

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

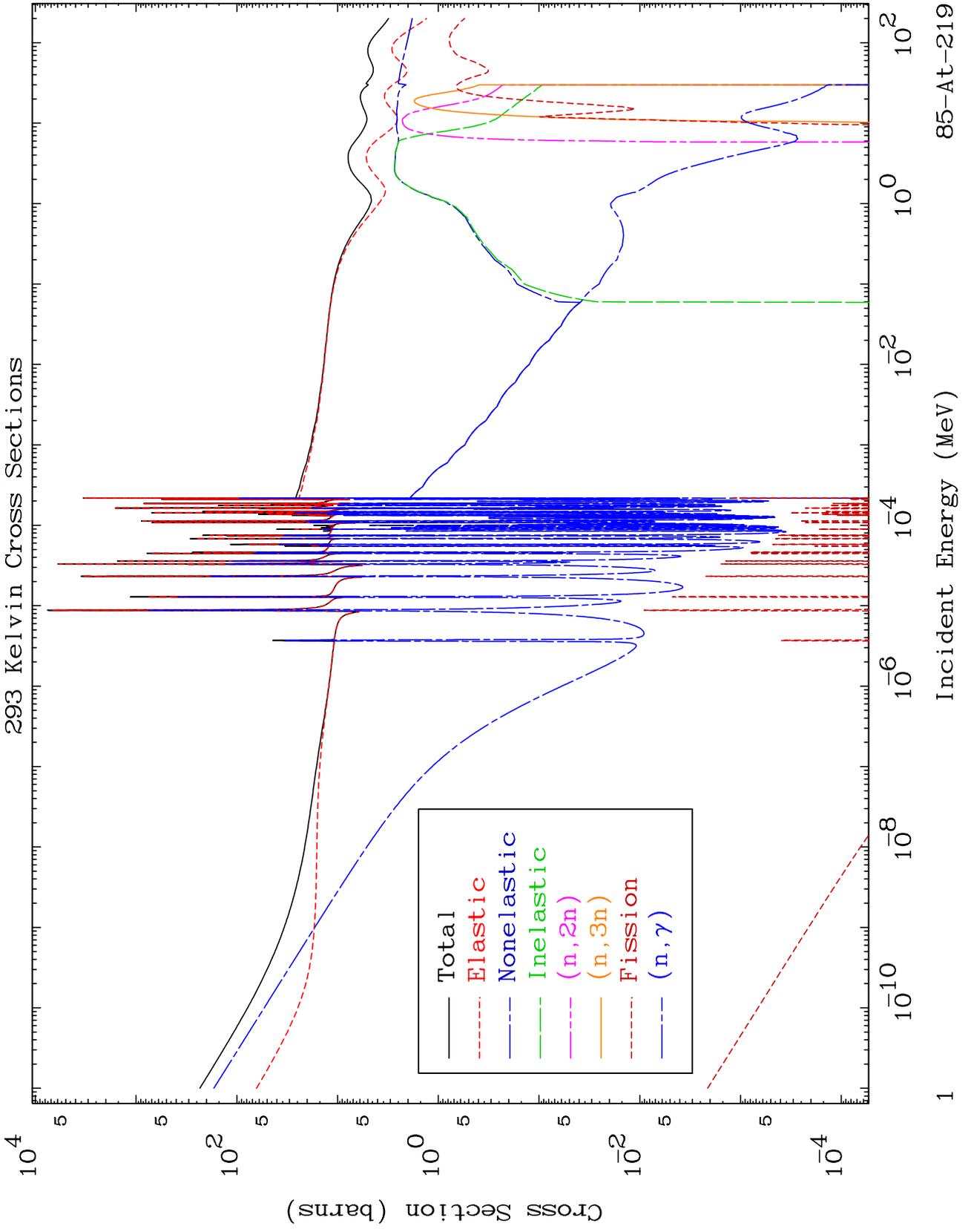
Web:redcullen1.net/HOMEPAGE.NEW

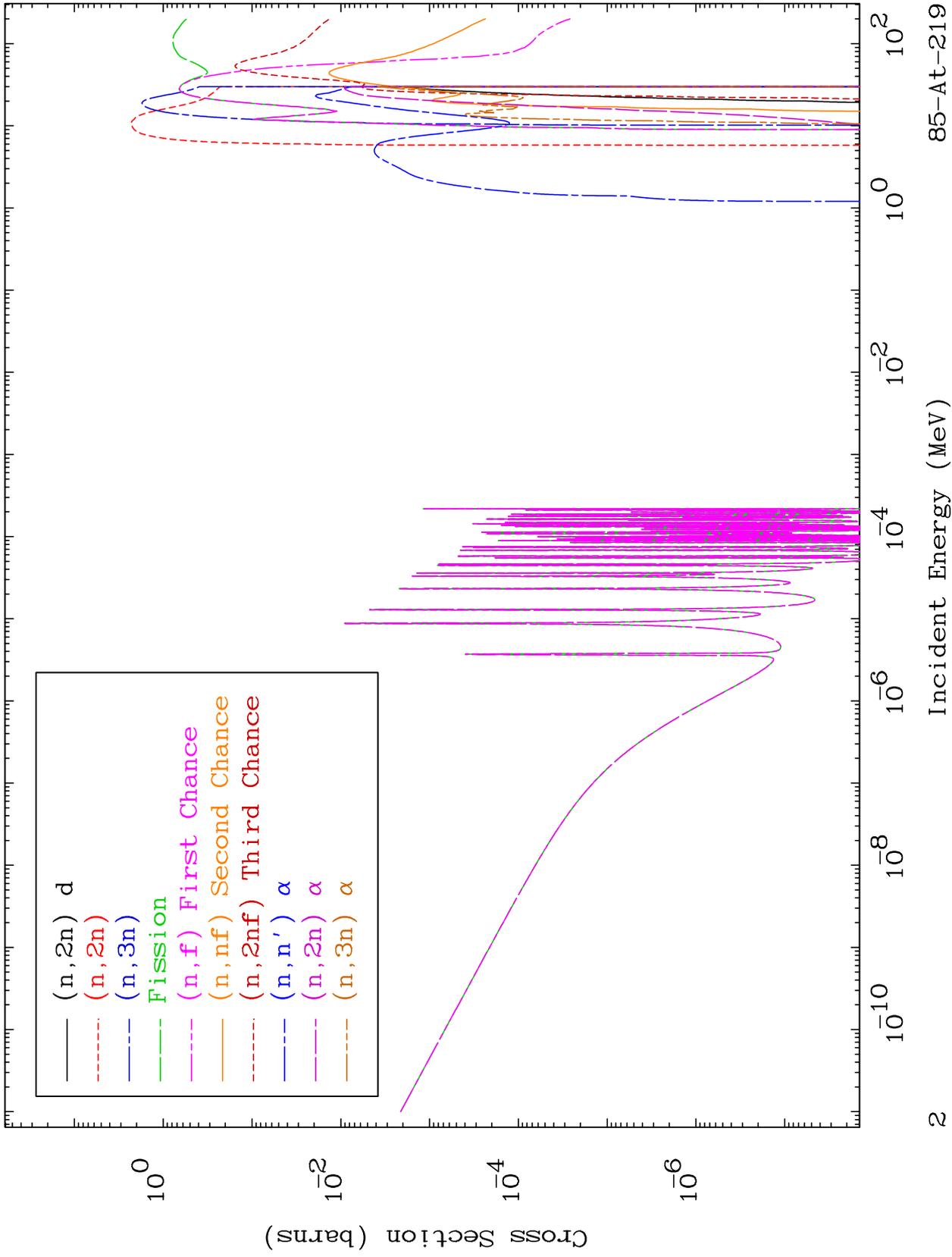
Press Mouse Button to Start

MAT 8573

Neutron Major
293 Kelvin Cross Sections

85-At-219

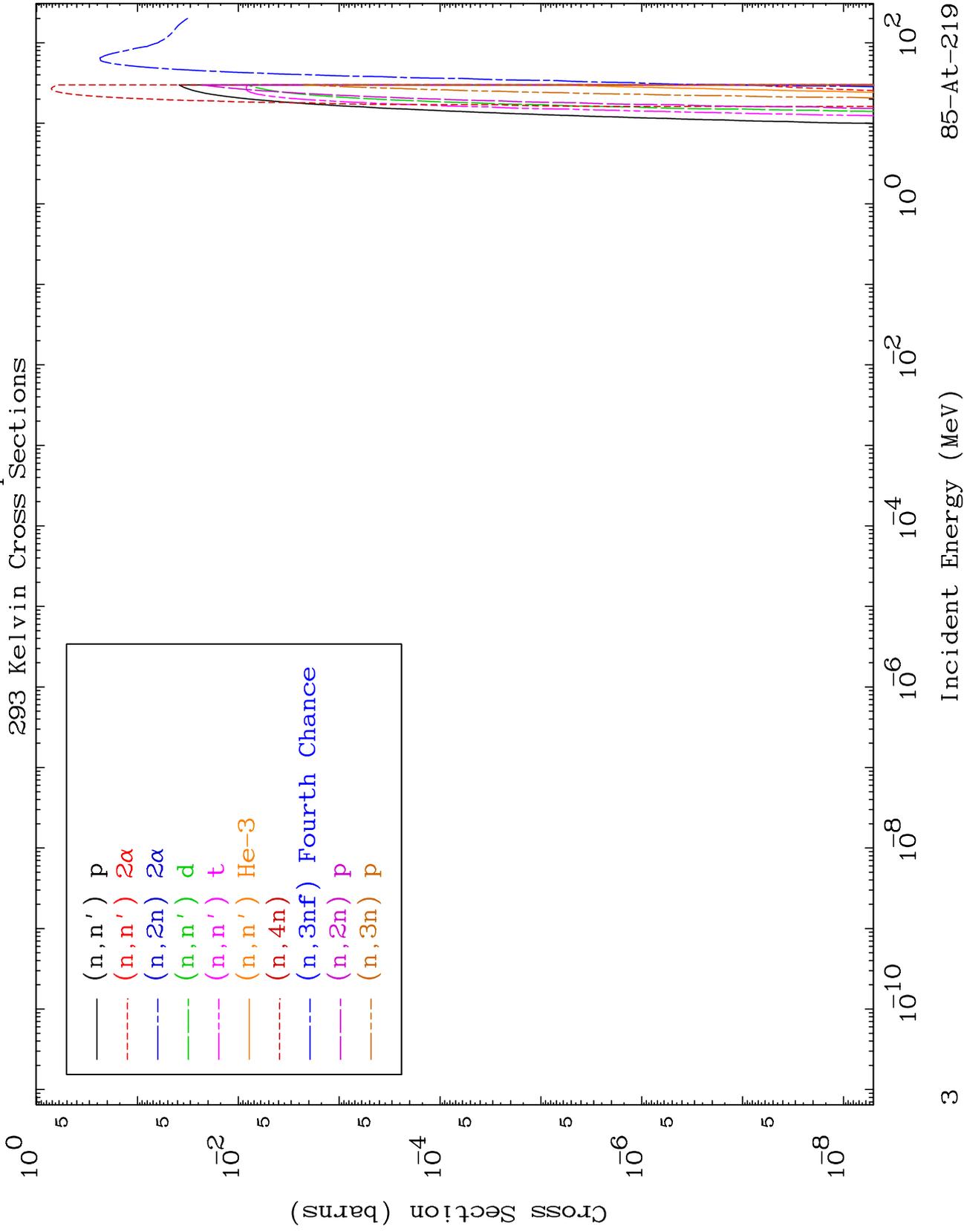


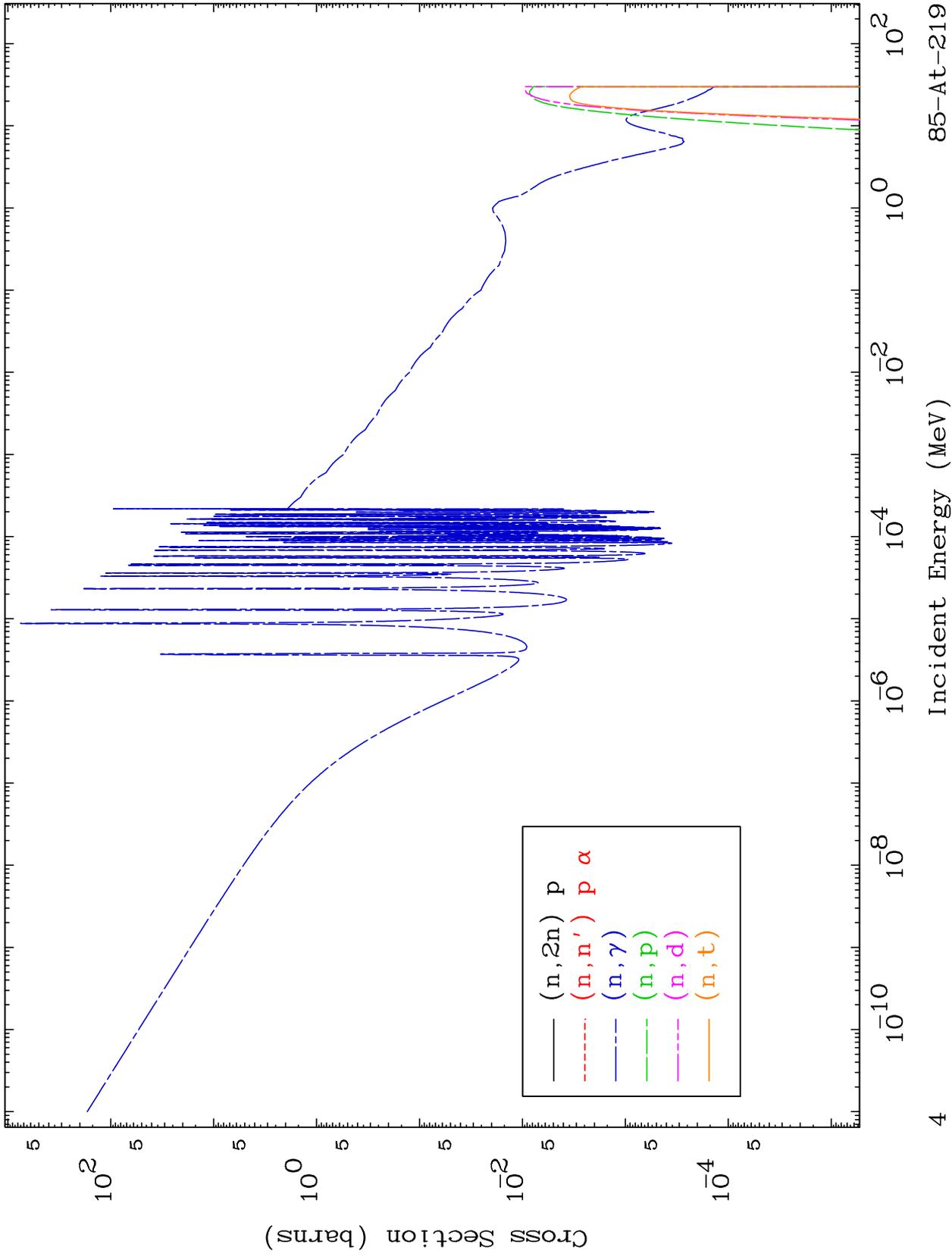


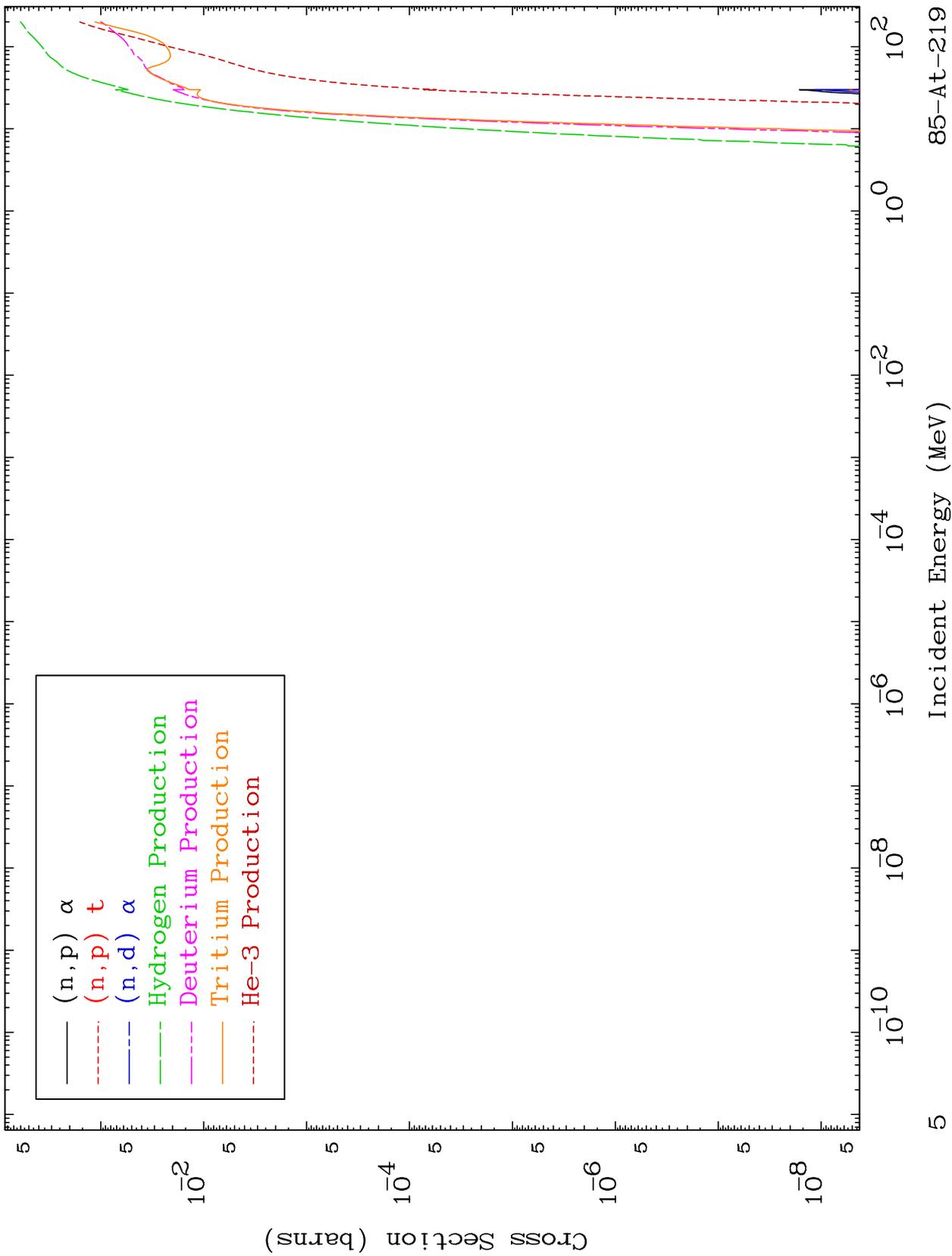
MAT 8573

Neutron Absorption
293 Kelvin Cross Sections

85-At-219



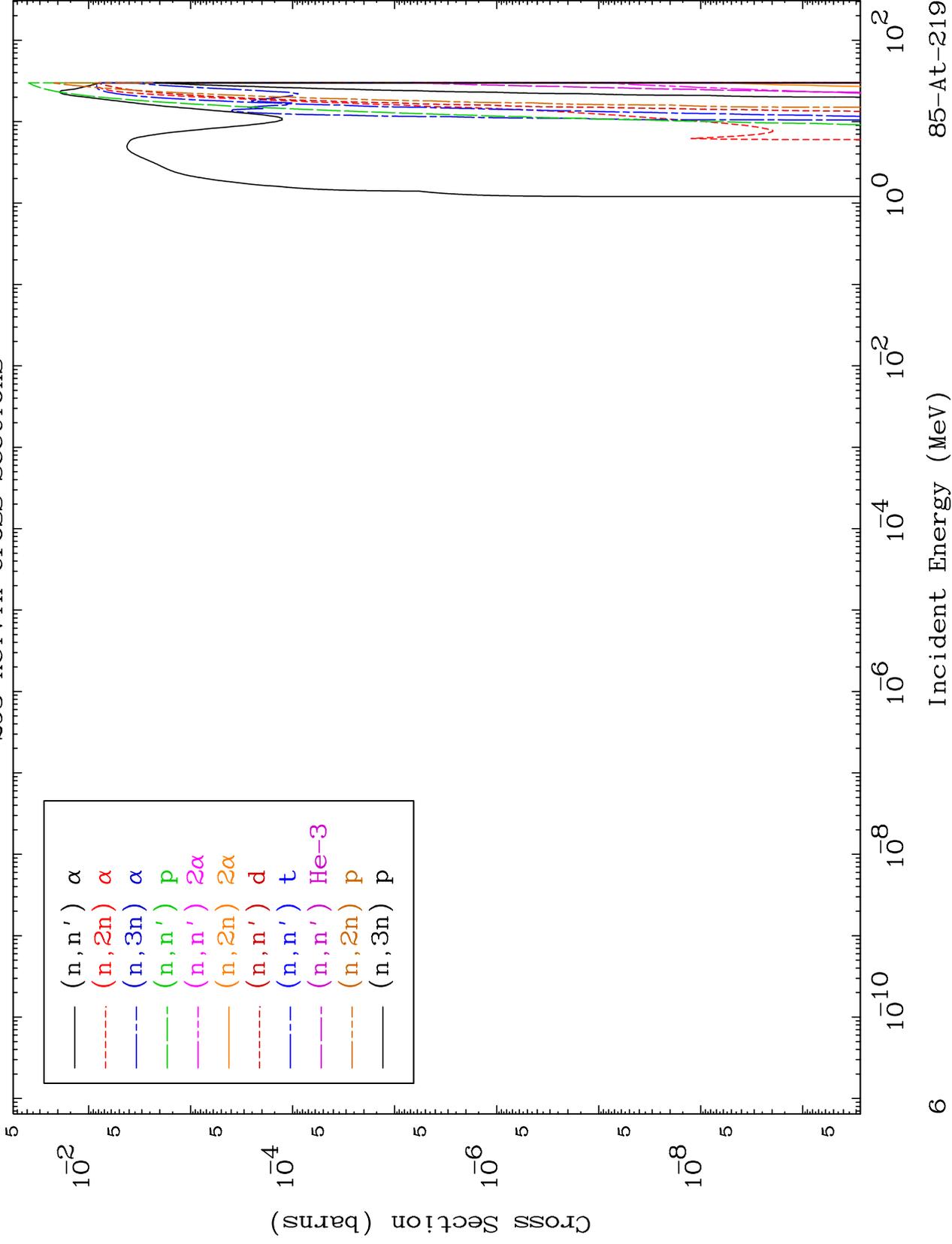




MAT 8573

Charged Particle
293 Kelvin Cross Sections

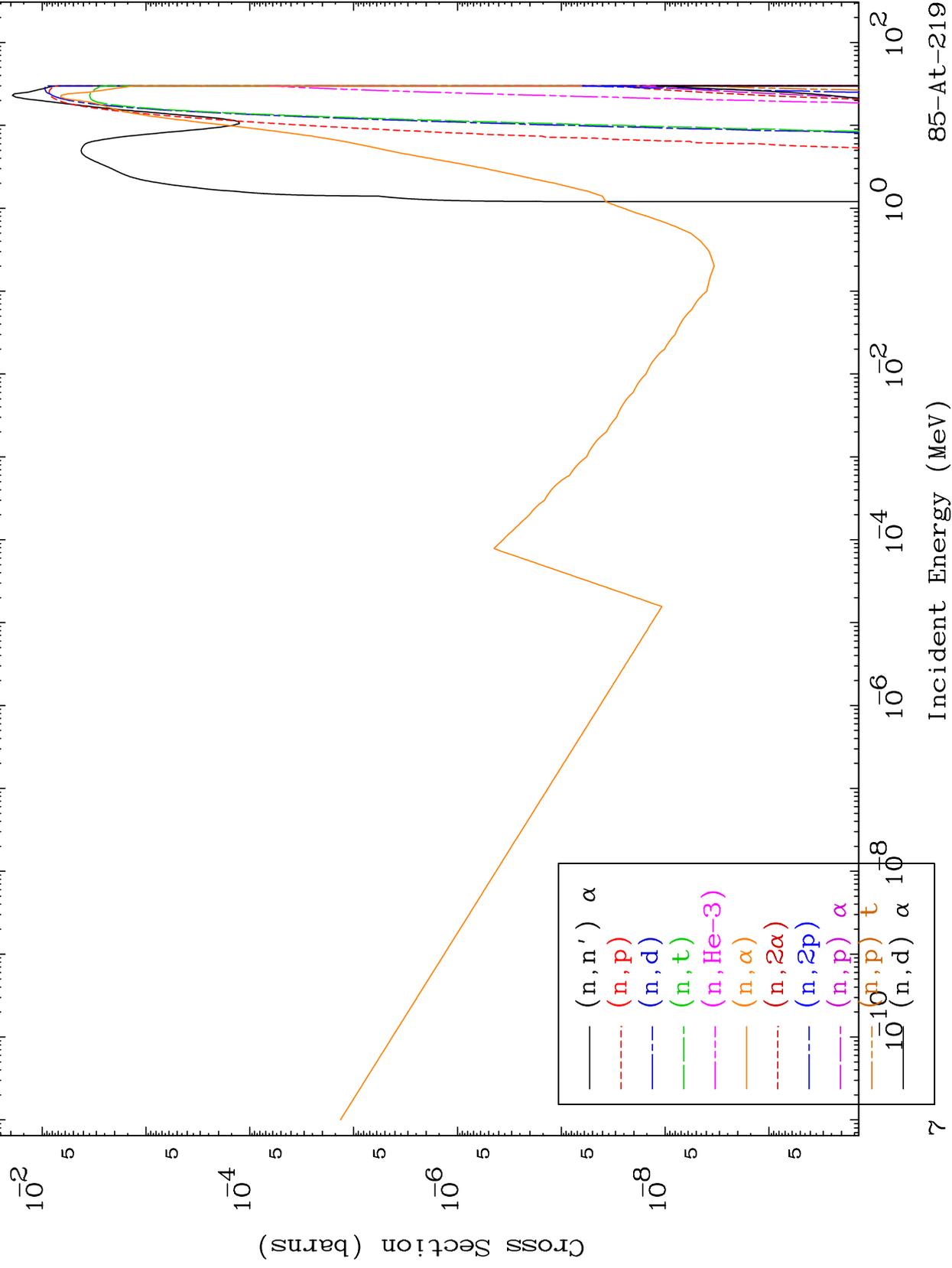
85-At-219



MAT 8573

Charged Particle
293 Kelvin Cross Sections

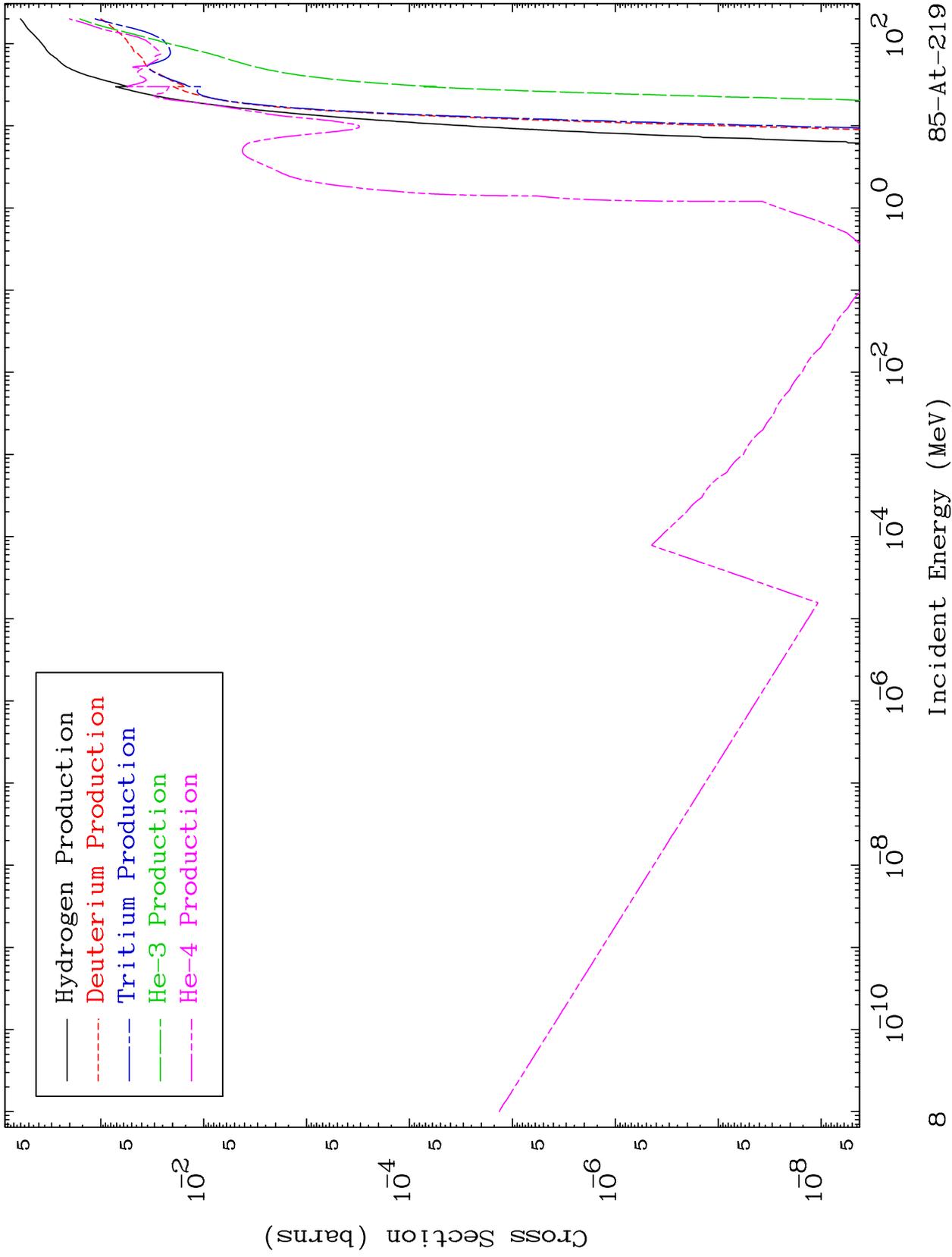
85-At-219



85-At-219

Incident Energy (MeV)

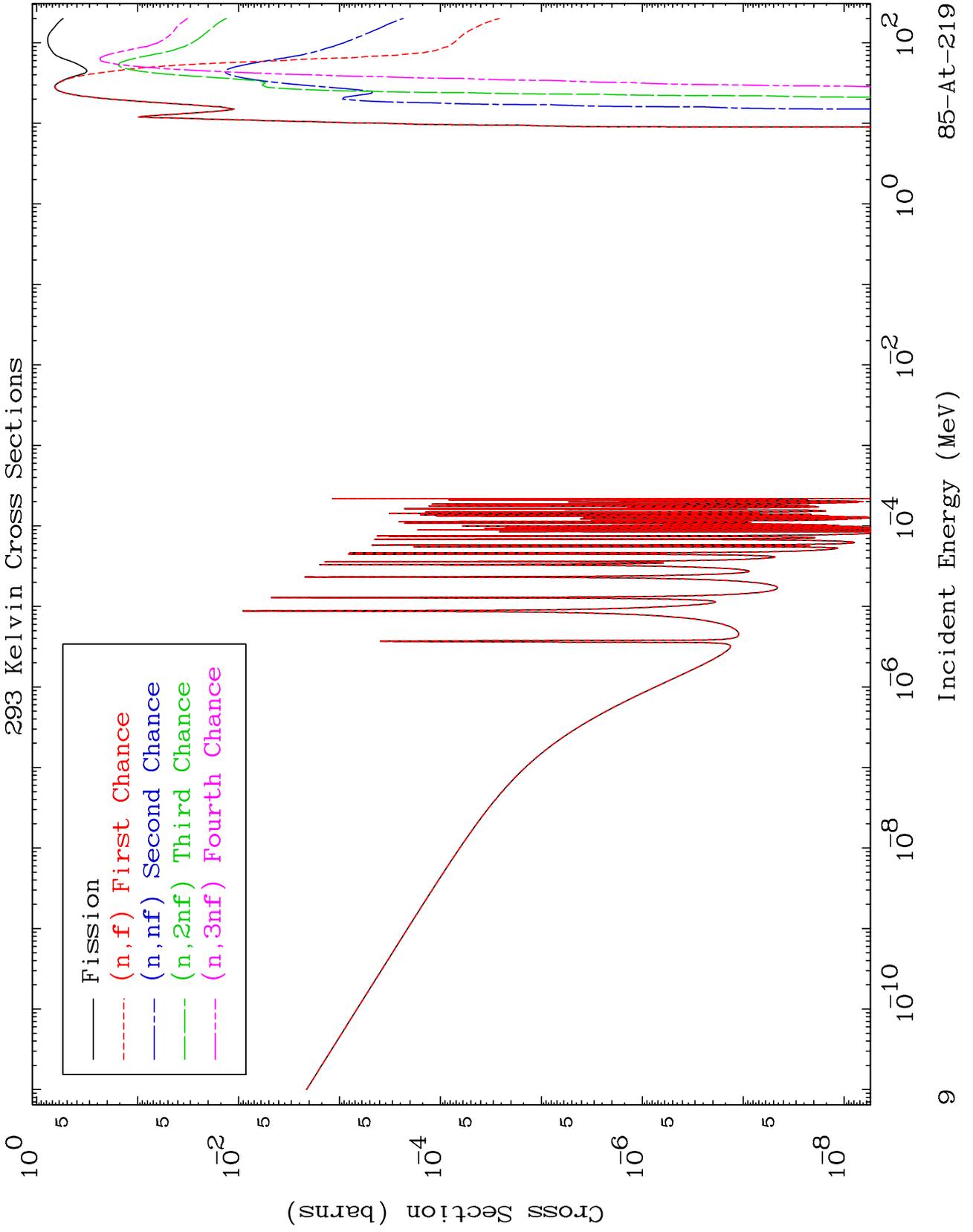
7



MAT 8573

Fission
293 Kelvin Cross Sections

85-At-219

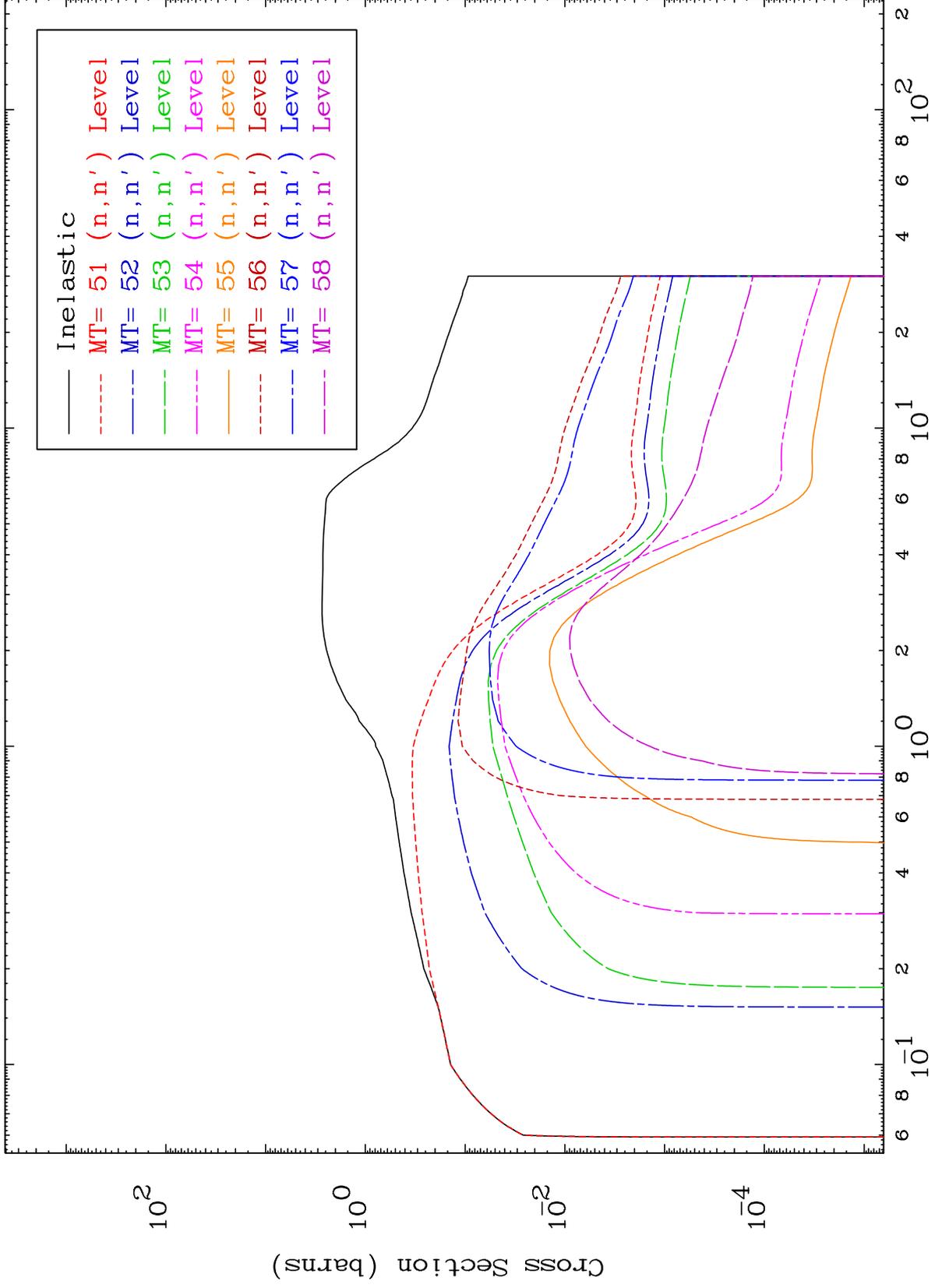


MAT 8573

(n,n') Levels

85-At-219

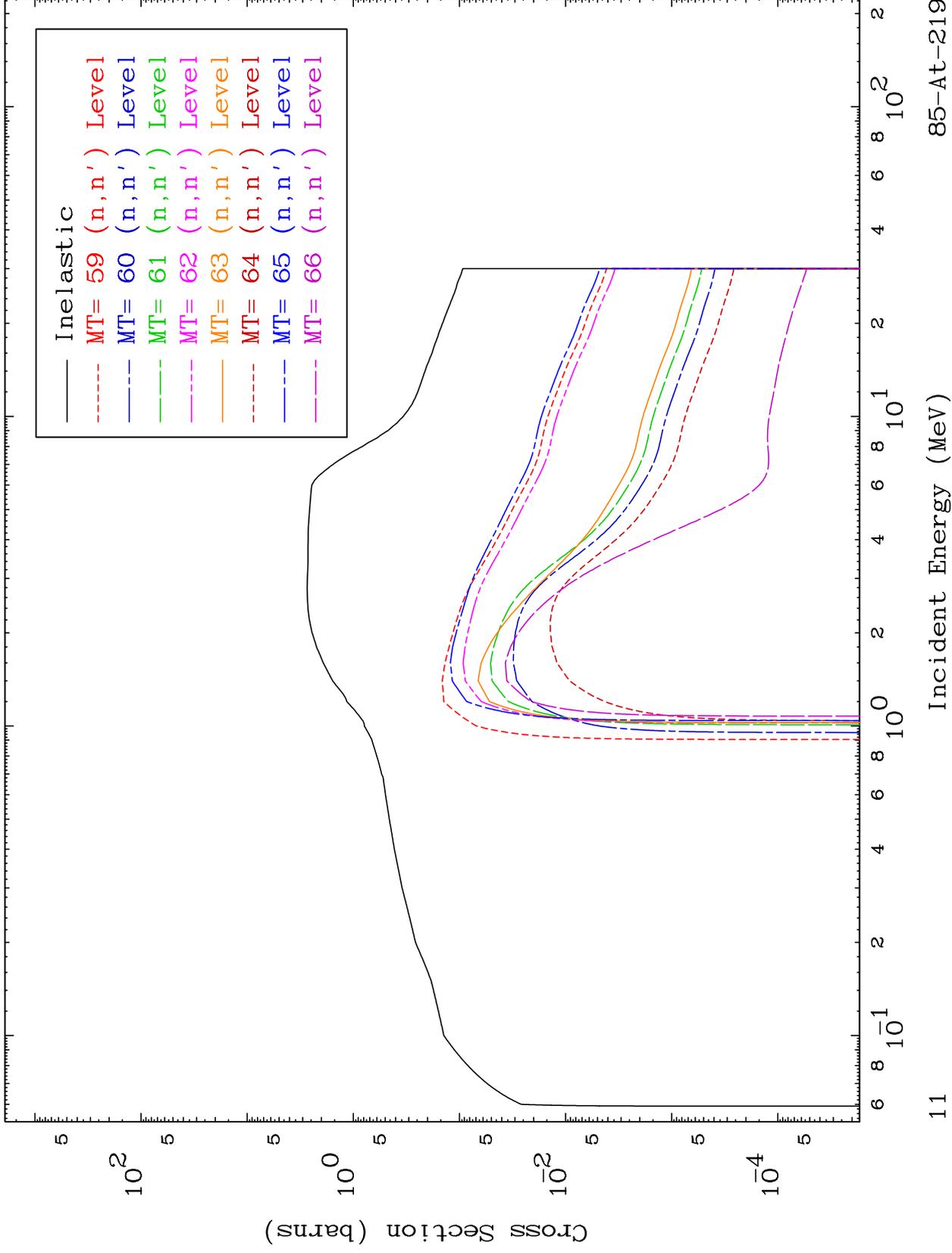
293 Kelvin Cross Sections



10

Incident Energy (MeV)

85-At-219

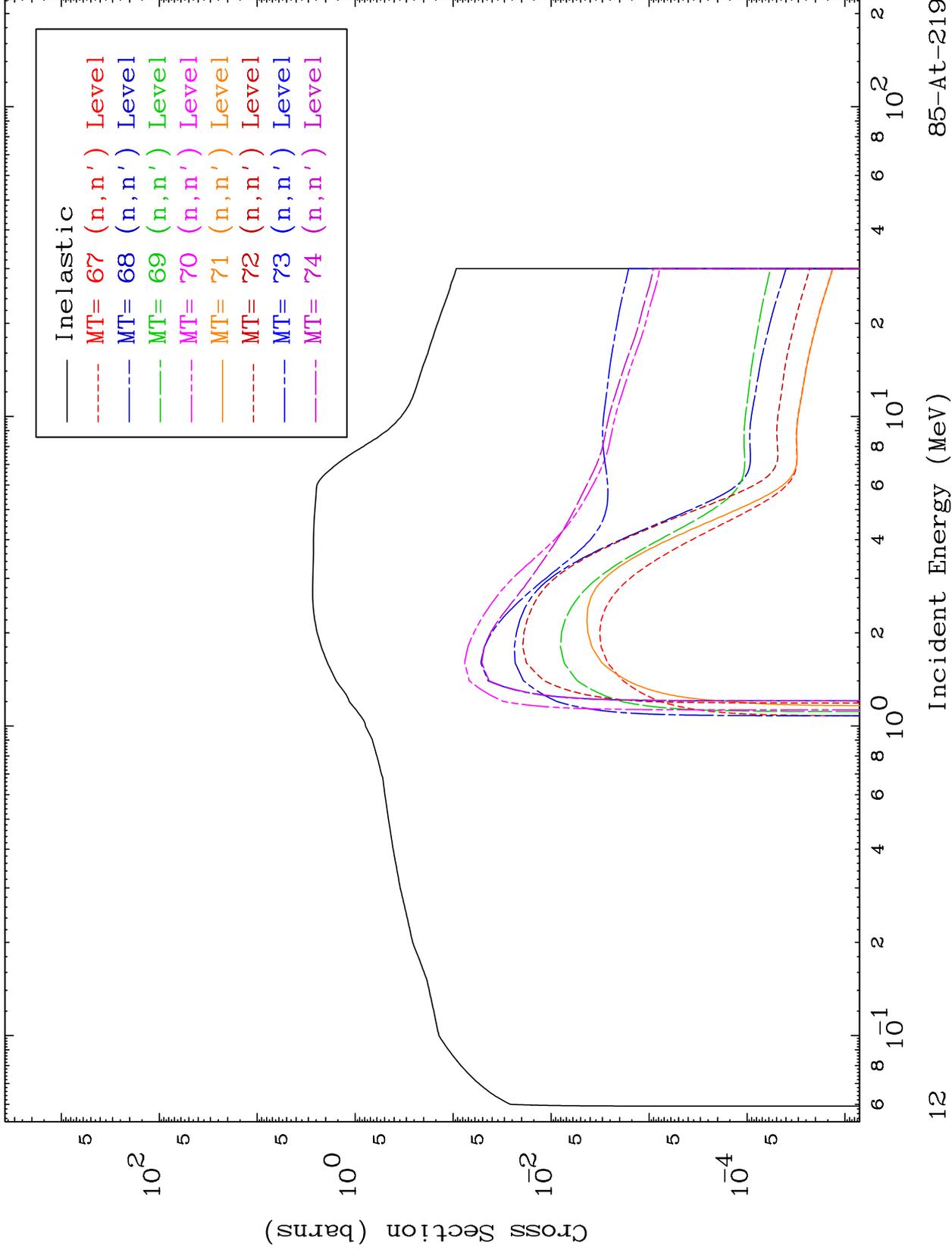


MAT 8573

(n,n') Levels

85-At-219

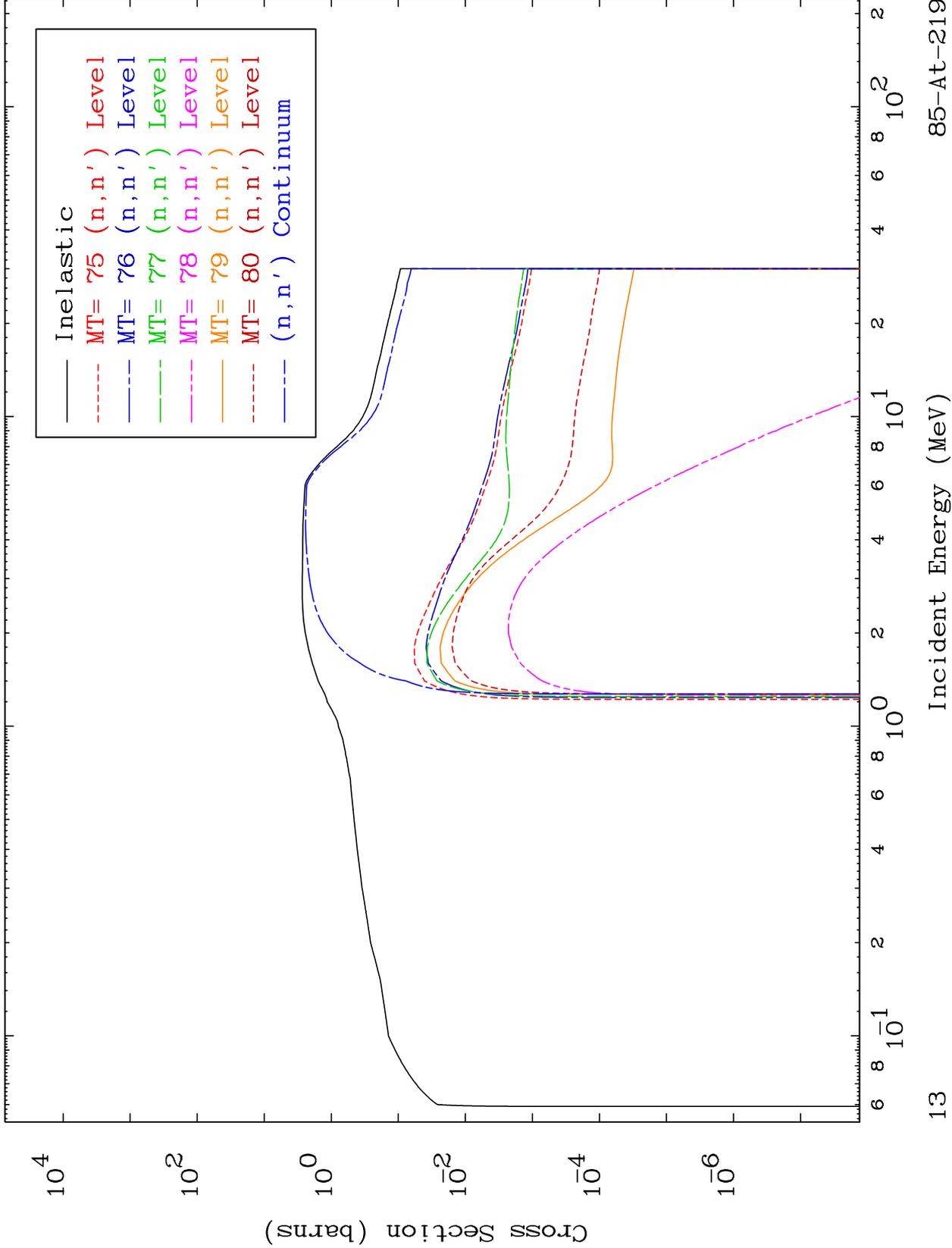
293 Kelvin Cross Sections



12

Incident Energy (MeV)

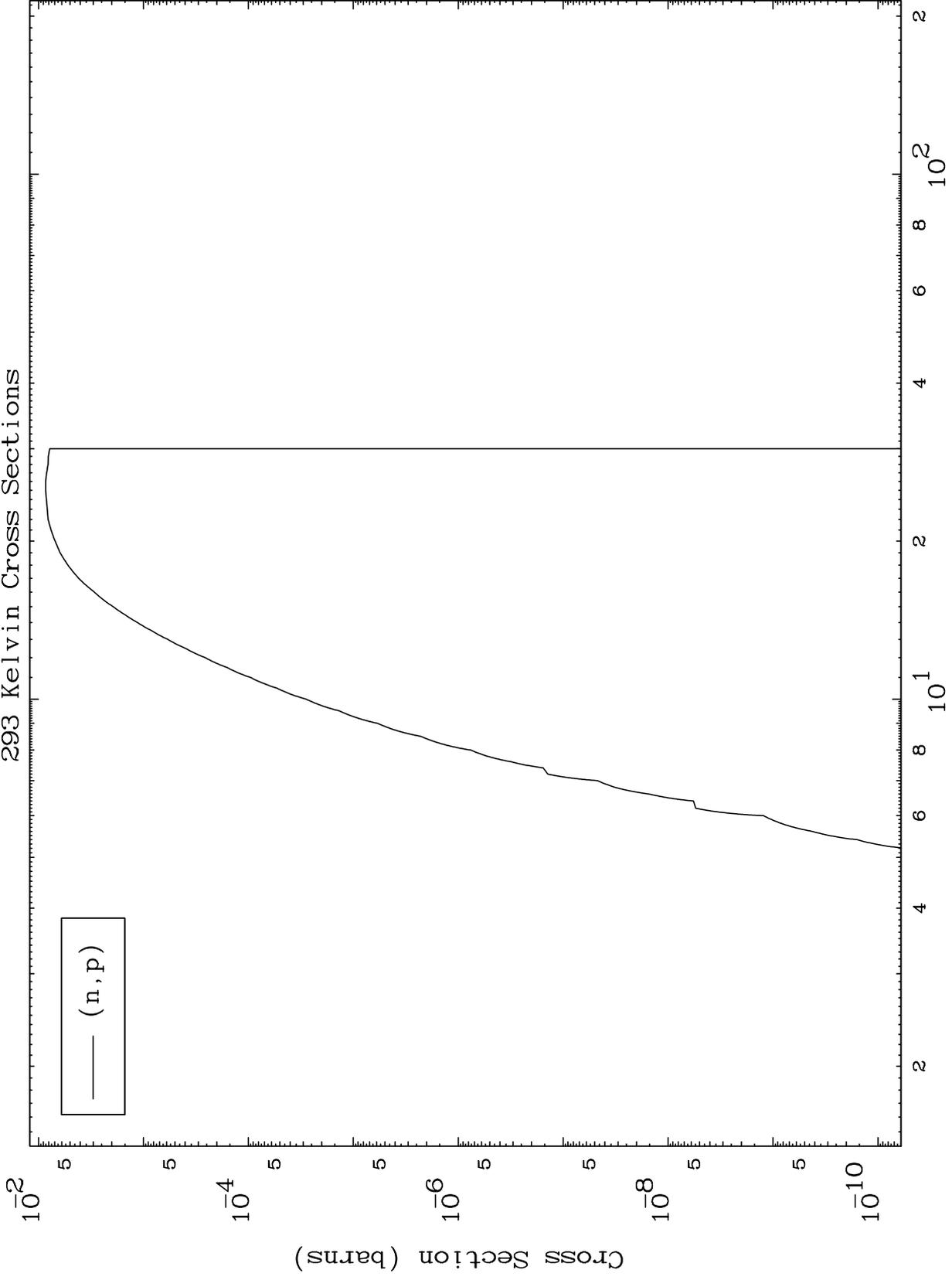
85-At-219



MAT 8573

(n,p) Levels
293 Kelvin Cross Sections

85-At-219



14

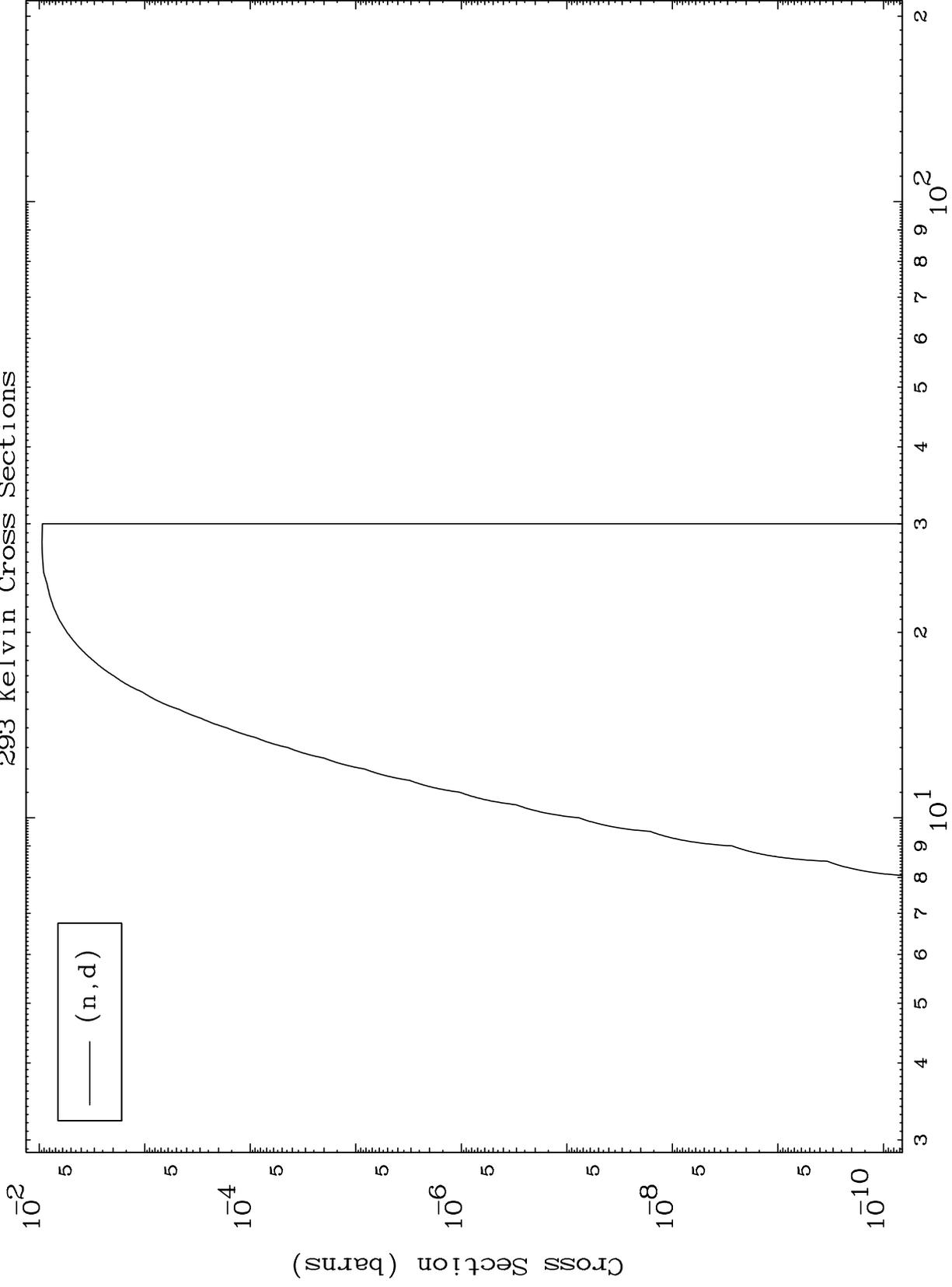
Incident Energy (MeV)

85-At-219

MAT 8573

(n,d) Levels
293 Kelvin Cross Sections

85-At-219



15

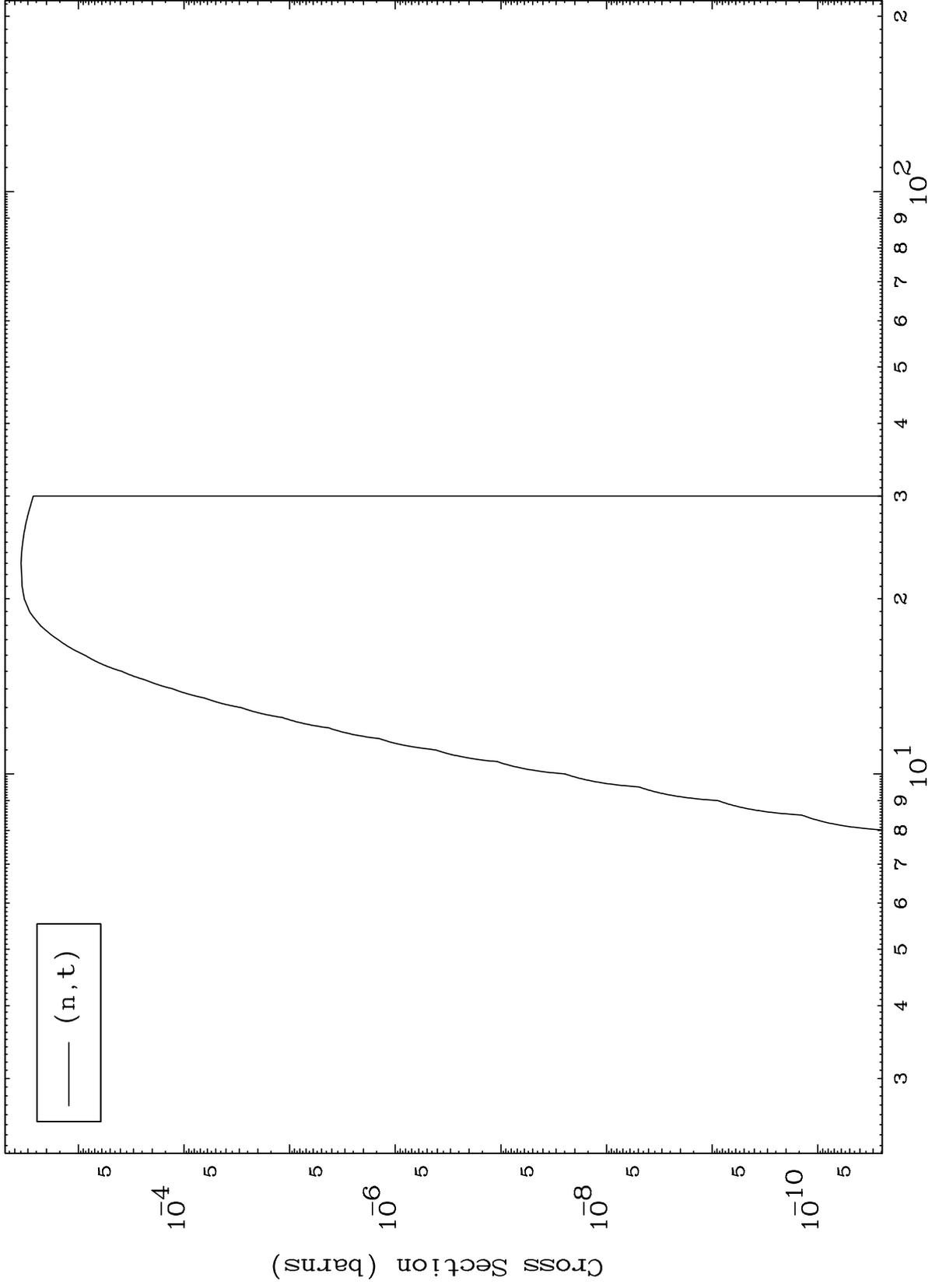
Incident Energy (MeV)

85-At-219

MAT 8573

(n,t) Levels
293 Kelvin Cross Sections

85-At-219



16

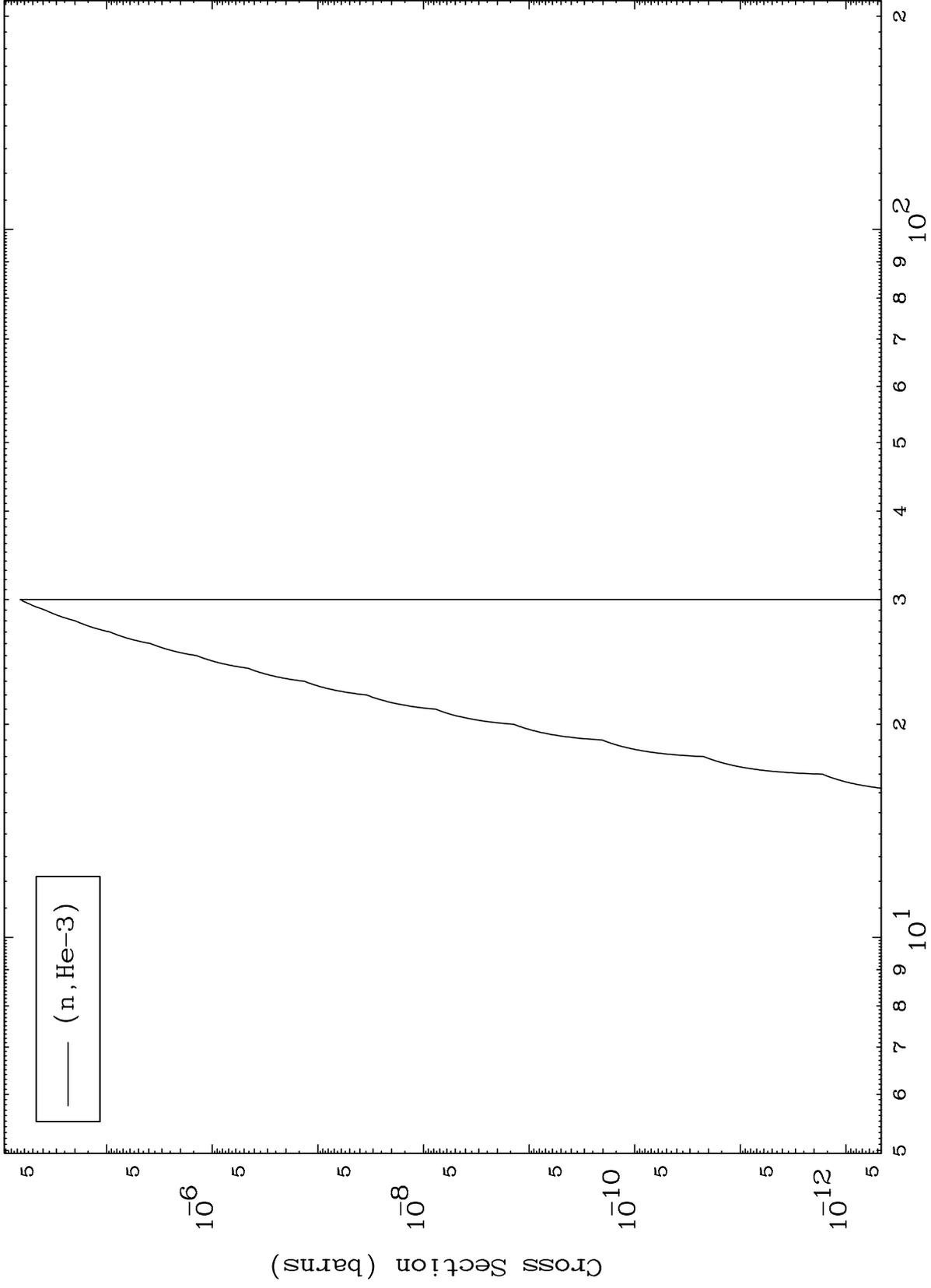
Incident Energy (MeV)

85-At-219

MAT 8573

(n,He3) Levels
293 Kelvin Cross Sections

85-At-219



17

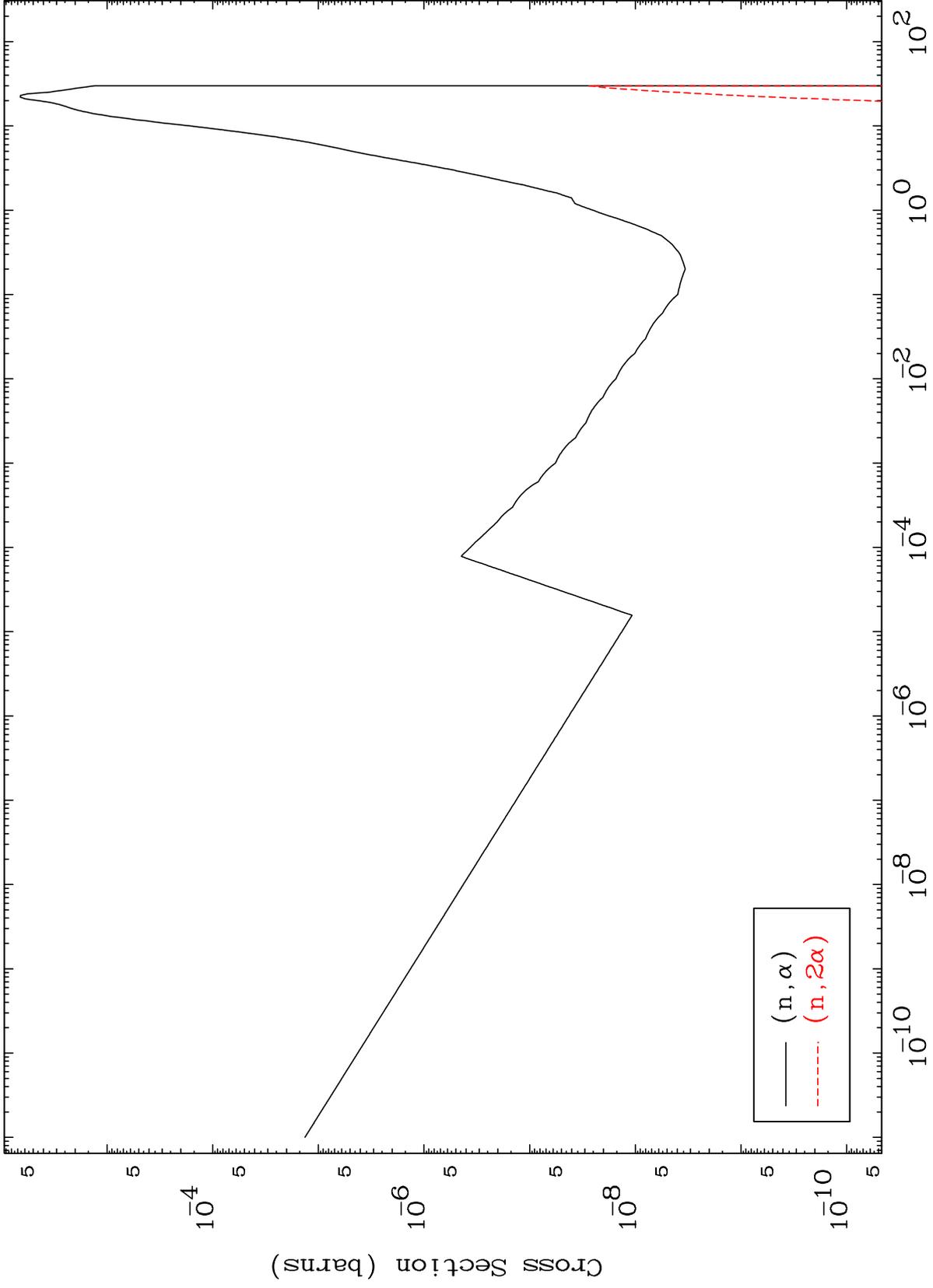
Incident Energy (MeV)

85-At-219

MAT 8573

(n, α) Levels
293 Kelvin Cross Sections

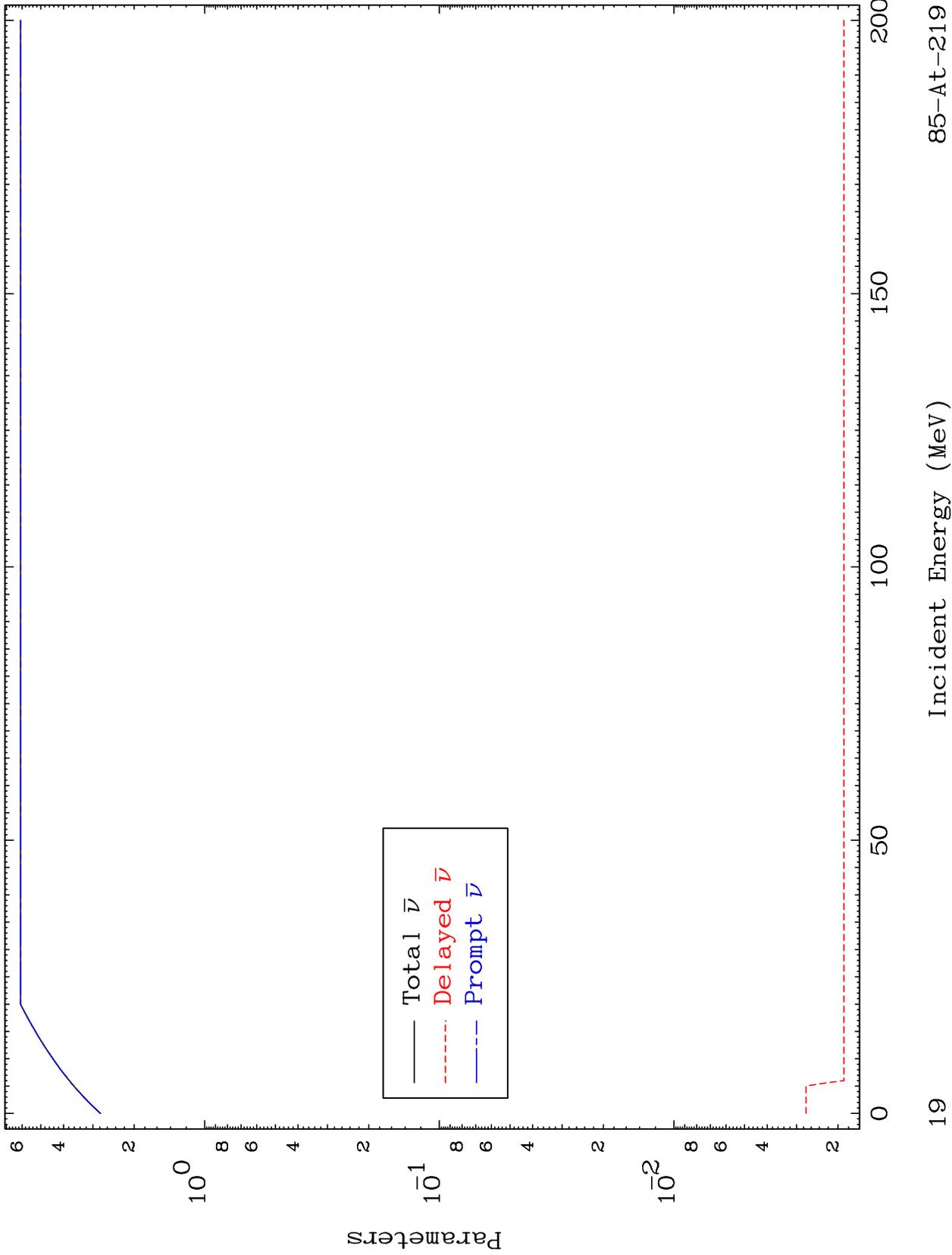
85-At-219



18

Incident Energy (MeV)

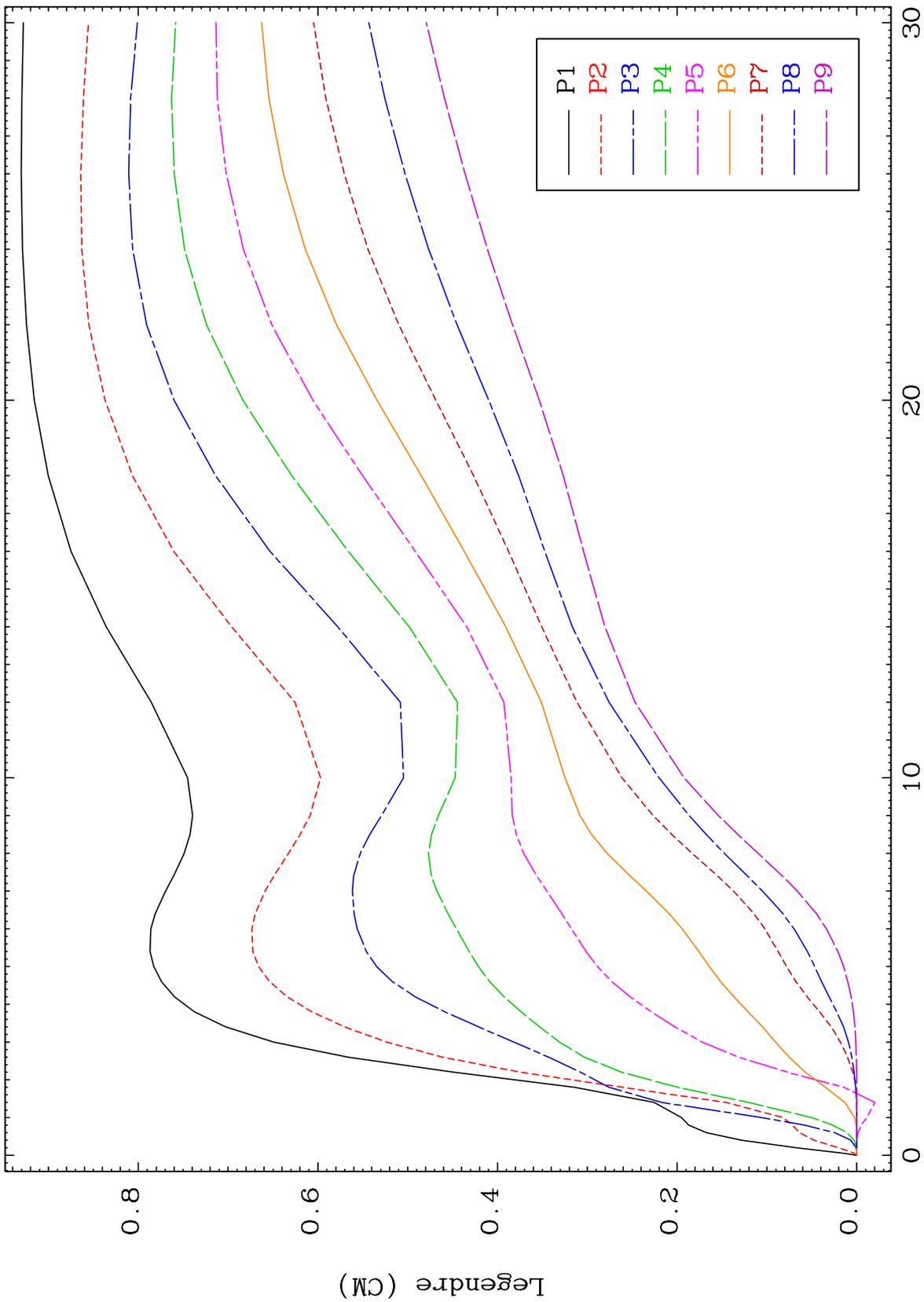
85-At-219



MAT 8573

85-At-219

Elastic Legendre Coefficients



85-At-219

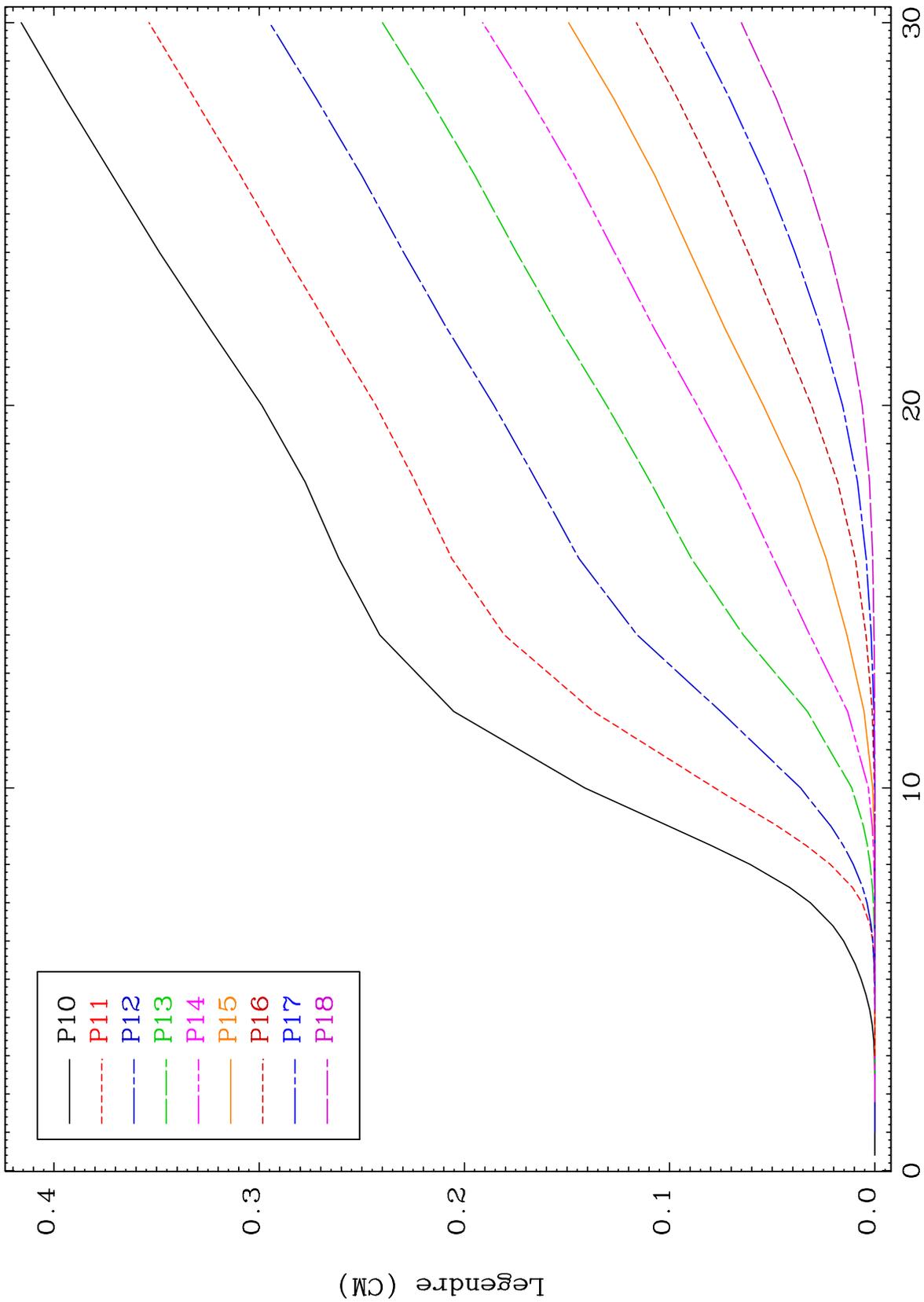
Incident Energy (MeV)

20

MAT 8573

Elastic Legendre Coefficients

85-At-219



21

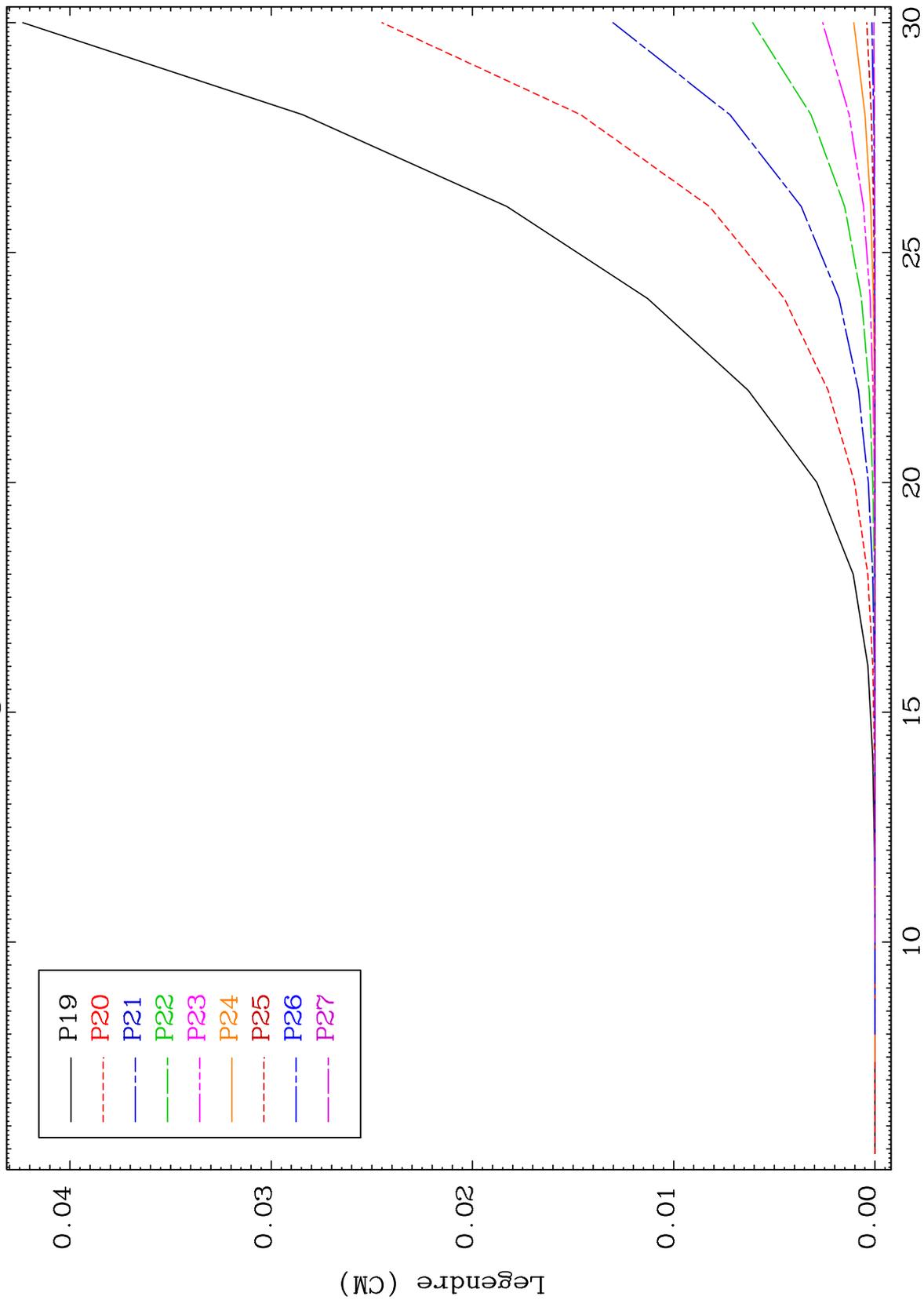
Incident Energy (MeV)

85-At-219

MAT 8573

Elastic Legendre Coefficients

85-At-219



22

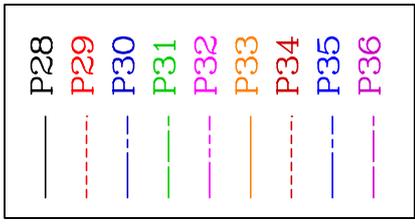
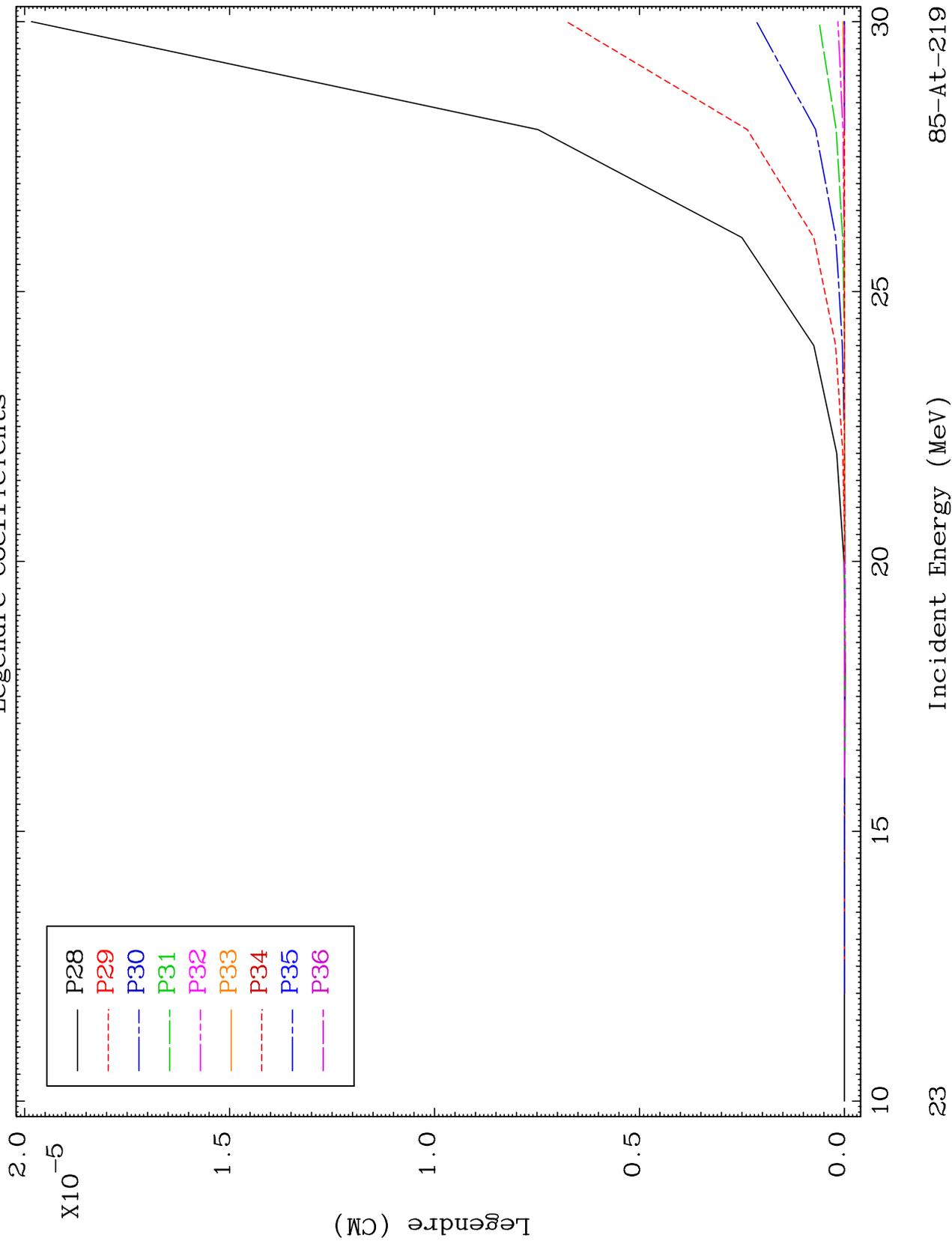
Incident Energy (MeV)

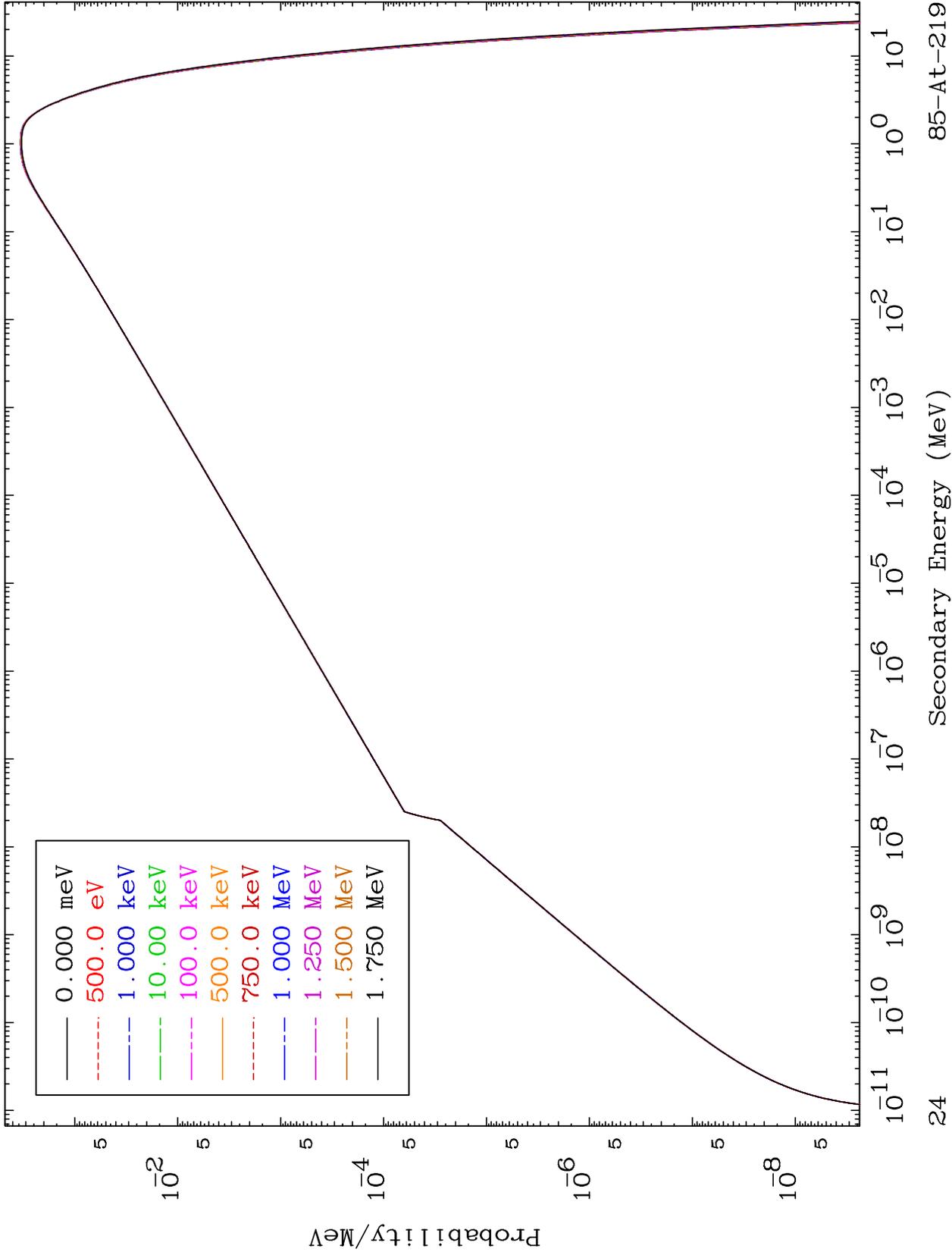
85-At-219

MAT 8573

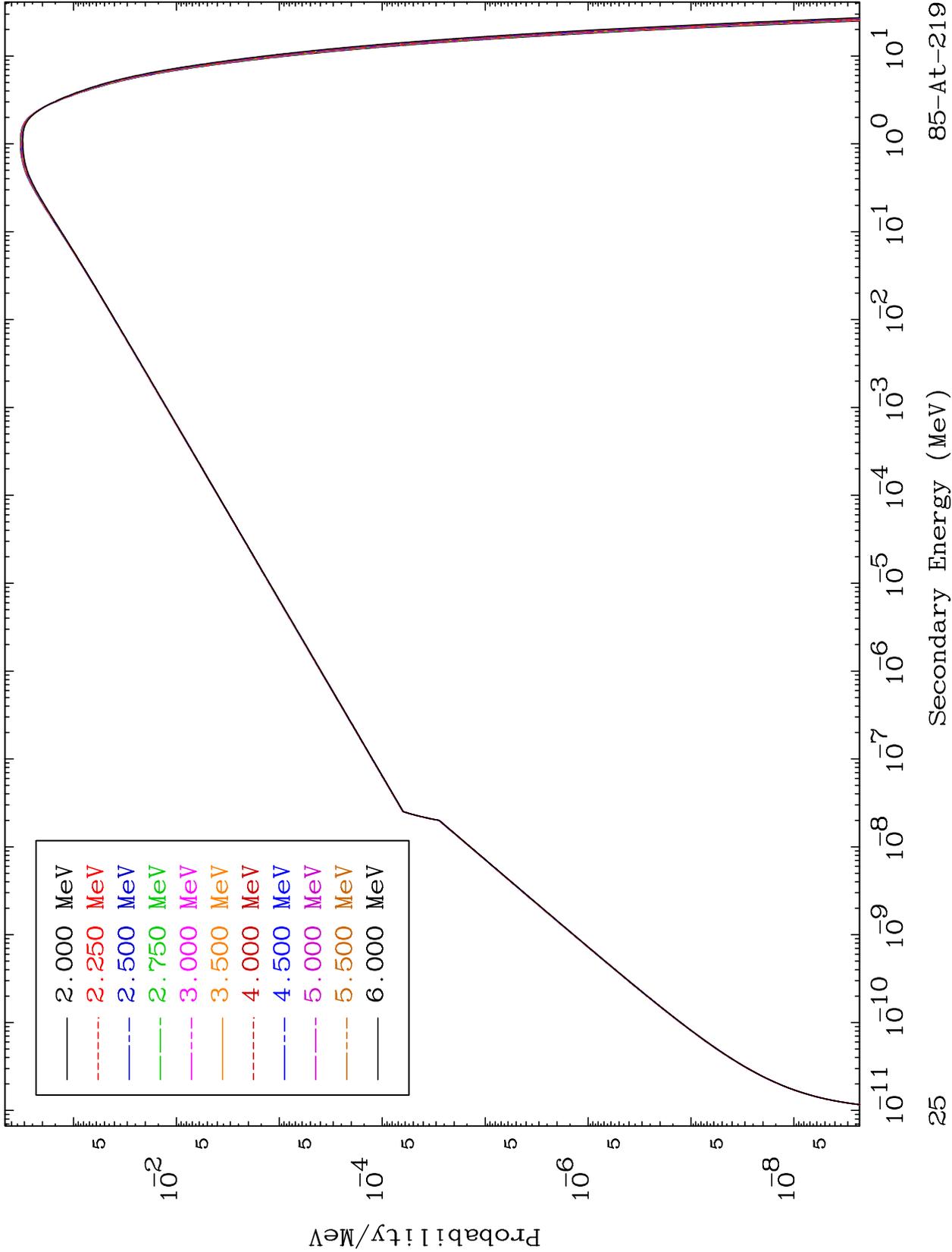
Elastic Legendre Coefficients

85-At-219

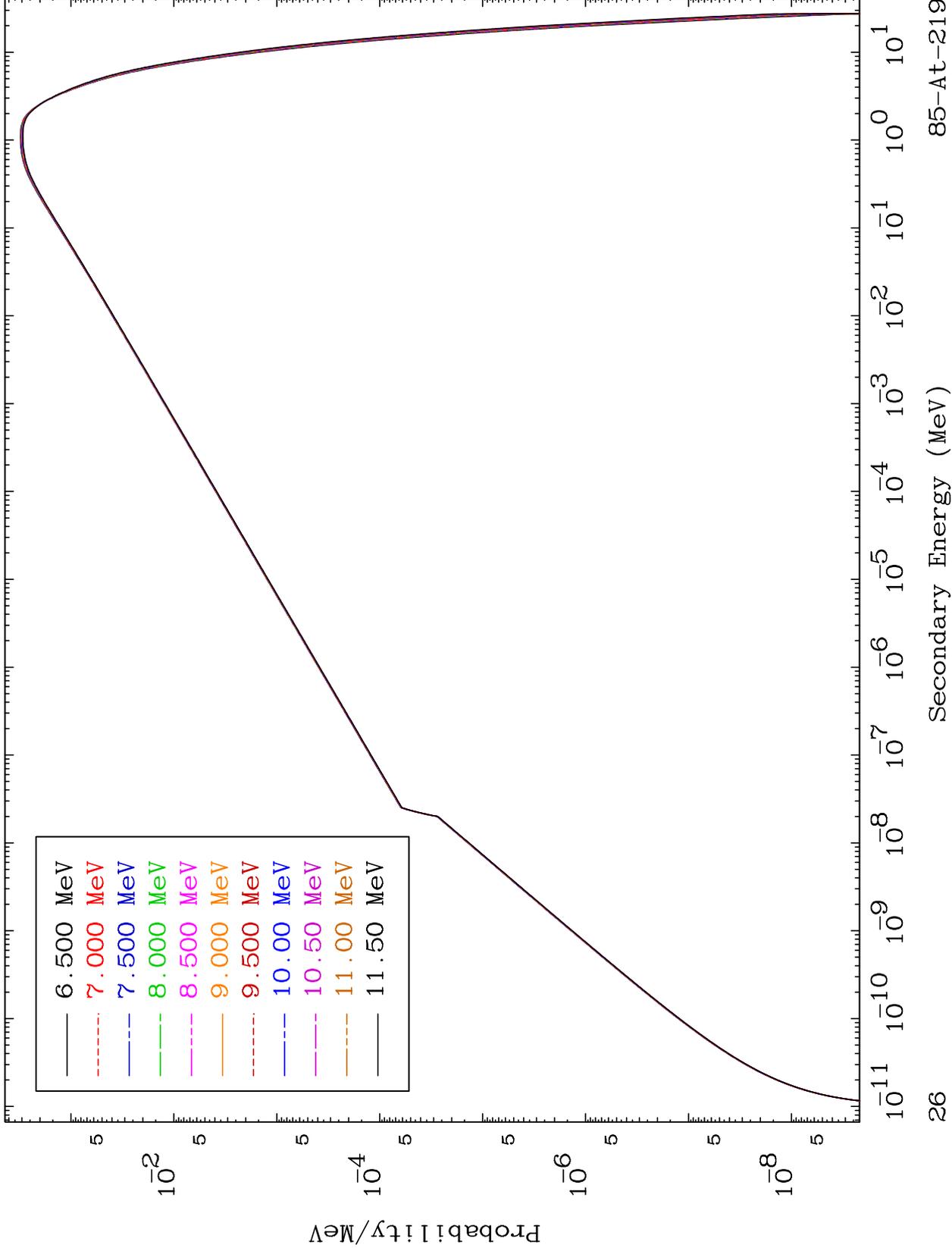




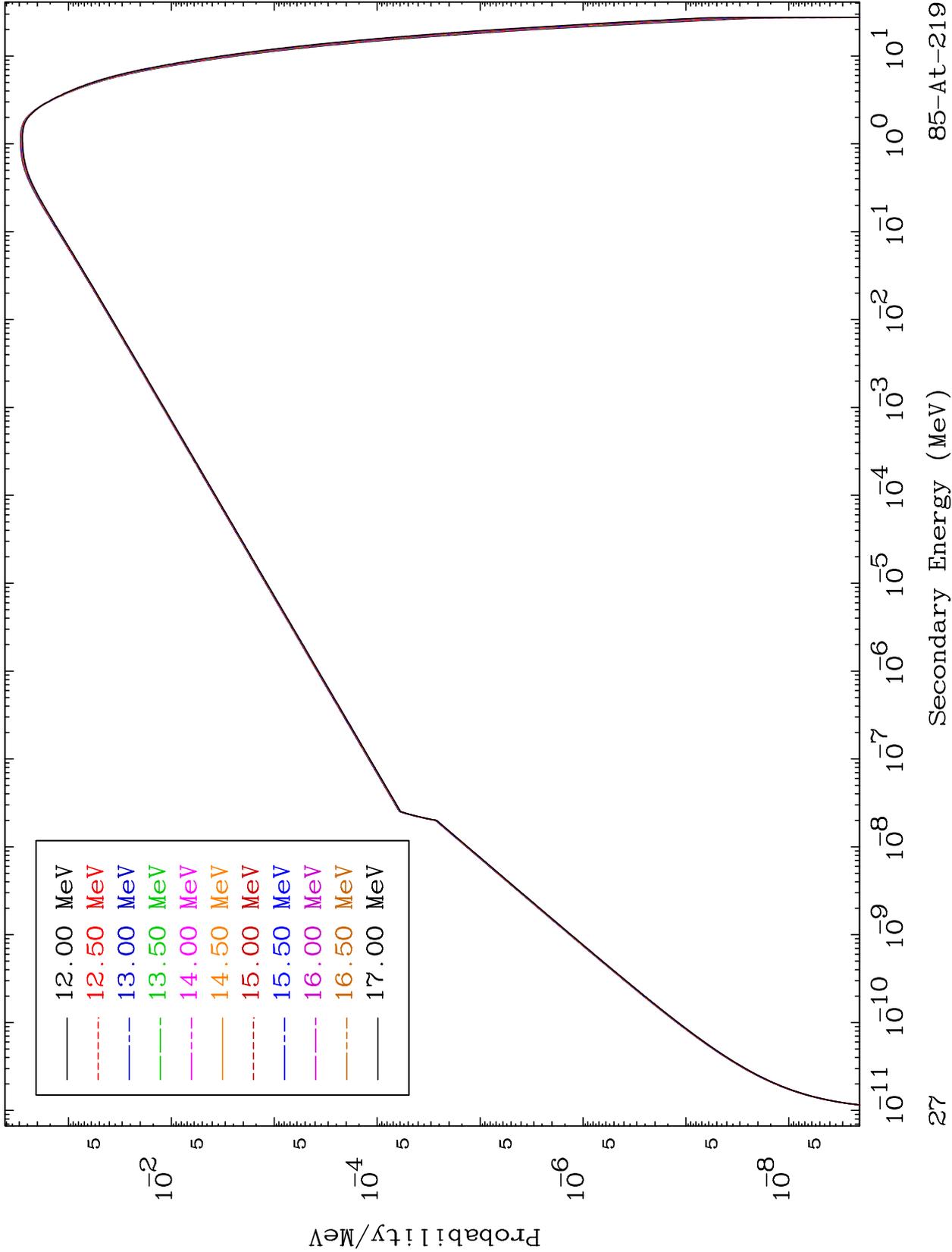
Fission Energy Distributions



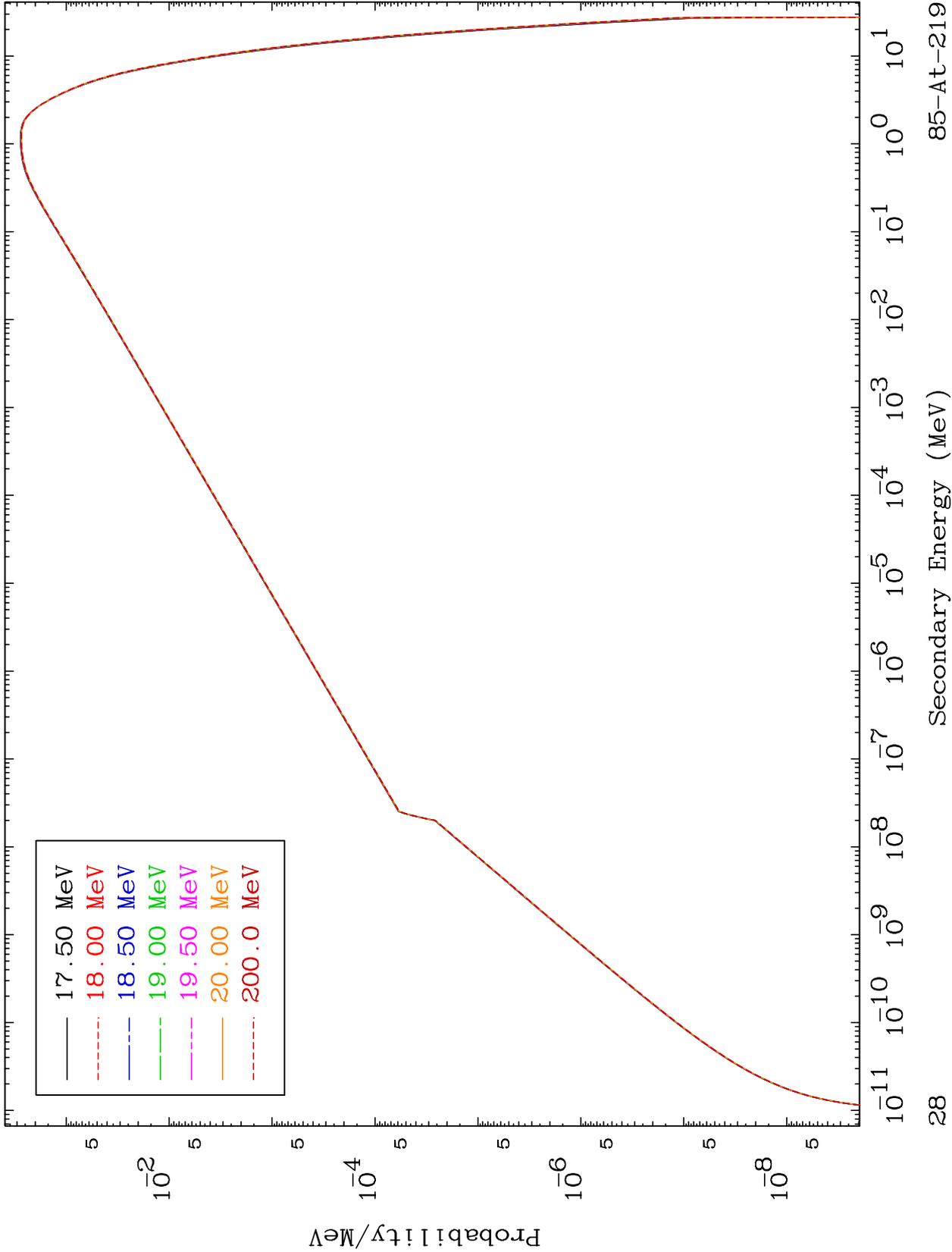
Fission Energy Distributions



Fission Energy Distributions



Fission
Energy Distributions

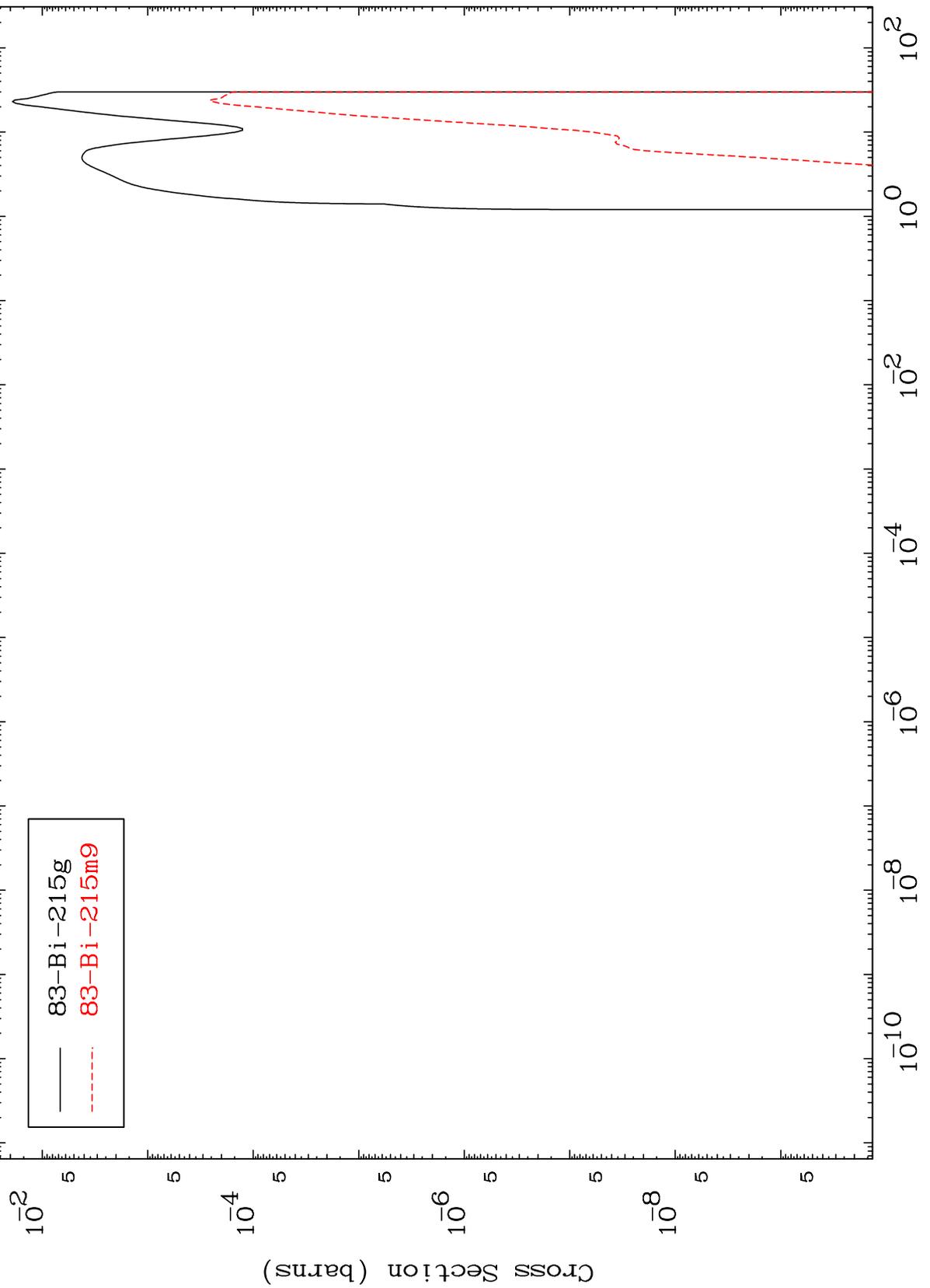


MAT 8573

(n,n') α

85-At-219

Radionuclide Production Cross Section

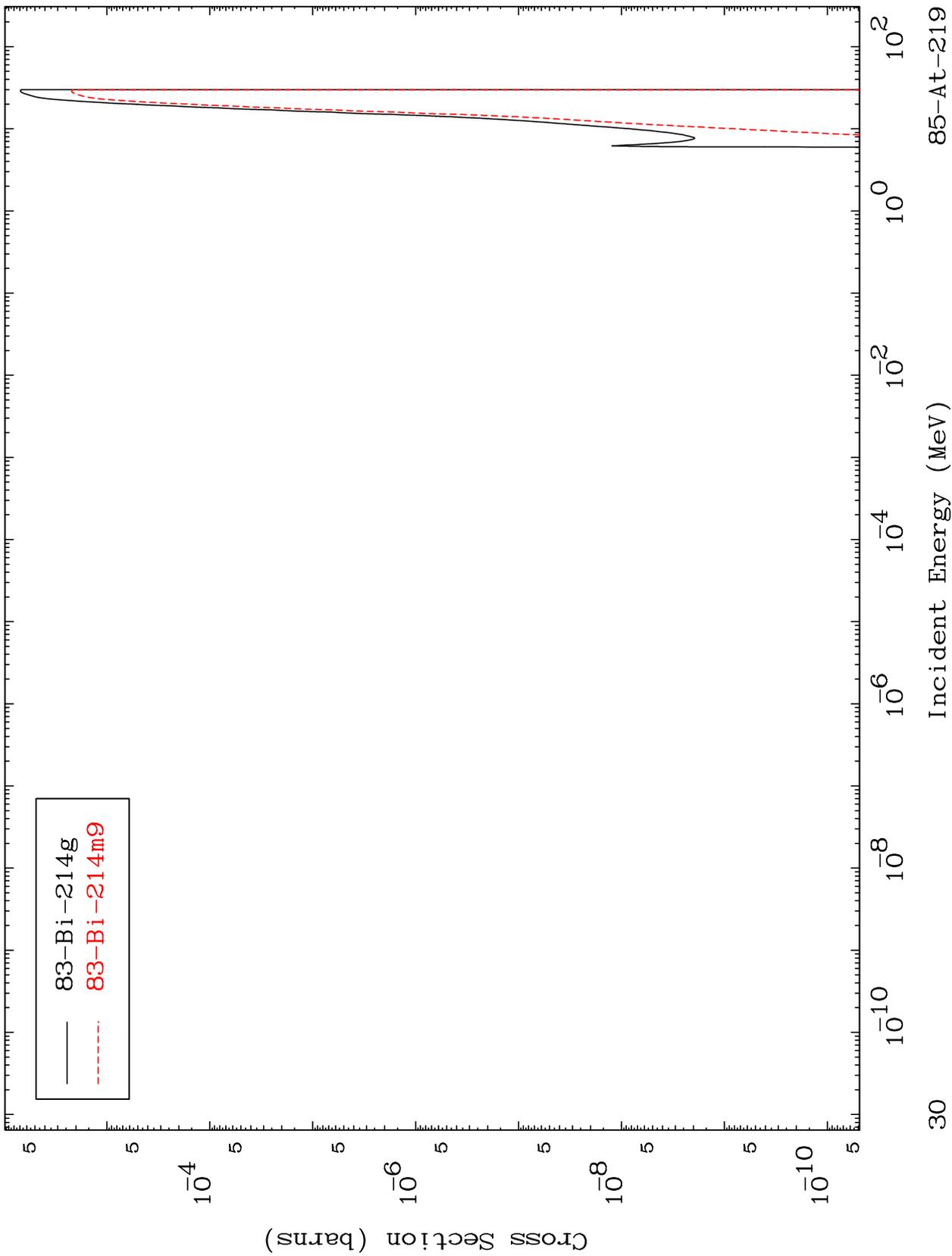


MAT 8573

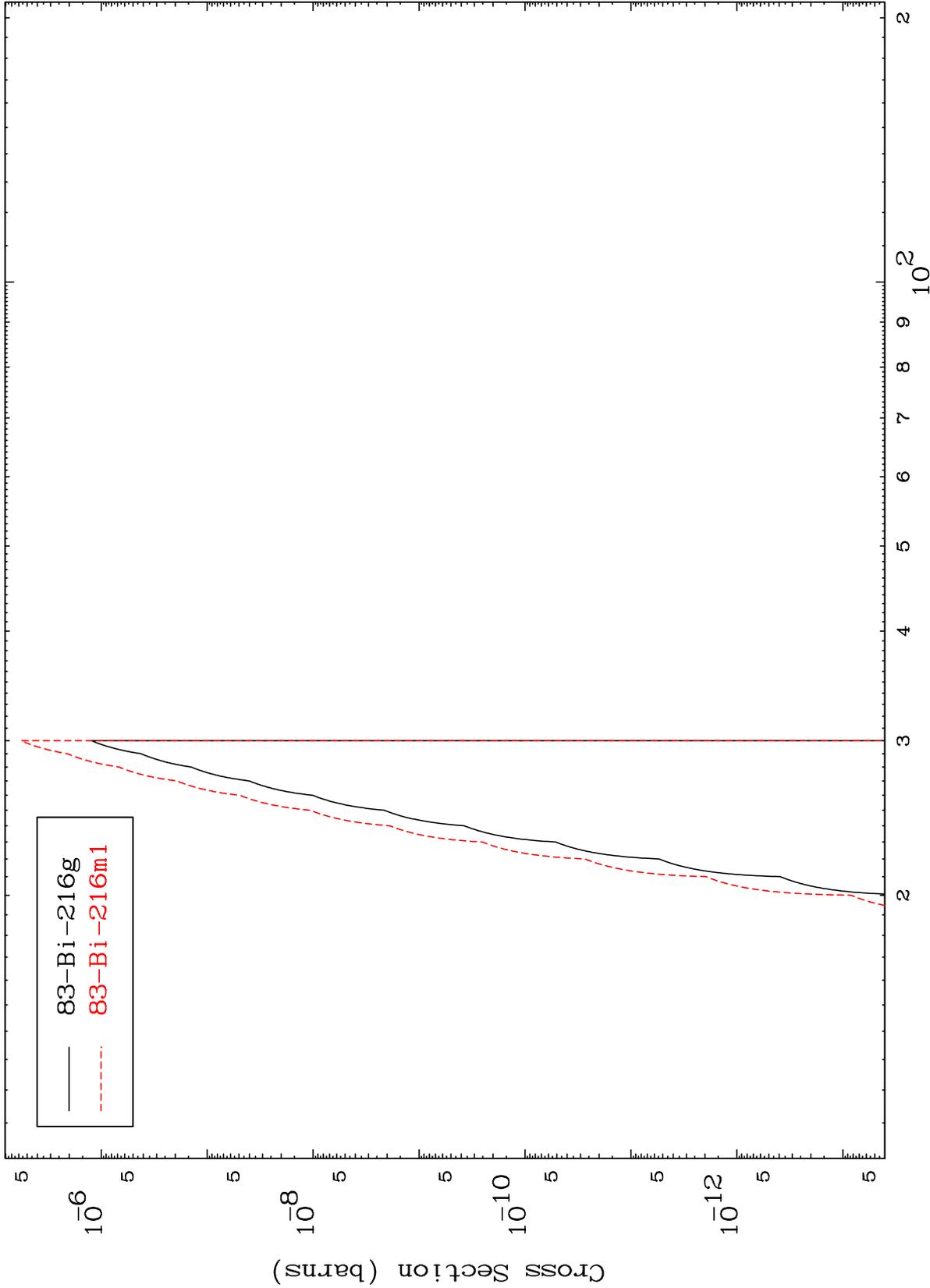
(n,2n) α

85-At-219

Radionuclide Production Cross Section



Radionuclide Production Cross Section

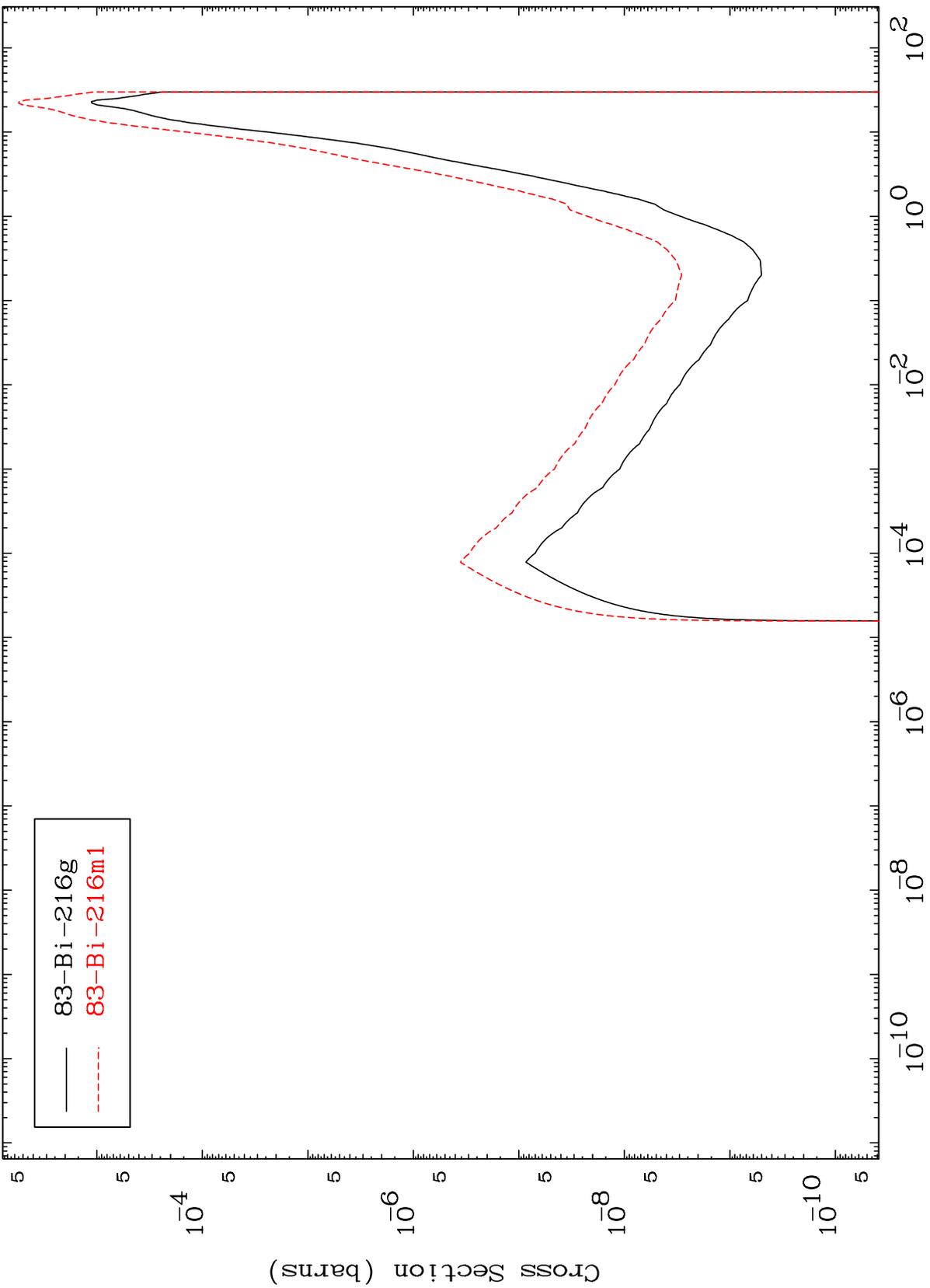


MAT 8573

(n, α)

85-At-219

Radionuclide Production Cross Section



32

Incident Energy (MeV)

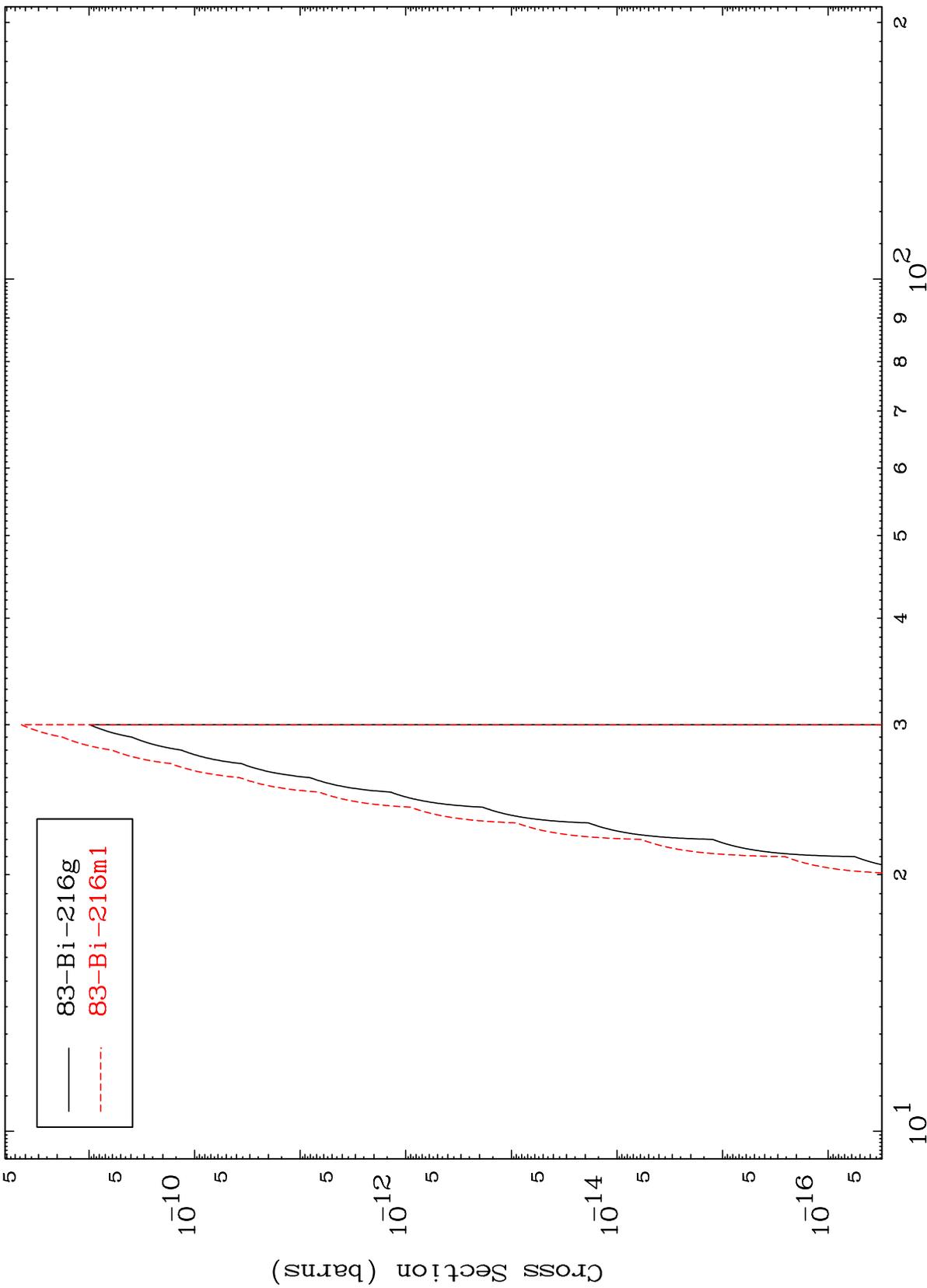
85-At-219

MAT 8573

(n,p) t

85-At-219

Radionuclide Production Cross Section



33

Incident Energy (MeV)

85-At-219