

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

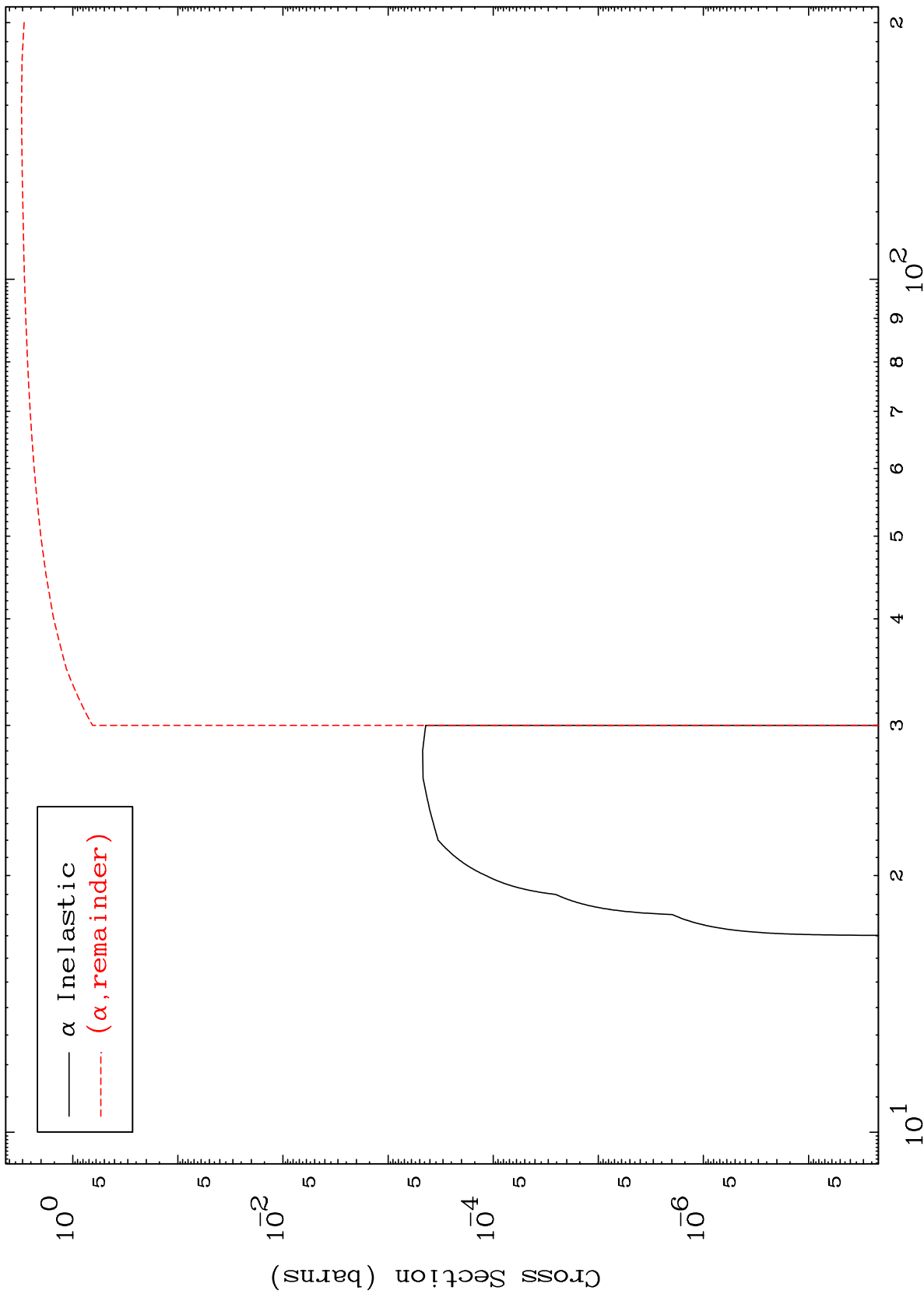
Press Mouse Button to Start

MAT 9983

α Major

103-Lr-254

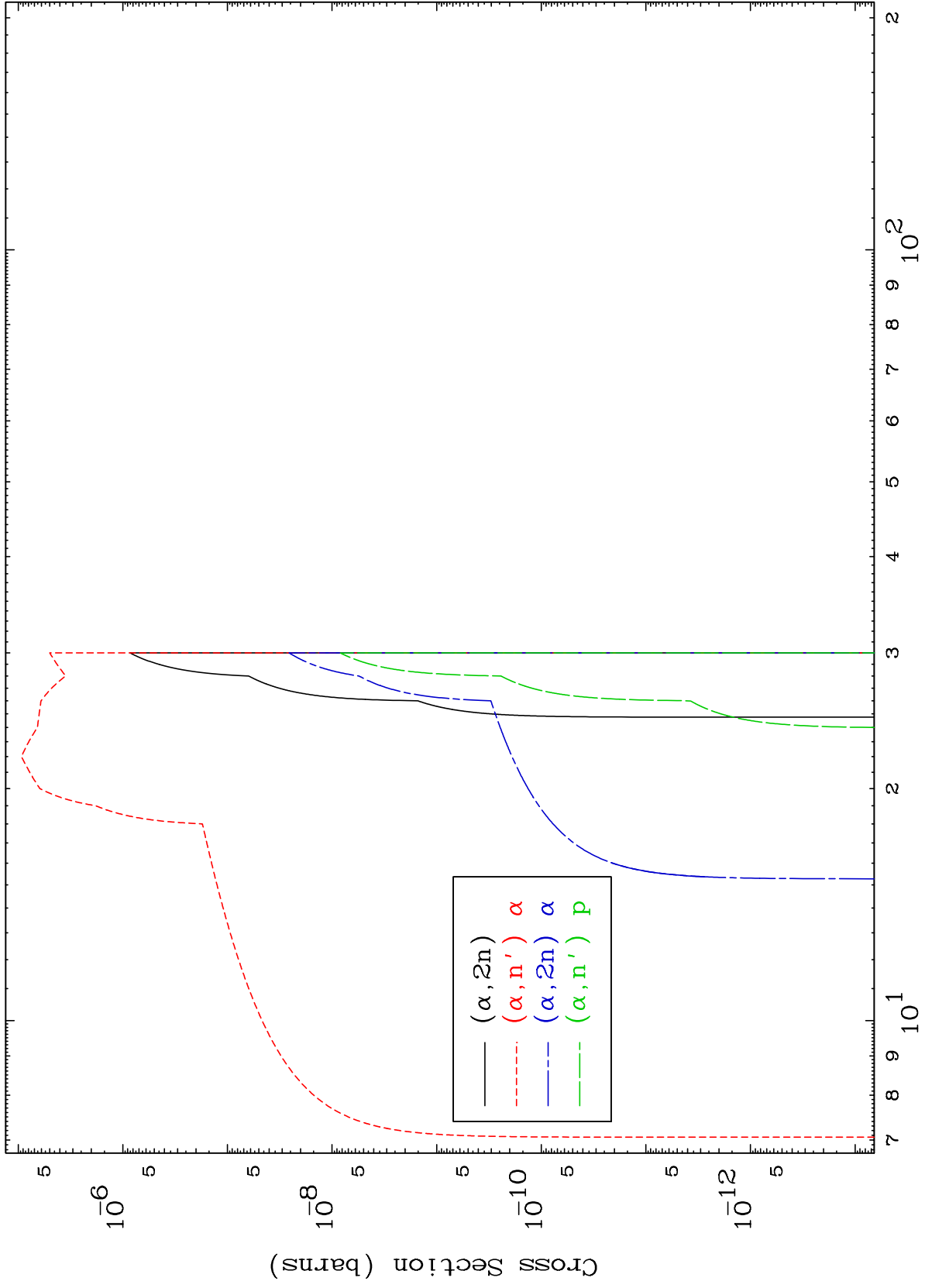
0 Kelvin Cross Sections



— α Inelastic
- - - α remainder

Incident Energy (MeV)

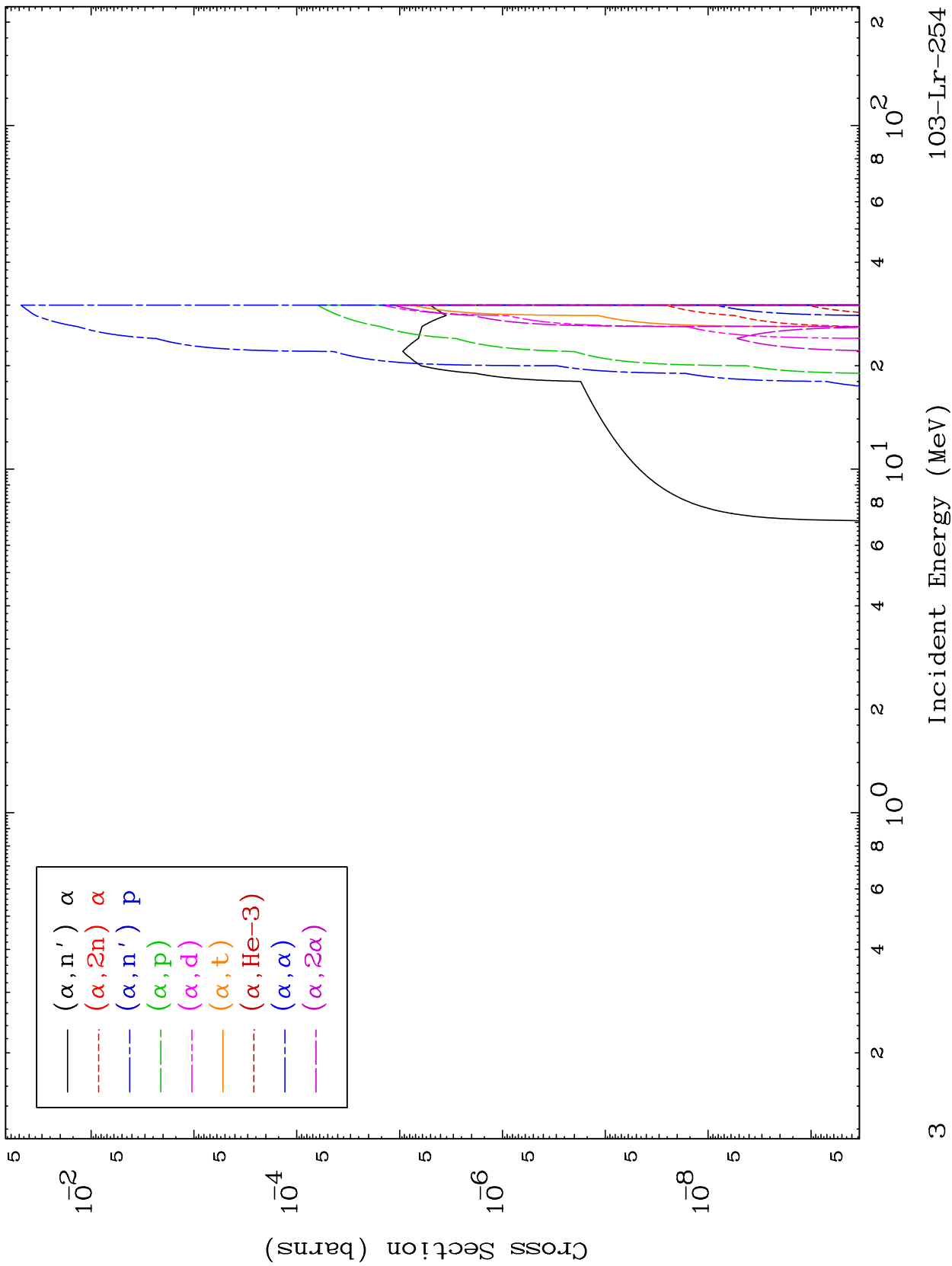
103-Lr-254



MAT 9983

α Charged Particle
0 Kelvin Cross Sections

103-Lr-254

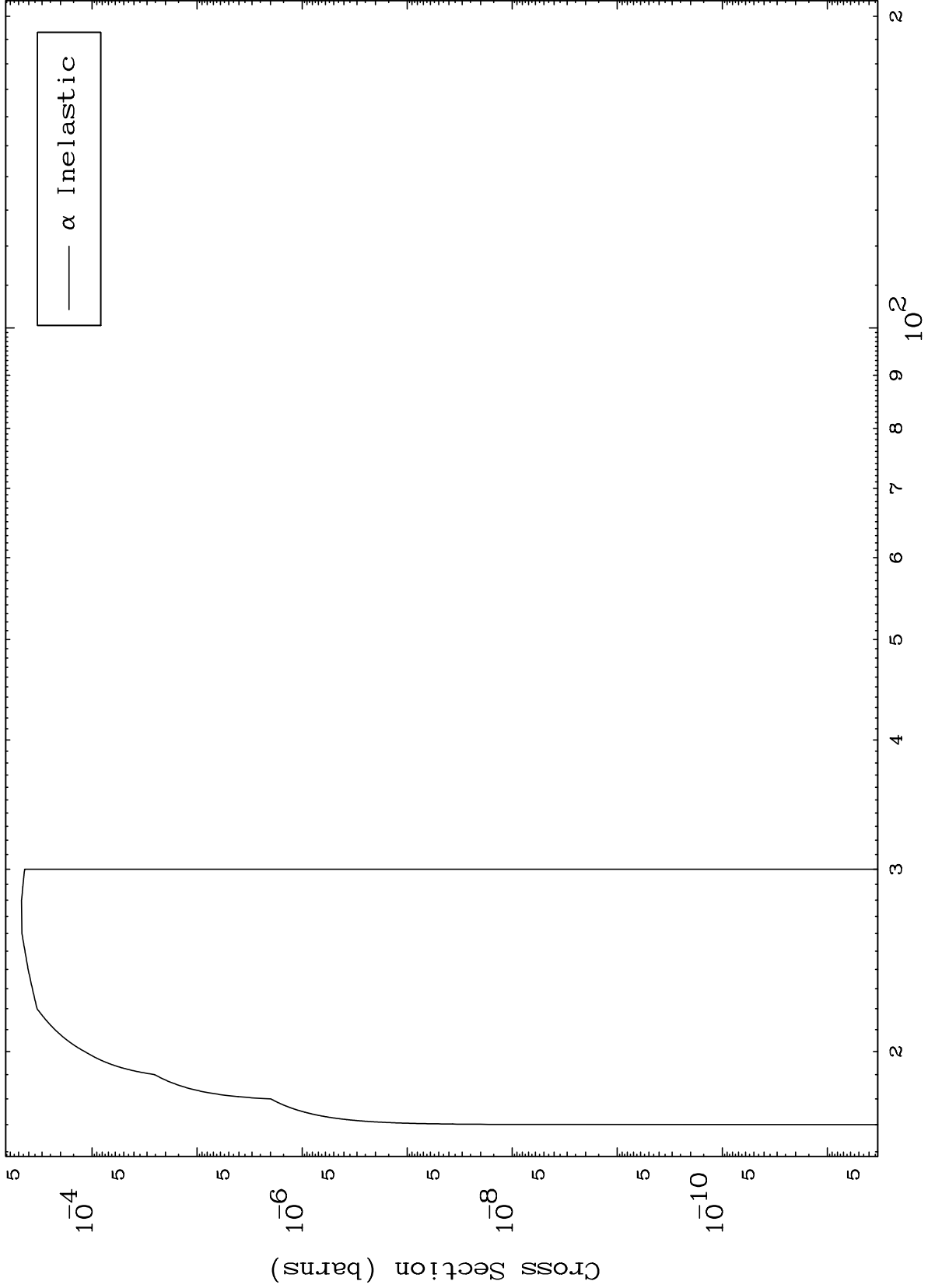


MAT 9983

(α, n') Level

103-Lr-254

0 Kelvin Cross Sections



4

Incident Energy (MeV)

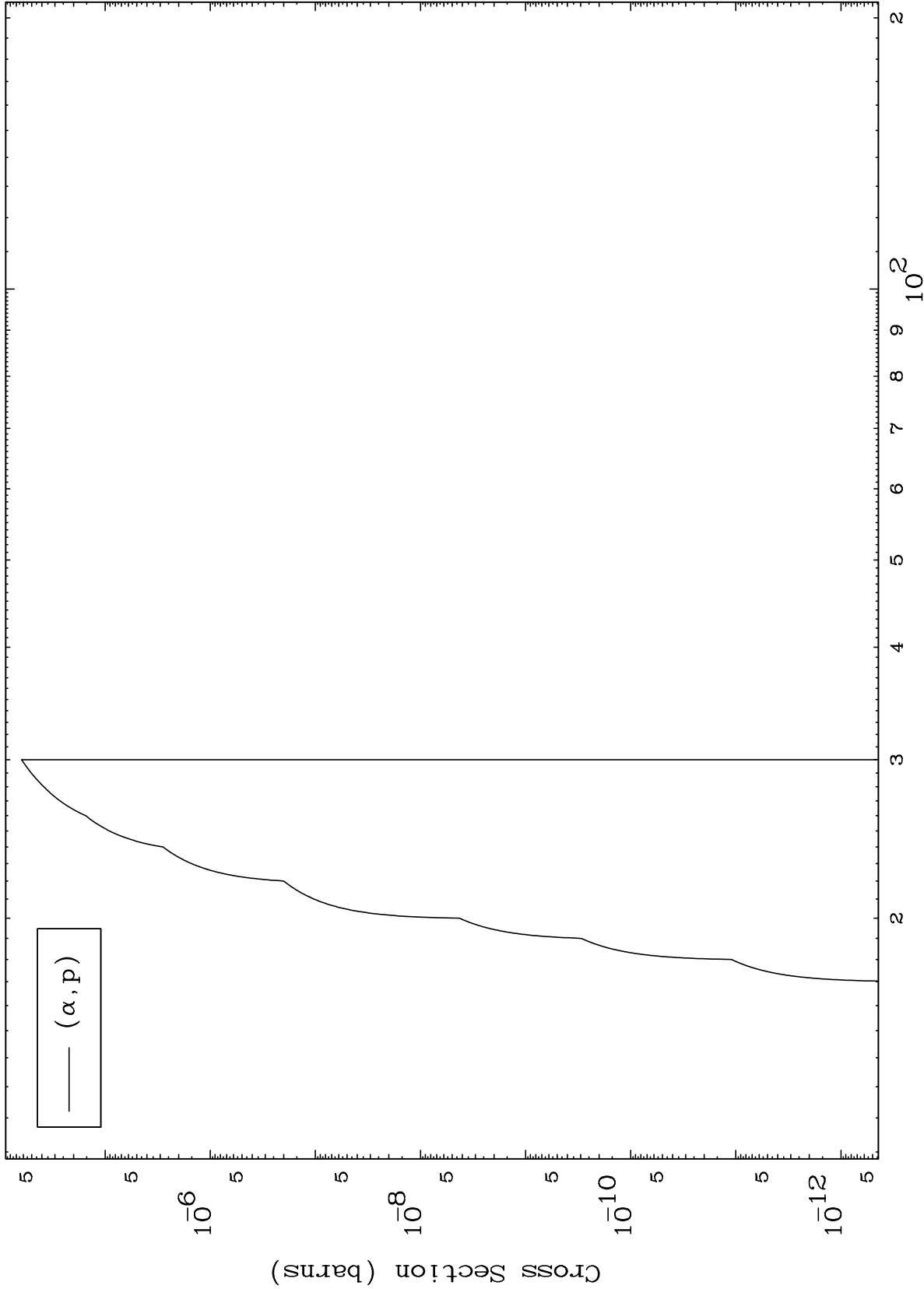
103-Lr-254

MAT 9983

(α, p) Levels

103-Lr-254

0 Kelvin Cross Sections



5

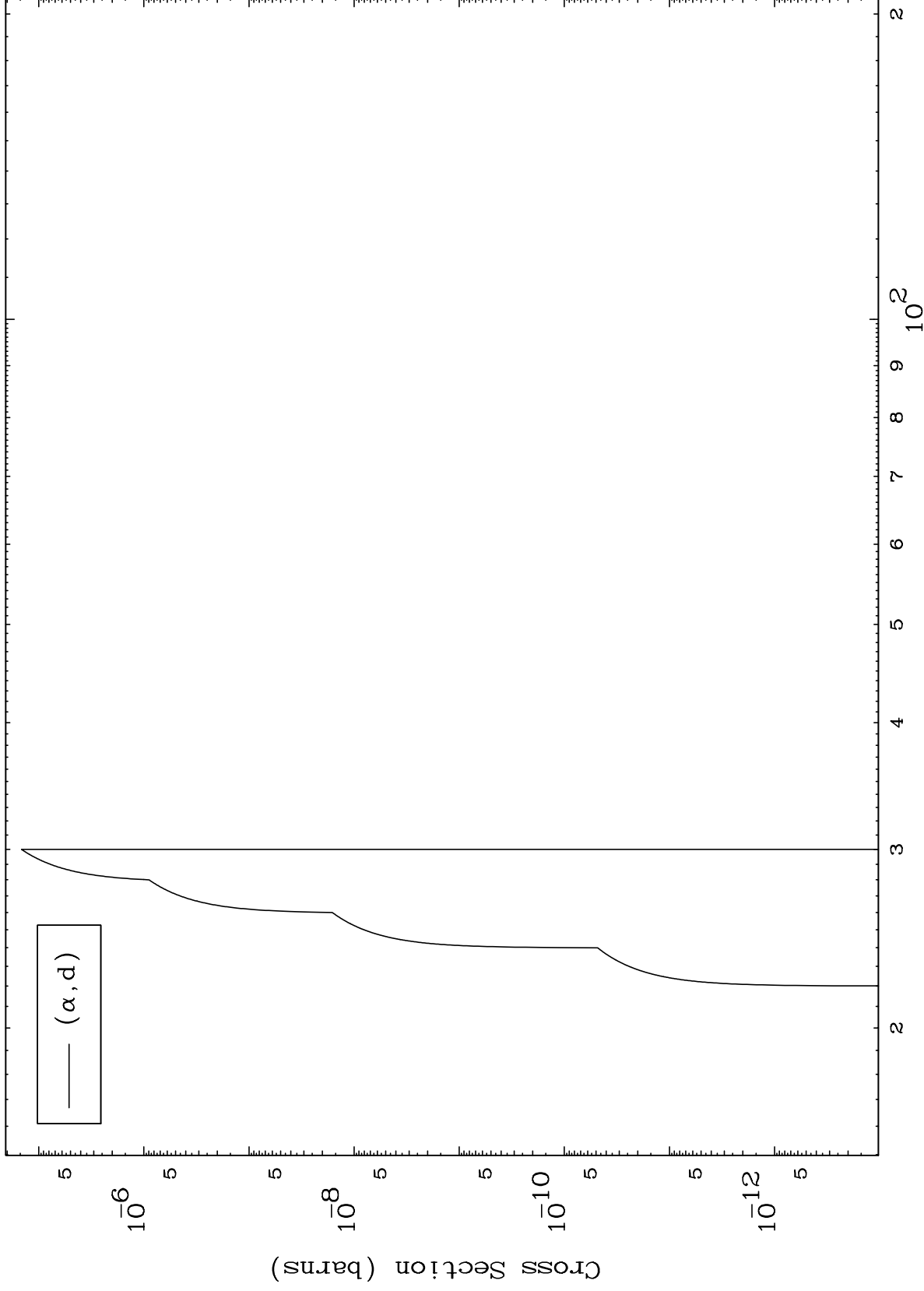
Incident Energy (MeV)

103-Lr-254

MAT 9983

(α, d) Levels
0 Kelvin Cross Sections

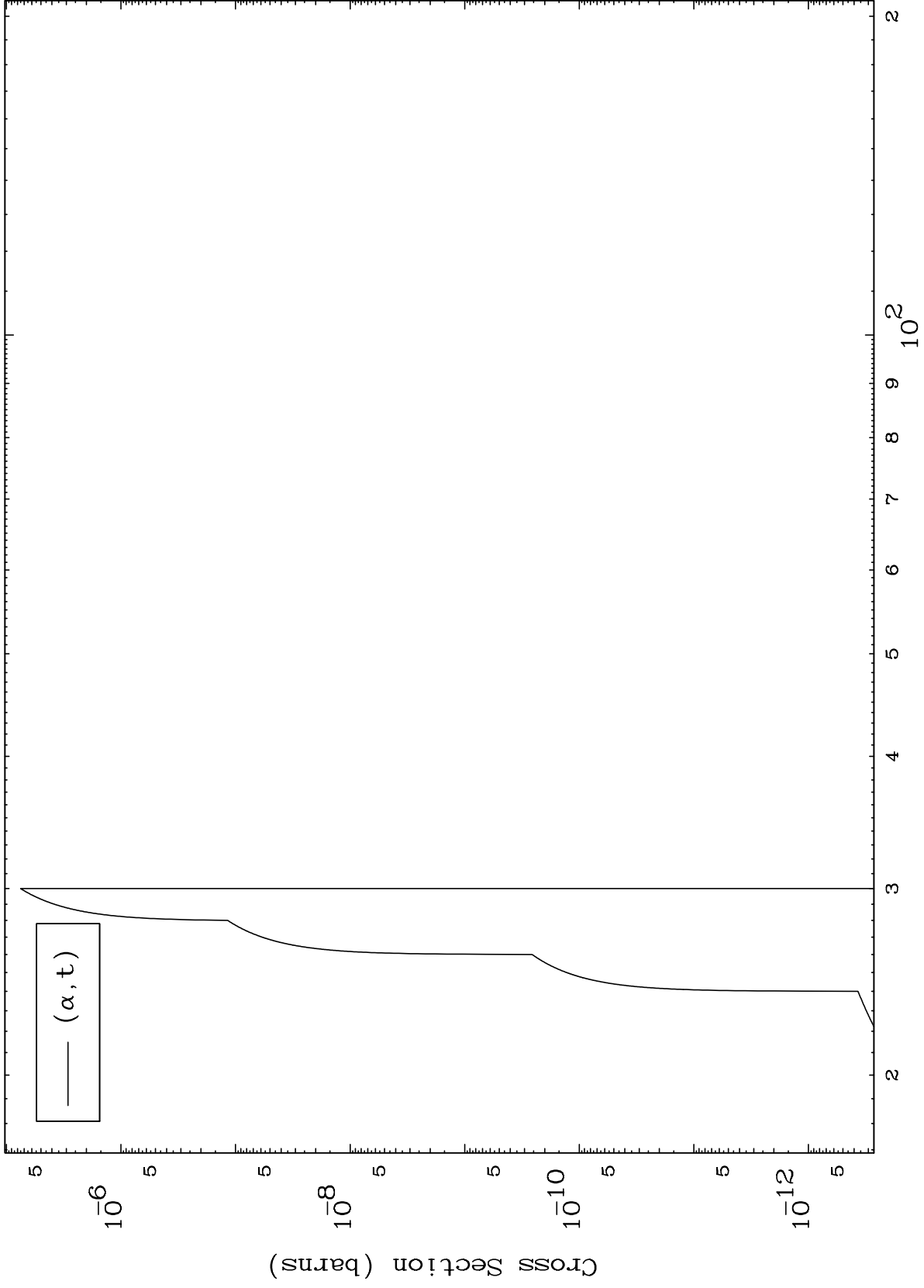
103-Lr-254

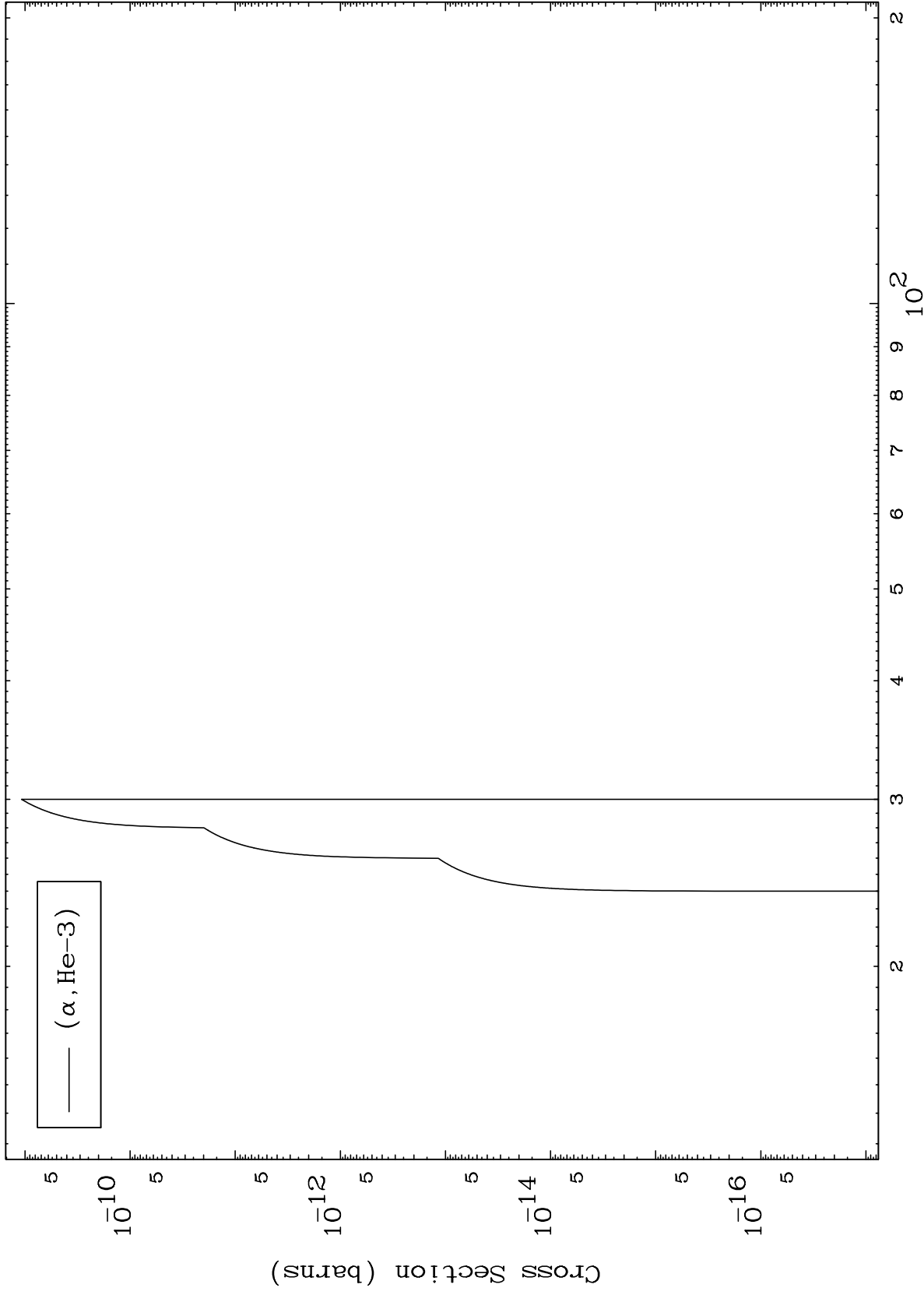


6

Incident Energy (MeV)

103-Lr-254



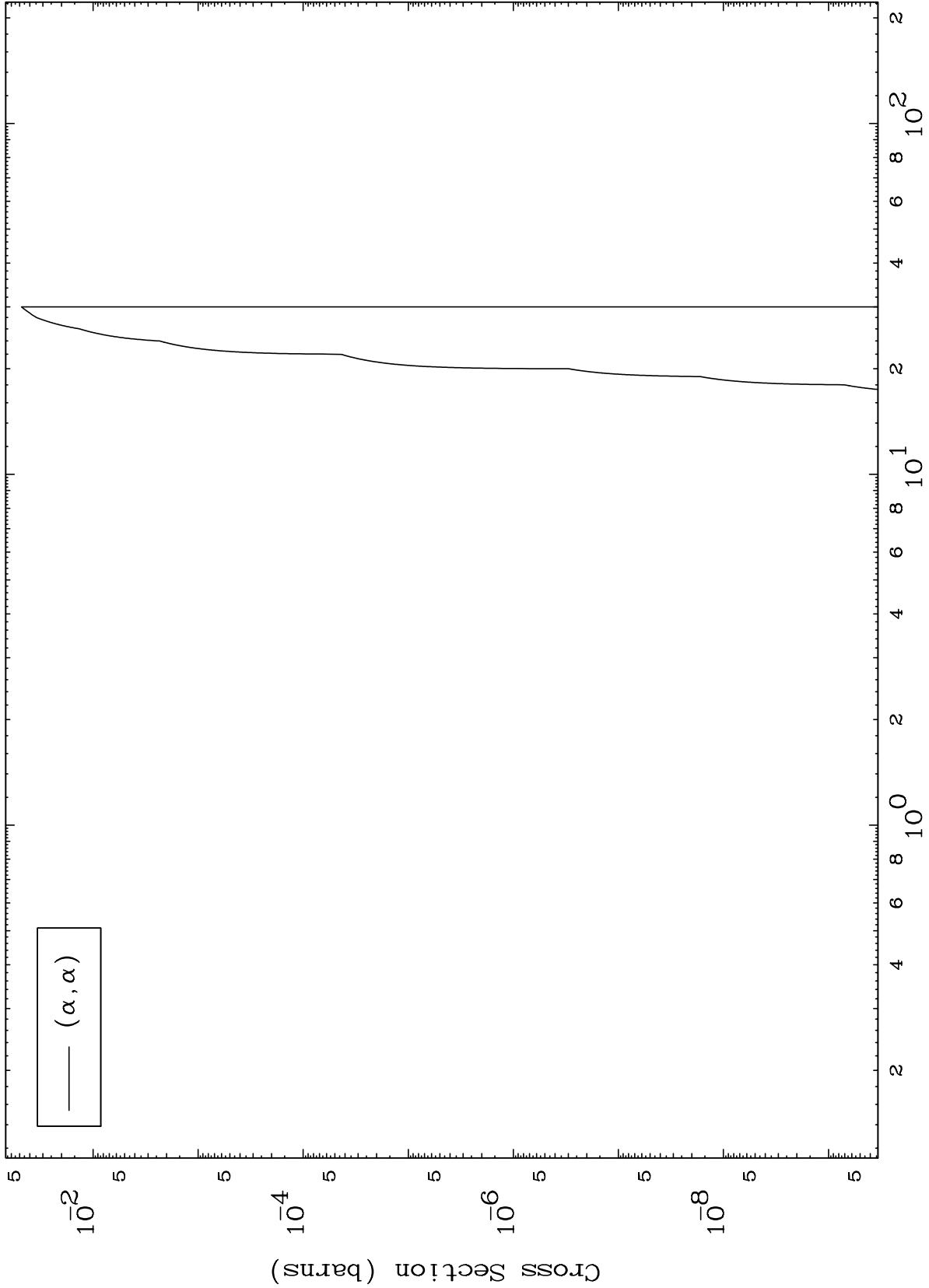


MAT 9983

(α, α) Levels

103-Lr-254

0 Kelvin Cross Sections

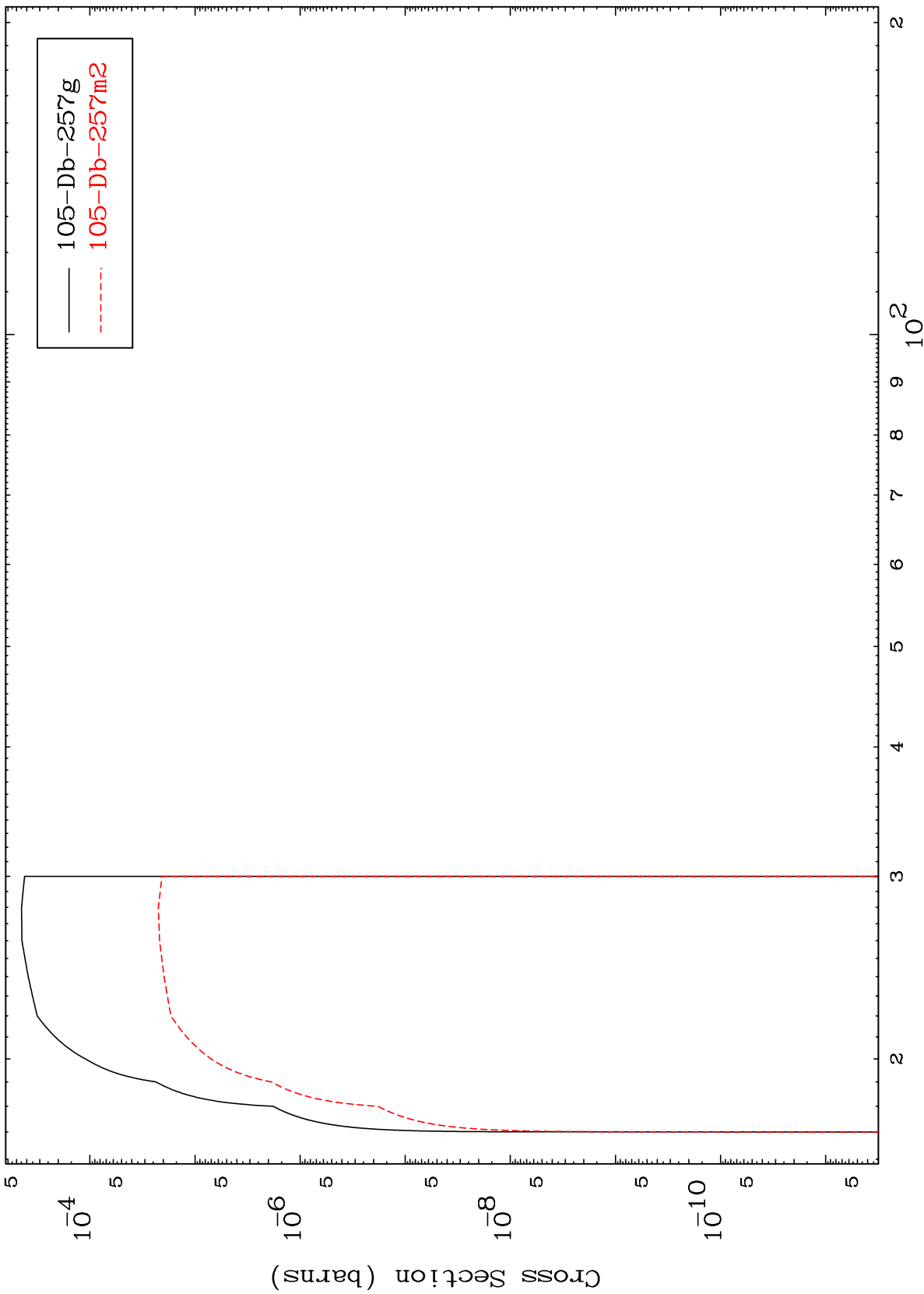


MAT 9983

103-Lr-254

Radionuclide Production Cross Section

α Inelastic



10

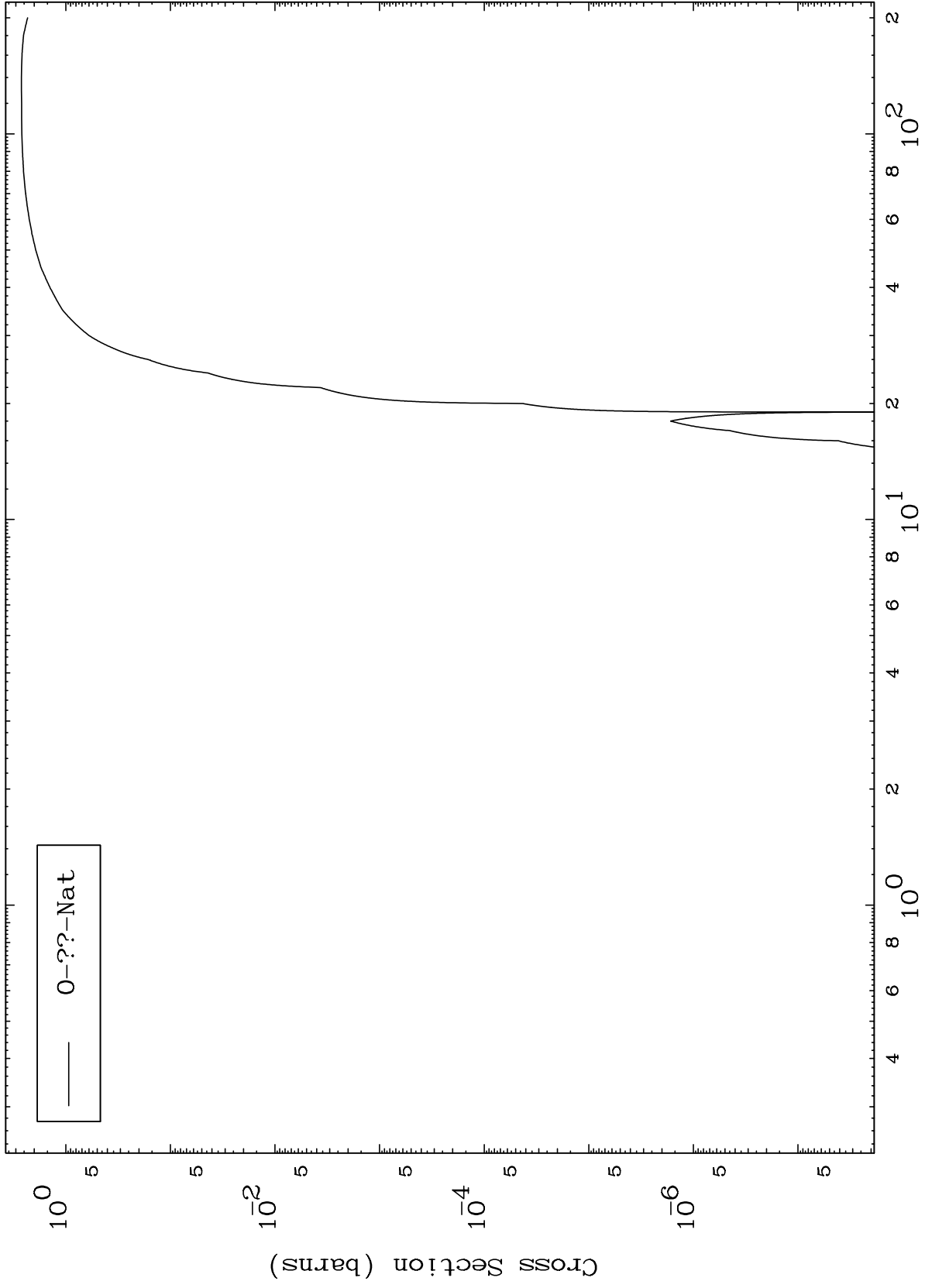
Incident Energy (MeV)

103-Lr-254

MAT 9983

103-Lr-254

α Fission
Radionuclide Production Cross Section

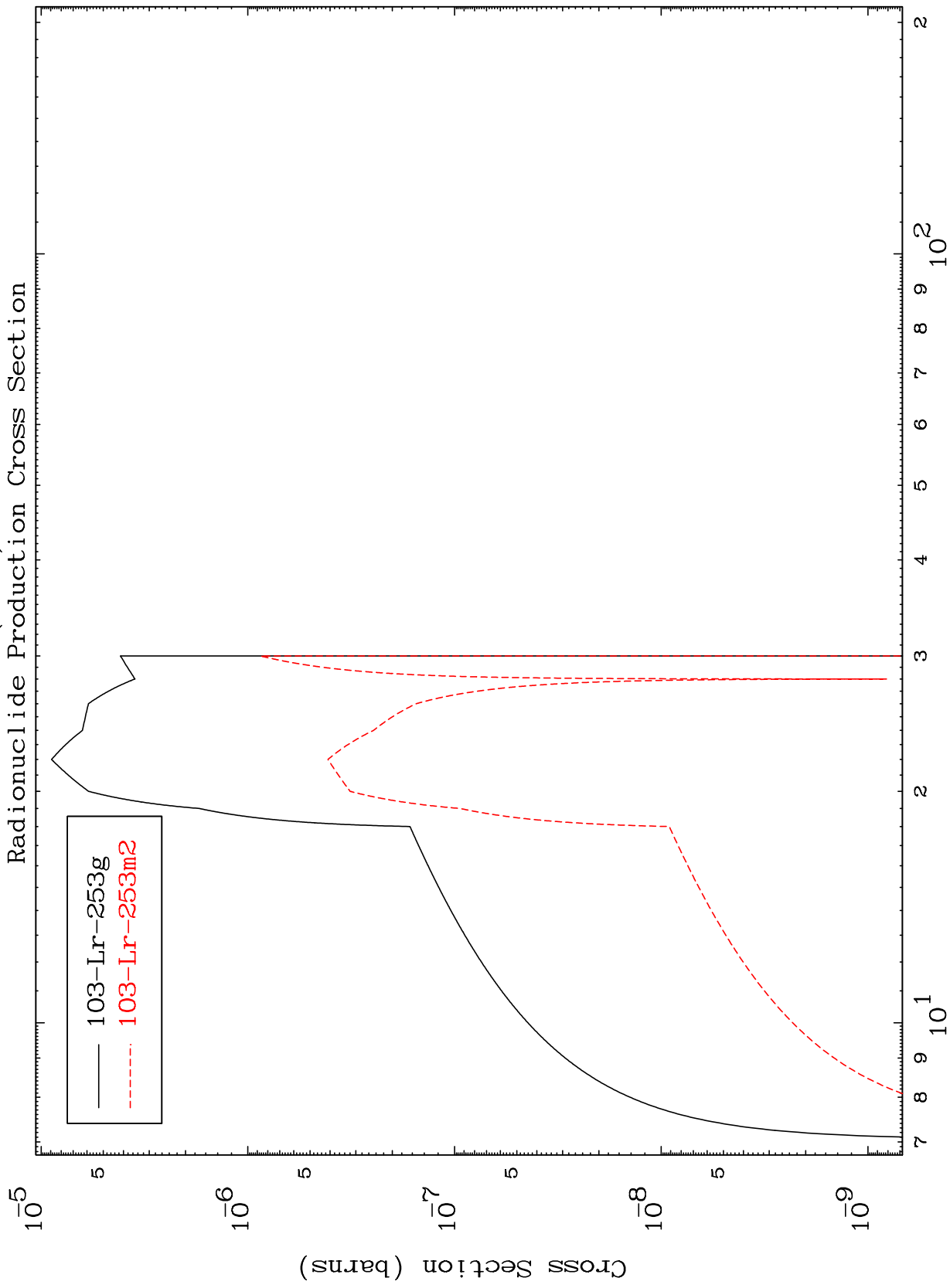


MAT 9983

103-Lr-254

(α, n') α

Radionuclide Production Cross Section



12

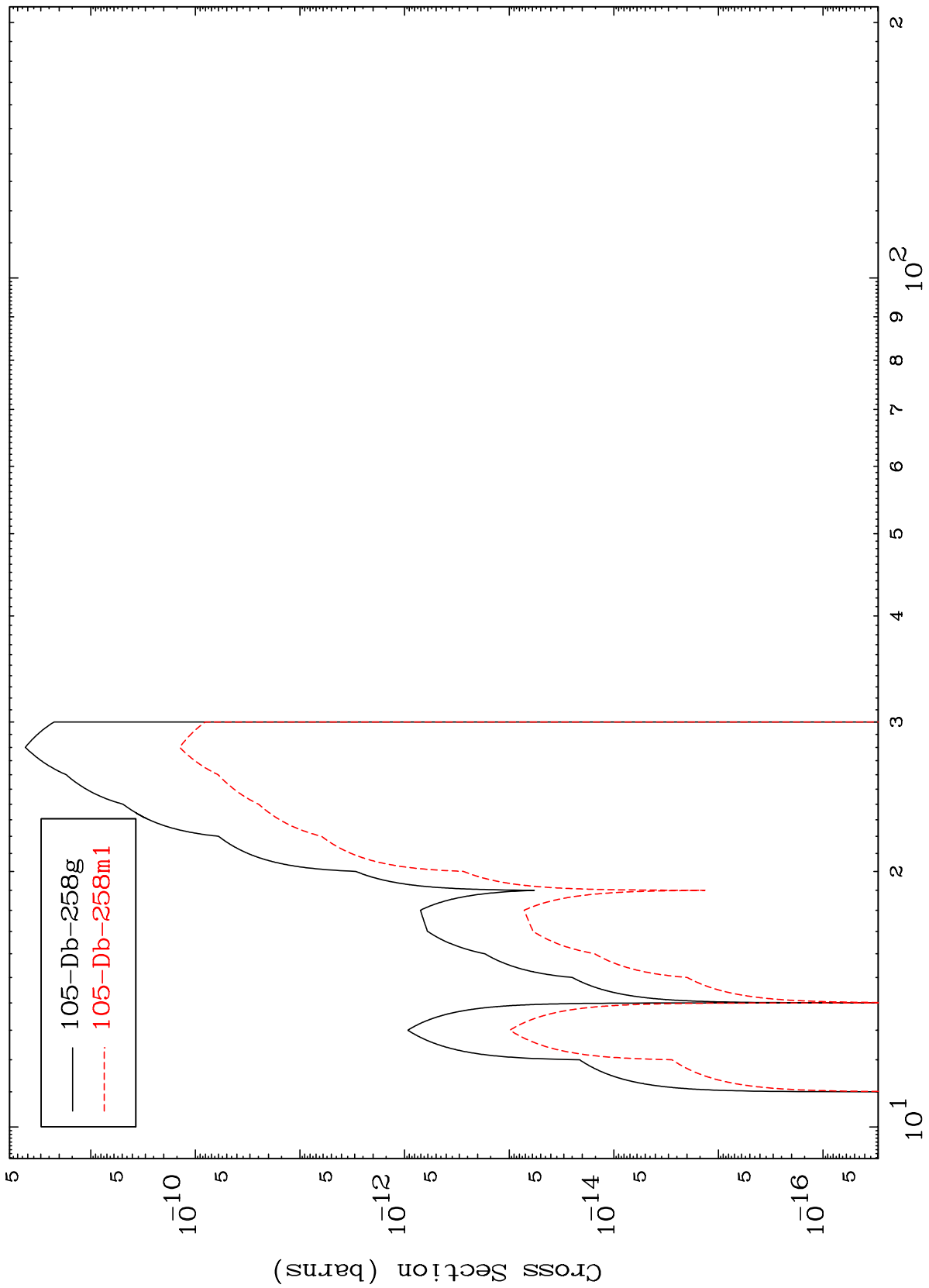
Incident Energy (MeV)

103-Lr-254

MAT 9983

103-Lr-254

(α, γ)
Radionuclide Production Cross Section



103-Lr-254

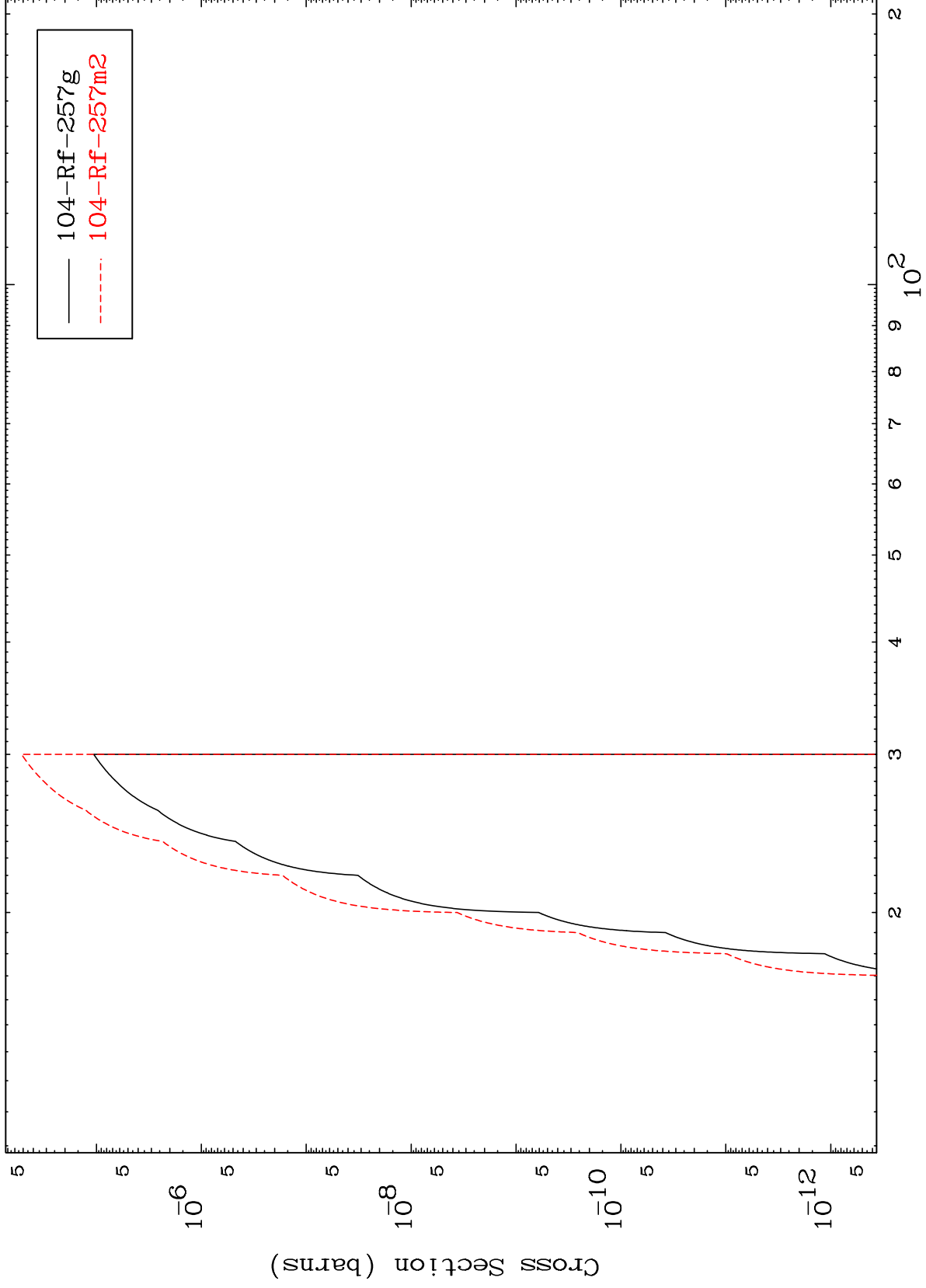
Incident Energy (MeV)

13

MAT 9983

103-Lr-254

(α, p)
Radionuclide Production Cross Section



103-Lr-254

Incident Energy (MeV)

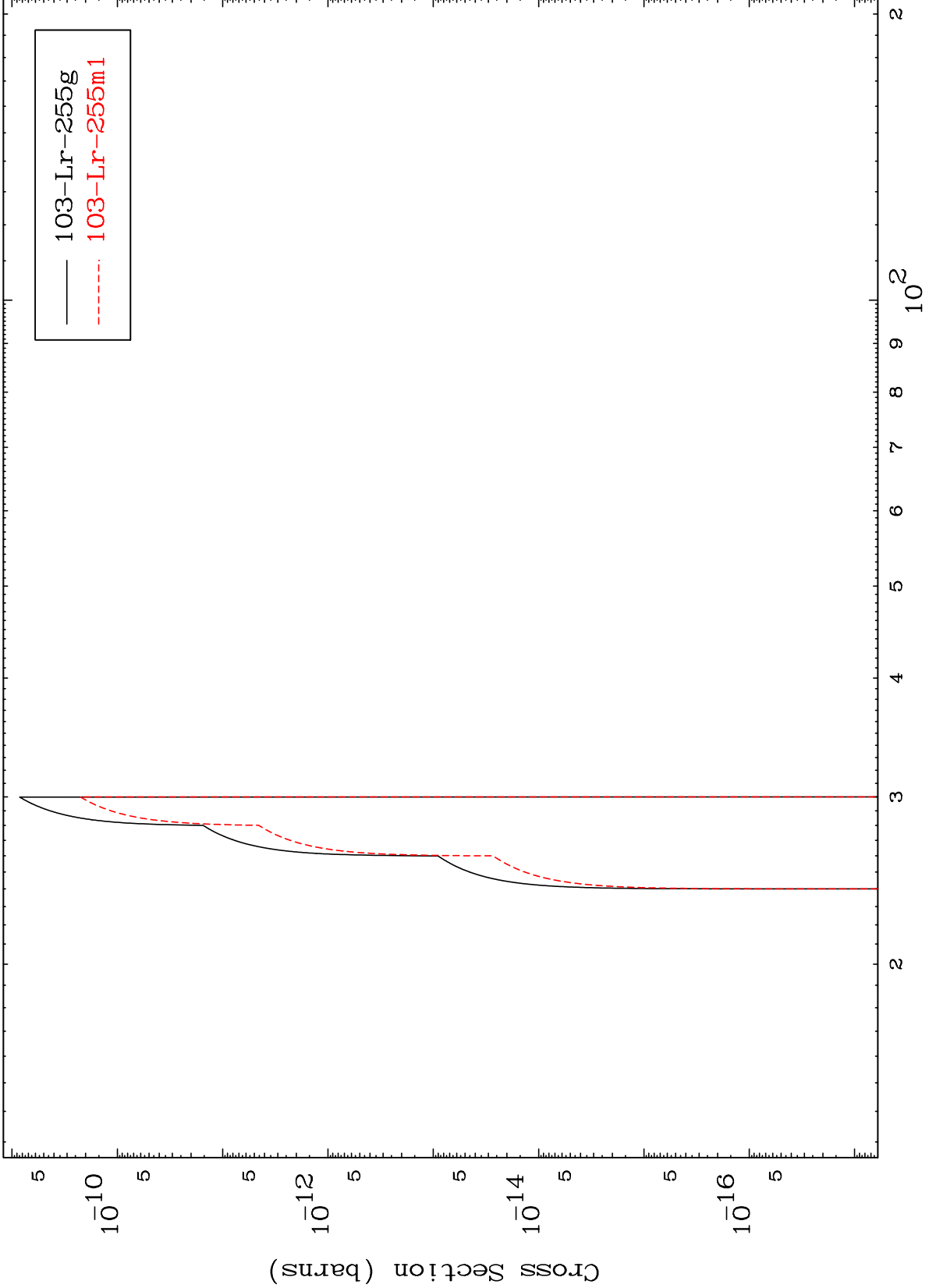
14

MAT 9983

($\alpha, \text{He-3}$)

103-Lr-254

Radionuclide Production Cross Section



15

Incident Energy (MeV)

103-Lr-254