

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

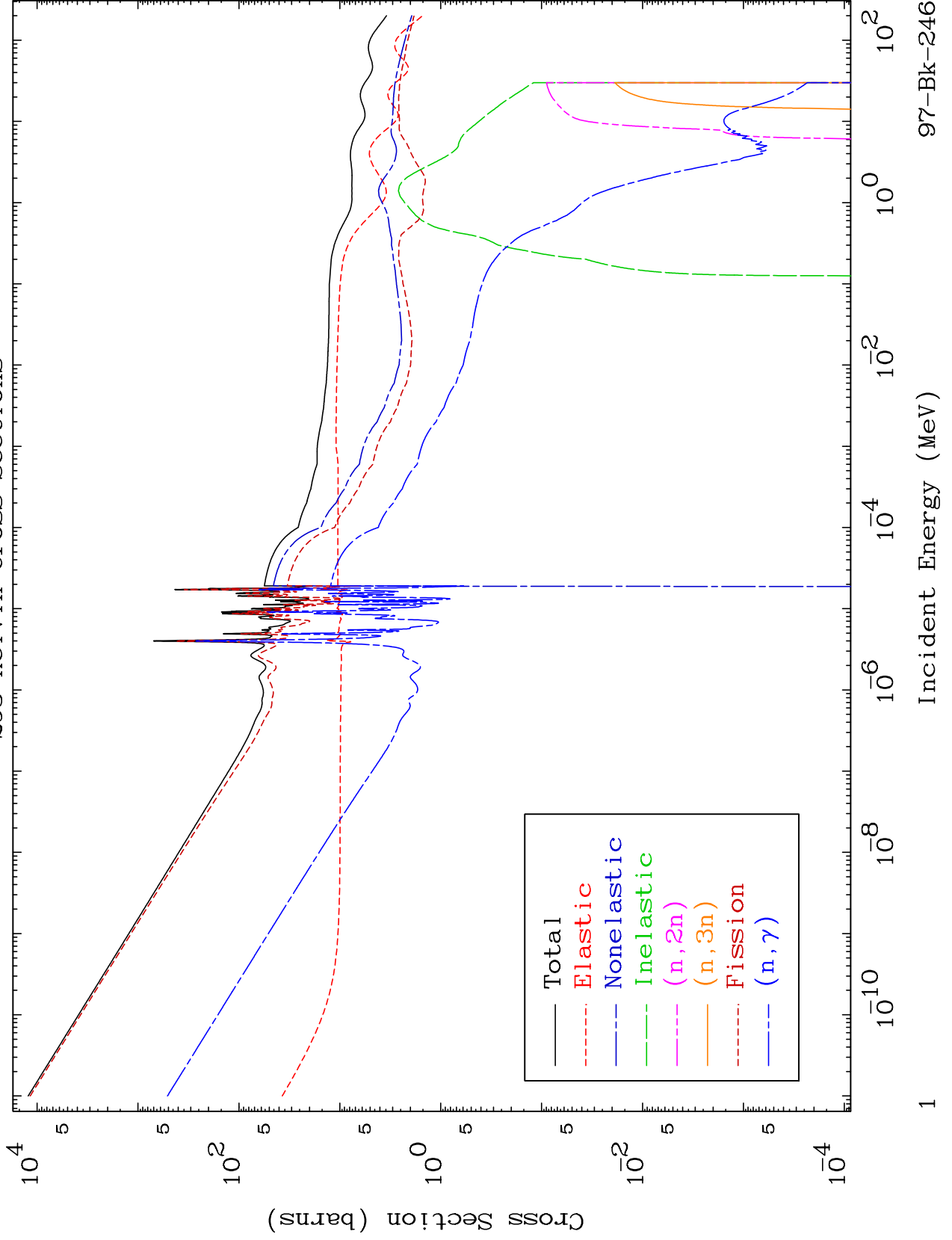
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9743

Neutron Major  
293 Kelvin Cross Sections

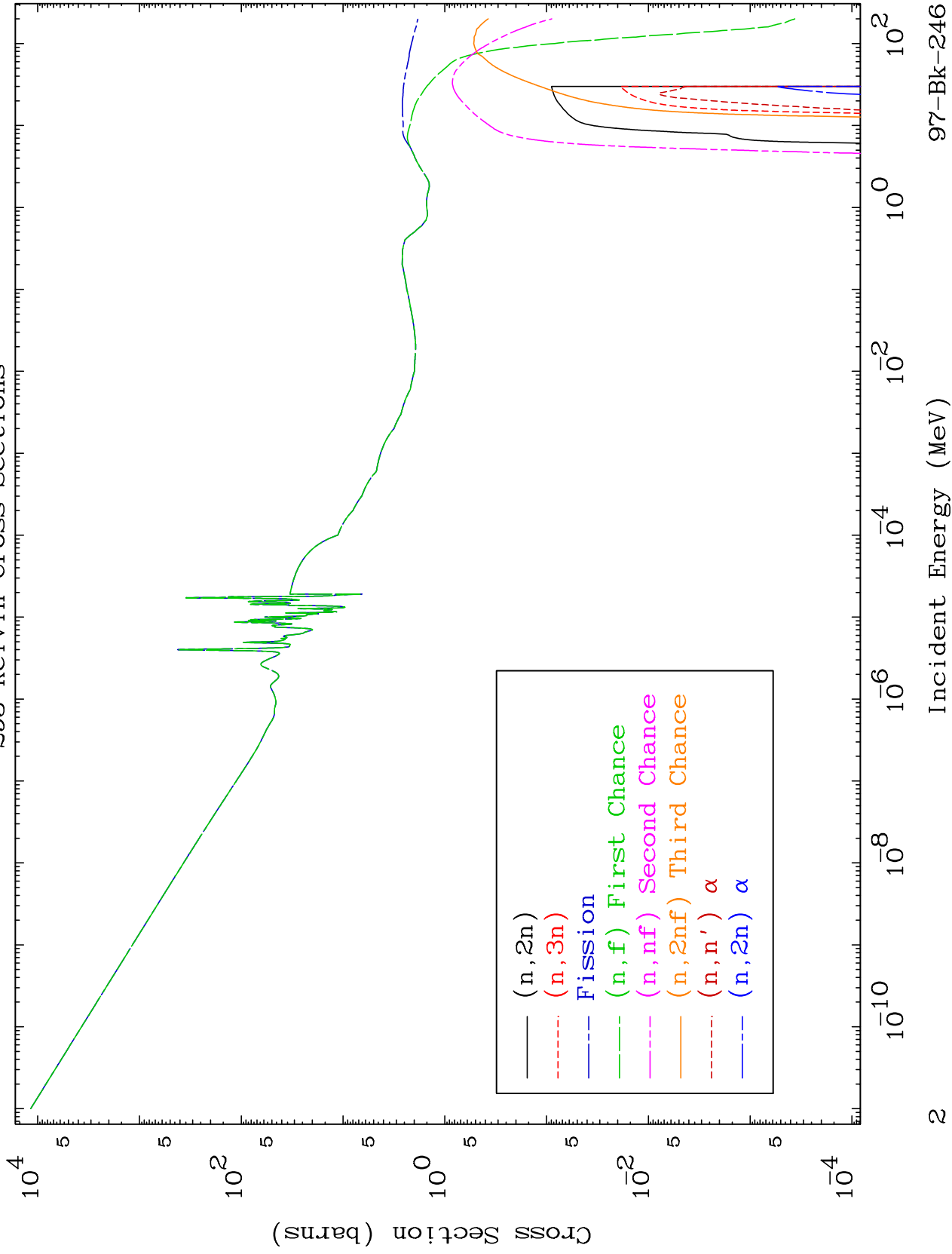
97-Bk-246



MAT 9743

Neutron Absorption  
293 Kelvin Cross Sections

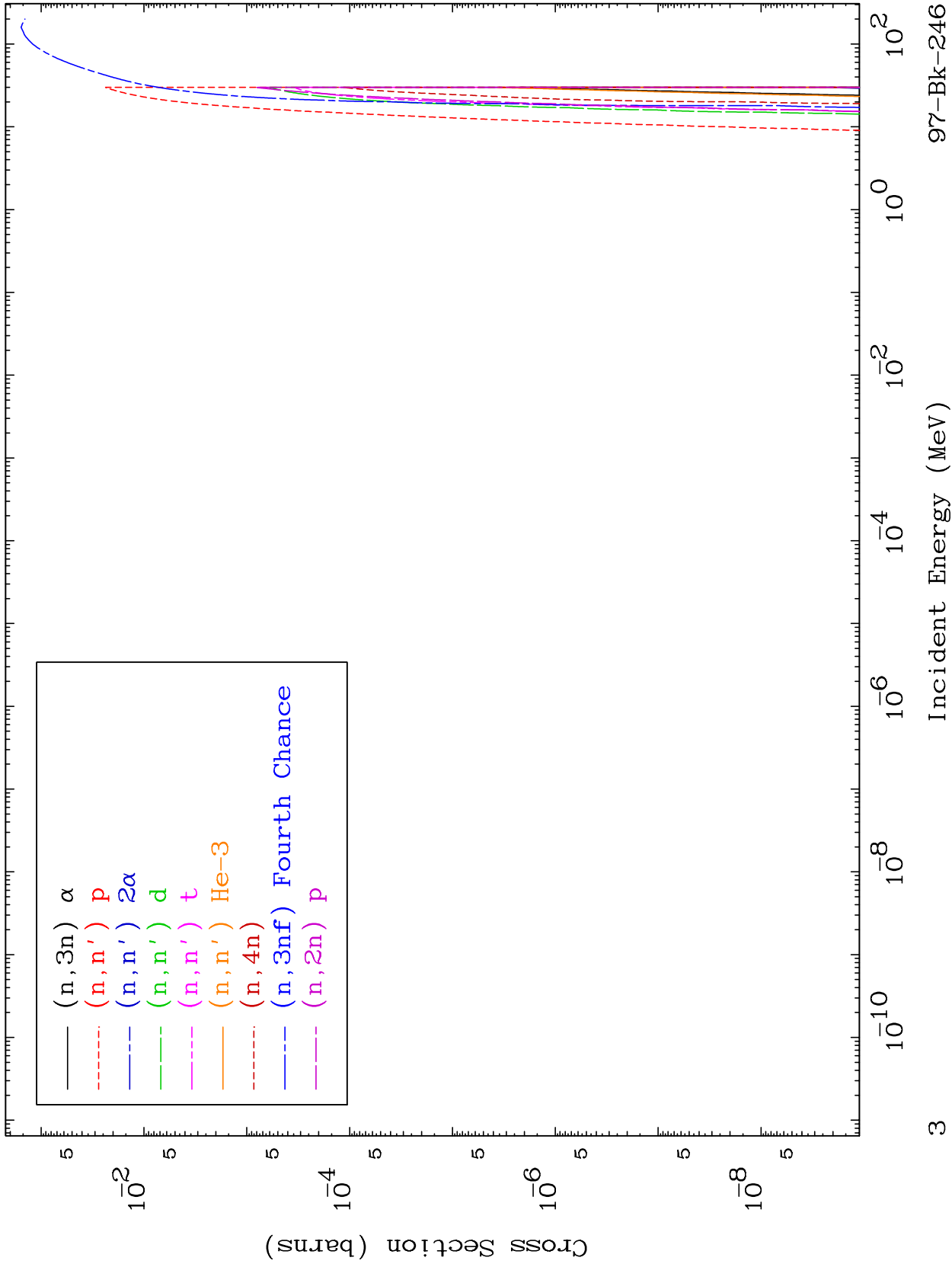
97-Bk-246



MAT 9743

Neutron Absorption  
293 Kelvin Cross Sections

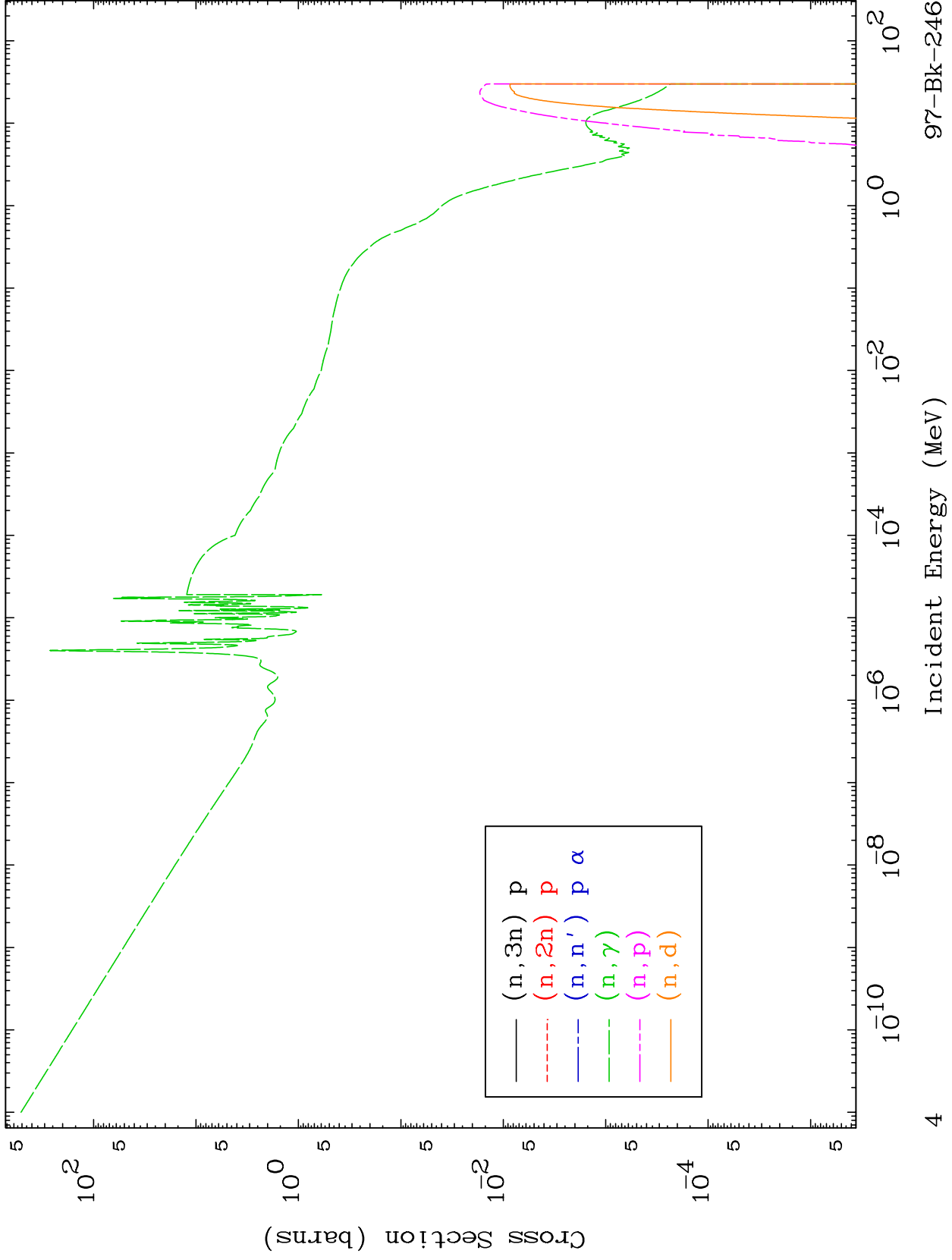
97-Bk-246



MAT 9743

Neutron Absorption  
293 Kelvin Cross Sections

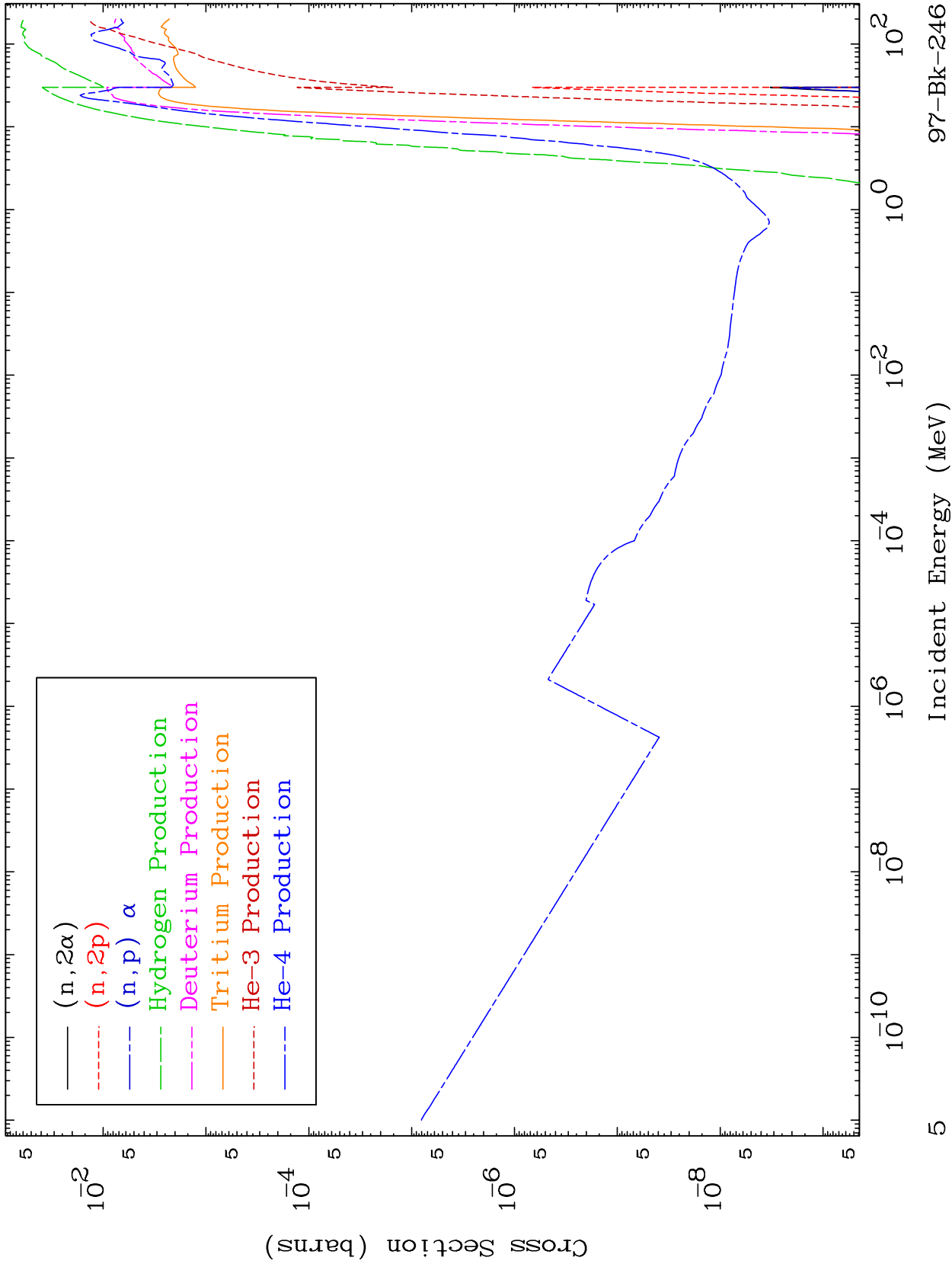
97-Bk-246



MAT 9743

Neutron Absorption  
293 Kelvin Cross Sections

97-Bk-246

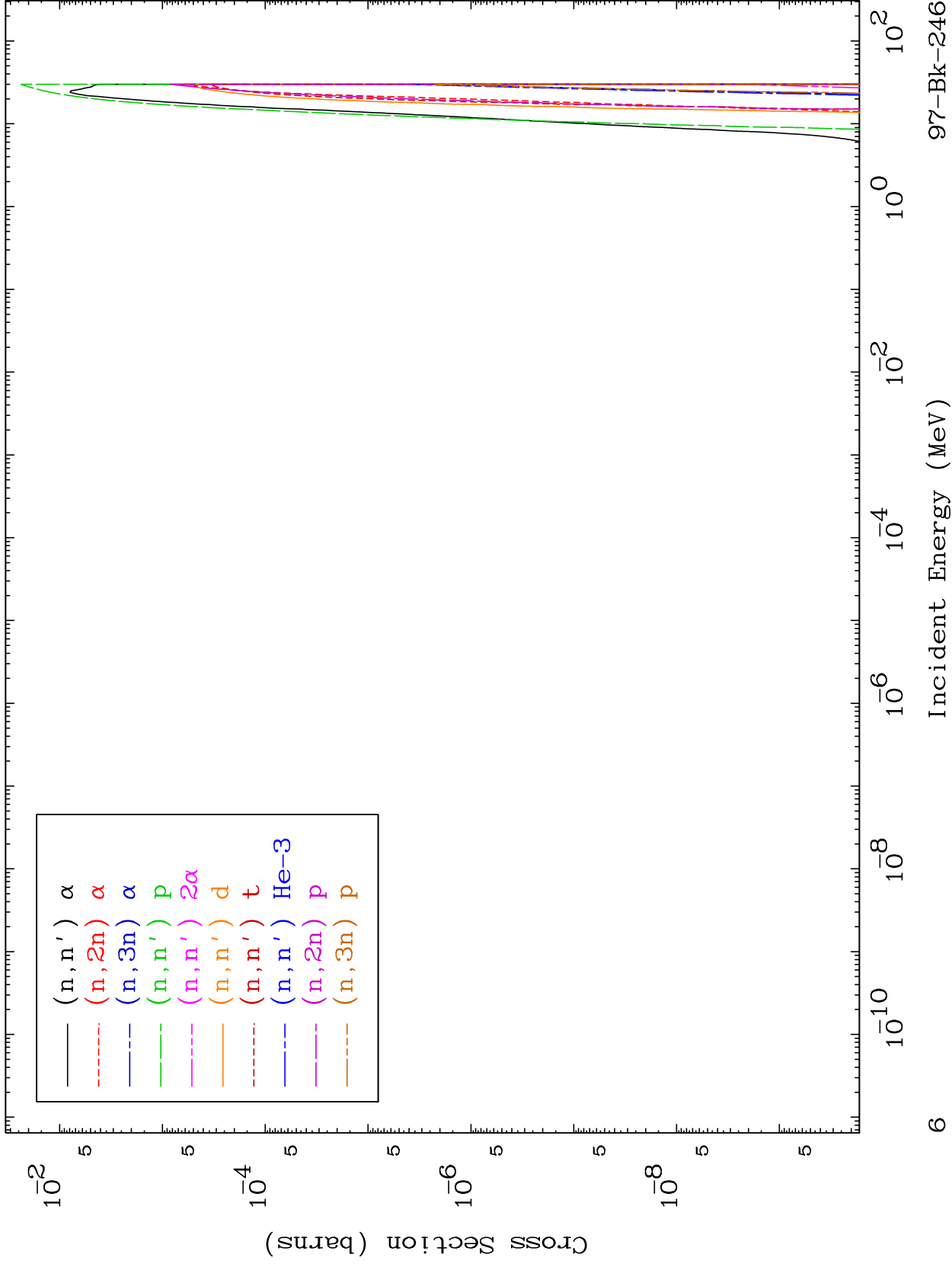


5

MAT 9743

Charged Particle  
293 Kelvin Cross Sections

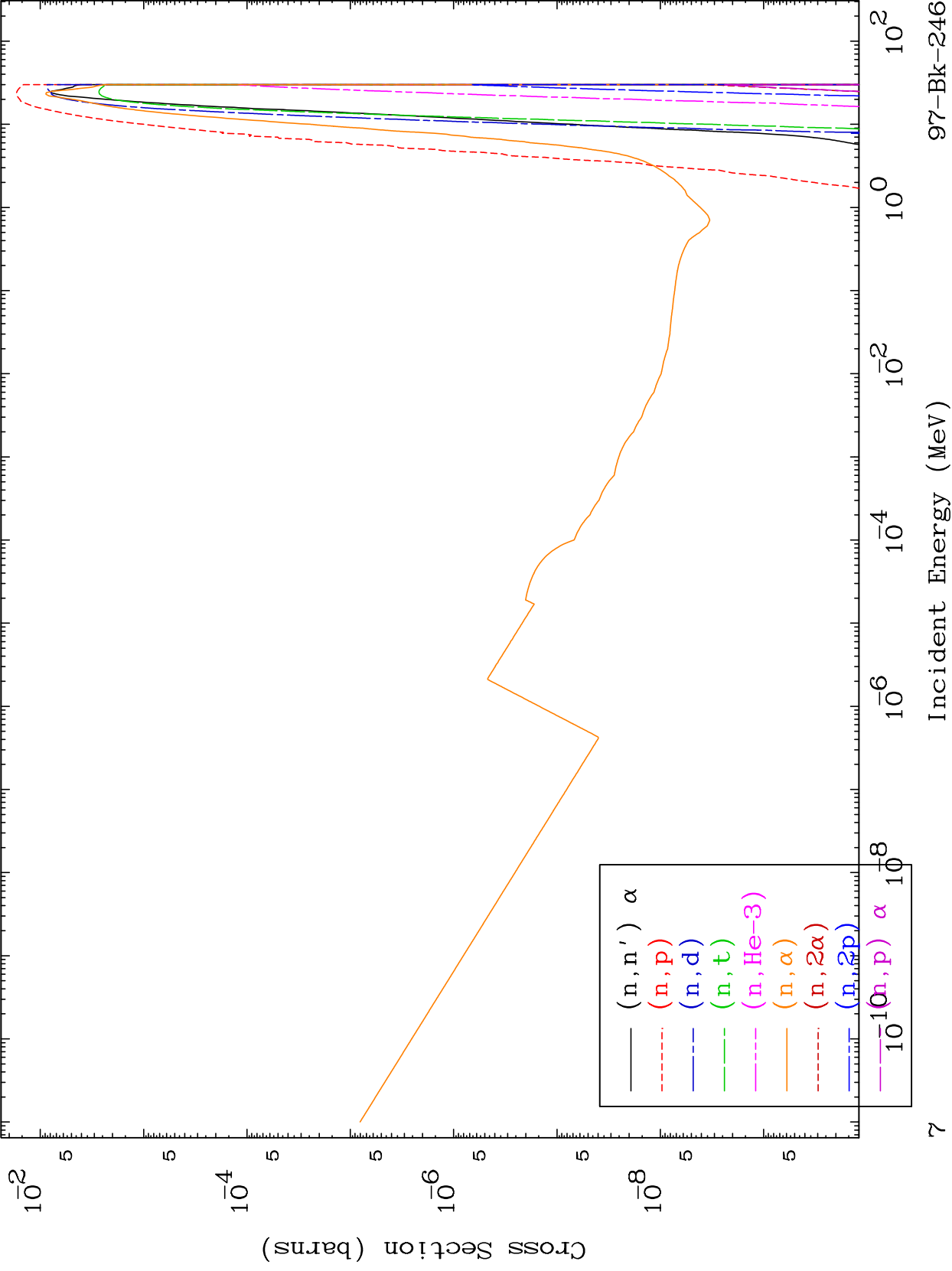
97-Bk-246



MAT 9743

Charged Particle  
293 Kelvin Cross Sections

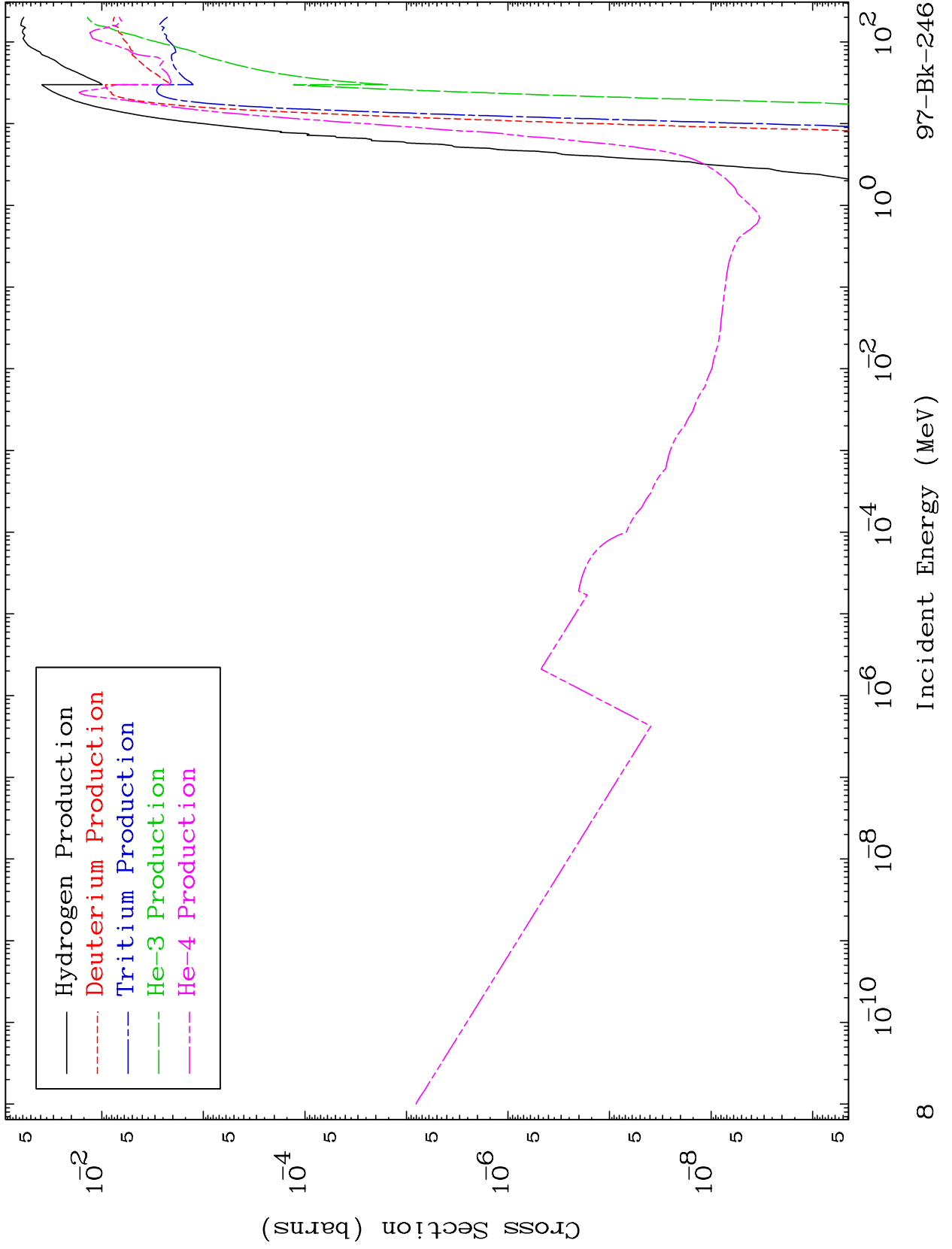
97-Bk-246



MAT 9743

Particle Production  
293 Kelvin Cross Sections

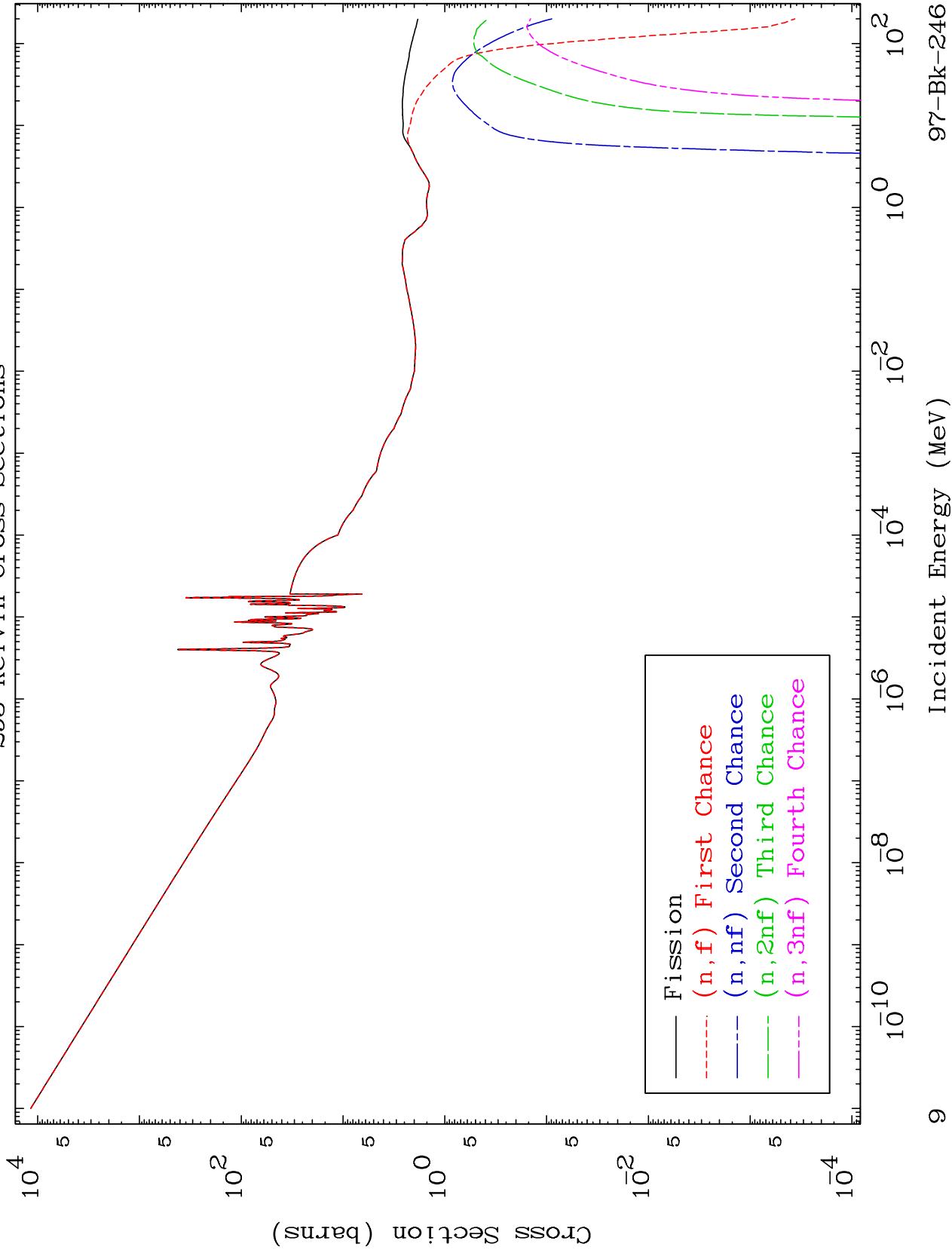
97-Bk-246



MAT 9743

Fission  
293 Kelvin Cross Sections

97-Bk-246

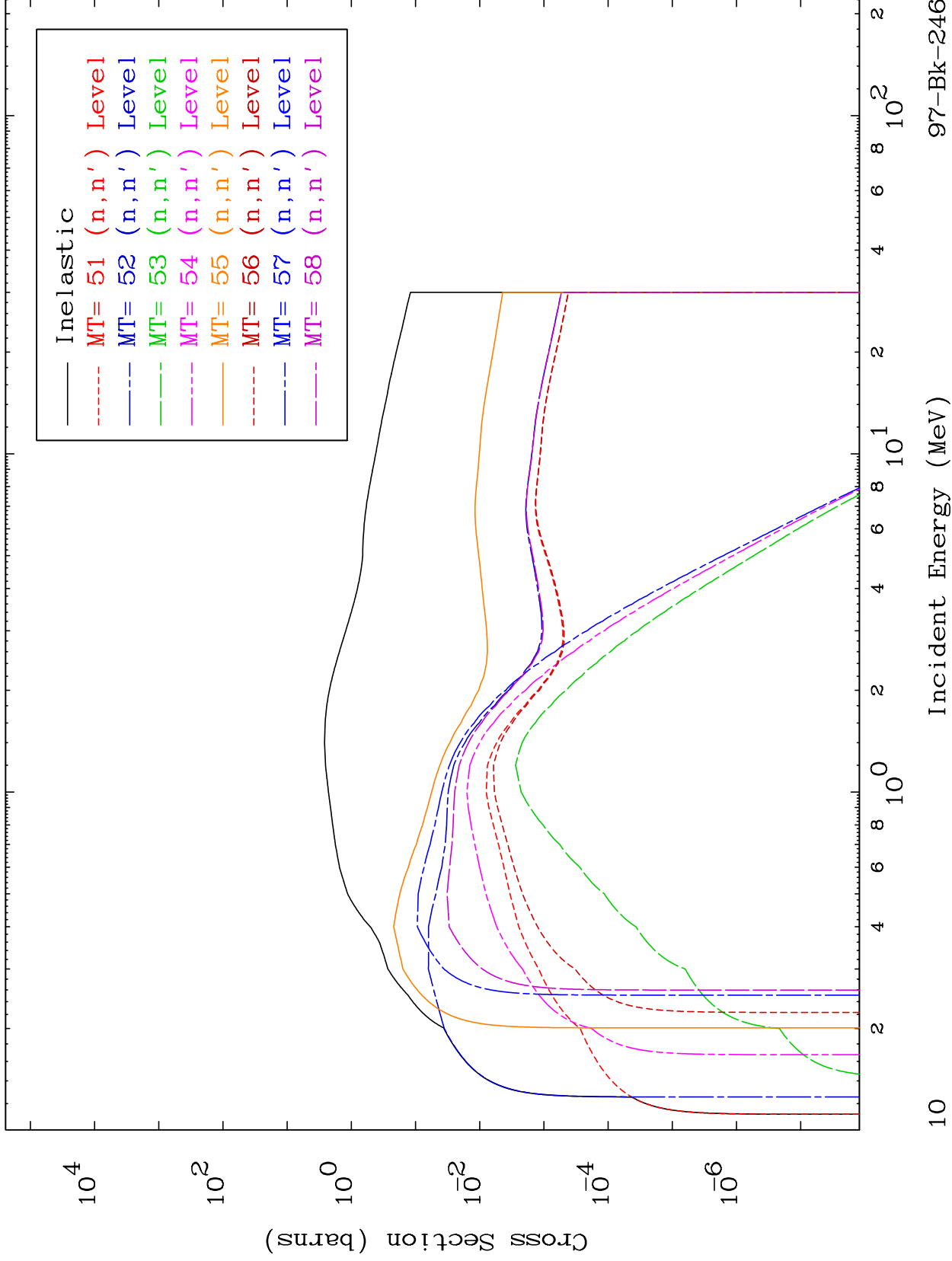


MAT 9743

(n,n') Levels

97-Bk-246

293 Kelvin Cross Sections

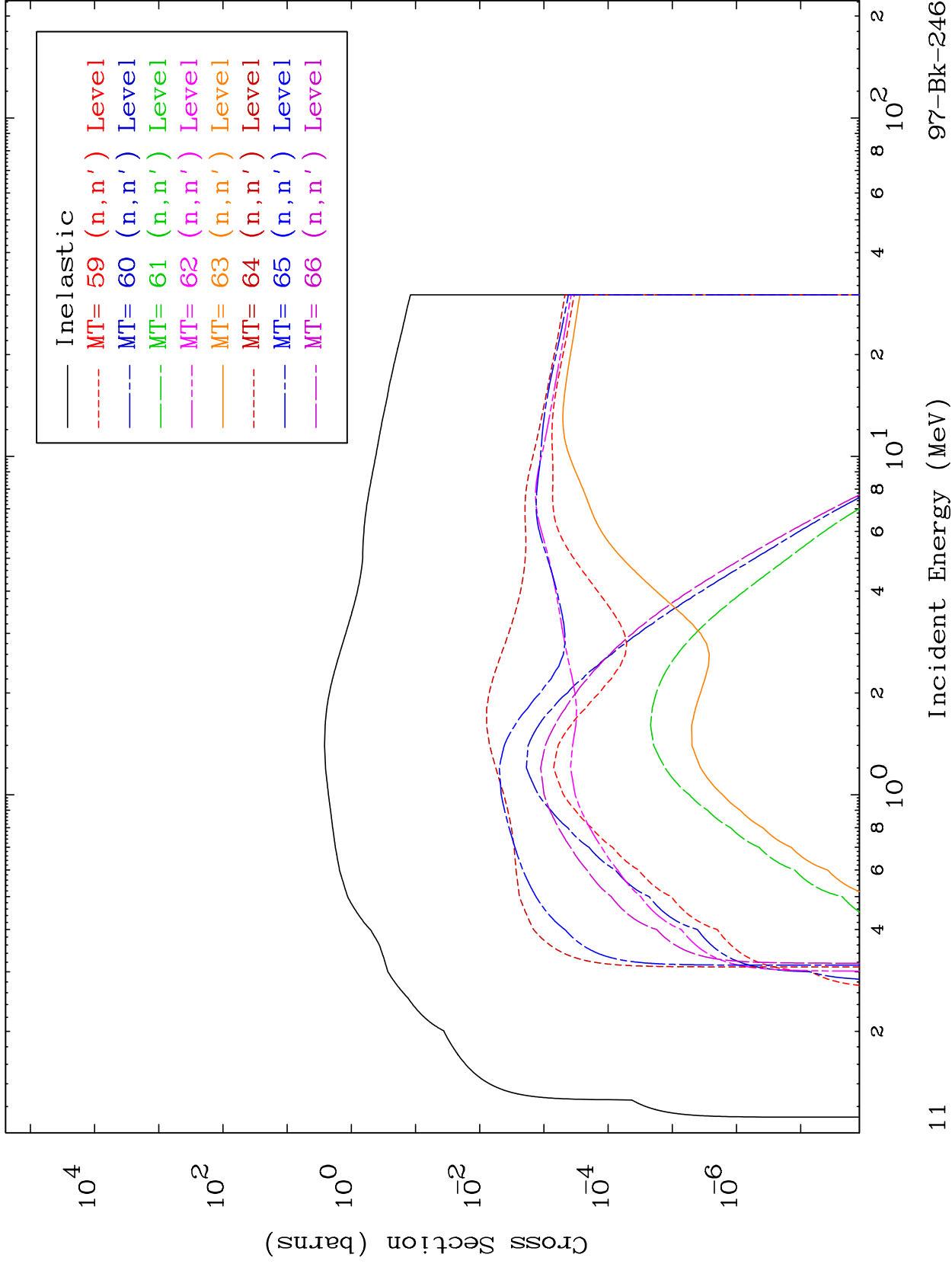


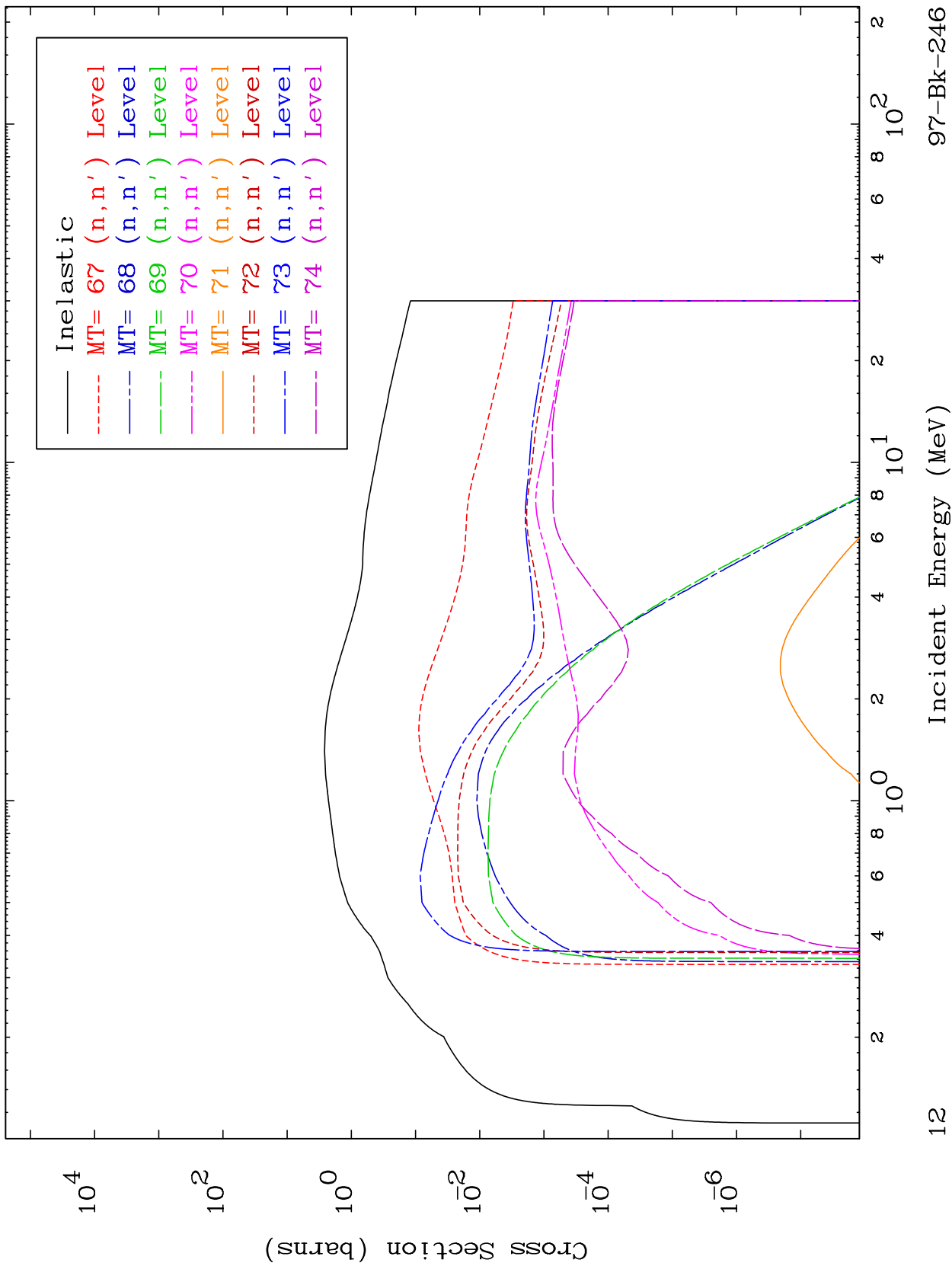
10

Incident Energy (MeV)

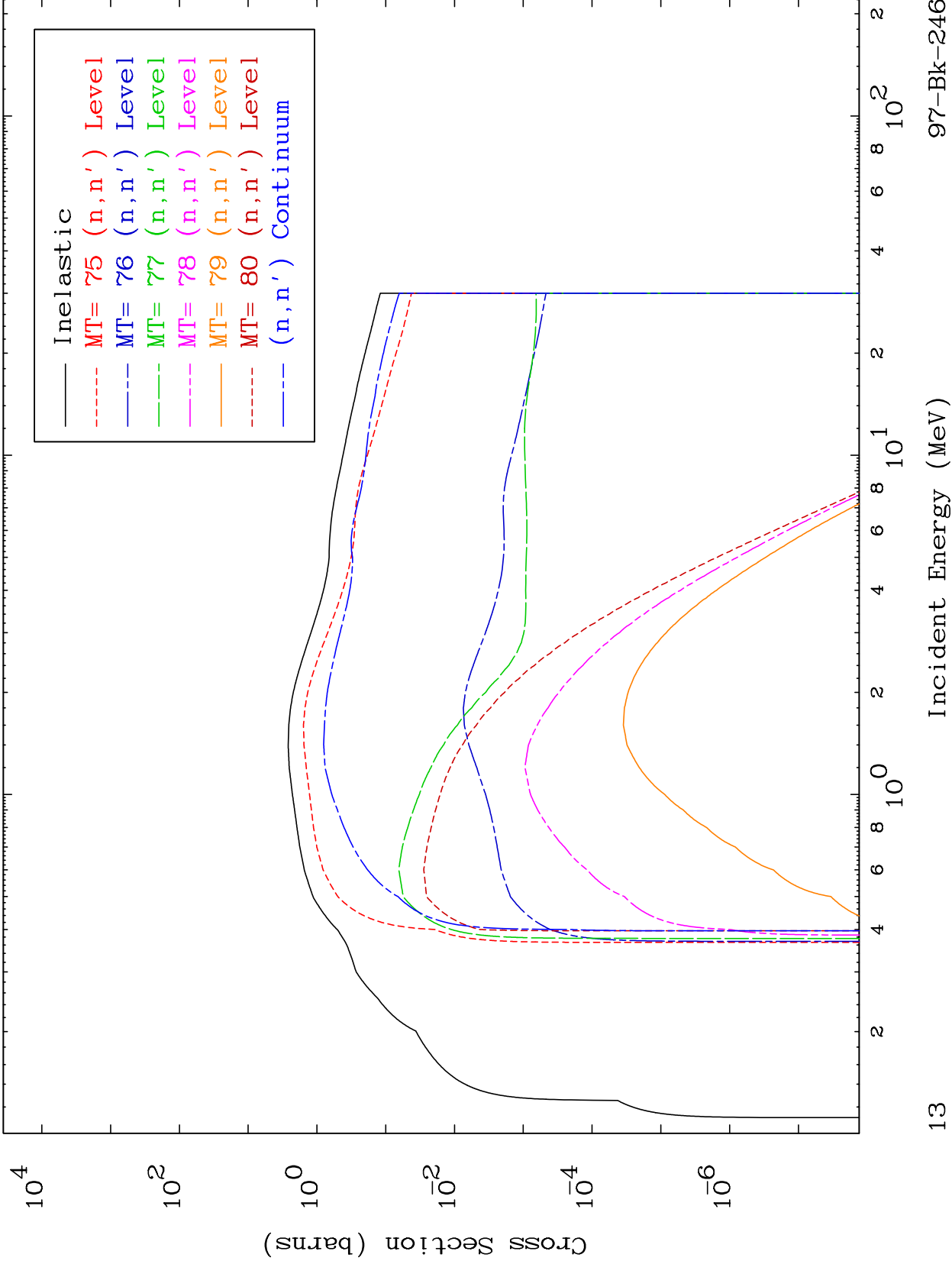
97-Bk-246

293 Kelvin Cross Sections





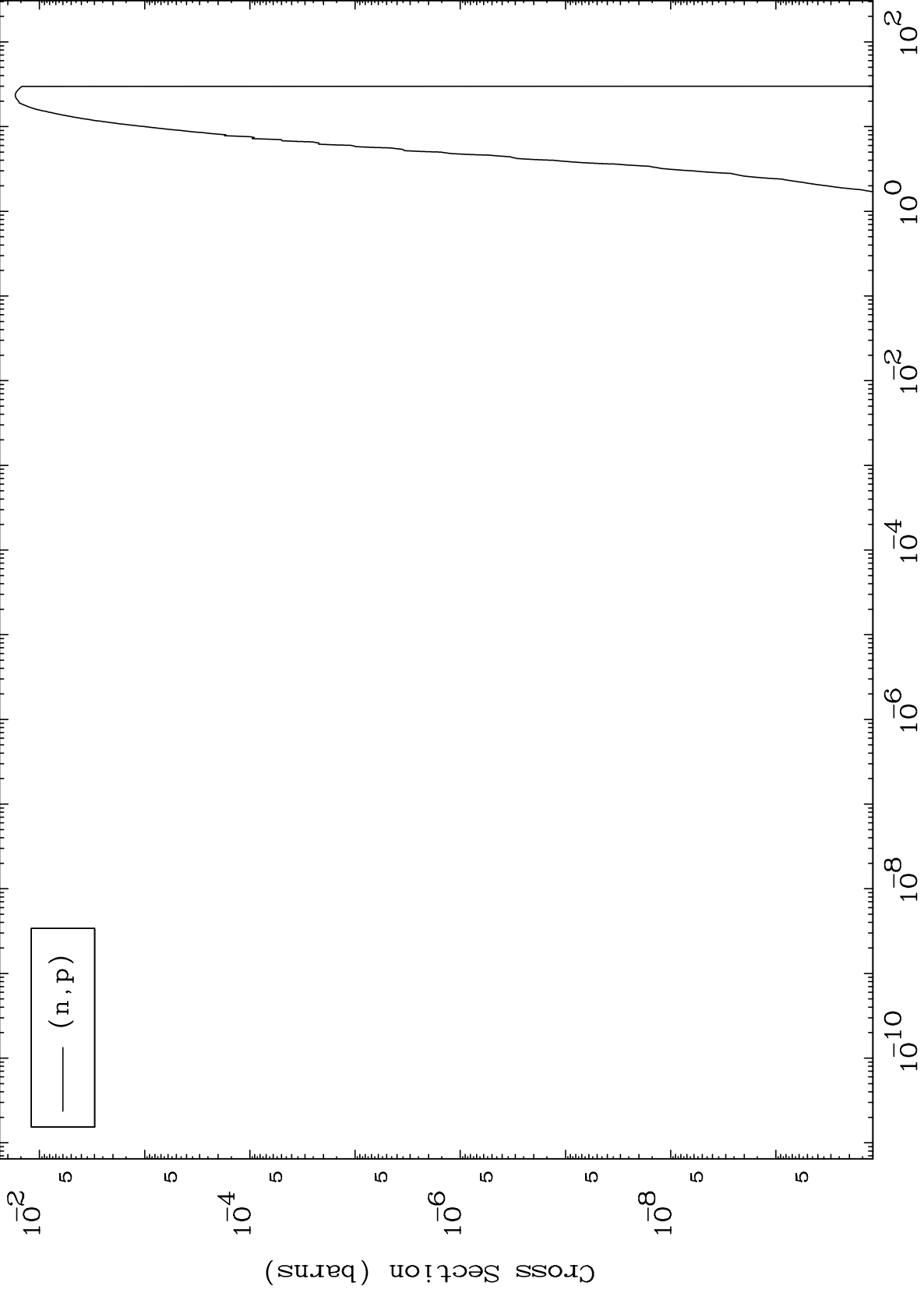
293 Kelvin Cross Sections



MAT 9743

(n,p) Levels  
293 Kelvin Cross Sections

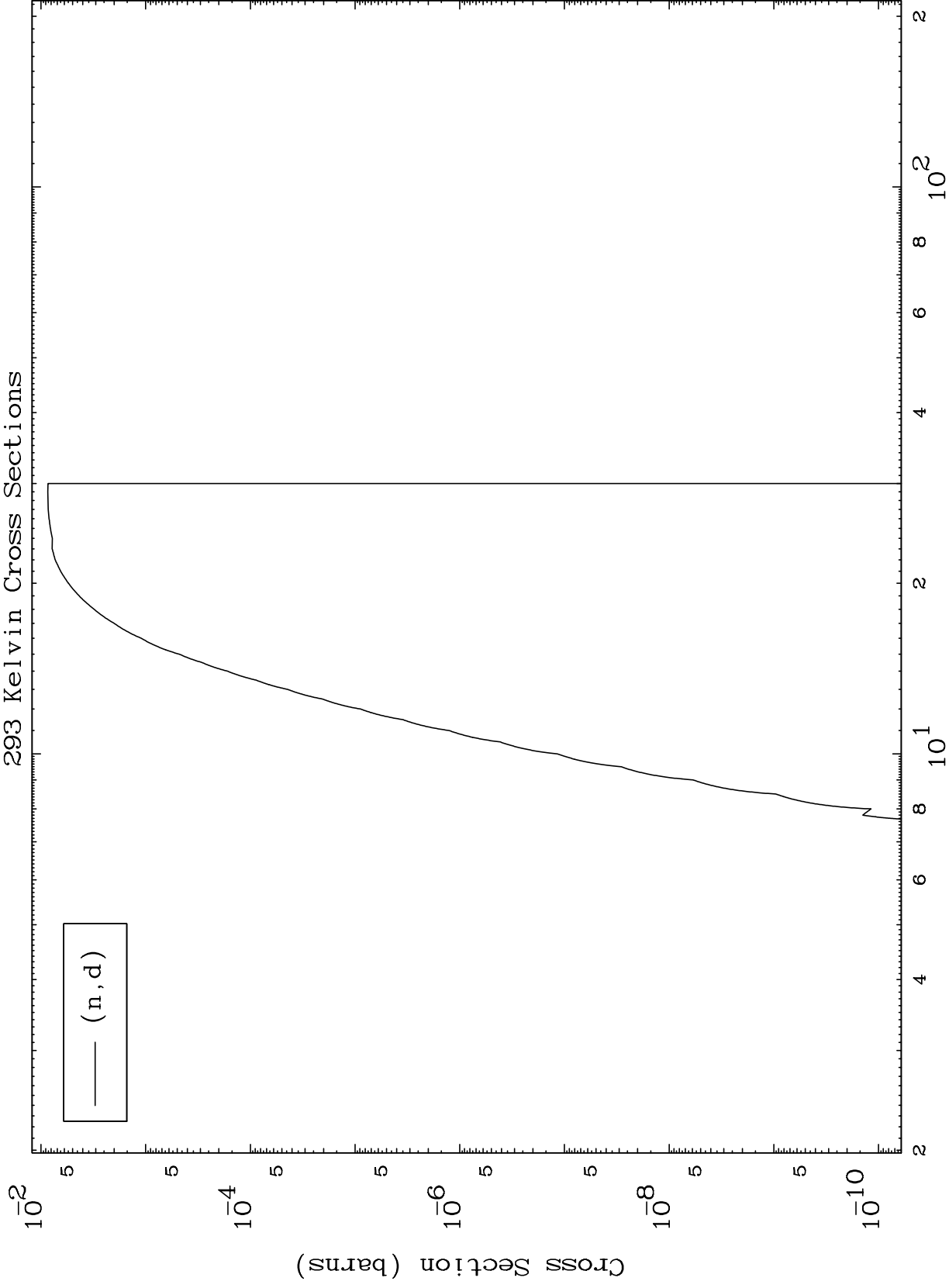
97-Bk-246



MAT 9743

(n,d) Levels  
293 Kelvin Cross Sections

97-Bk-246



15

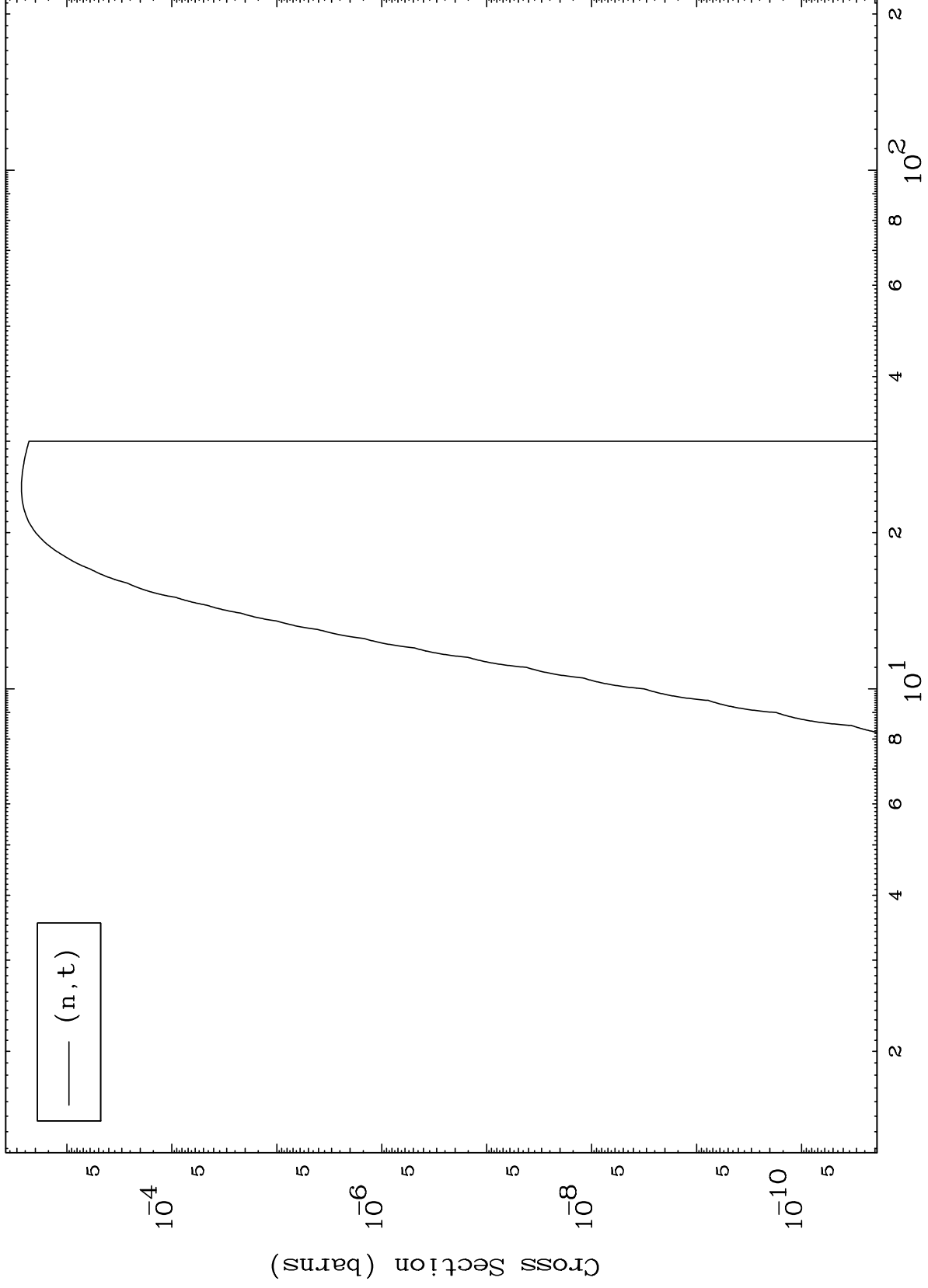
Incident Energy (MeV)

97-Bk-246

MAT 9743

(n, t) Levels  
293 Kelvin Cross Sections

97-Bk-246



16

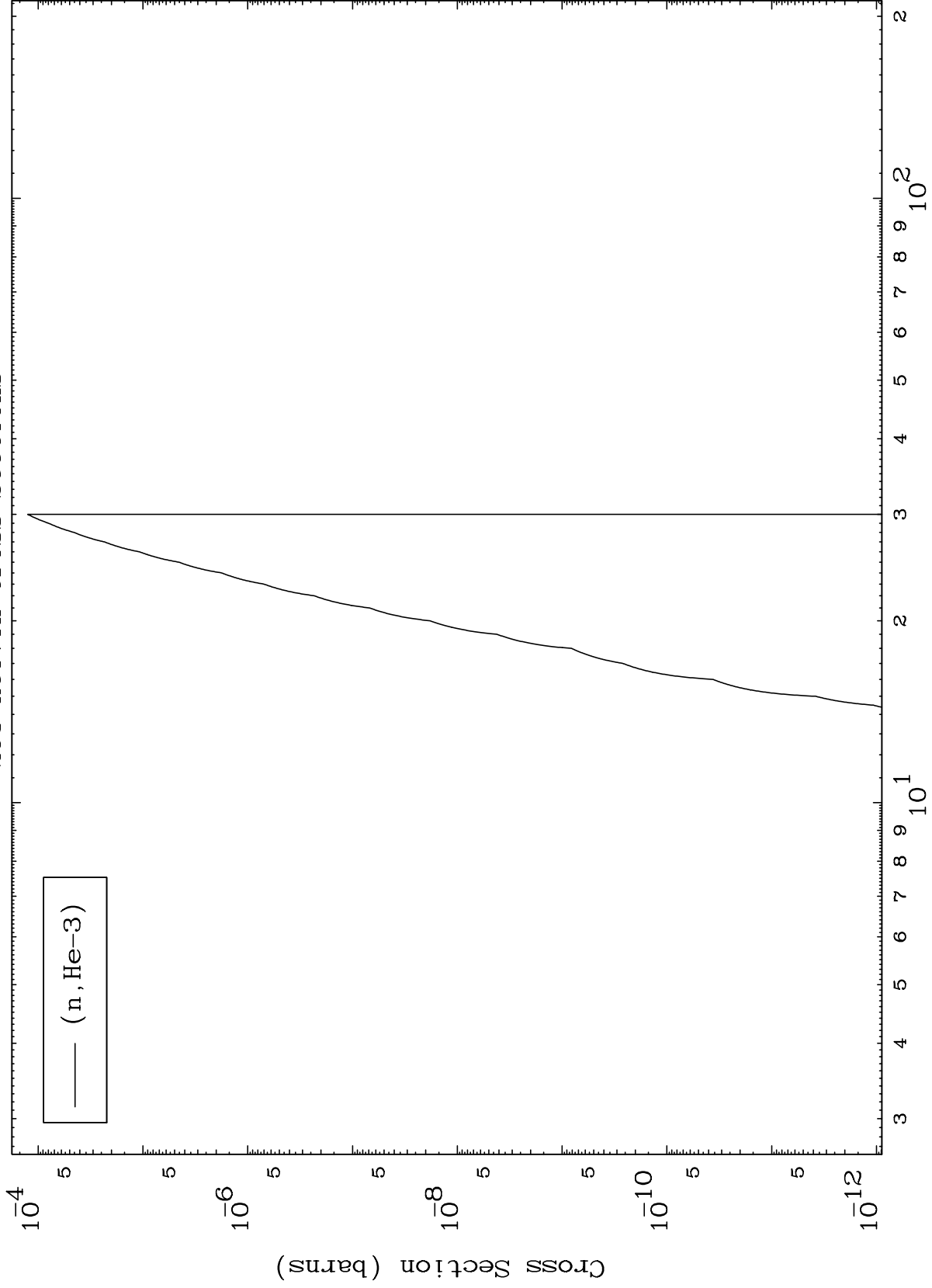
Incident Energy (MeV)

97-Bk-246

MAT 9743

(n,He3) Levels  
293 Kelvin Cross Sections

97-Bk-246



17

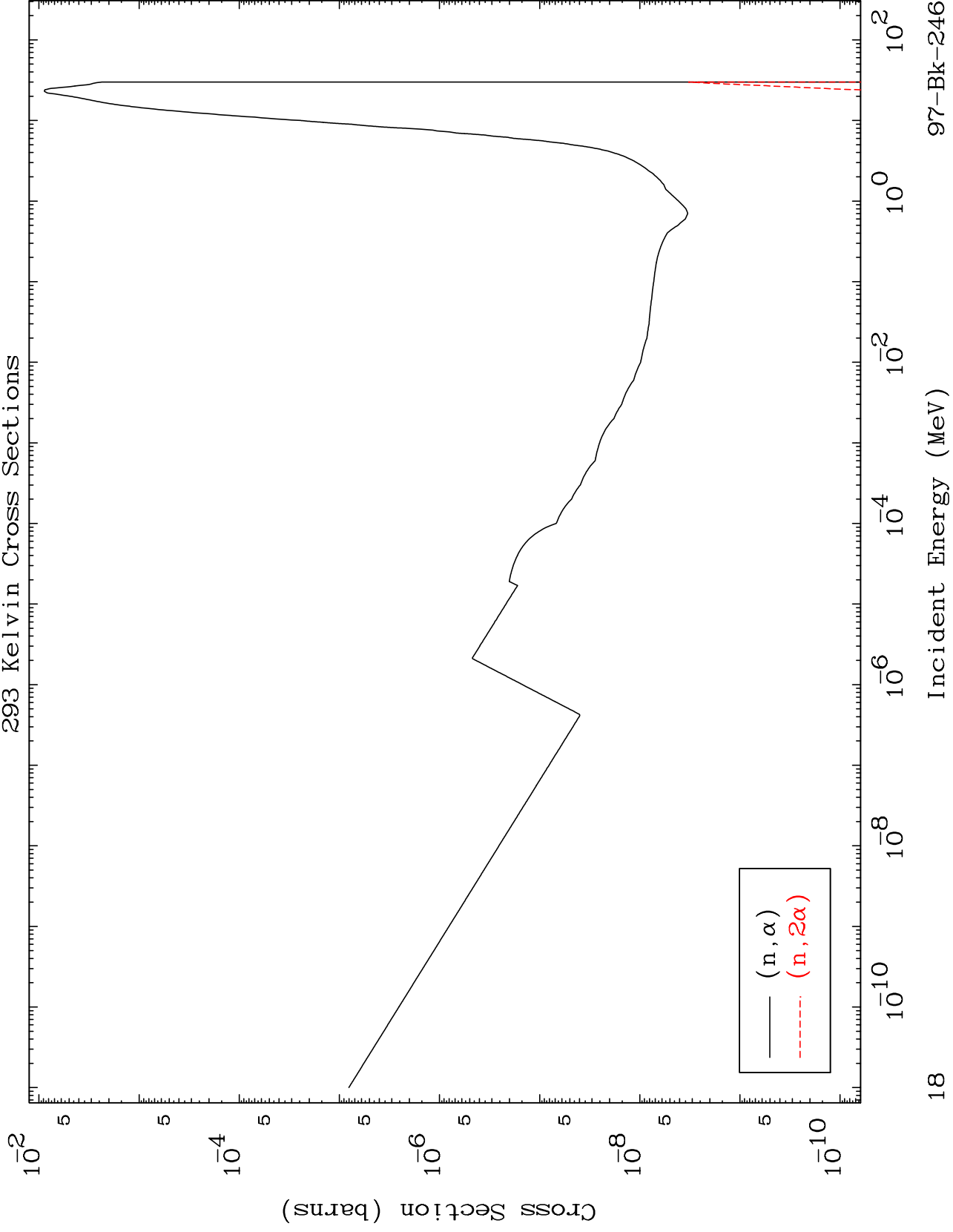
Incident Energy (MeV)

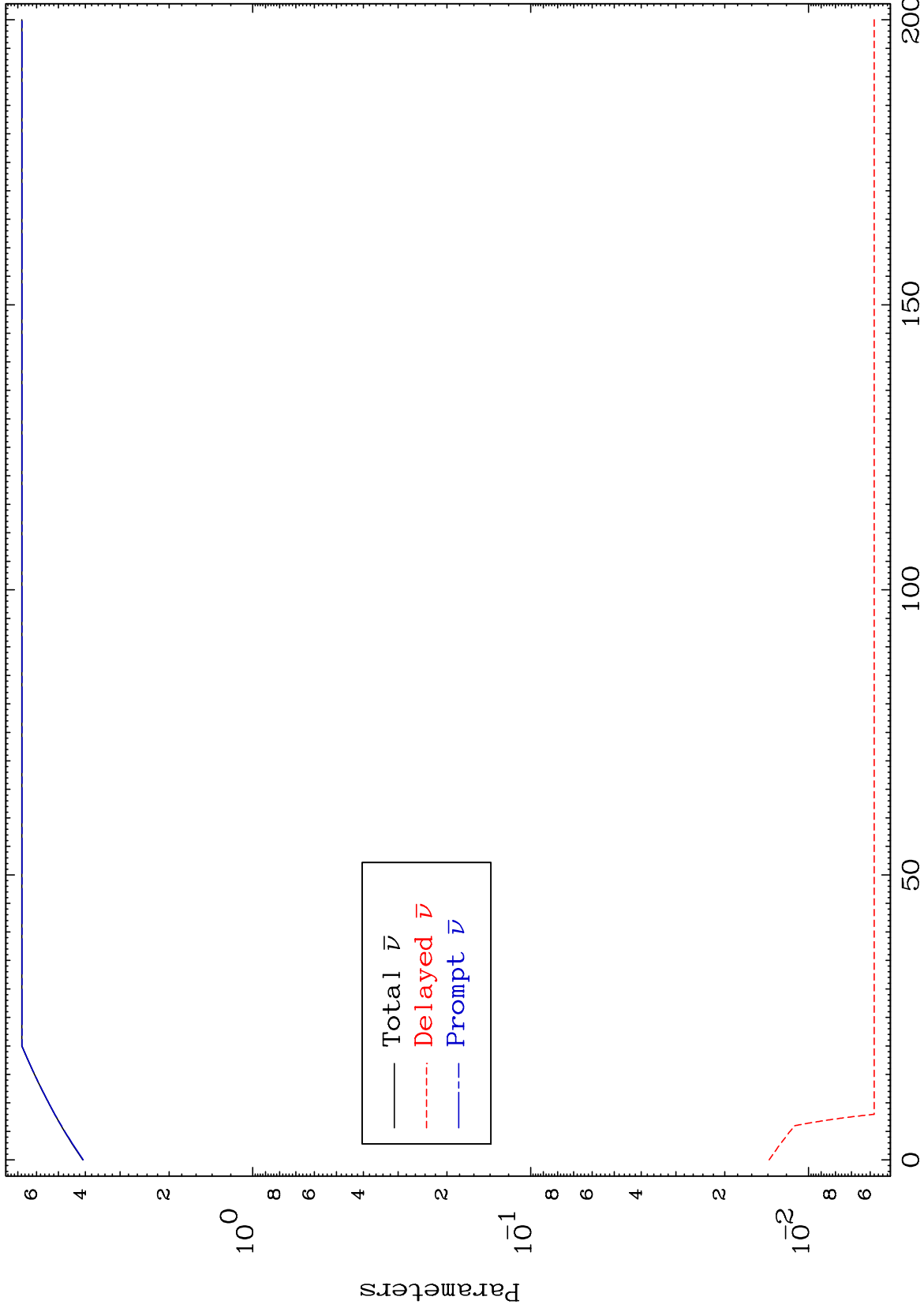
97-Bk-246

MAT 9743

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

97-Bk-246

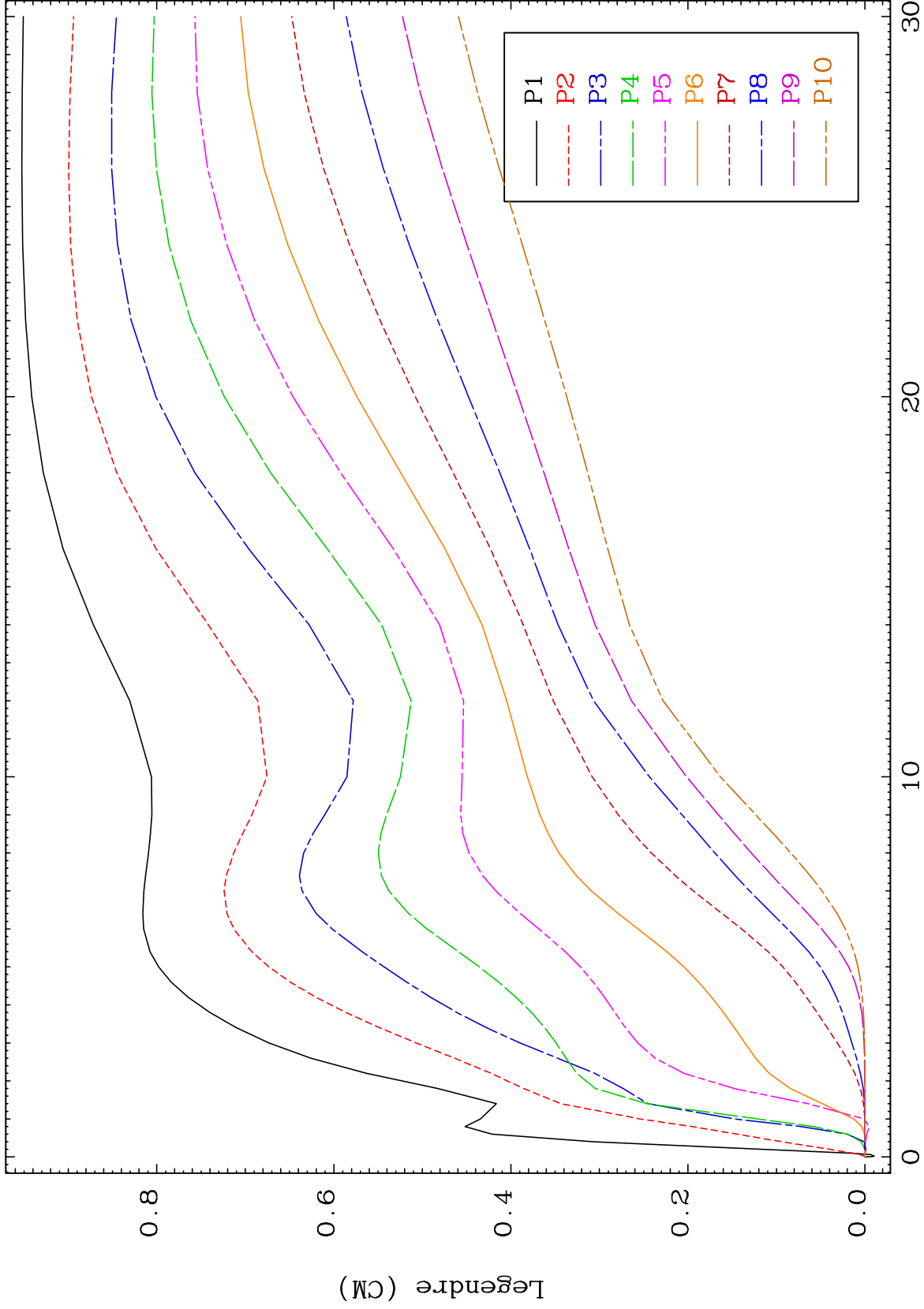




MAT 9743

Elastic Legendre Coefficients

97-Bk-246



97-Bk-246

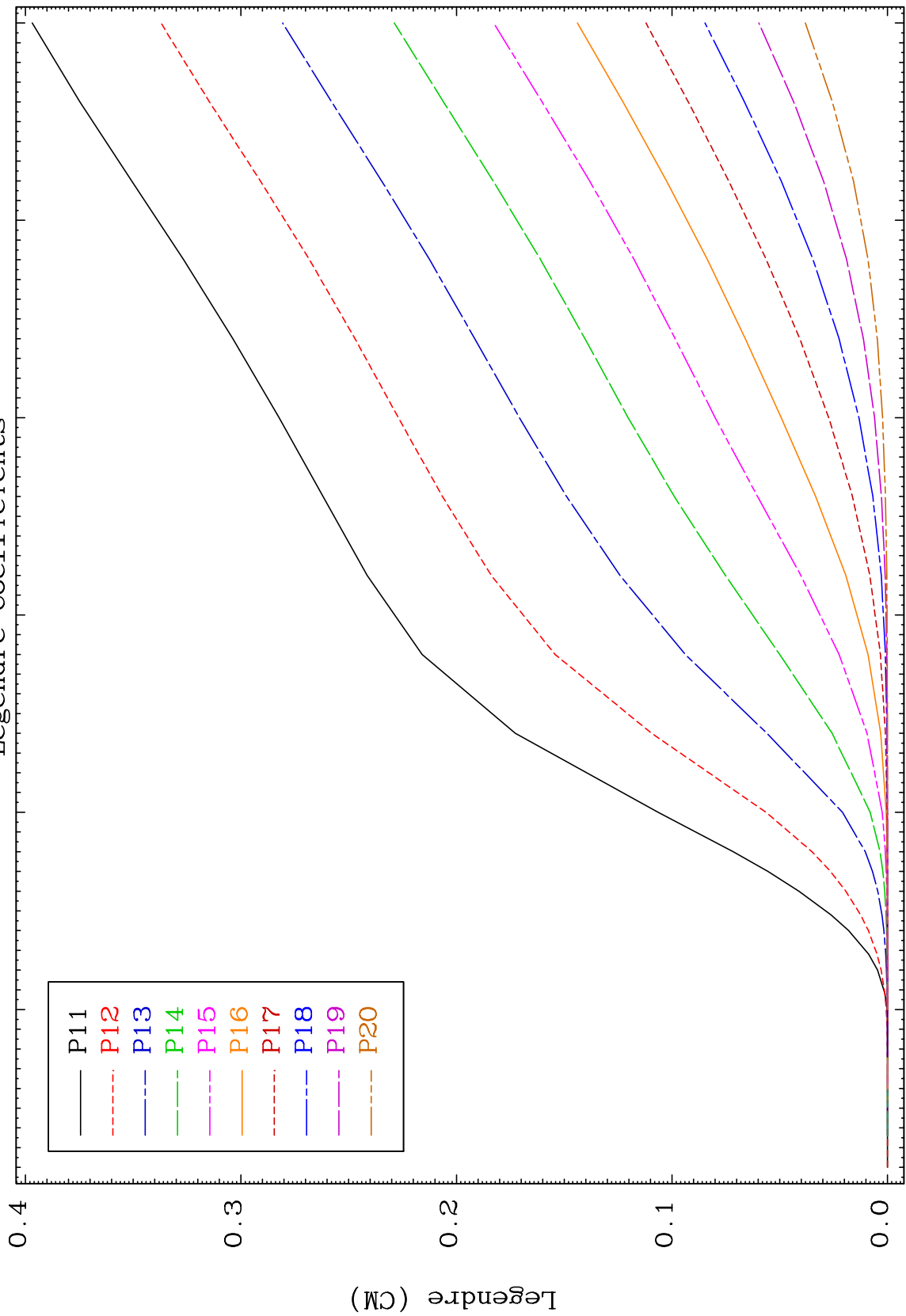
Incident Energy (MeV)

20

MAT 9743

Elastic Legendre Coefficients

97-Bk-246



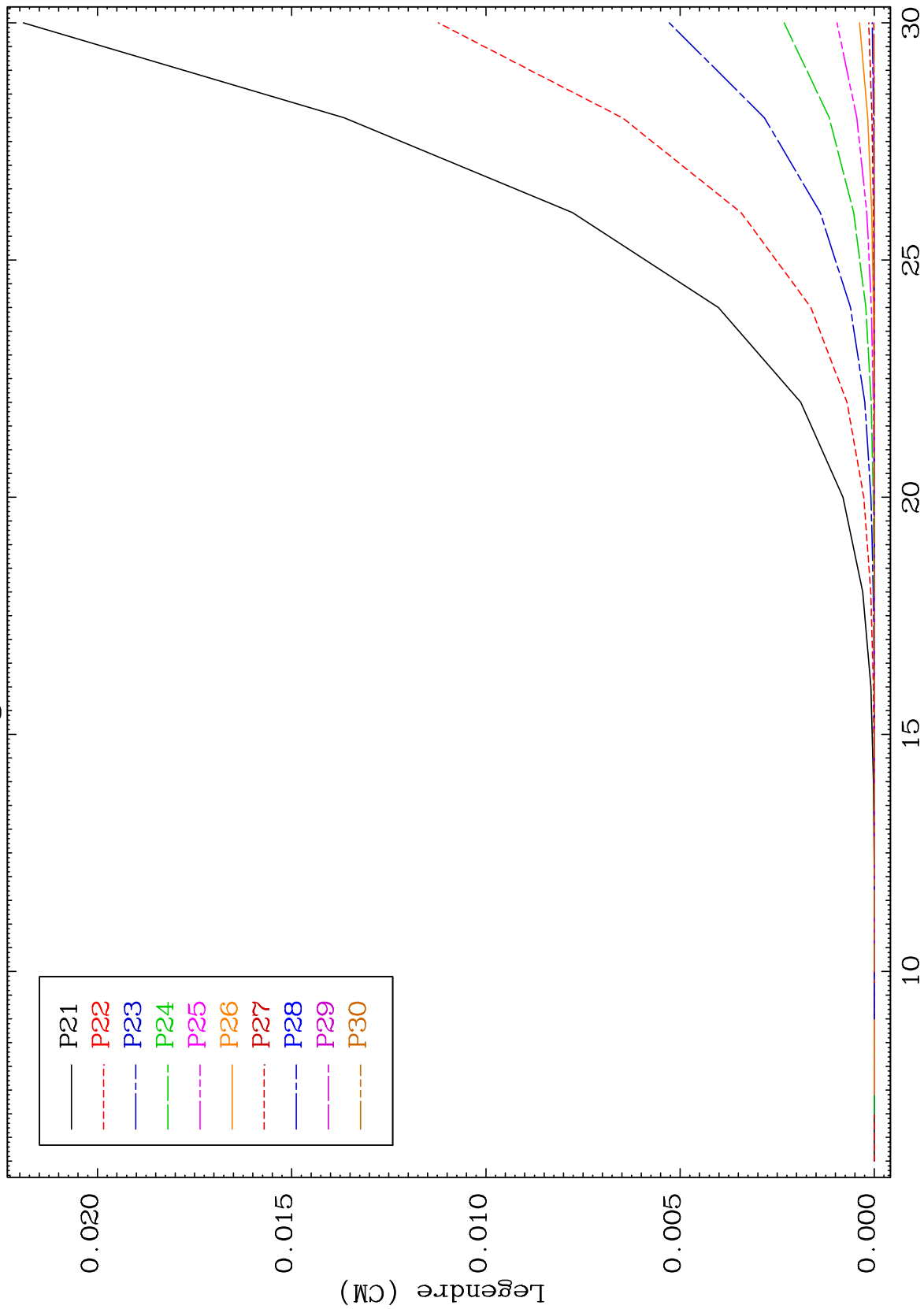
21

97-Bk-246

MAT 9743

### Elastic Legendre Coefficients

97-Bk-246



22

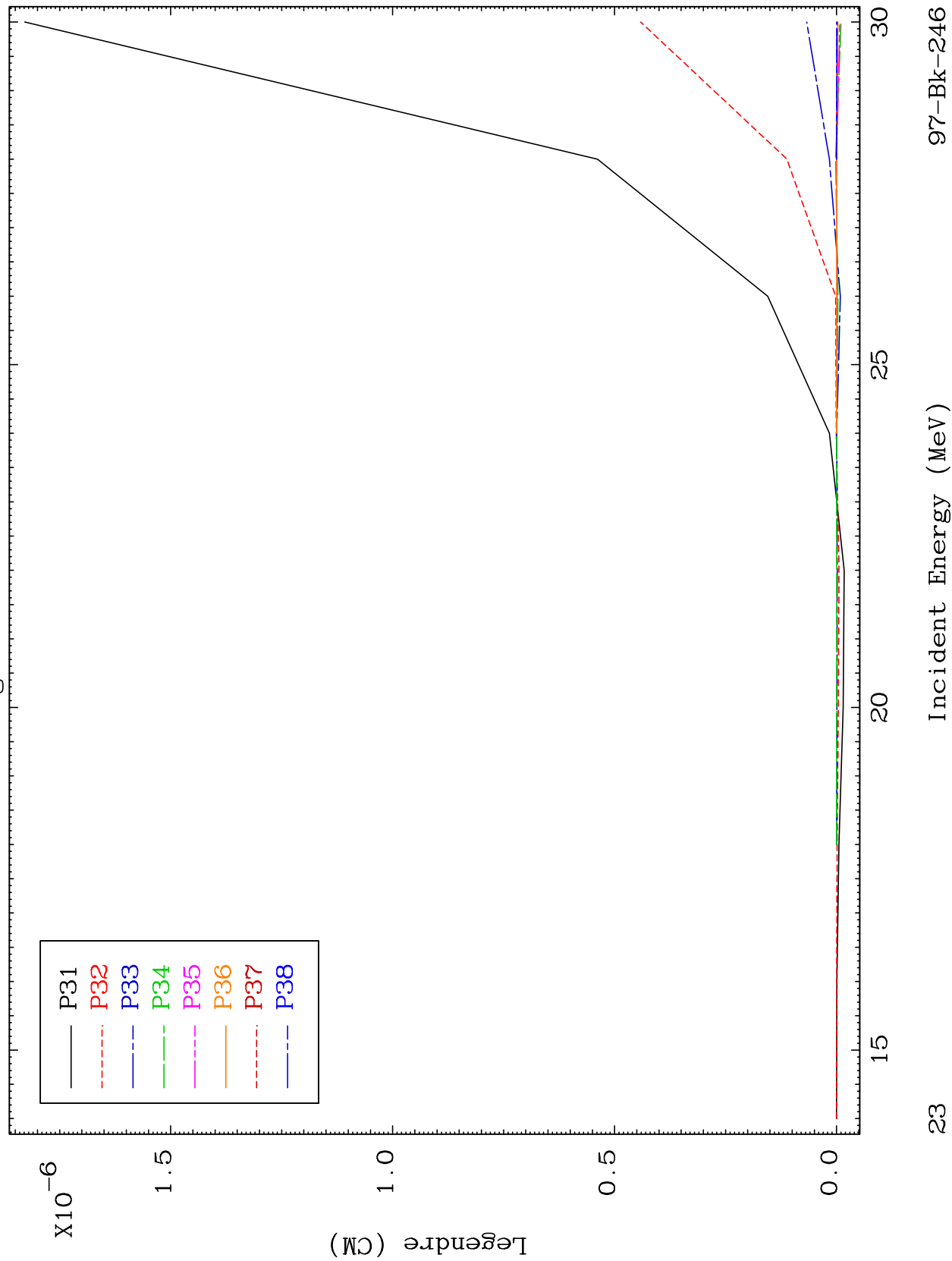
97-Bk-246

Incident Energy (MeV)

MAT 9743

Elastic Legendre Coefficients

97-Bk-246



23

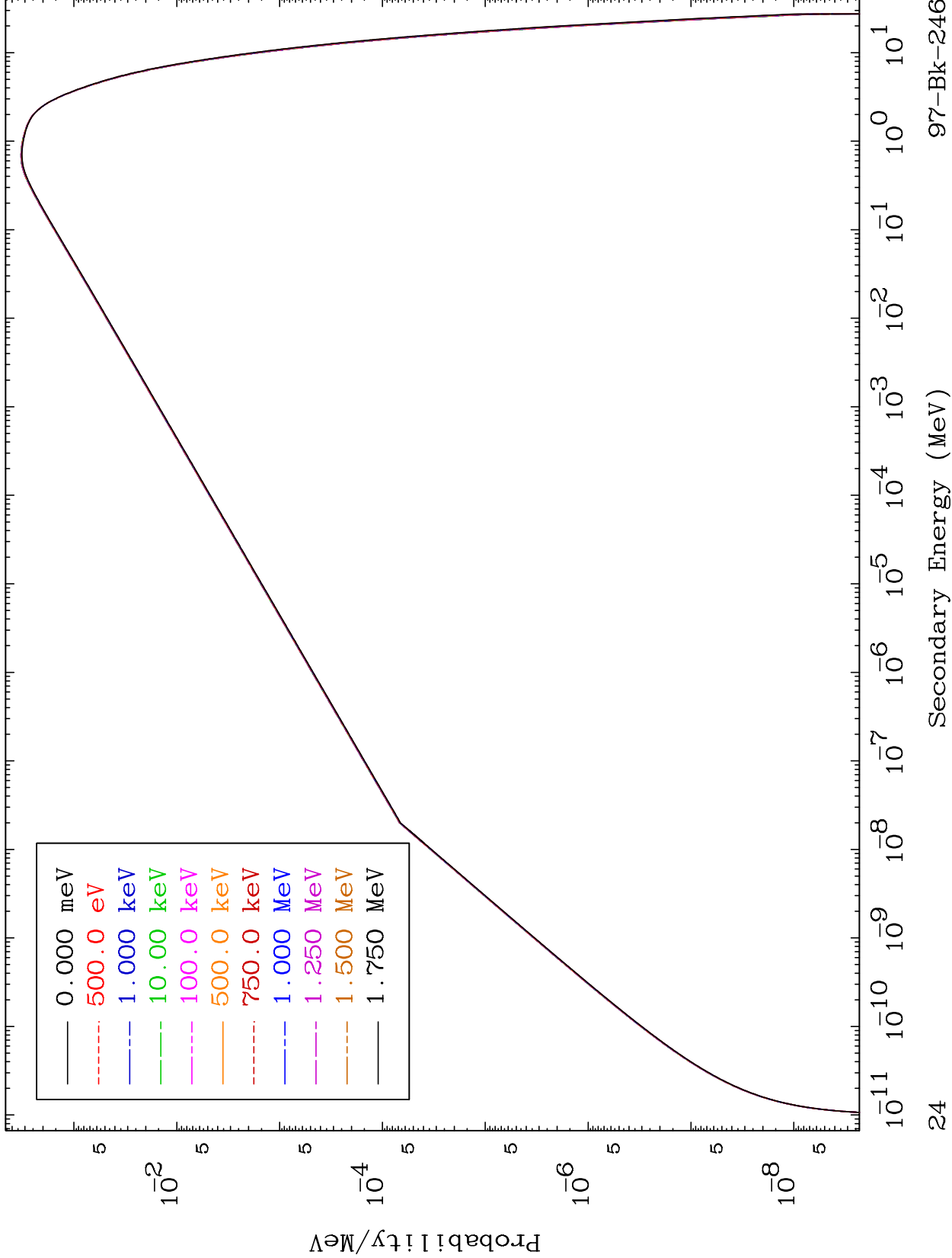
Incident Energy (MeV)

97-Bk-246

MAT 9743

### Fission Energy Distributions

97-Bk-246

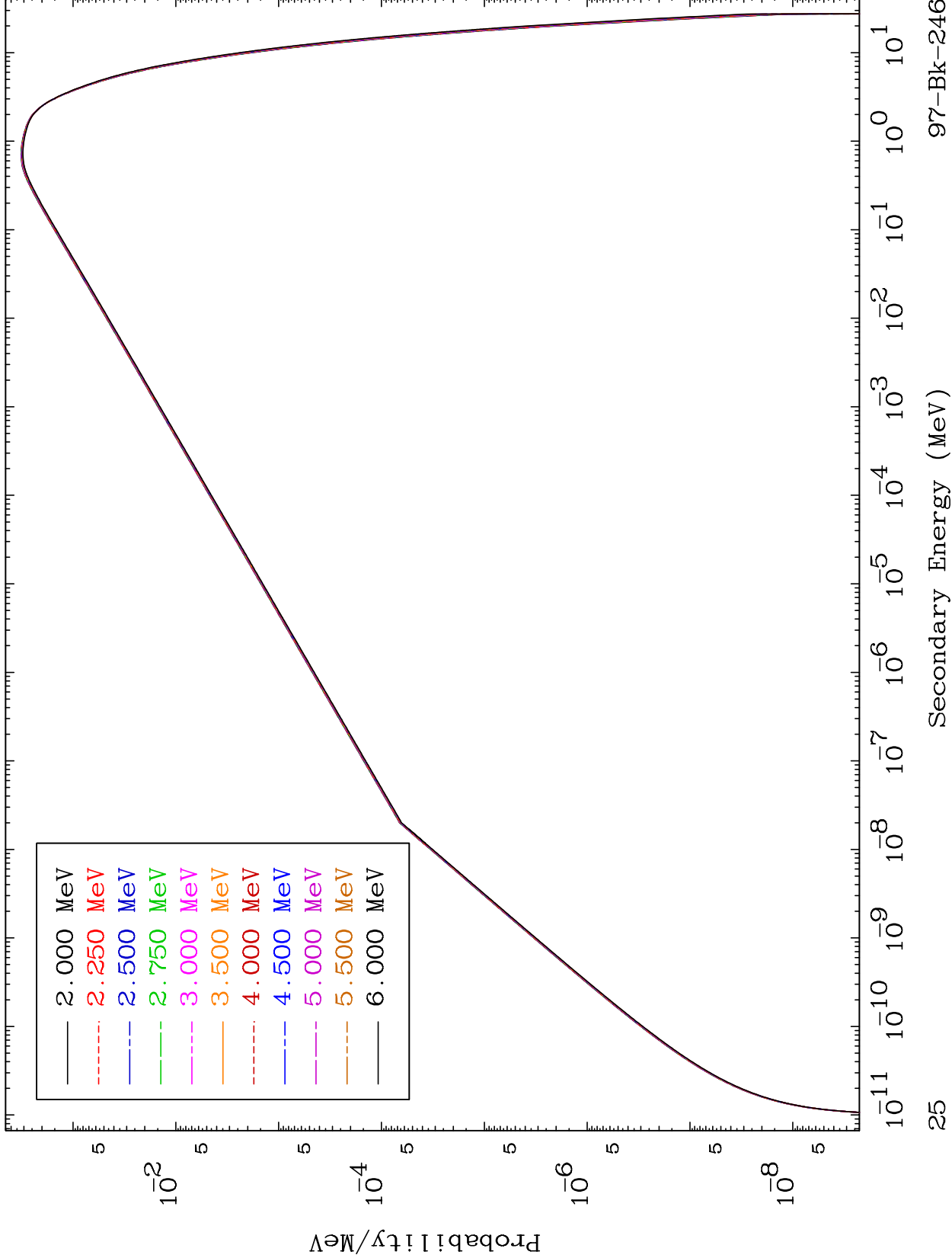


97-Bk-246

Secondary Energy (MeV)

24

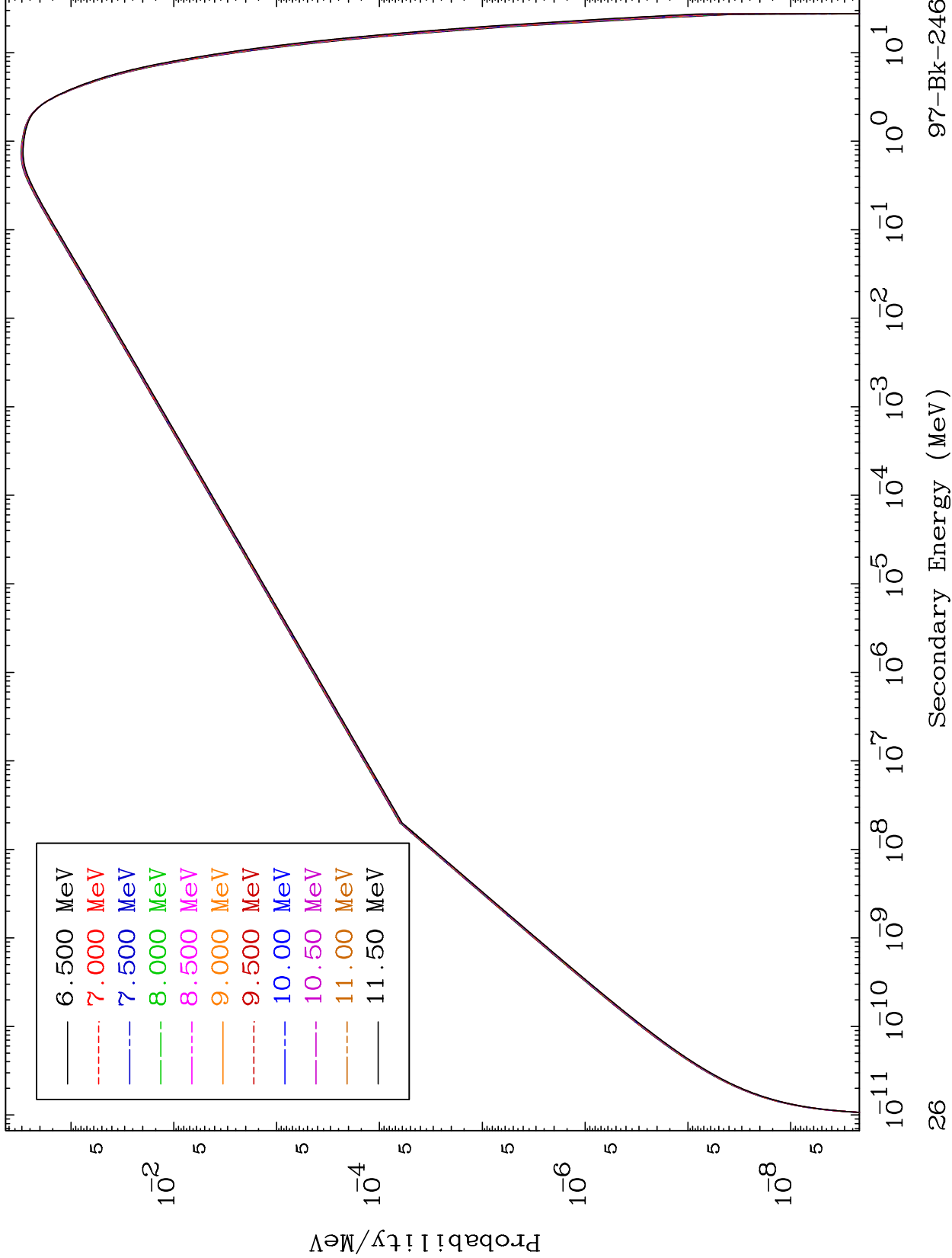
Fission Energy Distributions



MAT 9743

### Fission Energy Distributions

97-Bk-246



97-Bk-246

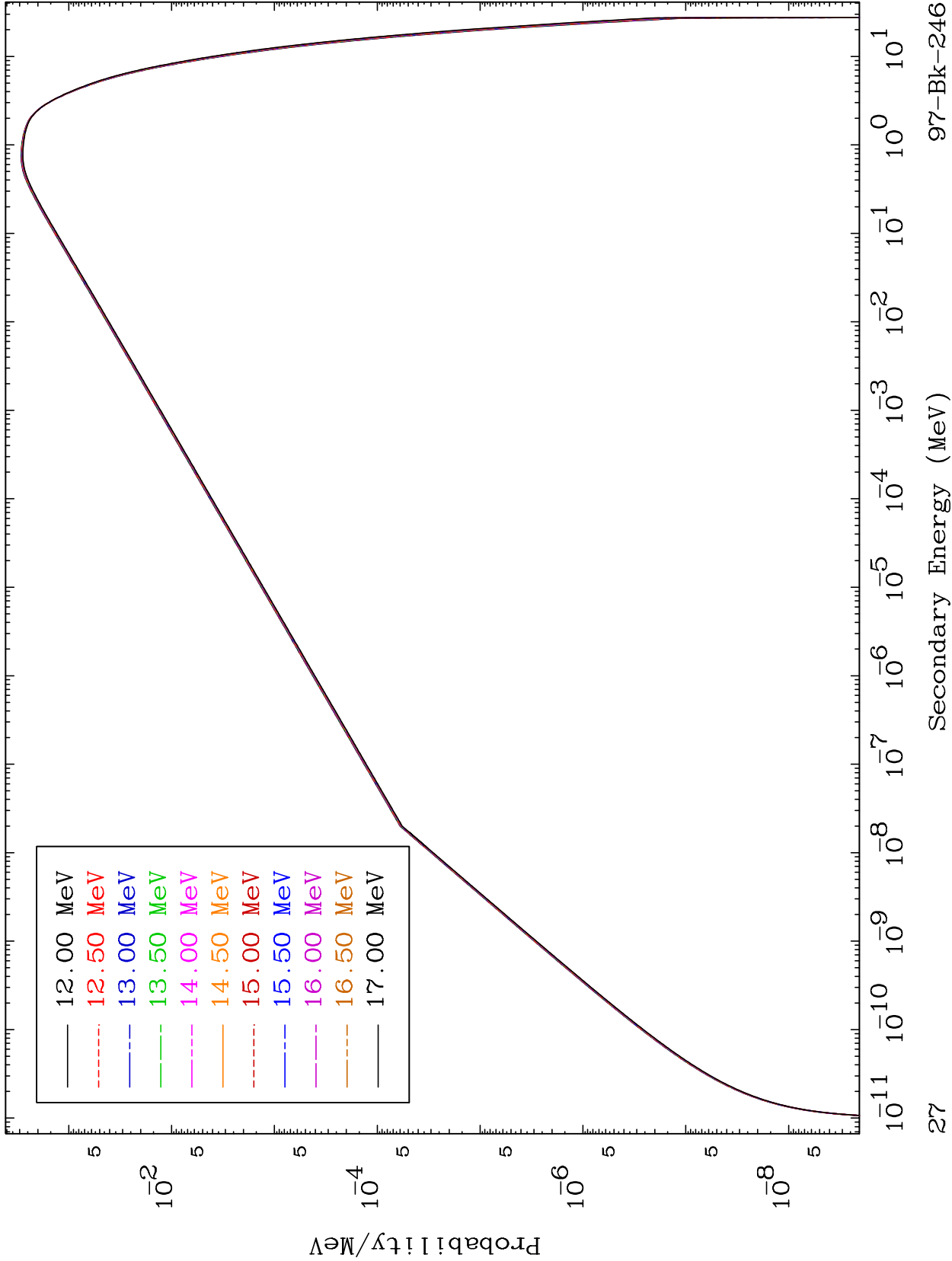
Secondary Energy (MeV)

26

MAT 9743

### Fission Energy Distributions

97-Bk-246



97-Bk-246

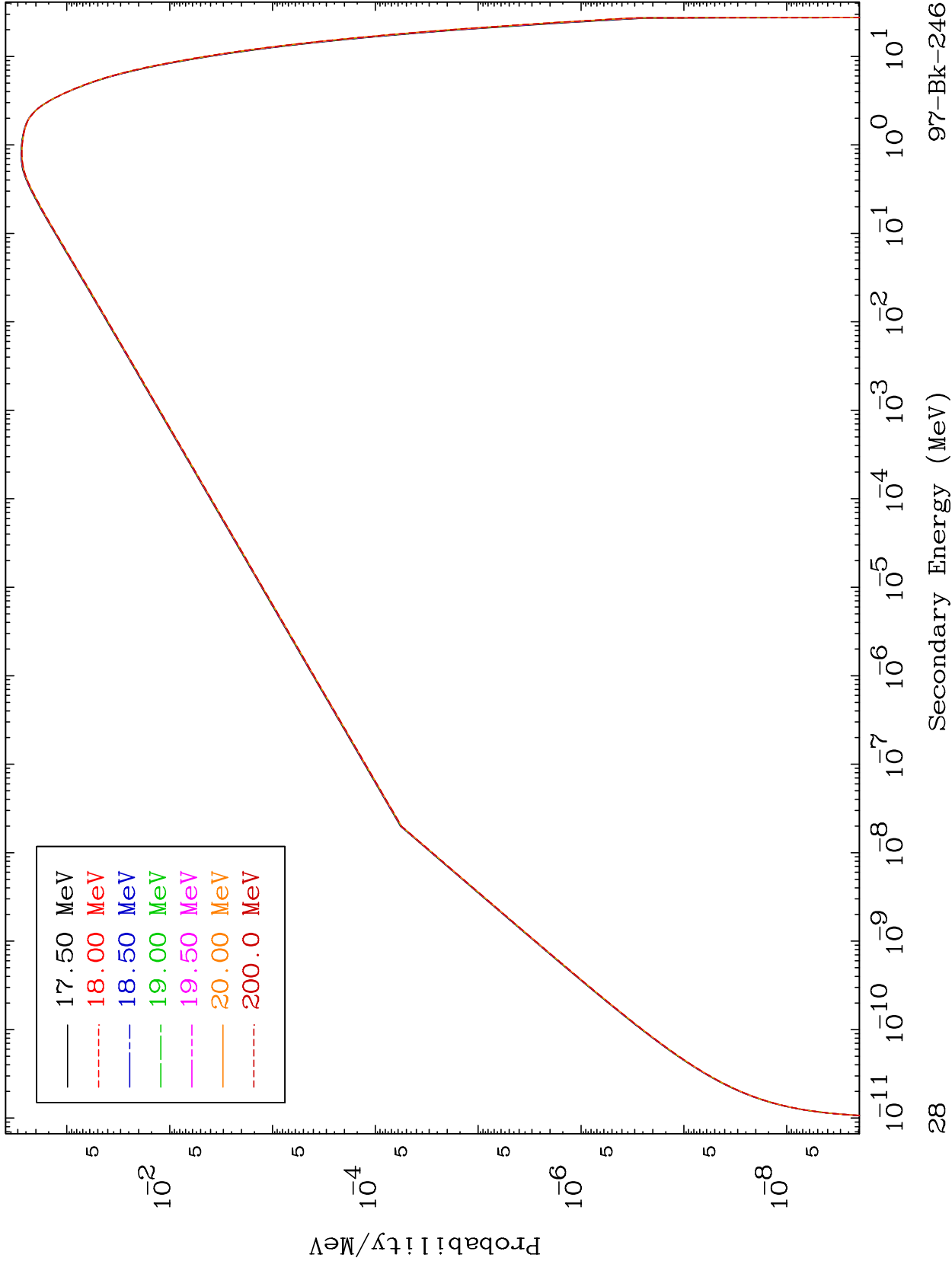
Secondary Energy (MeV)

27

MAT 9743

Fission Energy Distributions

97-Bk-246

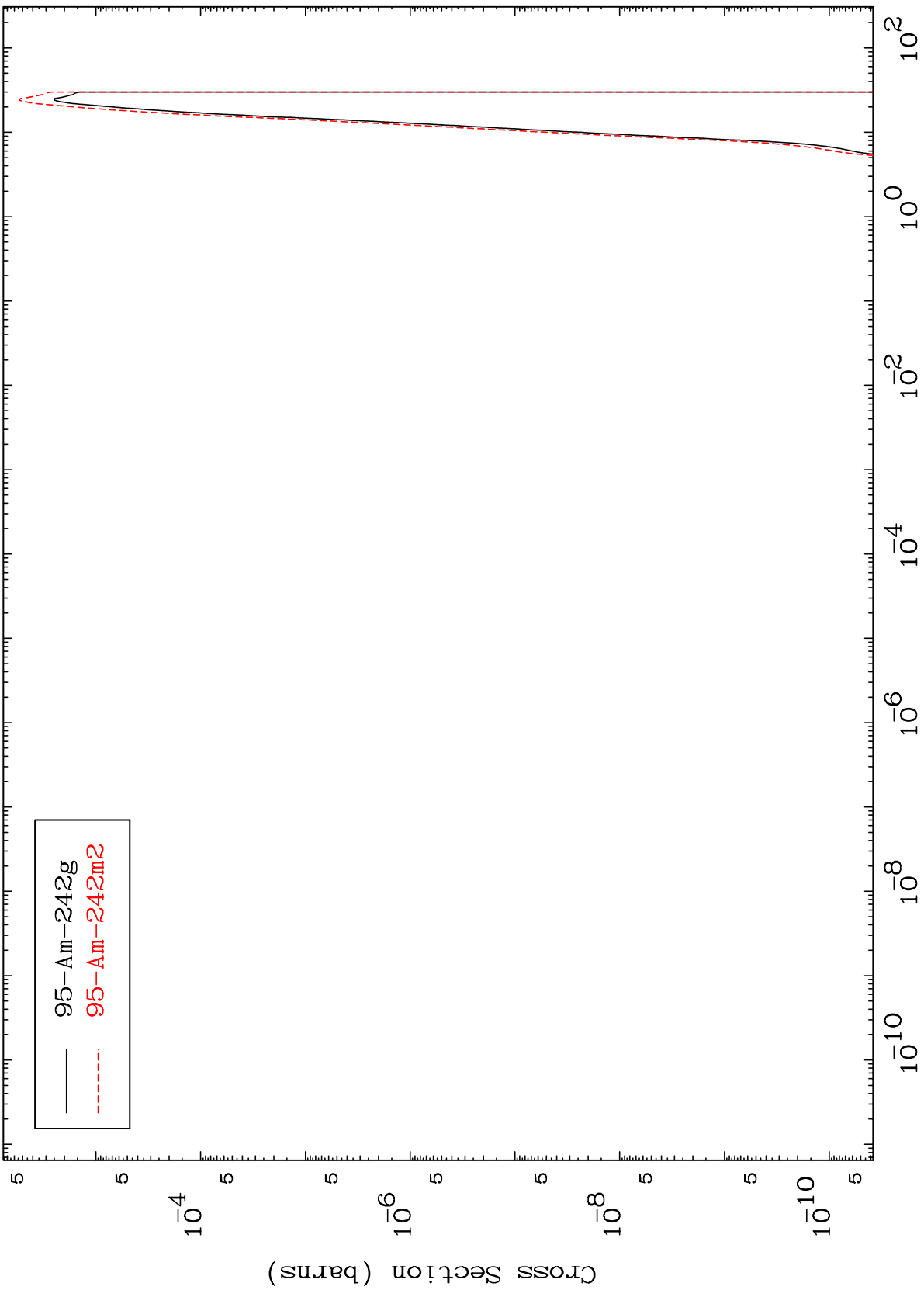


MAT 9743

(n,n')  $\alpha$

97-Bk-246

Radionuclide Production Cross Section



95-Am-242g  
95-Am-242m2

Incident Energy (MeV)

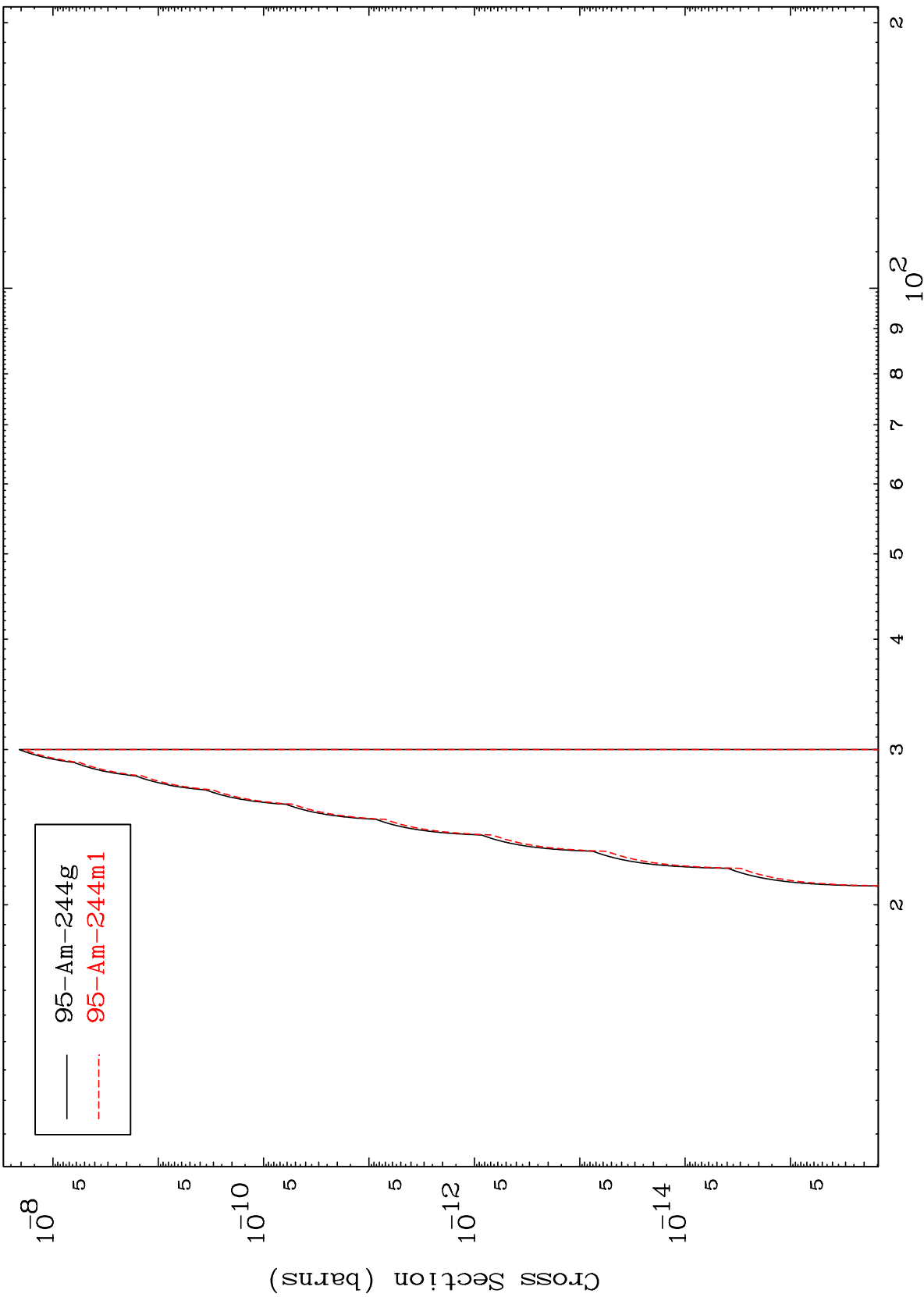
97-Bk-246

MAT 9743

(n,2n) p

97-Bk-246

Radionuclide Production Cross Section

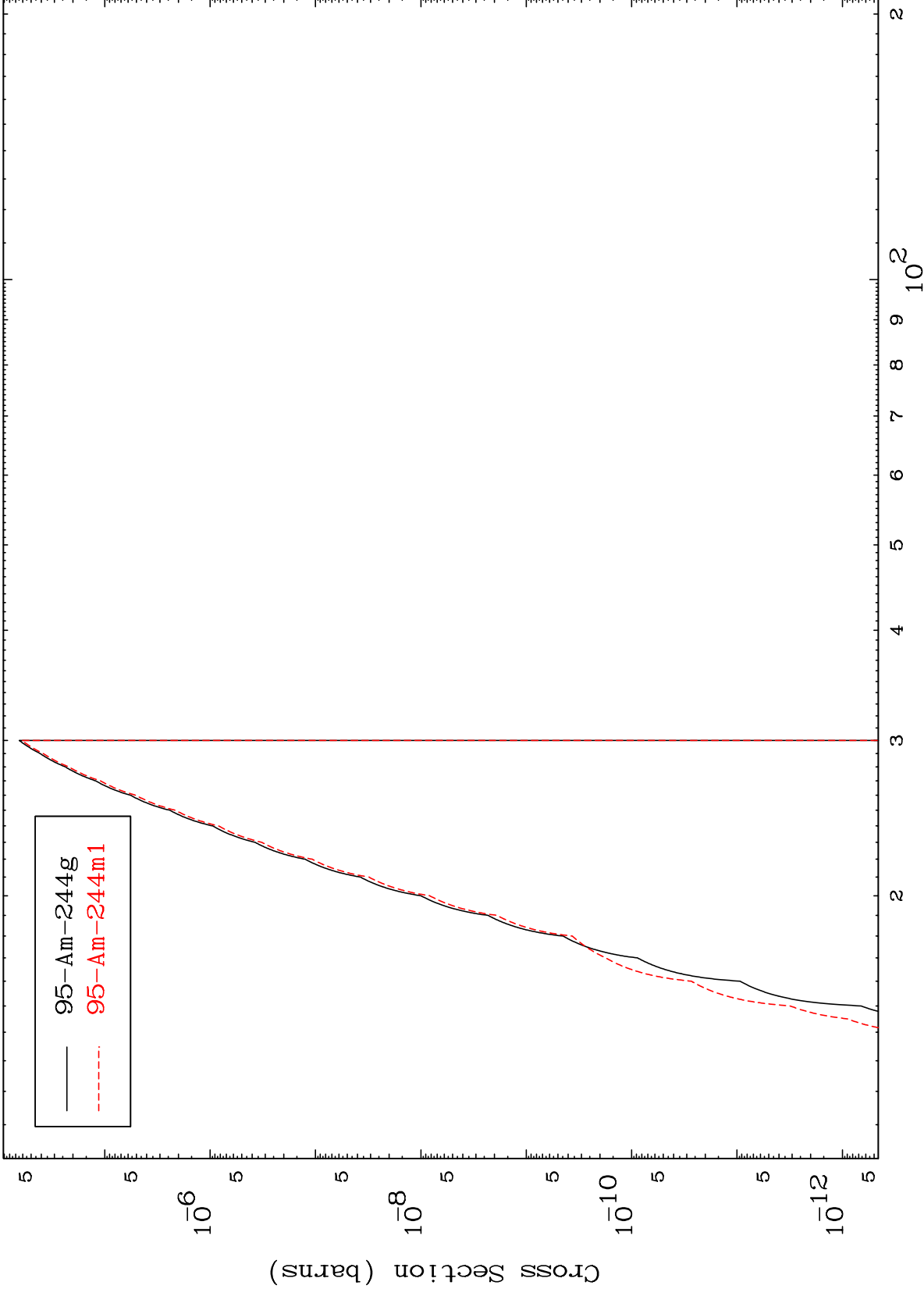


MAT 9743

(n,He-3)

97-Bk-246

Radionuclide Production Cross Section



31

Incident Energy (MeV)

97-Bk-246