

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

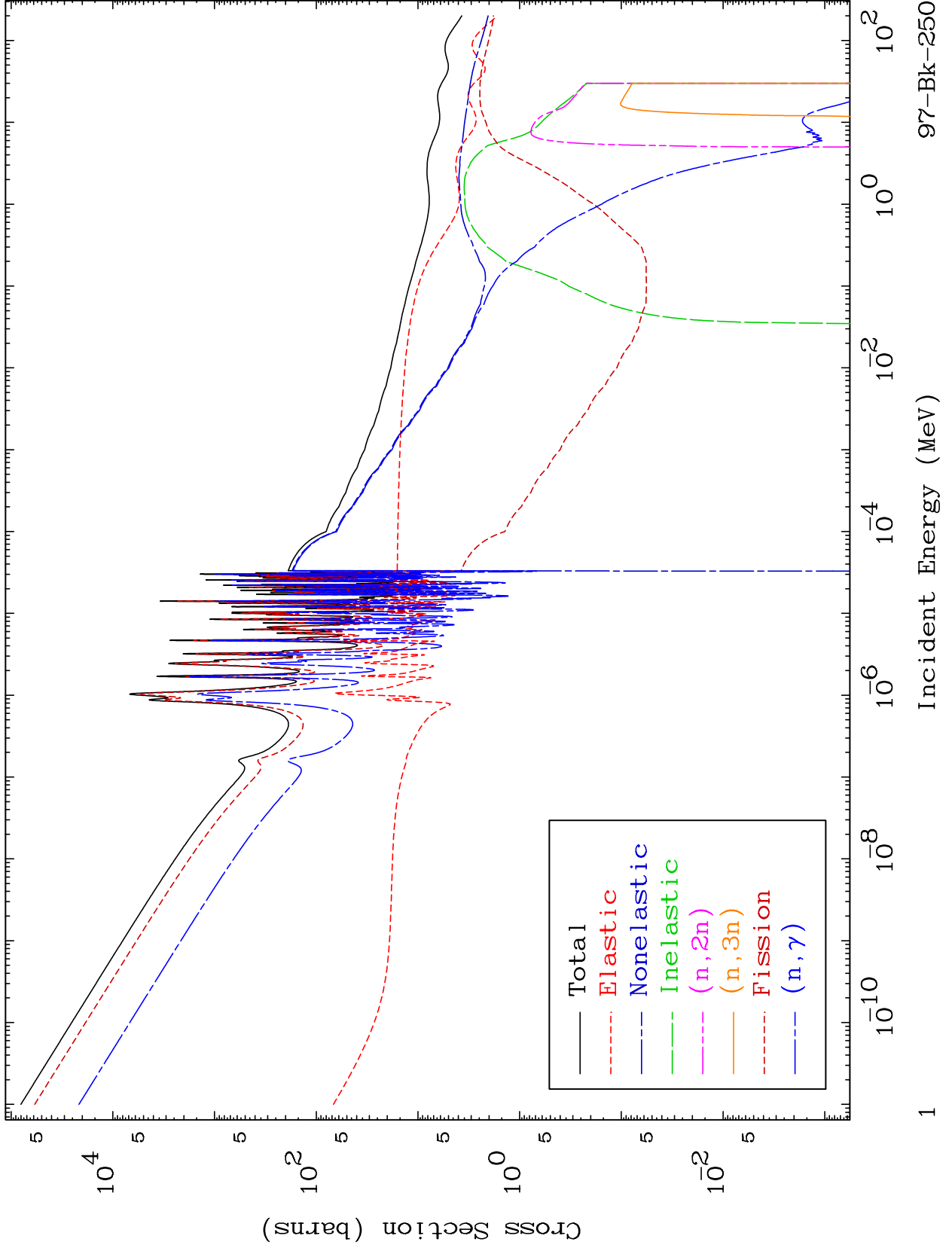
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9755

Neutron Major  
293 Kelvin Cross Sections

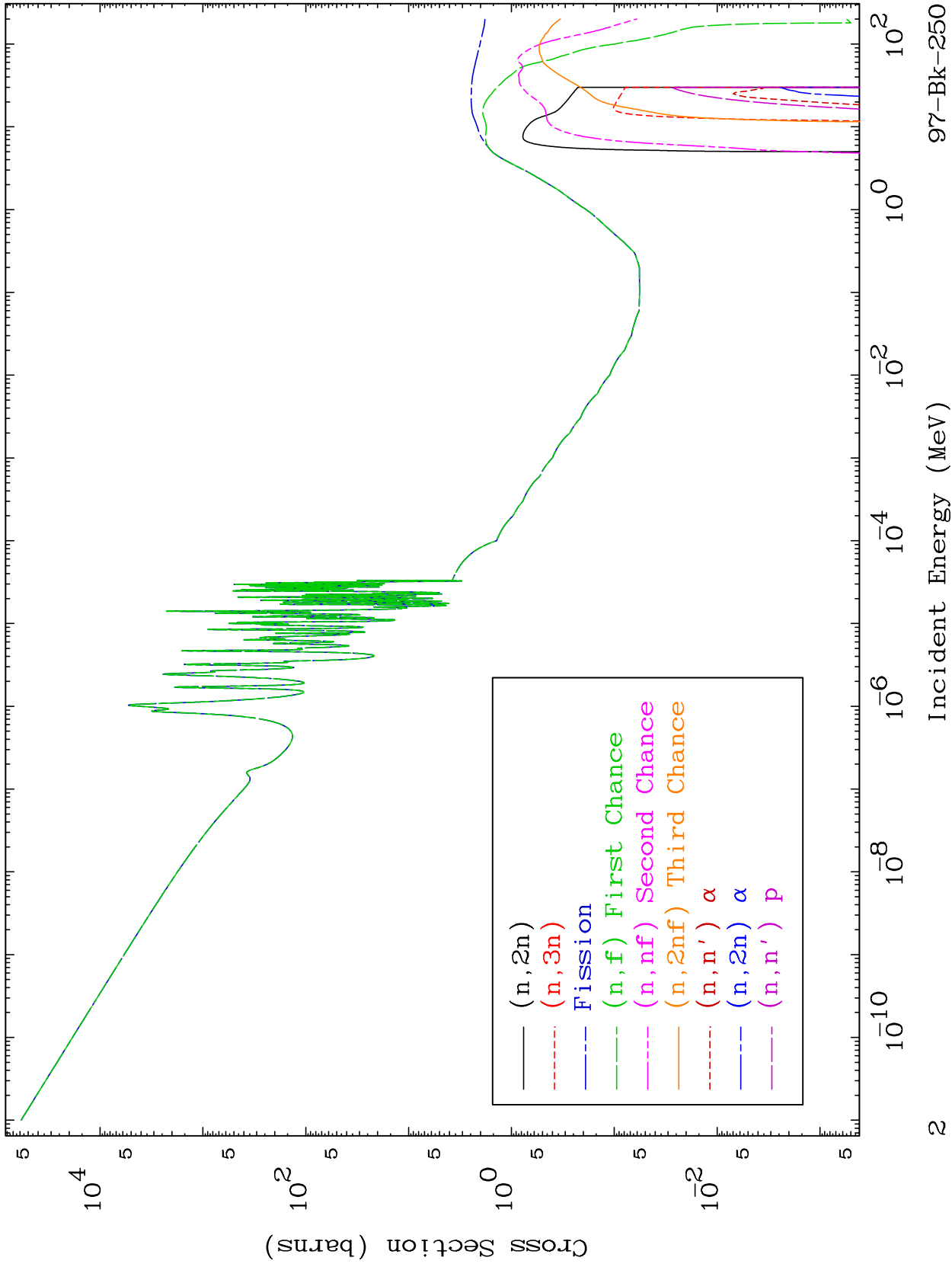
97-Bk-250



MAT 9755

Neutron Absorption  
293 Kelvin Cross Sections

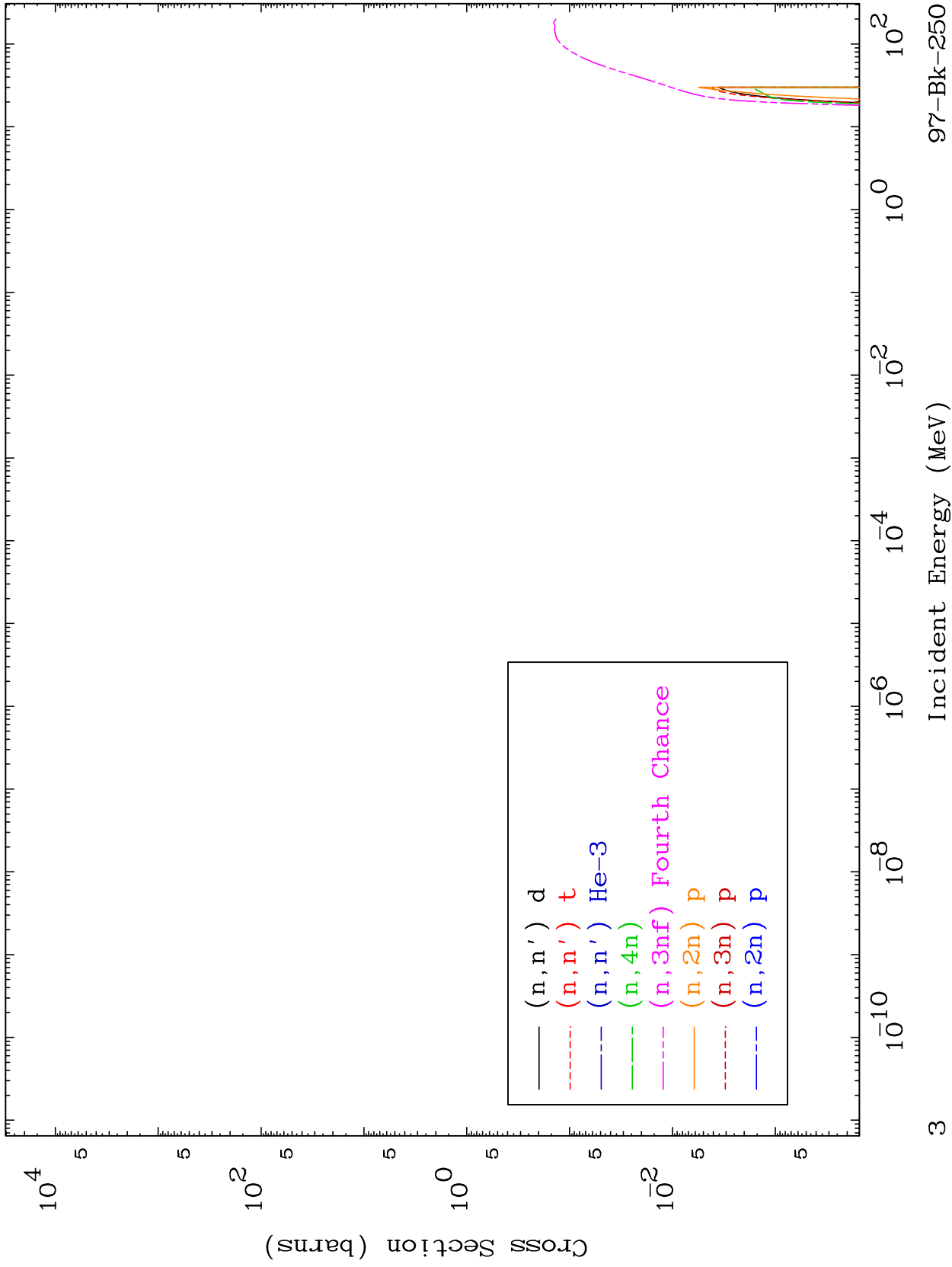
97-Bk-250



MAT 9755

Neutron Absorption  
293 Kelvin Cross Sections

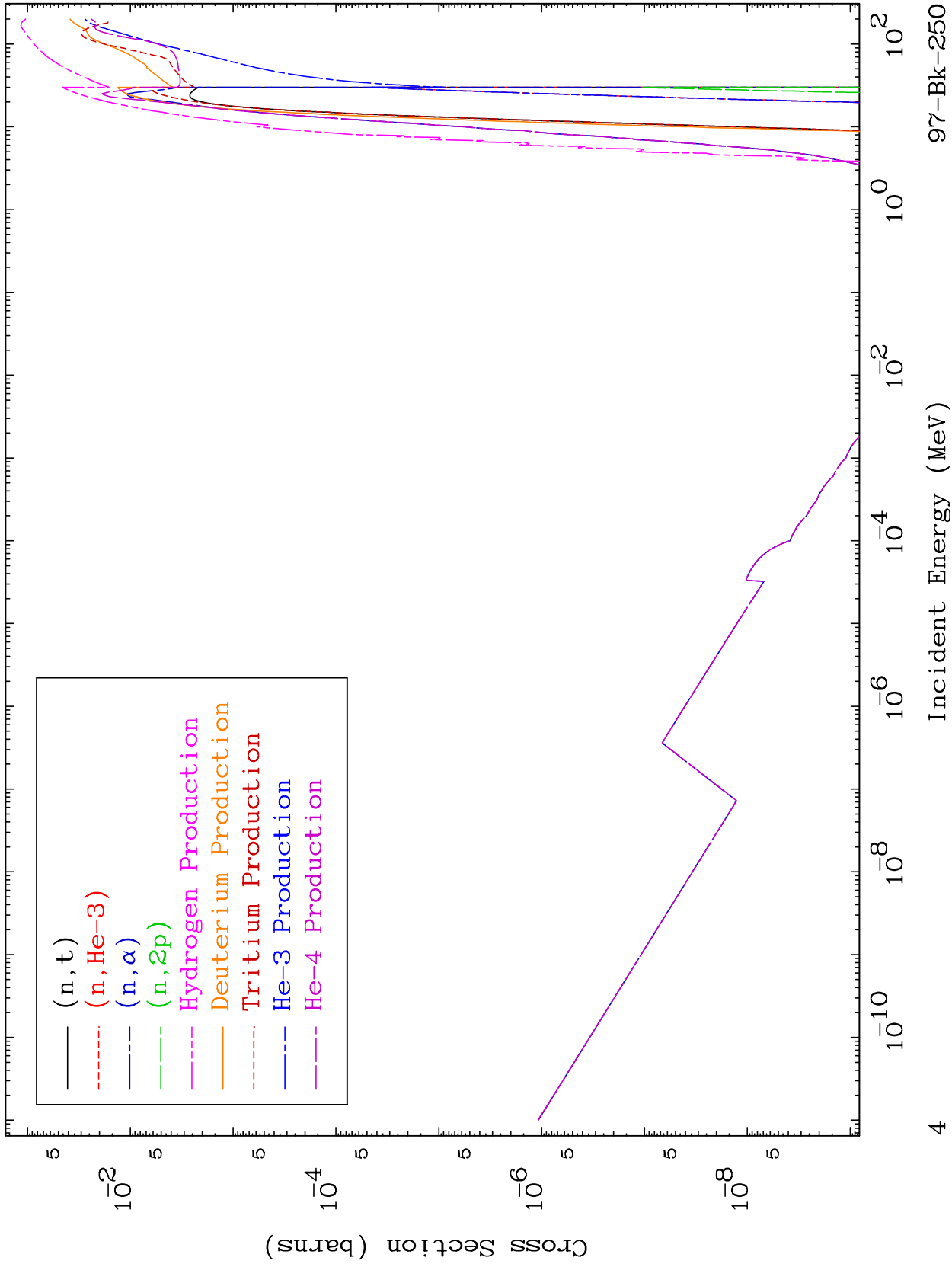
97-Bk-250



MAT 9755

Neutron Absorption  
293 Kelvin Cross Sections

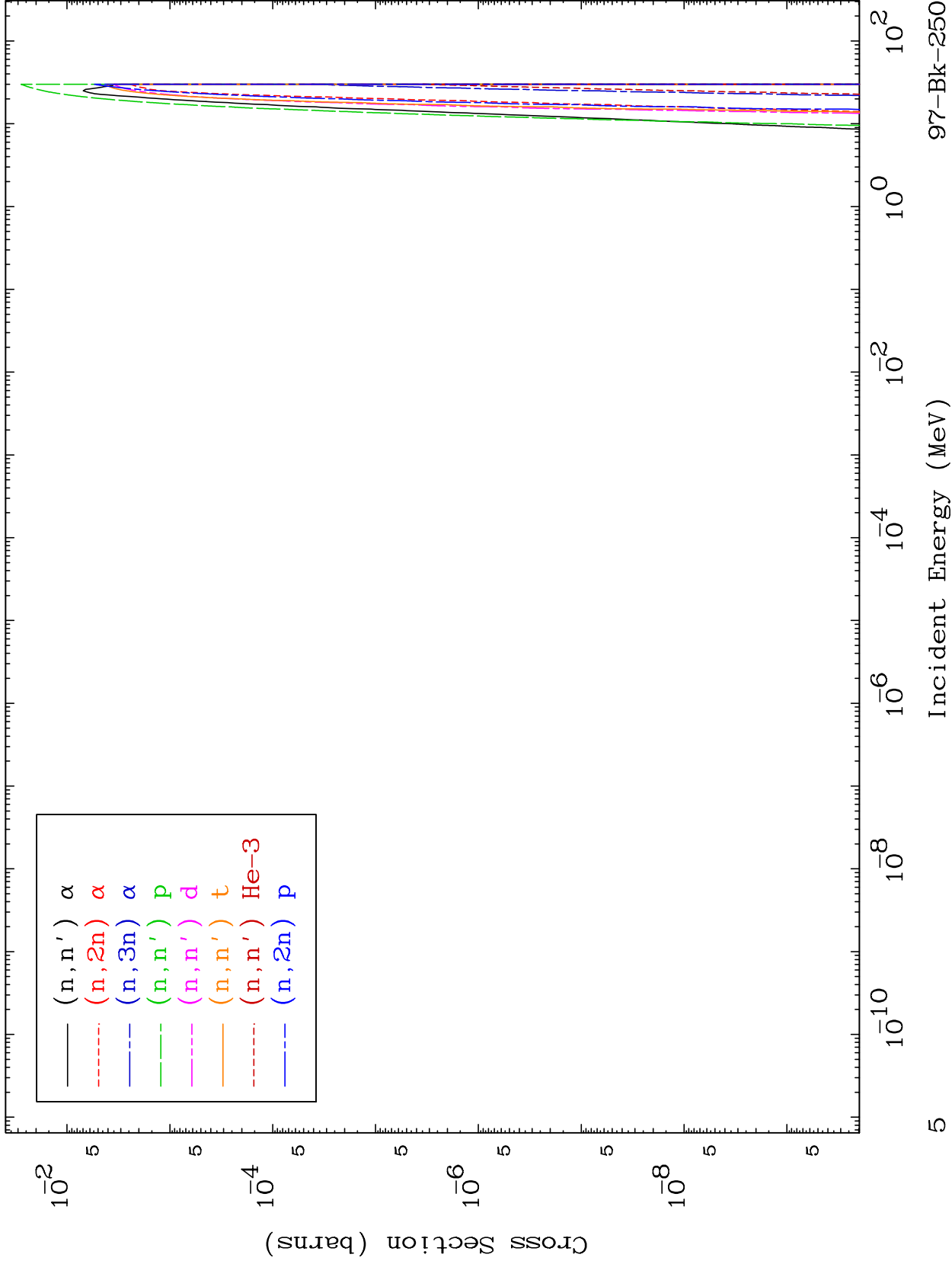
97-Bk-250



MAT 9755

Charged Particle  
293 Kelvin Cross Sections

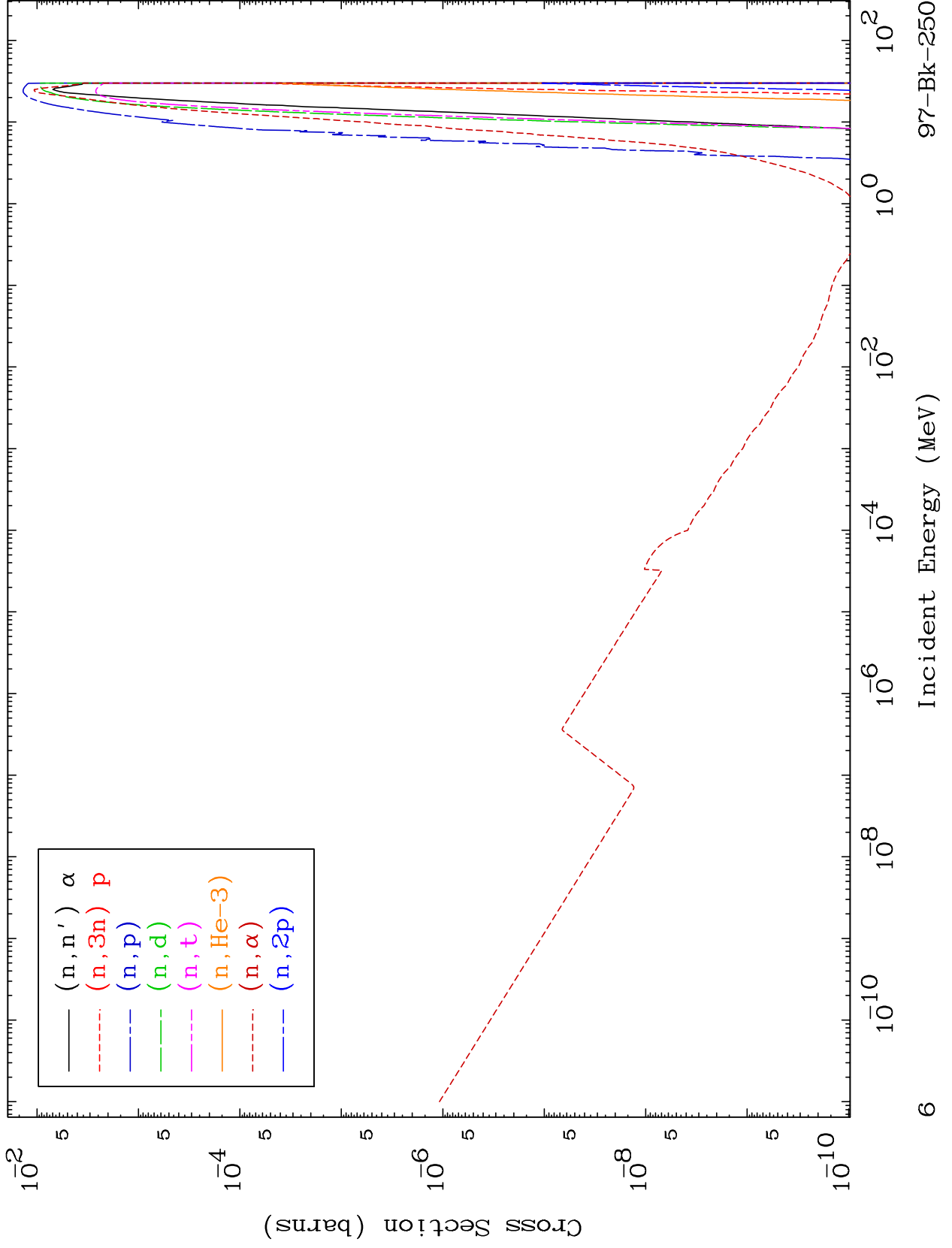
97-Bk-250



MAT 9755

Charged Particle  
293 Kelvin Cross Sections

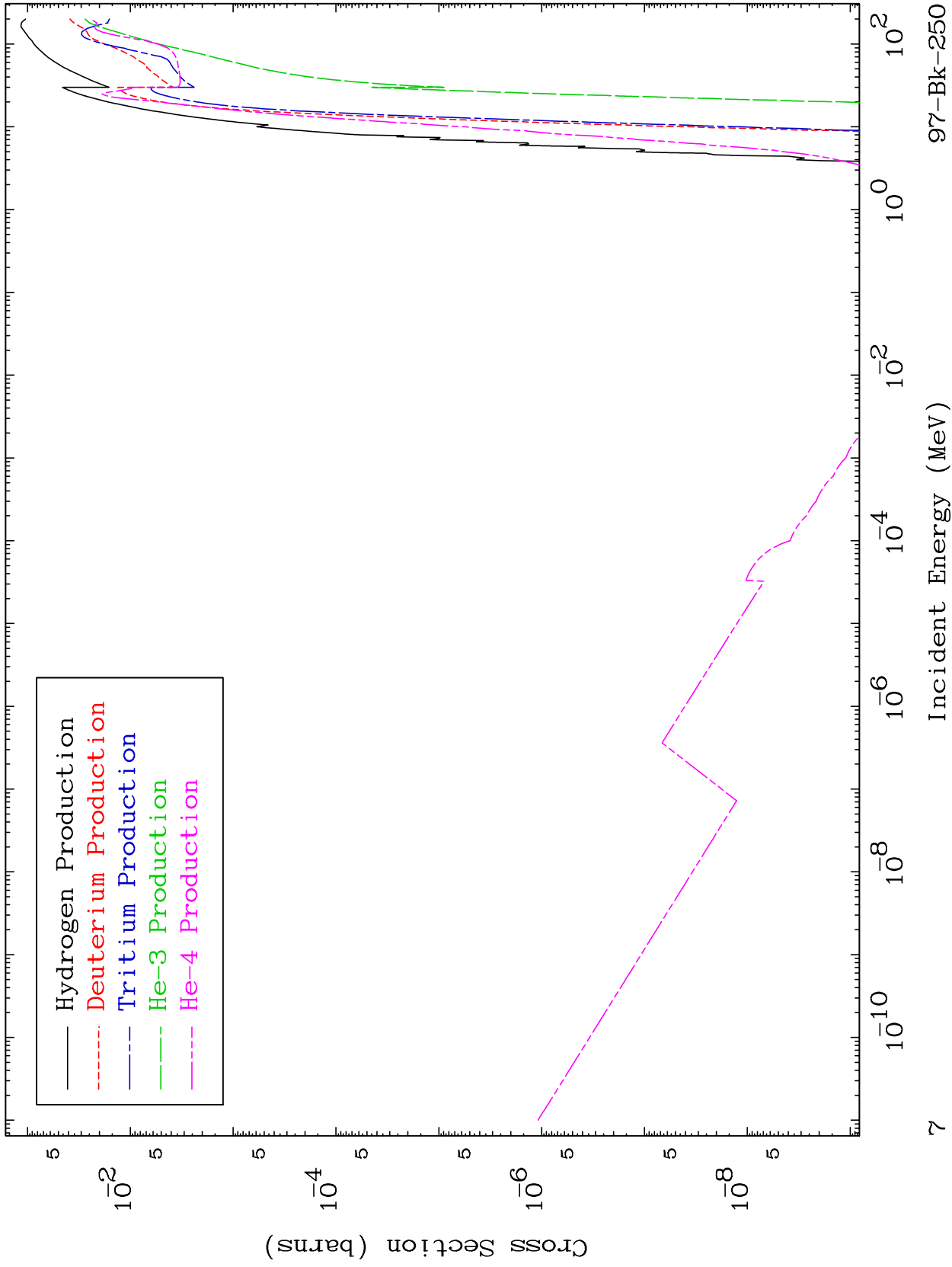
97-Bk-250



MAT 9755

Particle Production  
293 Kelvin Cross Sections

97-Bk-250

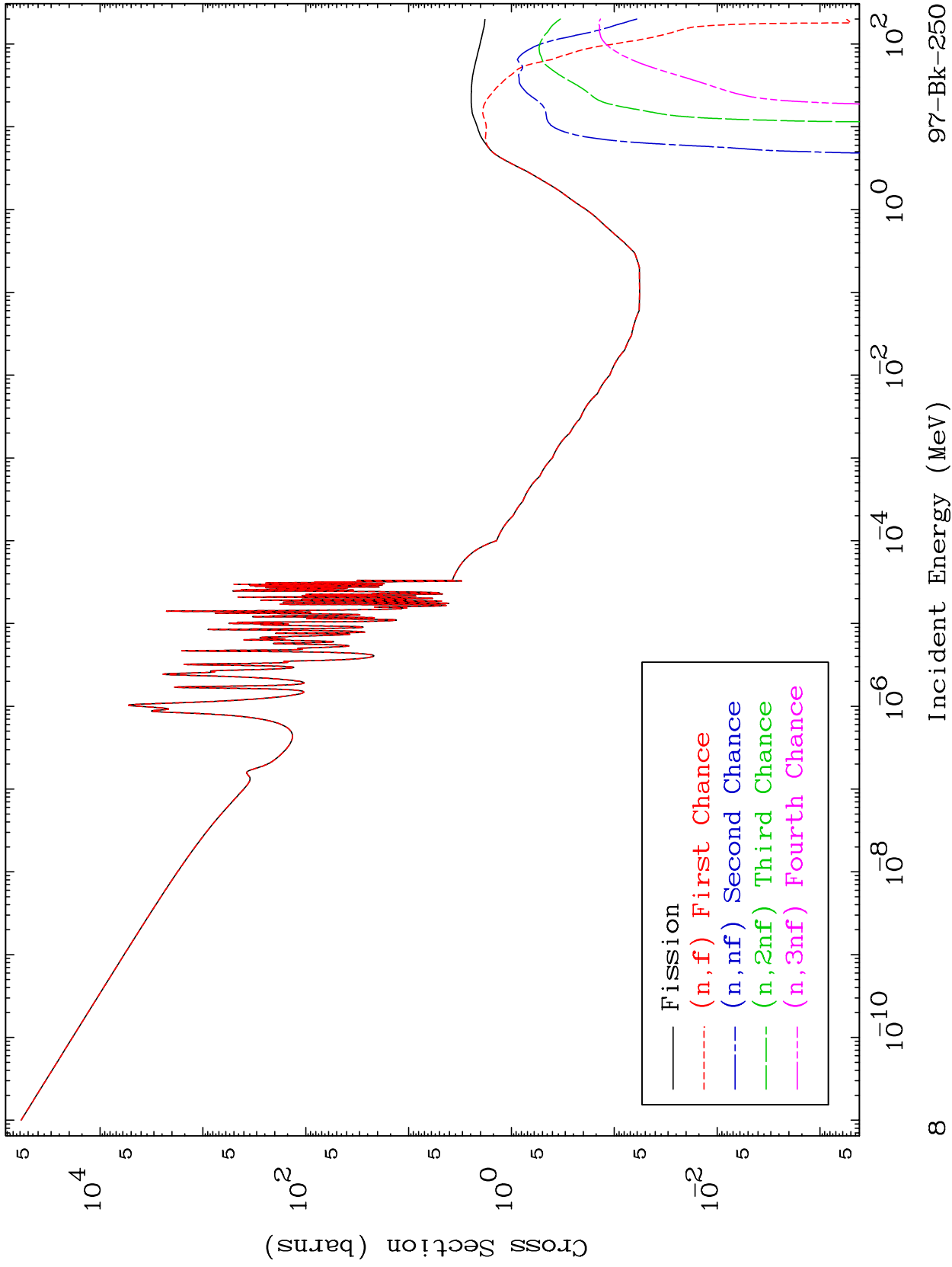




MAT 9755

Fission  
293 Kelvin Cross Sections

97-Bk-250

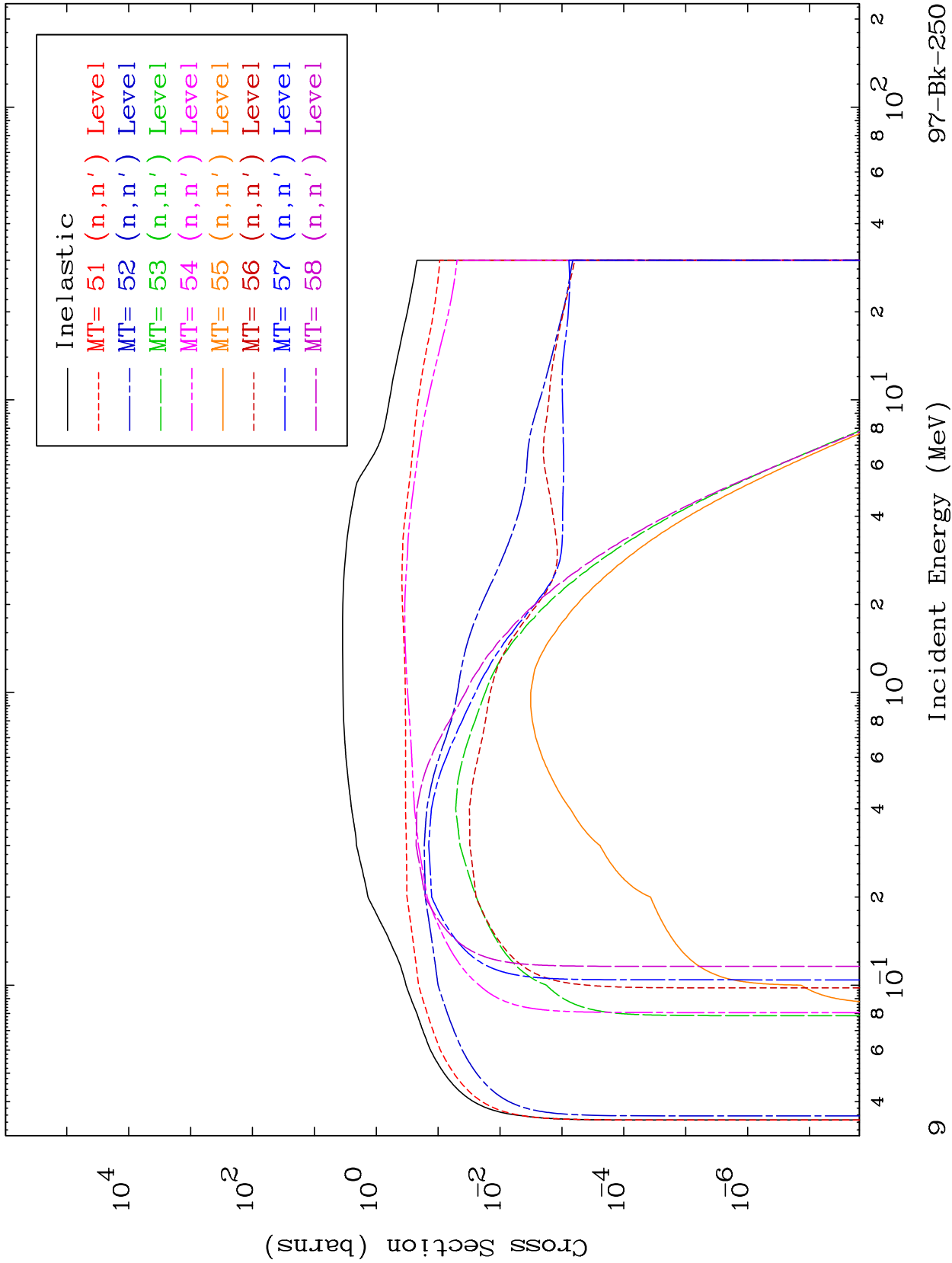


MAT 9755

(n,n') Levels

293 Kelvin Cross Sections

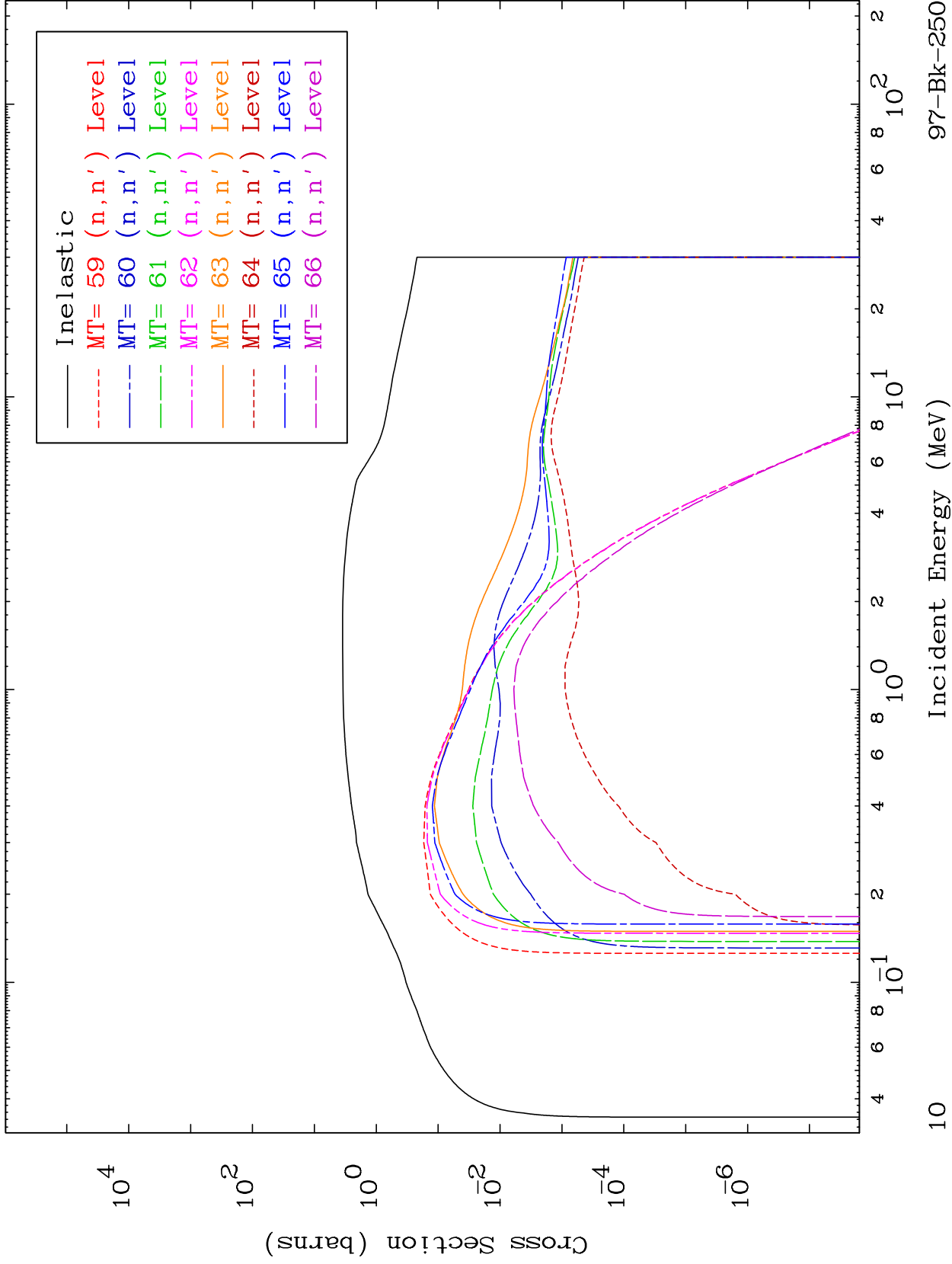
97-Bk-250



MAT 9755

(n,n') Levels  
293 Kelvin Cross Sections

97-Bk-250



10

Incident Energy (MeV)

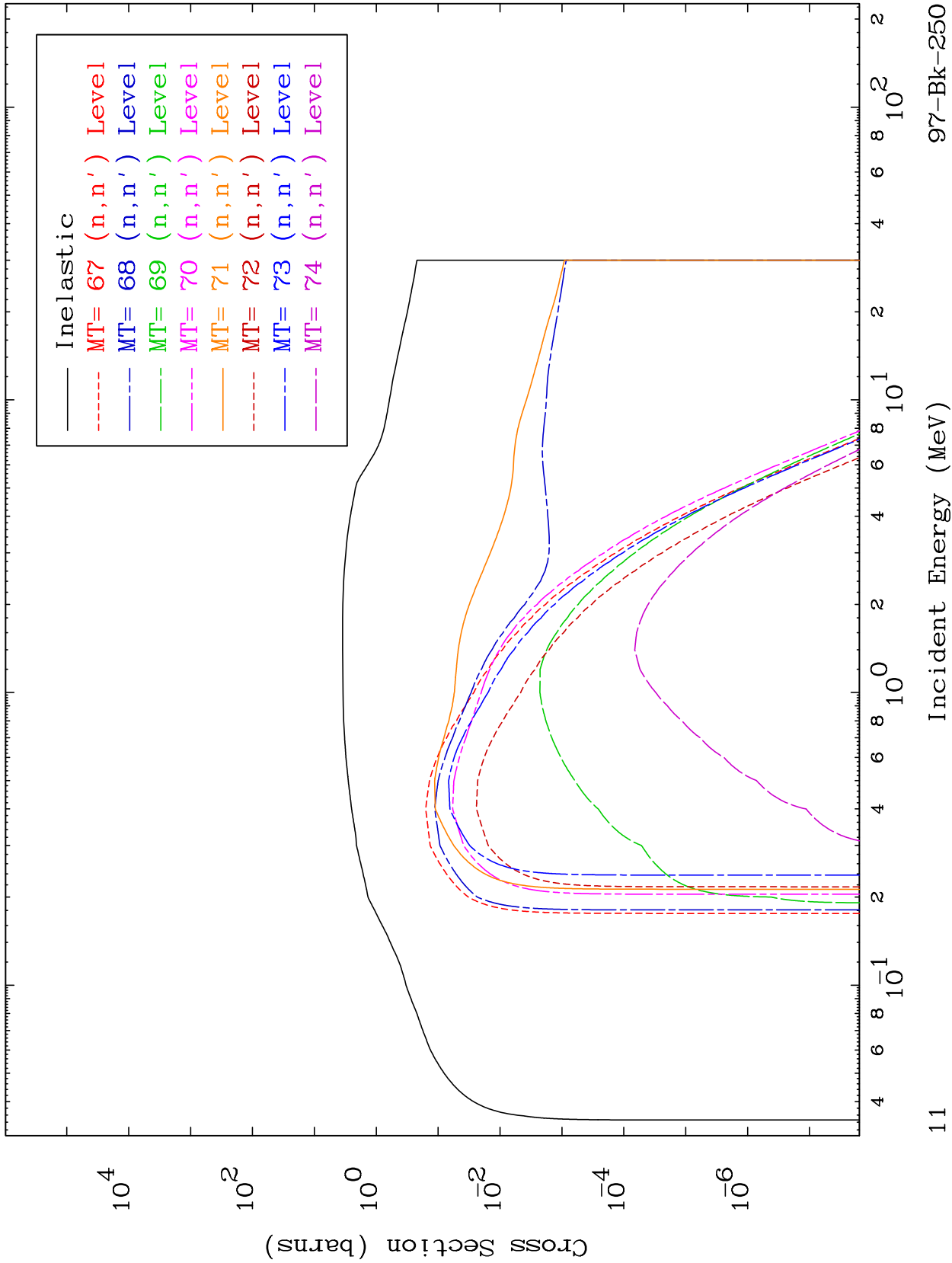
97-Bk-250

MAT 9755

(n,n') Levels

97-Bk-250

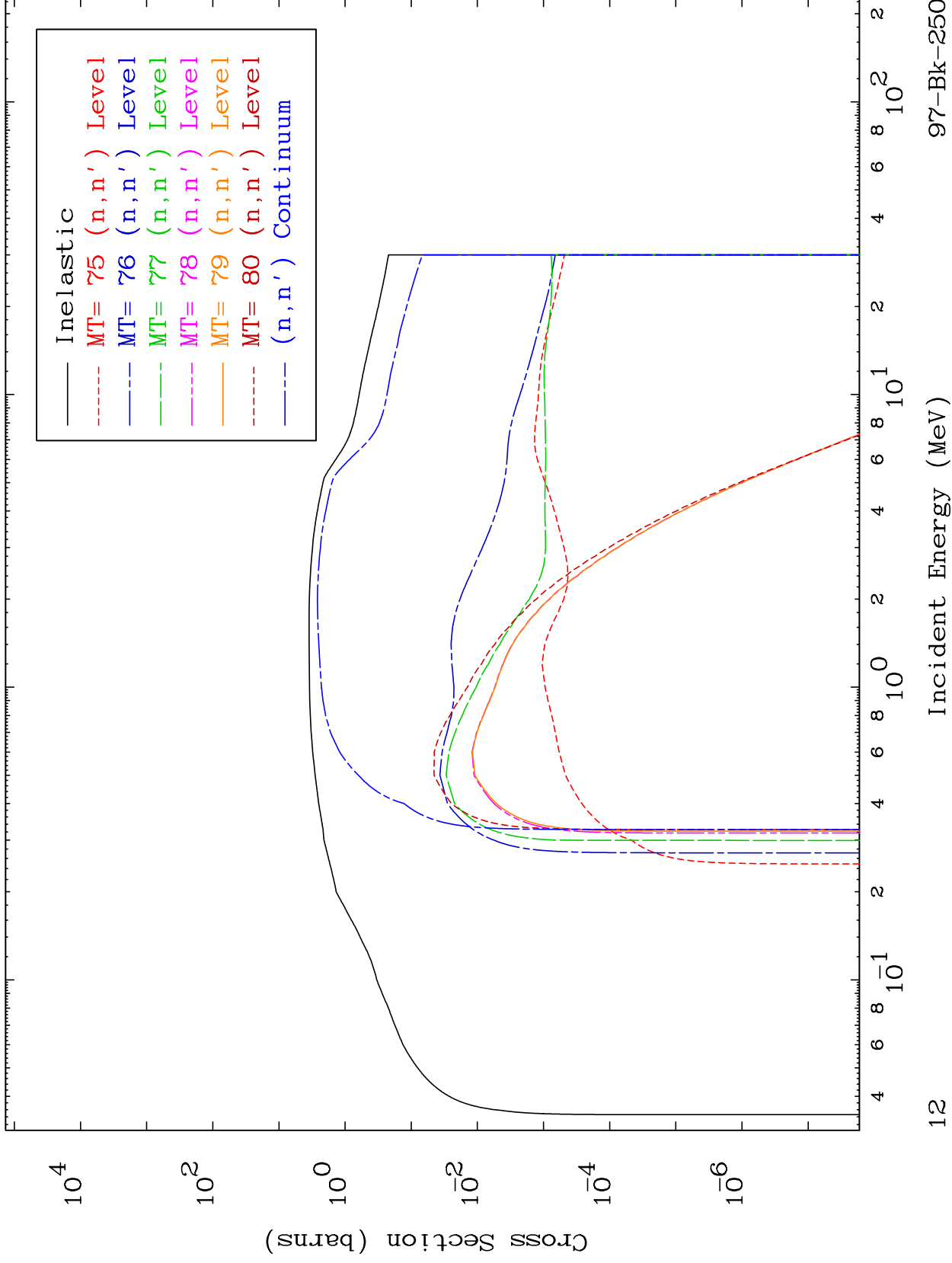
293 Kelvin Cross Sections



MAT 9755

(n,n') Levels  
293 Kelvin Cross Sections

97-Bk-250



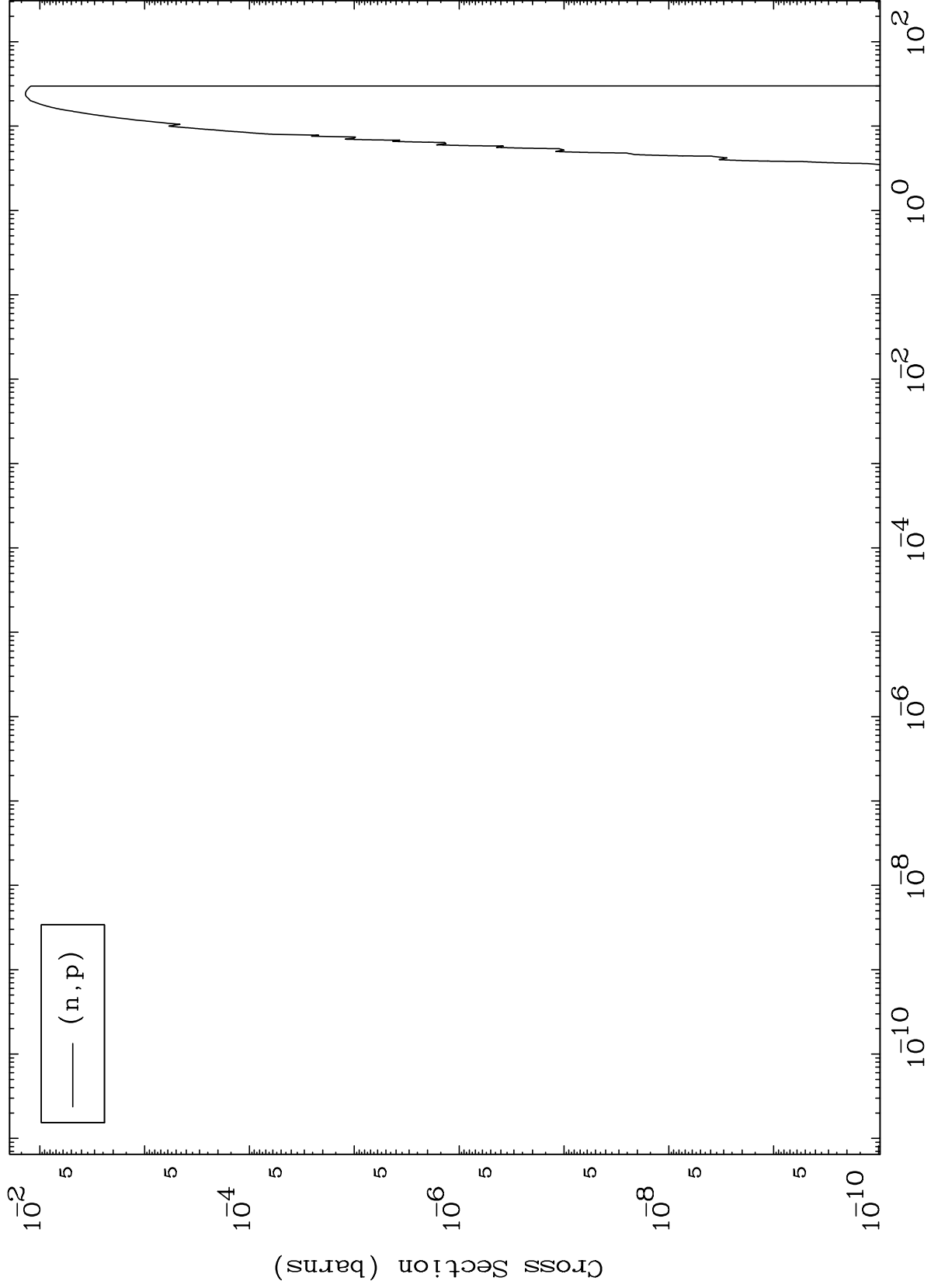
12

97-Bk-250

MAT 9755

(n,p) Levels  
293 Kelvin Cross Sections

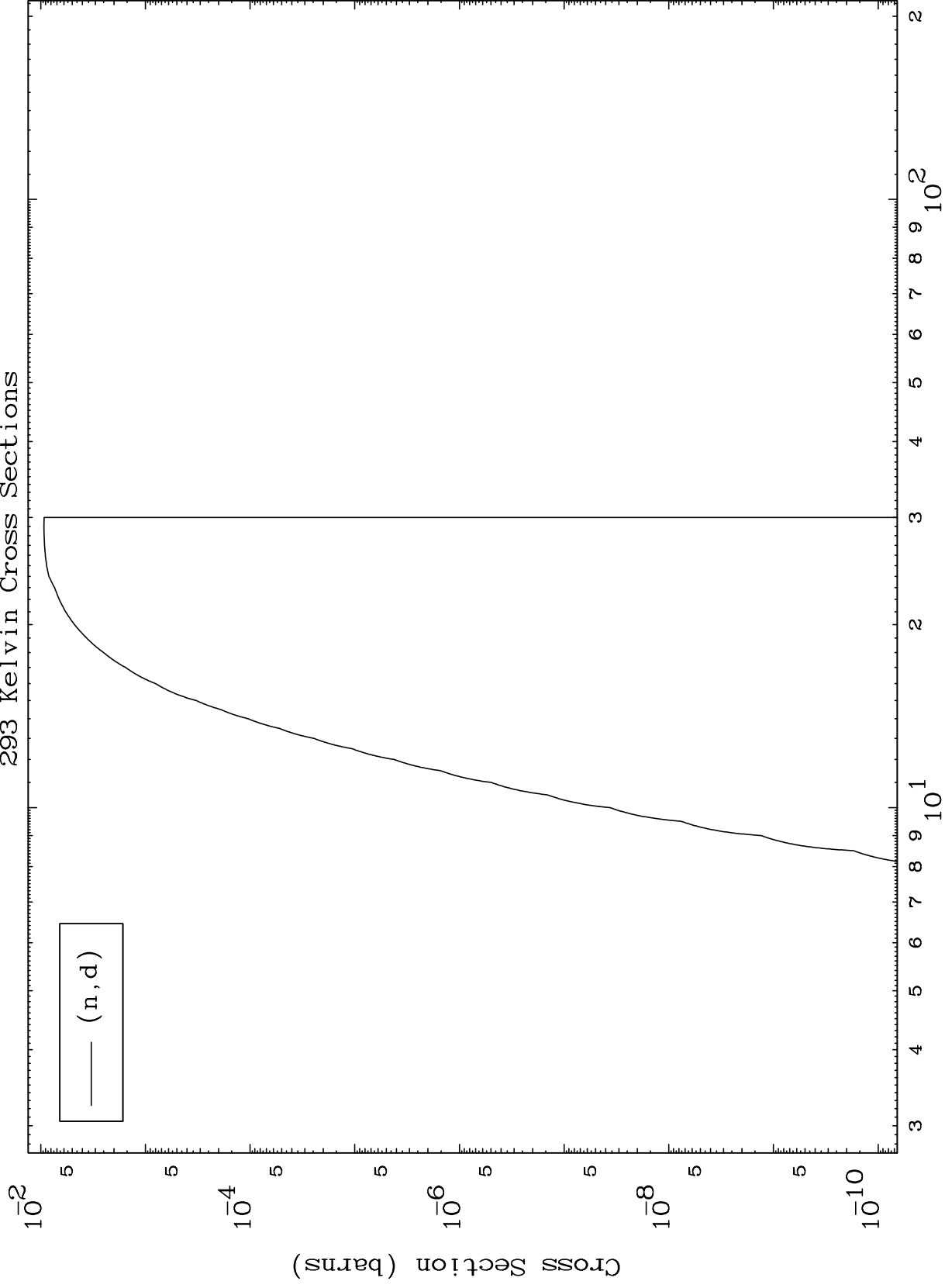
97-Bk-250



MAT 9755

(n,d) Levels  
293 Kelvin Cross Sections

97-Bk-250



14

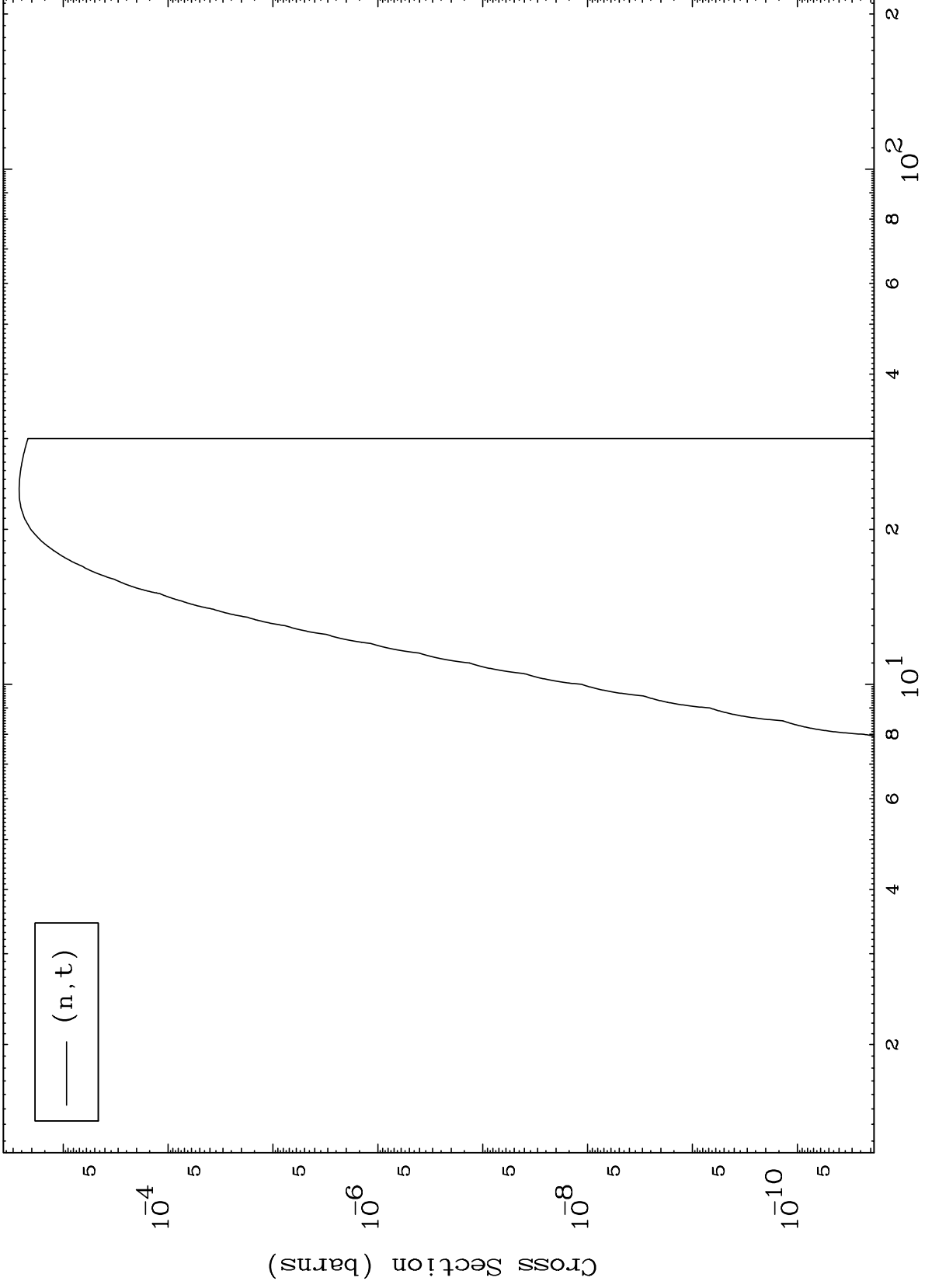
Incident Energy (MeV)

97-Bk-250

MAT 9755

(n,t) Levels  
293 Kelvin Cross Sections

97-Bk-250



15

Incident Energy (MeV)

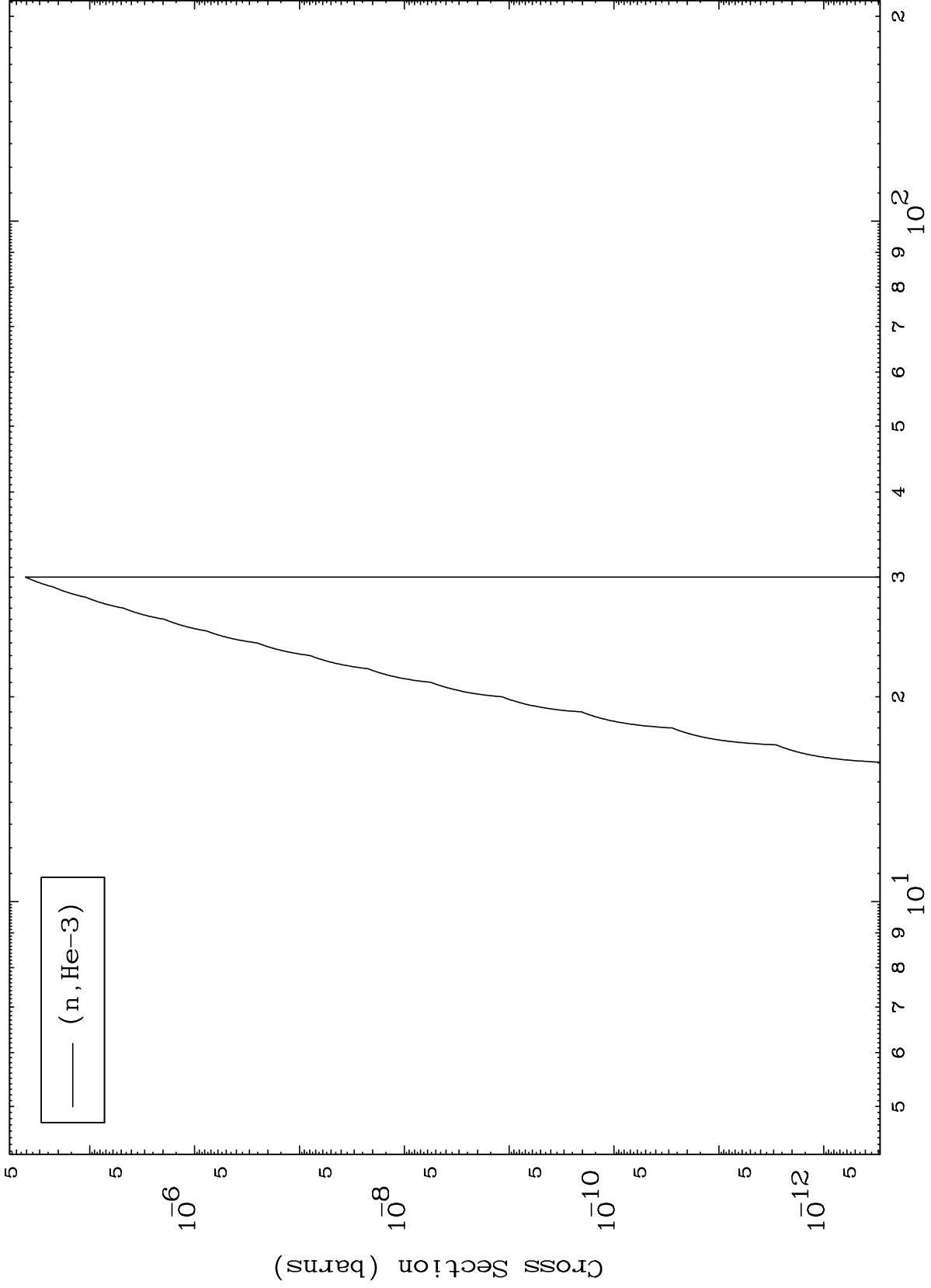
97-Bk-250



MAT 9755

(n,He3) Levels  
293 Kelvin Cross Sections

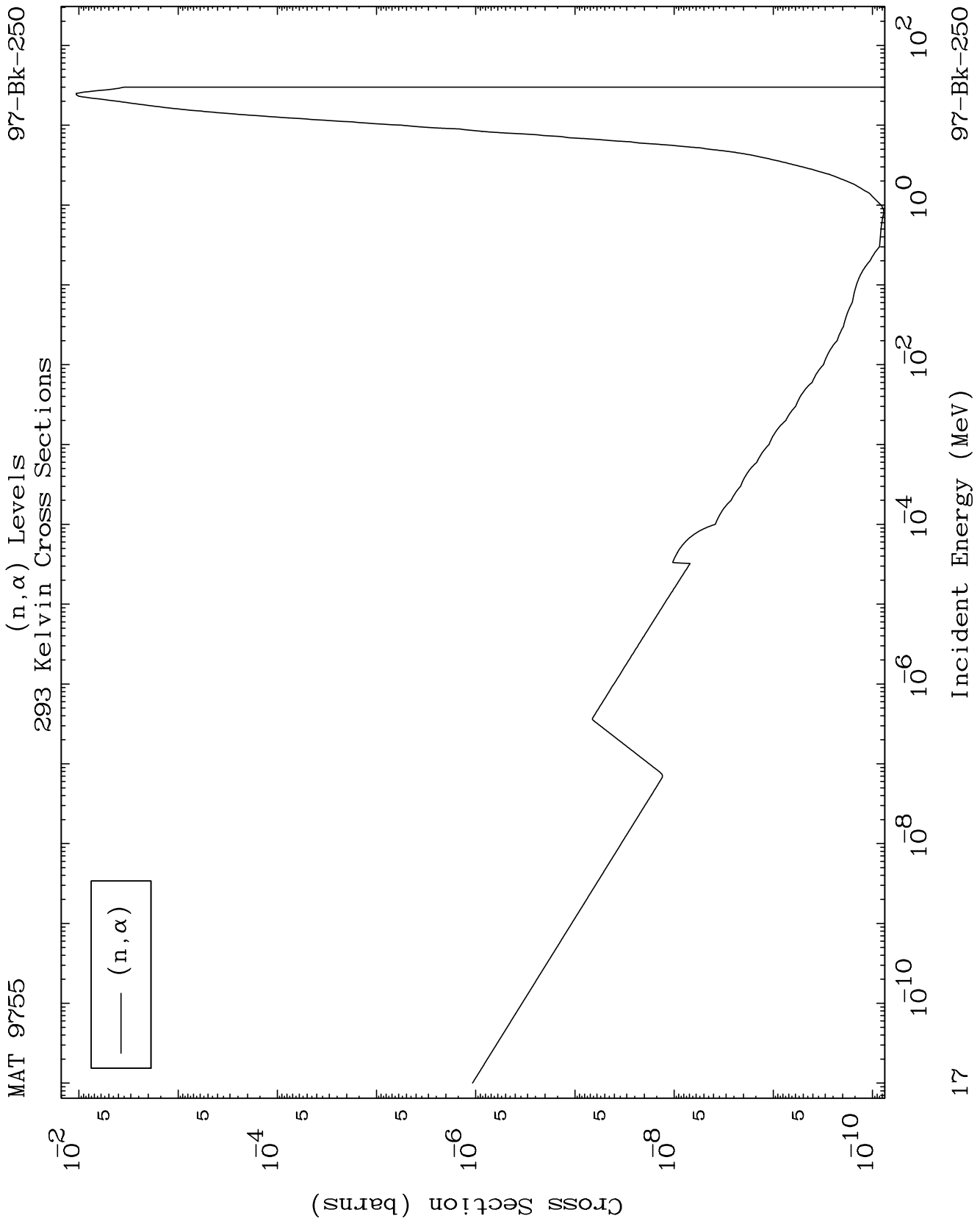
97-Bk-250

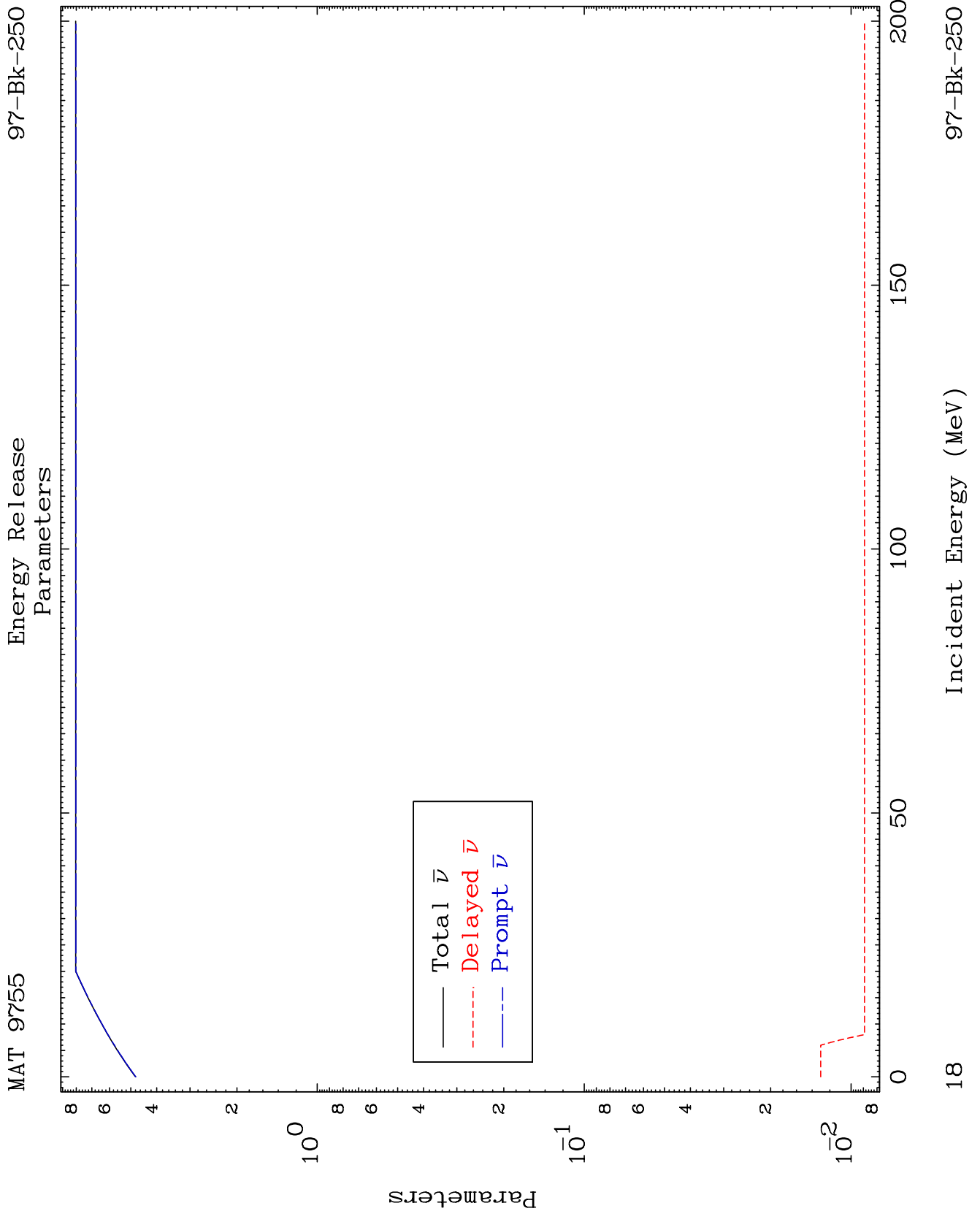


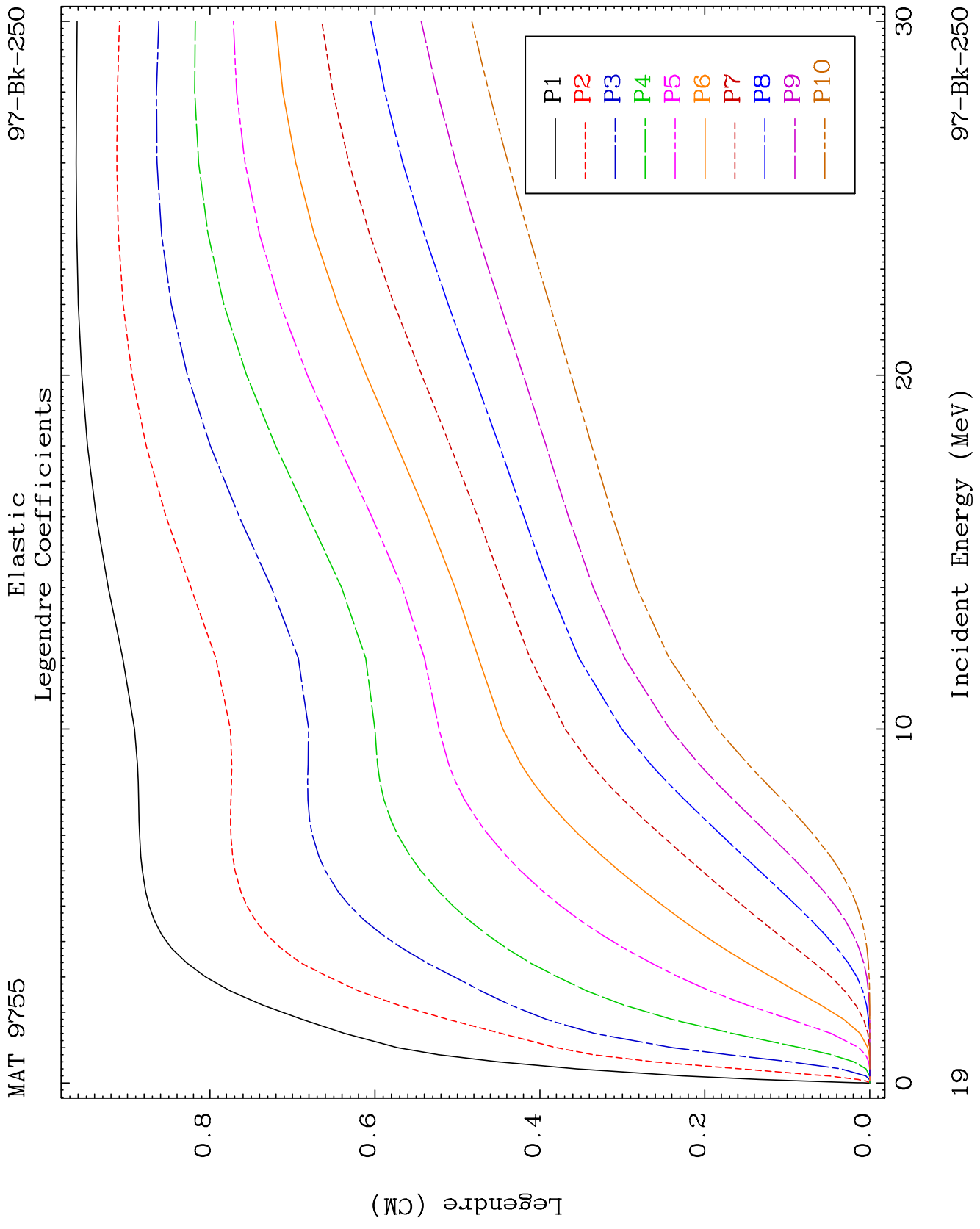
16

Incident Energy (MeV)

97-Bk-250







MAT 9755

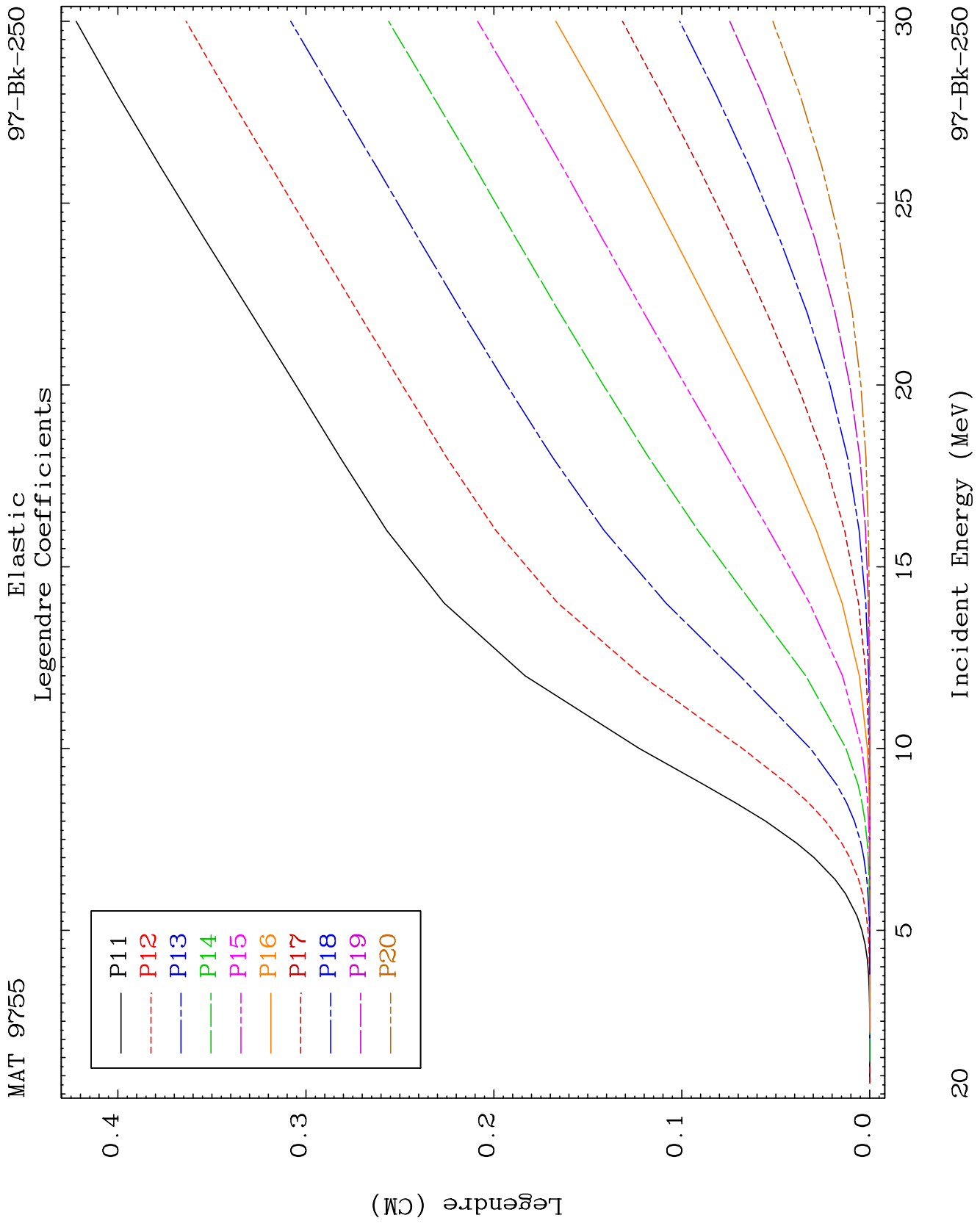
Elastic Legendre Coefficients

97-Bk-250

19

Incident Energy (MeV)

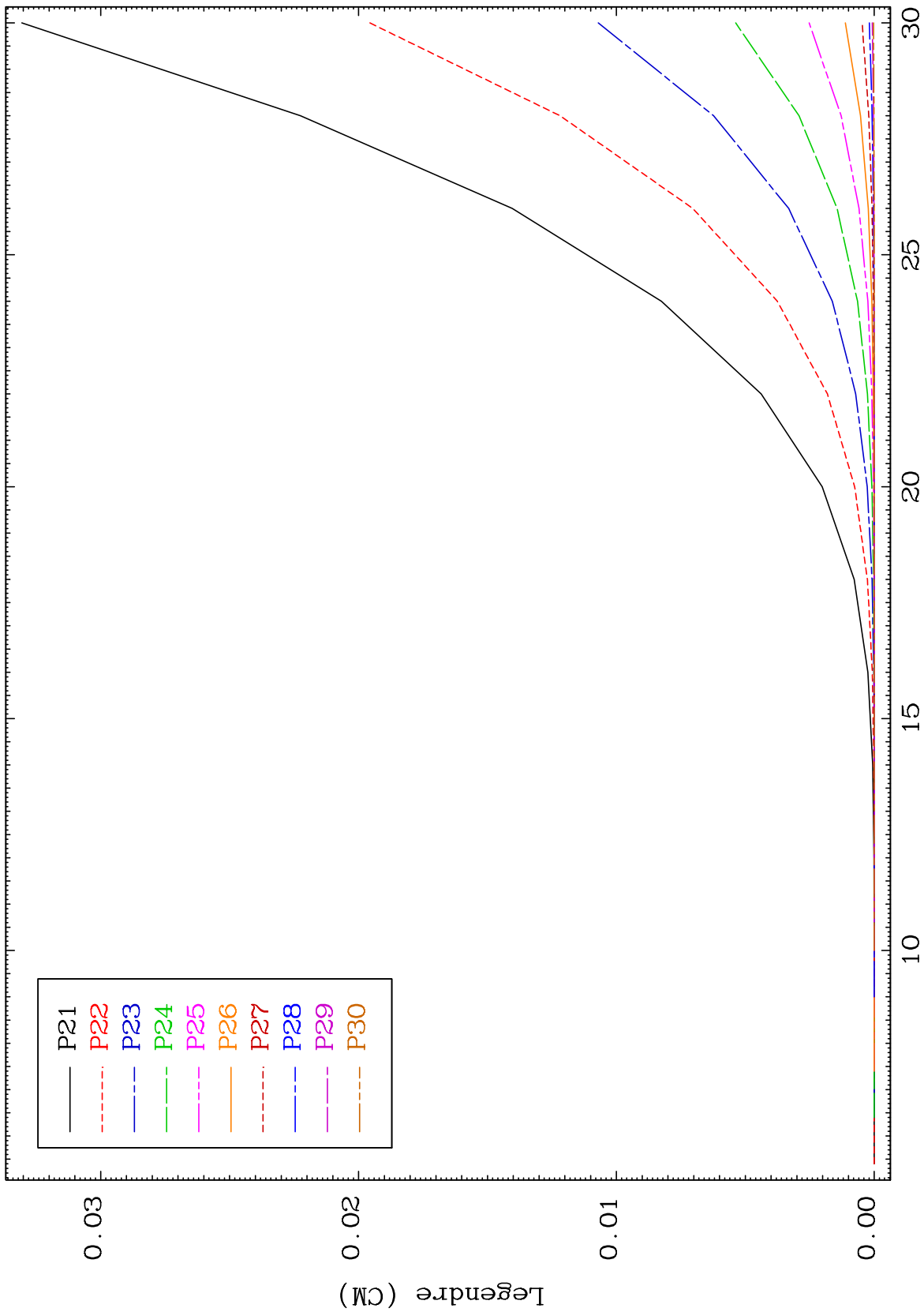
97-Bk-250



MAT 9755

### Elastic Legendre Coefficients

97-Bk-250



21

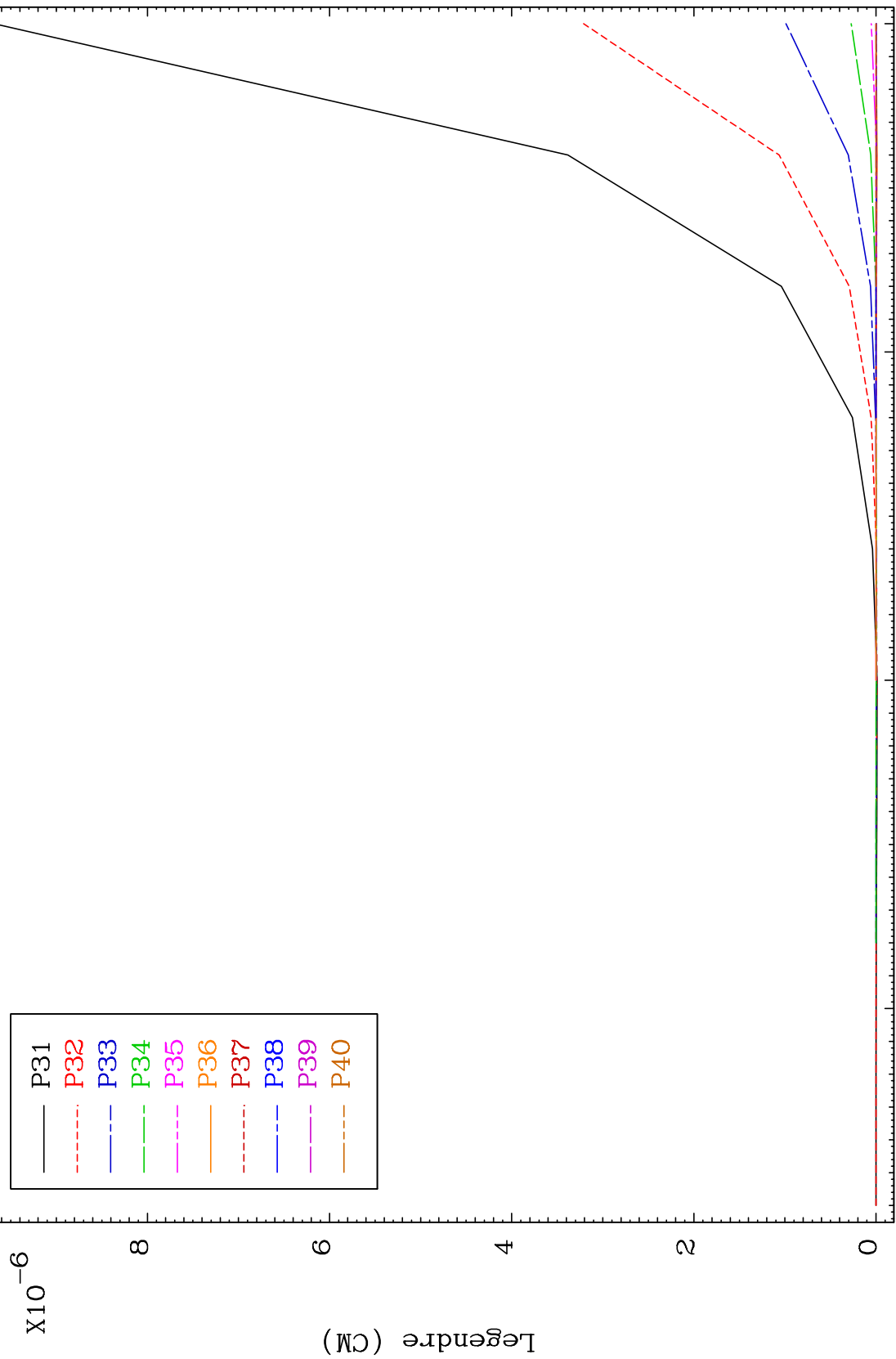
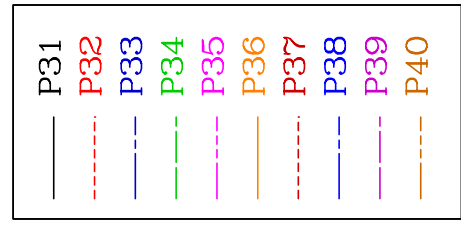
Incident Energy (MeV)

97-Bk-250

MAT 9755

Elastic Legendre Coefficients

97-Bk-250



22

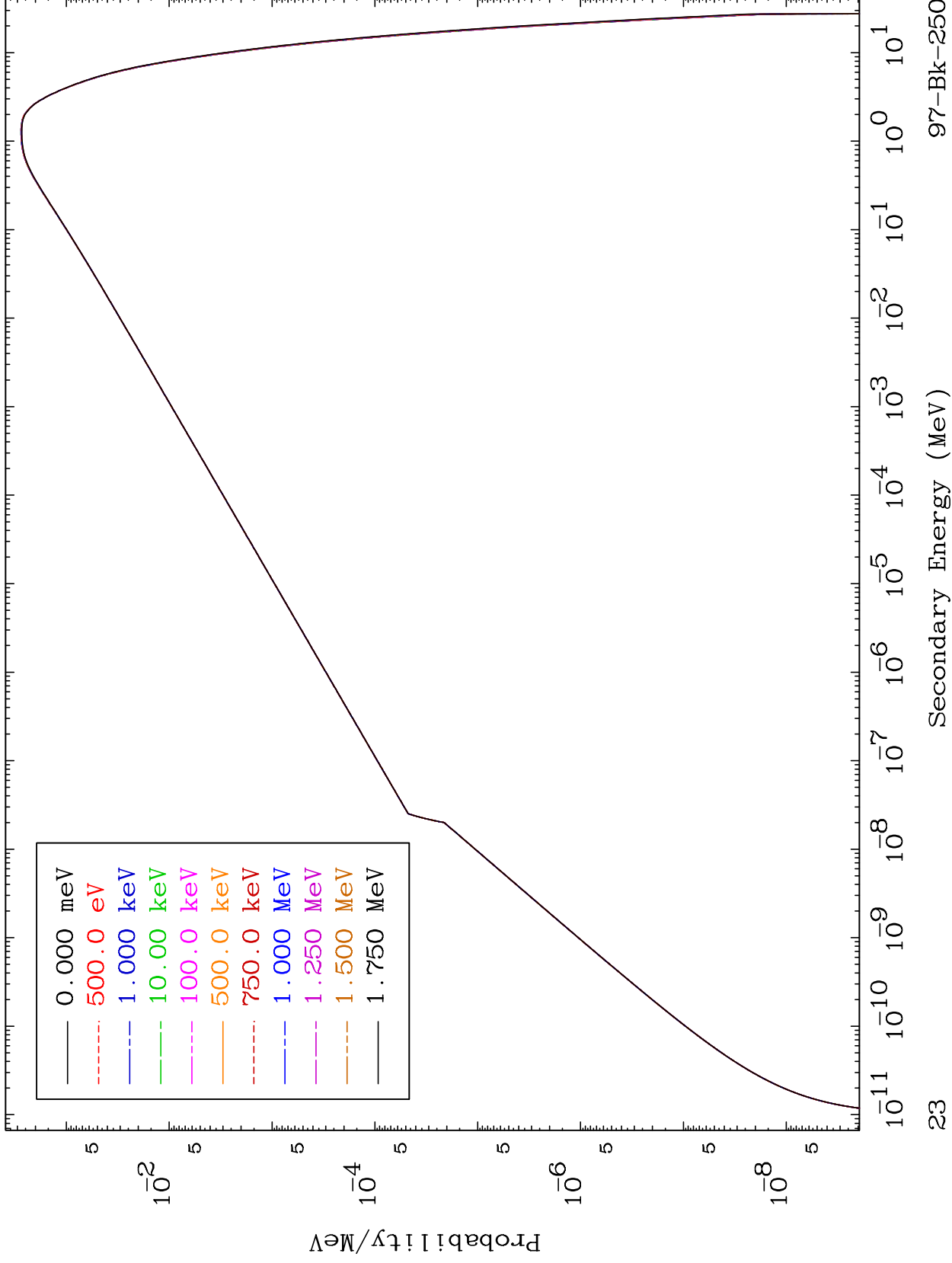
Incident Energy (MeV)

97-Bk-250

MAT 9755

### Fission Energy Distributions

97-Bk-250



97-Bk-250

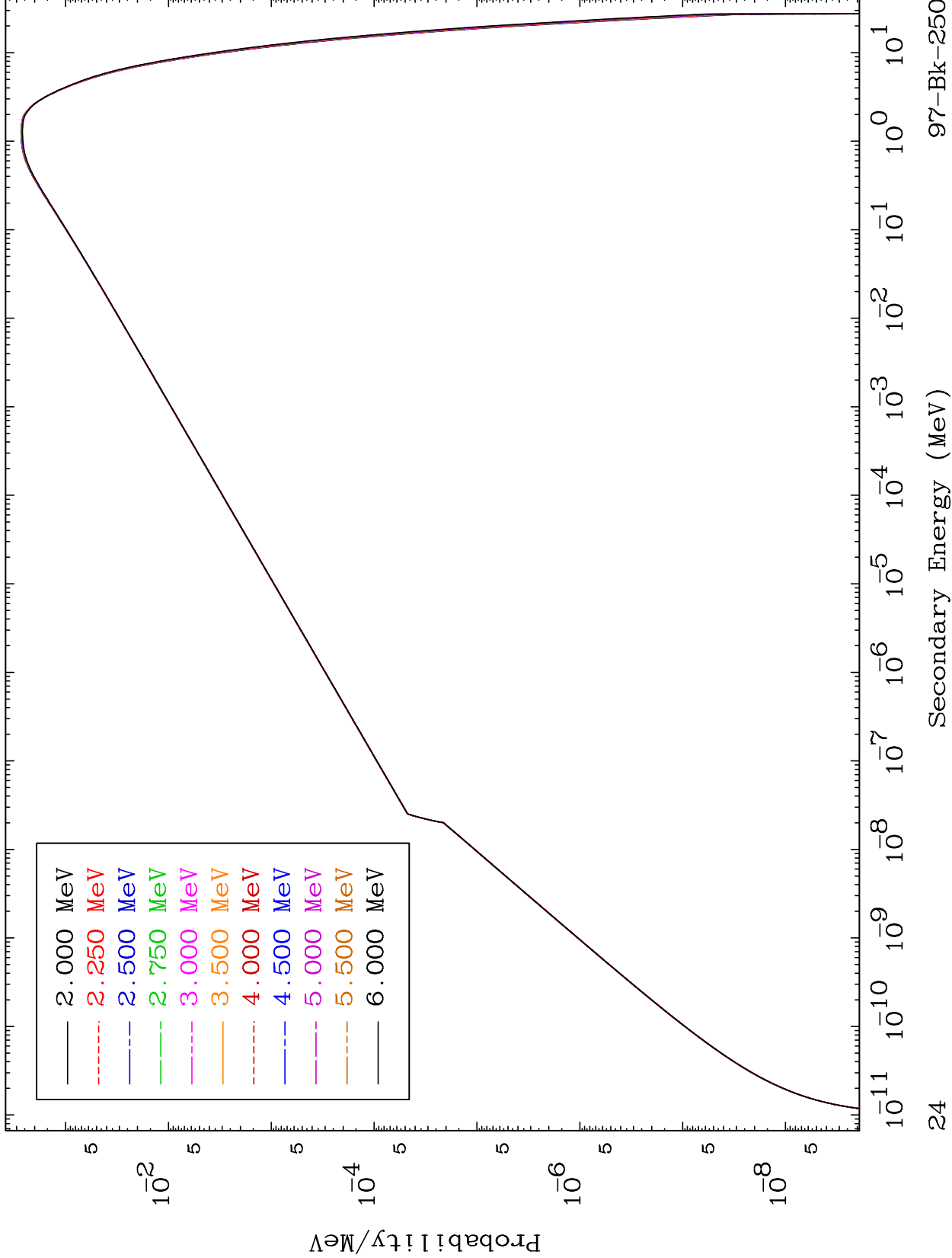
Secondary Energy (MeV)



MAT 9755

### Fission Energy Distributions

97-Bk-250



97-Bk-250

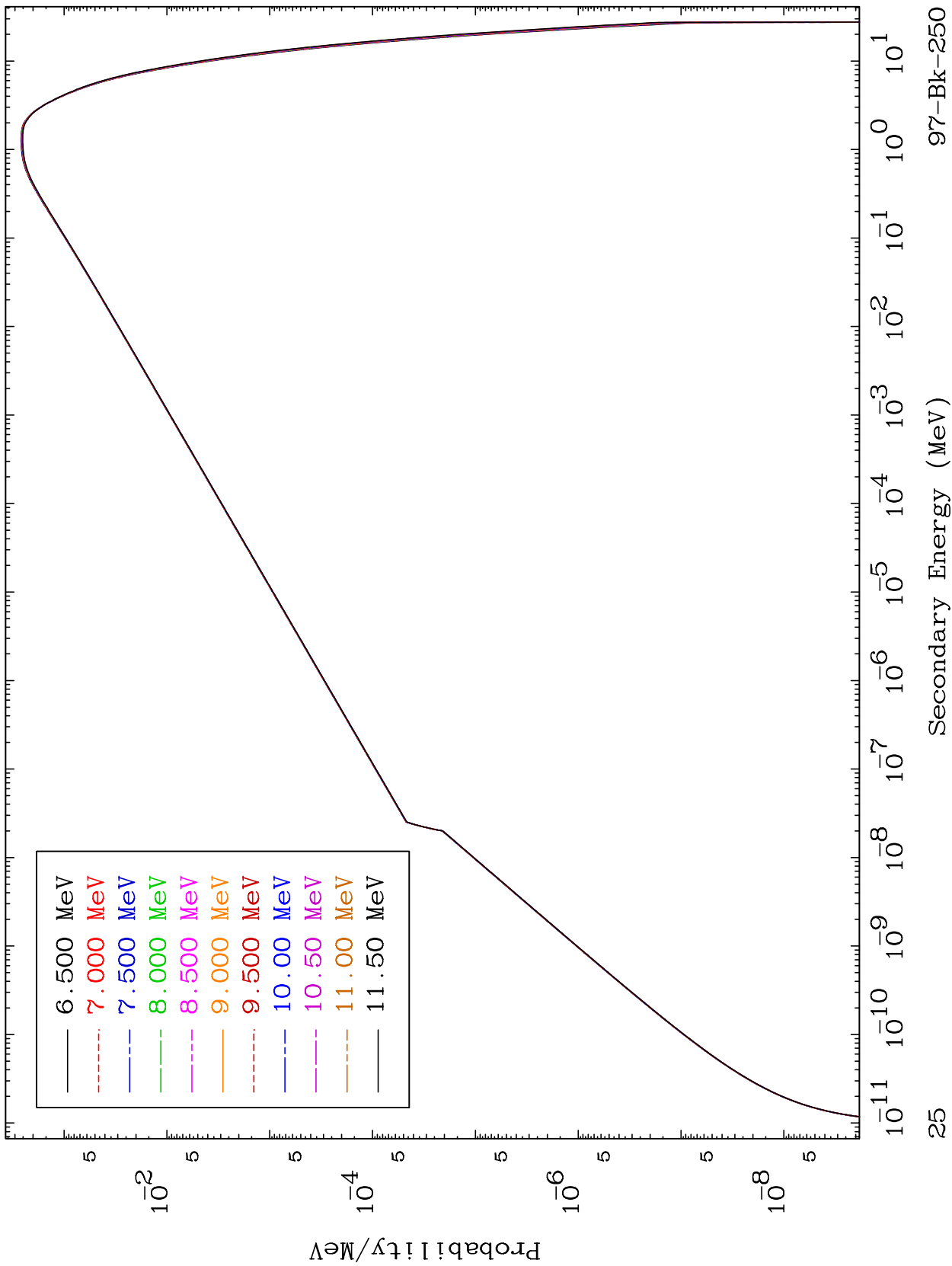
Secondary Energy (MeV)

24

MAT 9755

### Fission Energy Distributions

97-Bk-250



97-Bk-250

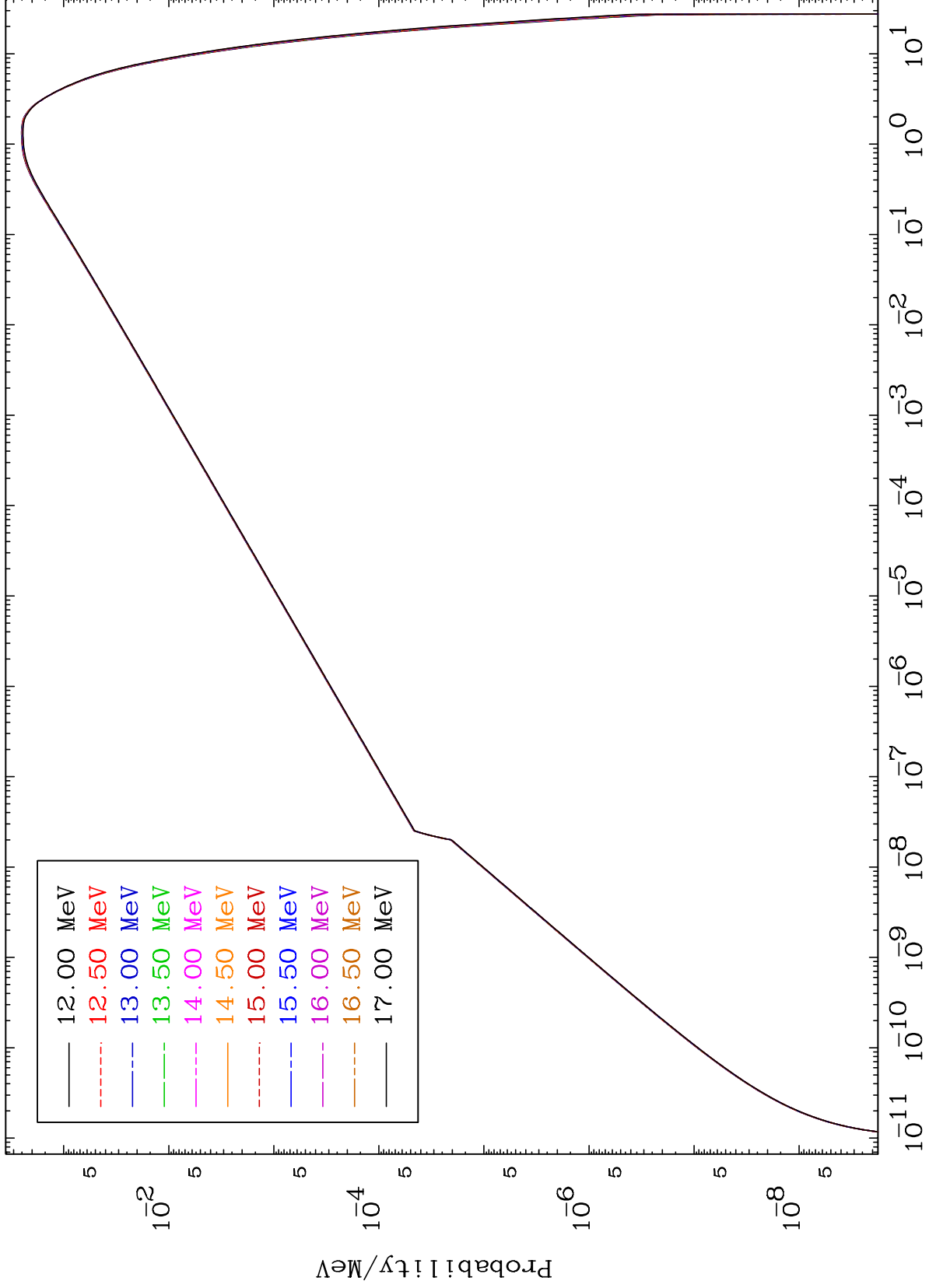
Secondary Energy (MeV)

25

MAT 9755

### Fission Energy Distributions

97-Bk-250



26

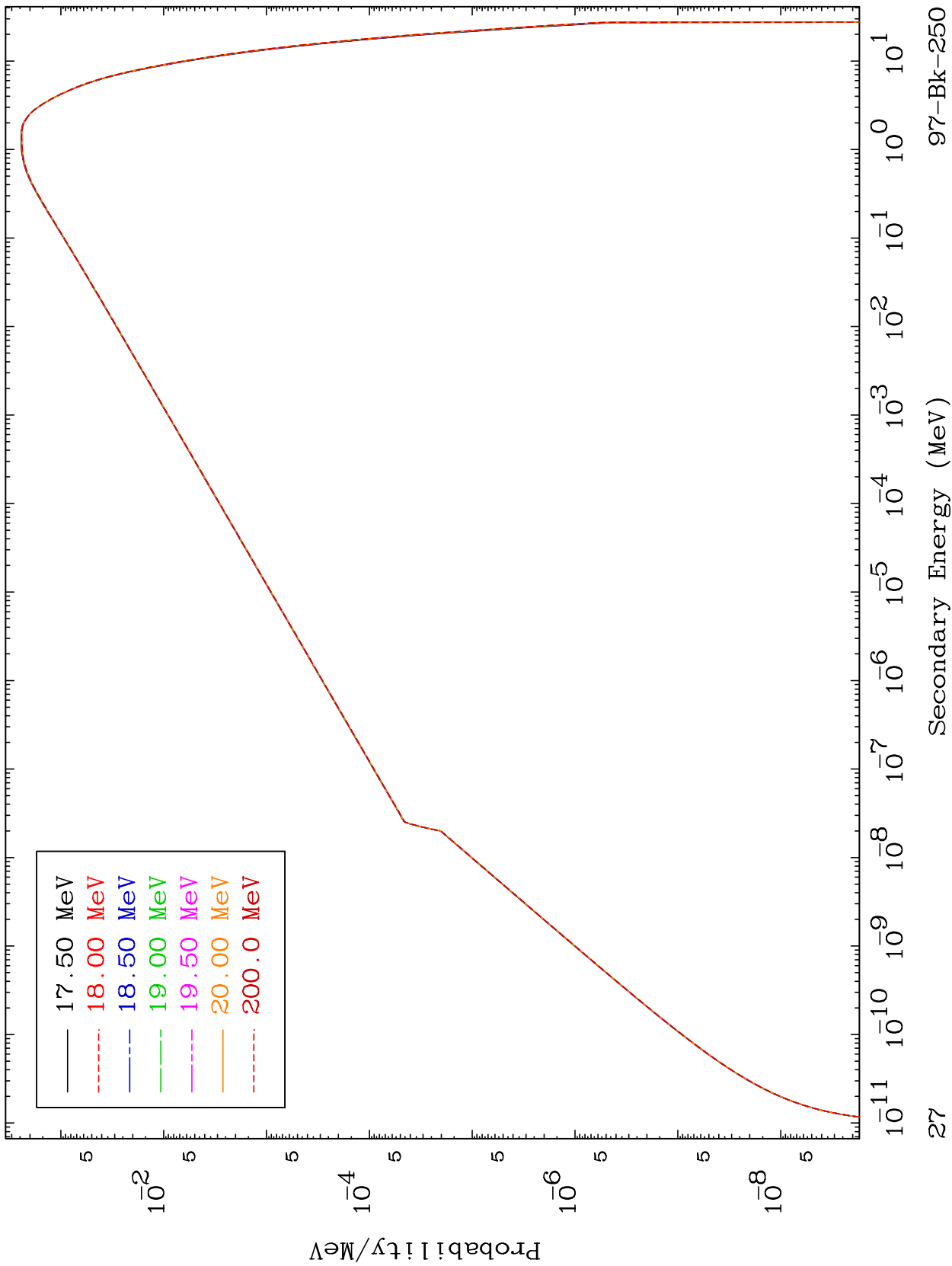
Secondary Energy (MeV)

97-Bk-250

MAT 9755

### Fission Energy Distributions

97-Bk-250



- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

97-Bk-250

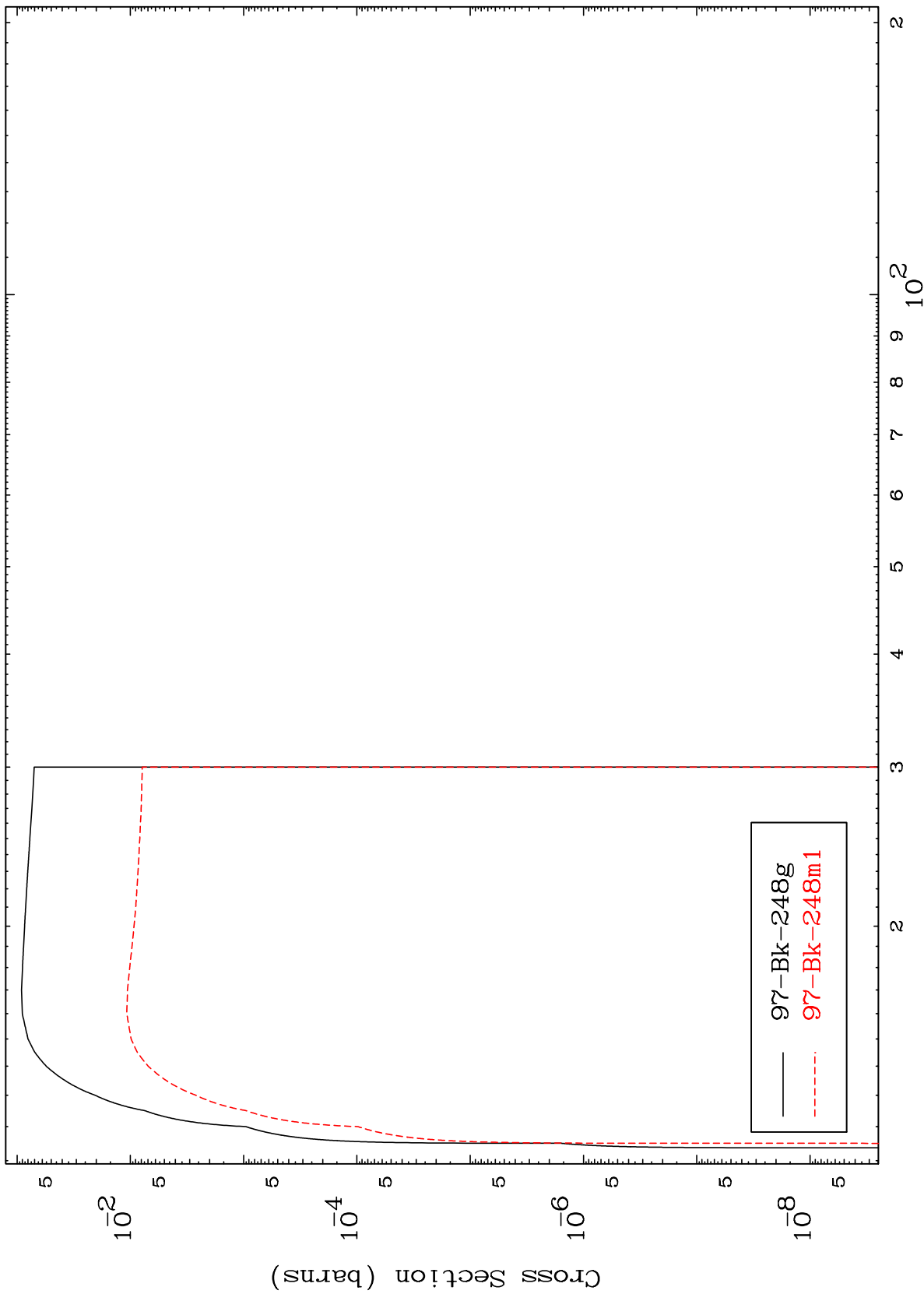
Secondary Energy (MeV)

27

MAT 9755

97-Bk-250

(n,3n)  
Radionuclide Production Cross Section



Incident Energy (MeV)

97-Bk-250

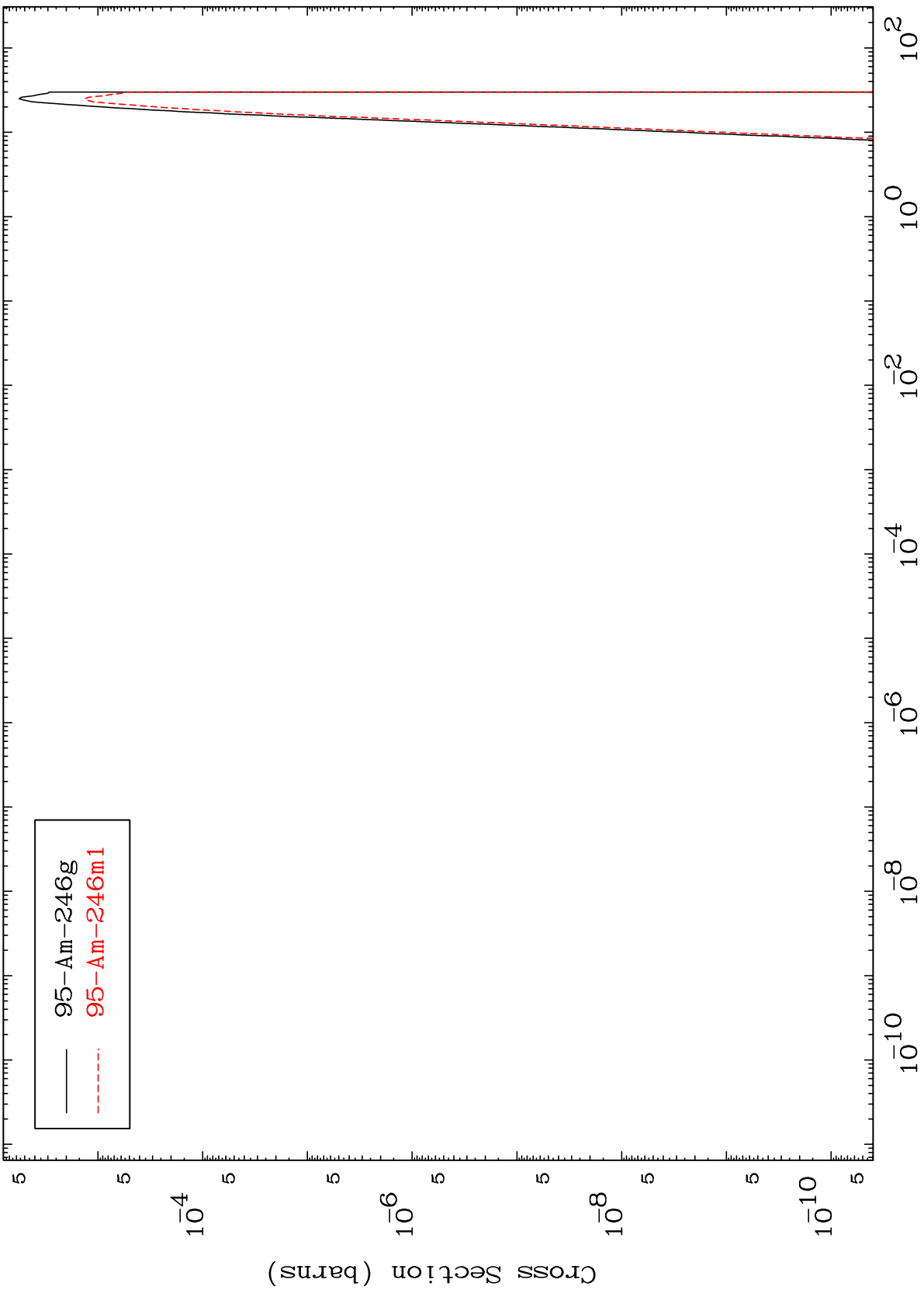
28

MAT 9755

(n,n')  $\alpha$

97-Bk-250

Radionuclide Production Cross Section

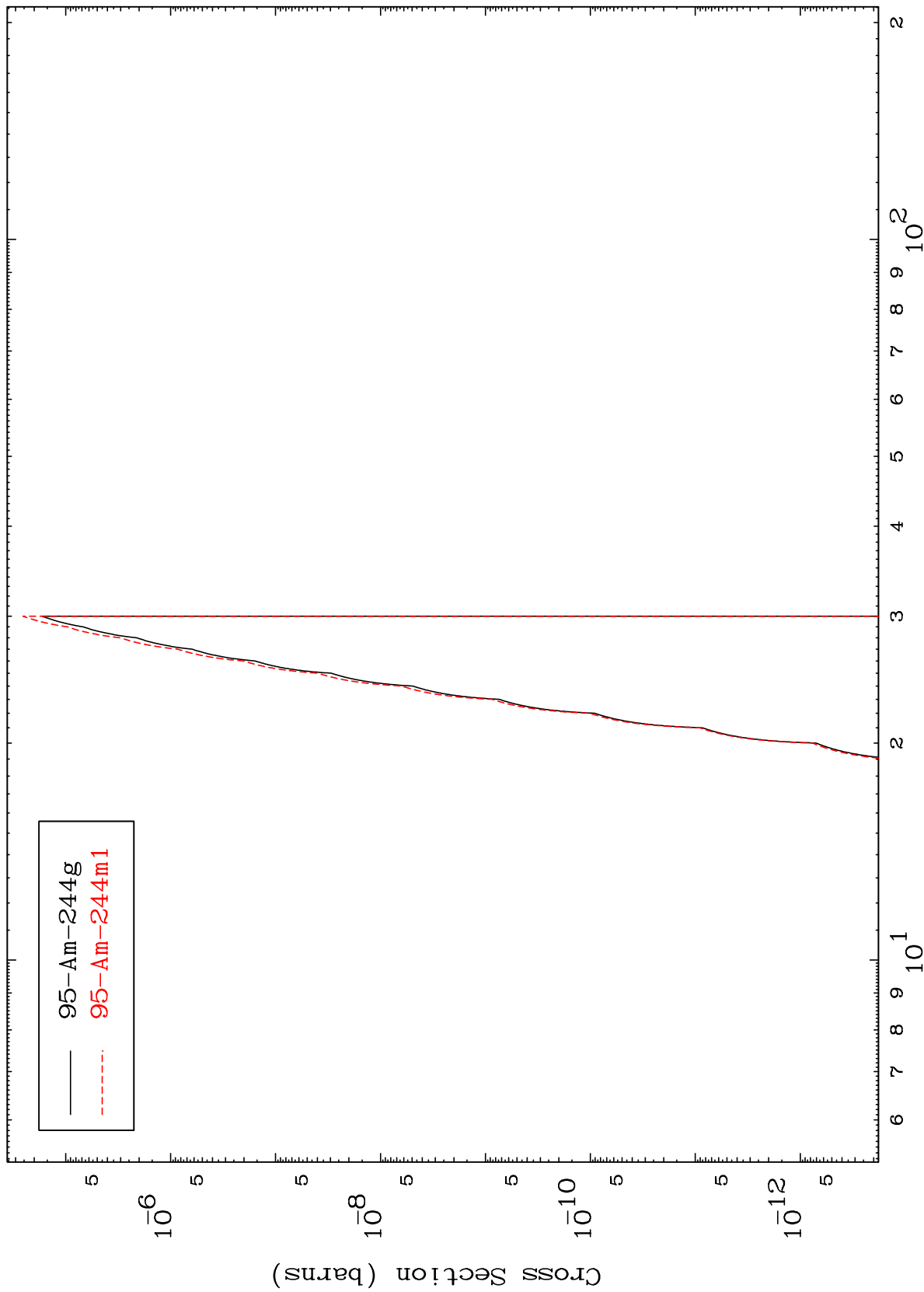


MAT 9755

(n,3n)  $\alpha$

97-Bk-250

Radionuclide Production Cross Section



30

Incident Energy (MeV)

97-Bk-250