

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

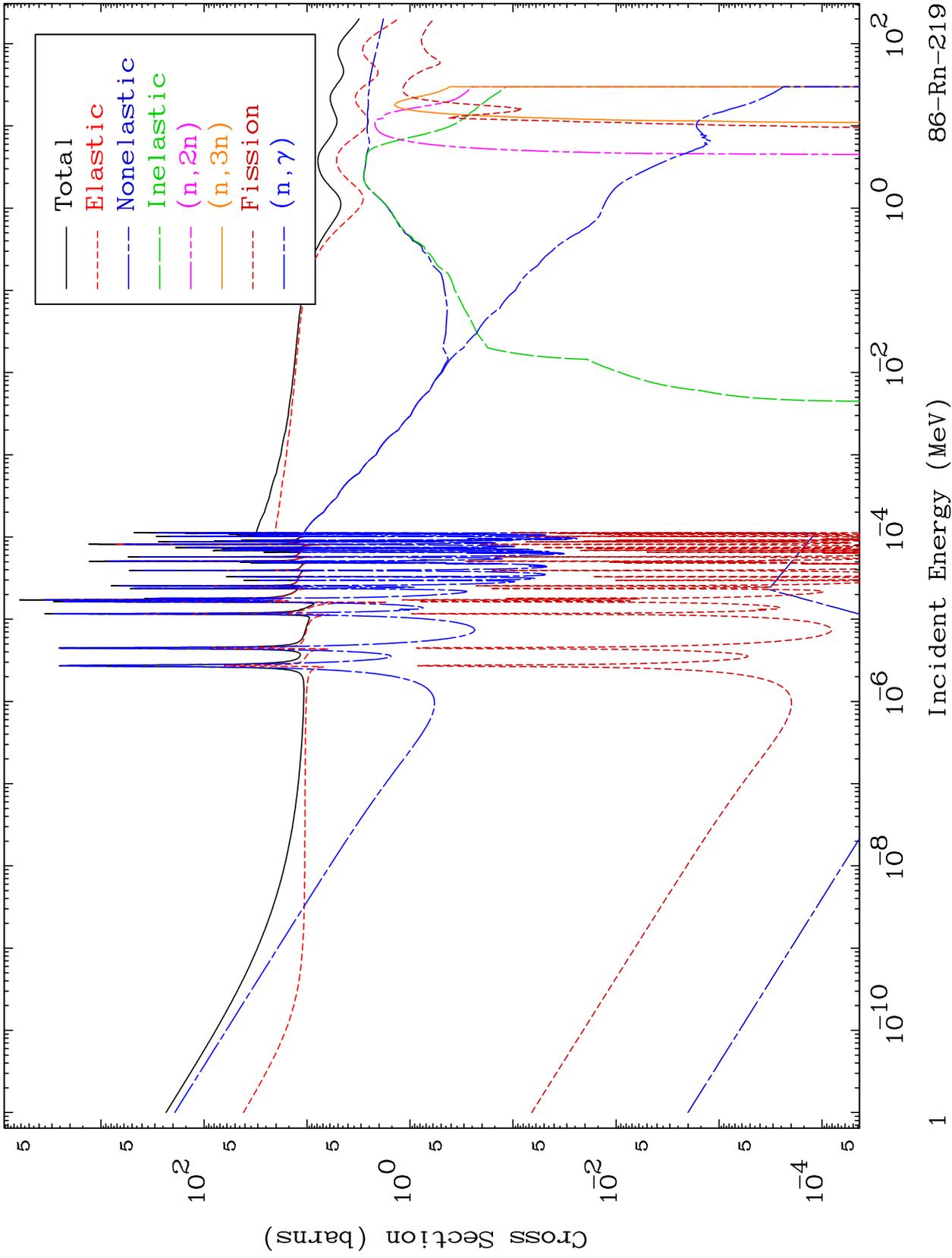
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

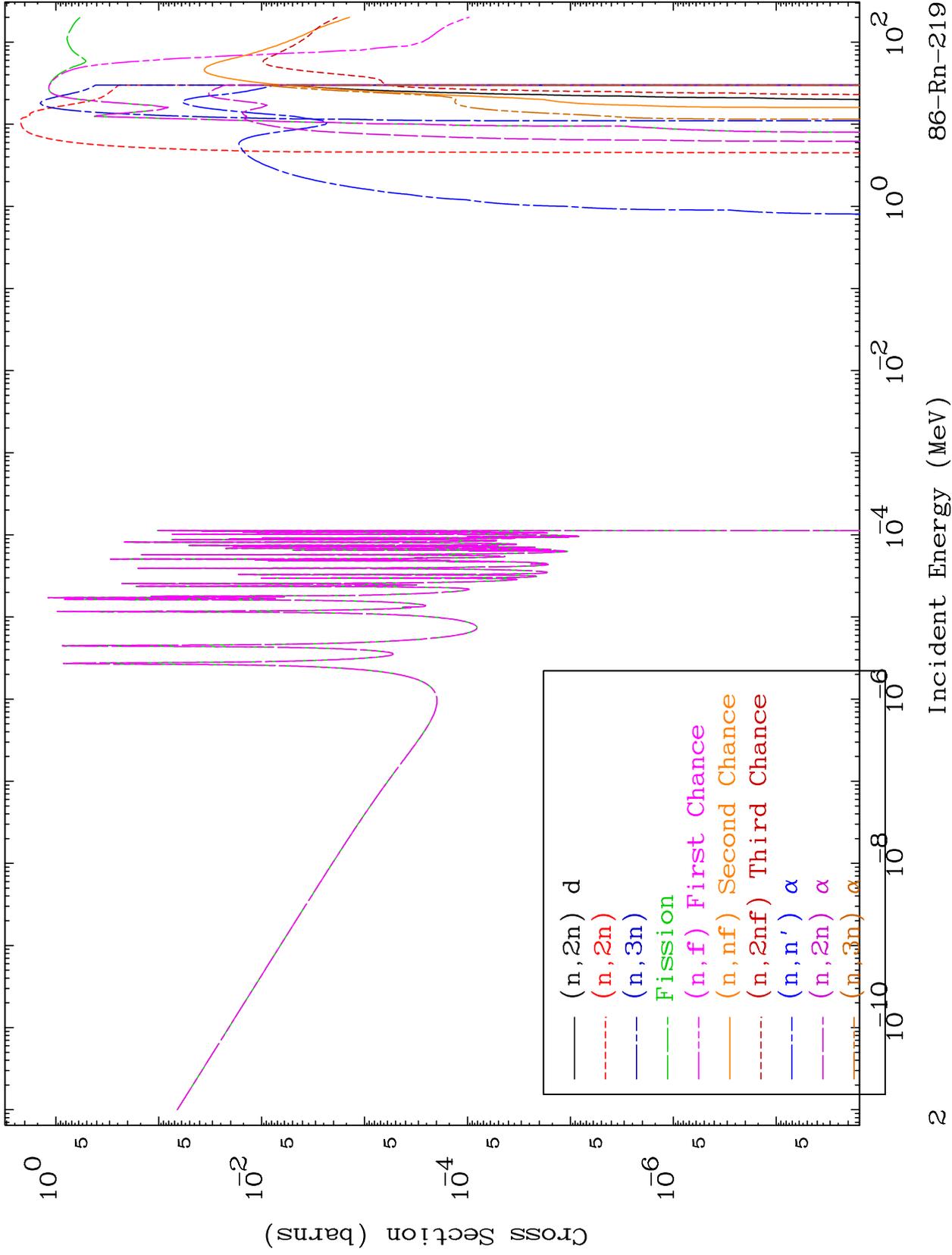
Press Mouse Button to Start



MAT 8649

Neutron Absorption
293 Kelvin Cross Sections

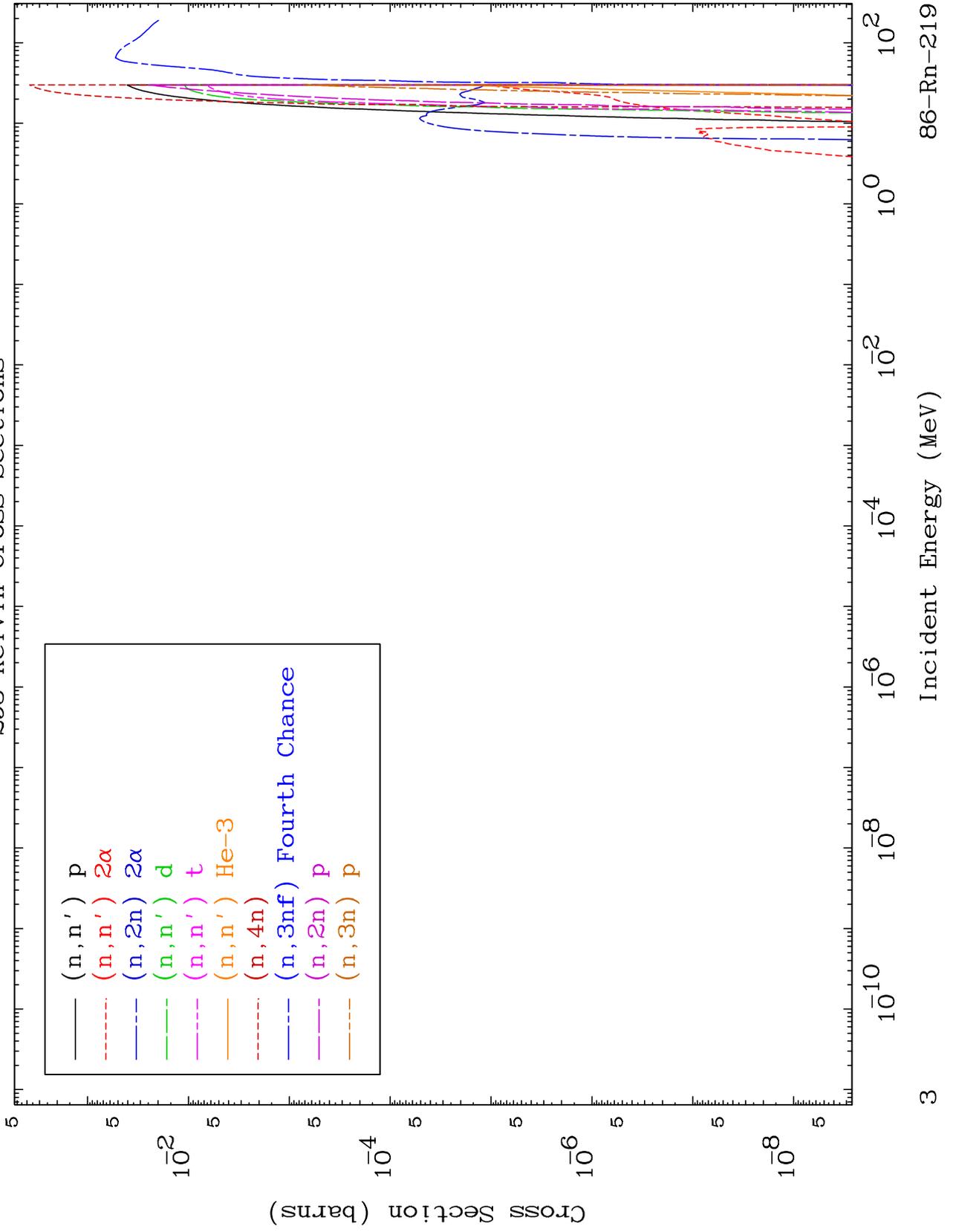
86-Rn-219

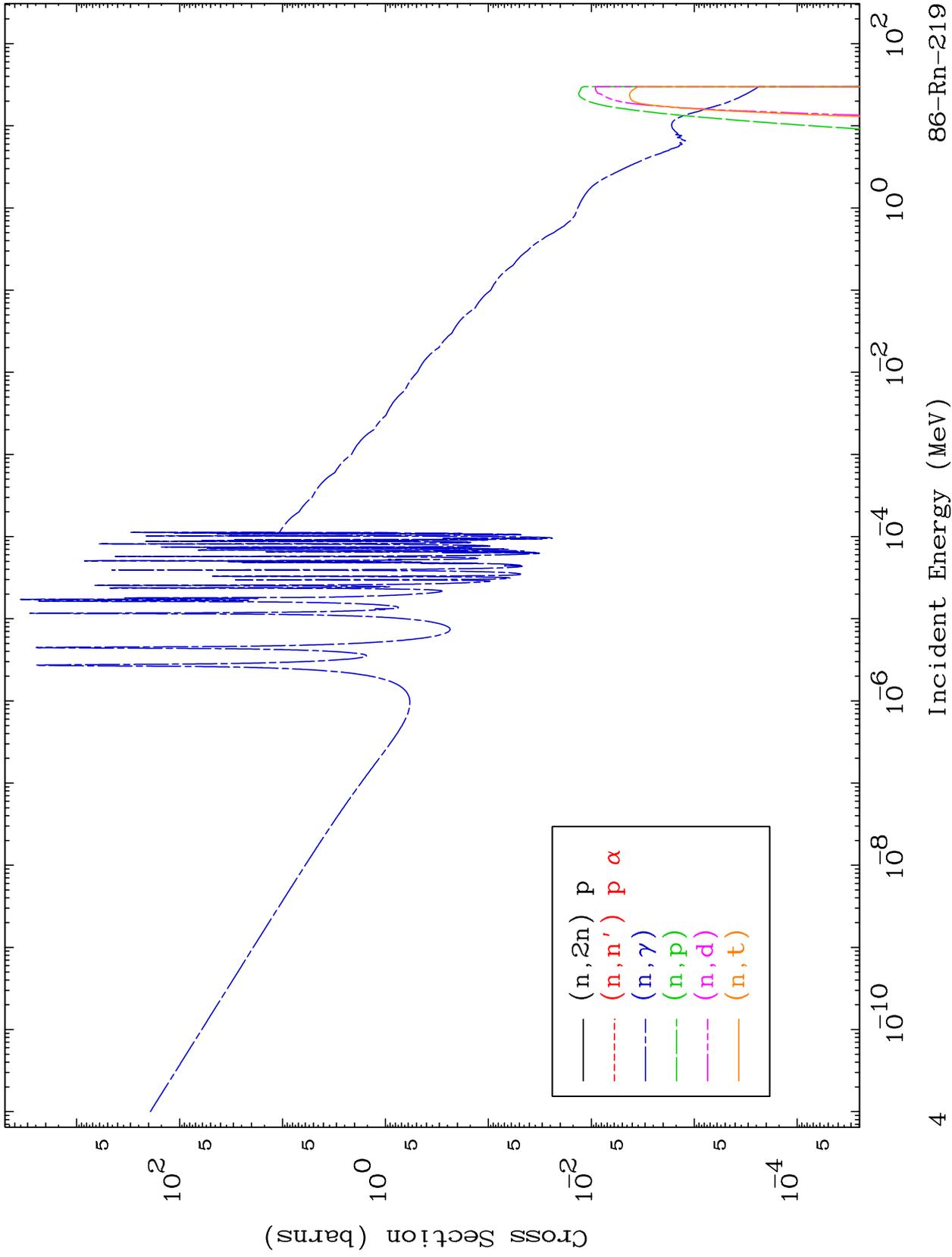


MAT 8649

Neutron Absorption
293 Kelvin Cross Sections

86-Rn-219

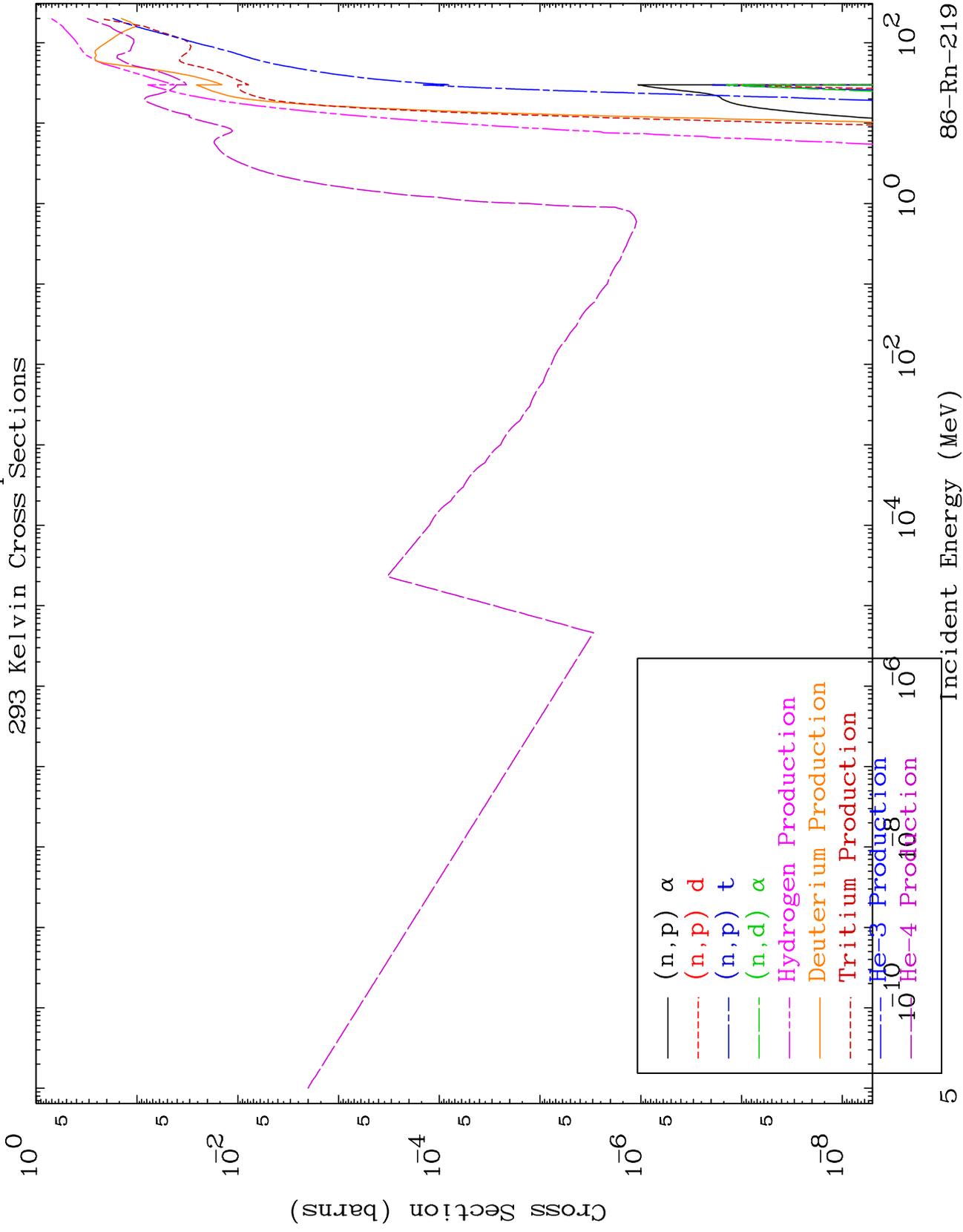




MAT 8649

Neutron Absorption
293 Kelvin Cross Sections

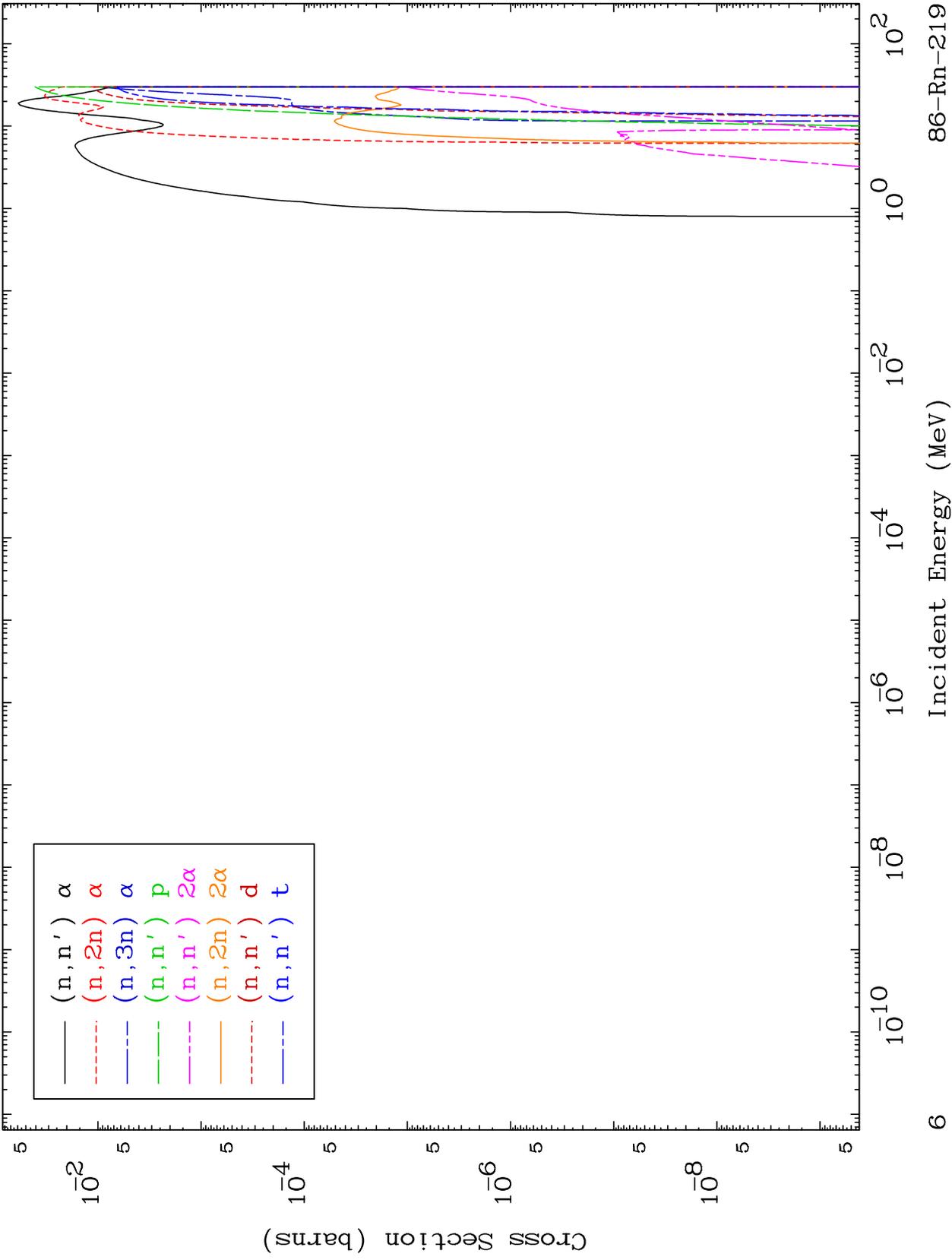
86-Rn-219



MAT 8649

Charged Particle
293 Kelvin Cross Sections

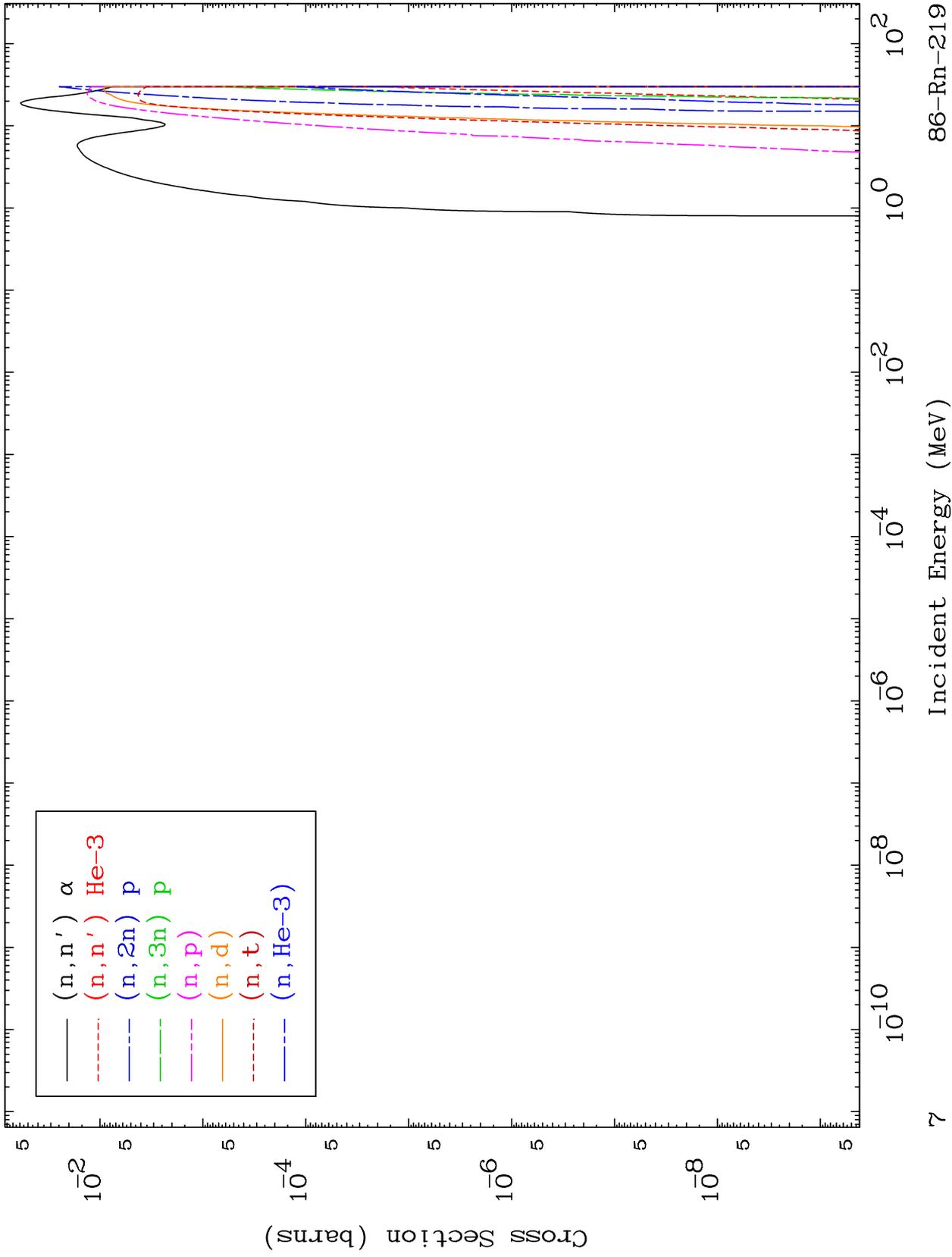
86-Rn-219



MAT 8649

Charged Particle
293 Kelvin Cross Sections

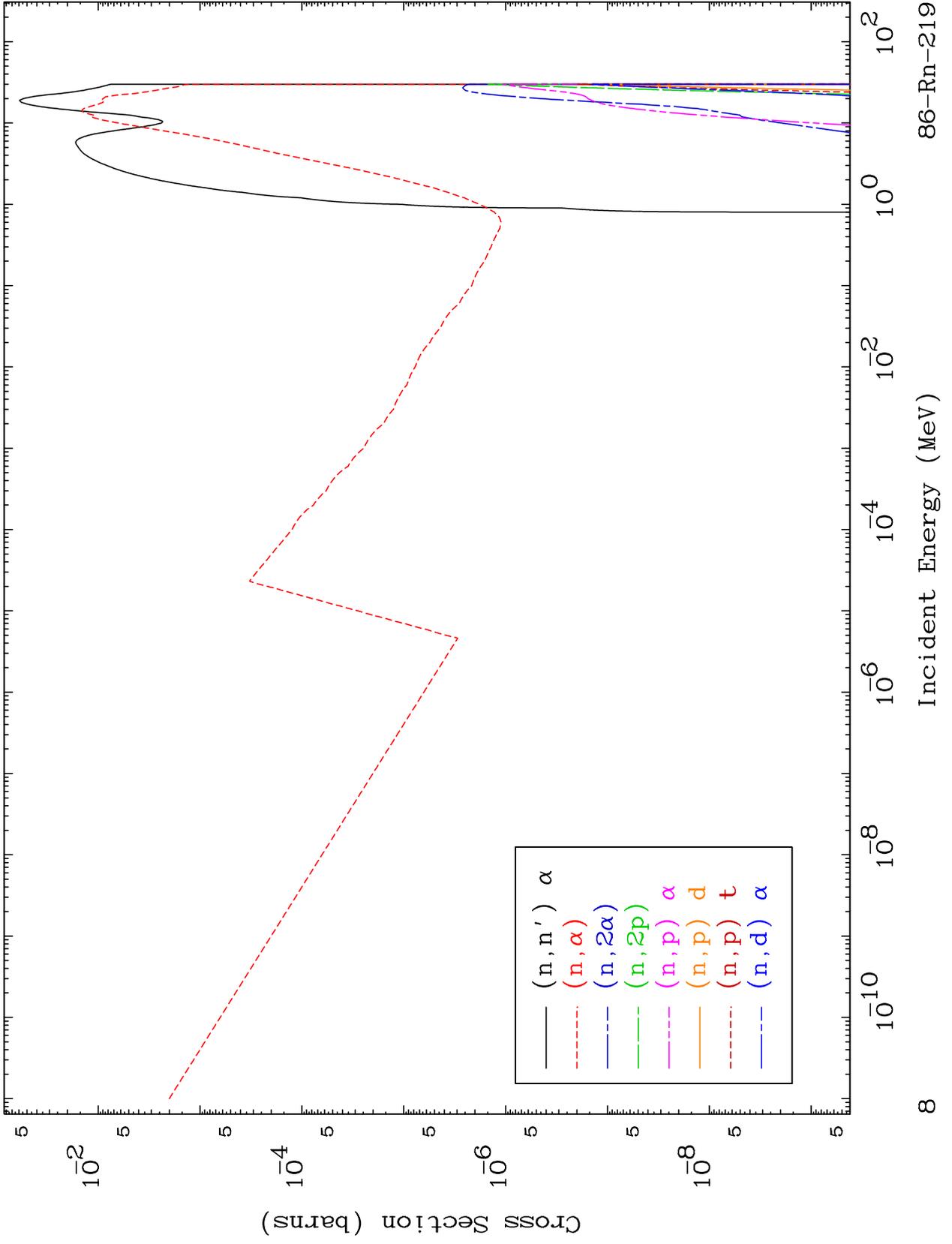
86-Rn-219



MAT 8649

Charged Particle
293 Kelvin Cross Sections

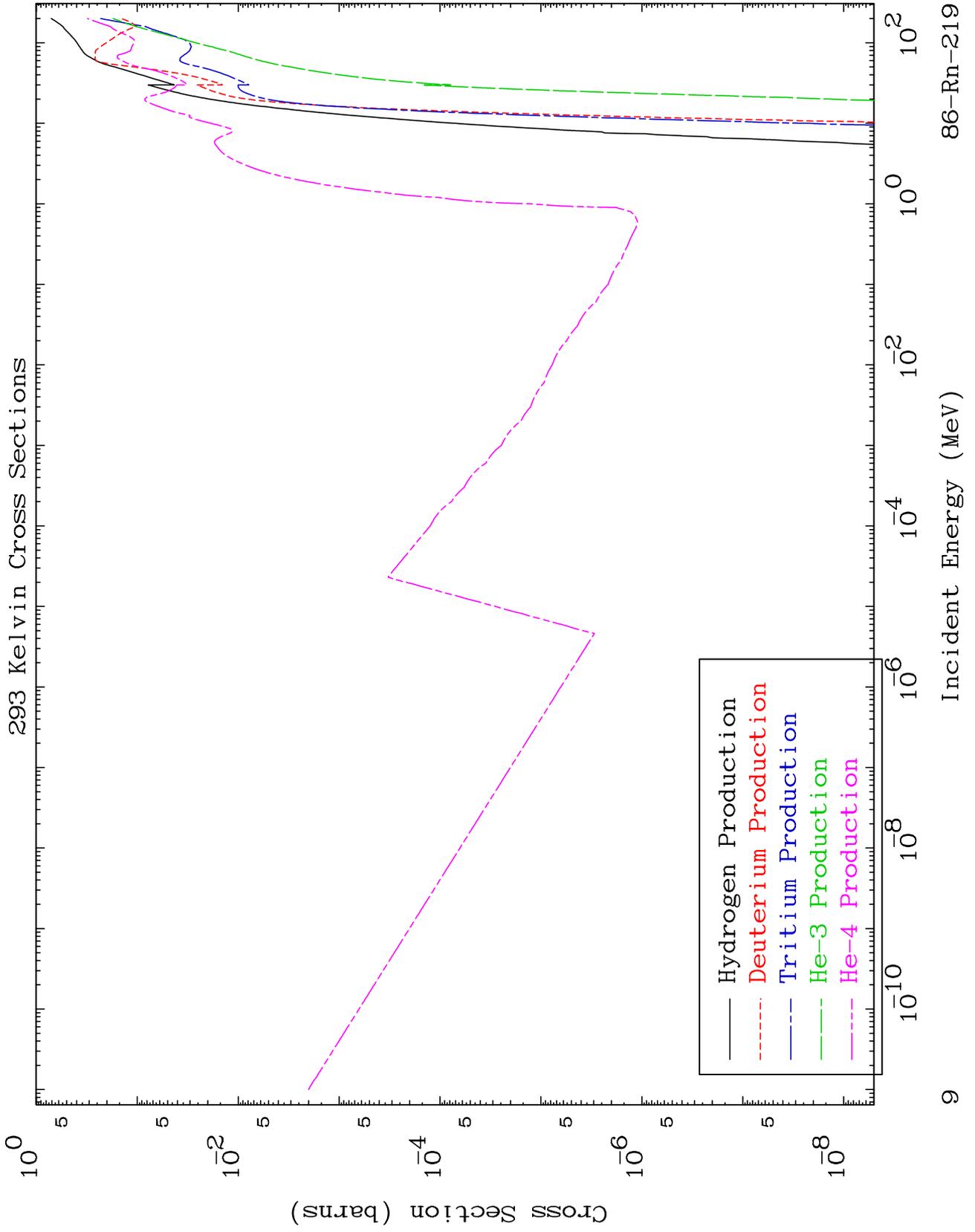
86-Rn-219



MAT 8649

Particle Production
293 Kelvin Cross Sections

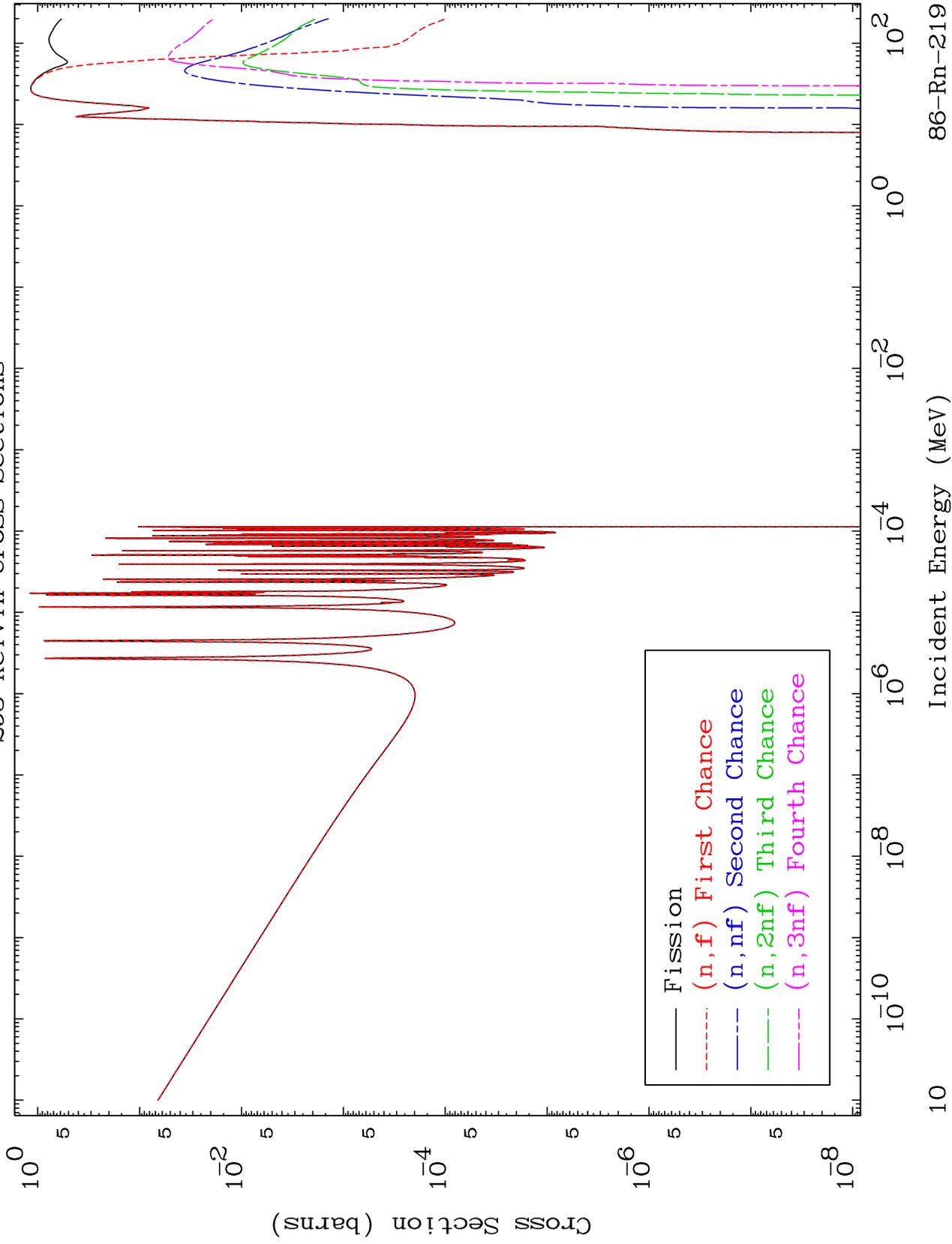
86-Rn-219



MAT 8649

Fission
293 Kelvin Cross Sections

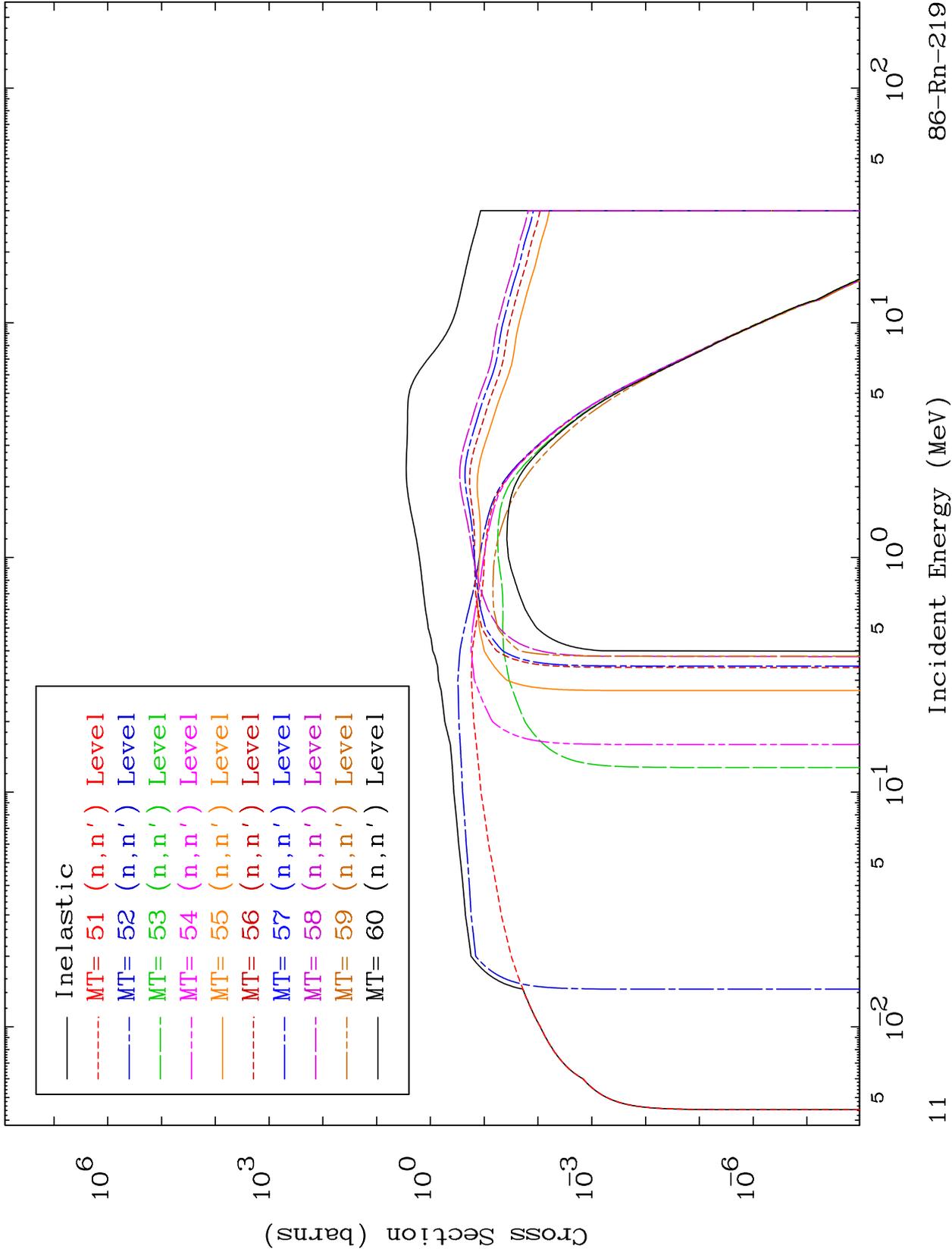
86-Rn-219



10

Incident Energy (MeV)

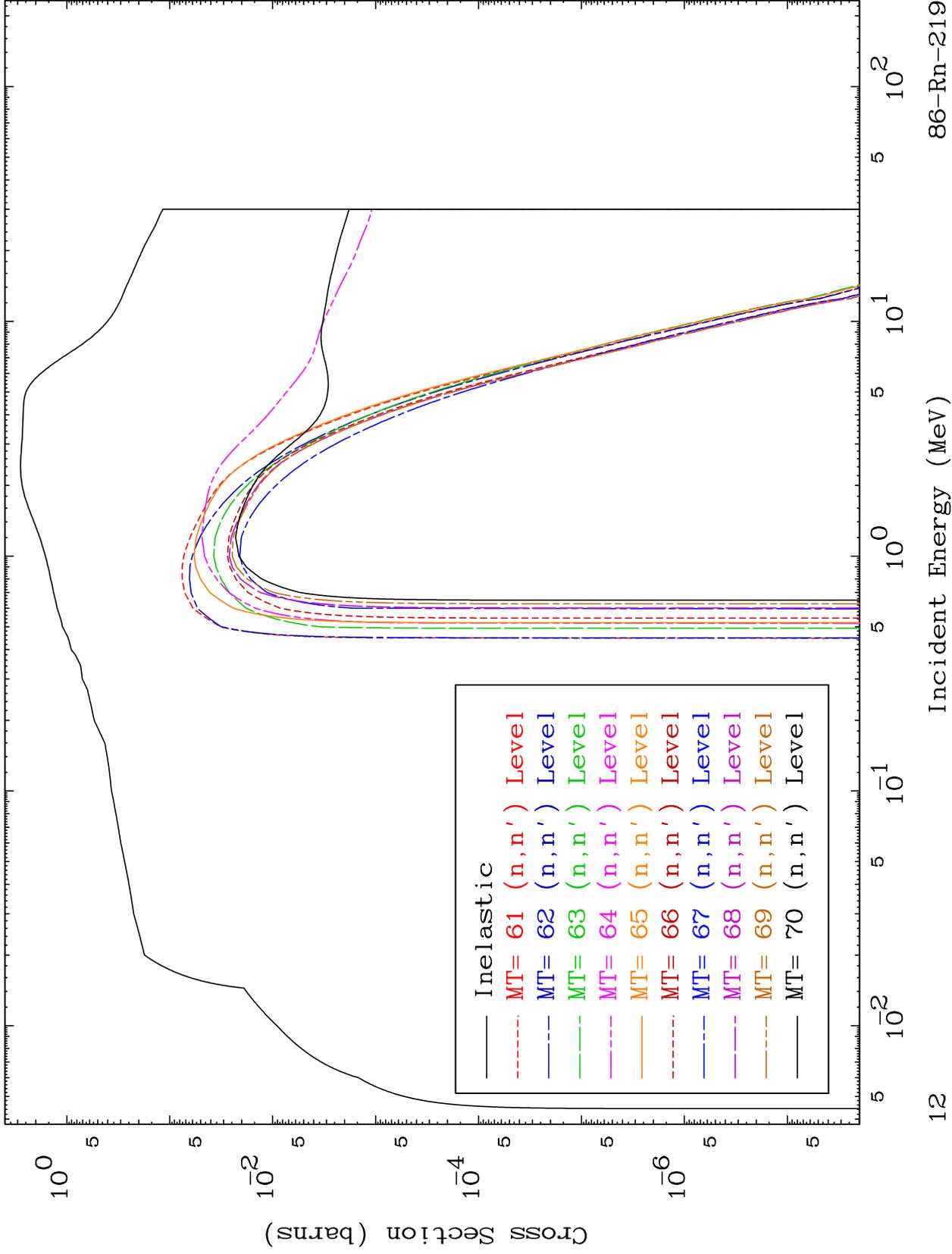
86-Rn-219



MAT 8649

(n,n') Levels
293 Kelvin Cross Sections

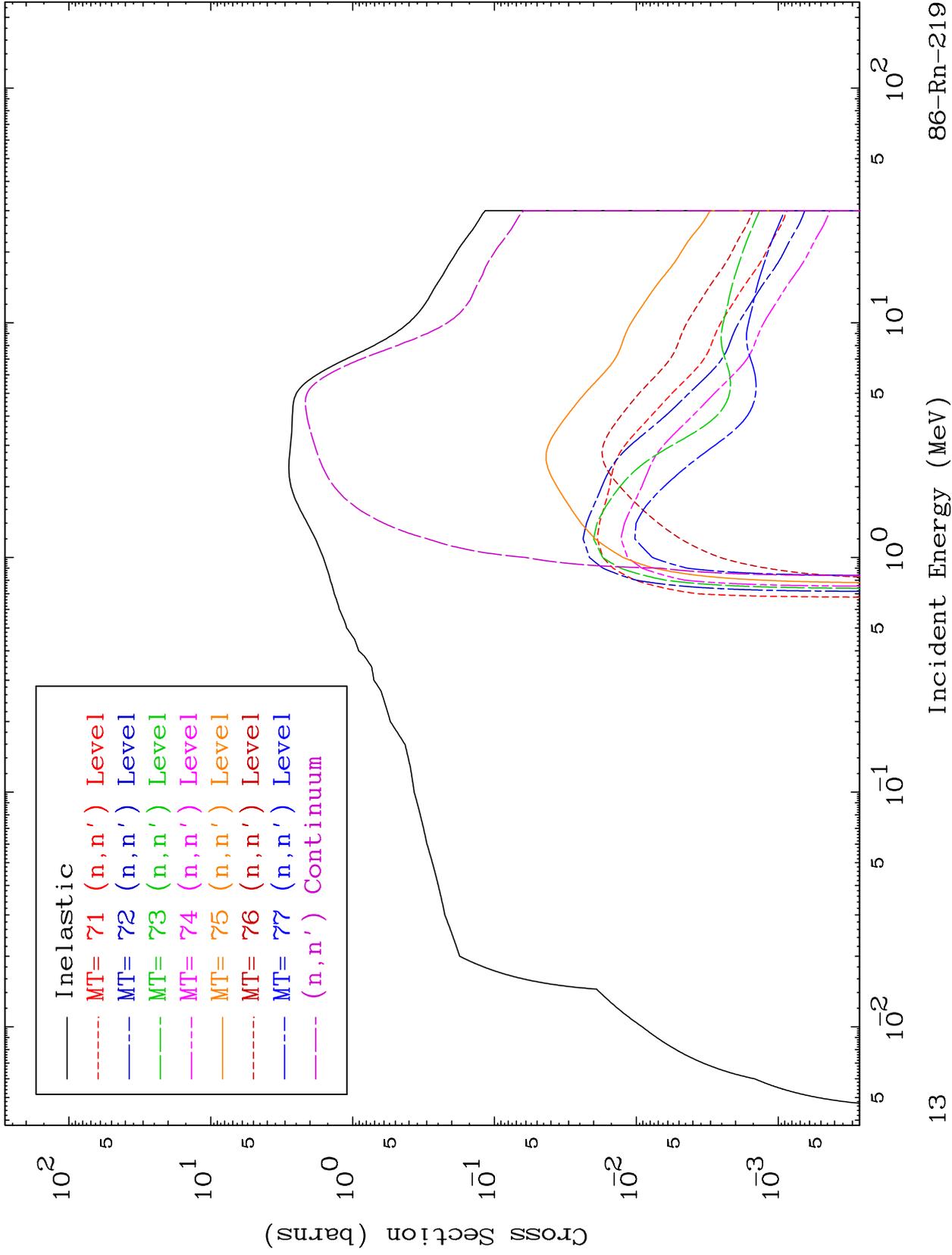
86-Rn-219



12

Incident Energy (MeV)

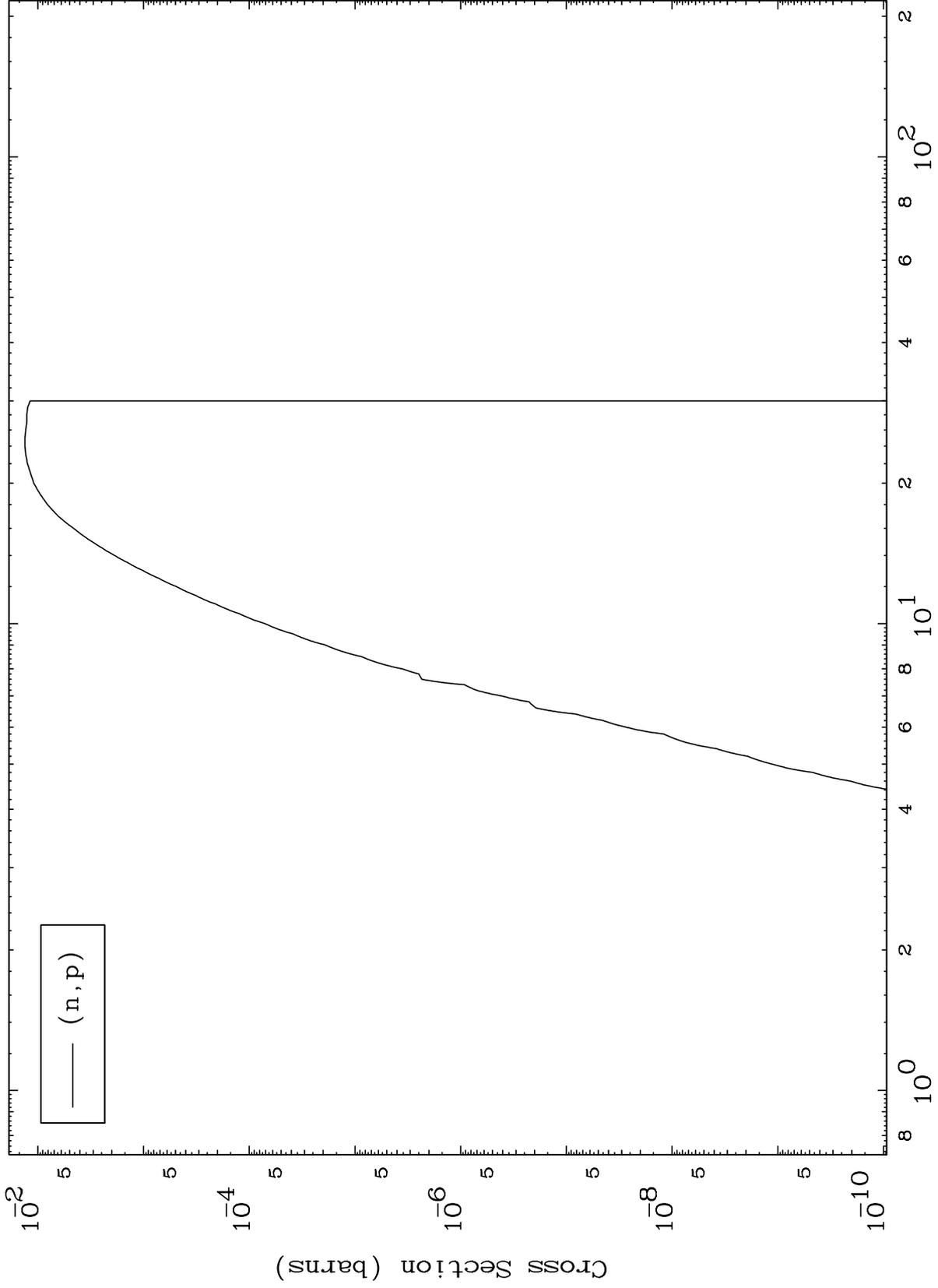
86-Rn-219



MAT 8649

(n,p) Levels
293 Kelvin Cross Sections

86-Rn-219



14

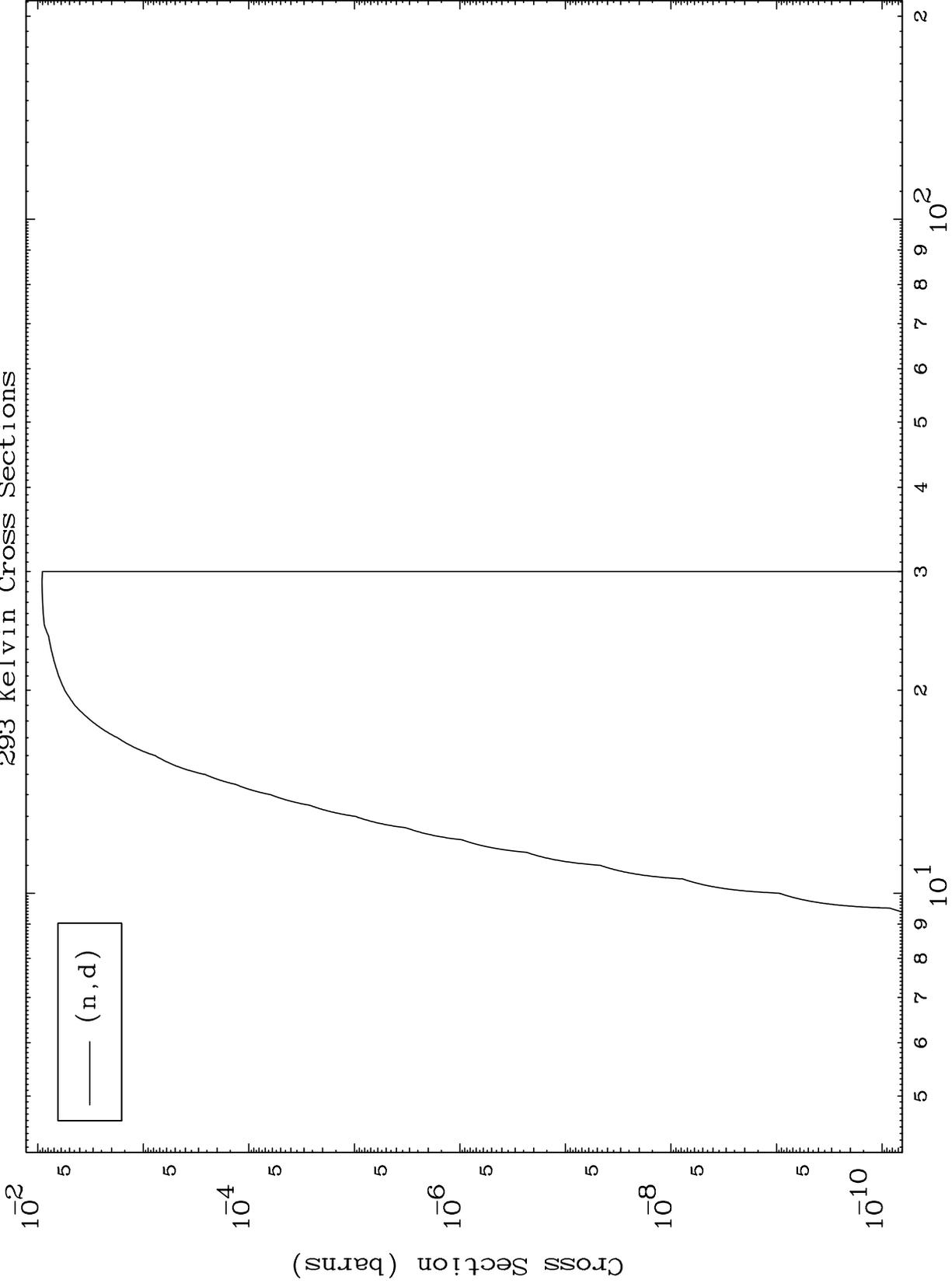
Incident Energy (MeV)

86-Rn-219

MAT 8649

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-219



15

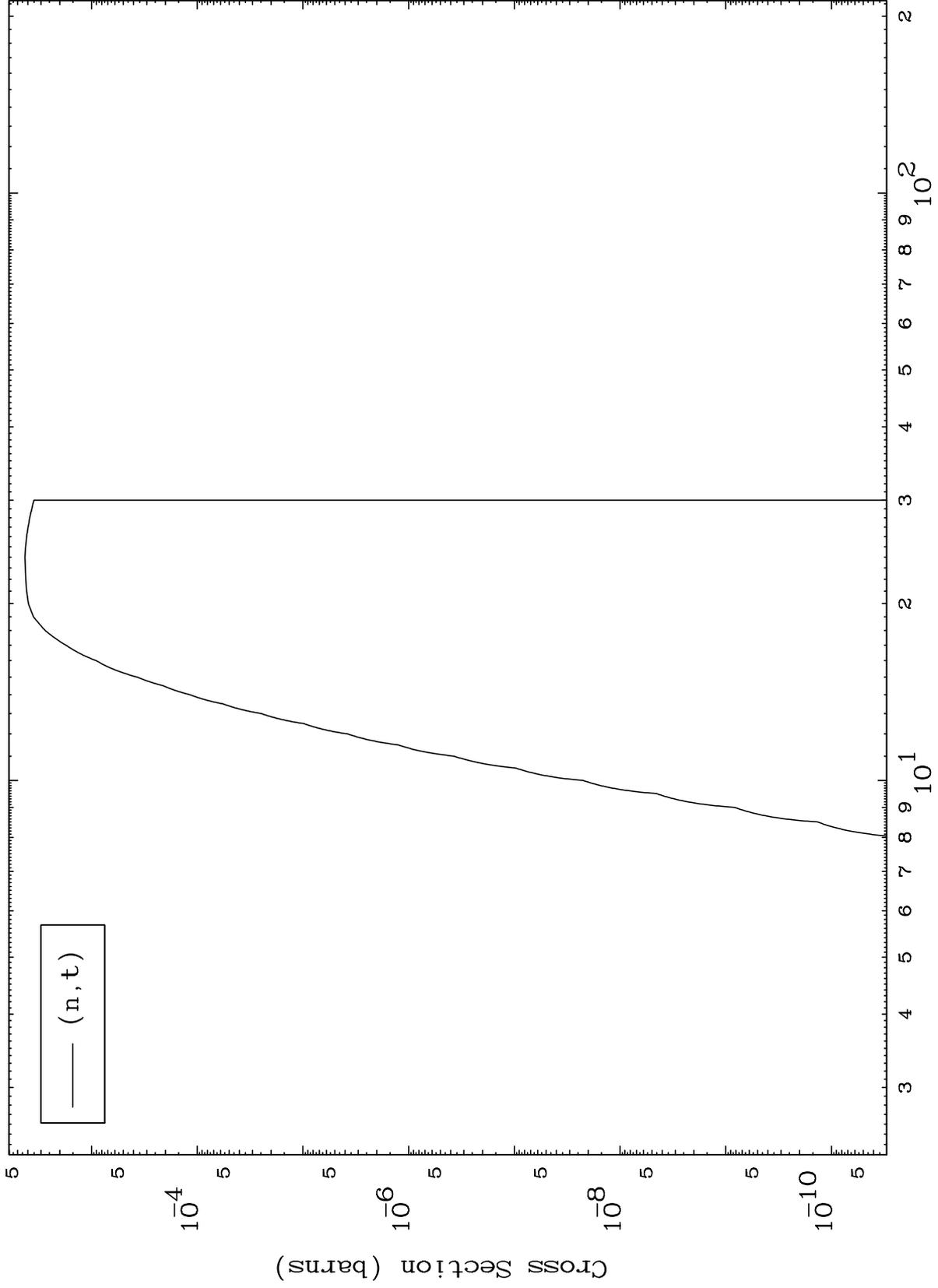
Incident Energy (MeV)

86-Rn-219

MAT 8649

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-219



16

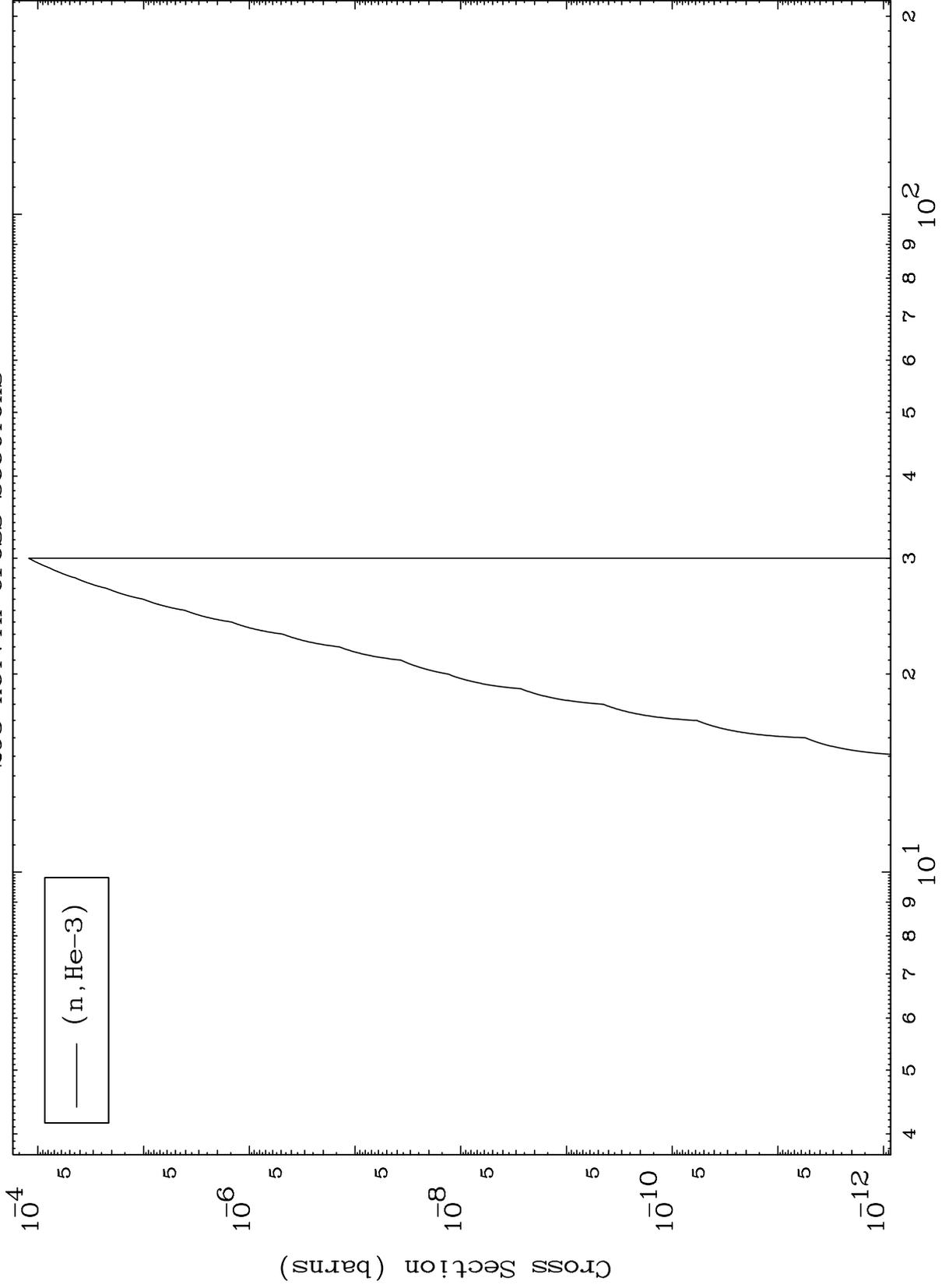
Incident Energy (MeV)

86-Rn-219

MAT 8649

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-219



17

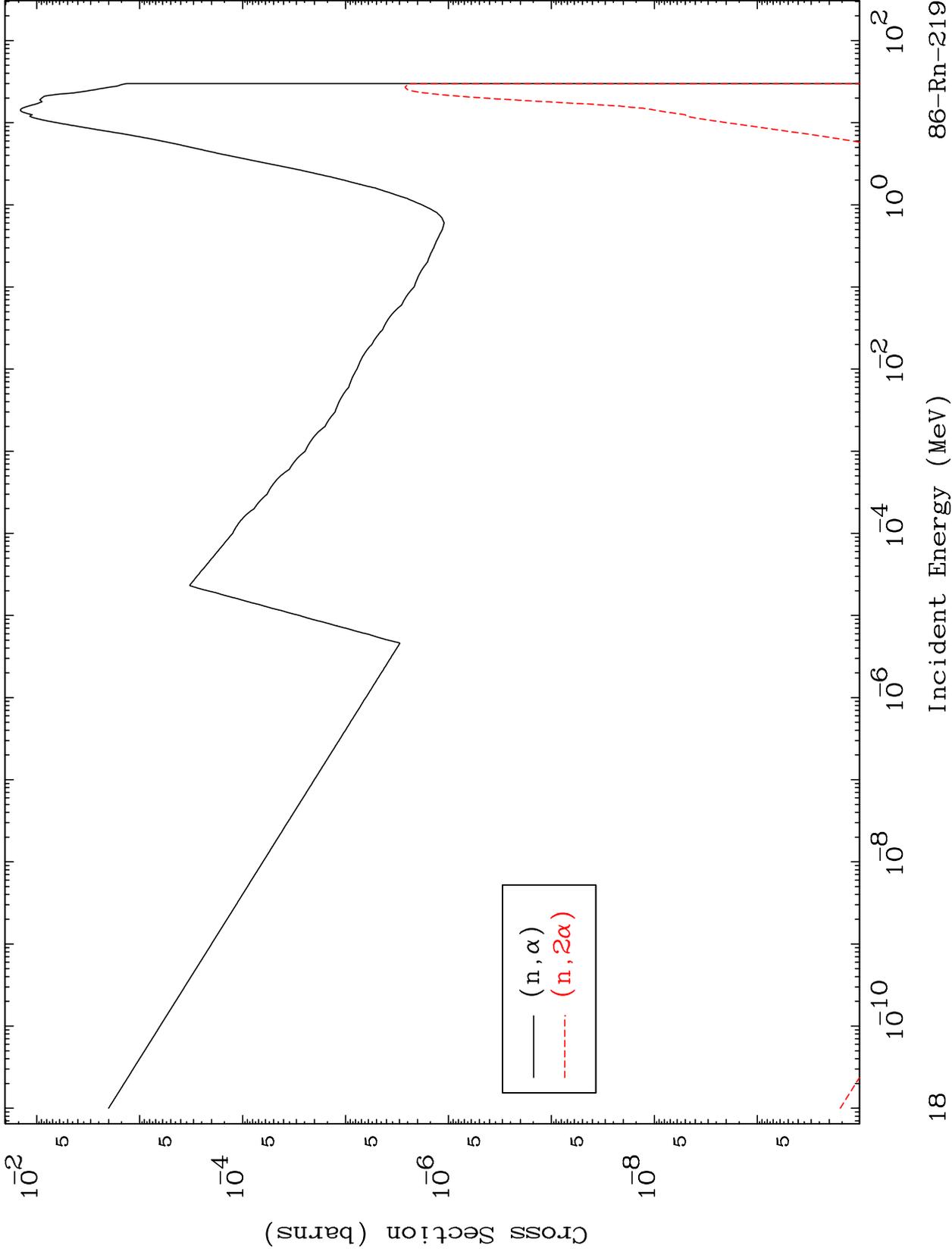
Incident Energy (MeV)

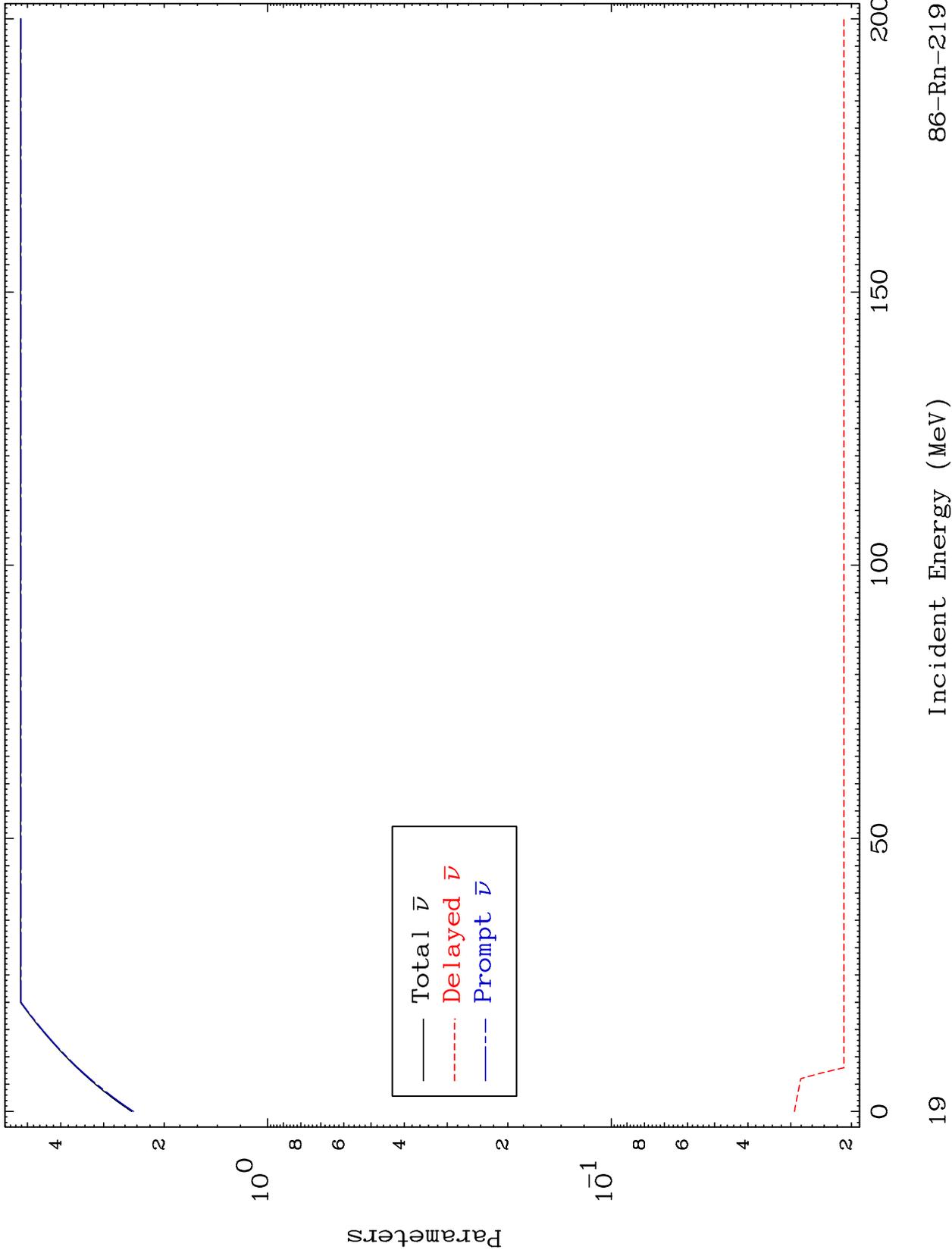
86-Rn-219

MAT 8649

(n, α) Levels
293 Kelvin Cross Sections

86-Rn-219

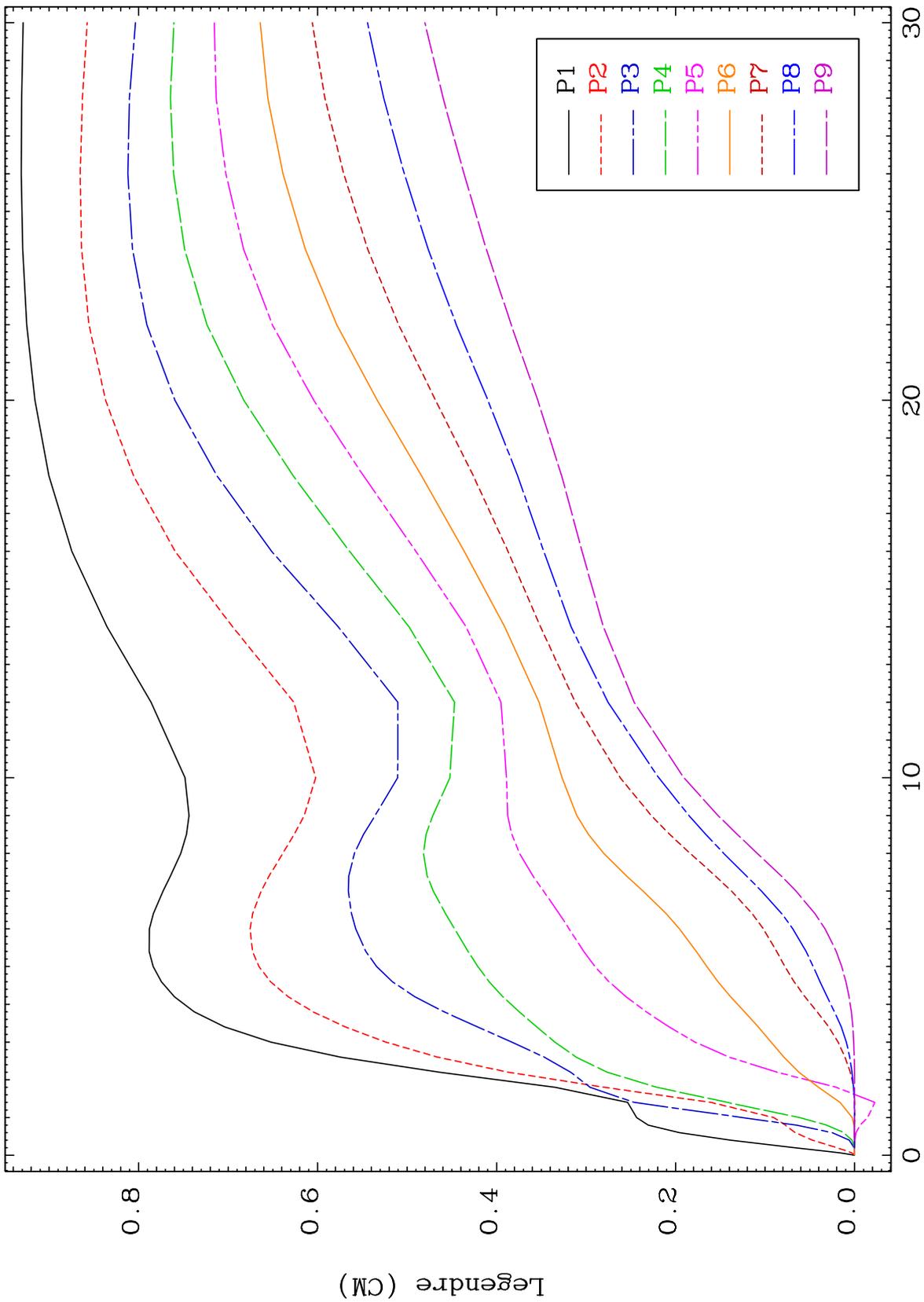




MAT 8649

86-Rn-219

Elastic Legendre Coefficients



86-Rn-219

Incident Energy (MeV)

20

30

20

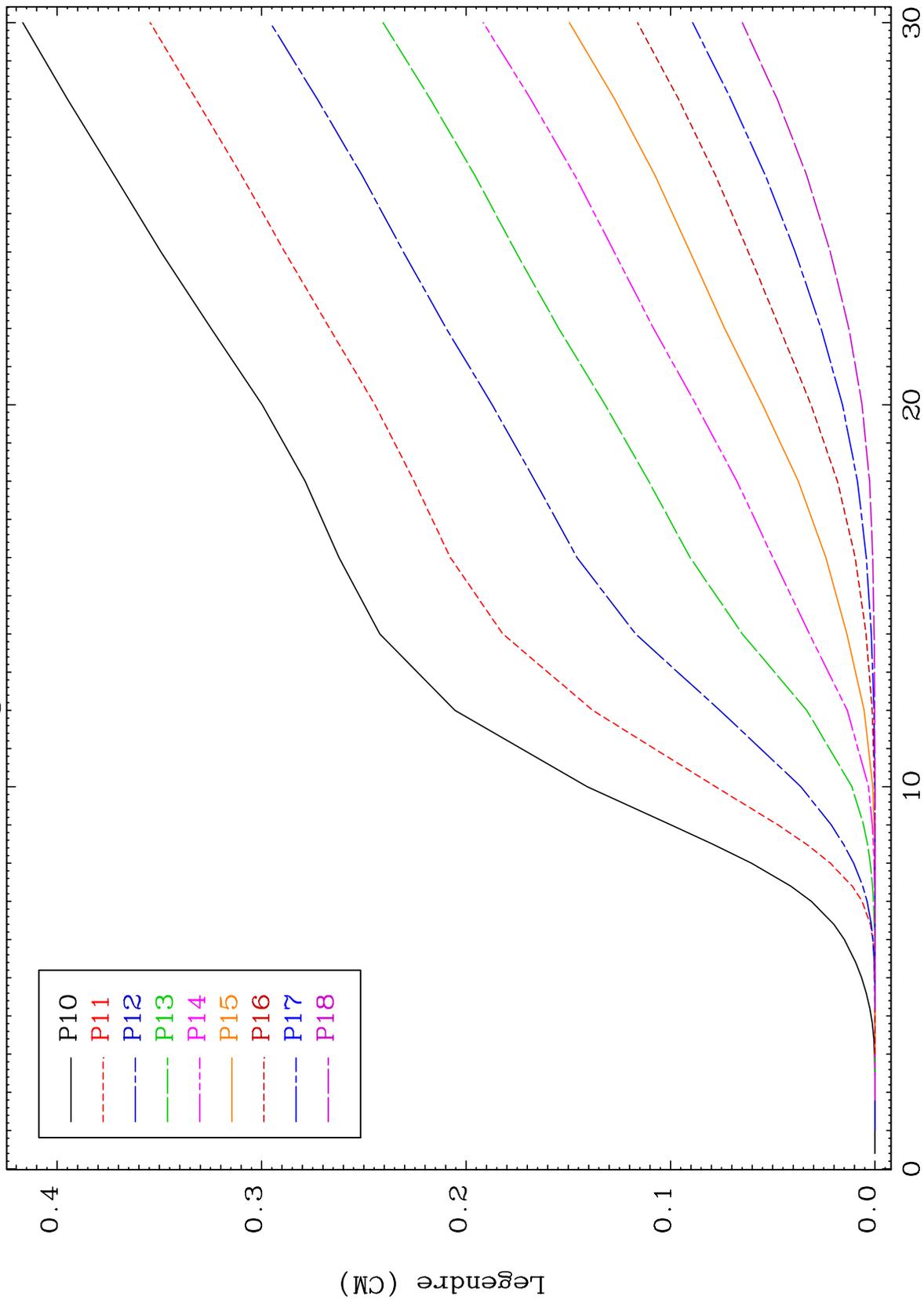
10

0

MAT 8649

Elastic Legendre Coefficients

86-Rn-219



21

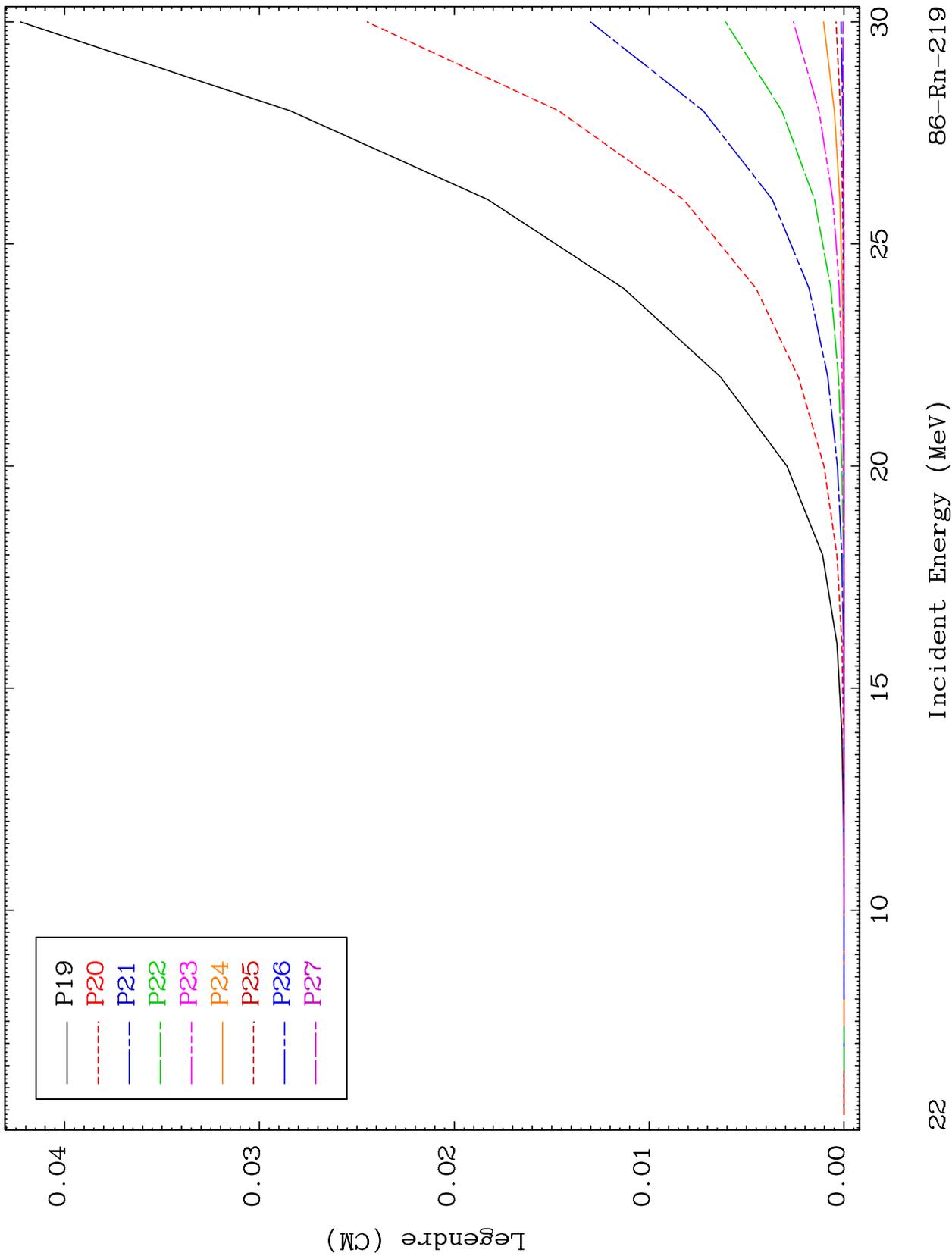
Incident Energy (MeV)

86-Rn-219

MAT 8649

Elastic Legendre Coefficients

86-Rn-219



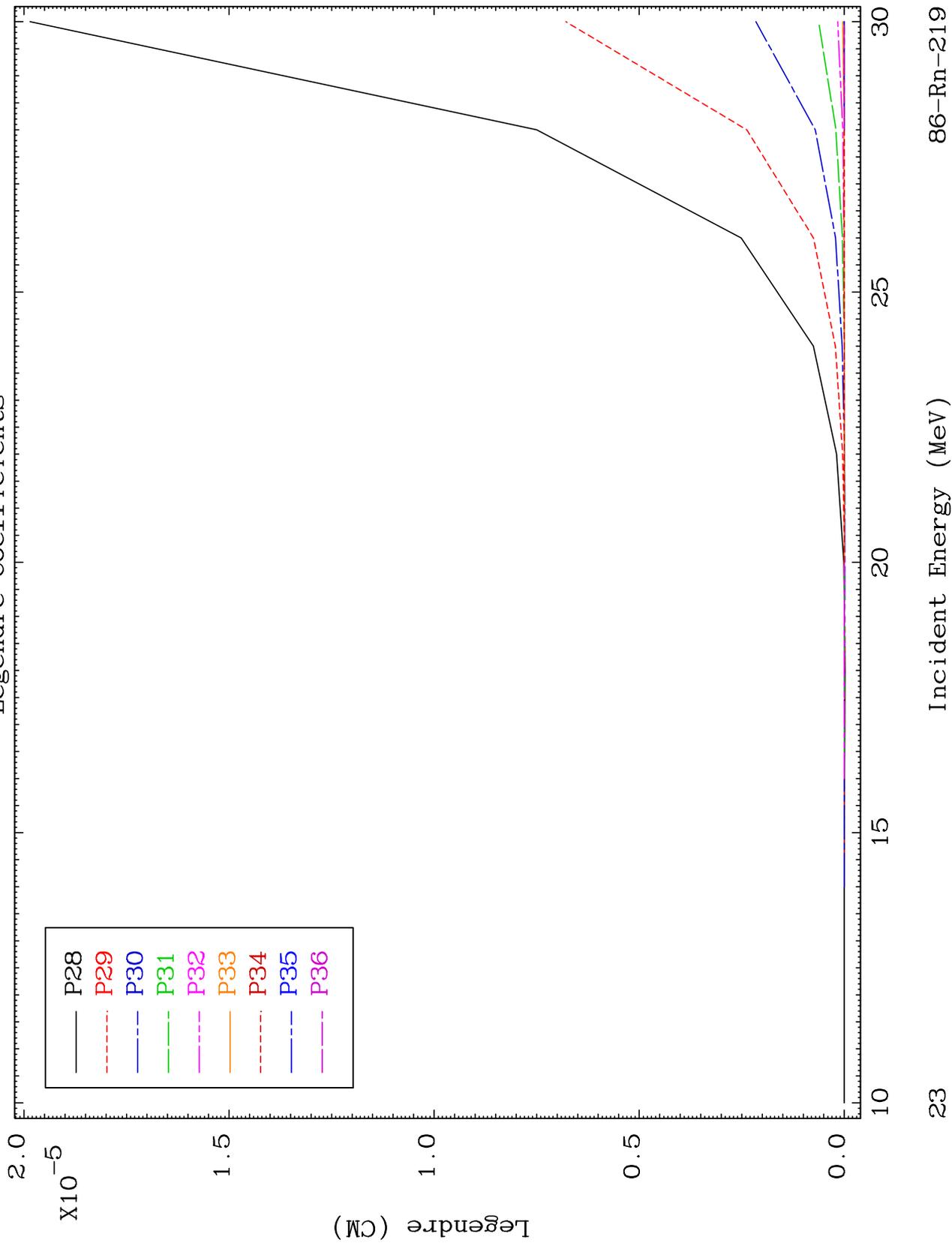
22

86-Rn-219

MAT 8649

Elastic Legendre Coefficients

86-Rn-219

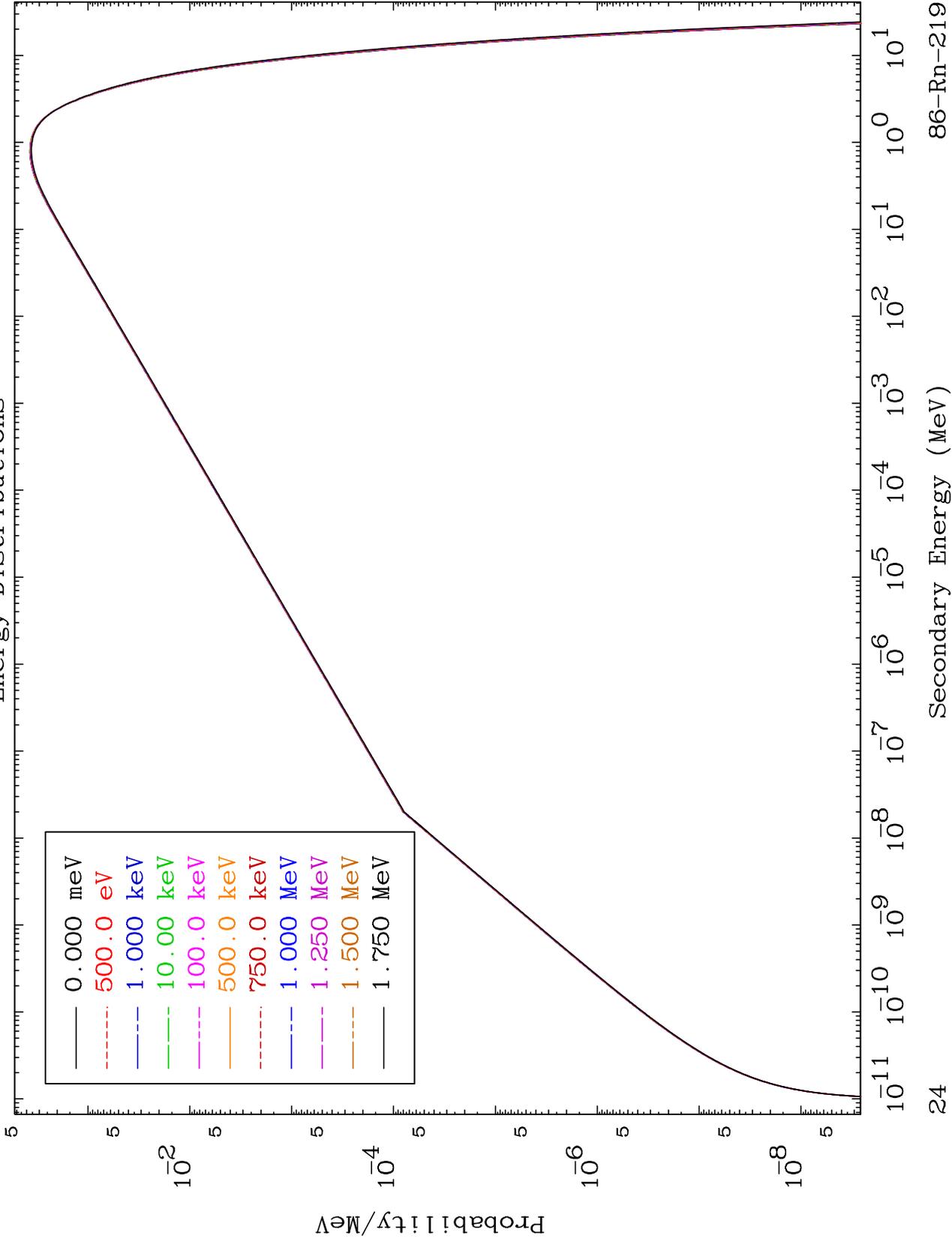


23

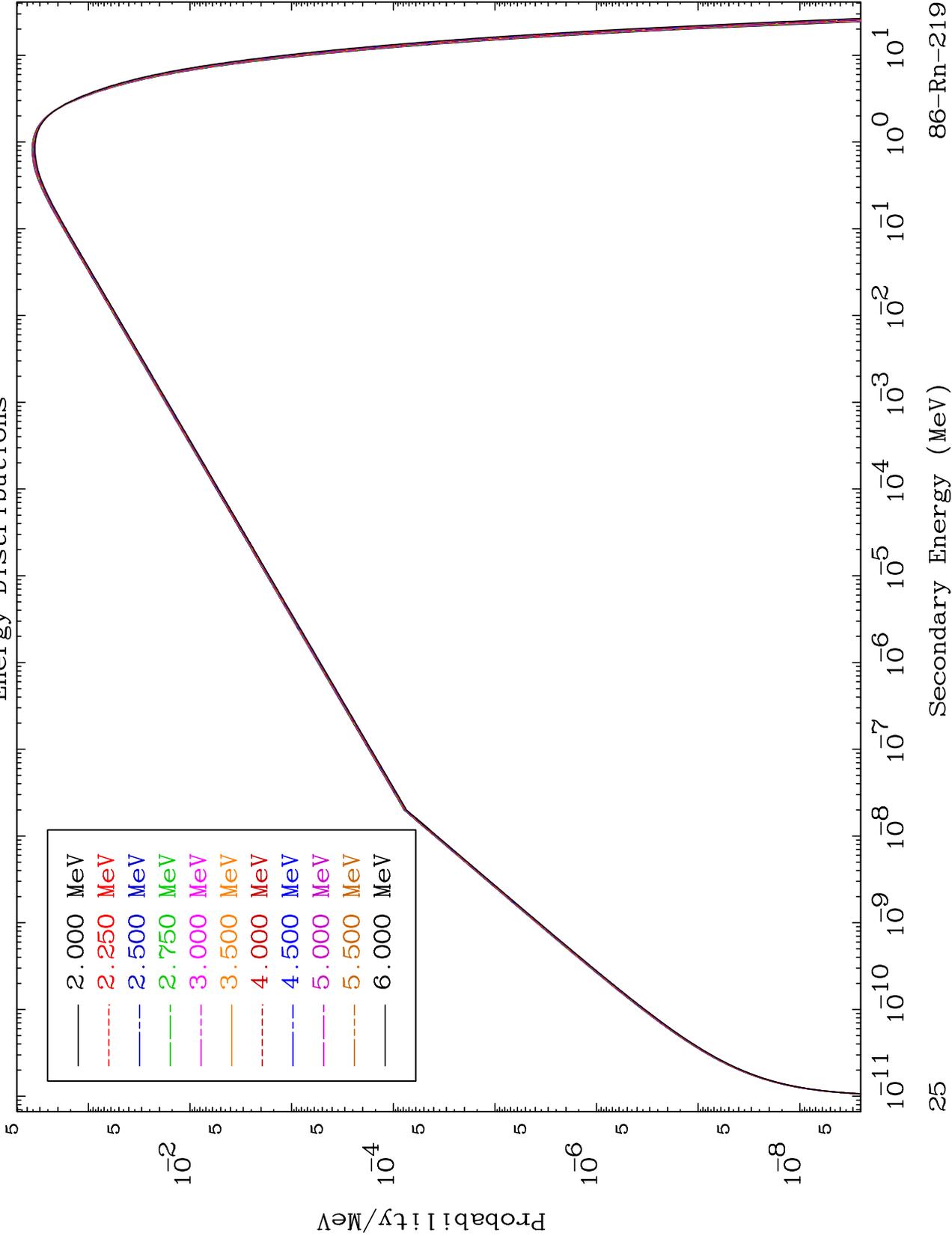
Incident Energy (MeV)

86-Rn-219

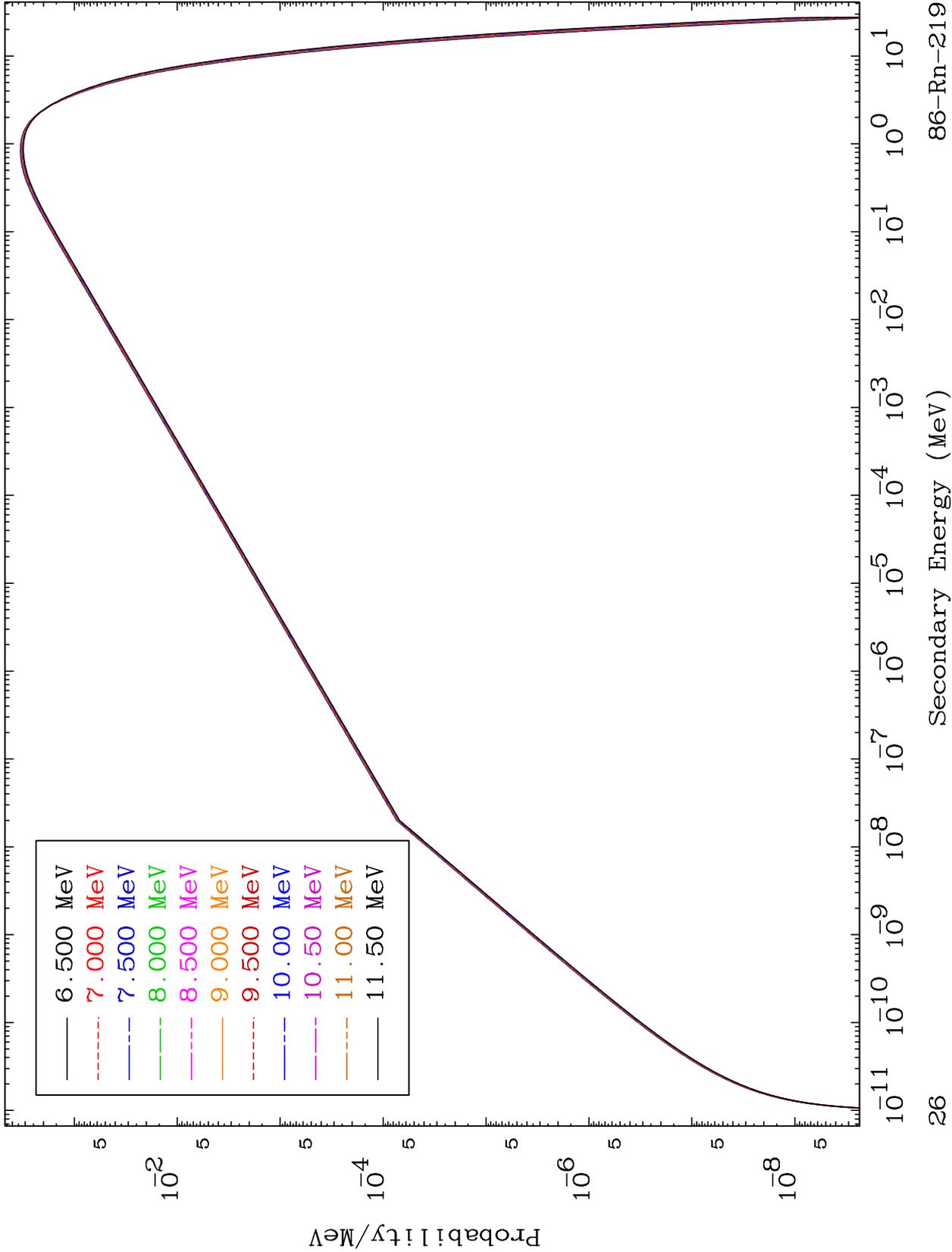
Fission Energy Distributions



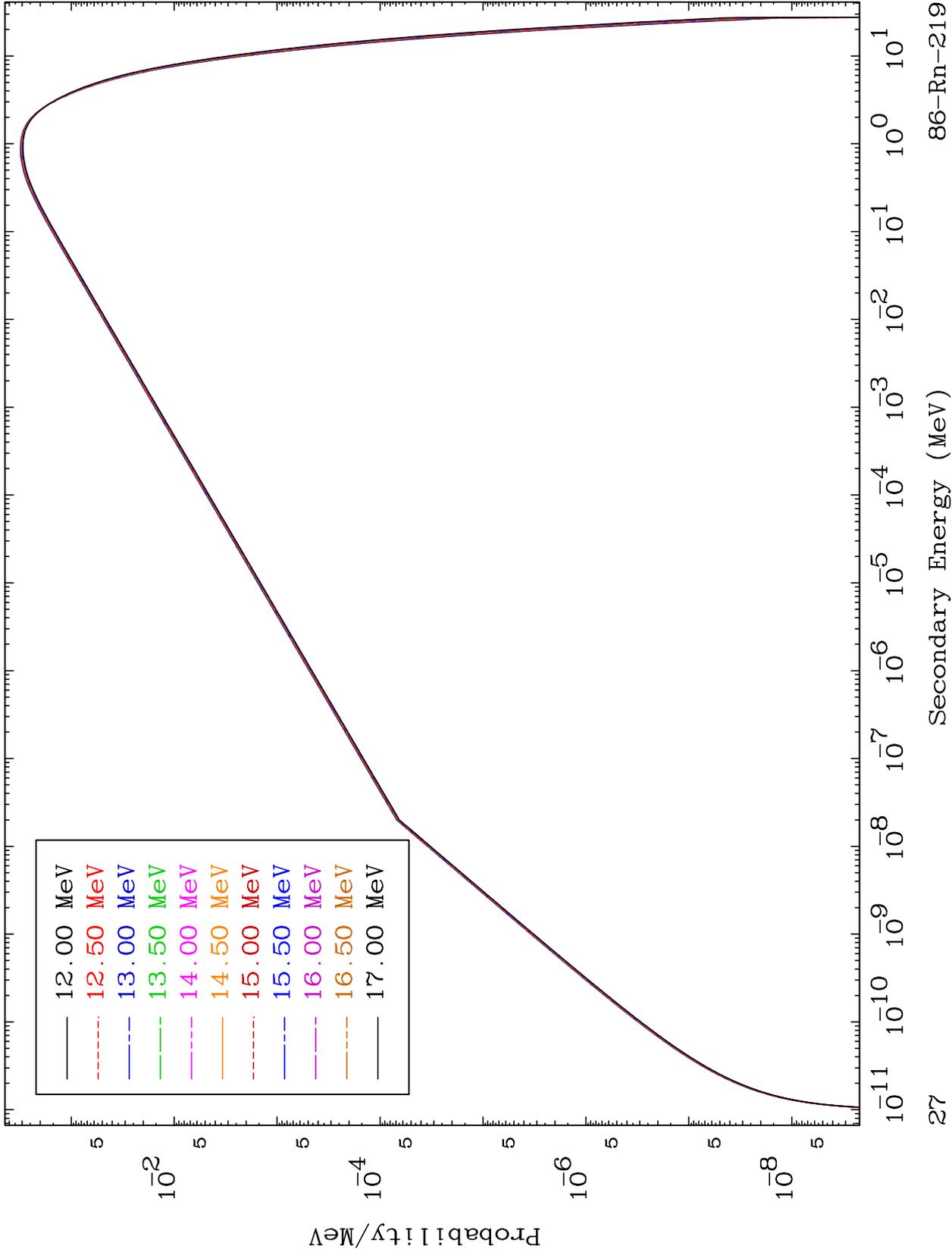
Fission Energy Distributions



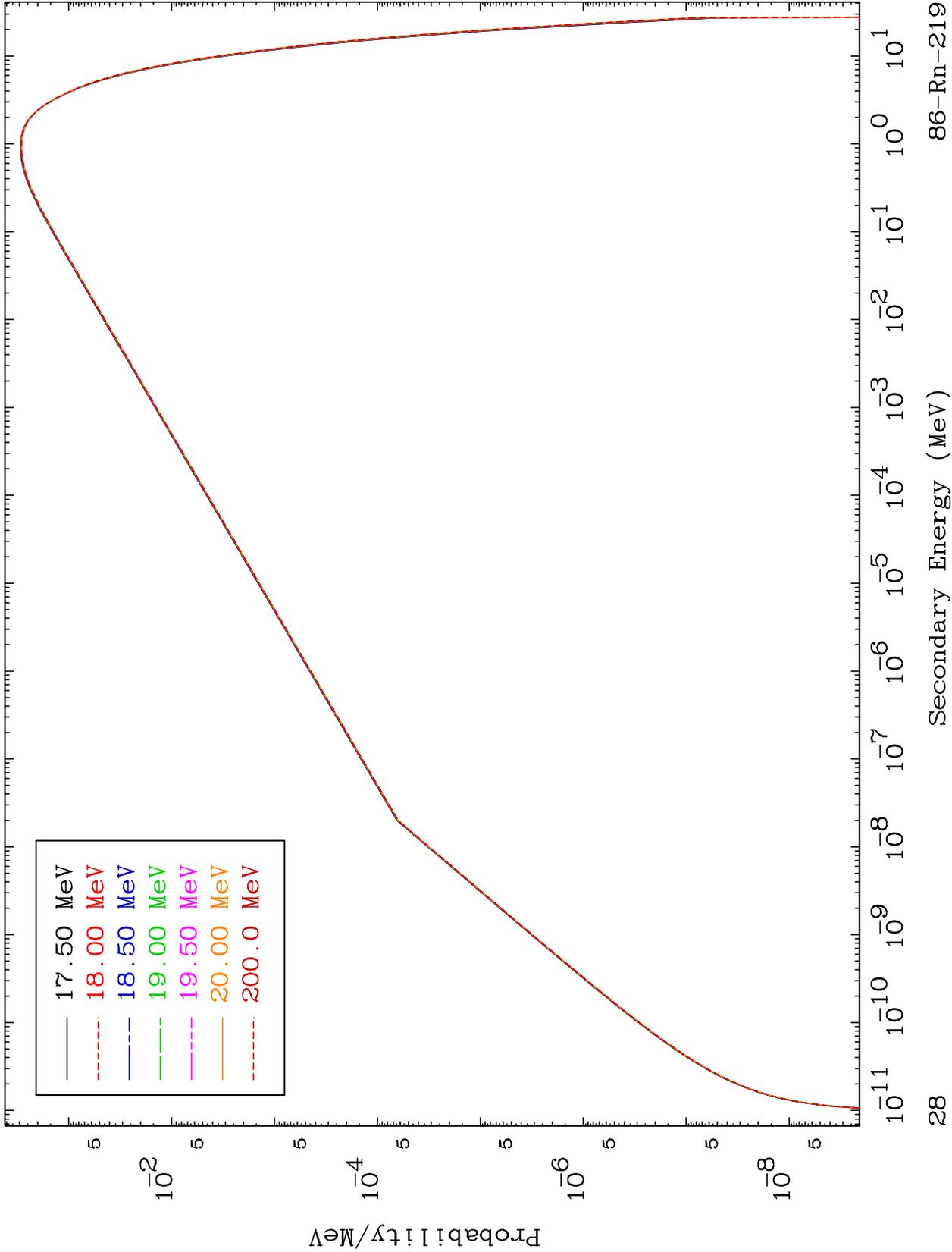
Fission Energy Distributions



Fission Energy Distributions



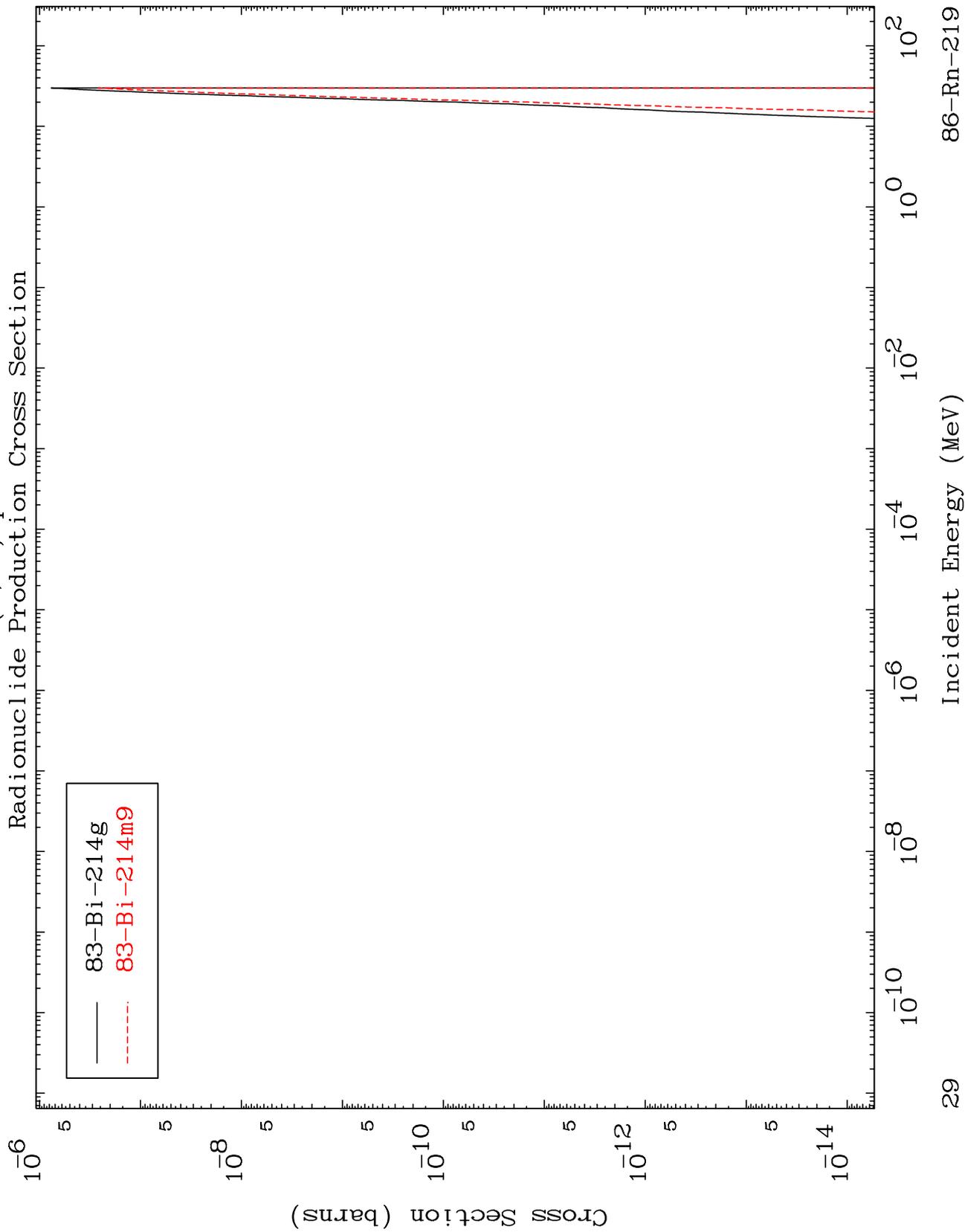
Fission Energy Distributions



MAT 8649

(n,n') p α

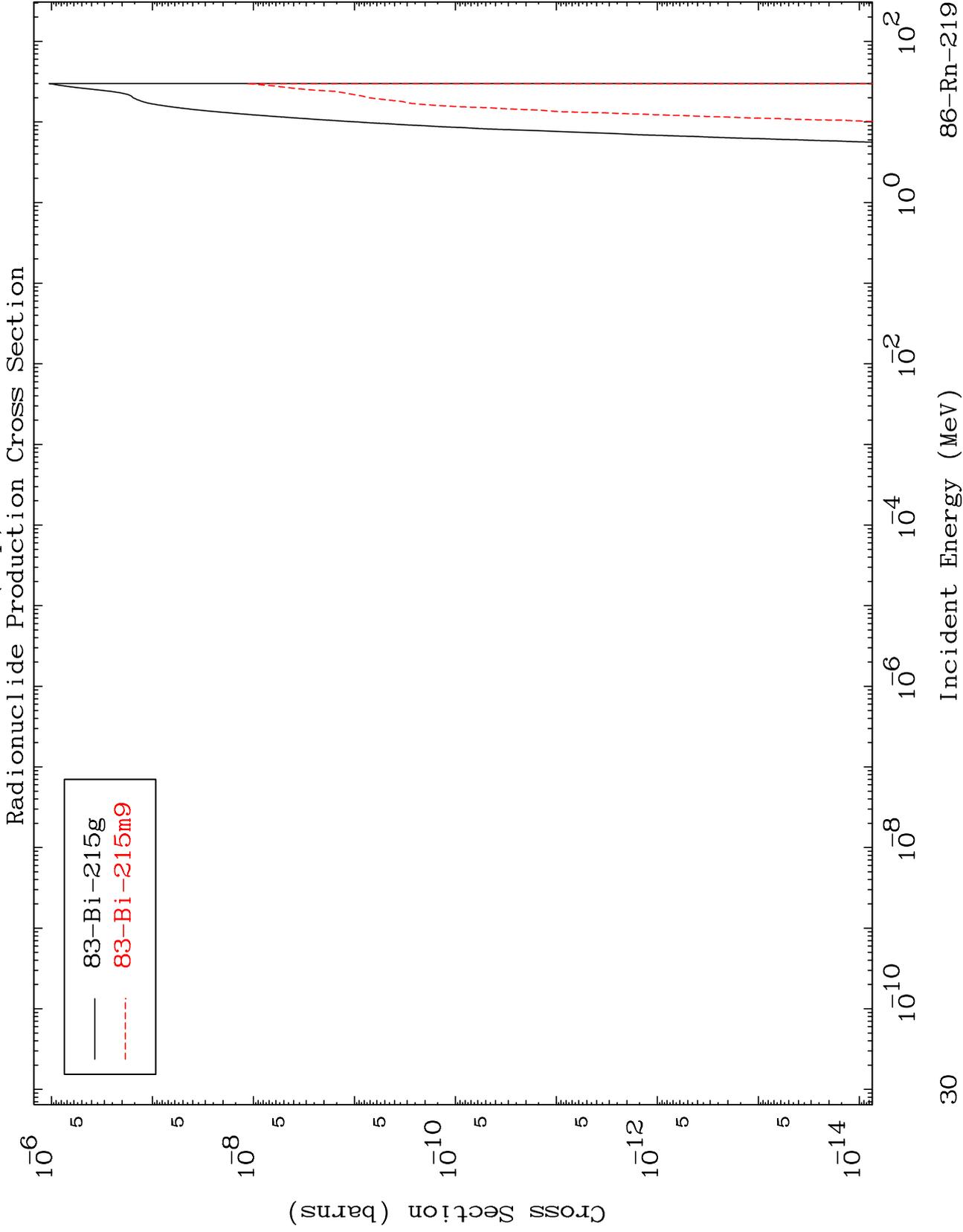
86-Rn-219



MAT 8649

(n,p) α

86-Rn-219



MAT 8649

(n,d) α

86-Rn-219

Radionuclide Production Cross Section

