

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

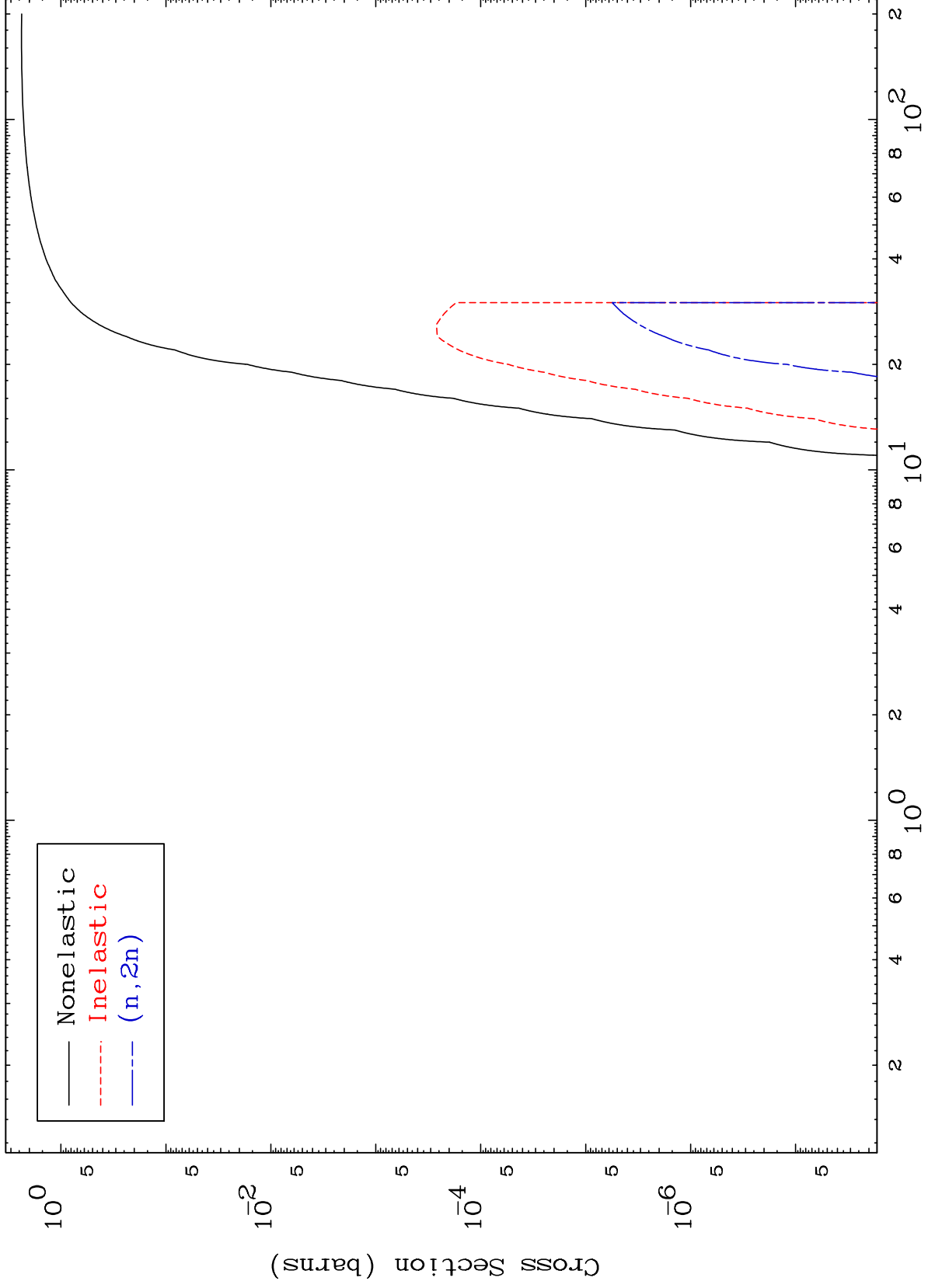
Press Mouse Button to Start

MAT 8511

He-3 Major

85-At-198m

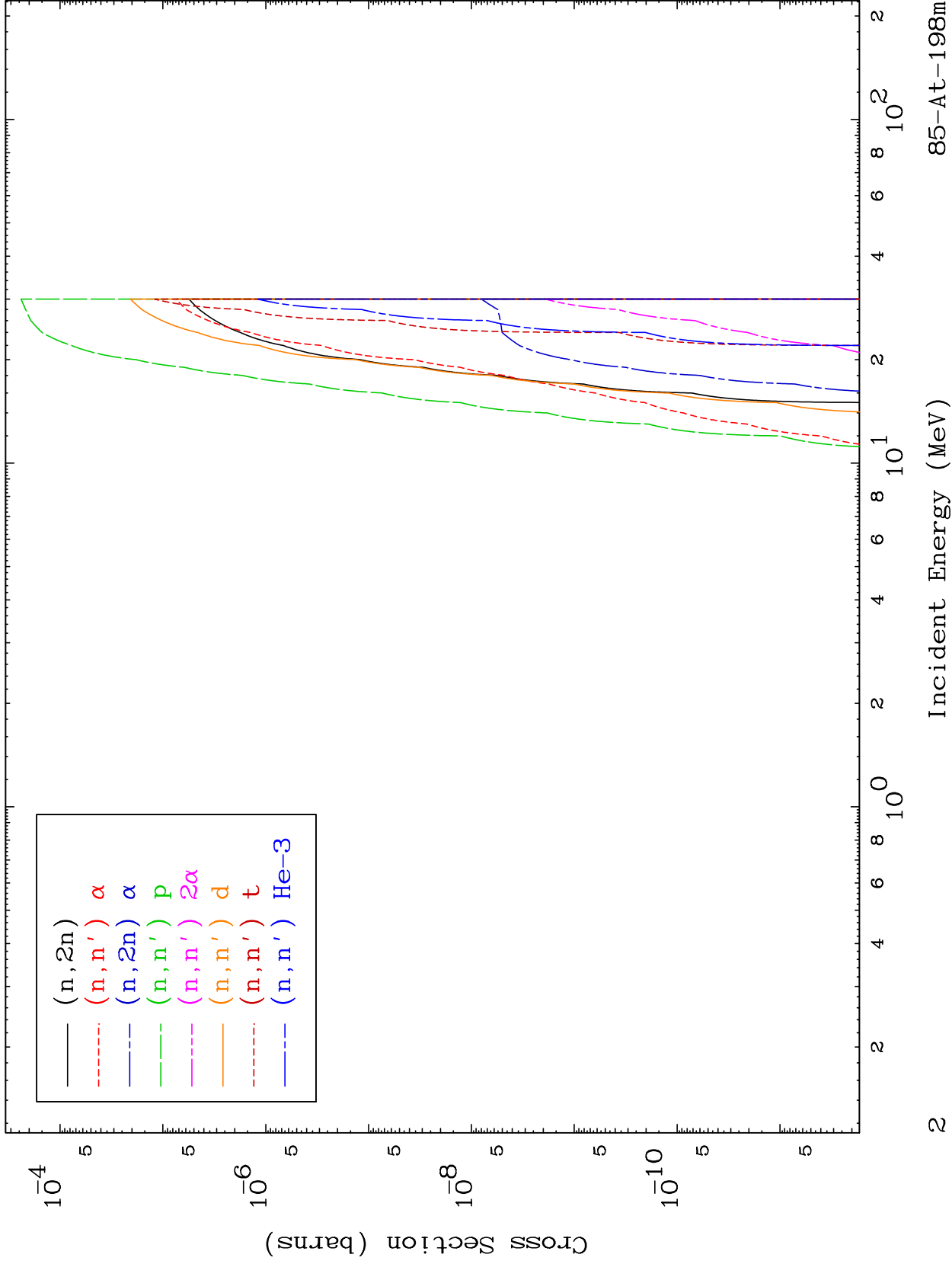
0 Kelvin Cross Sections



MAT 8511

He-3 Neutron Absorption
0 Kelvin Cross Sections

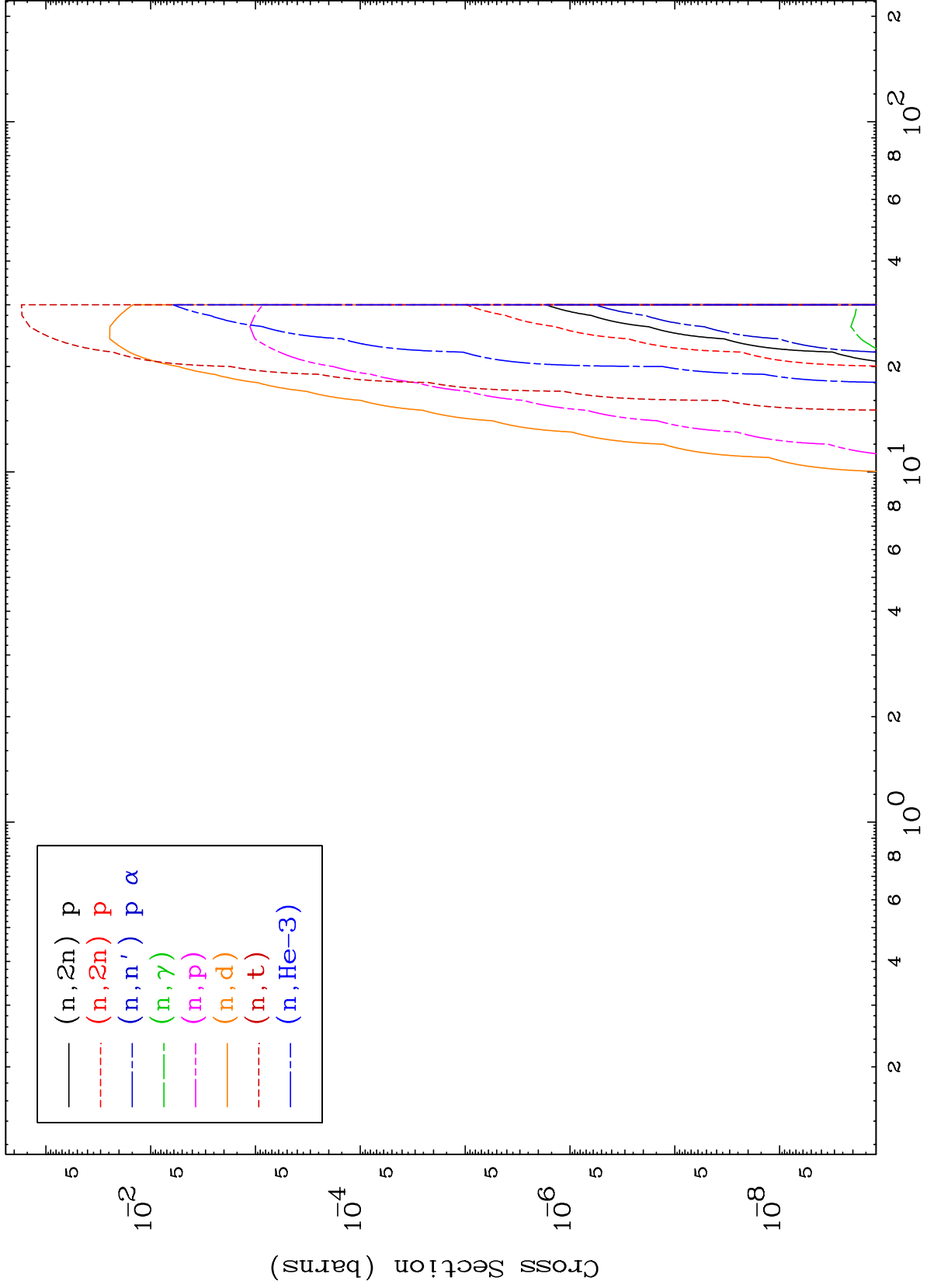
85-At-198m



MAT 8511

He-3 Neutron Absorption
0 Kelvin Cross Sections

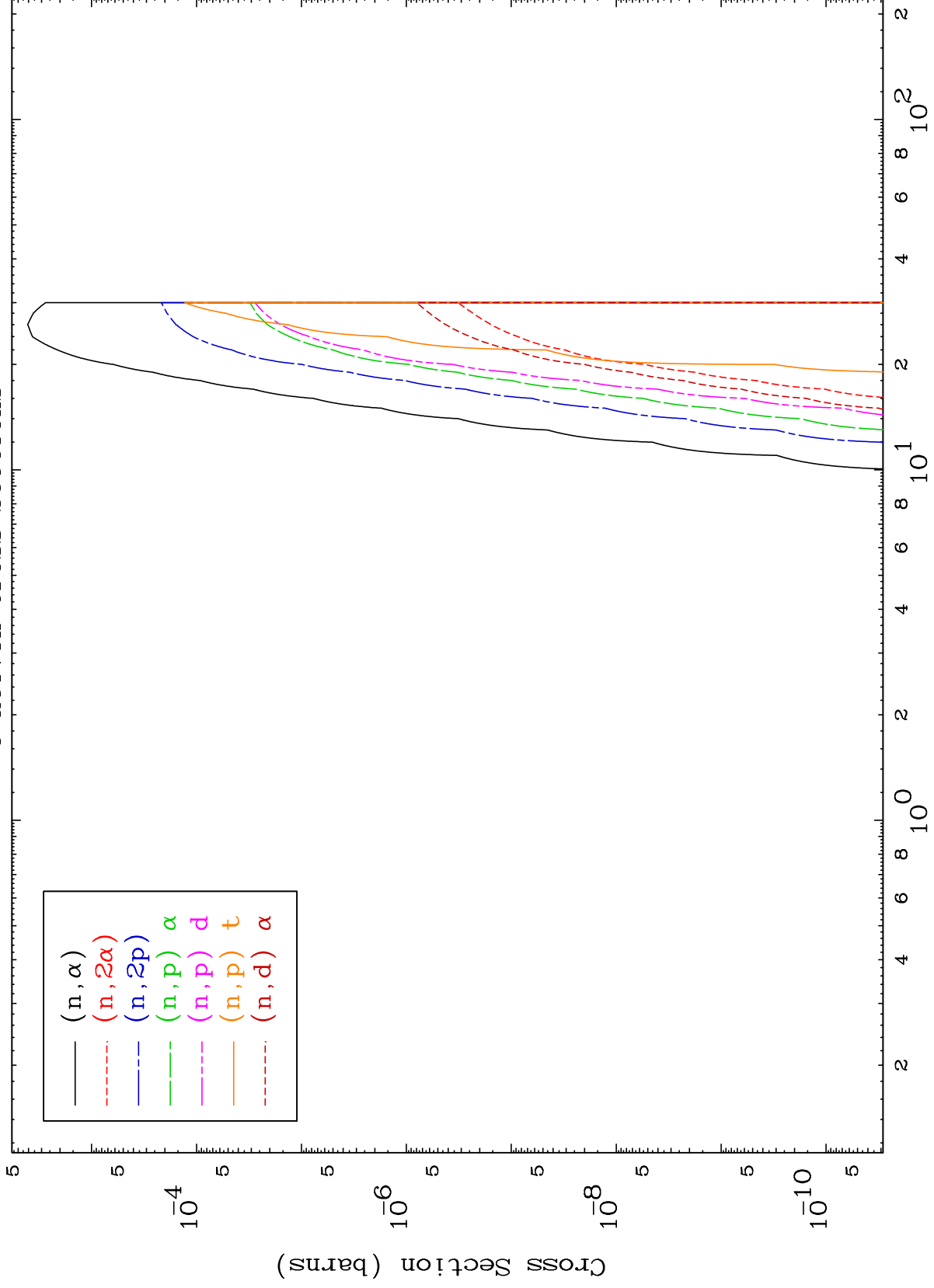
85-At-198m



MAT 8511

He-3 Neutron Absorption
0 Kelvin Cross Sections

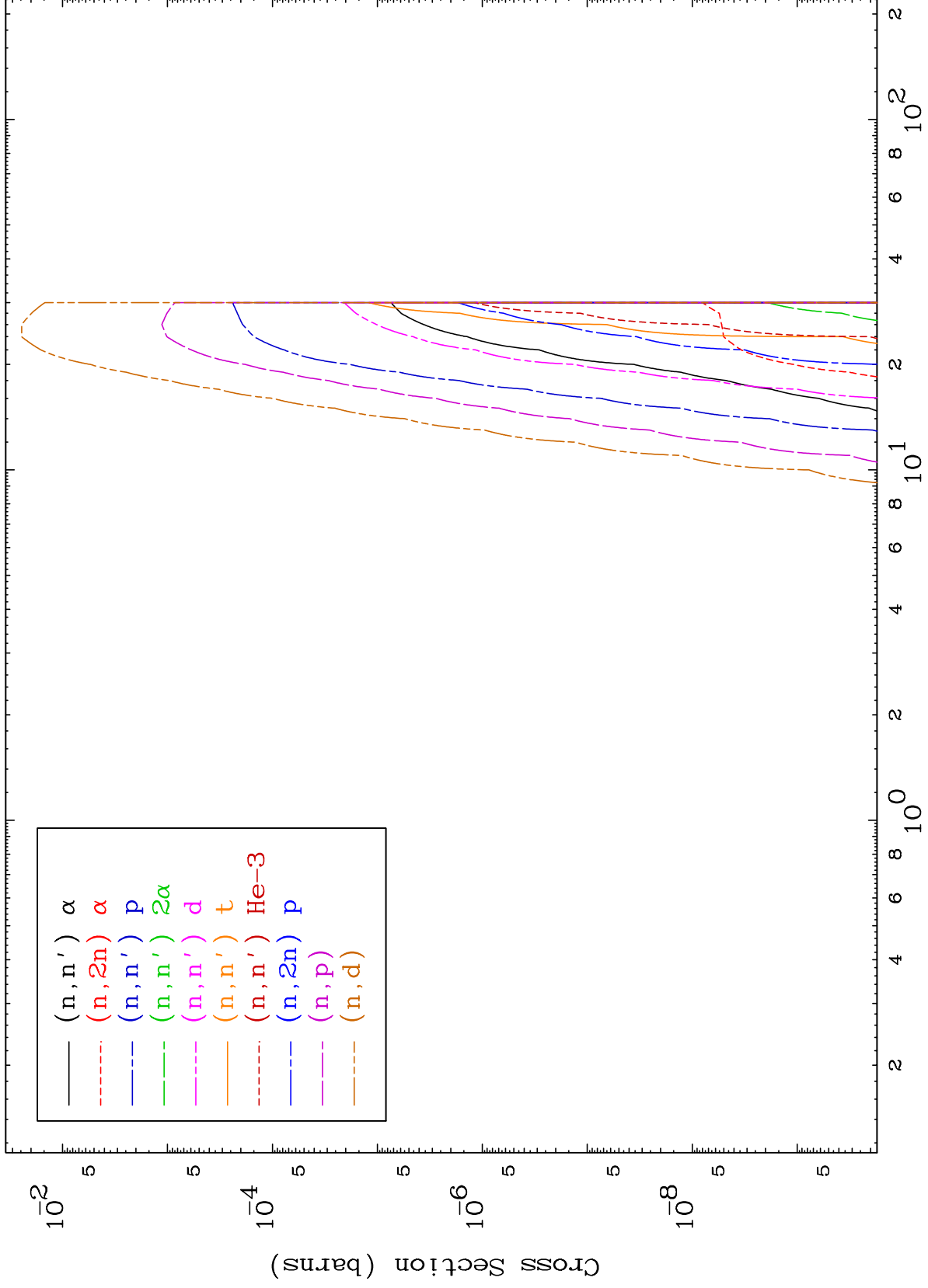
85-At-198m



MAT 8511

He-3 Charged Particle
0 Kelvin Cross Sections

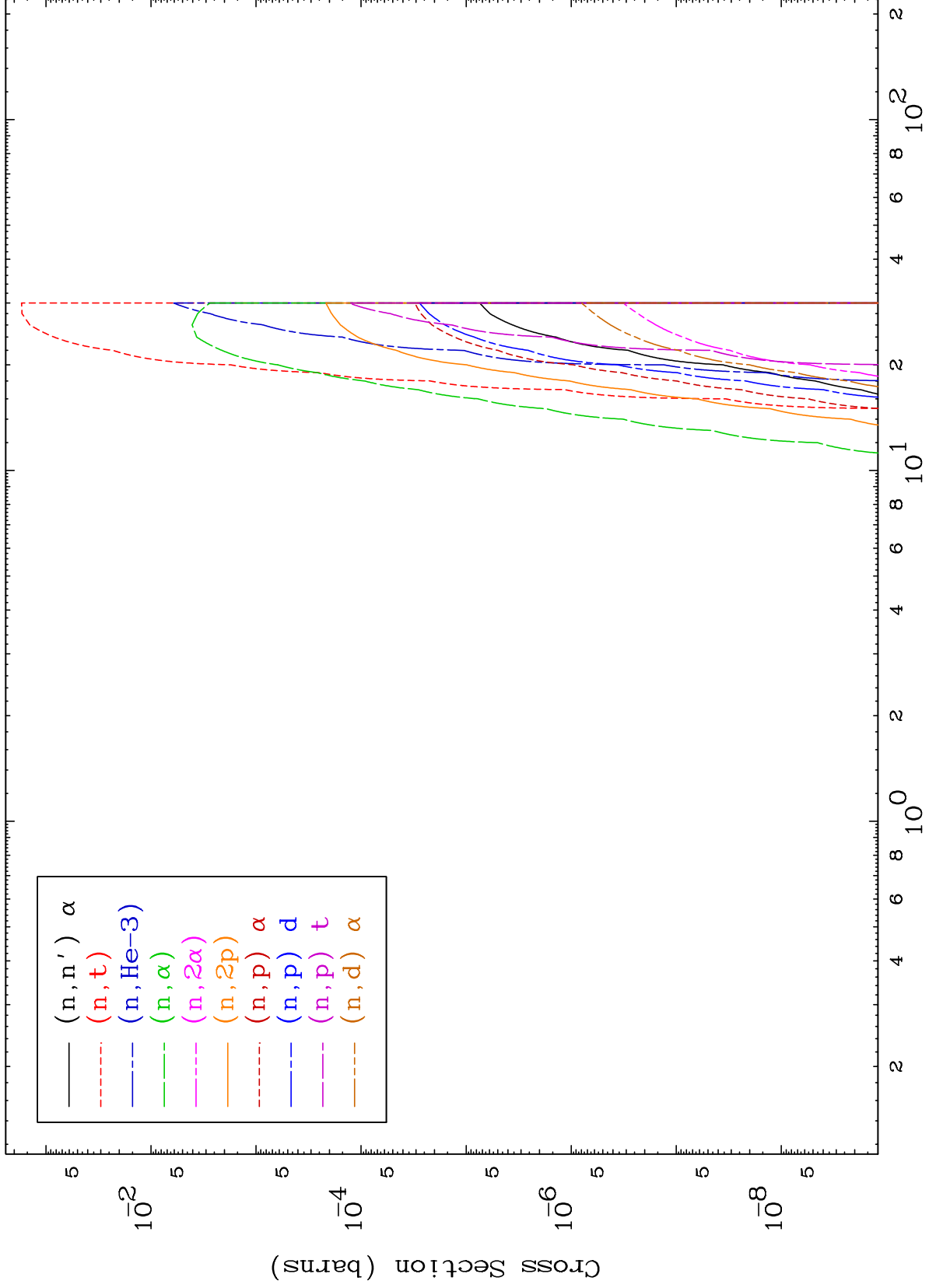
85-At-198m



MAT 8511

He-3 Charged Particle
0 Kelvin Cross Sections

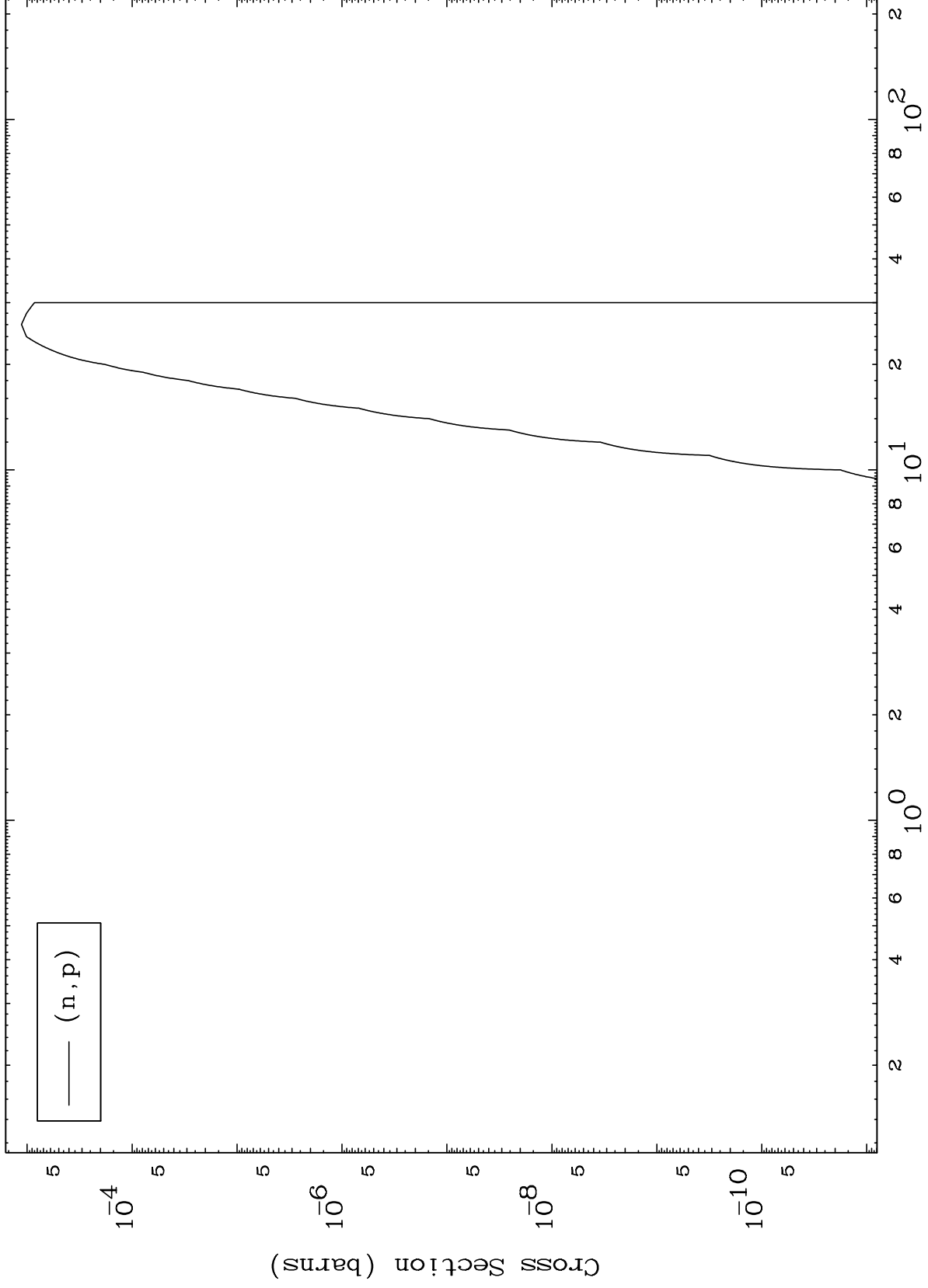
85-At-198m



MAT 85111

(He-3,p) Levels
0 Kelvin Cross Sections

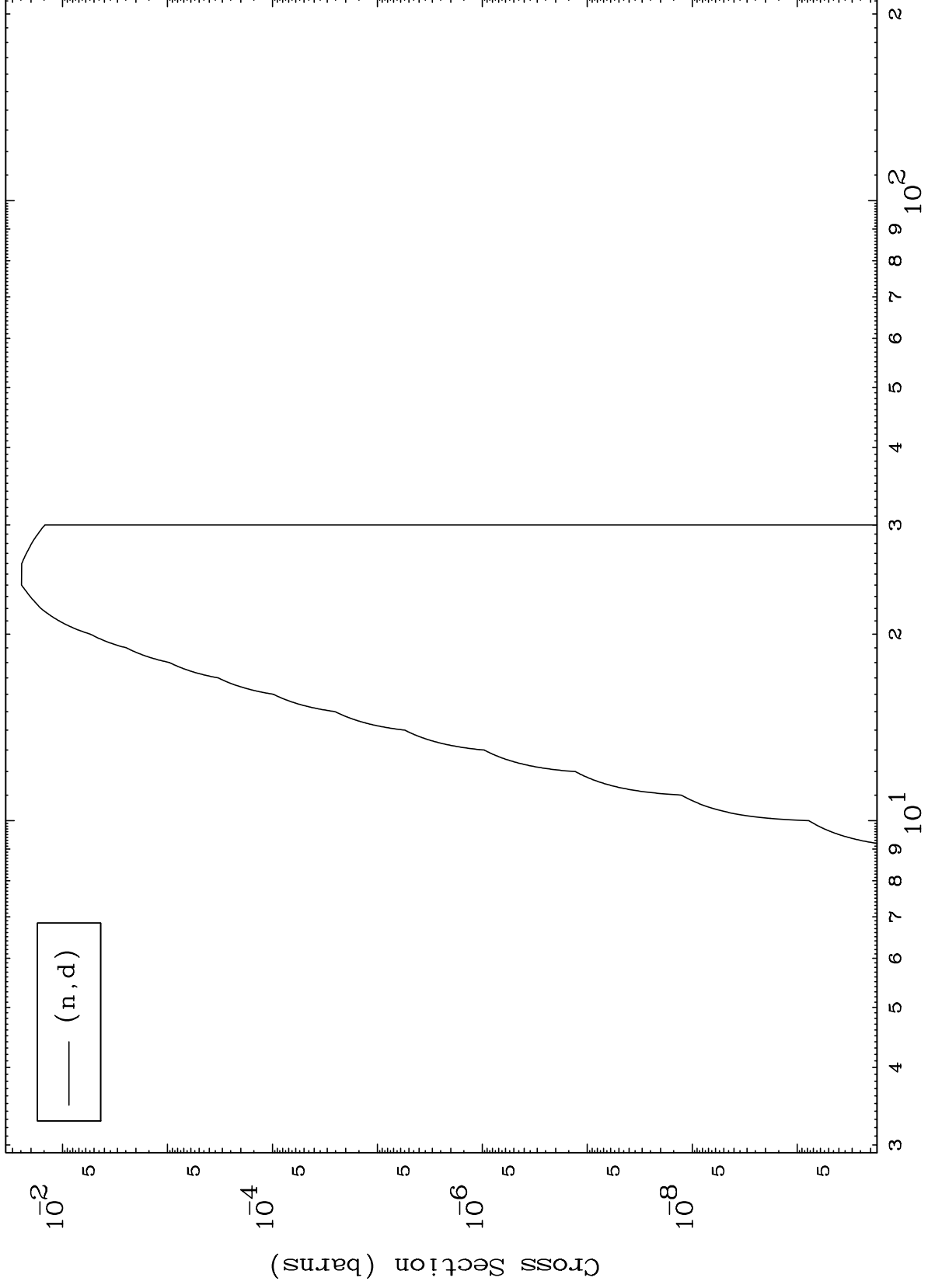
85-At-198m



MAT 85111

(He-3,d) Levels
0 Kelvin Cross Sections

85-At-198m



8

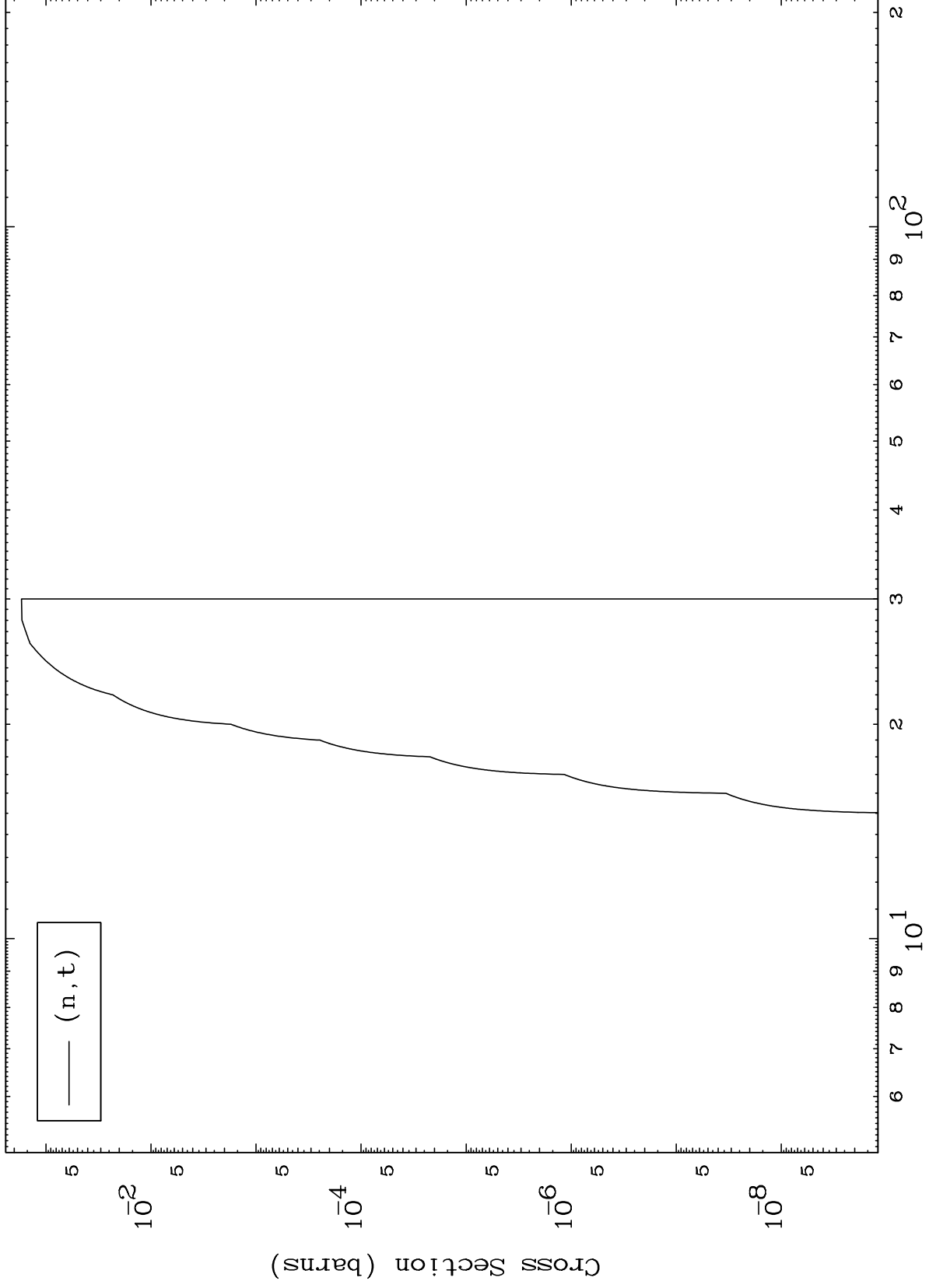
Incident Energy (MeV)

85-At-198m

MAT 85111

(He-3,t) Levels
0 Kelvin Cross Sections

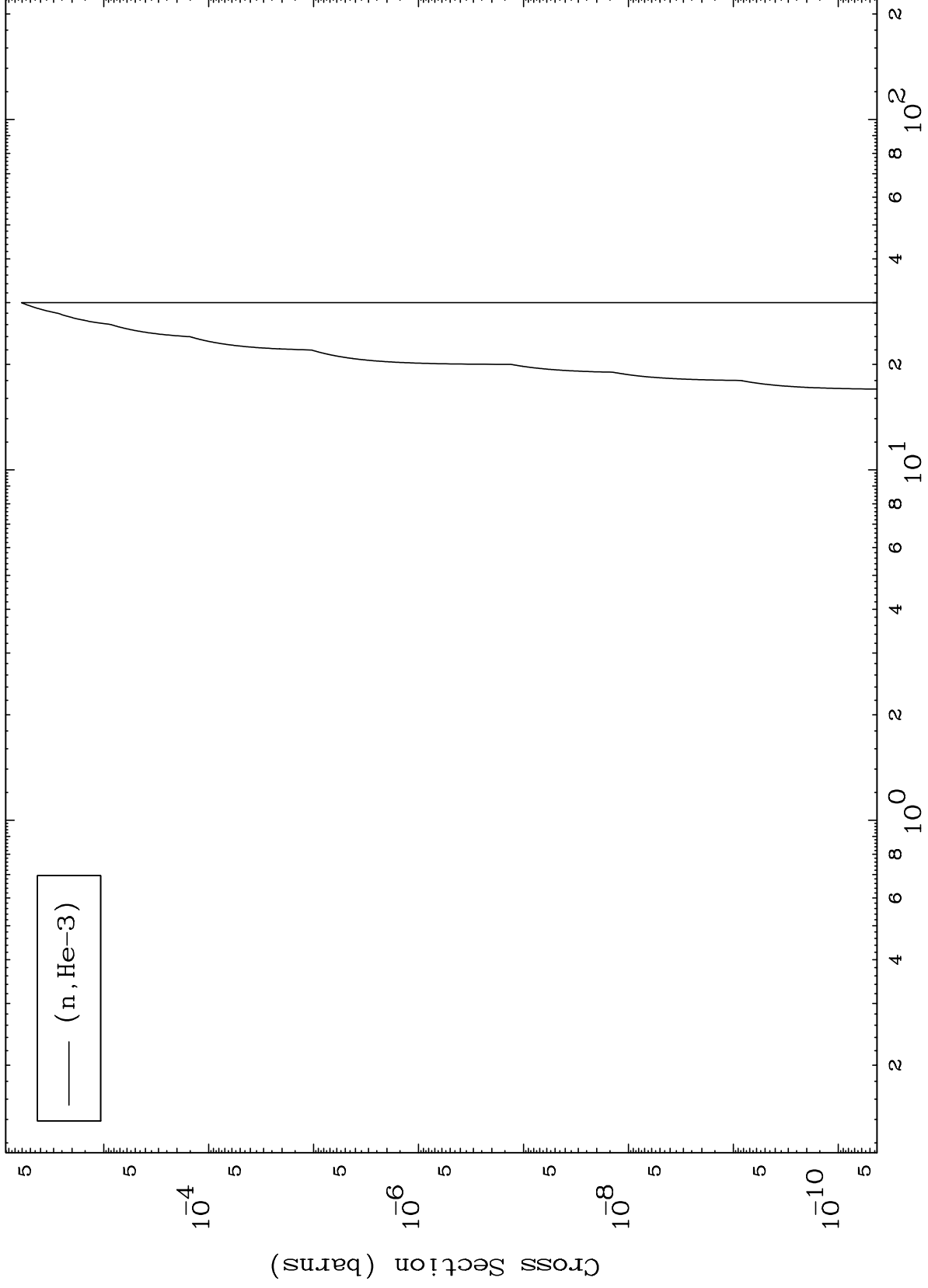
85-At-198m



MAT 85111

(He-3, He3) Levels
0 Kelvin Cross Sections

85-At-198m



10

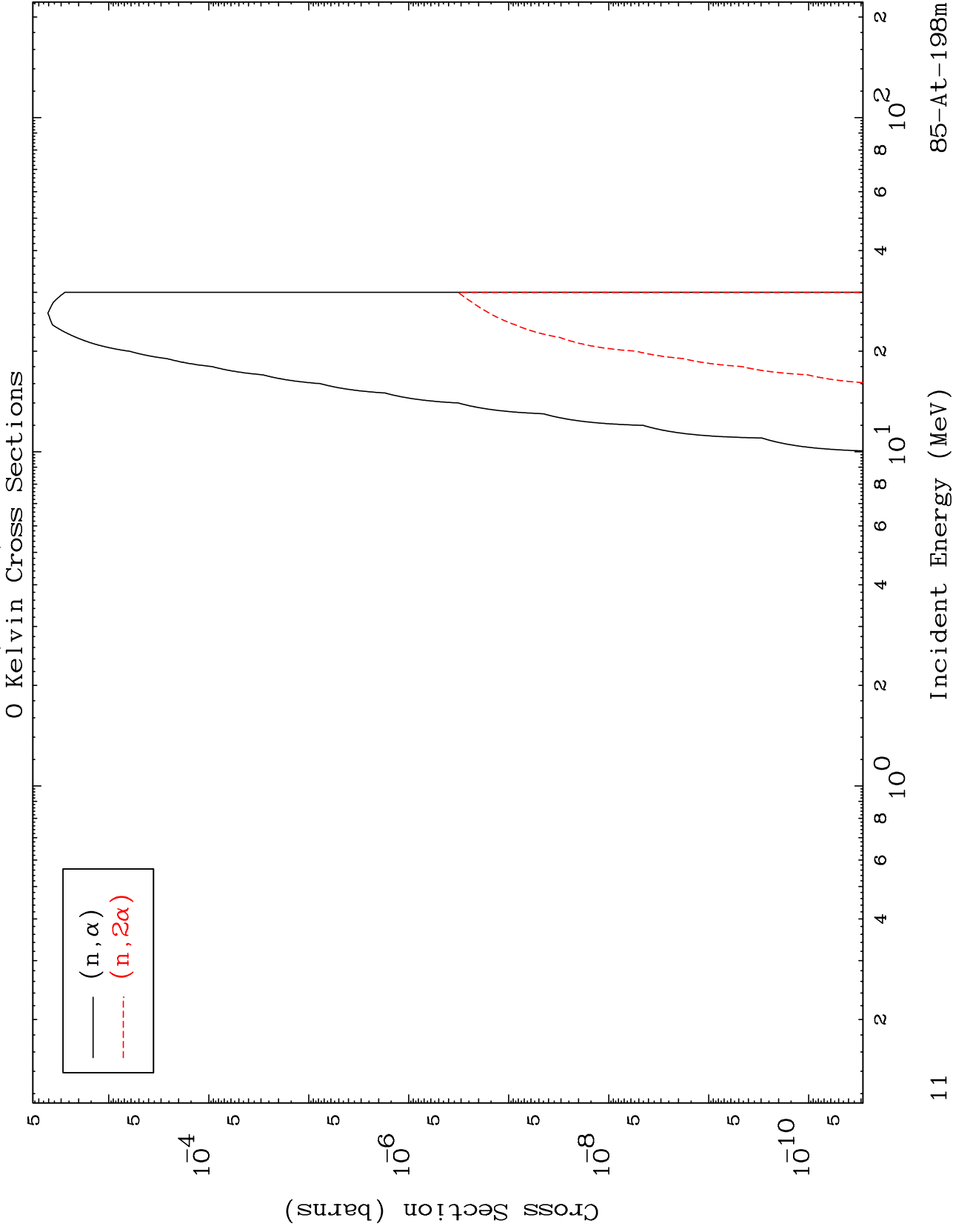
Incident Energy (MeV)

85-At-198m

MAT 8511

(He-3, α) Levels

85-At-198m

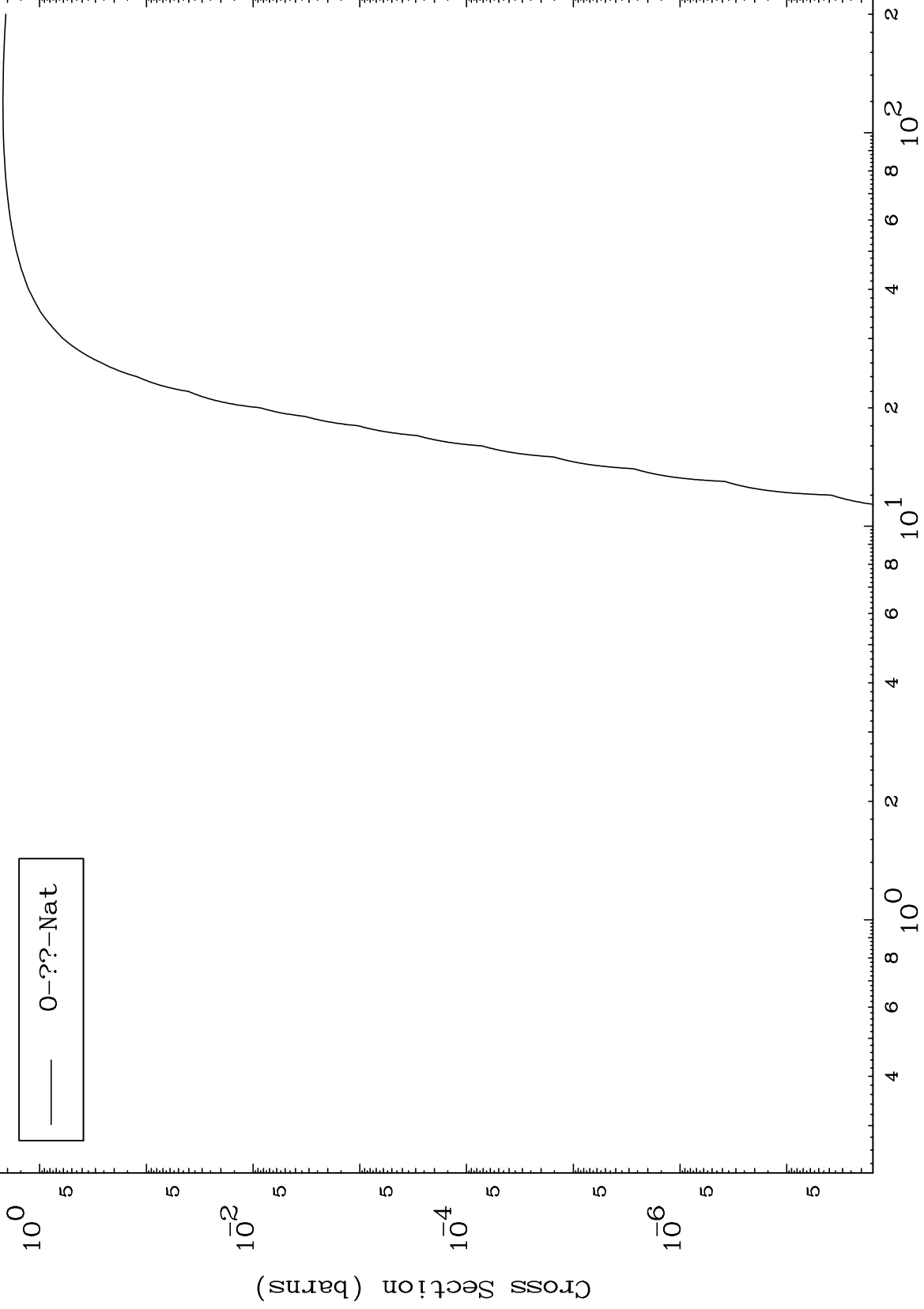


MAT 8511

Fission

85-At-198m

Radionuclide Production Cross Section

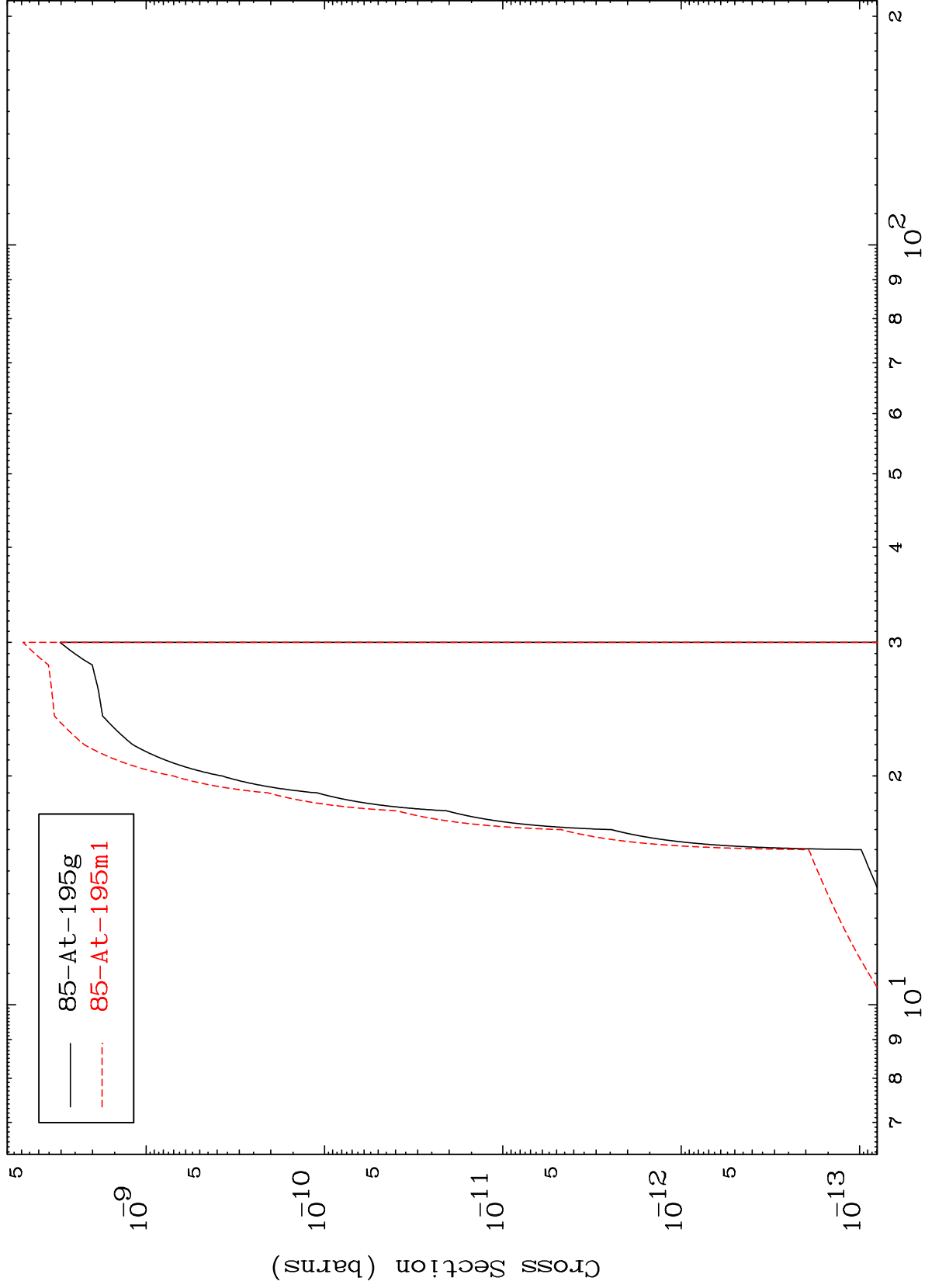


MAT 8511

$(n,2n) \alpha$

85-At-198m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

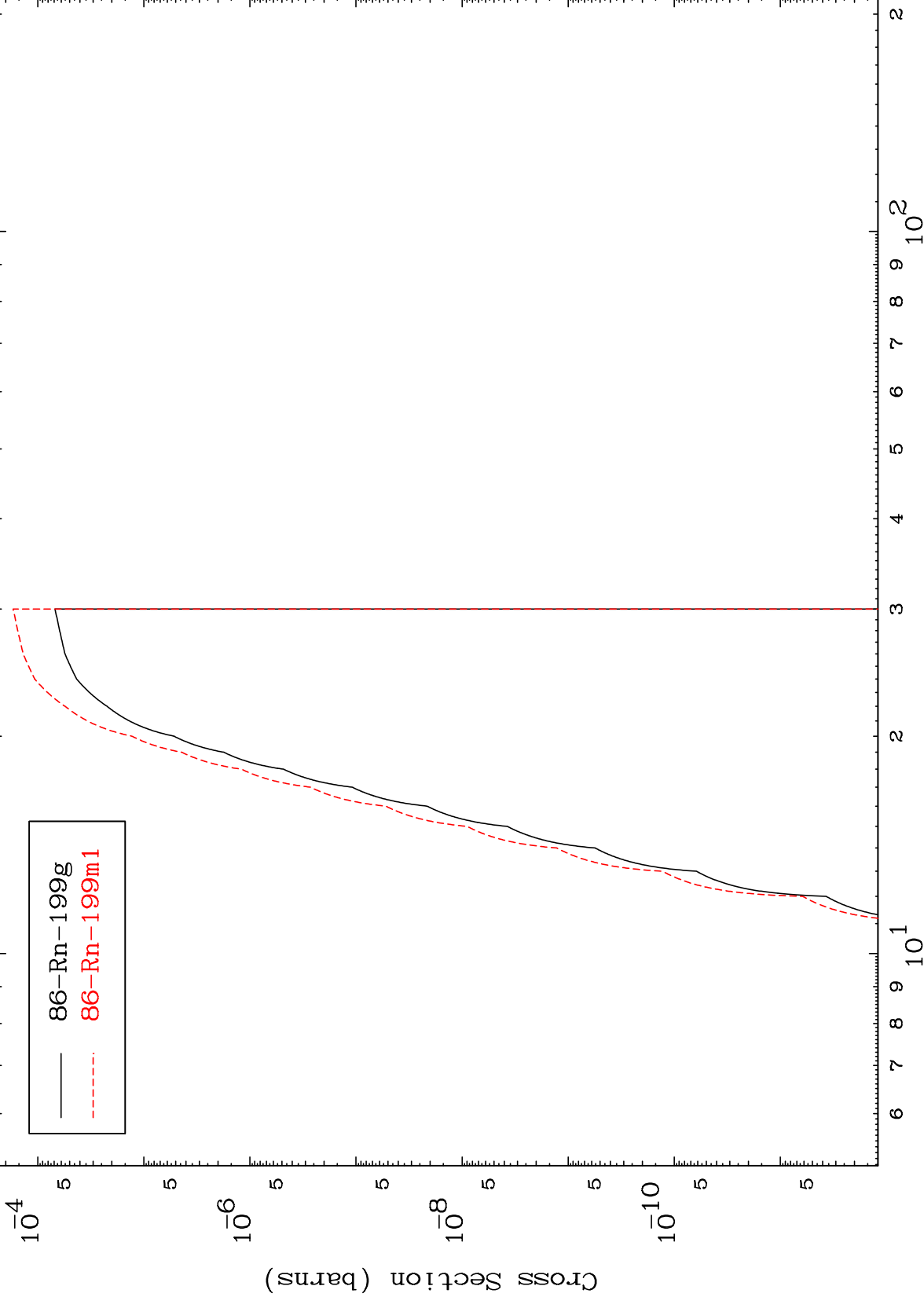
85-At-198m

MAT 8511

(n,n') p

85-At-198m

Radionuclide Production Cross Section



86-Rn-199g
86-Rn-199m1

14

Incident Energy (MeV)

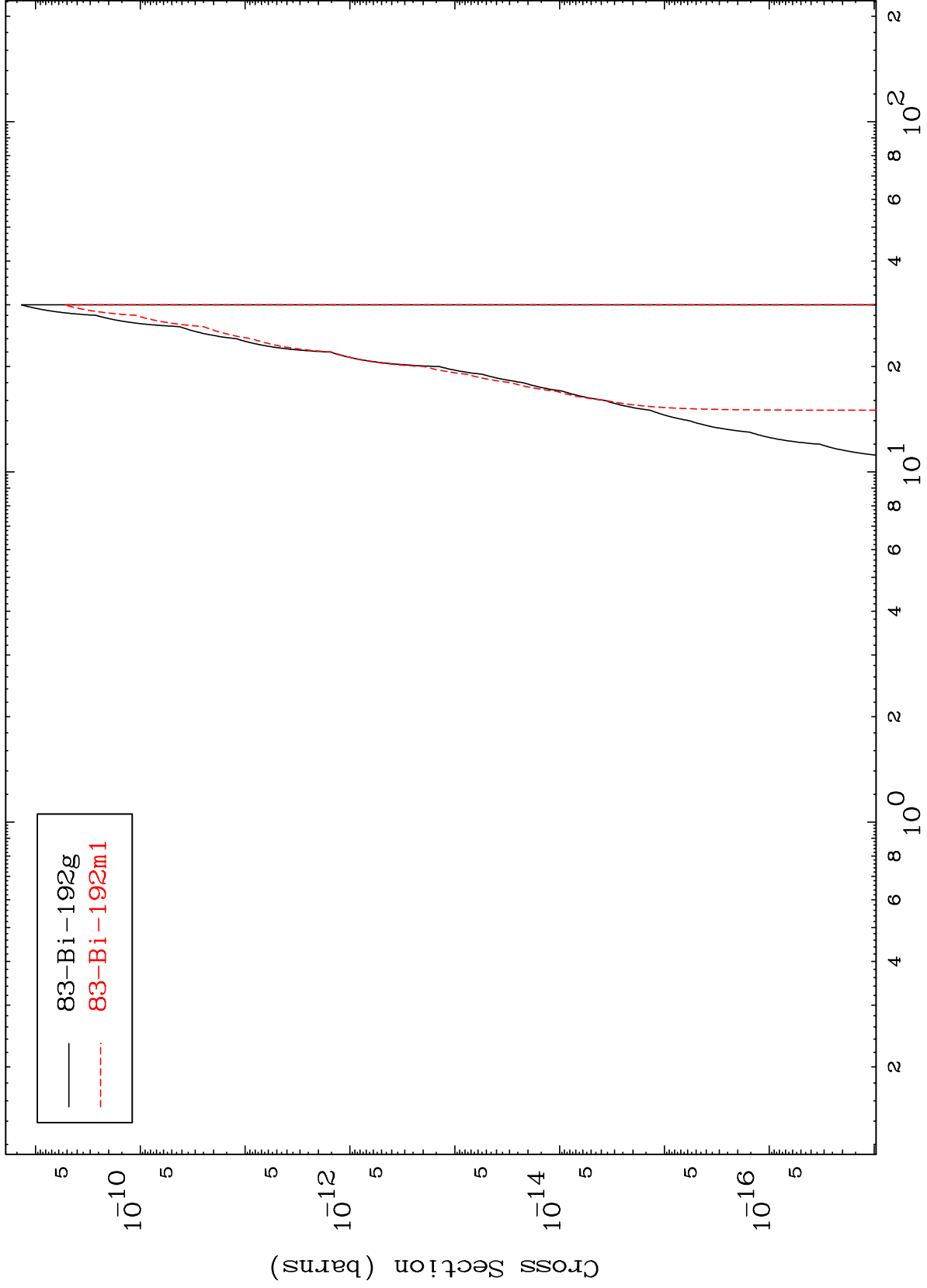
85-At-198m

MAT 8511

(n,n') 2 α

85-At-198m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

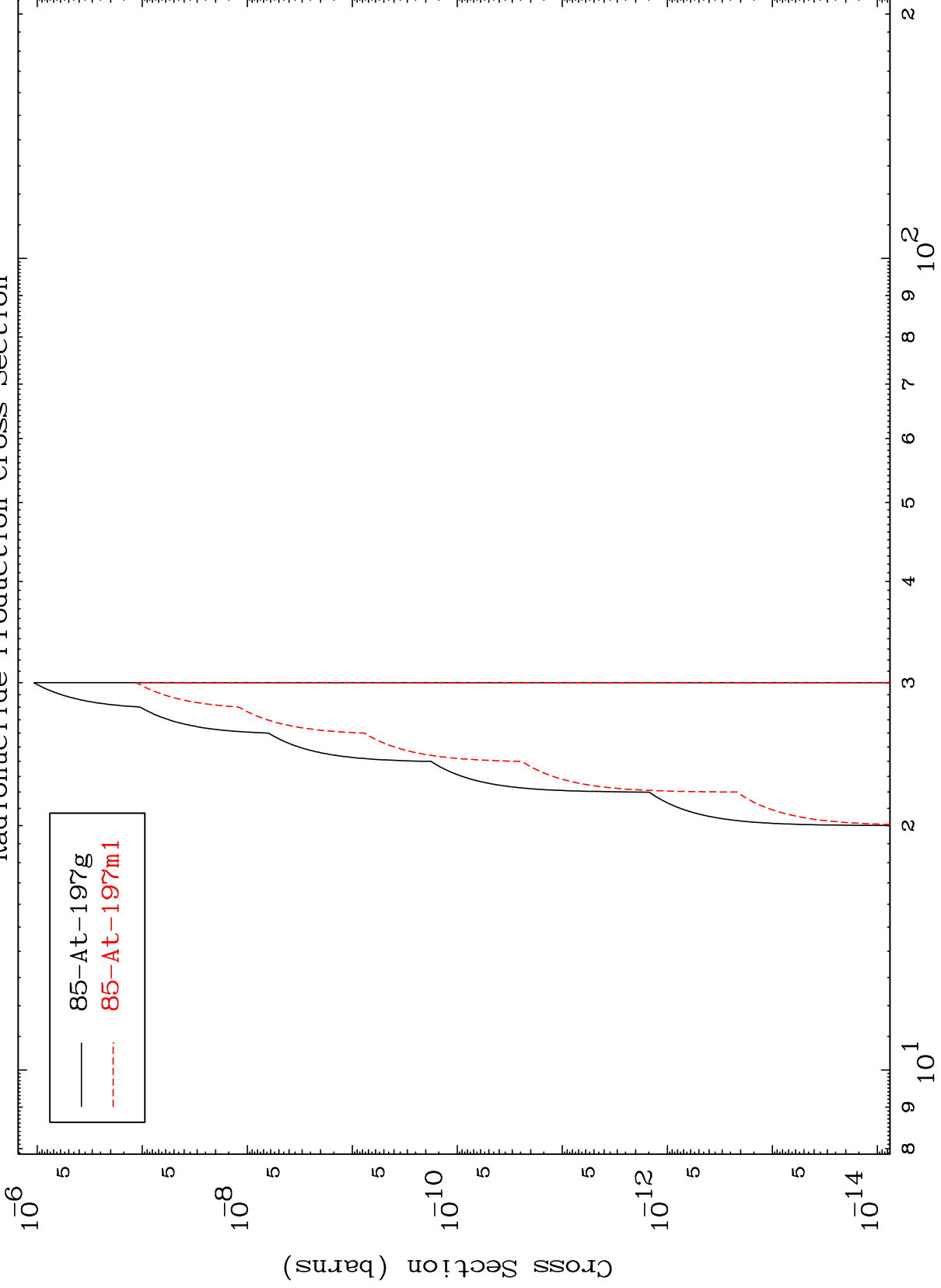
85-At-198m

MAT 8511

(n,n') He-3

85-At-198m

Radionuclide Production Cross Section



85-At-197g
85-At-197m1

16

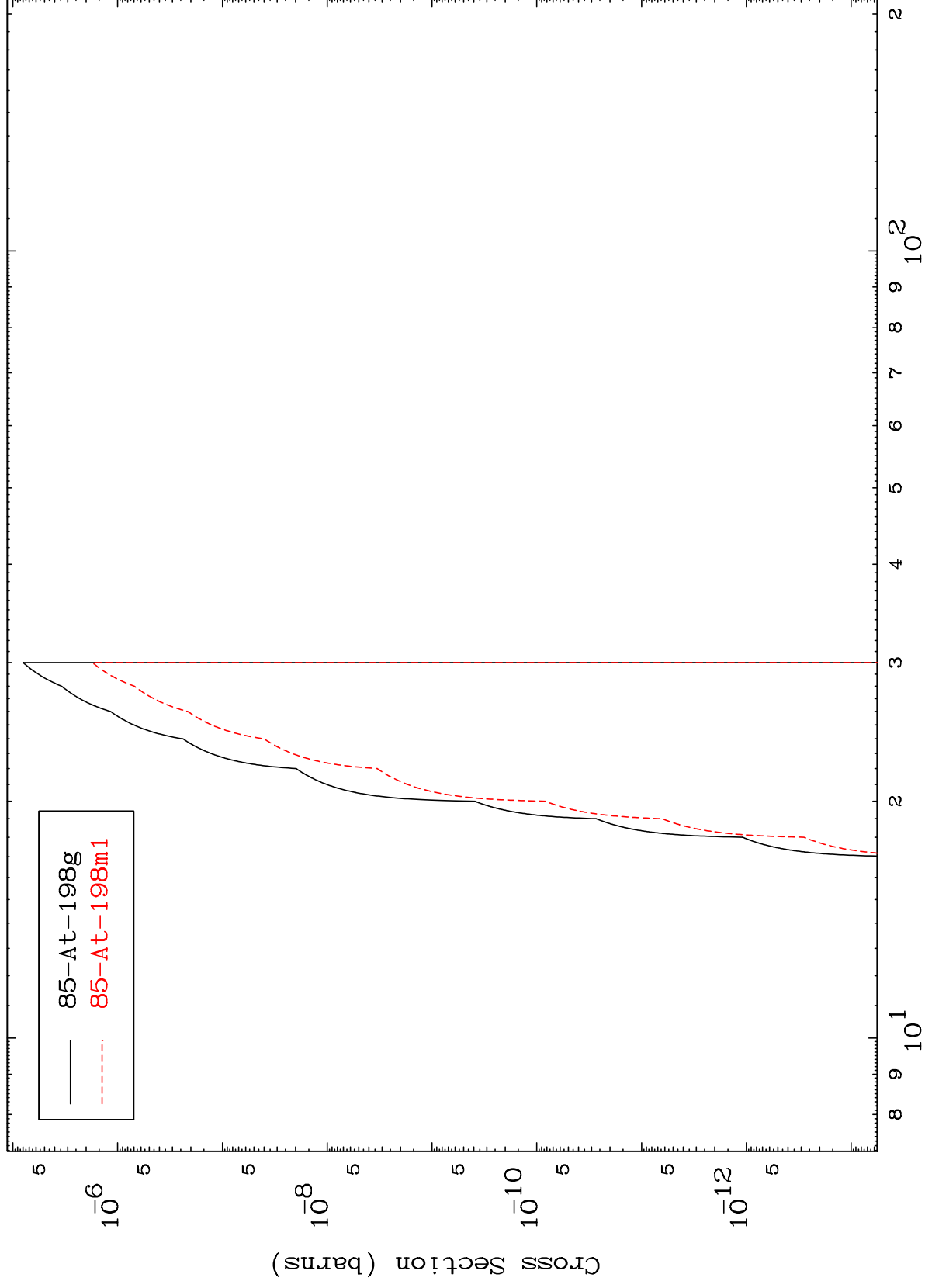
Incident Energy (MeV)

85-At-198m

MAT 8511

85-At-198m

(n,2n) p
Radionuclide Production Cross Section



85-At-198m

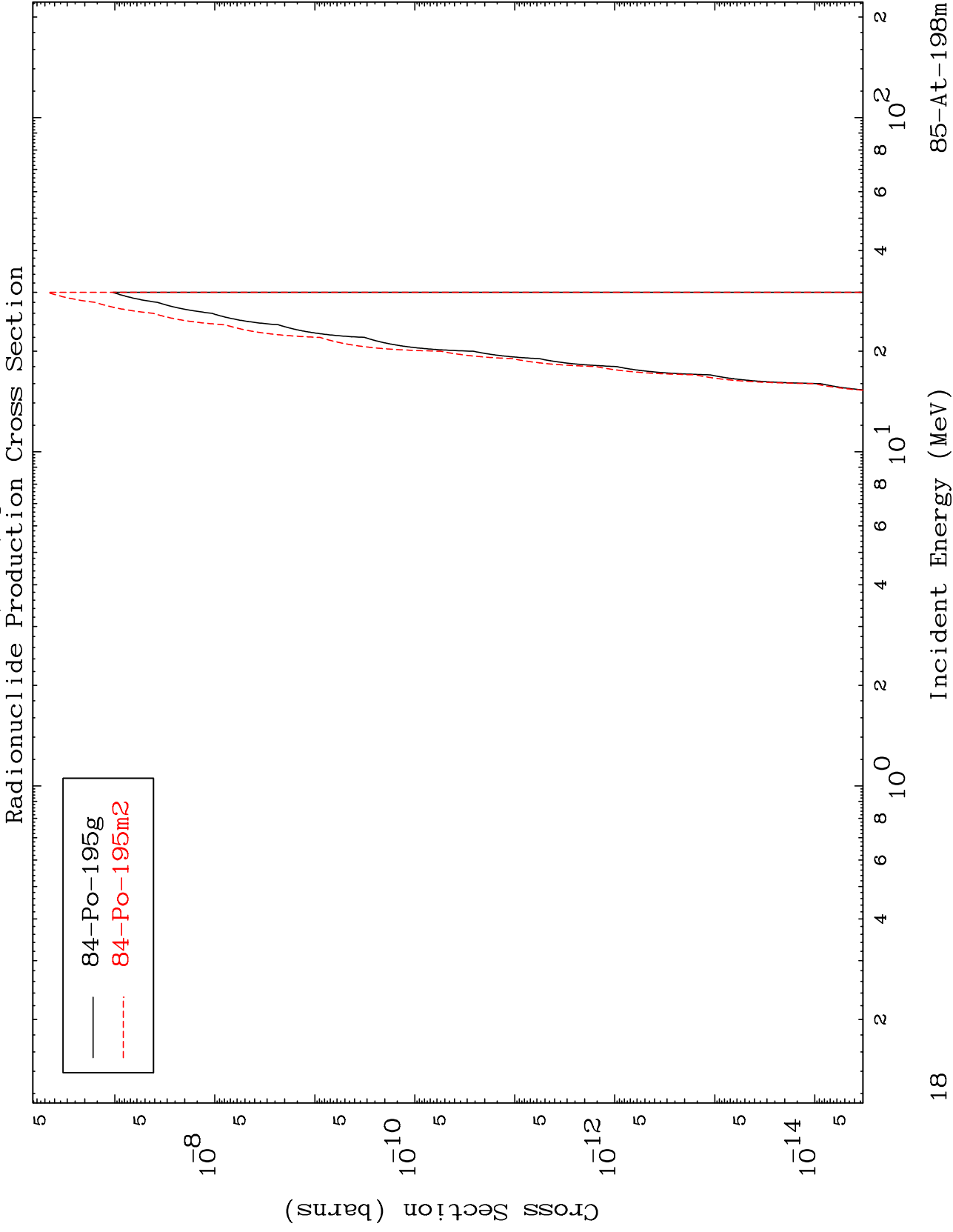
Incident Energy (MeV)

17

MAT 8511

(n,n') p α

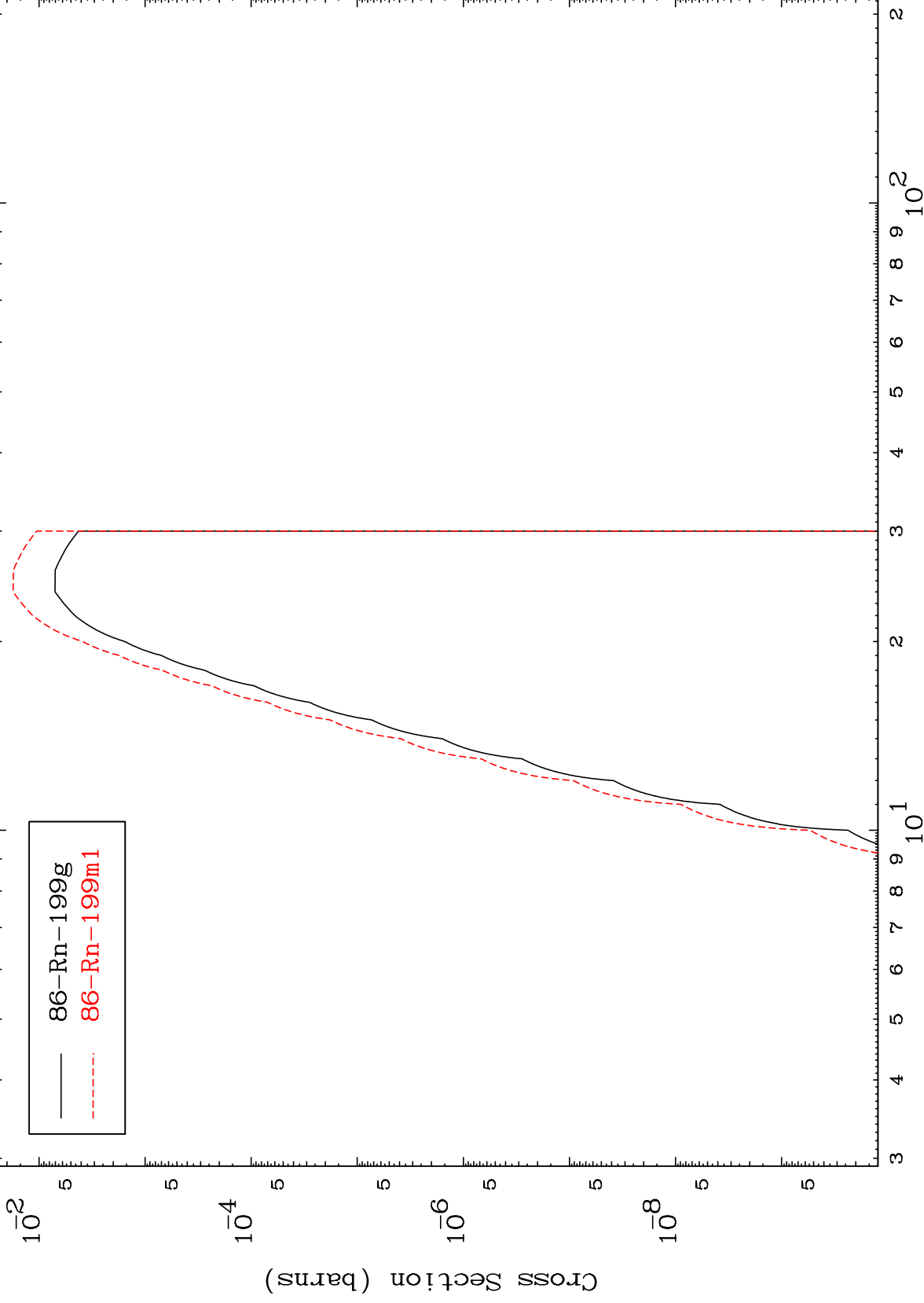
85-At-198m



MAT 8511

85-At-198m

(n,d)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

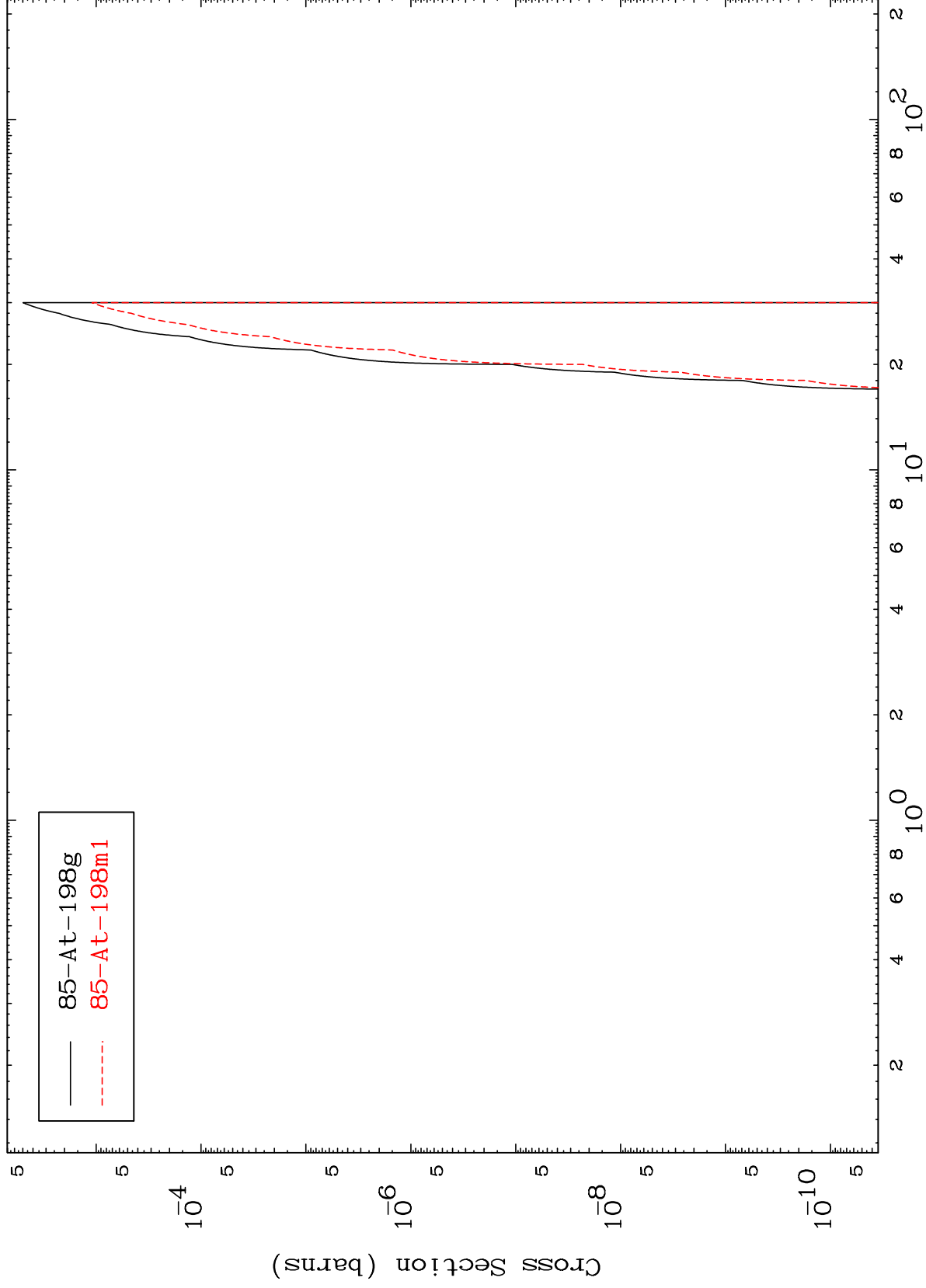
85-At-198m

MAT 8511

(n,He-3)

85-At-198m

Radionuclide Production Cross Section



20

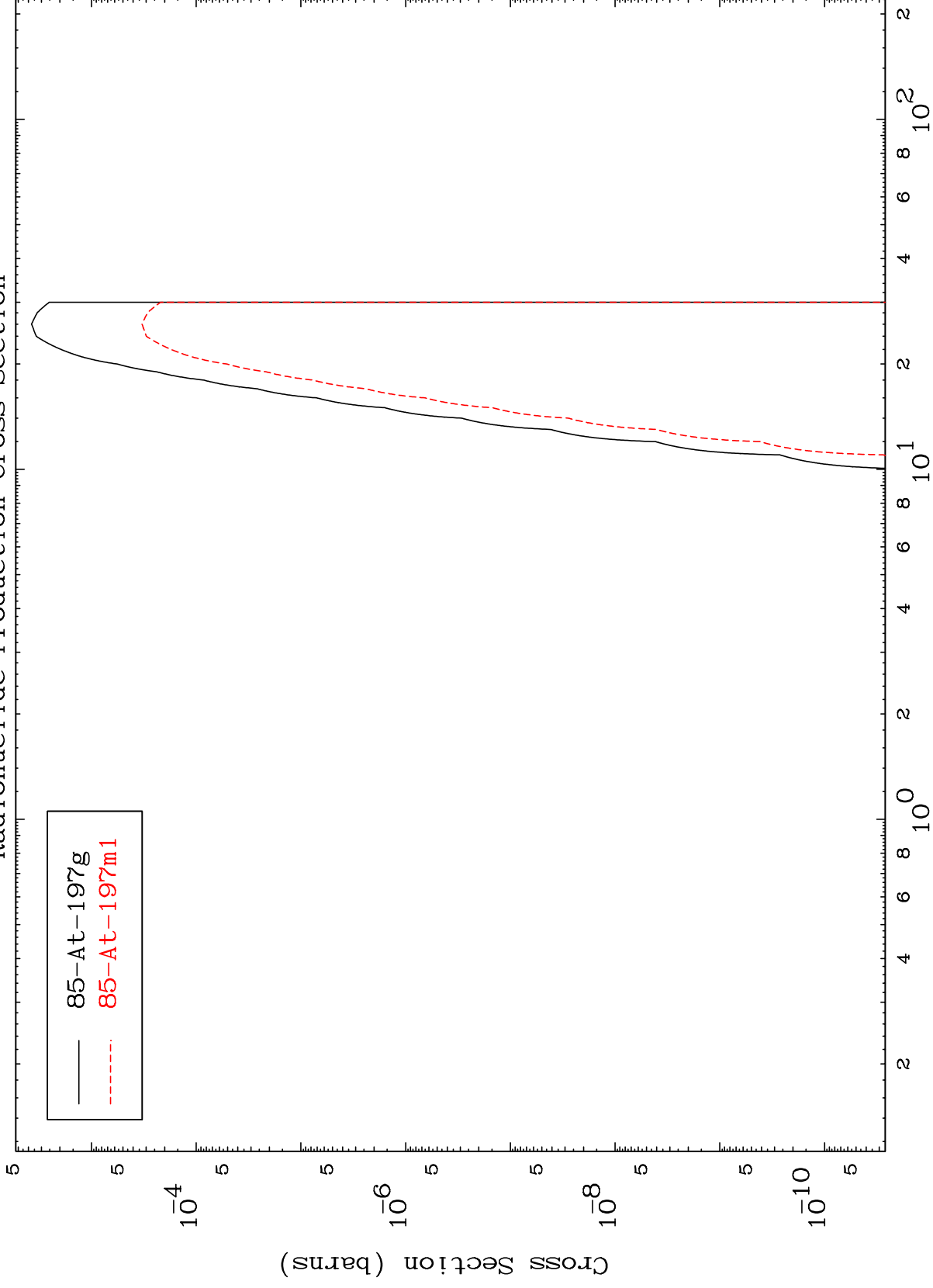
Incident Energy (MeV)

85-At-198m

MAT 8511

85-At-198m

Radionuclide Production Cross Section

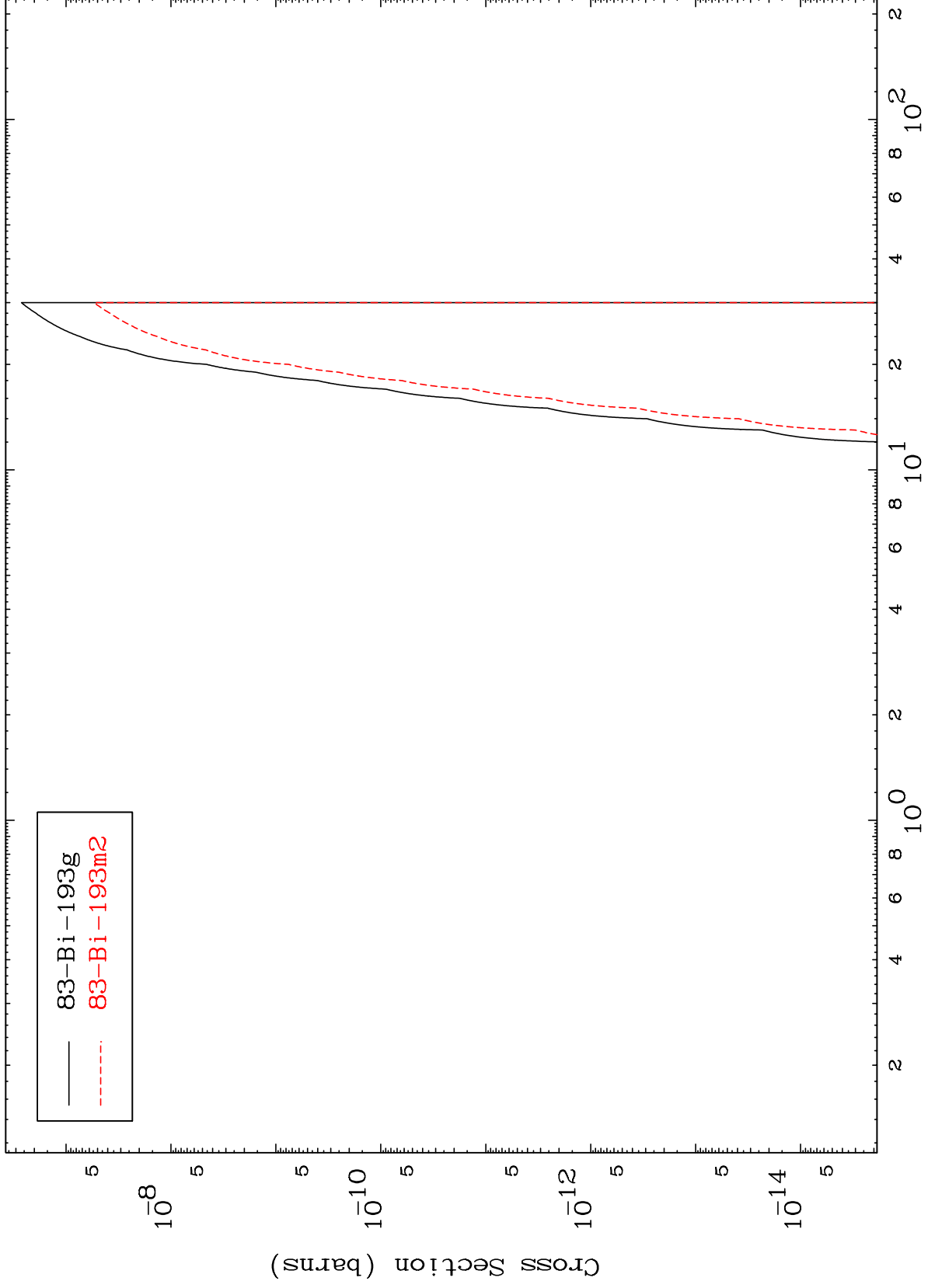
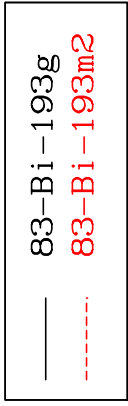


MAT 8511

(n,2α)

85-At-198m

Radionuclide Production Cross Section

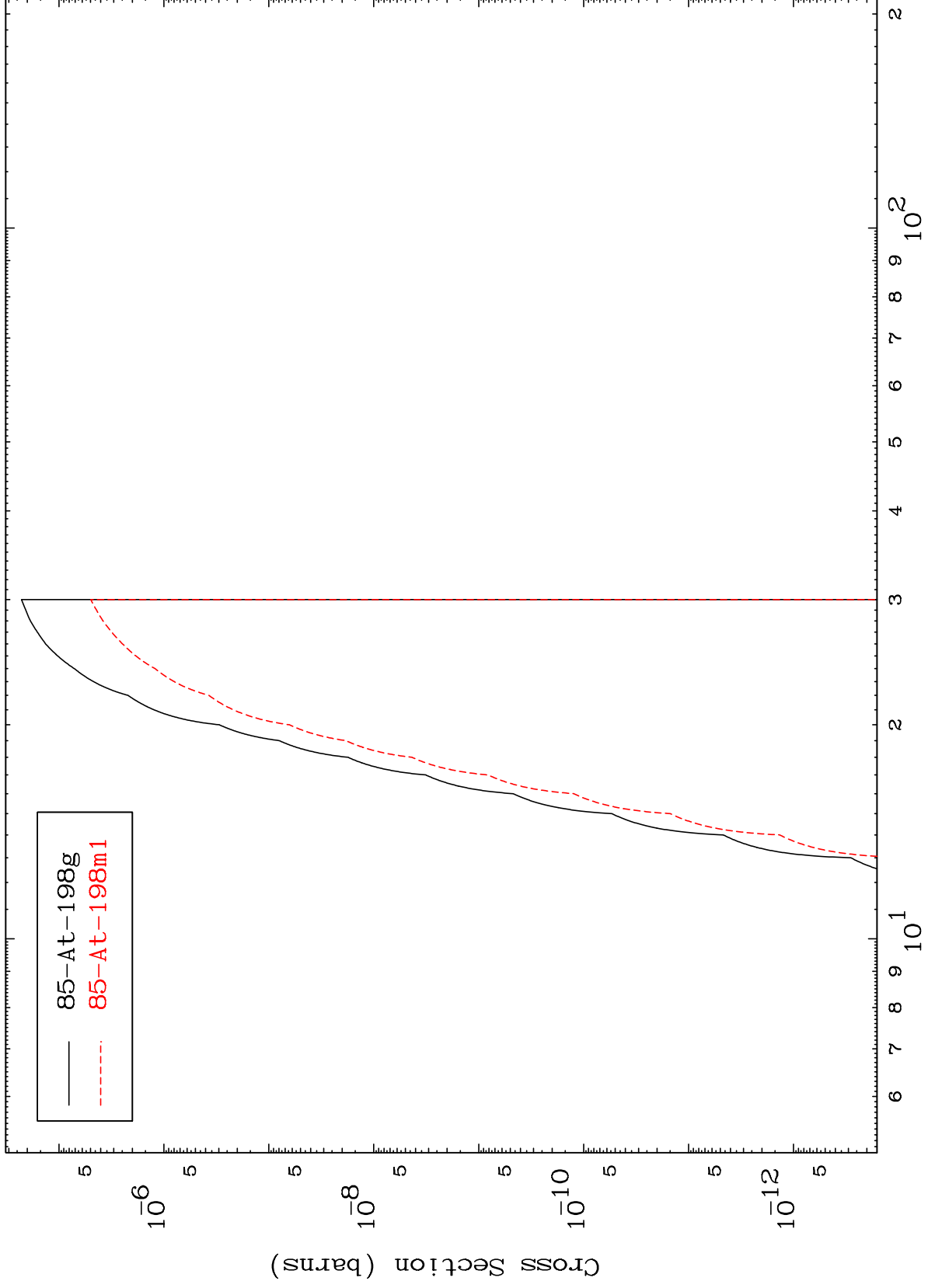


MAT 8511

(n,p) d

85-At-198m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

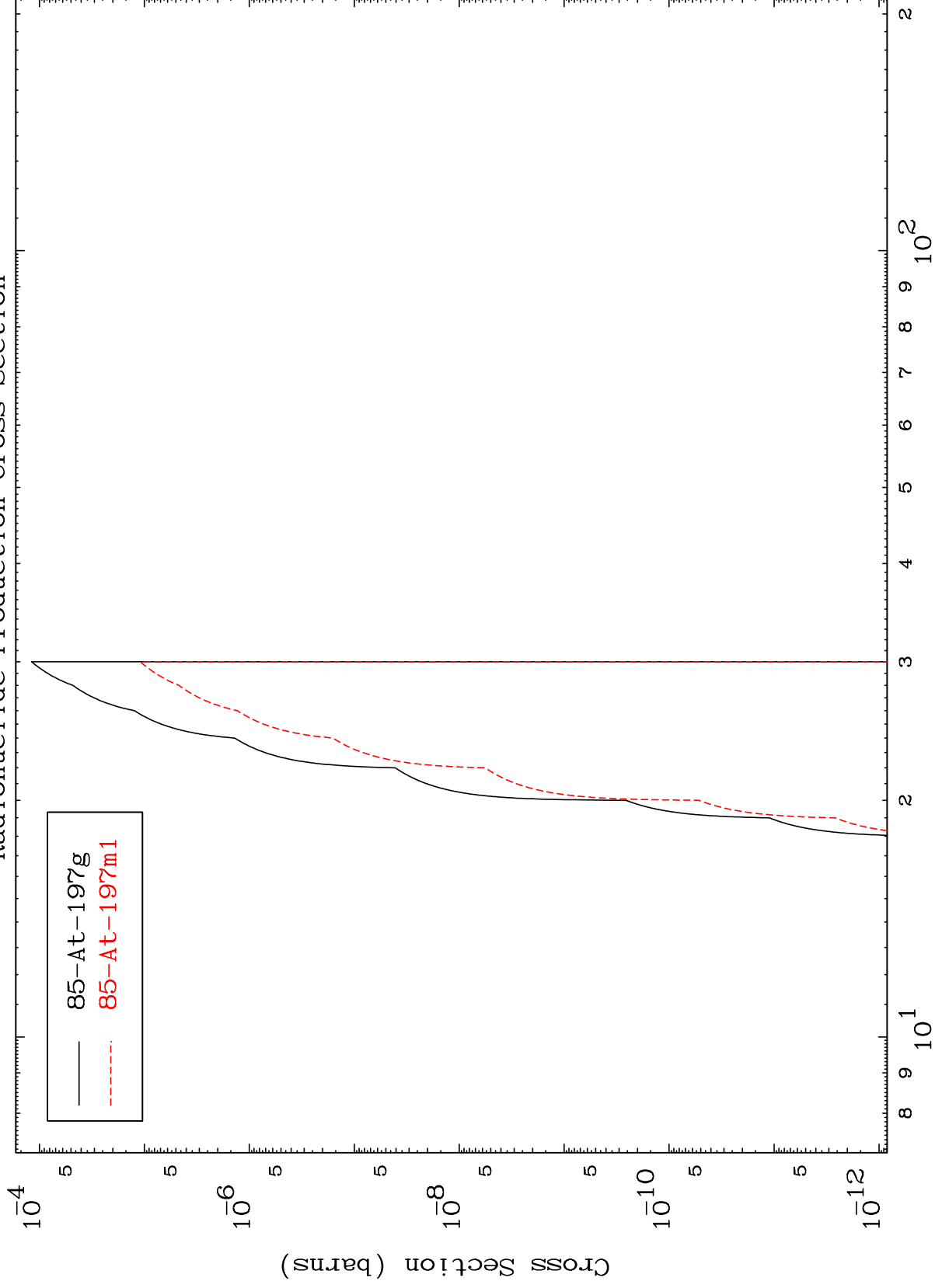
85-At-198m

MAT 8511

(n,p) t

85-At-198m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

85-At-198m

MAT 8511

(n,d) α

85-At-198m

