

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

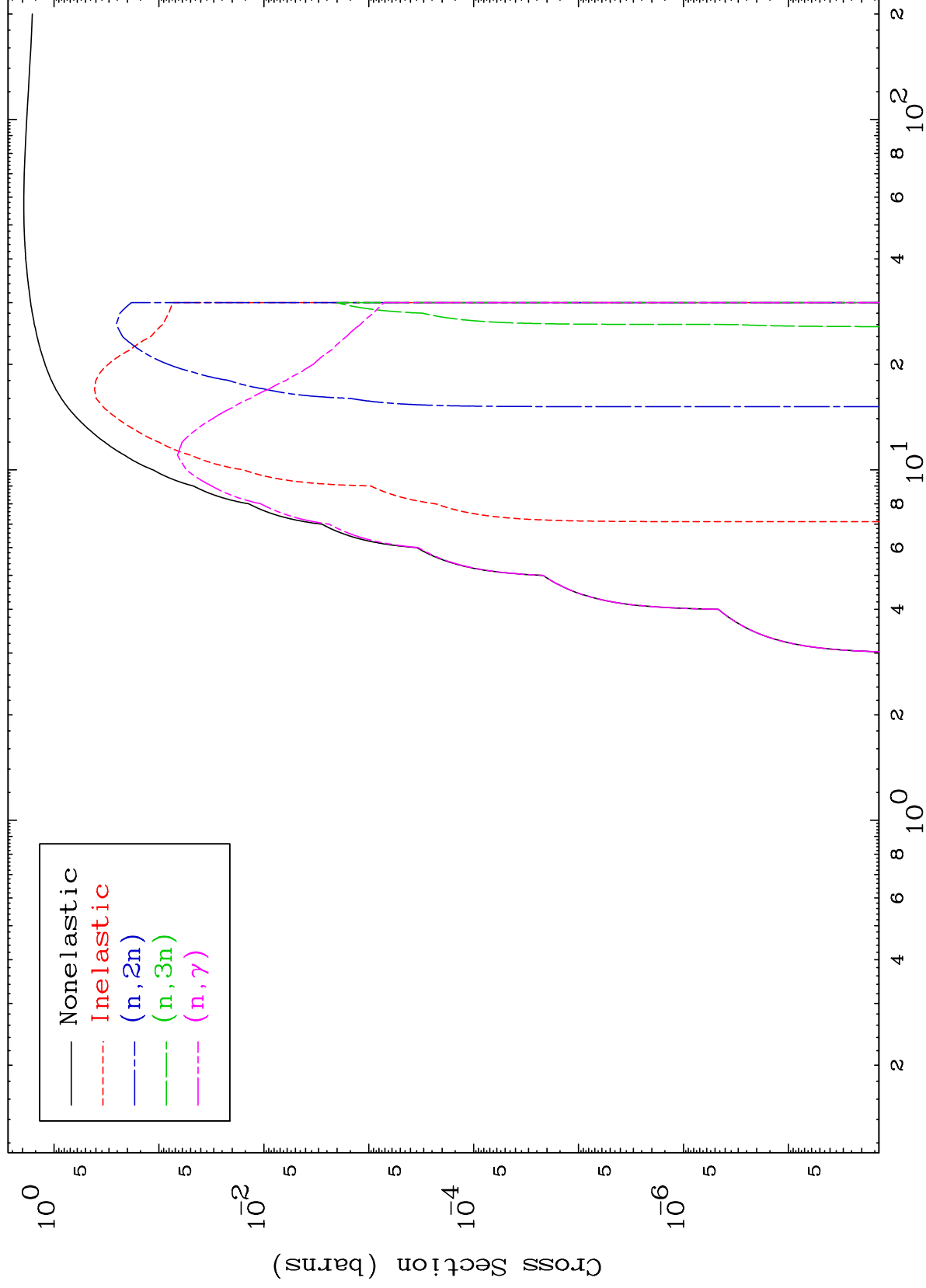
Press Mouse Button to Start

MAT 8289

Proton Major

83-Bi-197

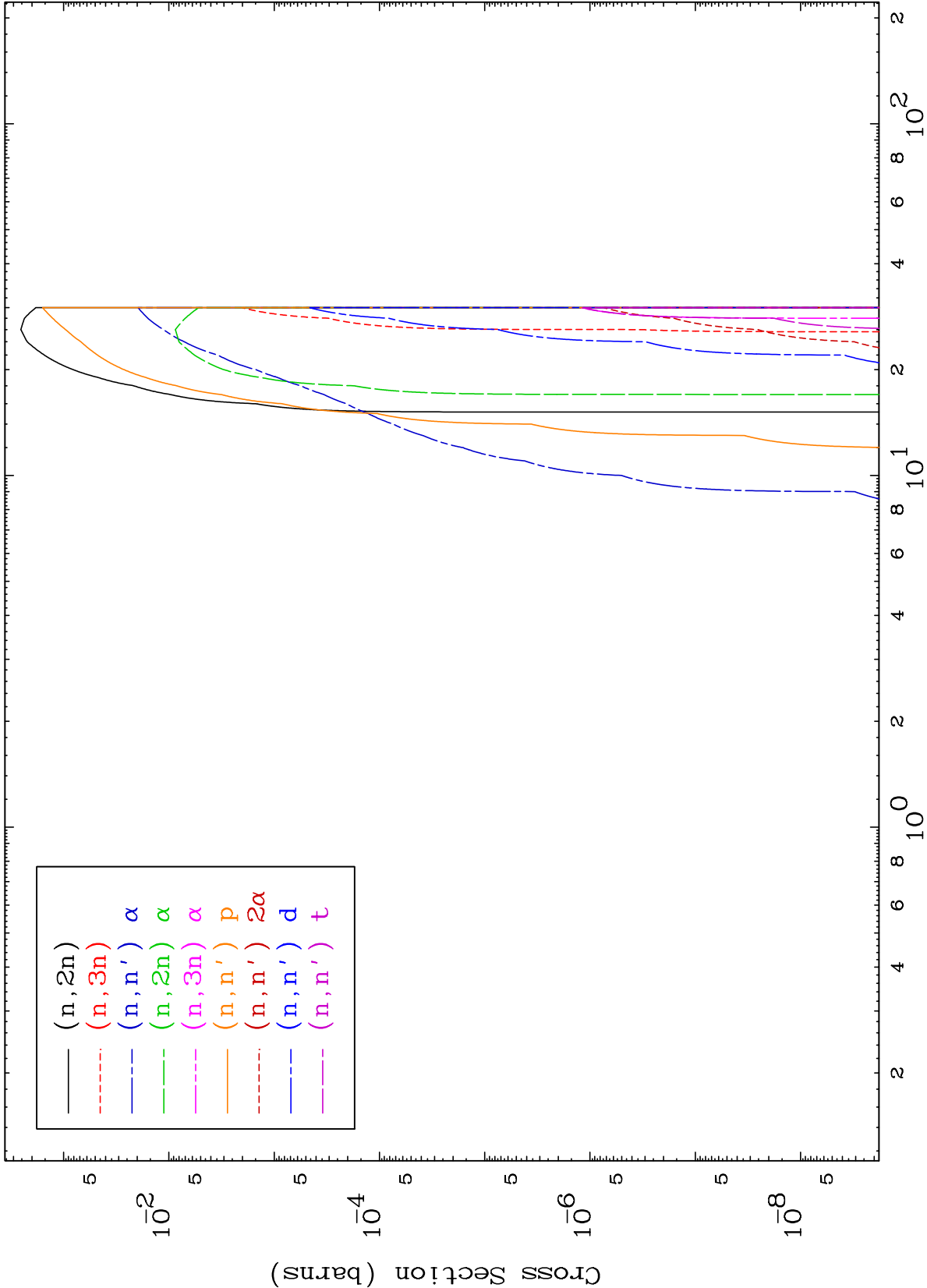
0 Kelvin Cross Sections

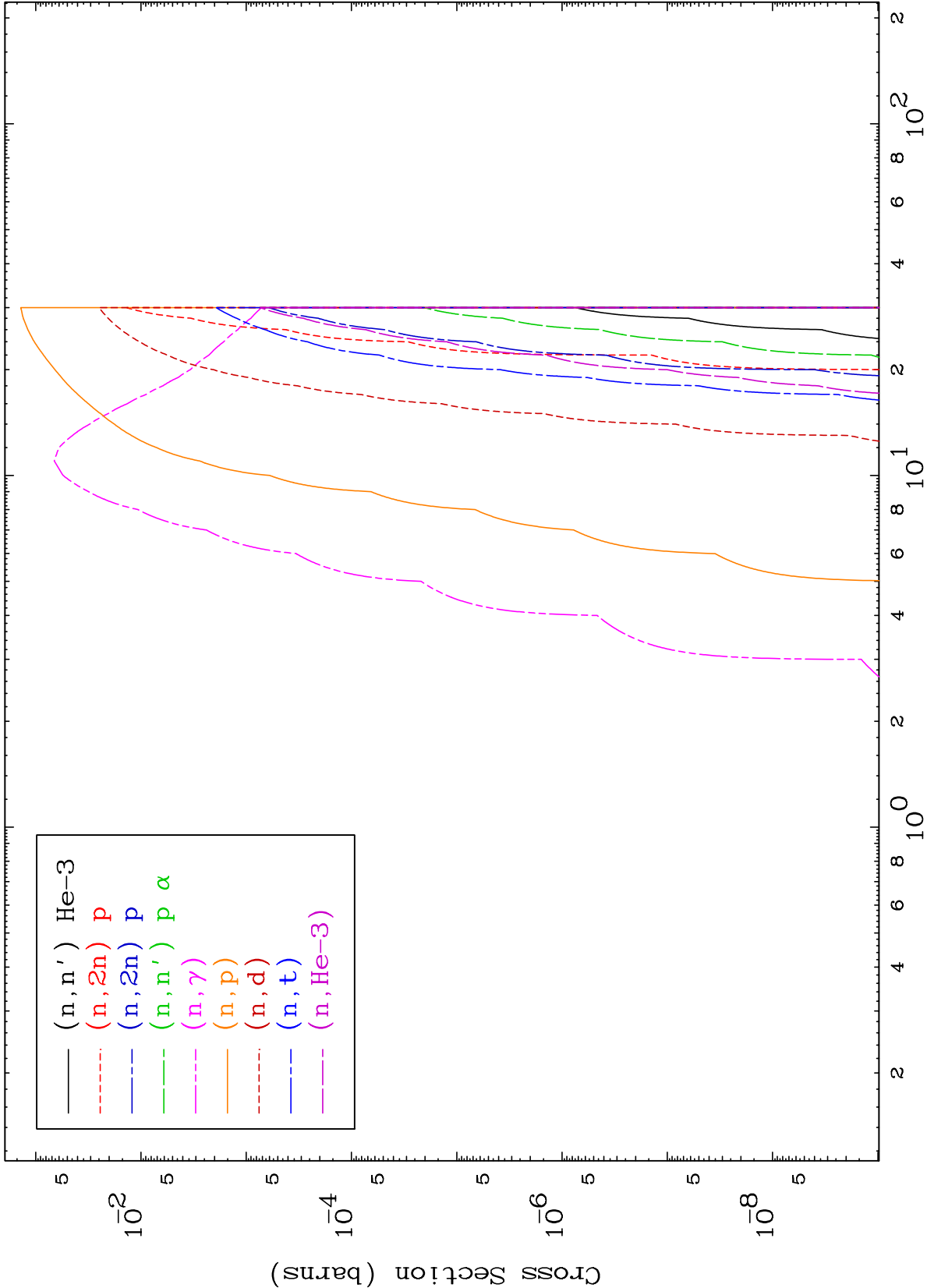


1

Incident Energy (MeV)

83-Bi-197

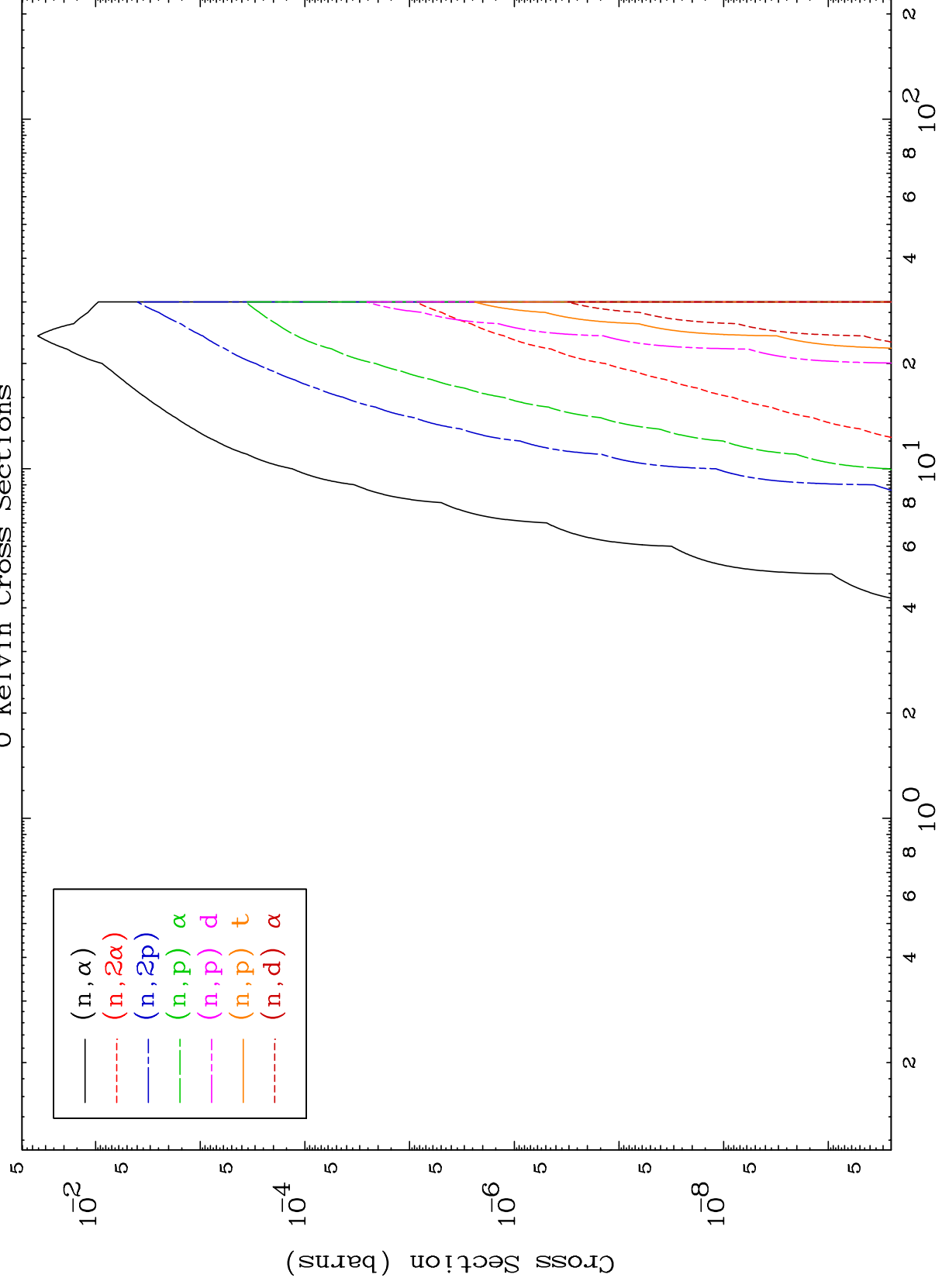


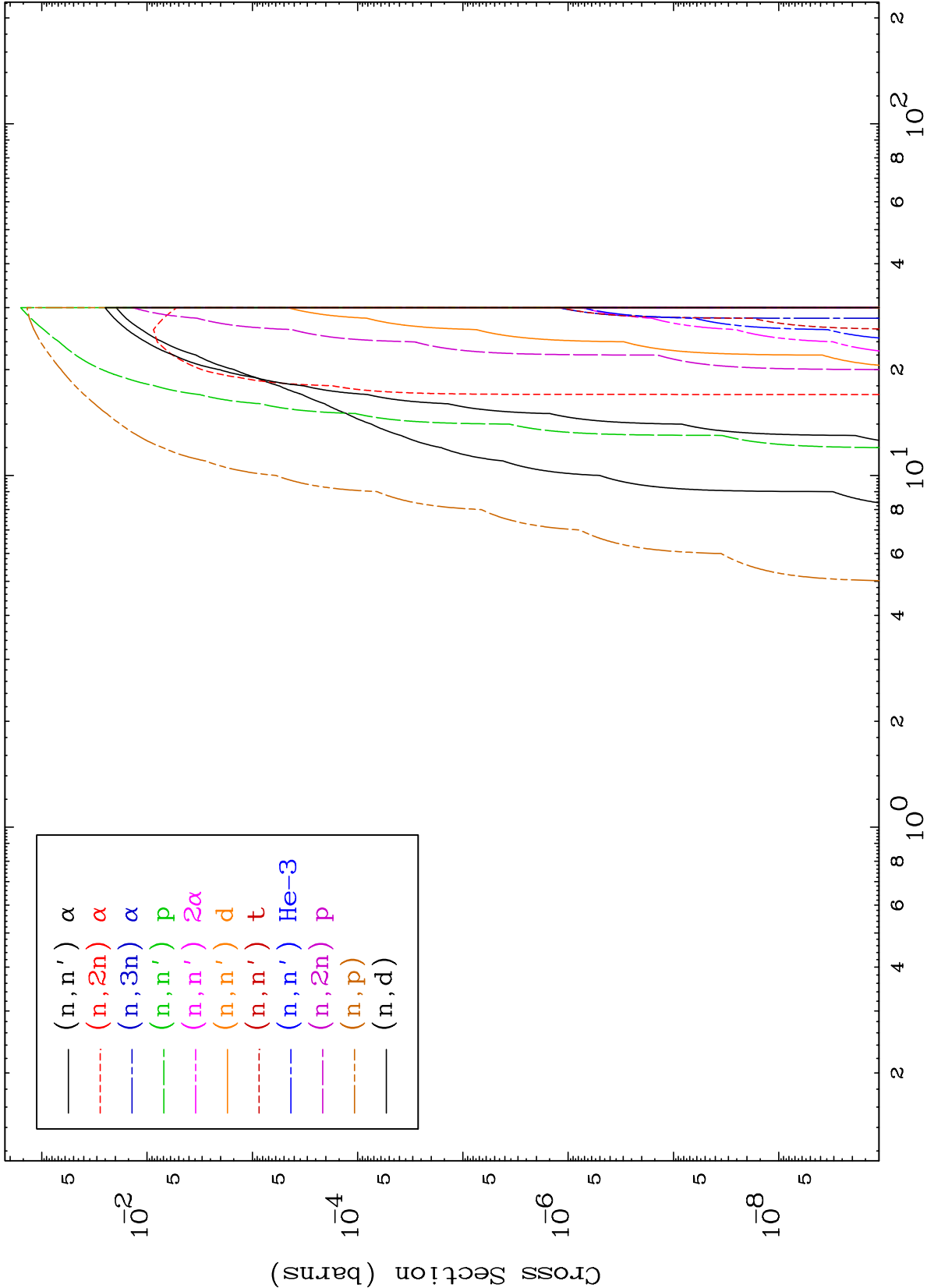


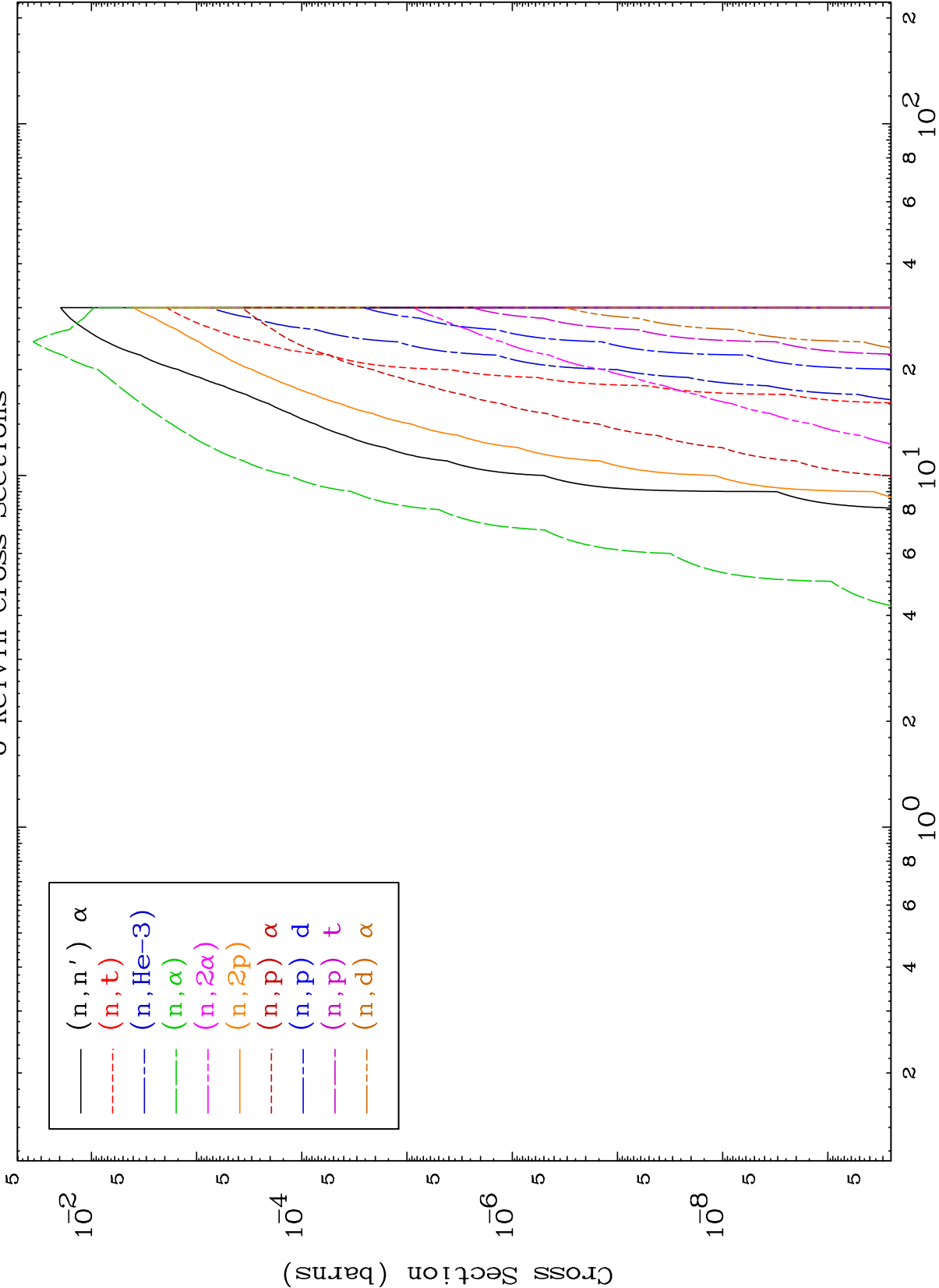
MAT 8289

Proton Neutron Absorption
0 Kelvin Cross Sections

83-Bi-197



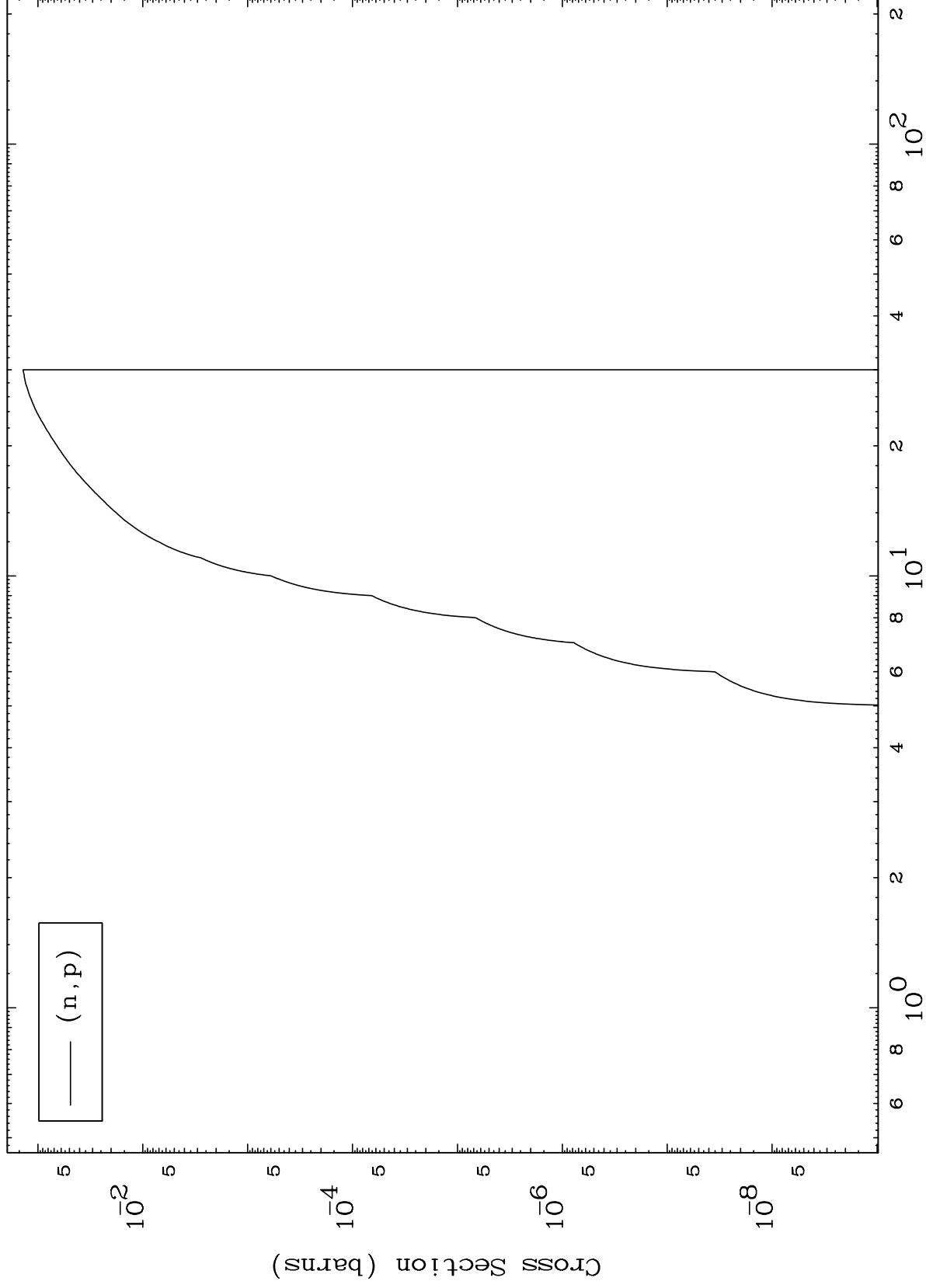




MAT 8289

83-Bi-197

(p,p) Levels
0 Kelvin Cross Sections

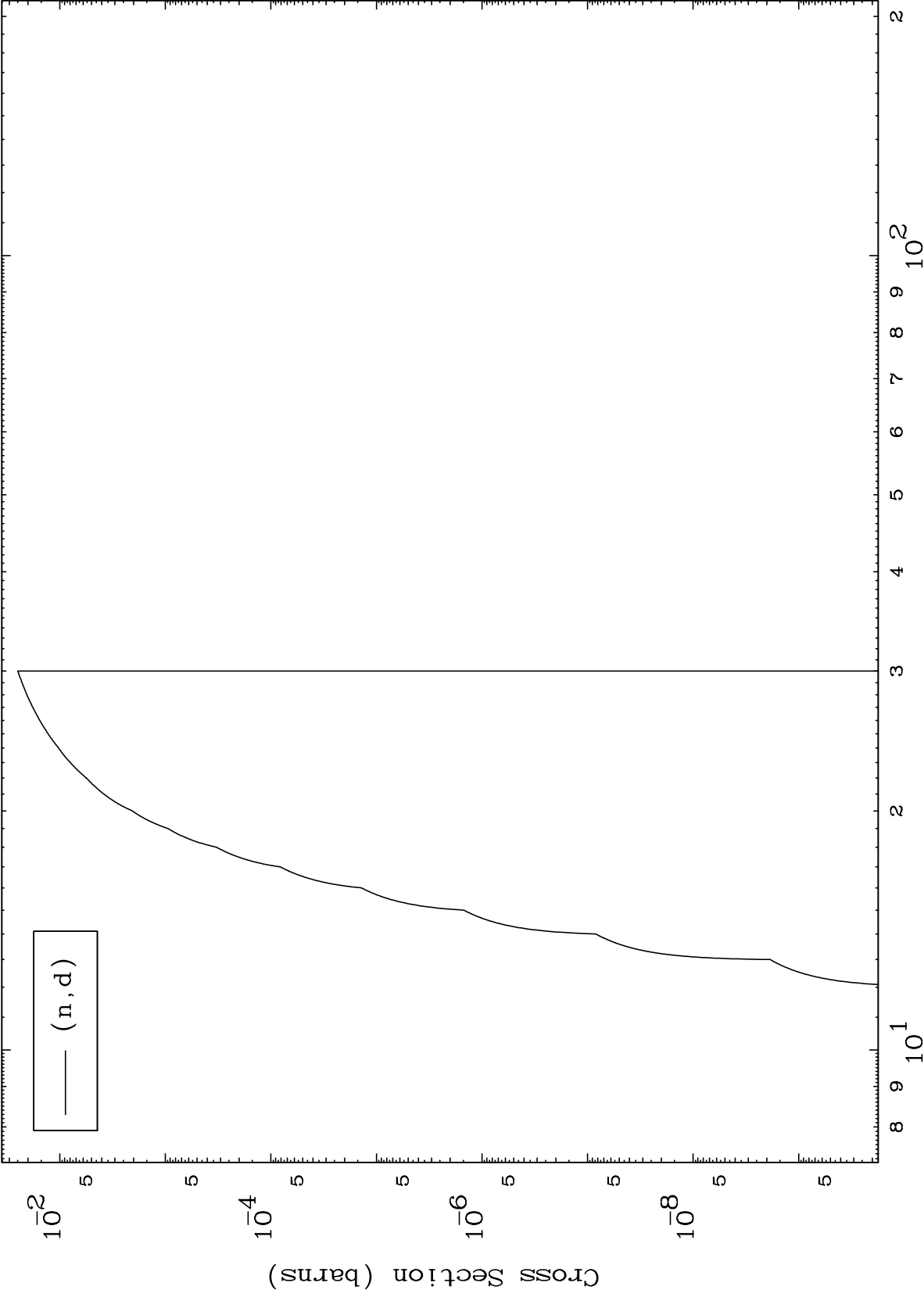


83-Bi-197

Incident Energy (MeV)

7

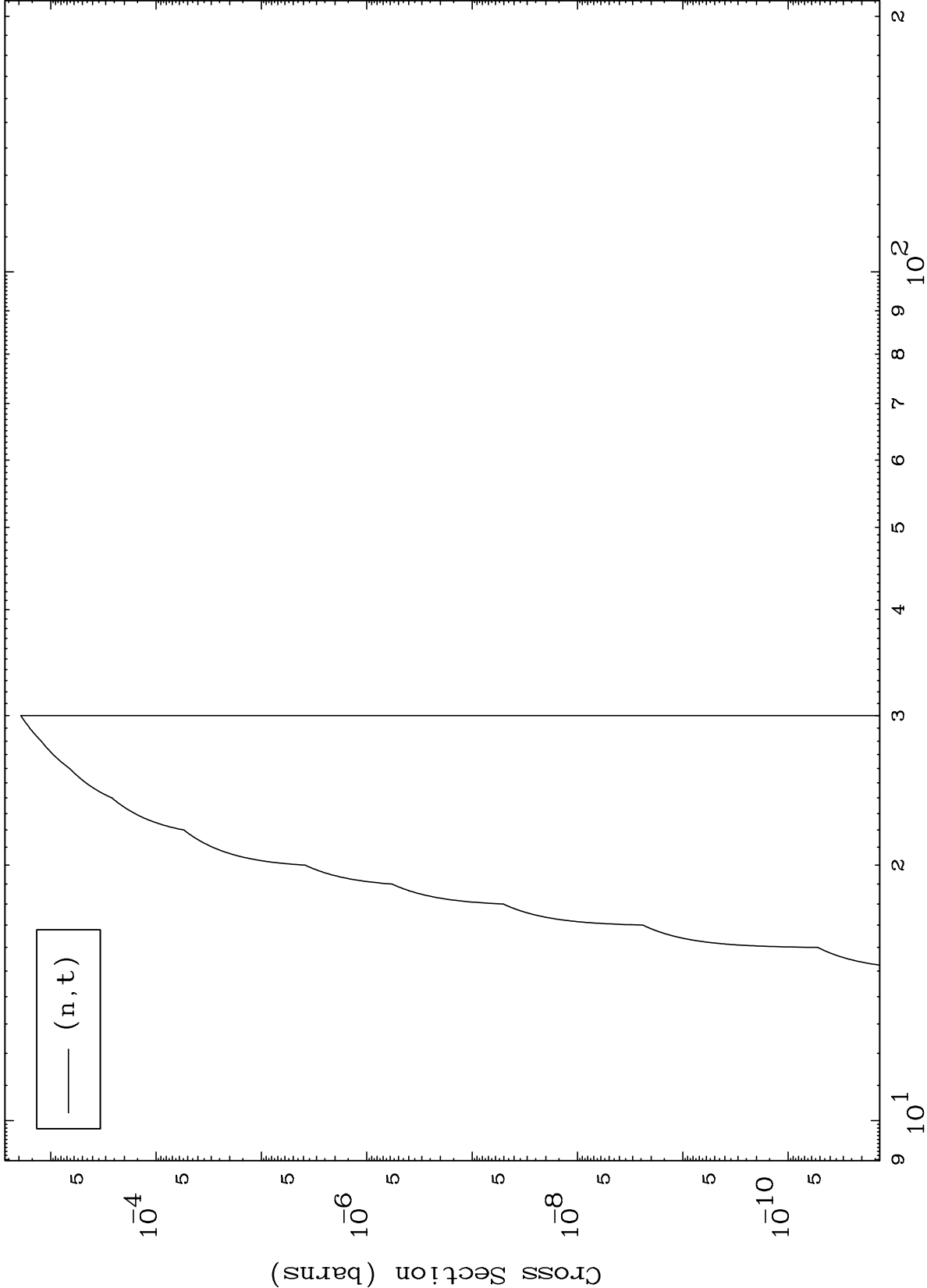
(p,d) Levels
0 Kelvin Cross Sections



MAT 8289

(p,t) Levels
0 Kelvin Cross Sections

83-Bi-197

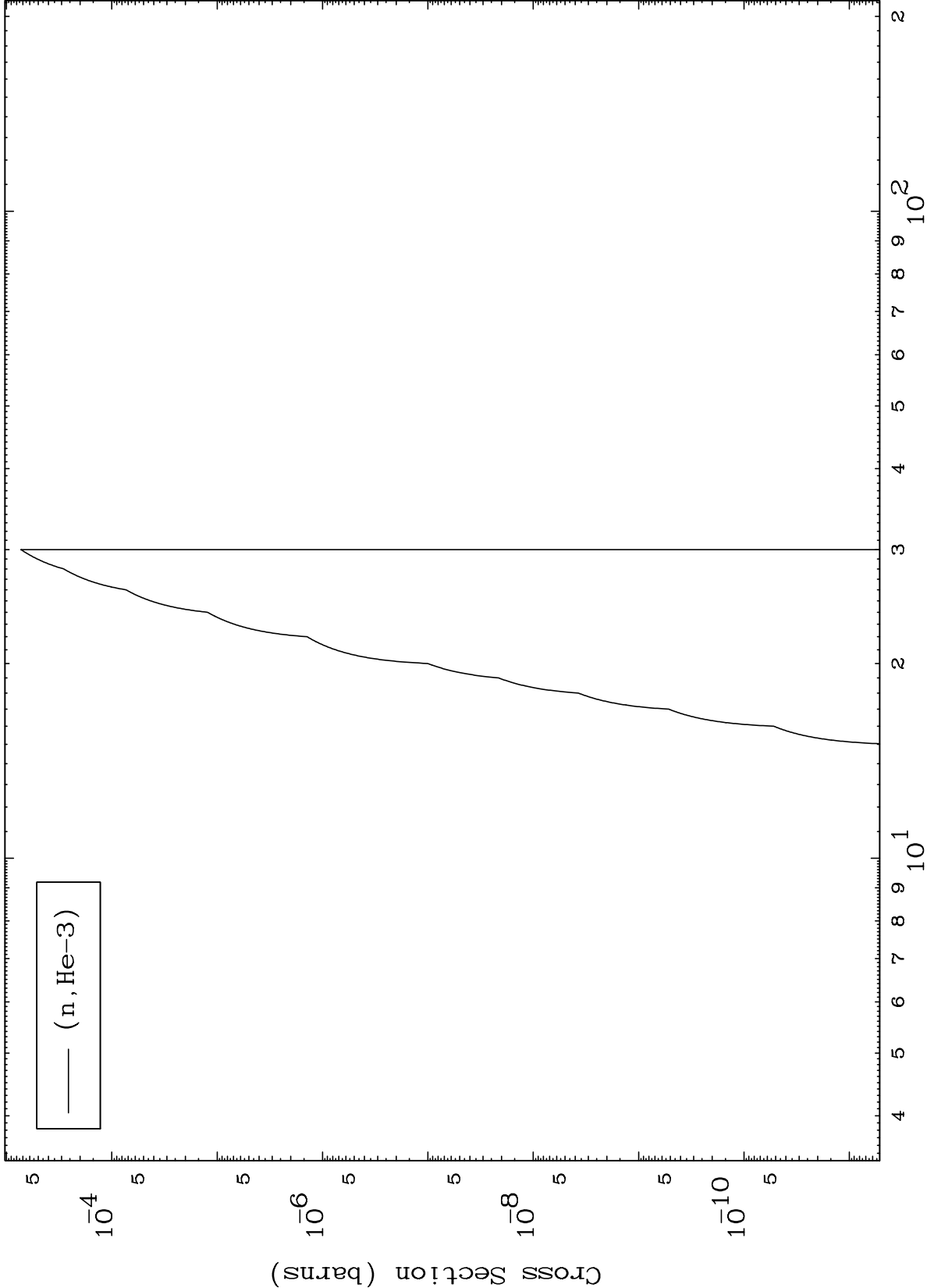


MAT 8289

(p,He3) Levels

83-Bi-197

0 Kelvin Cross Sections

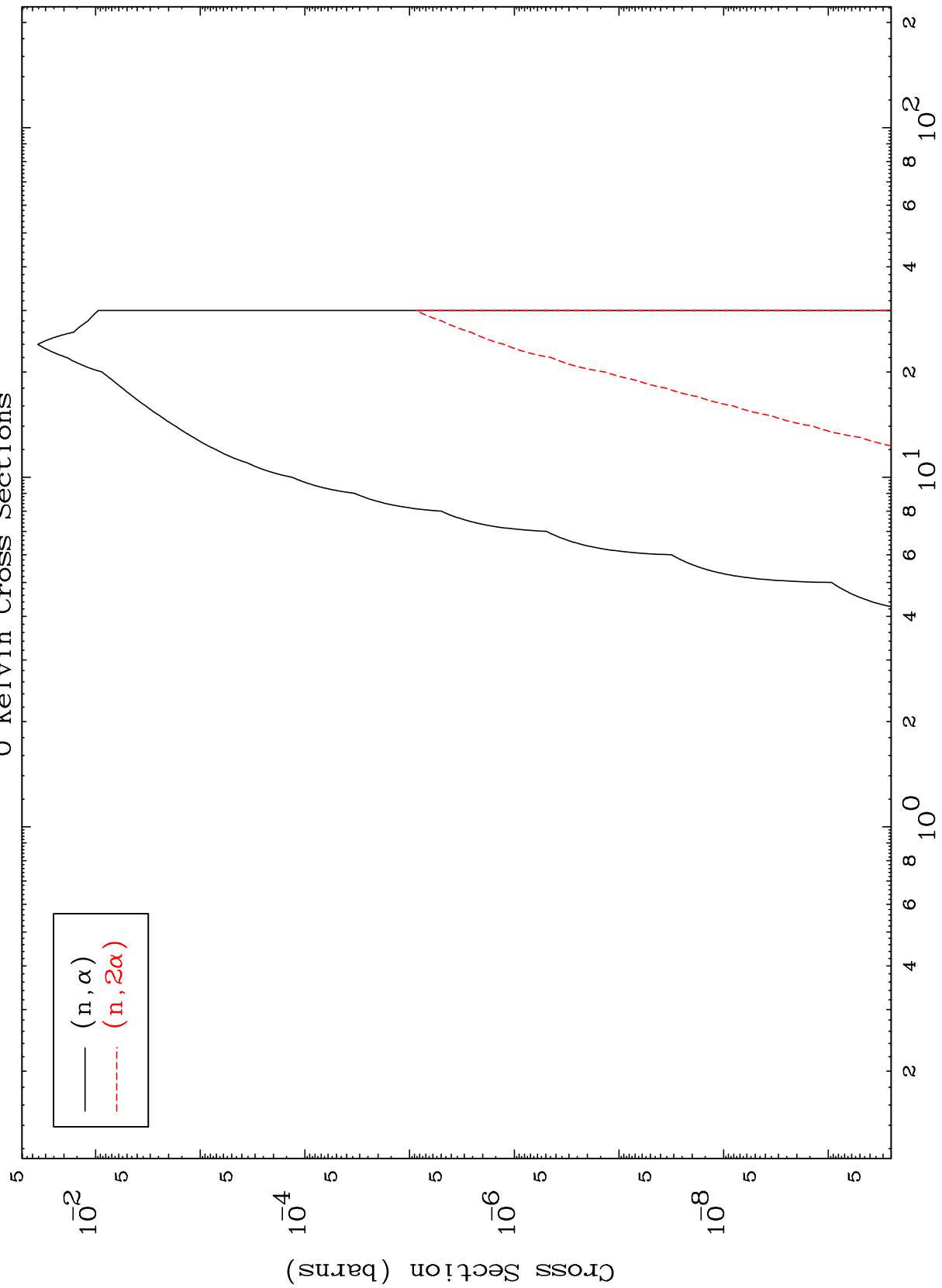


10

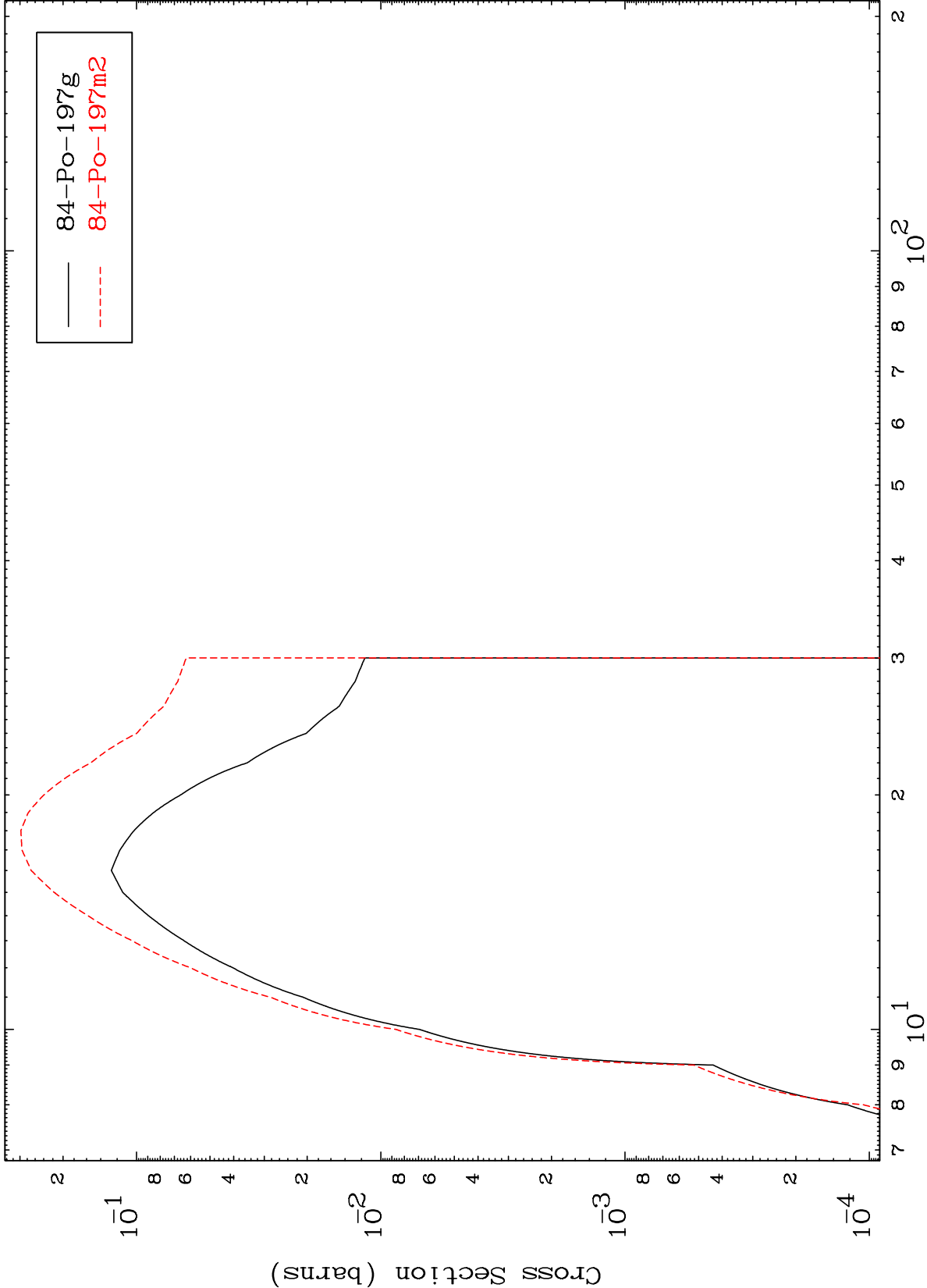
Incident Energy (MeV)

83-Bi-197

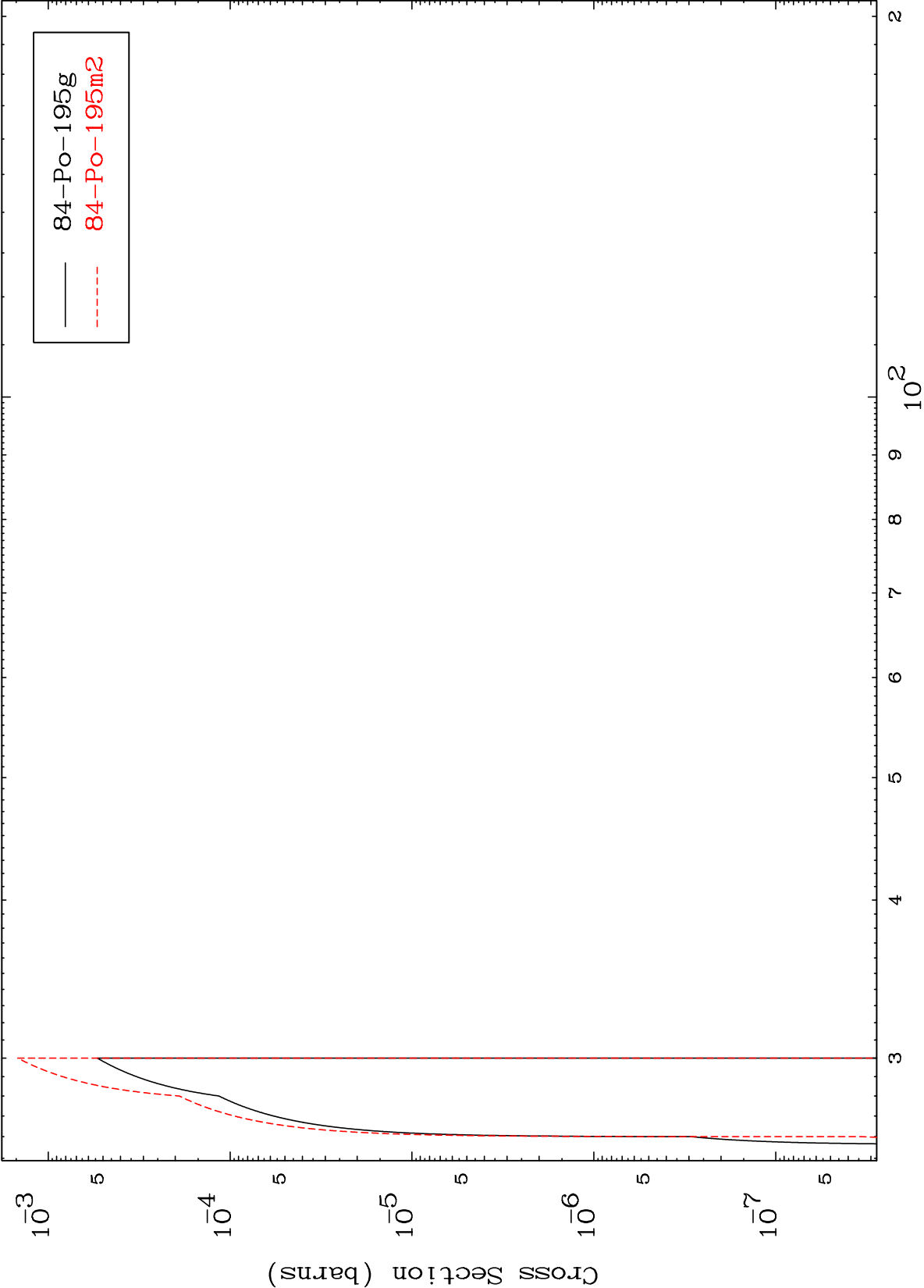
(p, α) Levels
0 Kelvin Cross Sections

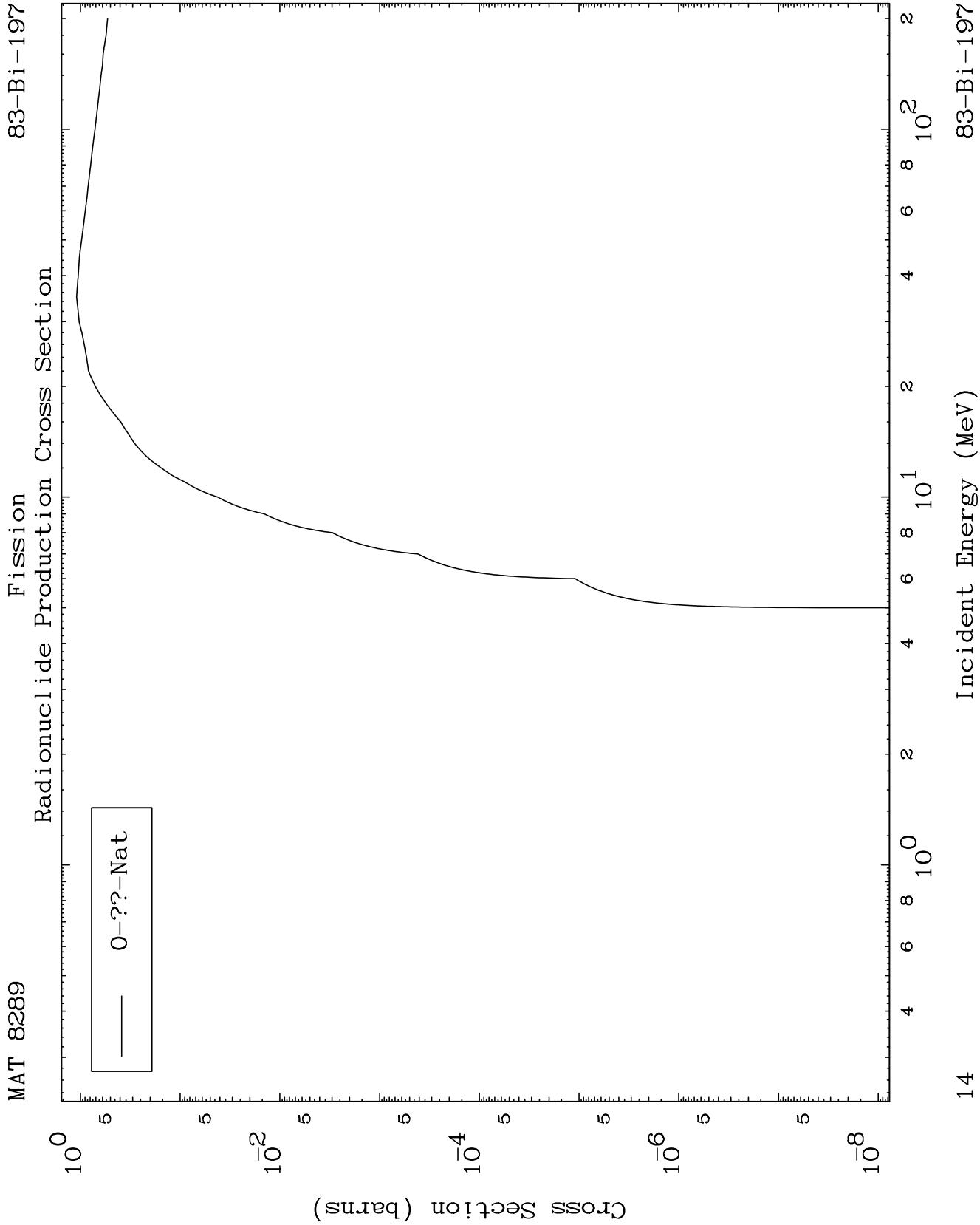


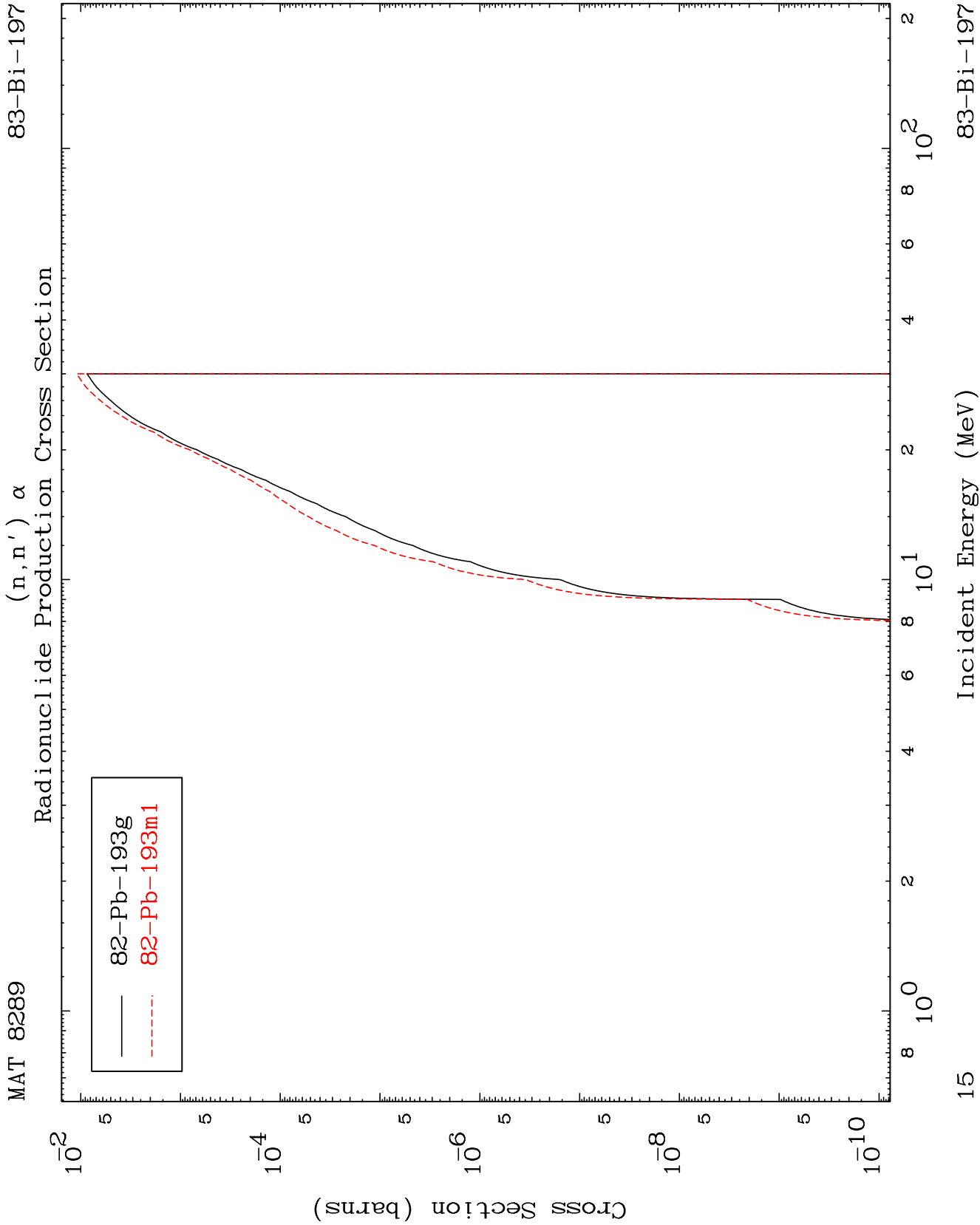
Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n,3n)



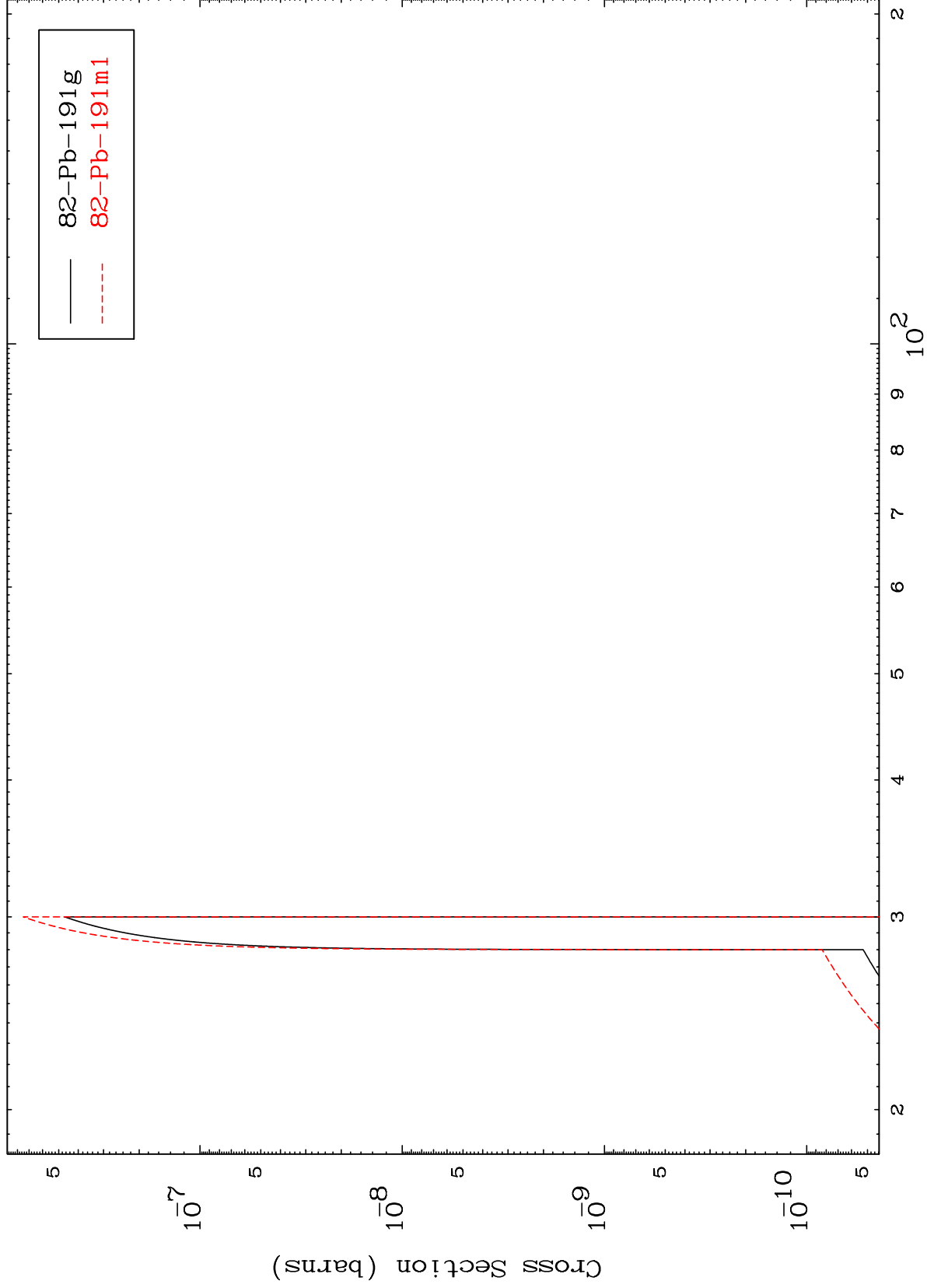




MAT 8289

83-Bi-197

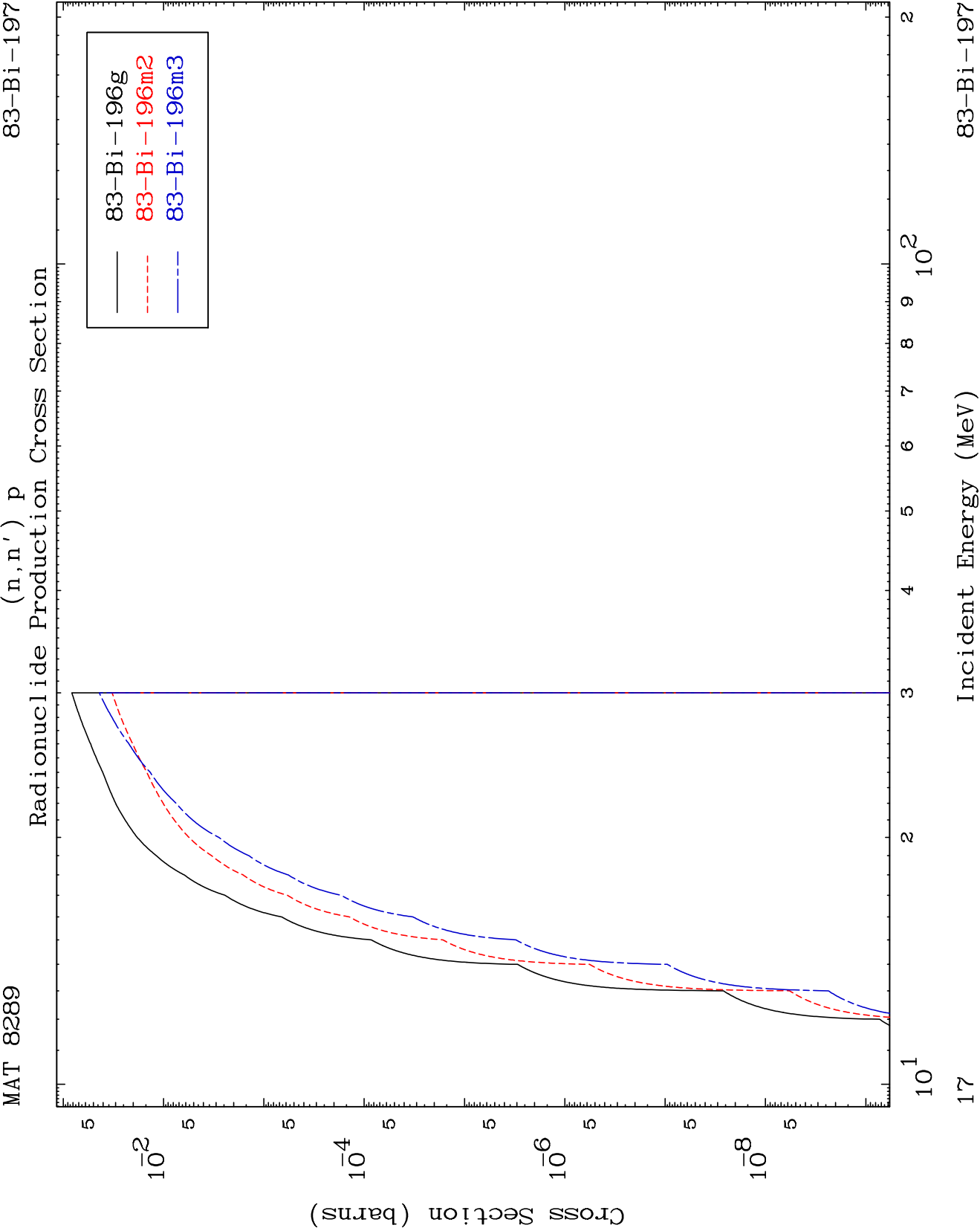
$(n,3n) \alpha$
Radionuclide Production Cross Section



16

Incident Energy (MeV)

83-Bi-197

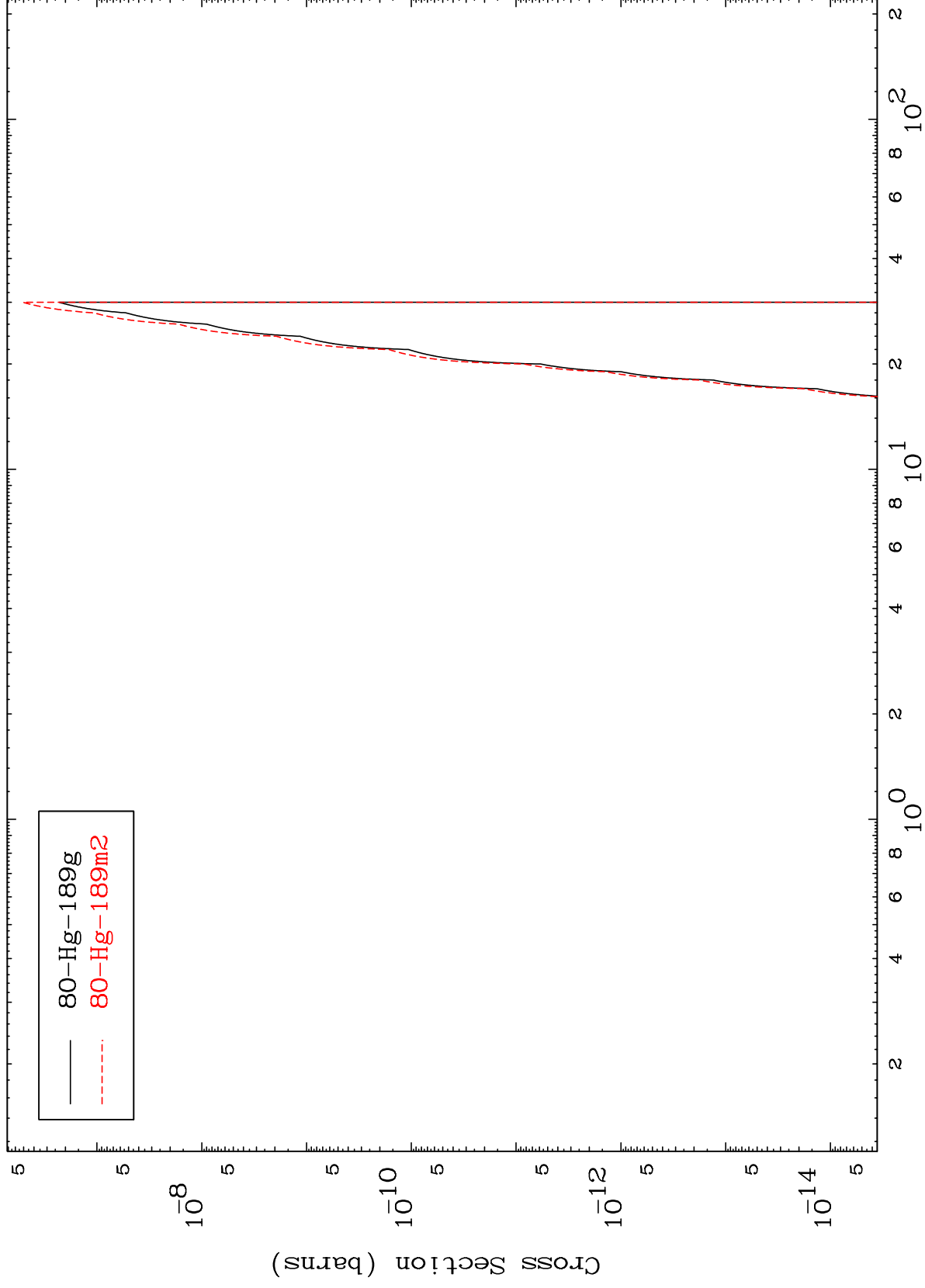


MAT 8289

(n,n') 2 α

83-Bi-197

Radionuclide Production Cross Section



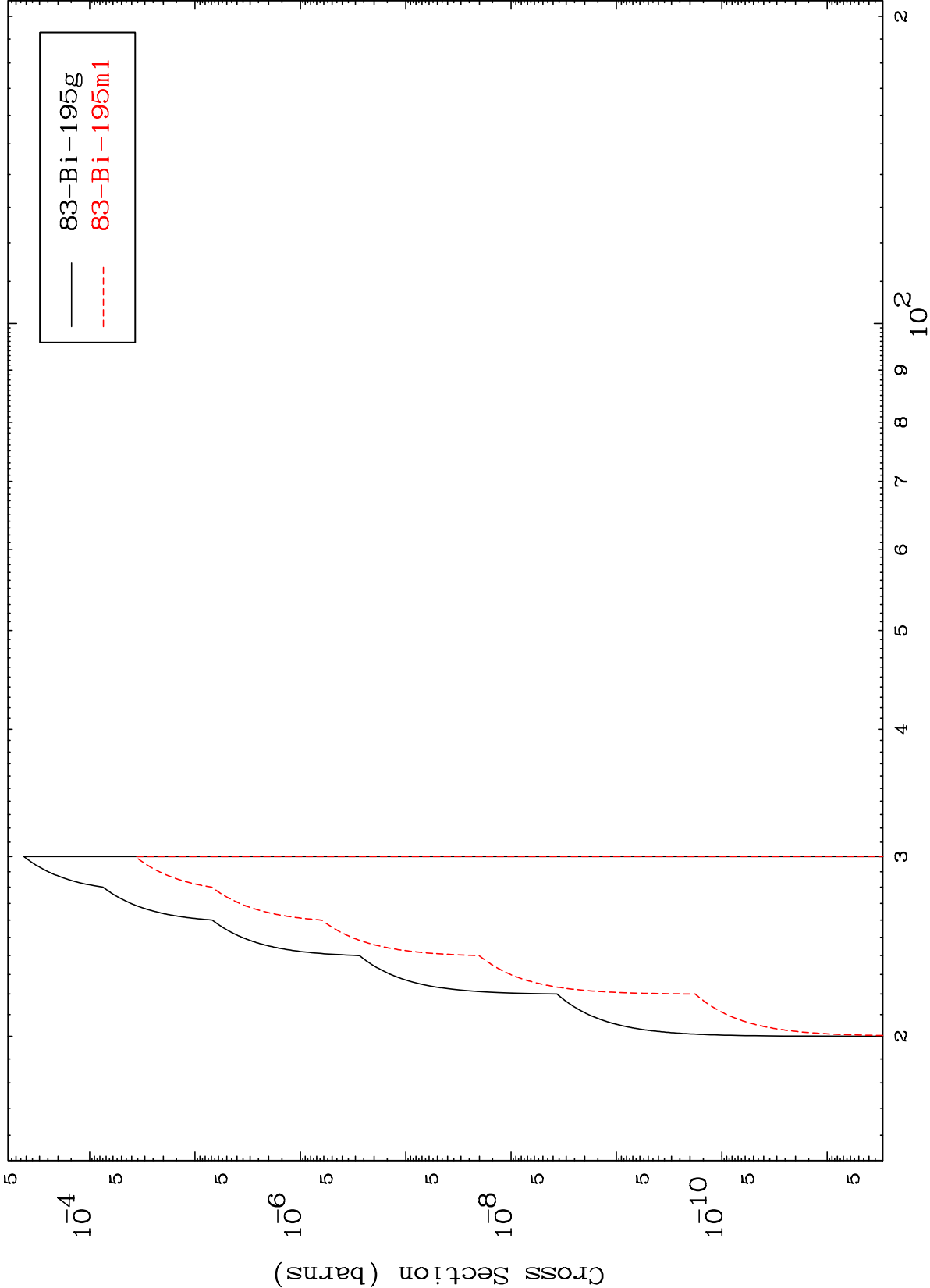
80-Hg-189g
80-Hg-189m2

18

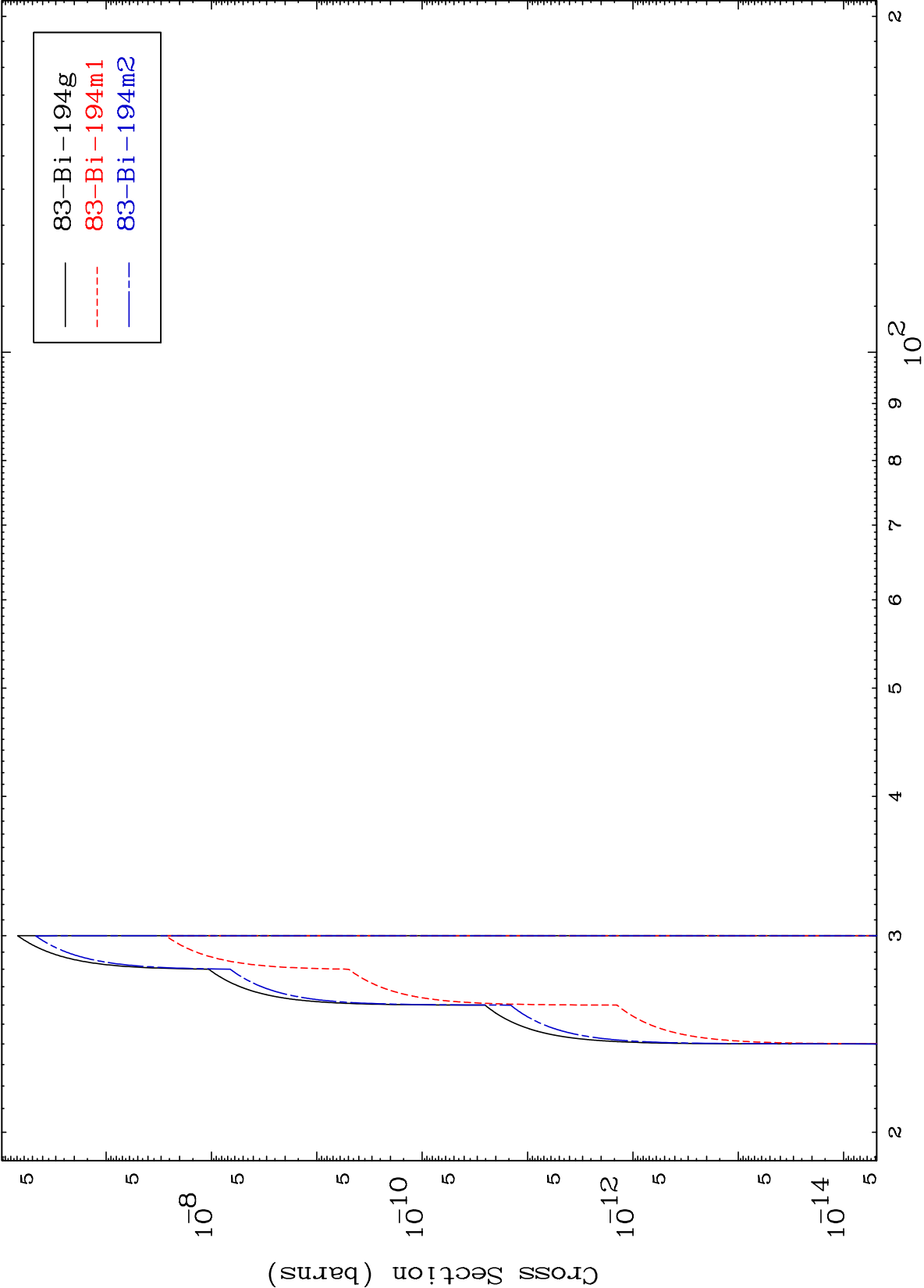
Incident Energy (MeV)

83-Bi-197

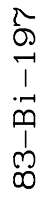
(n,n') d
Radionuclide Production Cross Section



(n,n') t
Radionuclide Production Cross Section



Radionuclide Production Cross Section

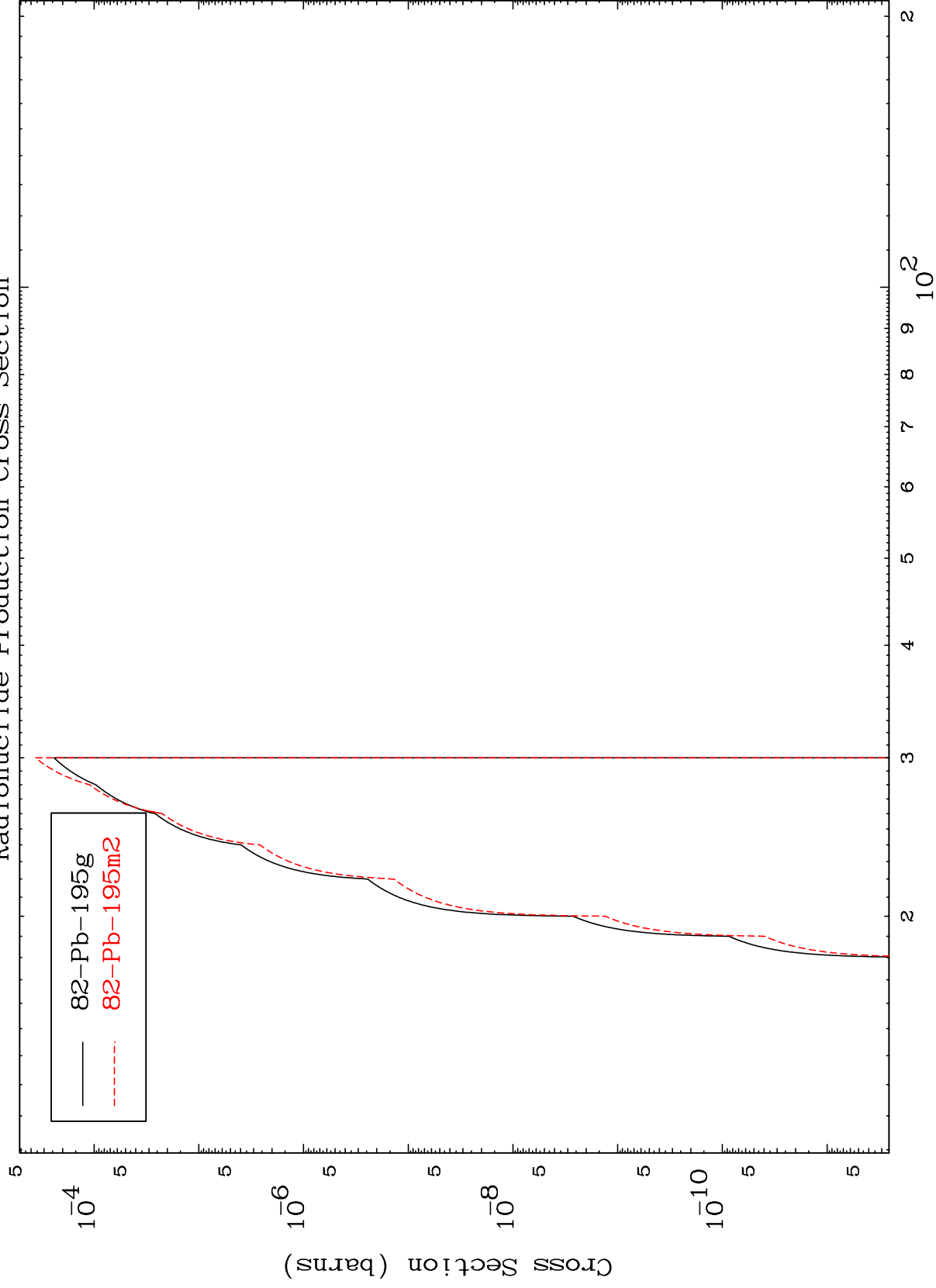


Incident Energy (MeV)

MAT 8289

83-Bi-197

(n,2n) p
Radionuclide Production Cross Section



83-Bi-197

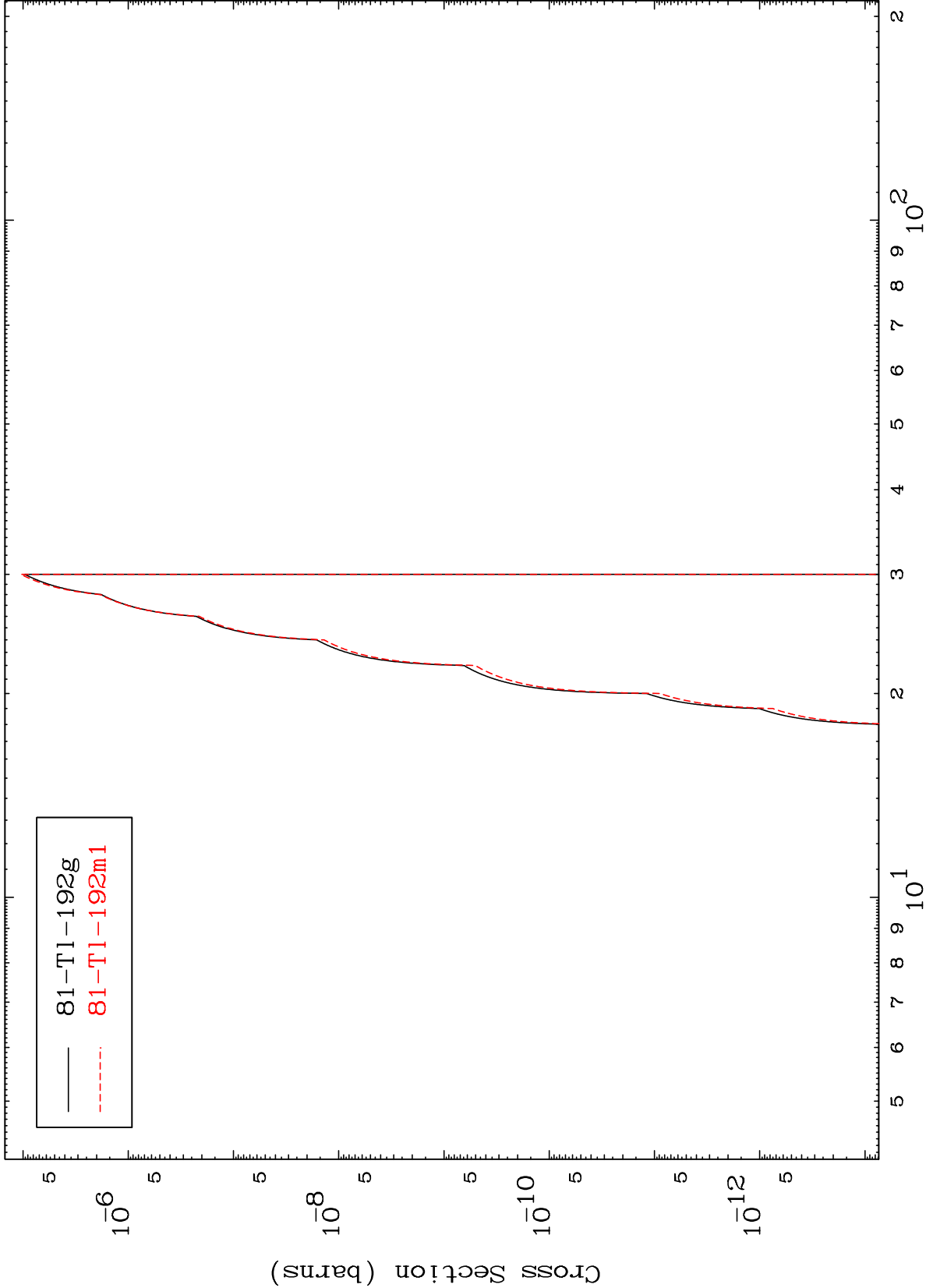
Incident Energy (MeV)

22

MAT 8289

83-Bi-197

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



23

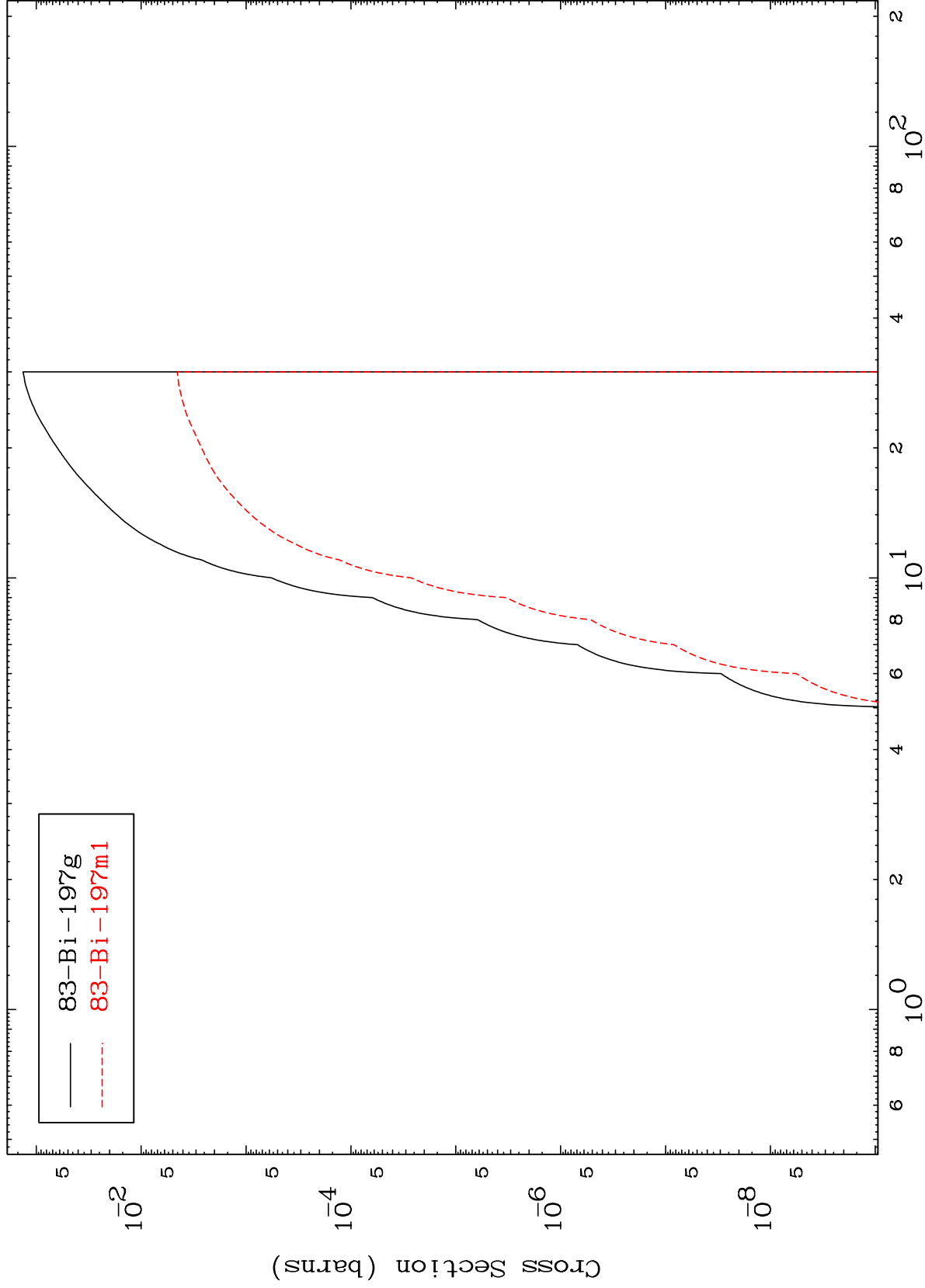
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

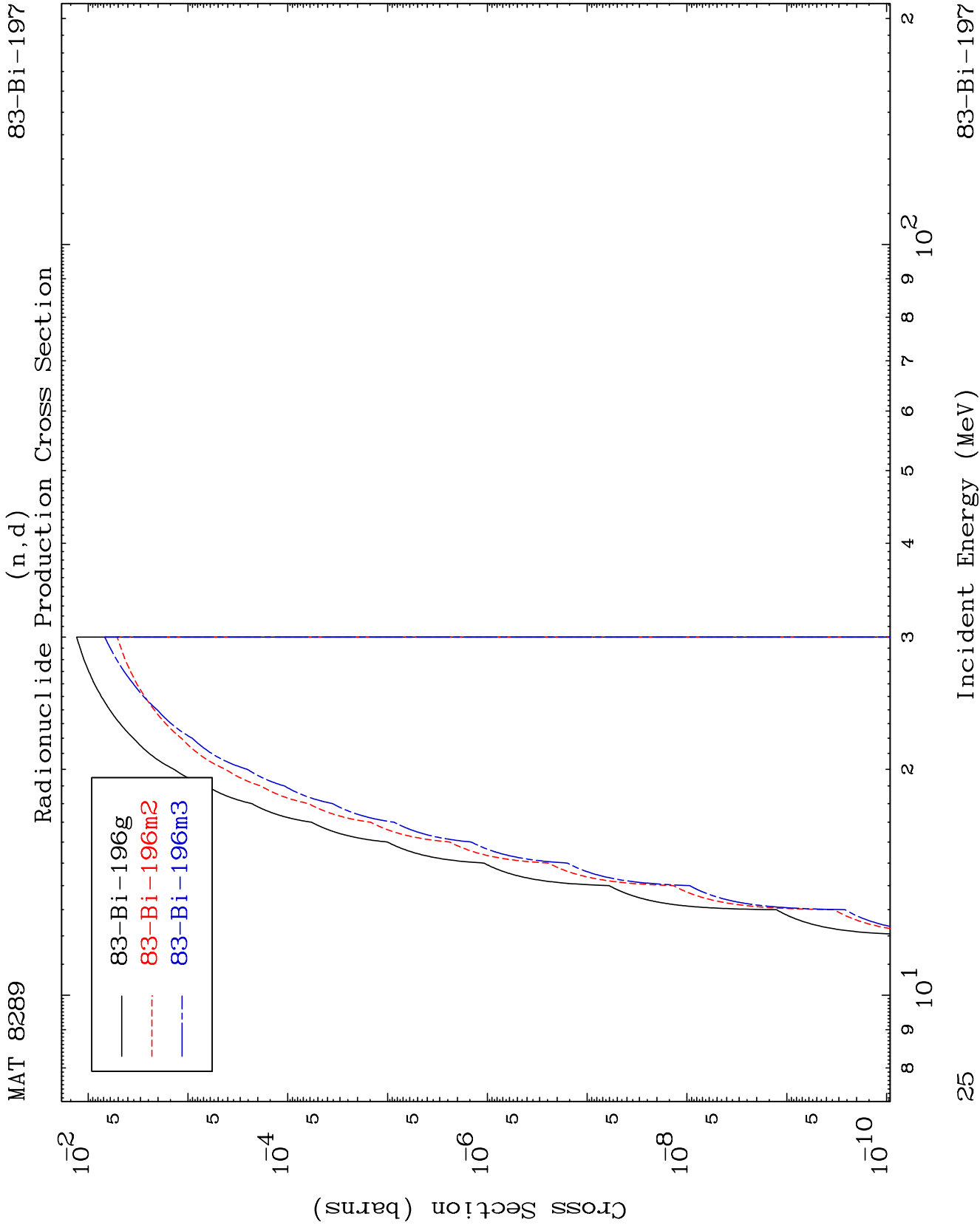
(n,p)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

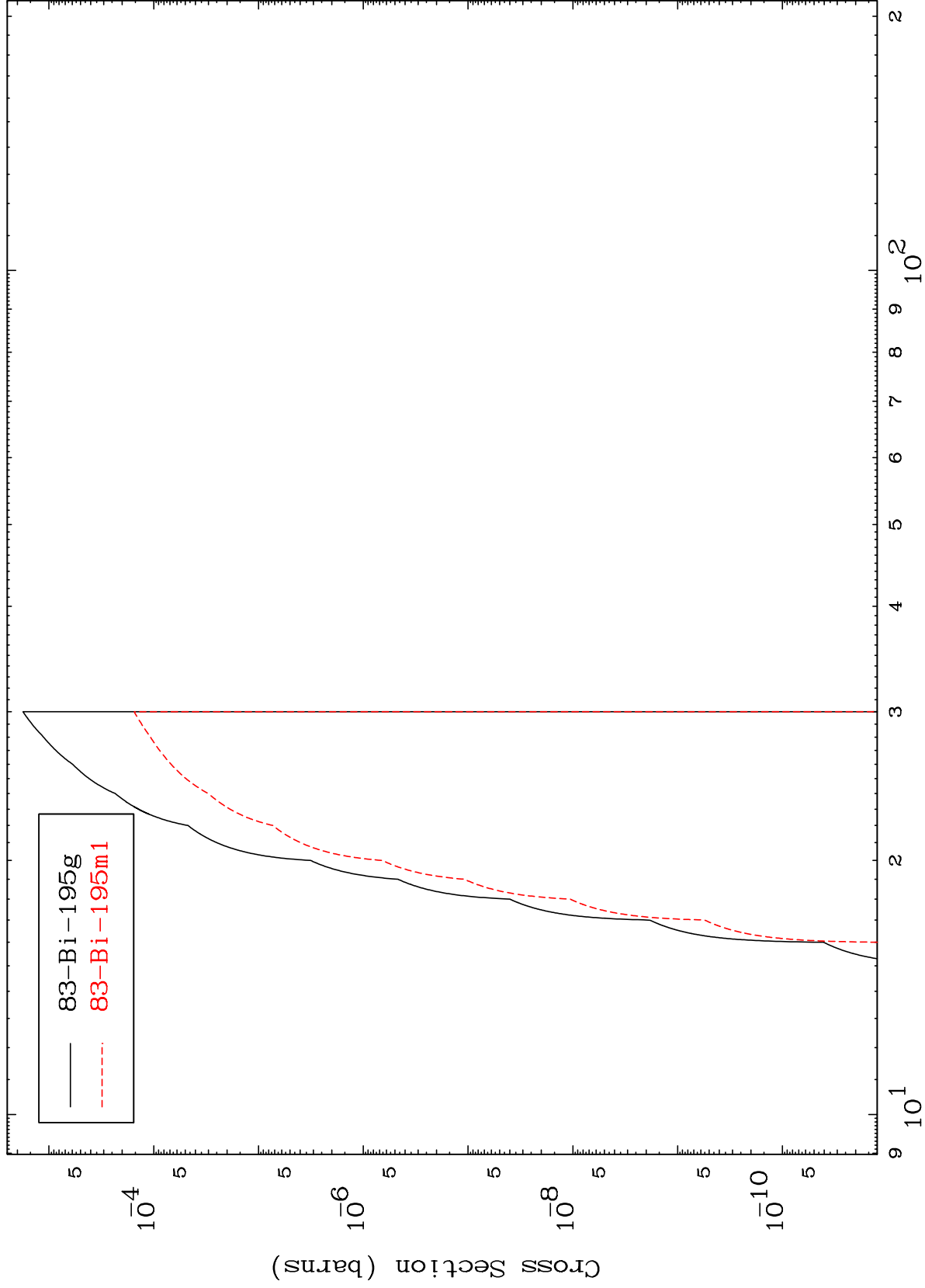
83-Bi-197



MAT 8289

83-Bi-197

(n,t)
Radionuclide Production Cross Section



83-Bi-197

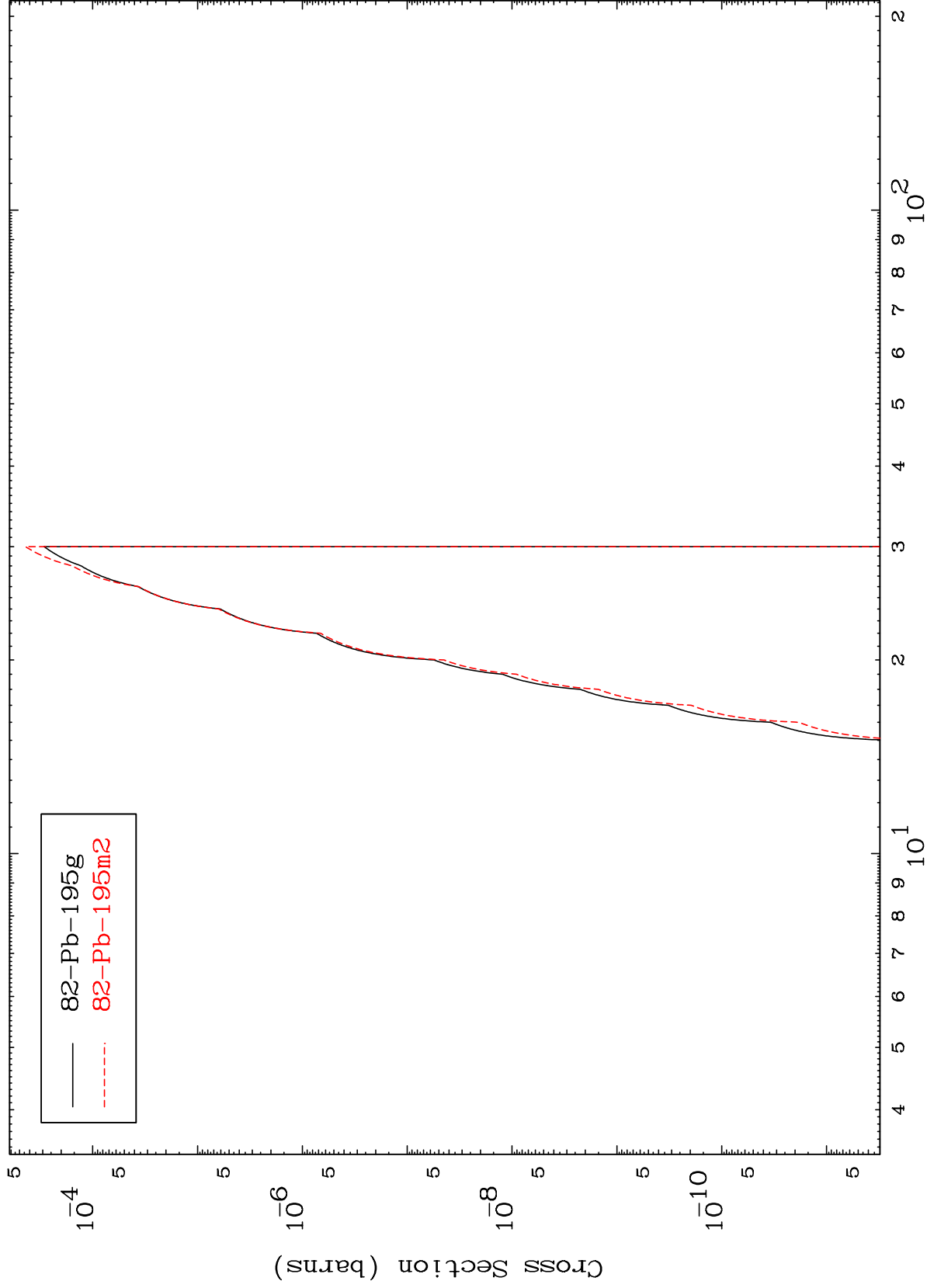
Incident Energy (MeV)

26

MAT 8289

83-Bi-197

Radionuclide Production Cross Section

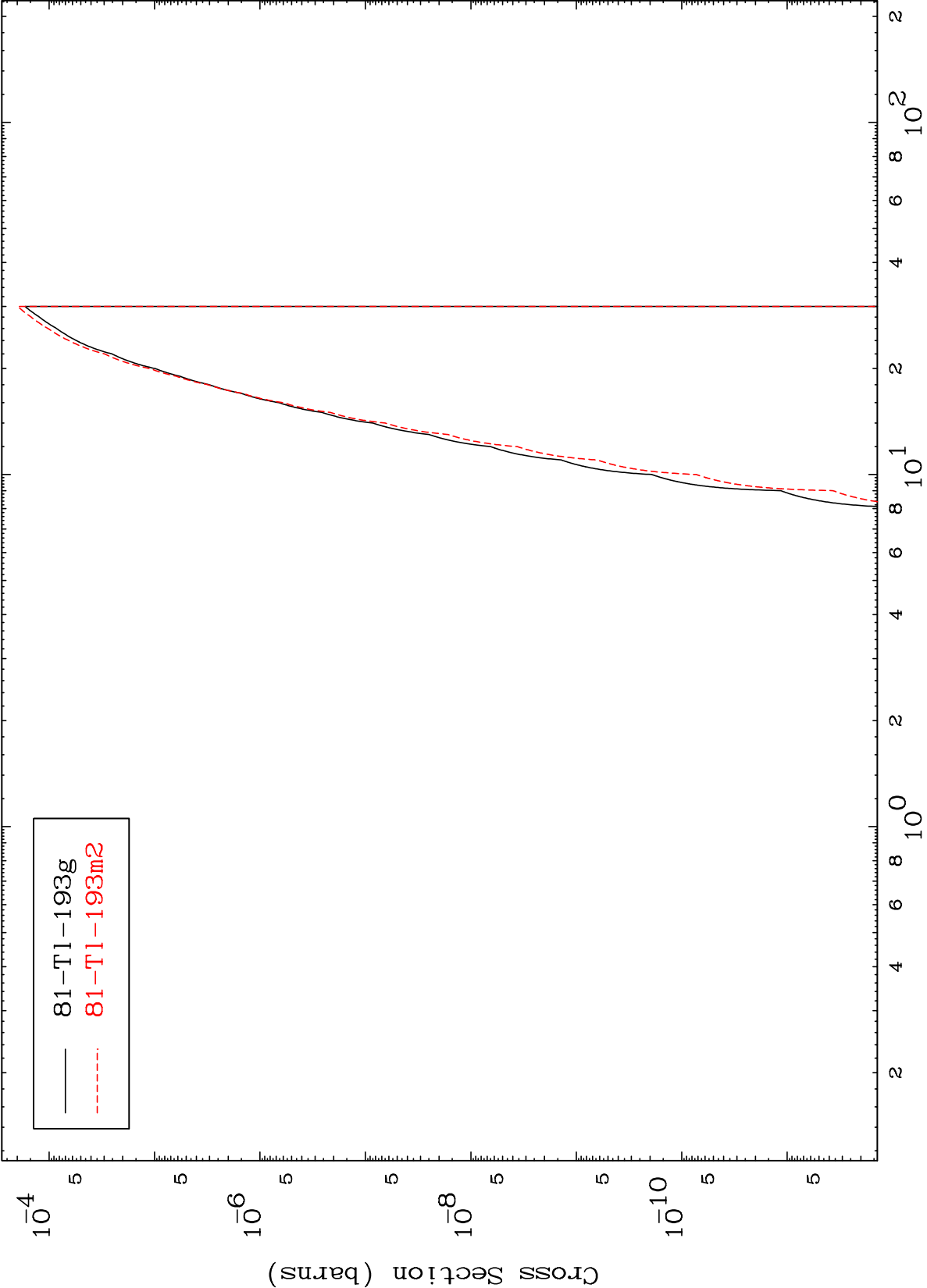


27

Incident Energy (MeV)

83-Bi-197

Radionuclide Production Cross Section

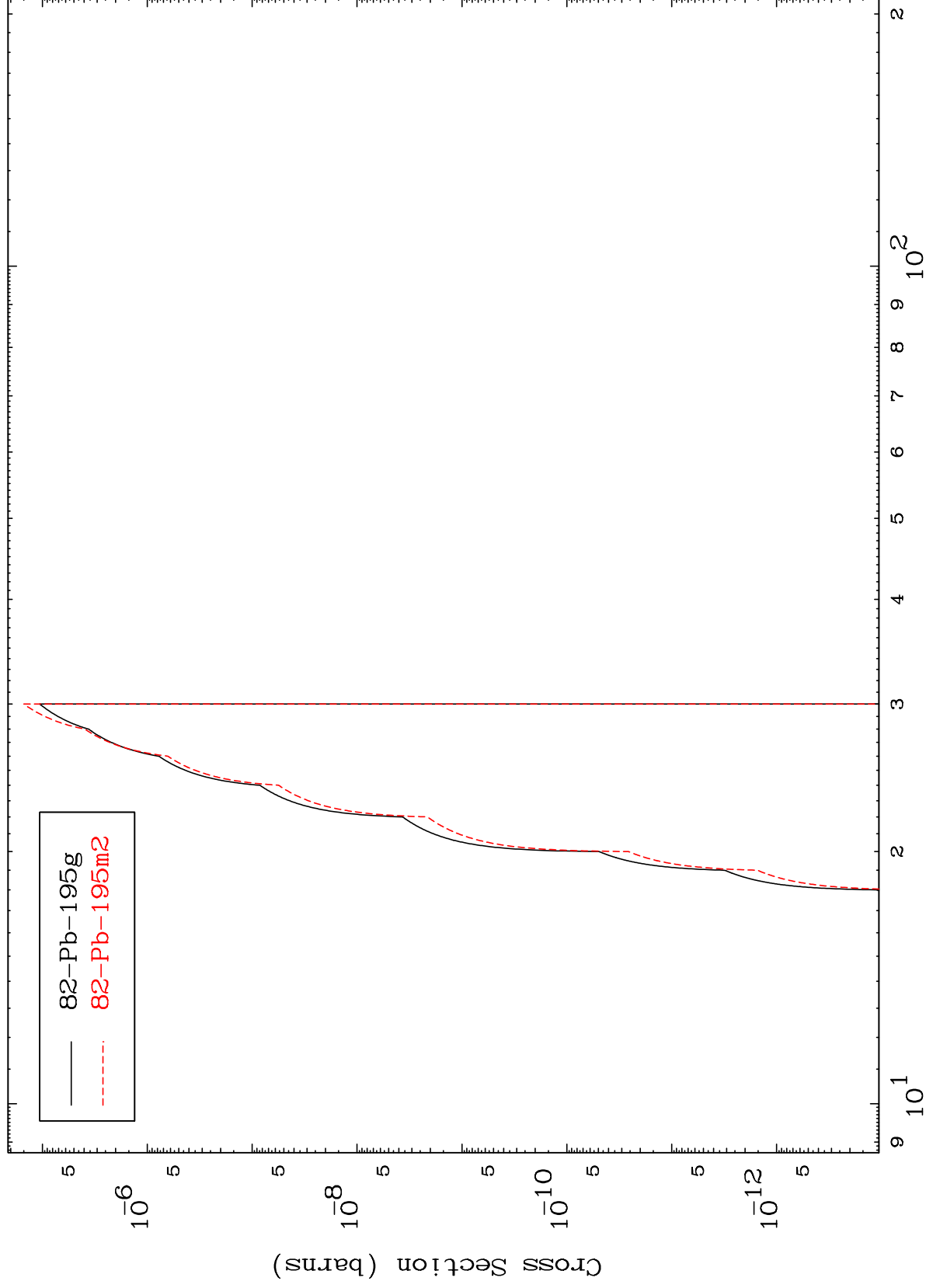


MAT 8289

(n,p) d

83-Bi-197

Radionuclide Production Cross Section



29

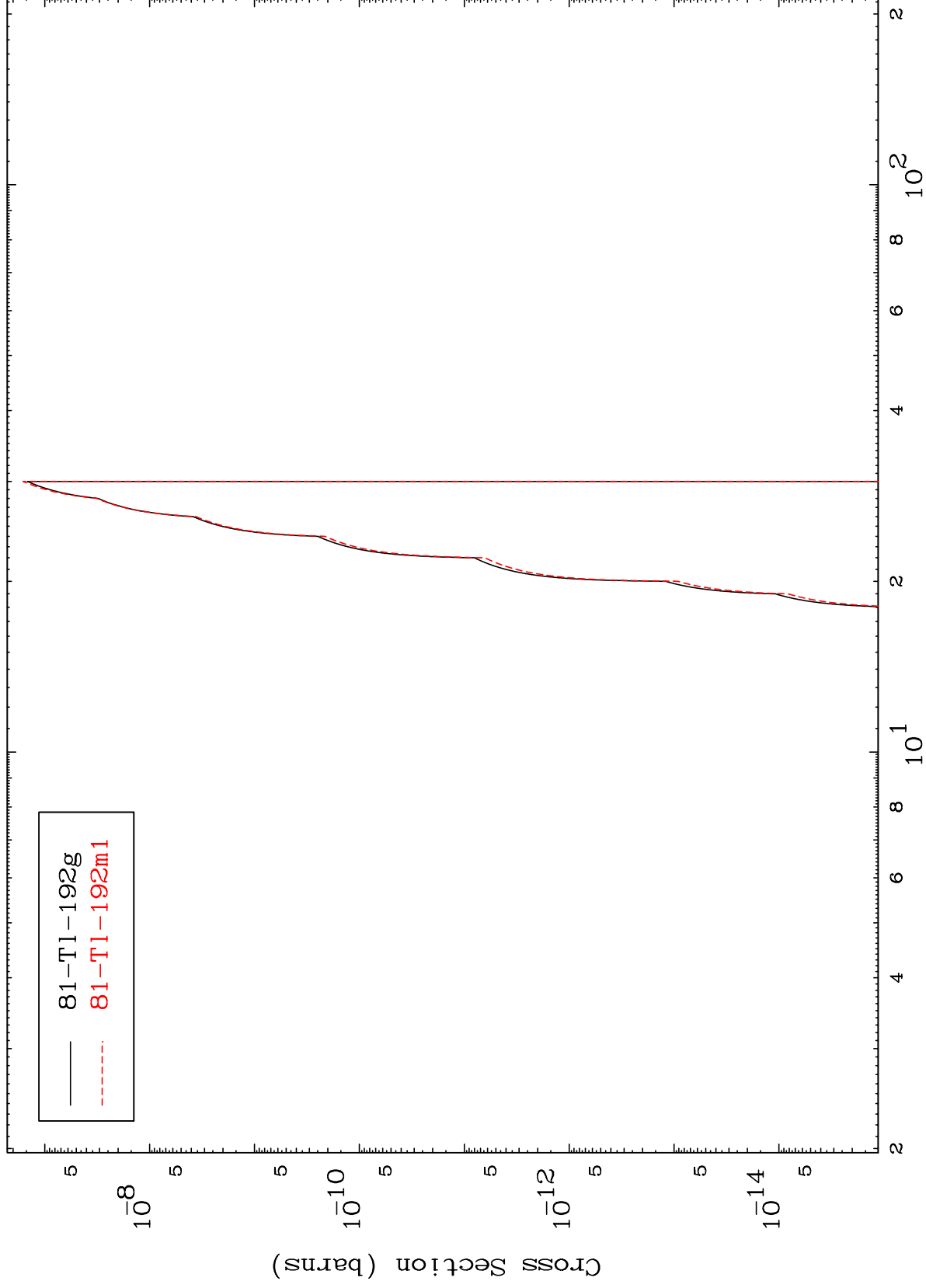
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

(n,d) α
Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

30