

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

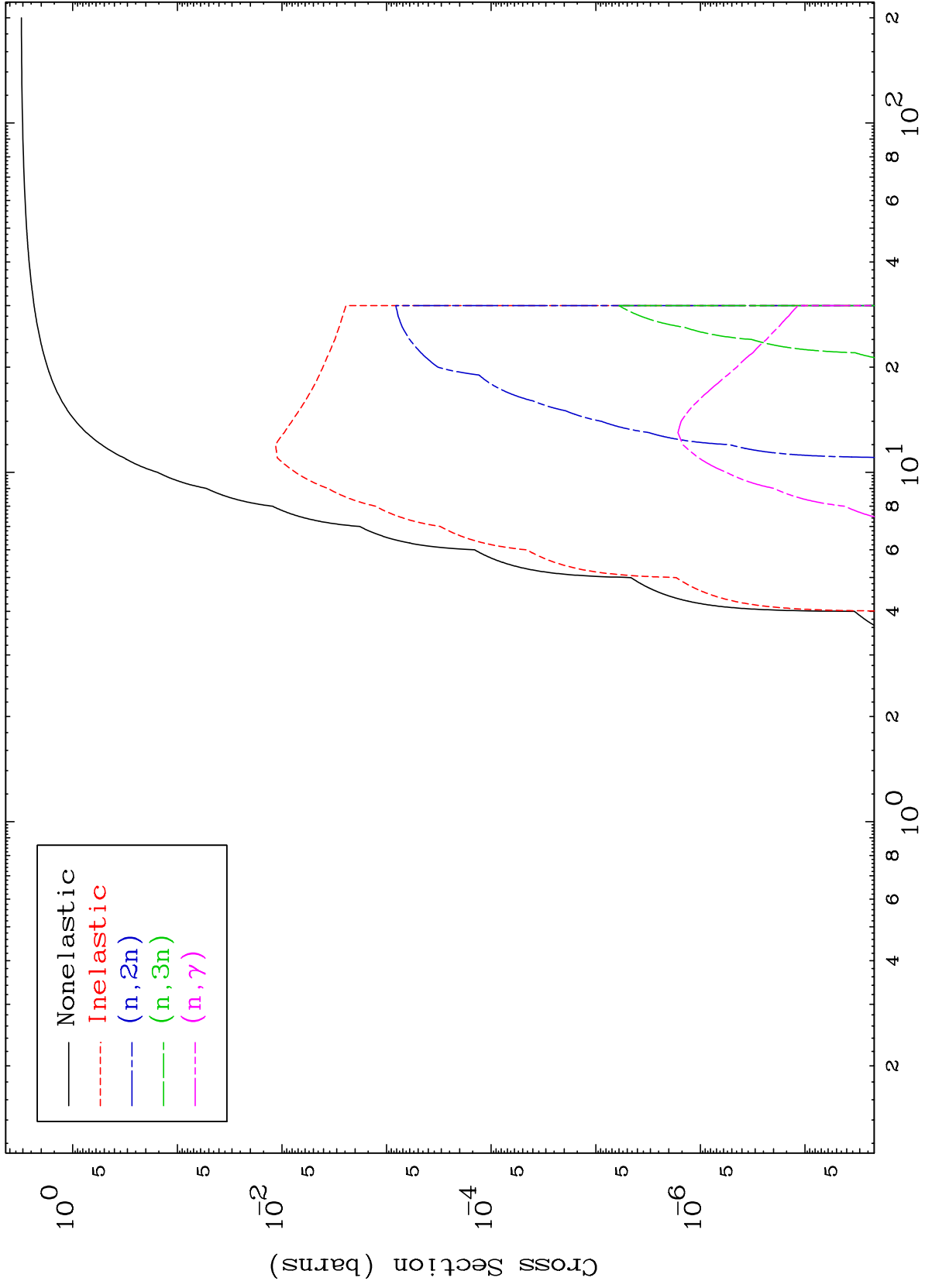
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8508

Deuteron Major
0 Kelvin Cross Sections

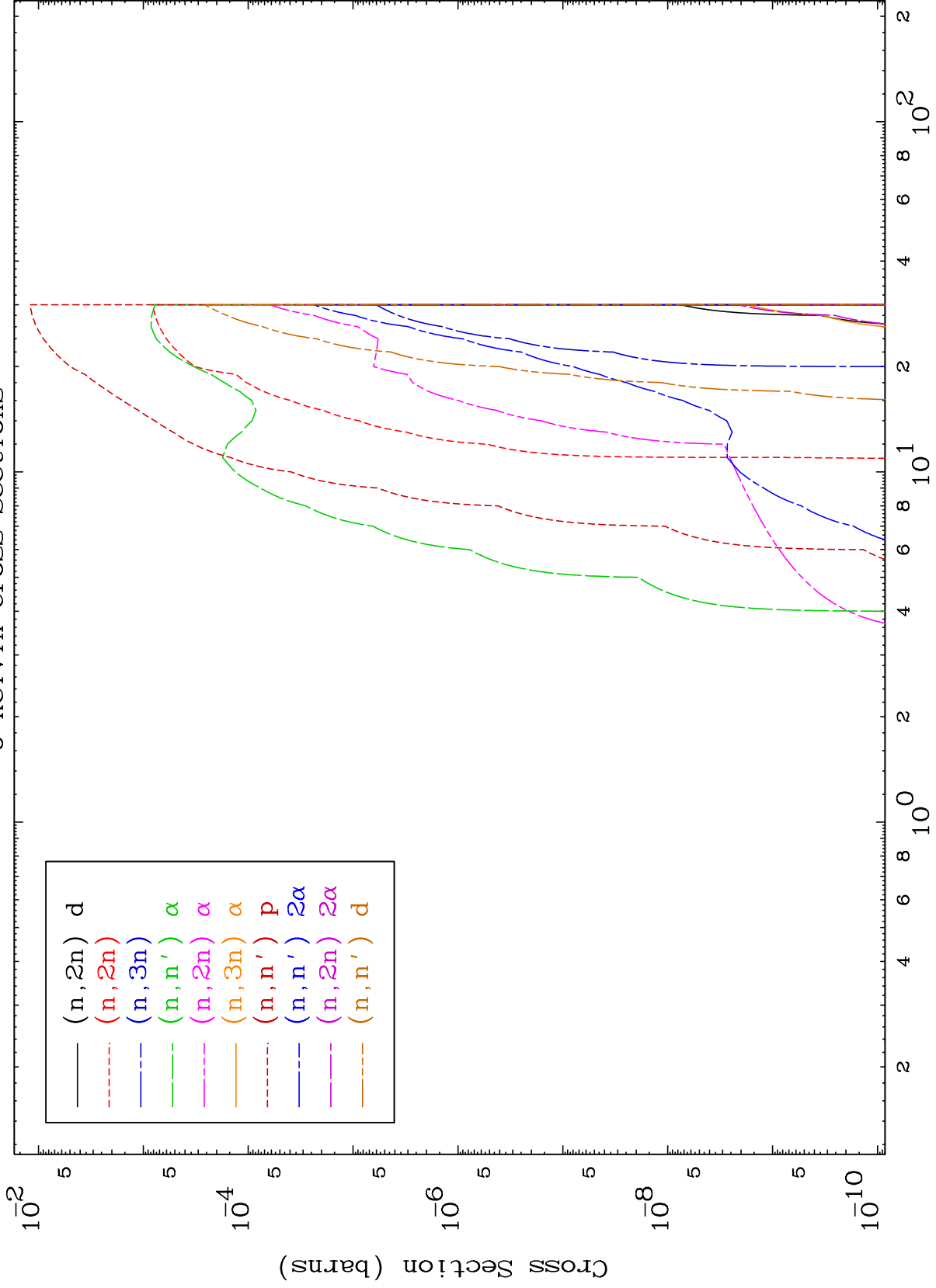
85-At-197m

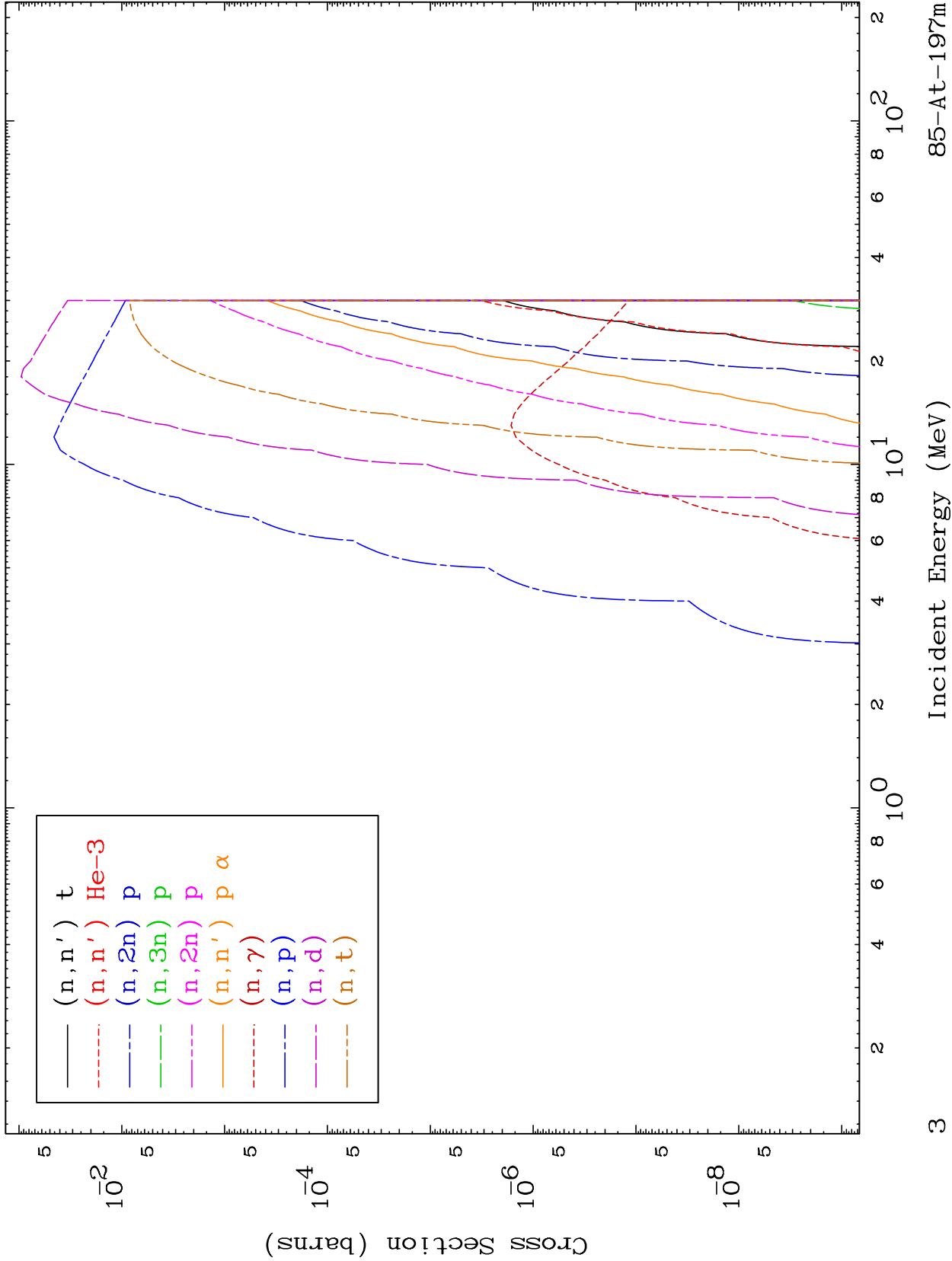


MAT 8508

Deuteron Neutron Absorption
0 Kelvin Cross Sections

85-At-197m

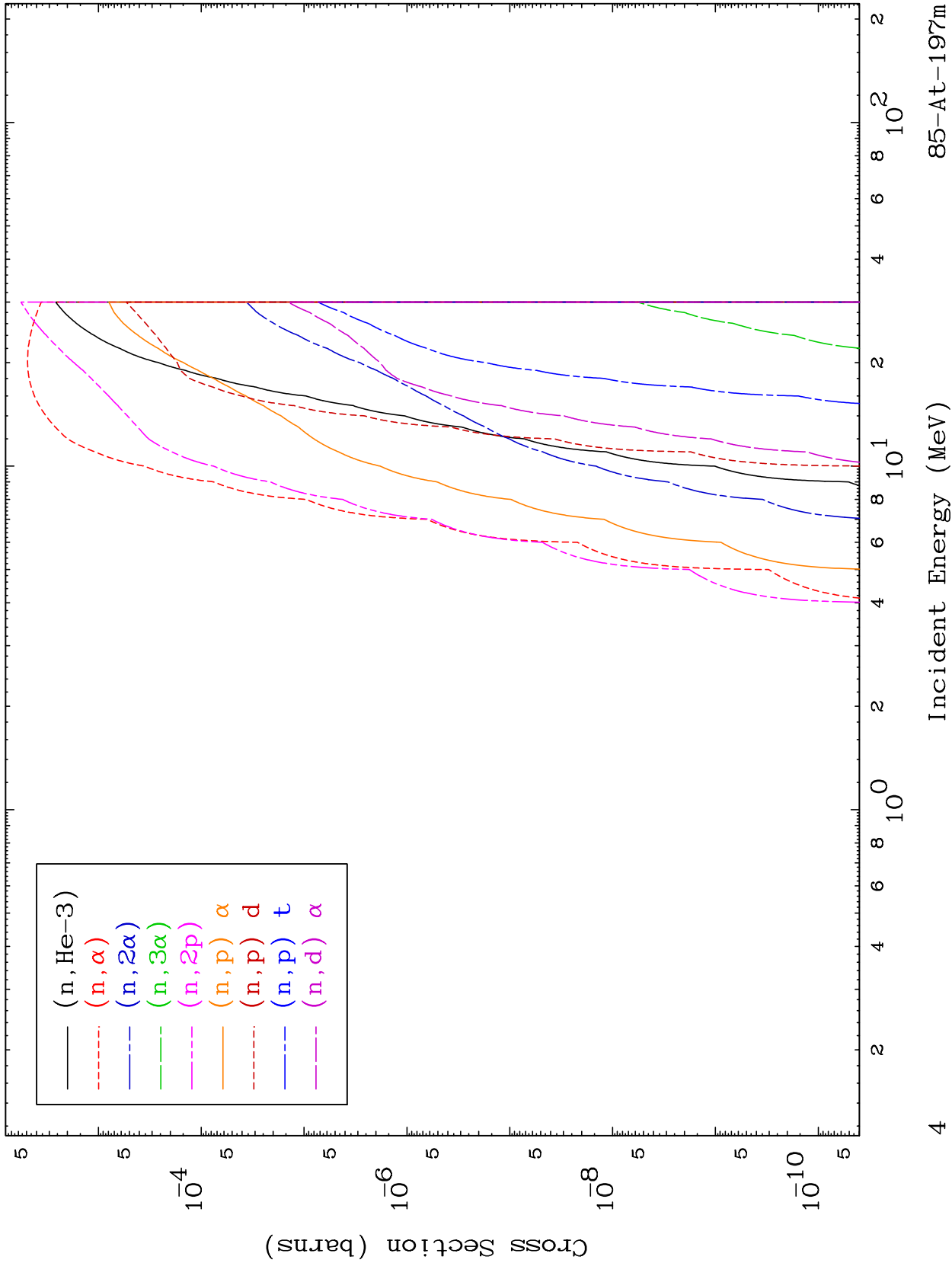




MAT 8508

Deuteron Neutron Absorption
0 Kelvin Cross Sections

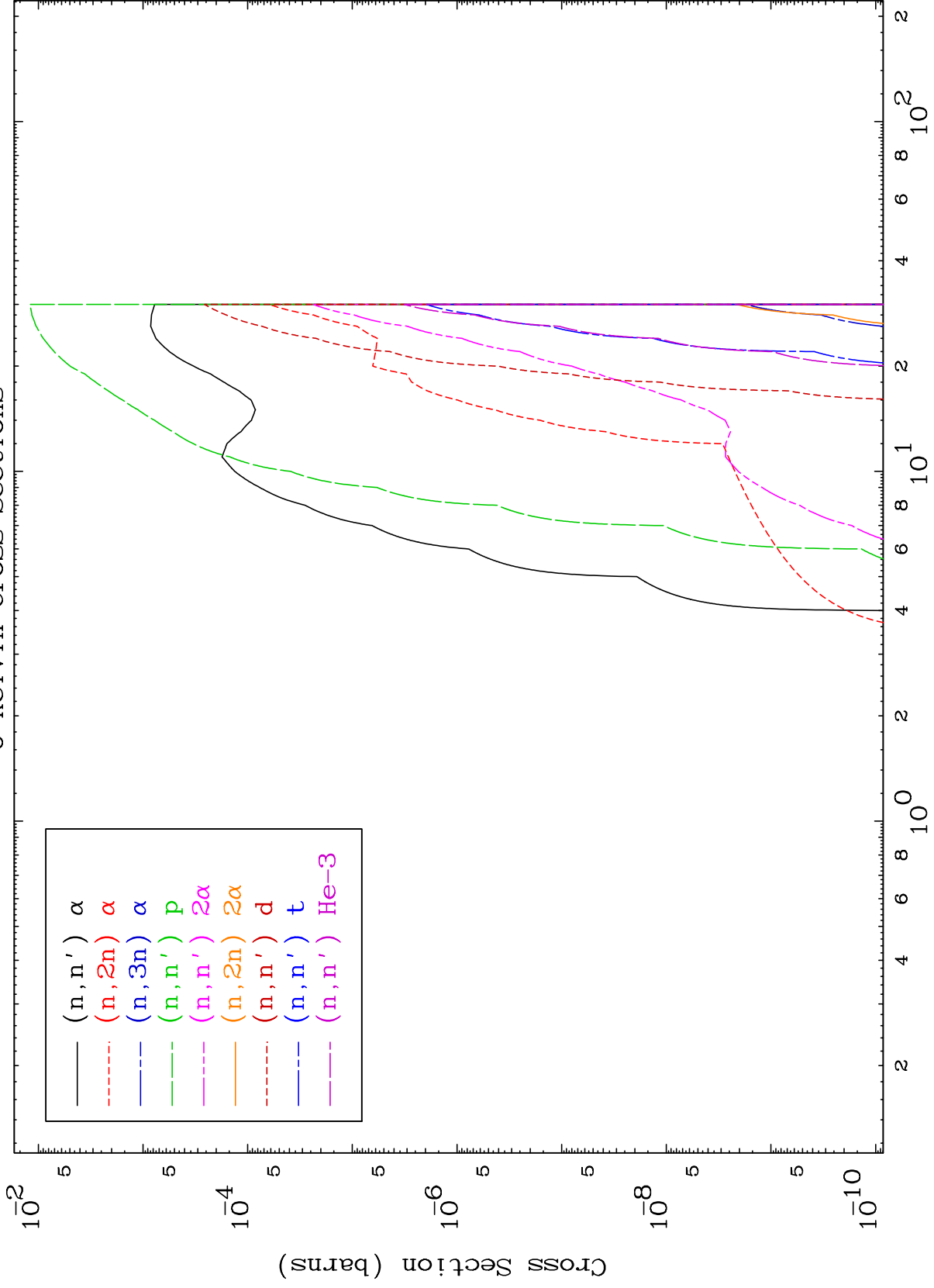
85-At-197m



MAT 8508

Deuteron Charged Particle
0 Kelvin Cross Sections

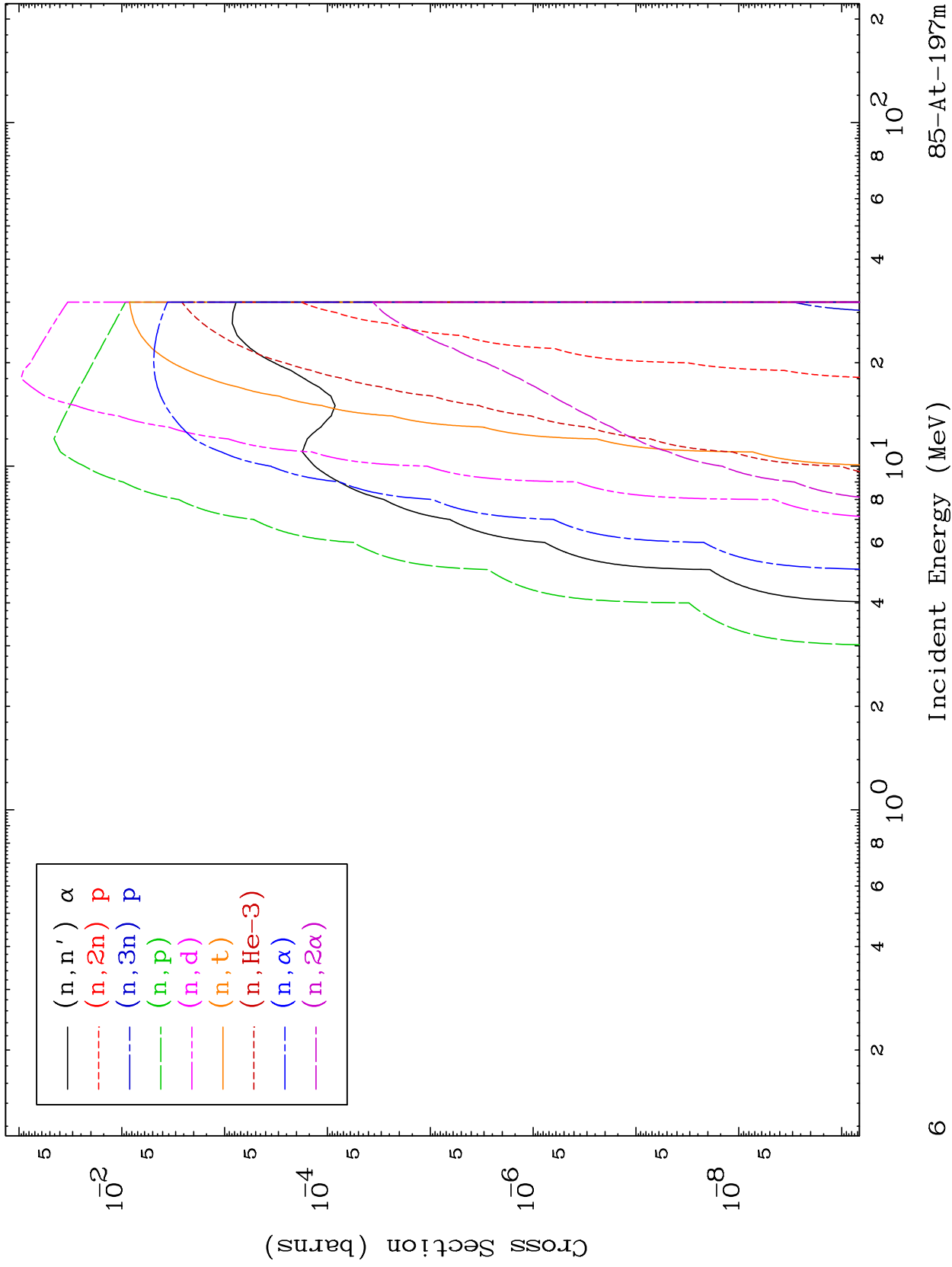
85-At-197m



MAT 8508

Deuteron Charged Particle
0 Kelvin Cross Sections

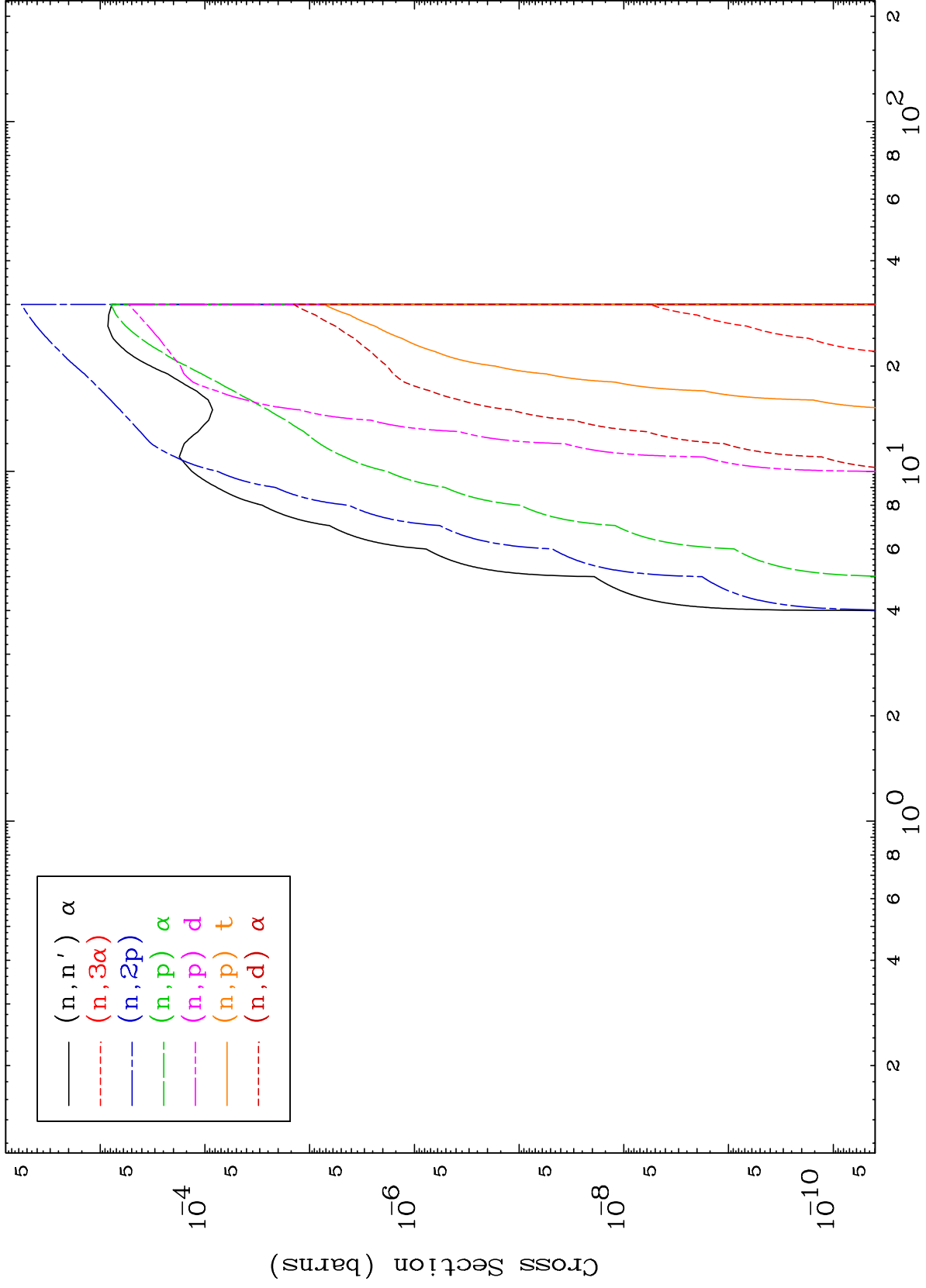
85-At-197m



MAT 8508

Deuteron Charged Particle
0 Kelvin Cross Sections

85-At-197m

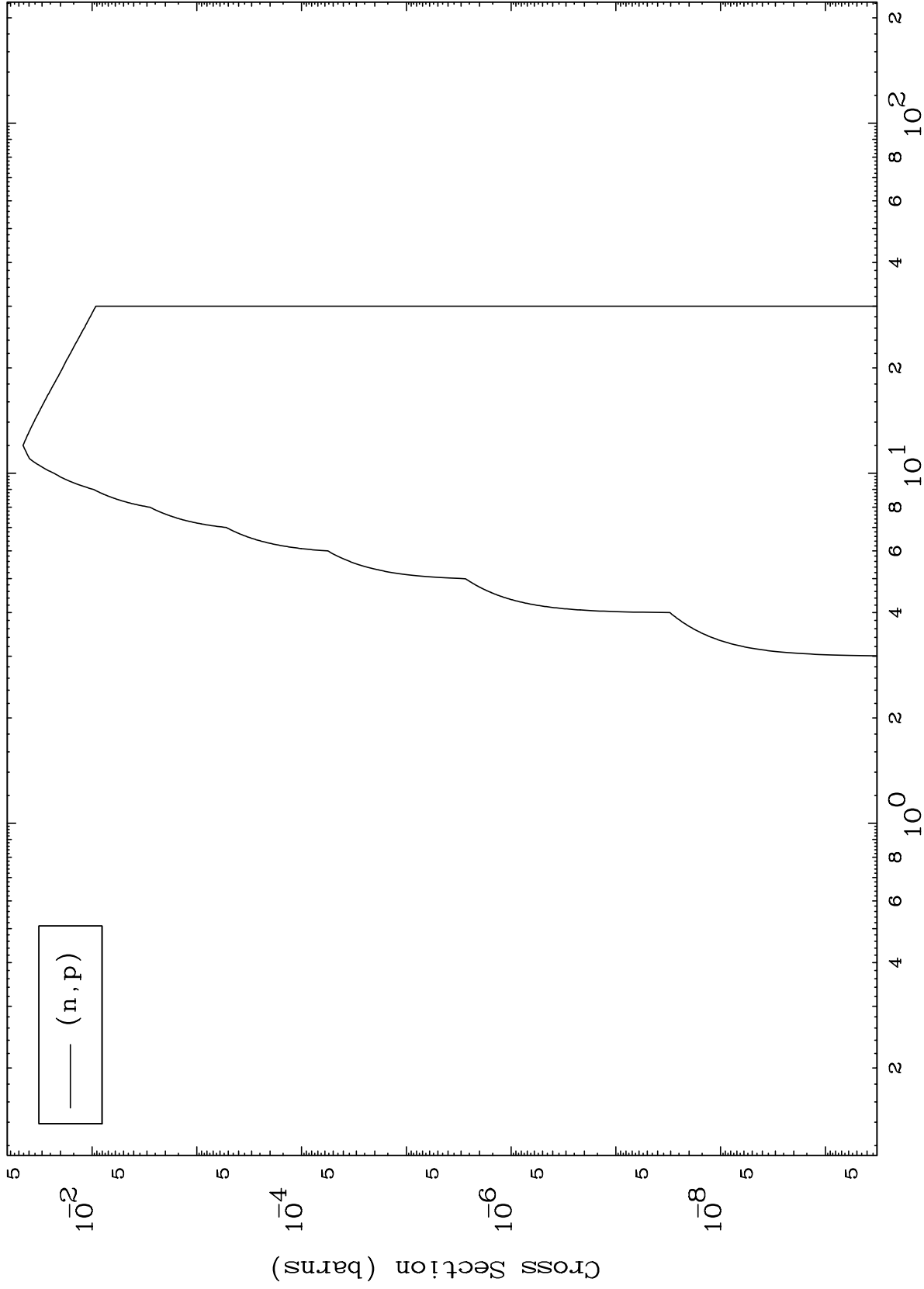


MAT 8508

(d,p) Levels

85-At-197m

0 Kelvin Cross Sections

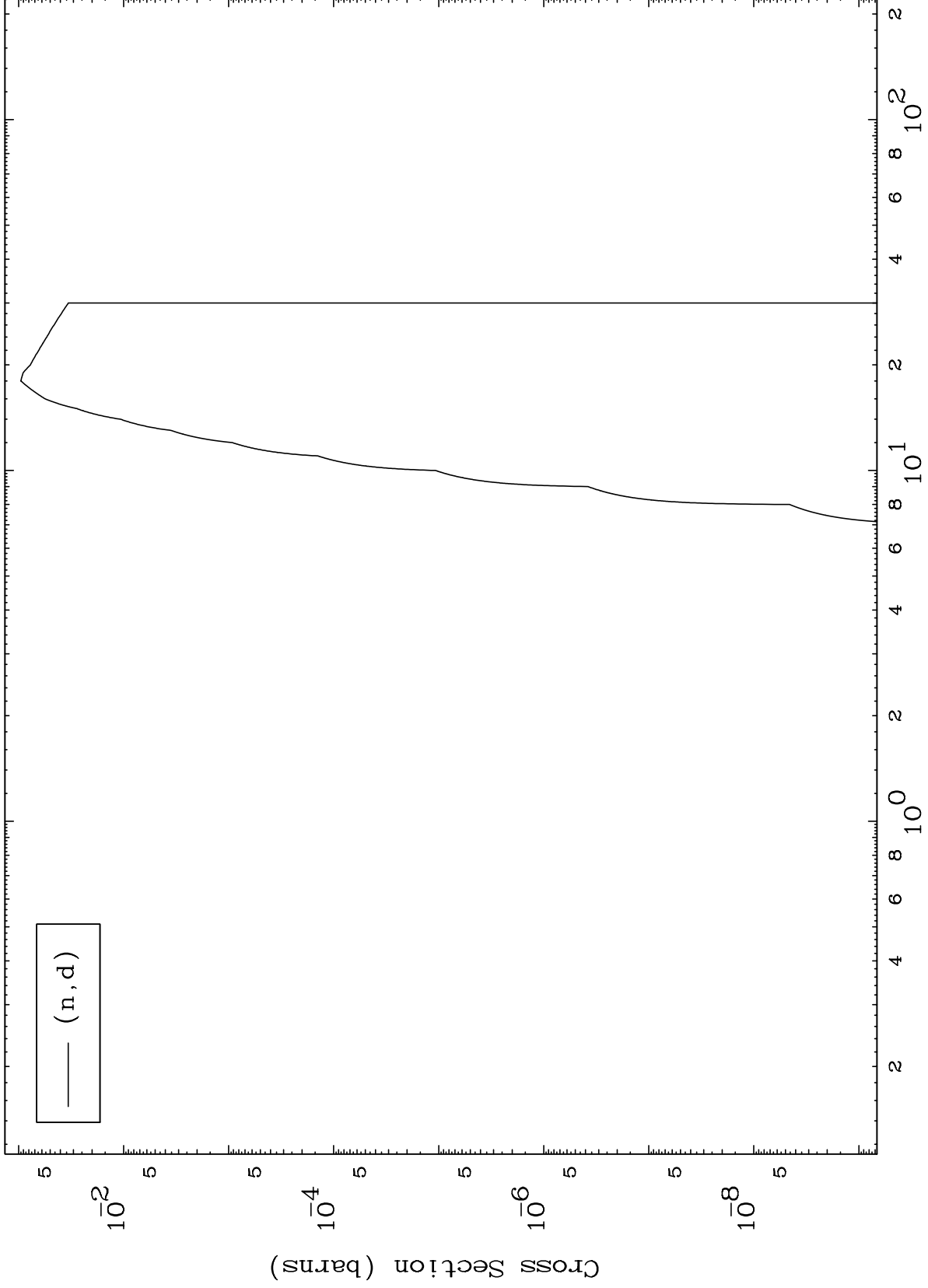


MAT 8508

(d,d) Levels

85-At-197m

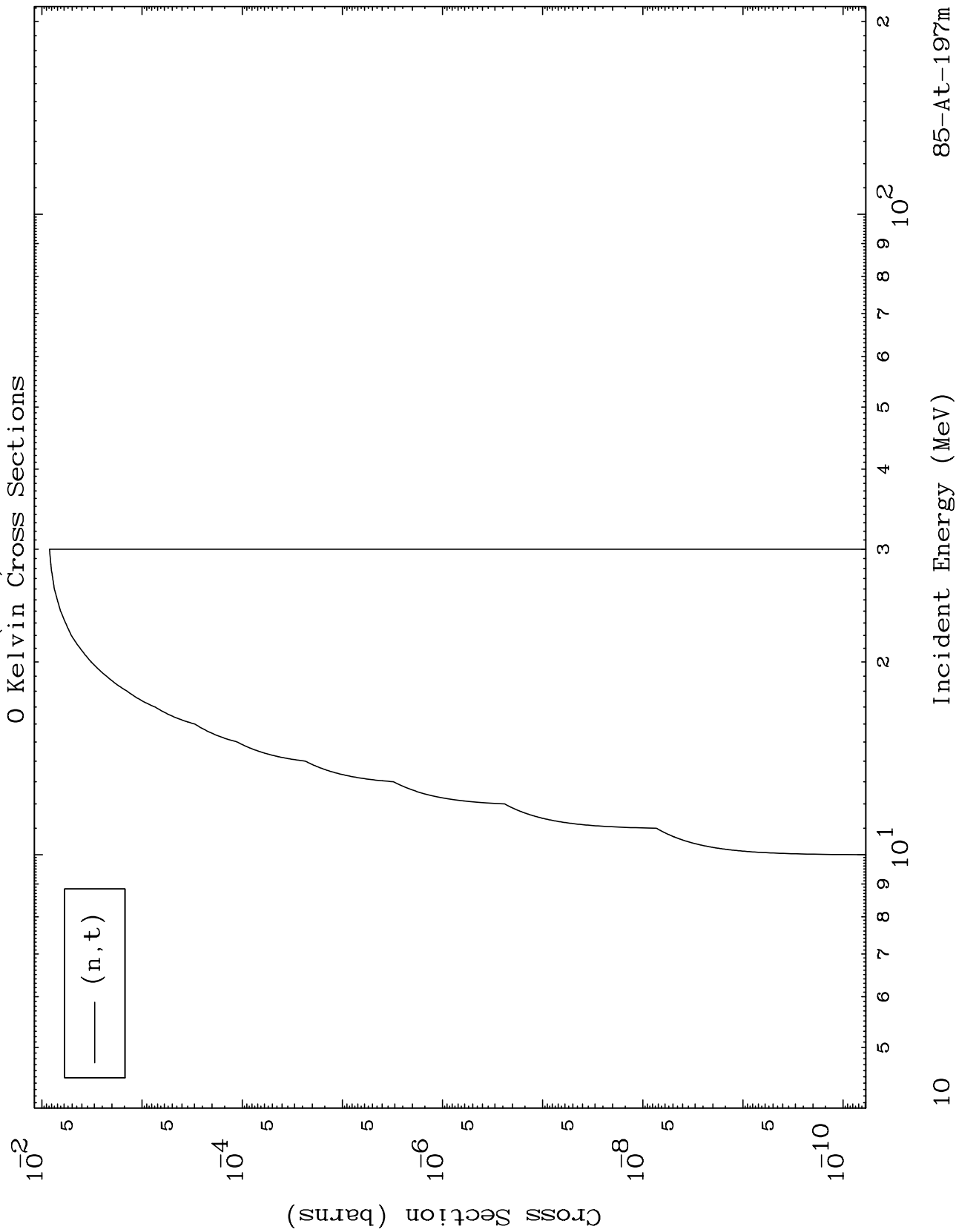
0 Kelvin Cross Sections



MAT 8508

(d,t) Levels

85-At-197m



10

Incident Energy (MeV)

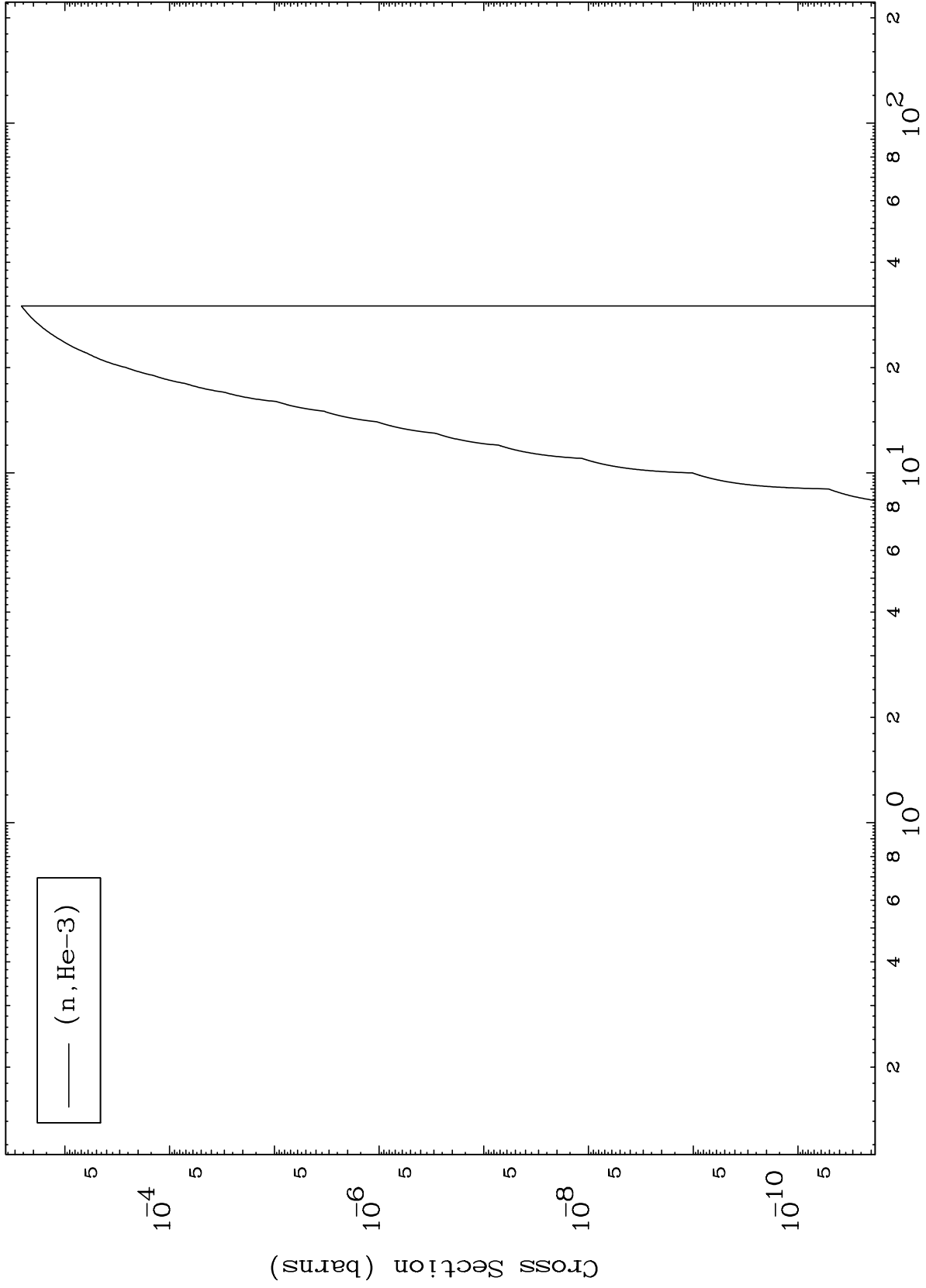
85-At-197m

MAT 8508

(d,He3) Levels

85-At-197m

0 Kelvin Cross Sections

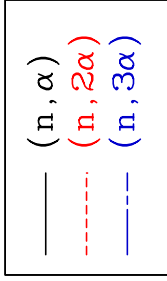
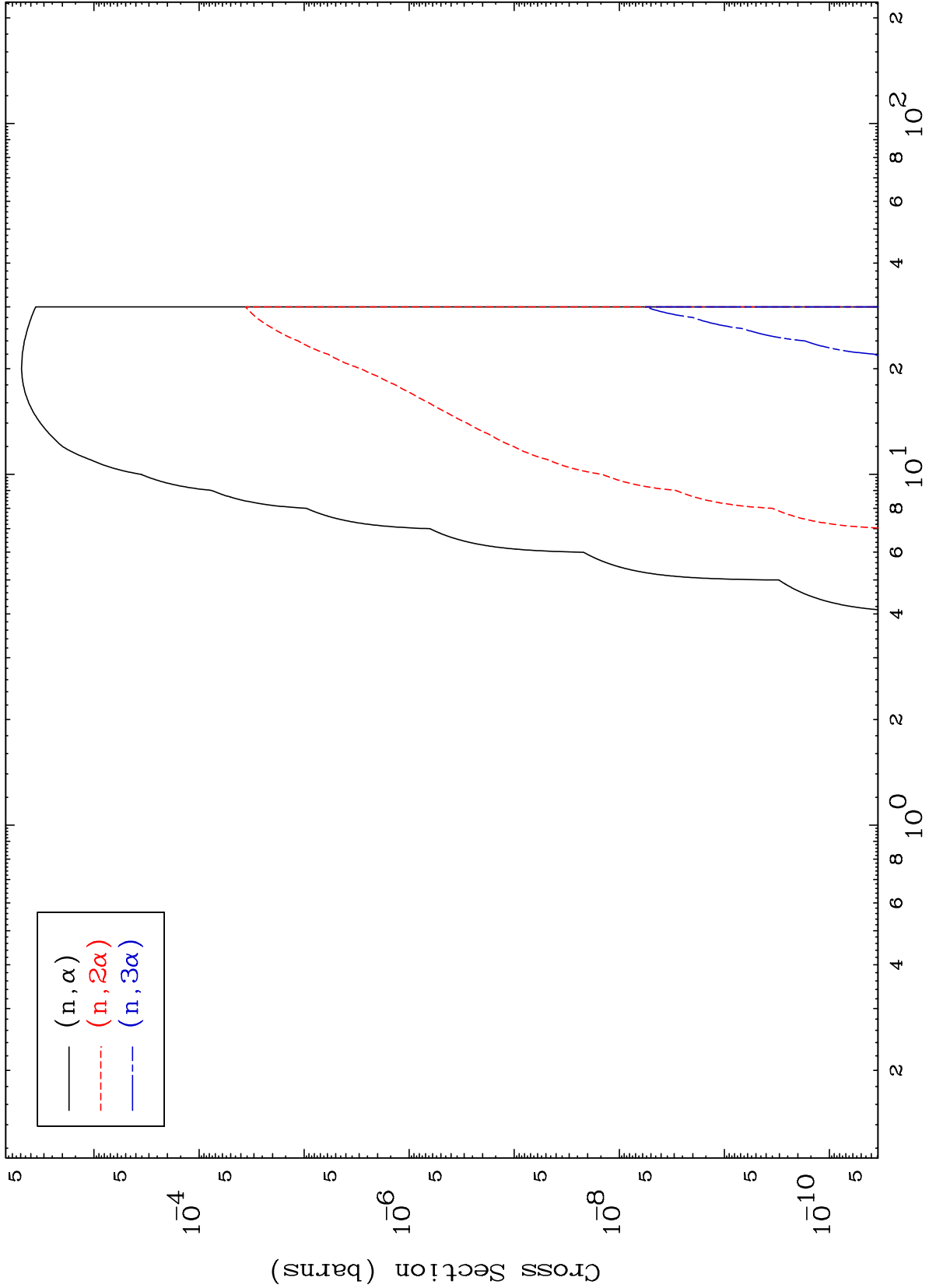


MAT 8508

(d, α) Levels

85-At-197m

0 Kelvin Cross Sections

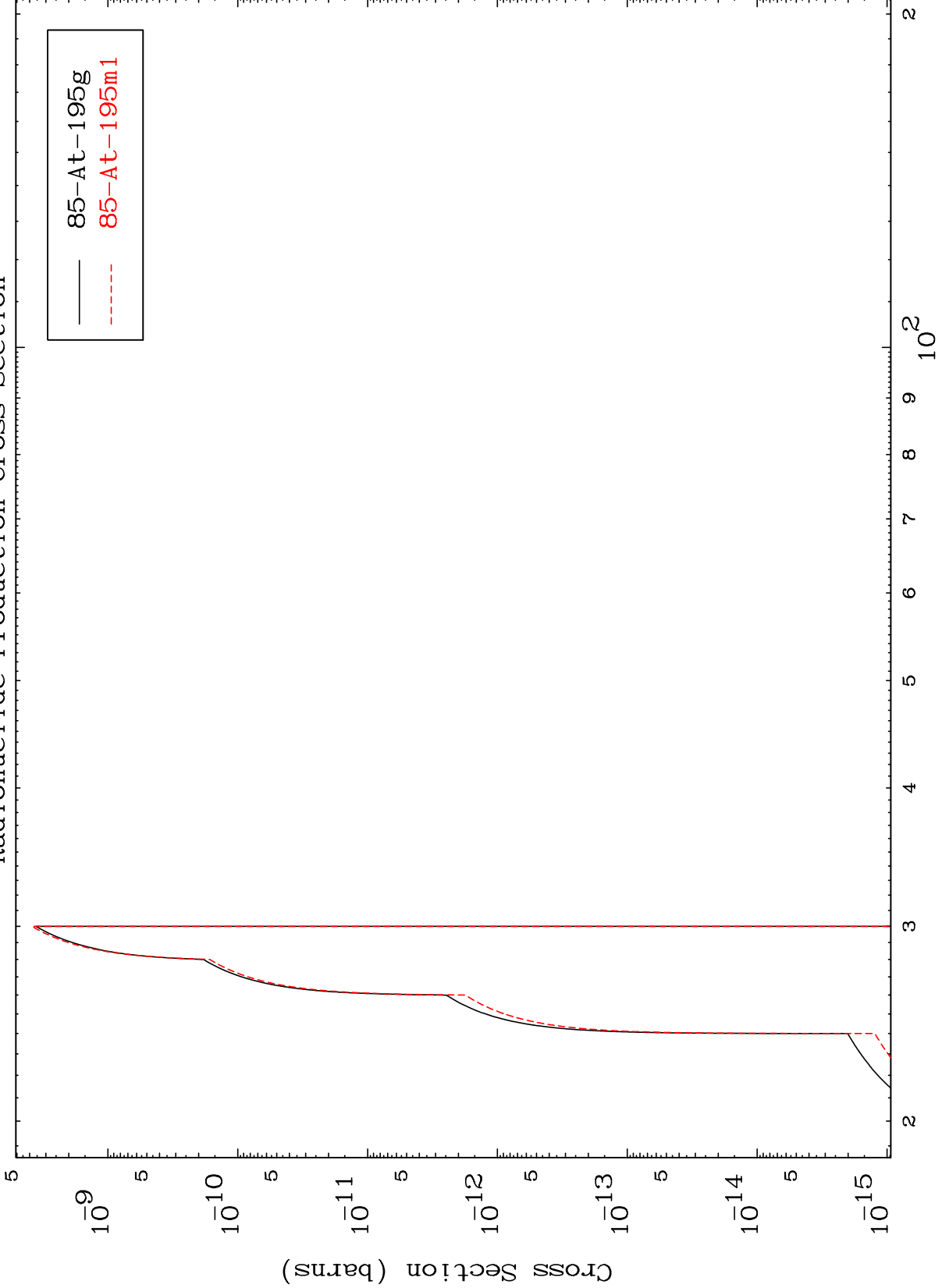


MAT 8508

(n,2n) d

85-At-197m

Radionuclide Production Cross Section



13

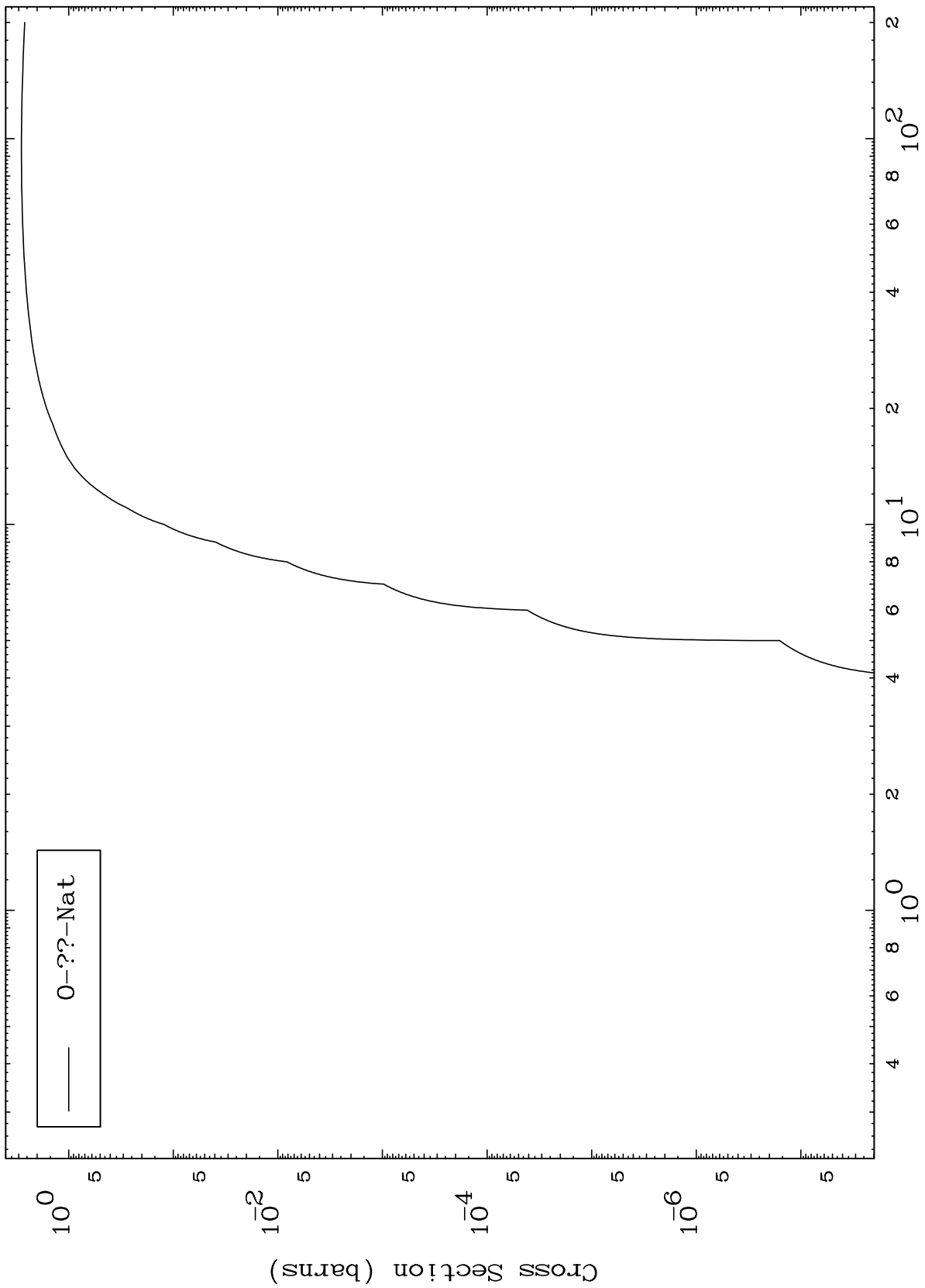
Incident Energy (MeV)

85-At-197m

MAT 8508

85-At-197m

Fission
Radionuclide Production Cross Section



85-At-197m

Incident Energy (MeV)

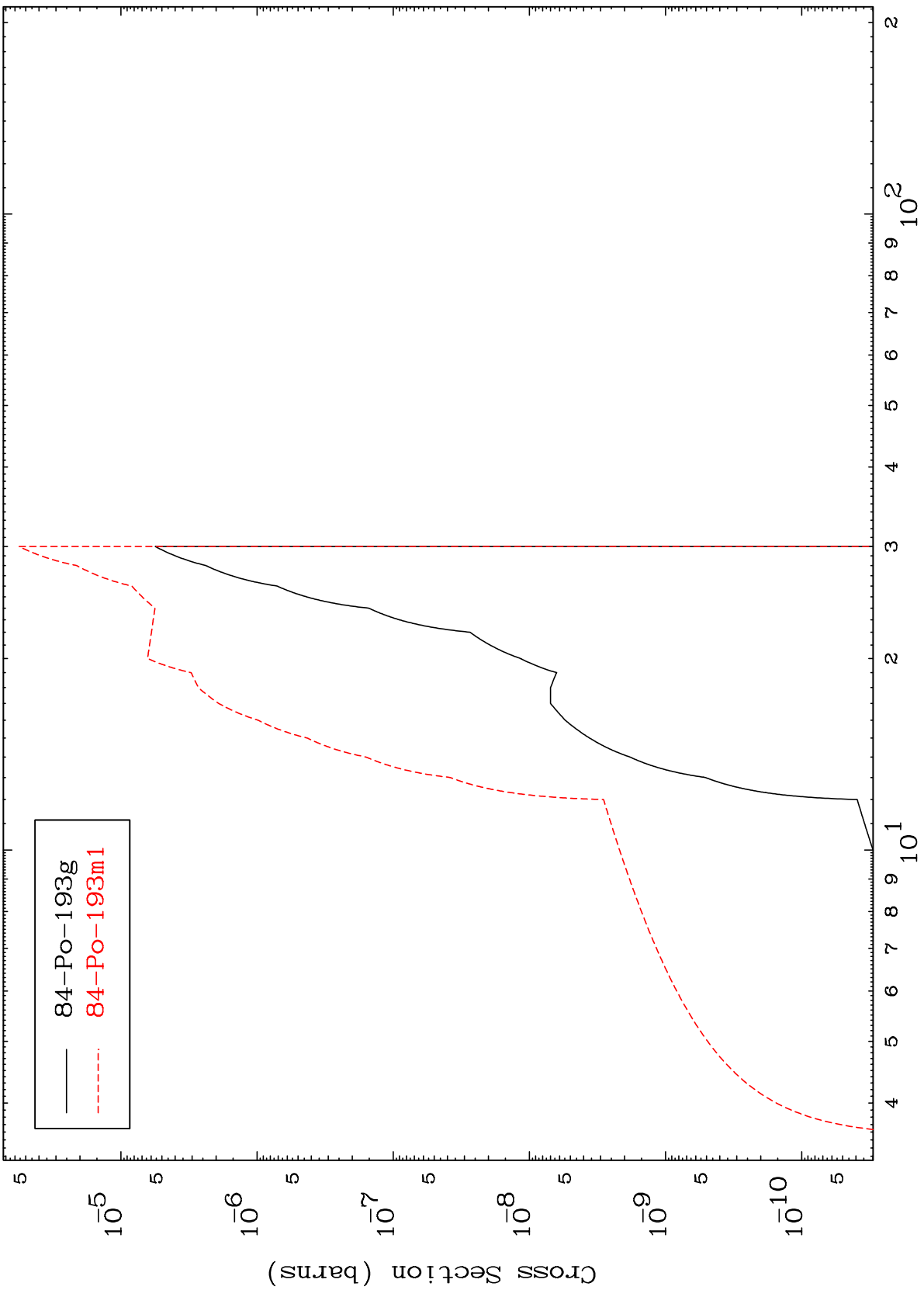
14

MAT 8508

(n,2n) α

85-At-197m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

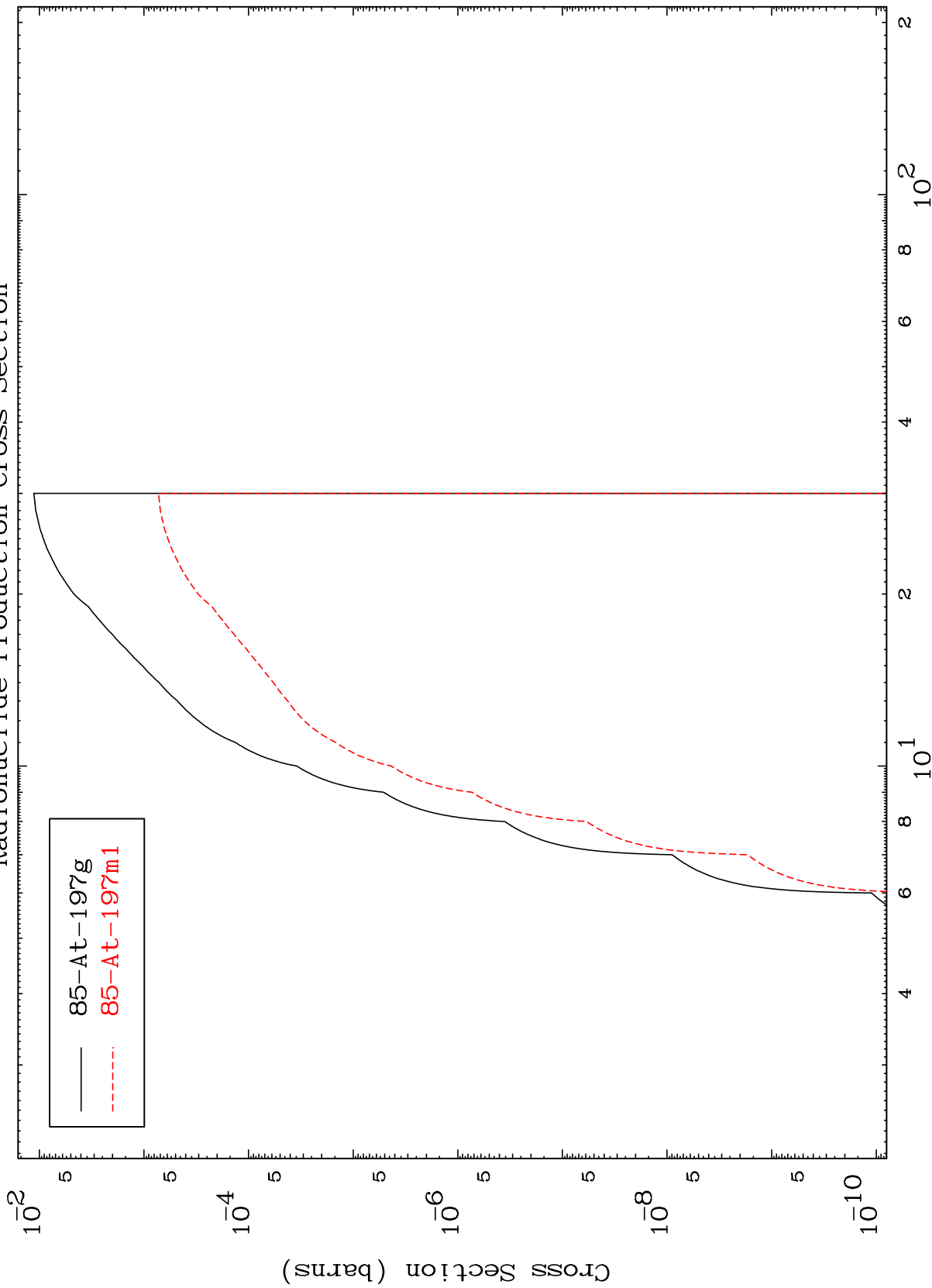
85-At-197m

MAT 8508

(n,n') p

85-At-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-197m

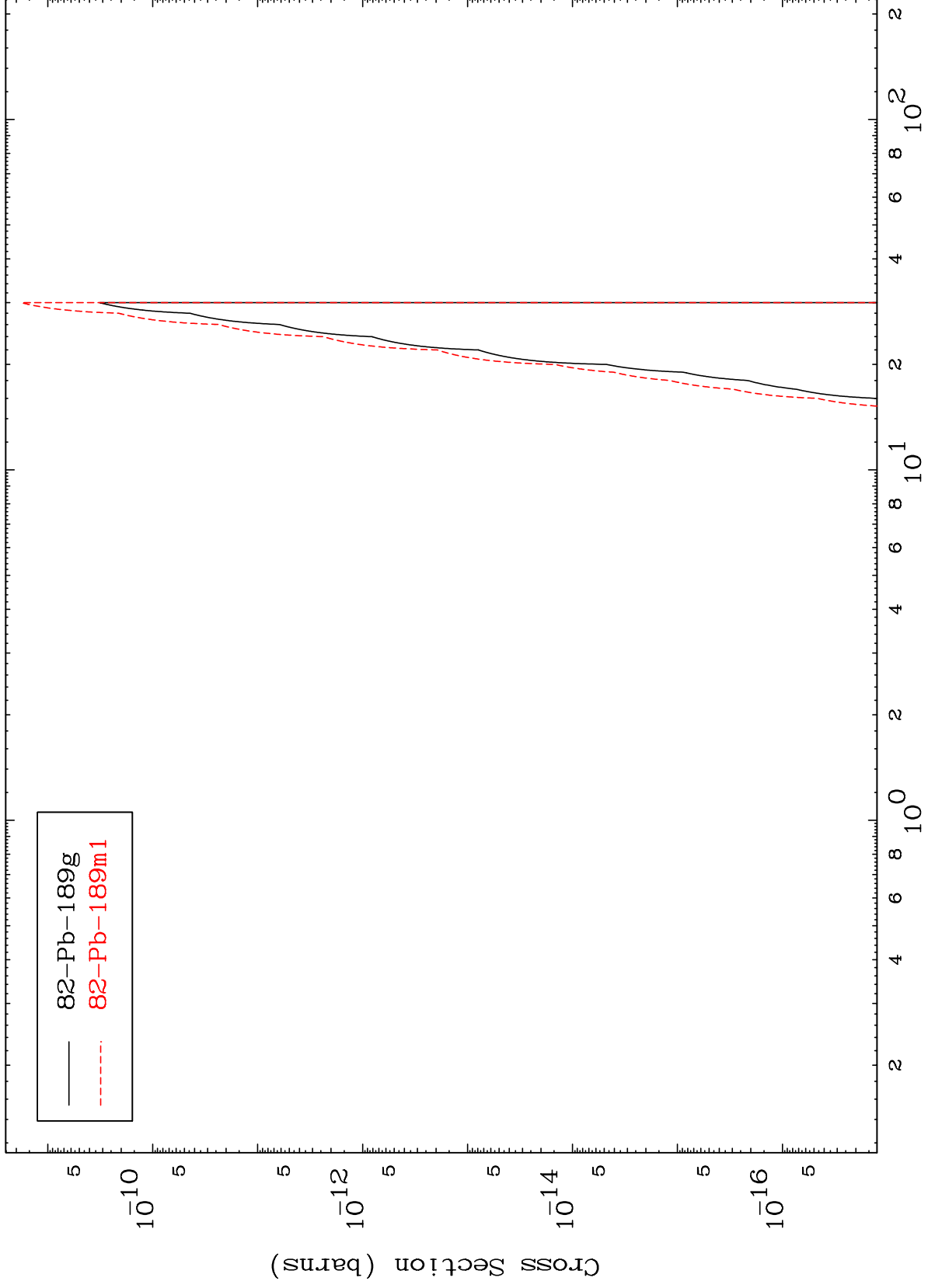
16

MAT 8508

(n,2n) 2α

85-At-197m

Radionuclide Production Cross Section



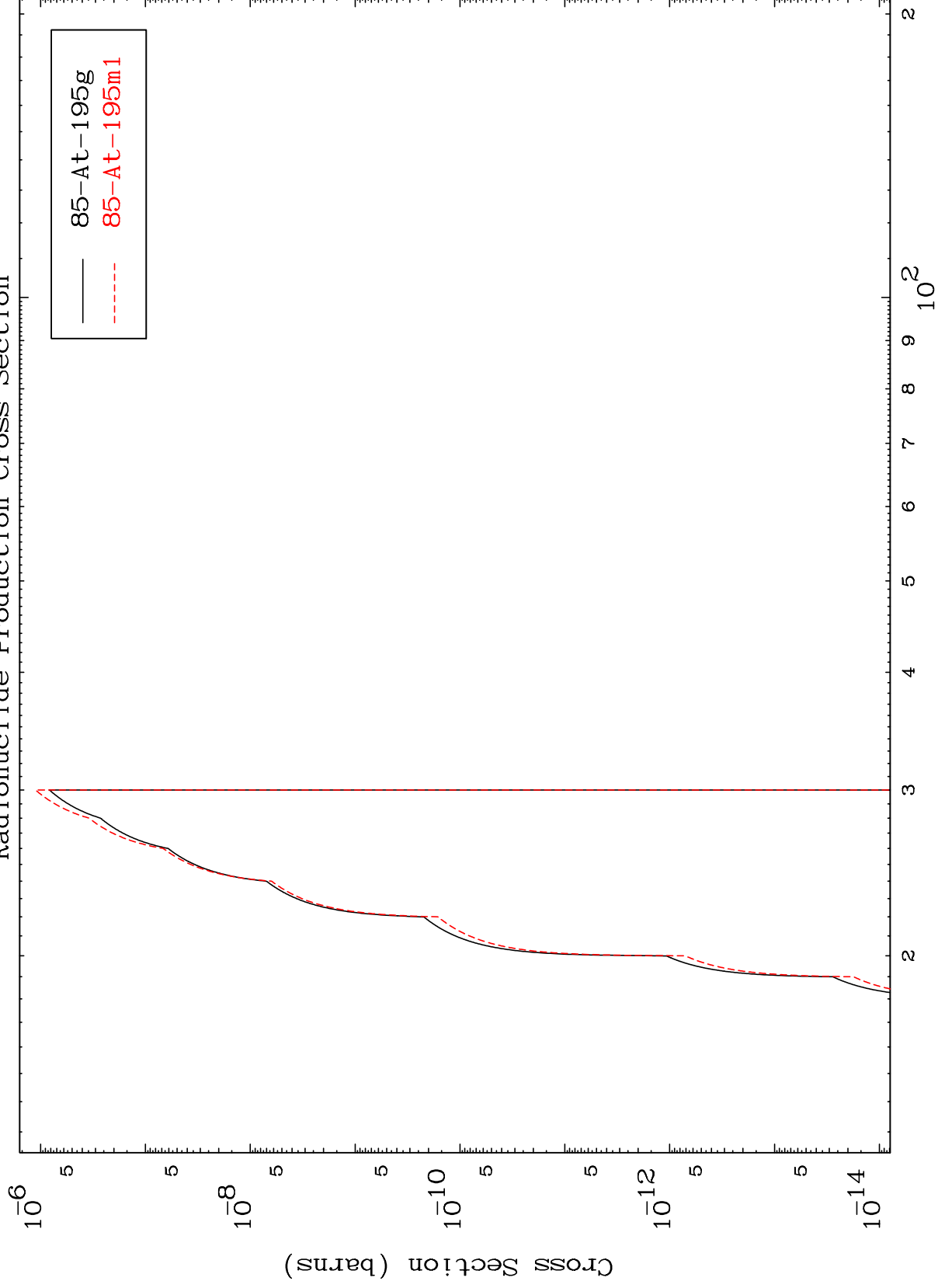
82-Pb-189g
82-Pb-189m1

MAT 8508

(n,n') t

85-At-197m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

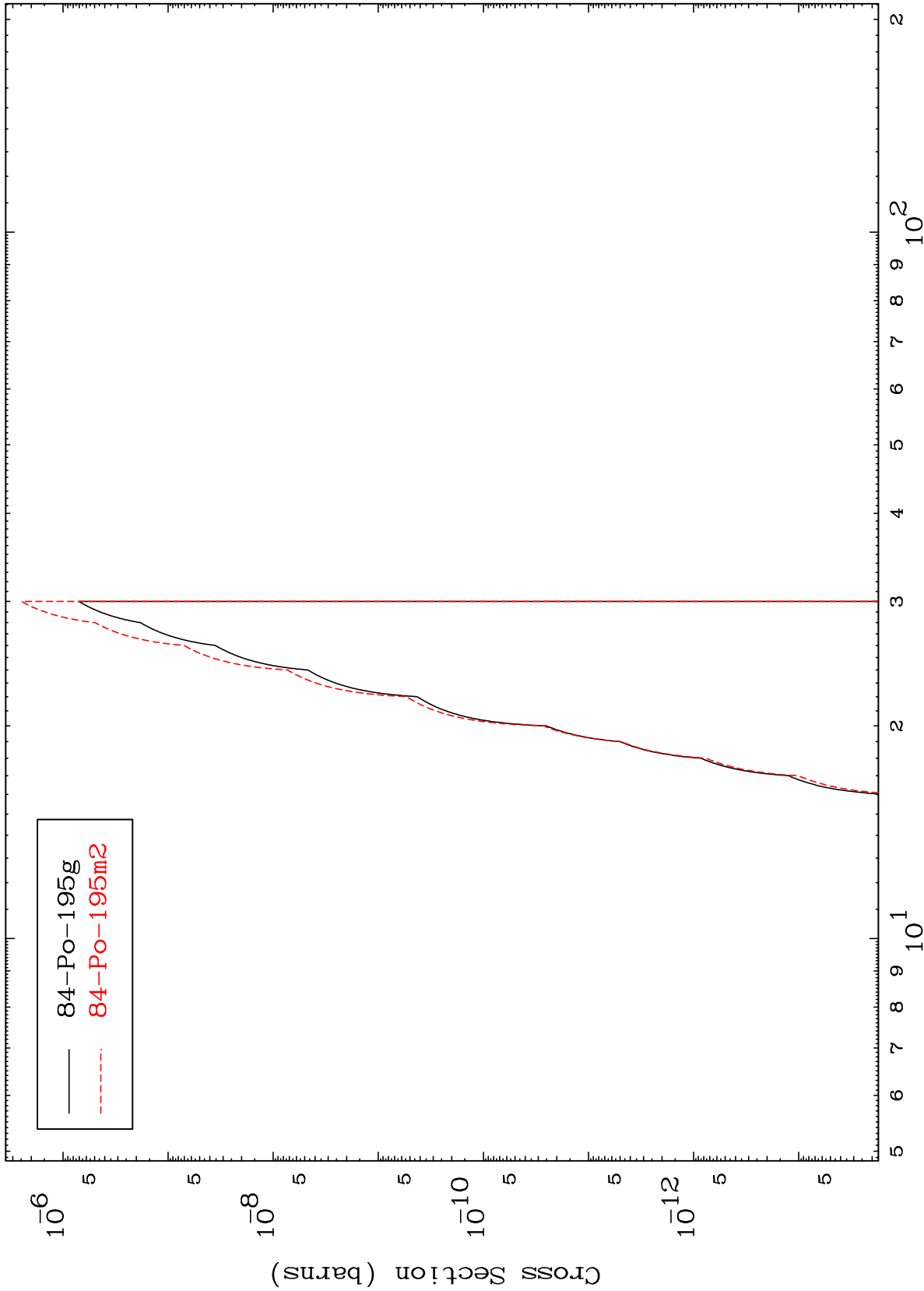
85-At-197m

MAT 8508

(n,n') He-3

85-At-197m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

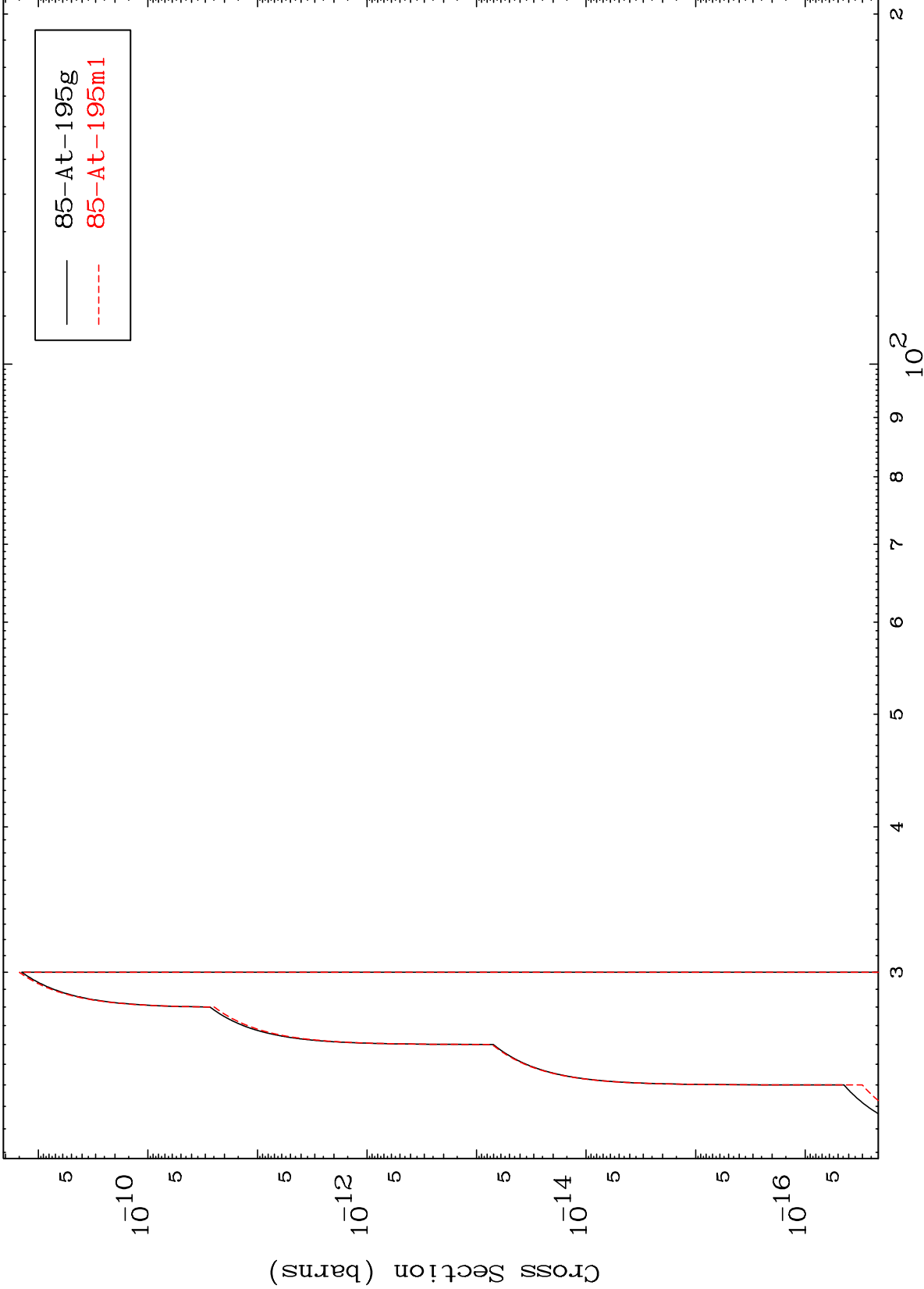
85-At-197m

MAT 8508

(n,3n) p

85-At-197m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

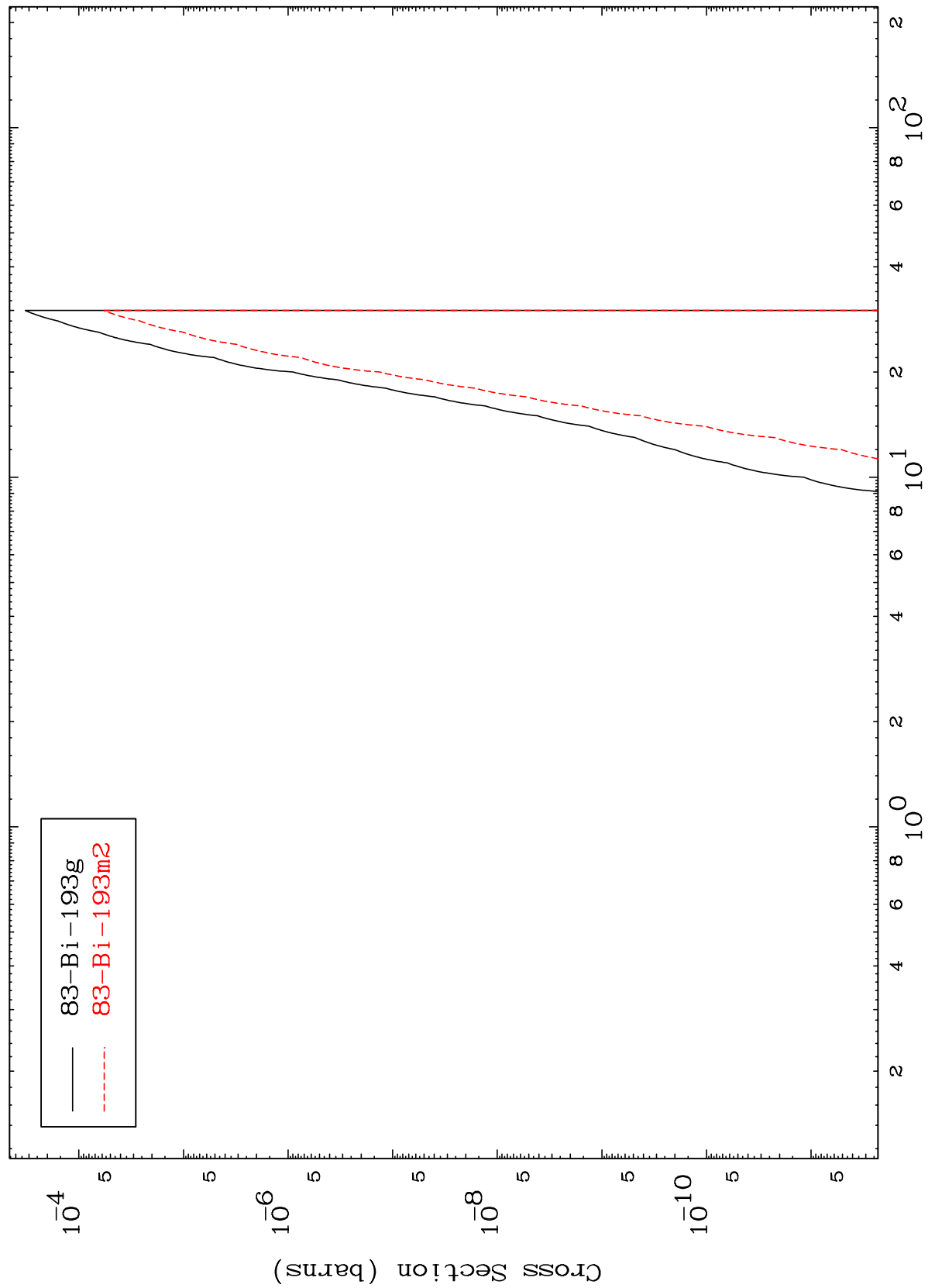
85-At-197m

MAT 8508

(n,n') p α

85-At-197m

Radionuclide Production Cross Section

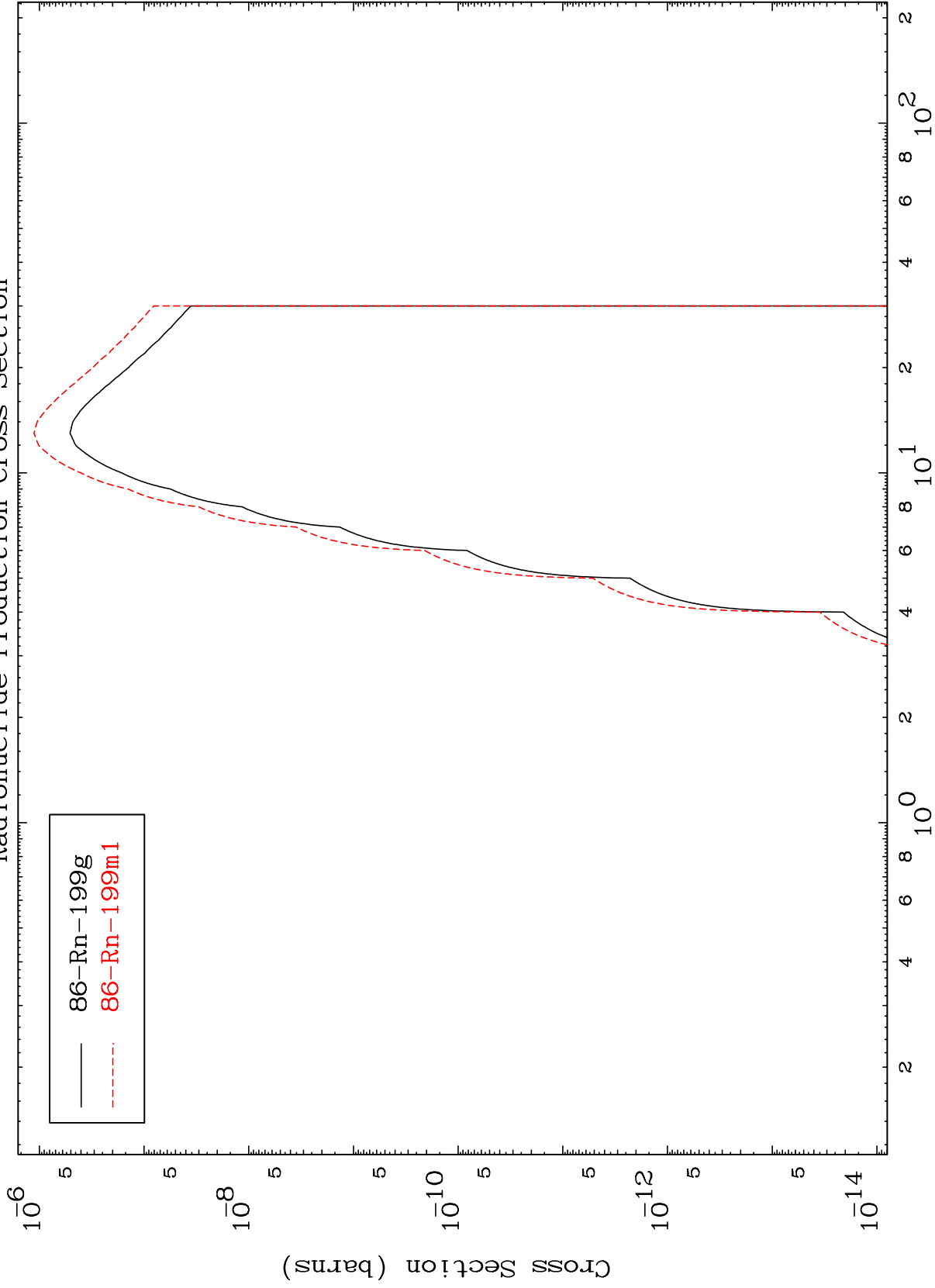


83-Bi-193g
83-Bi-193m2

MAT 8508

85-At-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

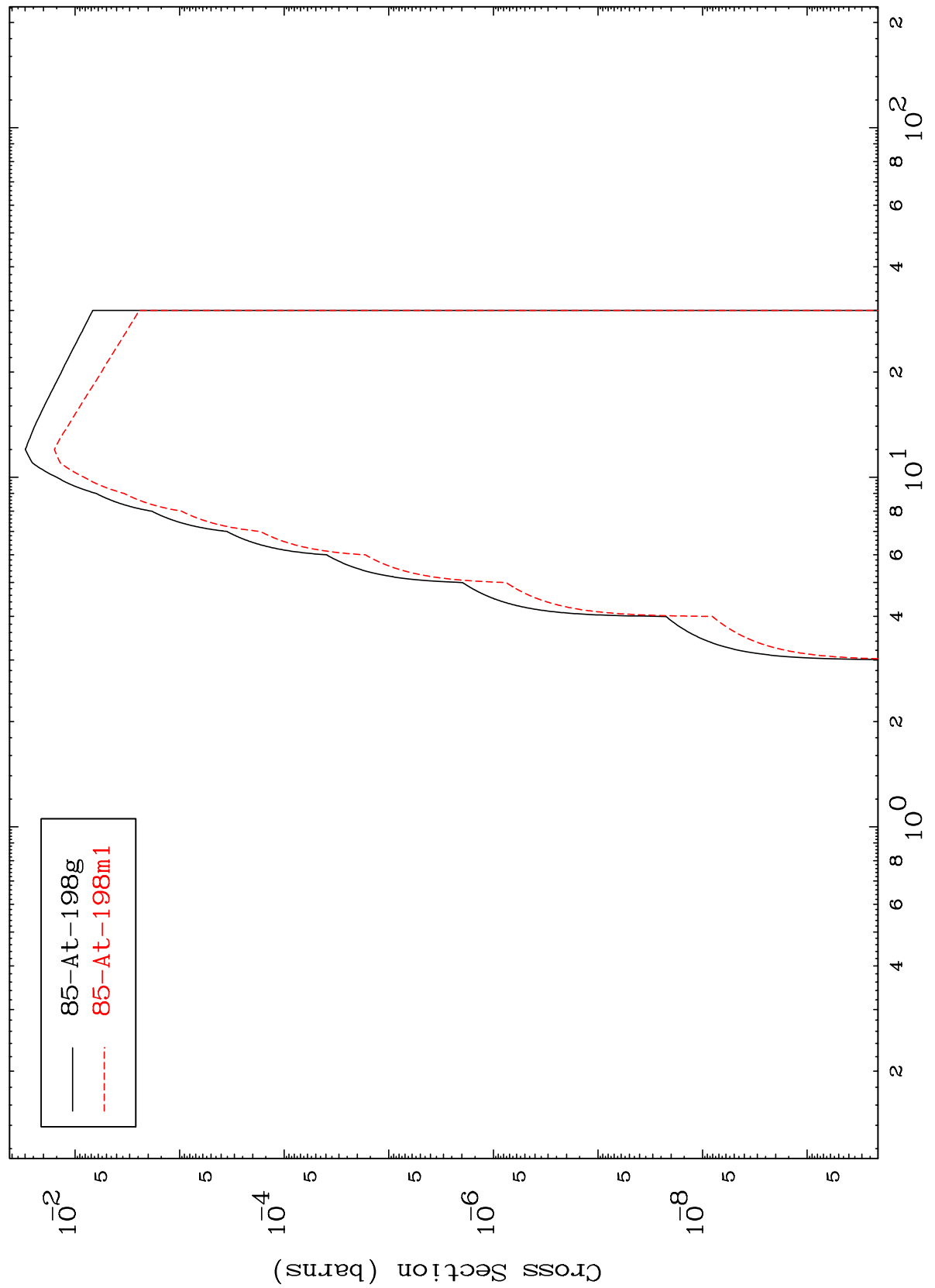
85-At-197m

22

MAT 8508

85-At-197m

(n,p)
Radionuclide Production Cross Section



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

85-At-197m

Incident Energy (MeV)

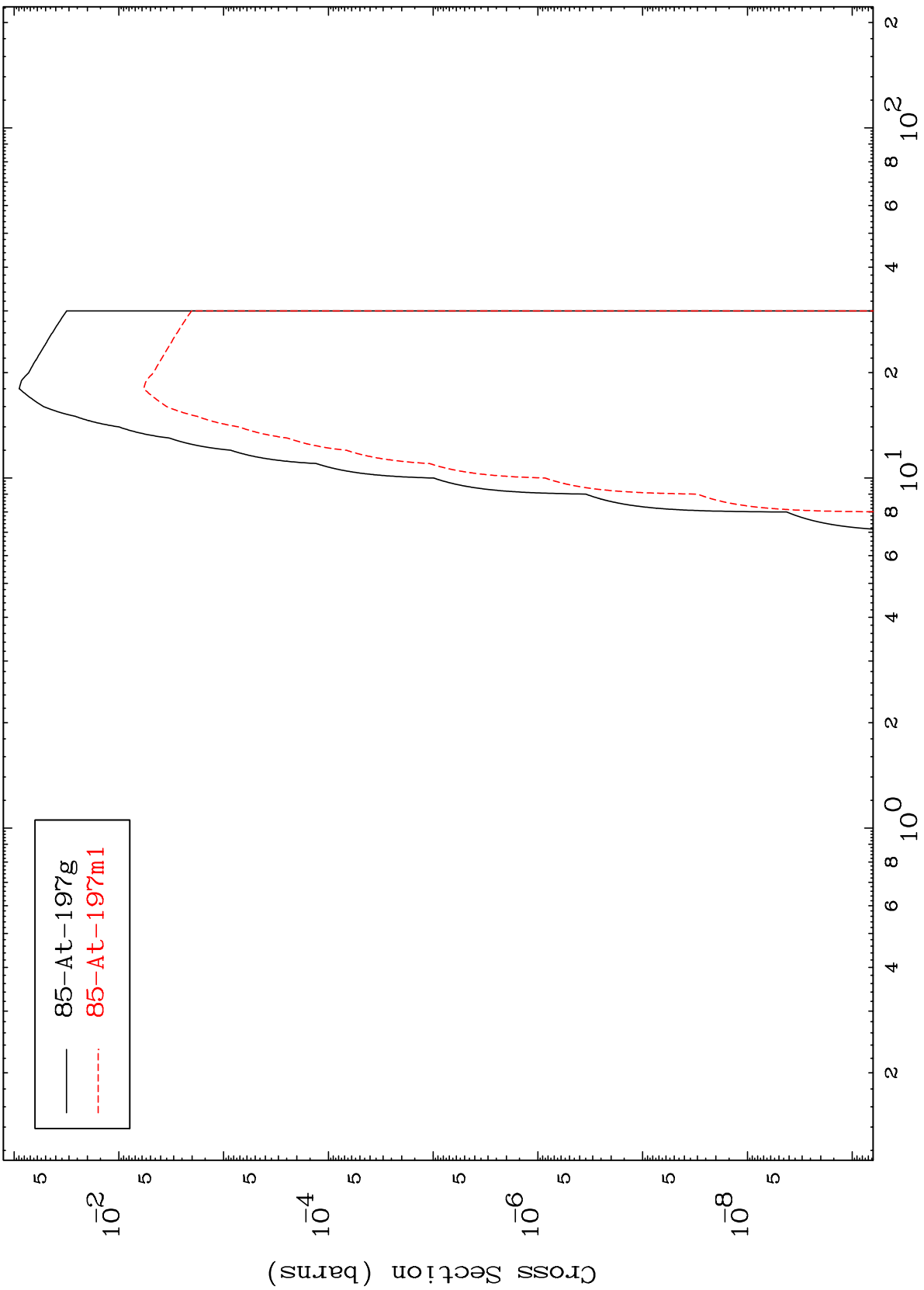
23

MAT 8508

(n,d)

85-At-197m

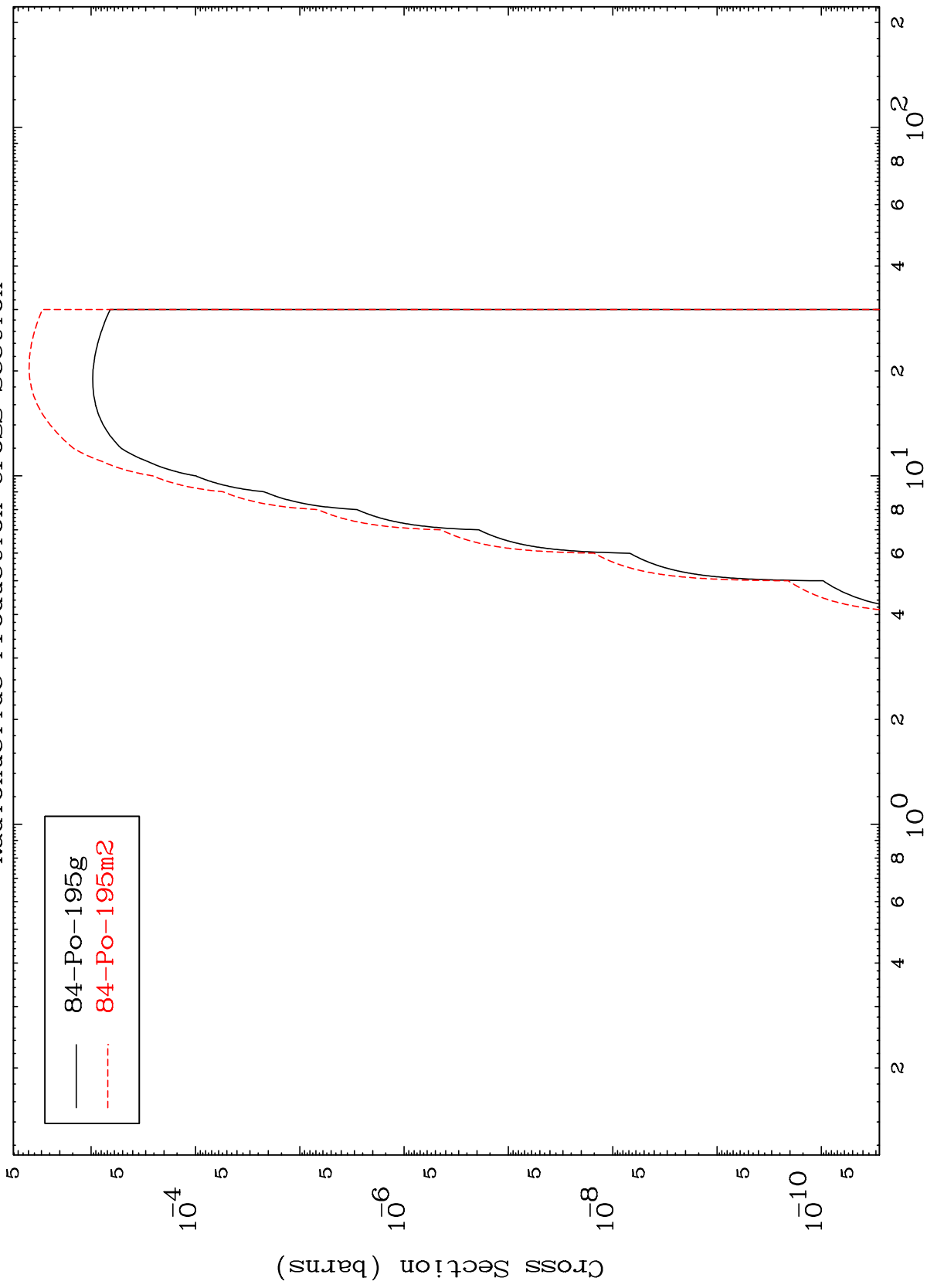
Radionuclide Production Cross Section



MAT 8508

85-At-197m

Radionuclide Production Cross Section



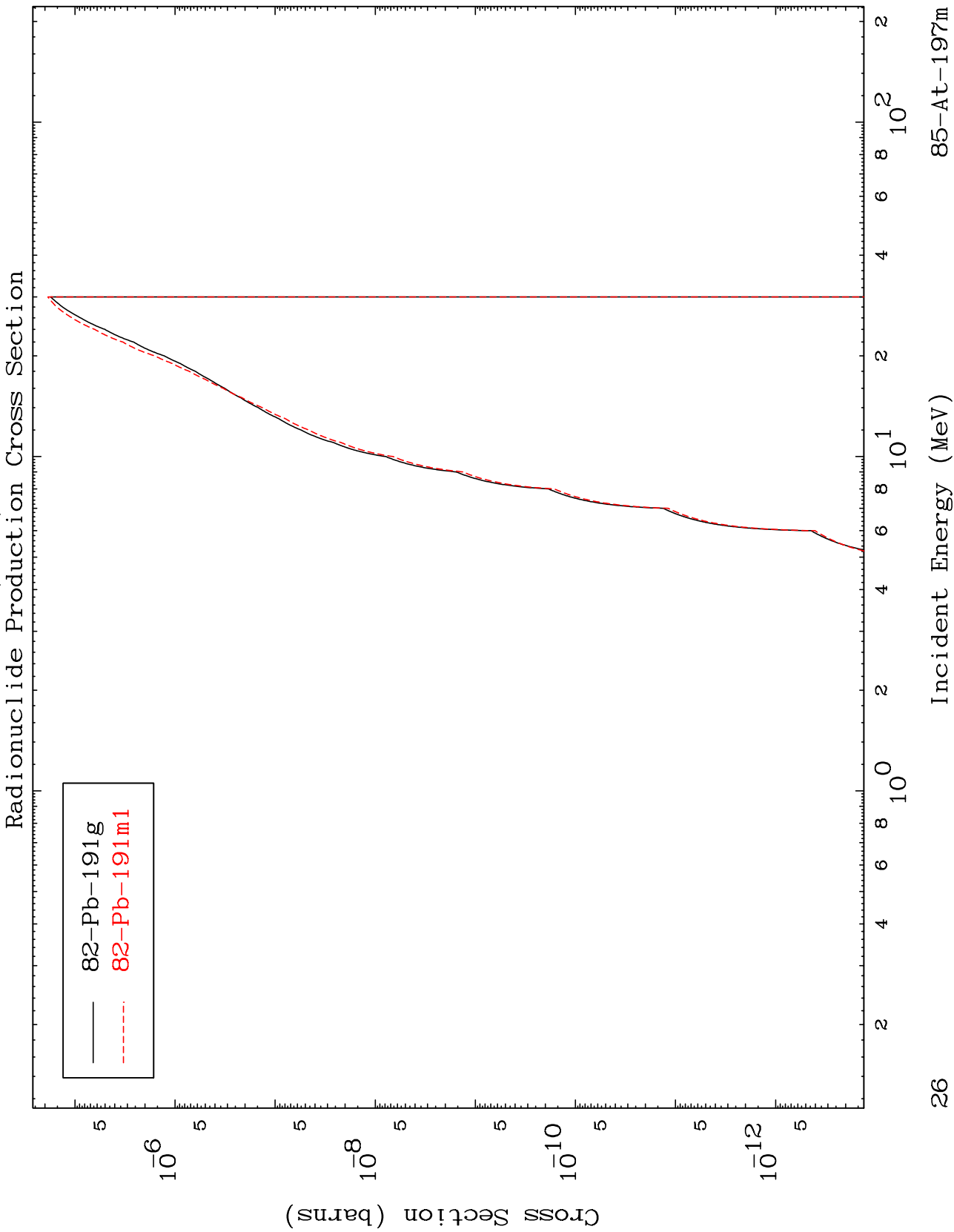
Incident Energy (MeV)

85-At-197m

25

MAT 8508

85-At-197m

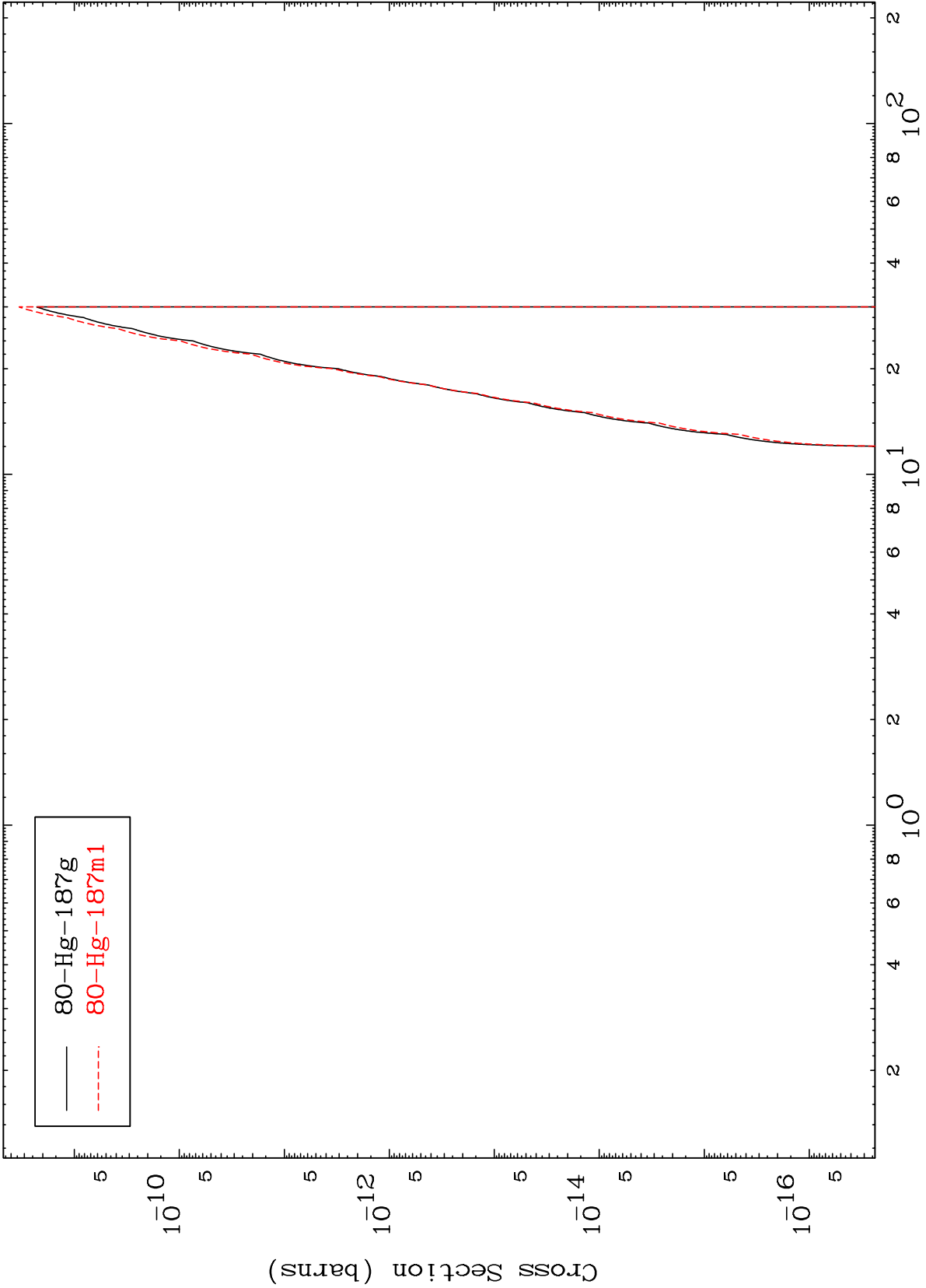


MAT 8508

(n, 3α)

85-At-197m

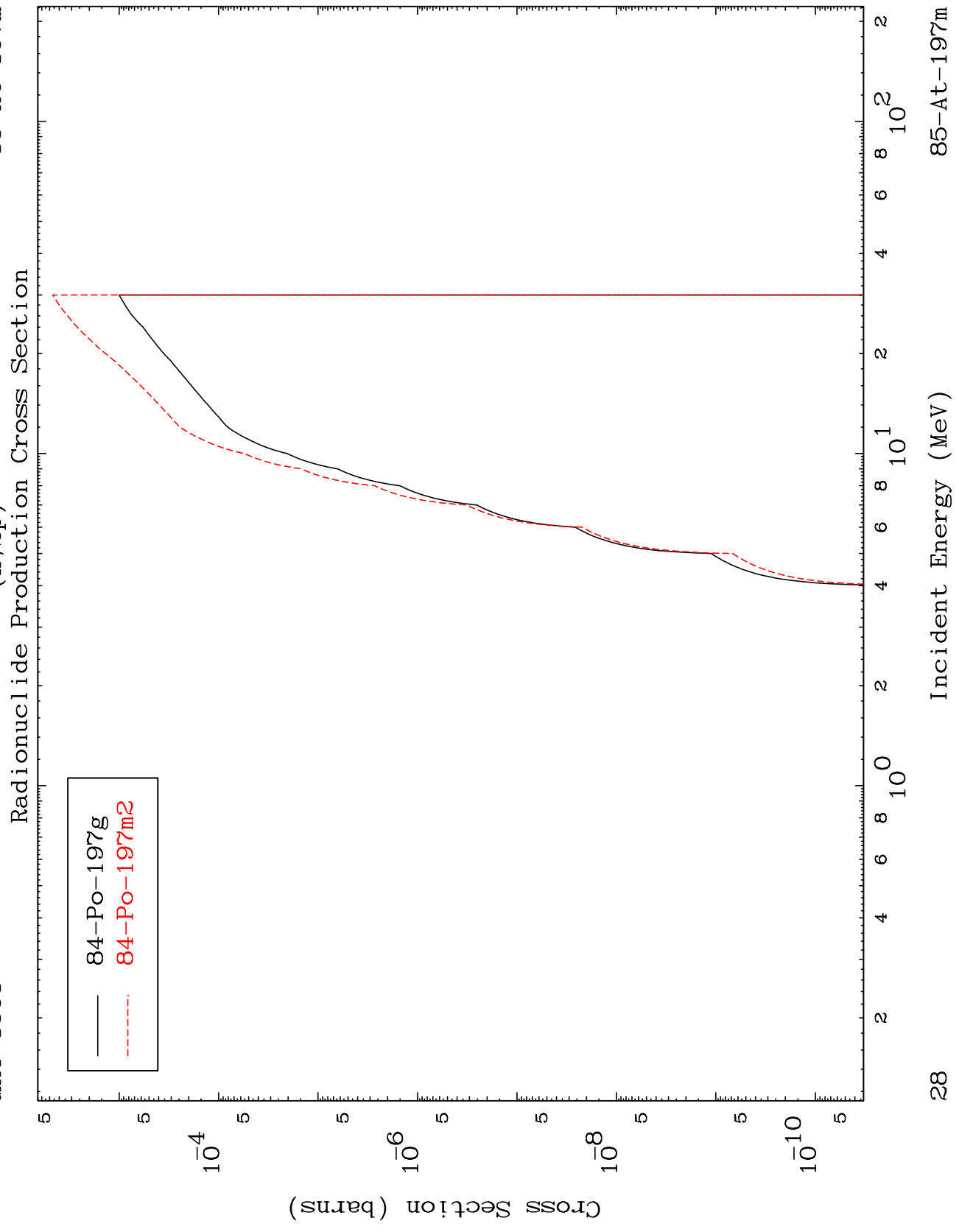
Radionuclide Production Cross Section



MAT 8508

85-At-197m

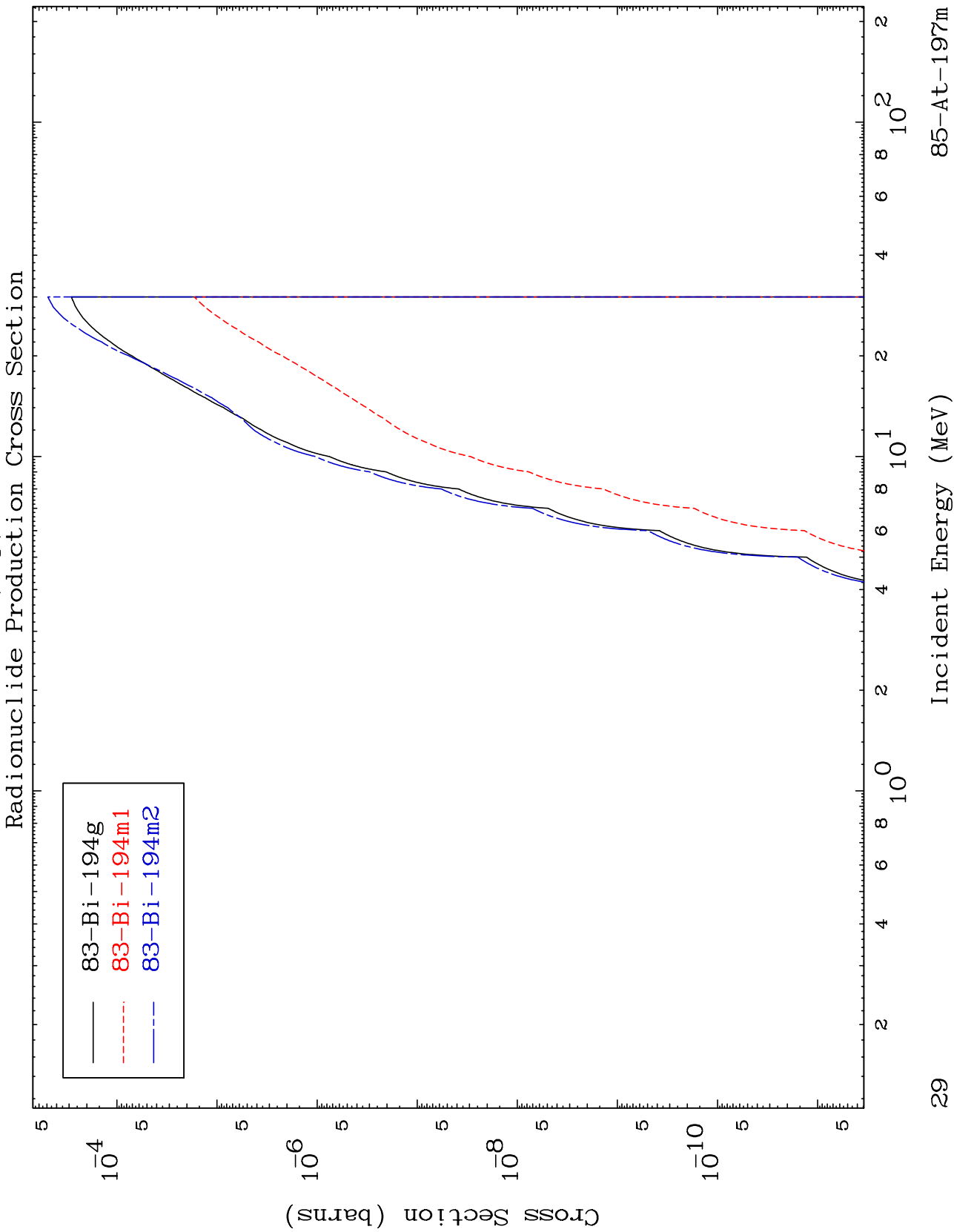
(n,2p)



MAT 8508

(n,p) α

85-At-197m

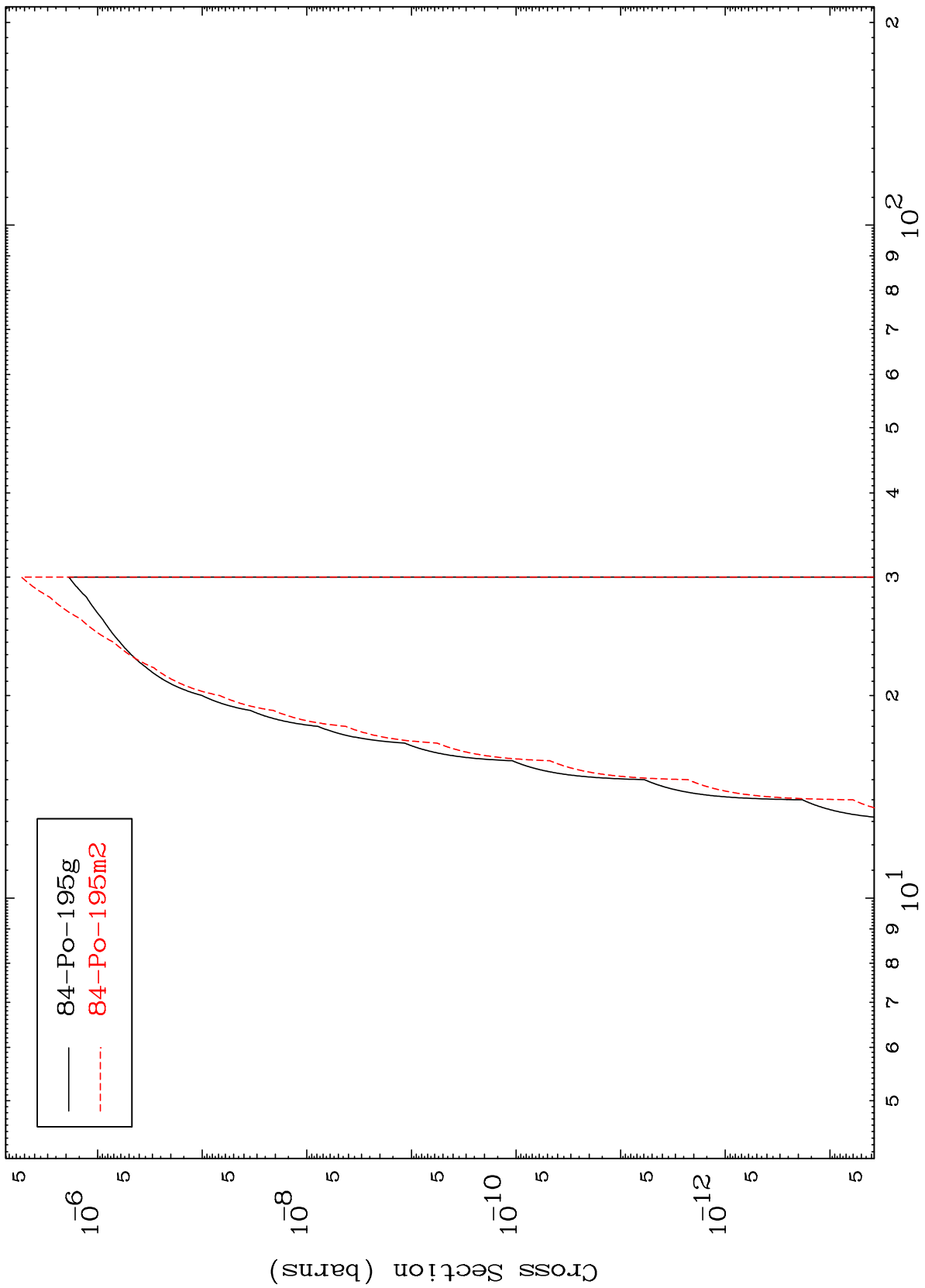


MAT 8508

(n,p) t

85-At-197m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

85-At-197m

MAT 8508

(n,d) α

85-At-197m

Radionuclide Production Cross Section

