

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

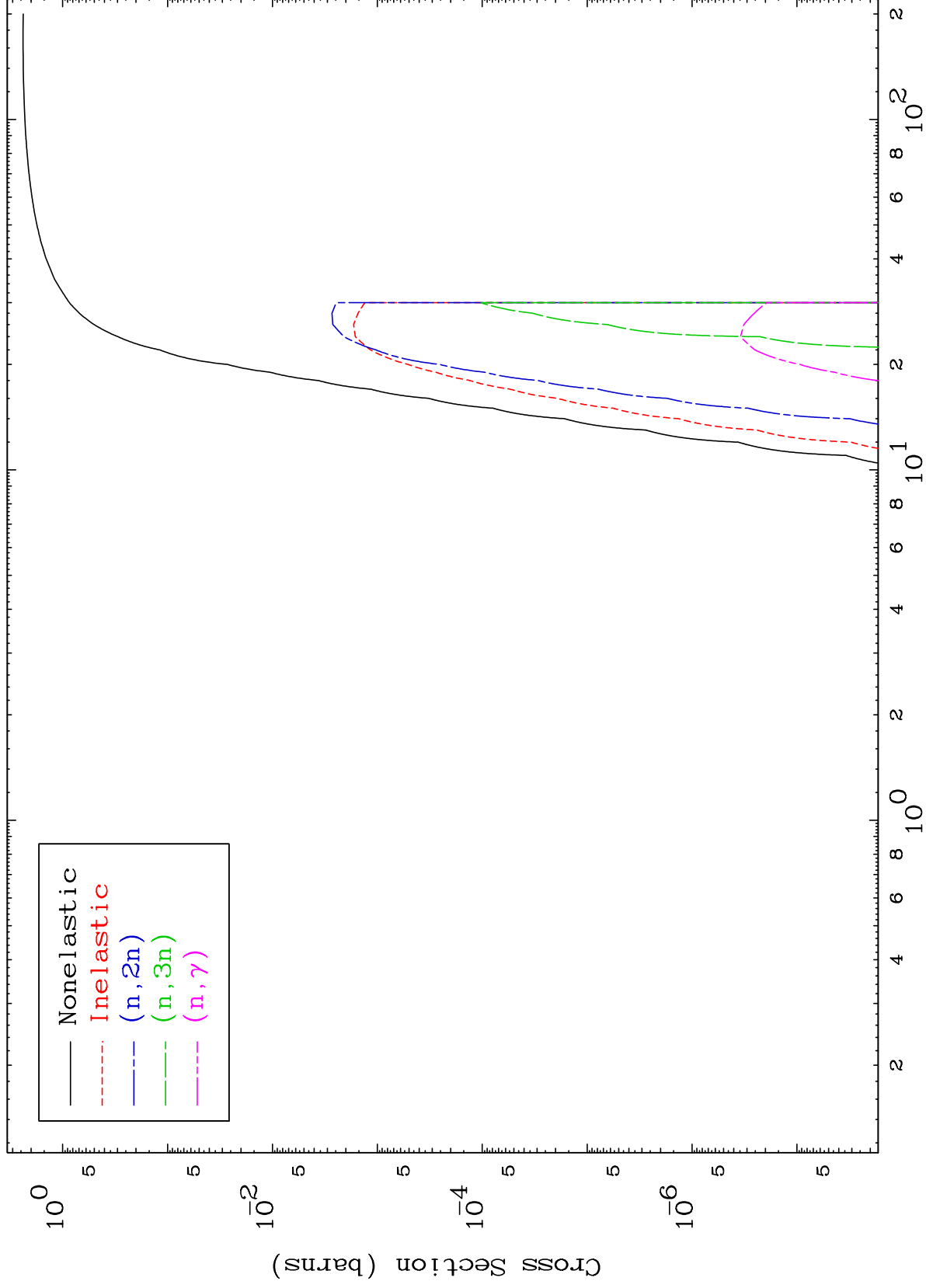
Press Mouse Button to Start

MAT 8292

He-3 Major

83-Bi-198

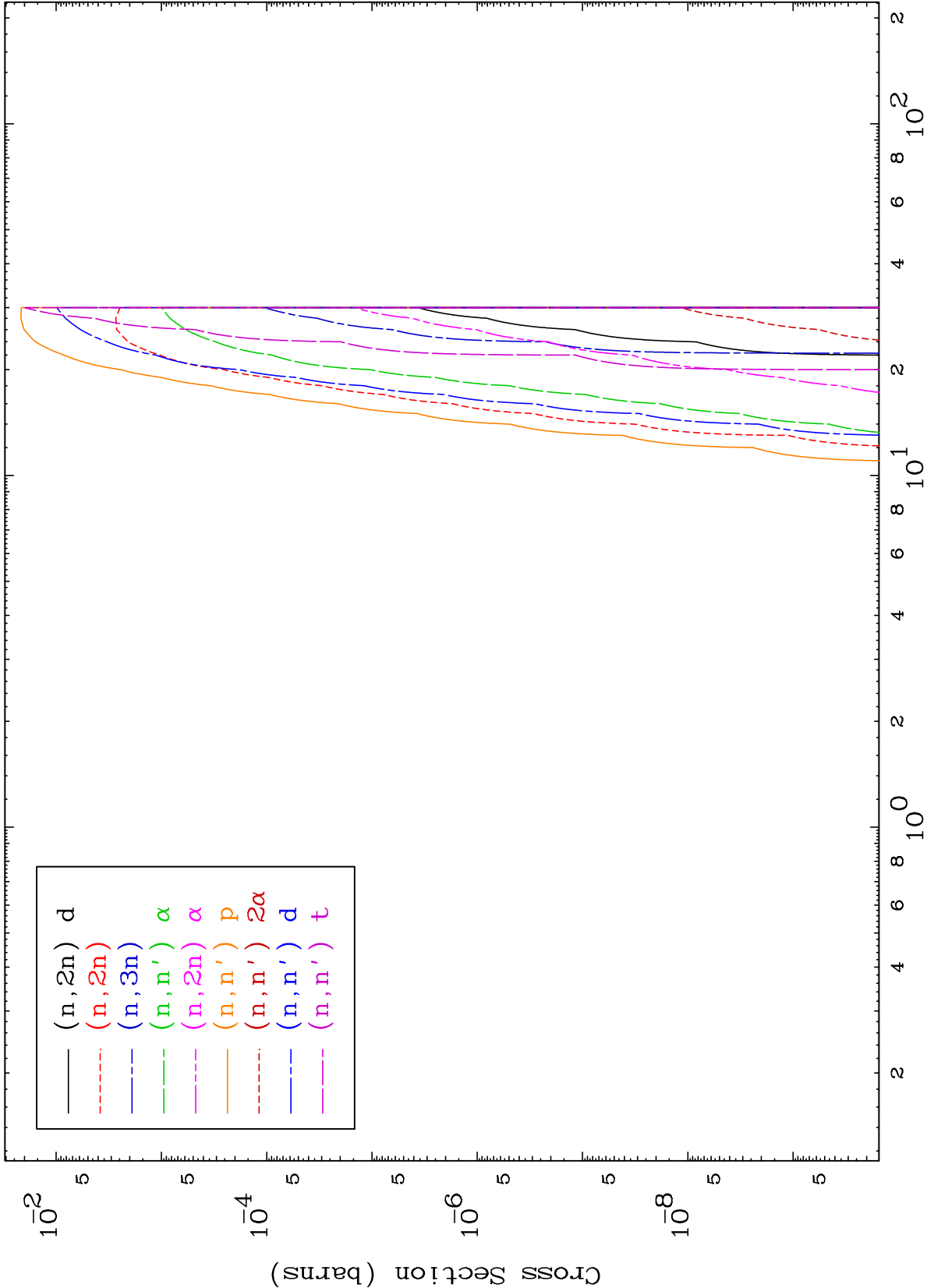
0 Kelvin Cross Sections

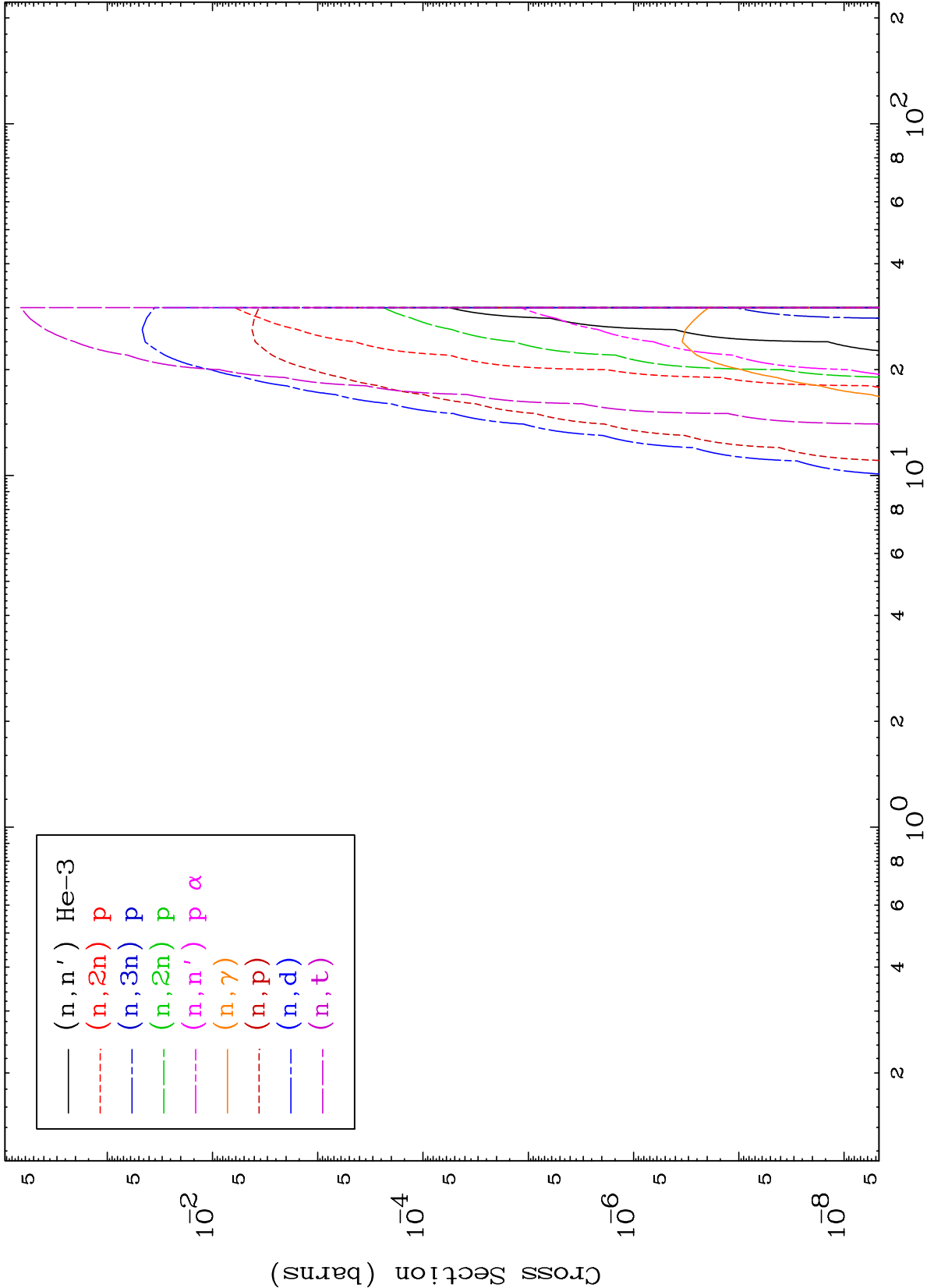


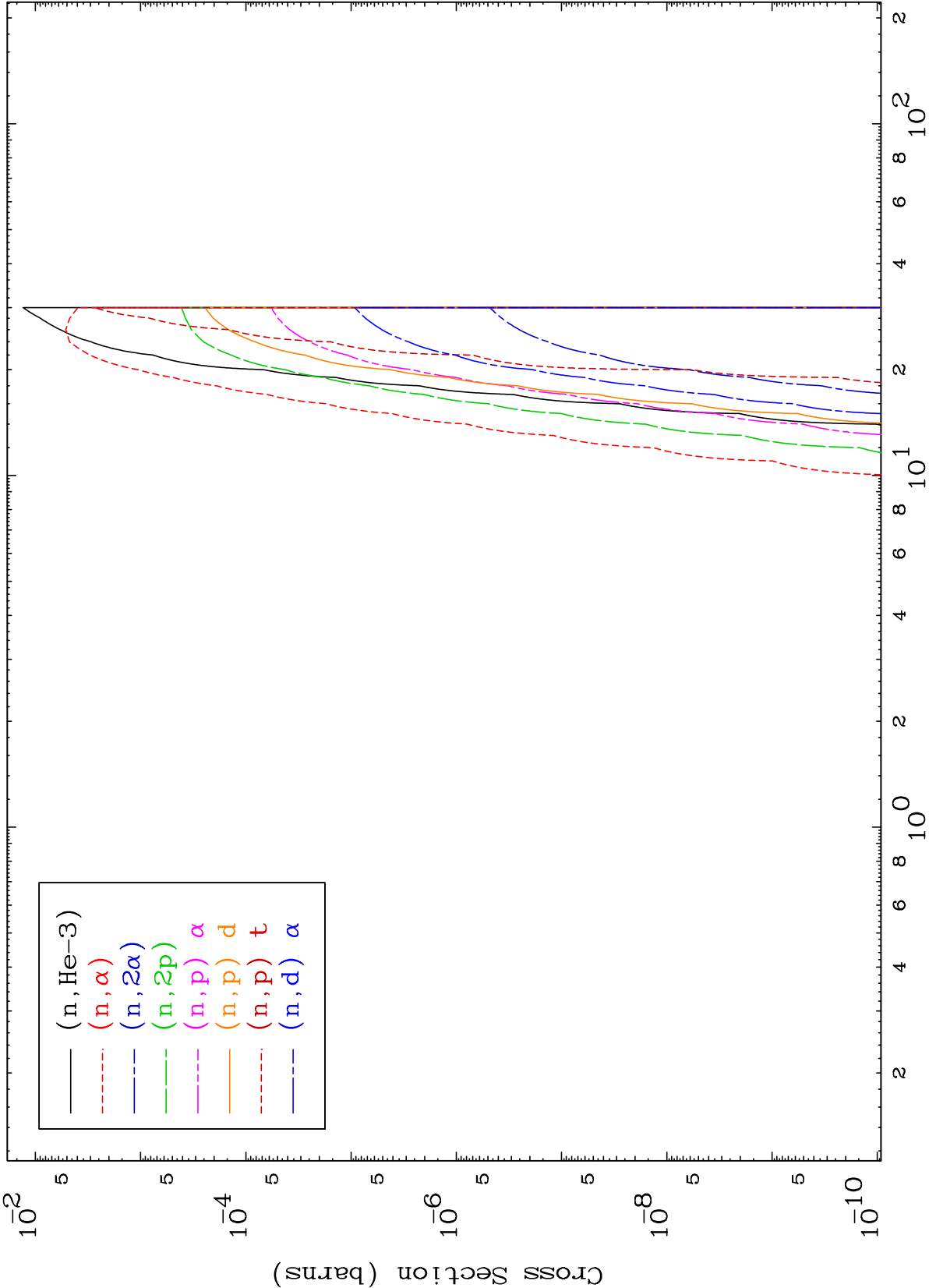
1

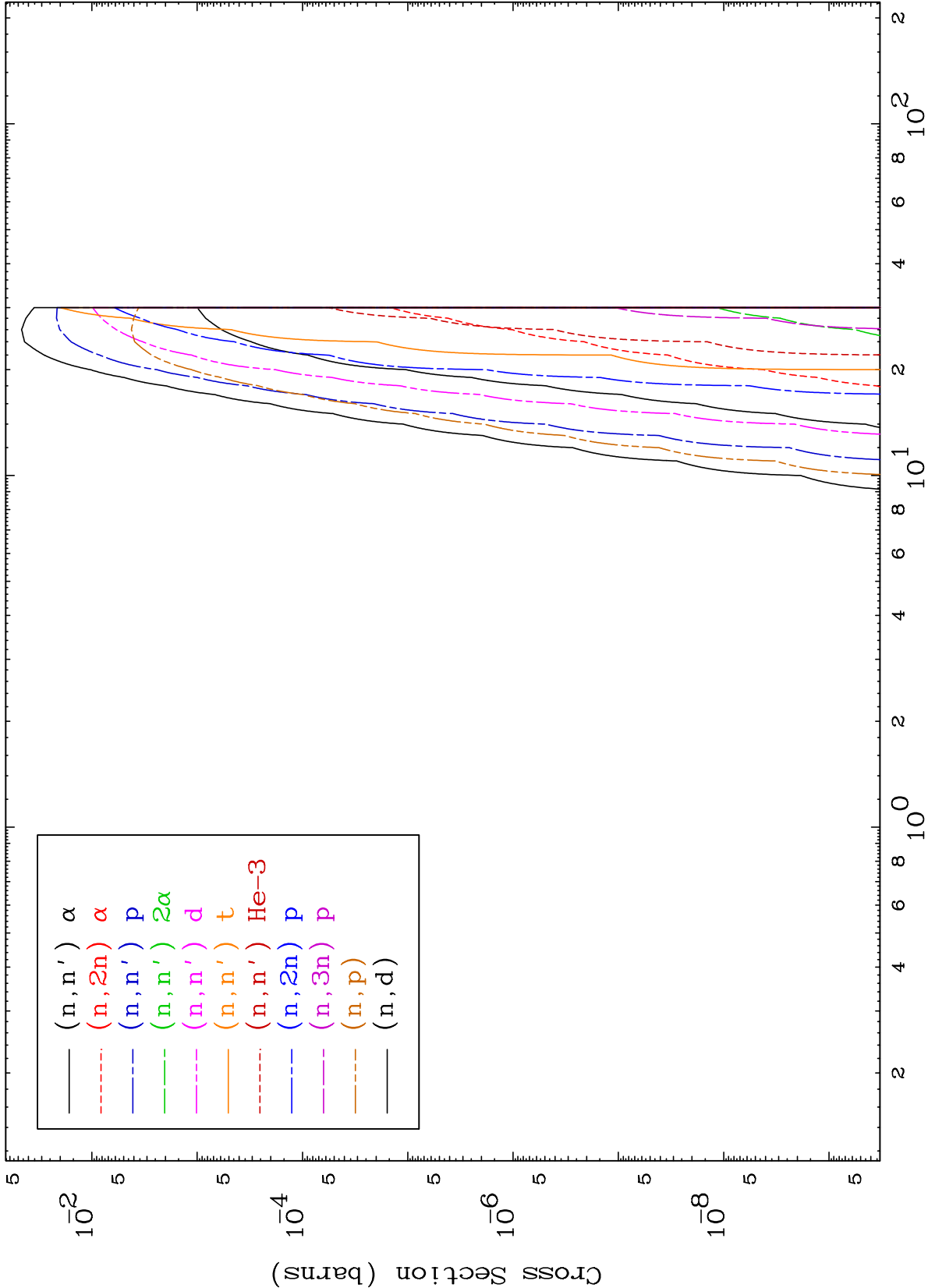
Incident Energy (MeV)

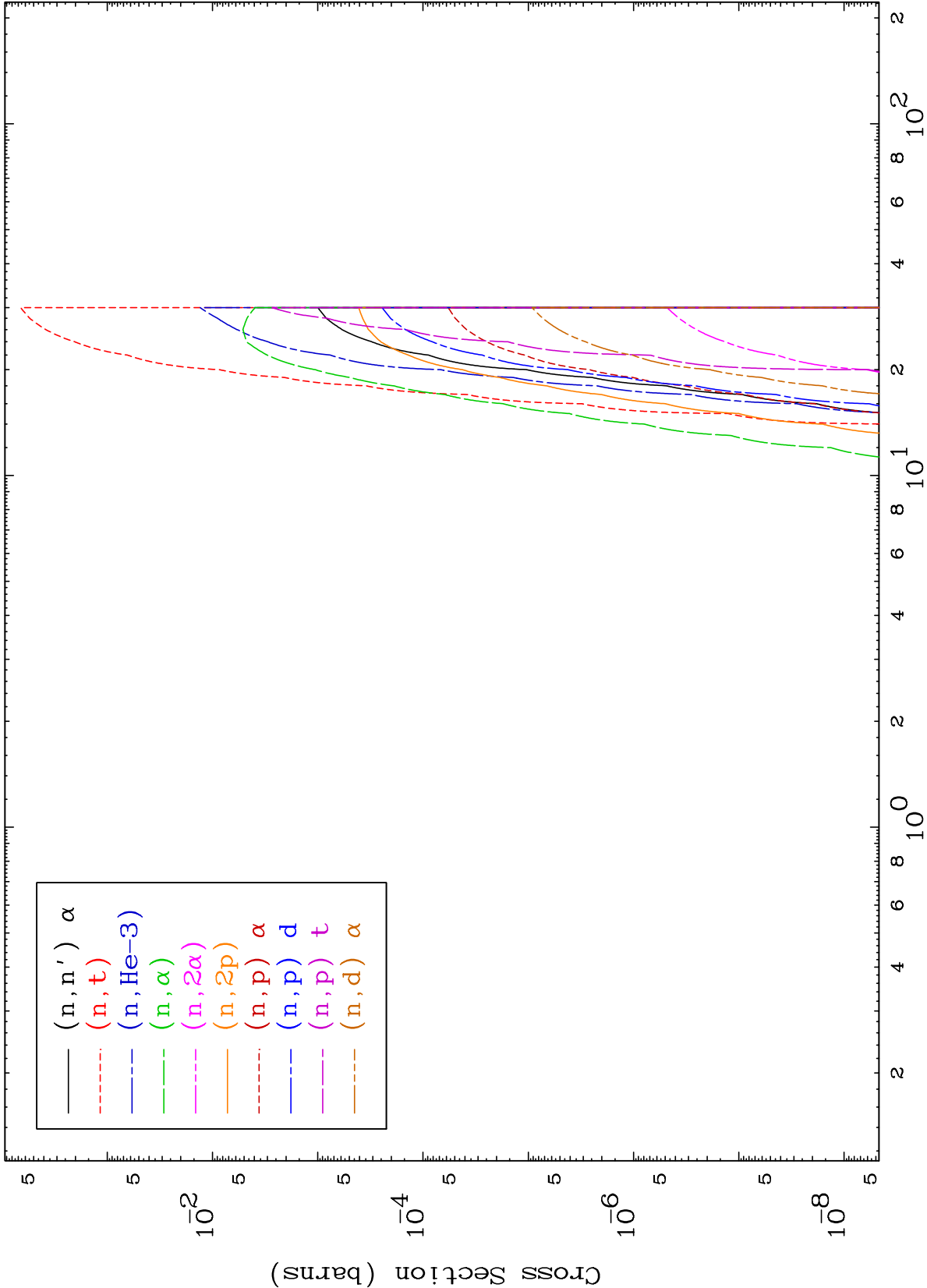
83-Bi-198







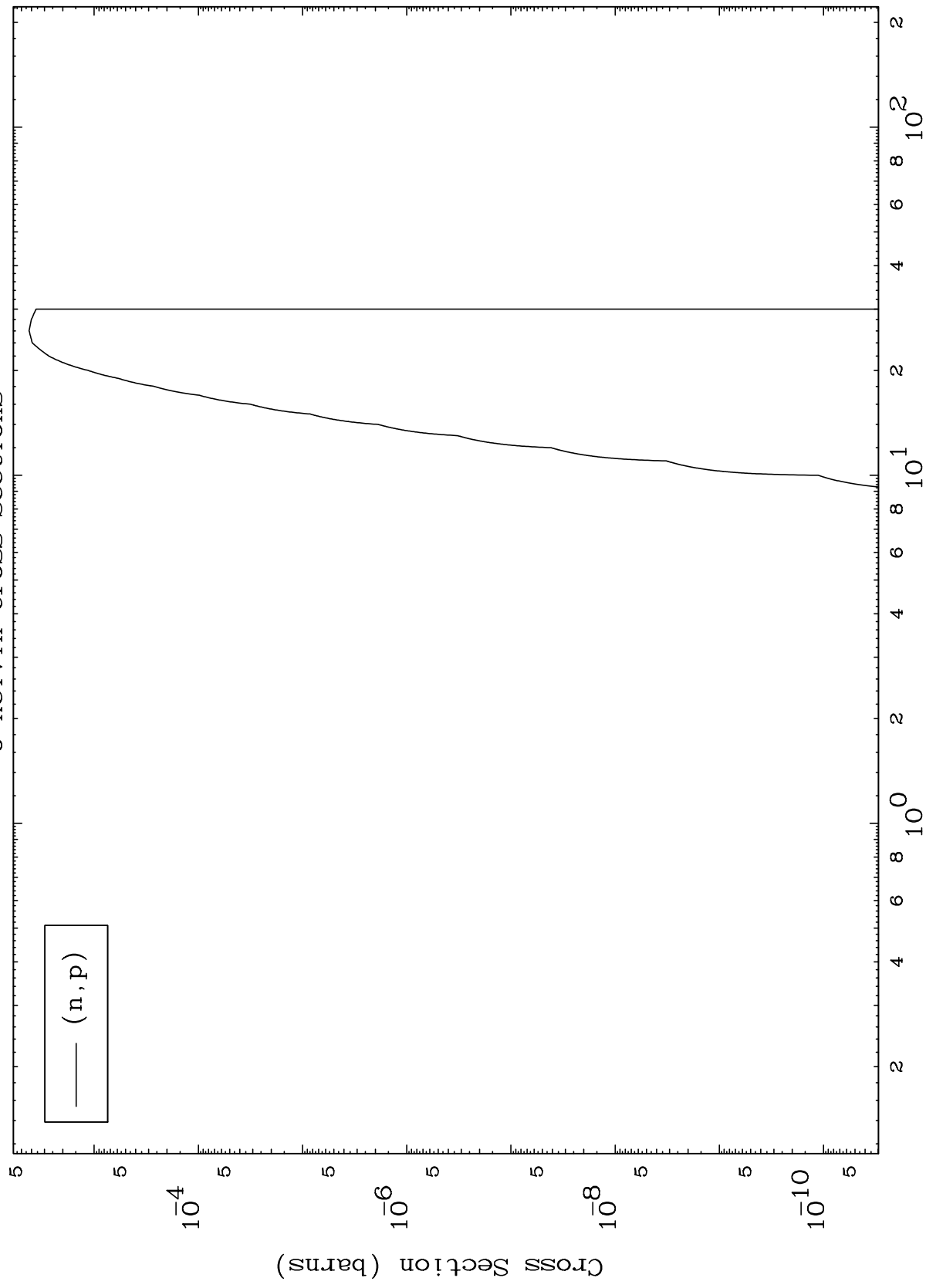




MAT 8292

83-Bi-198

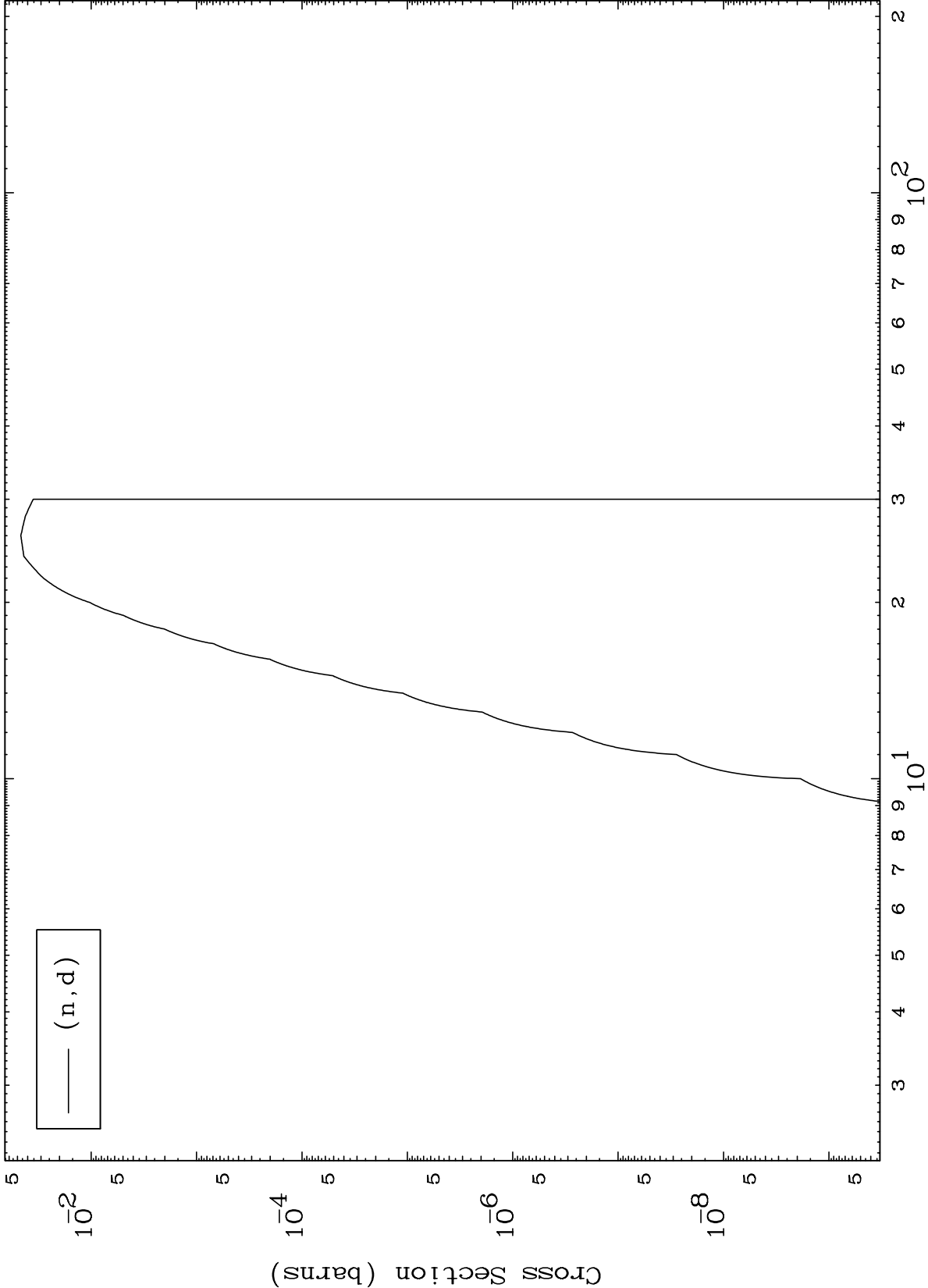
(He-3,p) Levels
0 Kelvin Cross Sections



7

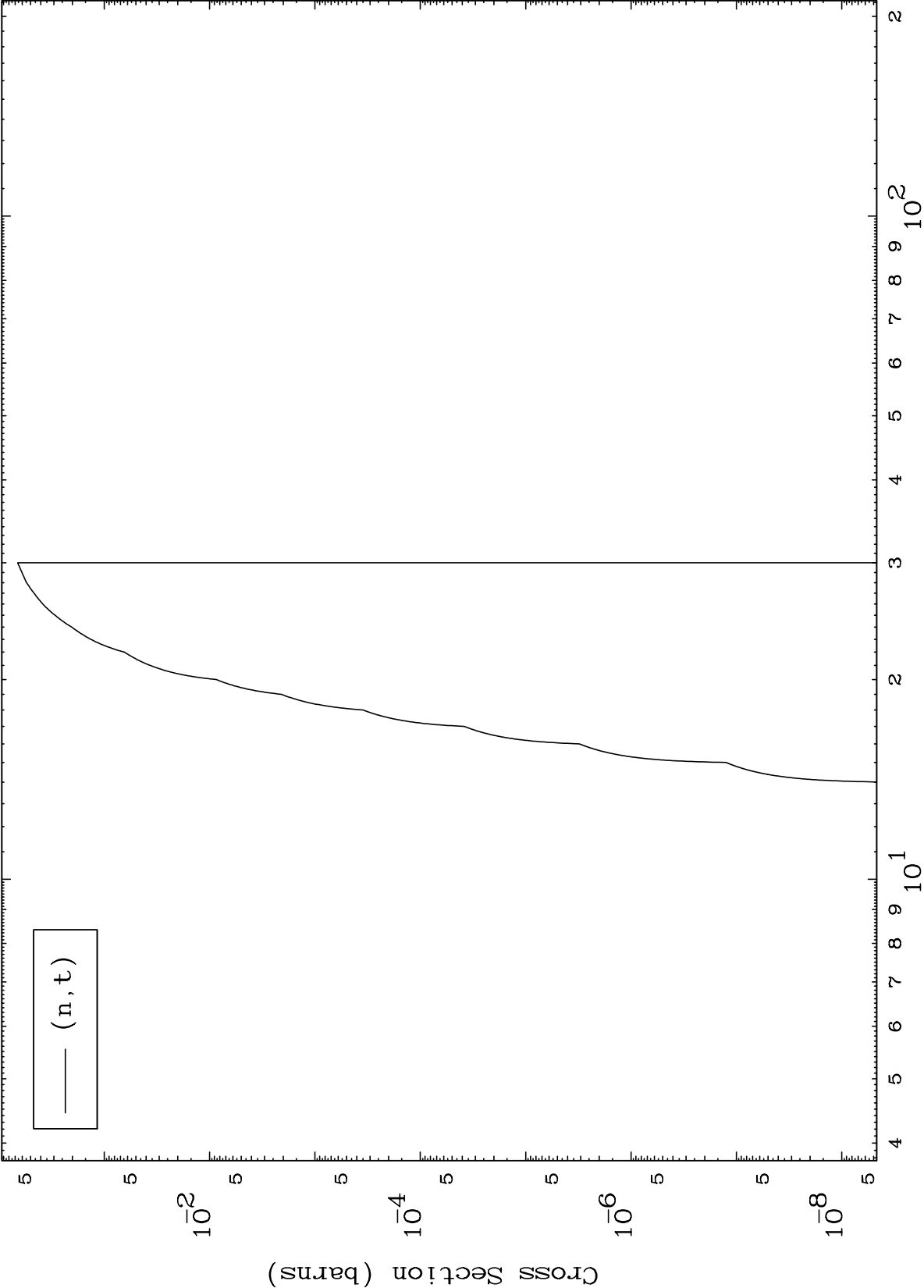
83-Bi-198

0 Kelvin Cross Sections



Incident Energy (MeV)

(He-3,t) Levels
0 Kelvin Cross Sections

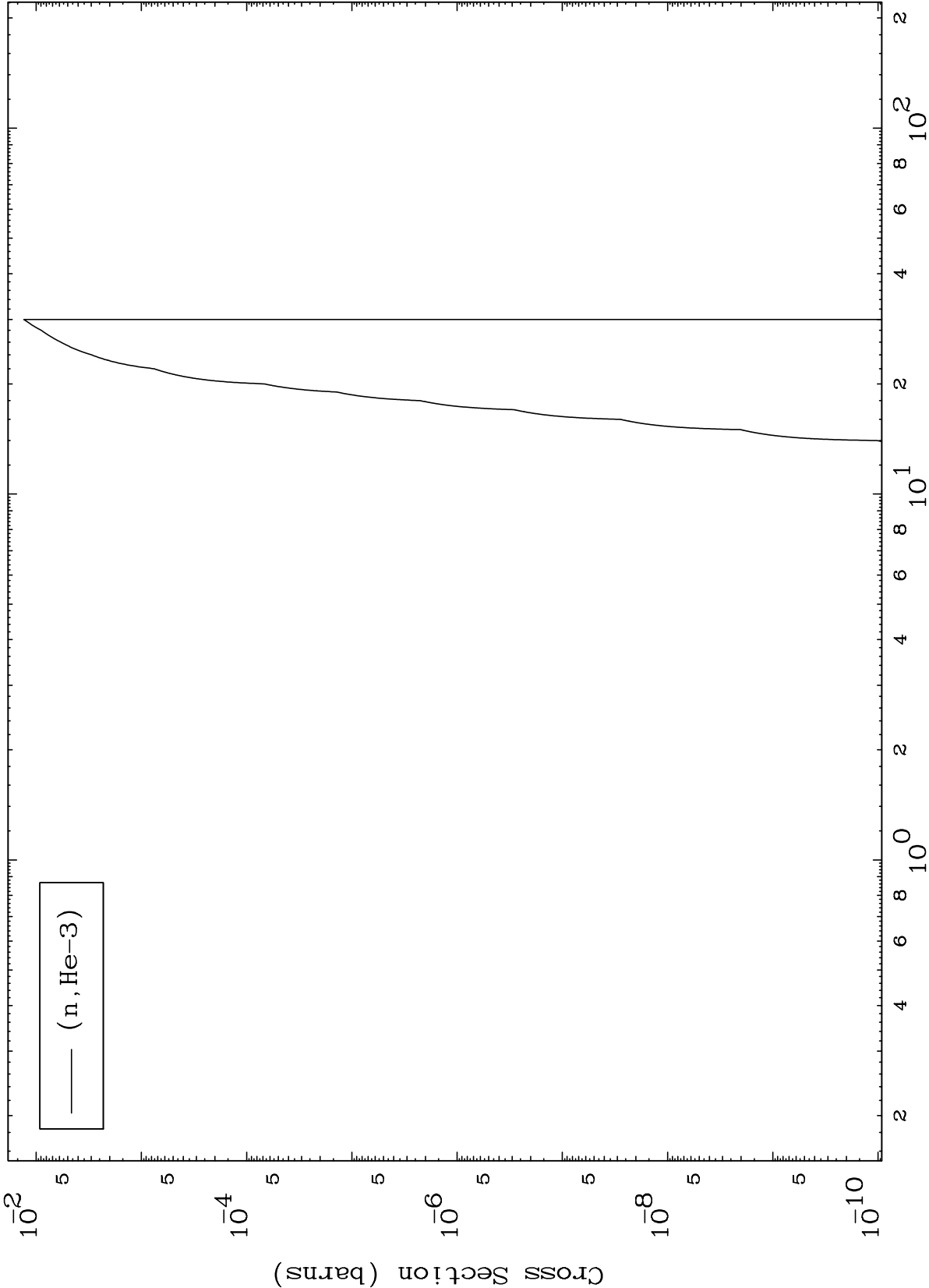


MAT 8292

(He-3, He3) Levels

83-Bi-198

0 Kelvin Cross Sections



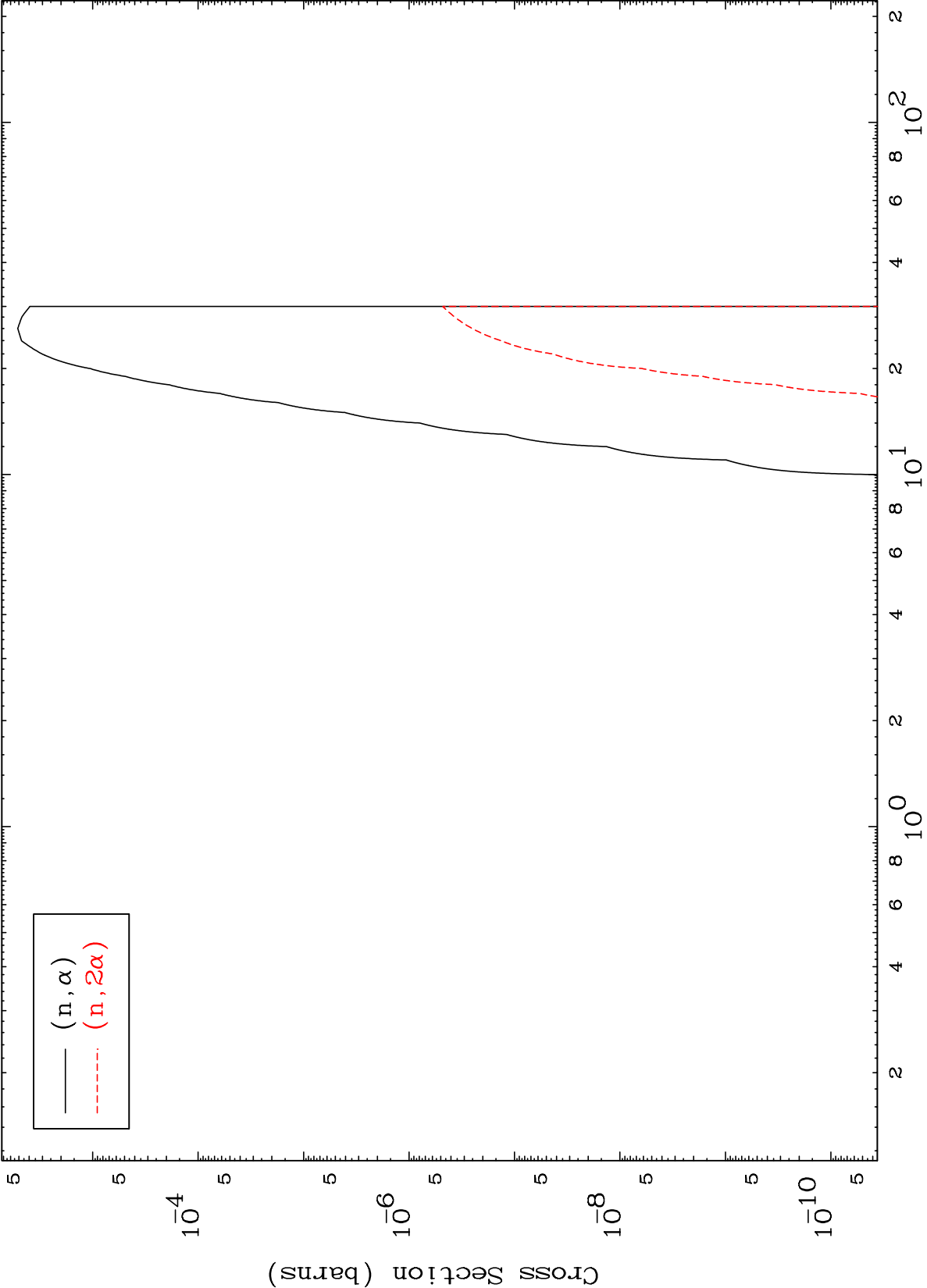
— (n, He-3)

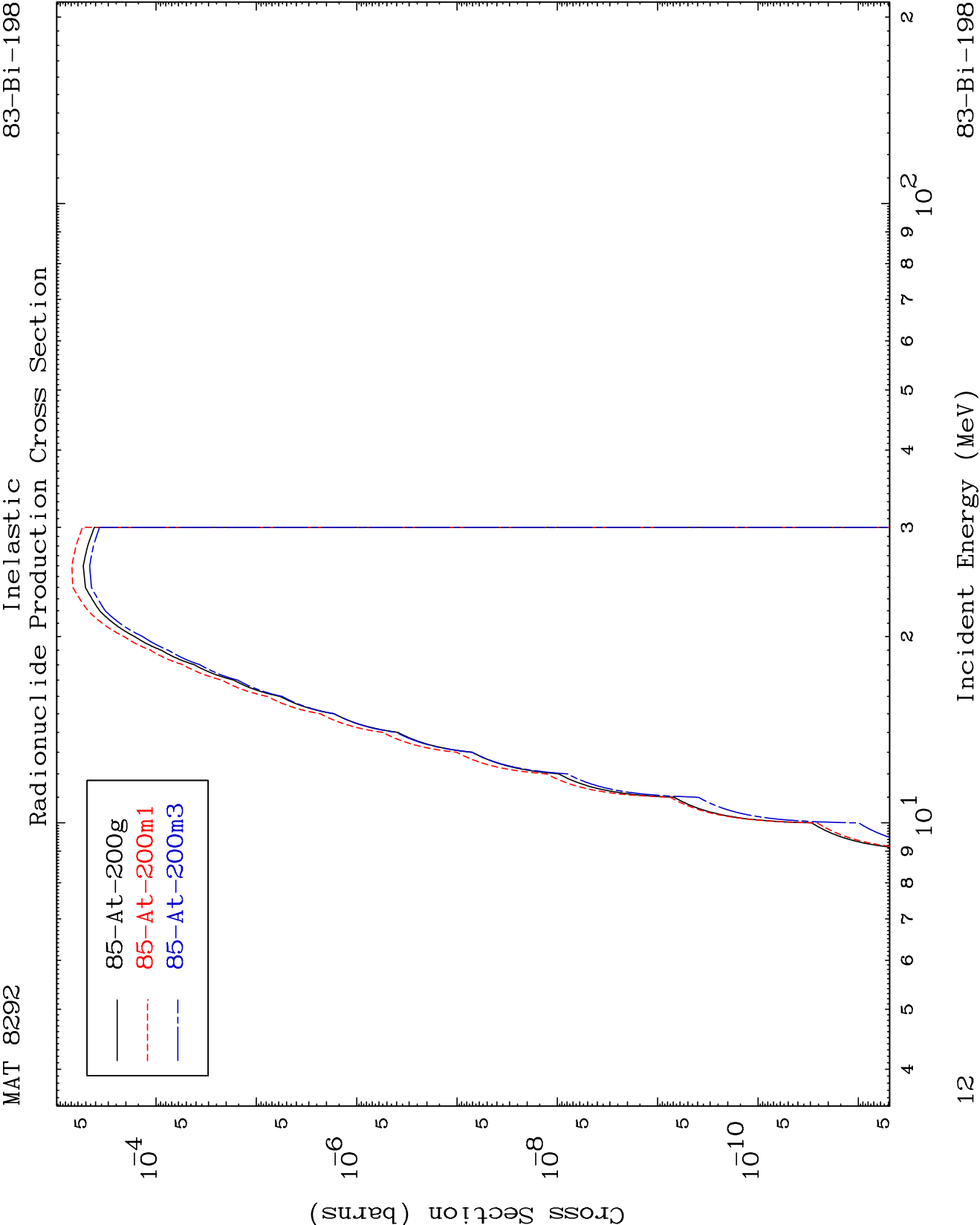
10

Incident Energy (MeV)

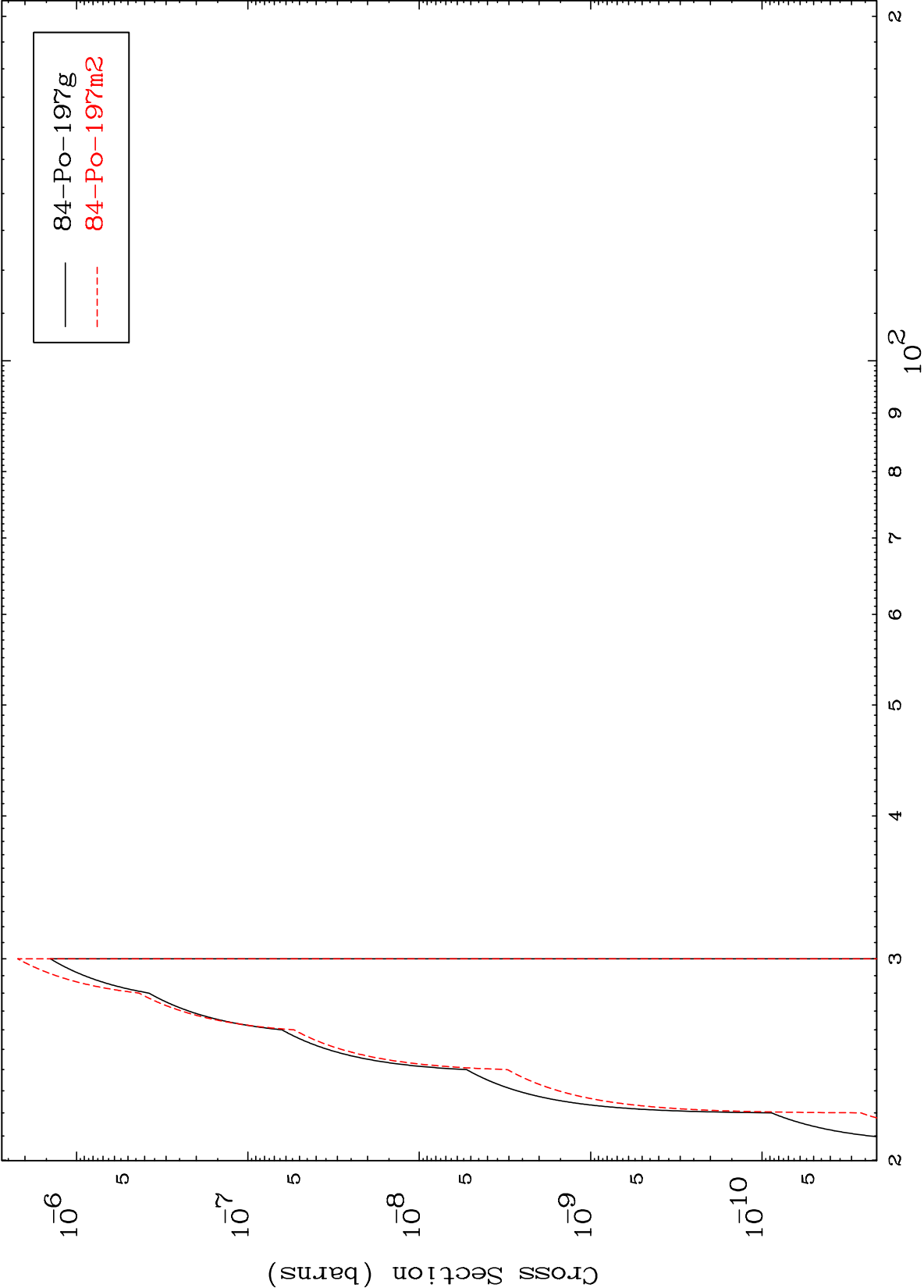
83-Bi-198

0 Kelvin Cross Sections

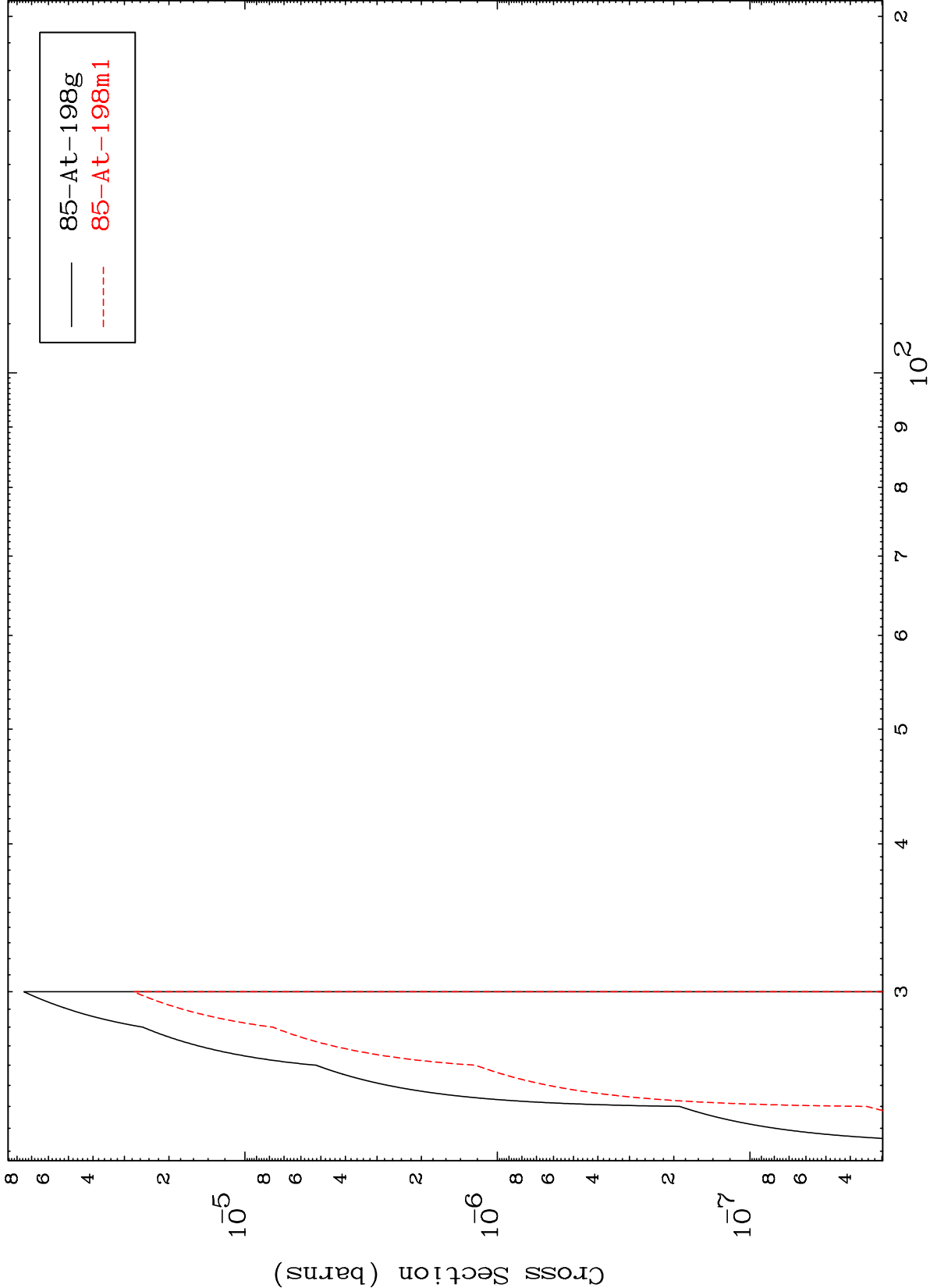




(n,2n) d
Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

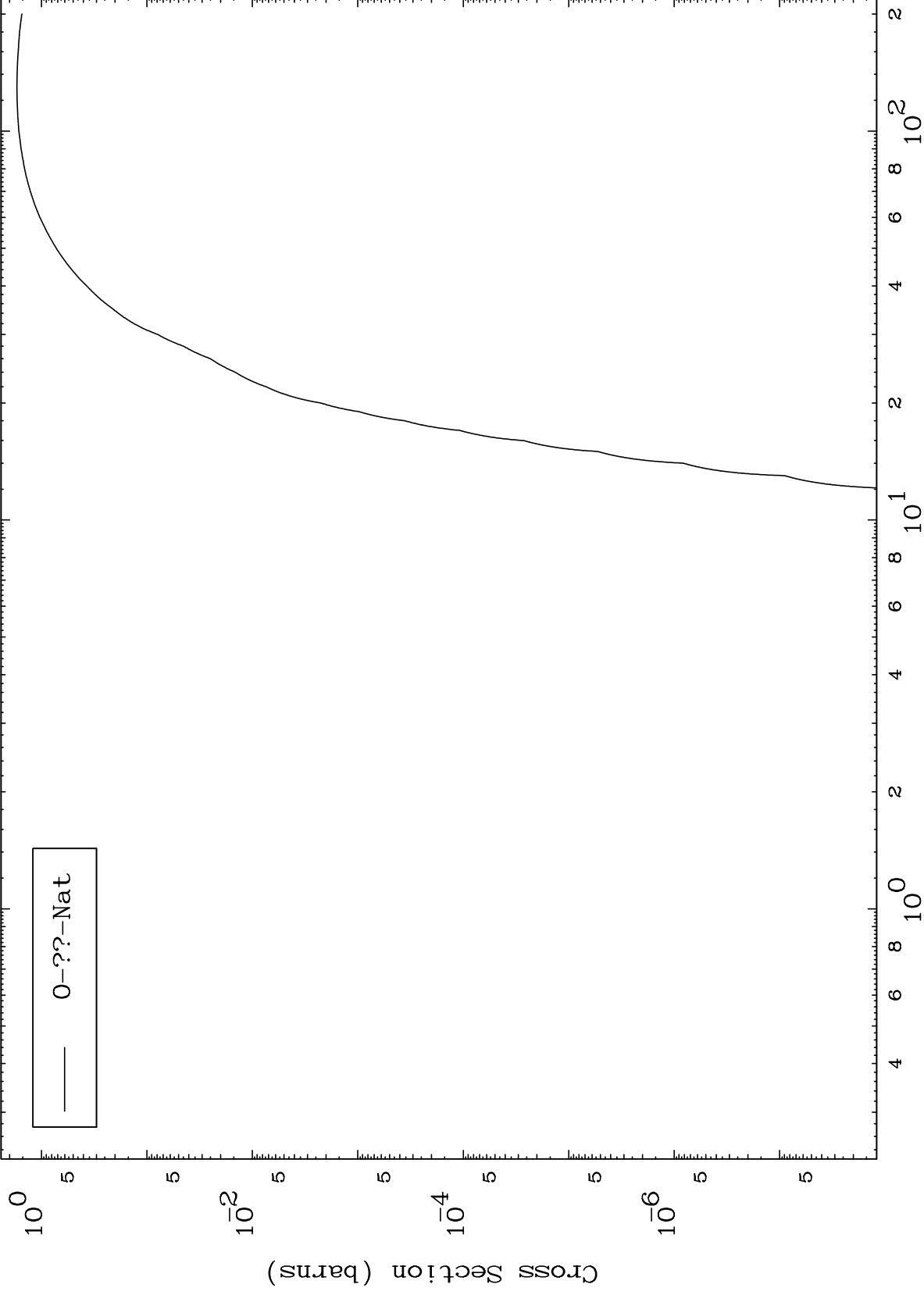


MAT 8292

Fission

83-Bi-198

Radionuclide Production Cross Section



15

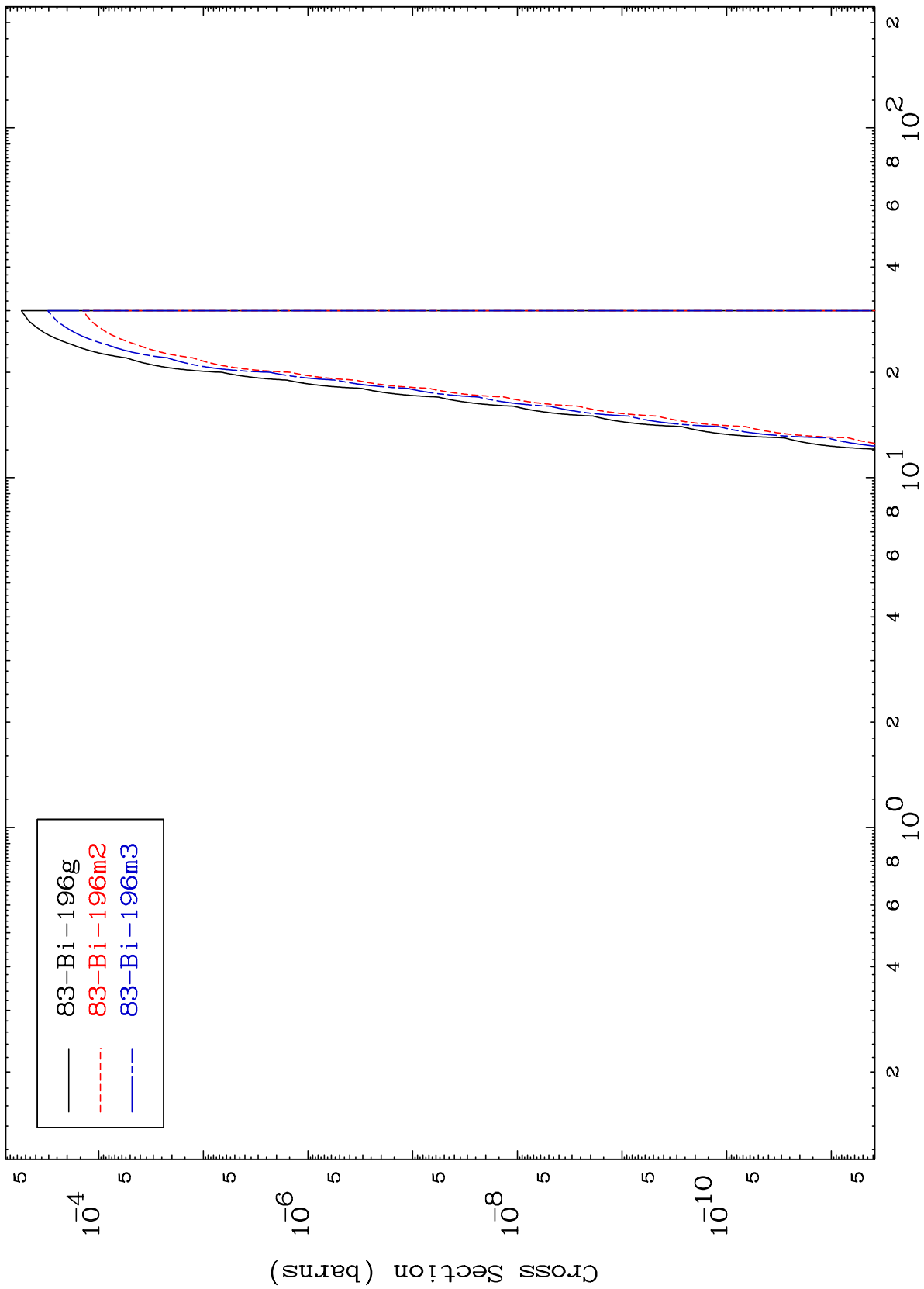
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

Radionuclide Production Cross Section
(n,n') α



16

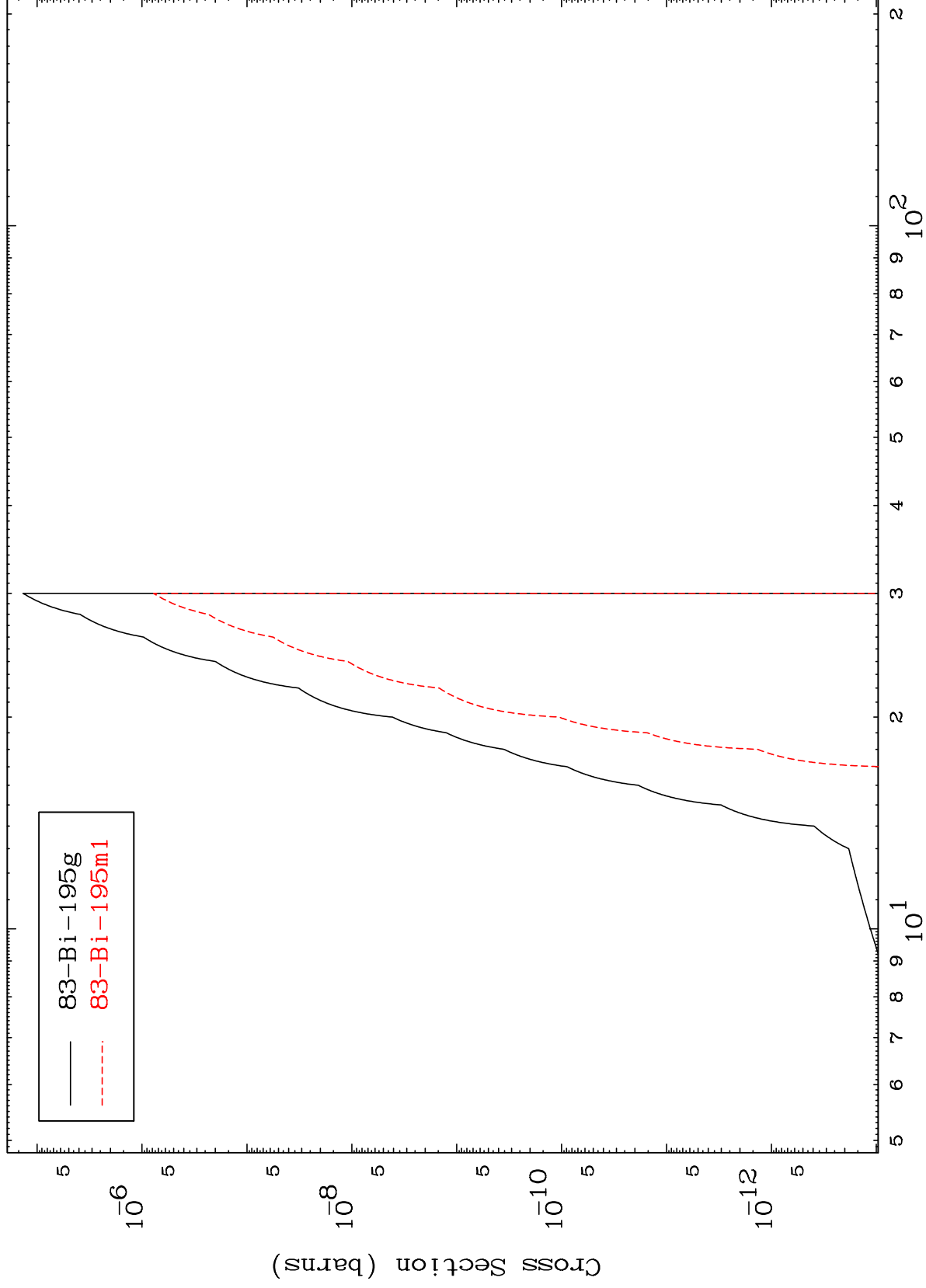
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(n,2n) α
Radionuclide Production Cross Section



17

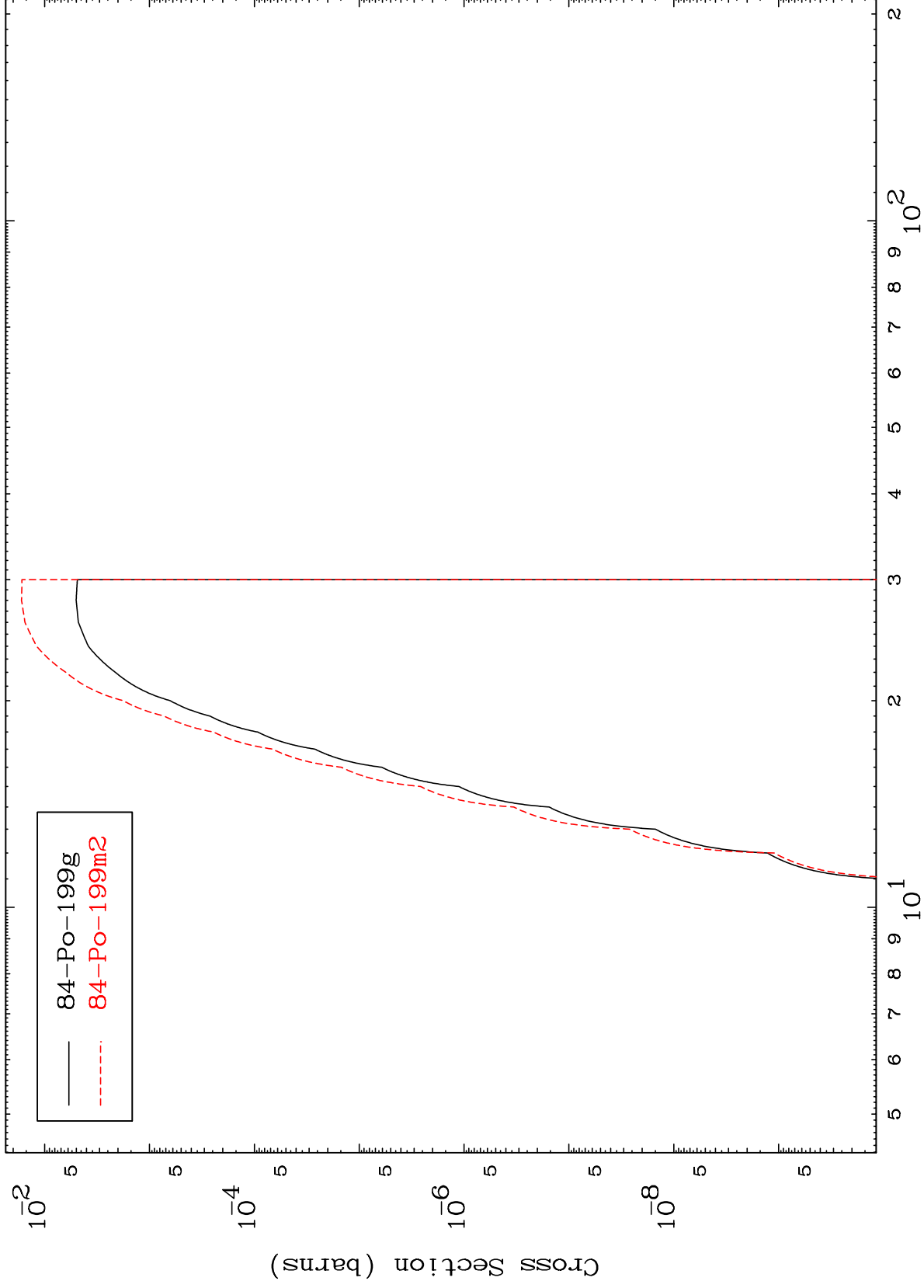
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

(n,n') p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

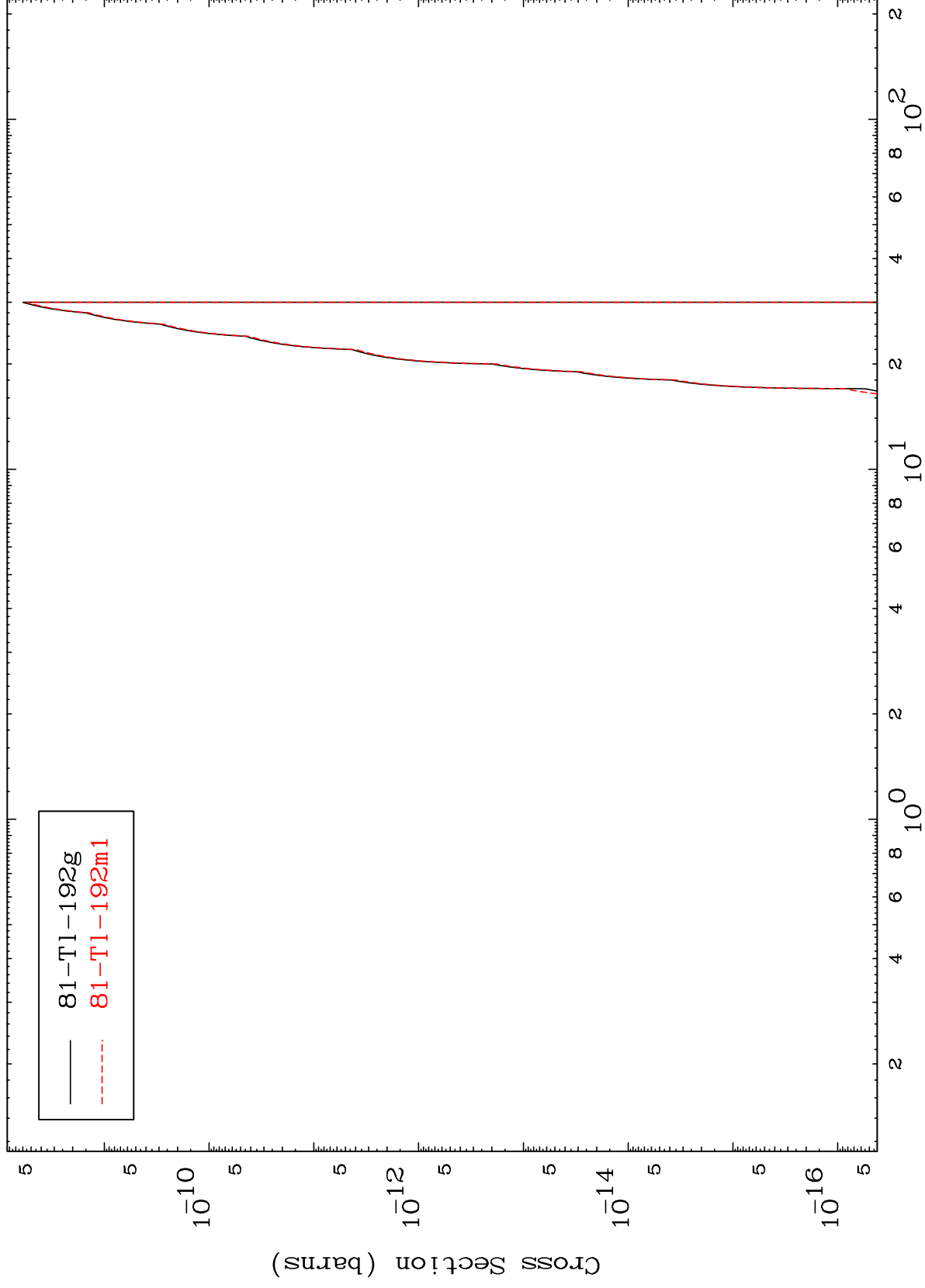
83-Bi-198

MAT 8292

83-Bi-198

(n,n') 2α

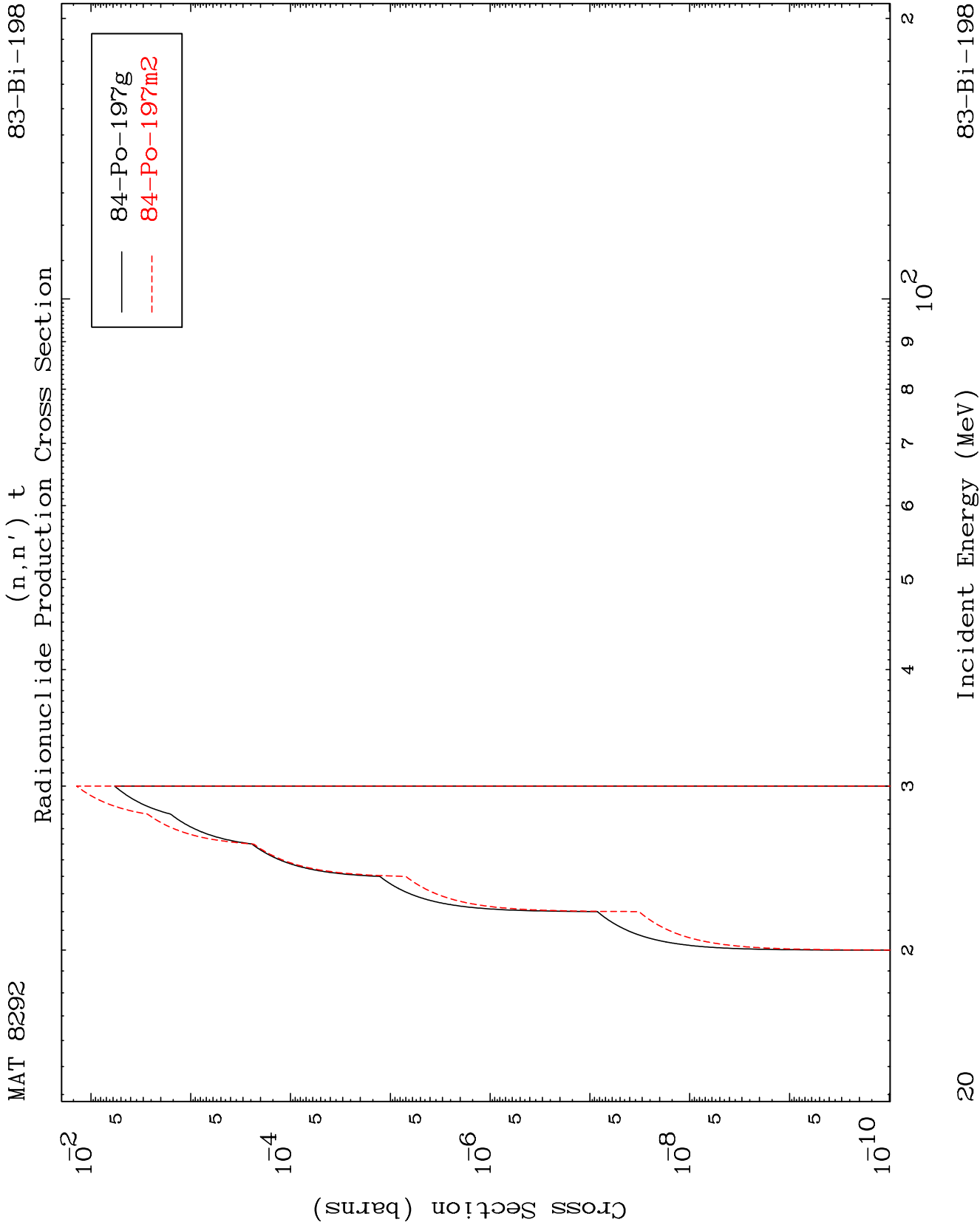
Radionuclide Production Cross Section



19

Incident Energy (MeV)

83-Bi-198

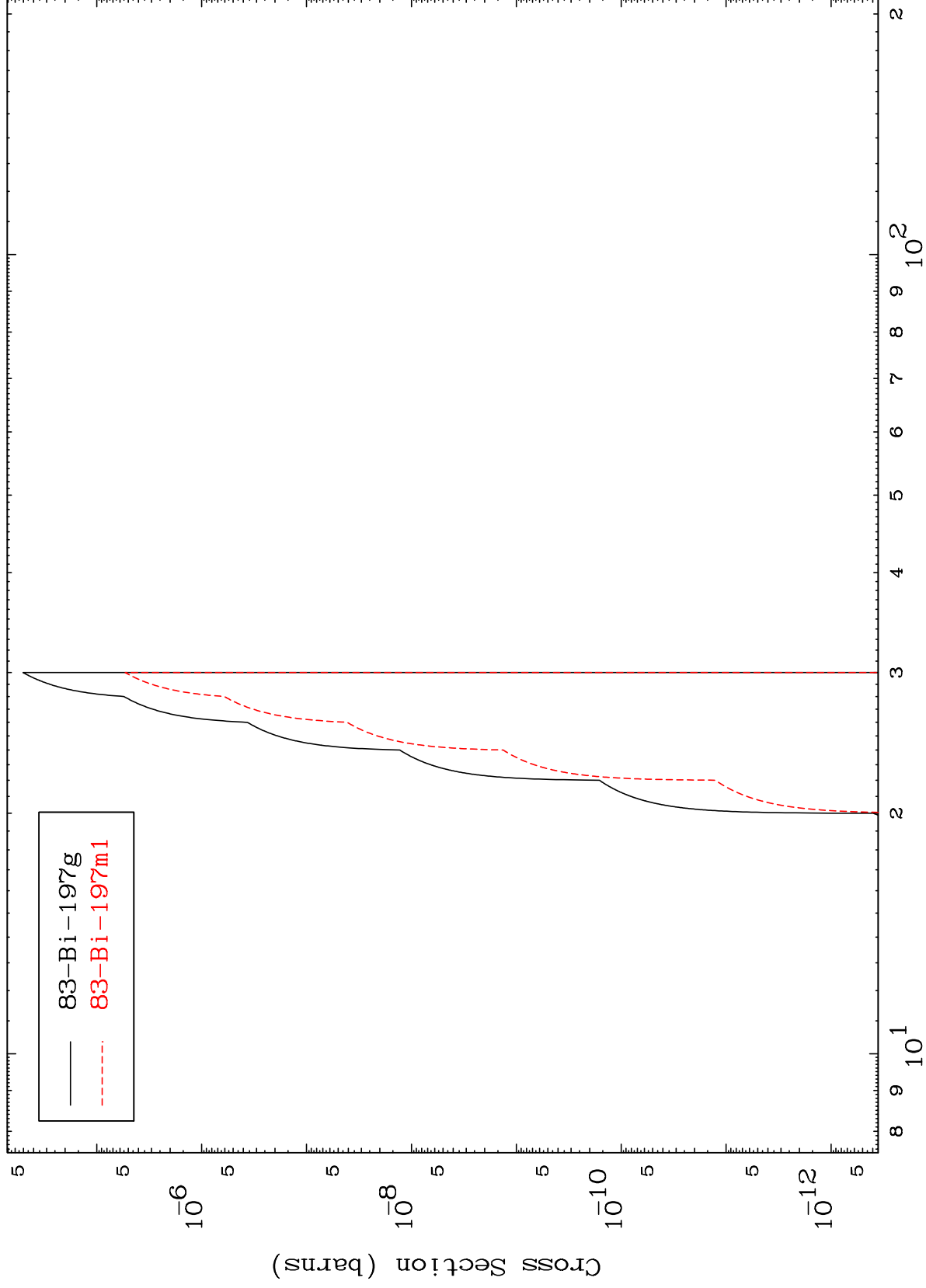


MAT 8292

(n,n') He-3

83-Bi-198

Radionuclide Production Cross Section

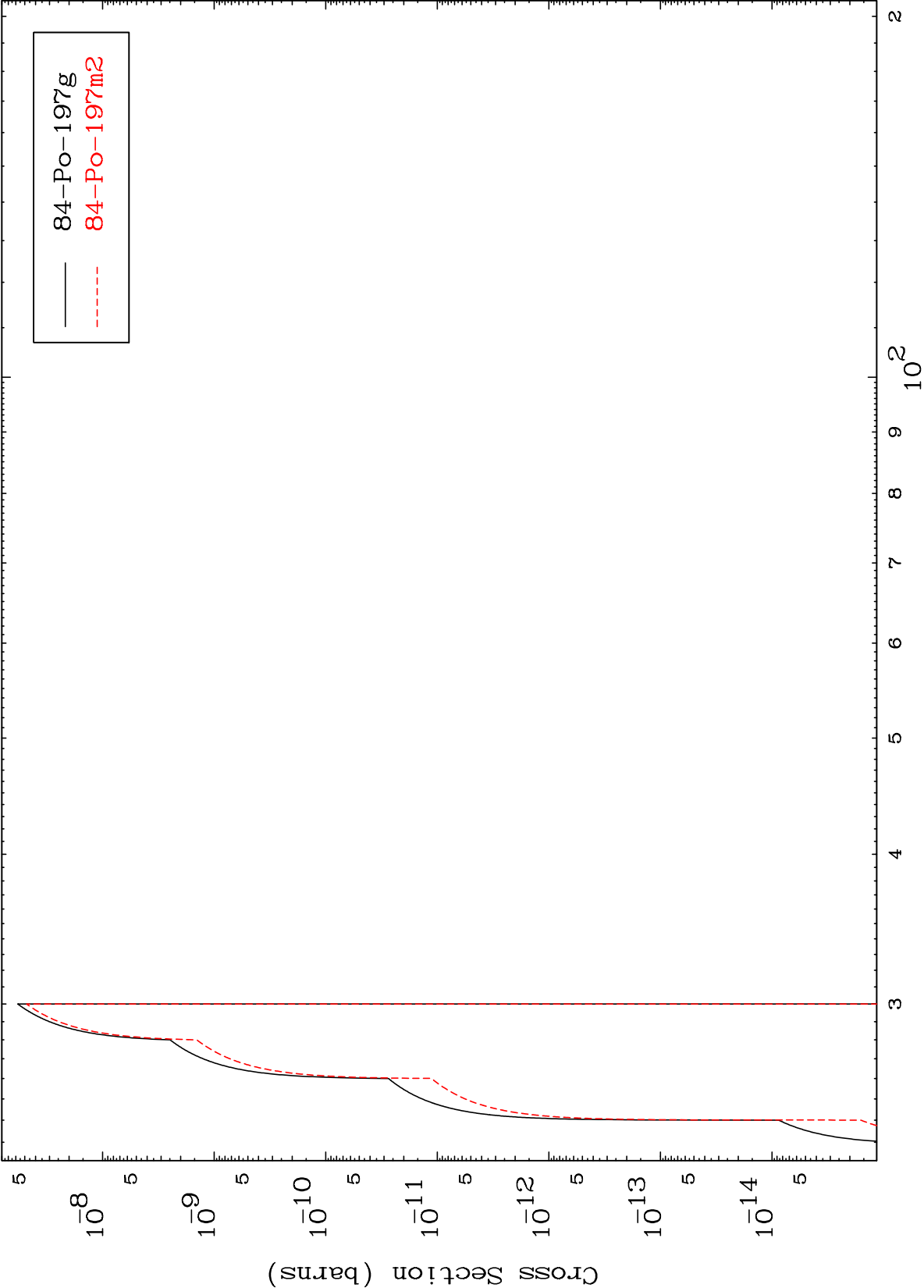


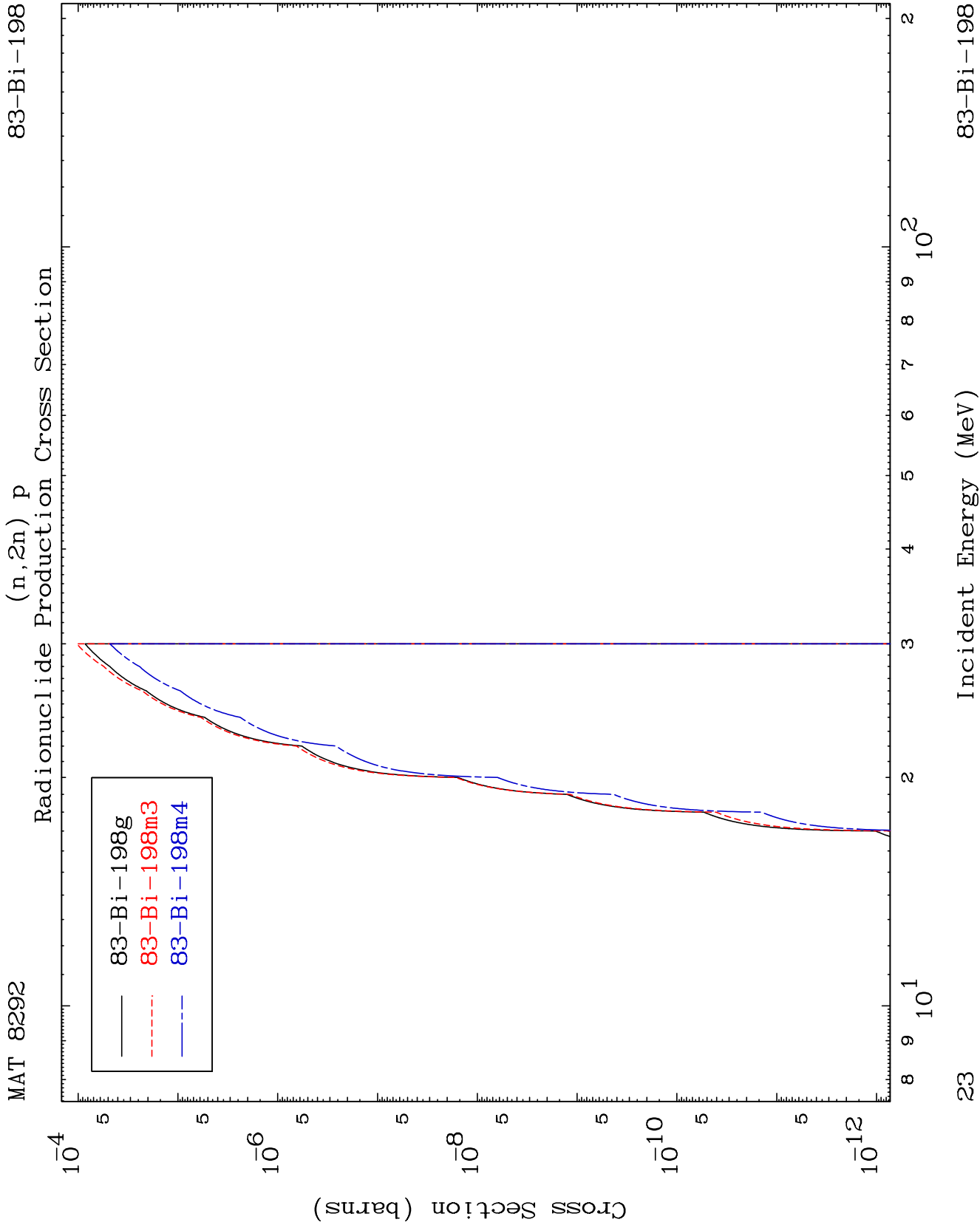
21

Incident Energy (MeV)

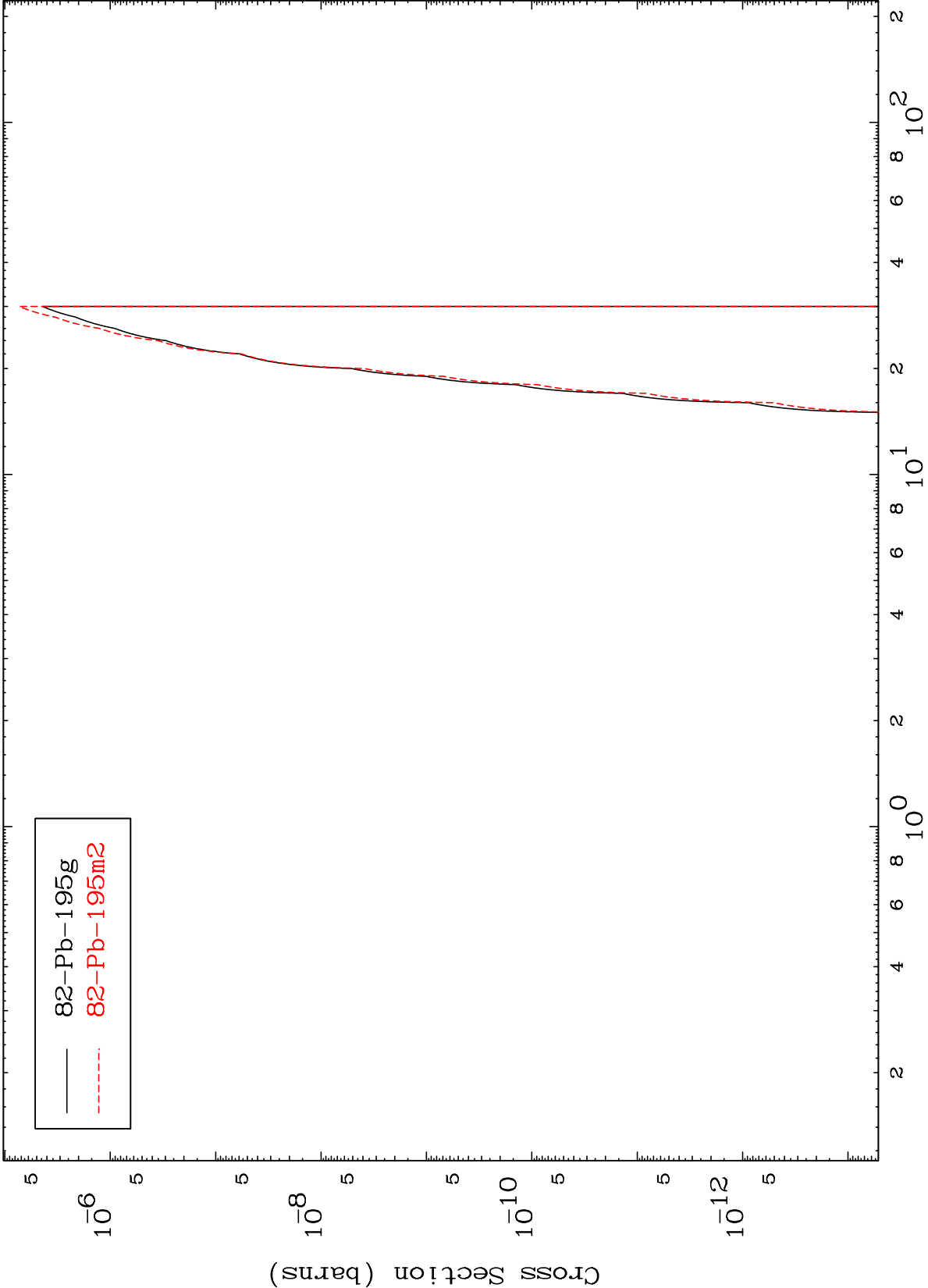
83-Bi-198

(n,3n) p
Radionuclide Production Cross Section

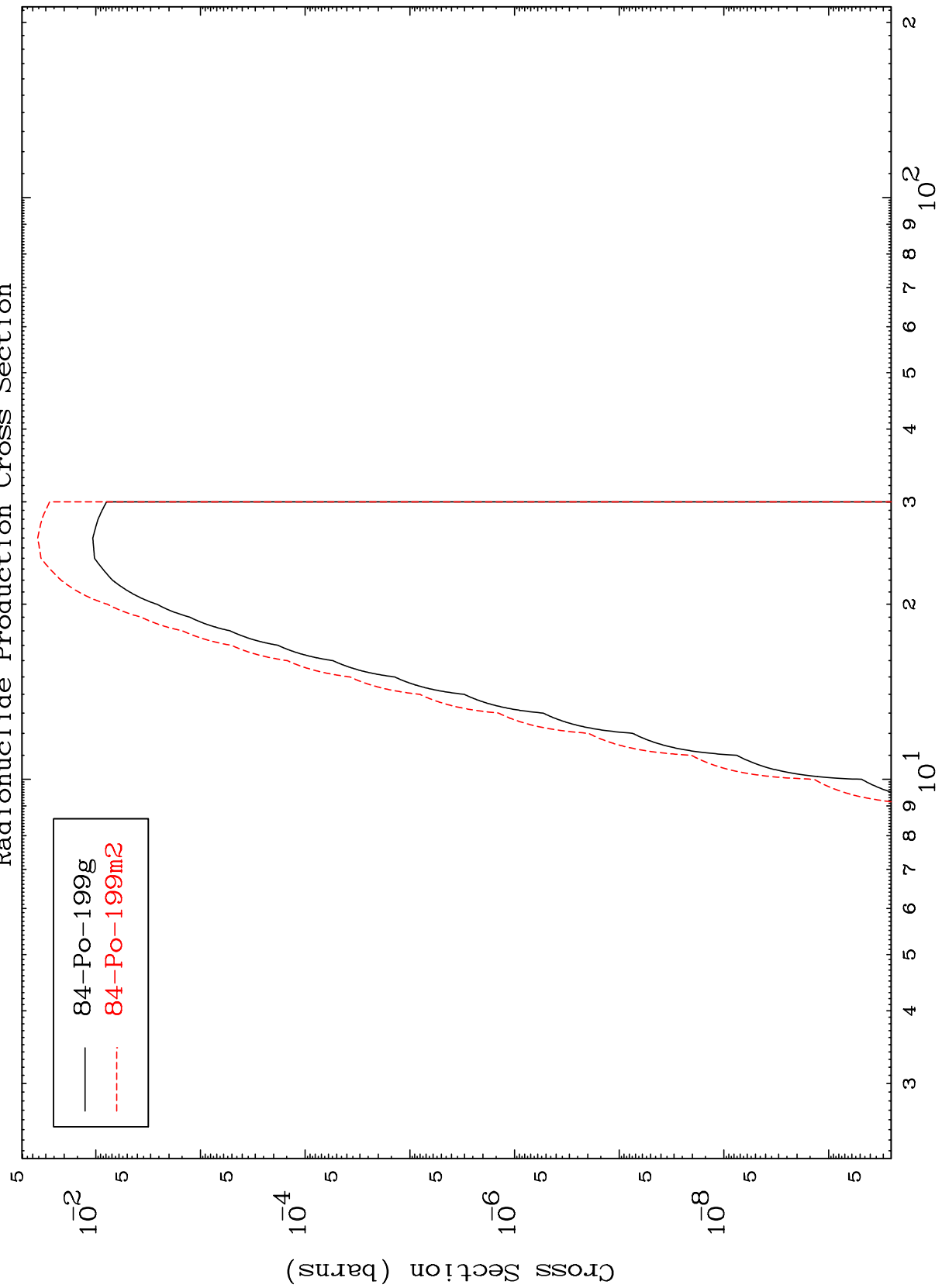


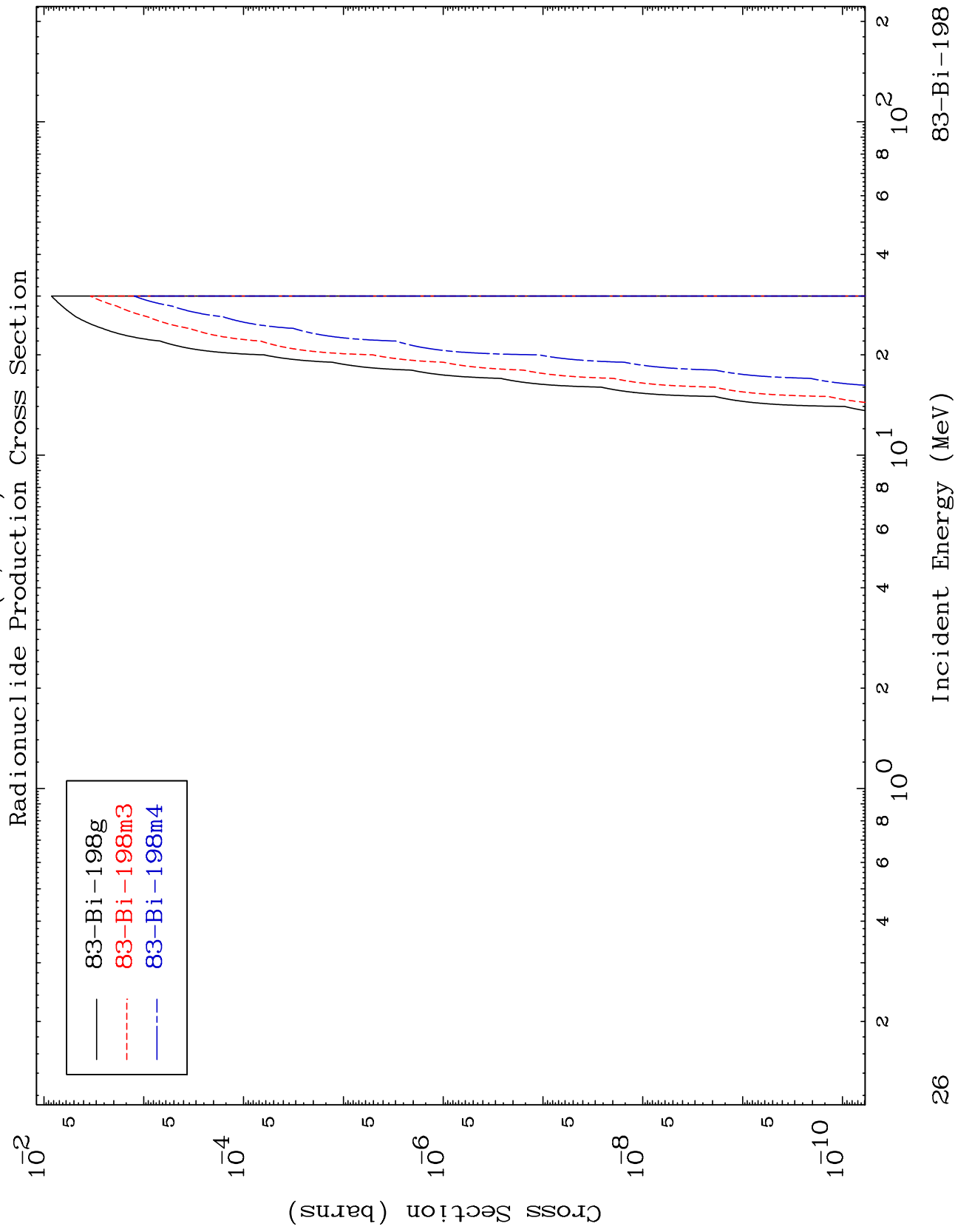


Radionuclide Production Cross Section



(n,d)
Radionuclide Production Cross Section

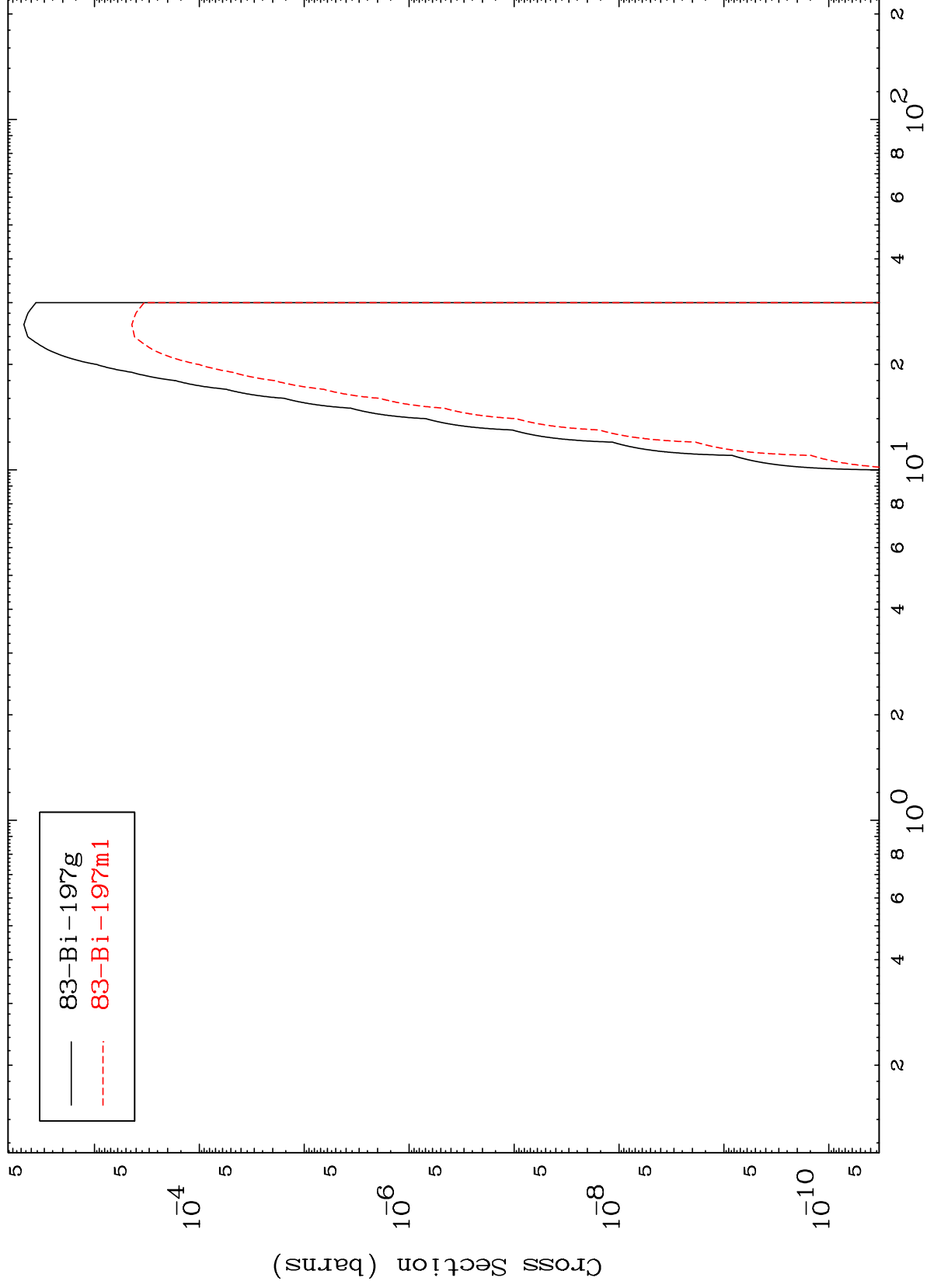




MAT 8292

83-Bi-198

Radionuclide Production Cross Section
(n, α)

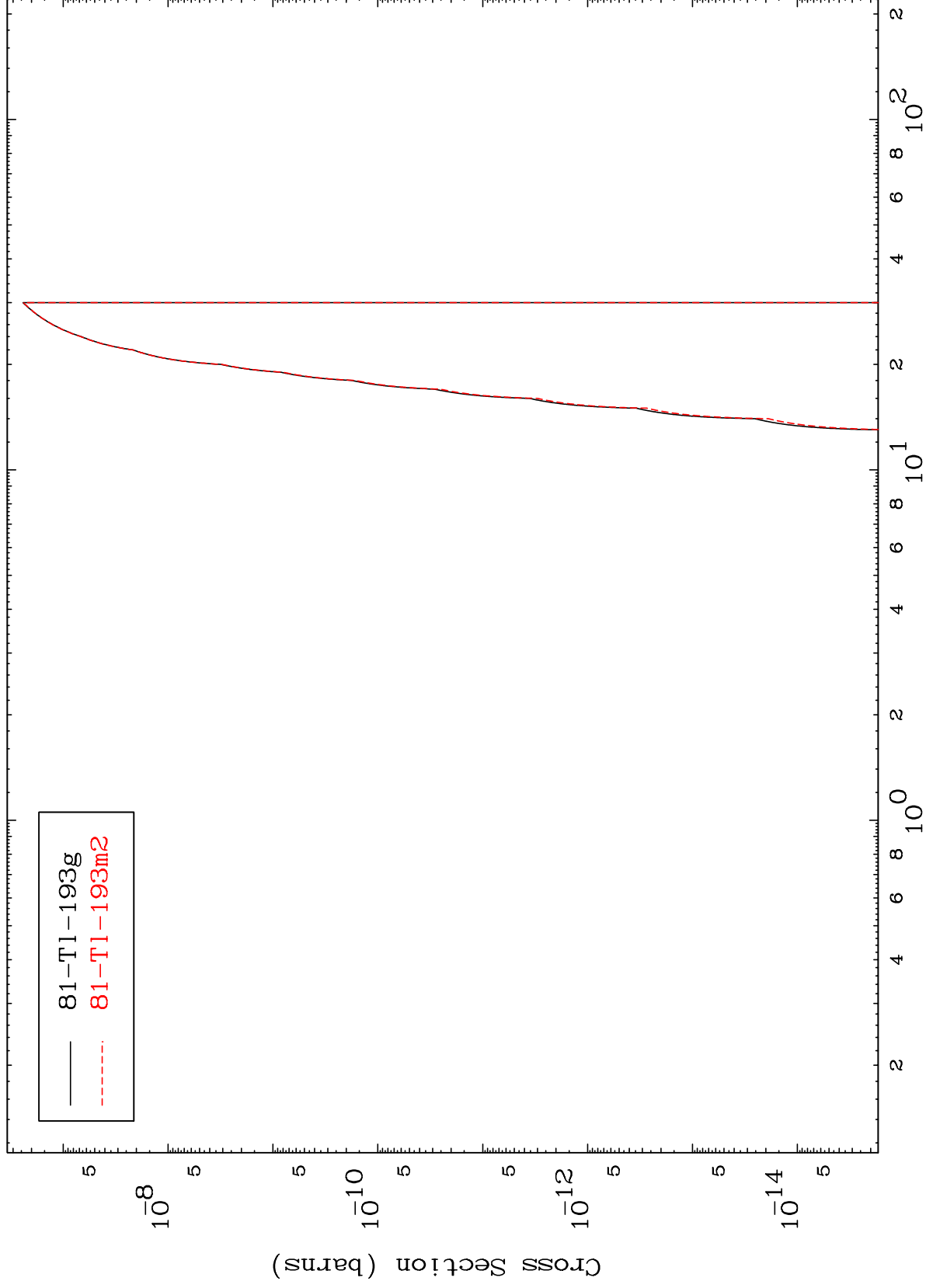


27

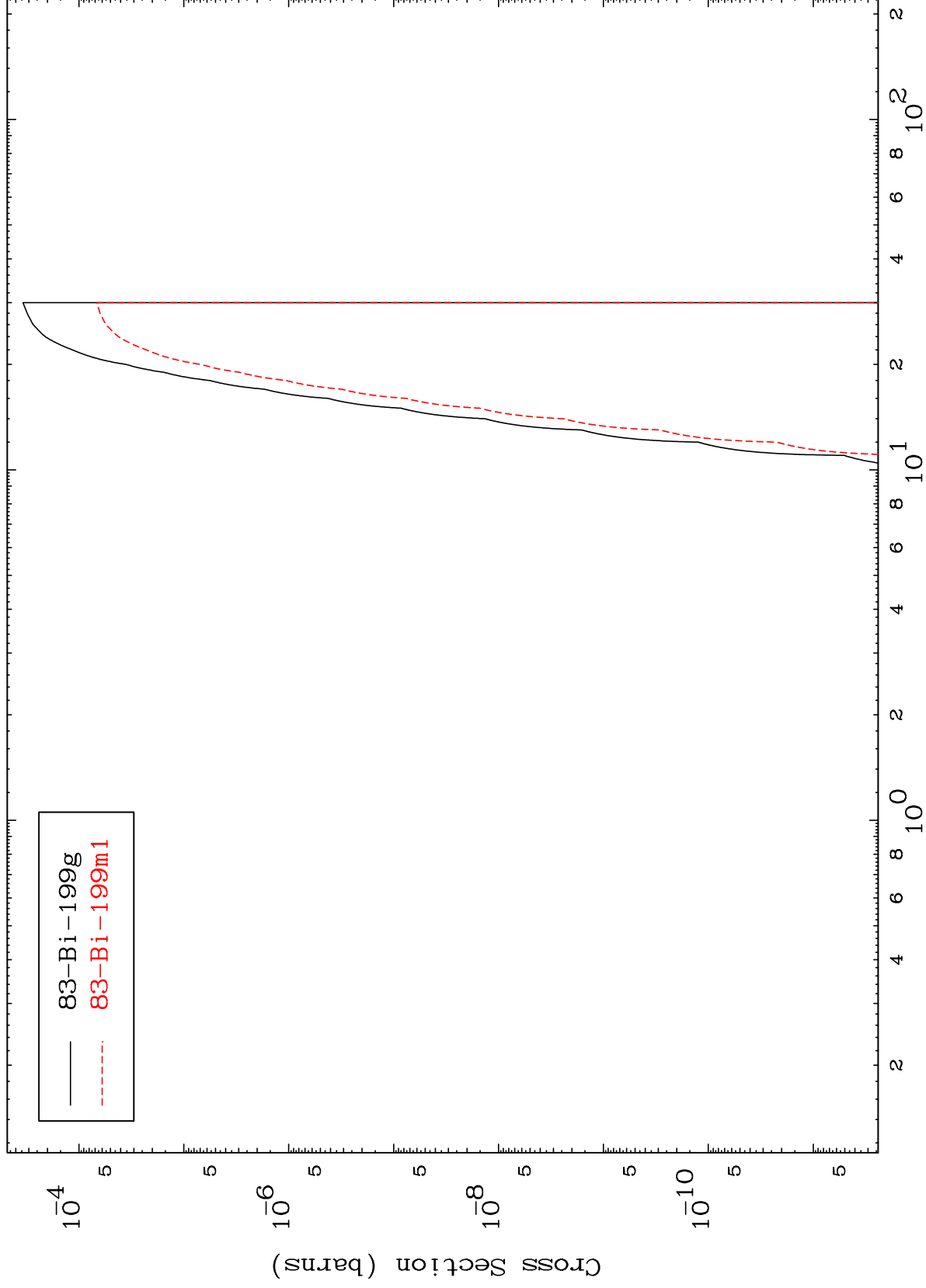
83-Bi-198

Incident Energy (MeV)

Radionuclide Production Cross Section
(n,2α)



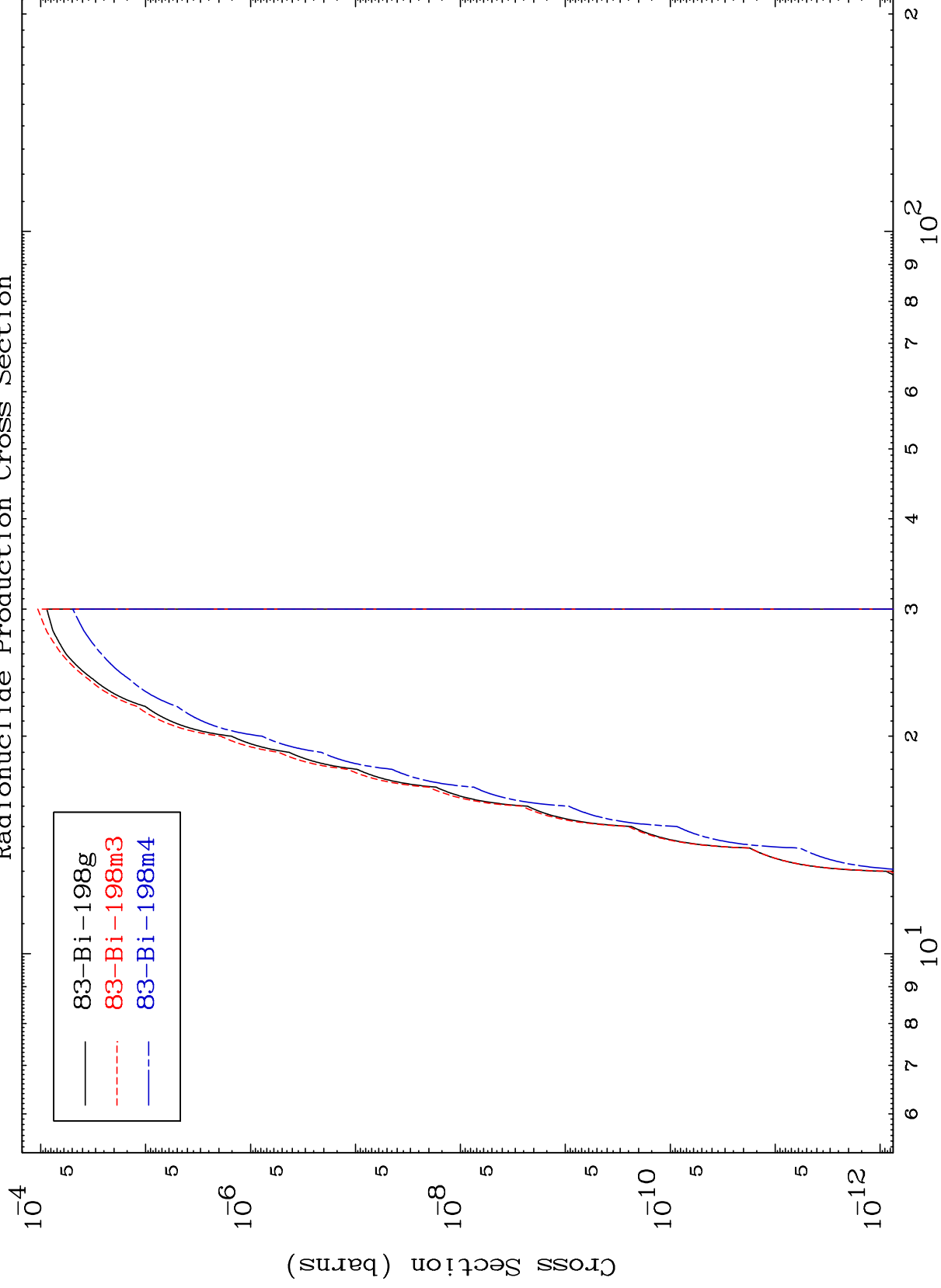
Radionuclide Production Cross Section (n,2p)



MAT 8292

83-Bi-198

(n,p) d
Radionuclide Production Cross Section

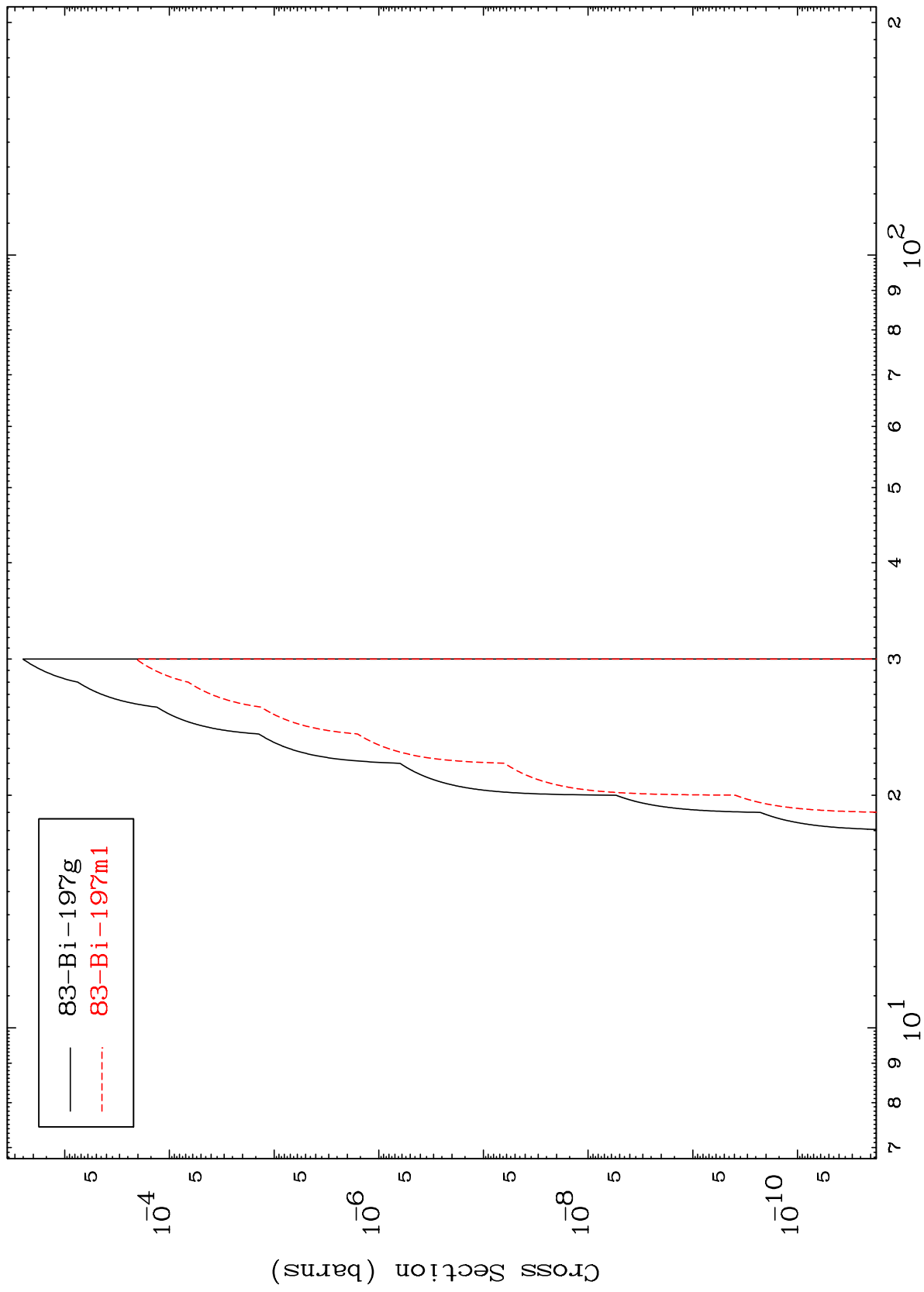


83-Bi-198

Incident Energy (MeV)

30

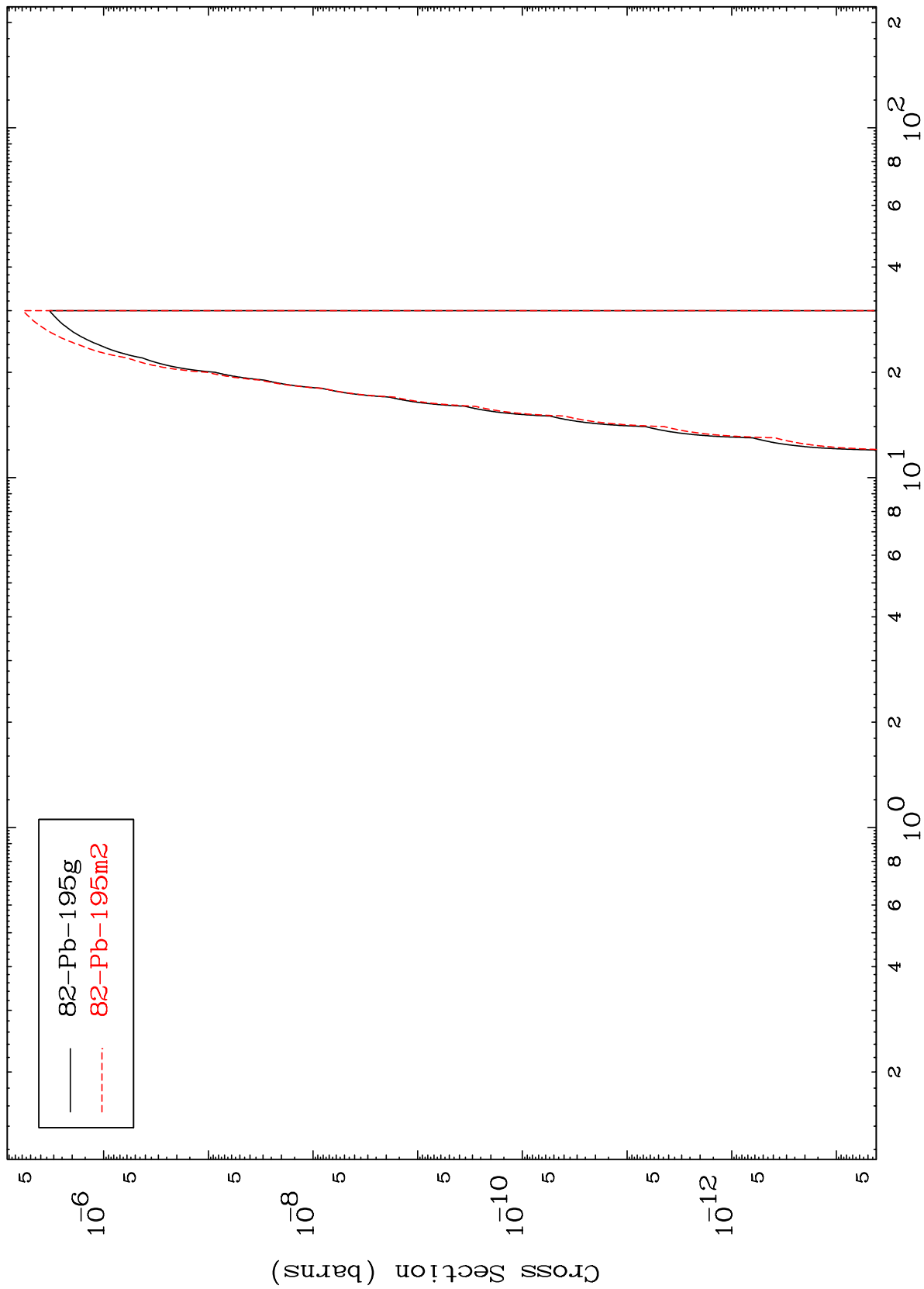
(n,p) t
Radionuclide Production Cross Section



MAT 8292

83-Bi-198

Radionuclide Production Cross Section
(n,d) α



32

Incident Energy (MeV)

83-Bi-198