

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

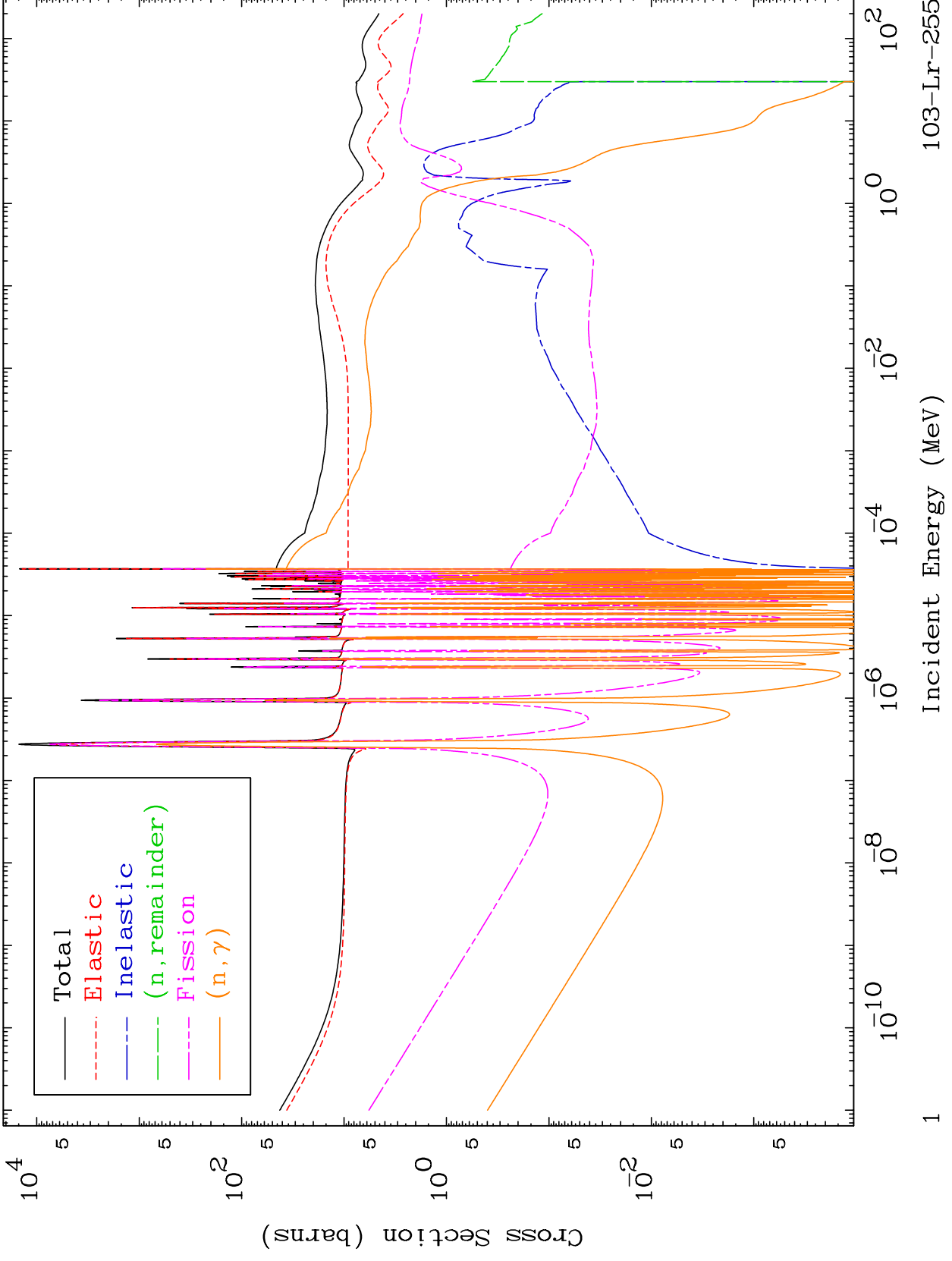
Press Mouse Button to Start

MAT 9989

Major

103-Lr-255

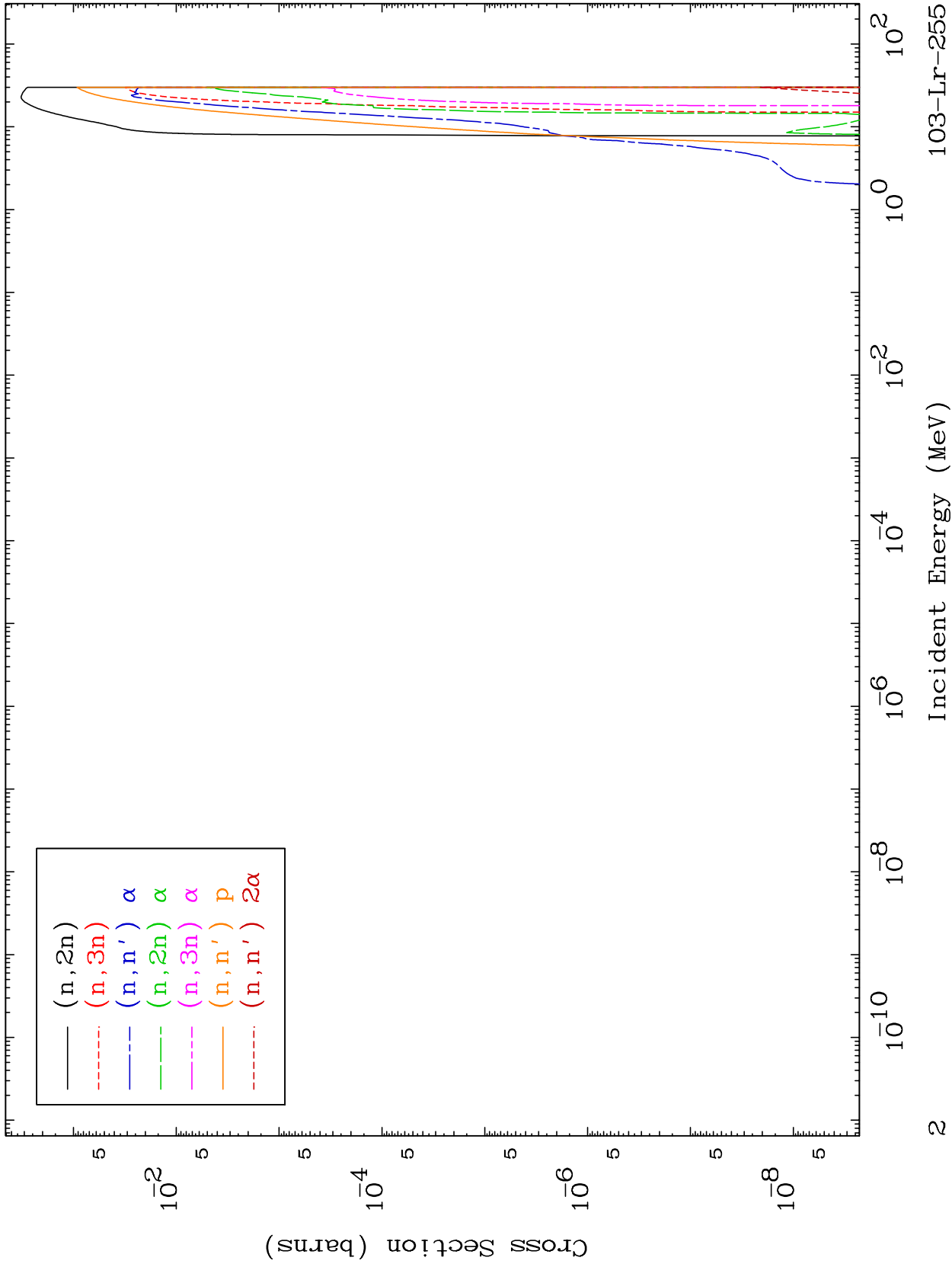
293 Kelvin Cross Sections



MAT 9989

Neutron Production  
293 Kelvin Cross Sections

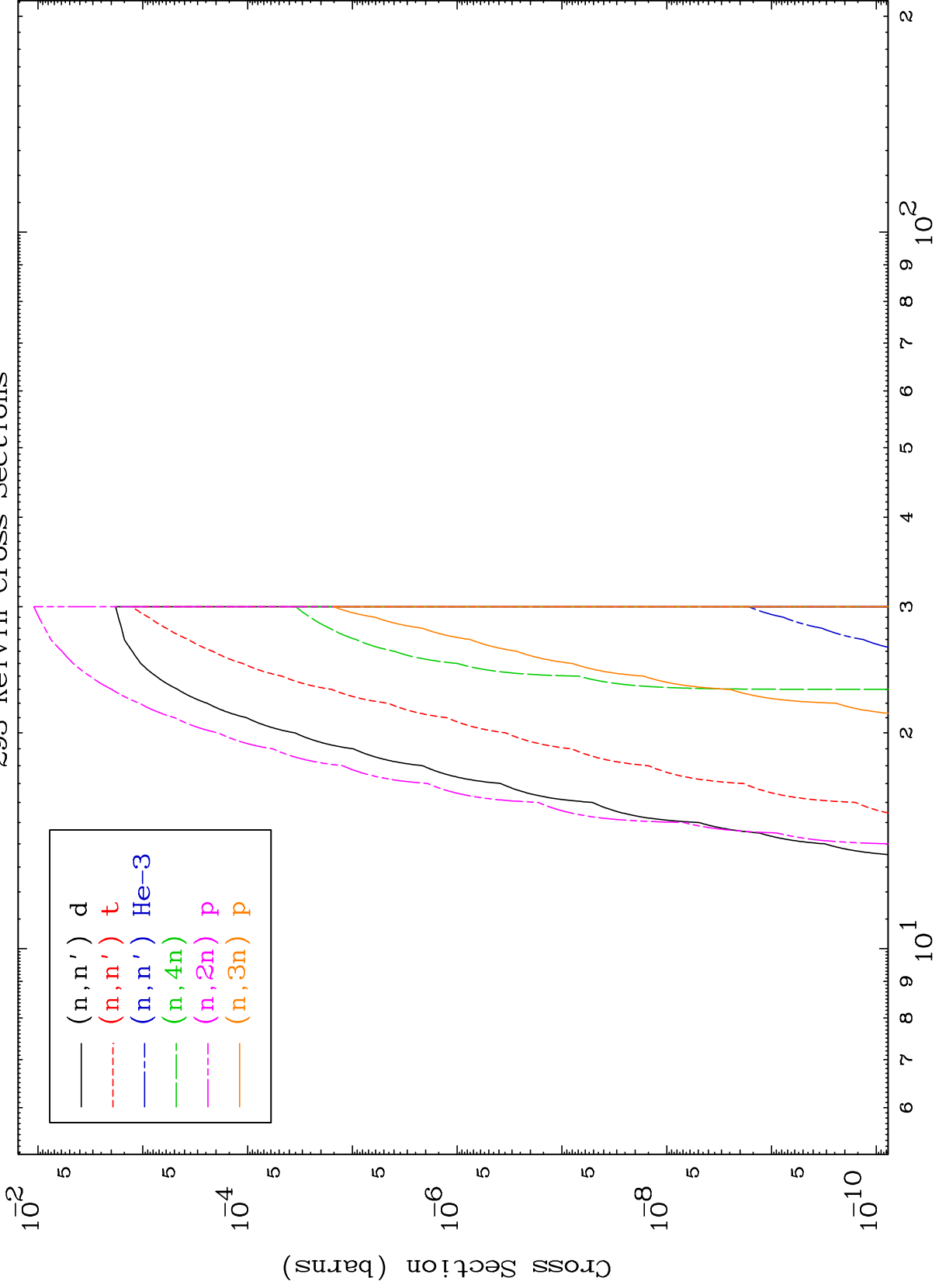
103-Lr-255



MAT 9989

Neutron Production  
293 Kelvin Cross Sections

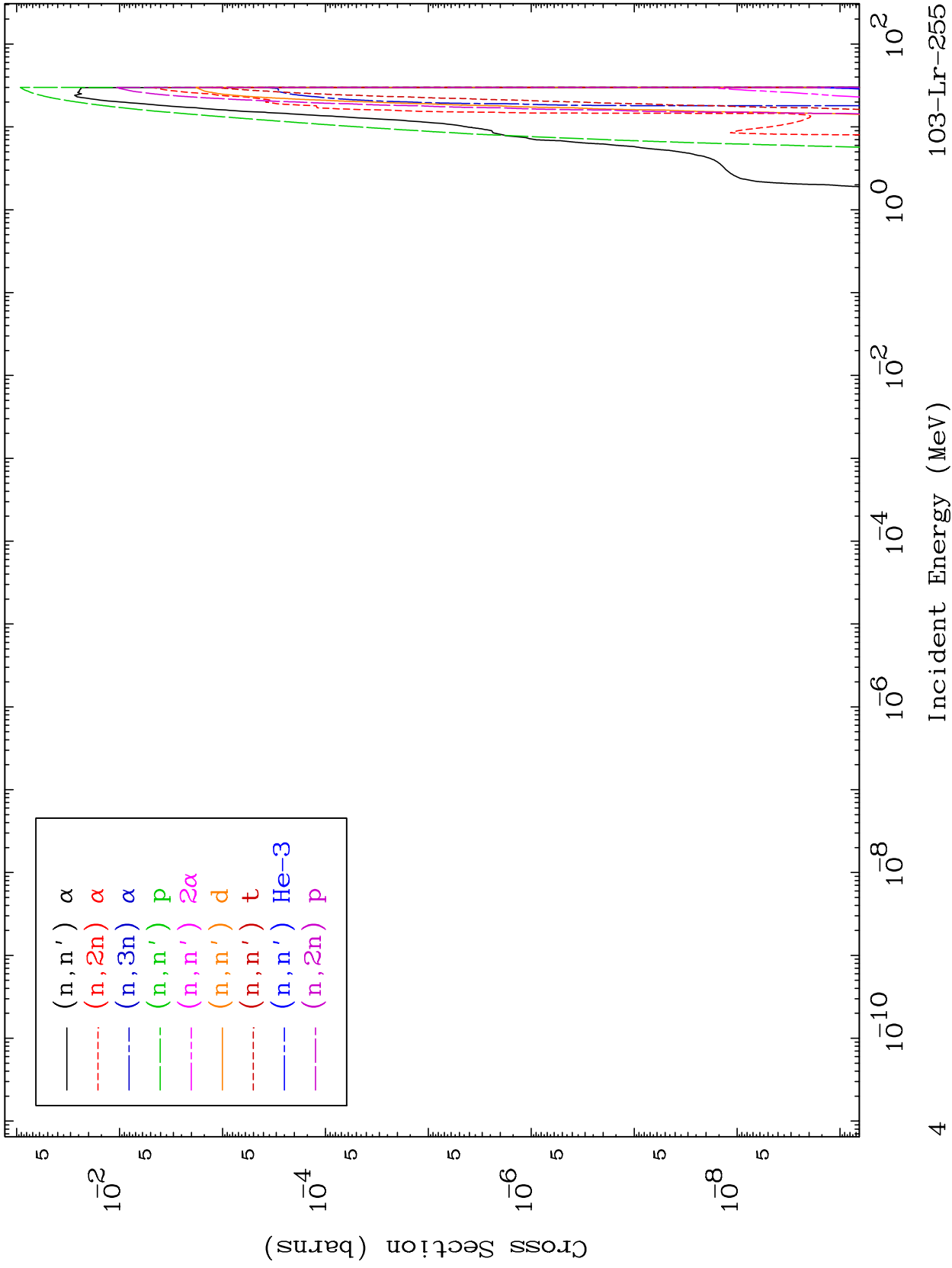
103-Lr-255



MAT 9989

Charged Particle  
293 Kelvin Cross Sections

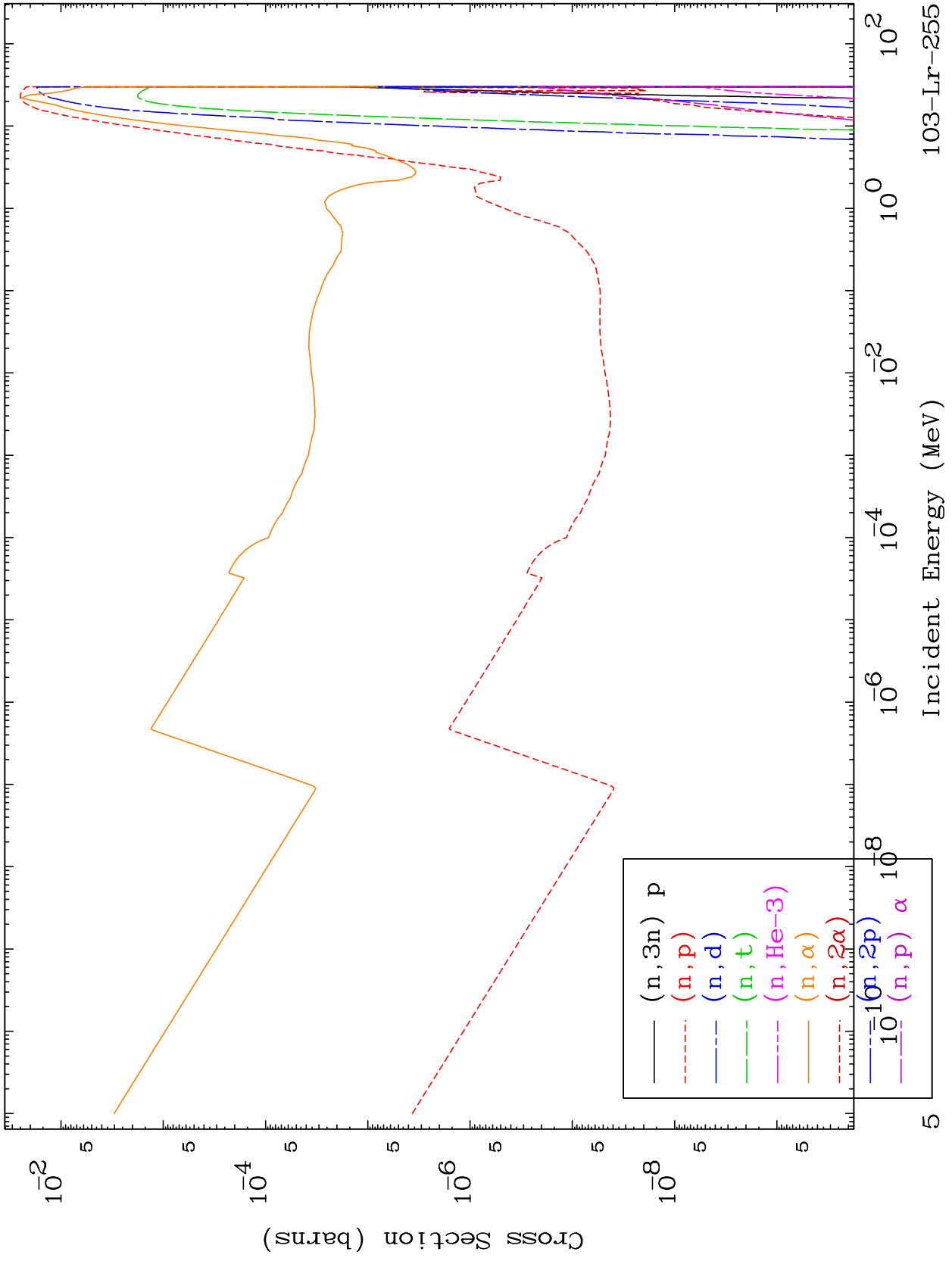
103-Lr-255



MAT 9989

Charged Particle  
293 Kelvin Cross Sections

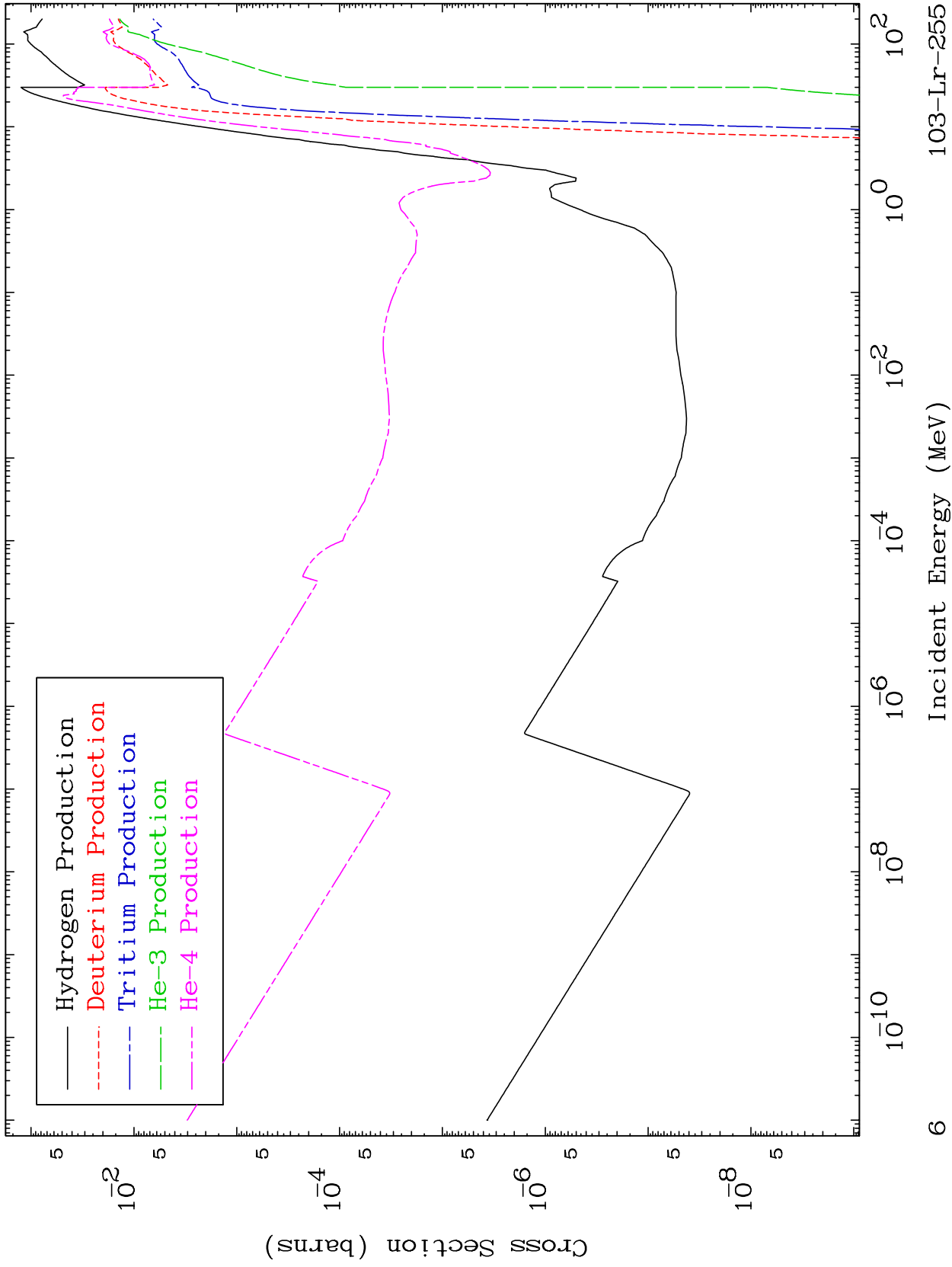
103-Lr-255



MAT 9989

Particle Production  
293 Kelvin Cross Sections

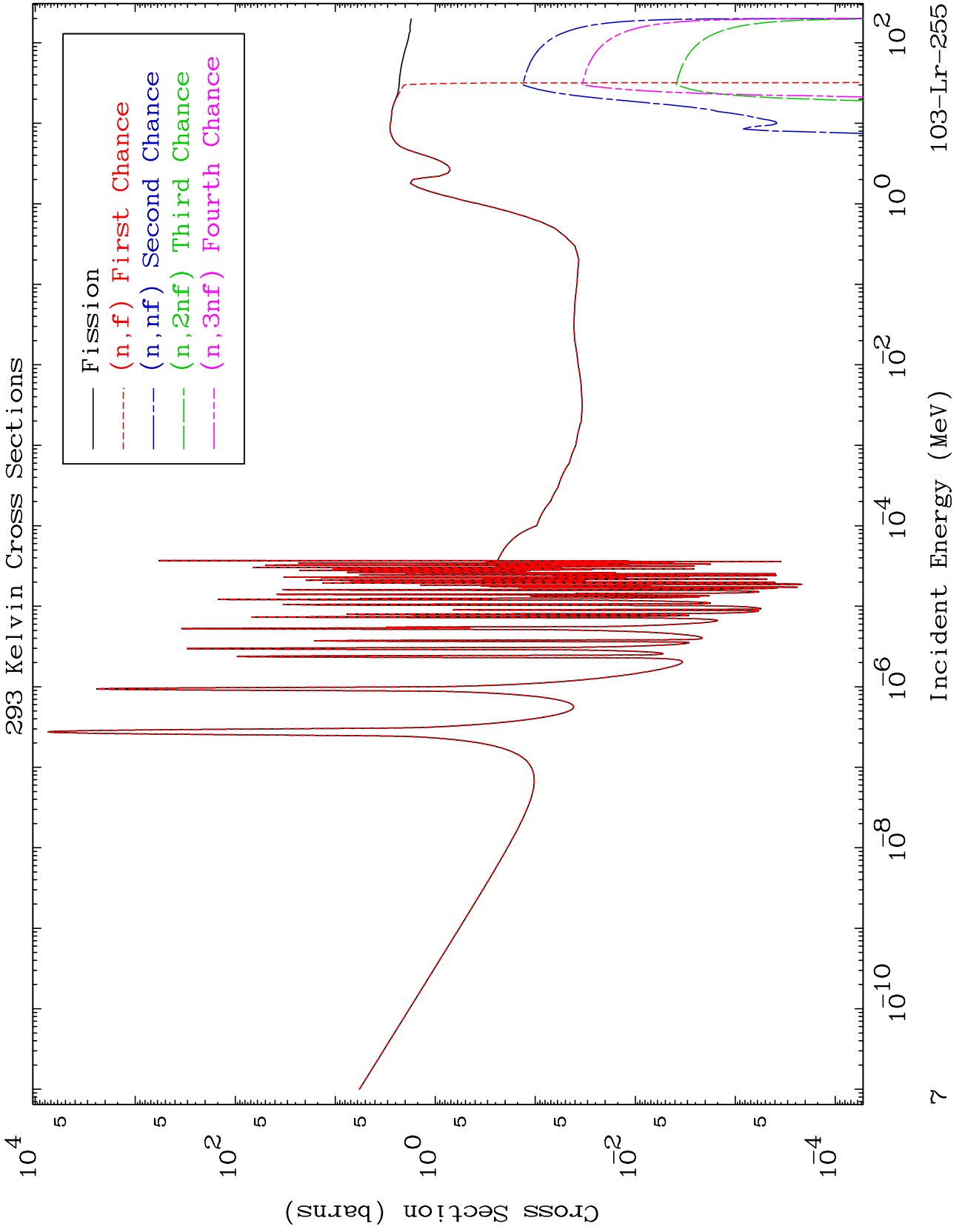
103-Lr-255



MAT 9989

Fission  
293 Kelvin Cross Sections

103-Lr-255

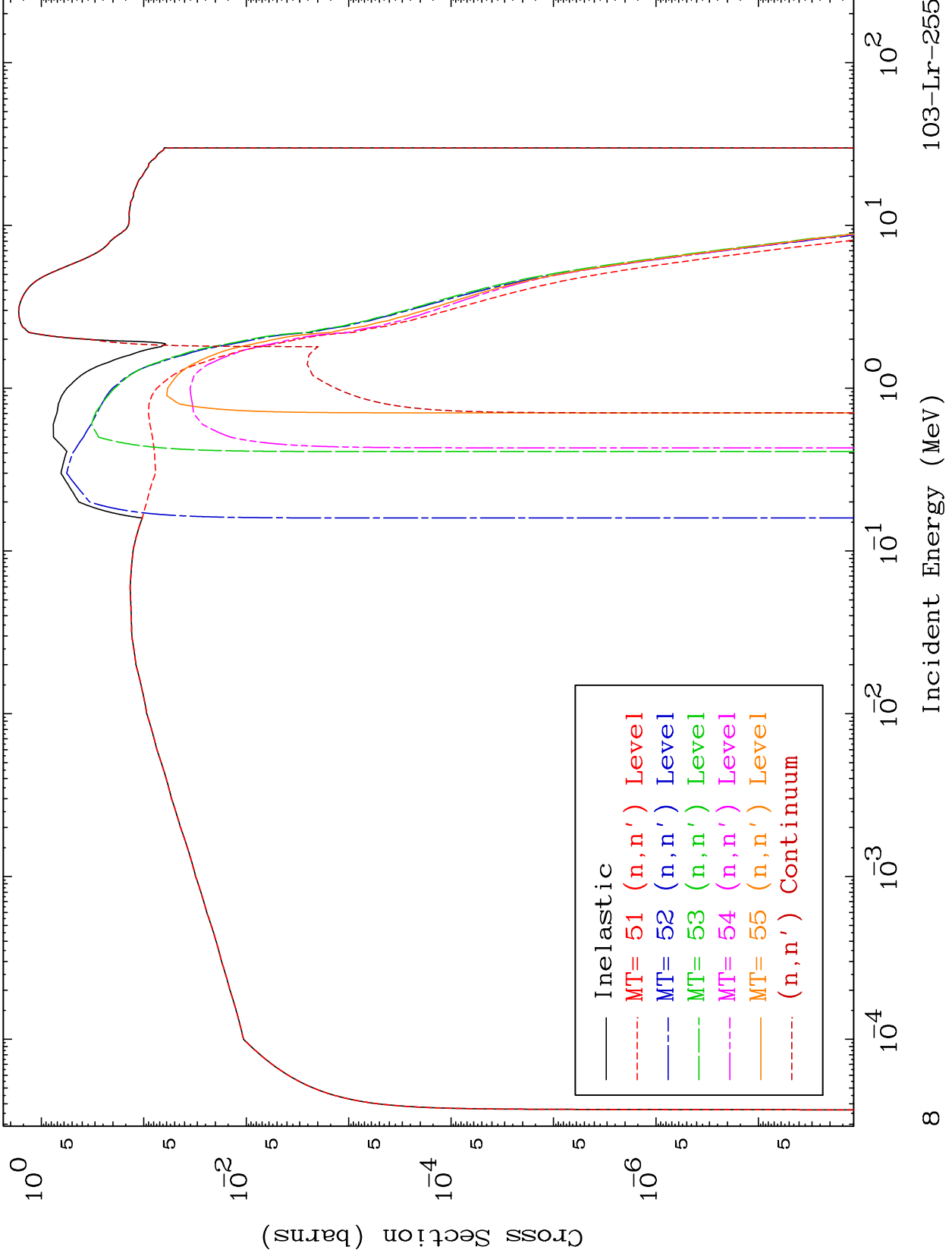




MAT 9989

(n,n') Level  
293 Kelvin Cross Sections

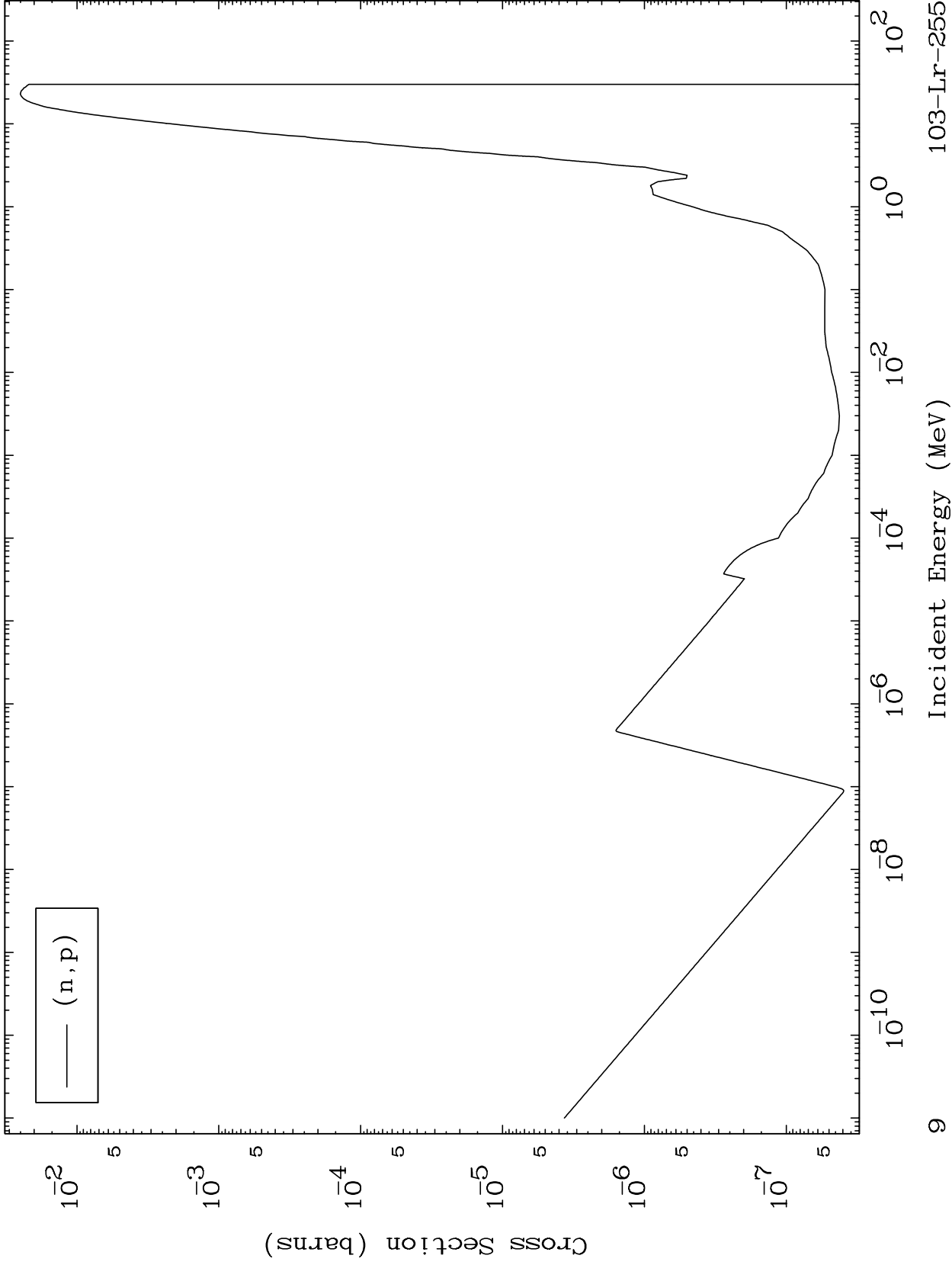
103-Lr-255



MAT 9989

(n,p) Levels  
293 Kelvin Cross Sections

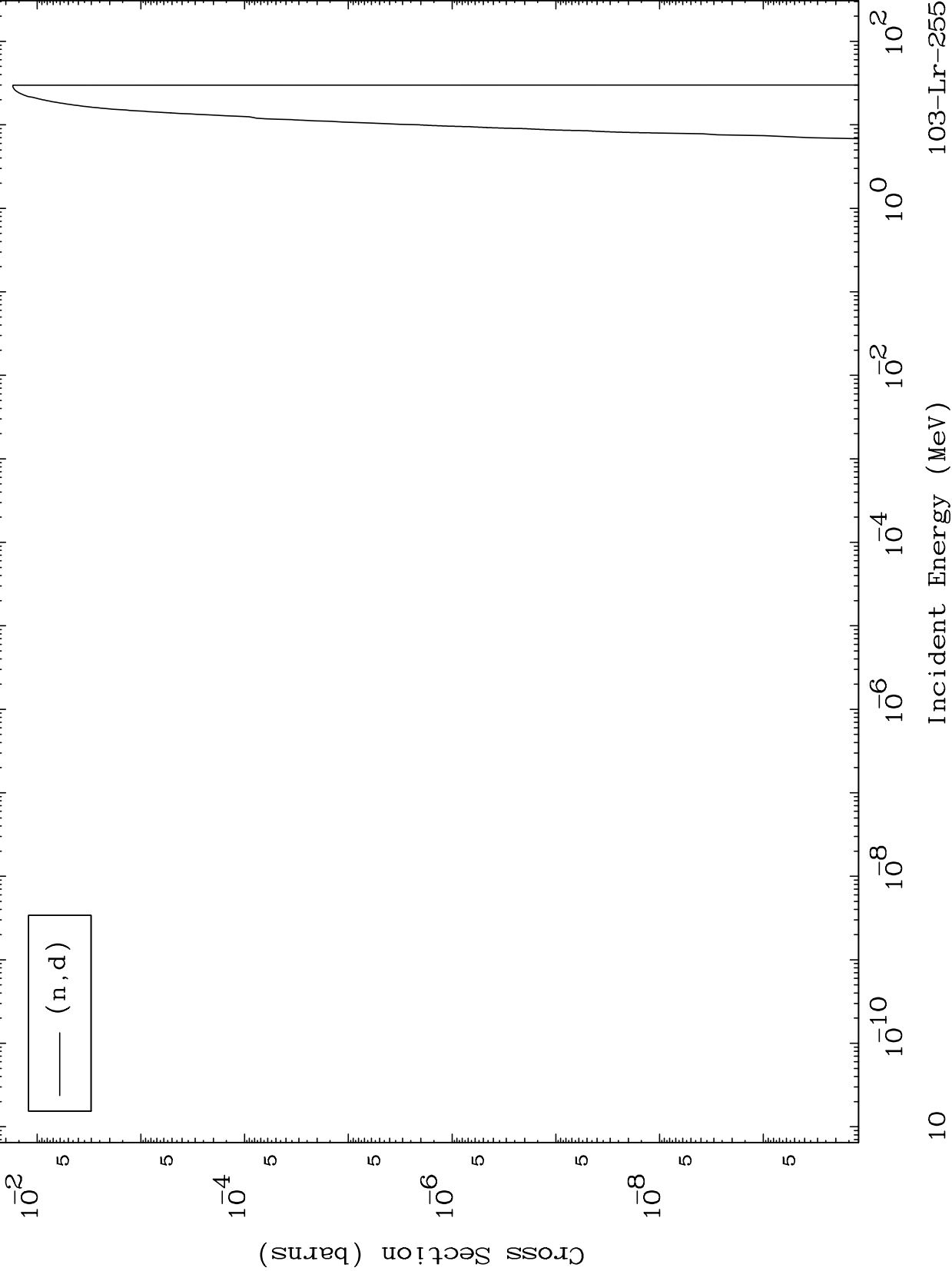
103-Lr-255



MAT 9989

(n,d) Levels  
293 Kelvin Cross Sections

103-Lr-255



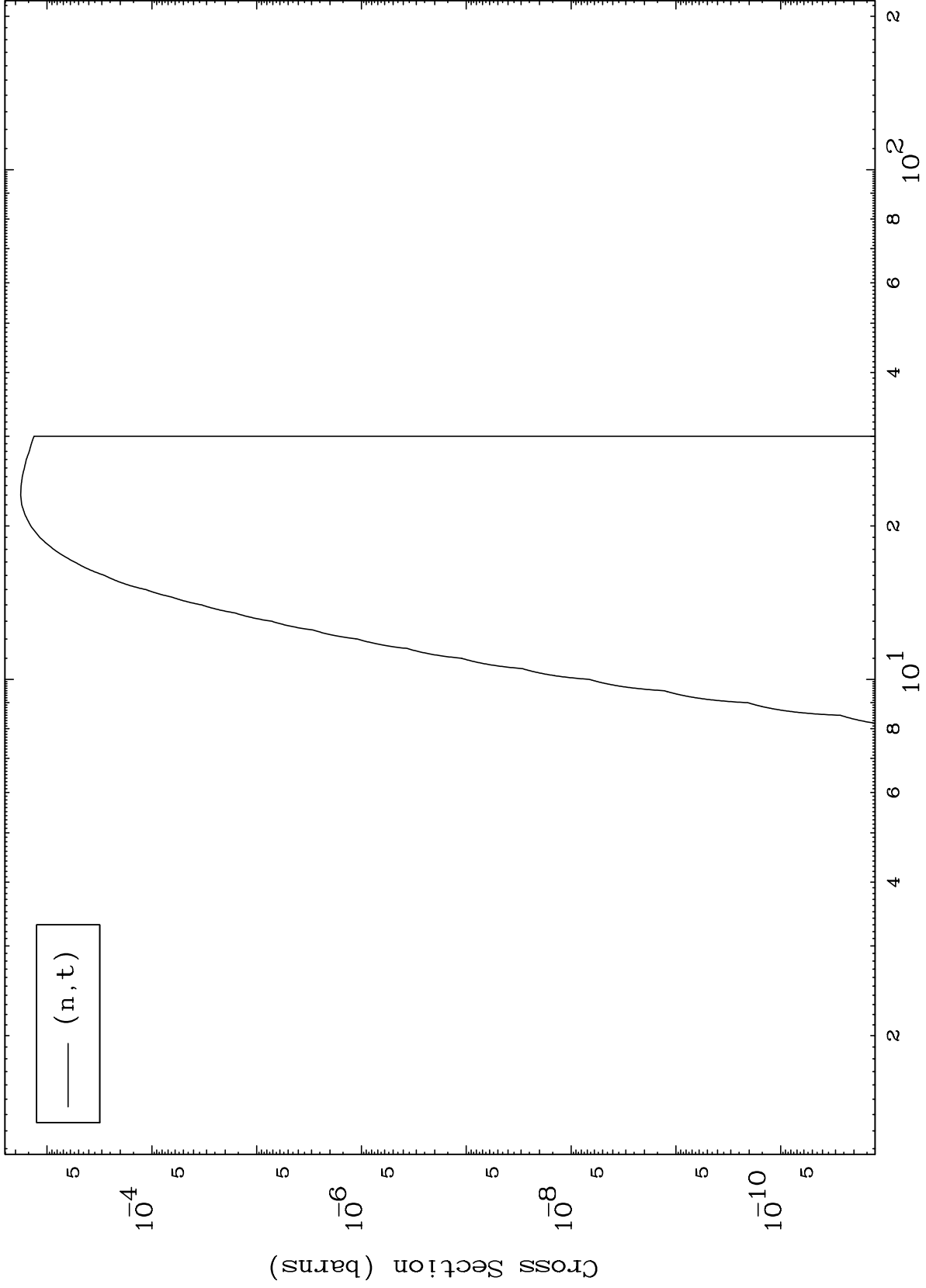
10

103-Lr-255

MAT 9989

(n,t) Levels  
293 Kelvin Cross Sections

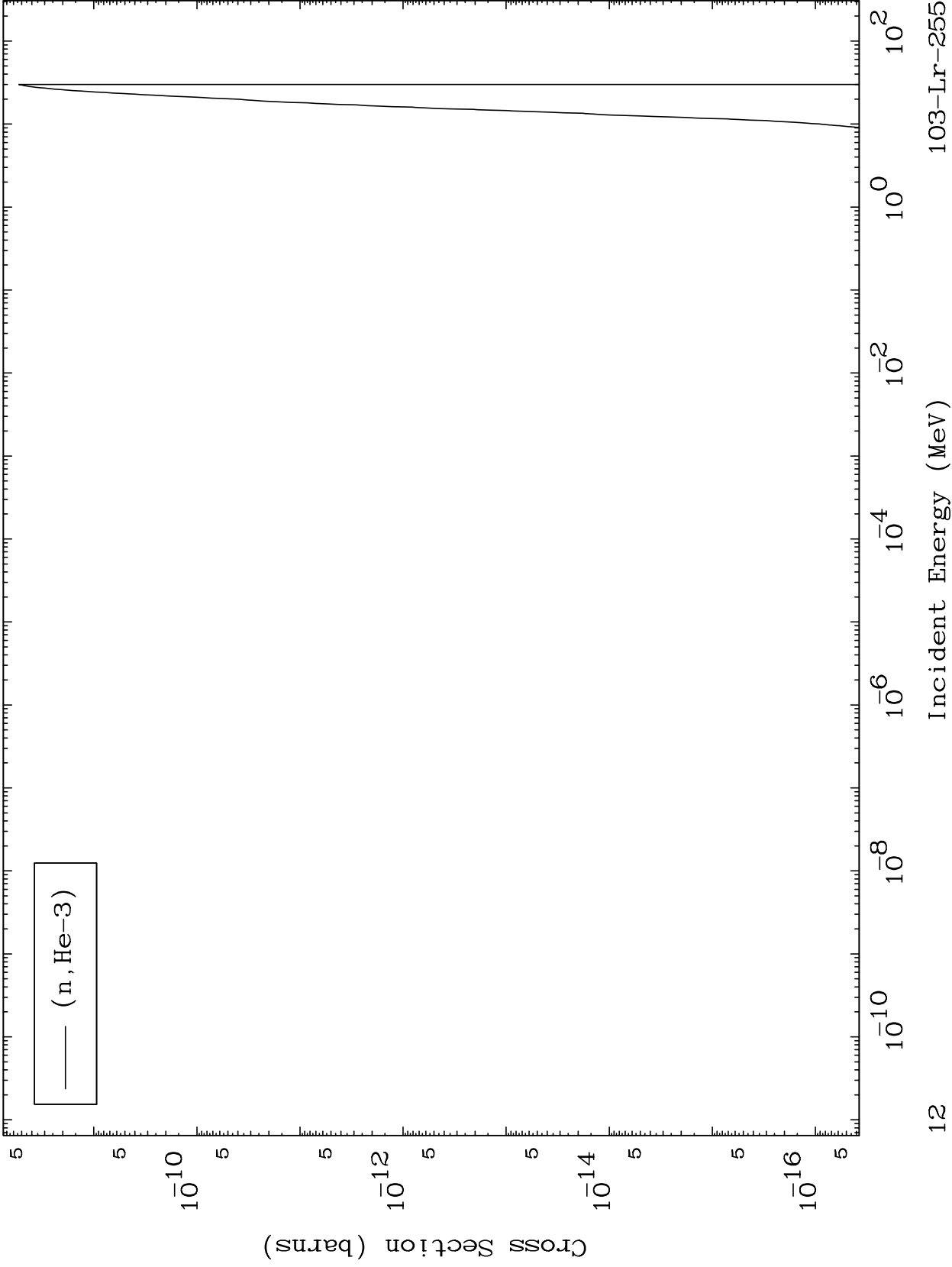
103-Lr-255



MAT 9989

(n,He3) Levels  
293 Kelvin Cross Sections

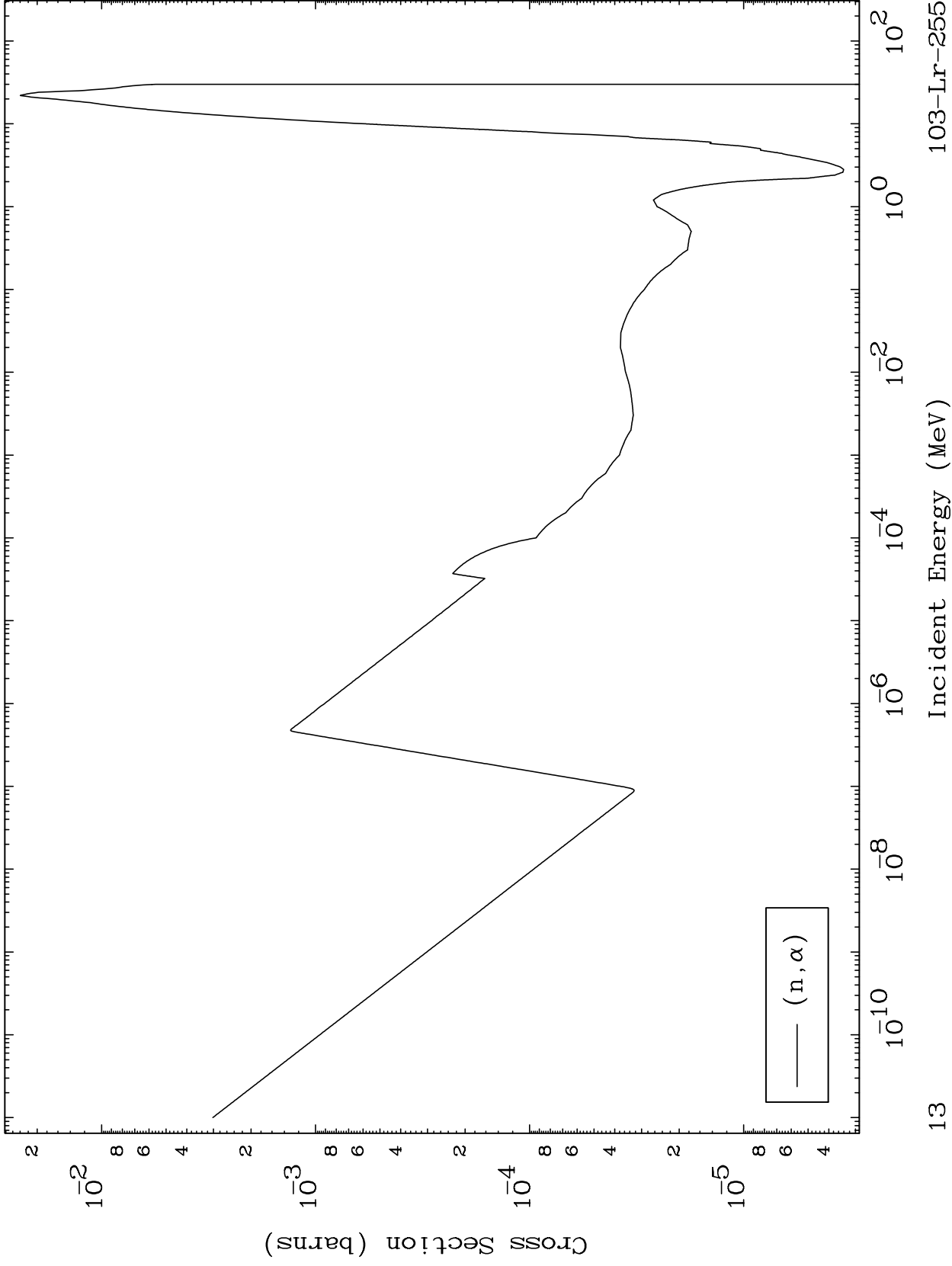
103-Lr-255

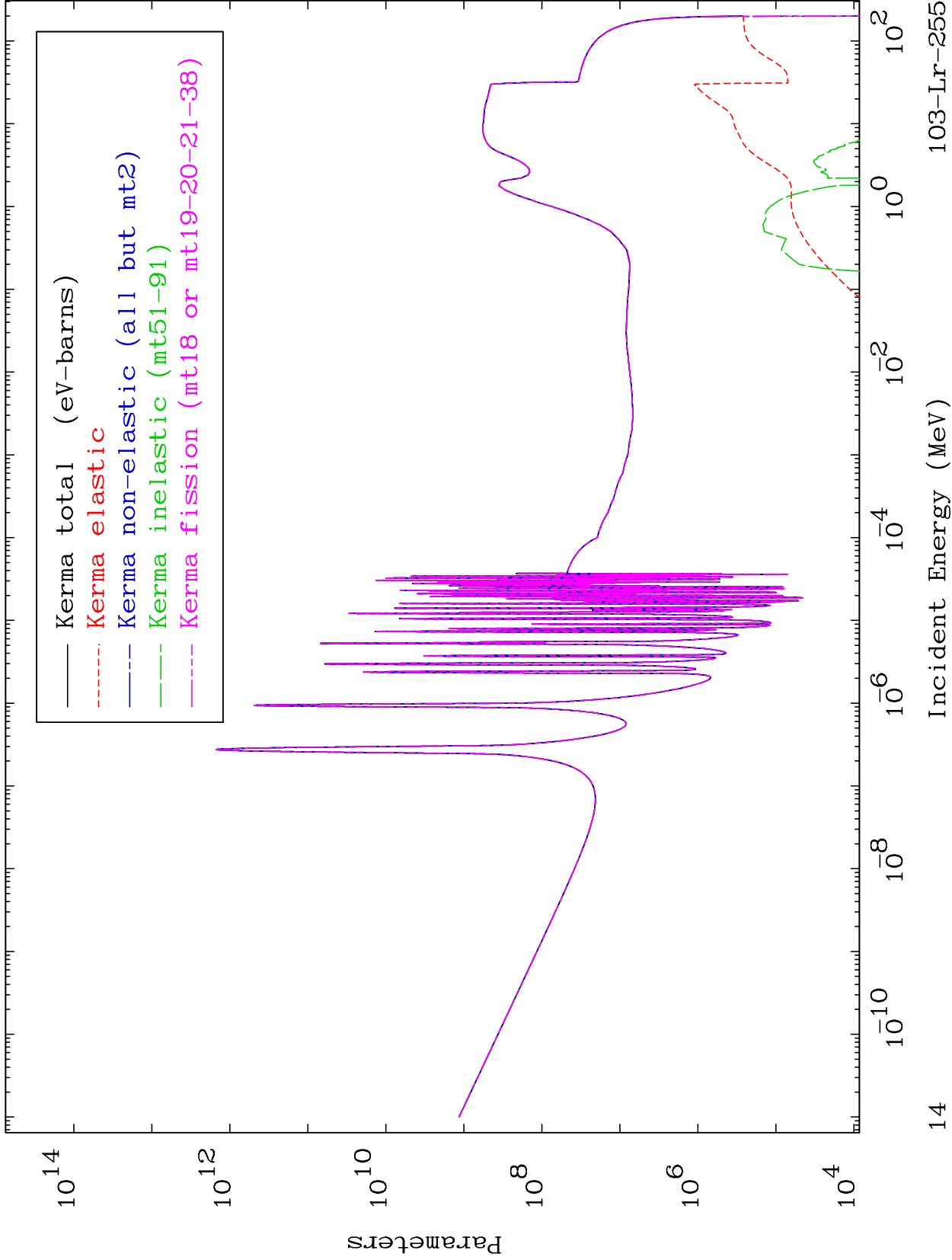


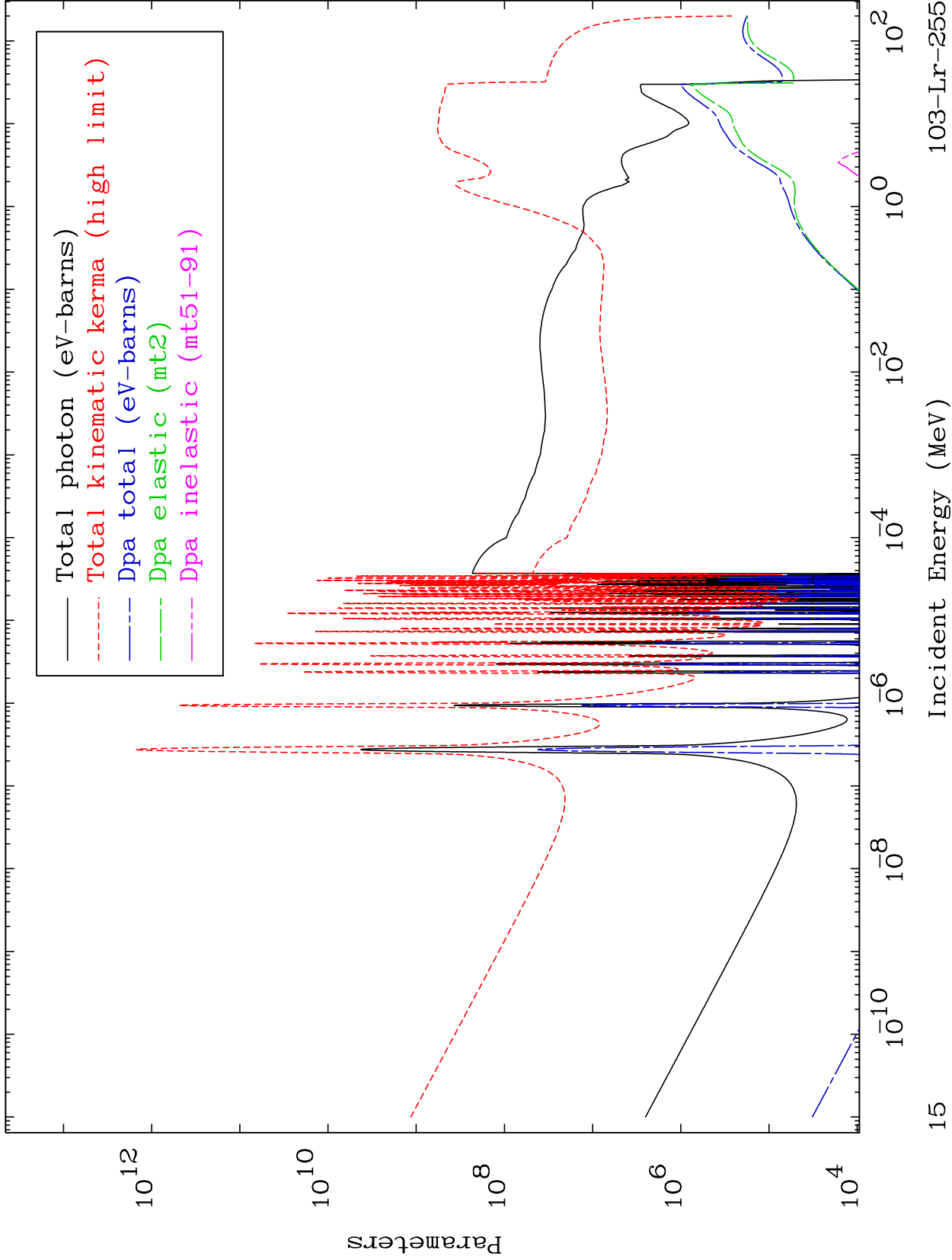
MAT 9989

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

103-Lr-255





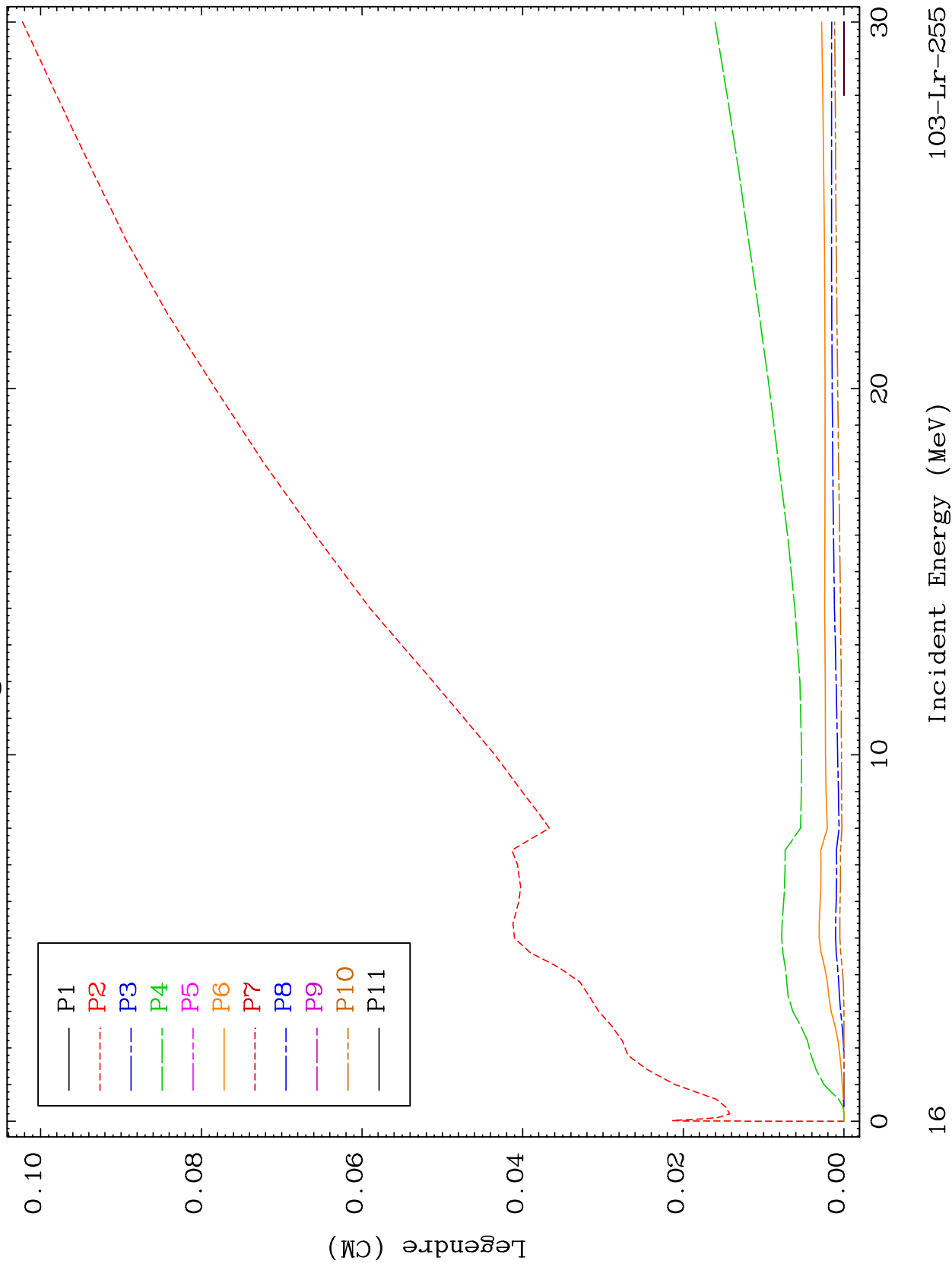




MAT 9989

Elastic  
Legendre Coefficients

103-Lr-255



16

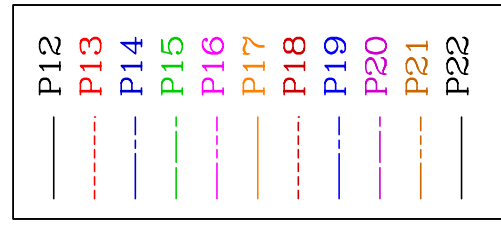
Incident Energy (MeV)

103-Lr-255

MAT 9989

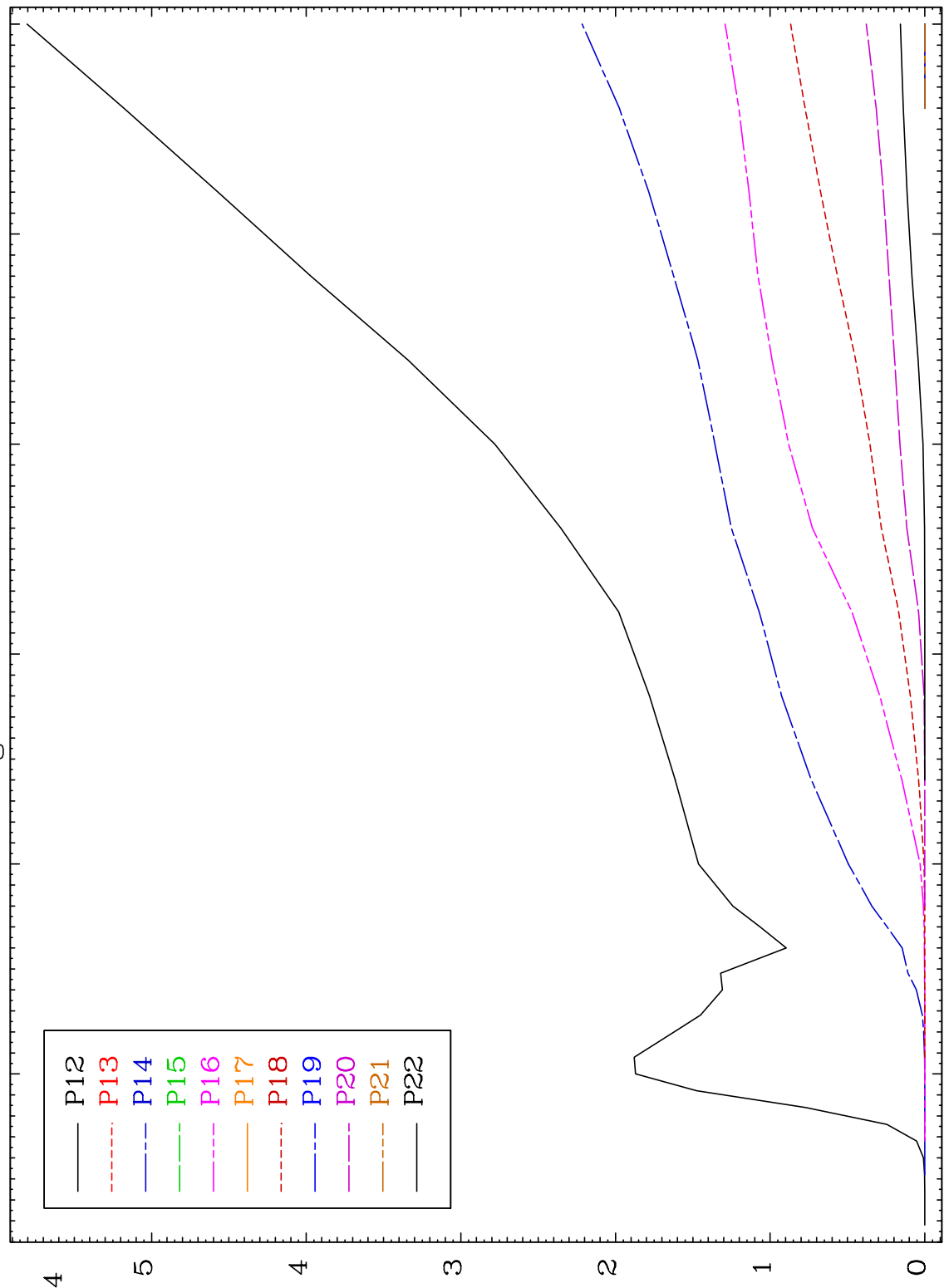
Elastic Legendre Coefficients

103-Lr-255



$\times 10^{-4}$

Legendre (CM)



17

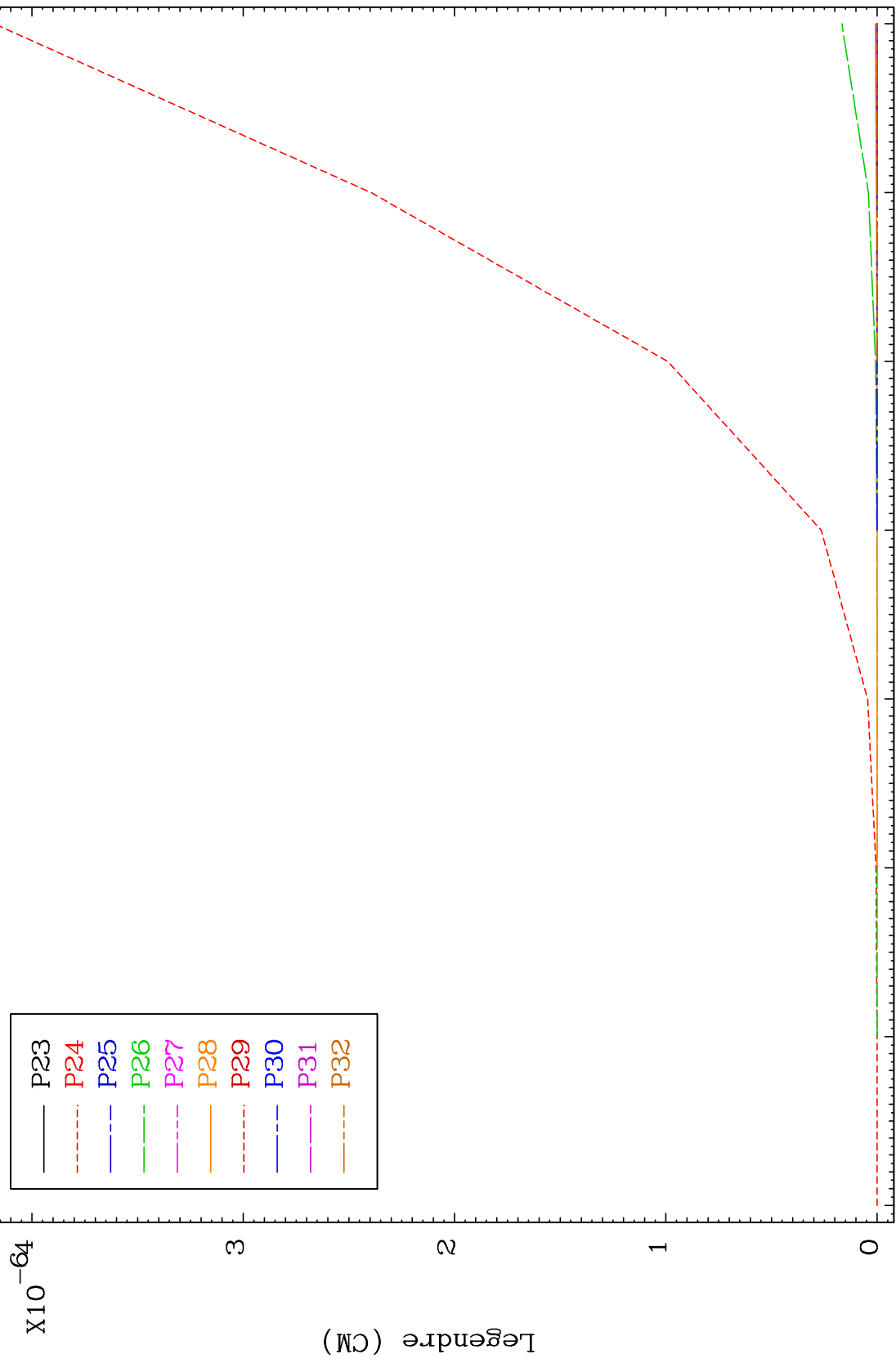
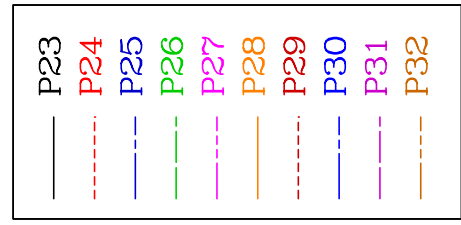
Incident Energy (MeV)

103-Lr-255

MAT 9989

Elastic  
Legendre Coefficients

103-Lr-255



18

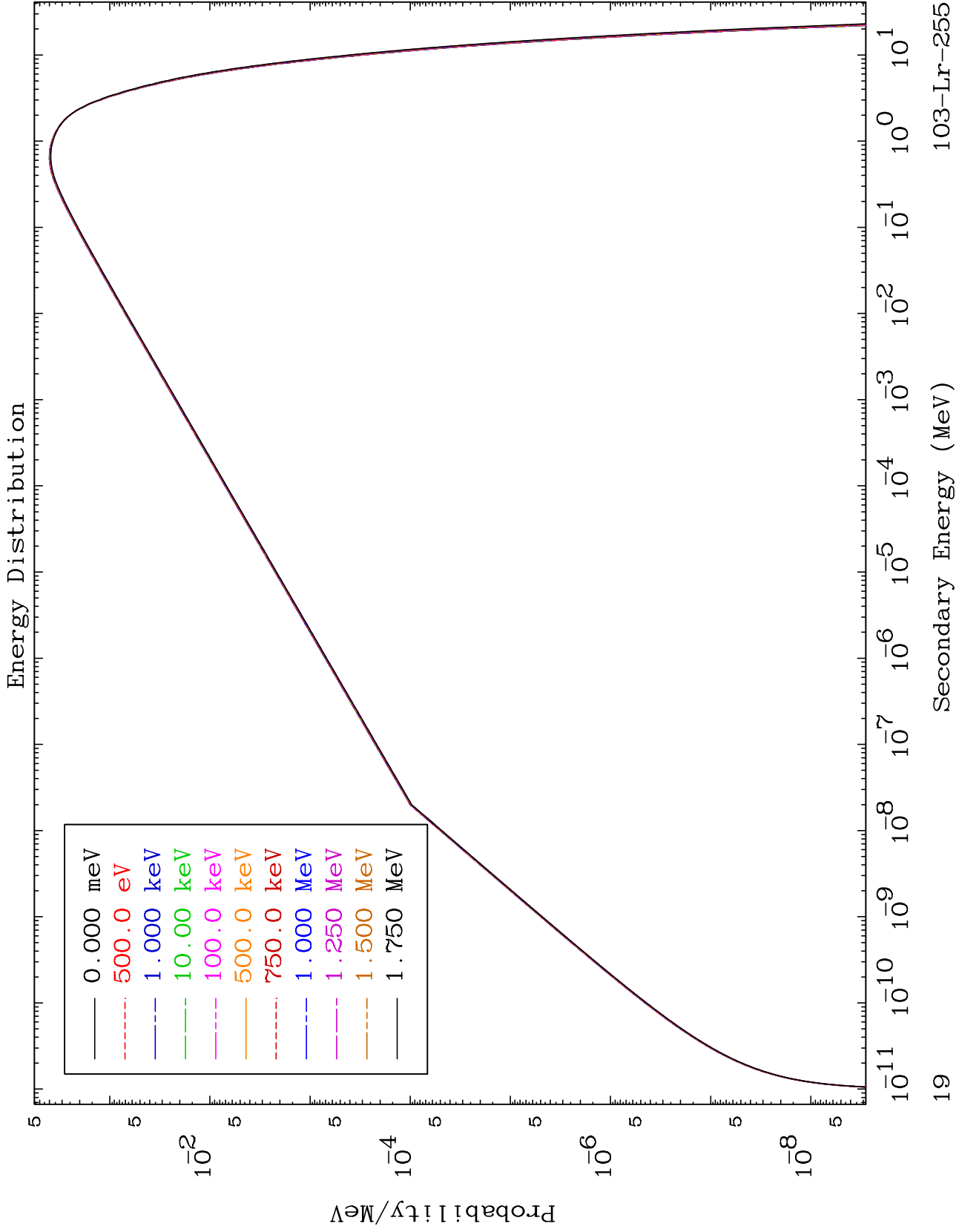
Incident Energy (MeV)

103-Lr-255

MAT 9989

Fission

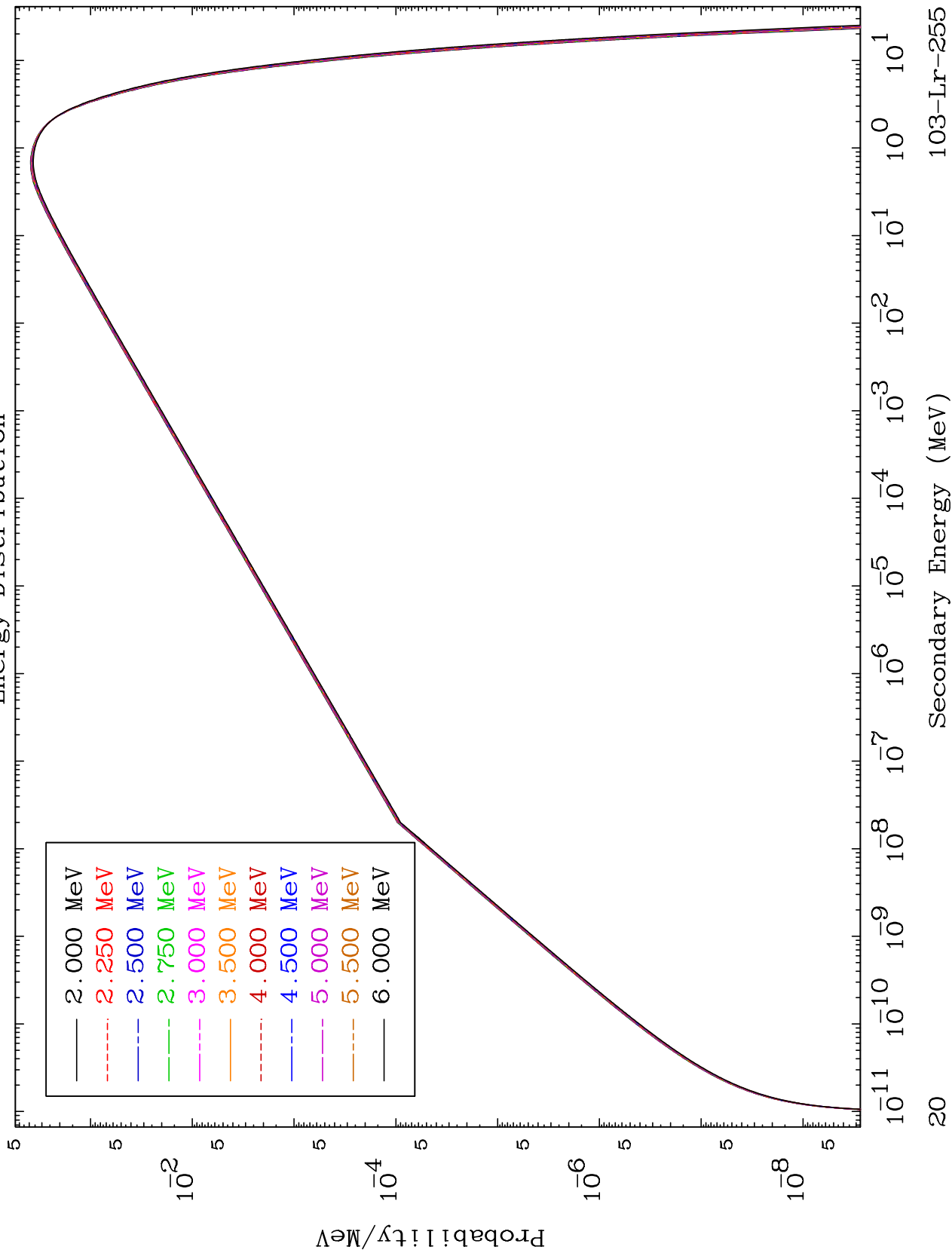
103-Lr-255



MAT 9989

### Fission Energy Distribution

103-Lr-255



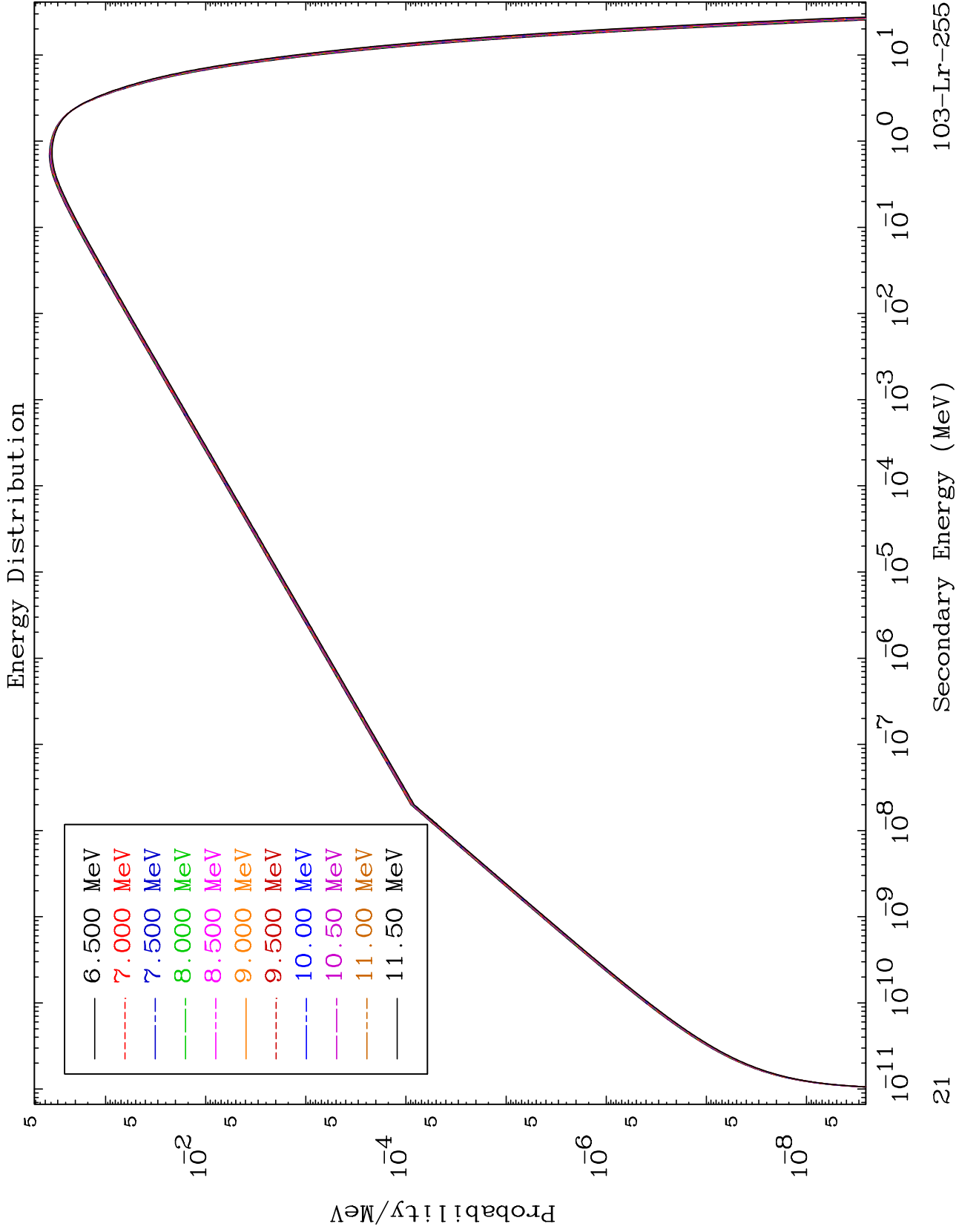
103-Lr-255

Secondary Energy (MeV)

MAT 9989

Fission

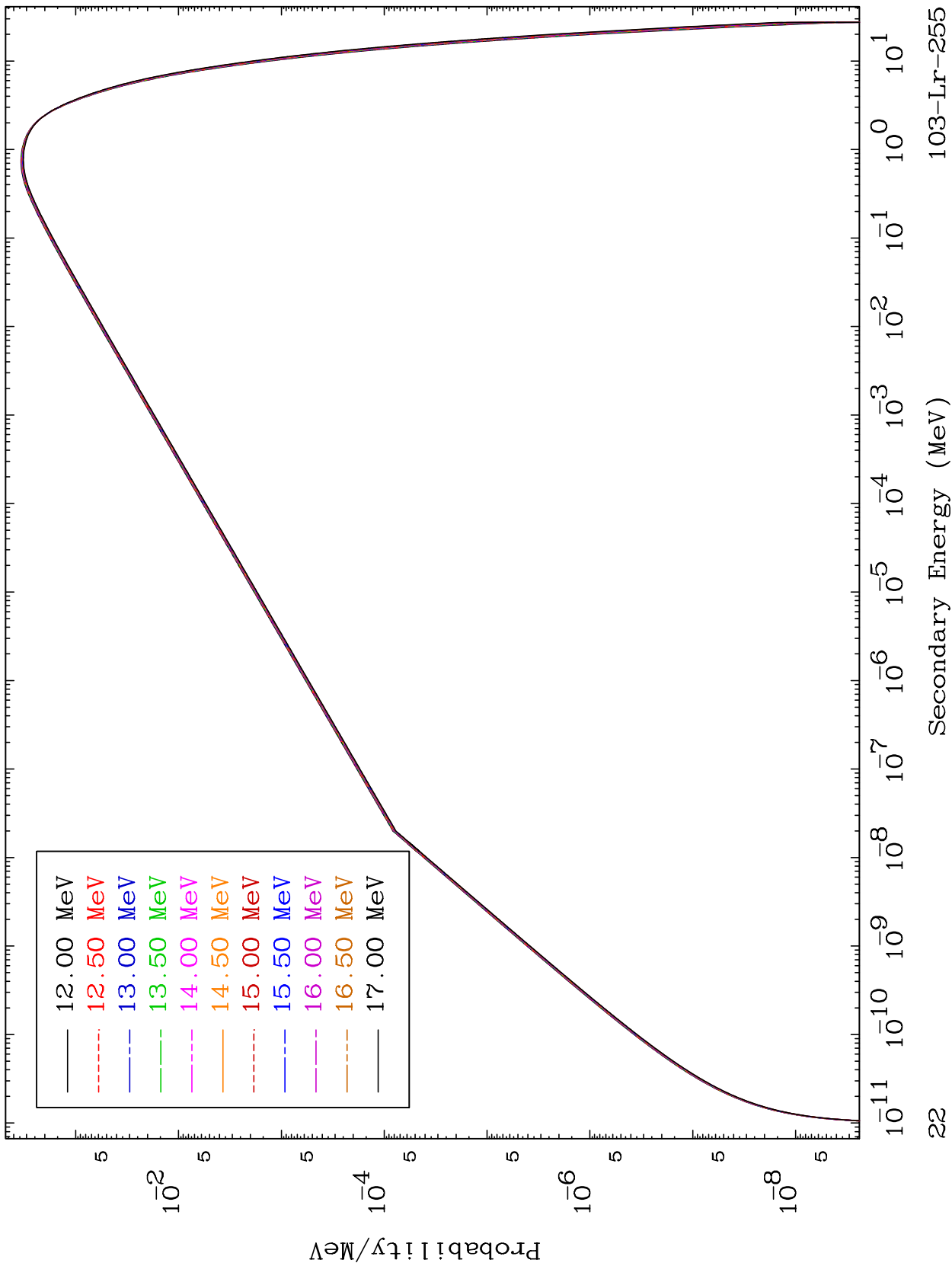
103-Lr-255



MAT 9989

### Fission Energy Distribution

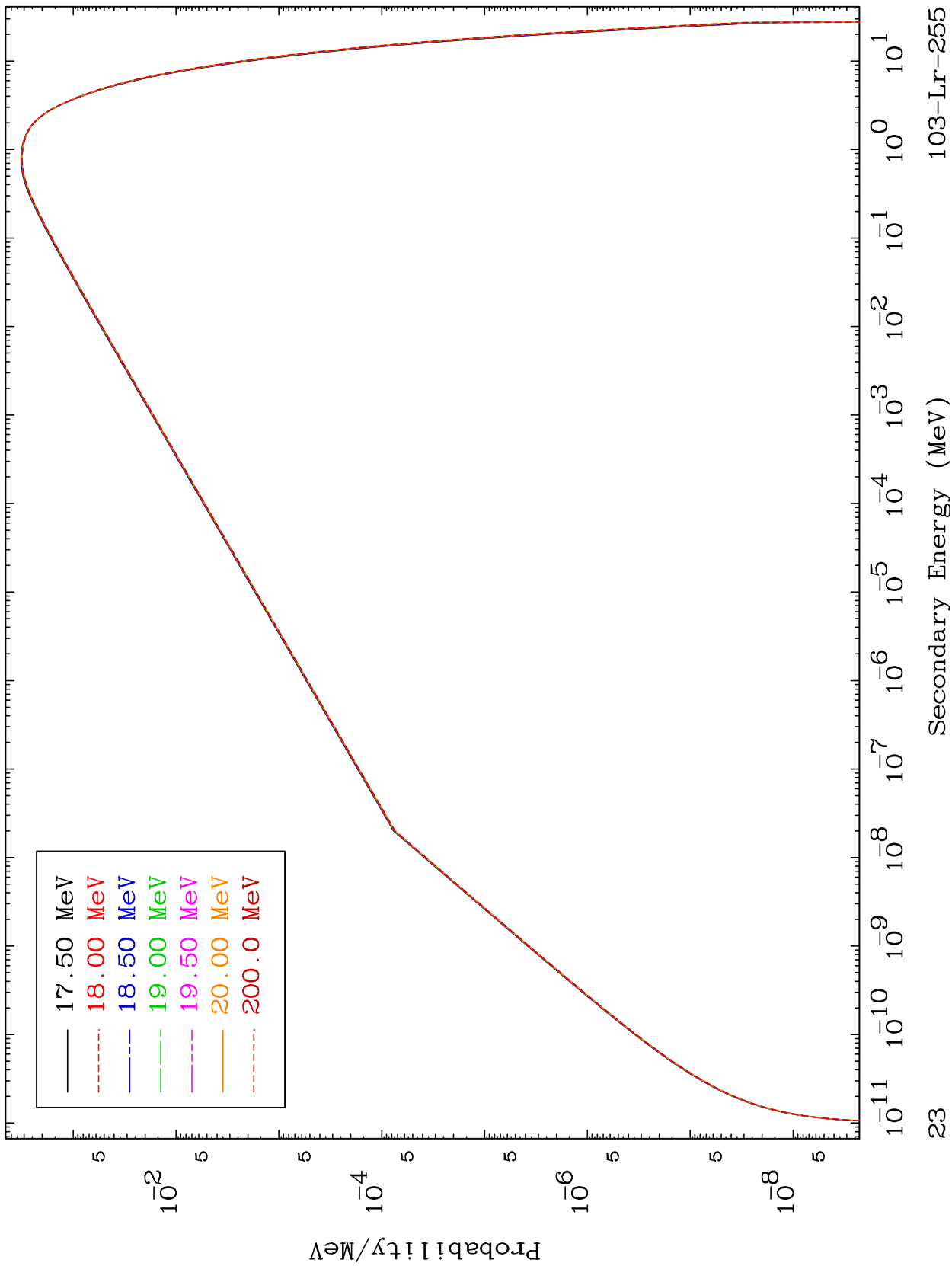
103-Lr-255



MAT 9989

Fission  
Energy Distribution

103-Lr-255

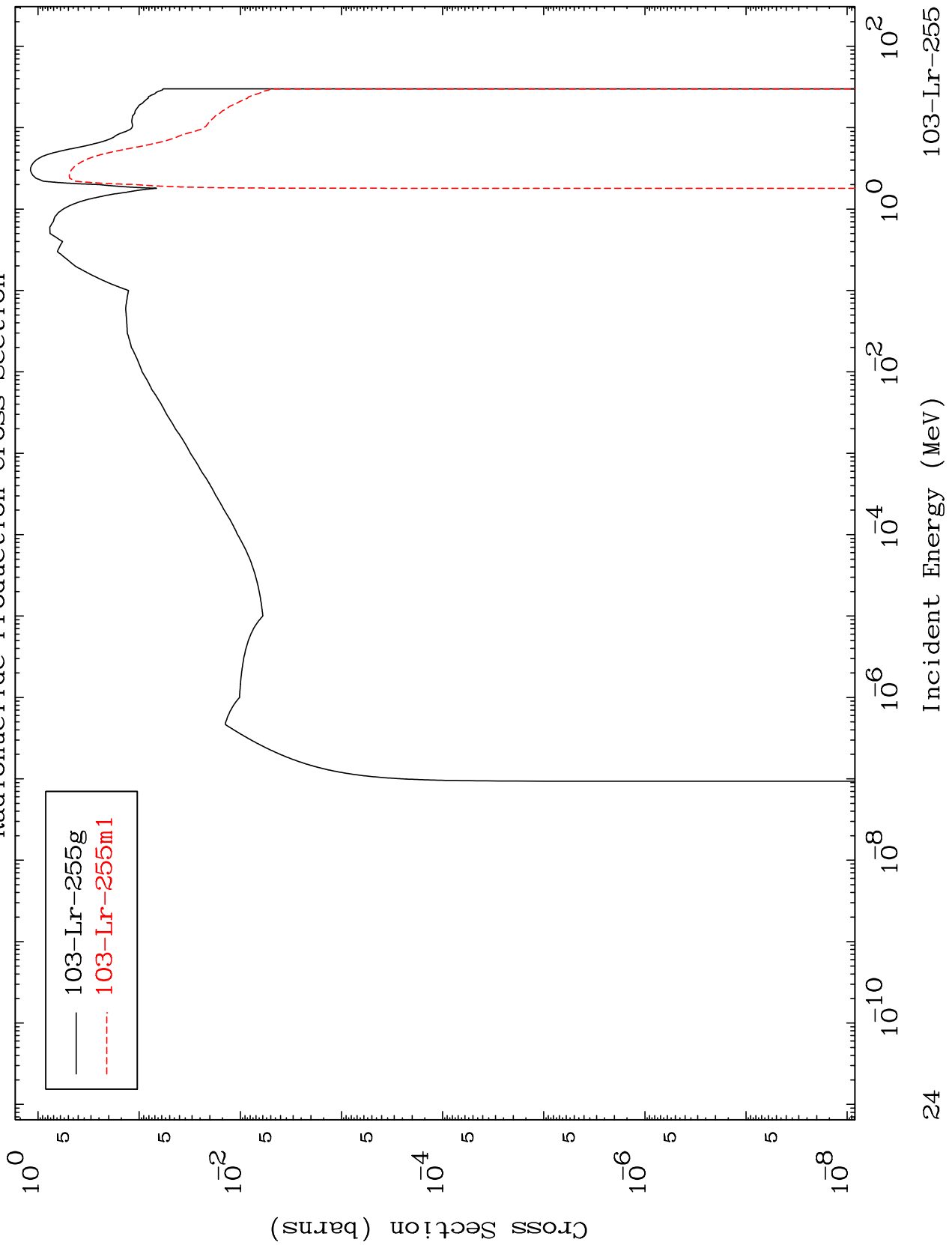




MAT 9989

103-Lr-255

Inelastic  
Radionuclide Production Cross Section

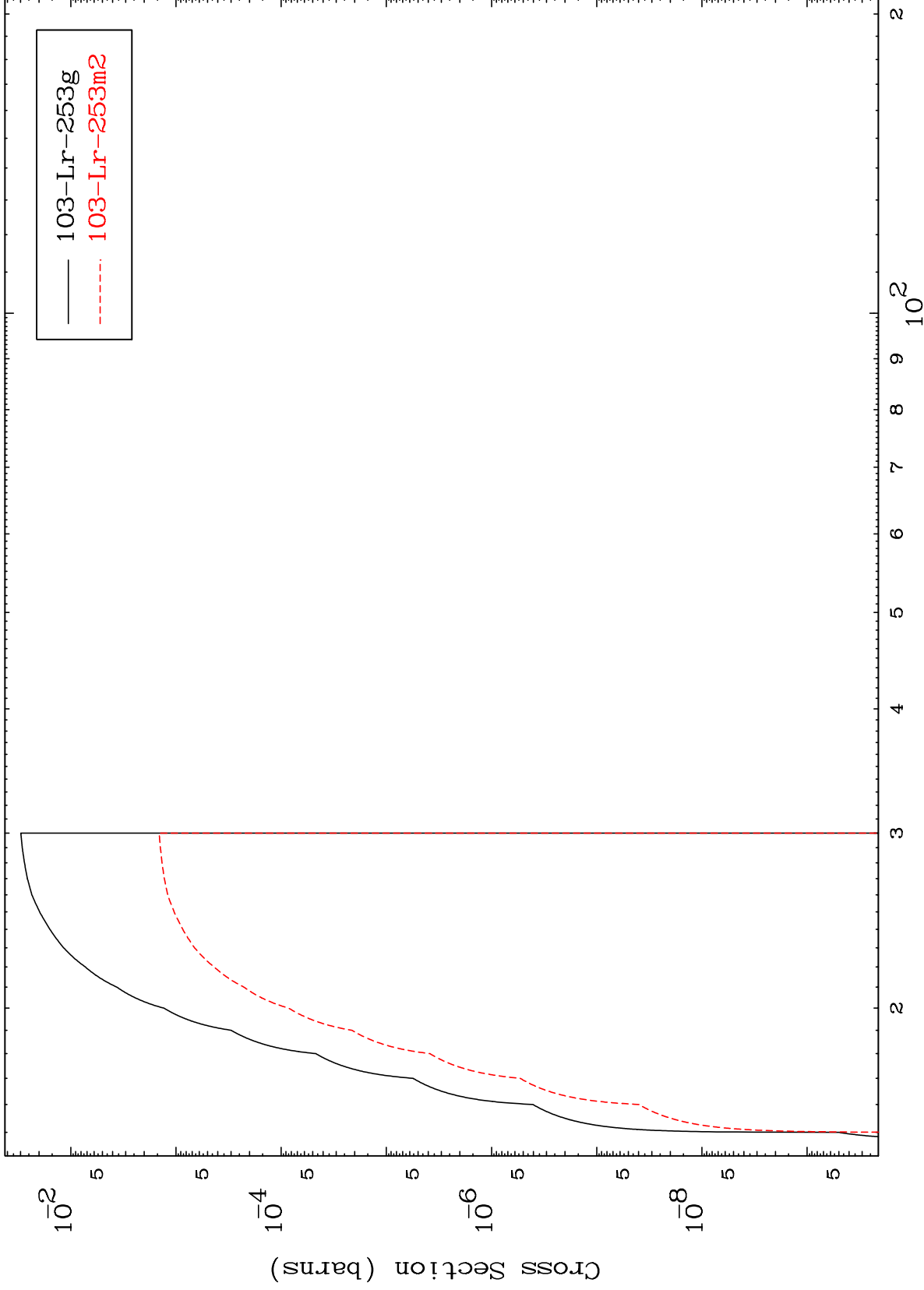


MAT 9989

(n,3n)

103-Lr-255

Radionuclide Production Cross Section



25

Incident Energy (MeV)

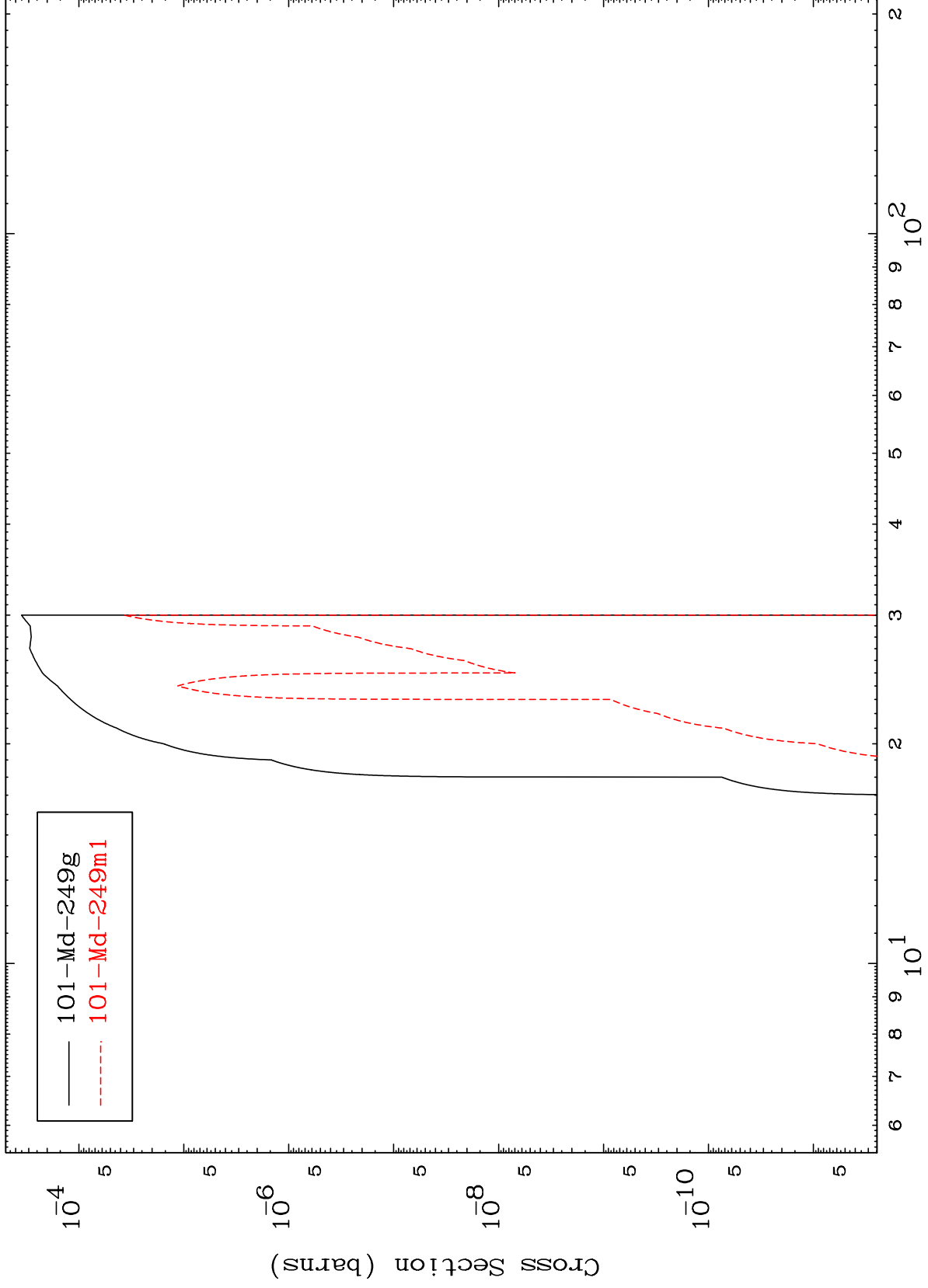
103-Lr-255

MAT 9989

(n,3n)  $\alpha$

103-Lr-255

Radionuclide Production Cross Section



26

Incident Energy (MeV)

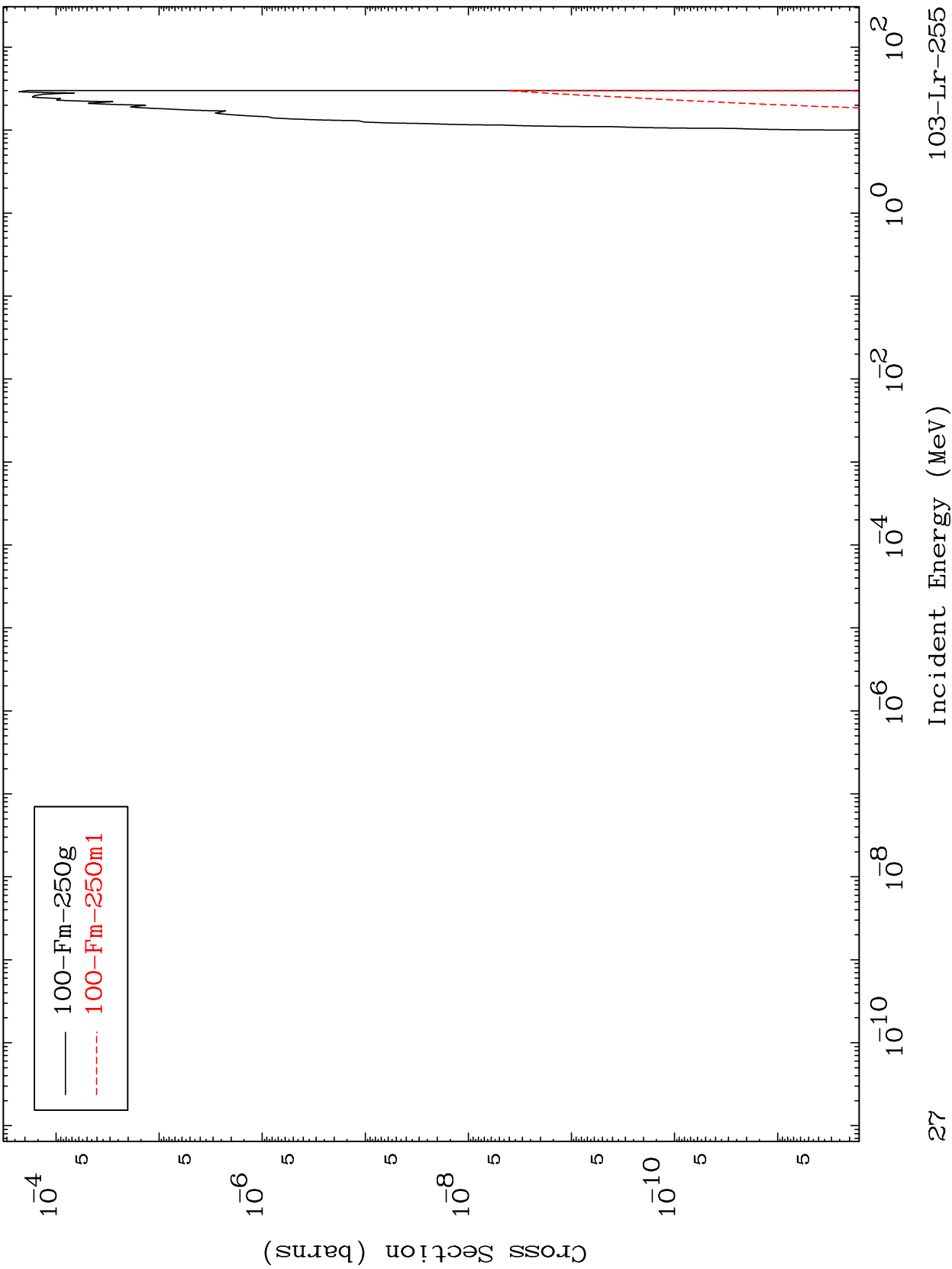
103-Lr-255

MAT 9989

(n,n') p  $\alpha$

103-Lr-255

Radionuclide Production Cross Section

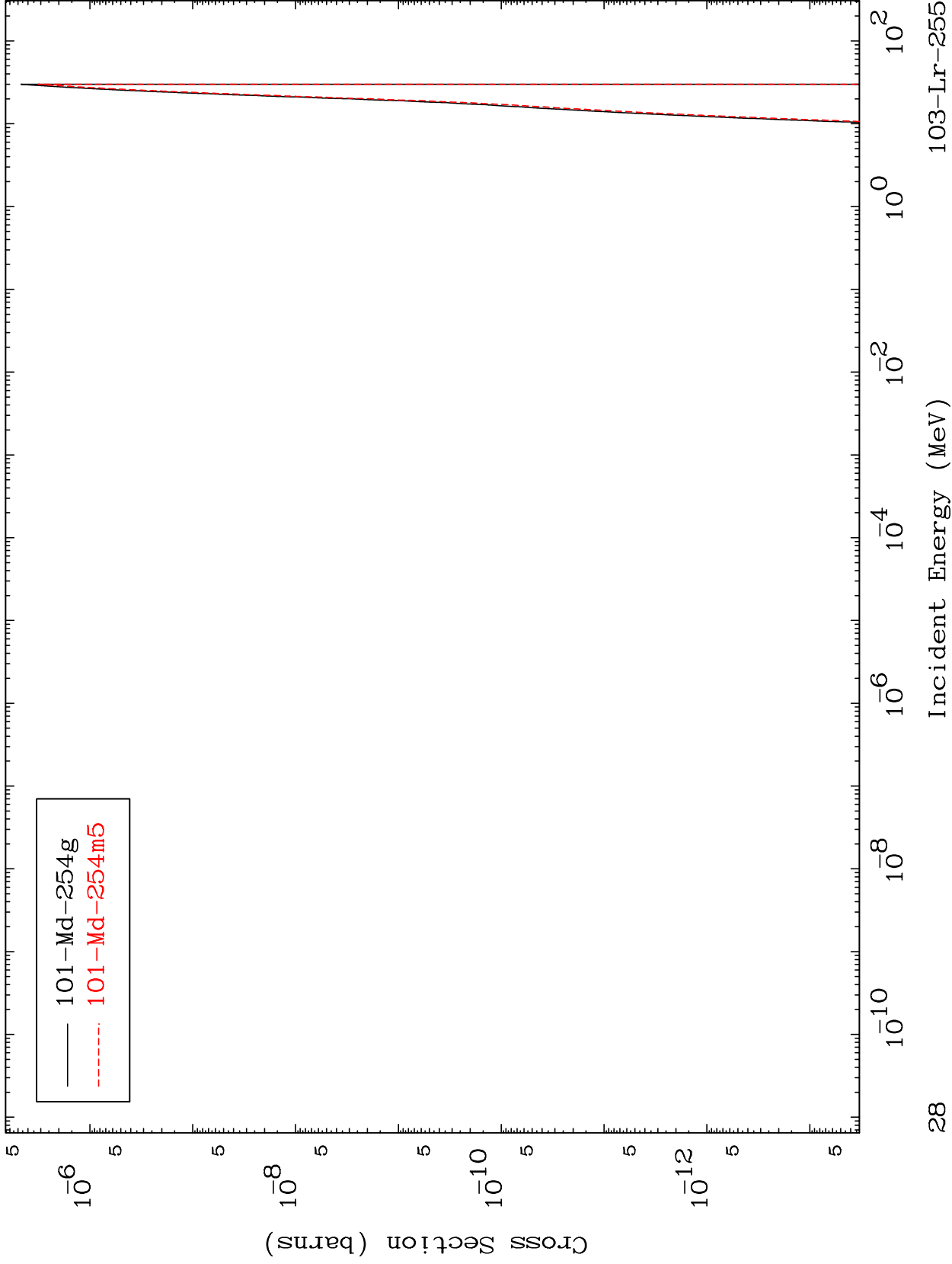


MAT 9989

(n,2p)

103-Lr-255

Radionuclide Production Cross Section



MAT 9989

(n,d)  $\alpha$

103-Lr-255

Radionuclide Production Cross Section

