

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

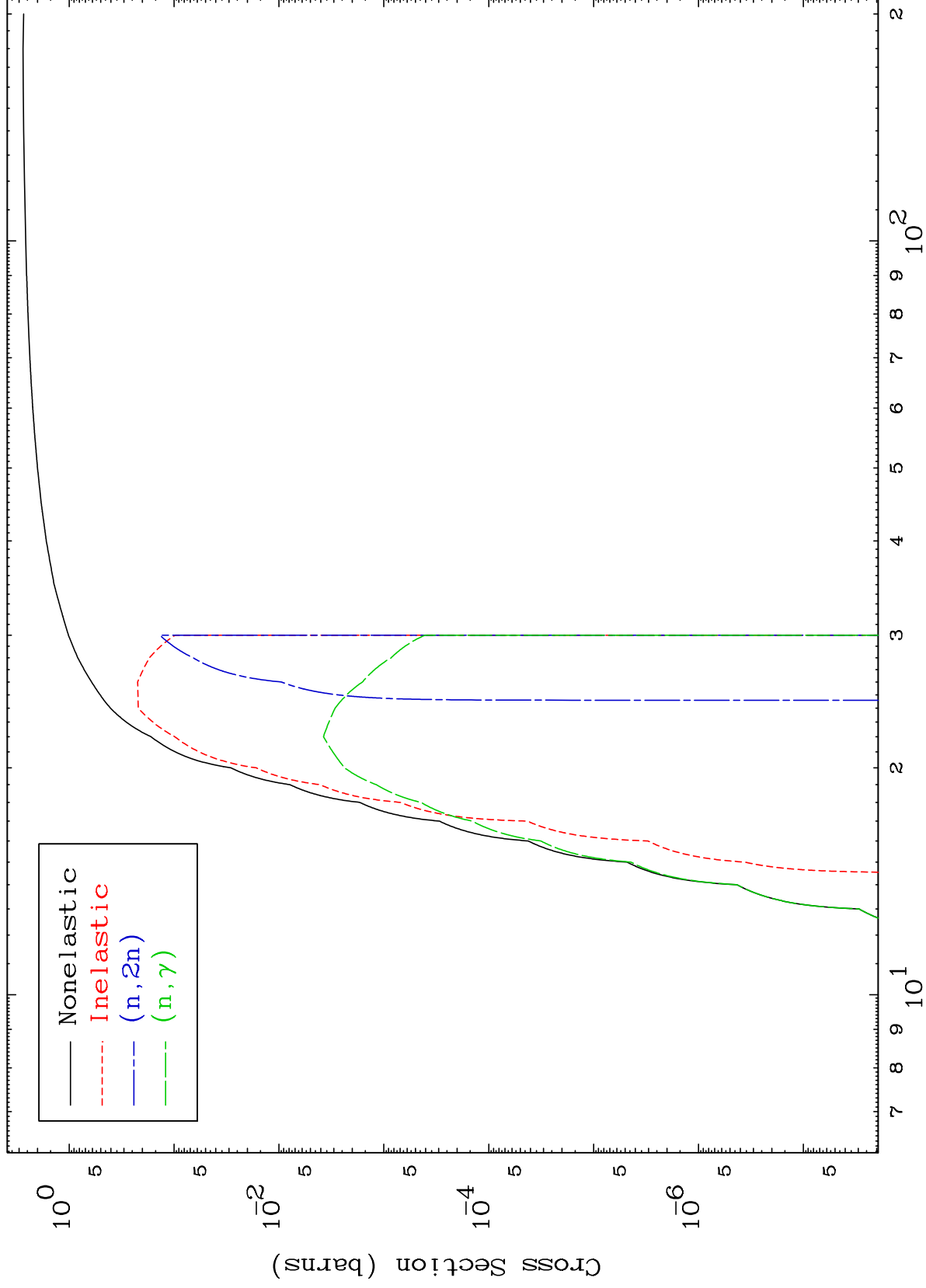
Press Mouse Button to Start

MAT 8292

α Major

83-Bi-198

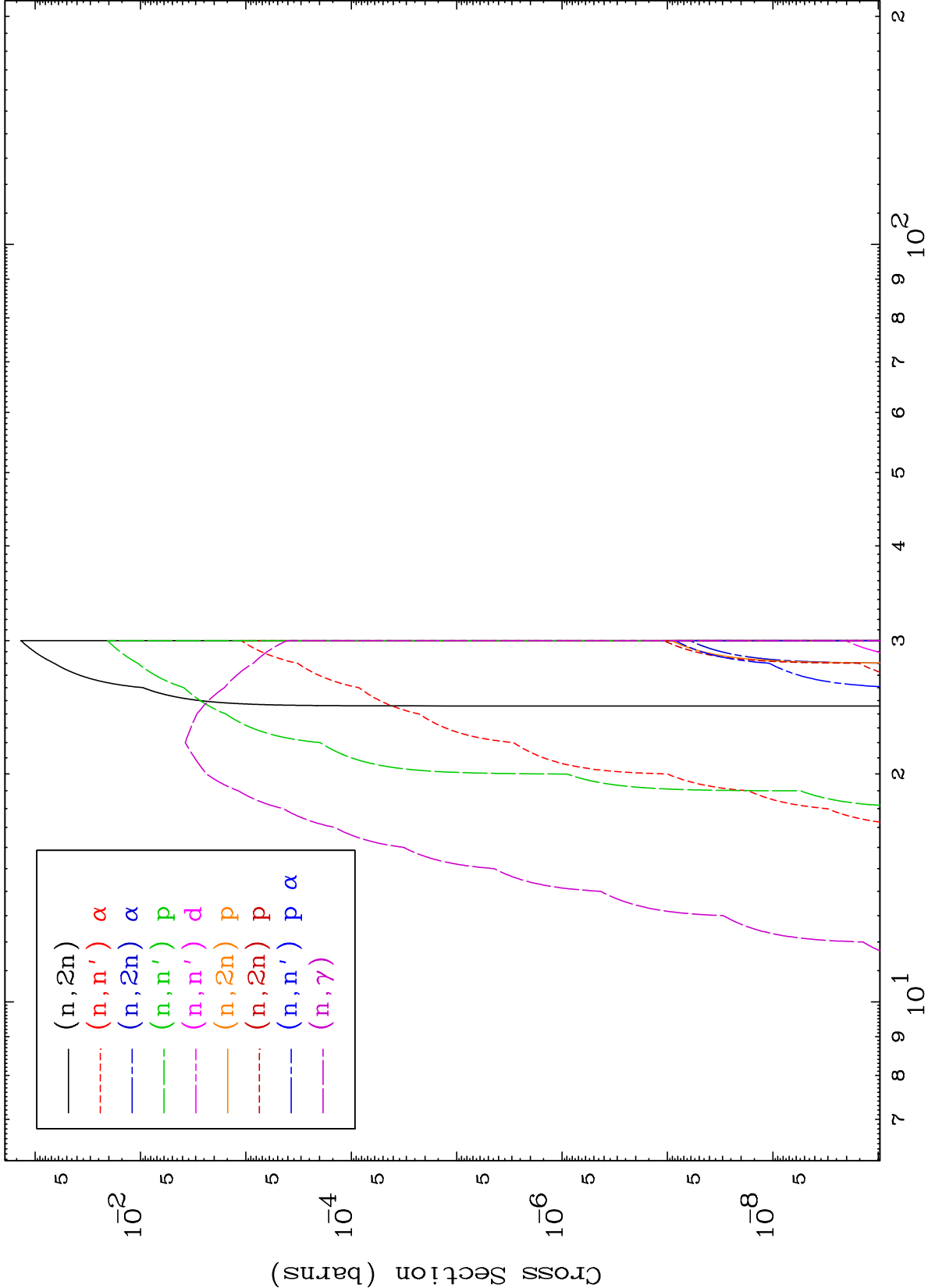
0 Kelvin Cross Sections



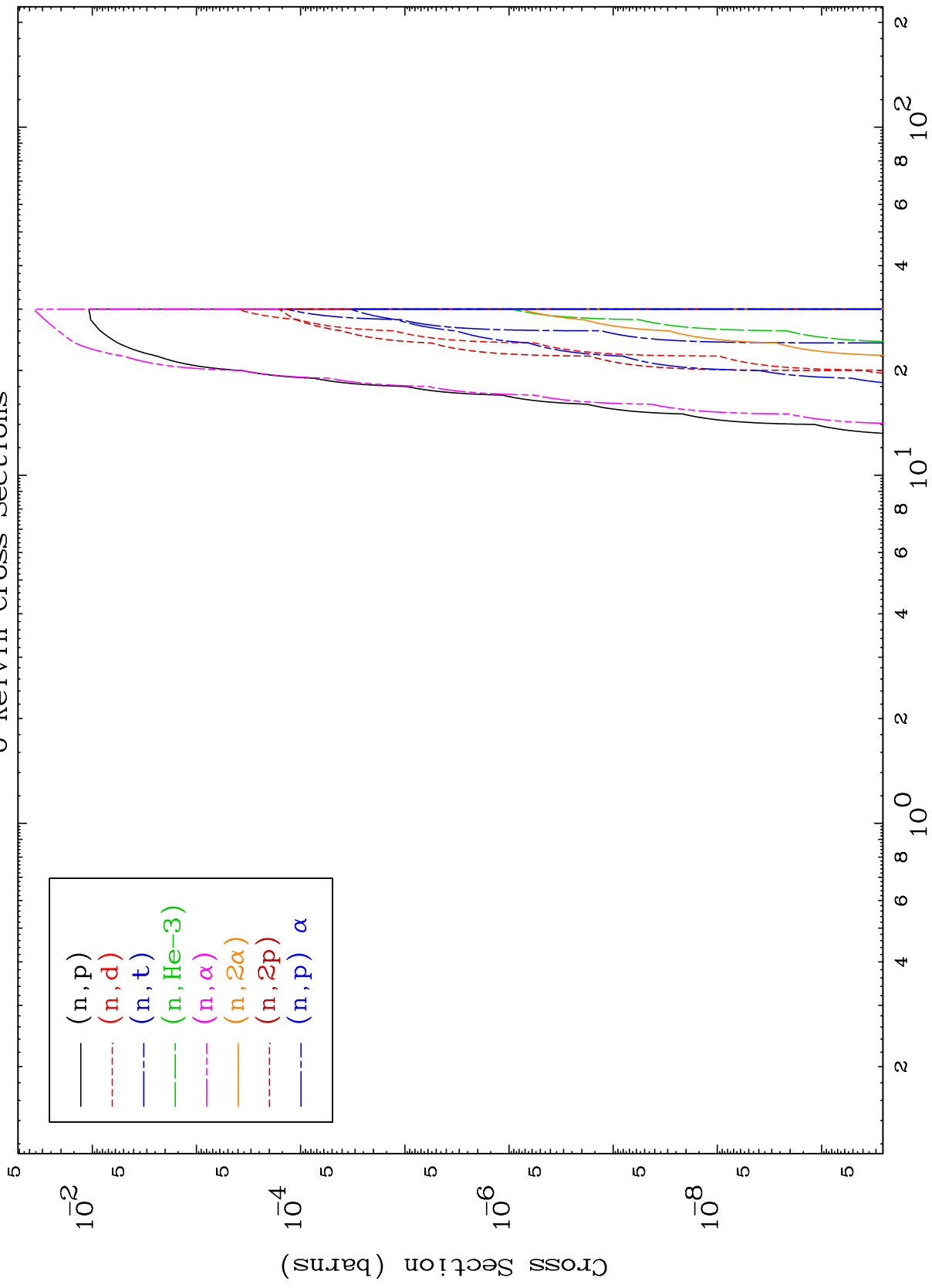
1

Incident Energy (MeV)

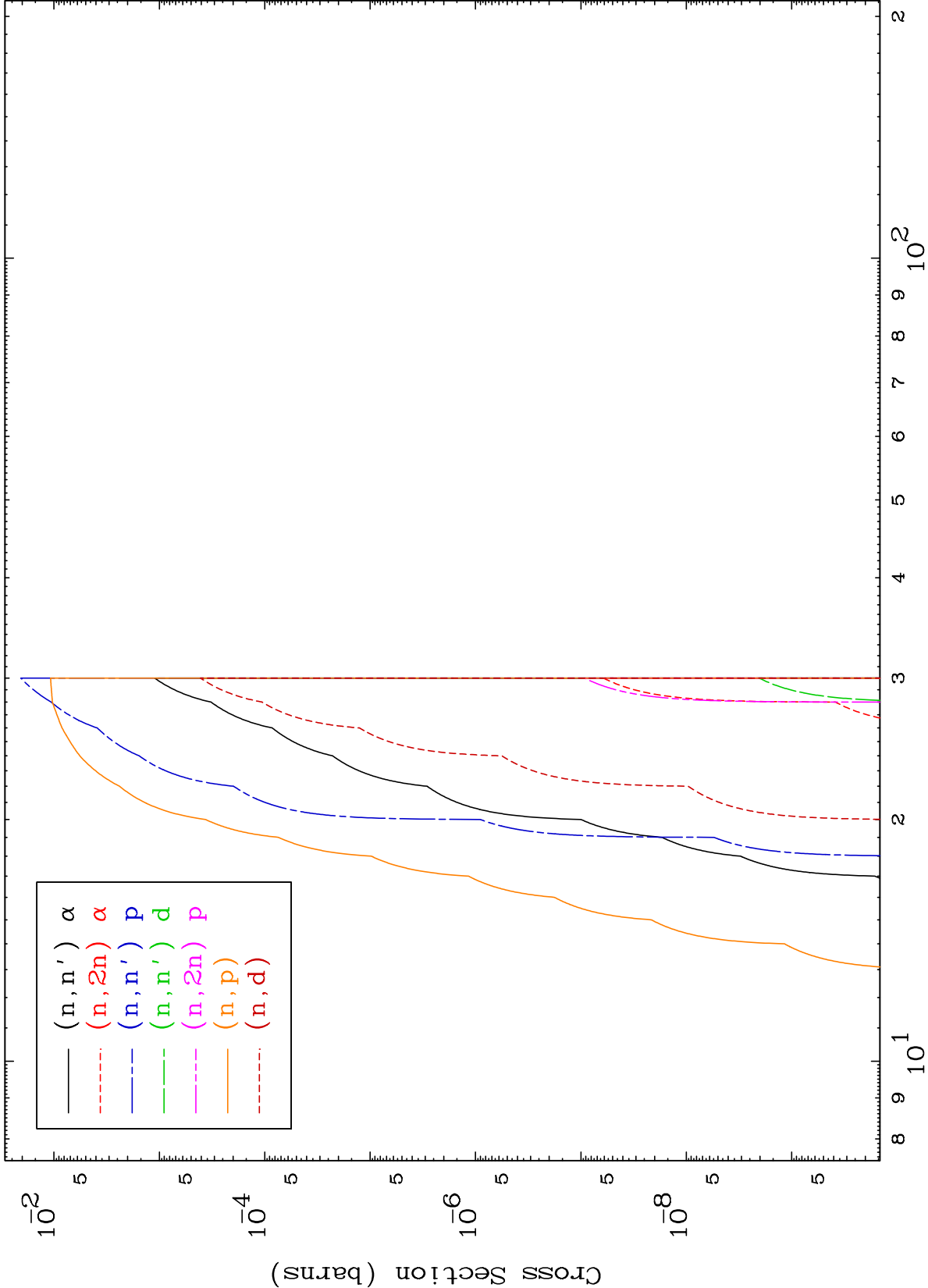
83-Bi-198



0 Kelvin Cross Sections

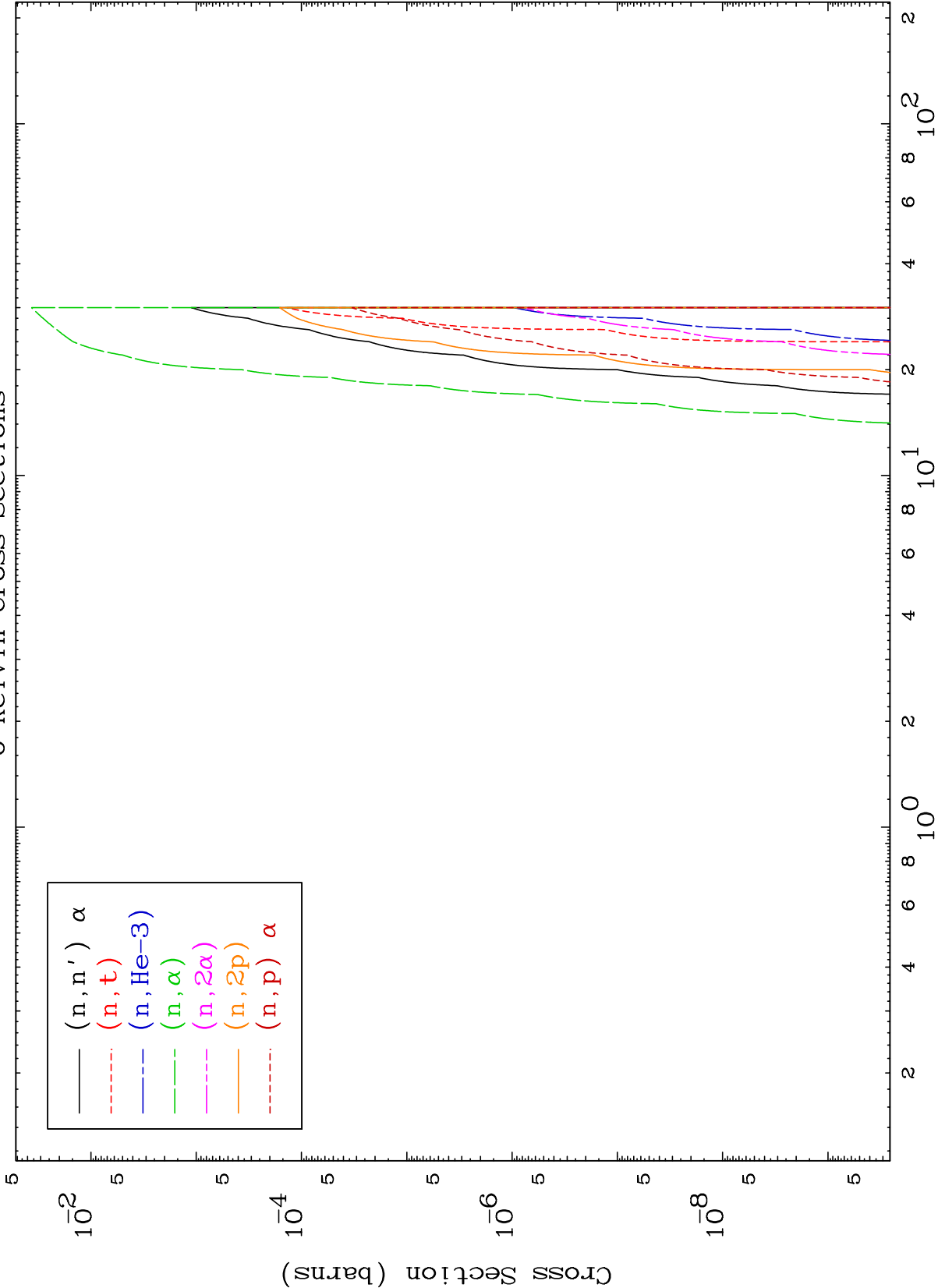


0 Kelvin Cross Sections



Incident Energy (MeV)

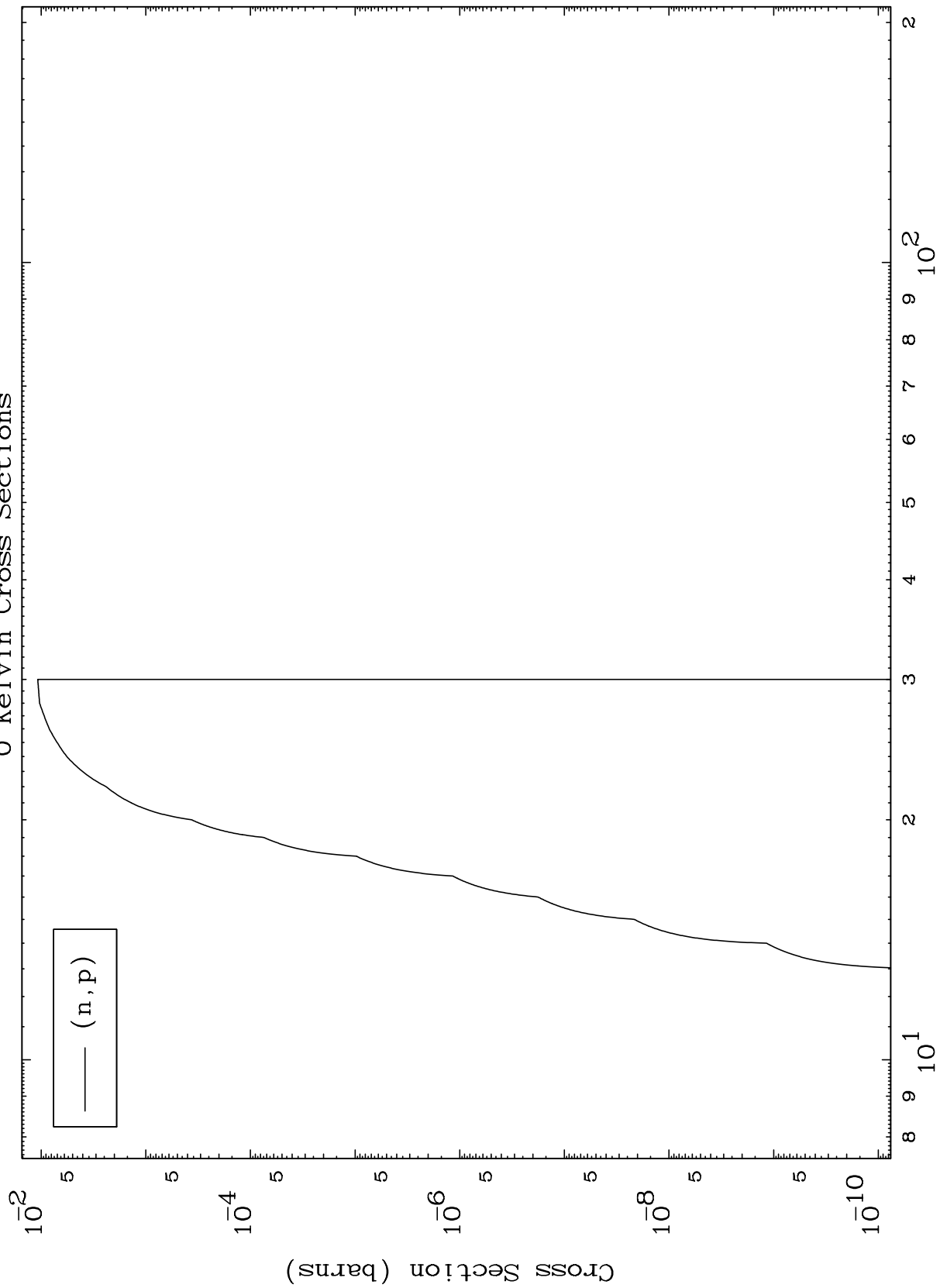
0 Kelvin Cross Sections



MAT 8292

83-Bi-198

(α, p) Levels
0 Kelvin Cross Sections

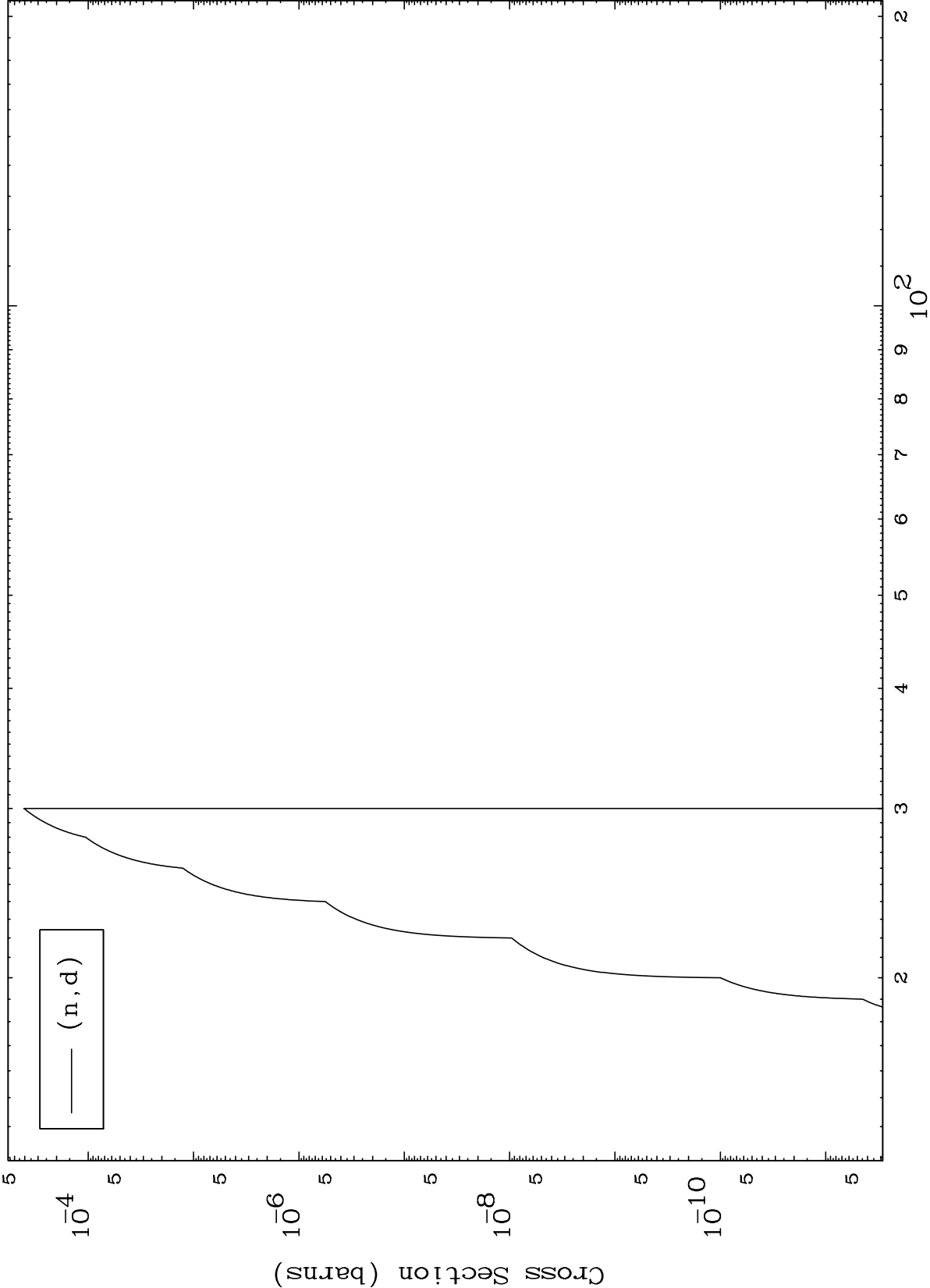


83-Bi-198

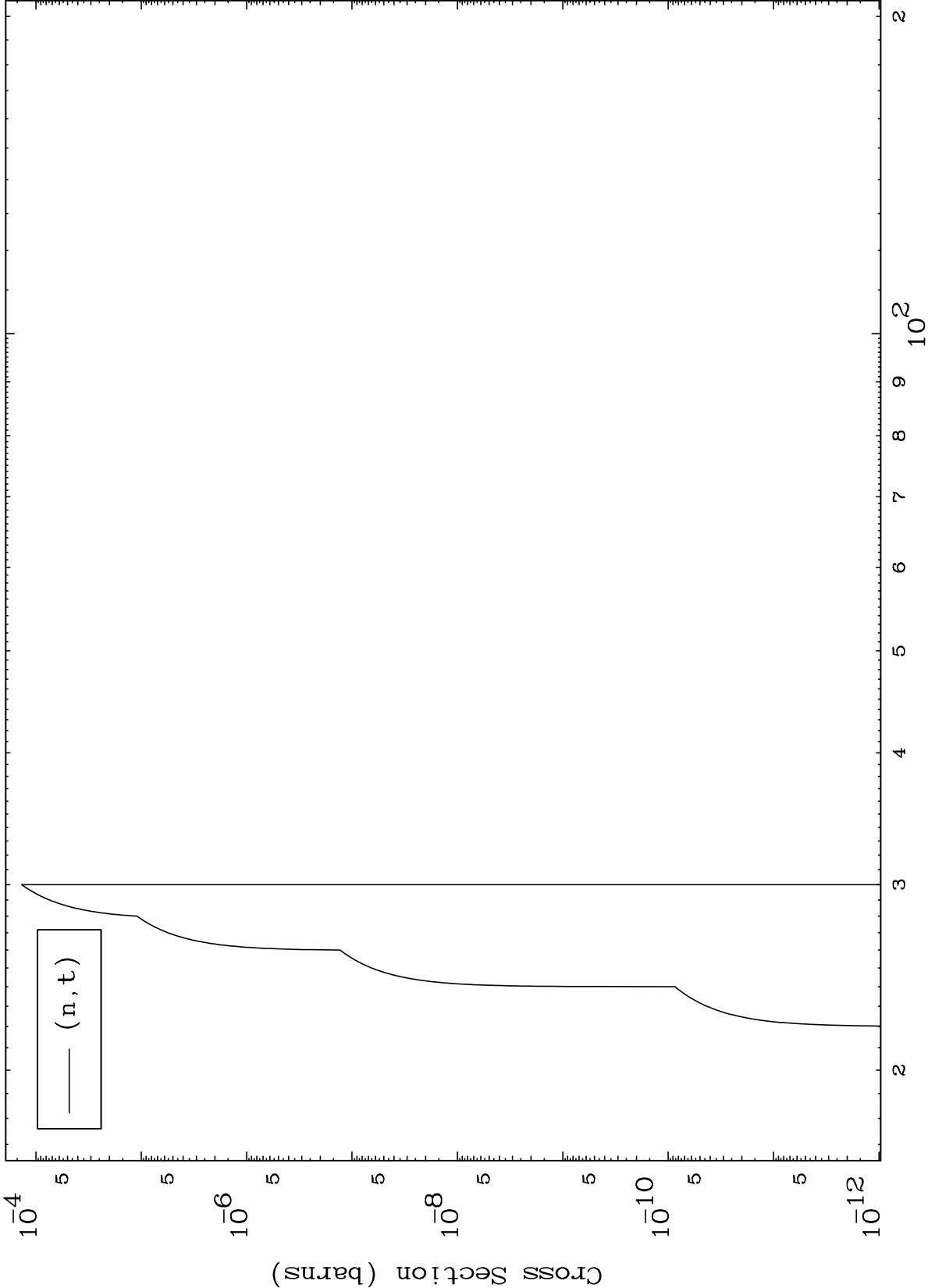
Incident Energy (MeV)

6

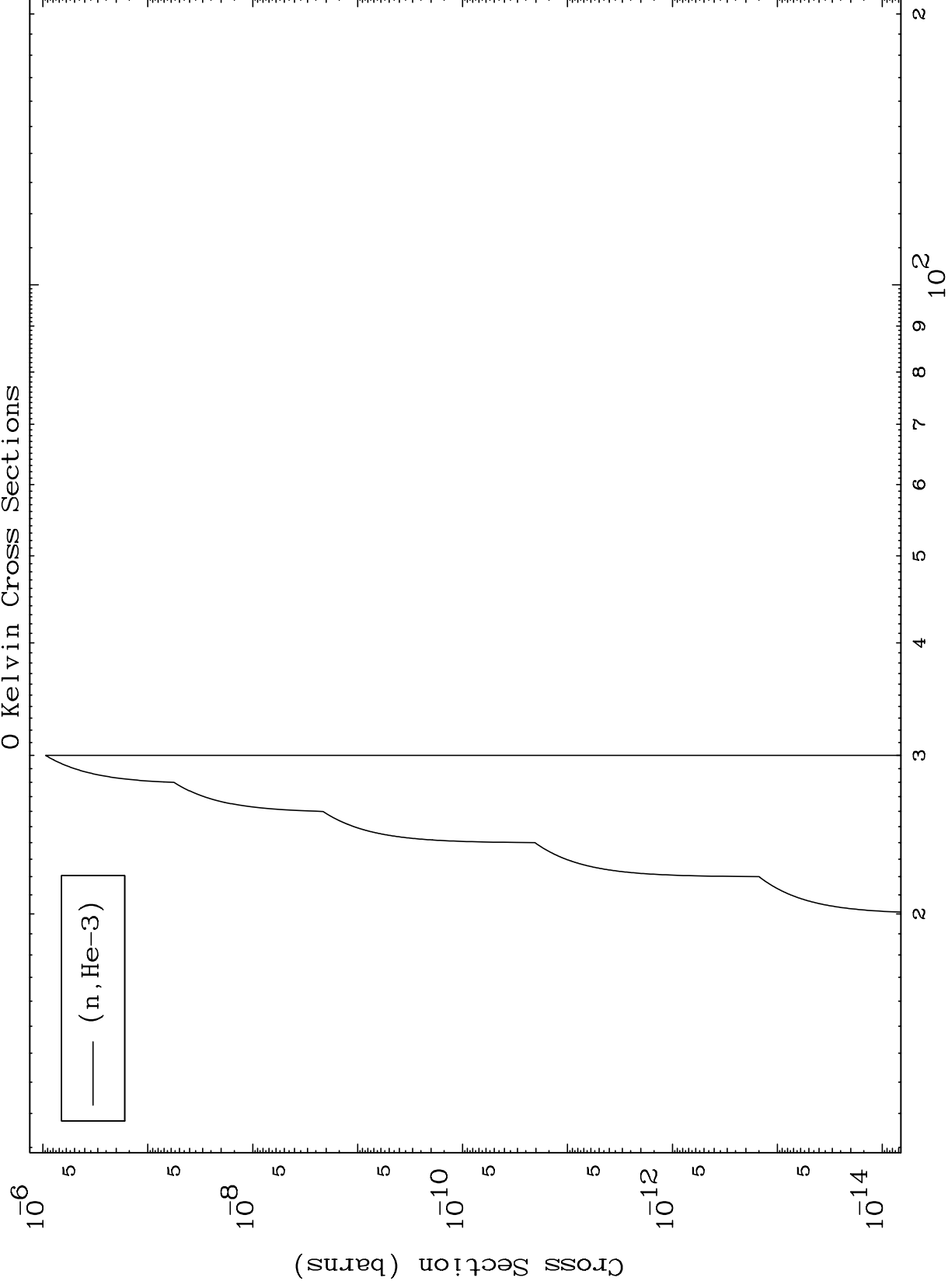
(α, d) Levels
0 Kelvin Cross Sections



(α, t) Levels
0 Kelvin Cross Sections



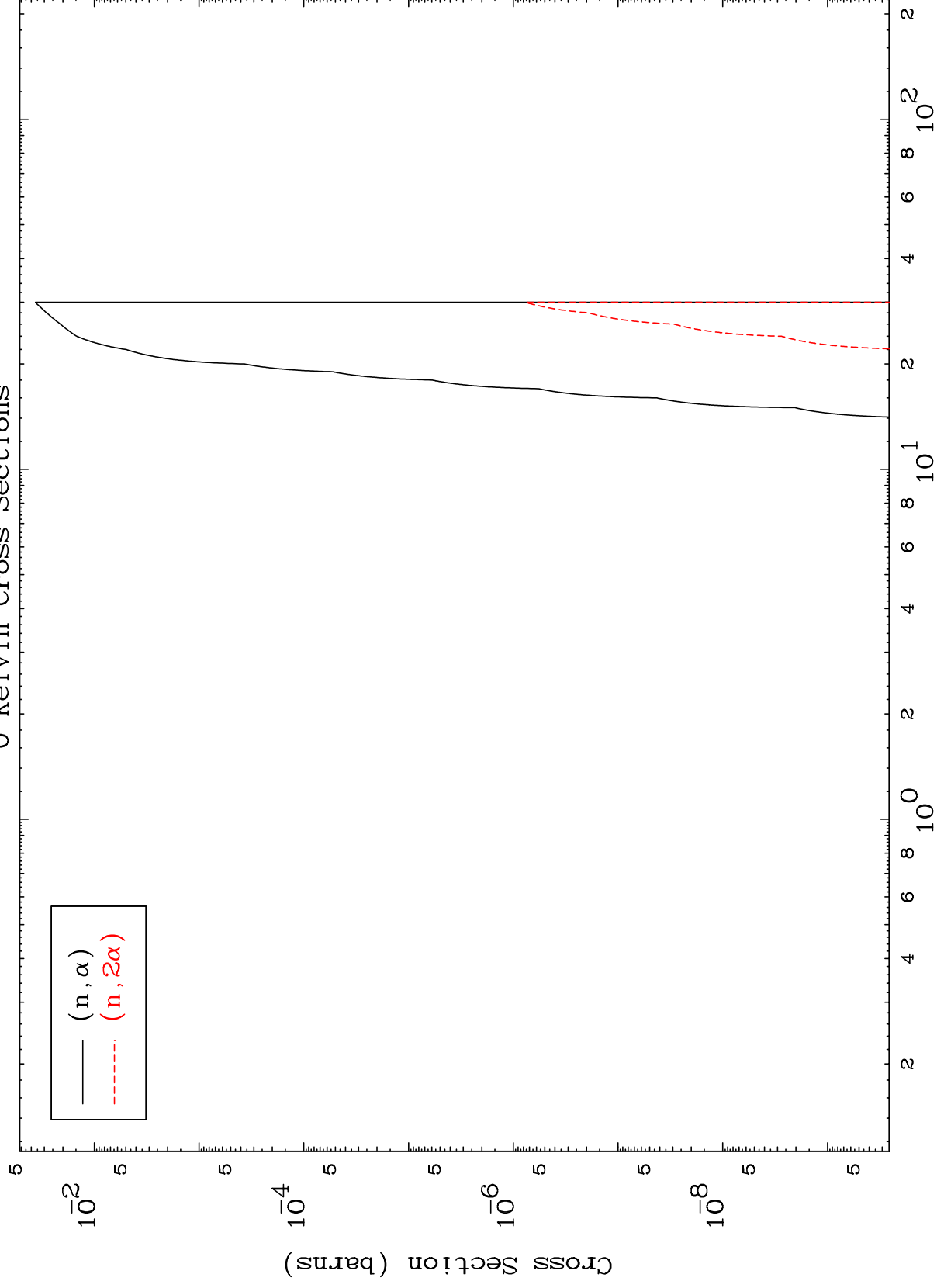
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 8292

83-Bi-198

(α, α) Levels
0 Kelvin Cross Sections

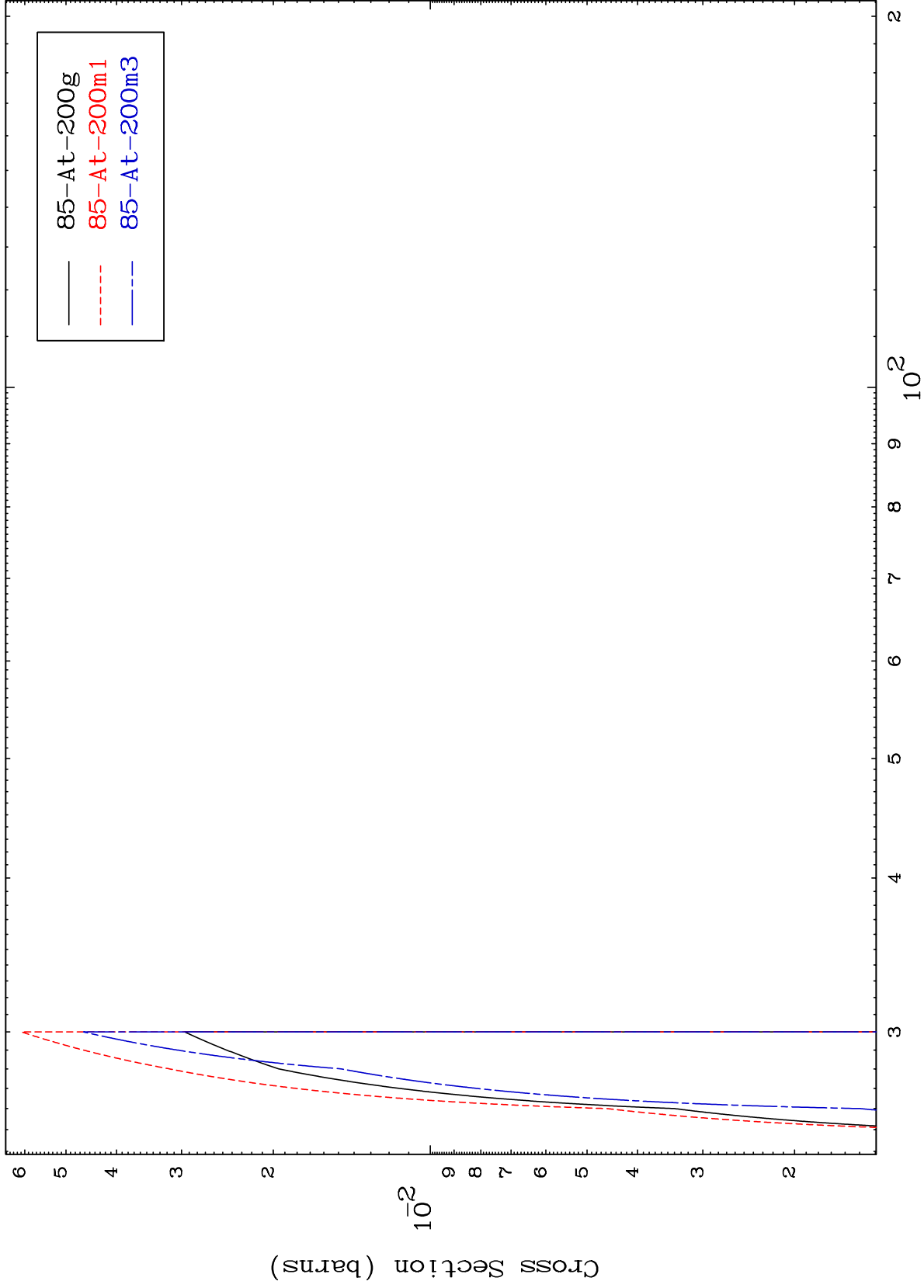


10

Incident Energy (MeV)

83-Bi-198

(n,2n)
Radionuclide Production Cross Section

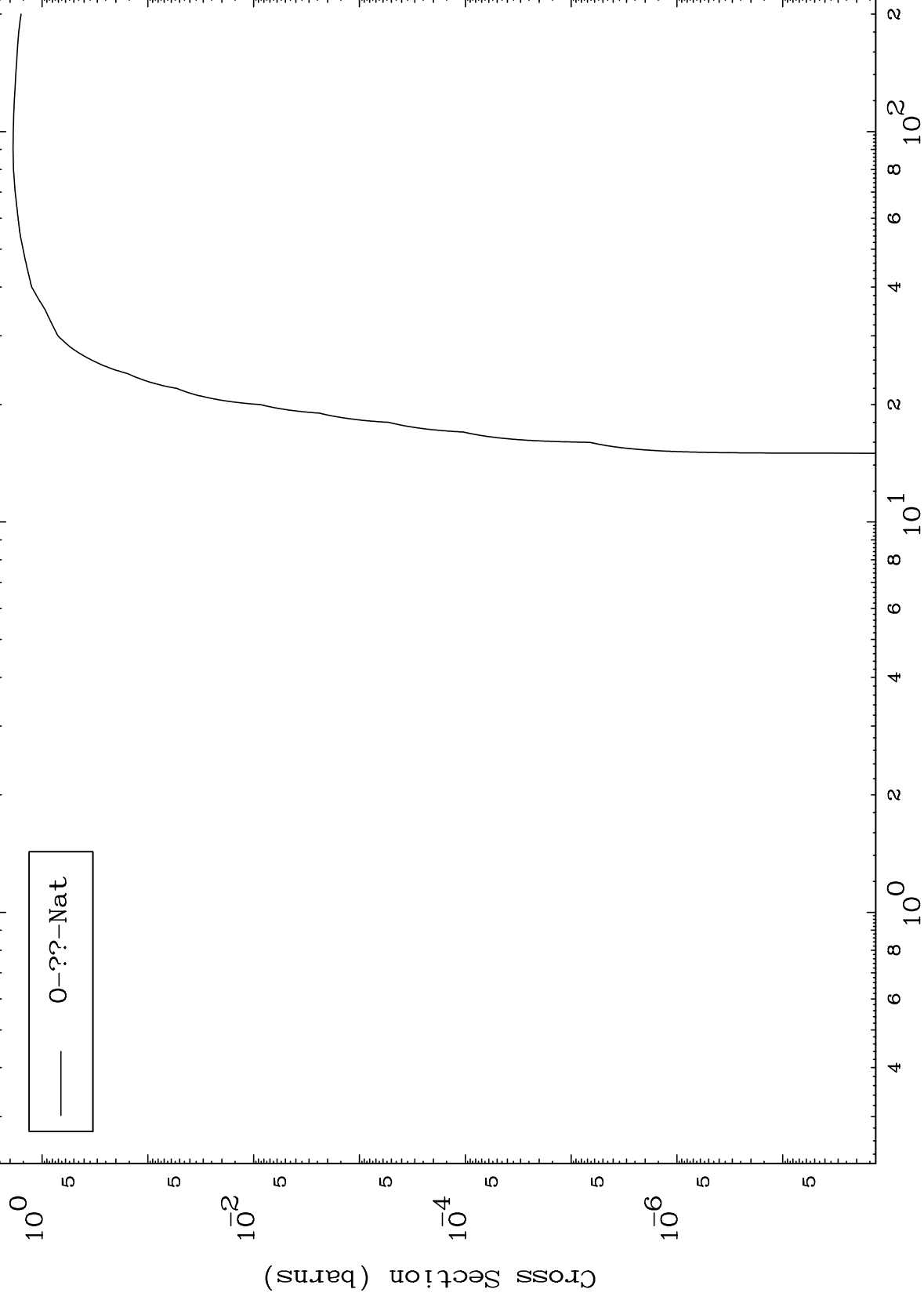


MAT 8292

Fission

83-Bi-198

Radionuclide Production Cross Section



12

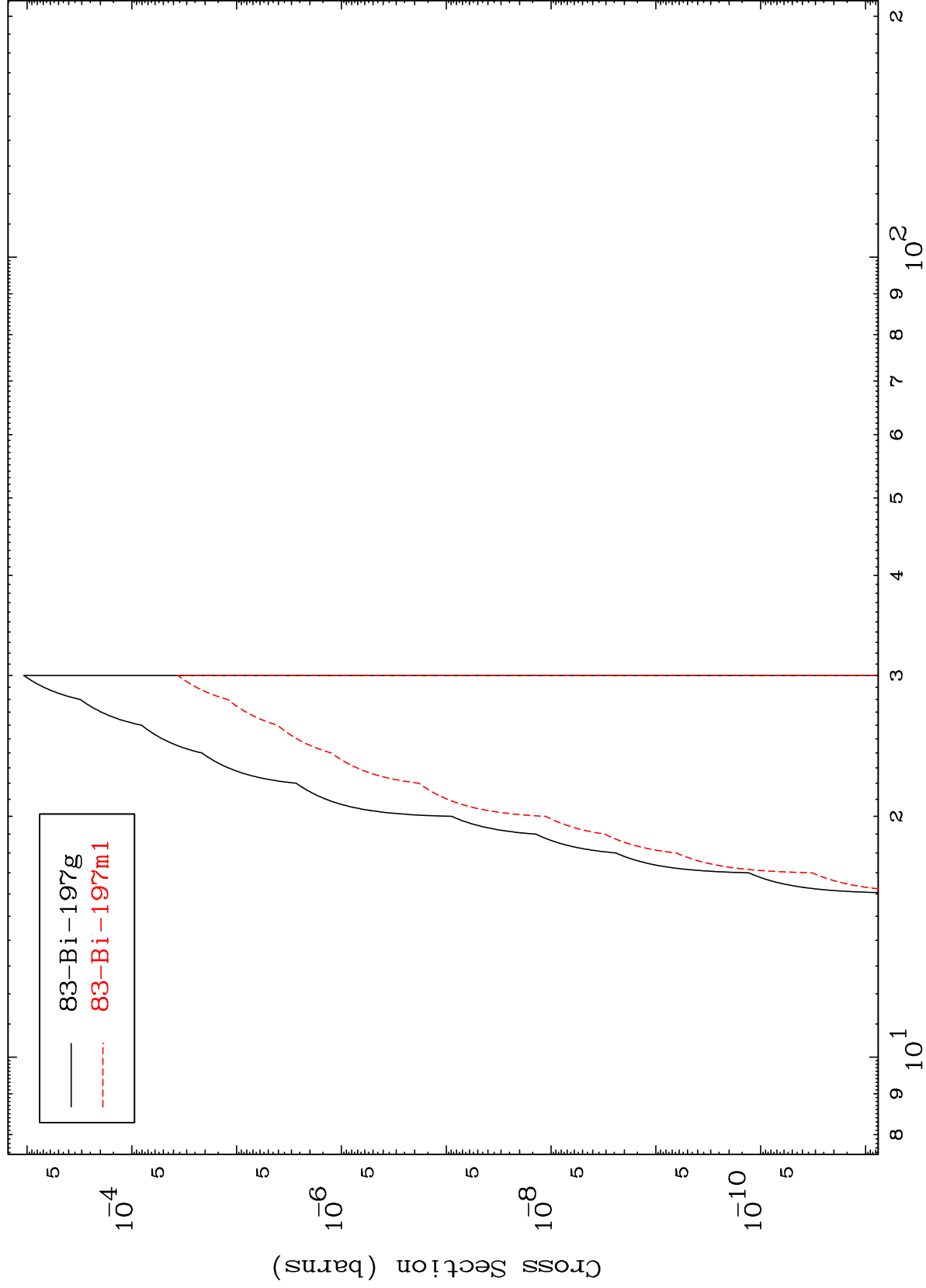
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

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



83-Bi-198

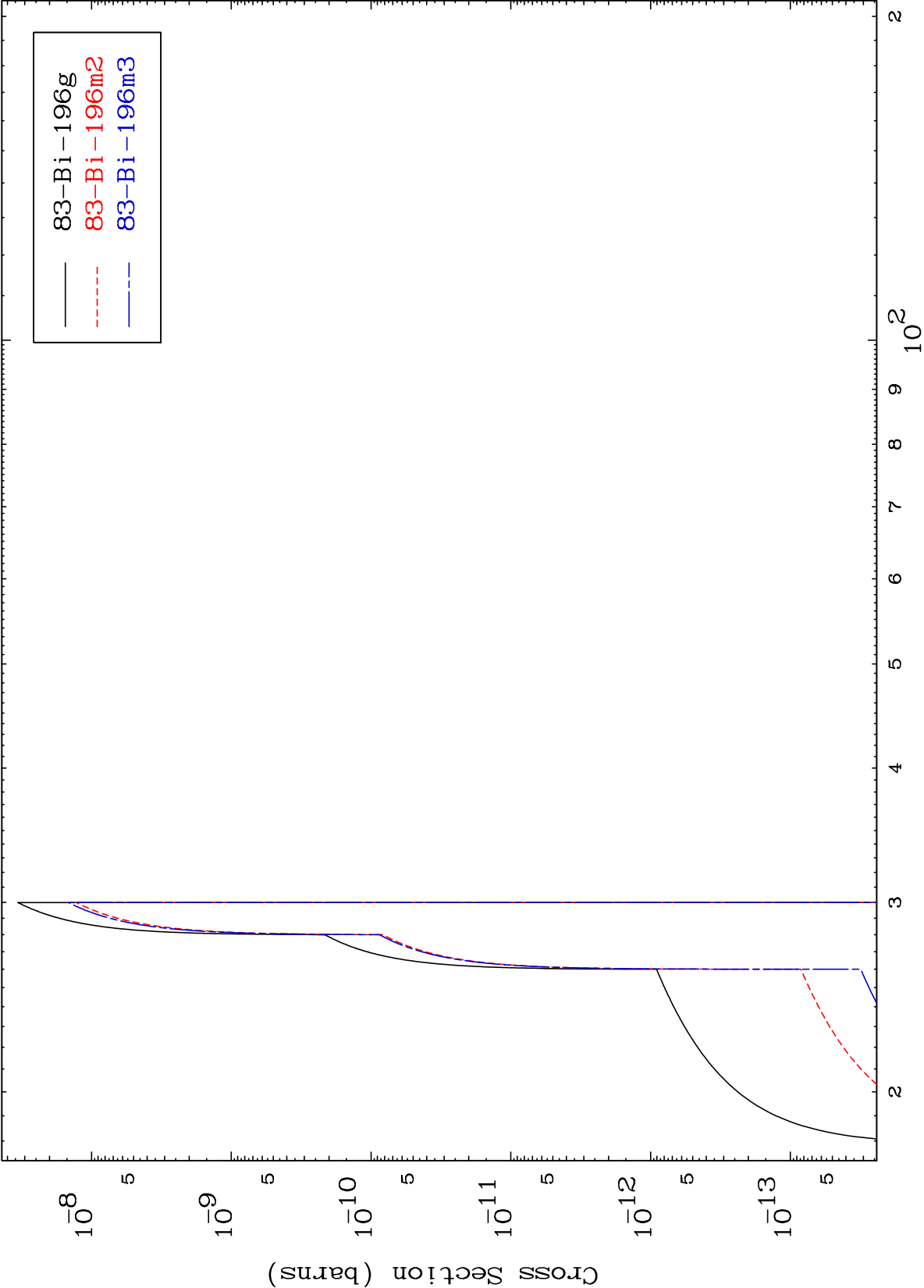
Incident Energy (MeV)

13

MAT 8292

83-Bi-198

$(n,2n) \alpha$
Radionuclide Production Cross Section

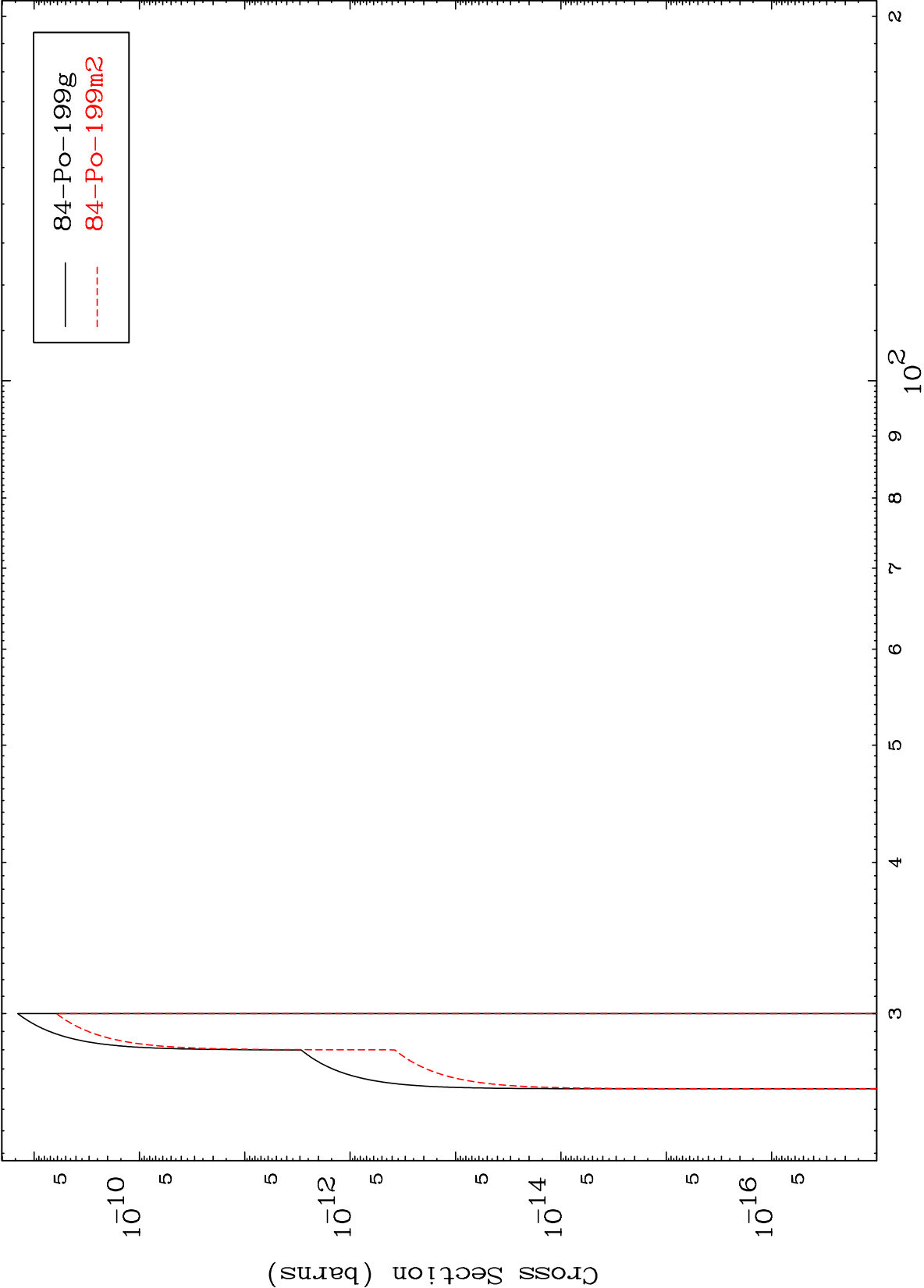


14

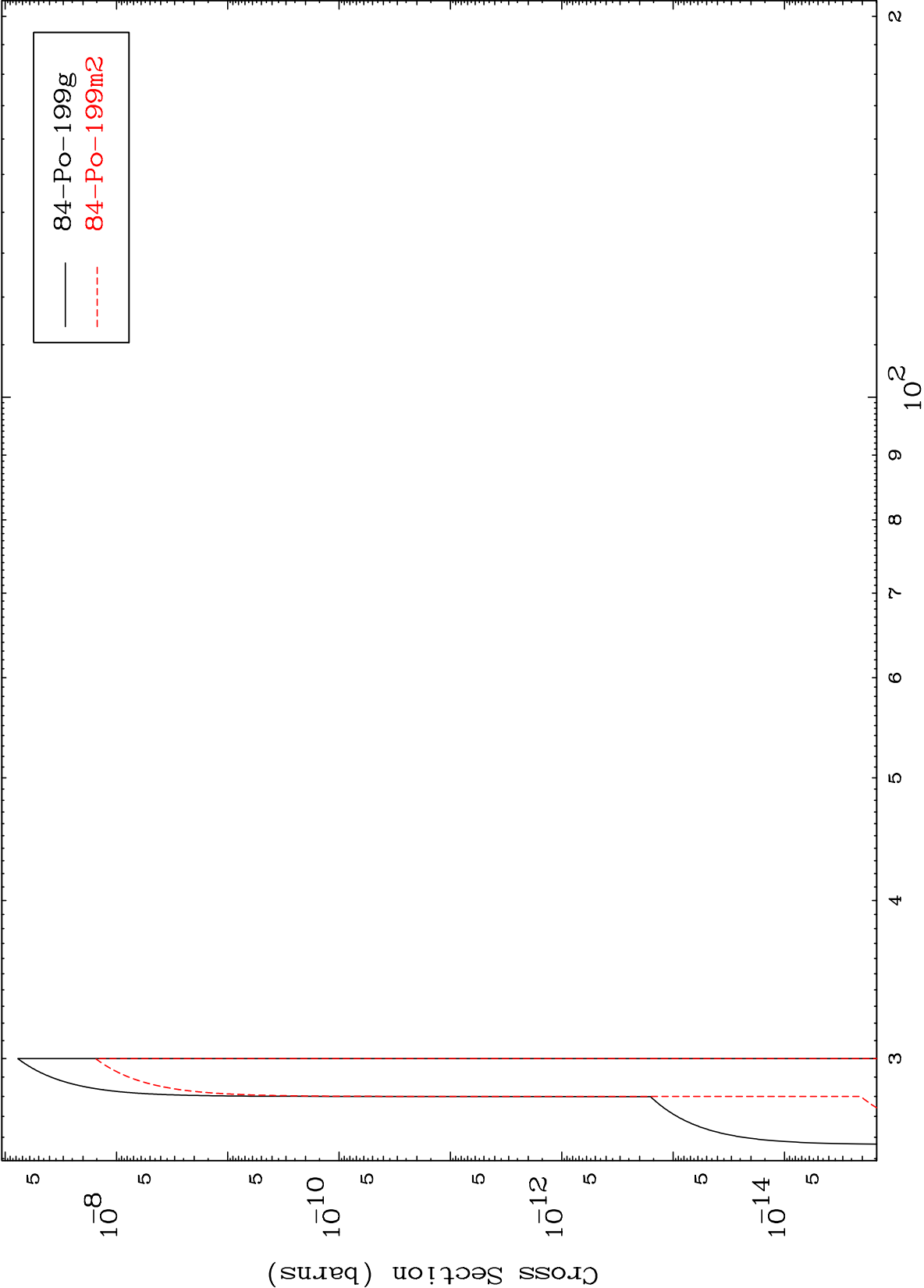
Incident Energy (MeV)

83-Bi-198

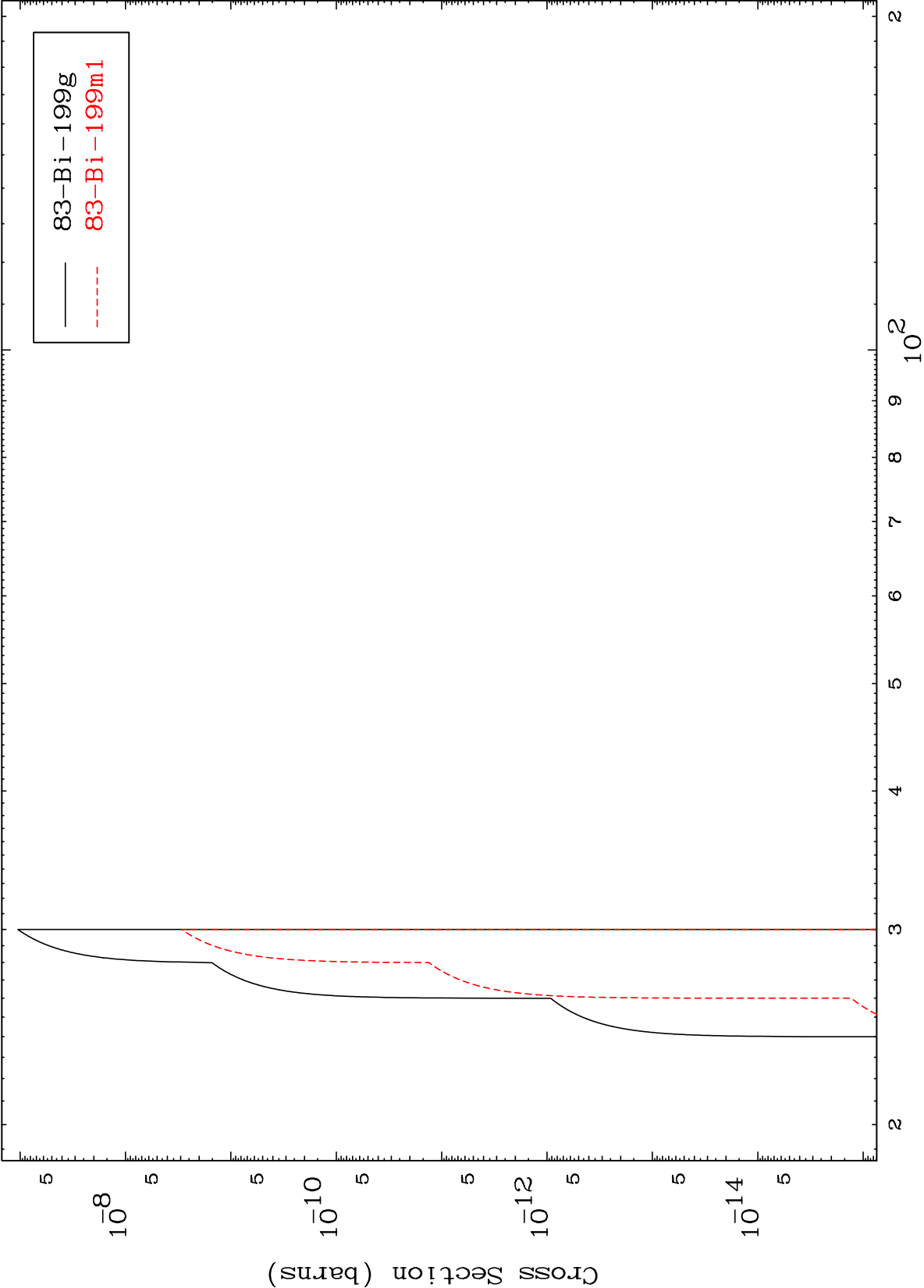
(n,n') d
Radionuclide Production Cross Section



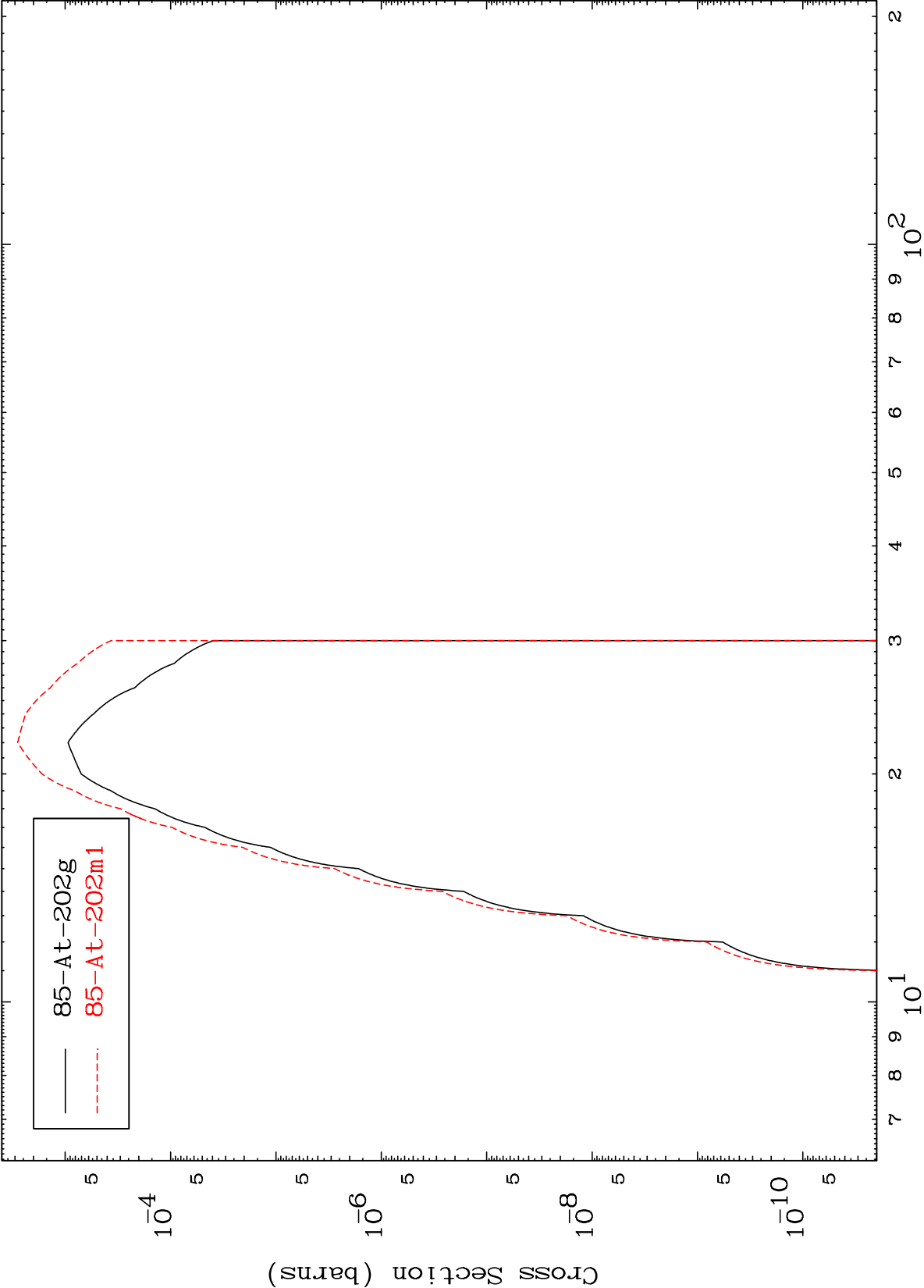
(n,2n) p
Radionuclide Production Cross Section



(n,2n) p
Radionuclide Production Cross Section



Radionuclide Production Cross Section

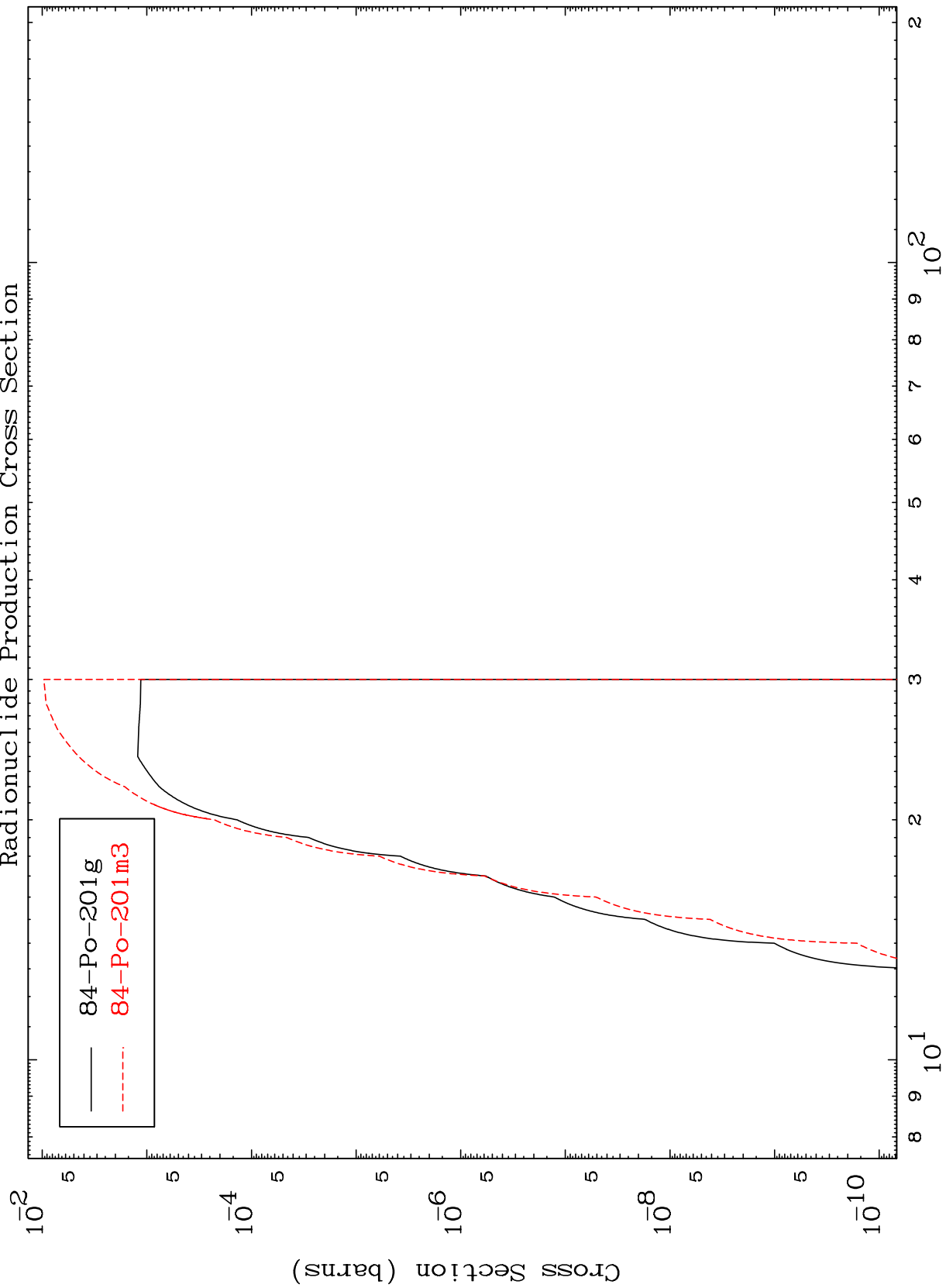


Incident Energy (MeV)

MAT 8292

83-Bi-198

Radionuclide Production Cross Section
(n,p)

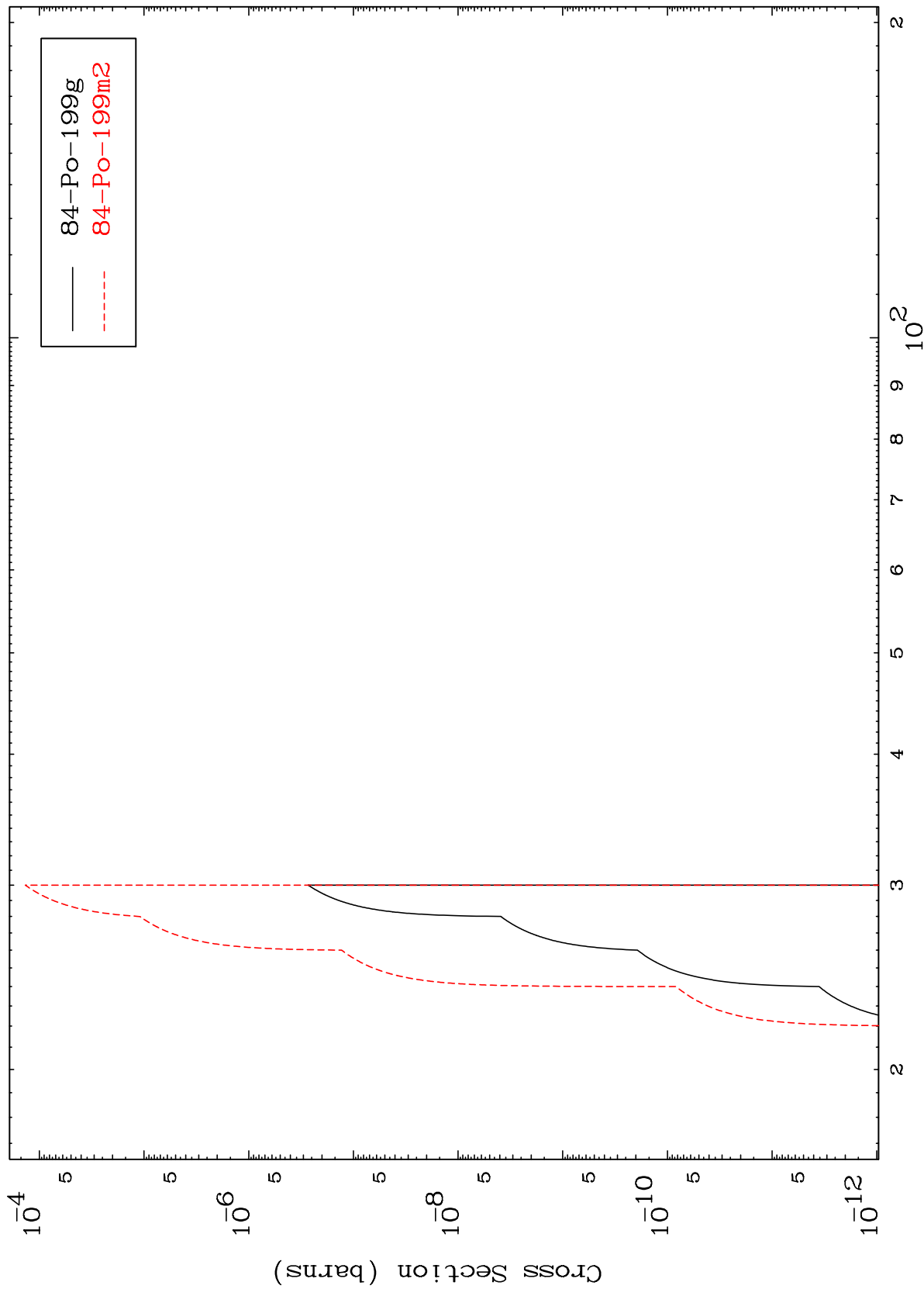


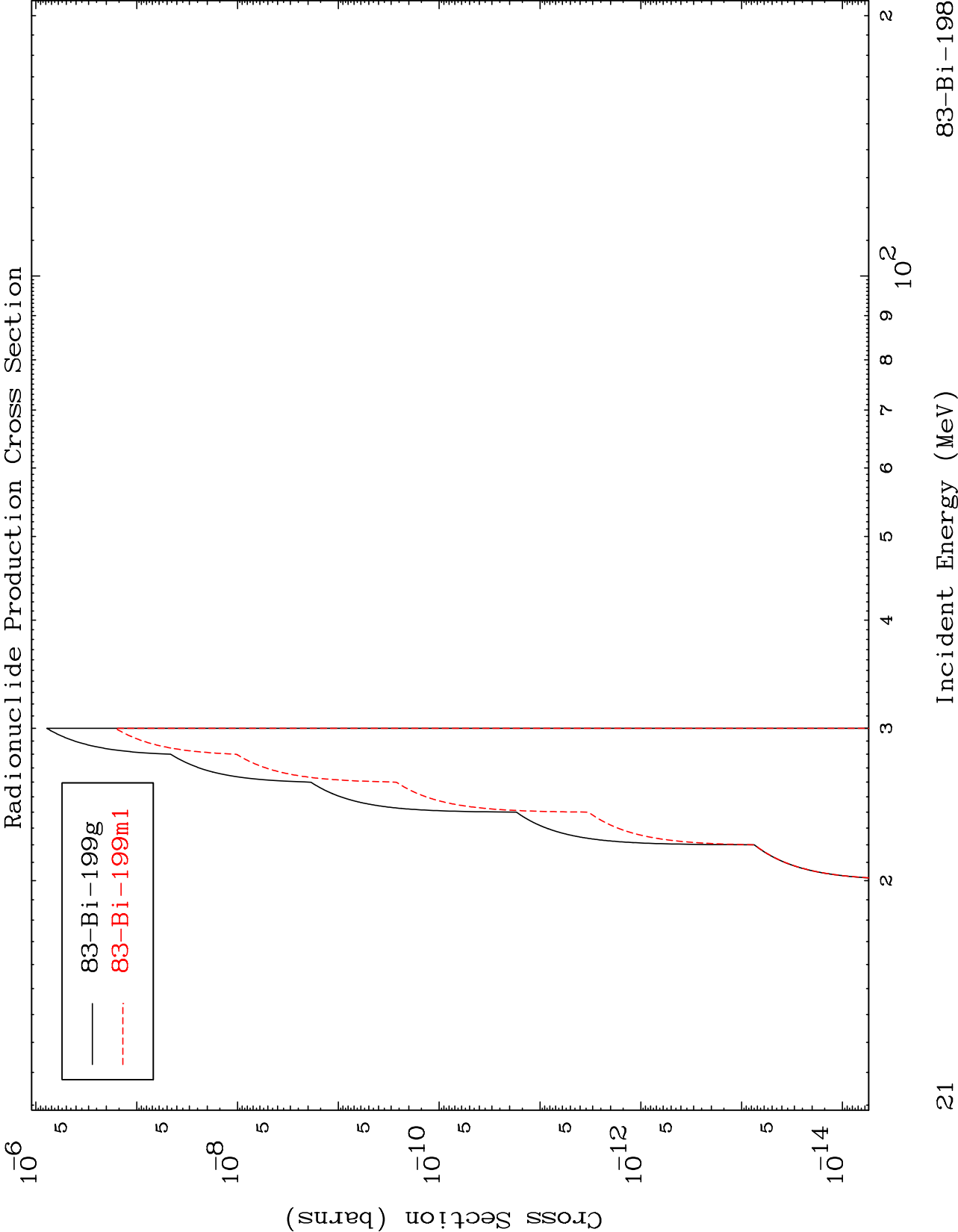
Incident Energy (MeV)

83-Bi-198

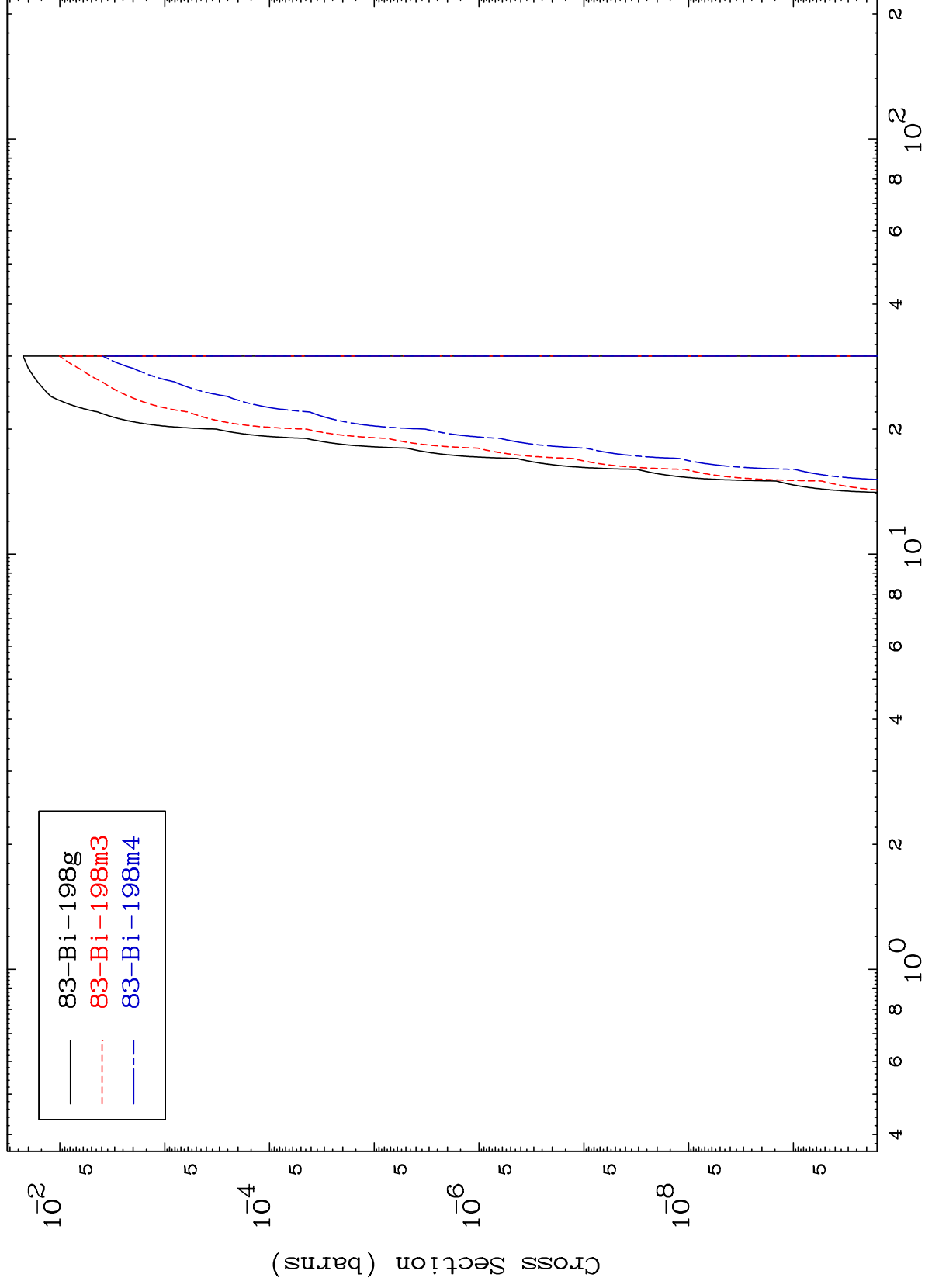
19

(n,t)
Radionuclide Production Cross Section

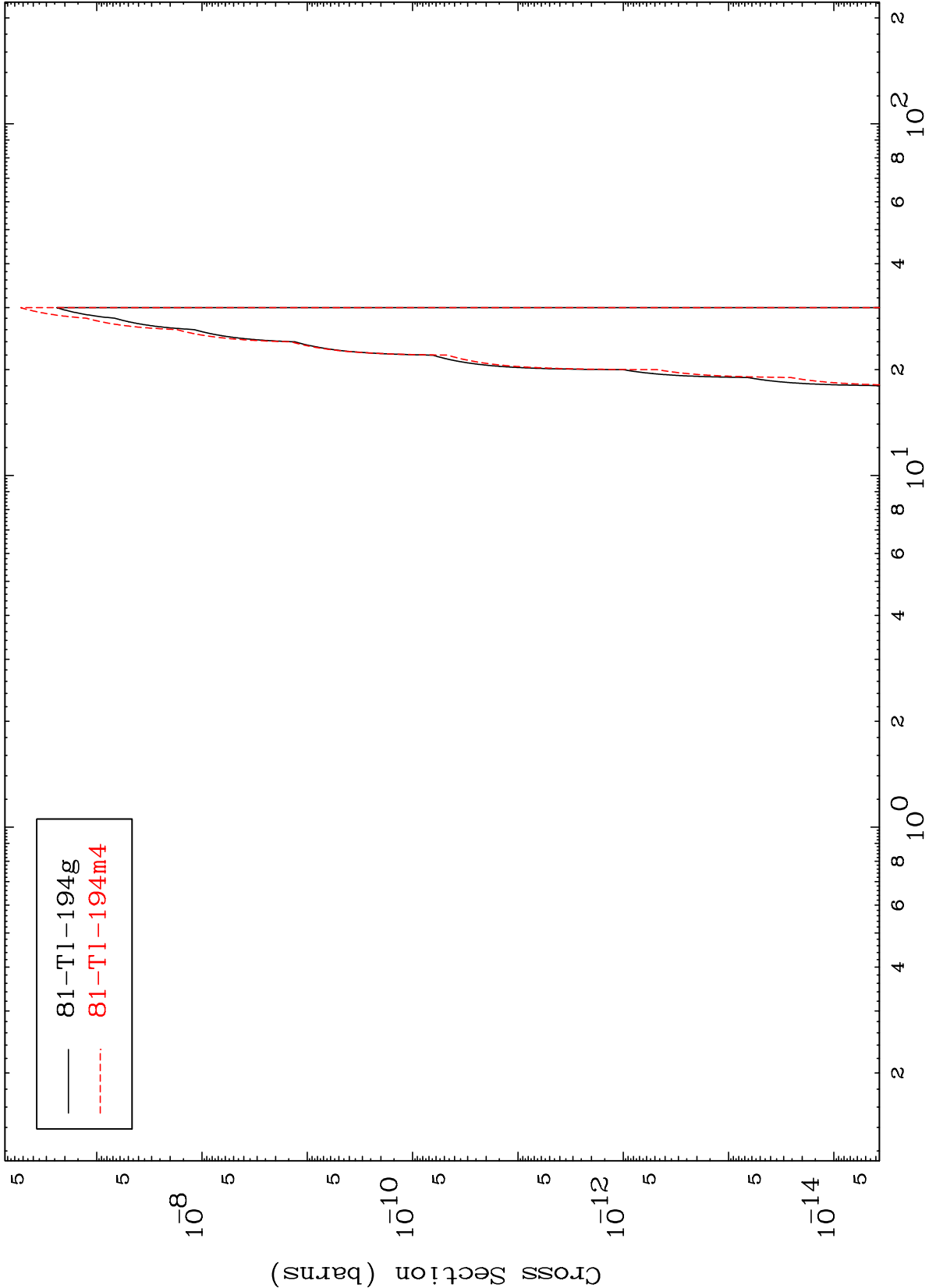




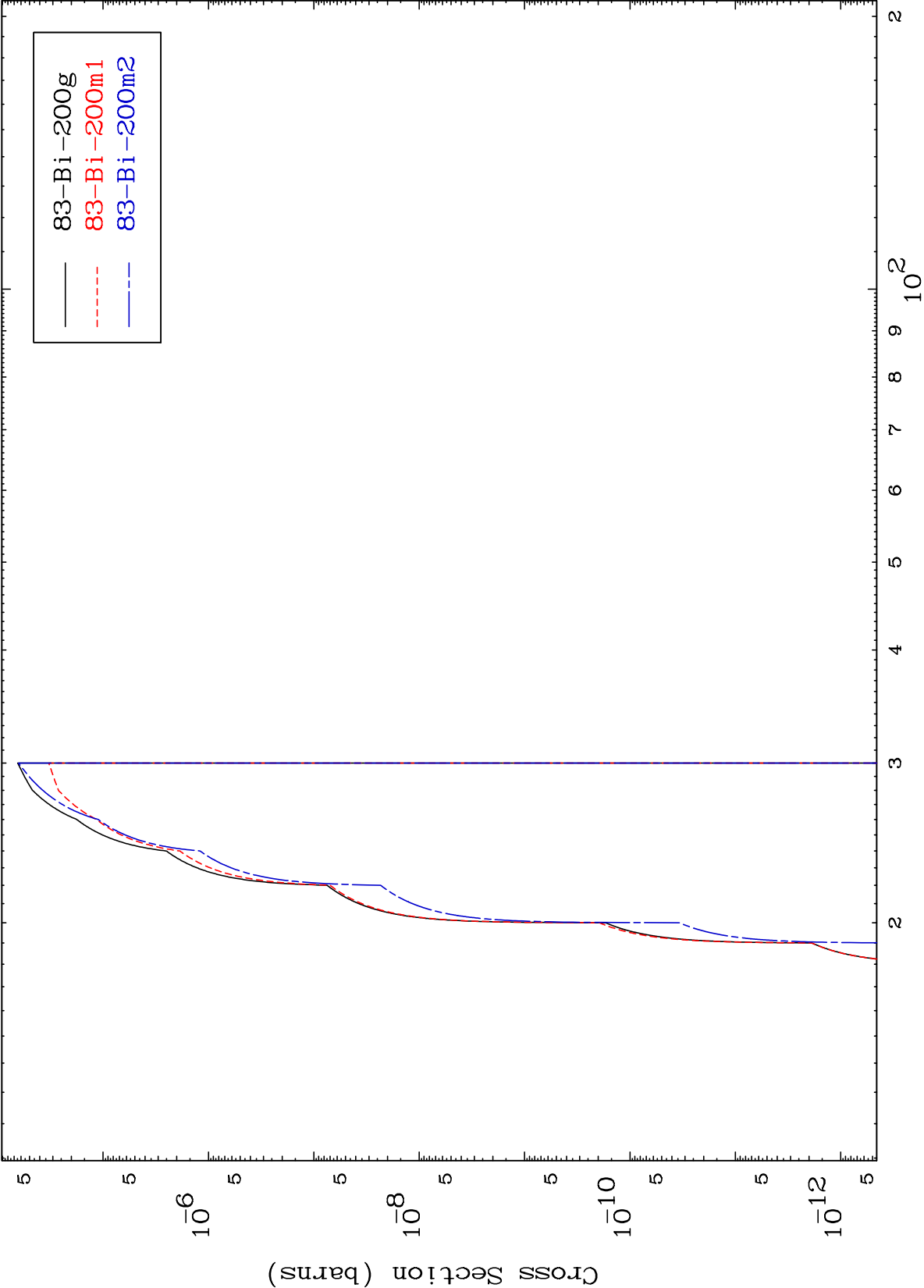
Radionuclide Production Cross Section
(n, α)



Radionuclide Production Cross Section
(n,2α)



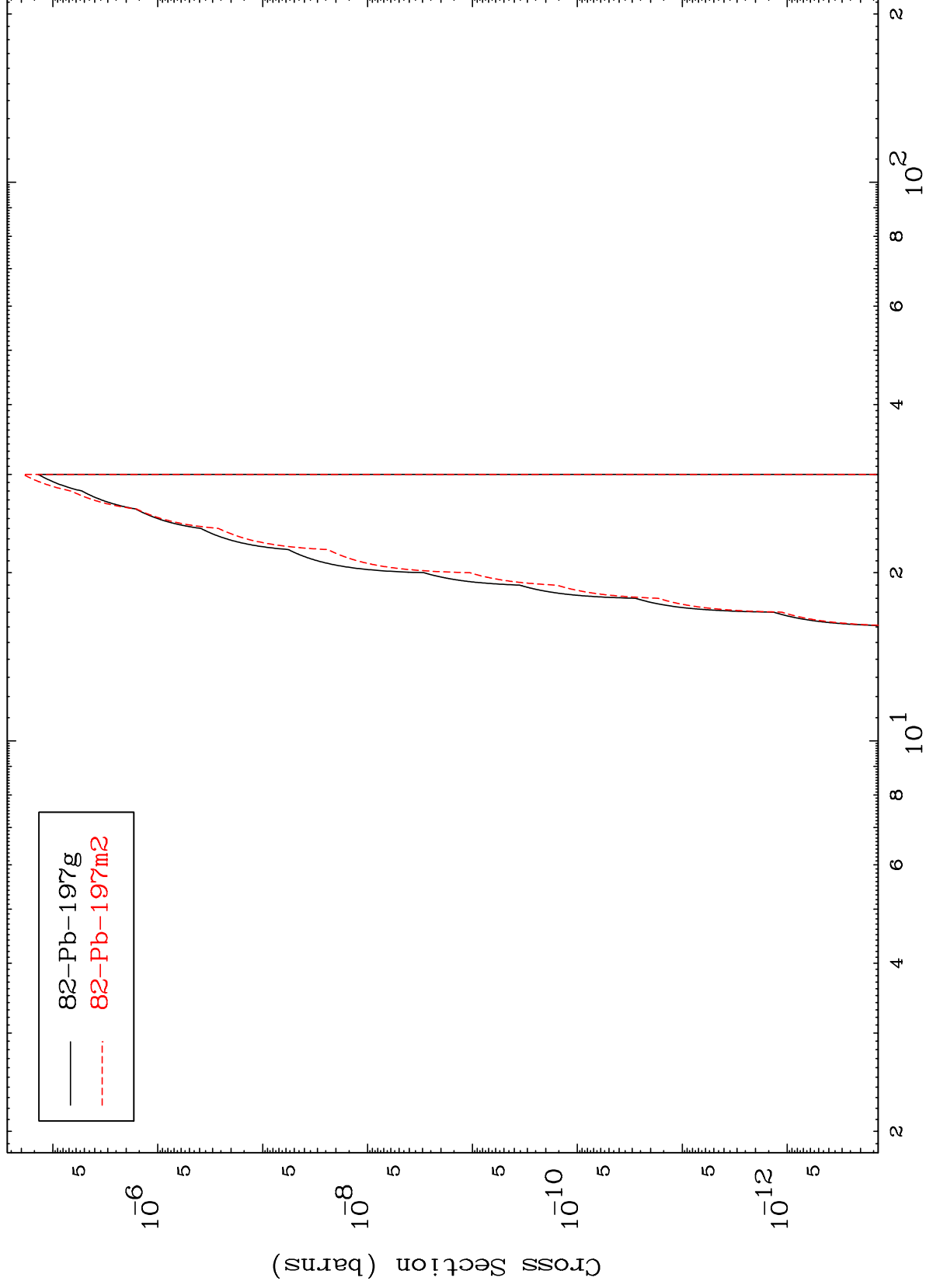
(n,2p)
Radionuclide Production Cross Section



MAT 8292

83-Bi-198

(n,p) α
Radionuclide Production Cross Section



25

Incident Energy (MeV)

83-Bi-198