

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

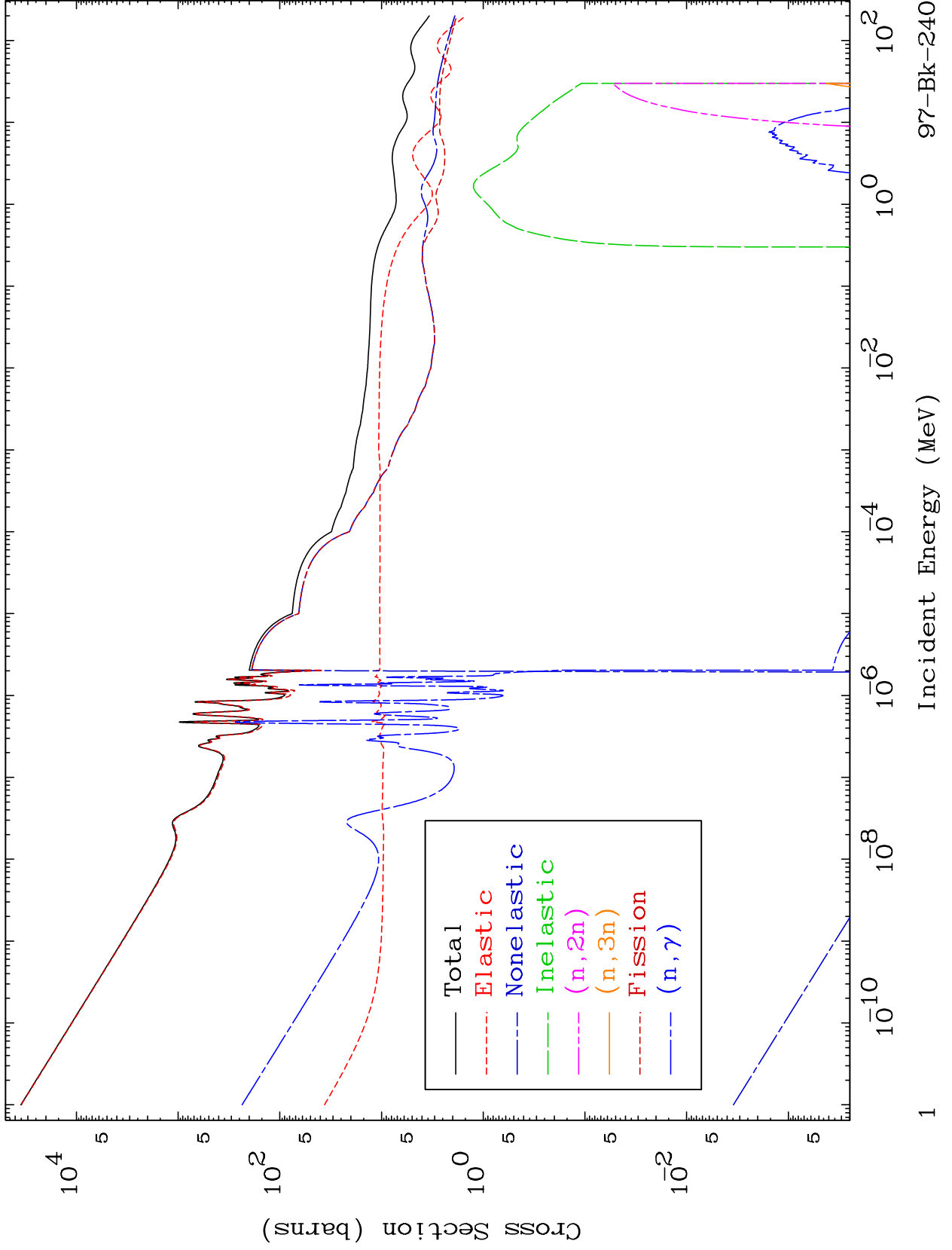
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9725

Neutron Major  
293 Kelvin Cross Sections

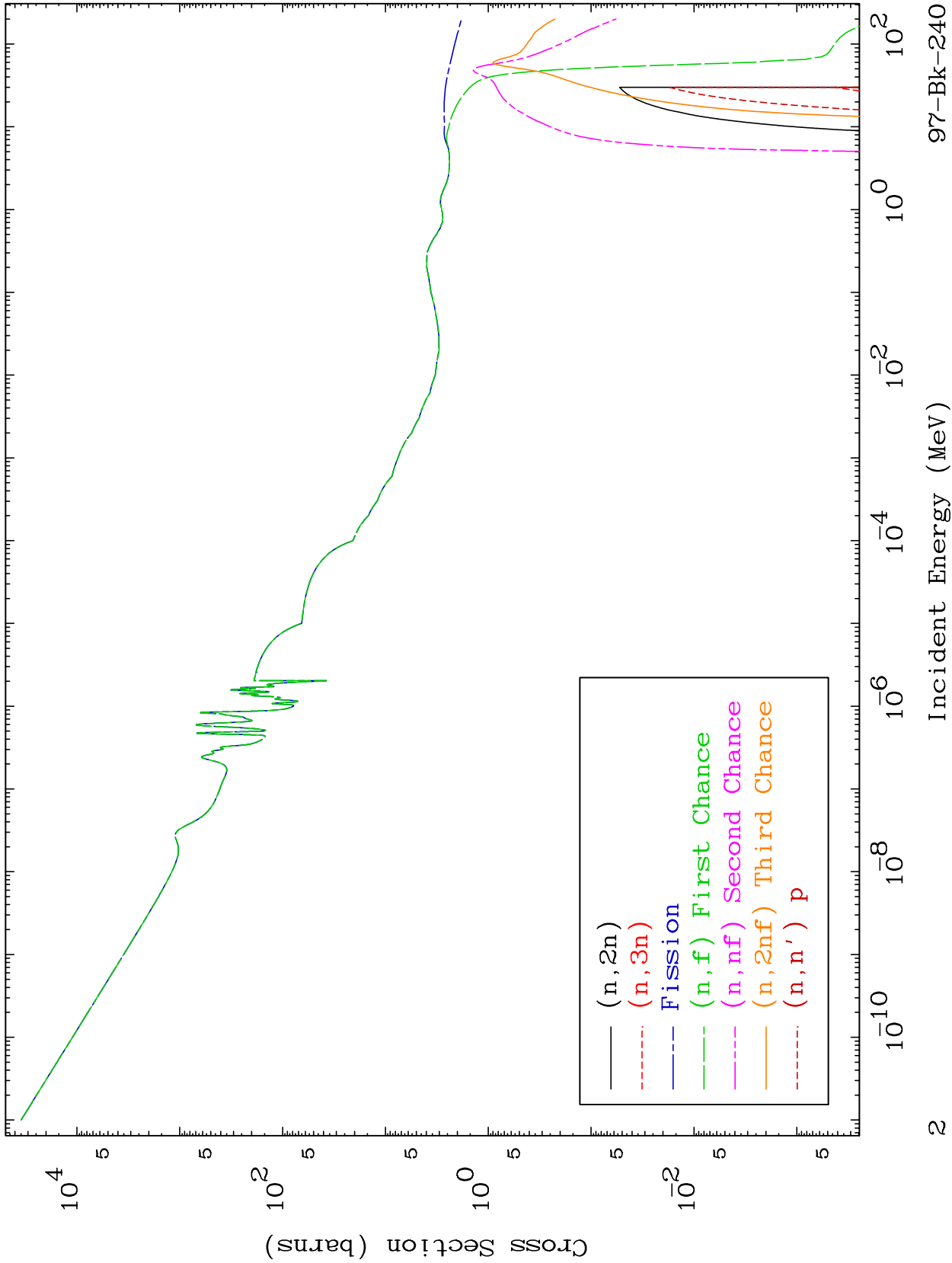
97-Bk-240

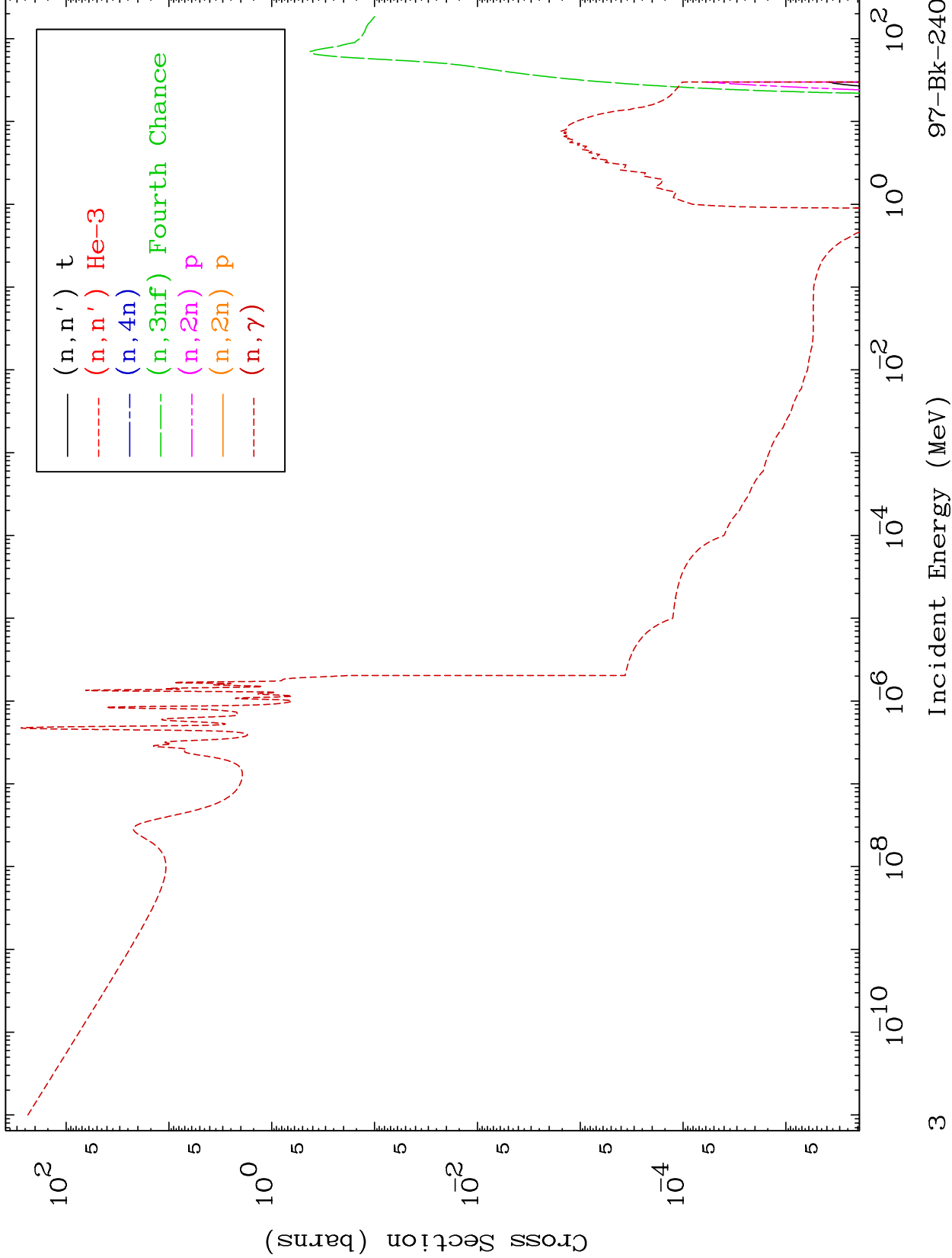


MAT 9725

Neutron Absorption  
293 Kelvin Cross Sections

97-Bk-240

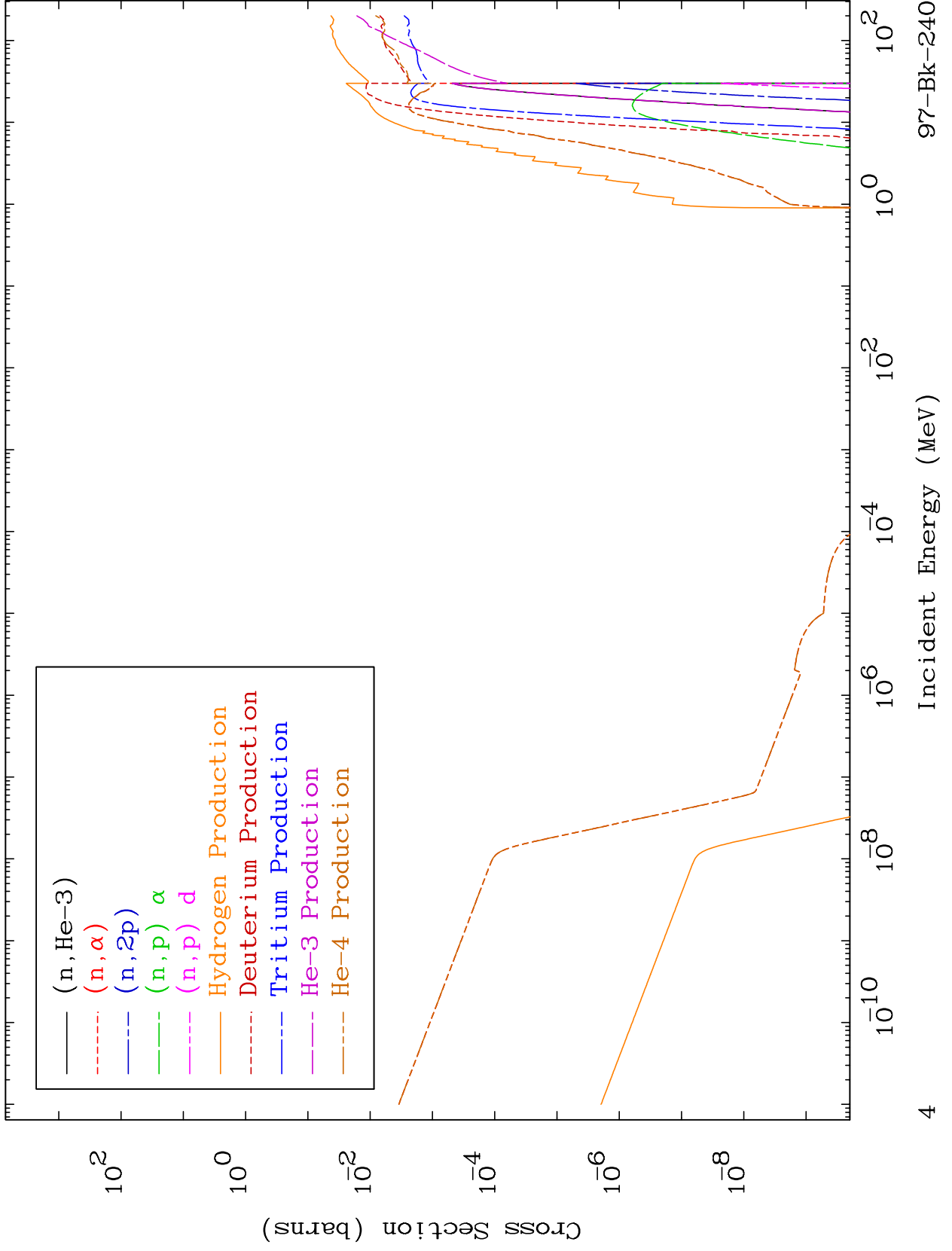




MAT 9725

Neutron Absorption  
293 Kelvin Cross Sections

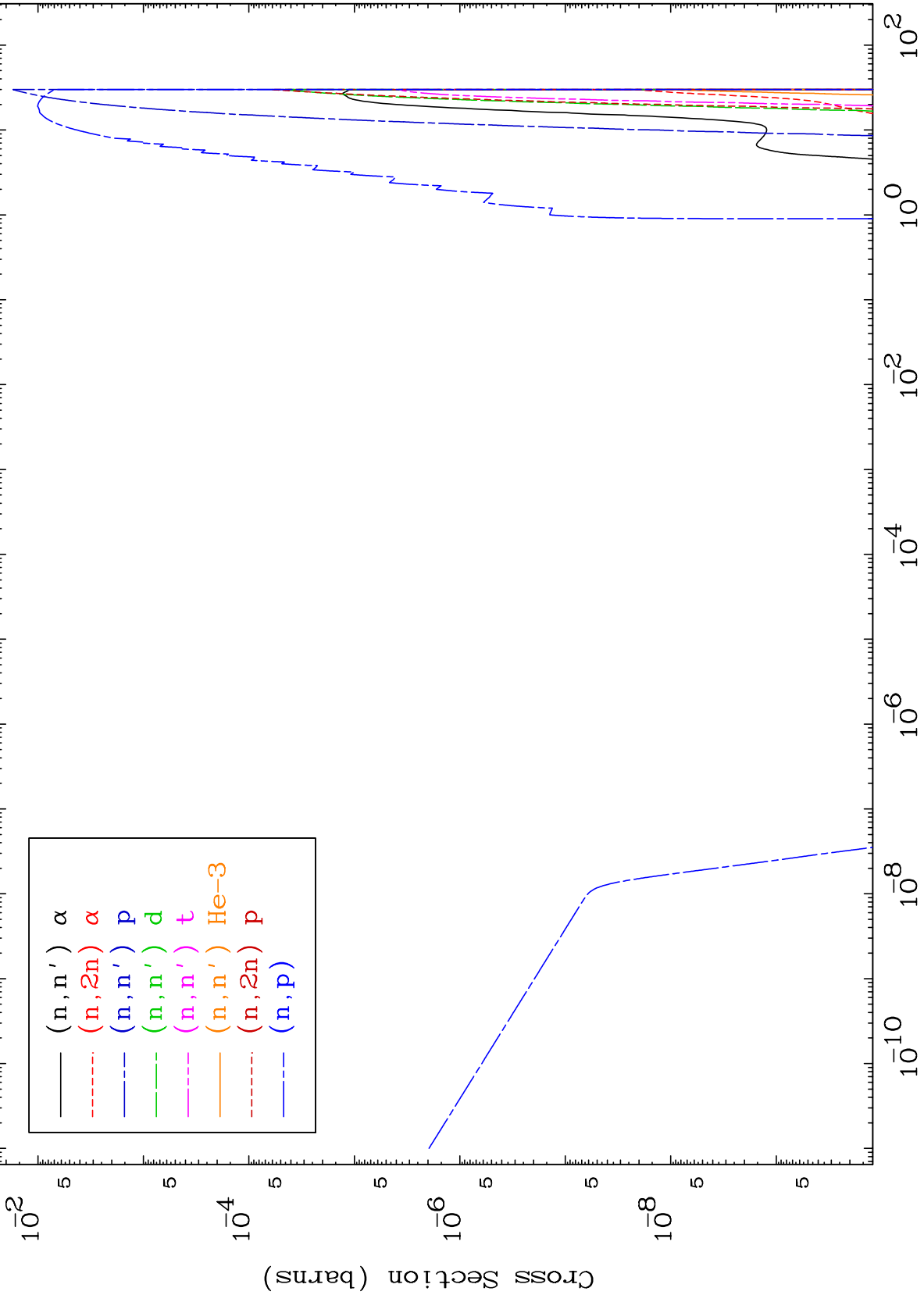
97-Bk-240



MAT 9725

Charged Particle  
293 Kelvin Cross Sections

97-Bk-240



5

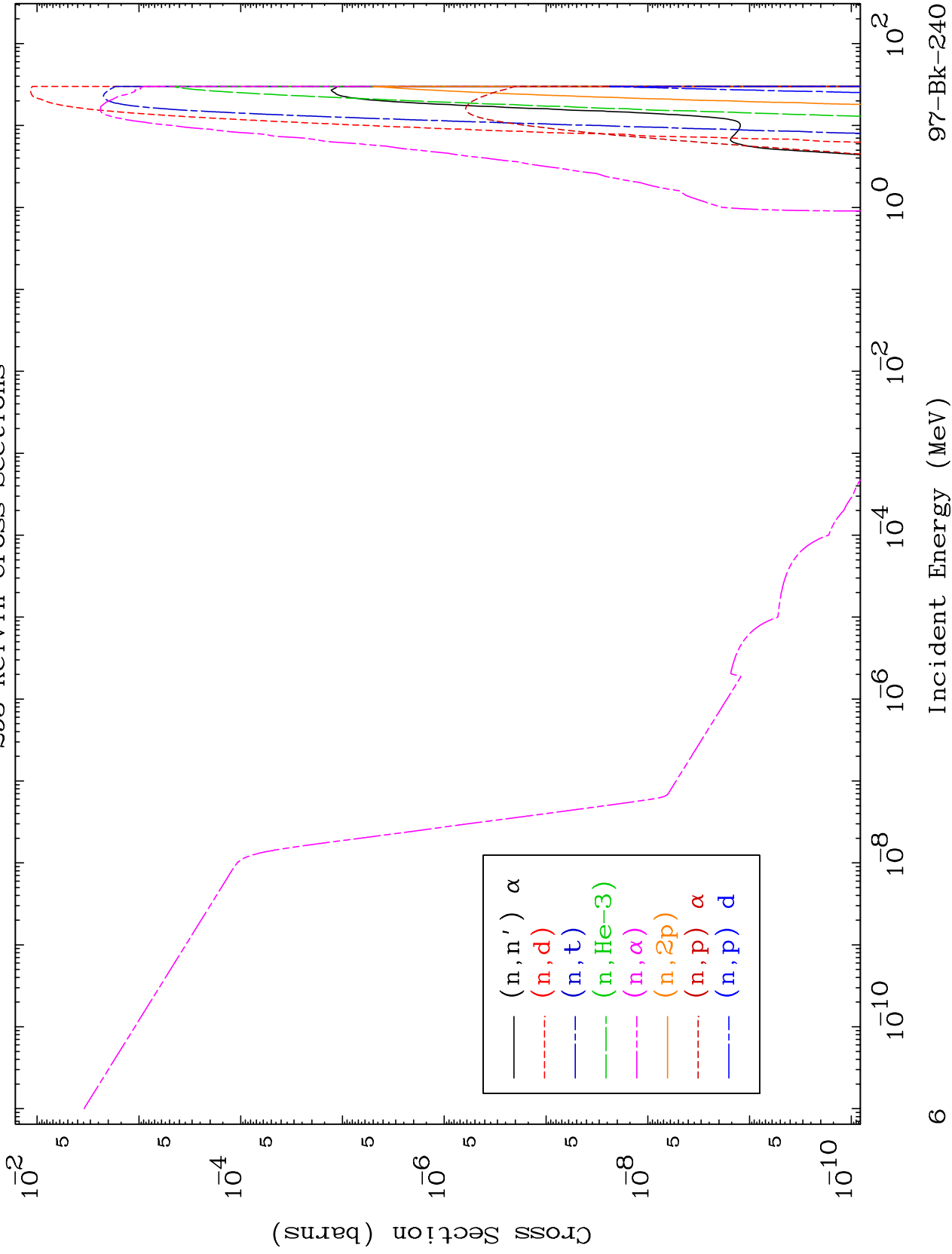
Incident Energy (MeV)

97-Bk-240

MAT 9725

Charged Particle  
293 Kelvin Cross Sections

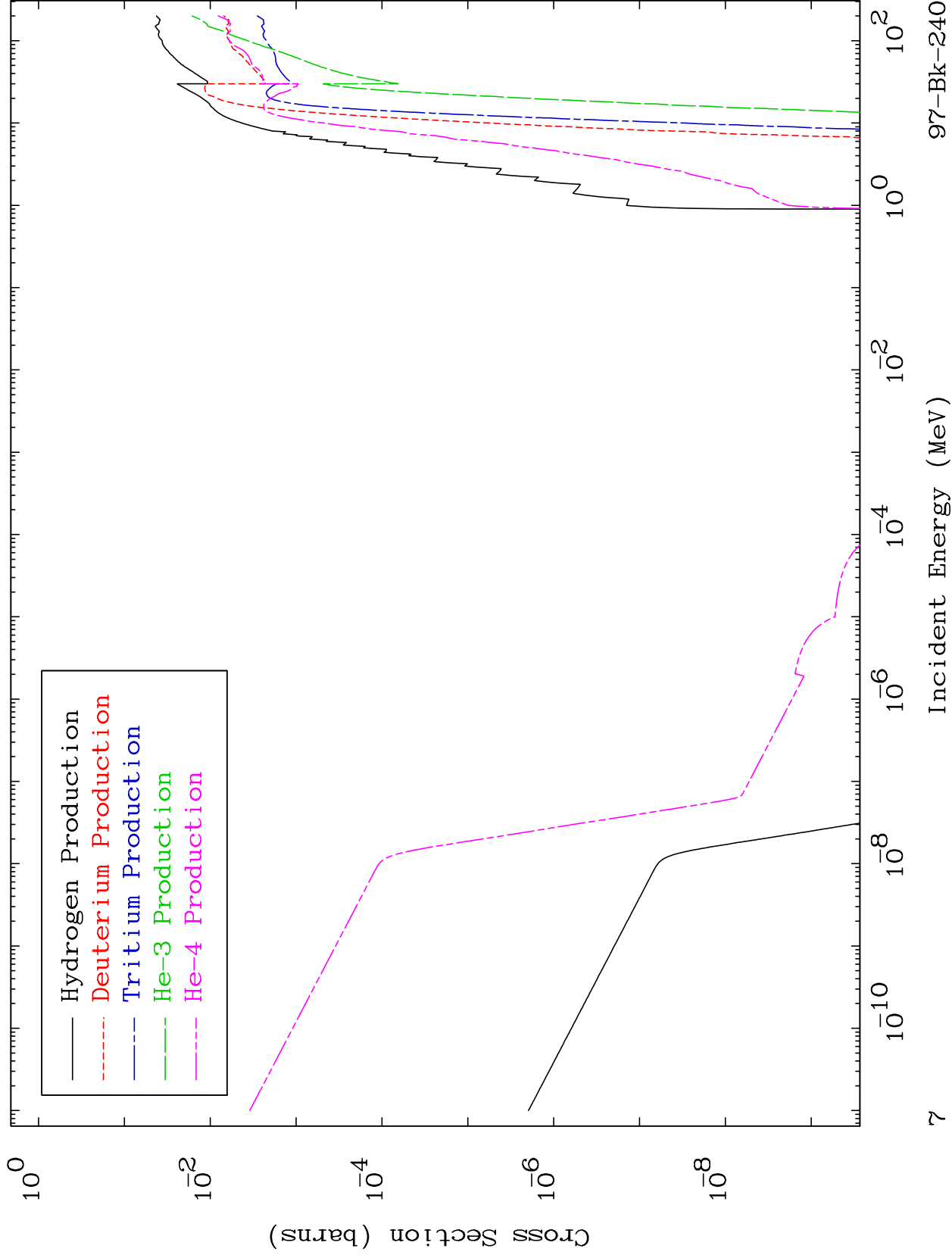
97-Bk-240



MAT 9725

Particle Production  
293 Kelvin Cross Sections

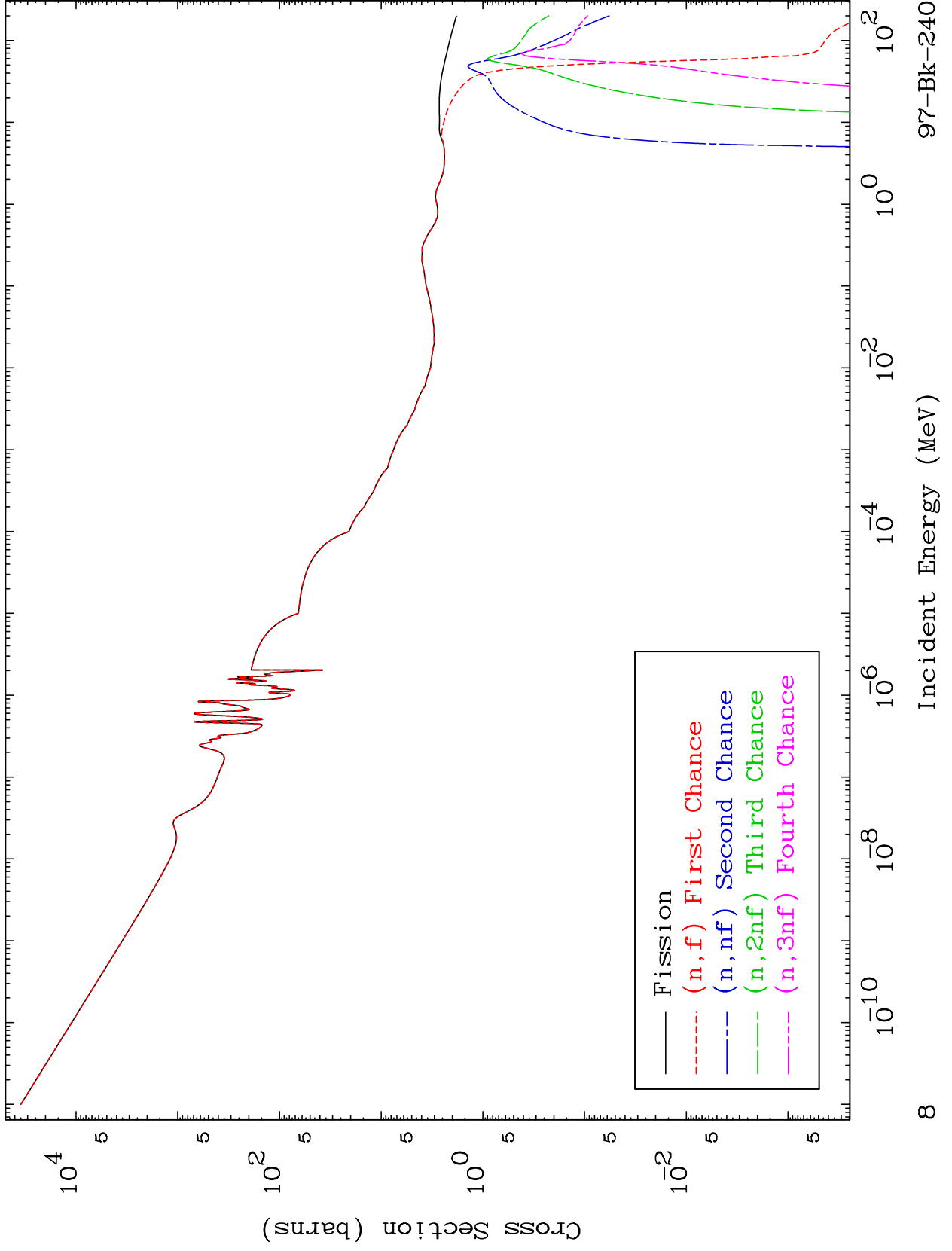
97-Bk-240



MAT 9725

Fission  
293 Kelvin Cross Sections

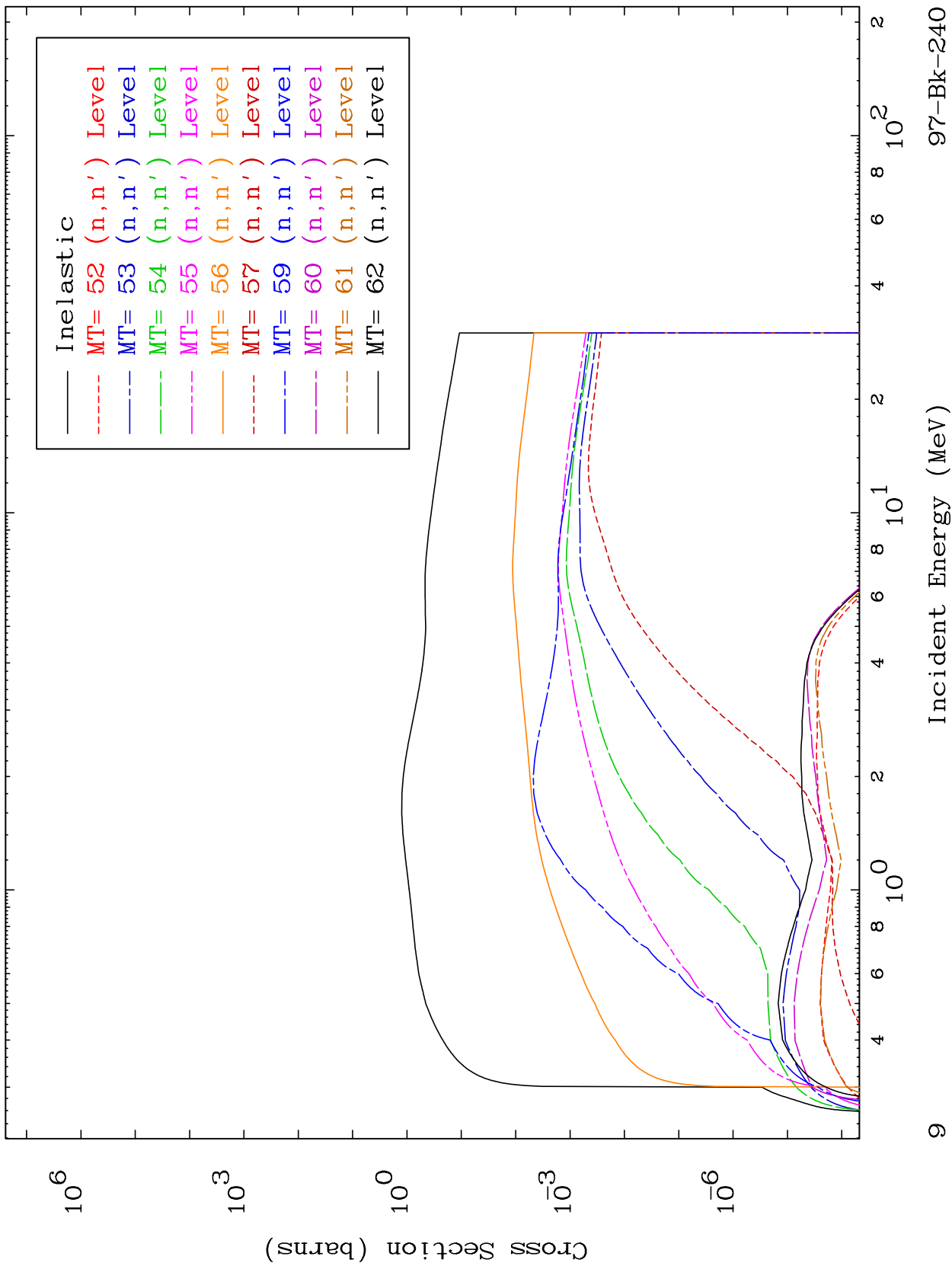
97-Bk-240



MAT 9725

(n,n') Levels  
293 Kelvin Cross Sections

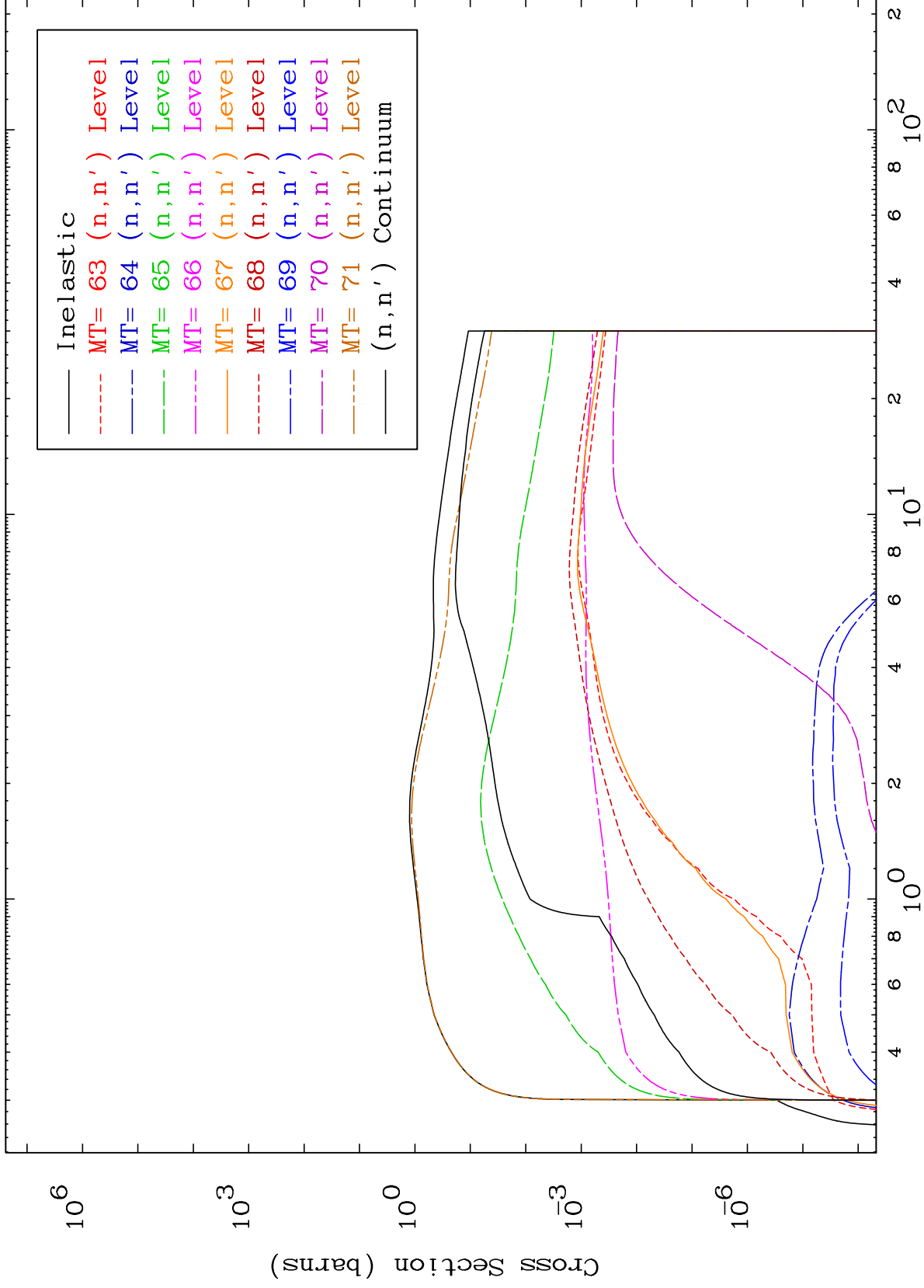
97-Bk-240



MAT 9725

(n,n') Levels  
293 Kelvin Cross Sections

97-Bk-240



10

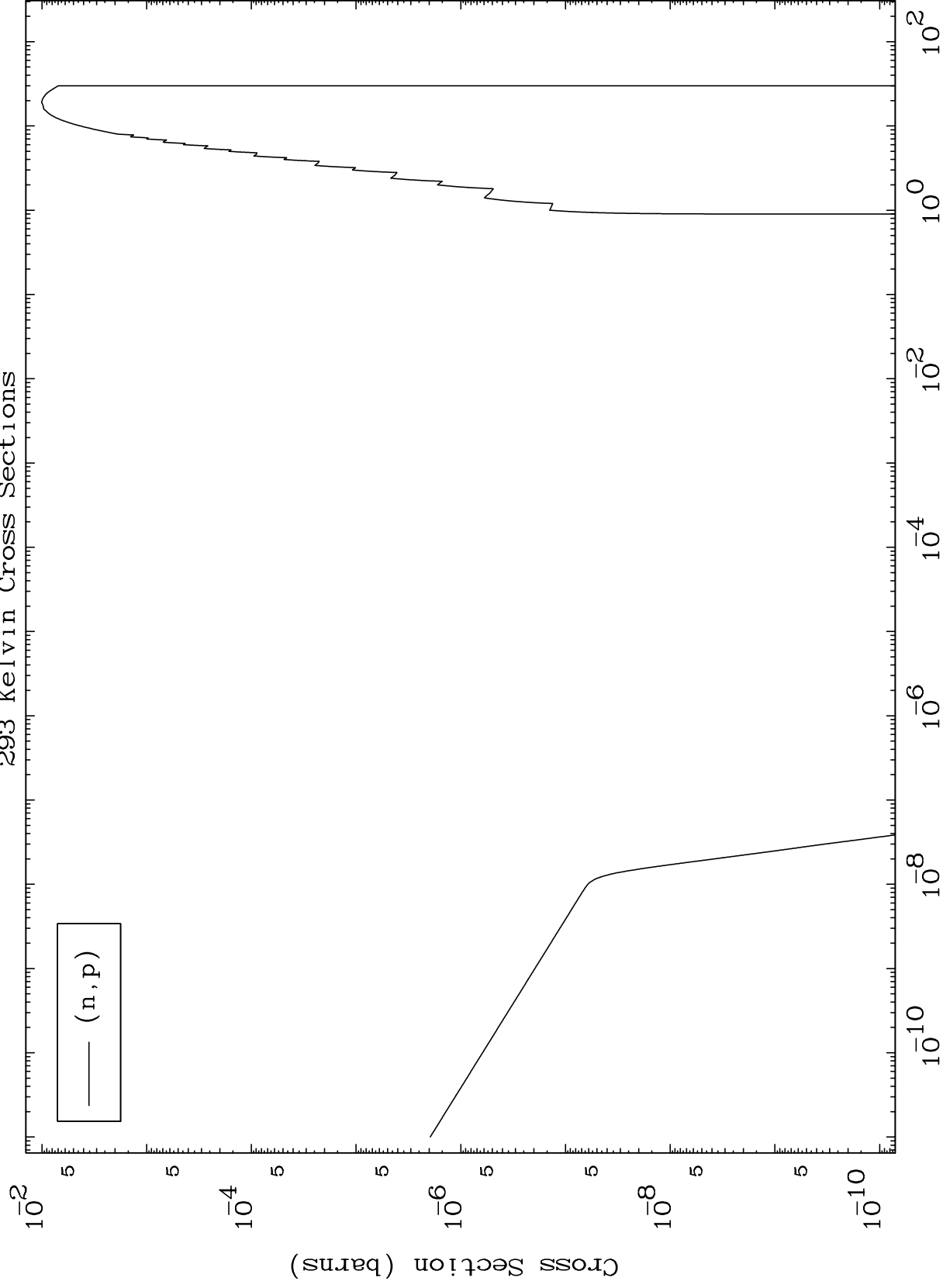
Incident Energy (MeV)

97-Bk-240

MAT 9725

(n,p) Levels  
293 Kelvin Cross Sections

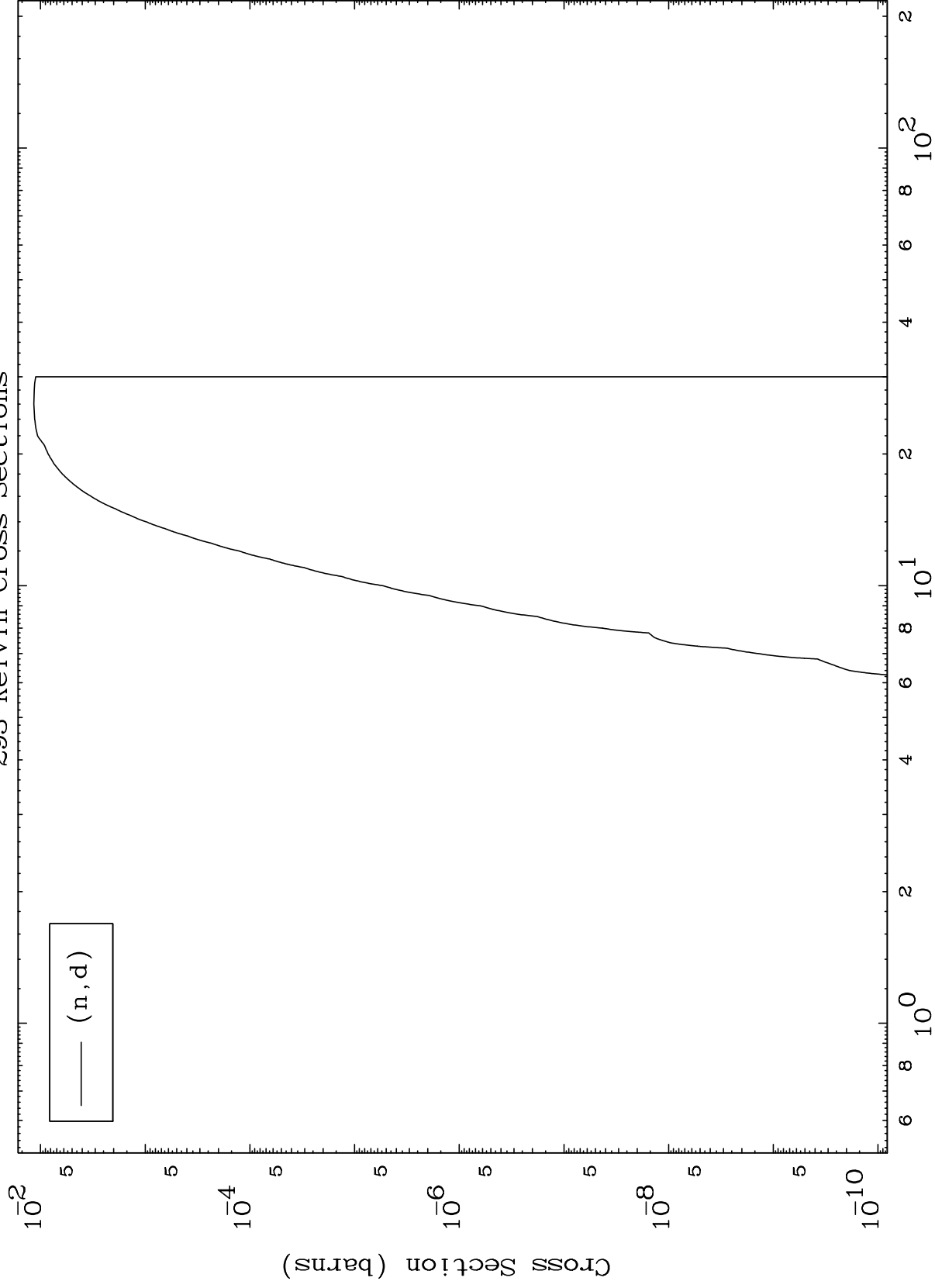
97-Bk-240



MAT 9725

(n,d) Levels  
293 Kelvin Cross Sections

97-Bk-240



Incident Energy (MeV)

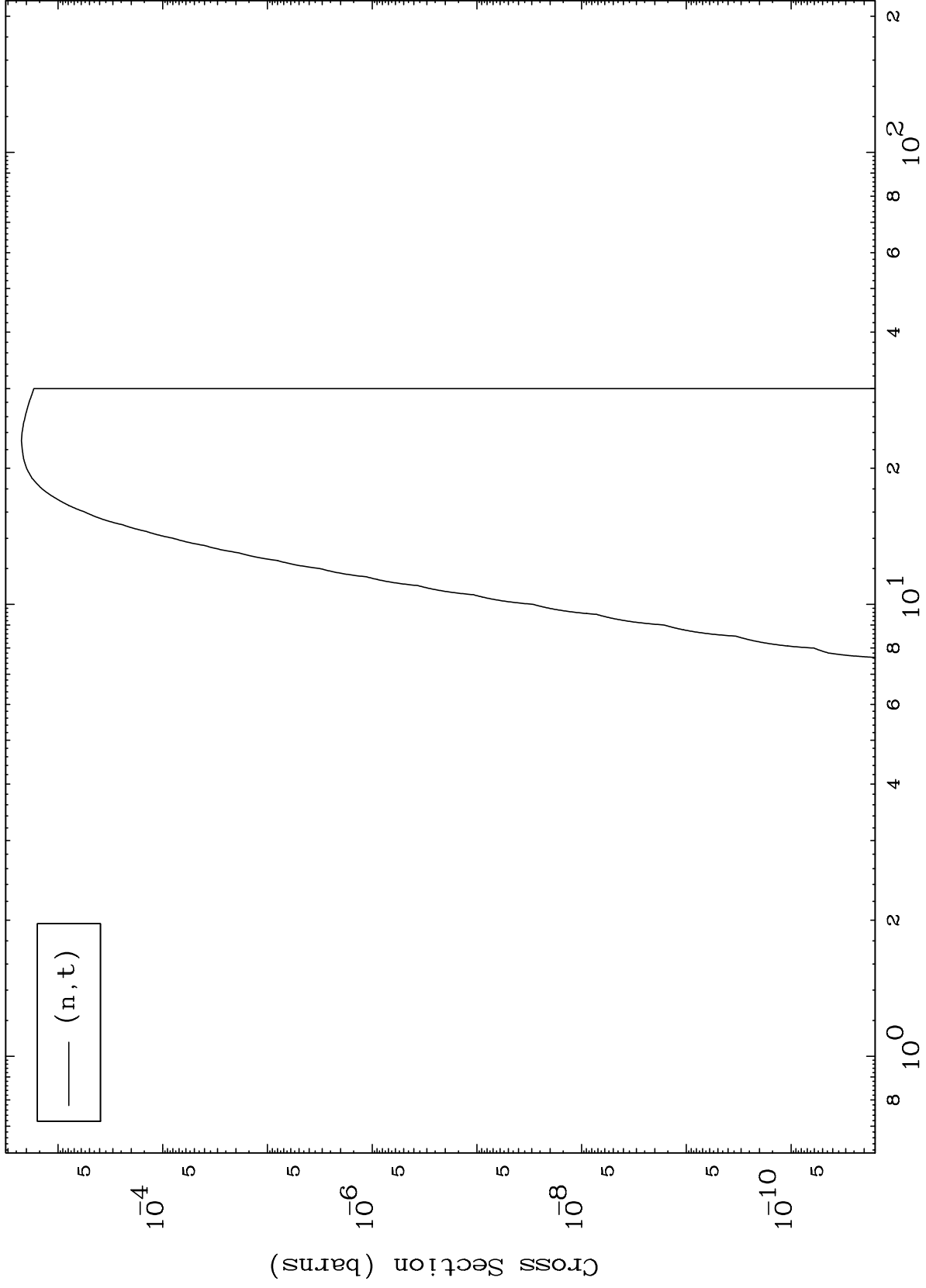
97-Bk-240

12

MAT 9725

(n,t) Levels  
293 Kelvin Cross Sections

97-Bk-240



13

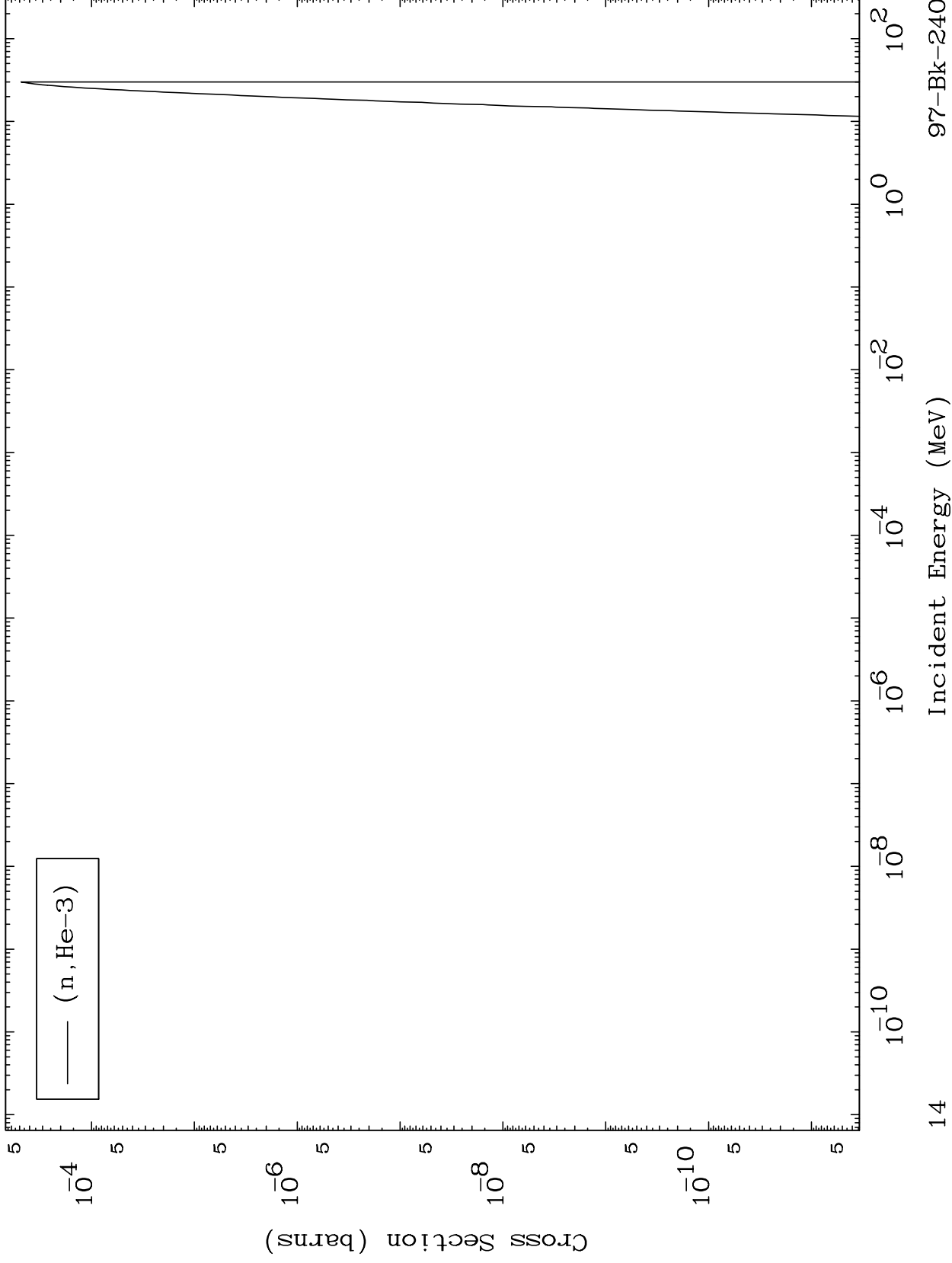
Incident Energy (MeV)

97-Bk-240

MAT 9725

(n,He3) Levels  
293 Kelvin Cross Sections

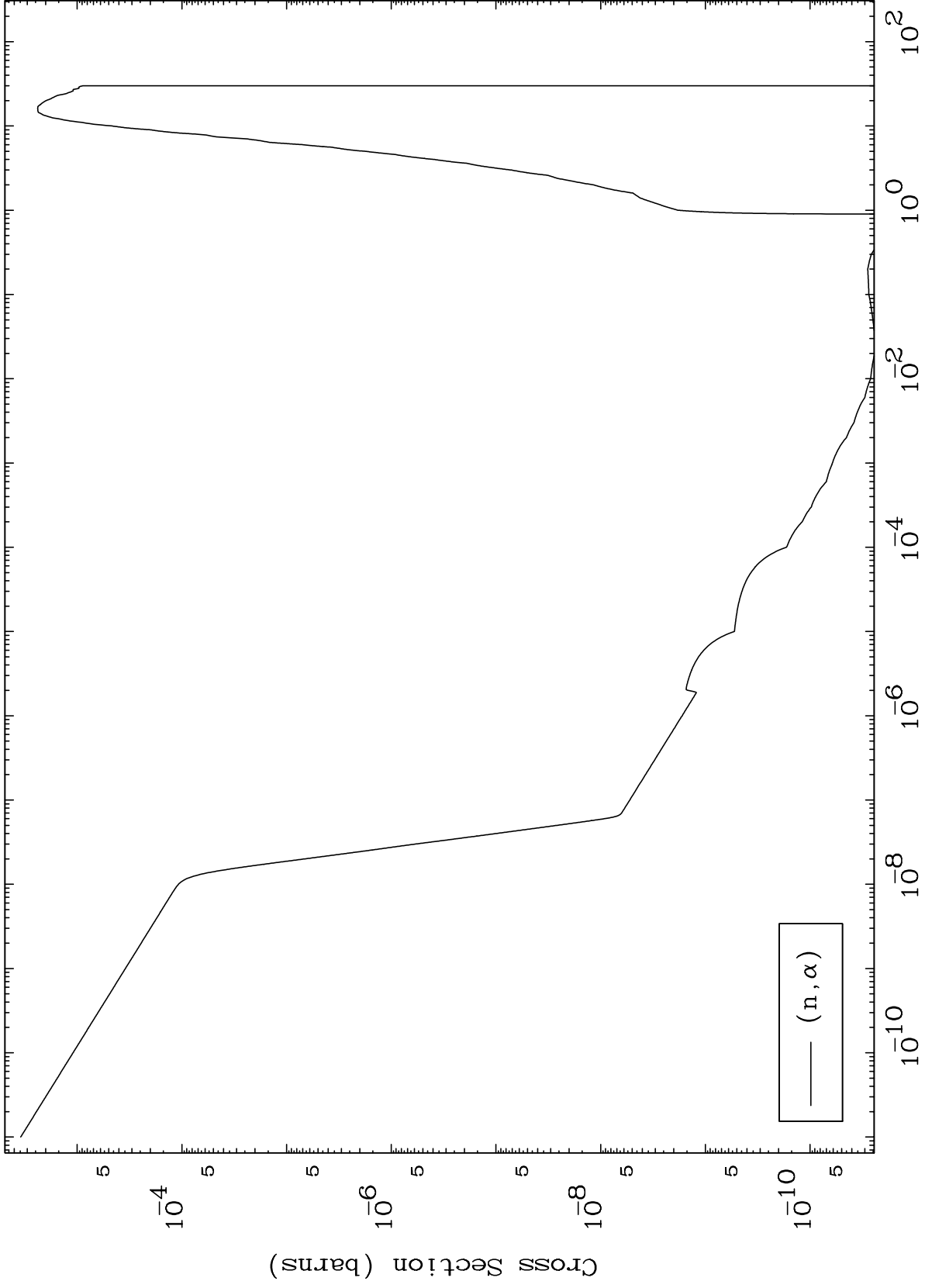
97-Bk-240



MAT 9725

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

97-Bk-240



15

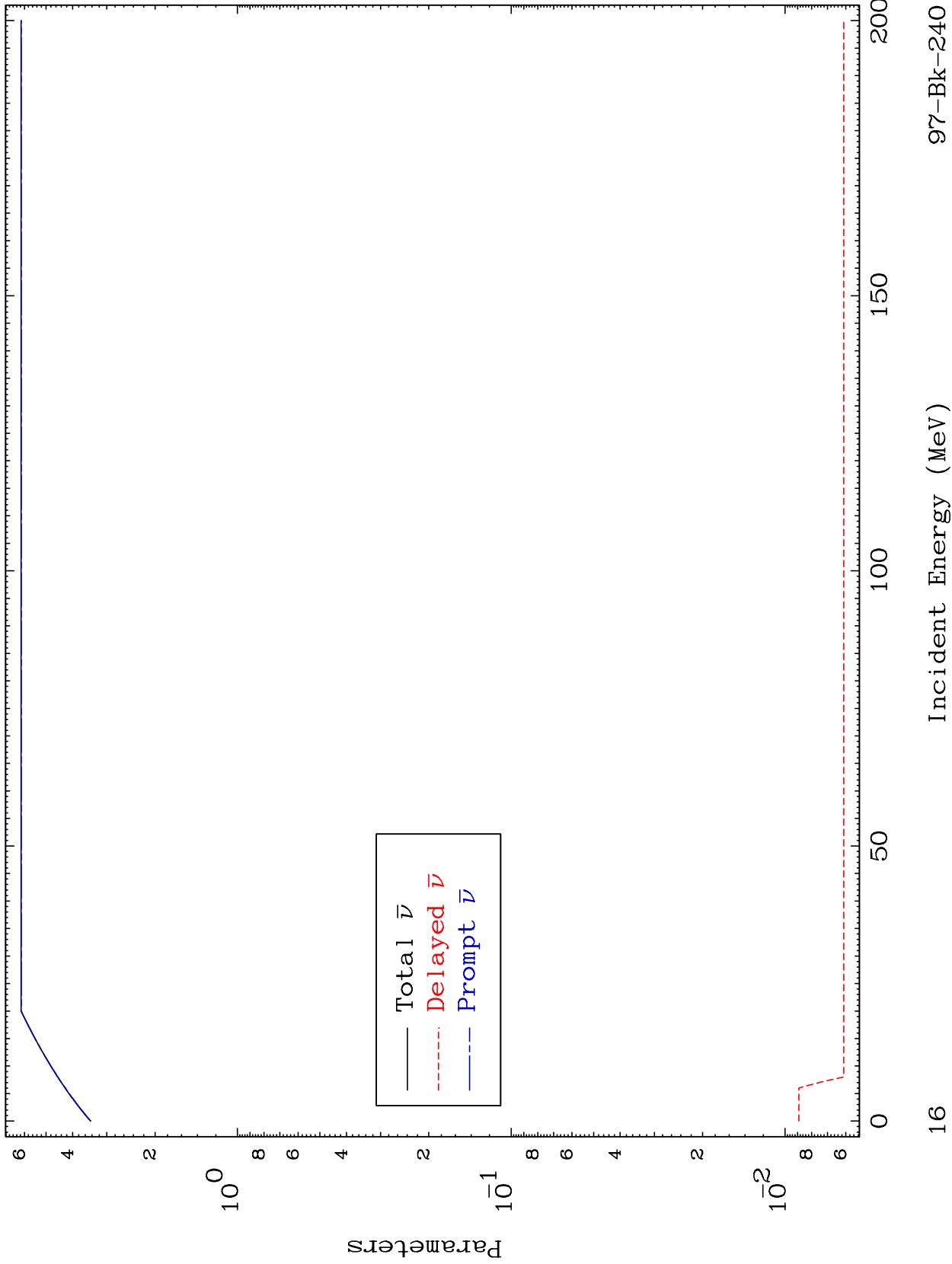
Incident Energy (MeV)

97-Bk-240

MAT 9725

Energy Release  
Parameters

97-Bk-240



16

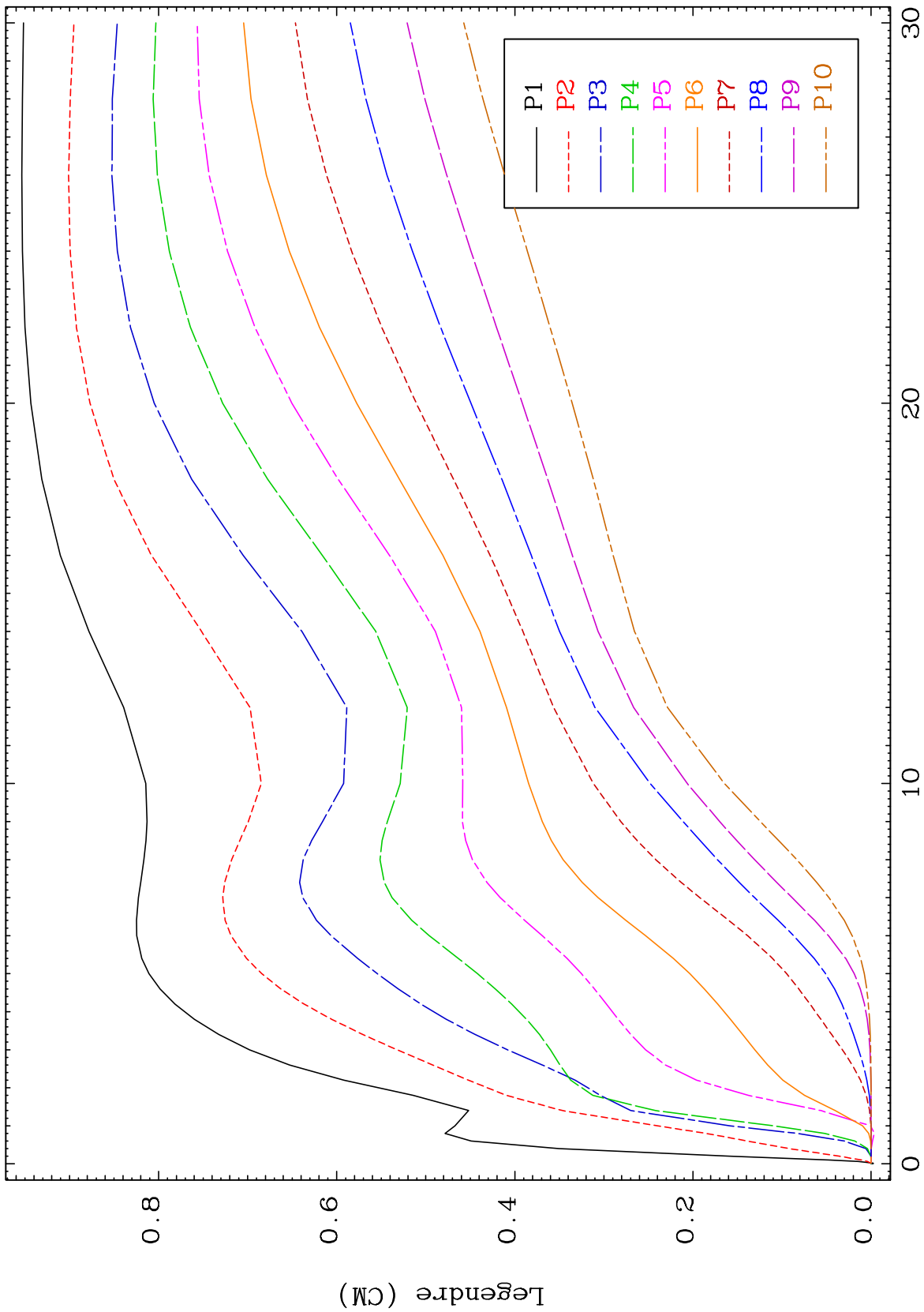
Incident Energy (MeV)

97-Bk-240

MAT 9725

Elastic Legendre Coefficients

97-Bk-240



17

Incident Energy (MeV)

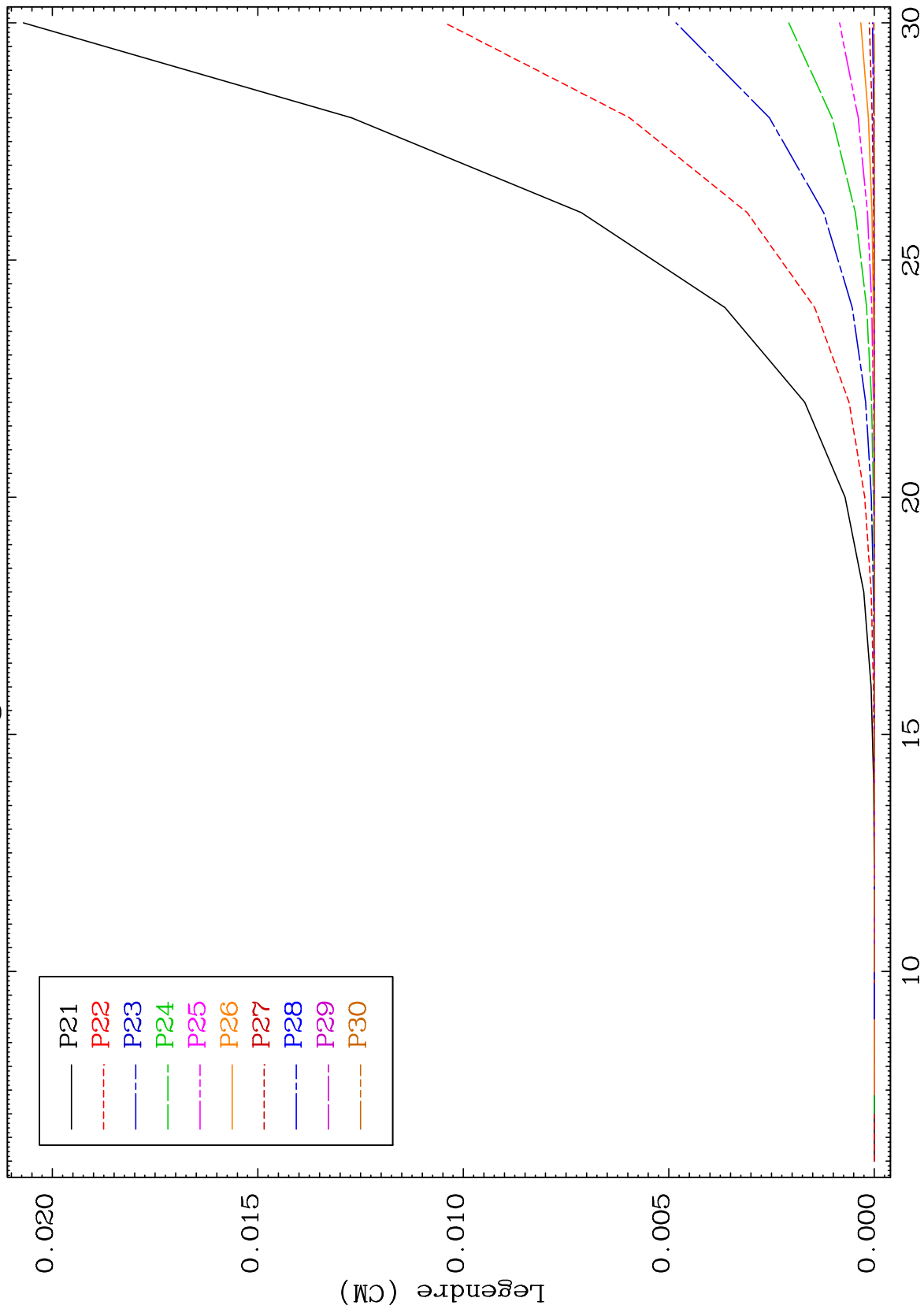
97-Bk-240



MAT 9725

Elastic  
Legendre Coefficients

97-Bk-240



19

Incident Energy (MeV)

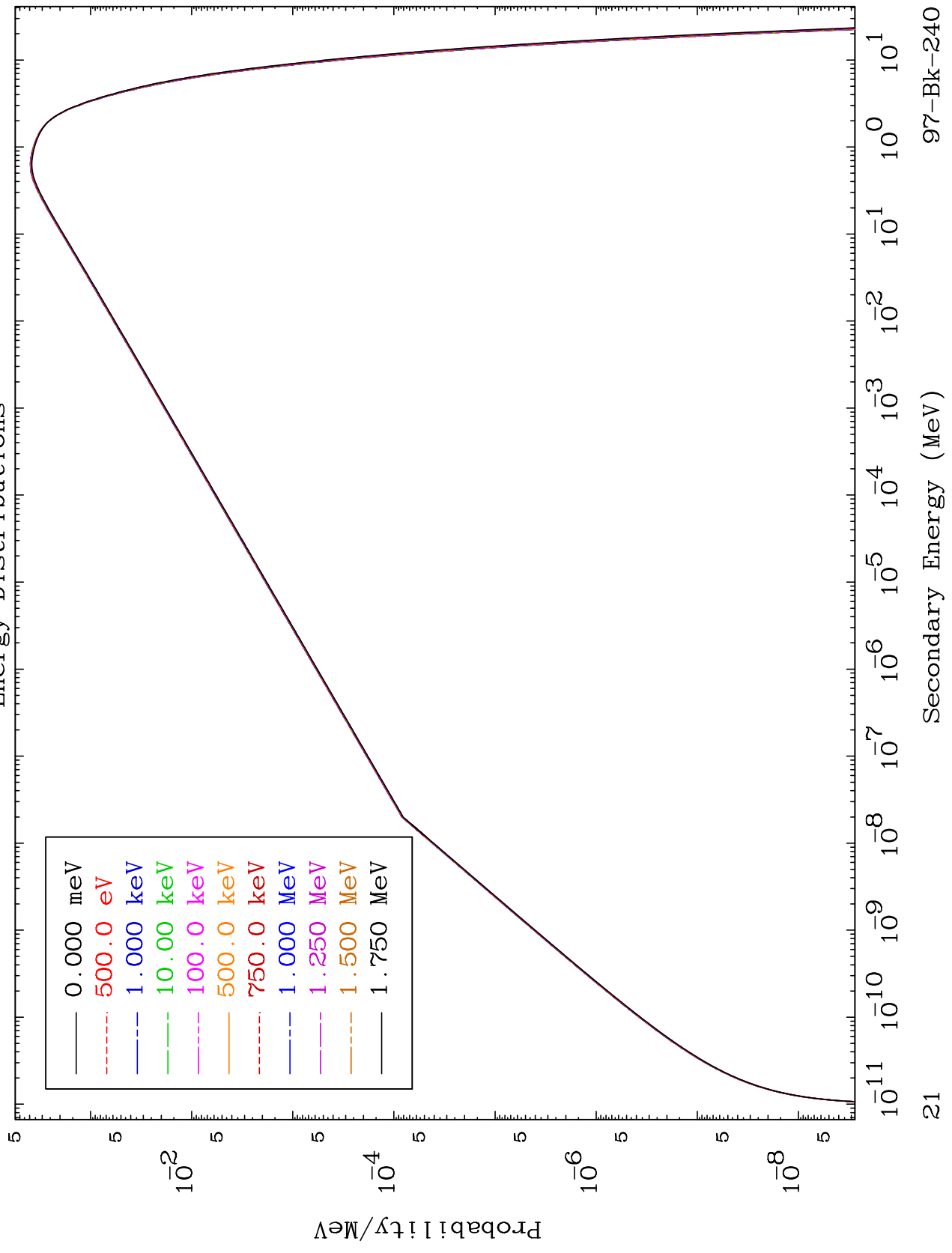
97-Bk-240



MAT 9725

### Fission Energy Distributions

97-Bk-240



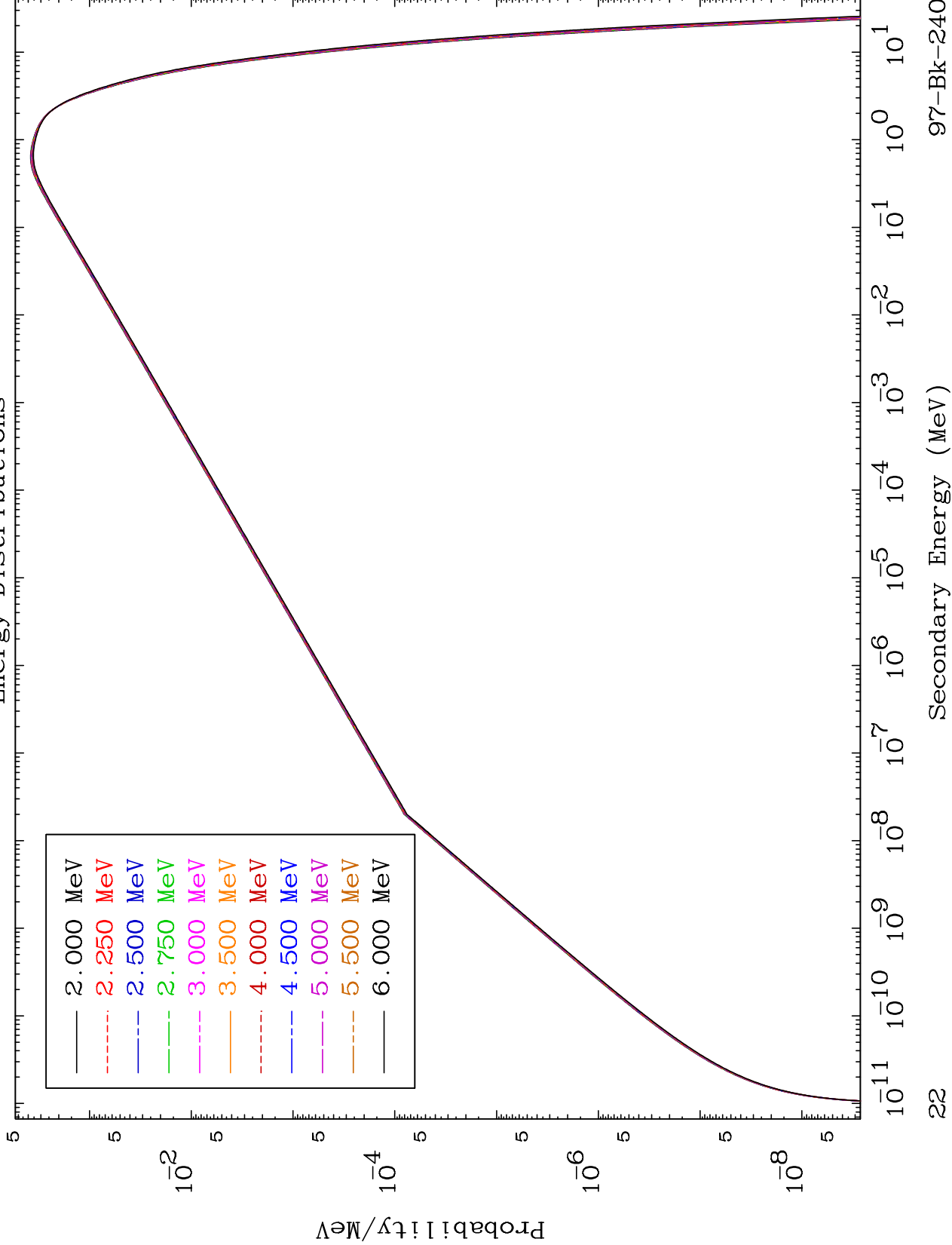
97-Bk-240

Secondary Energy (MeV)

MAT 9725

### Fission Energy Distributions

97-Bk-240



97-Bk-240

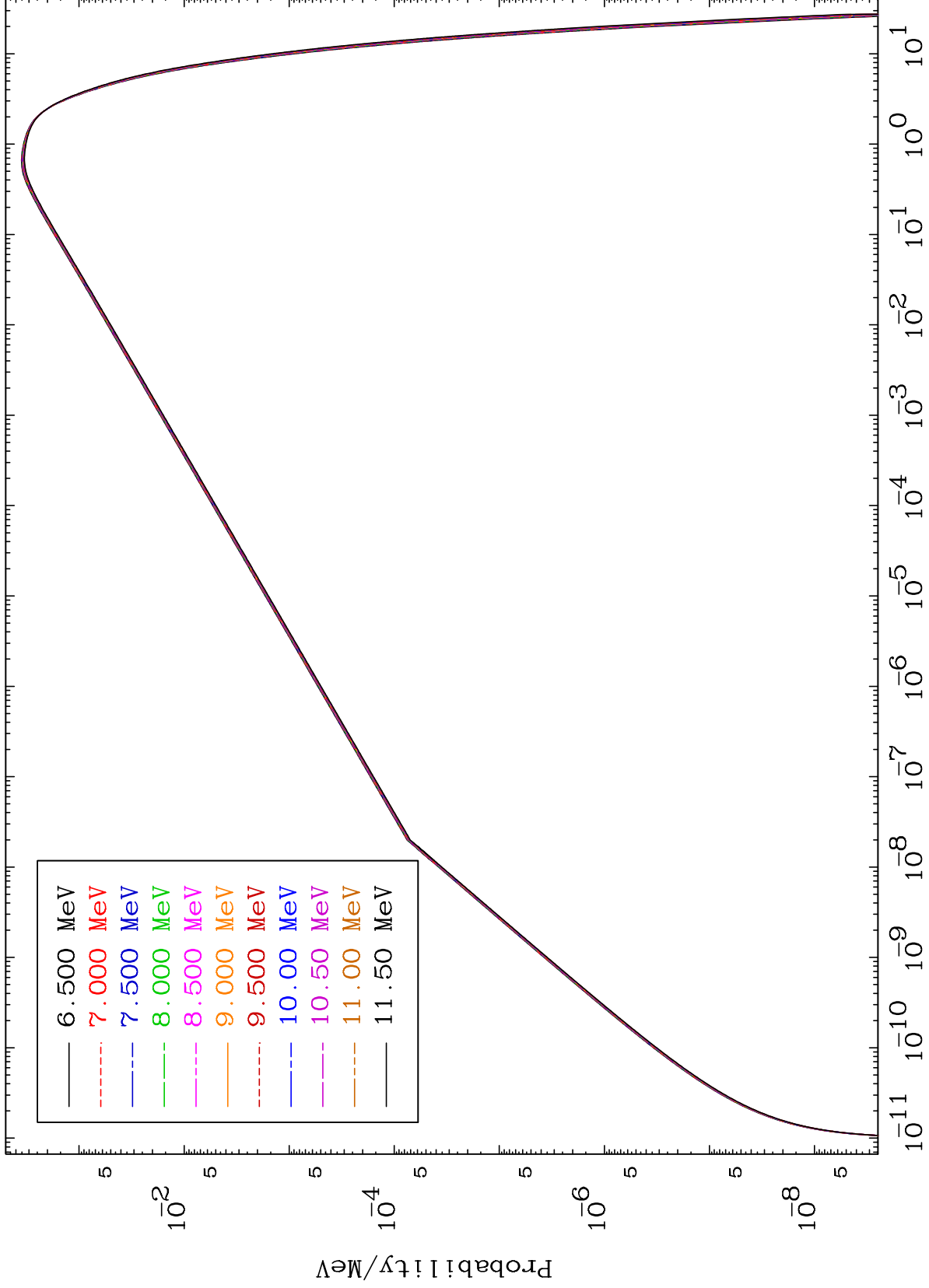
Secondary Energy (MeV)

22

MAT 9725

### Fission Energy Distributions

97-Bk-240



23

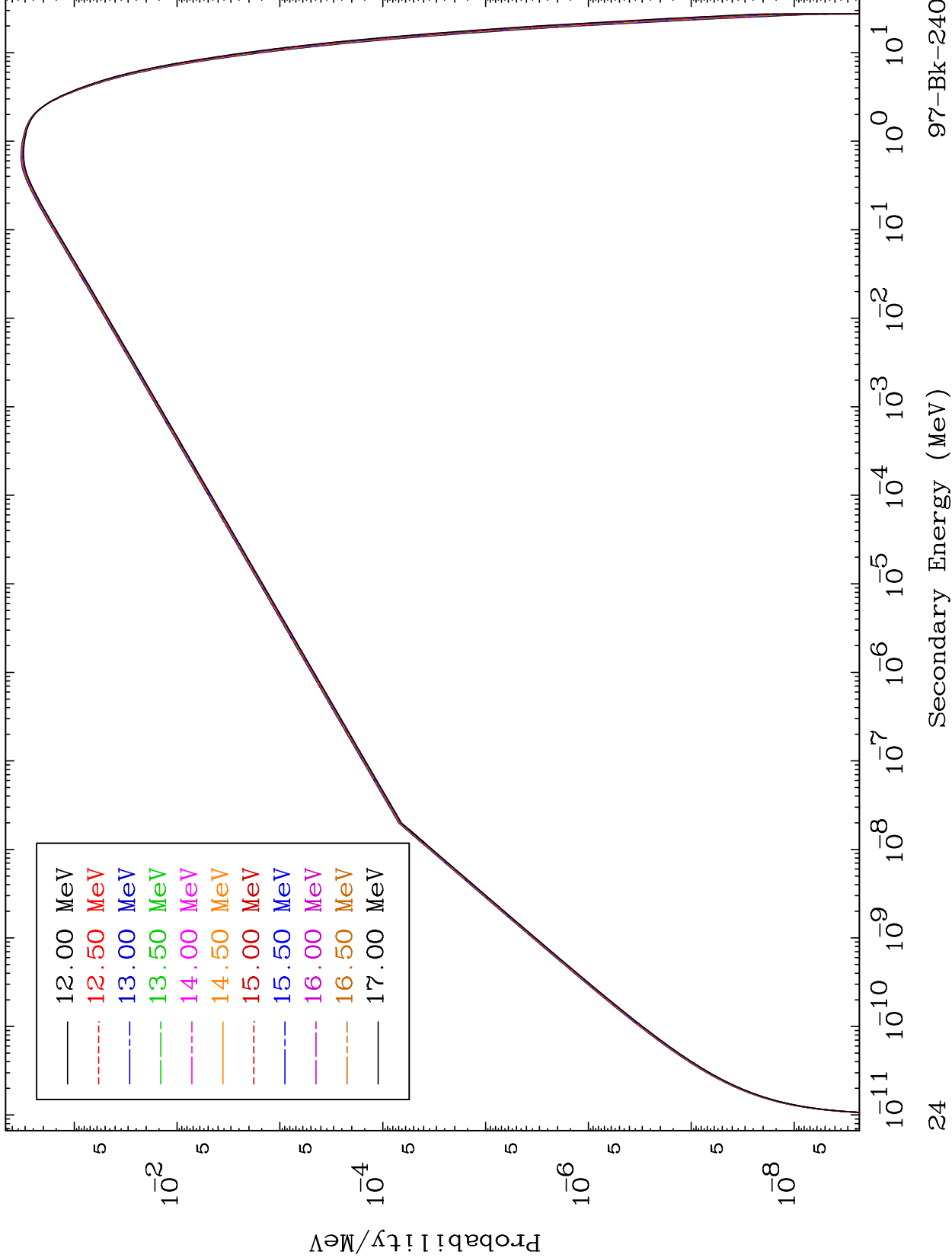
Secondary Energy (MeV)

97-Bk-240

MAT 9725

### Fission Energy Distributions

97-Bk-240



97-Bk-240

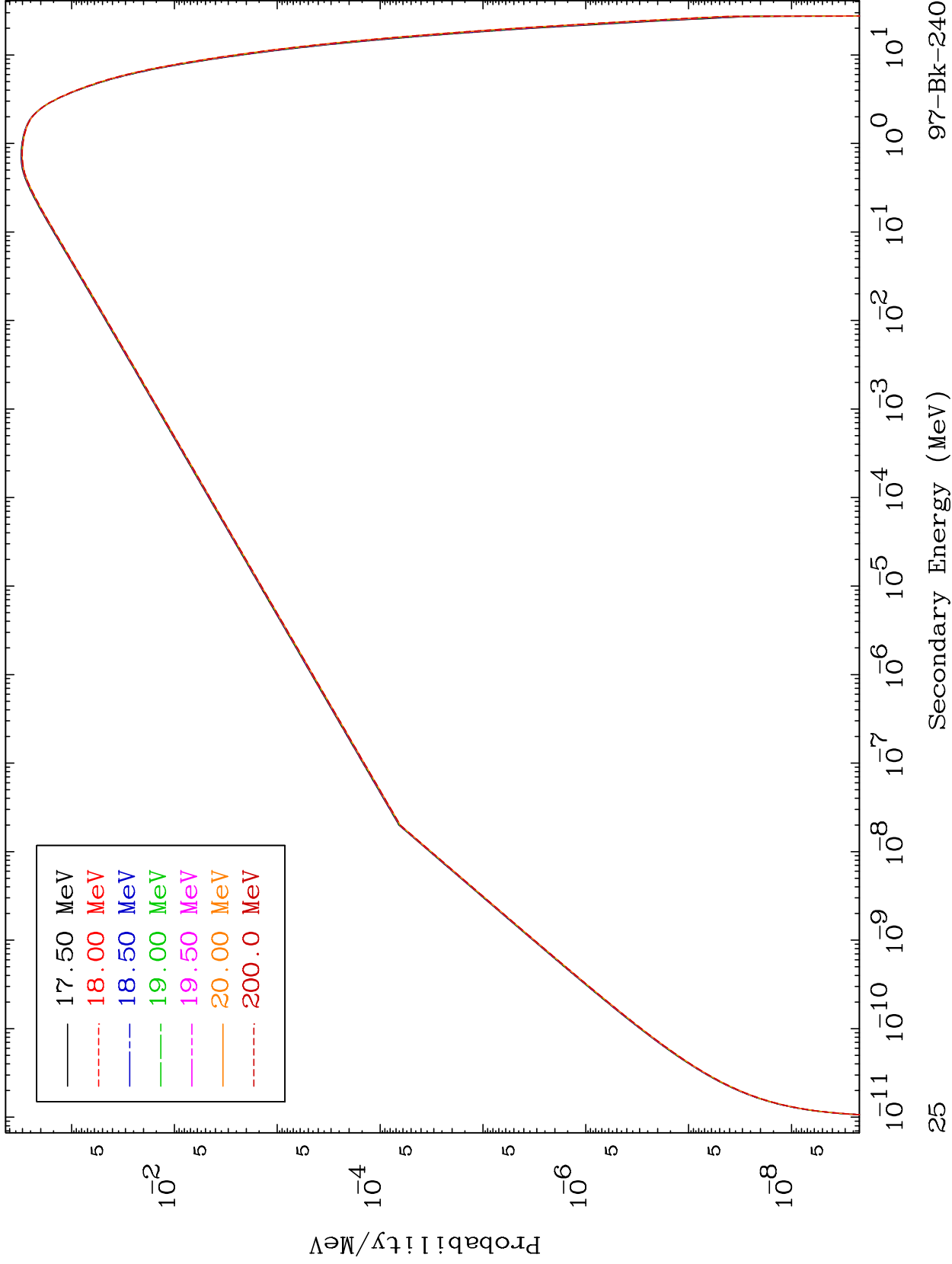
Secondary Energy (MeV)

24

MAT 9725

### Fission Energy Distributions

97-Bk-240

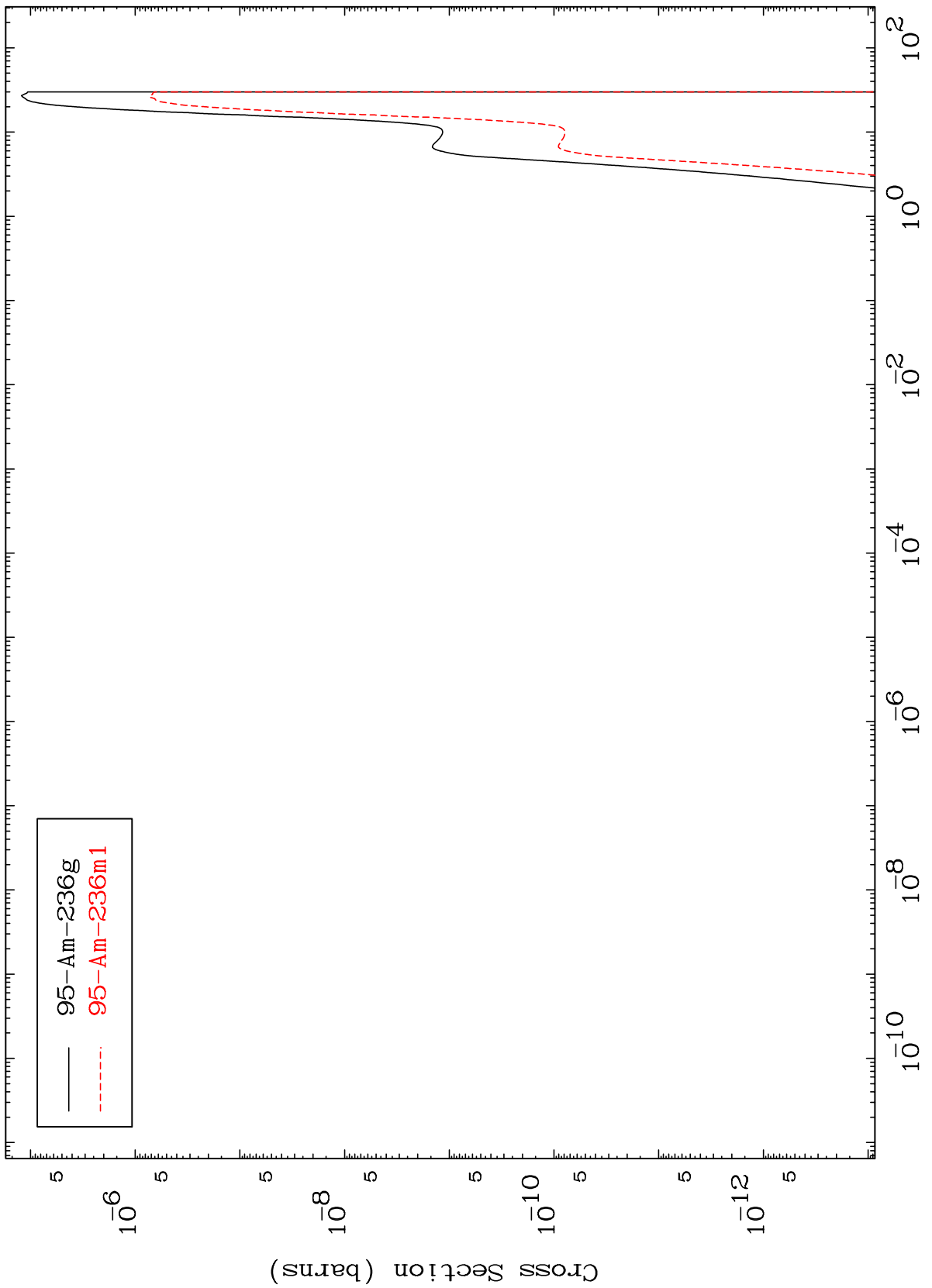


MAT 9725

(n,n')  $\alpha$

97-Bk-240

Radionuclide Production Cross Section



26

Incident Energy (MeV)

97-Bk-240