

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

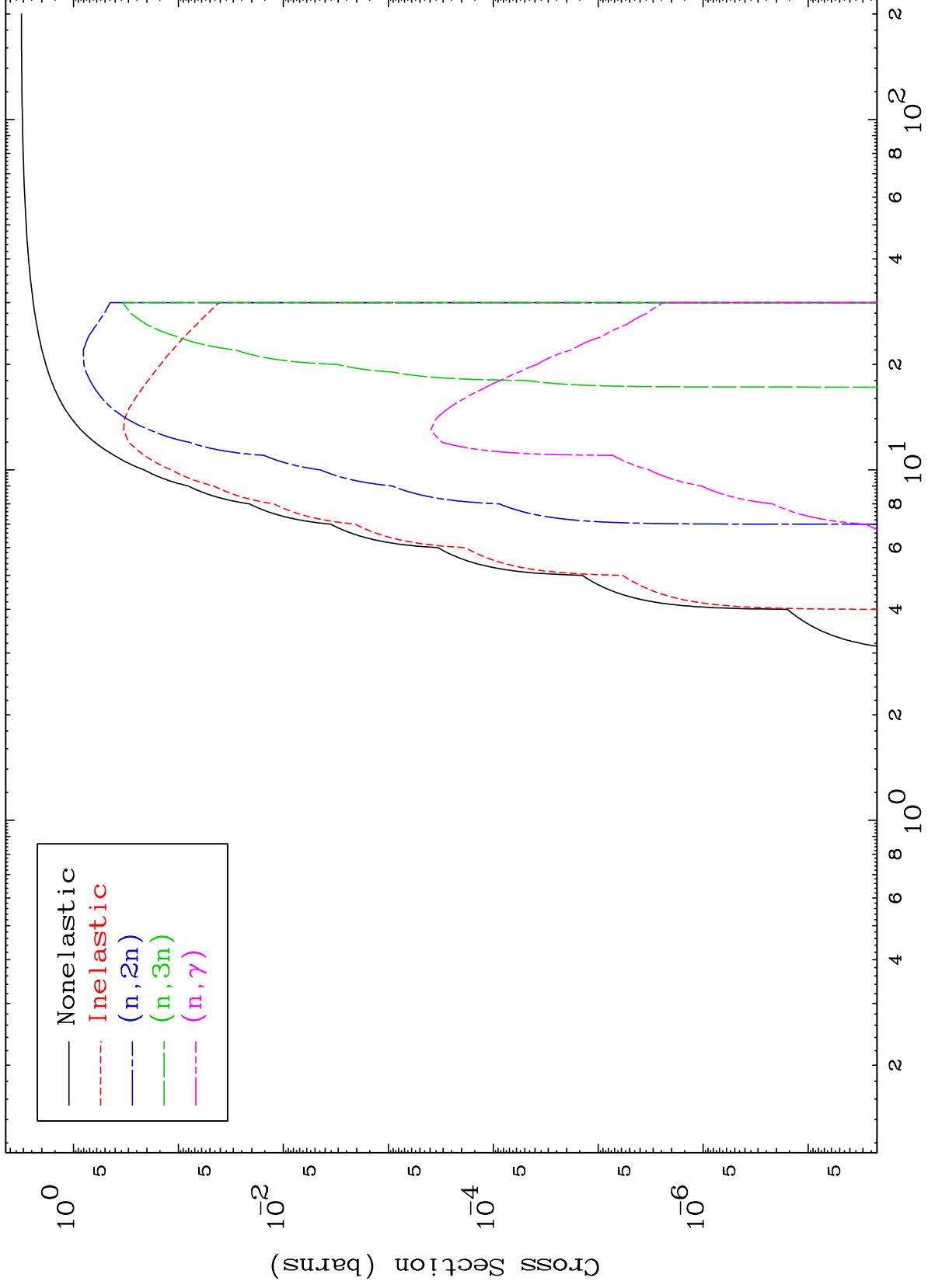
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

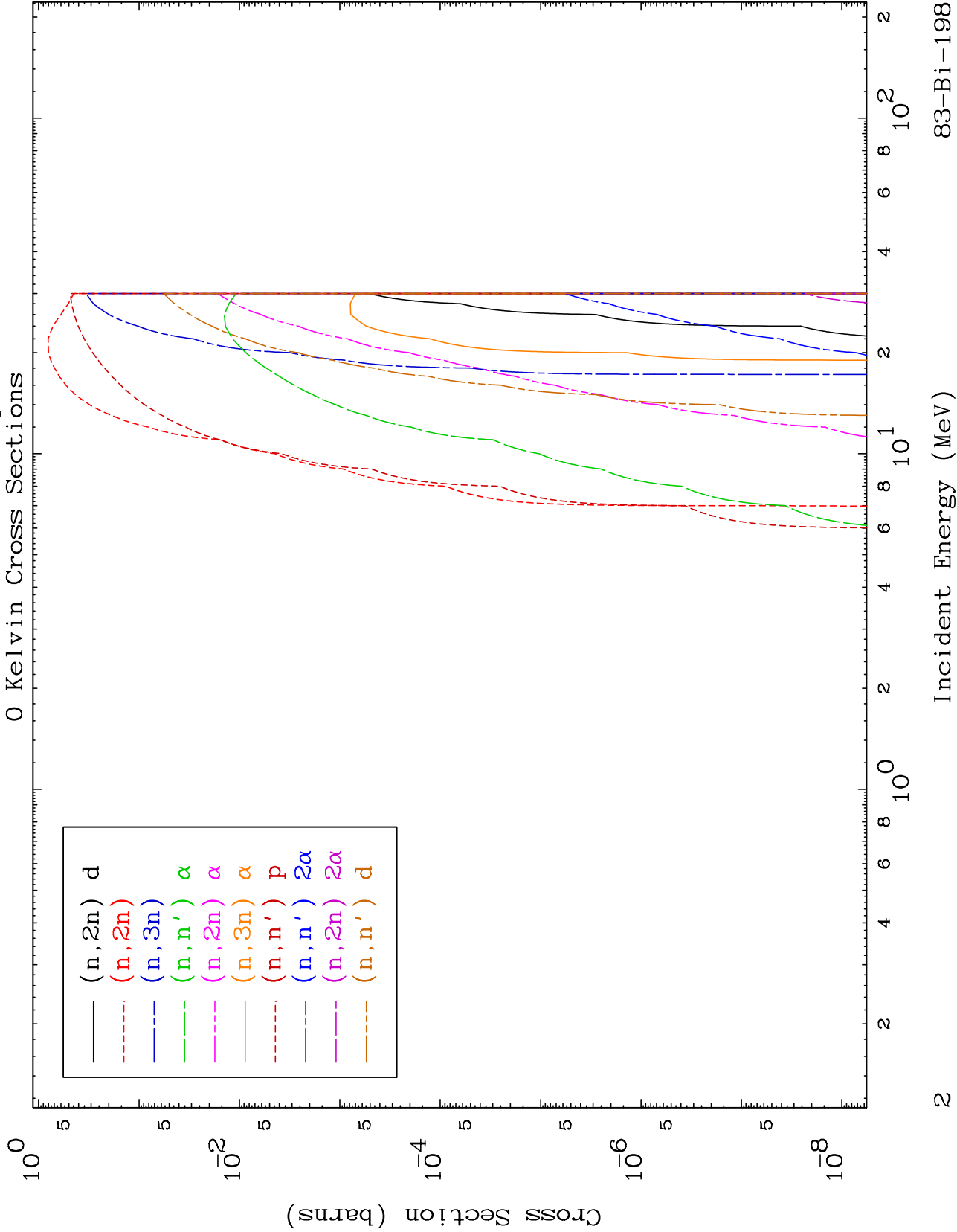
Tele: 925-443-1911

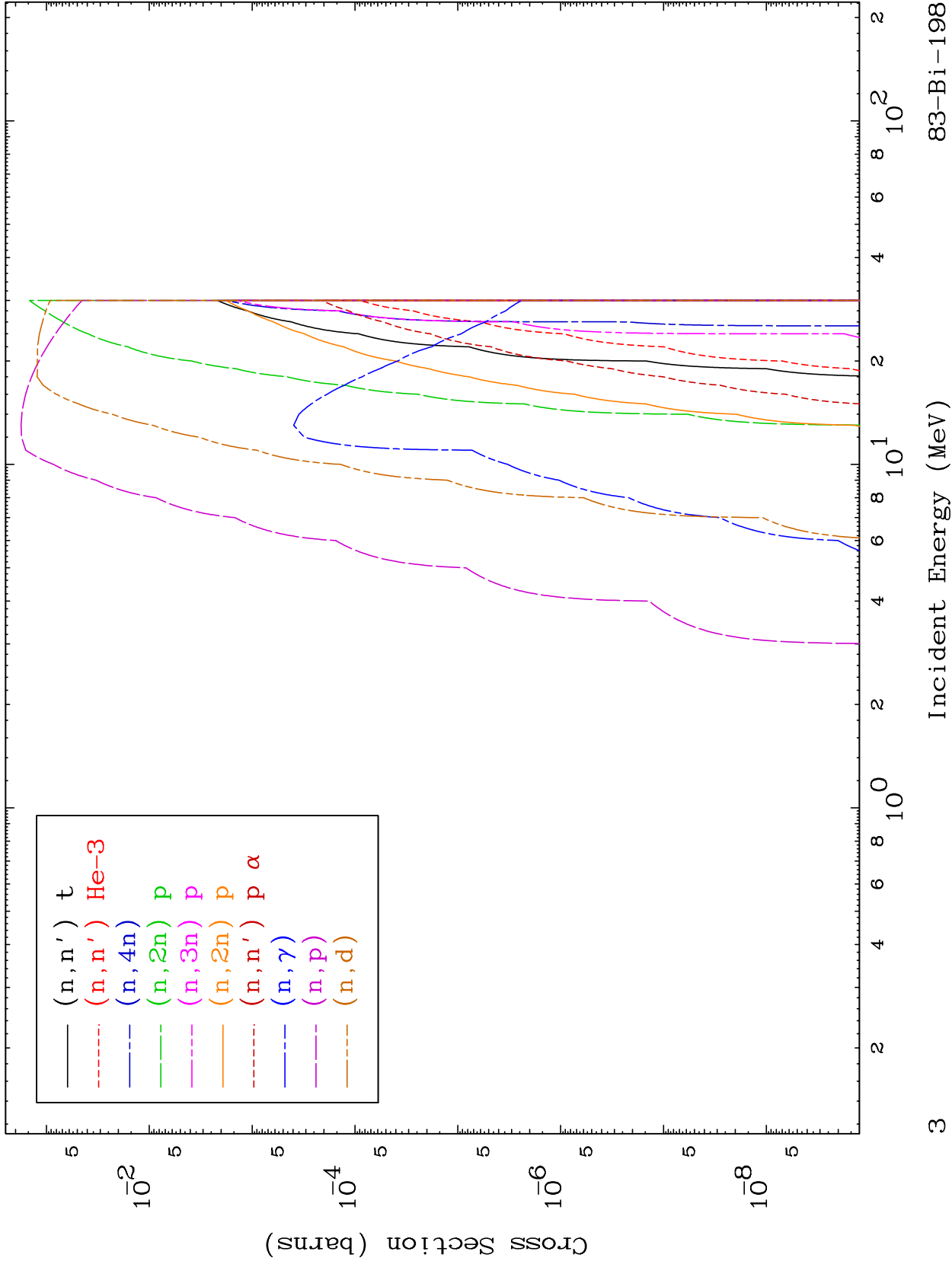
E.Mail:redcullen1@comcast.net

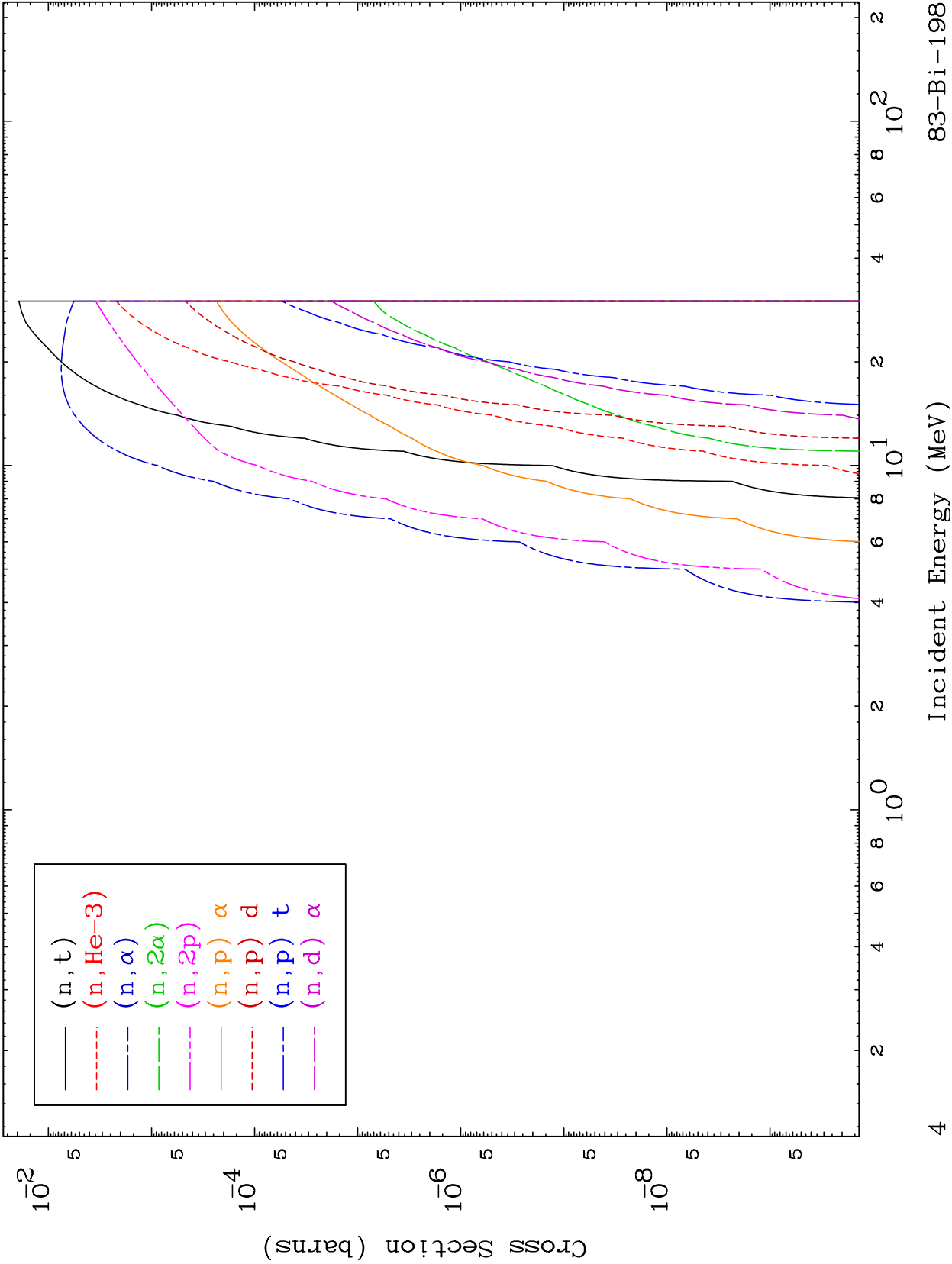
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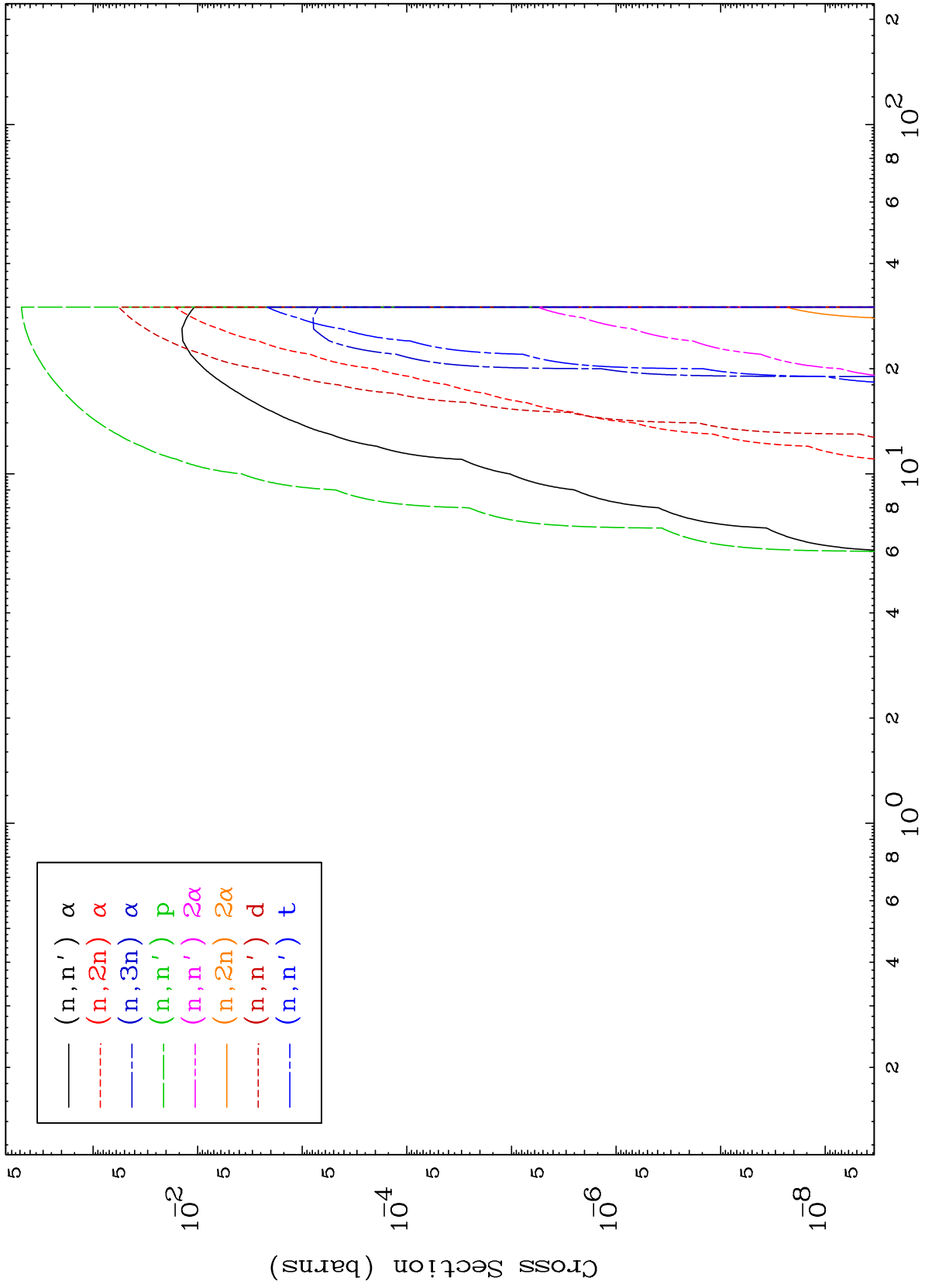
Press Mouse Button to Start

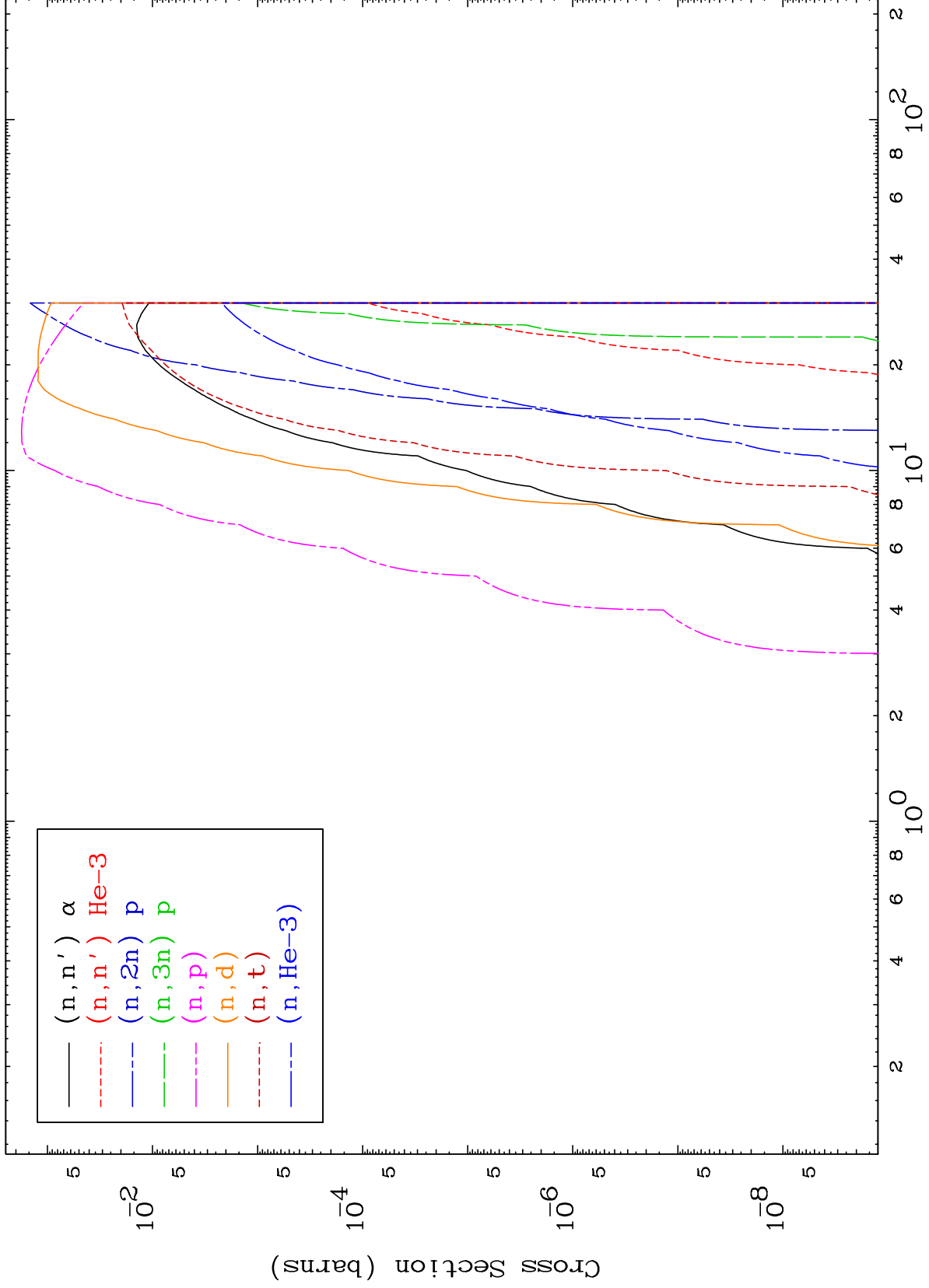


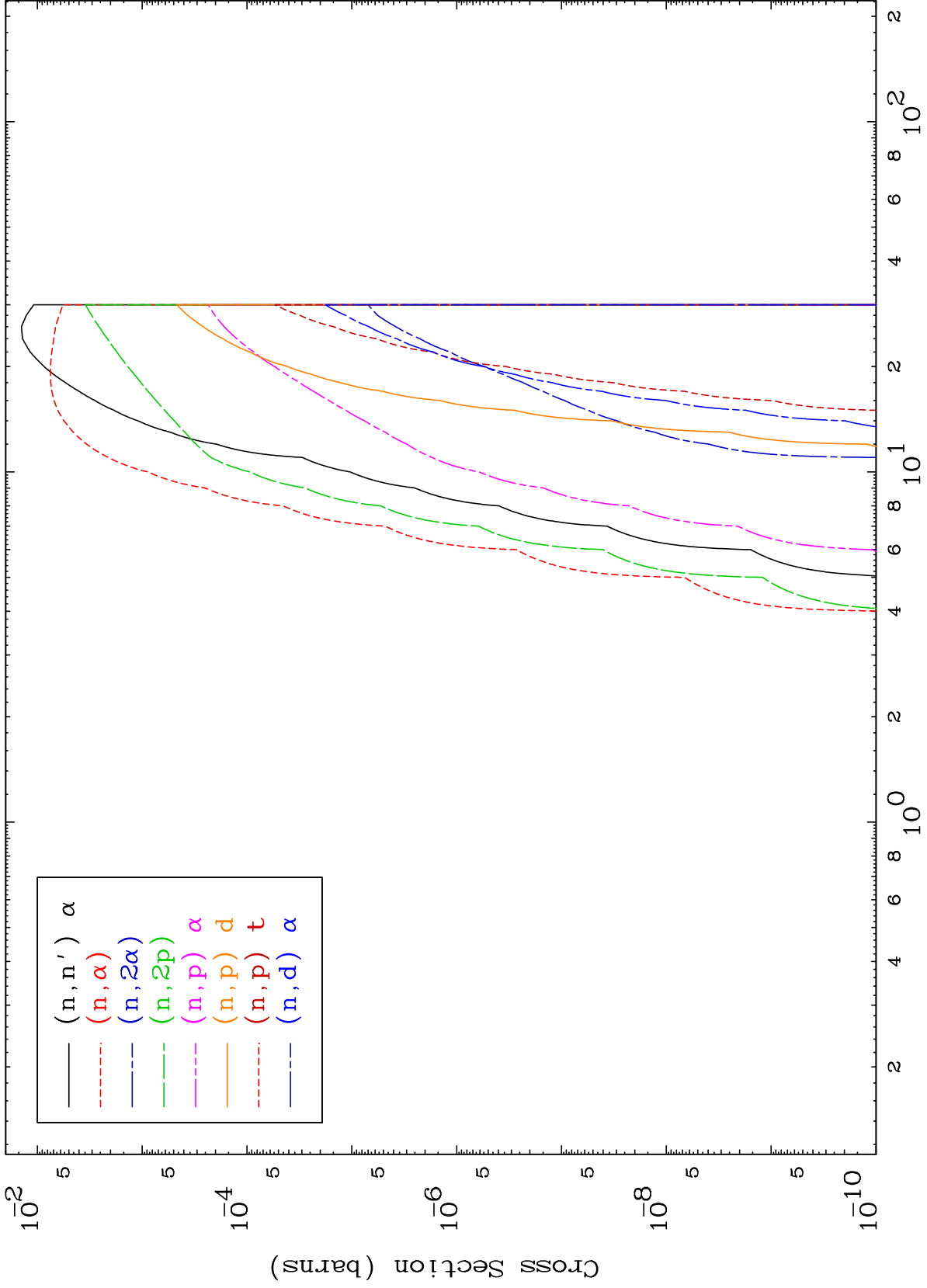










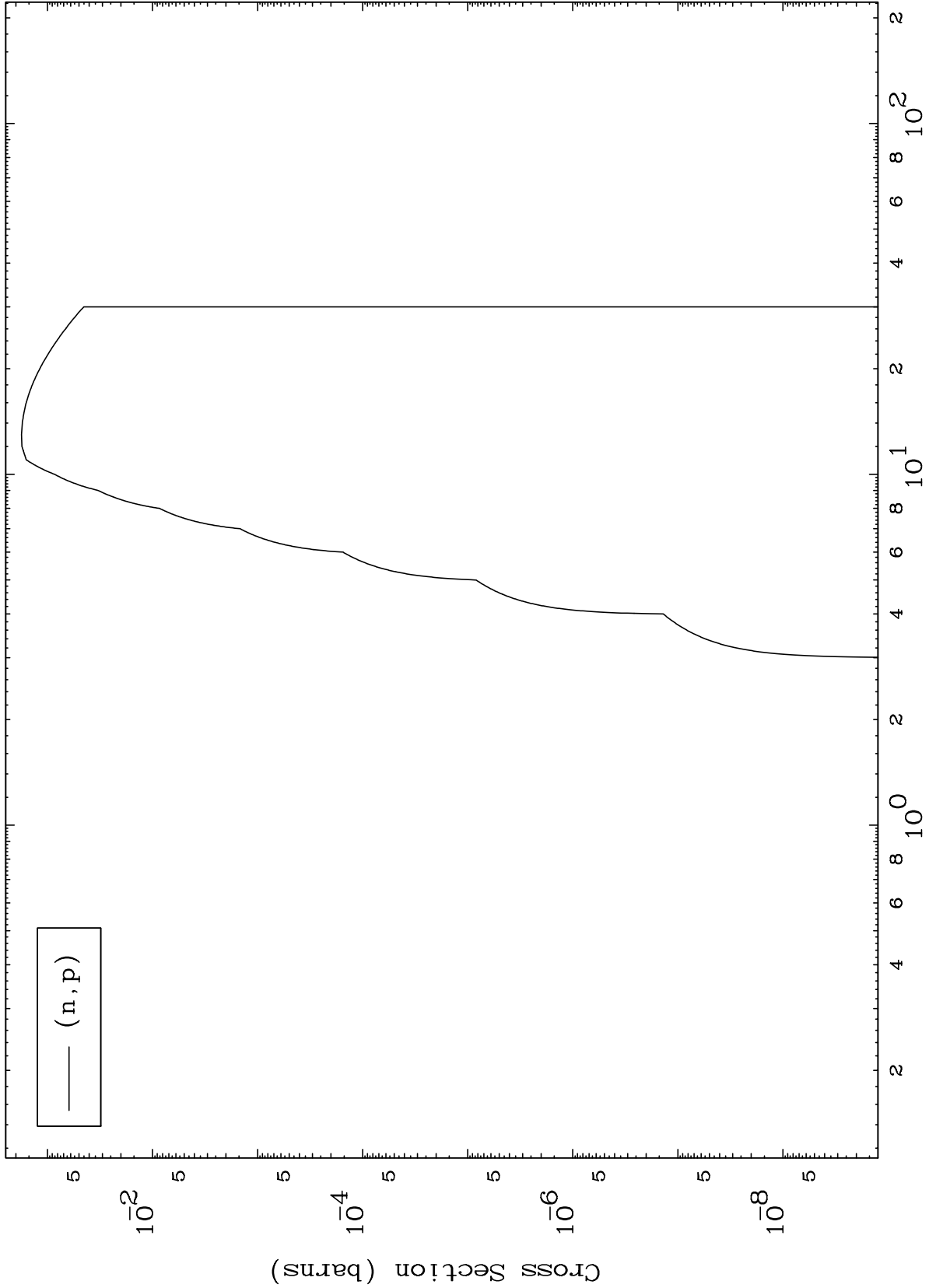


MAT 8292

(d,p) Levels

83-Bi-198

0 Kelvin Cross Sections

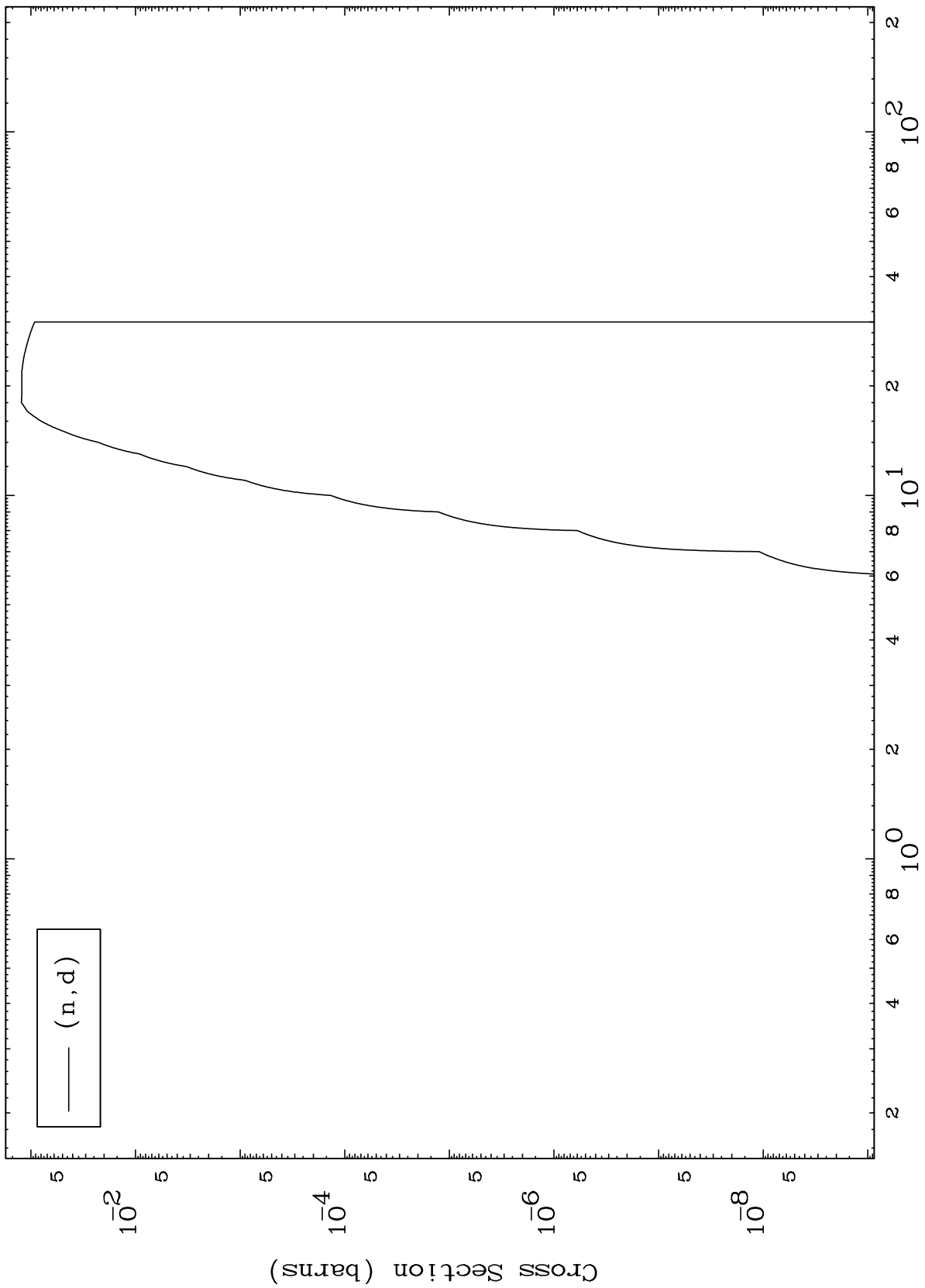


MAT 8292

(d,d) Levels

83-Bi-198

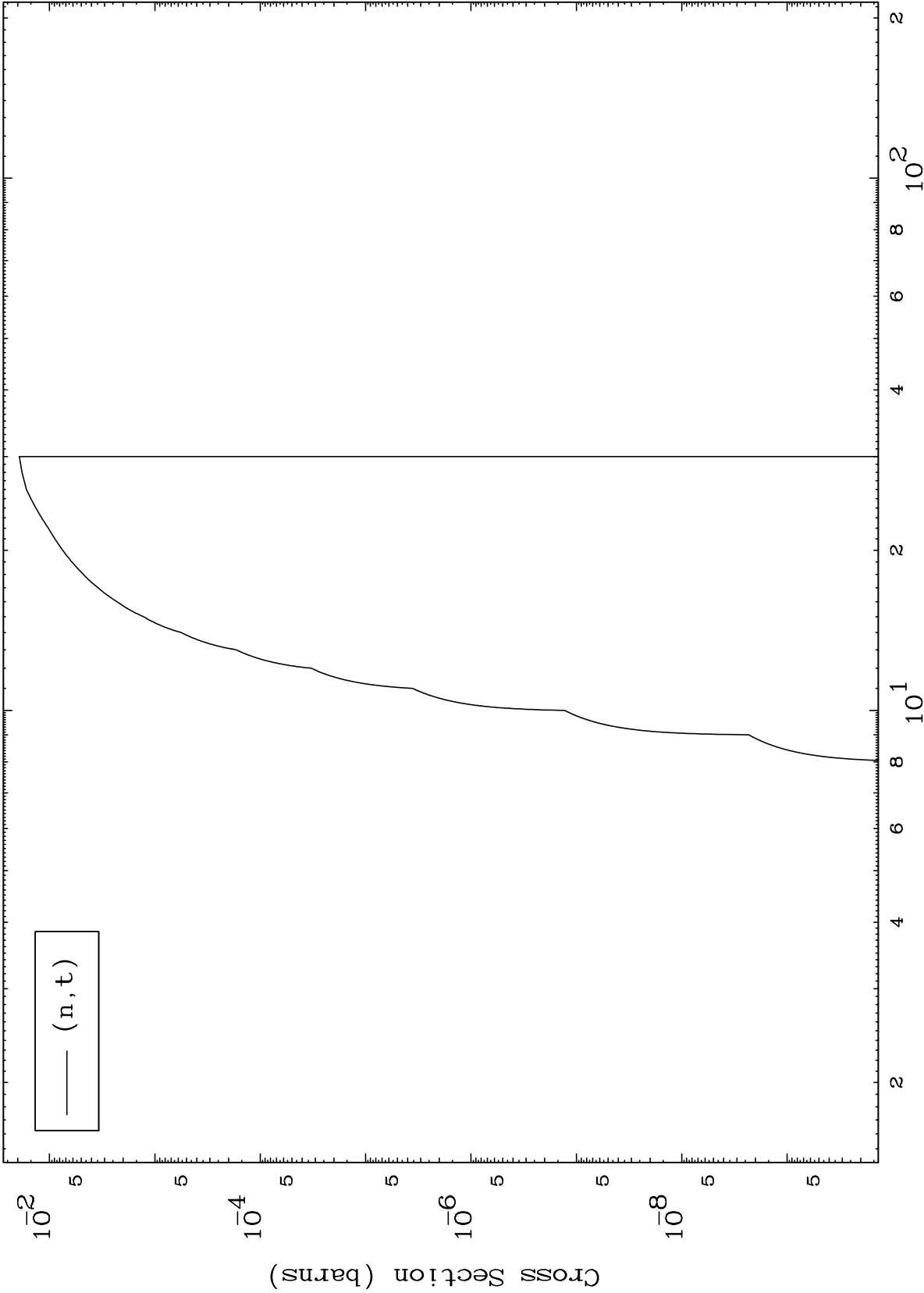
0 Kelvin Cross Sections



MAT 8292

83-Bi-198

(d,t) Levels
0 Kelvin Cross Sections



83-Bi-198

Incident Energy (MeV)

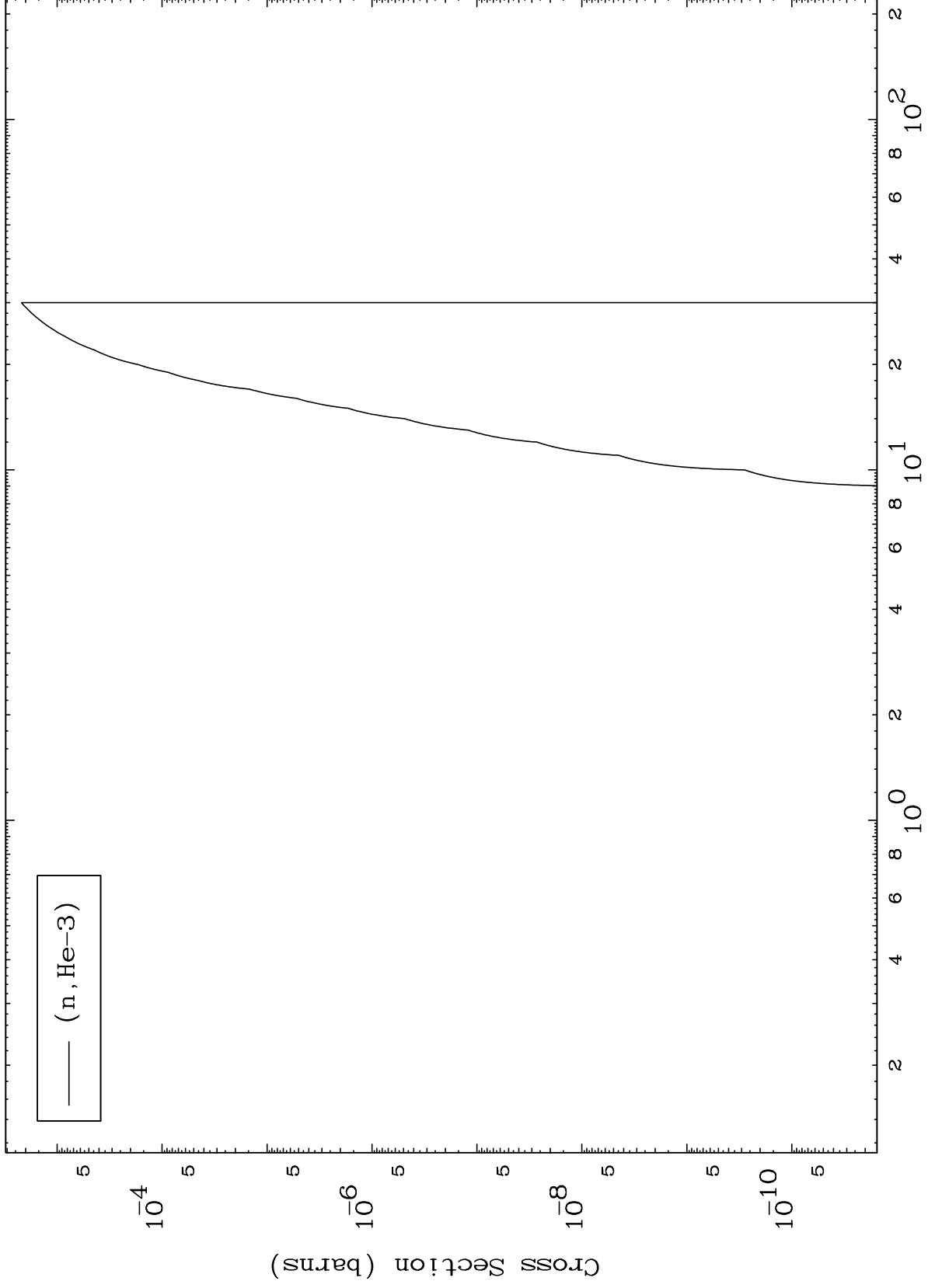
10

MAT 8292

(d,He3) Levels

83-Bi-198

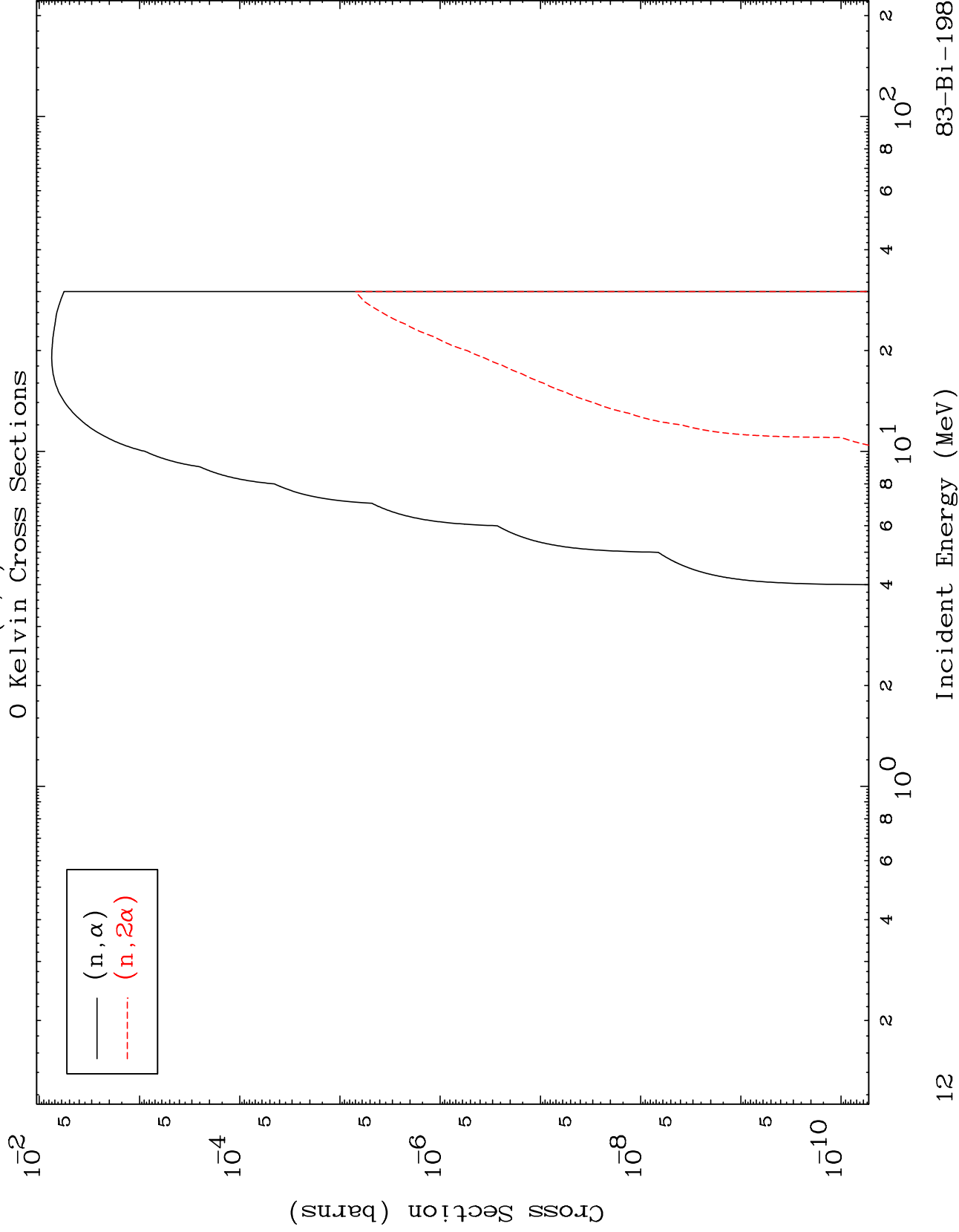
0 Kelvin Cross Sections



MAT 8292

(d, α) Levels

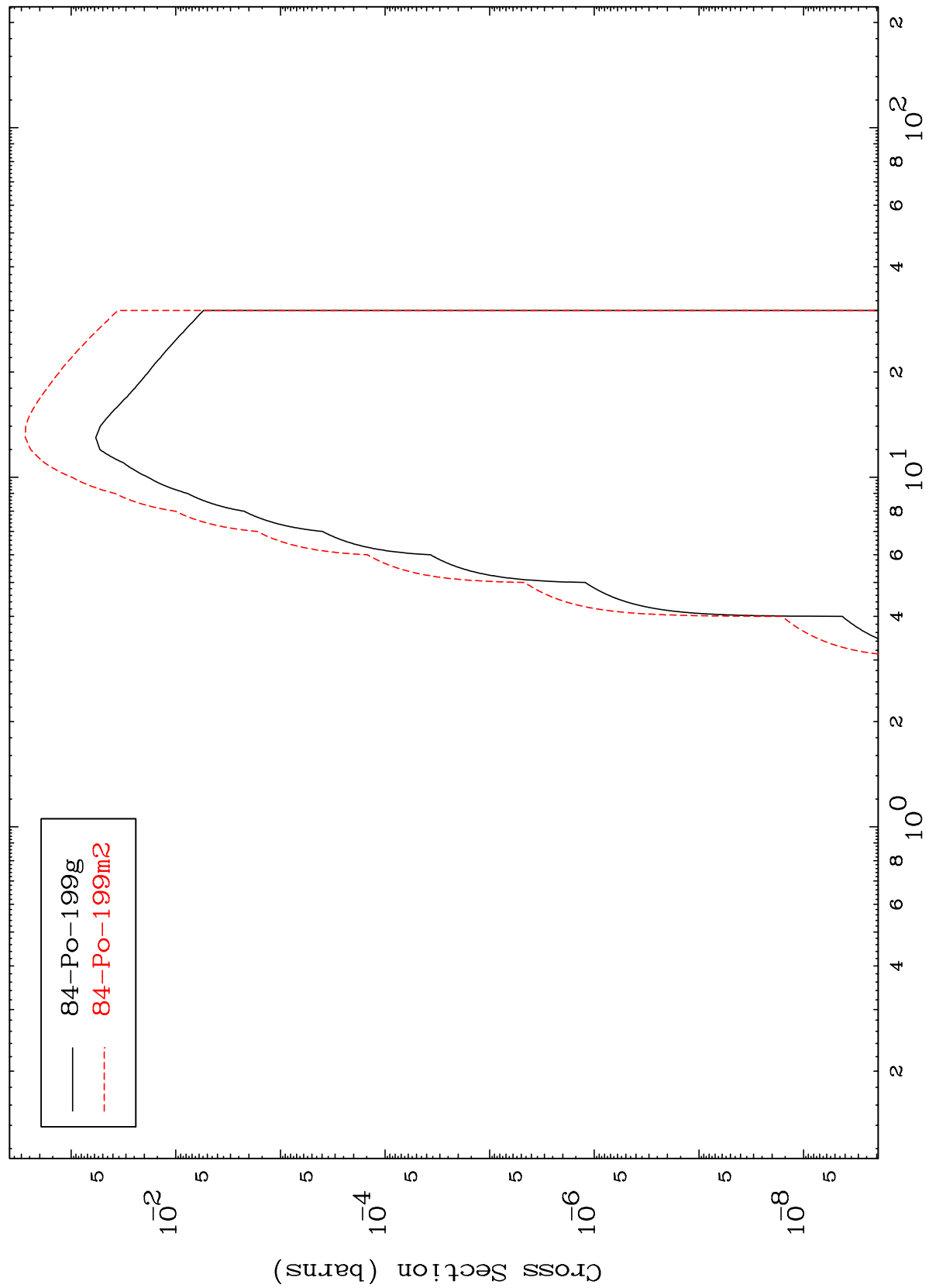
83-Bi-198



MAT 8292

83-Bi-198

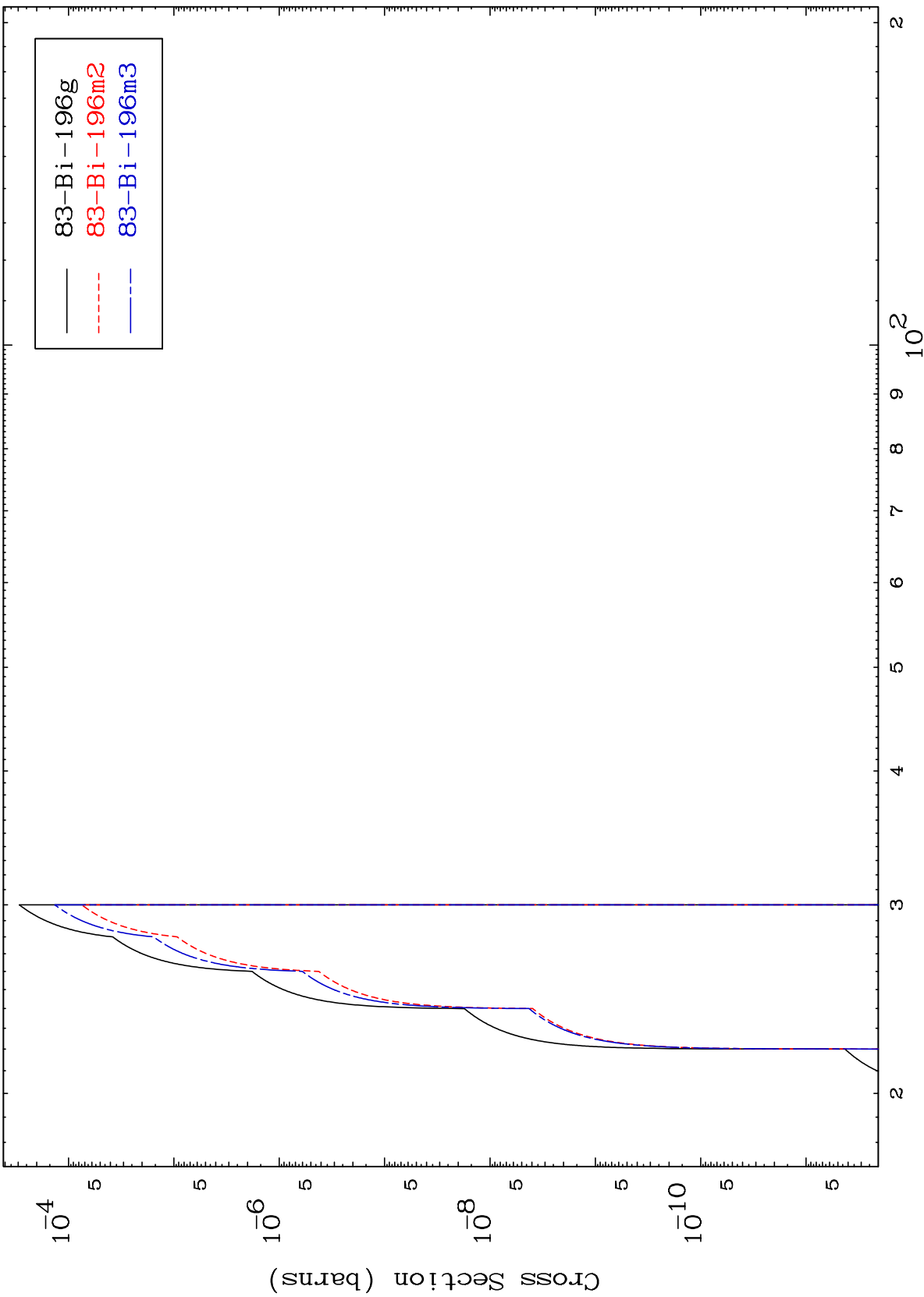
Radionuclide Production Cross Section



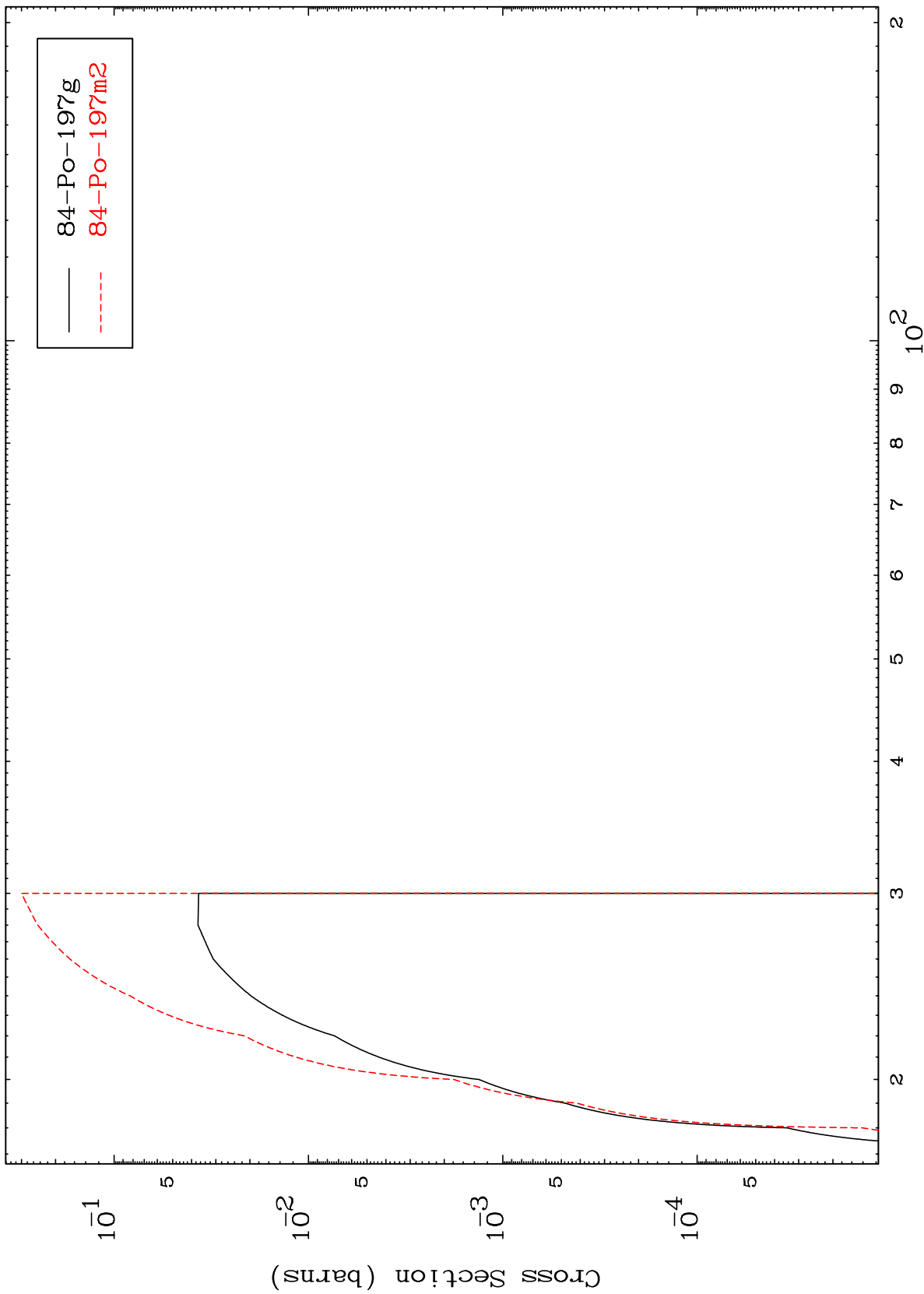
83-Bi-198

Incident Energy (MeV)

Radionuclide Production Cross Section



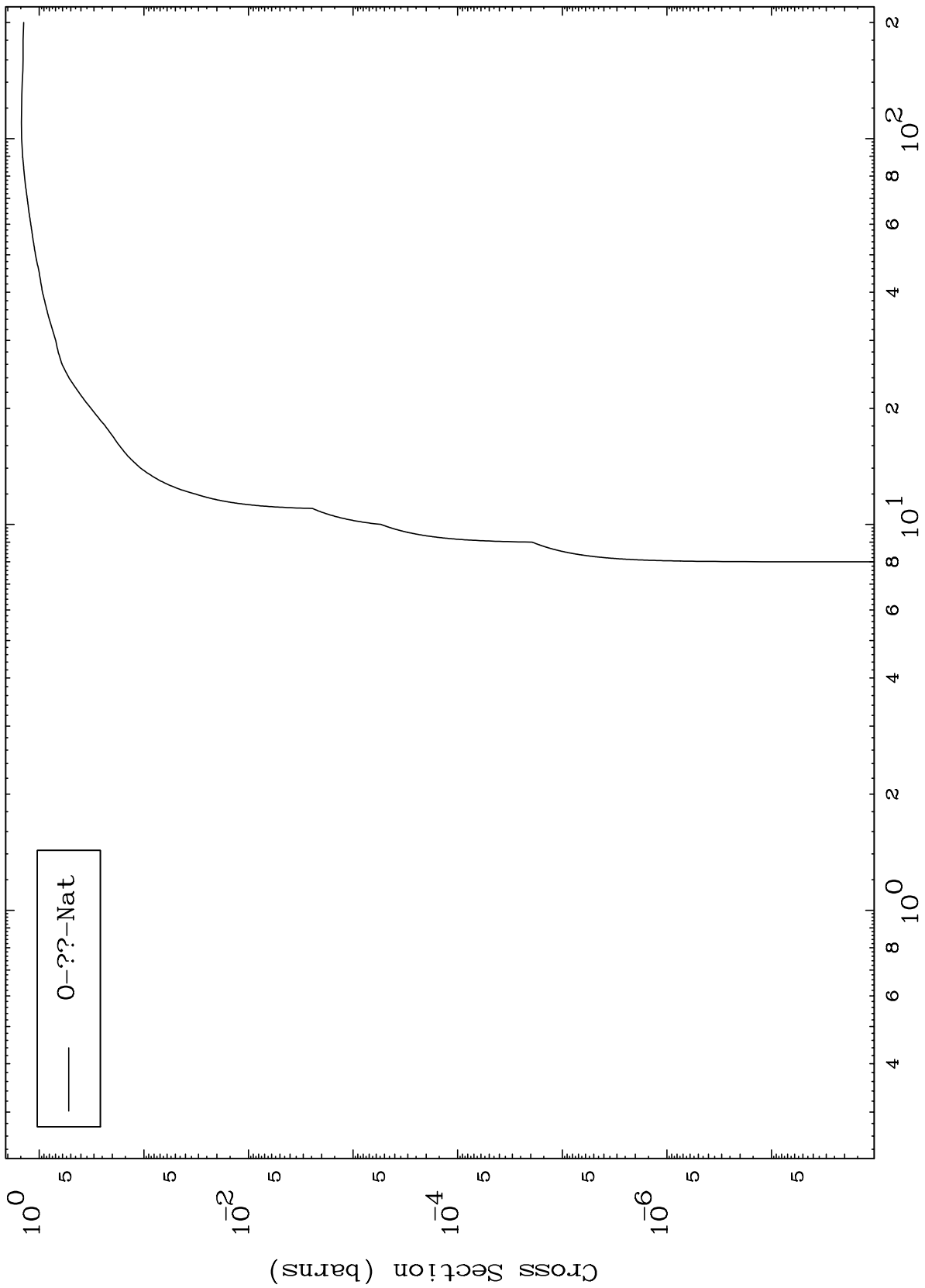
(n,3n)
Radionuclide Production Cross Section



MAT 8292

83-Bi-198

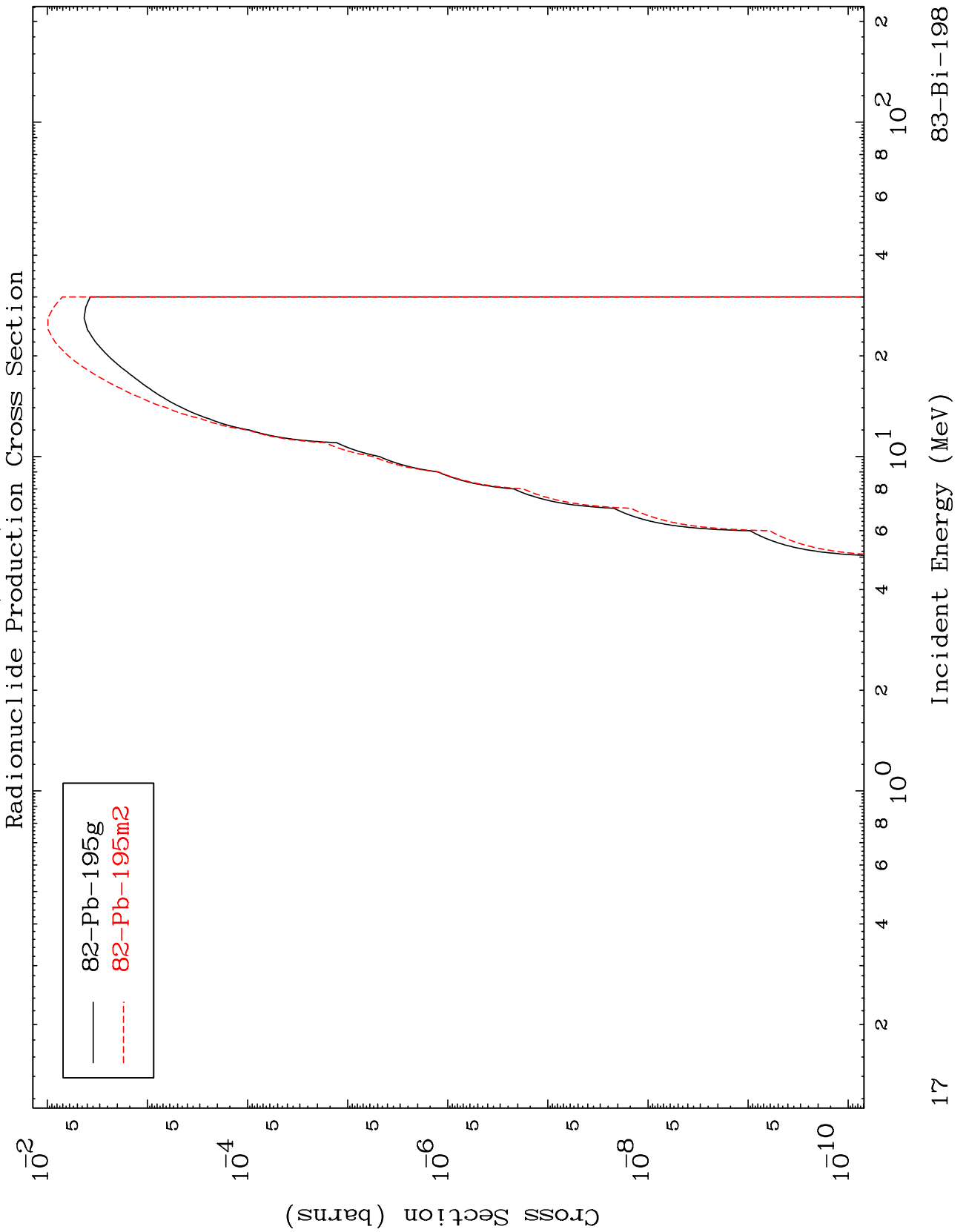
Fission
Radionuclide Production Cross Section

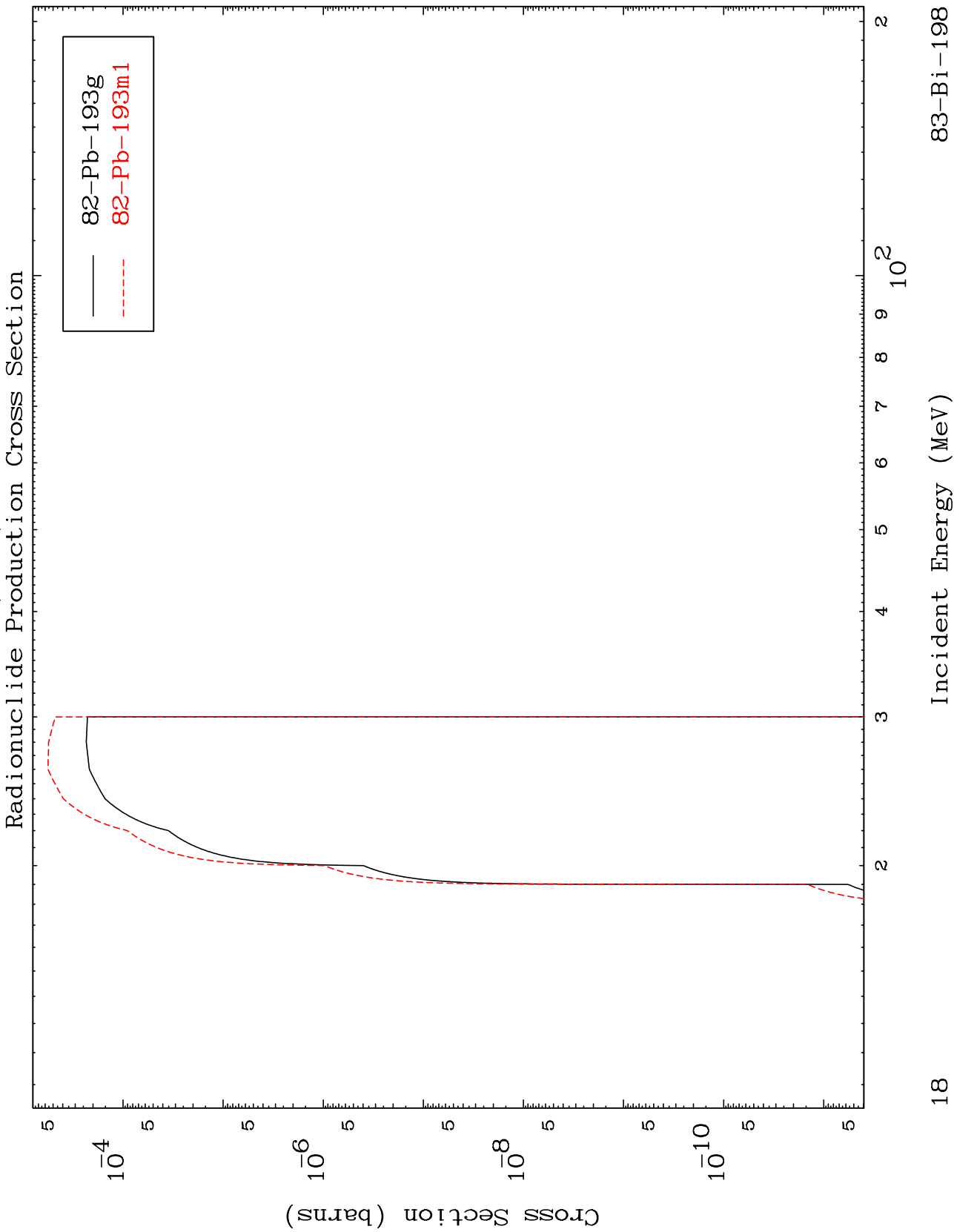


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$(n, n') \alpha$

83-Bi-198

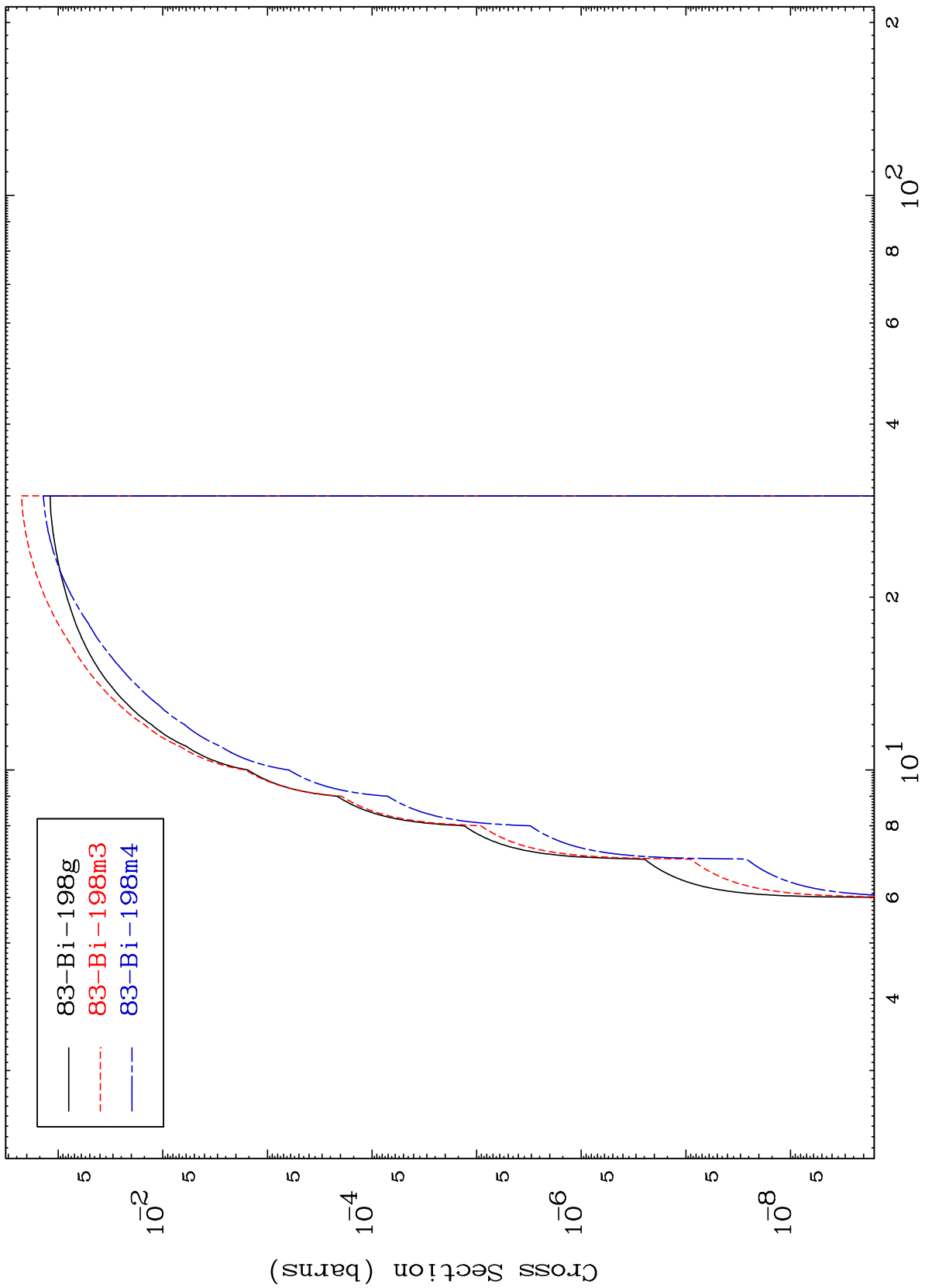




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83-Bi-198

(n,n') p
Radionuclide Production Cross Section

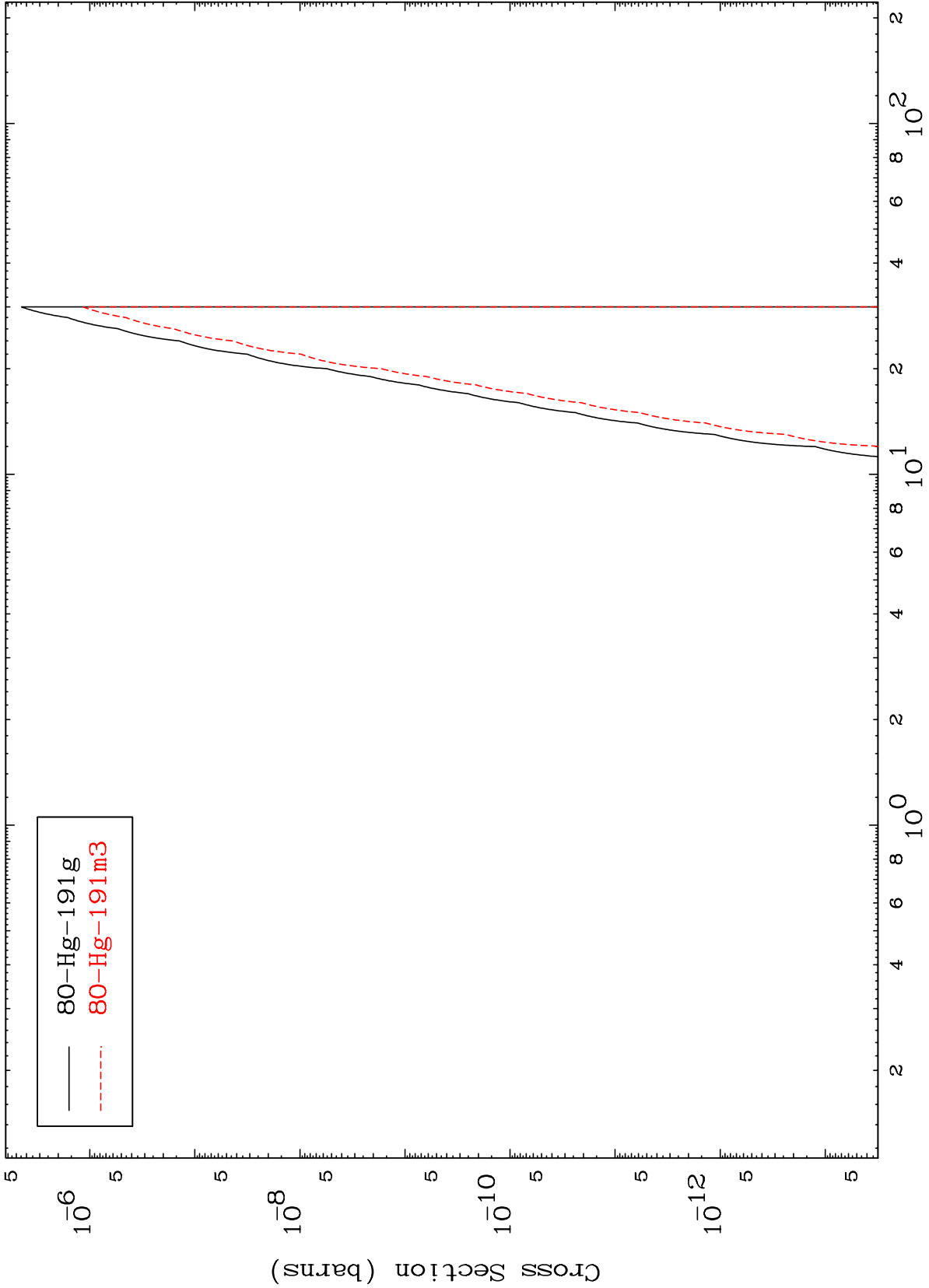


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(n,n') 2α

83-Bi-198

Radionuclide Production Cross Section



20

Incident Energy (MeV)

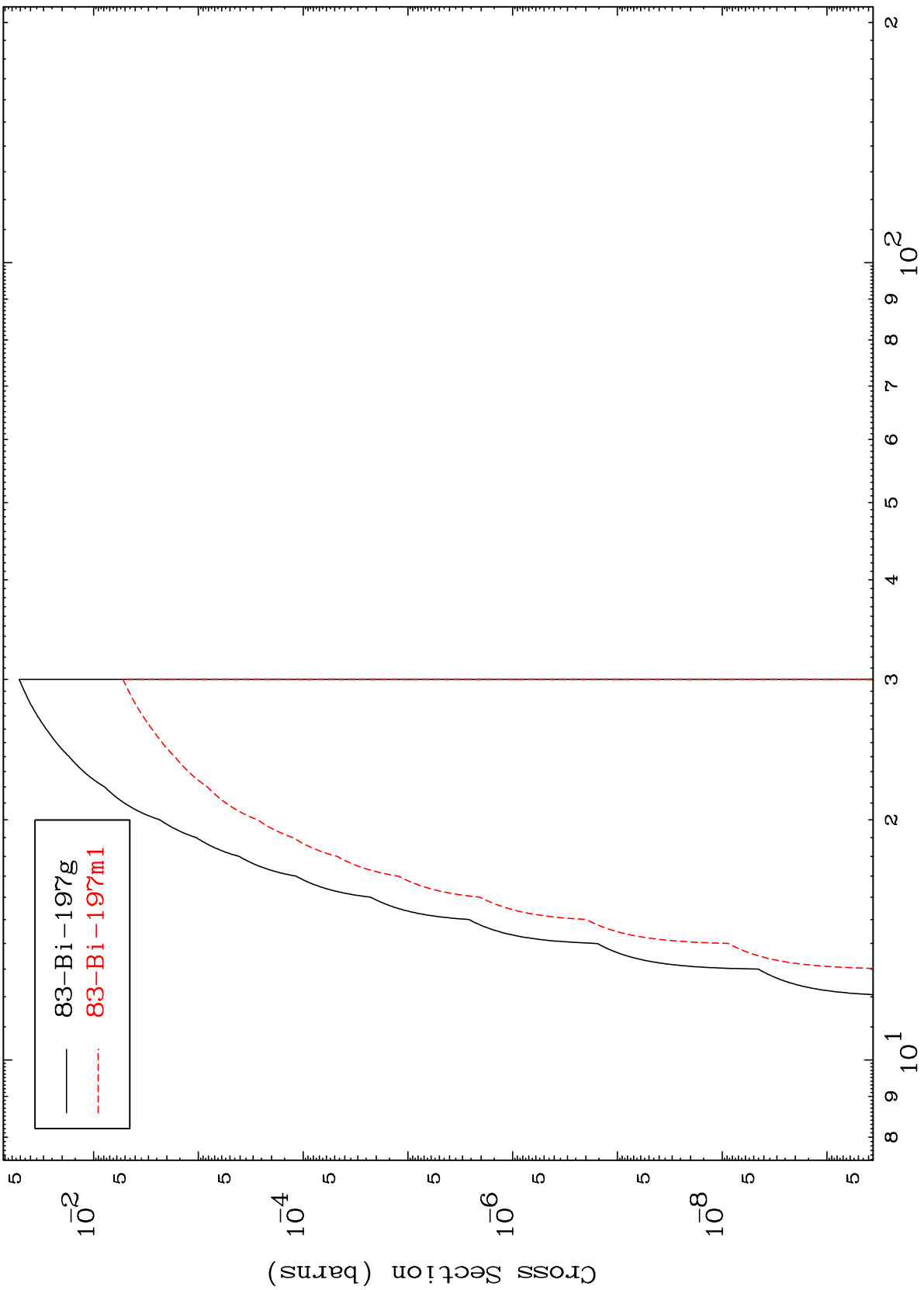
83-Bi-198

MAT 8292

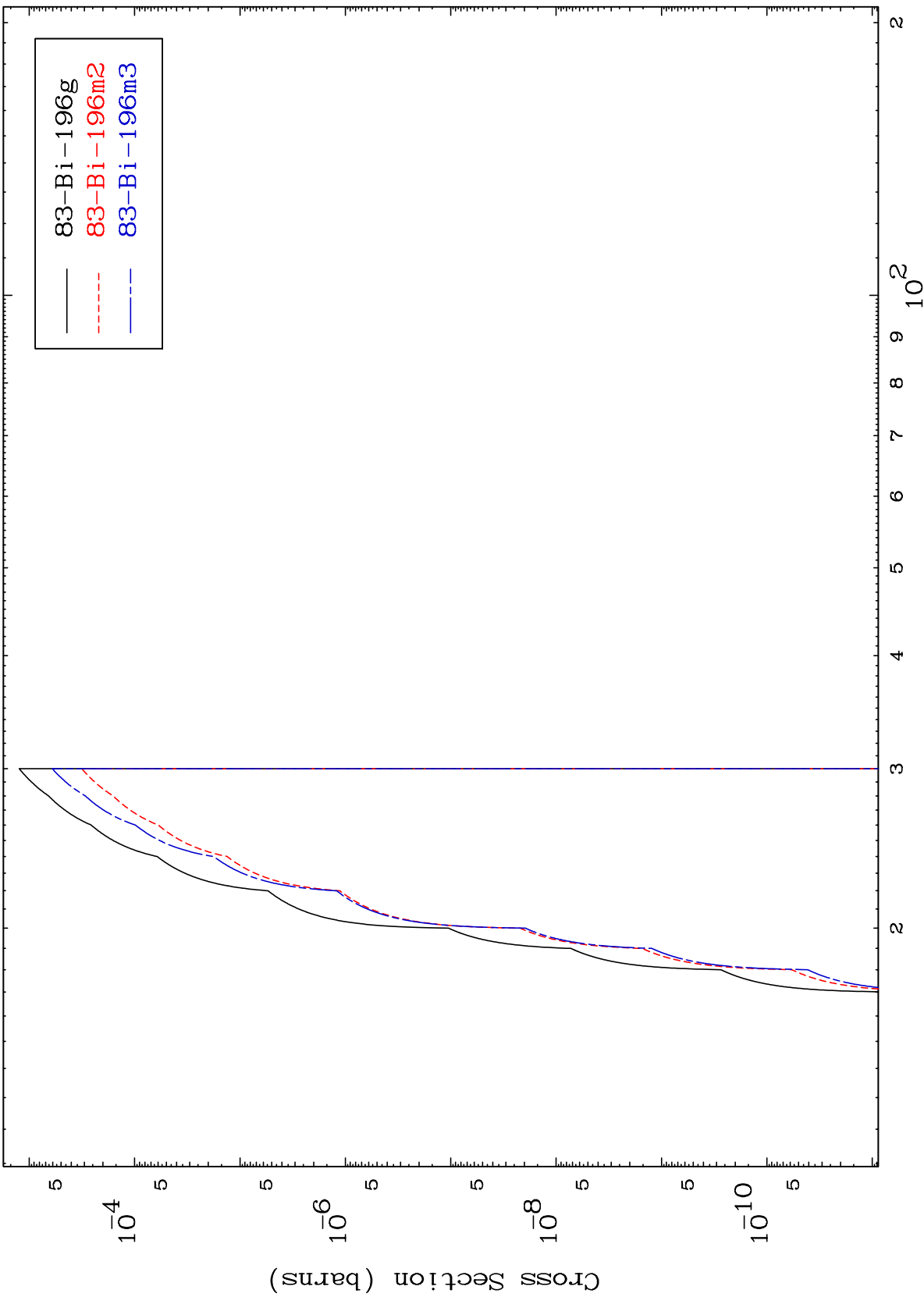
(n,n') d

83-Bi-198

Radionuclide Production Cross Section



Radionuclide Production Cross Section



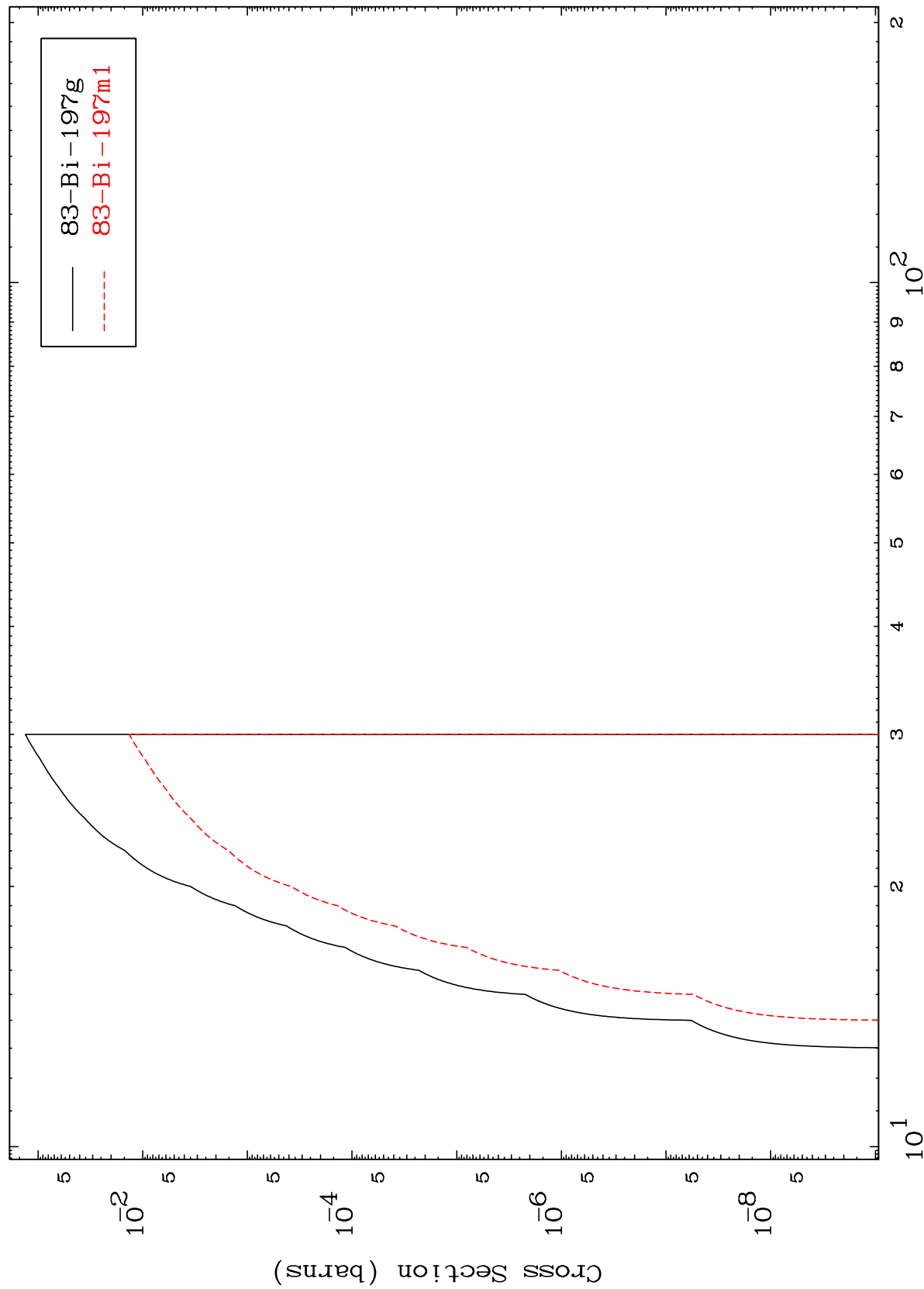
83-Bi-196g
83-Bi-196m2
83-Bi-196m3

MAT 8292

(n,2n) p

83-Bi-198

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-198

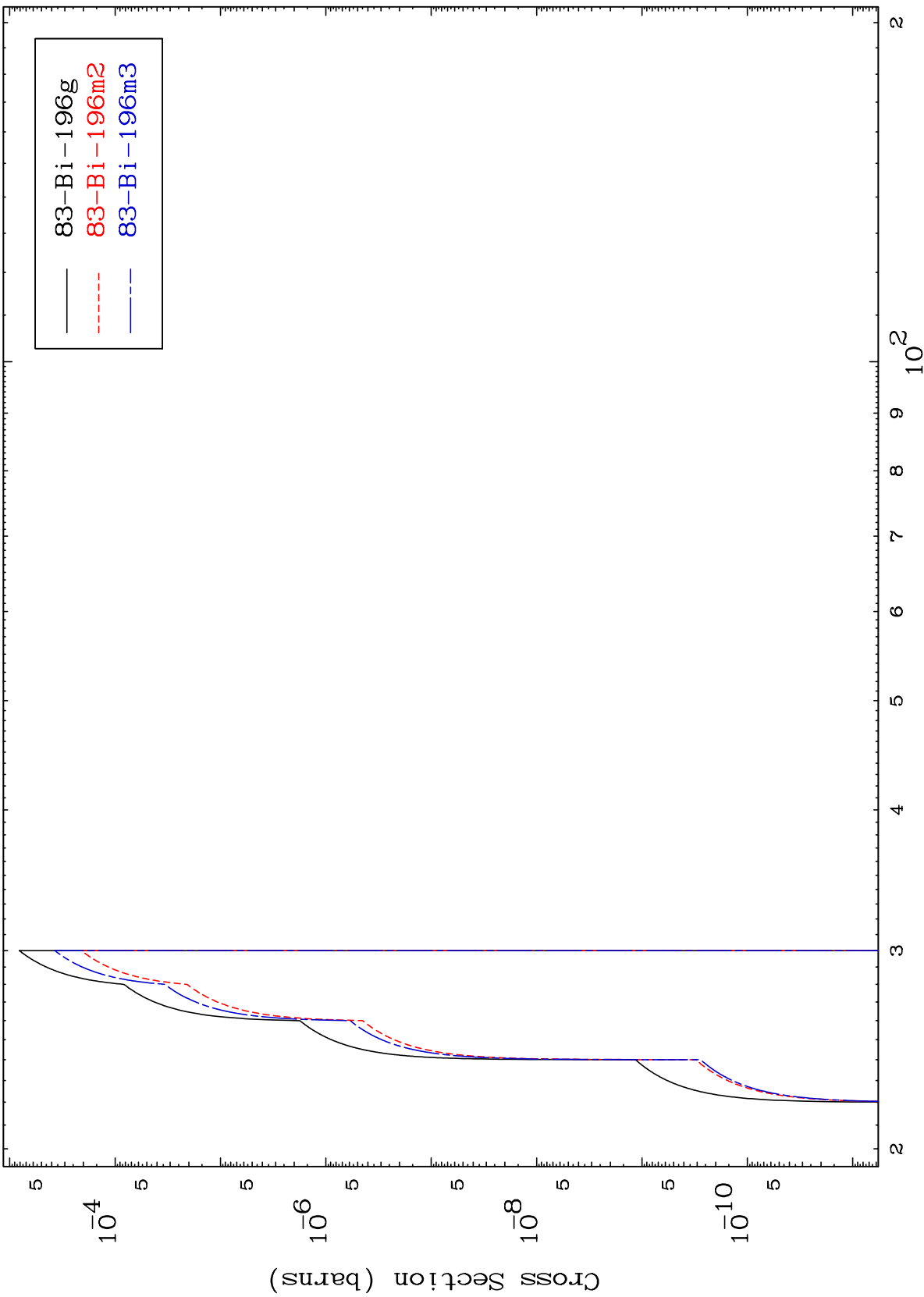
23

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(n,3n) p

83-Bi-198

Radionuclide Production Cross Section



24

Incident Energy (MeV)

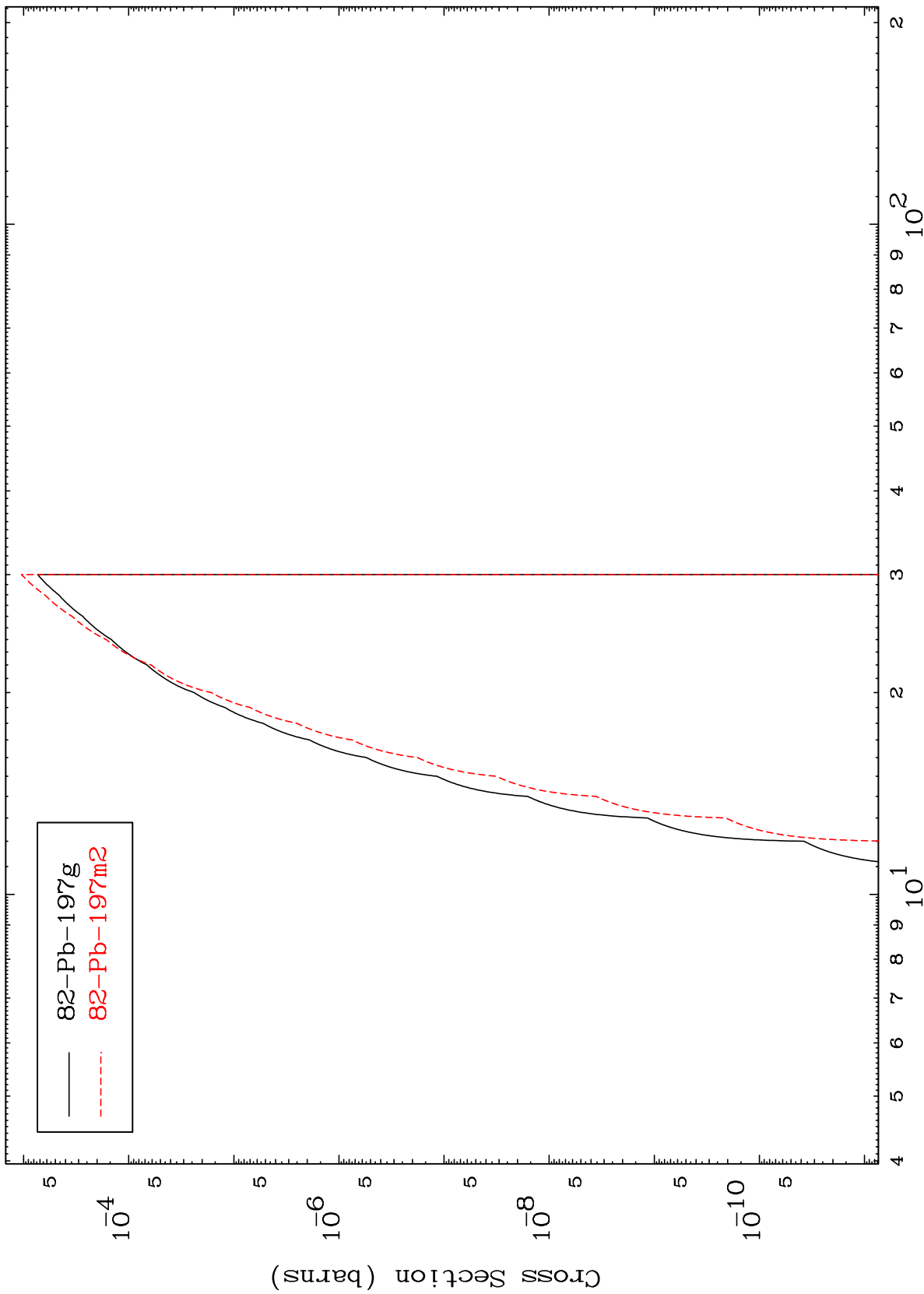
83-Bi-198

MAT 8292

(n,2n) p

83-Bi-198

Radionuclide Production Cross Section



25

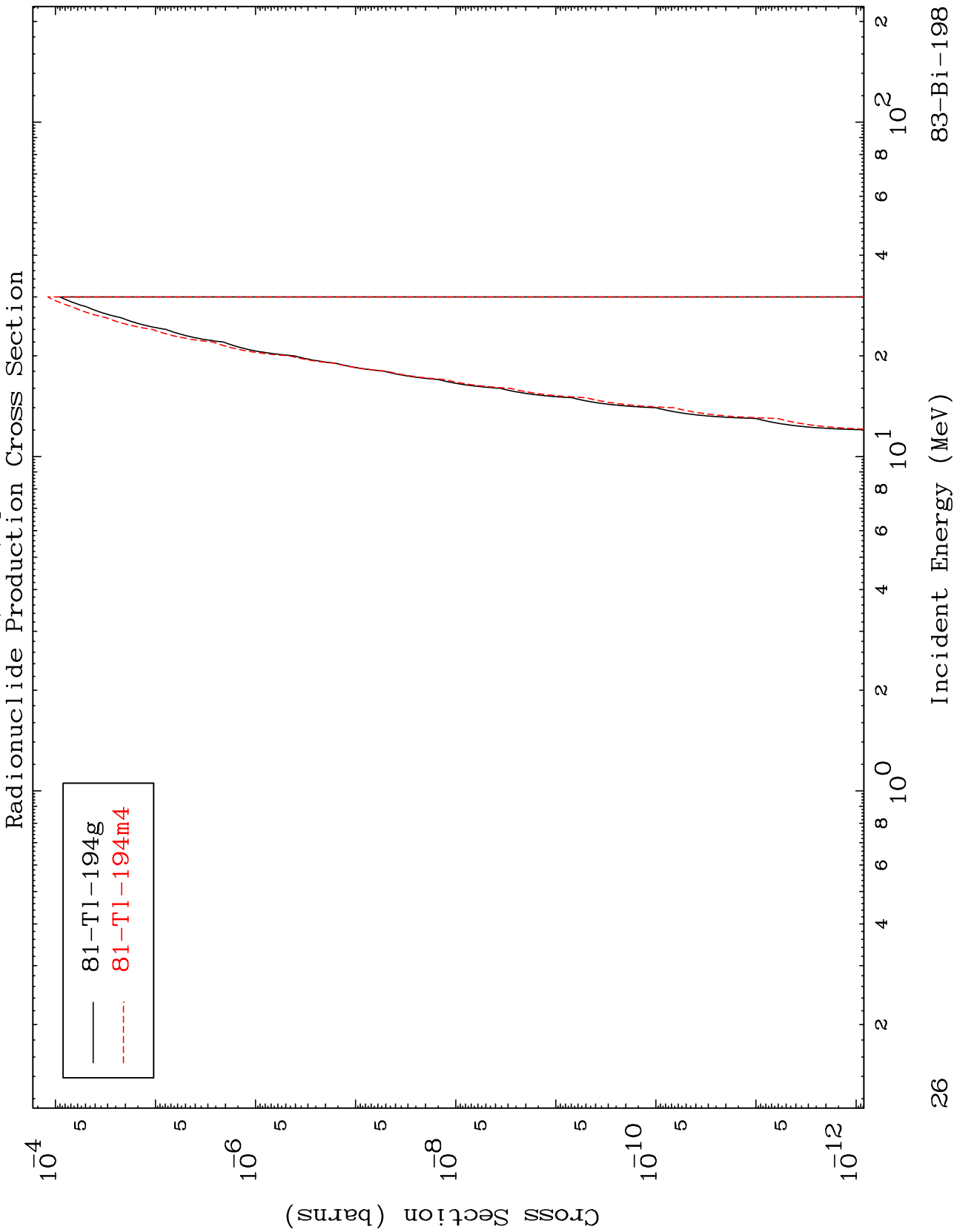
Incident Energy (MeV)

83-Bi-198

MAT 8292

(n,n') p α

83-Bi-198



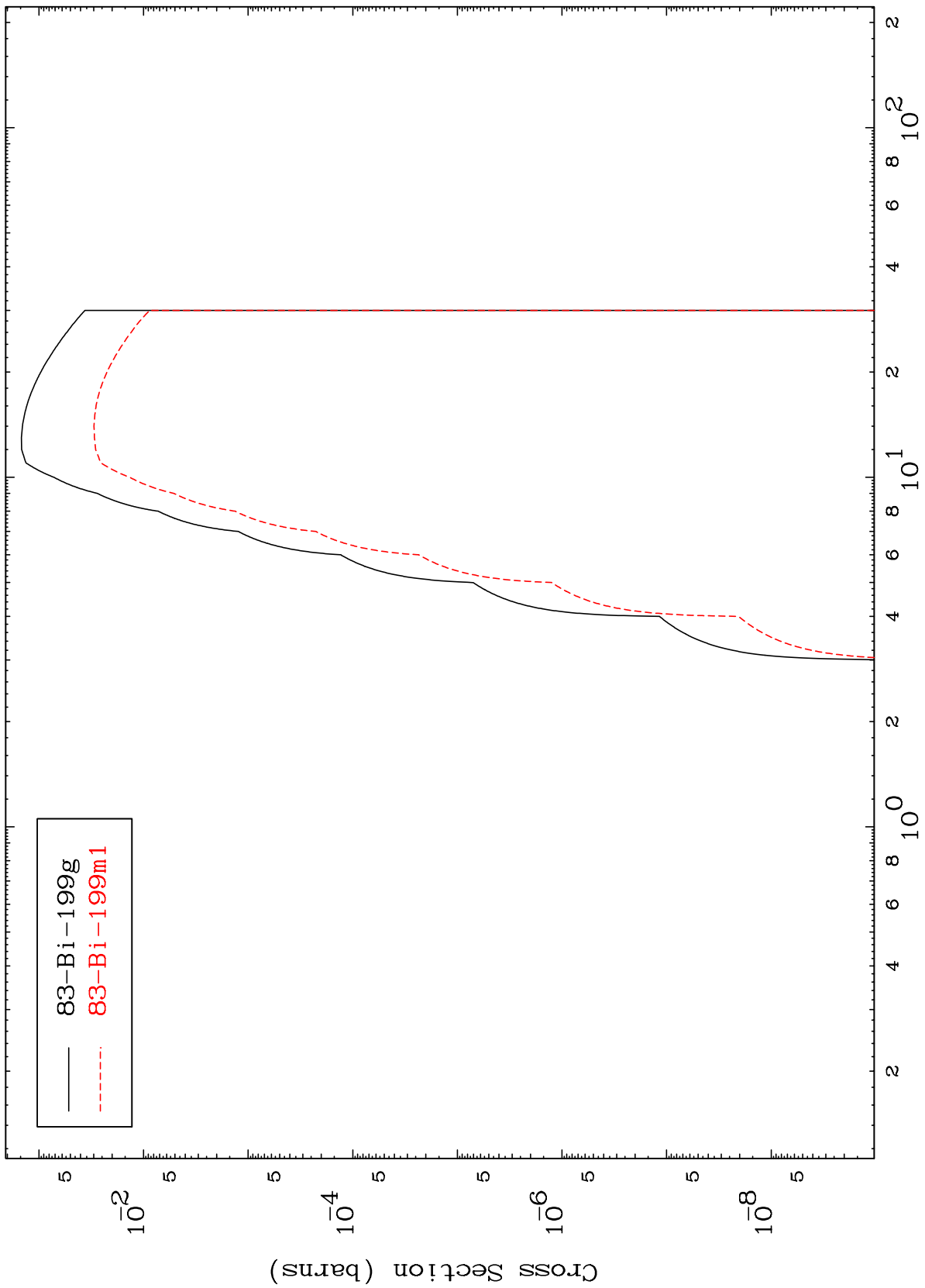
26

83-Bi-198

MAT 8292

83-Bi-198

(n,p)
Radionuclide Production Cross Section



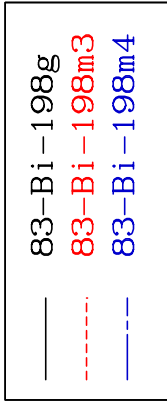
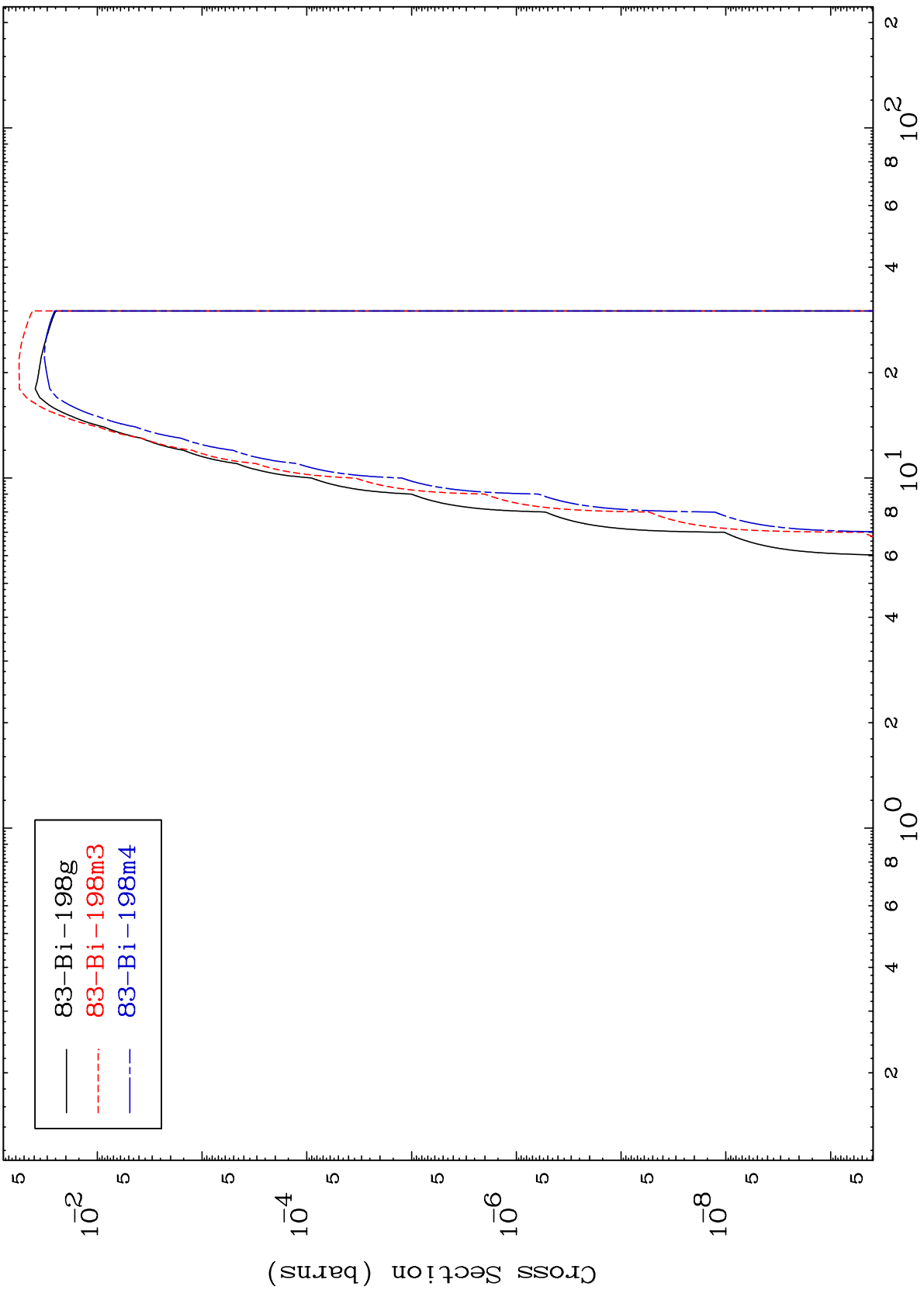
83-Bi-199g
83-Bi-199m1

83-Bi-198

Incident Energy (MeV)

27

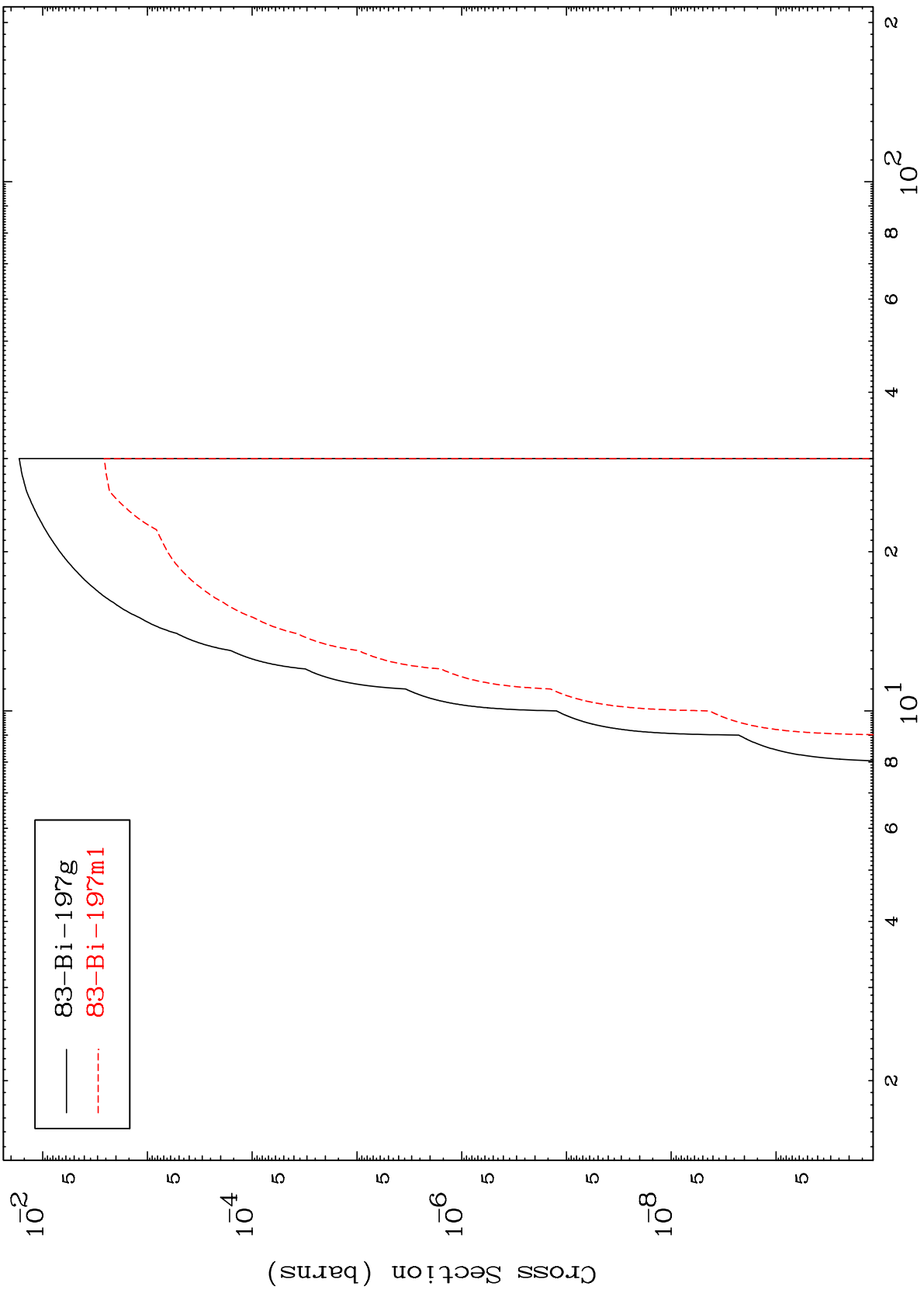
Radionuclide Production Cross Section



MAT 8292

83-Bi-198

(n, t)
Radionuclide Production Cross Section



29

83-Bi-198

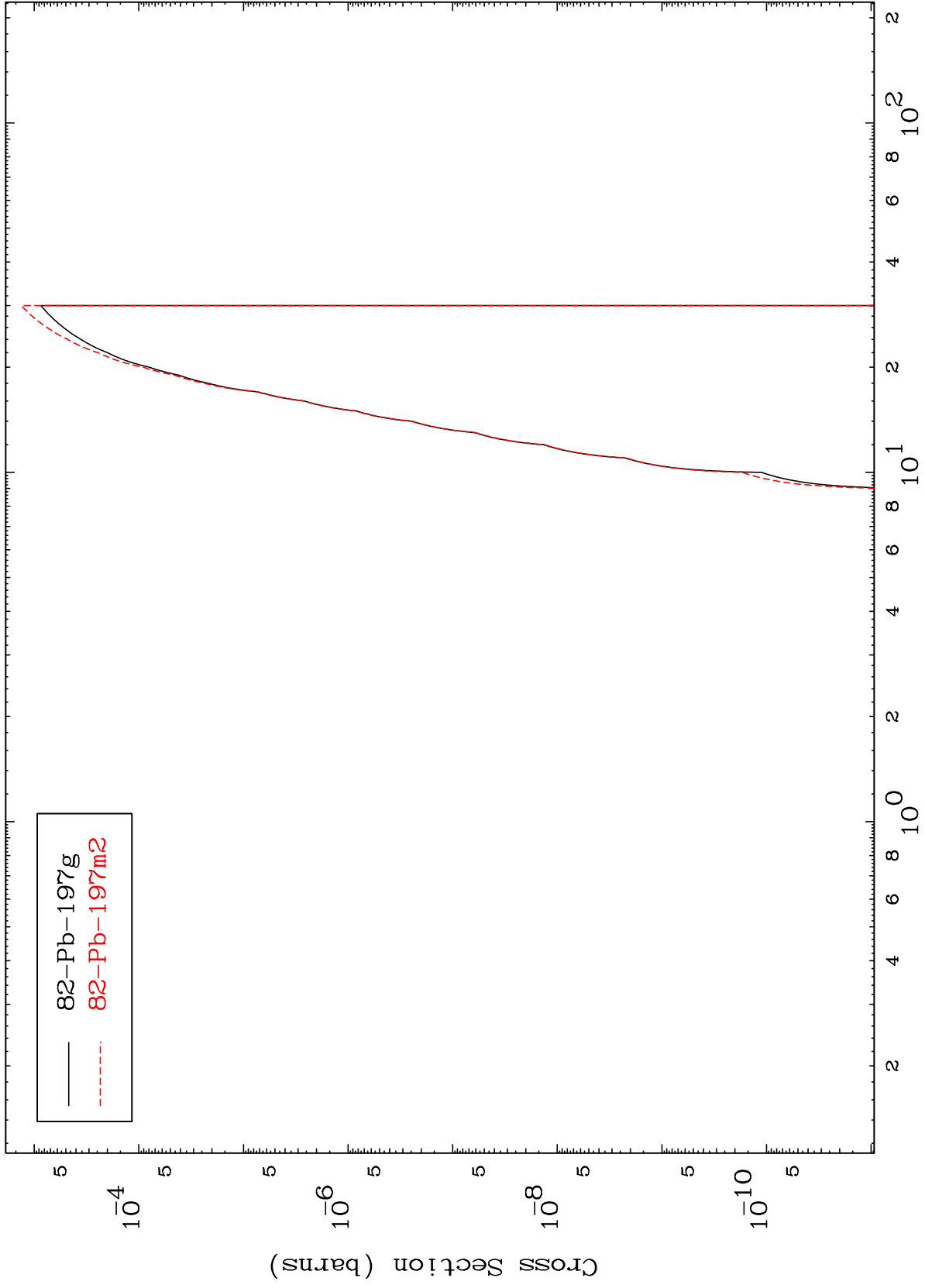
Incident Energy (MeV)

MAT 8292

(n,He-3)

83-Bi-198

Radionuclide Production Cross Section



30

Incident Energy (MeV)

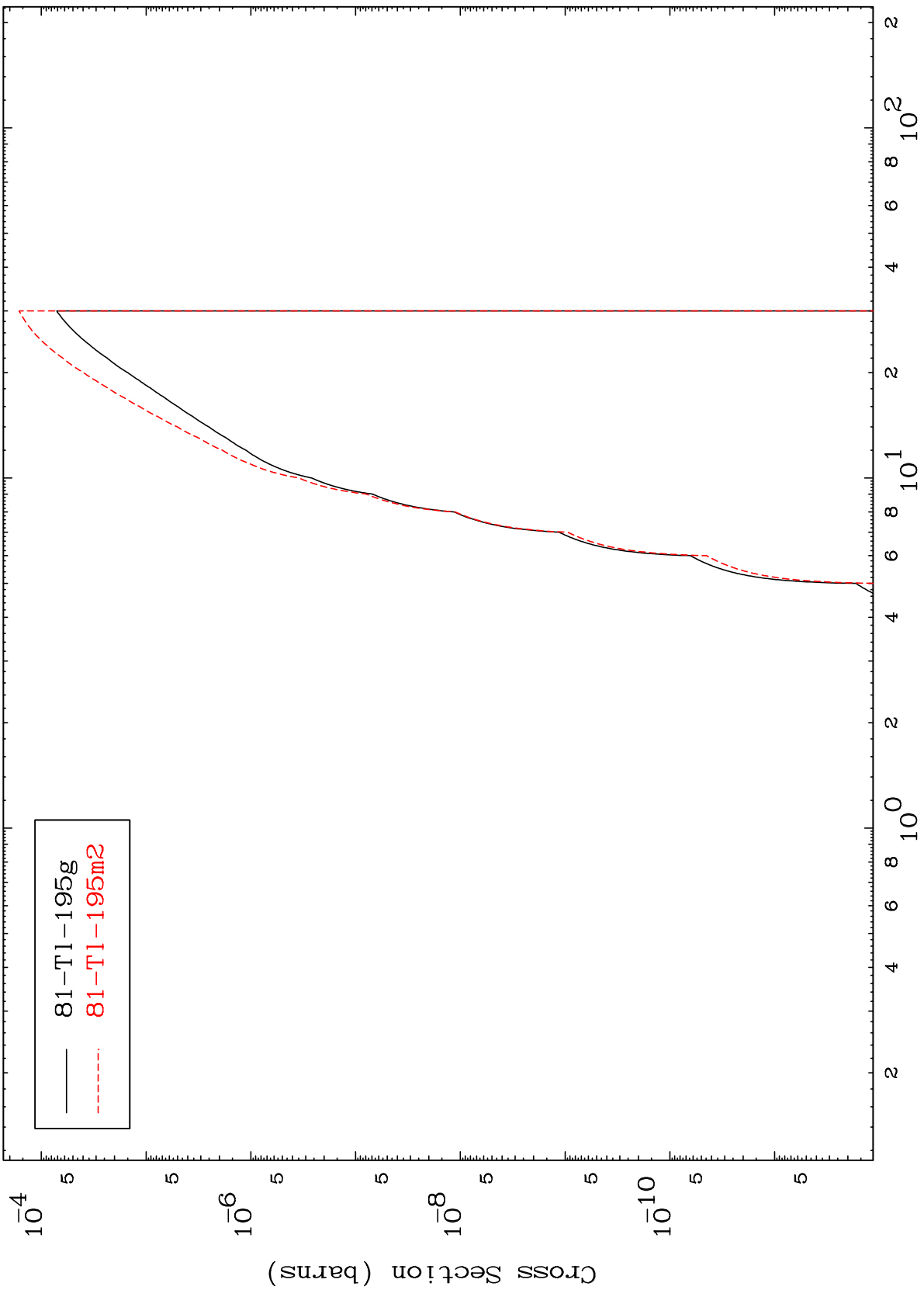
83-Bi-198

MAT 8292

(n,p) α

83-Bi-198

Radionuclide Production Cross Section



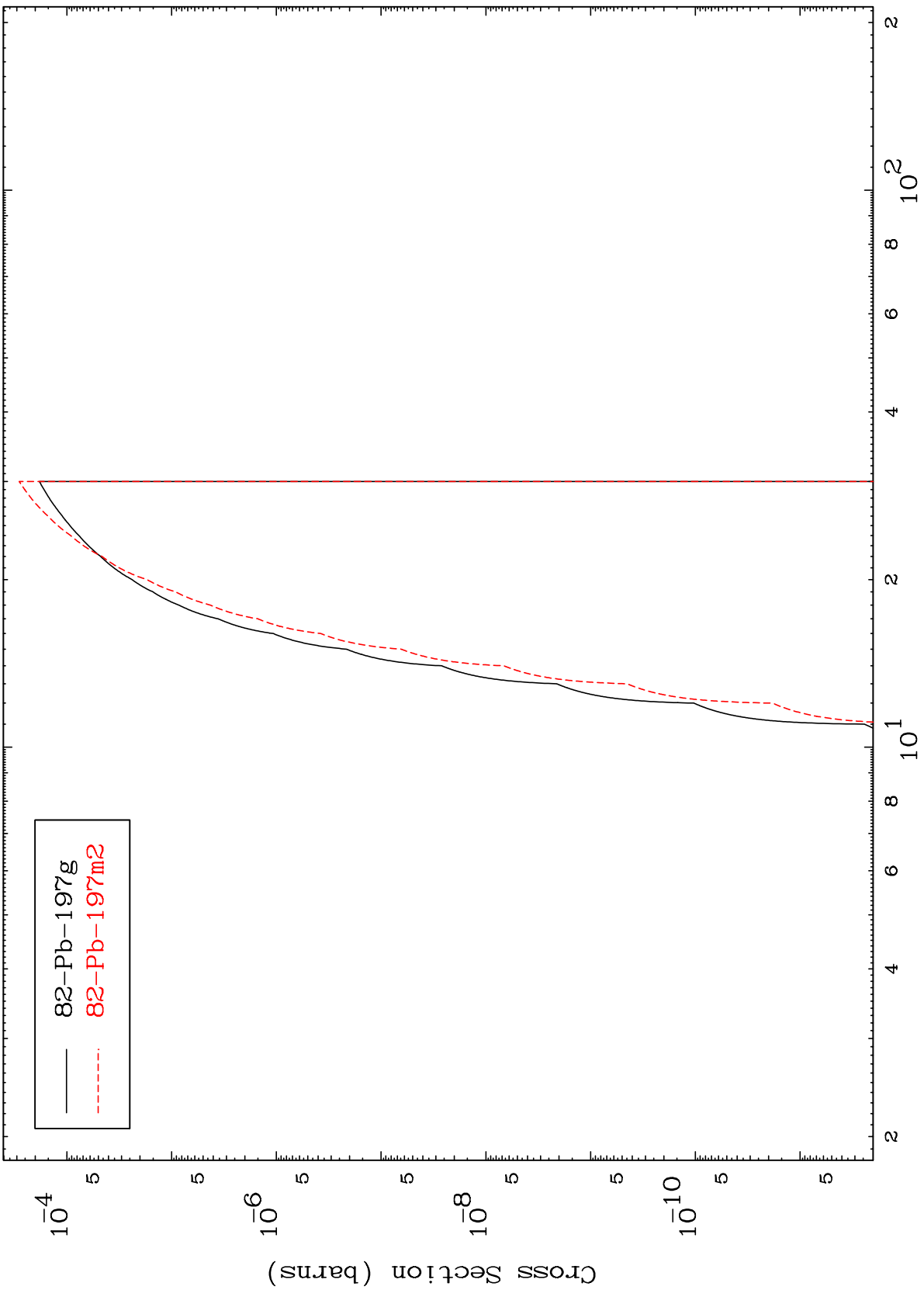
81-Tl-195g
81-Tl-195m2

MAT 8292

(n,p) d

83-Bi-198

Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

32

Incident Energy (MeV)

83-Bi-198

MAT 8292

(n,d) α

83-Bi-198

Radionuclide Production Cross Section

