

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

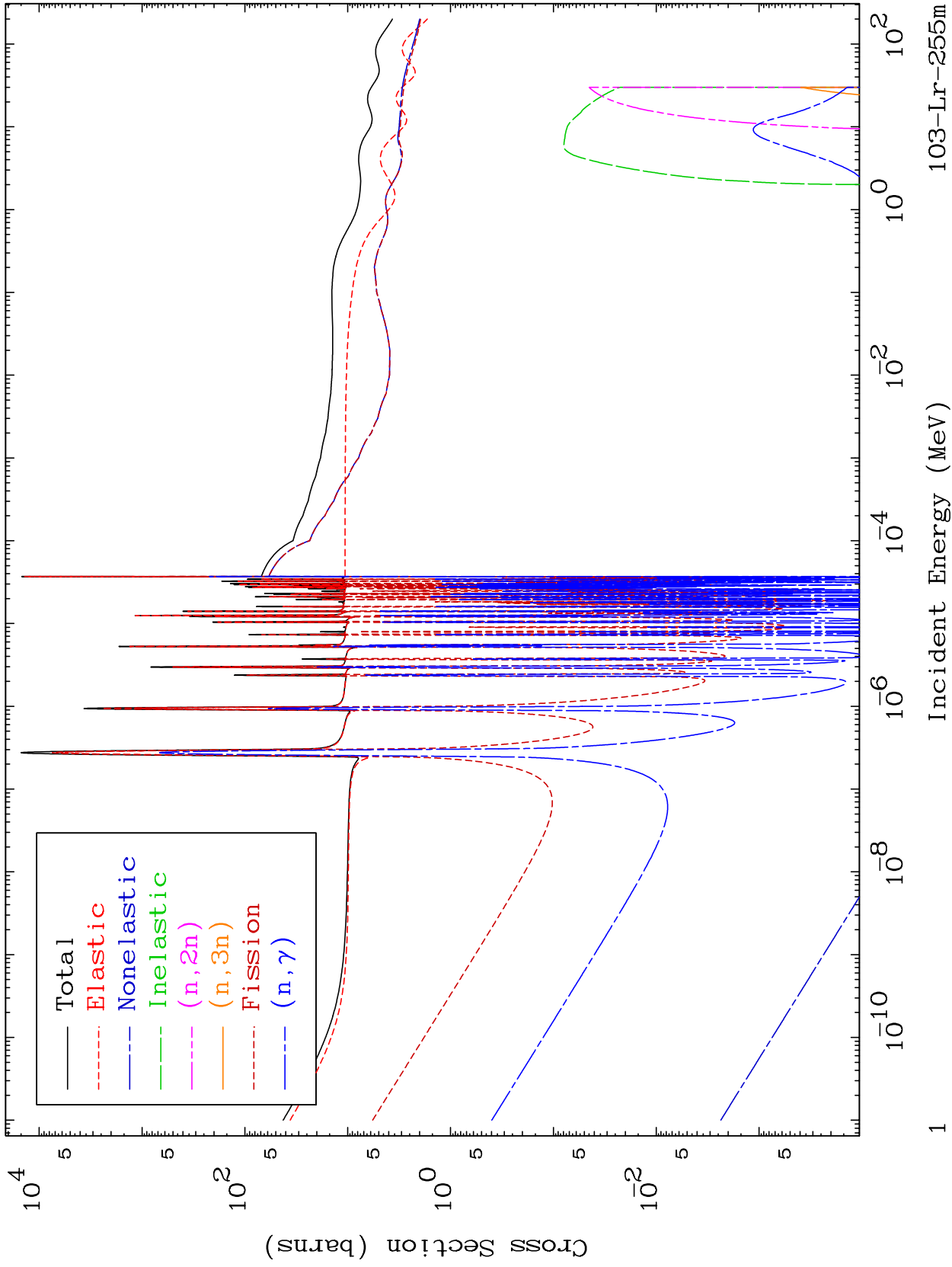
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9989

Neutron Major
293 Kelvin Cross Sections

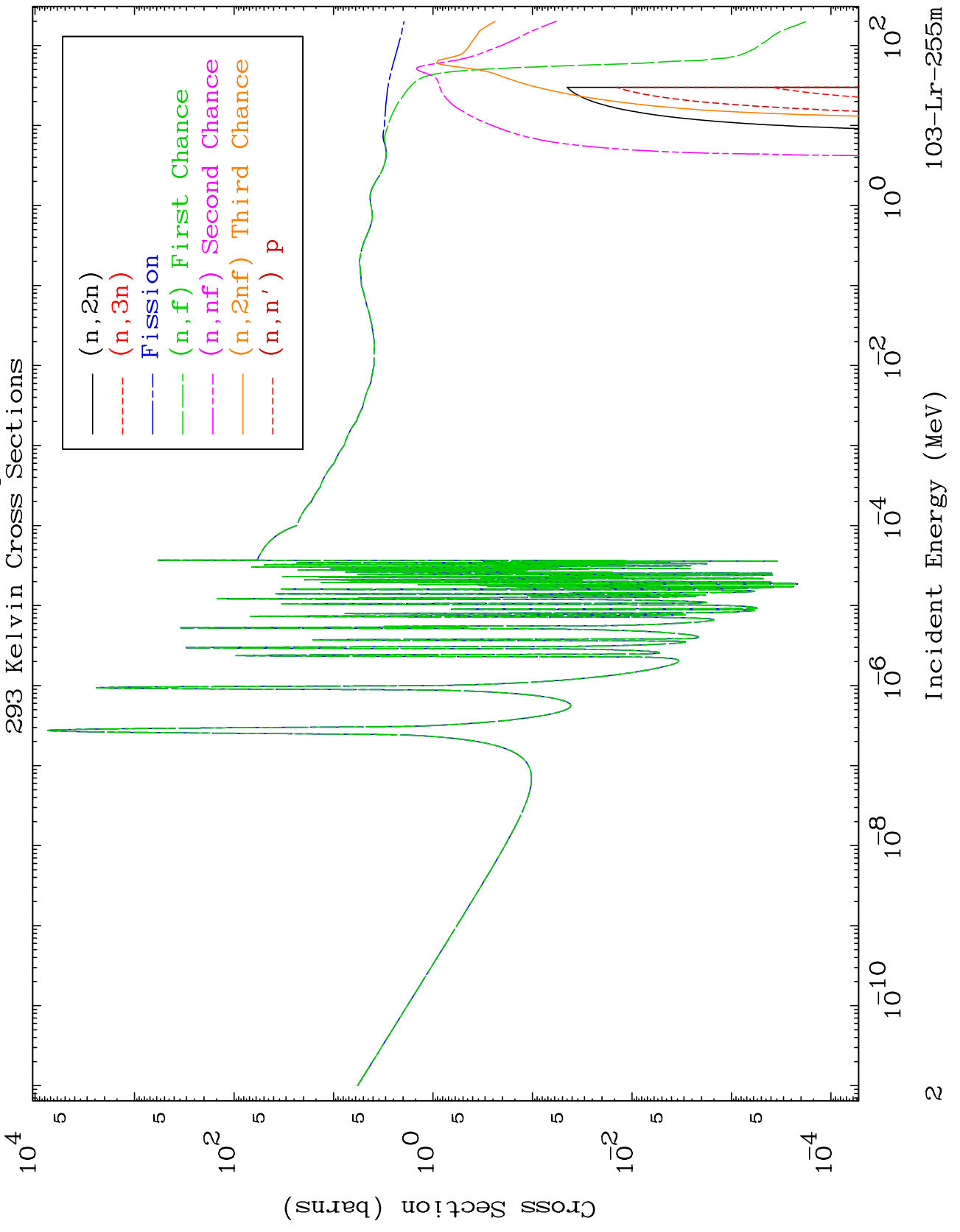
103-Lr-255m

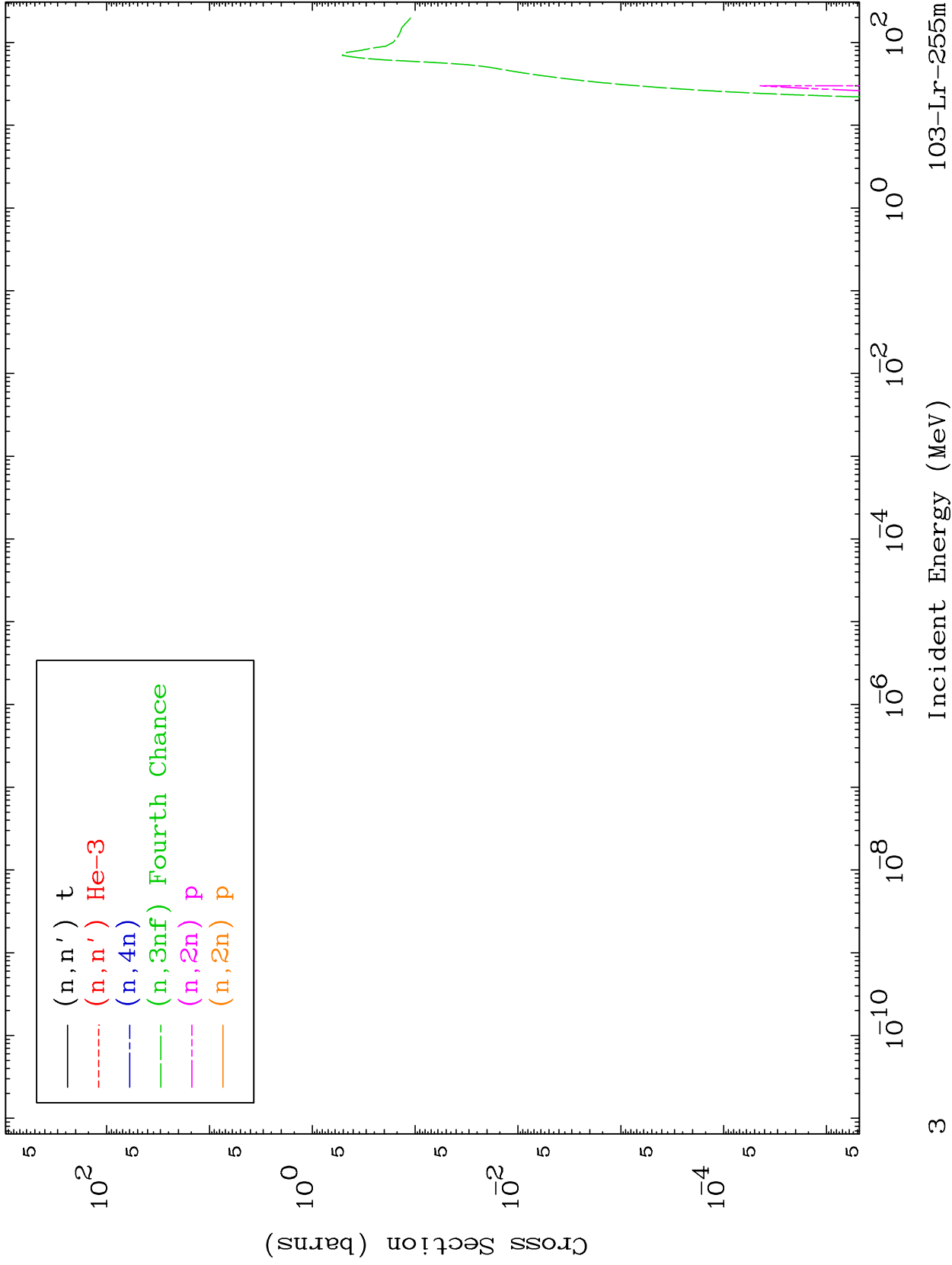


MAT 9989

Neutron Absorption
293 Kelvin Cross Sections

103-Lr-255m

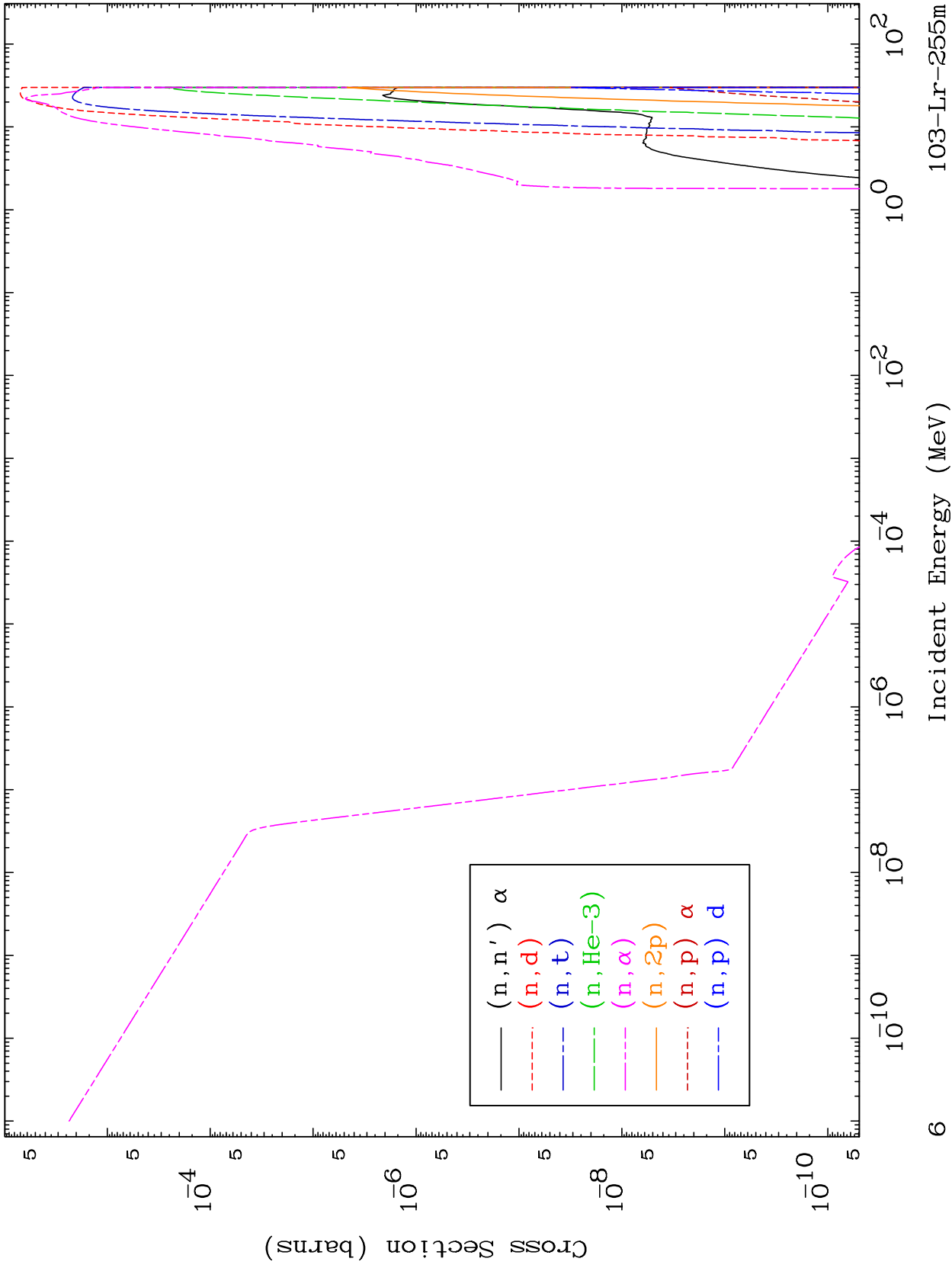




MAT 9989

Charged Particle
293 Kelvin Cross Sections

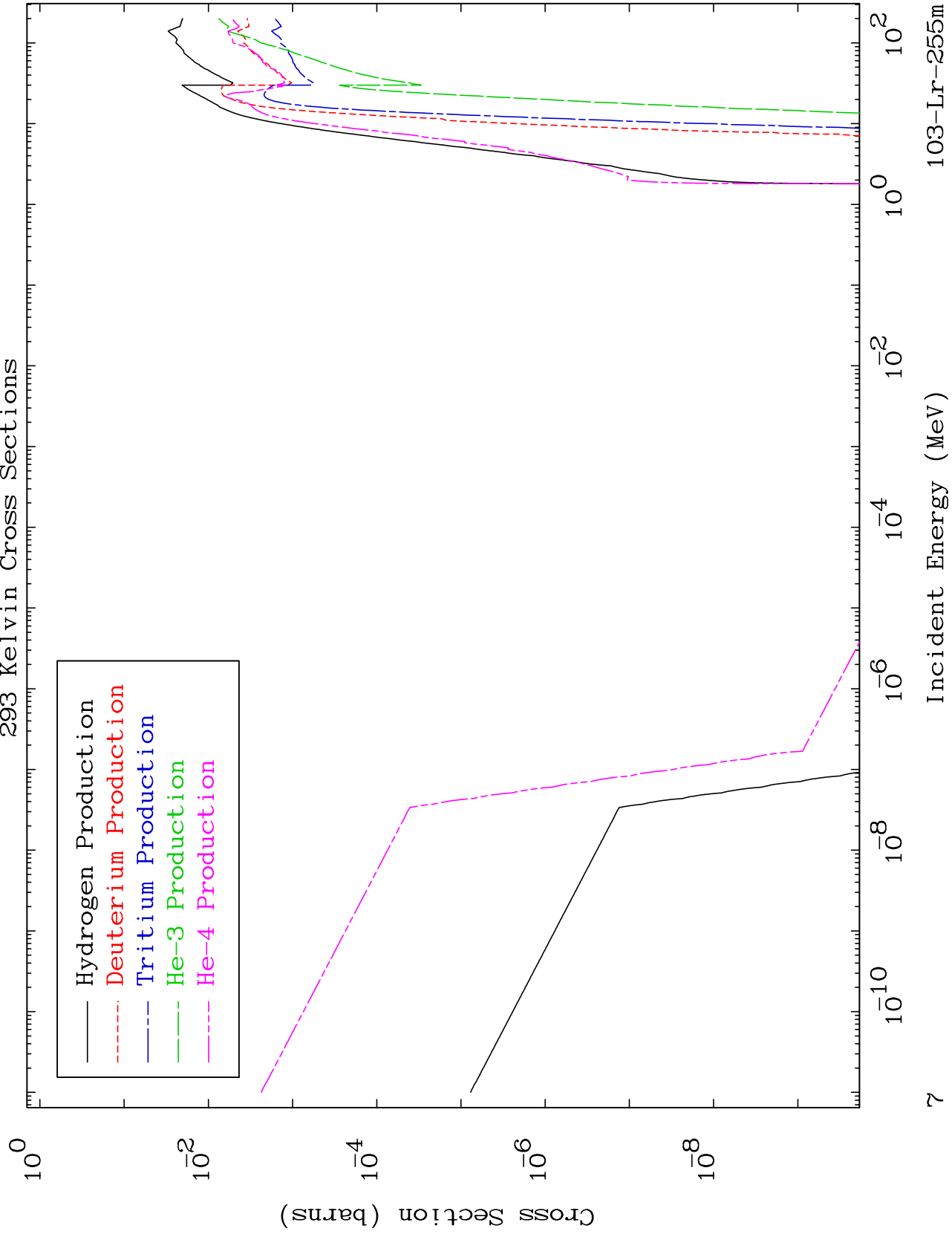
103-Lr-255m



MAT 9989

Particle Production
293 Kelvin Cross Sections

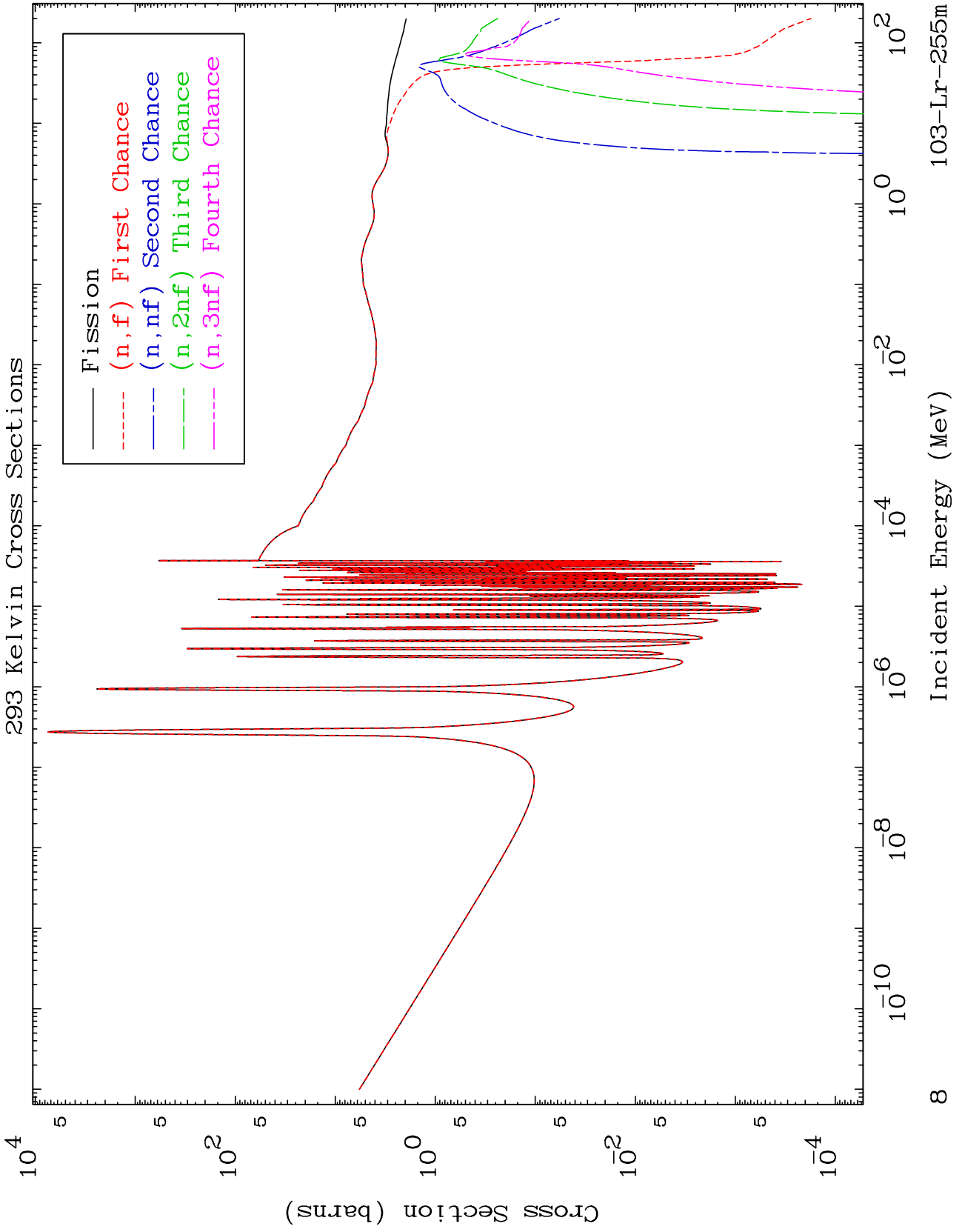
103-Lr-255m



MAT 9989

Fission
293 Kelvin Cross Sections

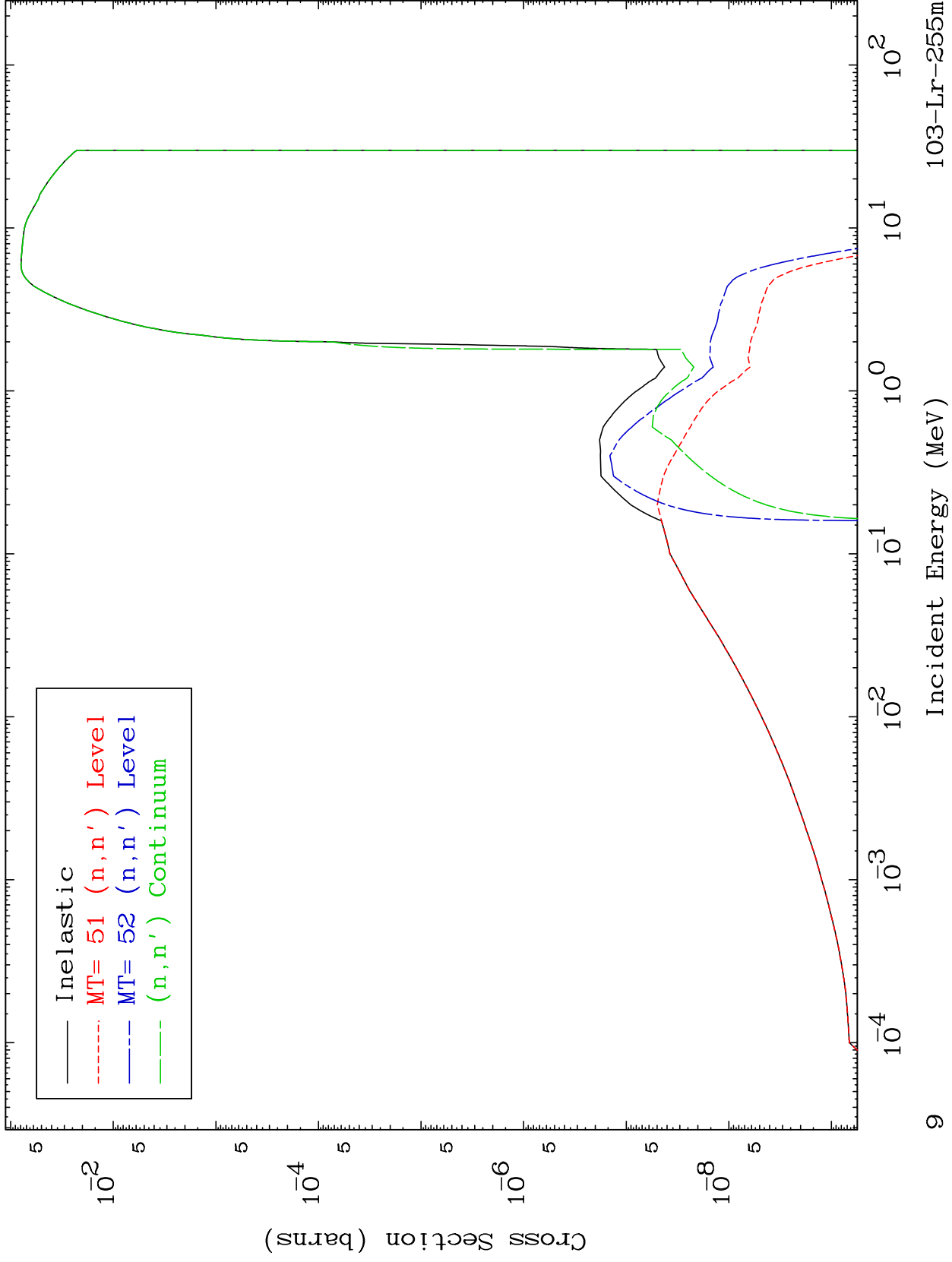
103-Lr-255m



MAT 9989

(n,n') Levels
293 Kelvin Cross Sections

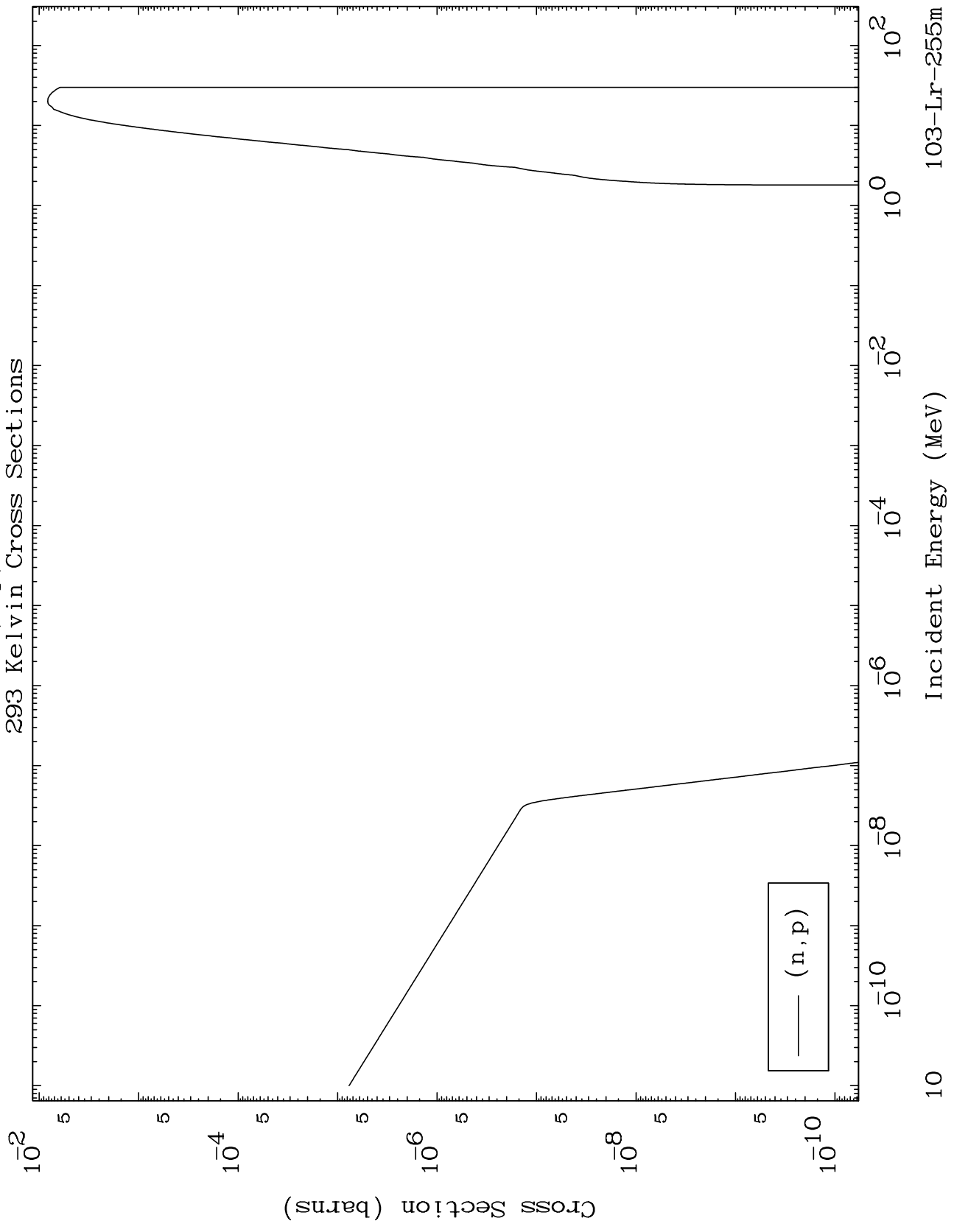
103-Lr-255m



MAT 9989

(n,p) Levels
293 Kelvin Cross Sections

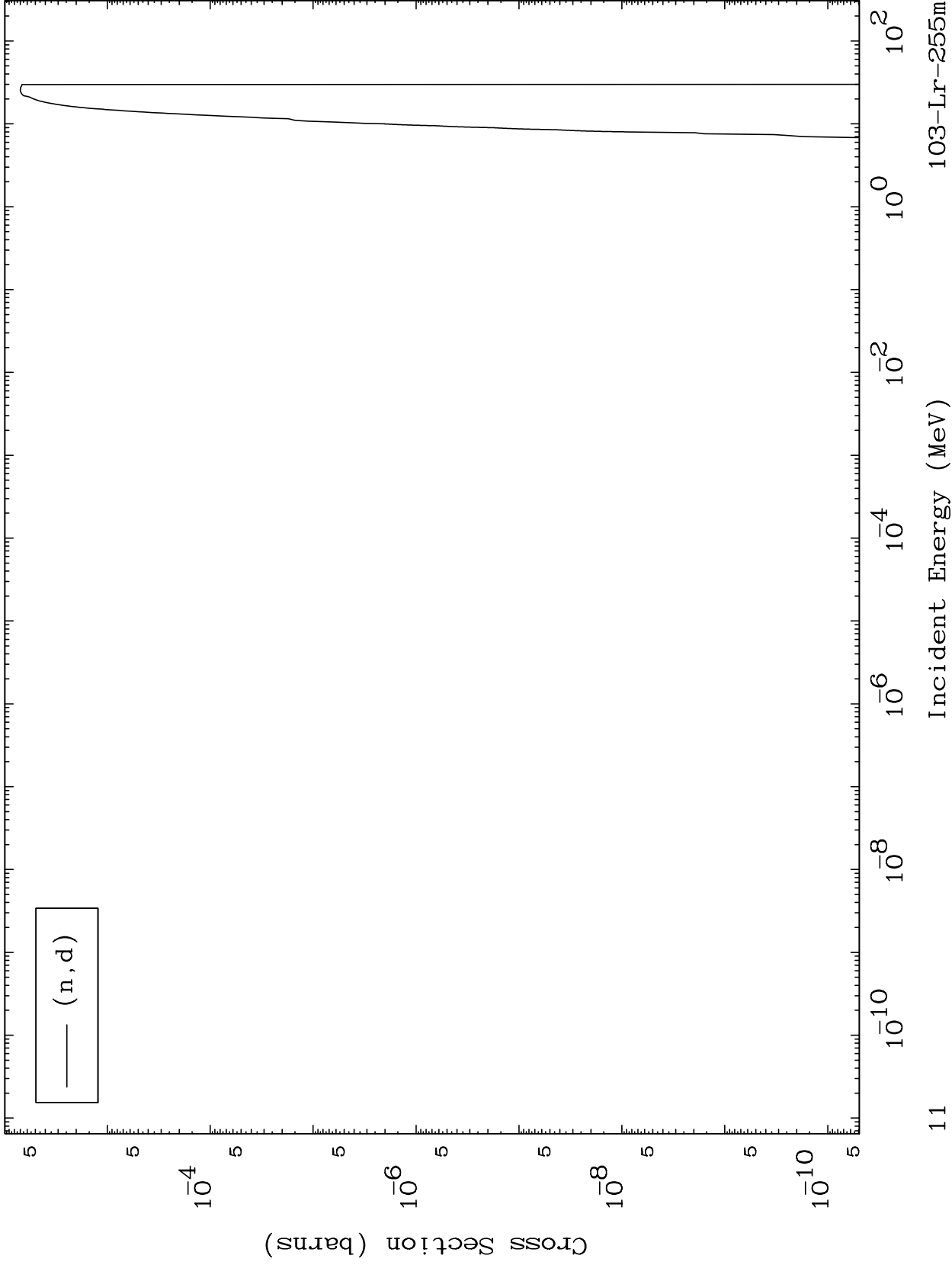
103-Lr-255m



MAT 9989

(n,d) Levels
293 Kelvin Cross Sections

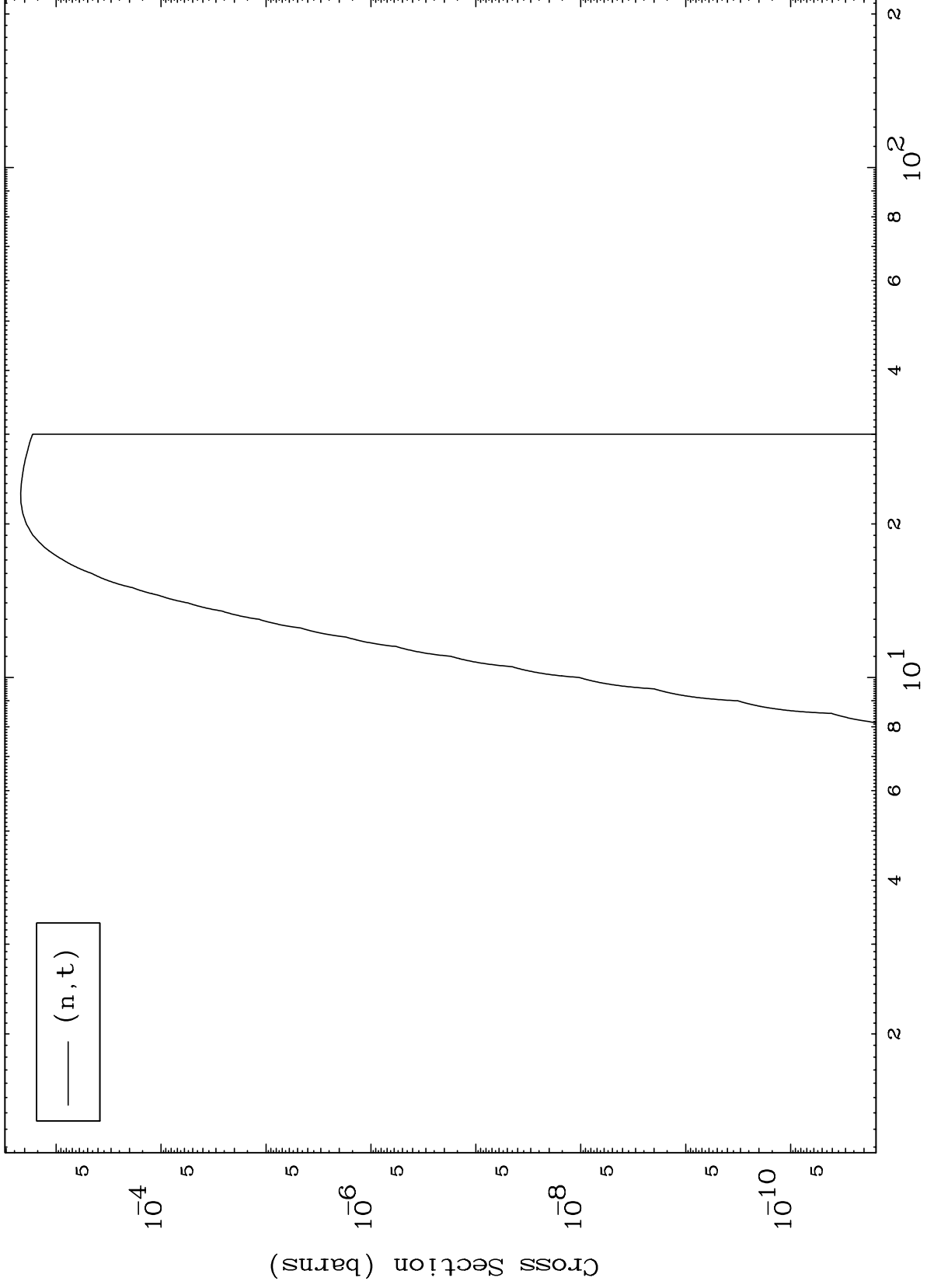
103-Lr-255m



MAT 9989

(n,t) Levels
293 Kelvin Cross Sections

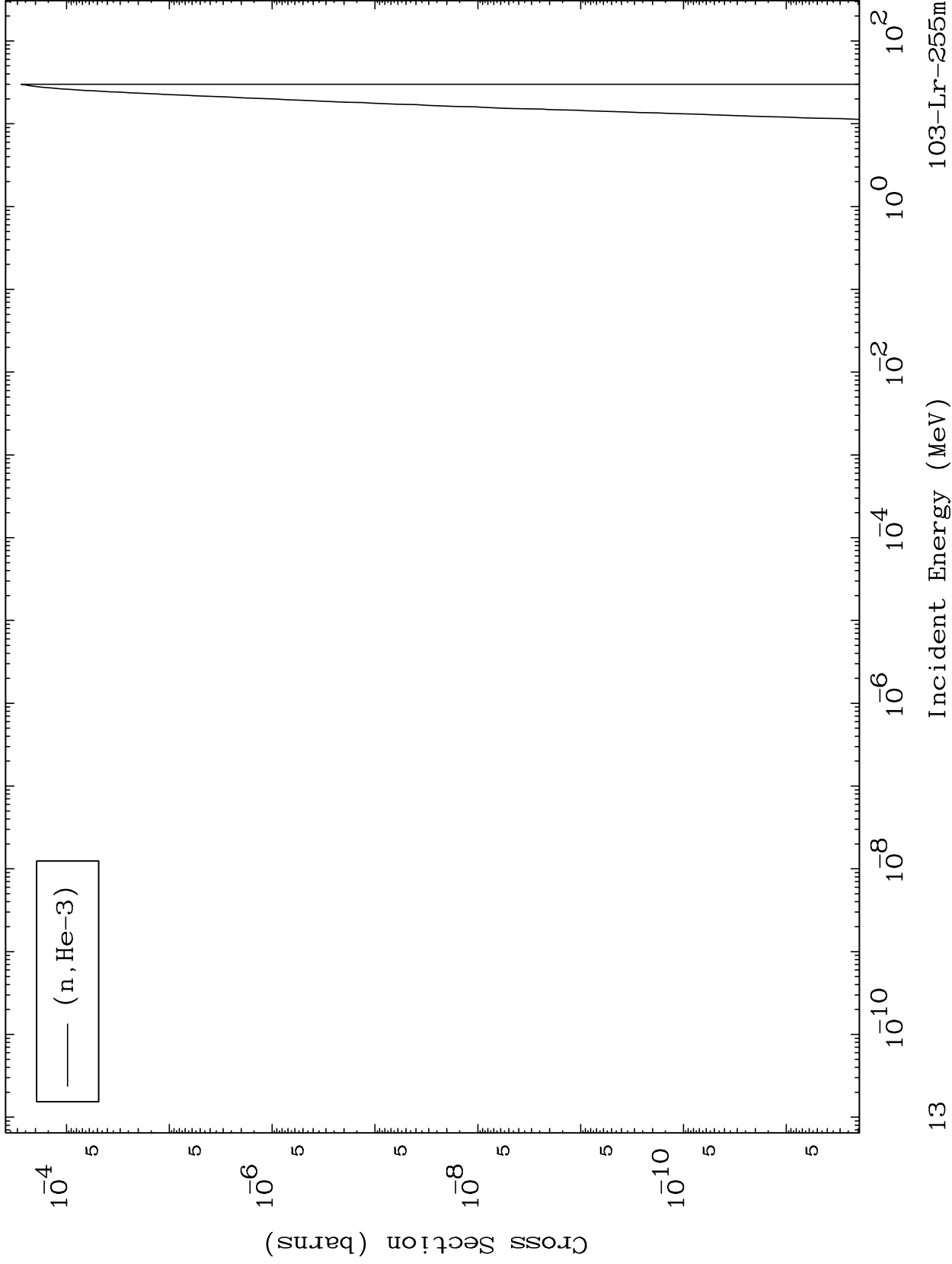
103-Lr-255m



MAT 9989

(n,He3) Levels
293 Kelvin Cross Sections

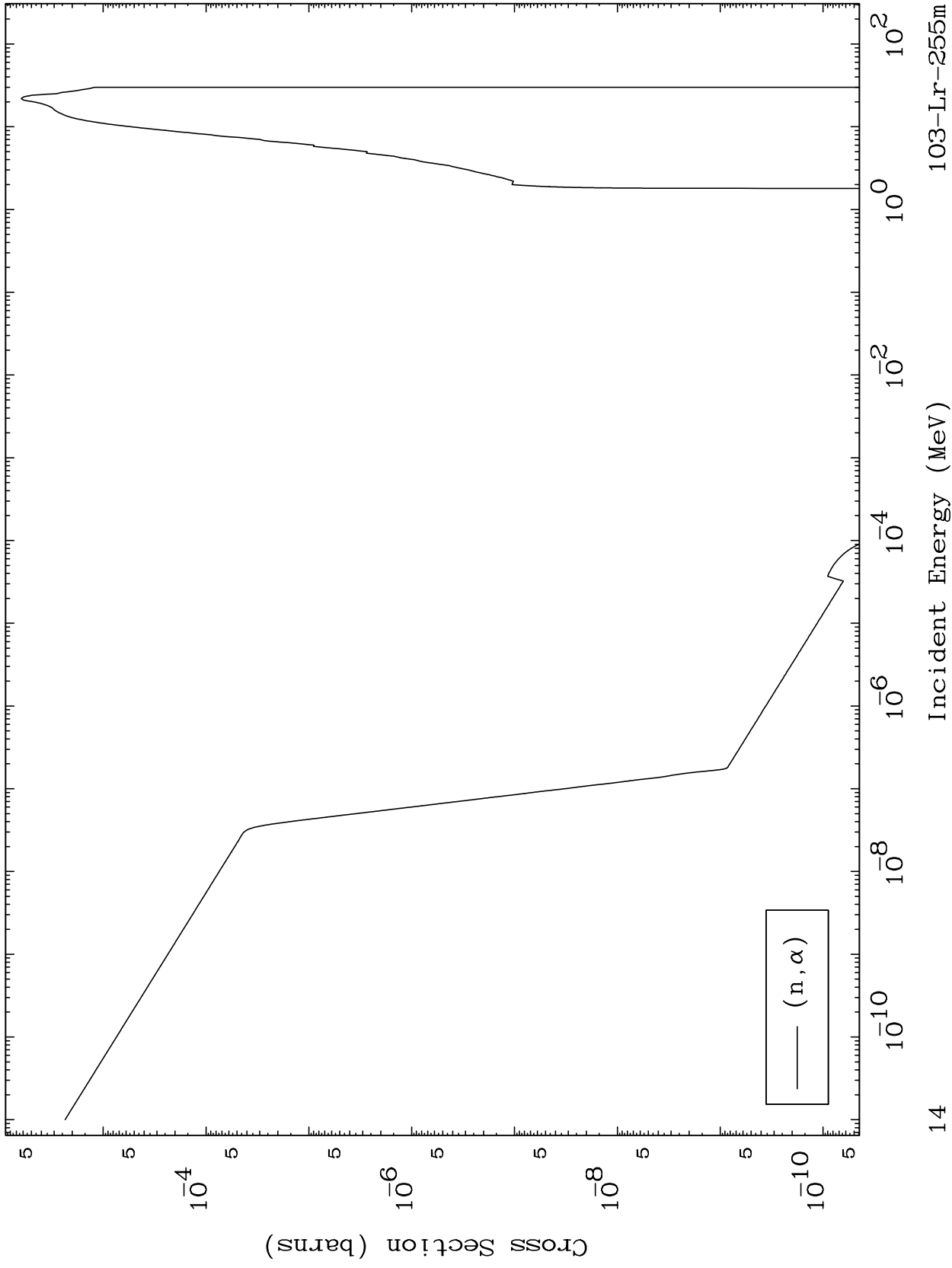
103-Lr-255m



MAT 9989

(n, α) Levels
293 Kelvin Cross Sections

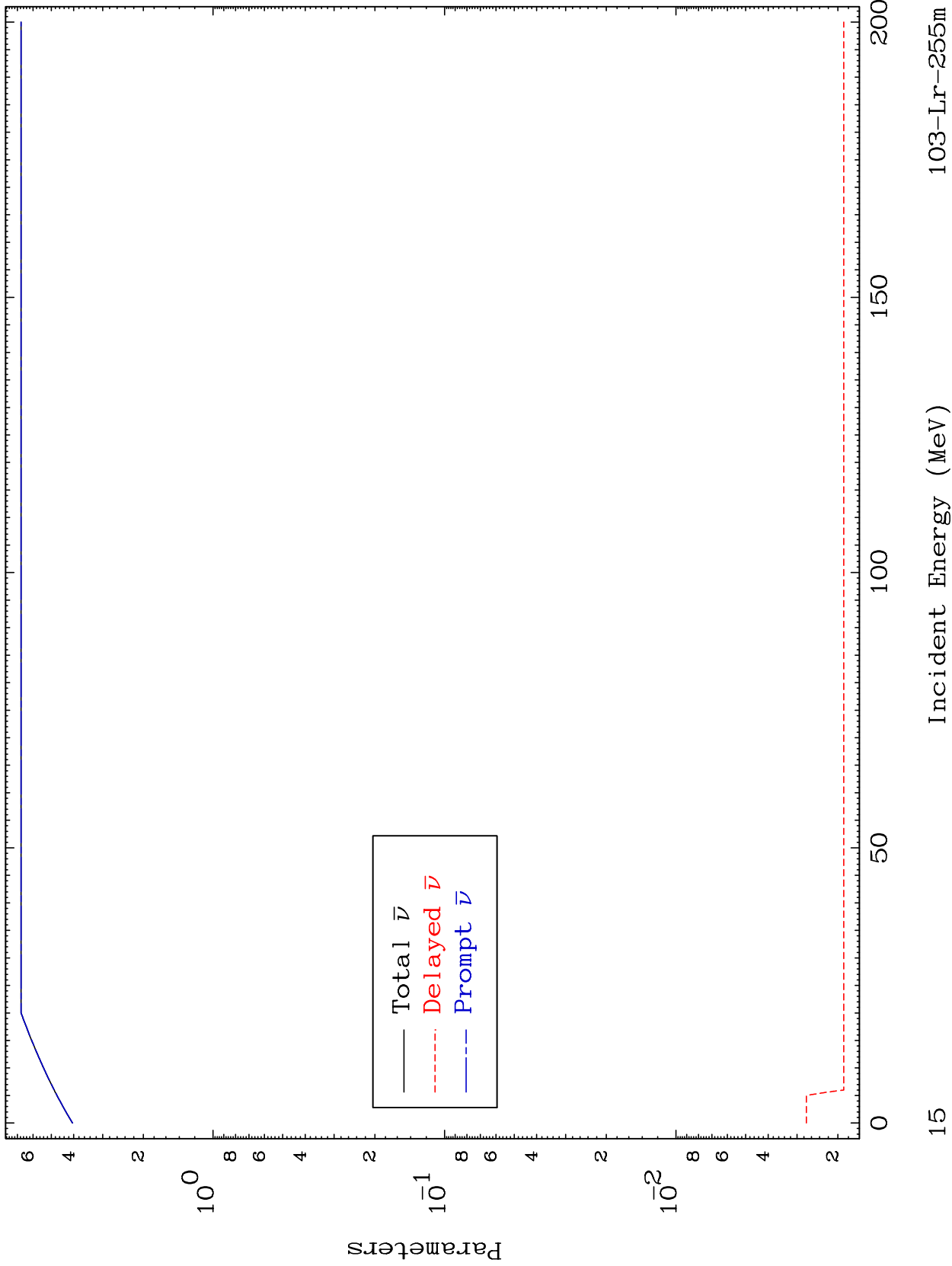
103-Lr-255m



MAT 9989

Energy Release
Parameters

103-Lr-255m



15

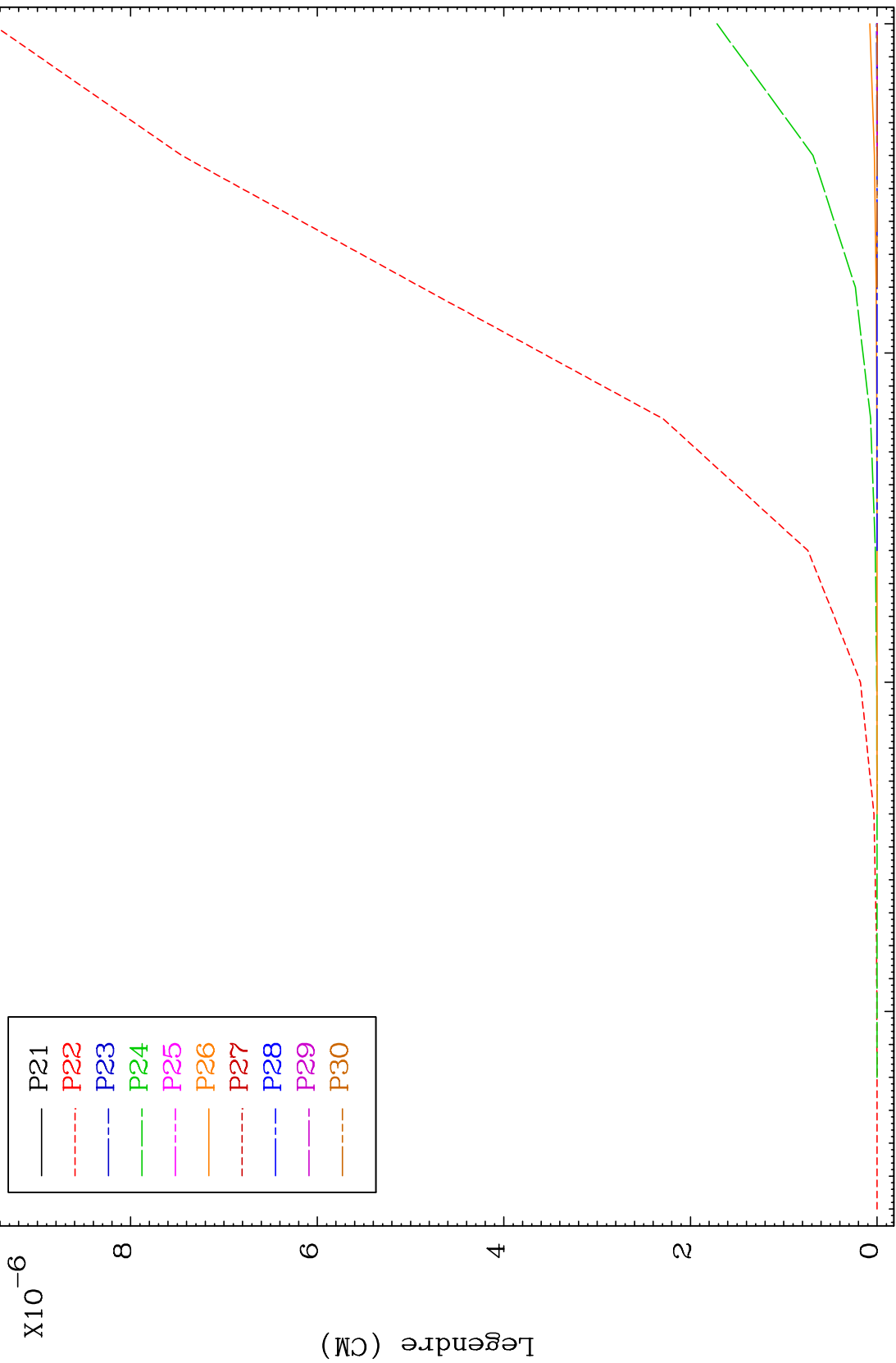
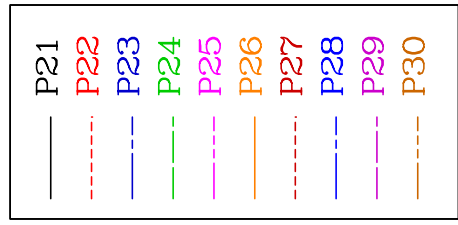
Incident Energy (MeV)

103-Lr-255m

MAT 9989

Elastic
Legendre Coefficients

103-Lr-255m



18

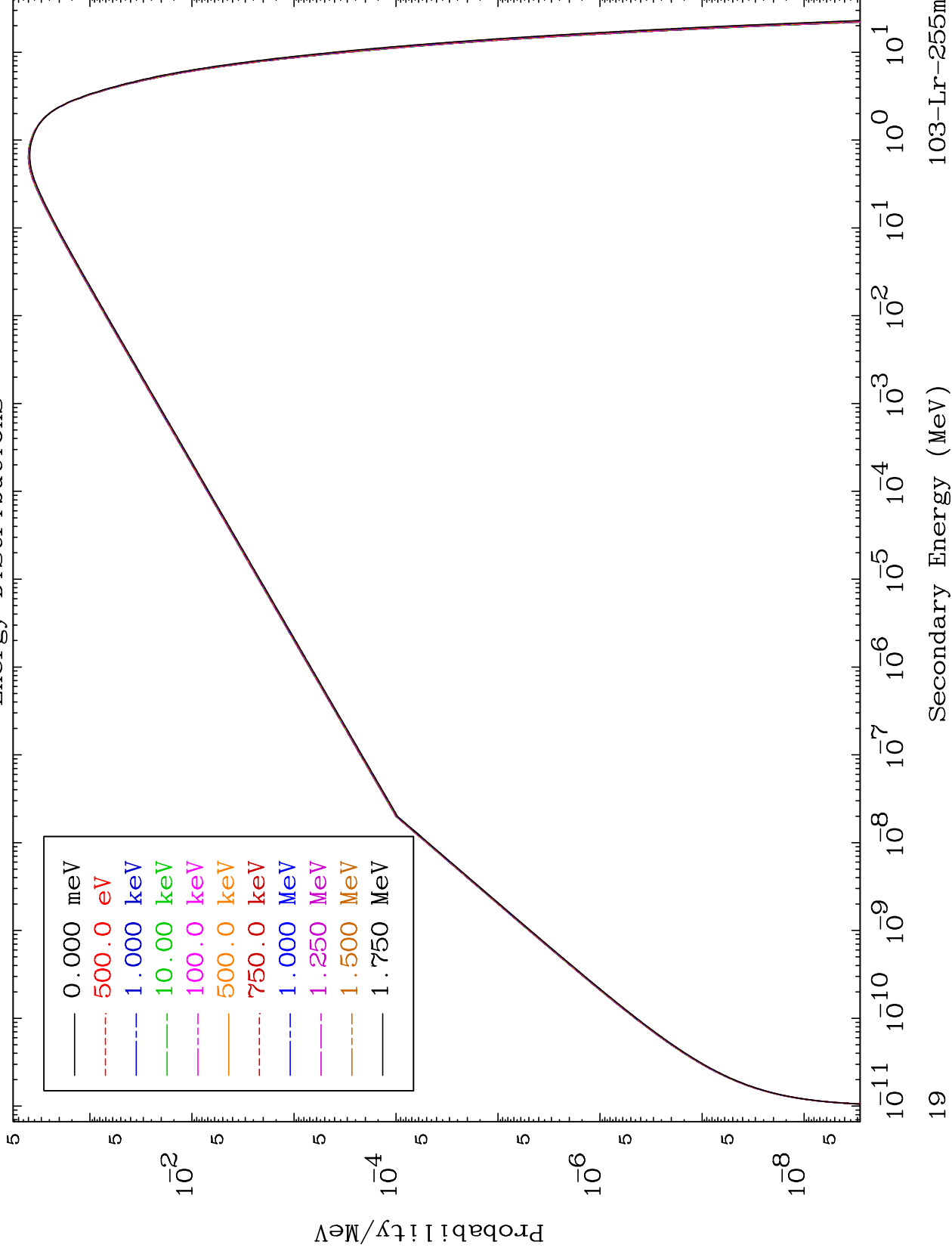
Incident Energy (MeV)

103-Lr-255m

MAT 9989

Fission Energy Distributions

¹⁰³Lr-255m



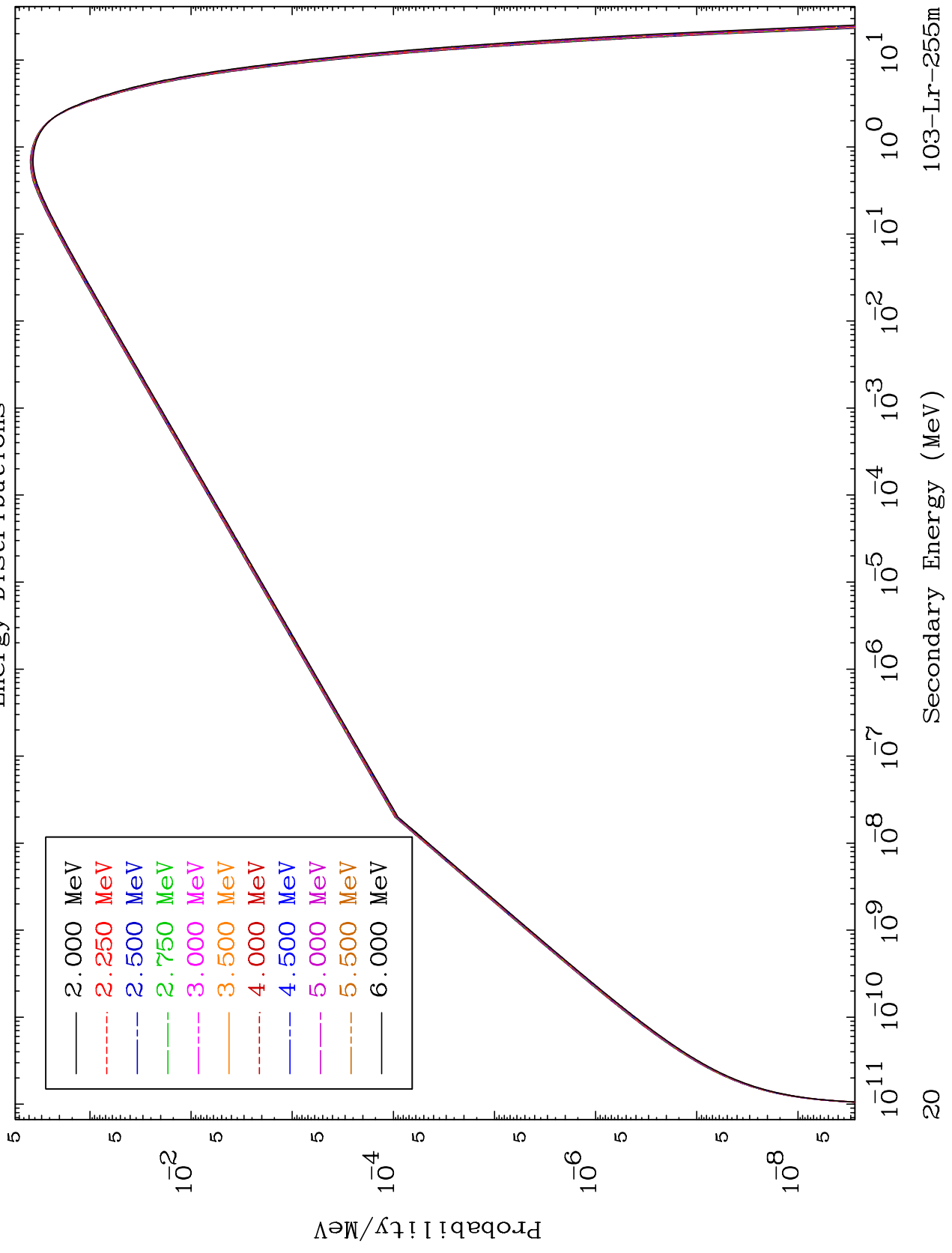
¹⁰³Lr-255m

Secondary Energy (MeV)

MAT 9989

Fission Energy Distributions

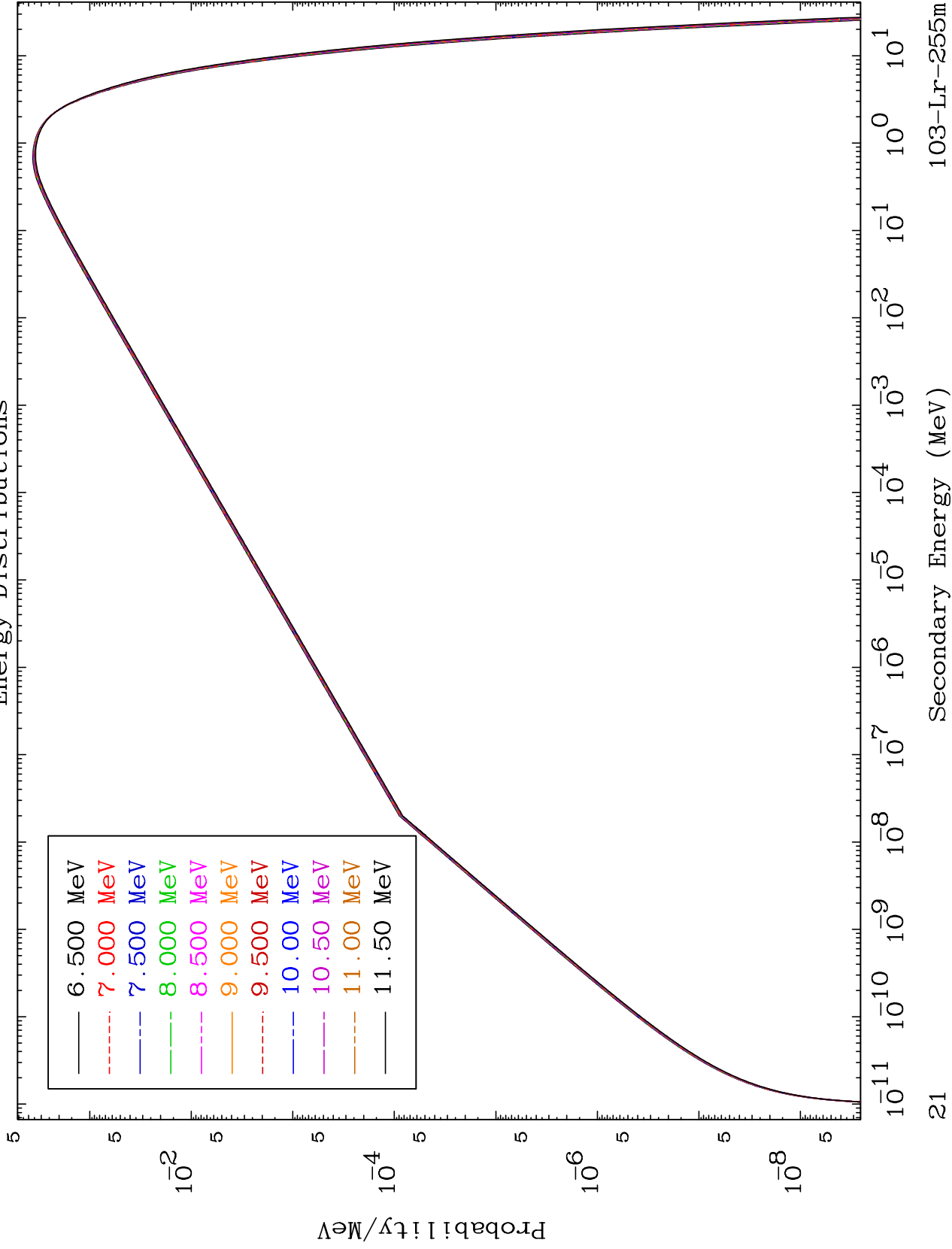
¹⁰³Lr-255m



MAT 9989

Fission
Energy Distributions

$^{103}\text{Lr-255m}$

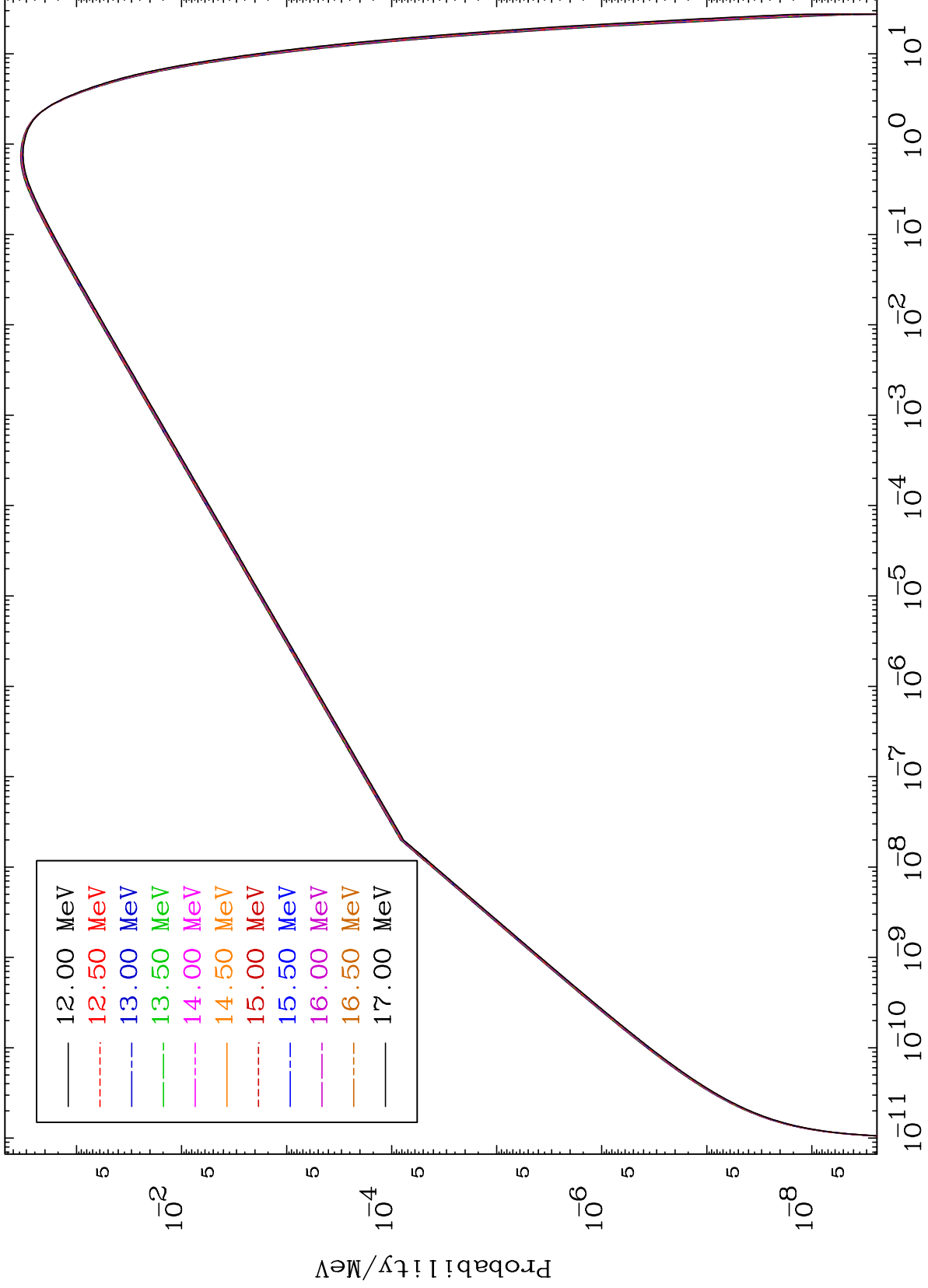


$^{103}\text{Lr-255m}$

MAT 9989

Fission Energy Distributions

¹⁰³Lr-255m



22

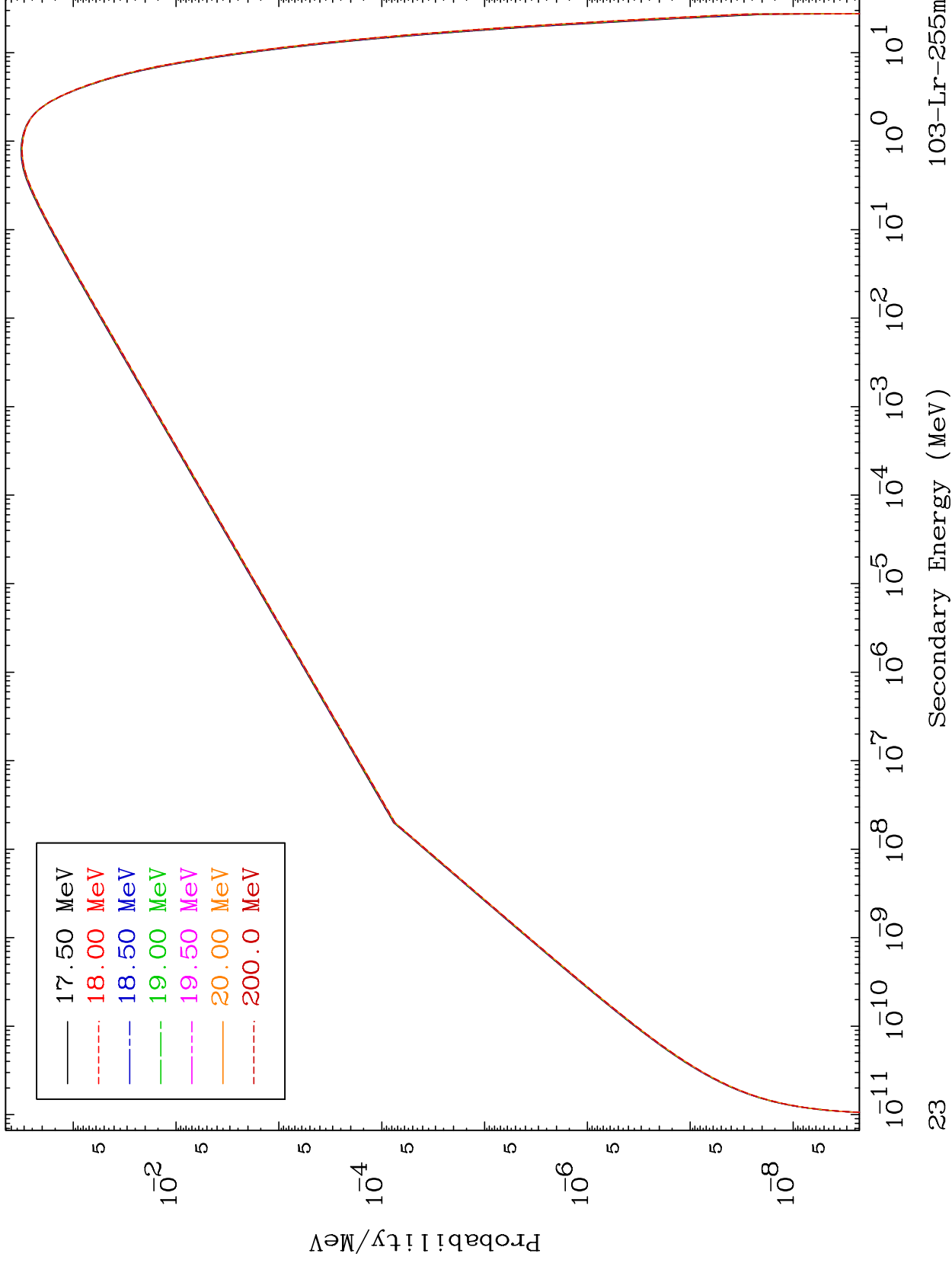
Secondary Energy (MeV)

¹⁰³Lr-255m

MAT 9989

Fission
Energy Distributions

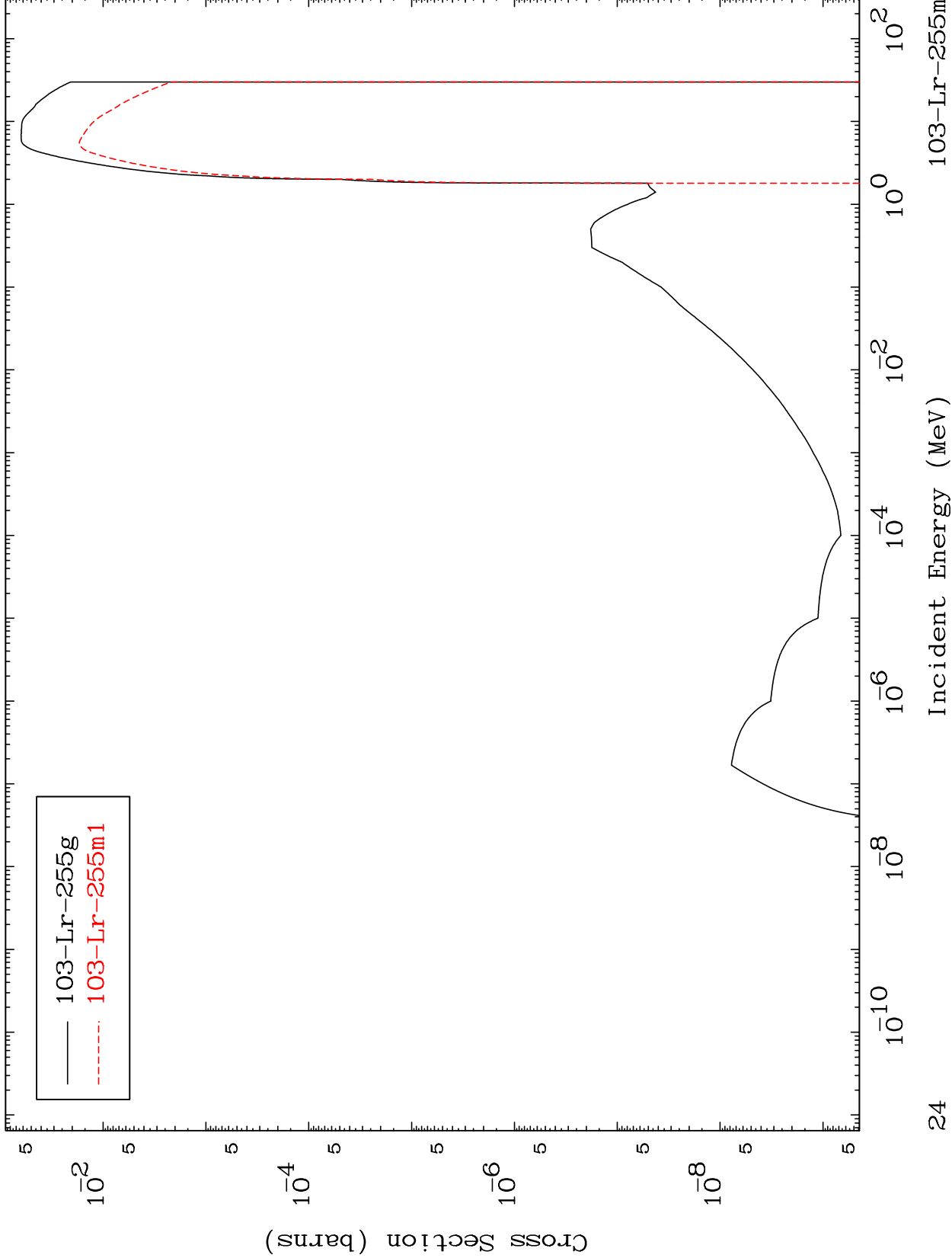
103-Lr-255m



MAT 9989

Inelastic
Radionuclide Production Cross Section

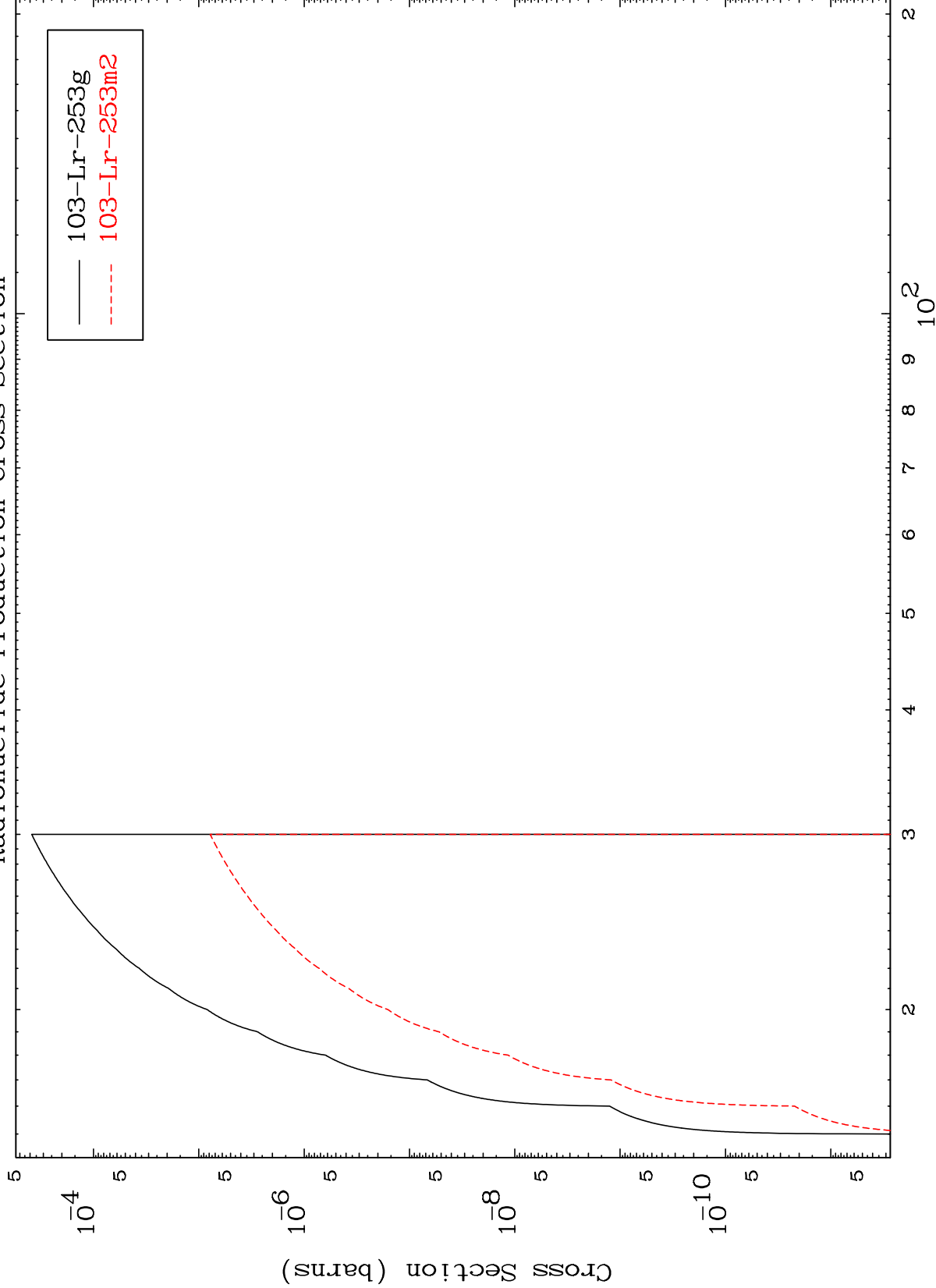
$^{103}\text{Lr-255m}$



MAT 9989

103-Lr-255m

(n,3n)
Radionuclide Production Cross Section



103-Lr-255m

Incident Energy (MeV)

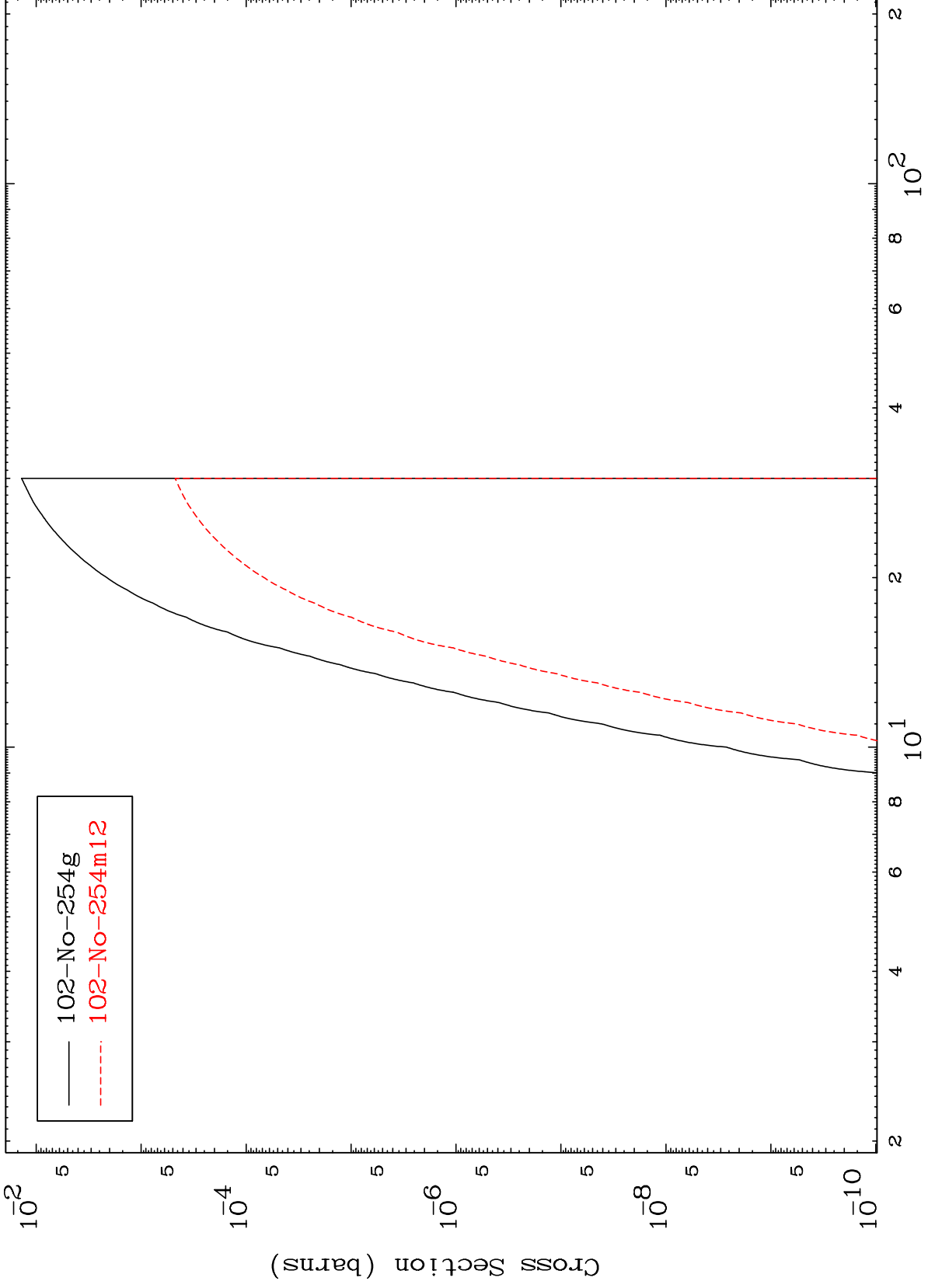
25

MAT 9989

(n,n') p

103-Lr-255m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

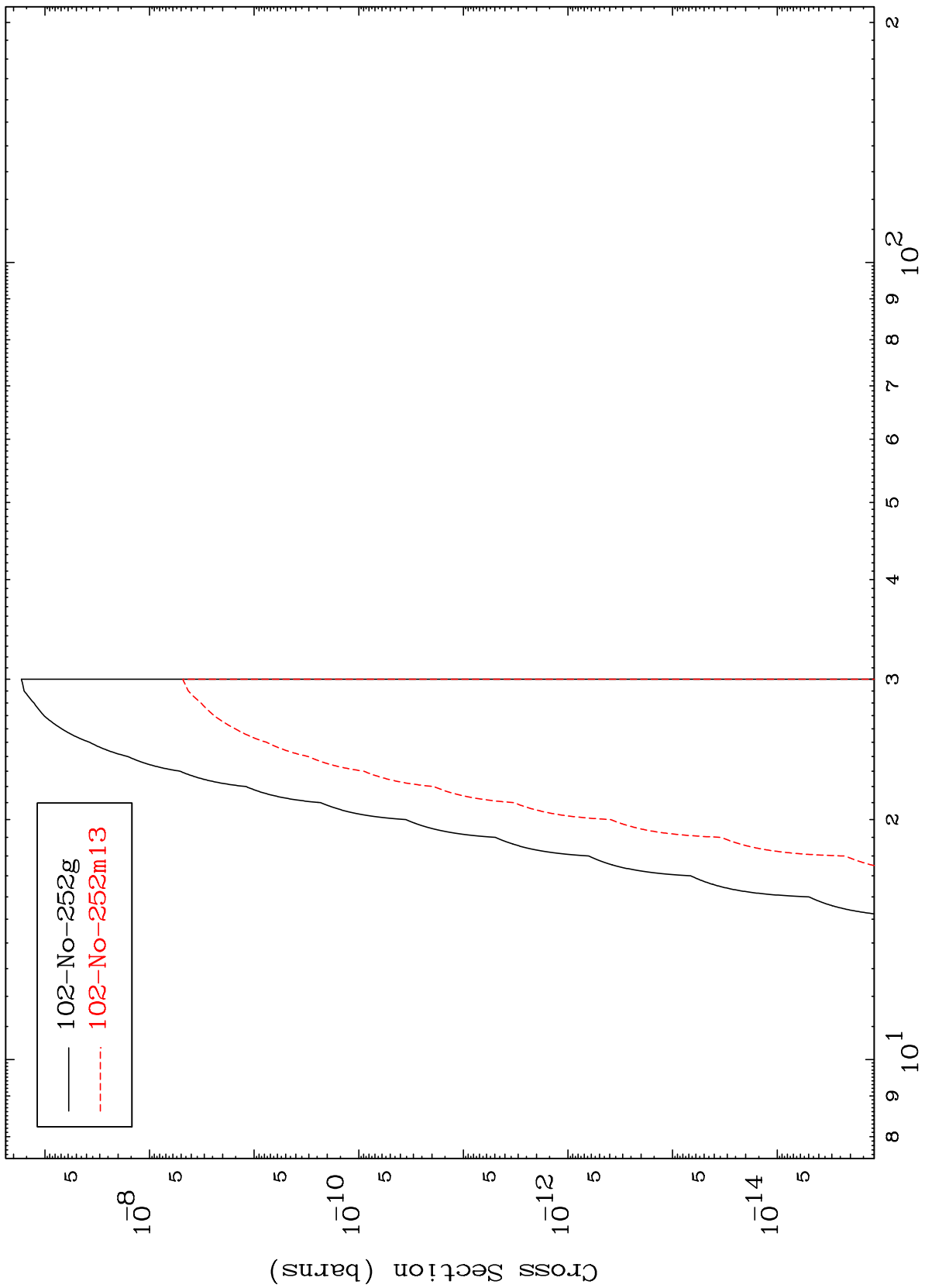
103-Lr-255m

MAT 9989

(n,n') t

103-Lr-255m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

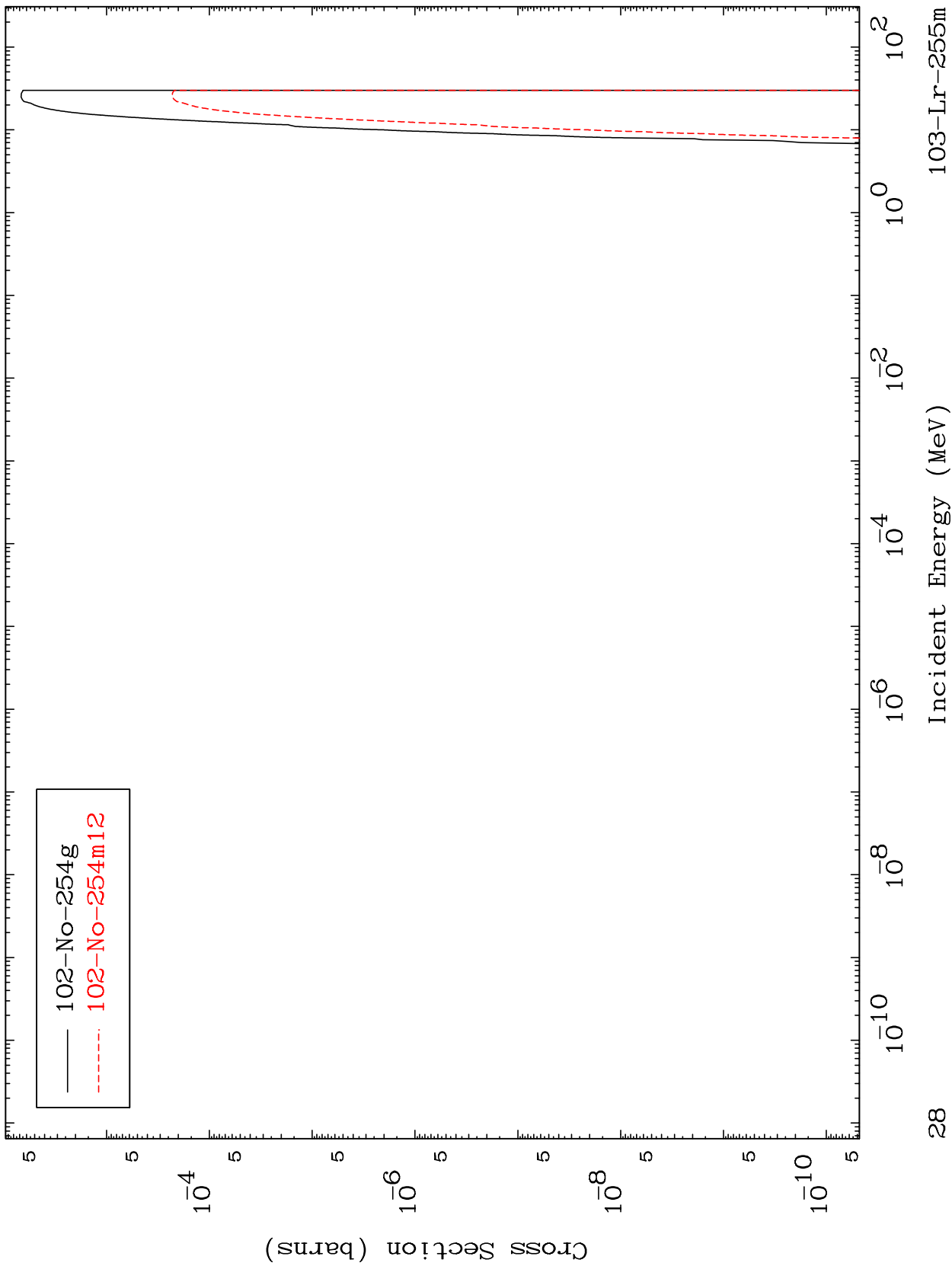
103-Lr-255m

MAT 9989

(n,d)

103-Lr-255m

Radionuclide Production Cross Section



— 102-No-254g
- - - 102-No-254m12

MAT 9989

(n,2p)

103-Lr-255m

Radionuclide Production Cross Section

