

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

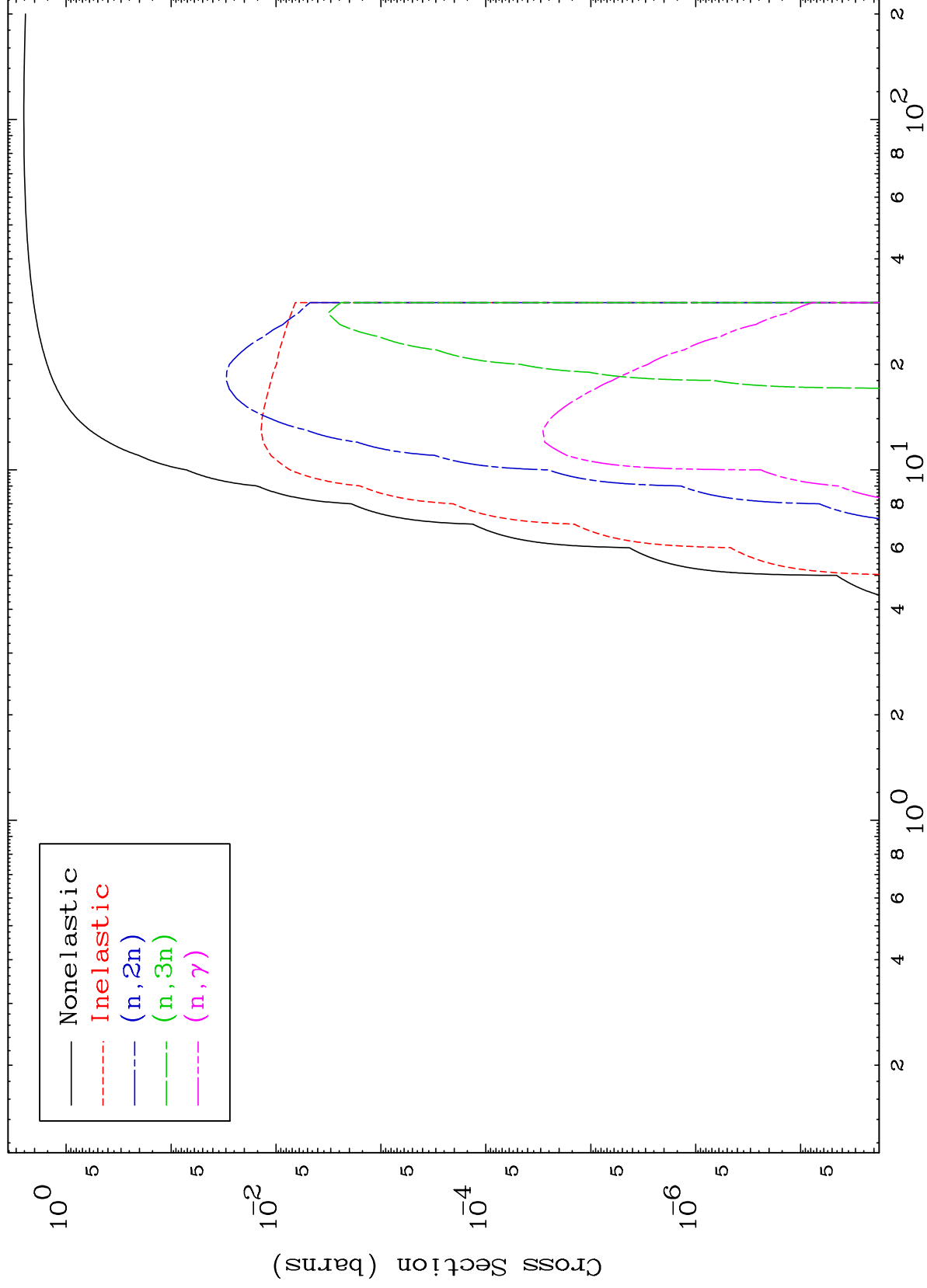
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

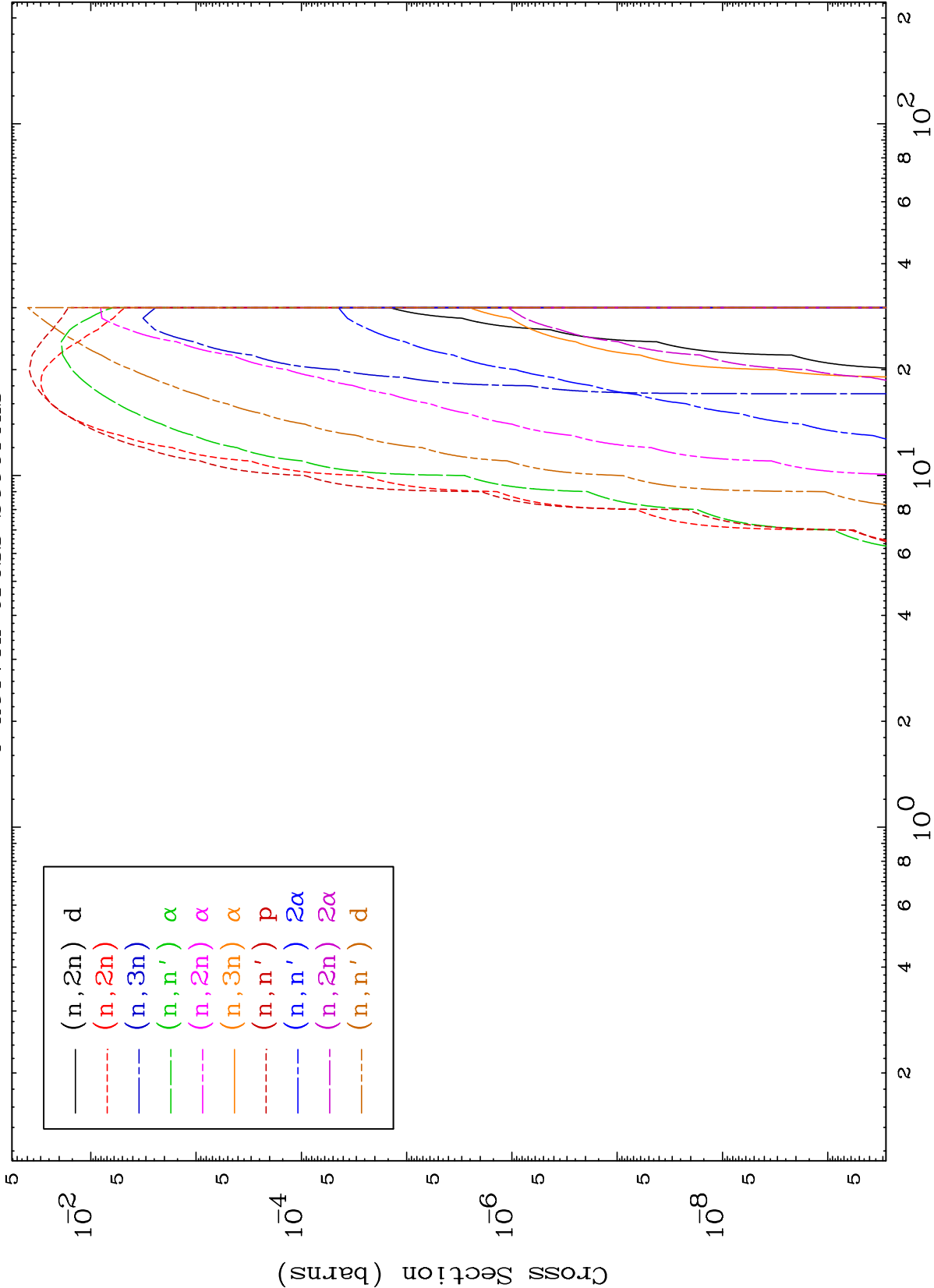
Tele: 925-443-1911

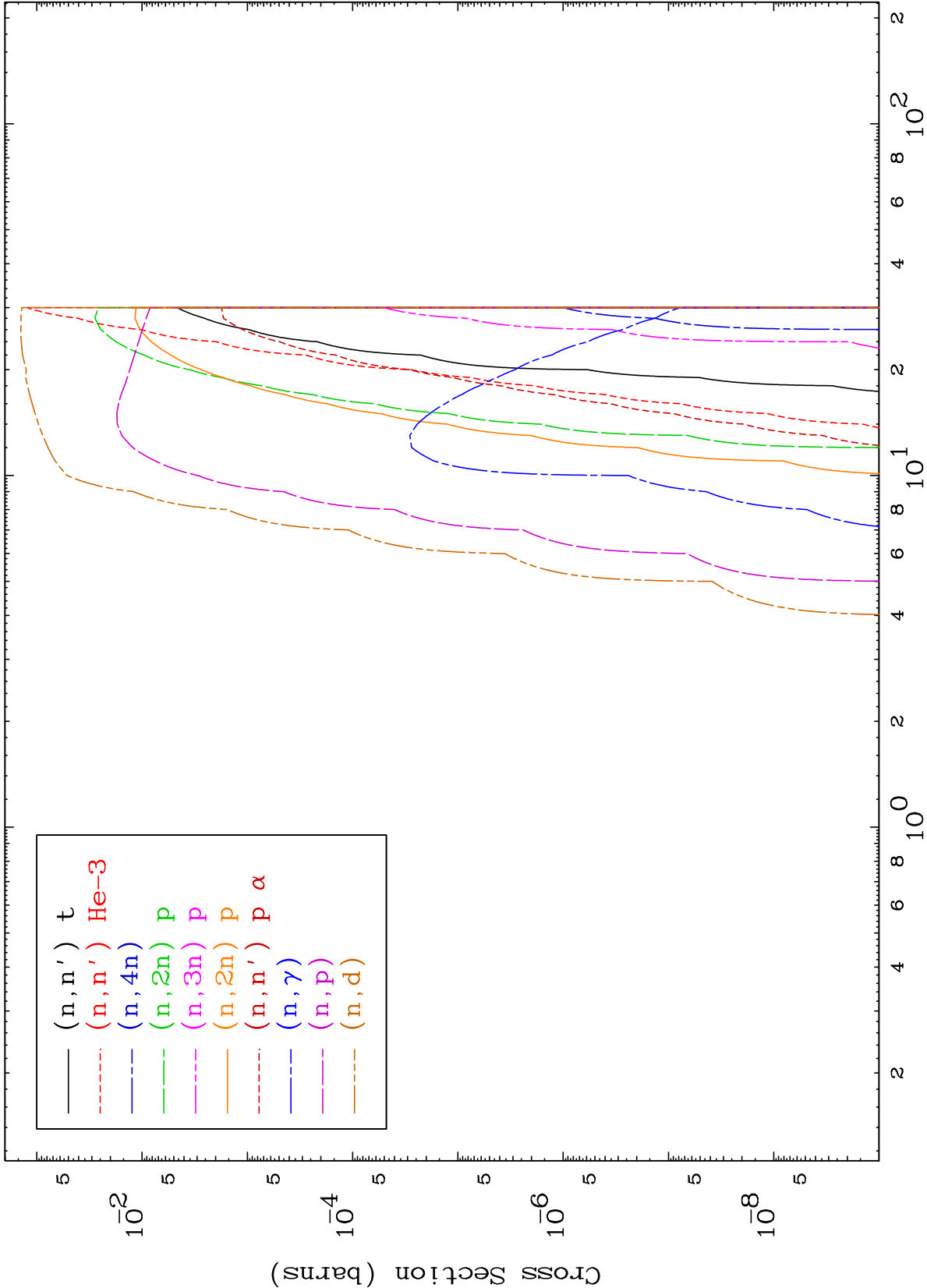
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

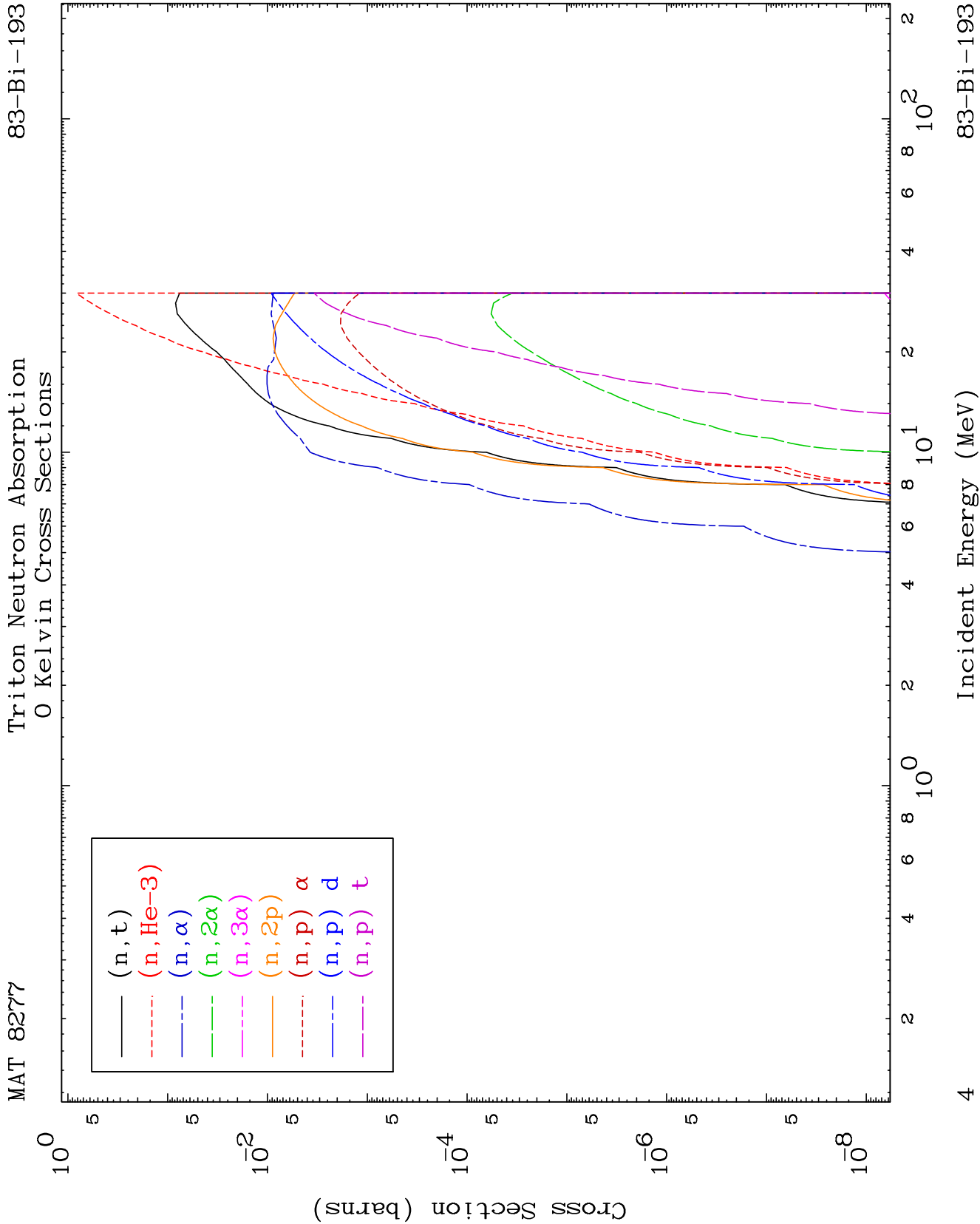
Press Mouse Button to Start

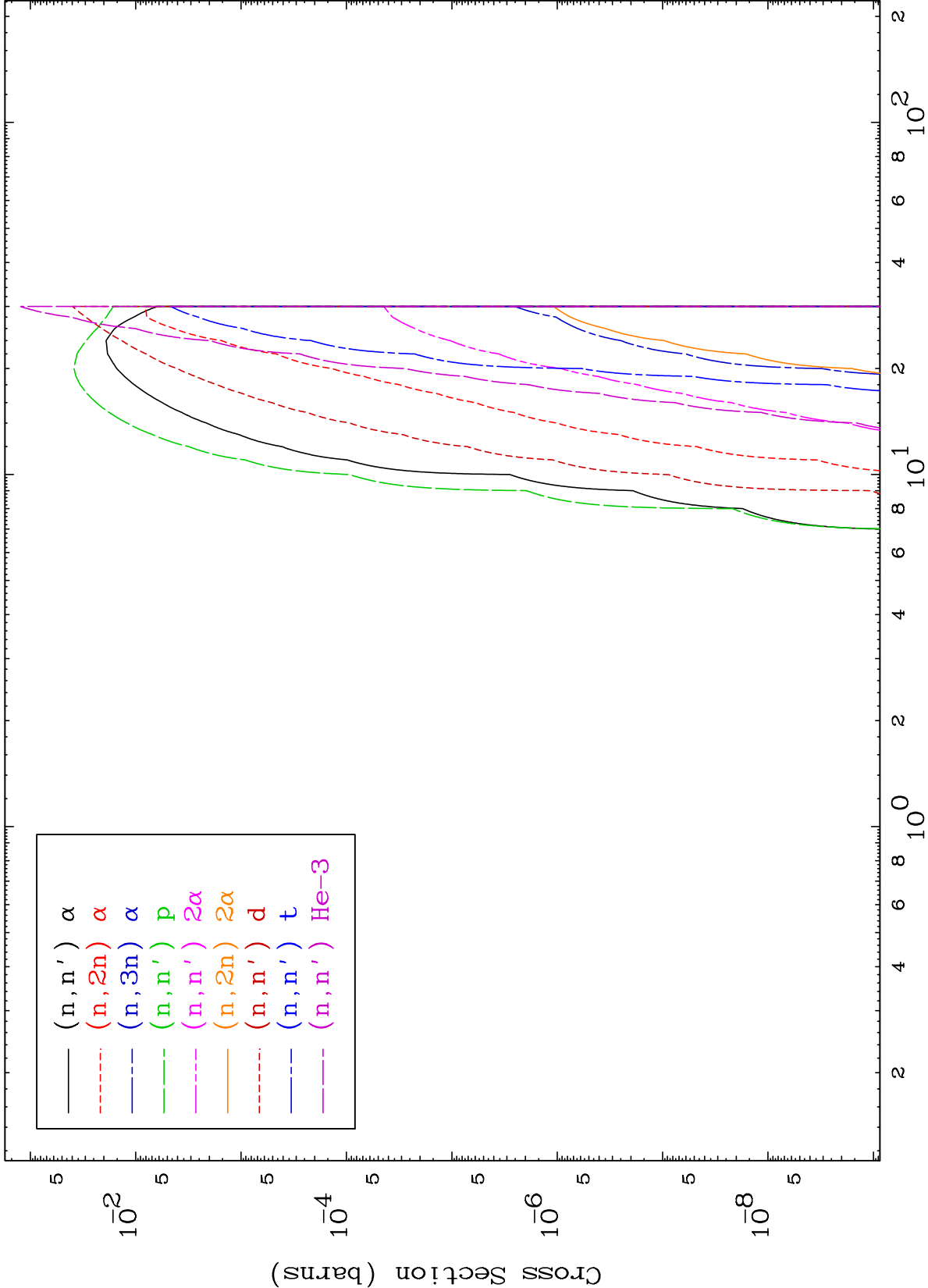
0 Kelvin Cross Sections

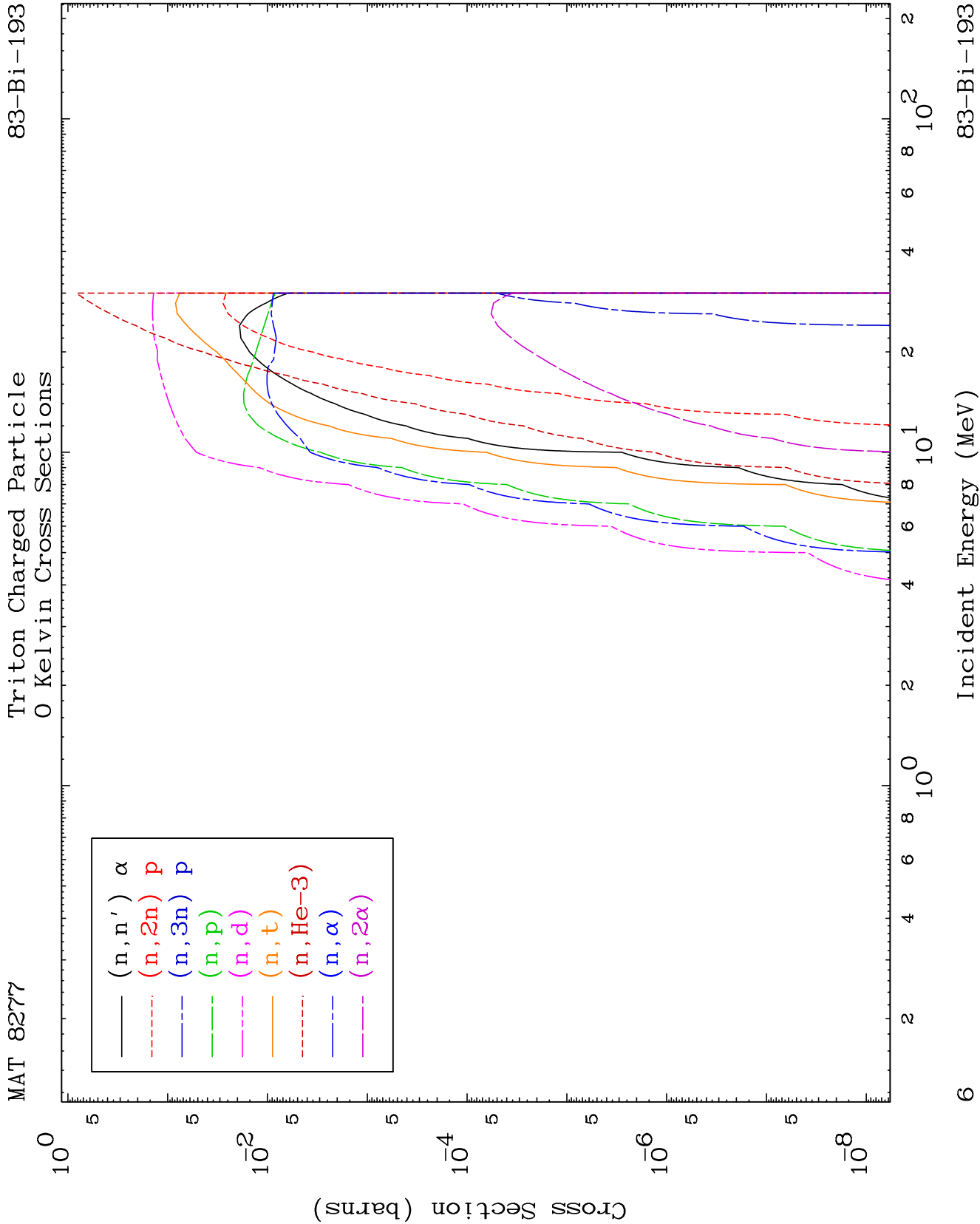


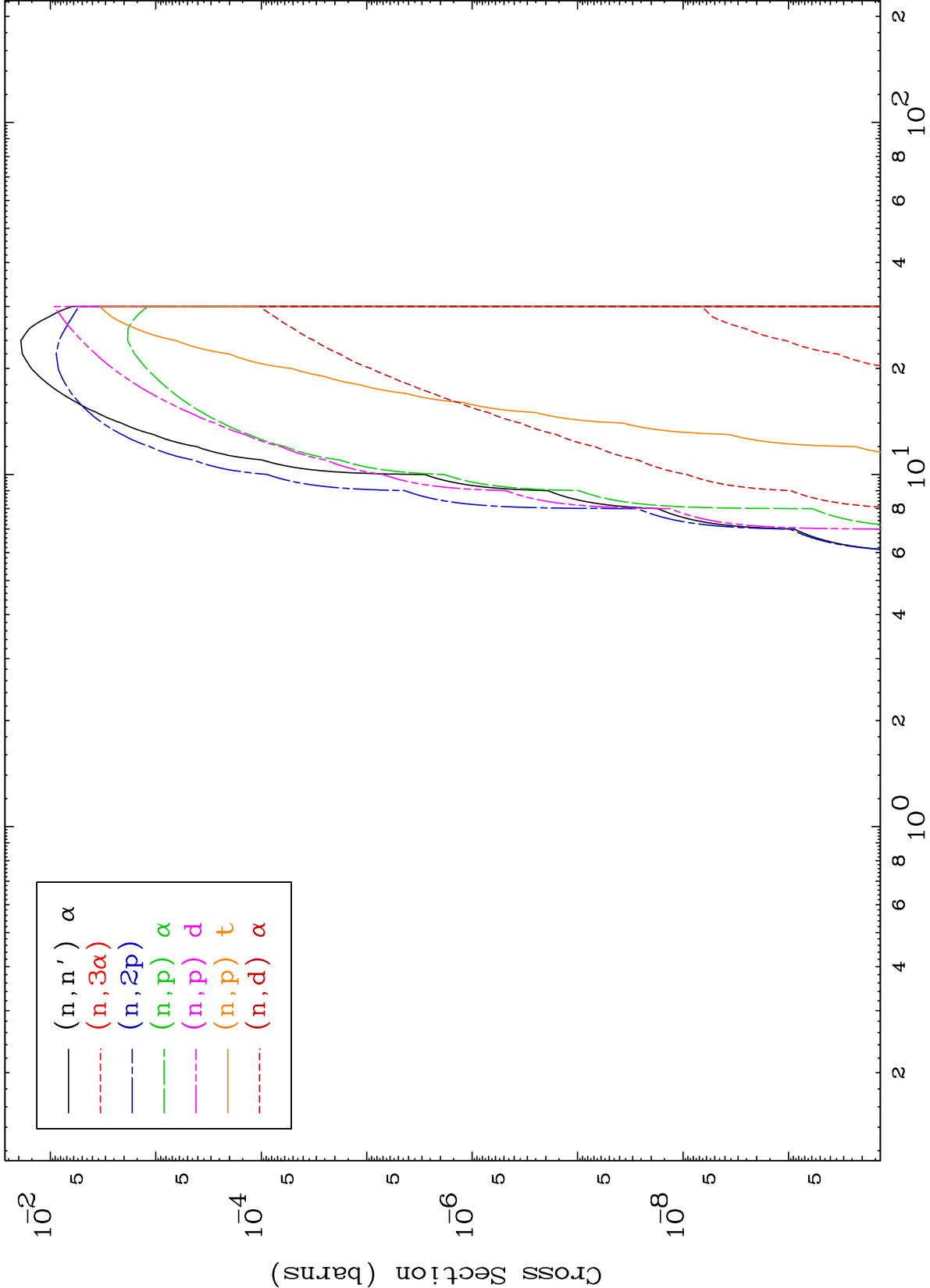








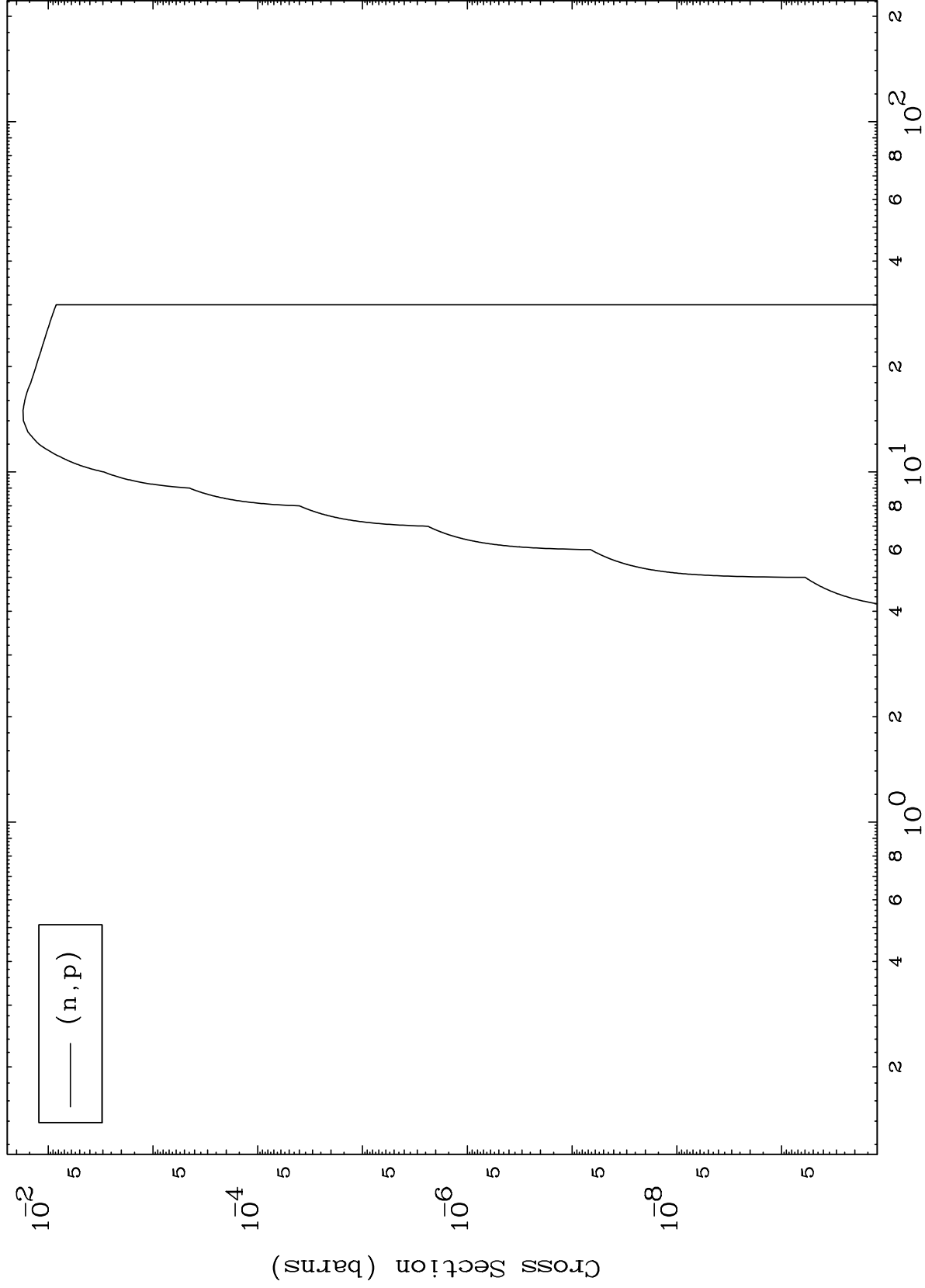




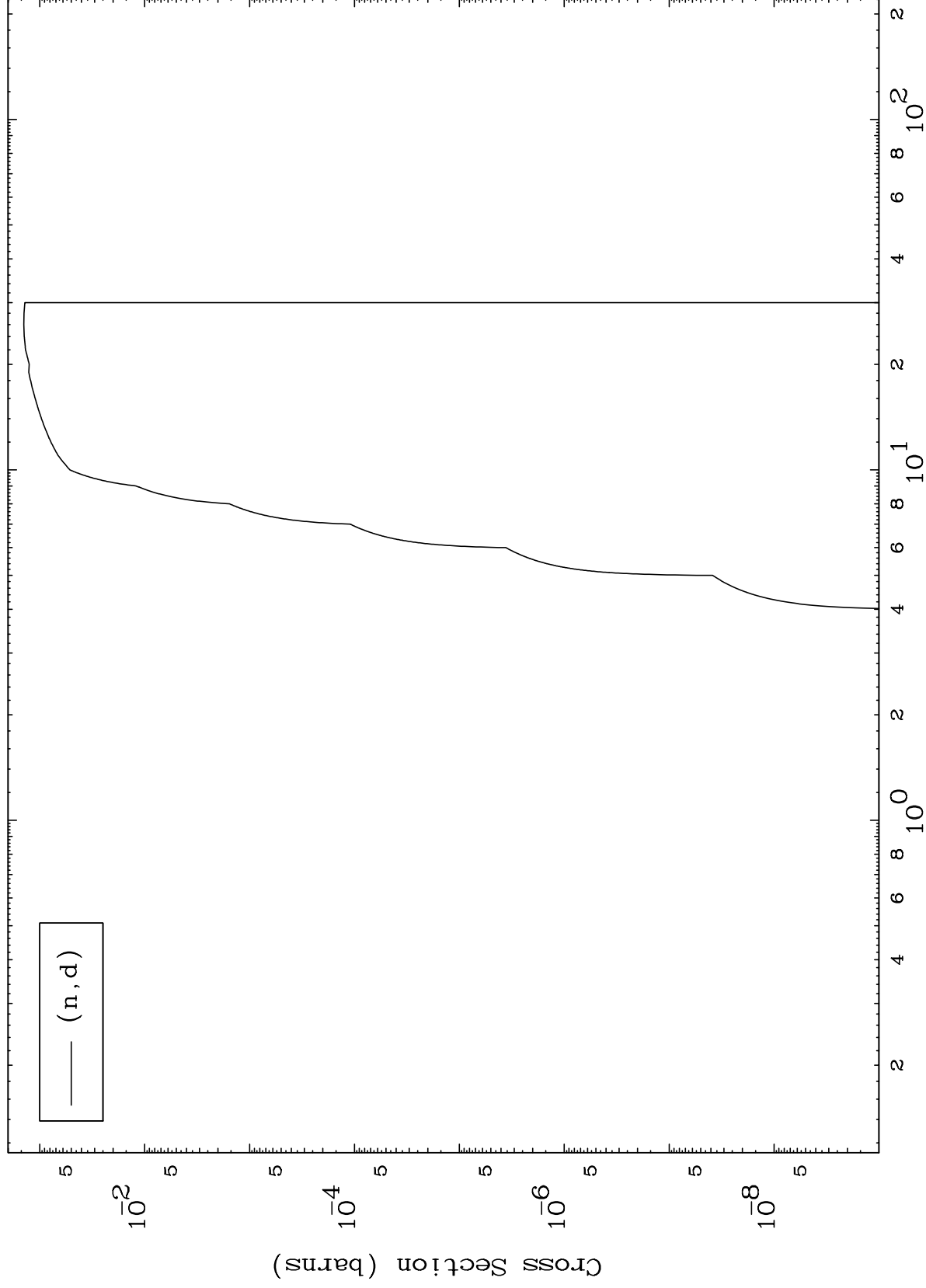
MAT 8277

83-Bi-193

(t,p) Levels
0 Kelvin Cross Sections



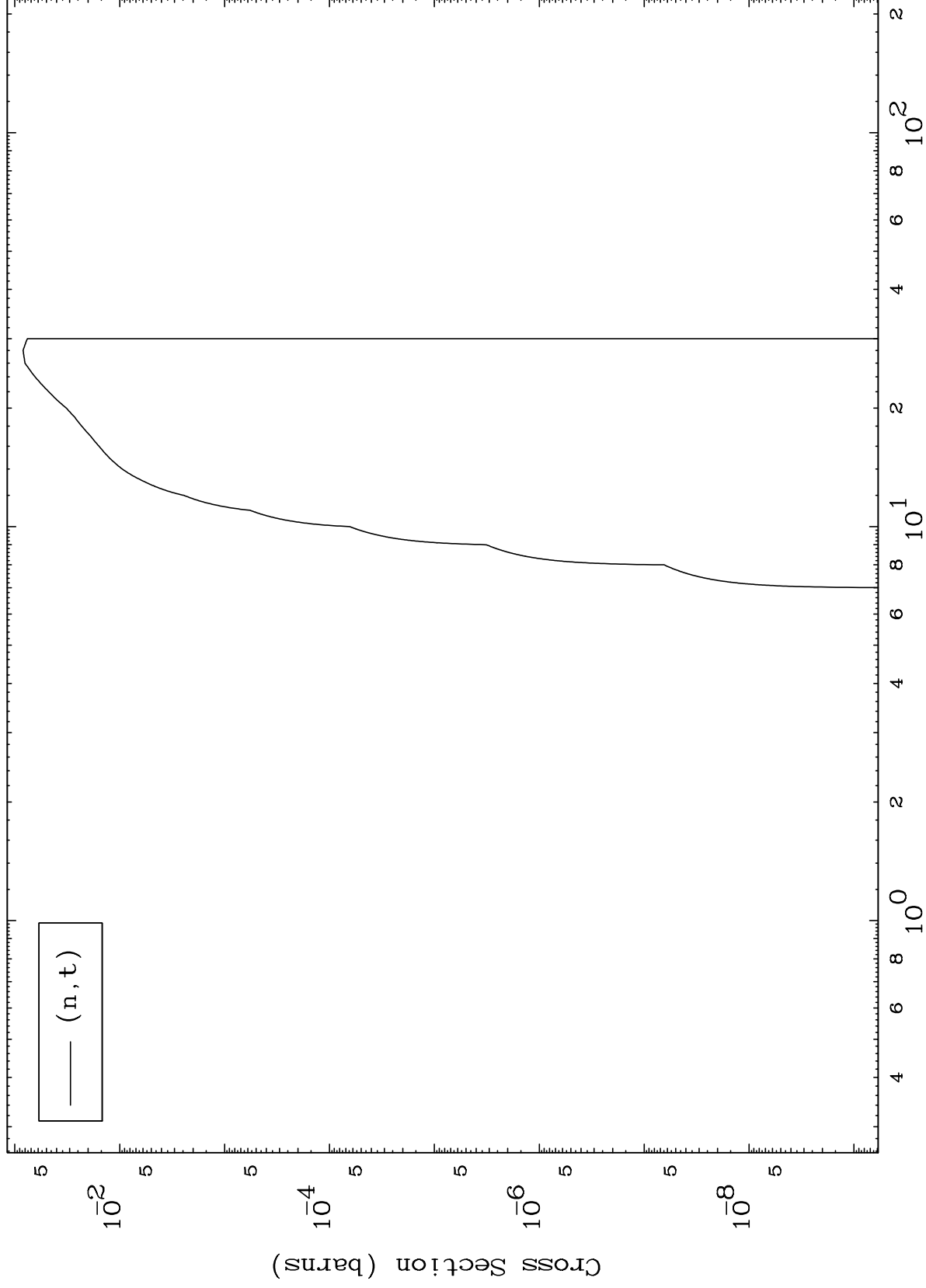
(t,d) Levels
0 Kelvin Cross Sections



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(t,t) Levels
0 Kelvin Cross Sections



83-Bi-193

Incident Energy (MeV)

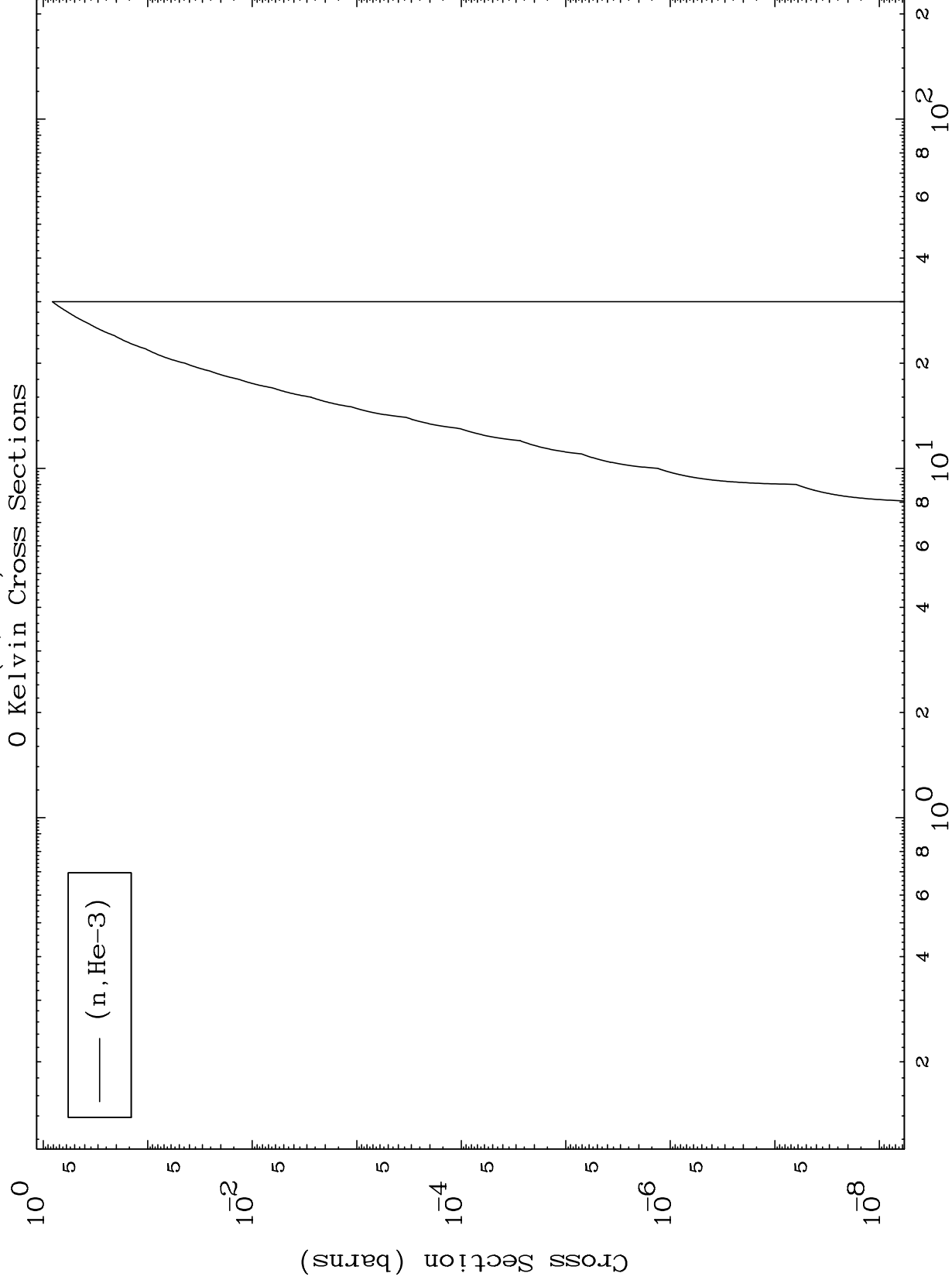
10

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(t, He3) Levels

83-Bi-193

0 Kelvin Cross Sections



11

Incident Energy (MeV)

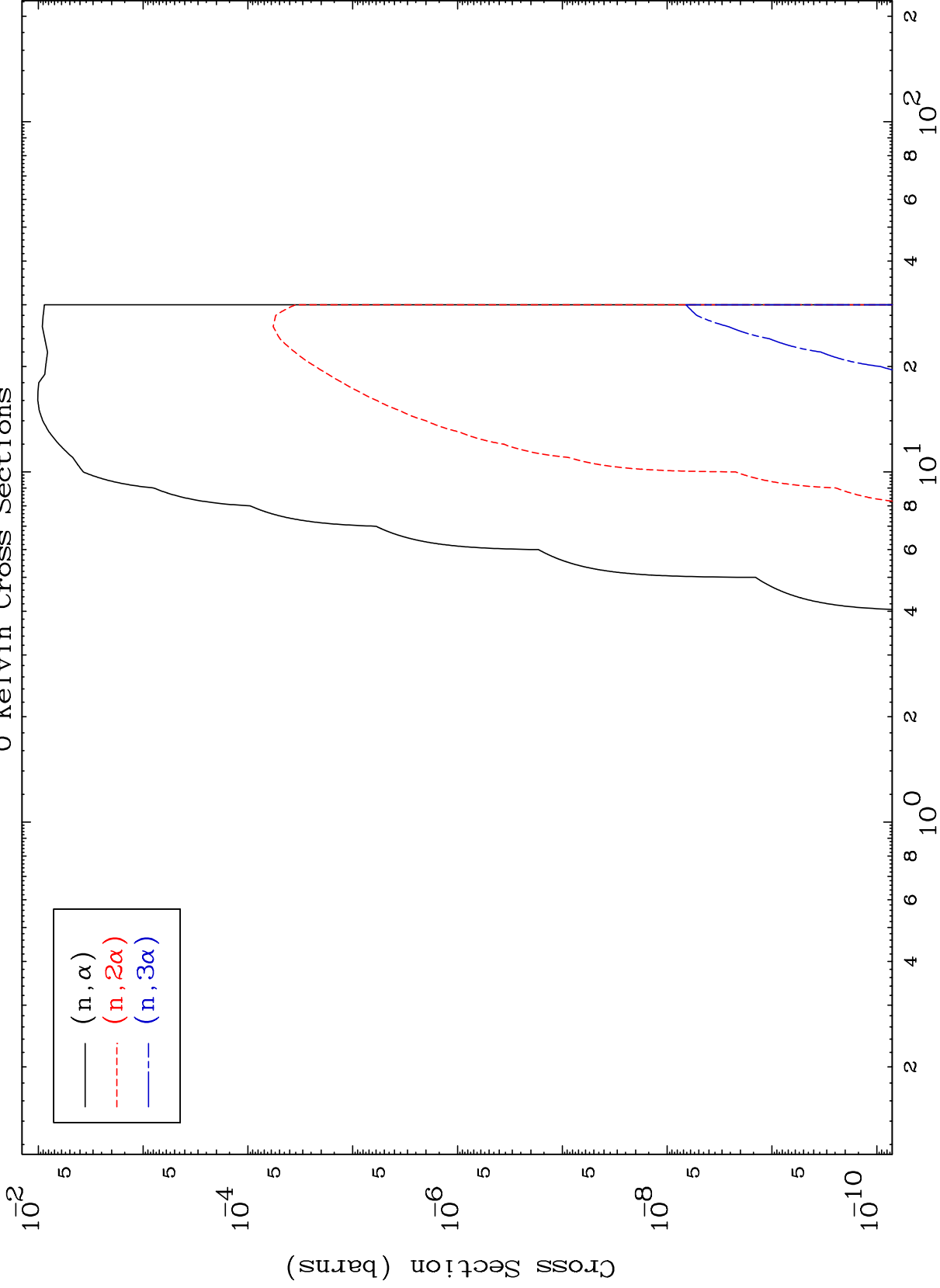
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(t, α) Levels

83-Bi-193

0 Kelvin Cross Sections

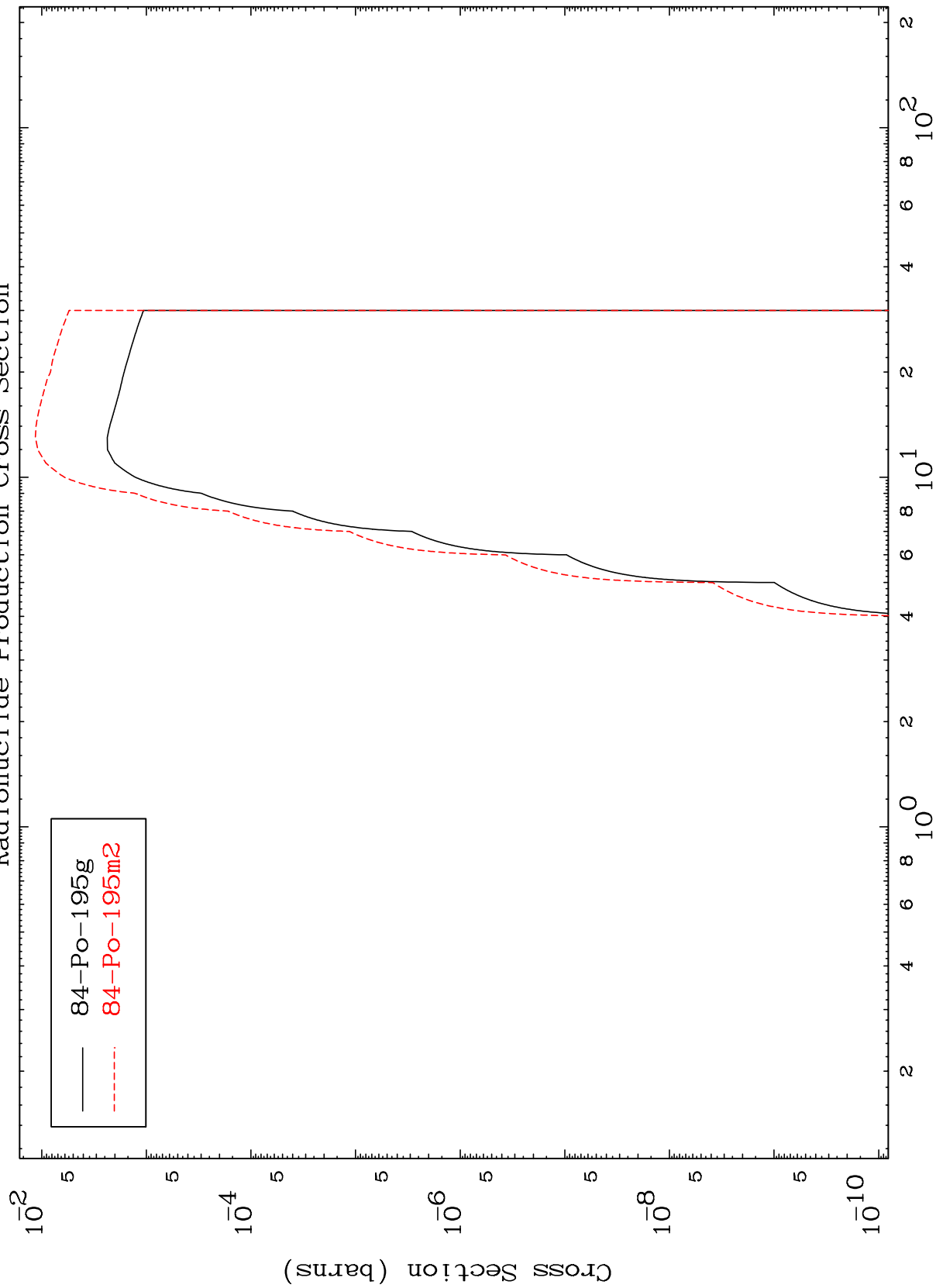


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Incident Energy (MeV)

83-Bi-193

Inelastic Radionuclide Production Cross Section

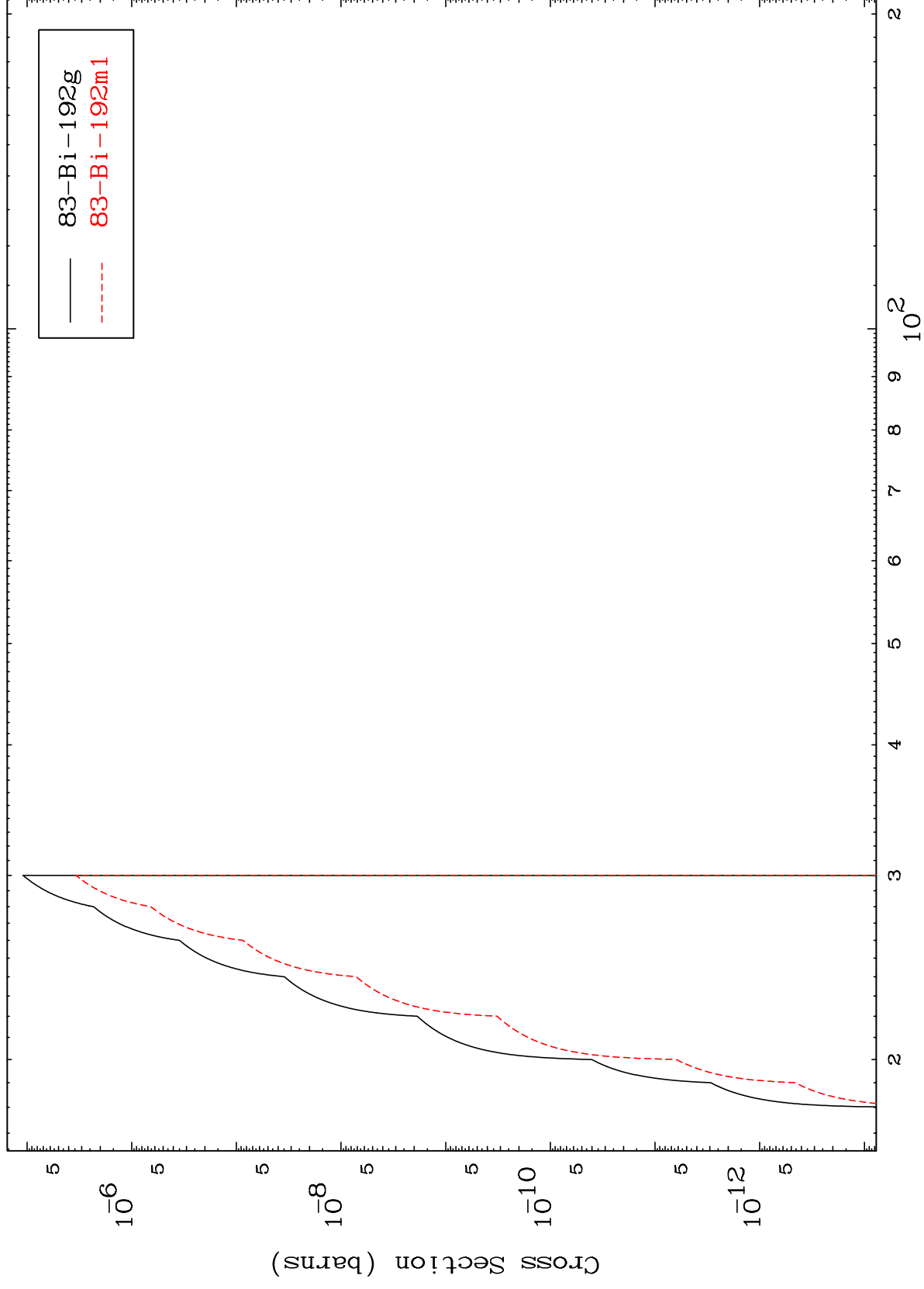


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(n,2n) d

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Radionuclide Production Cross Section



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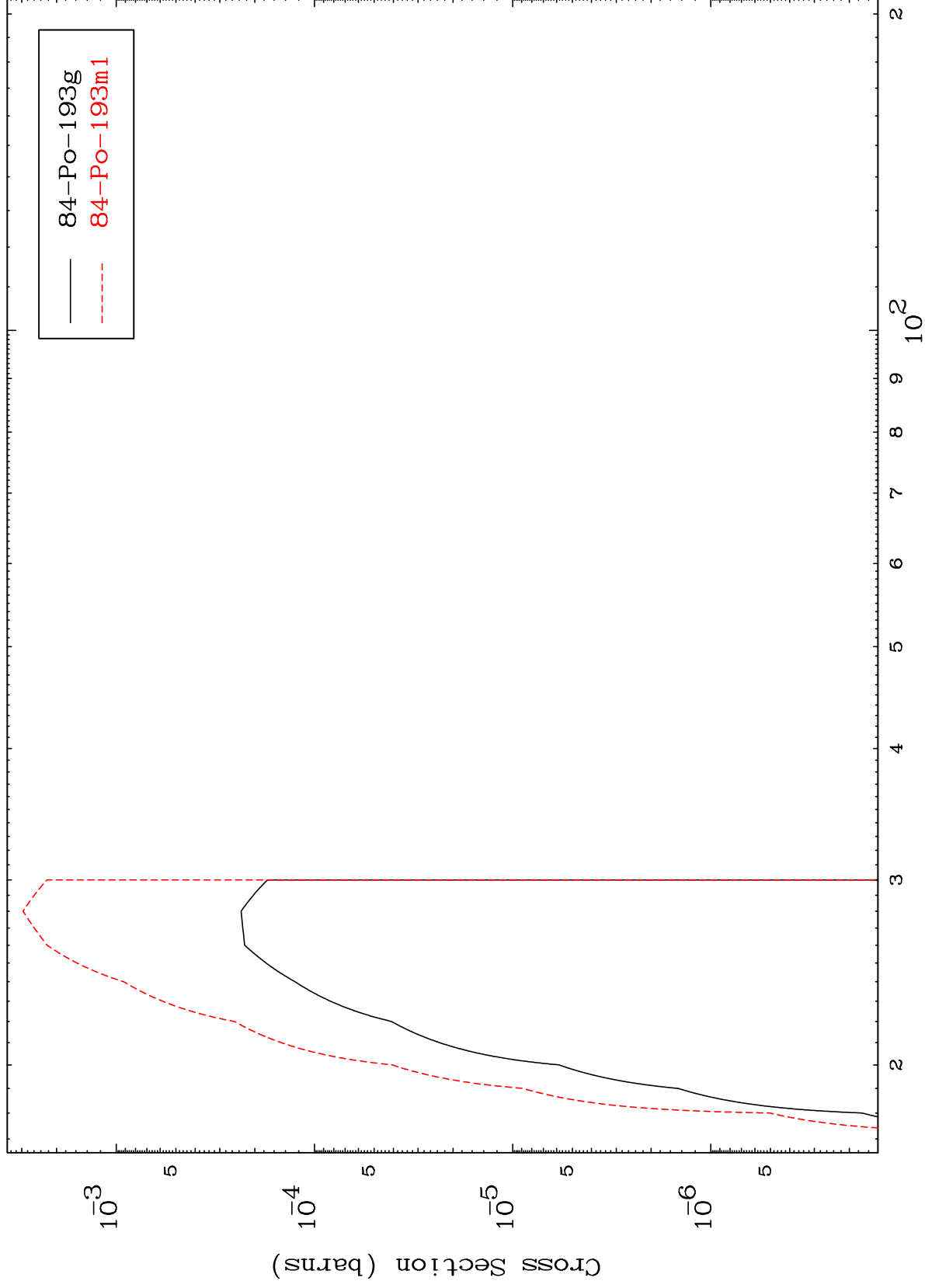
Incident Energy (MeV)

83-Bi-193

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83-Bi-193

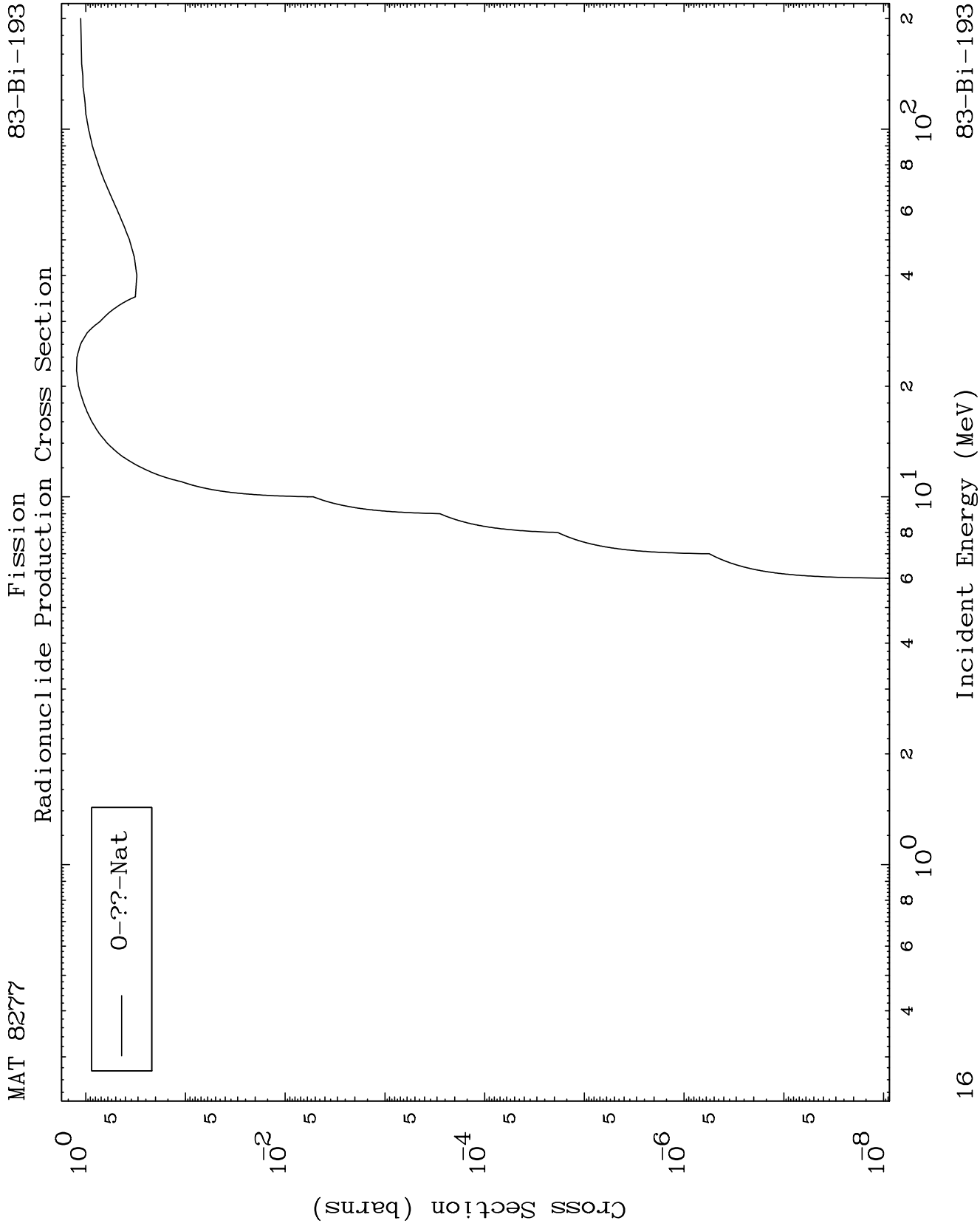
(n,3n)
Radionuclide Production Cross Section

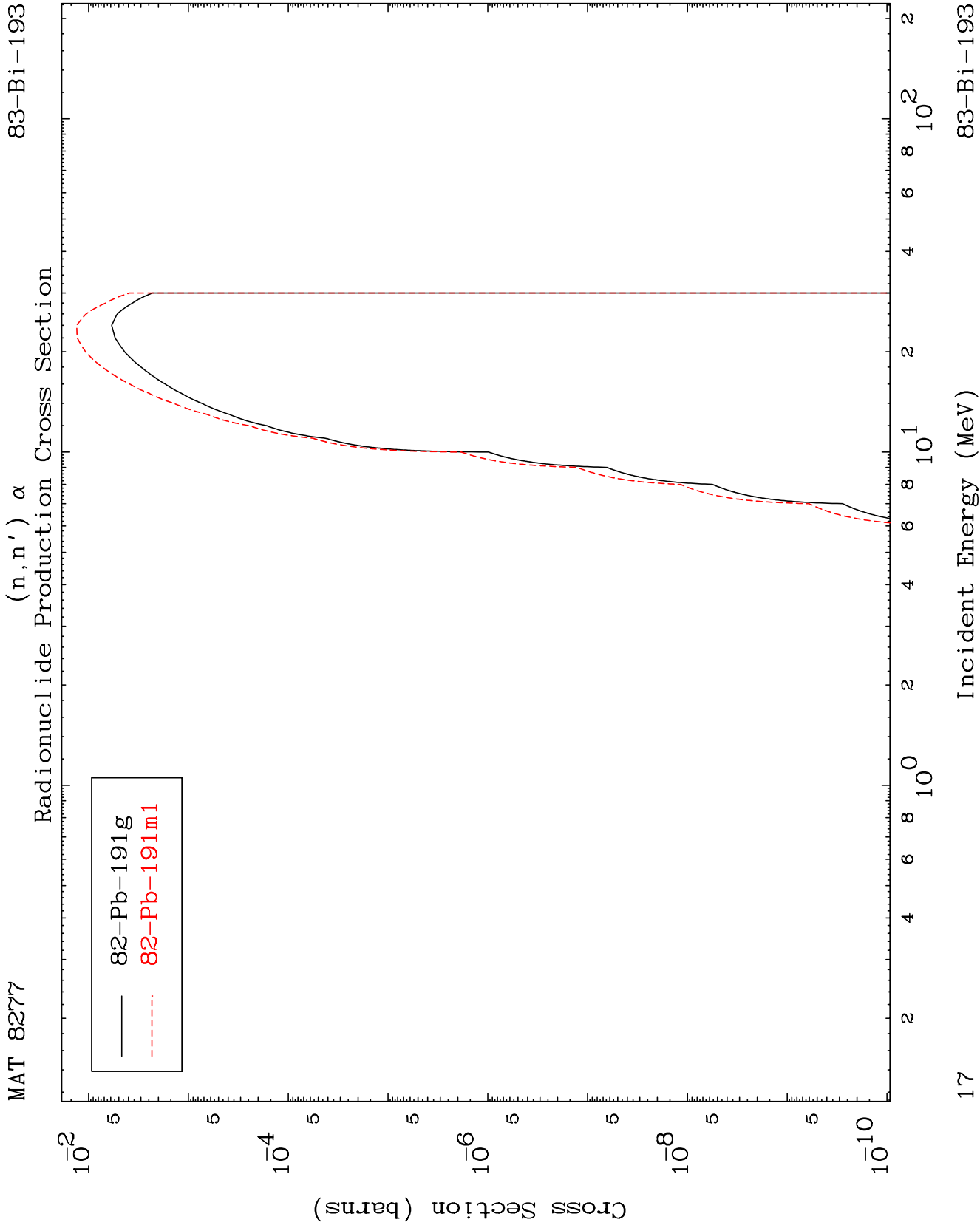


83-Bi-193

Incident Energy (MeV)

15



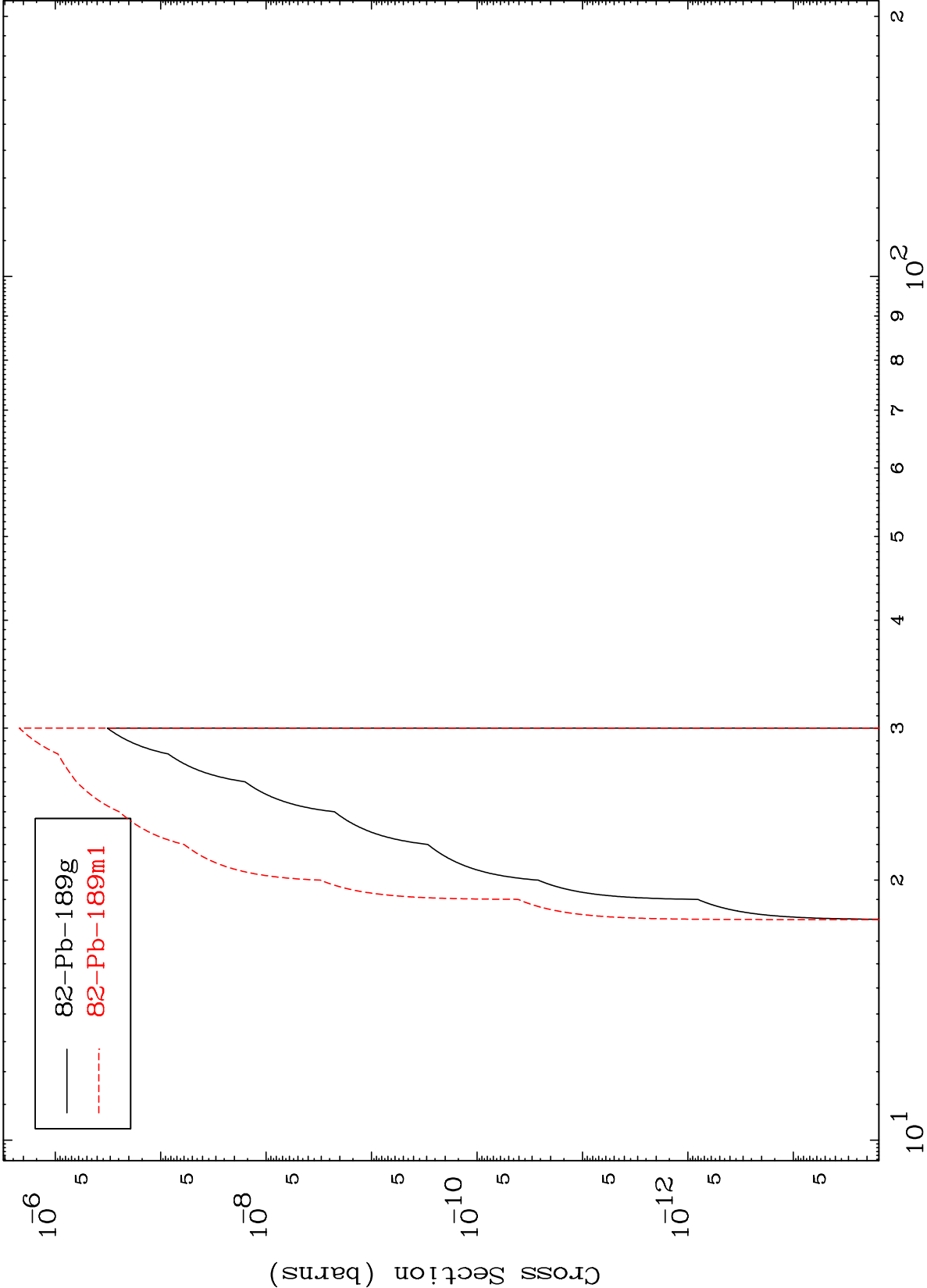


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(n,3n) α

83-Bi-193

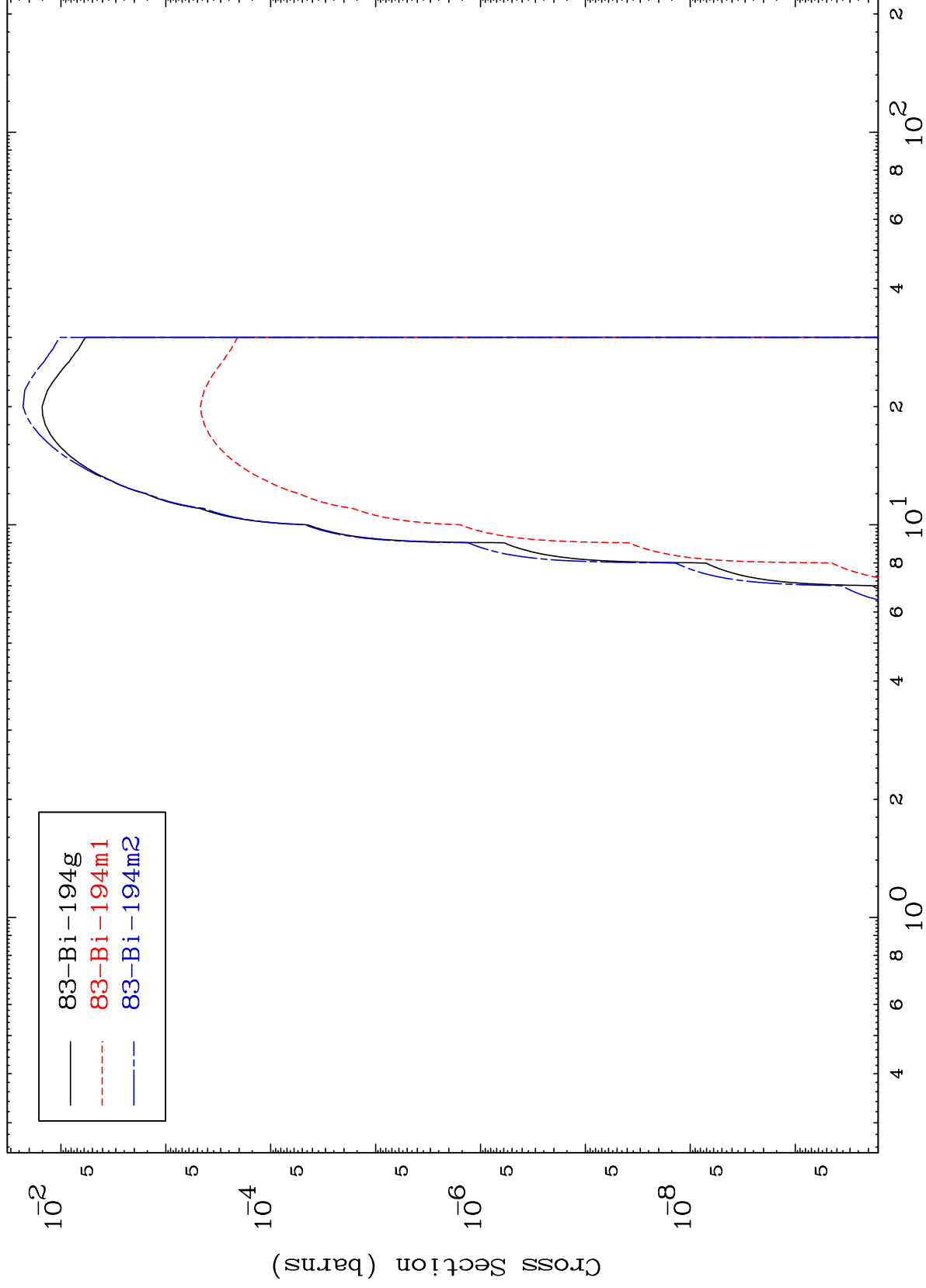
Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-193

Radionuclide Production Cross Section
(n,n') p

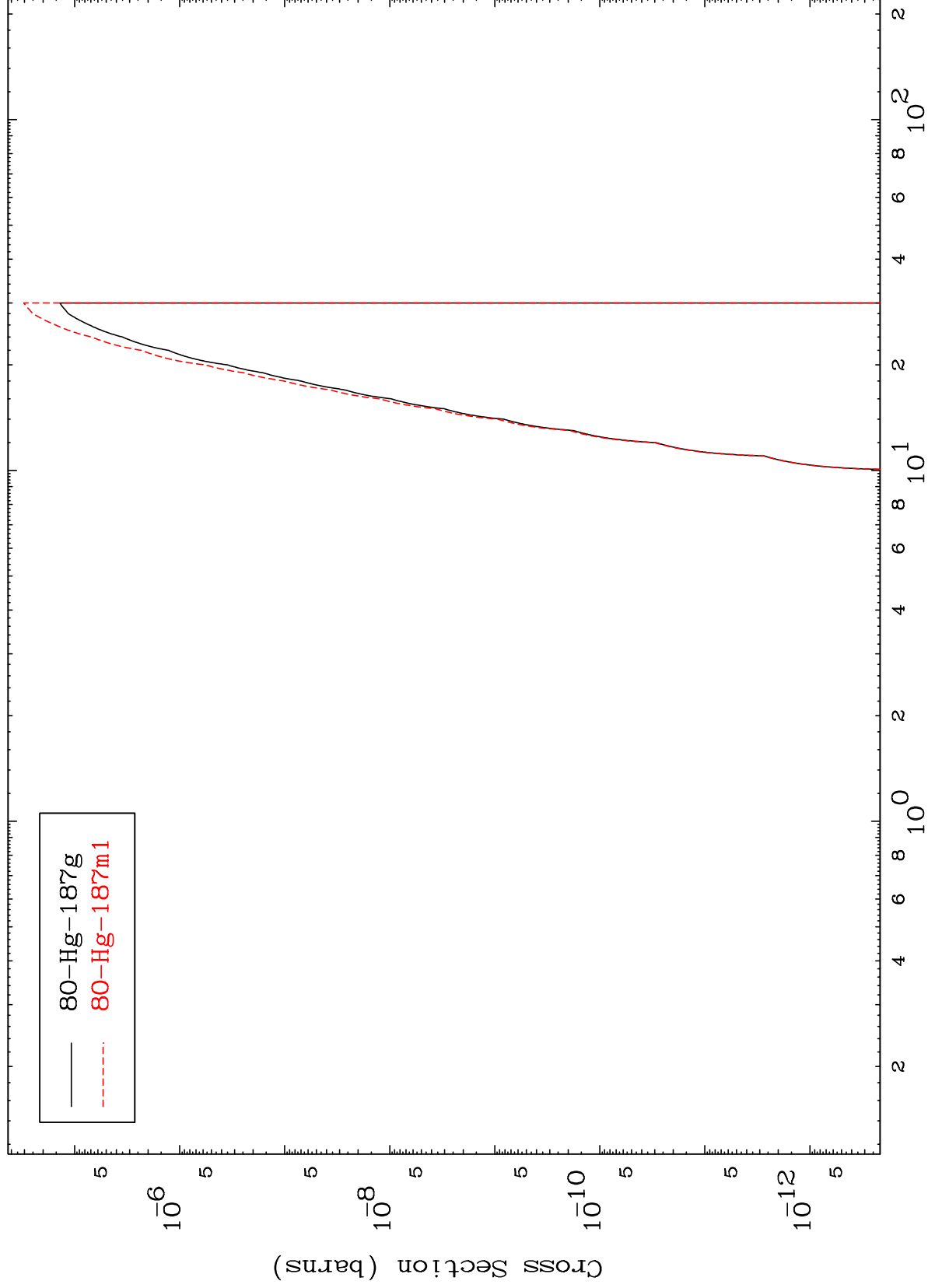


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(n,n') 2α

83-Bi-193

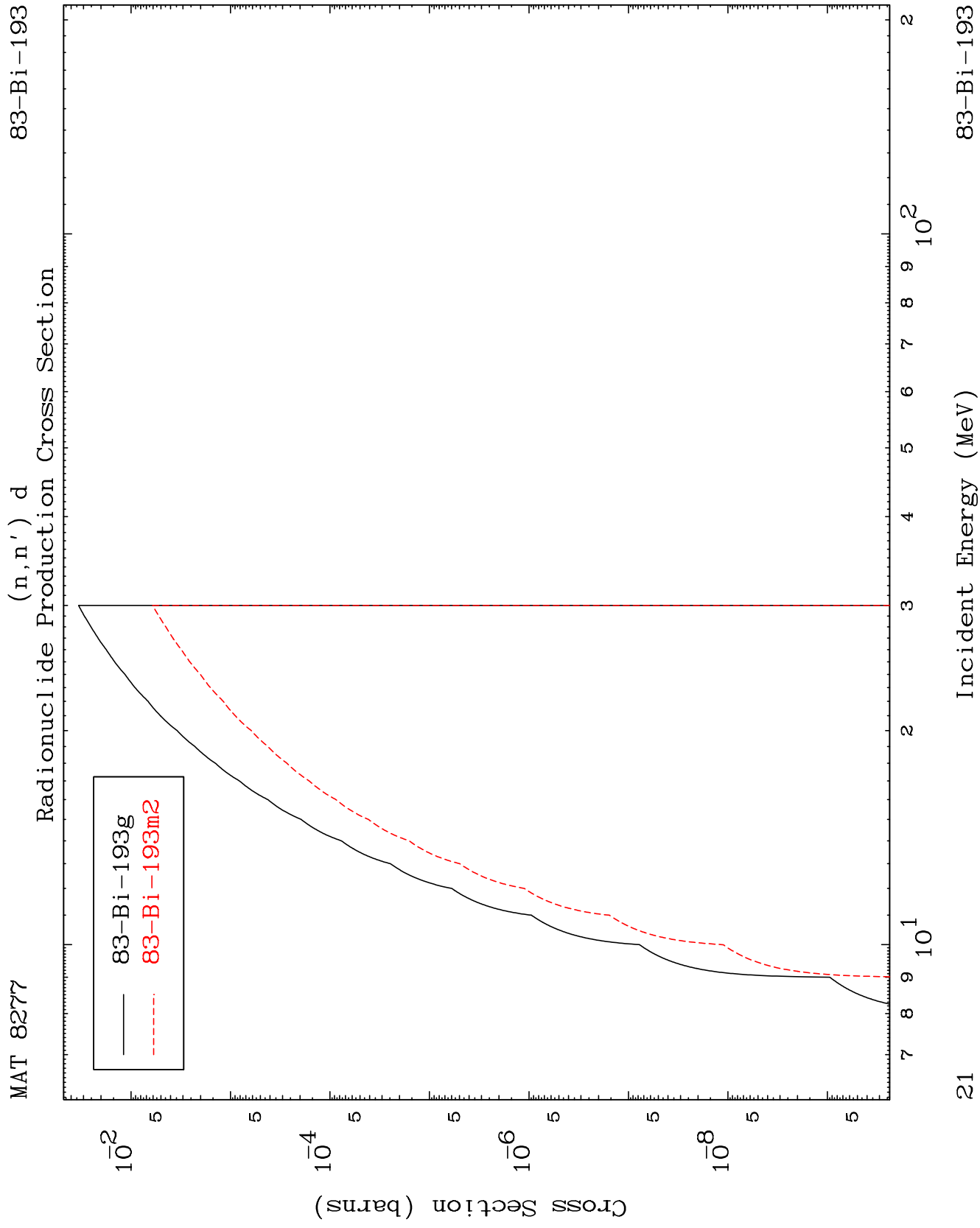
Radionuclide Production Cross Section



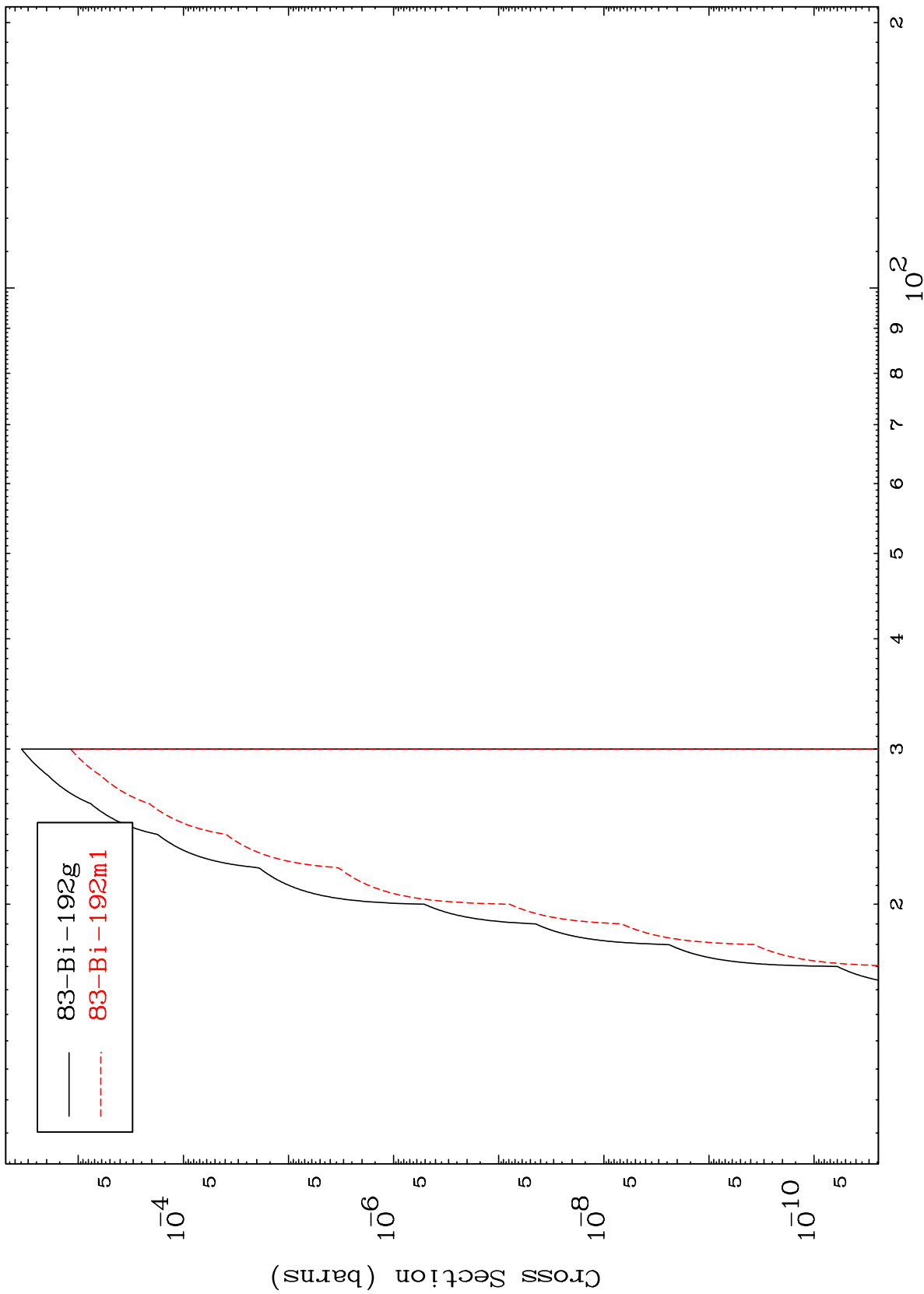
20

Incident Energy (MeV)

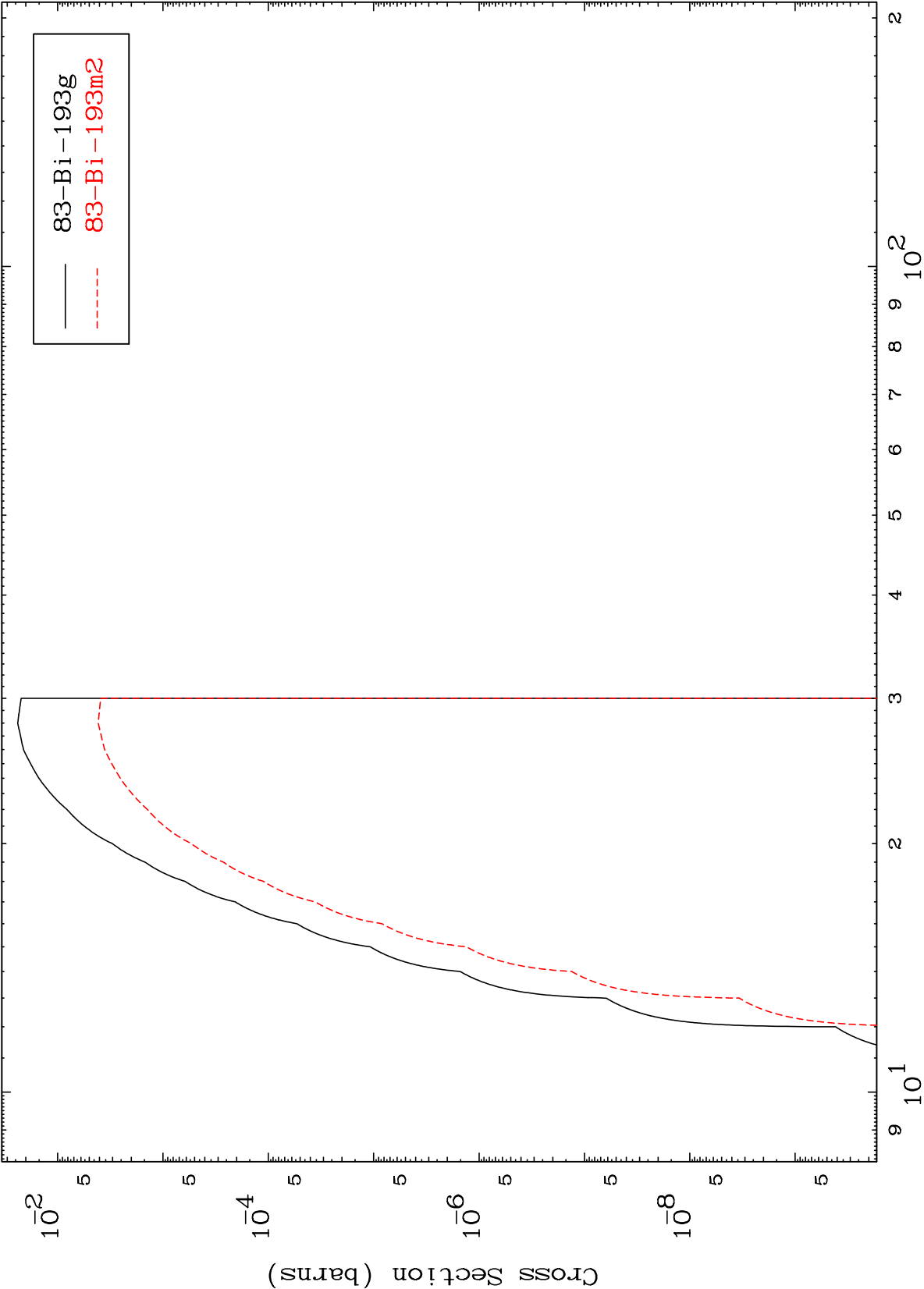
83-Bi-193



Radionuclide Production Cross Section



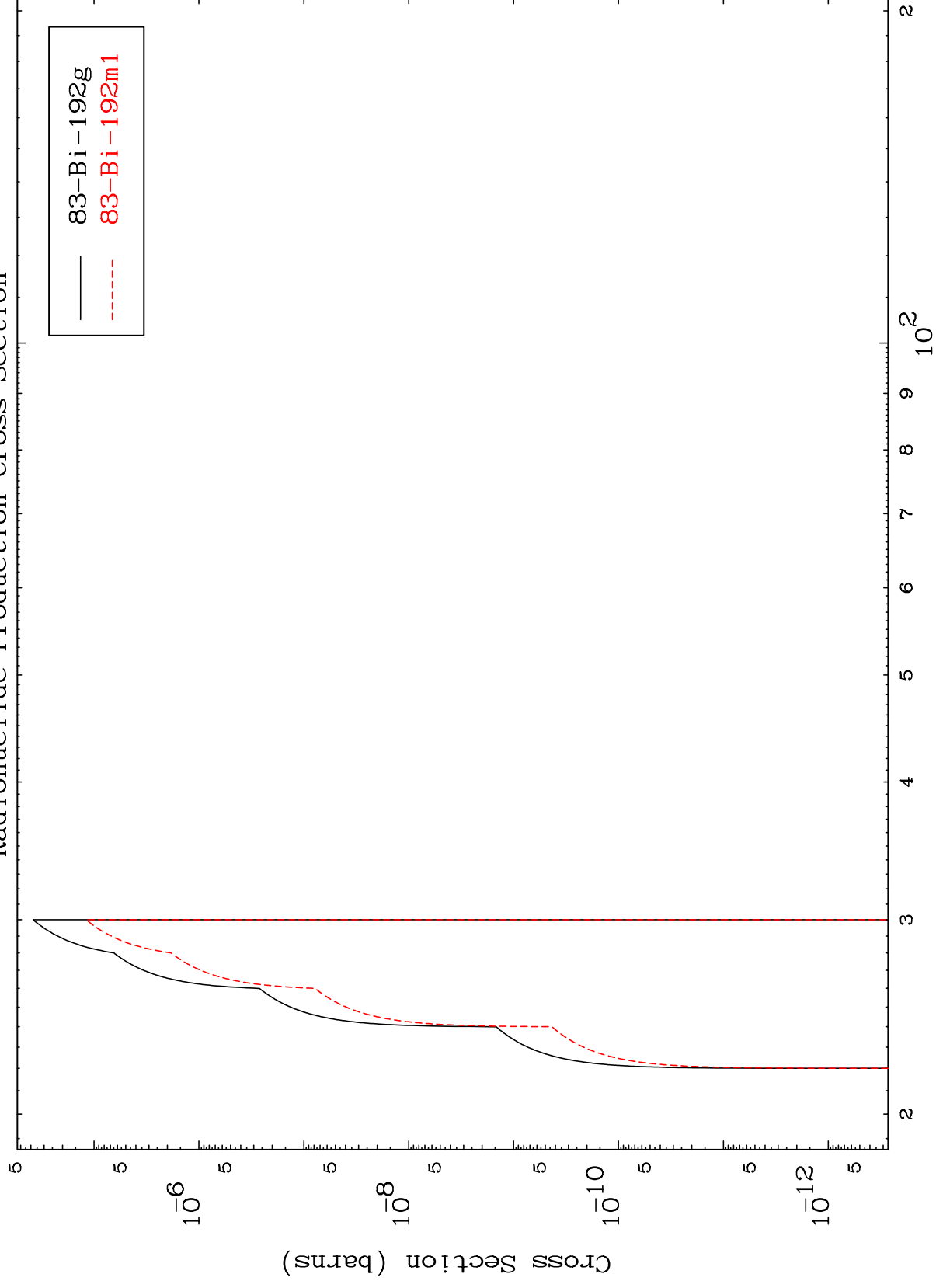
(n,2n) p
Radionuclide Production Cross Section



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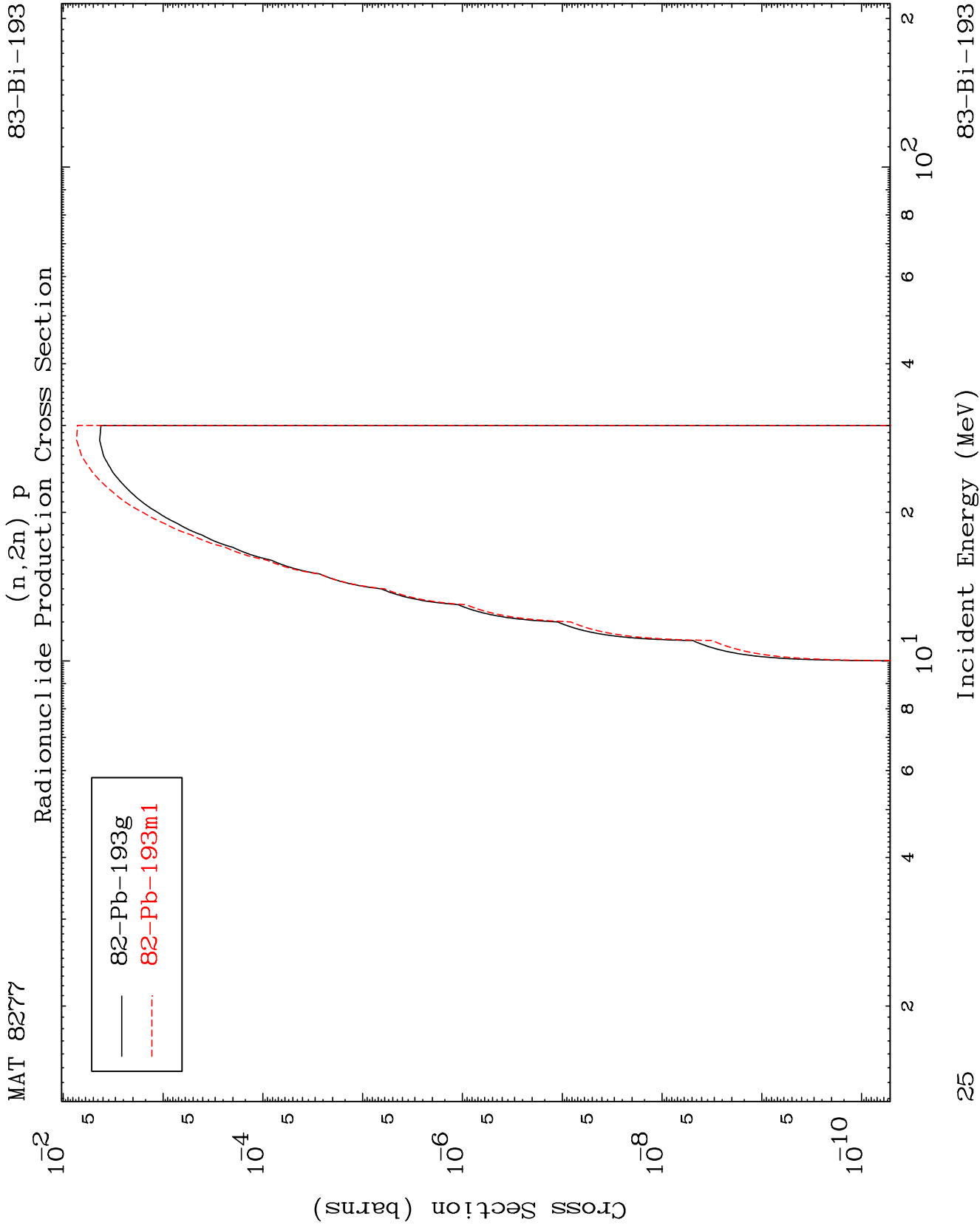
$(n,3n)$ p 83-Bi-193

Radionuclide Production Cross Section

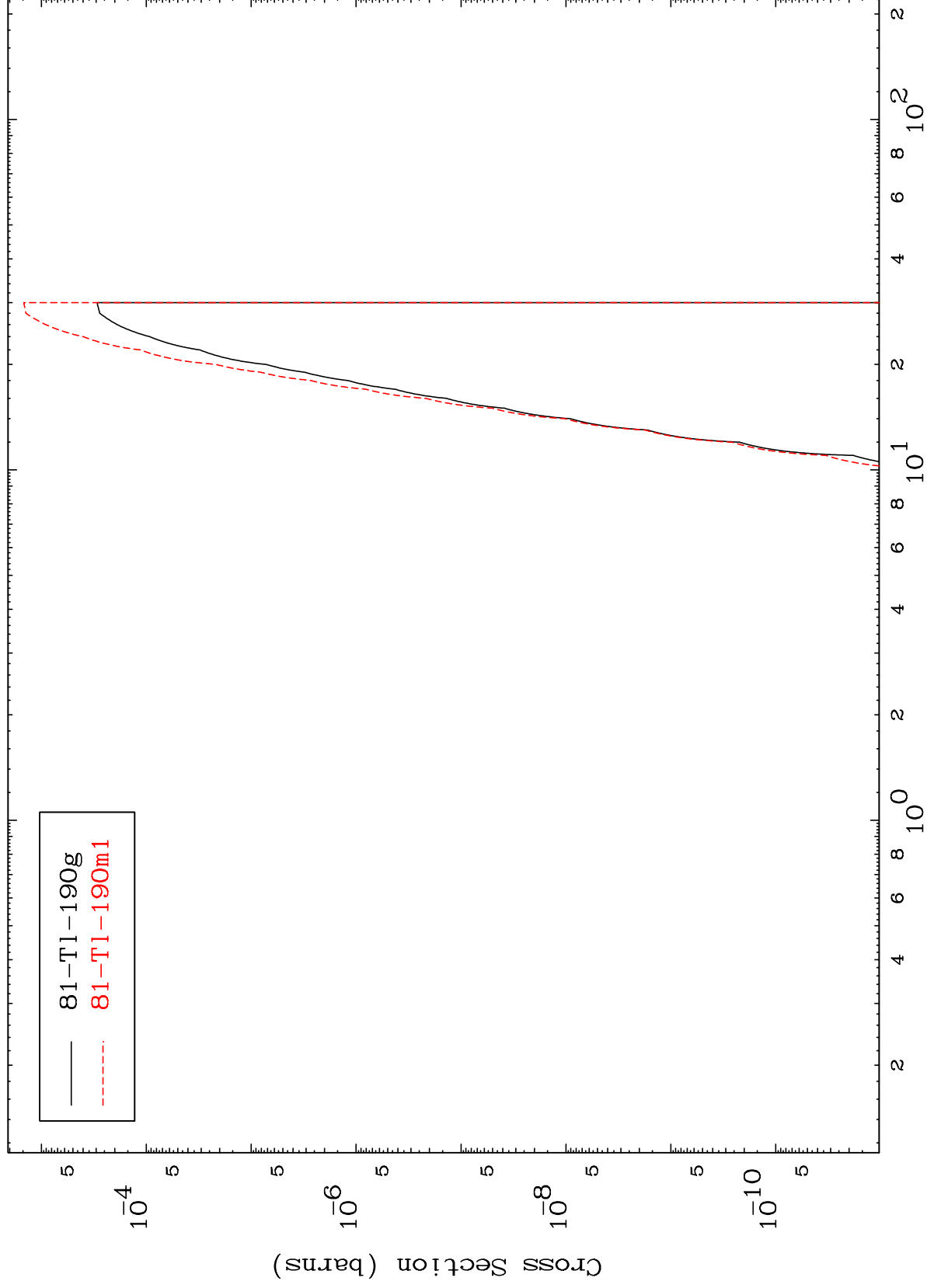


24

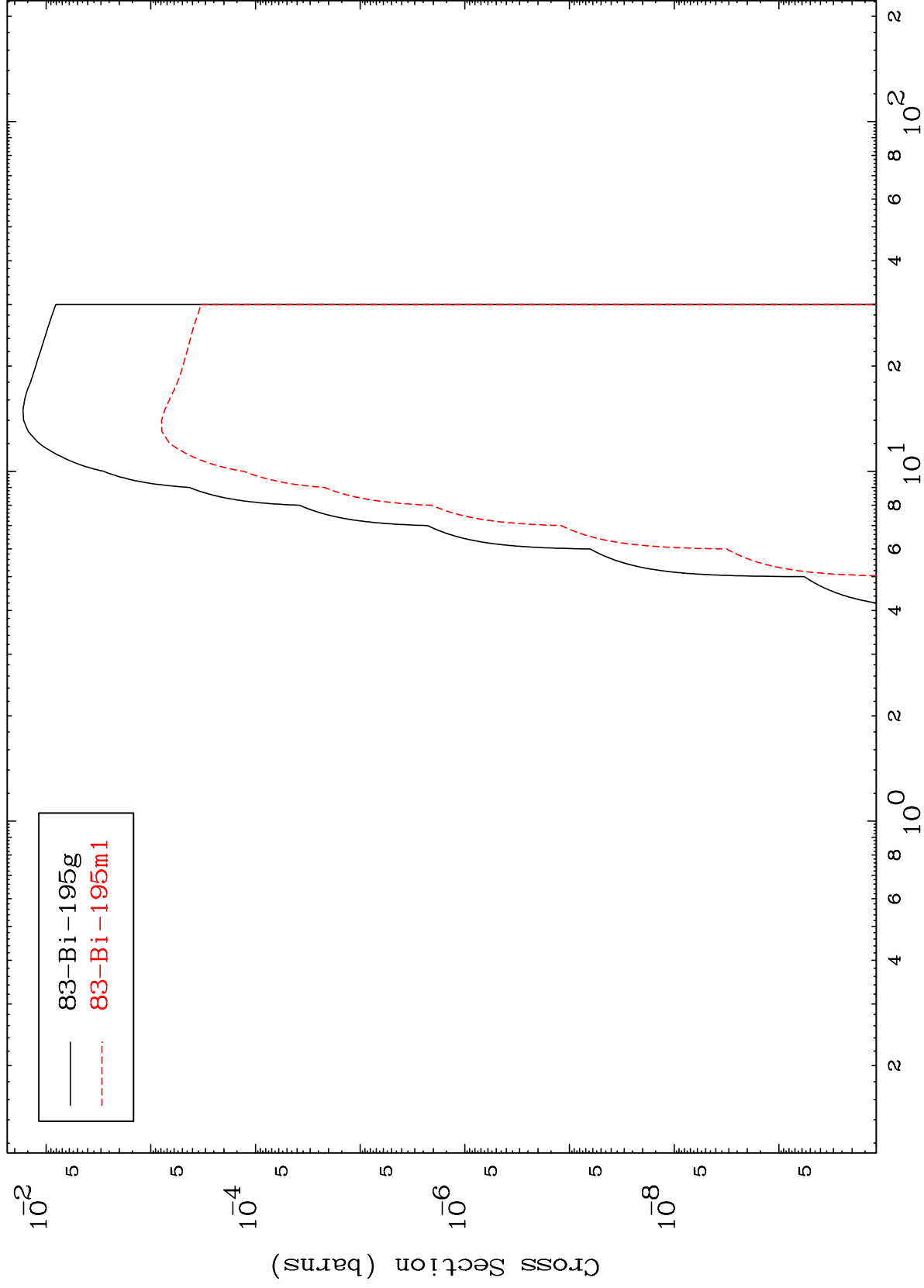
Incident Energy (MeV) 83-Bi-193



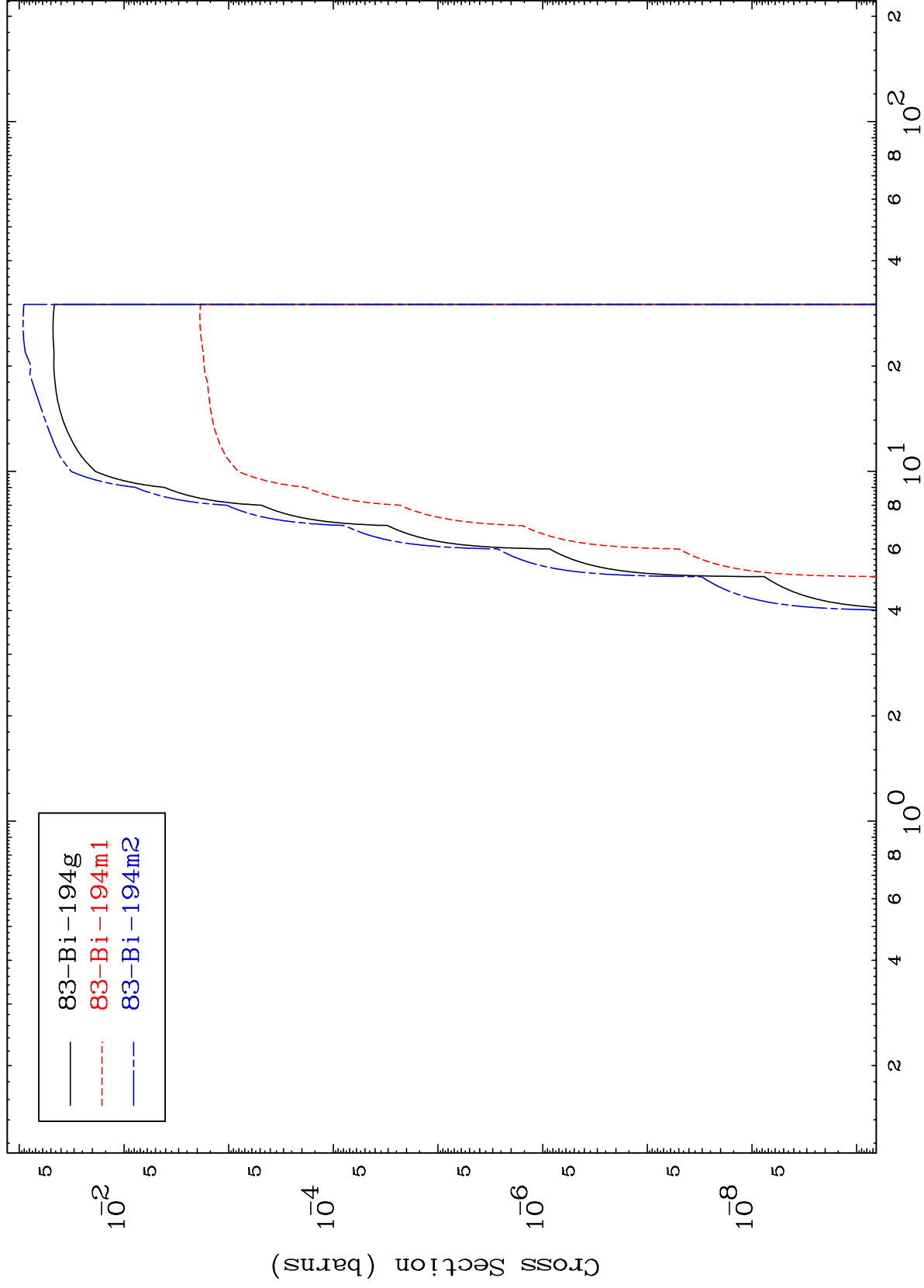
(n,n') p α
Radionuclide Production Cross Section



Radionuclide Production Cross Section (n,p)



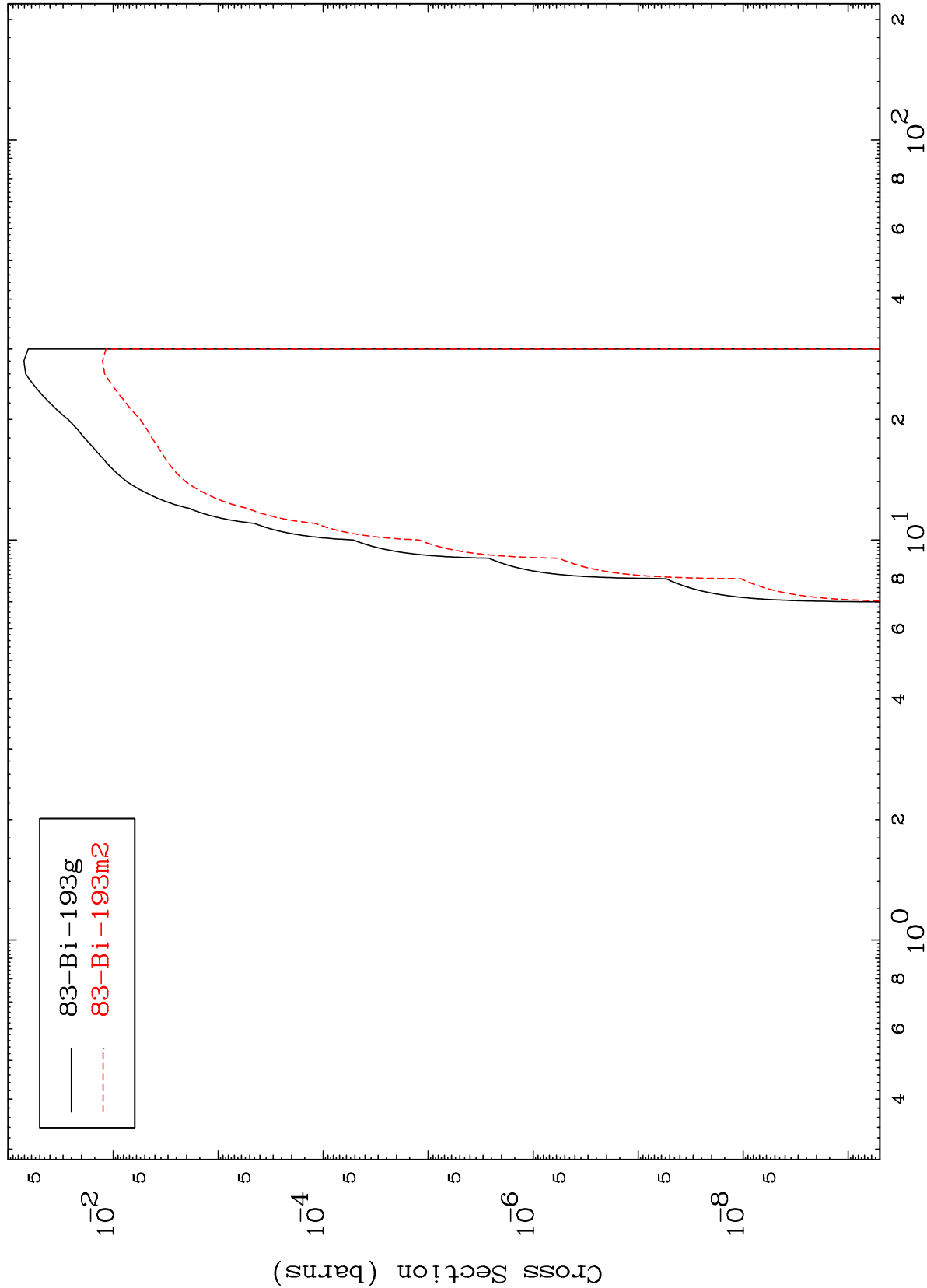
(n,d)
Radionuclide Production Cross Section



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(n,t)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

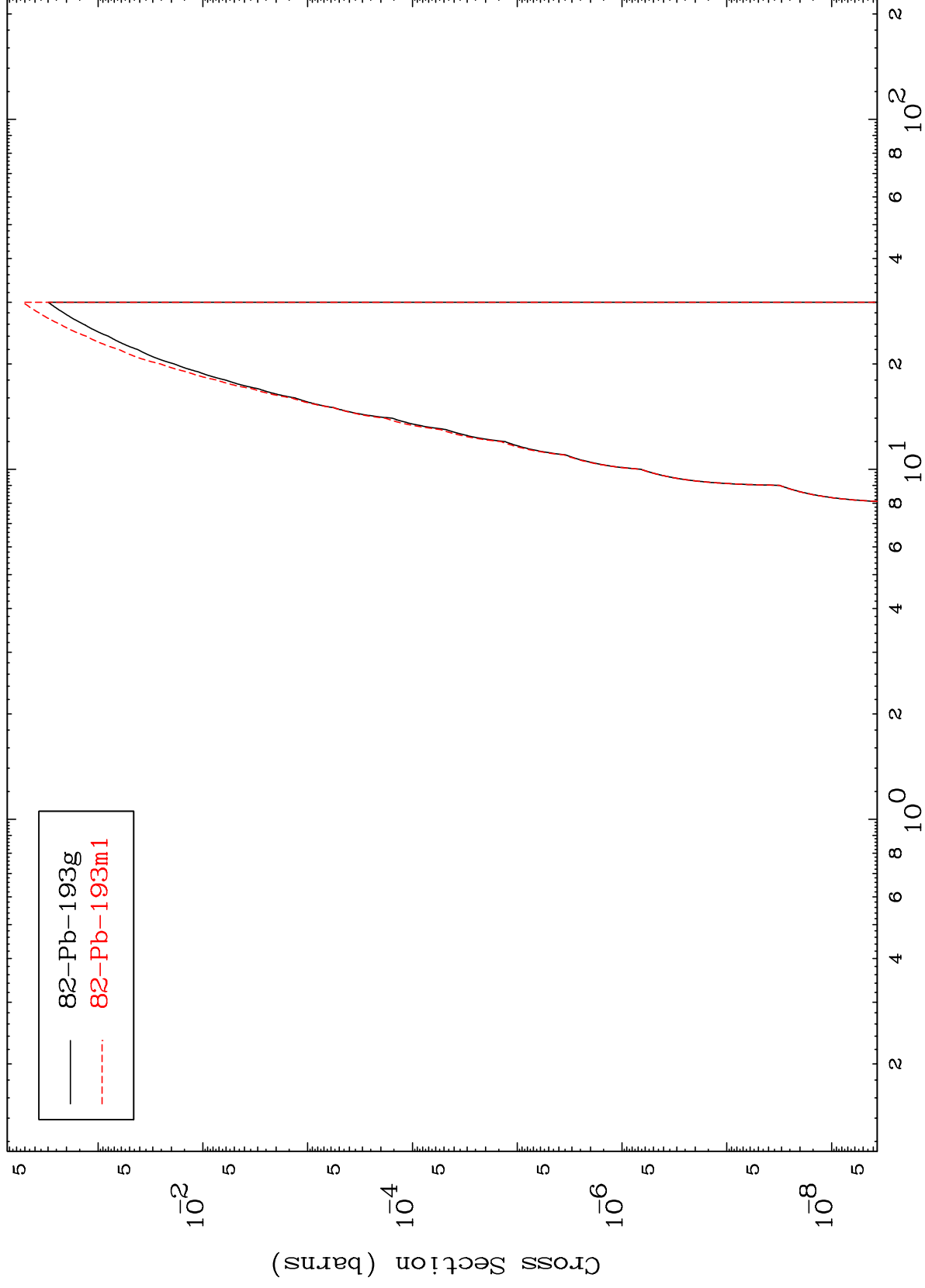
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(n,He-3)

83-Bi-193

Radionuclide Production Cross Section

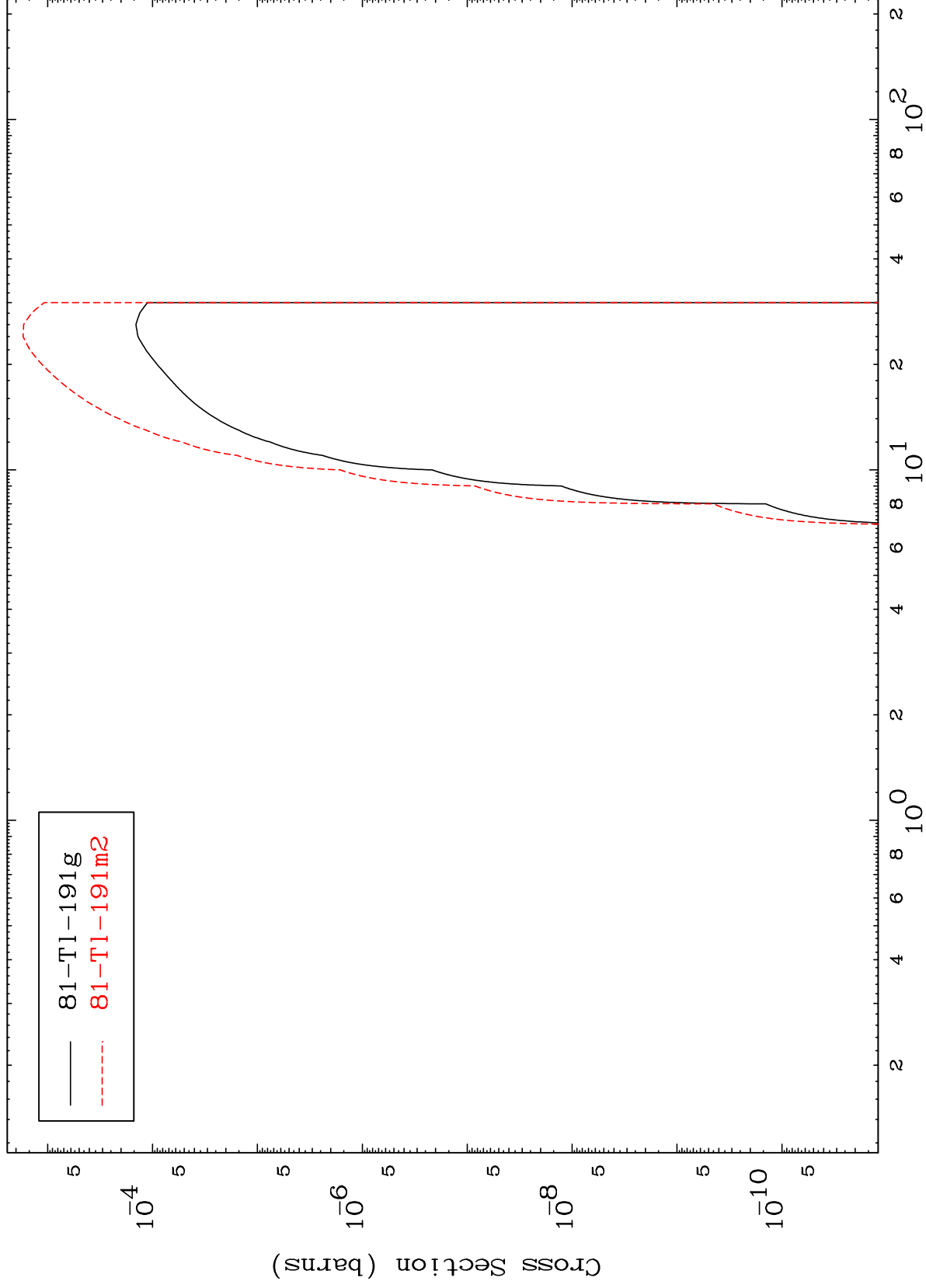


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Incident Energy (MeV)

83-Bi-193

Radionuclide Production Cross Section
(n,p) α

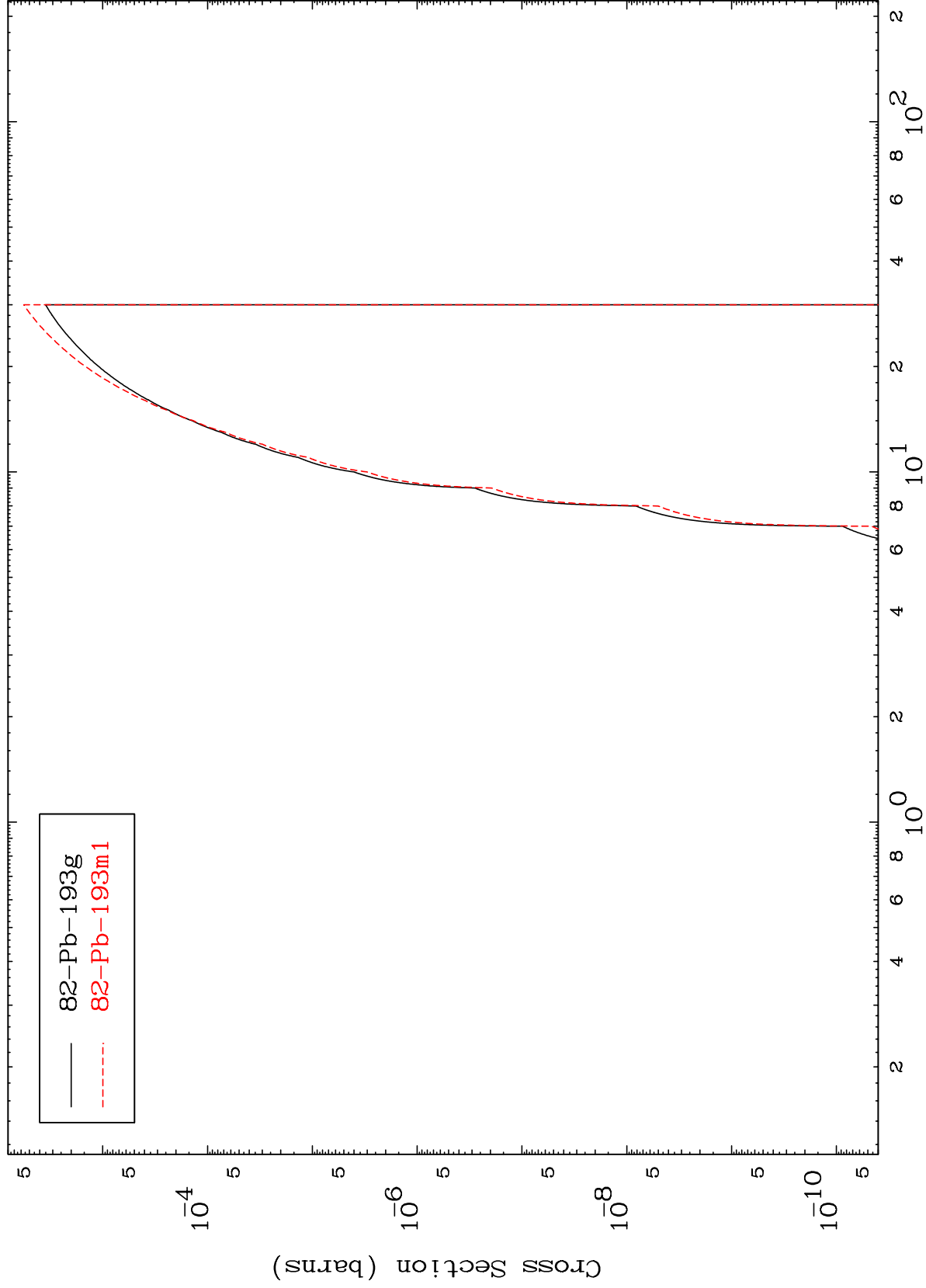


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(n,p) d

83-Bi-193

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-193

