

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

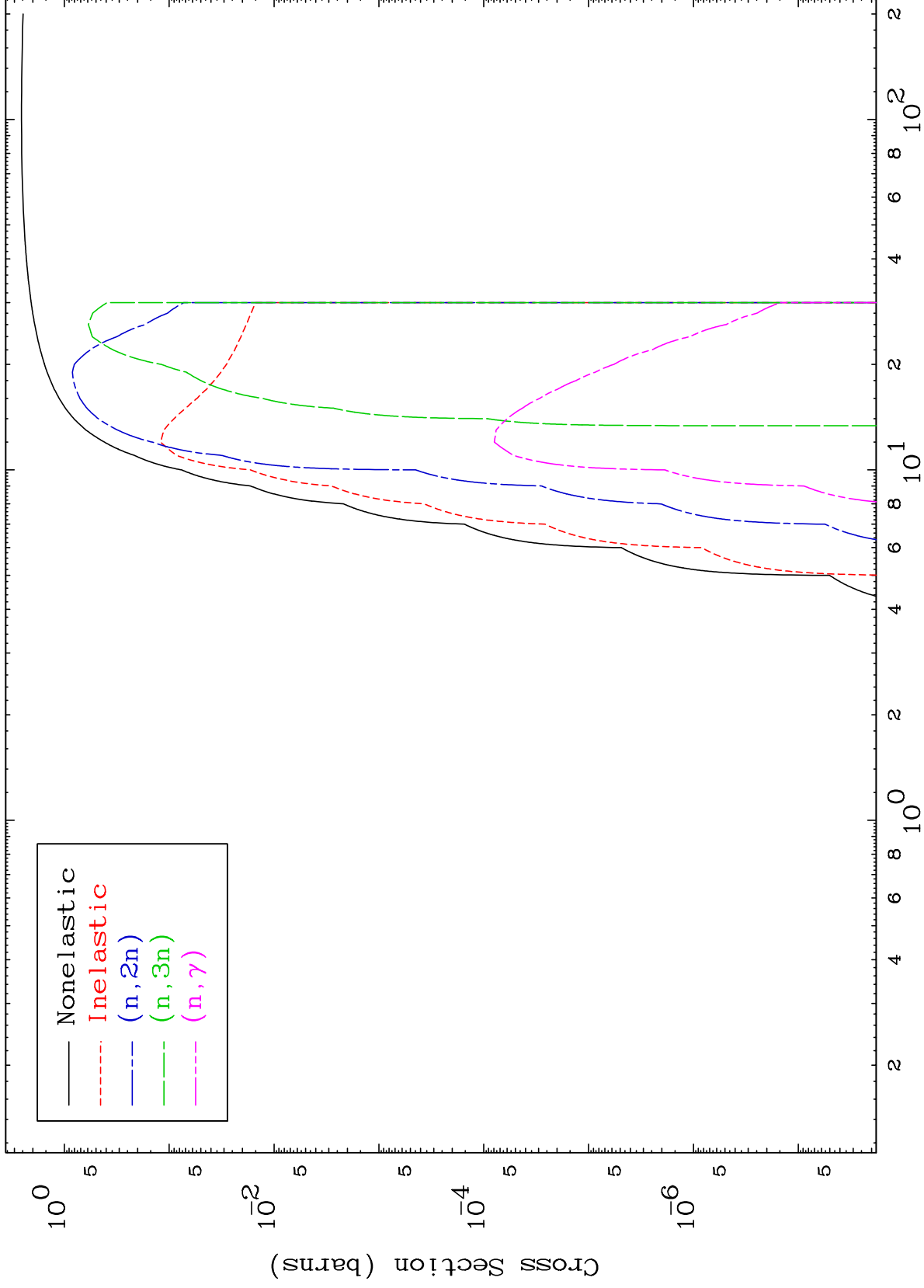
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

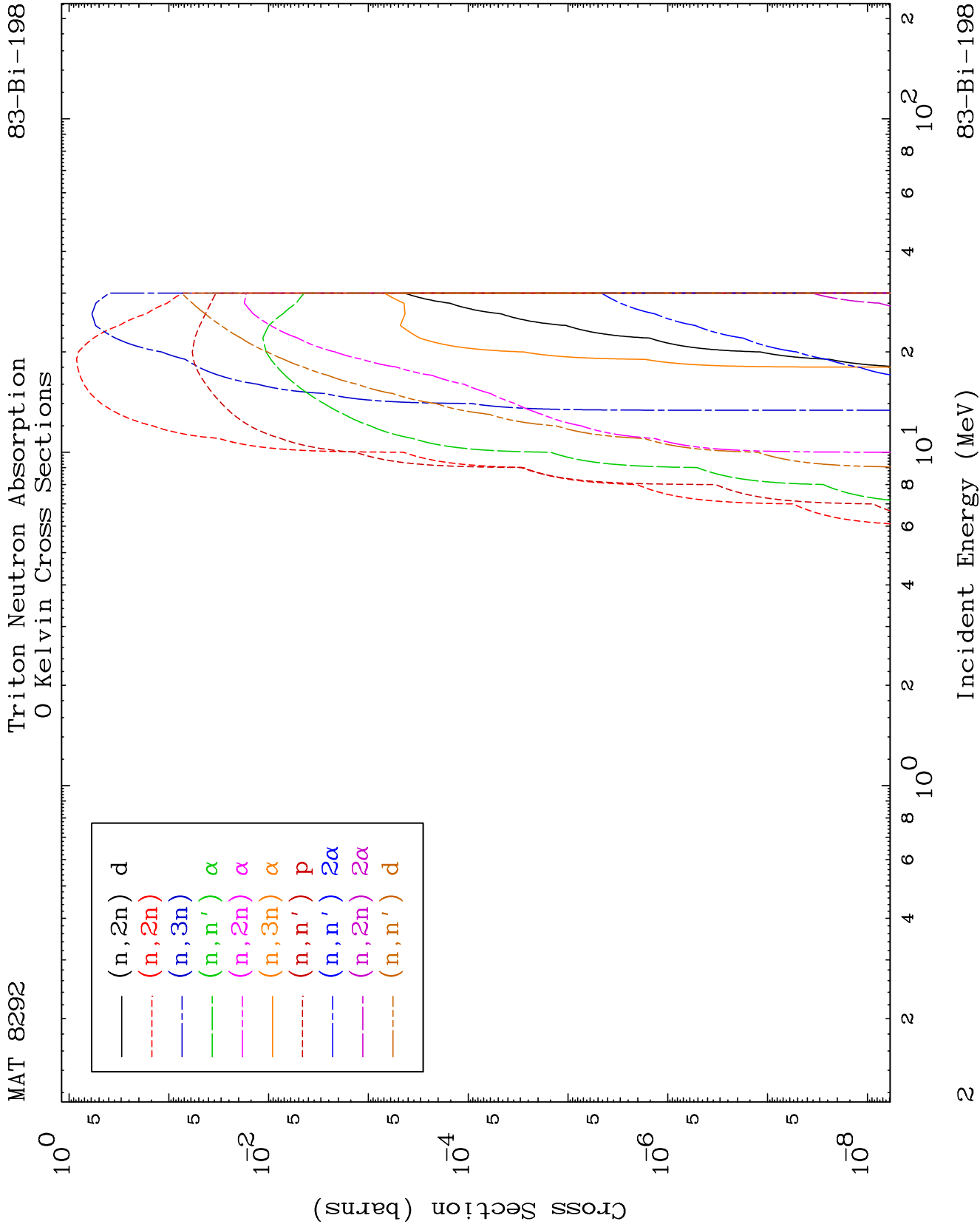
Tele: 925-443-1911

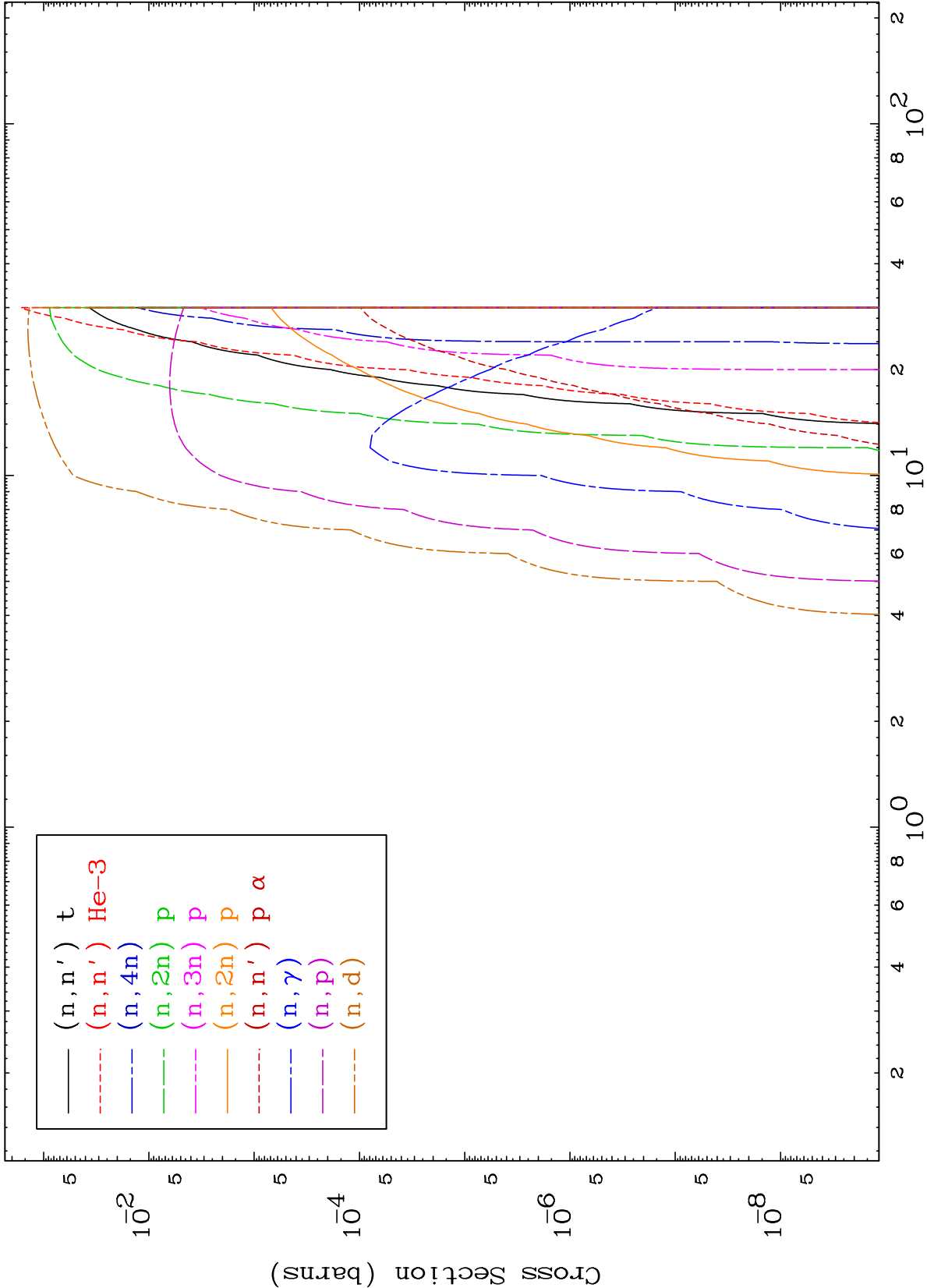
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

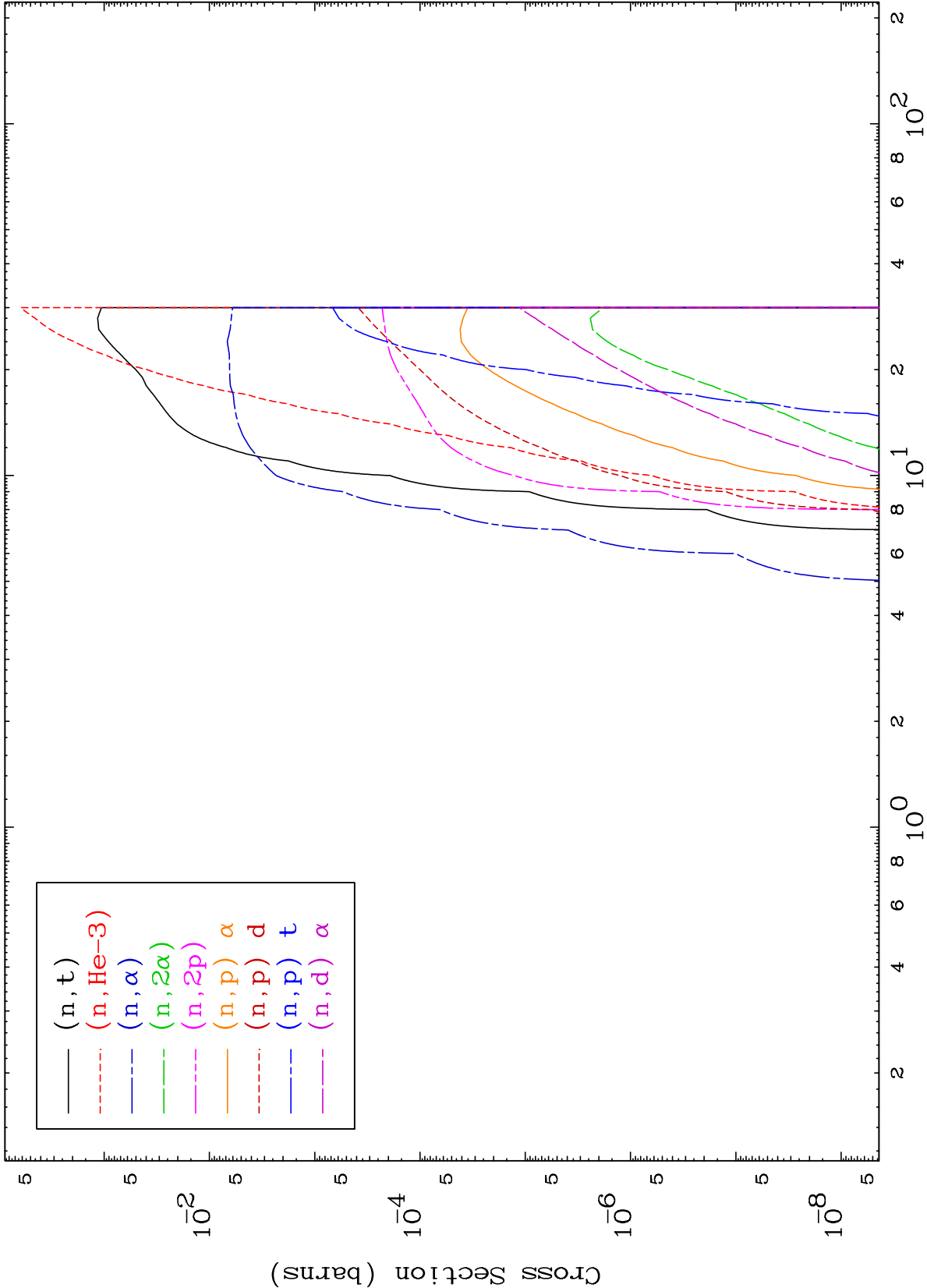
Press Mouse Button to Start

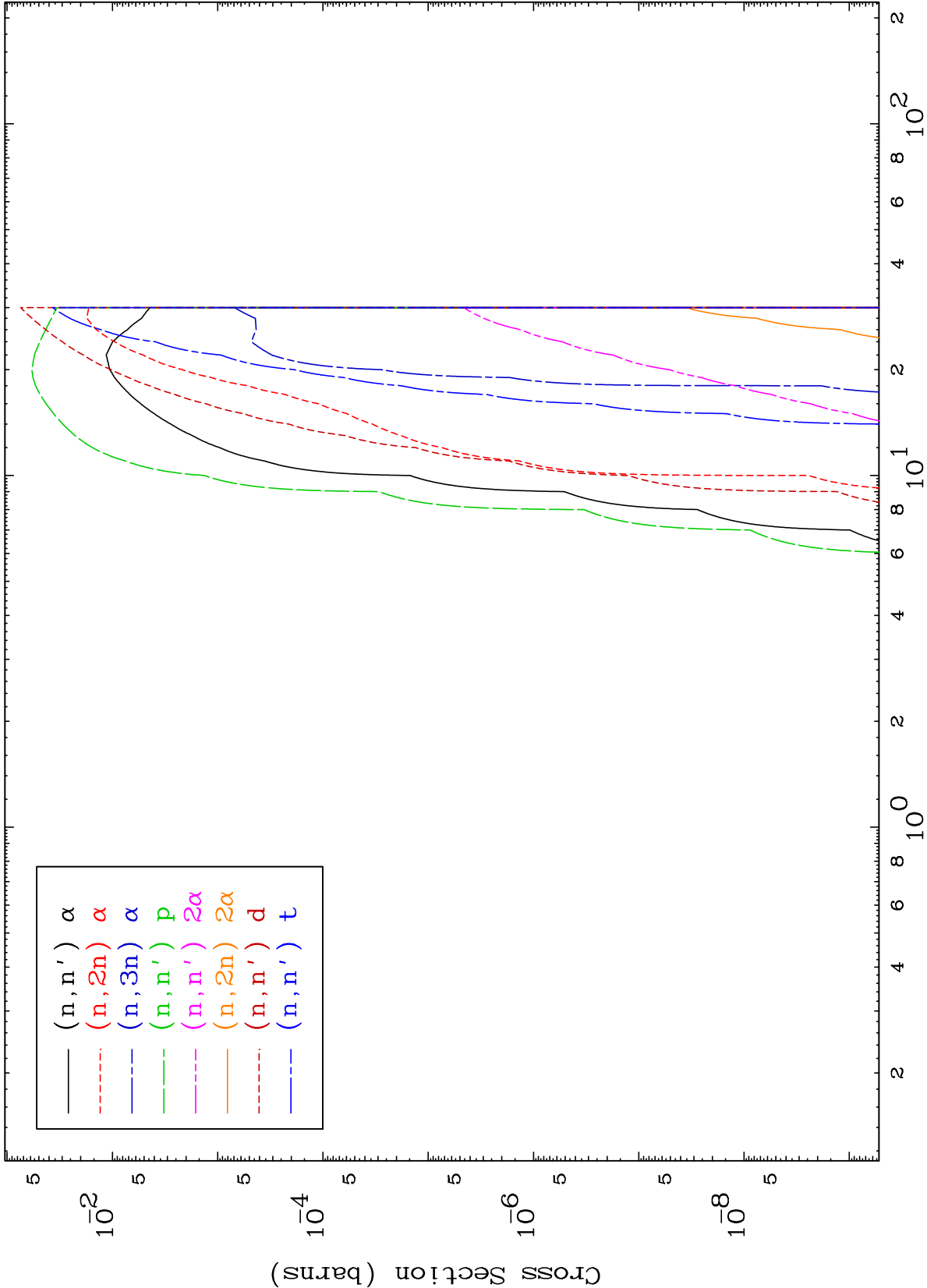
0 Kelvin Cross Sections

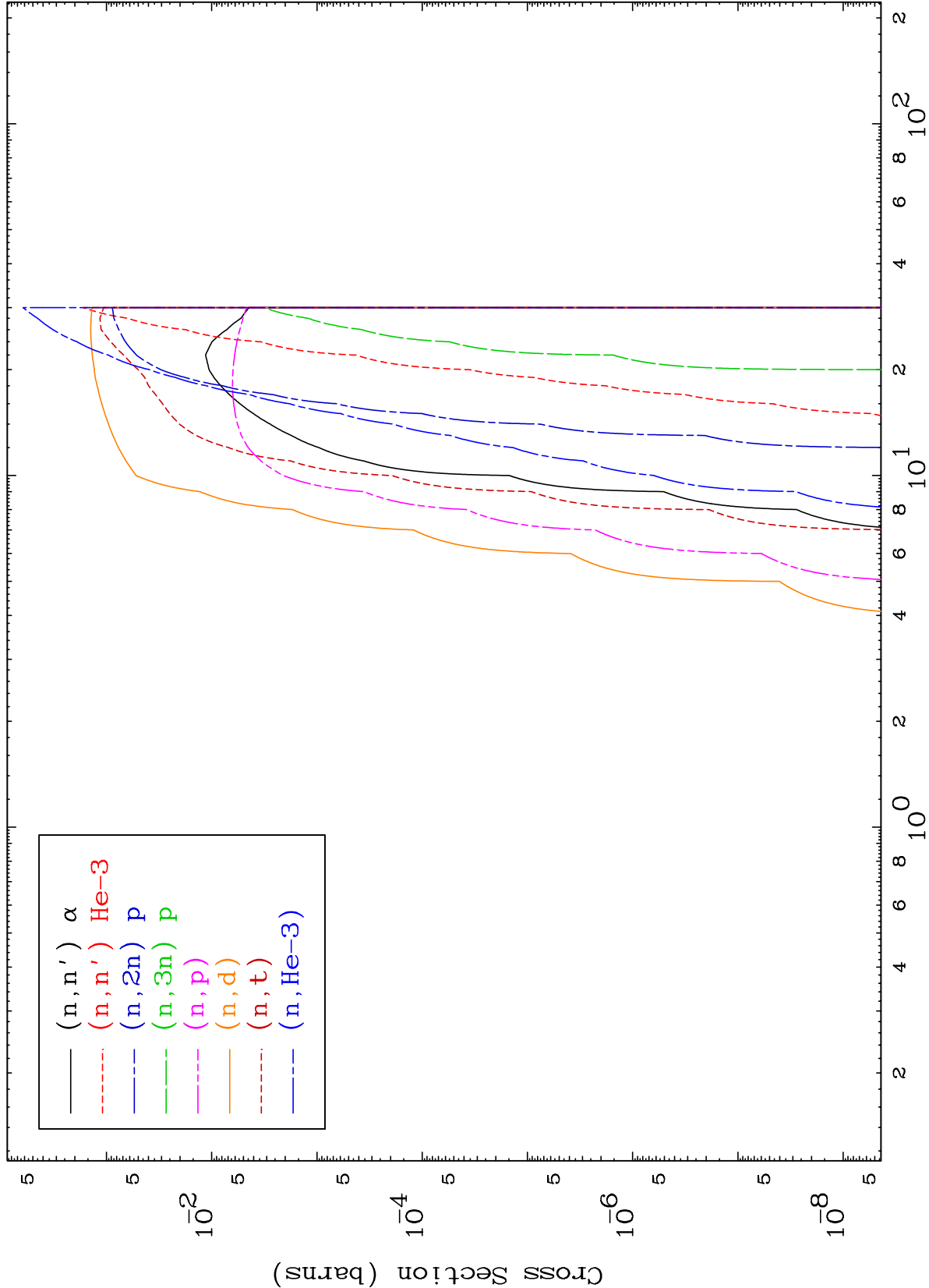


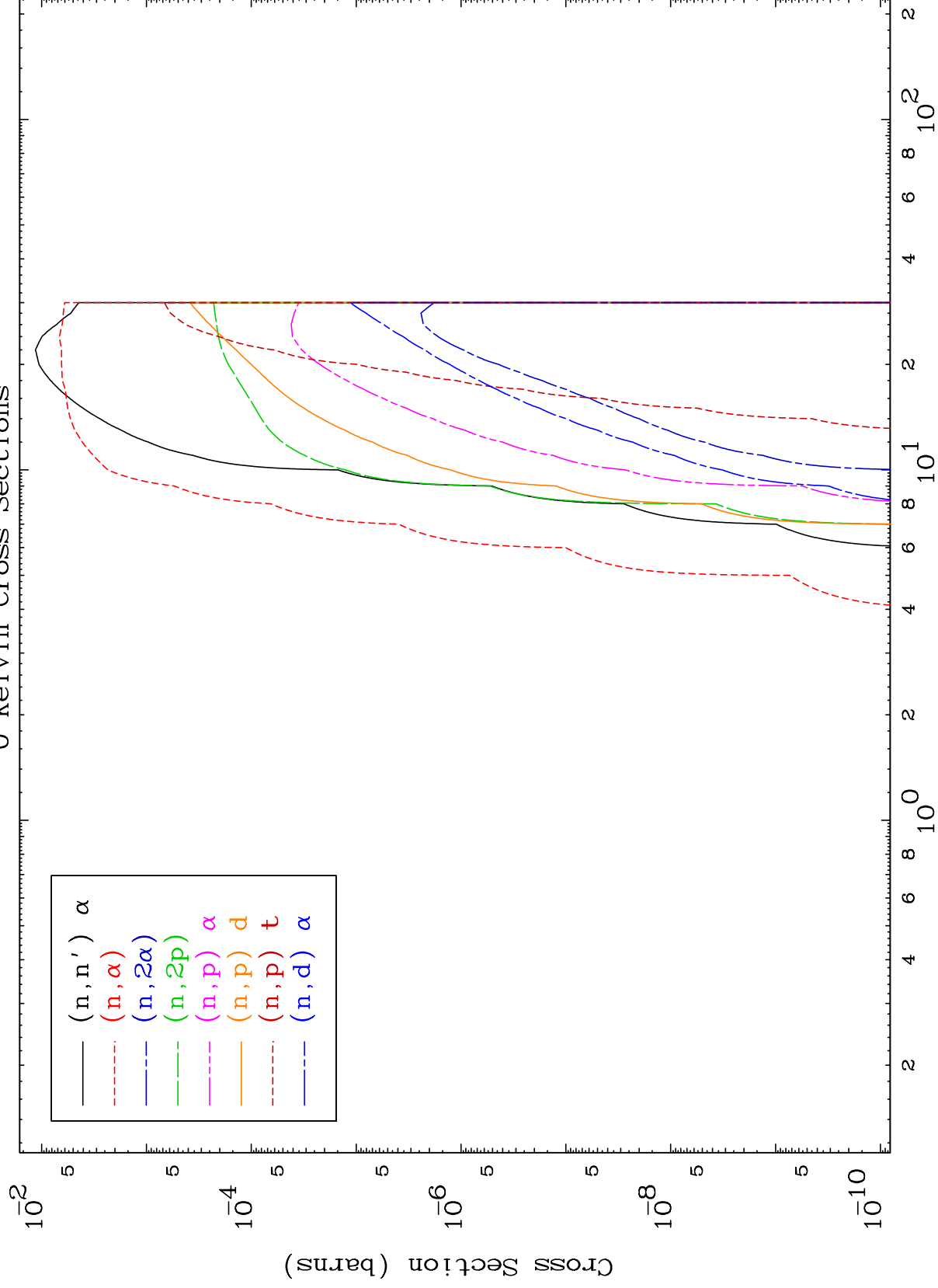








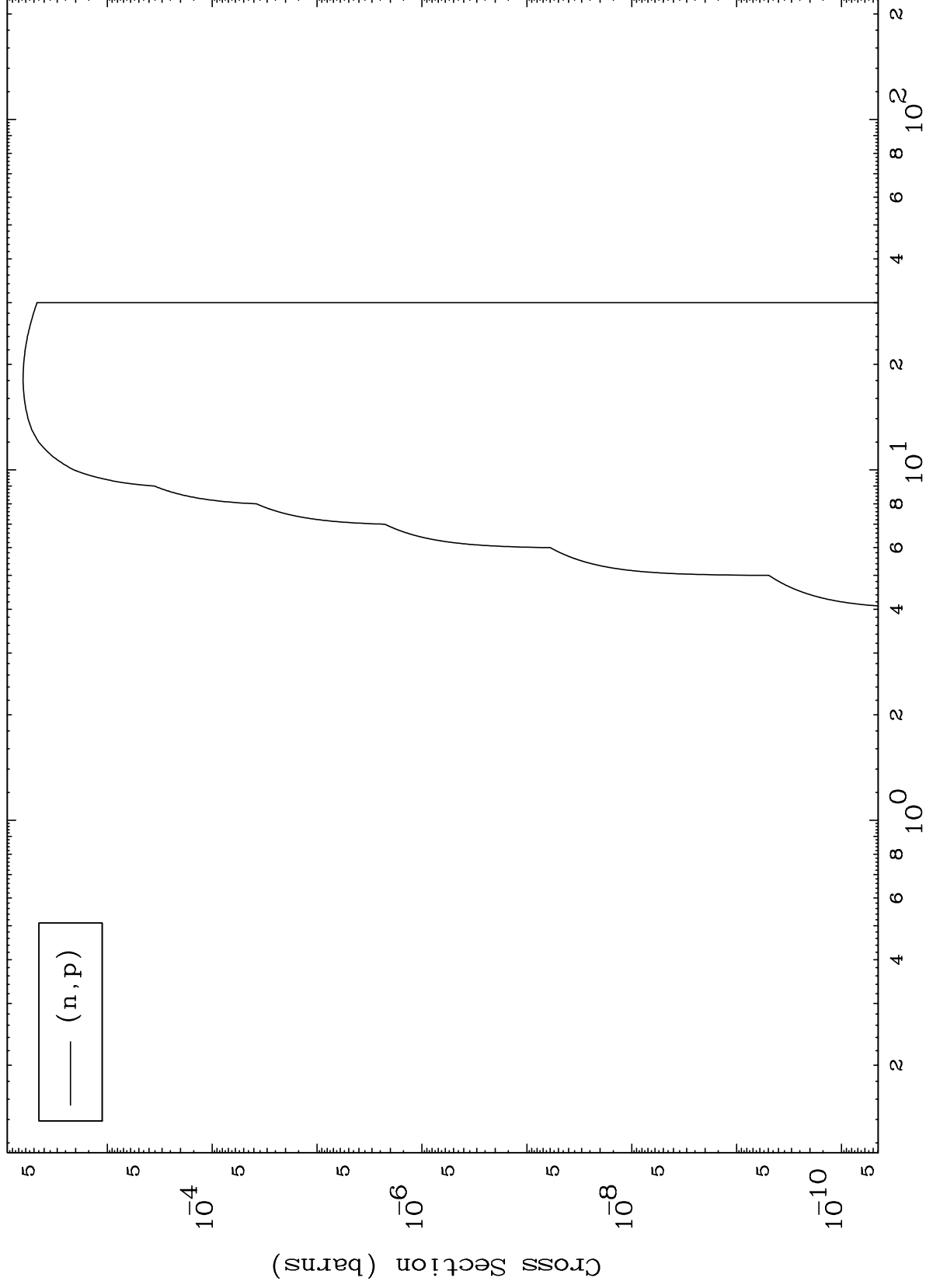




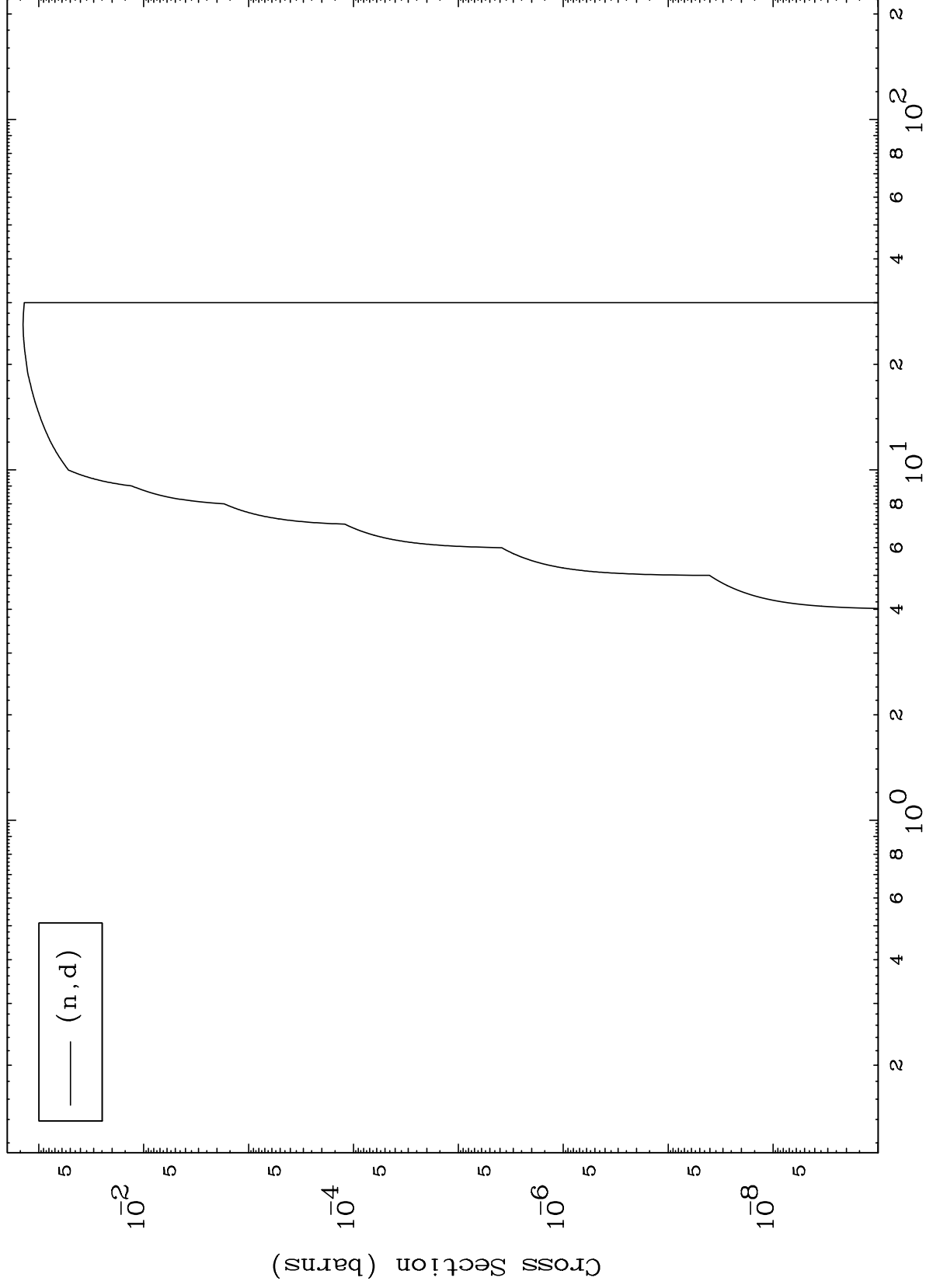
MAT 8292

83-Bi-198

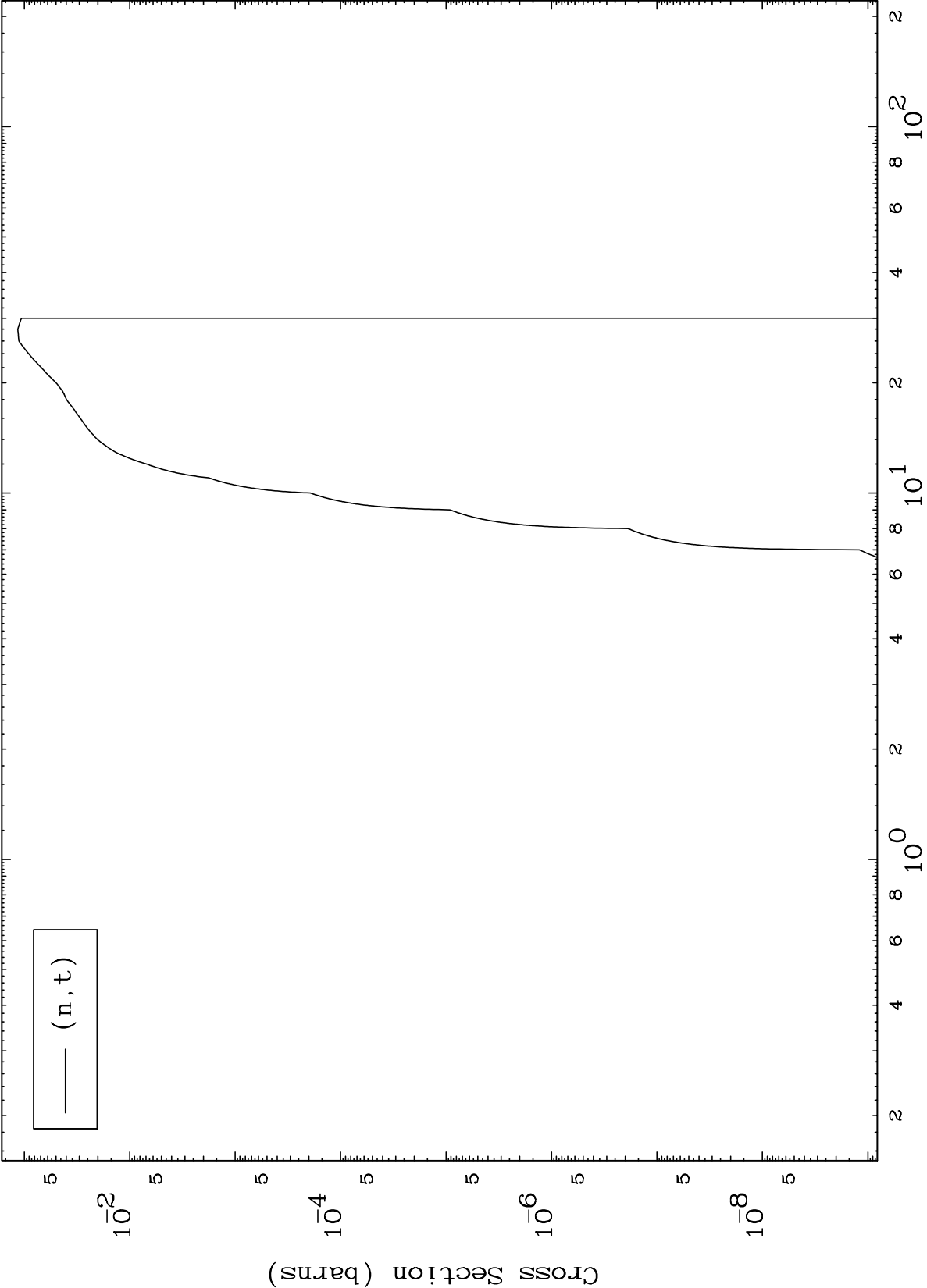
(t,p) Levels
0 Kelvin Cross Sections



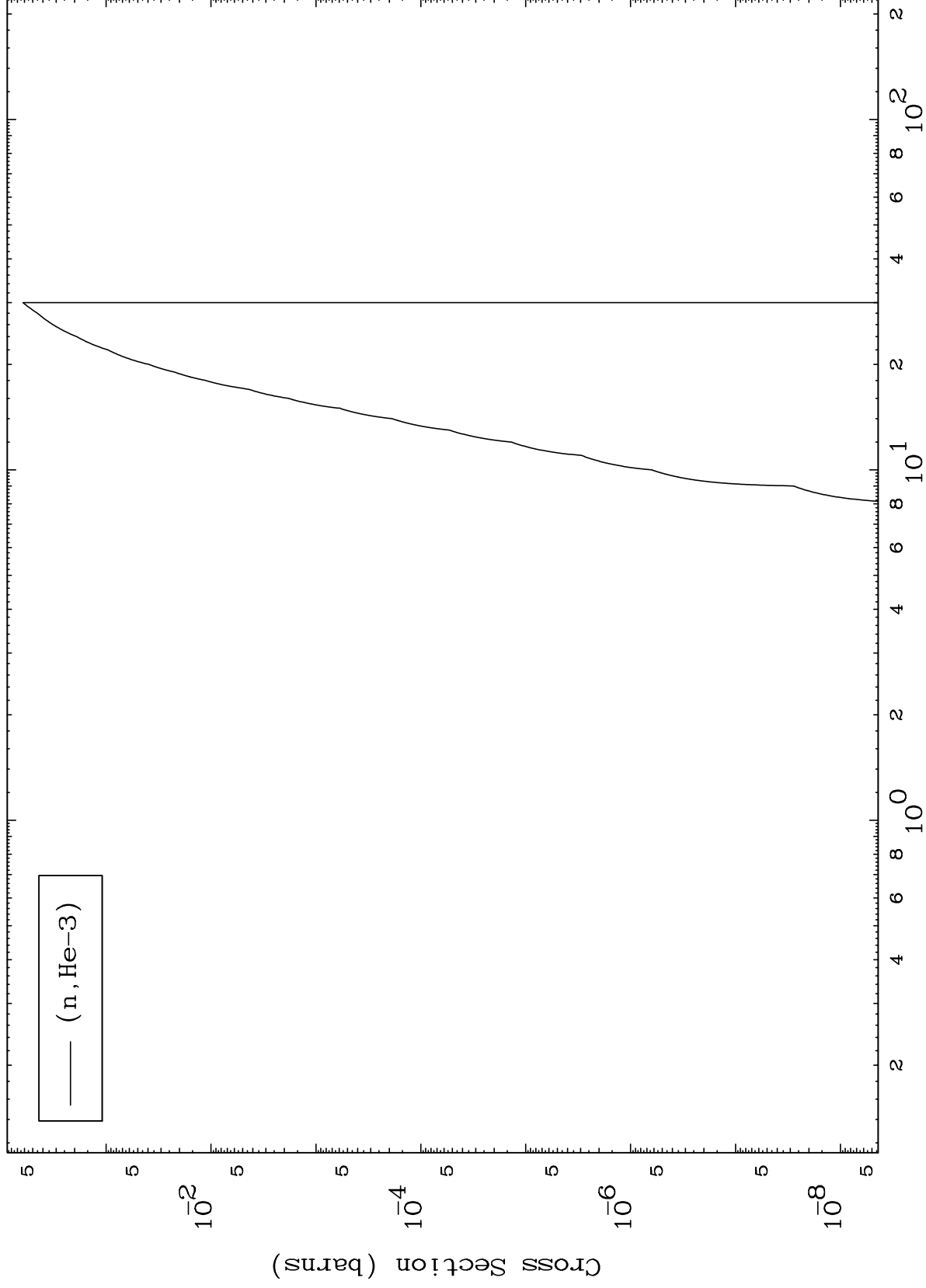
(t,d) Levels
0 Kelvin Cross Sections



0 Kelvin Cross Sections



(t,He3) Levels
0 Kelvin Cross Sections

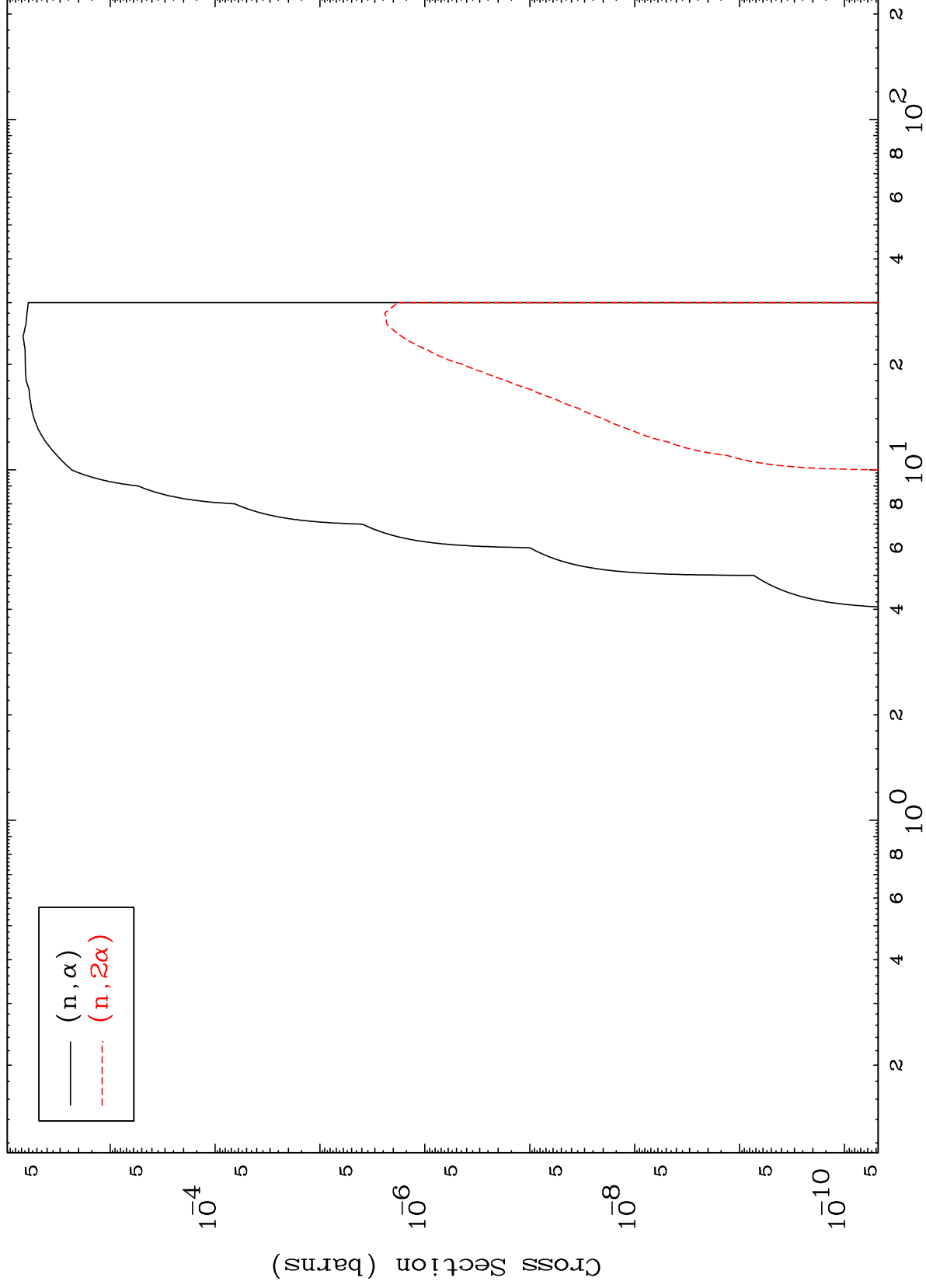


— (n, He-3)

MAT 8292

83-Bi-198

(t, α) Levels
0 Kelvin Cross Sections

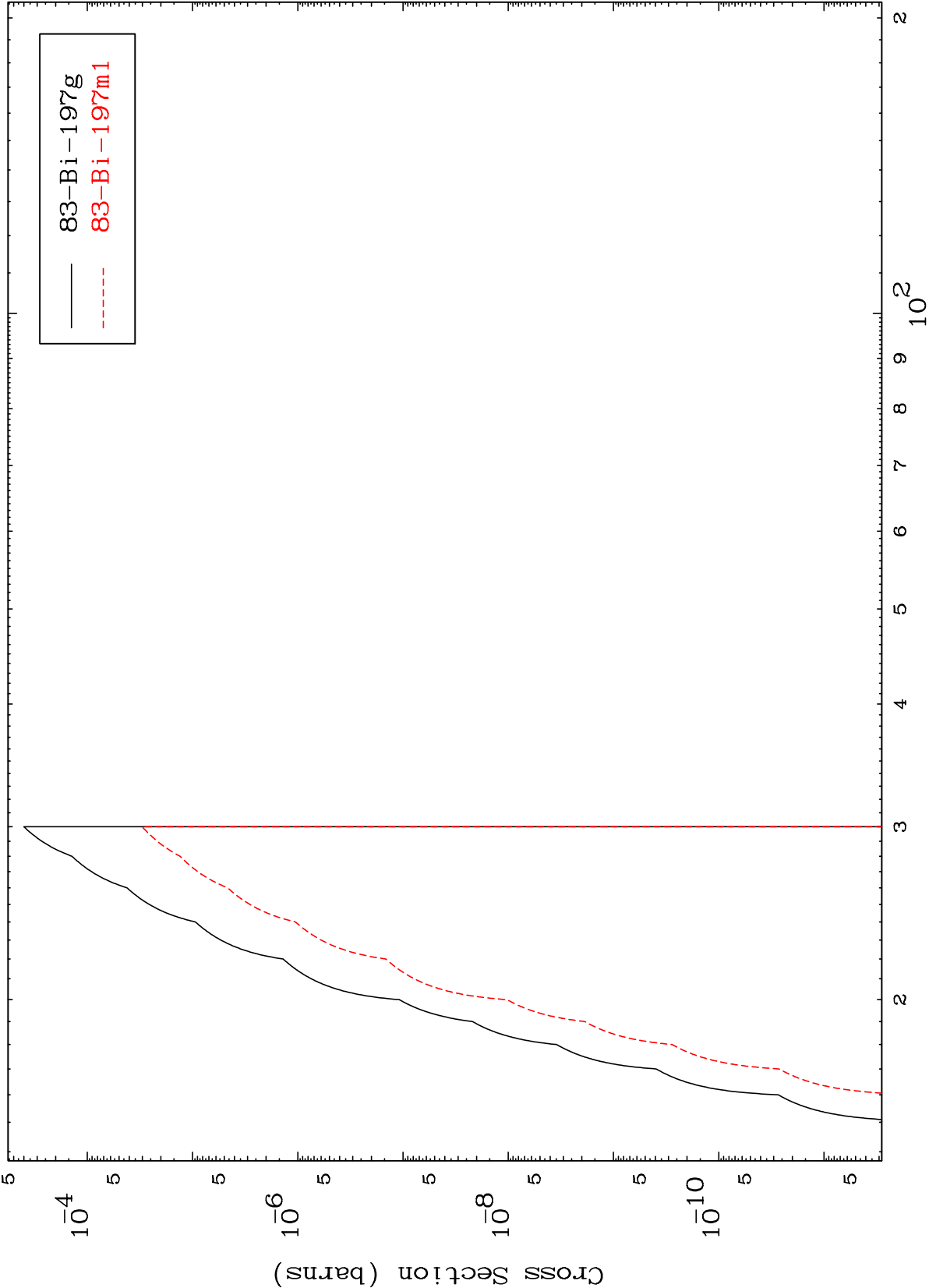


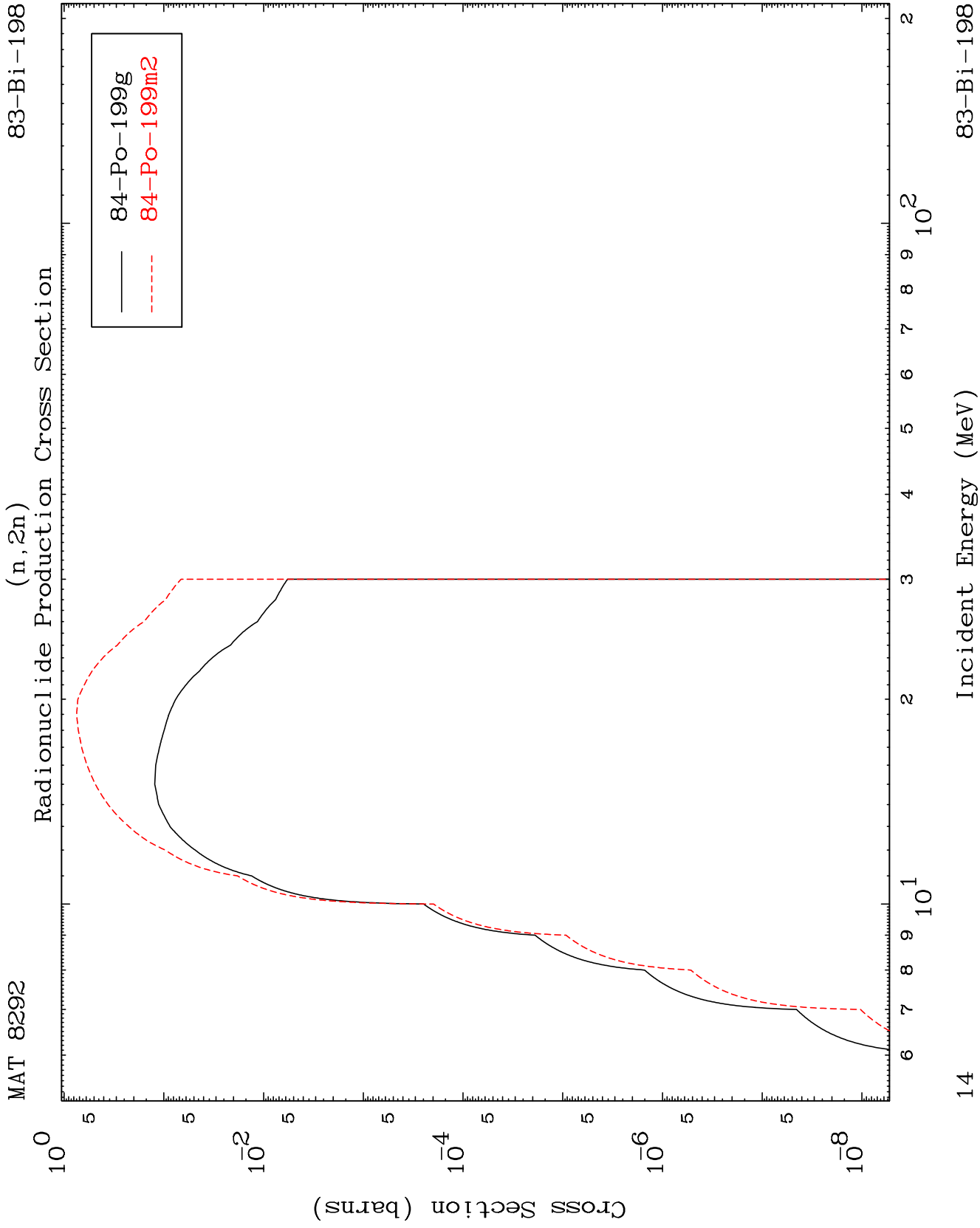
12

Incident Energy (MeV)

83-Bi-198

(n,2n) d
Radionuclide Production Cross Section



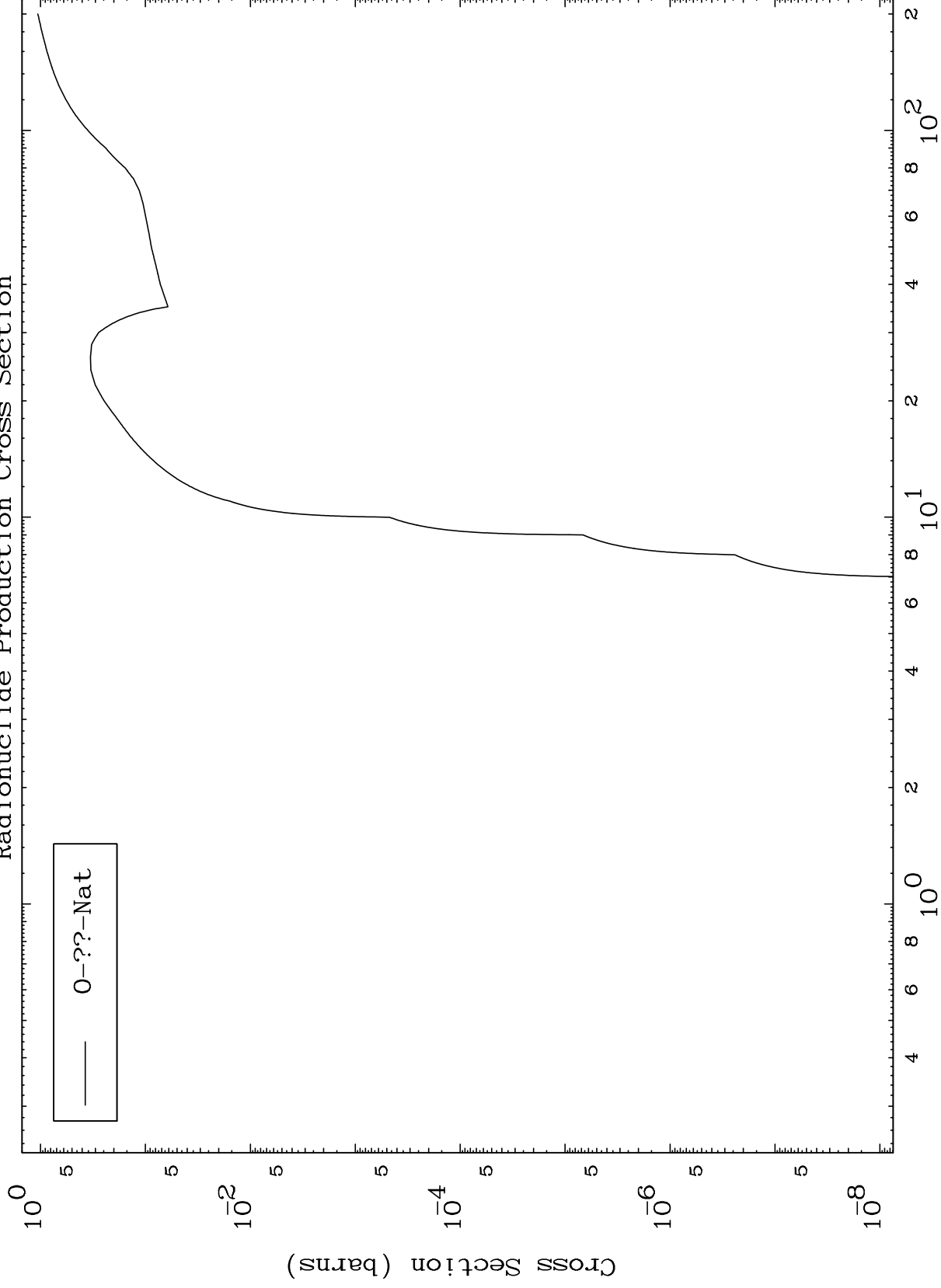


MAT 8292

Fission

83-Bi-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

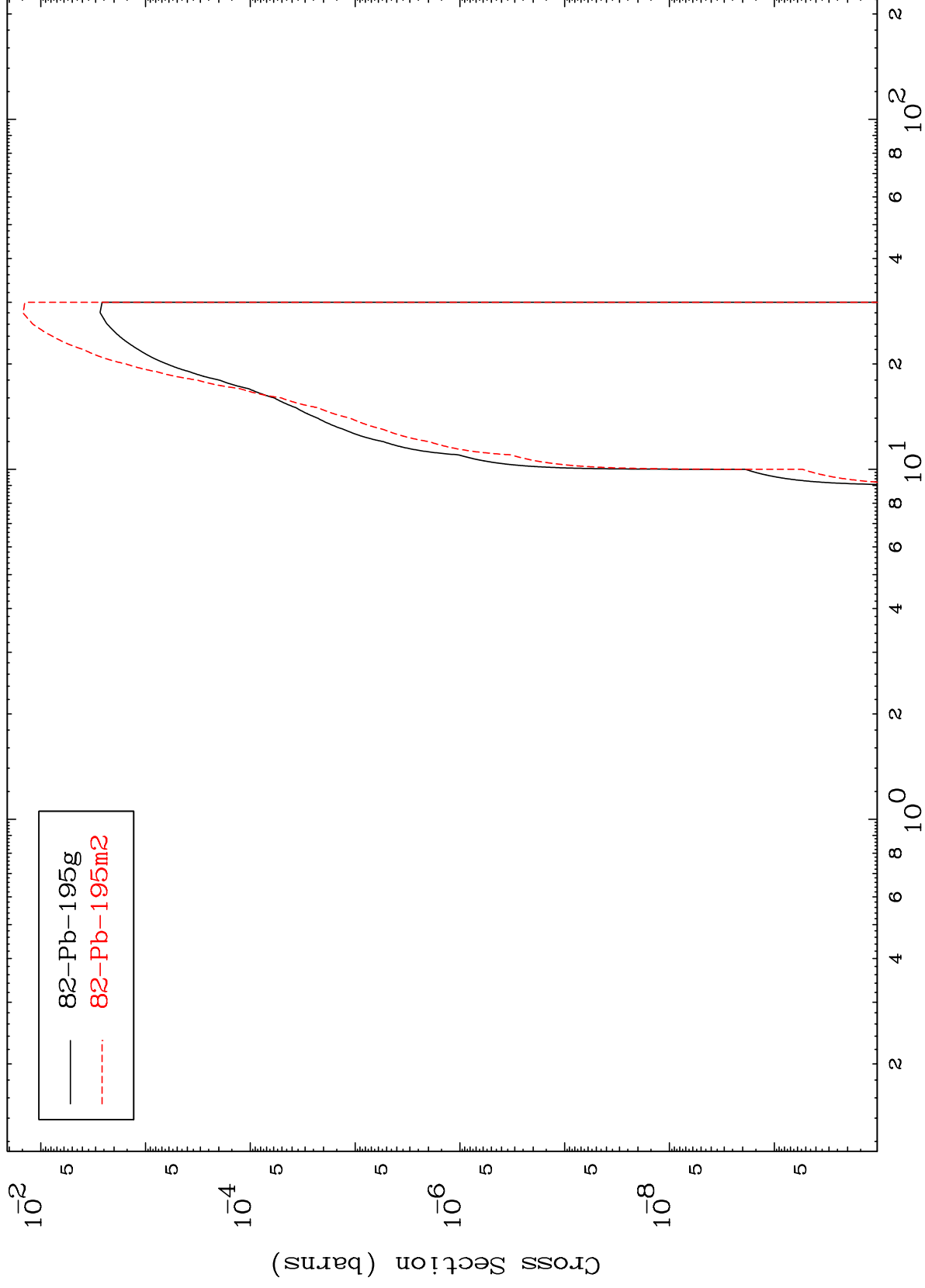
83-Bi-198

MAT 8292

$(n,2n) \alpha$

83-Bi-198

Radionuclide Production Cross Section



16

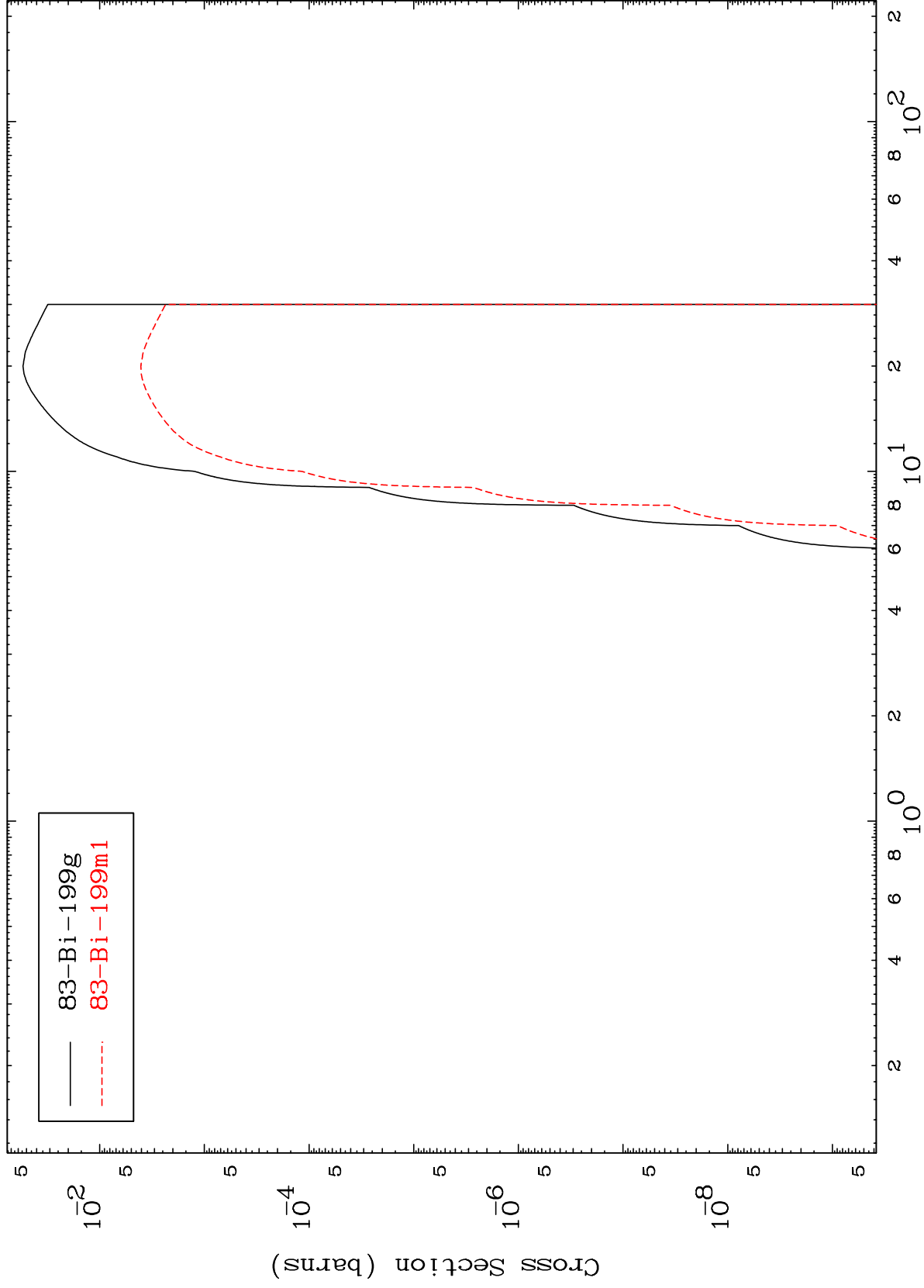
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

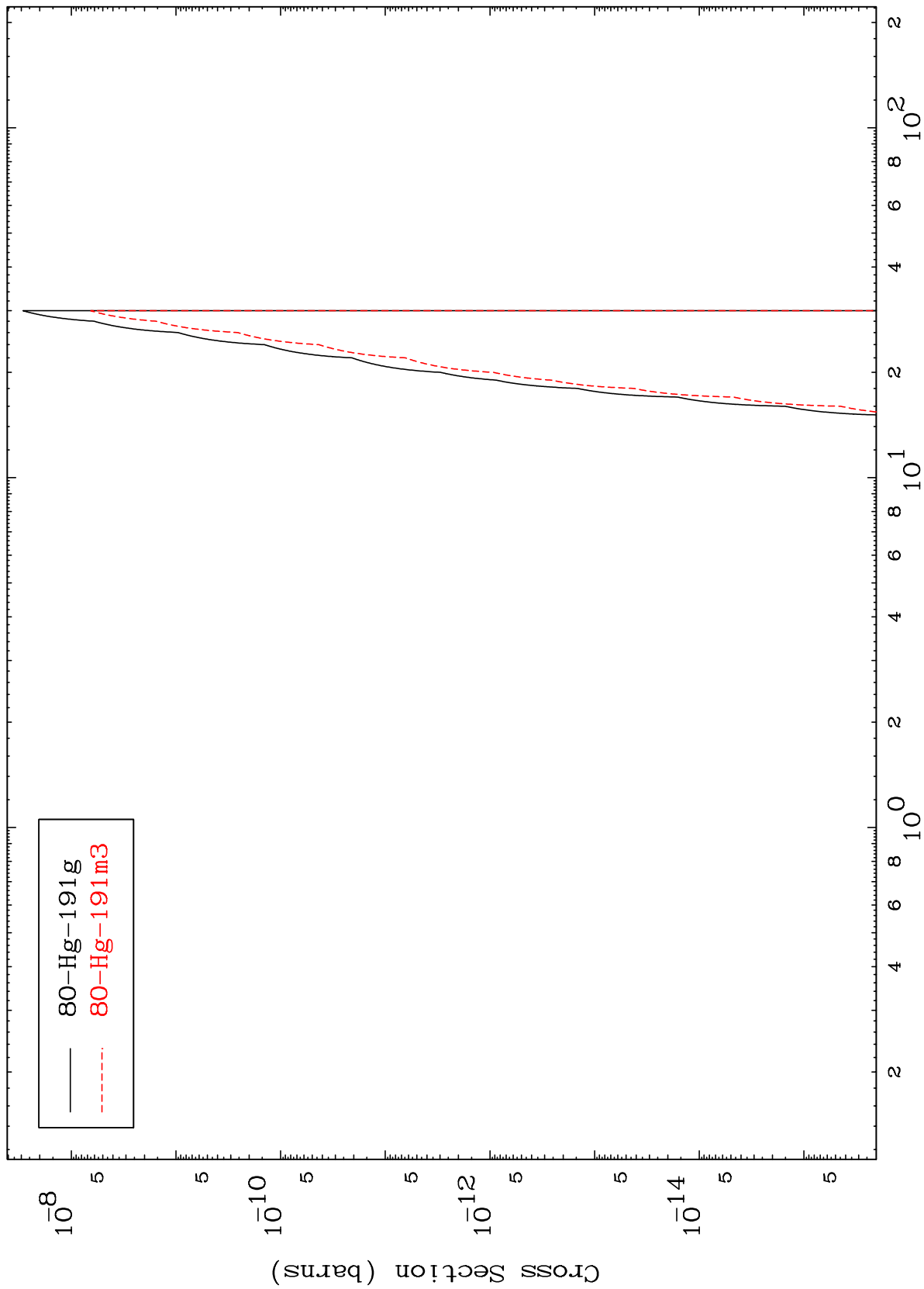
Radionuclide Production Cross Section
(n,n') p



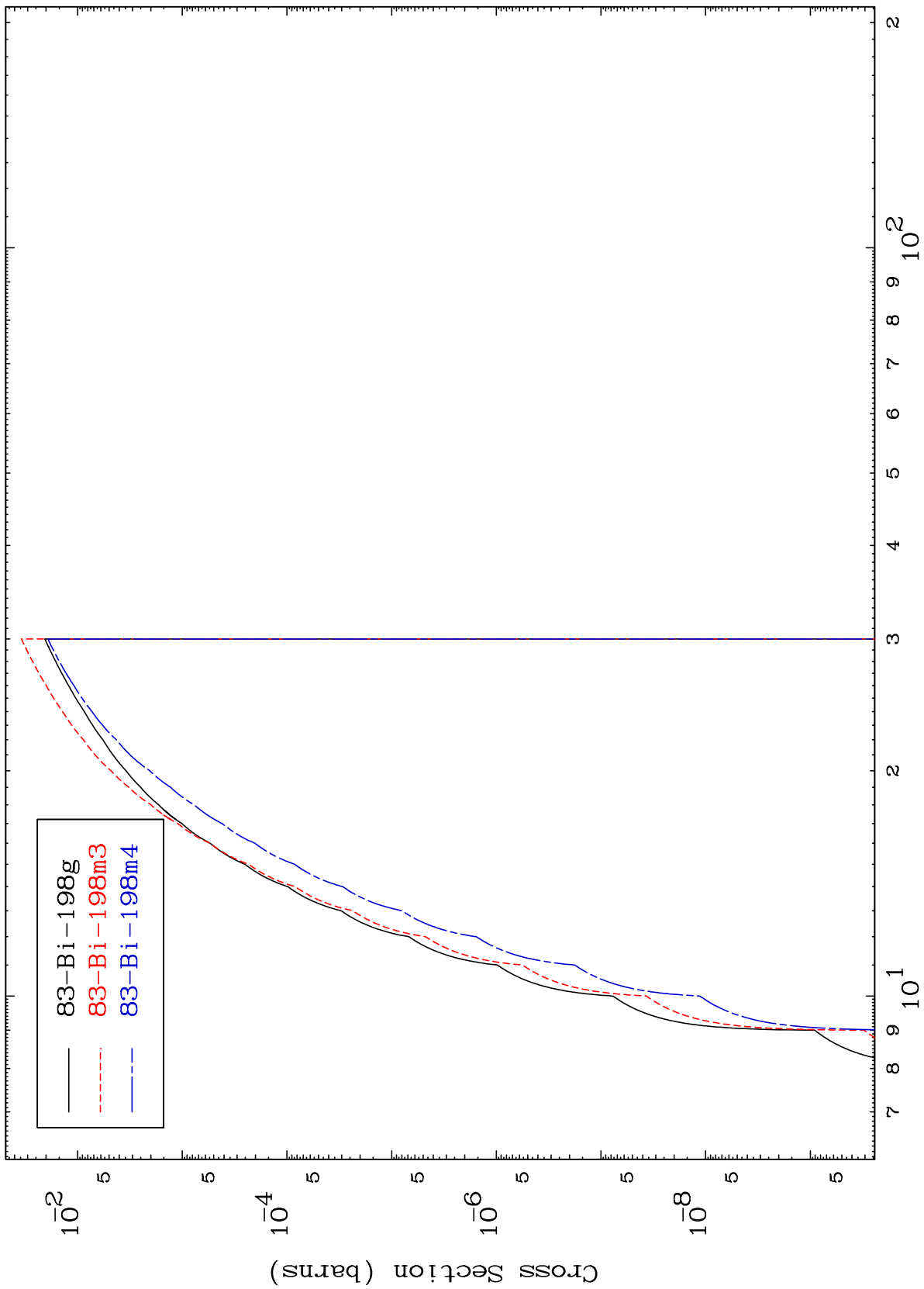
17

83-Bi-198

Radionuclide Production Cross Section



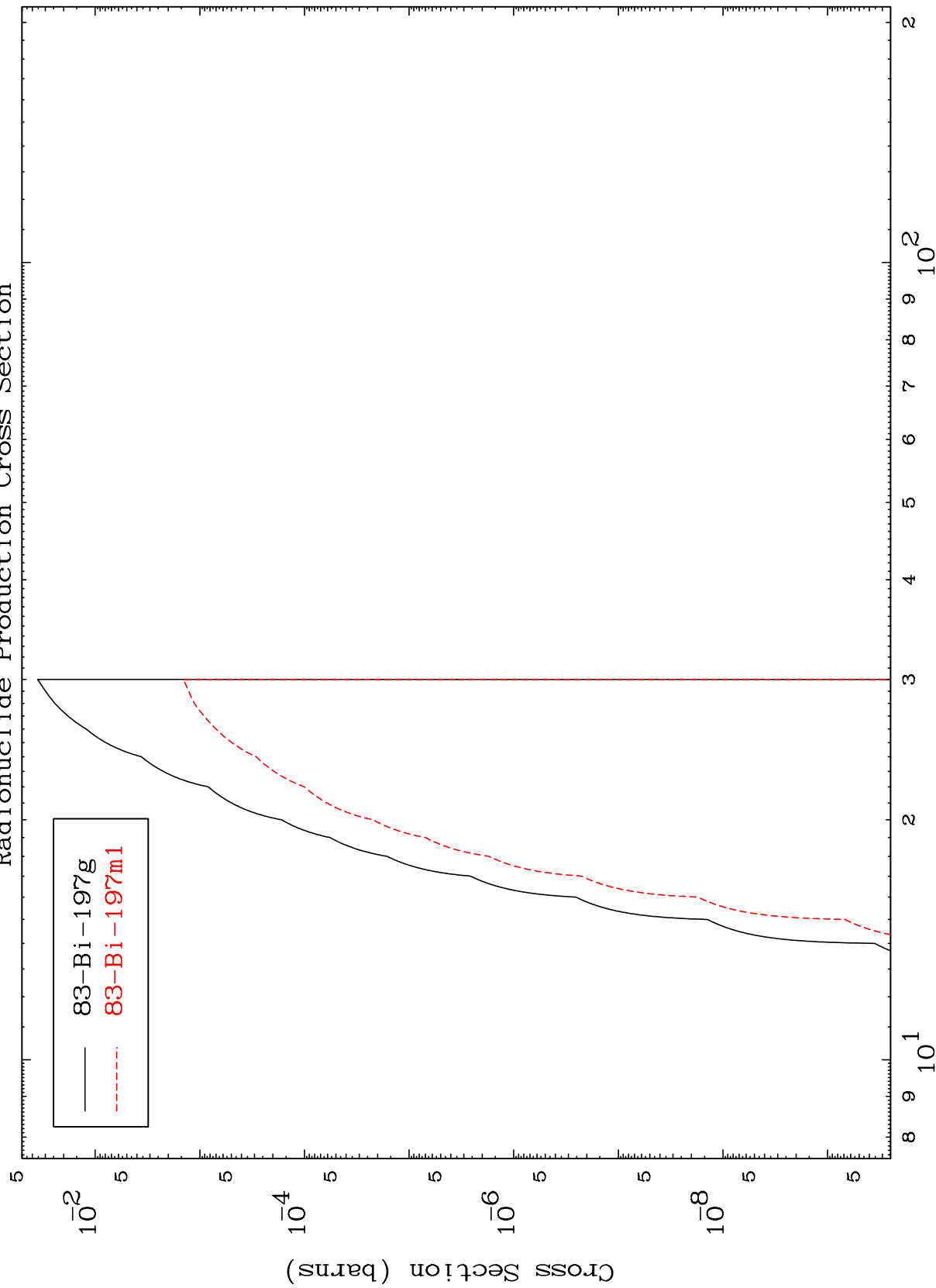
(n,n') d
Radionuclide Production Cross Section



MAT 8292

83-Bi-198

(n,n') t
Radionuclide Production Cross Section



83-Bi-198

Incident Energy (MeV)

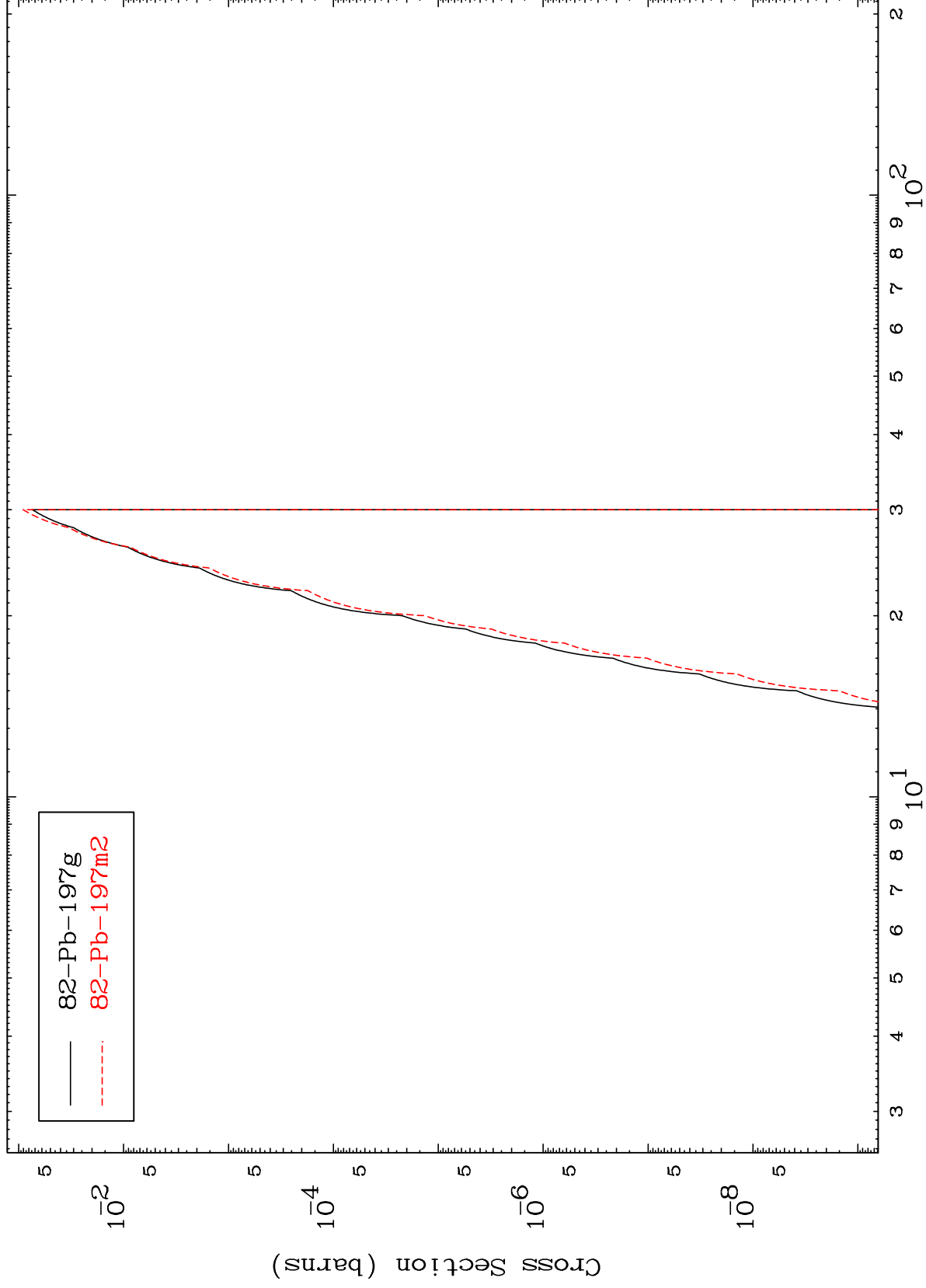
20

MAT 8292

(n,n') He-3

83-Bi-198

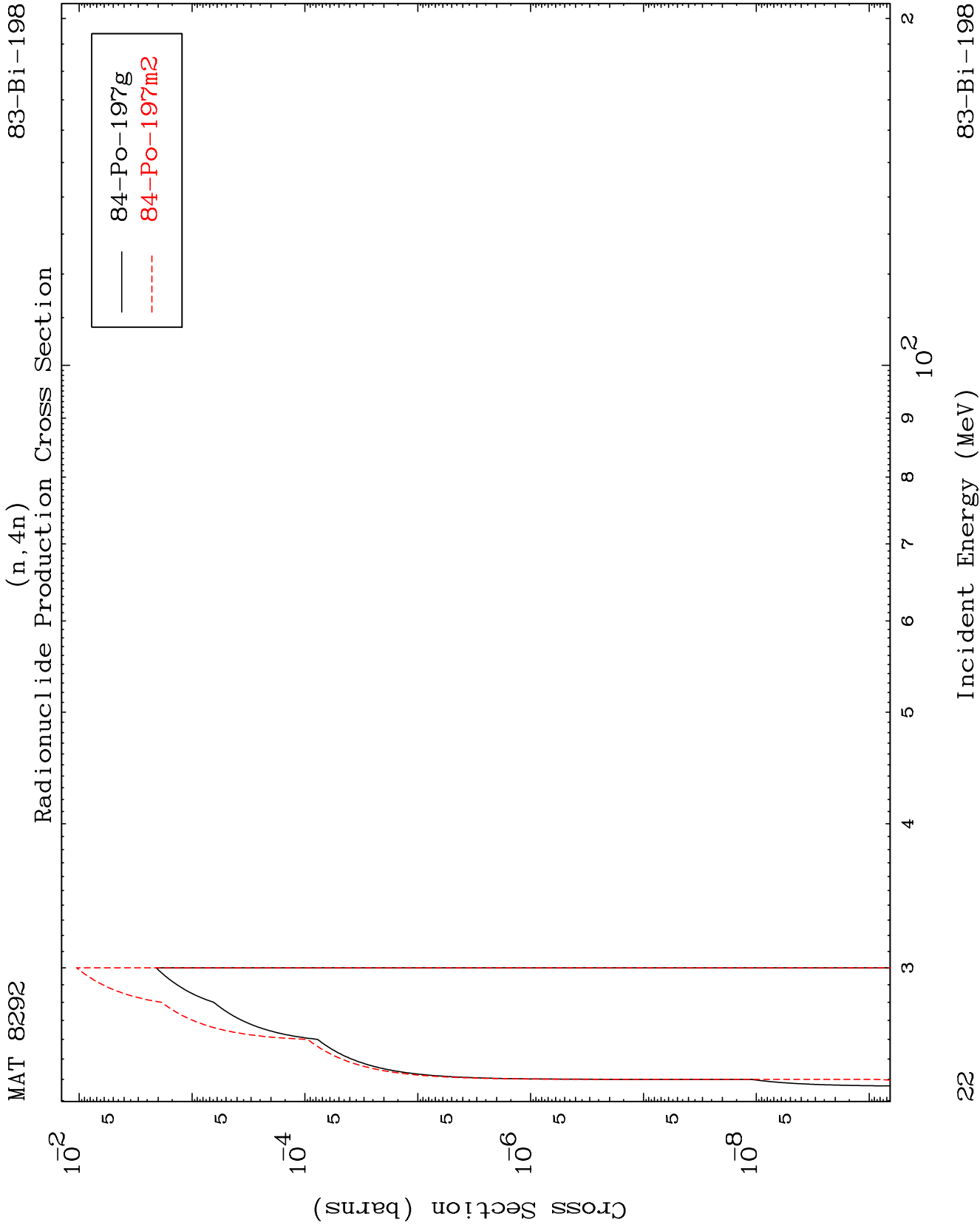
Radionuclide Production Cross Section



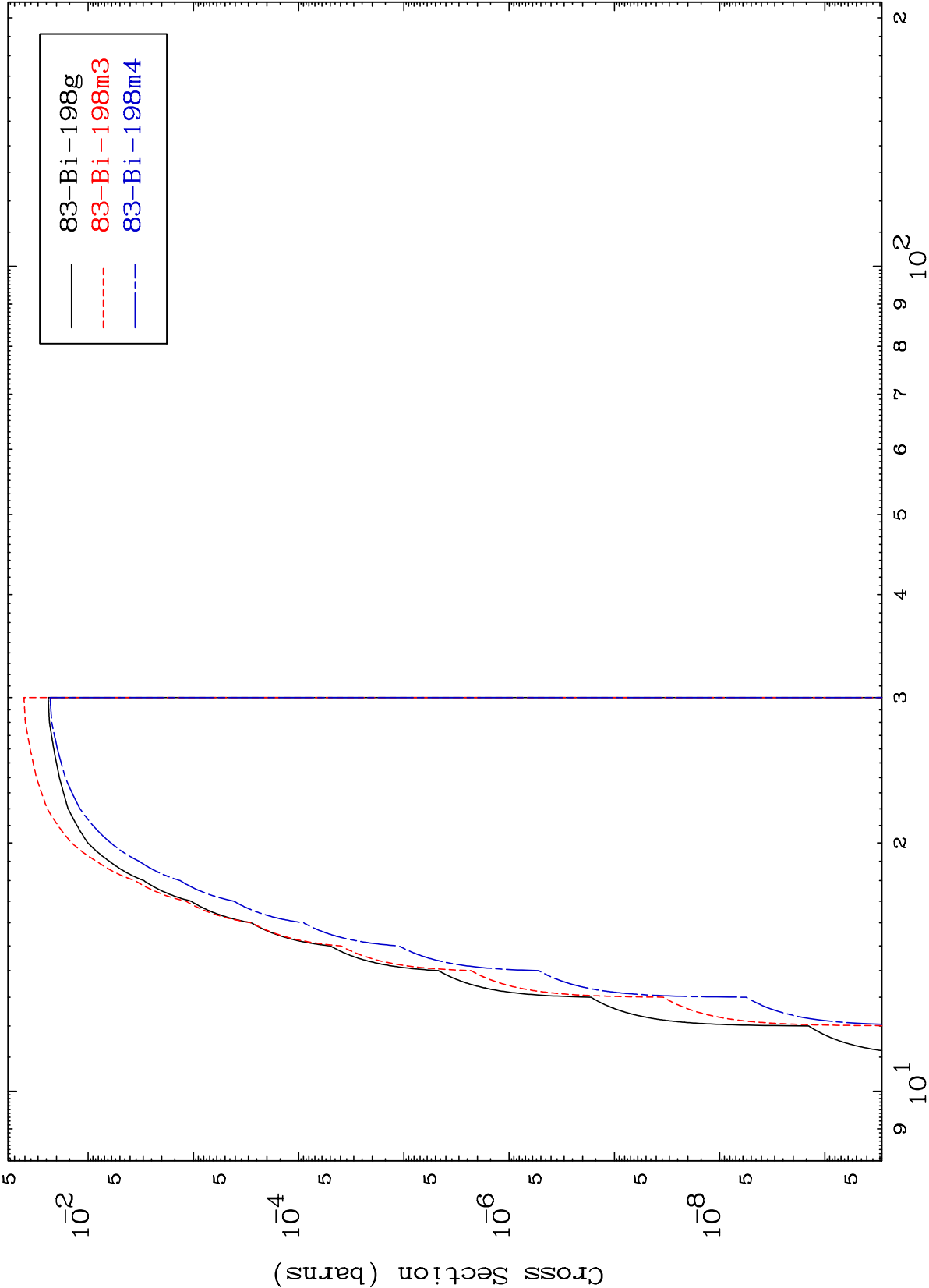
21

Incident Energy (MeV)

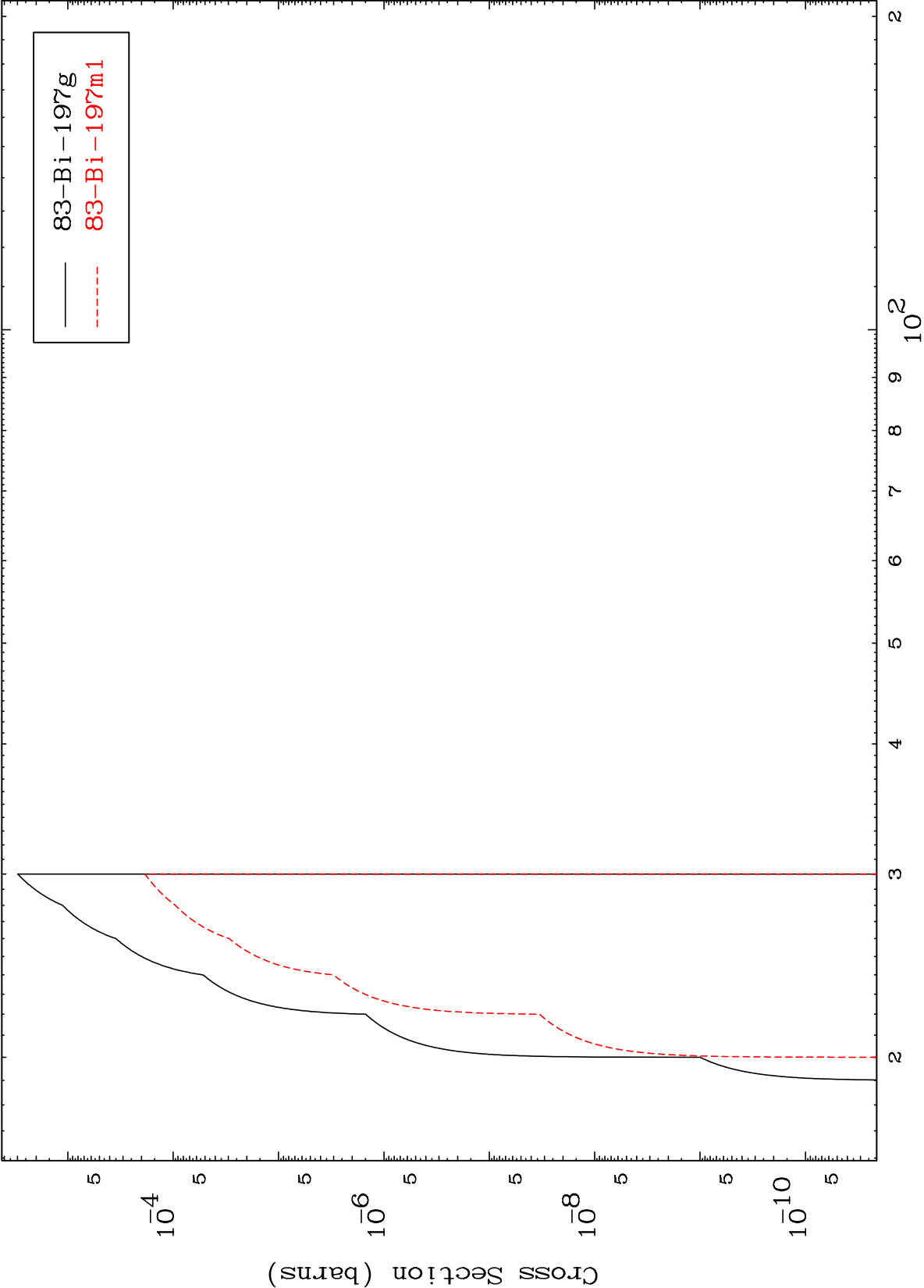
83-Bi-198



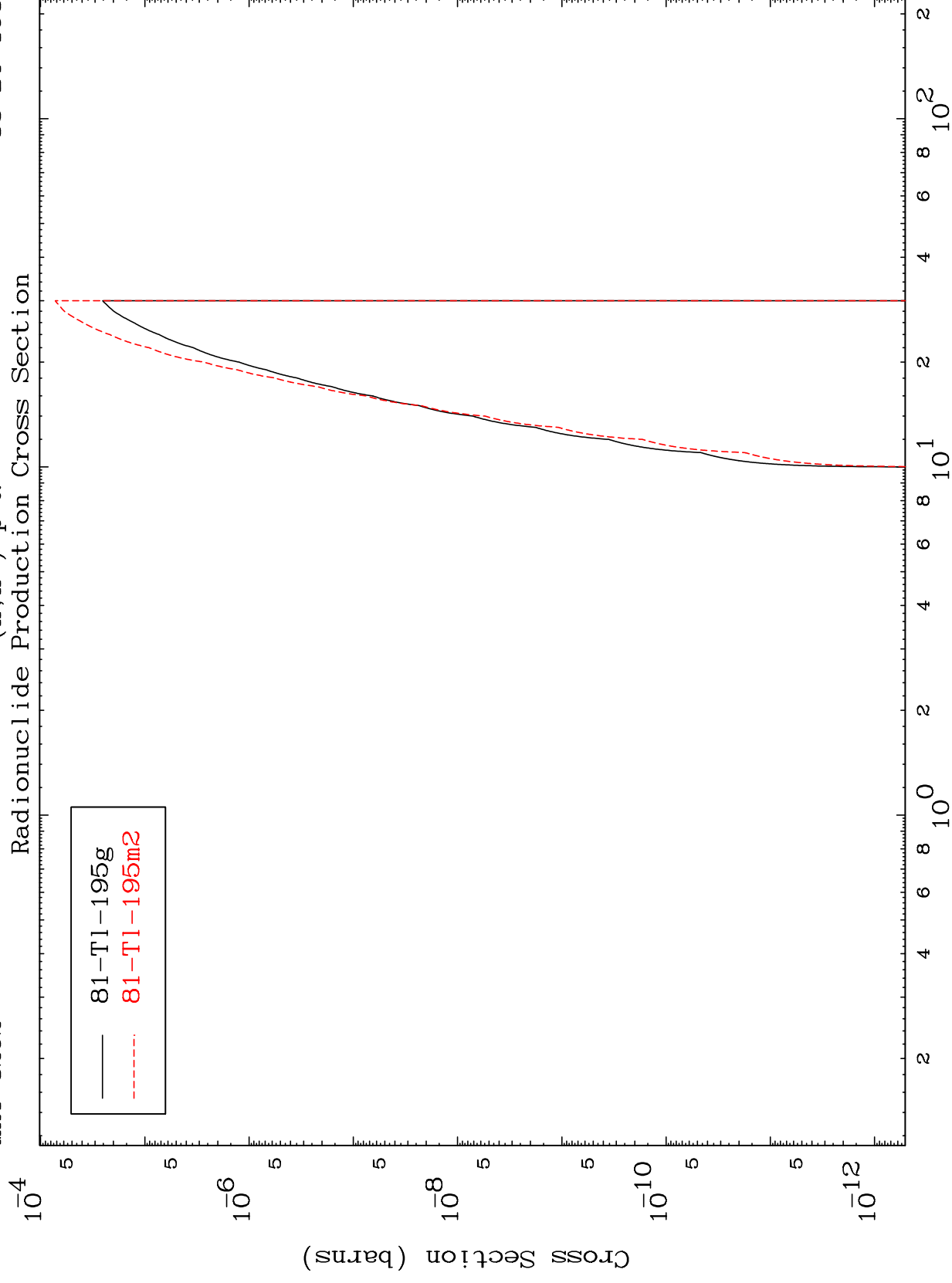
(n,2n) p
Radionuclide Production Cross Section



(n,3n) p
Radionuclide Production Cross Section



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

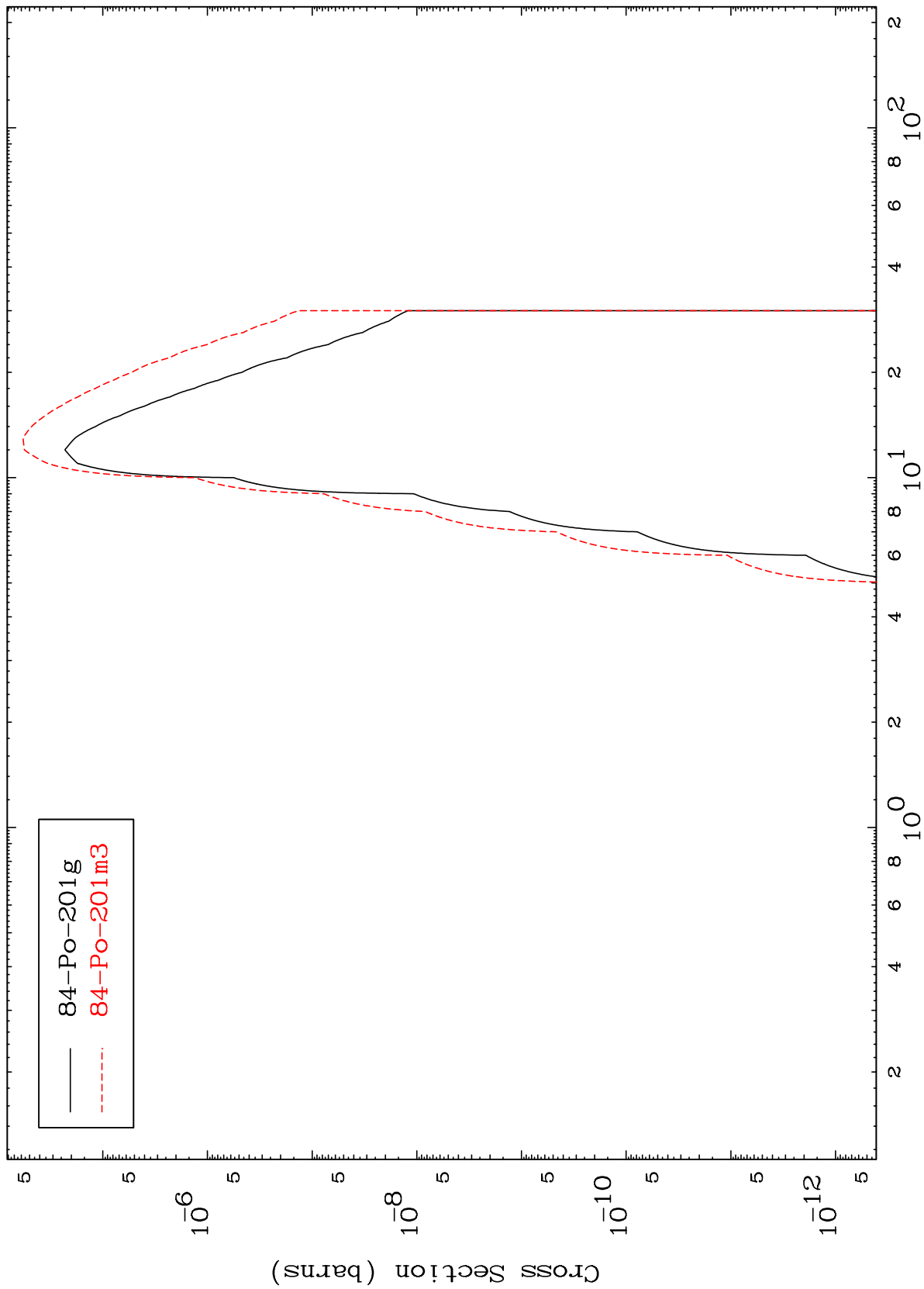
$$(n, n') \propto$$


25

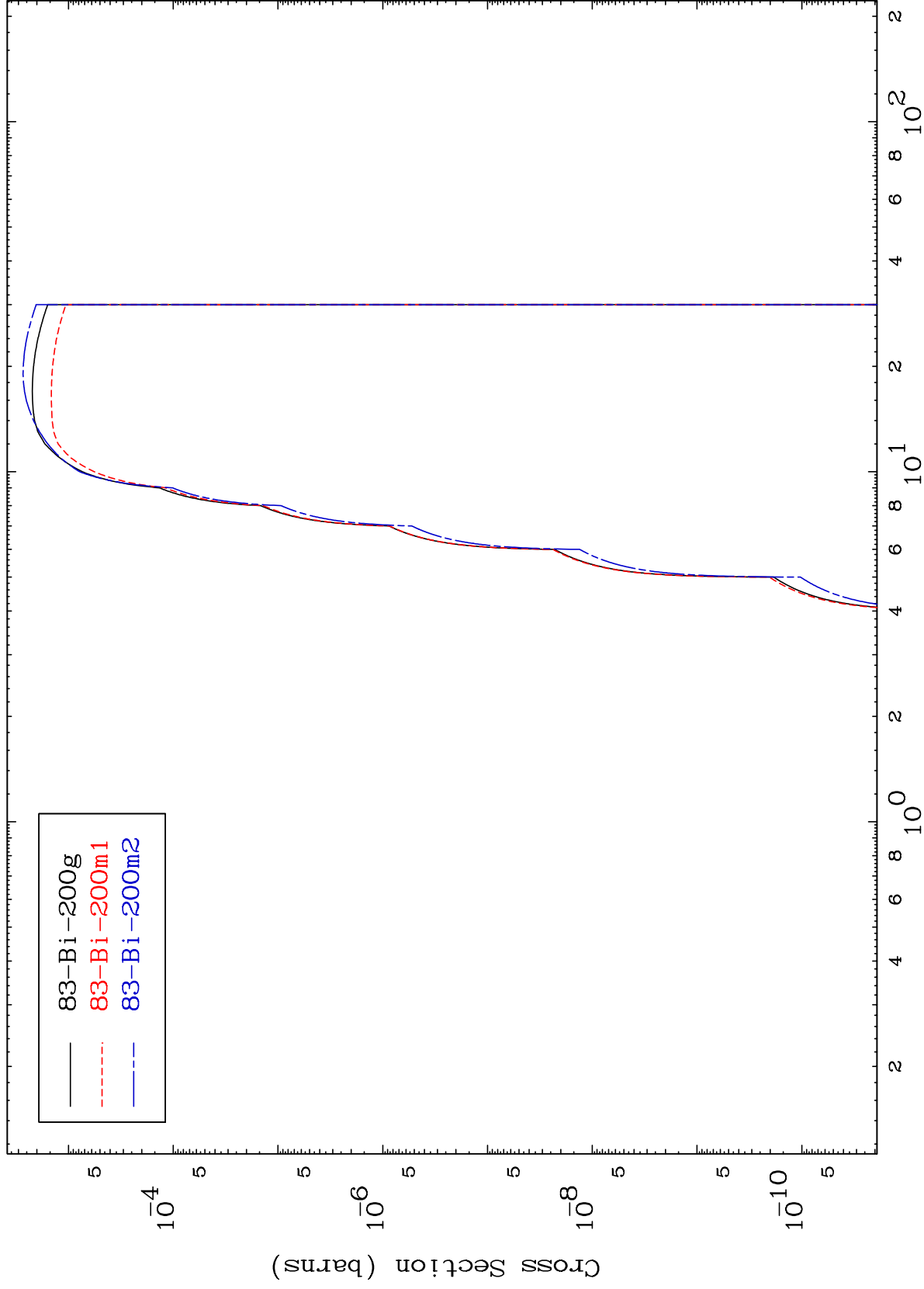
Incident Energy (MeV)

83-Bi-198

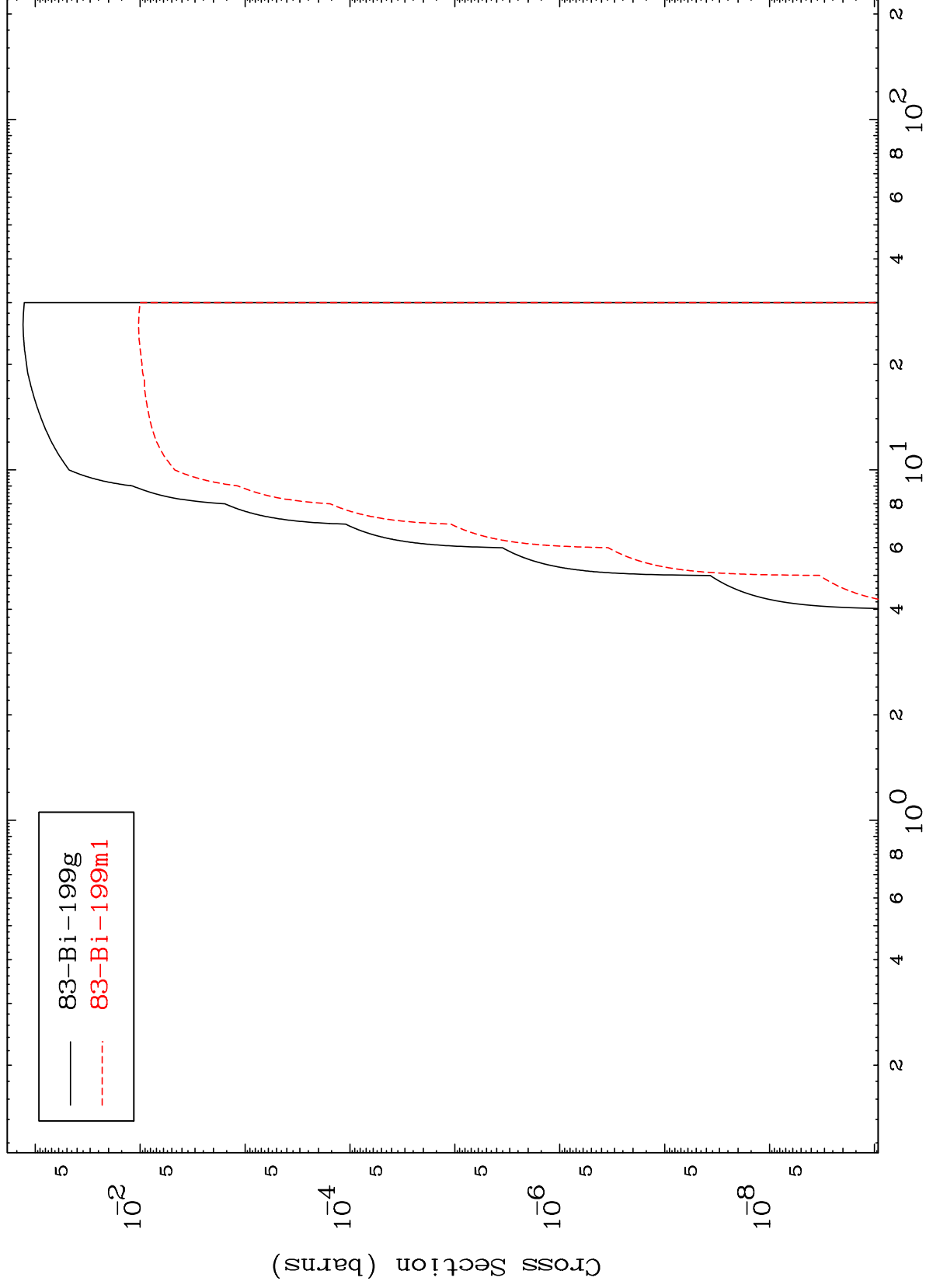
Radionuclide Production Cross Section
(n, γ)



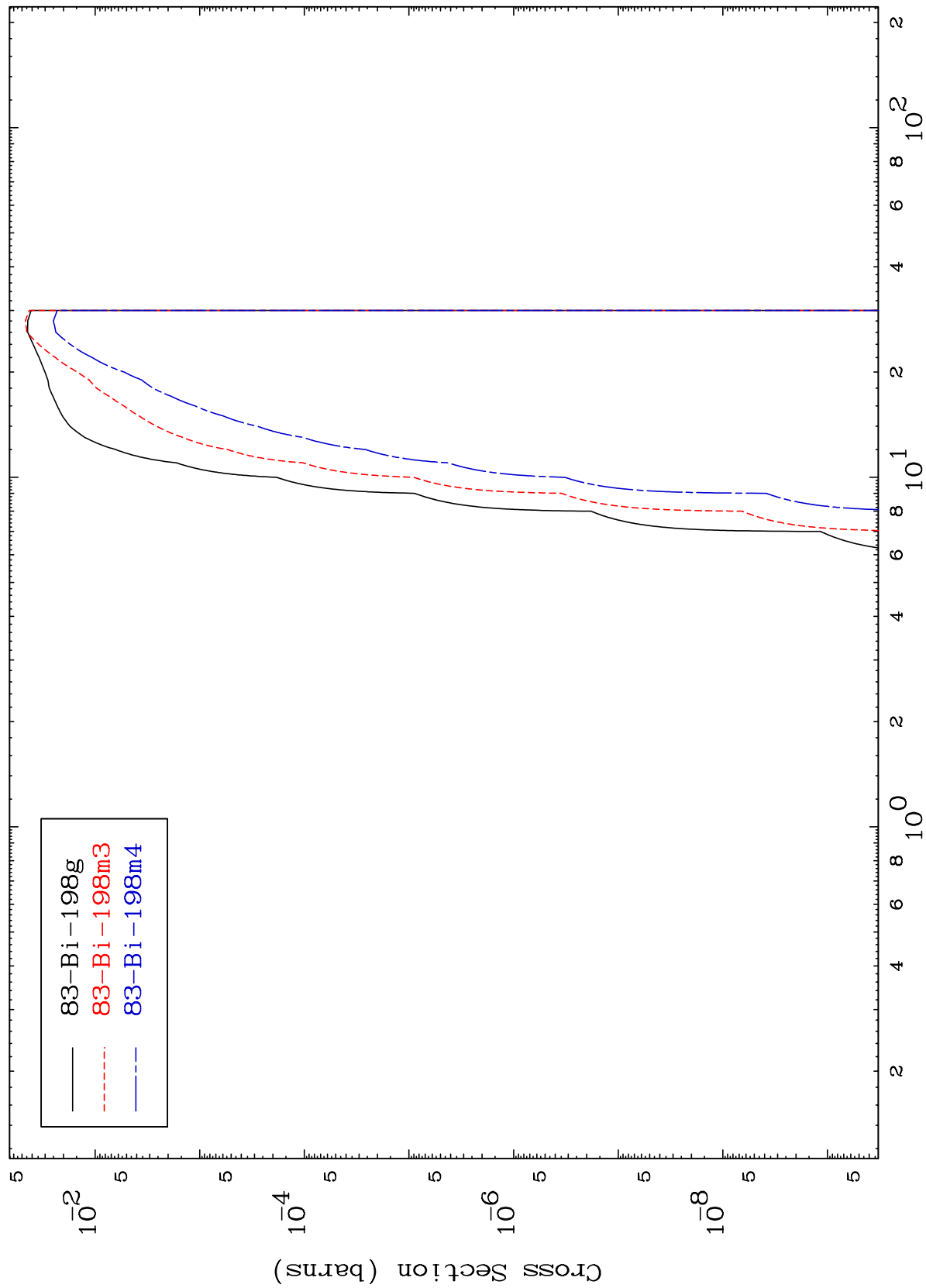
Radionuclide Production Cross Section (n,p)

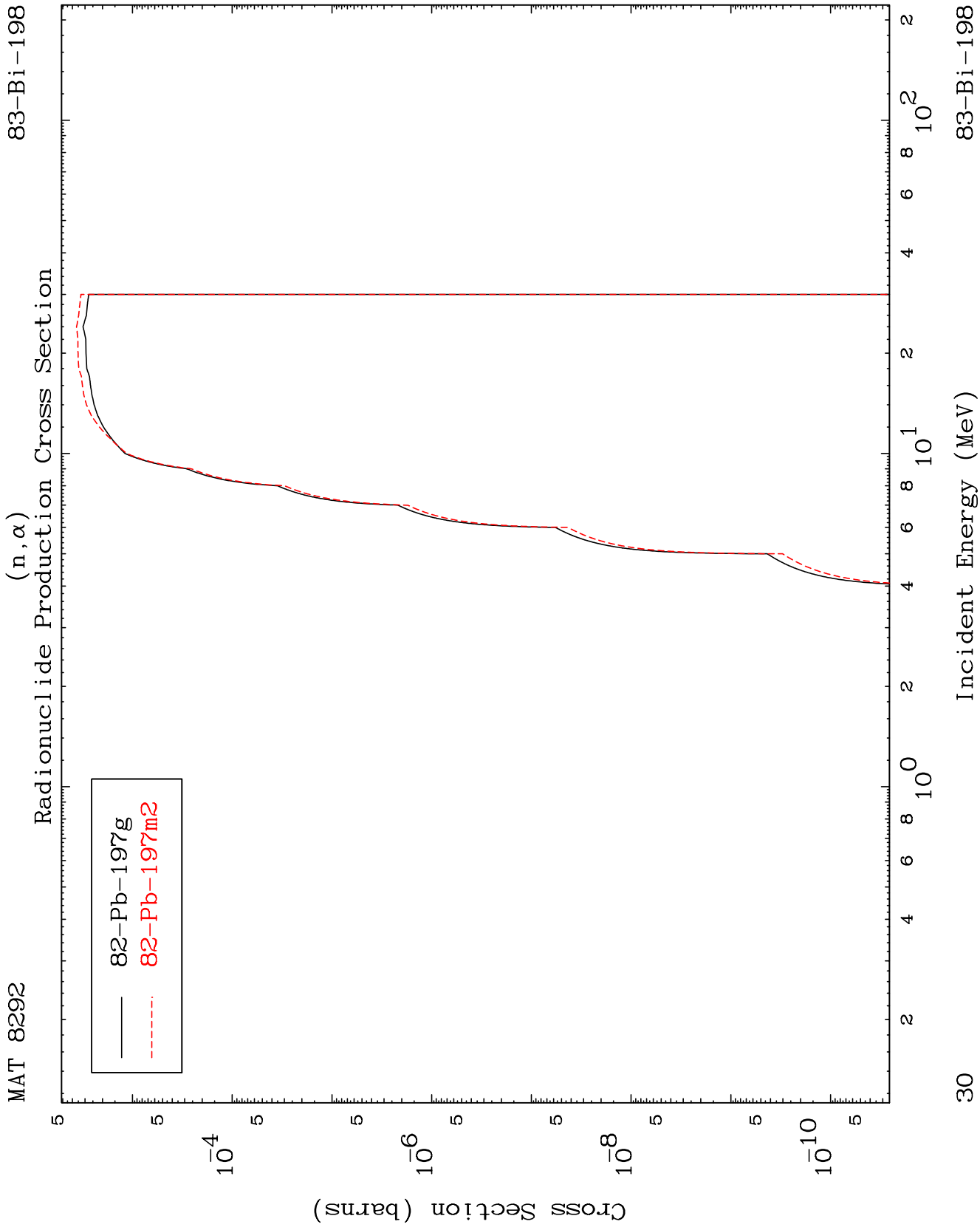


Radionuclide Production Cross Section (n,d)

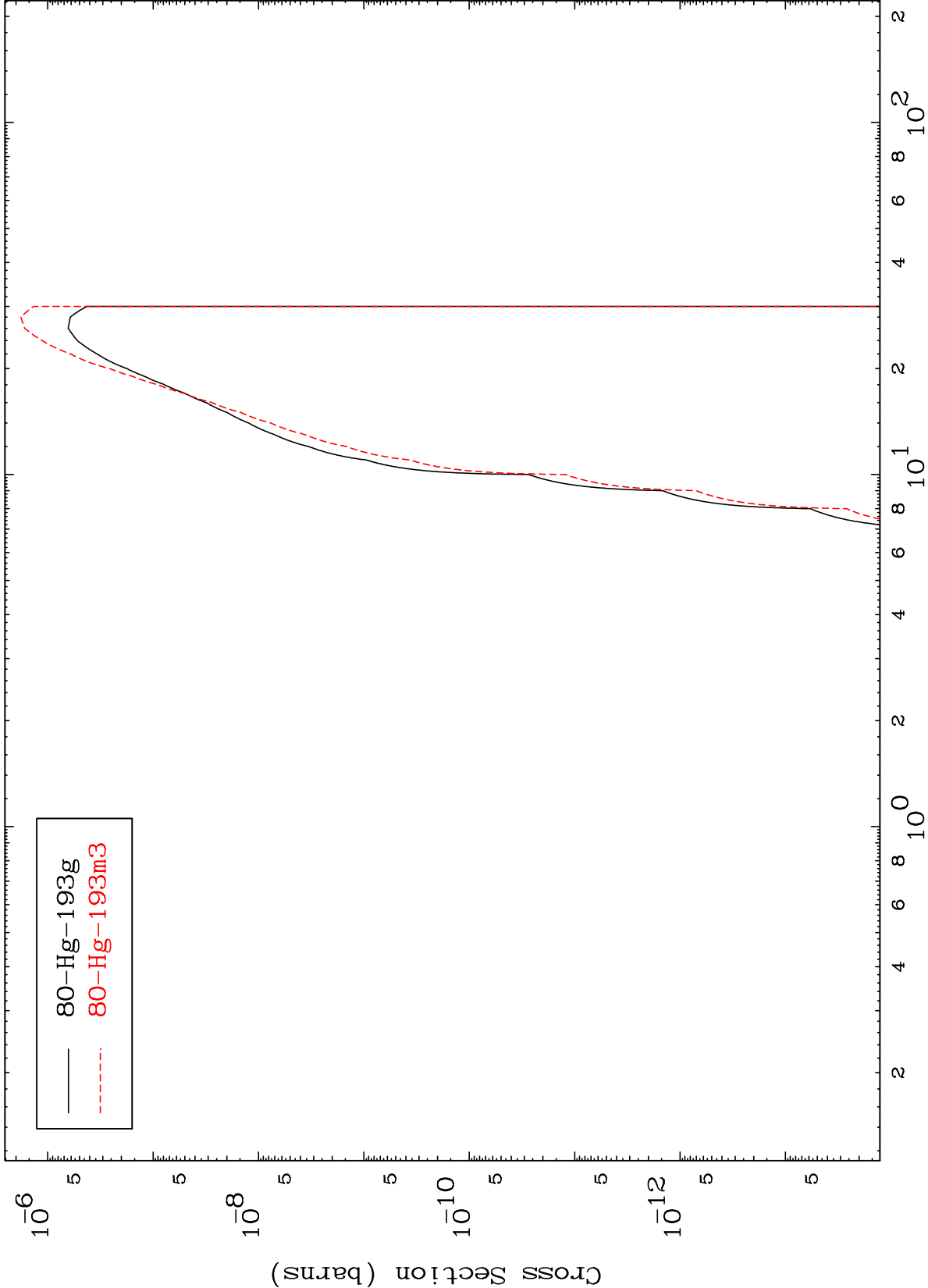


Radionuclide Production Cross Section
(n,t)

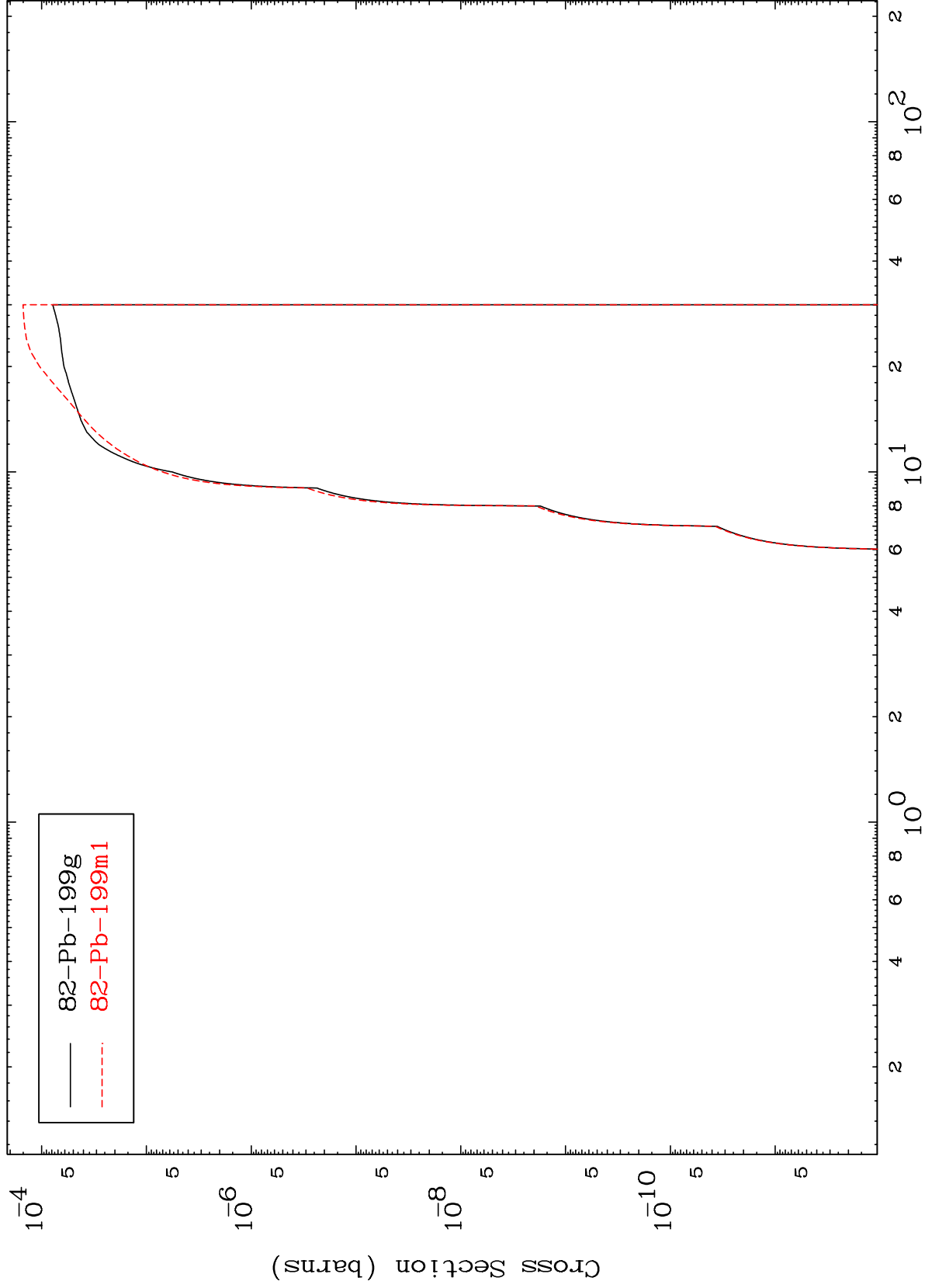




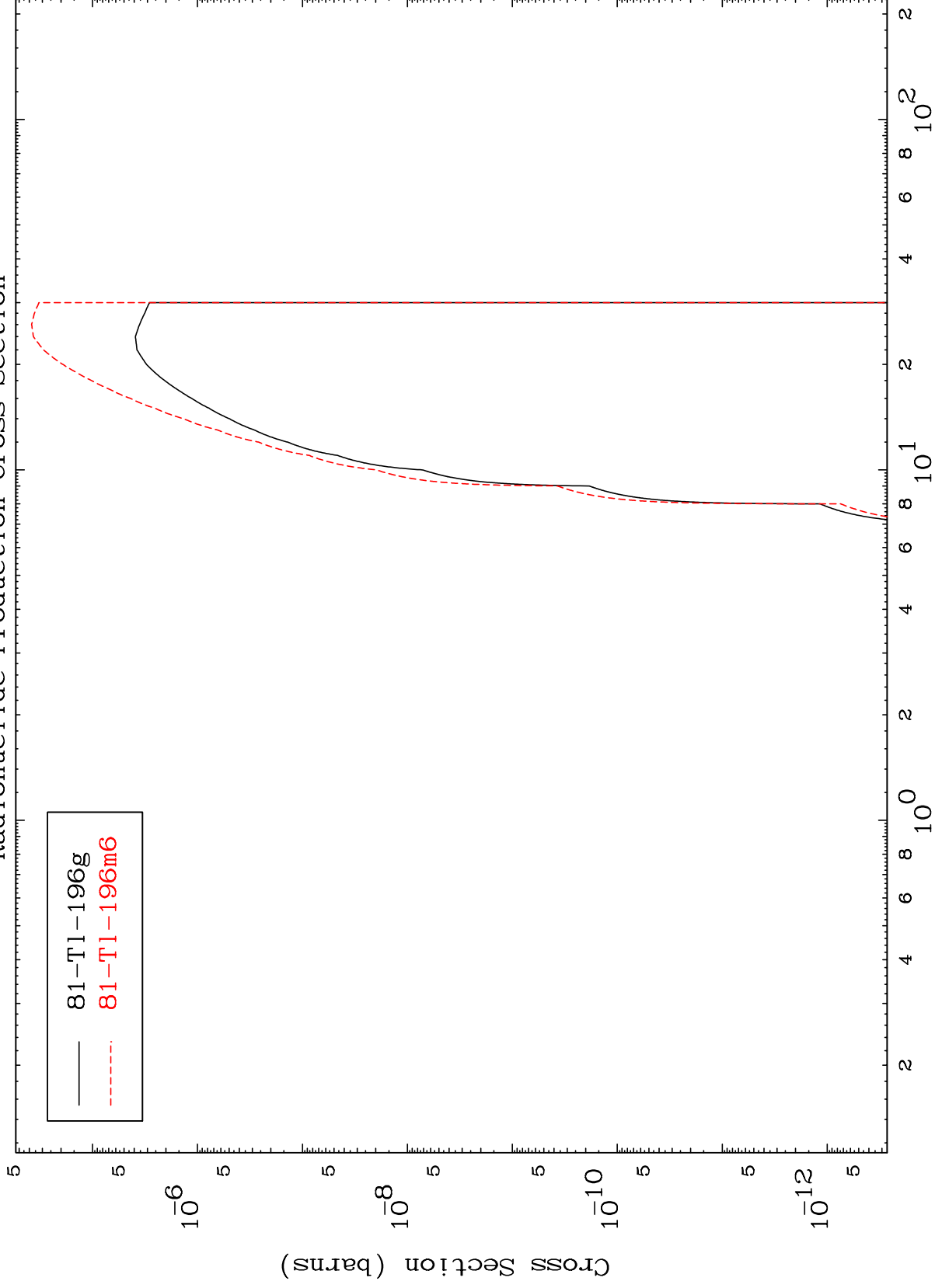
Radionuclide Production Cross Section
(n,2α)



(n,2p)
Radionuclide Production Cross Section



(n,p) α
Radionuclide Production Cross Section

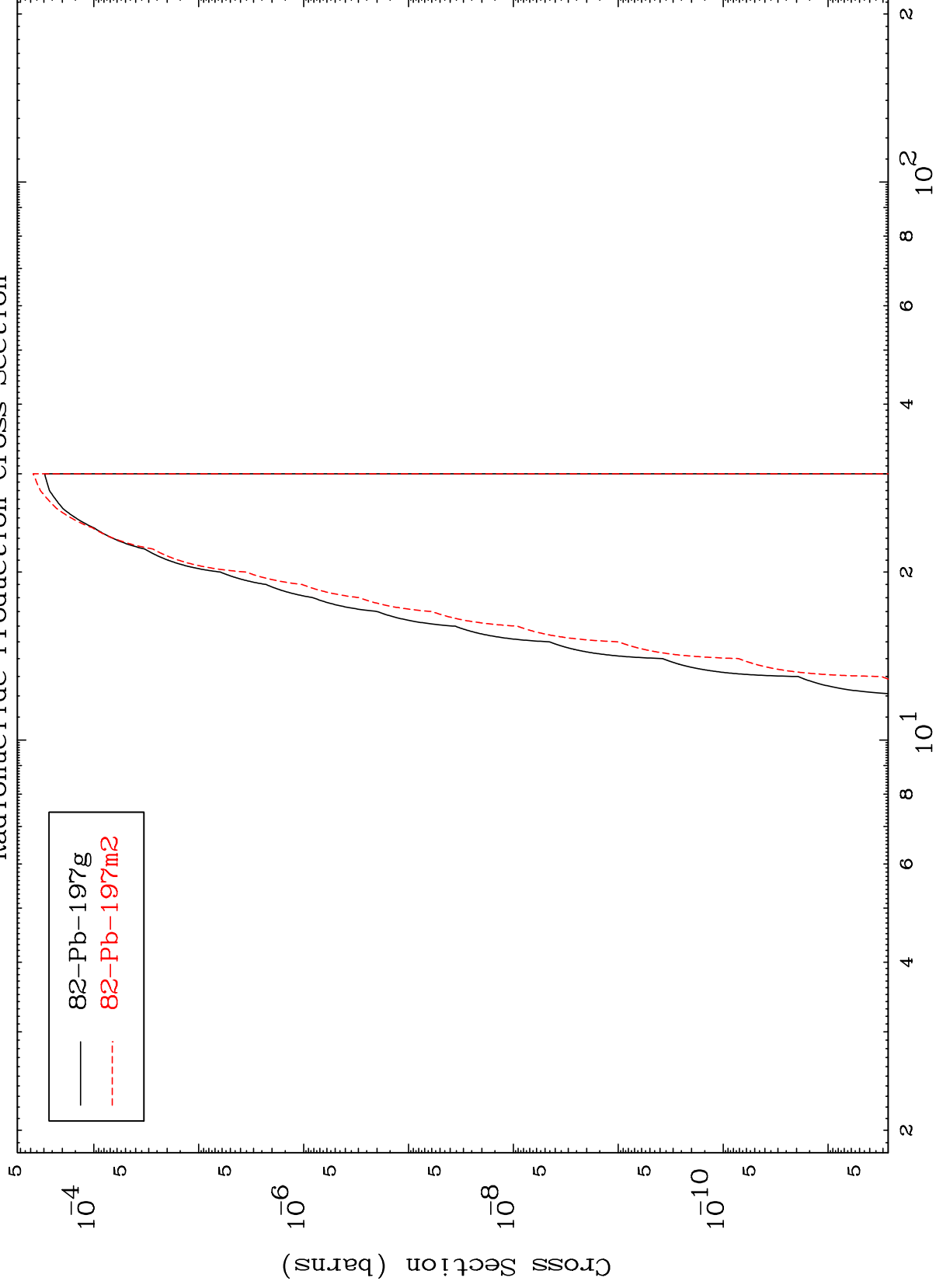


MAT 8292

83-Bi-198

(n,p) t

Radionuclide Production Cross Section



34

Incident Energy (MeV)

83-Bi-198

Radionuclide Production Cross Section
(n,d) α

