

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

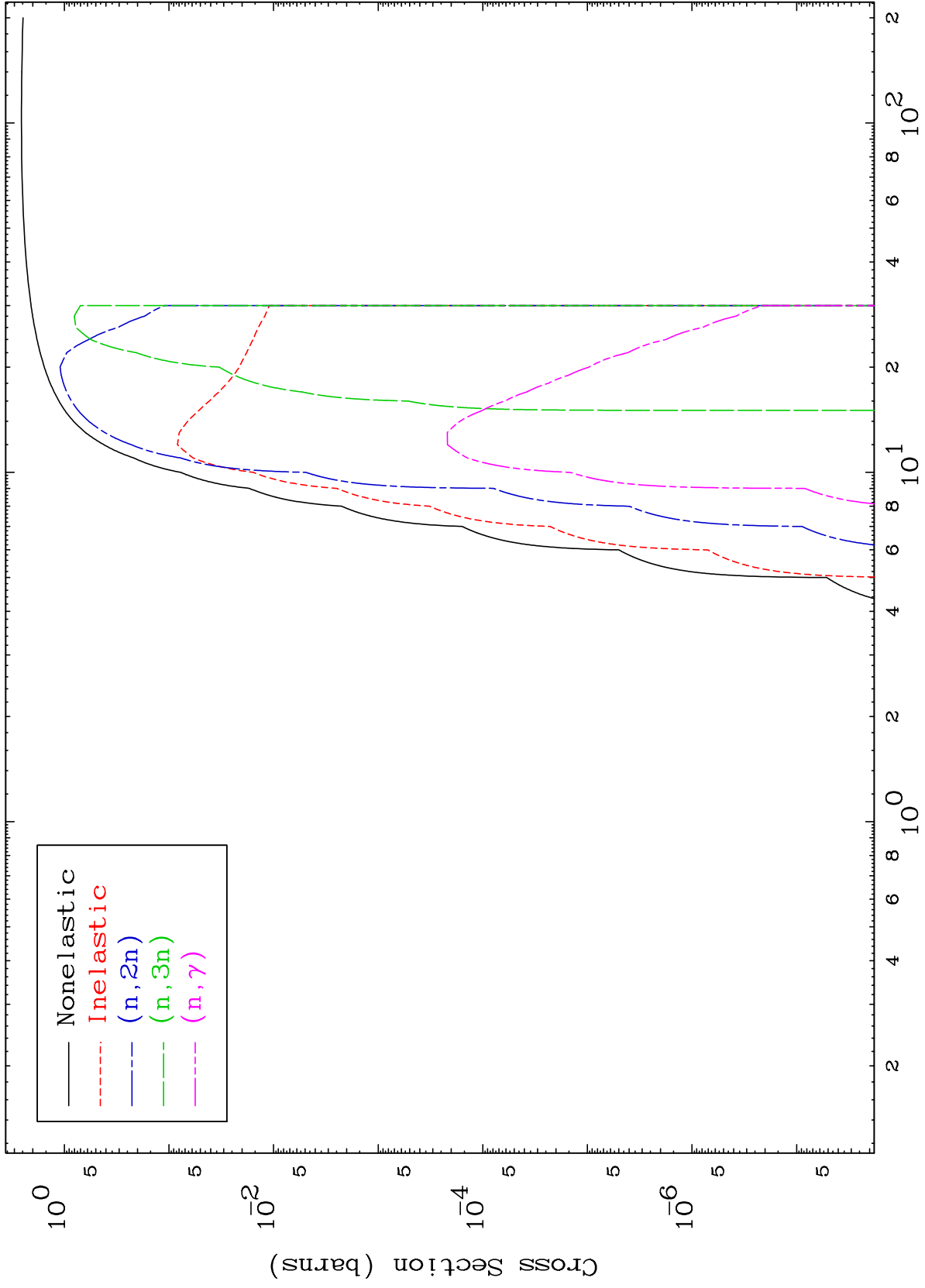
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

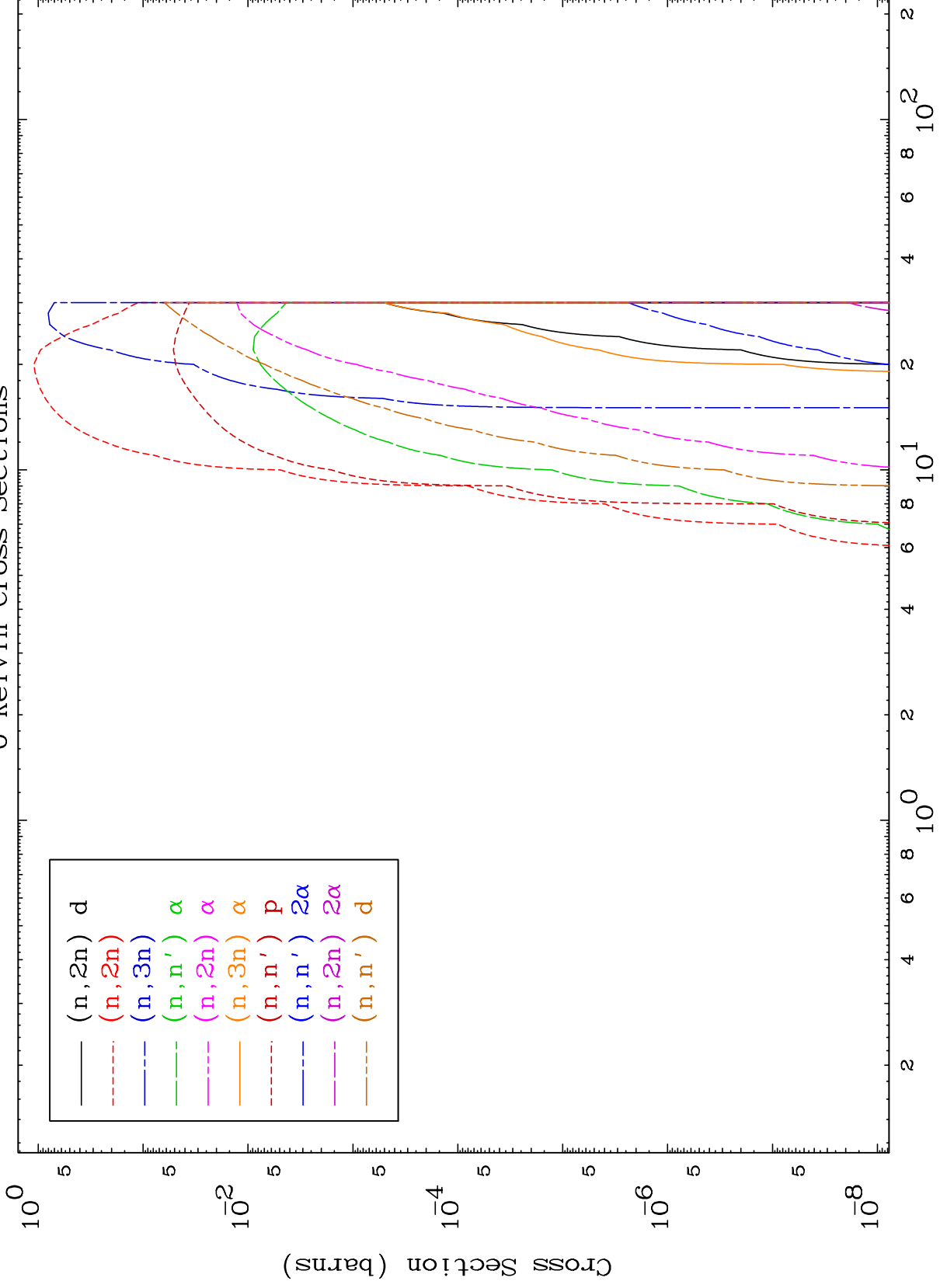
Press Mouse Button to Start

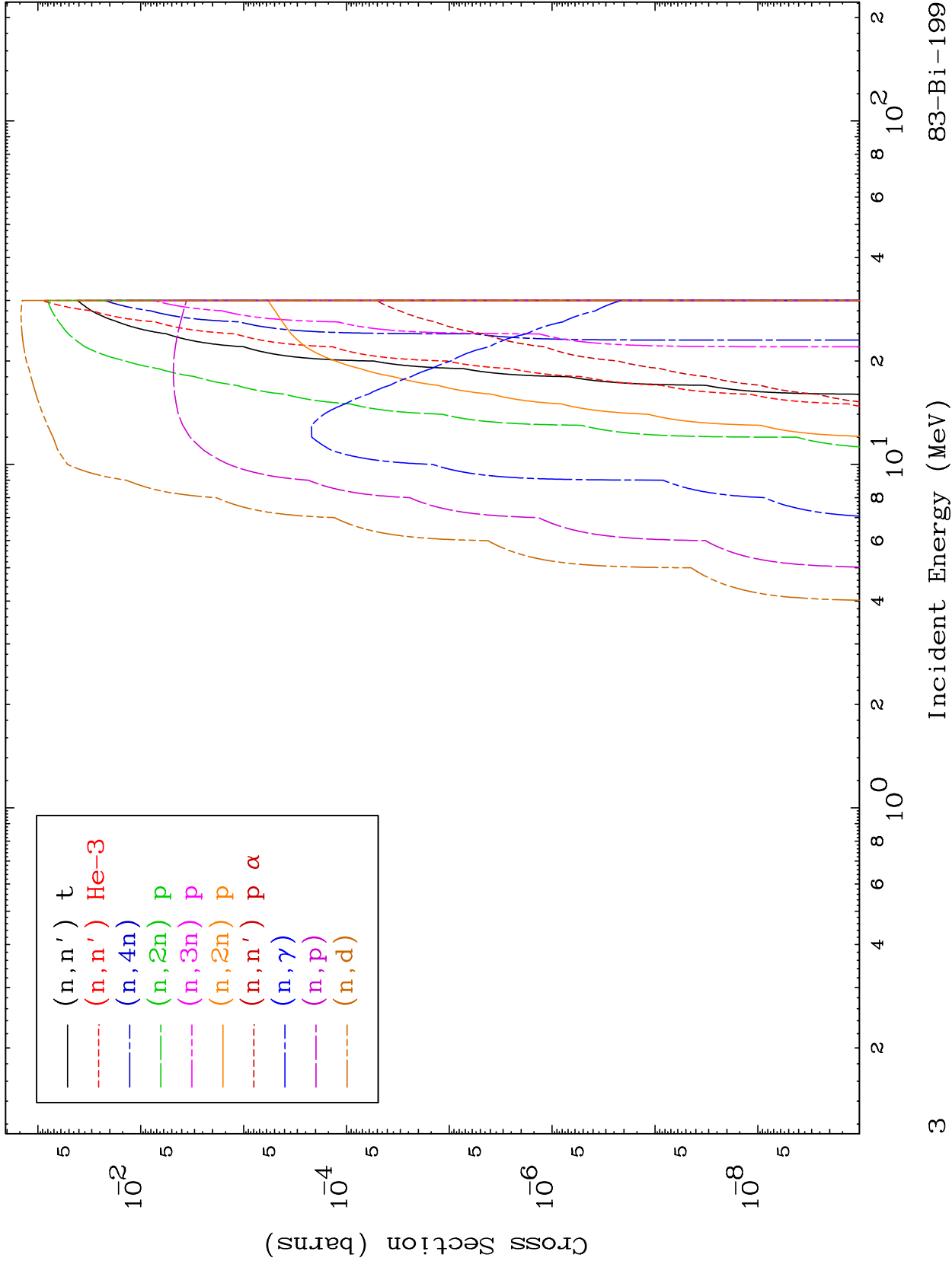


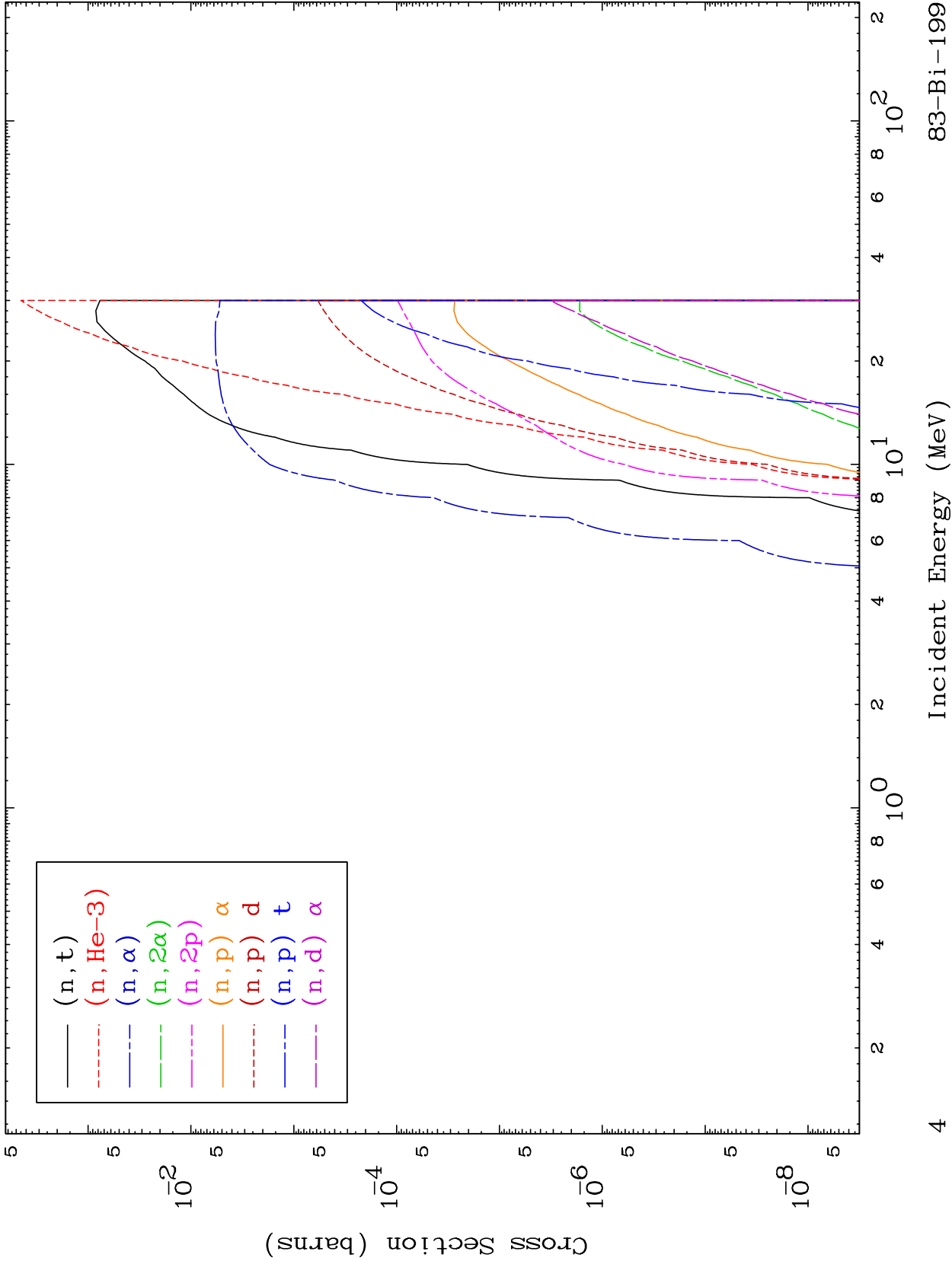
MAT 8295

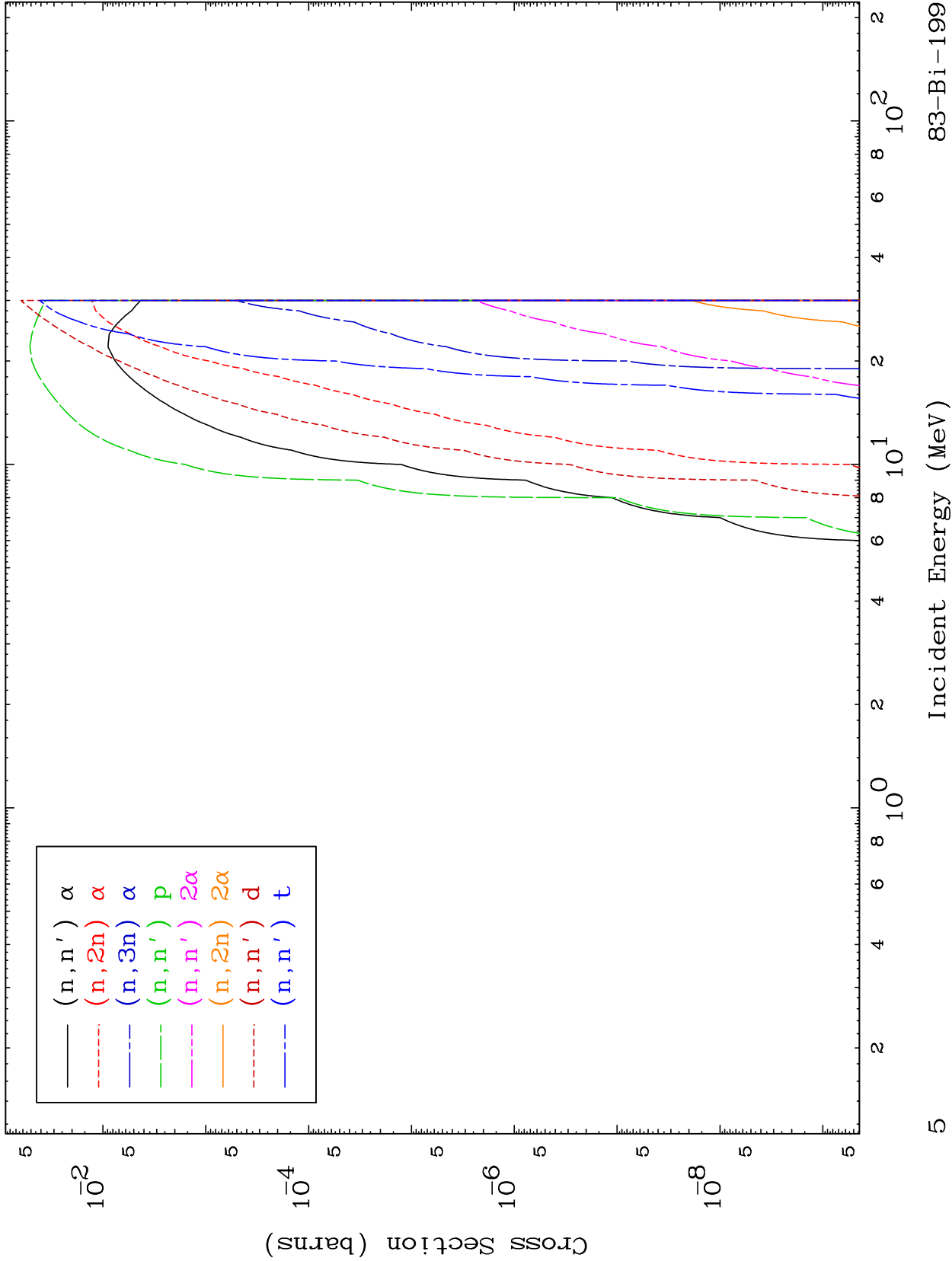
Triton Neutron Absorption  
0 Kelvin Cross Sections

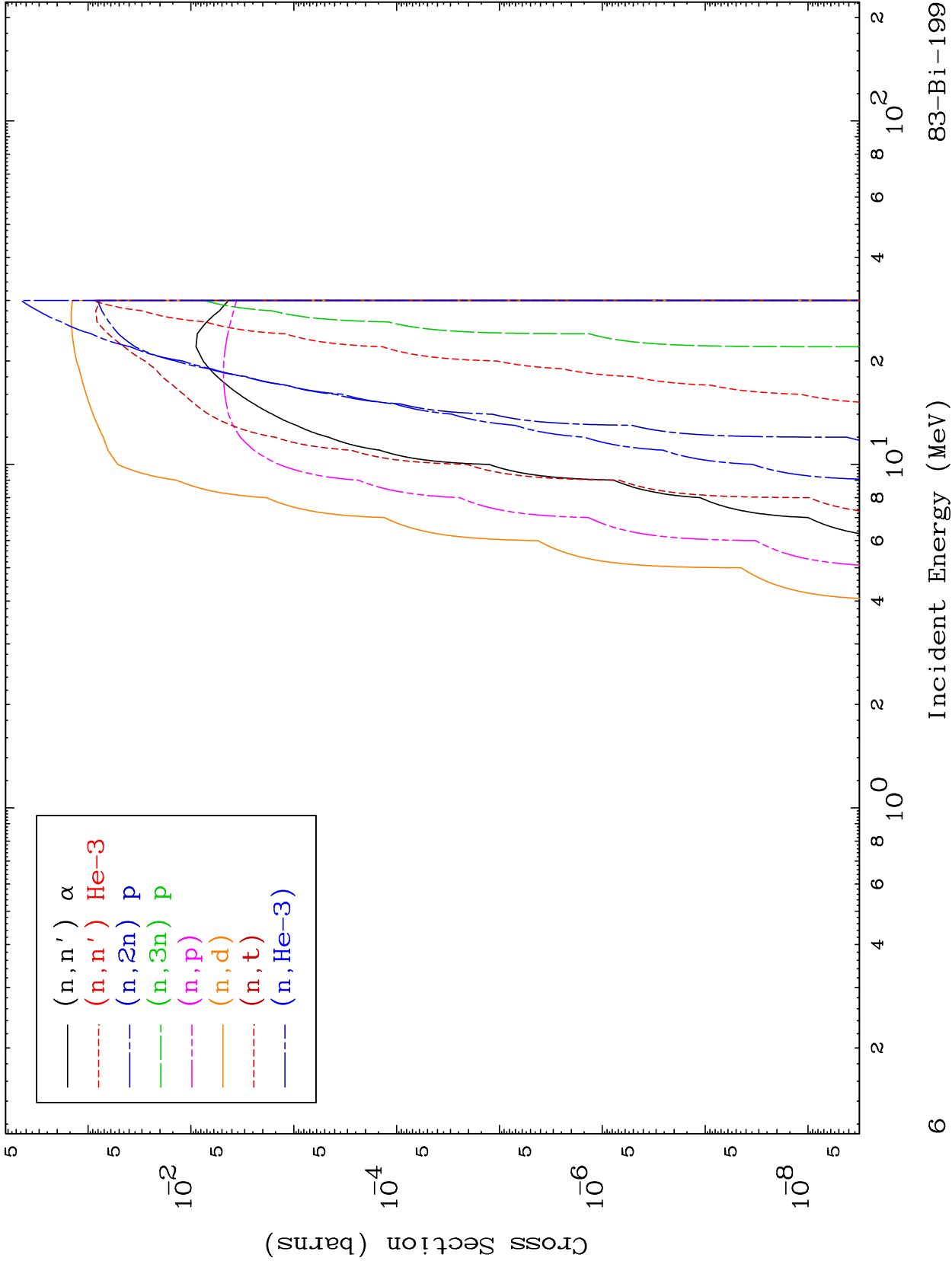
83-Bi-199

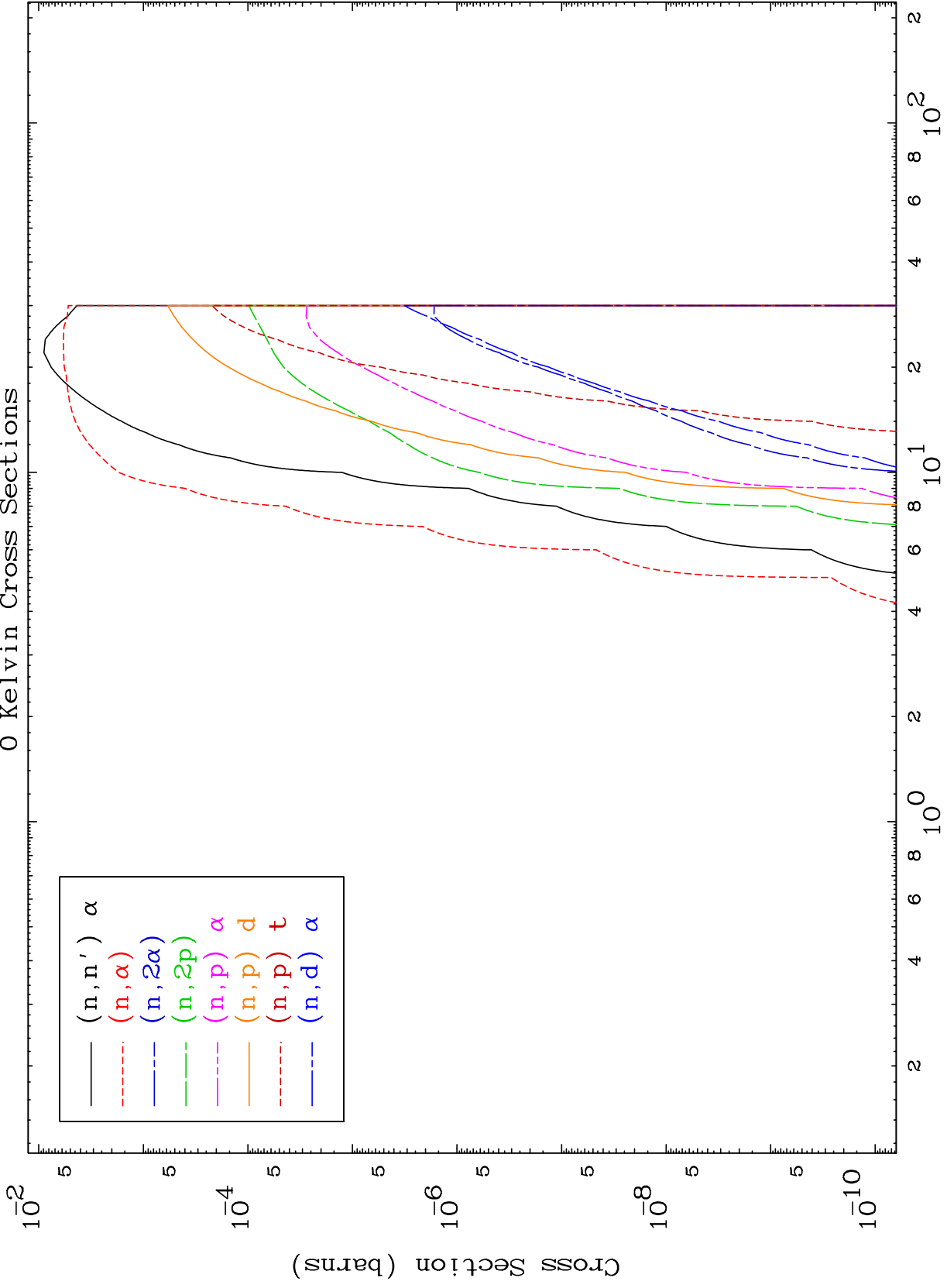








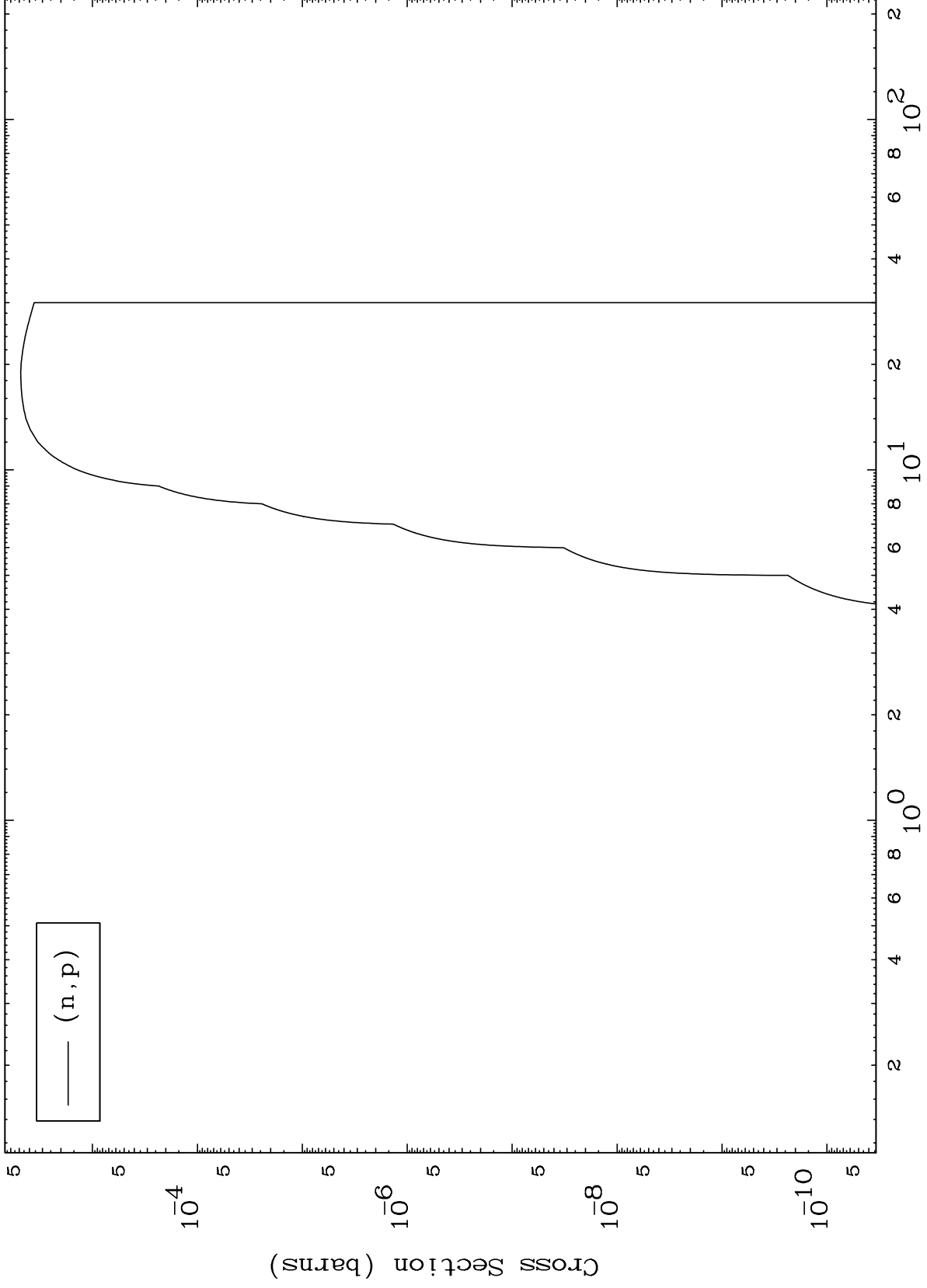




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(t,p) Levels  
0 Kelvin Cross Sections

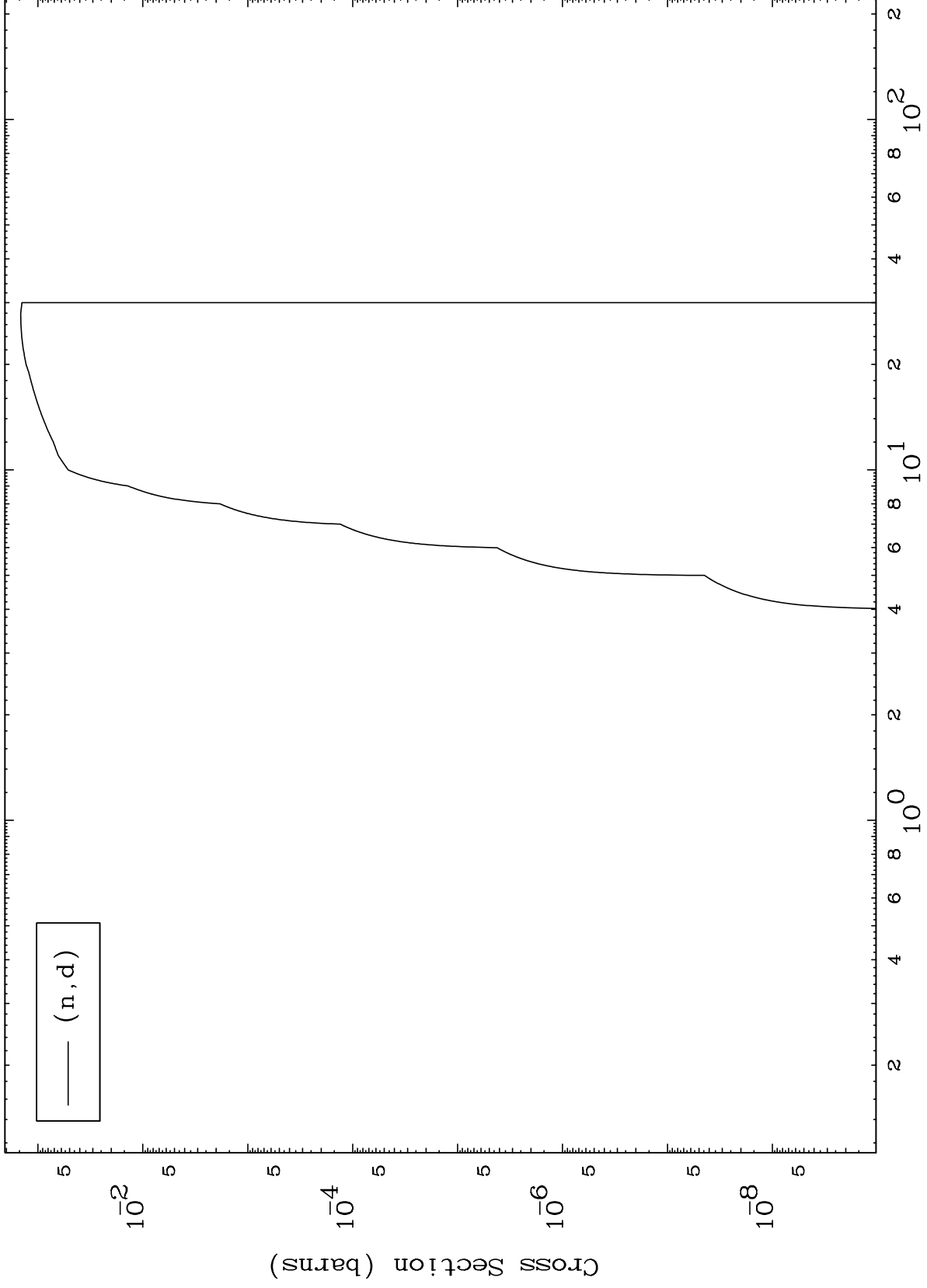
83-Bi-199



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(t,d) Levels  
0 Kelvin Cross Sections

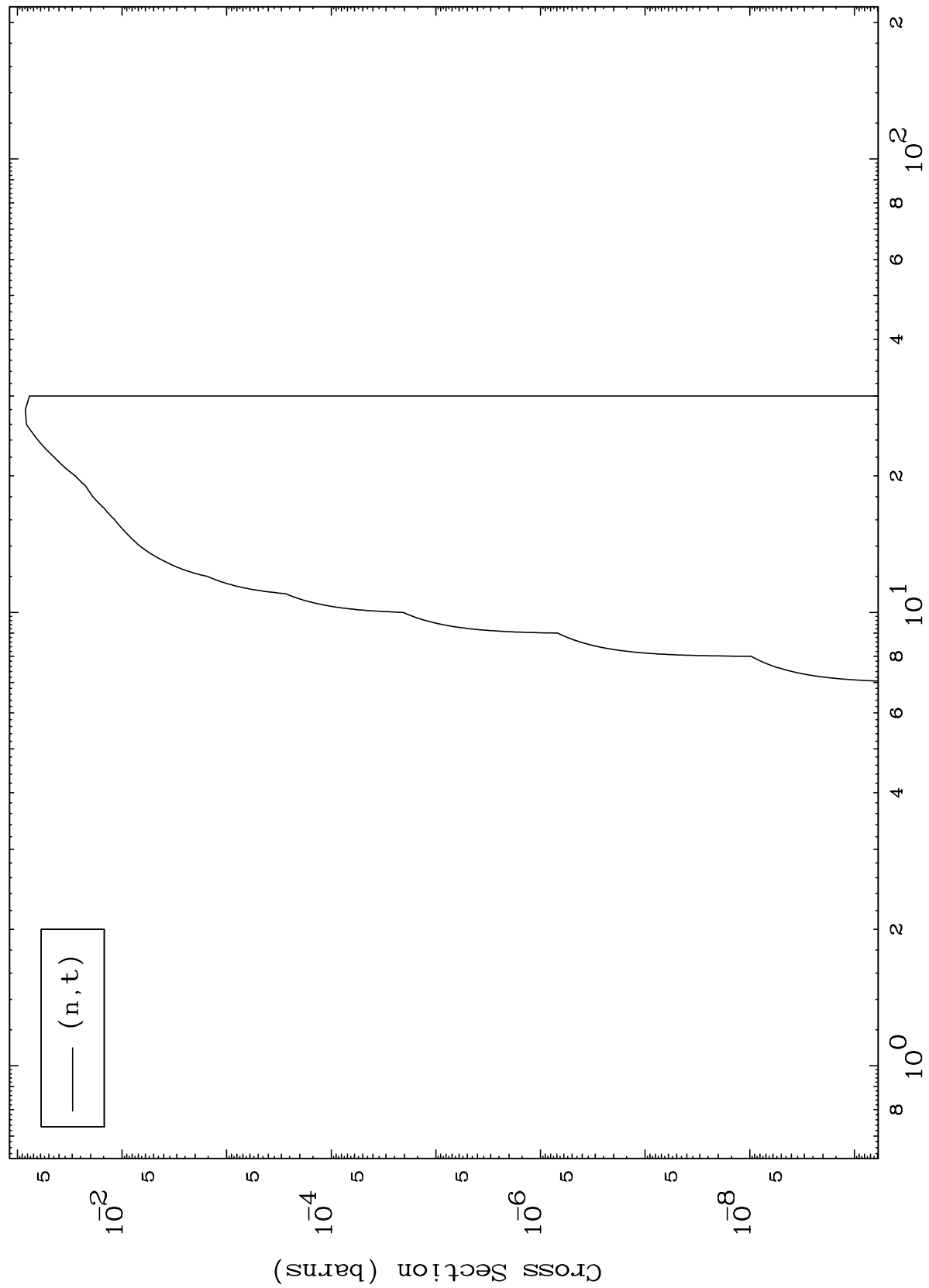
83-Bi-199



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83-Bi-199

(t, t) Levels  
0 Kelvin Cross Sections



83-Bi-199

Incident Energy (MeV)

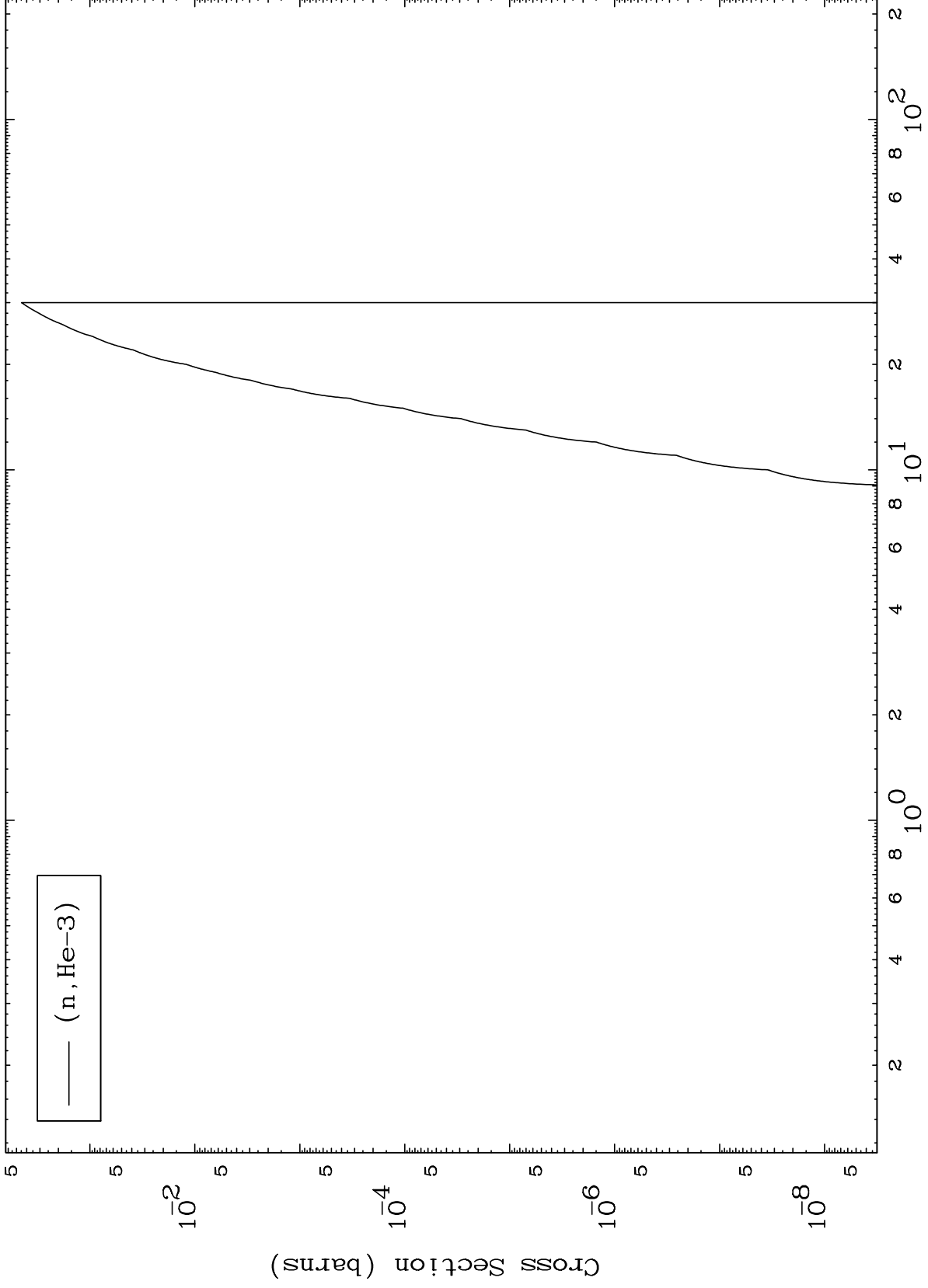
10

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(t,He3) Levels

83-Bi-199

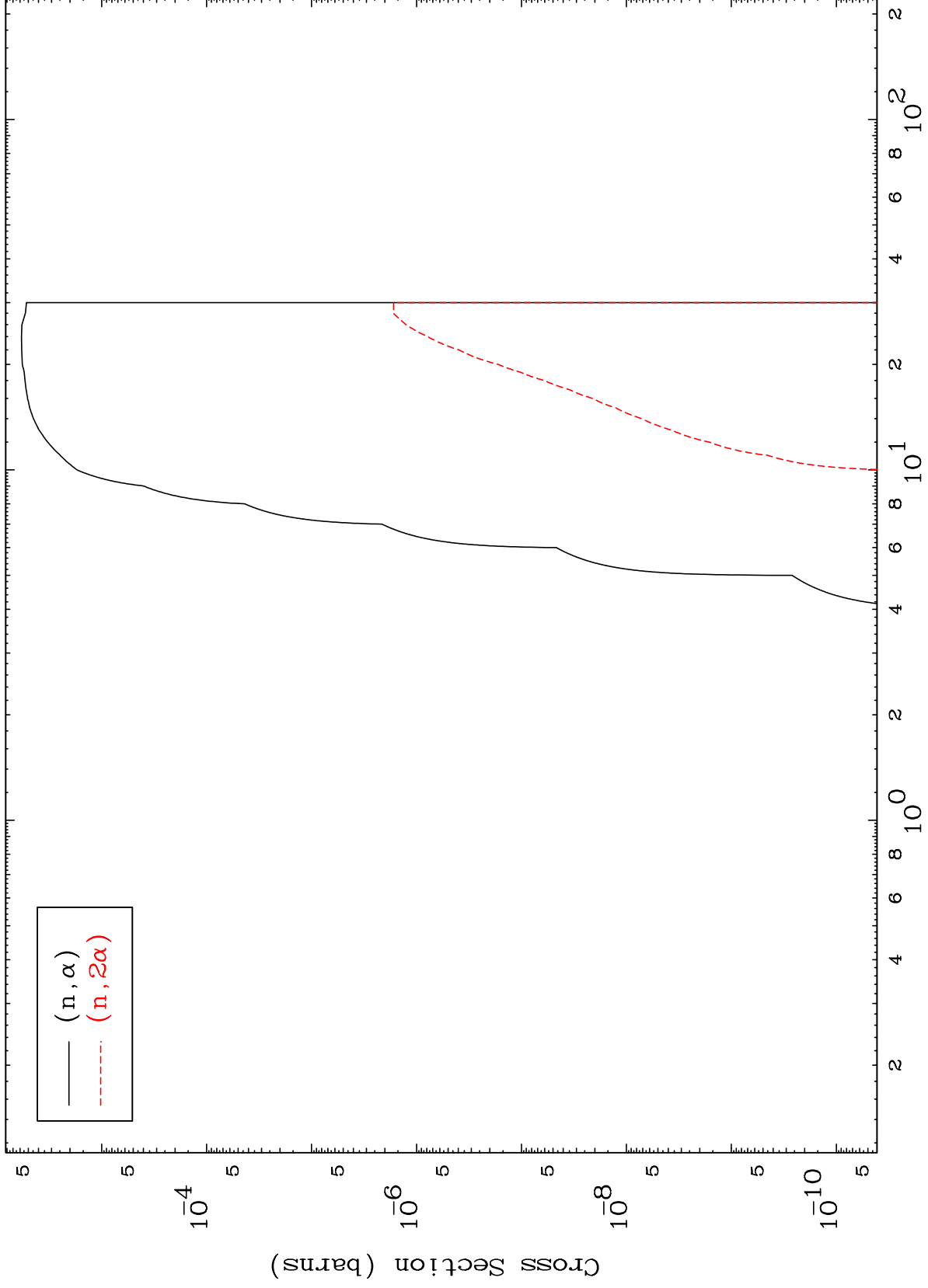
0 Kelvin Cross Sections



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

83-Bi-199



12

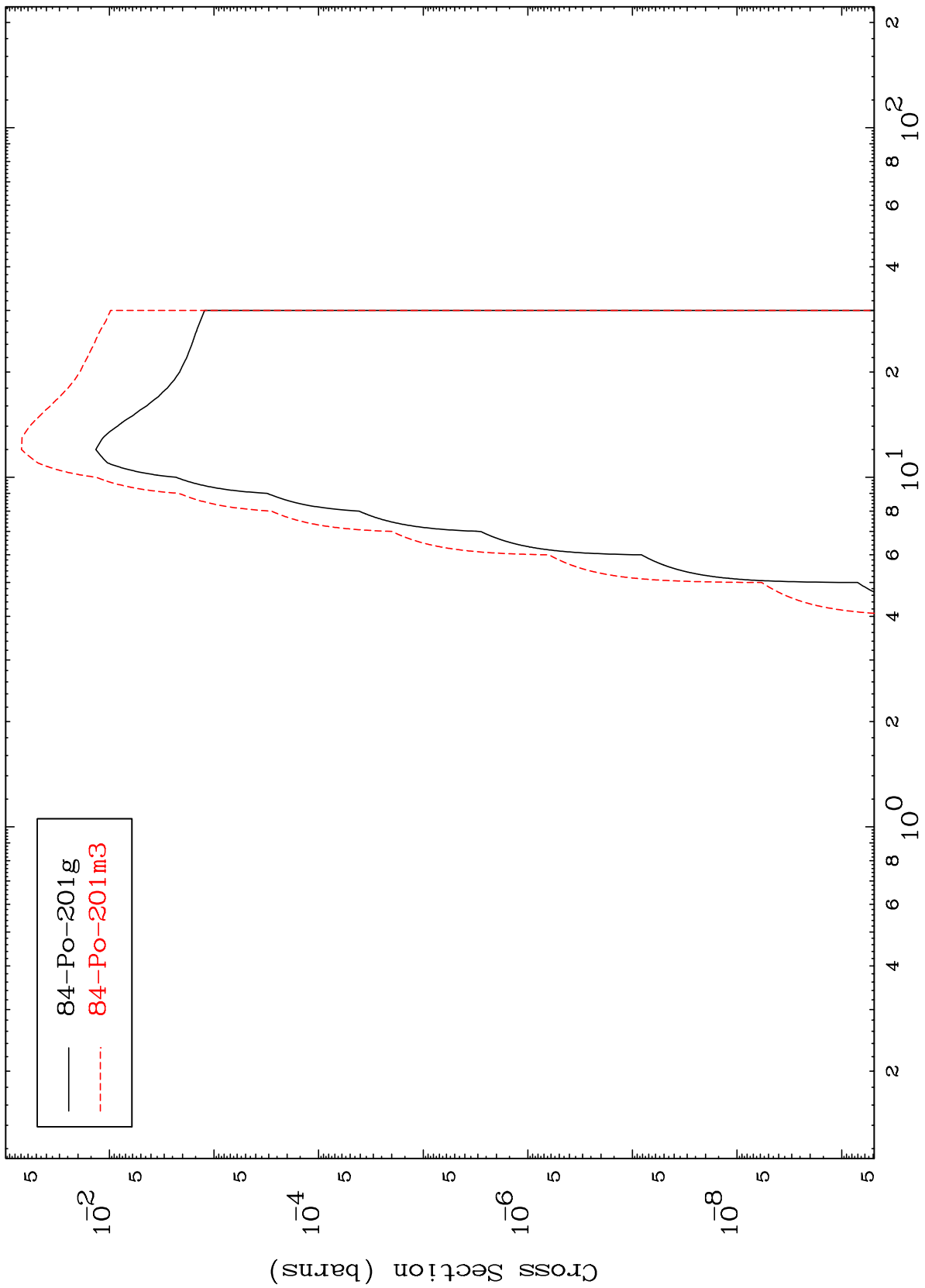
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

Radionuclide Production Cross Section



84-Po-201g  
84-Po-201m3

83-Bi-199

Incident Energy (MeV)

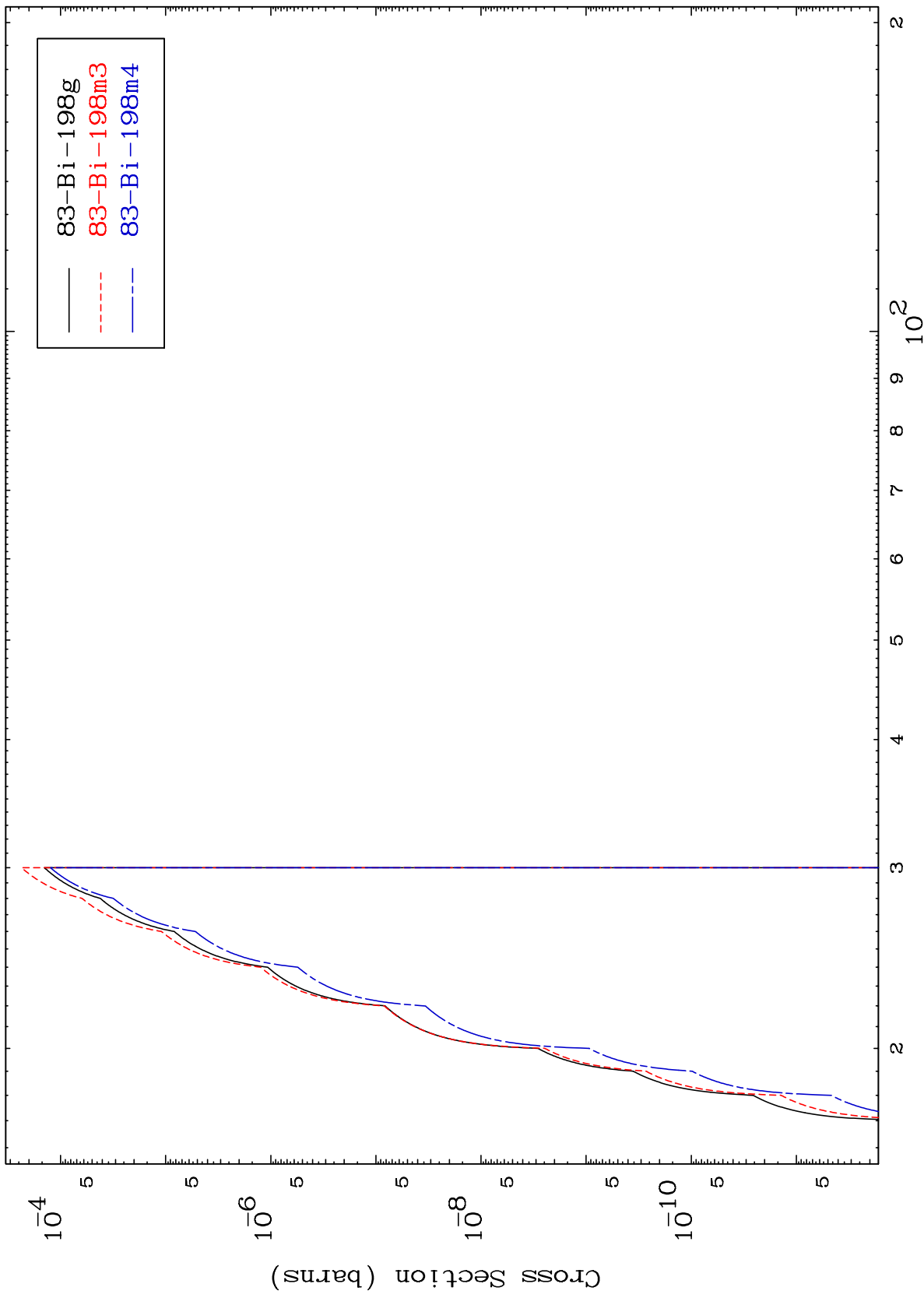
13

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(n,2n) d

83-Bi-199

Radionuclide Production Cross Section



14

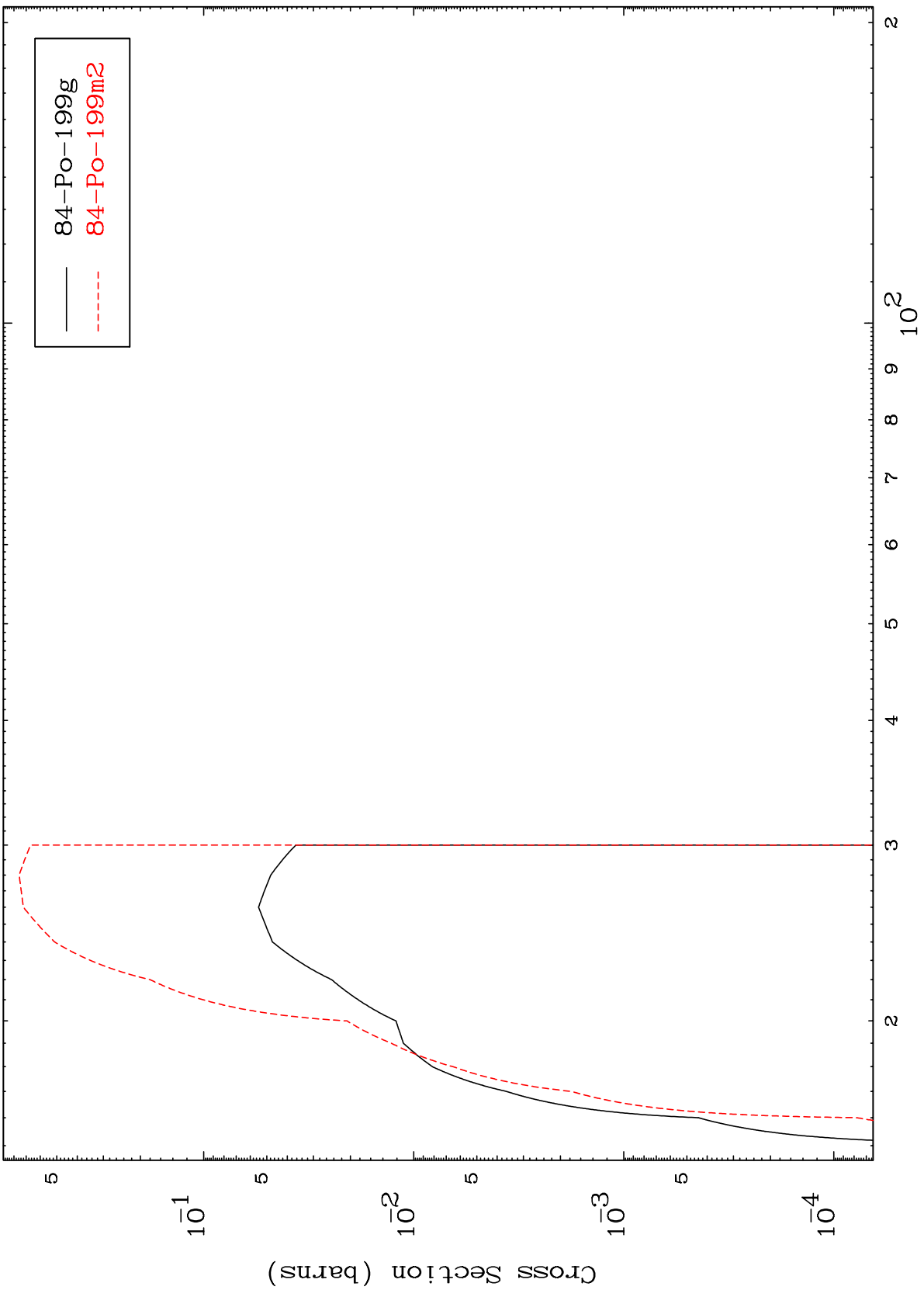
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

(n,3n)  
Radionuclide Production Cross Section



84-Po-199g  
84-Po-199m2

15

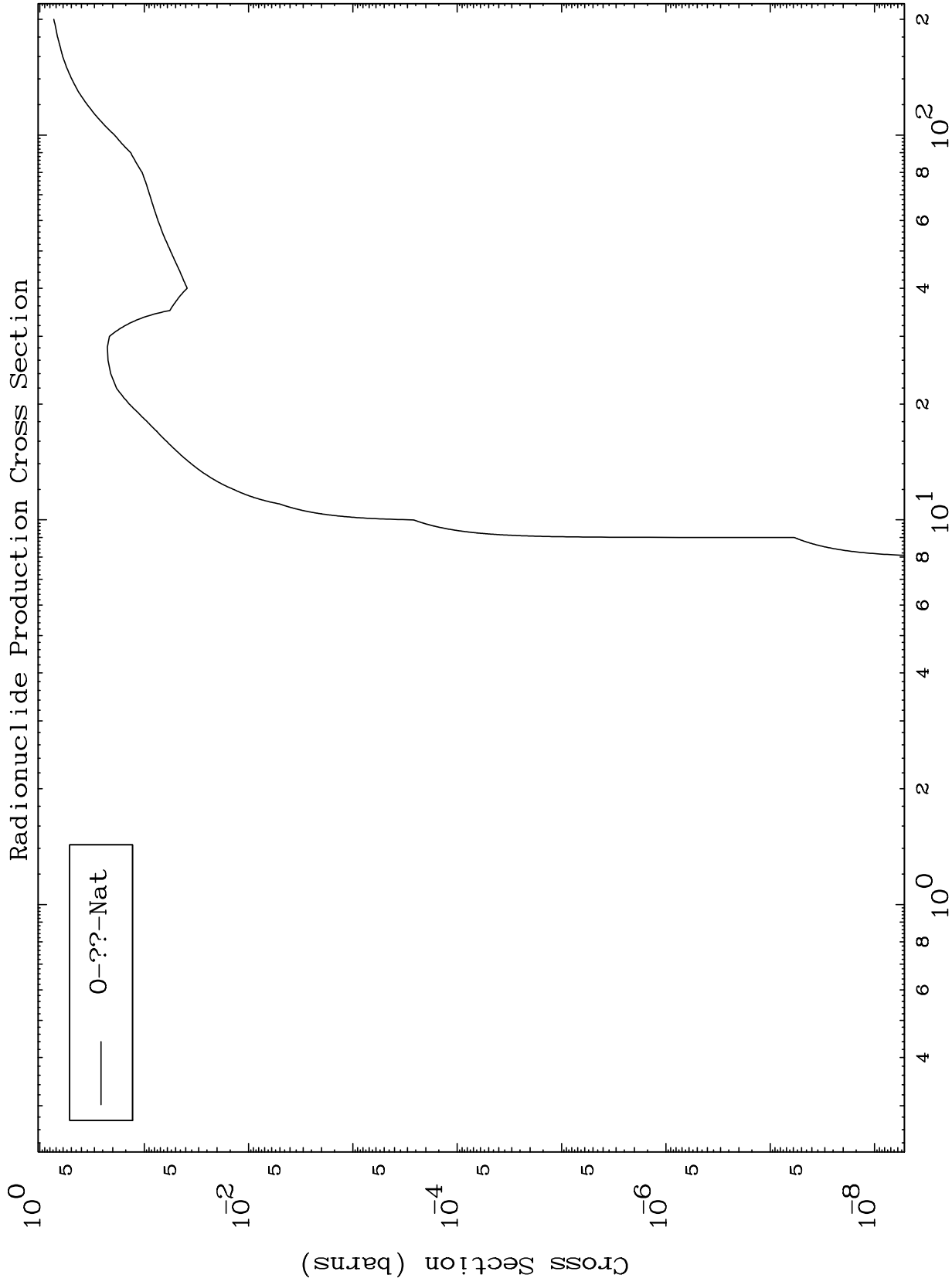
Incident Energy (MeV)

83-Bi-199

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Fission

83-Bi-199

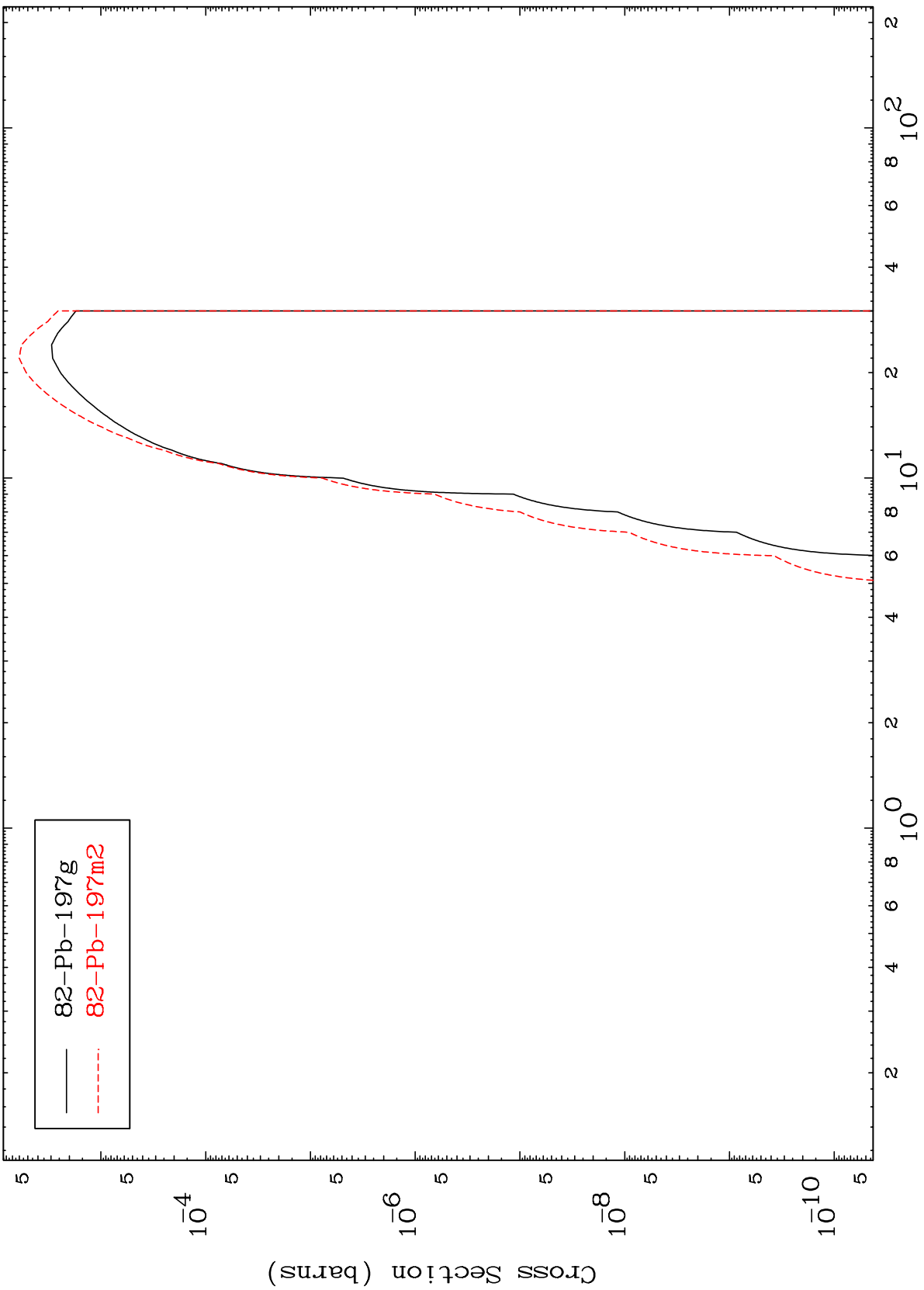


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$(n, n') \alpha$

83-Bi-199

Radionuclide Production Cross Section

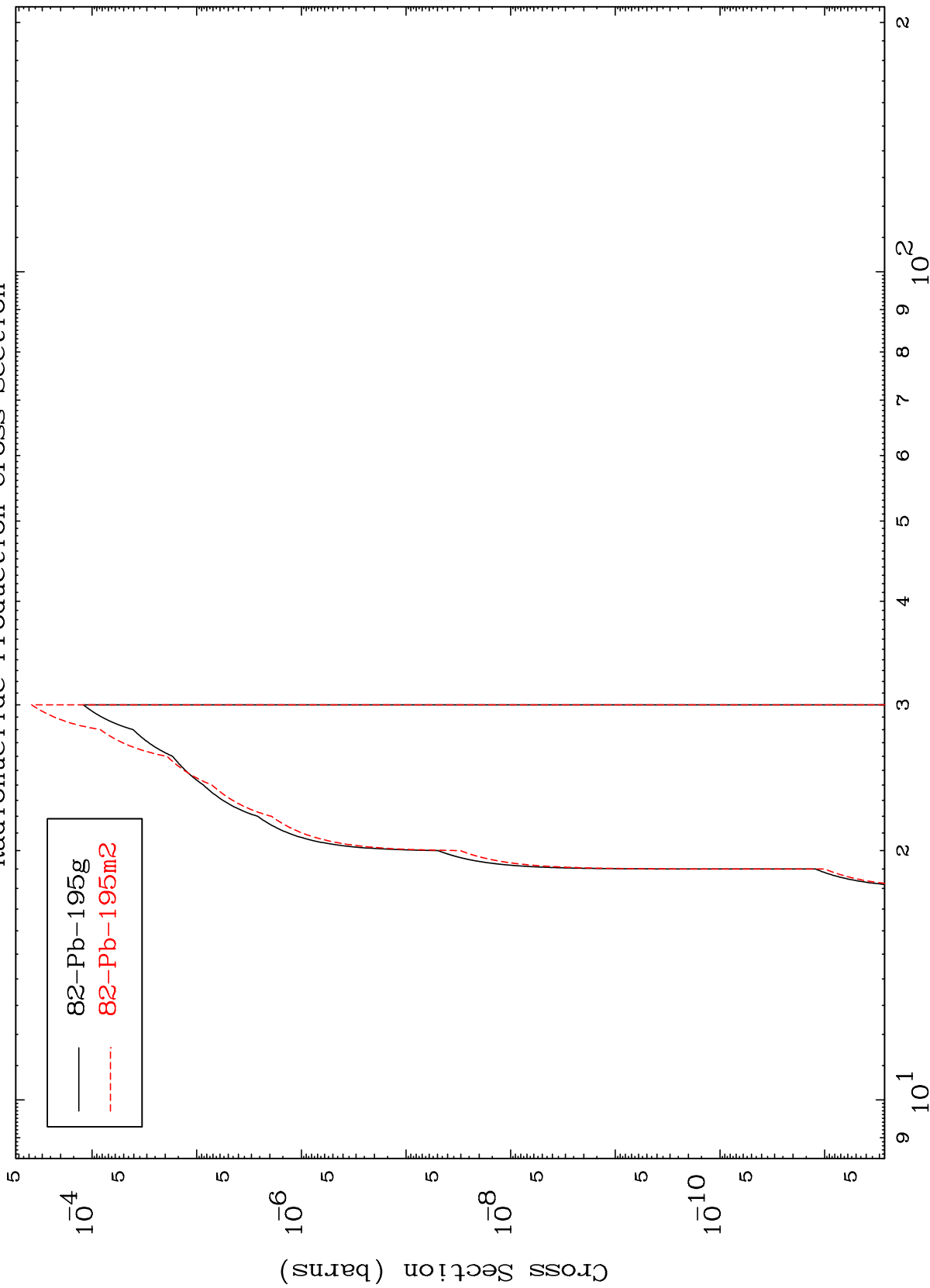


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(n,3n)  $\alpha$

83-Bi-199

Radionuclide Production Cross Section



Incident Energy (MeV)

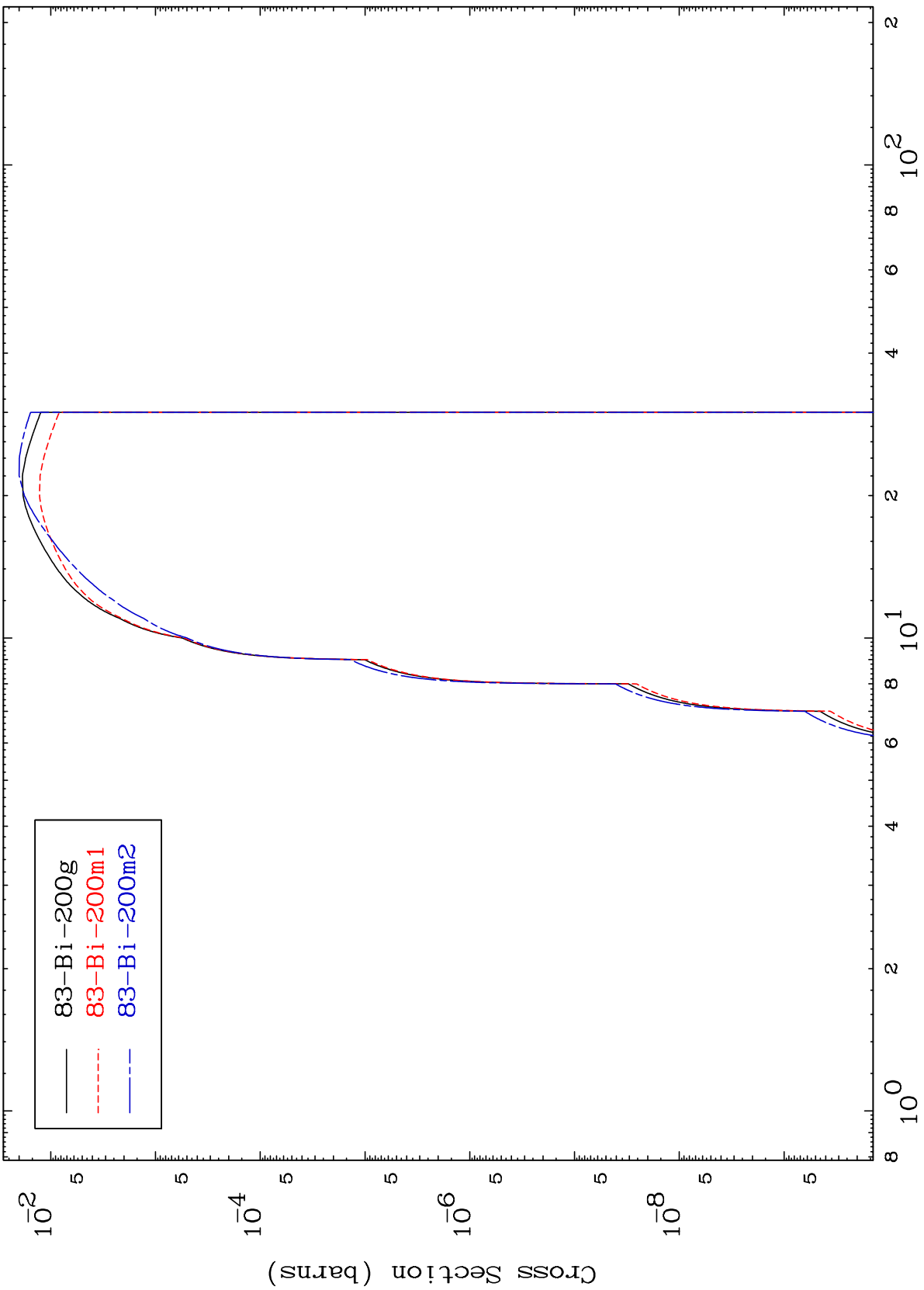
83-Bi-199

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(n,n') p

83-Bi-199

Radionuclide Production Cross Section



19

Incident Energy (MeV)

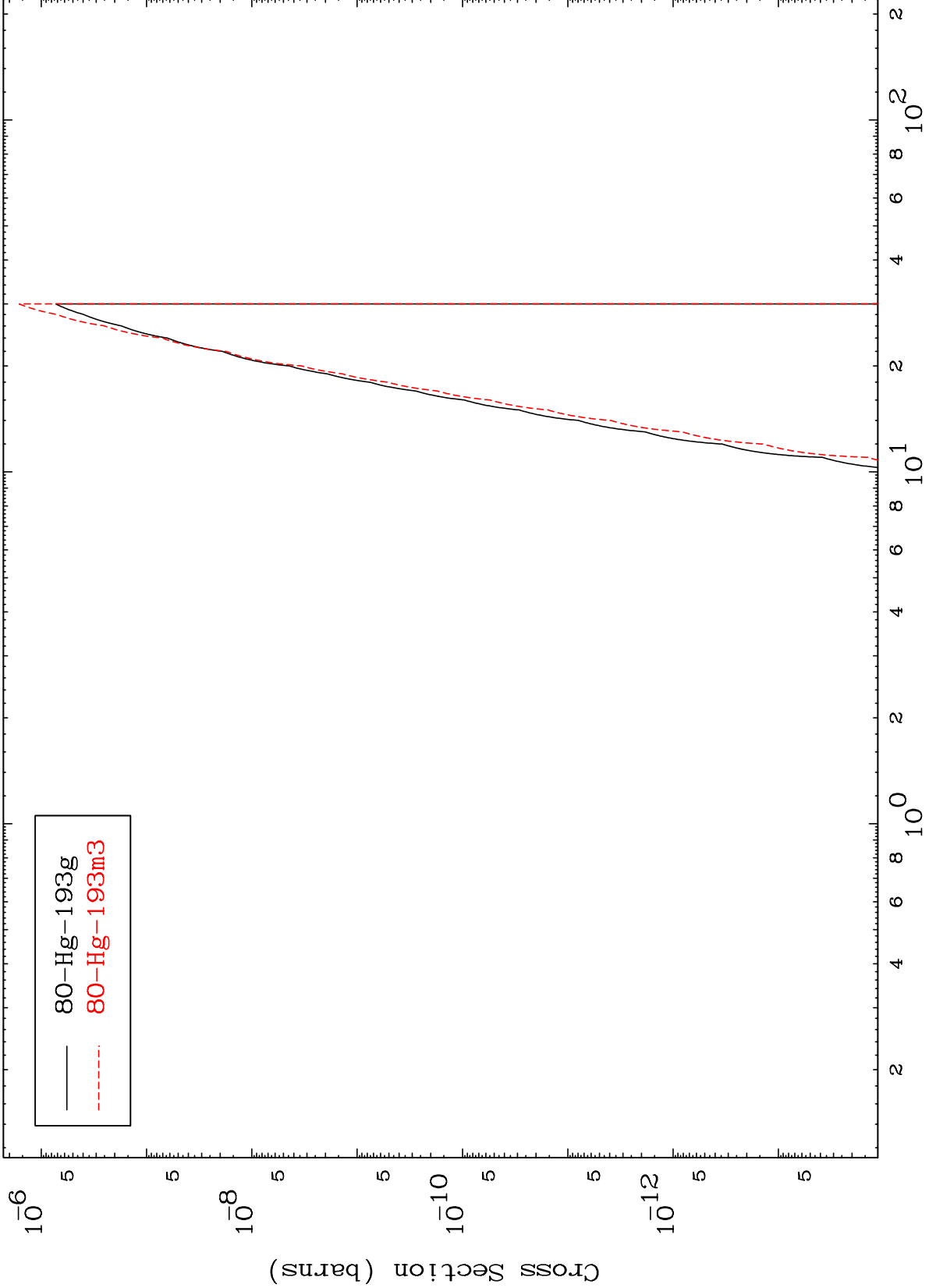
83-Bi-199

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(n,n') 2 $\alpha$

83-Bi-199

Radionuclide Production Cross Section



80-Hg-193g  
80-Hg-193m3

20

Incident Energy (MeV)

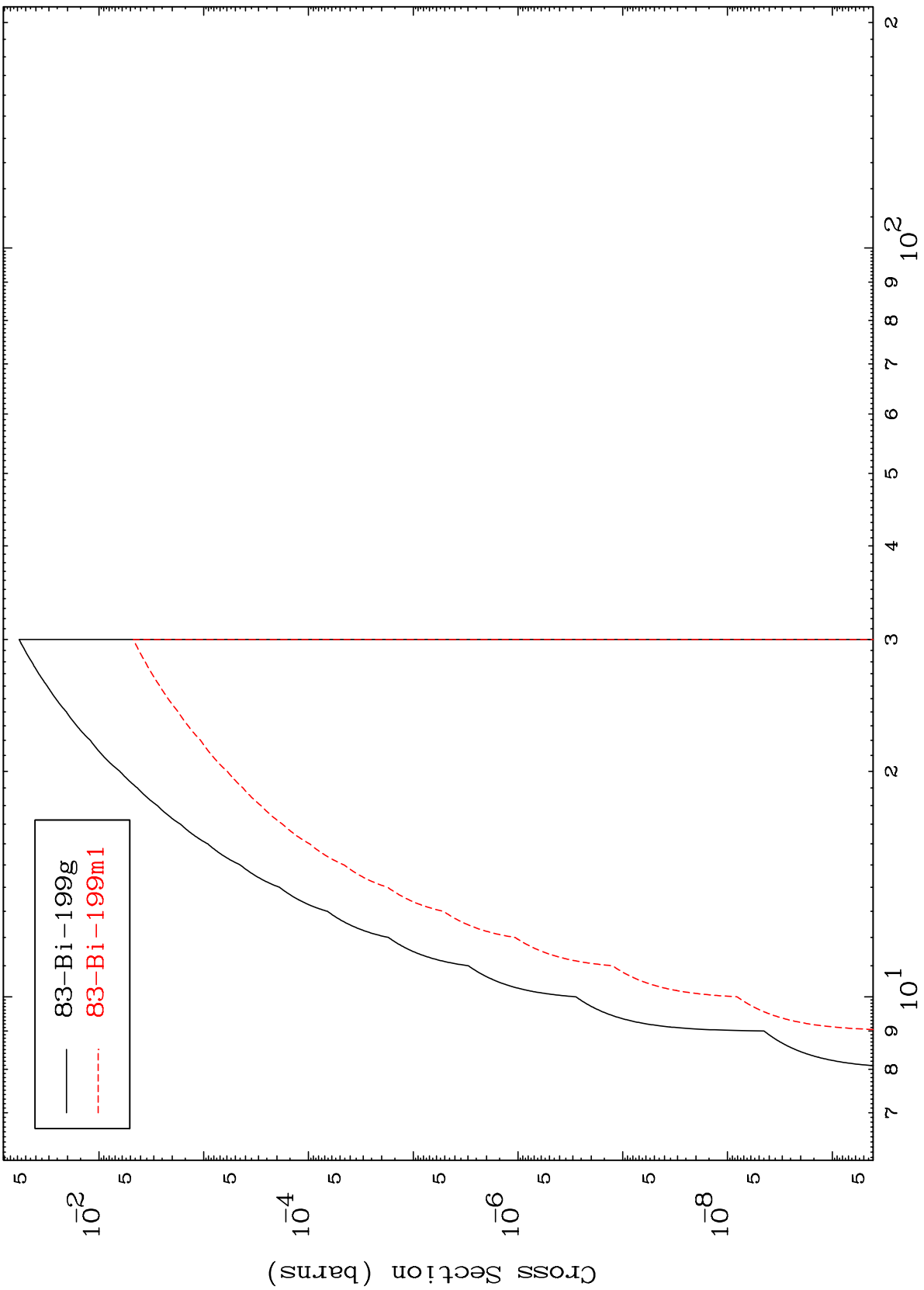
83-Bi-199

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(n,n') d

83-Bi-199

Radionuclide Production Cross Section



21

Incident Energy (MeV)

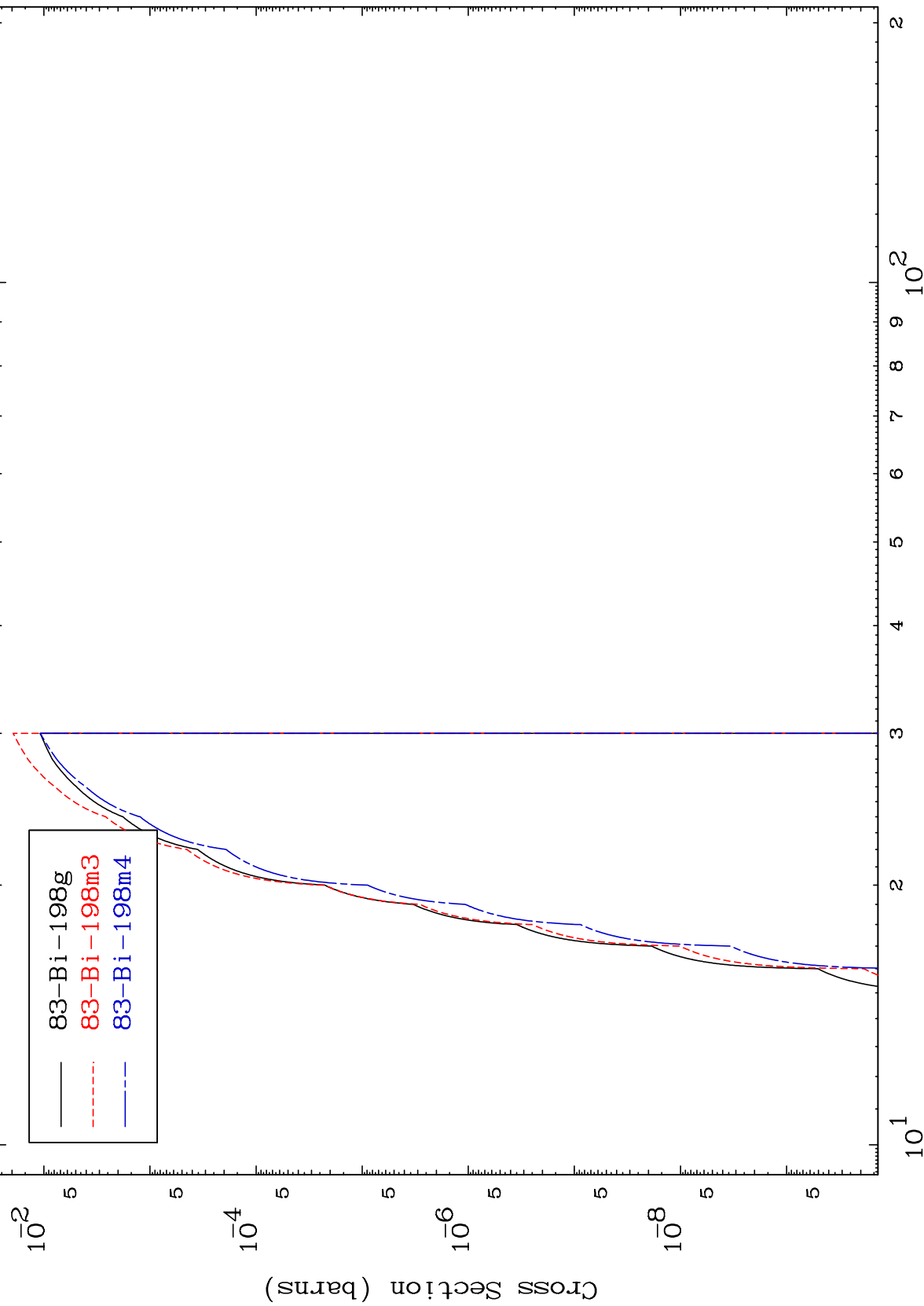
83-Bi-199

MAT 8295

(n,n') t

83-Bi-199

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-199

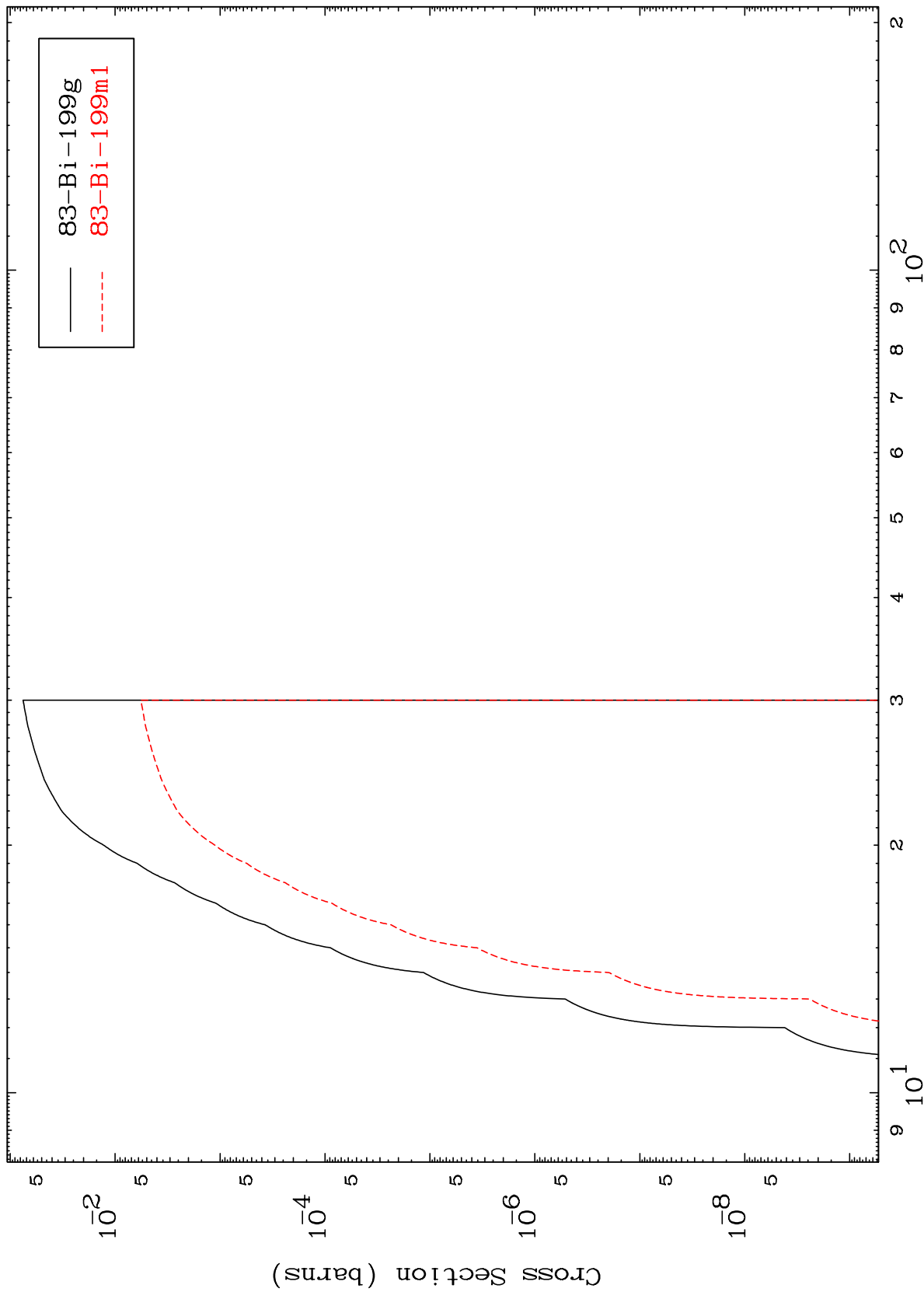
22

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83-Bi-199

(n,2n) p

Radionuclide Production Cross Section



23

Incident Energy (MeV)

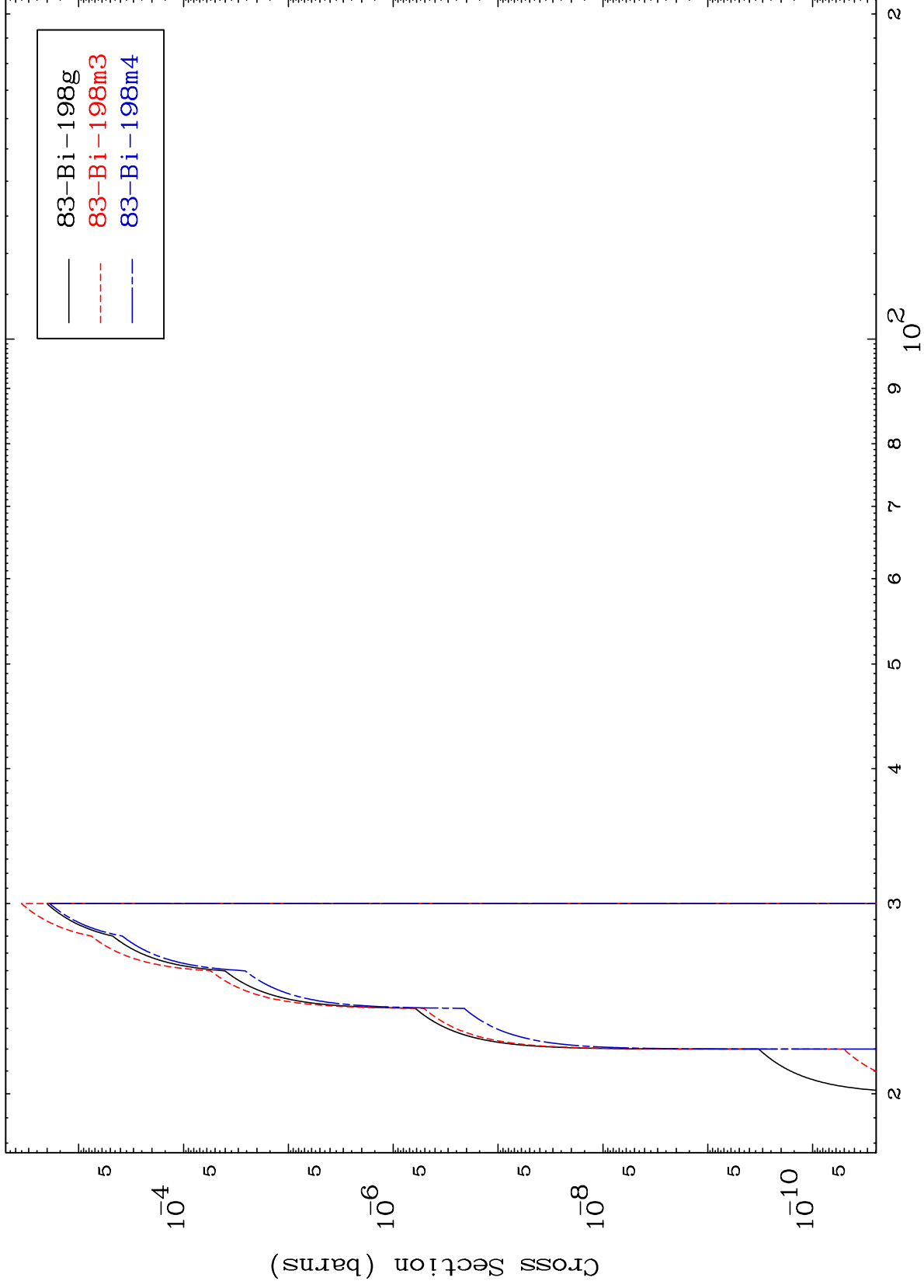
83-Bi-199

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(n,3n) p

83-Bi-199

Radionuclide Production Cross Section



24

Incident Energy (MeV)

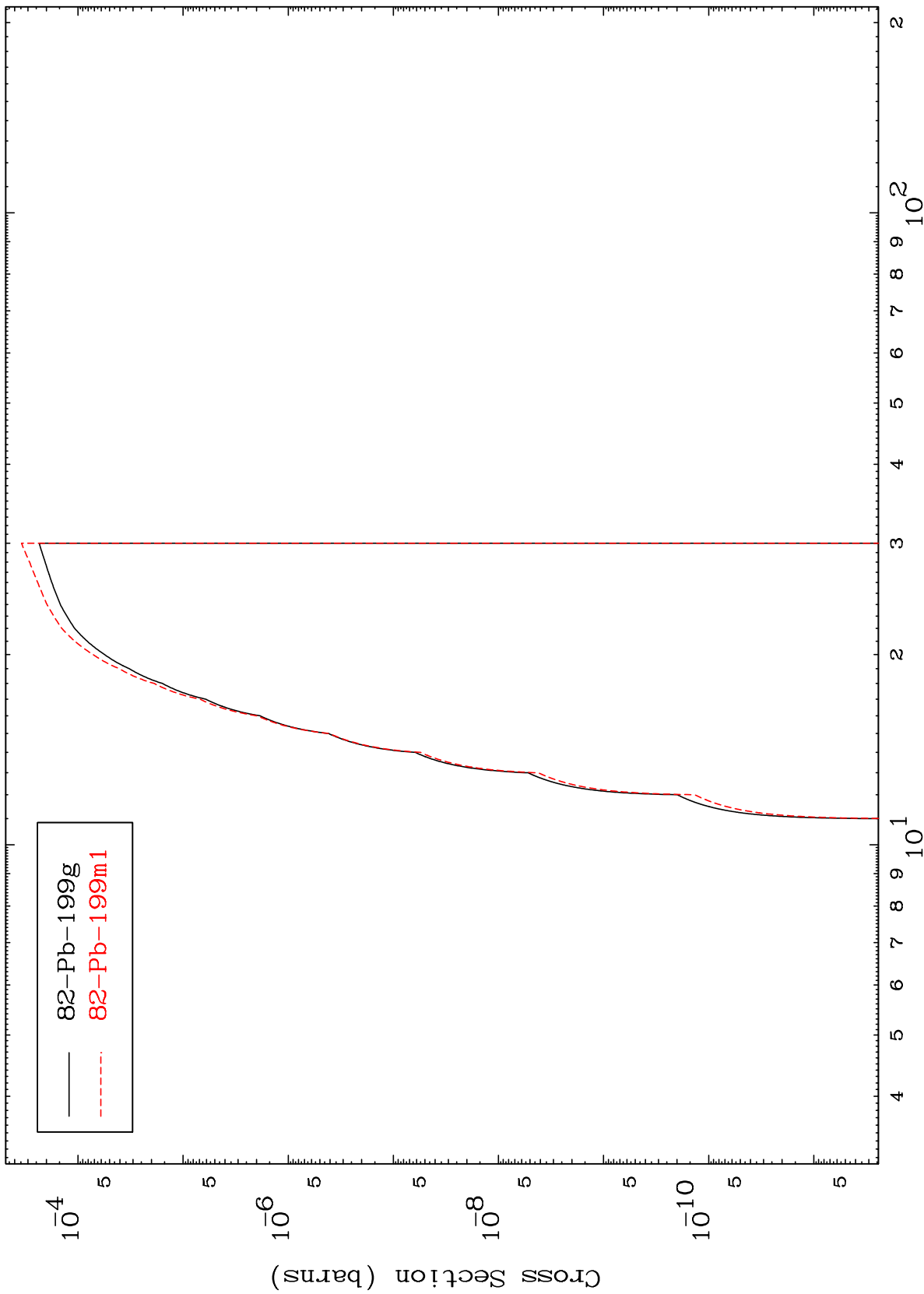
83-Bi-199

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83-Bi-199

(n,2n) p

Radionuclide Production Cross Section



25

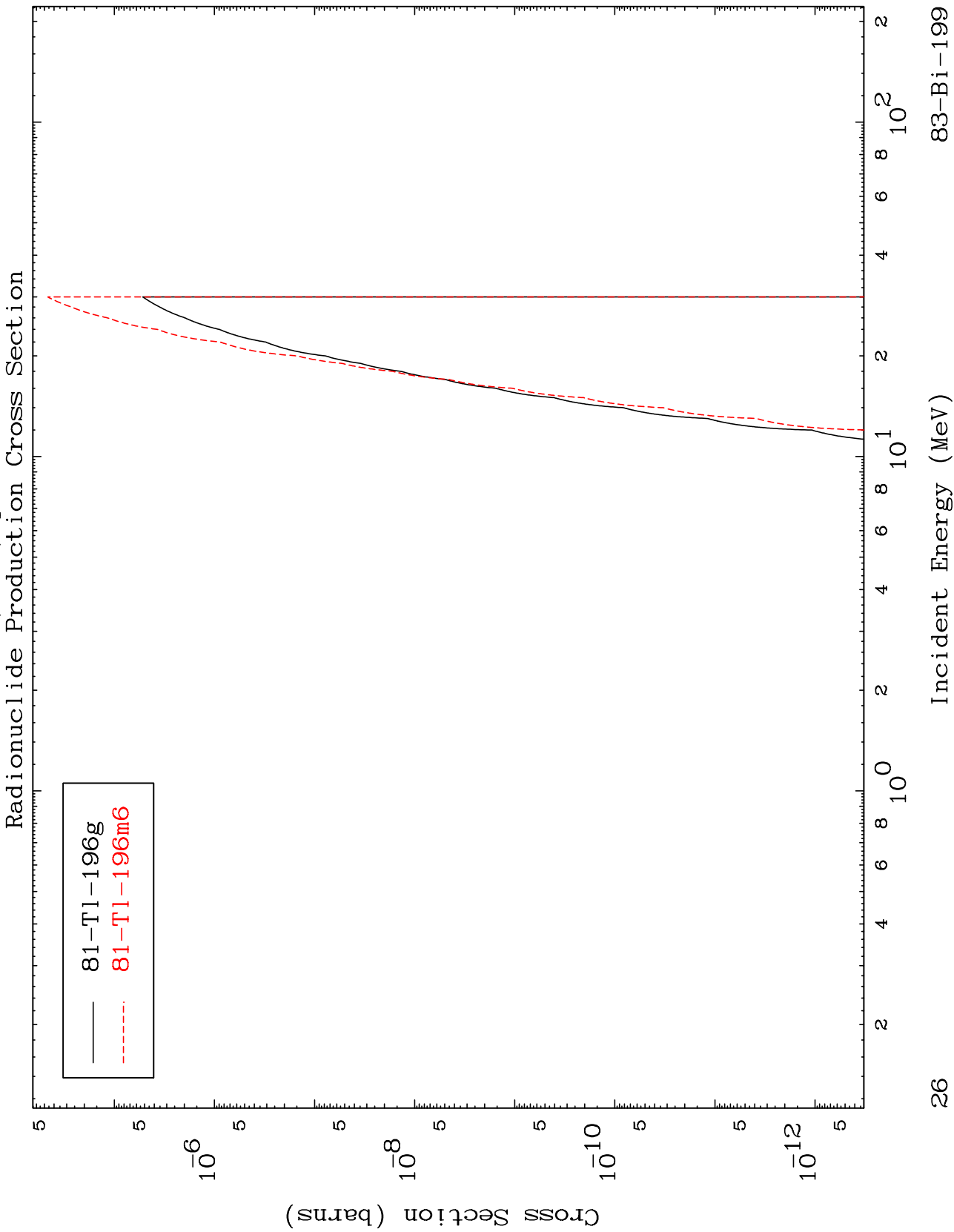
Incident Energy (MeV)

83-Bi-199

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(n,n') p  $\alpha$

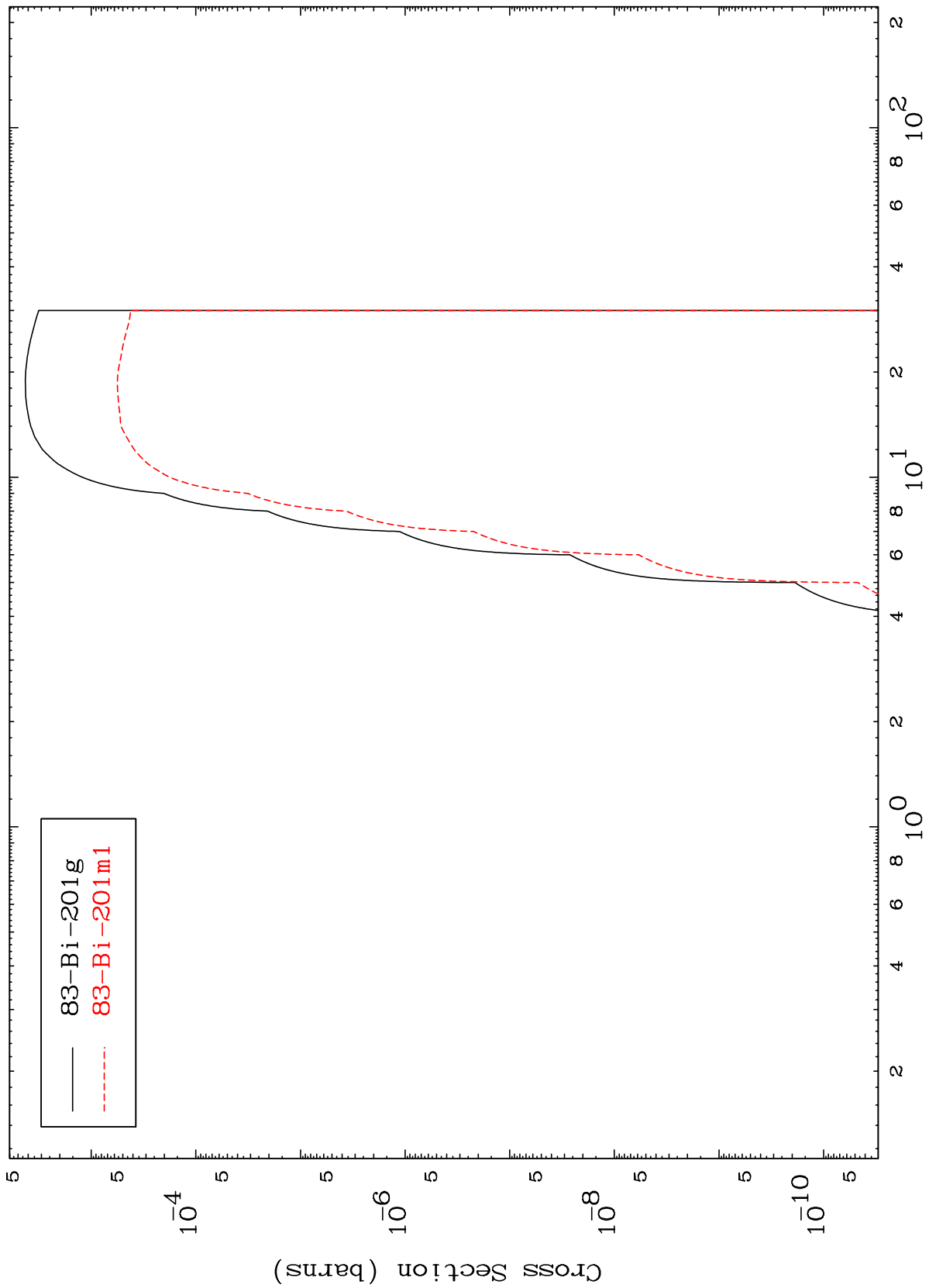
83-Bi-199



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83-Bi-199

(n,p)  
Radionuclide Production Cross Section



83-Bi-199

Incident Energy (MeV)

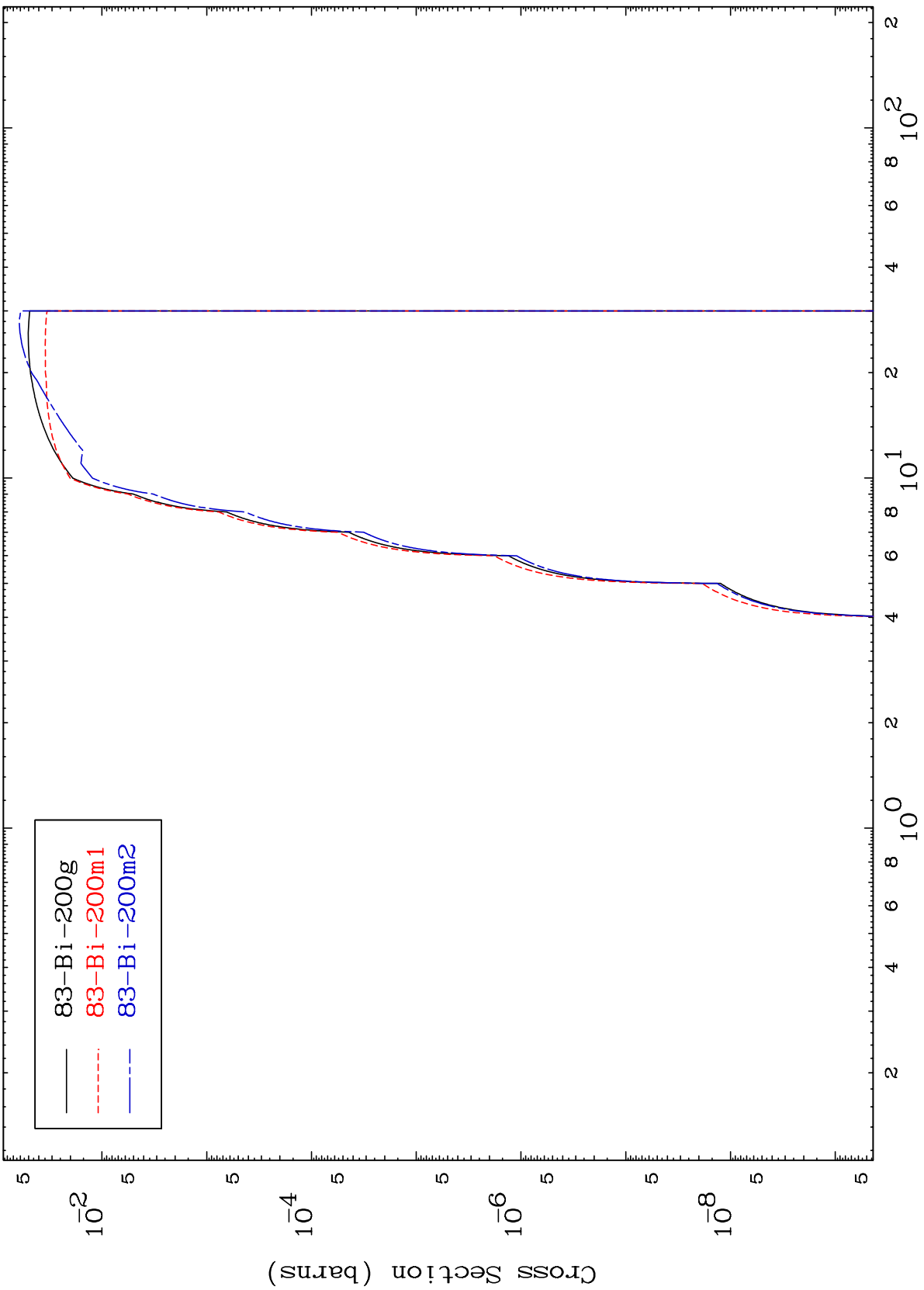
27

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83-Bi-199

(n,d)

Radionuclide Production Cross Section



83-Bi-199

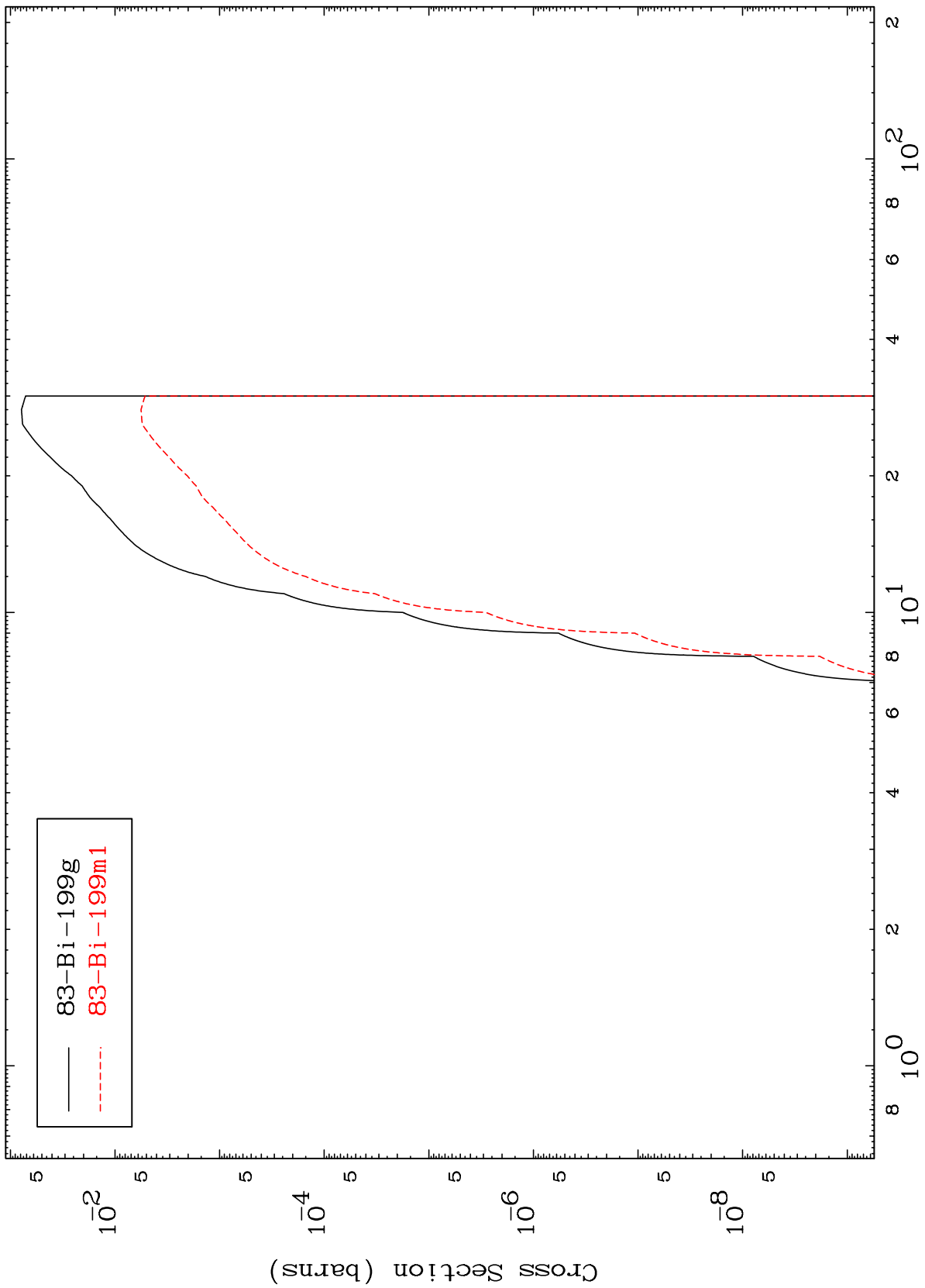
Incident Energy (MeV)

28

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83-Bi-199

(n,t)  
Radionuclide Production Cross Section



29

83-Bi-199

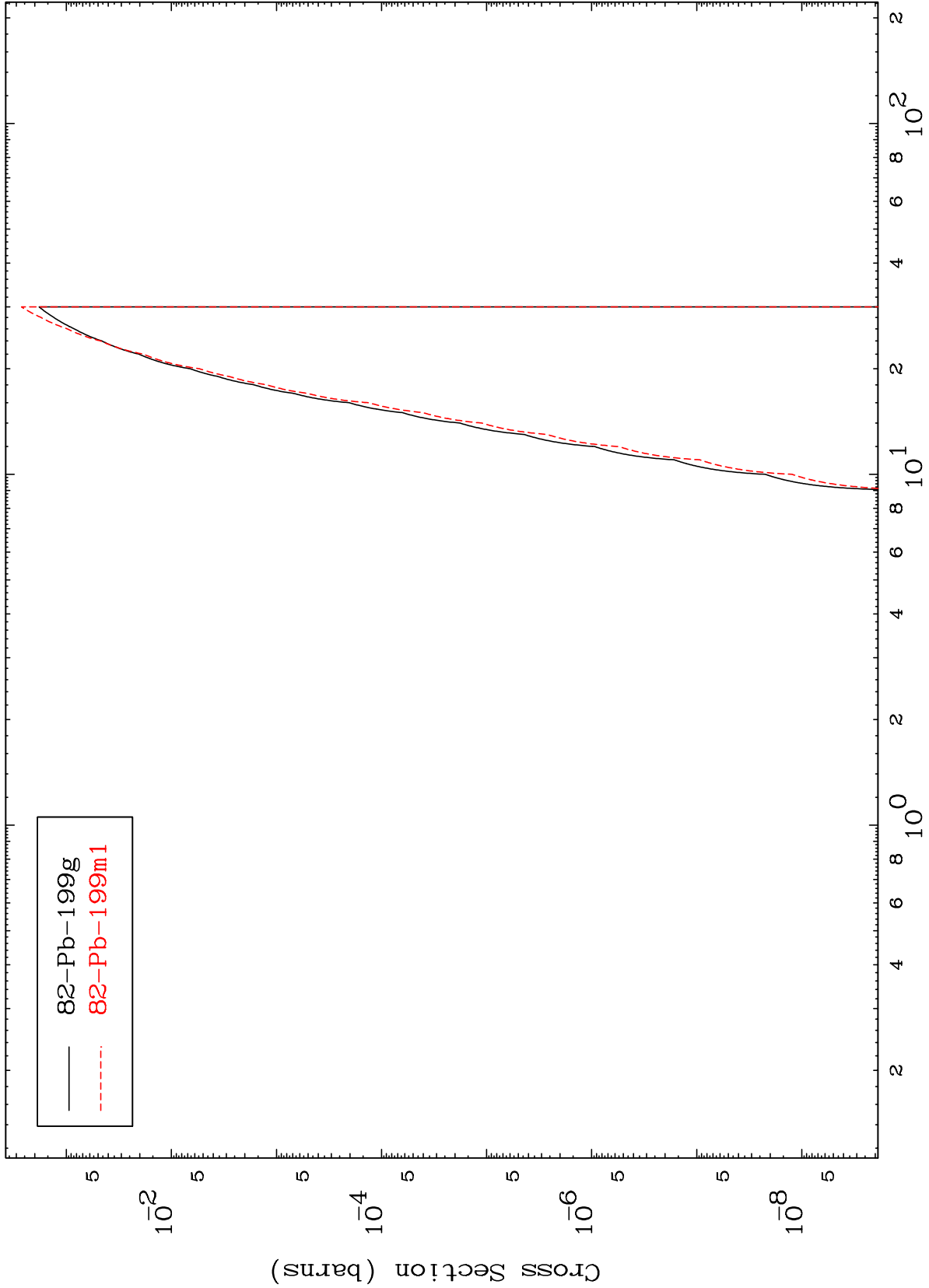
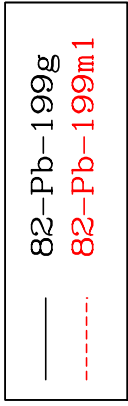
Incident Energy (MeV)

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(n,He-3)

83-Bi-199

Radionuclide Production Cross Section



30

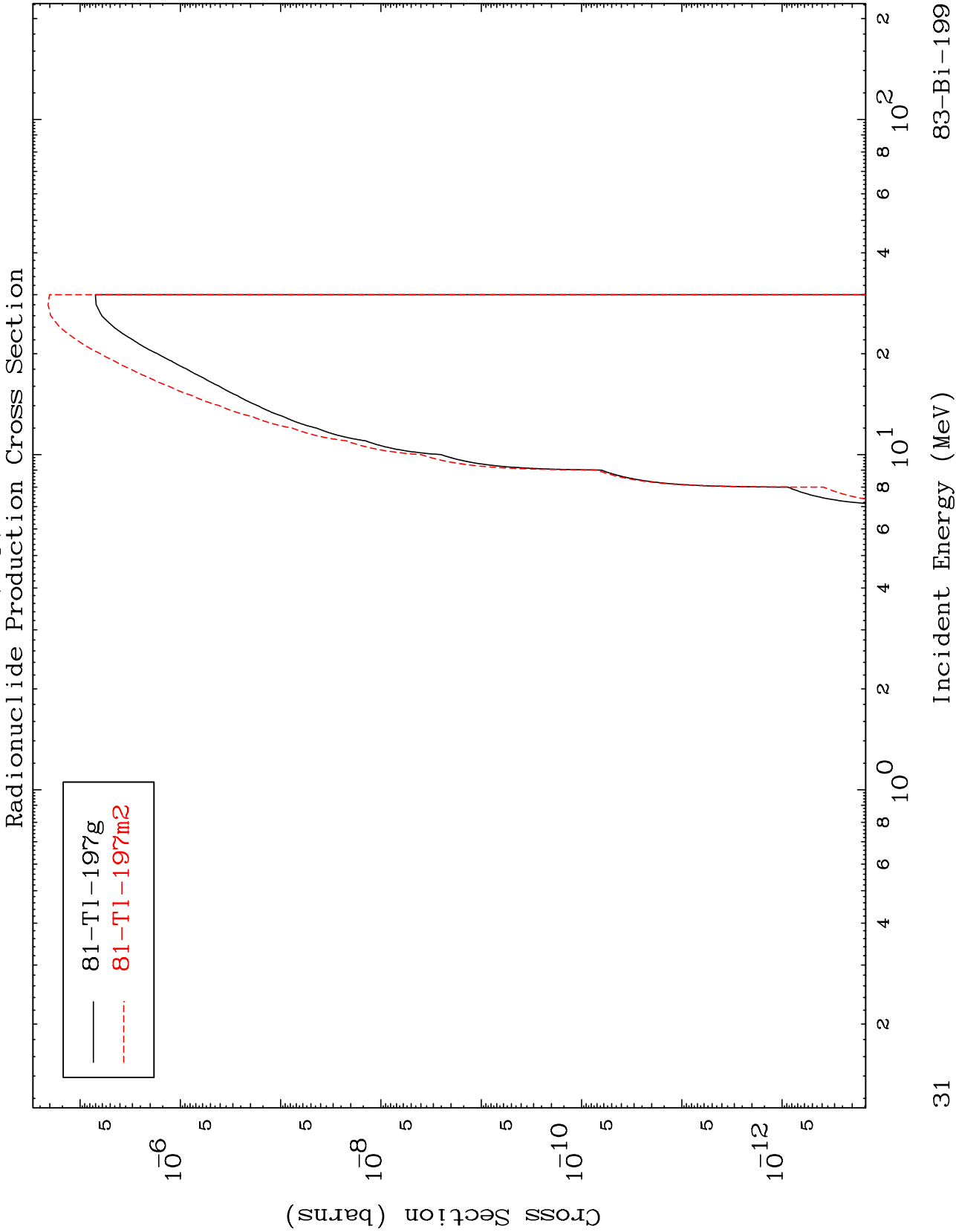
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n,p)  $\alpha$

83-Bi-199

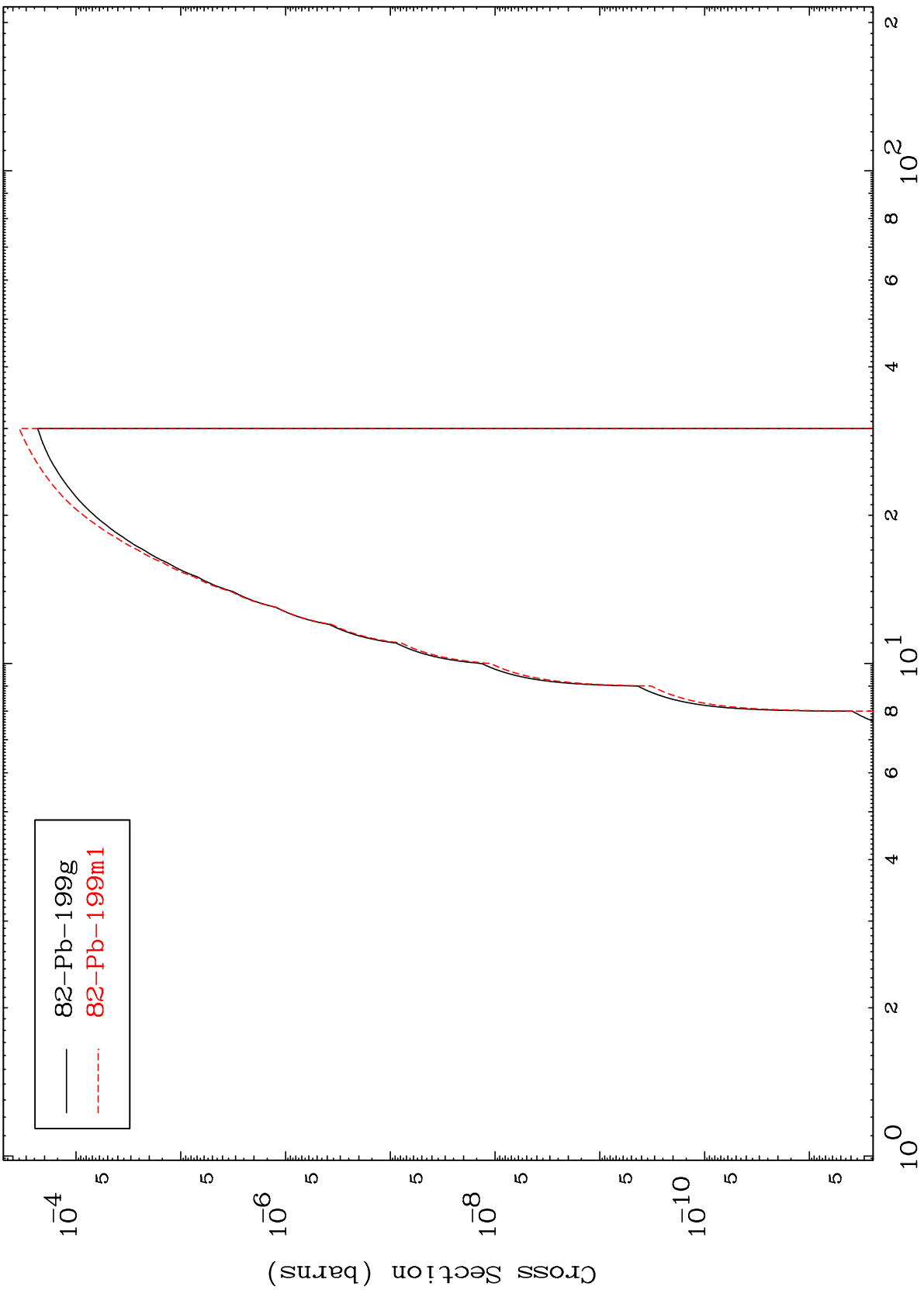
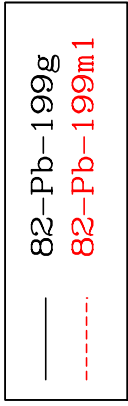


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(n,p) d

83-Bi-199

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-199

32

MAT 8295

(n,d)  $\alpha$

83-Bi-199

