

Program EVALPLOT  
(Version 2017-1)

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

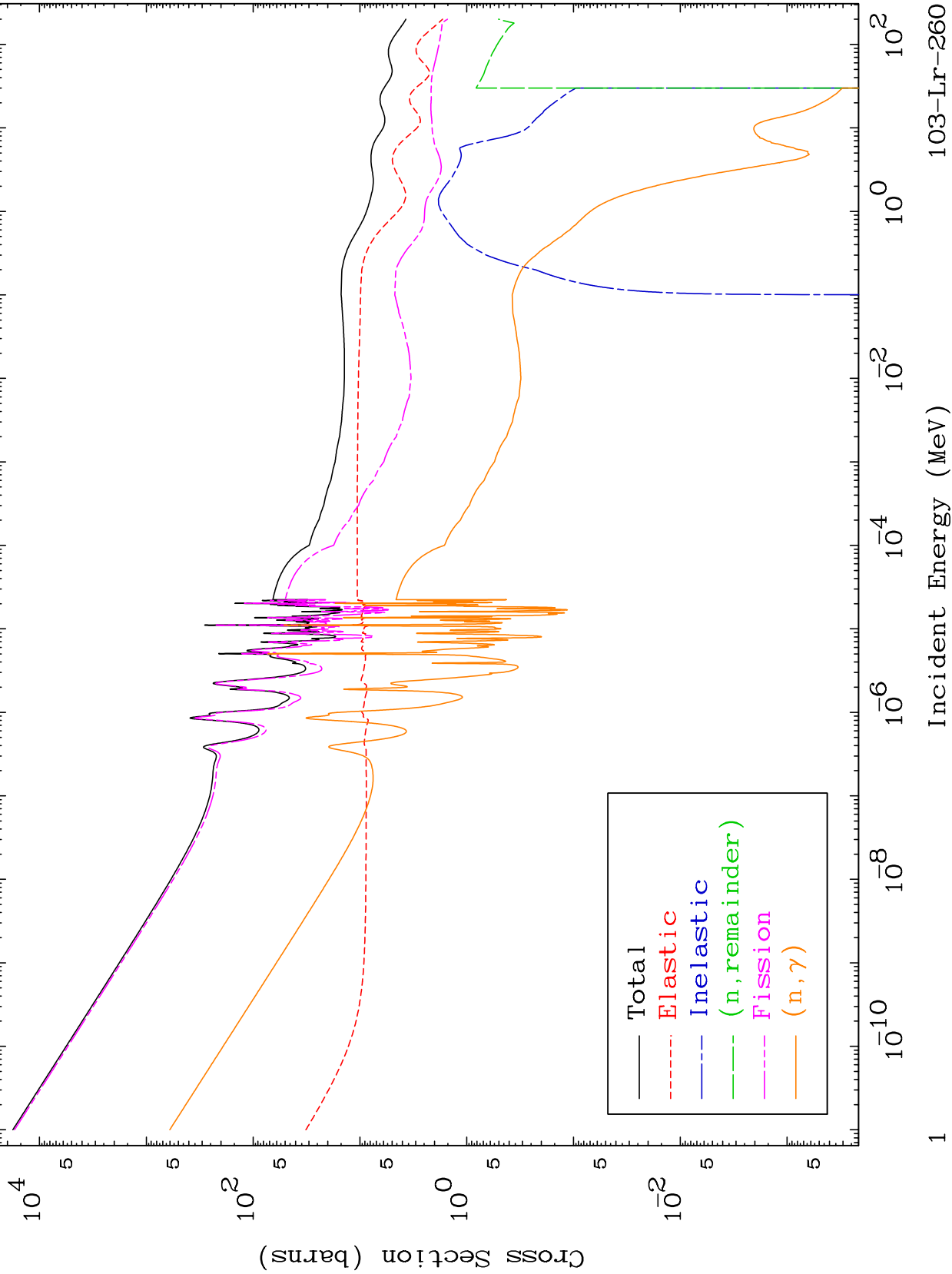
Press Mouse Button to Start

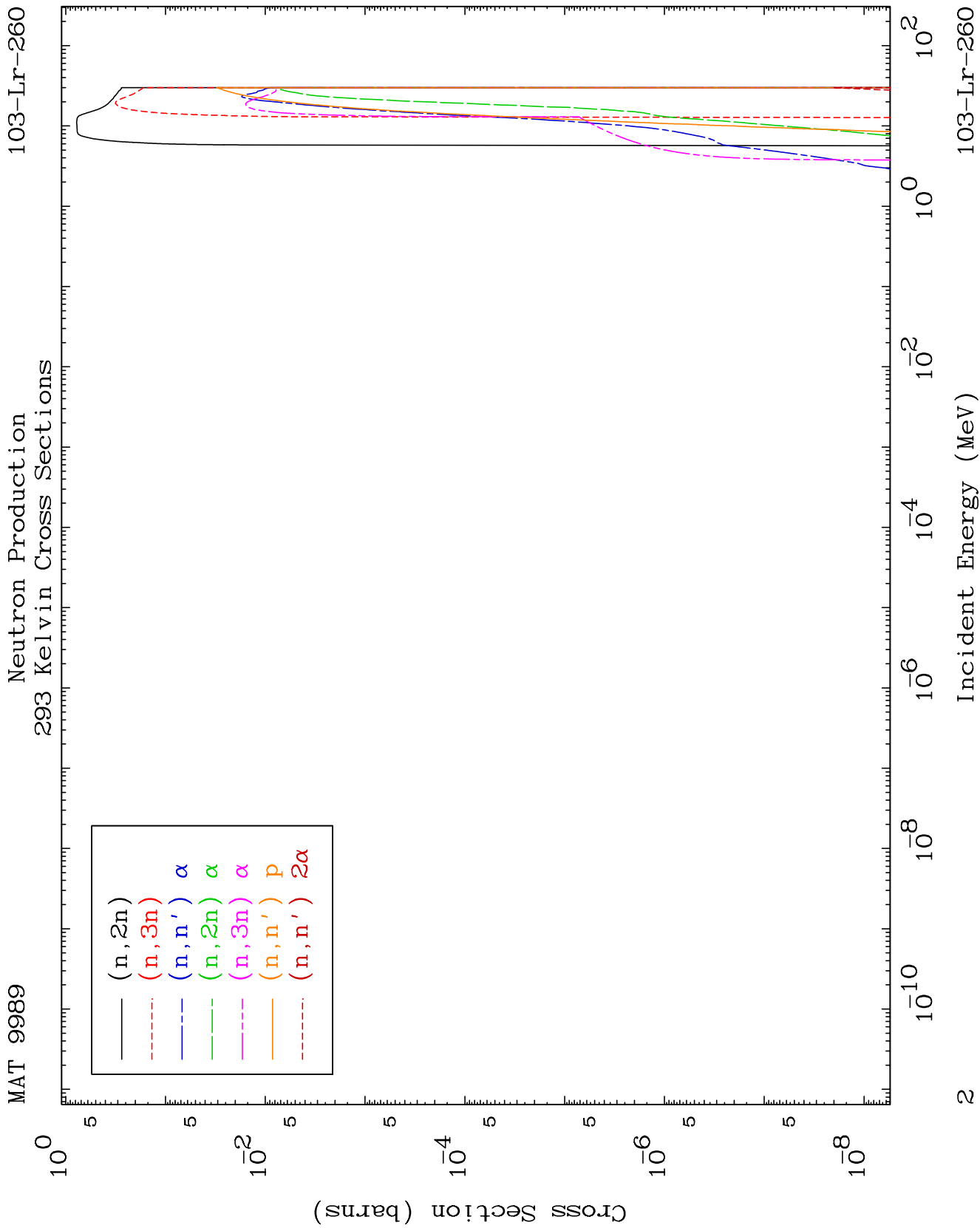
MAT 9989

Major

293 Kelvin Cross Sections

103-Lr-260

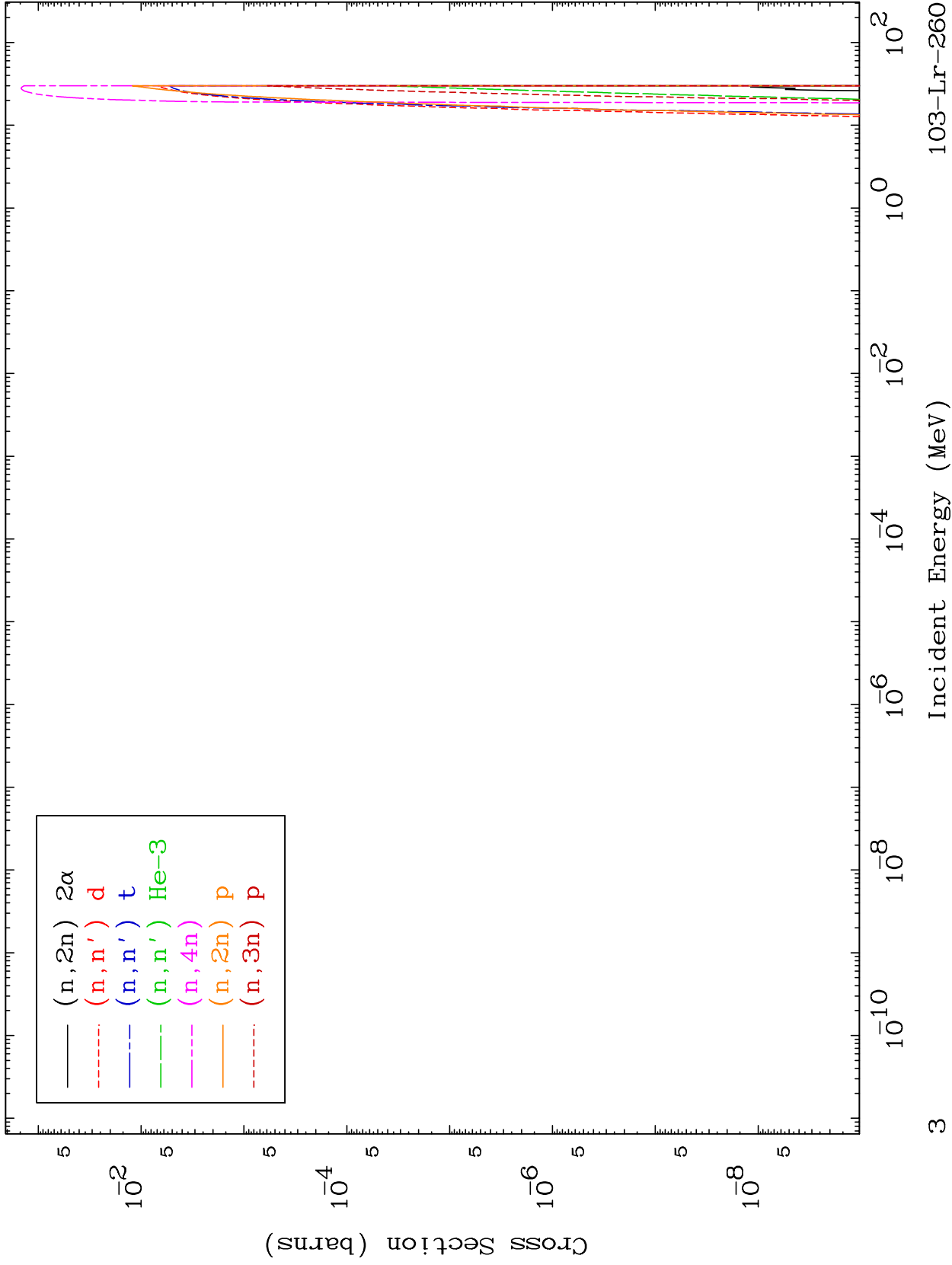




MAT 9989

Neutron Production  
293 Kelvin Cross Sections

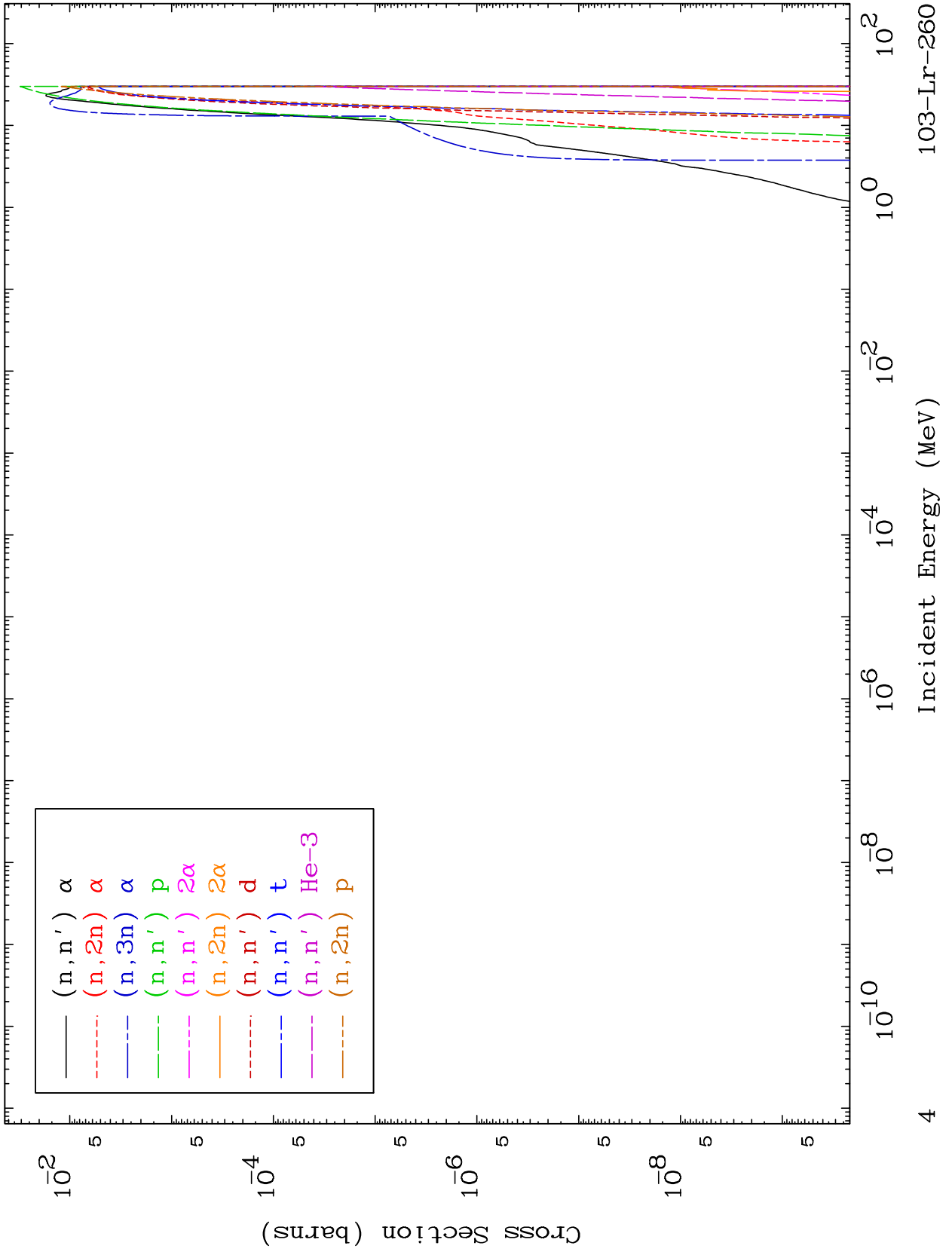
103-Lr-260



MAT 9989

Charged Particle  
293 Kelvin Cross Sections

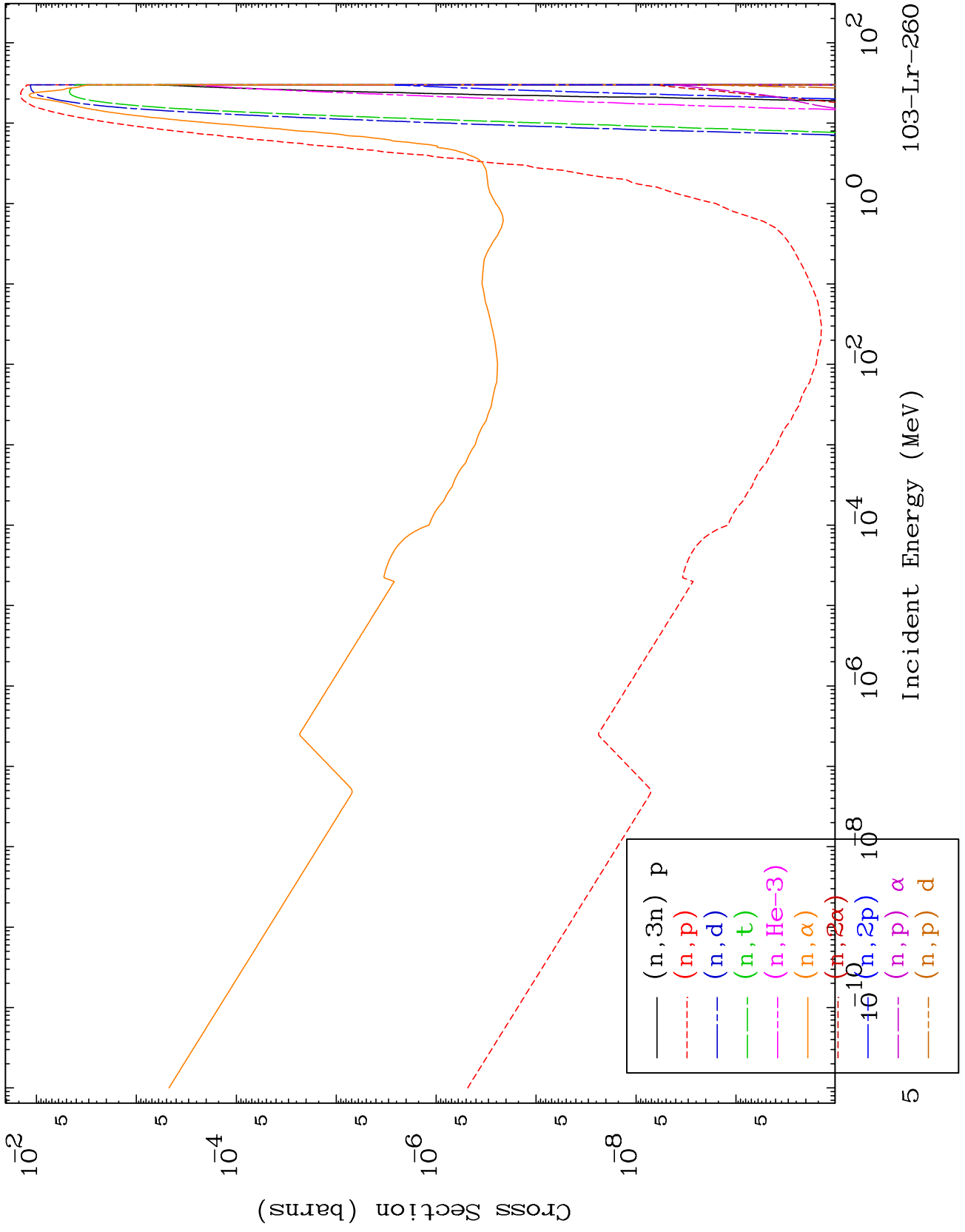
103-Lr-260



MAT 9989

Charged Particle  
293 Kelvin Cross Sections

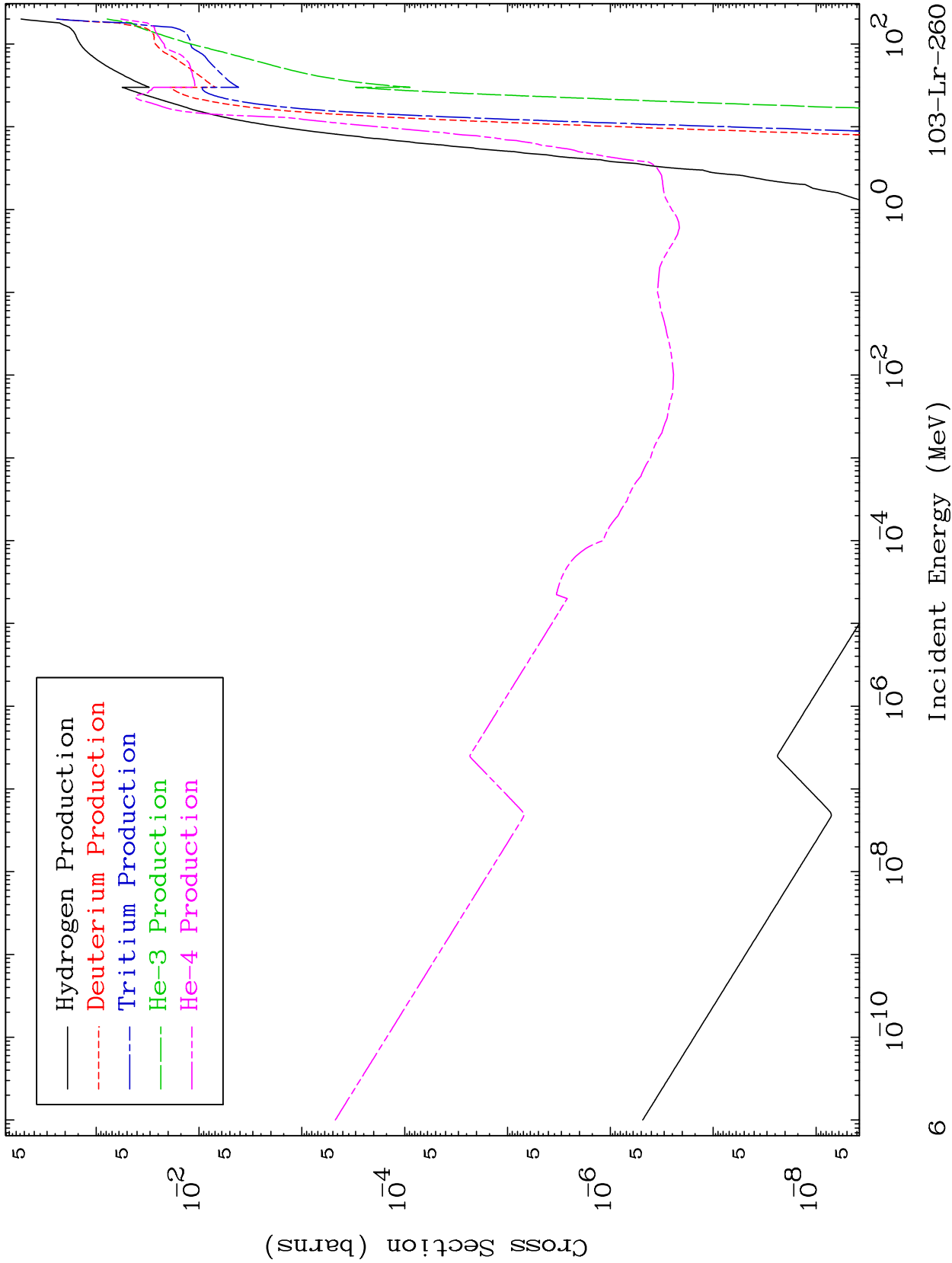
103-Lr-260



MAT 9989

Particle Production  
293 Kelvin Cross Sections

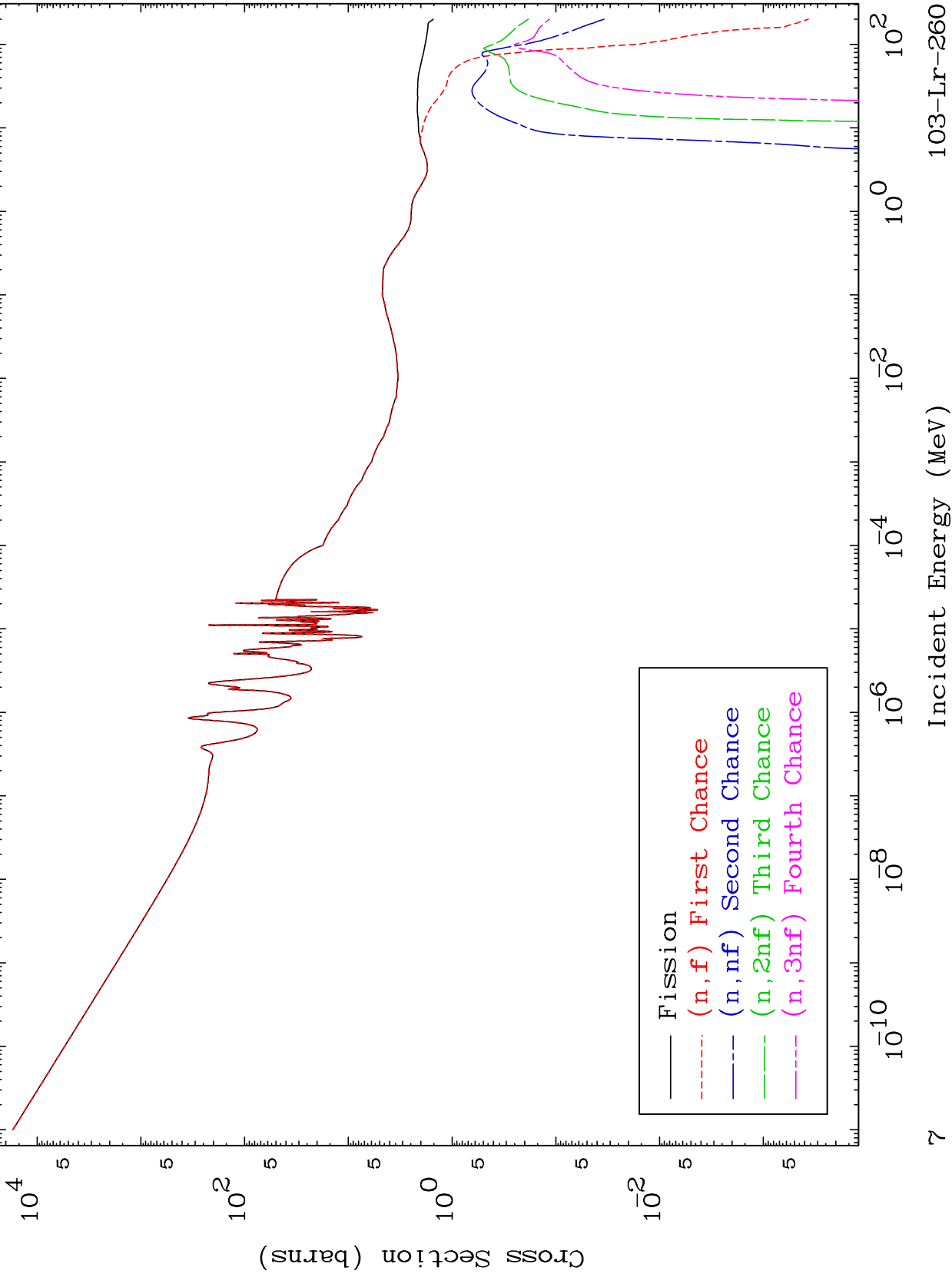
103-Lr-260



MAT 9989

Fission  
293 Kelvin Cross Sections

103-Lr-260



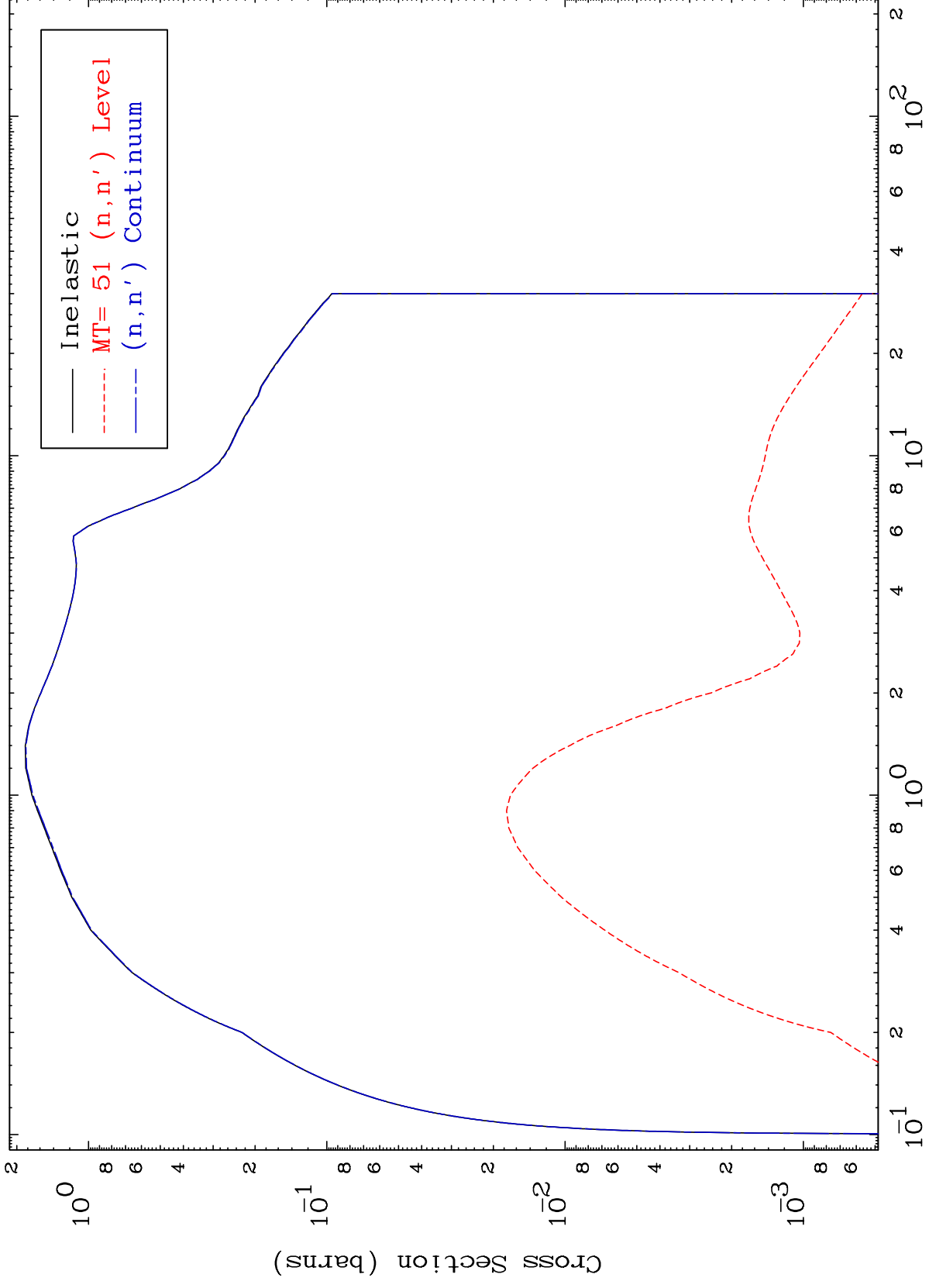


MAT 9989

(n,n') Level

103-Lr-260

293 Kelvin Cross Sections



Incident Energy (MeV)

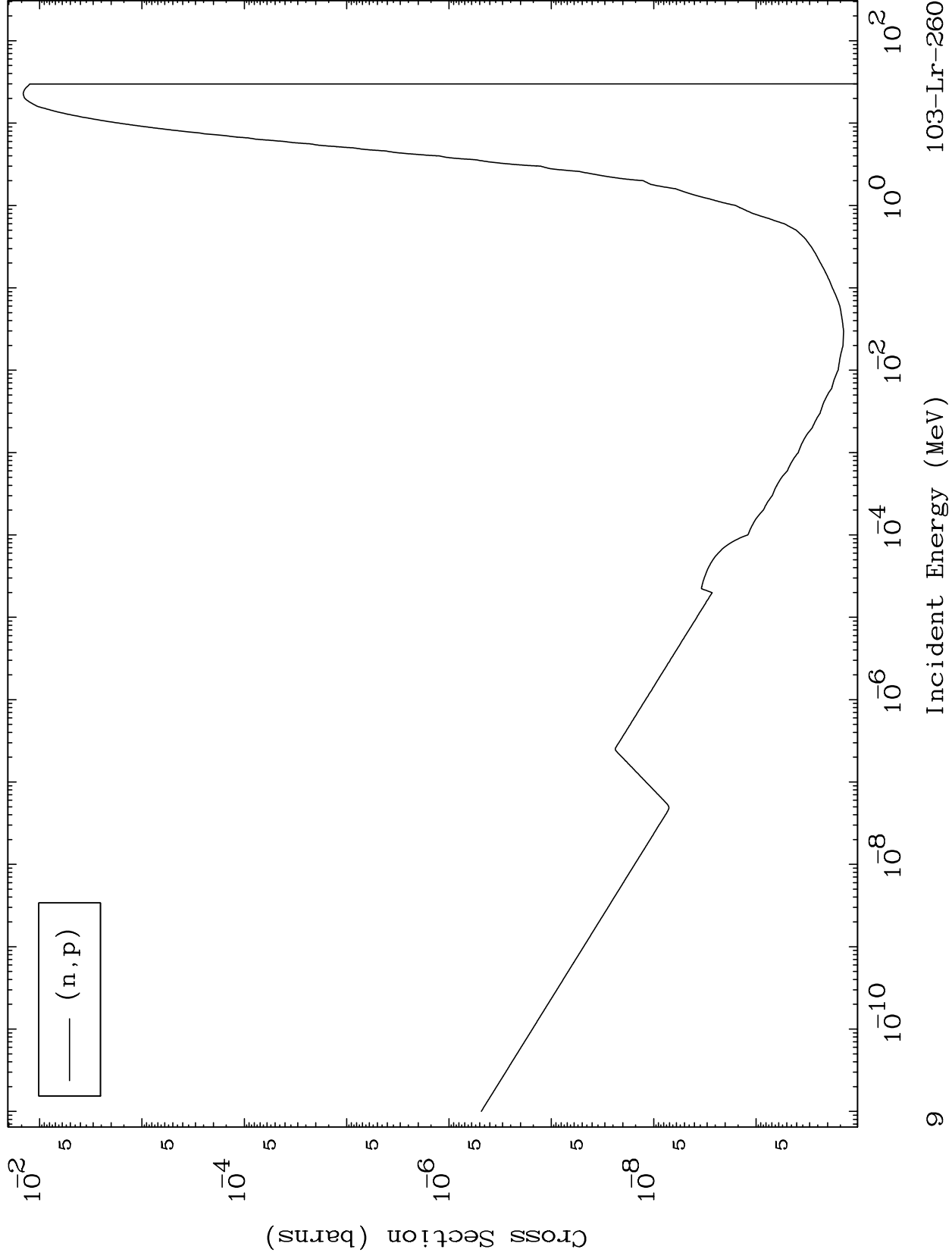
103-Lr-260

8

MAT 9989

(n,p) Levels  
293 Kelvin Cross Sections

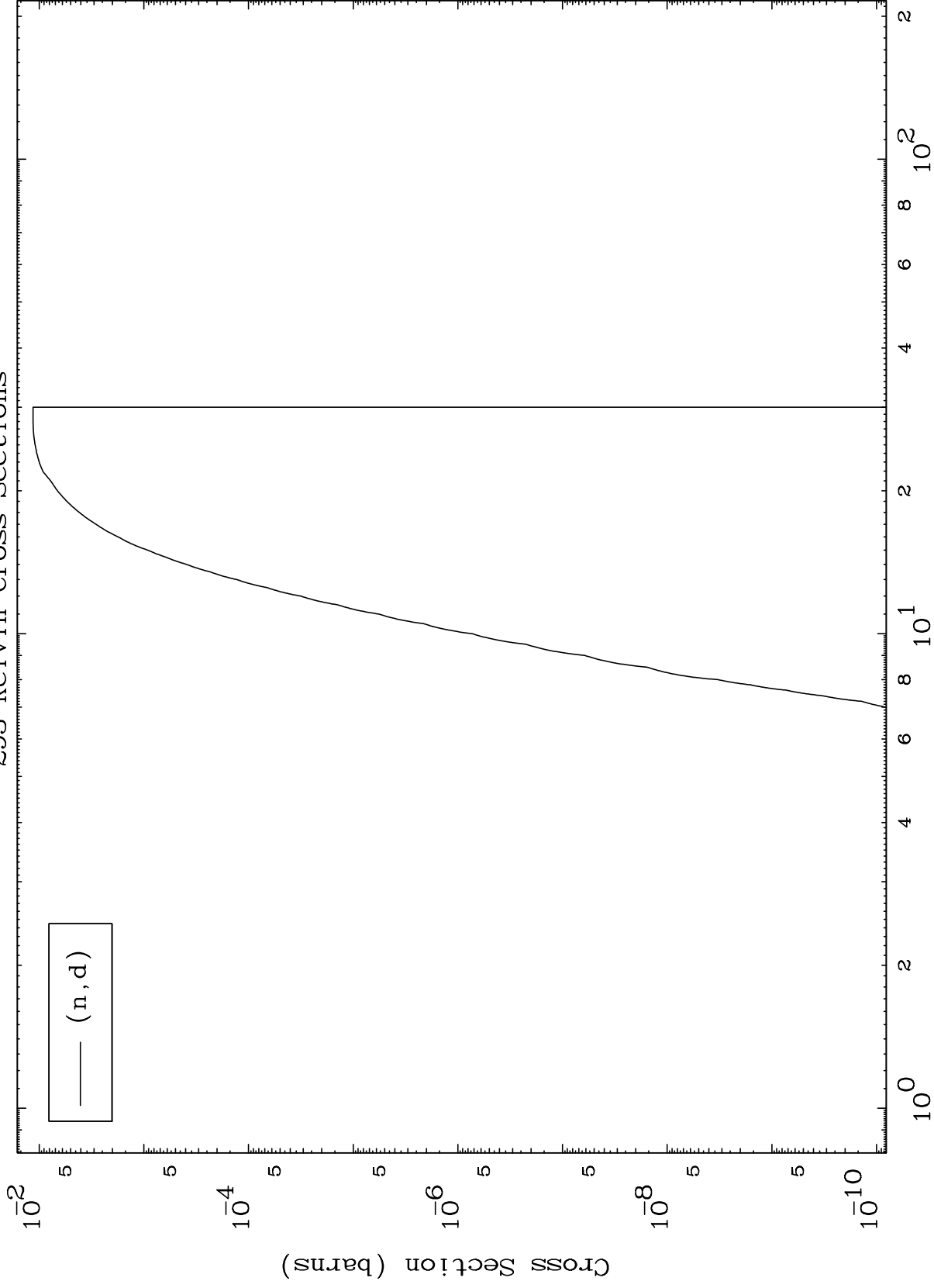
103-Lr-260



MAT 9989

(n,d) Levels  
293 Kelvin Cross Sections

103-Lr-260



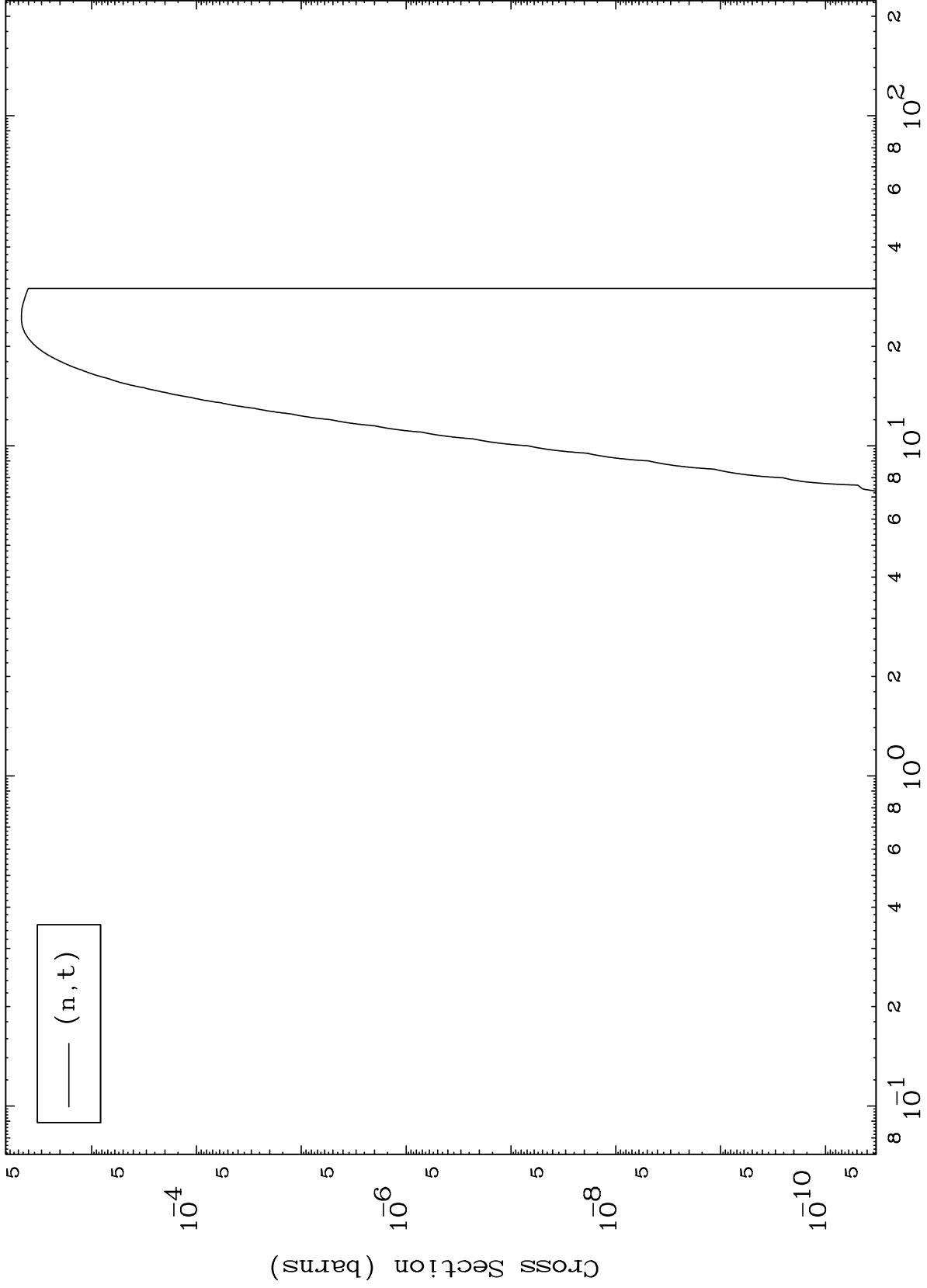
Incident Energy (MeV)

103-Lr-260

MAT 9989

(n,t) Levels  
293 Kelvin Cross Sections

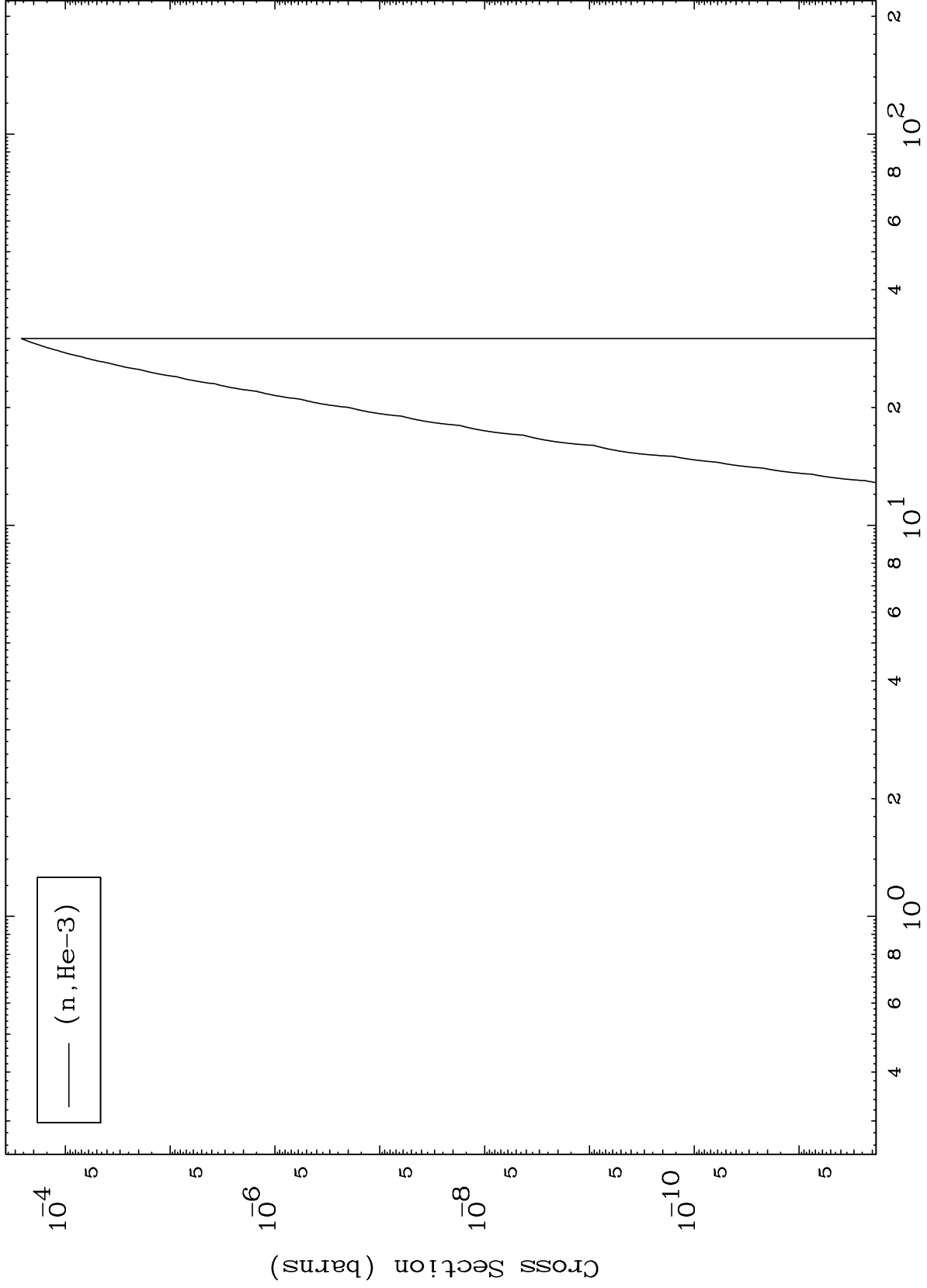
103-Lr-260



MAT 9989

(n,He3) Levels  
293 Kelvin Cross Sections

103-Lr-260



12

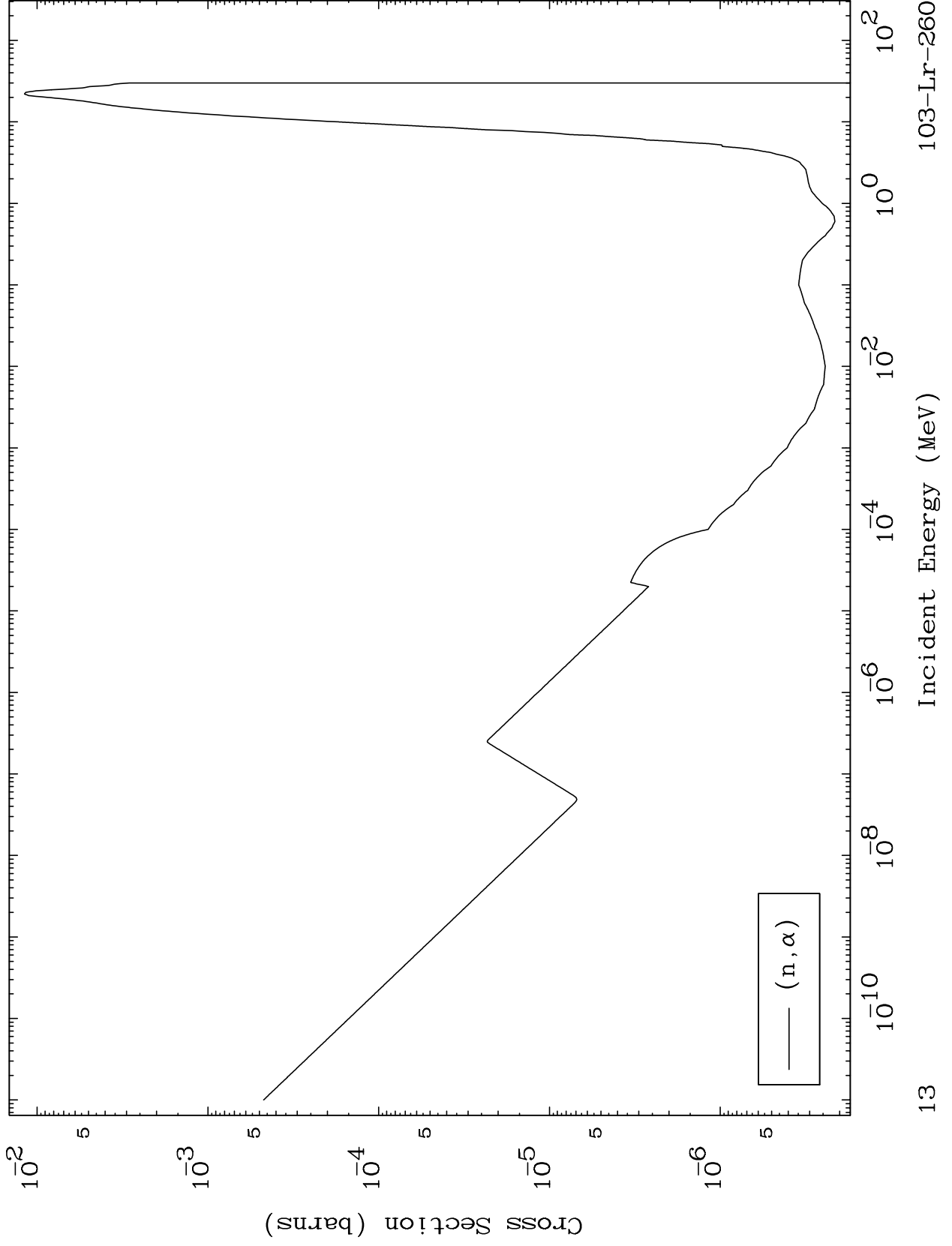
Incident Energy (MeV)

103-Lr-260

MAT 9989

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

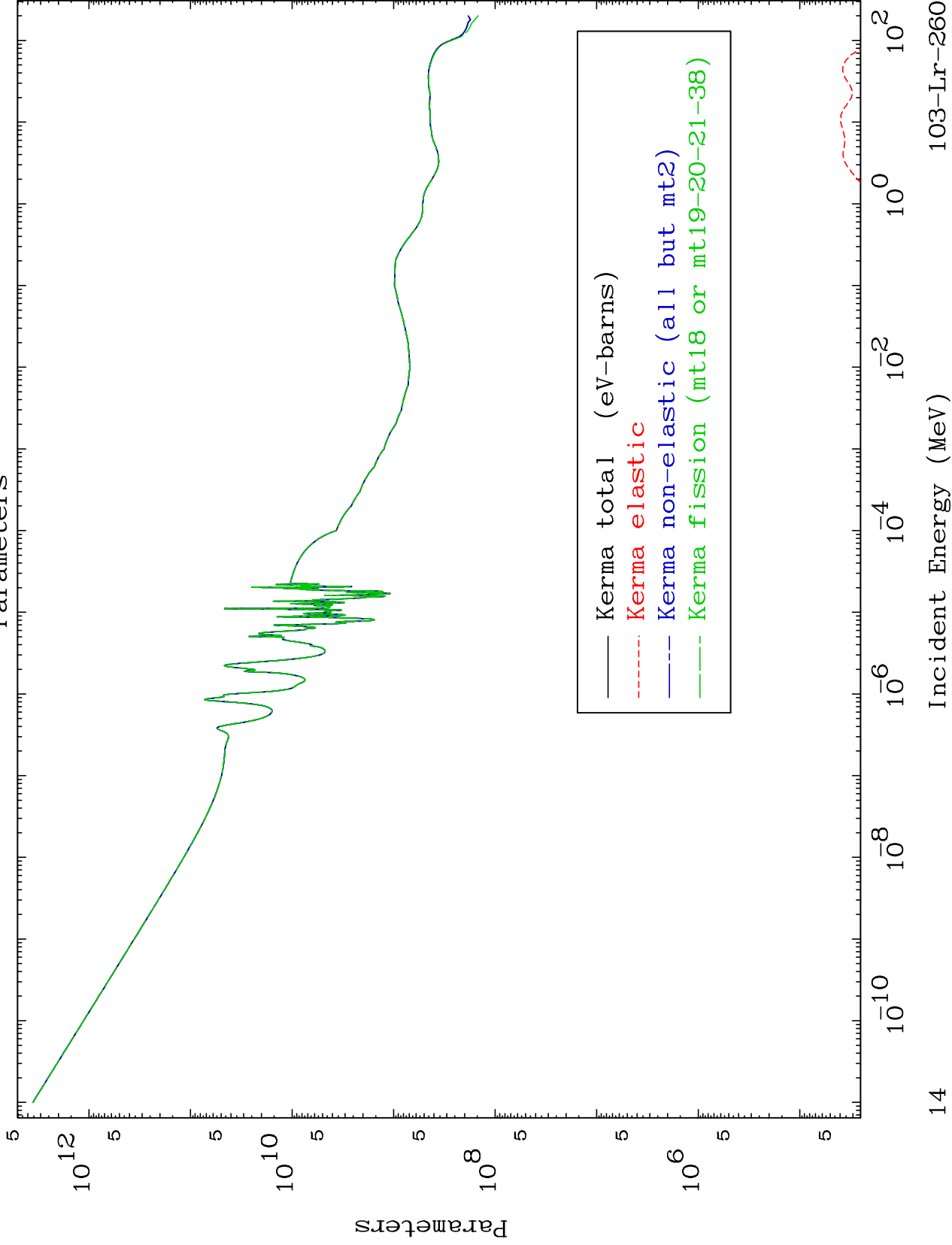
103-Lr-260



MAT 9989

Energy Release  
Parameters

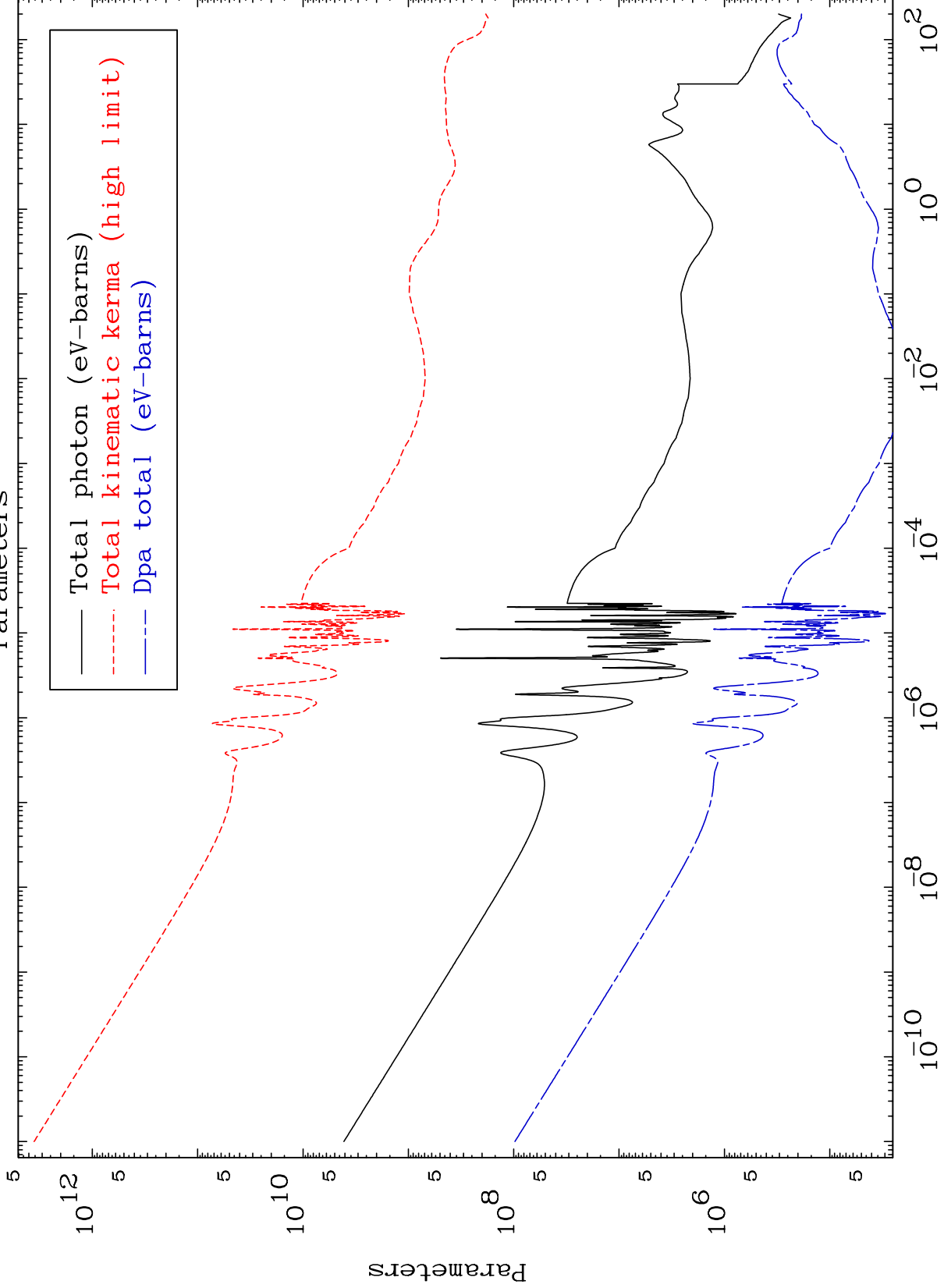
103-Lr-260



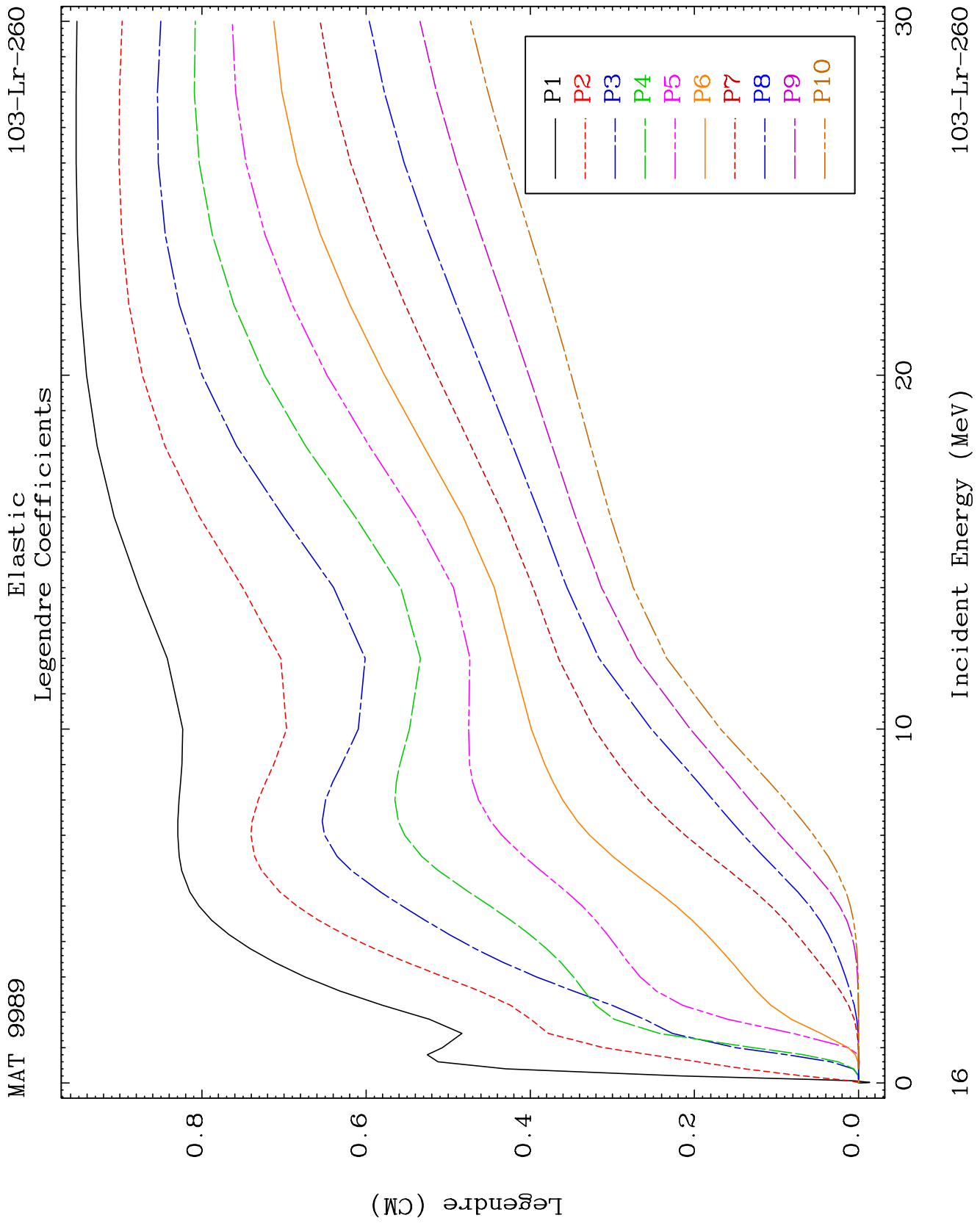
14

Incident Energy (MeV)

103-Lr-260



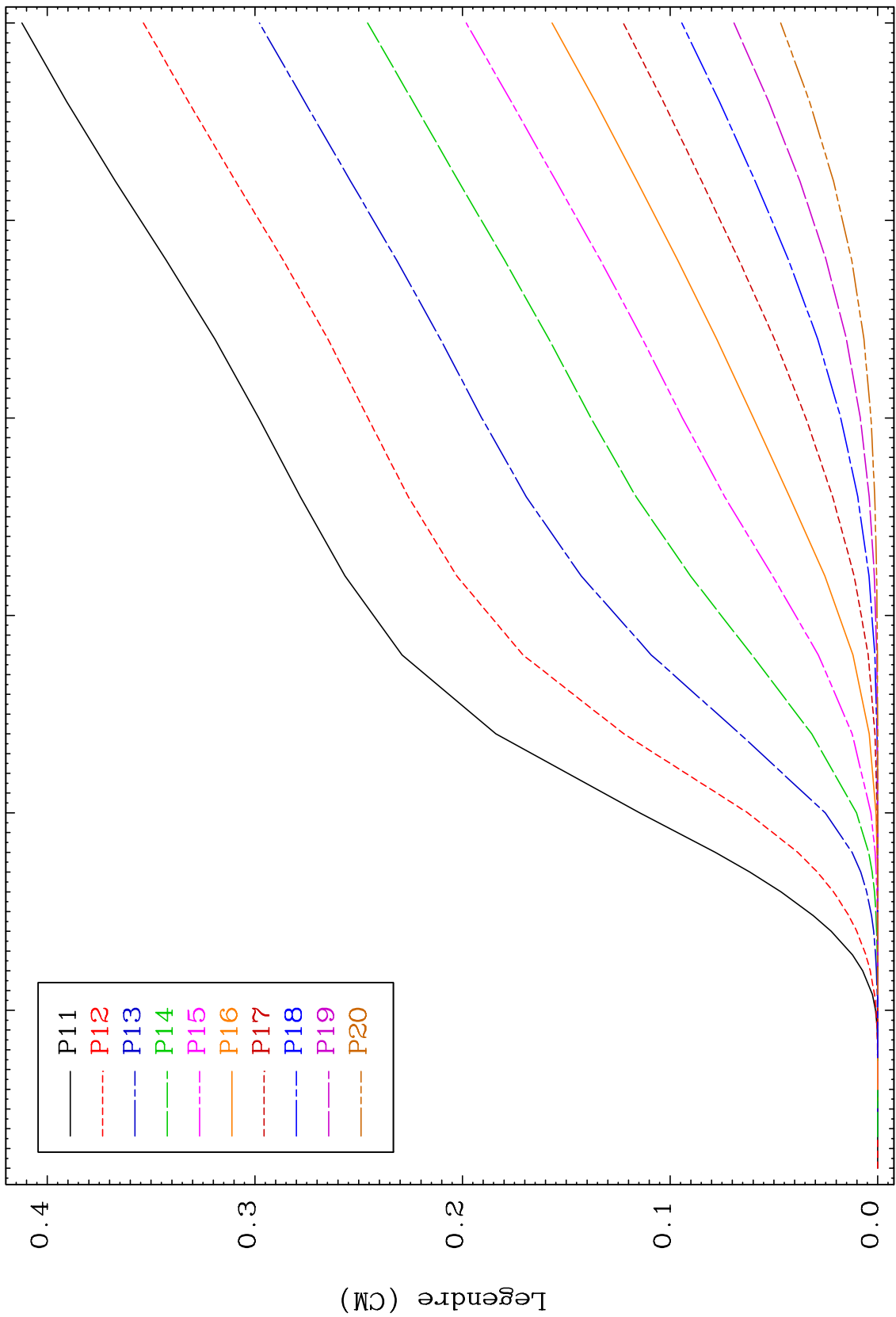




MAT 9989

Elastic Legendre Coefficients

103-Lr-260



17

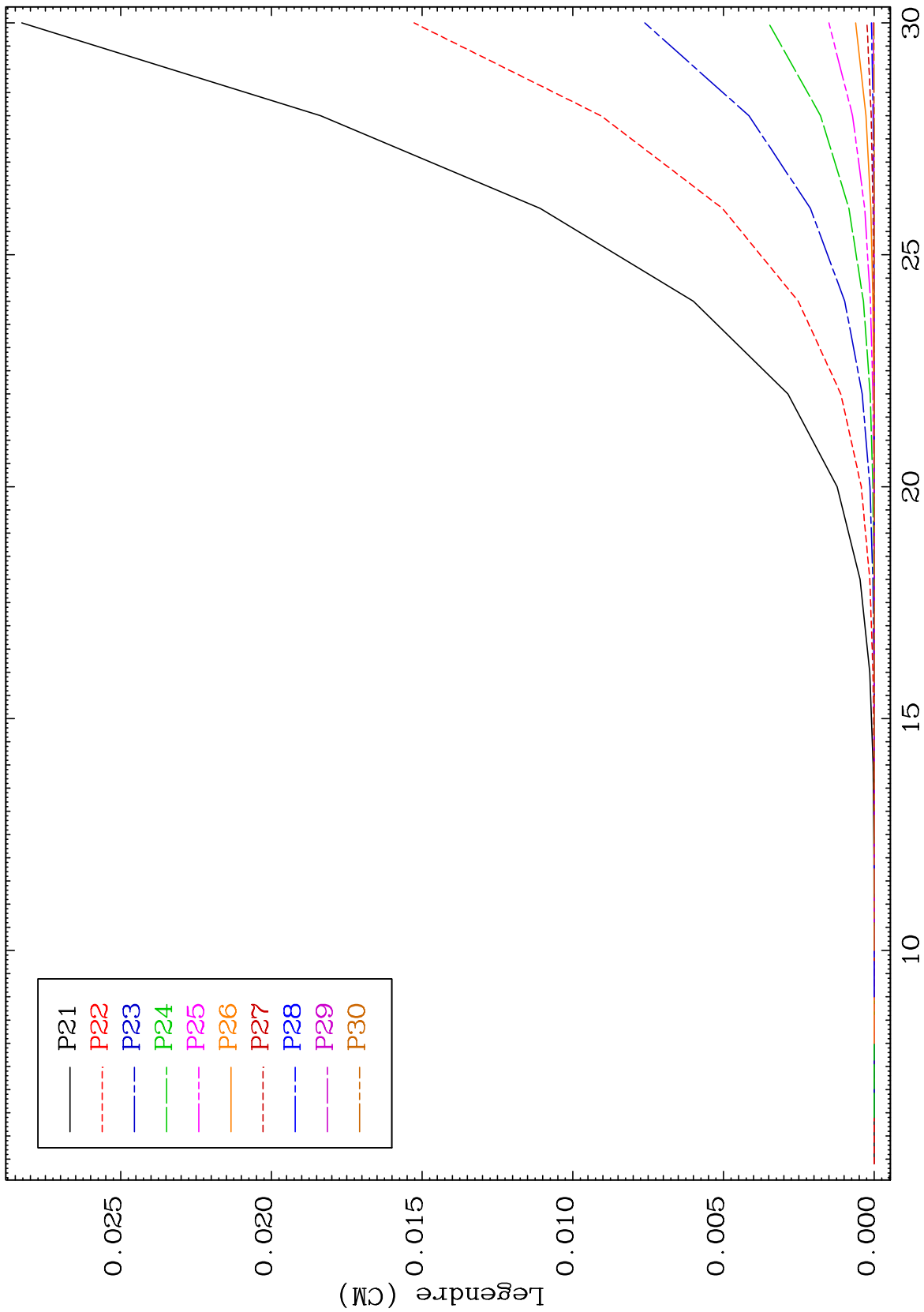
Incident Energy (MeV)

103-Lr-260

MAT 9989

Elastic Legendre Coefficients

103-Lr-260



18

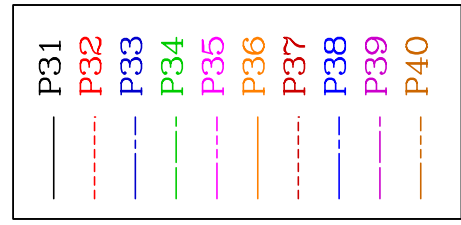
Incident Energy (MeV)

103-Lr-260

MAT 9989

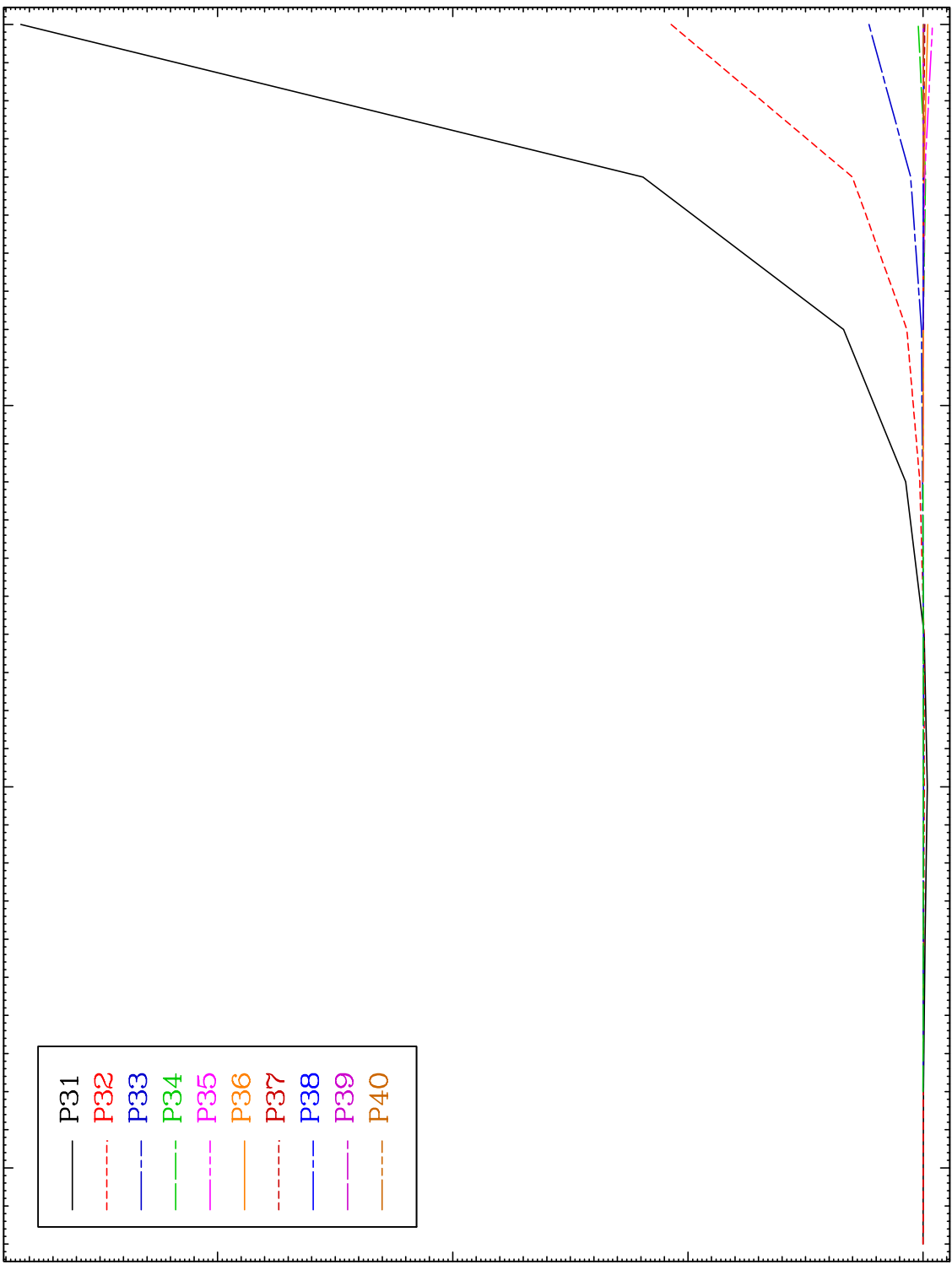
Elastic Legendre Coefficients

103-Lr-260



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

19

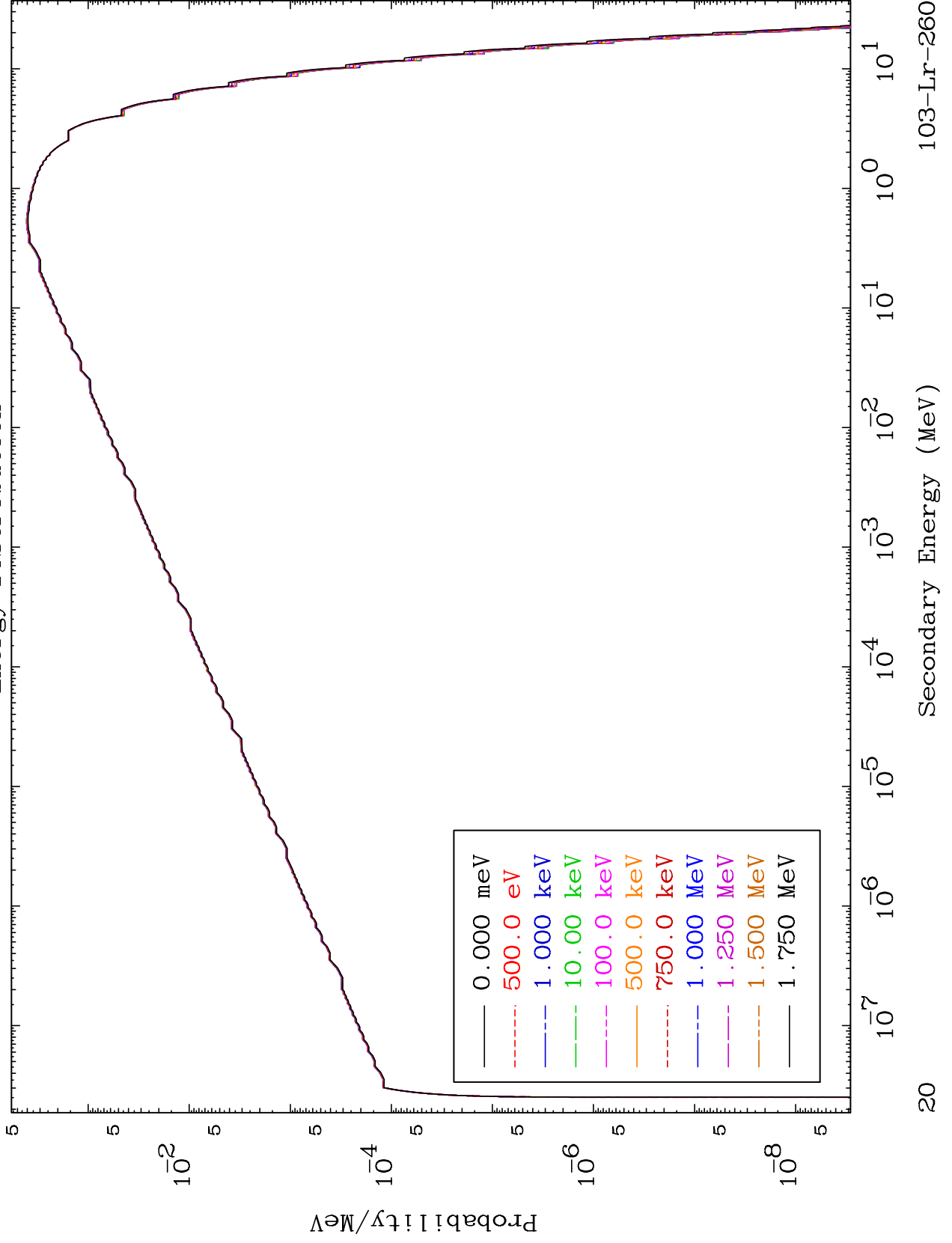
Incident Energy (MeV)

103-Lr-260

MAT 9989

### Fission Energy Distribution

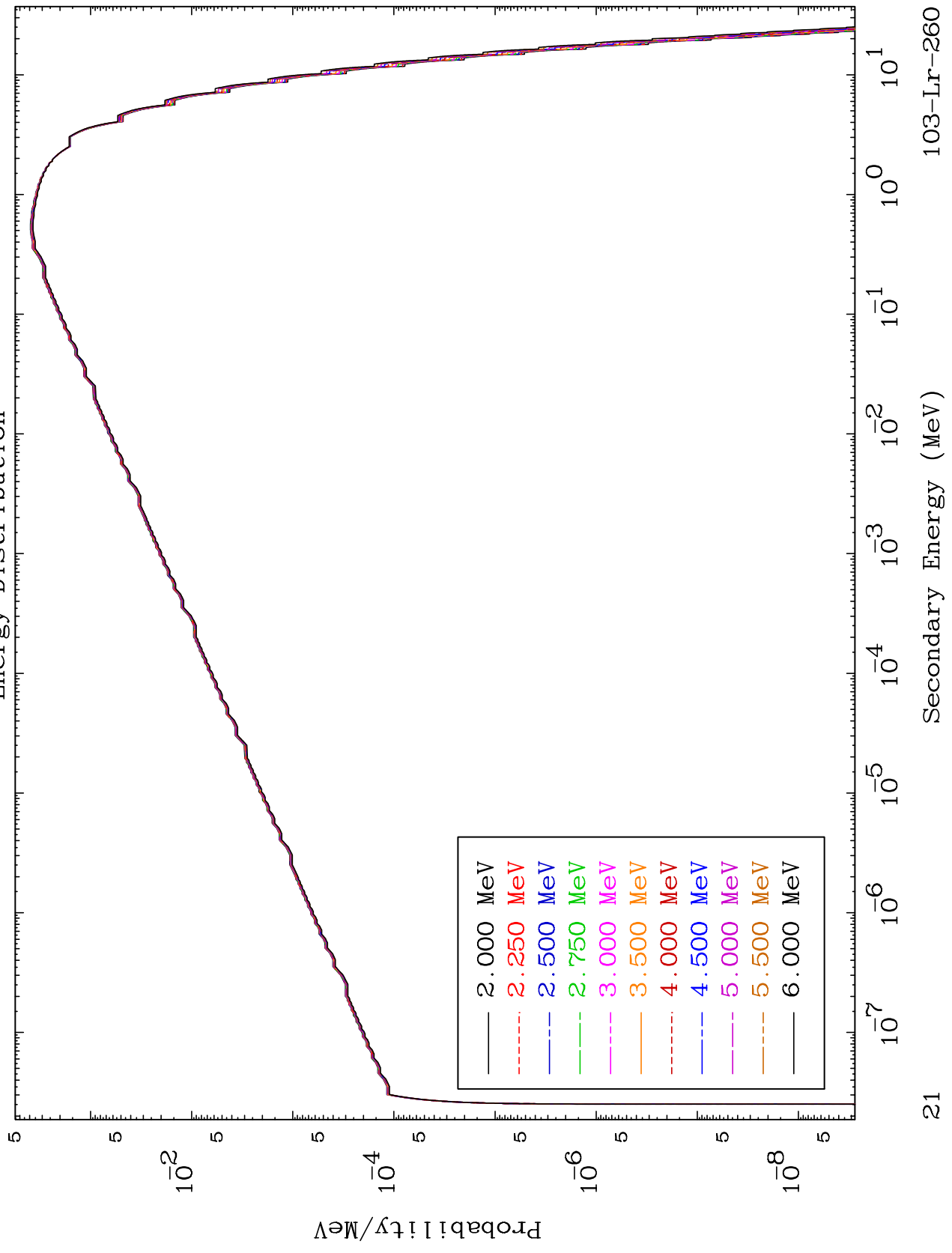
103-Lr-260



MAT 9989

### Fission Energy Distribution

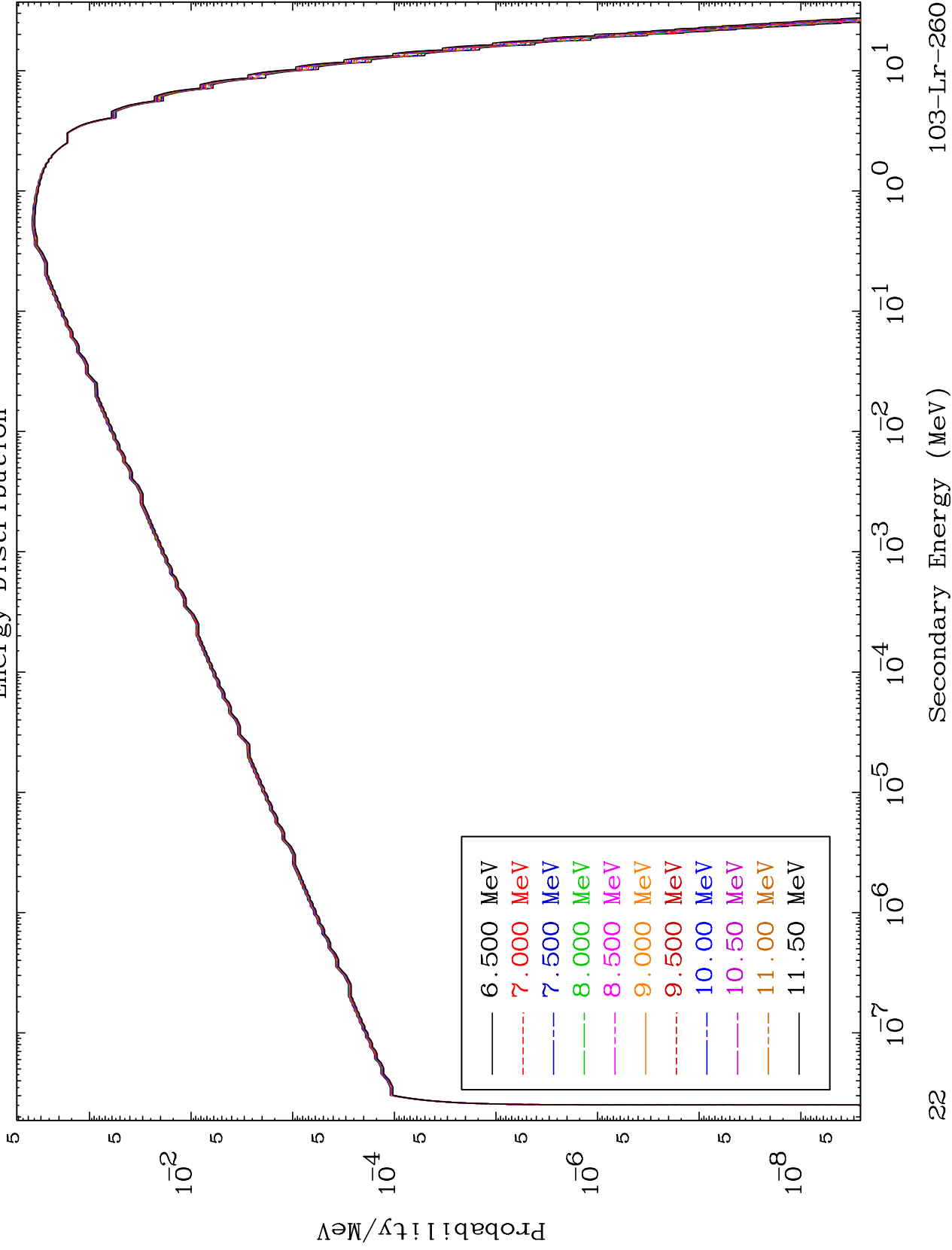
103-Lr-260



MAT 9989

### Fission Energy Distribution

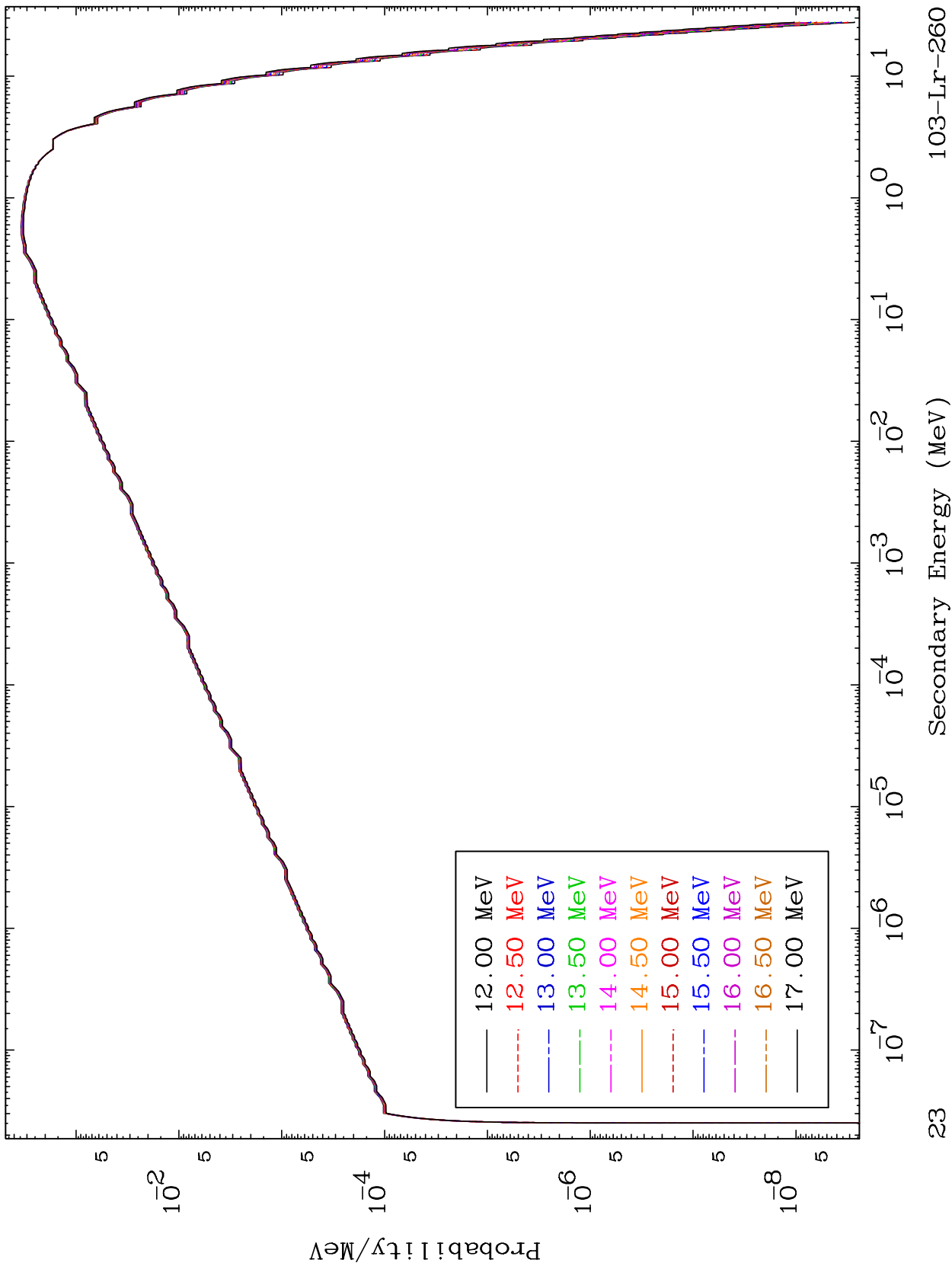
103-Lr-260



MAT 9989

### Fission Energy Distribution

103-Lr-260

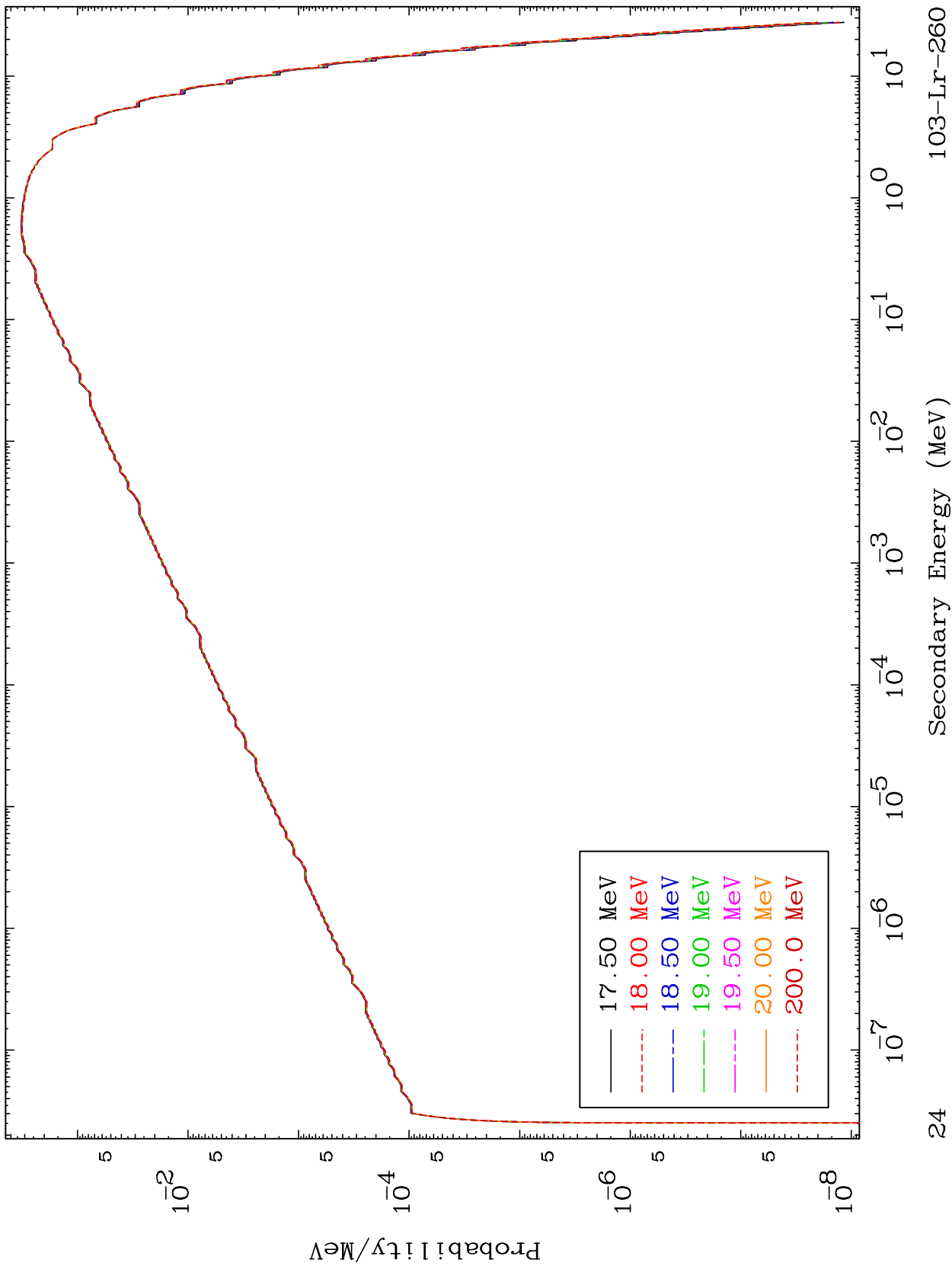




MAT 9989

### Fission Energy Distribution

103-Lr-260

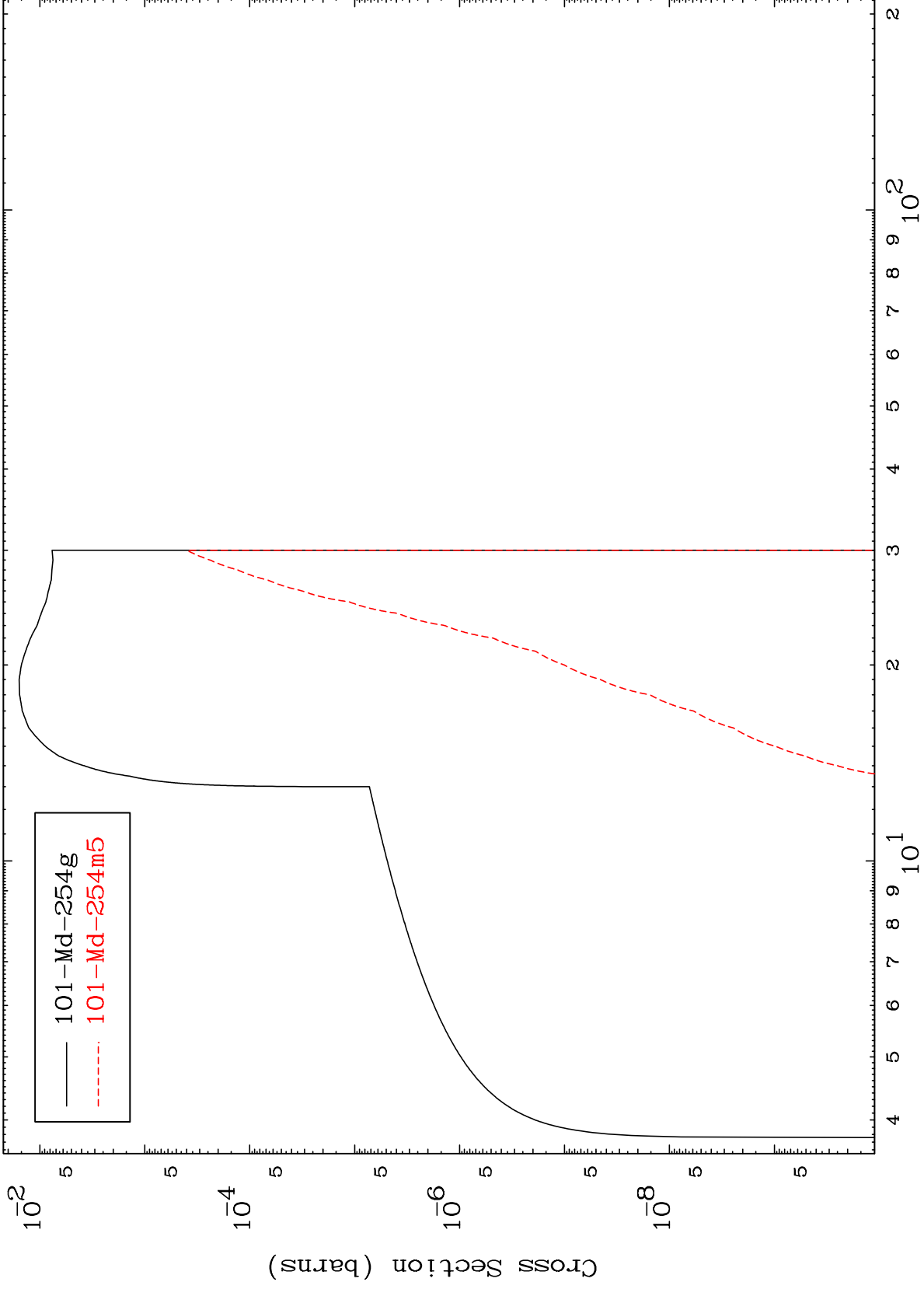


MAT 9989

(n,3n)  $\alpha$

103-Lr-260

Radionuclide Production Cross Section



25

Incident Energy (MeV)

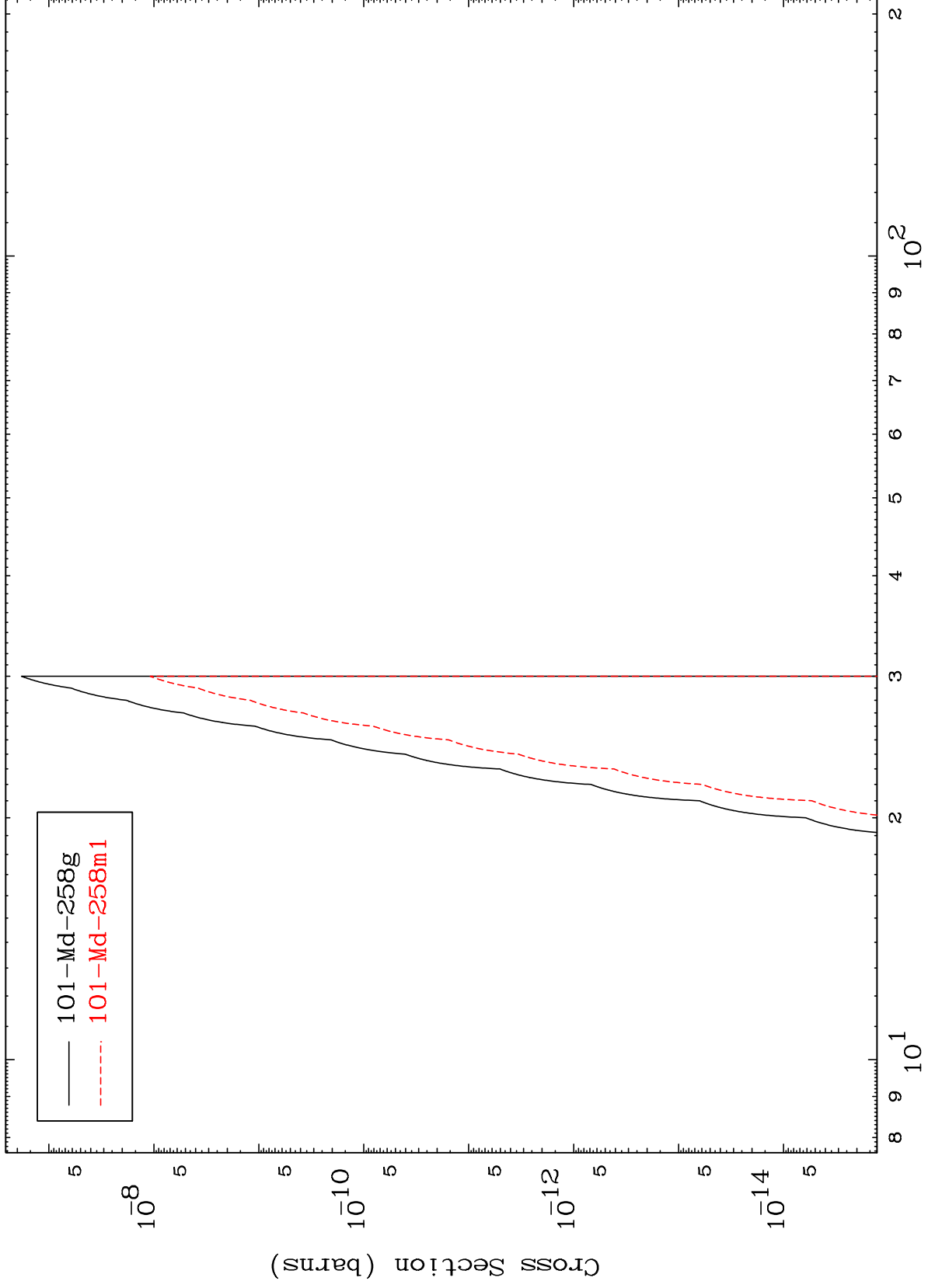
103-Lr-260

MAT 9989

(n,2n) p

103-Lr-260

Radionuclide Production Cross Section



26

Incident Energy (MeV)

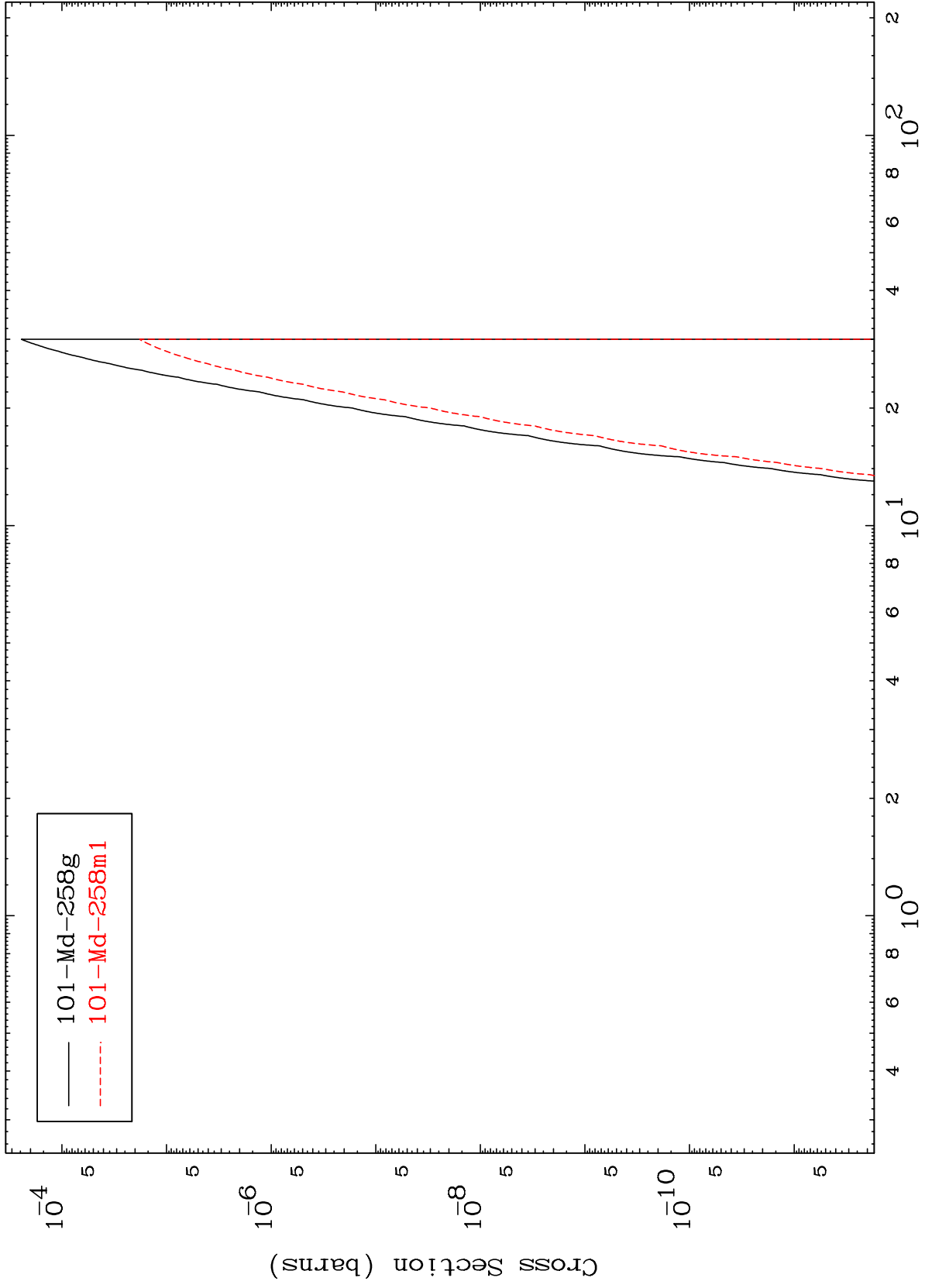
103-Lr-260

MAT 9989

(n,He-3)

103-Lr-260

Radionuclide Production Cross Section



— 101-Md-258g  
- - - 101-Md-258m1

Radionuclide Production Cross Section

