

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

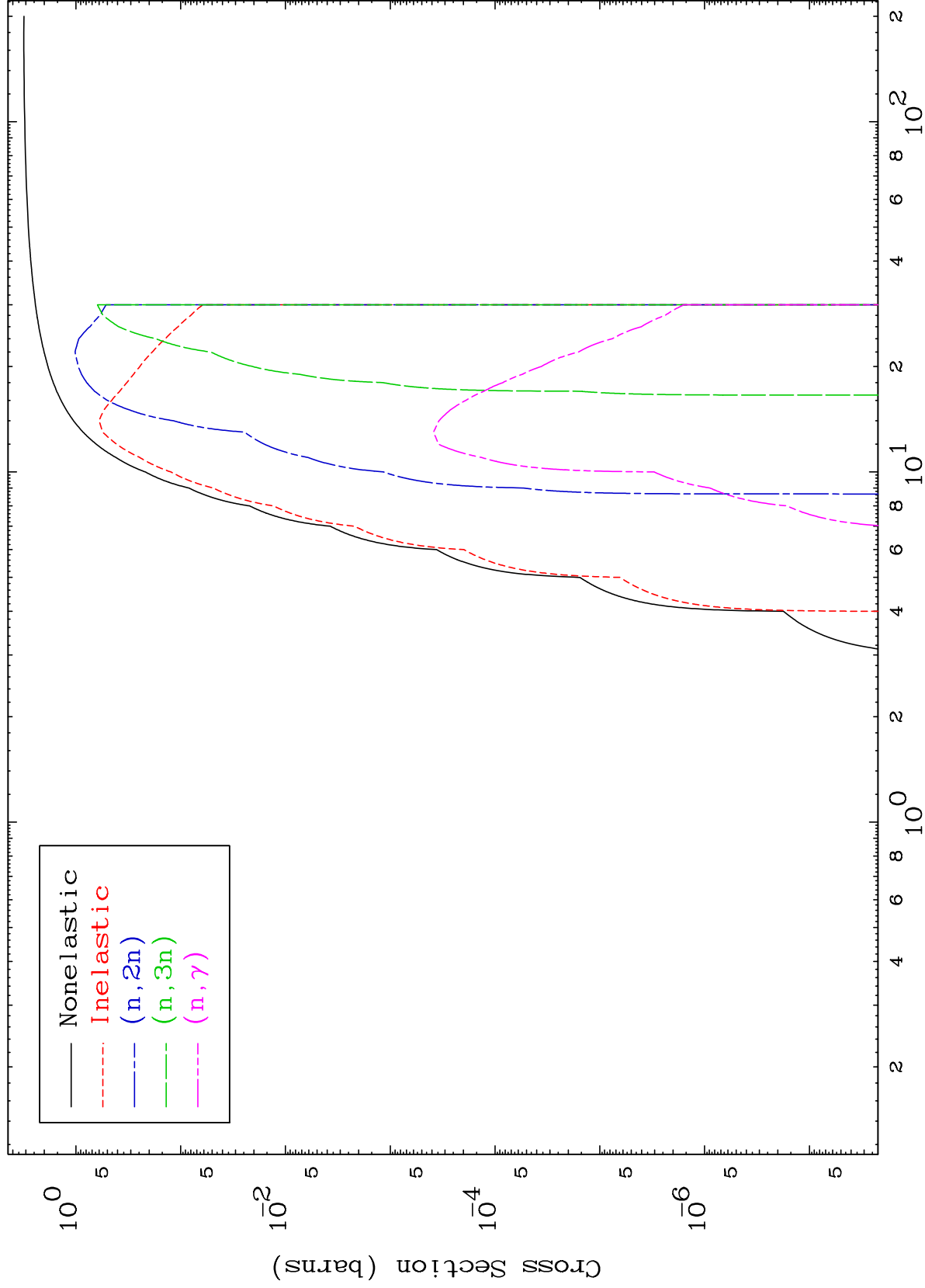
Press Mouse Button to Start

MAT 8295

Deuteron Major

83-Bi-199

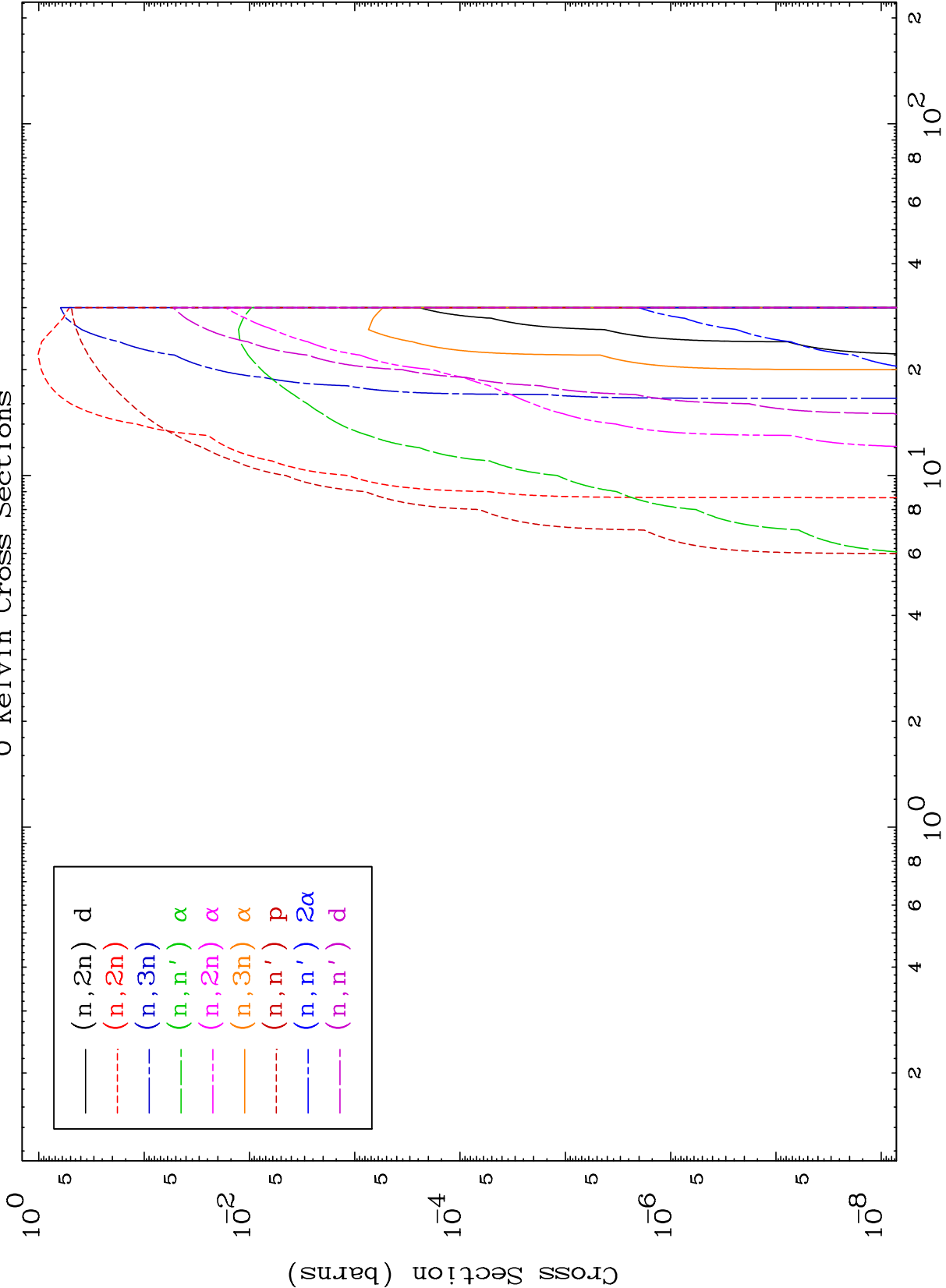
0 Kelvin Cross Sections

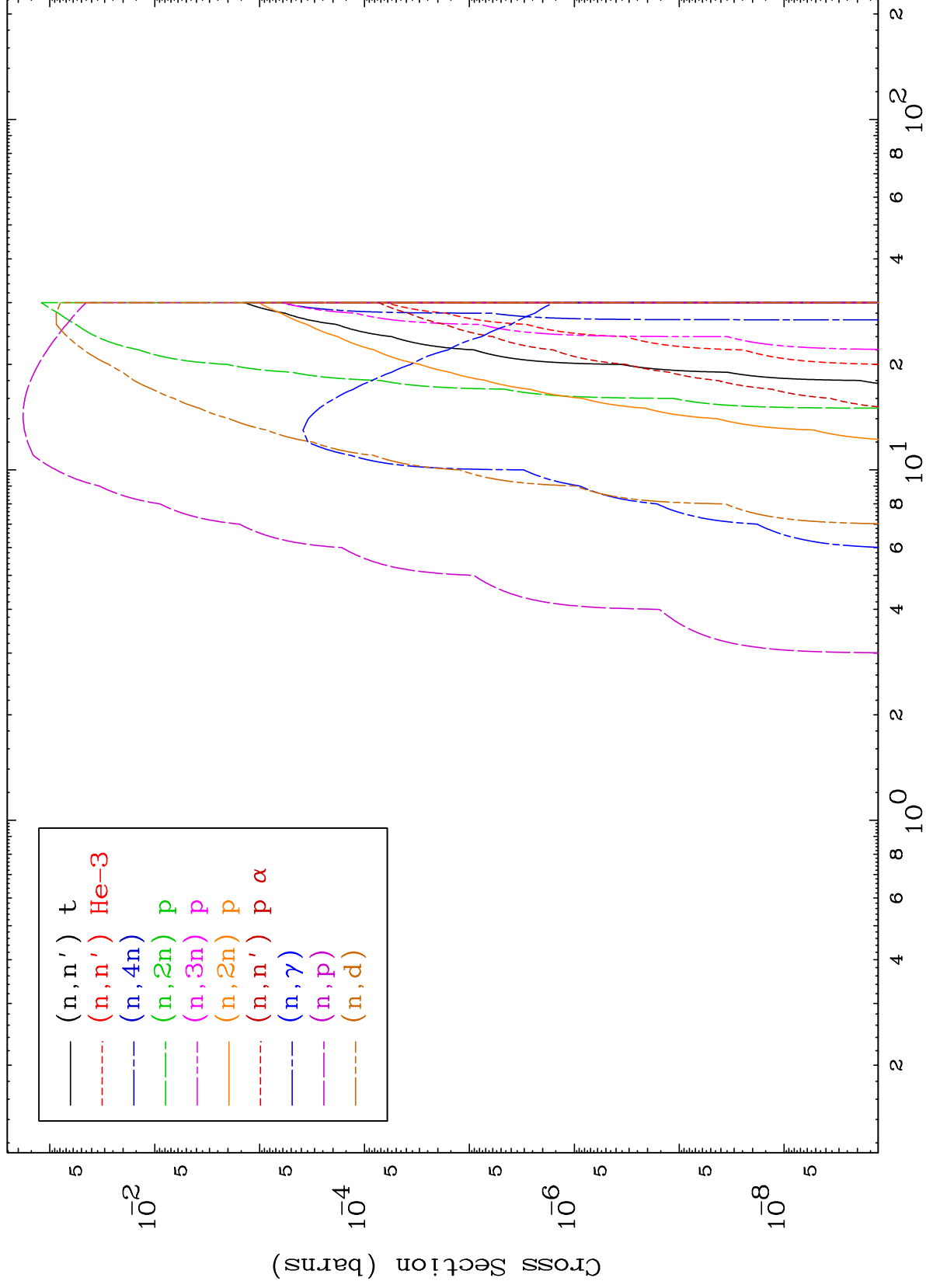


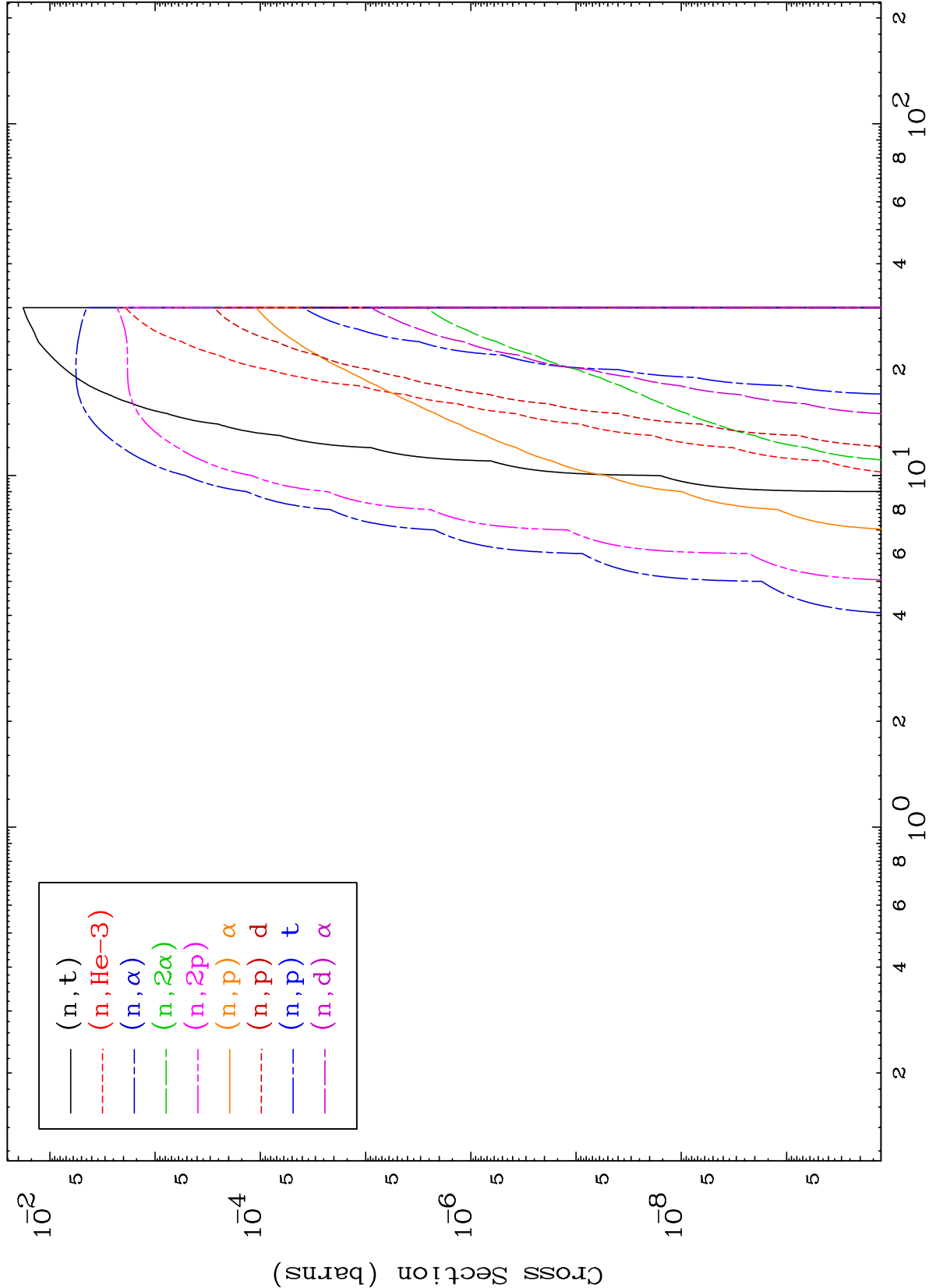
1

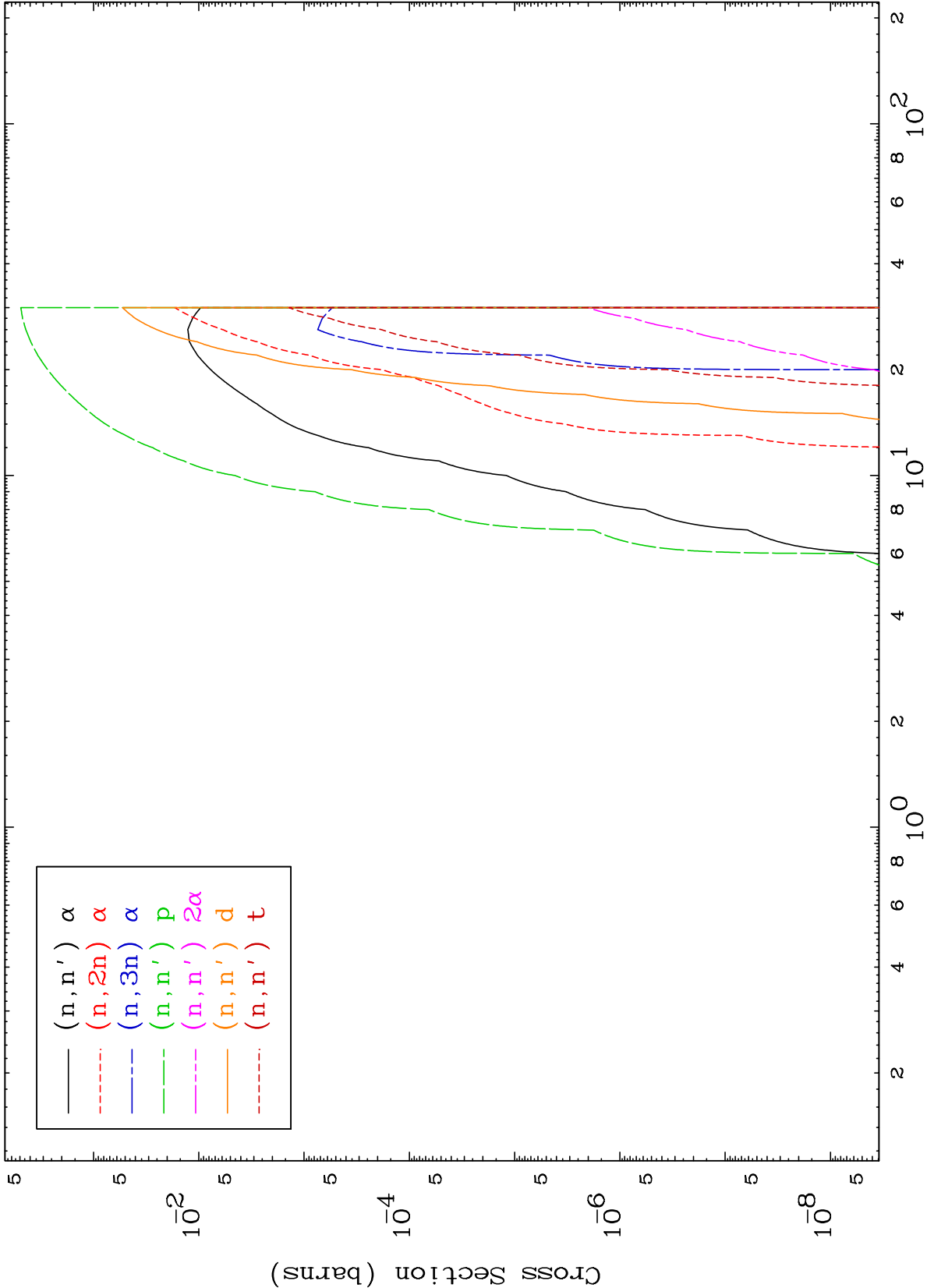
Incident Energy (MeV)

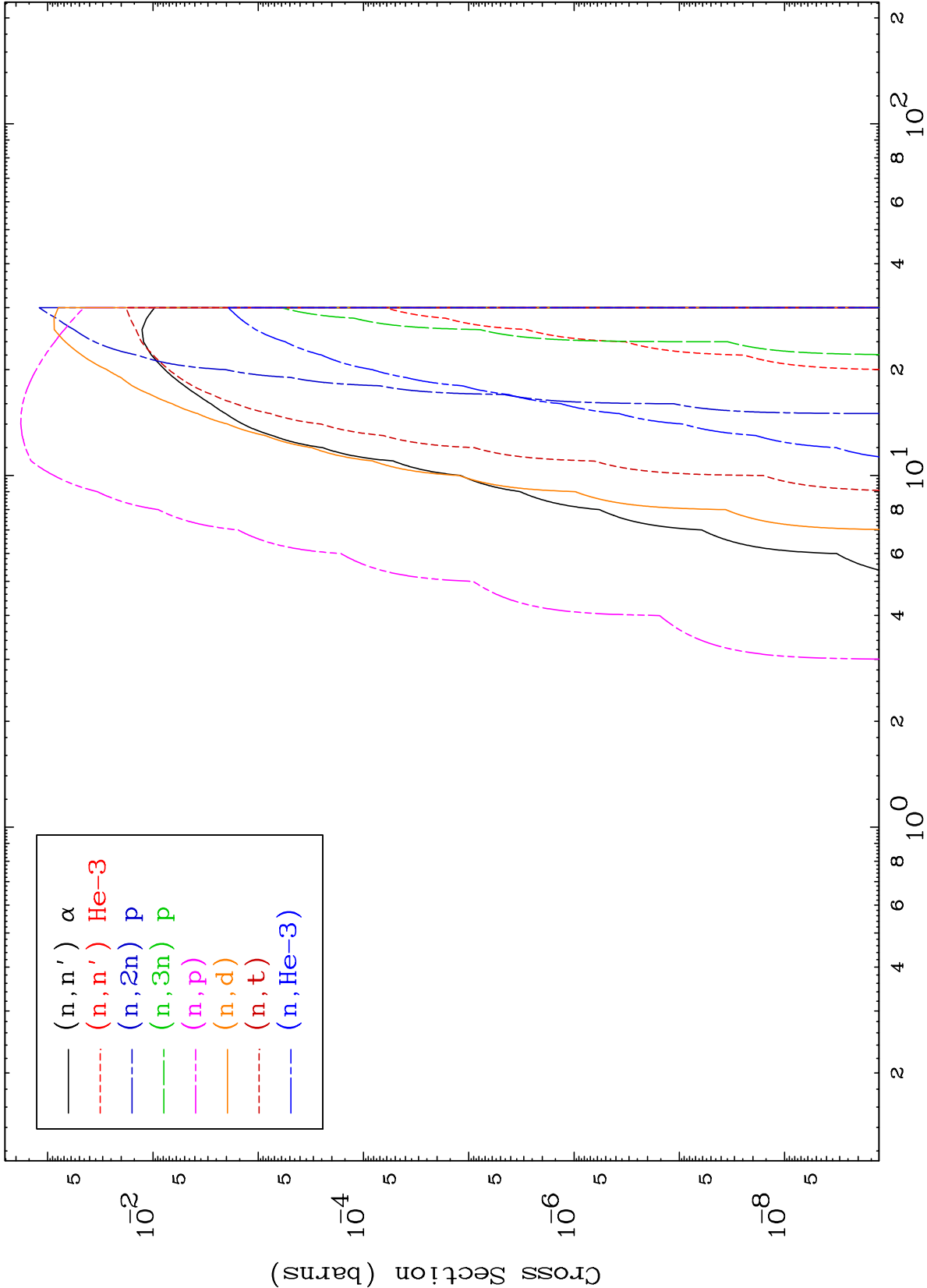
83-Bi-199

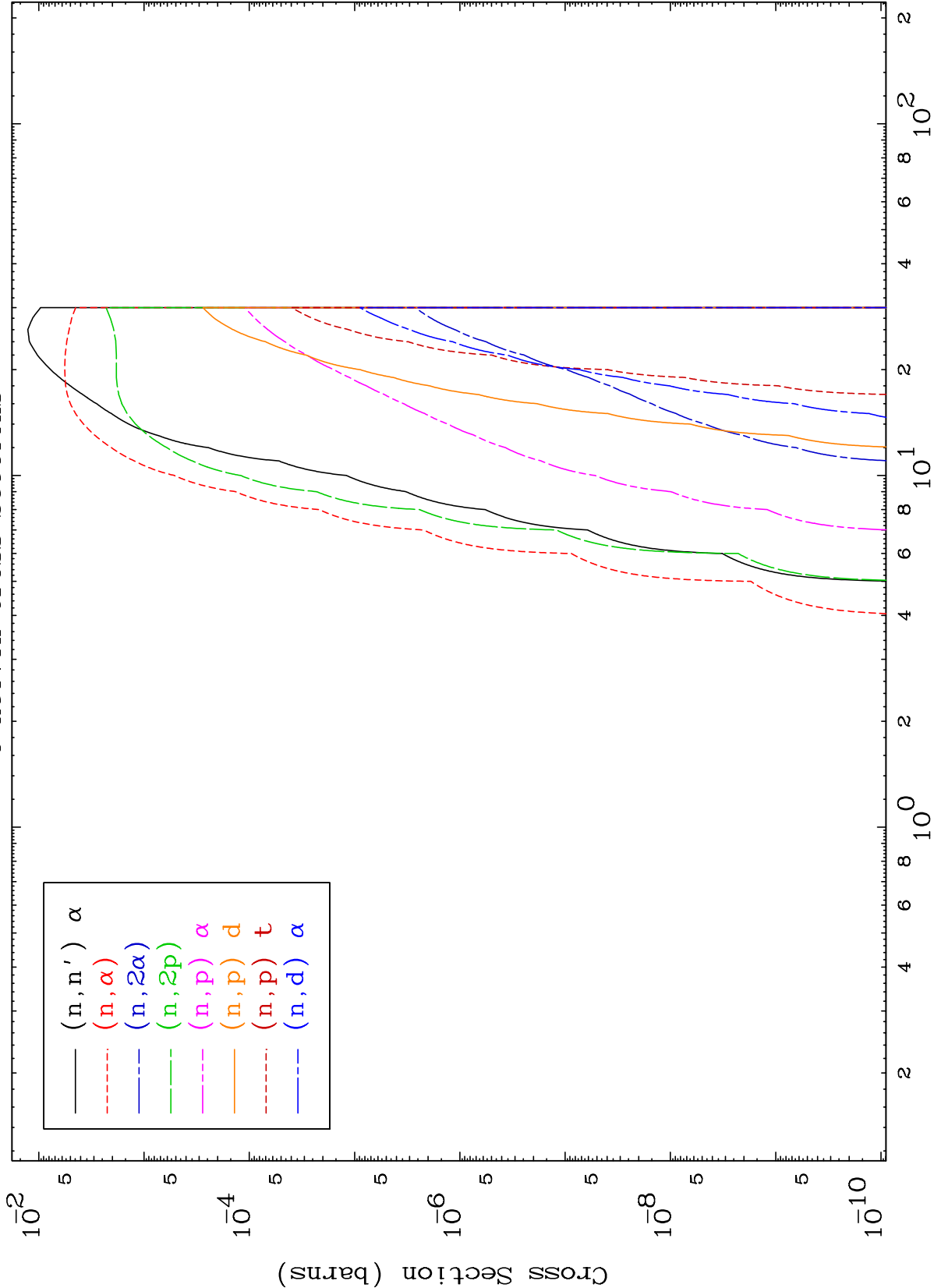








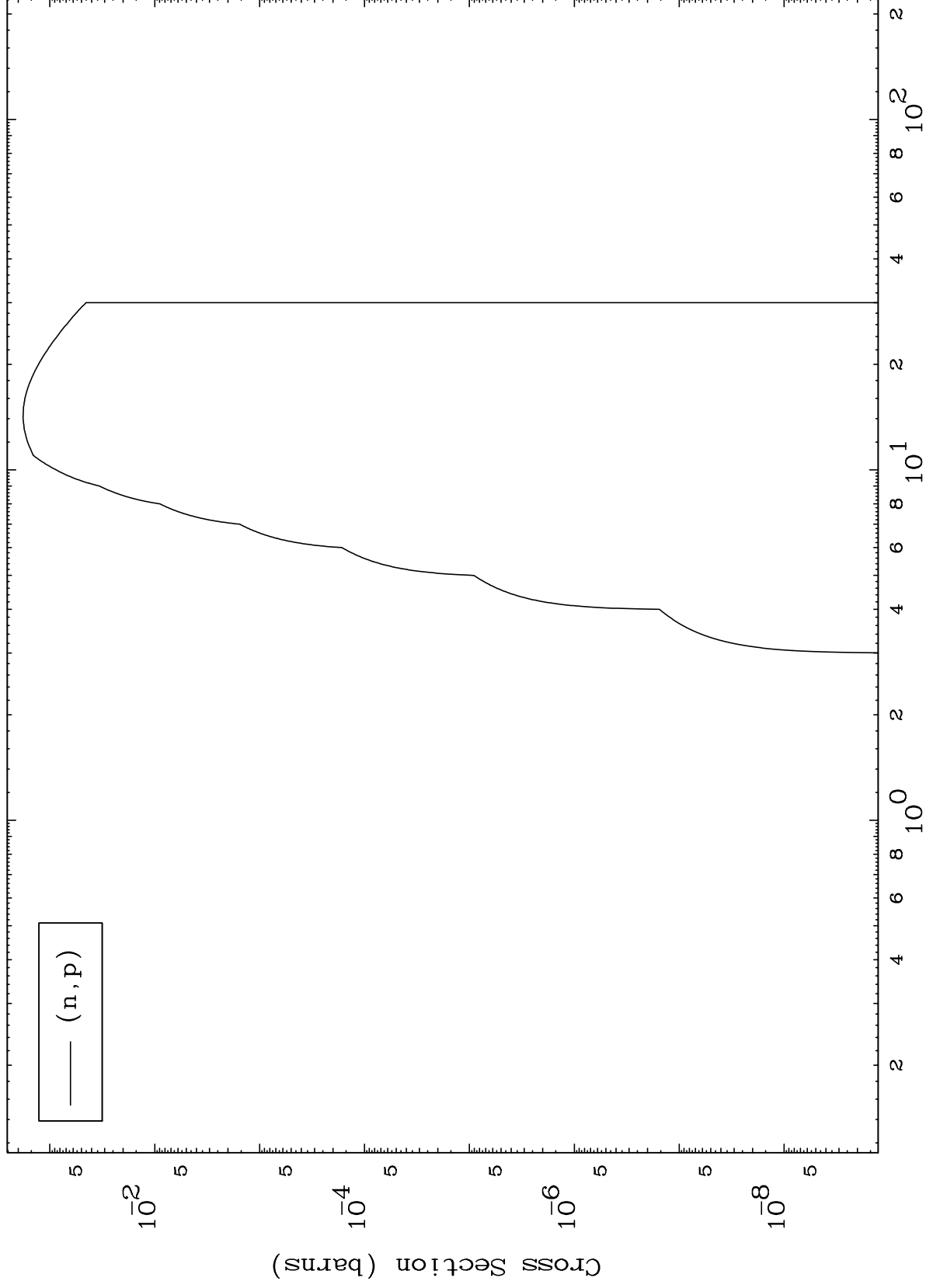




MAT 8295

83-Bi-199

(d,p) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

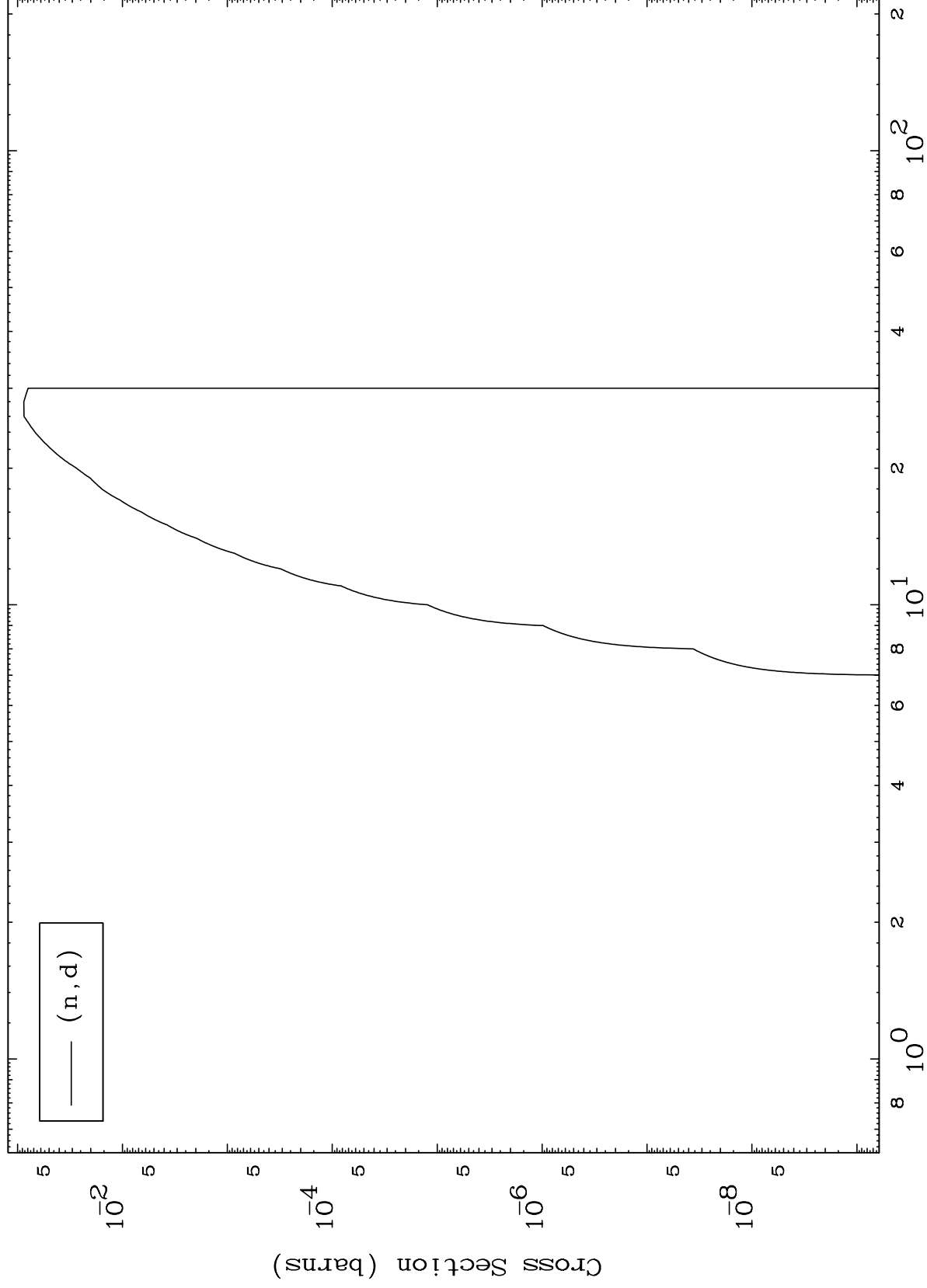
83-Bi-199

MAT 8295

(d,d) Levels

83-Bi-199

0 Kelvin Cross Sections



9

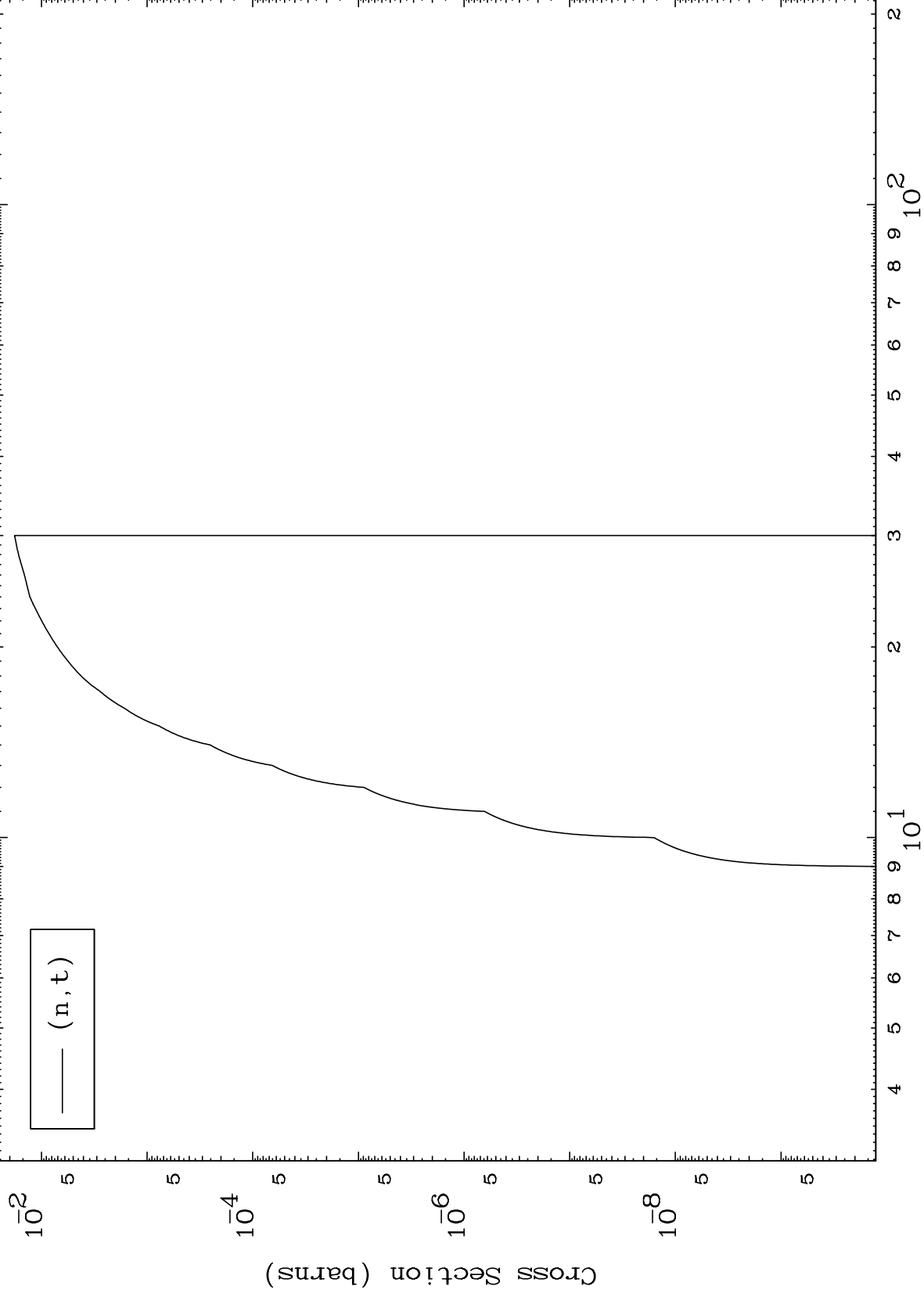
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(d,t) Levels
0 Kelvin Cross Sections

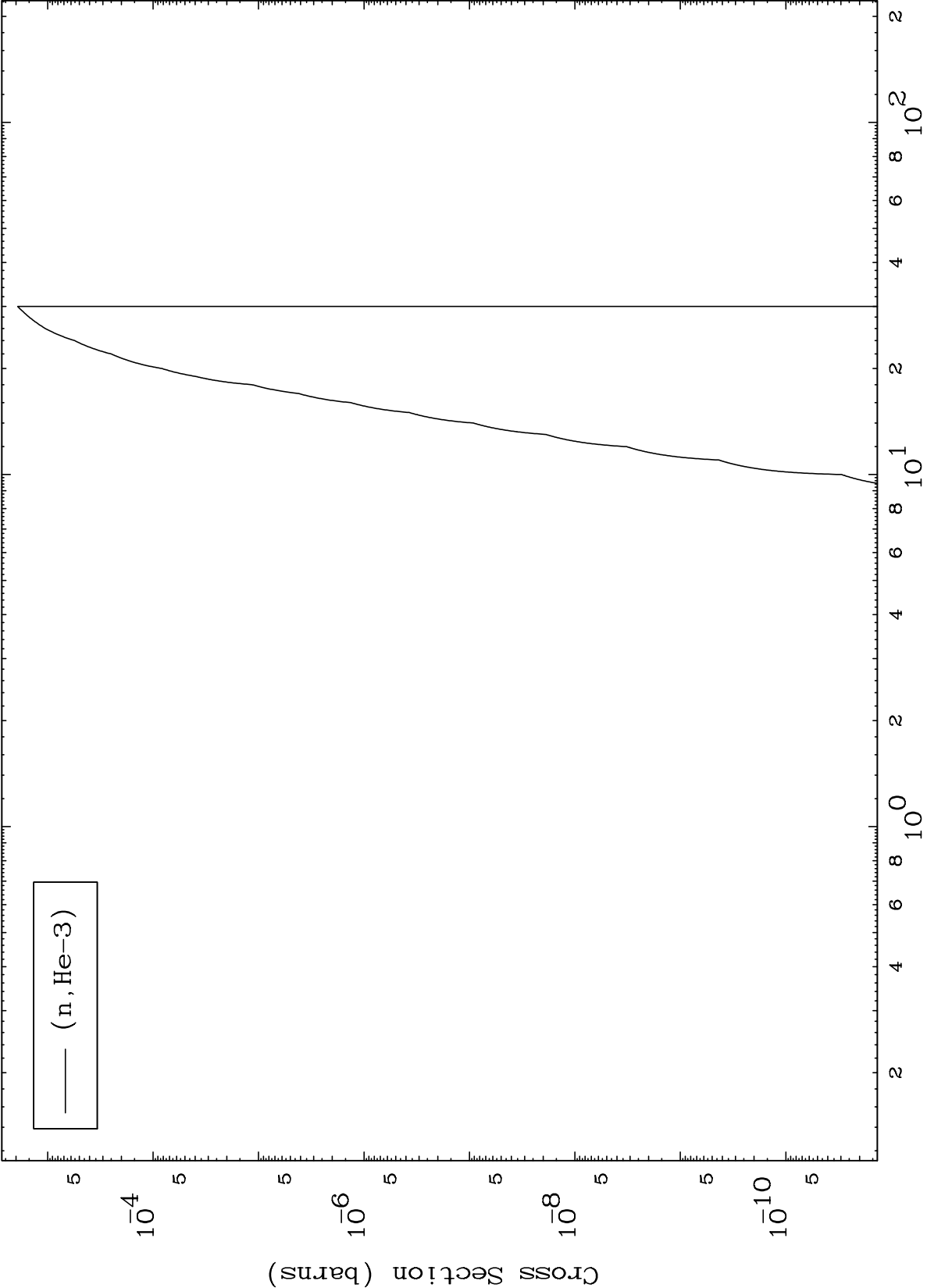


10

Incident Energy (MeV)

83-Bi-199

0 Kelvin Cross Sections

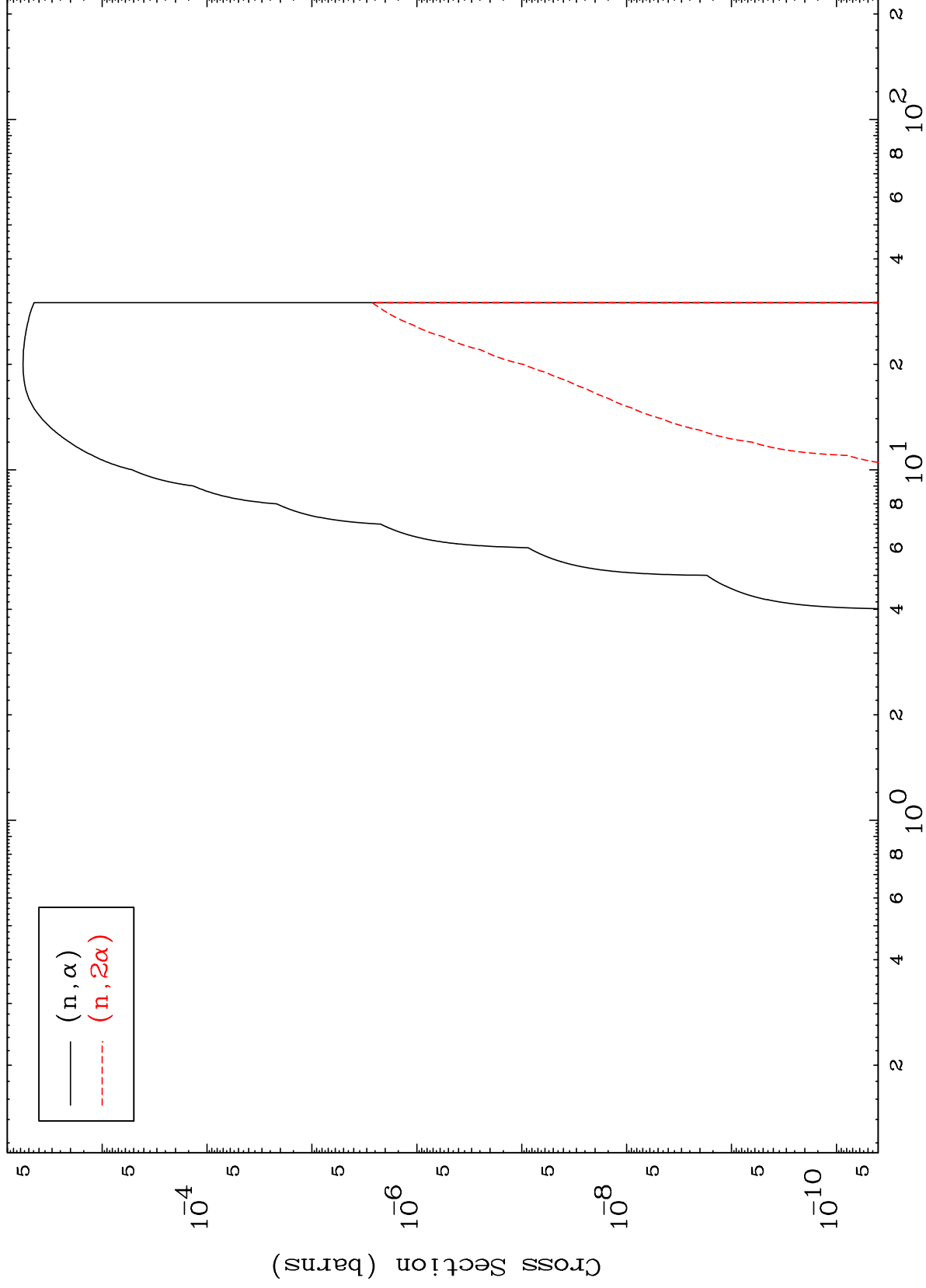


— (n, He-3)

MAT 8295

83-Bi-199

(d, α) Levels
0 Kelvin Cross Sections

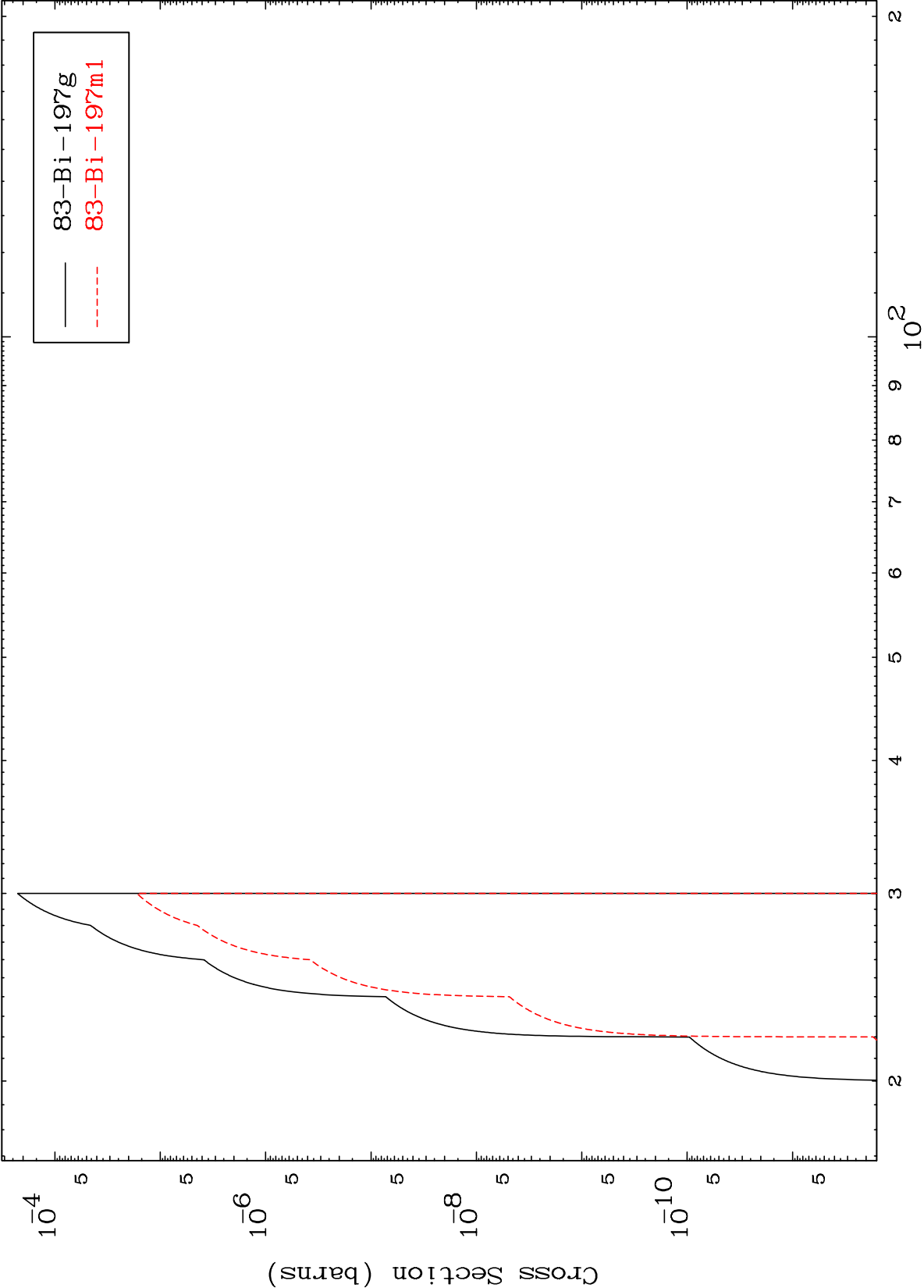


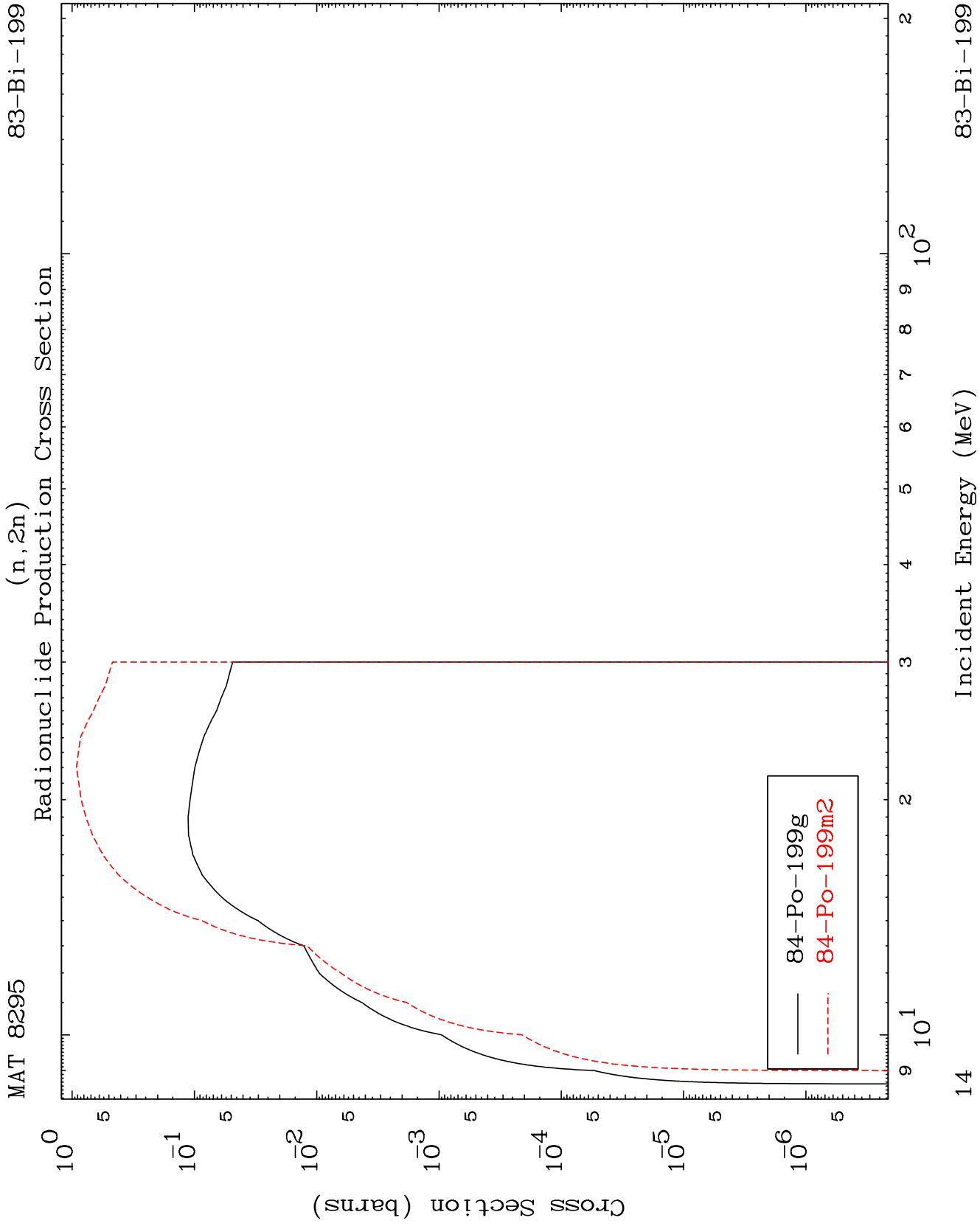
12

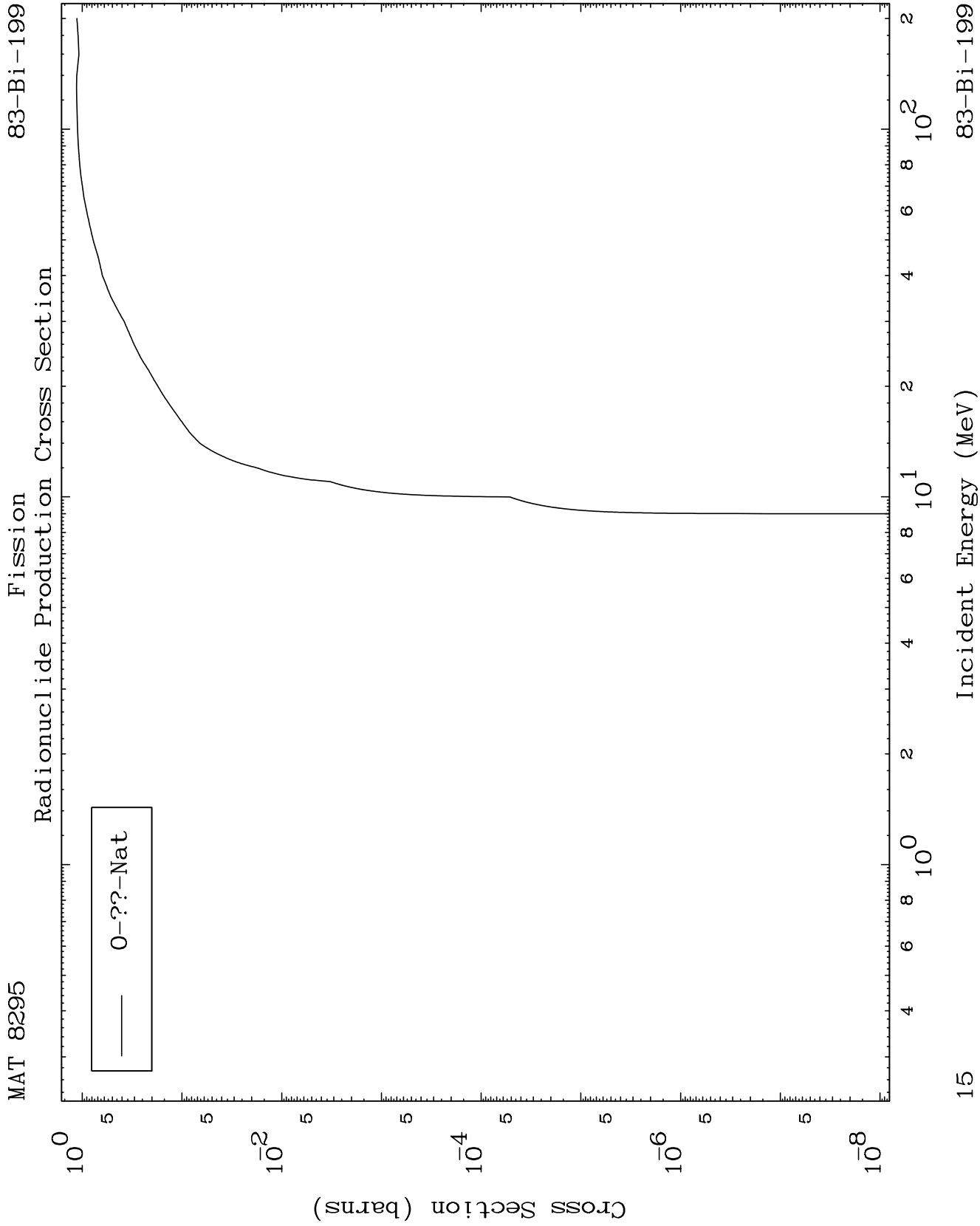
Incident Energy (MeV)

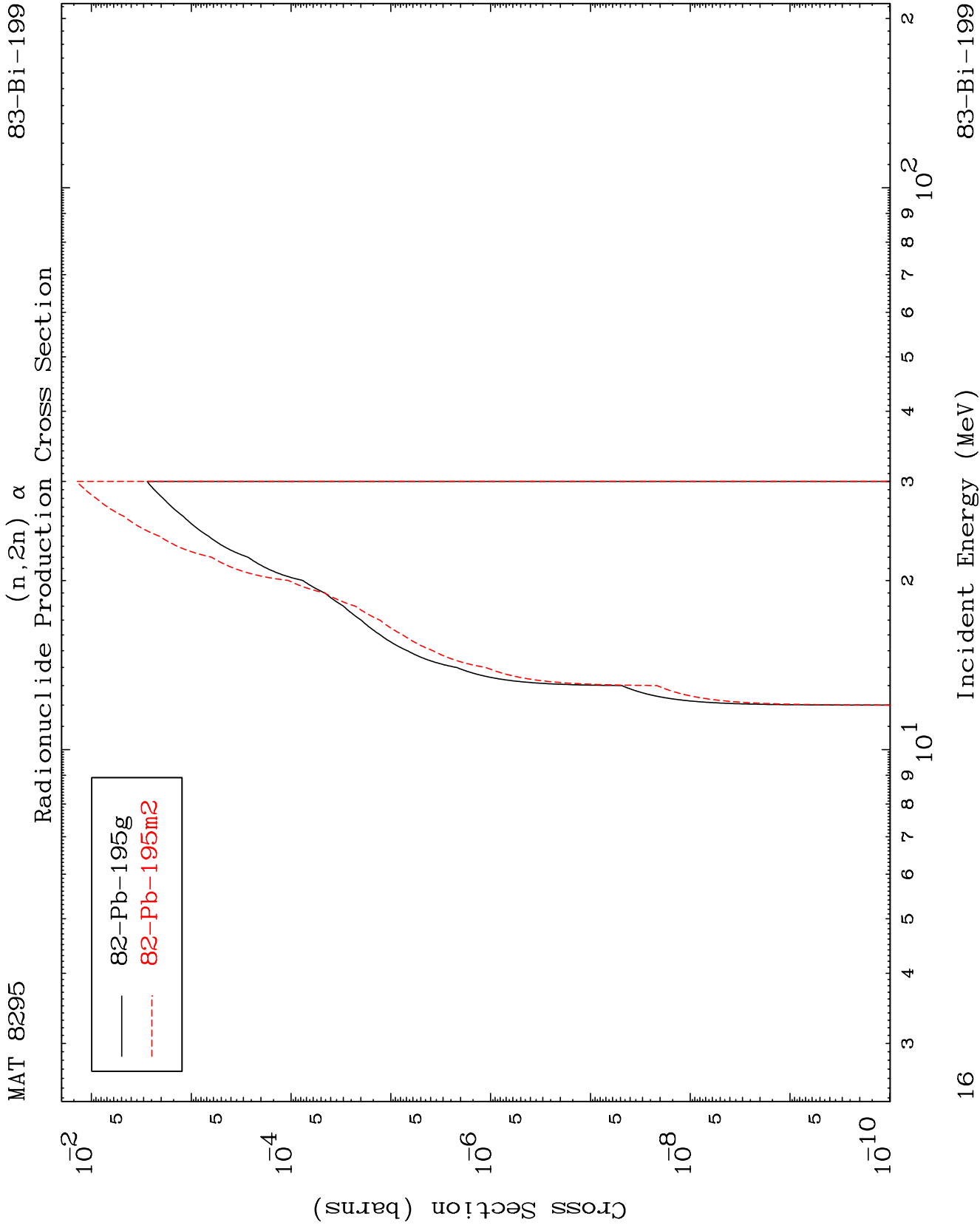
83-Bi-199

Radionuclide Production Cross Section

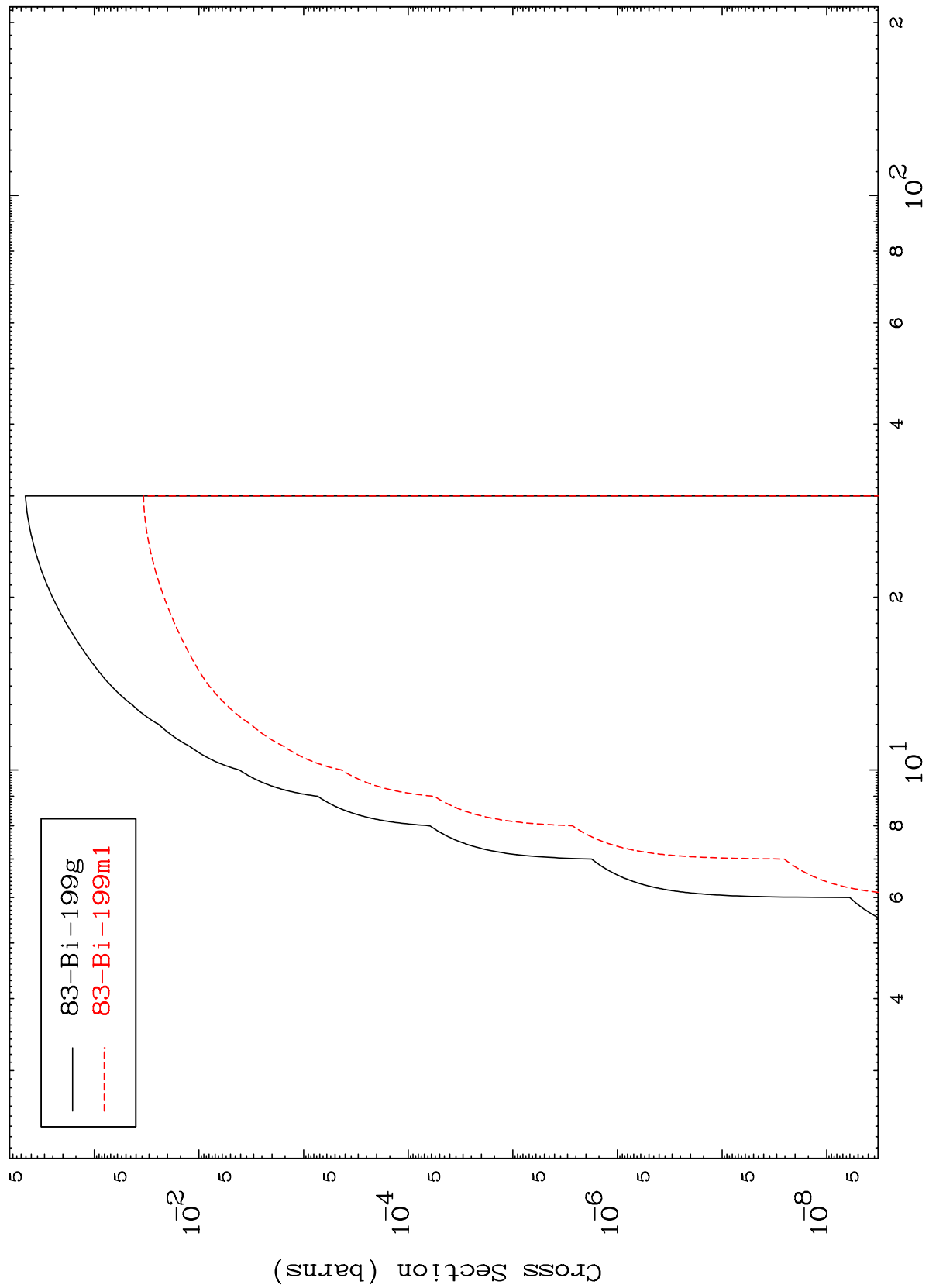








Radionuclide Production Cross Section
(n,n') p

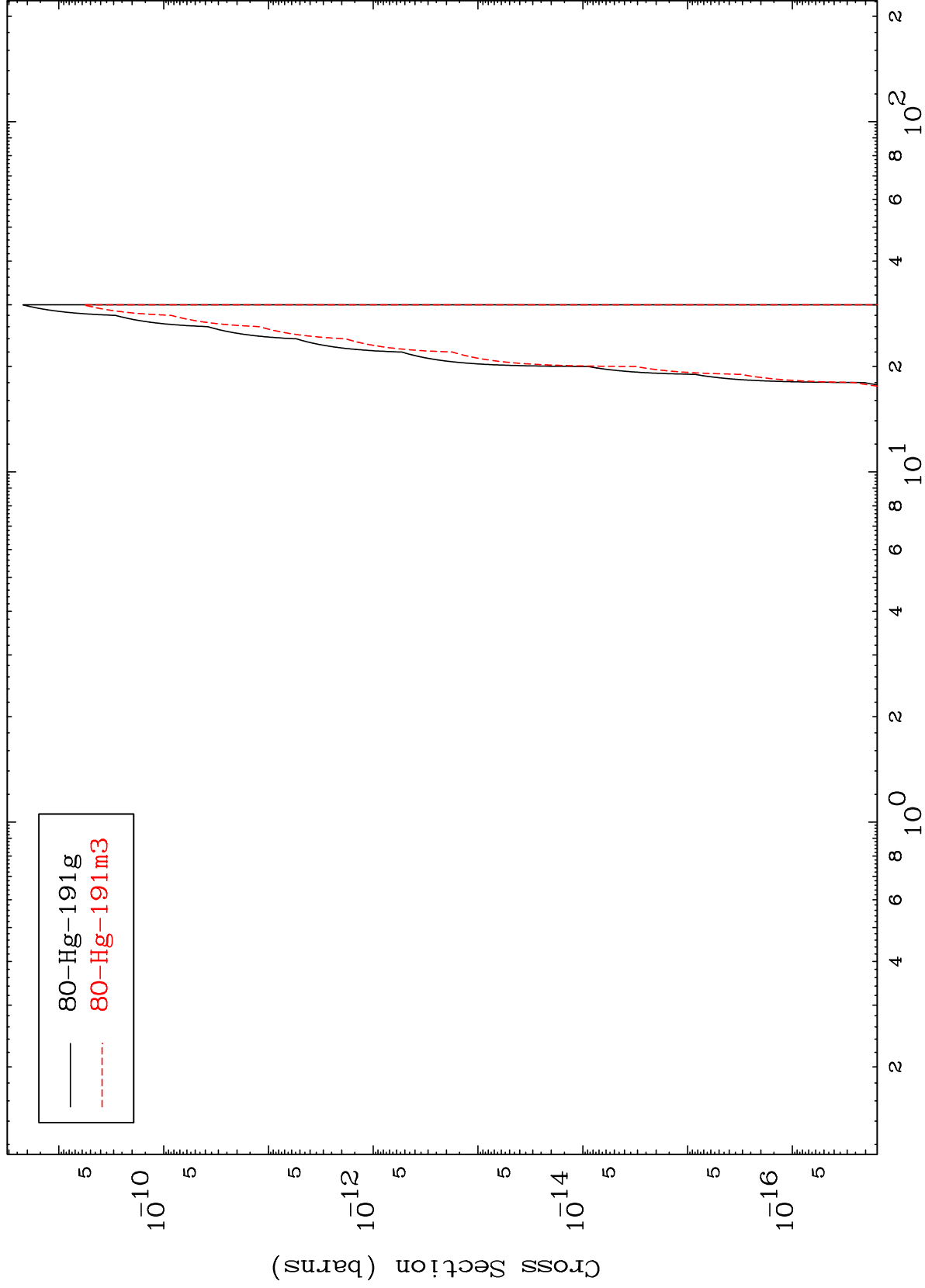


MAT 8295

83-Bi-199

(n,2n) 2 α

Radionuclide Production Cross Section



18

Incident Energy (MeV)

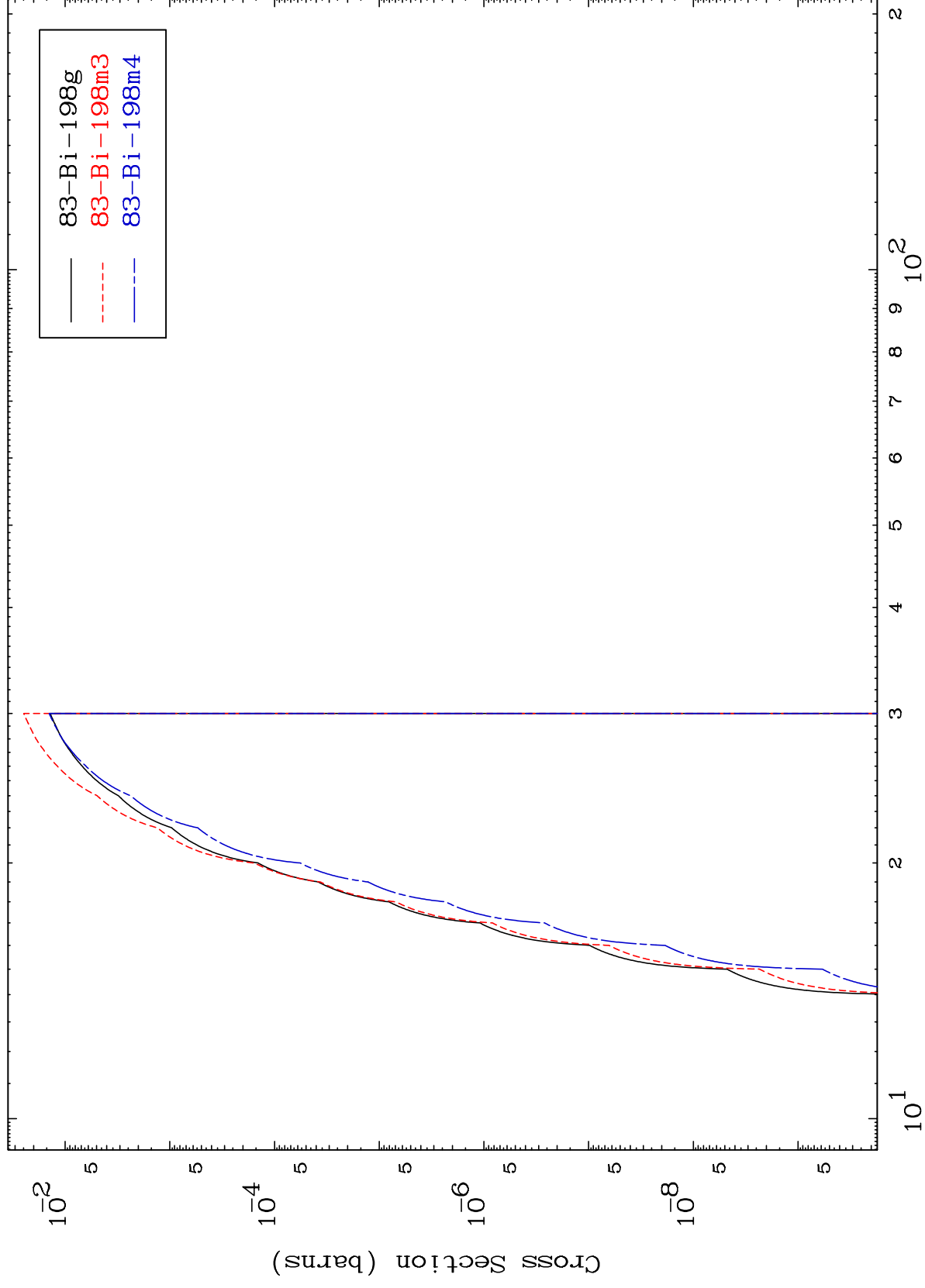
83-Bi-199

MAT 8295

 (n, n') d

83-Bi-199

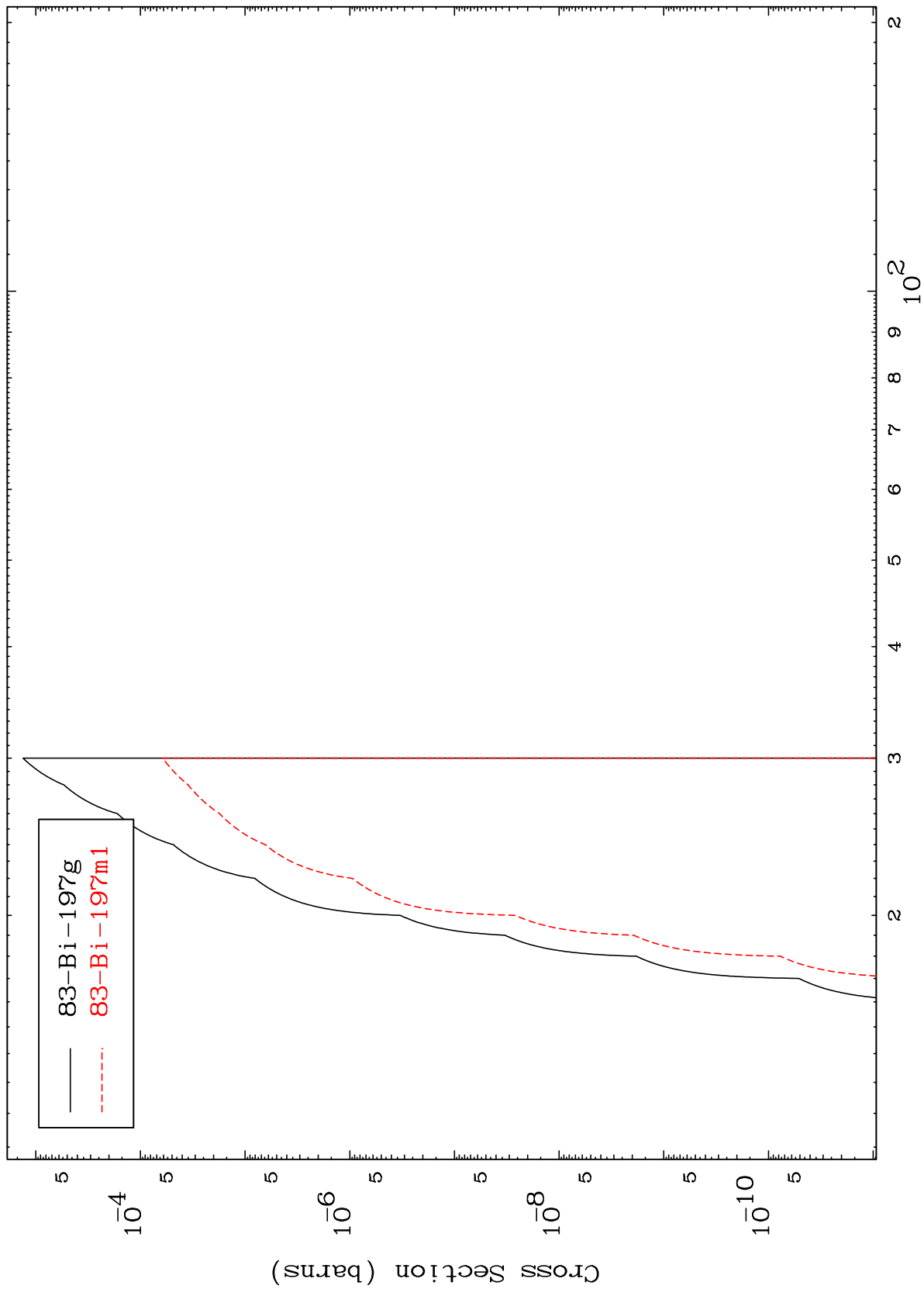
Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-199

Radionuclide Production Cross Section
(n,n') t

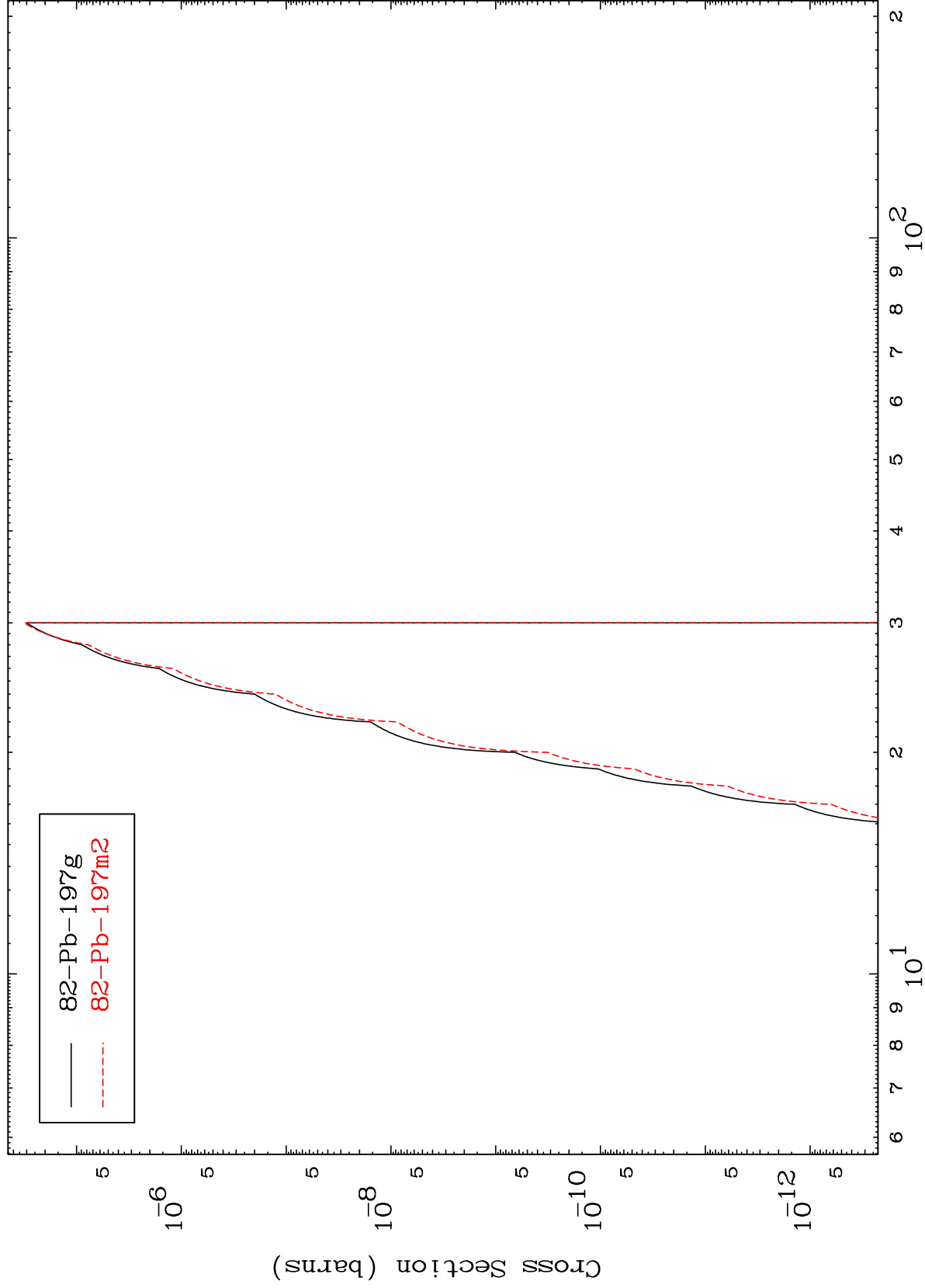


MAT 8295

(n,n') He-3

83-Bi-199

Radionuclide Production Cross Section



21

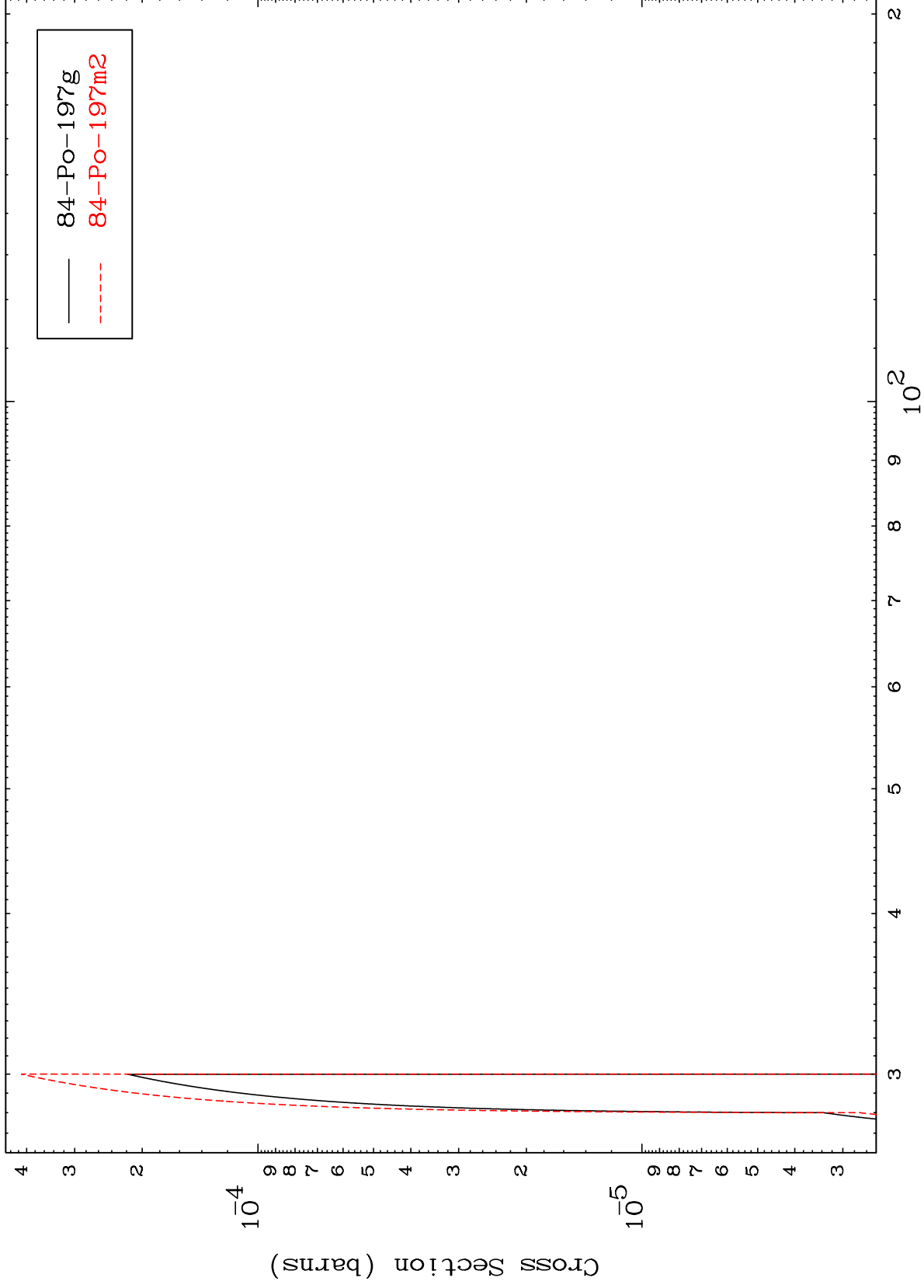
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

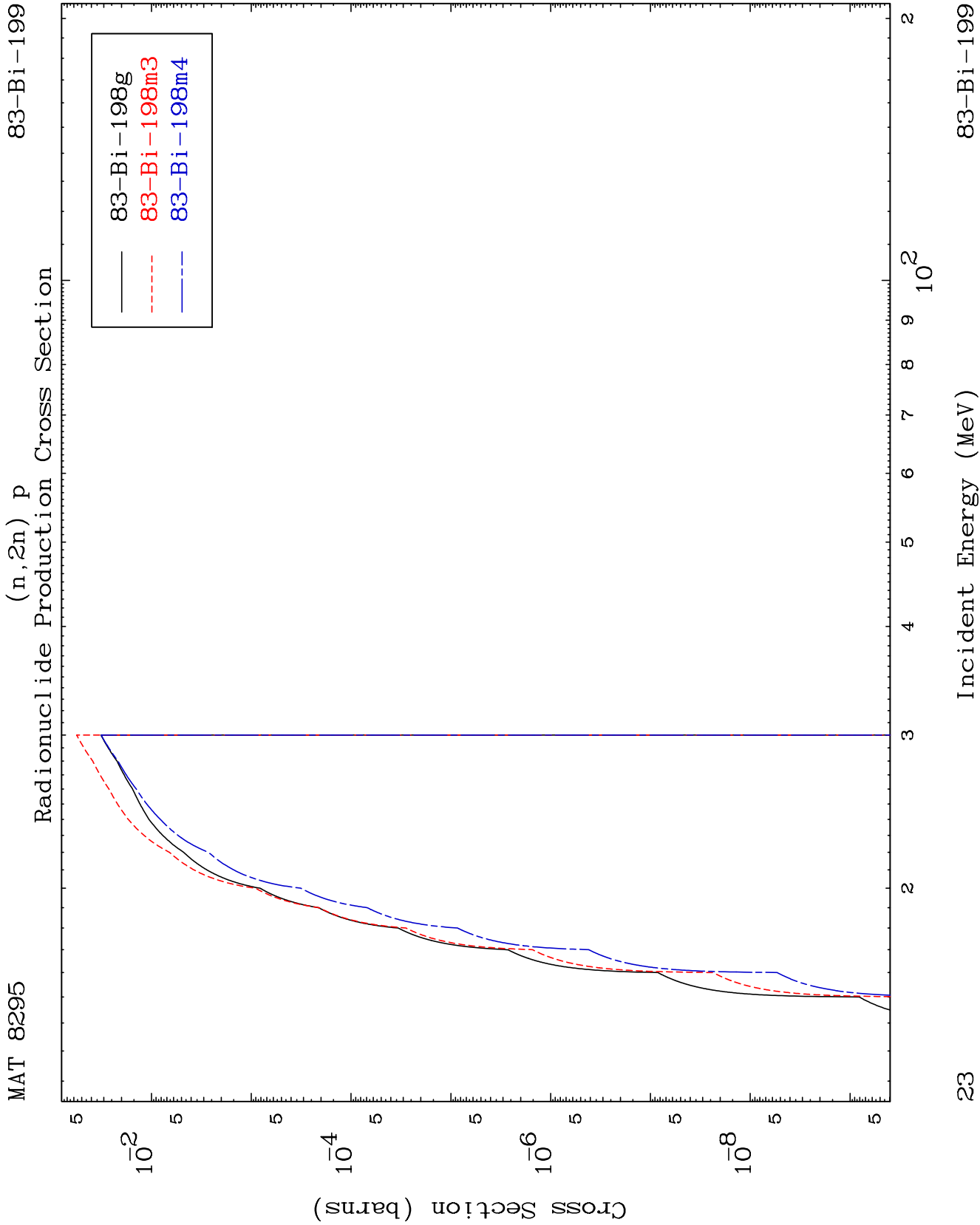
$(n,4n)$
Radionuclide Production Cross Section



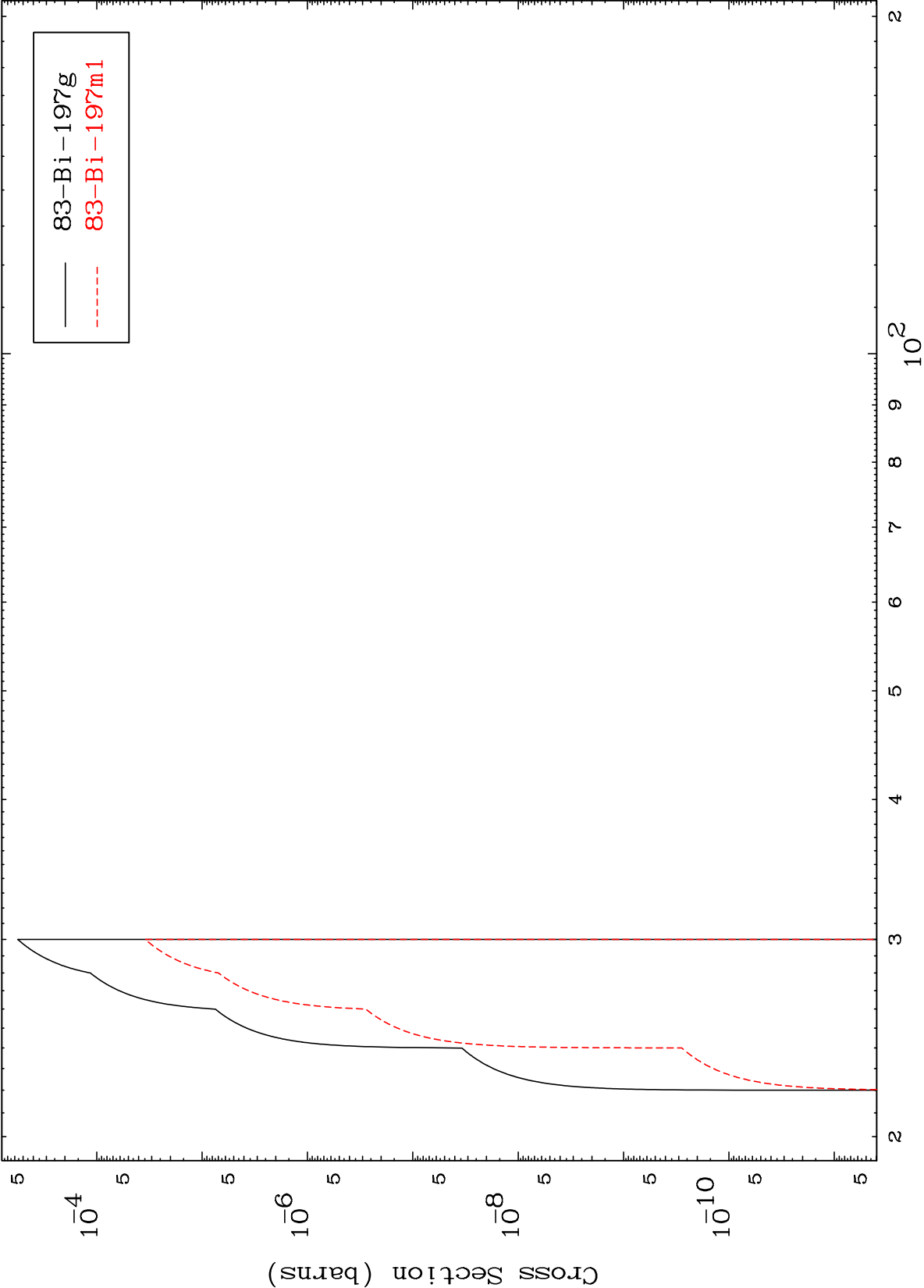
22

Incident Energy (MeV)

83-Bi-199



(n,3n) p
Radionuclide Production Cross Section

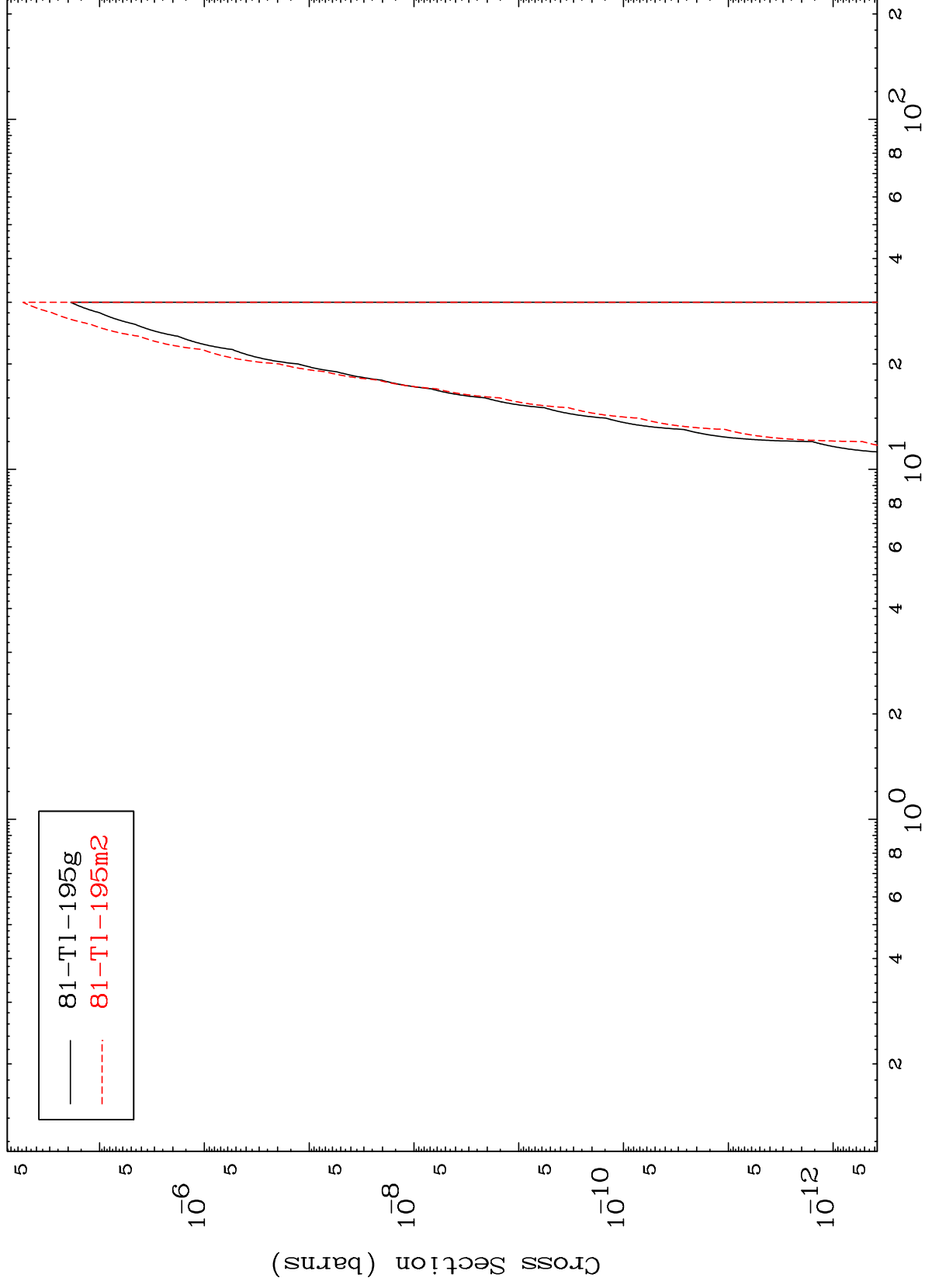


MAT 8295

(n,n') p α

83-Bi-199

Radionuclide Production Cross Section



25

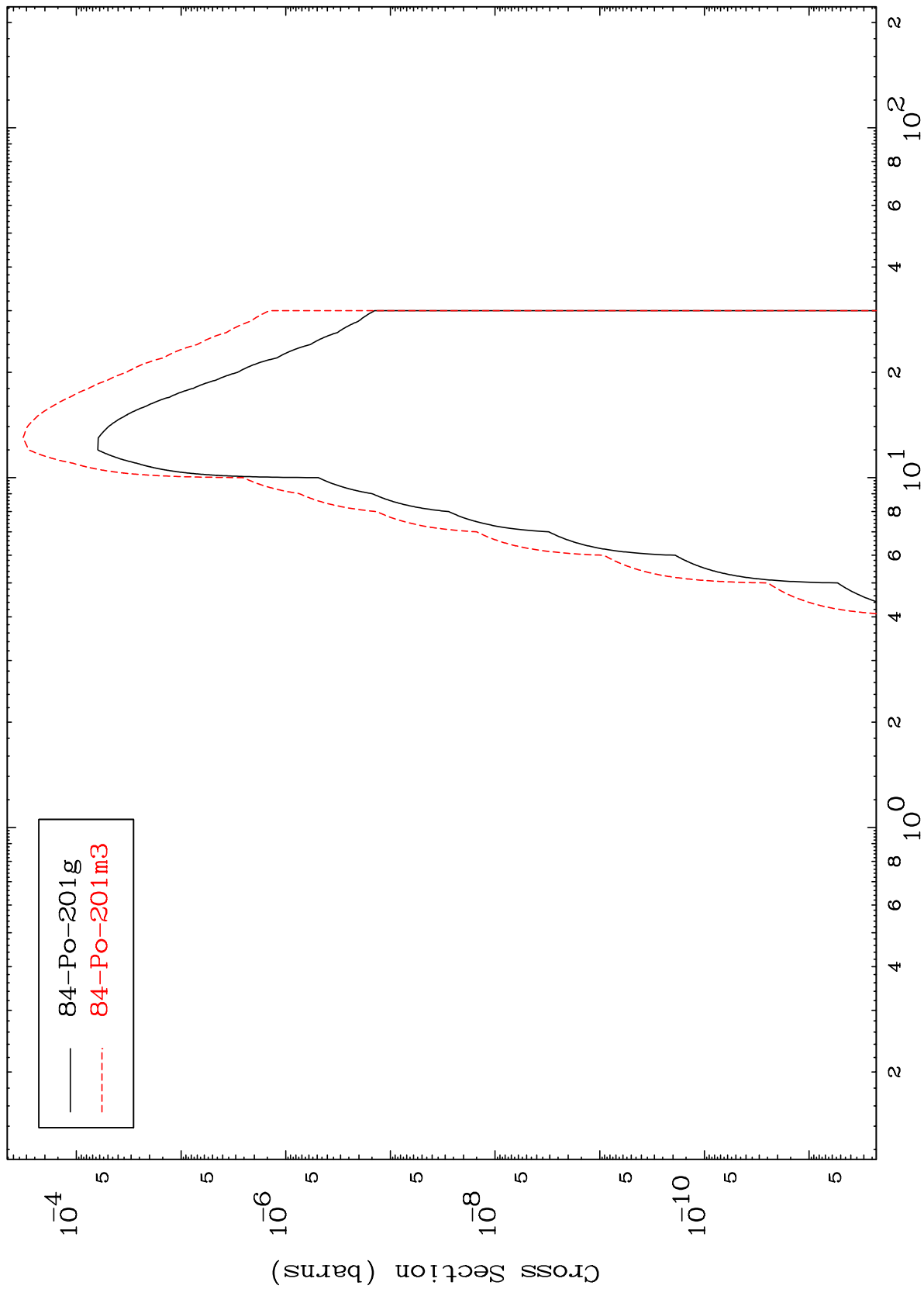
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

Radionuclide Production Cross Section
(n, γ)



26

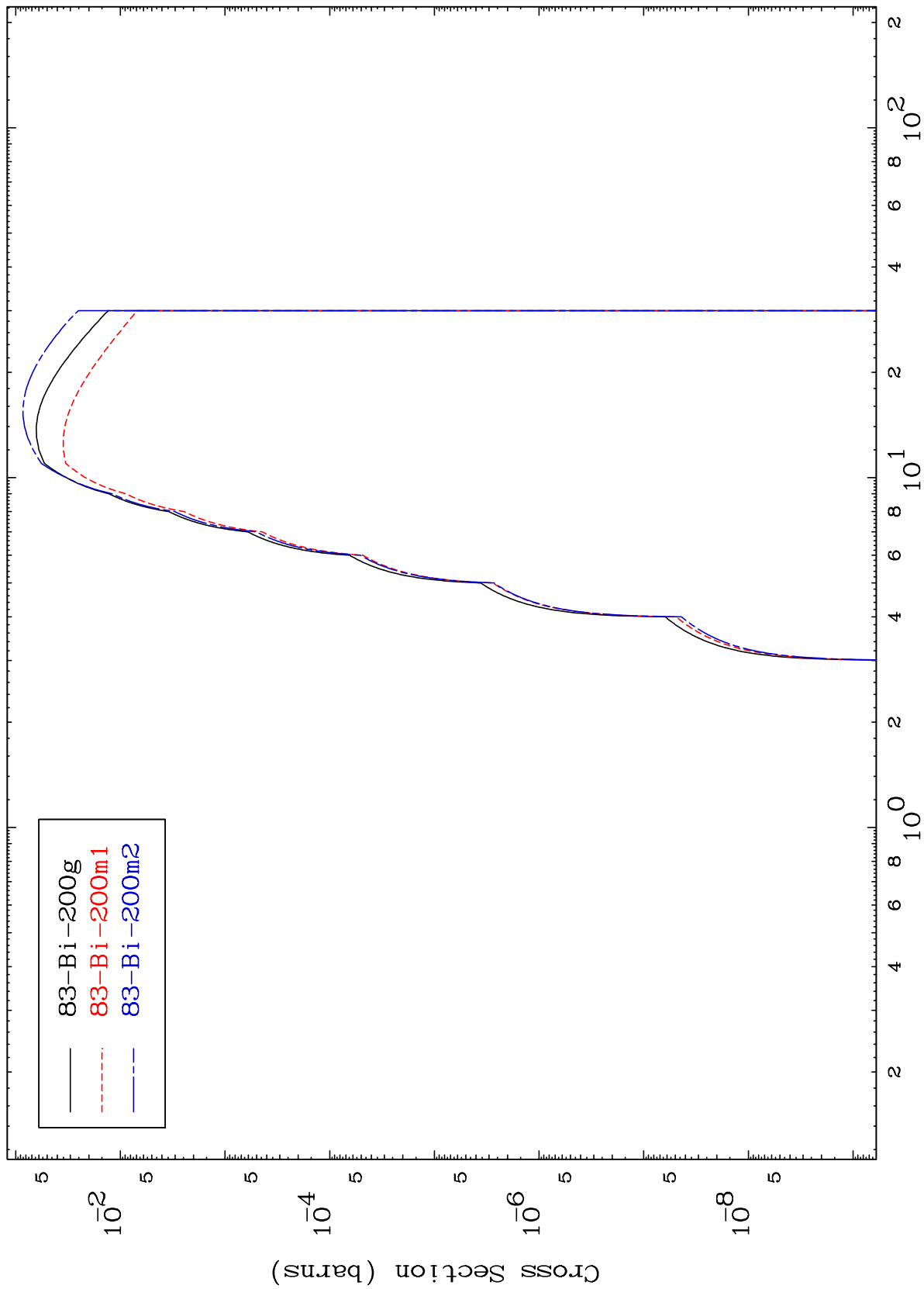
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(n,p)
Radionuclide Production Cross Section



27

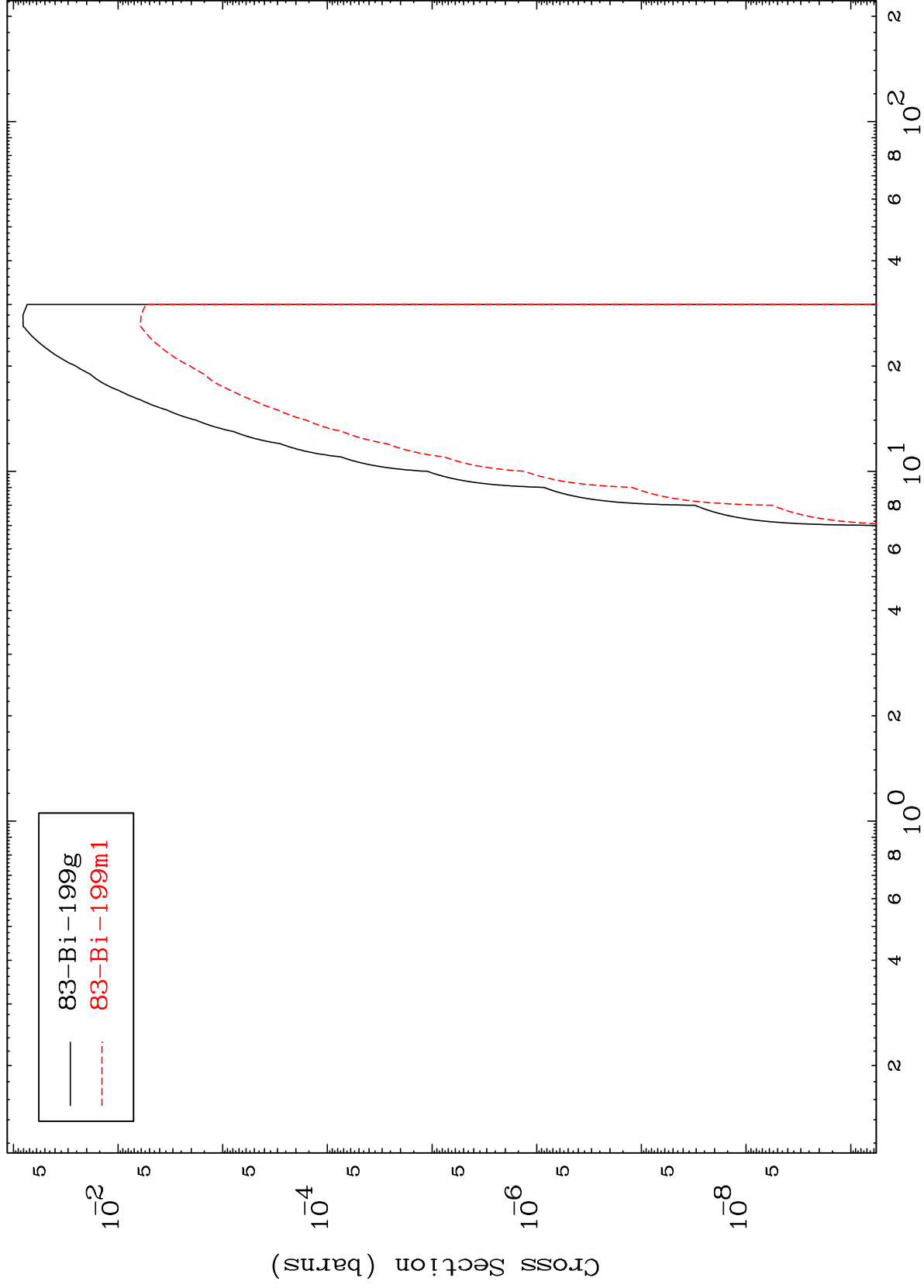
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

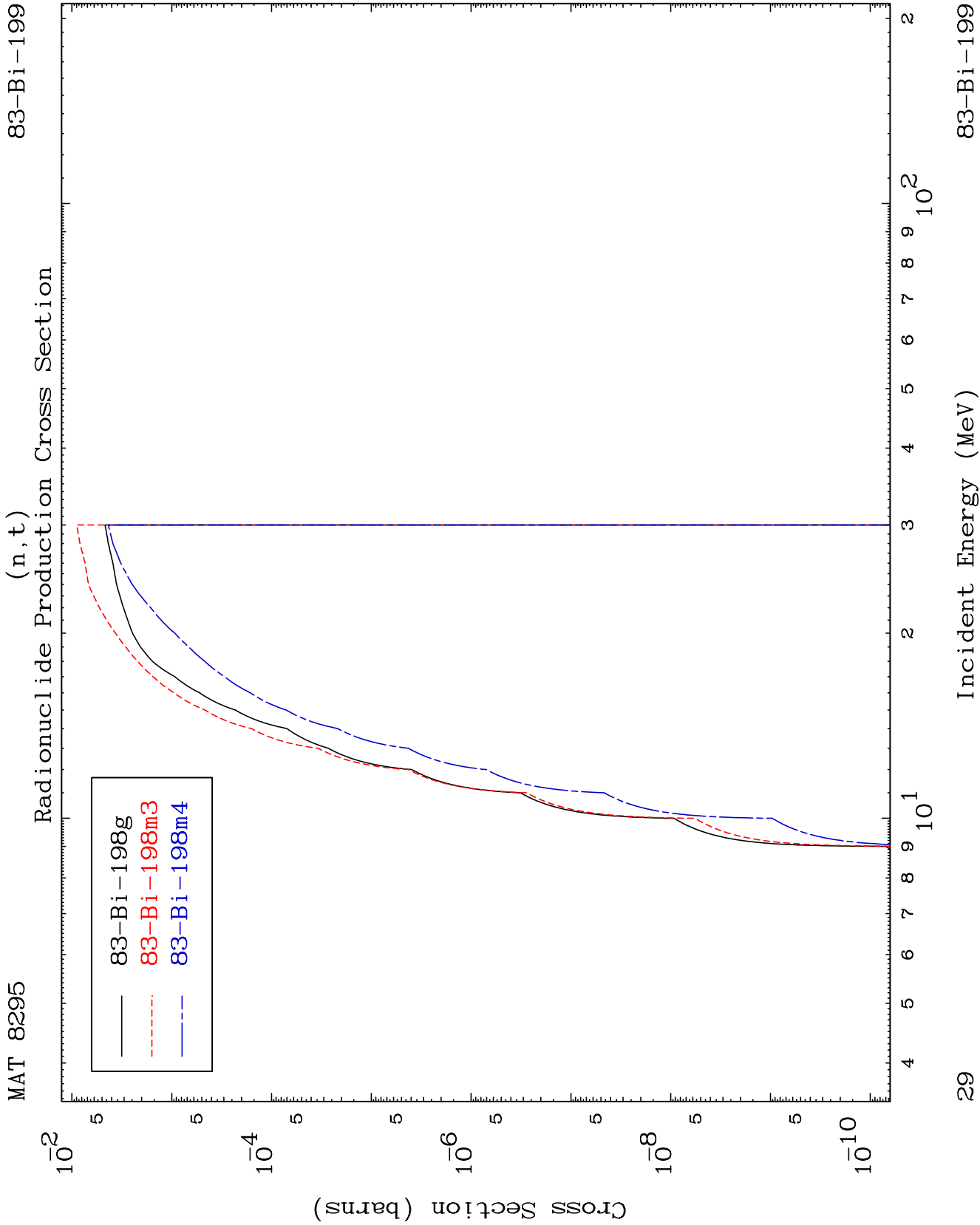
Radionuclide Production Cross Section
(n,d)



28

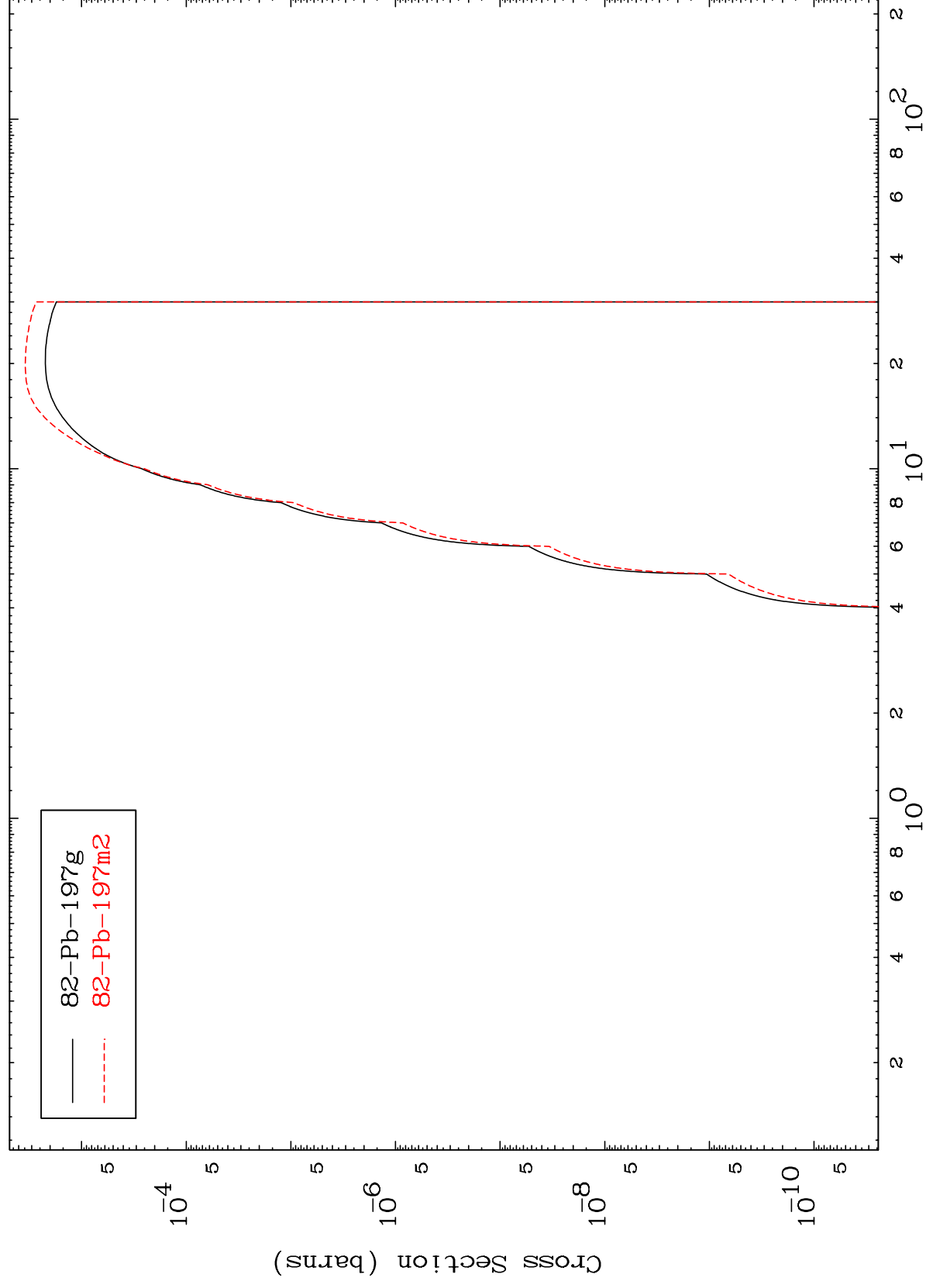
Incident Energy (MeV)

83-Bi-199



MAT 8295

83-Bi-199

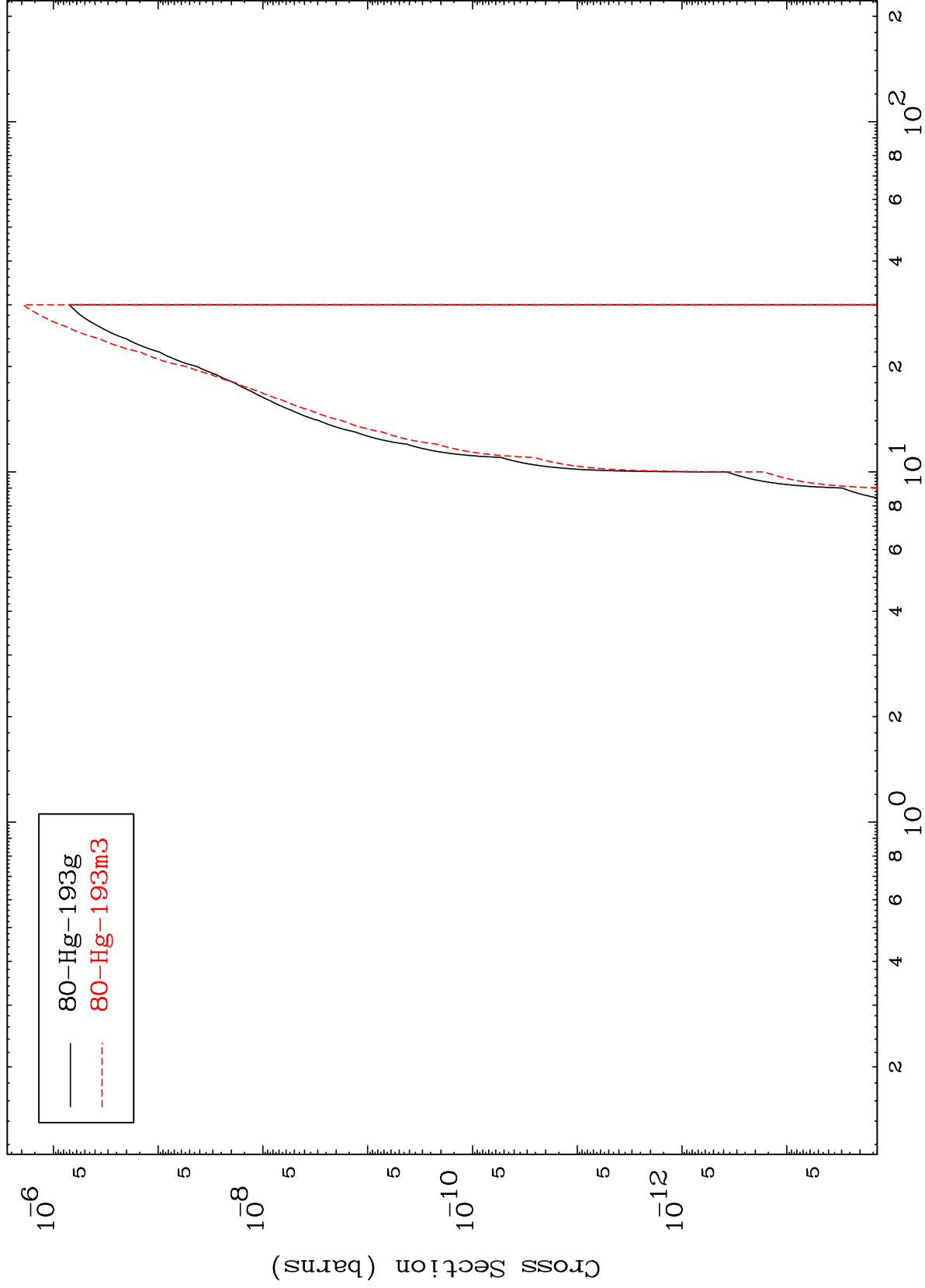
Radionuclide Production Cross Section
(n, α) (n, α) 

30

Incident Energy (MeV)

83-Bi-199

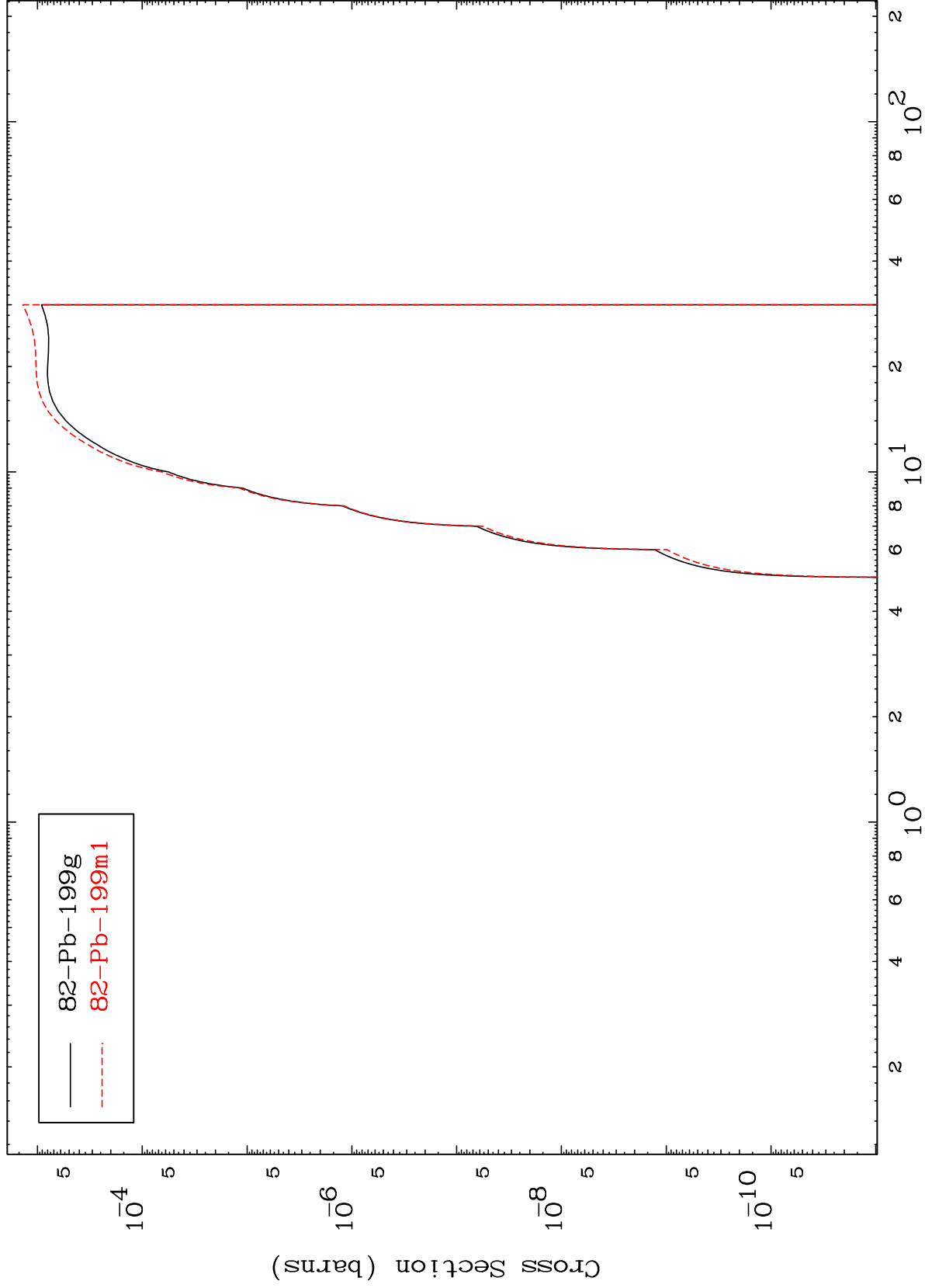
Radionuclide Production Cross Section
(n,2α)



MAT 8295

83-Bi-199

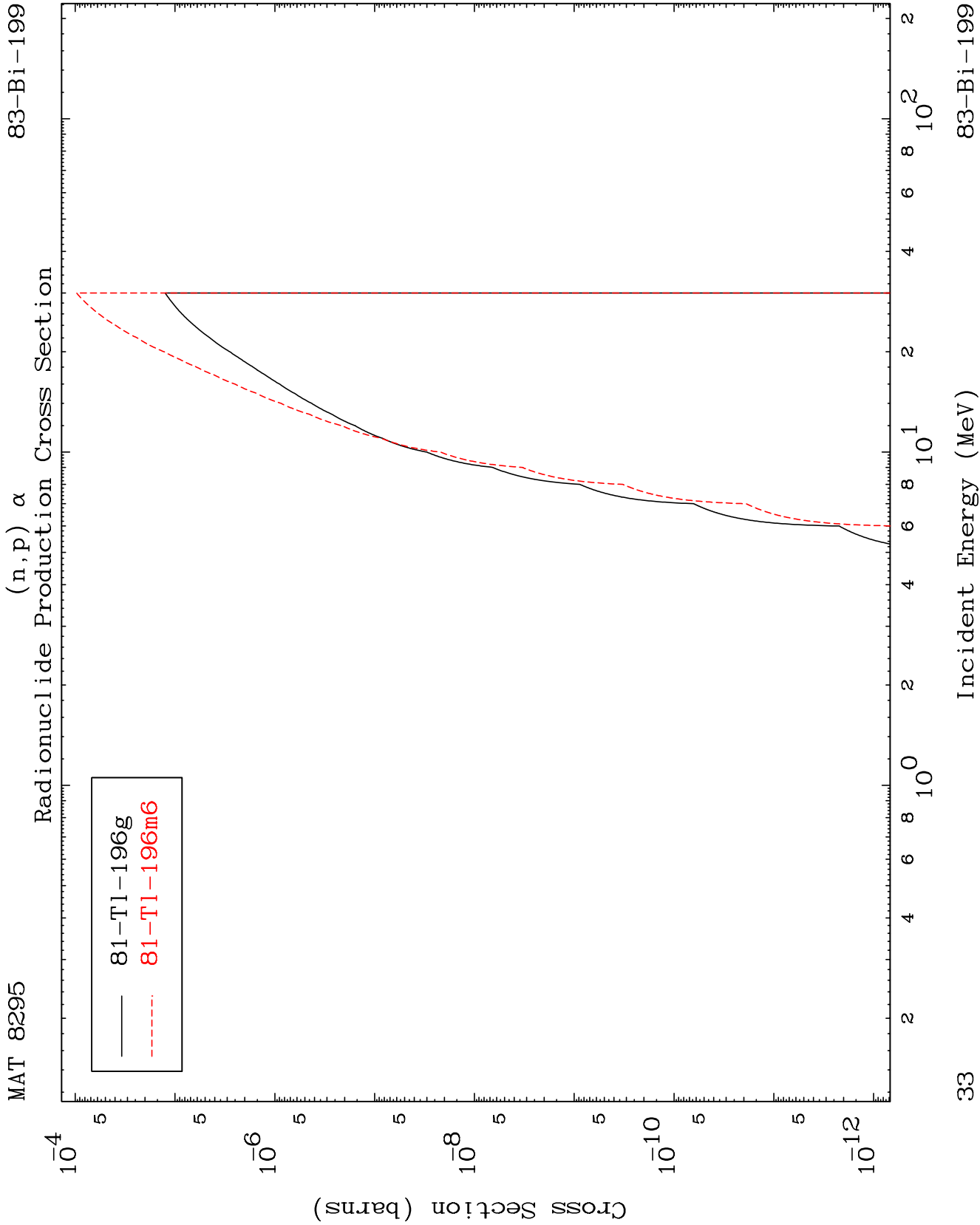
(n,2p)
Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-199

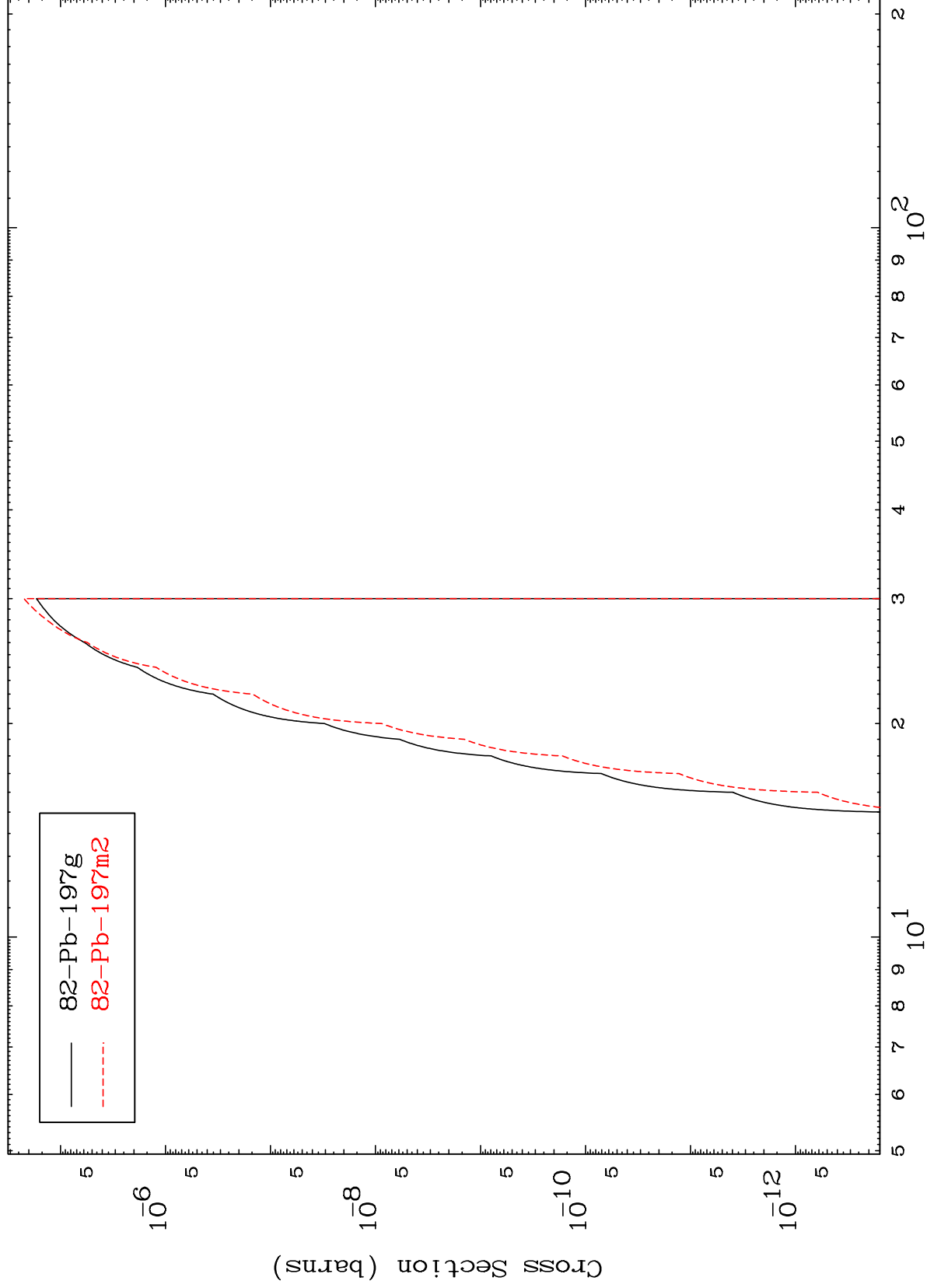


MAT 8295

(n,p) t

83-Bi-199

Radionuclide Production Cross Section



34

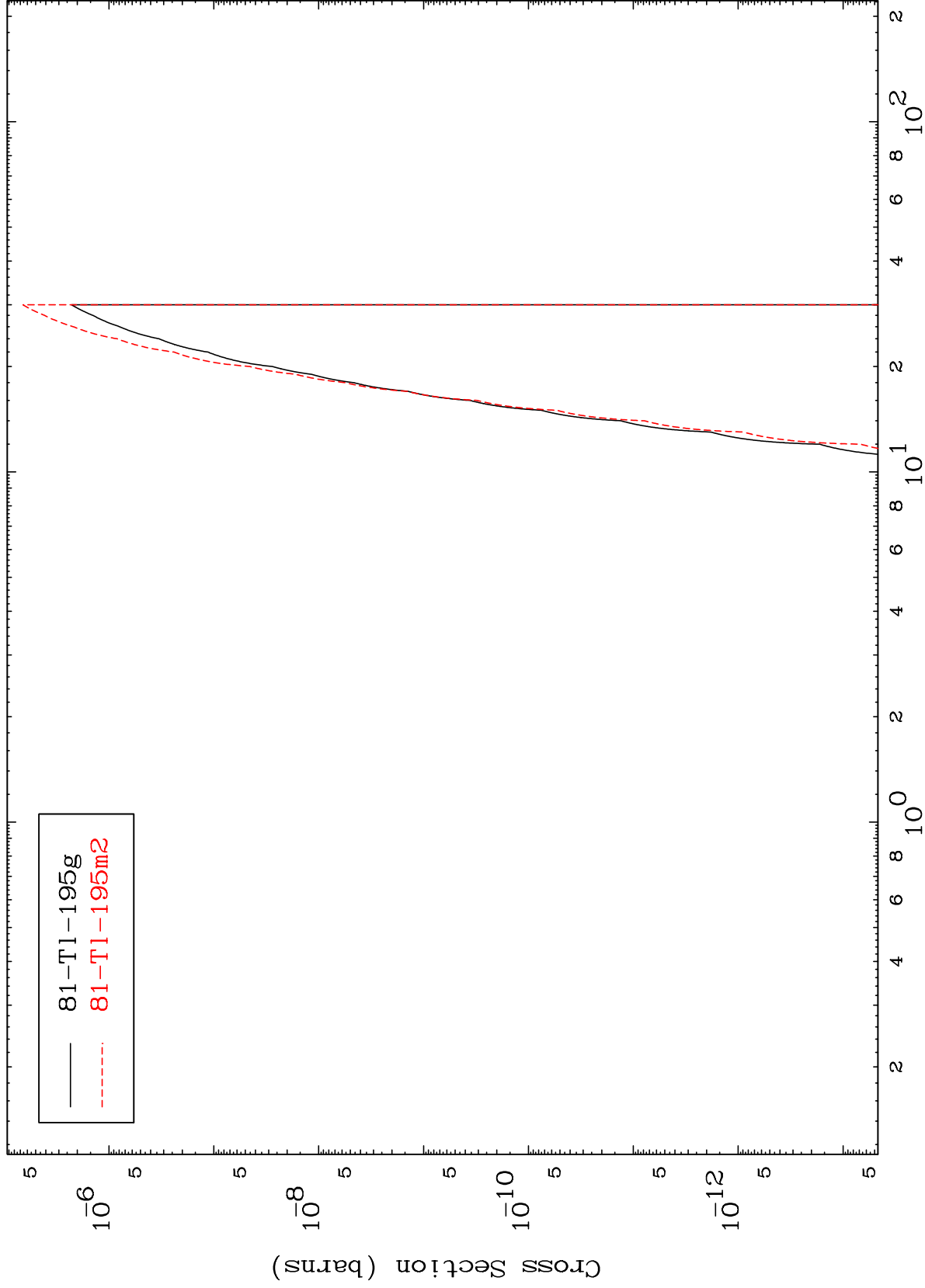
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(n,d) α
Radionuclide Production Cross Section



35

83-Bi-199