

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

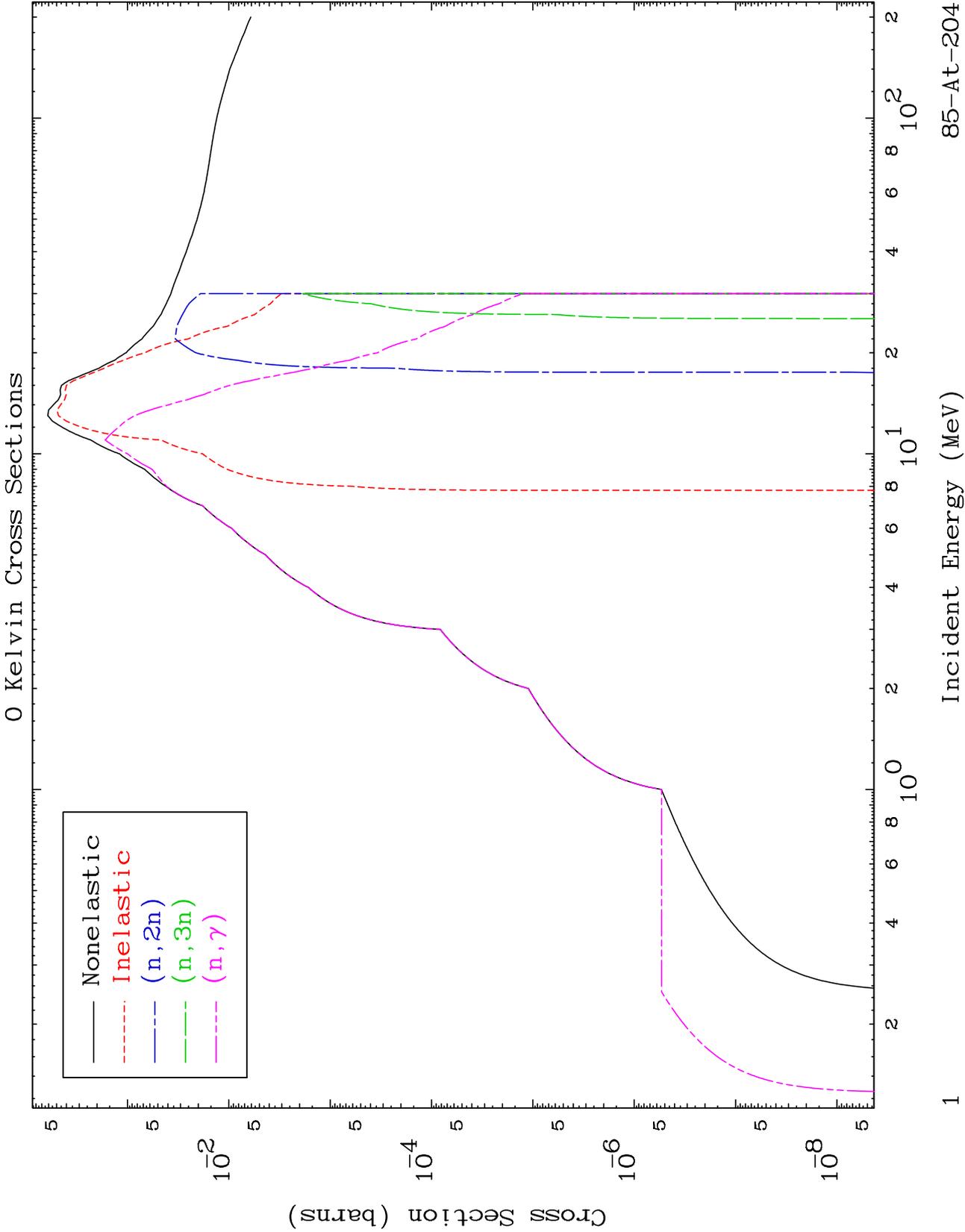
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

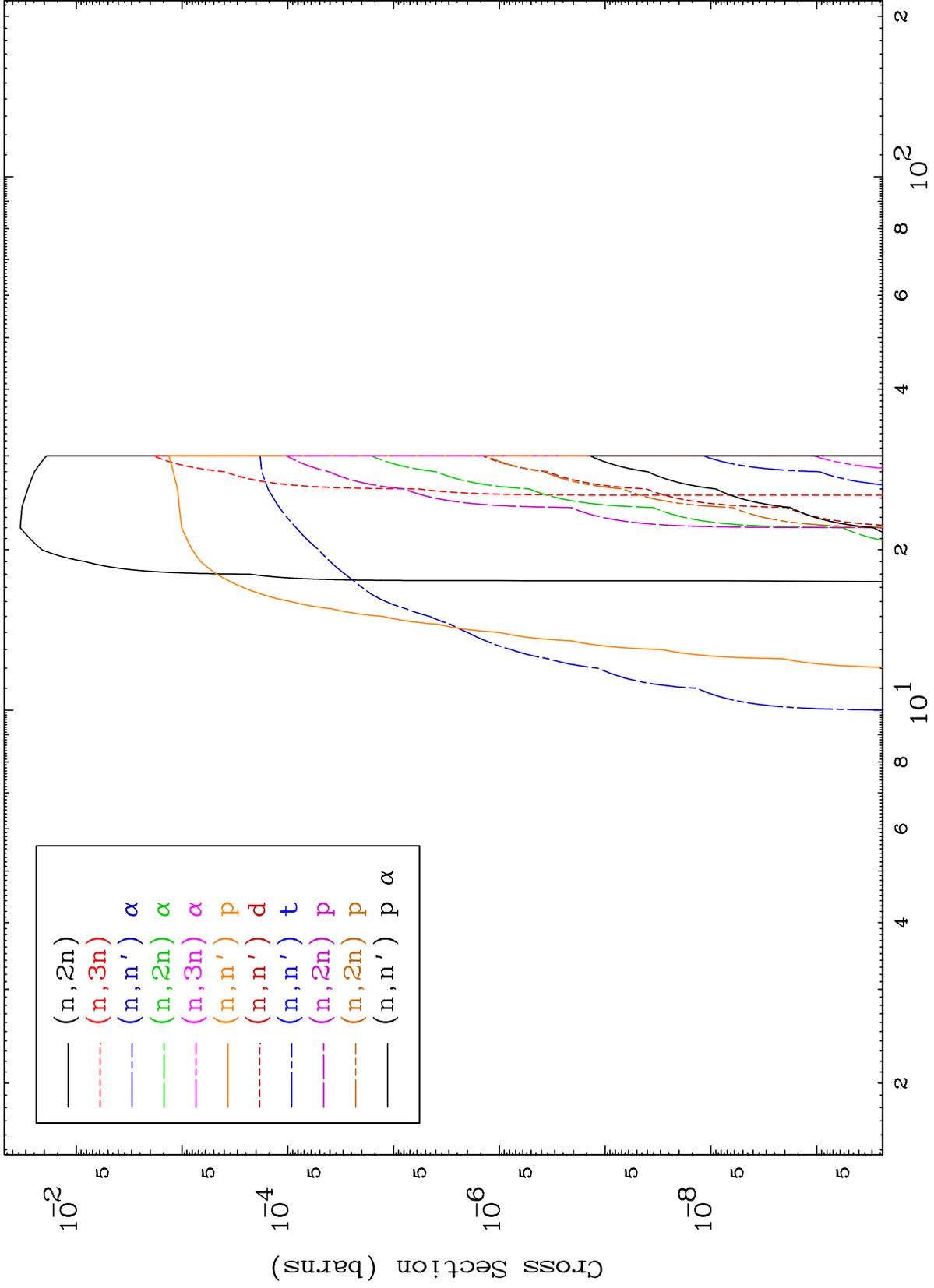
Tele: 925-443-1911

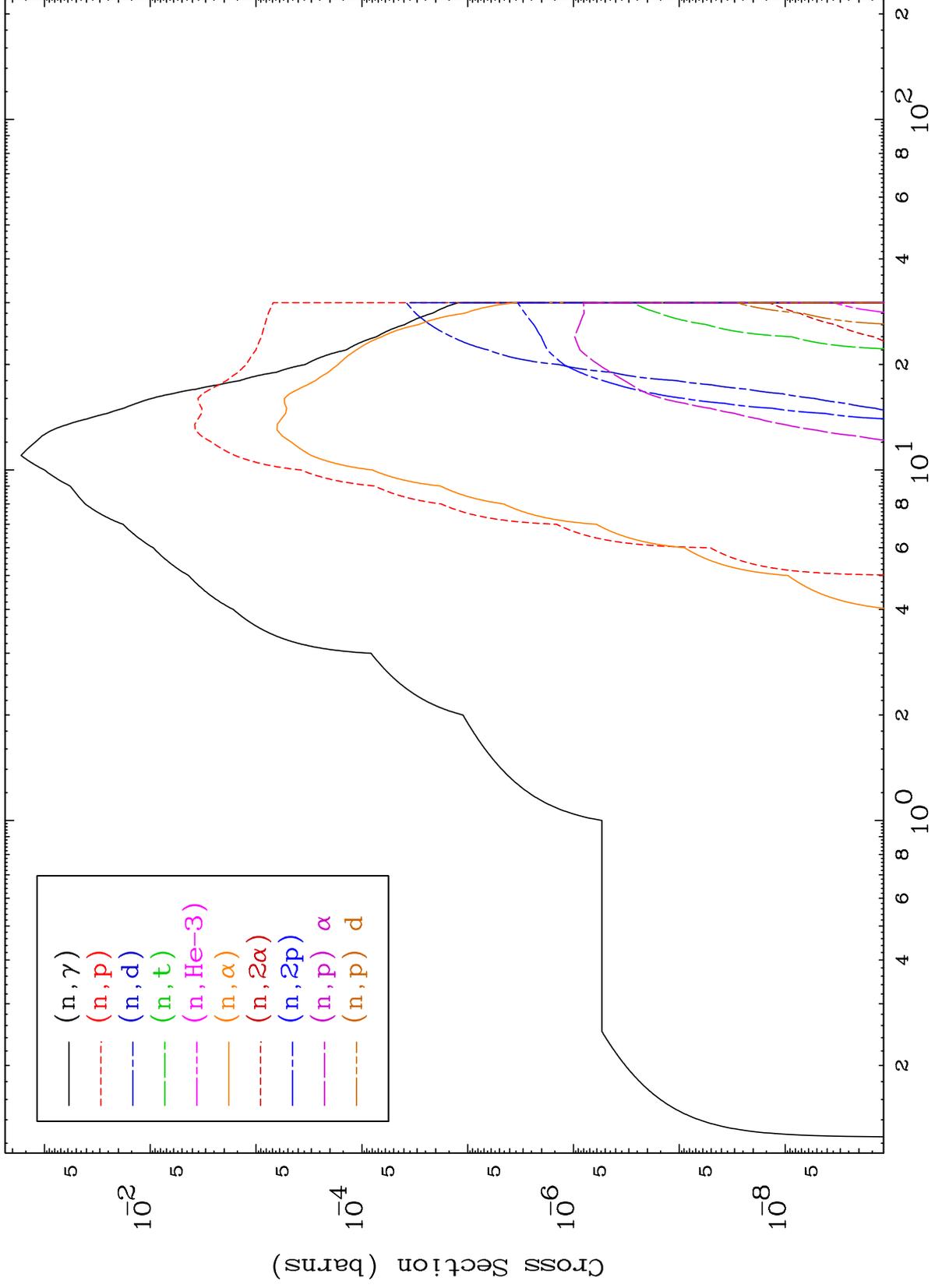
E.Mail:redcullen1@comcast.net

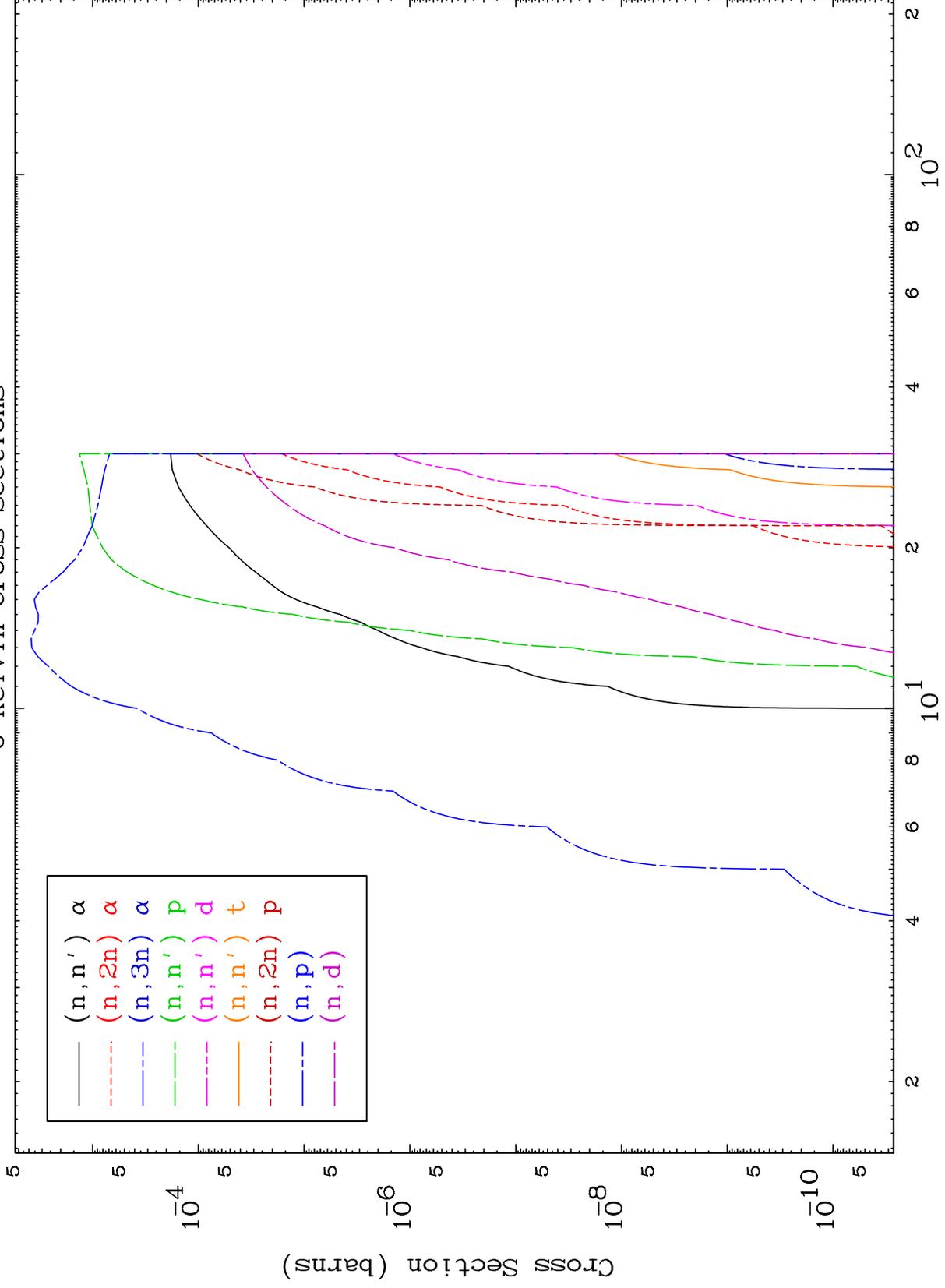
Web:redcullen1.net/HOMEPAGE.NEW

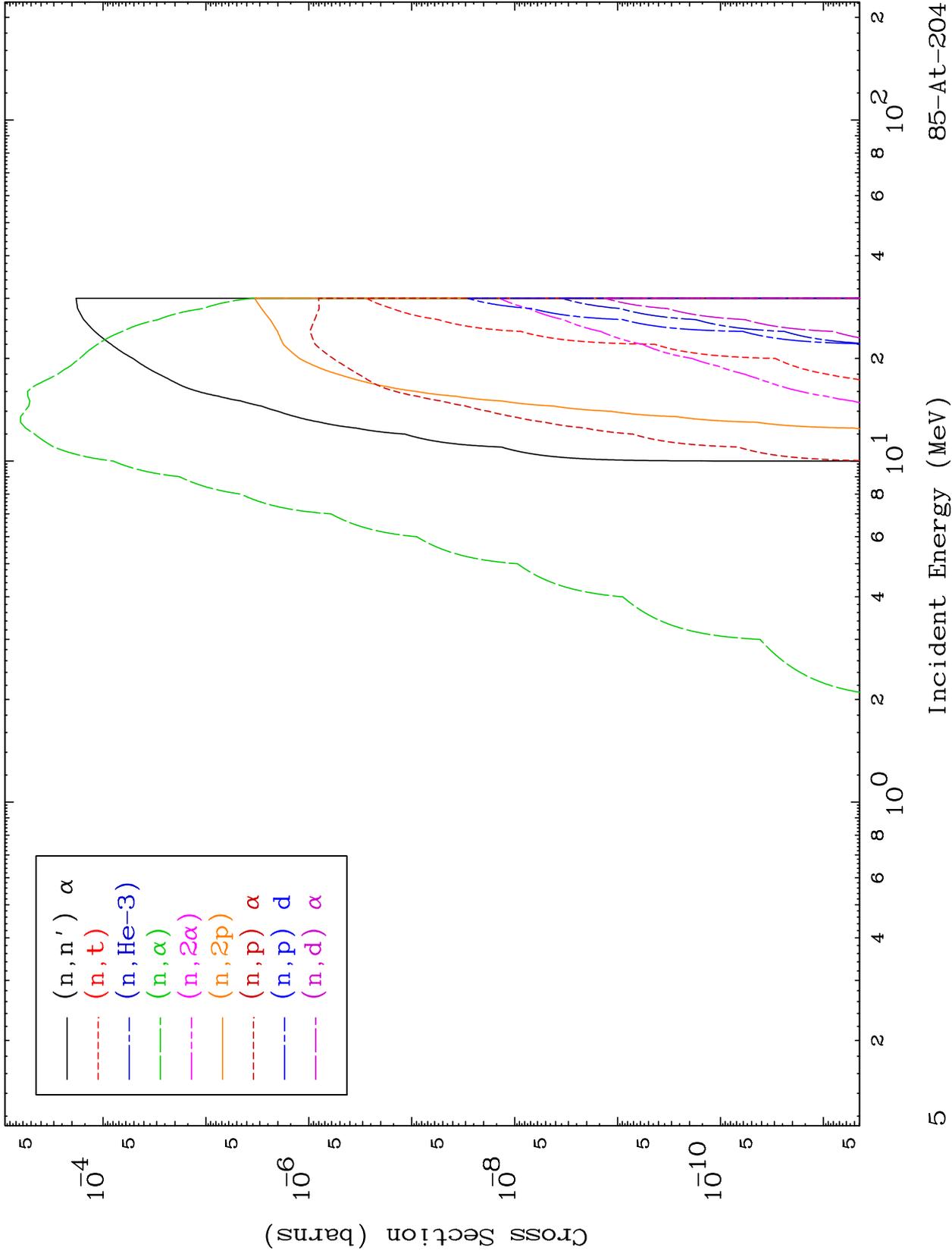
Press Mouse Button to Start







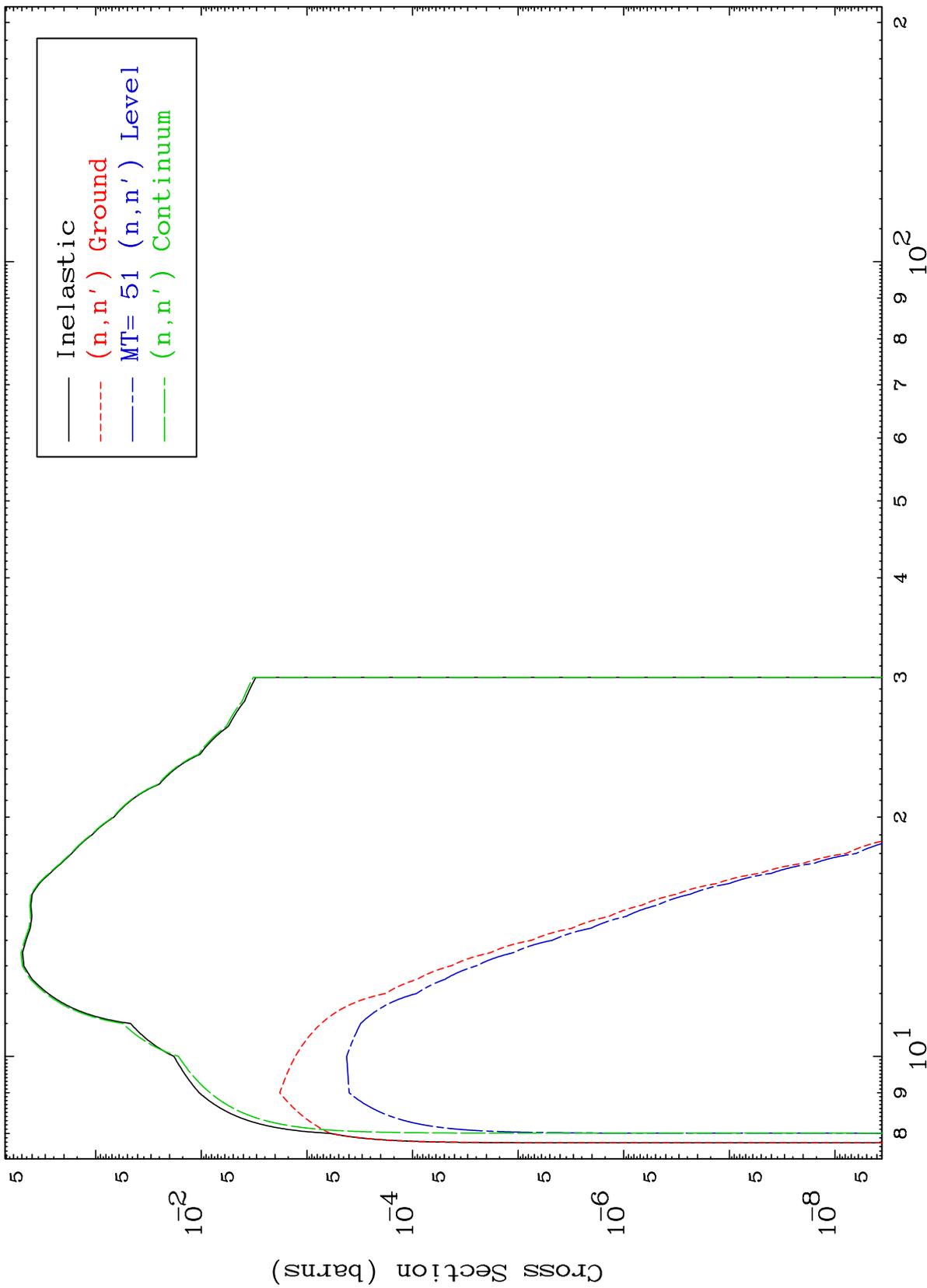




MAT 8528

85-At-204

(γ, n') Levels
0 Kelvin Cross Sections



85-At-204

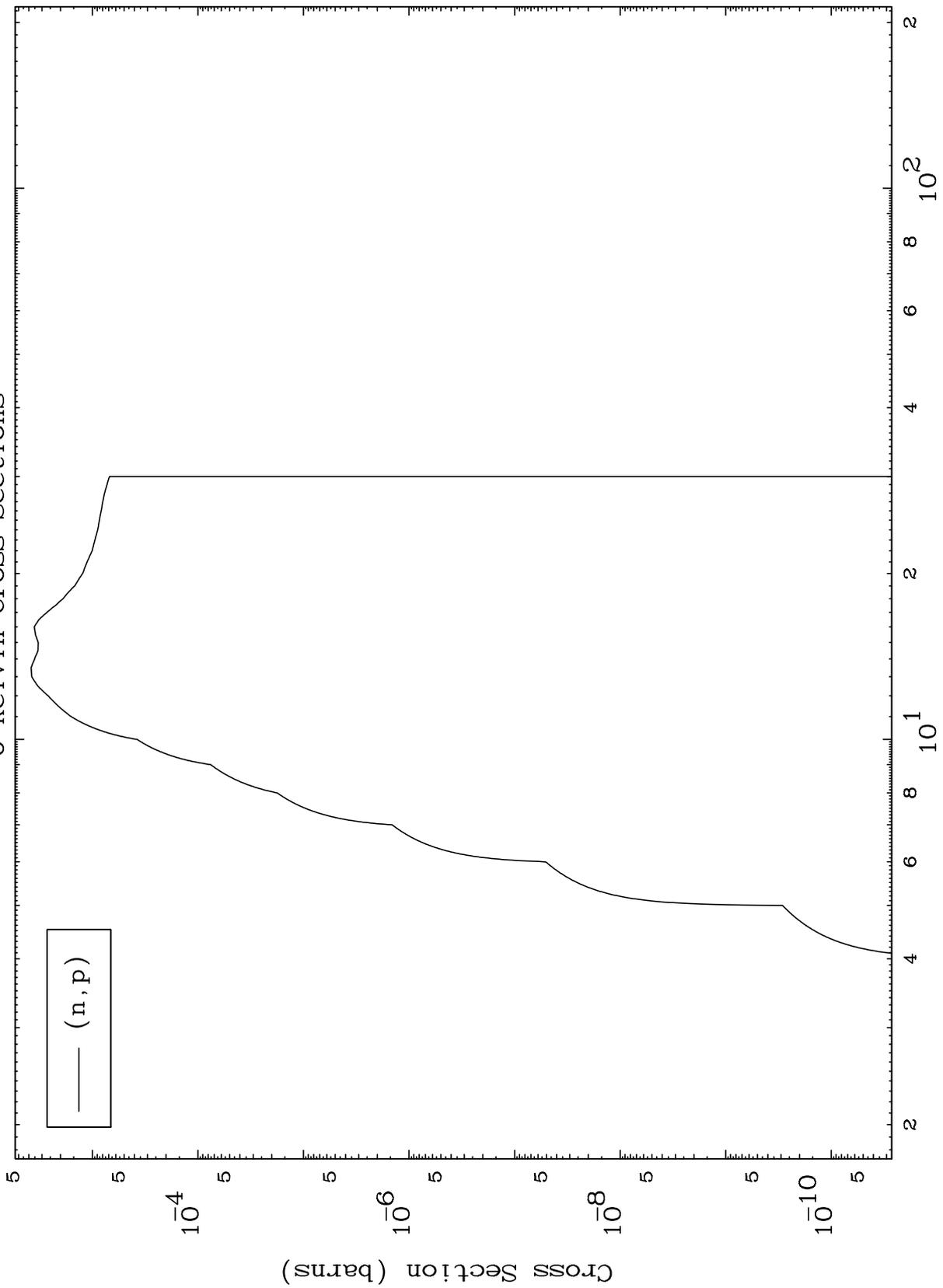
Incident Energy (MeV)

6

MAT 8528

85-At-204

(γ, p) Levels
0 Kelvin Cross Sections



7

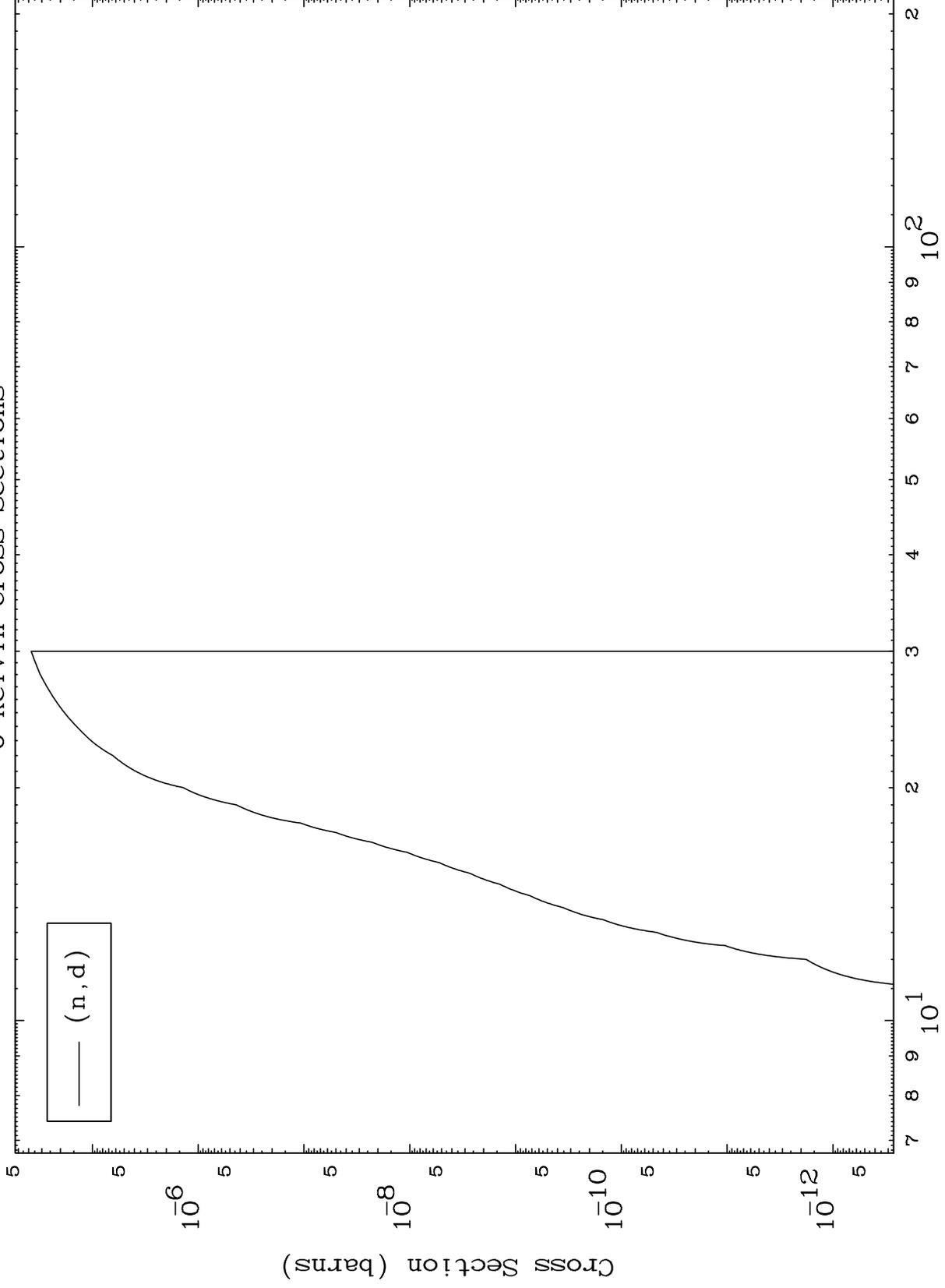
85-At-204

Incident Energy (MeV)

MAT 8528

(γ, d) Levels
0 Kelvin Cross Sections

85-At-204



8

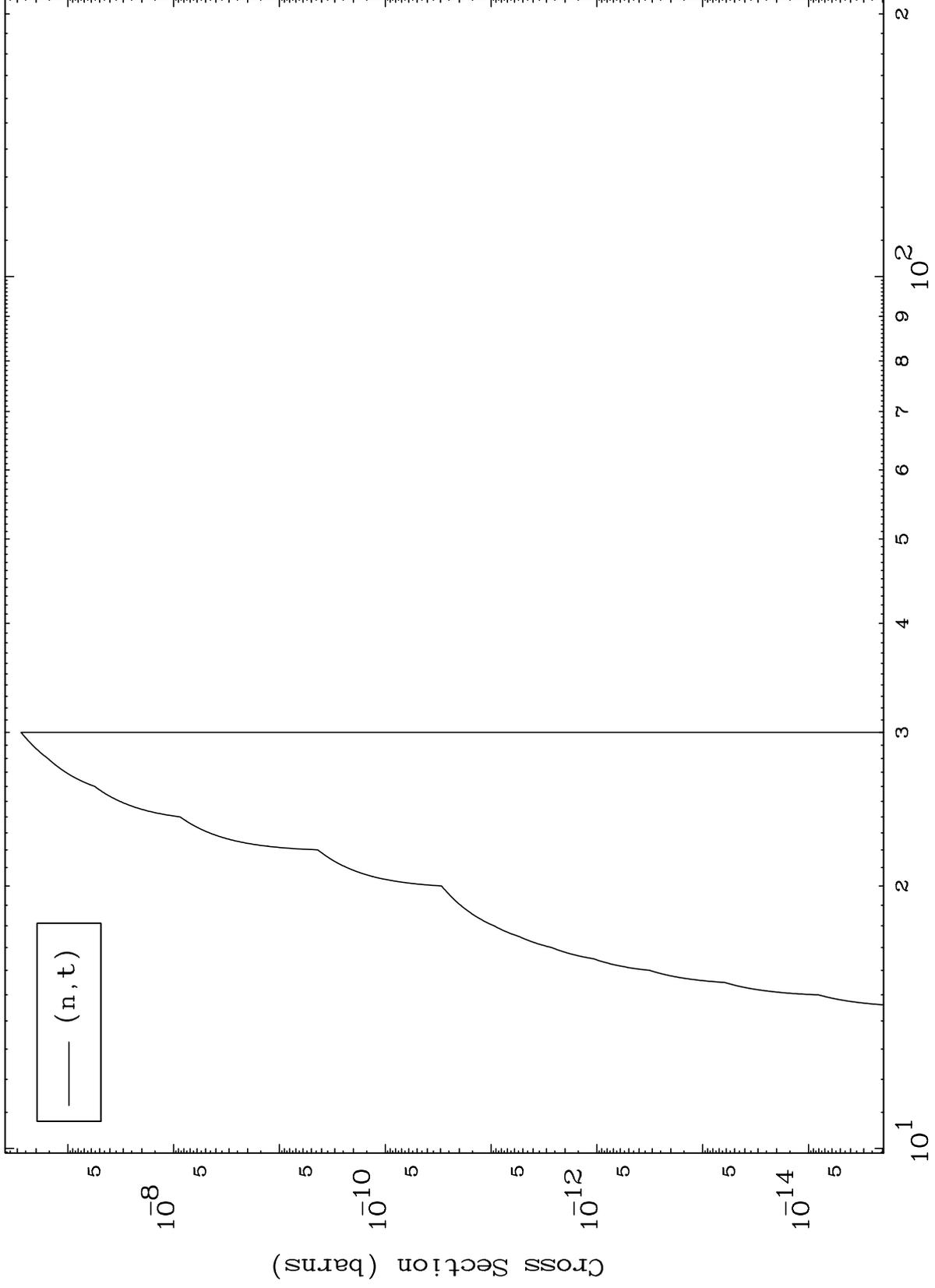
Incident Energy (MeV)

85-At-204

MAT 8528

(γ, t) Levels
0 Kelvin Cross Sections

85-At-204



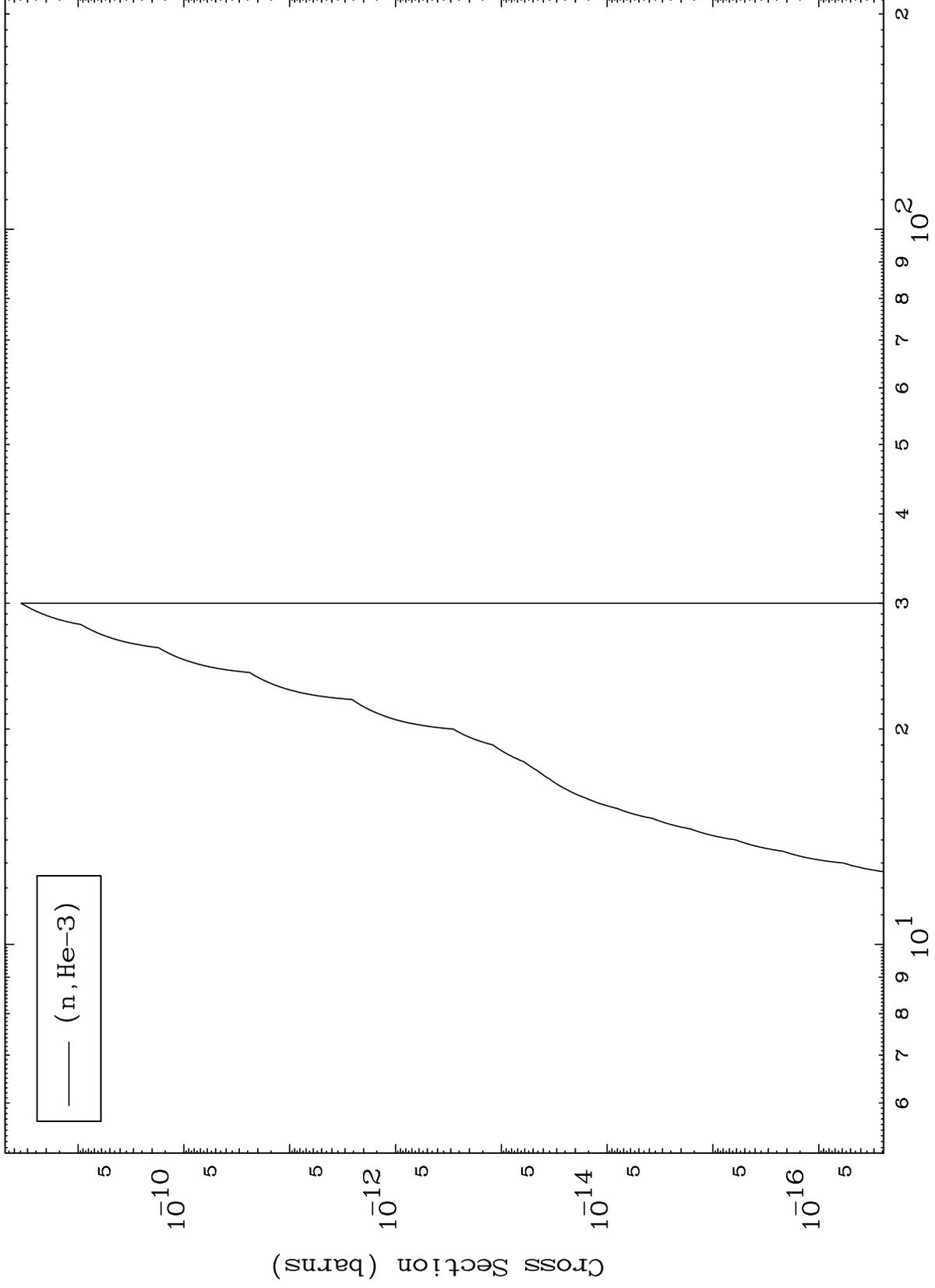
Incident Energy (MeV)

85-At-204

MAT 8528

(γ , He3) Levels
0 Kelvin Cross Sections

85-At-204



10

Incident Energy (MeV)

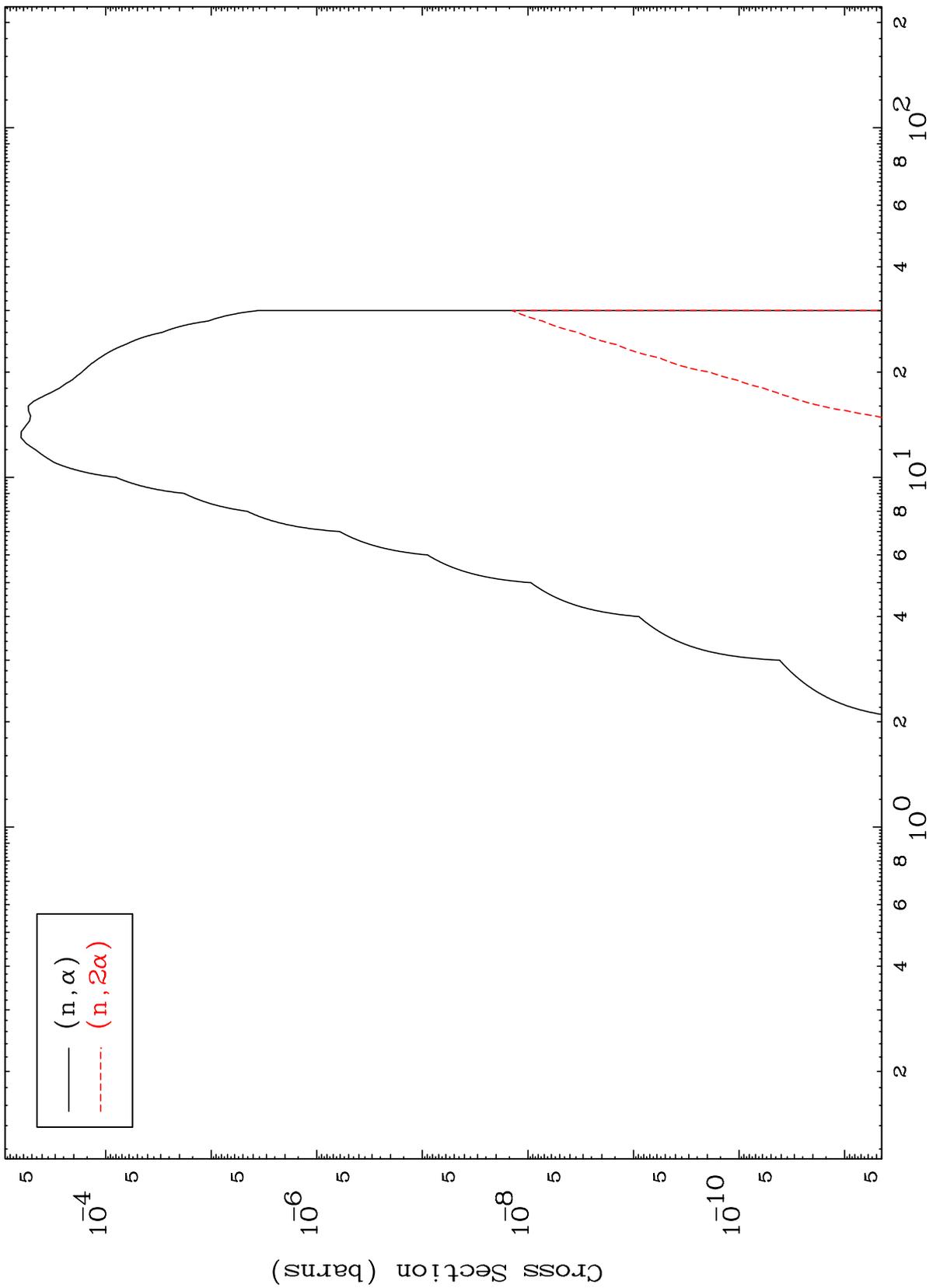
85-At-204

MAT 8528

(γ, α) Levels

85-At-204

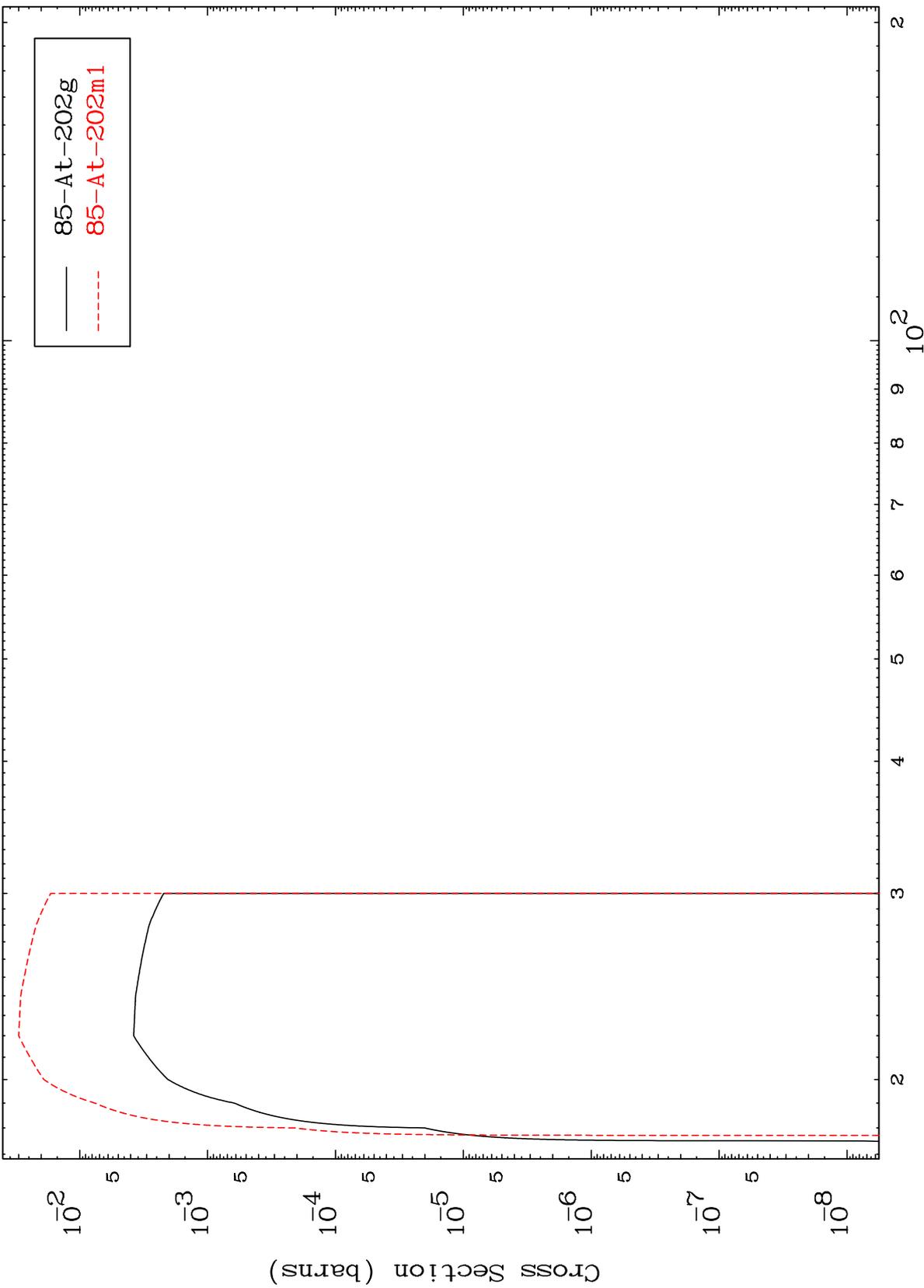
0 Kelvin Cross Sections



MAT 8528

85-At-204

(n,2n)
Radionuclide Production Cross Section



12

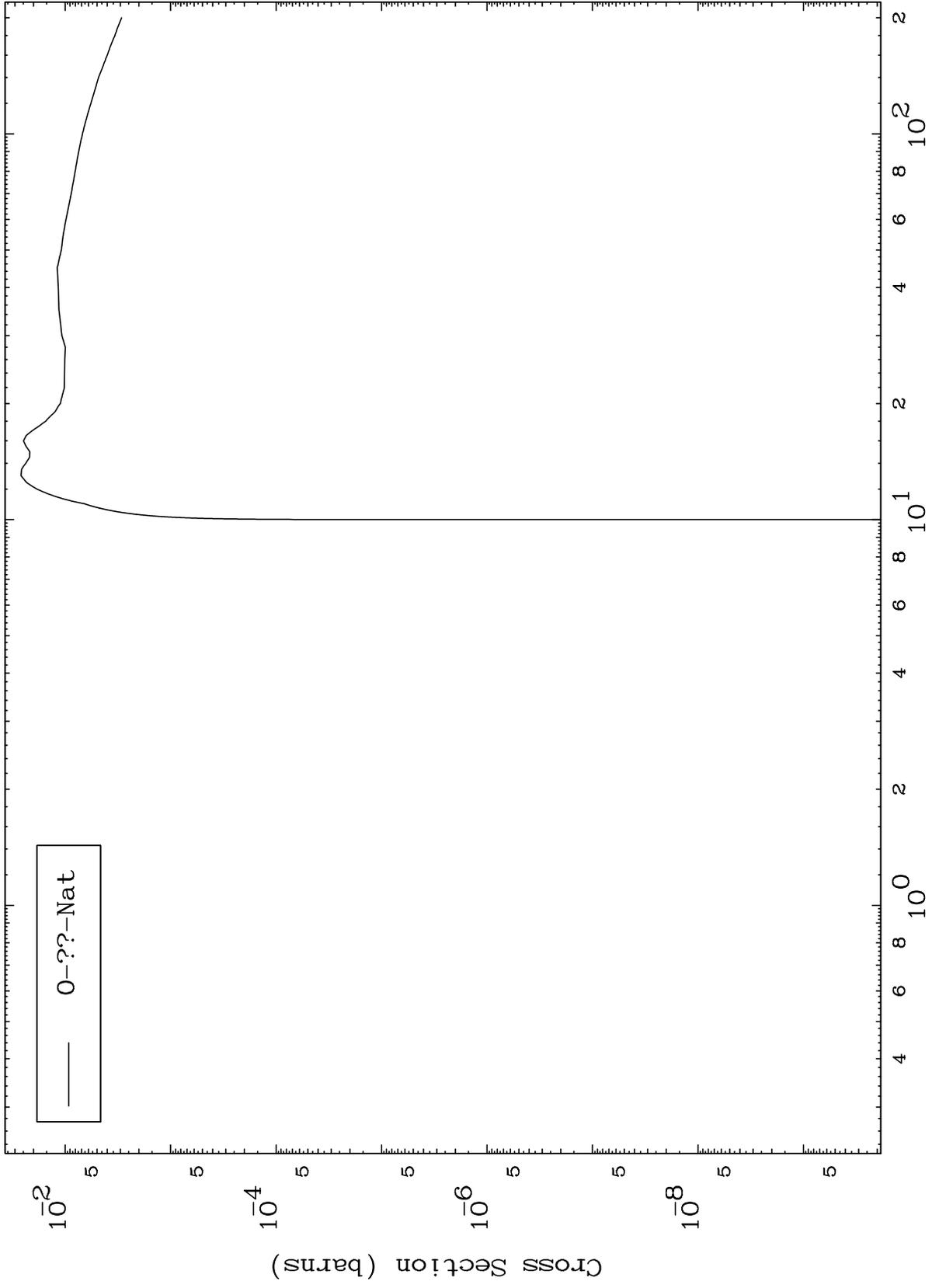
Incident Energy (MeV)

85-At-204

MAT 8528

85-At-204

Fission
Radionuclide Production Cross Section

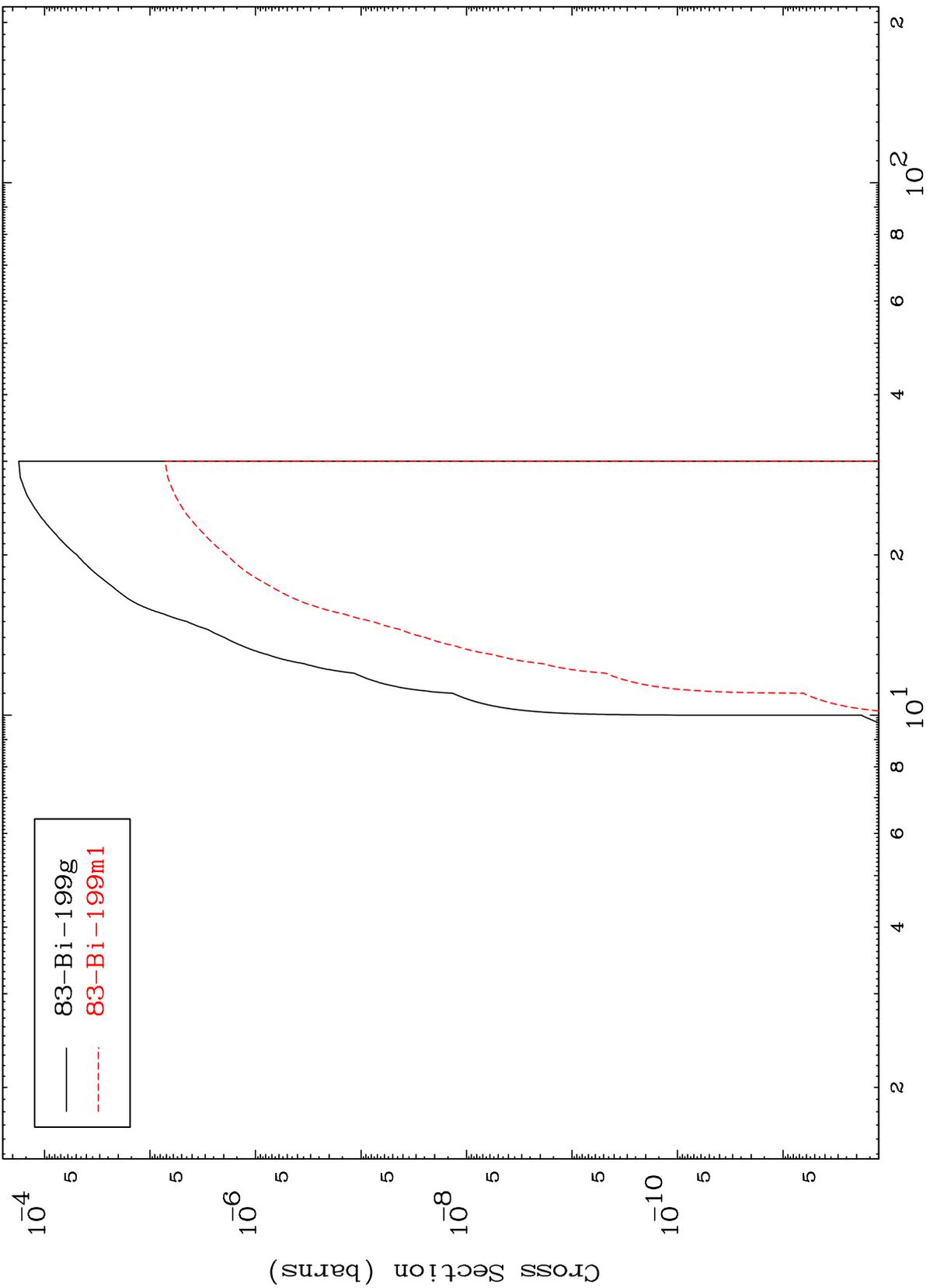


MAT 8528

(n,n') α

85-At-204

Radionuclide Production Cross Section



83-Bi-199g
83-Bi-199m1

14

Incident Energy (MeV)

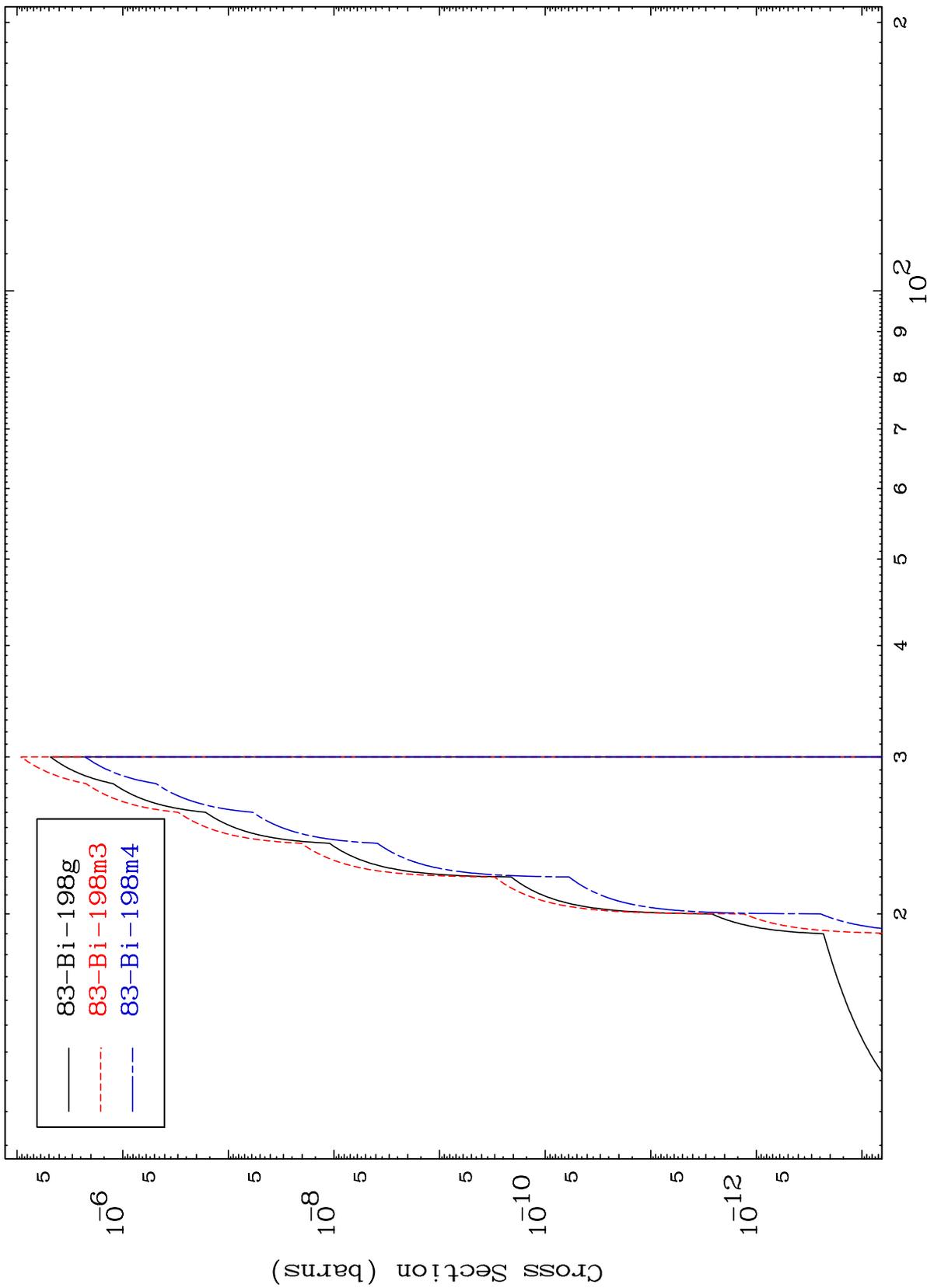
85-At-204

MAT 8528

(n,2n) α

85-At-204

Radionuclide Production Cross Section



15

Incident Energy (MeV)

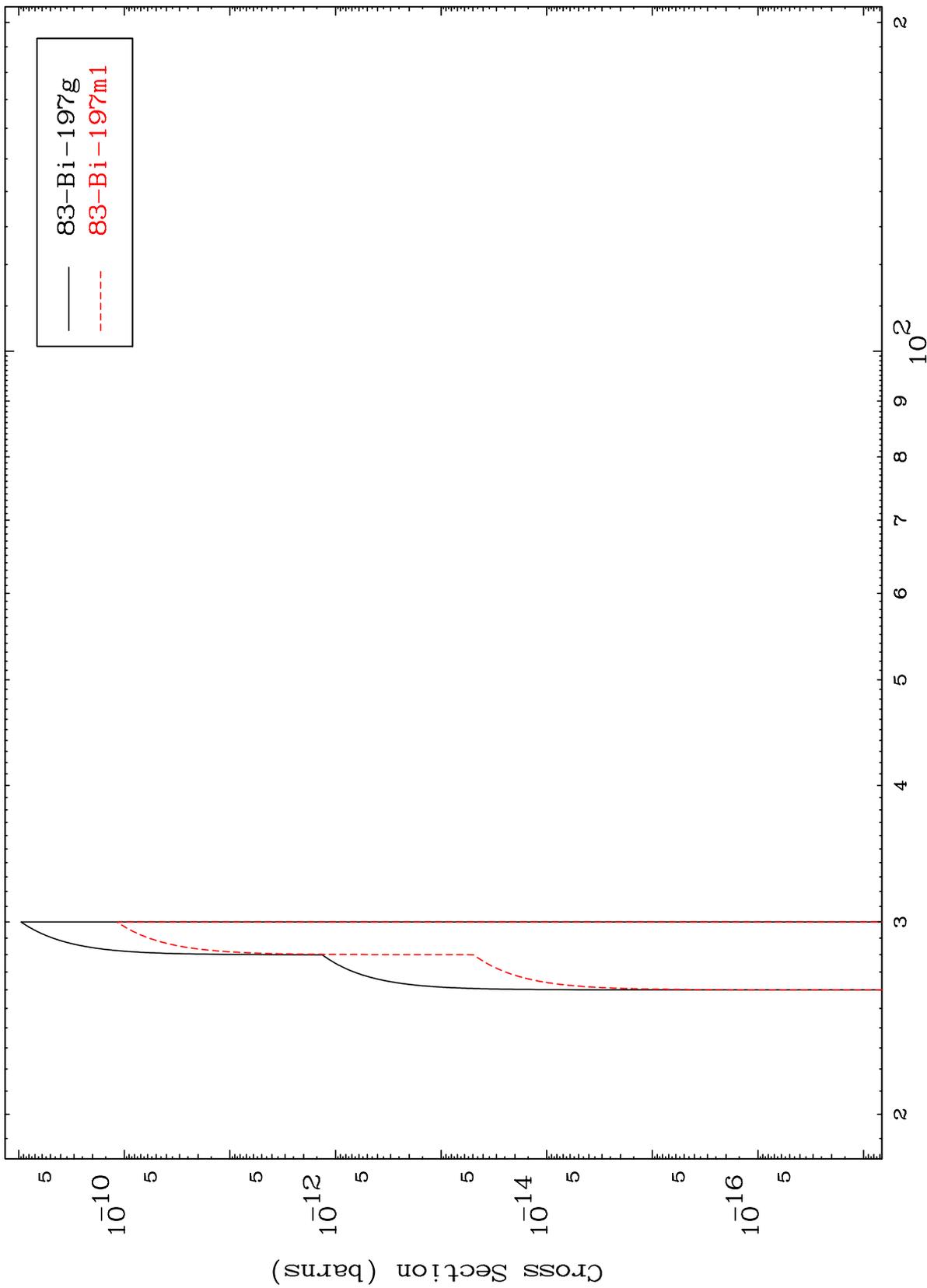
85-At-204

MAT 8528

(n,3n) α

85-At-204

Radionuclide Production Cross Section



16

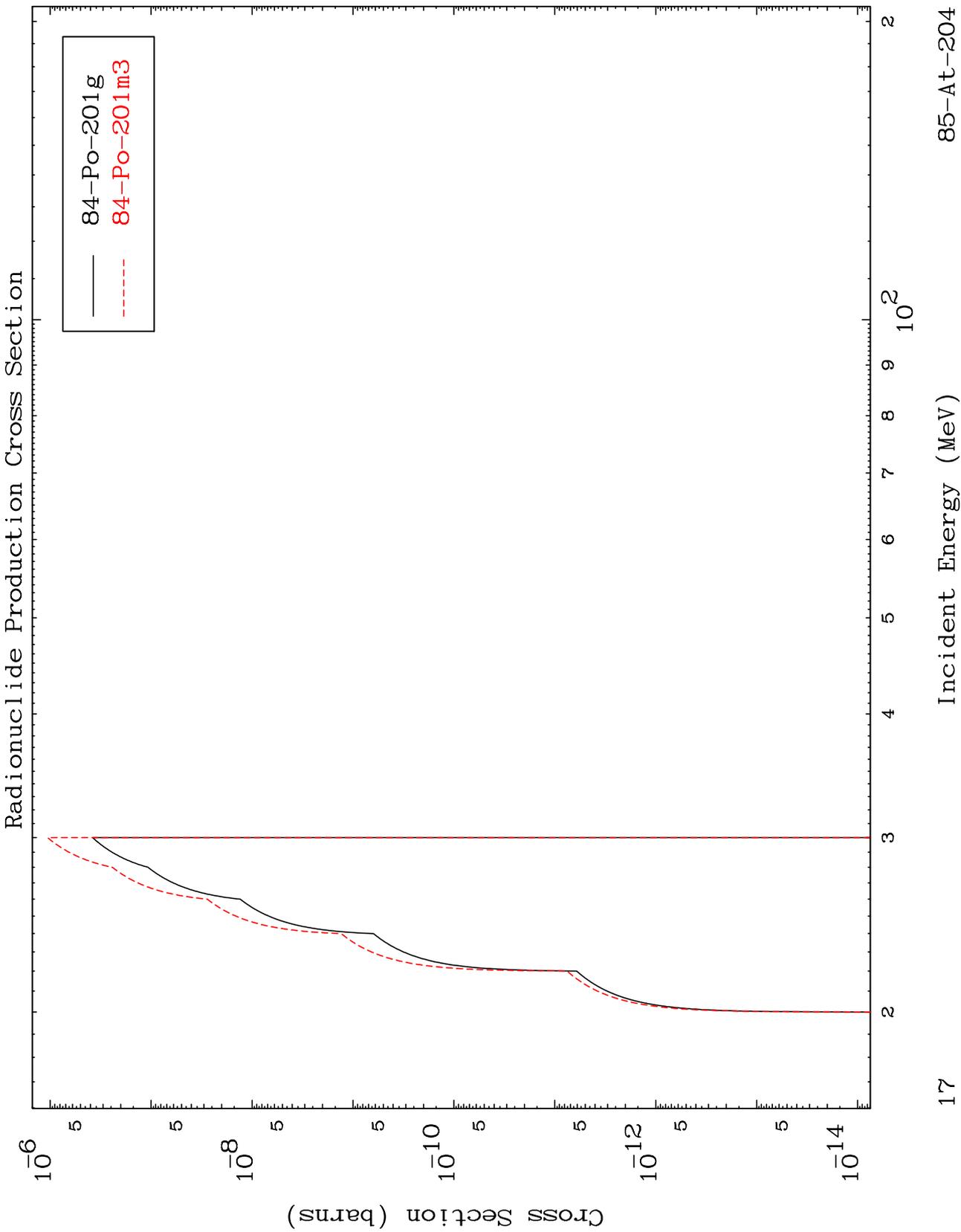
Incident Energy (MeV)

85-At-204

MAT 8528

(n,n') d

85-At-204

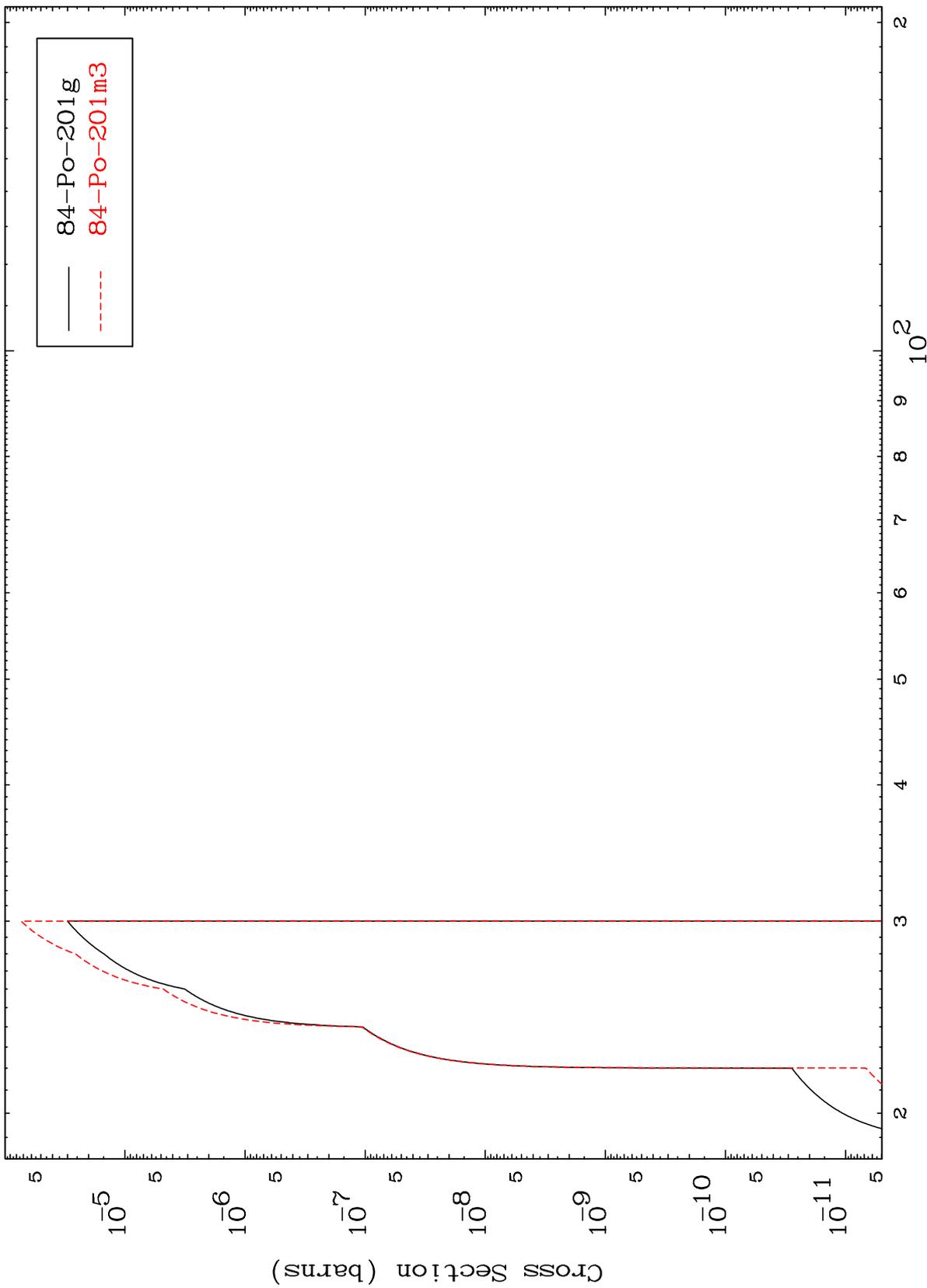


17

Incident Energy (MeV)

85-At-204

(n,2n) p
Radionuclide Production Cross Section

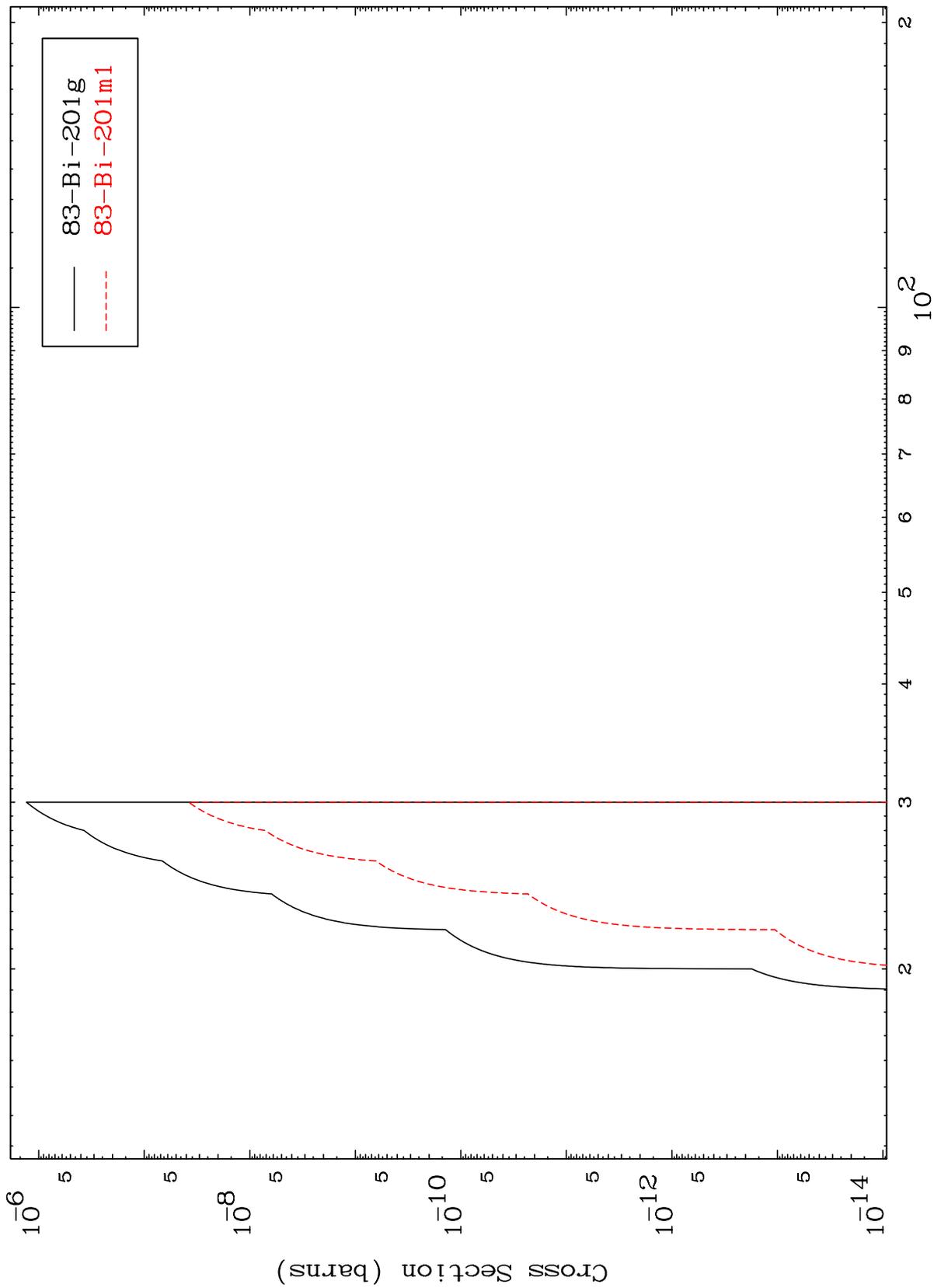


MAT 8528

(n,2n) p

85-At-204

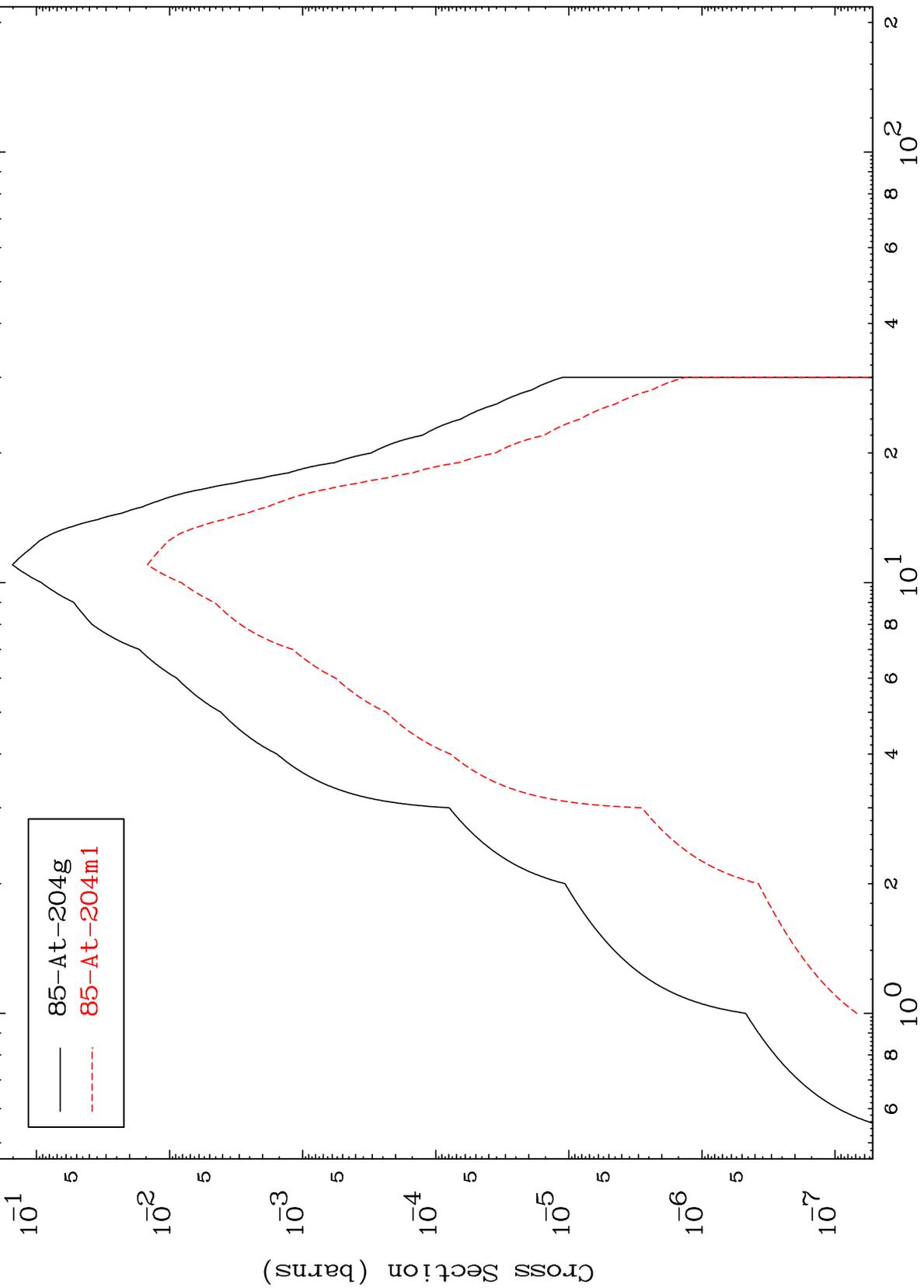
Radionuclide Production Cross Section



MAT 8528

85-At-204

(n,γ)
Radionuclide Production Cross Section



85-At-204g
85-At-204m1

85-At-204

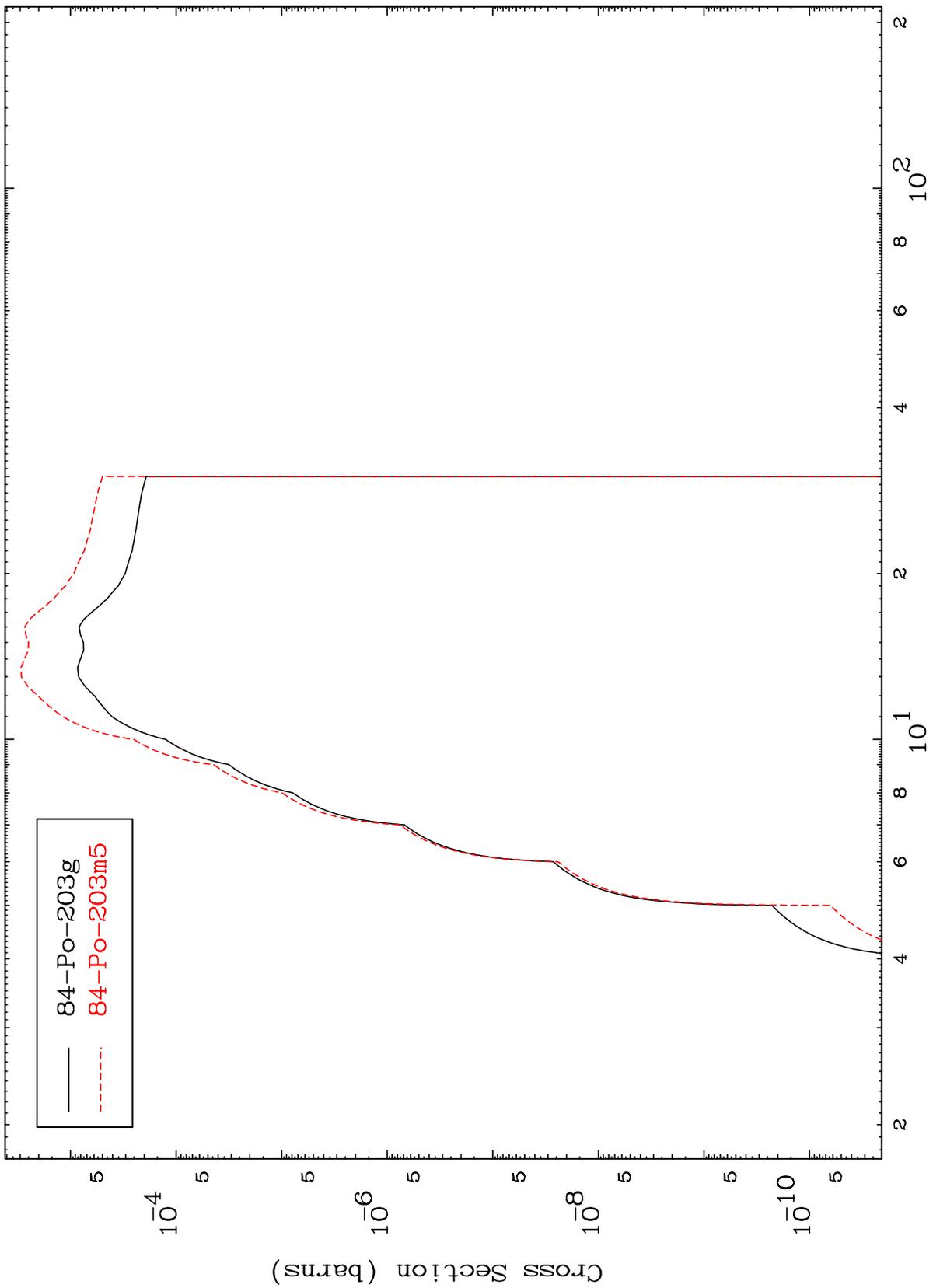
Incident Energy (MeV)

20

MAT 8528

85-At-204

Radionuclide Production Cross Section (n,p)



21

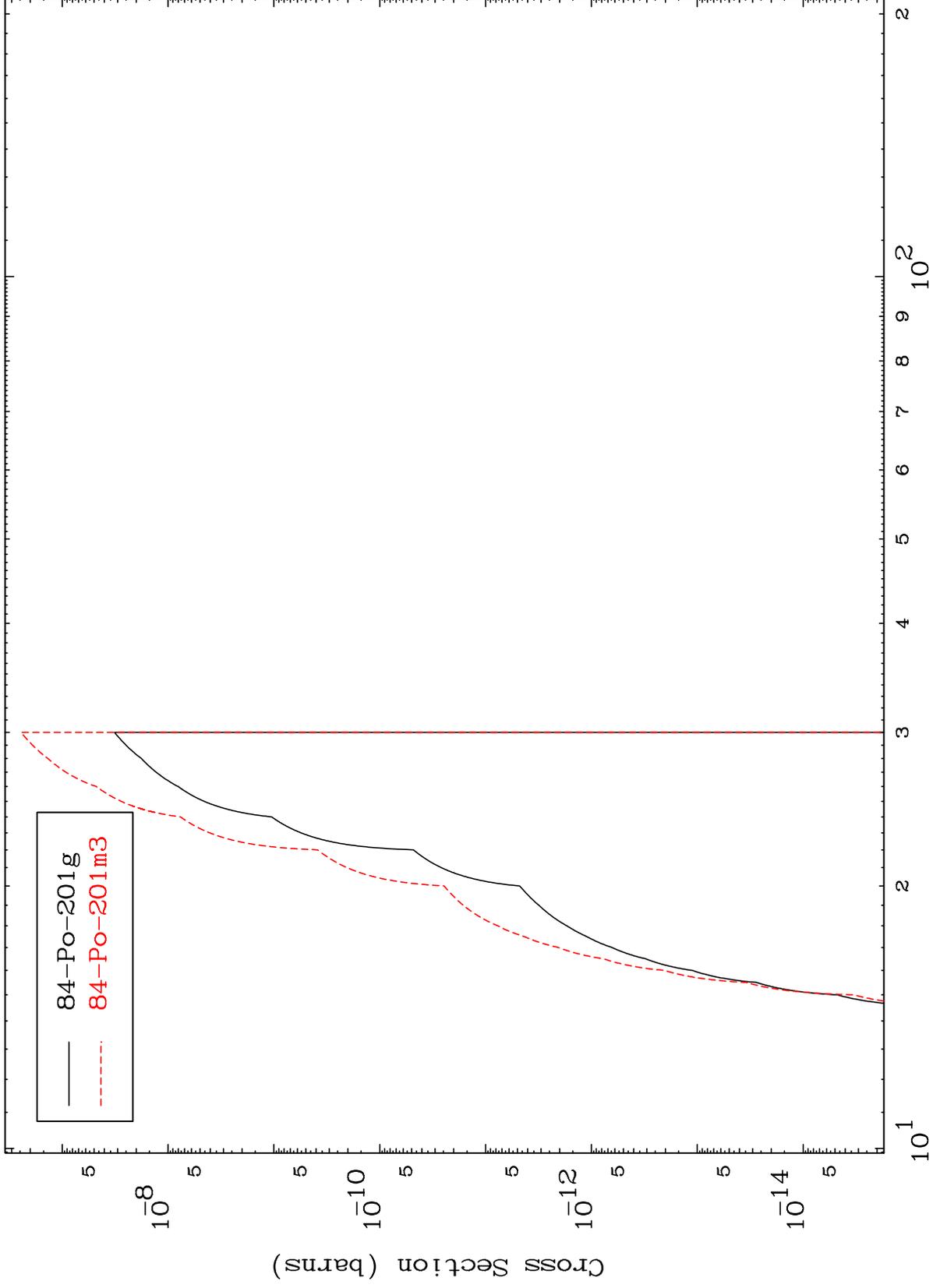
85-At-204

Incident Energy (MeV)

MAT 8528

85-At-204

(n, t)
Radionuclide Production Cross Section



22

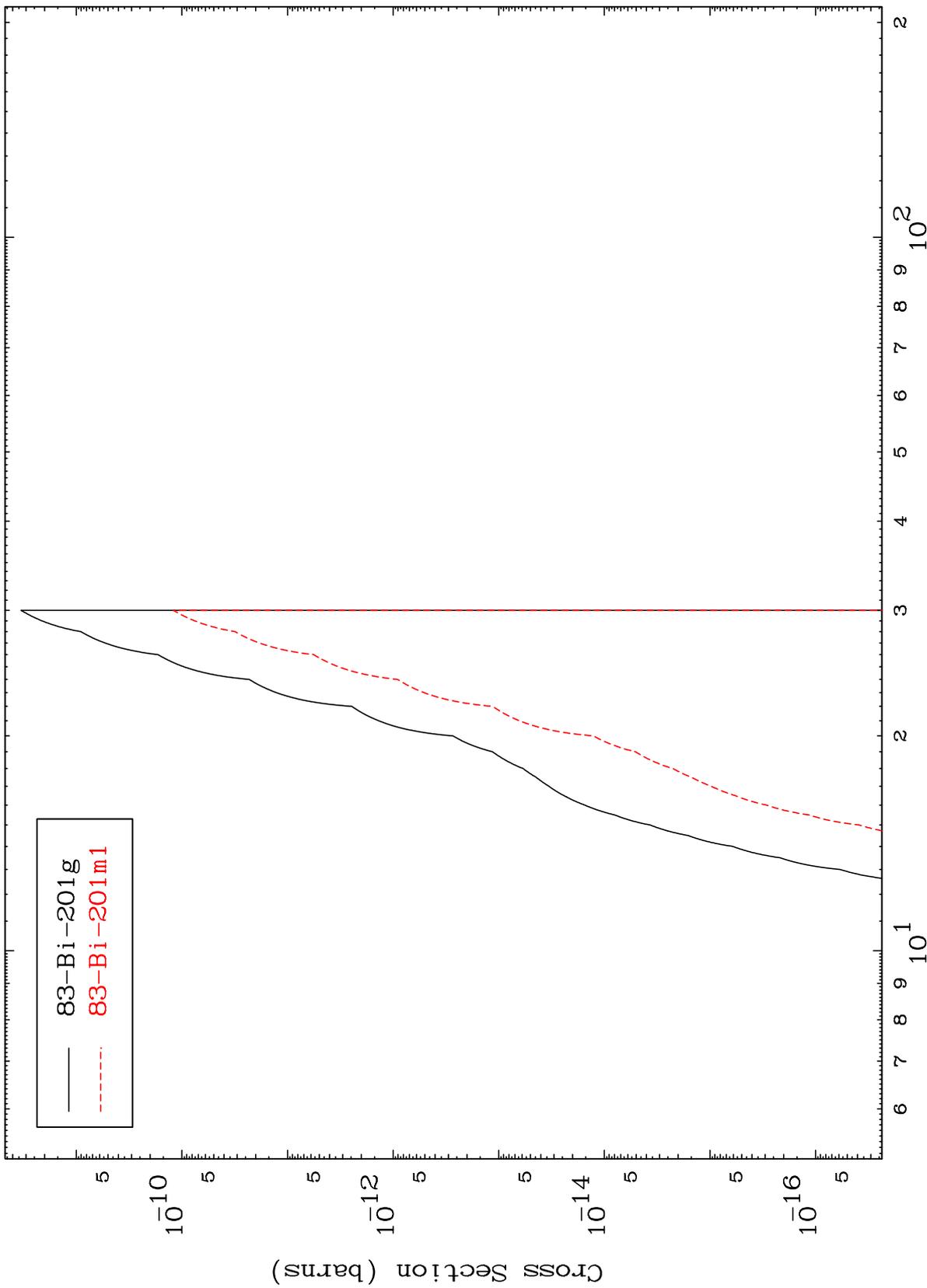
Incident Energy (MeV)

85-At-204

MAT 8528

85-At-204

Radionuclide Production Cross Section
(n,He-3)



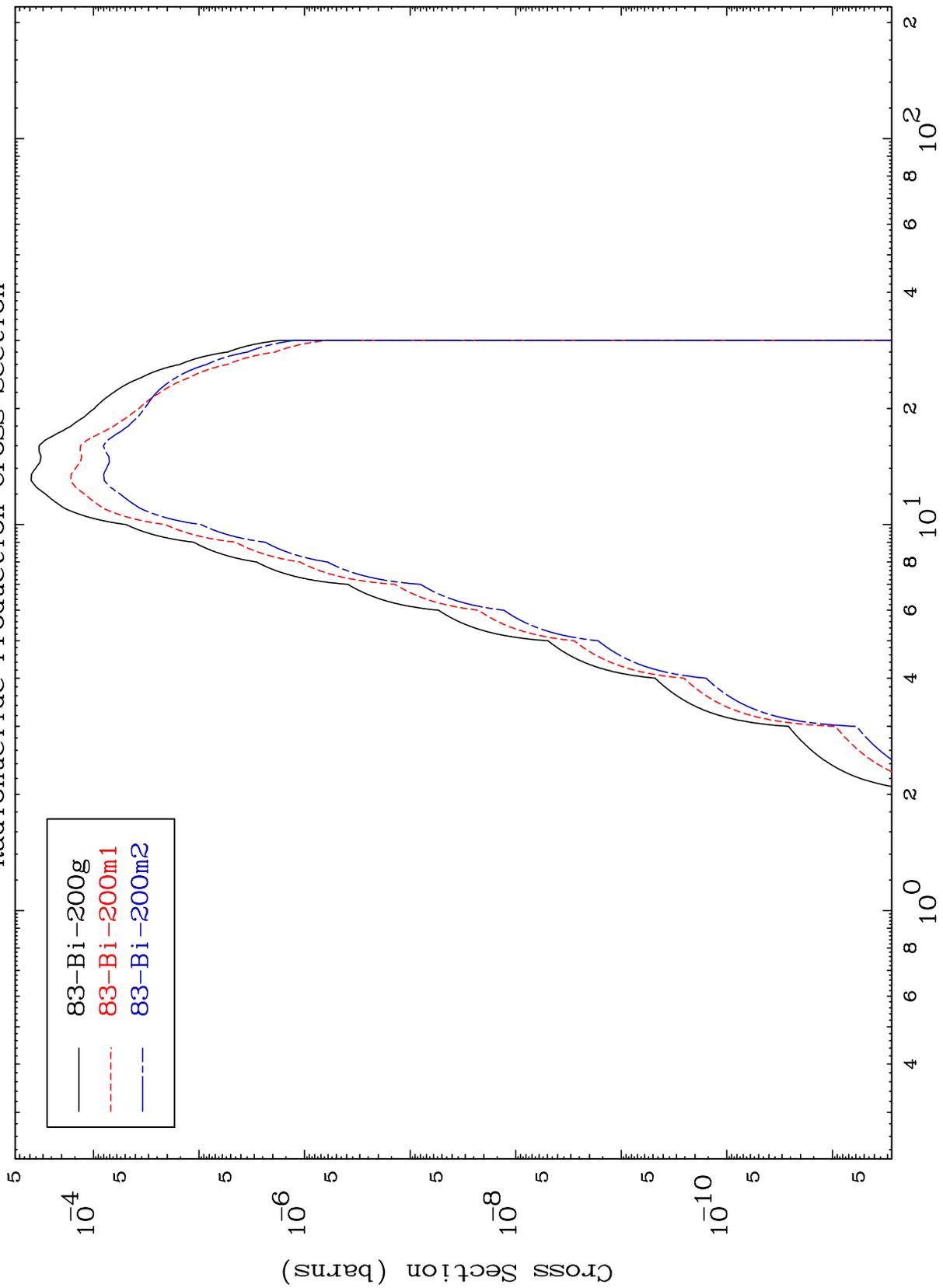
23

85-At-204

MAT 8528

85-At-204

(n, α)
Radionuclide Production Cross Section



83-Bi-200g
83-Bi-200m1
83-Bi-200m2

85-At-204

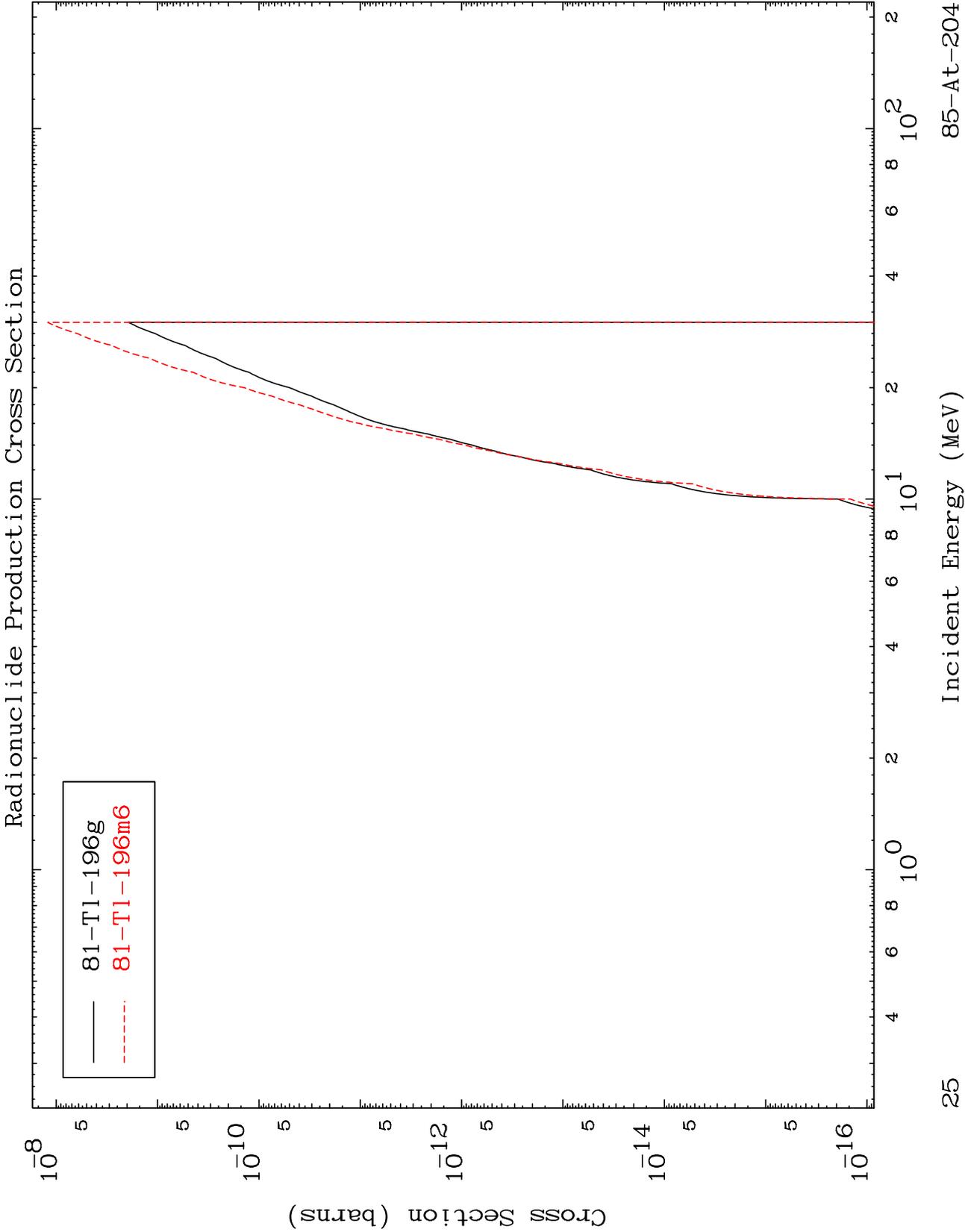
Incident Energy (MeV)

24

MAT 8528

(n,2α)

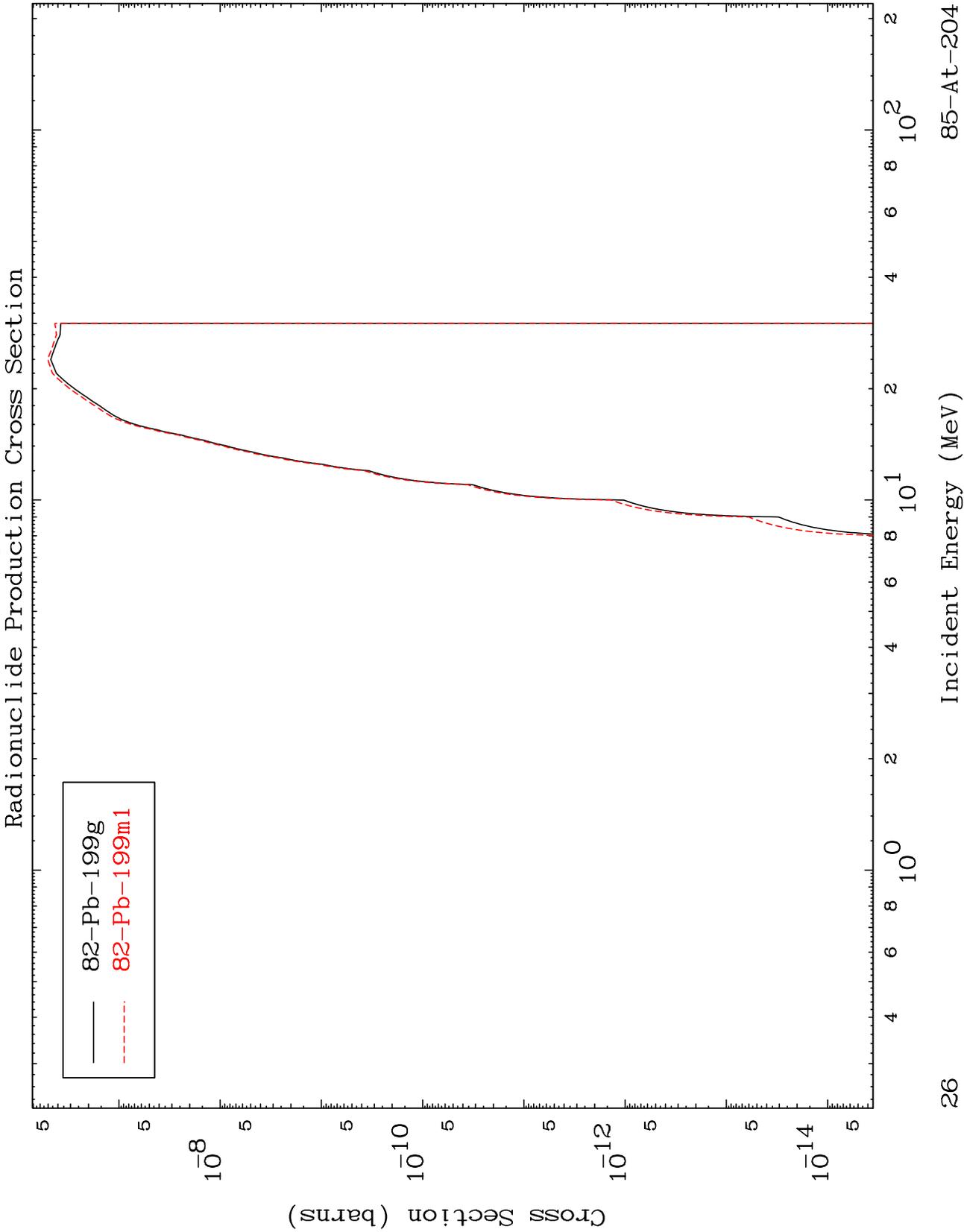
85-At-204



MAT 8528

(n,p) α

85-At-204



MAT 8528

(n,p) d

85-At-204

Radionuclide Production Cross Section

