

Program EVALPLOT
(Version 2021-1)

by

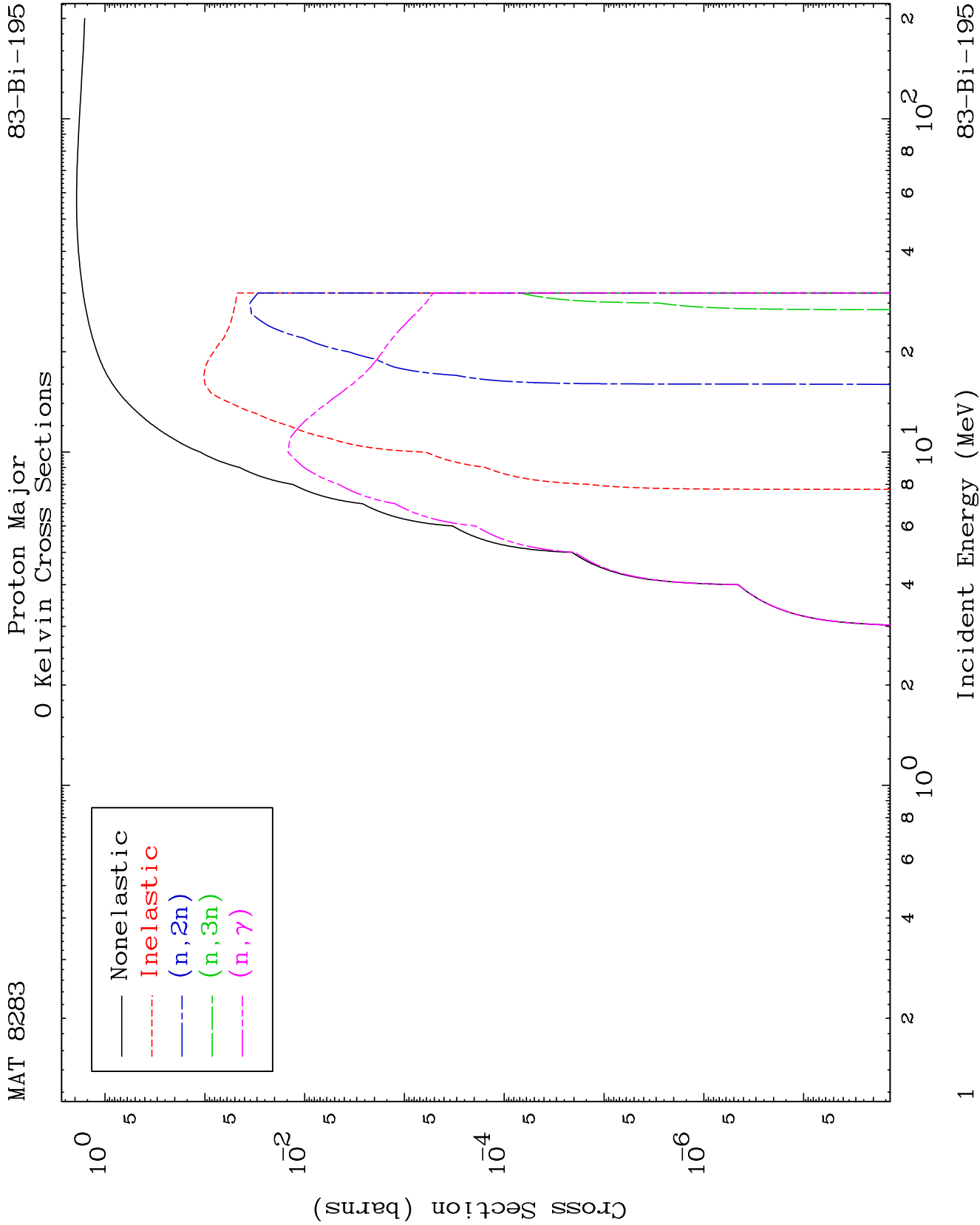
Dermott E. Cullen
(Present Contact Information)

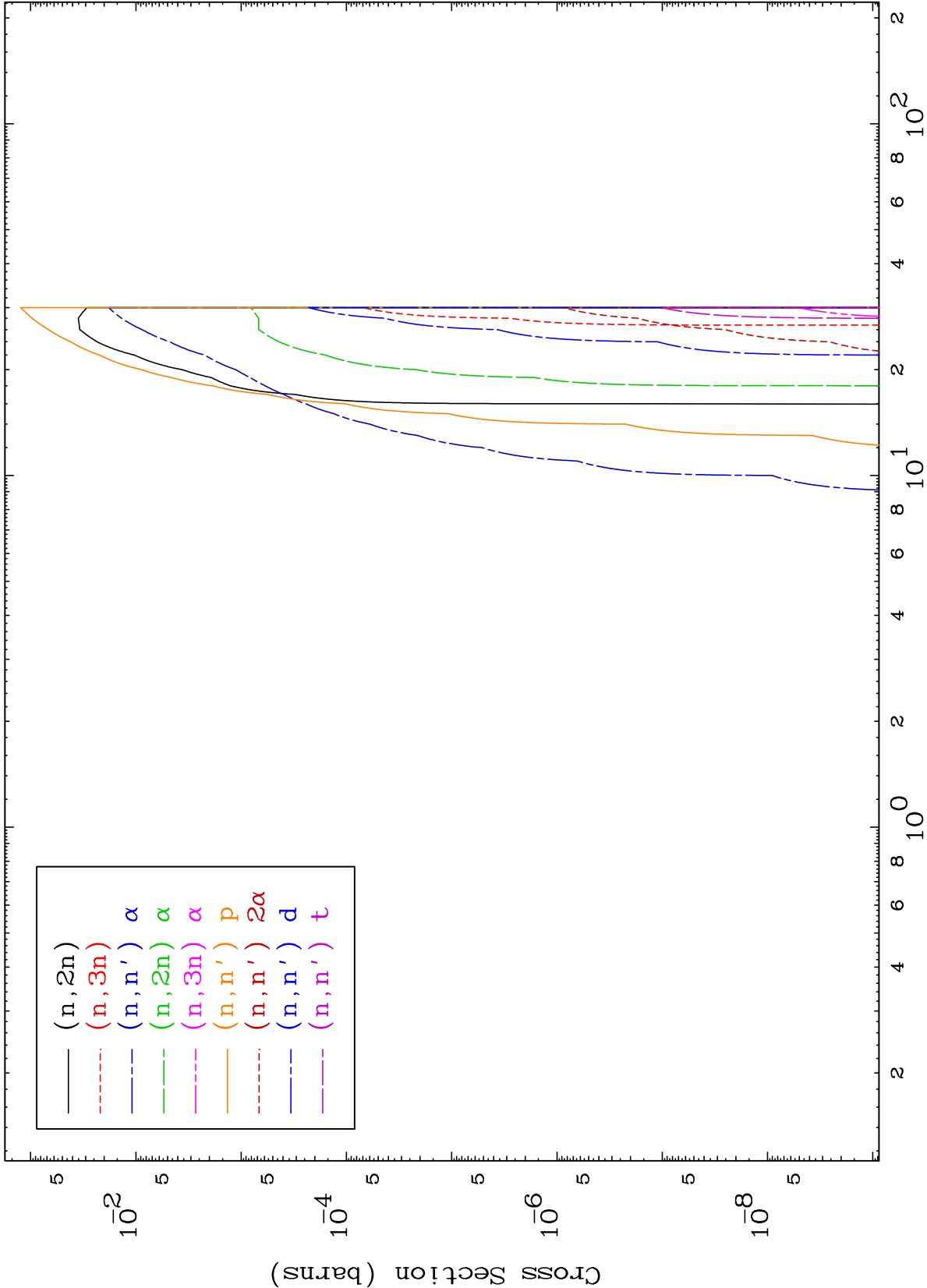
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

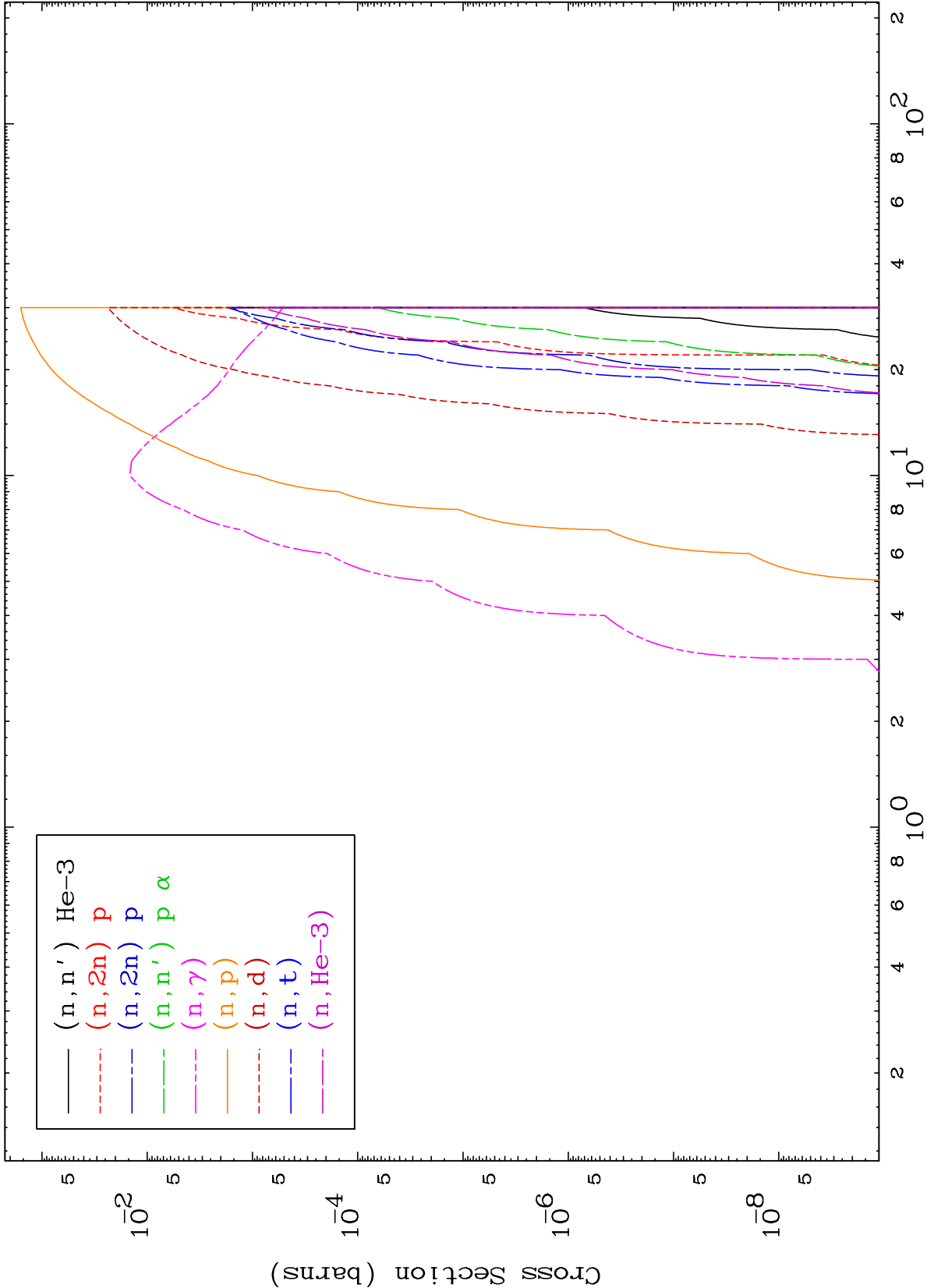
Tele: 925-443-1911

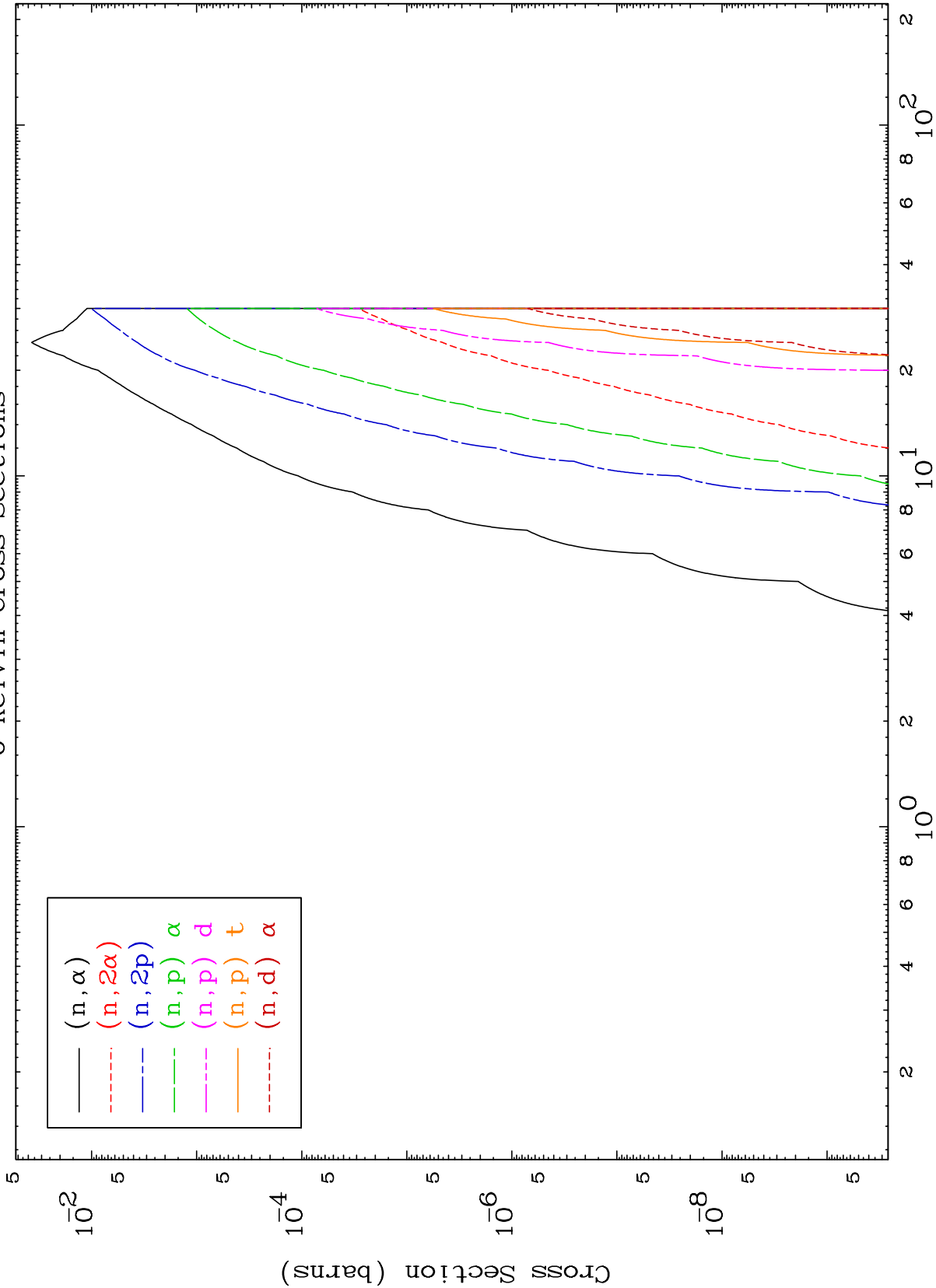
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

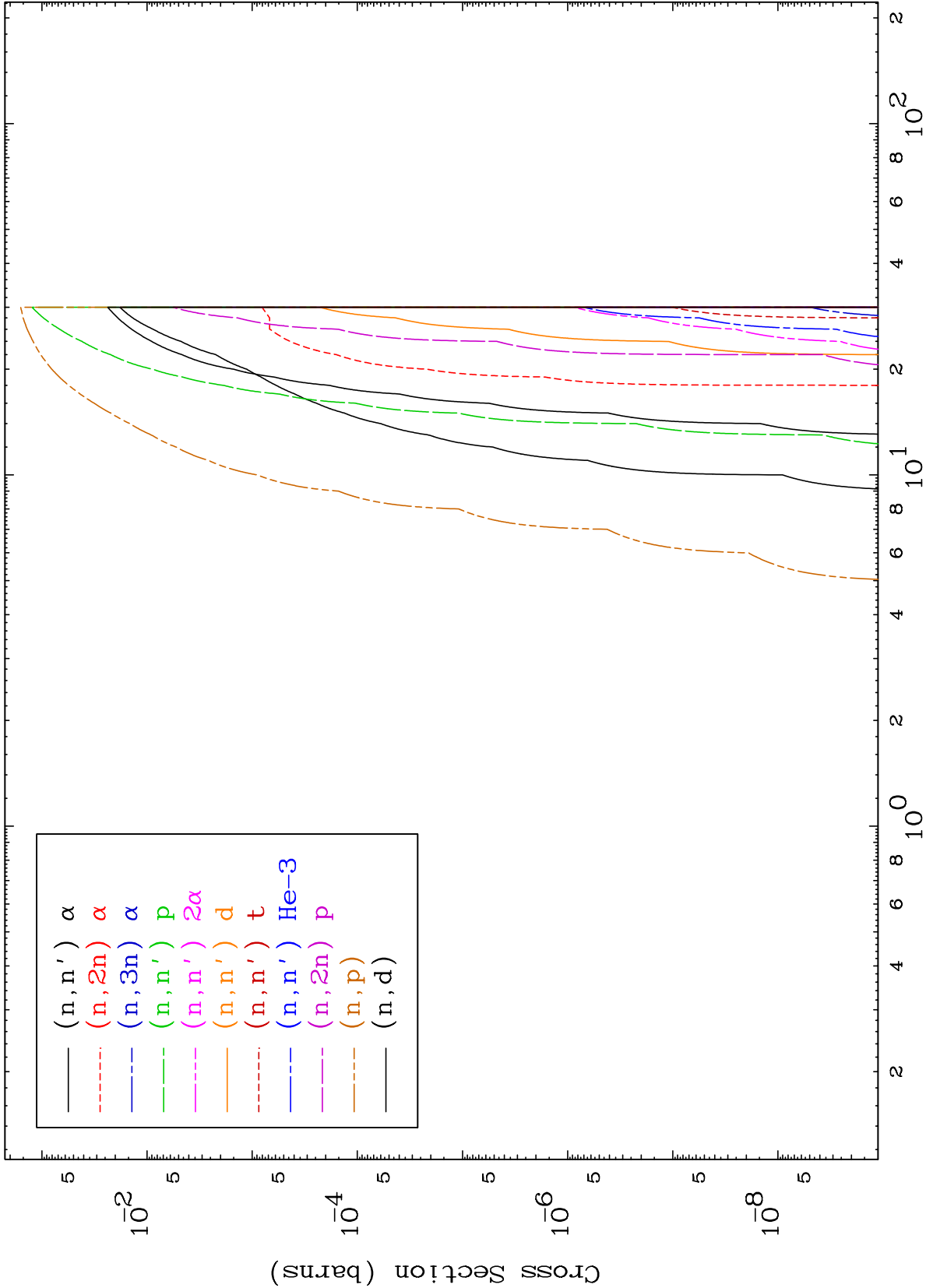
Press Mouse Button to Start

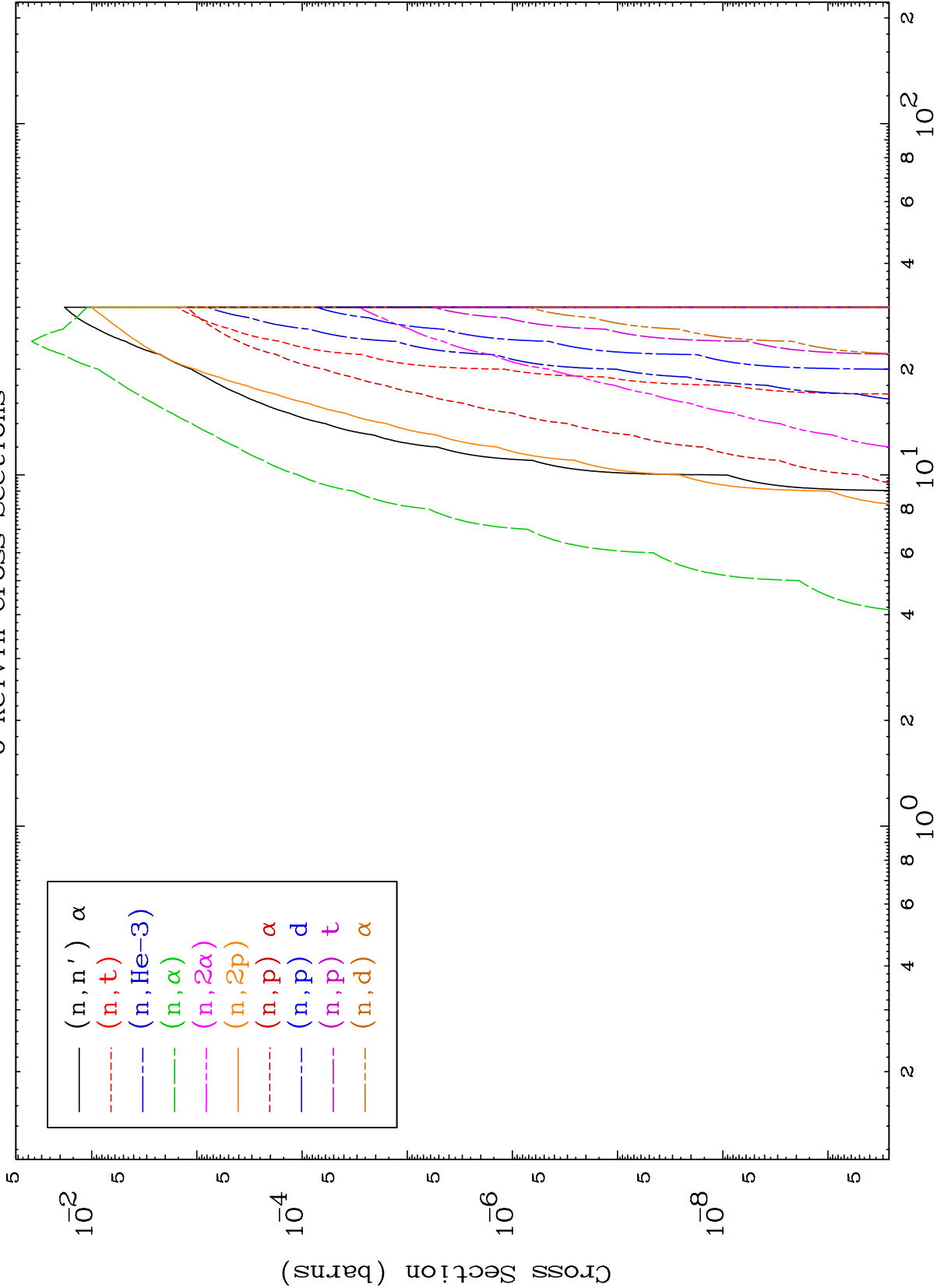








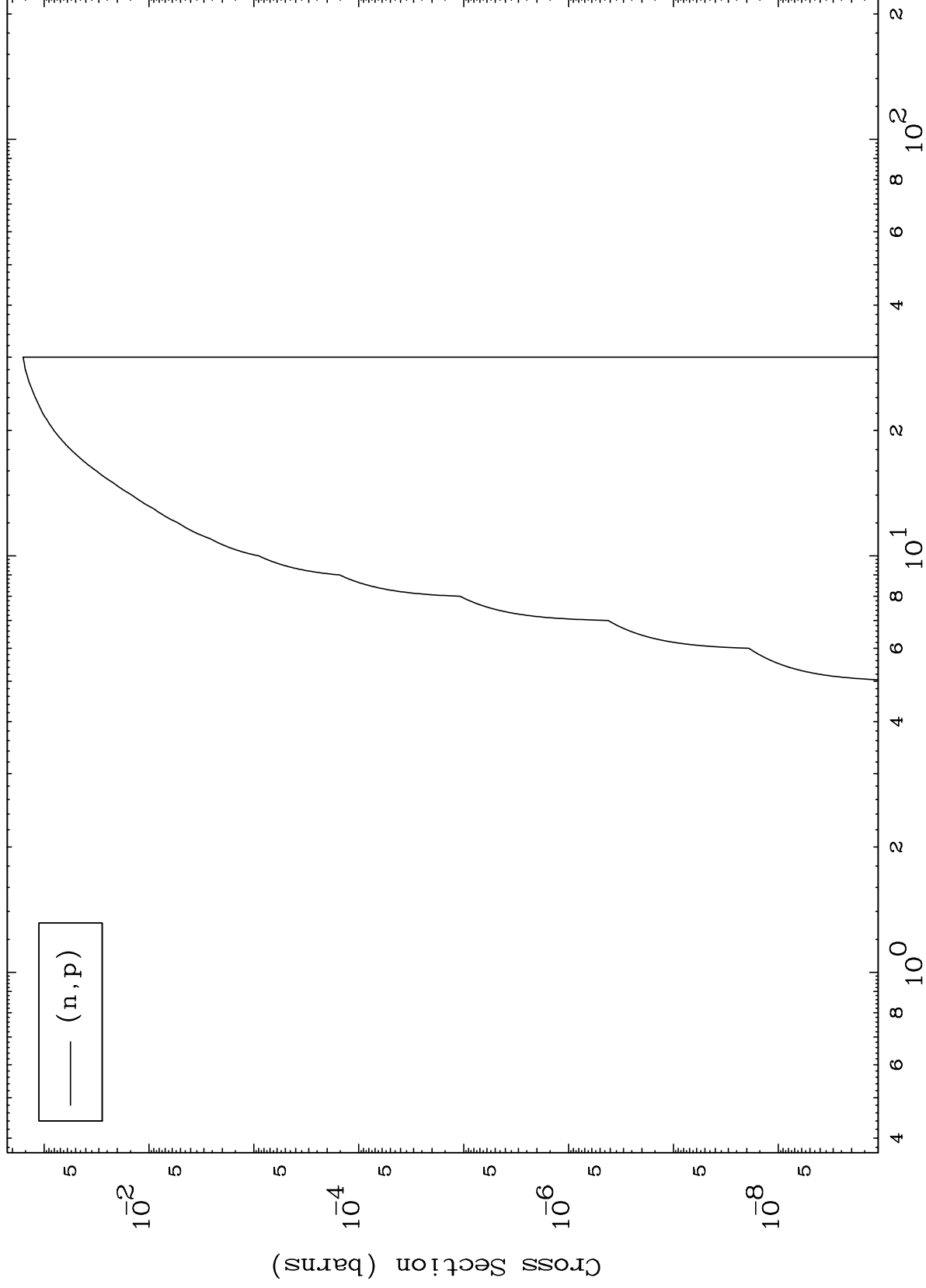




MAT 8283

83-Bi-195

(p,p) Levels
0 Kelvin Cross Sections



83-Bi-195

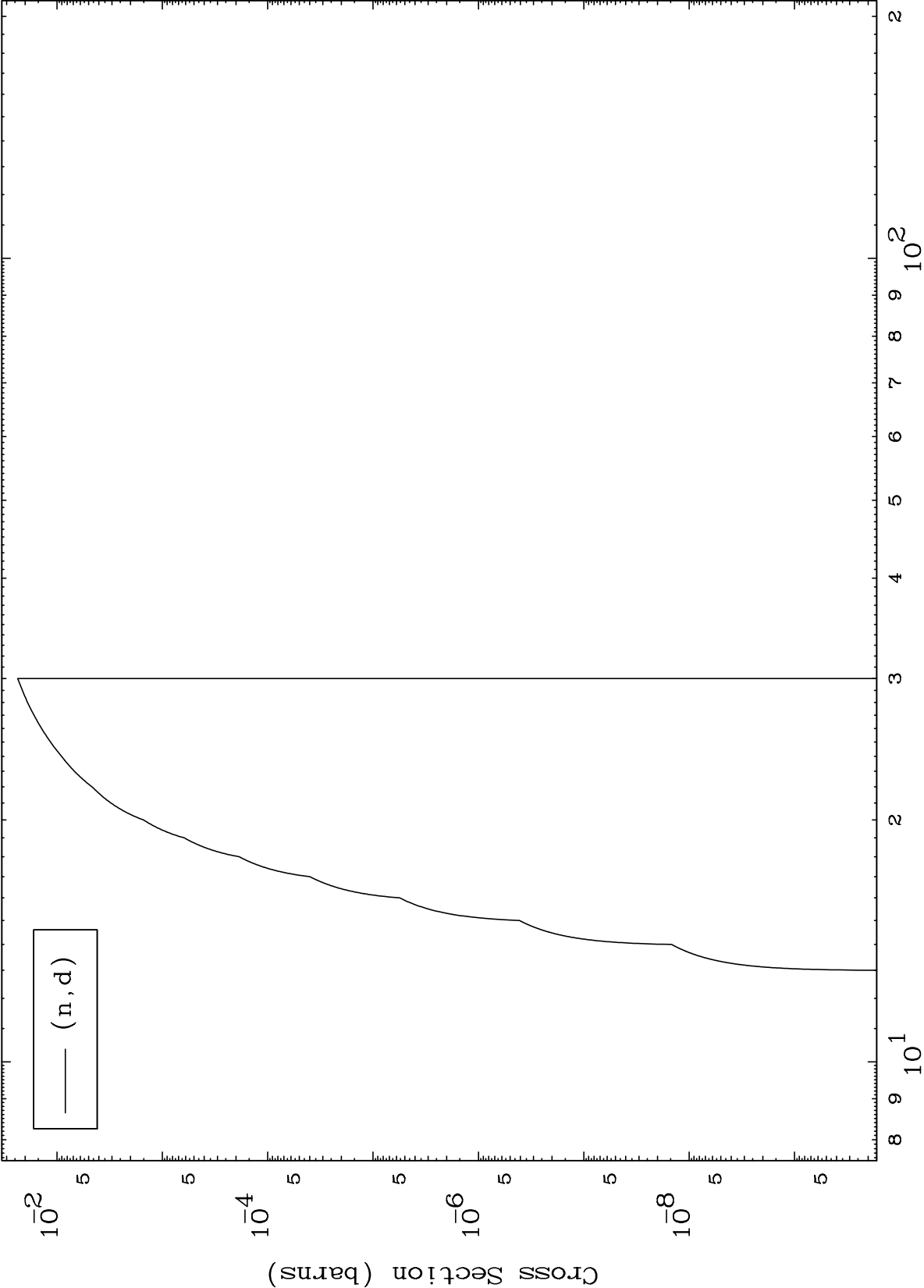
Incident Energy (MeV)

7

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83-Bi-195

(p,d) Levels
0 Kelvin Cross Sections



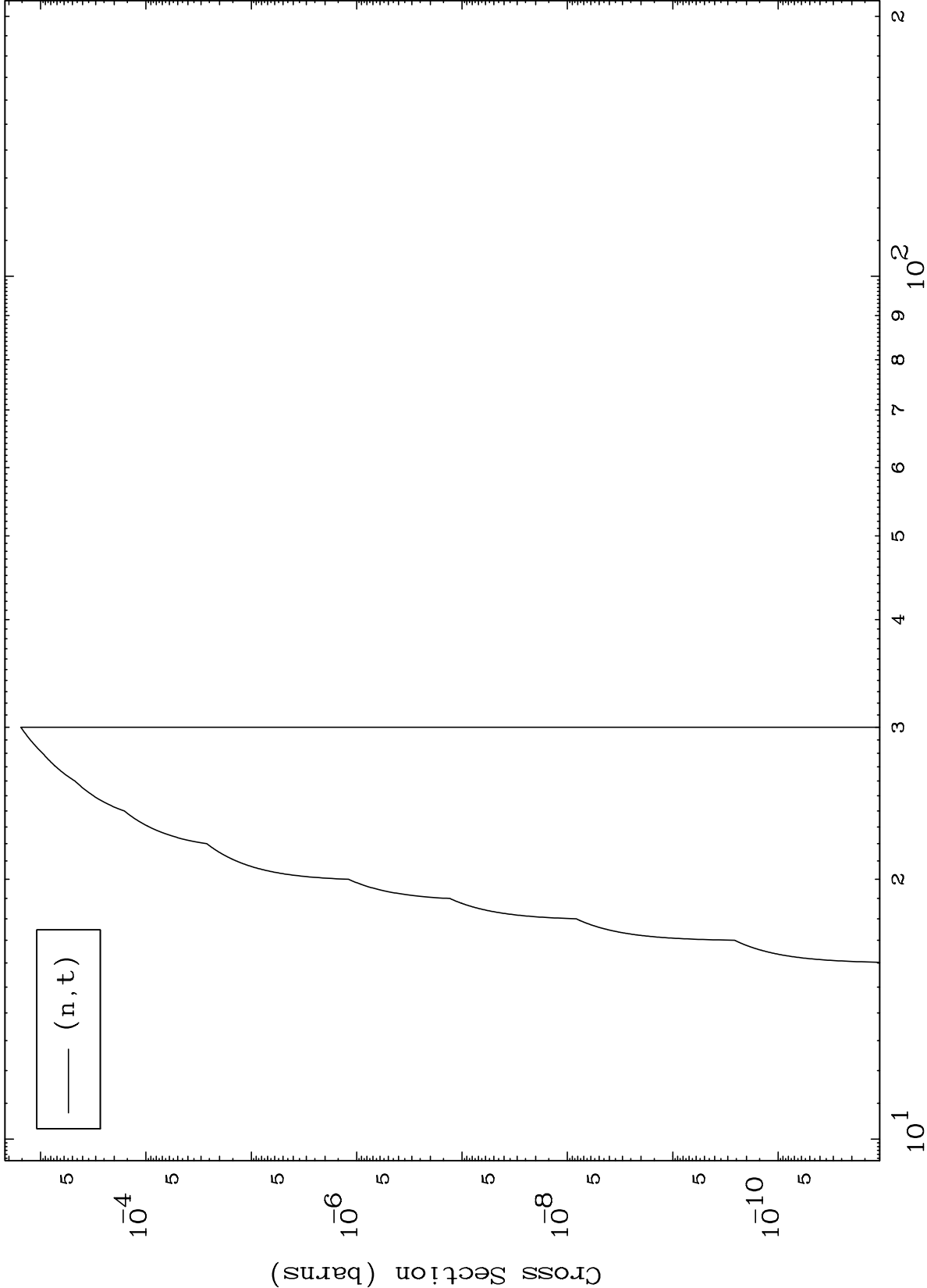
Incident Energy (MeV)

83-Bi-195

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(p,t) Levels
0 Kelvin Cross Sections

83-Bi-195



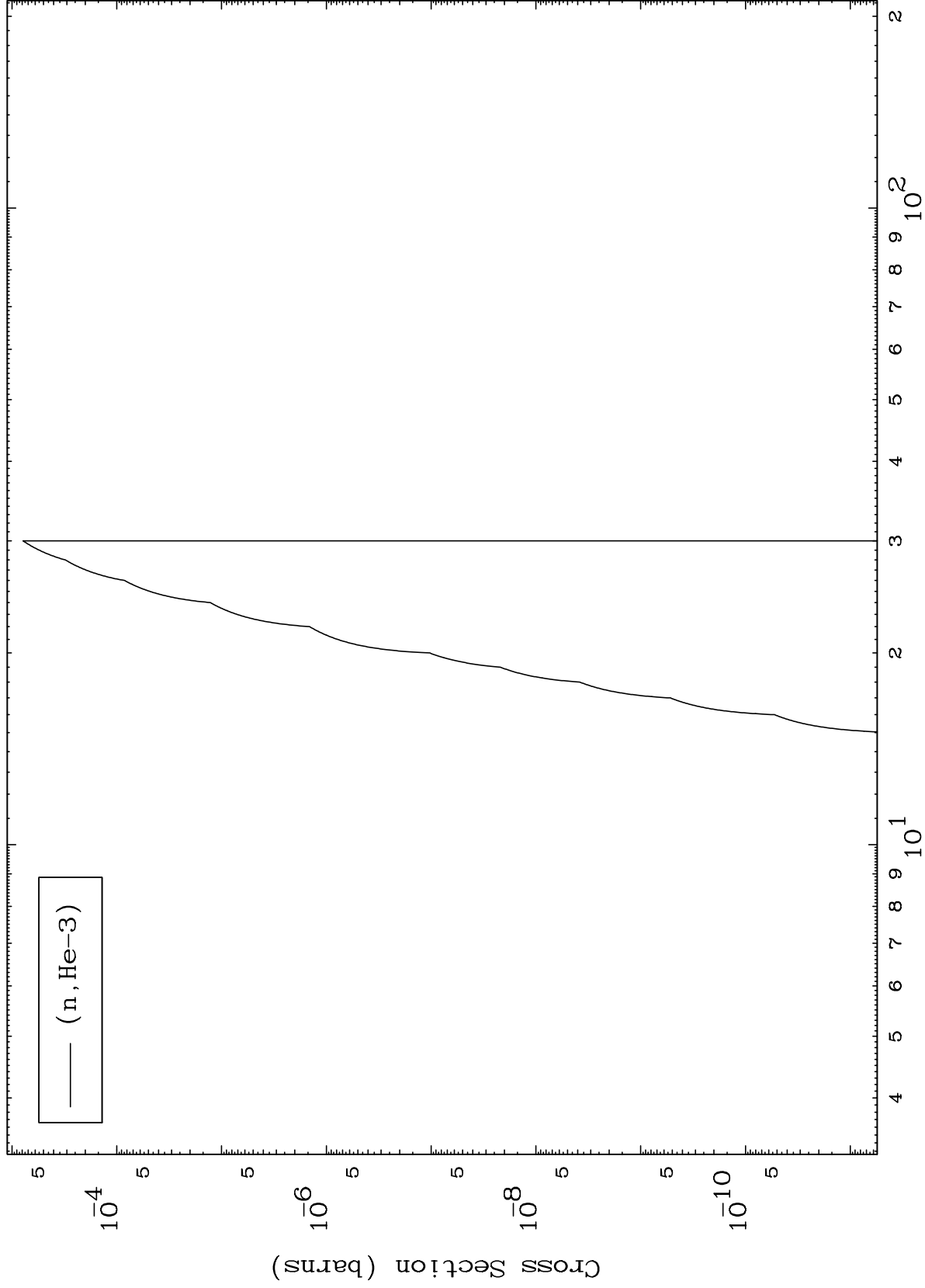
Incident Energy (MeV)

83-Bi-195

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83-Bi-195

(p,He3) Levels
0 Kelvin Cross Sections



83-Bi-195

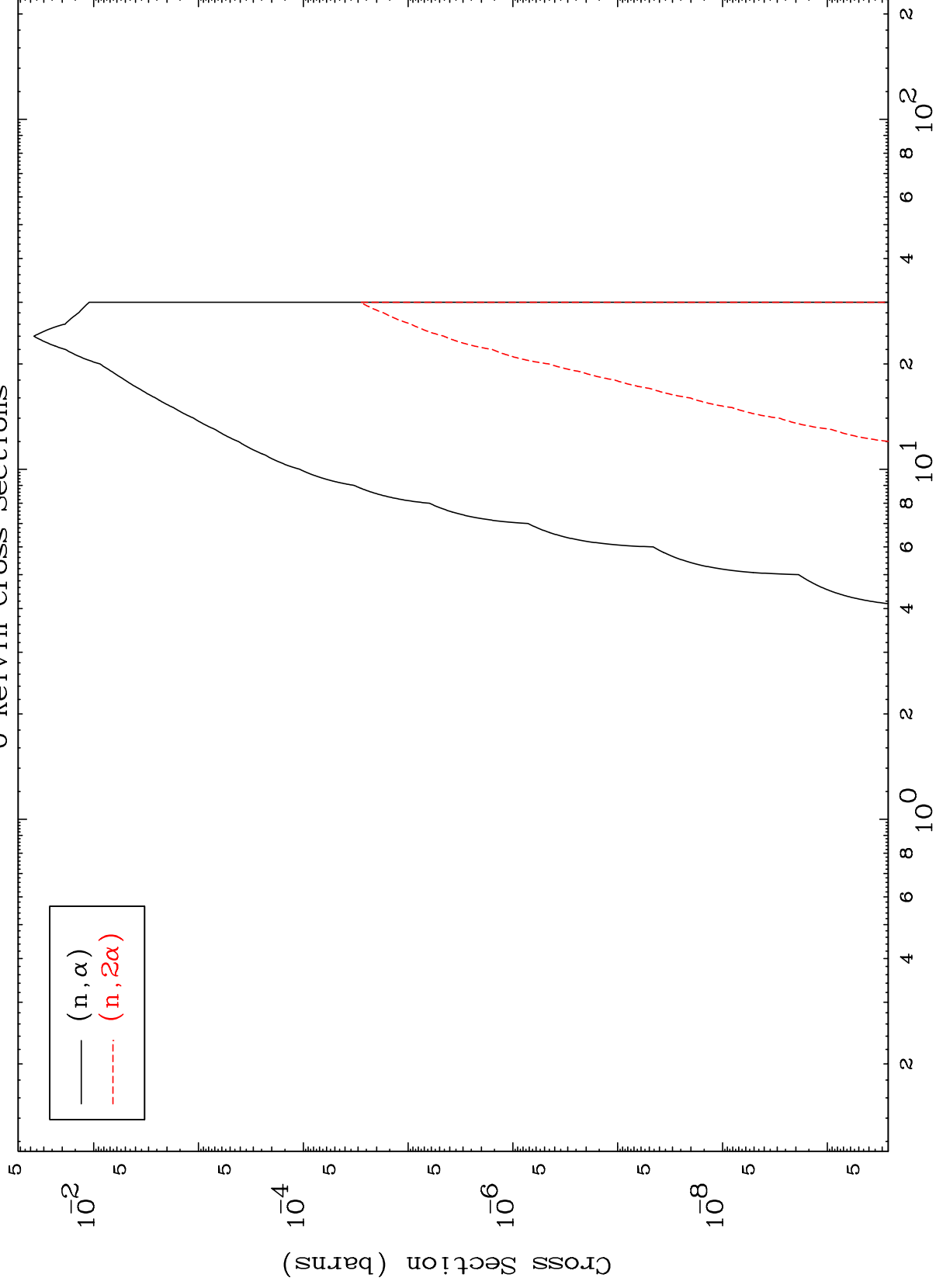
Incident Energy (MeV)

10

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83-Bi-195

(p, α) Levels
0 Kelvin Cross Sections



11

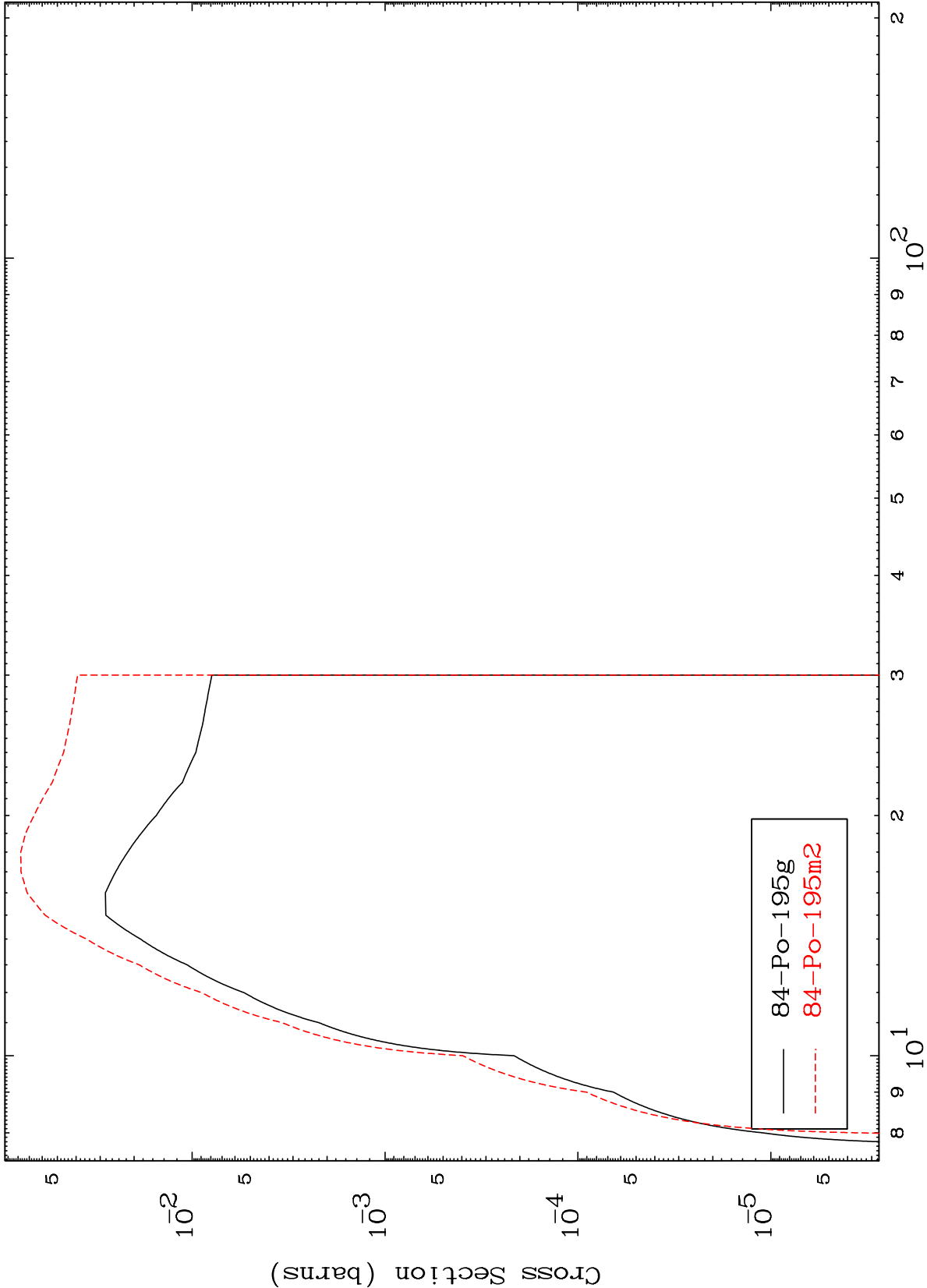
83-Bi-195

Incident Energy (MeV)

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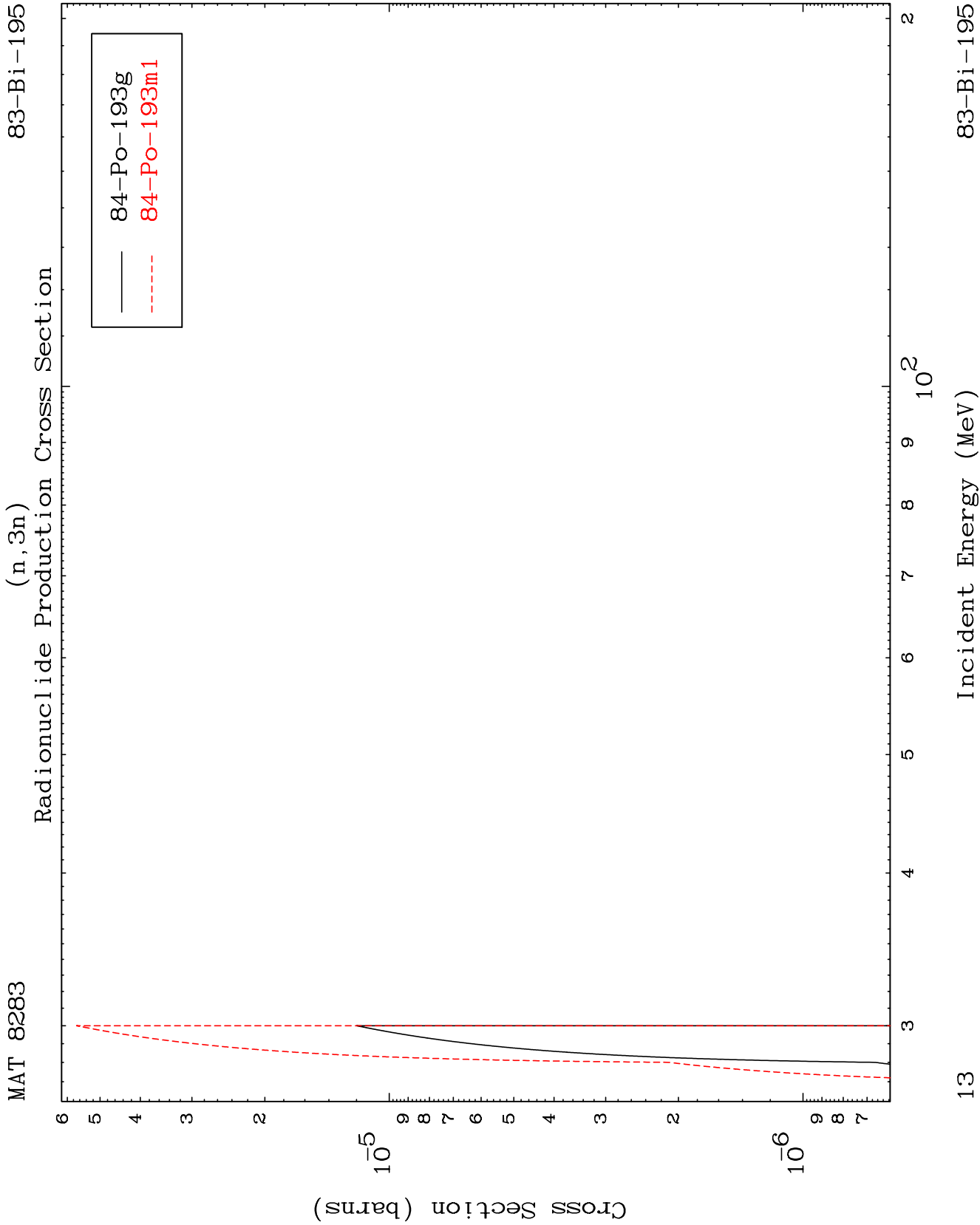
Inelastic
Radionuclide Production Cross Section

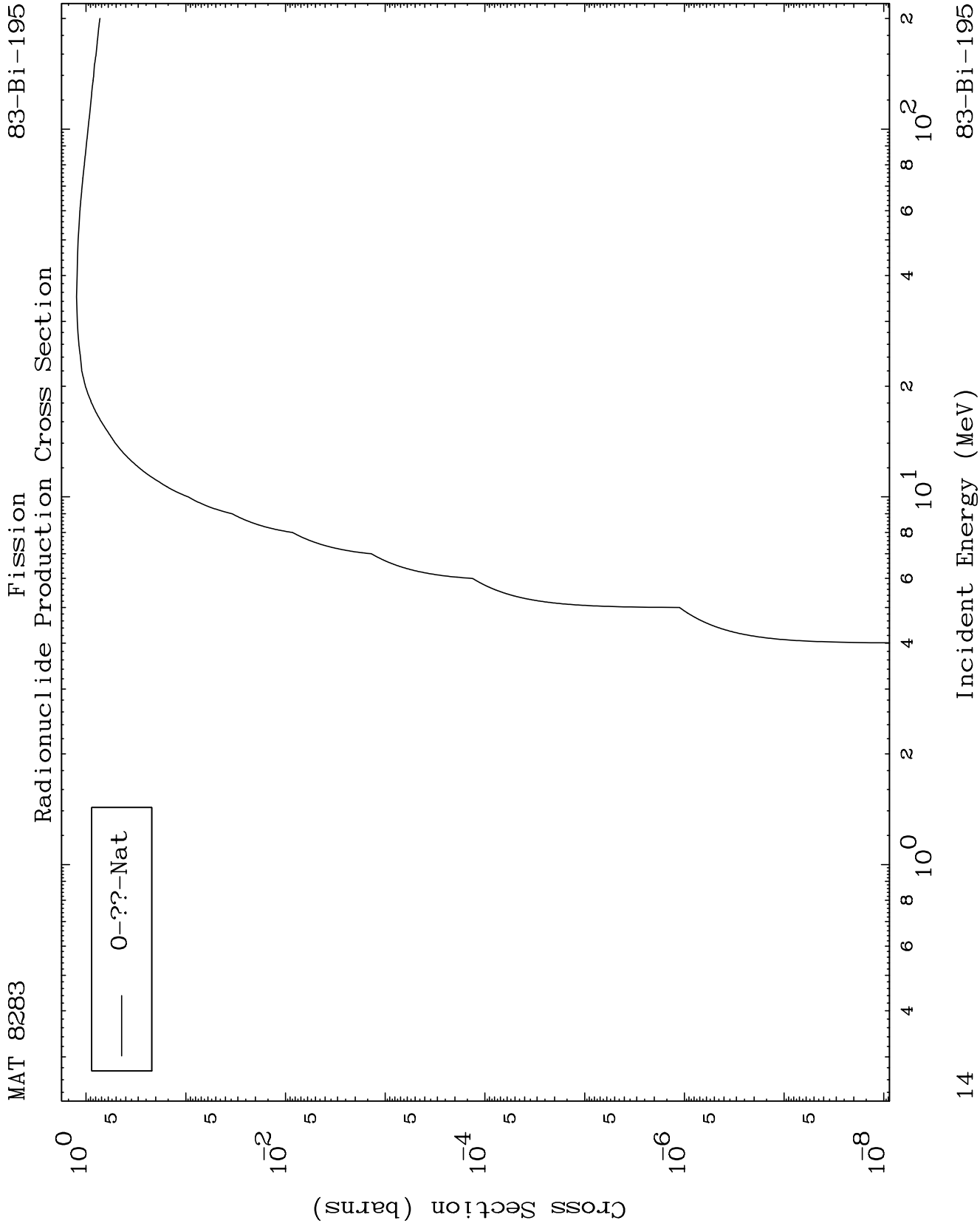


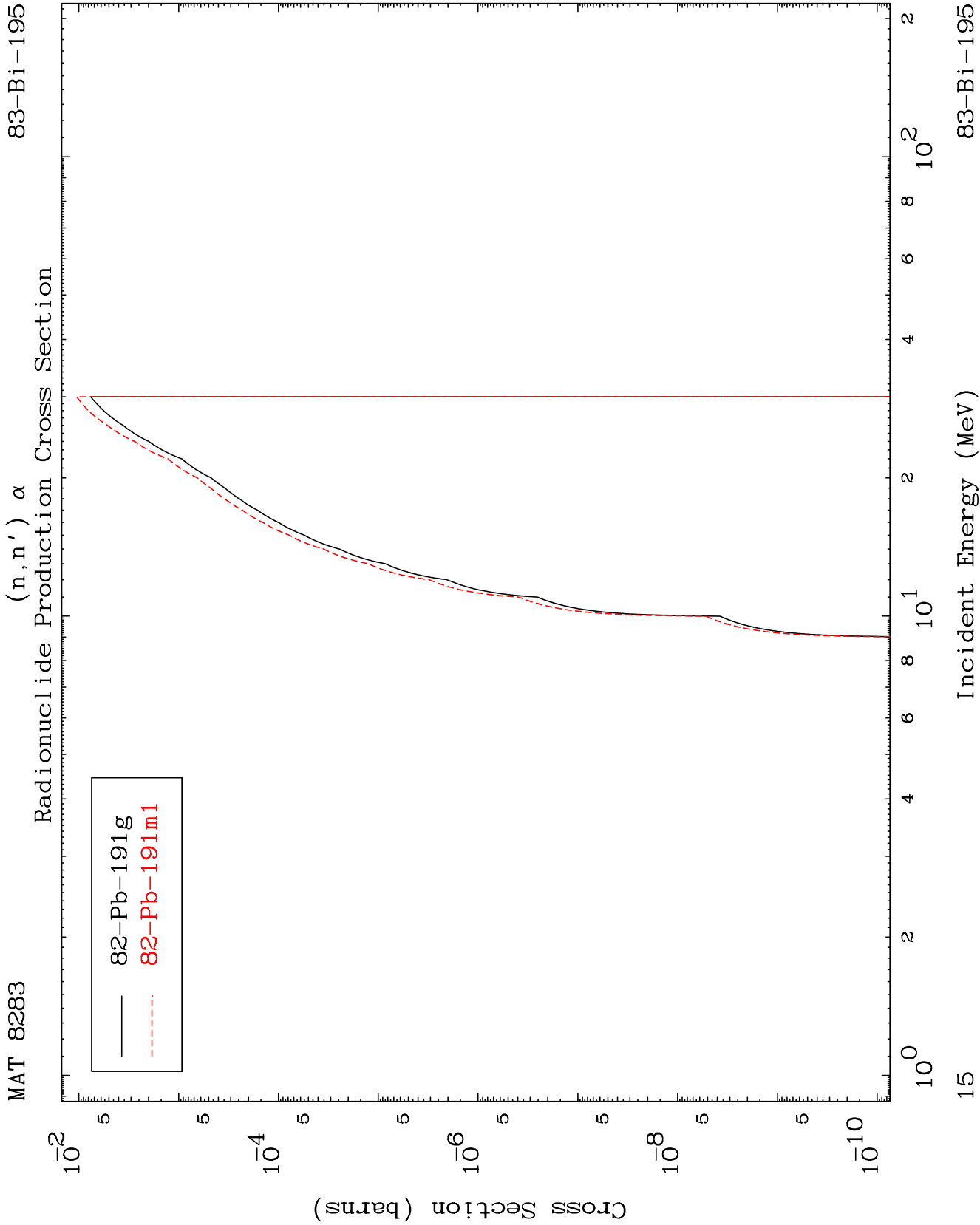
83-Bi-195

Incident Energy (MeV)

12



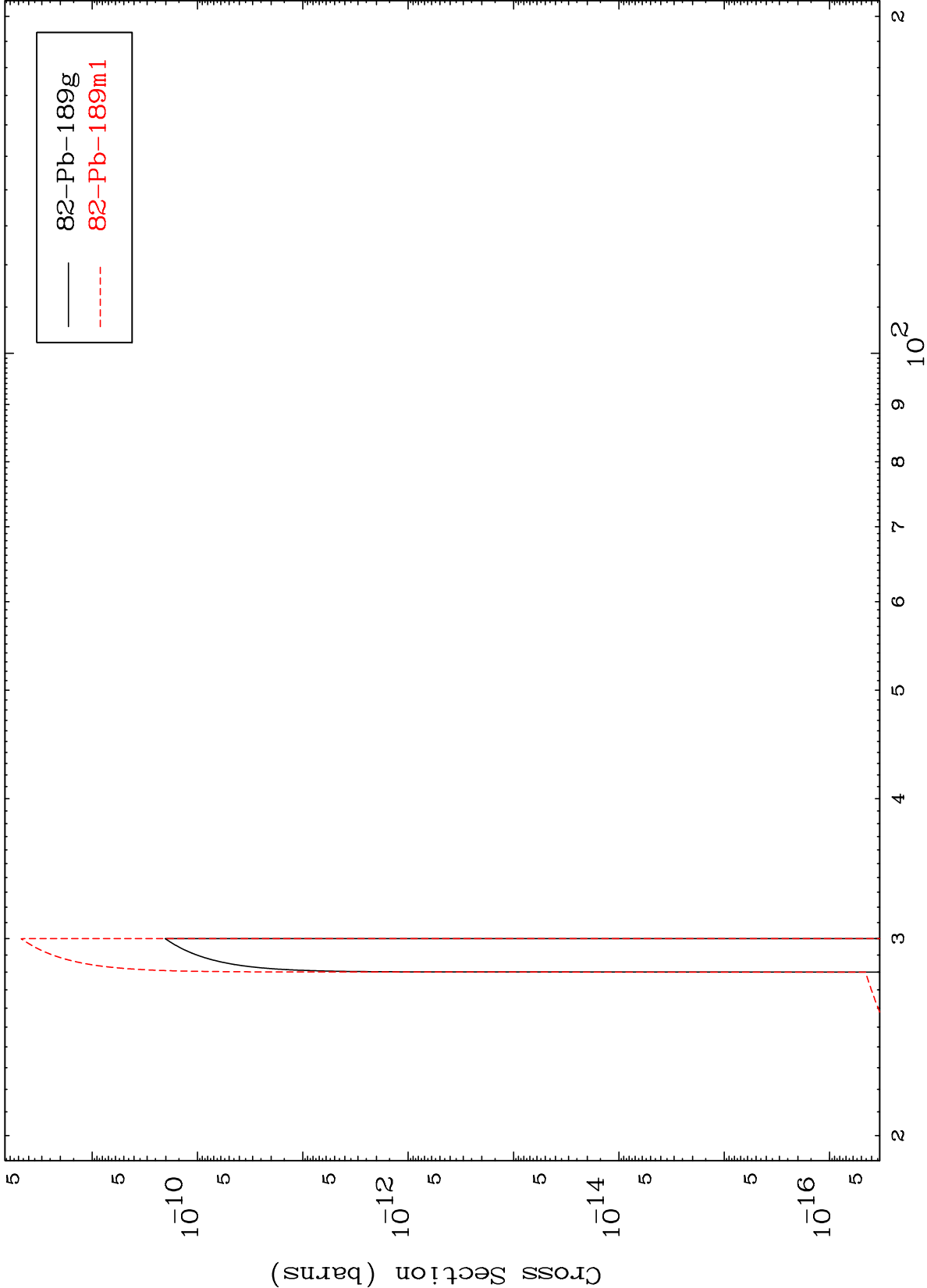




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83-Bi-195

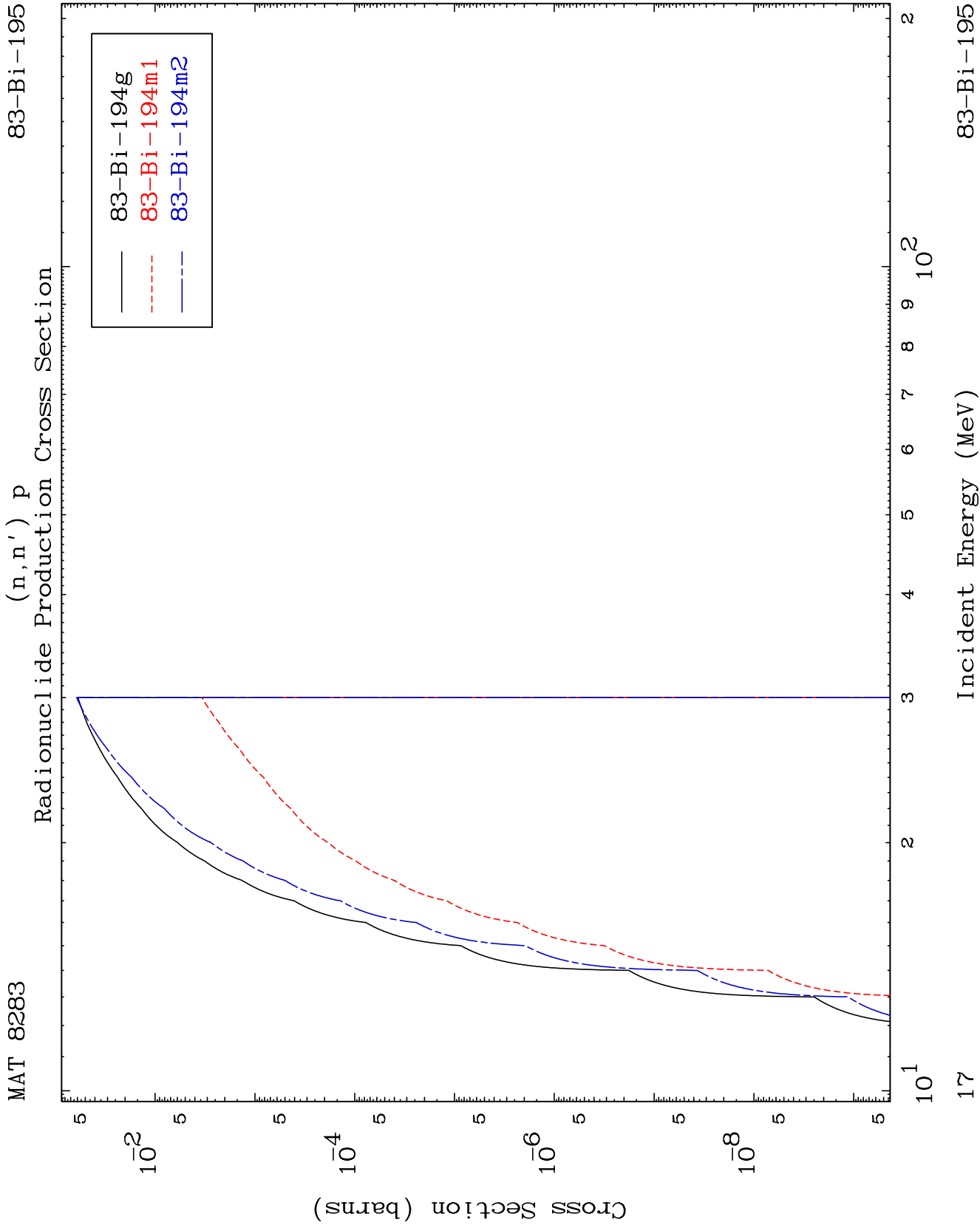
$(n,3n) \alpha$
Radionuclide Production Cross Section



16

Incident Energy (MeV)

83-Bi-195

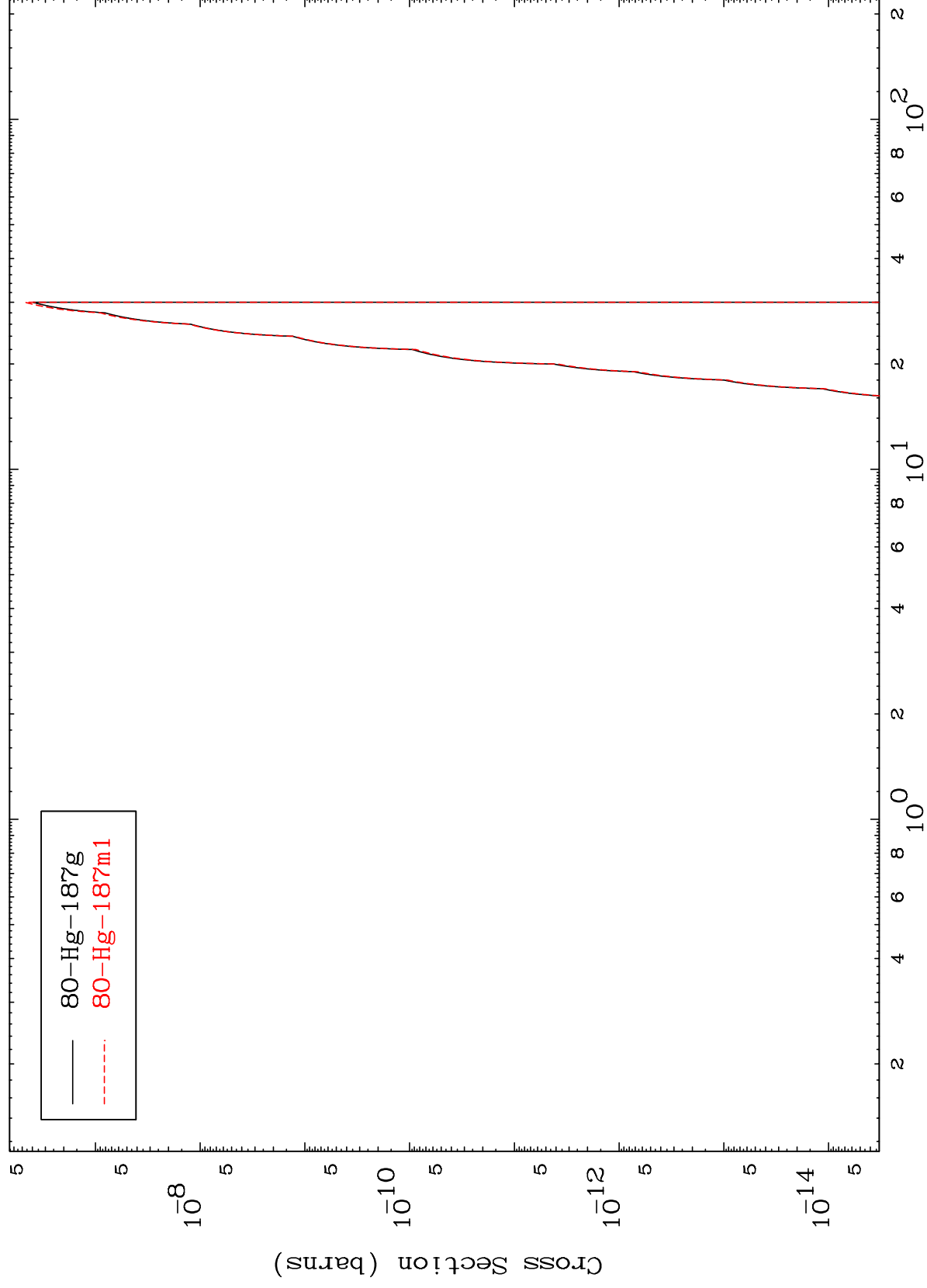


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(n,n') 2 α

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Radionuclide Production Cross Section

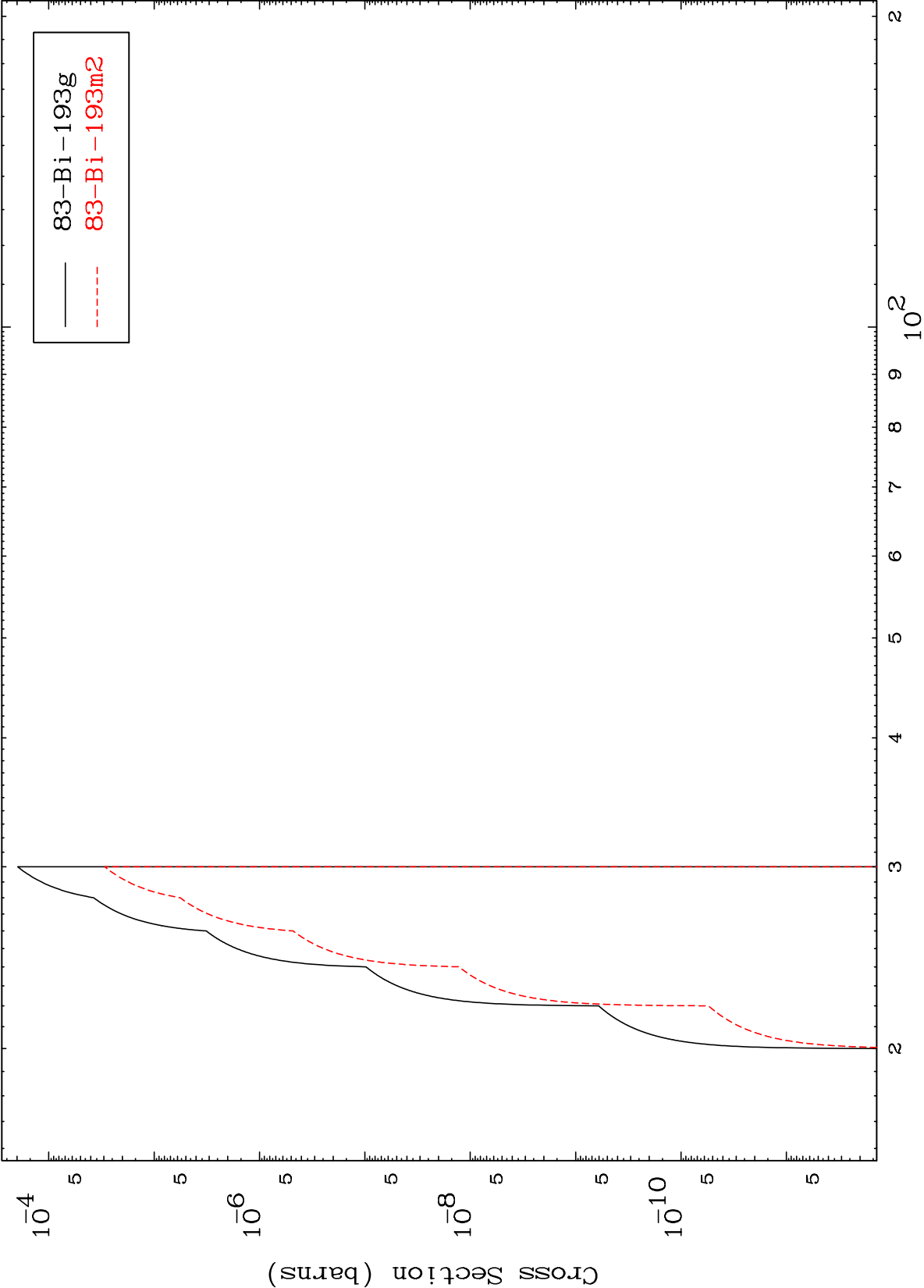


18

Incident Energy (MeV)

83-Bi-195

(n,n') d
Radionuclide Production Cross Section

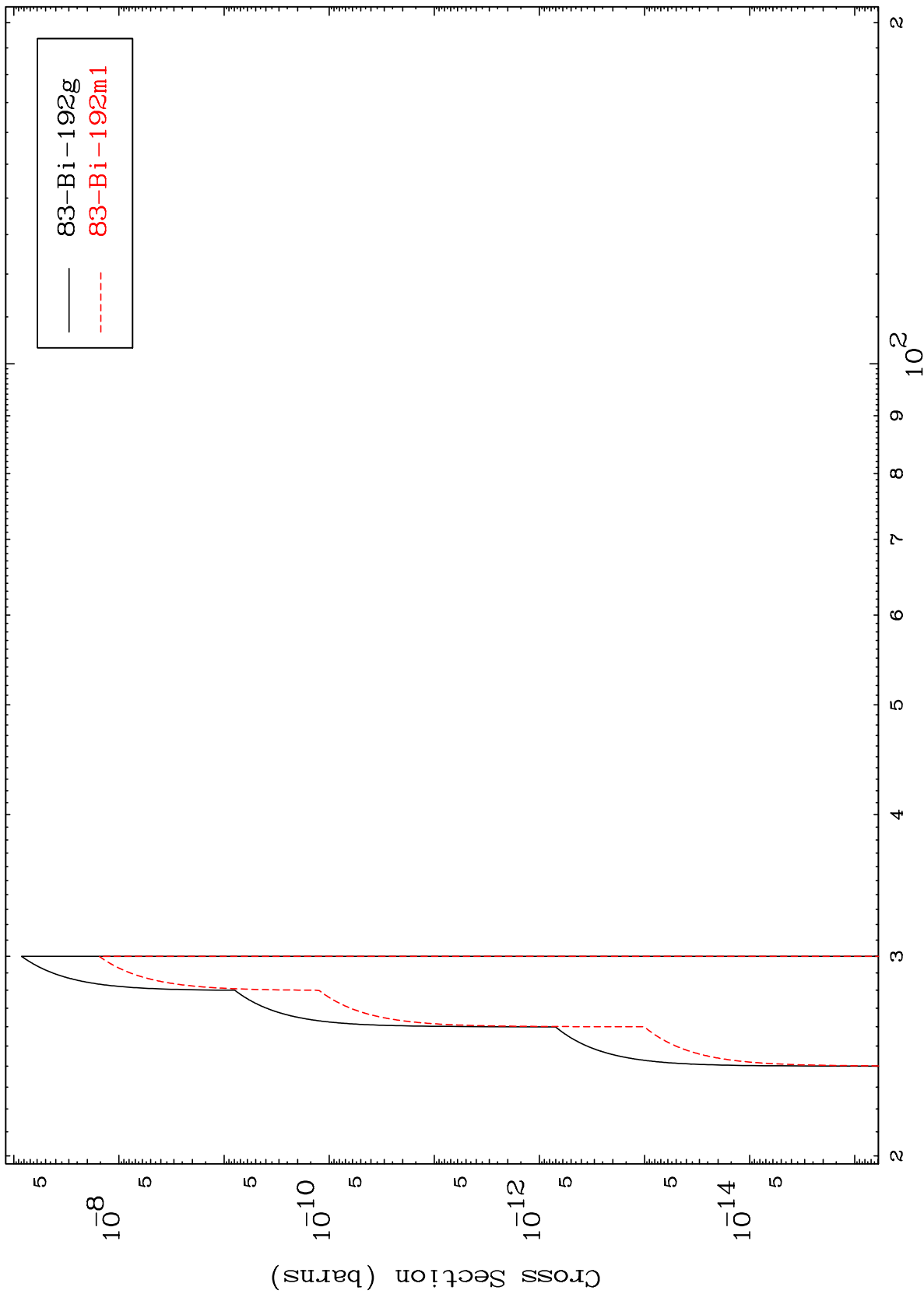


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83-Bi-195

(n,n') t

Radionuclide Production Cross Section

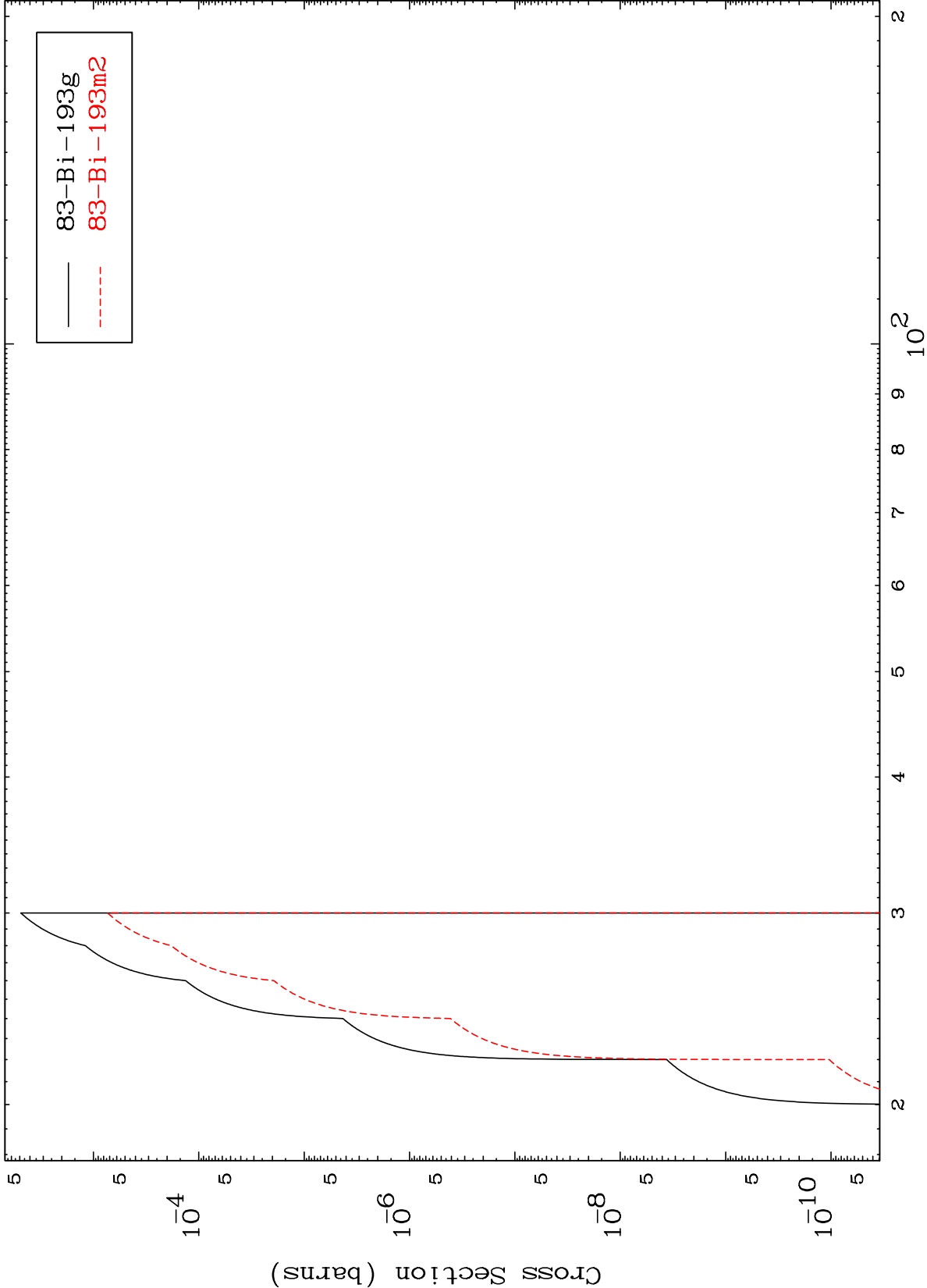


83-Bi-195

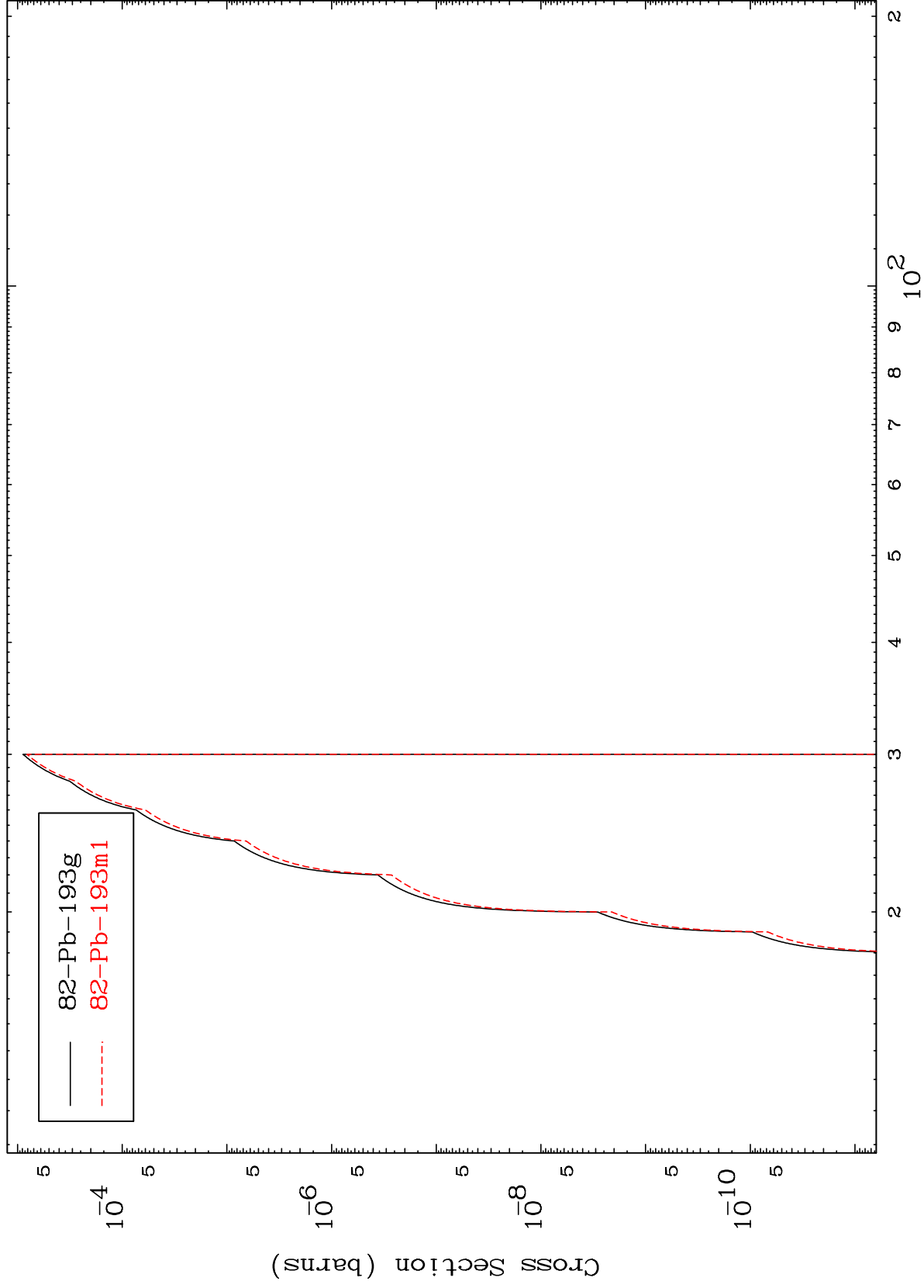
Incident Energy (MeV)

20

(n,2n) p
Radionuclide Production Cross Section



Radionuclide Production Cross Section

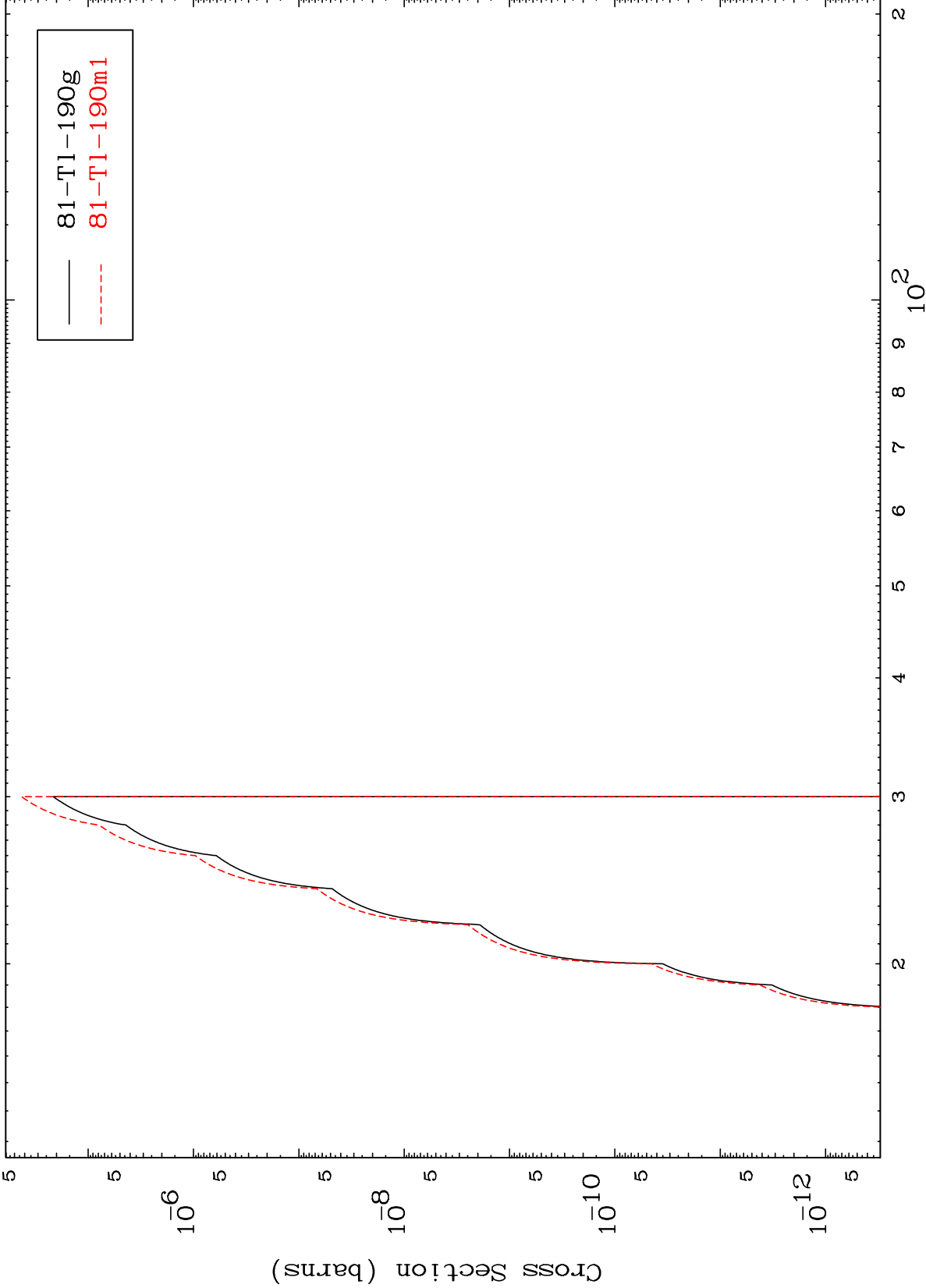


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(n,n') p α

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Radionuclide Production Cross Section



23

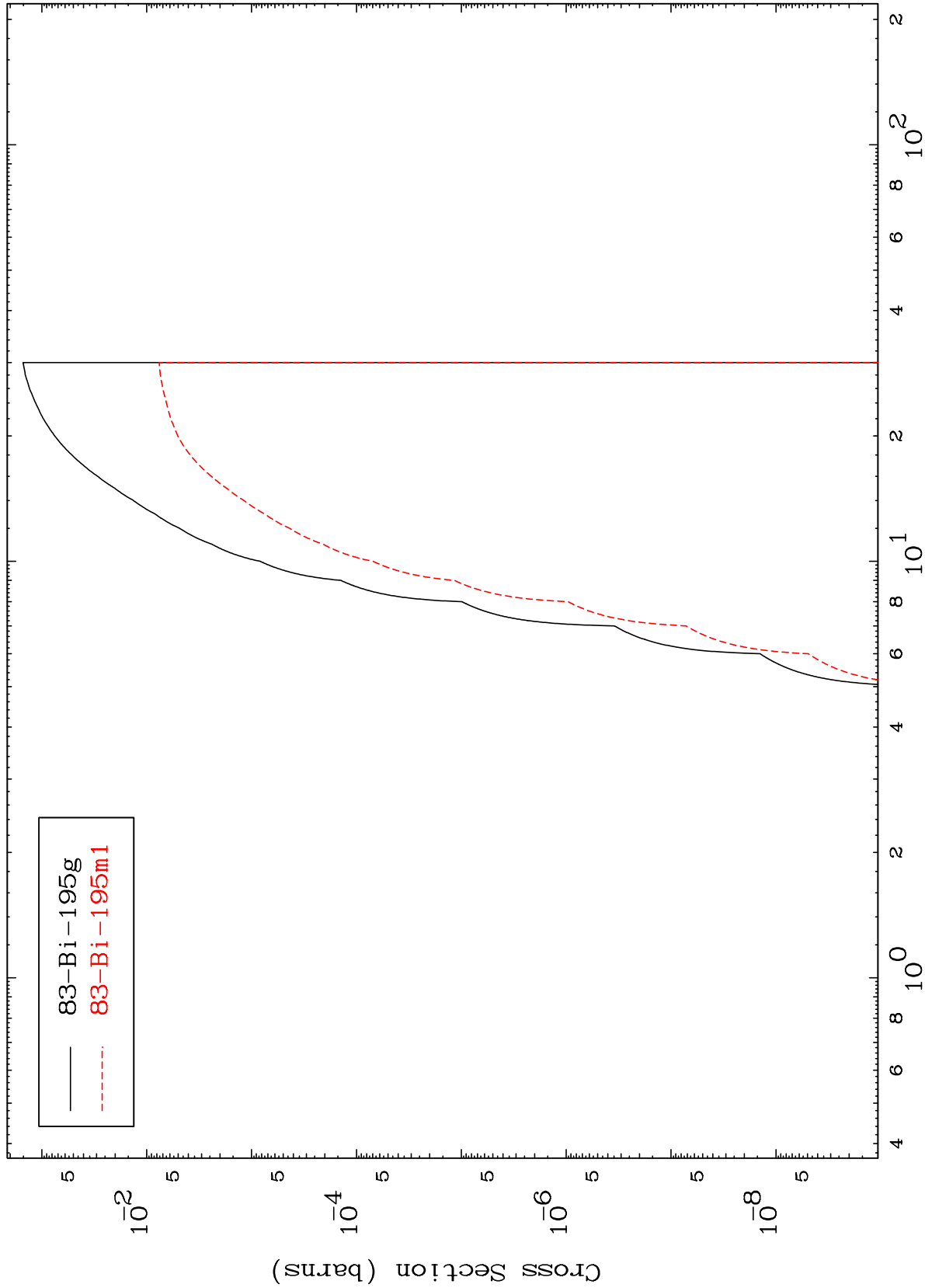
Incident Energy (MeV)

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83-Bi-195

Radionuclide Production Cross Section
(n,p)



24

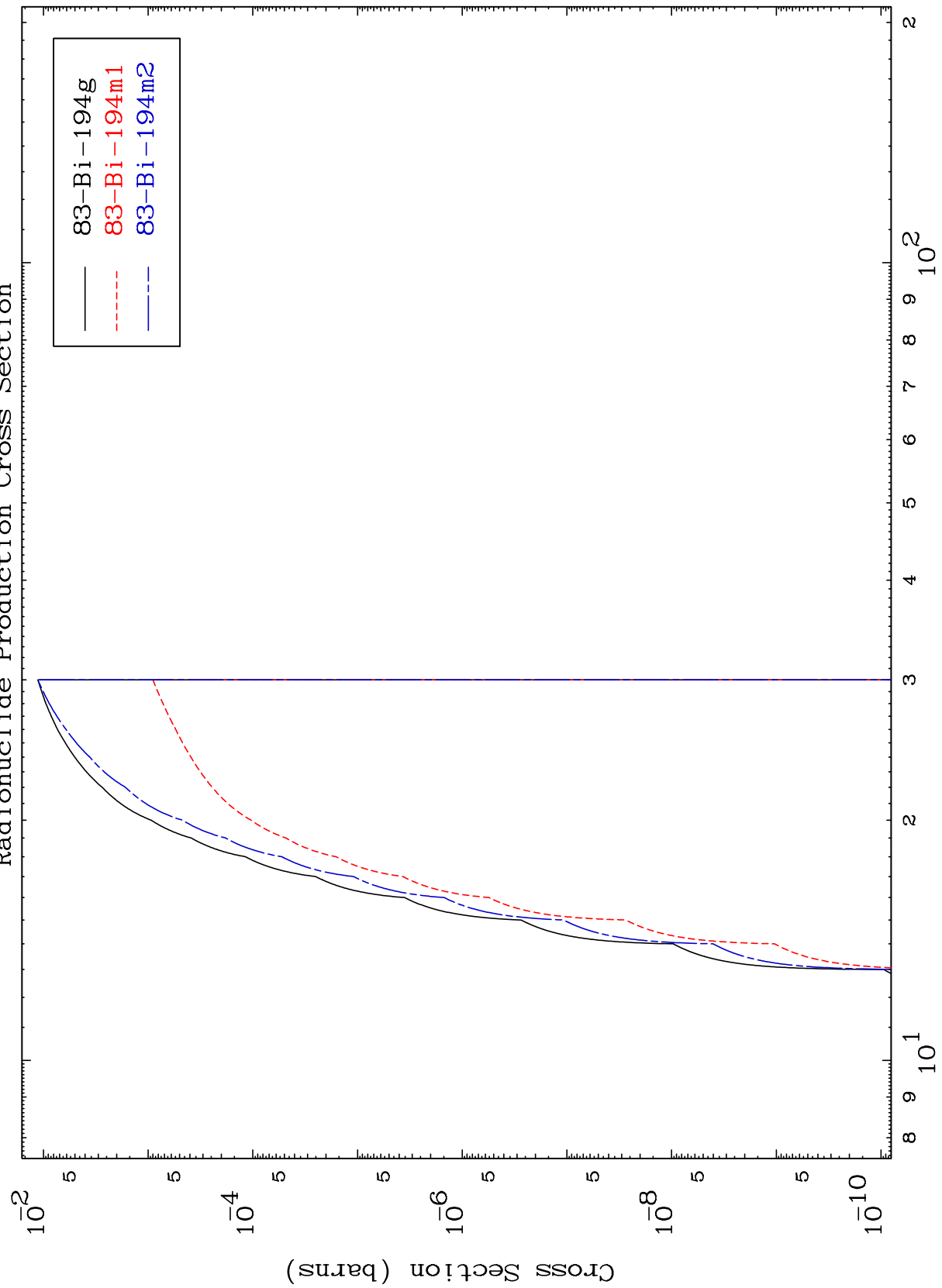
Incident Energy (MeV)

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83-Bi-195

(n,d)
Radionuclide Production Cross Section



25

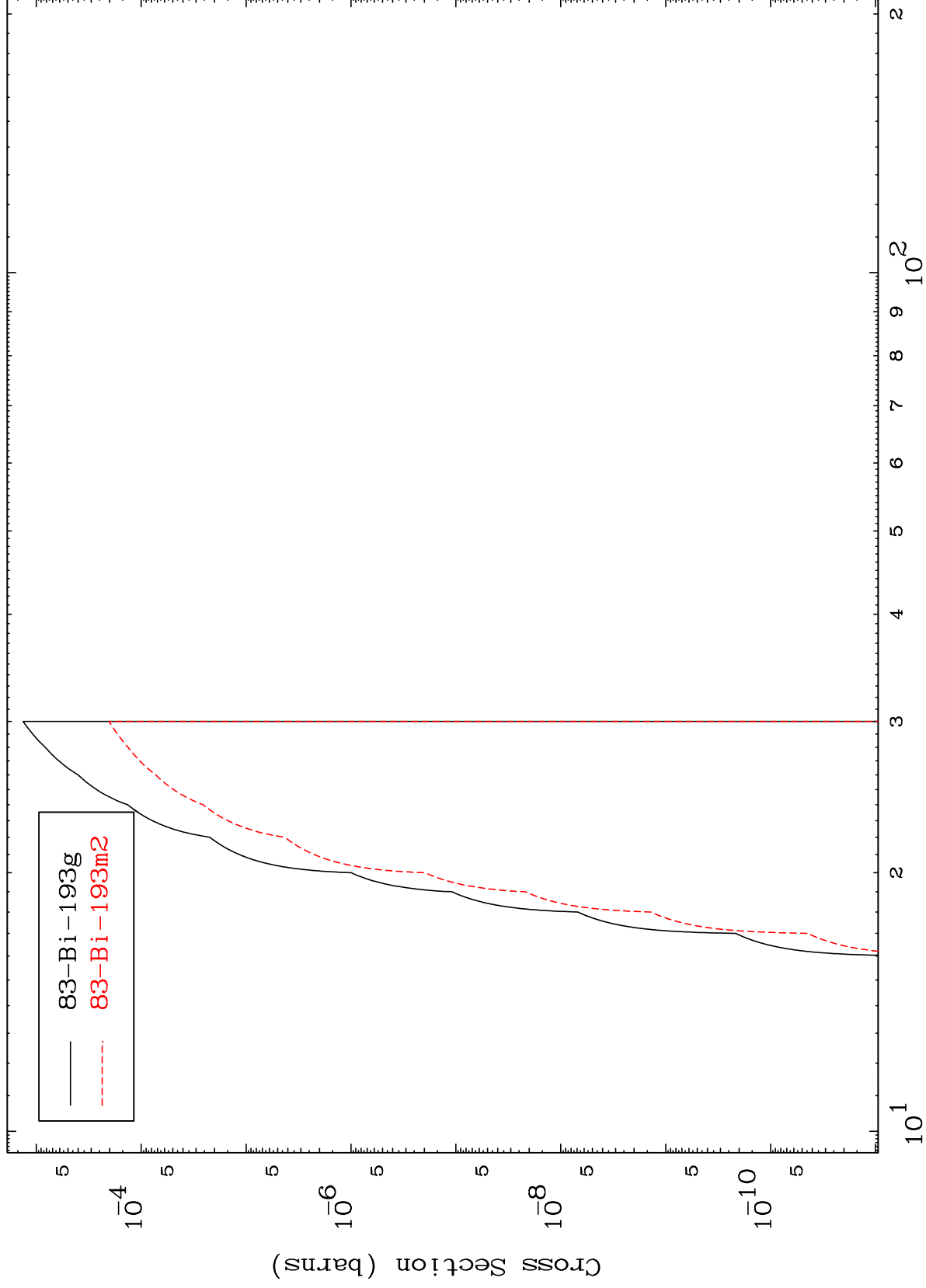
Incident Energy (MeV)

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83-Bi-195

(n,t)
Radionuclide Production Cross Section



83-Bi-195

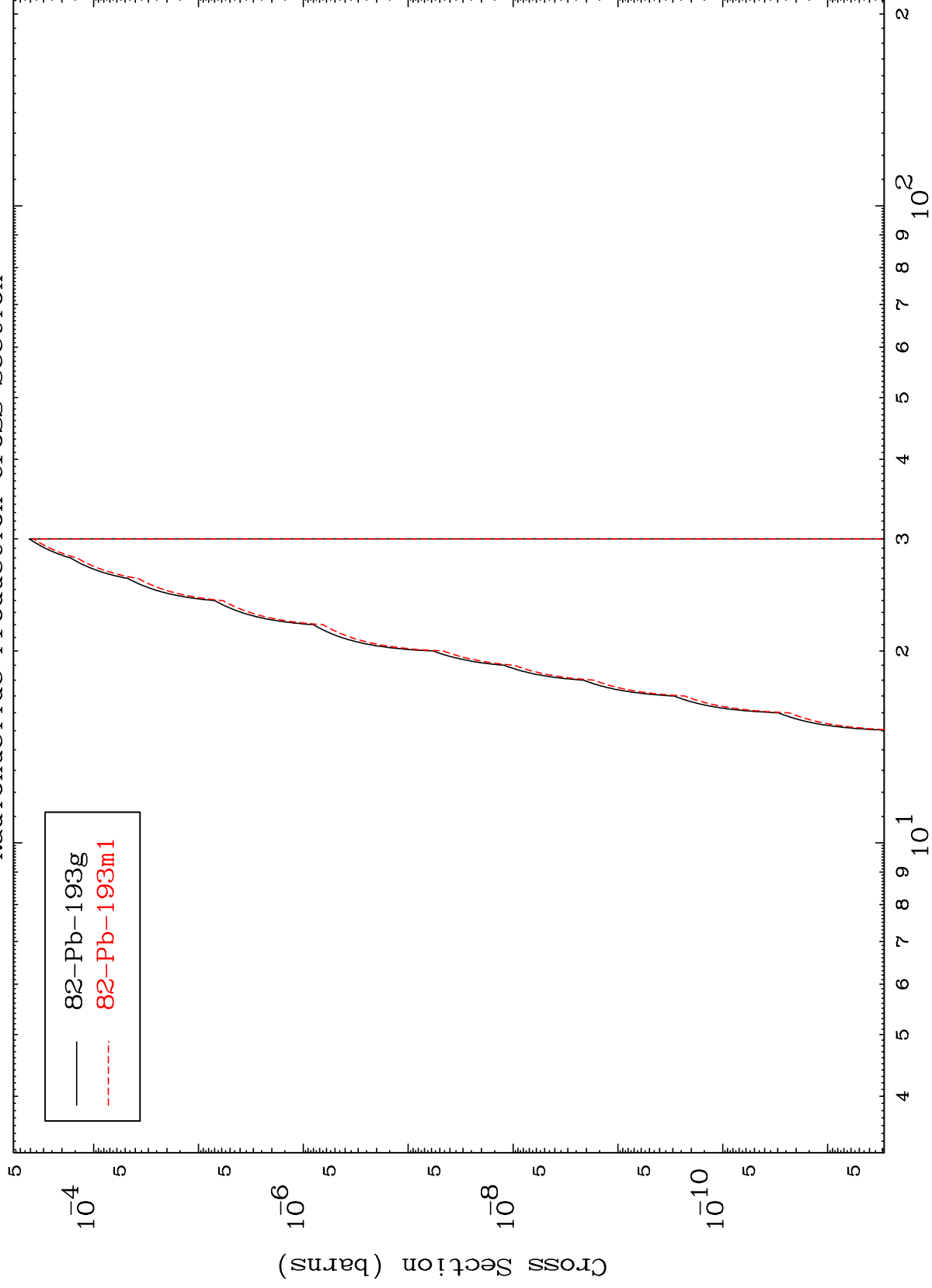
Incident Energy (MeV)

26

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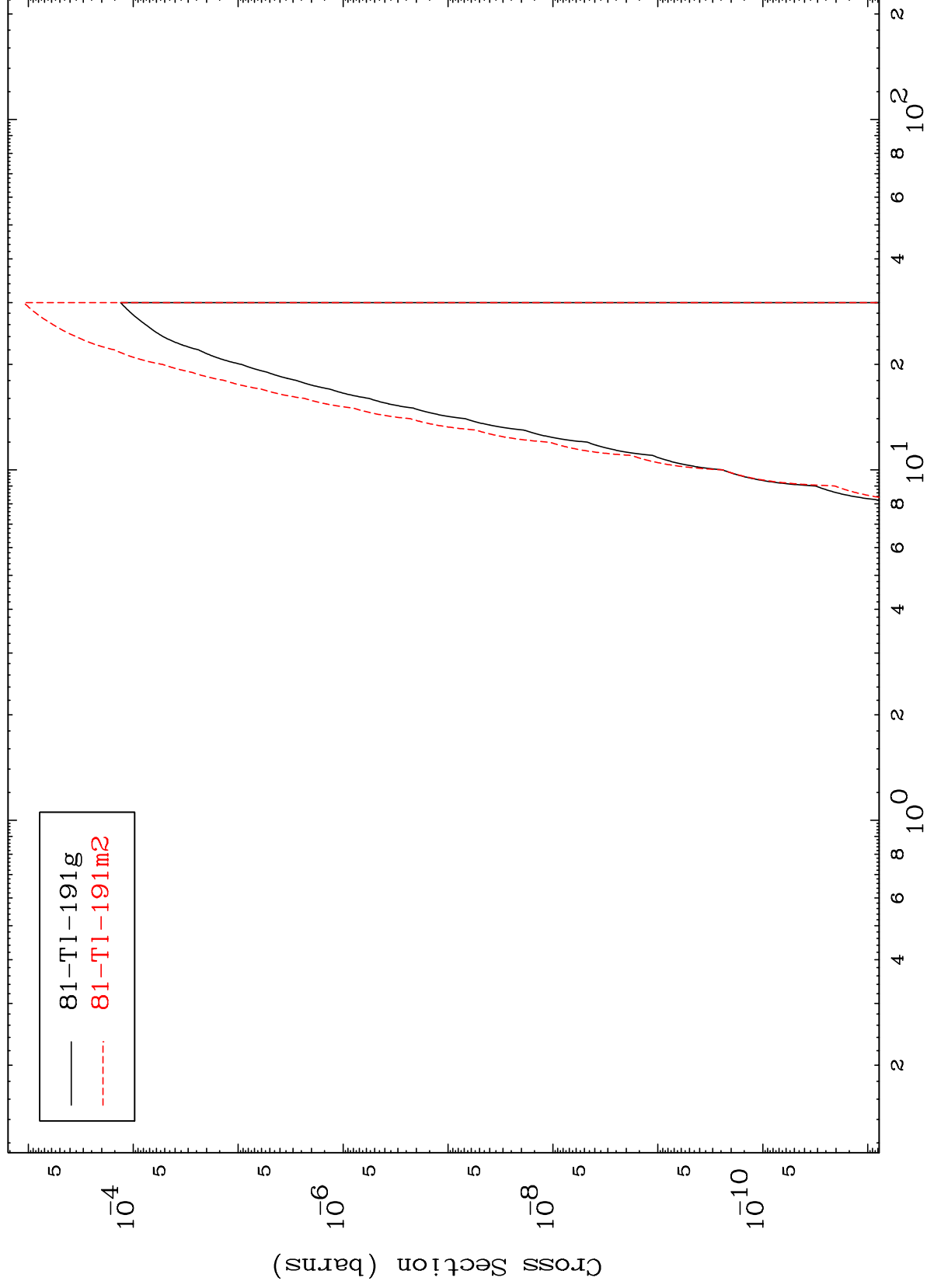
Radionuclide Production Cross Section



27

83-Bi-195

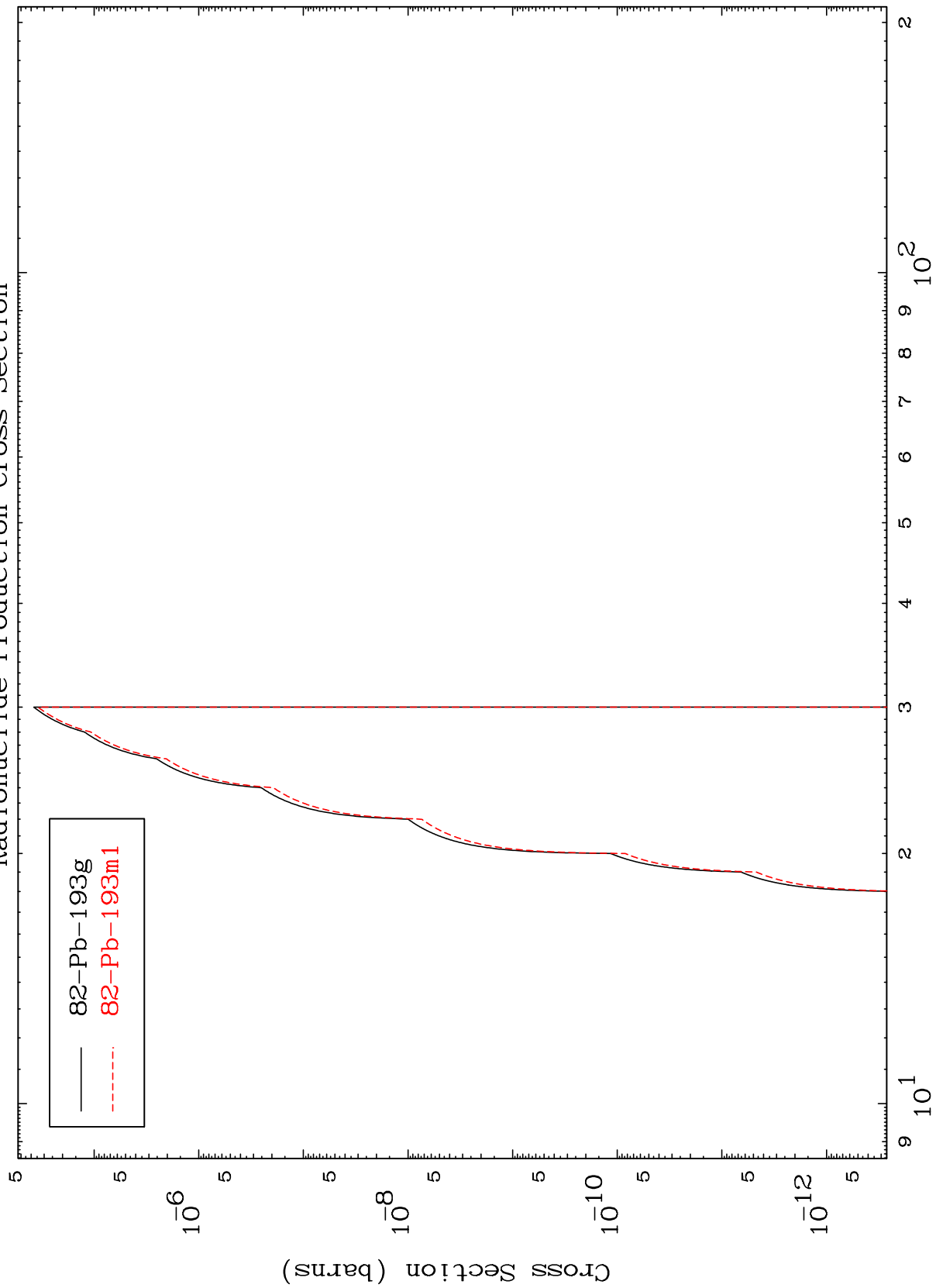
Radionuclide Production Cross Section
(n,p) α



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83-Bi-195

(n,p) d
Radionuclide Production Cross Section



83-Bi-195

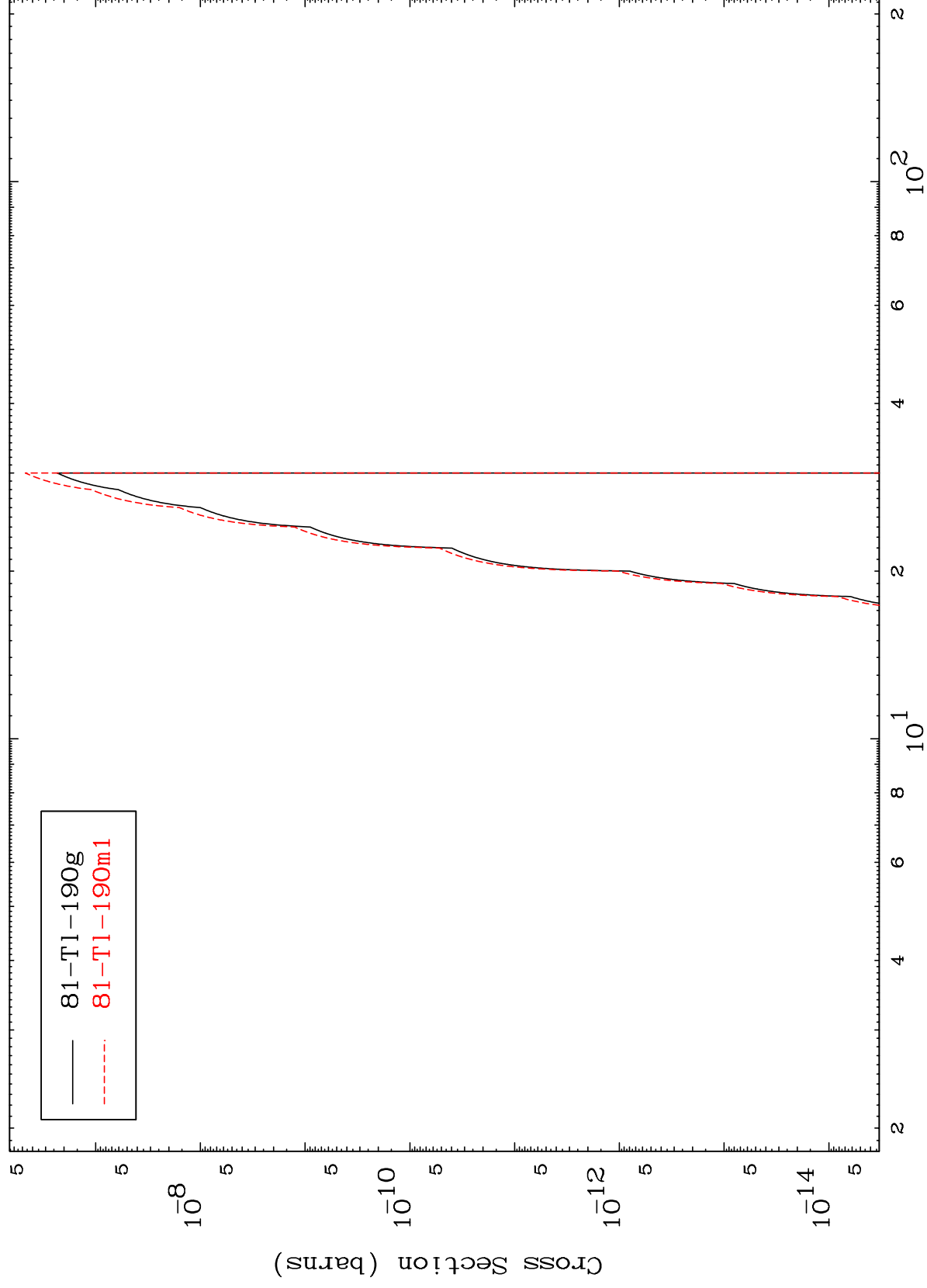
Incident Energy (MeV)

29

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83-Bi-195

(n,d) α
Radionuclide Production Cross Section



83-Bi-195

Incident Energy (MeV)

30