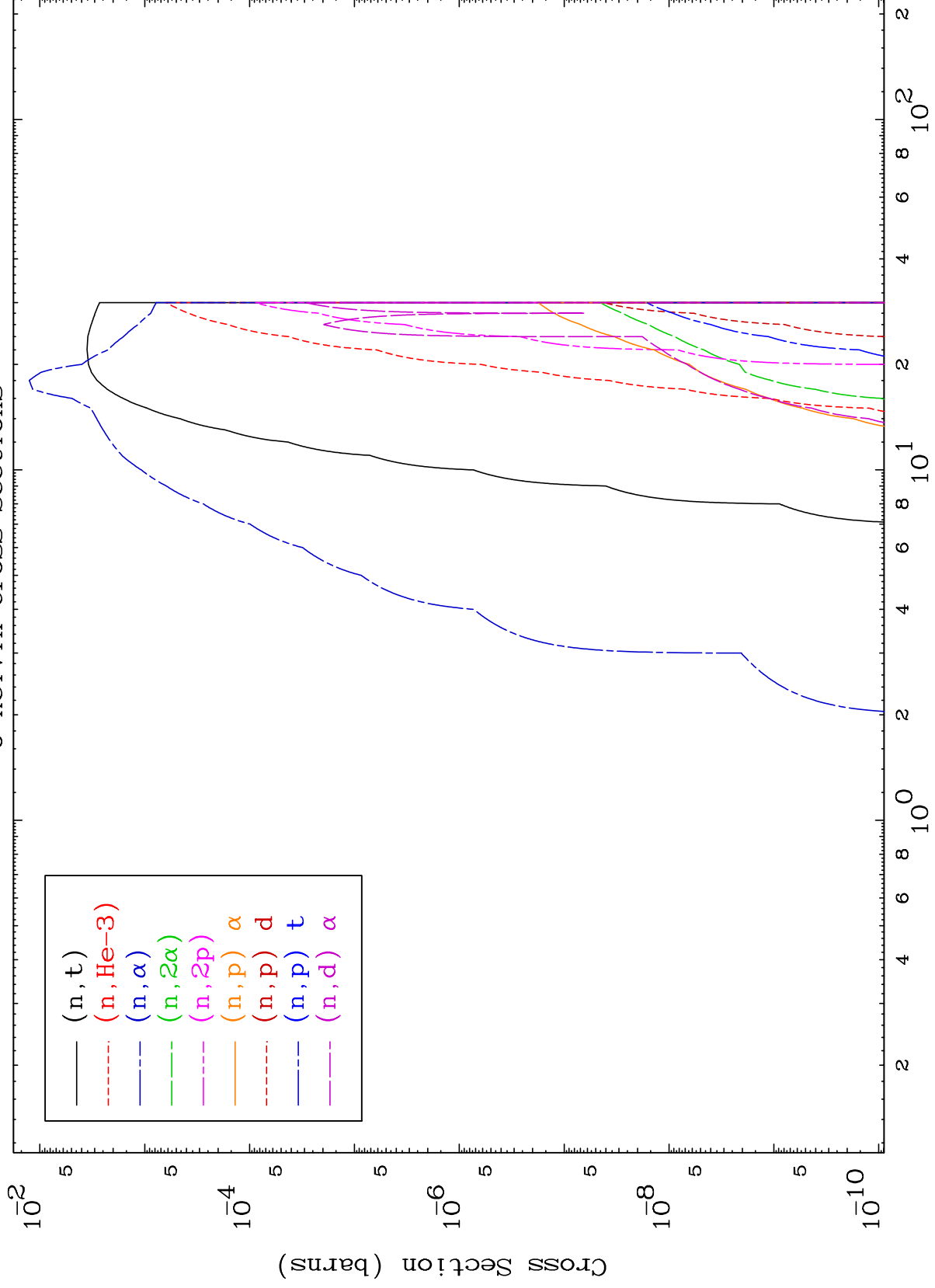
Incident Energy (MeV)



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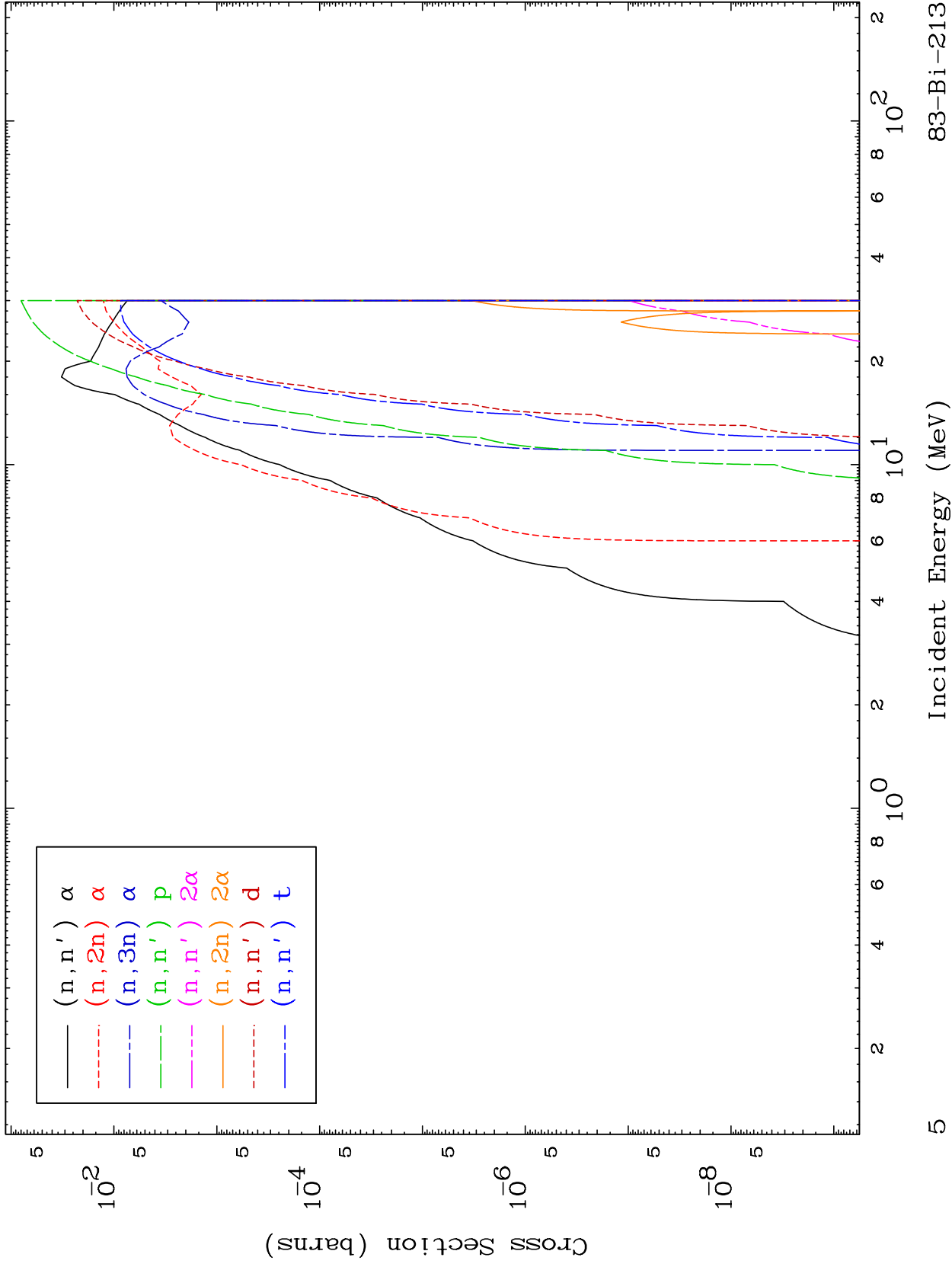
Proton Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-213



83-Bi-213

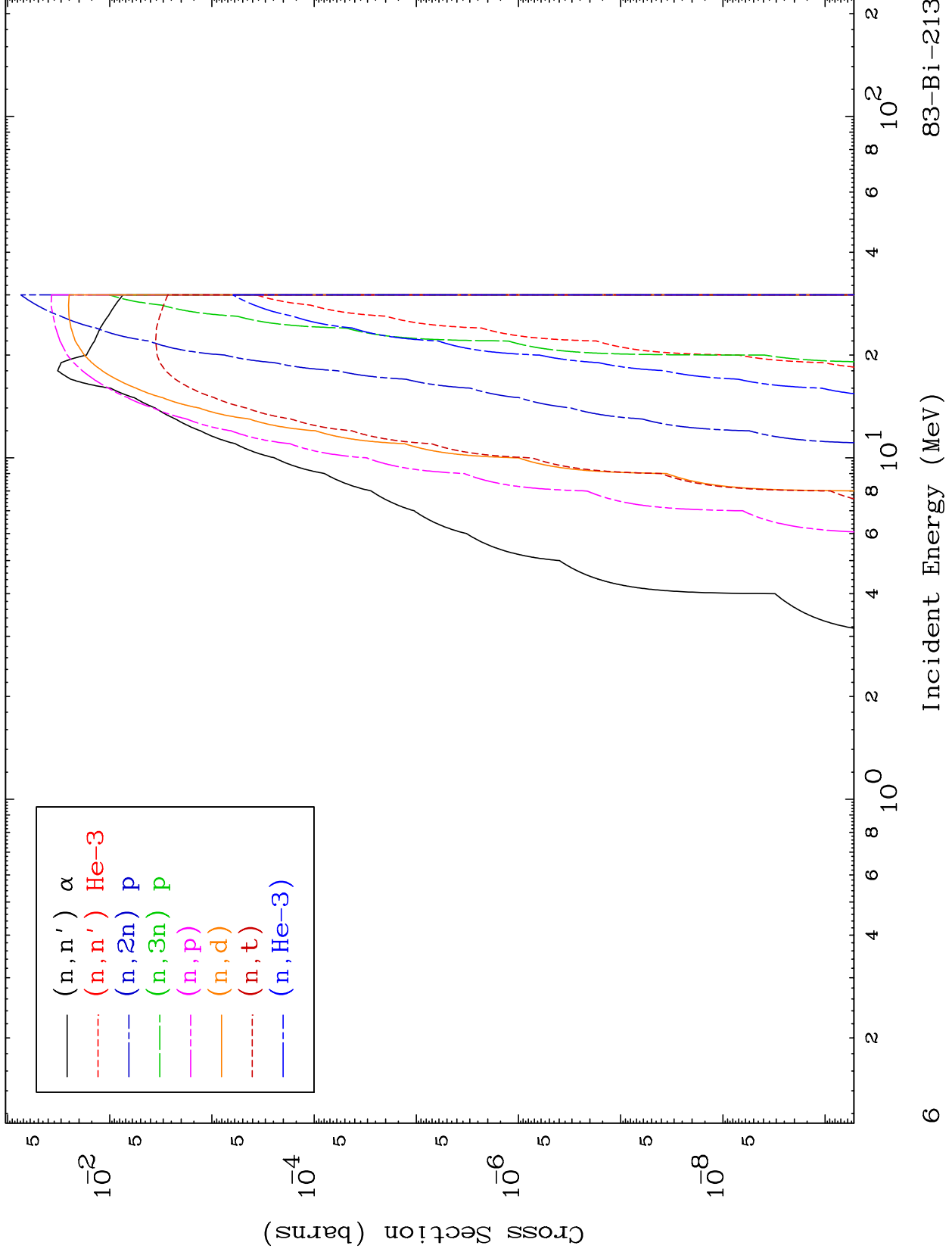
Incident Energy (MeV)

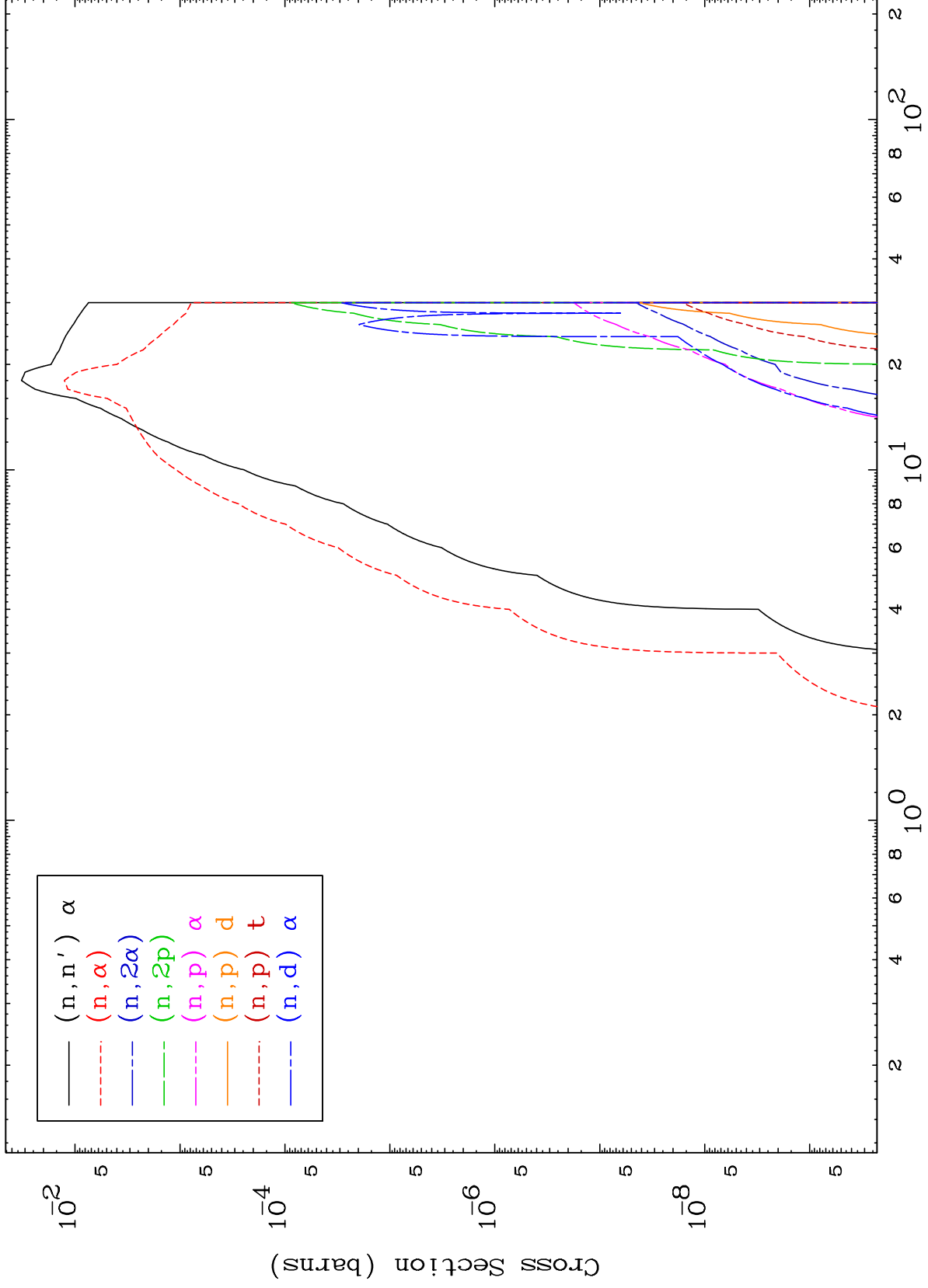


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Proton Charged Particle  
0 Kelvin Cross Sections

83-Bi-213



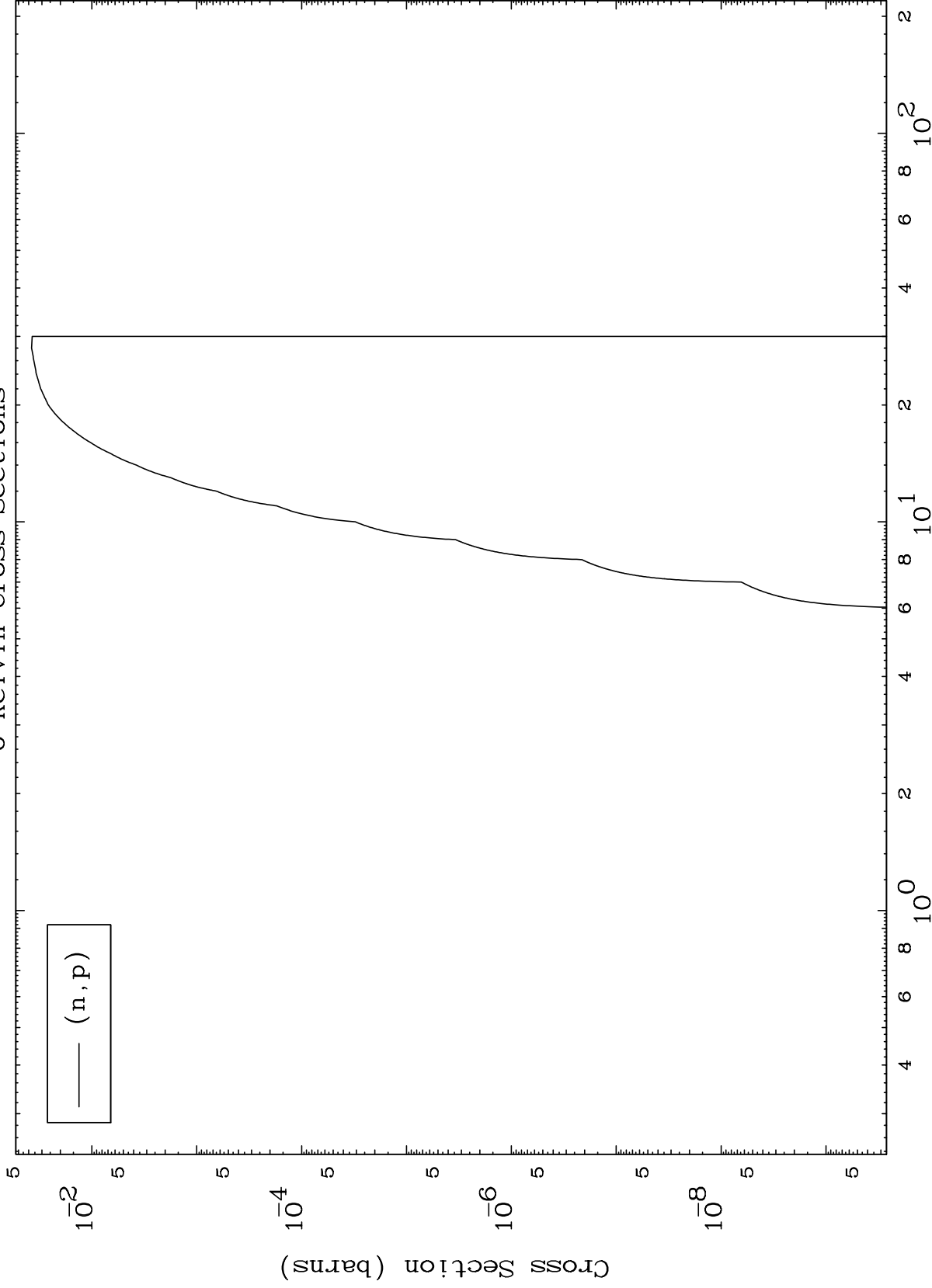




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(p,p) Levels  
0 Kelvin Cross Sections

83-Bi-213



8

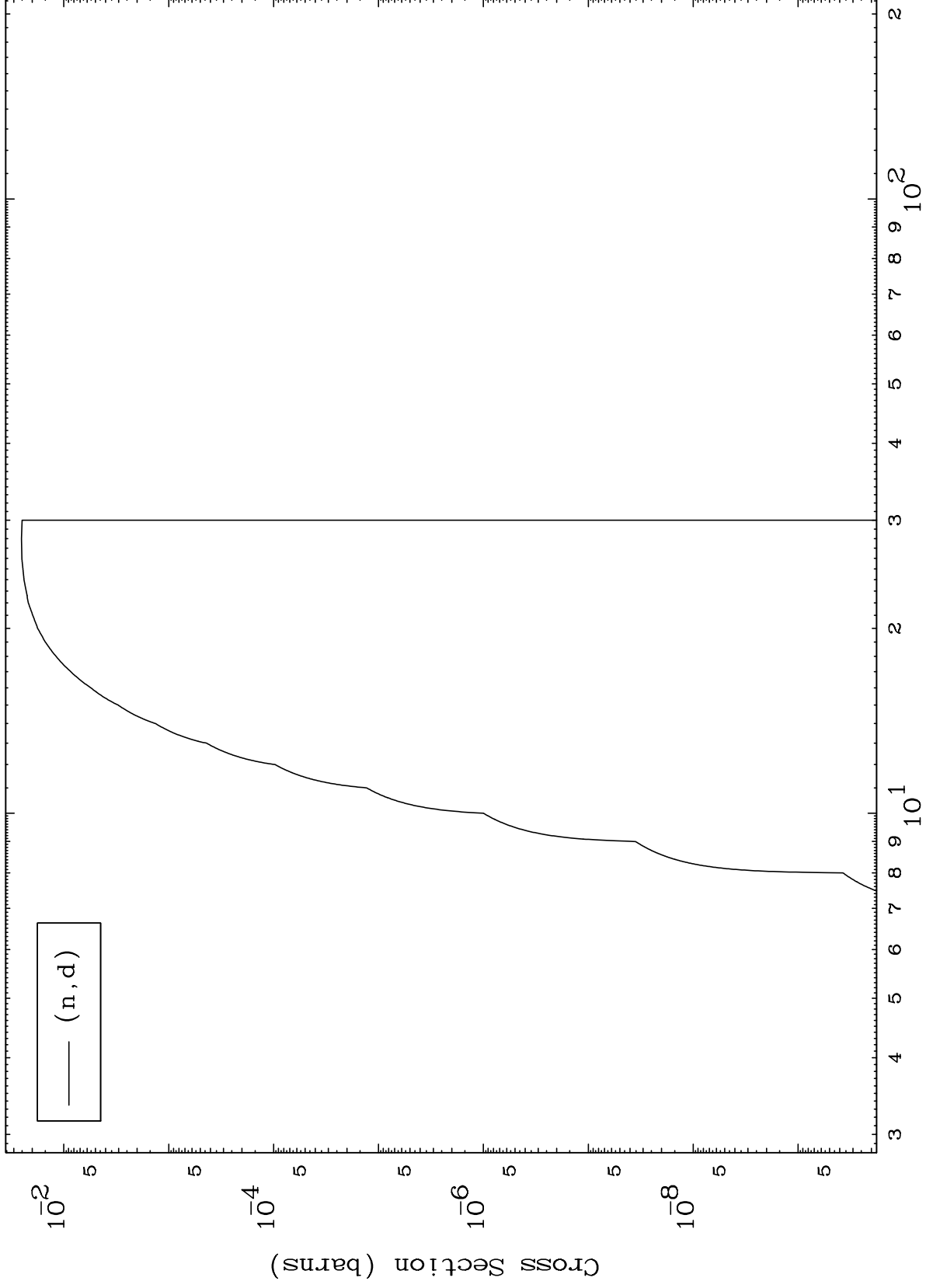
Incident Energy (MeV)

83-Bi-213

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(p,d) Levels  
0 Kelvin Cross Sections

83-Bi-213



9

Incident Energy (MeV)

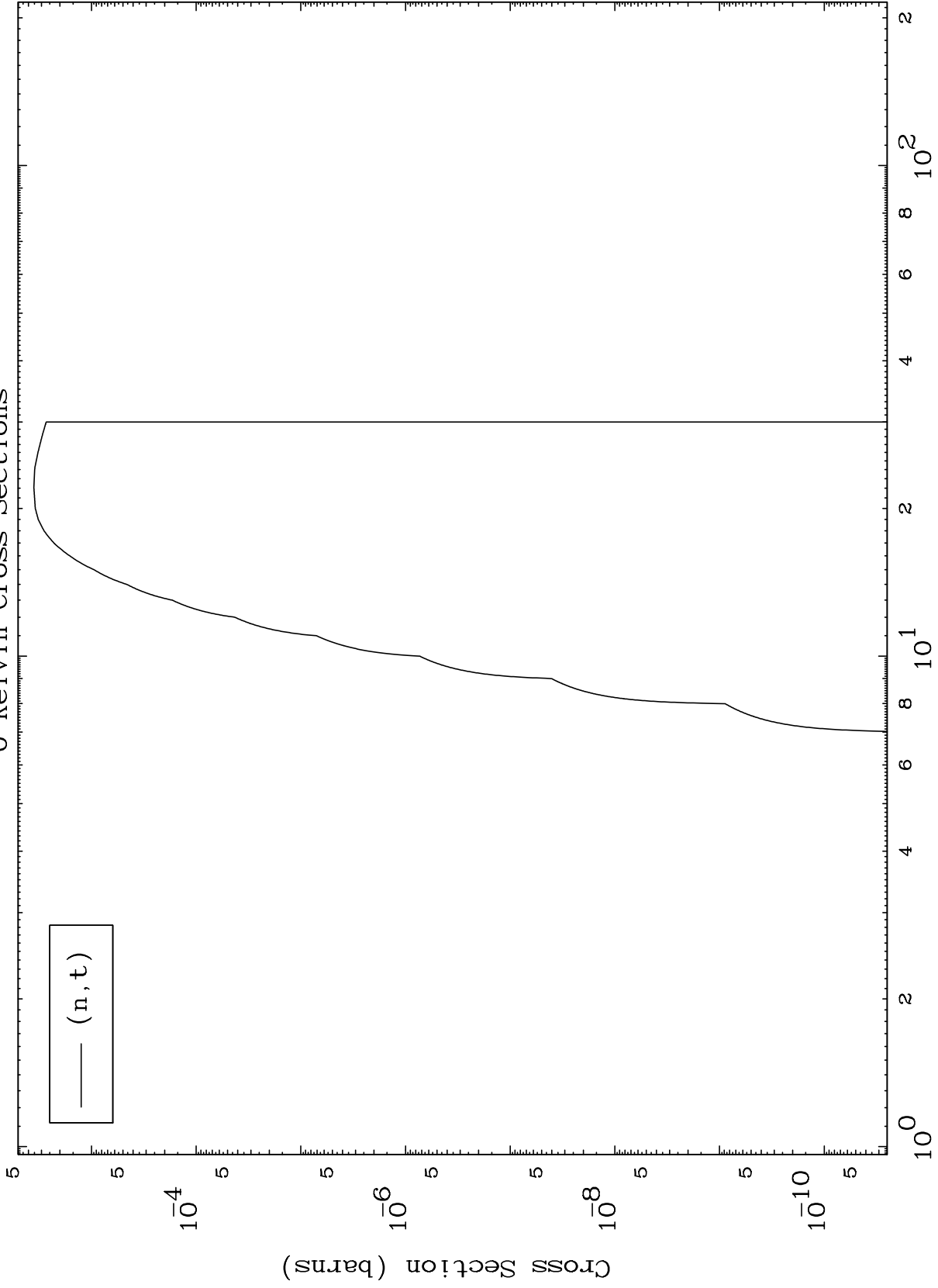
83-Bi-213

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(p,t) Levels

83-Bi-213

0 Kelvin Cross Sections



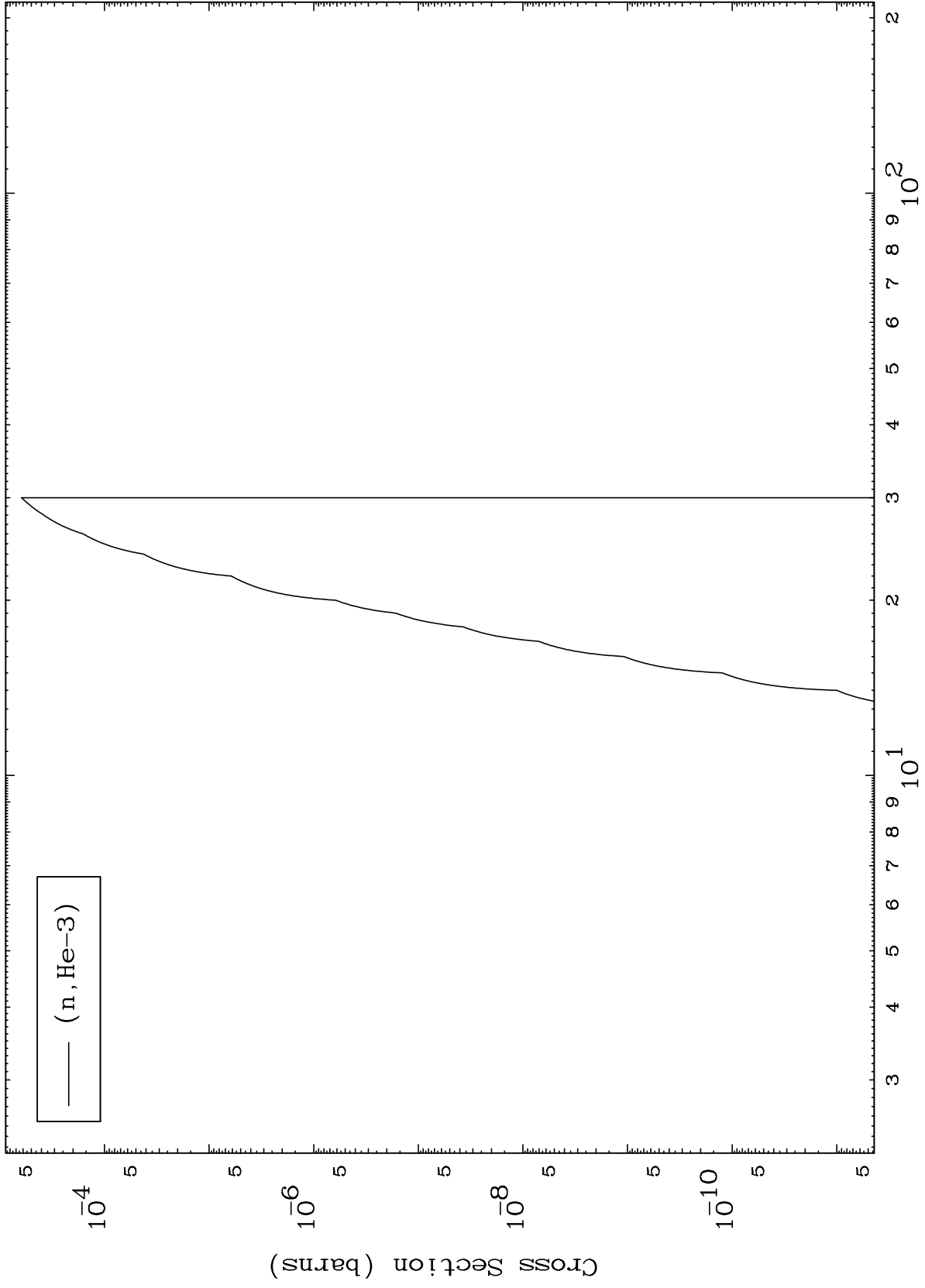
Incident Energy (MeV)

83-Bi-213

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(p,He3) Levels  
0 Kelvin Cross Sections

83-Bi-213

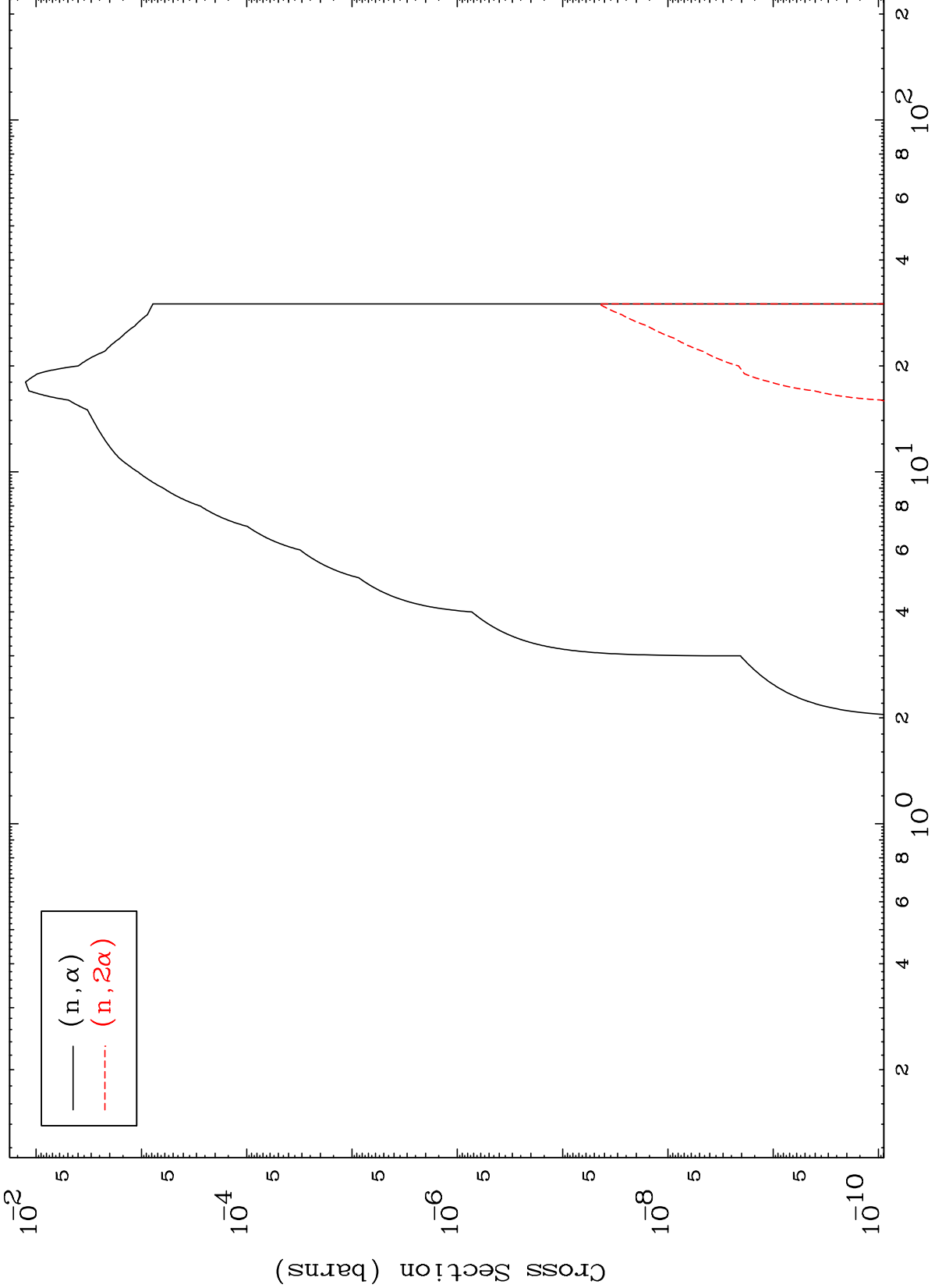


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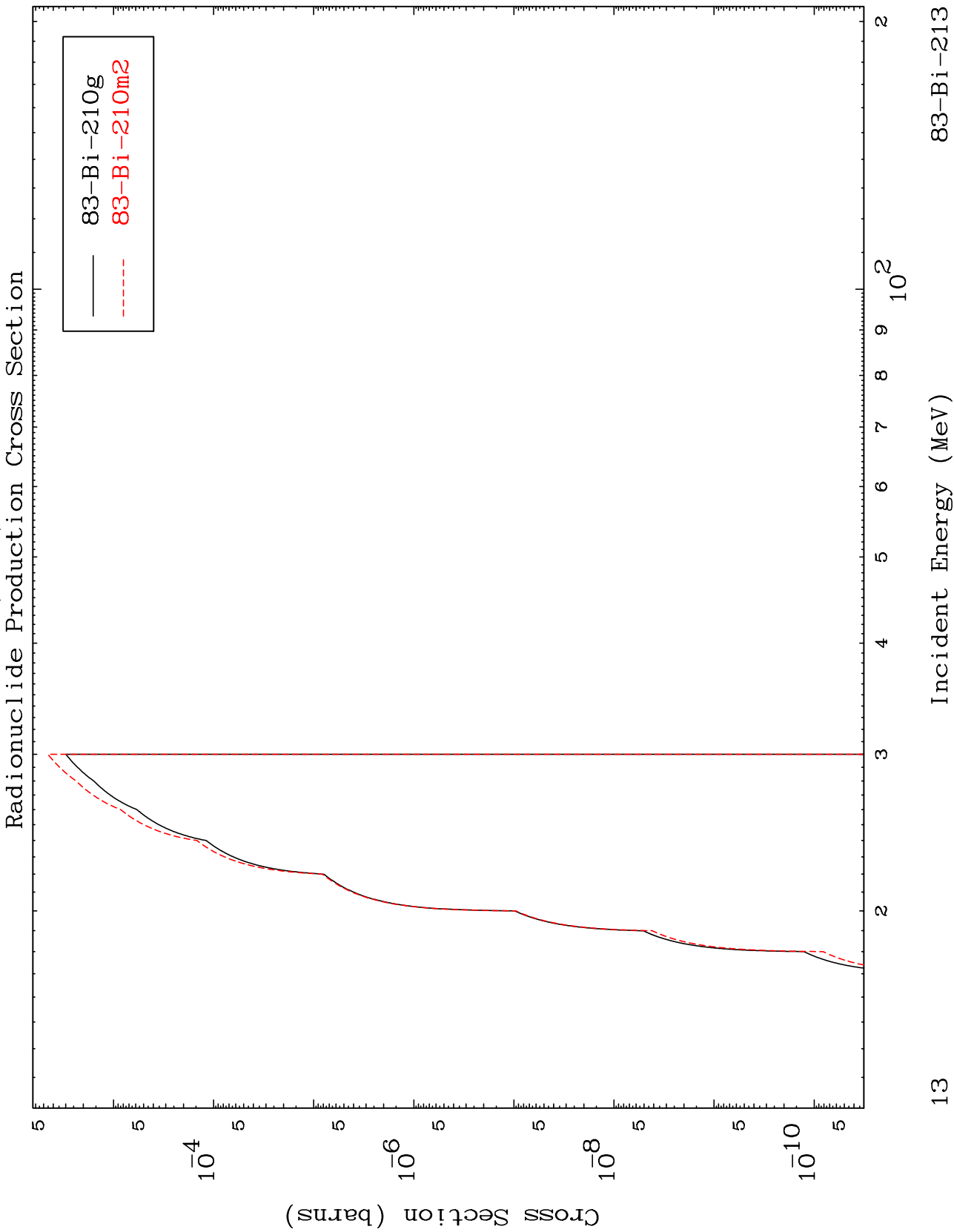
(p,  $\alpha$ ) Levels

83-Bi-213

0 Kelvin Cross Sections



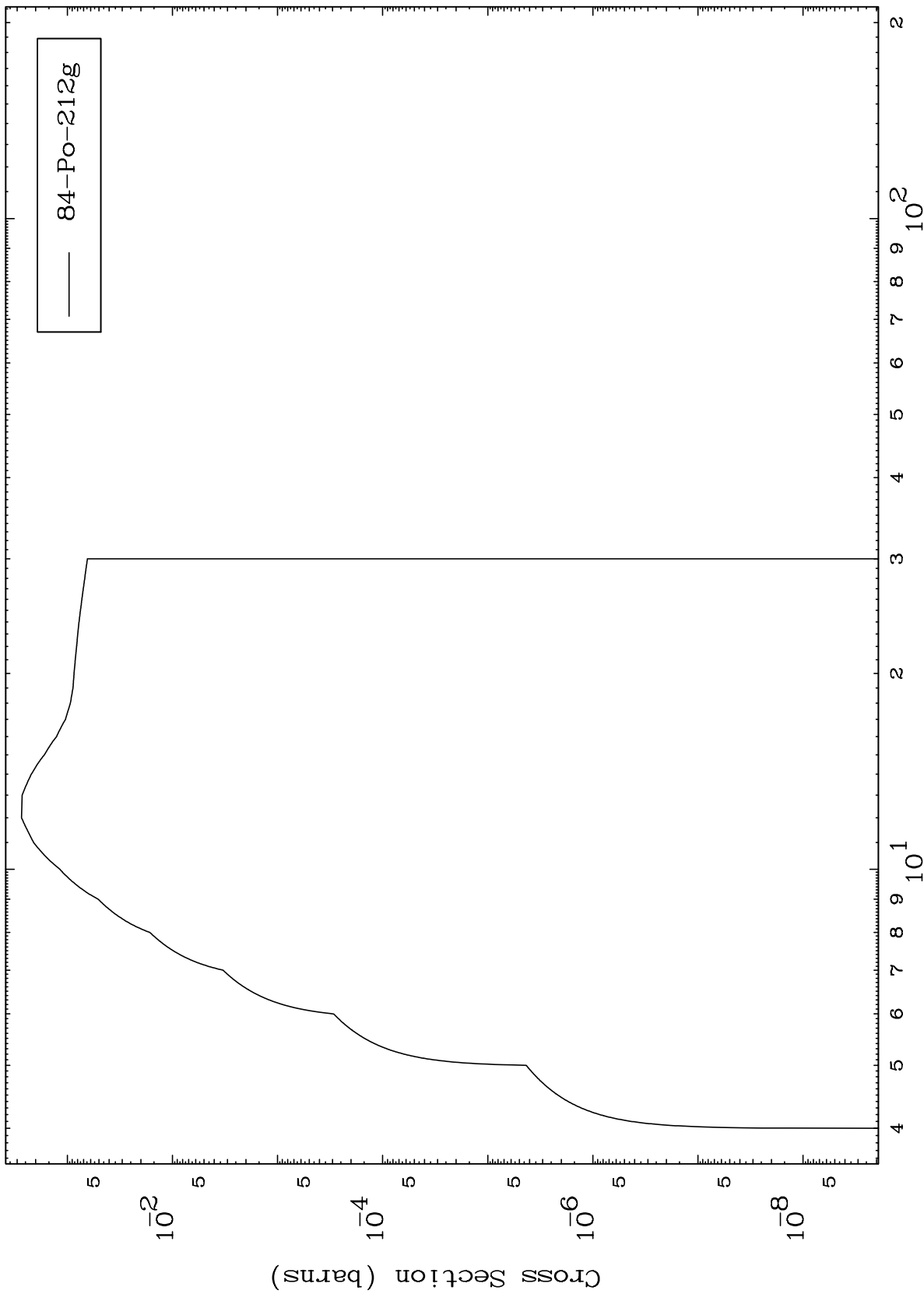
— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )



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83-Bi-213

(n,2n)  
Radionuclide Production Cross Section



83-Bi-213

Incident Energy (MeV)

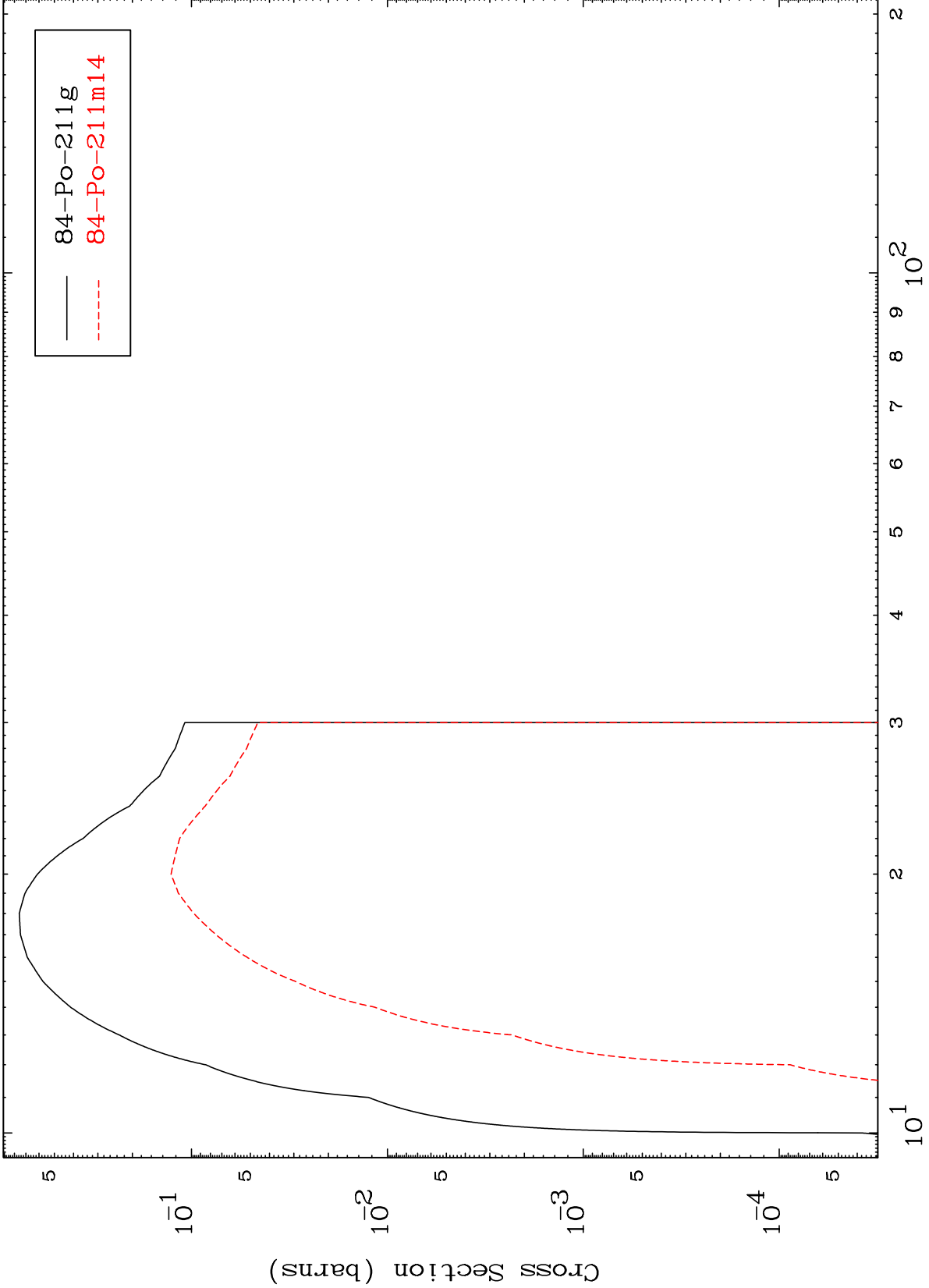
14

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(n,3n)

83-Bi-213

Radionuclide Production Cross Section



84-Po-211g  
84-Po-211m14

15

Incident Energy (MeV)

83-Bi-213

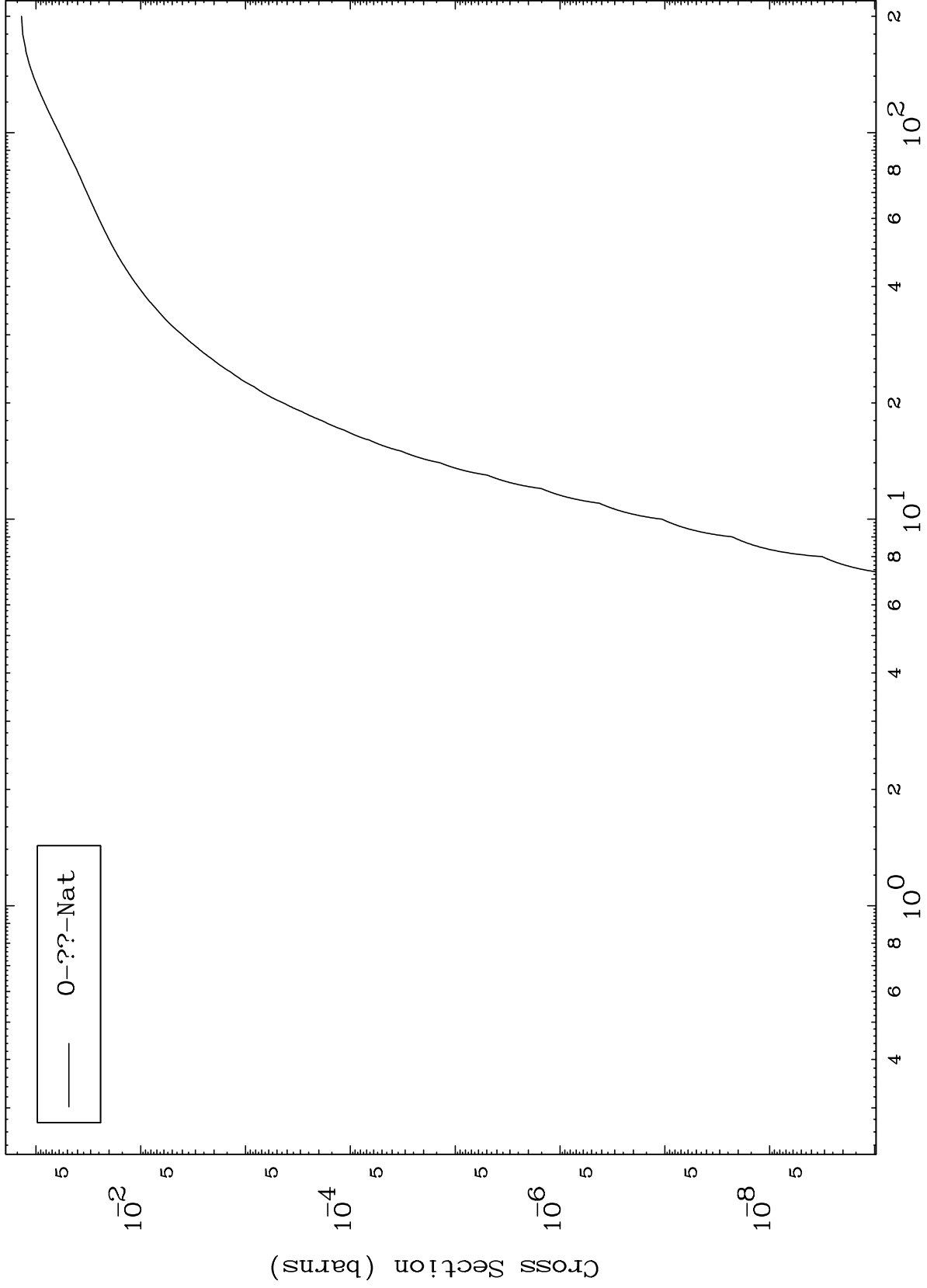


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Fission

83-Bi-213

Radionuclide Production Cross Section



16

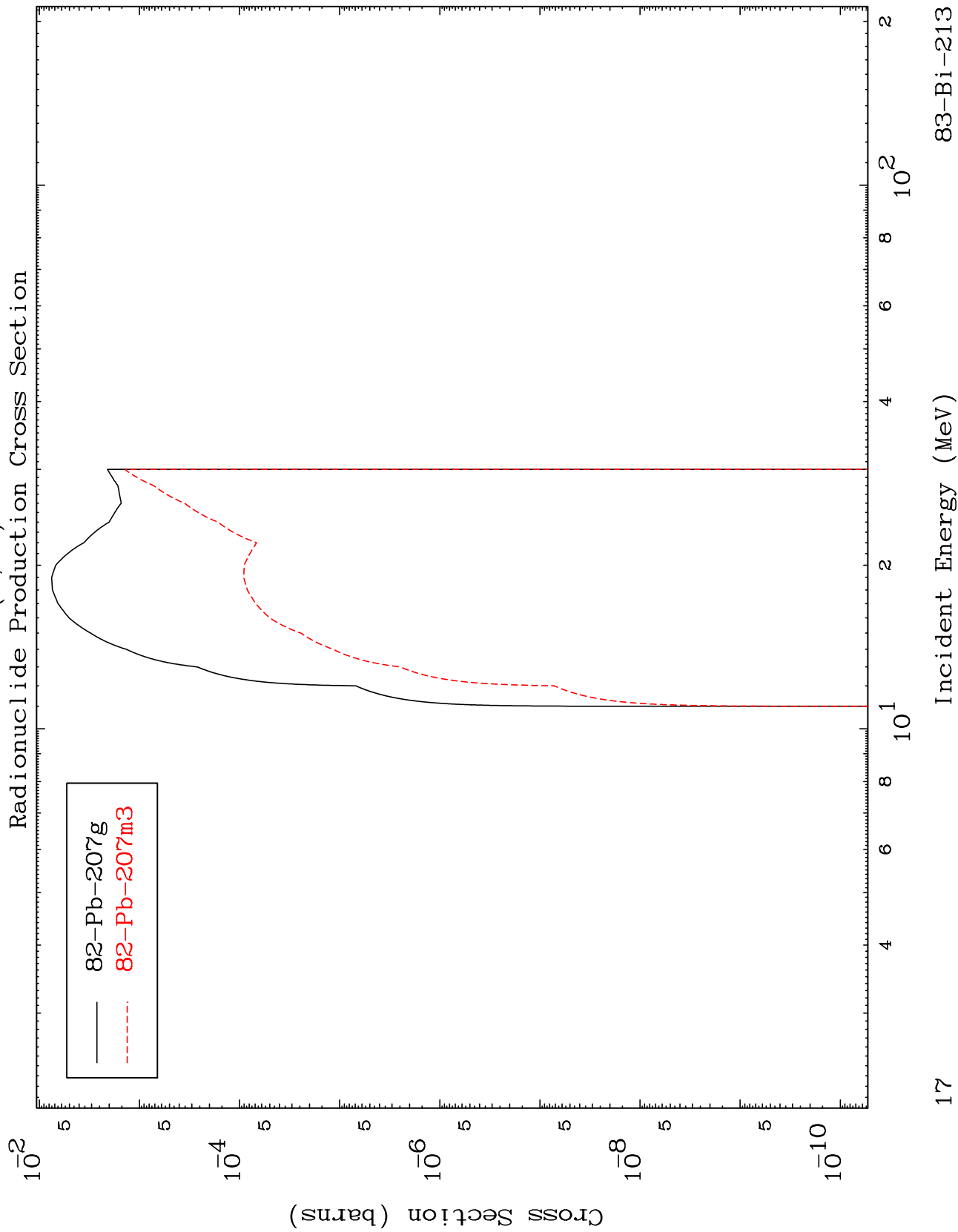
Incident Energy (MeV)

83-Bi-213

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(n,3n)  $\alpha$

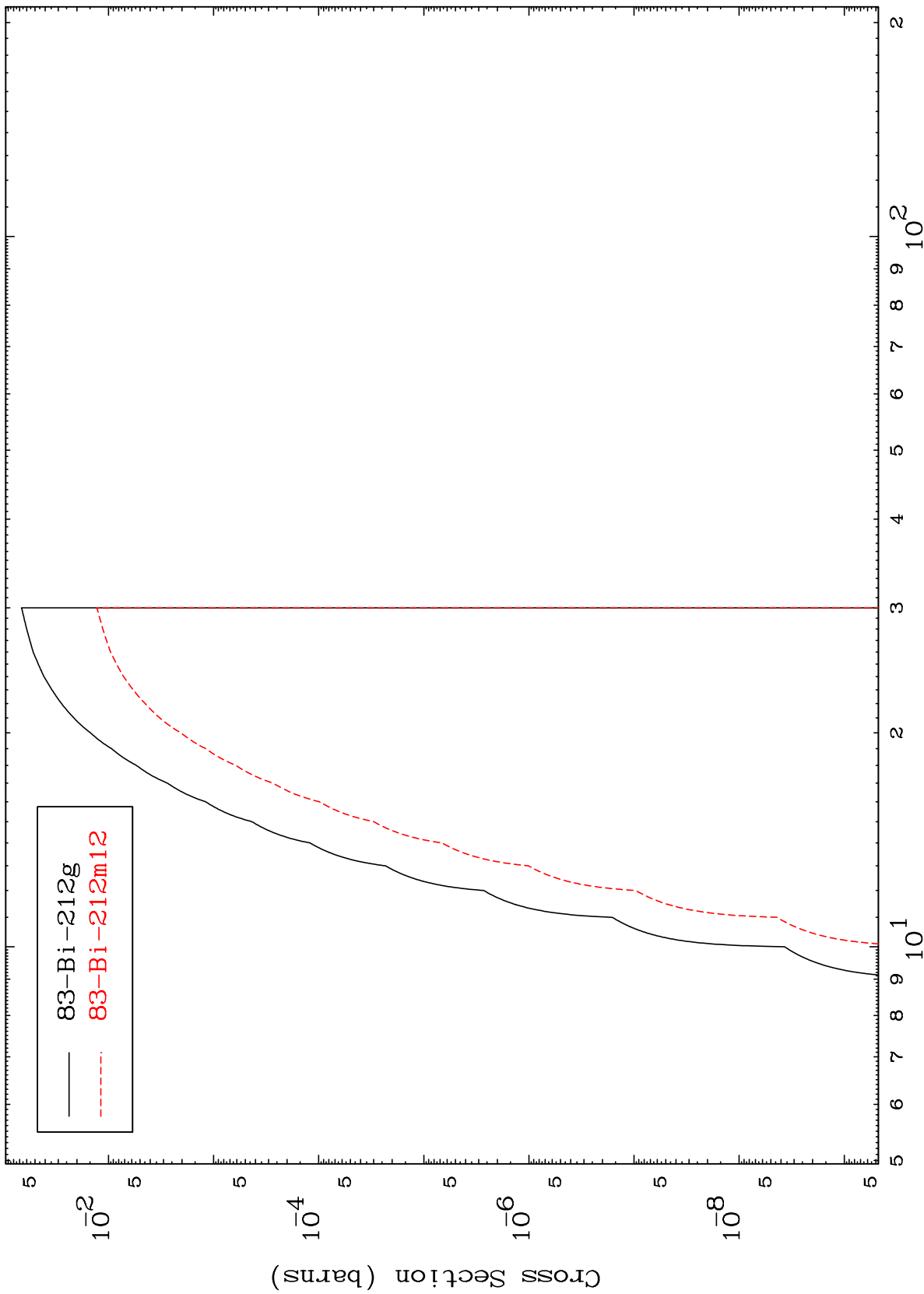
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83-Bi-213

(n,n') p  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

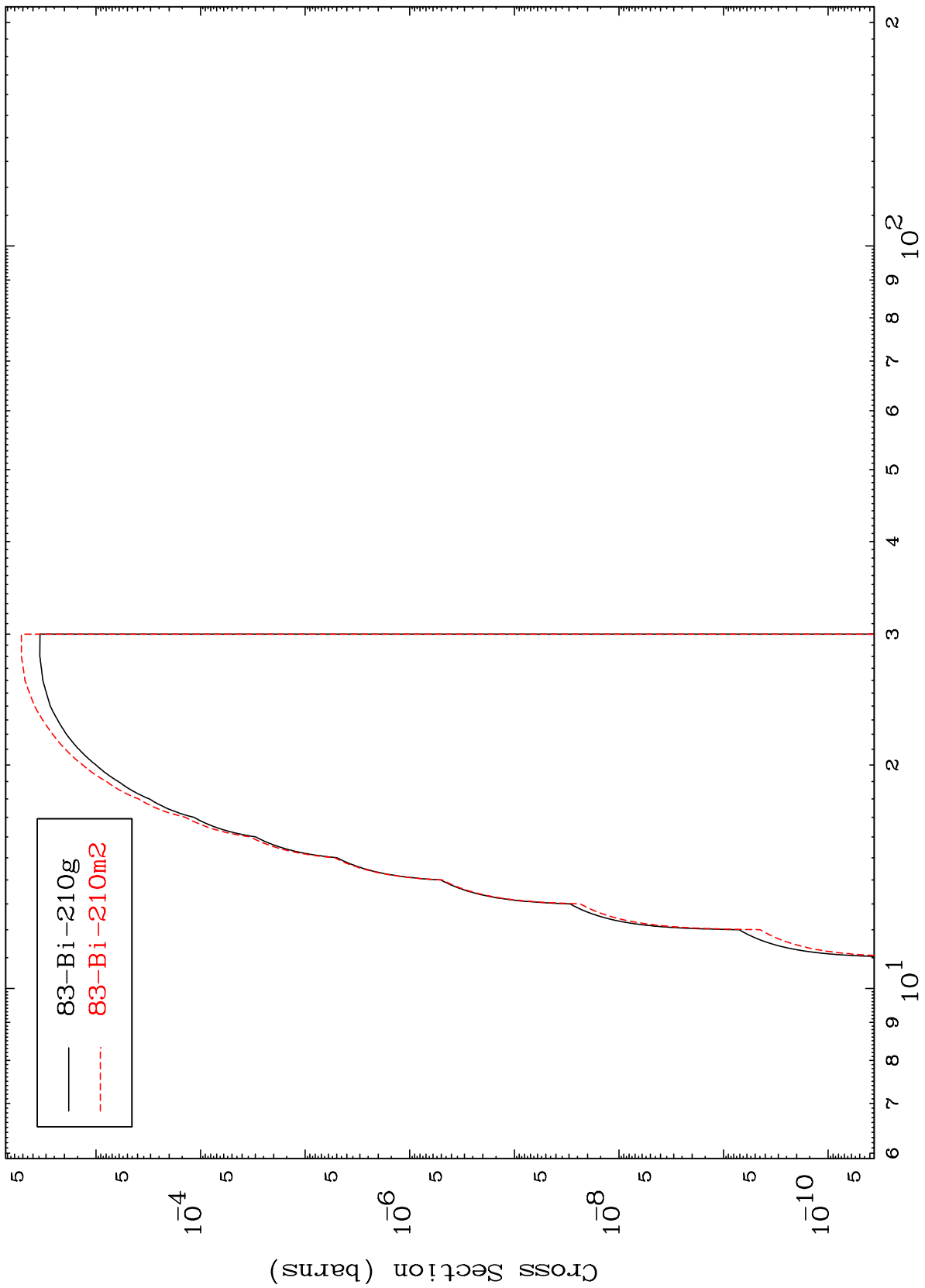
83-Bi-213

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(n,n') t

83-Bi-213

Radionuclide Production Cross Section



19

Incident Energy (MeV)

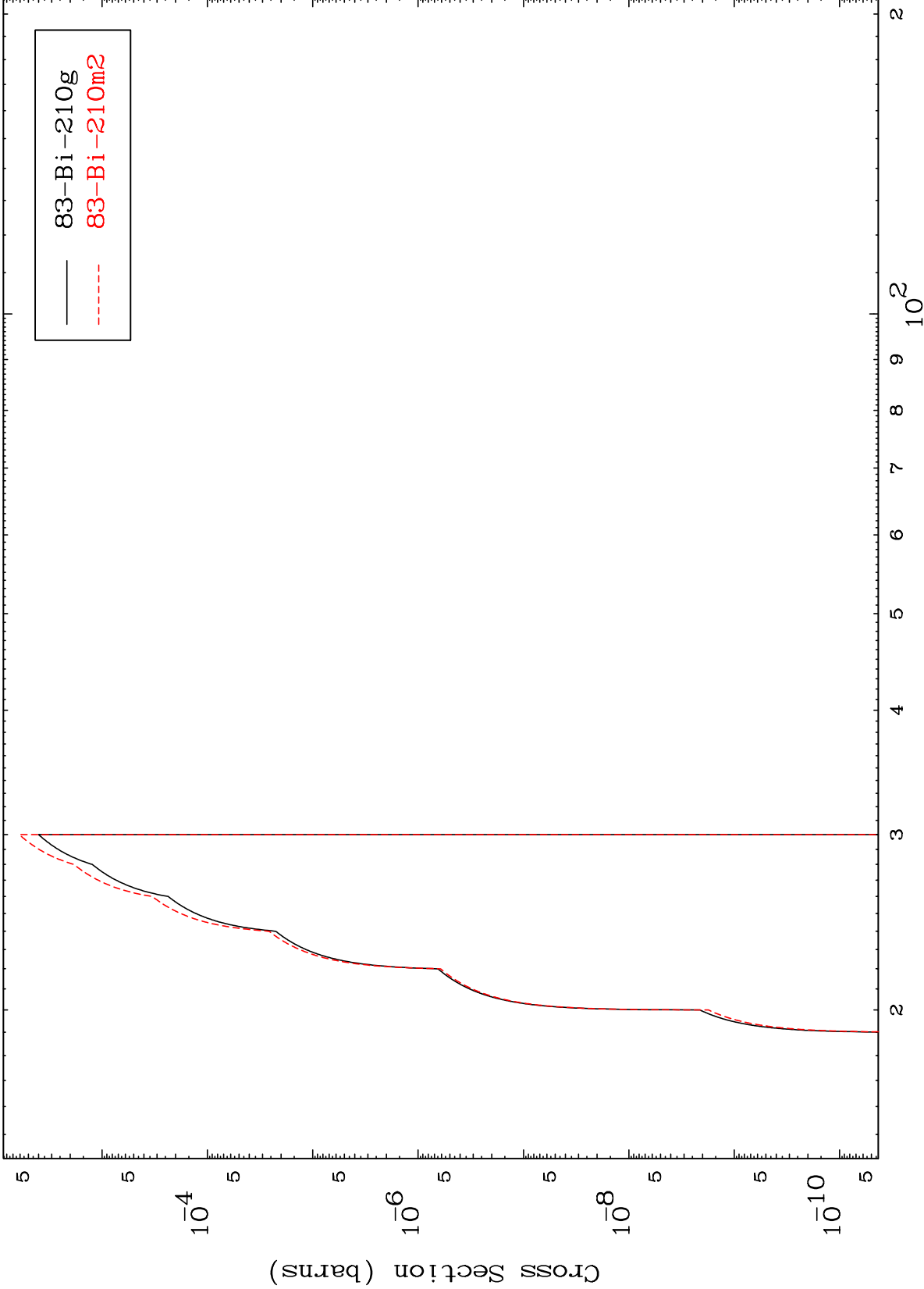
83-Bi-213

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(n,3n) p

83-Bi-213

Radionuclide Production Cross Section



20

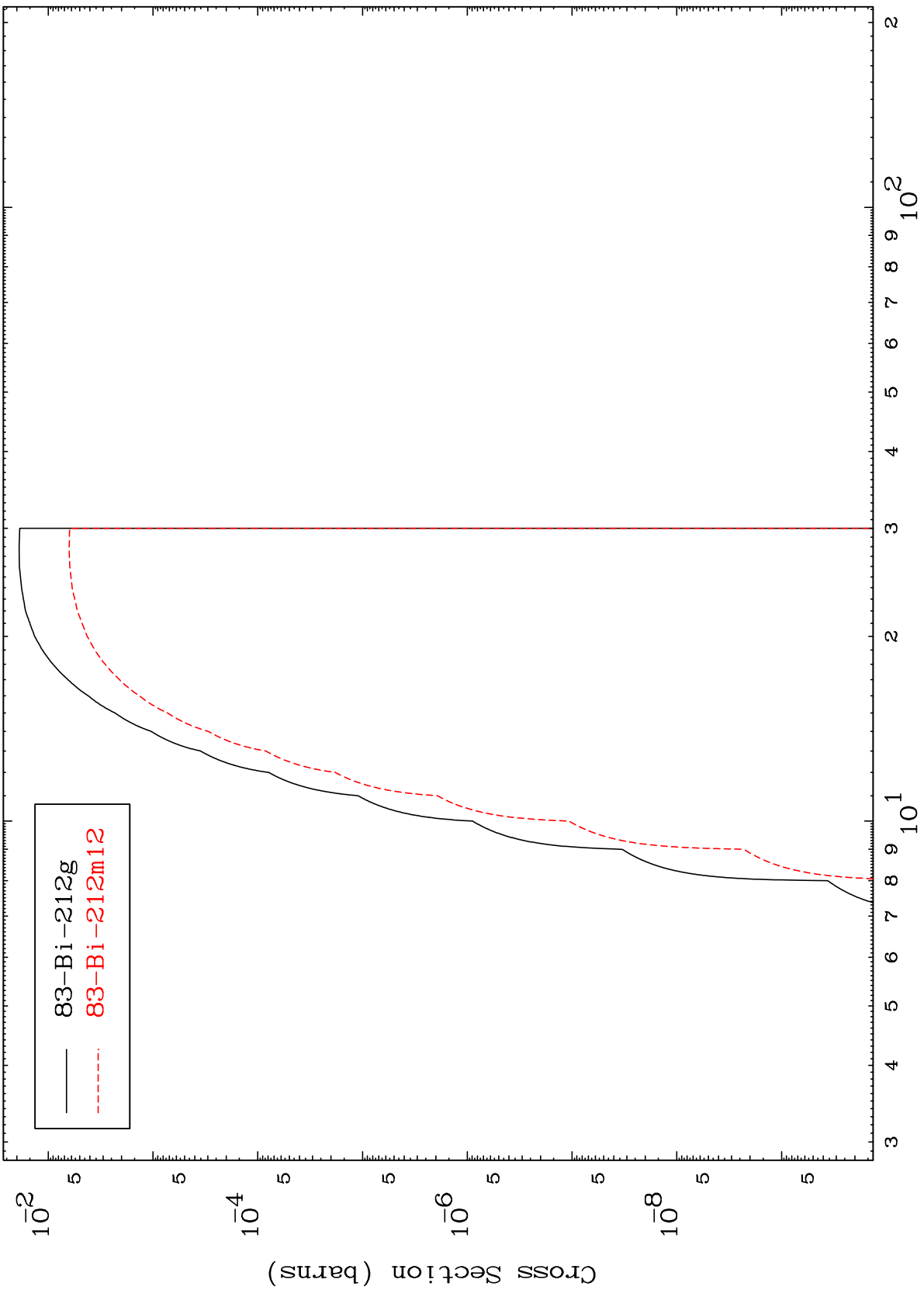
Incident Energy (MeV)

83-Bi-213

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83-Bi-213

(n,d)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

83-Bi-213