

Program EVALPLOT
(Version 2021-1)

by

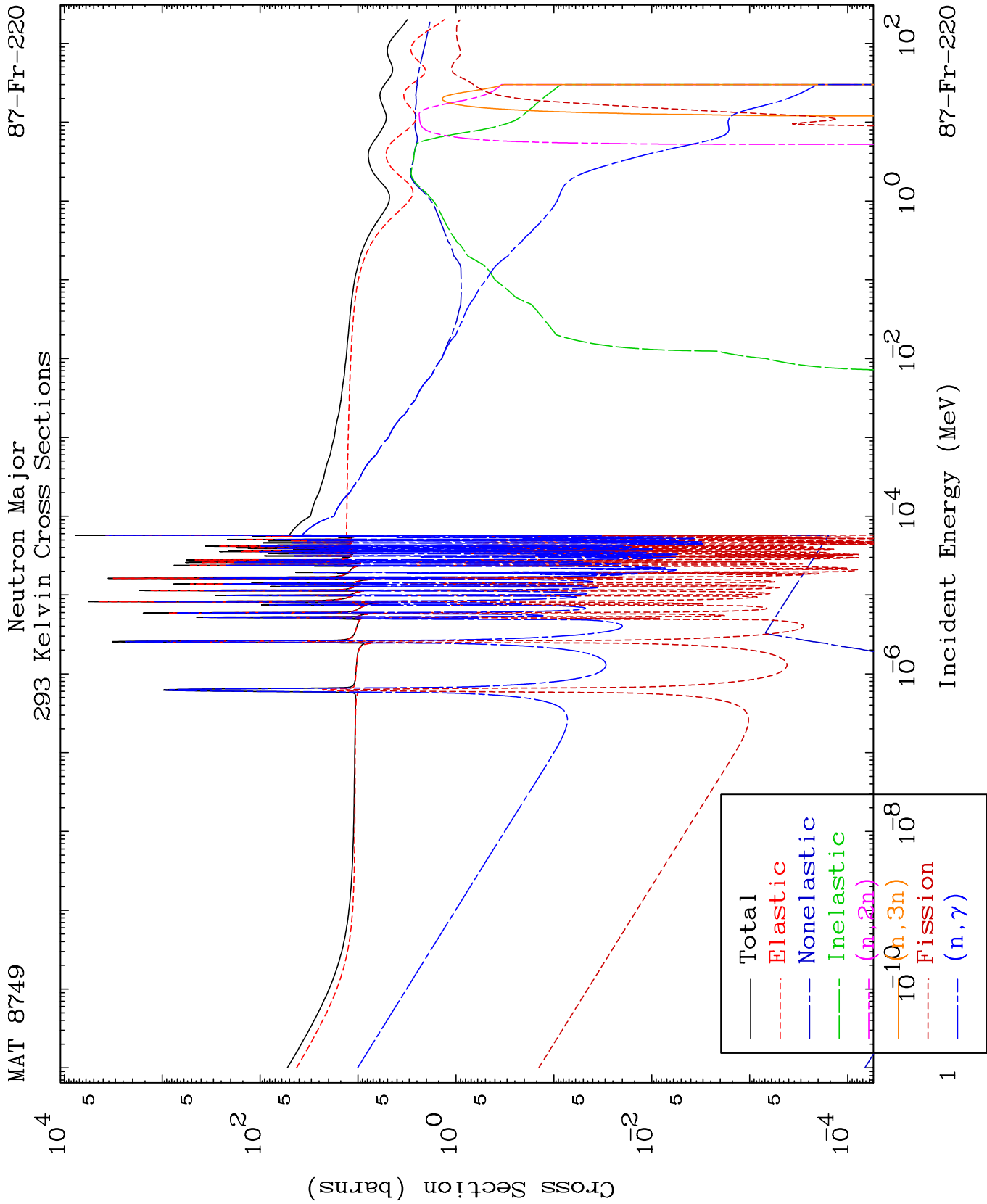
Dermott E. Cullen
(Present Contact Information)

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

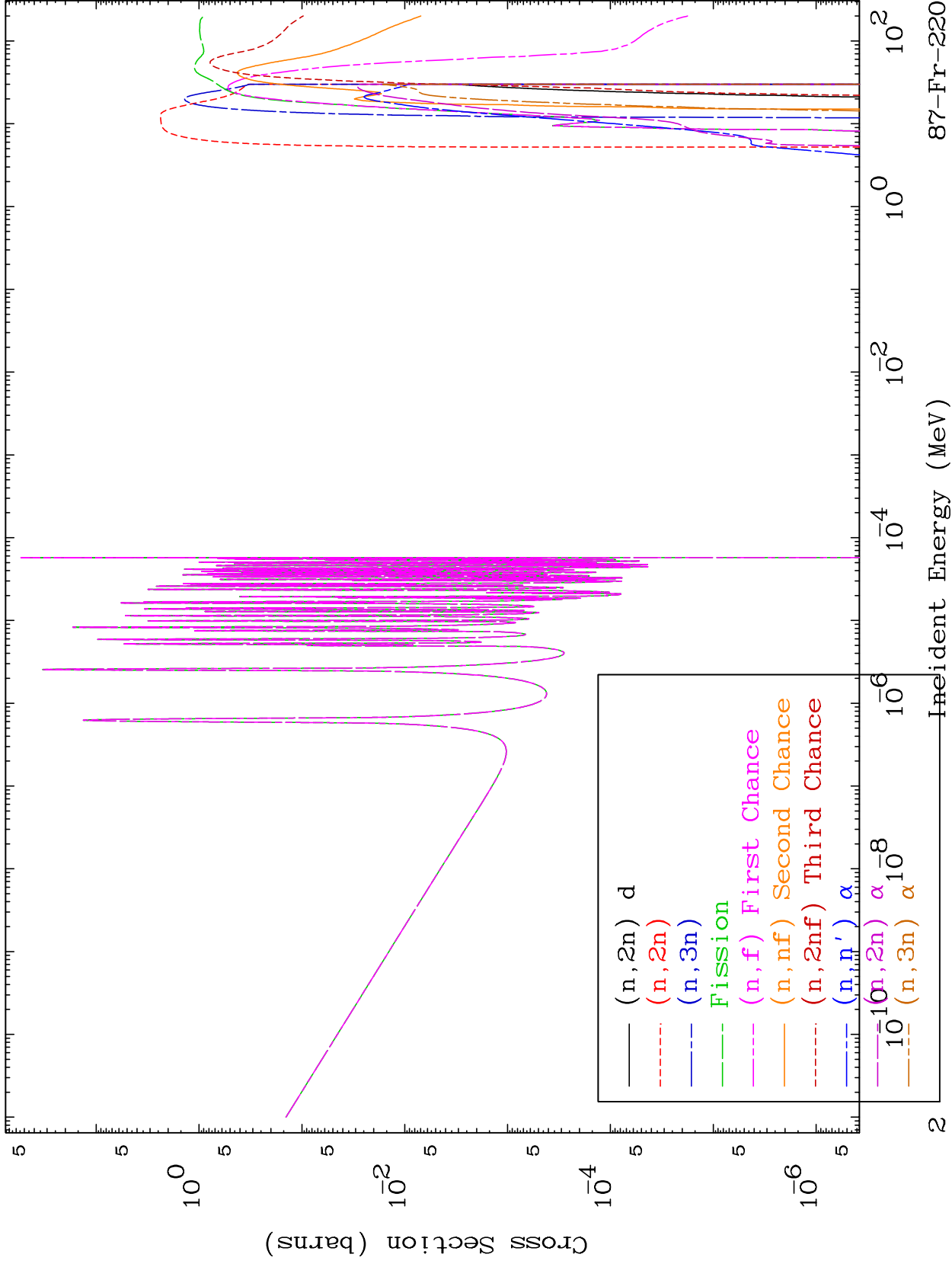
Press Mouse Button to Start

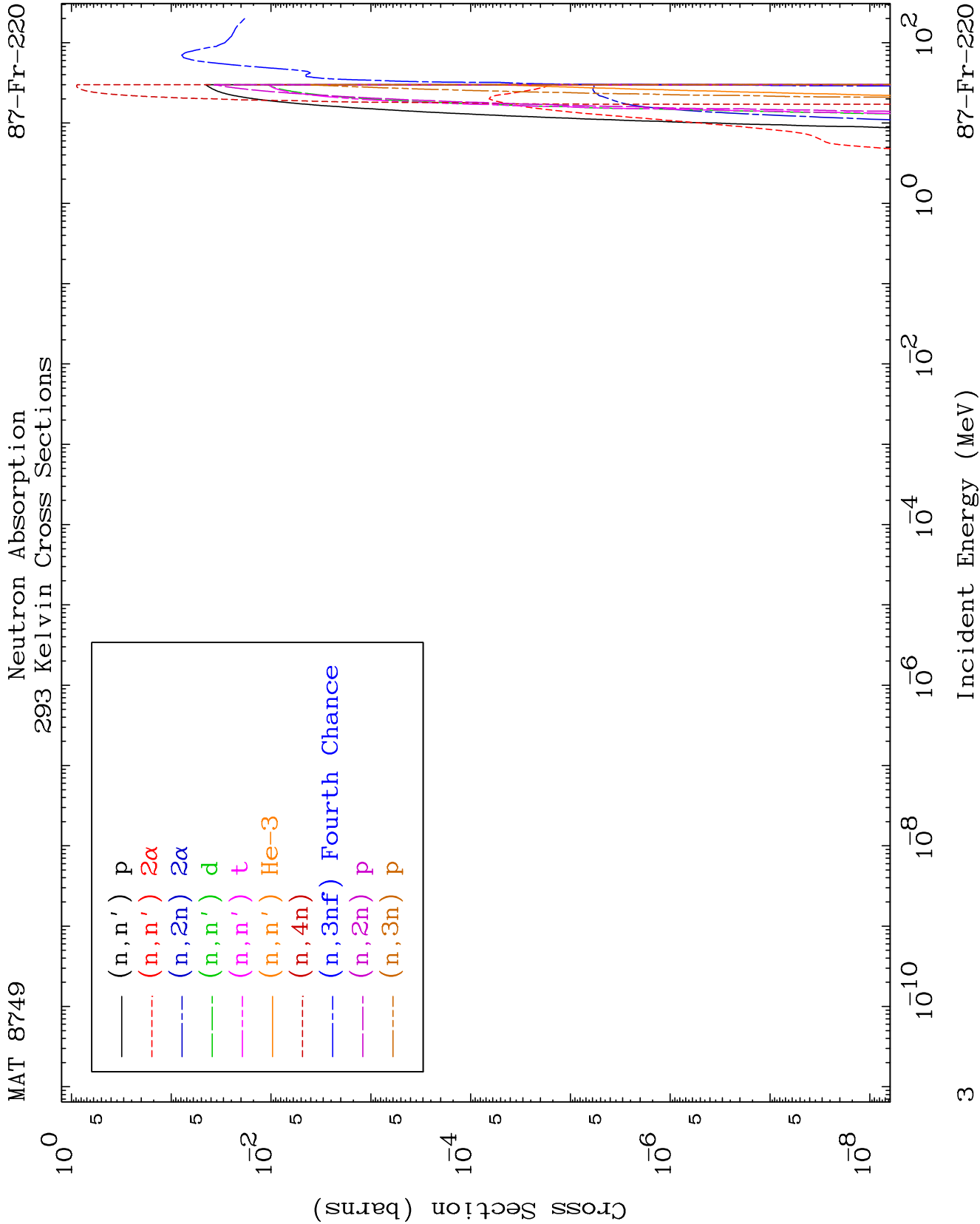


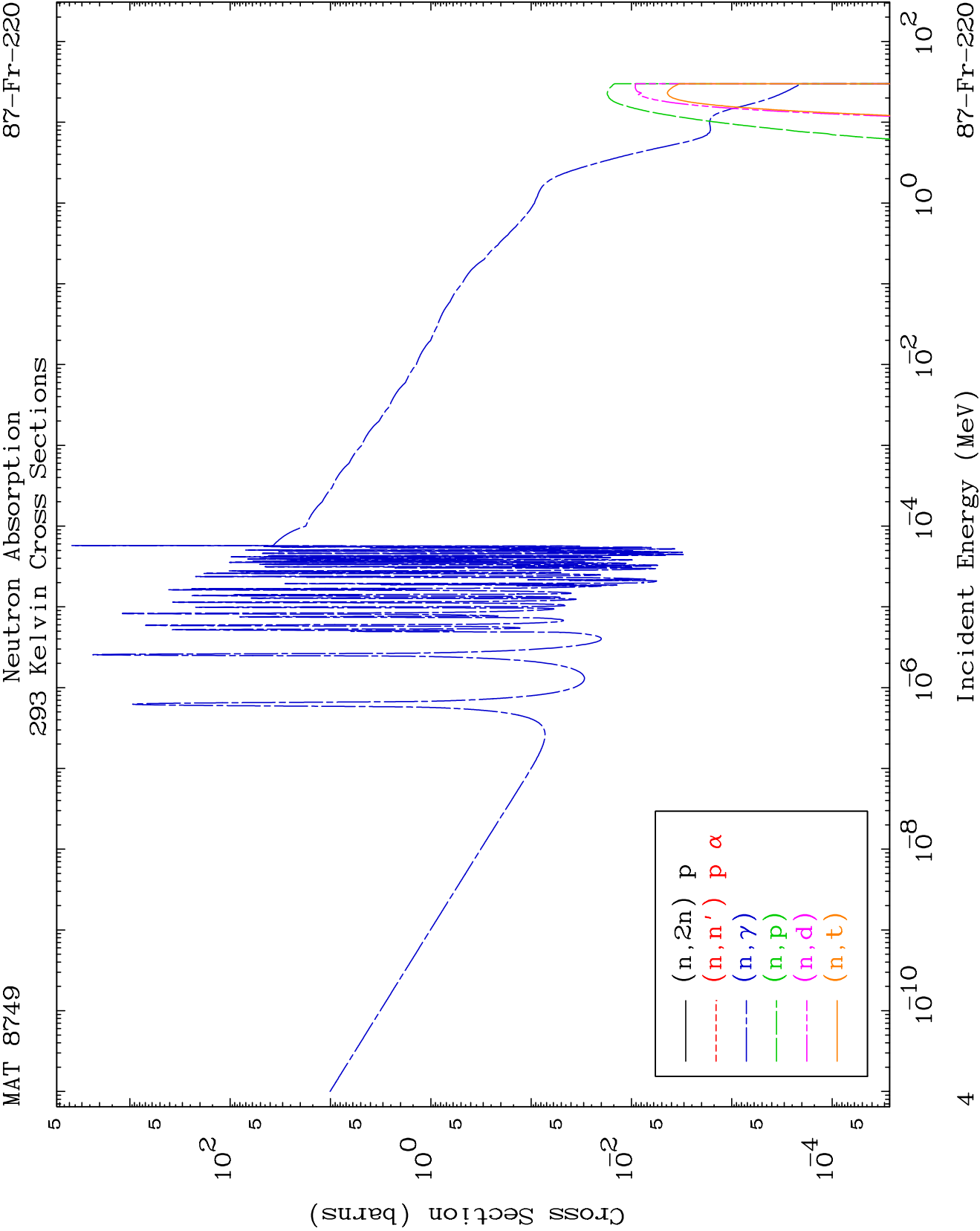
MAT 8749

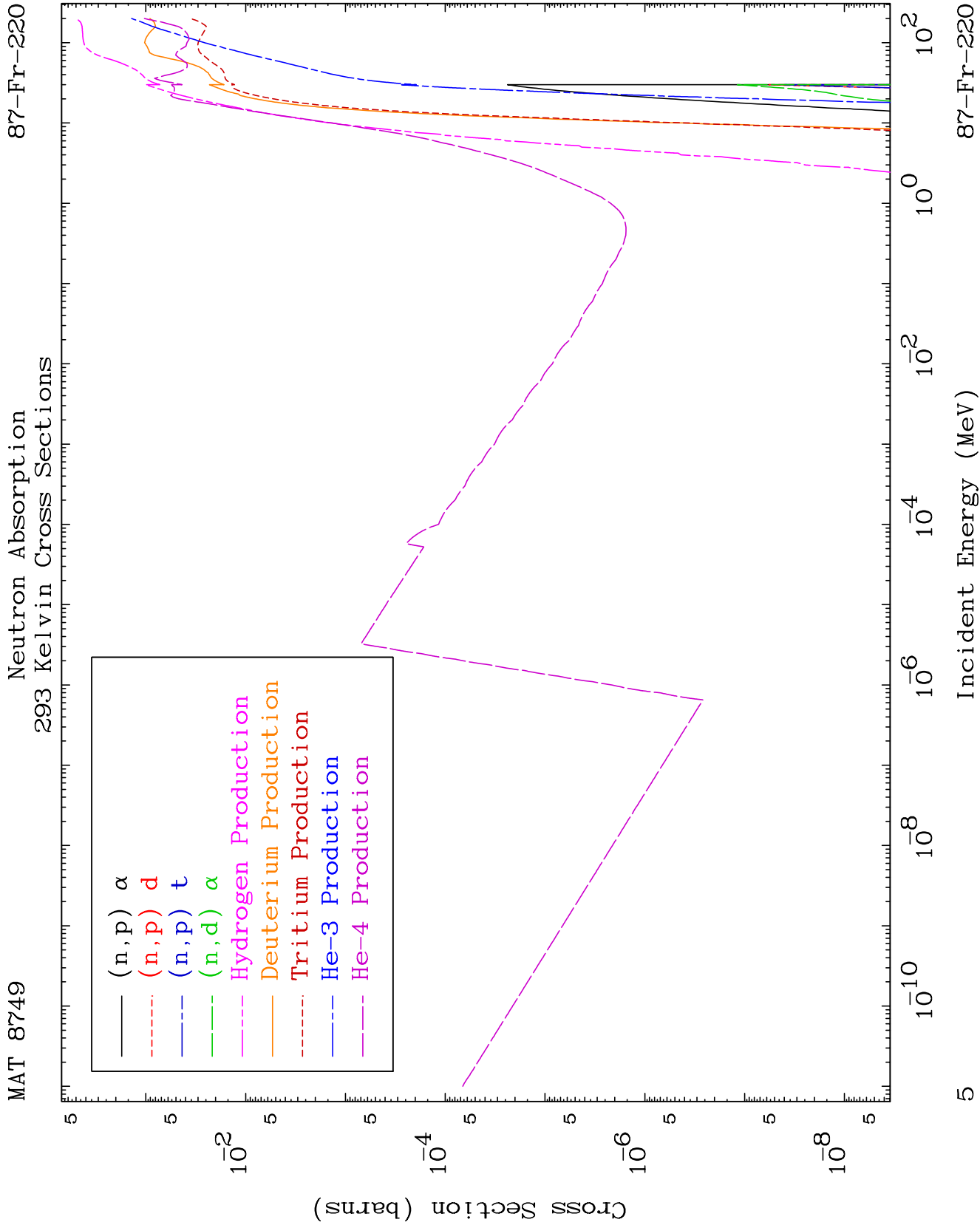
Neutron Absorption
293 Kelvin Cross Sections

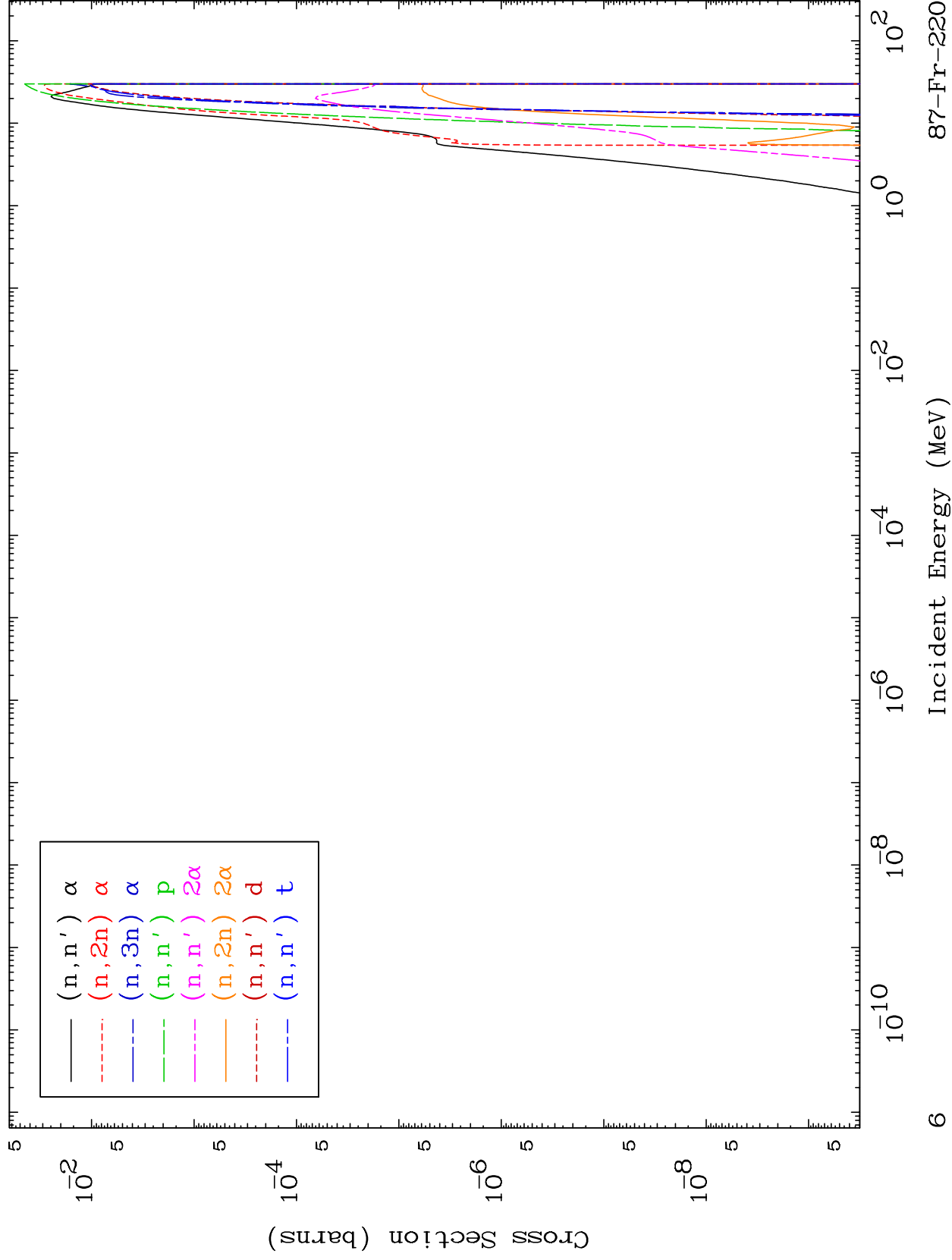
87-Fr-220

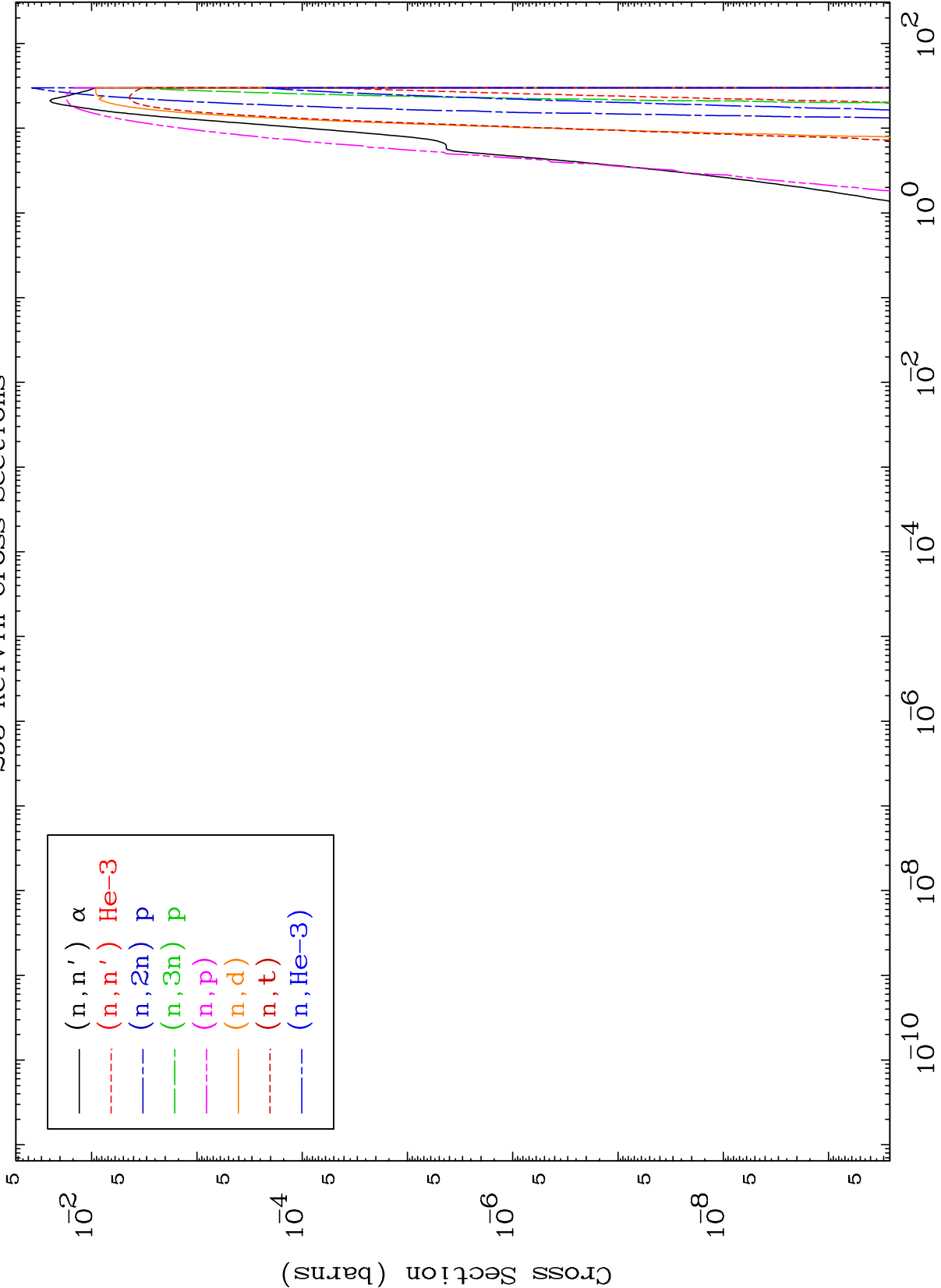


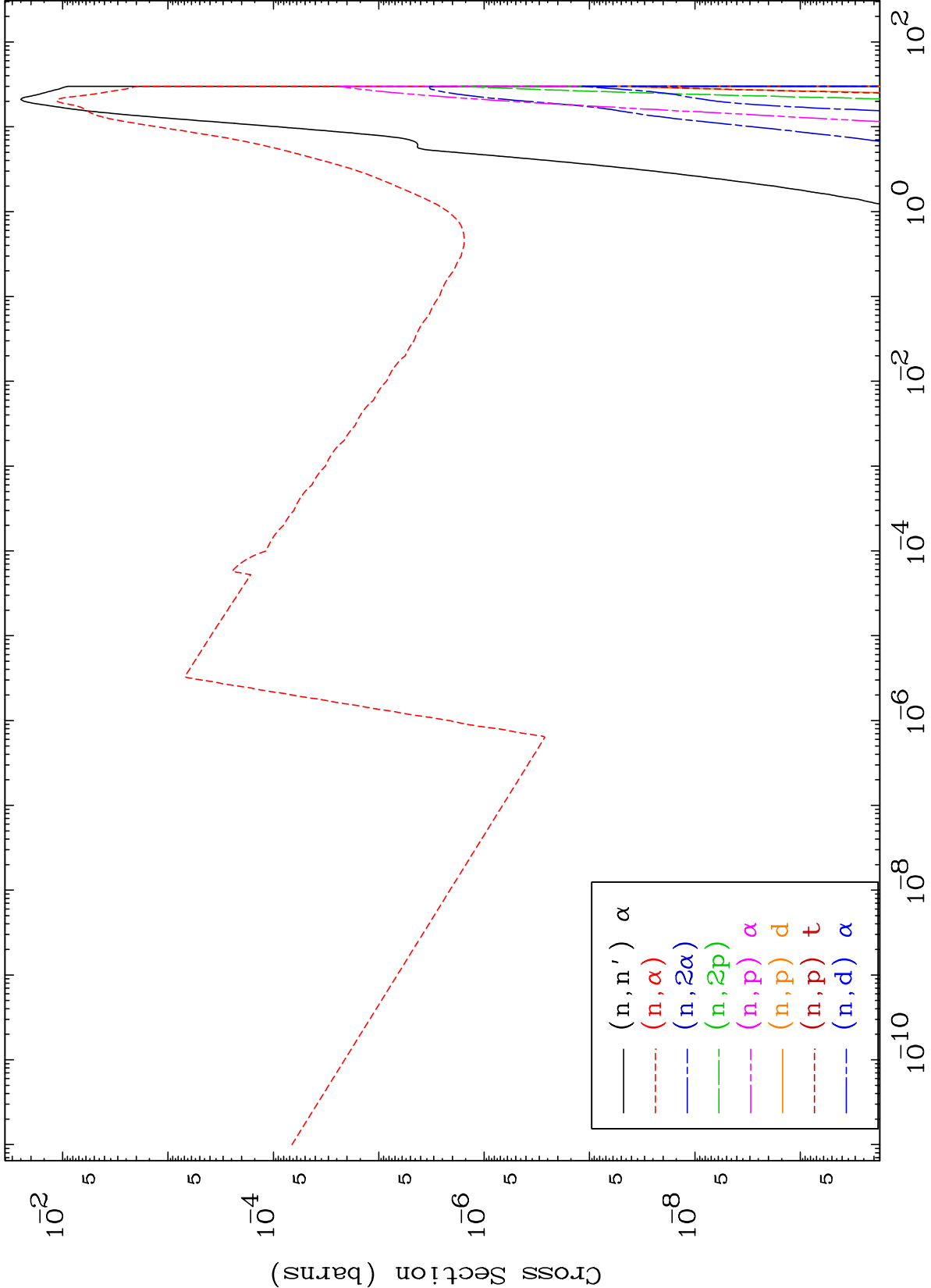


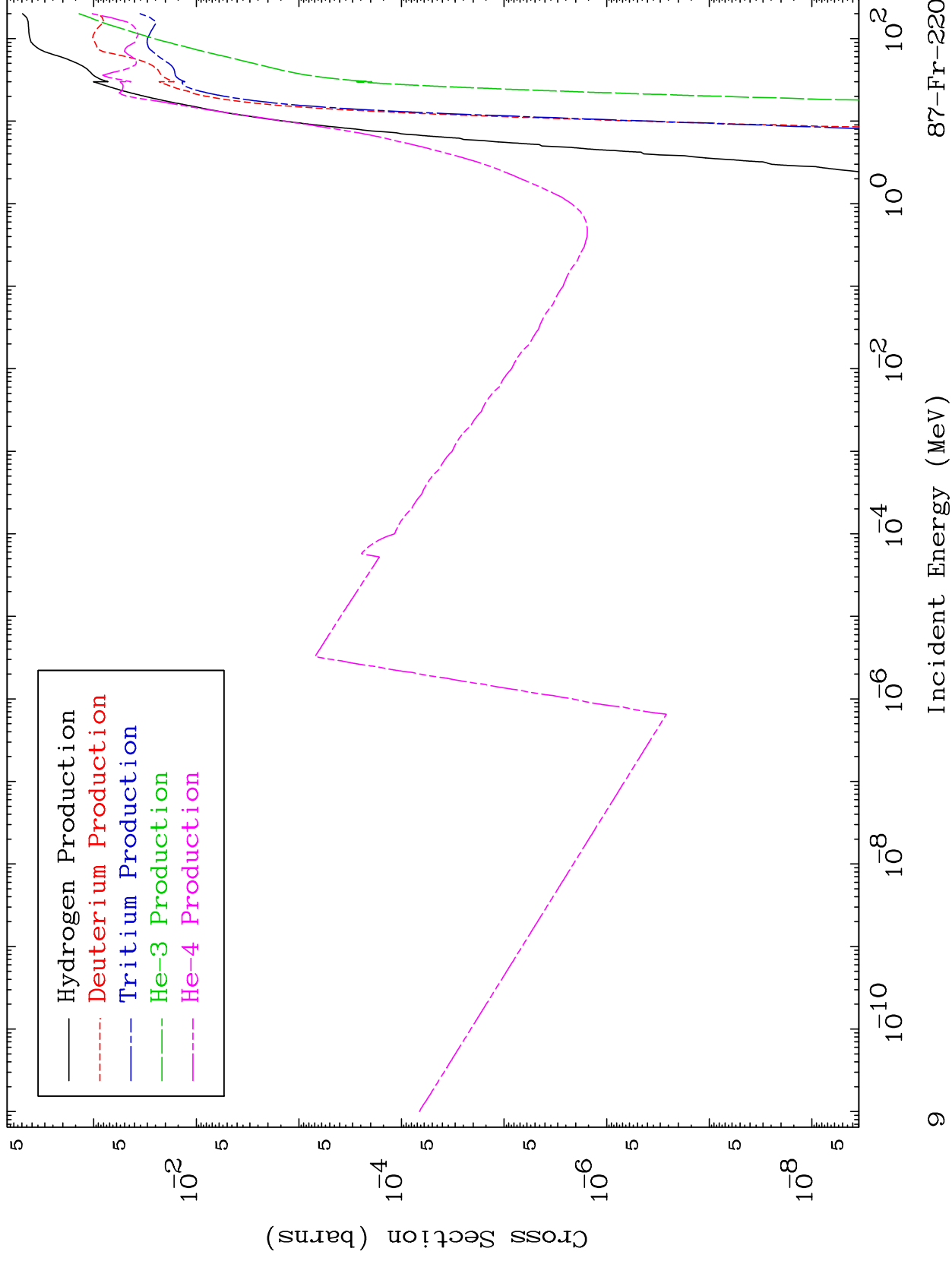








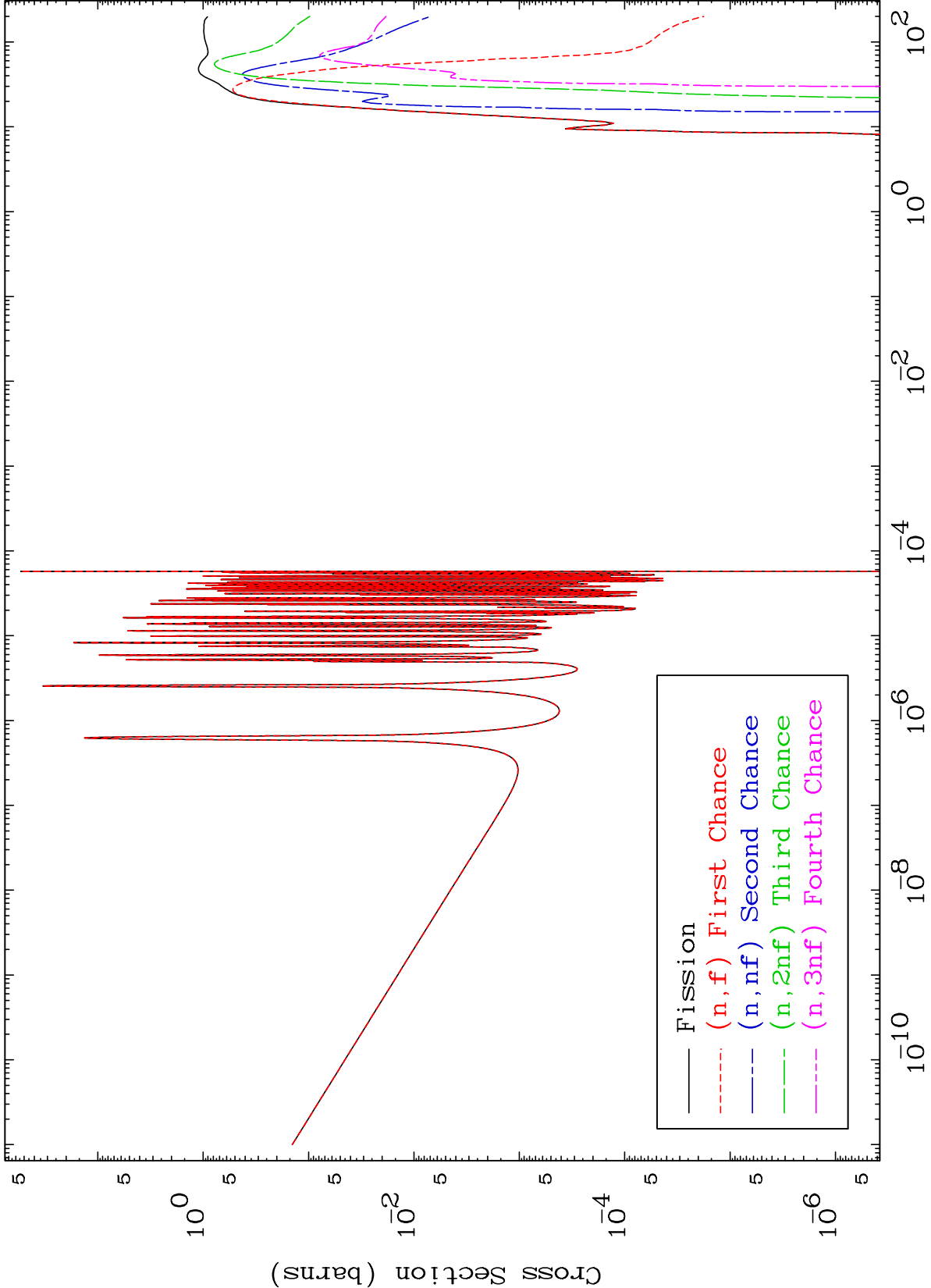




MAT 8749

Fission
293 Kelvin Cross Sections

87-Fr-220



10

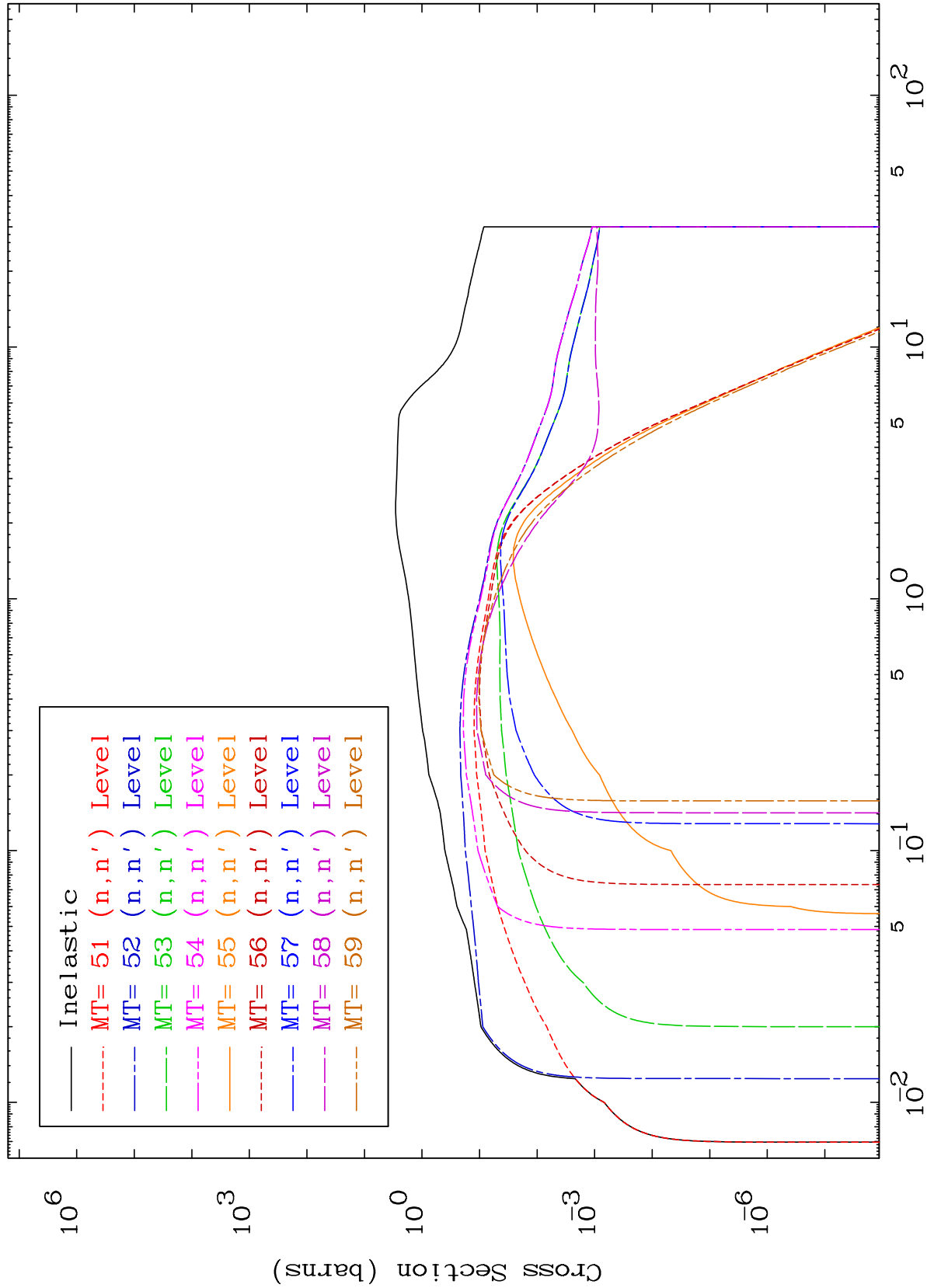
Incident Energy (MeV)

87-Fr-220

MAT 8749

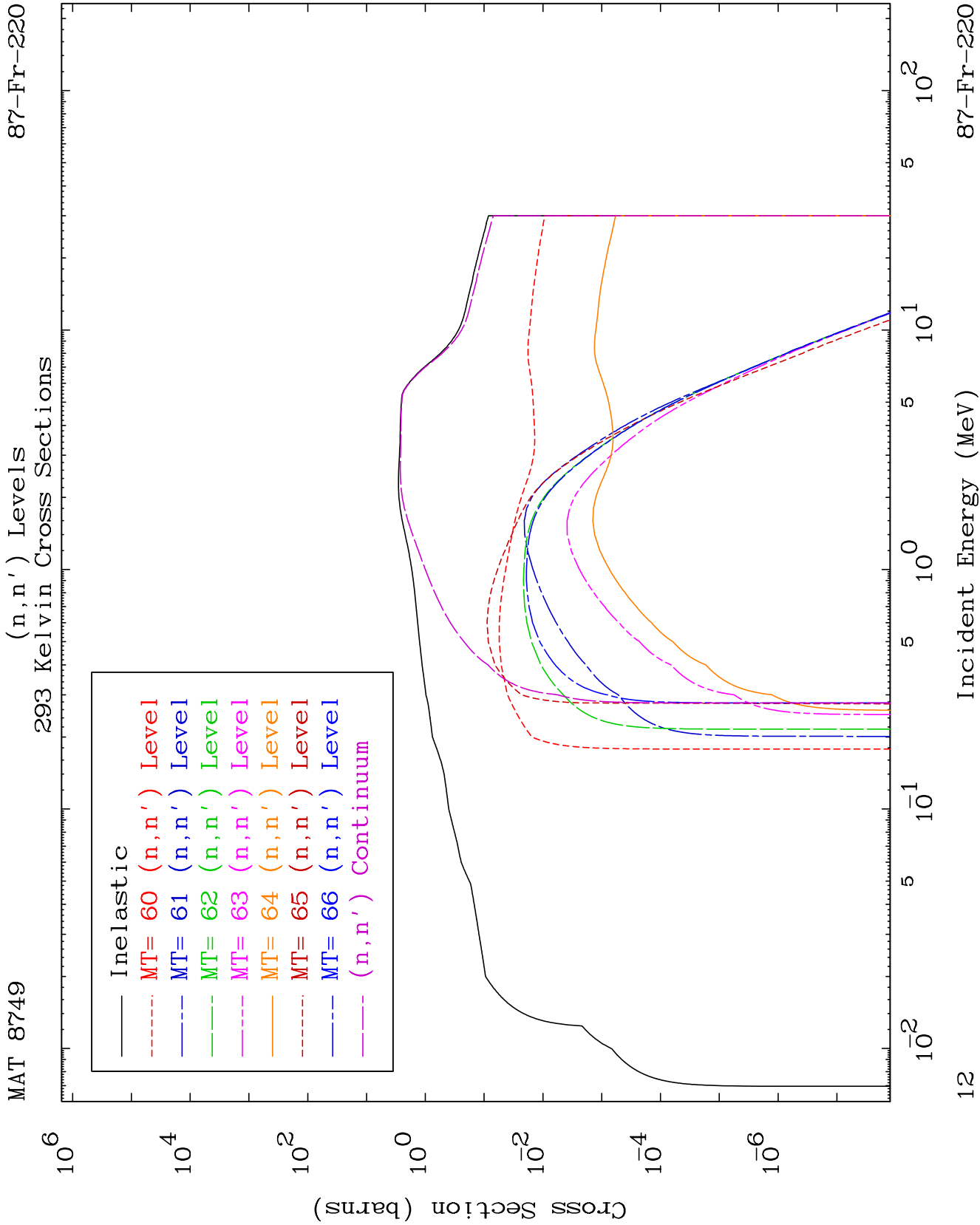
87-Fr-220

(n,n') Levels
293 Kelvin Cross Sections



11

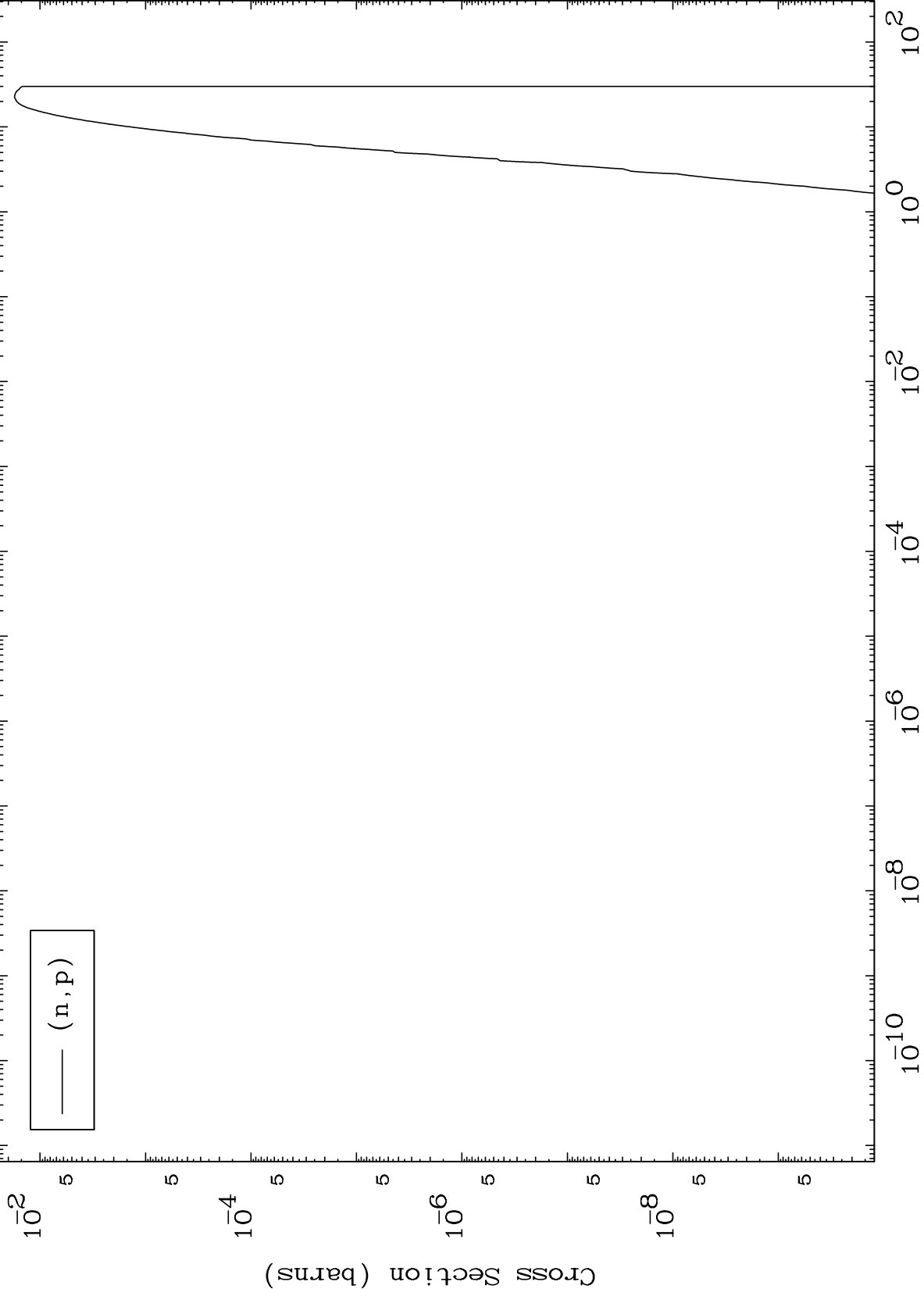
87-Fr-220

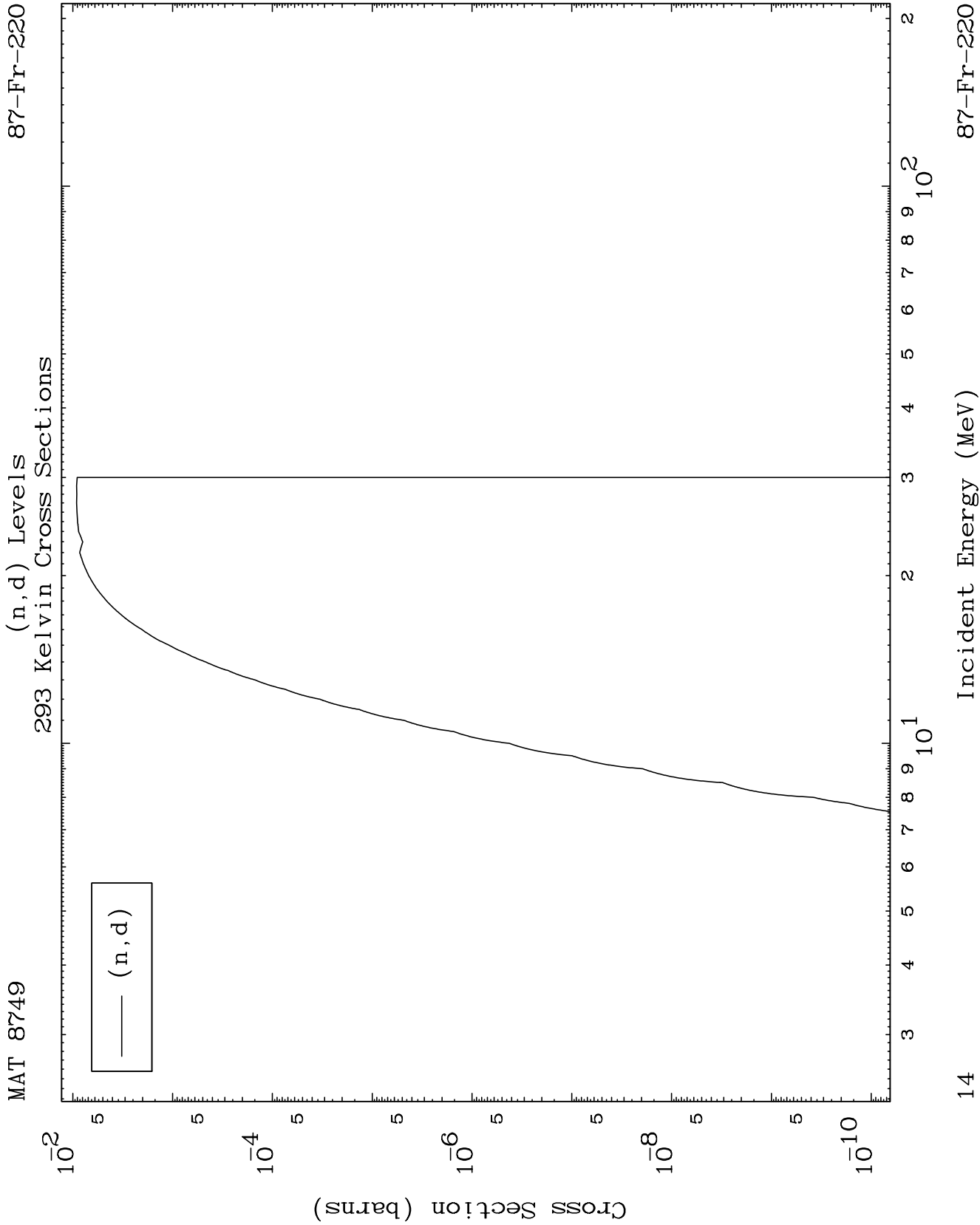


MAT 8749

(n,p) Levels
293 Kelvin Cross Sections

87-Fr-220

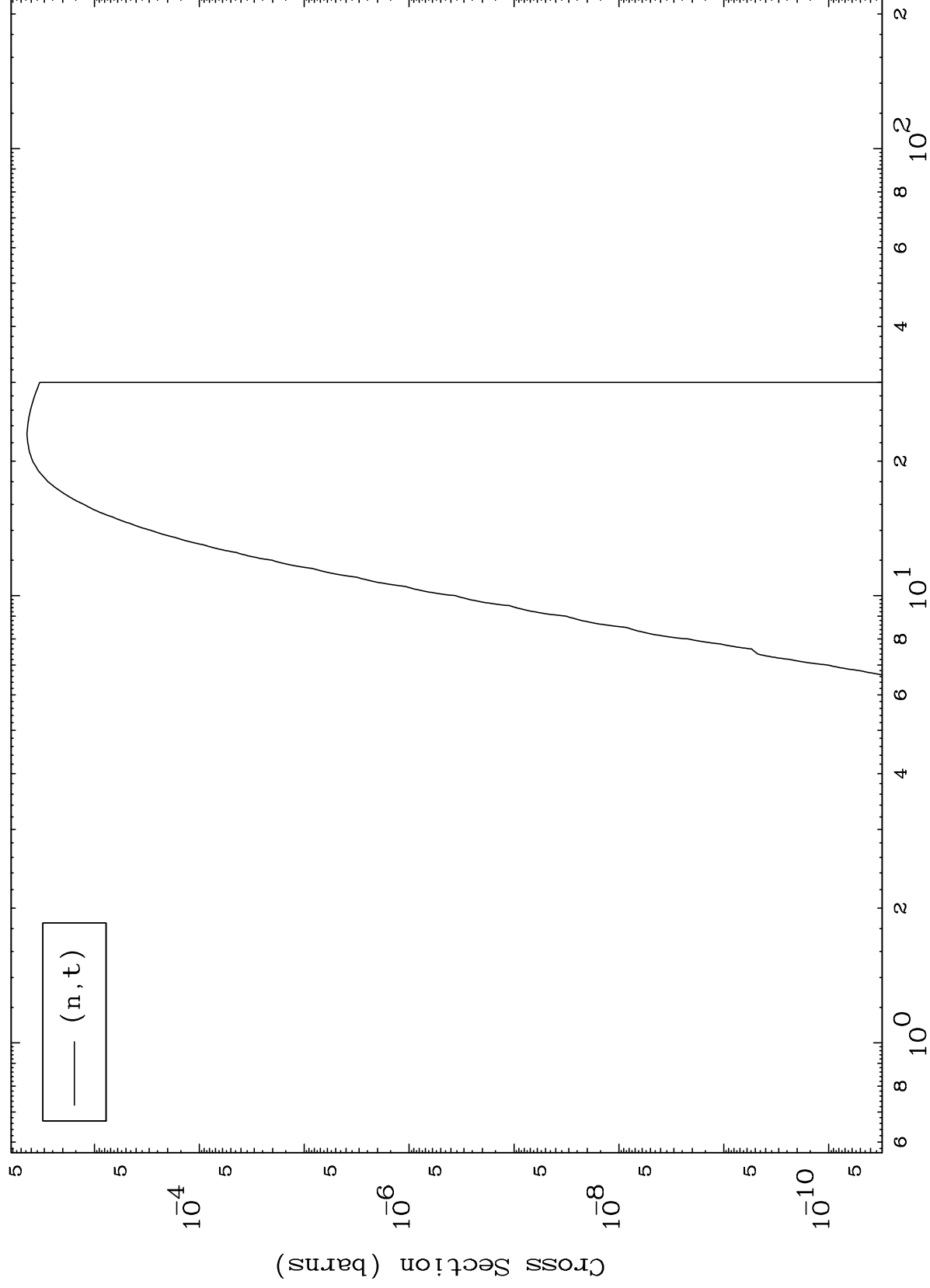




MAT 8749

87-Fr-220

(n,t) Levels
293 Kelvin Cross Sections



87-Fr-220

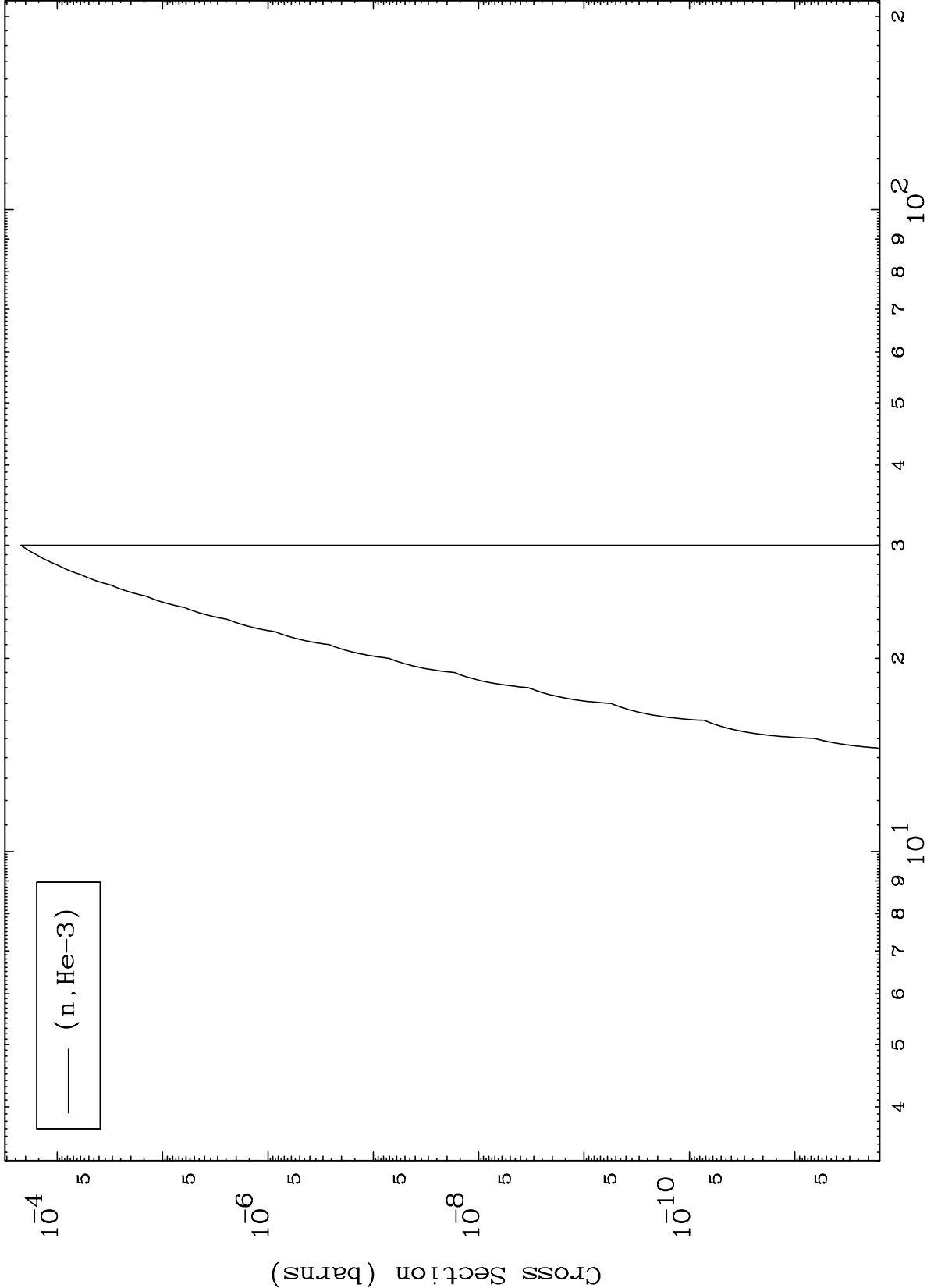
Incident Energy (MeV)

15

MAT 8749

(n,He3) Levels
293 Kelvin Cross Sections

87-Fr-220



16

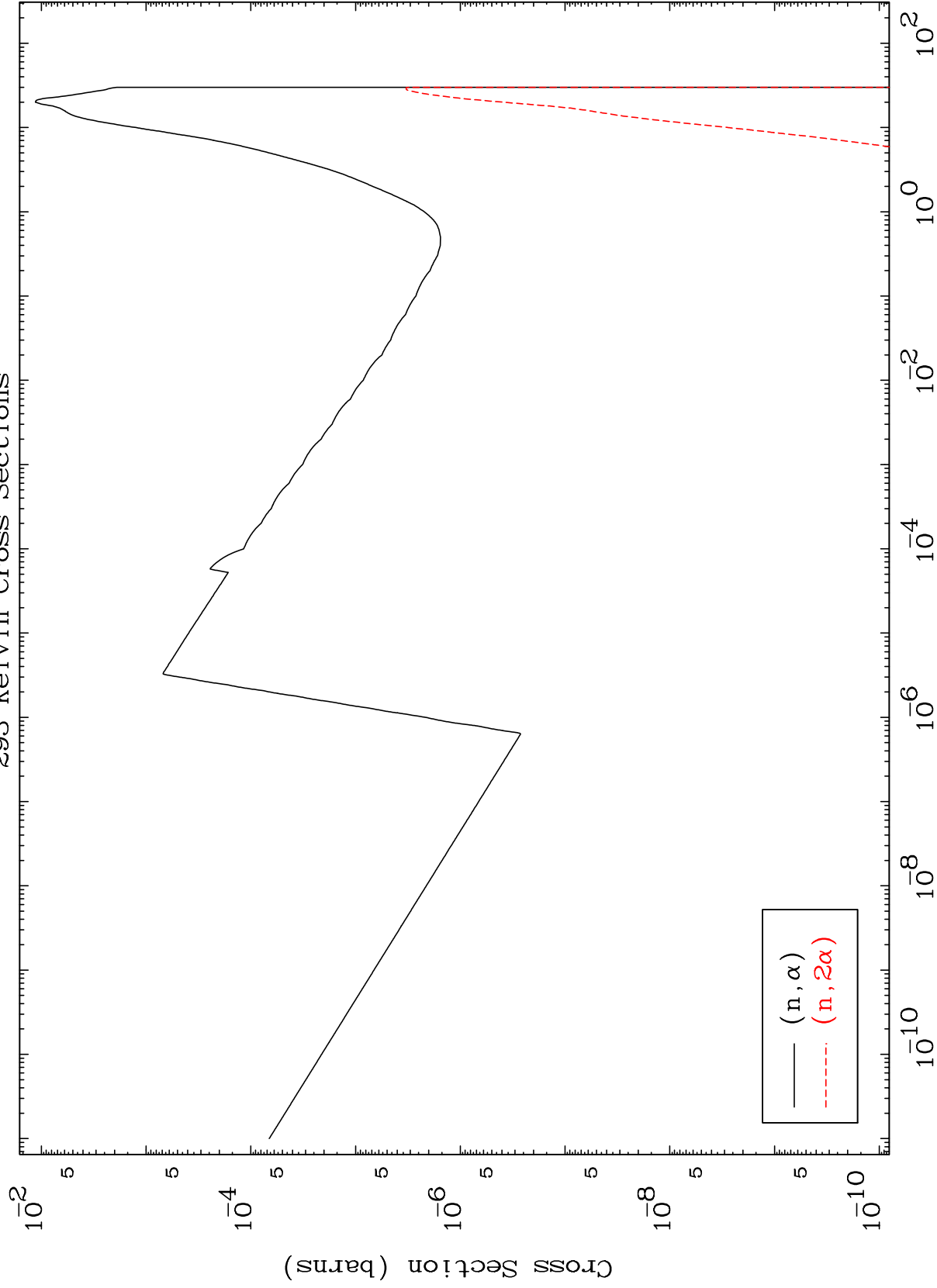
Incident Energy (MeV)

87-Fr-220

MAT 8749

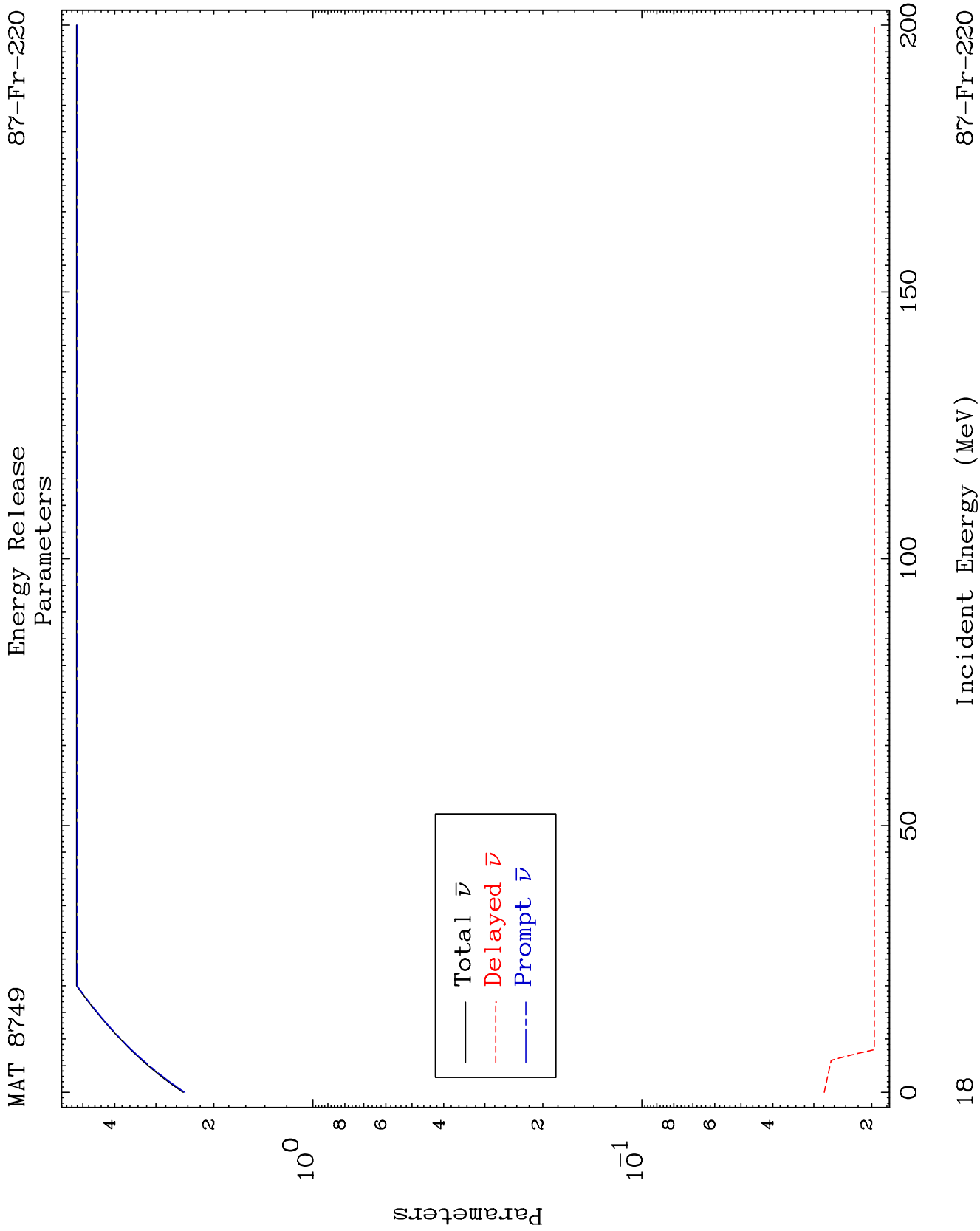
87-Fr-220

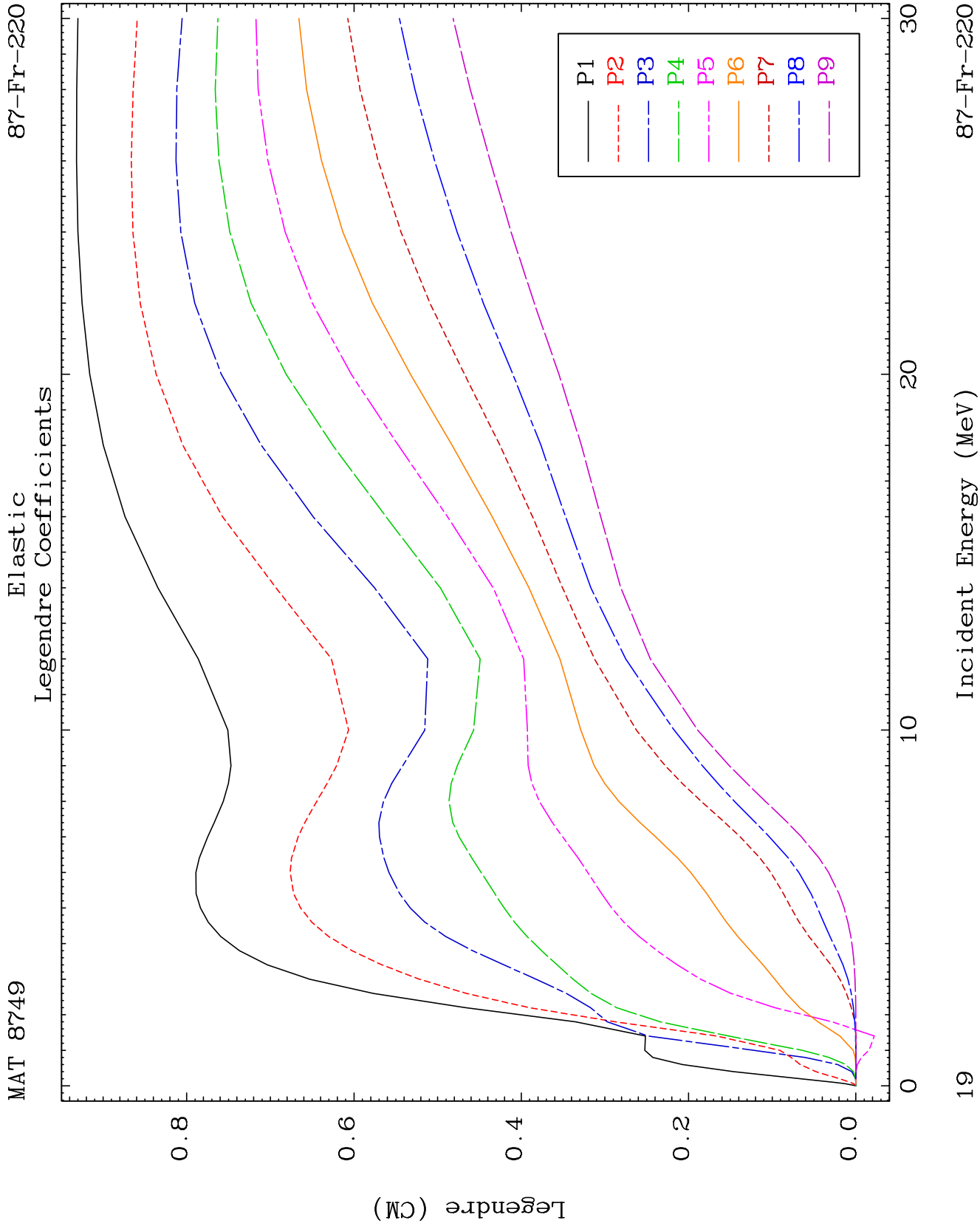
(n, α) Levels
293 Kelvin Cross Sections

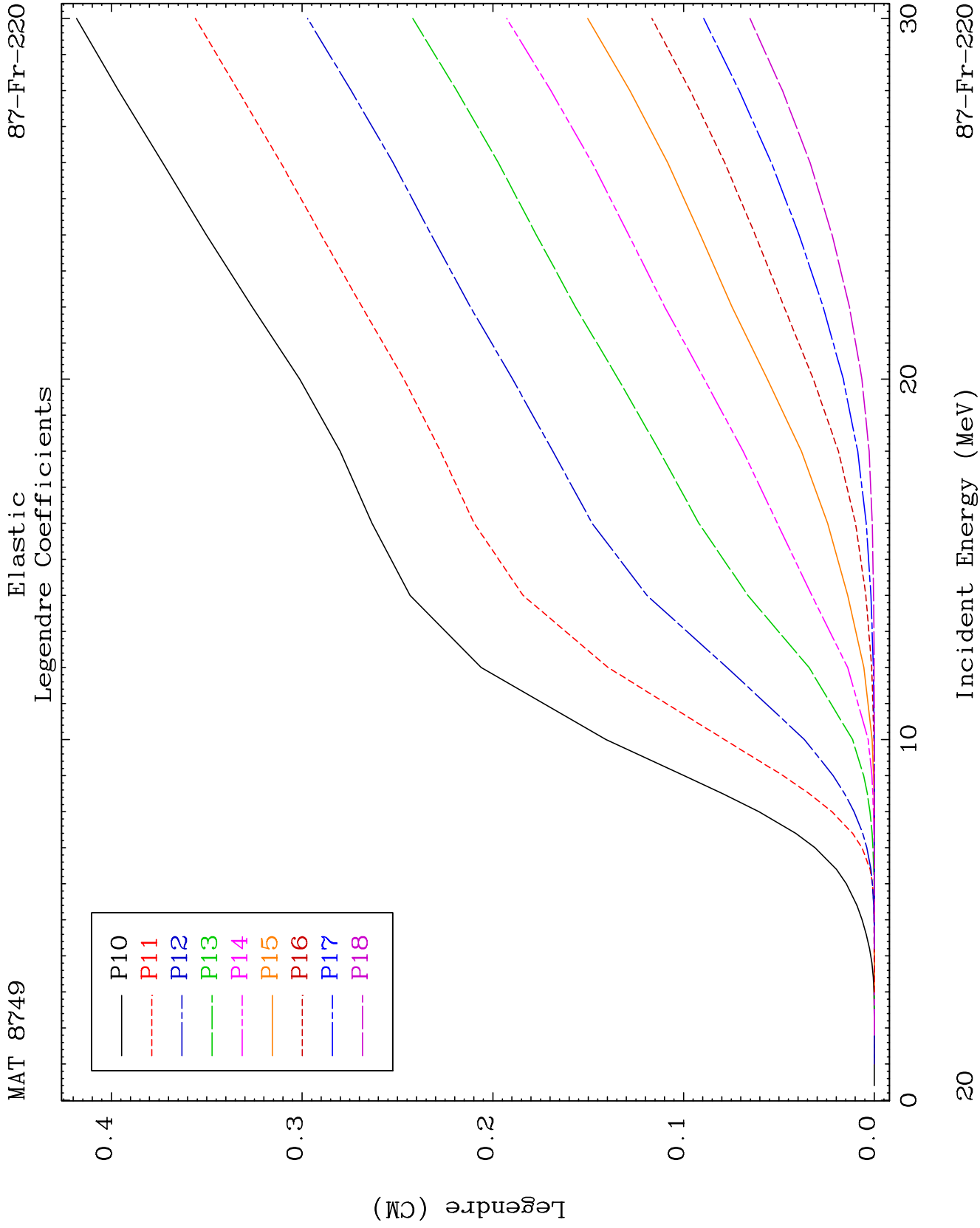


17

87-Fr-220



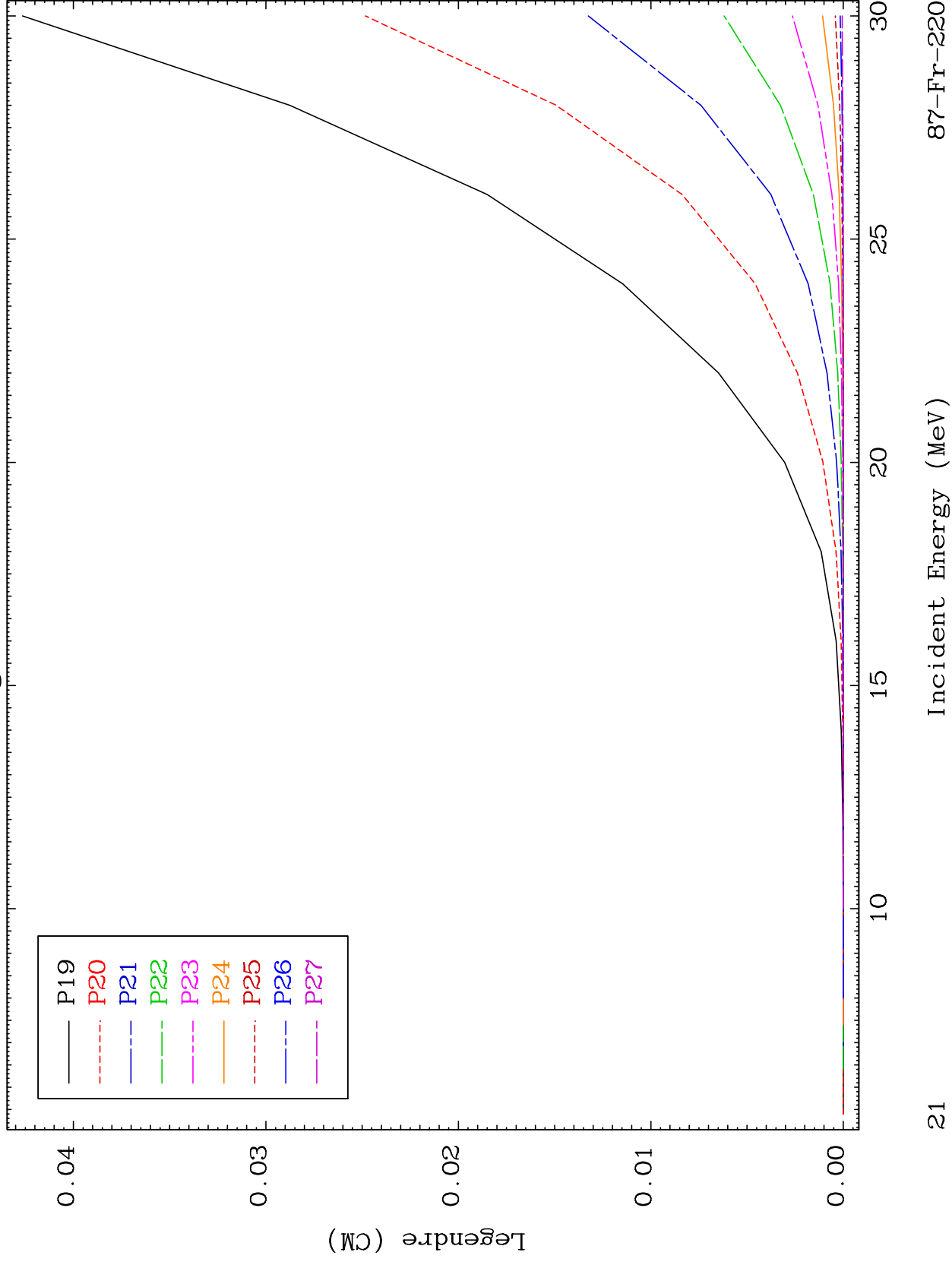


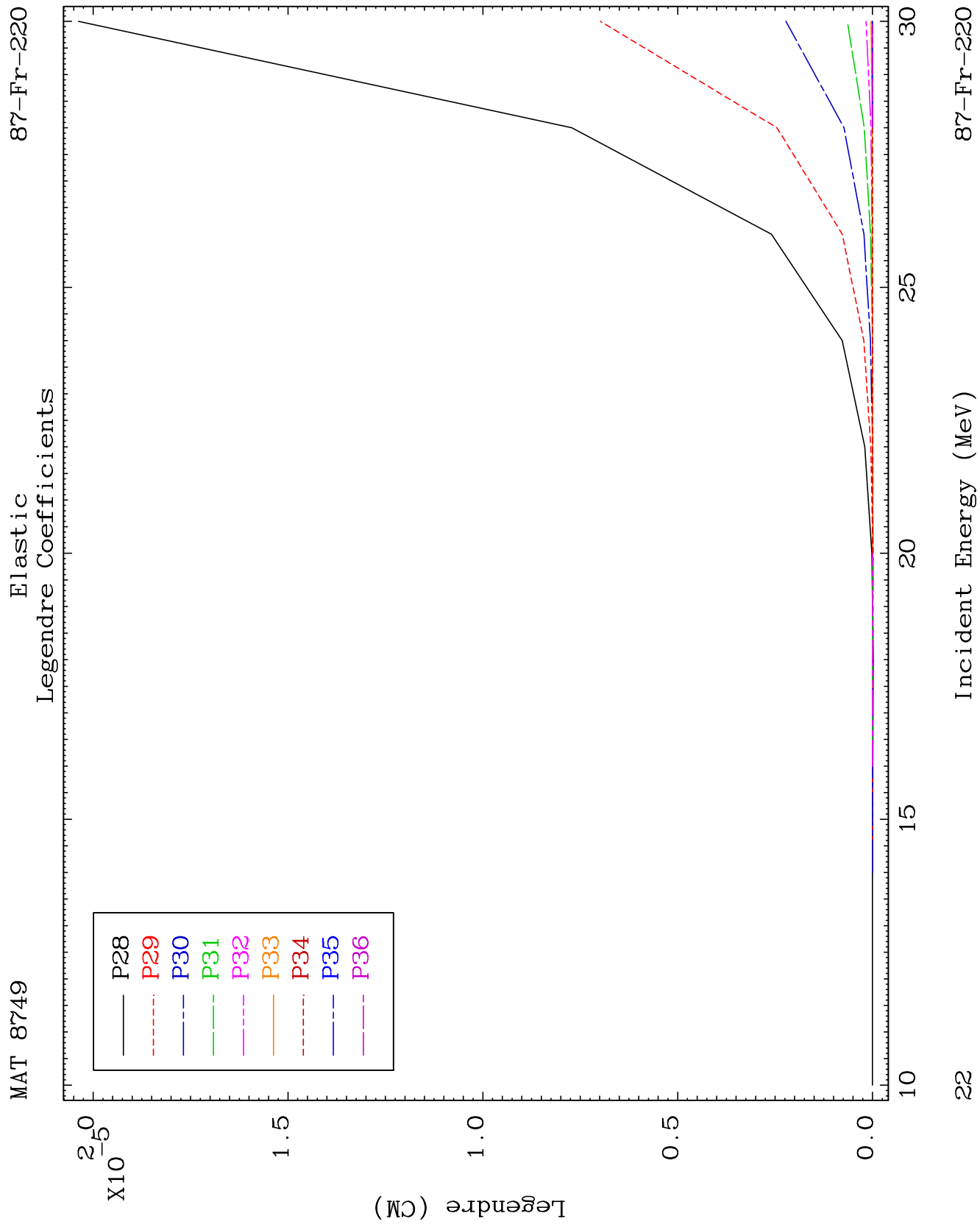


MAT 8749

Elastic Legendre Coefficients

87-Fr-220

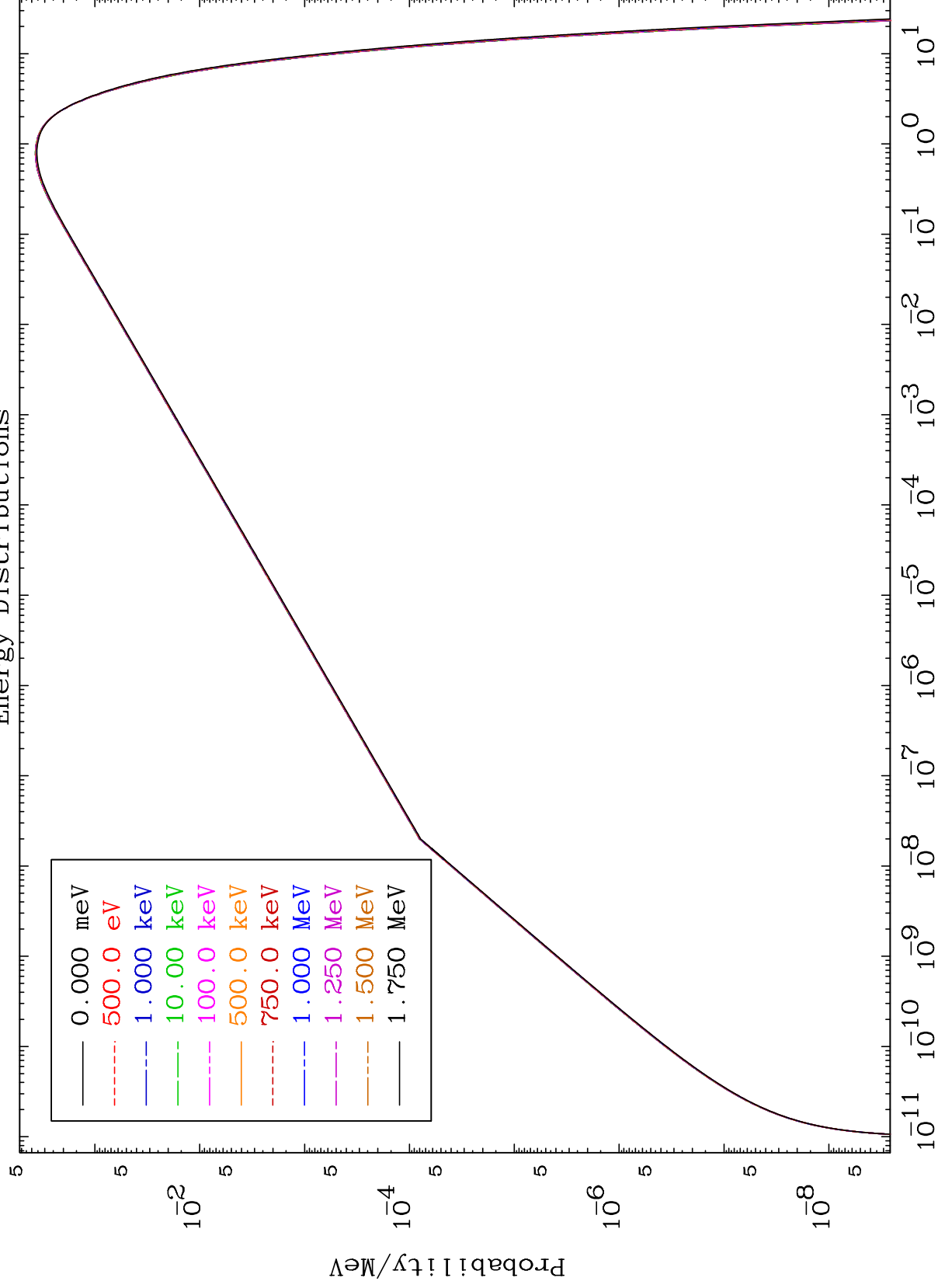




MAT 8749

Fission
Energy Distributions

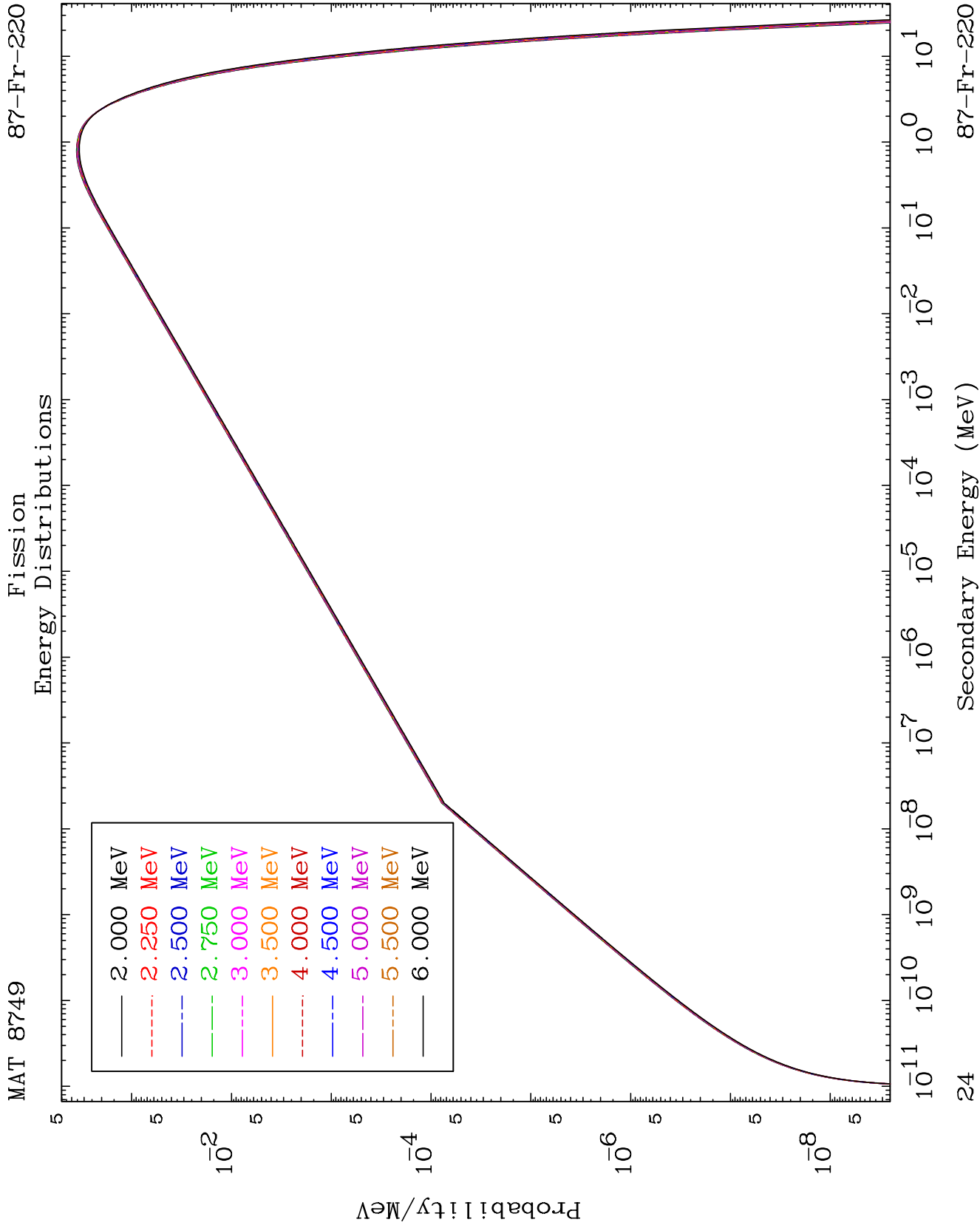
87-Fr-220



Secondary Energy (MeV)

87-Fr-220

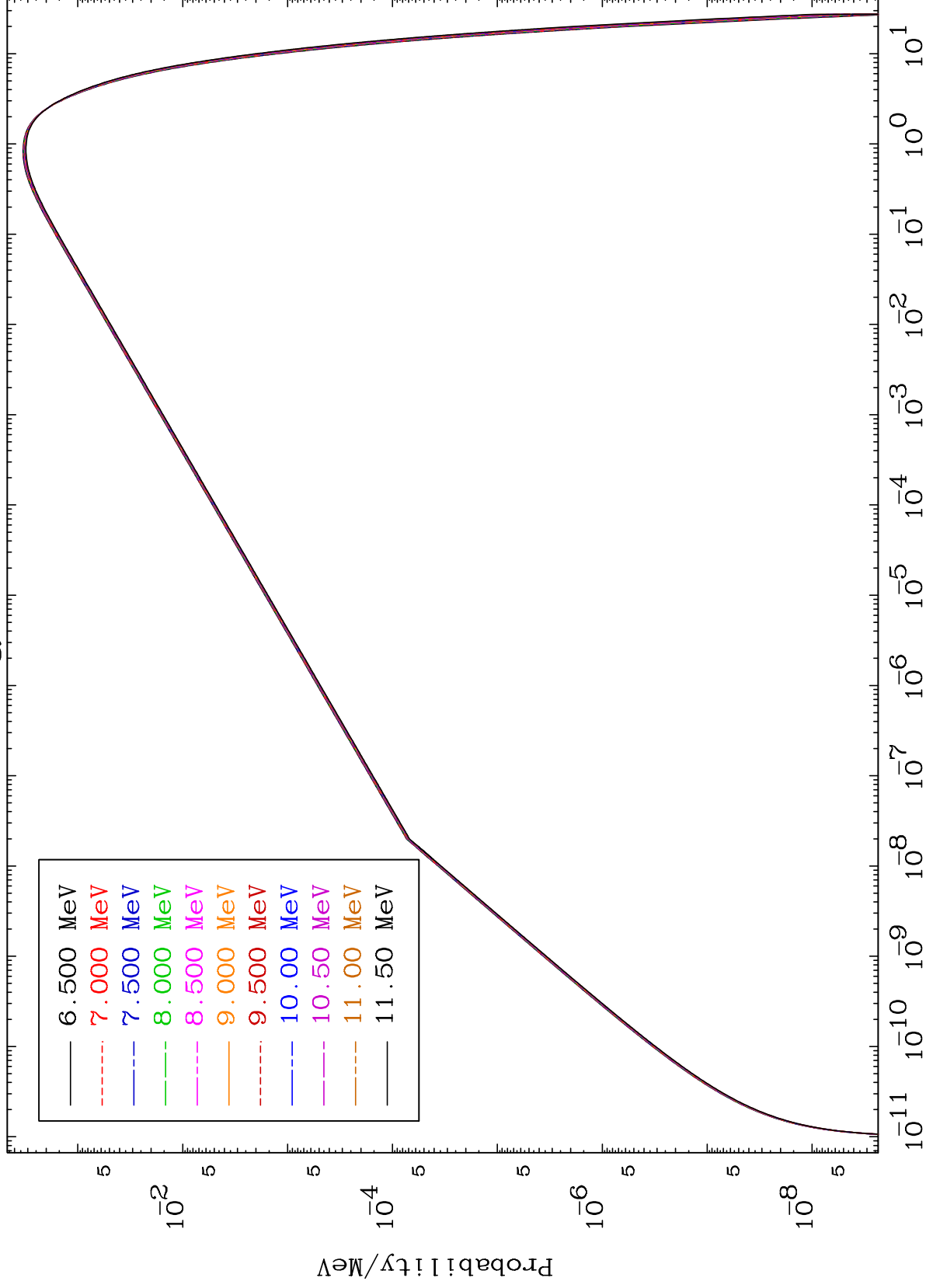
23



MAT 8749

Fission
Energy Distributions

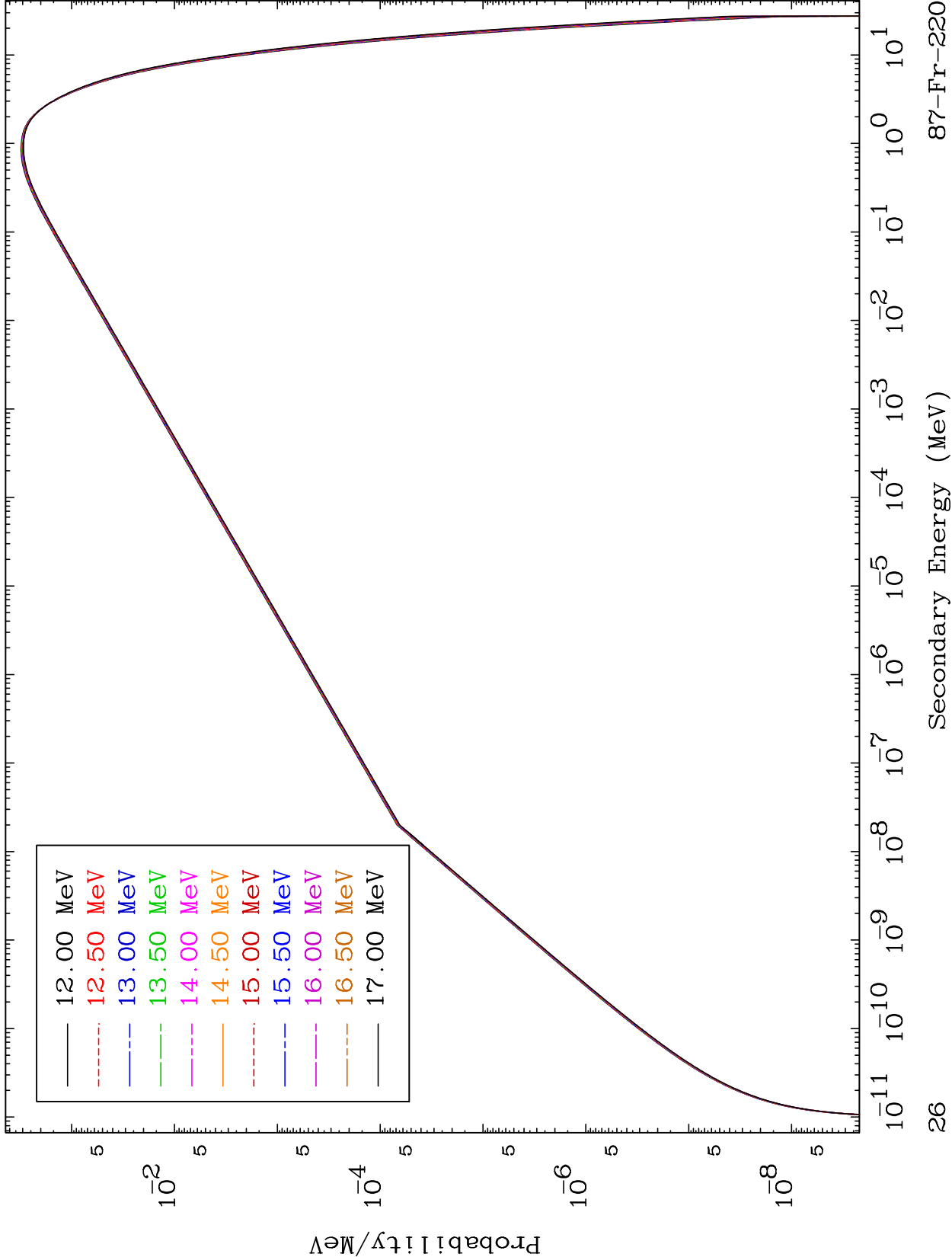
87-Fr-220



25

Secondary Energy (MeV)

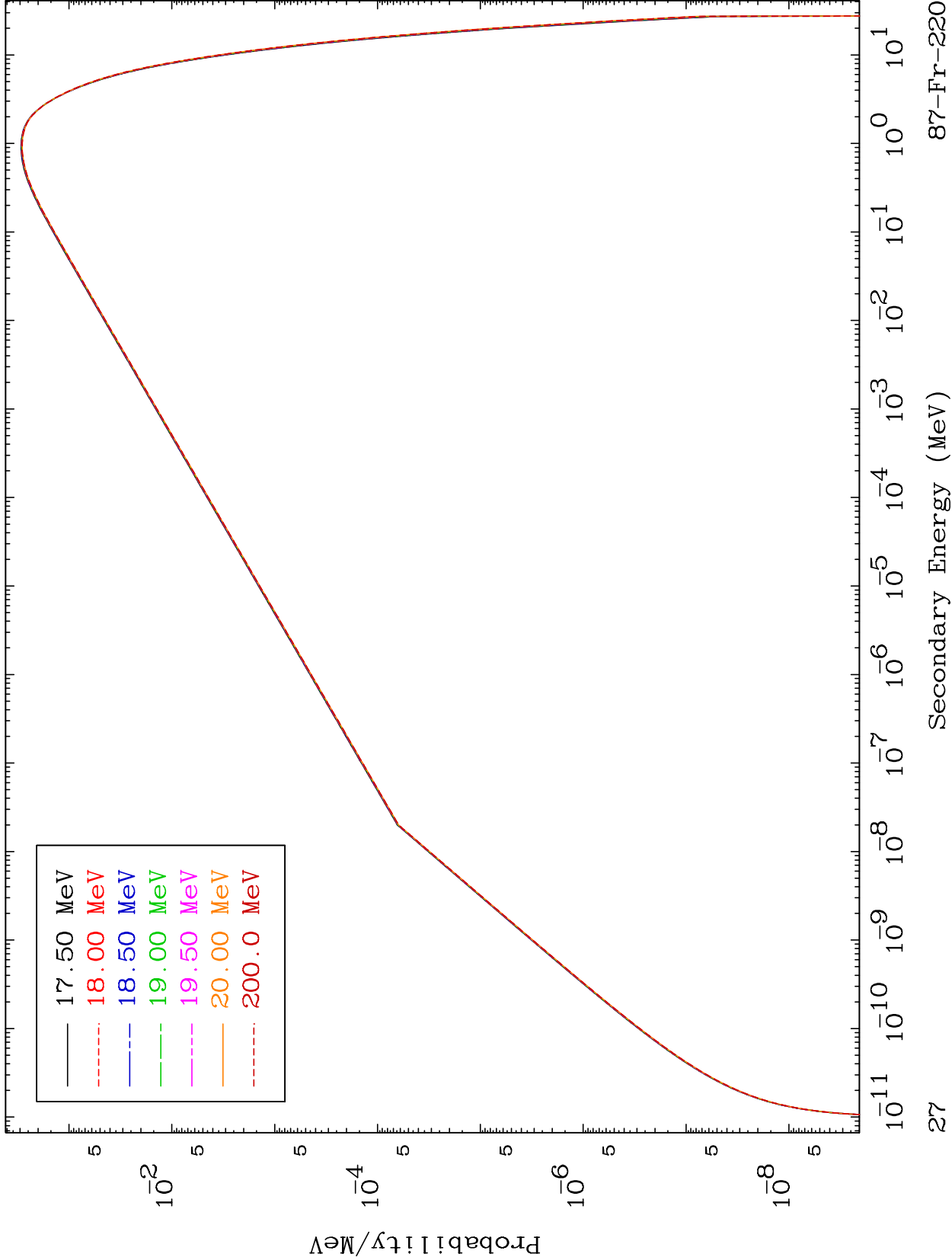
87-Fr-220



MAT 8749

Fission
Energy Distributions

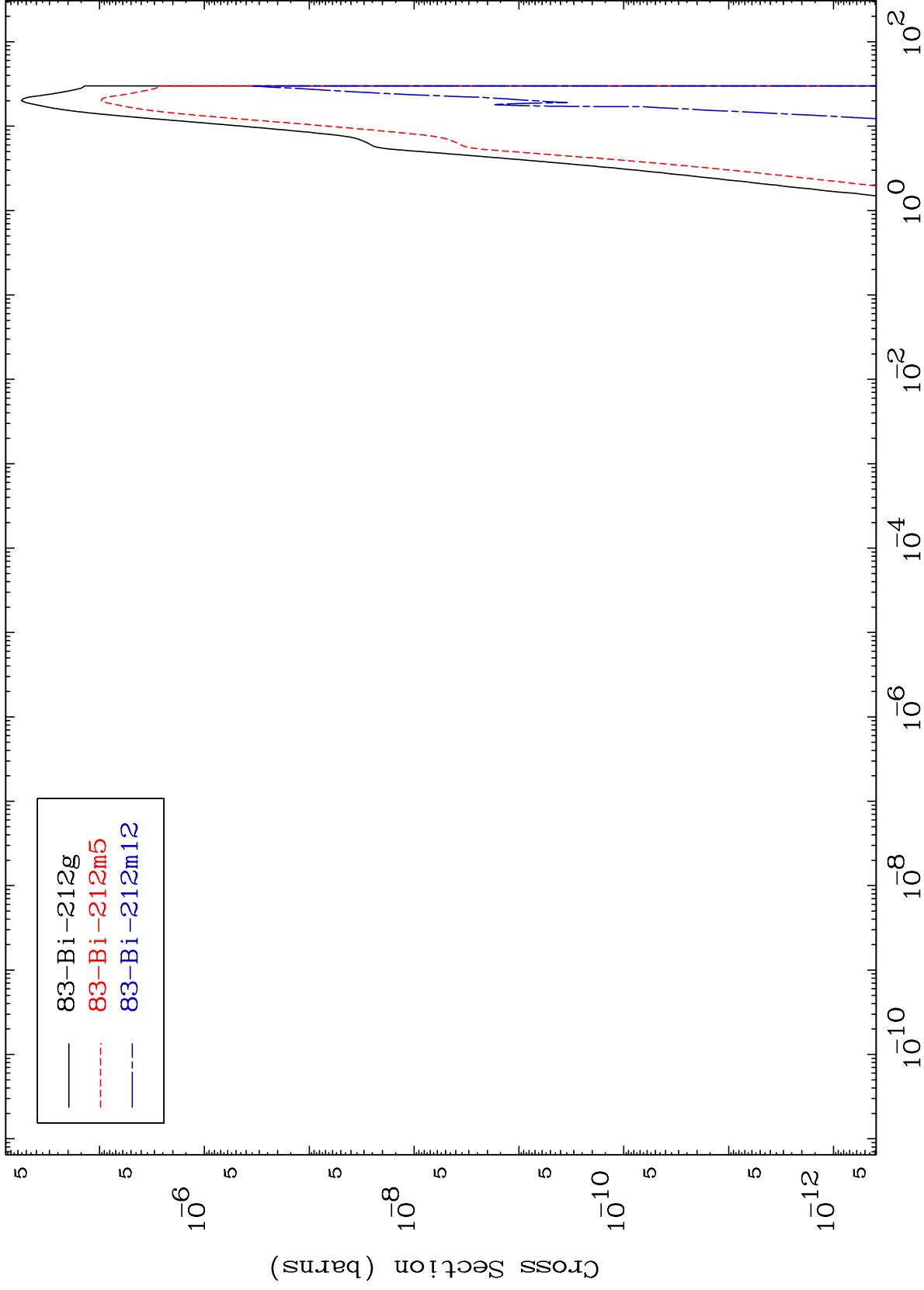
87-Fr-220



MAT 8749

87-Fr-220

(n,n') 2α
Radionuclide Production Cross Section



28

87-Fr-220