

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

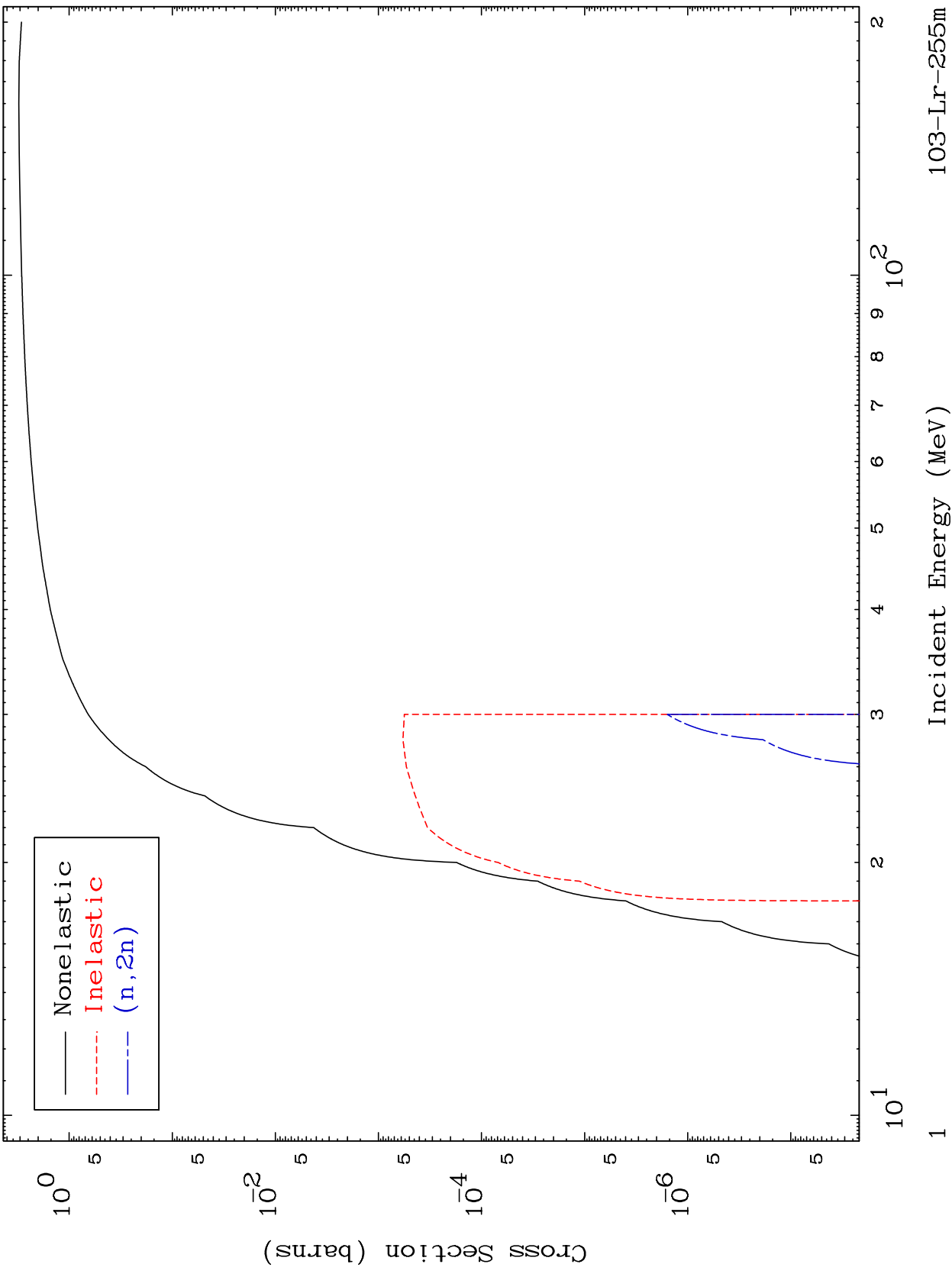
Press Mouse Button to Start

MAT 9989

α Major

103-Lr-255m

0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- . - (n,2n)

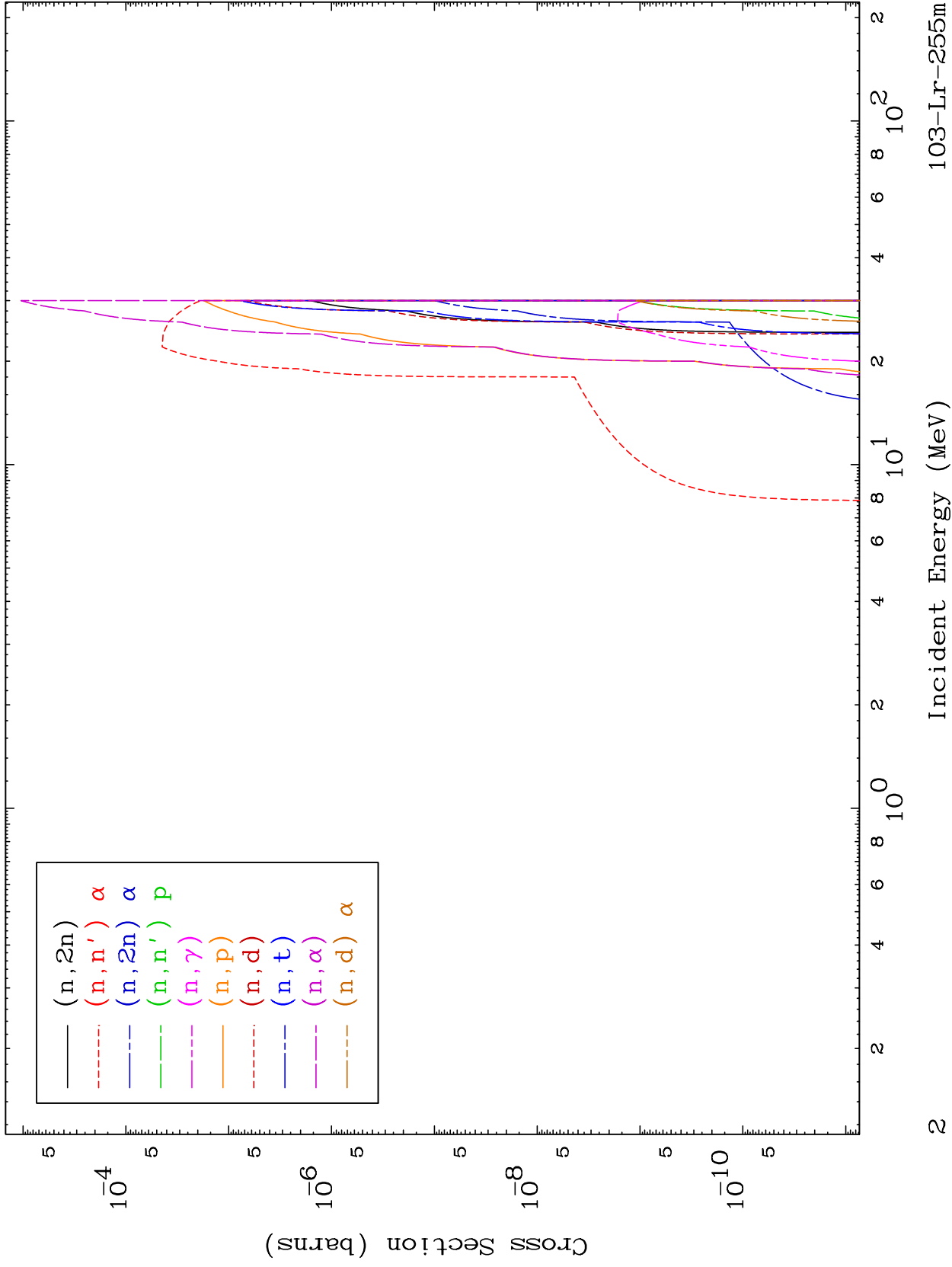
103-Lr-255m

Incident Energy (MeV)

MAT 9989

α Neutron Absorption
0 Kelvin Cross Sections

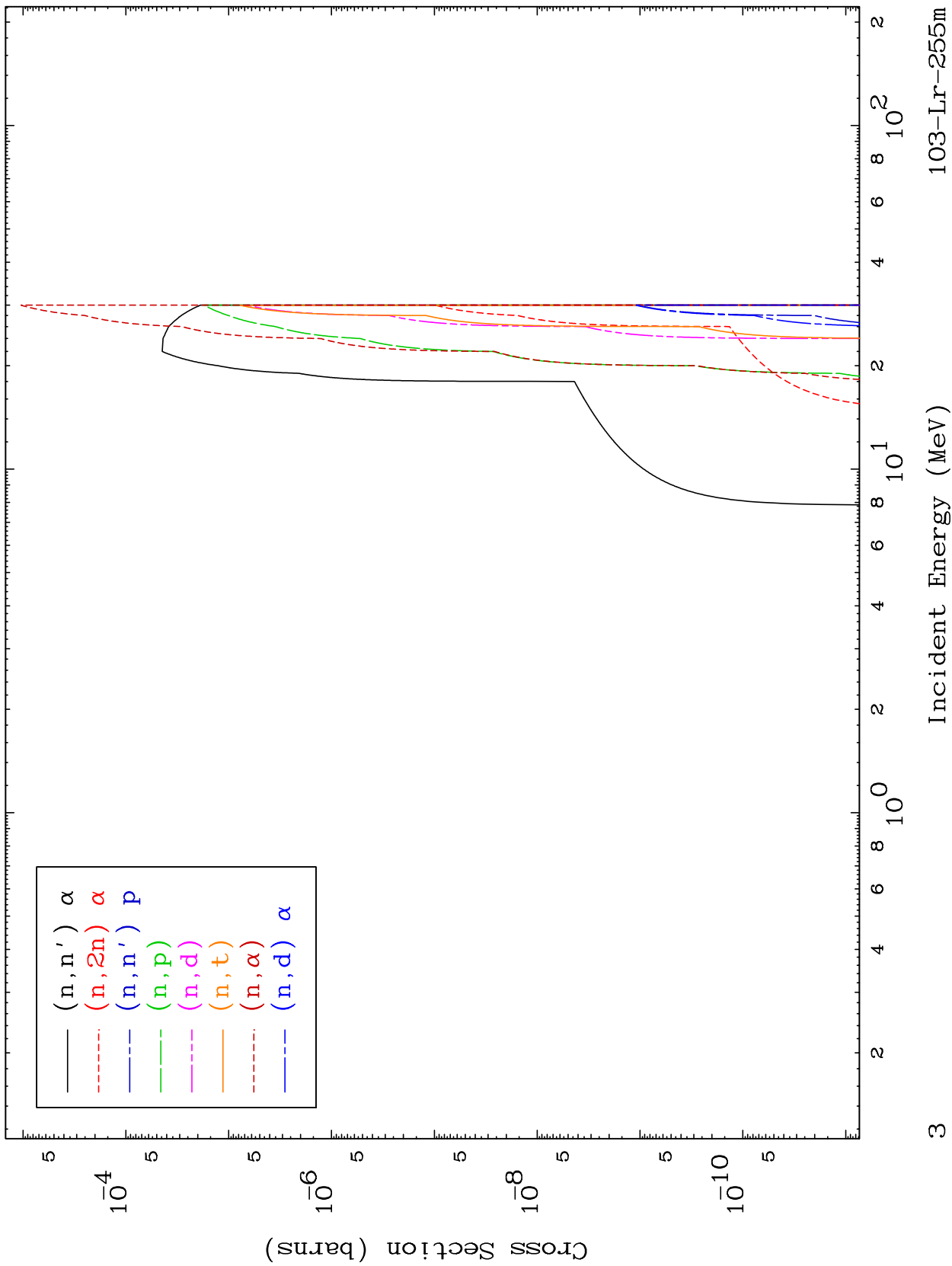
103-Lr-255m



MAT 9989

α Charged Particle
0 Kelvin Cross Sections

103-Lr-255m

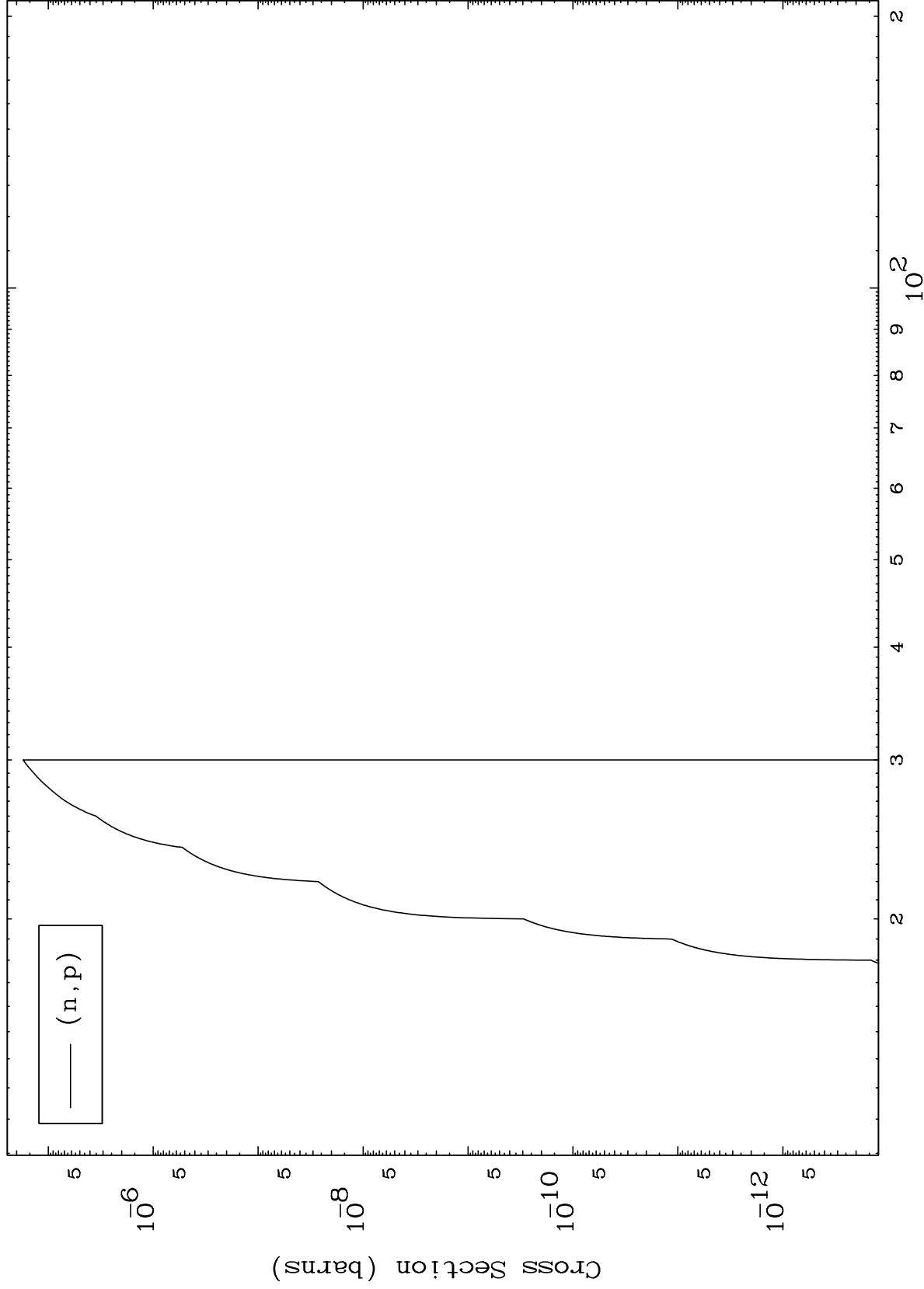


MAT 9989

(α, p) Levels

103-Lr-255m

0 Kelvin Cross Sections



Incident Energy (MeV)

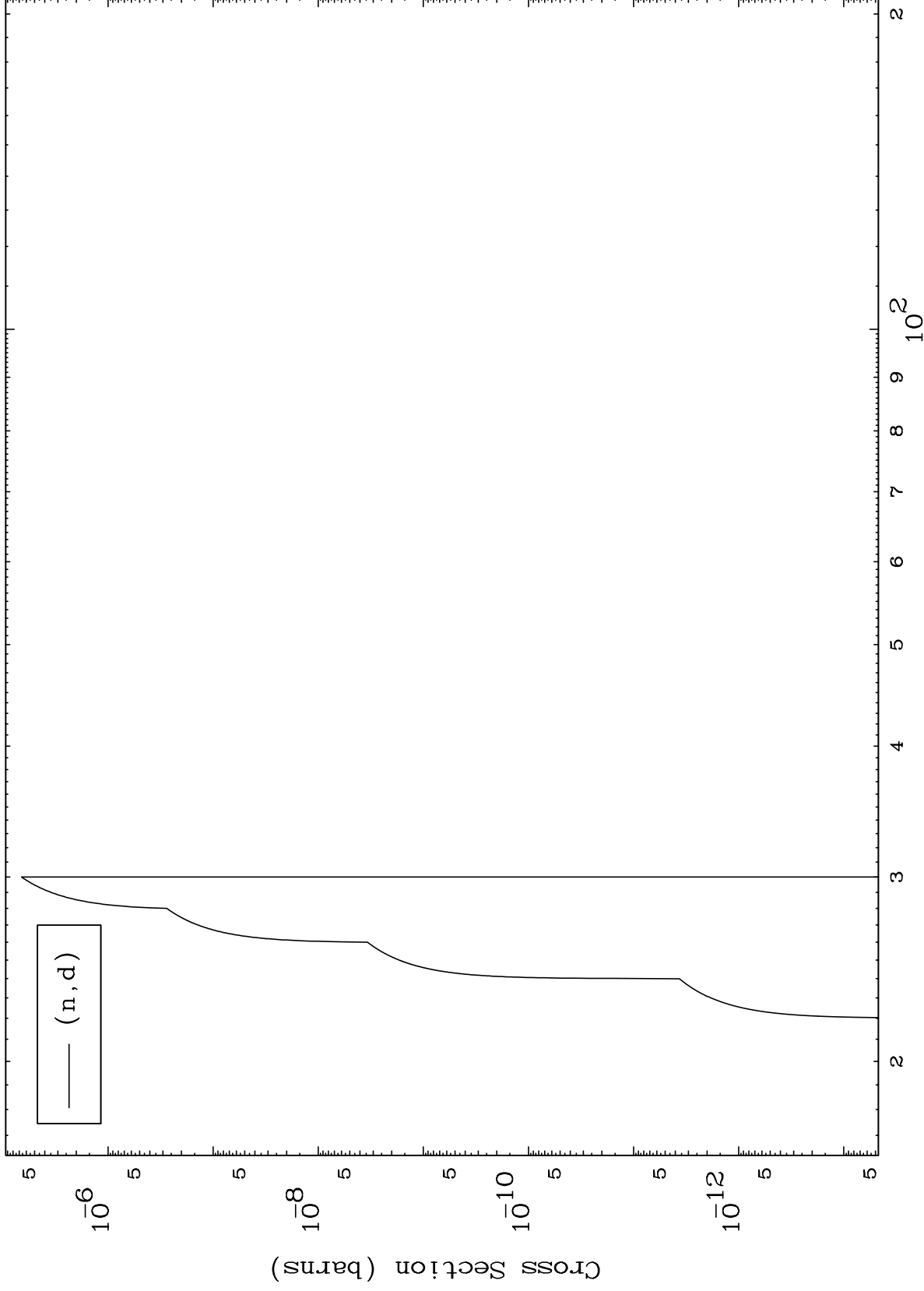
103-Lr-255m

4

MAT 9989

(α, d) Levels
0 Kelvin Cross Sections

103-Lr-255m



5

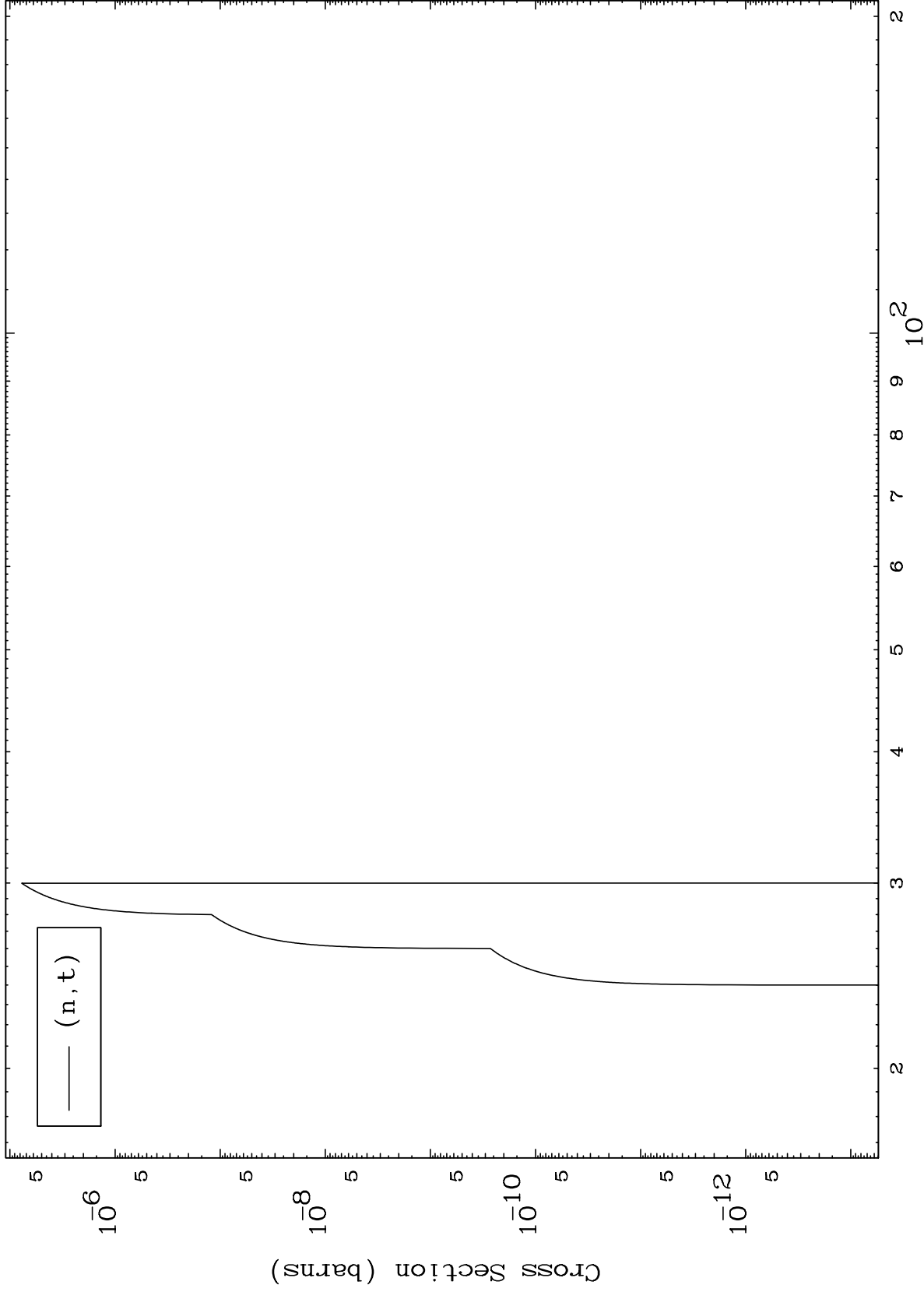
Incident Energy (MeV)

103-Lr-255m

MAT 9989

(α, t) Levels
0 Kelvin Cross Sections

103-Lr-255m



6

Incident Energy (MeV)

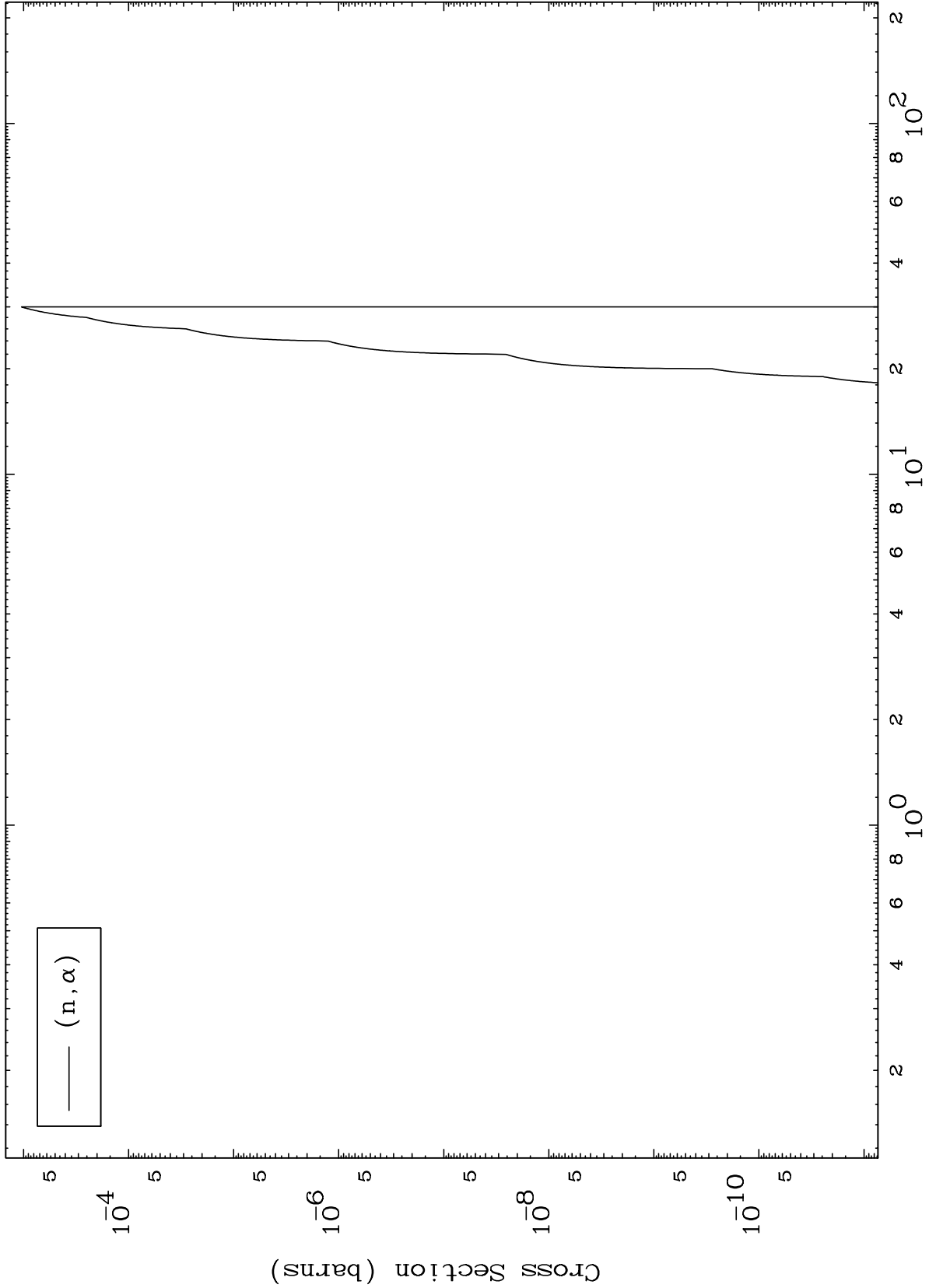
103-Lr-255m

MAT 9989

(α, α) Levels

103-Lr-255m

0 Kelvin Cross Sections

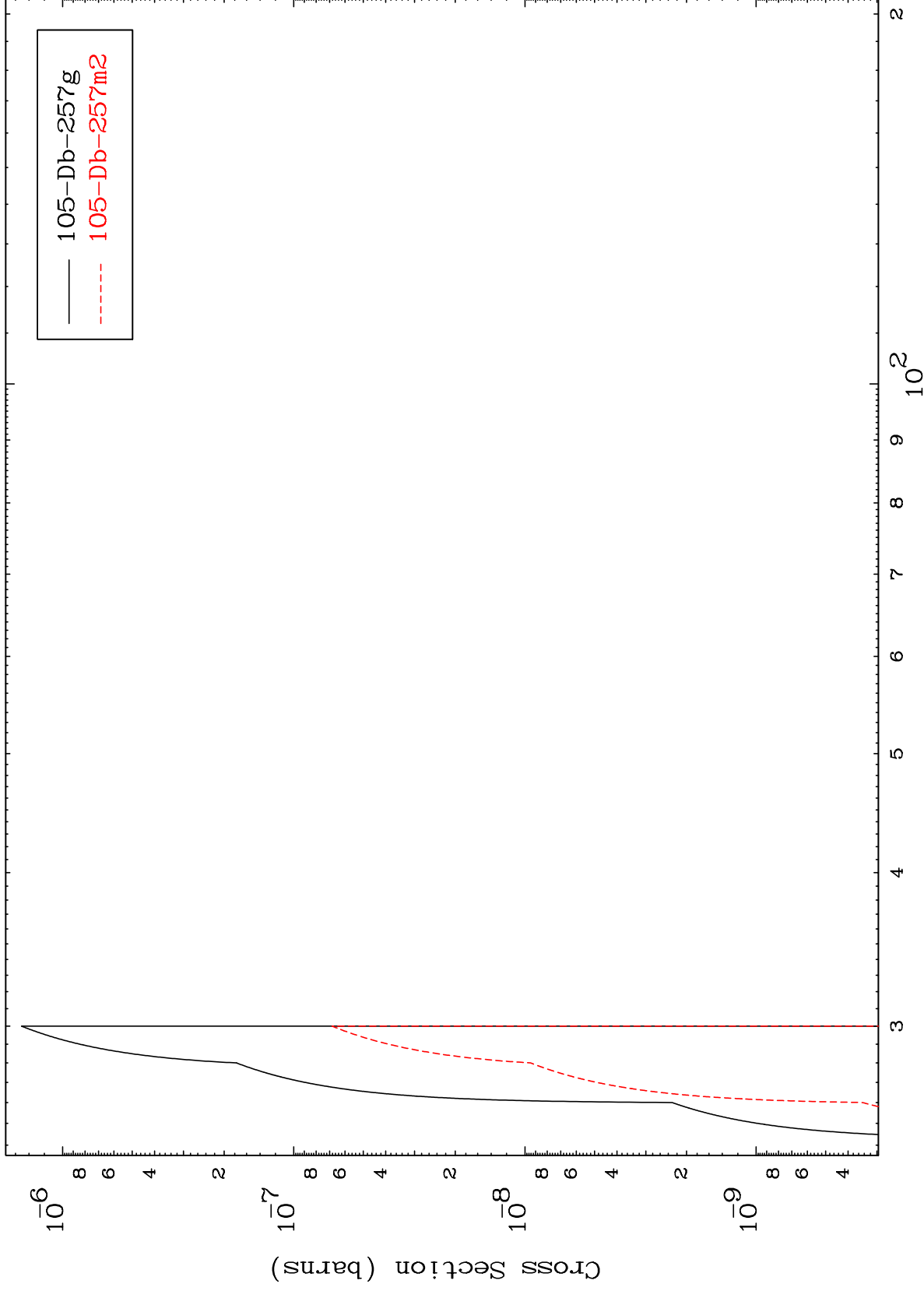


MAT 9989

(n,2n)

103-Lr-255m

Radionuclide Production Cross Section



8

Incident Energy (MeV)

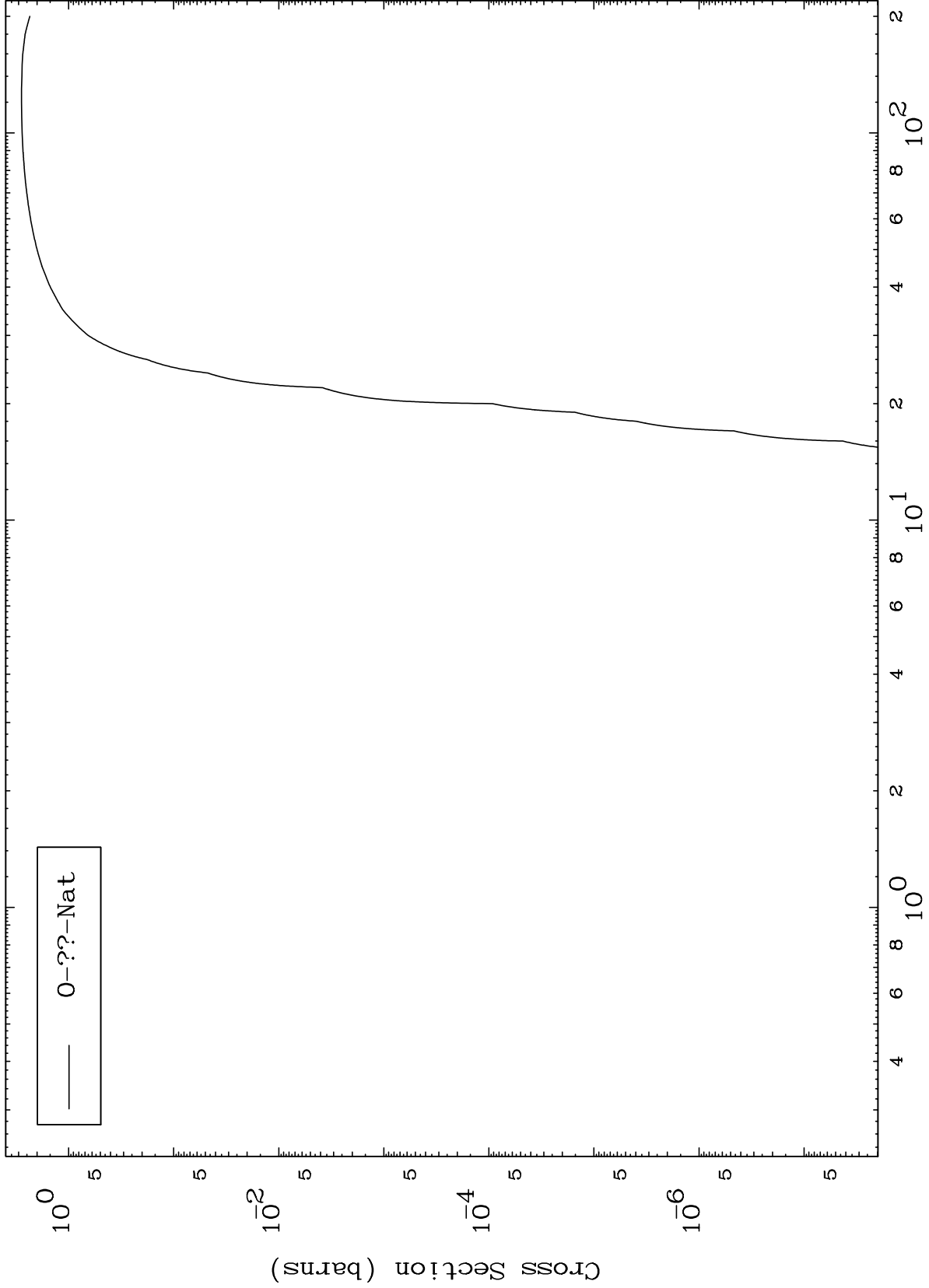
103-Lr-255m

MAT 9989

Fission

103-Lr-255m

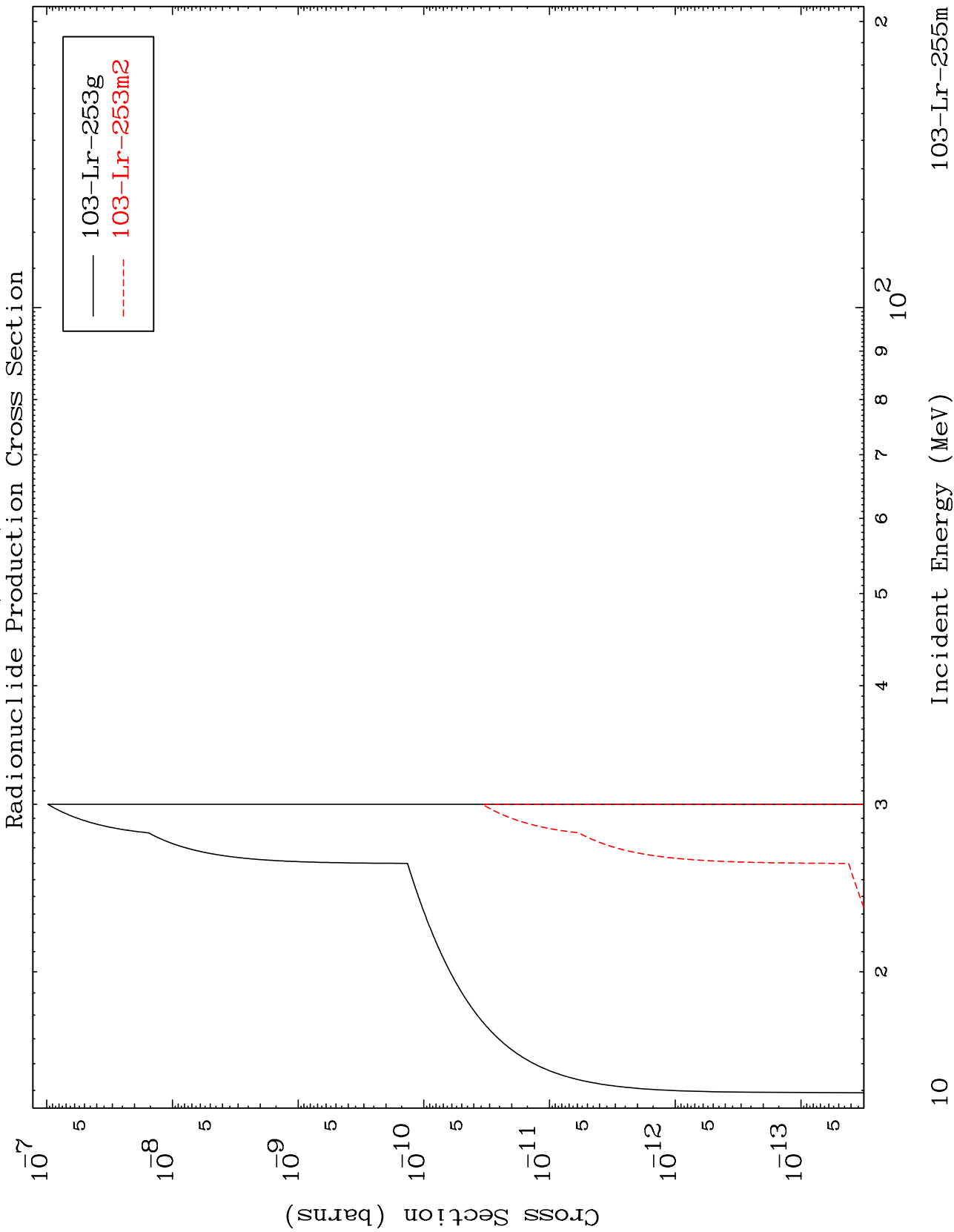
Radionuclide Production Cross Section



MAT 9989

$(n,2n) \alpha$

103-Lr-255m



10

Incident Energy (MeV)

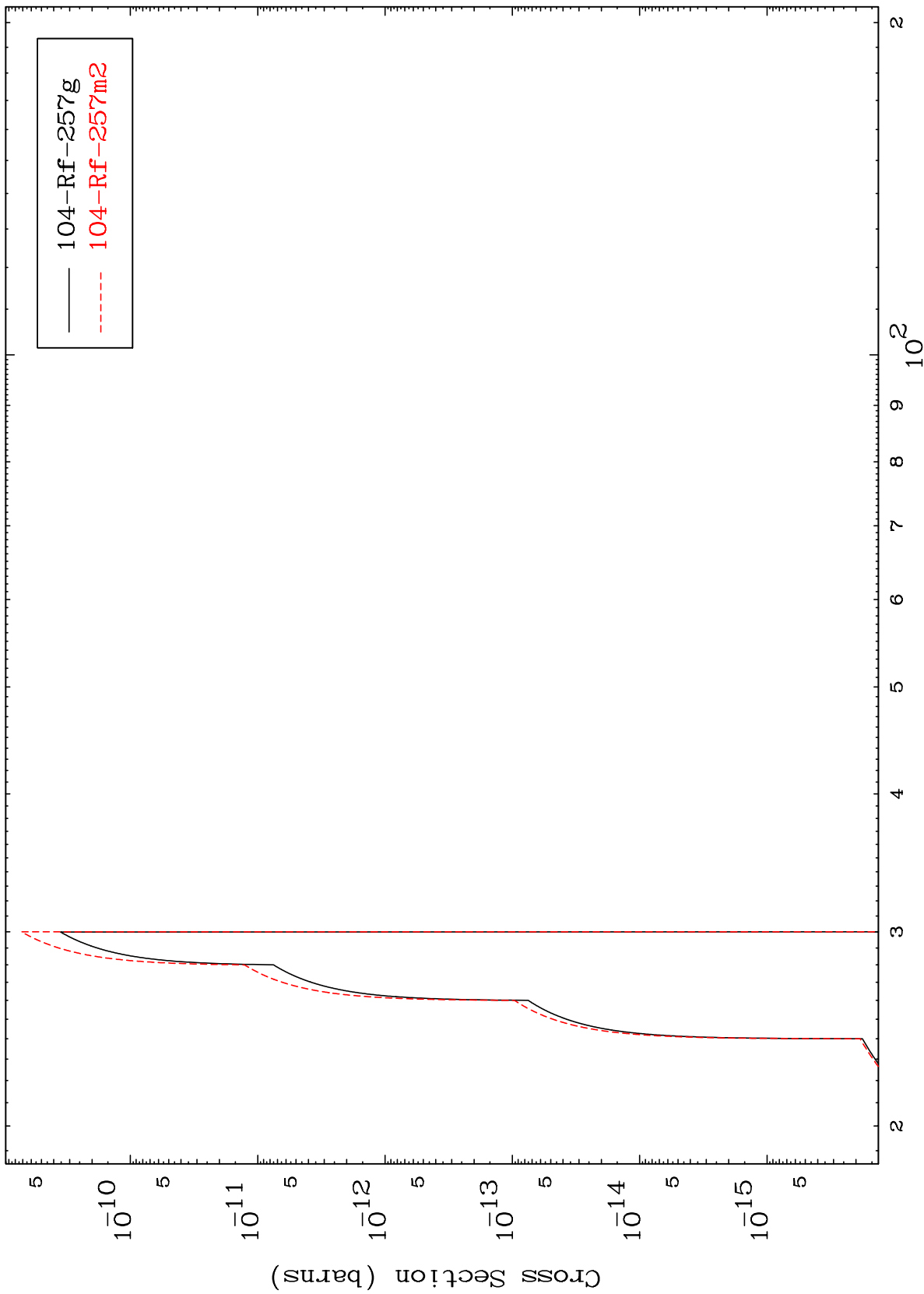
103-Lr-255m

MAT 9989

(n, n') p

103-Lr-255m

Radionuclide Production Cross Section



11

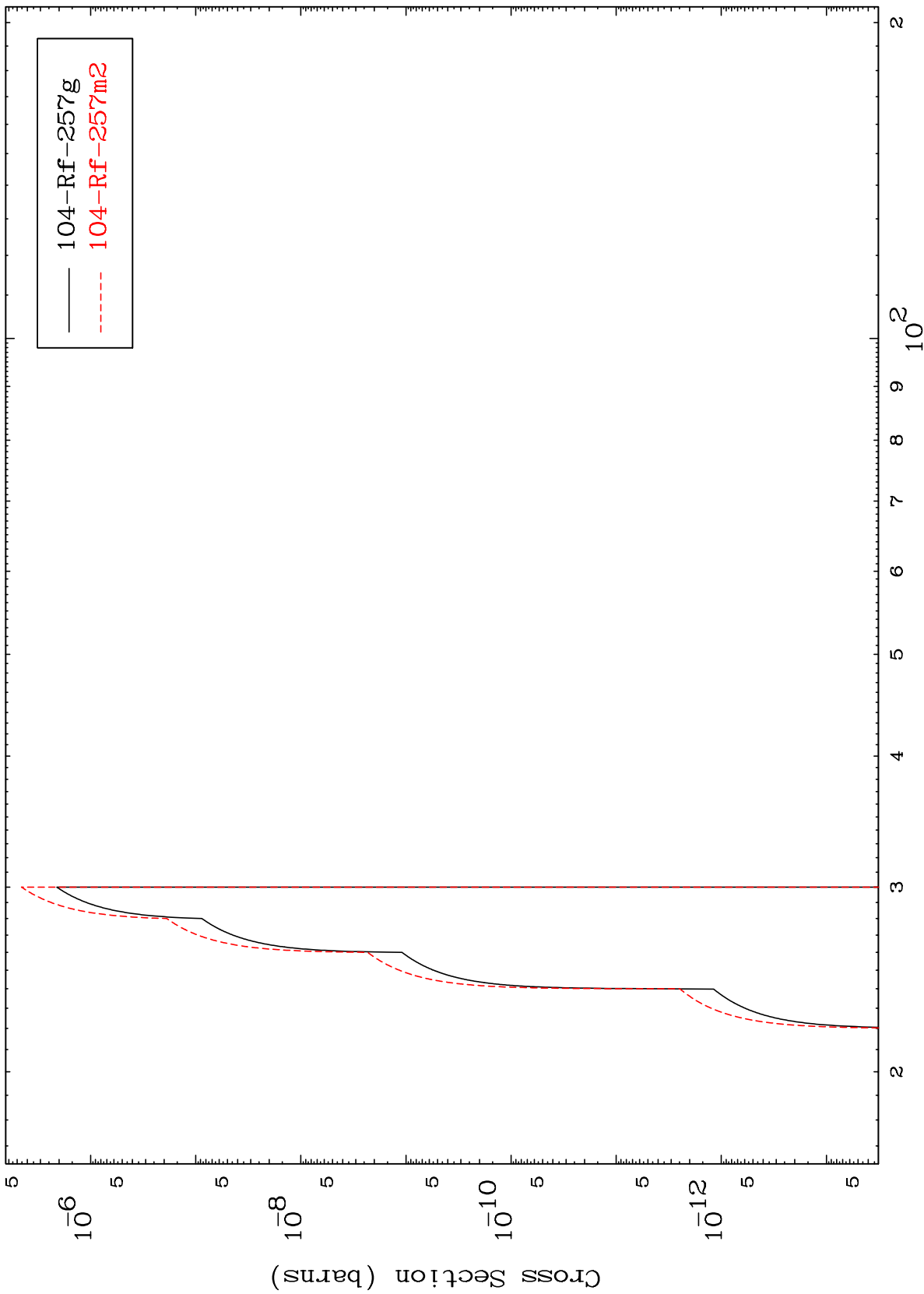
Incident Energy (MeV)

103-Lr-255m

MAT 9989

103-Lr-255m

(n,d)
Radionuclide Production Cross Section



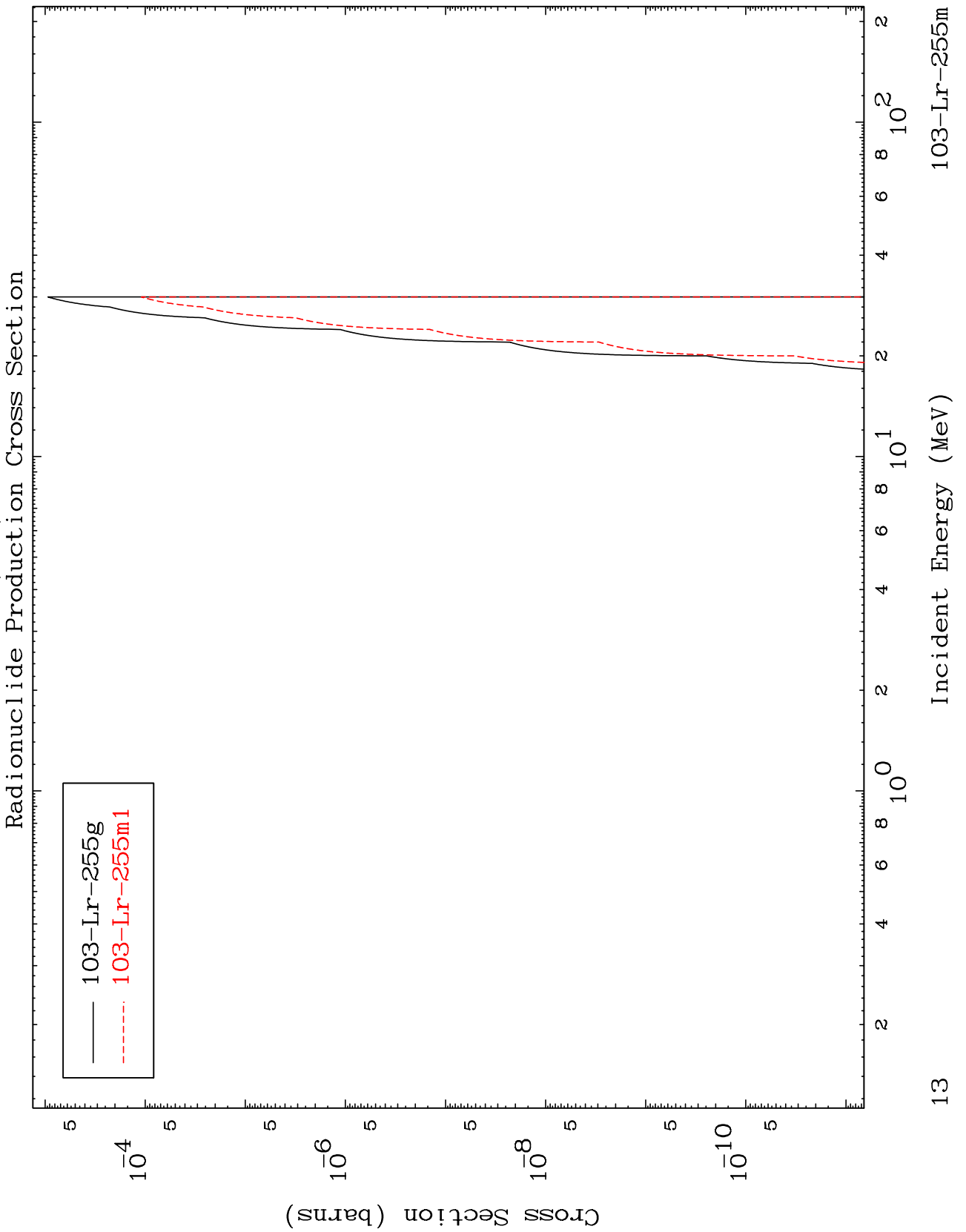
12

103-Lr-255m

Incident Energy (MeV)

MAT 9989

103-Lr-255m



— 103-Lr-255g
- - - 103-Lr-255m1