

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

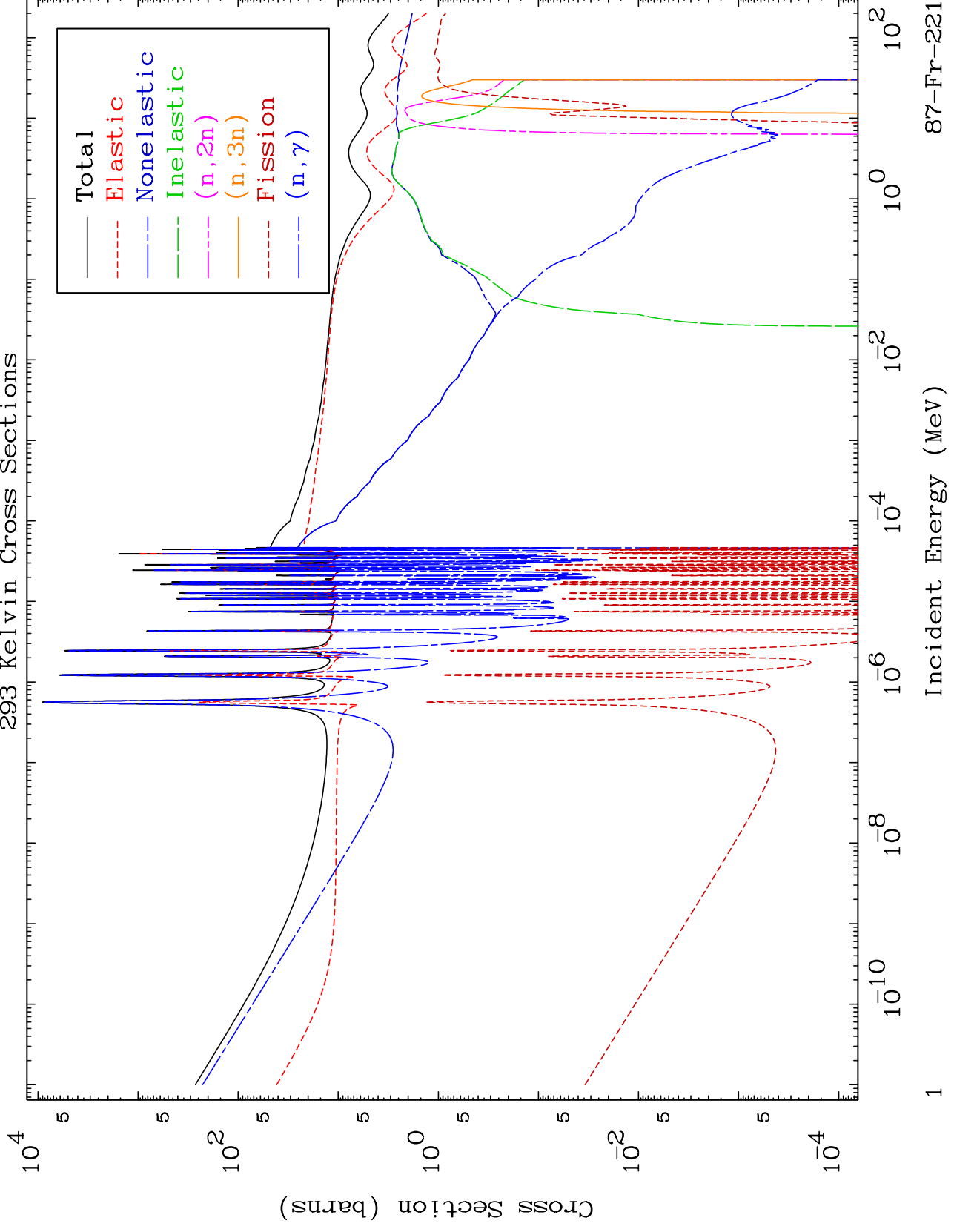
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8752

Neutron Major  
293 Kelvin Cross Sections

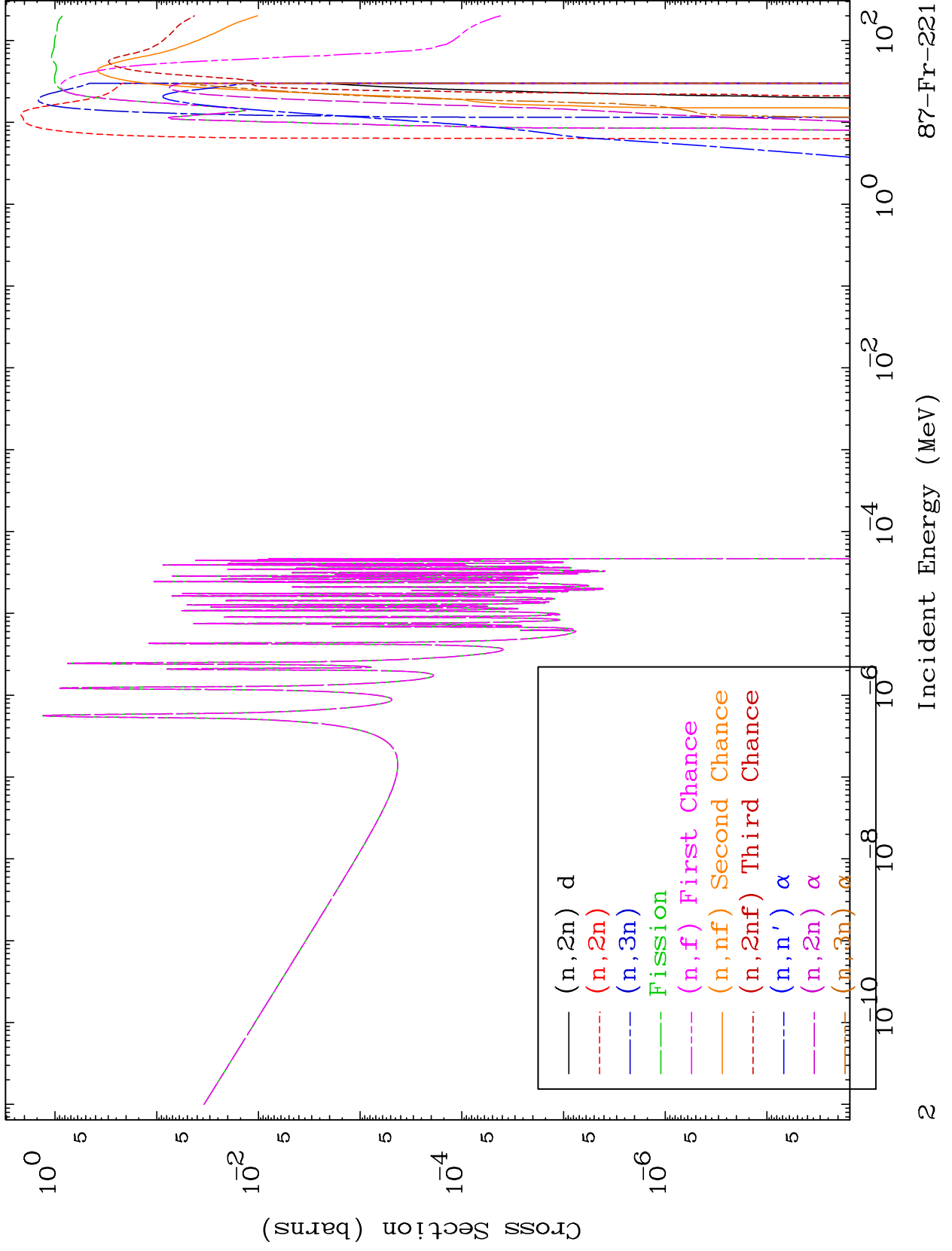
87-Fr-221



MAT 8752

Neutron Absorption  
293 Kelvin Cross Sections

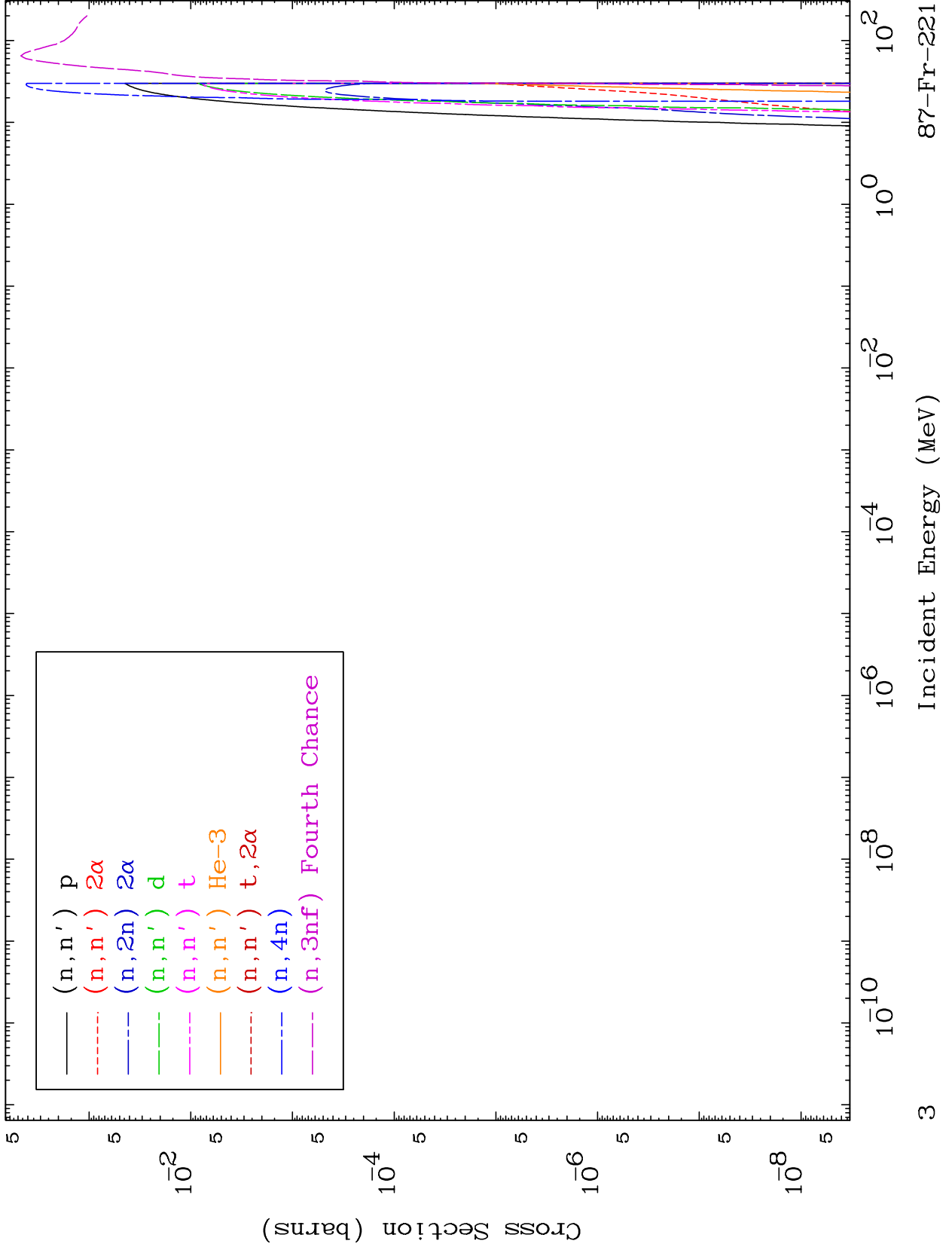
87-Fr-221



MAT 8752

Neutron Absorption  
293 Kelvin Cross Sections

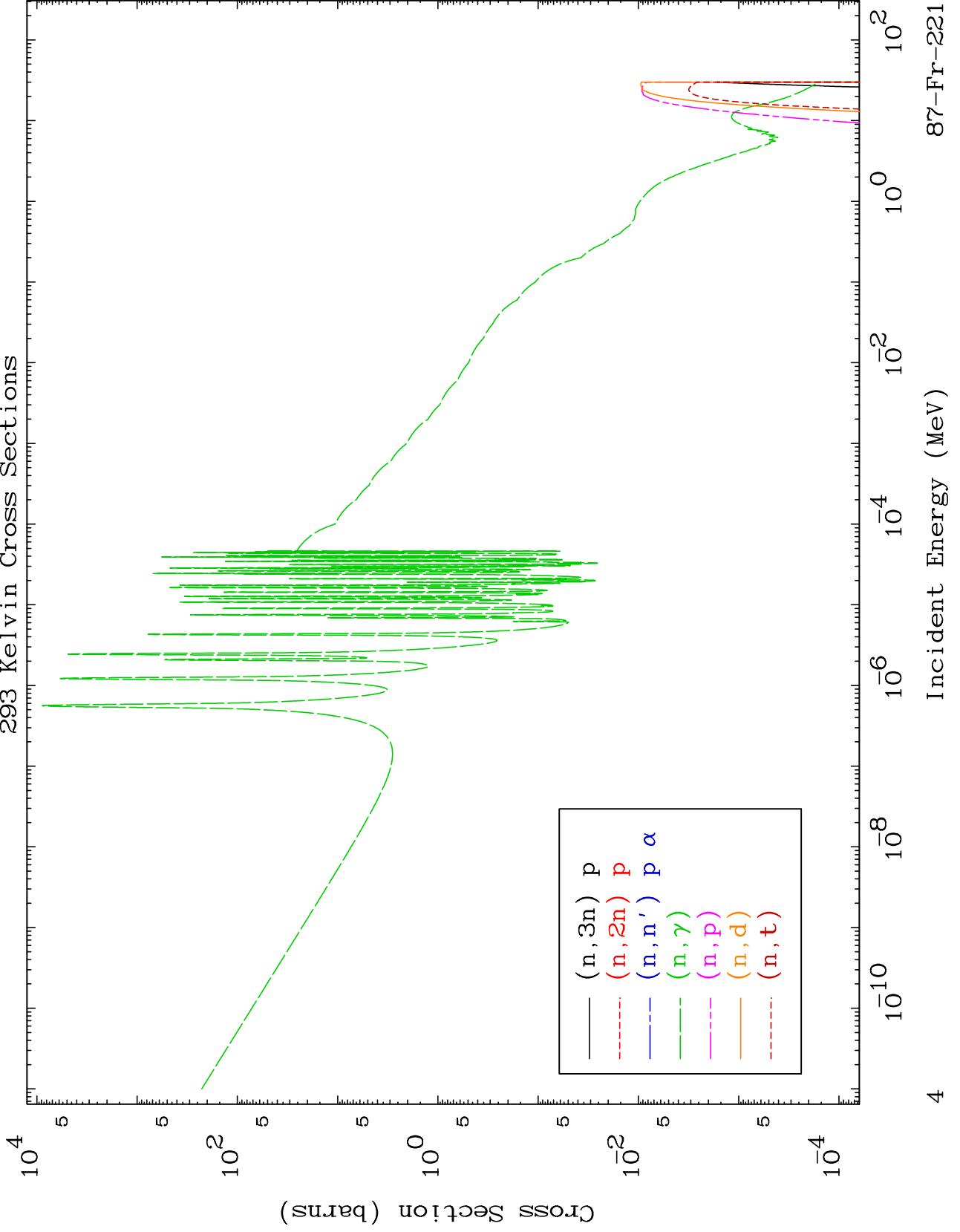
87-Fr-221

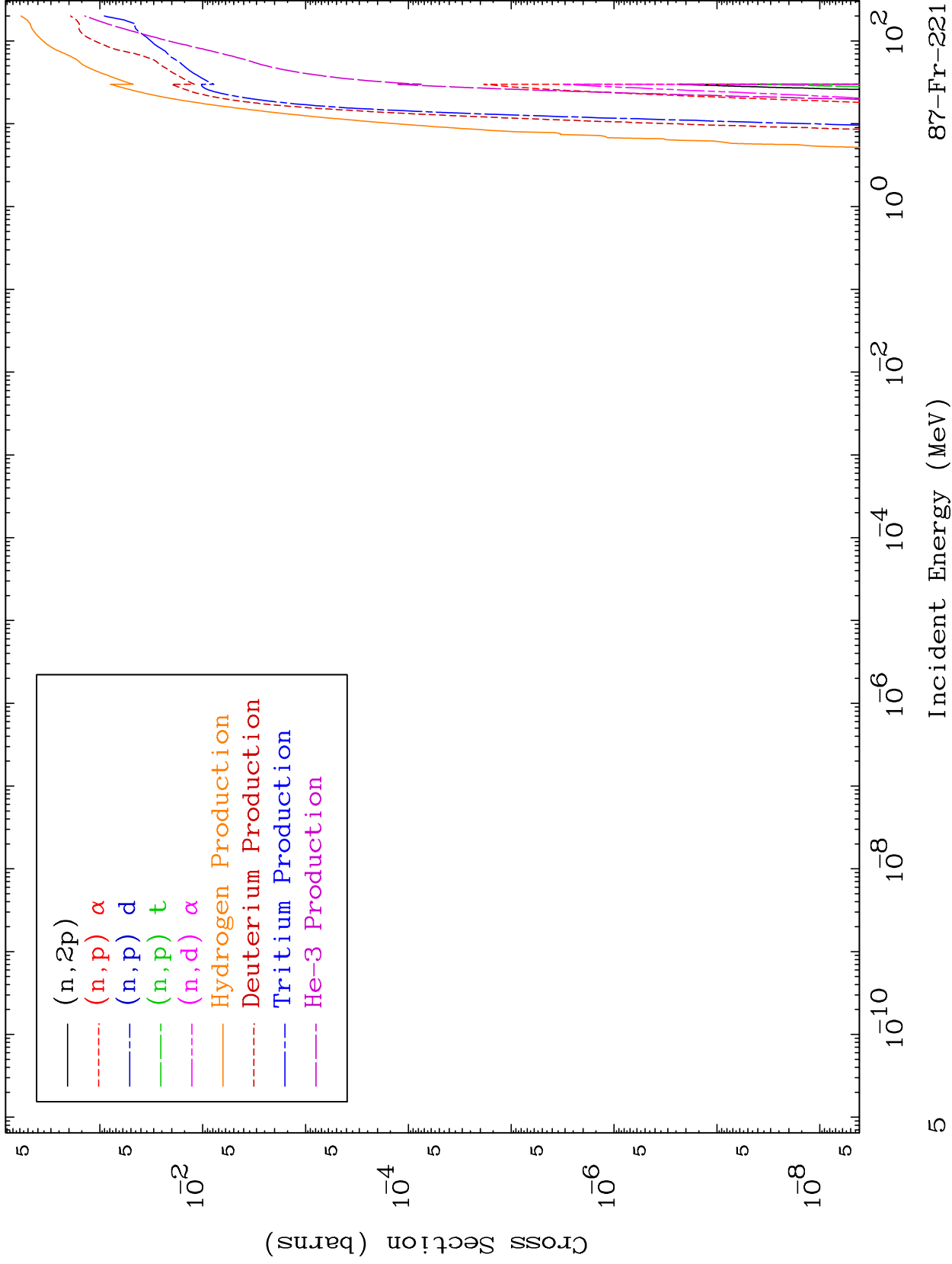


MAT 8752

Neutron Absorption  
293 Kelvin Cross Sections

87-Fr-221

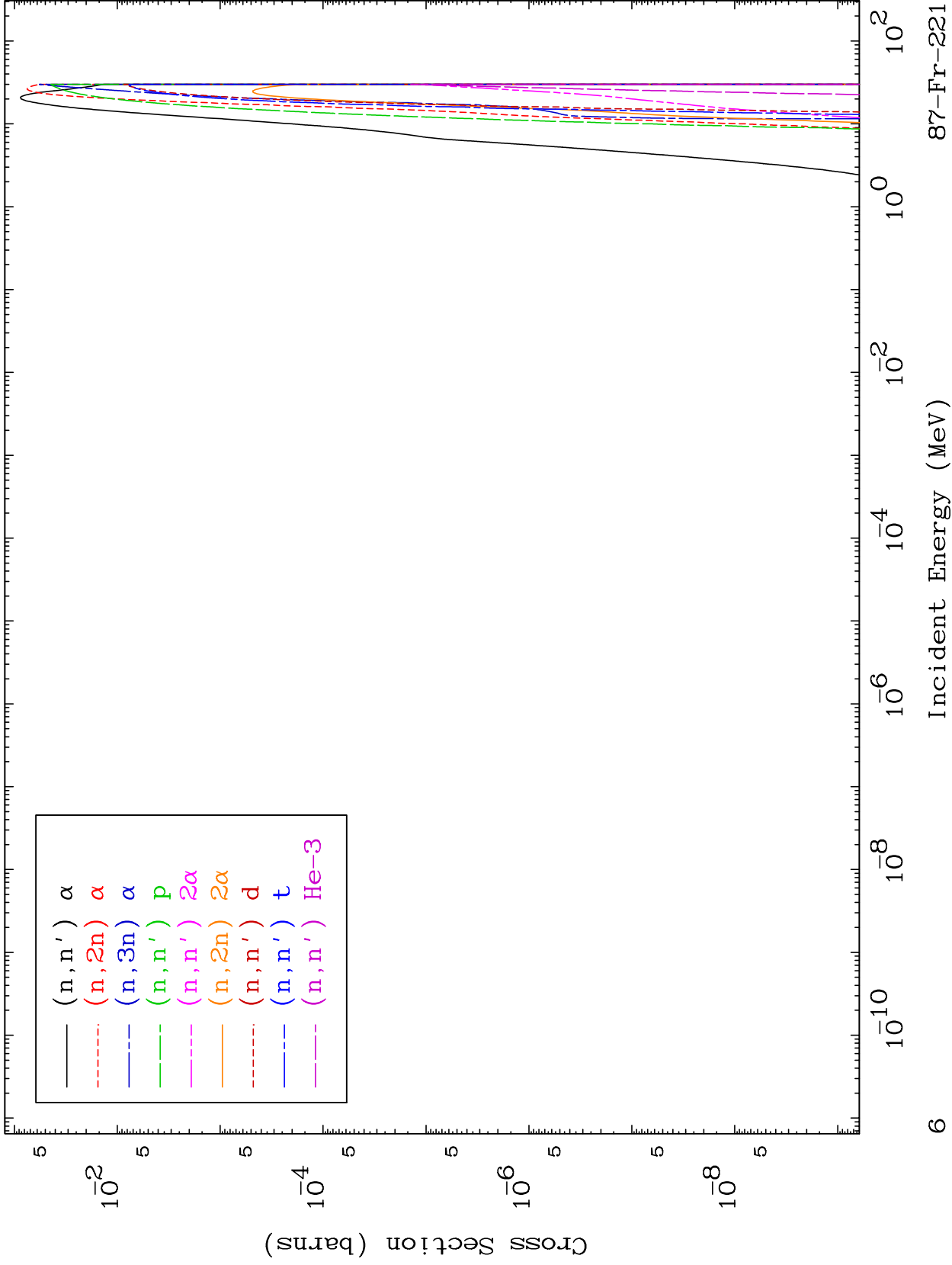




MAT 8752

Charged Particle  
293 Kelvin Cross Sections

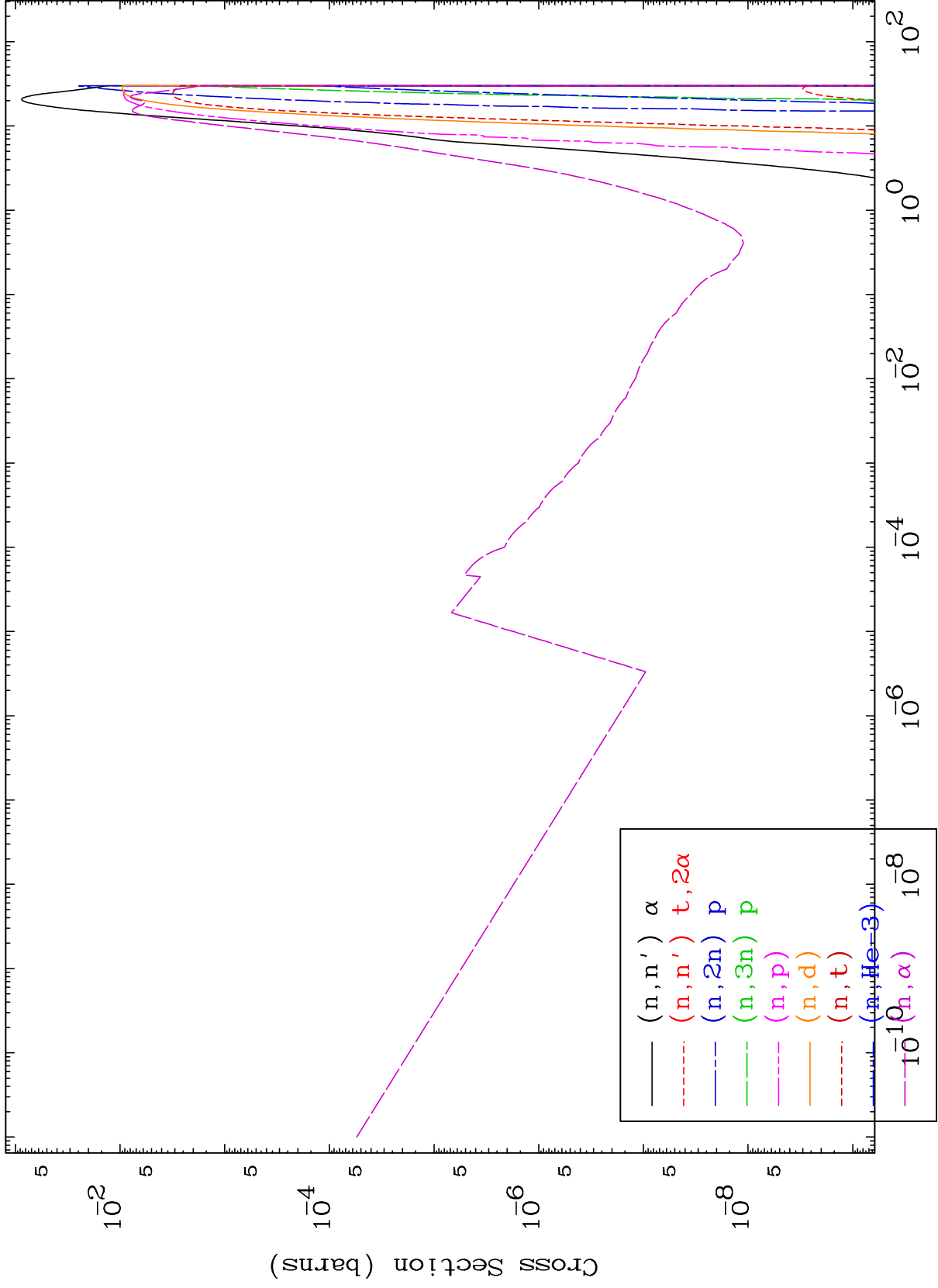
87-Fr-221



MAT 8752

Charged Particle  
293 Kelvin Cross Sections

87-Fr-221



87-Fr-221

Incident Energy (MeV)

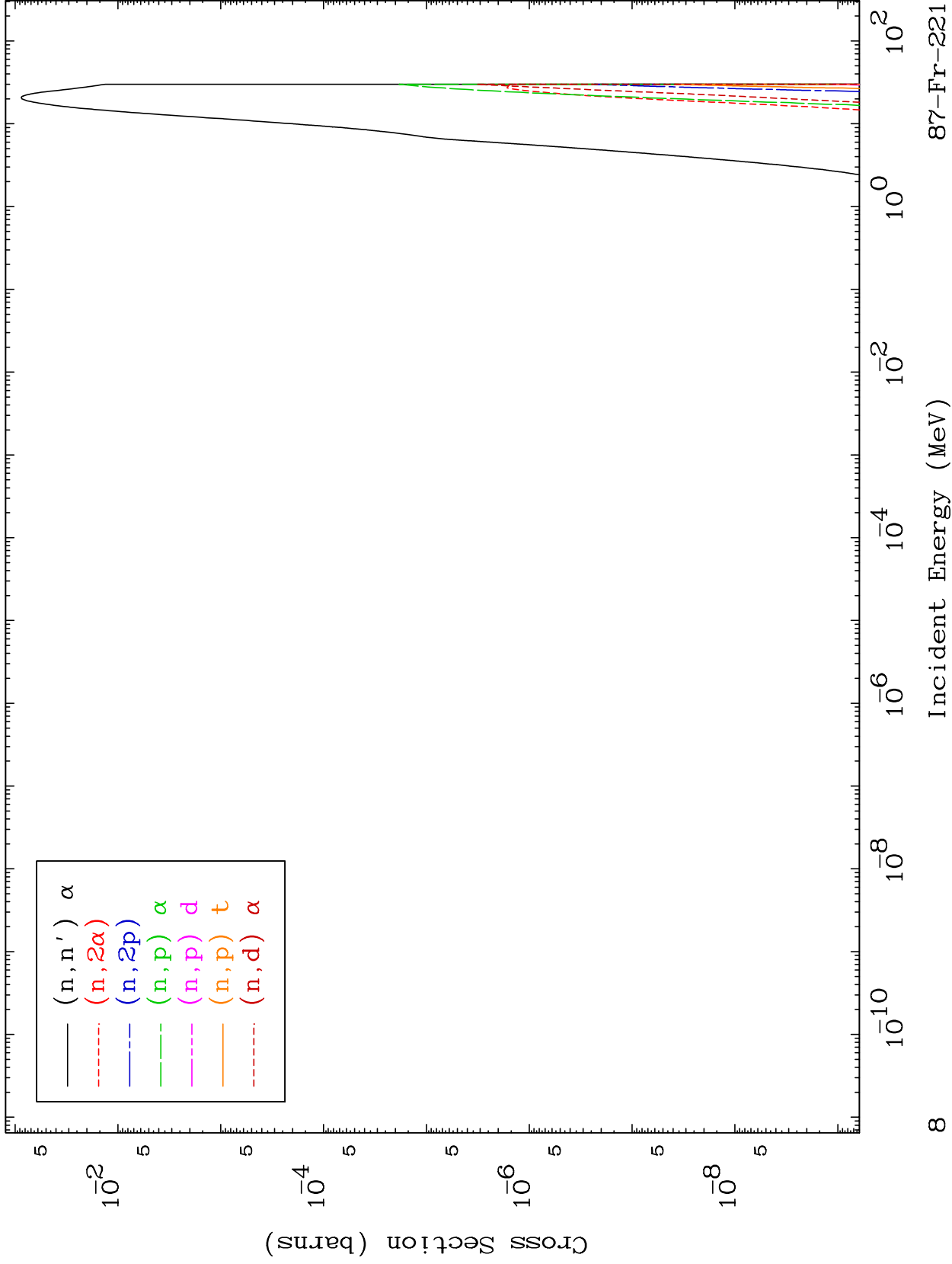
7

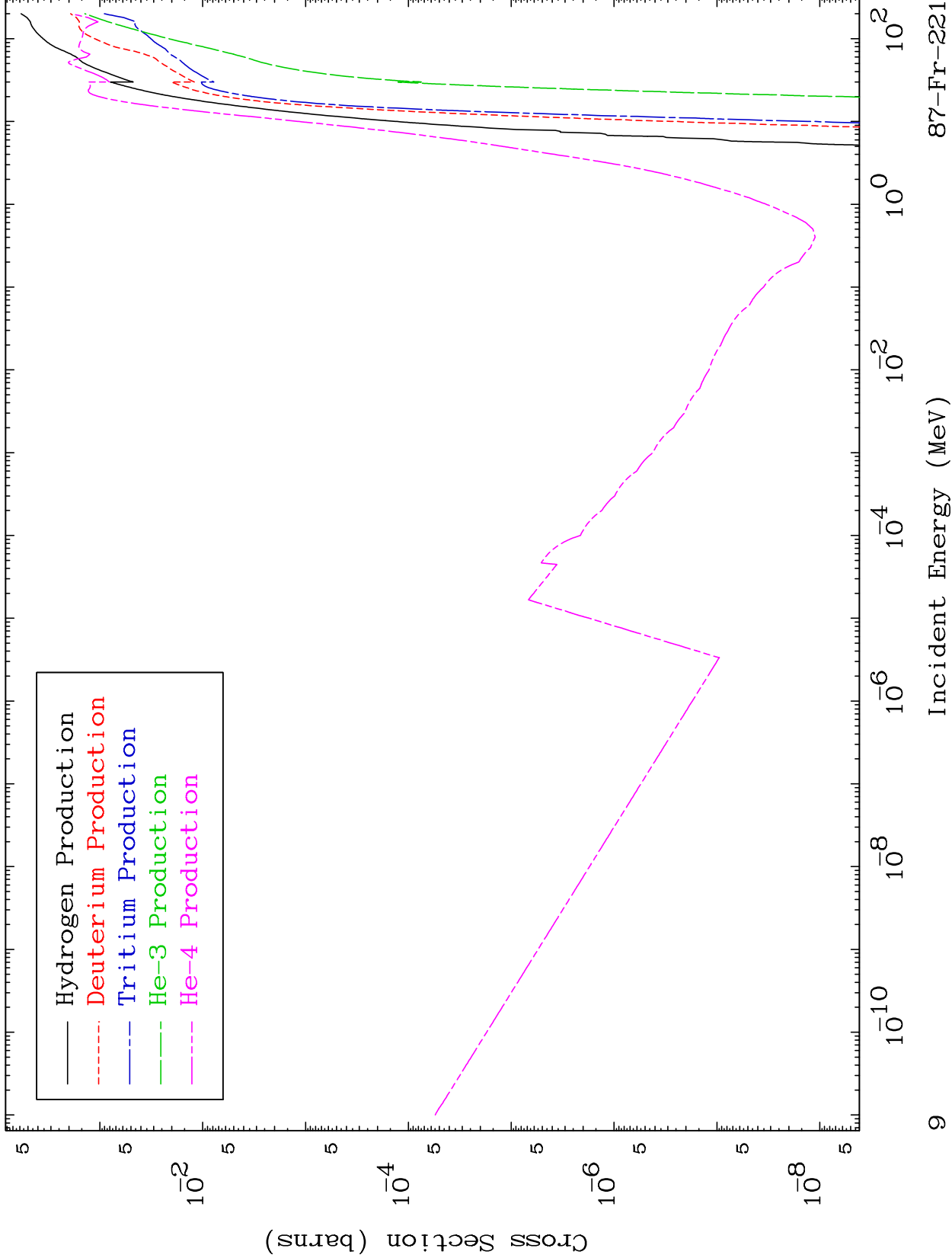


MAT 8752

Charged Particle  
293 Kelvin Cross Sections

87-Fr-221

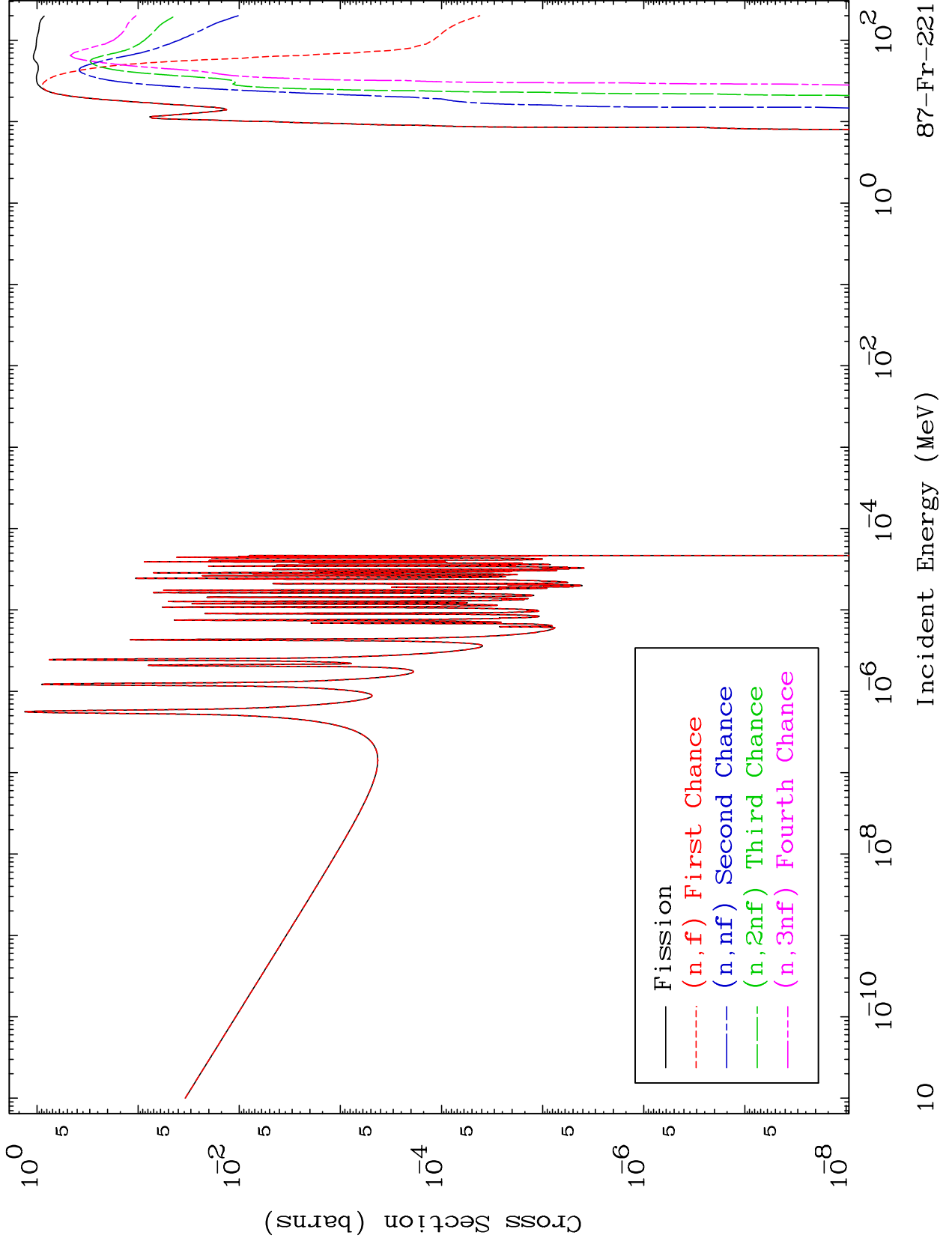


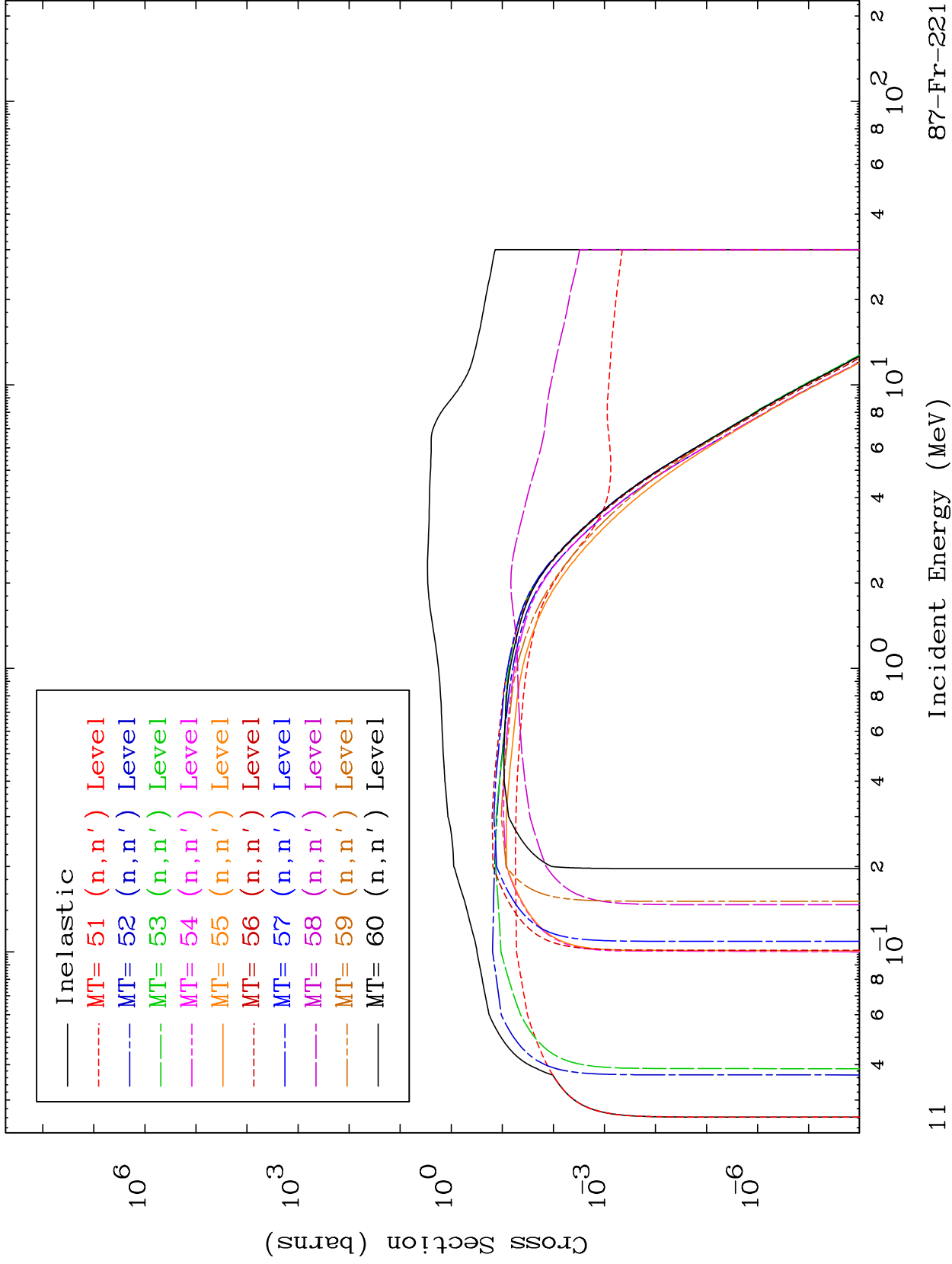


MAT 8752

Fission  
293 Kelvin Cross Sections

87-Fr-221

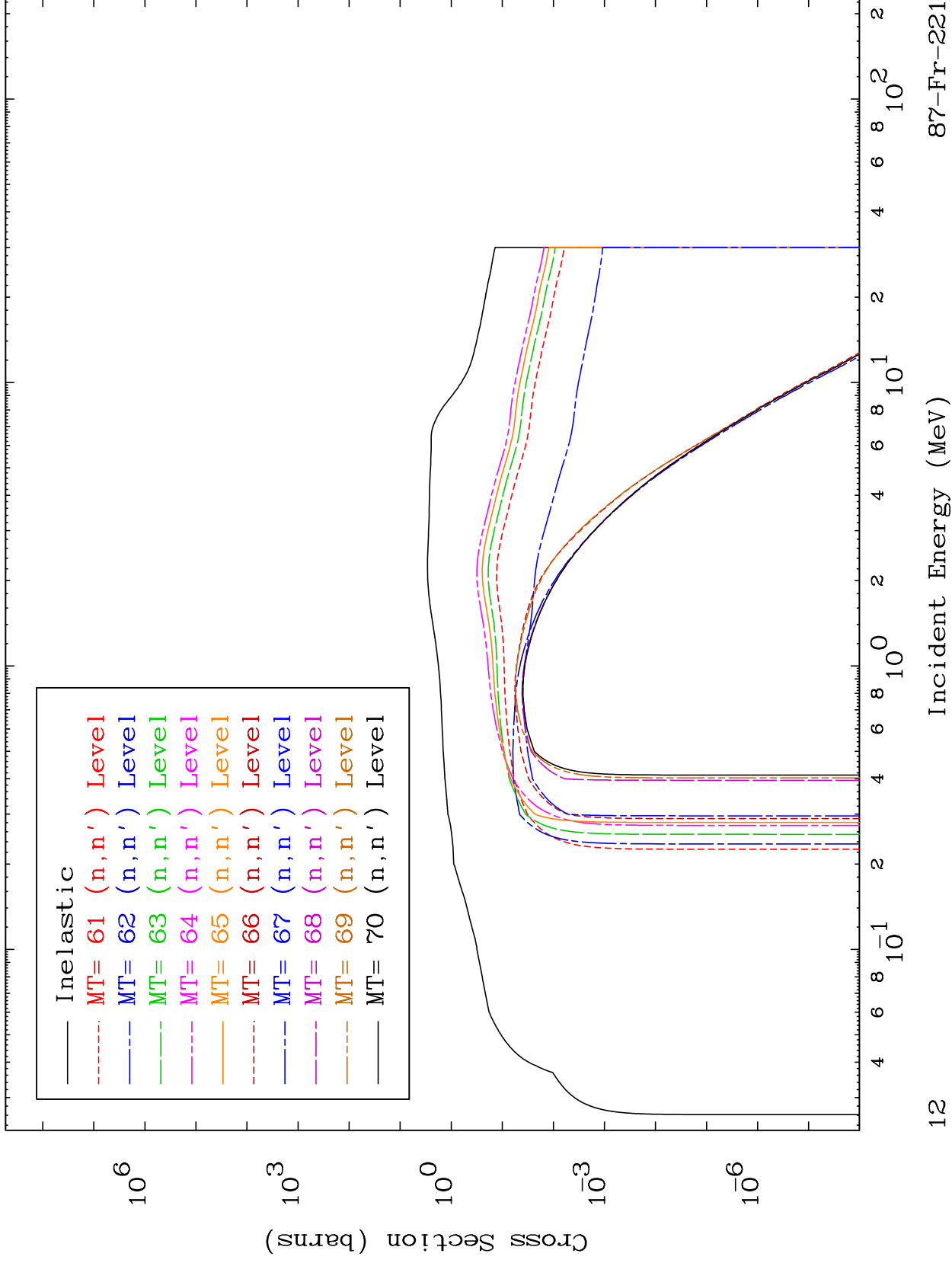




MAT 8752

(n,n') Levels  
293 Kelvin Cross Sections

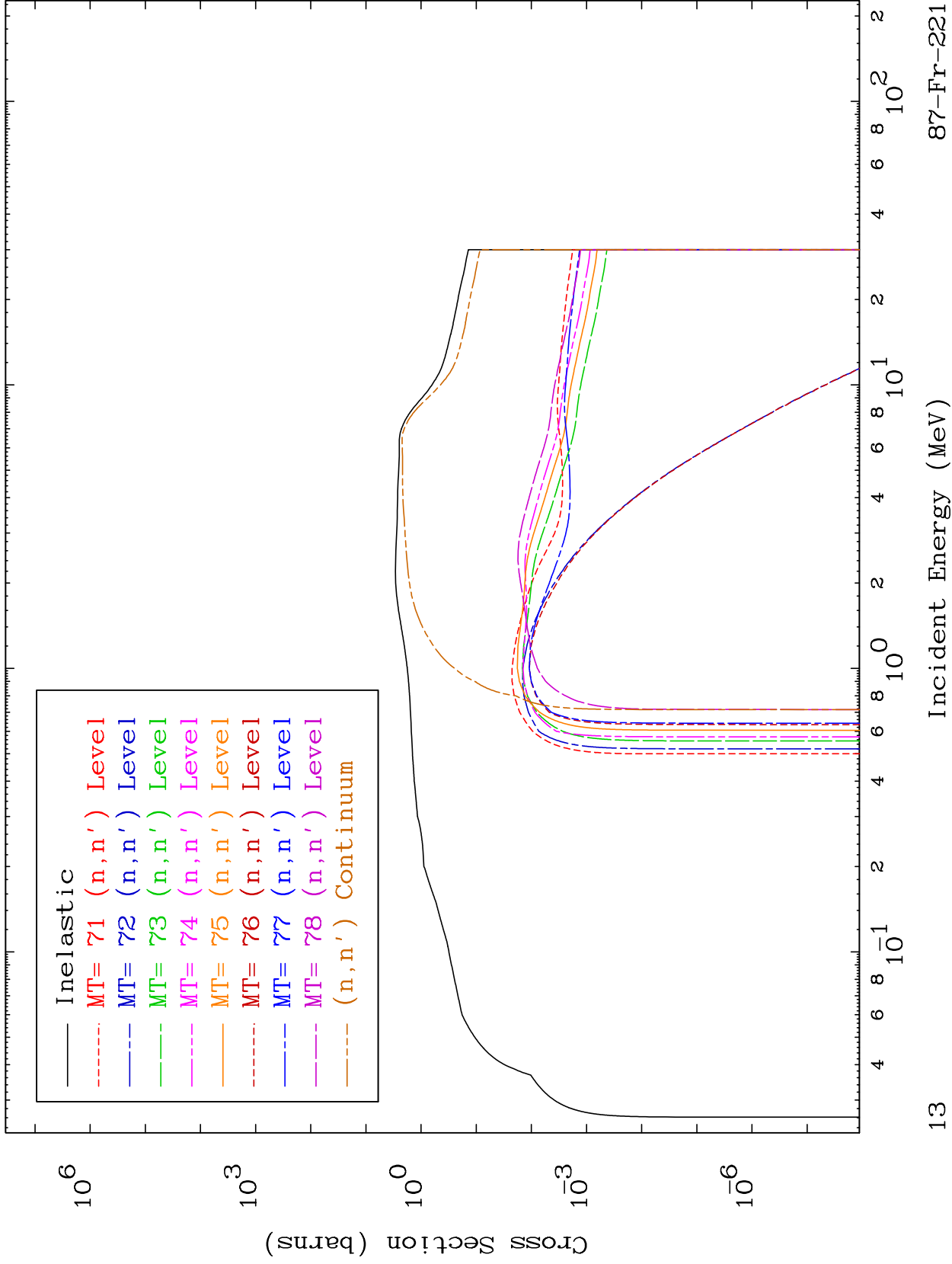
87-Fr-221



MAT 8752

293 Kelvin Cross Sections  
(n,n') Levels

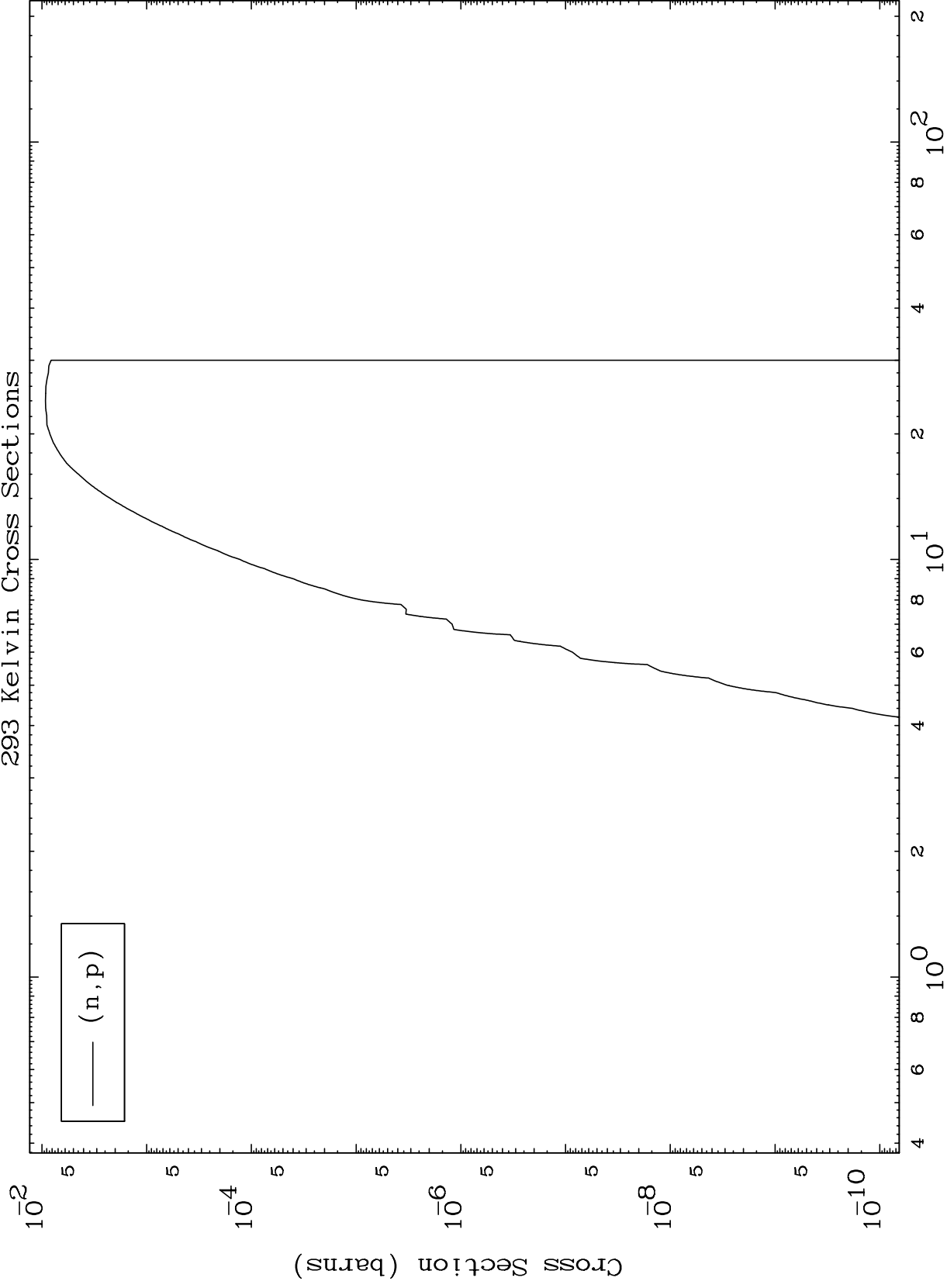
87-Fr-221



MAT 8752

(n,p) Levels  
293 Kelvin Cross Sections

87-Fr-221



14

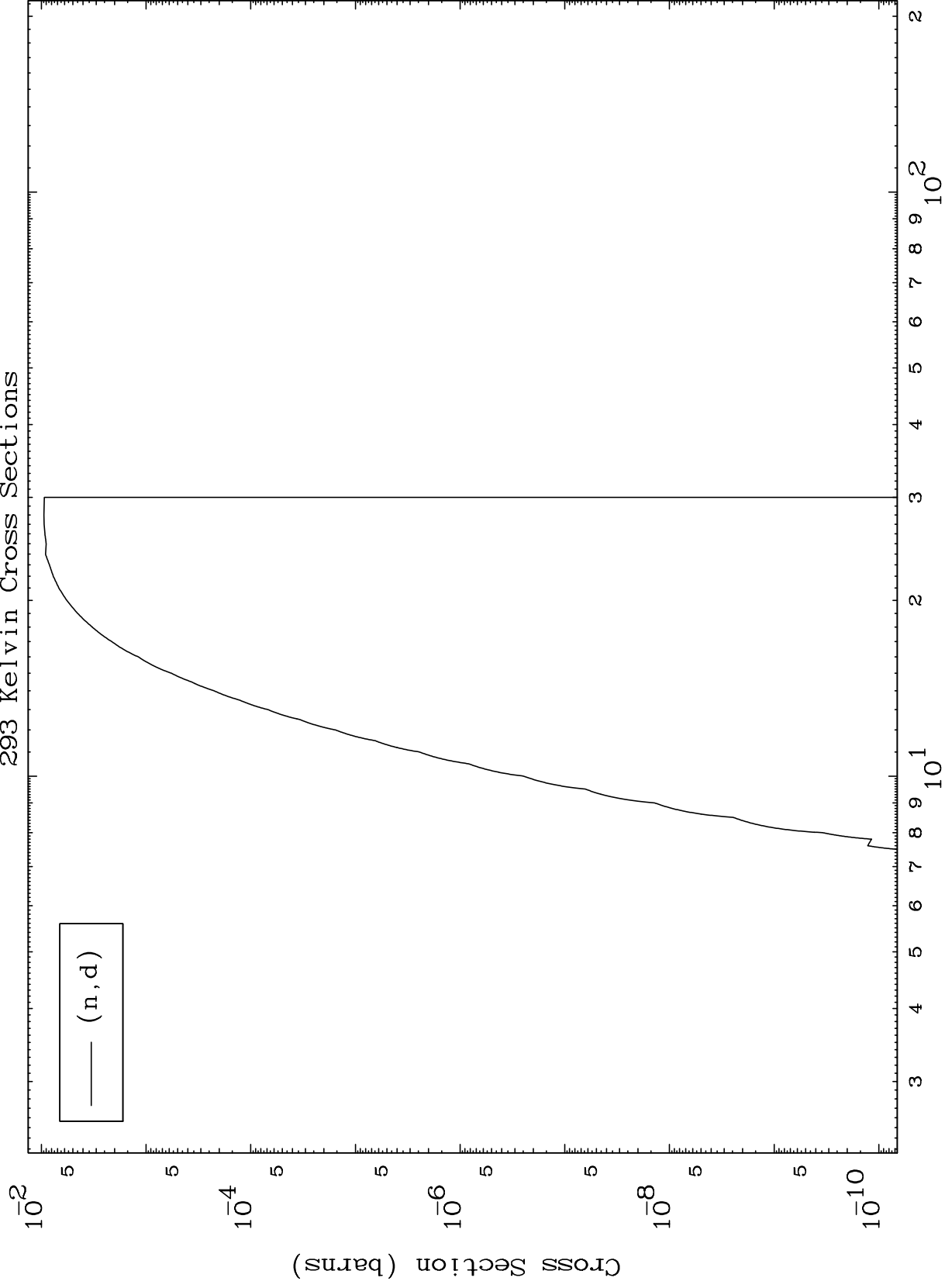
Incident Energy (MeV)

87-Fr-221

MAT 8752

(n,d) Levels  
293 Kelvin Cross Sections

87-Fr-221



15

Incident Energy (MeV)

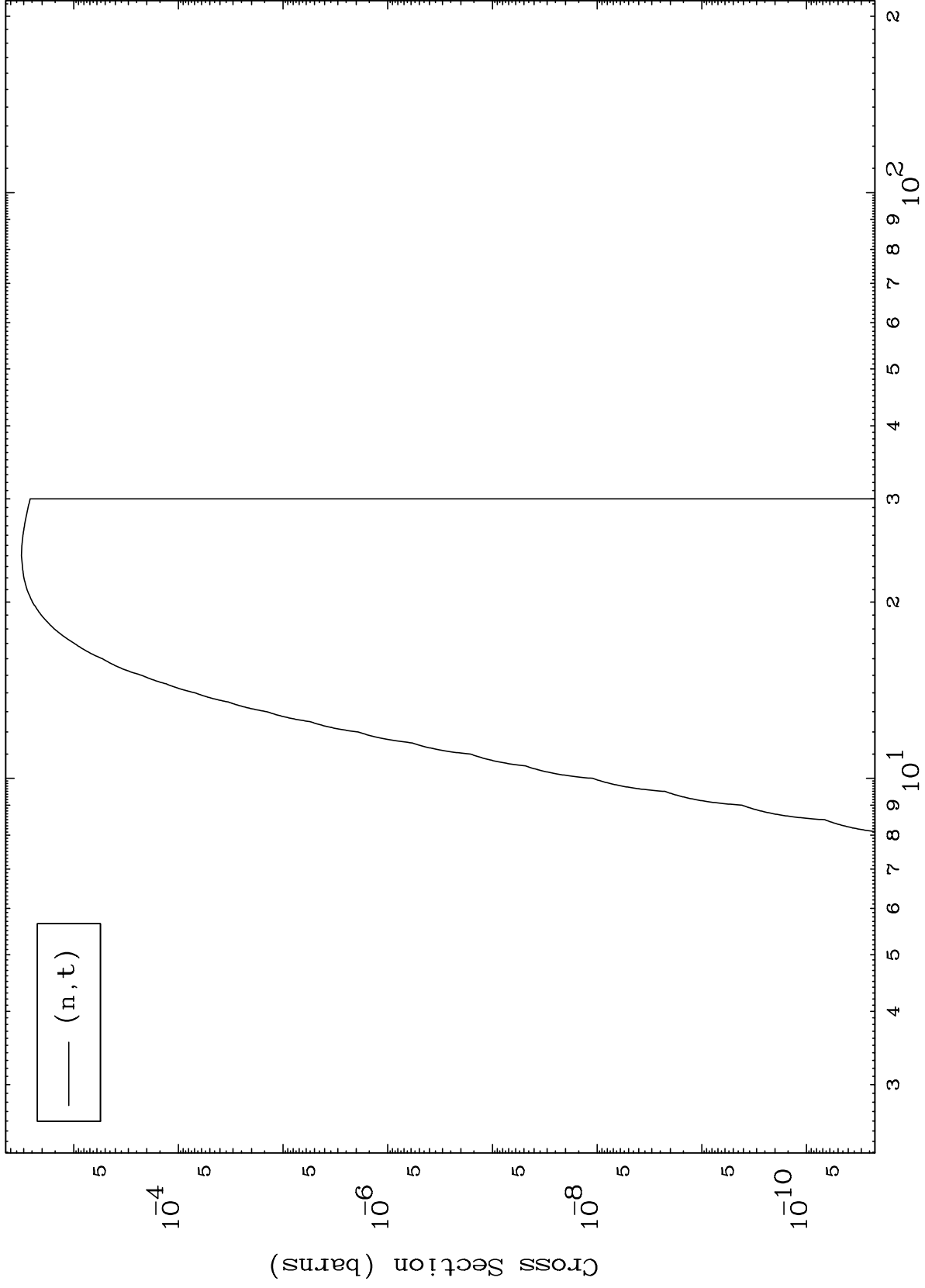
87-Fr-221



MAT 8752

(n,t) Levels  
293 Kelvin Cross Sections

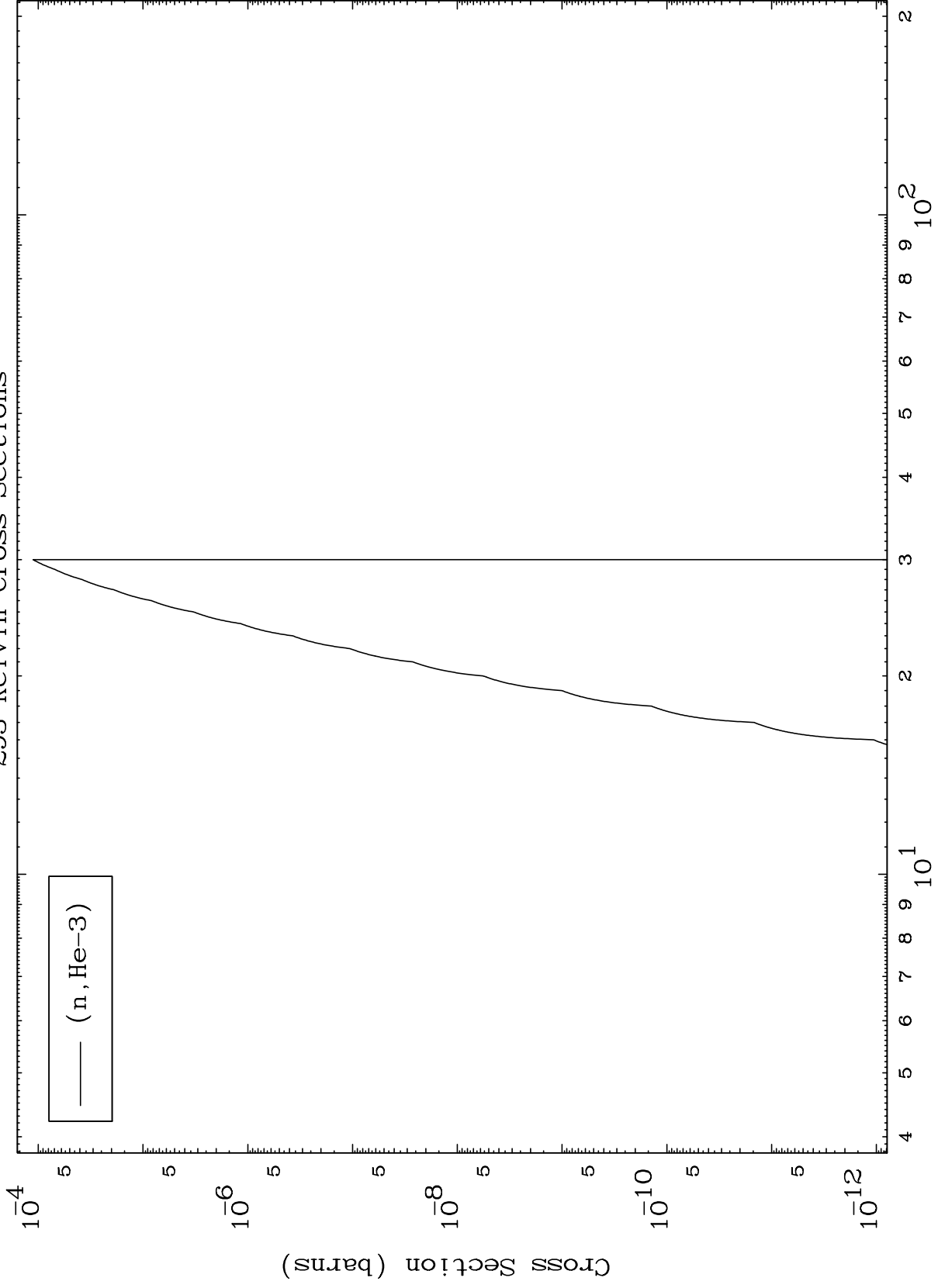
87-Fr-221



MAT 8752

(n,He3) Levels  
293 Kelvin Cross Sections

87-Fr-221



17

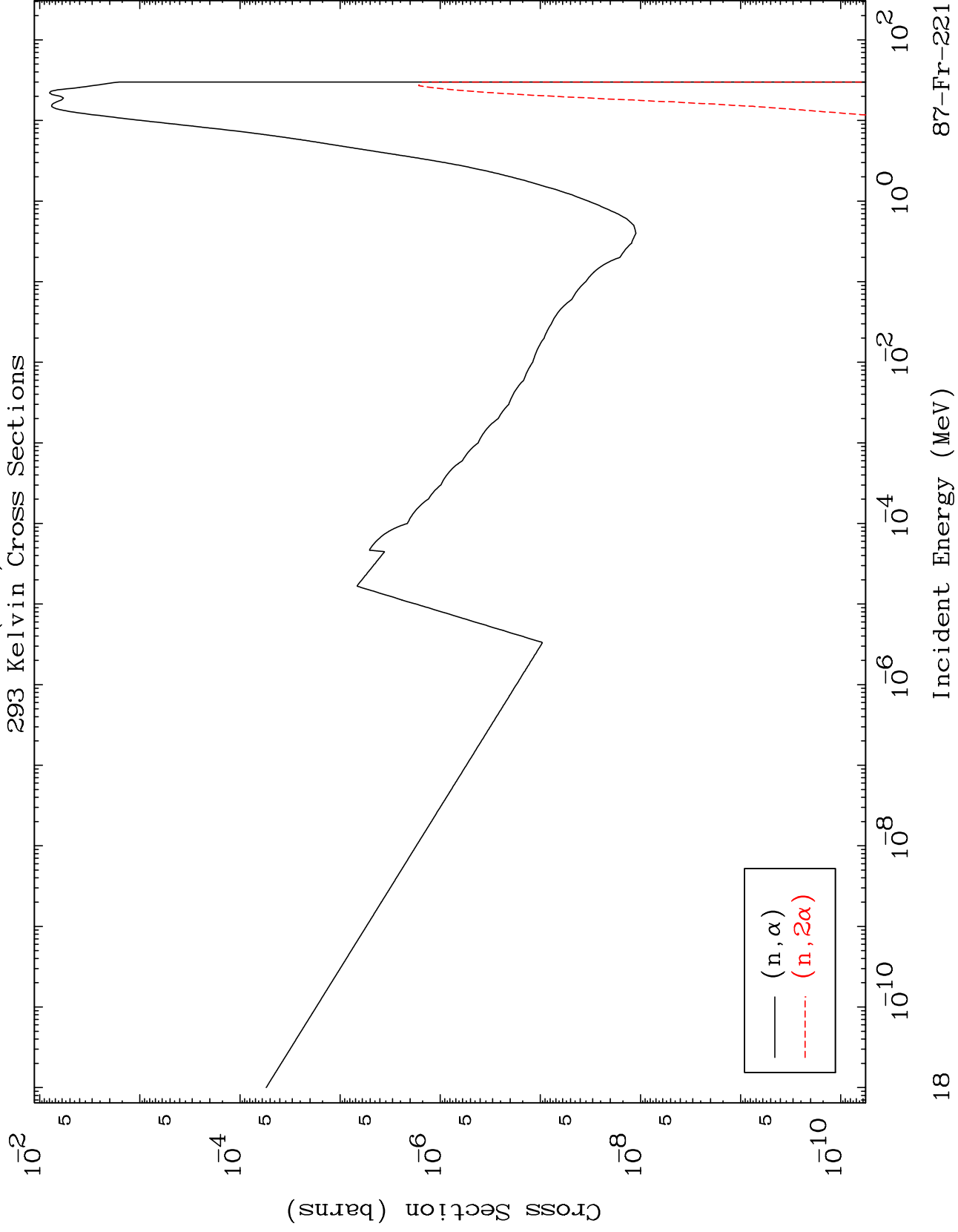
Incident Energy (MeV)

87-Fr-221

MAT 8752

(n,α) Levels  
293 Kelvin Cross Sections

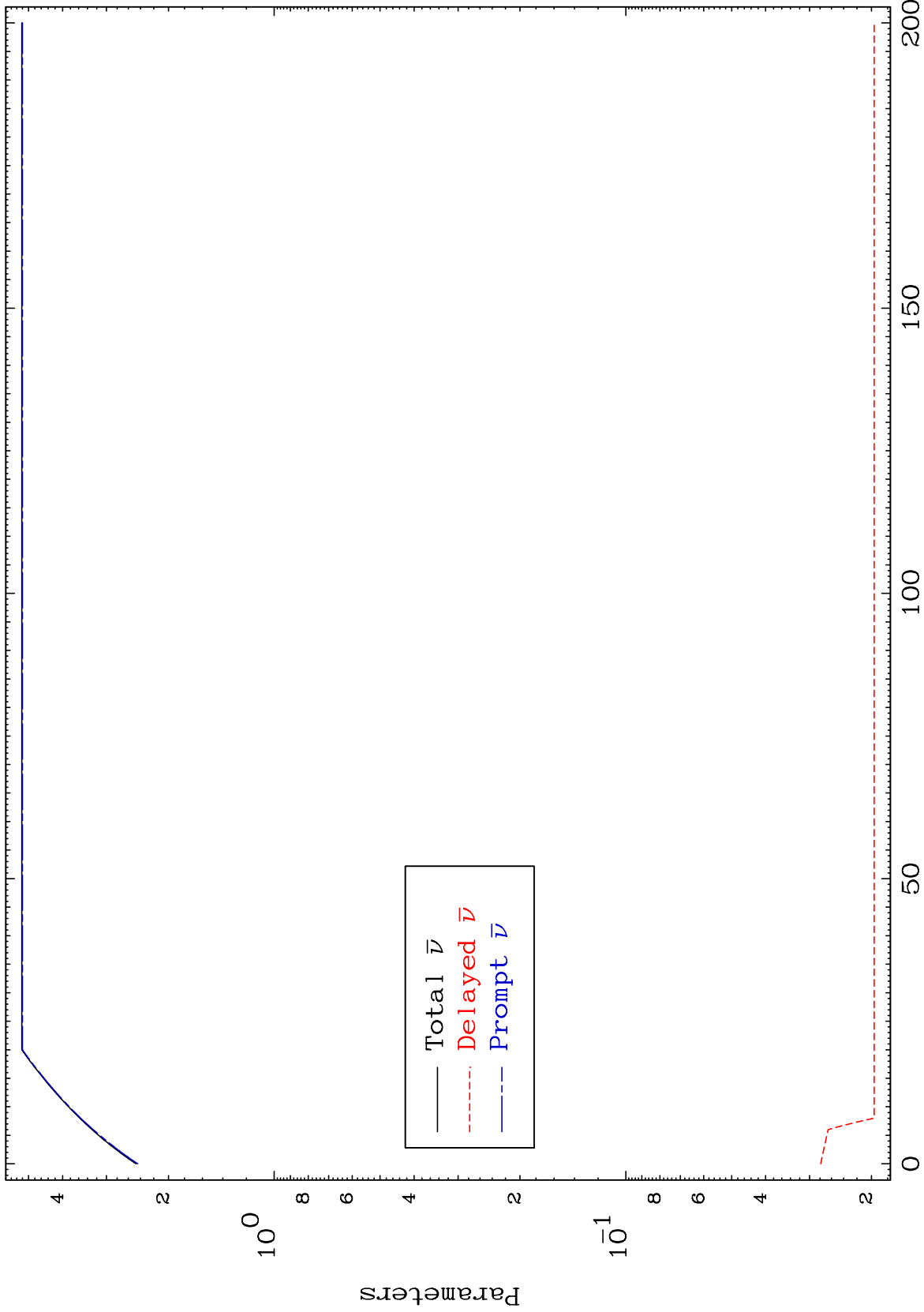
87-Fr-221



MAT 8752

Energy Release  
Parameters

87-Fr-221



19

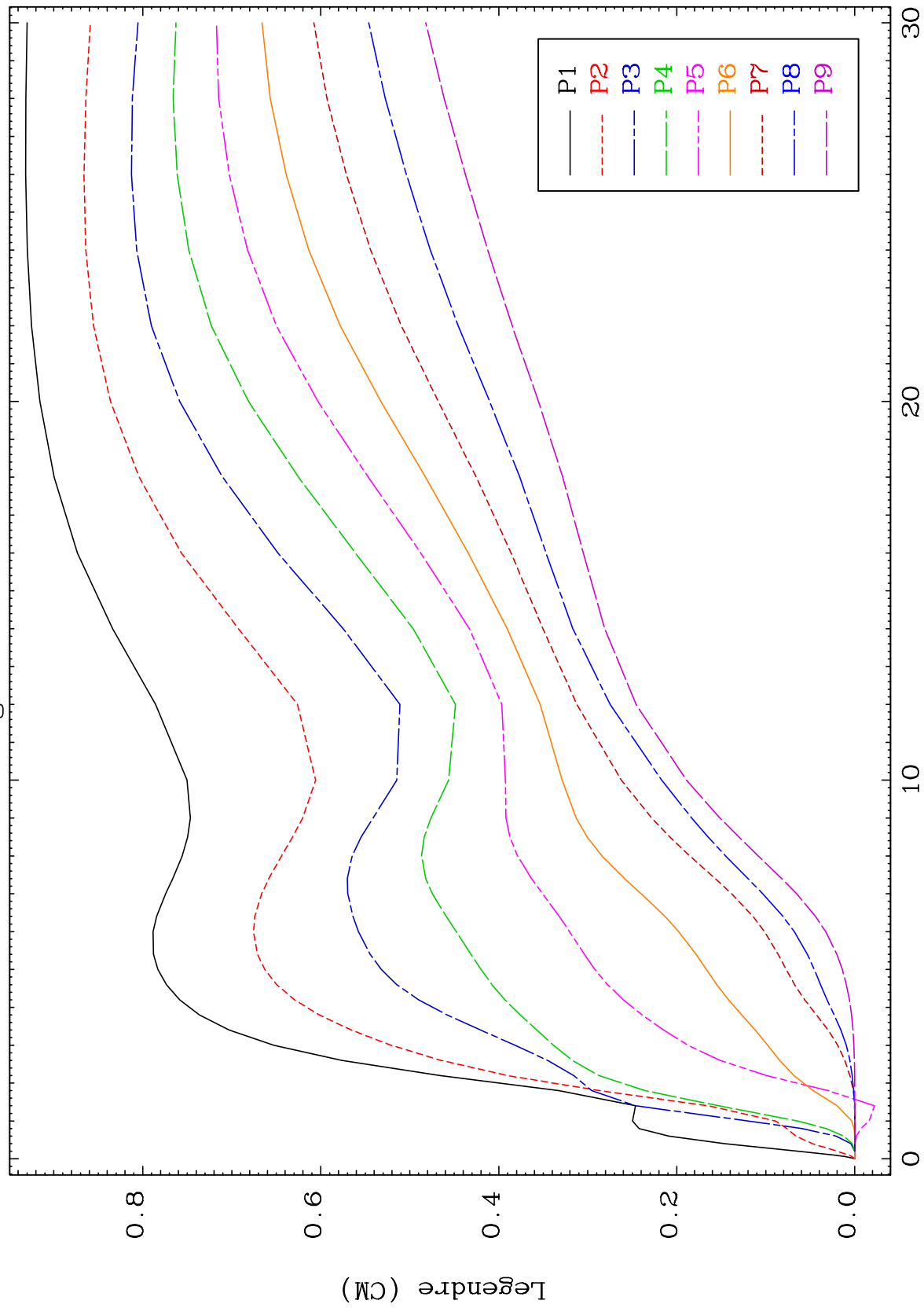
Incident Energy (MeV)

87-Fr-221

MAT 8752

Elastic Legendre Coefficients

87-Fr-221



87-Fr-221

Incident Energy (MeV)

20

30

20

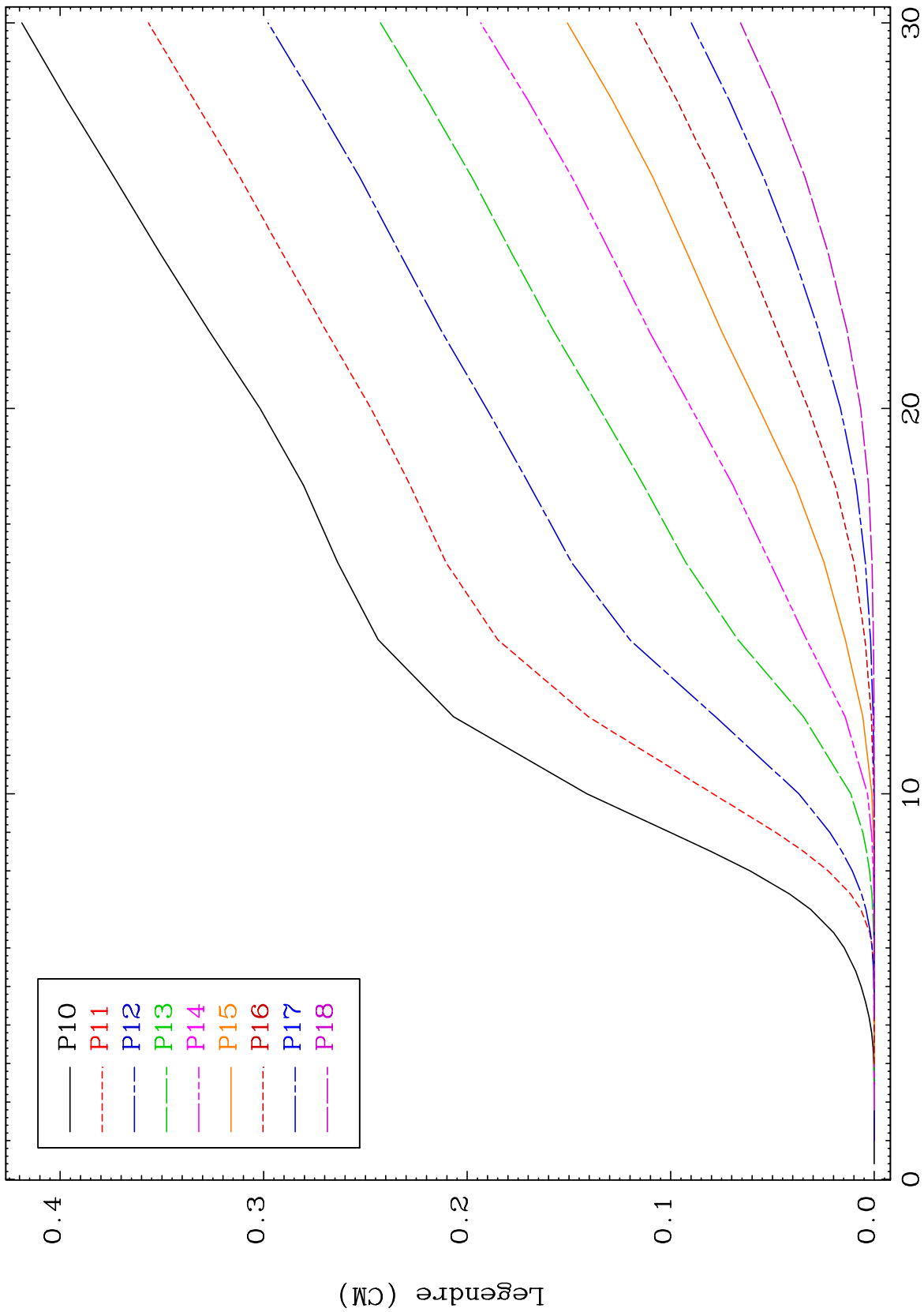
10

0

MAT 8752

Elastic Legendre Coefficients

87-Fr-221



21

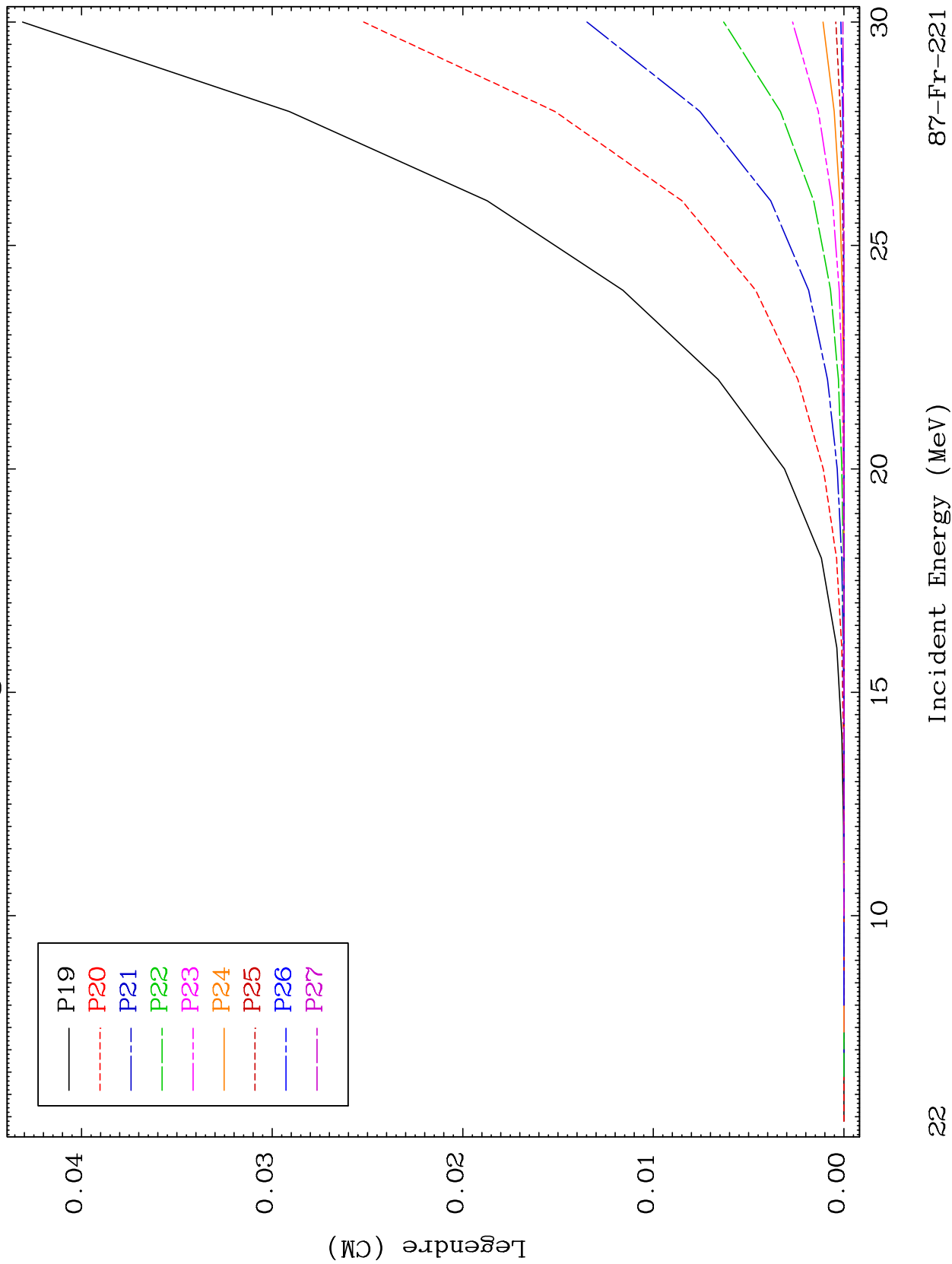
Incident Energy (MeV)

87-Fr-221

MAT 8752

### Elastic Legendre Coefficients

87-Fr-221



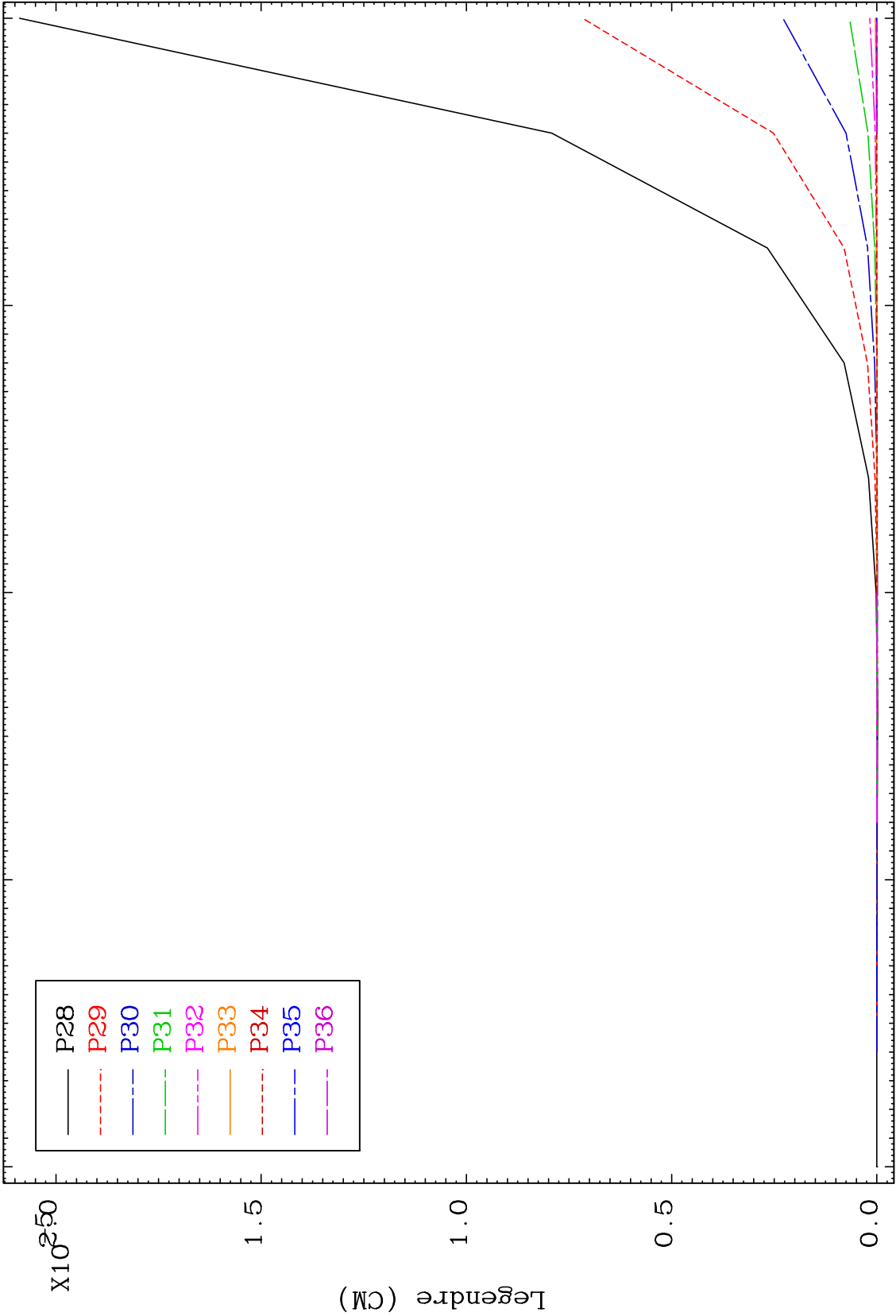
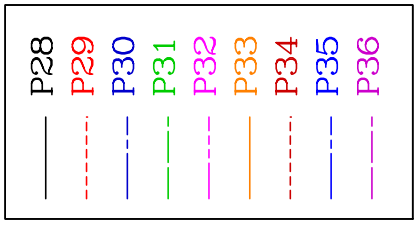
22

87-Fr-221

MAT 8752

Elastic Legendre Coefficients

87-Fr-221



23

Incident Energy (MeV)

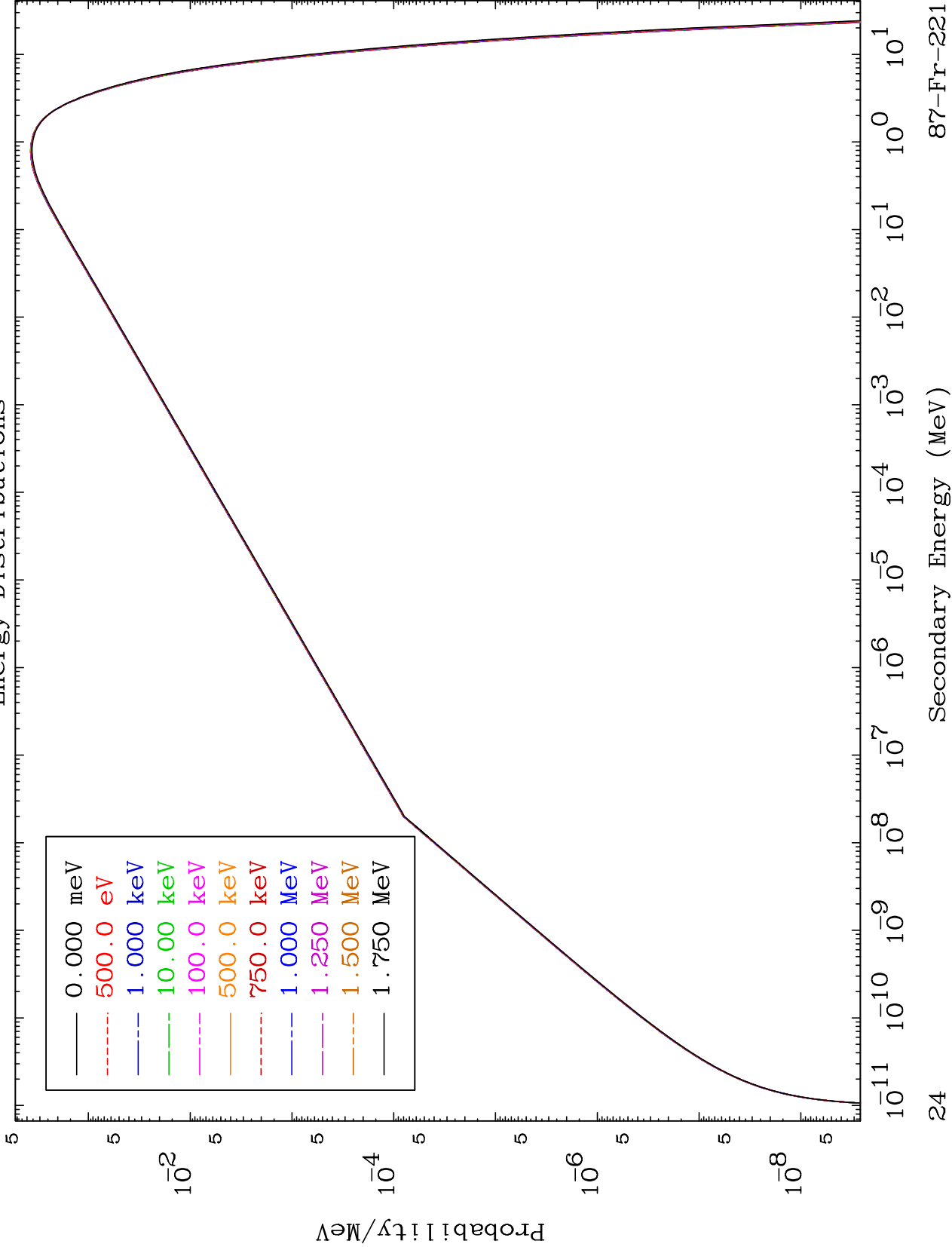
87-Fr-221



MAT 8752

### Fission Energy Distributions

87-Fr-221



87-Fr-221

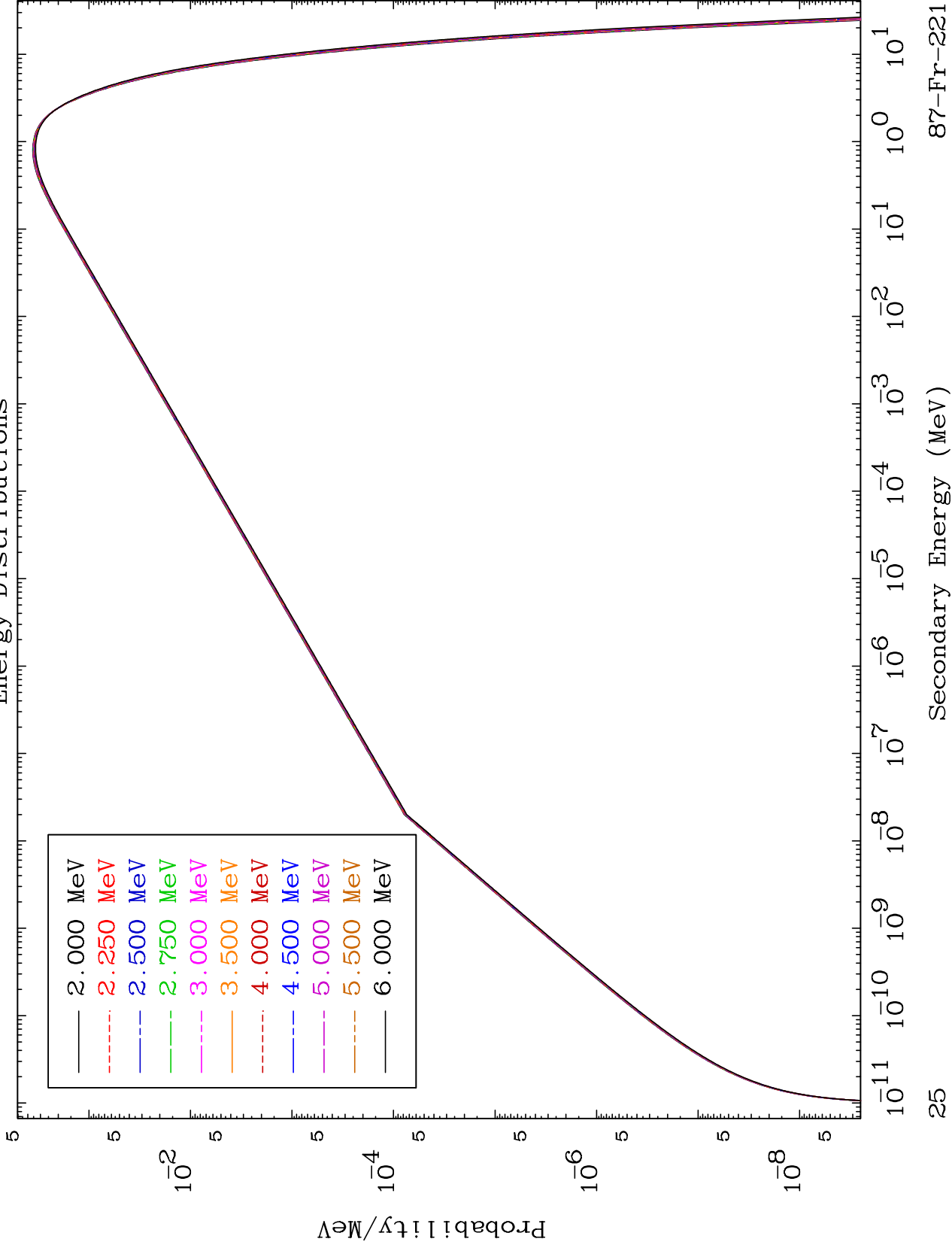
Secondary Energy (MeV)

24

MAT 8752

### Fission Energy Distributions

87-Fr-221



87-Fr-221

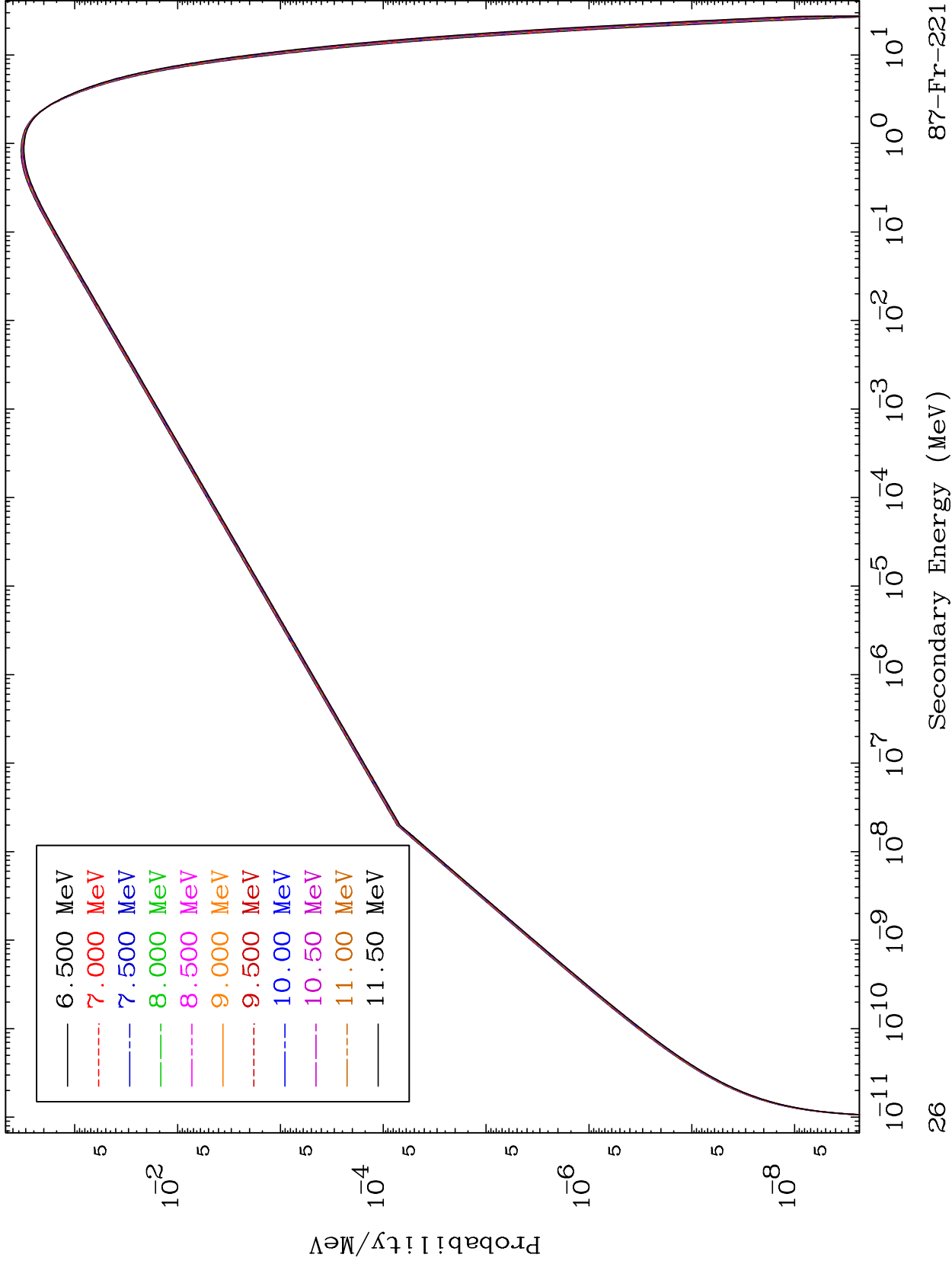
Secondary Energy (MeV)

25

MAT 8752

### Fission Energy Distributions

87-Fr-221



26

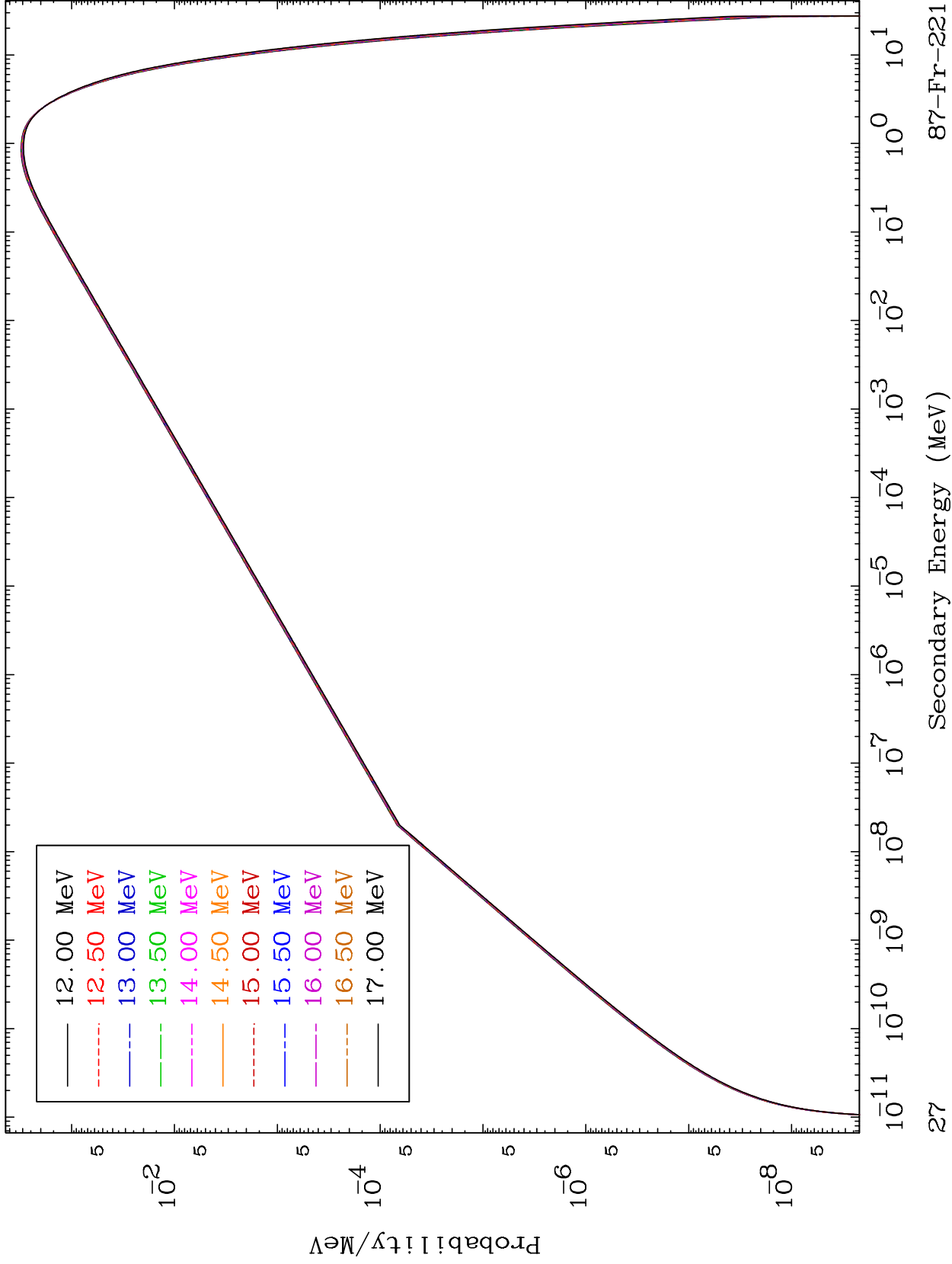
Secondary Energy (MeV)

87-Fr-221

MAT 8752

### Fission Energy Distributions

87-Fr-221



87-Fr-221

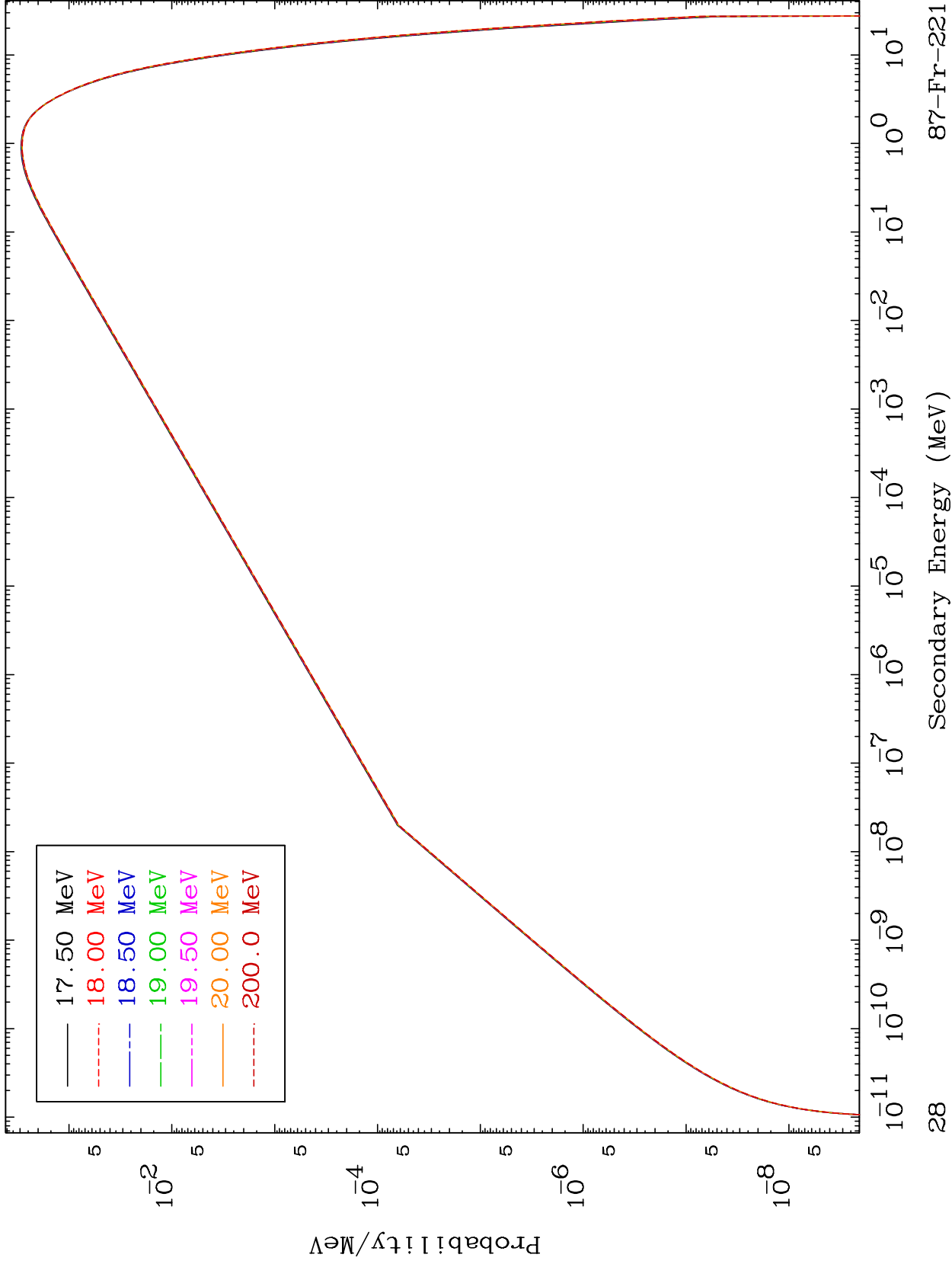
Secondary Energy (MeV)

27

MAT 8752

### Fission Energy Distributions

87-Fr-221



87-Fr-221

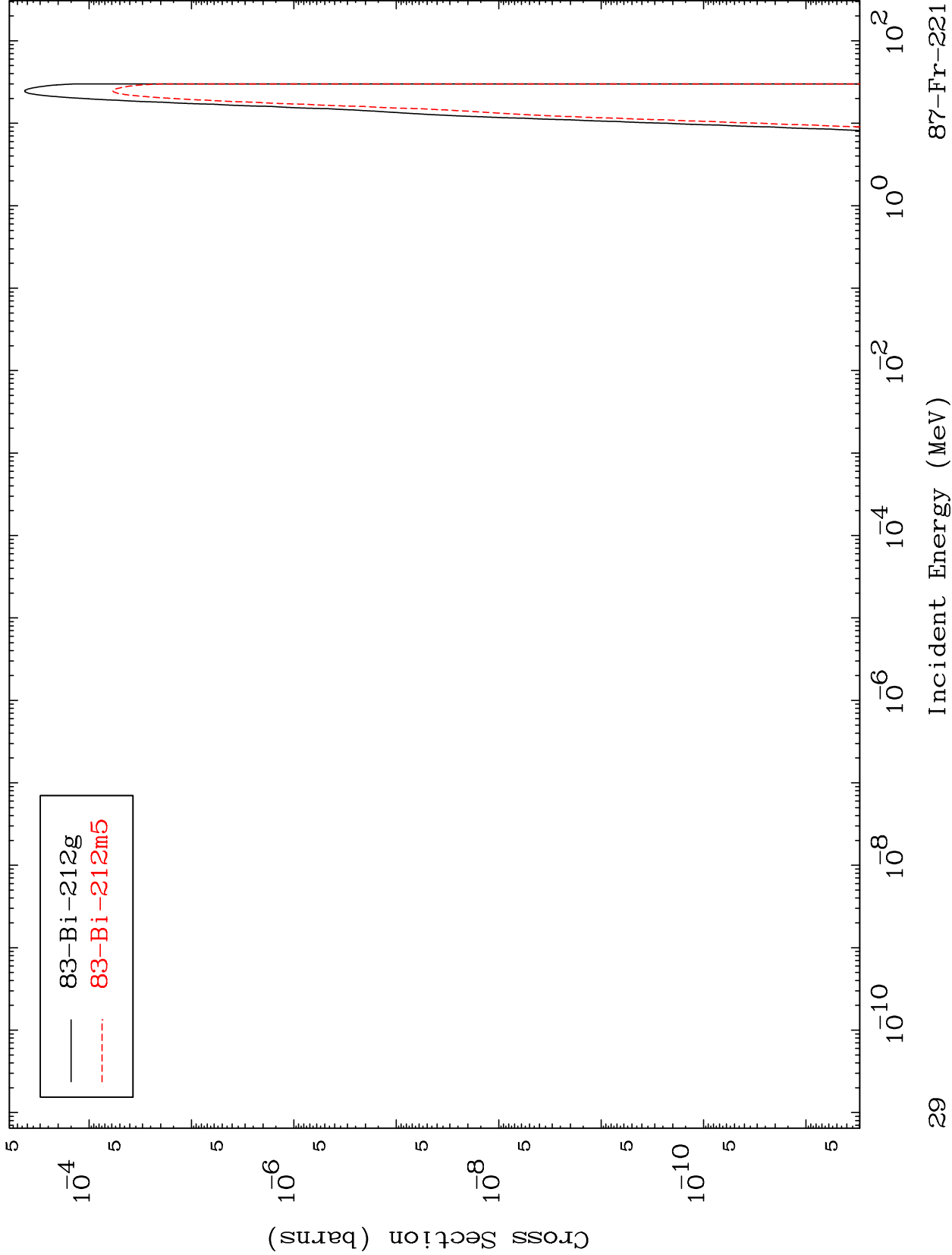
28

MAT 8752

(n,2n) 2 $\alpha$

87-Fr-221

Radionuclide Production Cross Section

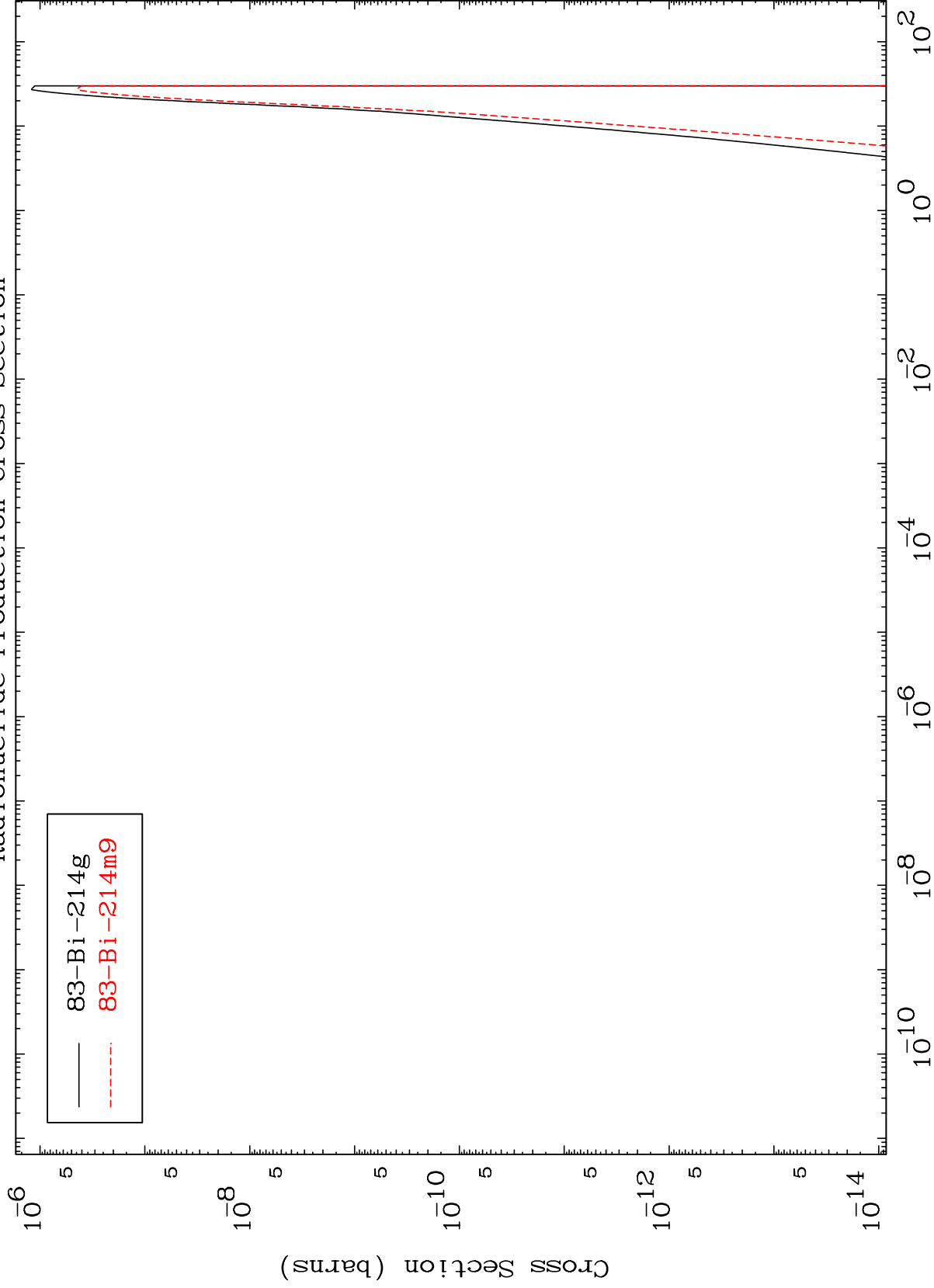


MAT 8752

(n,2α)

87-Fr-221

Radionuclide Production Cross Section



30

Incident Energy (MeV)

87-Fr-221