

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

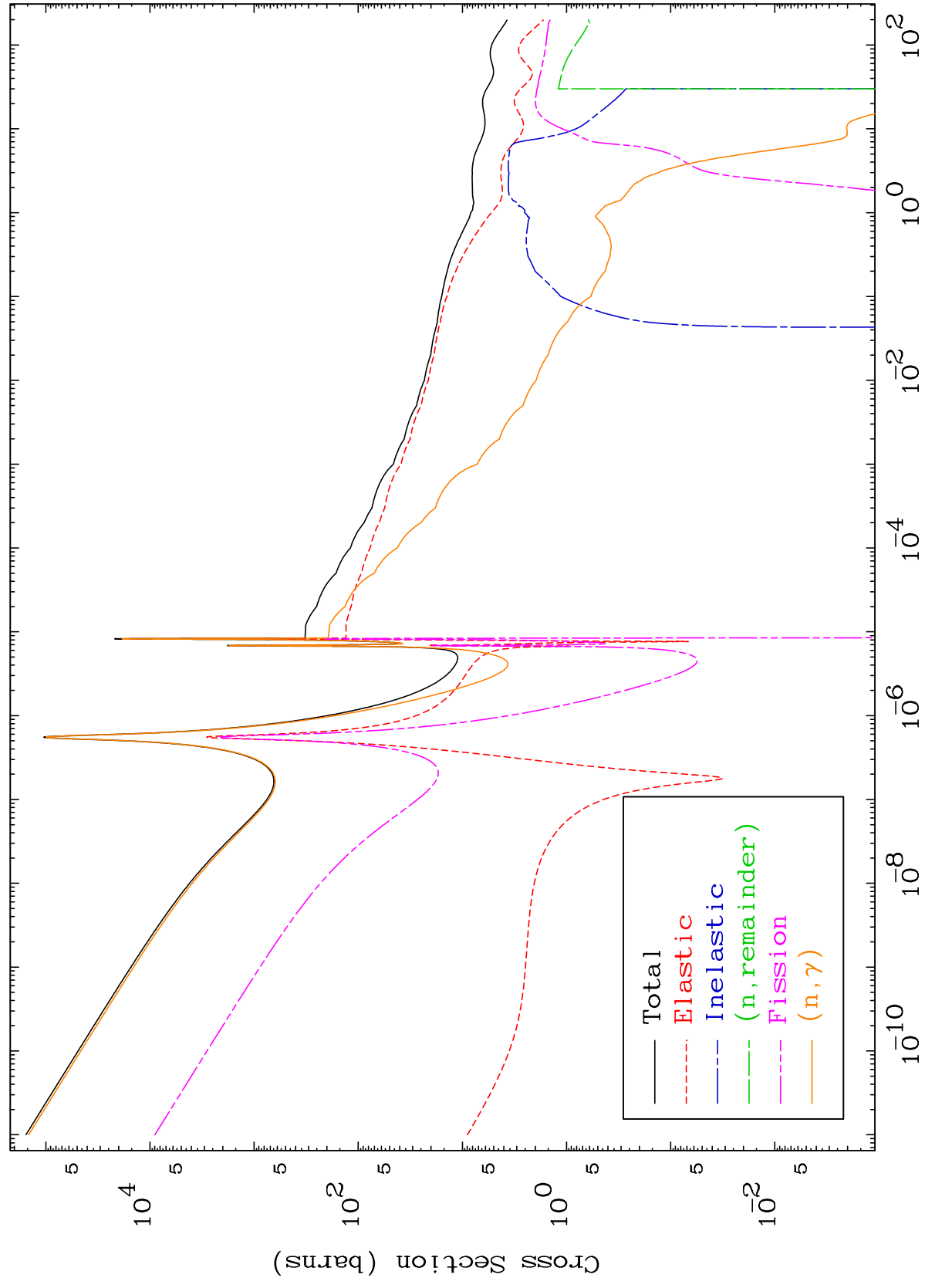
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9855

Major  
293 Kelvin Cross Sections

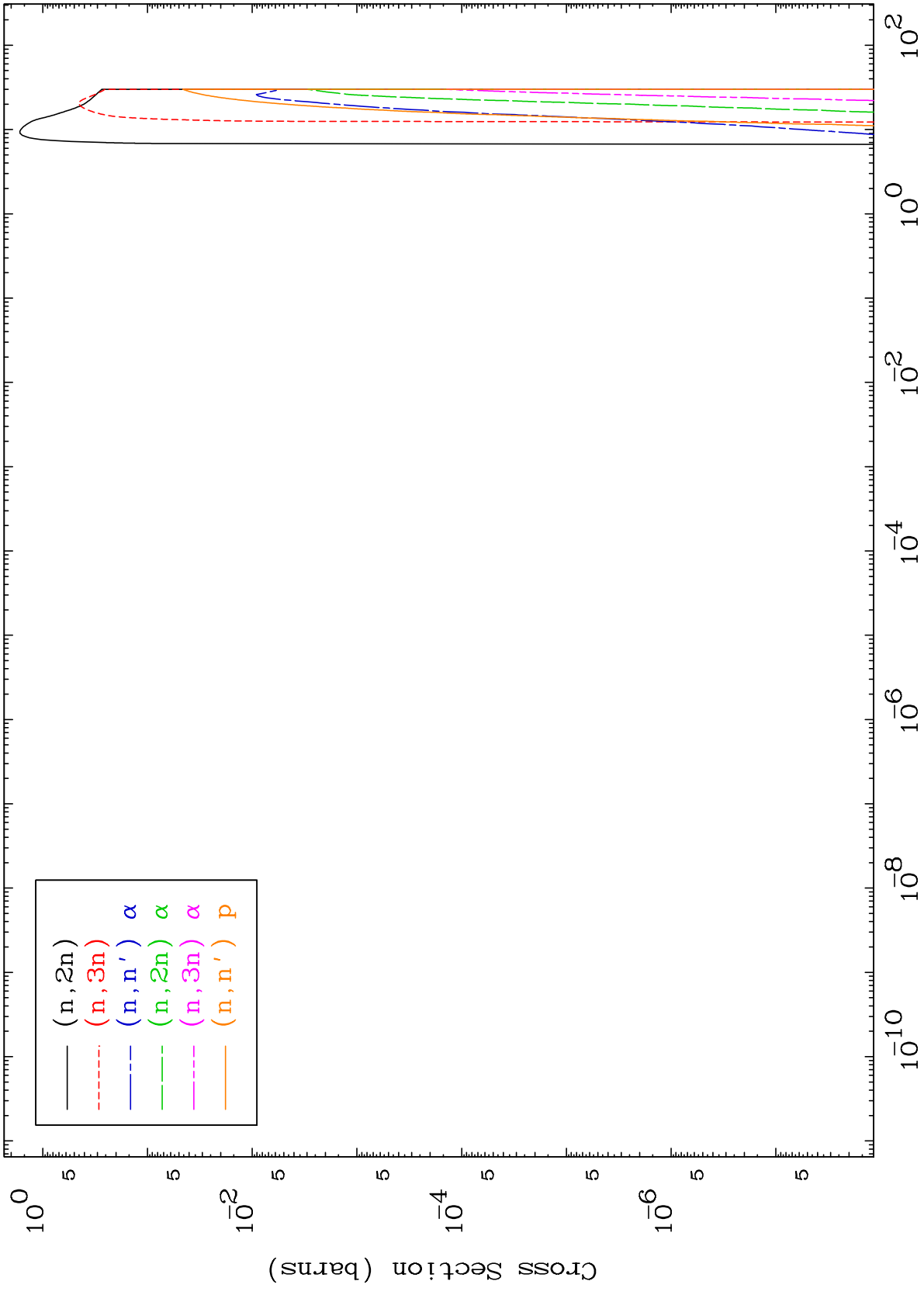
98-Cf-250



MAT 9855

Neutron Production  
293 Kelvin Cross Sections

98-Cf-250

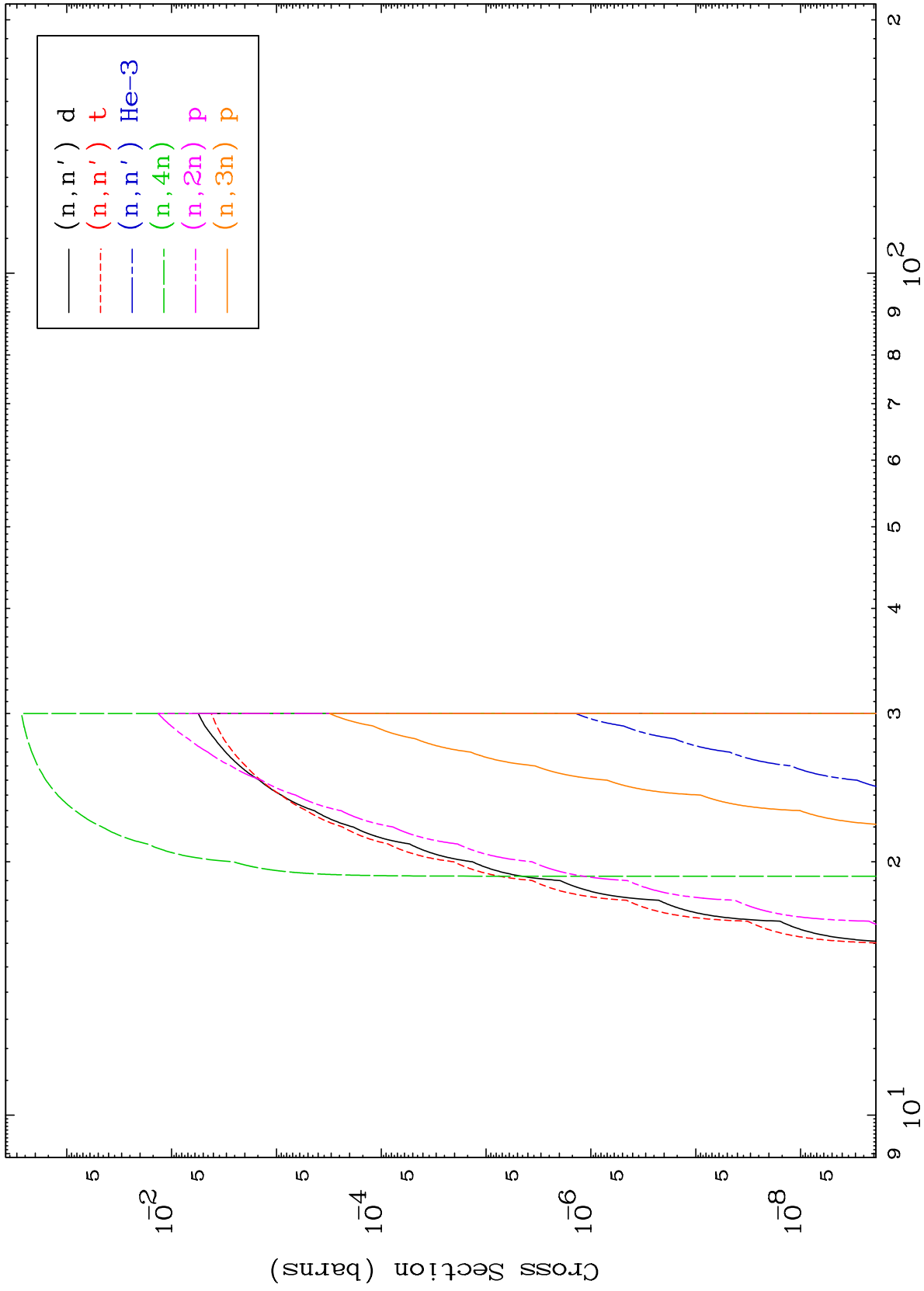


98-Cf-250

MAT 9855

Neutron Production  
293 Kelvin Cross Sections

98-Cf-250



98-Cf-250

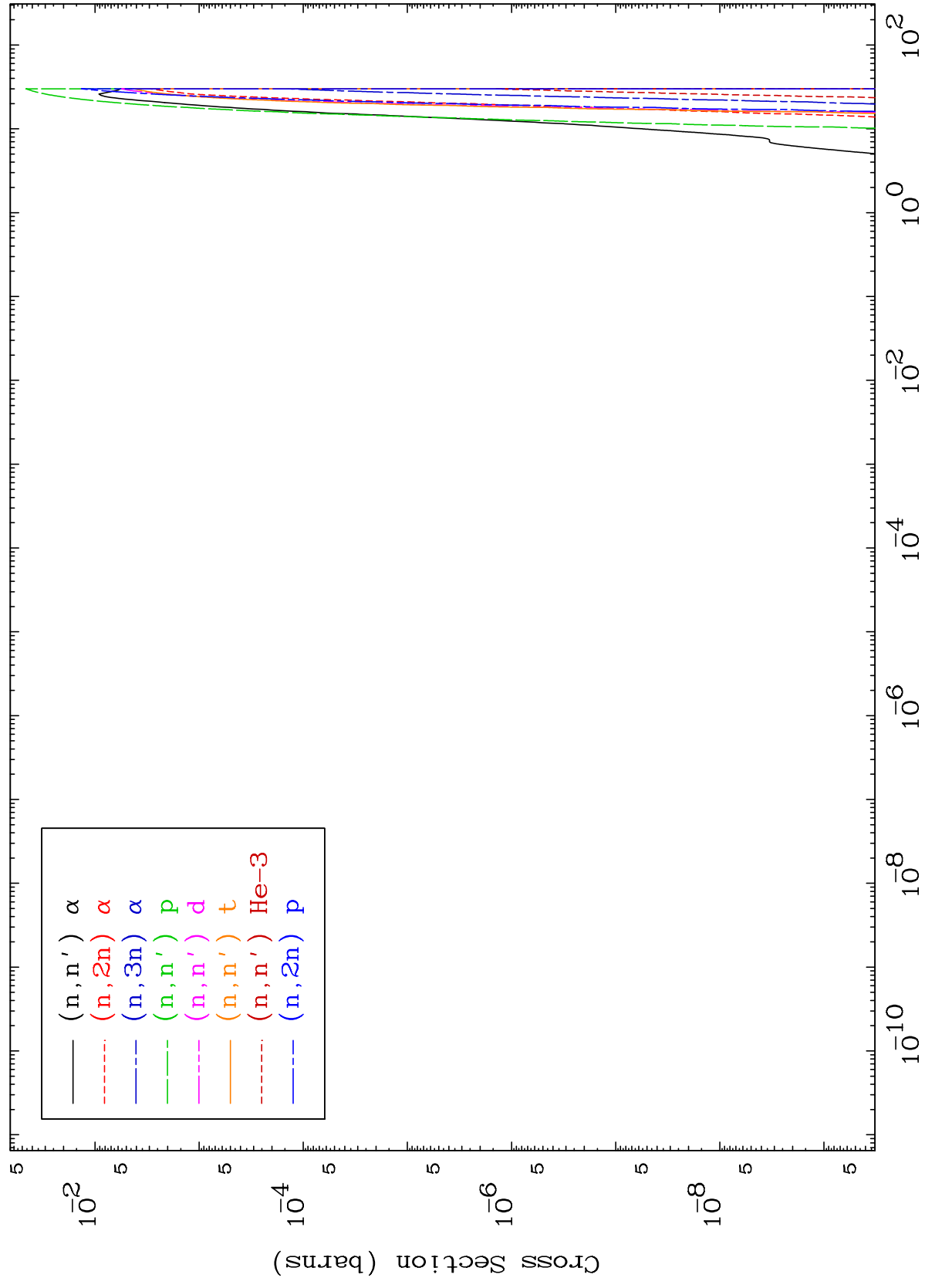
Incident Energy (MeV)

3

MAT 9855

Charged Particle  
293 Kelvin Cross Sections

98-Cf-250



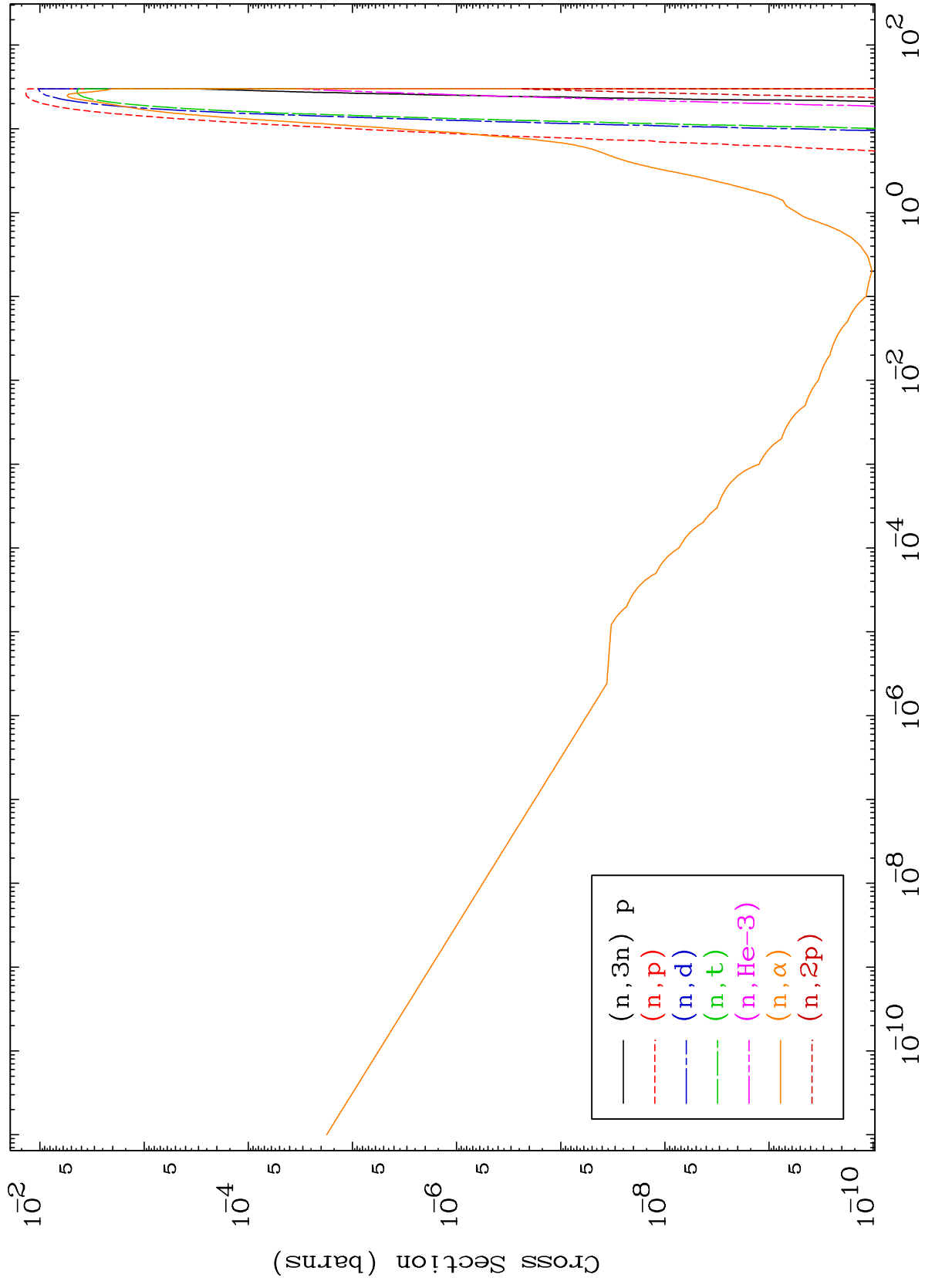
98-Cf-250

Incident Energy (MeV)

MAT 9855

293 Kelvin Cross Sections

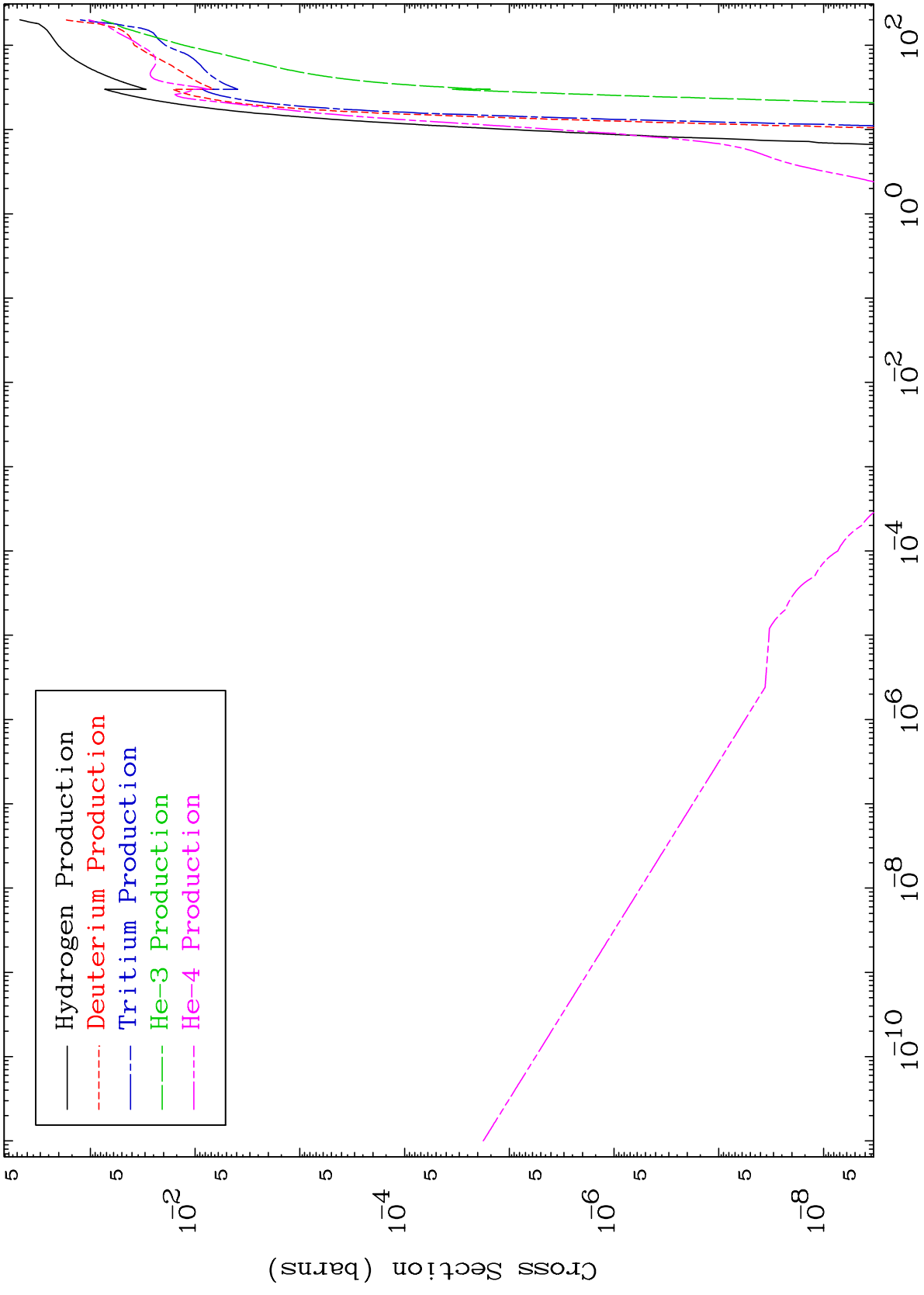
98-Cf-250



MAT 9855

Particle Production  
293 Kelvin Cross Sections

98-Cf-250



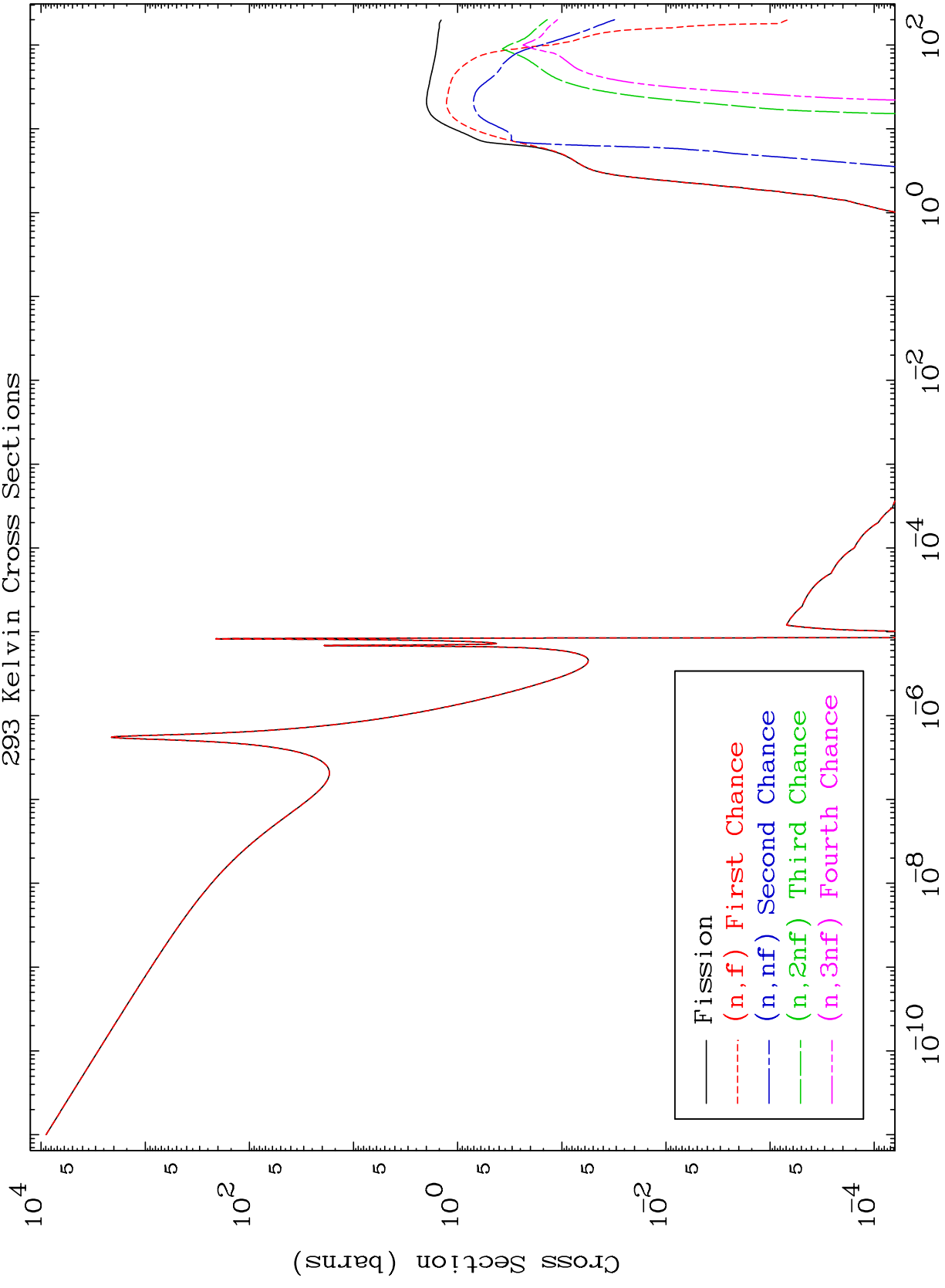
6

98-Cf-250

MAT 9855

Fission  
293 Kelvin Cross Sections

98-Cf-250



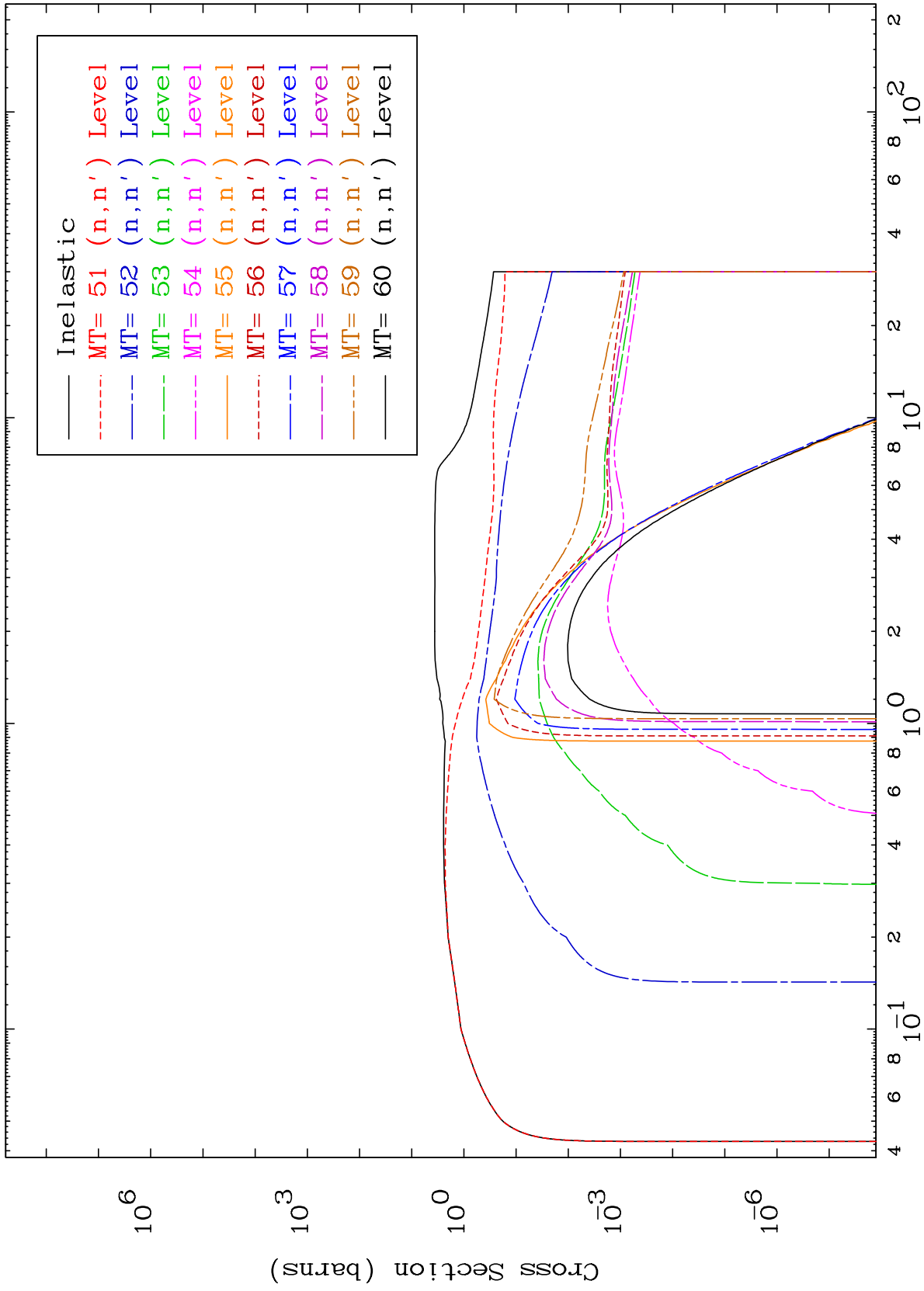


MAT 9855

(n,n') Level

98-Cf-250

293 Kelvin Cross Sections

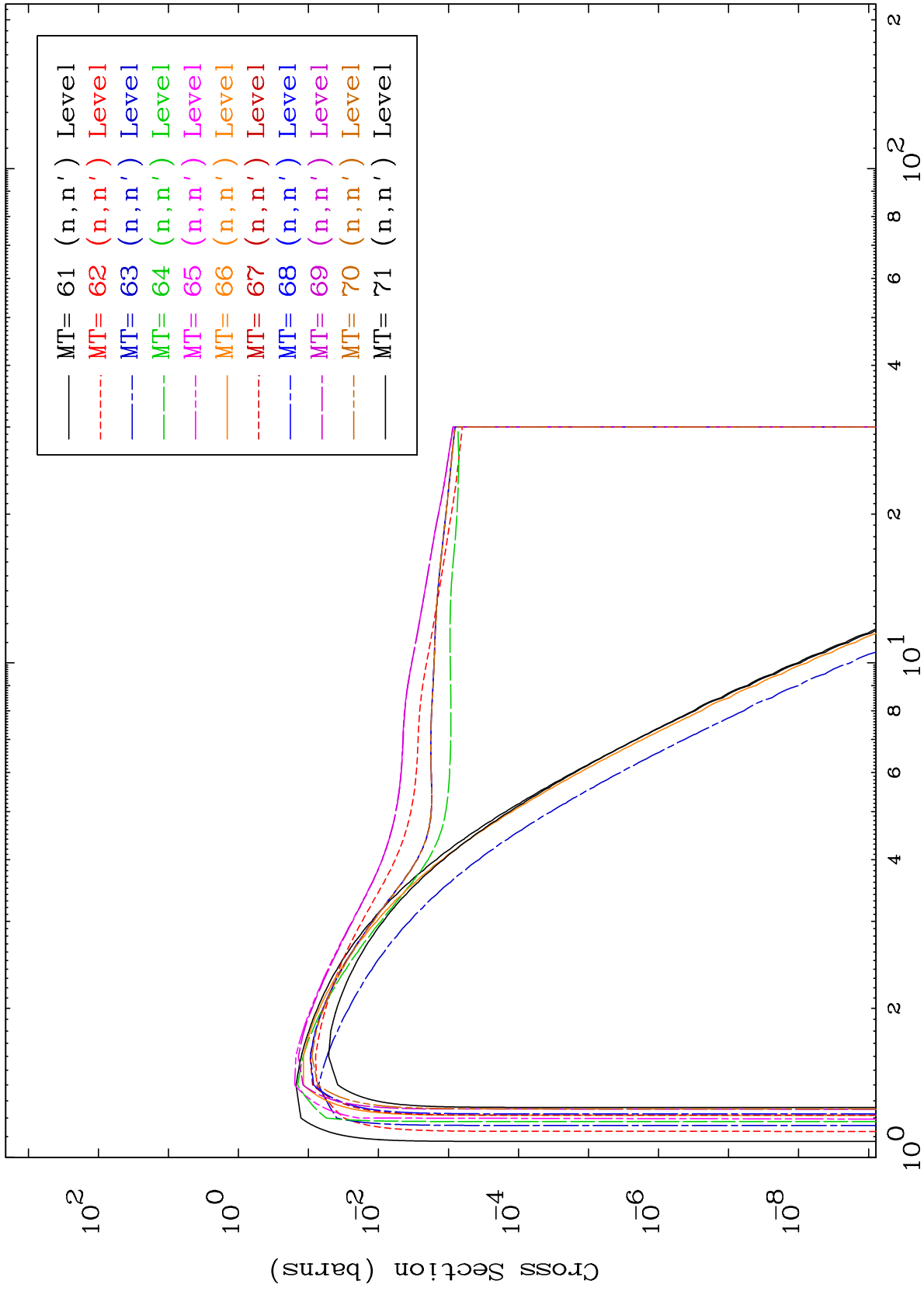


MAT 9855

(n,n') Level

98-Cf-250

293 Kelvin Cross Sections



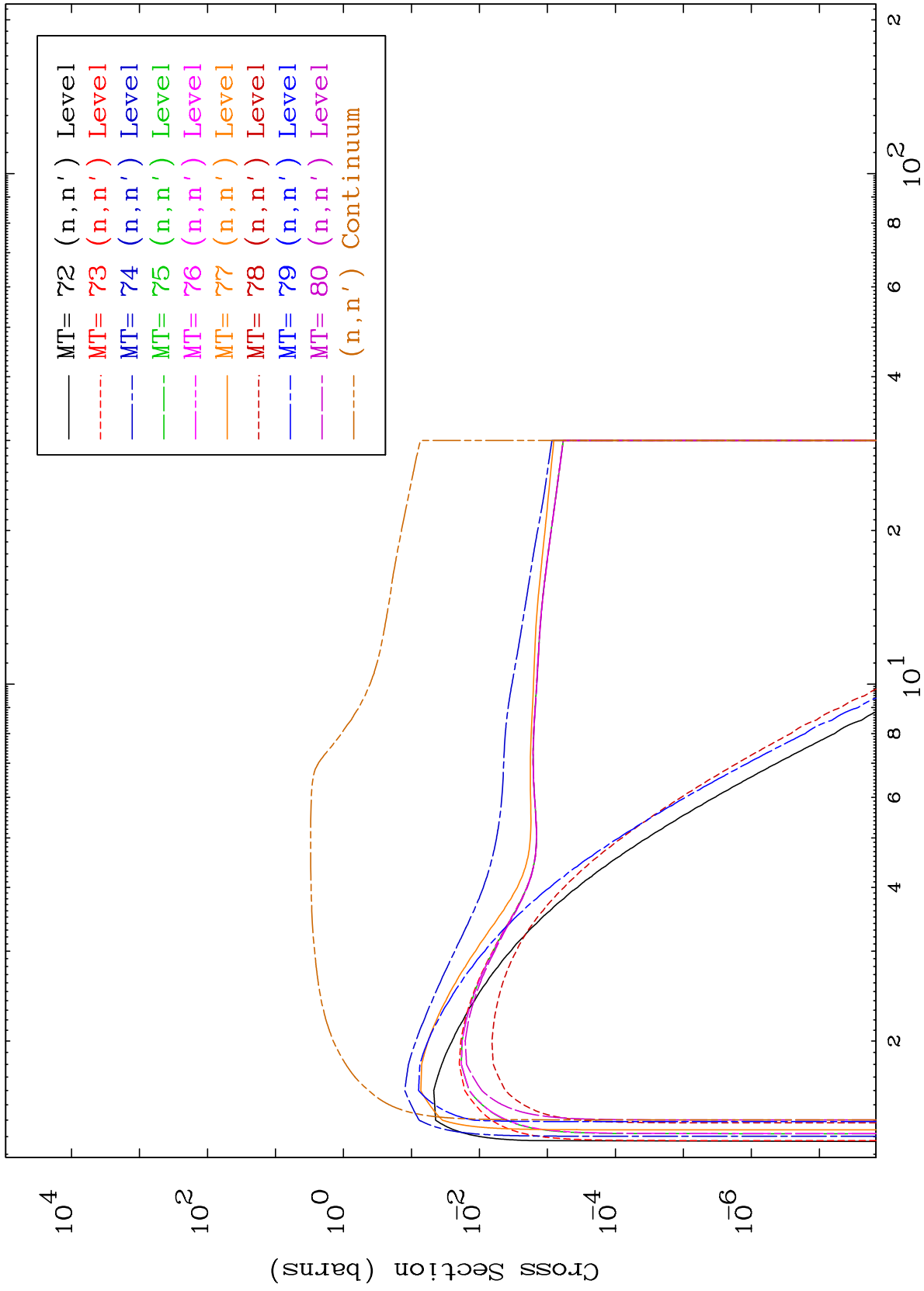
Incident Energy (MeV)

98-Cf-250

MAT 9855

(n,n') Level  
293 Kelvin Cross Sections

98-Cf-250



10

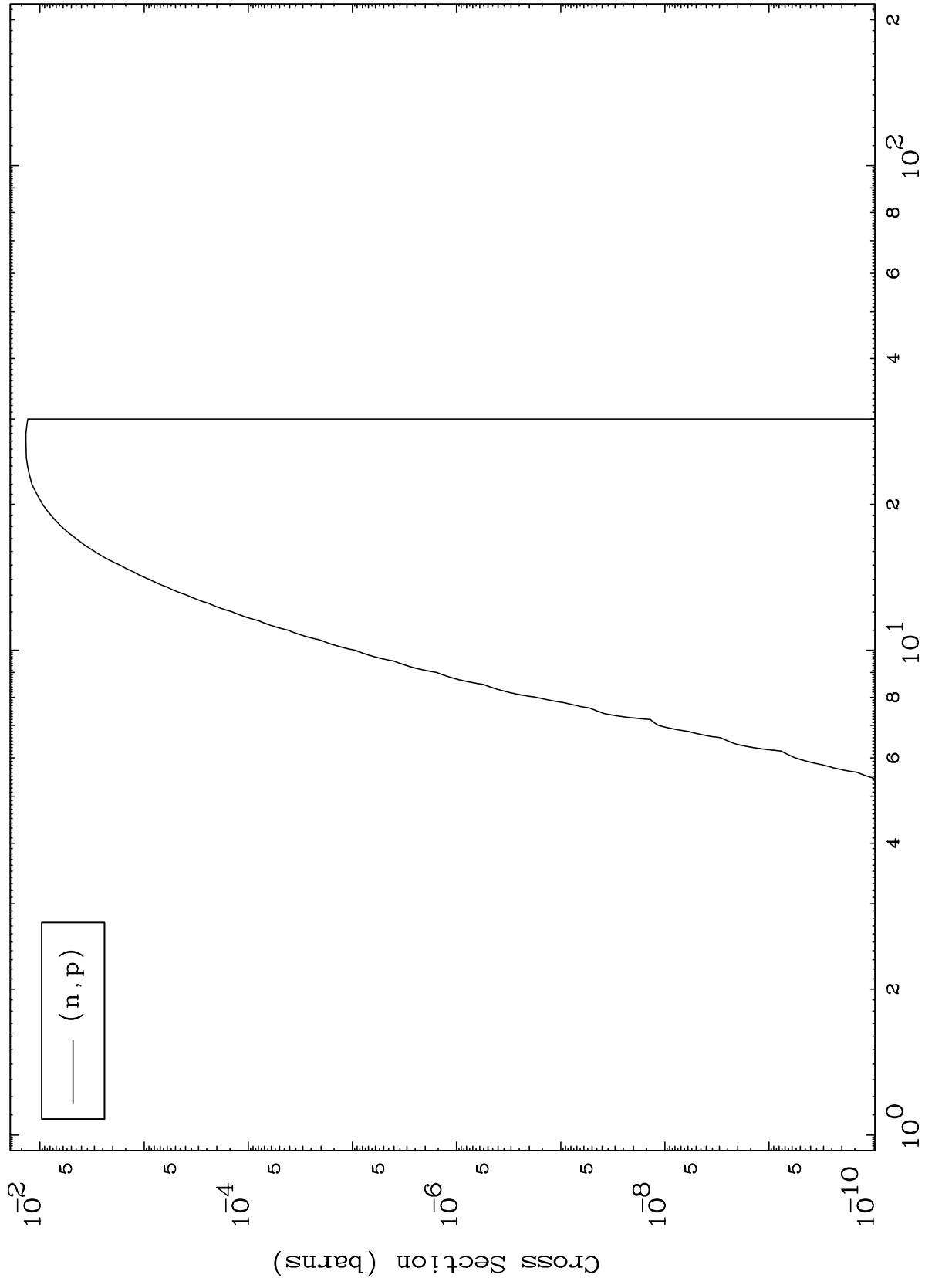
Incident Energy (MeV)

98-Cf-250

MAT 9855

(n,p) Levels  
293 Kelvin Cross Sections

98-Cf-250



11

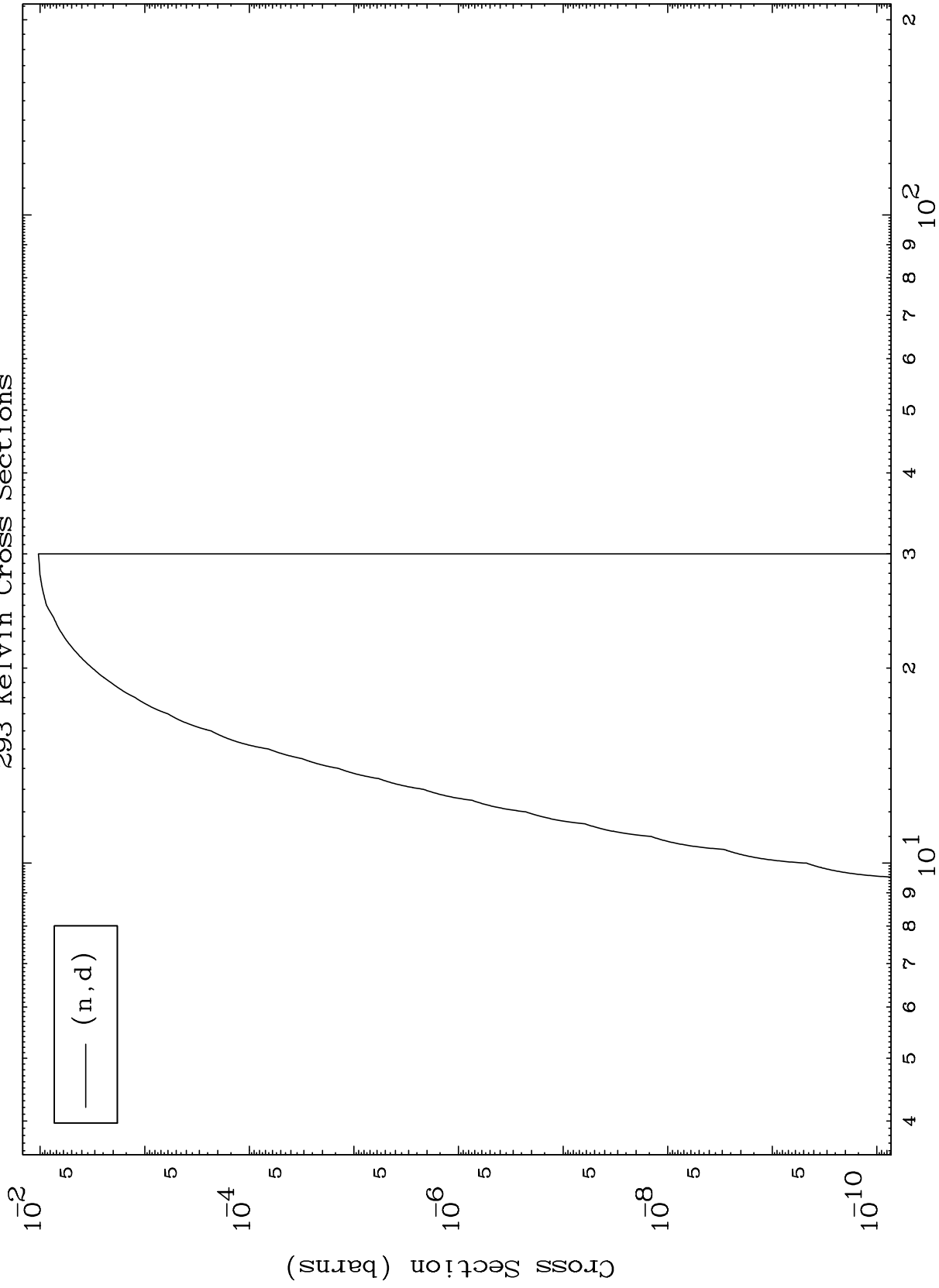
Incident Energy (MeV)

98-Cf-250

MAT 9855

98-Cf-250

(n,d) Levels  
293 Kelvin Cross Sections



12

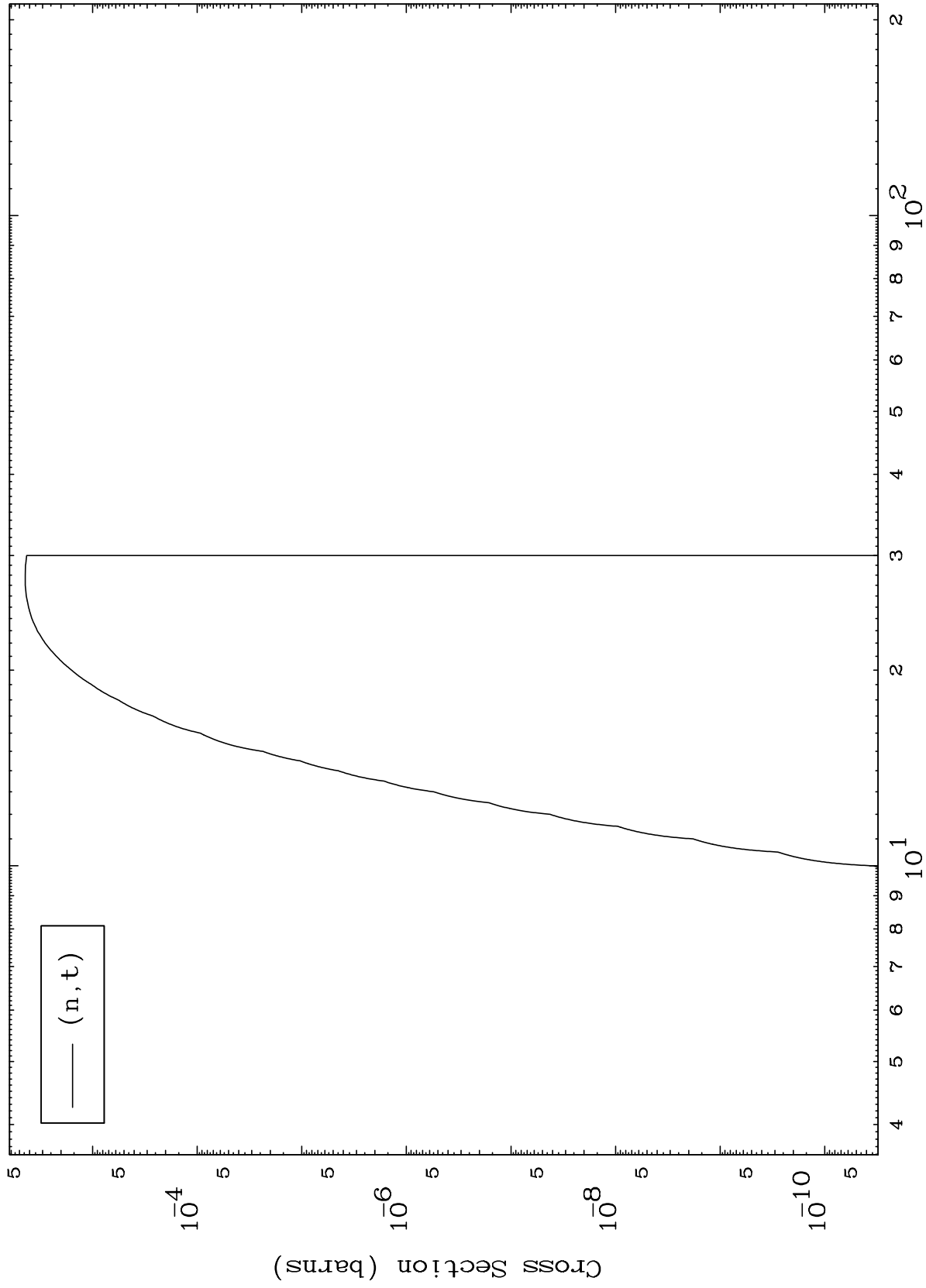
Incident Energy (MeV)

98-Cf-250

MAT 9855

(n,t) Levels  
293 Kelvin Cross Sections

98-Cf-250



13

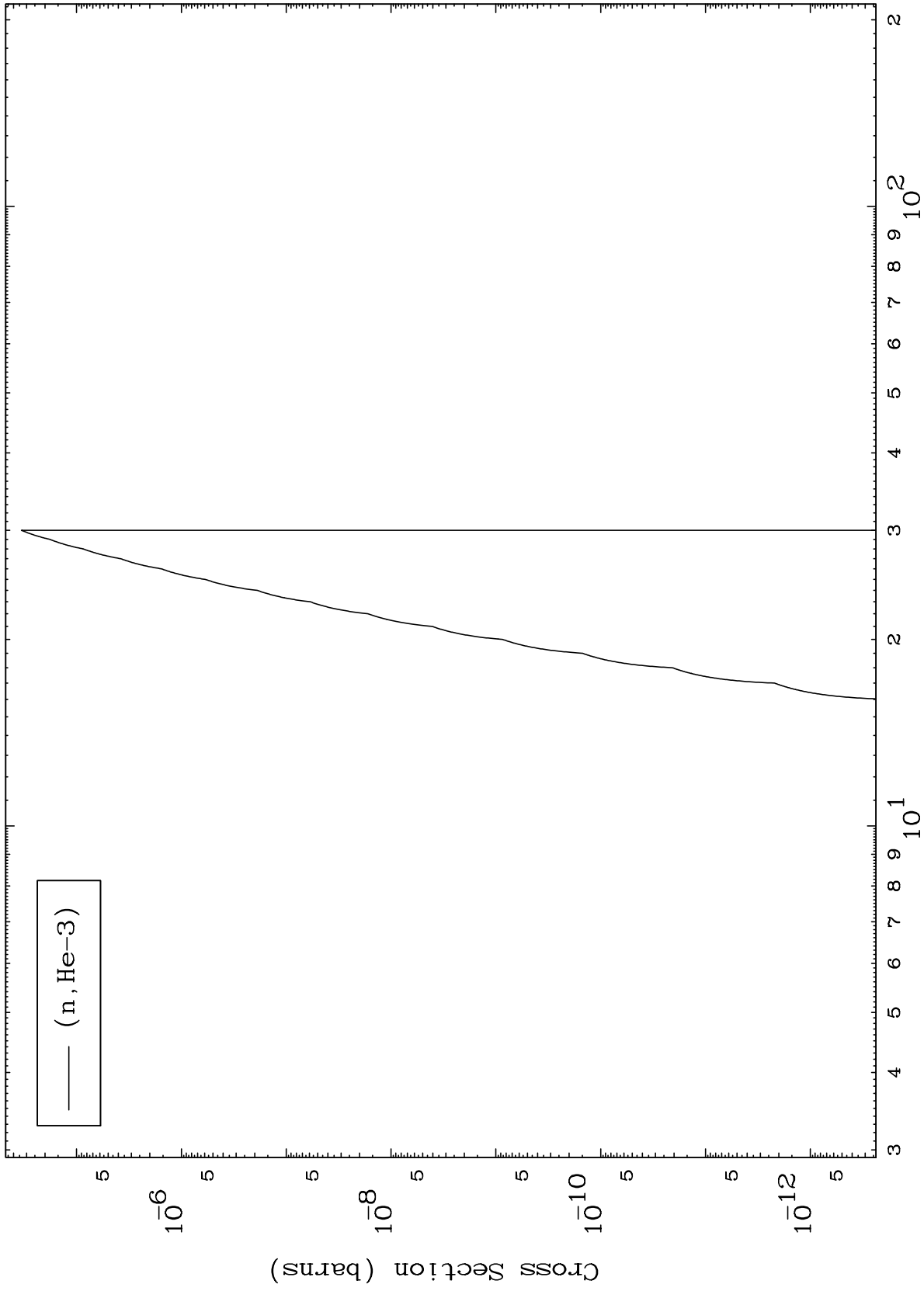
Incident Energy (MeV)

98-Cf-250

MAT 9855

(n,He3) Levels  
293 Kelvin Cross Sections

98-Cf-250



14

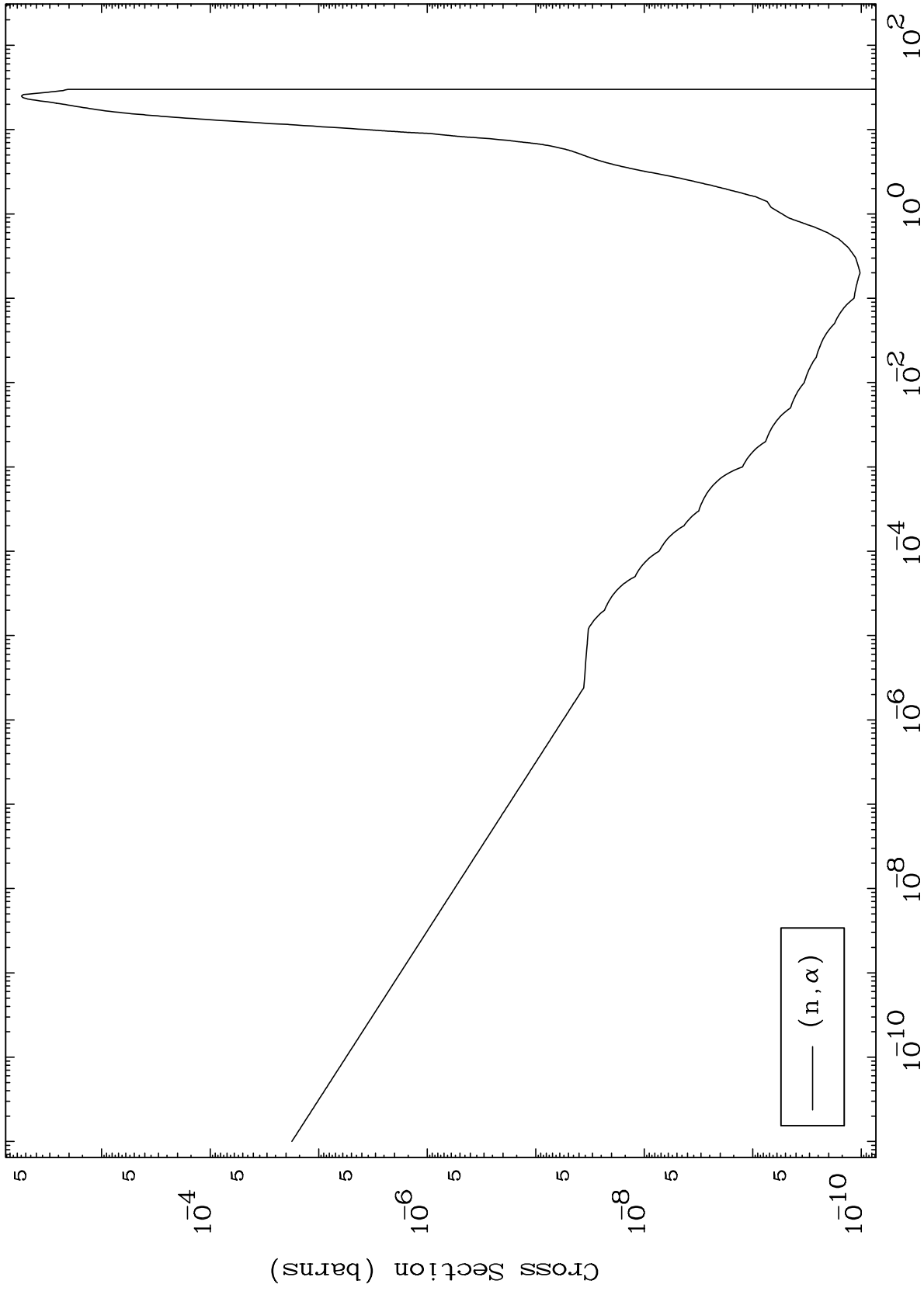
Incident Energy (MeV)

98-Cf-250

MAT 9855

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

98-Cf-250

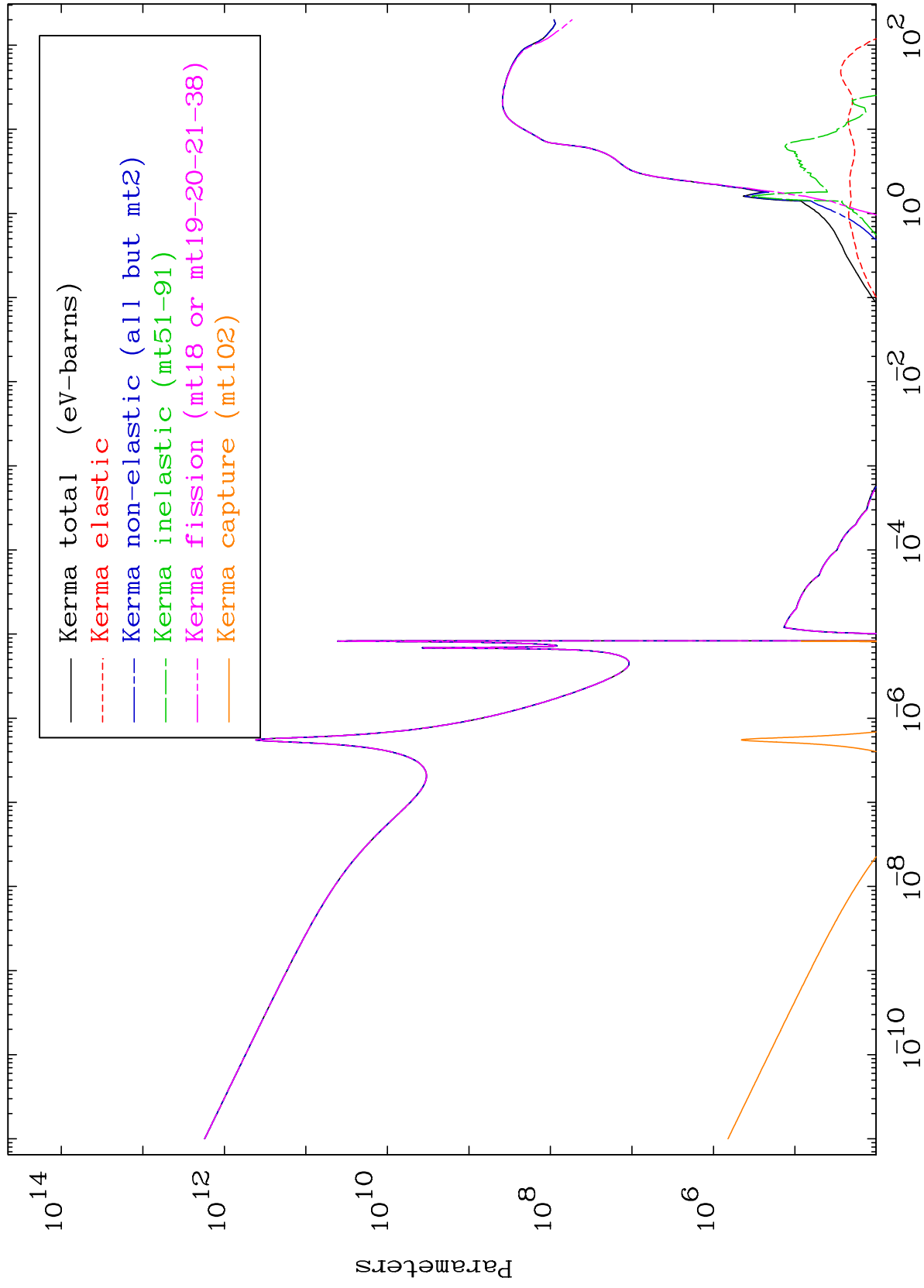


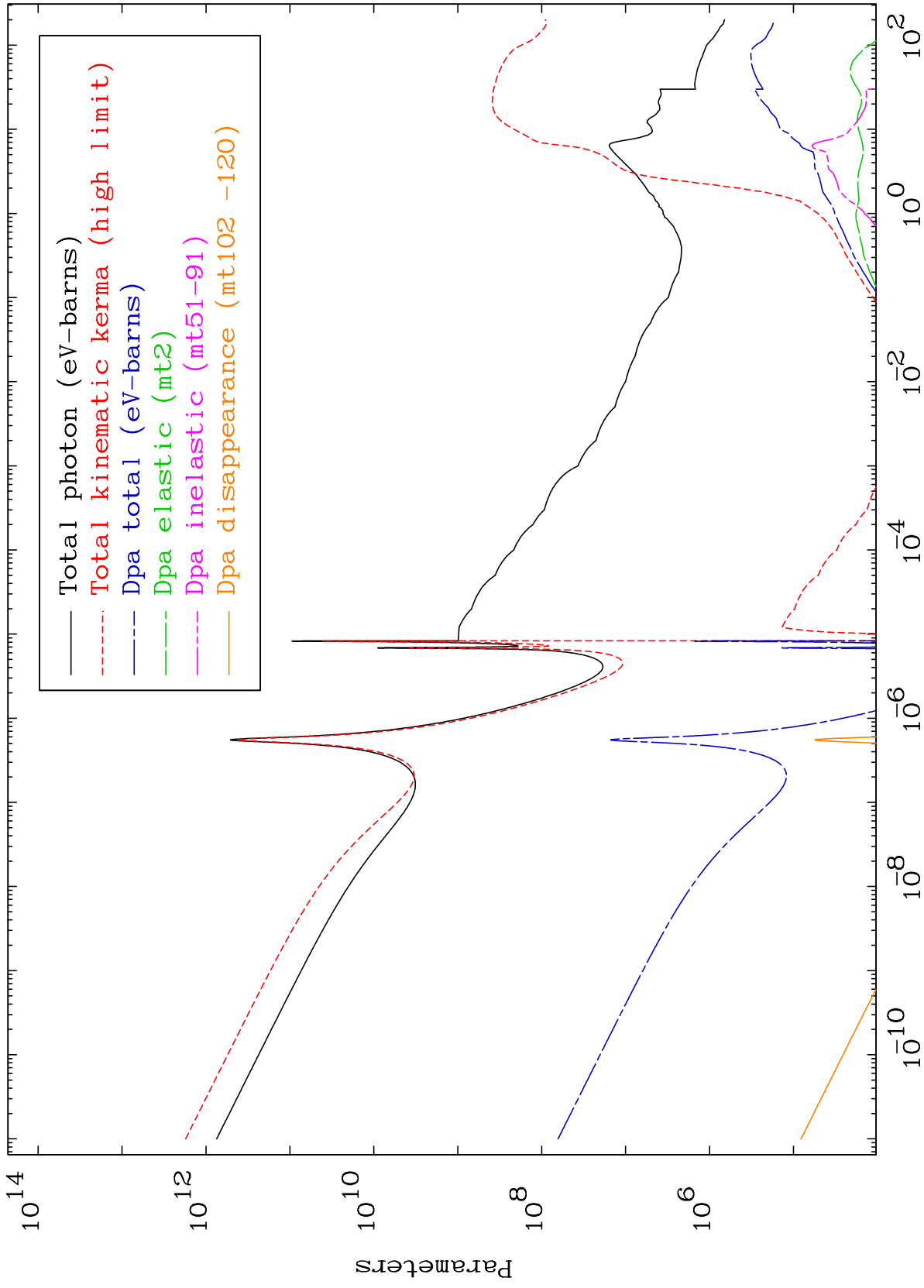
15

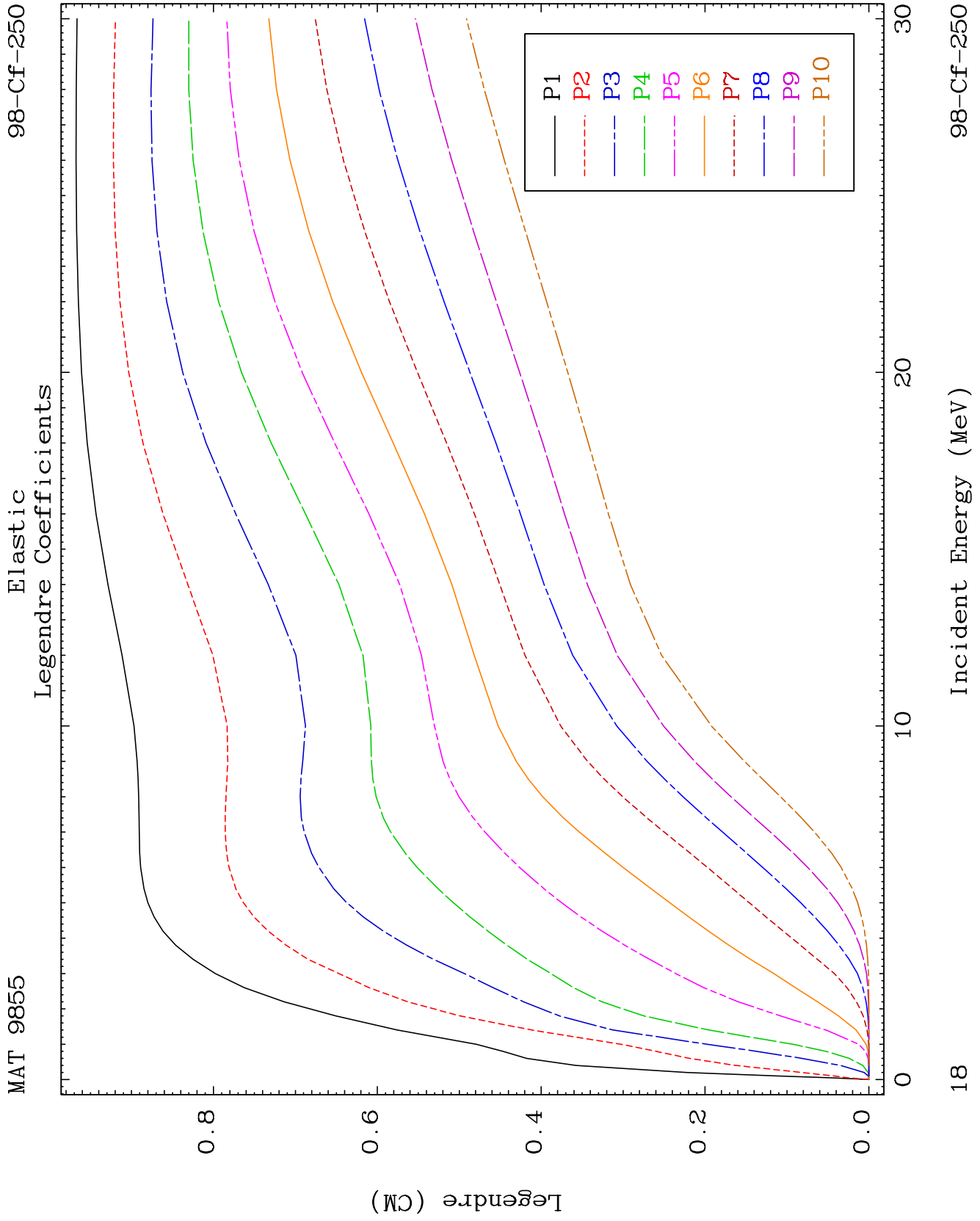
Incident Energy (MeV)

98-Cf-250





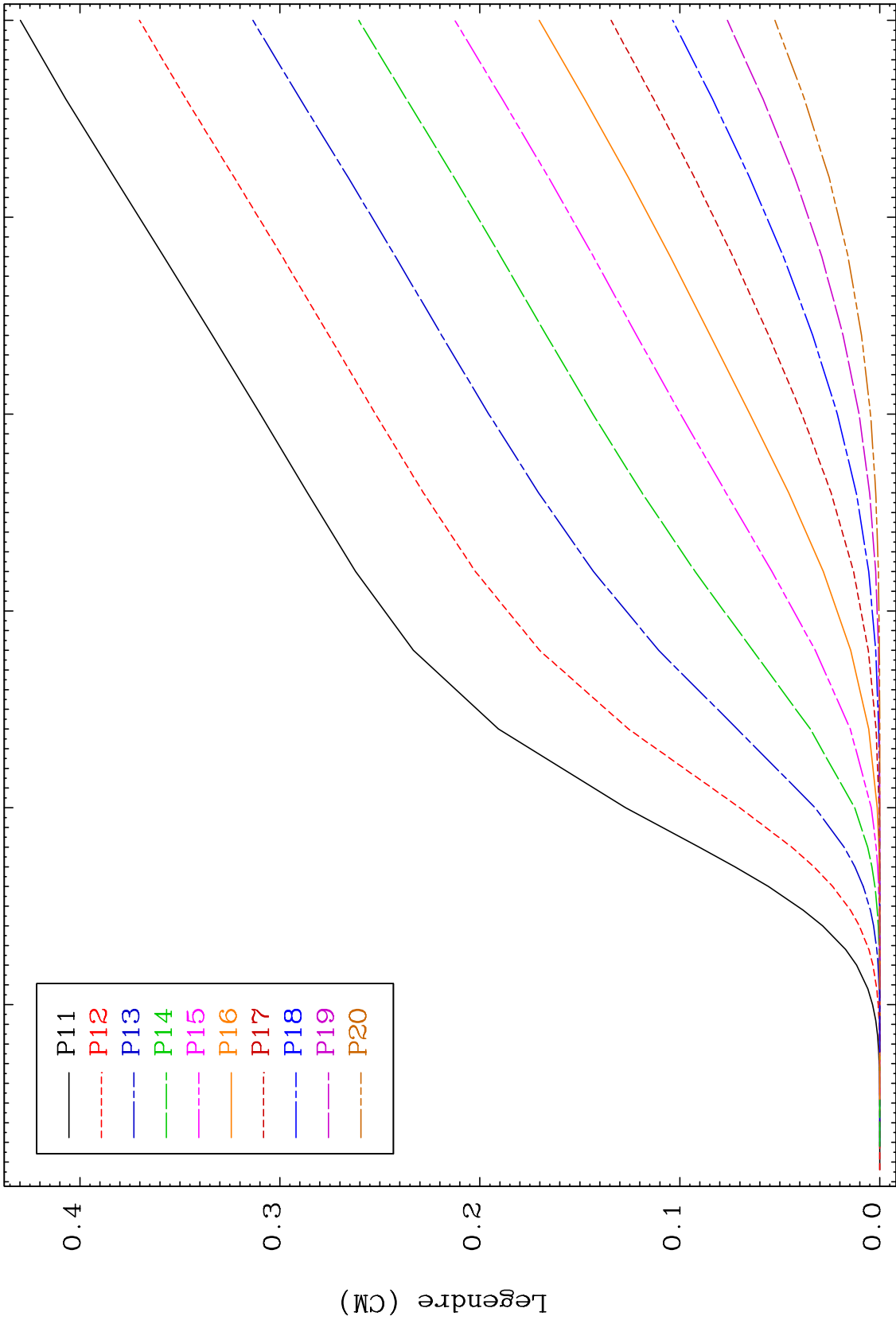




MAT 9855

Elastic Legendre Coefficients

98-Cf-250



19

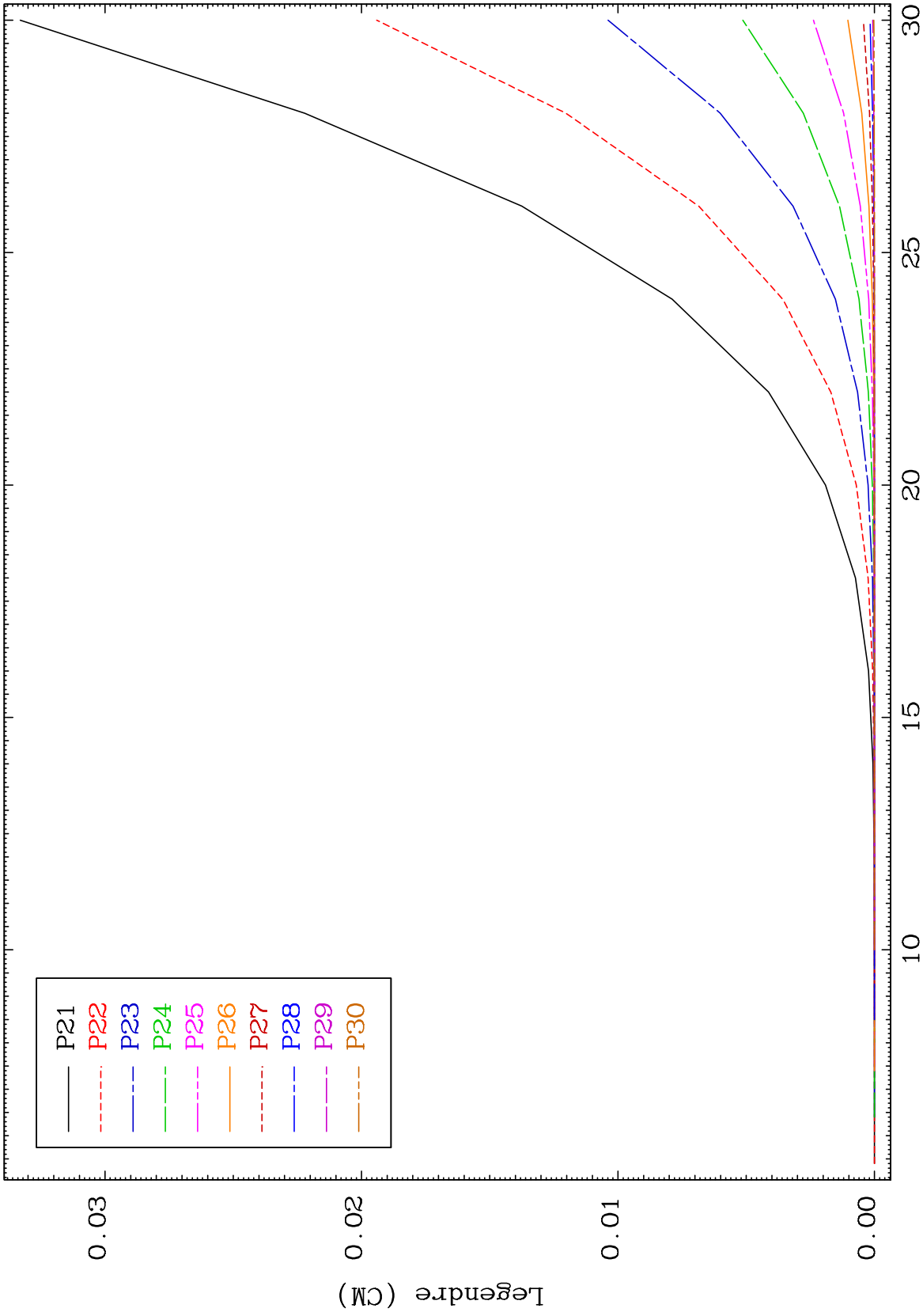
Incident Energy (MeV)

98-Cf-250

MAT 9855

### Elastic Legendre Coefficients

98-Cf-250



20

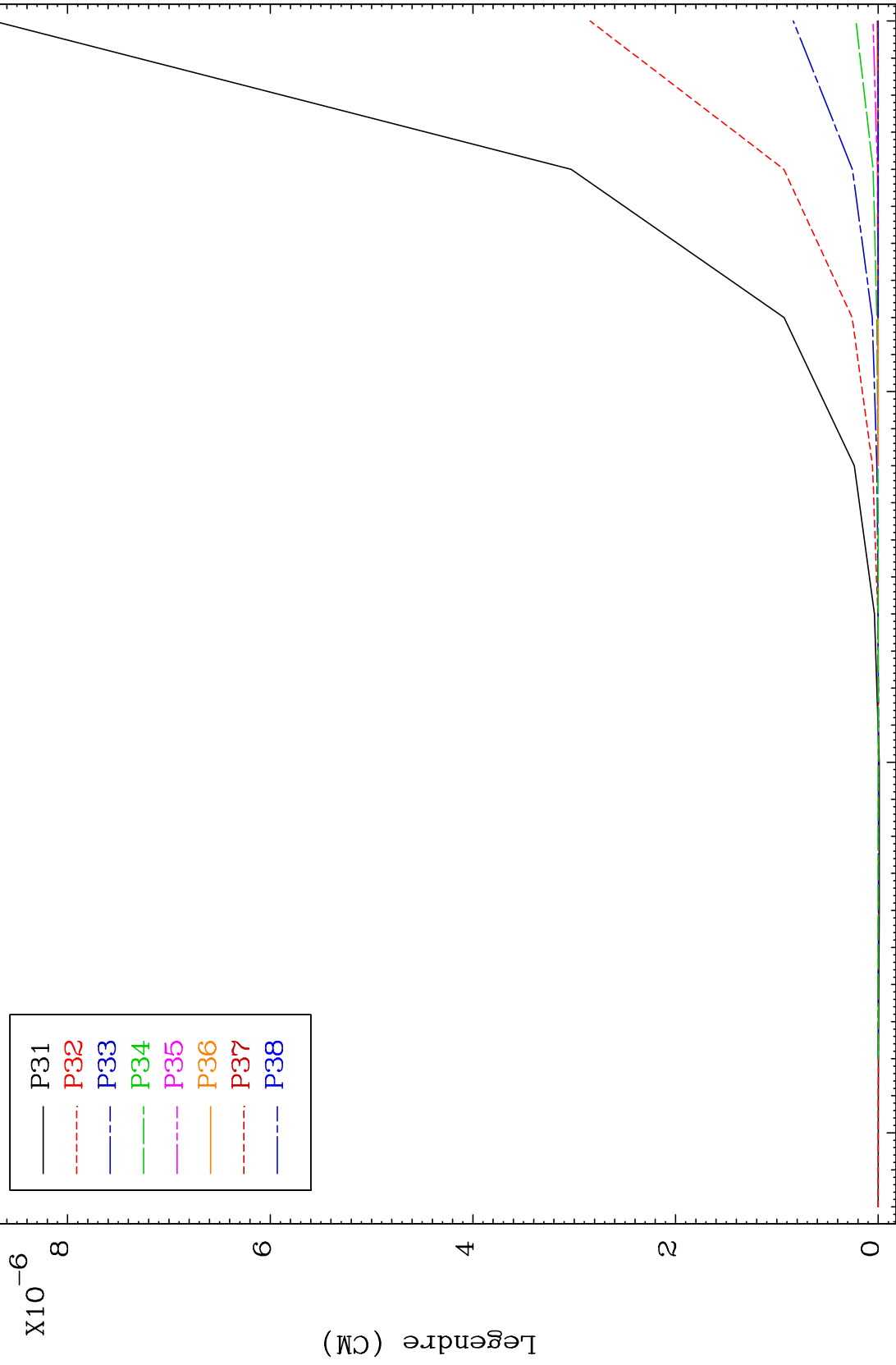
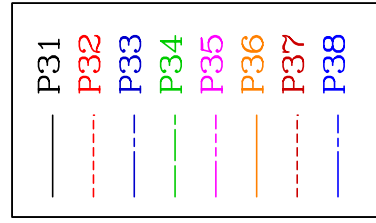
Incident Energy (MeV)

98-Cf-250

MAT 9855

Elastic Legendre Coefficients

98-Cf-250



21

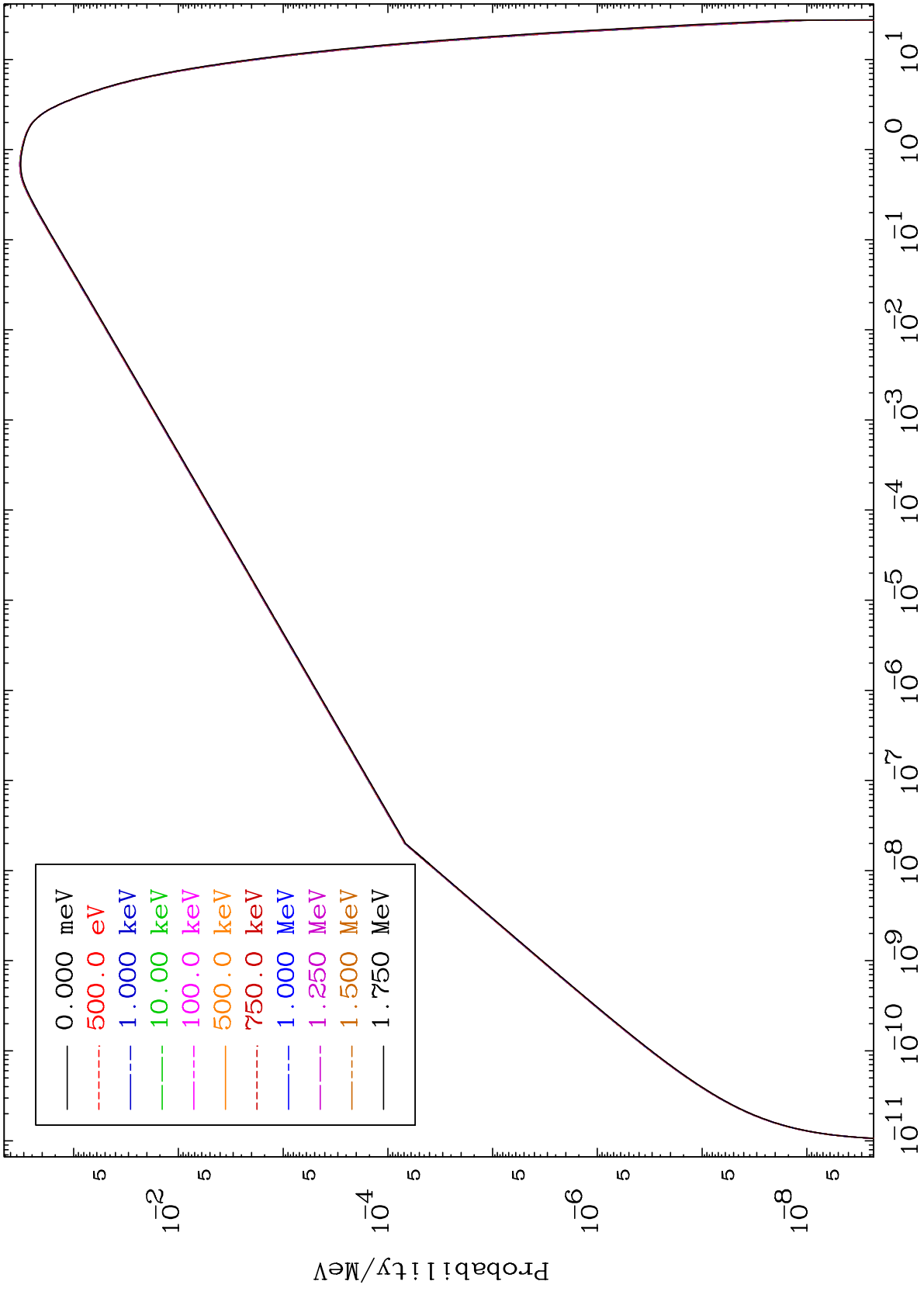
Incident Energy (MeV)

98-Cf-250

MAT 9855

### Fission Energy Distribution

98-Cf-250



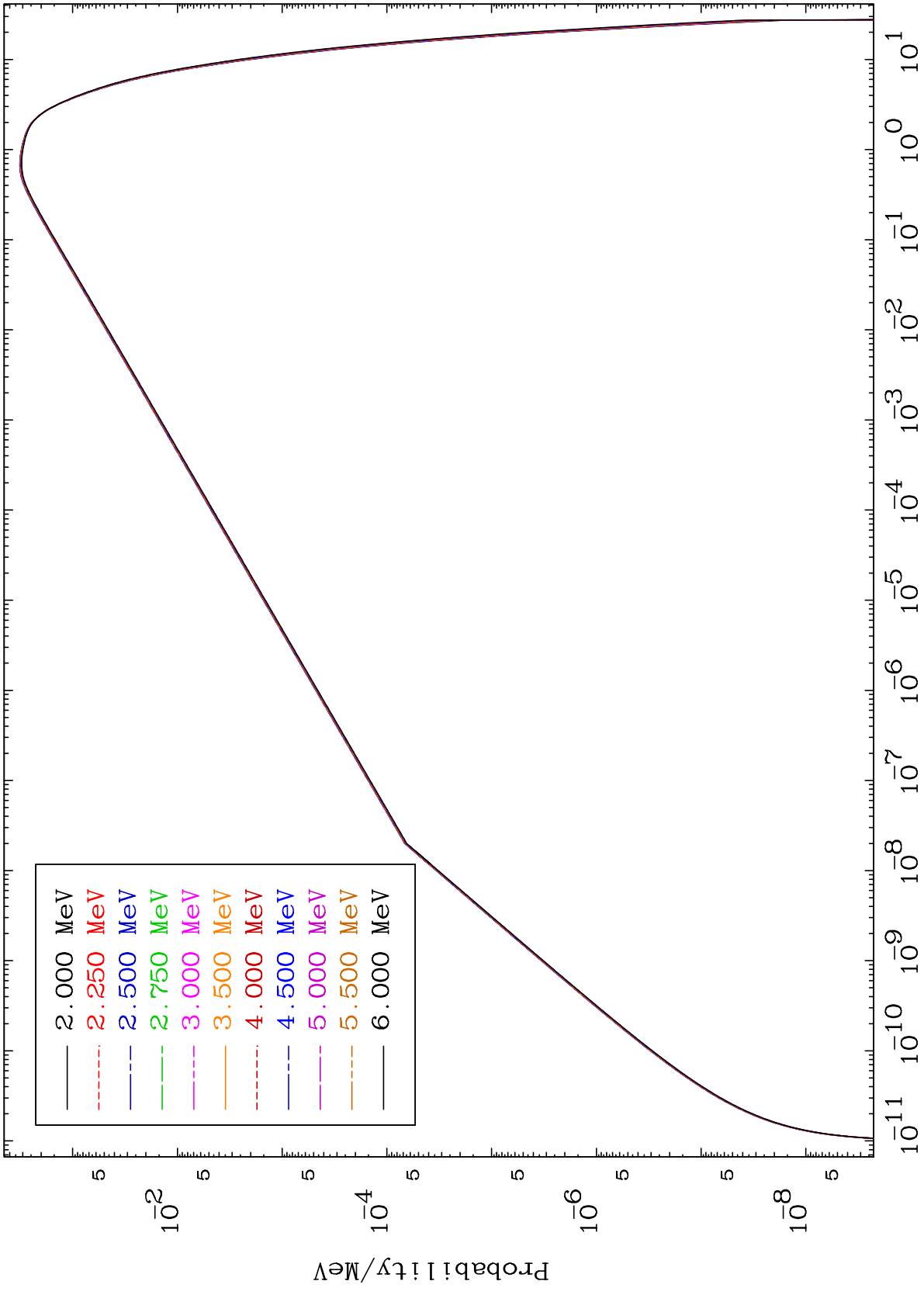
98-Cf-250

Secondary Energy (MeV)

MAT 9855

### Fission Energy Distribution

98-Cf-250



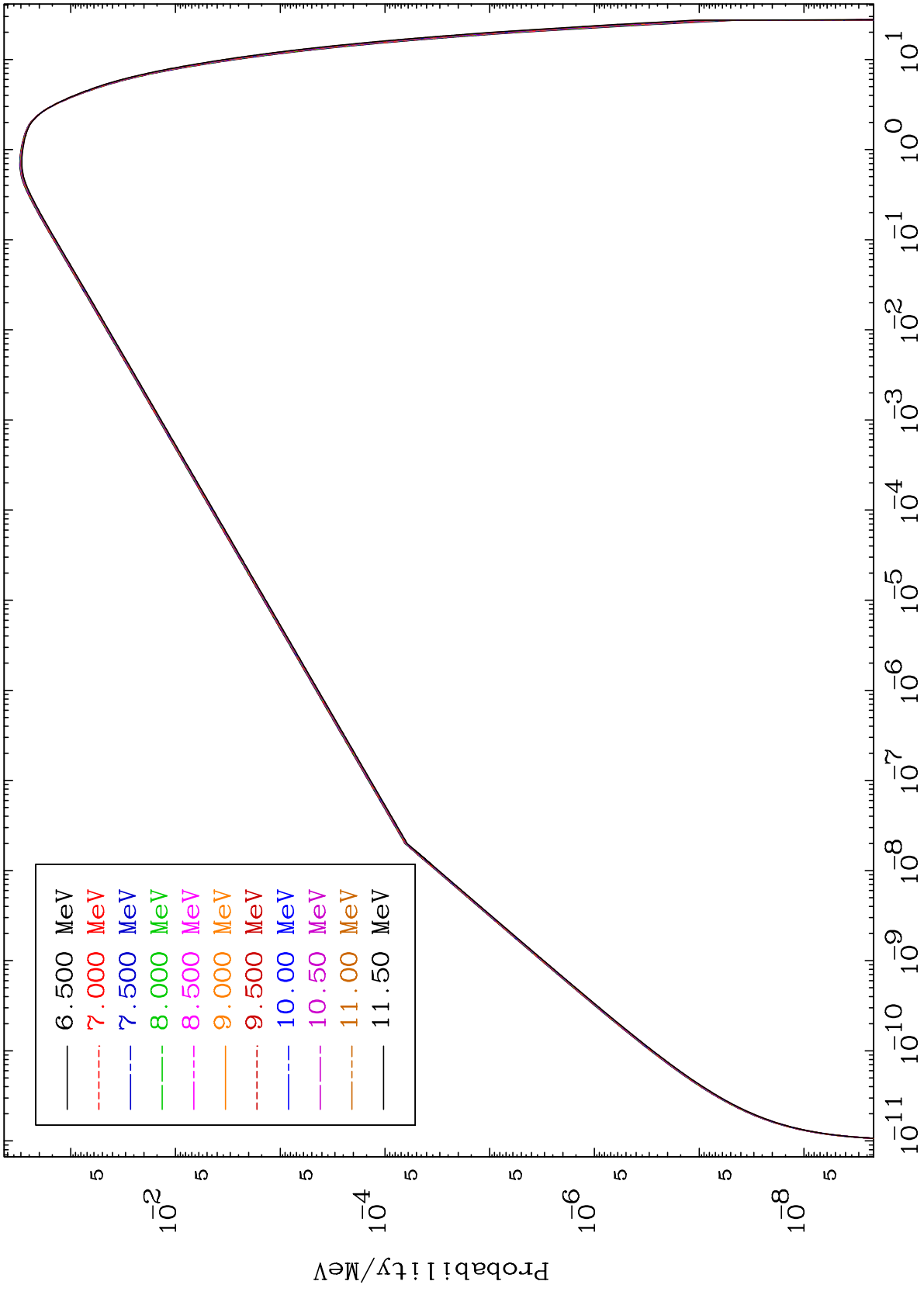
98-Cf-250



MAT 9855

### Fission Energy Distribution

98-Cf-250

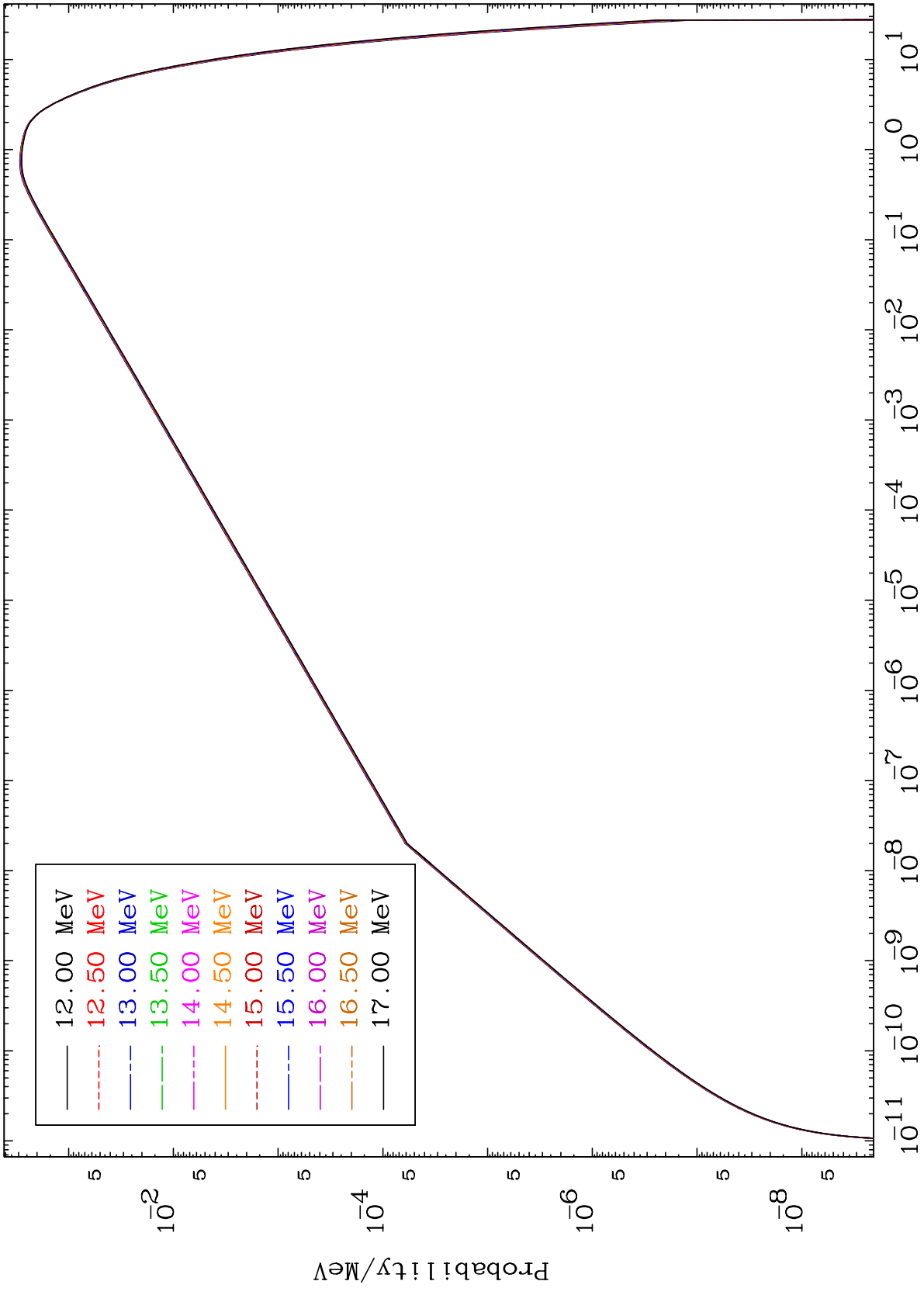


98-Cf-250

MAT 9855

### Fission Energy Distribution

98-Cf-250

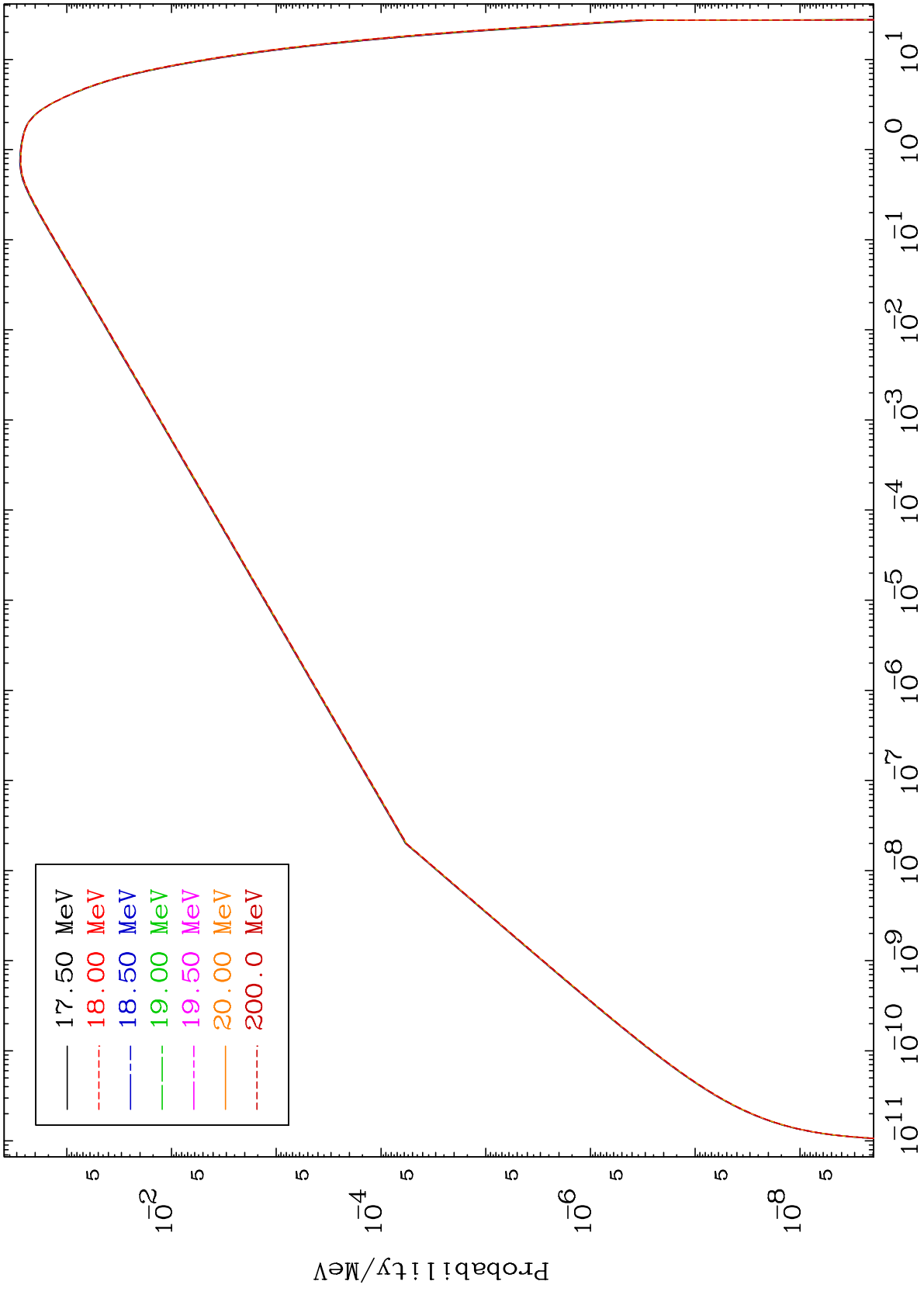


98-Cf-250

MAT 9855

### Fission Energy Distribution

98-Cf-250



|           |       |     |
|-----------|-------|-----|
| —         | 17.50 | MeV |
| - - -     | 18.00 | MeV |
| - · - · - | 18.50 | MeV |
| - - -     | 19.00 | MeV |
| - · - · - | 19.50 | MeV |
| - - -     | 20.00 | MeV |
| - - -     | 200.0 | MeV |

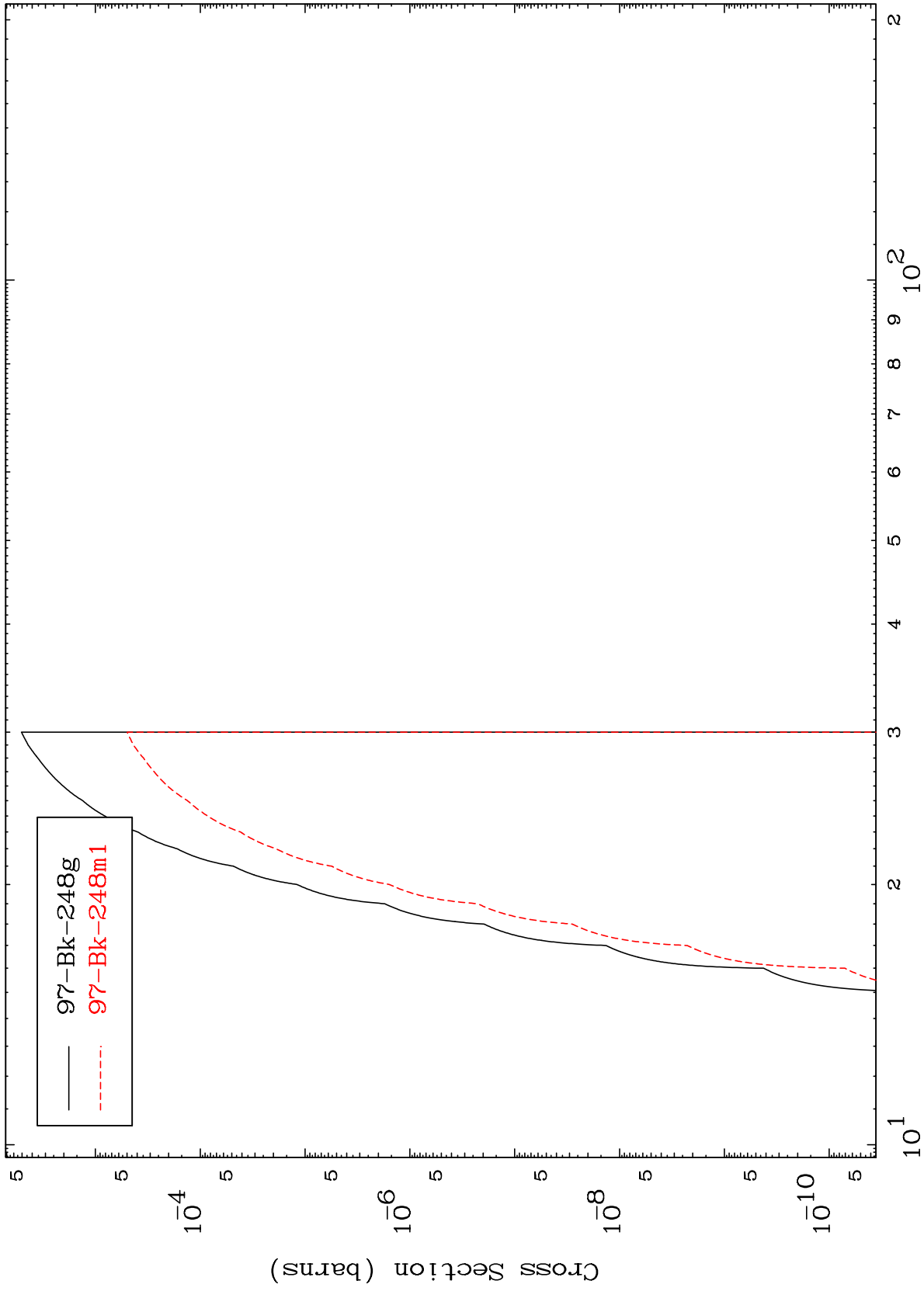
98-Cf-250

MAT 9855

(n,n') d

98-Cf-250

Radionuclide Production Cross Section



27

Incident Energy (MeV)

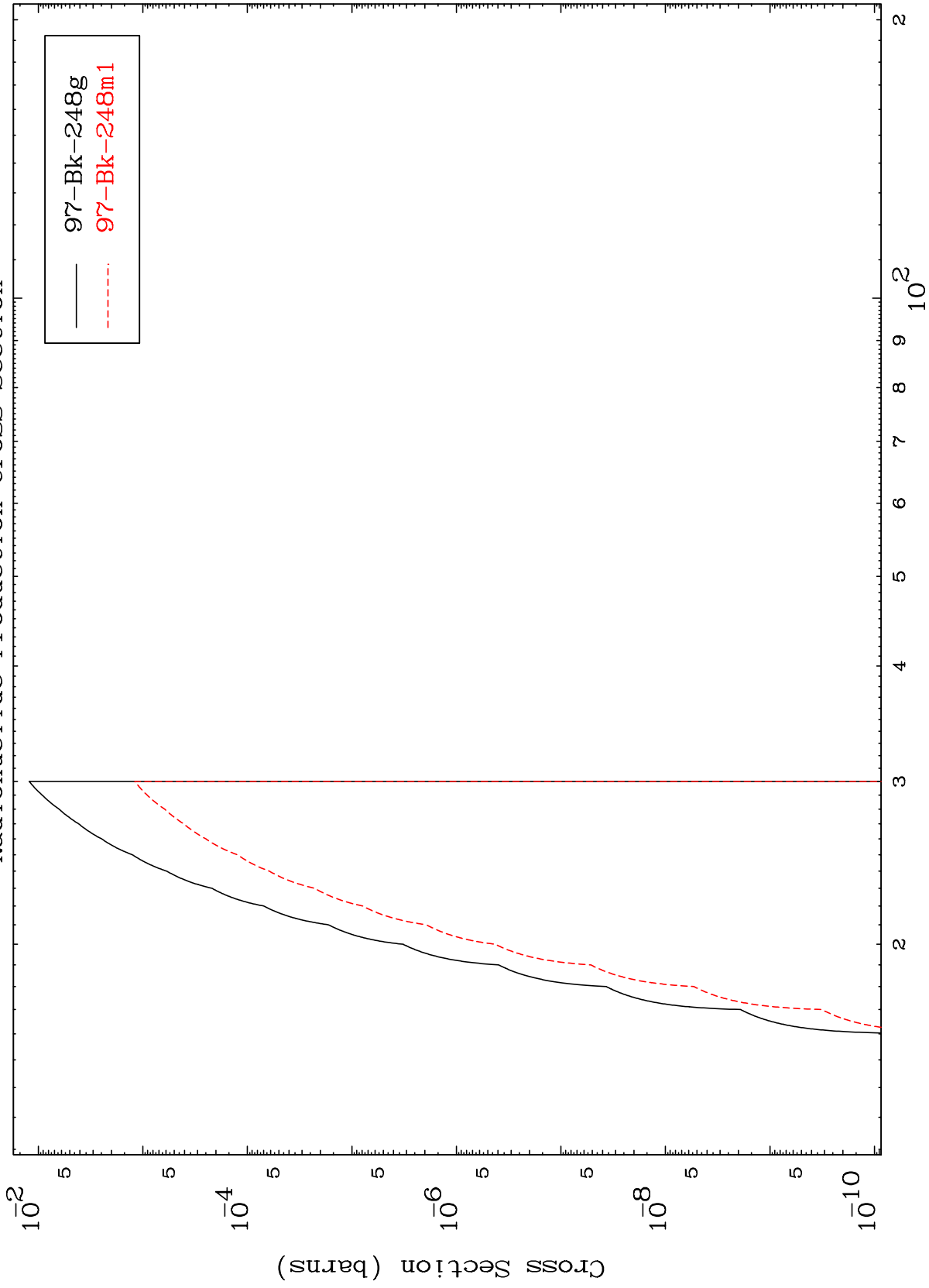
98-Cf-250

MAT 9855

(n,2n) p

98-Cf-250

Radionuclide Production Cross Section



28

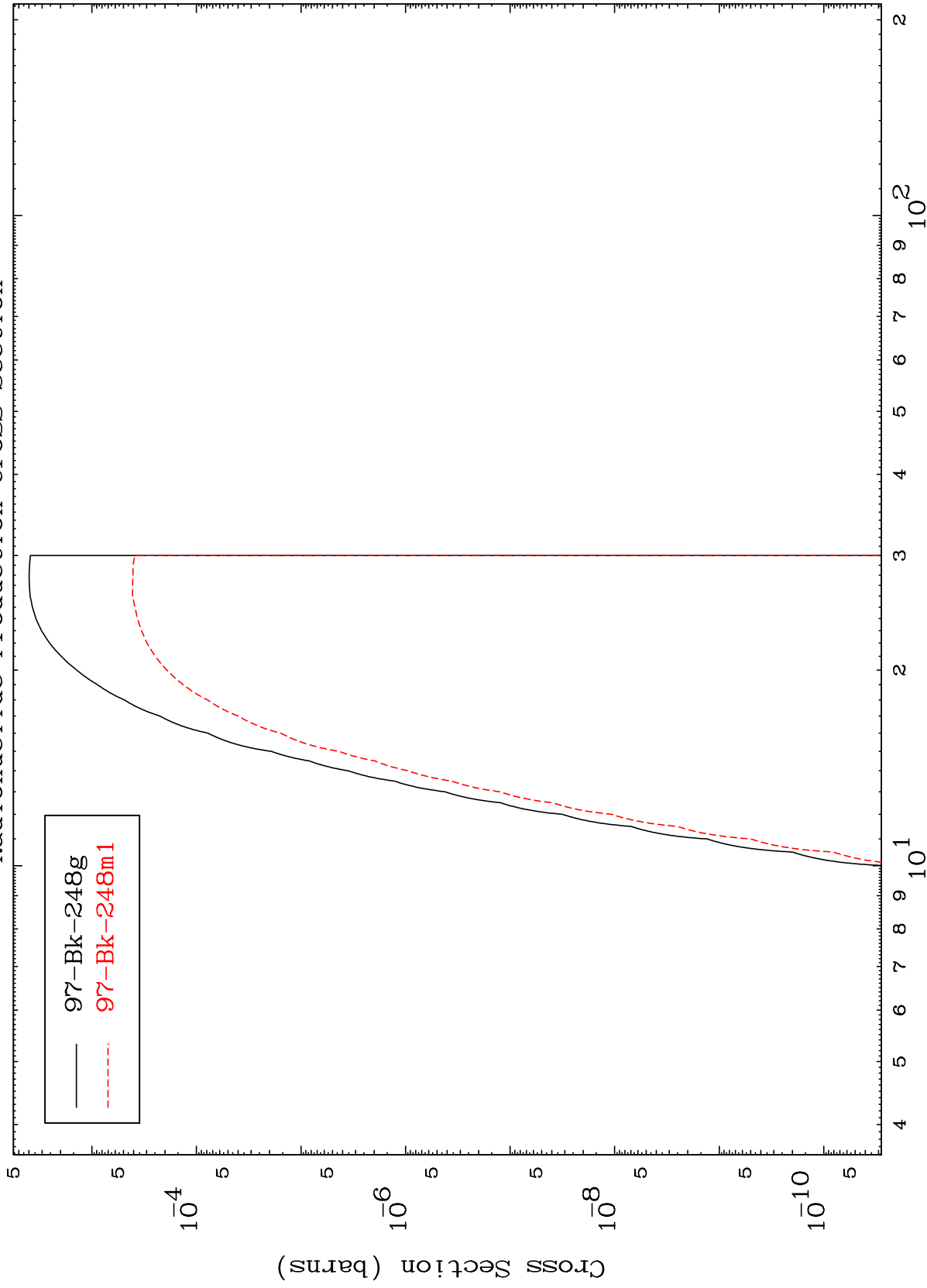
Incident Energy (MeV)

98-Cf-250

MAT 9855

98-Cf-250

(n, t)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

98-Cf-250