

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

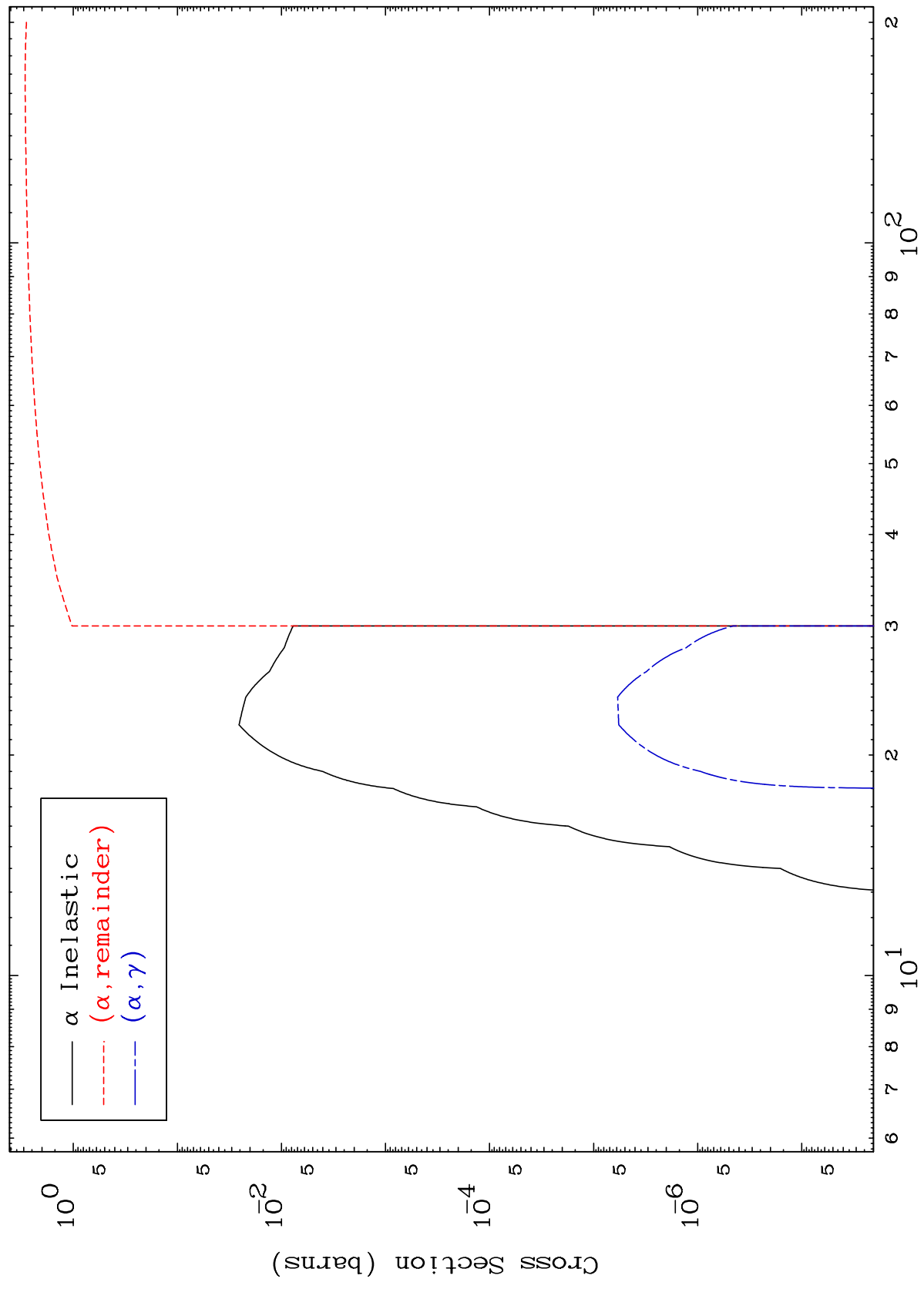
Press Mouse Button to Start

MAT 8752

0 Kelvin

α Major Cross Sections

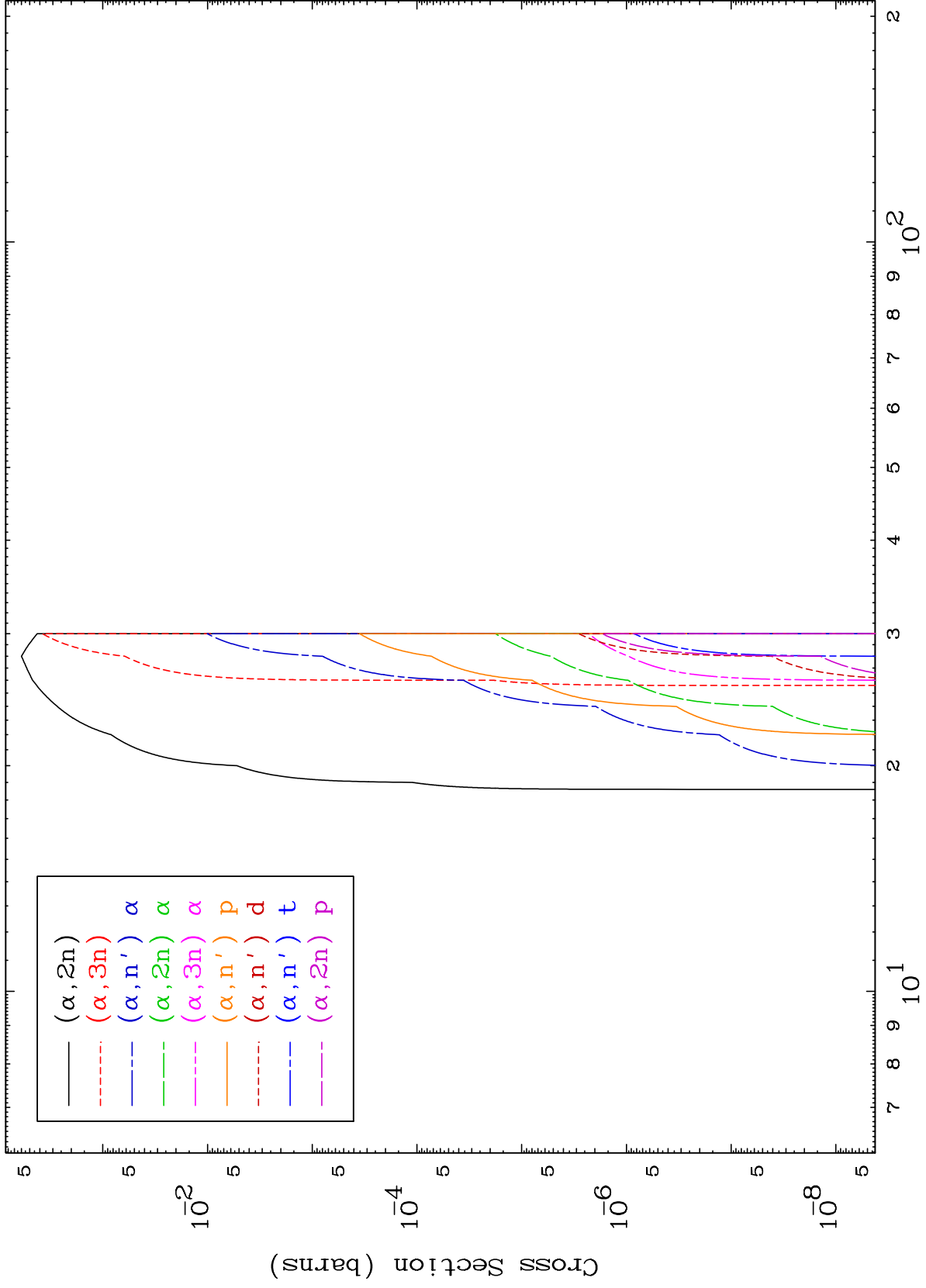
87-Fr-221



MAT 8752

α Neutron Production
0 Kelvin Cross Sections

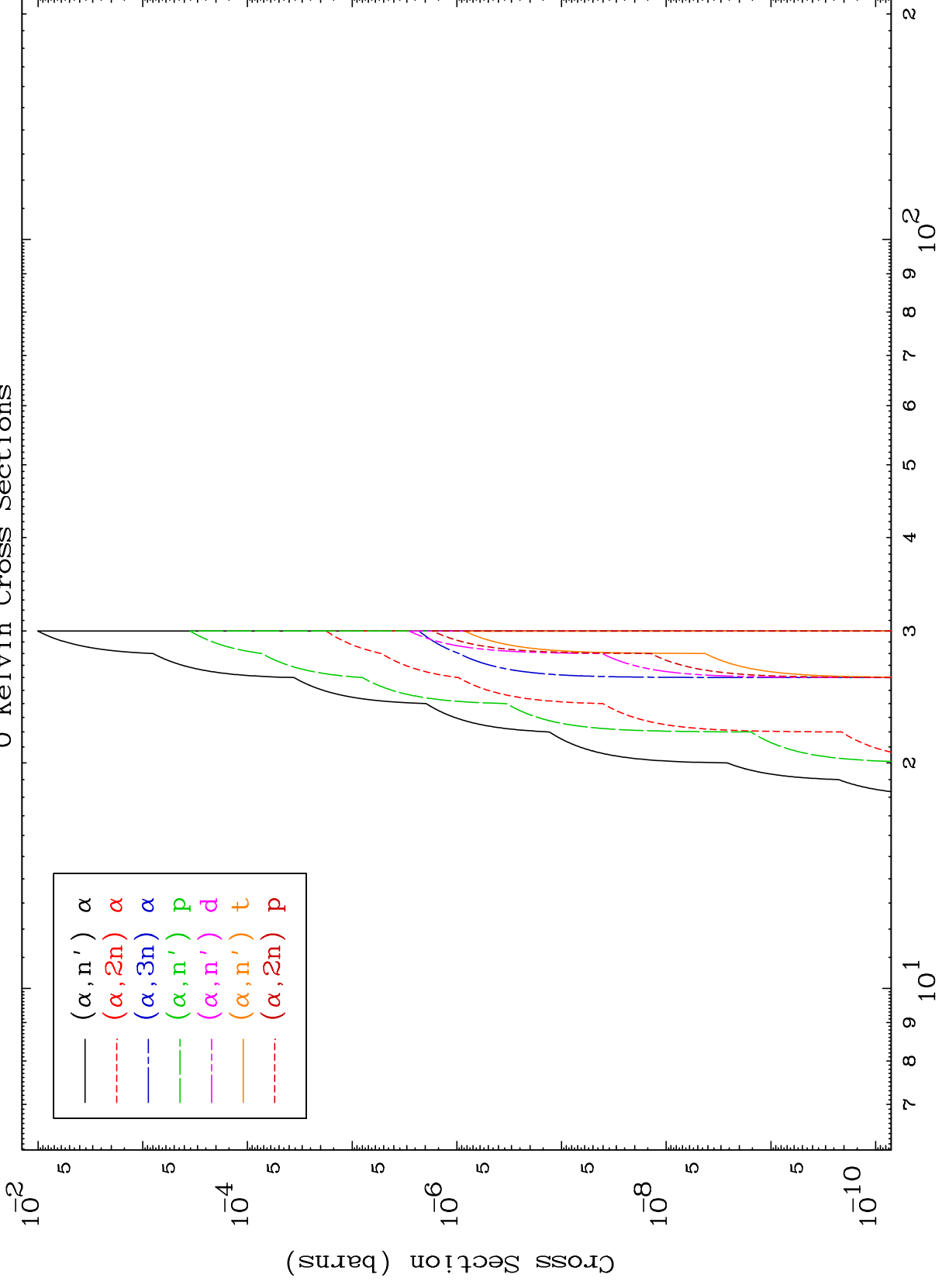
87-Fr-221



2

Incident Energy (MeV)

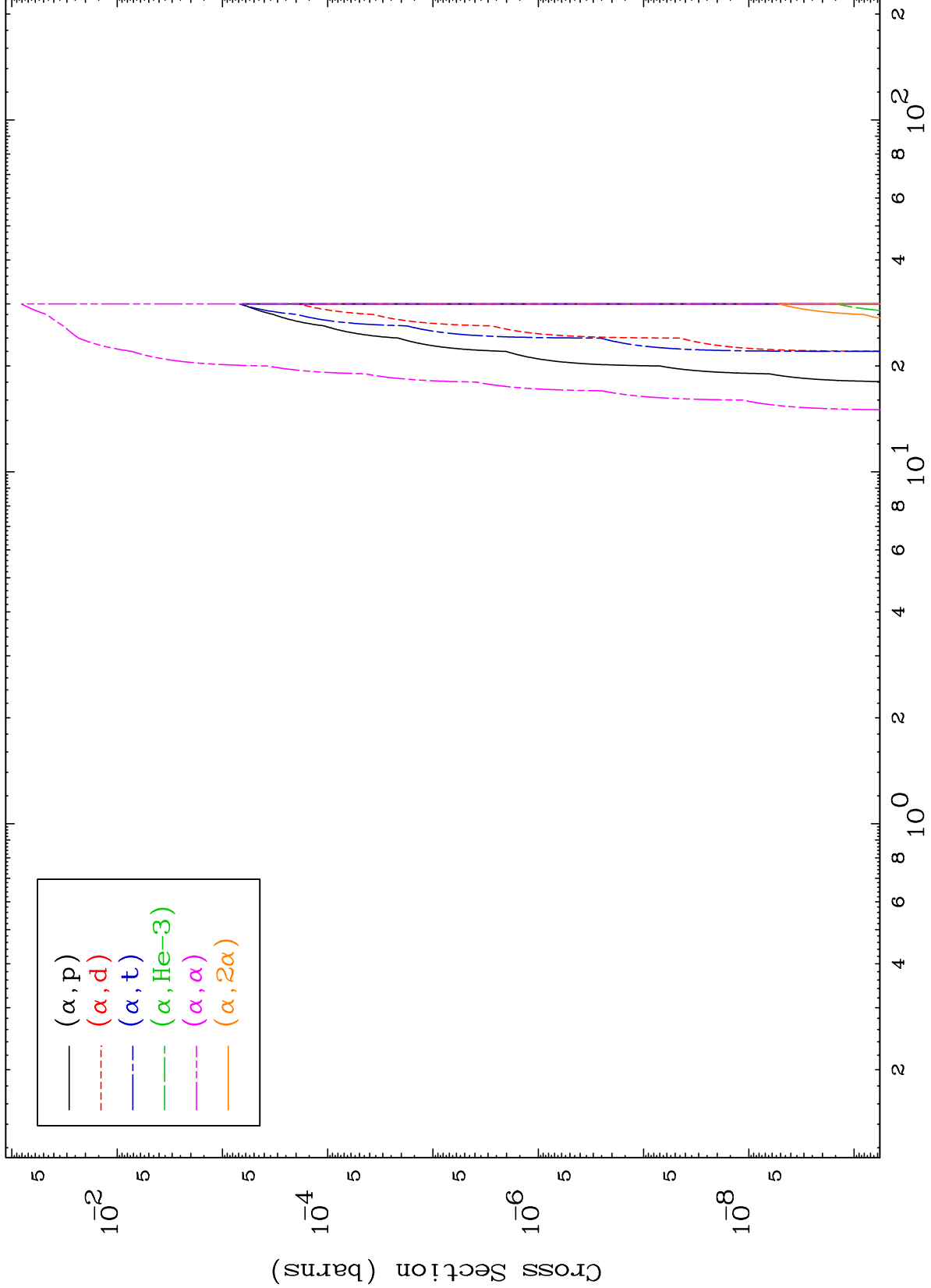
87-Fr-221



MAT 8752

α Charged Particle
0 Kelvin Cross Sections

87-Fr-221

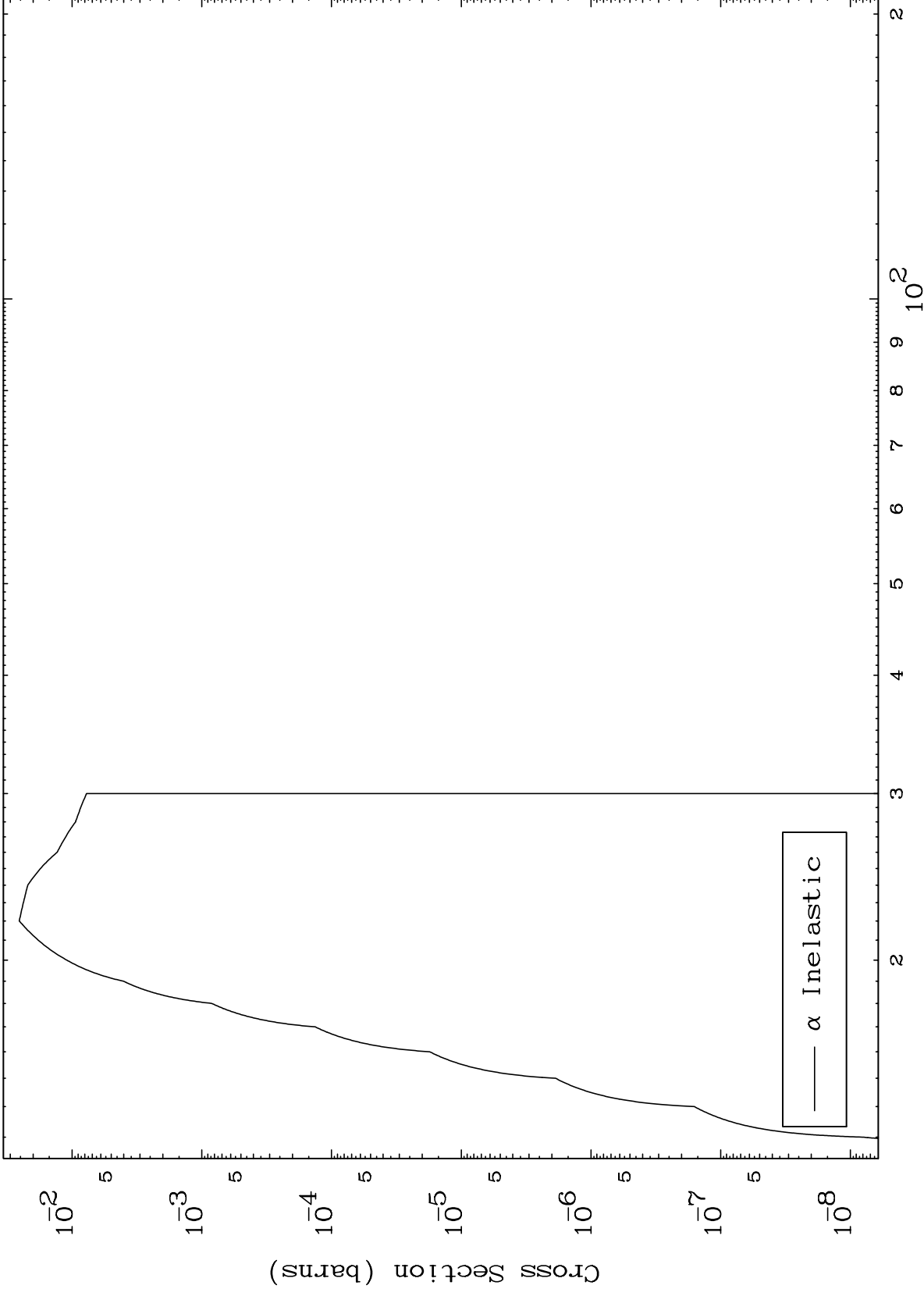


MAT 8752

(α, n') Level

87-Fr-221

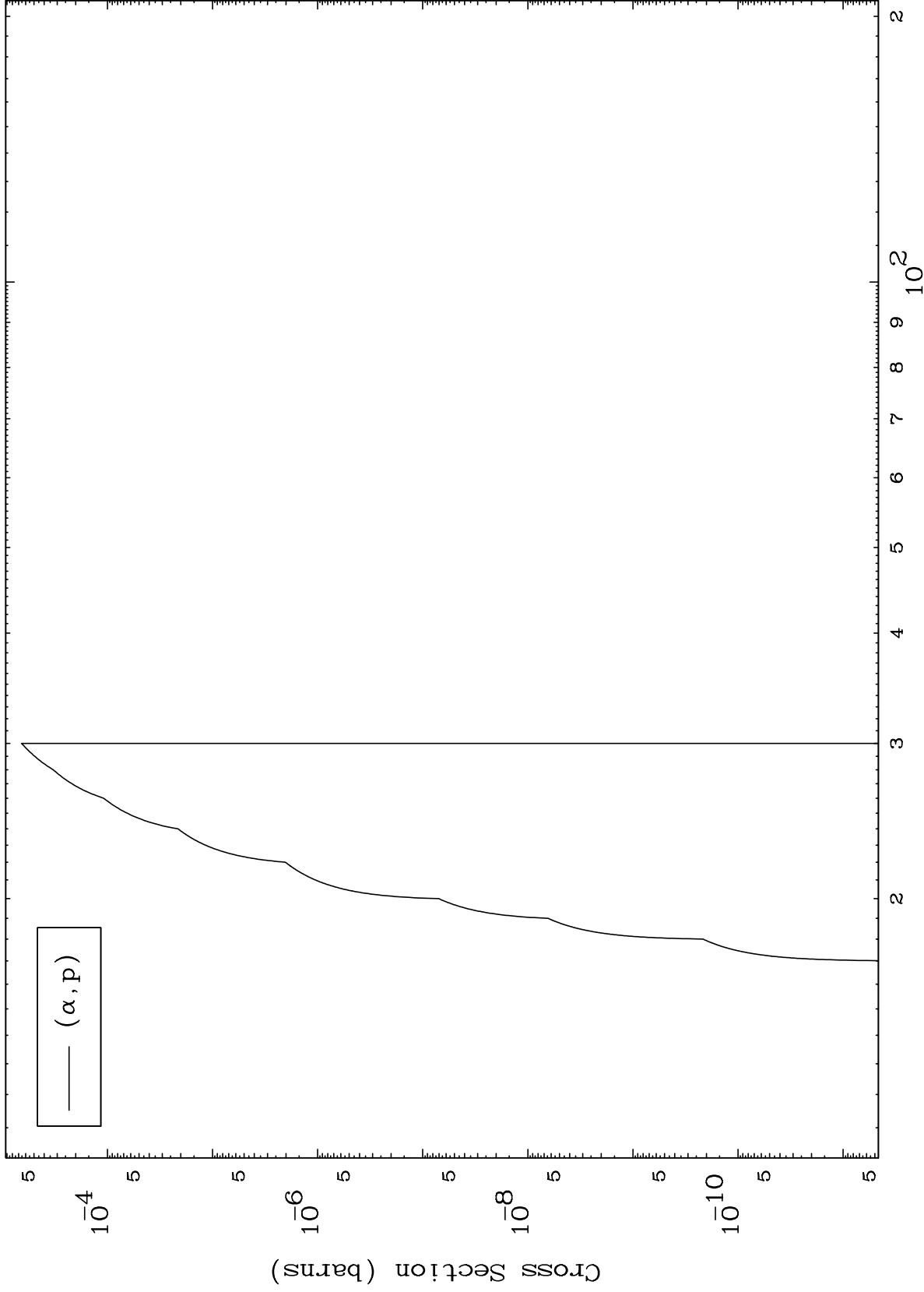
0 Kelvin Cross Sections



5

Incident Energy (MeV)

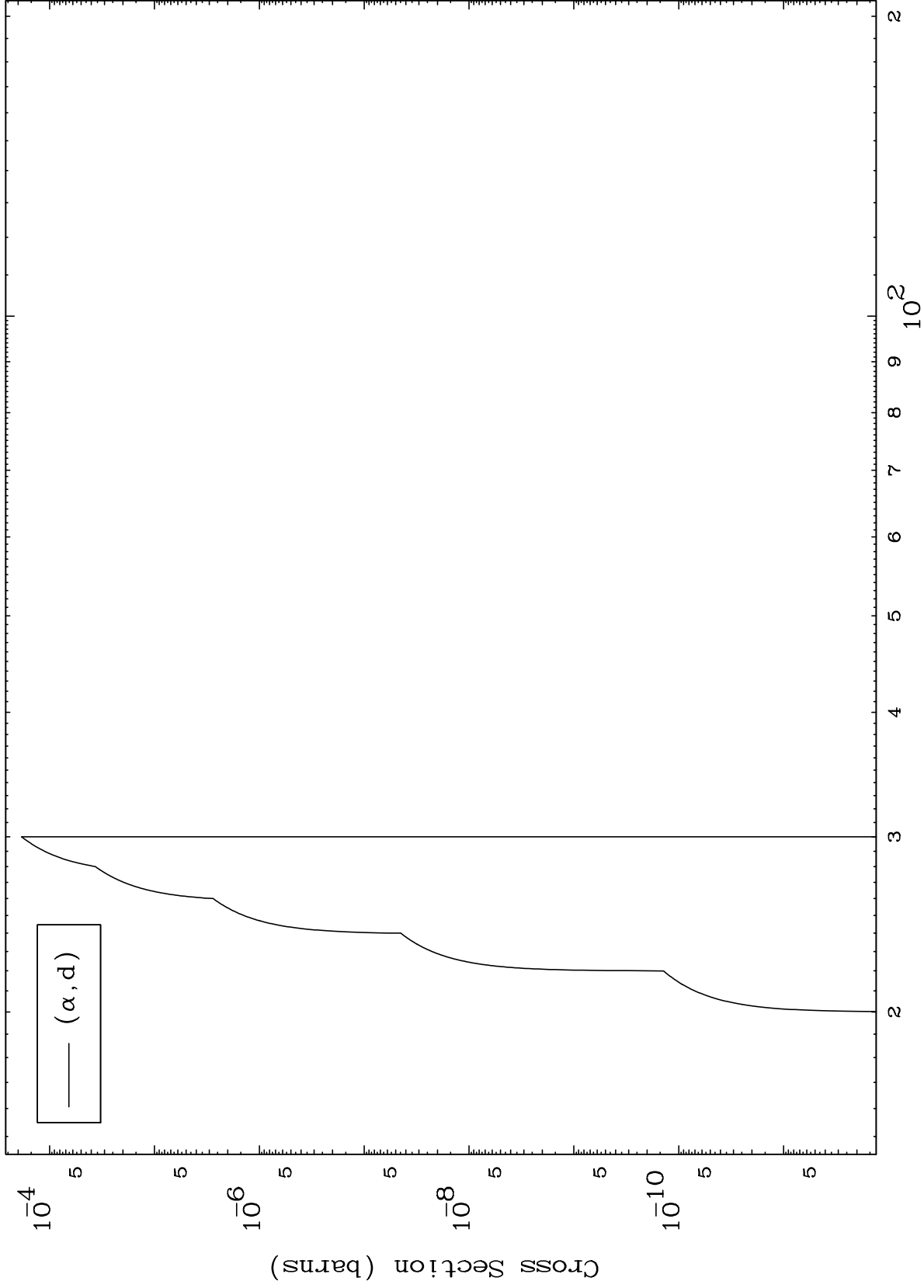
87-Fr-221



MAT 8752

(α, d) Levels
0 Kelvin Cross Sections

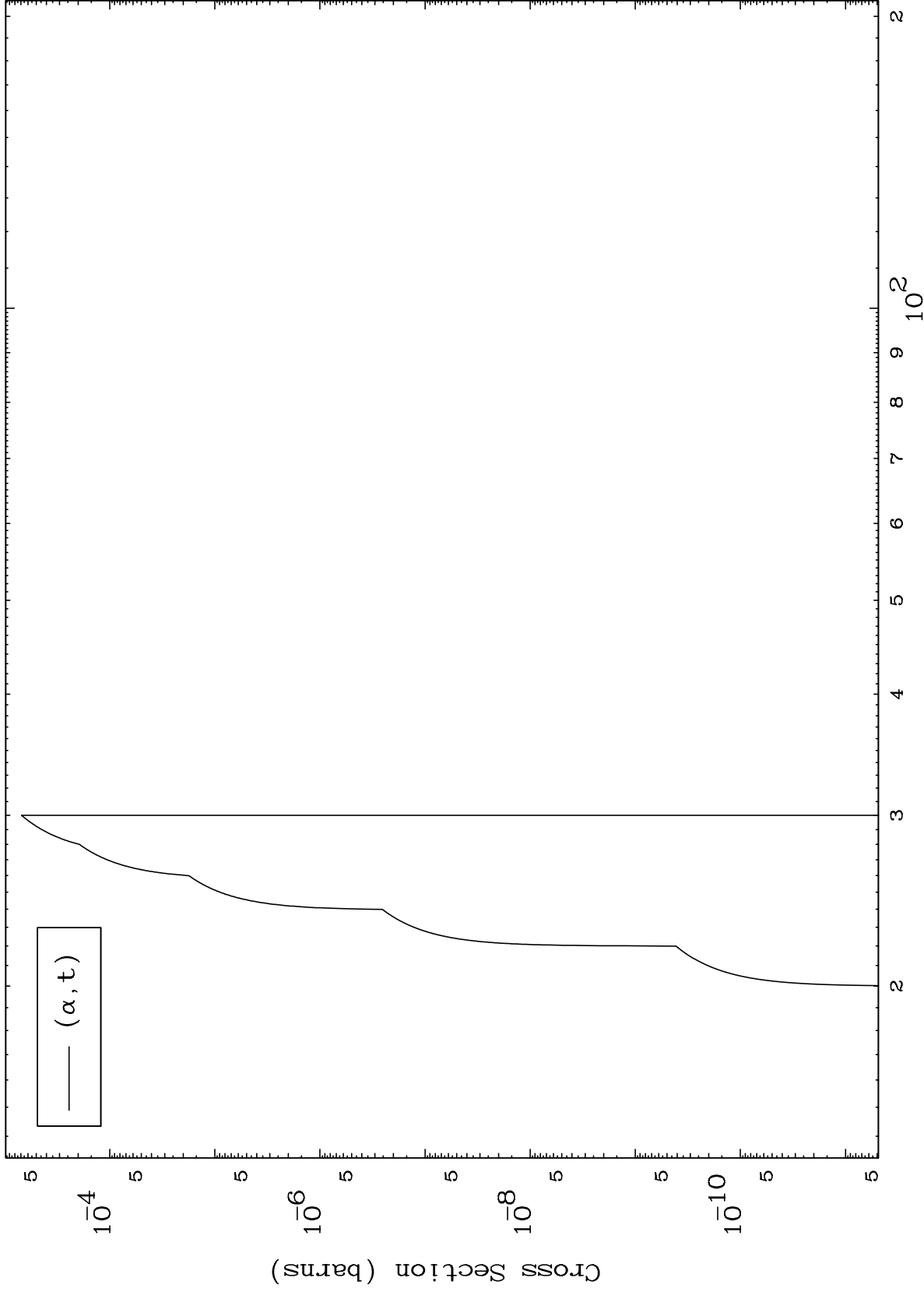
87-Fr-221

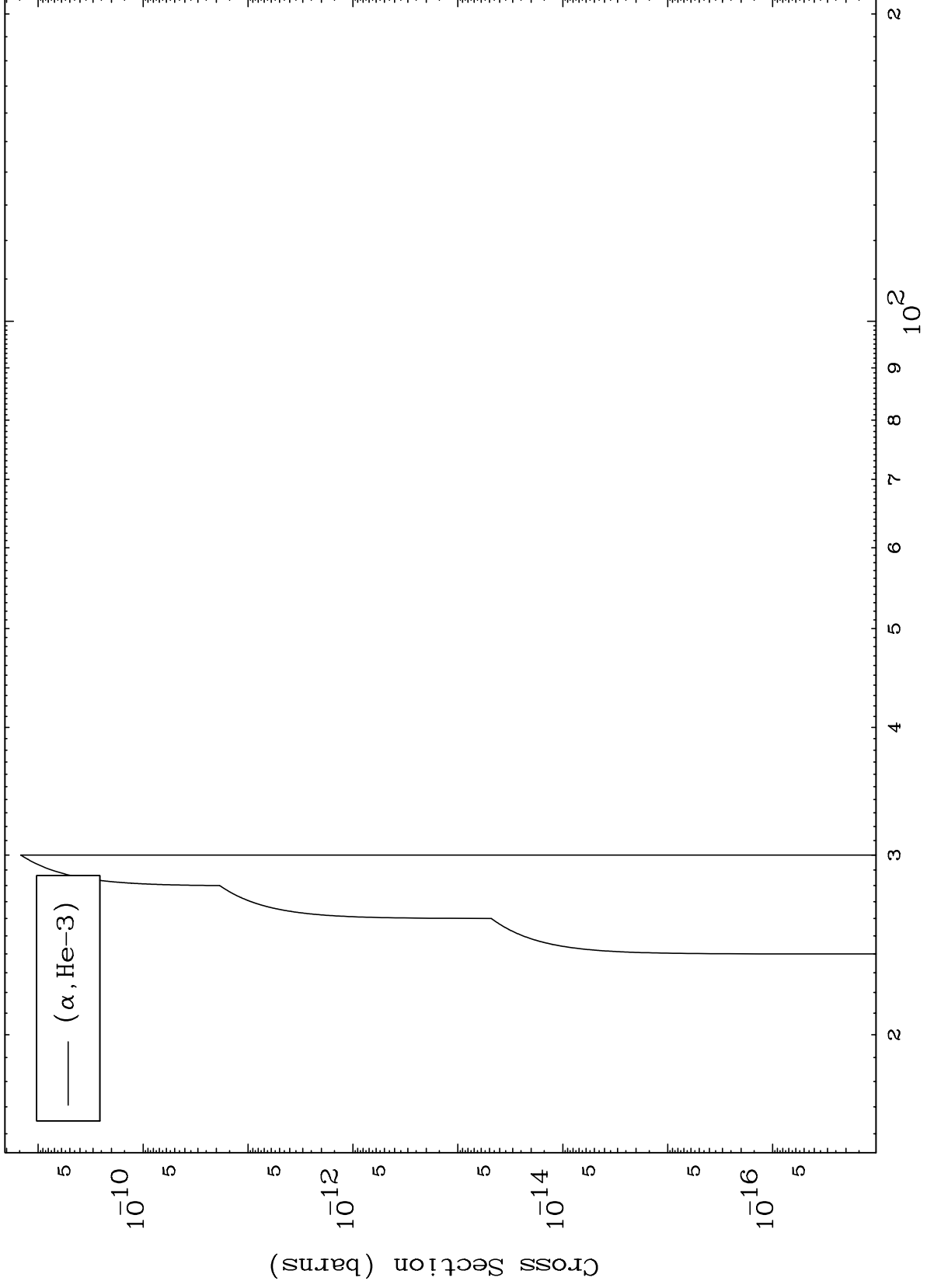


7

Incident Energy (MeV)

87-Fr-221



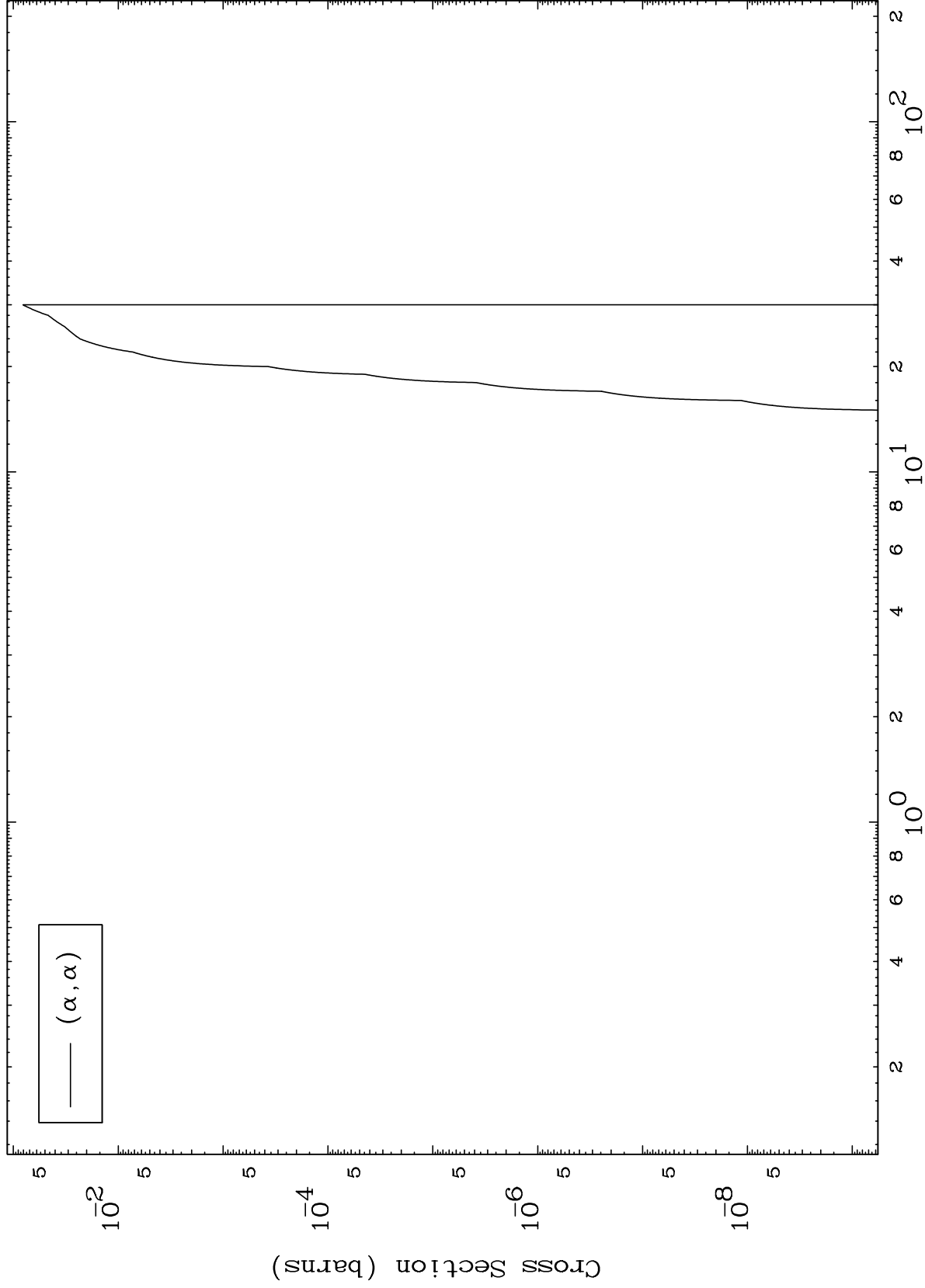


MAT 8752

(α, α) Levels

87-Fr-221

0 Kelvin Cross Sections



10

Incident Energy (MeV)

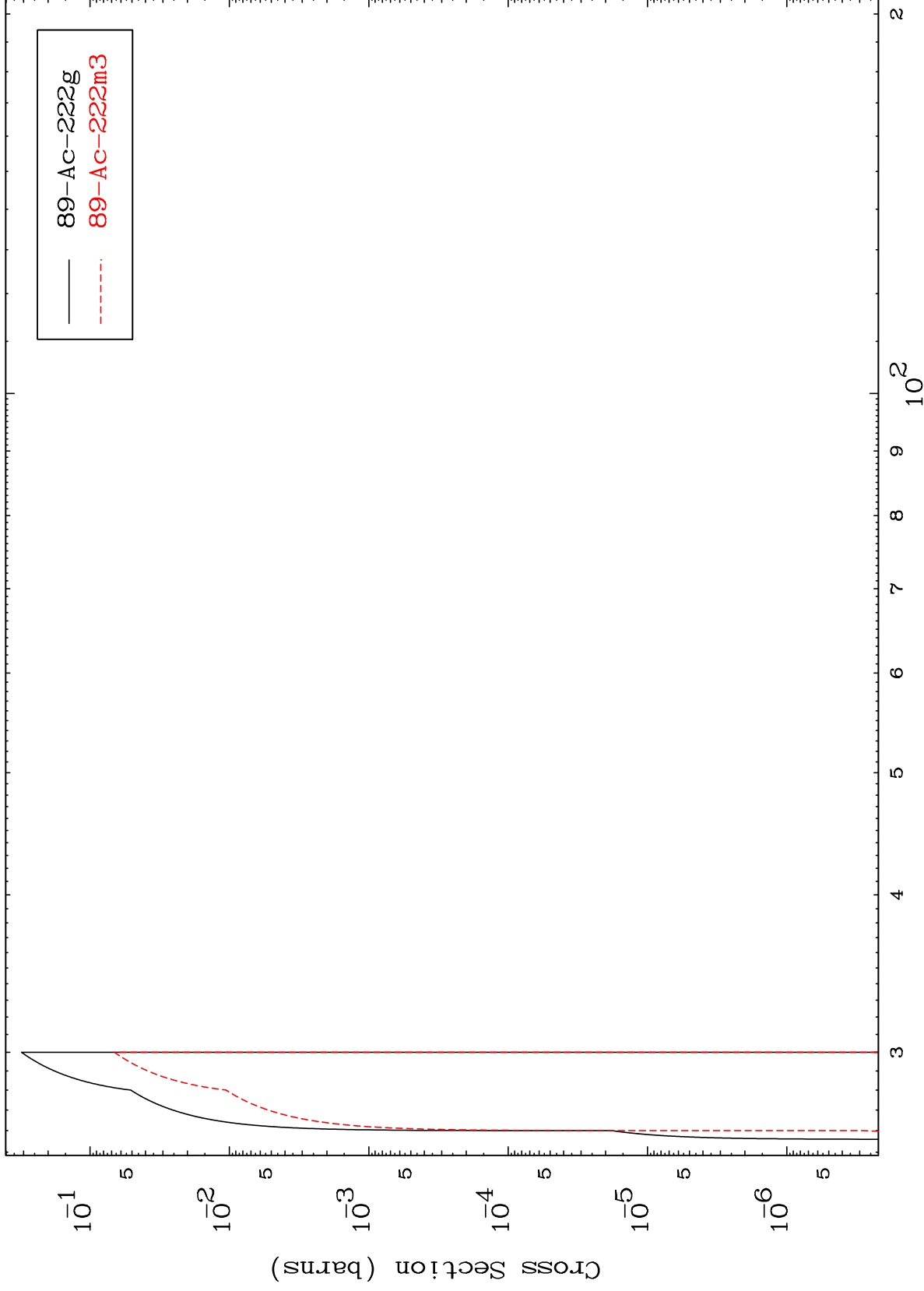
87-Fr-221

MAT 8752

($\alpha, 3n$)

87-Fr-221

Radionuclide Production Cross Section



89-Ac-222g
89-Ac-222m3

11

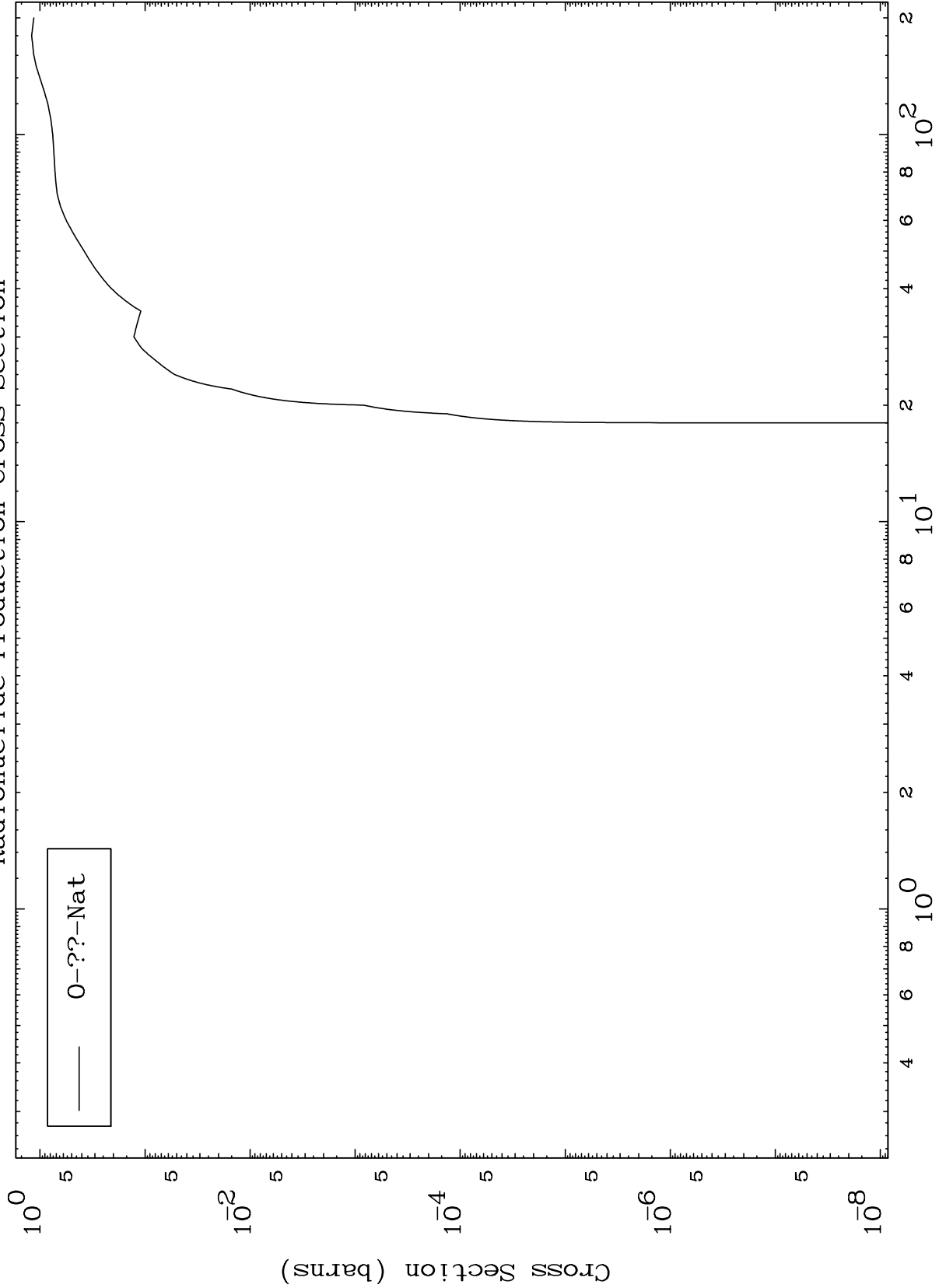
Incident Energy (MeV)

87-Fr-221

MAT 8752

87-Fr-221

α Fission
Radionuclide Production Cross Section



12

87-Fr-221

Incident Energy (MeV)