

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

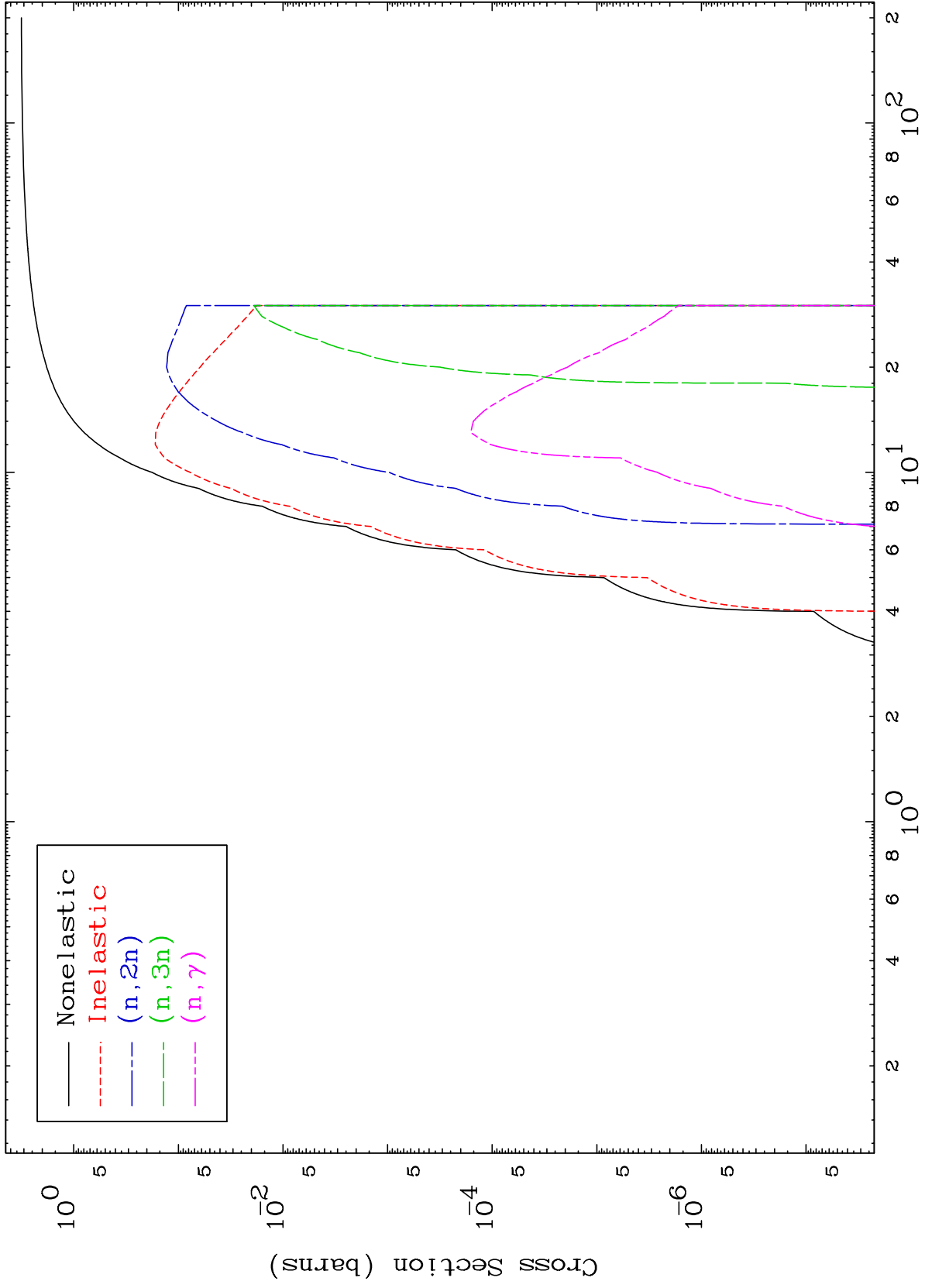
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8523

Deuteron Major
0 Kelvin Cross Sections

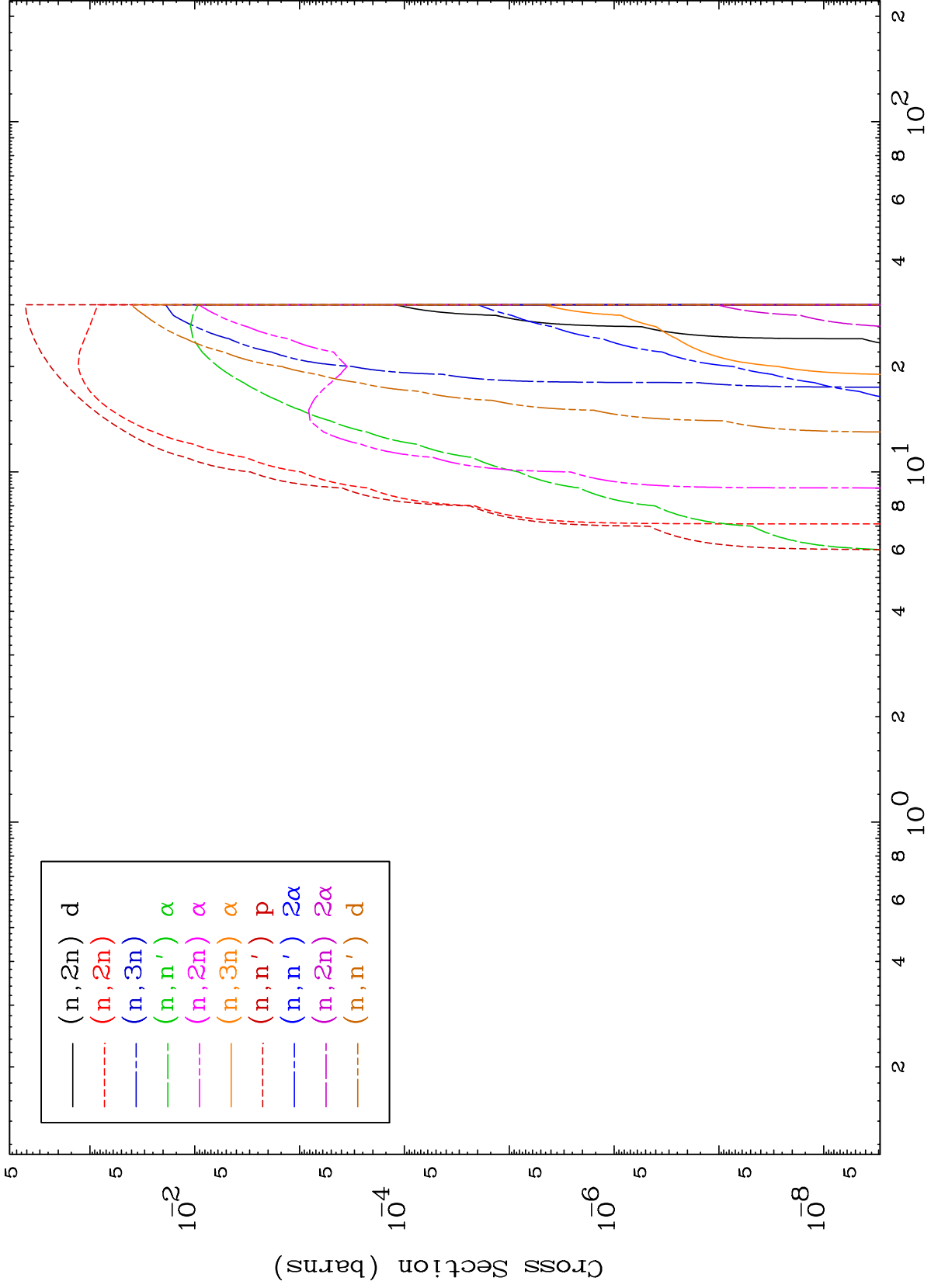
85-At-202m

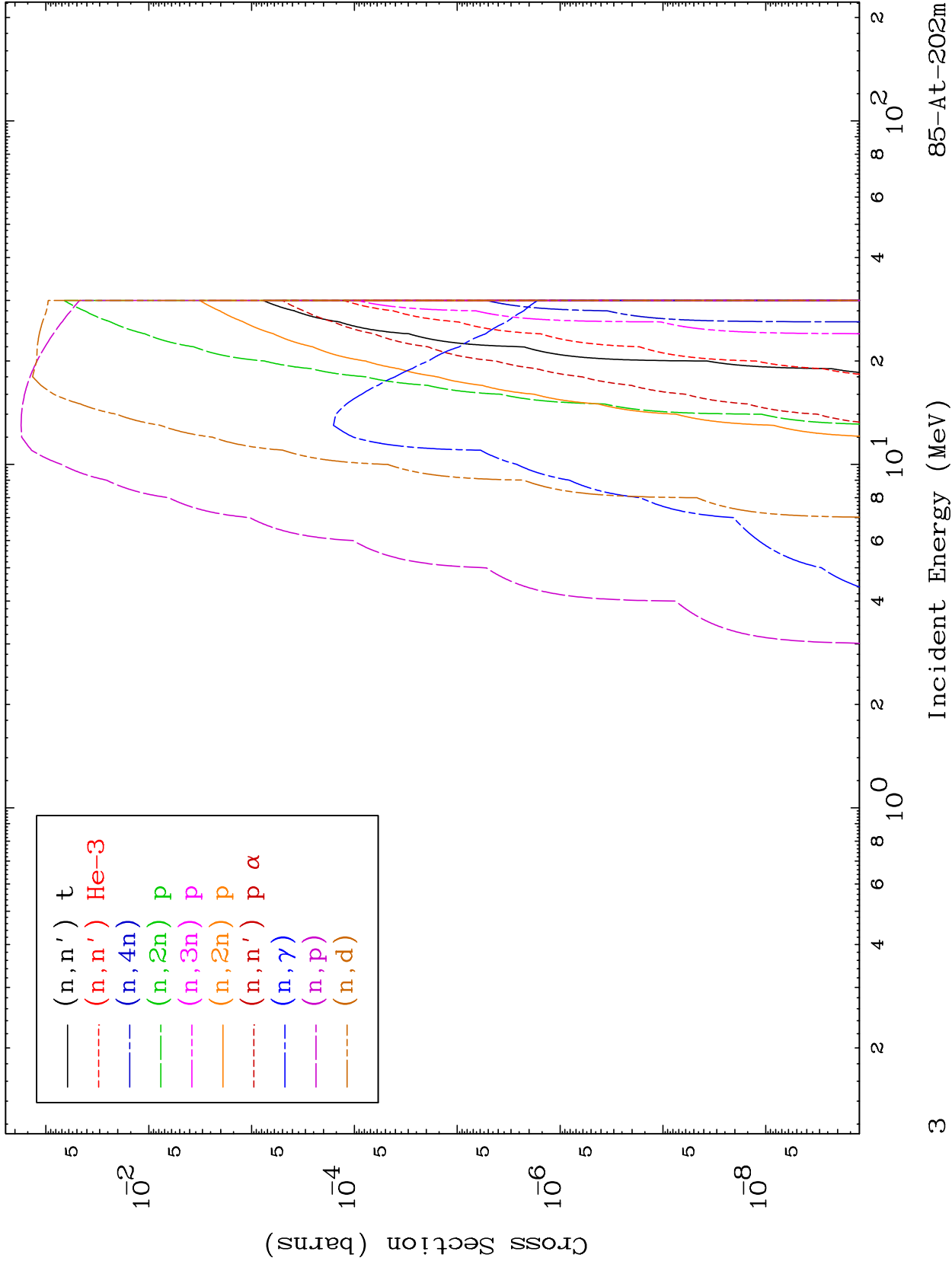


MAT 8523

Deuteron Neutron Absorption
0 Kelvin Cross Sections

85-At-202m

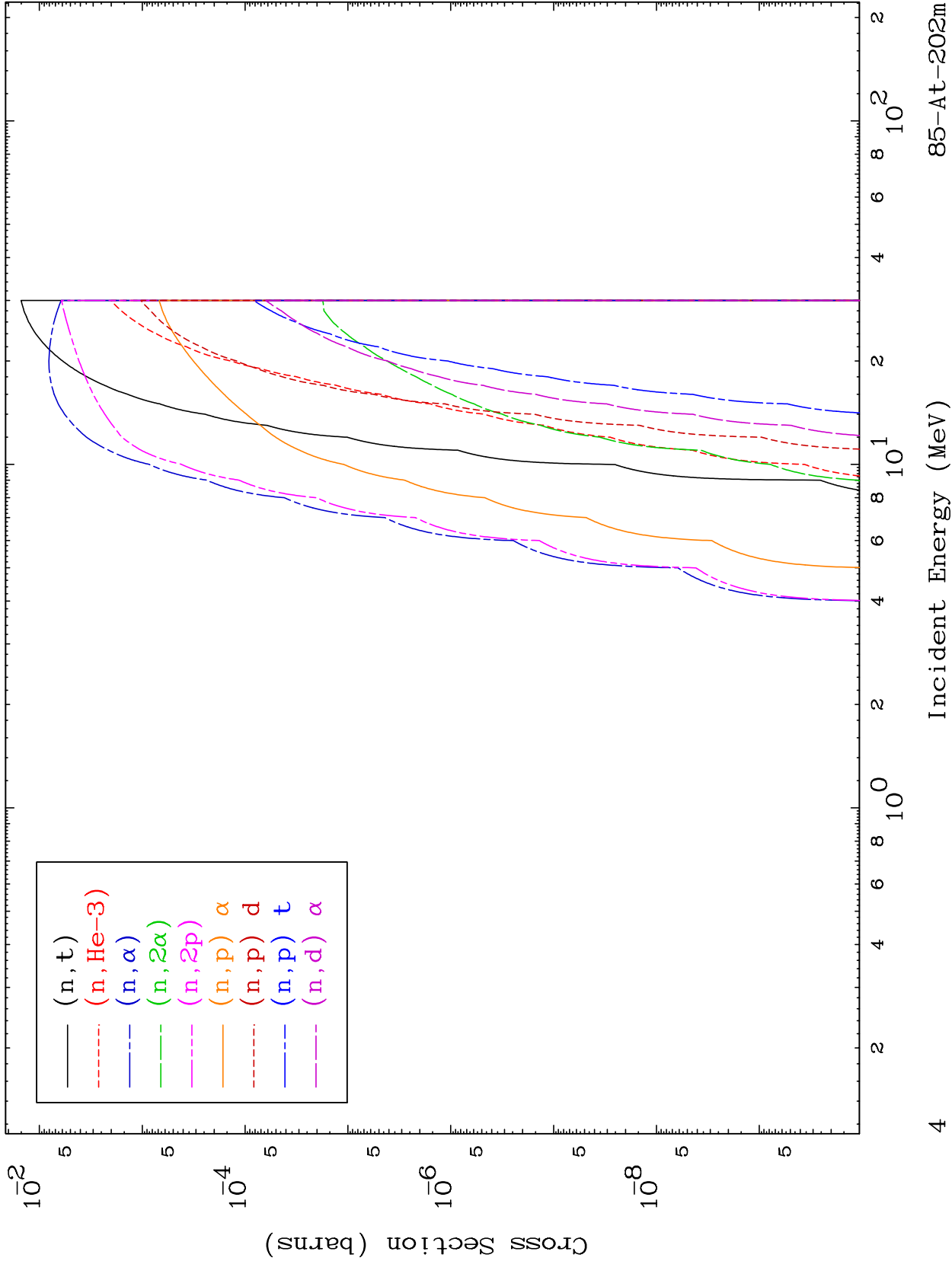




MAT 8523

Deuteron Neutron Absorption
0 Kelvin Cross Sections

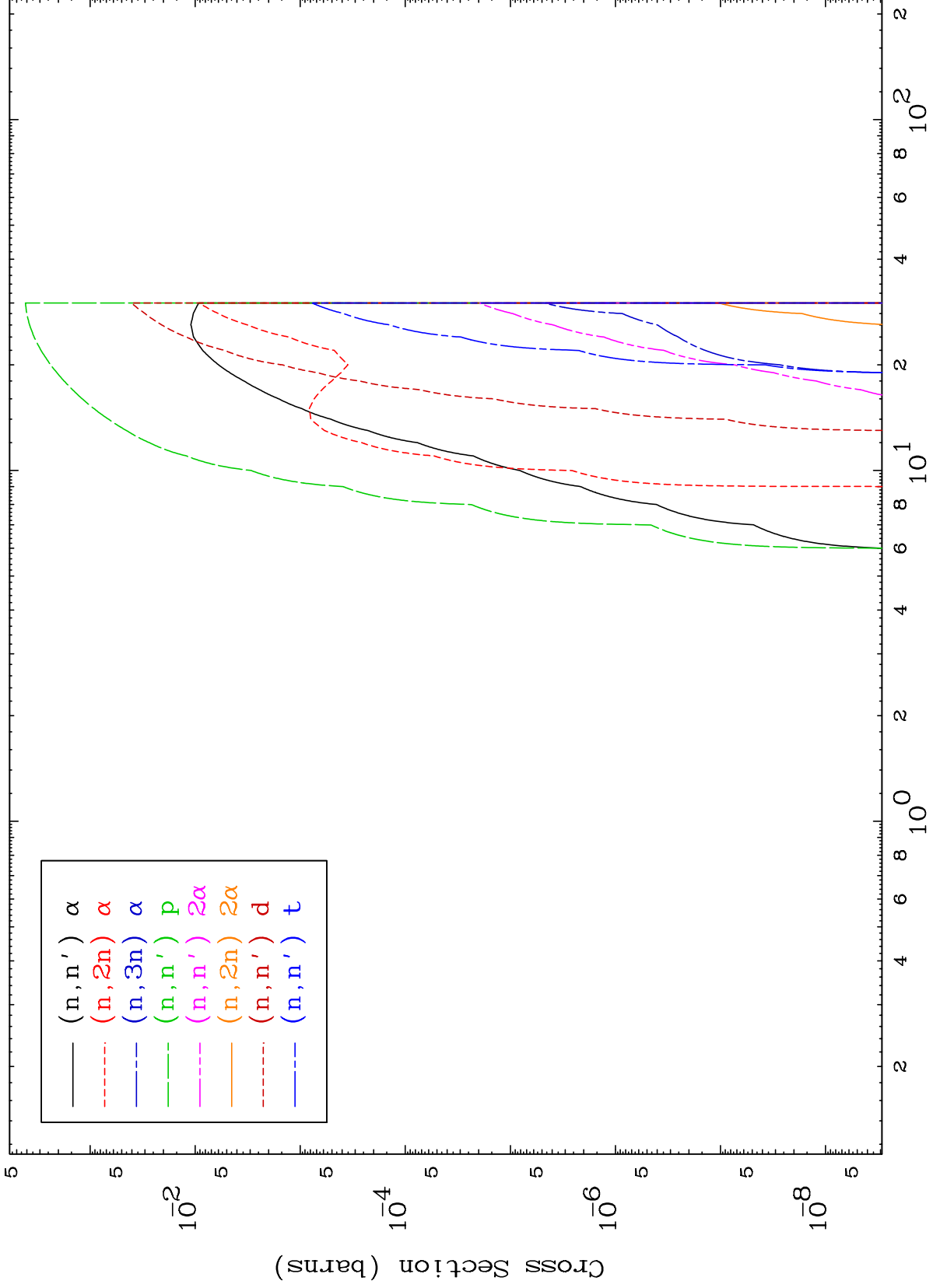
85-At-202m



MAT 8523

Deuteron Charged Particle
0 Kelvin Cross Sections

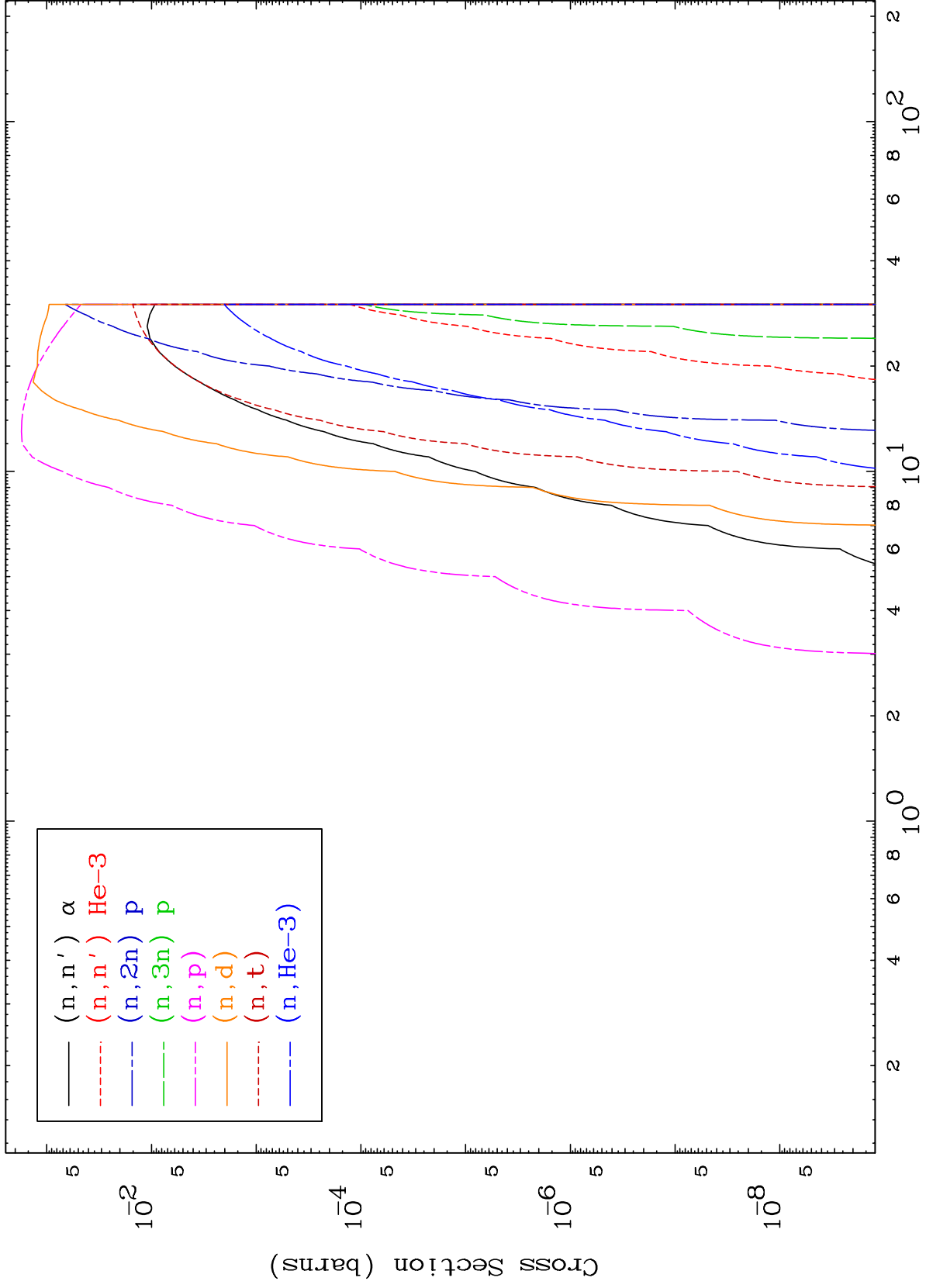
85-At-202m



5

Incident Energy (MeV)

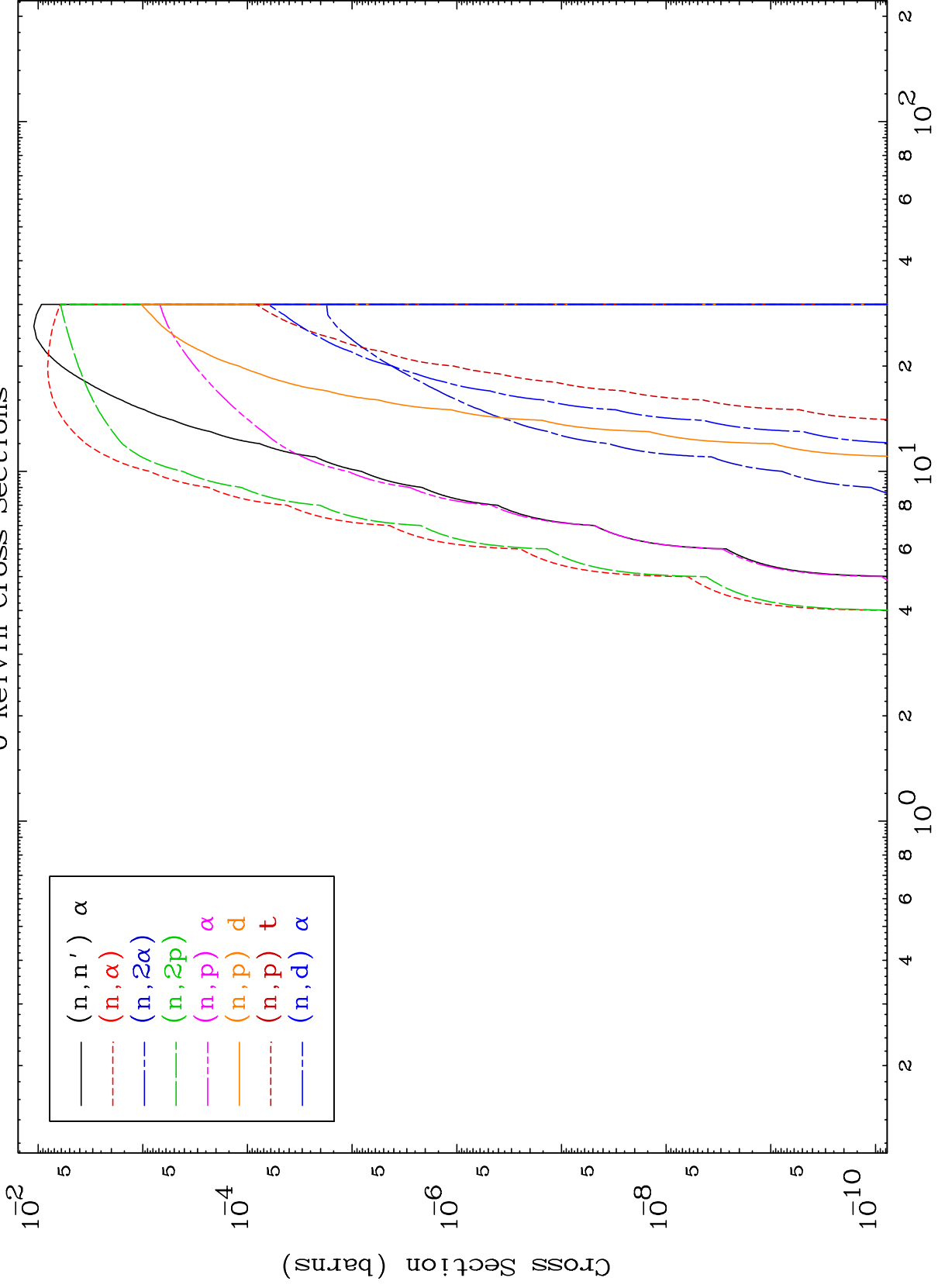
85-At-202m



MAT 8523

Deuteron Charged Particle
0 Kelvin Cross Sections

85-At-202m

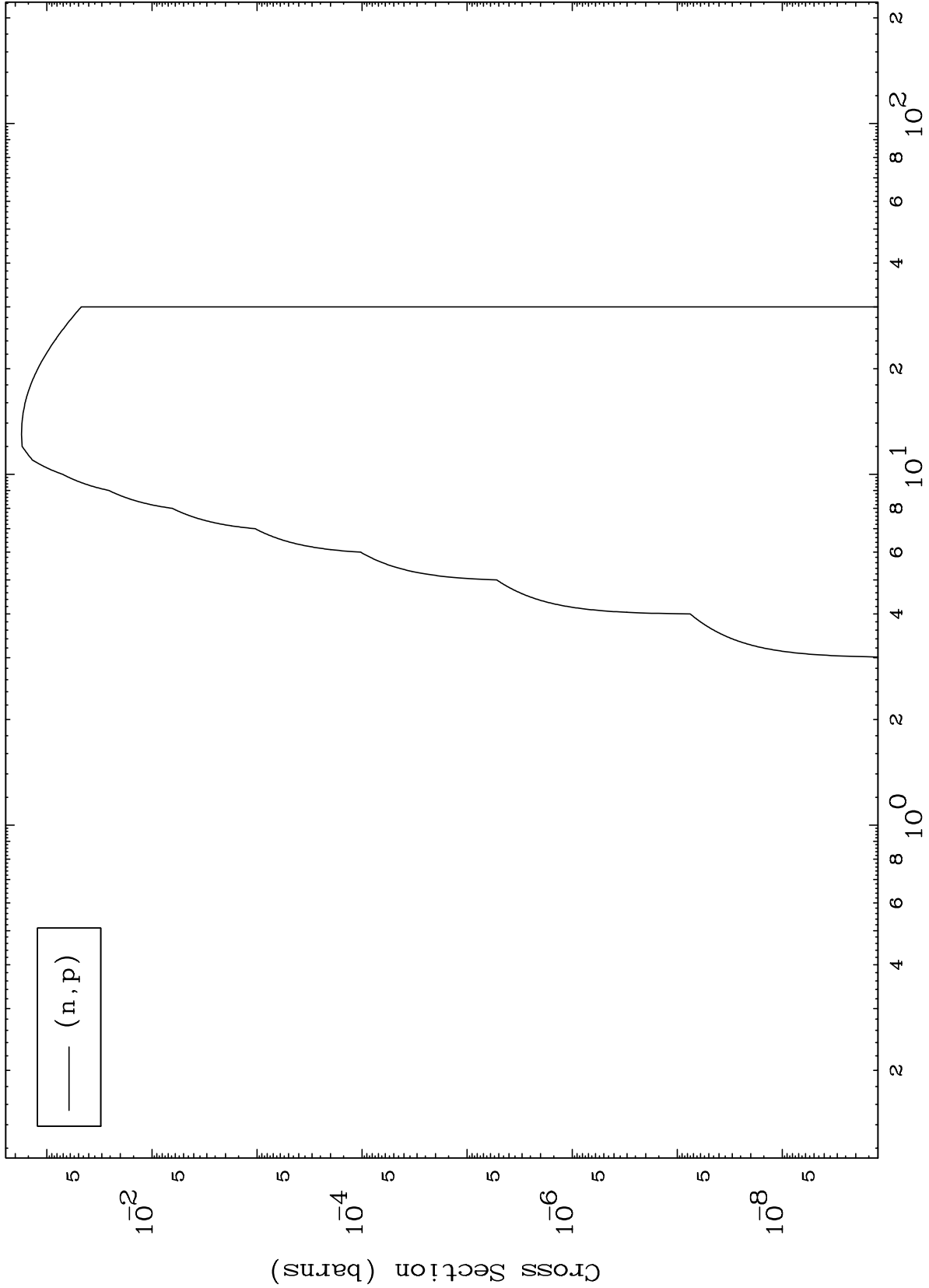


MAT 8523

(d,p) Levels

85-At-202m

0 Kelvin Cross Sections

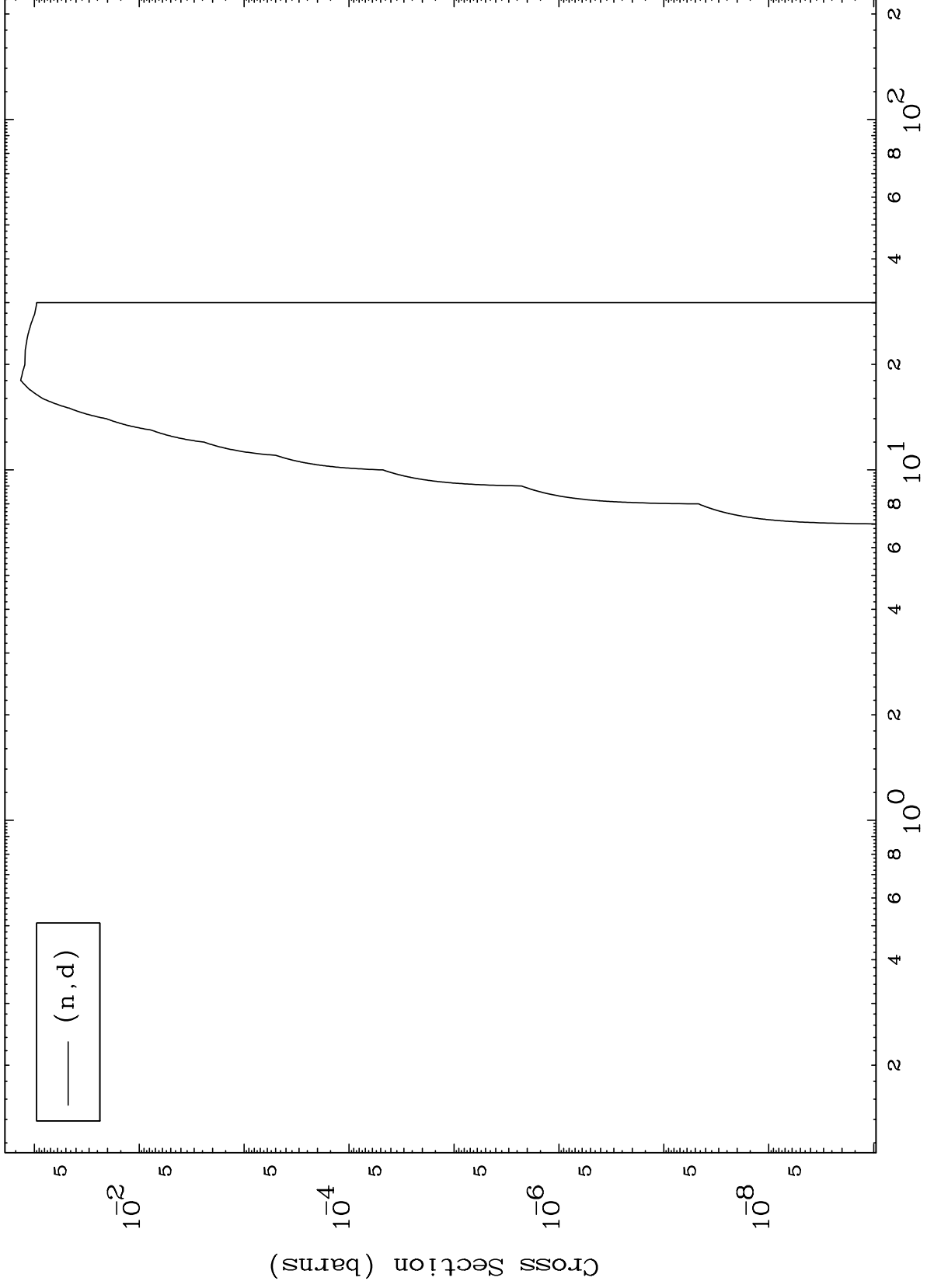


MAT 8523

(d,d) Levels

85-At-202m

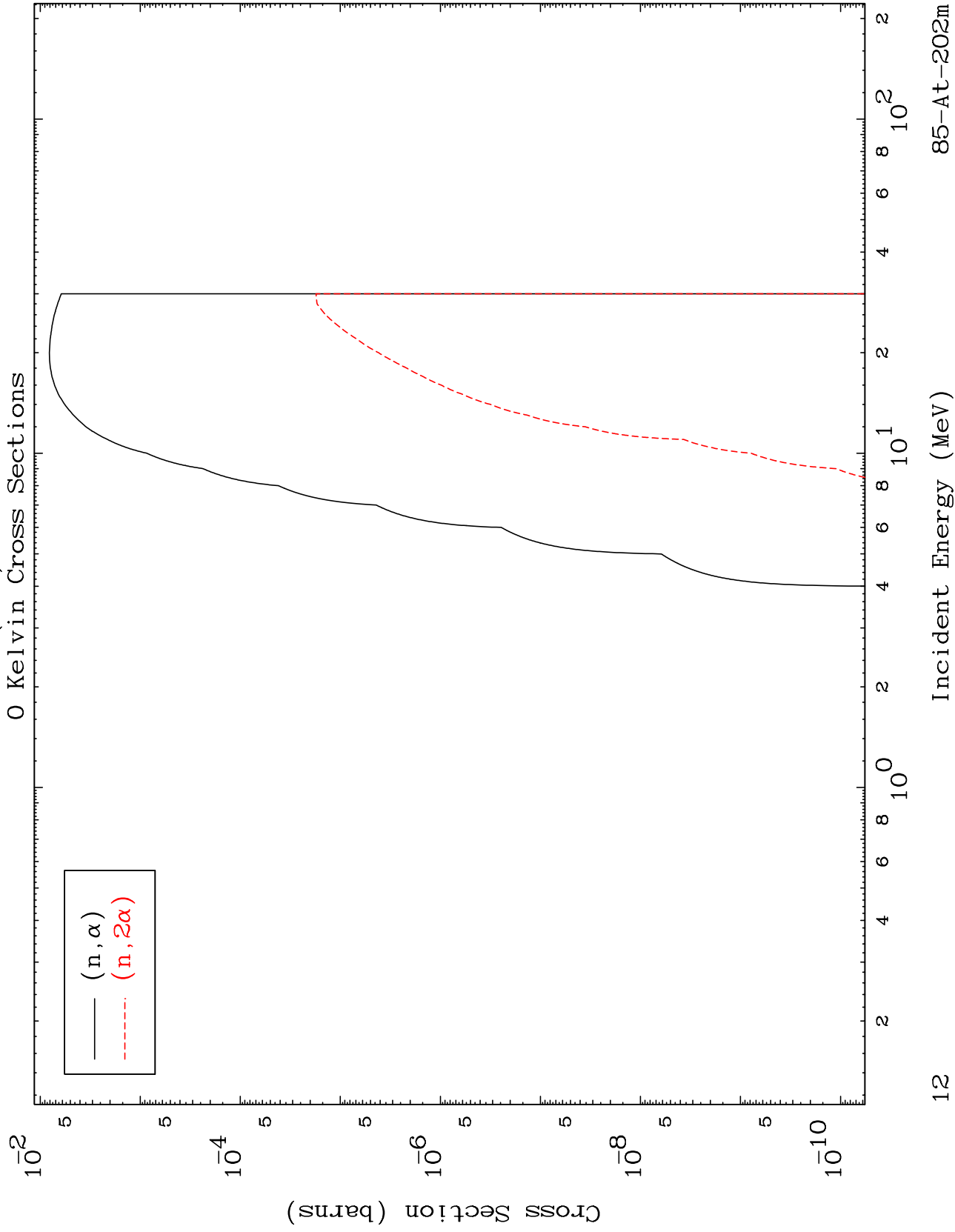
0 Kelvin Cross Sections



MAT 8523

(d, α) Levels

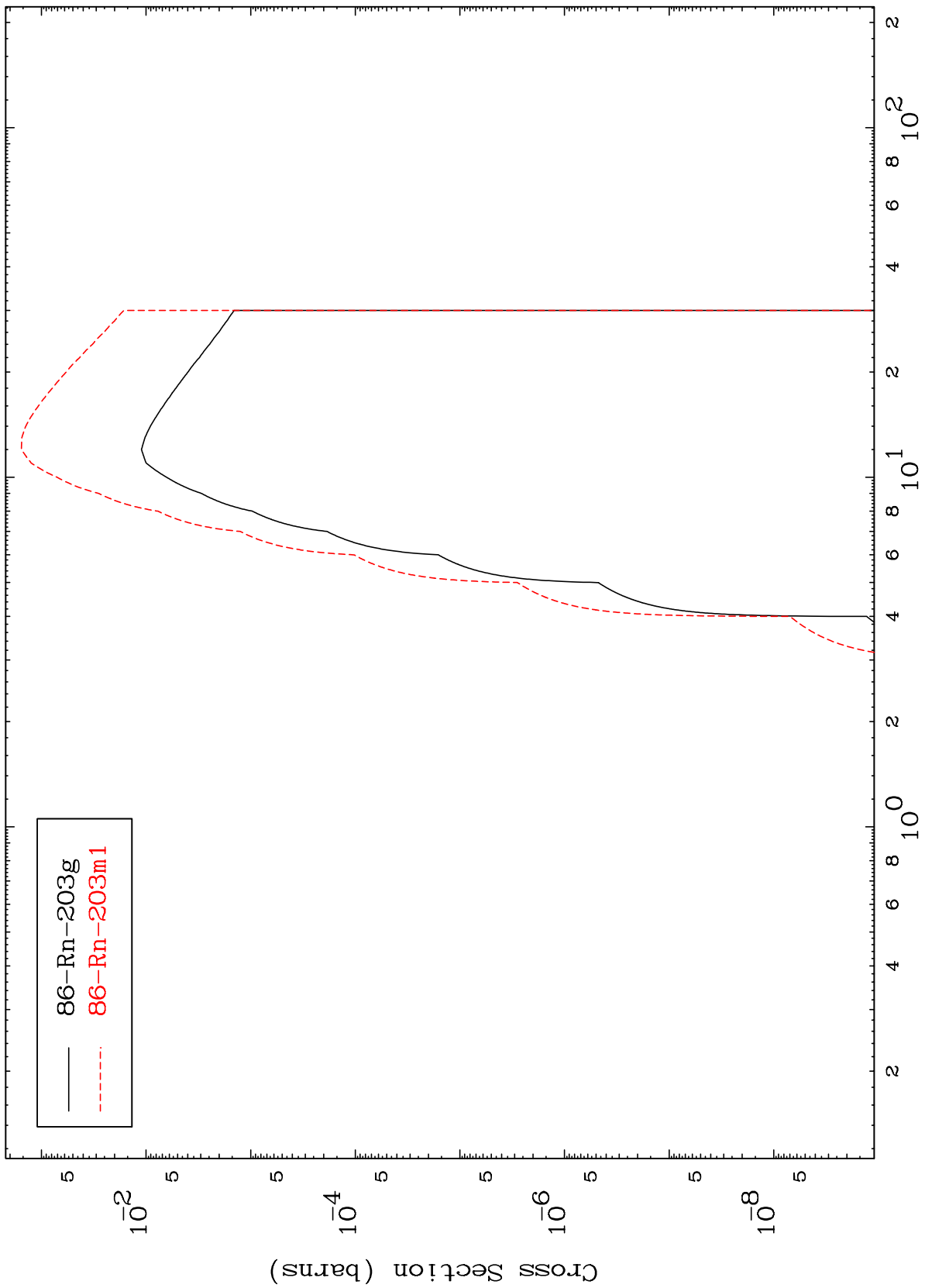
85-At-202m



MAT 8523

85-At-202m

Inelastic
Radionuclide Production Cross Section



85-At-202m

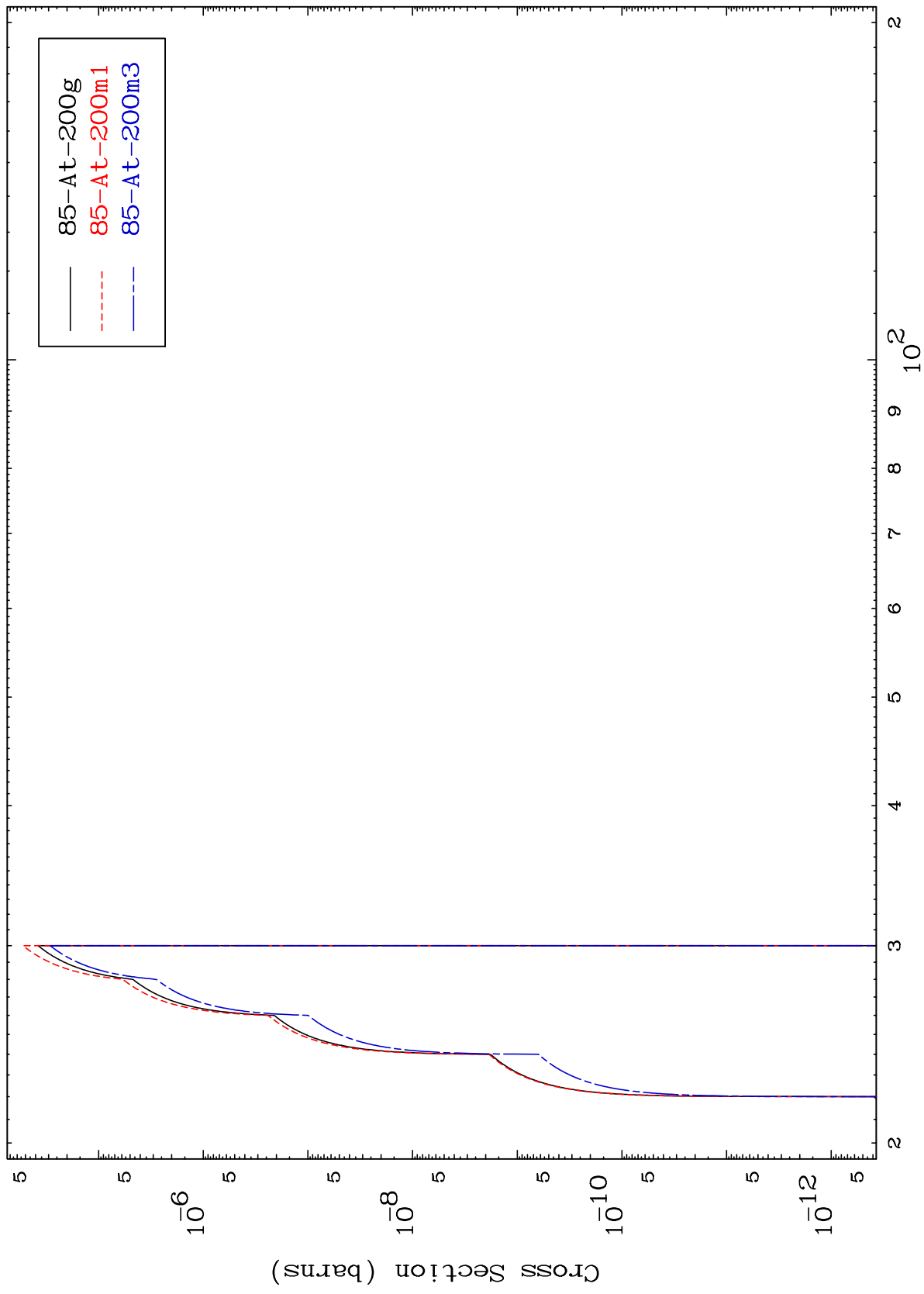
Incident Energy (MeV)

MAT 8523

(n,2n) d

85-At-202m

Radionuclide Production Cross Section



14

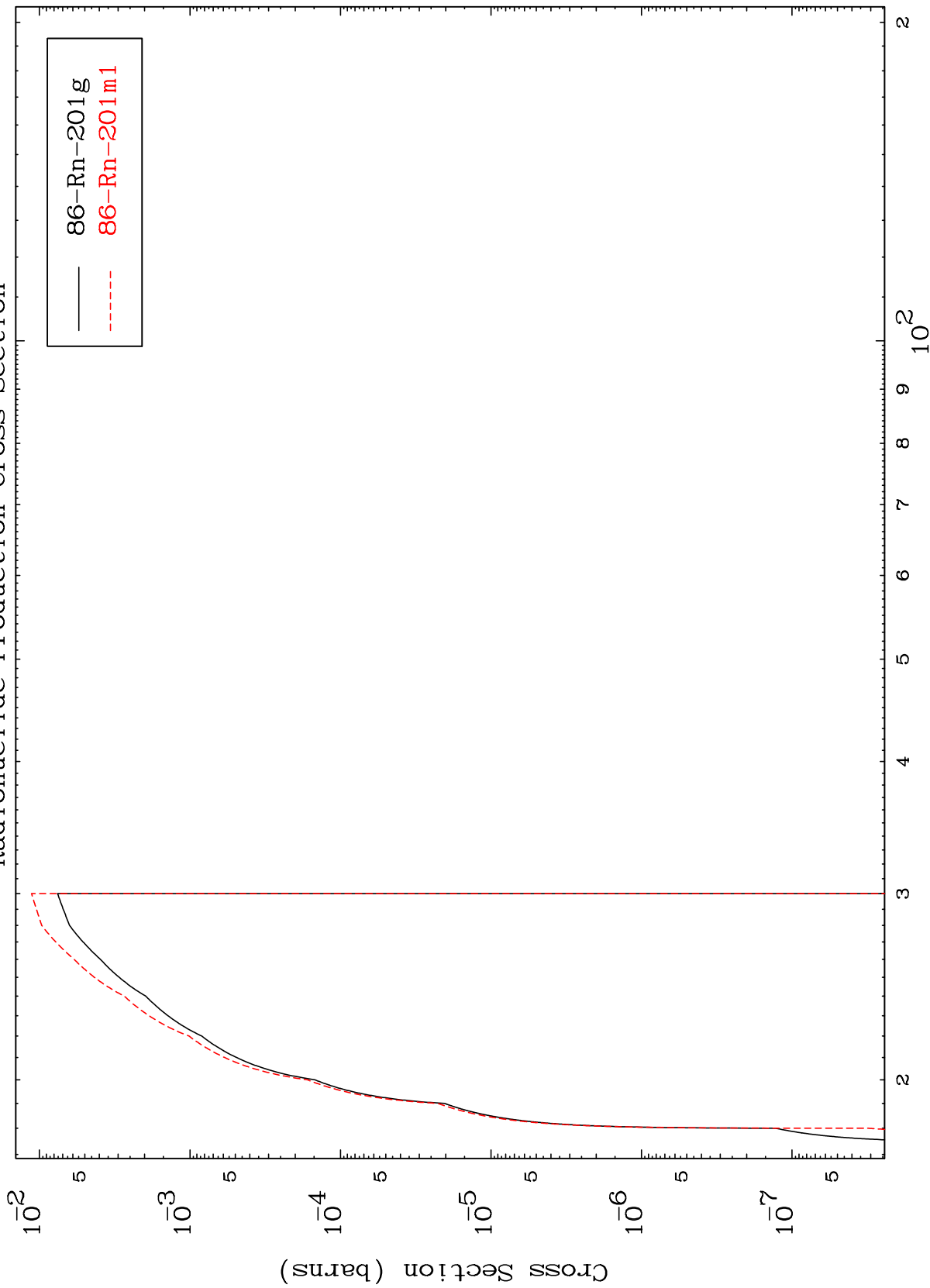
Incident Energy (MeV)

85-At-202m

MAT 8523

85-At-202m

(n,3n)
Radionuclide Production Cross Section



15

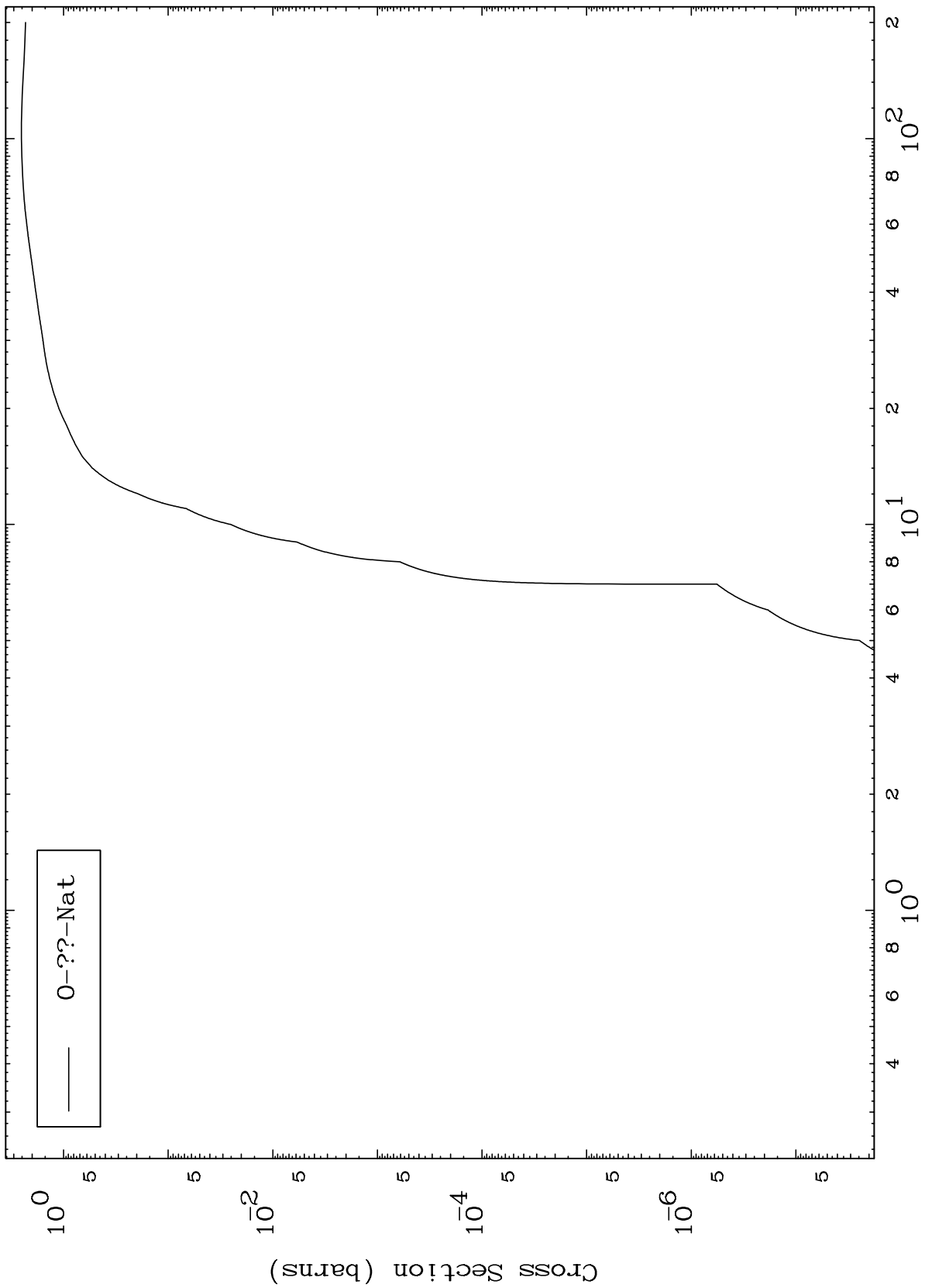
Incident Energy (MeV)

85-At-202m

MAT 8523

85-At-202m

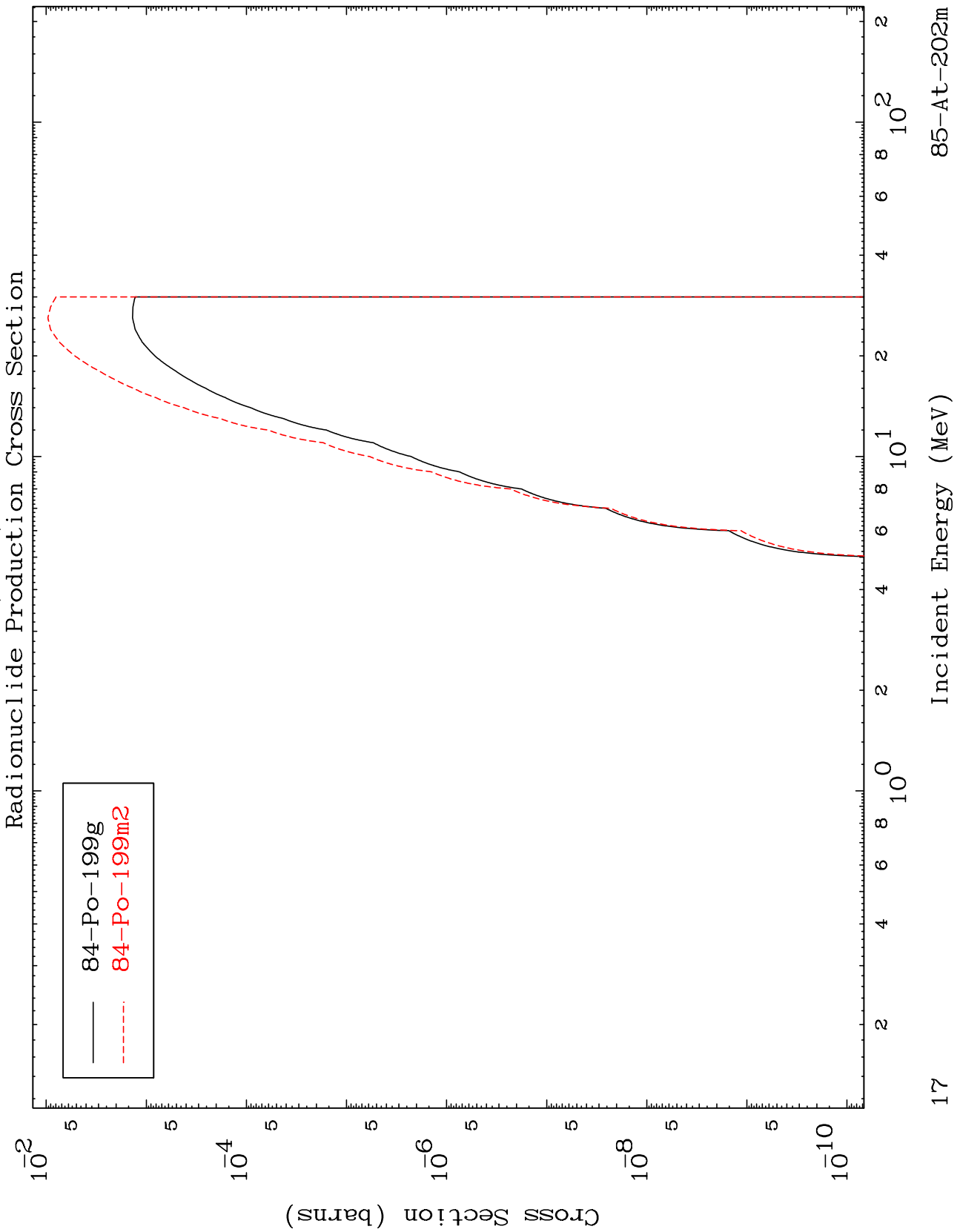
Fission
Radionuclide Production Cross Section



MAT 8523

(n,n') α

85-At-202m

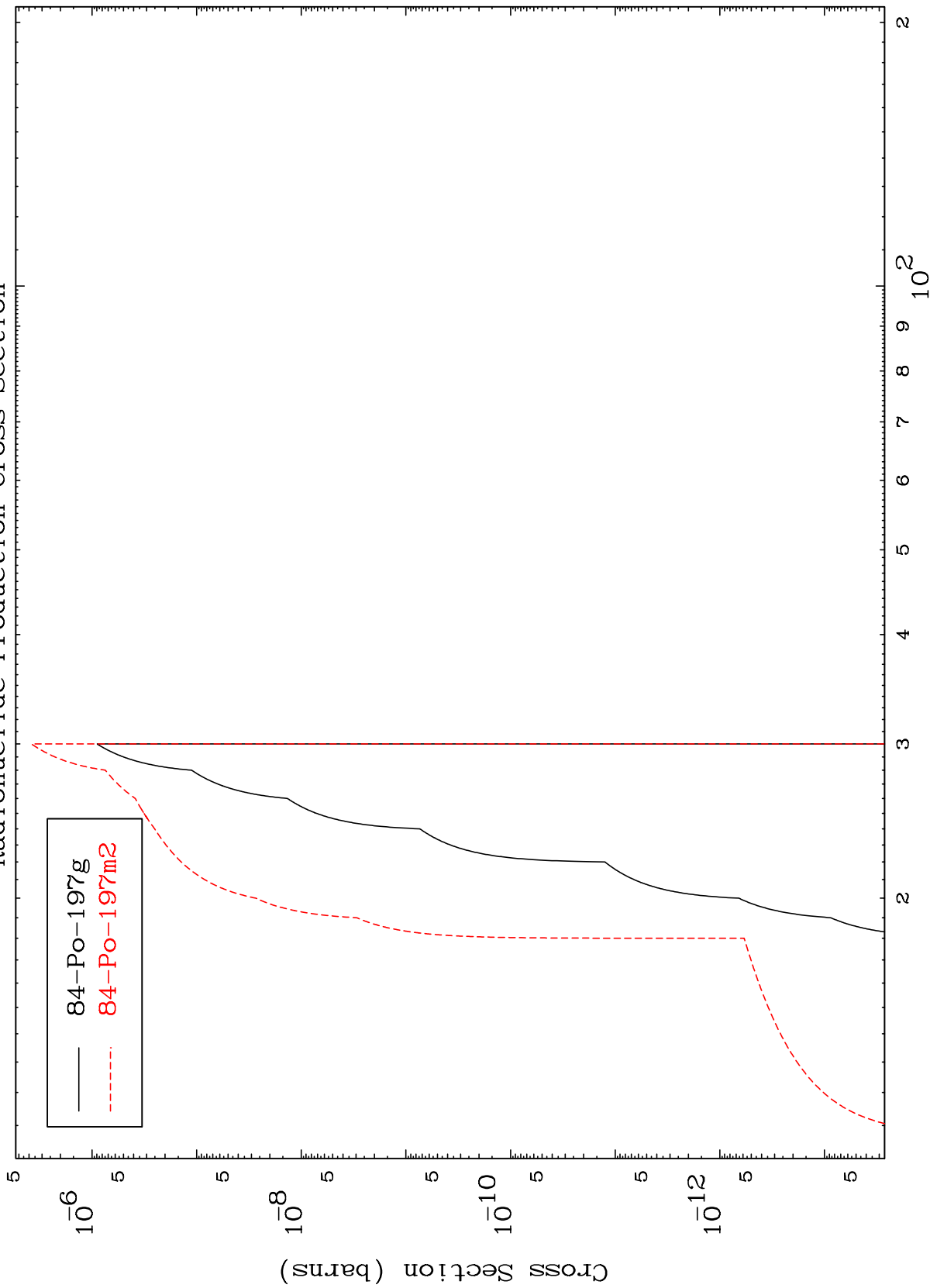


MAT 8523

(n,3n) α

85-At-202m

Radionuclide Production Cross Section



18

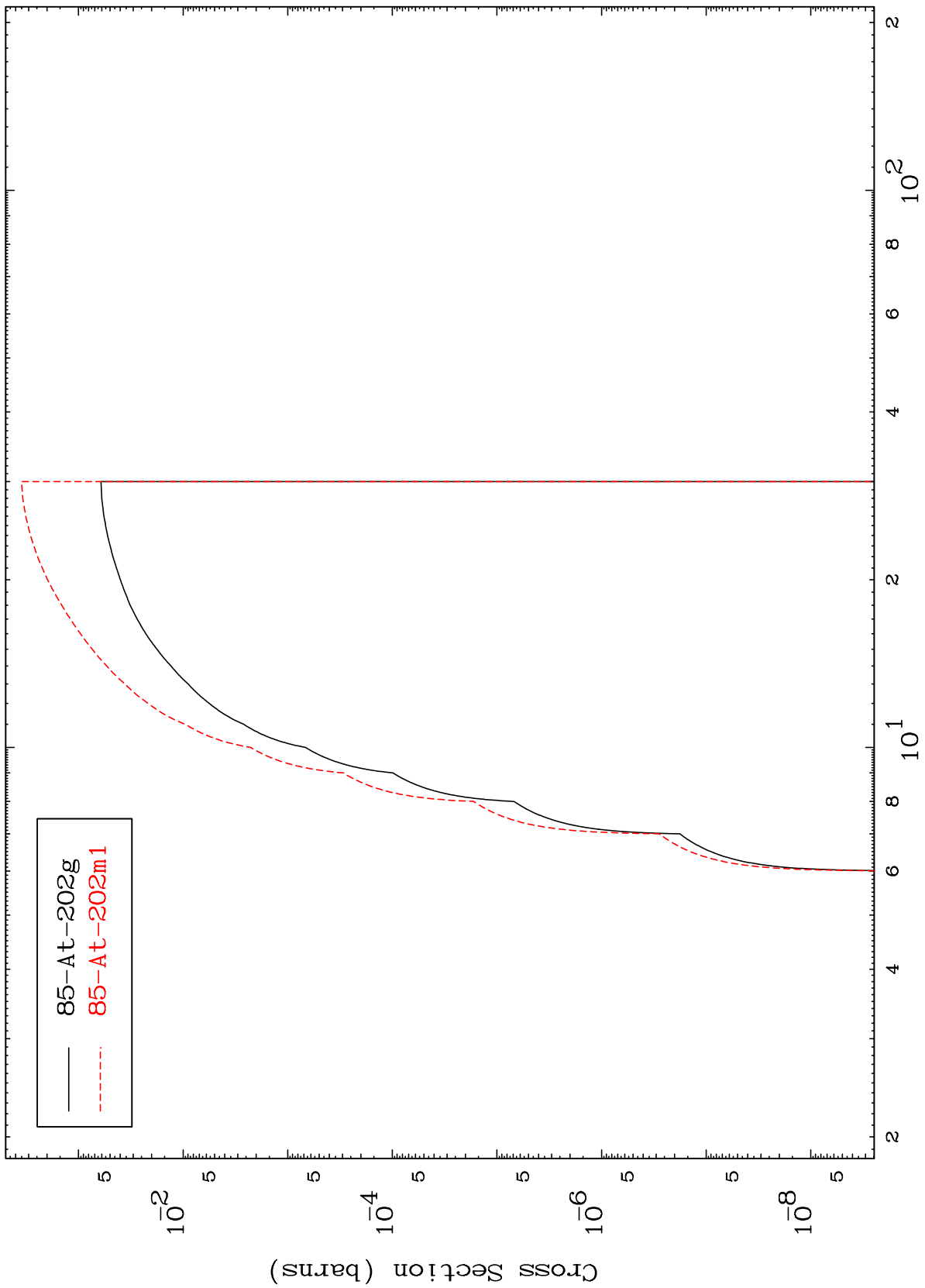
Incident Energy (MeV)

85-At-202m

MAT 8523

85-At-202m

(n,n') p
Radionuclide Production Cross Section



19

Incident Energy (MeV)

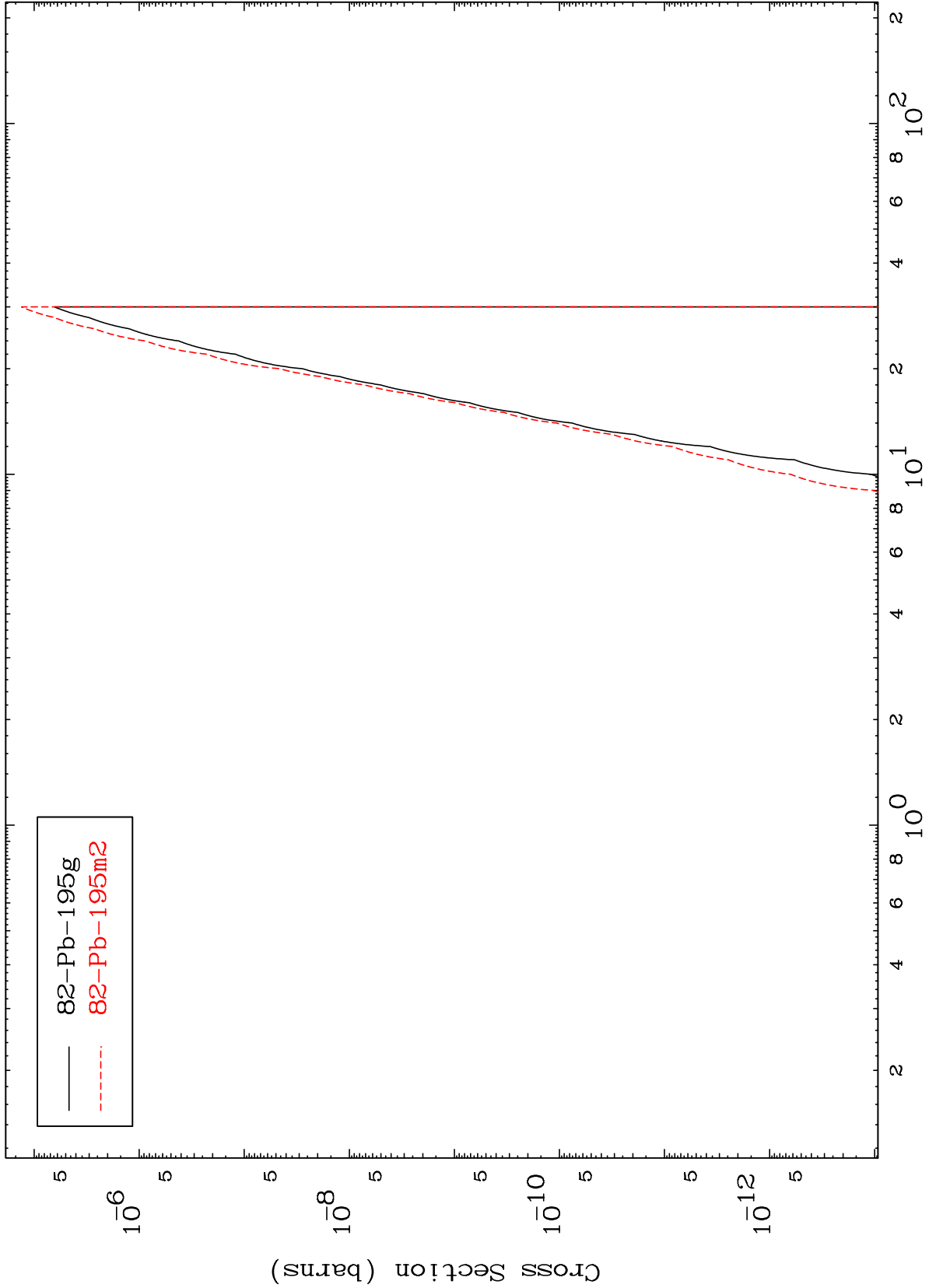
85-At-202m

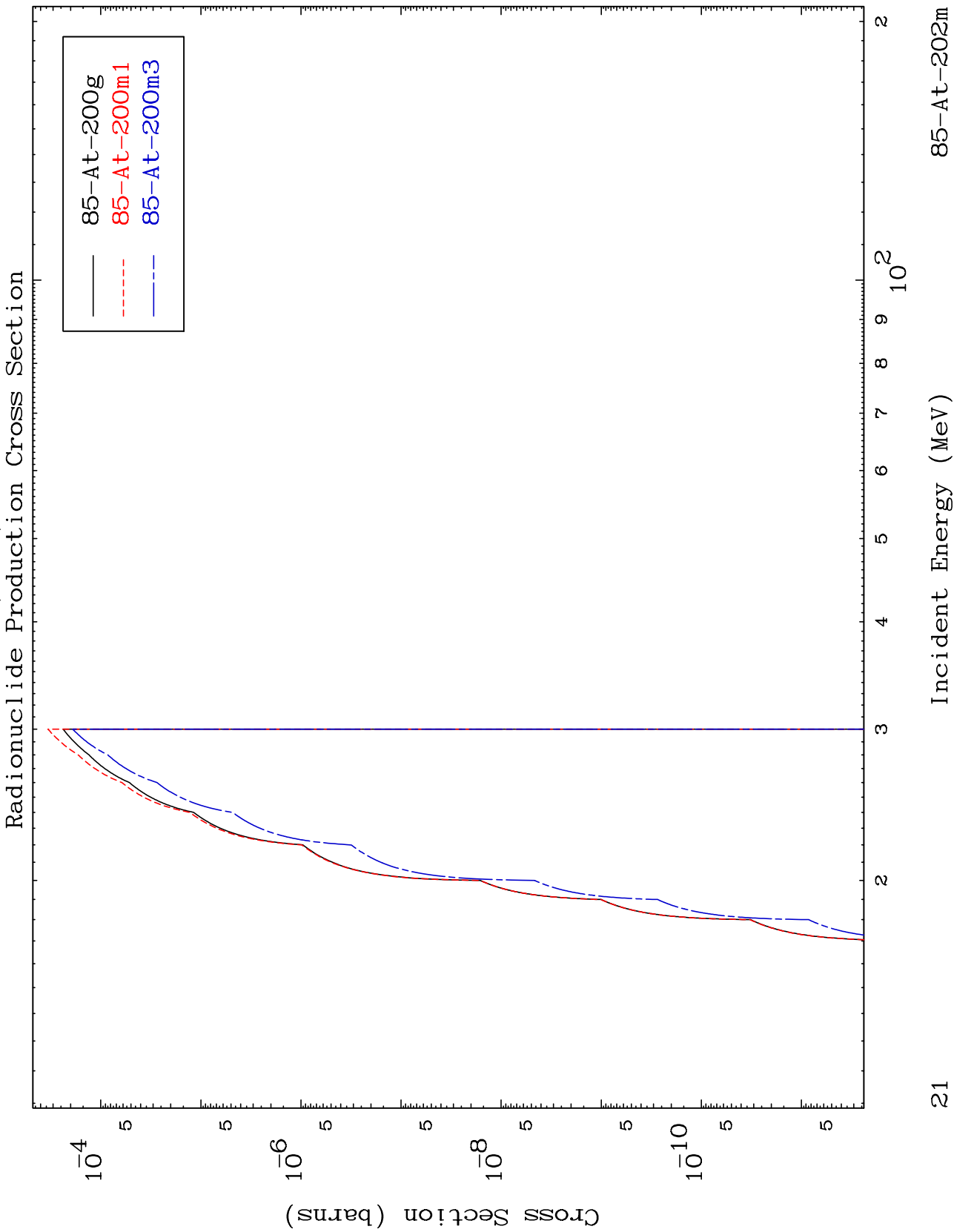
MAT 8523

(n,n') 2α

85-At-202m

Radionuclide Production Cross Section



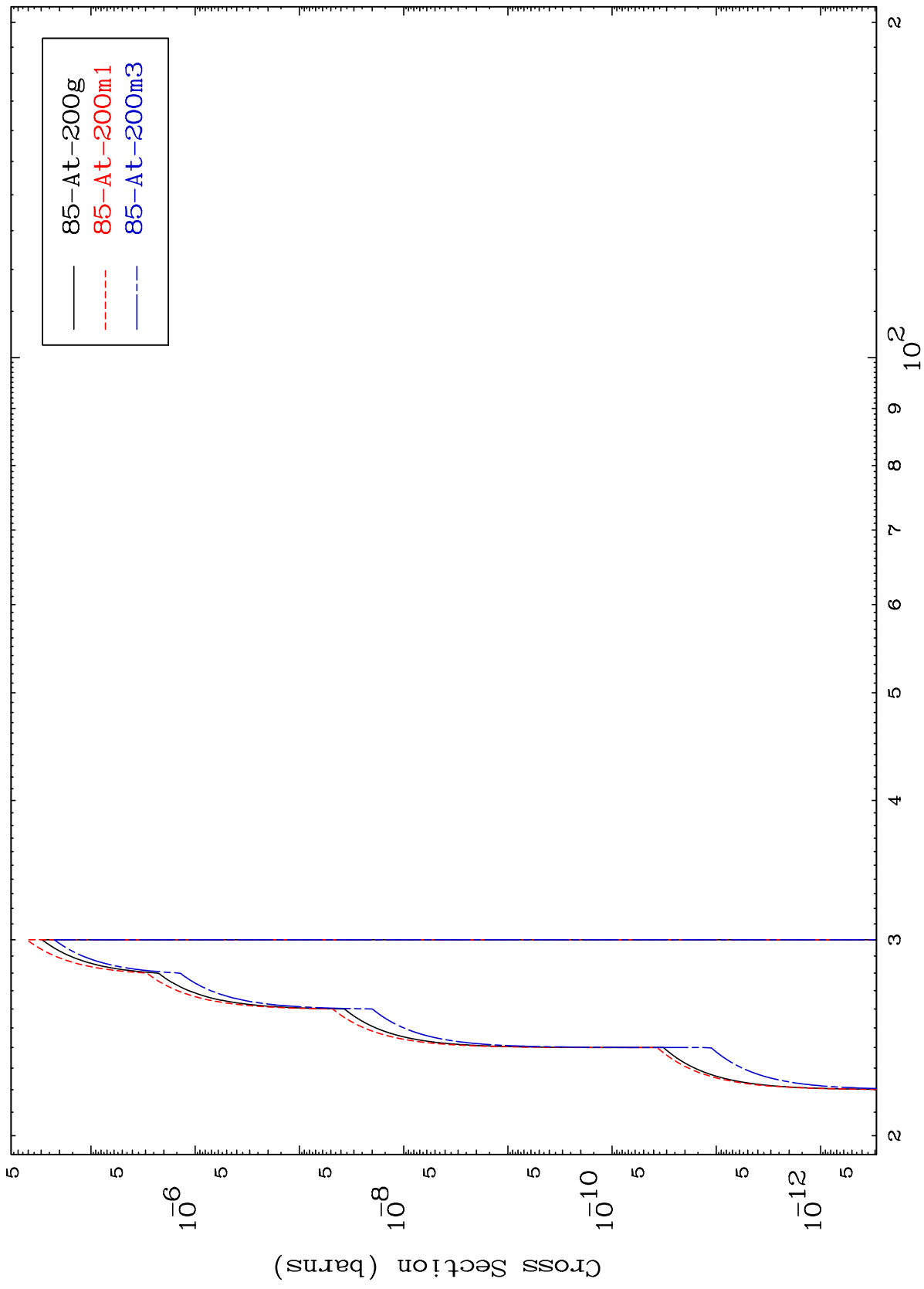


MAT 8523

(n,3n) p

85-At-202m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

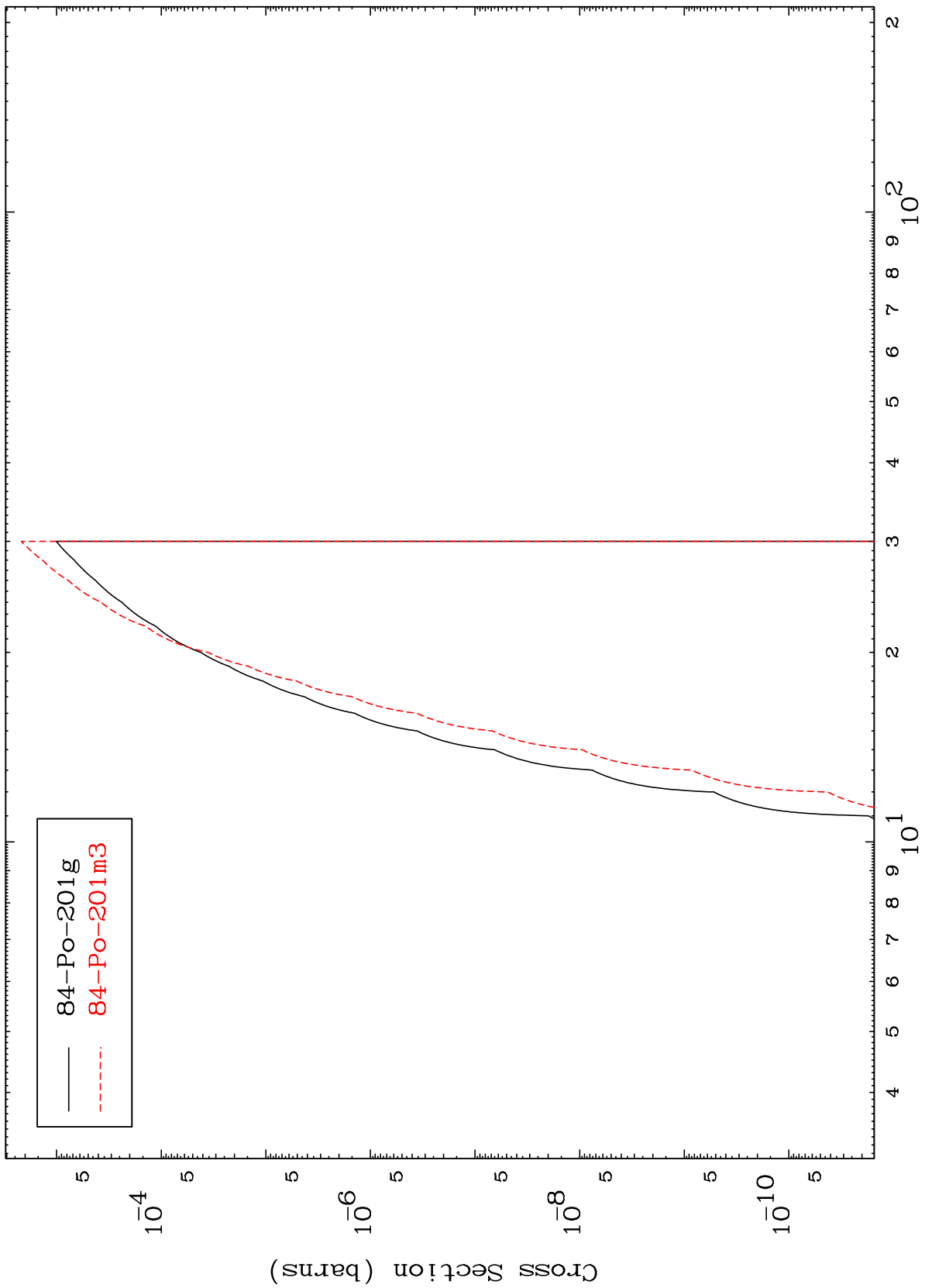
85-At-202m

MAT 8523

(n,2n) p

85-At-202m

Radionuclide Production Cross Section

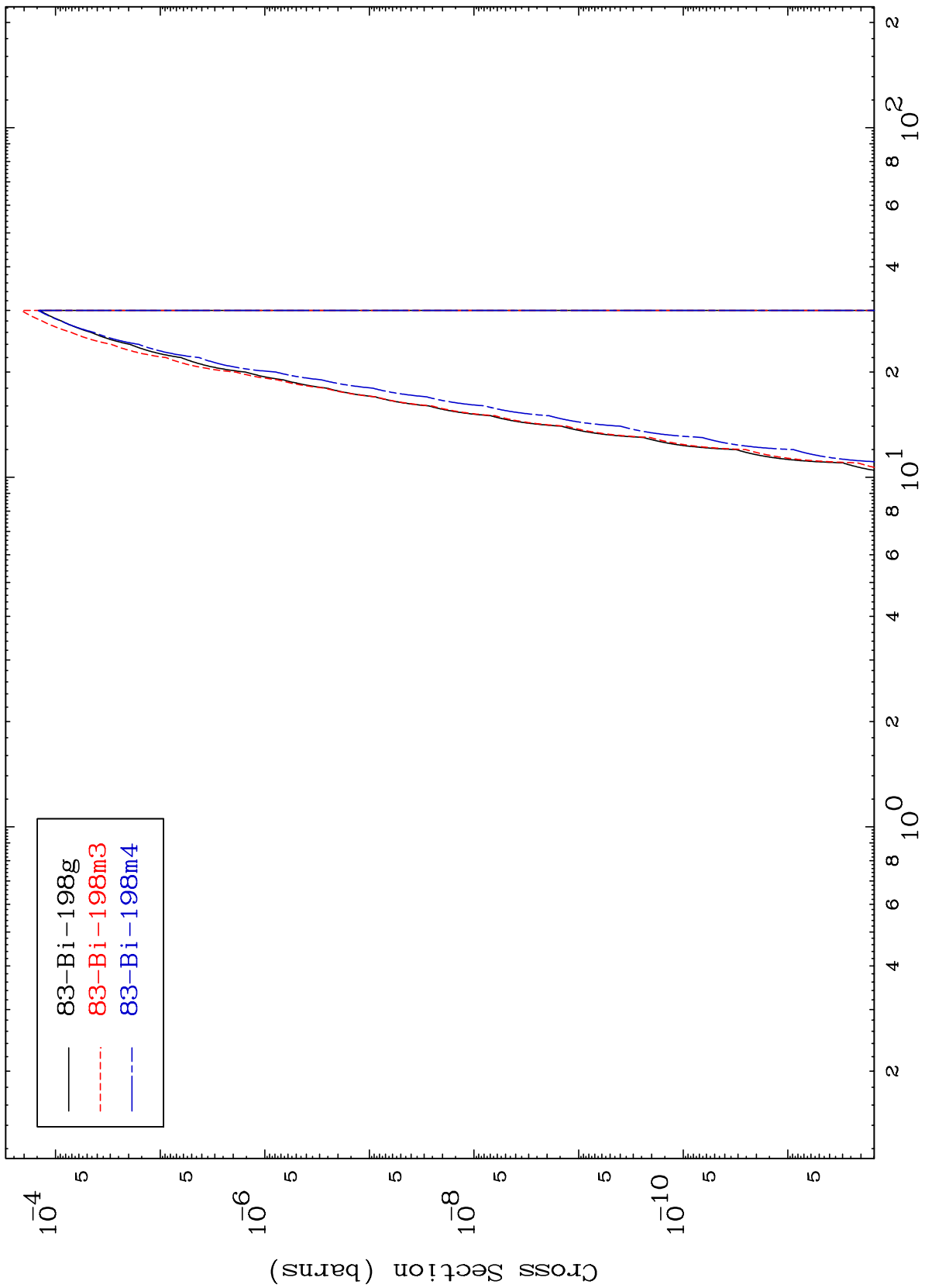


MAT 8523

(n,n') p α

85-At-202m

Radionuclide Production Cross Section

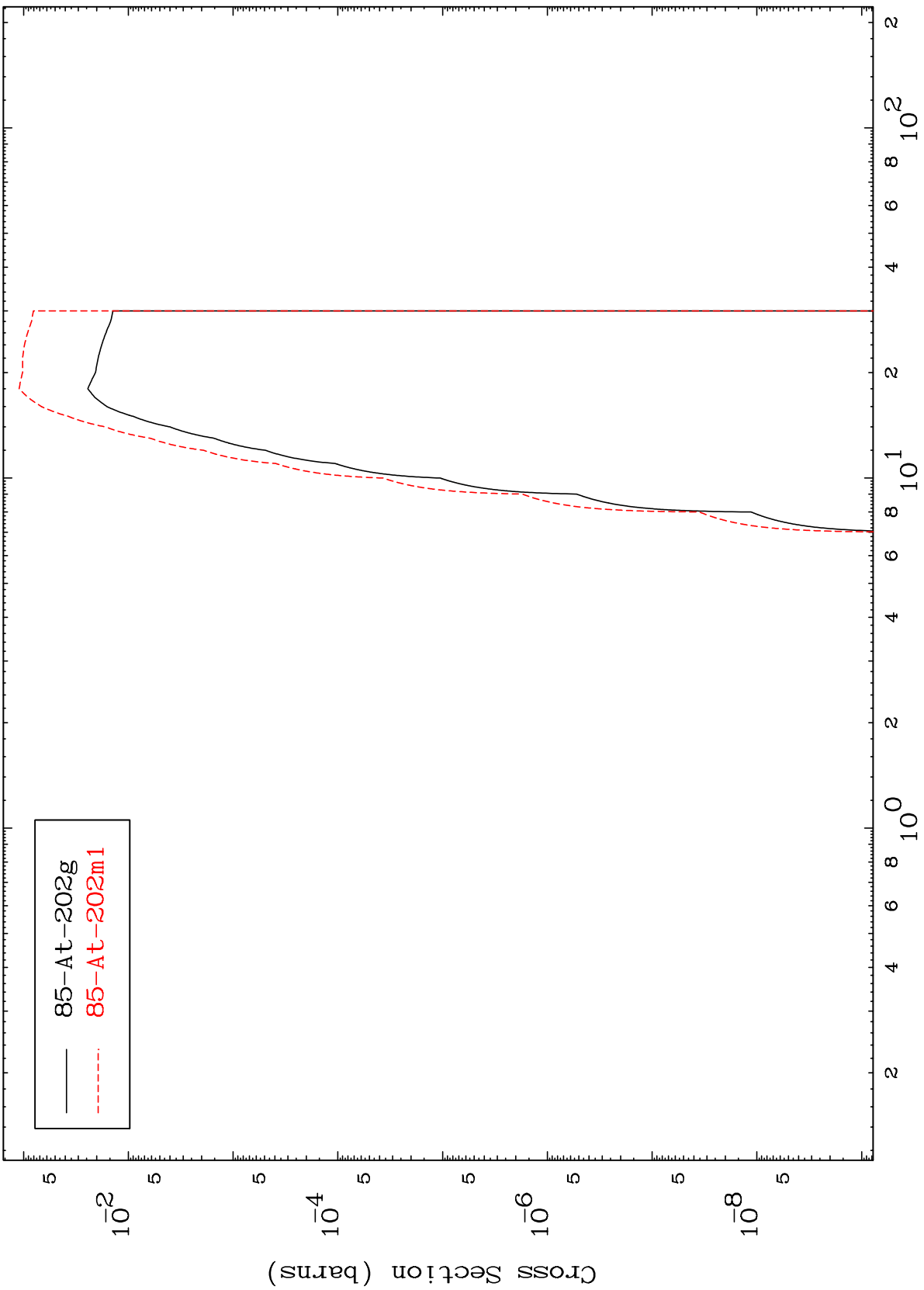


MAT 8523

(n,d)

85-At-202m

Radionuclide Production Cross Section

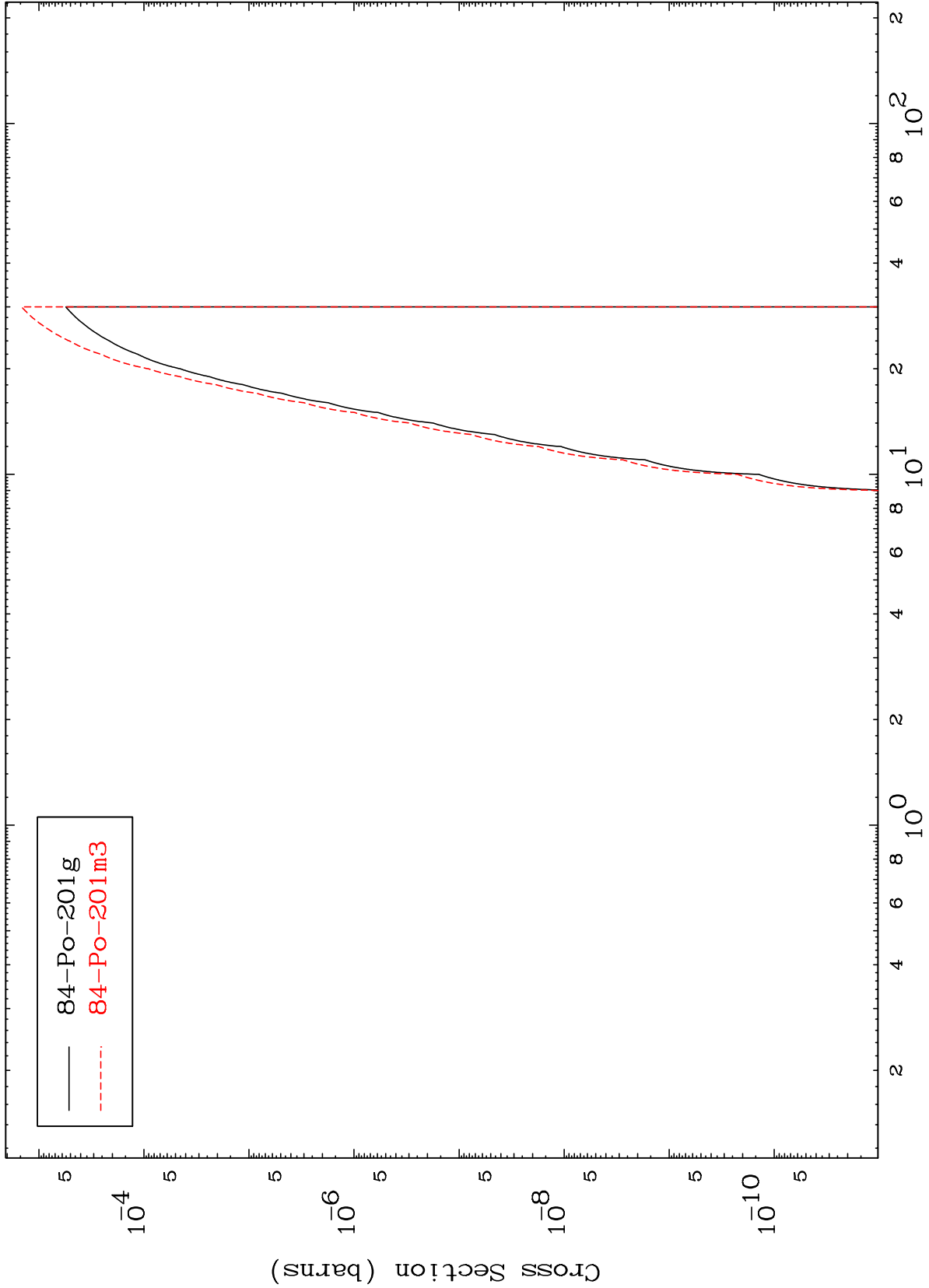


MAT 8523

(n,He-3)

85-At-202m

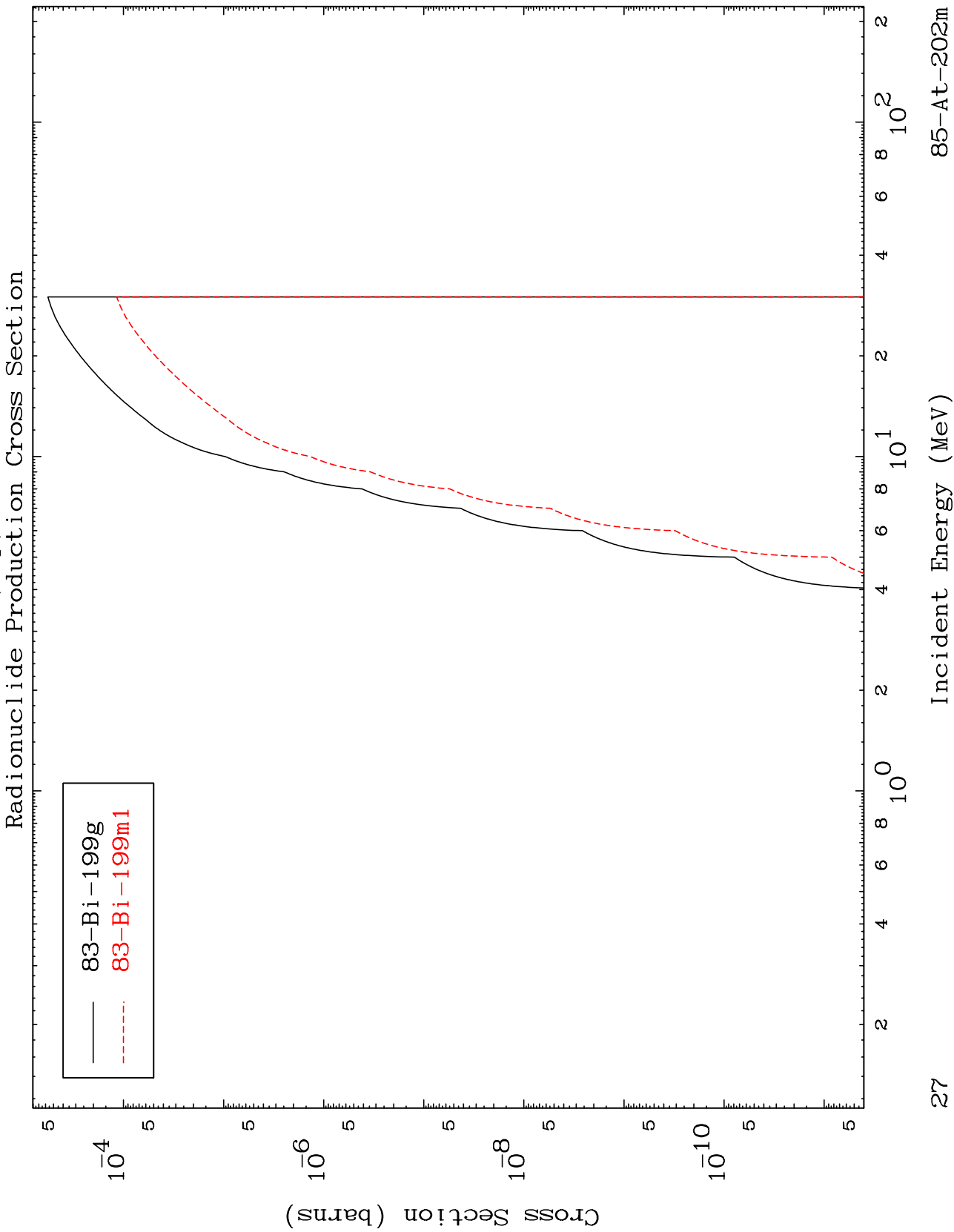
Radionuclide Production Cross Section



MAT 8523

(n,p) α

85-At-202m

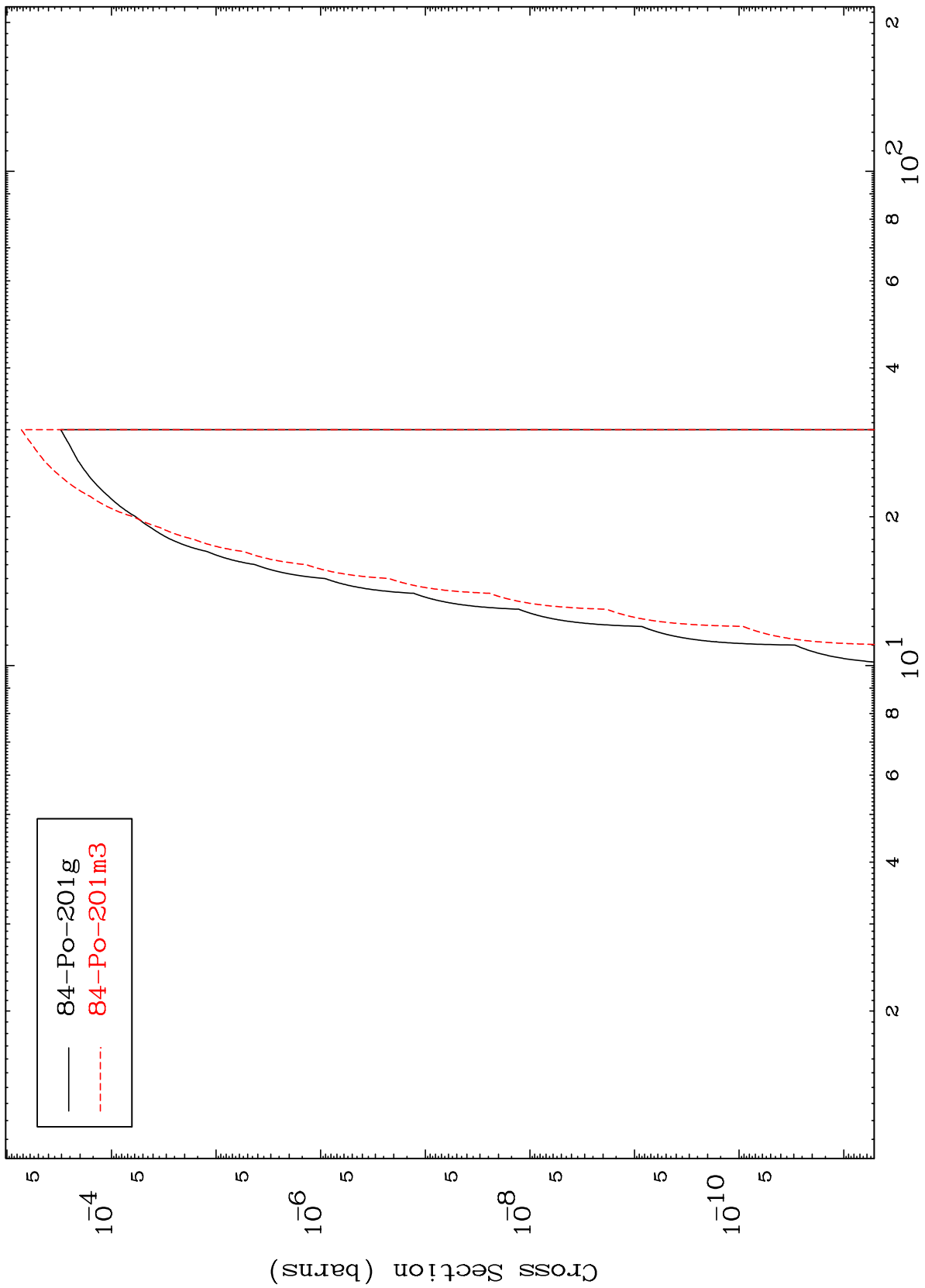


MAT 8523

(n,p) d

85-At-202m

Radionuclide Production Cross Section



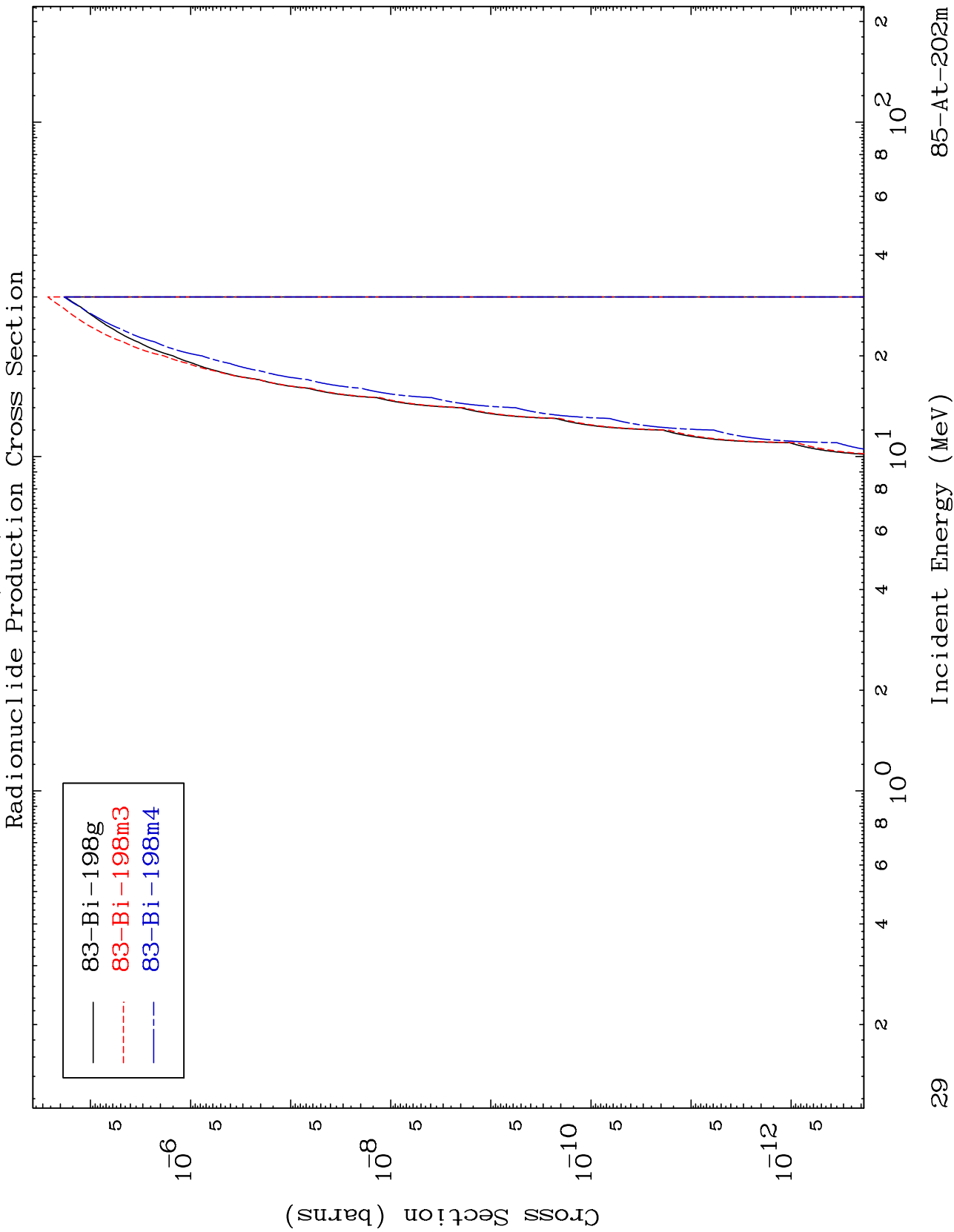
Incident Energy (MeV)

85-At-202m

MAT 8523

(n,d) α

85-At-202m



83-Bi-198g
83-Bi-198m3
83-Bi-198m4