

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

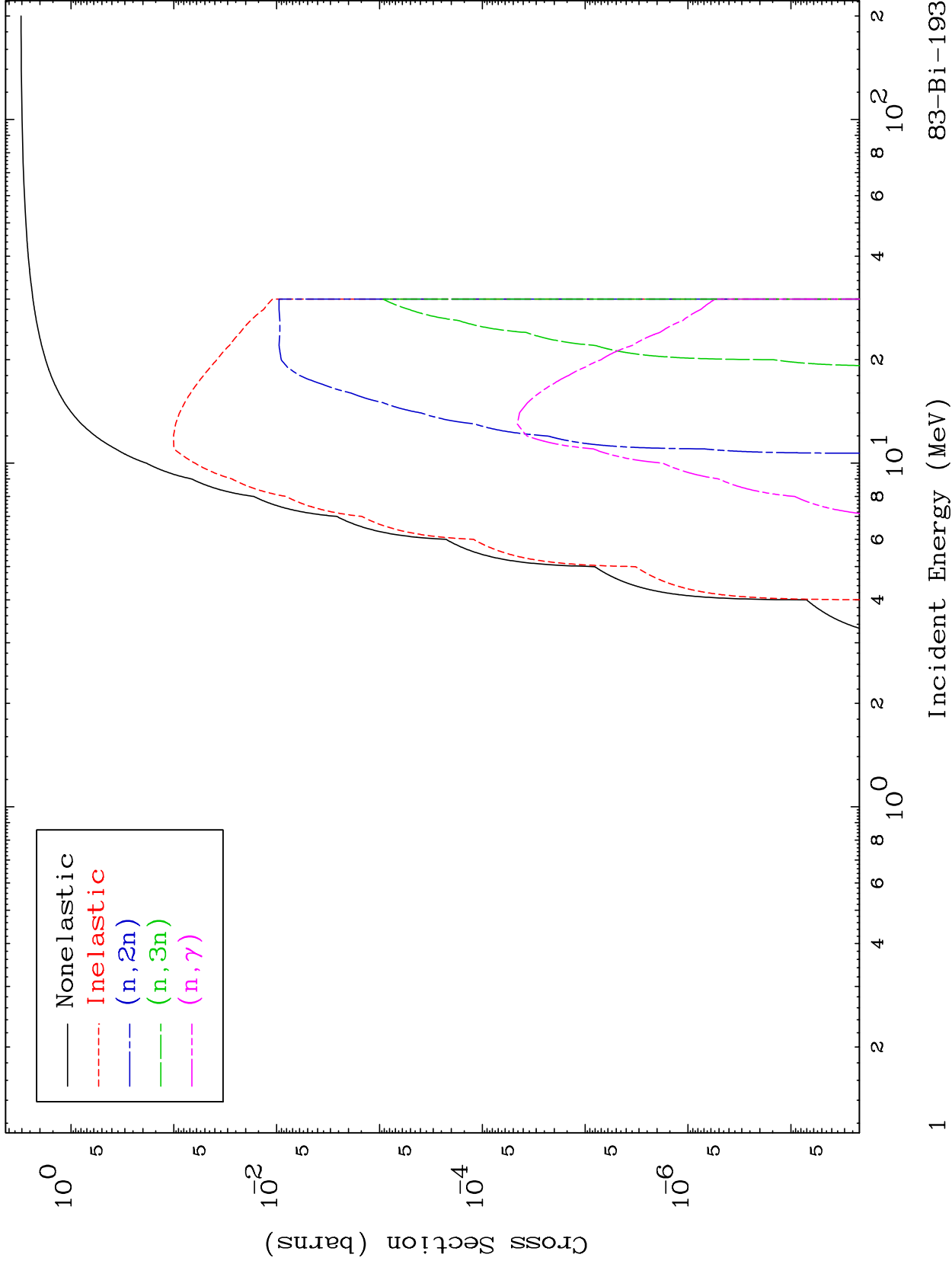
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

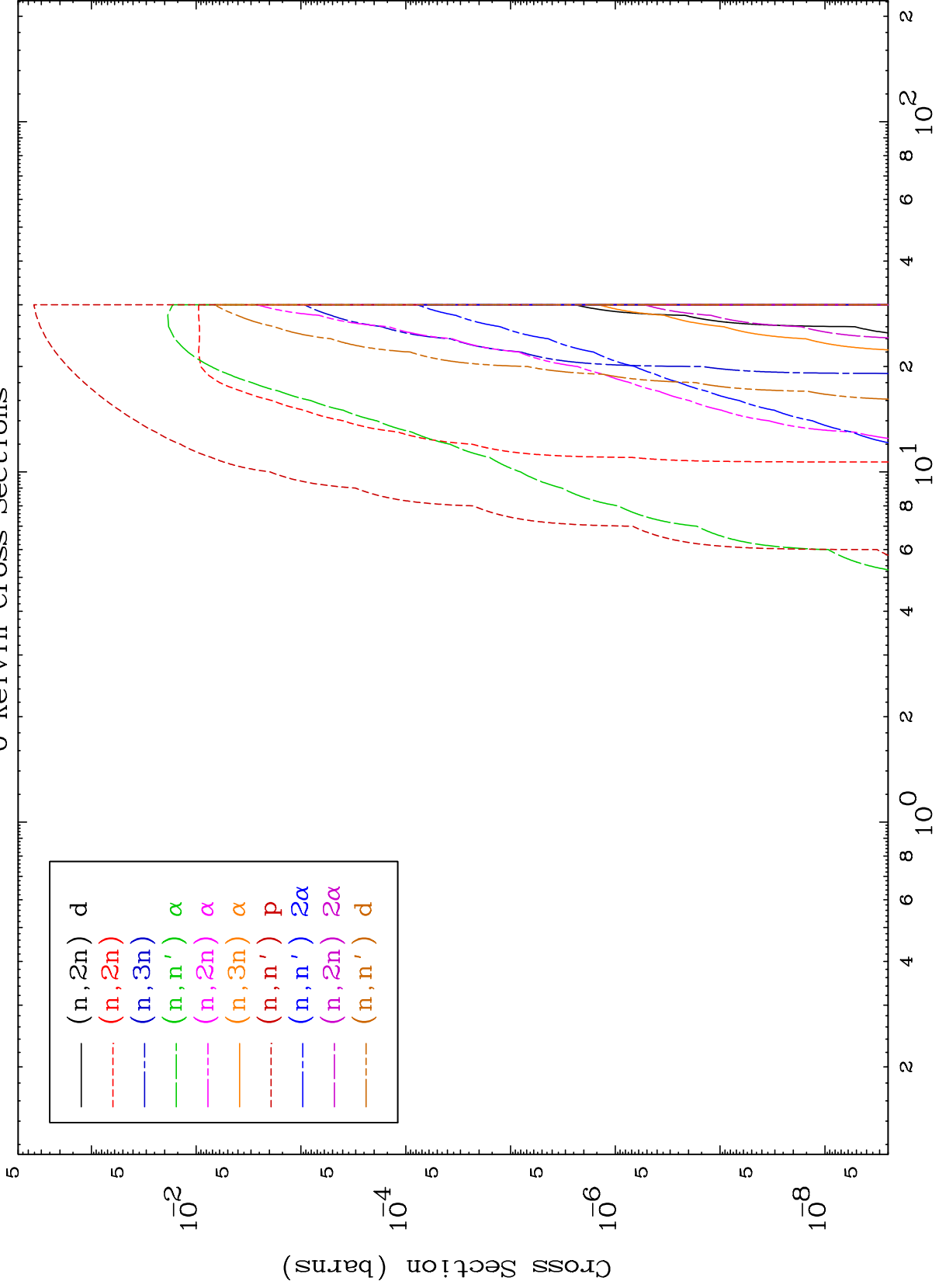
Tele: 925-443-1911

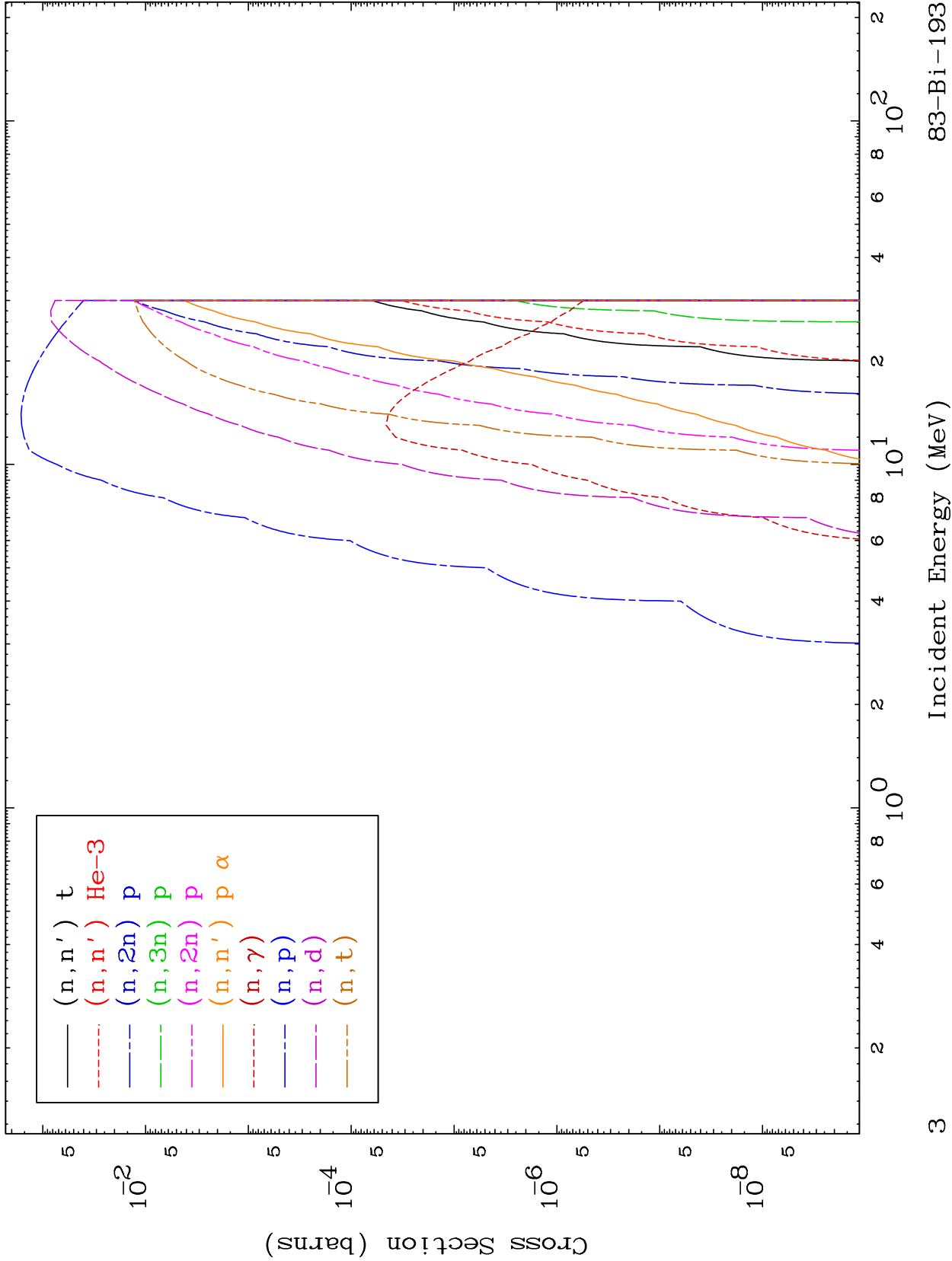
E.Mail:redcullen1@comcast.net

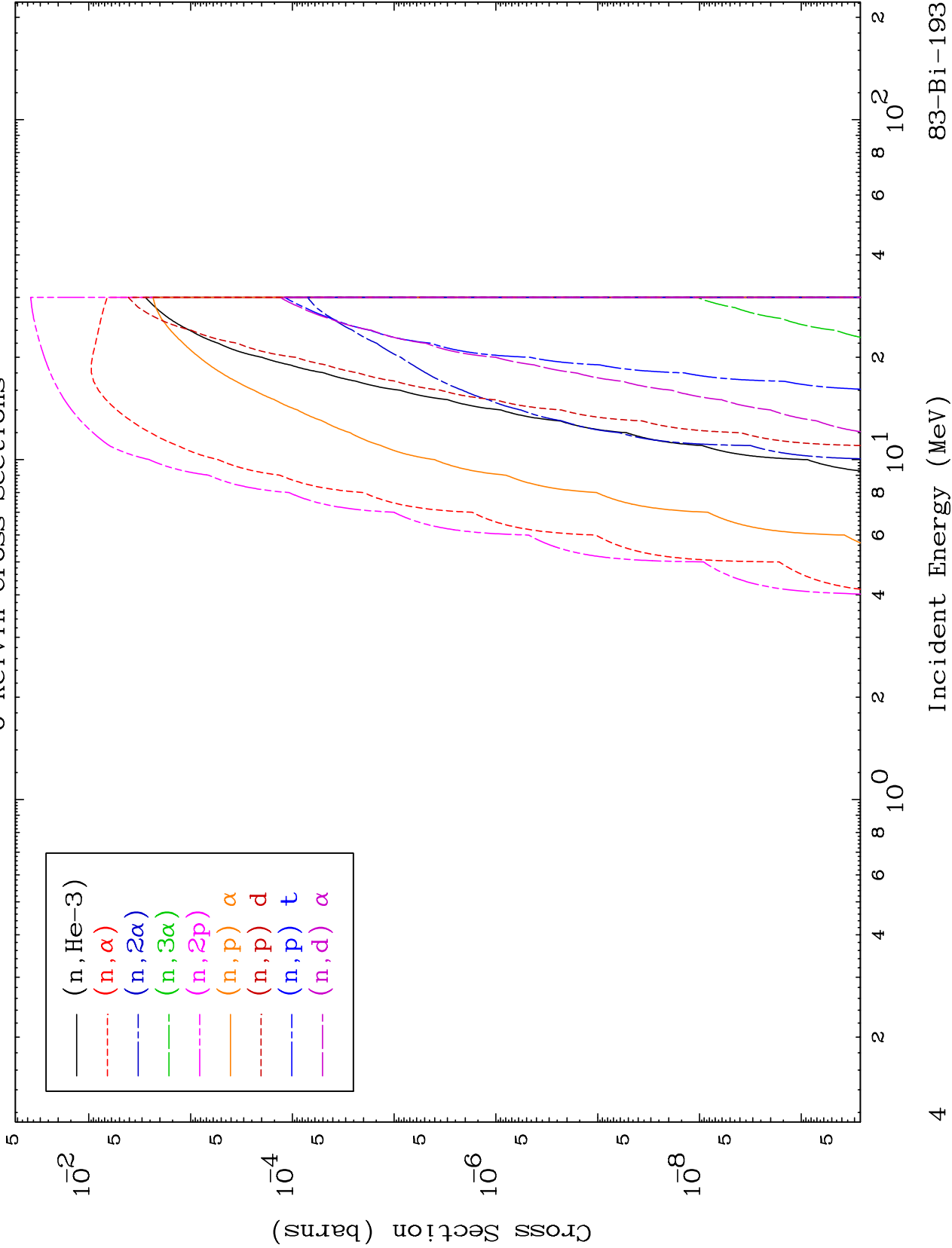
Web:redcullen1.net/HOMEPAGE.NEW

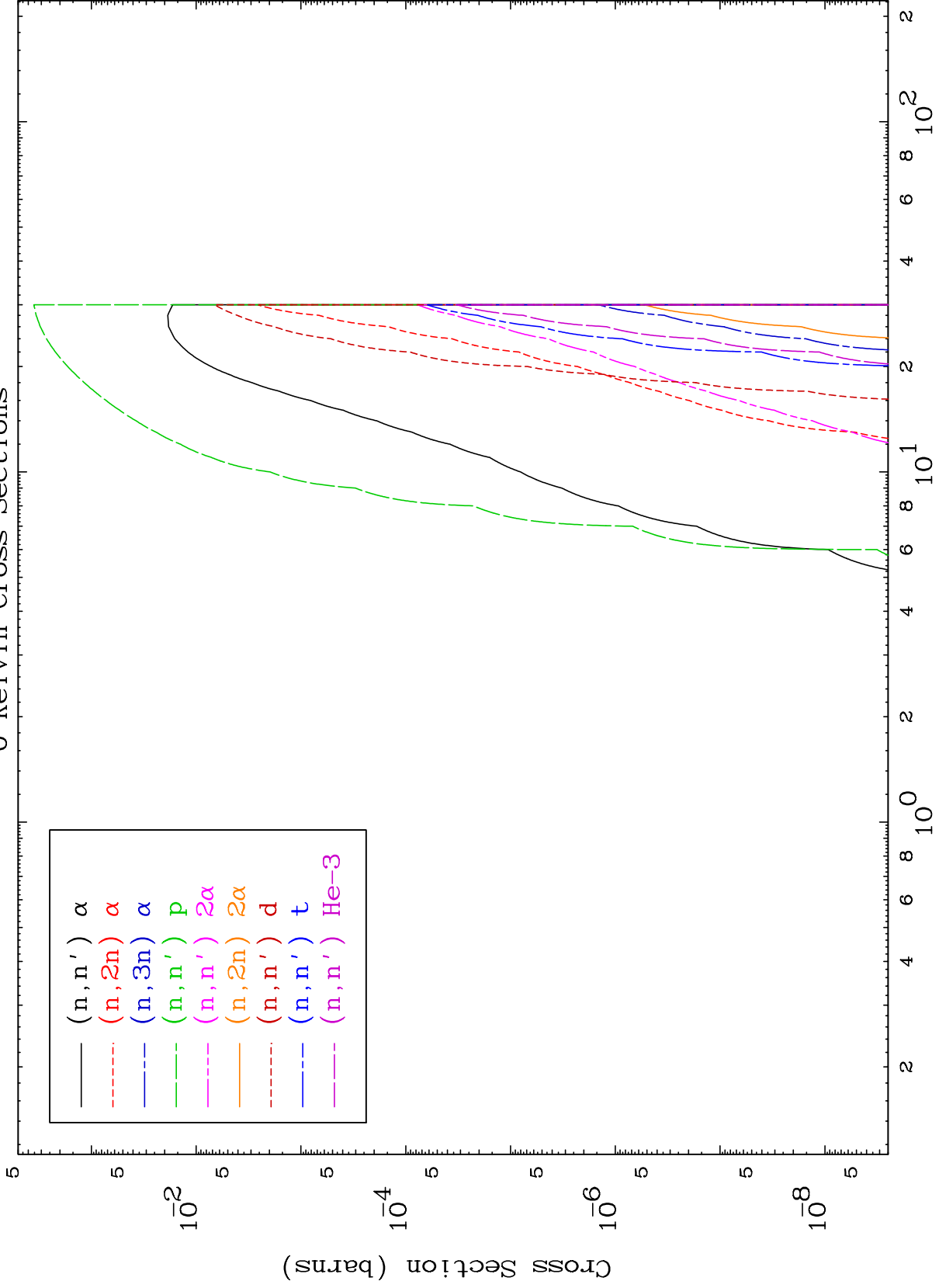
Press Mouse Button to Start

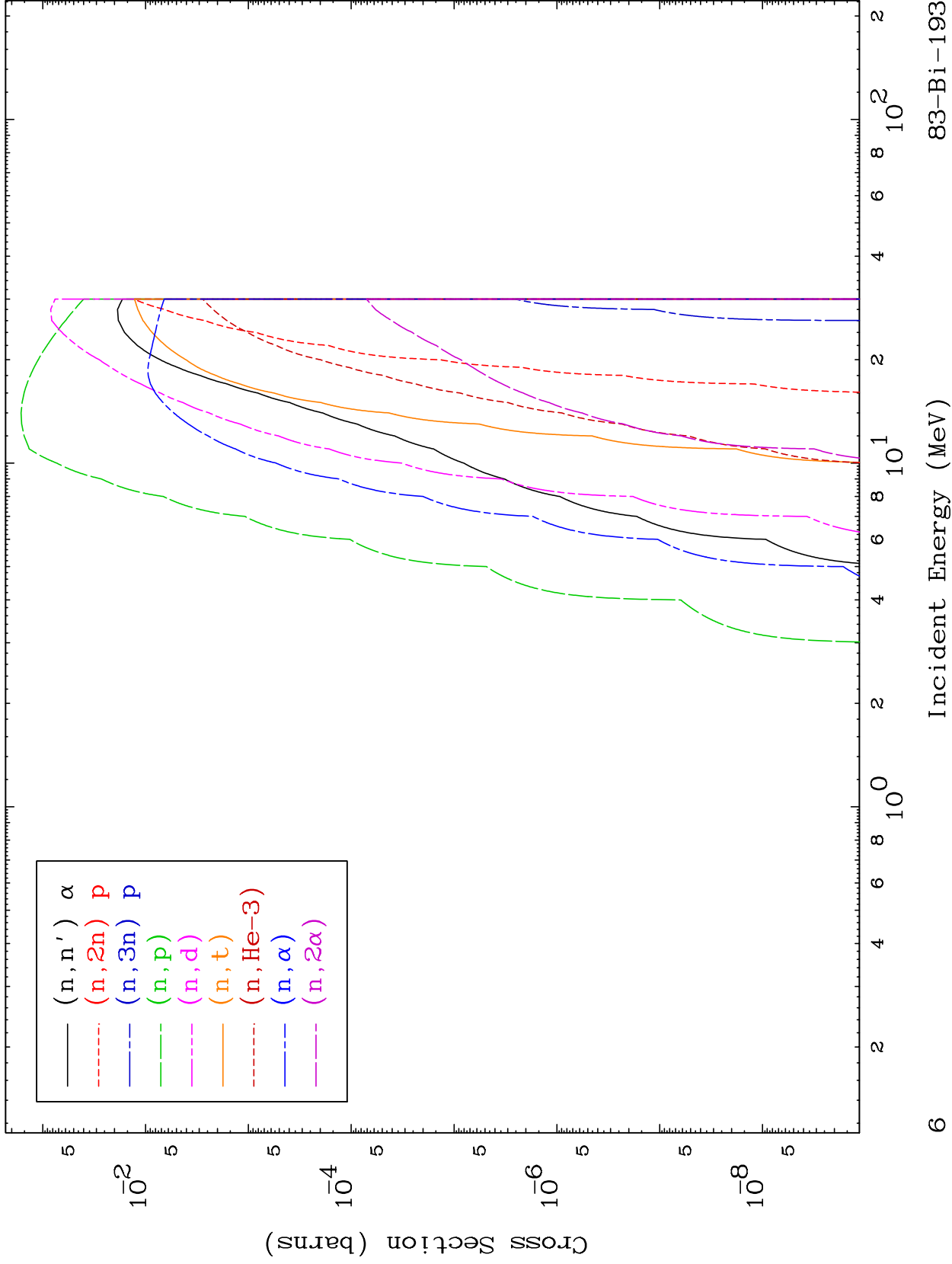


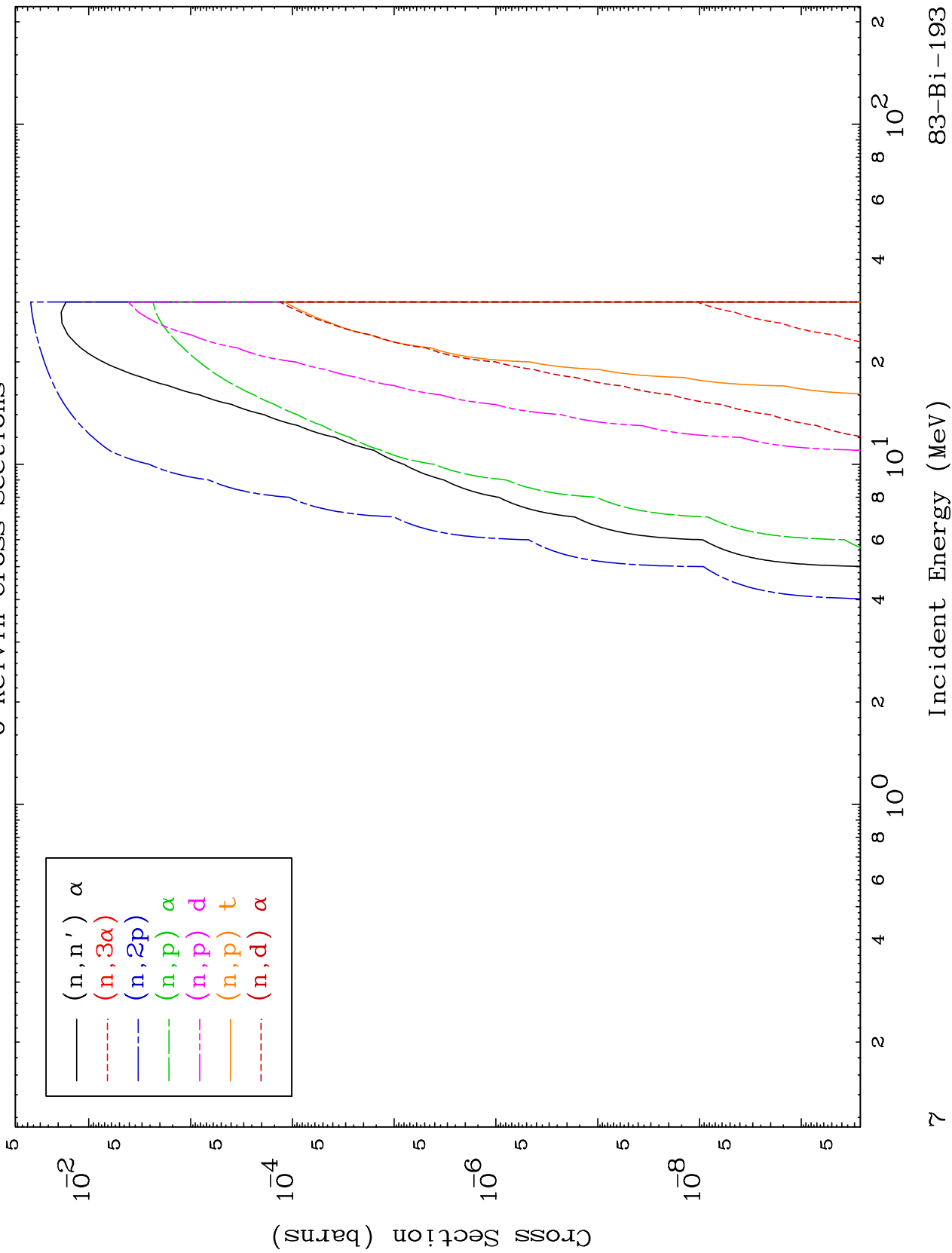










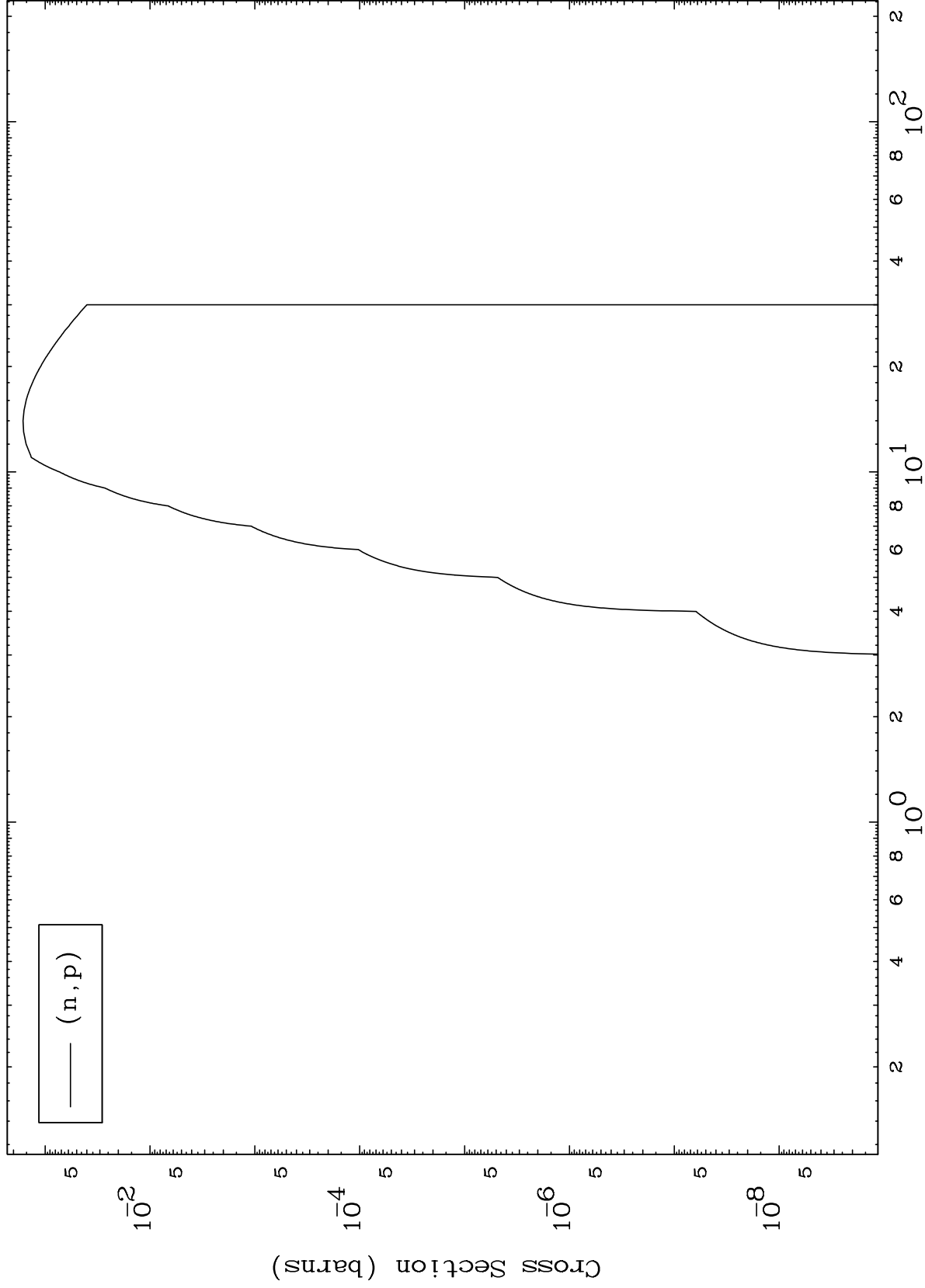


MAT 8277

(d,p) Levels

83-Bi-193

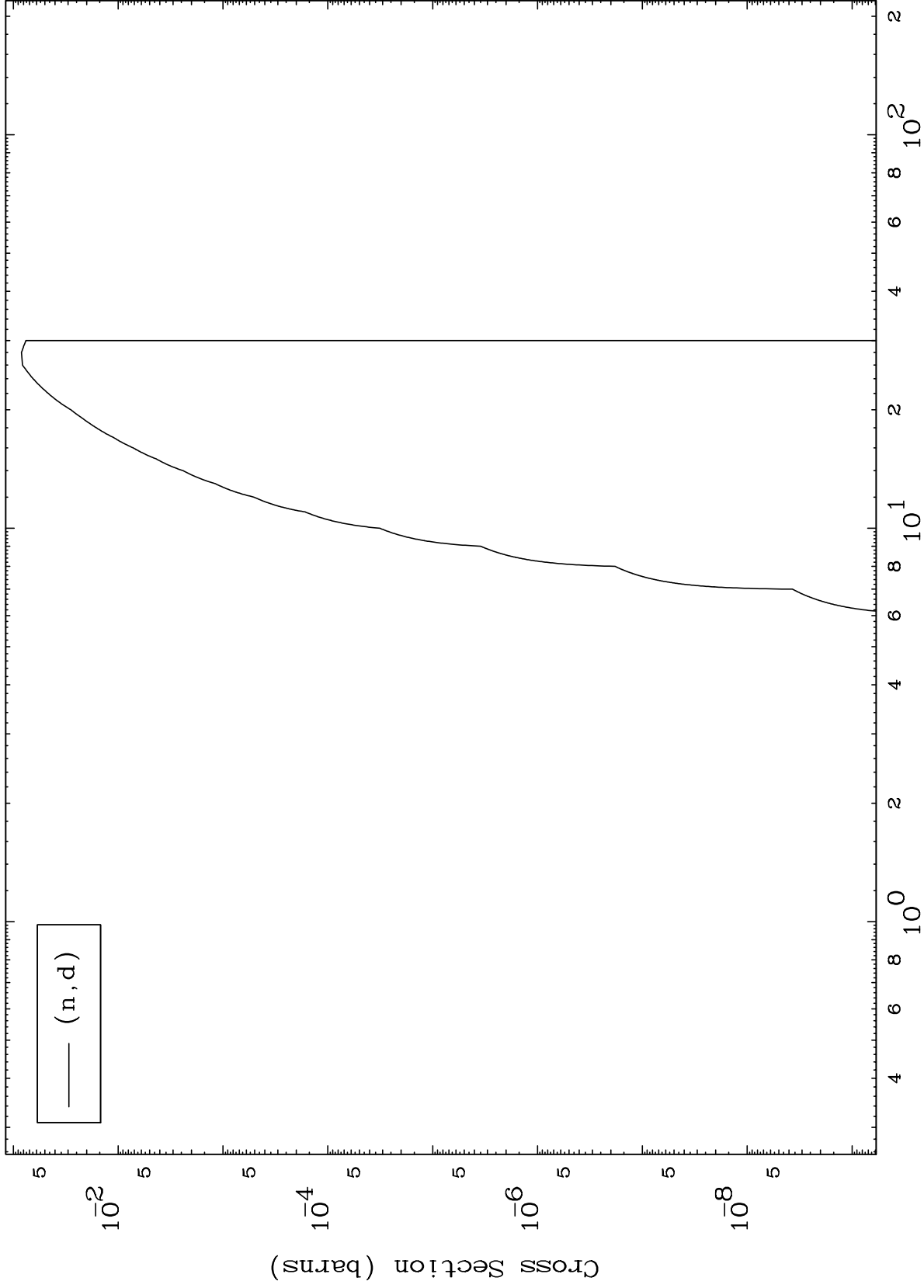
0 Kelvin Cross Sections



MAT 8277

(d,d) Levels
0 Kelvin Cross Sections

83-Bi-193



9

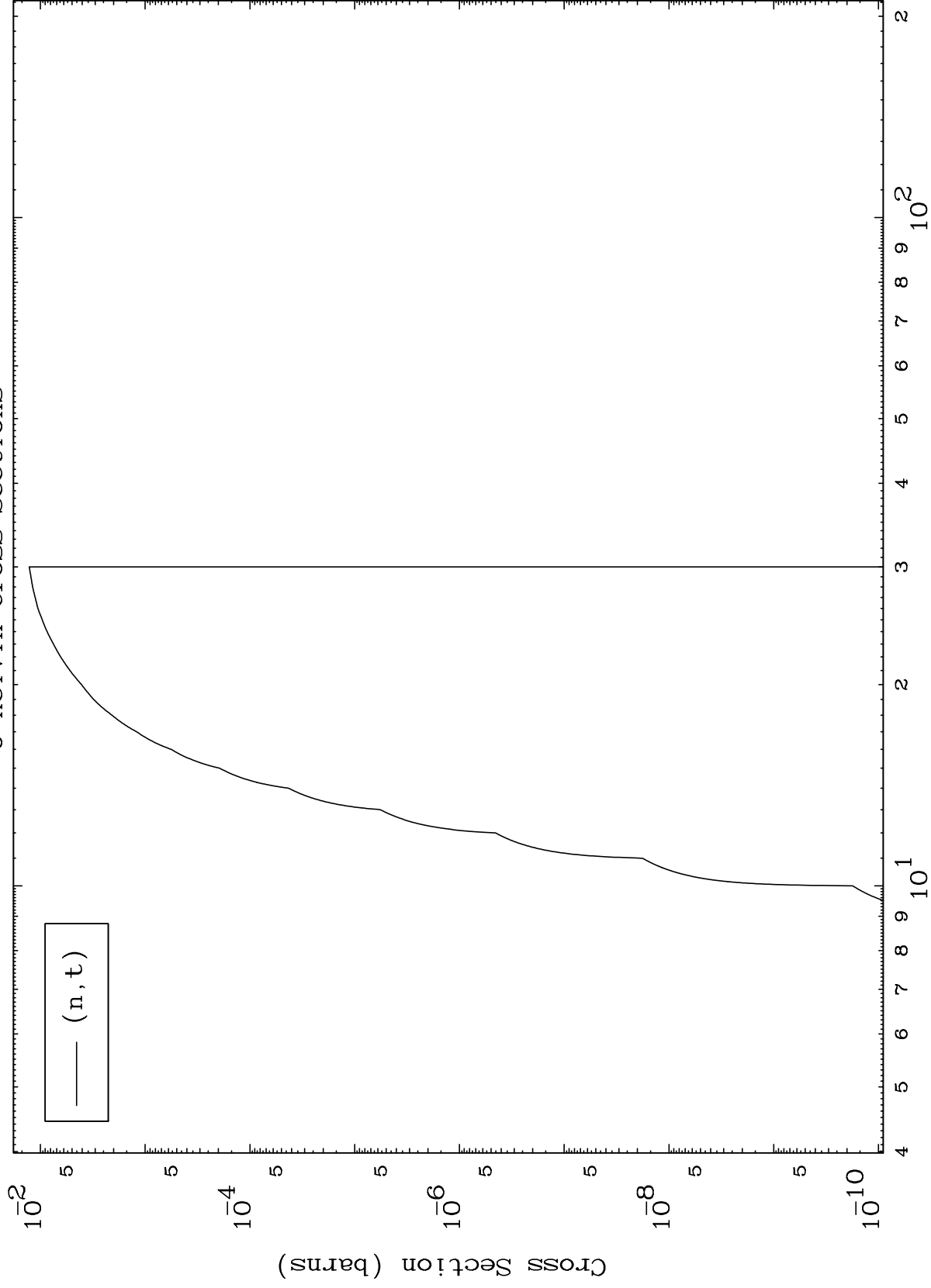
Incident Energy (MeV)

83-Bi-193

MAT 8277

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-193



10

Incident Energy (MeV)

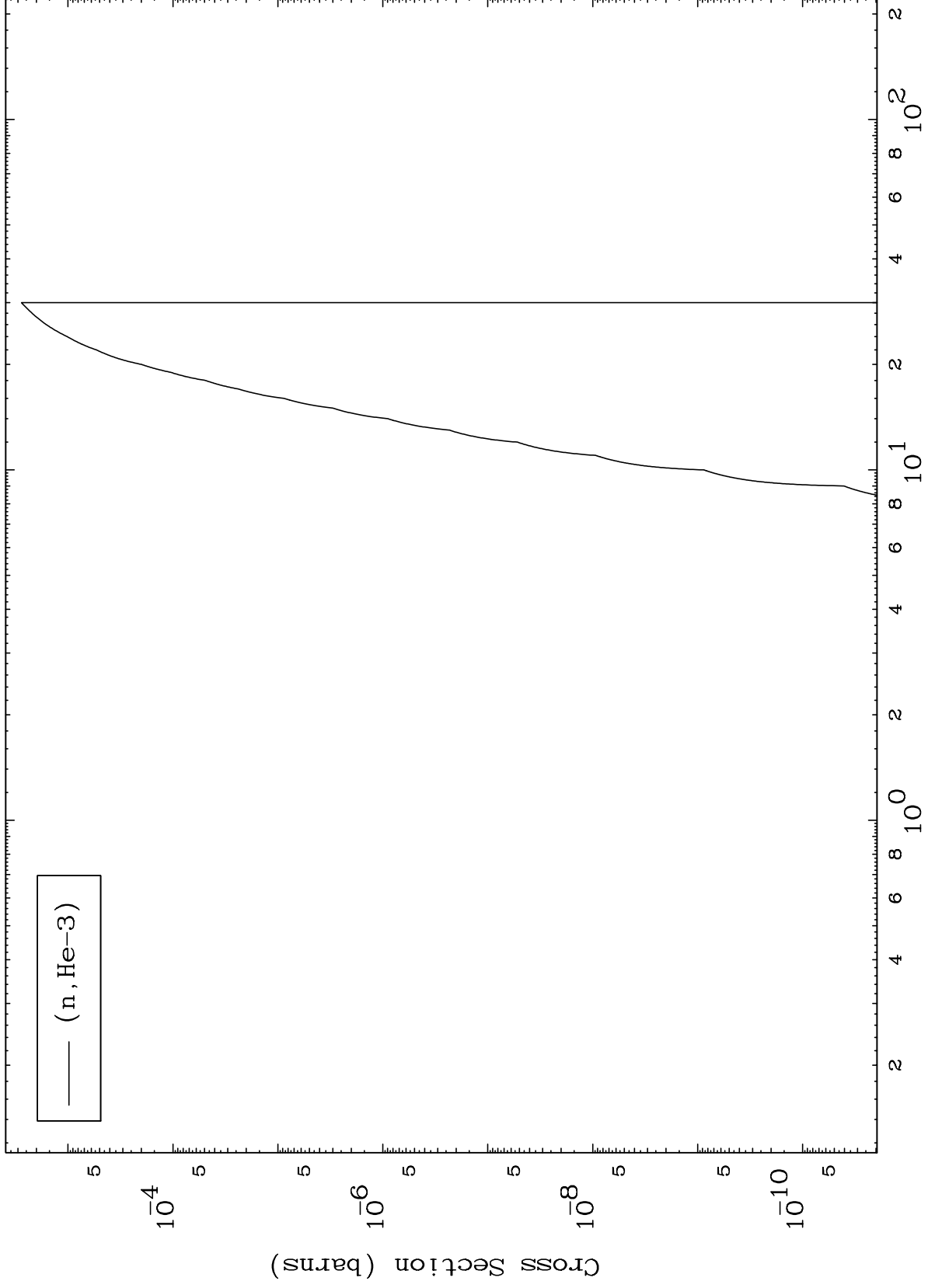
83-Bi-193

MAT 8277

(d,He3) Levels

83-Bi-193

0 Kelvin Cross Sections

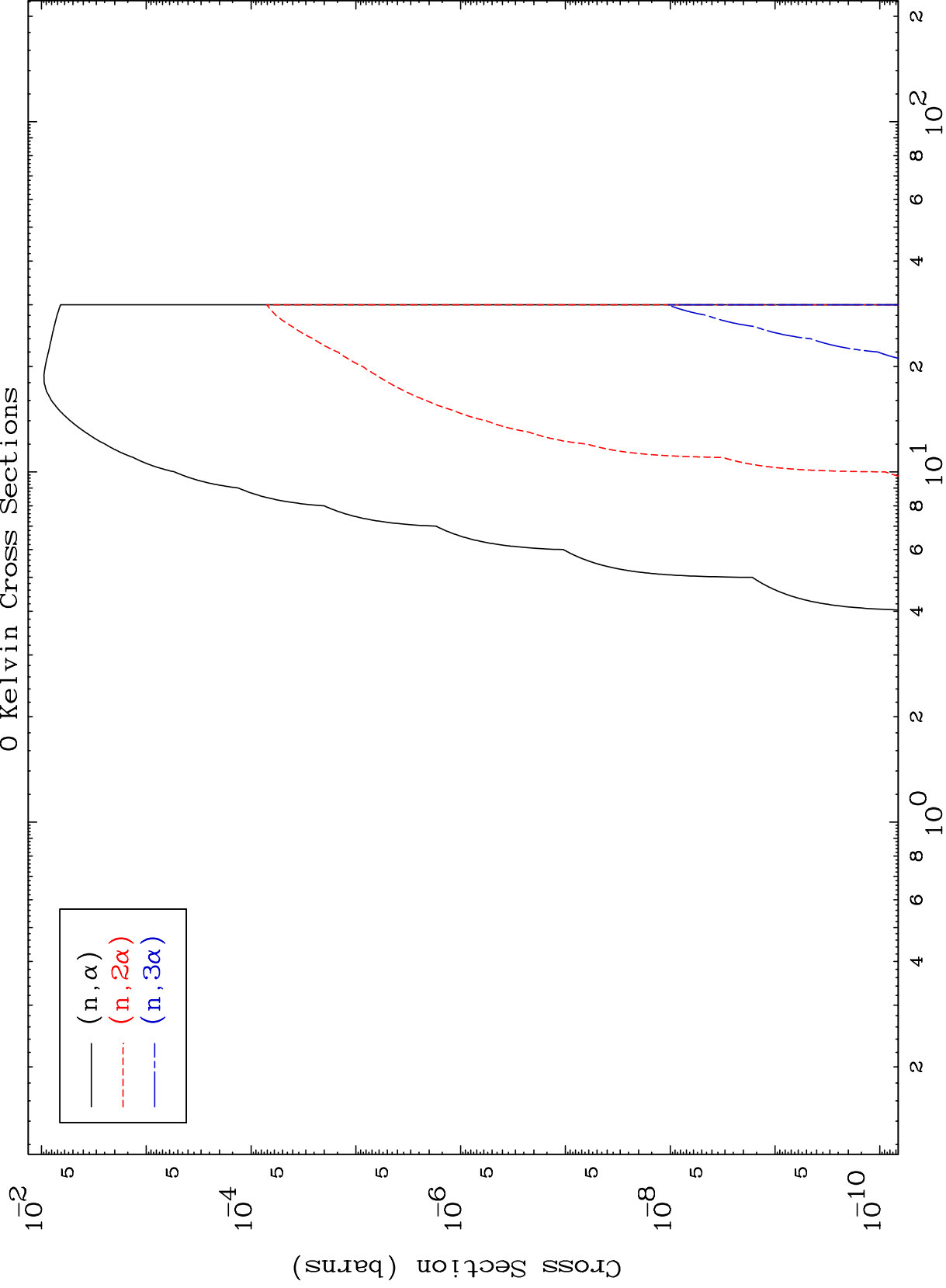


MAT 8277

(d, α) Levels

83-Bi-193

0 Kelvin Cross Sections



12

Incident Energy (MeV)

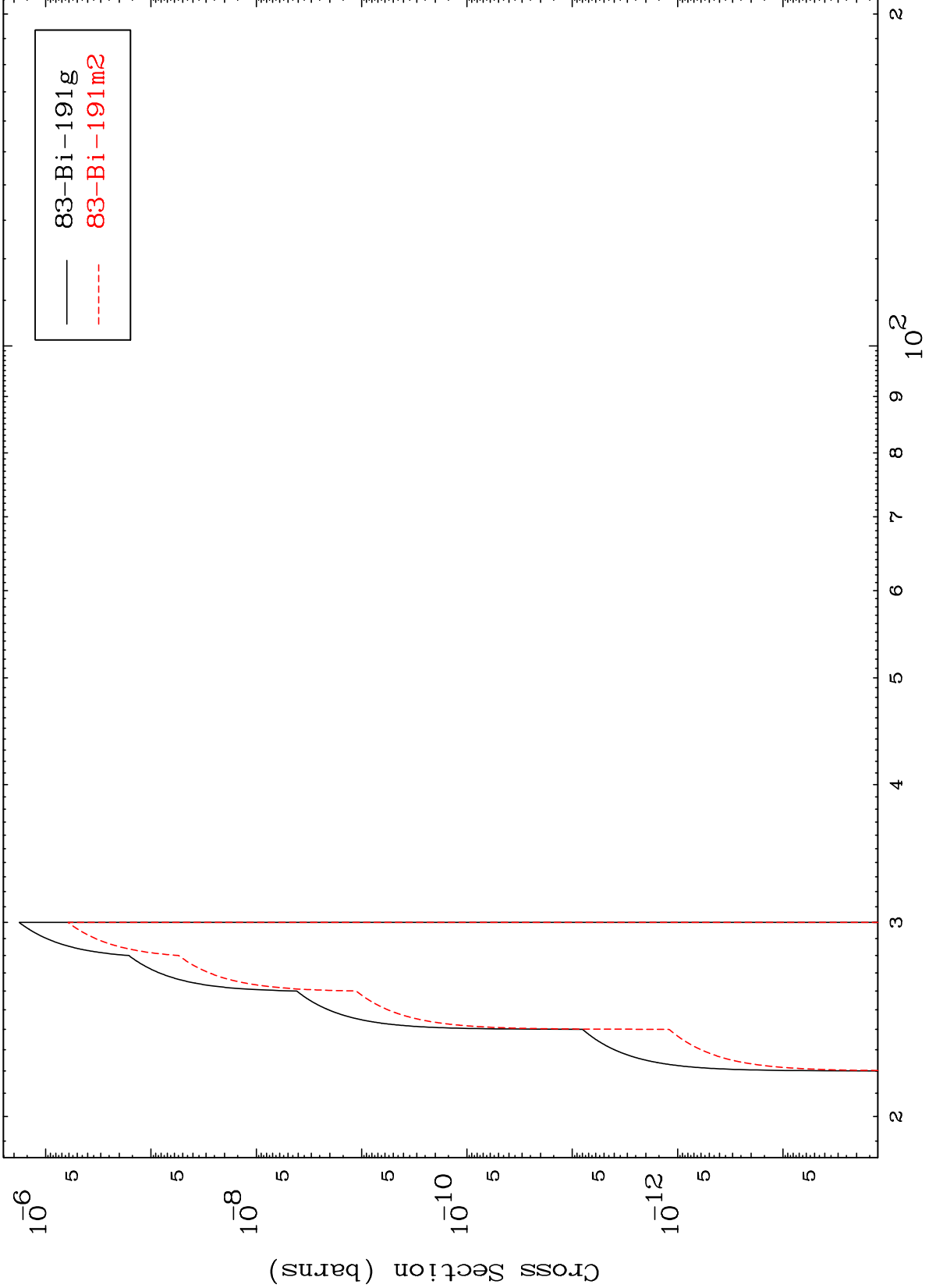
83-Bi-193

MAT 82777

(n,2n) d

83-Bi-193

Radionuclide Production Cross Section



13

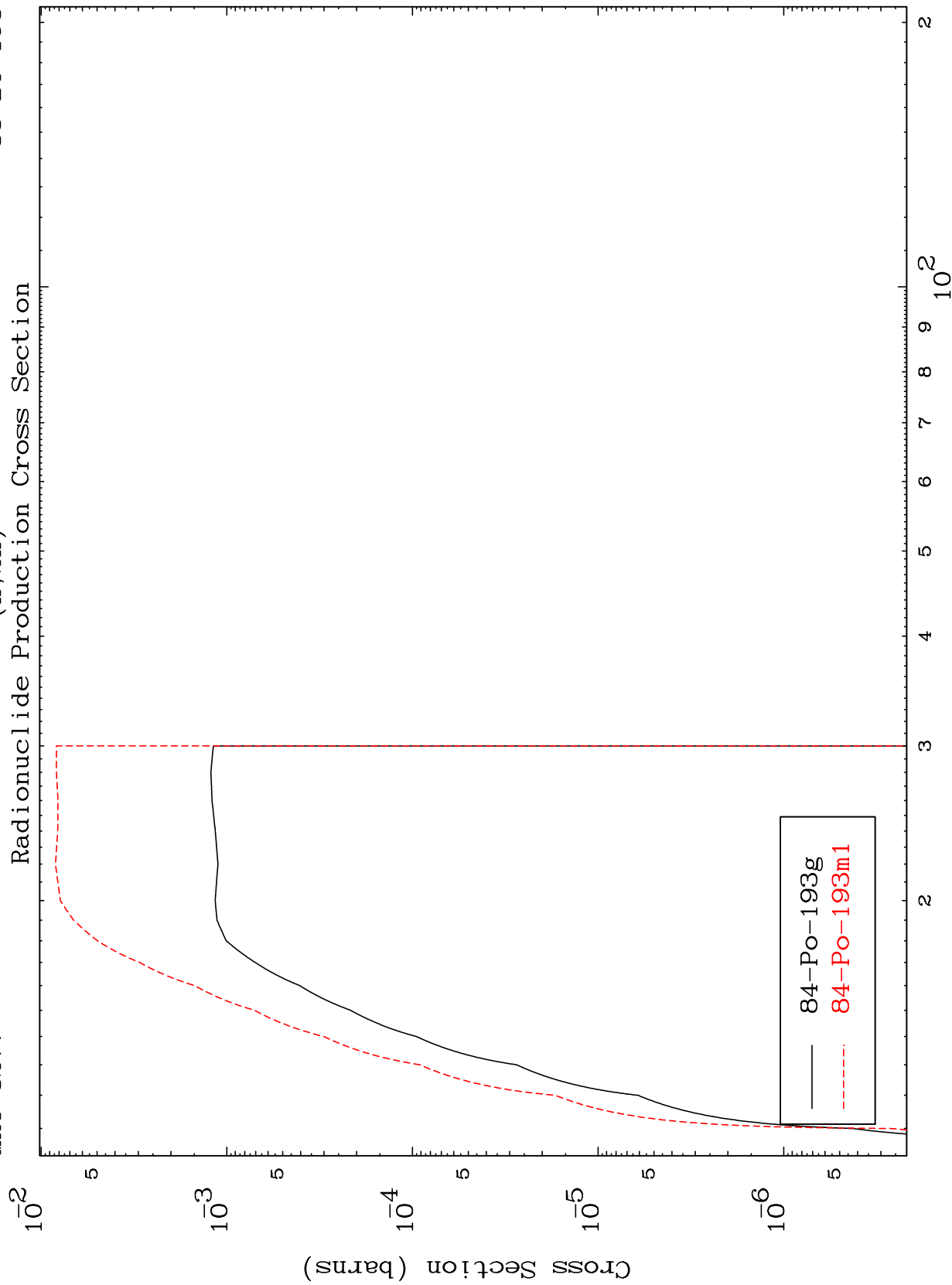
Incident Energy (MeV)

83-Bi-193

MAT 8277

83-Bi-193

(n,2n)
Radionuclide Production Cross Section



83-Bi-193

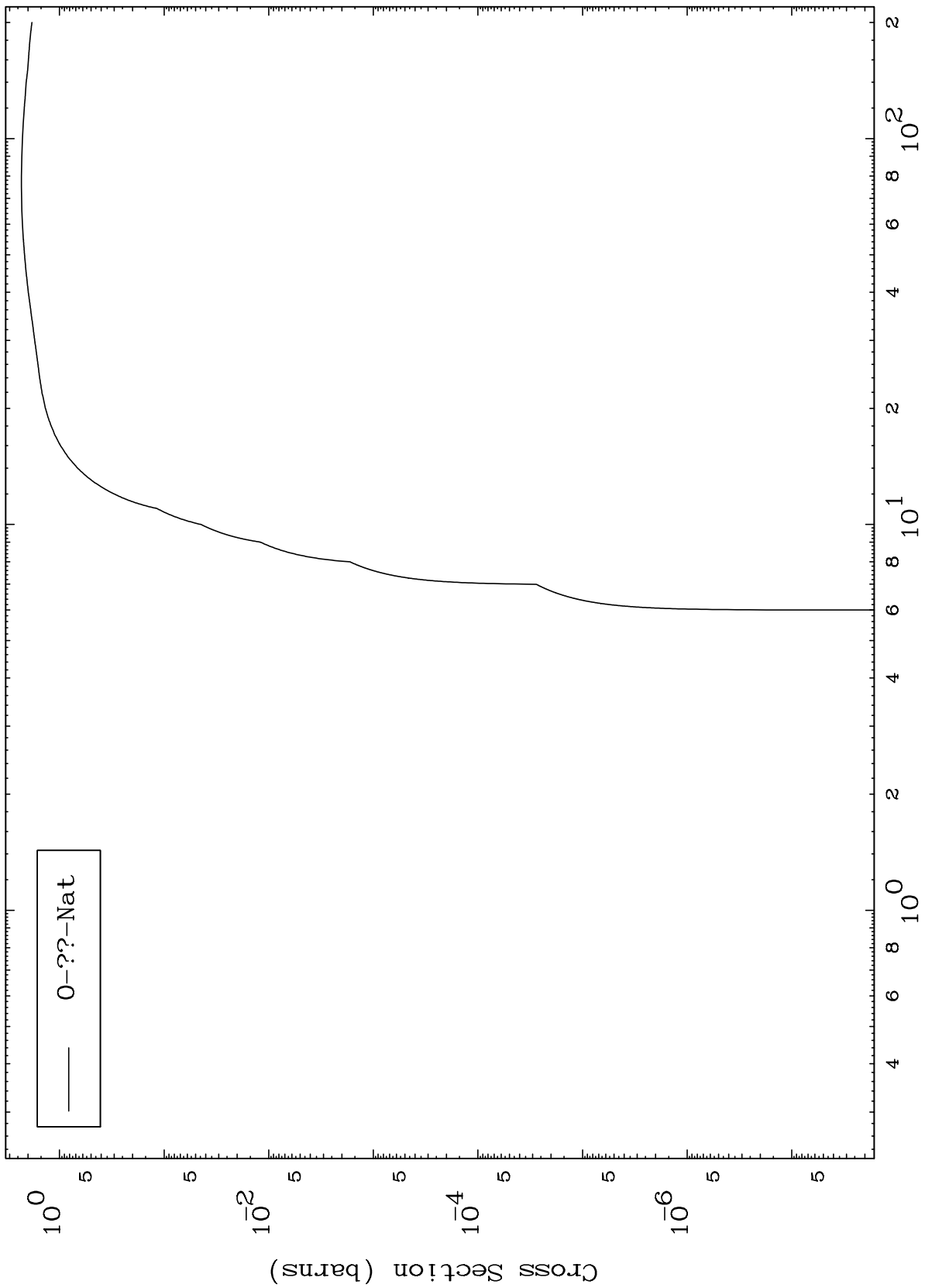
Incident Energy (MeV)

14

MAT 8277

83-Bi-193

Fission
Radionuclide Production Cross Section



15

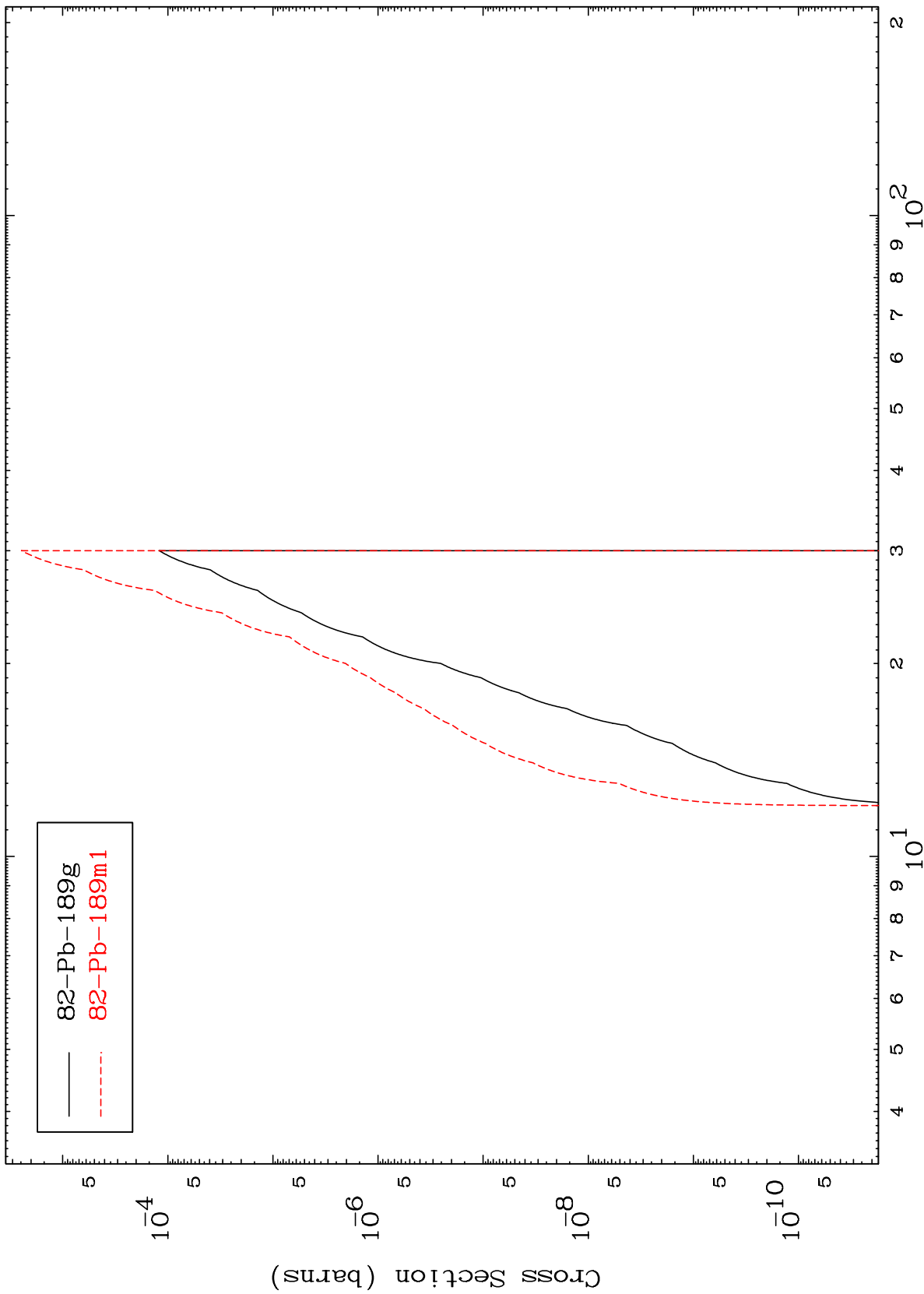
83-Bi-193

MAT 8277

$(n,2n)$ α

83-Bi-193

Radionuclide Production Cross Section



16

Incident Energy (MeV)

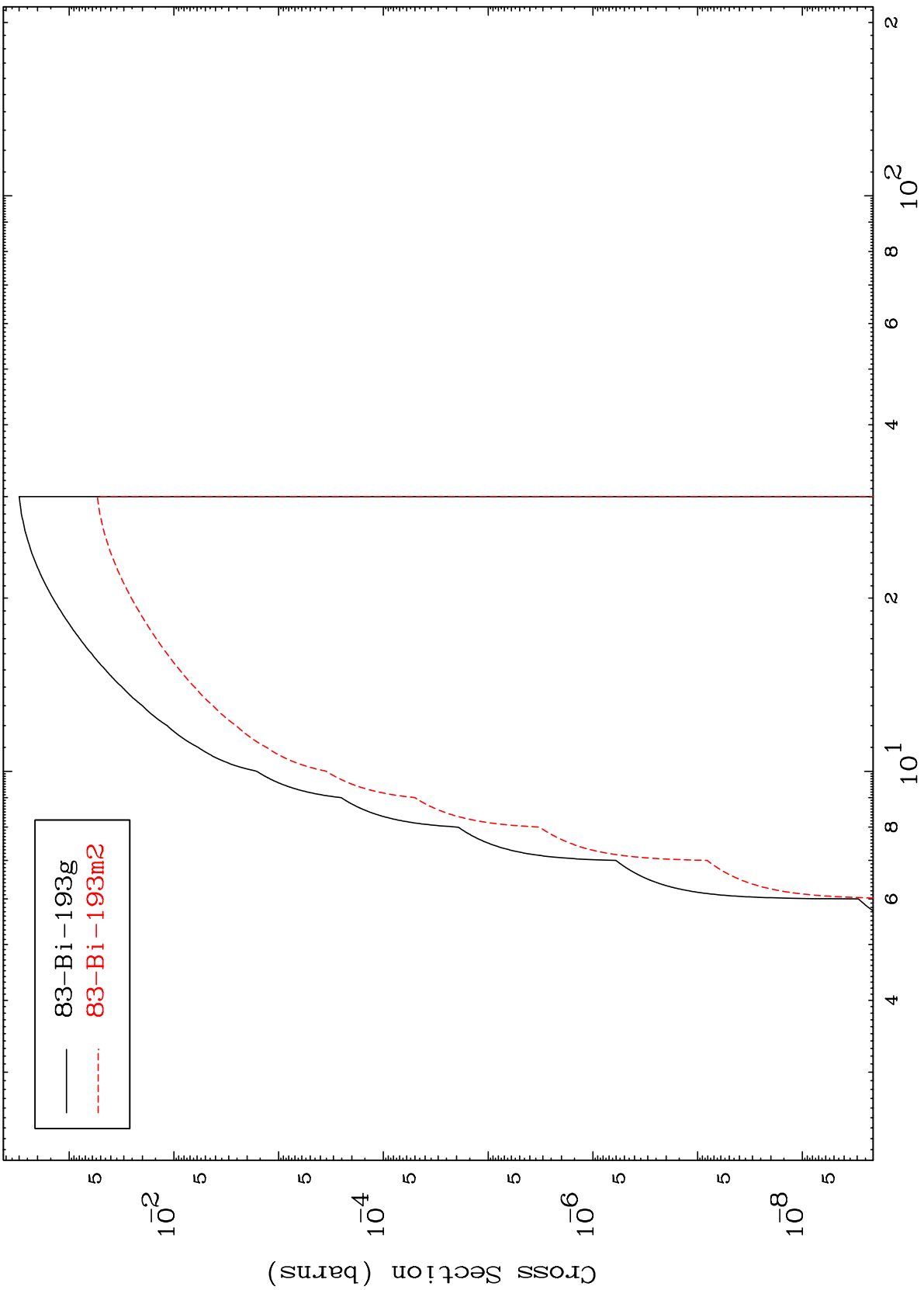
83-Bi-193

MAT 8277

(n,n') p

83-Bi-193

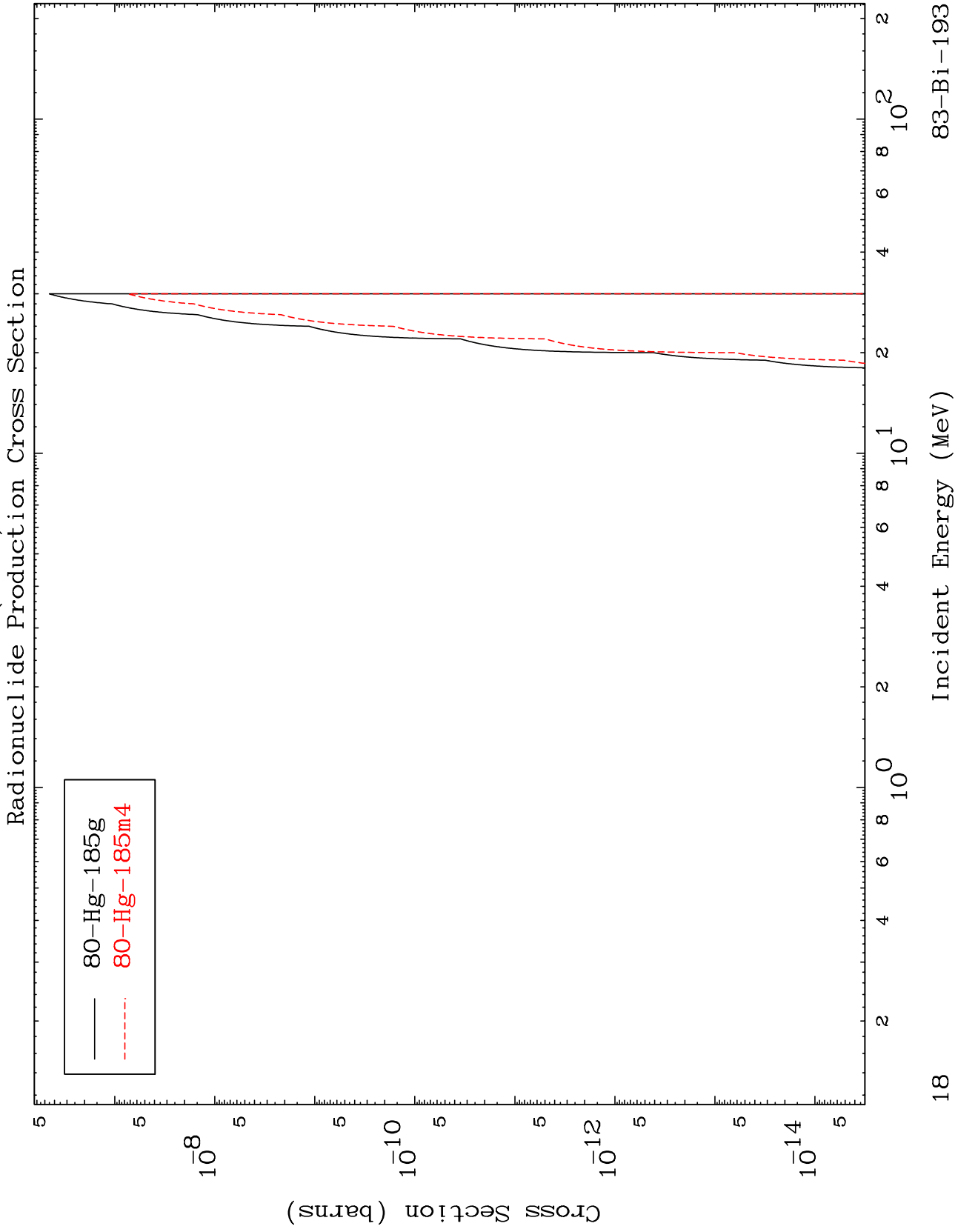
Radionuclide Production Cross Section



MAT 8277

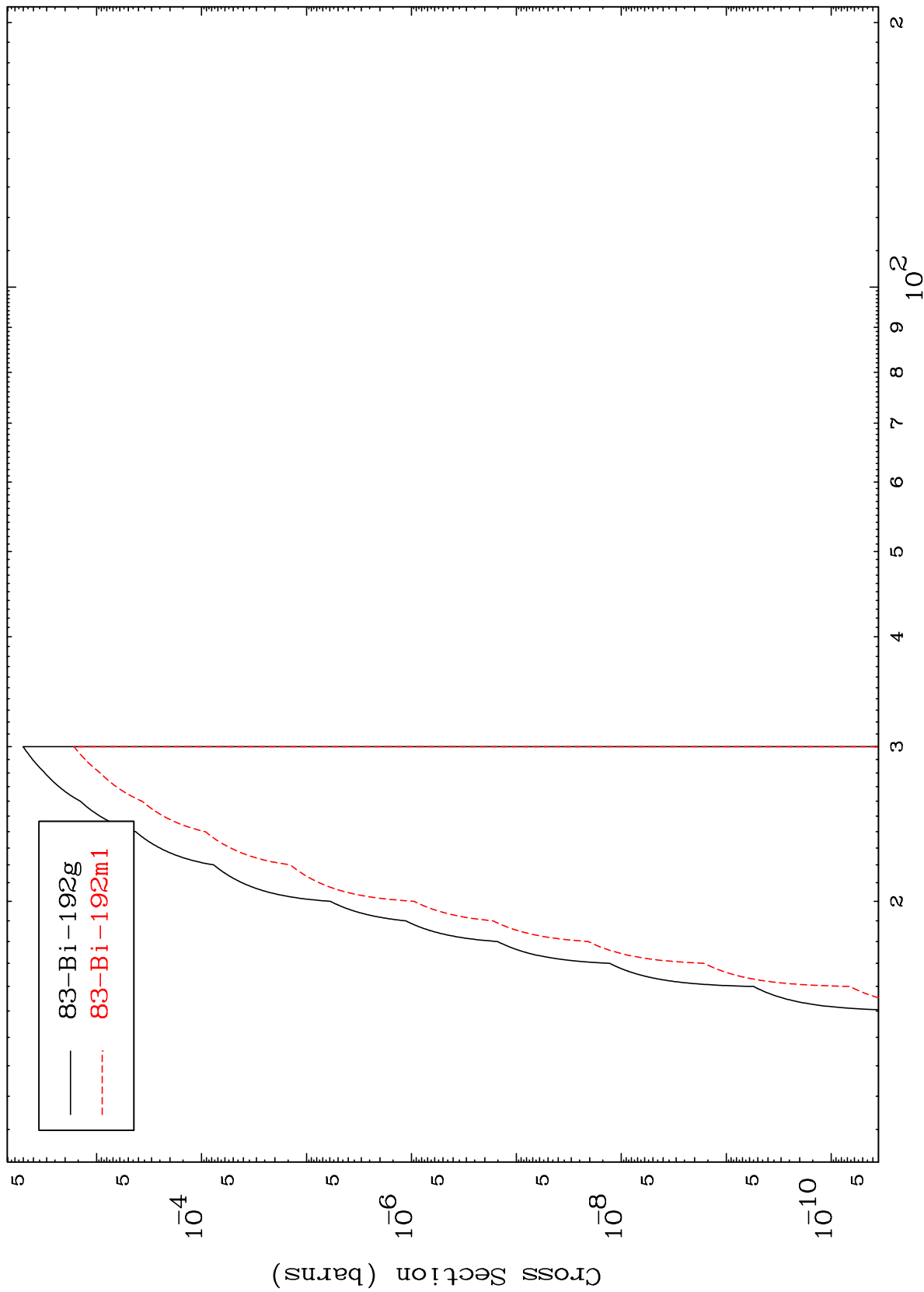
(n,2n) 2 α

83-Bi-193



18

Radionuclide Production Cross Section

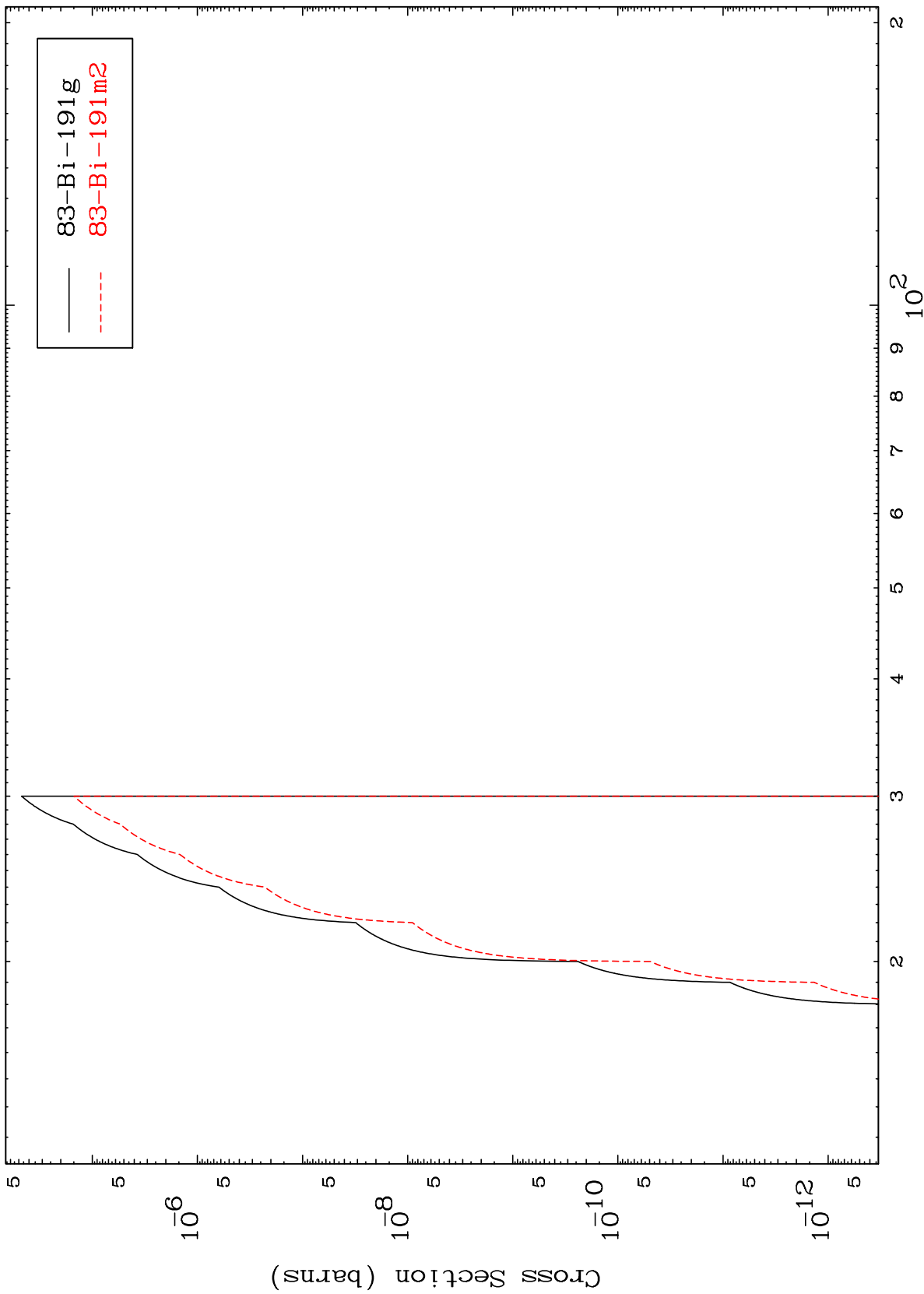


MAT 8277

(n,n') t

83-Bi-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

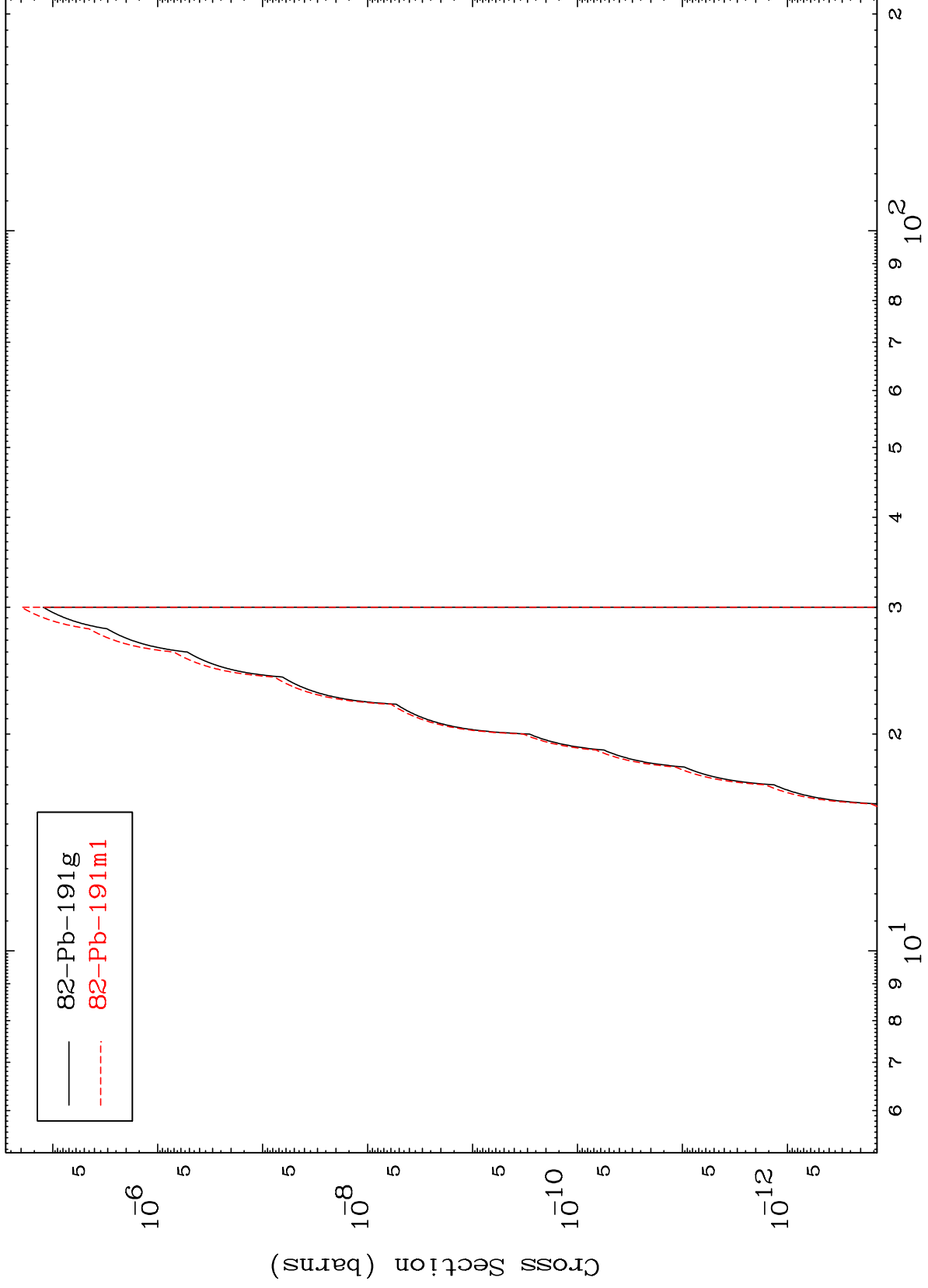
83-Bi-193

MAT 8277

(n,n') He-3

83-Bi-193

Radionuclide Production Cross Section

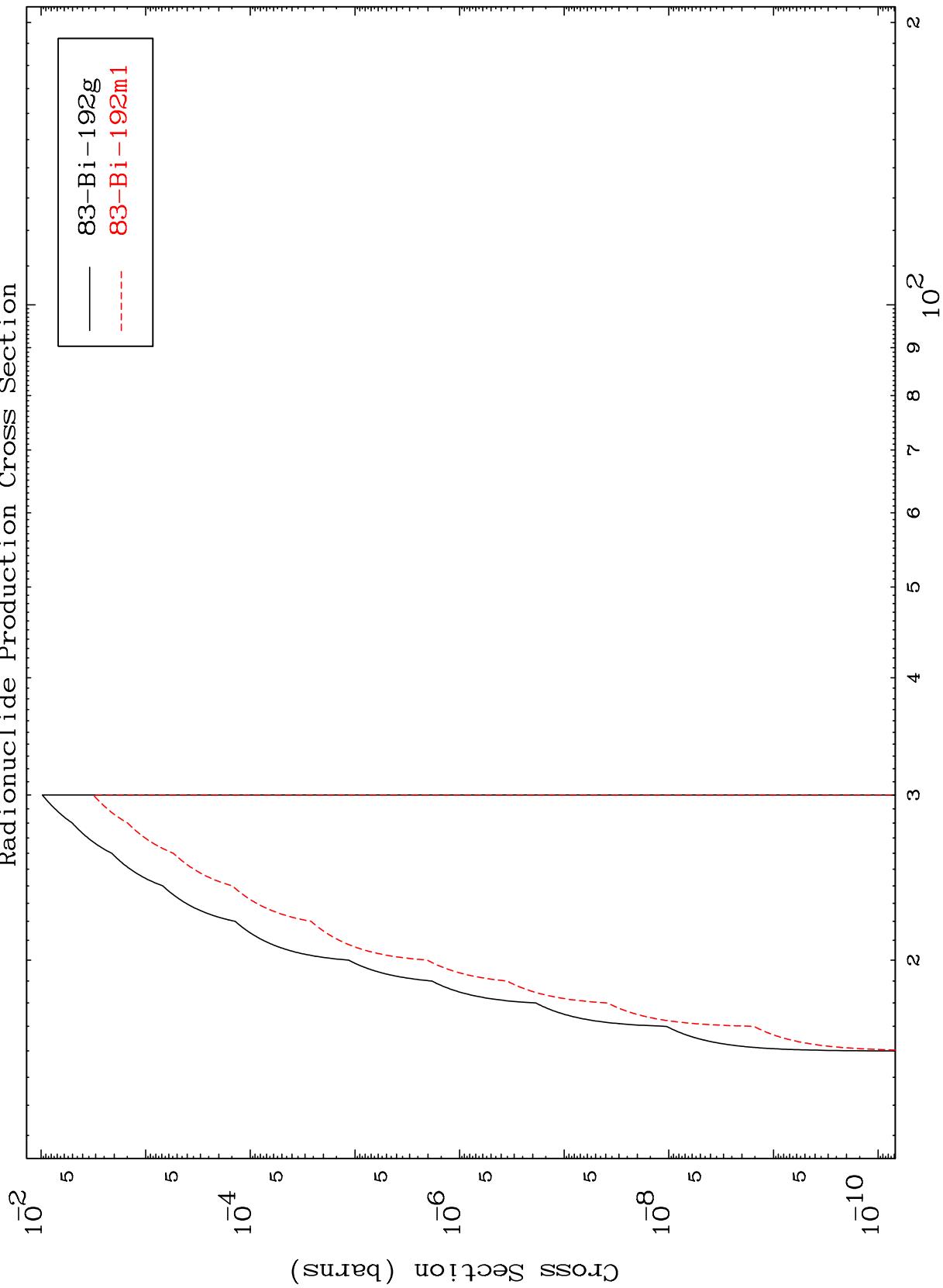


MAT 8277

(n,2n) p

83-Bi-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

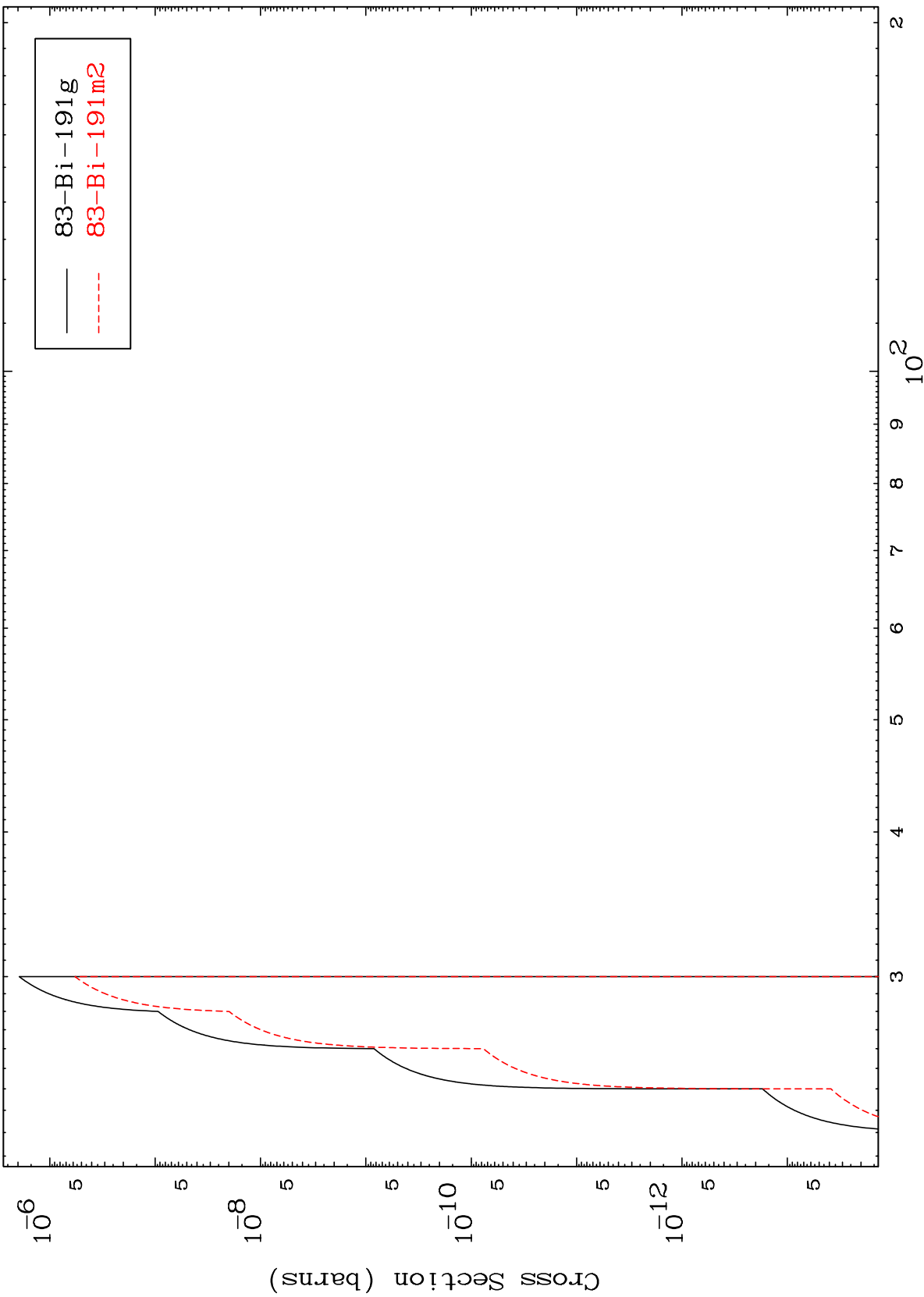
83-Bi-193

MAT 8277

(n,3n) p

83-Bi-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

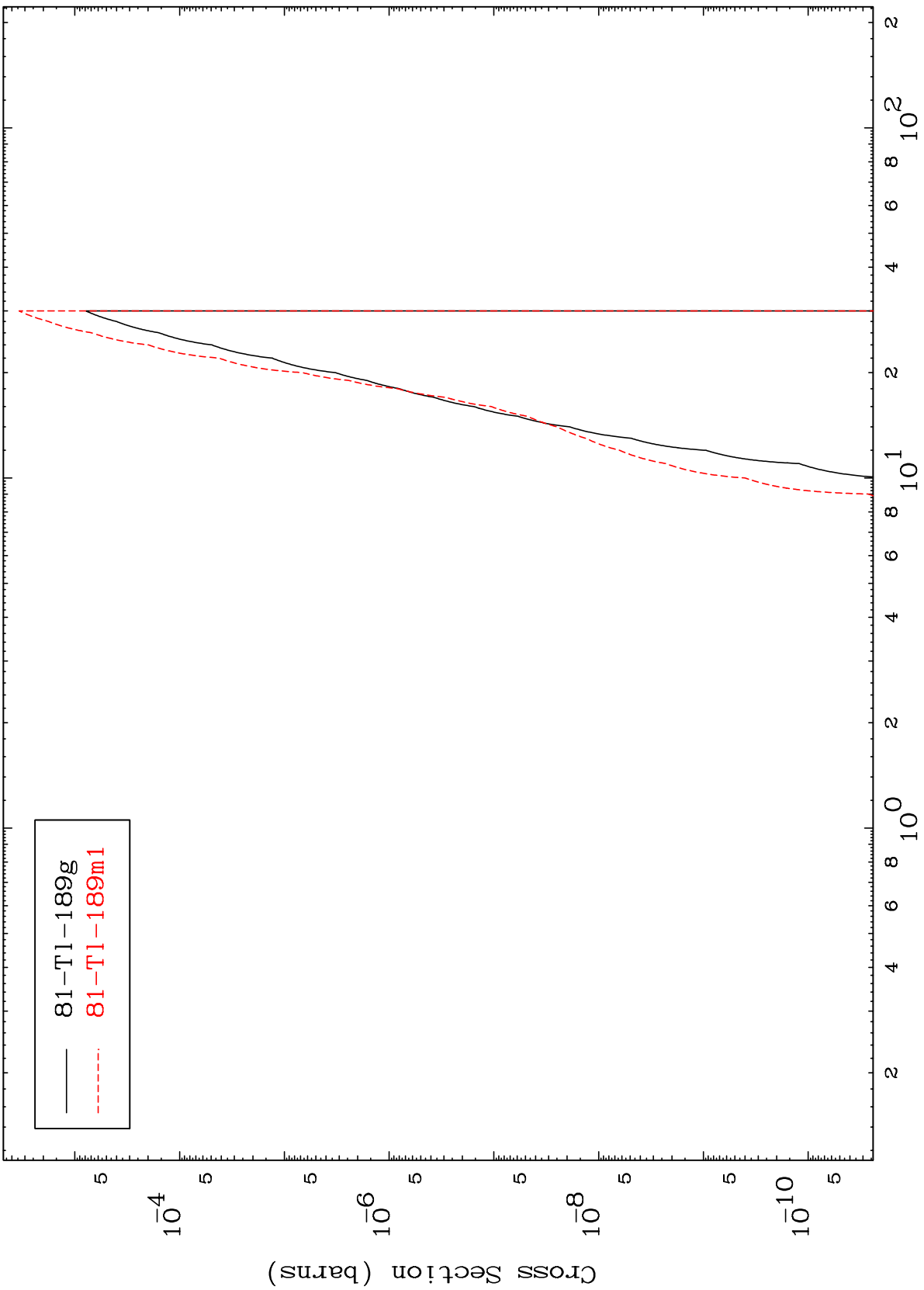
83-Bi-193

MAT 8277

(n,n') p α

83-Bi-193

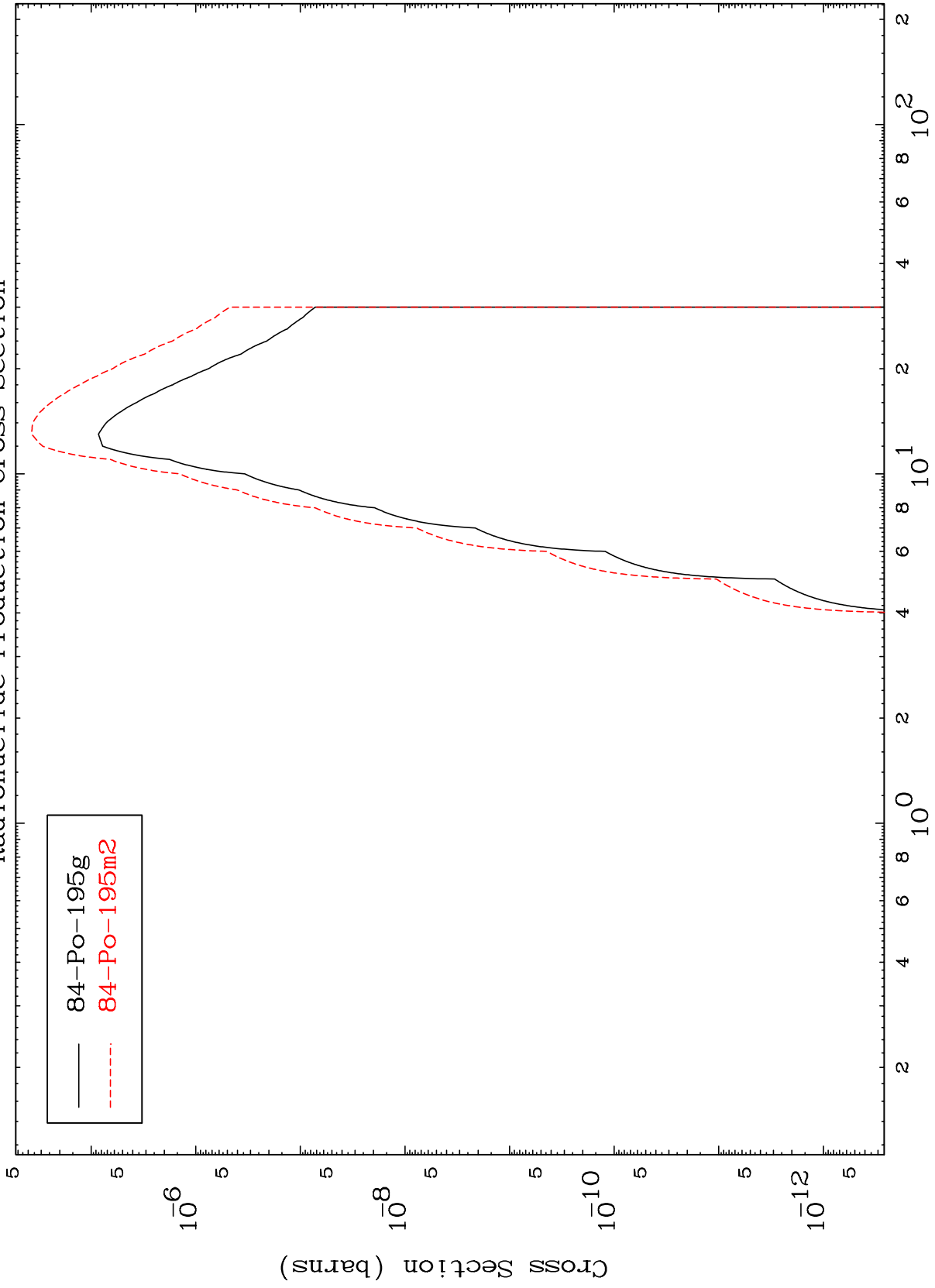
Radionuclide Production Cross Section



MAT 8277

83-Bi-193

(n, γ)
Radionuclide Production Cross Section

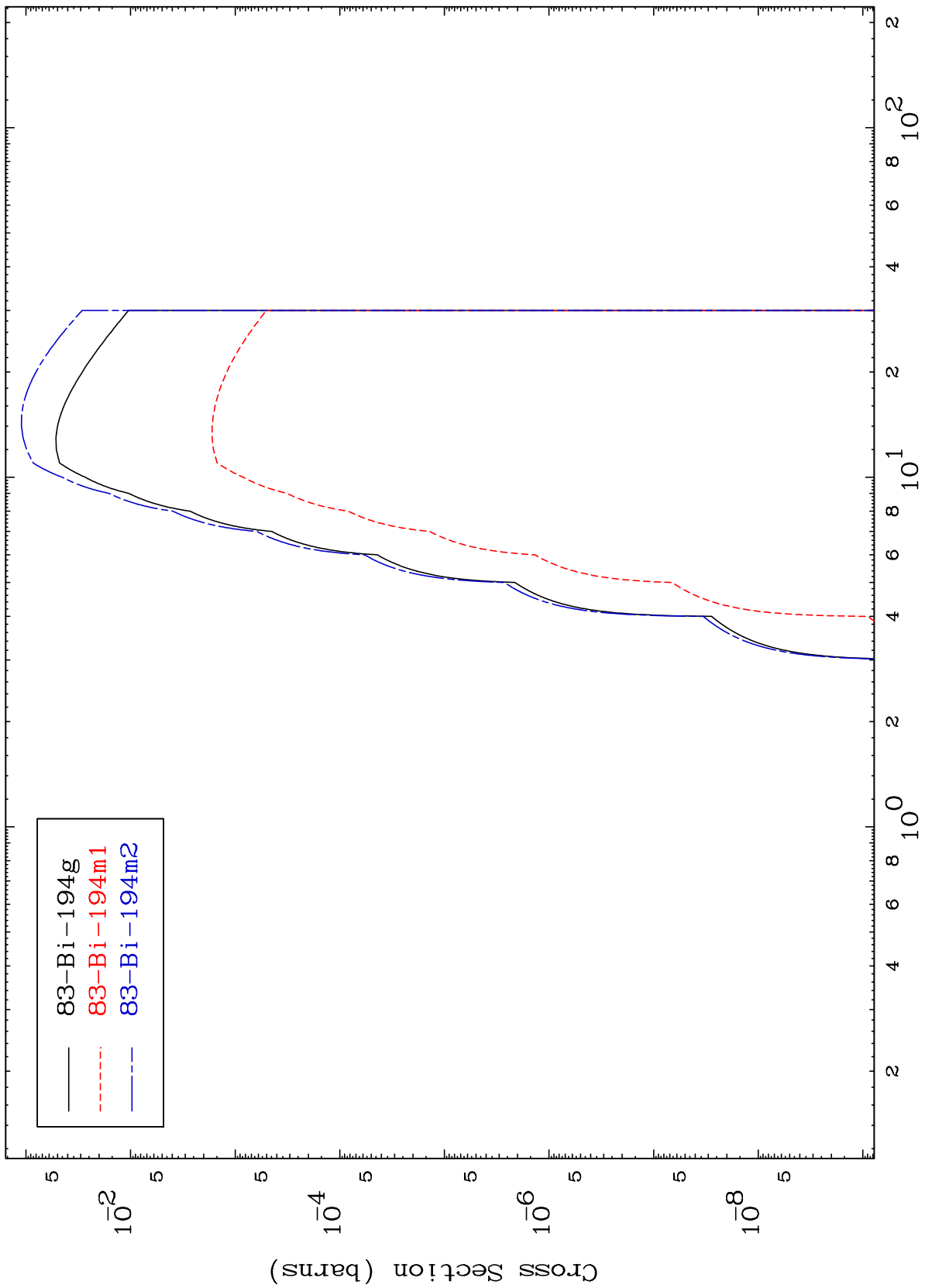


83-Bi-193

Incident Energy (MeV)

25

(n,p)
Radionuclide Production Cross Section

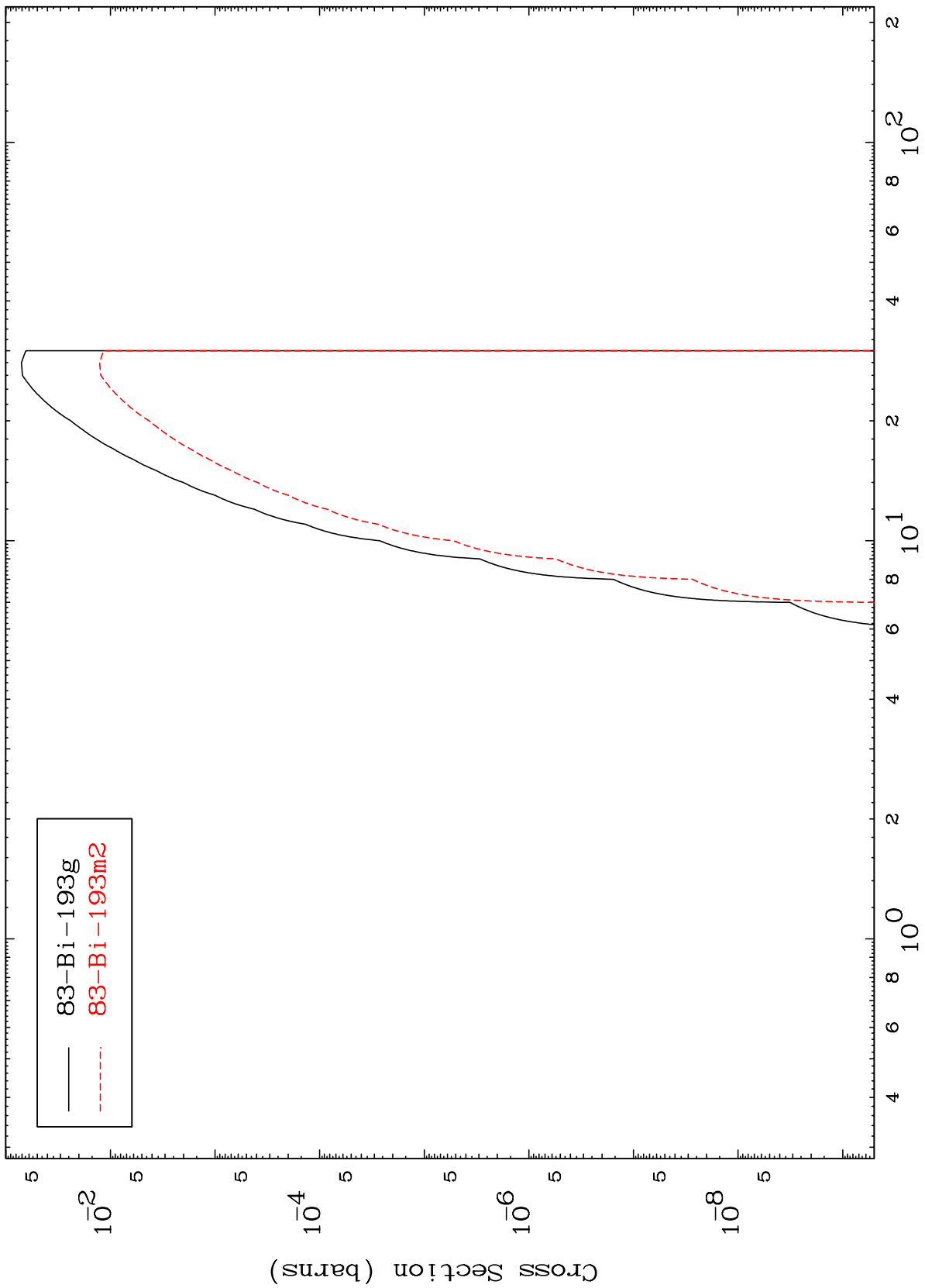


MAT 8277

(n,d)

83-Bi-193

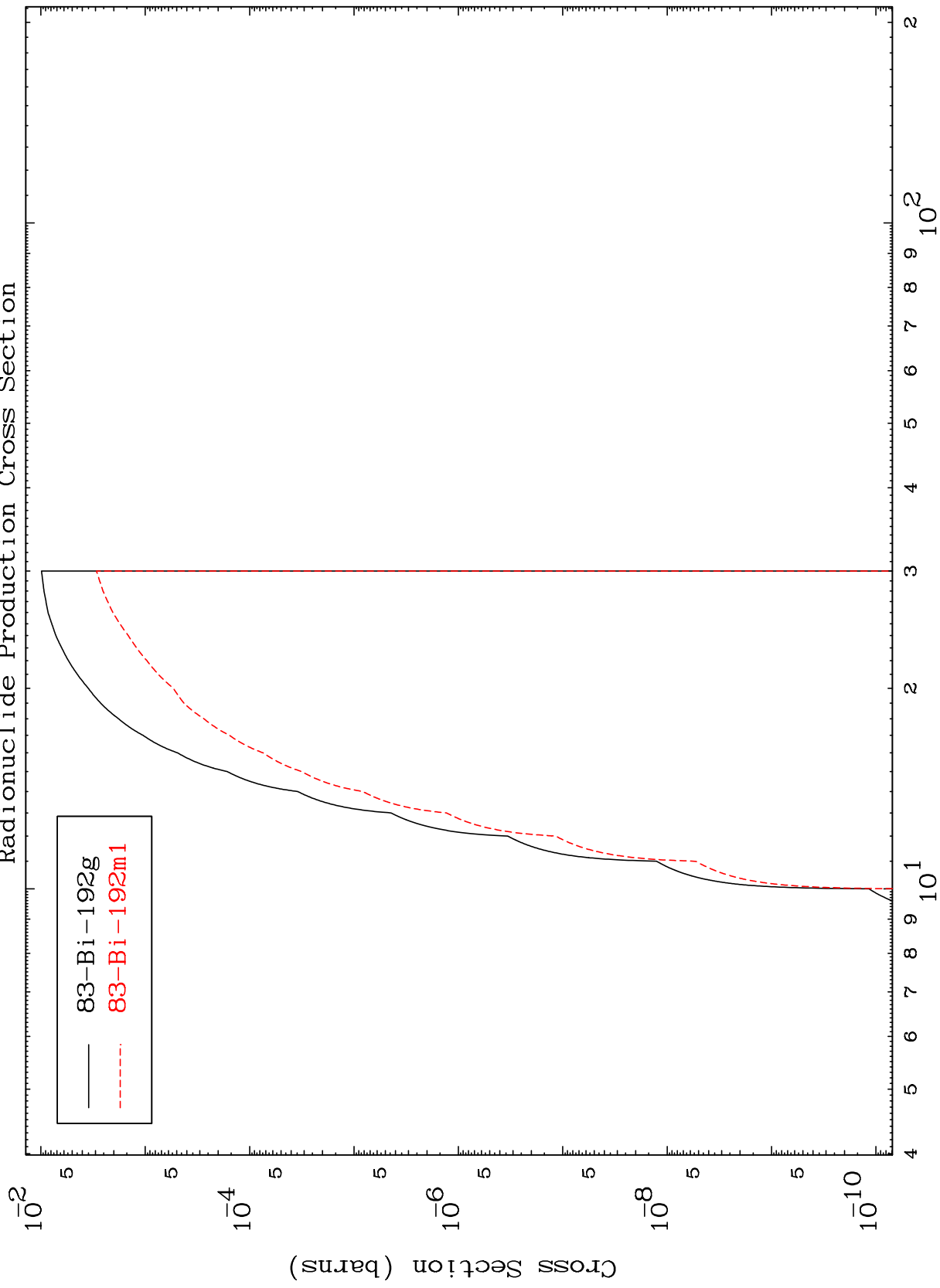
Radionuclide Production Cross Section



MAT 8277

83-Bi-193

Radionuclide Production Cross Section (n,t)



Incident Energy (MeV)

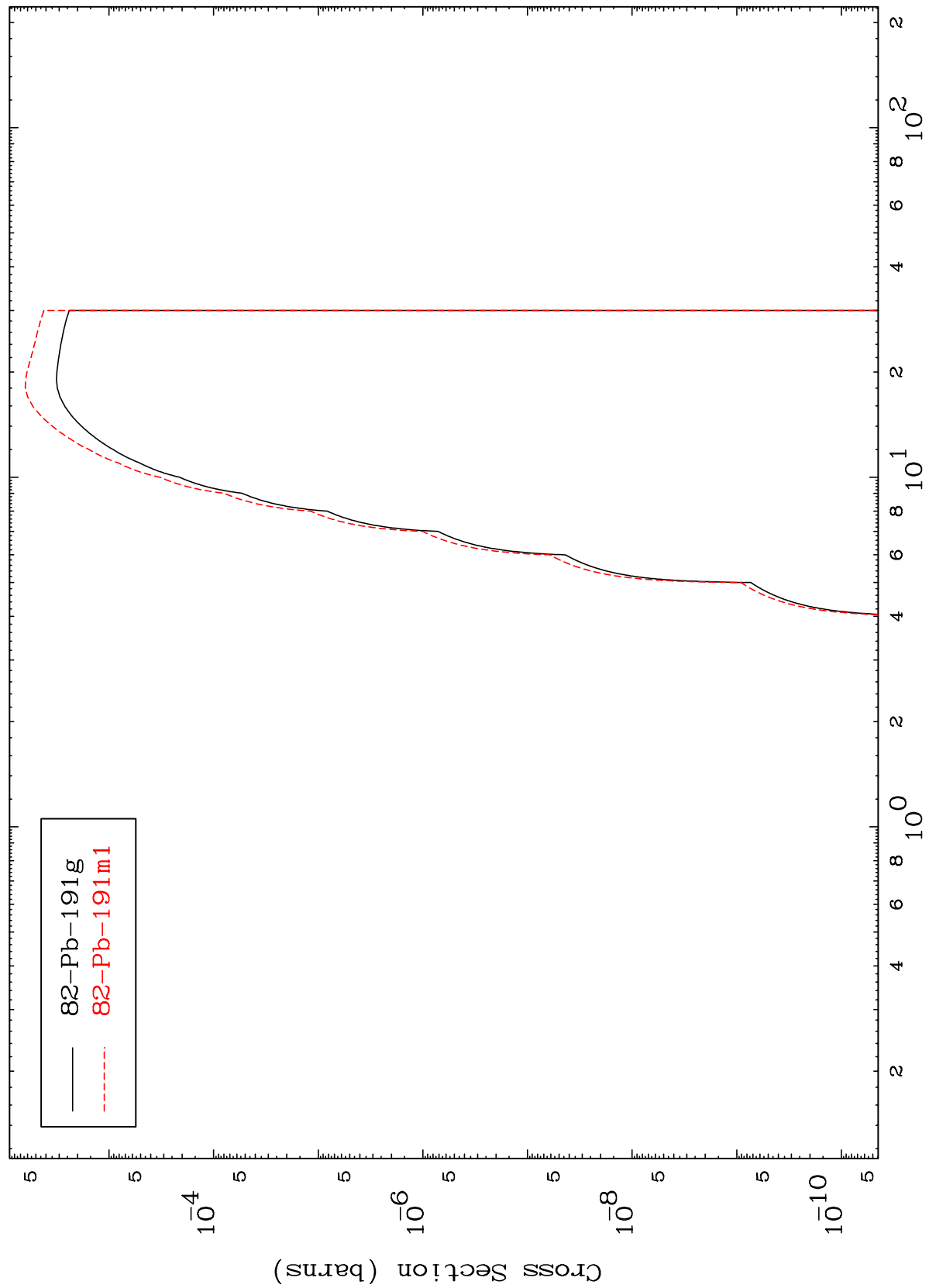
83-Bi-193

28

MAT 8277

83-Bi-193

Radionuclide Production Cross Section
(n, α)



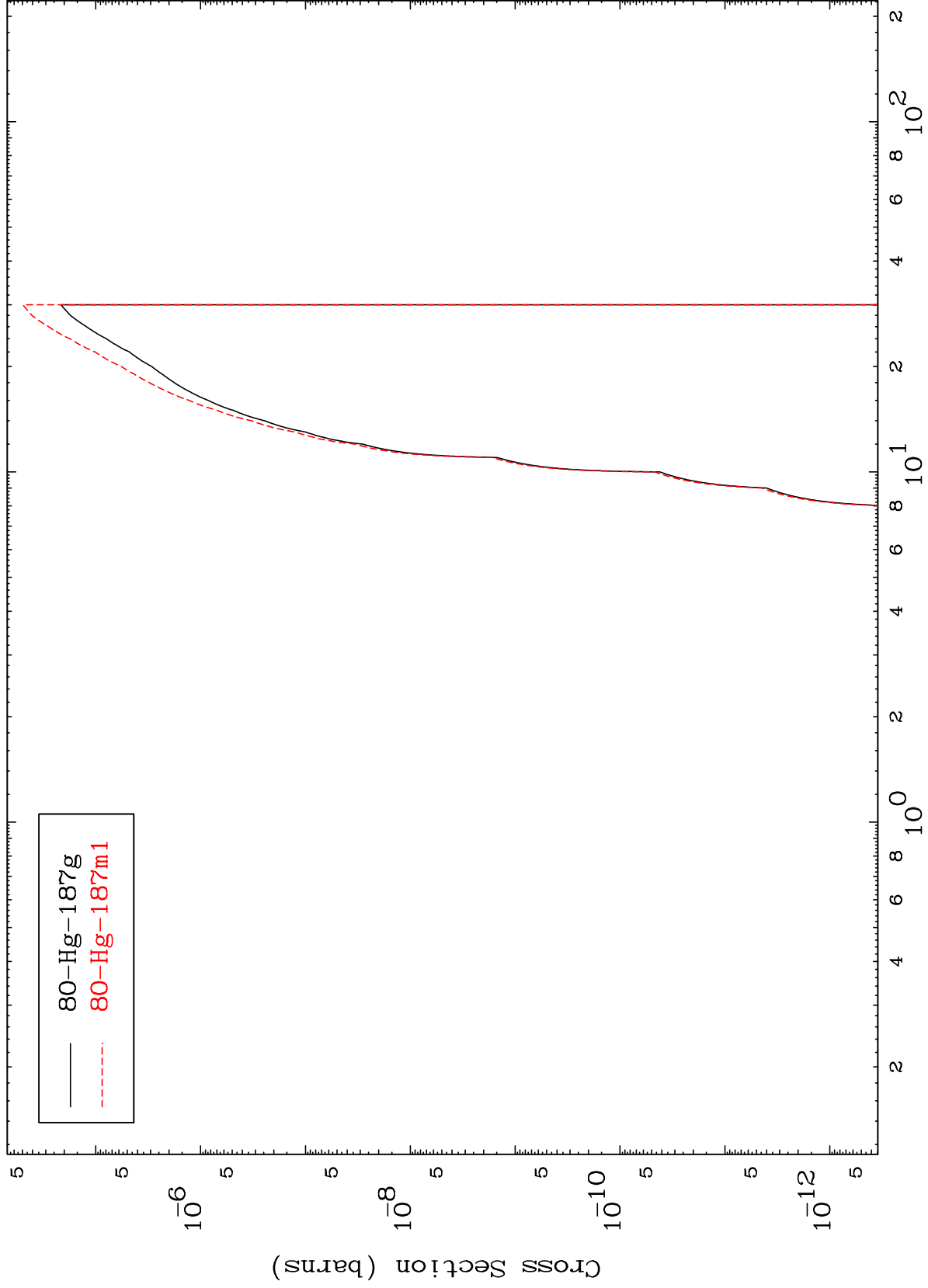
— 82-Pb-191g
- - - 82-Pb-191m1

MAT 8277

(n,2α)

83-Bi-193

Radionuclide Production Cross Section



30

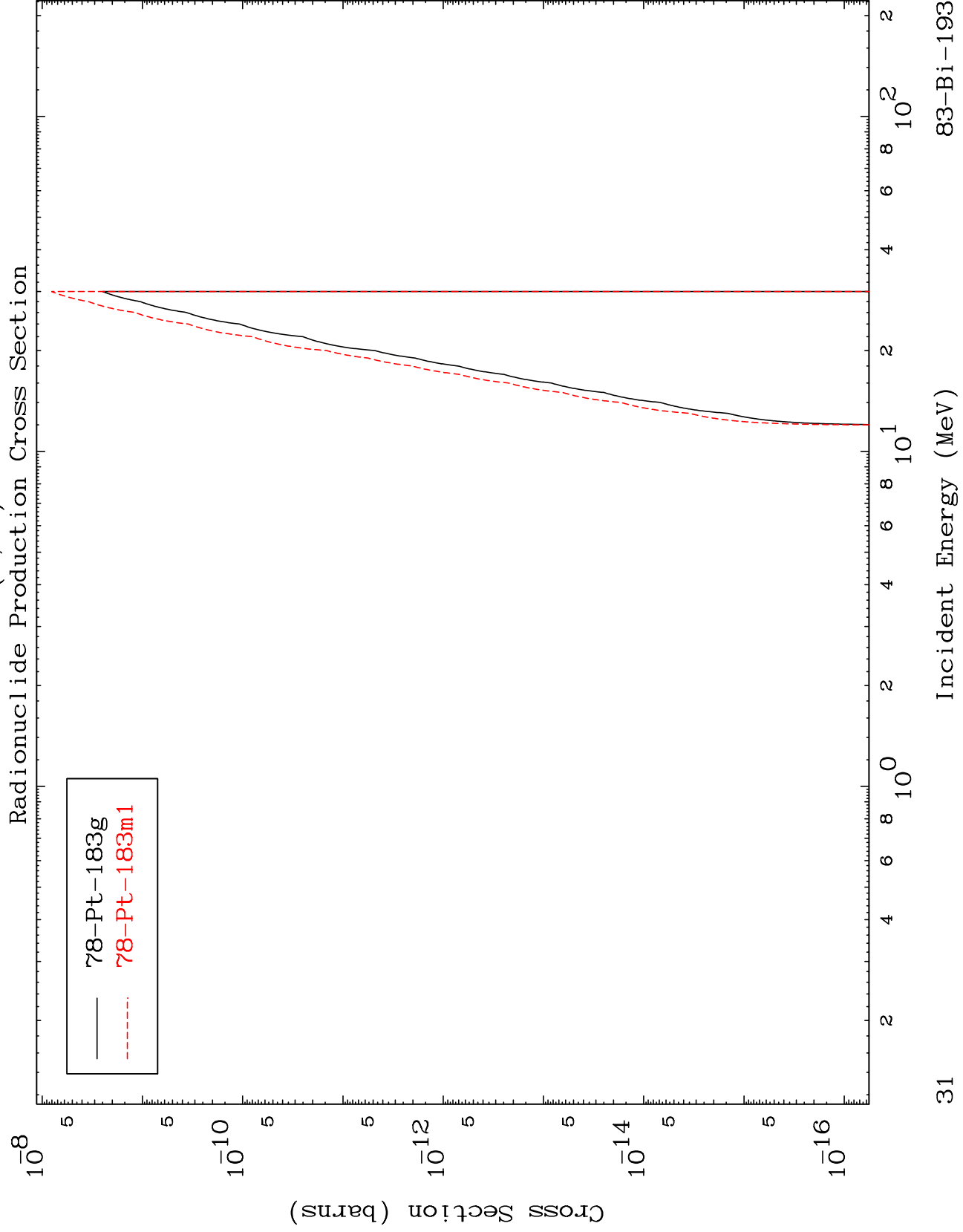
Incident Energy (MeV)

83-Bi-193

MAT 8277

(n, 3 α)

83-Bi-193

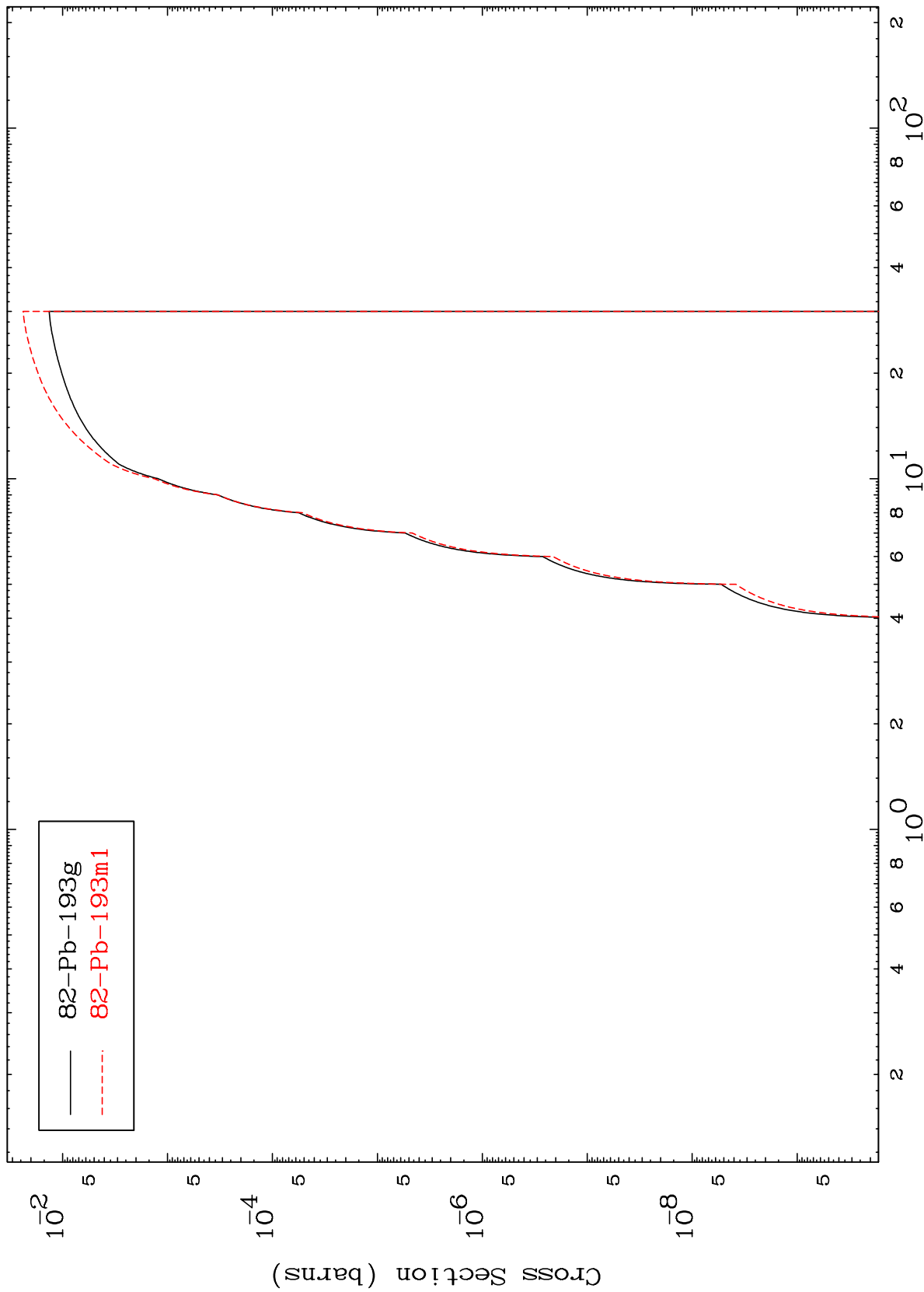


MAT 8277

83-Bi-193

(n,2p)

Radionuclide Production Cross Section



32

83-Bi-193

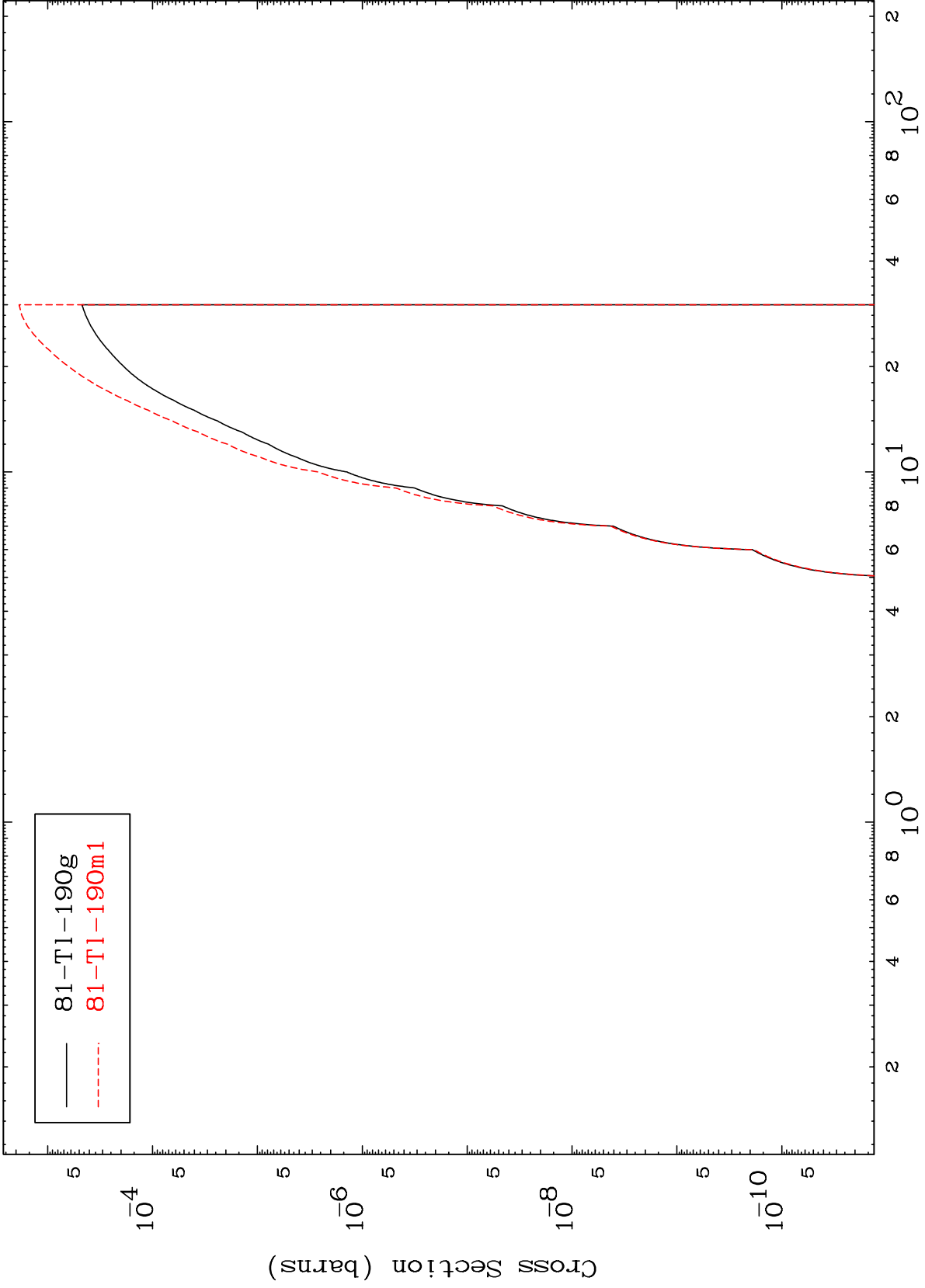
Incident Energy (MeV)

MAT 8277

(n,p) α

83-Bi-193

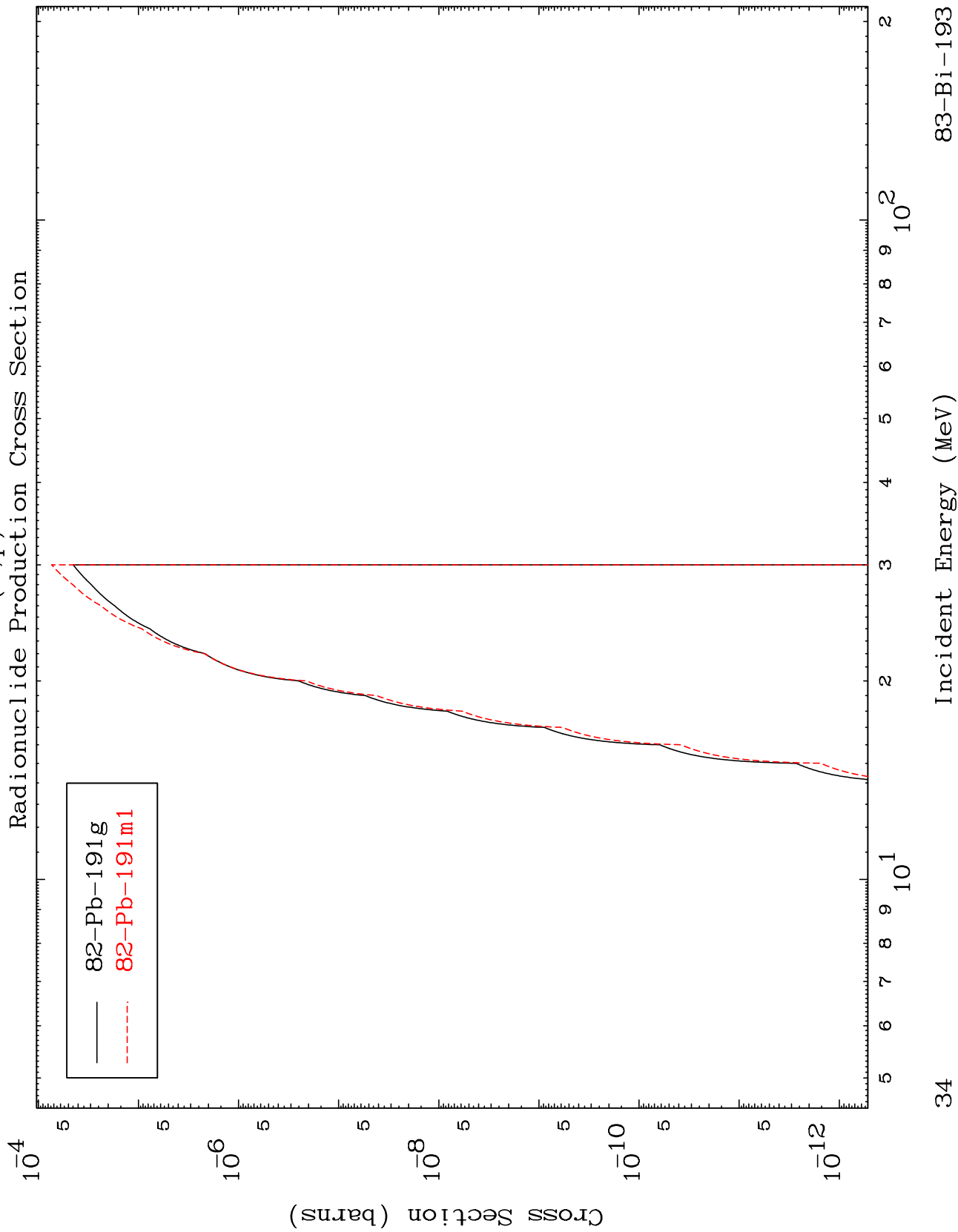
Radionuclide Production Cross Section



MAT 8277

(n,p) t

83-Bi-193

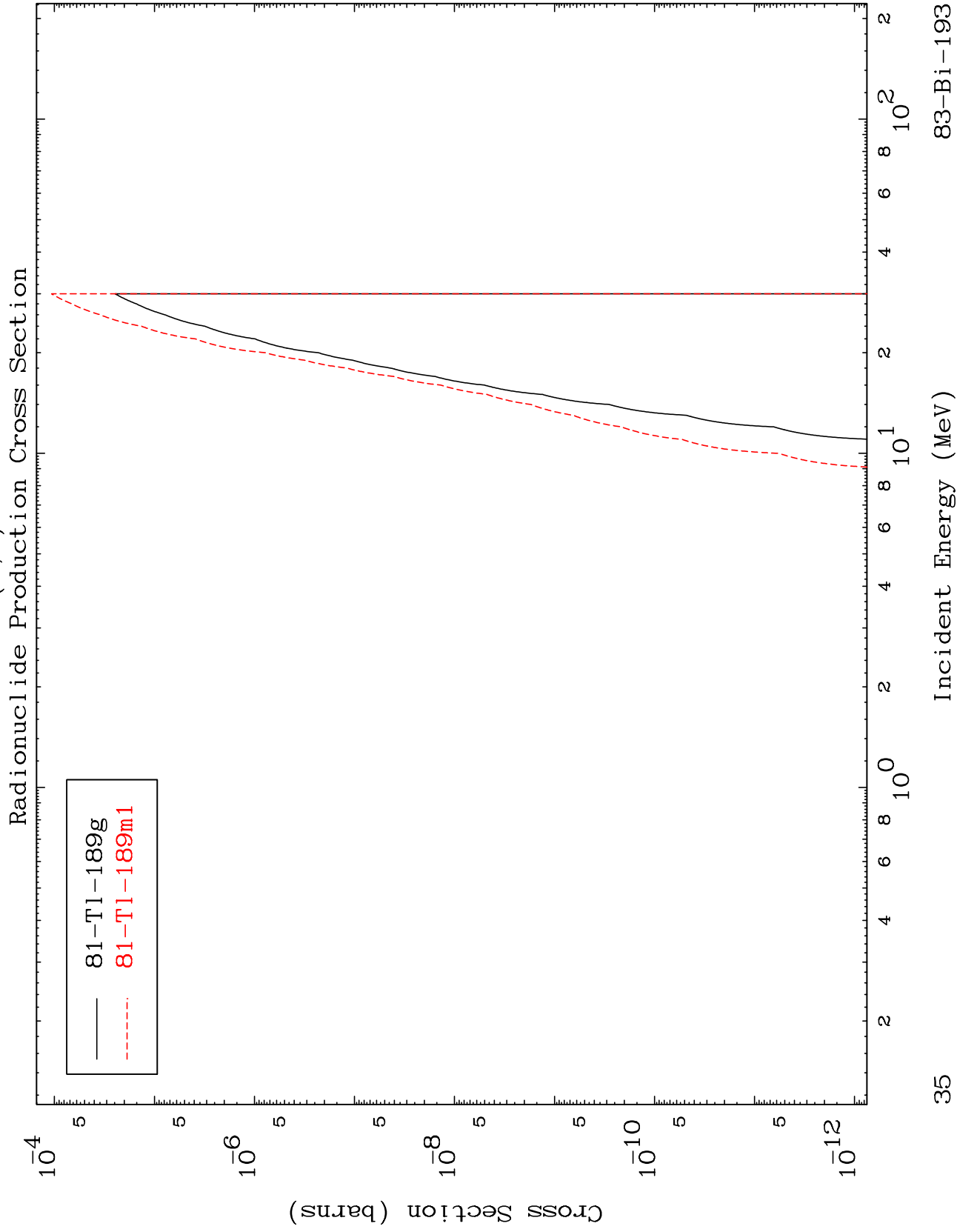


34

MAT 8277

(n,d) α

83-Bi-193



35