

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

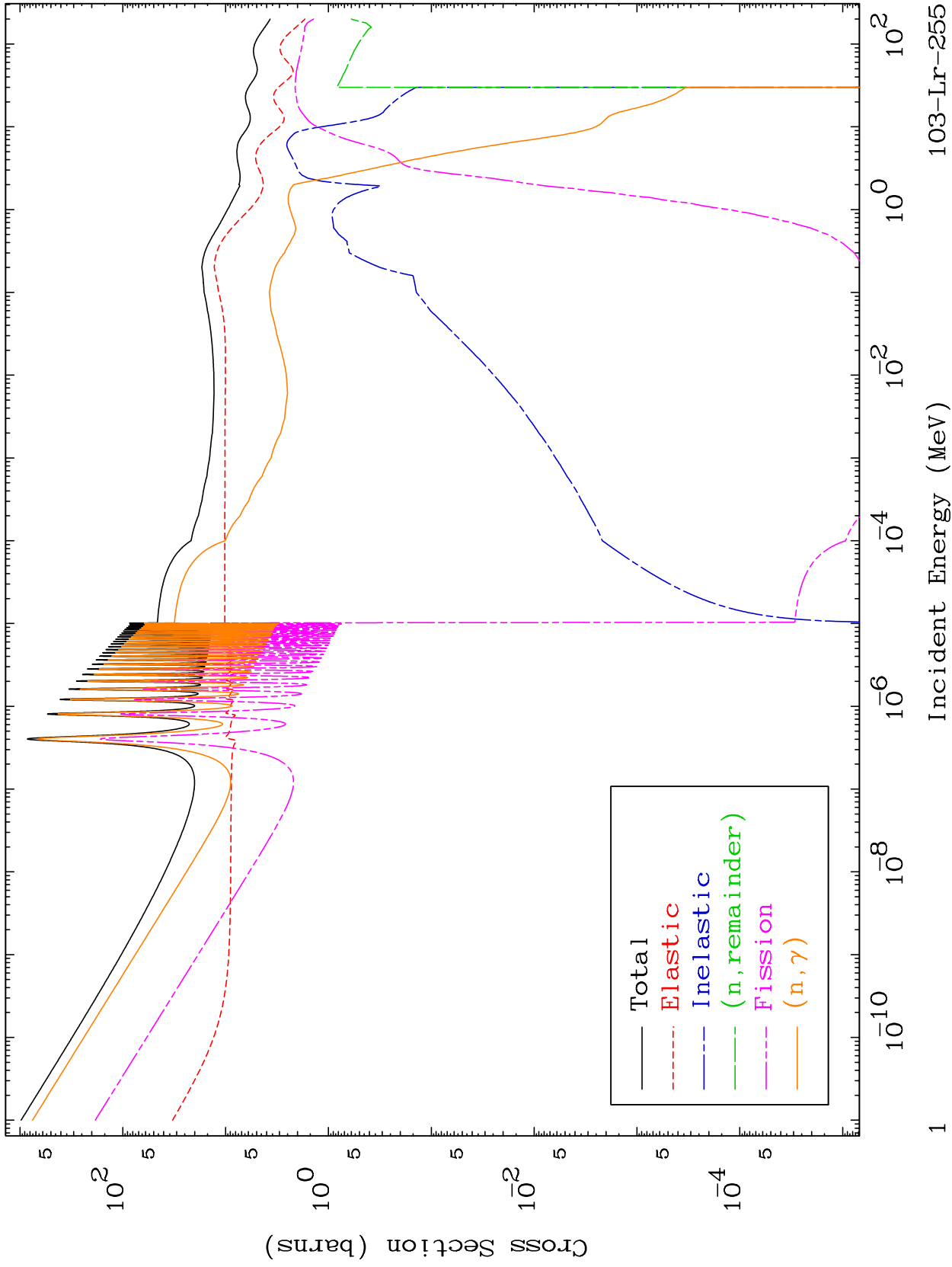
Press Mouse Button to Start

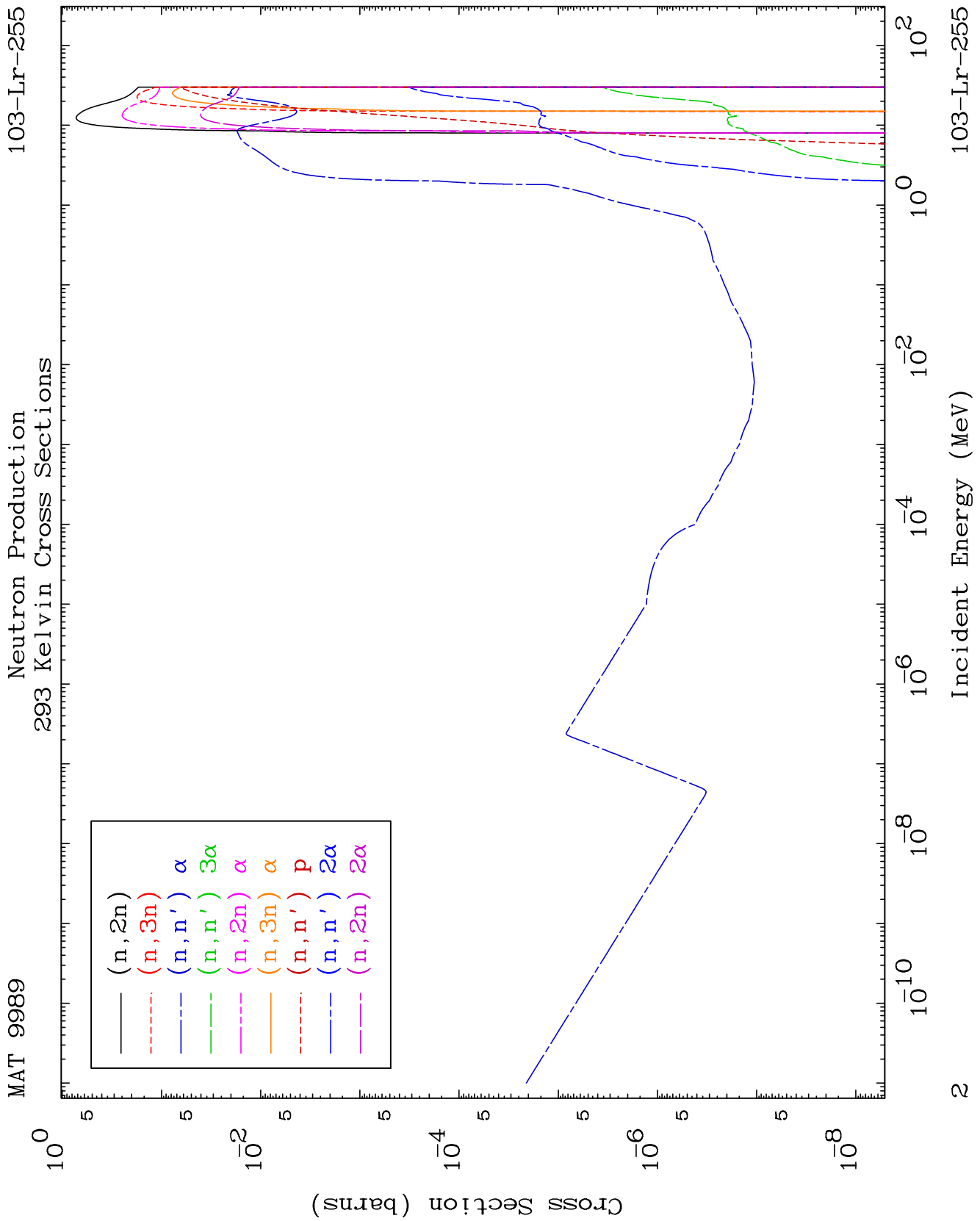
MAT 9989

Major

293 Kelvin Cross Sections

103-Lr-255

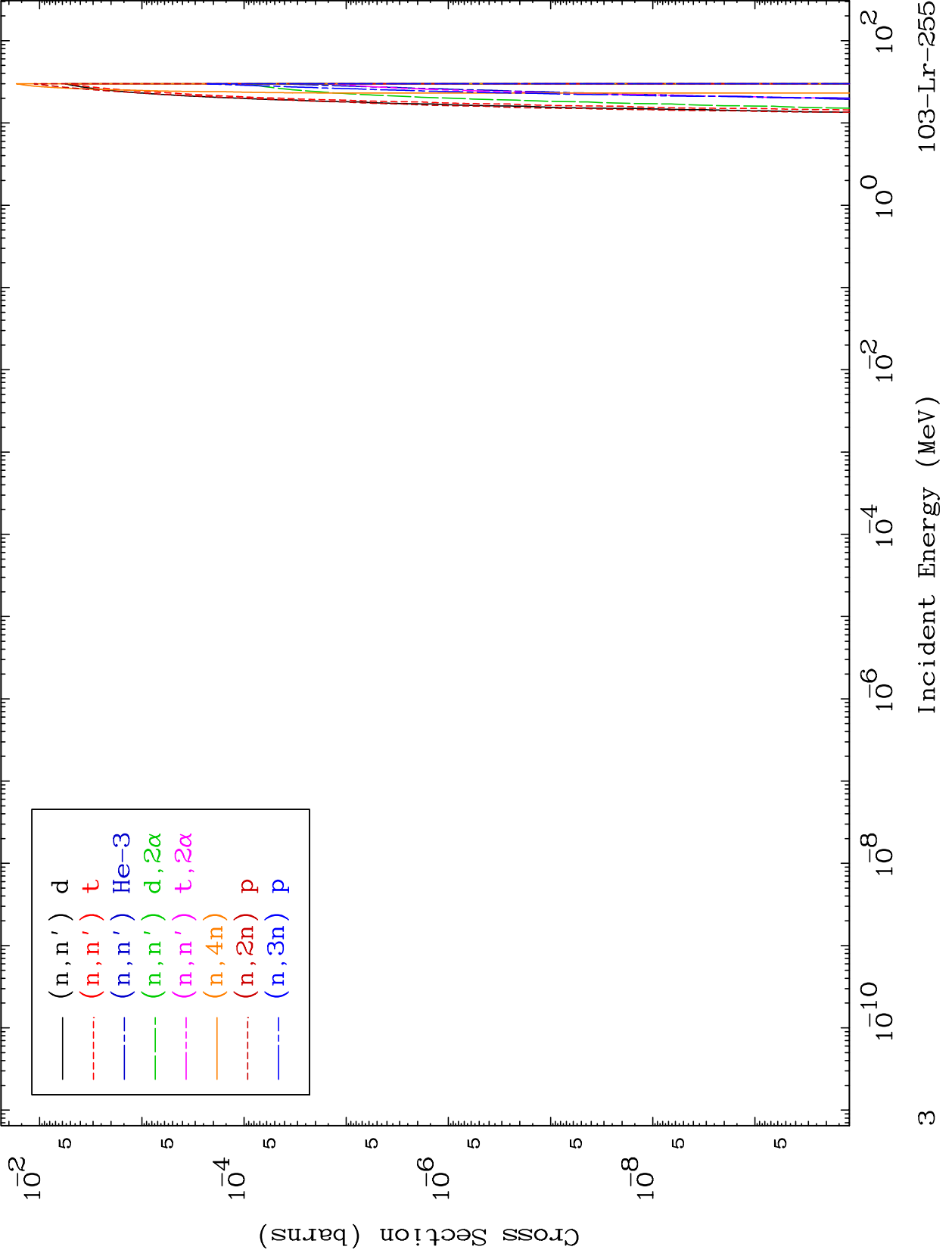




MAT 9989

Neutron Production
293 Kelvin Cross Sections

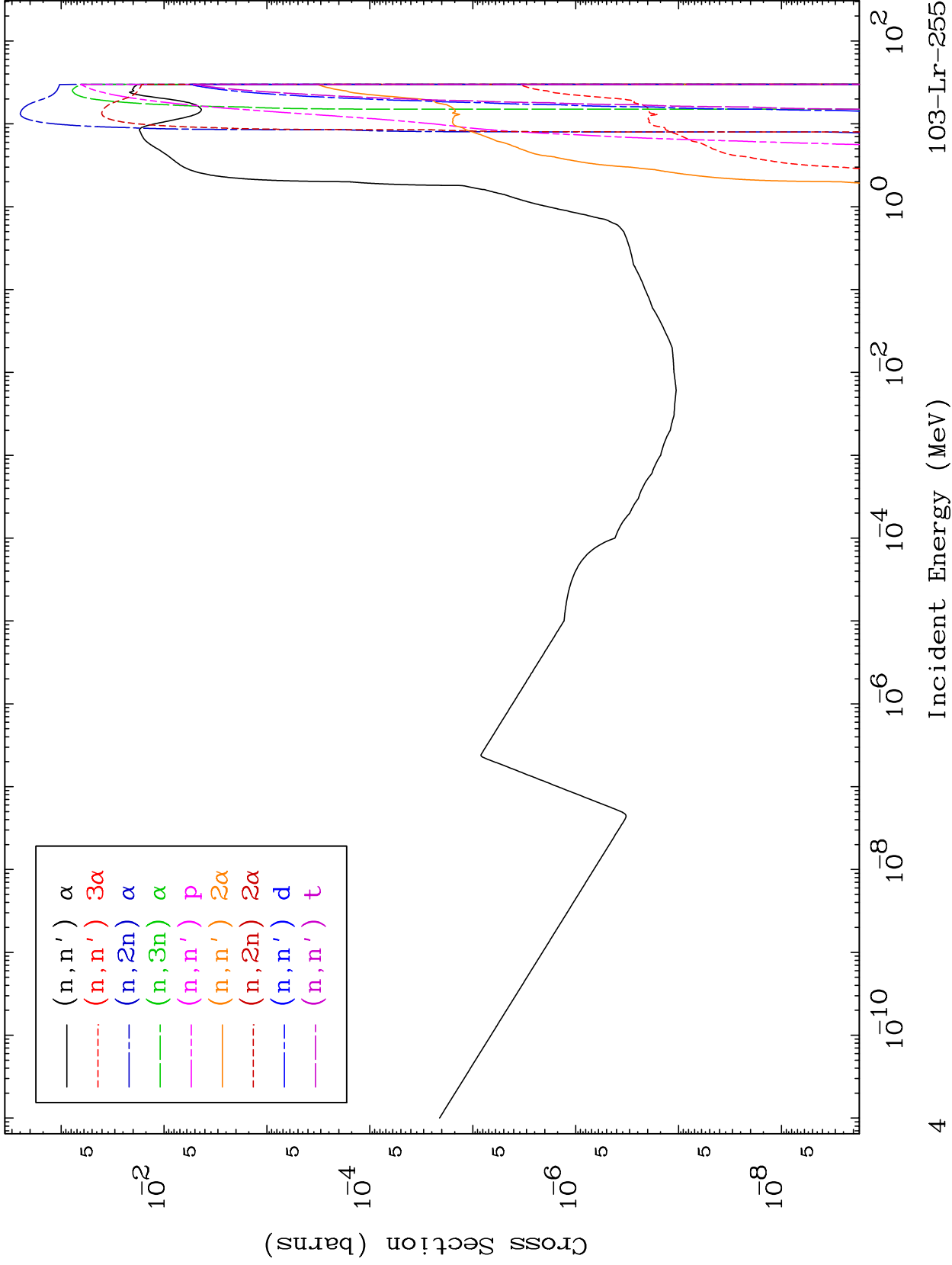
103-Lr-255



MAT 9989

Charged Particle
293 Kelvin Cross Sections

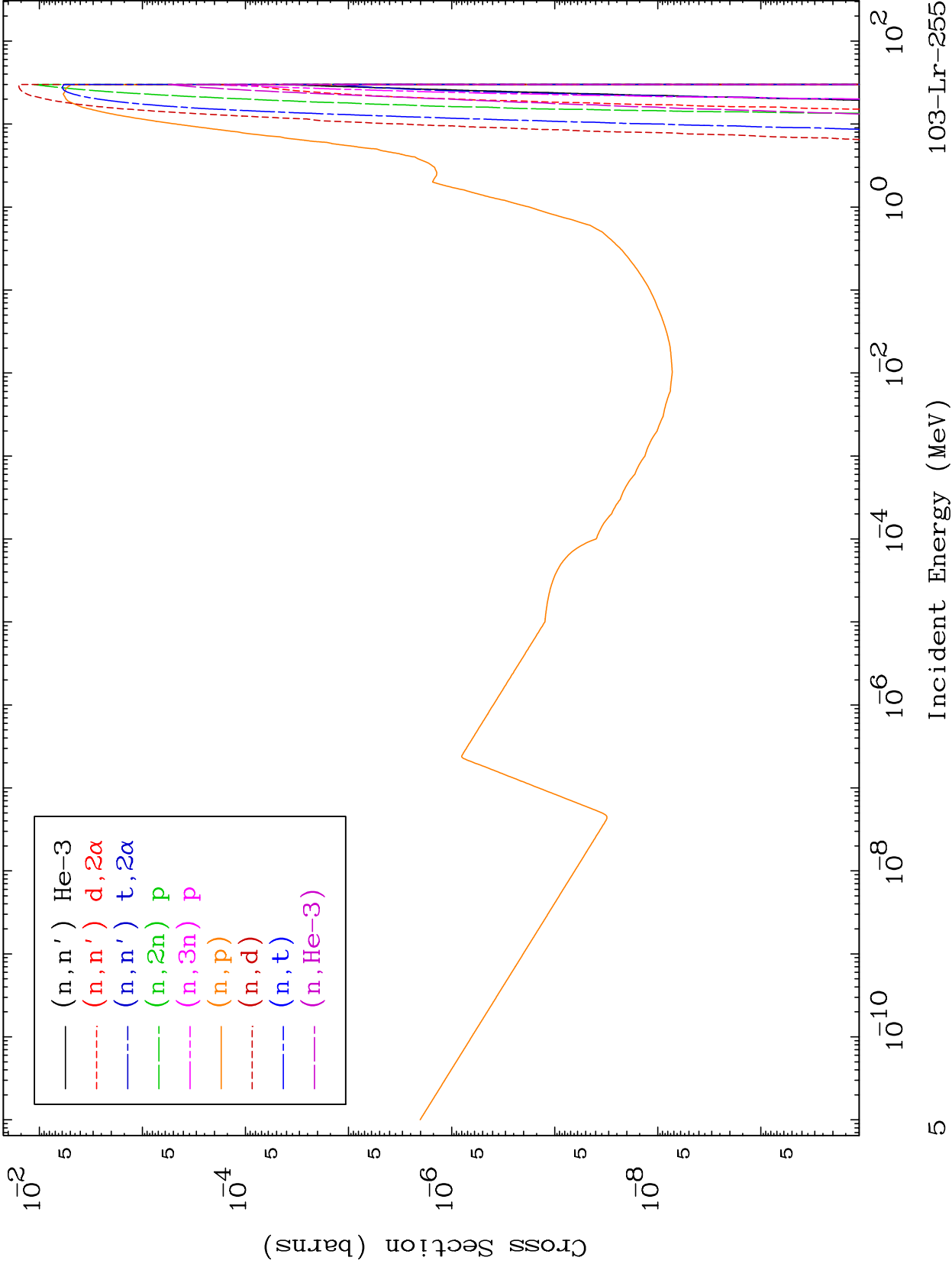
103-Lr-255



MAT 9989

Charged Particle
293 Kelvin Cross Sections

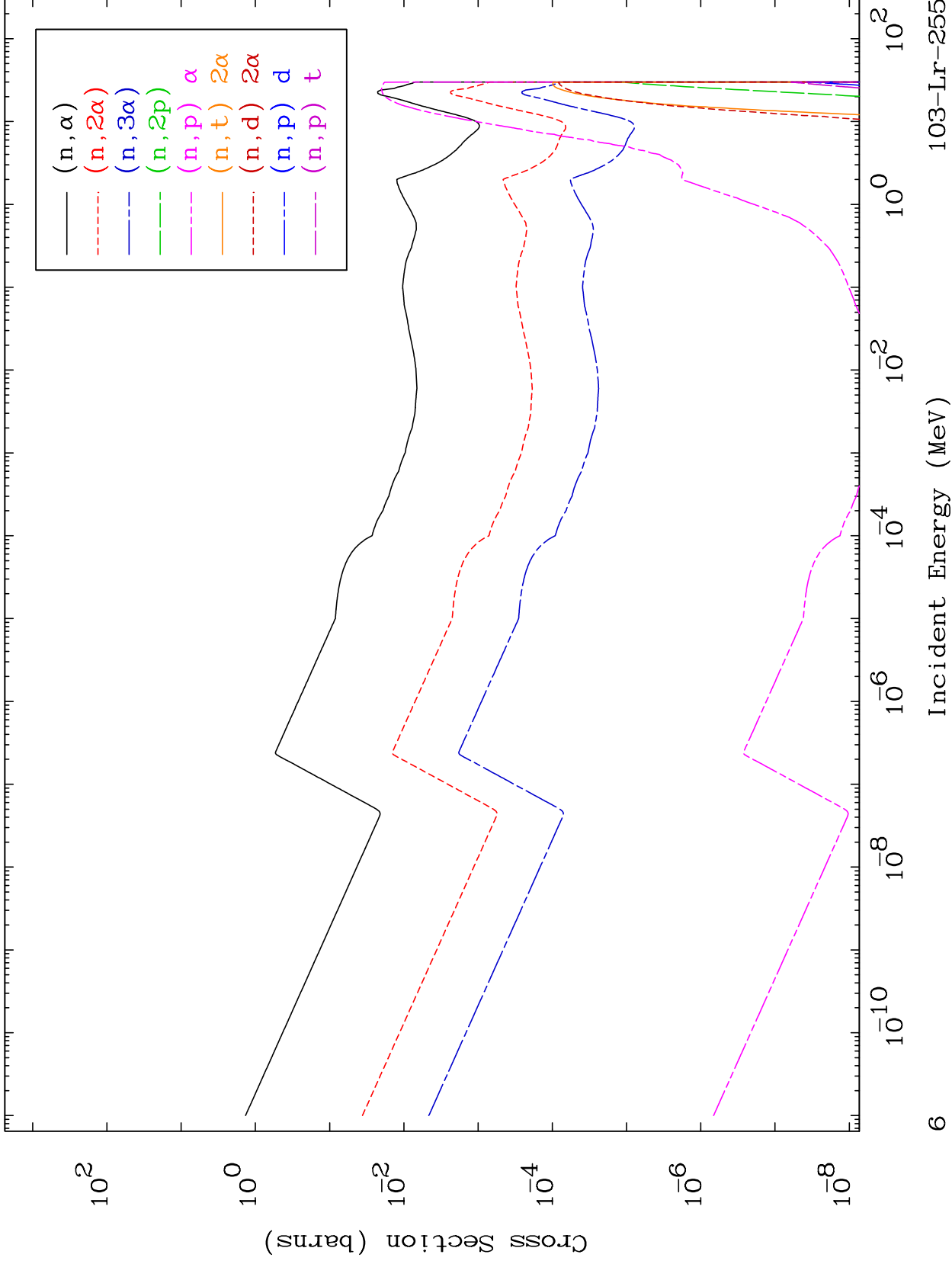
103-Lr-255



MAT 9989

Charged Particle
293 Kelvin Cross Sections

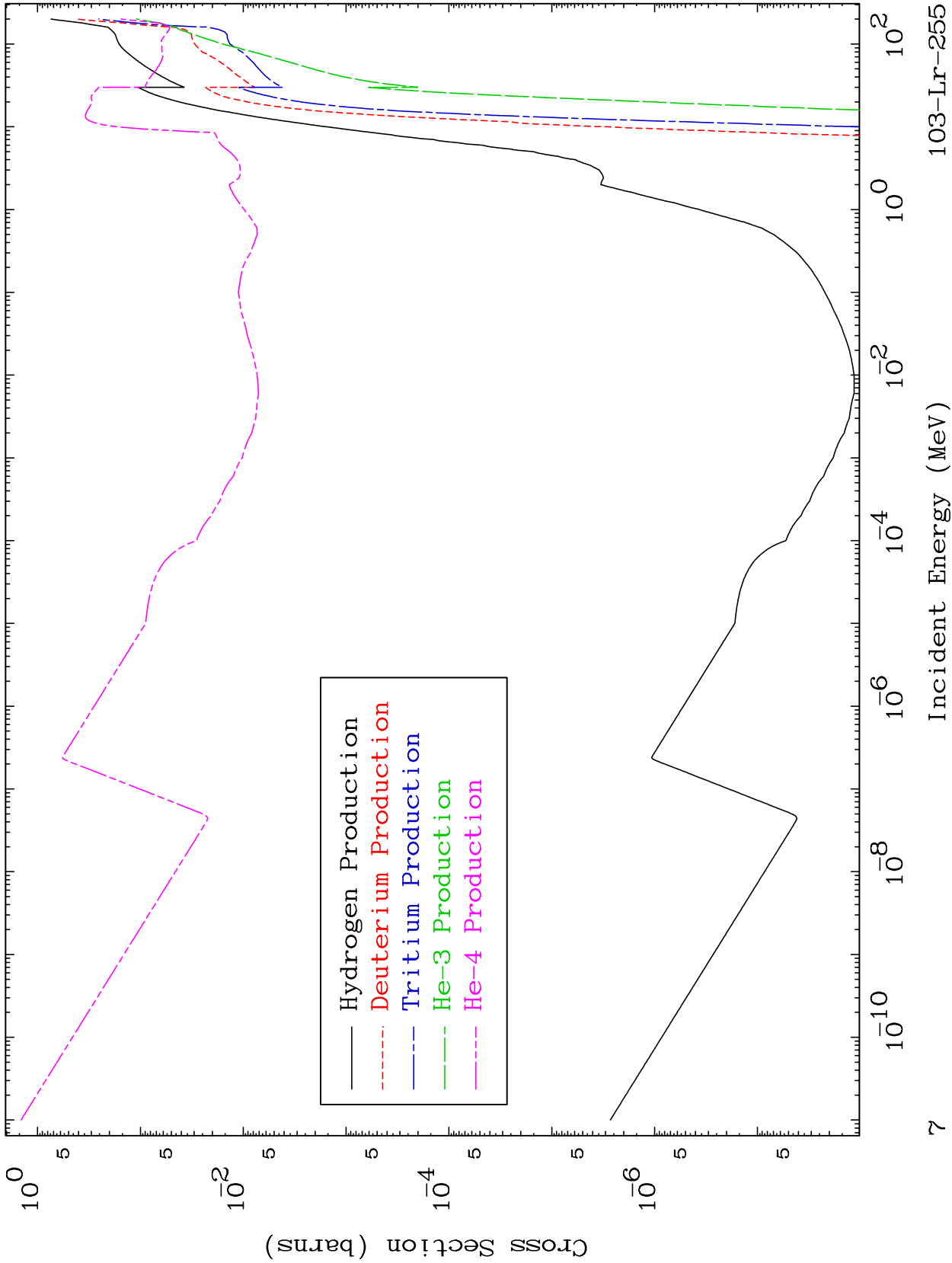
103-Lr-255

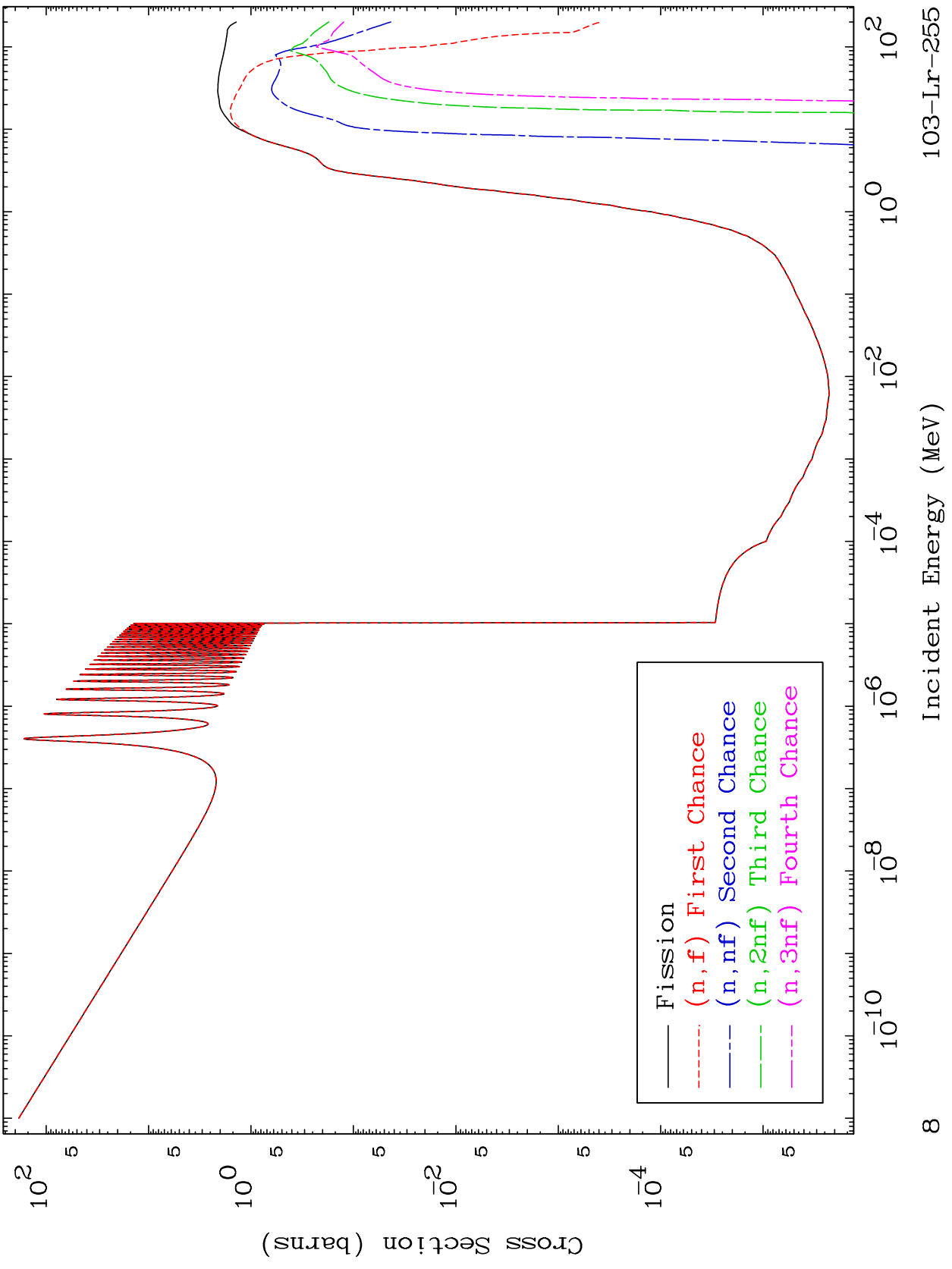


MAT 9989

Particle Production
293 Kelvin Cross Sections

103-Lr-255



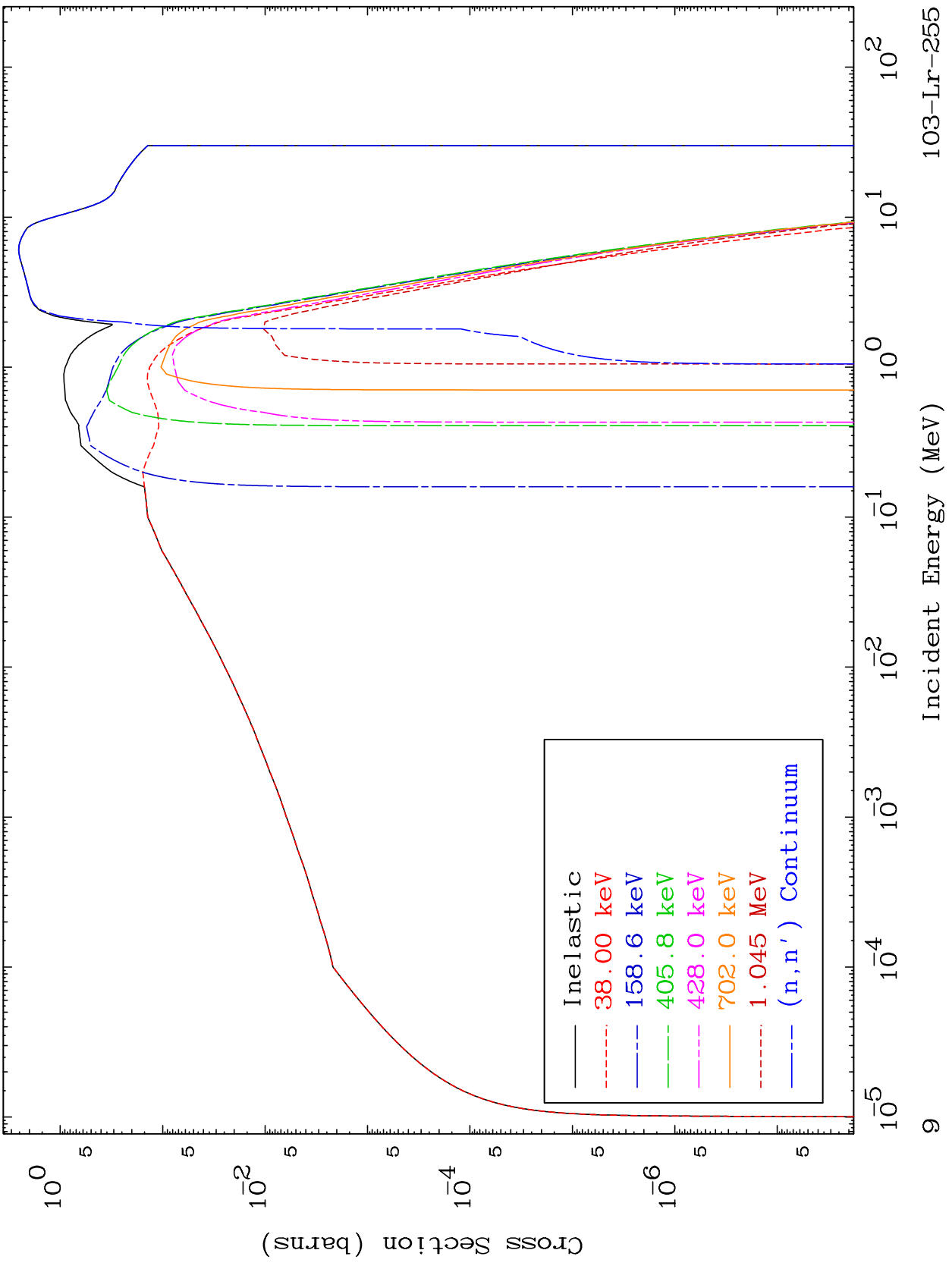


MAT 9989

(n,n') Level

103-Lr-255

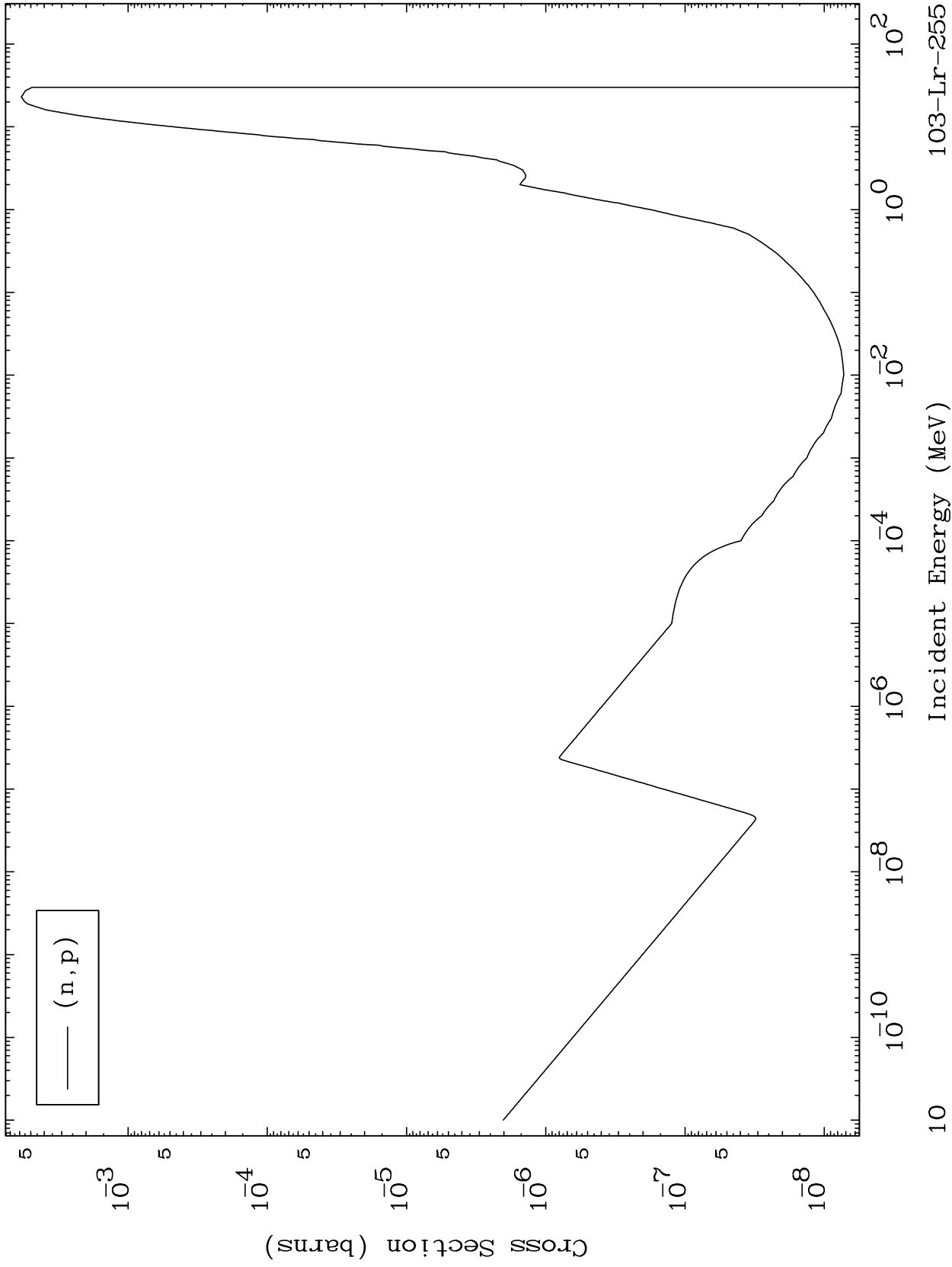
293 Kelvin Cross Sections



MAT 9989

(n,p) Levels
293 Kelvin Cross Sections

103-Lr-255



10

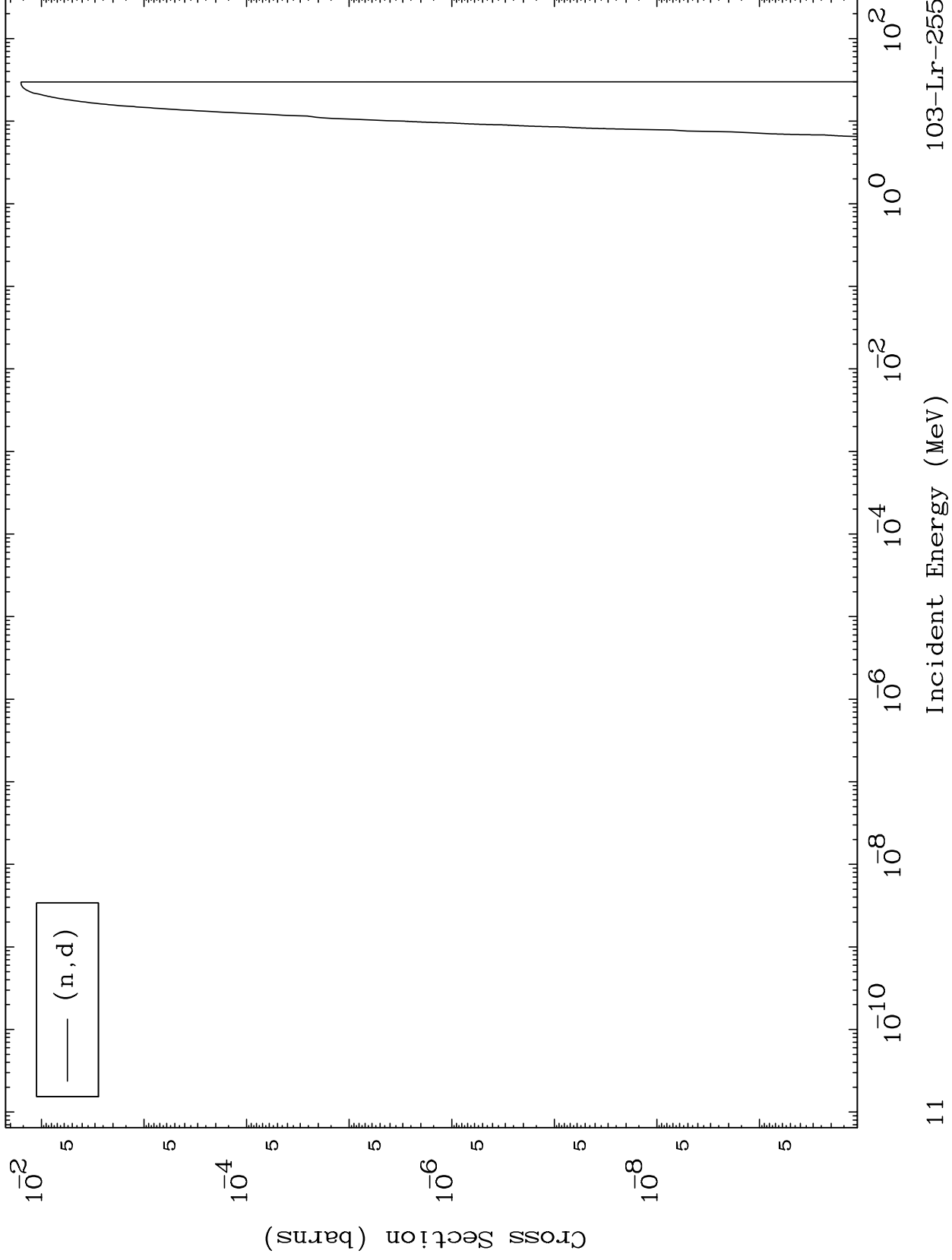
Incident Energy (MeV)

103-Lr-255

MAT 9989

(n,d) Levels
293 Kelvin Cross Sections

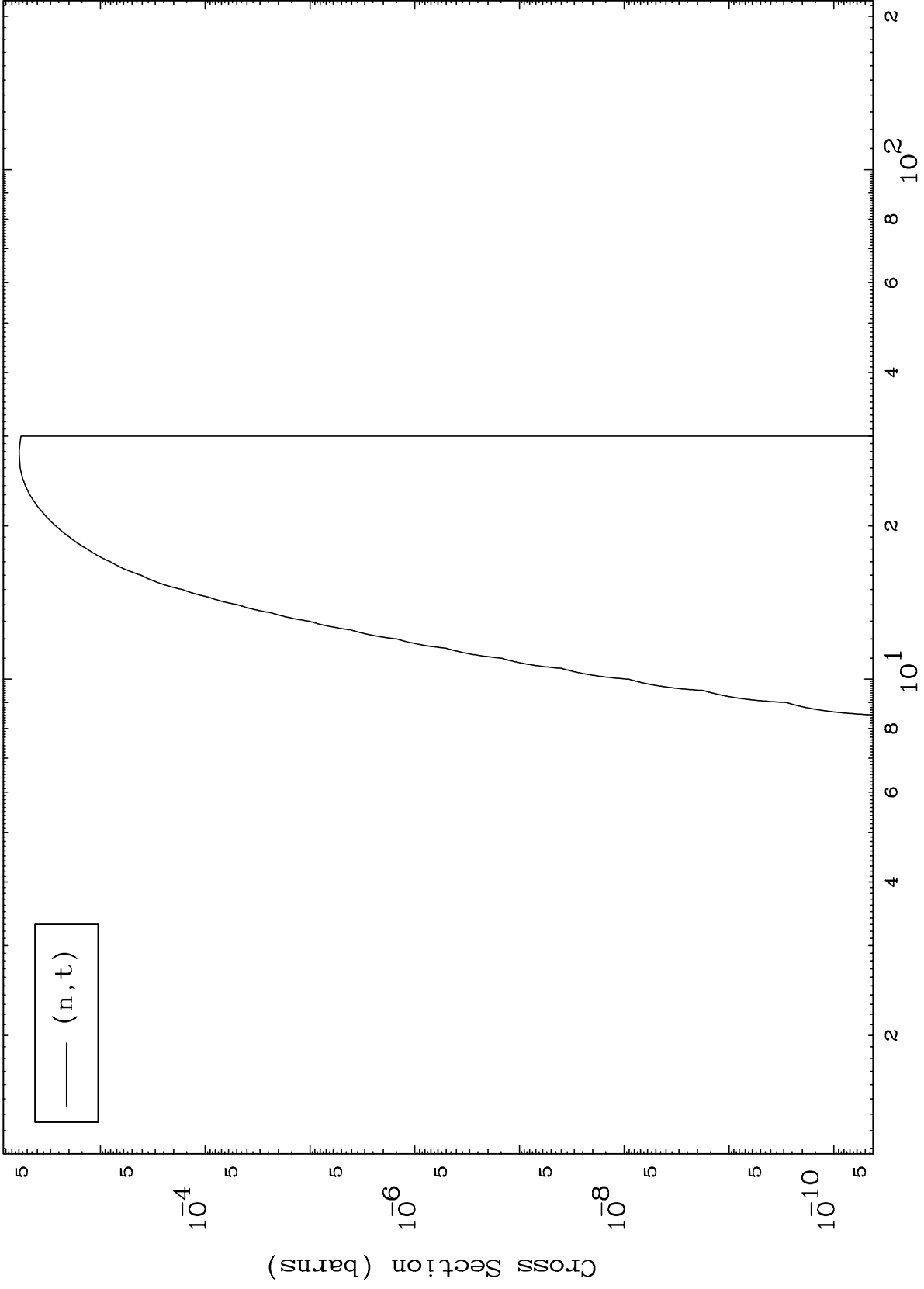
103-Lr-255



MAT 9989

(n,t) Levels
293 Kelvin Cross Sections

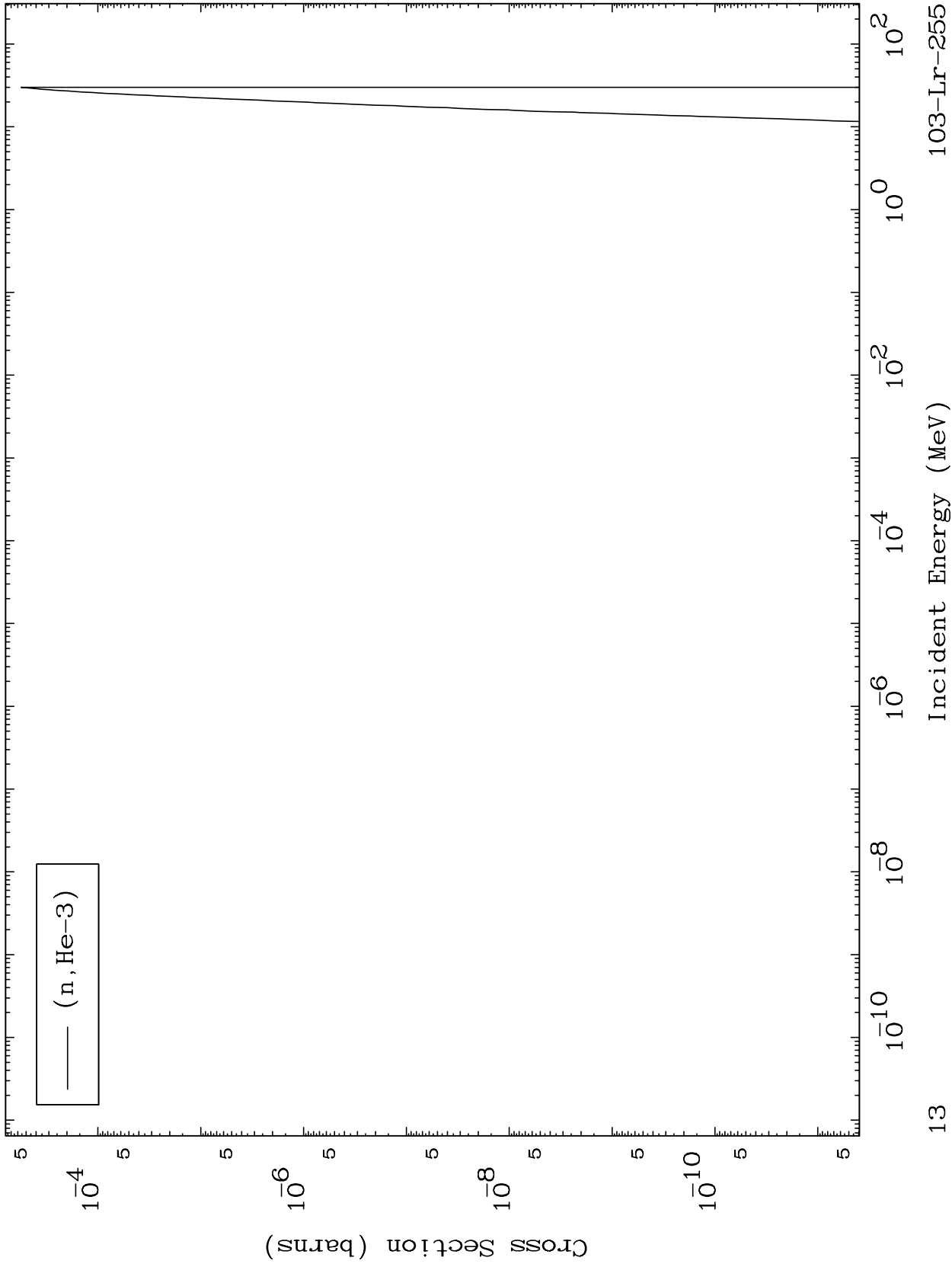
103-Lr-255



MAT 9989

(n,He3) Levels
293 Kelvin Cross Sections

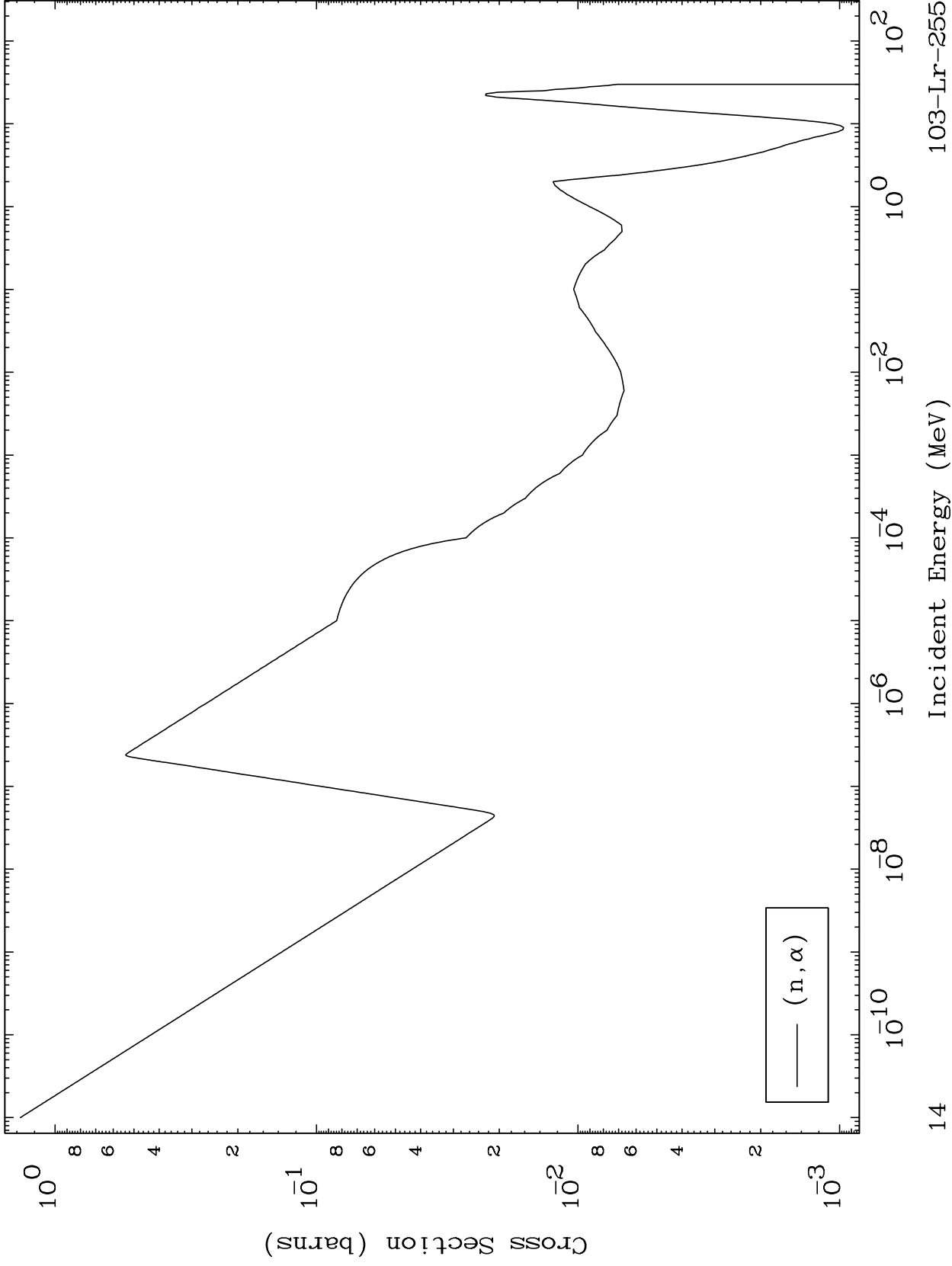
103-Lr-255

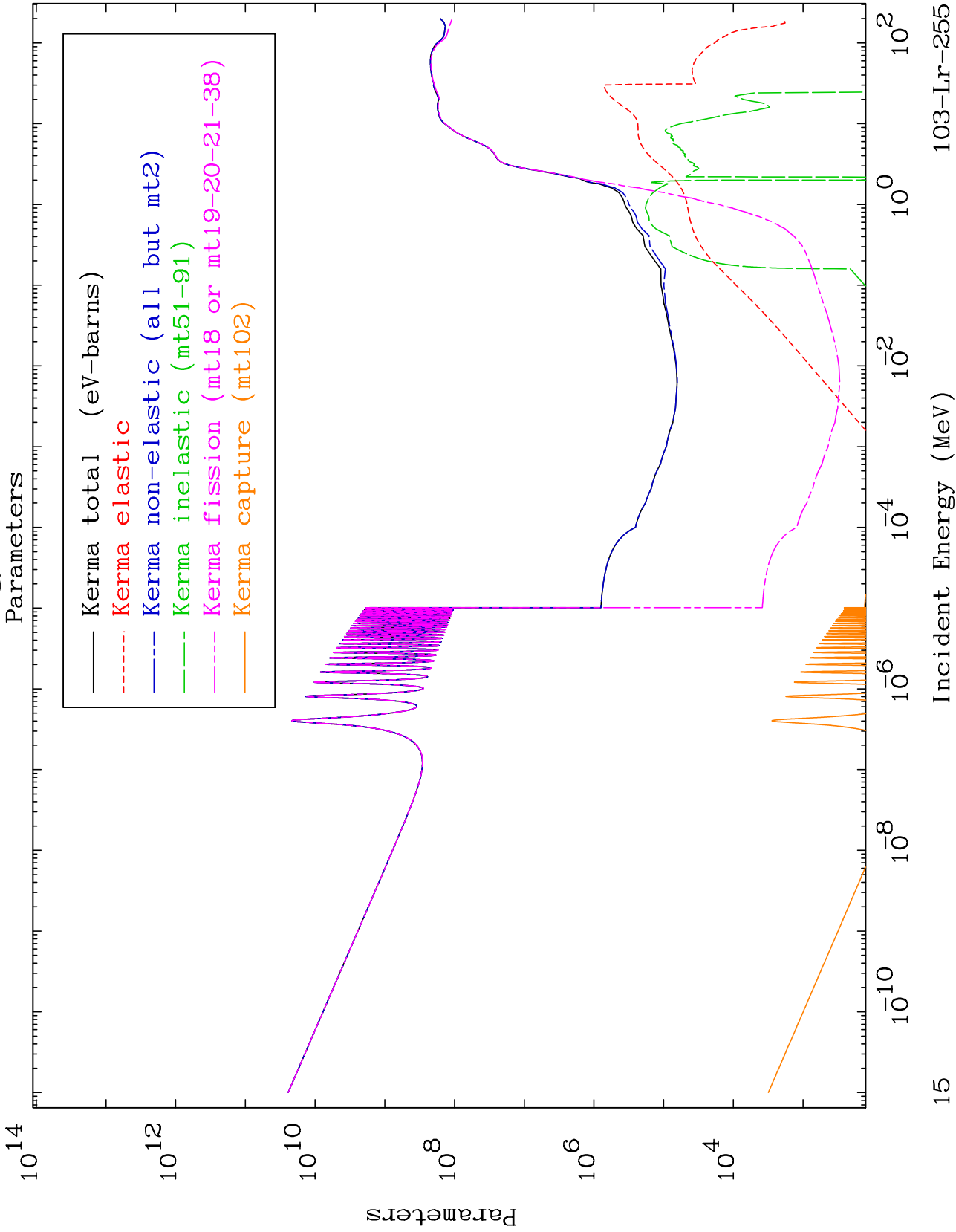


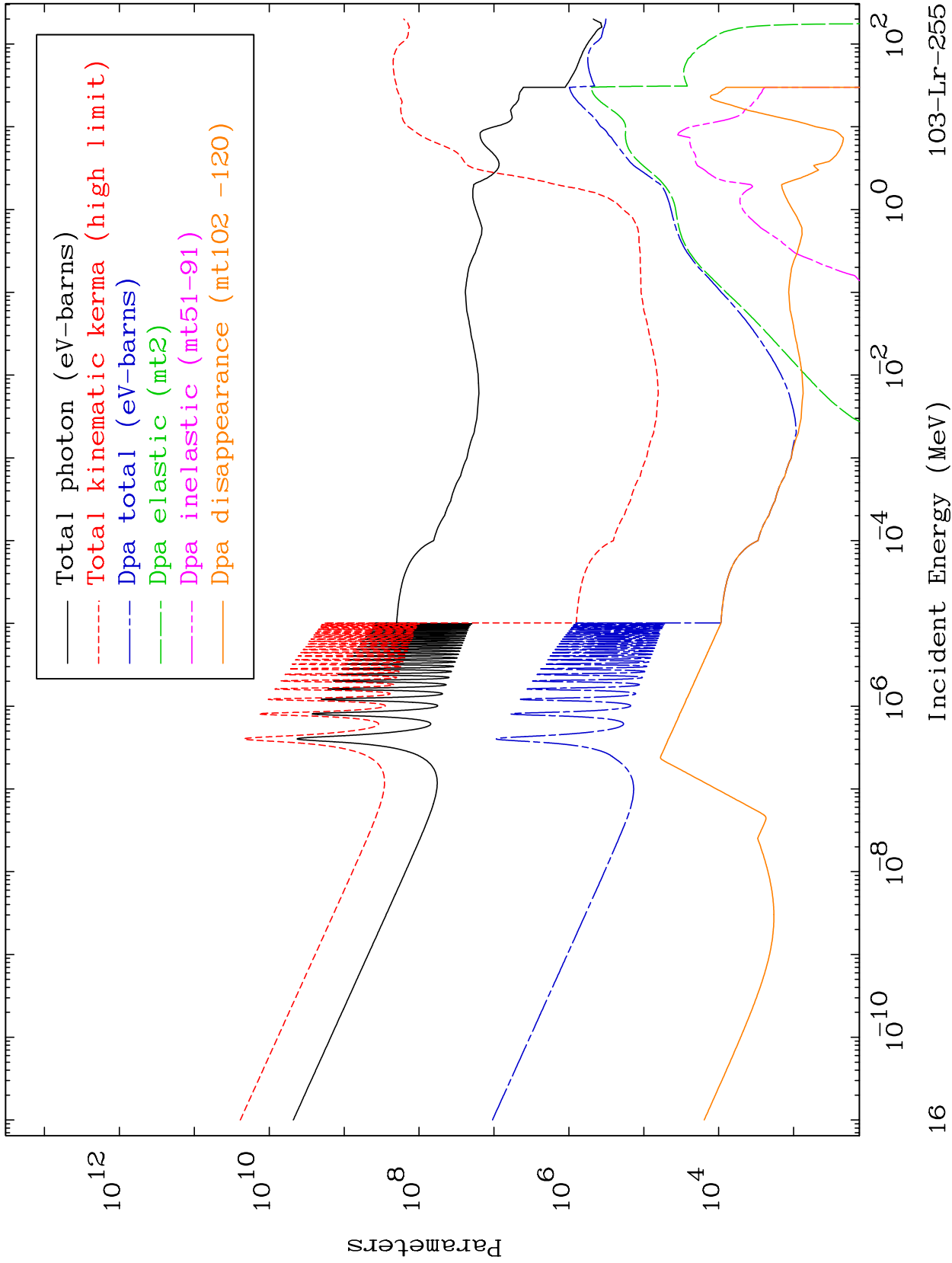
MAT 9989

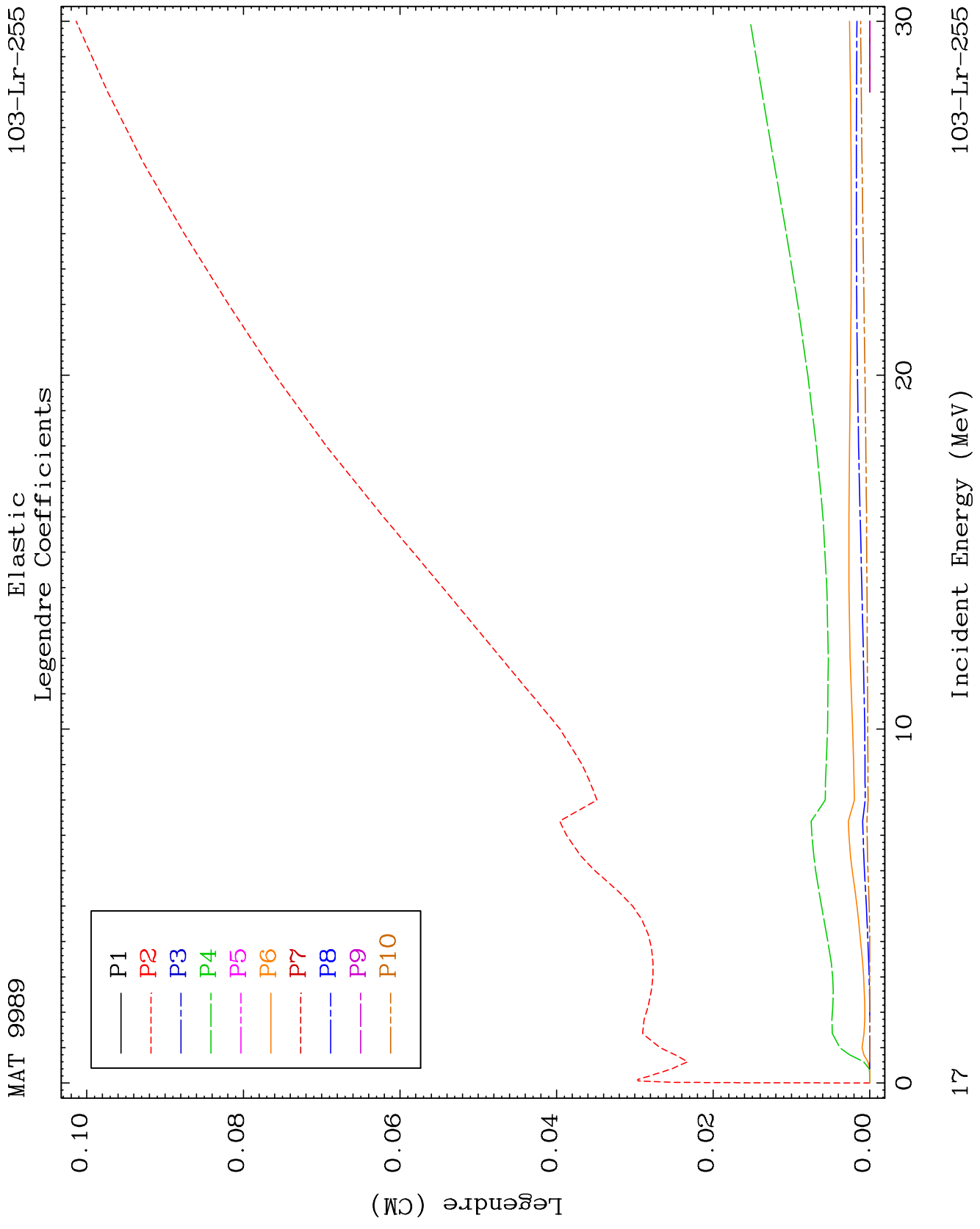
(n,α) Levels
293 Kelvin Cross Sections

103-Lr-255





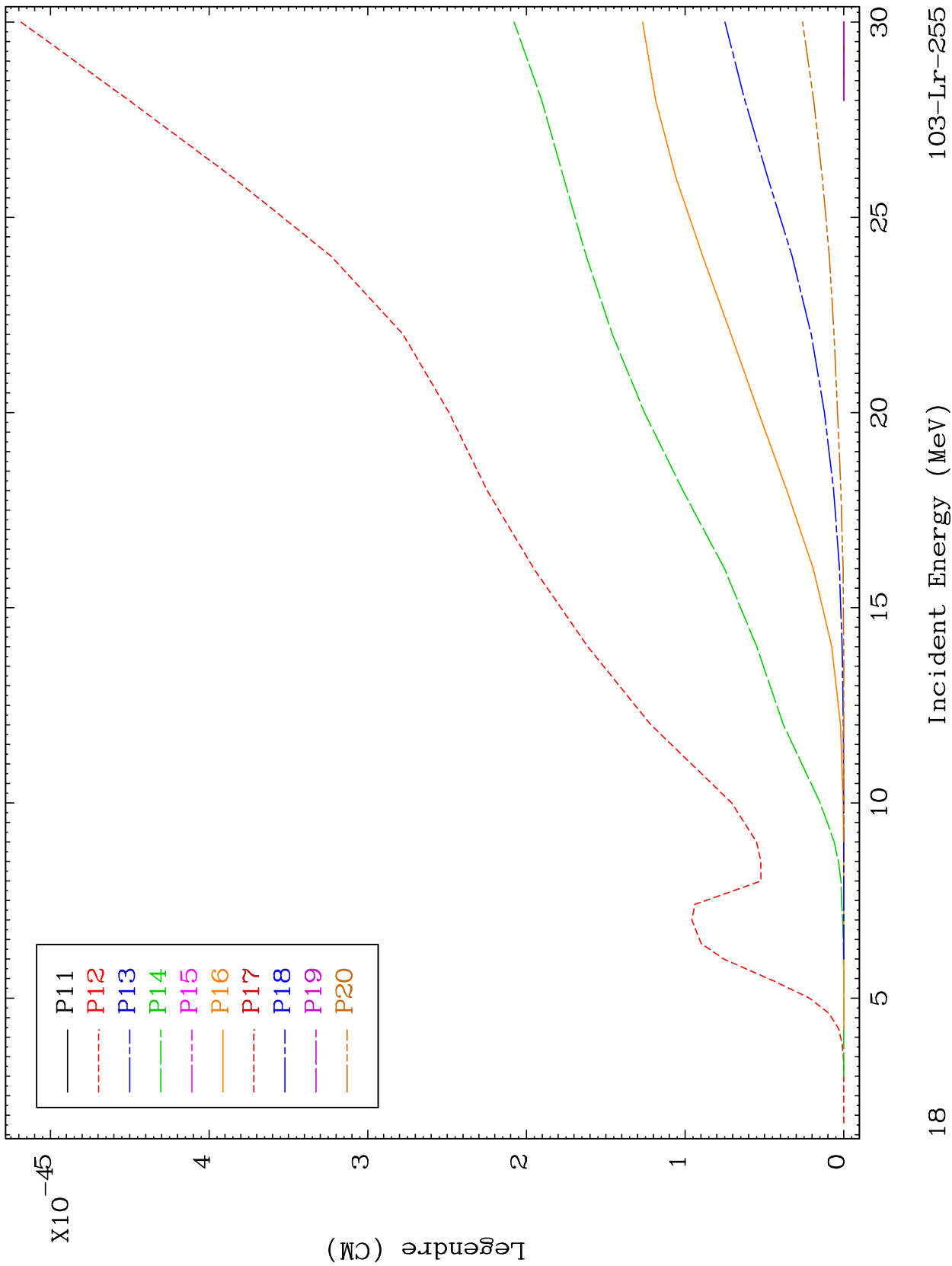




MAT 9989

Elastic Legendre Coefficients

103-Lr-255



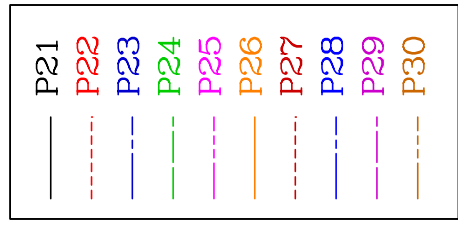
18

103-Lr-255

MAT 9989

Elastic Legendre Coefficients

103-Lr-255



$\times 10^{-6}$

Legendre (CM)

8

6

4

2

0

15

20

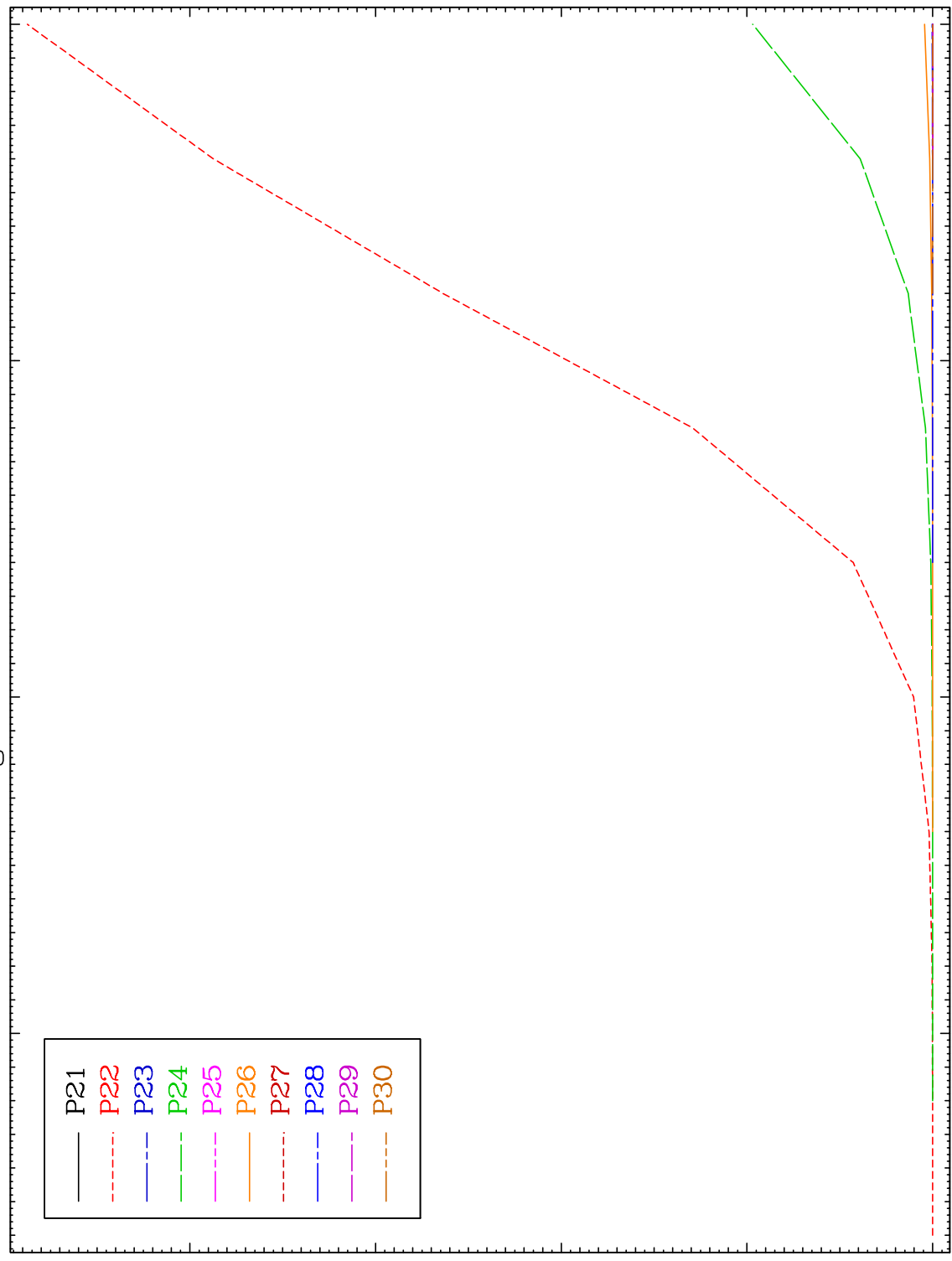
25

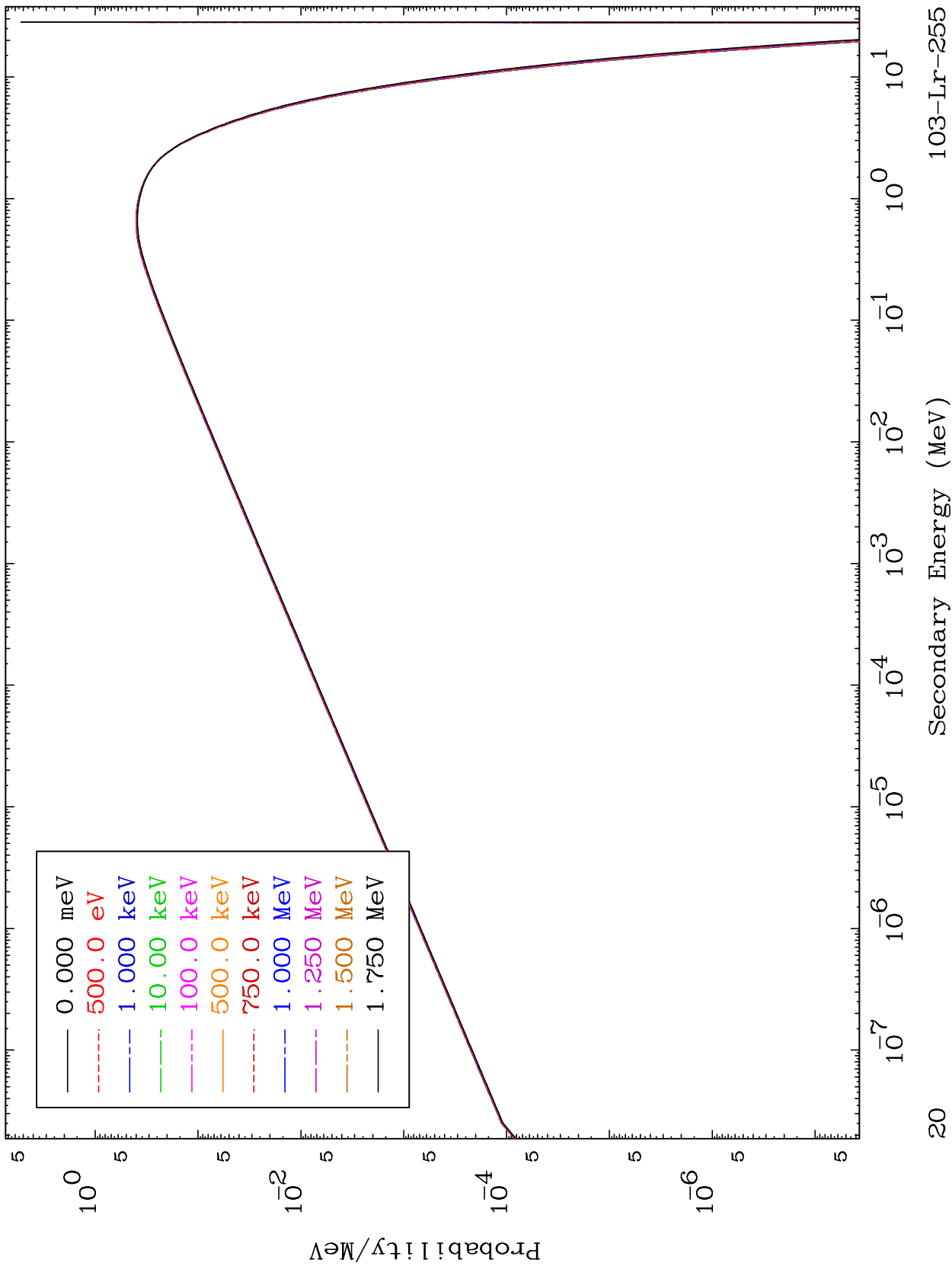
30

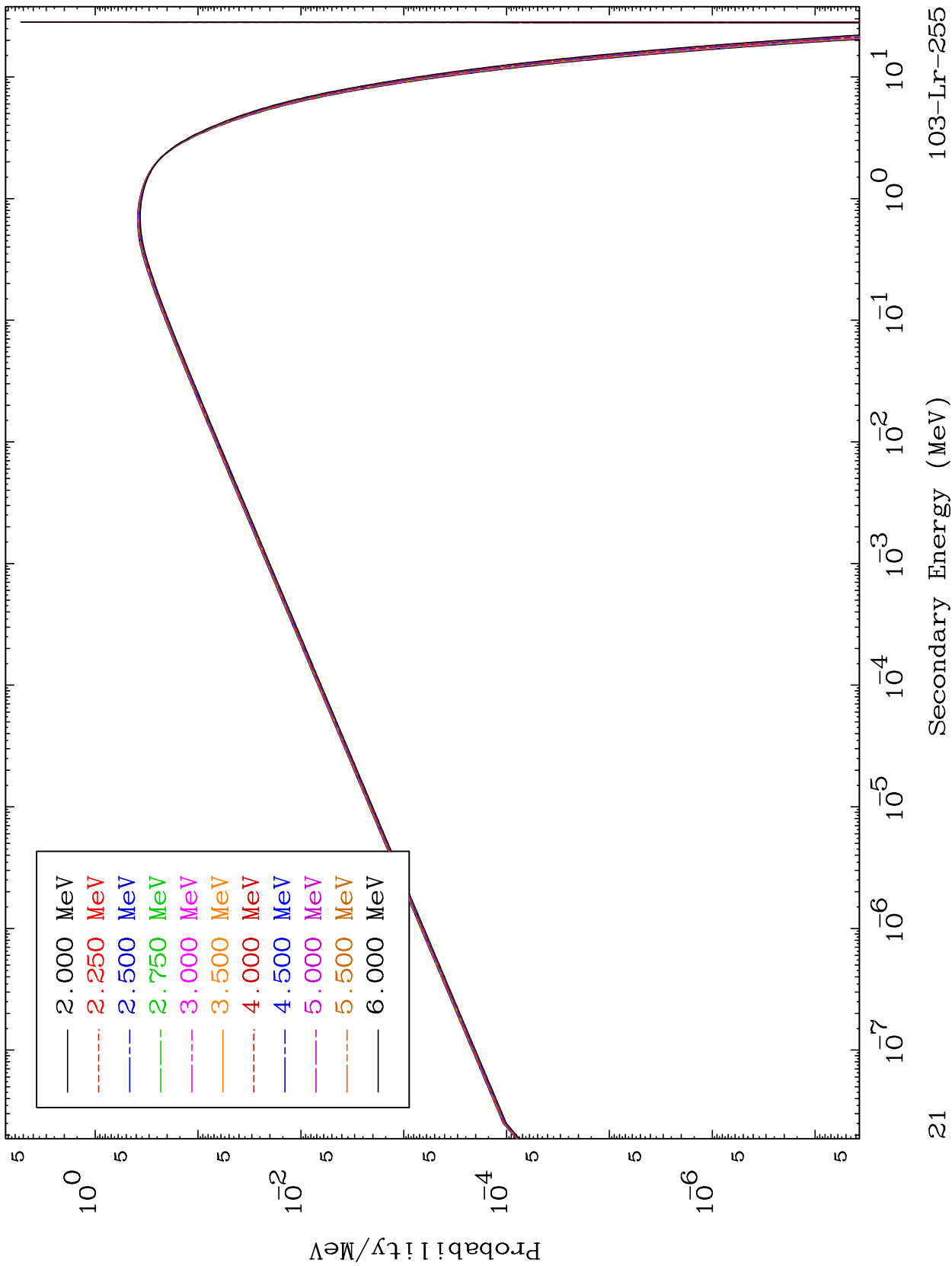
19

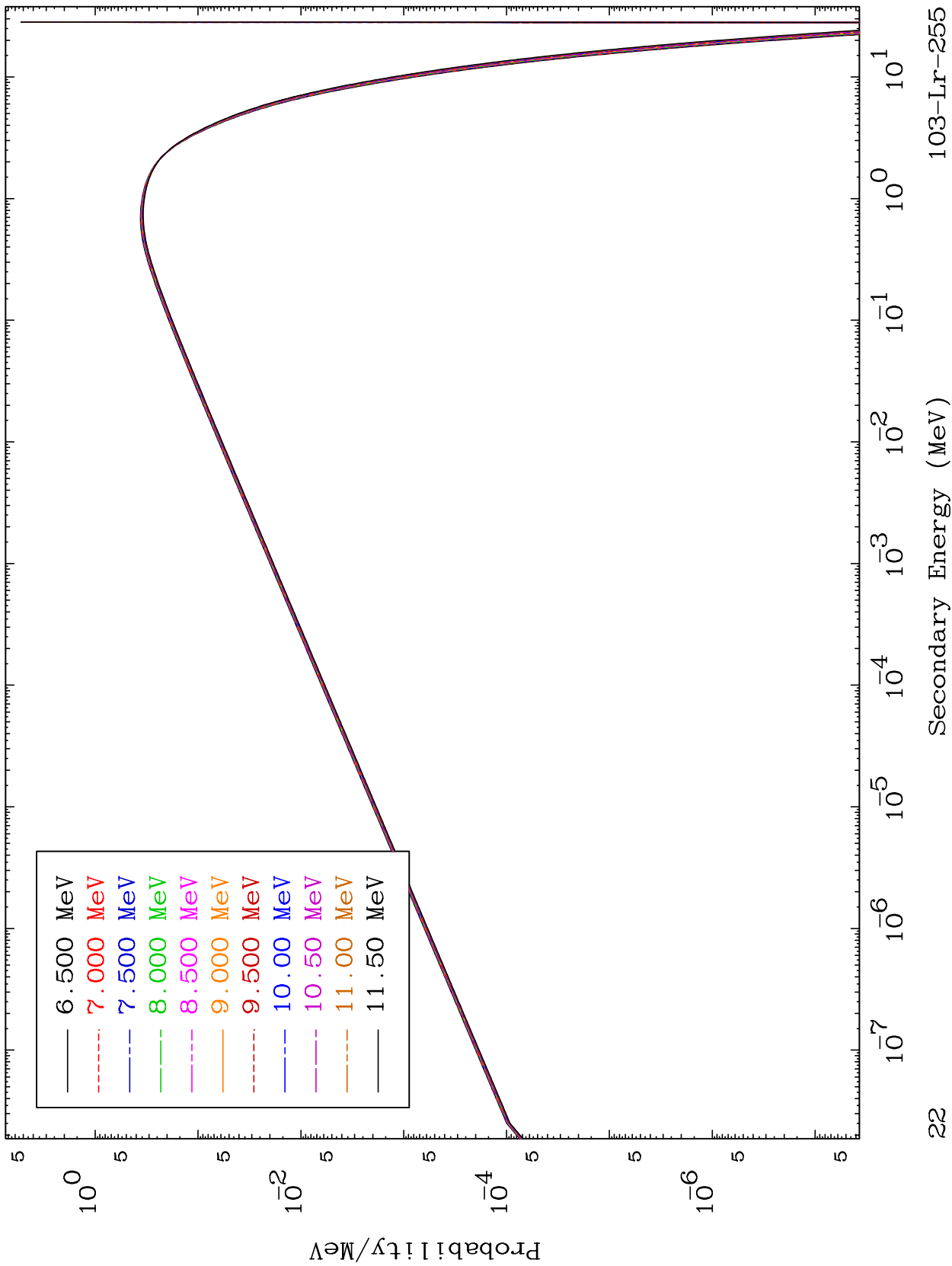
Incident Energy (MeV)

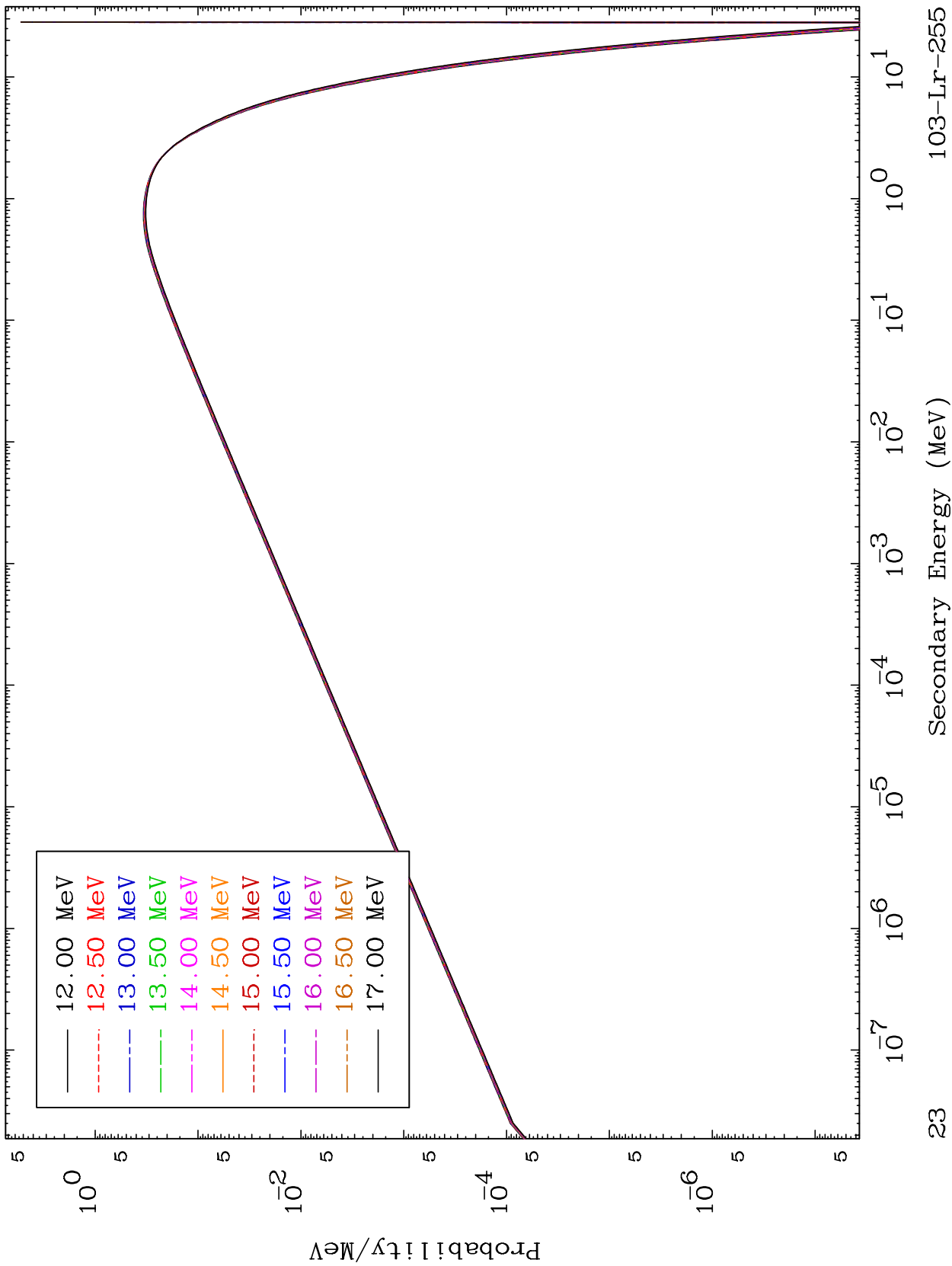
103-Lr-255

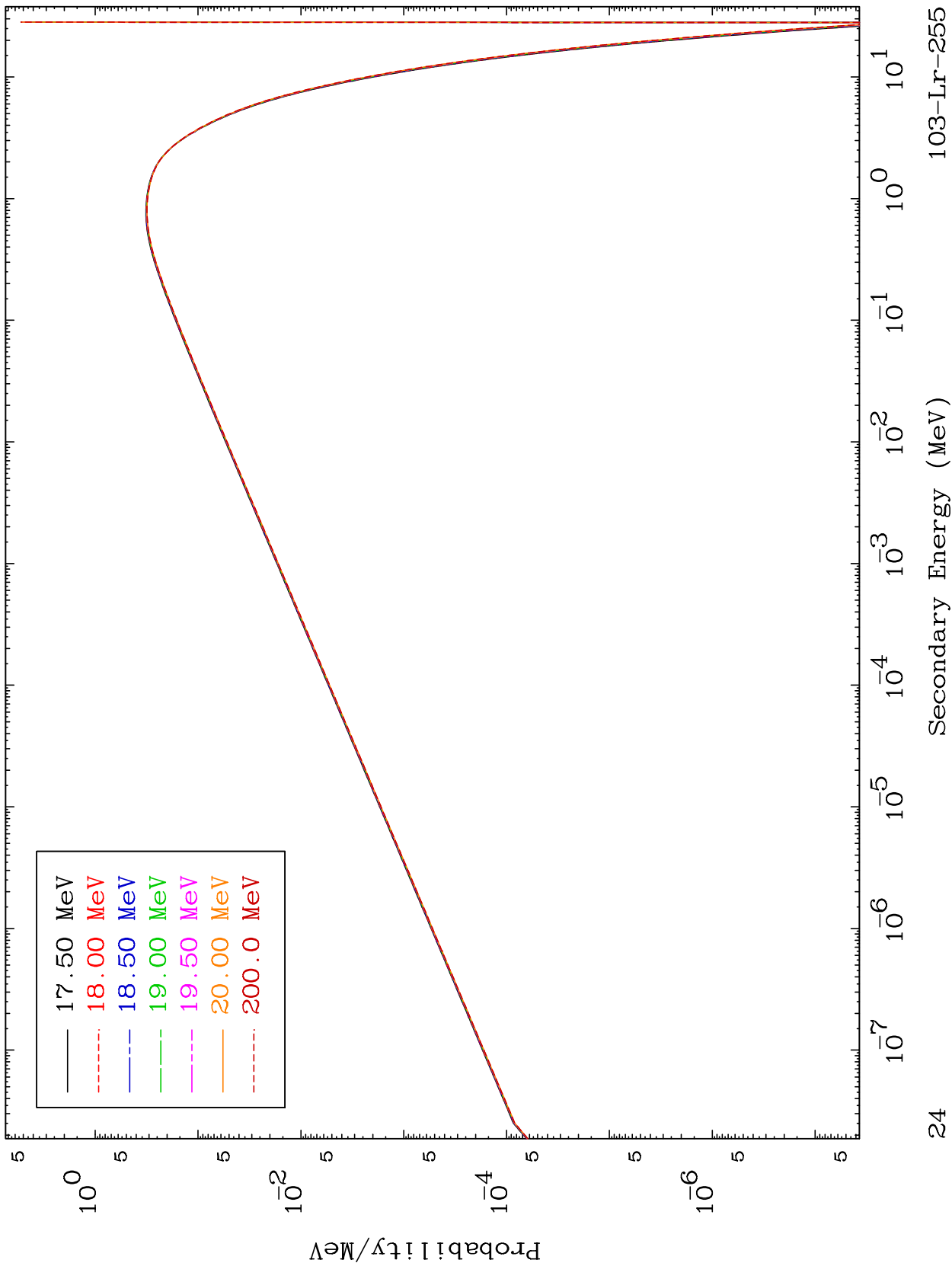








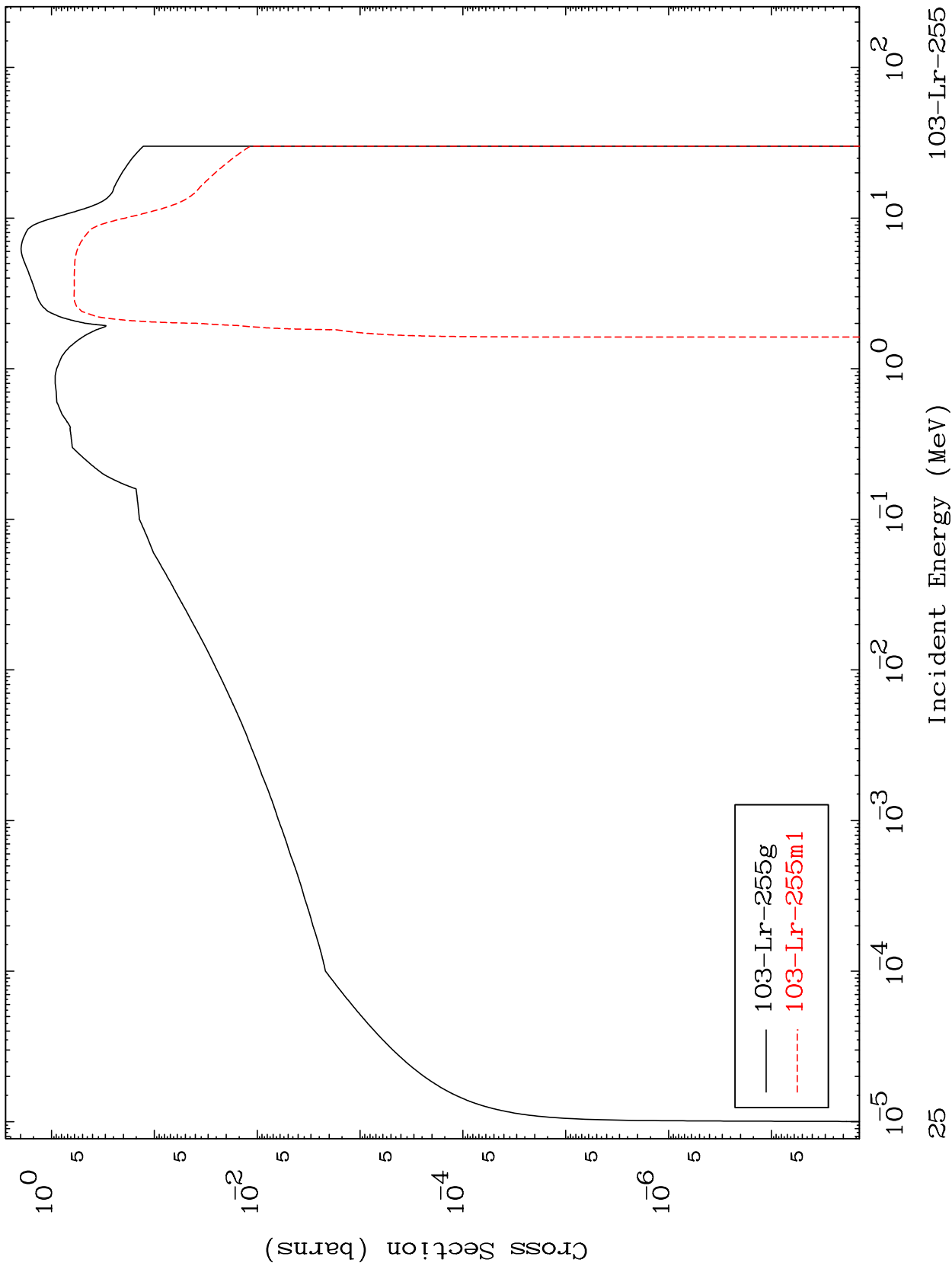




MAT 9989

103-Lr-255

Inelastic
Radionuclide Production Cross Section



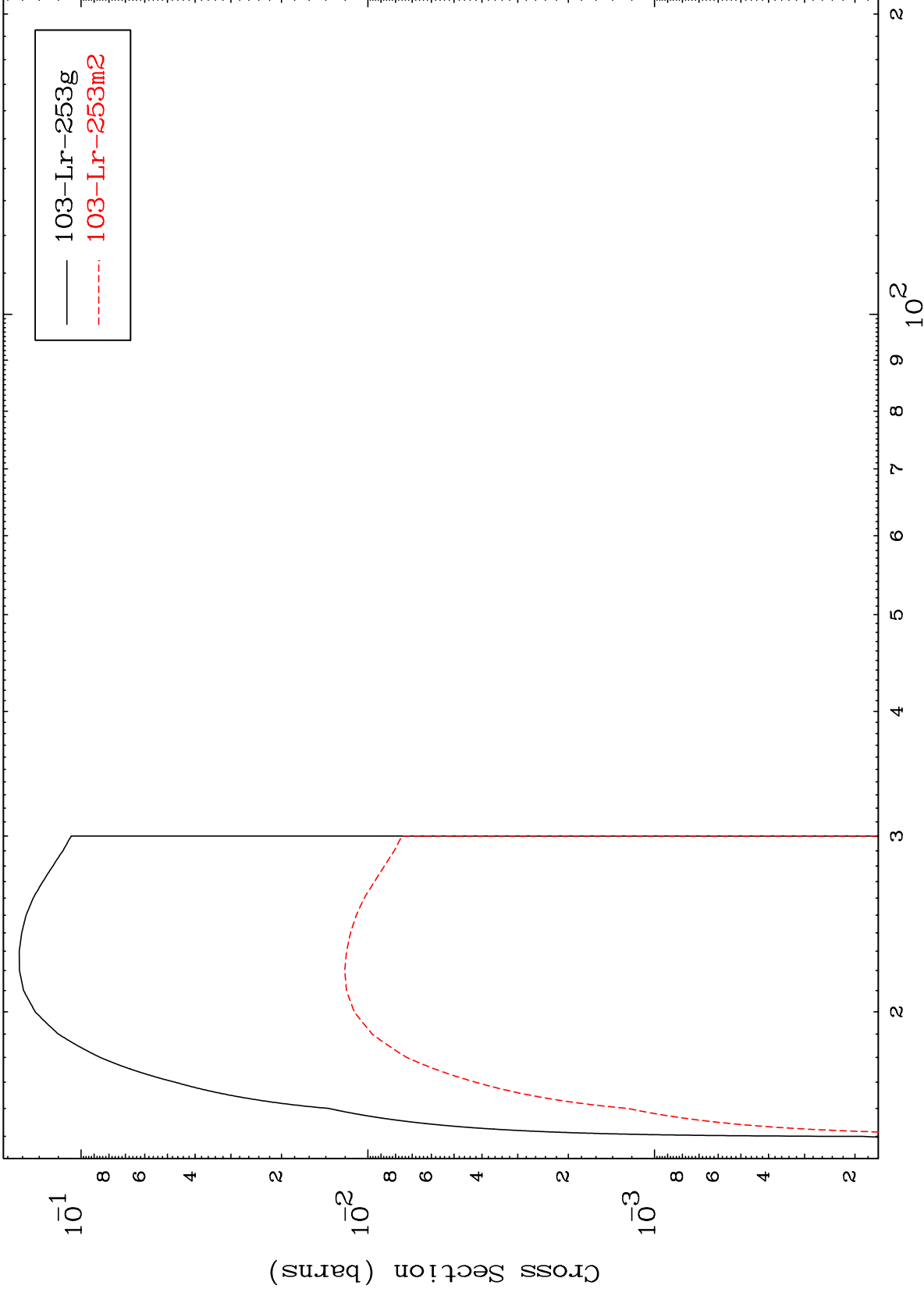
— 103-Lr-255g
- - - 103-Lr-255m1

103-Lr-255

Incident Energy (MeV)

25

Radionuclide Production Cross Section

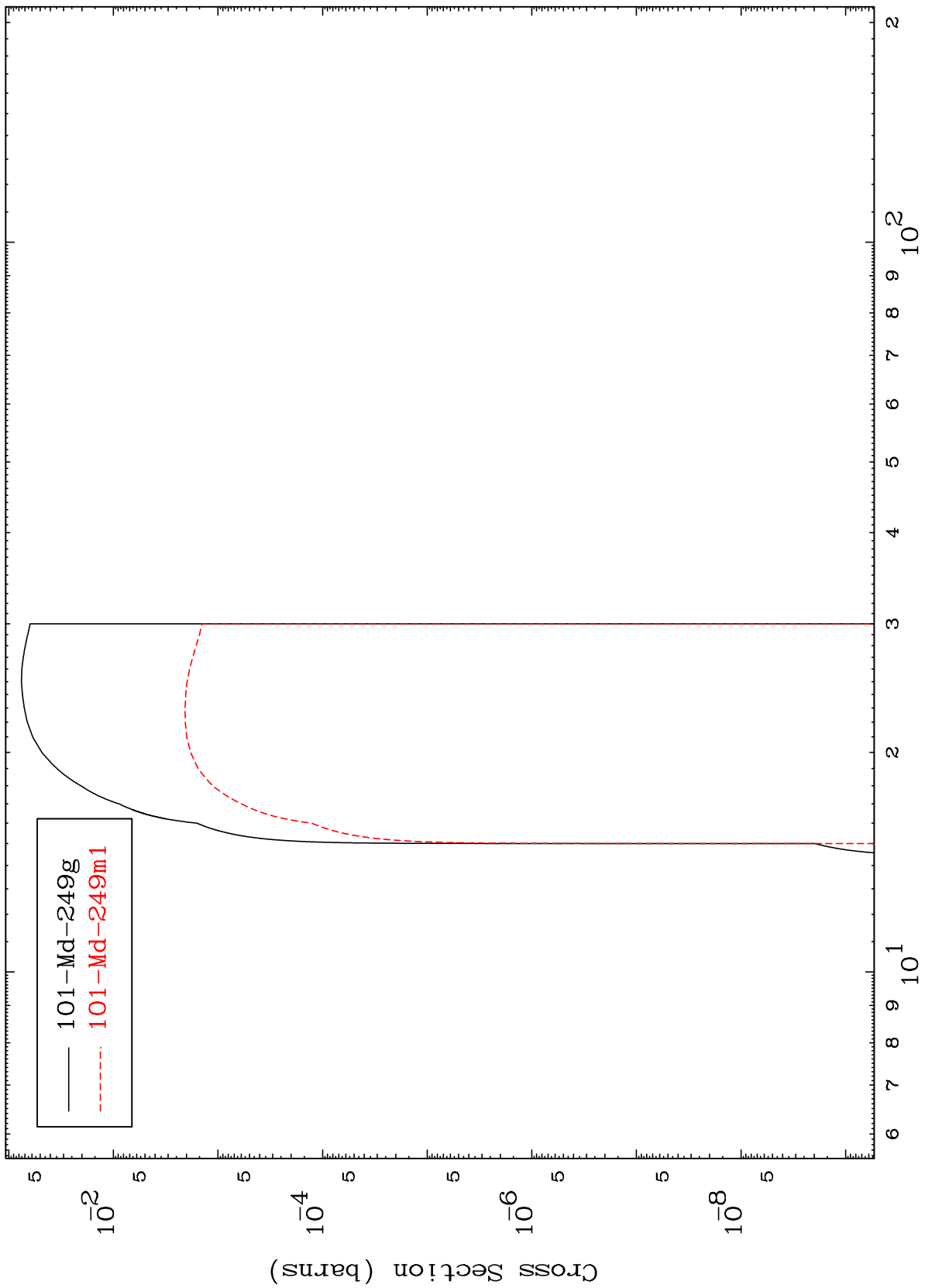


MAT 9989

(n,3n) α

103-Lr-255

Radionuclide Production Cross Section



— 101-Md-249g
- - - 101-Md-249m1

27

Incident Energy (MeV)

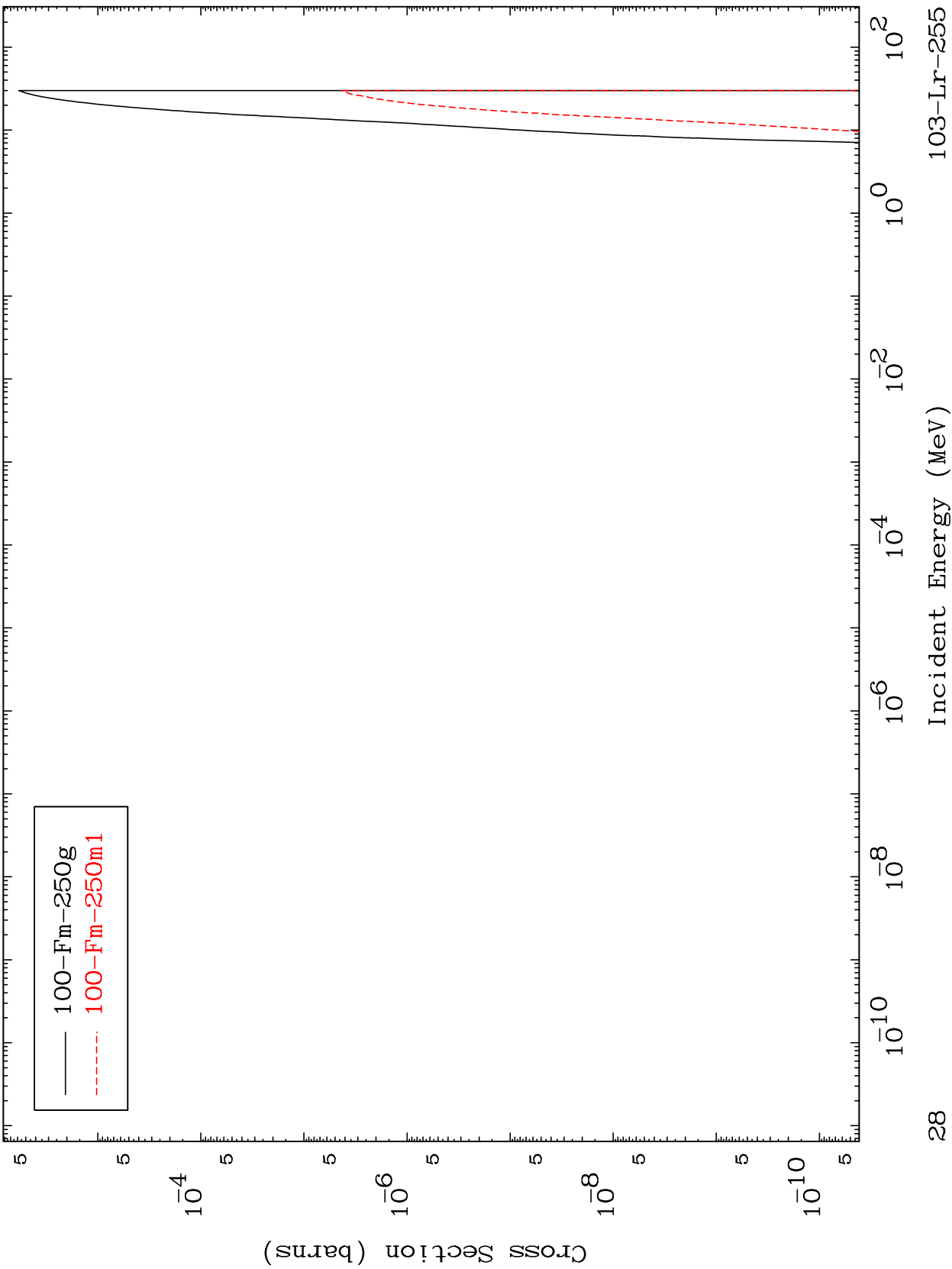
103-Lr-255

MAT 9989

(n,n') p α

103-Lr-255

Radionuclide Production Cross Section

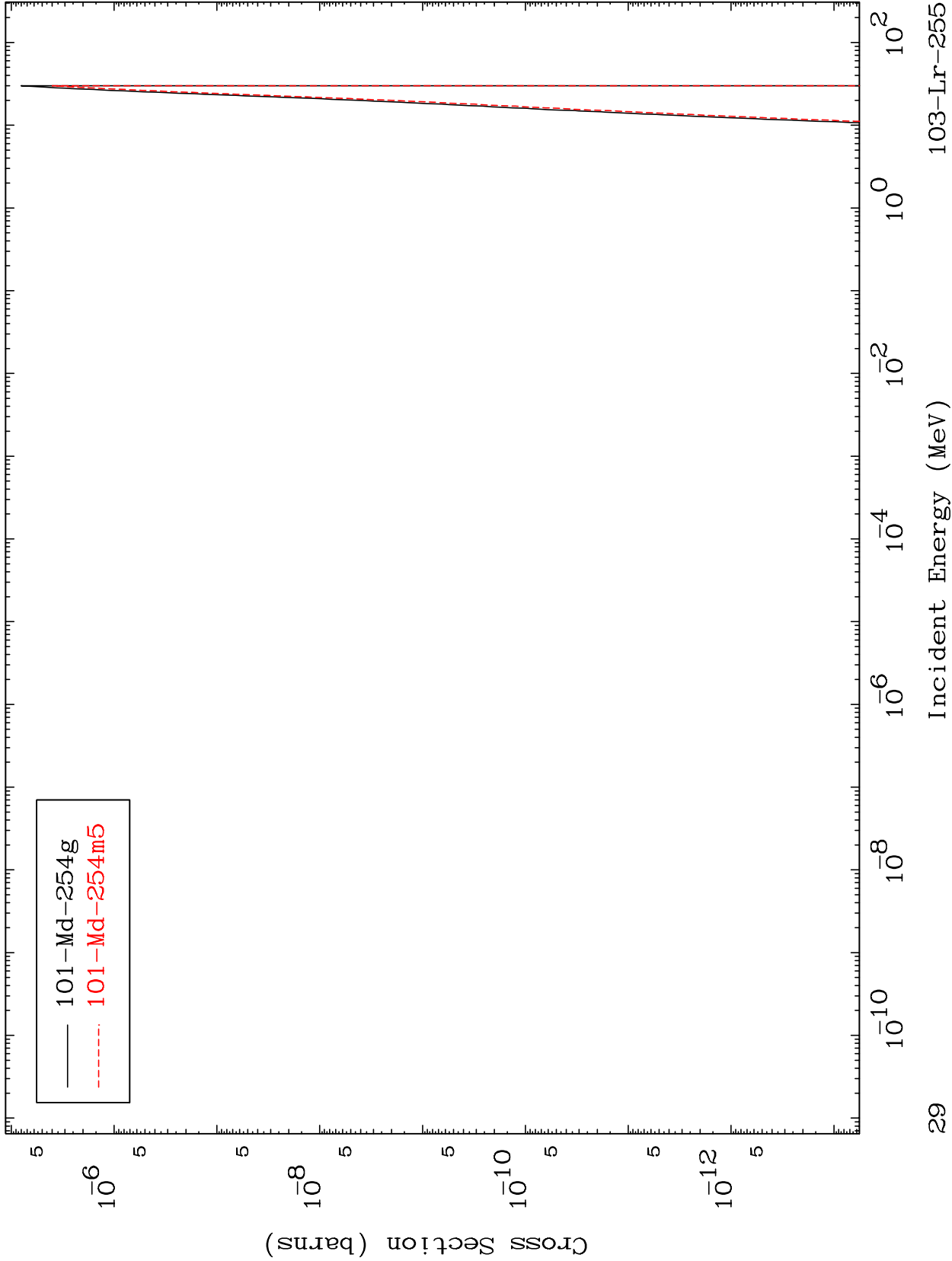


MAT 9989

(n,2p)

103-Lr-255

Radionuclide Production Cross Section



MAT 9989

(n,d) α

103-Lr-255

Radionuclide Production Cross Section

