

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

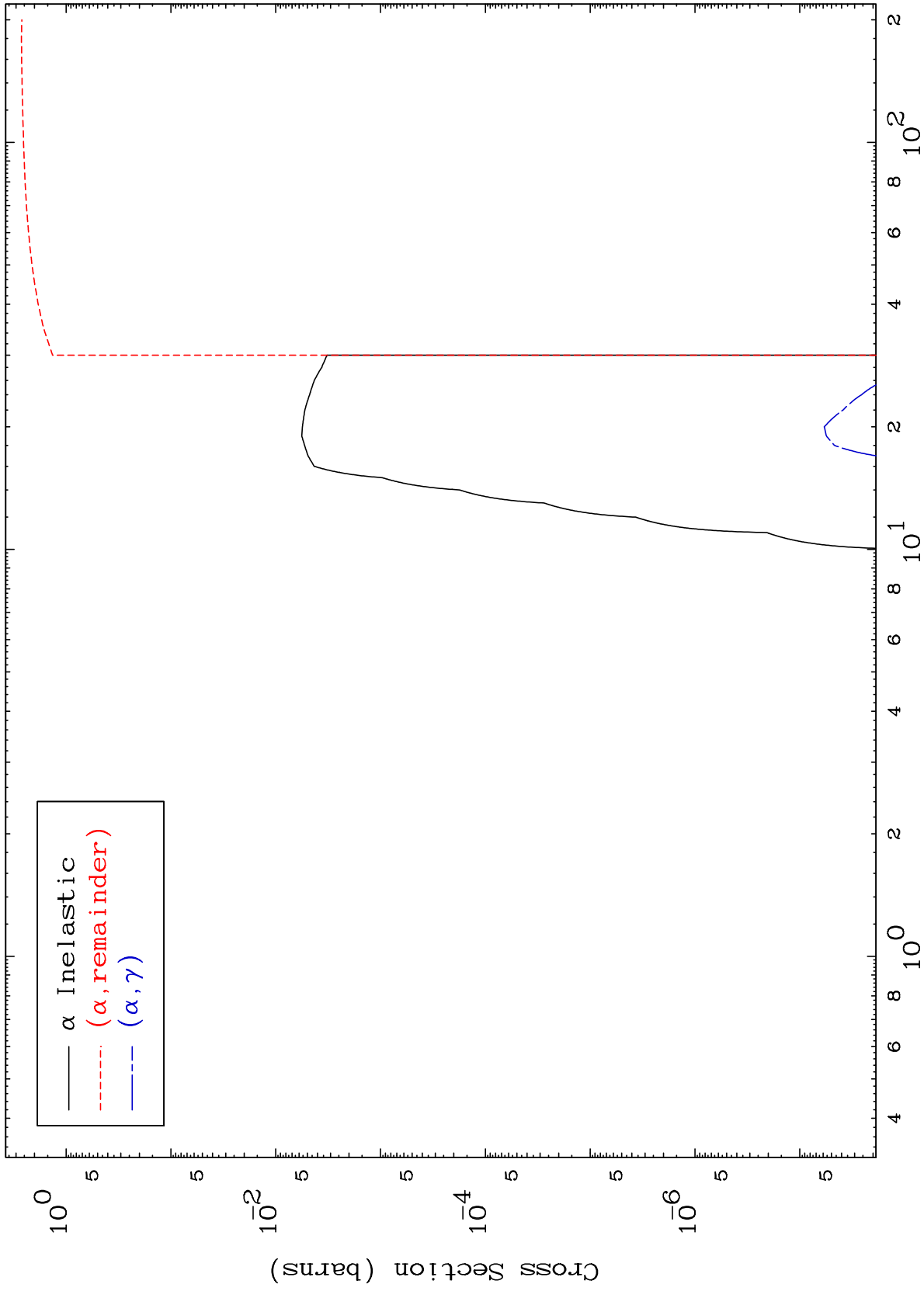
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7064

0 Kelvin α Major
Cross Sections

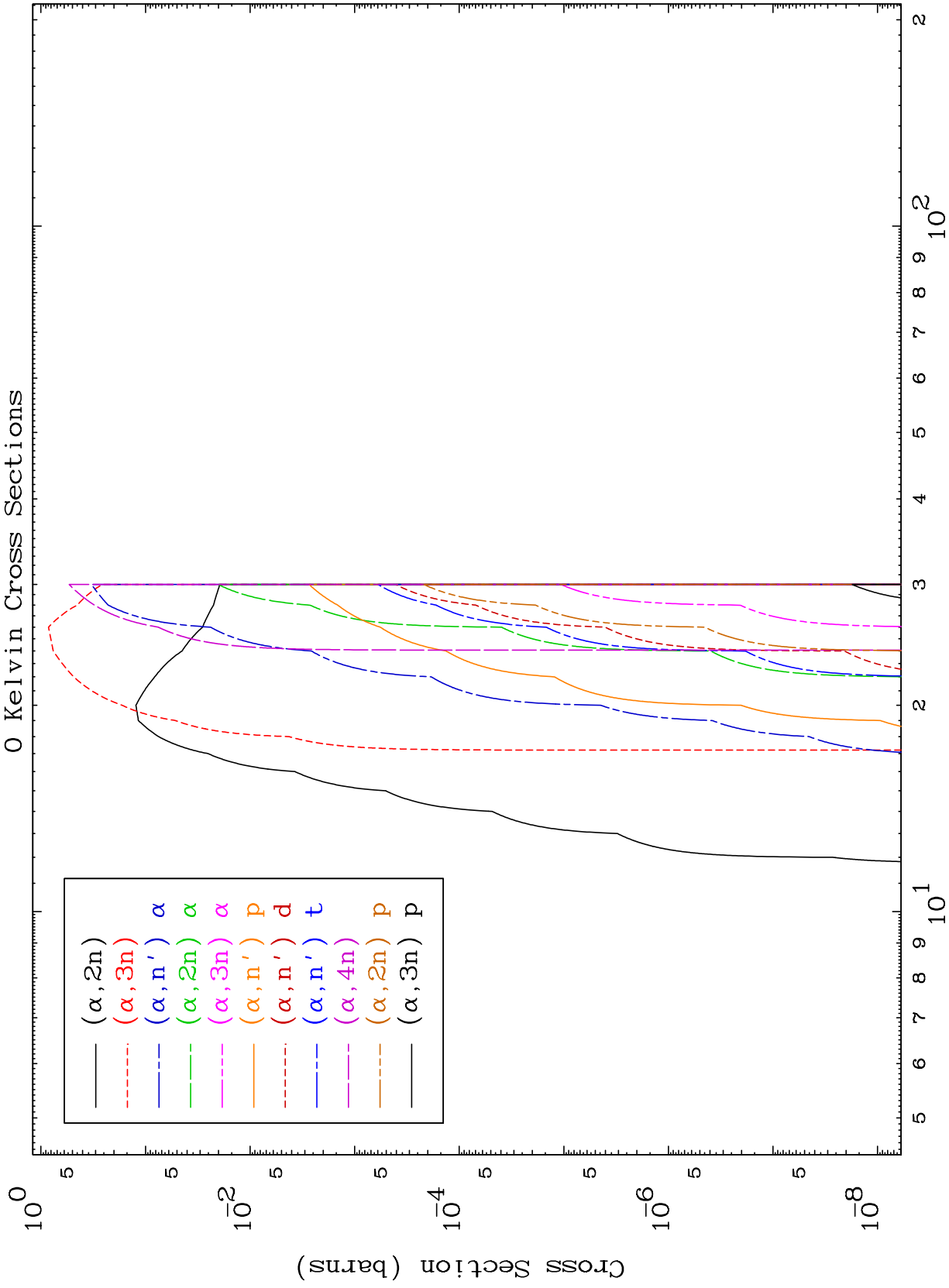
70-Yb-181



MAT 7064

α Neutron Production
0 Kelvin Cross Sections

70-Yb-181



2

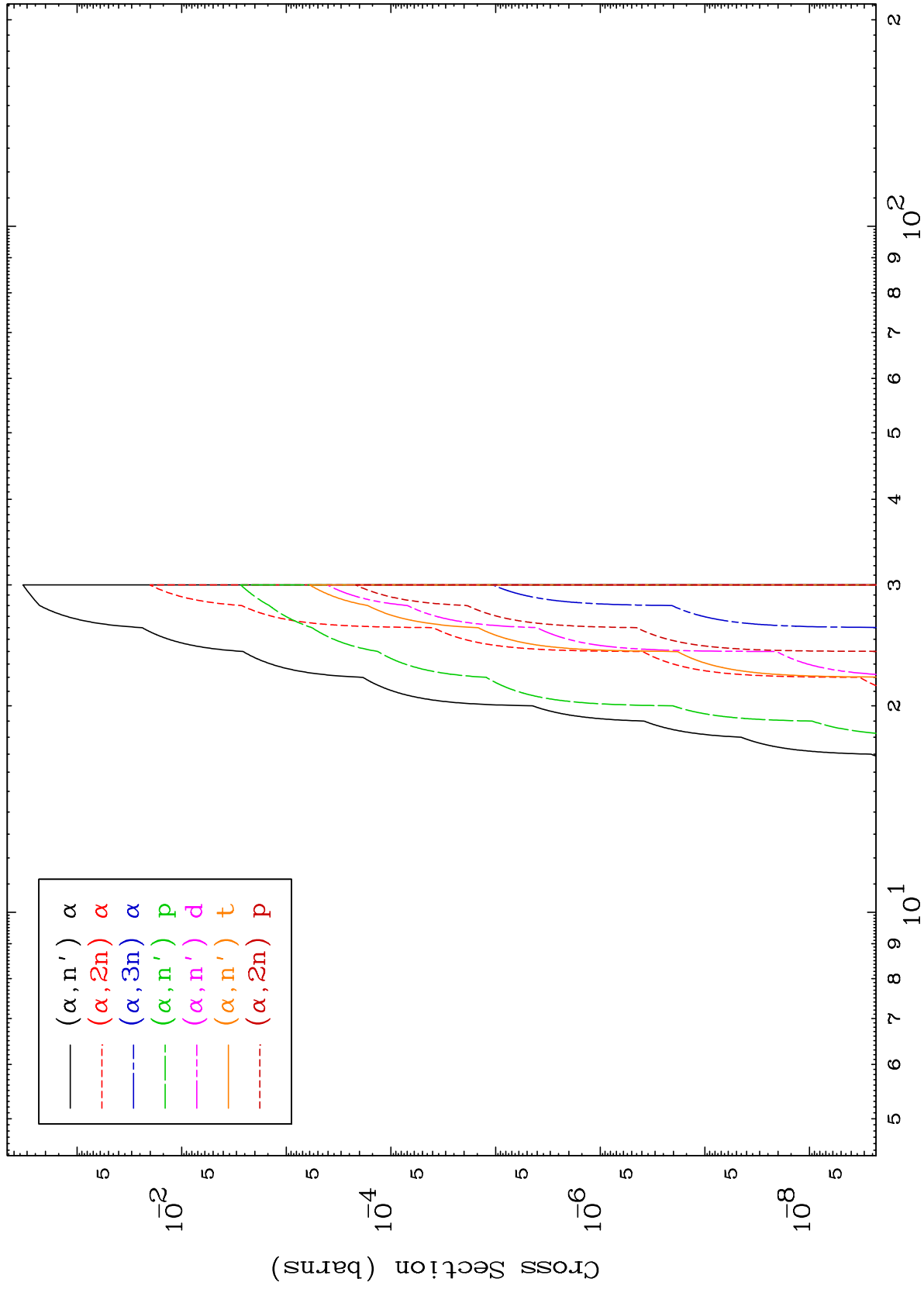
Incident Energy (MeV)

70-Yb-181

MAT 7064

α Charged Particle
0 Kelvin Cross Sections

70-Yb-181



3

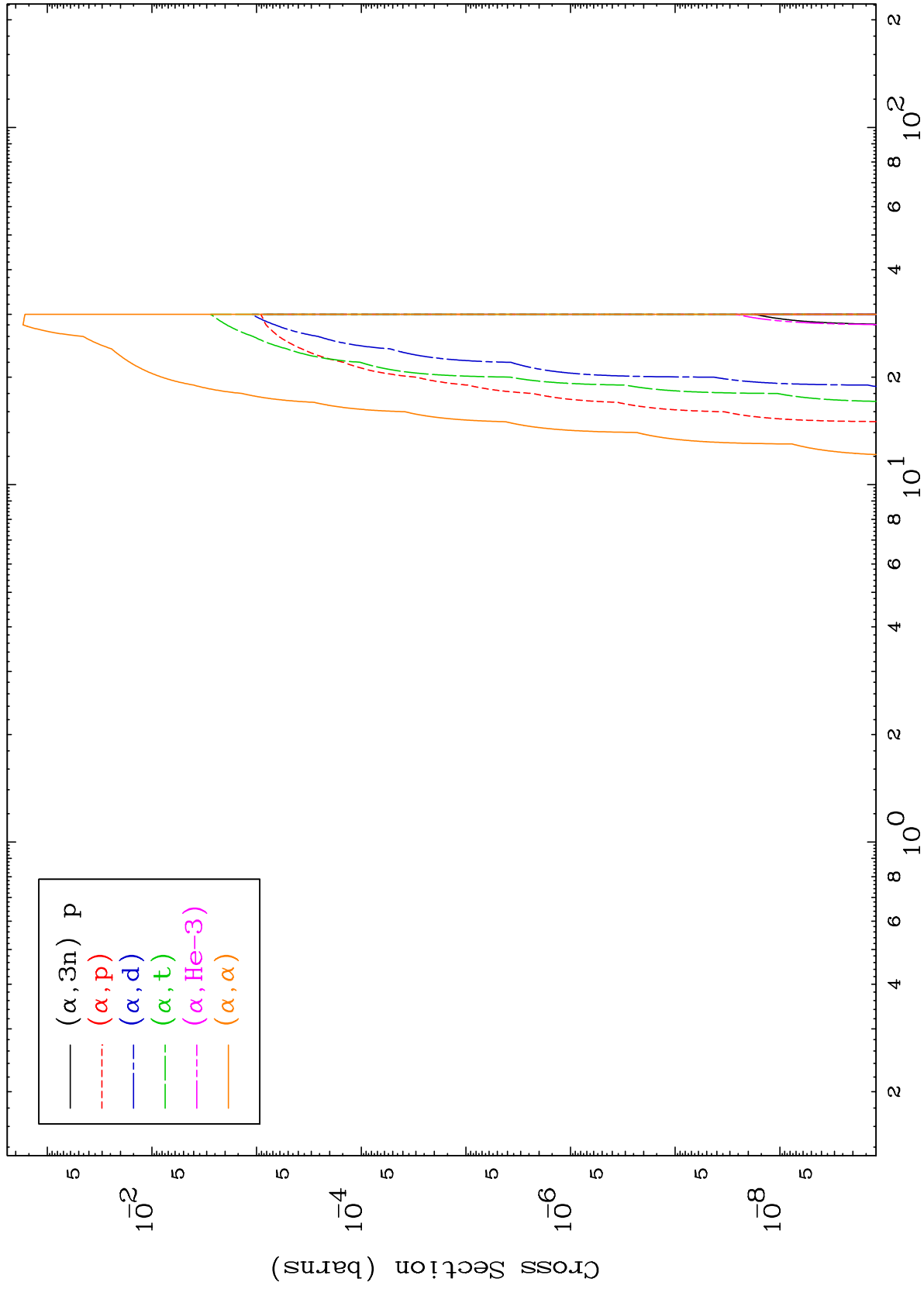
Incident Energy (MeV)

70-Yb-181

MAT 7064

α Charged Particle
0 Kelvin Cross Sections

70-Yb-181



4

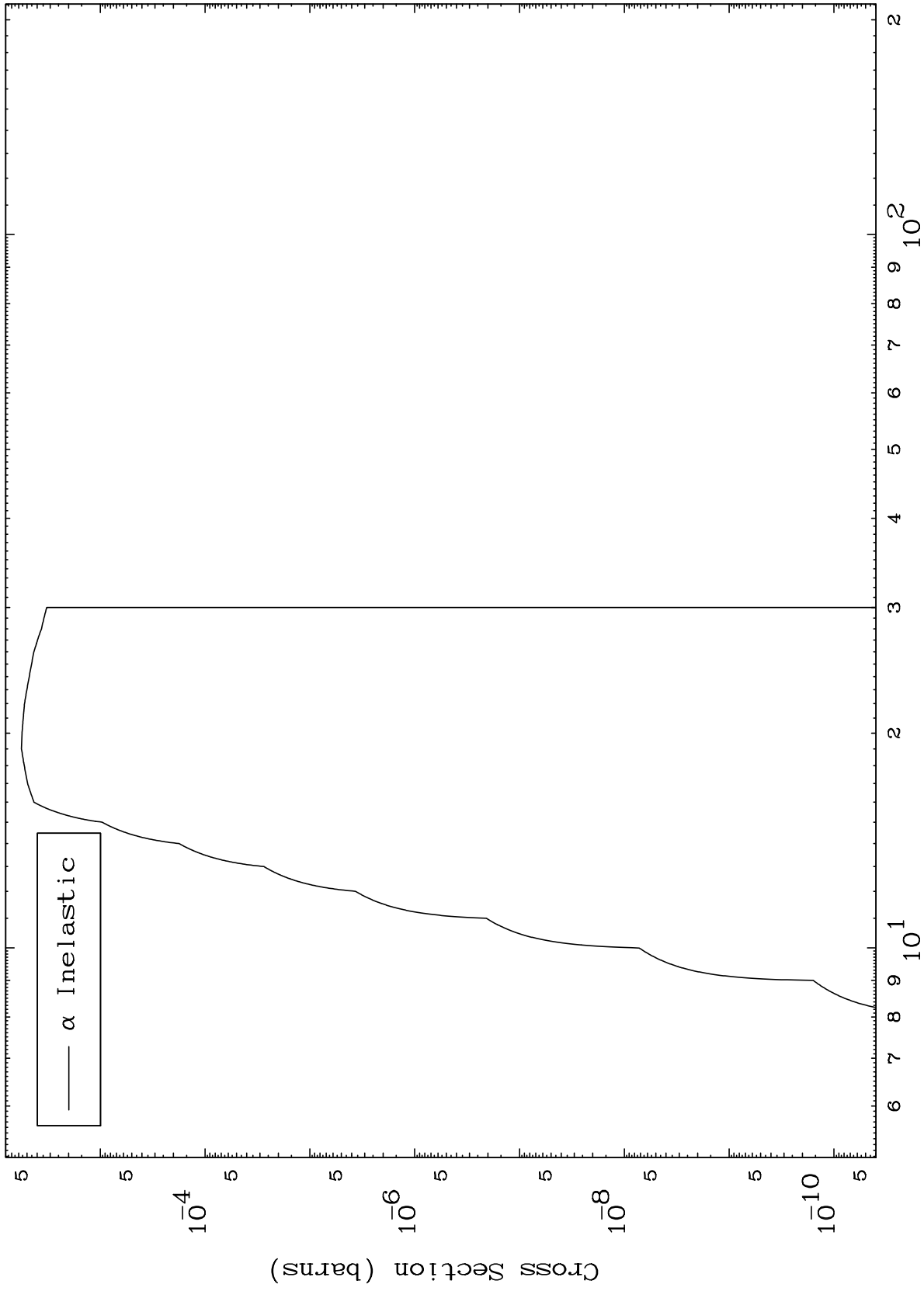
Incident Energy (MeV)

70-Yb-181

MAT 7064

(α, n') Level
0 Kelvin Cross Sections

70-Yb-181



5

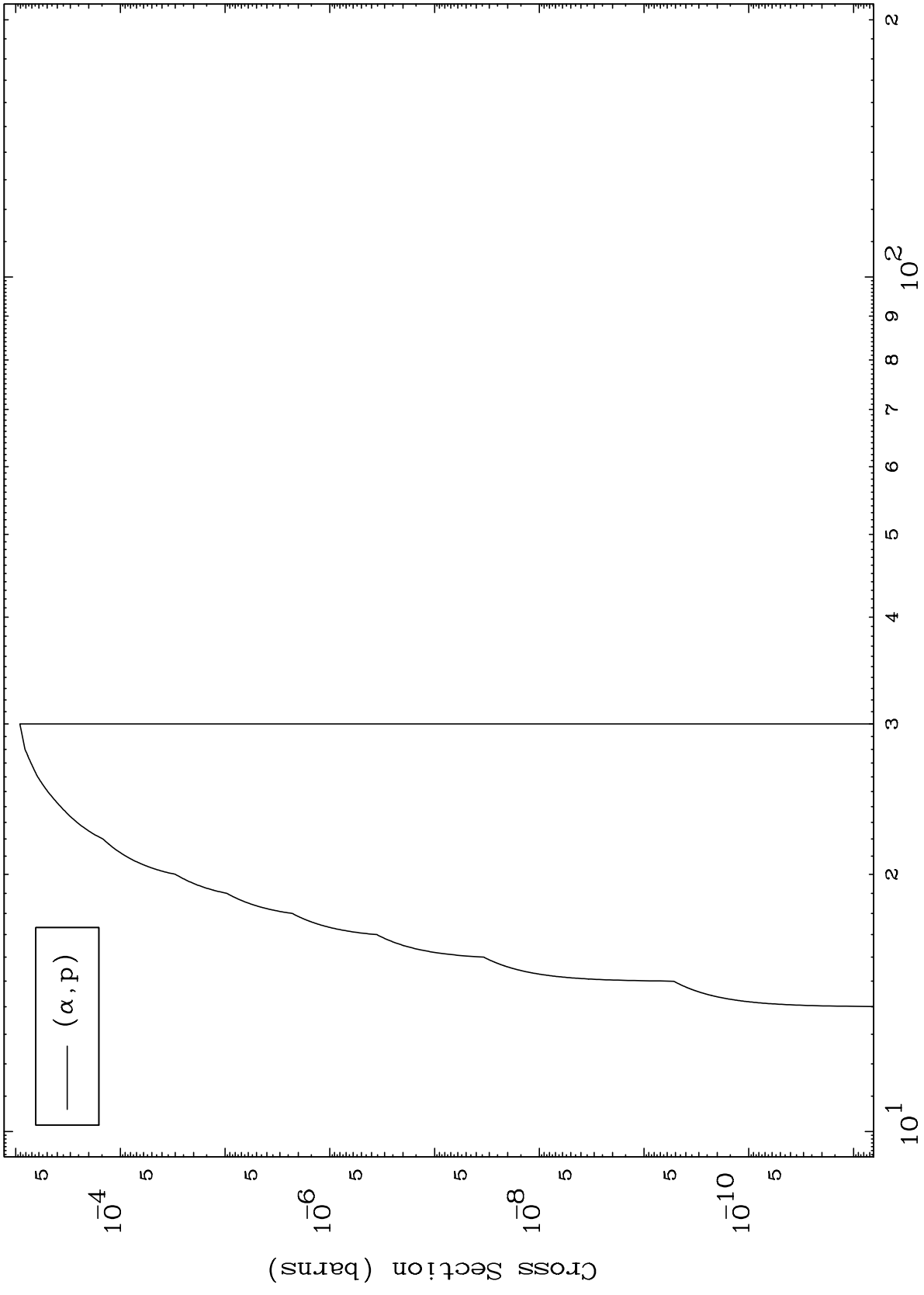
Incident Energy (MeV)

70-Yb-181

MAT 7064

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-181



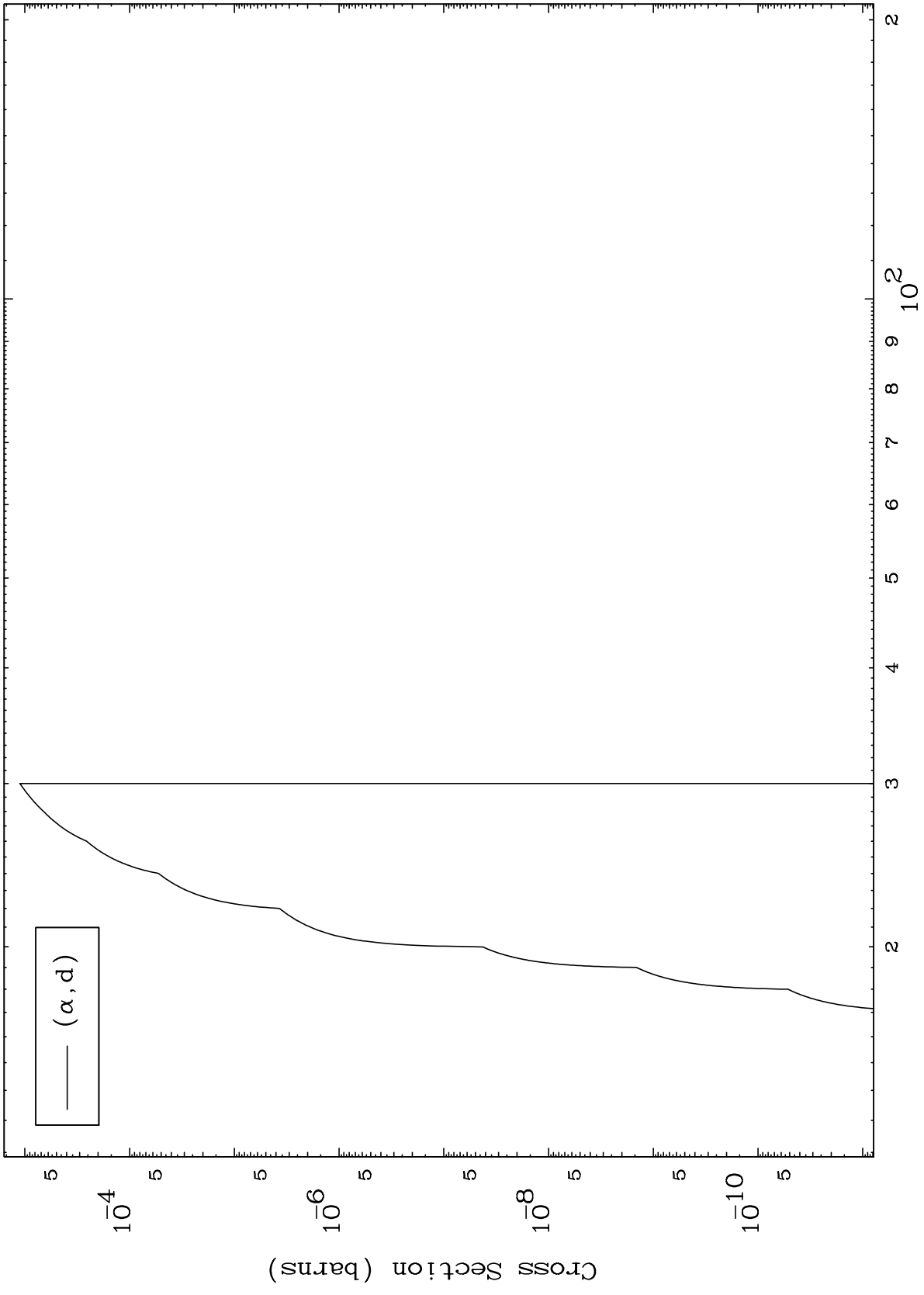
Incident Energy (MeV)

70-Yb-181

MAT 7064

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-181



7

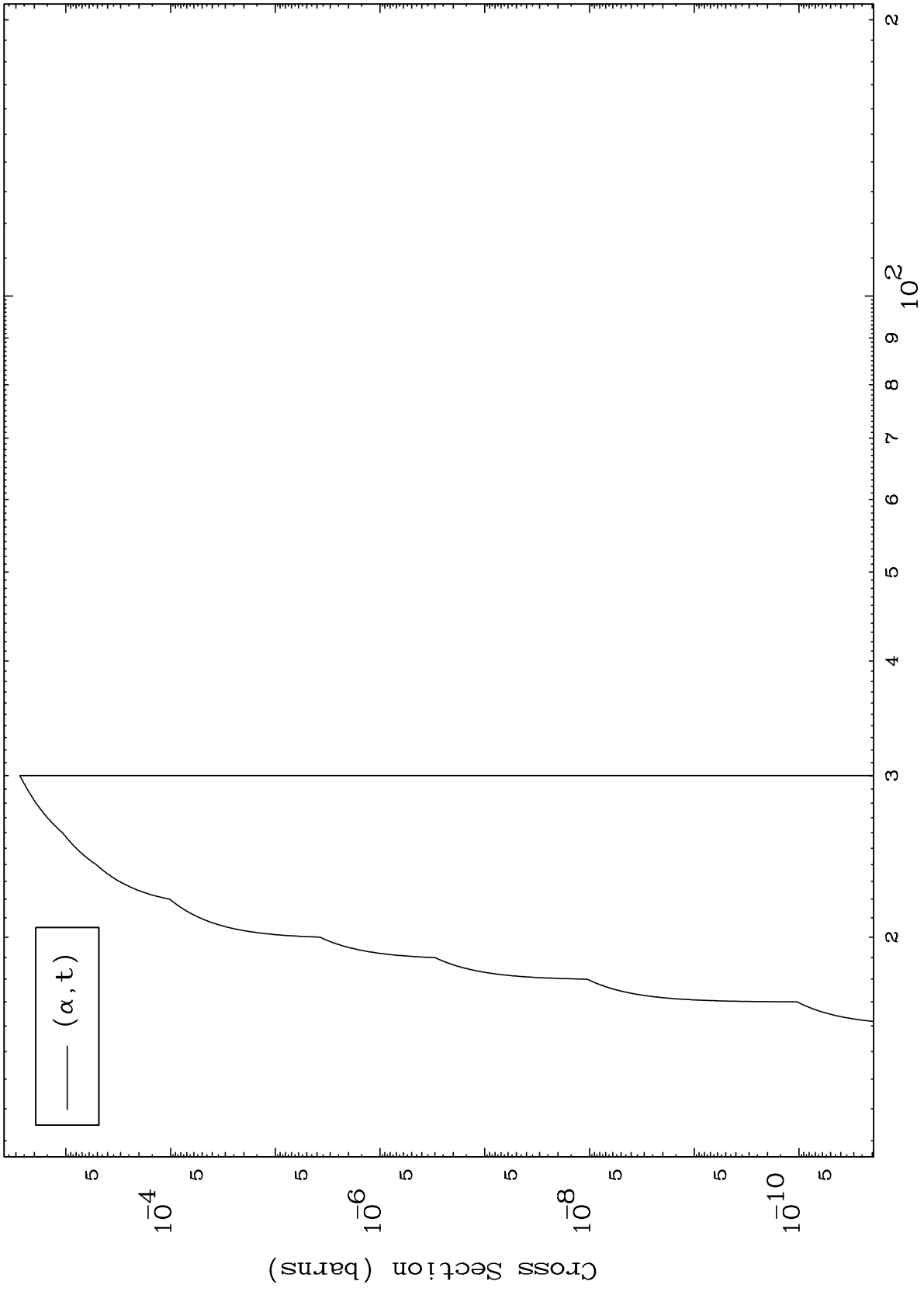
Incident Energy (MeV)

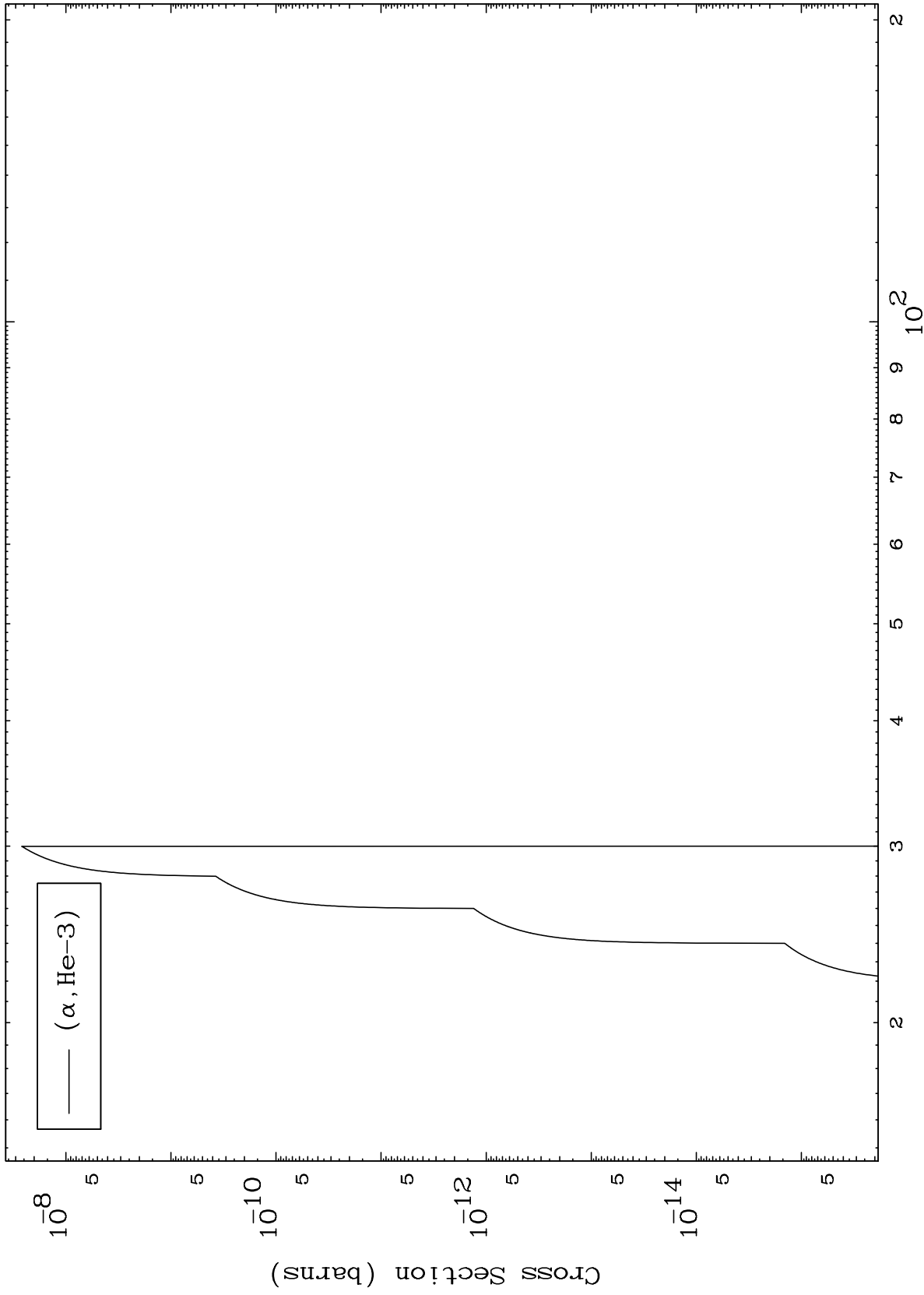
70-Yb-181

MAT 7064

(α, t) Levels
0 Kelvin Cross Sections

70-Yb-181

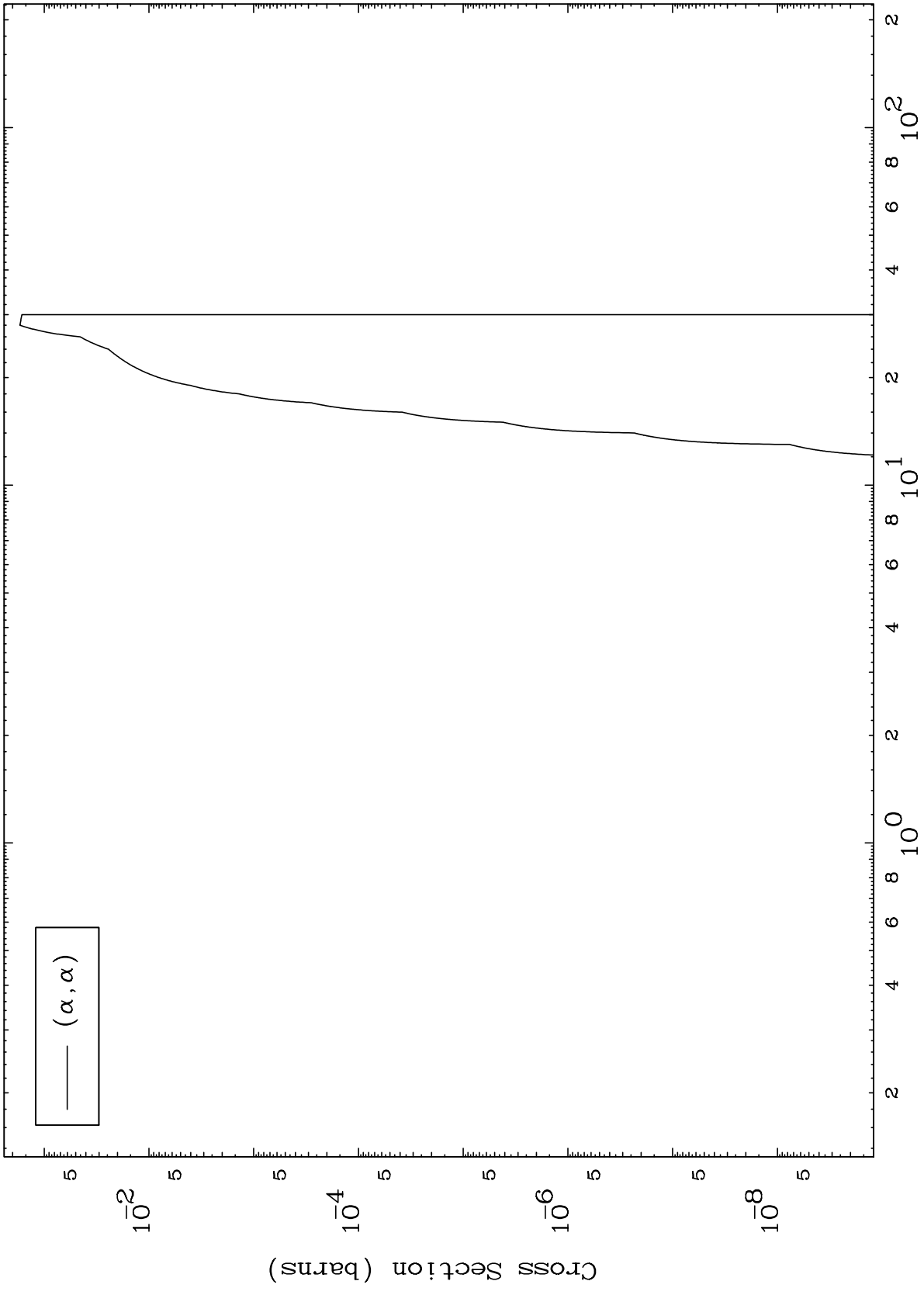




MAT 7064

(α, α) Levels
0 Kelvin Cross Sections

70-Yb-181



10

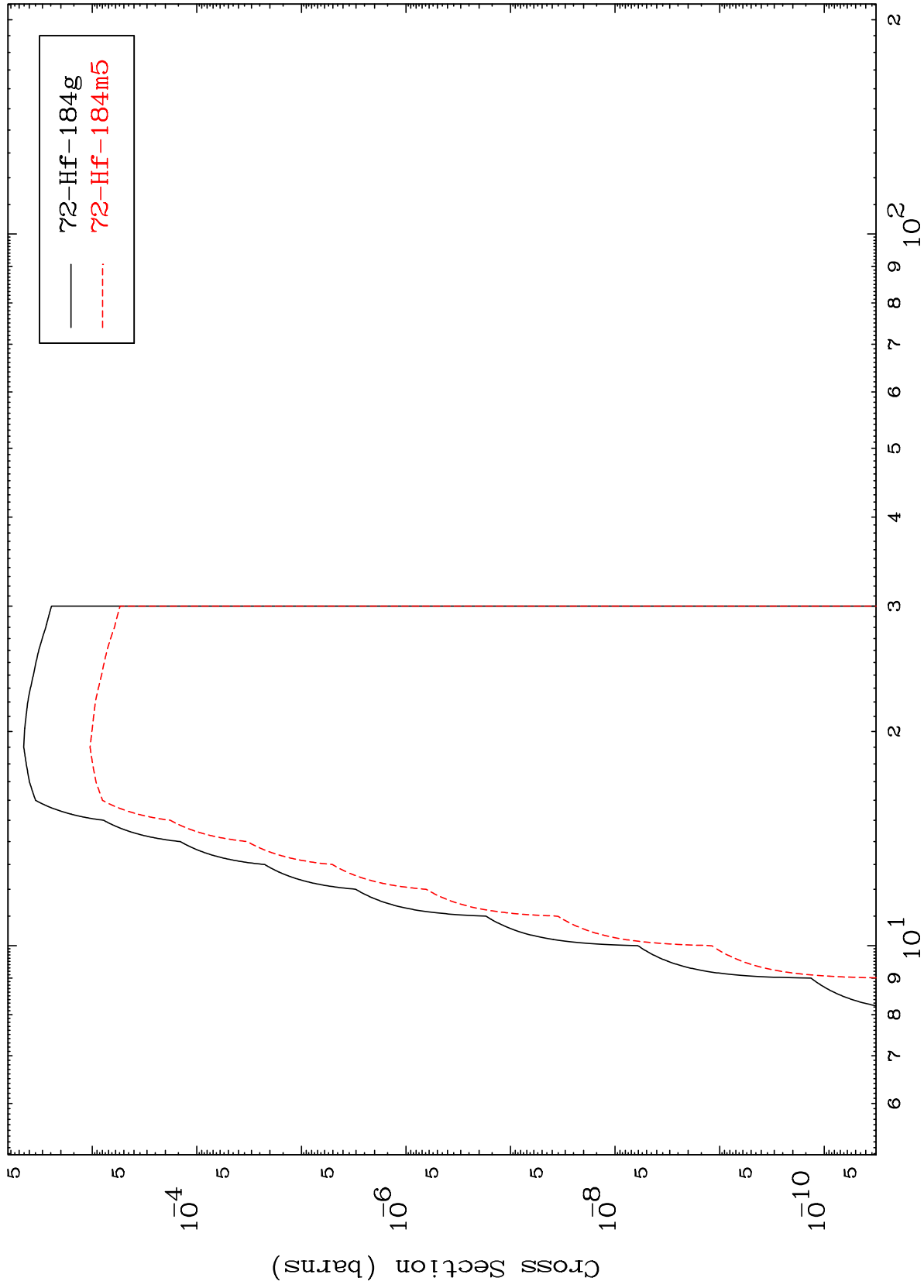
Incident Energy (MeV)

70-Yb-181

MAT 7064

α Inelastic
Radionuclide Production Cross Section

70-Yb-181



11

Incident Energy (MeV)

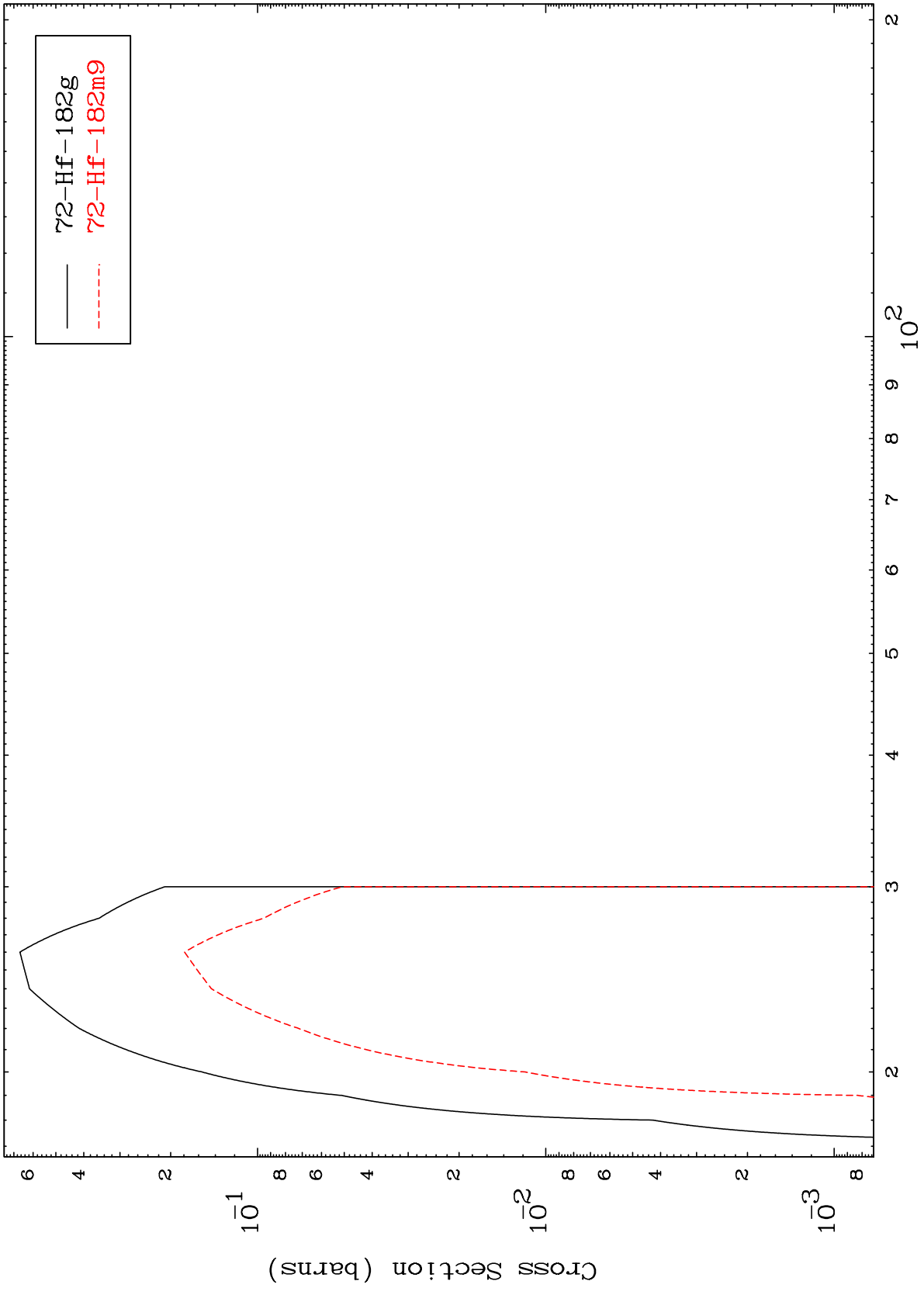
70-Yb-181

MAT 7064

($\alpha, 3n$)

70-Yb-181

Radionuclide Production Cross Section



12

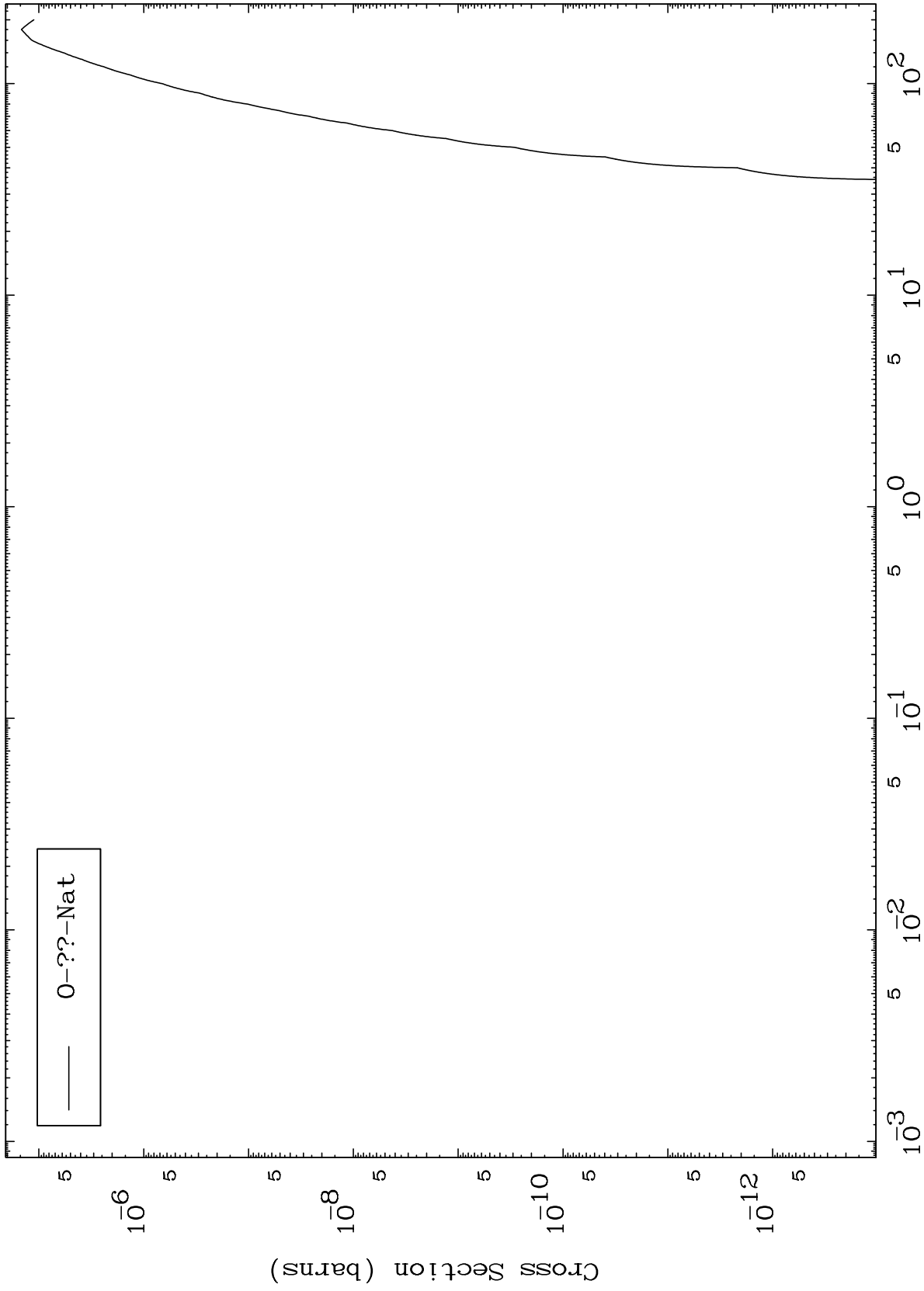
Incident Energy (MeV)

70-Yb-181

MAT 7064

α Fission
Radionuclide Production Cross Section

70-Yb-181



13

Incident Energy (MeV)

70-Yb-181