

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

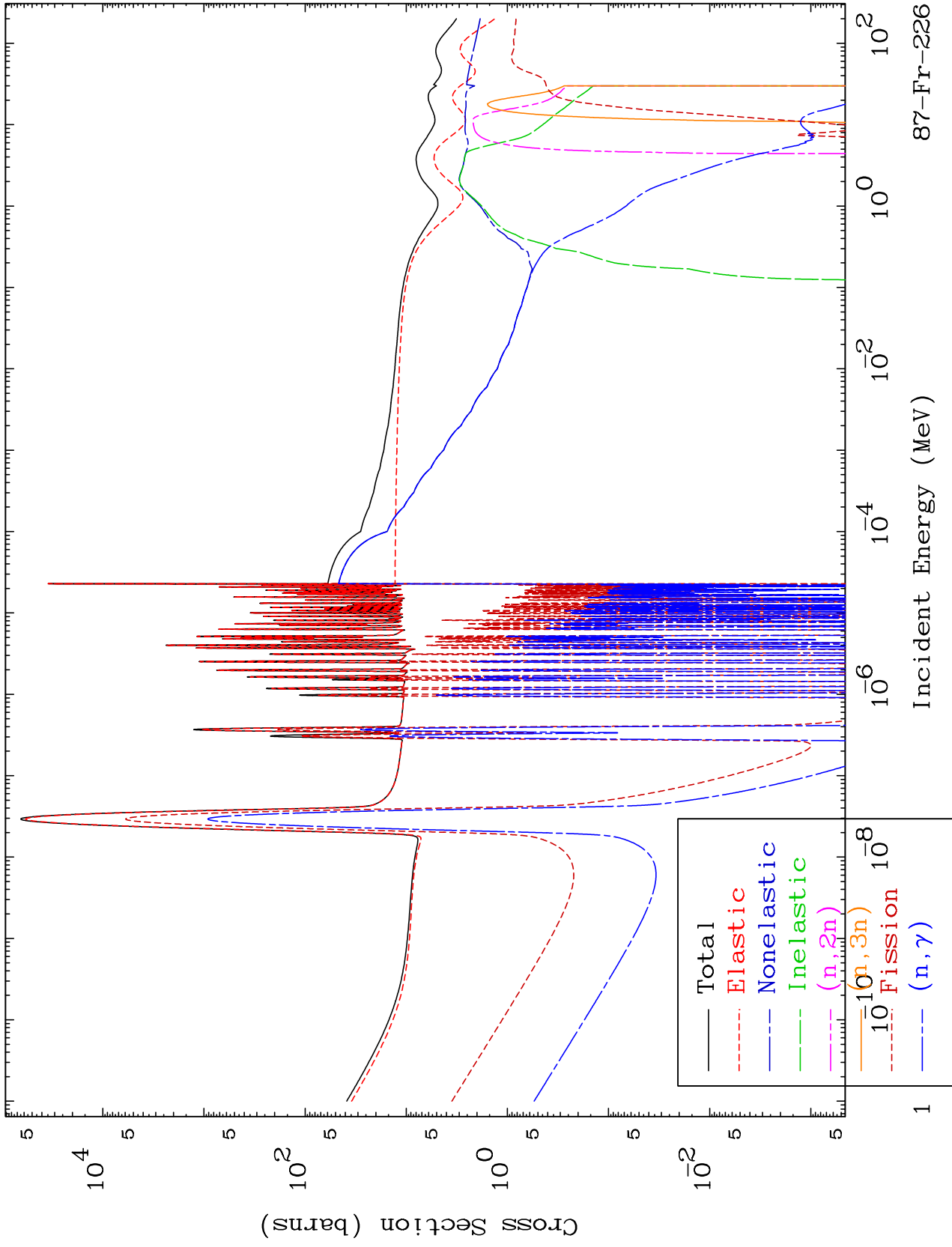
Web:redcullen1.net/HOMEPAGE.NEW

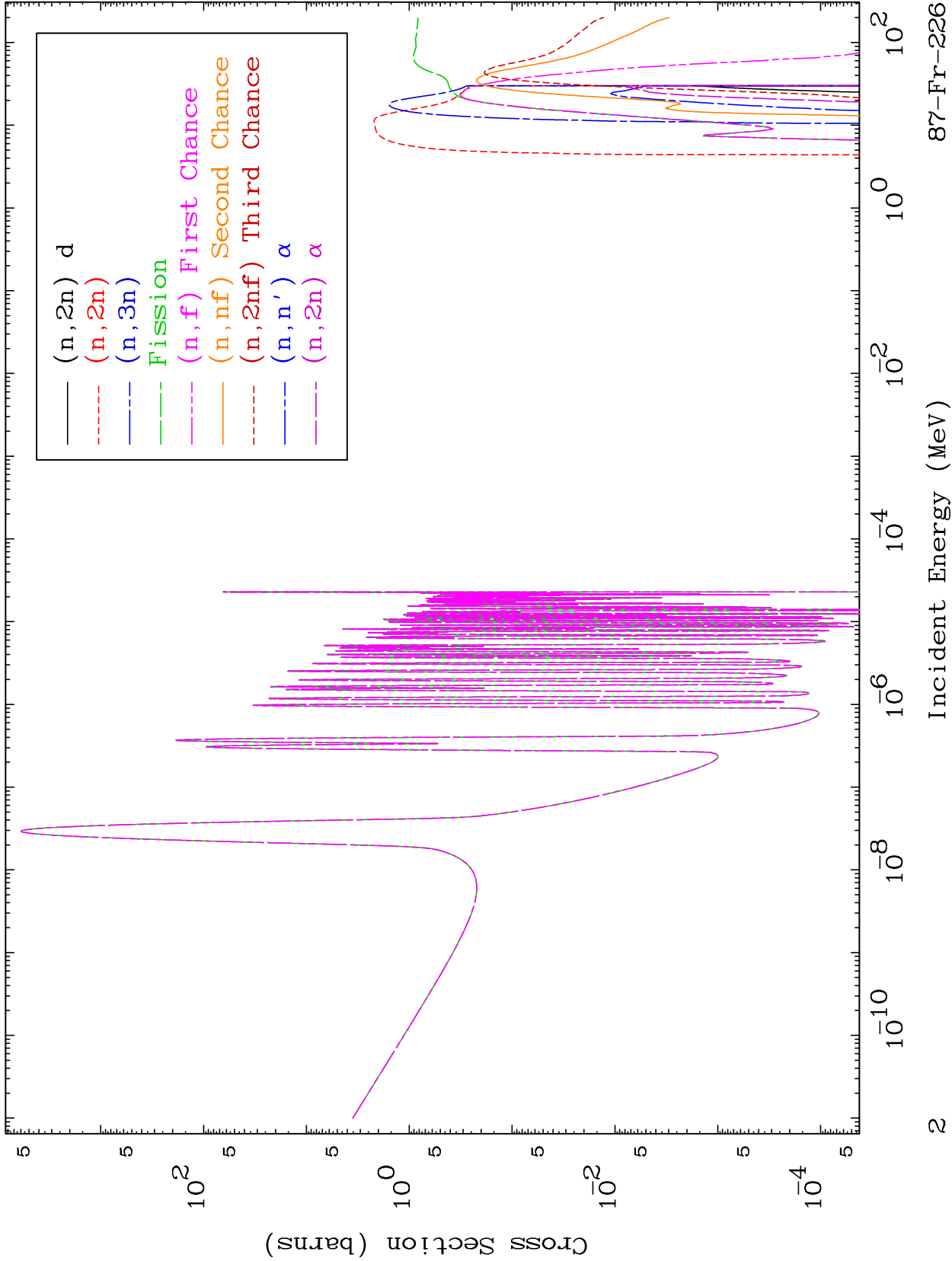
Press Mouse Button to Start

MAT 8767

Neutron Major
293 Kelvin Cross Sections

87-Fr-226

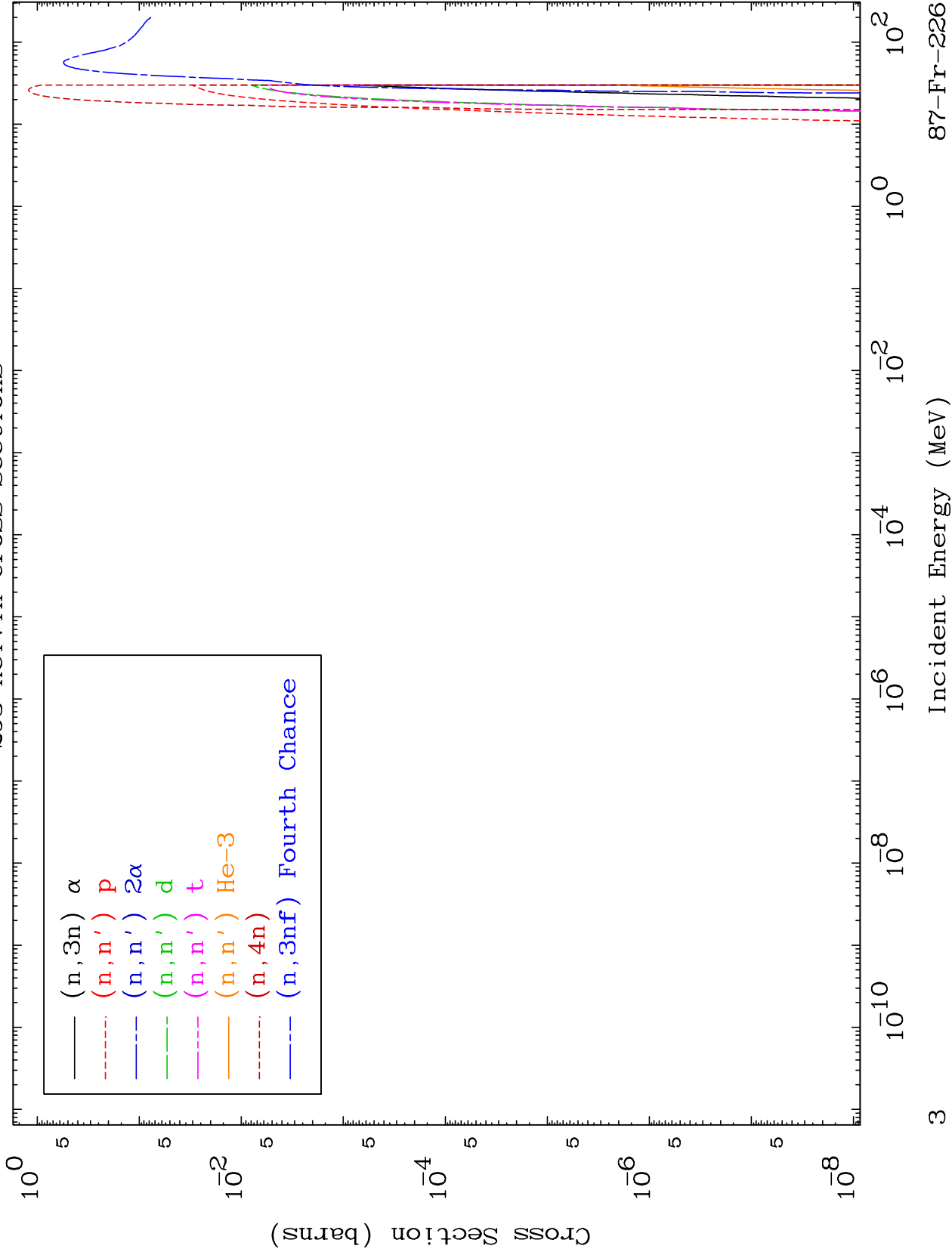




MAT 8767

Neutron Absorption
293 Kelvin Cross Sections

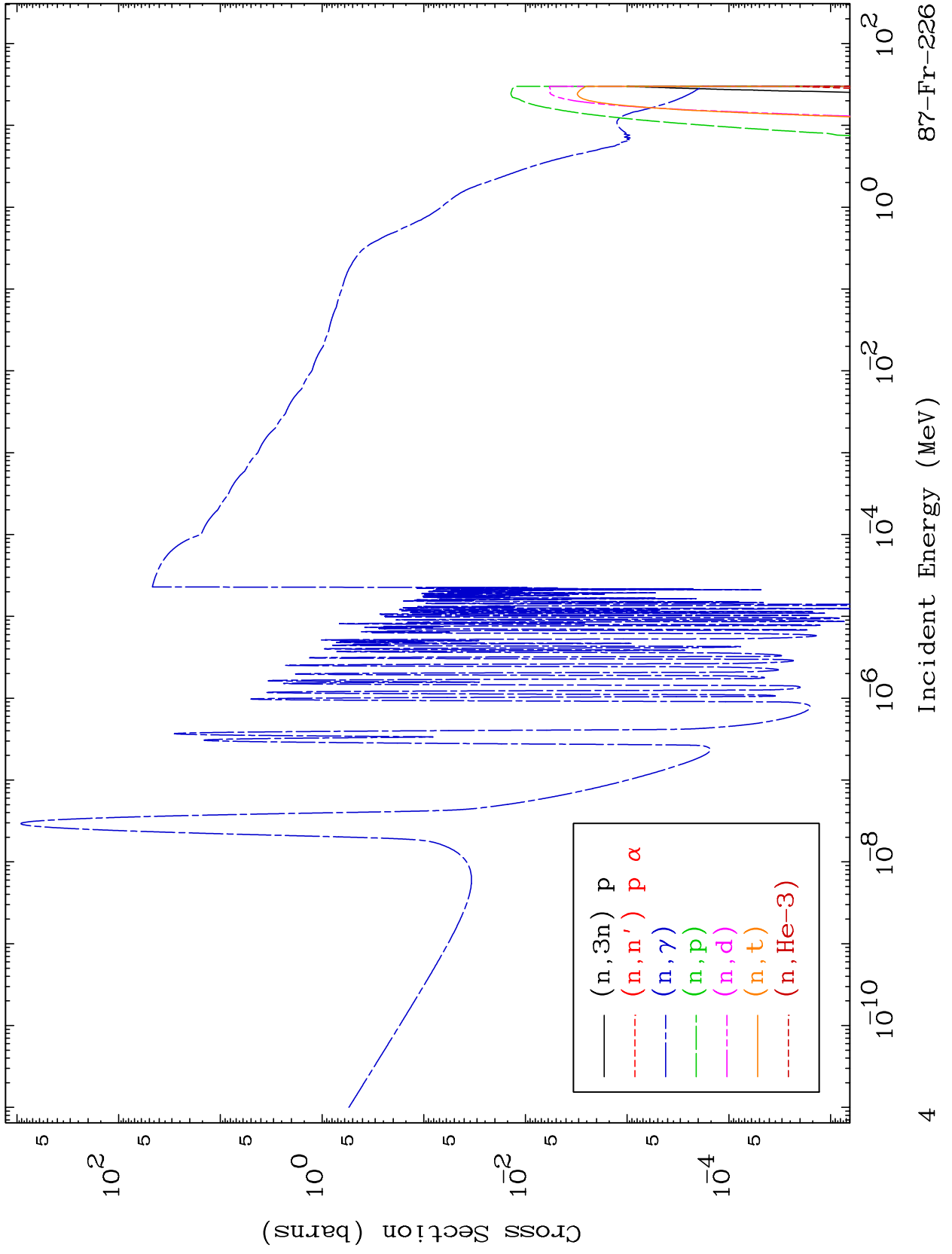
87-Fr-226



MAT 8767

Neutron Absorption
293 Kelvin Cross Sections

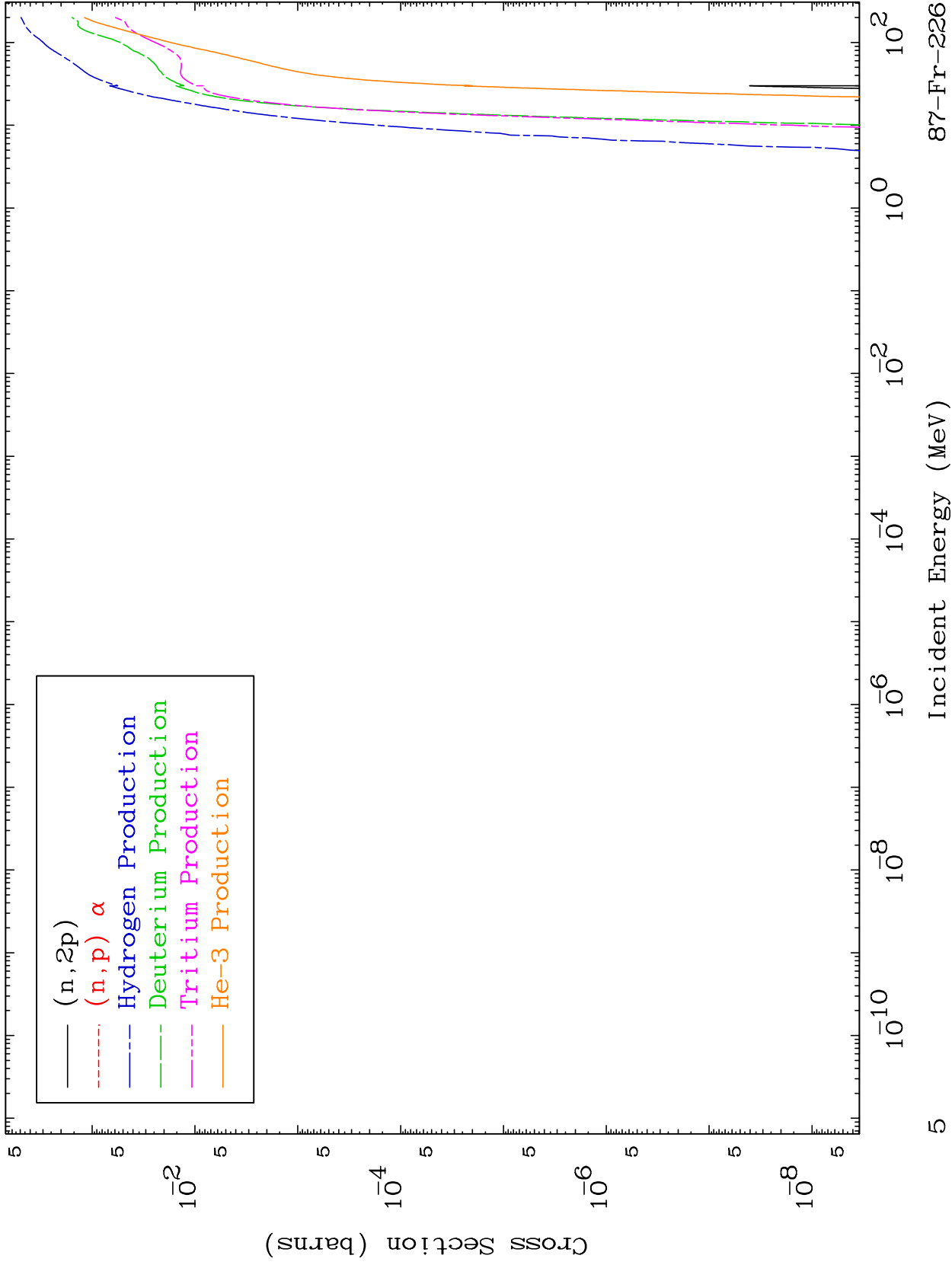
87-Fr-226



MAT 8767

Neutron Absorption
293 Kelvin Cross Sections

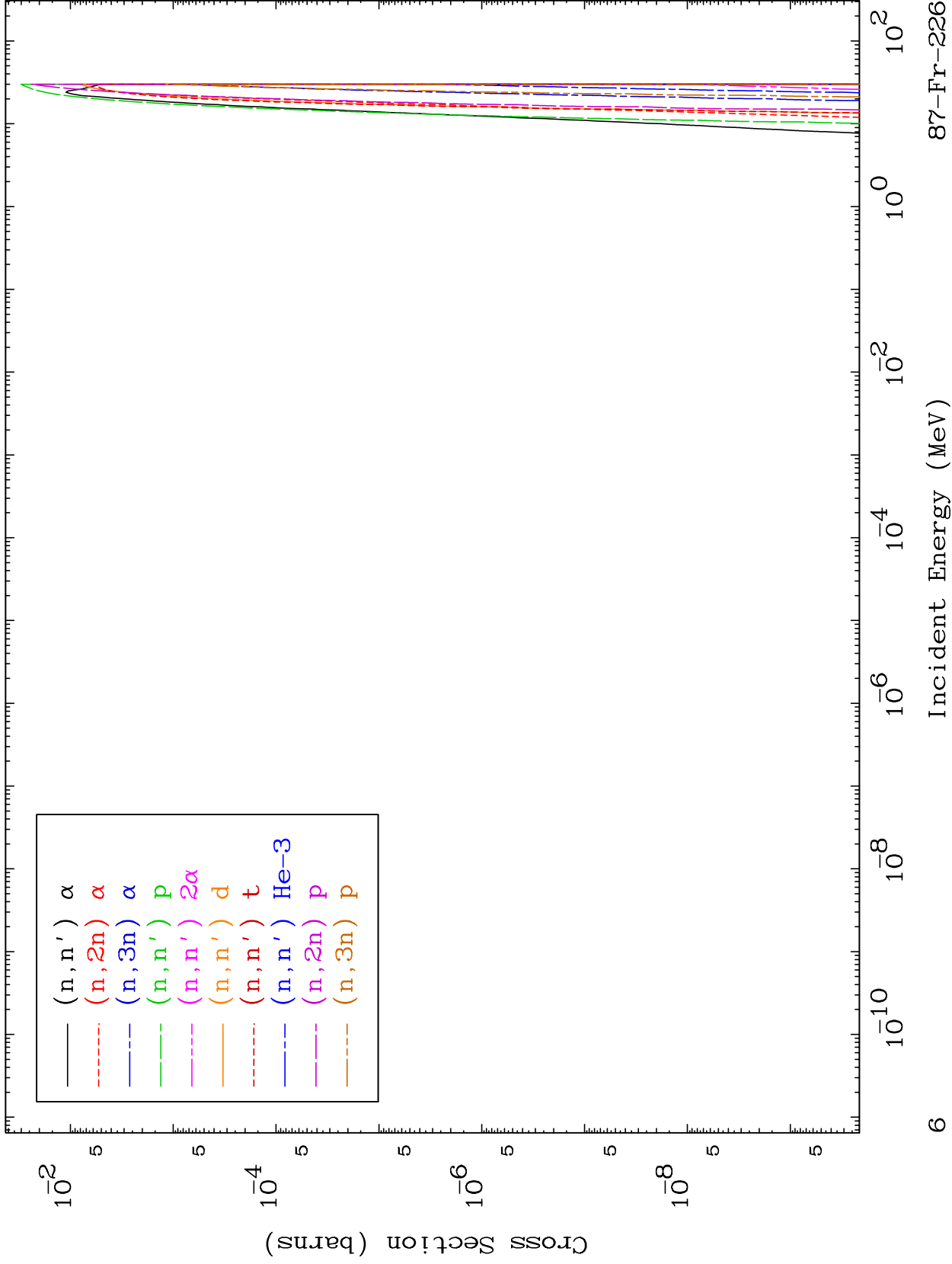
87-Fr-226



MAT 8767

Charged Particle
293 Kelvin Cross Sections

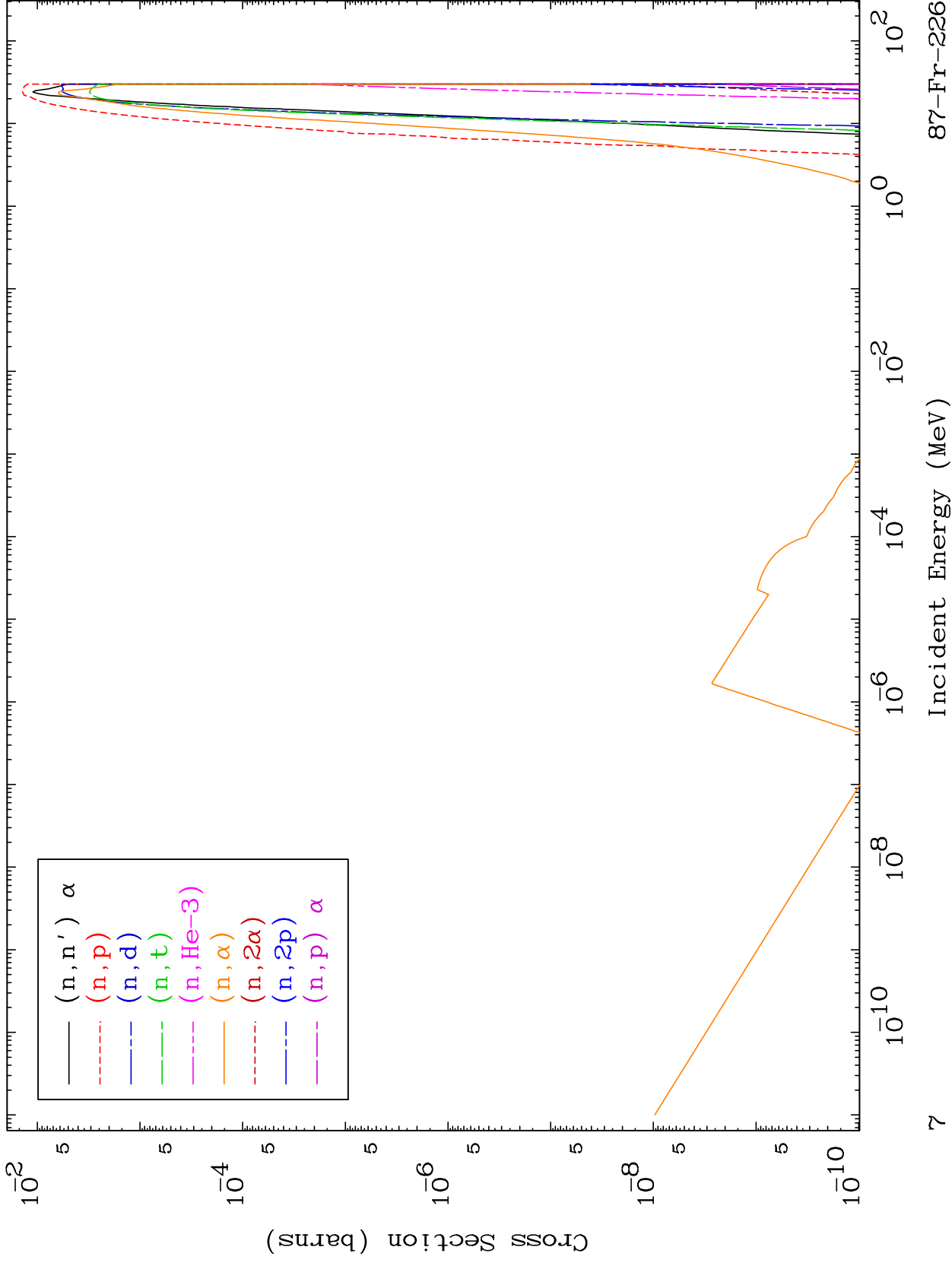
87-Fr-226

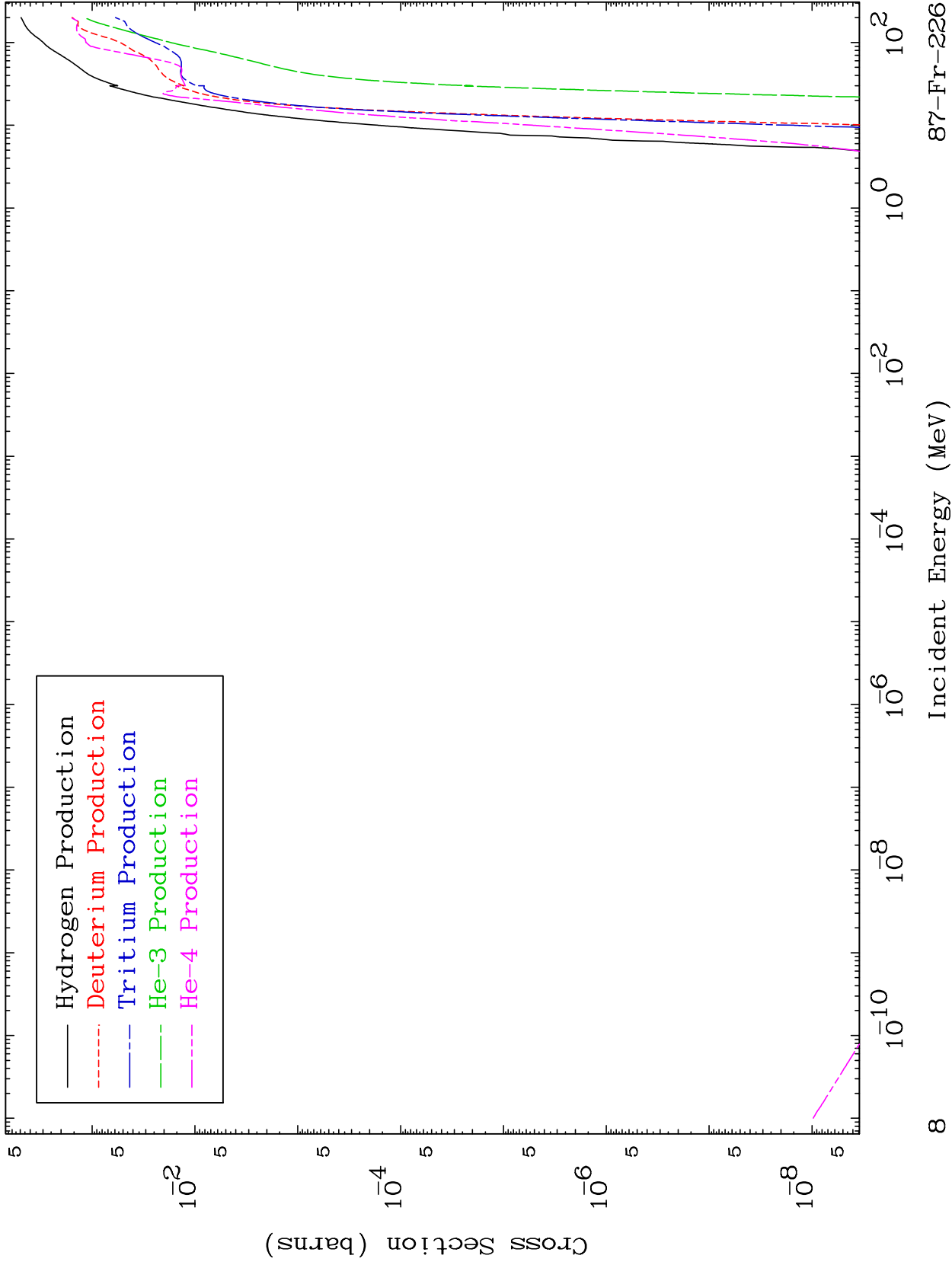


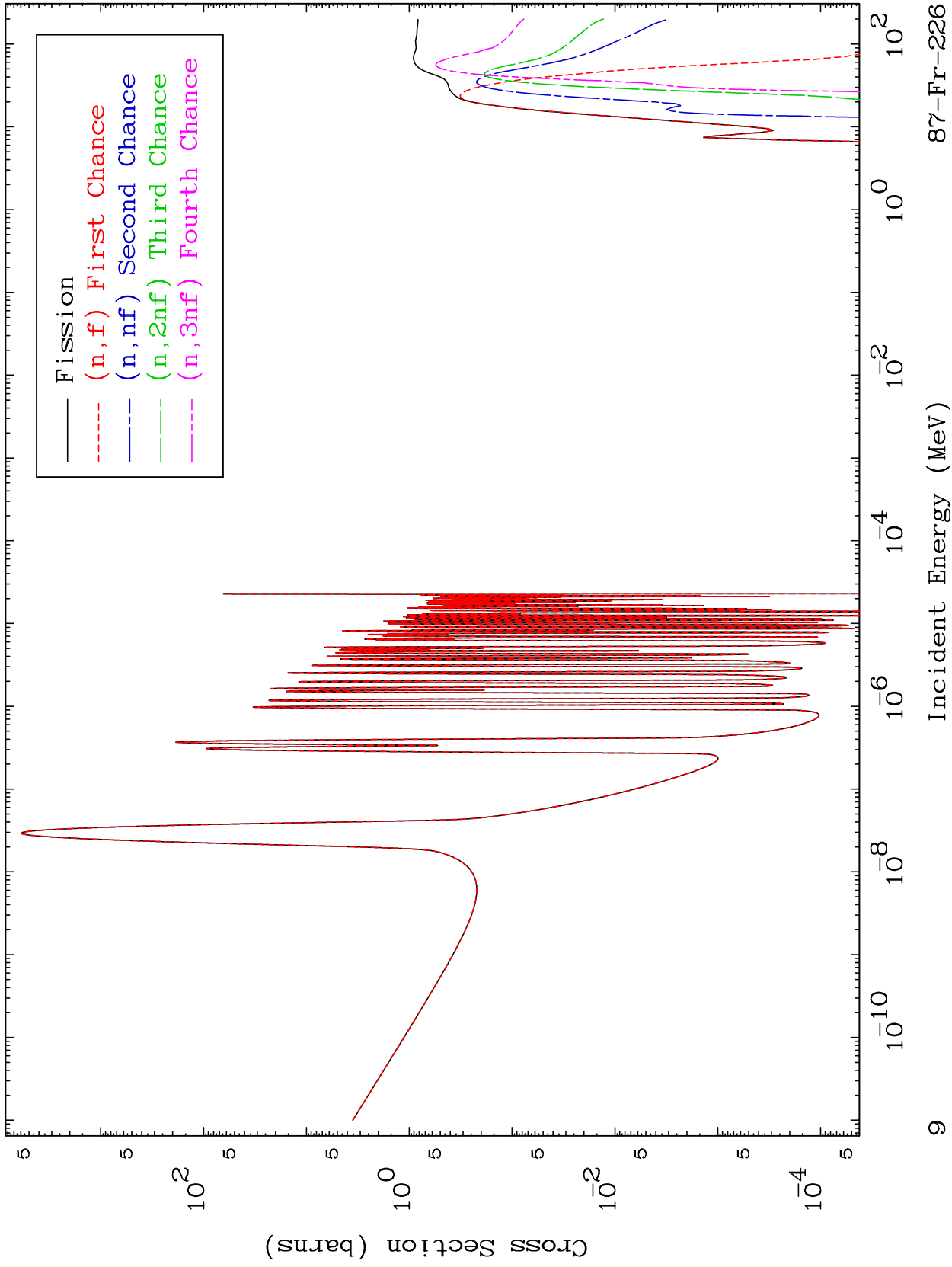
MAT 8767

Charged Particle
293 Kelvin Cross Sections

87-Fr-226



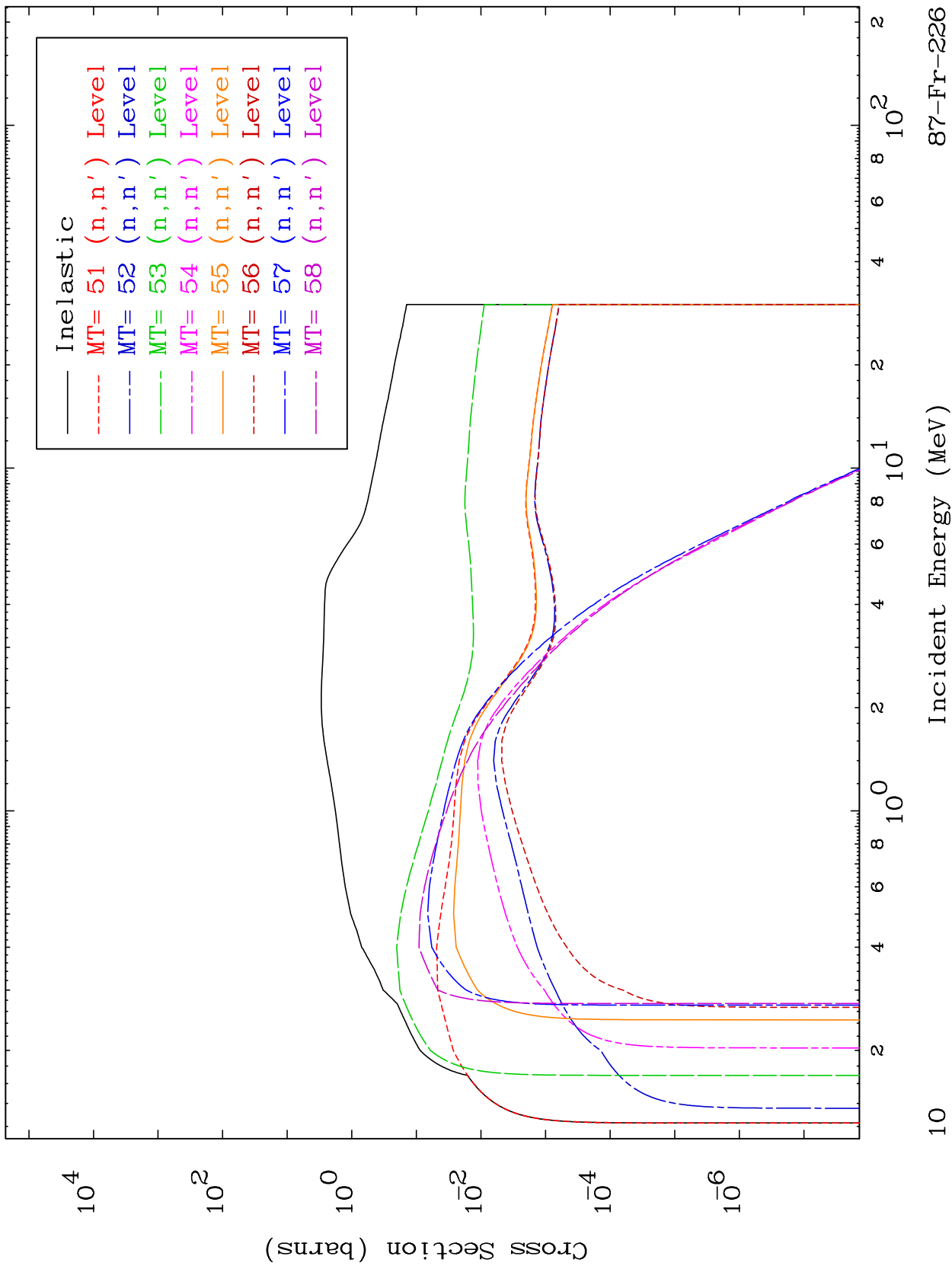




MAT 8767

(n,n') Levels
293 Kelvin Cross Sections

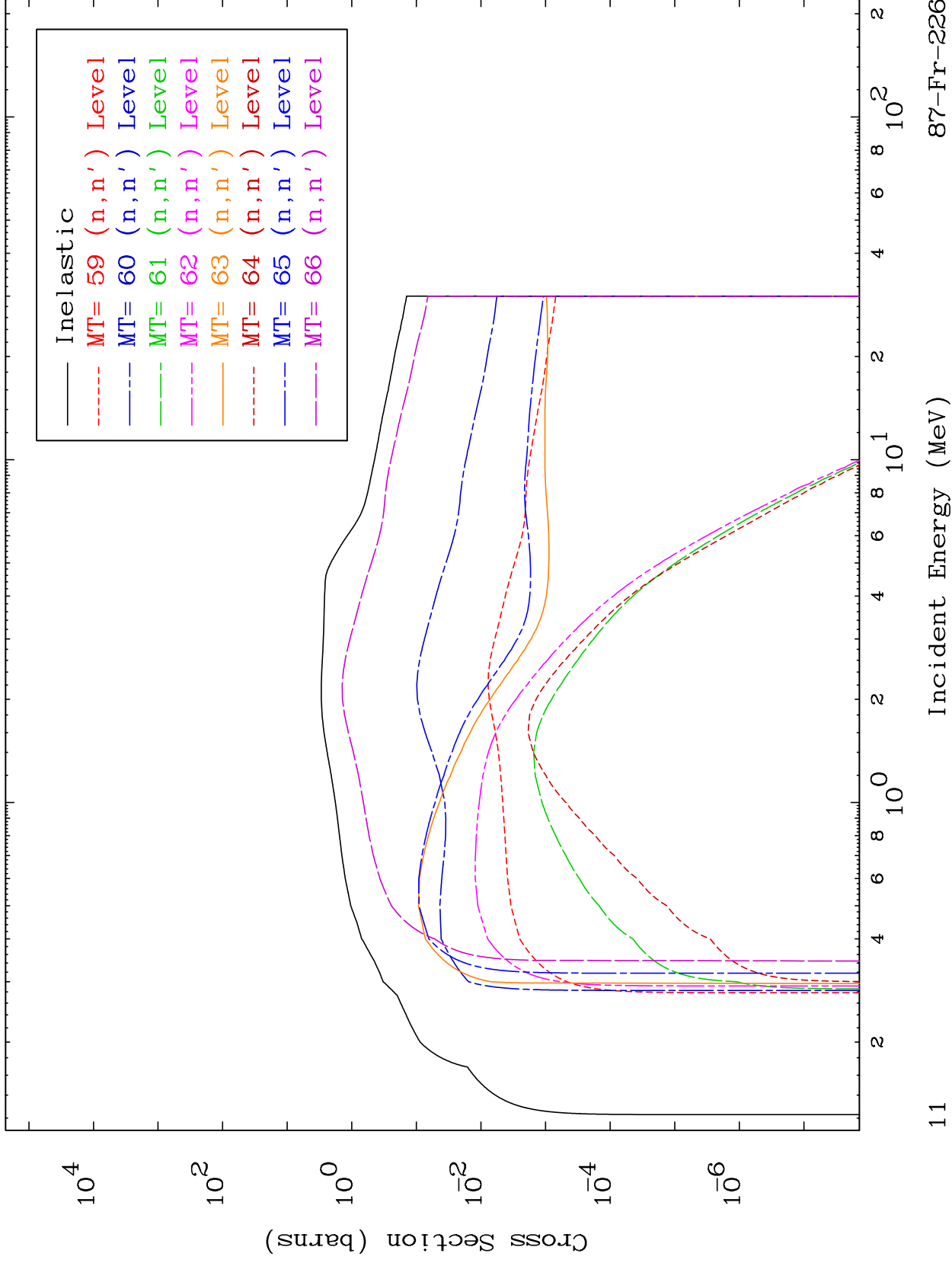
87-Fr-226

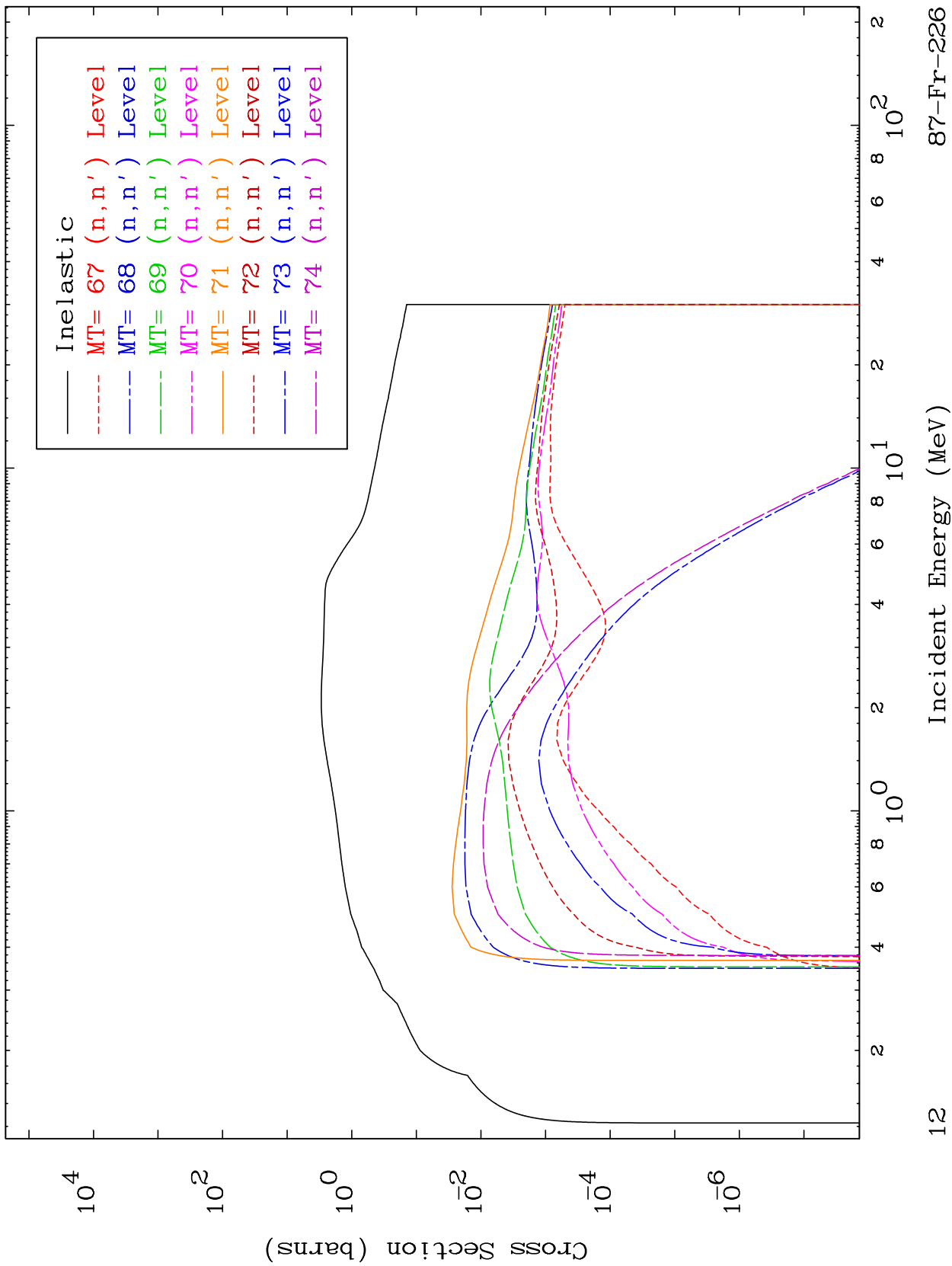


87-Fr-226

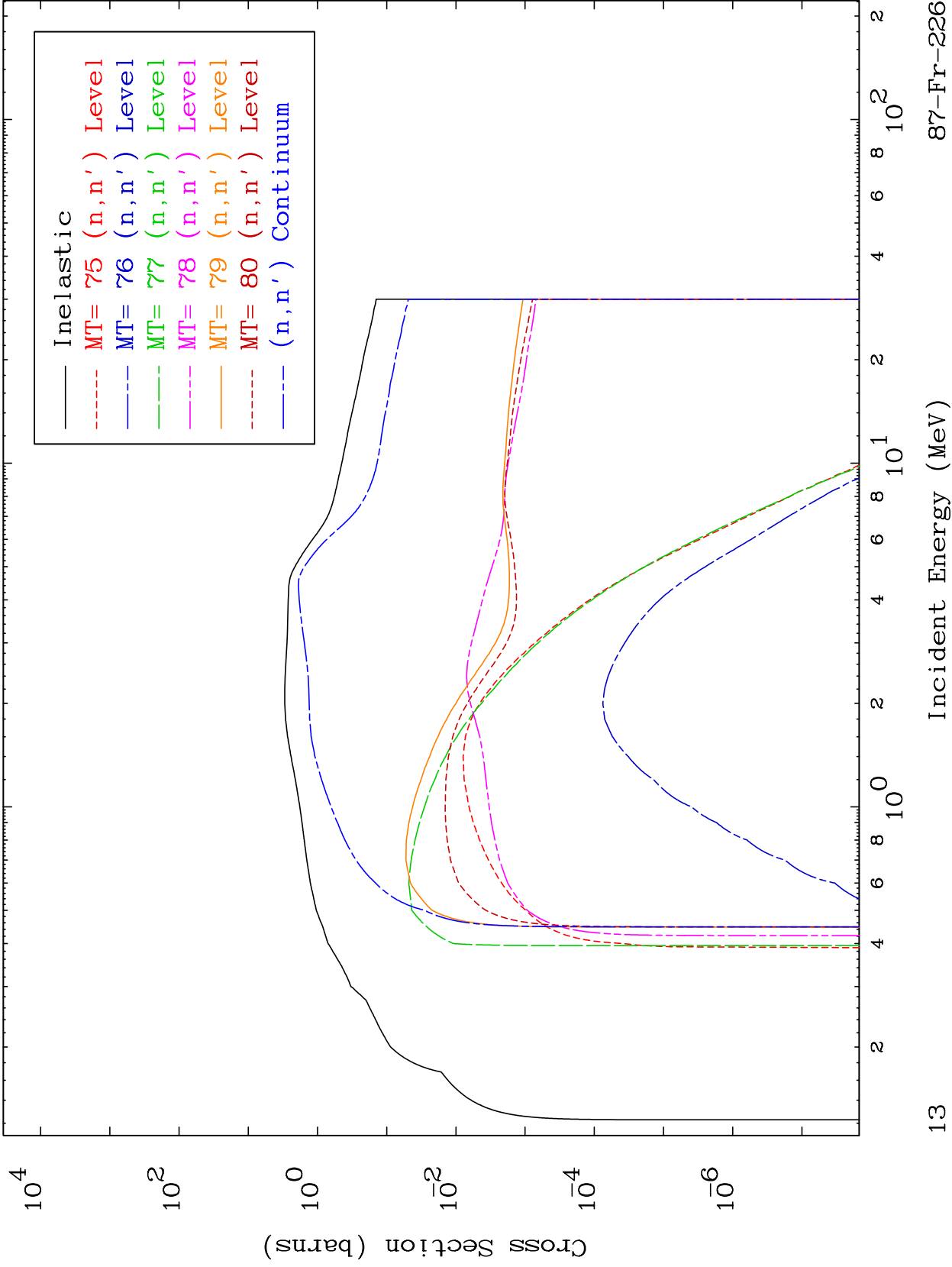
Incident Energy (MeV)

10





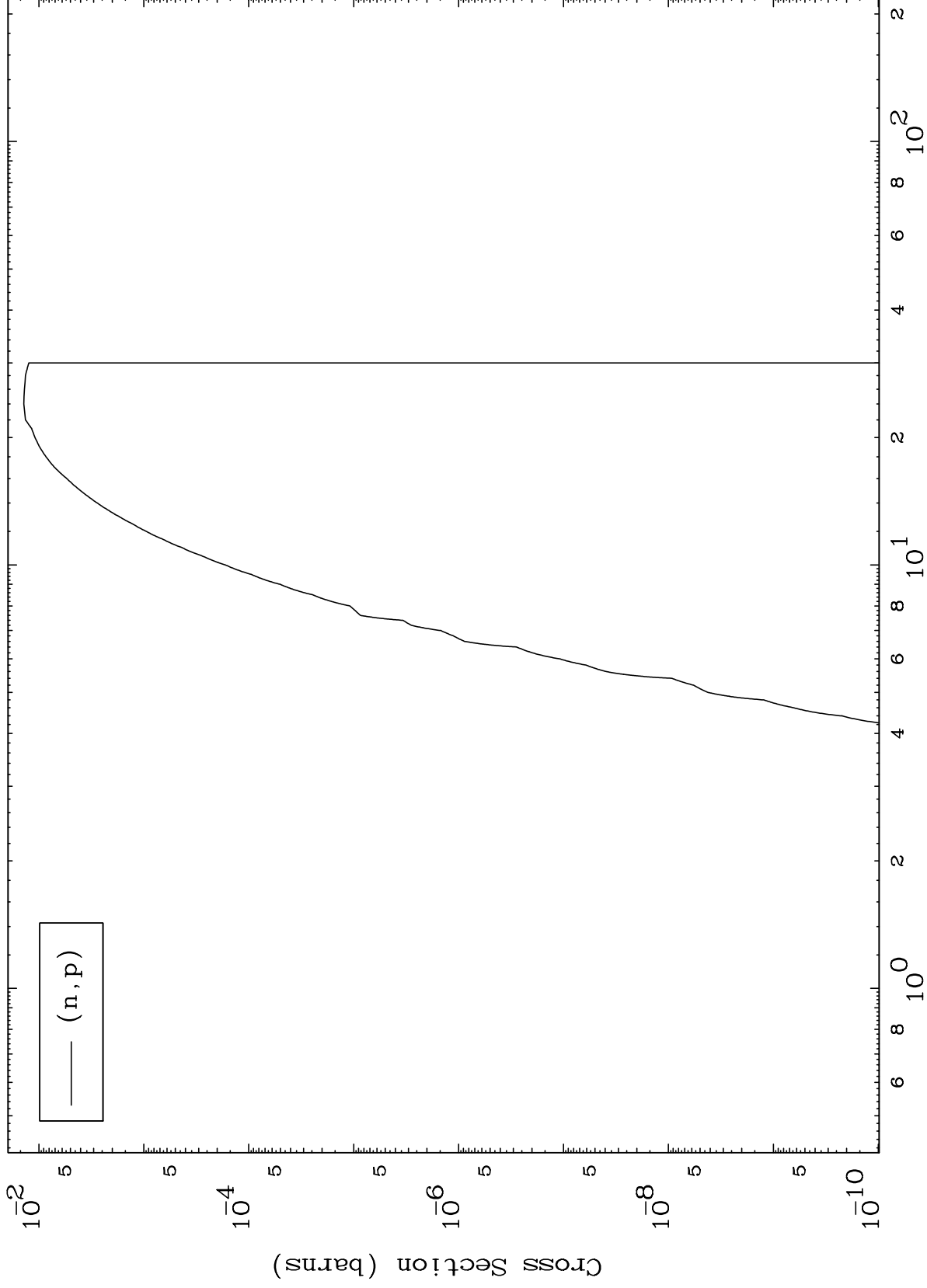
293 Kelvin Cross Sections



MAT 8767

(n,p) Levels
293 Kelvin Cross Sections

87-Fr-226



14

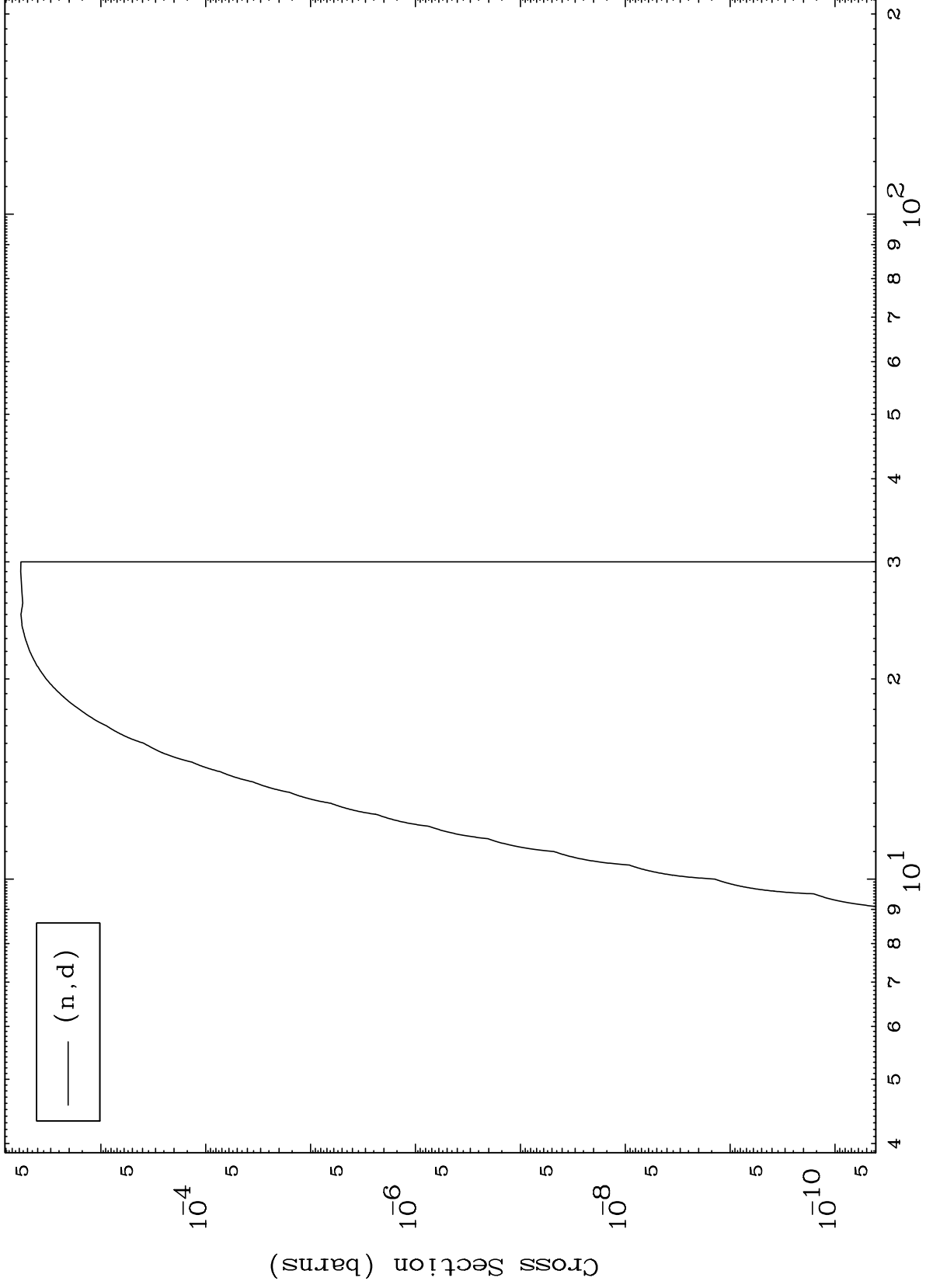
Incident Energy (MeV)

87-Fr-226

MAT 8767

(n,d) Levels
293 Kelvin Cross Sections

87-Fr-226



15

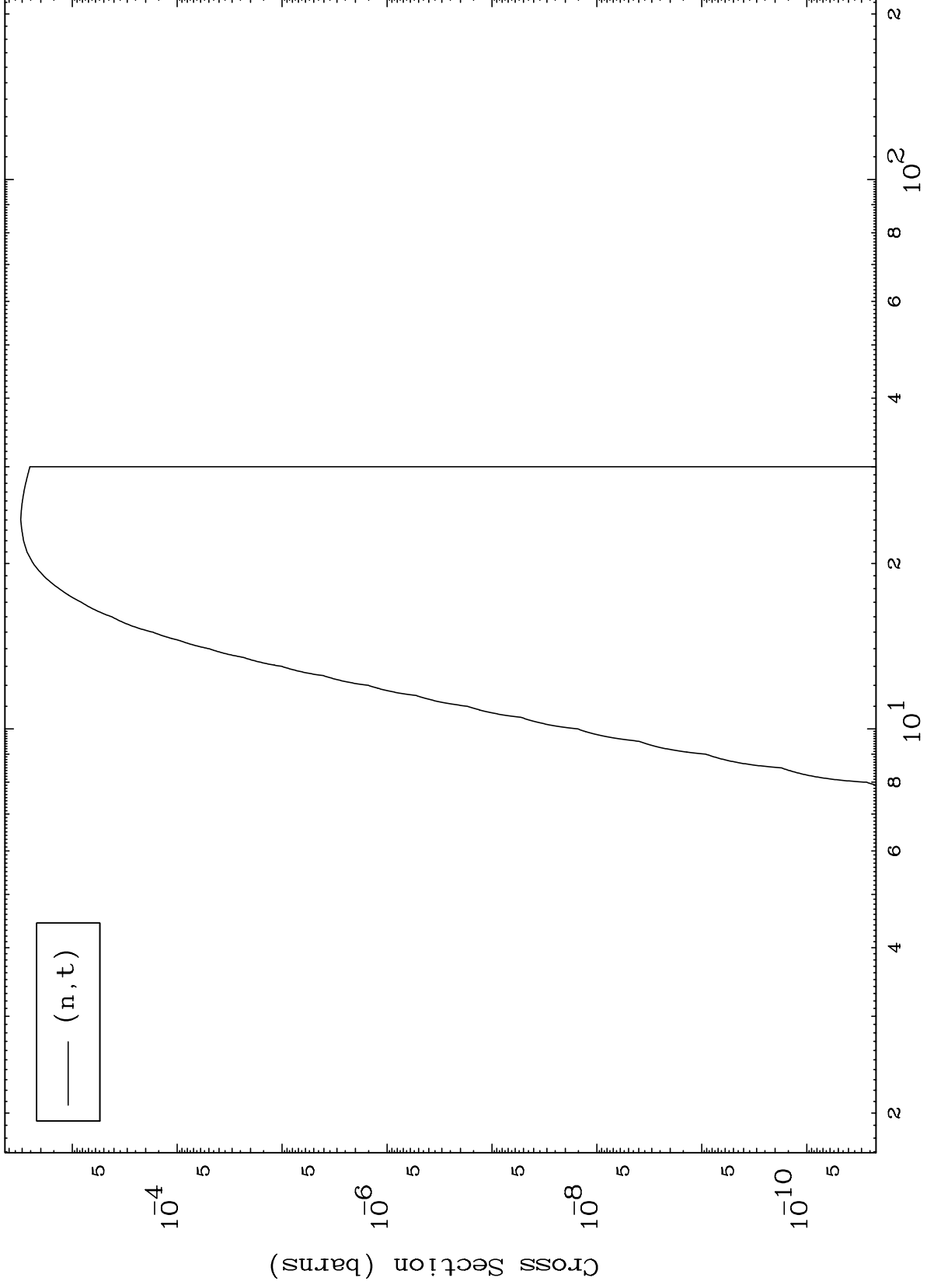
Incident Energy (MeV)

87-Fr-226

MAT 8767

(n,t) Levels
293 Kelvin Cross Sections

87-Fr-226



16

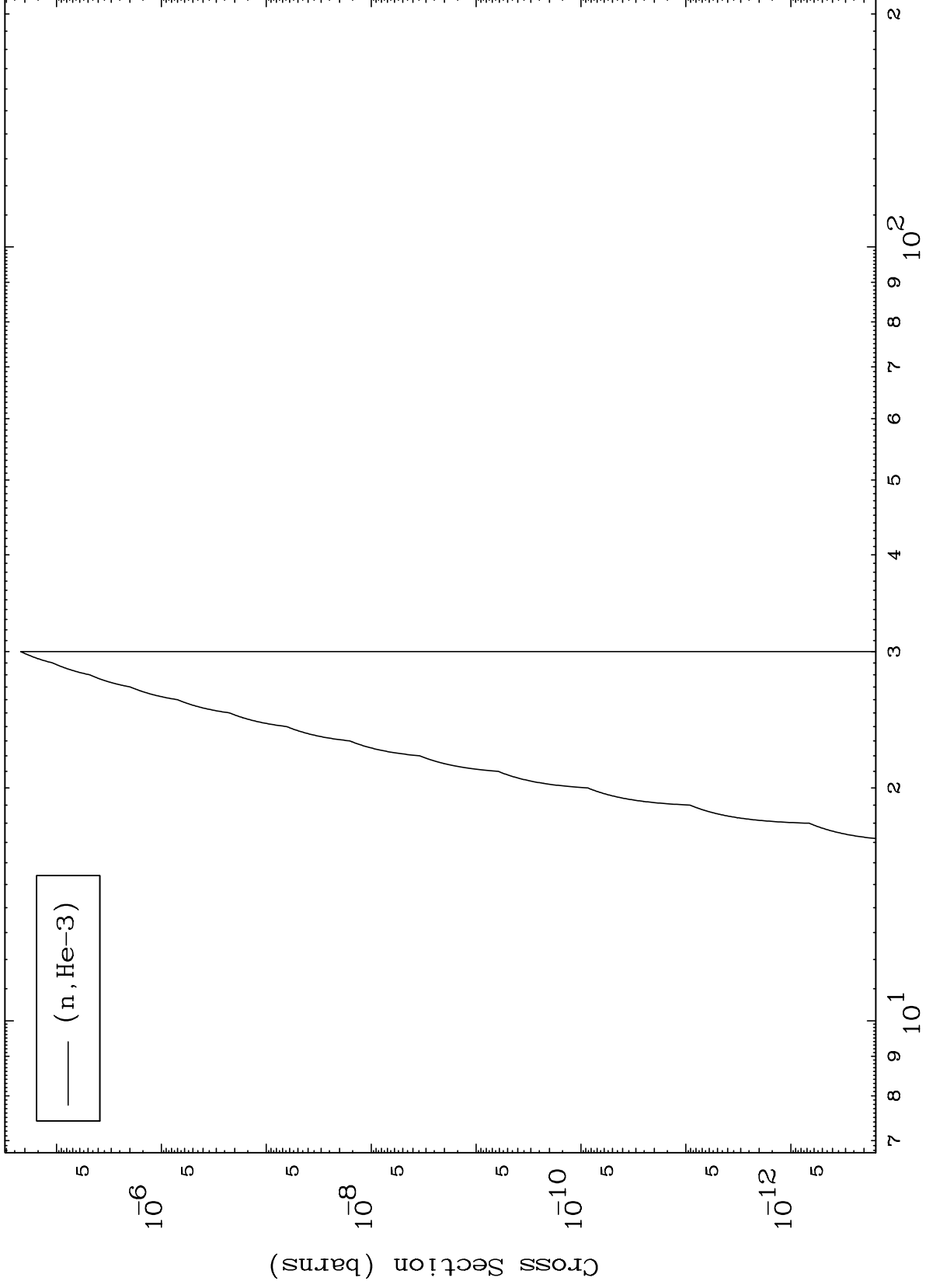
Incident Energy (MeV)

87-Fr-226

MAT 8767

(n,He3) Levels
293 Kelvin Cross Sections

87-Fr-226



17

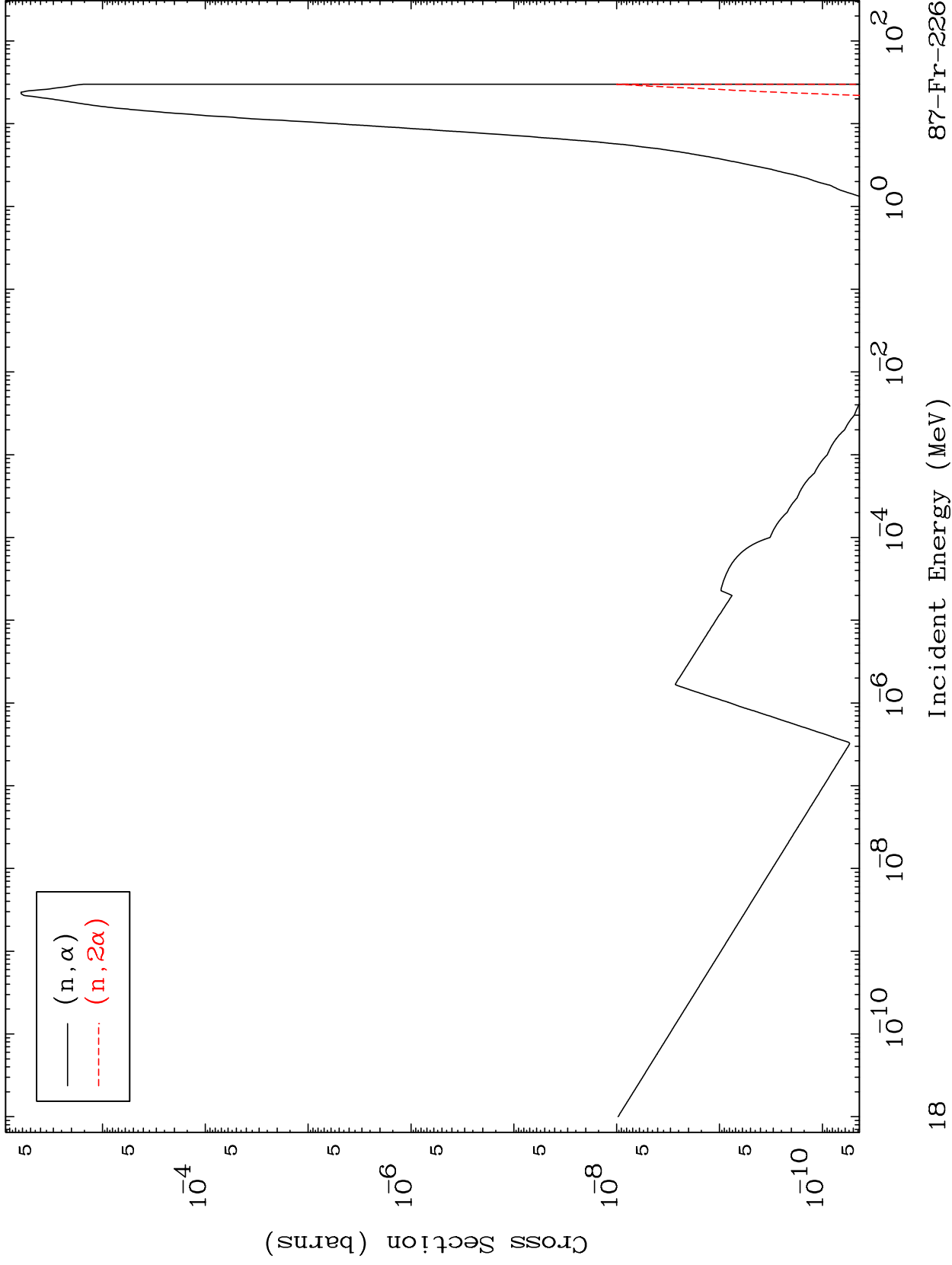
Incident Energy (MeV)

87-Fr-226

MAT 8767

(n, α) Levels
293 Kelvin Cross Sections

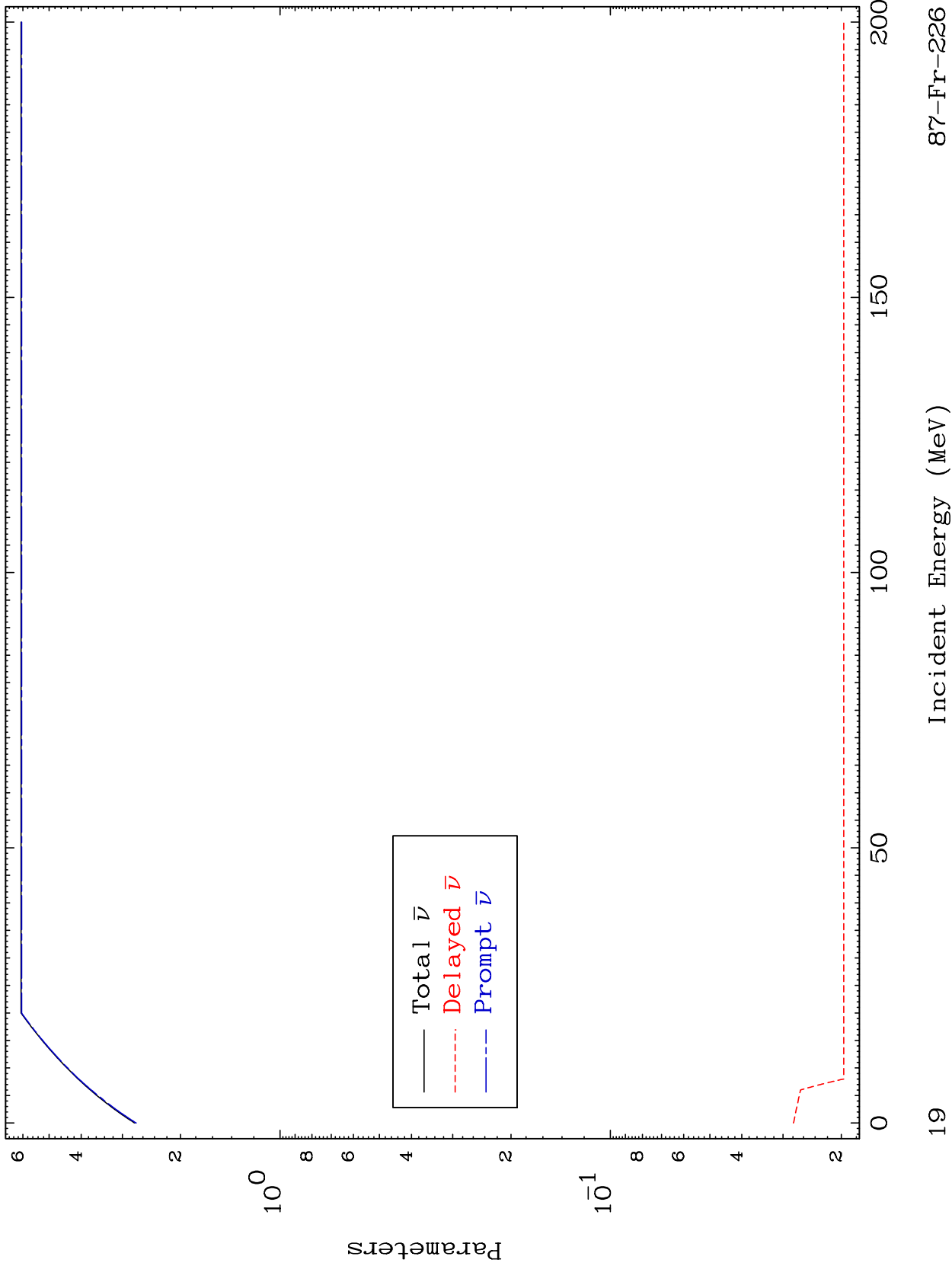
87-Fr-226



MAT 8767

Energy Release
Parameters

87-Fr-226



19

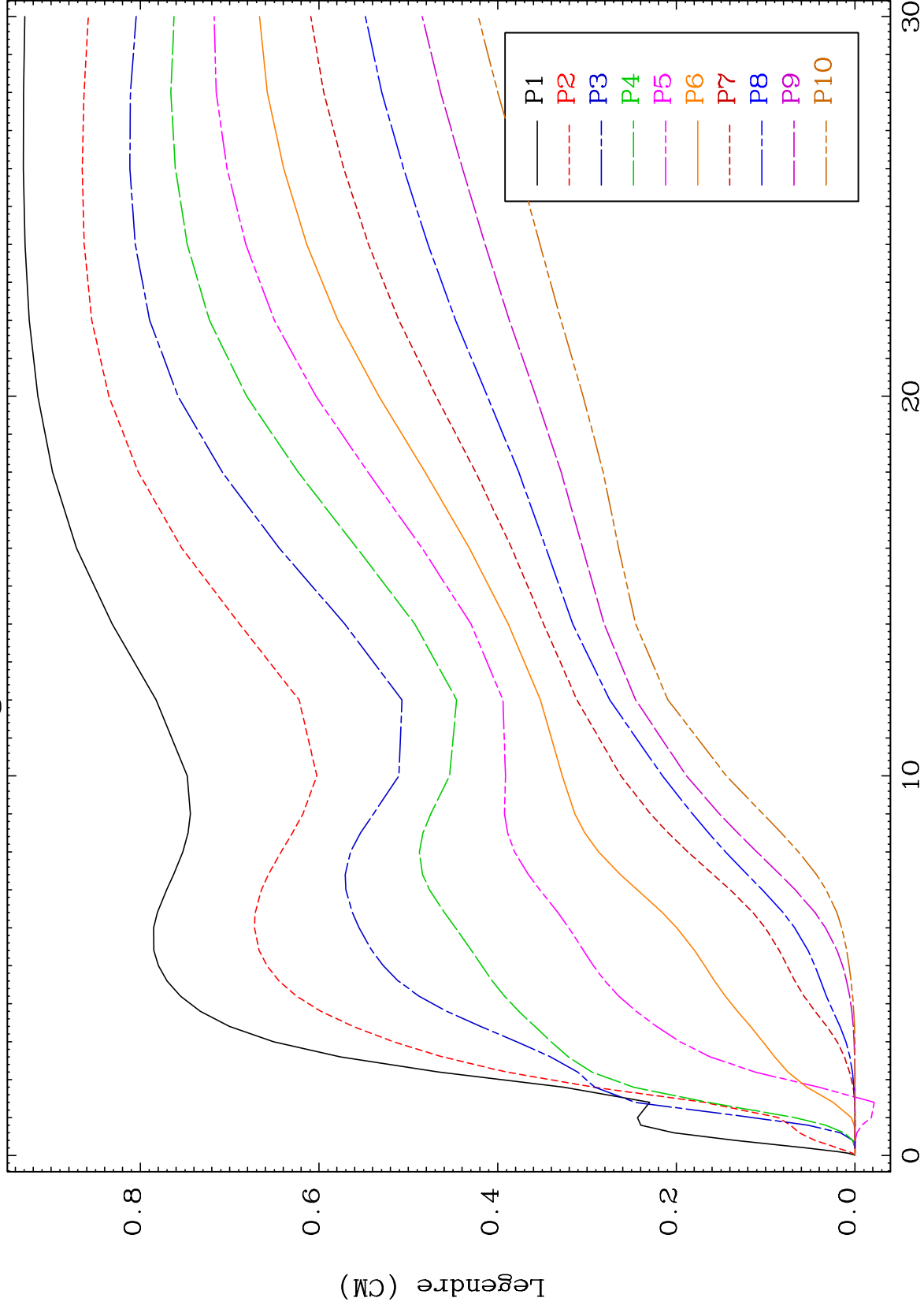
Incident Energy (MeV)

87-Fr-226

MAT 8767

Elastic Legendre Coefficients

87-Fr-226



20

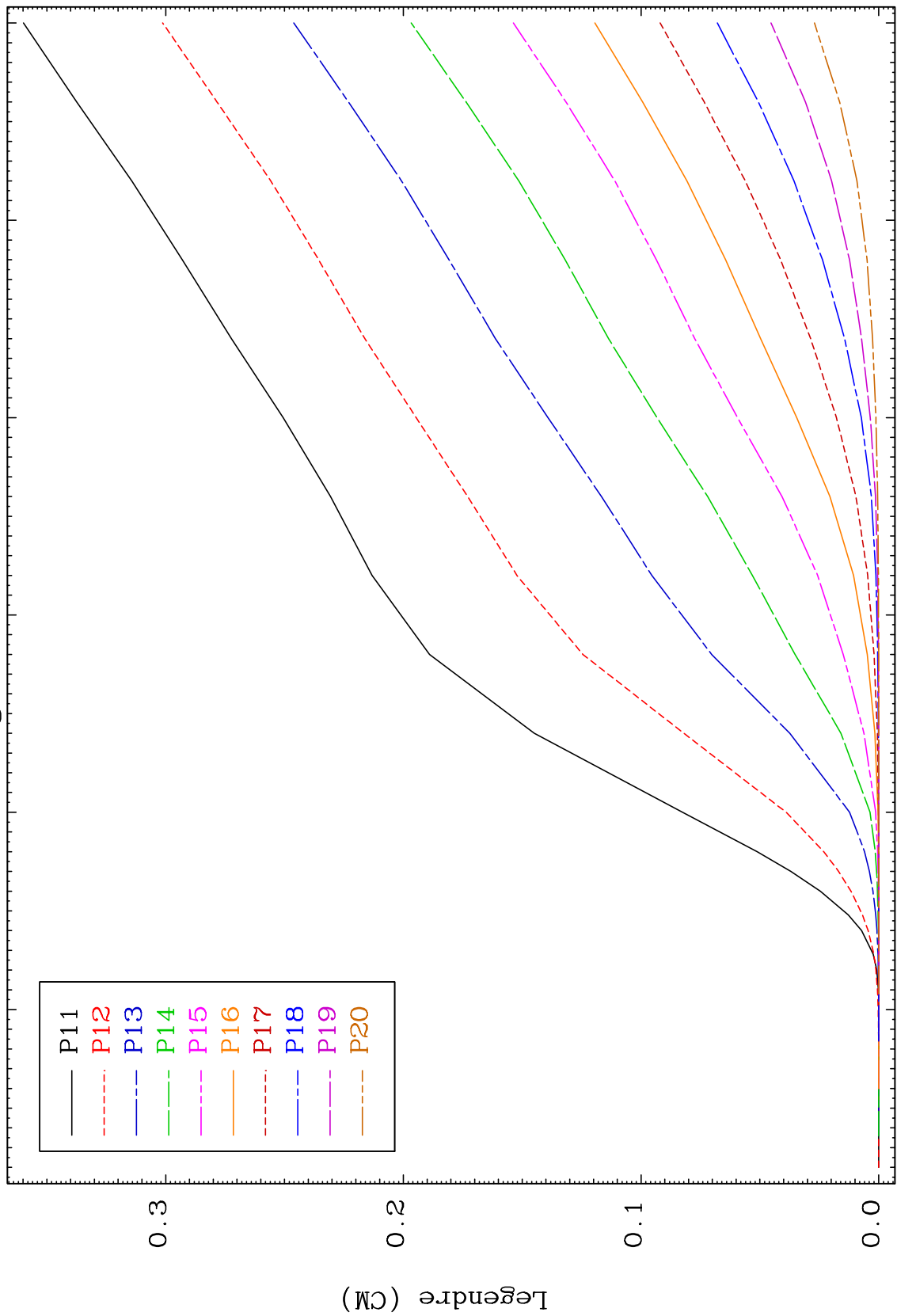
Incident Energy (MeV)

87-Fr-226

MAT 8767

Elastic Legendre Coefficients

87-Fr-226



21

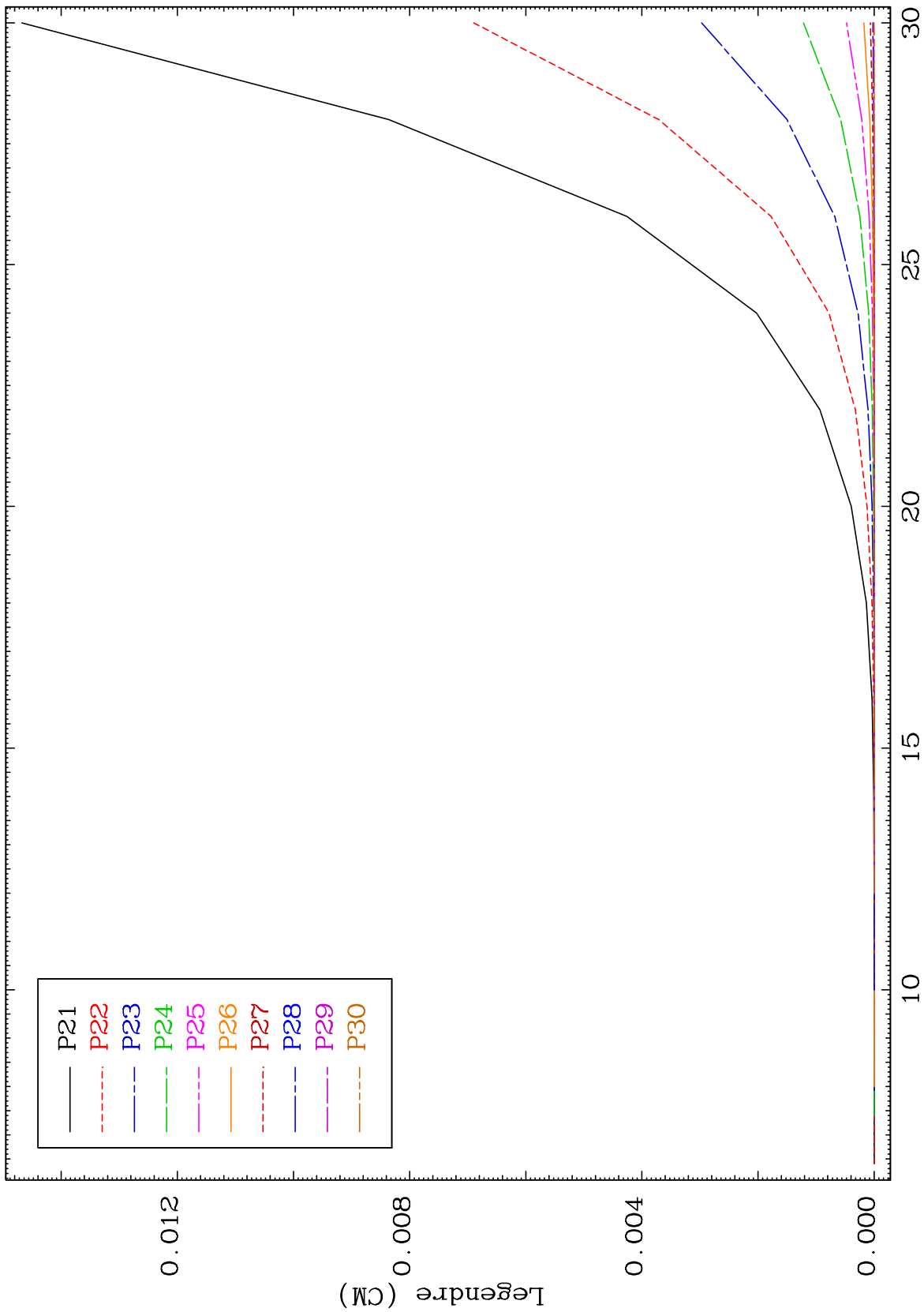
Incident Energy (MeV)

87-Fr-226

MAT 8767

Elastic
Legendre Coefficients

87-Fr-226



22

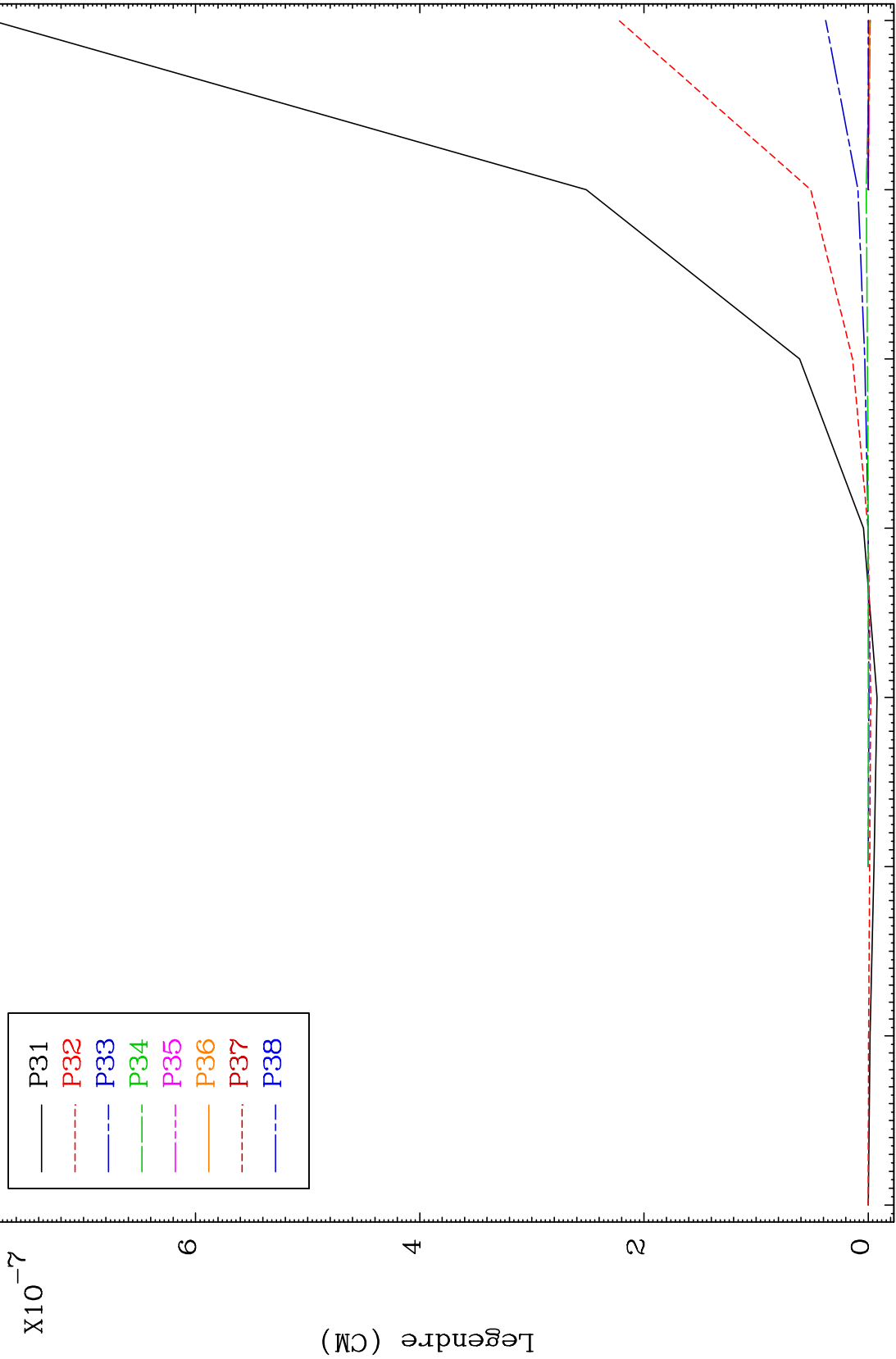
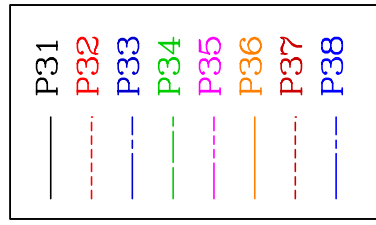
Incident Energy (MeV)

87-Fr-226

MAT 8767

Elastic
Legendre Coefficients

87-Fr-226

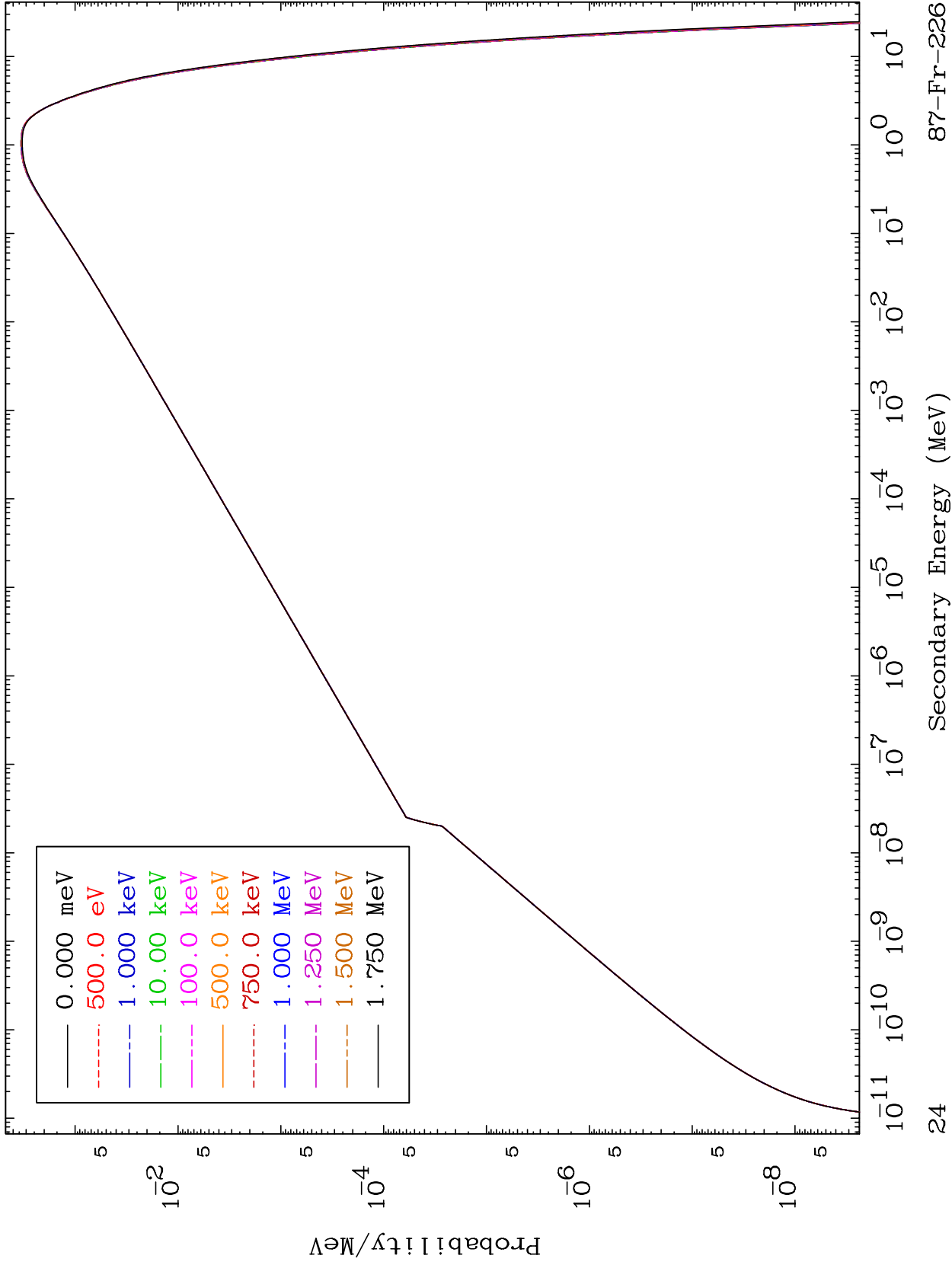


23

Incident Energy (MeV)

87-Fr-226

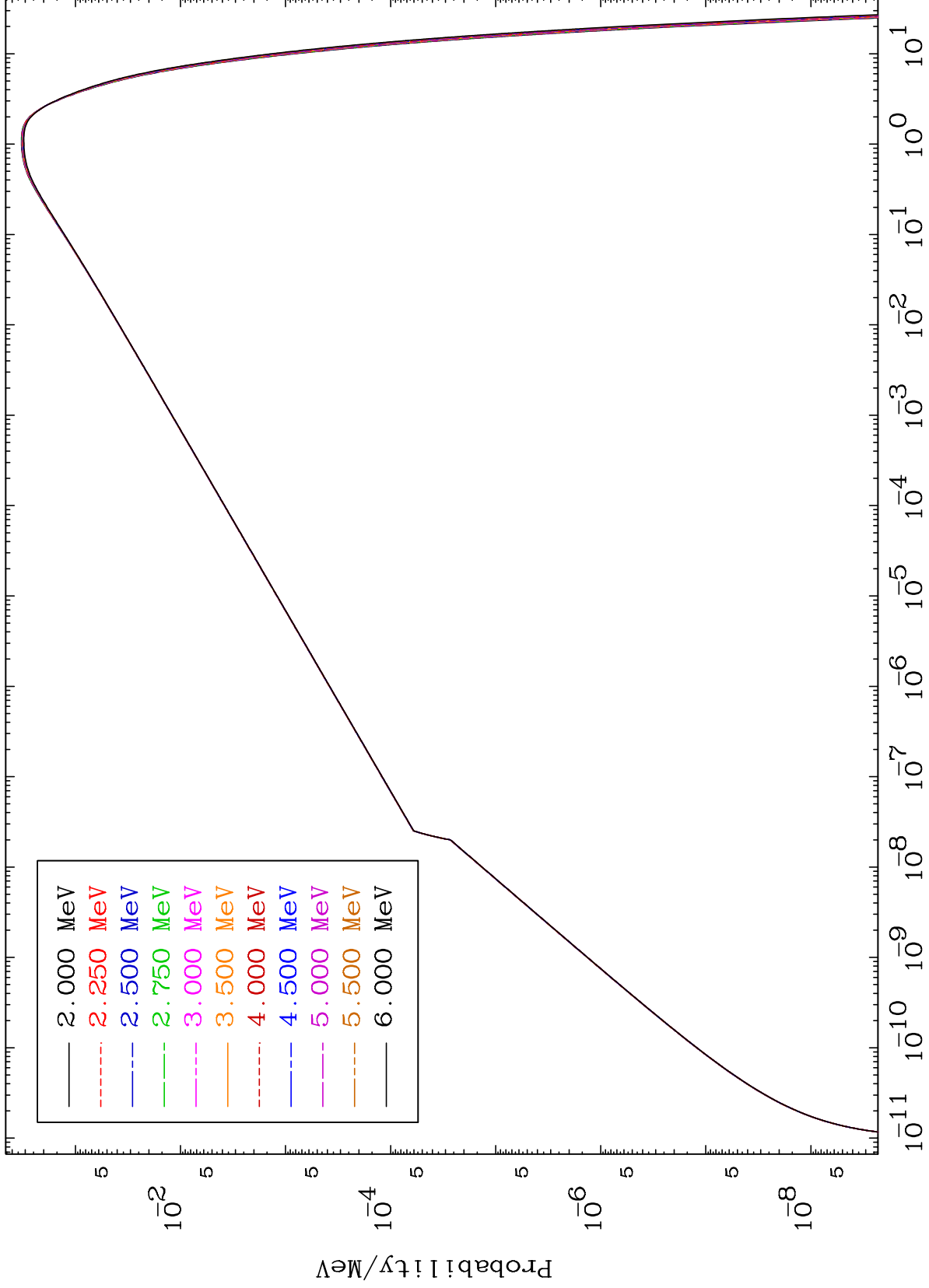
Fission Energy Distributions



MAT 8767

Fission Energy Distributions

87-Fr-226

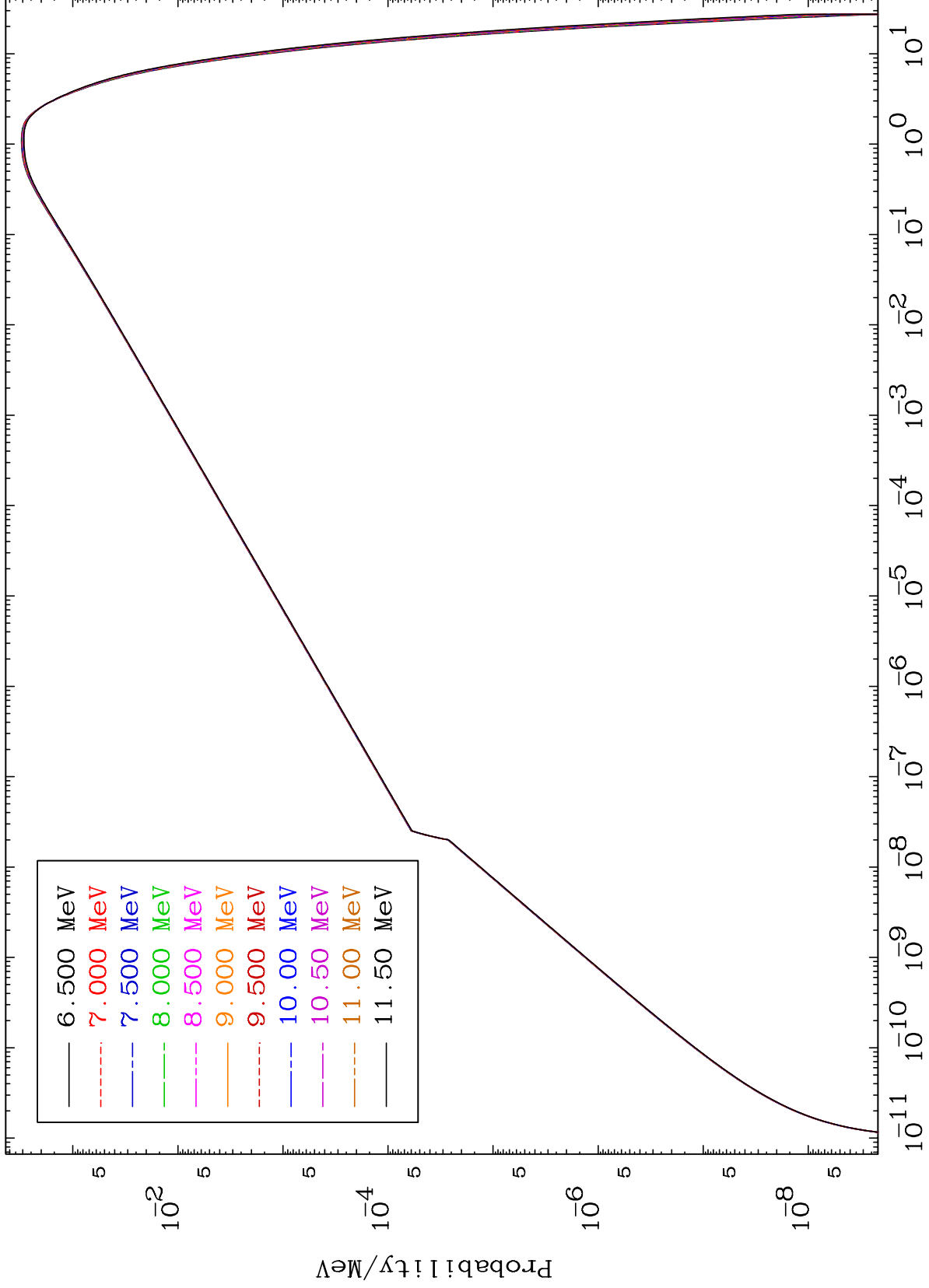


25

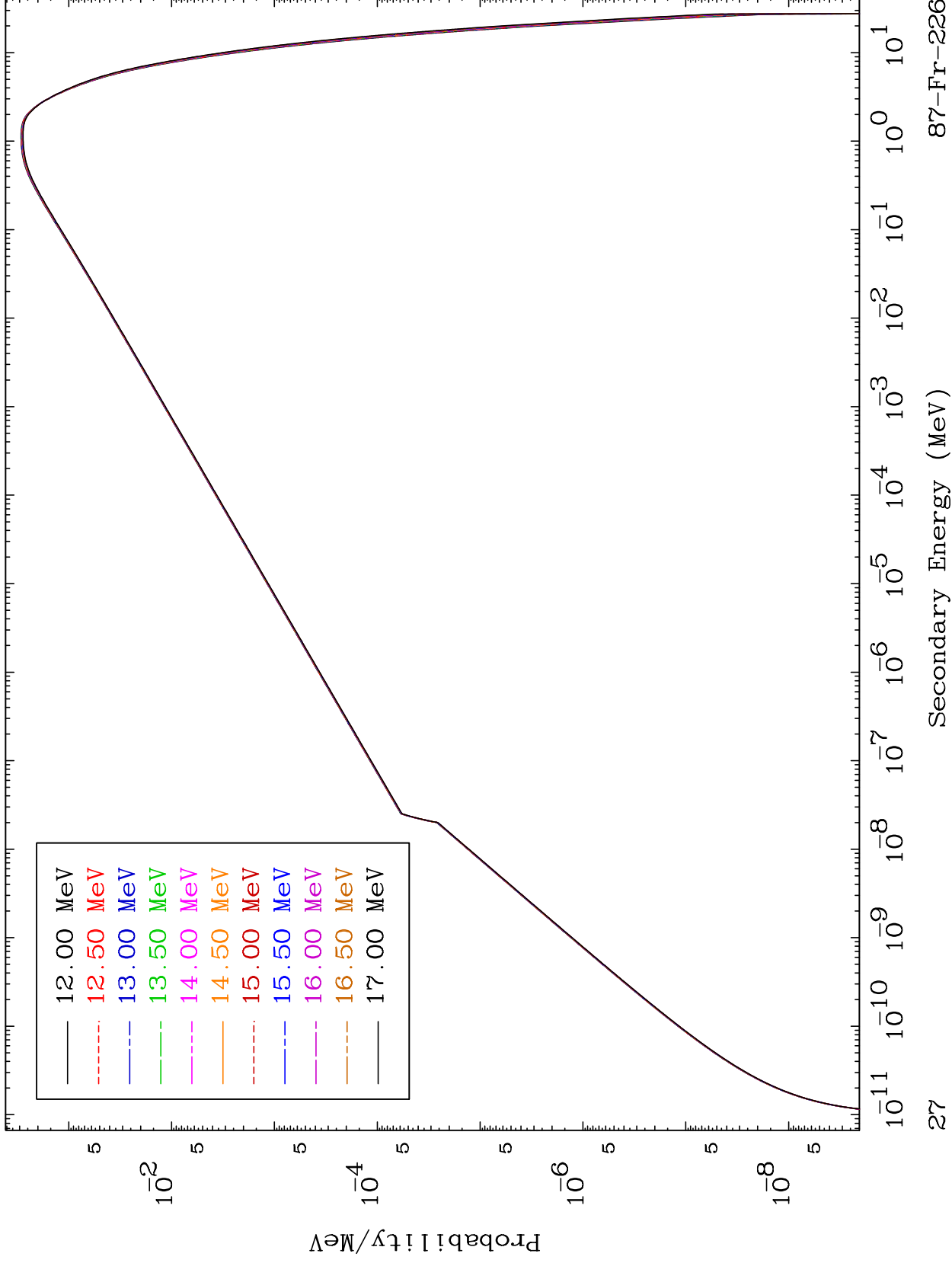
Secondary Energy (MeV)

87-Fr-226

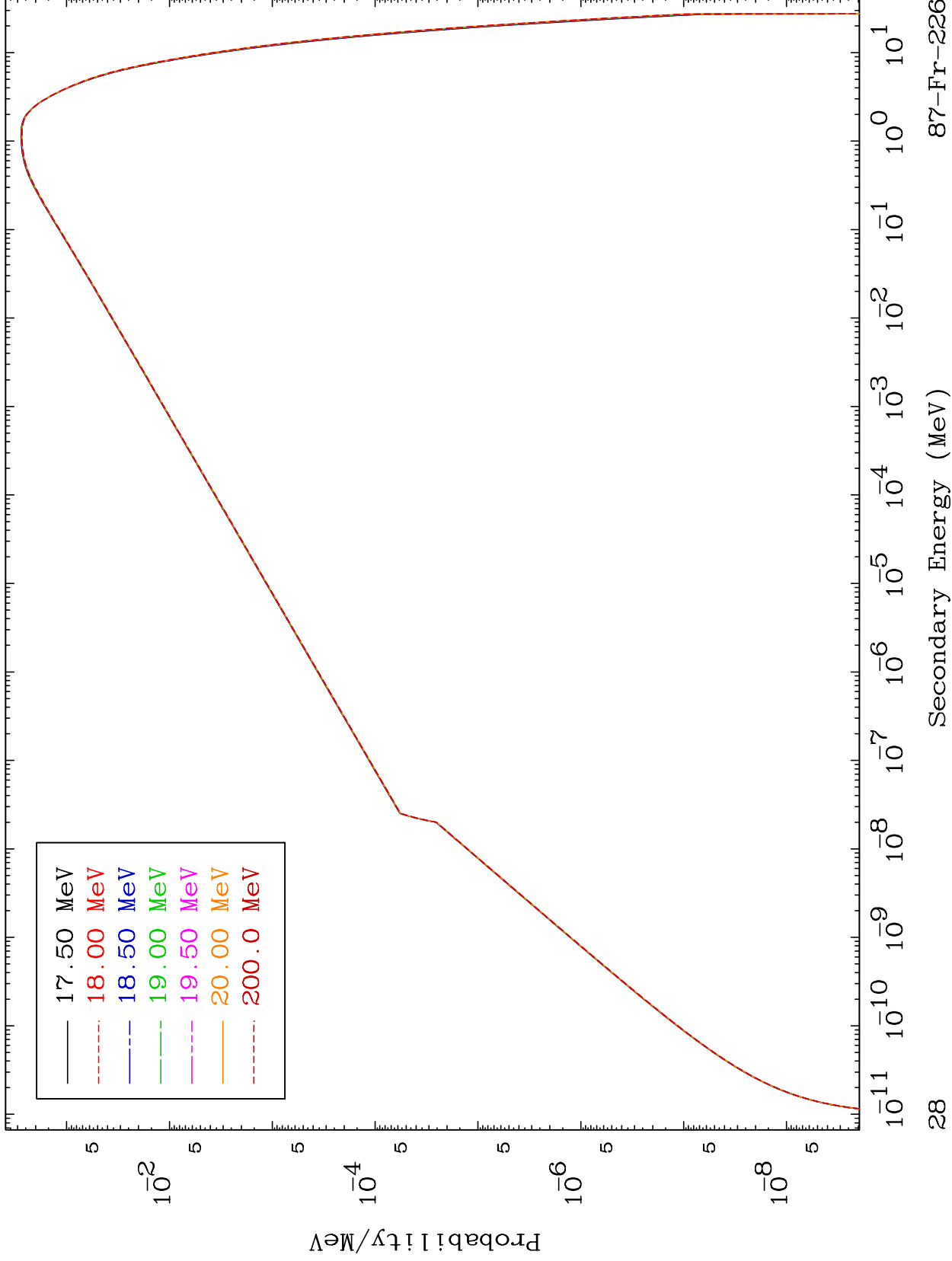
Fission Energy Distributions



Fission Energy Distributions



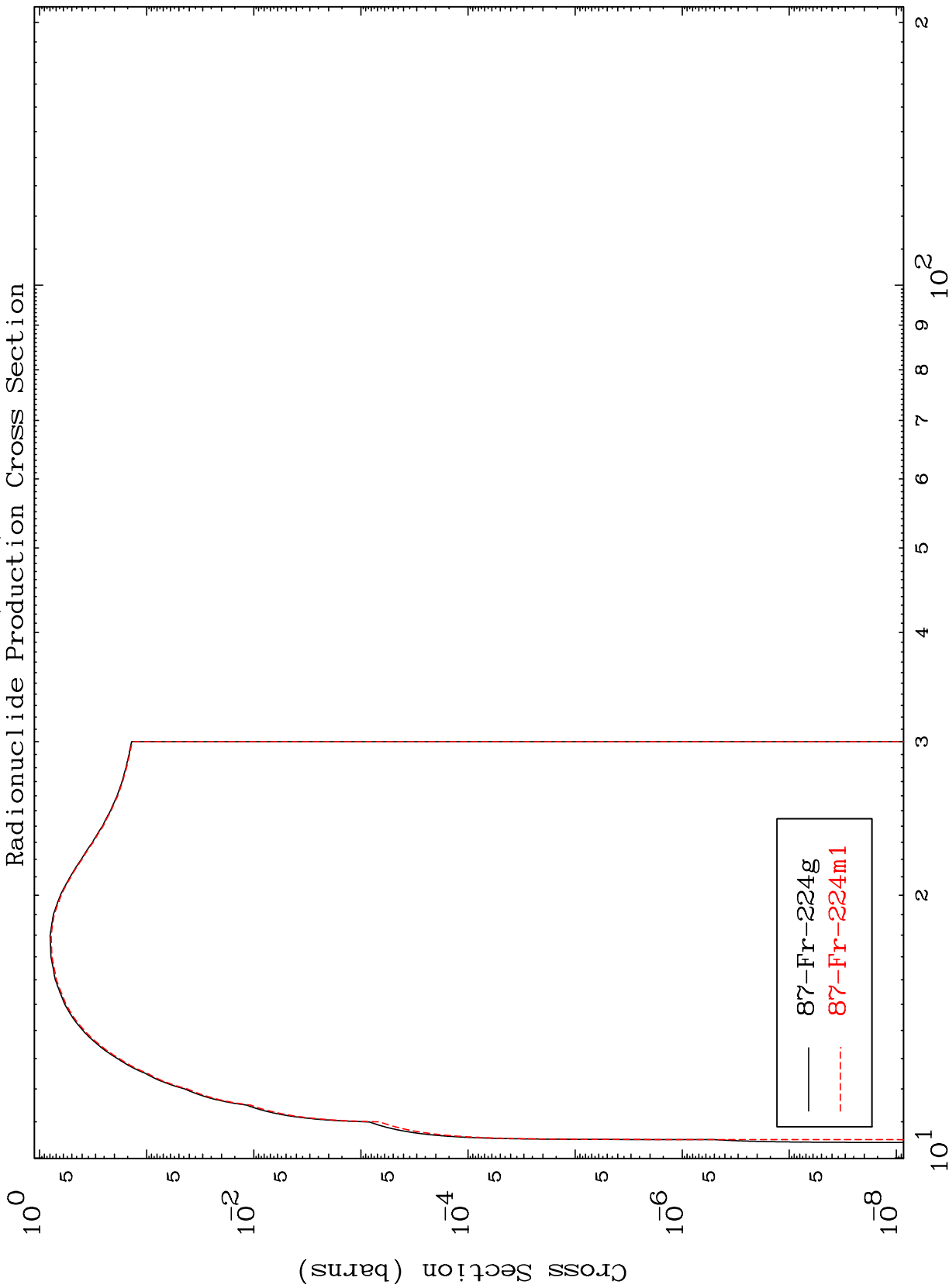
Fission Energy Distributions



MAT 8767

87-Fr-226

(n,3n)
Radionuclide Production Cross Section



87-Fr-226

Incident Energy (MeV)

29