

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

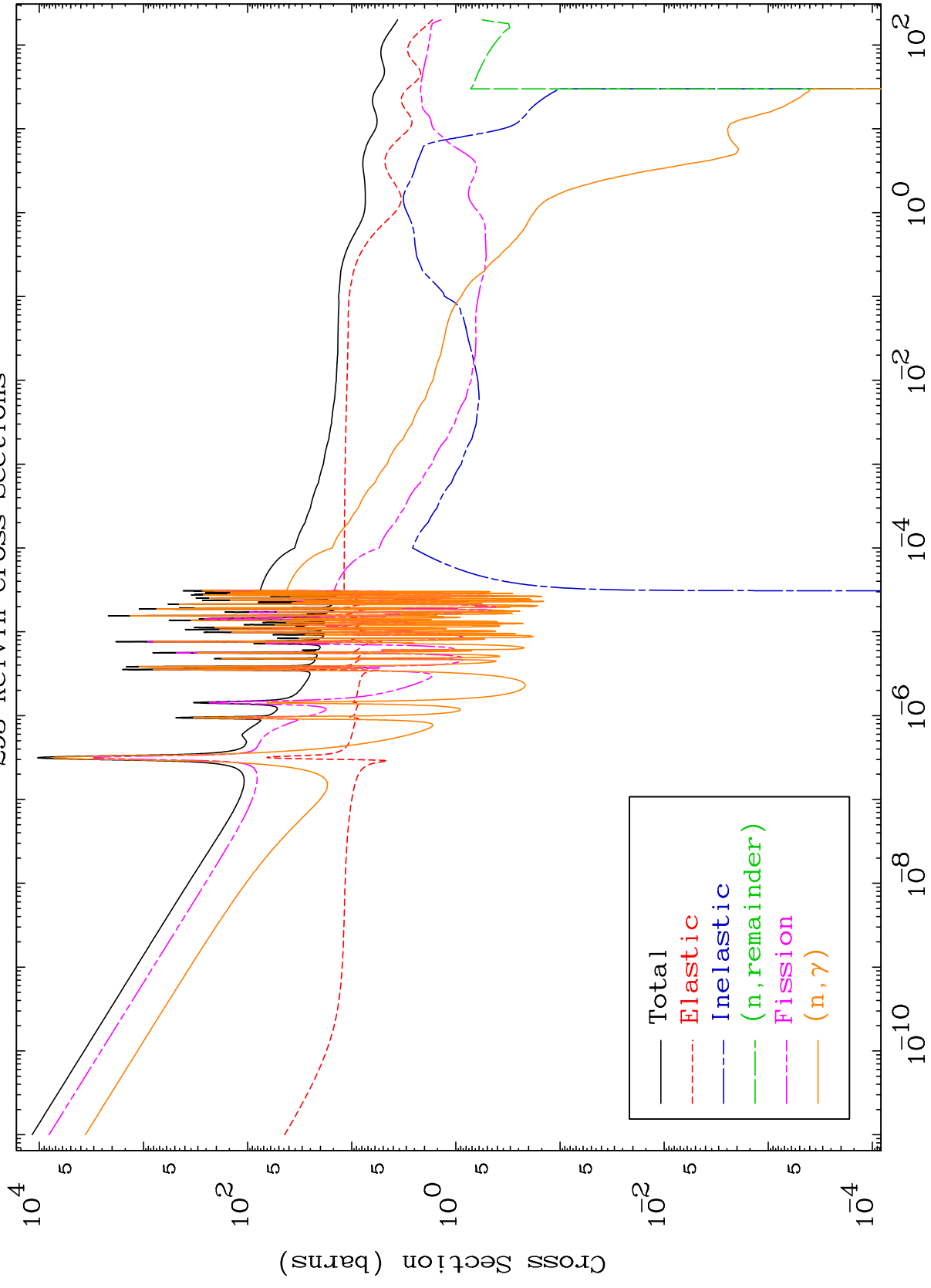
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9933

Major  
293 Kelvin Cross Sections

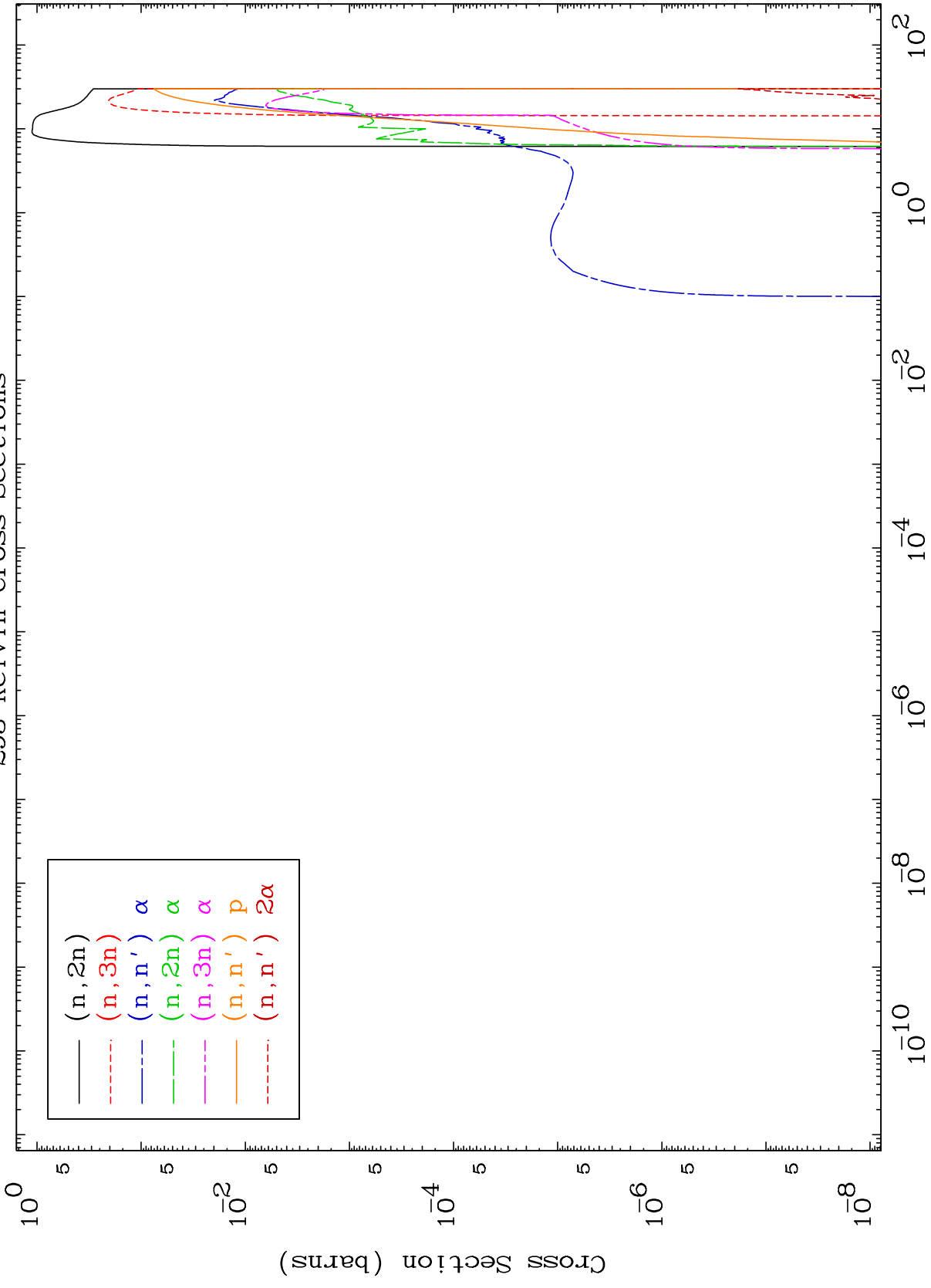
100-Fm-247



MAT 9933

Neutron Production  
293 Kelvin Cross Sections

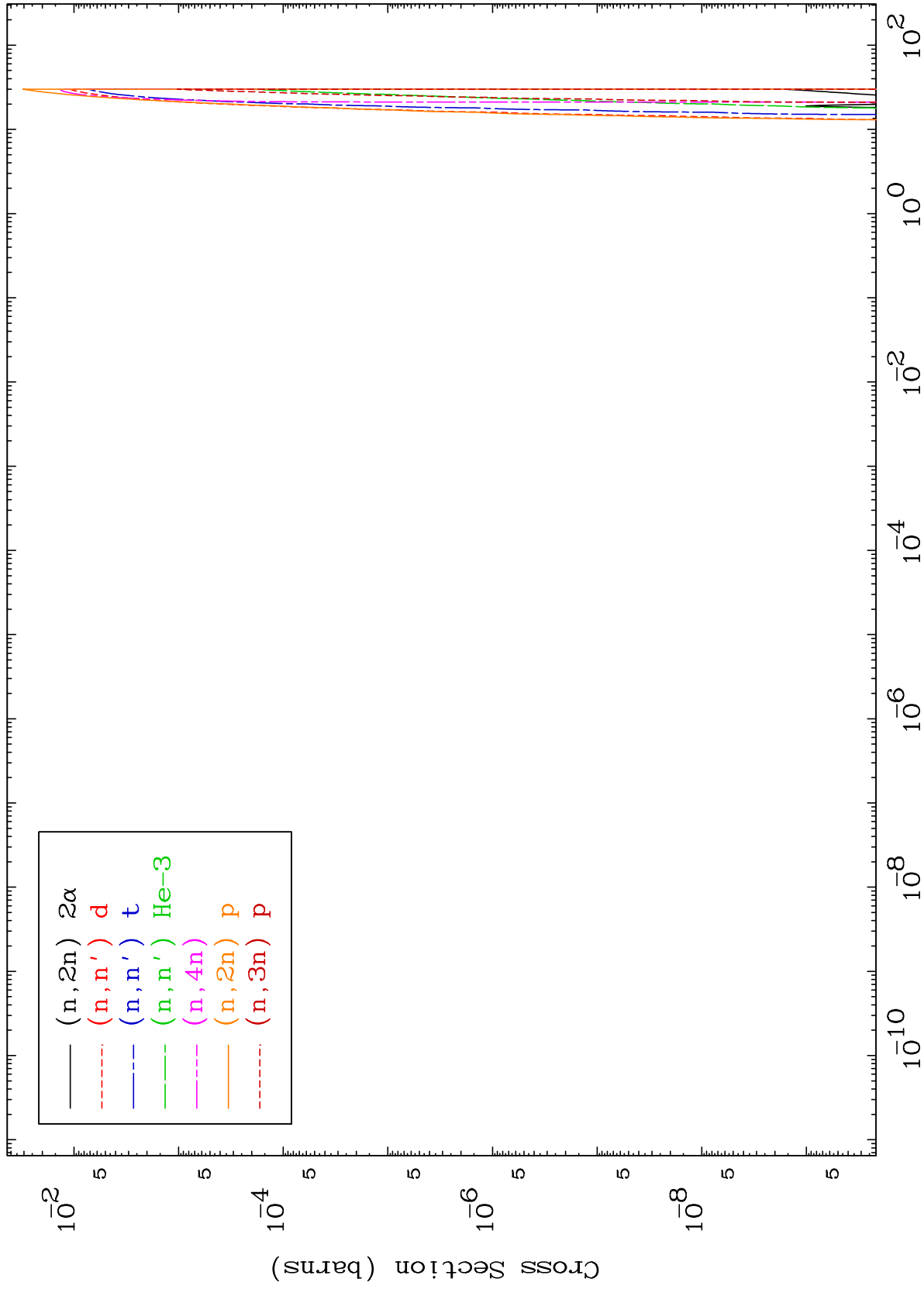
100-Fm-247



MAT 9933

Neutron Production  
293 Kelvin Cross Sections

100-Fm-247

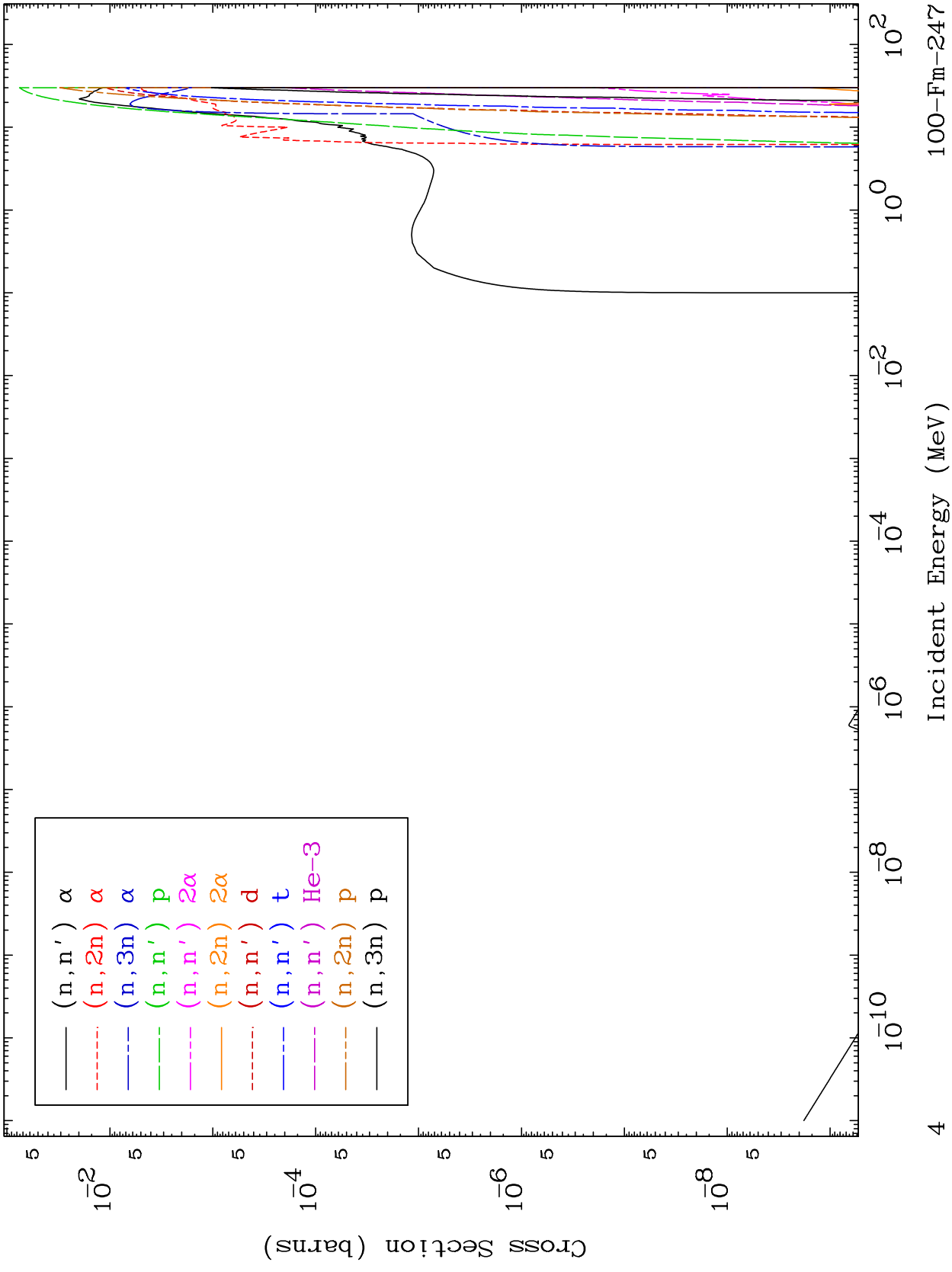


100-Fm-247

MAT 9933

Charged Particle  
293 Kelvin Cross Sections

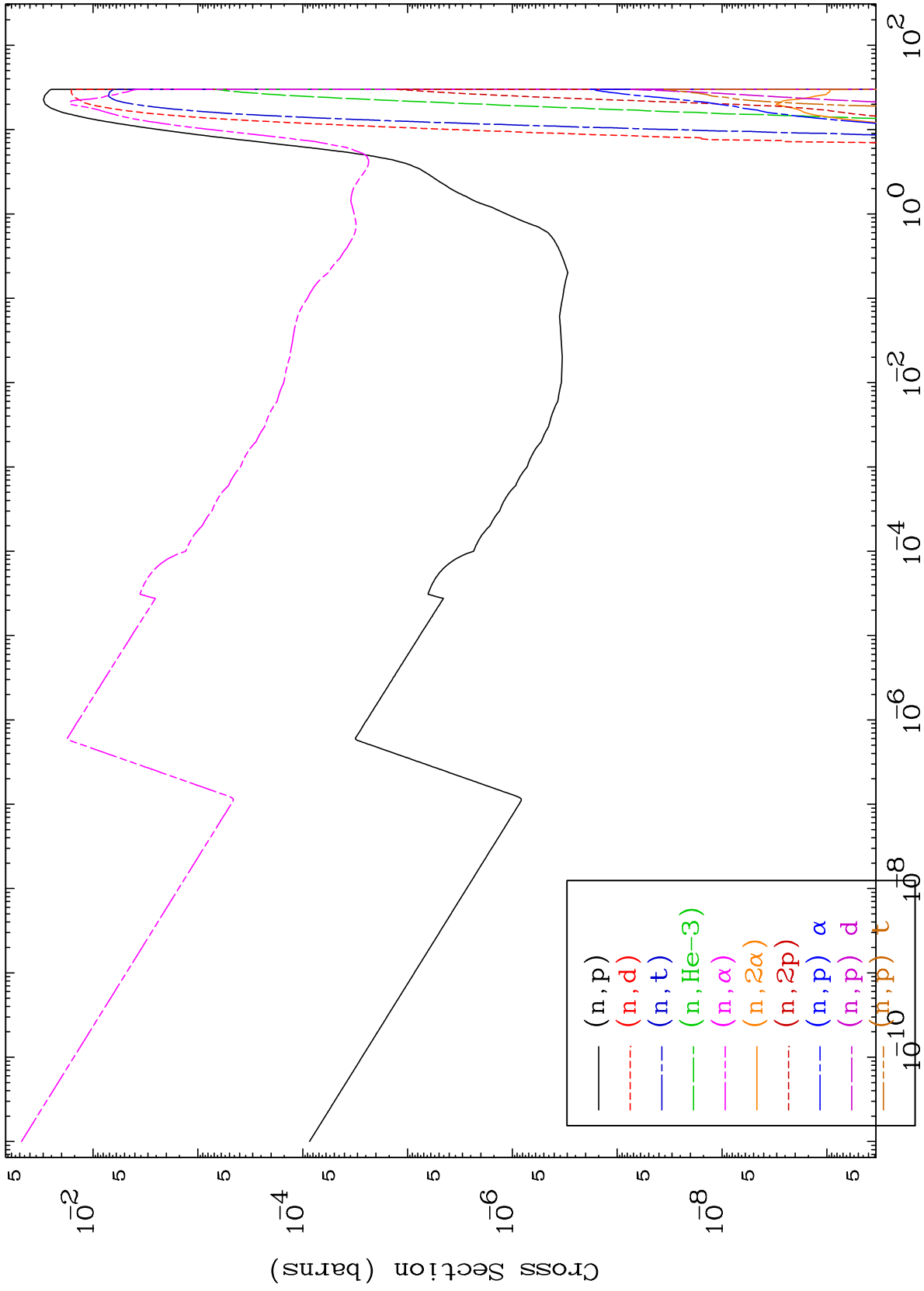
100-Fm-247



MAT 9933

Charged Particle  
293 Kelvin Cross Sections

100-Fm-247



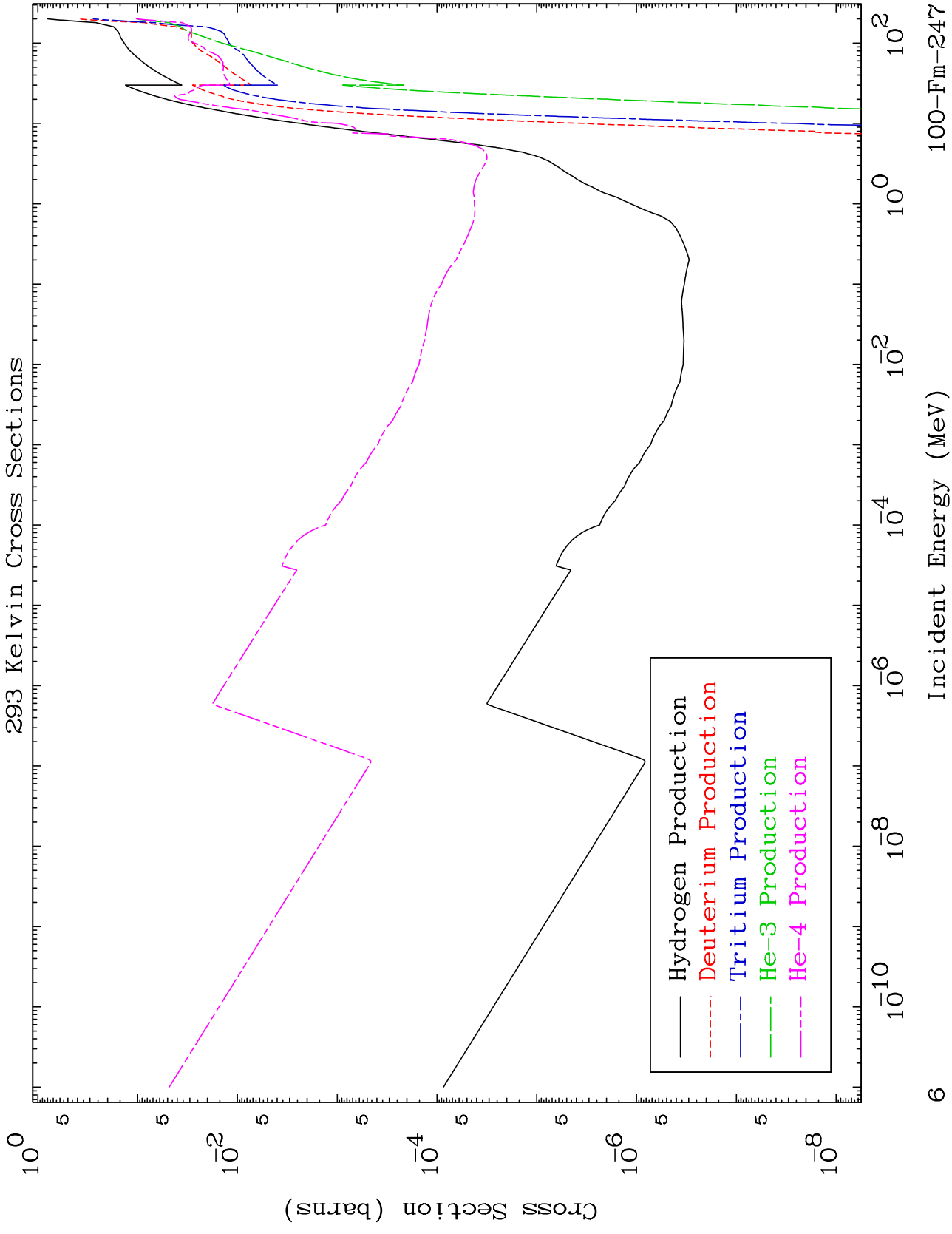
5

100-Fm-247

MAT 9933

Particle Production  
293 Kelvin Cross Sections

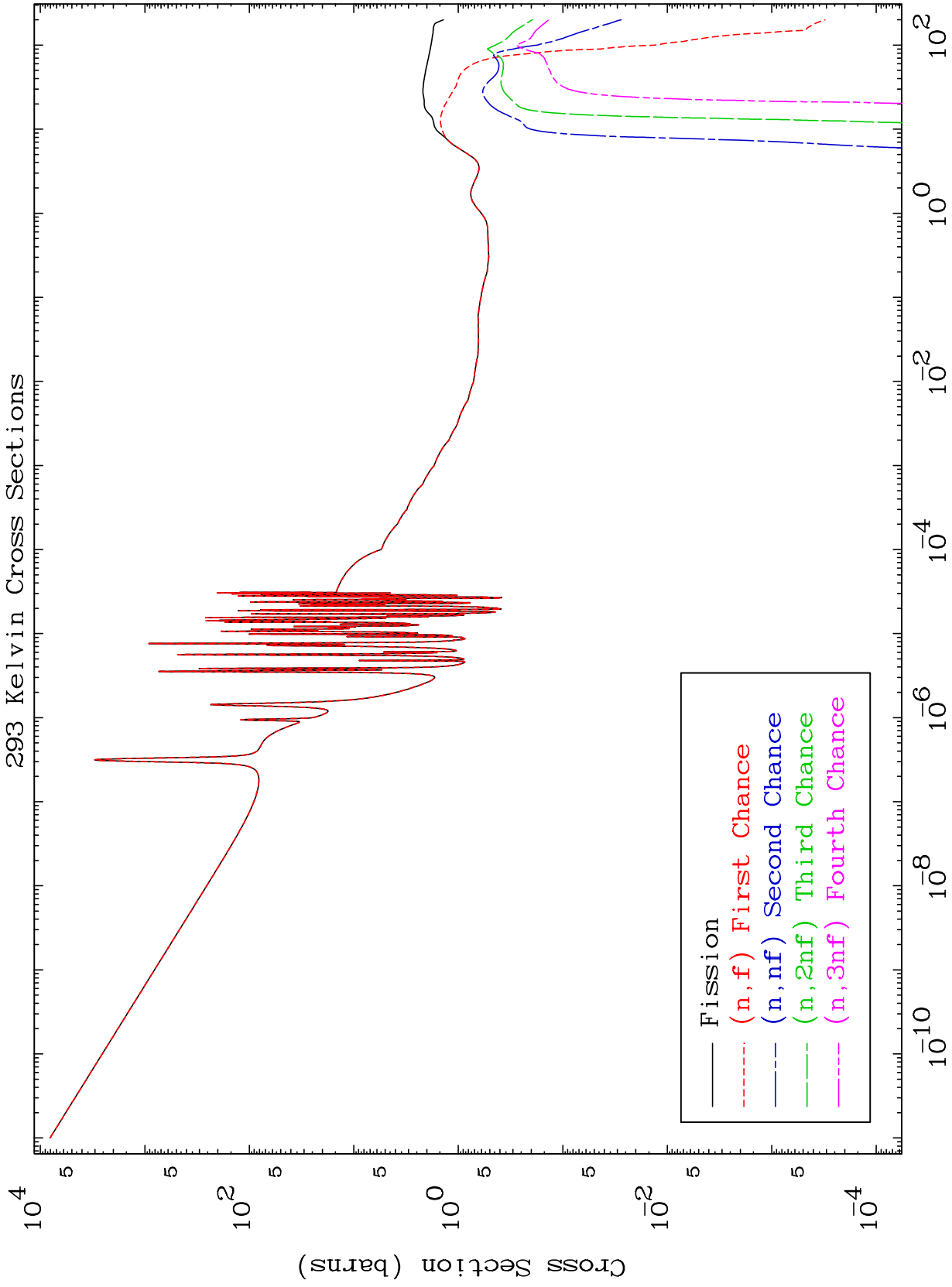
100-Fm-247



MAT 9933

Fission  
293 Kelvin Cross Sections

100-Fm-247

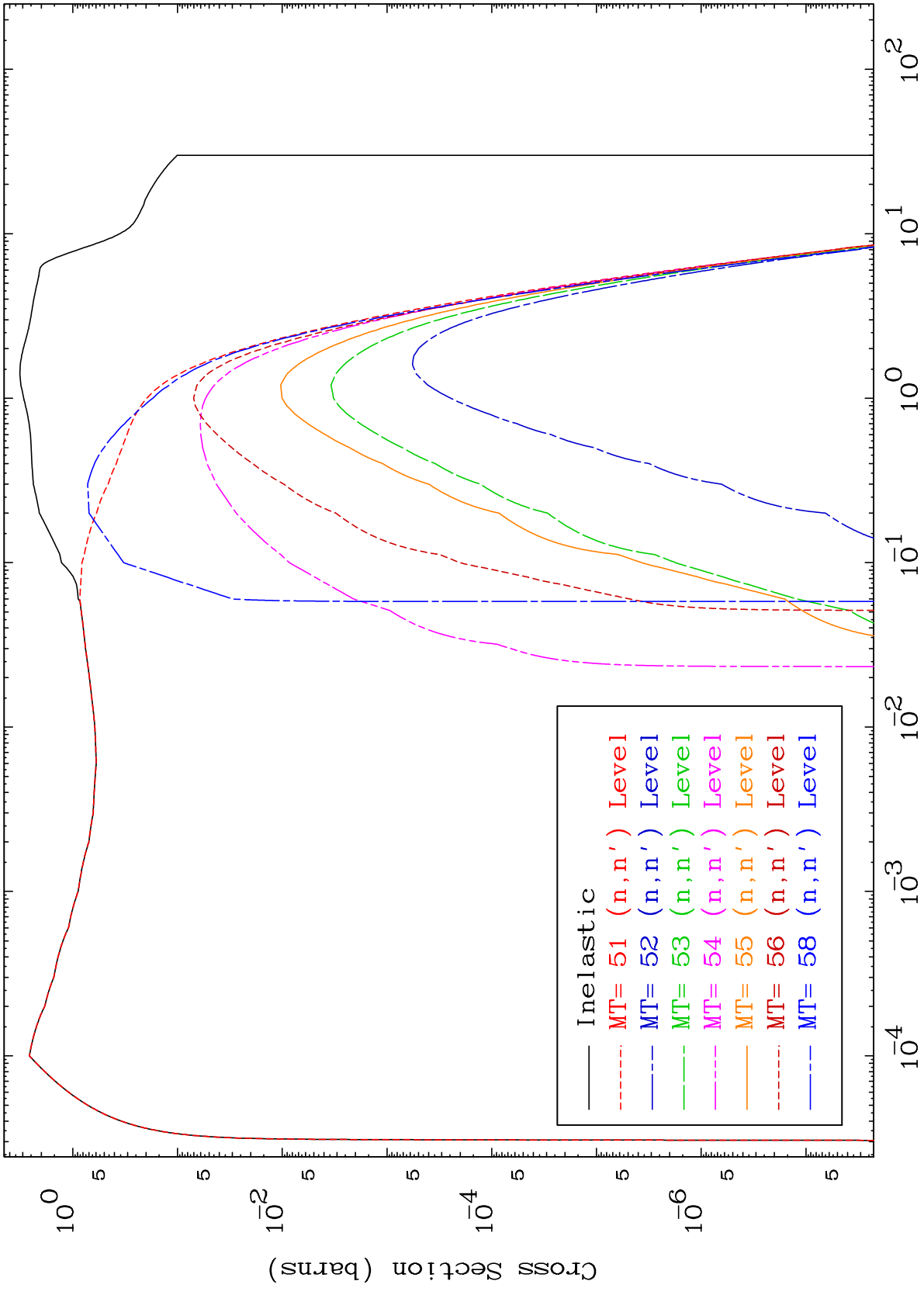




MAT 9933

(n,n') Level  
293 Kelvin Cross Sections

100-Fm-247



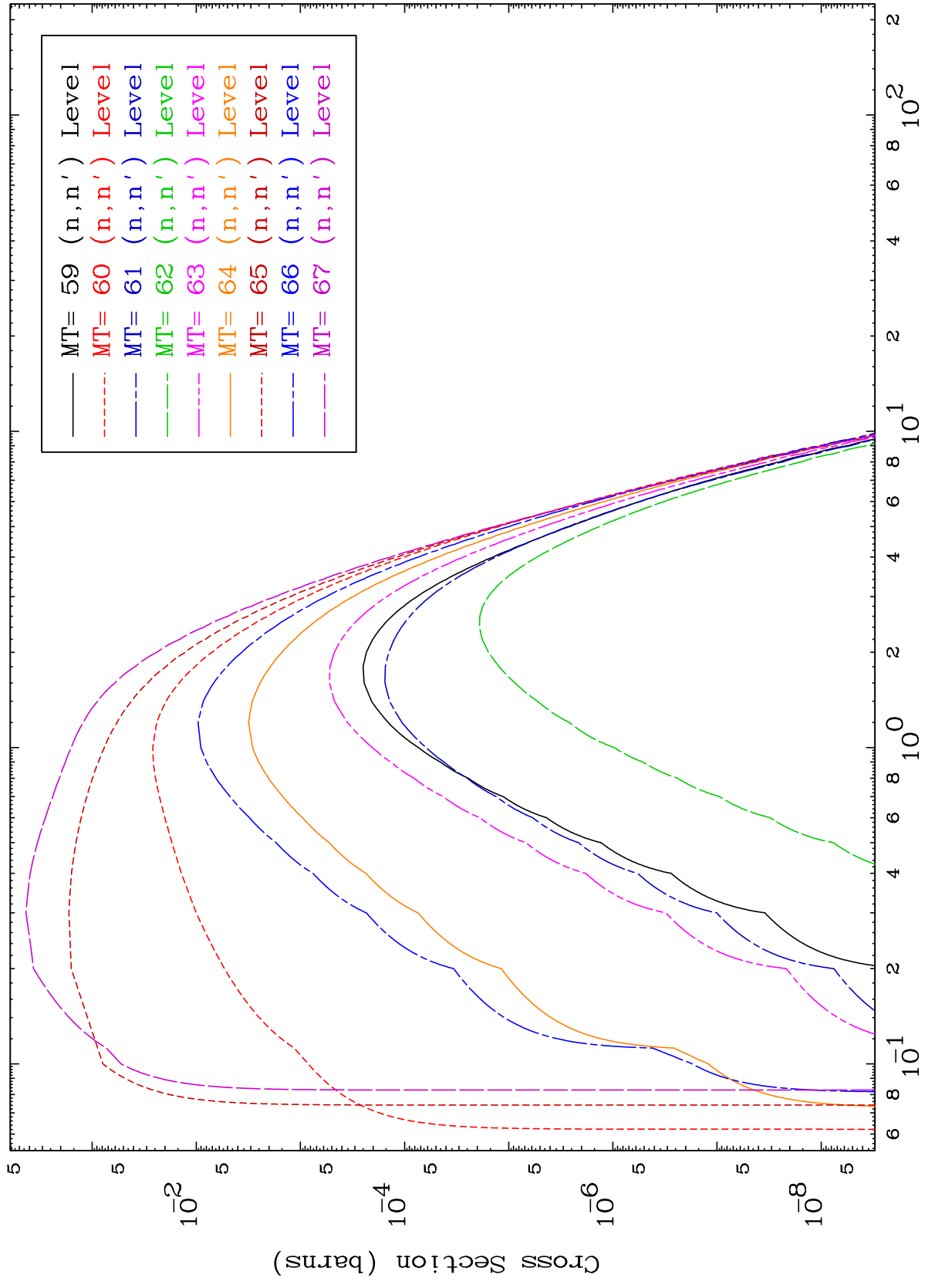
100-Fm-247

Incident Energy (MeV)

MAT 9933

(n,n') Level  
293 Kelvin Cross Sections

100-Fm-247



9

Incident Energy (MeV)

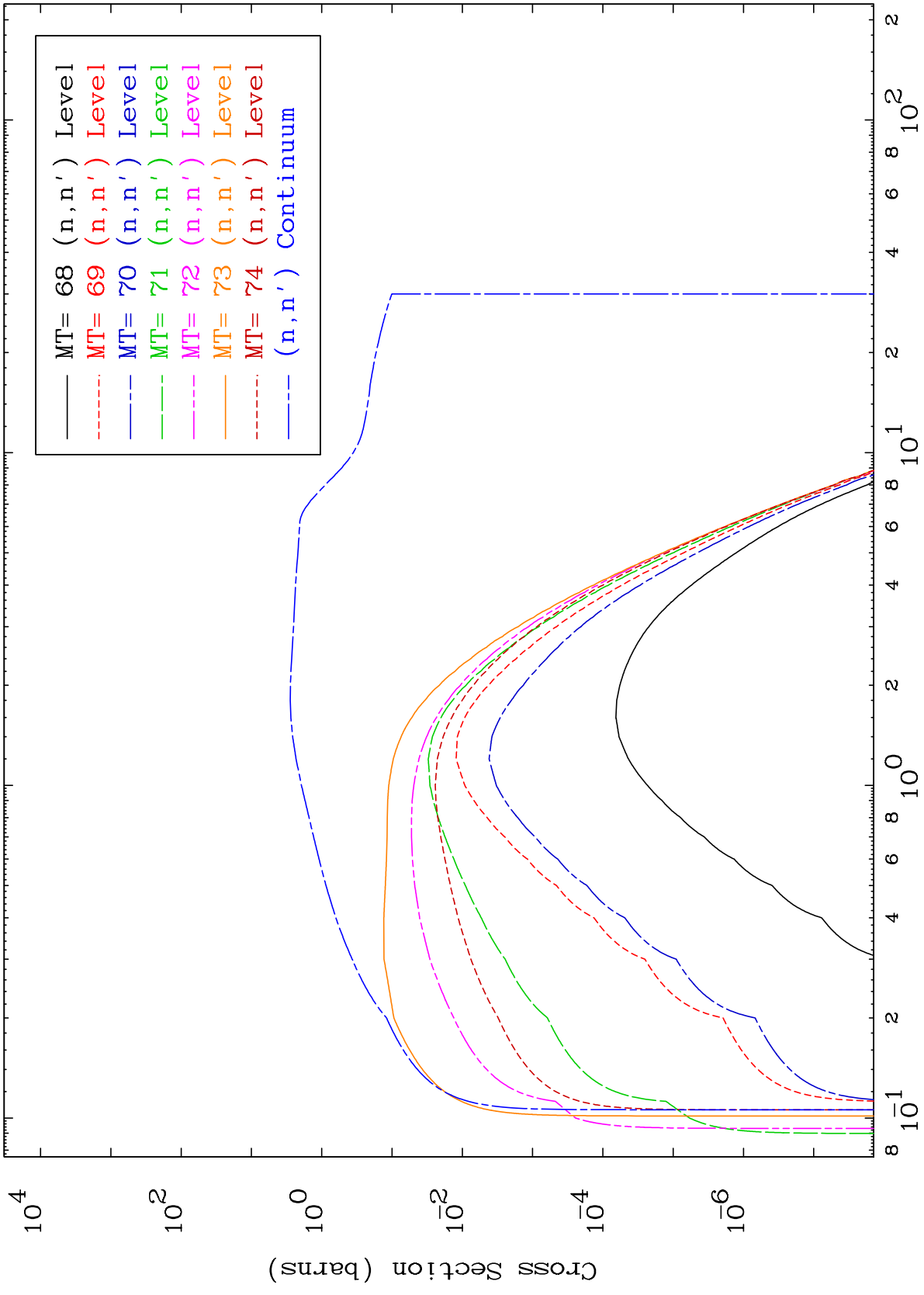
100-Fm-247

MAT 9933

(n,n') Level

100-Fm-247

293 Kelvin Cross Sections



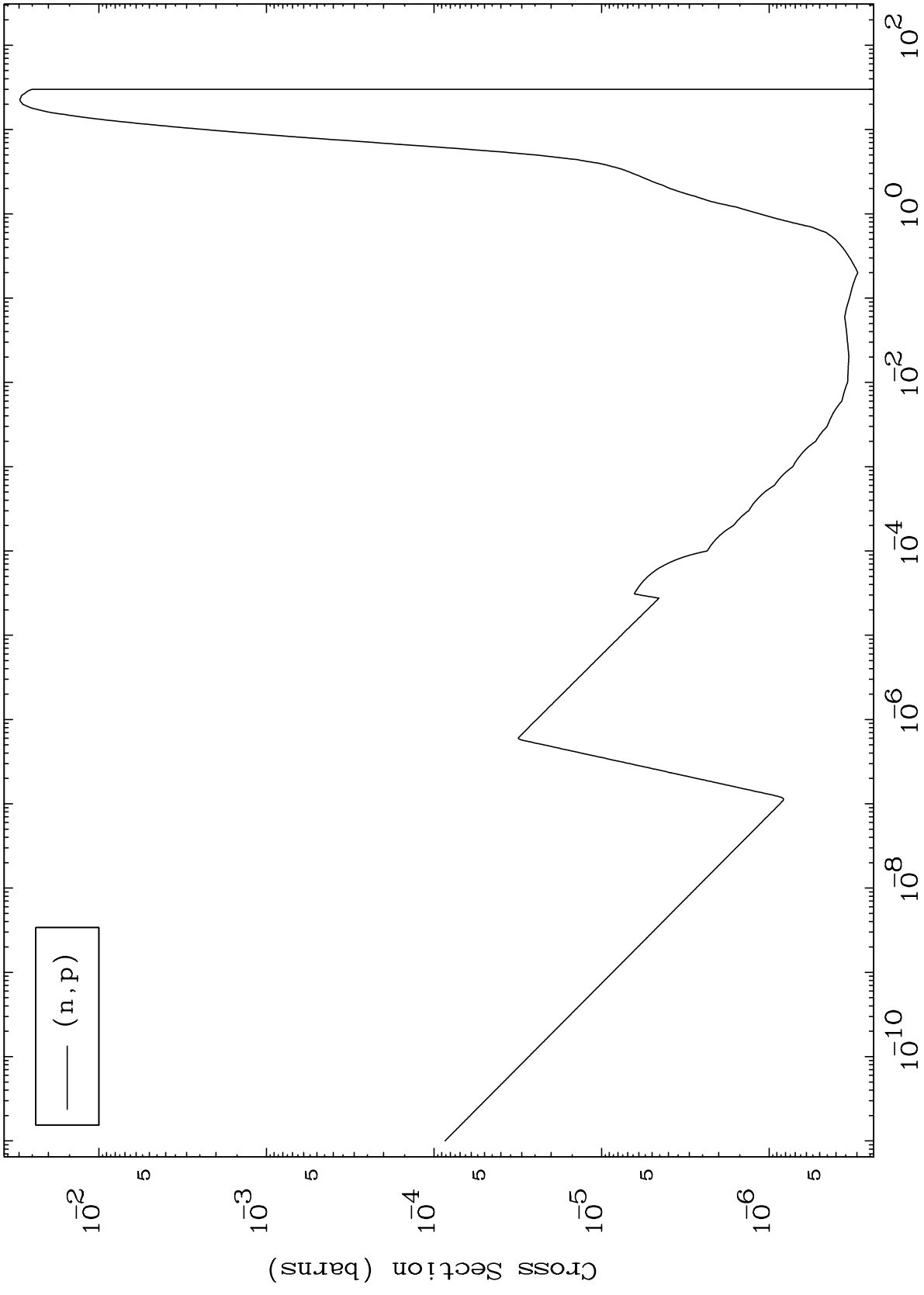
Incident Energy (MeV)

100-Fm-247

MAT 9933

(n,p) Levels  
293 Kelvin Cross Sections

100-Fm-247



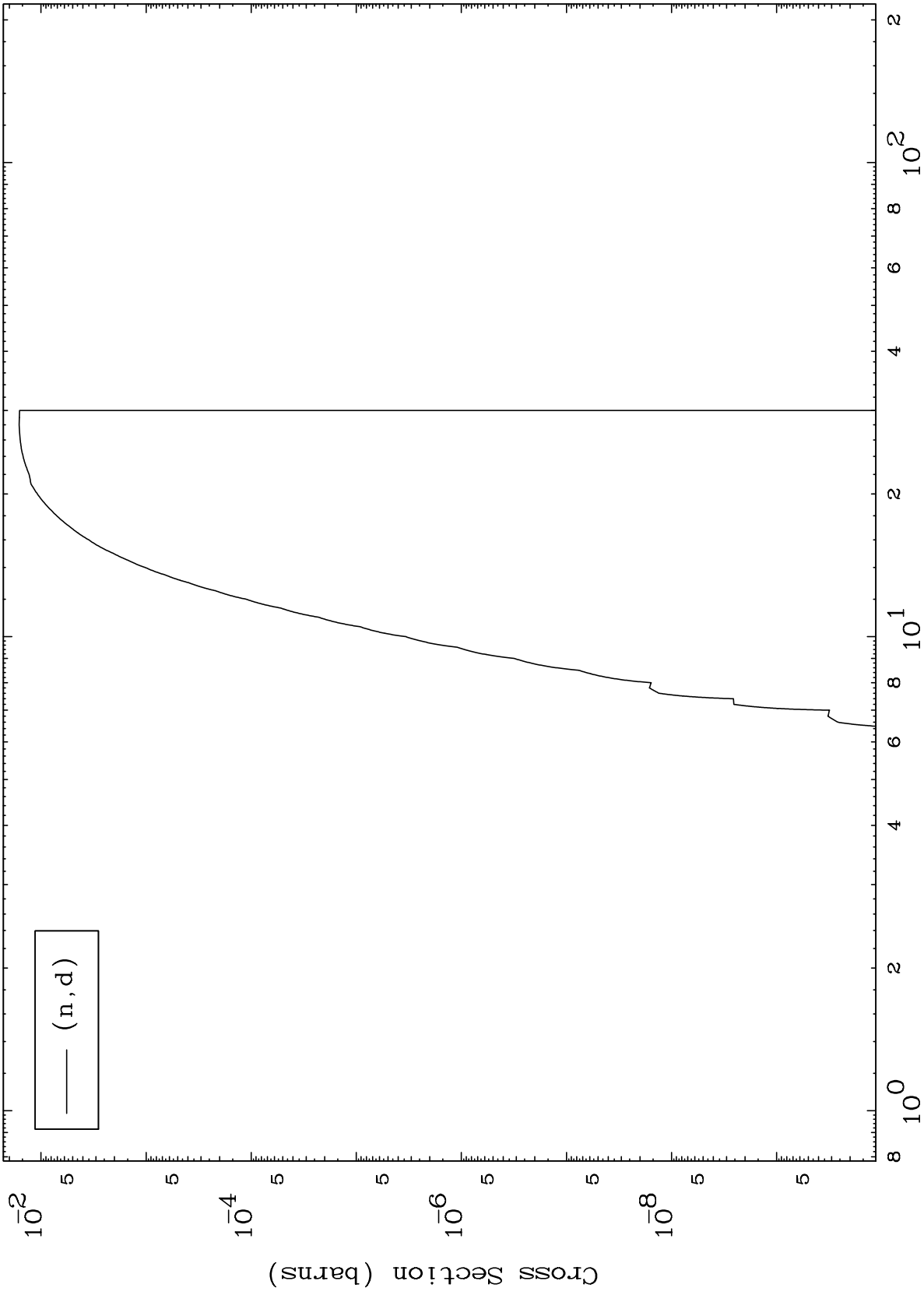
100-Fm-247

Incident Energy (MeV)

MAT 9933

(n,d) Levels  
293 Kelvin Cross Sections

100-Fm-247



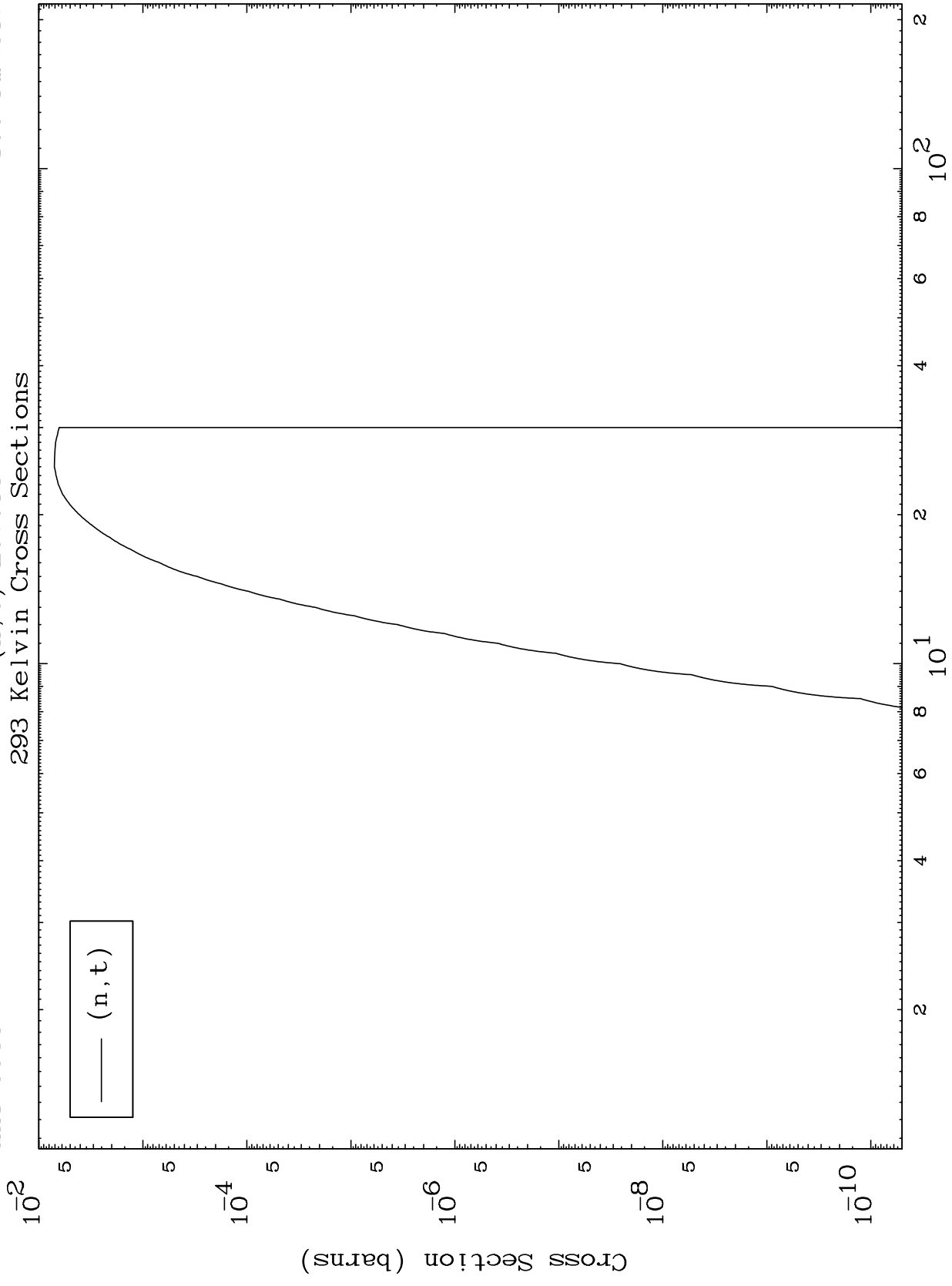
12

100-Fm-247

MAT 9933

(n,t) Levels  
293 Kelvin Cross Sections

100-Fm-247



13

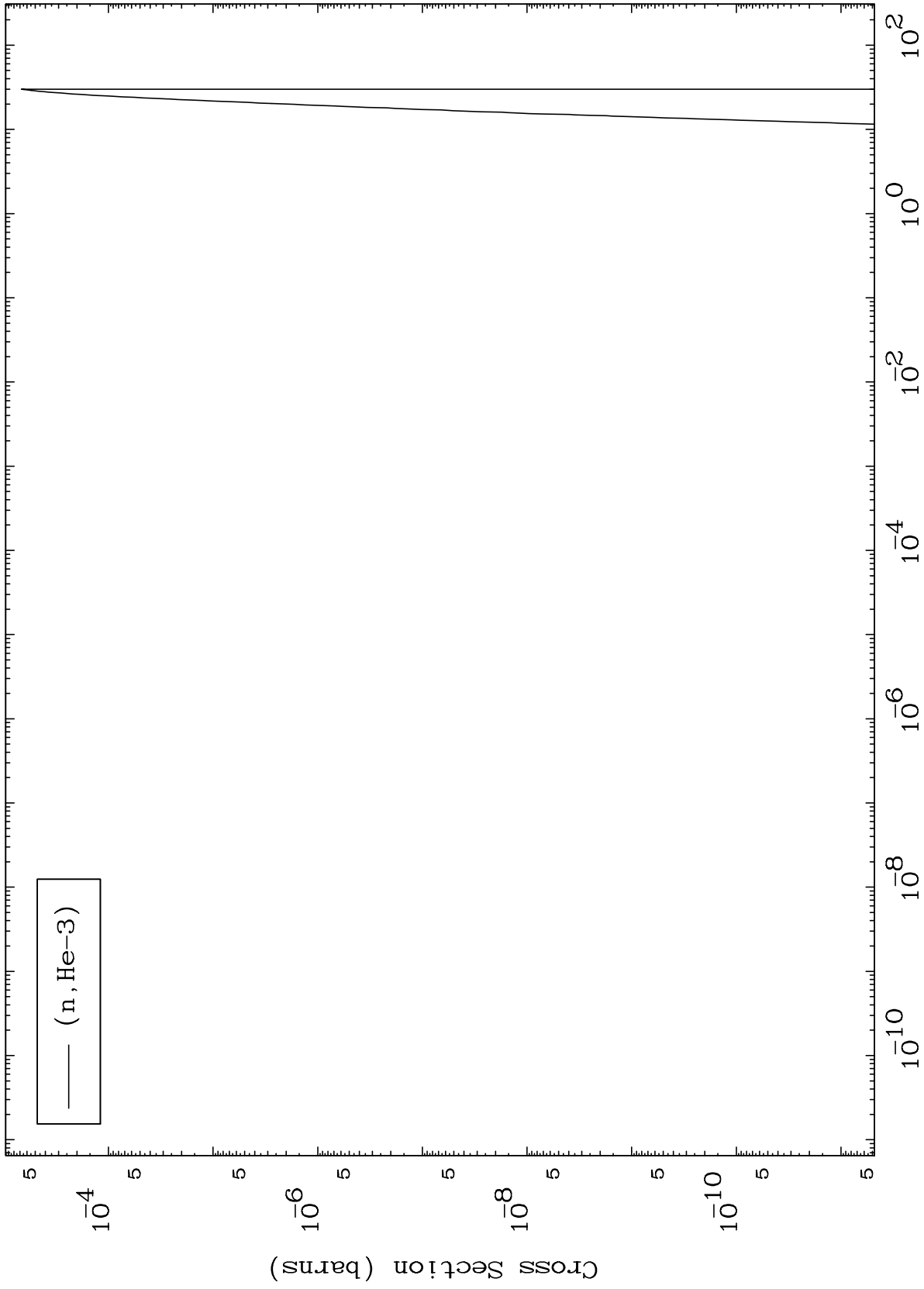
Incident Energy (MeV)

100-Fm-247

MAT 9933

(n,He3) Levels  
293 Kelvin Cross Sections

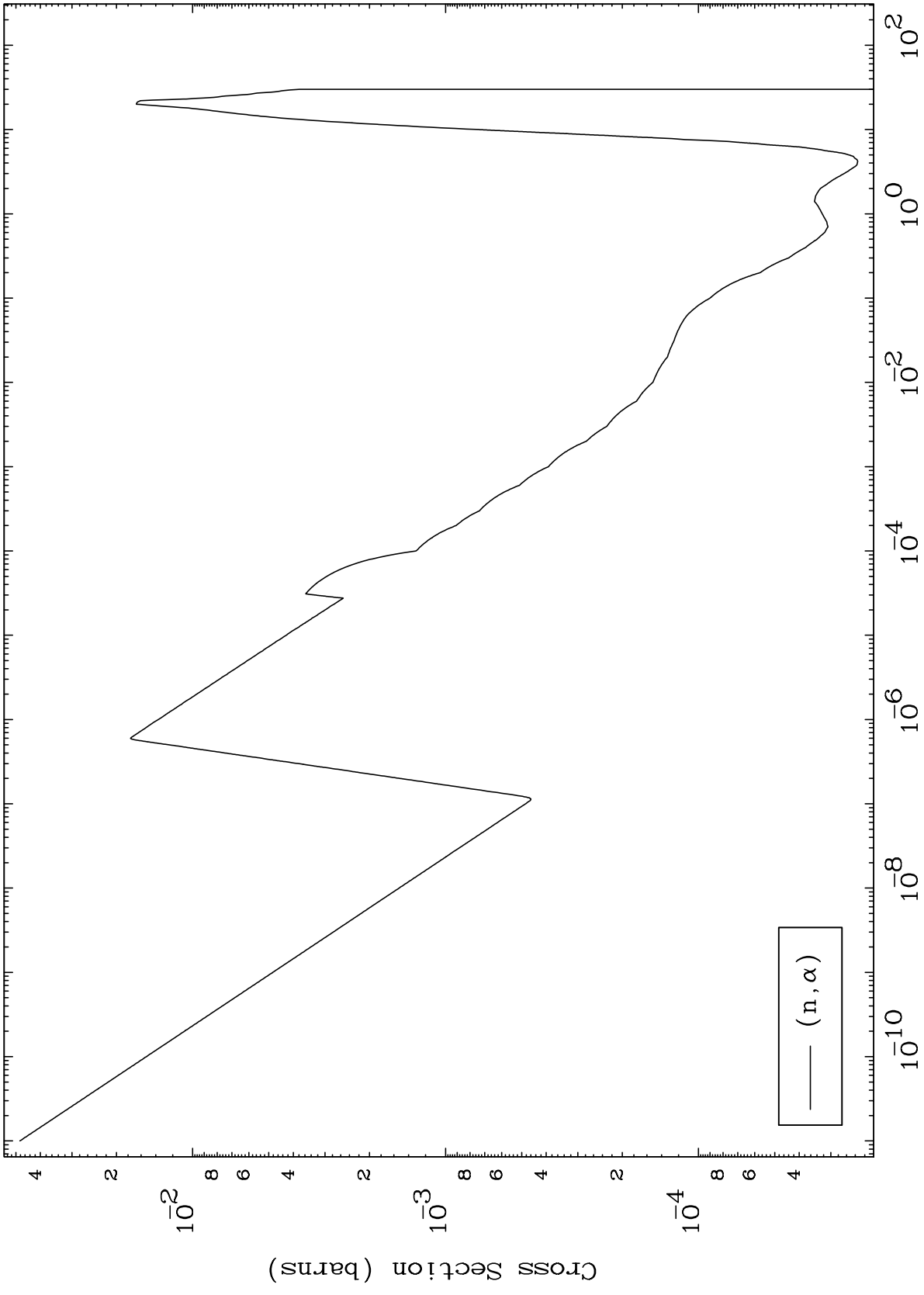
100-Fm-247



MAT 9933

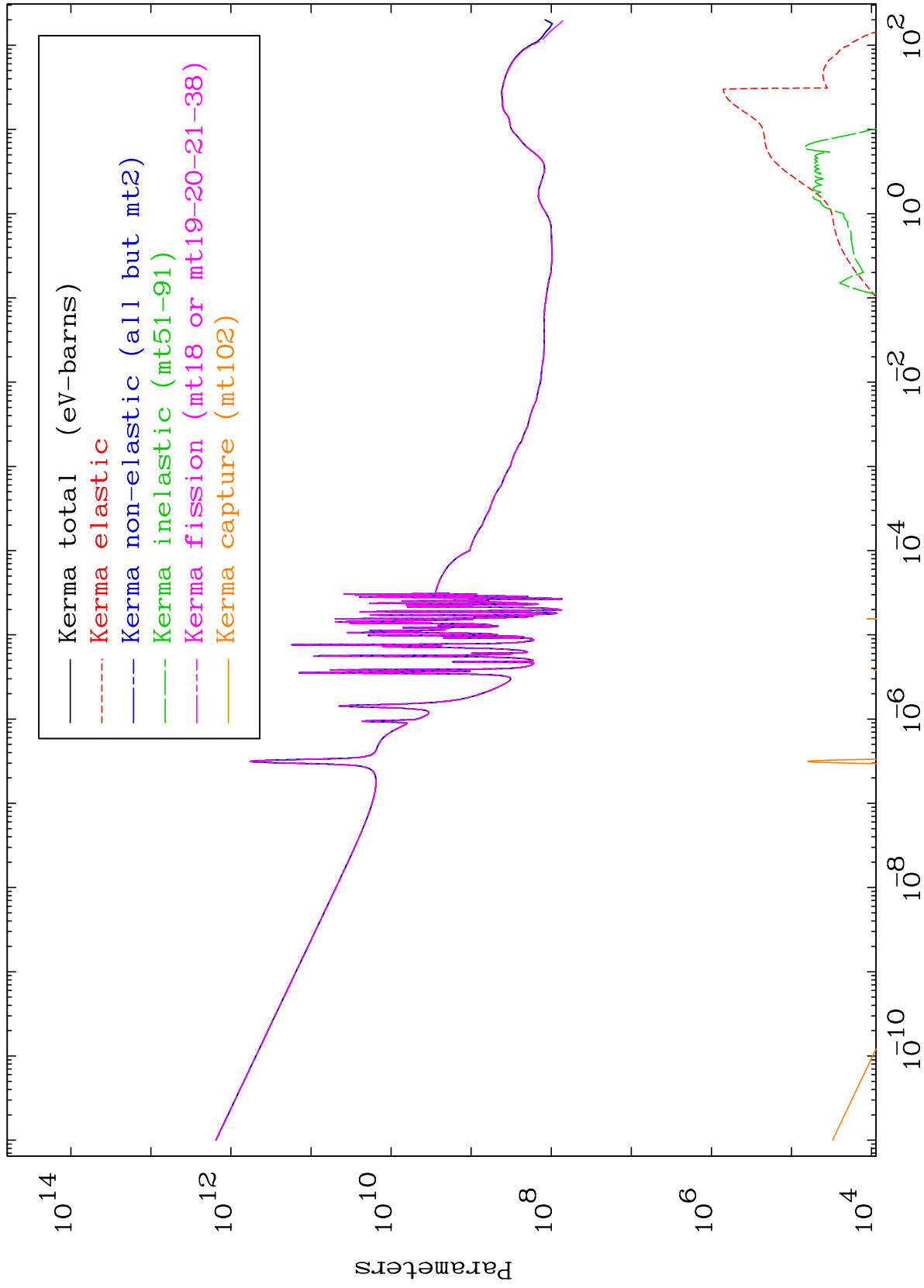
(n,α) Levels  
293 Kelvin Cross Sections

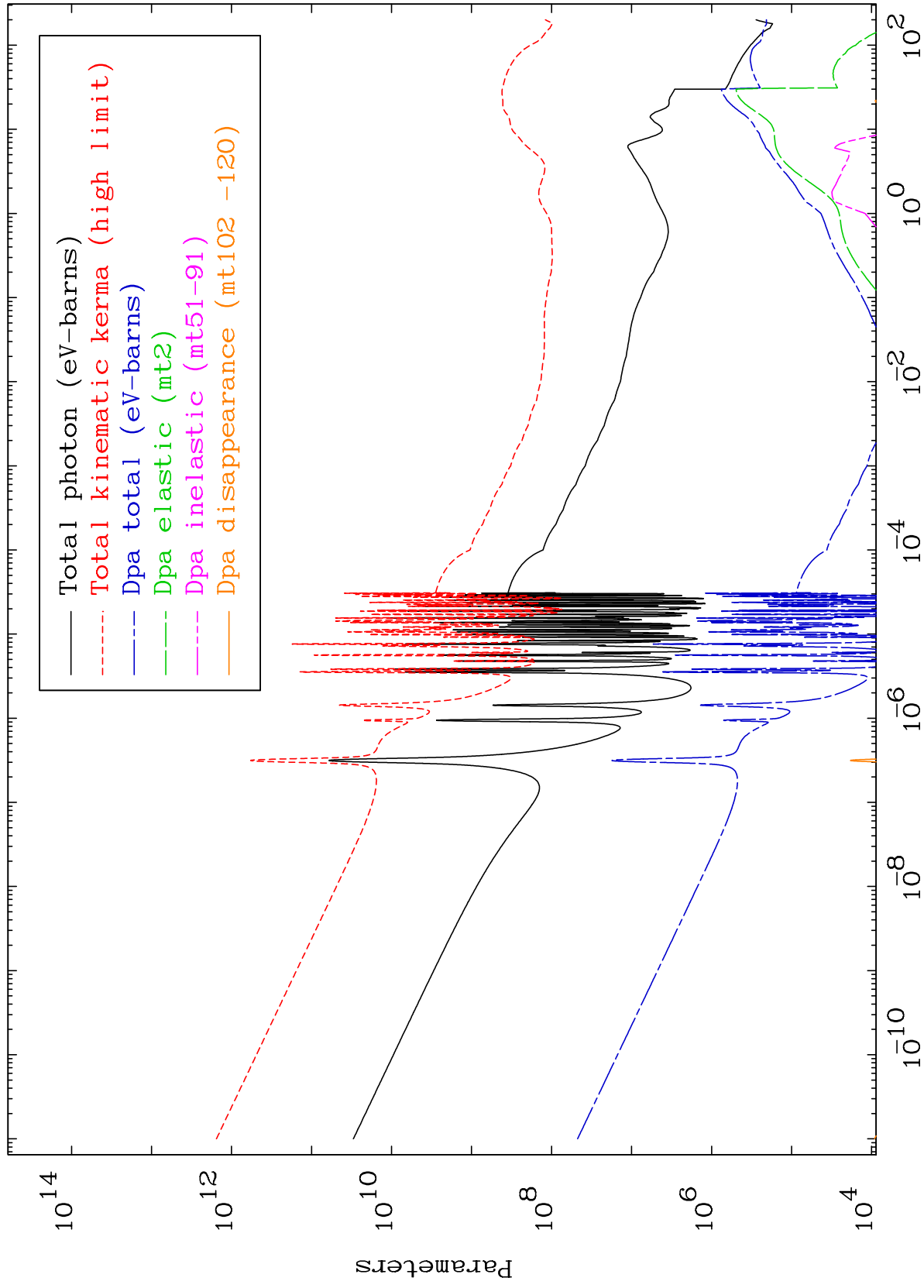
100-Fm-247



— (n,α)



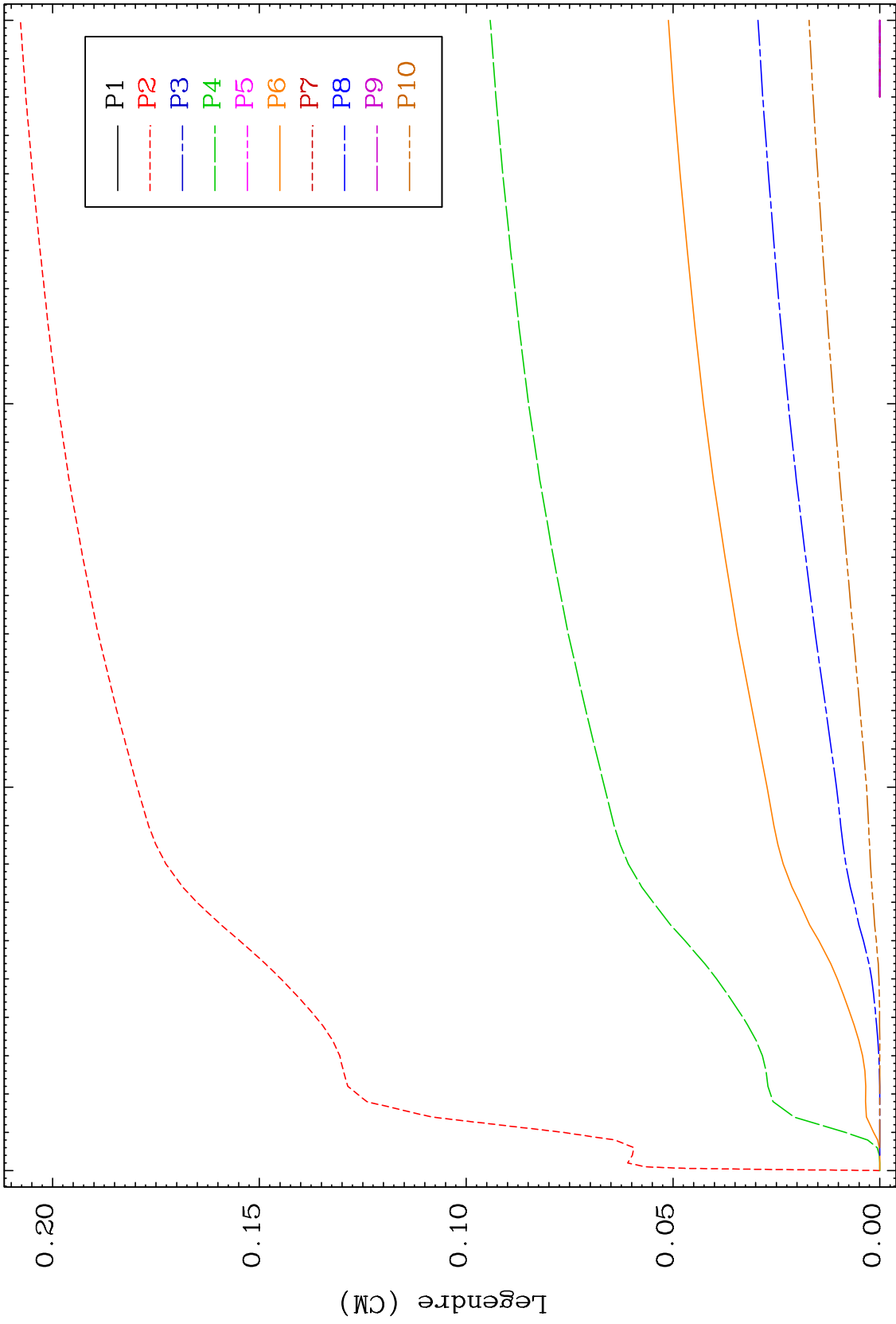




MAT 9933

Elastic Legendre Coefficients

100-Fm-247



18

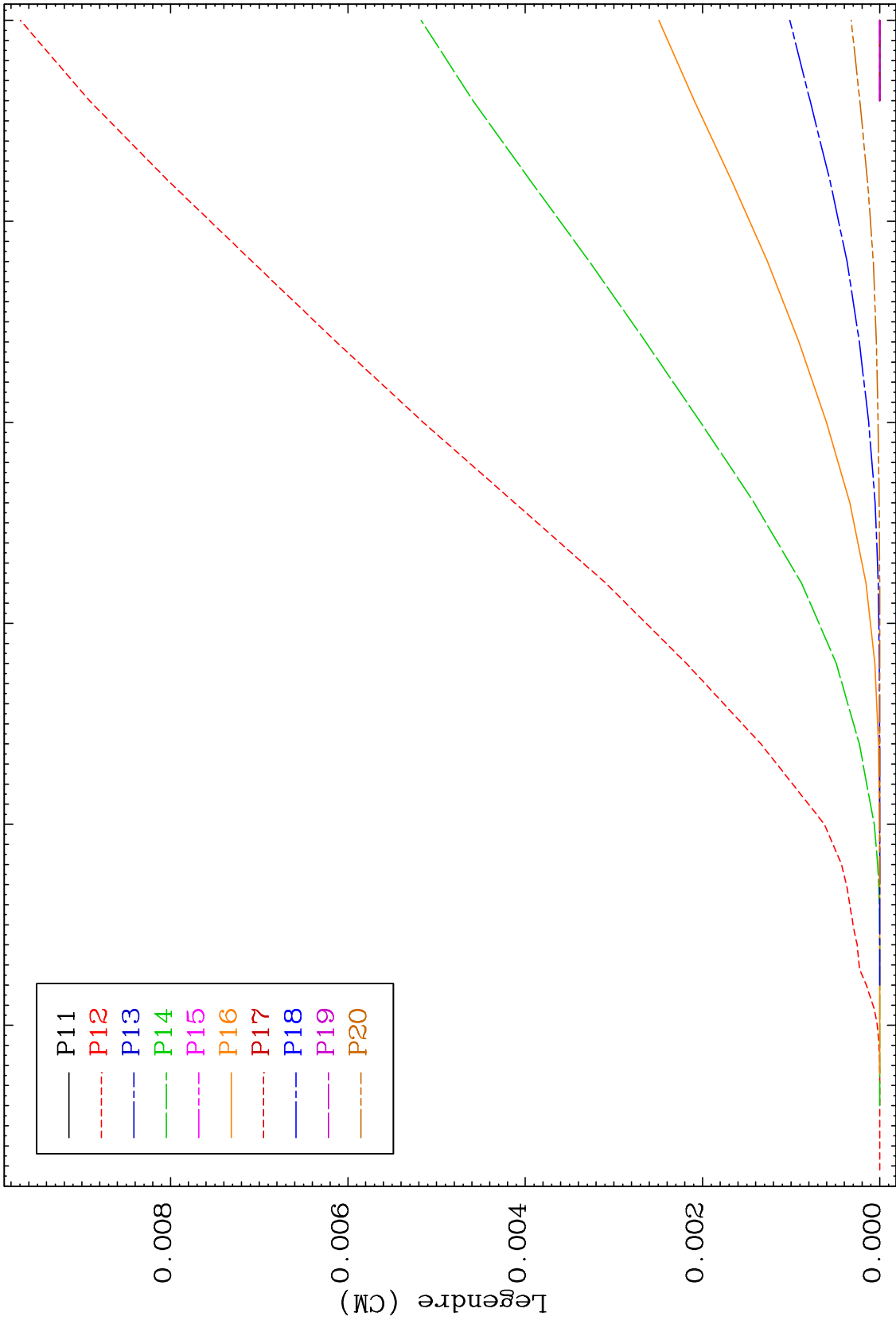
Incident Energy (MeV)

100-Fm-247

MAT 9933

Elastic Legendre Coefficients

100-Fm-247



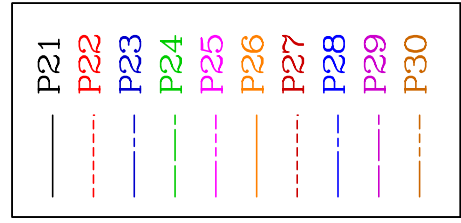
19

100-Fm-247

MAT 9933

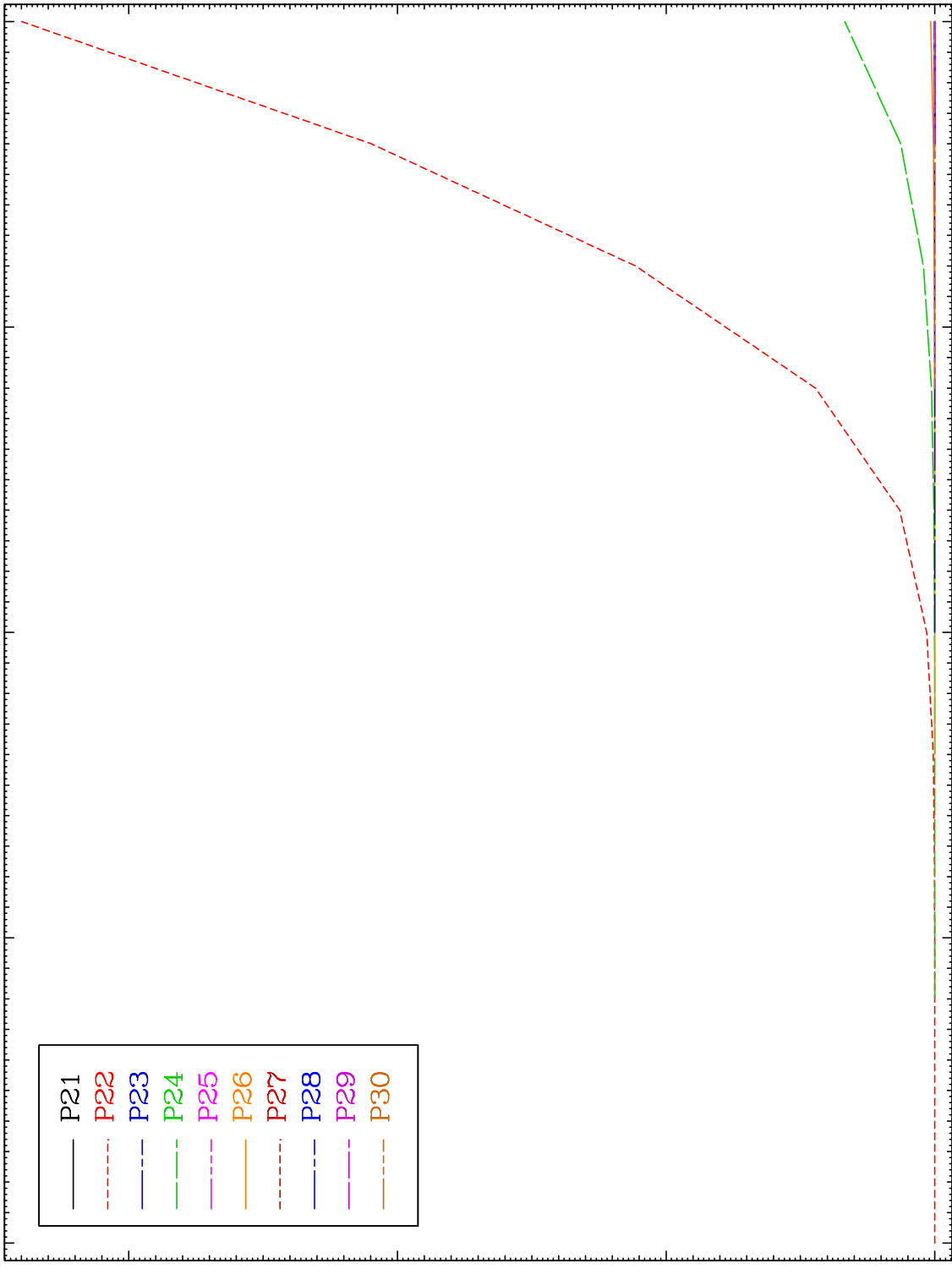
Elastic Legendre Coefficients

100-Fm-247



$\times 10^{-5}$

Legendre (CM)



20

15

20

25

30

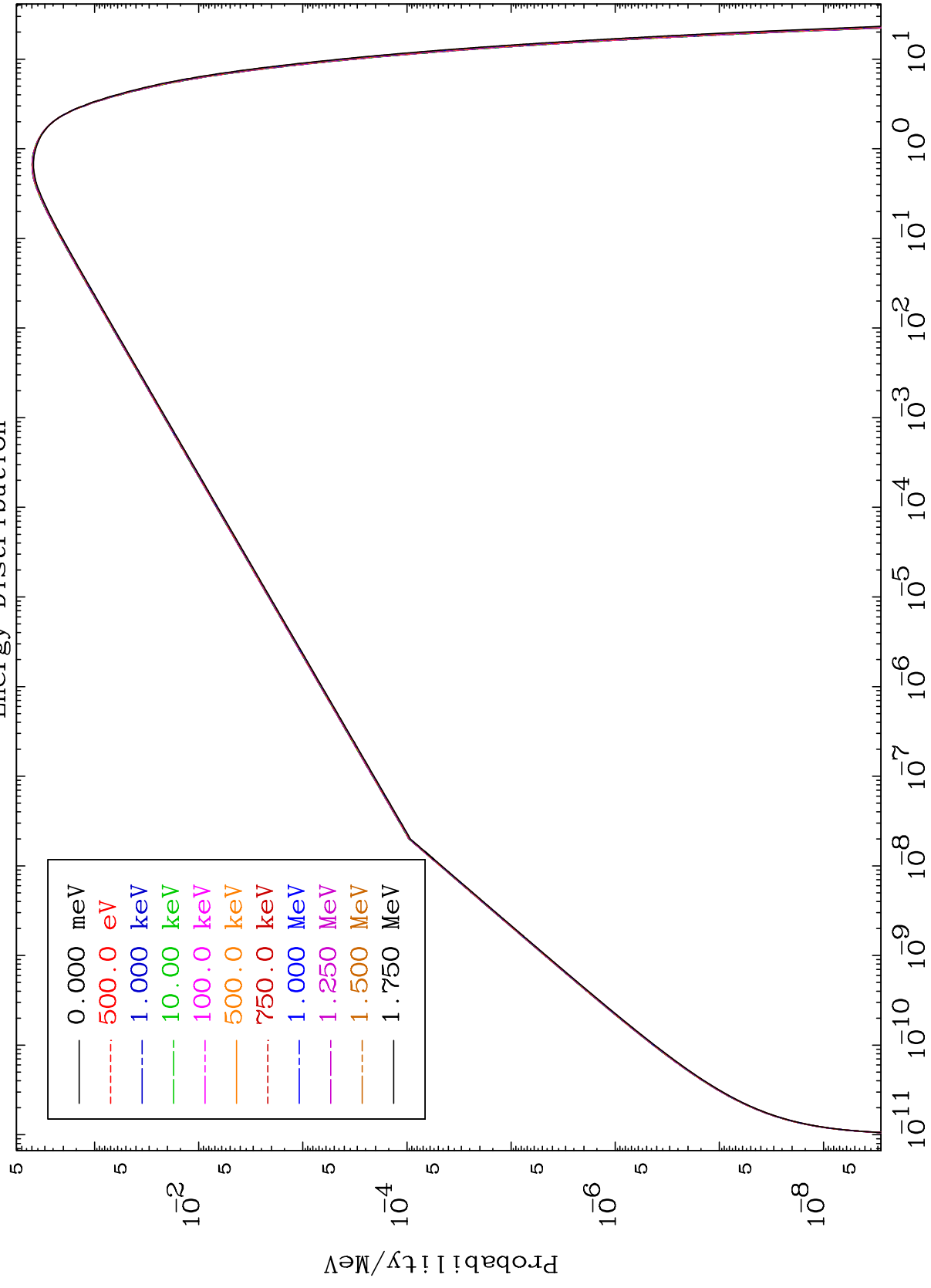
Incident Energy (MeV)

100-Fm-247

MAT 9933

### Fission Energy Distribution

100-Fm-247

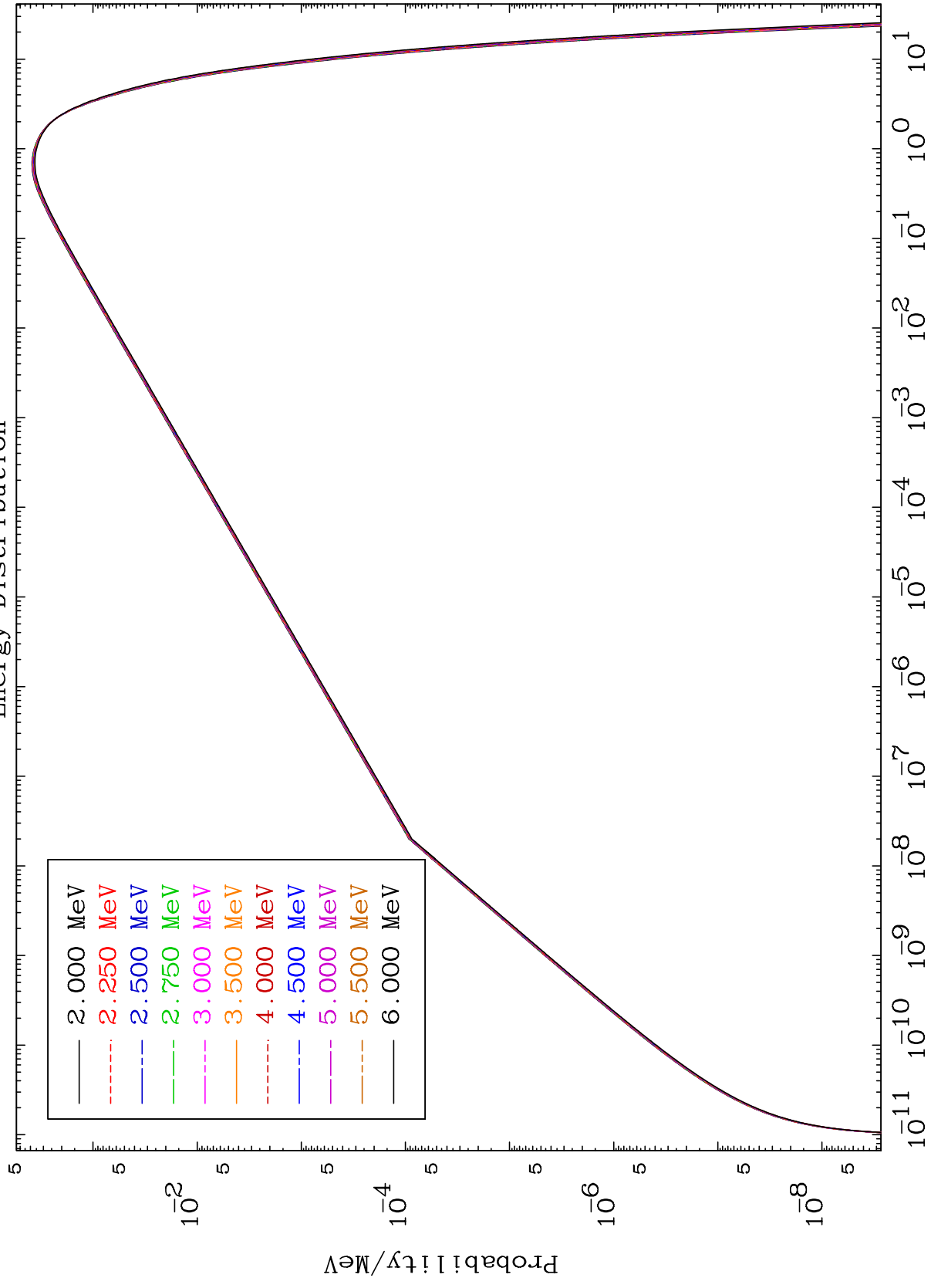


100-Fm-247

MAT 9933

### Fission Energy Distribution

100-Fm-247

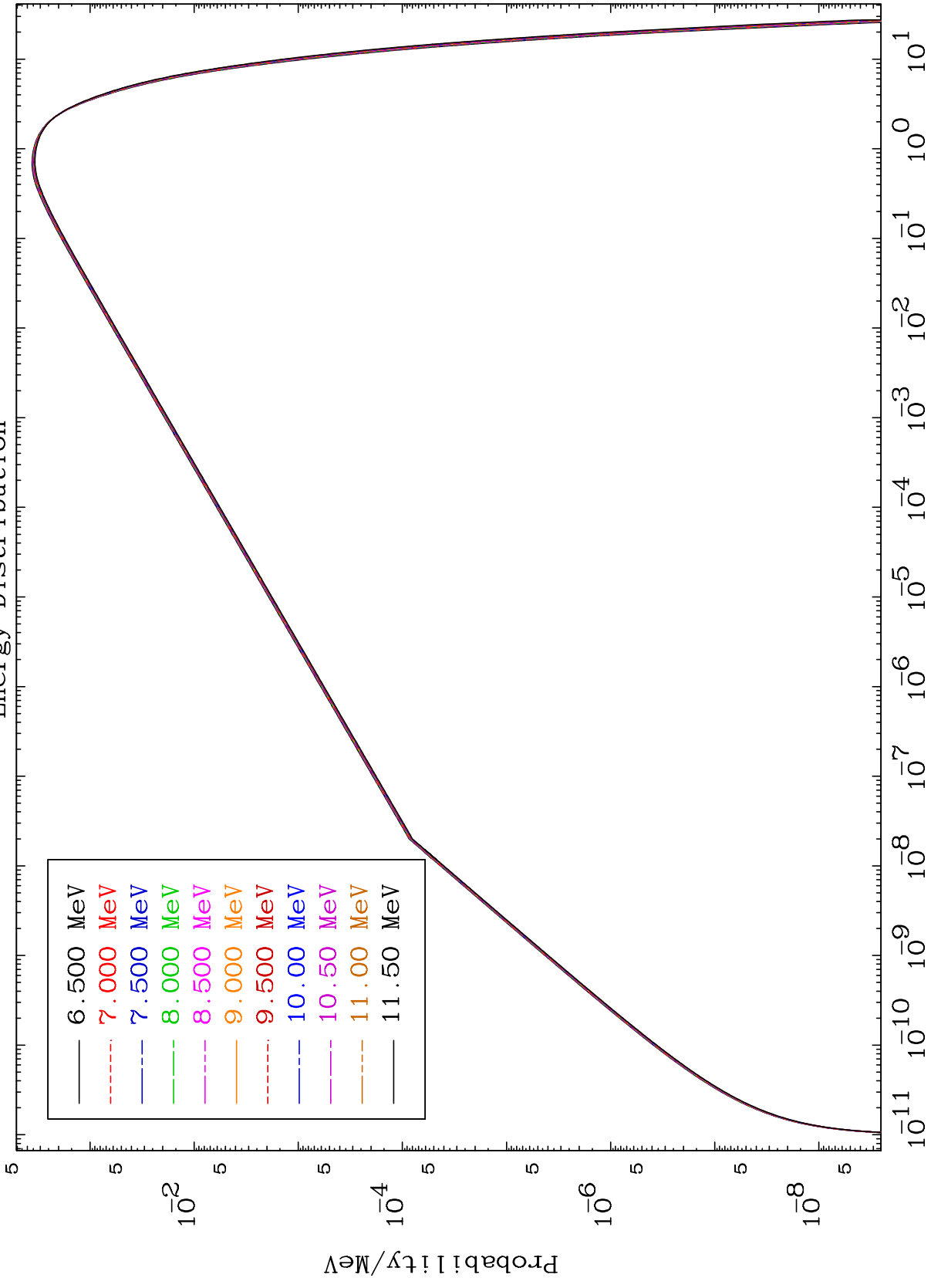


100-Fm-247

MAT 9933

### Fission Energy Distribution

100-Fm-247

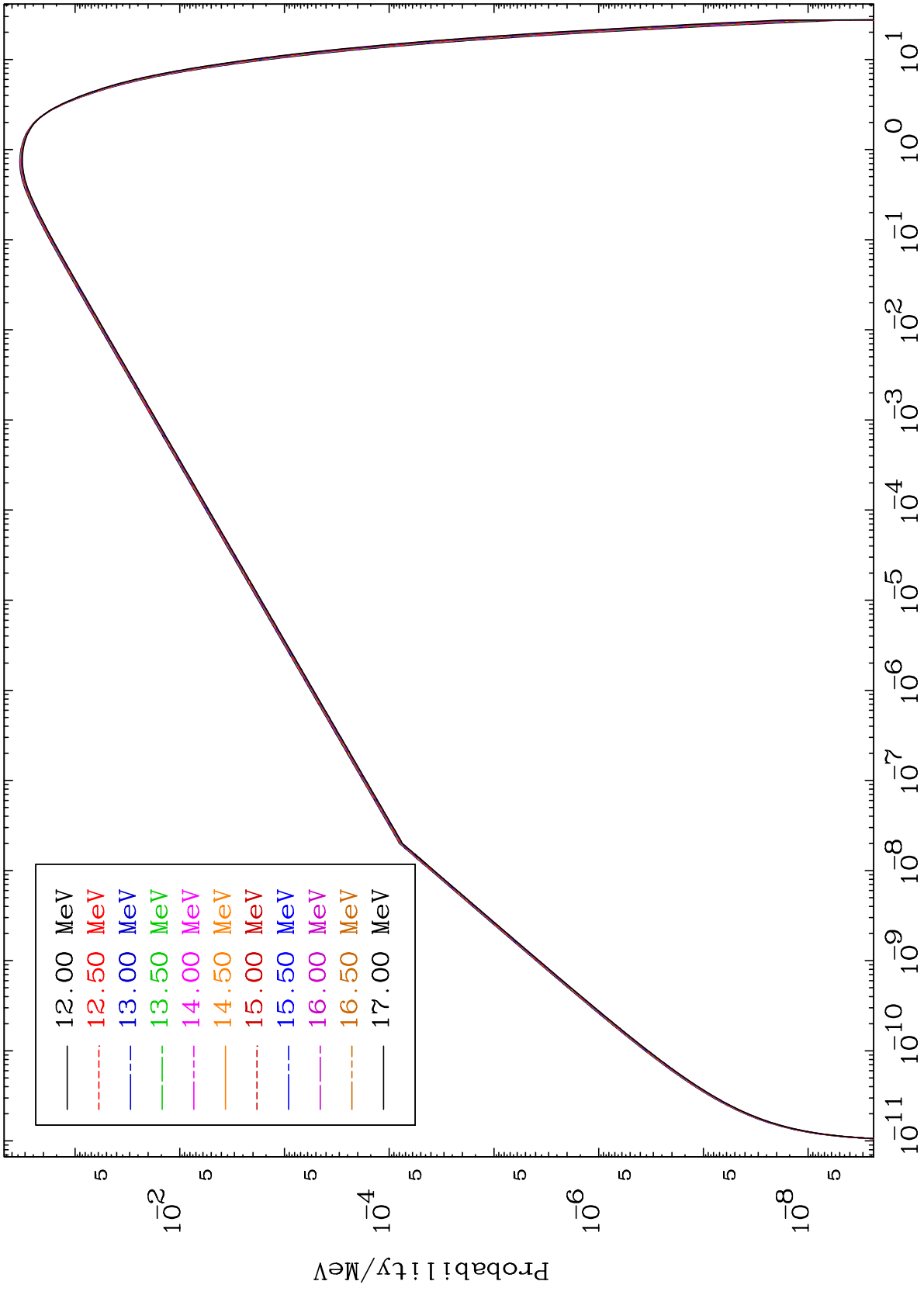




MAT 9933

### Fission Energy Distribution

100-Fm-247

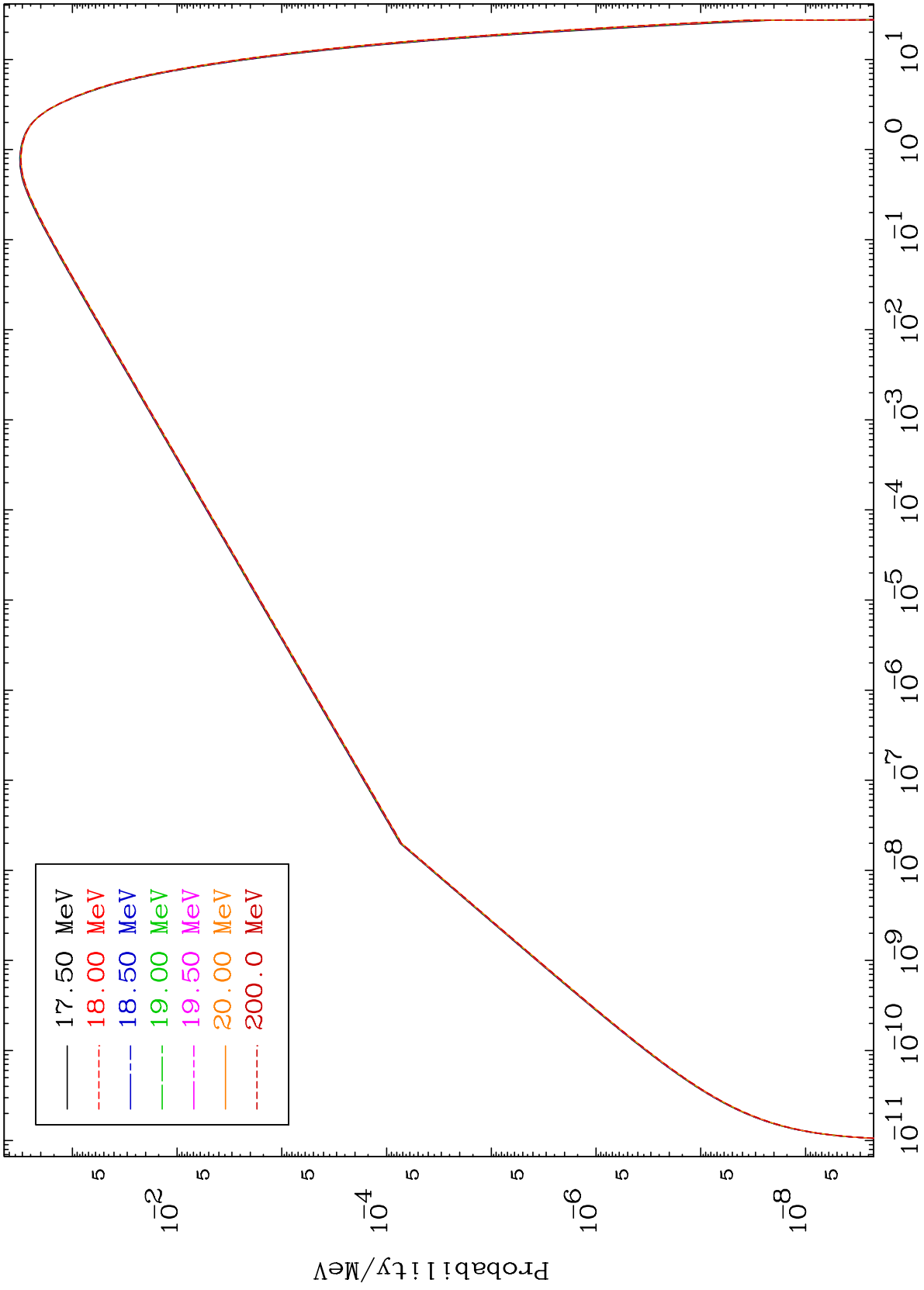


100-Fm-247

MAT 9933

# Fission Energy Distribution

100-Fm-247



100-Fm-247

MAT 9933

100-Fm-247

### Inelastic Radionuclide Production Cross Section

