

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

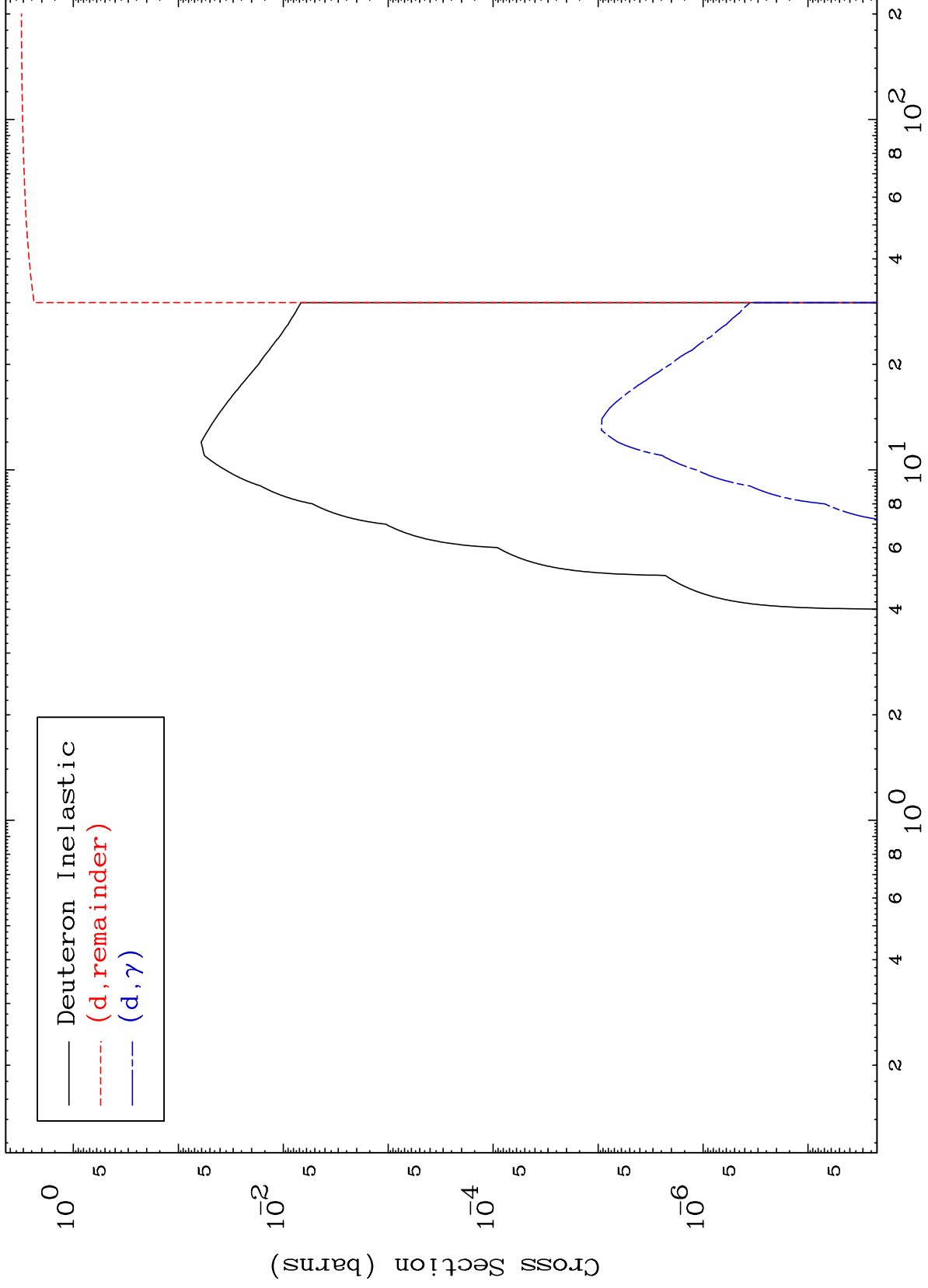
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

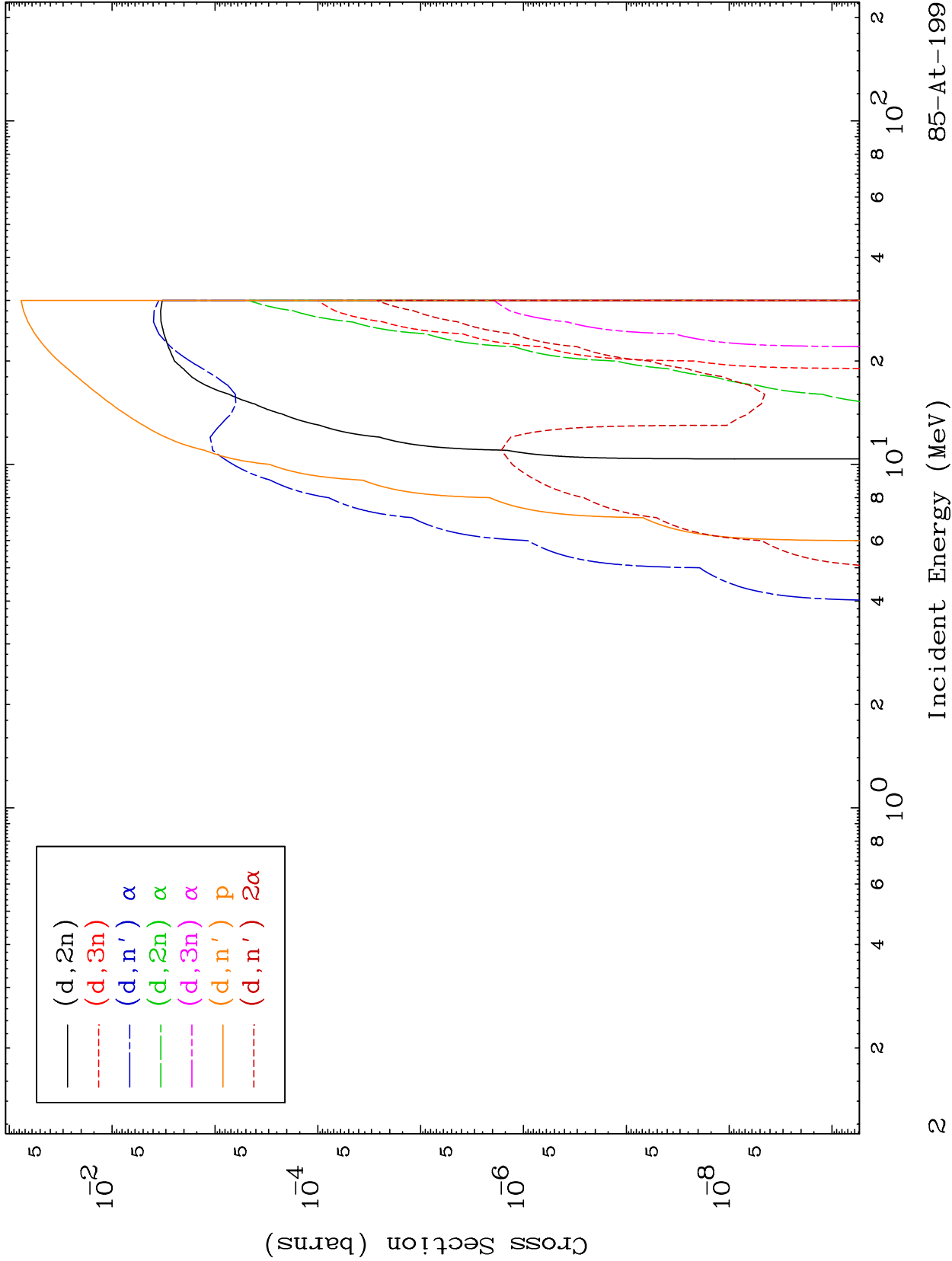
Tele: 925-443-1911

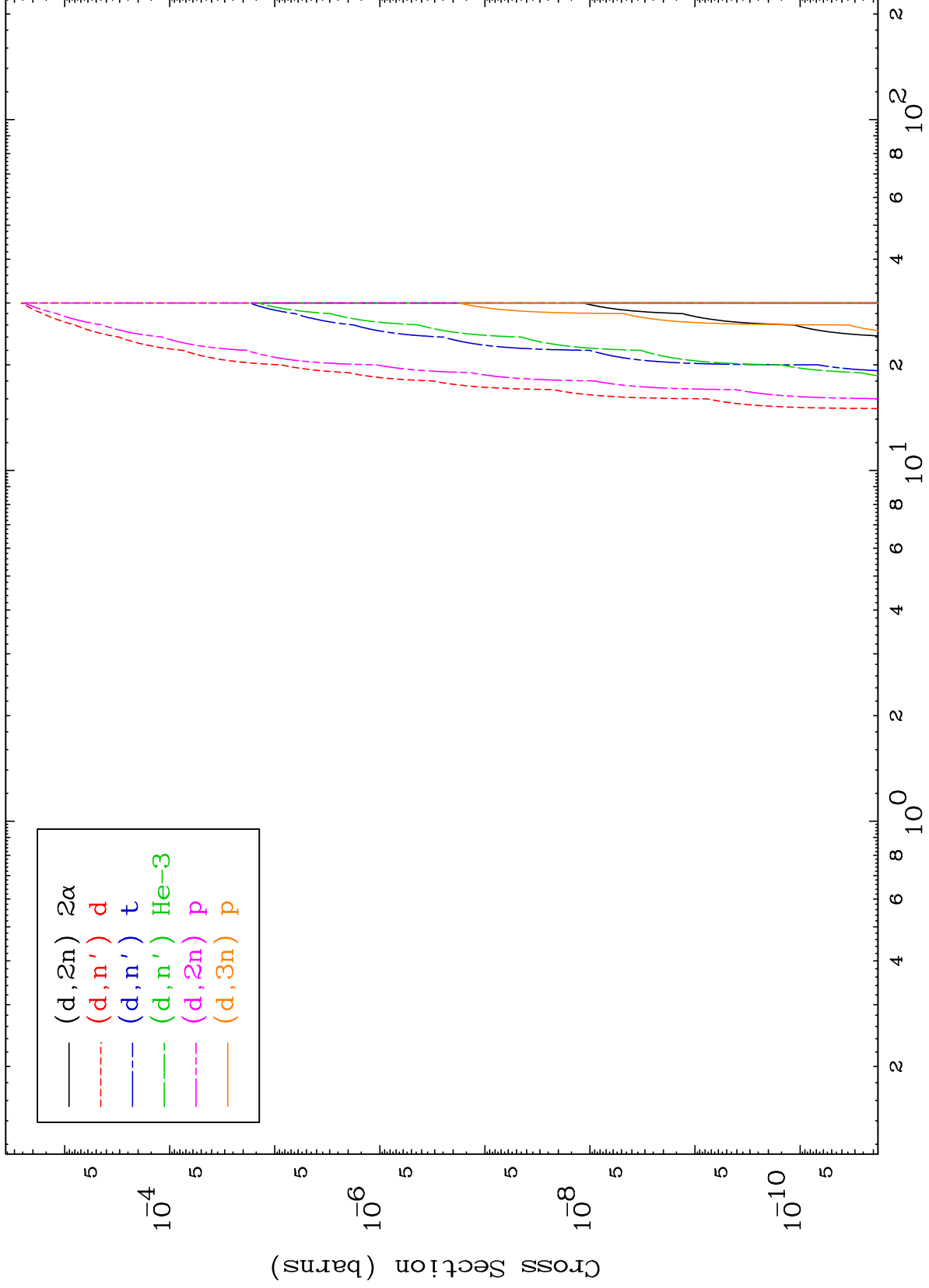
E.Mail: redcullen1@comcast.net

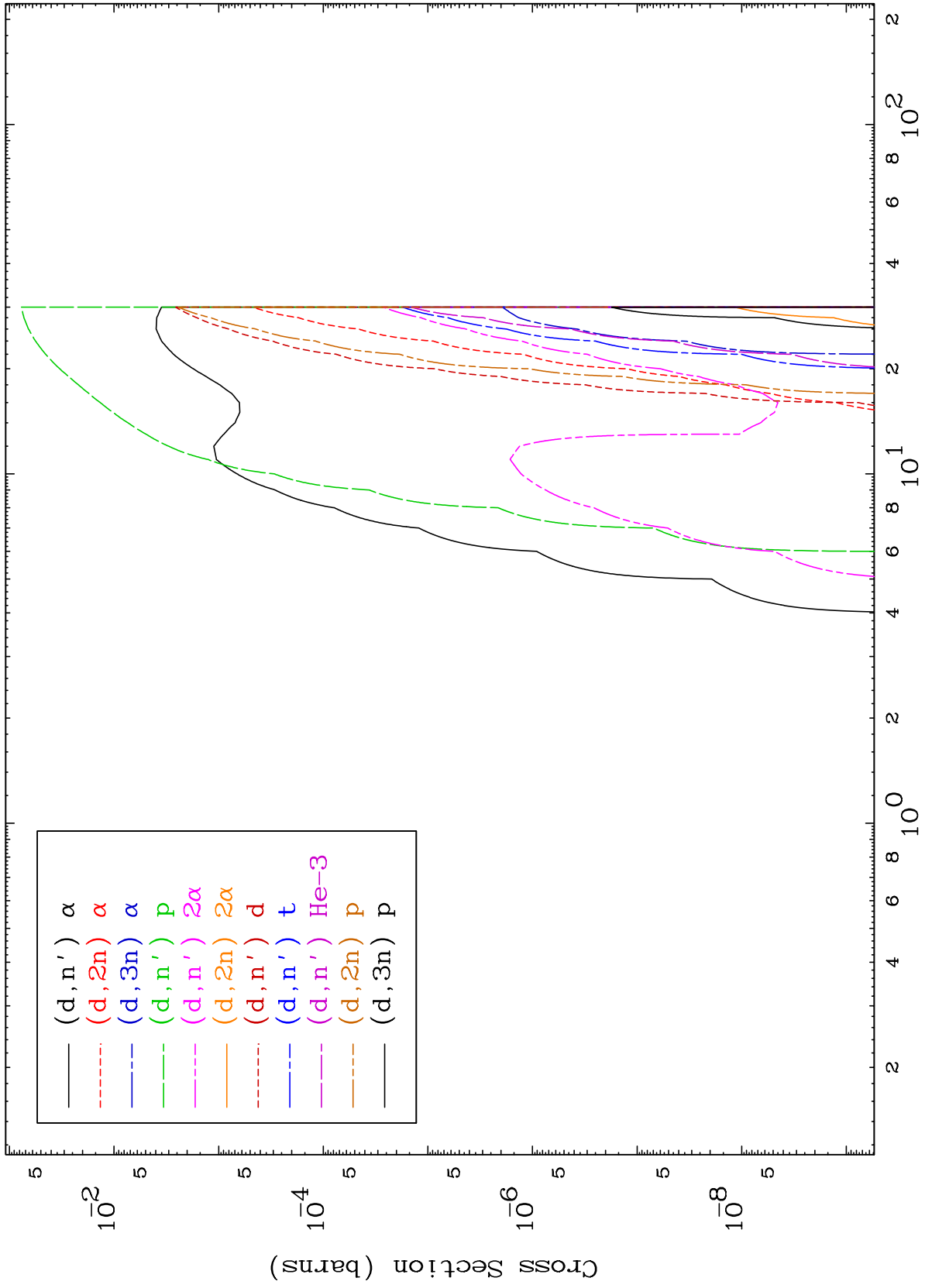
Web: redcullen1.net/HOMEPAGE.NEW

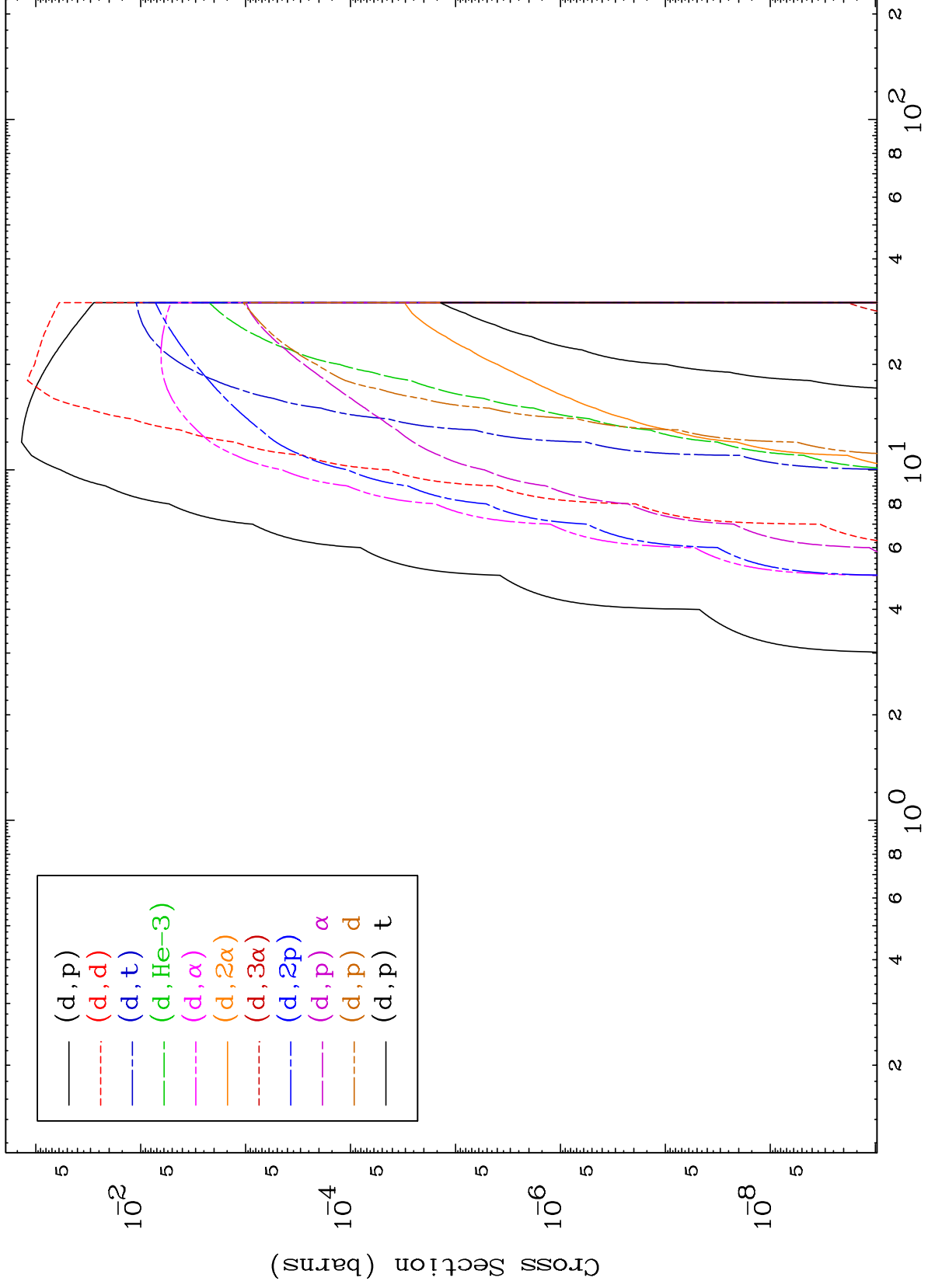
Press Mouse Button to Start









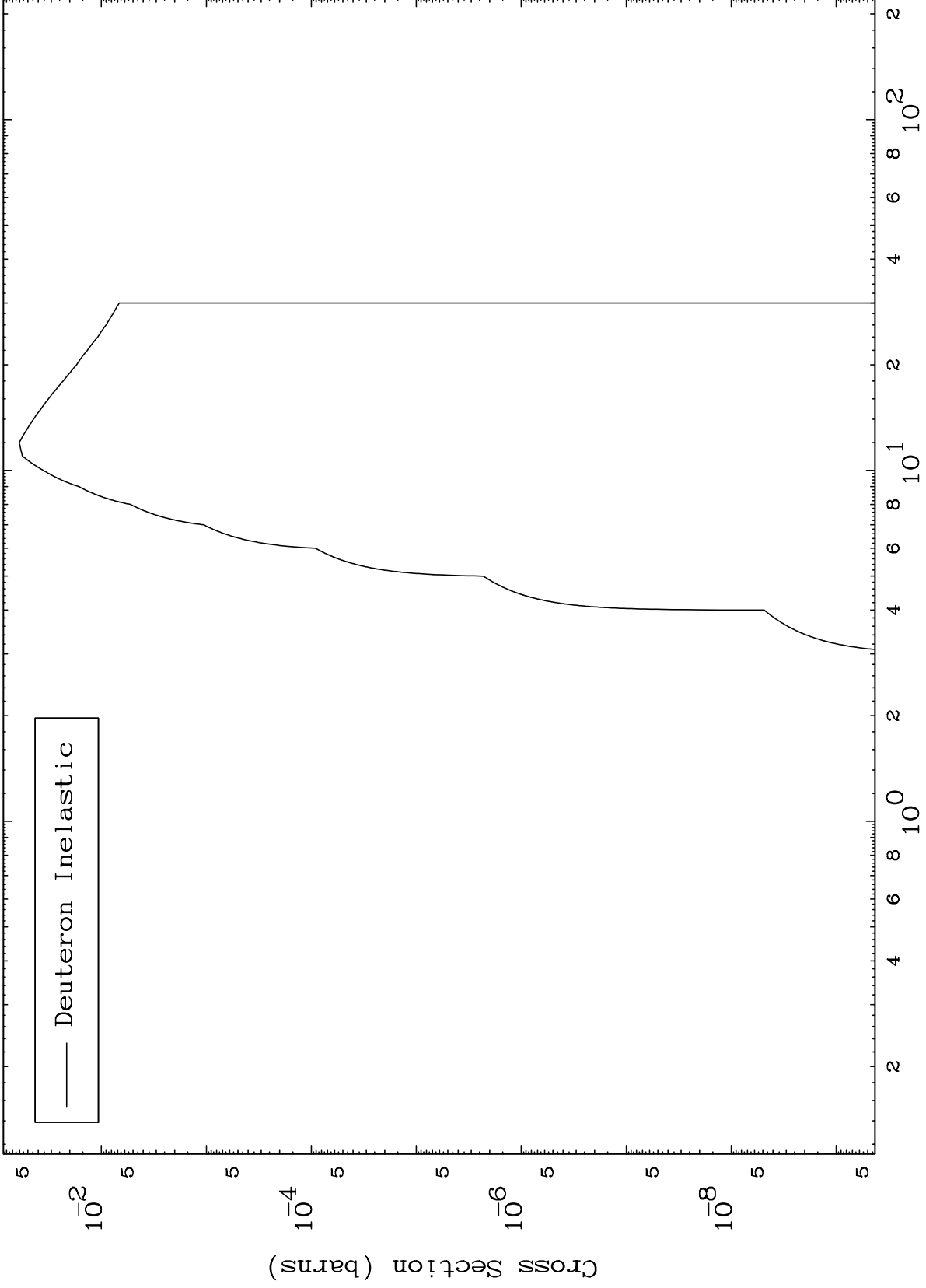


MAT 8513

(d,n') Level

85-At-199

0 Kelvin Cross Sections



6

Incident Energy (MeV)

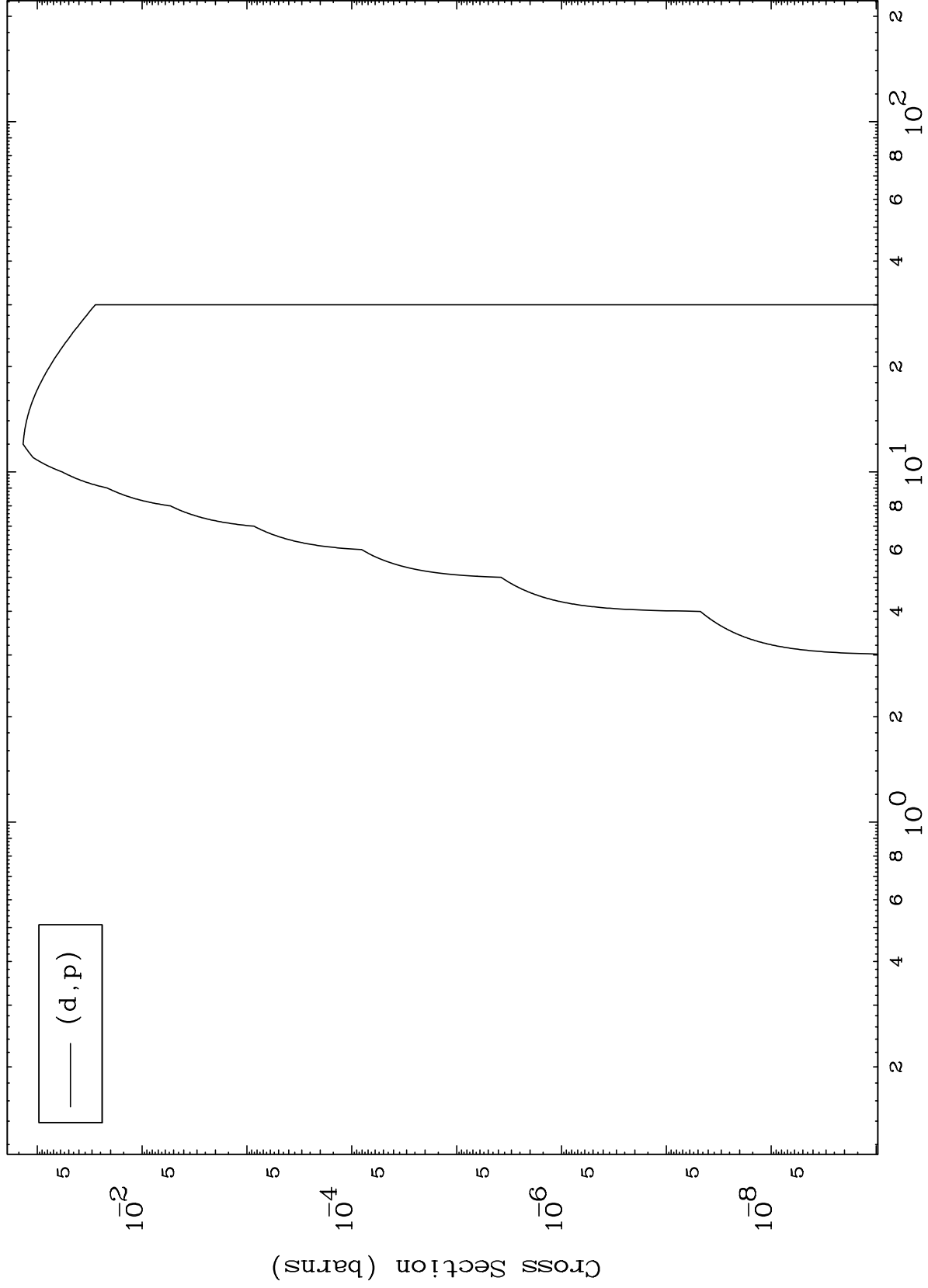
85-At-199

MAT 8513

(d,p) Levels

85-At-199

0 Kelvin Cross Sections



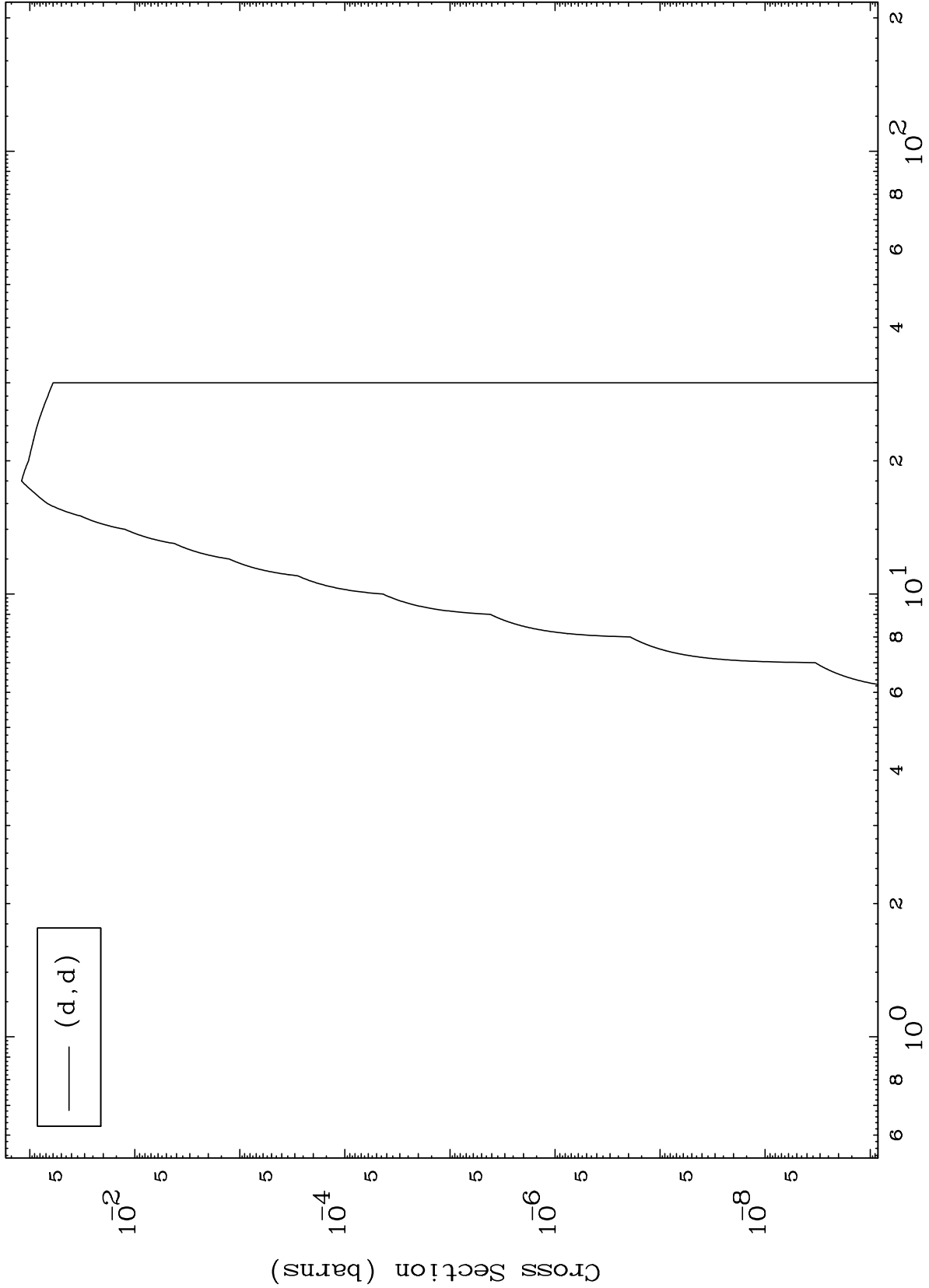
(d,p)

MAT 8513

(d,d) Levels

85-At-199

0 Kelvin Cross Sections



8

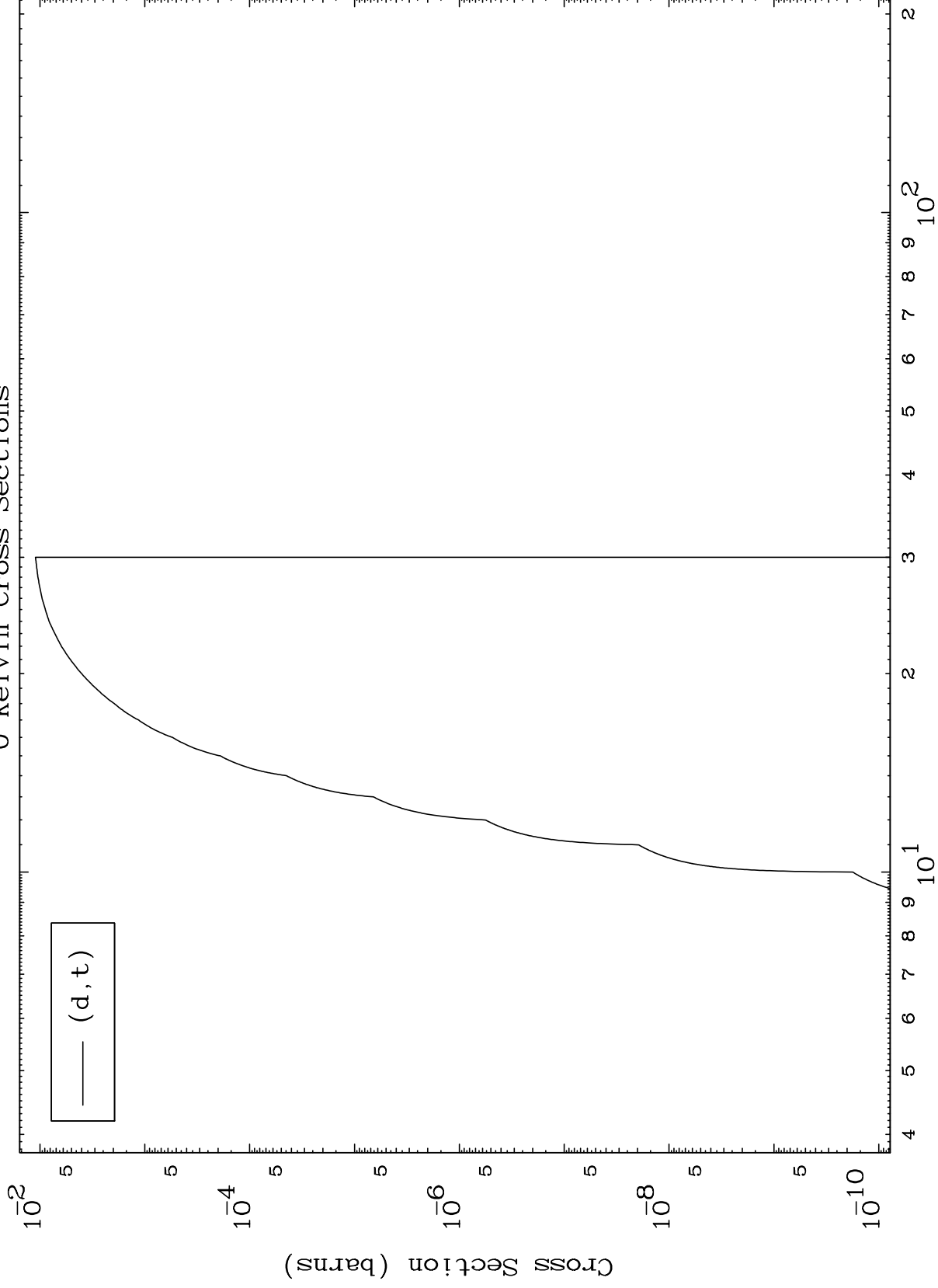
Incident Energy (MeV)

85-At-199

MAT 8513

(d,t) Levels
0 Kelvin Cross Sections

85-At-199



9

Incident Energy (MeV)

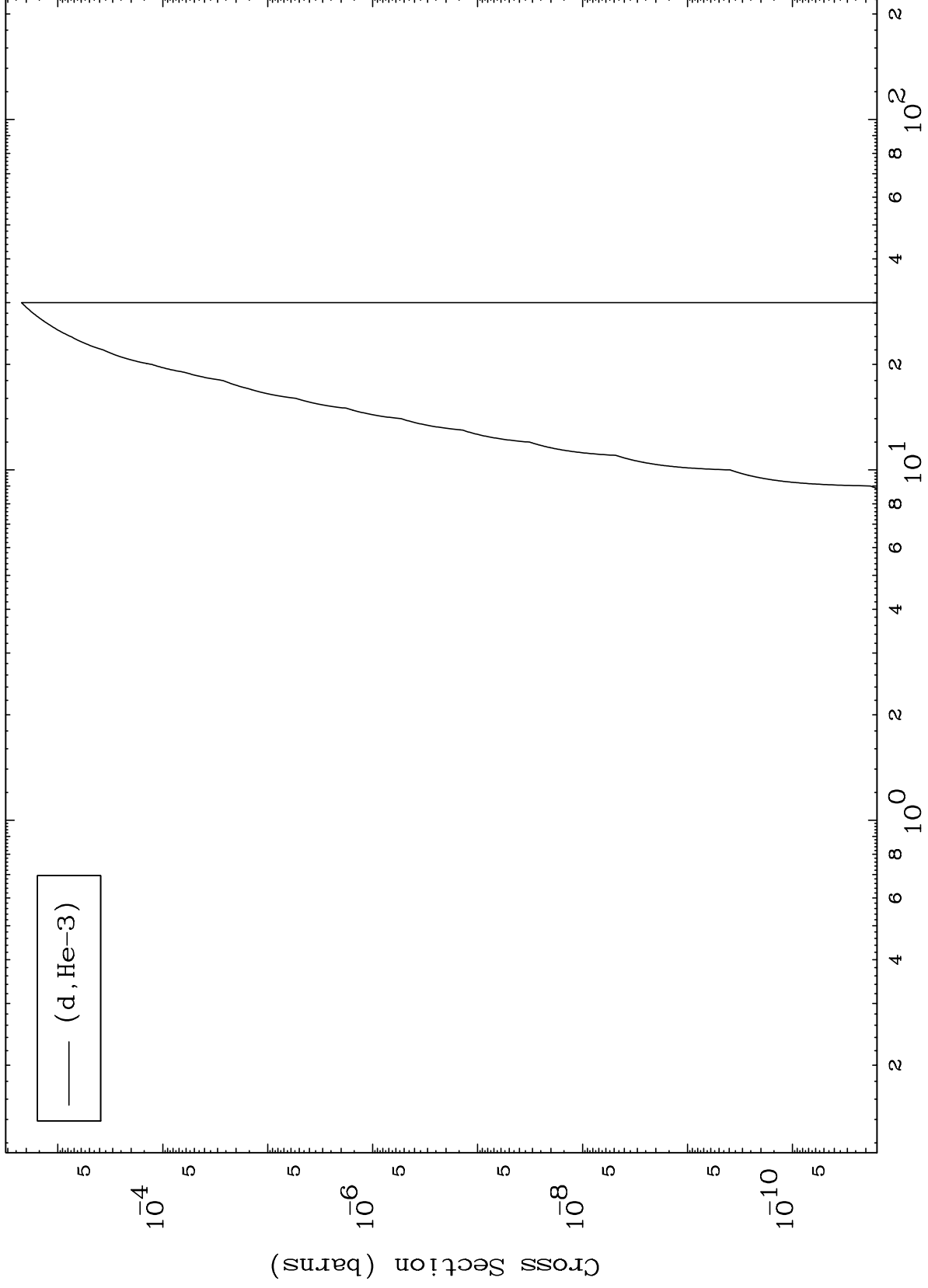
85-At-199

MAT 8513

(d,He3) Levels

85-At-199

0 Kelvin Cross Sections



10

Incident Energy (MeV)

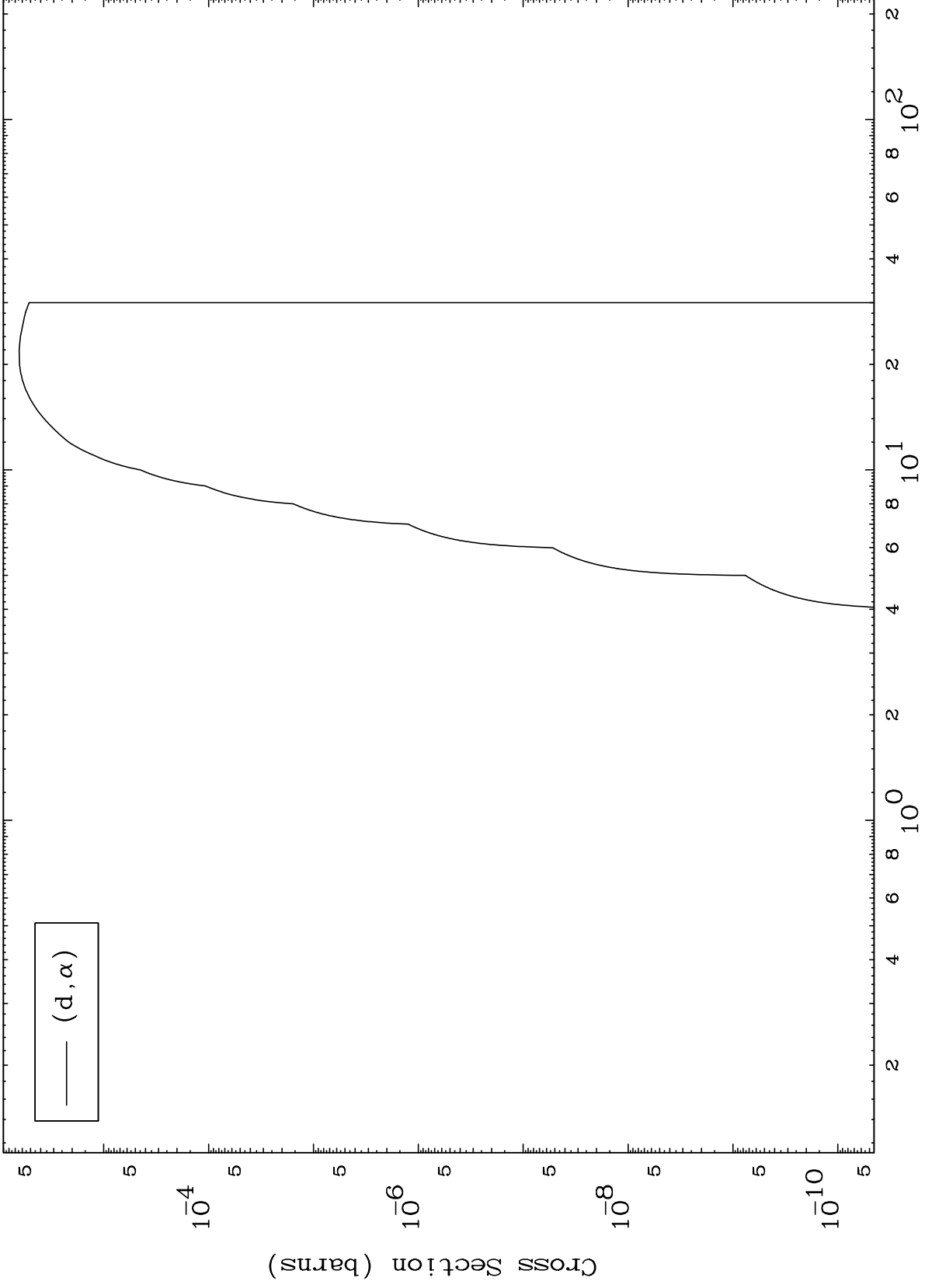
85-At-199

MAT 8513

(d, α) Levels

85-At-199

0 Kelvin Cross Sections



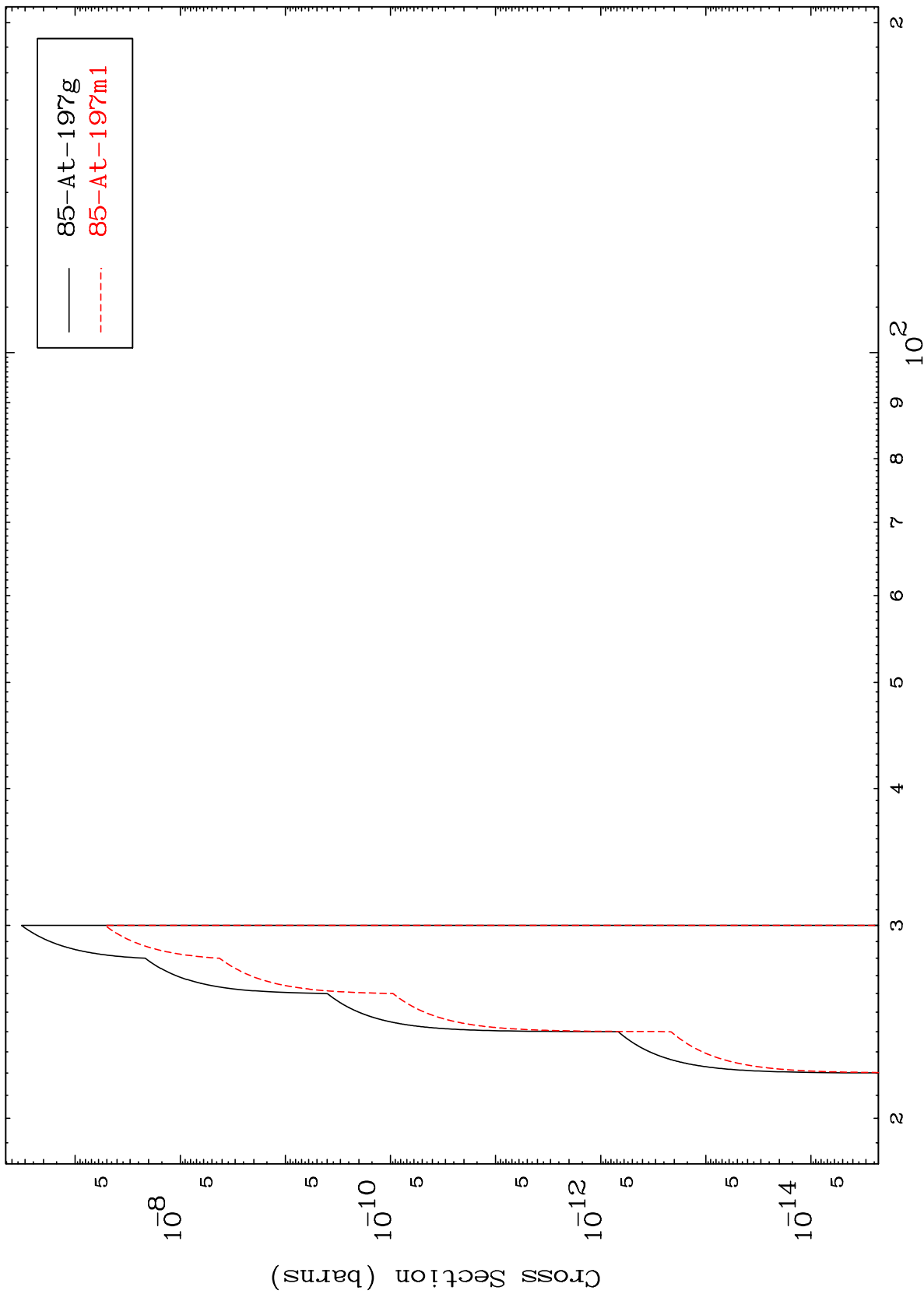
(d, α)

MAT 8513

(d,2n) d

85-At-199

Radionuclide Production Cross Section



12

Incident Energy (MeV)

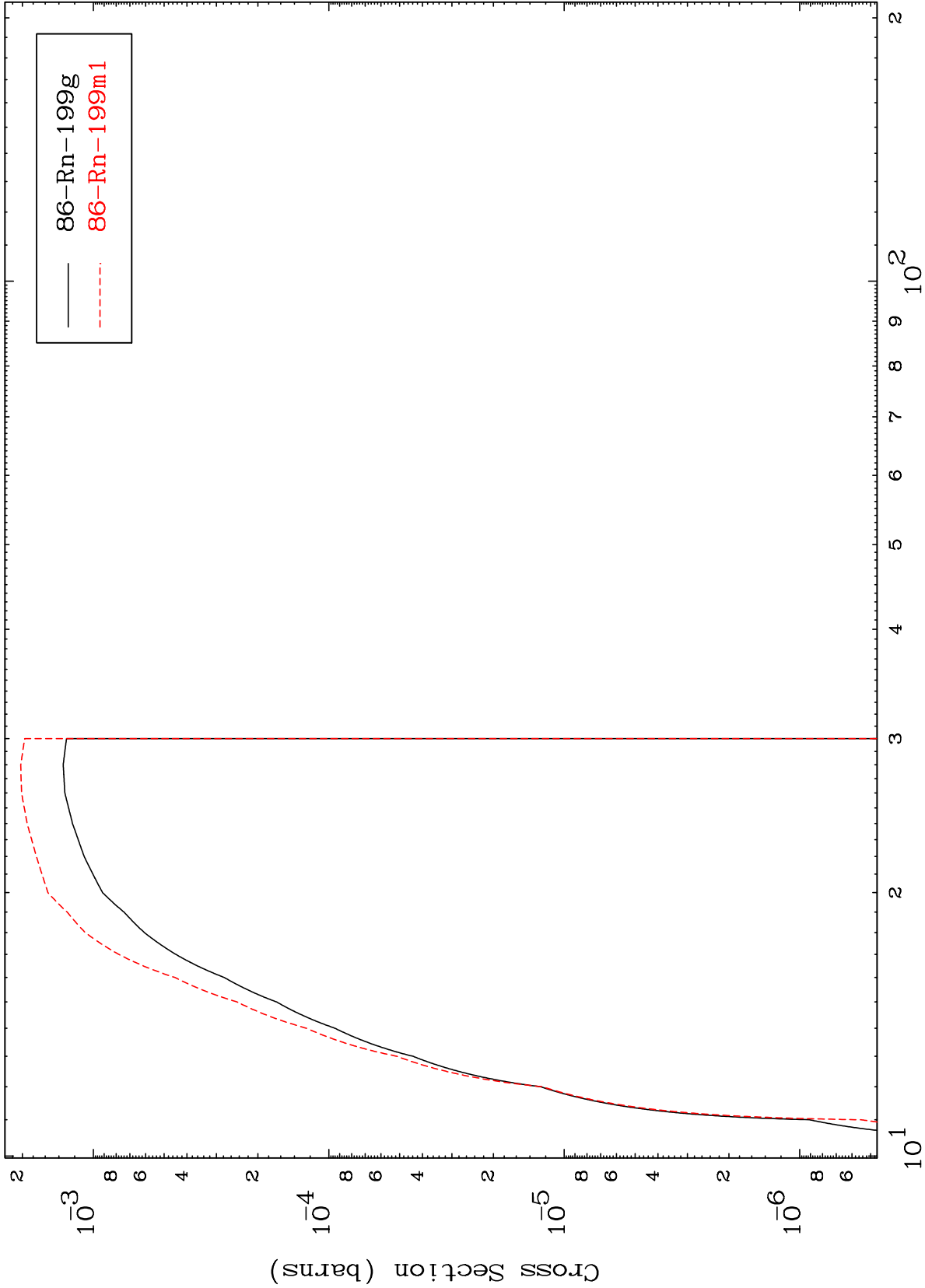
85-At-199

MAT 8513

(d,2n)

85-At-199

Radionuclide Production Cross Section



Incident Energy (MeV)

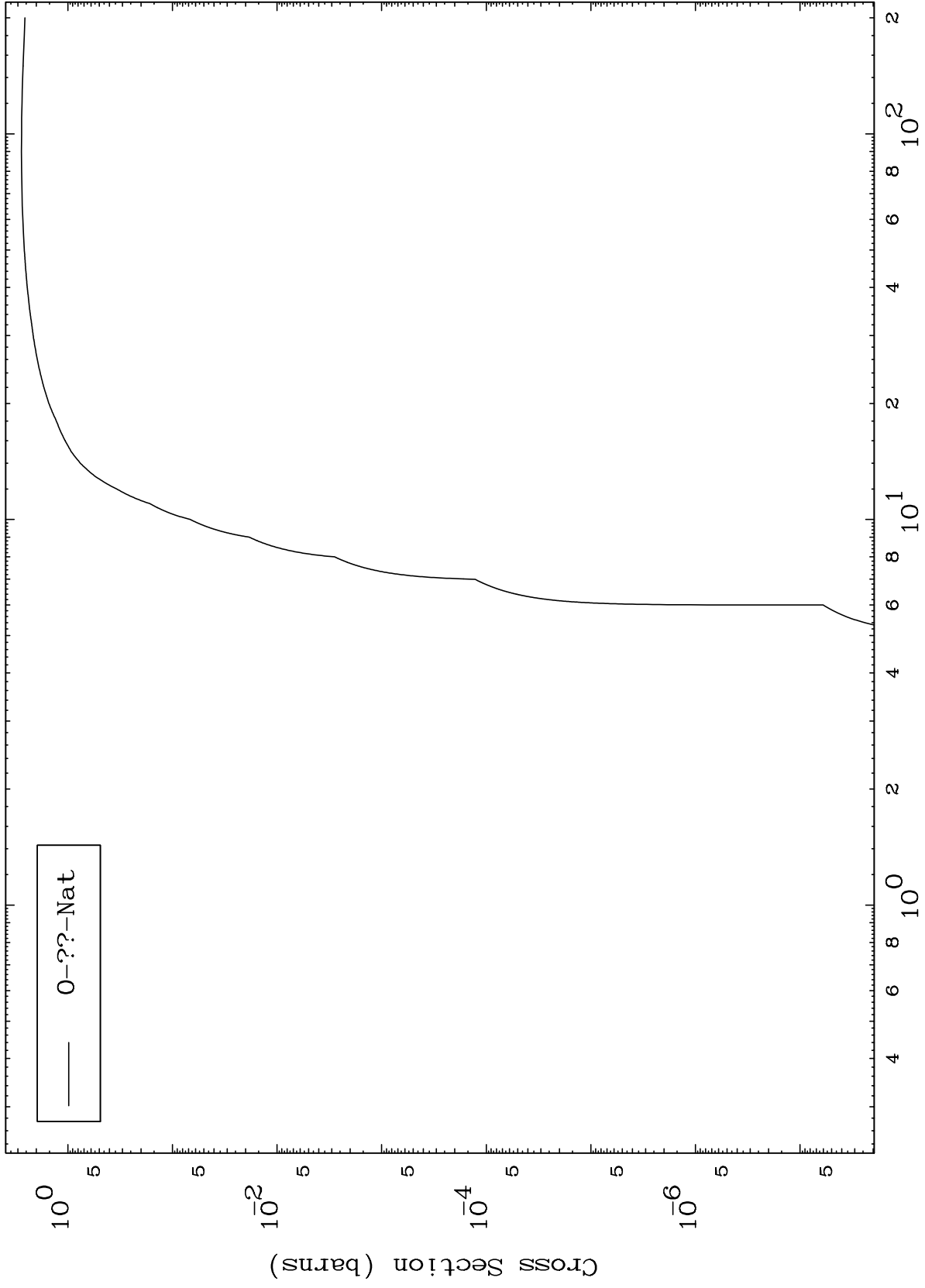
85-At-199

13

MAT 8513

85-At-199

Deuteron Fission
Radionuclide Production Cross Section



14

Incident Energy (MeV)

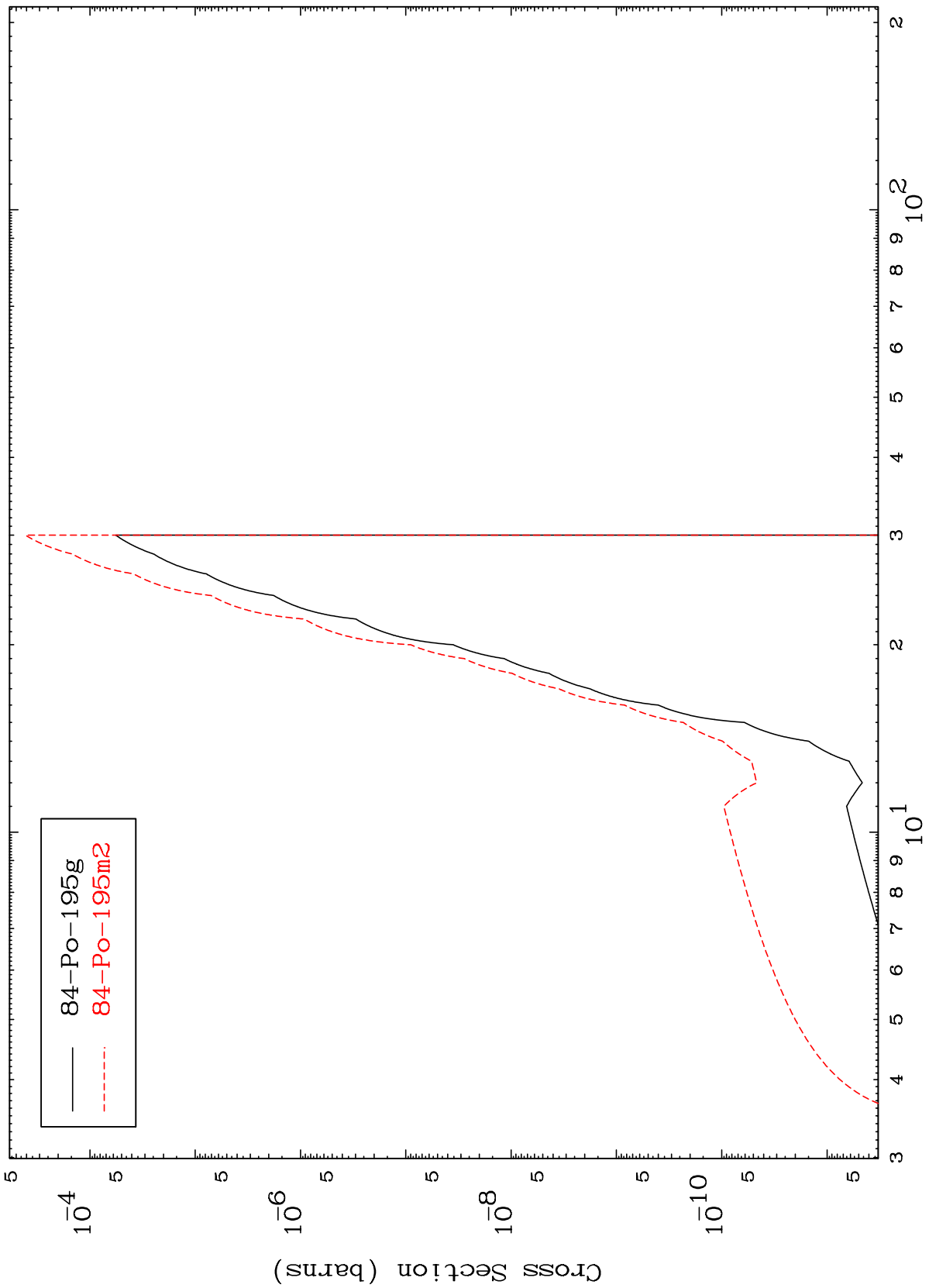
85-At-199

MAT 8513

(d,2n) α

85-At-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

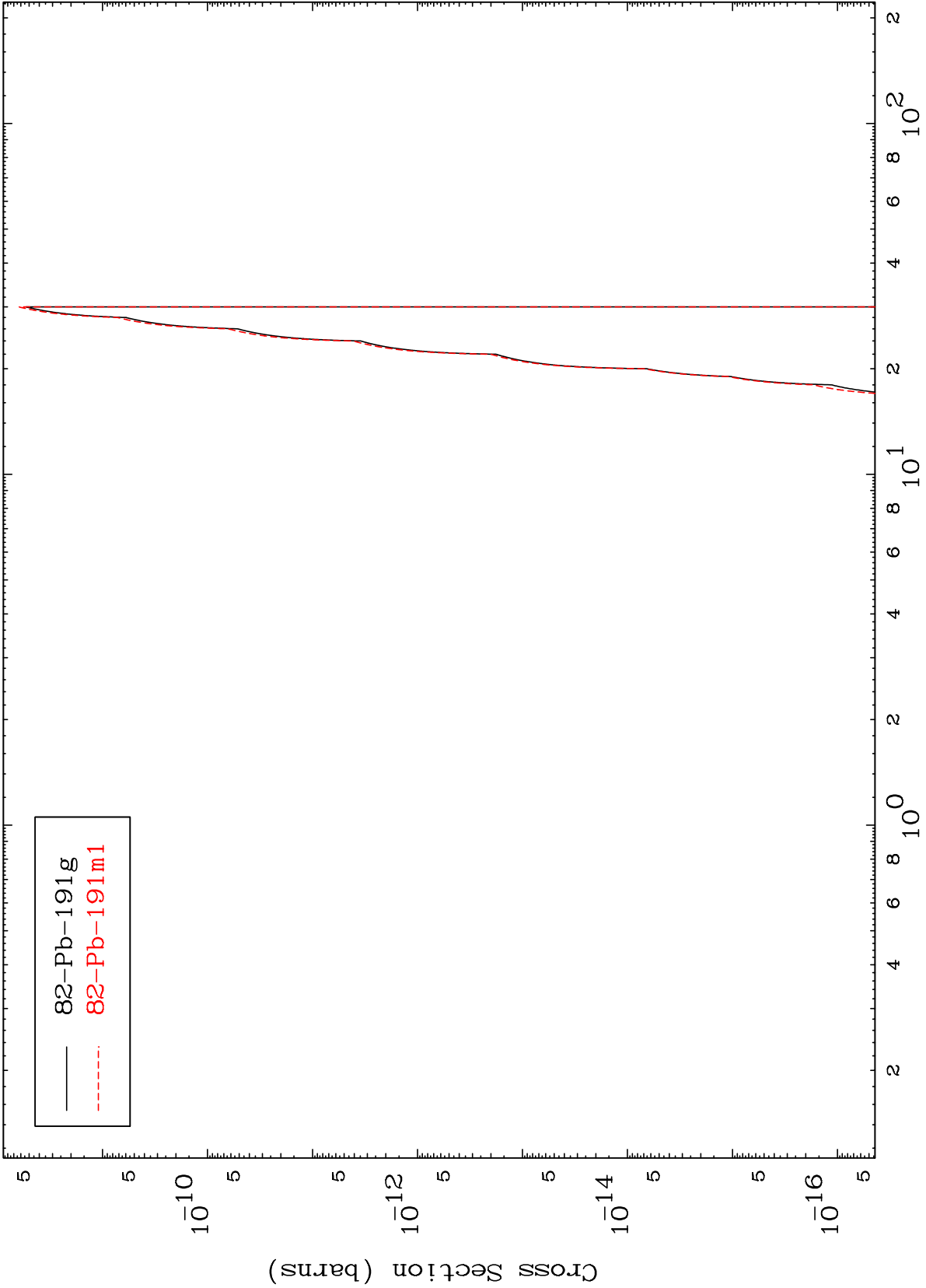
85-At-199

MAT 8513

(d,2n) ^{208}Pb

85-At-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

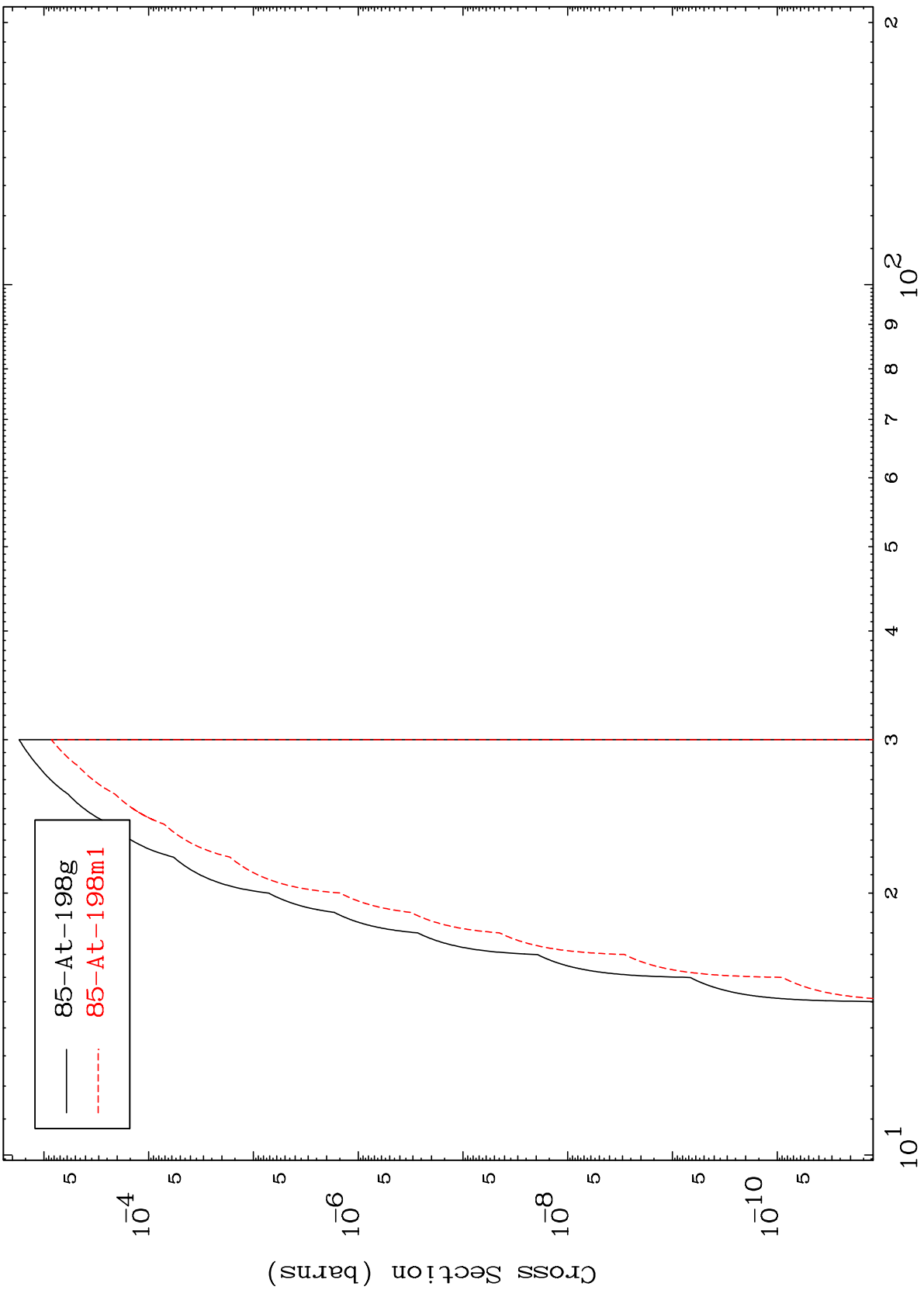
85-At-199

MAT 8513

(d,n') d

85-At-199

Radionuclide Production Cross Section



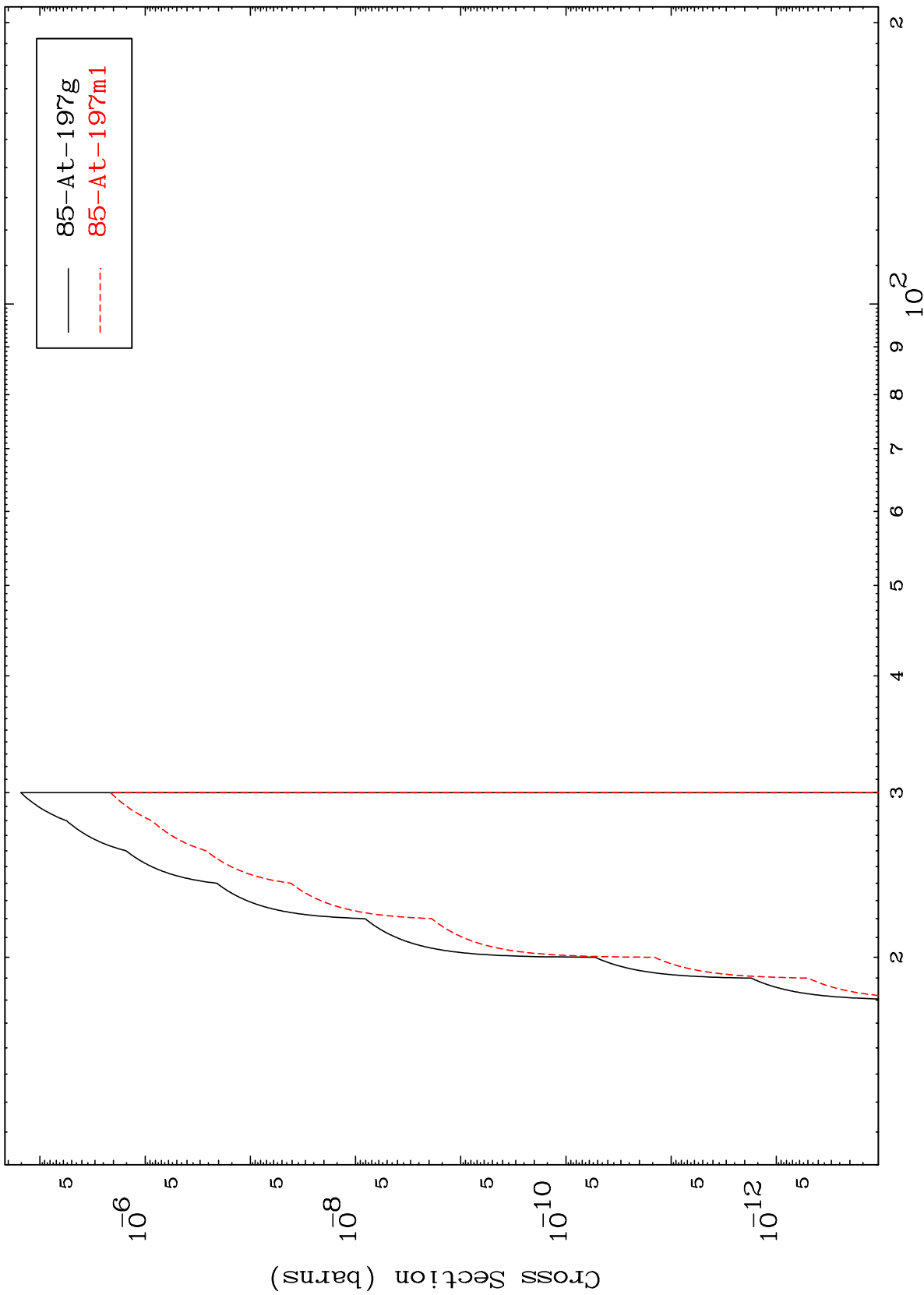
85-At-198g
85-At-198m1

Incident Energy (MeV)

85-At-199

17

Radionuclide Production Cross Section

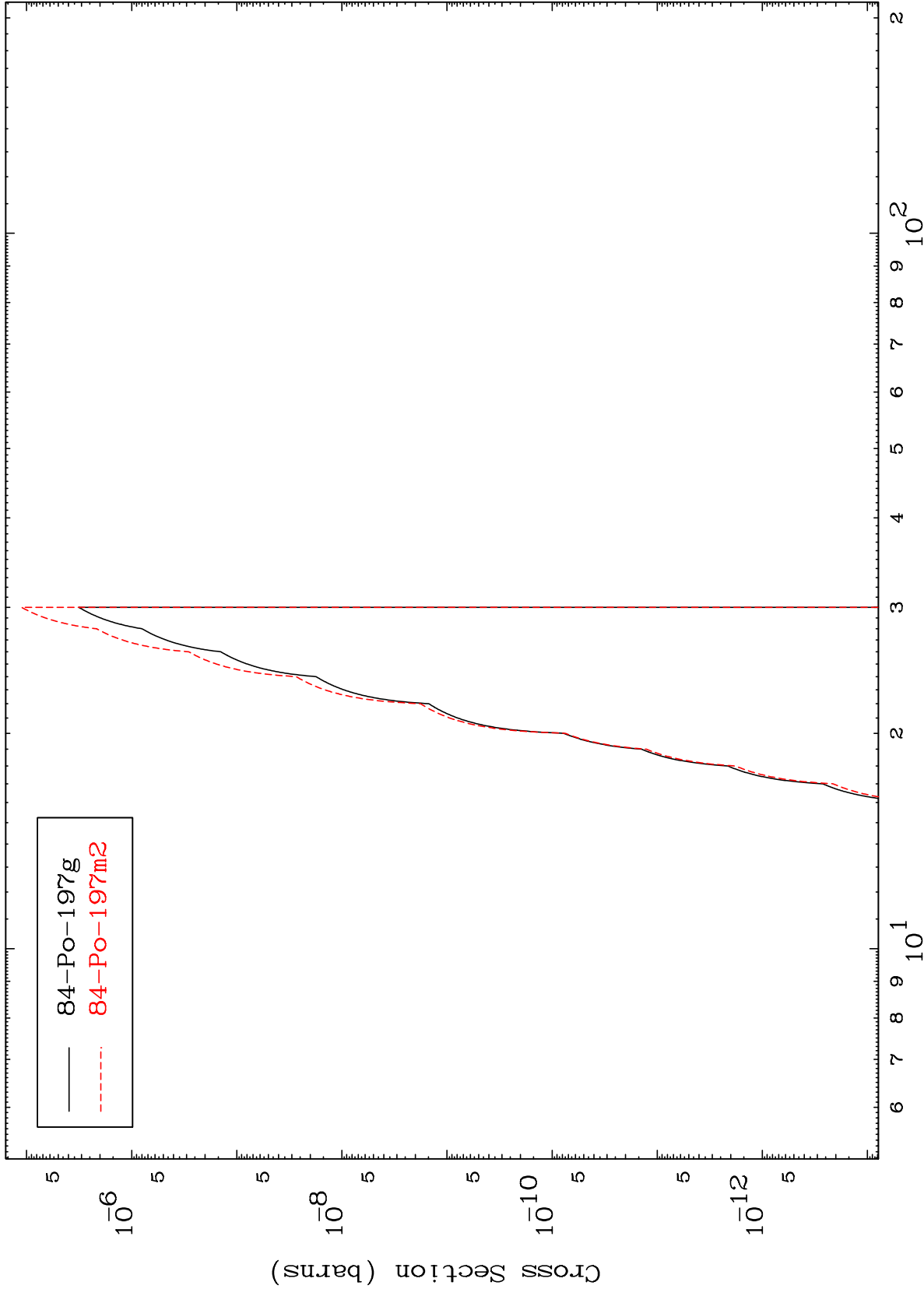


MAT 8513

(d,n') He-3

85-At-199

Radionuclide Production Cross Section



19

Incident Energy (MeV)

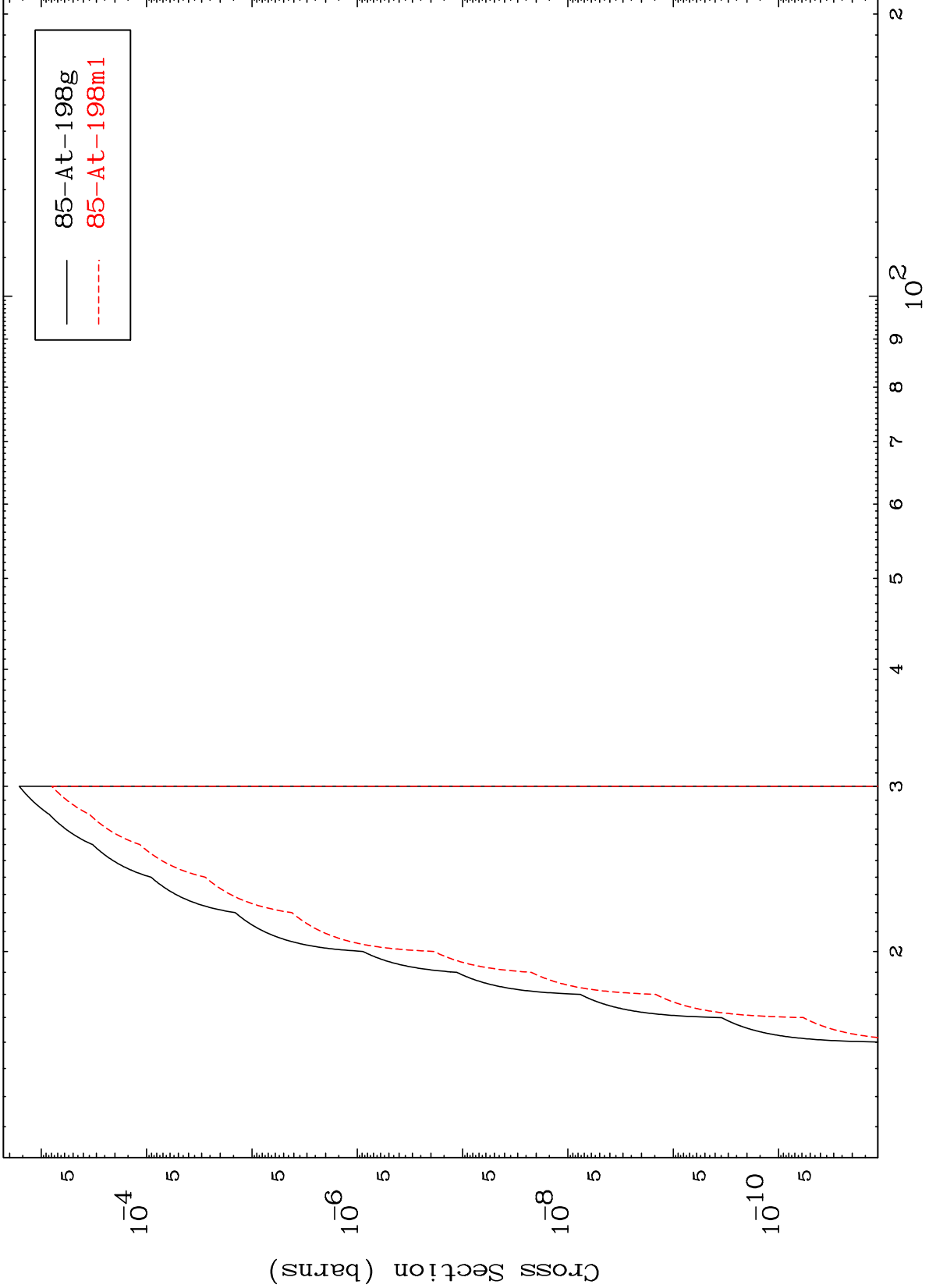
85-At-199

MAT 8513

(d,2n) p

85-At-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

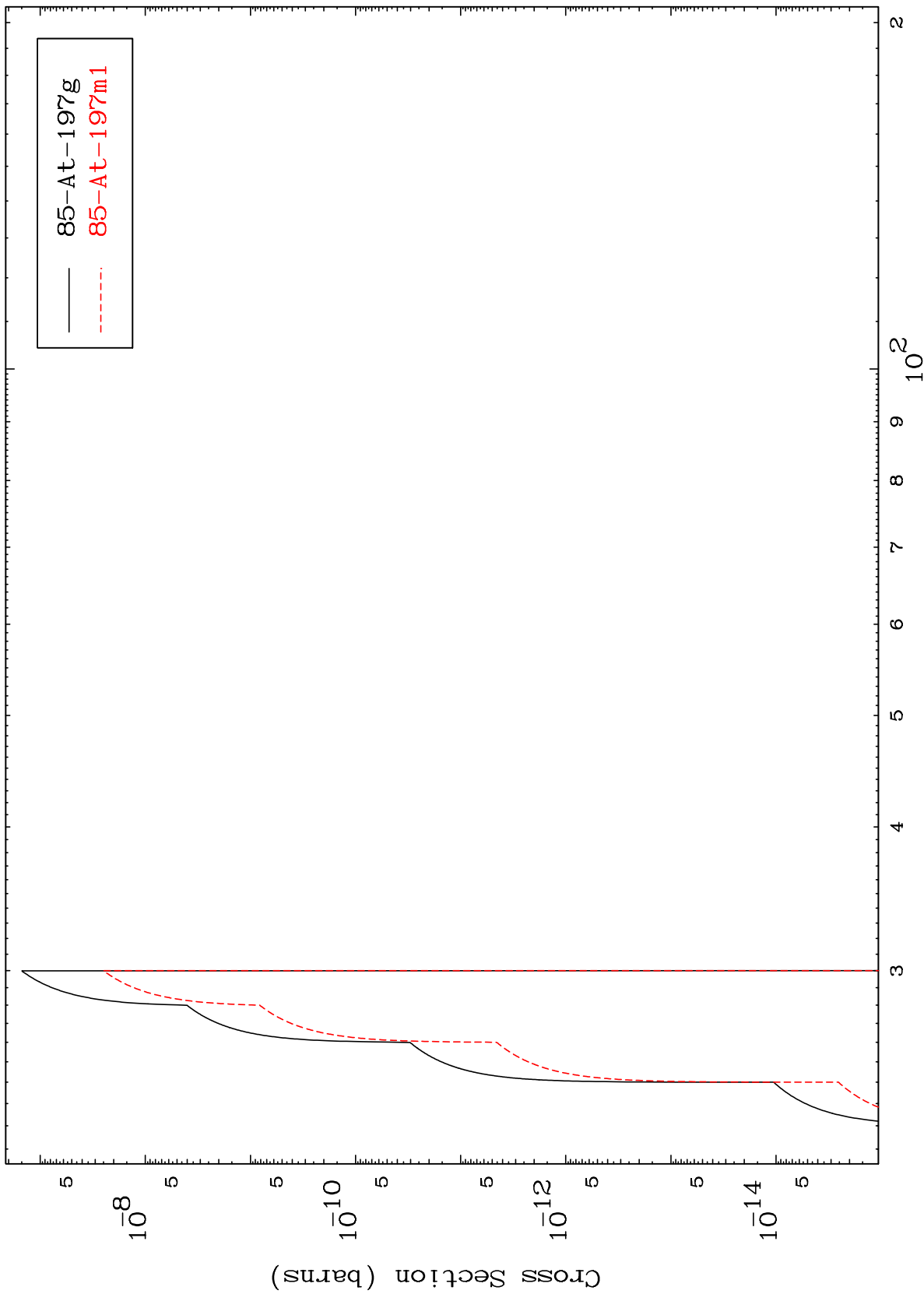
85-At-199

MAT 8513

(d,3n) p

85-At-199

Radionuclide Production Cross Section

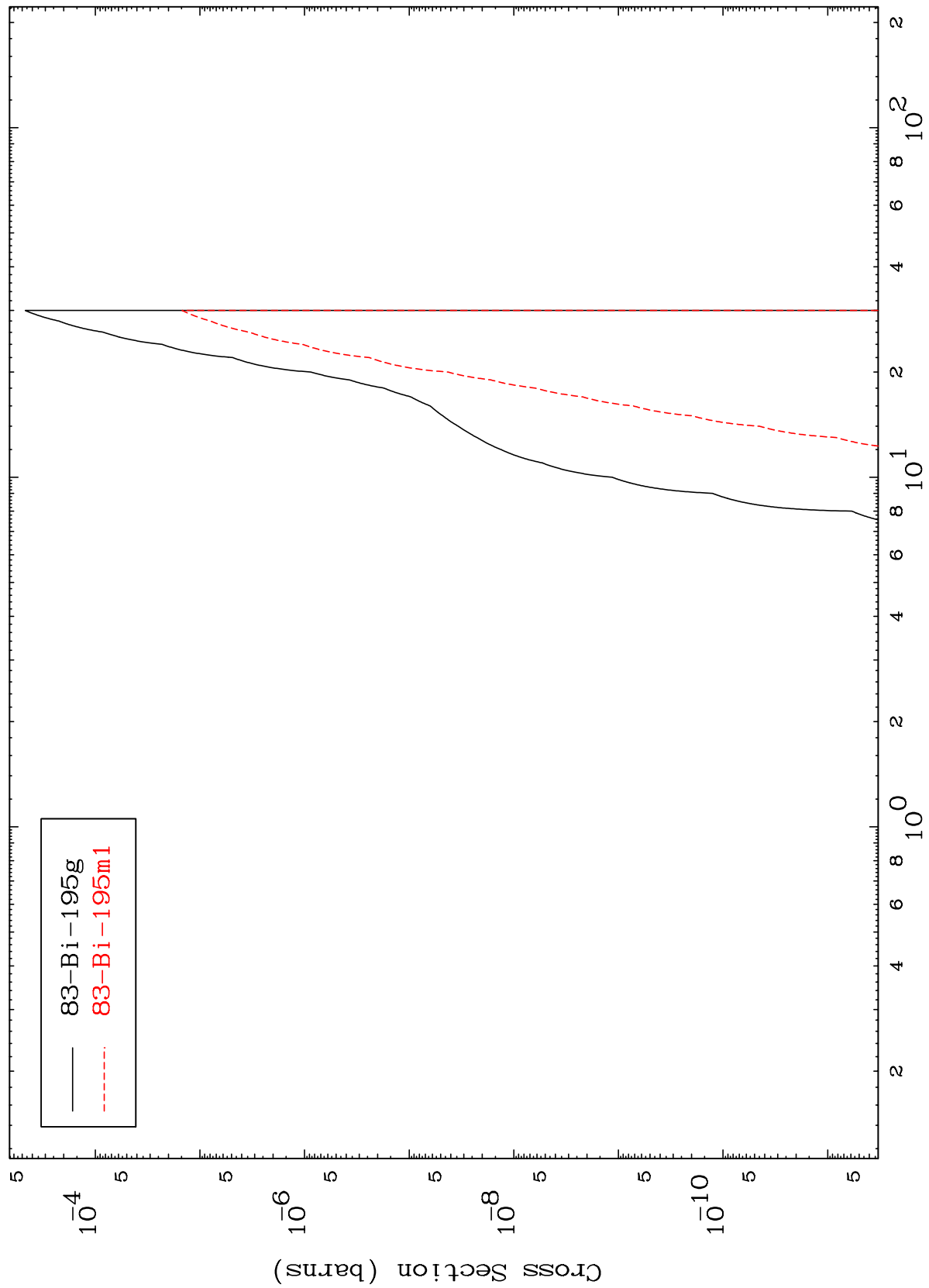


MAT 8513

(d,n') p α

85-At-199

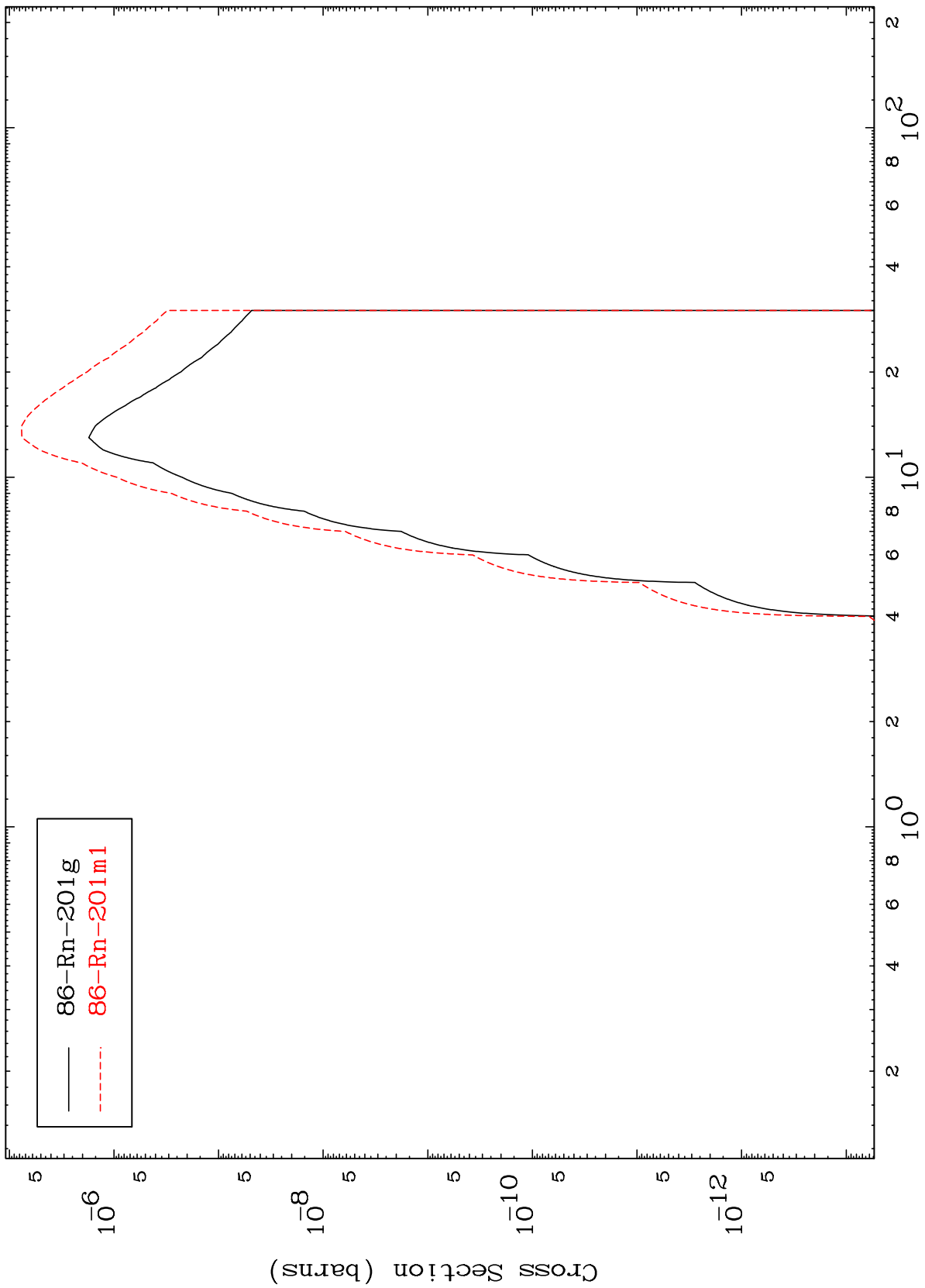
Radionuclide Production Cross Section



MAT 8513

85-At-199

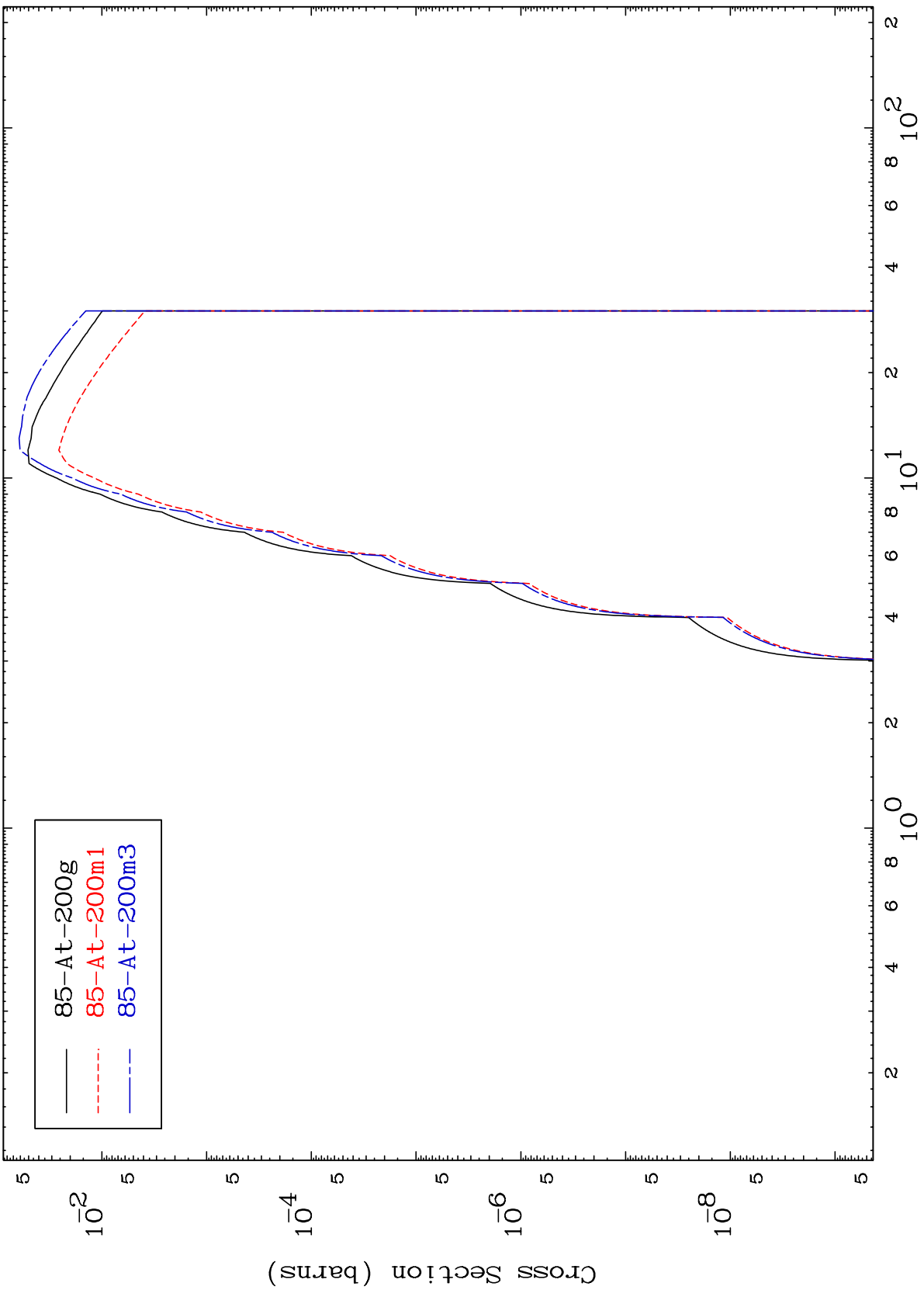
(d, γ)
Radionuclide Production Cross Section



MAT 8513

85-At-199

(d,p)
Radionuclide Production Cross Section



85-At-200g
85-At-200m1
85-At-200m3

85-At-199

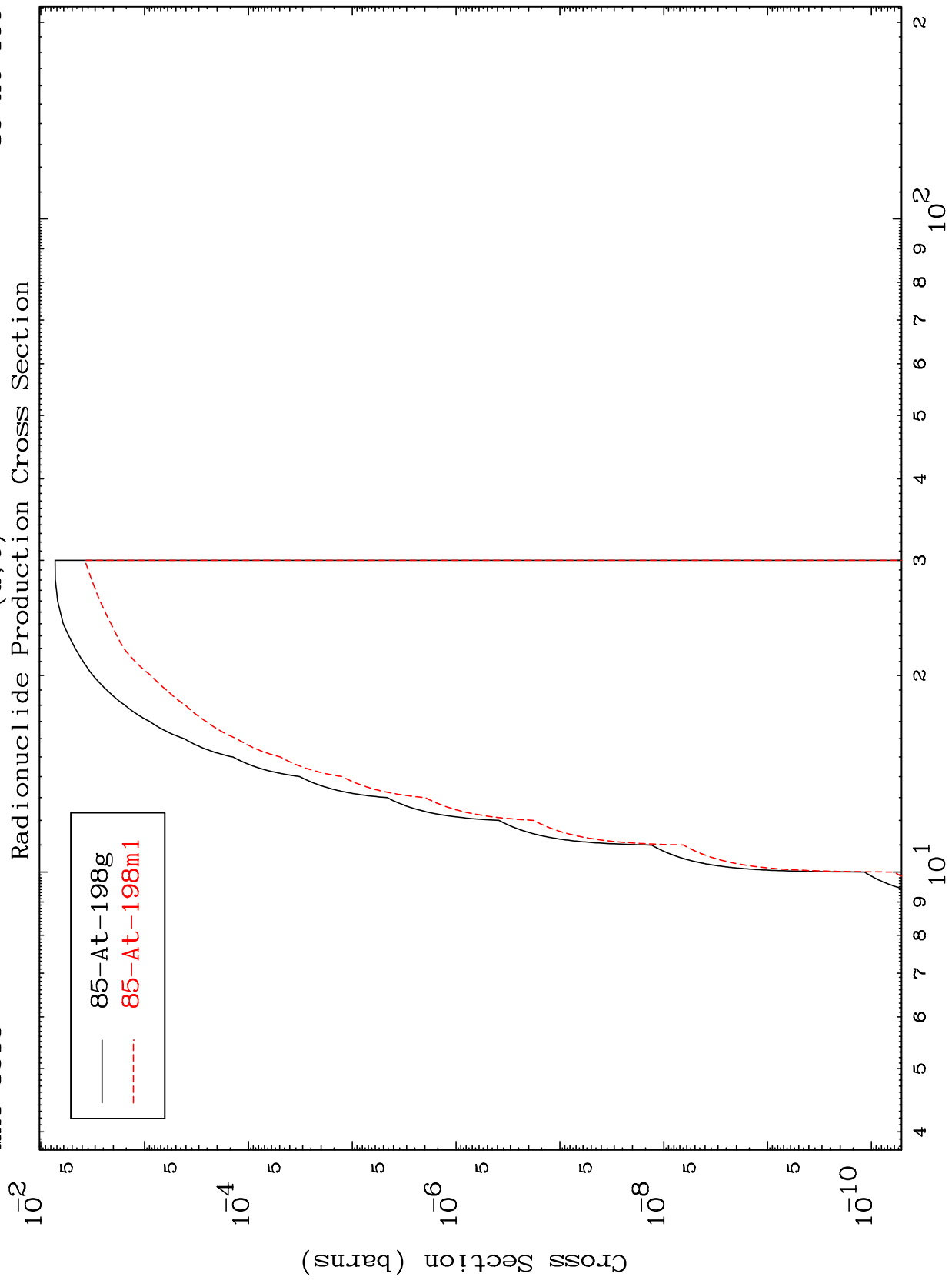
Incident Energy (MeV)

24

MAT 8513

85-At-199

(d, t)
Radionuclide Production Cross Section



85-At-199

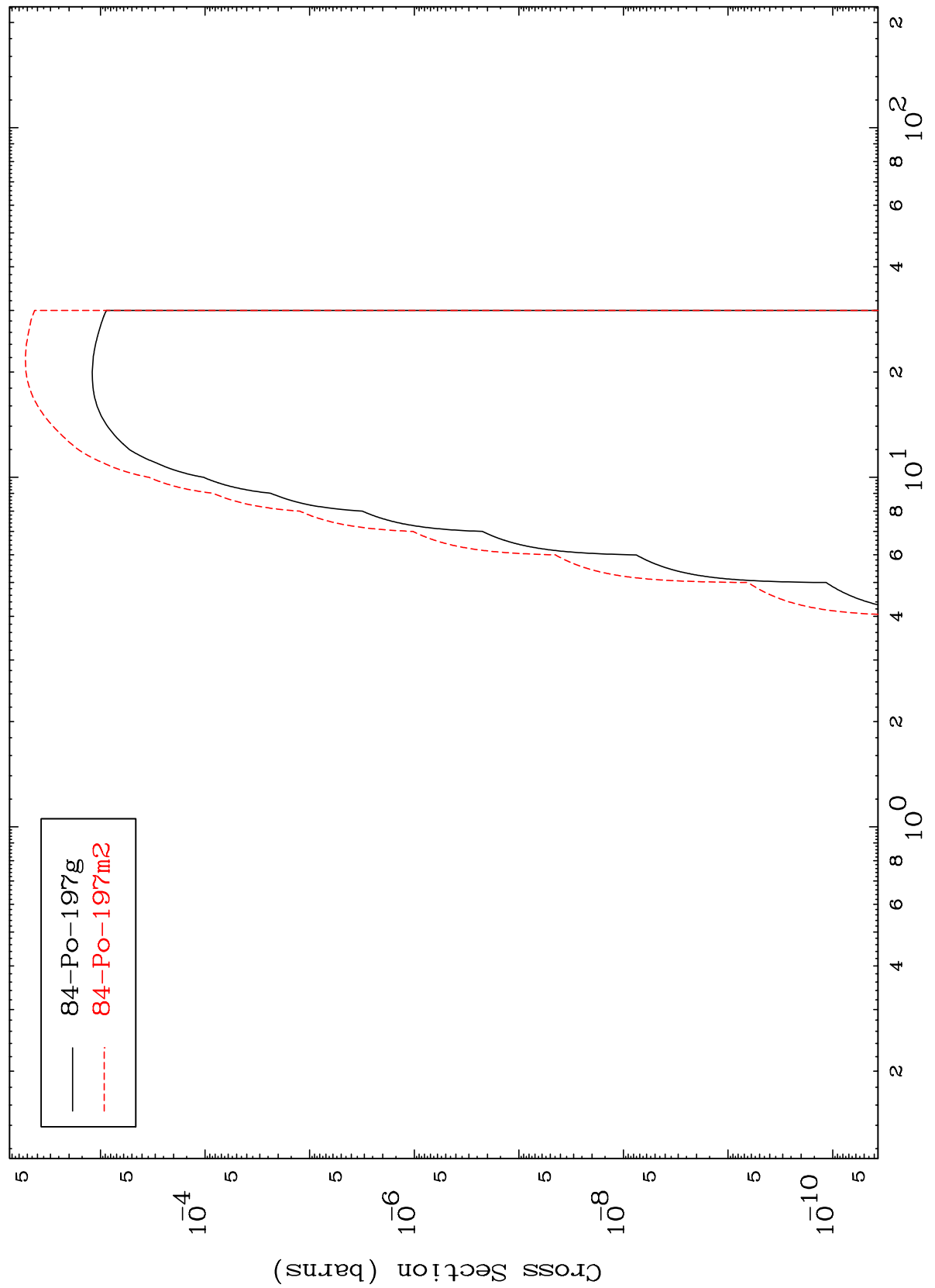
Incident Energy (MeV)

25

MAT 8513

85-At-199

Radionuclide Production Cross Section
(d, α)

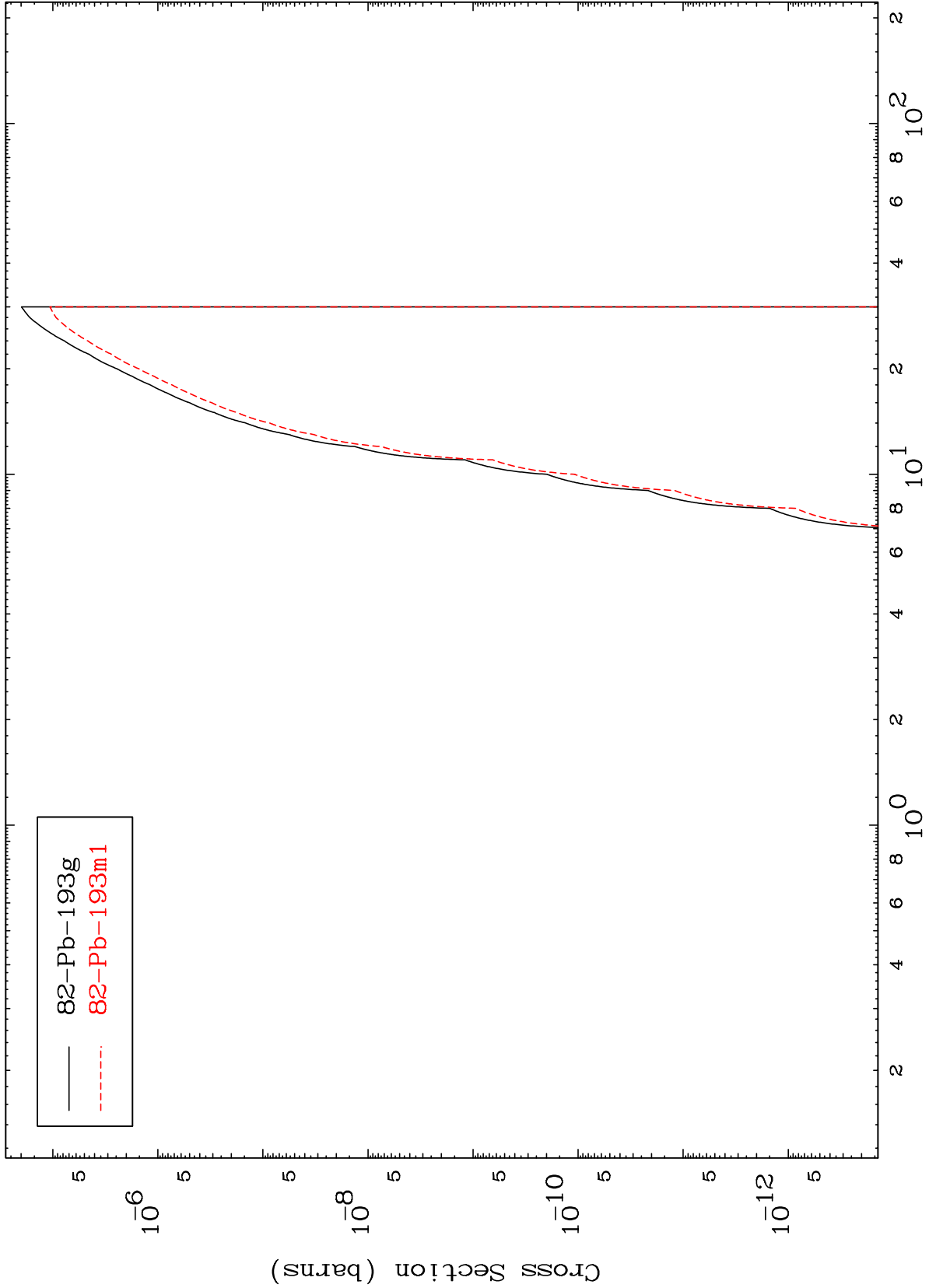


MAT 8513

(d,2 α)

85-At-199

Radionuclide Production Cross Section



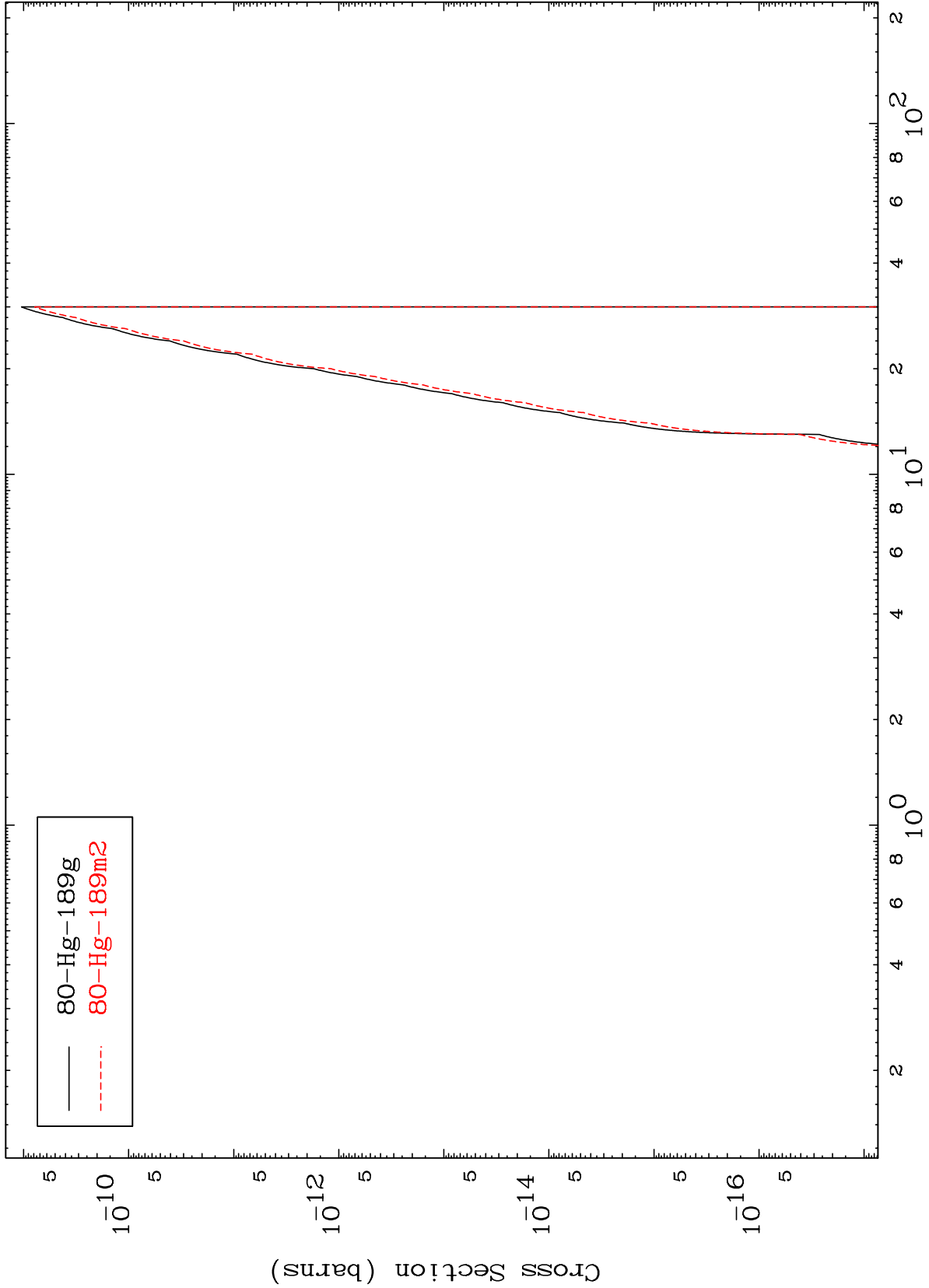
82-Pb-193g
82-Pb-193m1

MAT 8513

(d,3α)

85-At-199

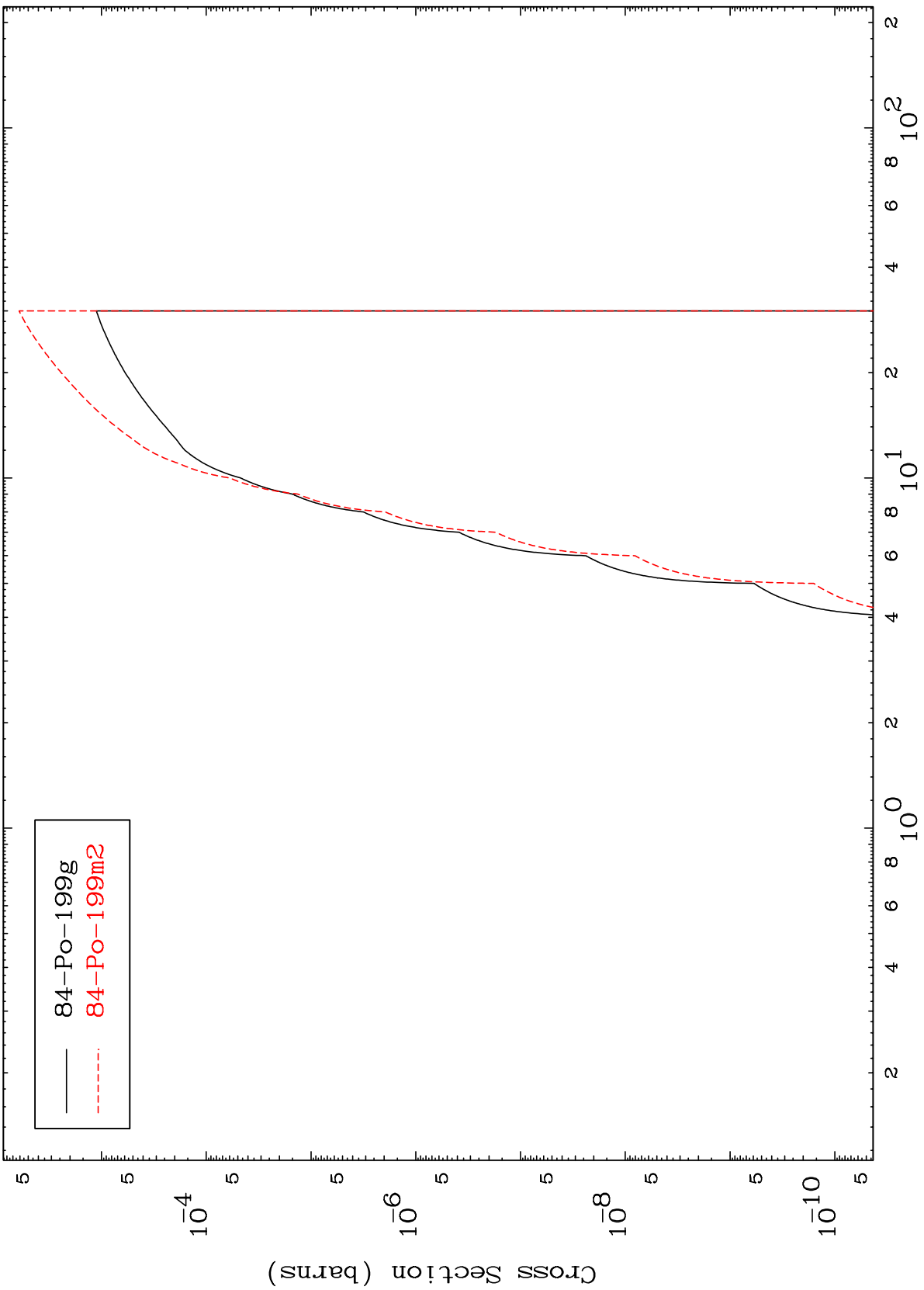
Radionuclide Production Cross Section



MAT 8513

85-At-199

(d,2p)
Radionuclide Production Cross Section



29

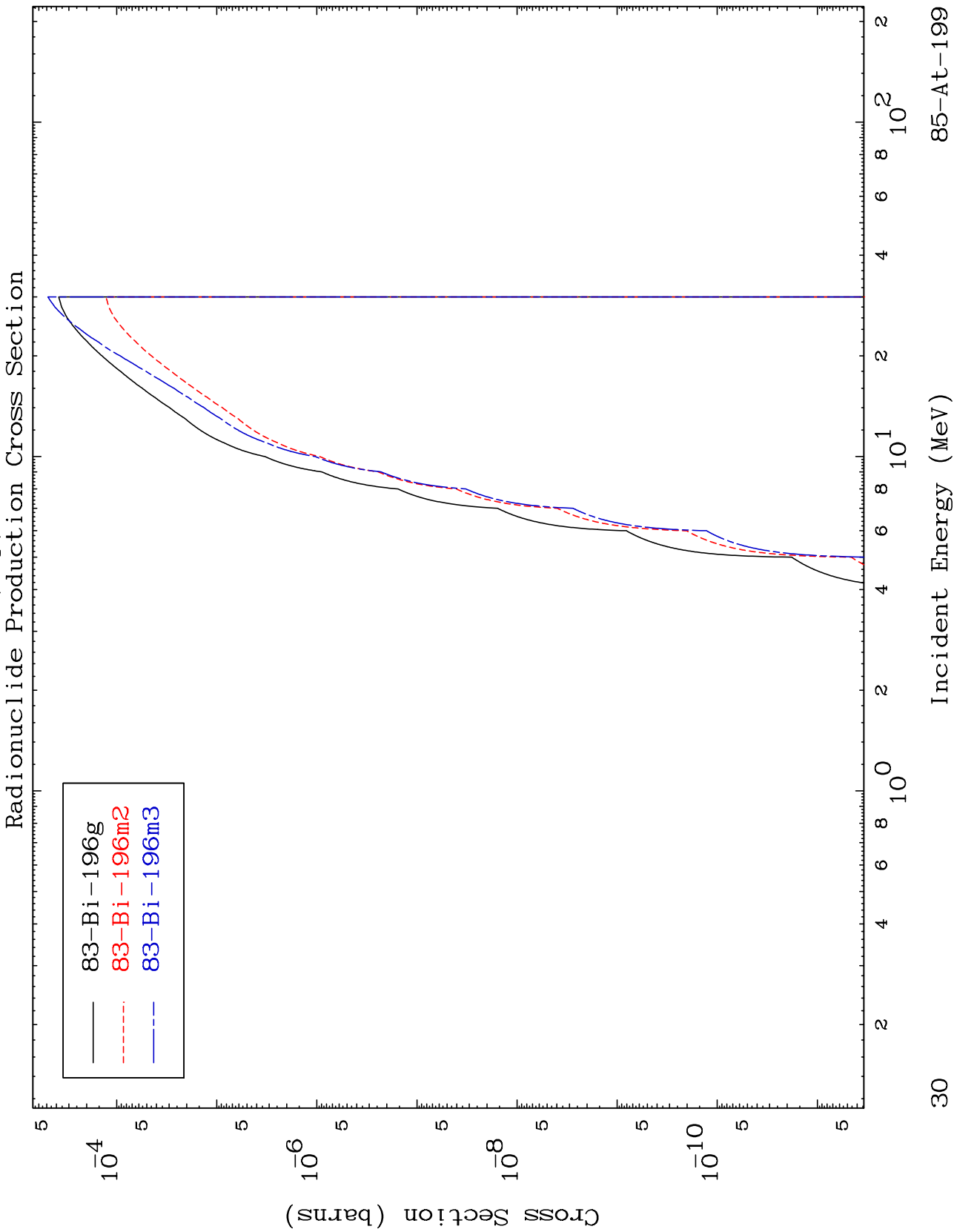
85-At-199

Incident Energy (MeV)

MAT 8513

(d,p) α

85-At-199



30

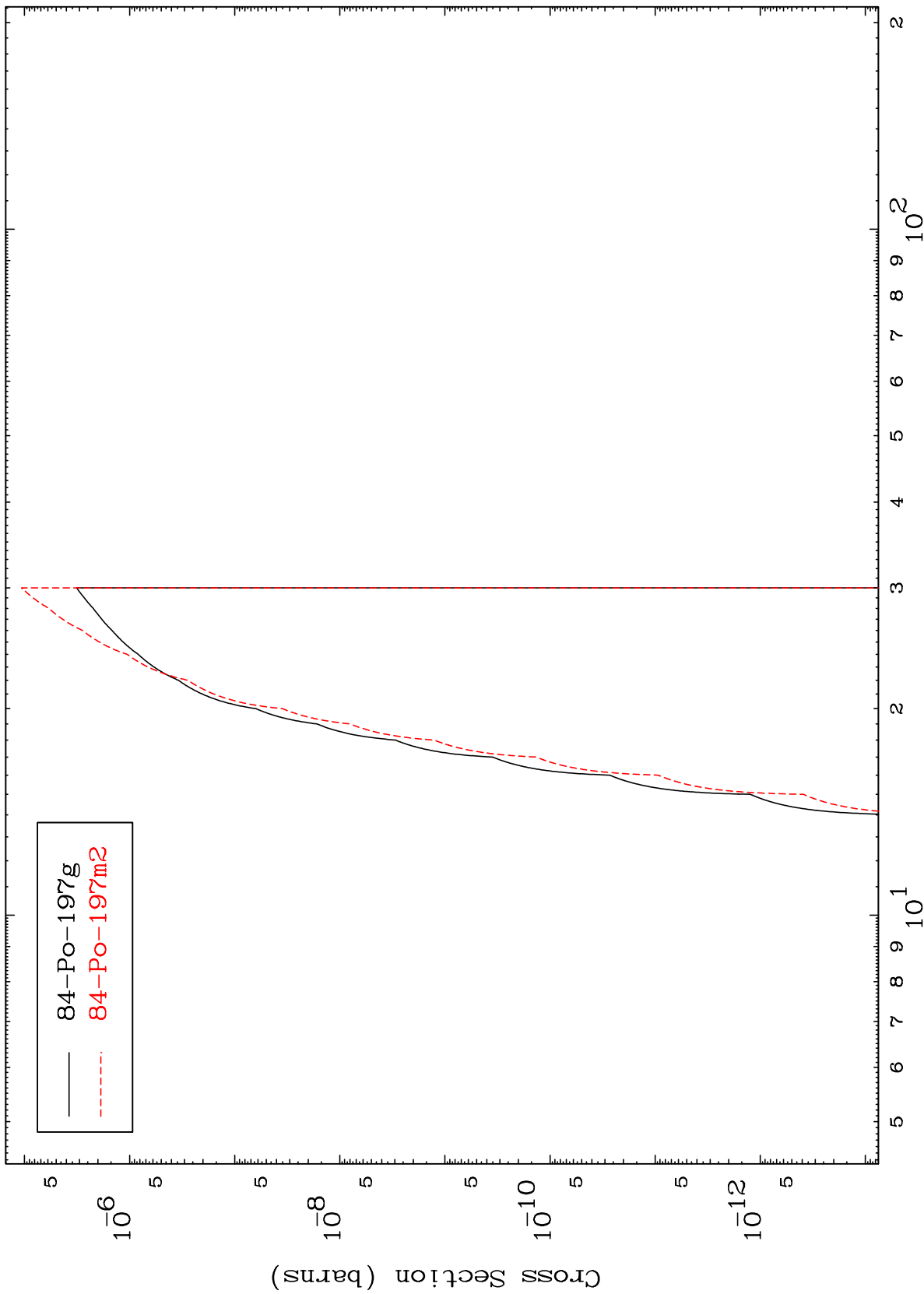
85-At-199

MAT 8513

(d,p) t

85-At-199

Radionuclide Production Cross Section



31

Incident Energy (MeV)

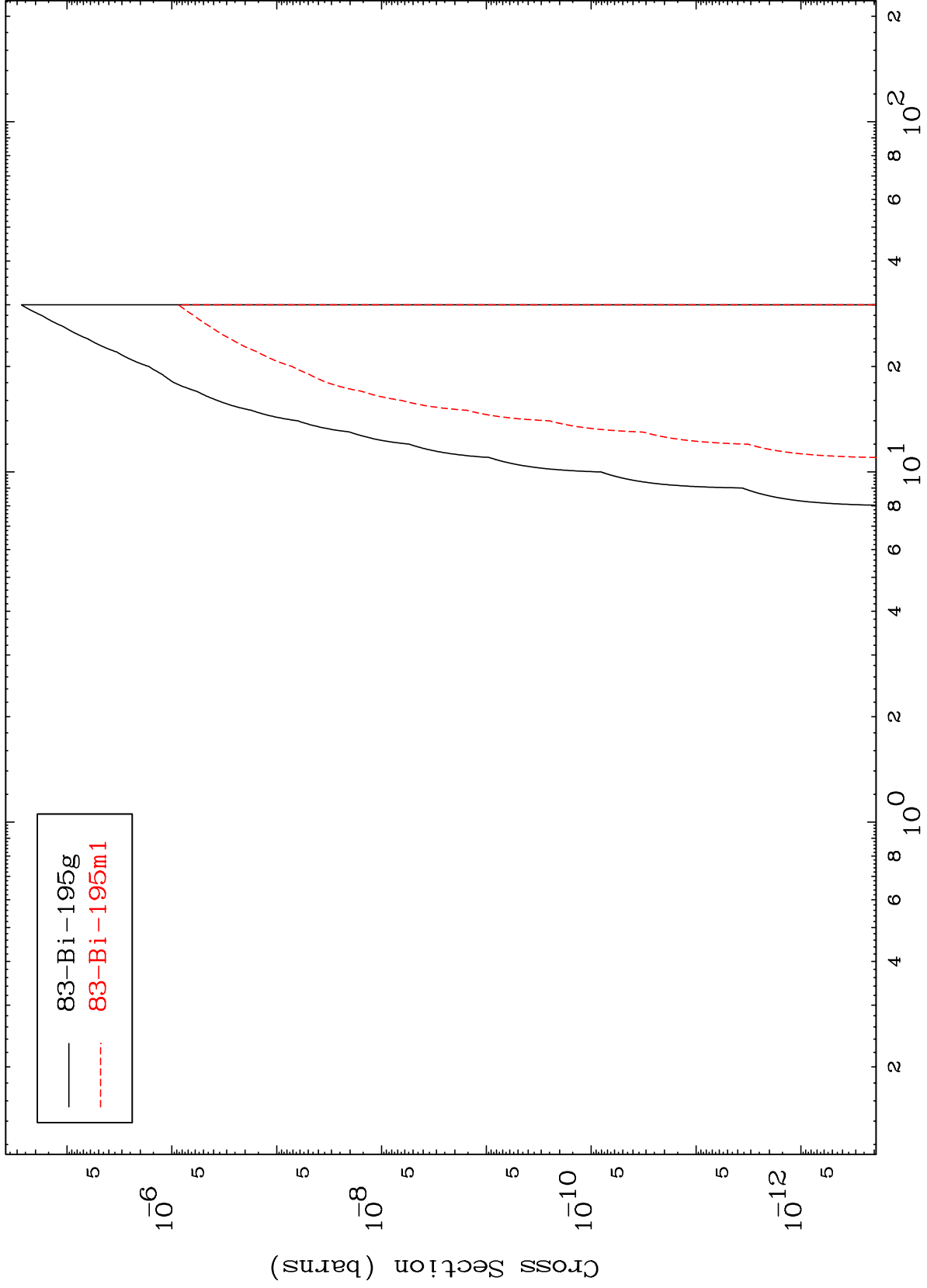
85-At-199

MAT 8513

(d,d) α

85-At-199

Radionuclide Production Cross Section



32

Incident Energy (MeV)

85-At-199