

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

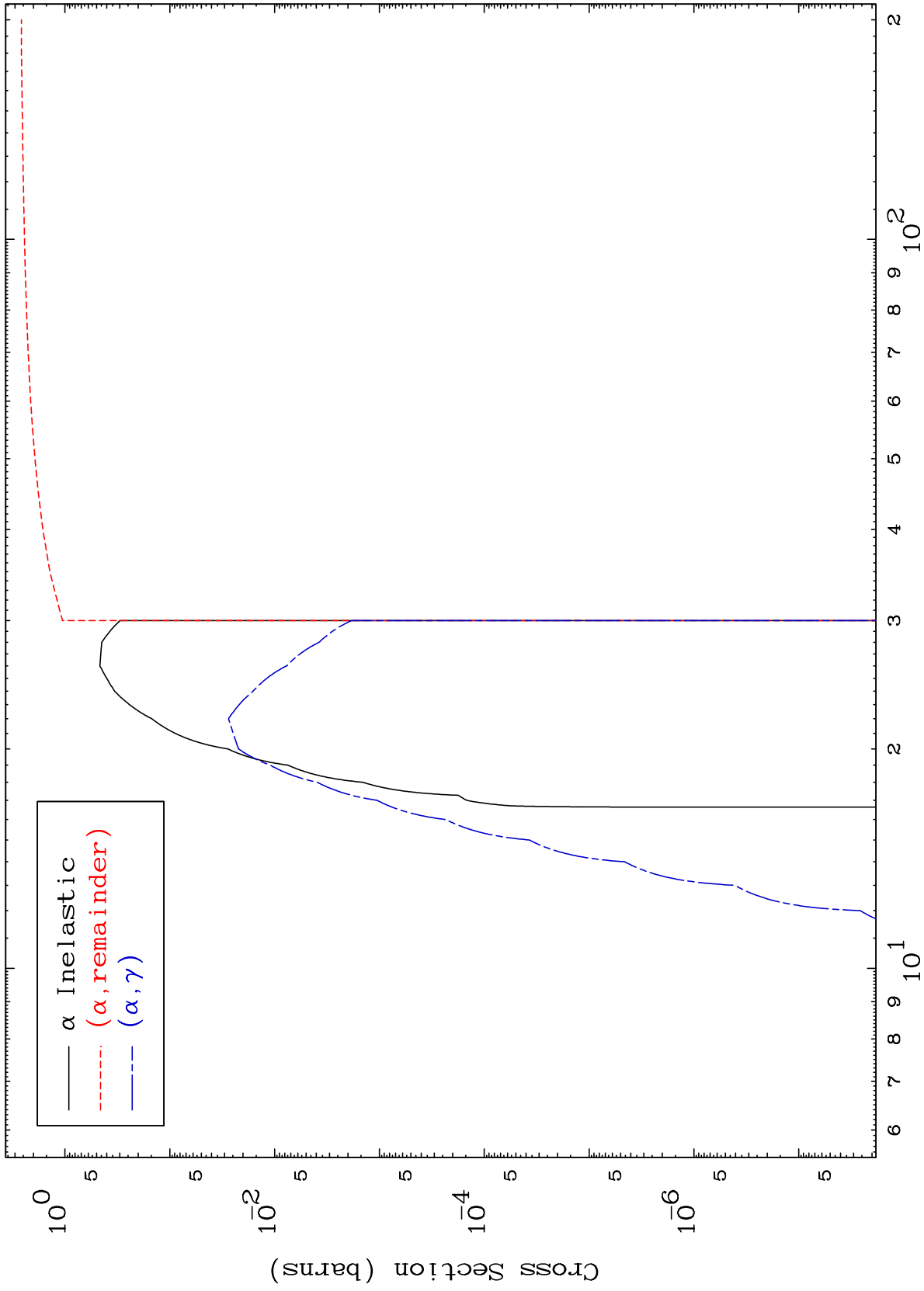
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7795

0 Kelvin α Major
 α Cross Sections

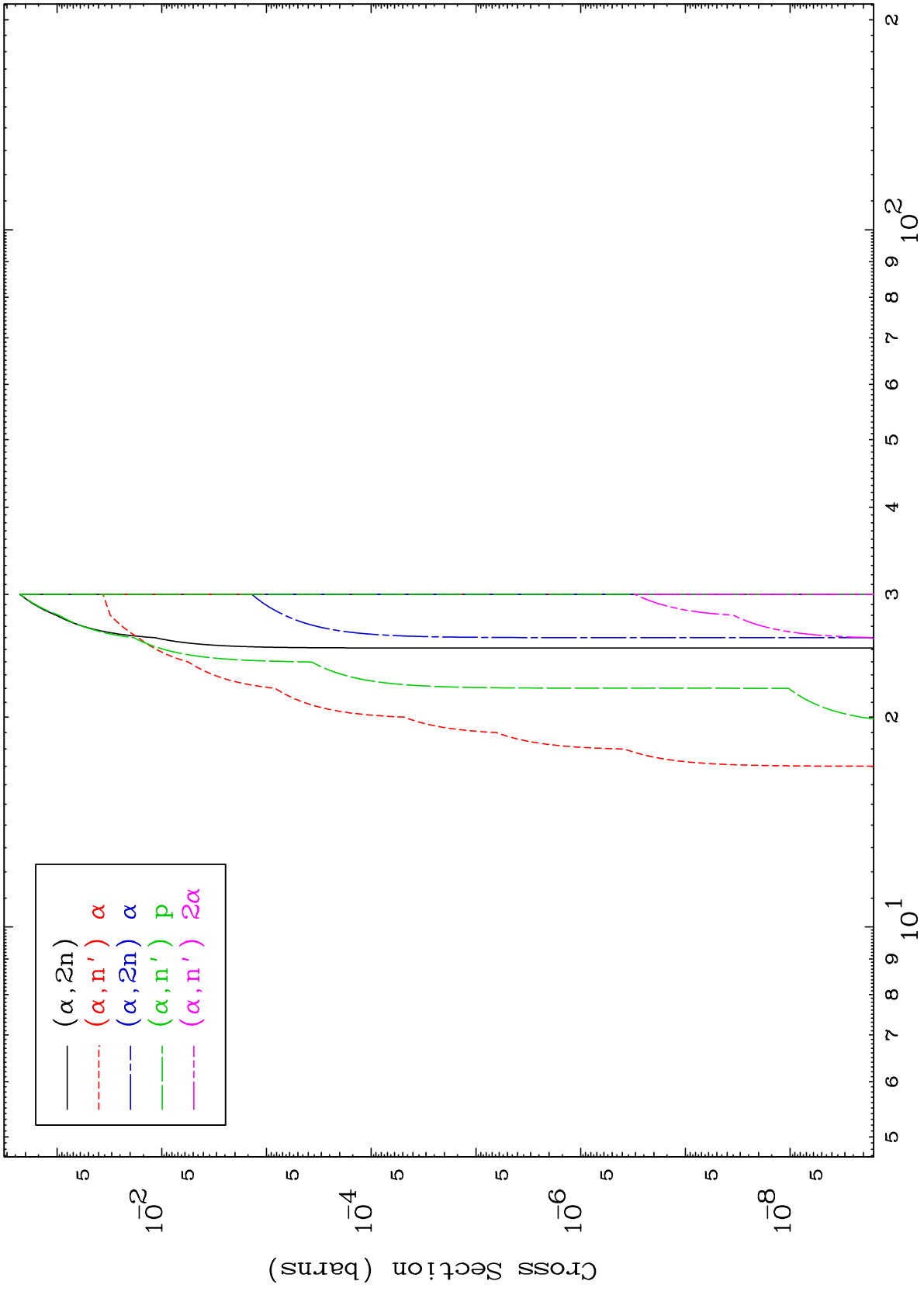
78-Pt-180



MAT 7795

α Neutron Production
0 Kelvin Cross Sections

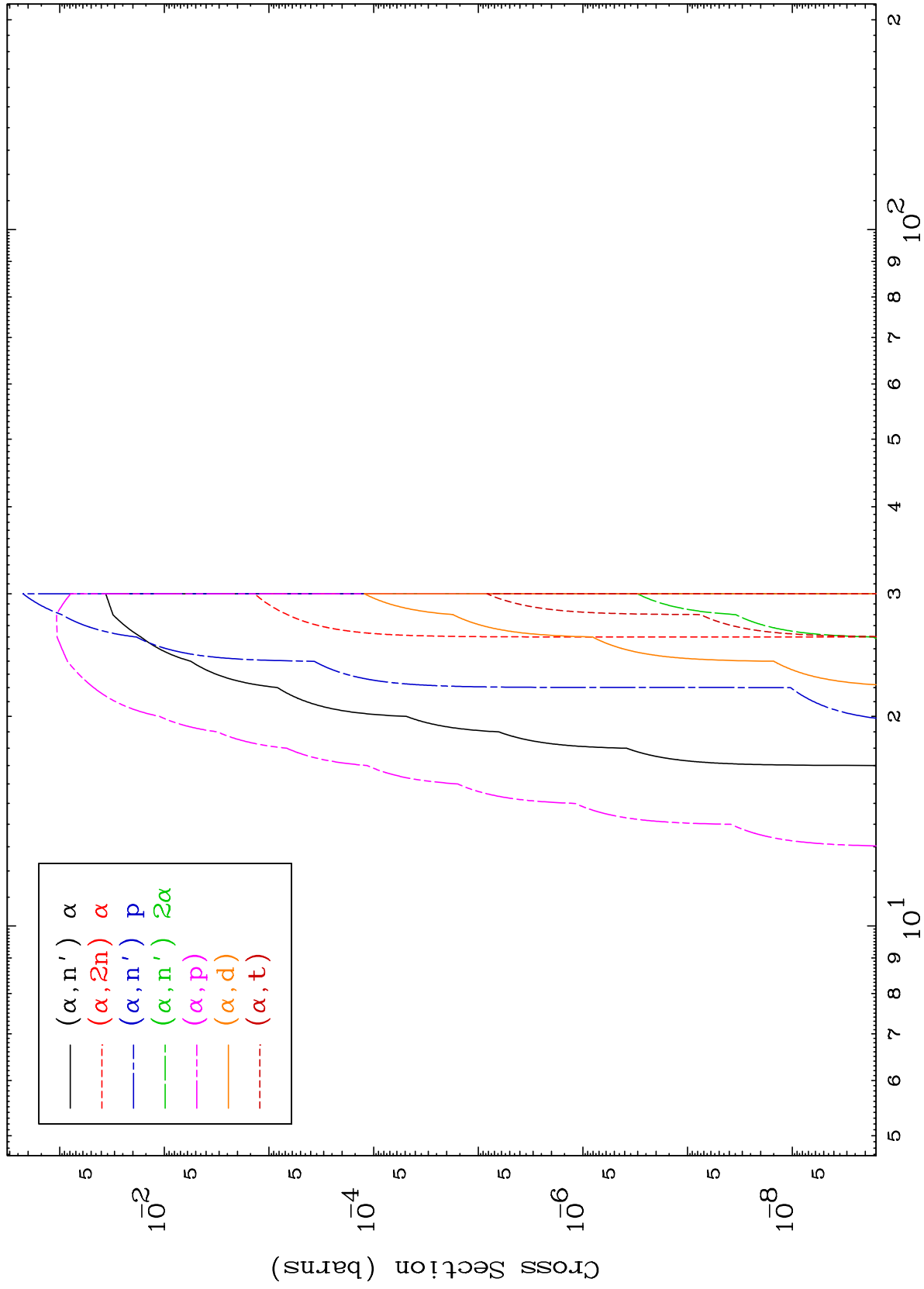
78-Pt-180



2

Incident Energy (MeV)

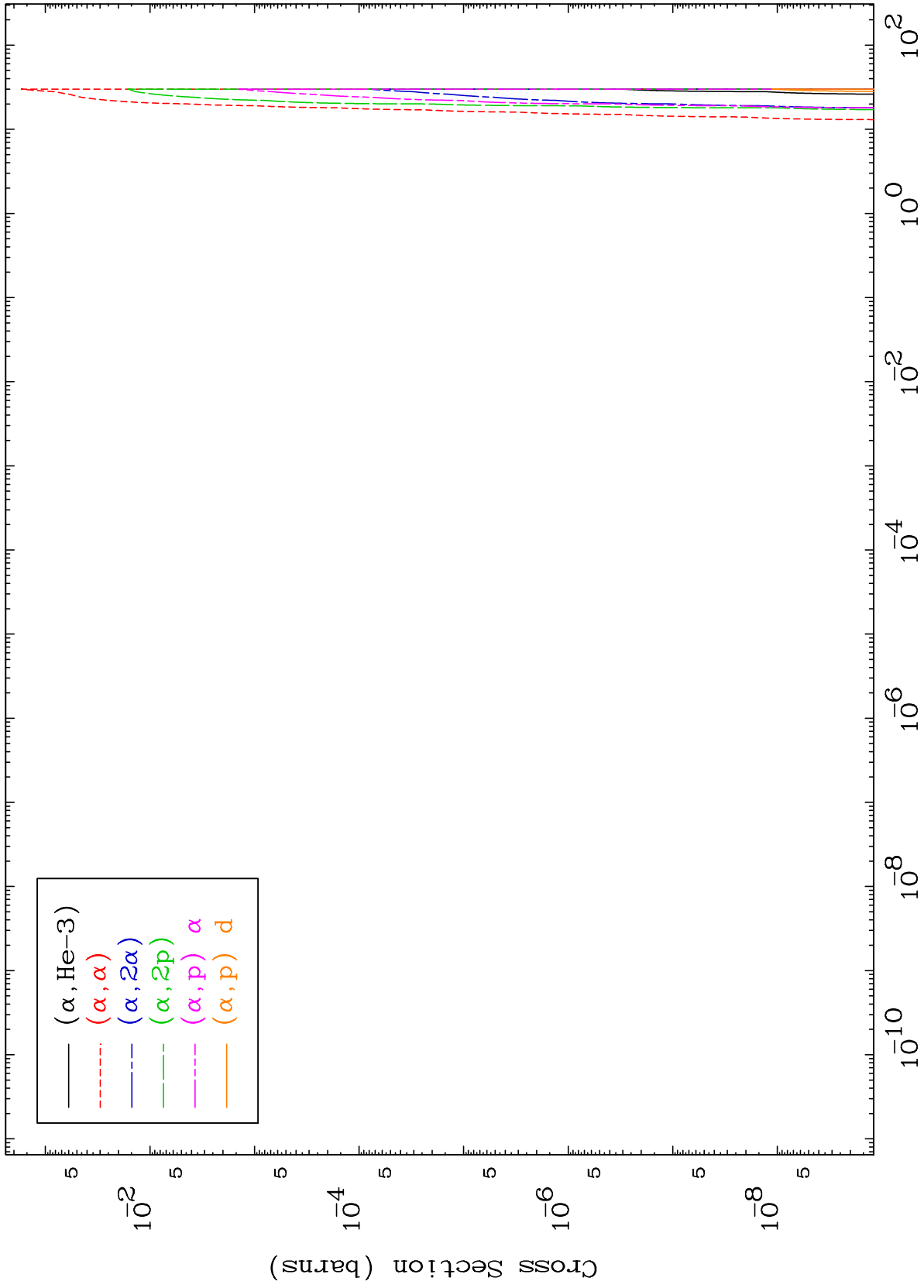
78-Pt-180



MAT 7795

α Charged Particle
0 Kelvin Cross Sections

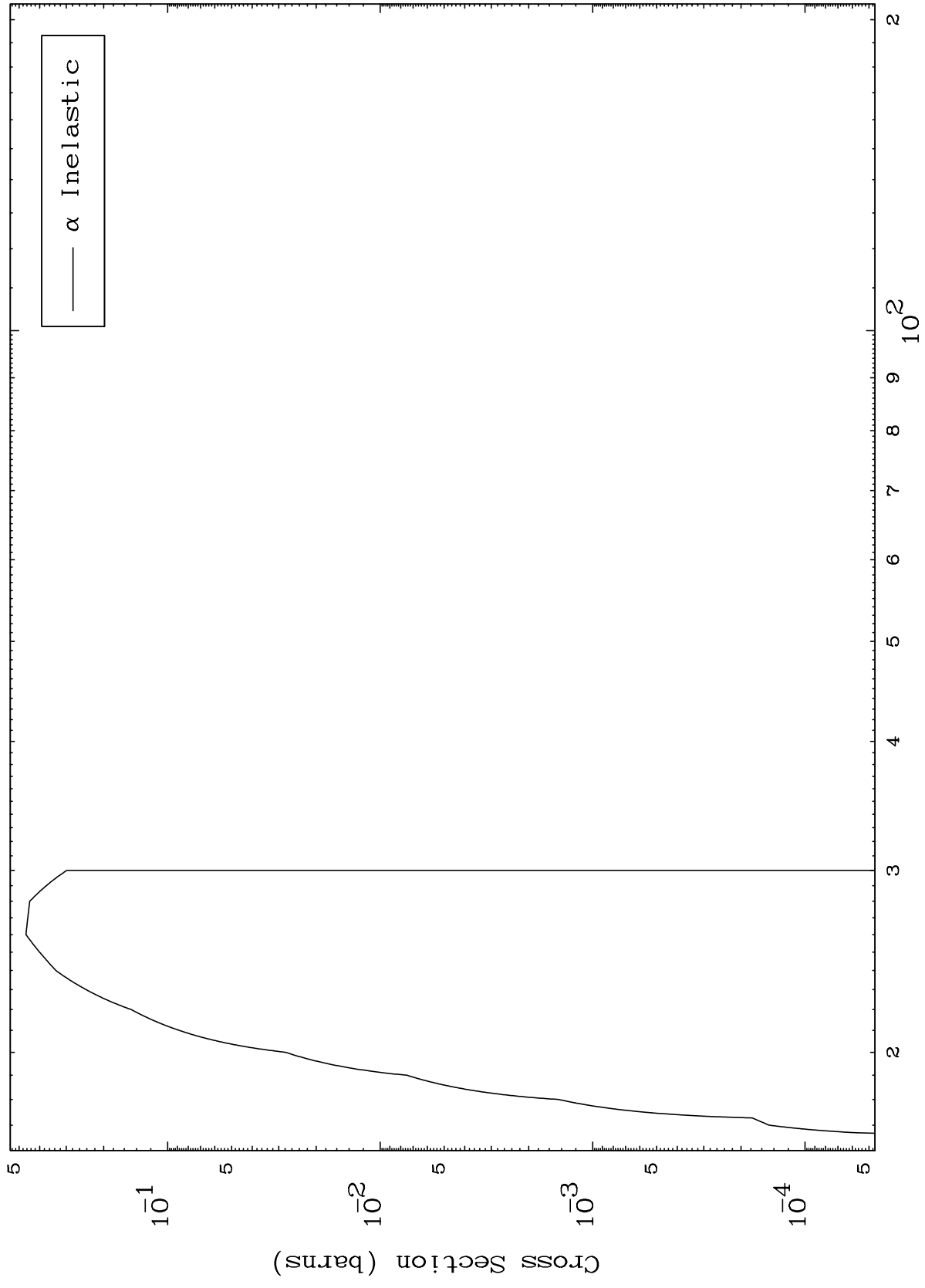
78-Pt-180



MAT 7795

(α, n') Level
0 Kelvin Cross Sections

78-Pt-180



— α Inelastic

5

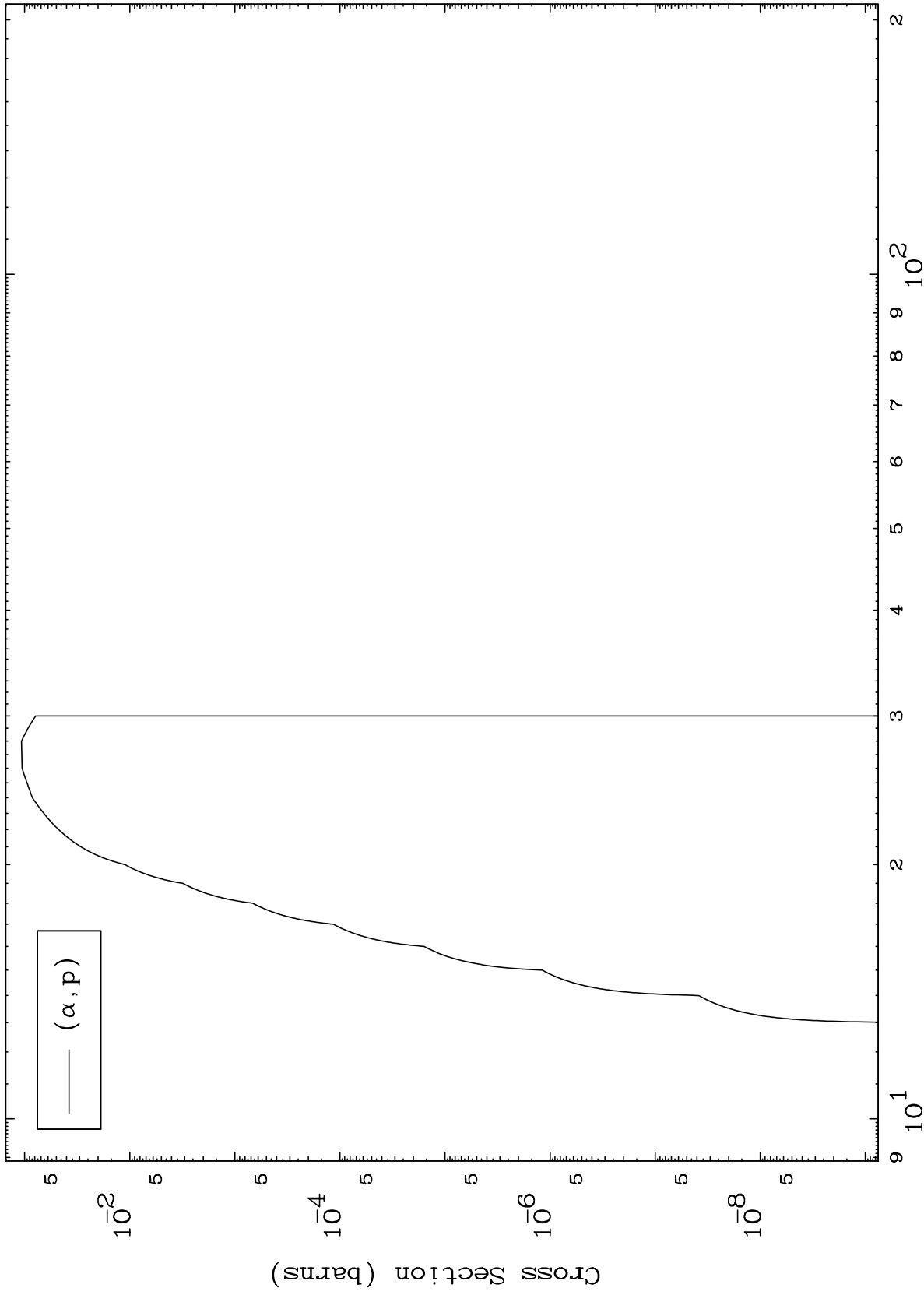
Incident Energy (MeV)

78-Pt-180

MAT 7795

(α, p) Levels
0 Kelvin Cross Sections

78-Pt-180



6

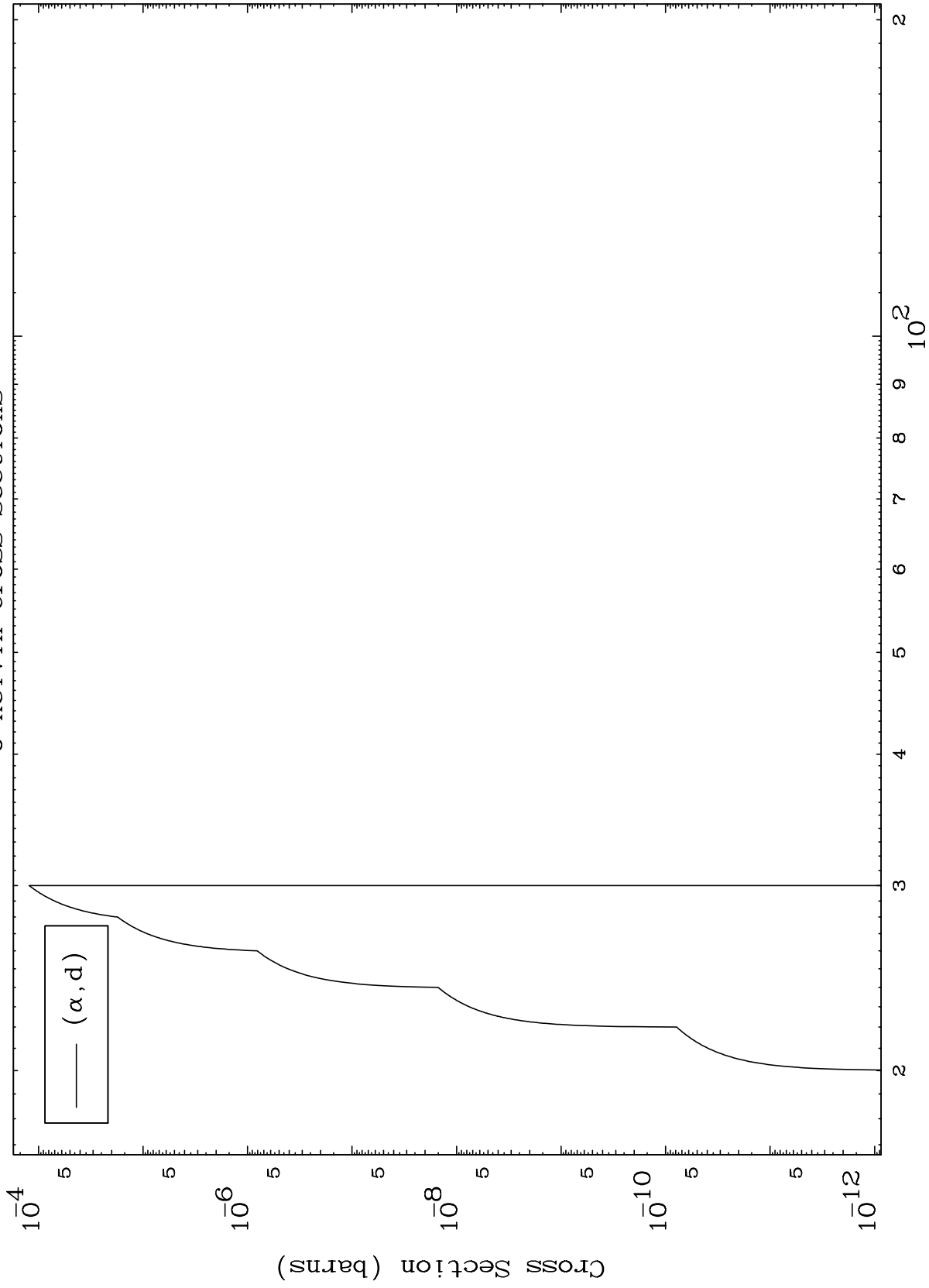
Incident Energy (MeV)

78-Pt-180

MAT 7795

(α, d) Levels
0 Kelvin Cross Sections

78-Pt-180



7

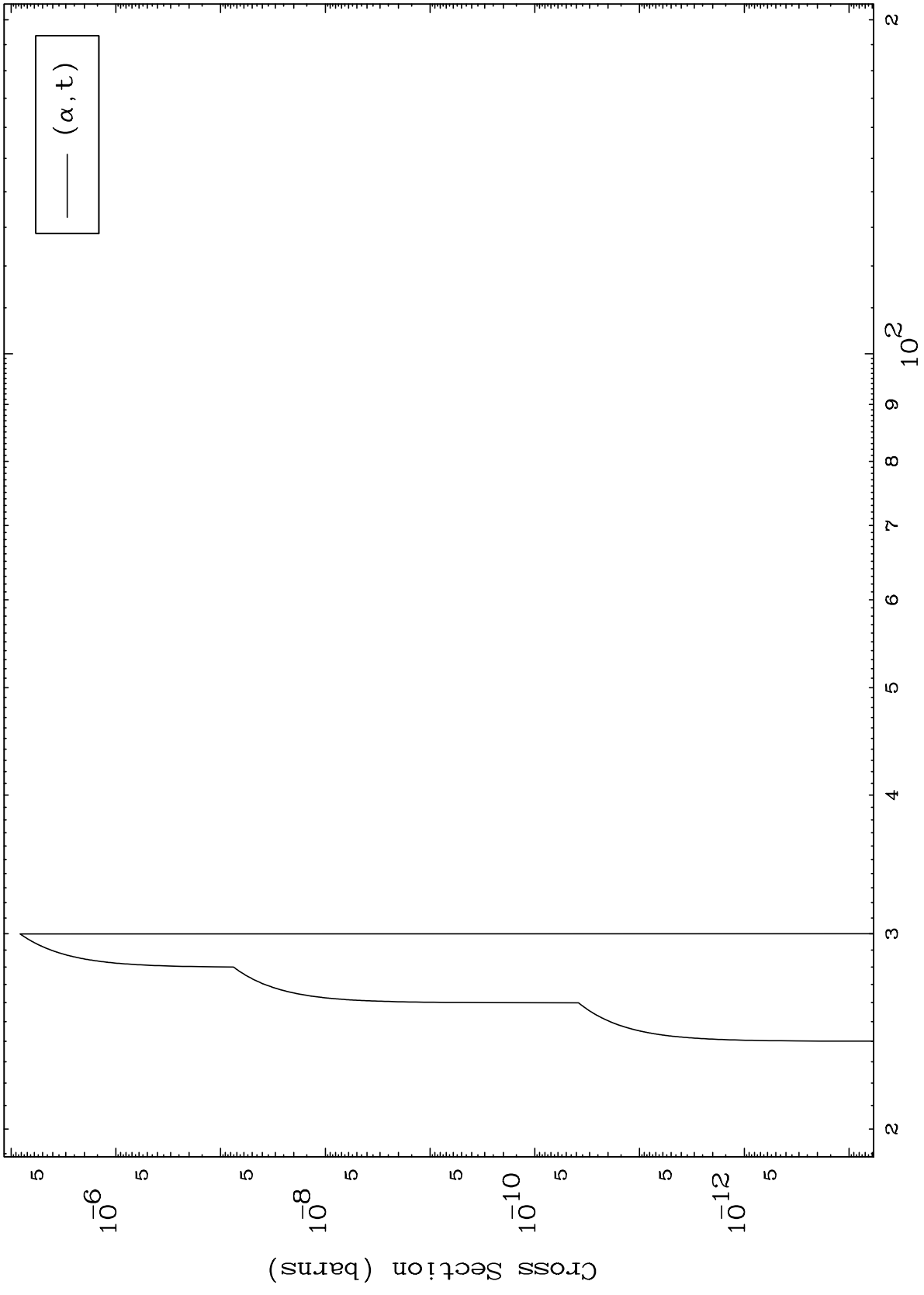
Incident Energy (MeV)

78-Pt-180

MAT 7795

(α, t) Levels
0 Kelvin Cross Sections

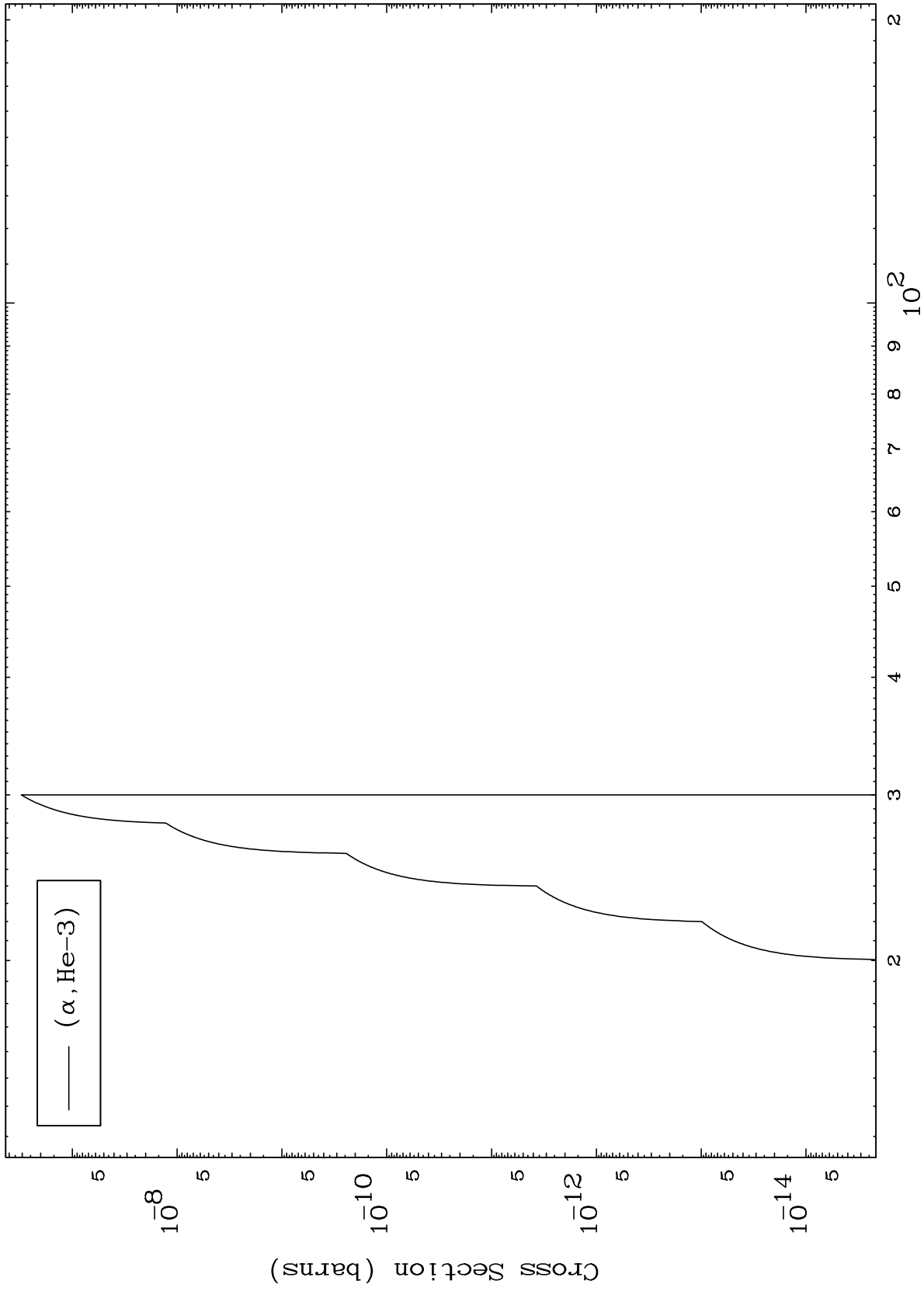
78-Pt-180



8

Incident Energy (MeV)

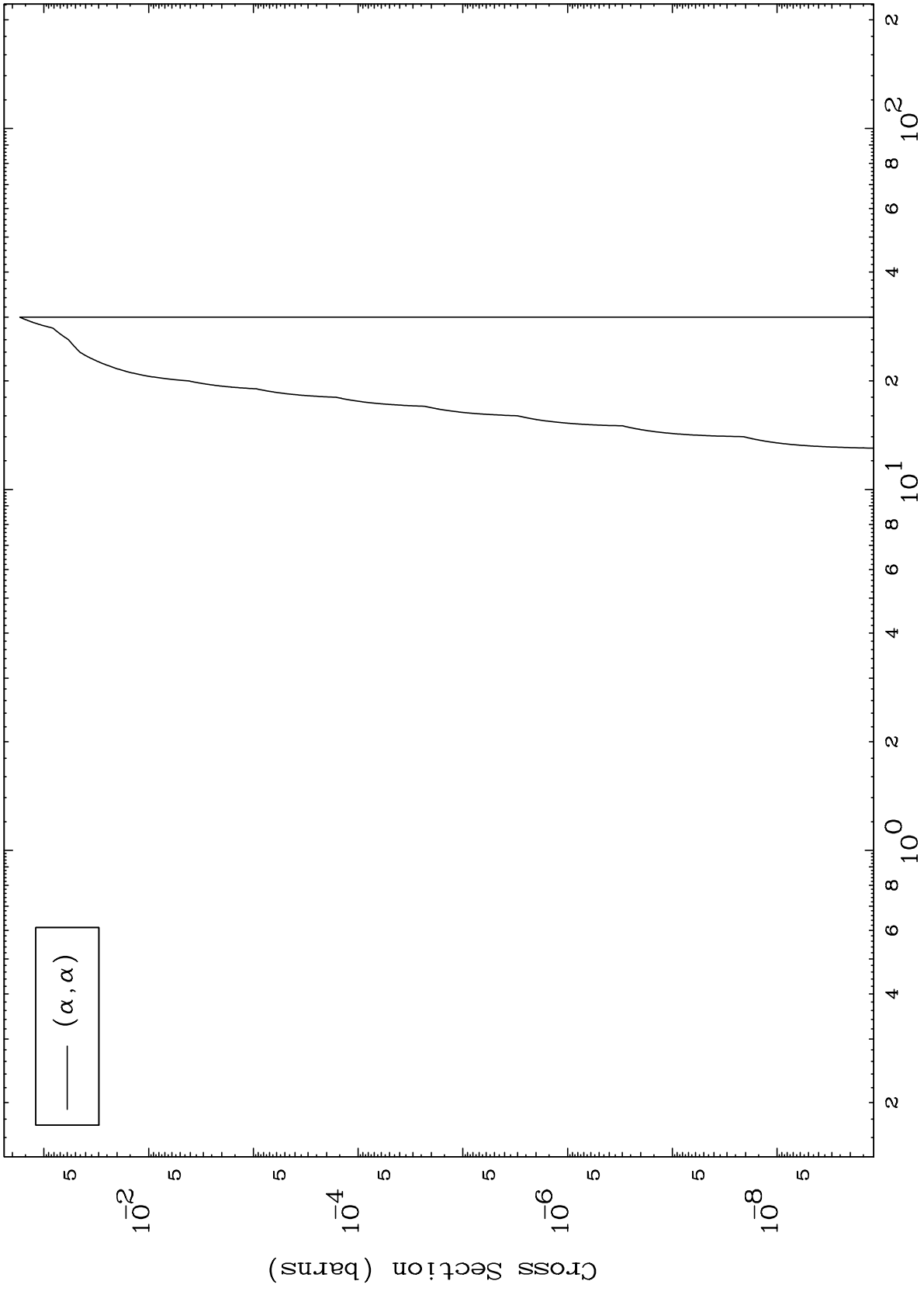
78-Pt-180



MAT 7795

(α, α) Levels
0 Kelvin Cross Sections

78-Pt-180



10

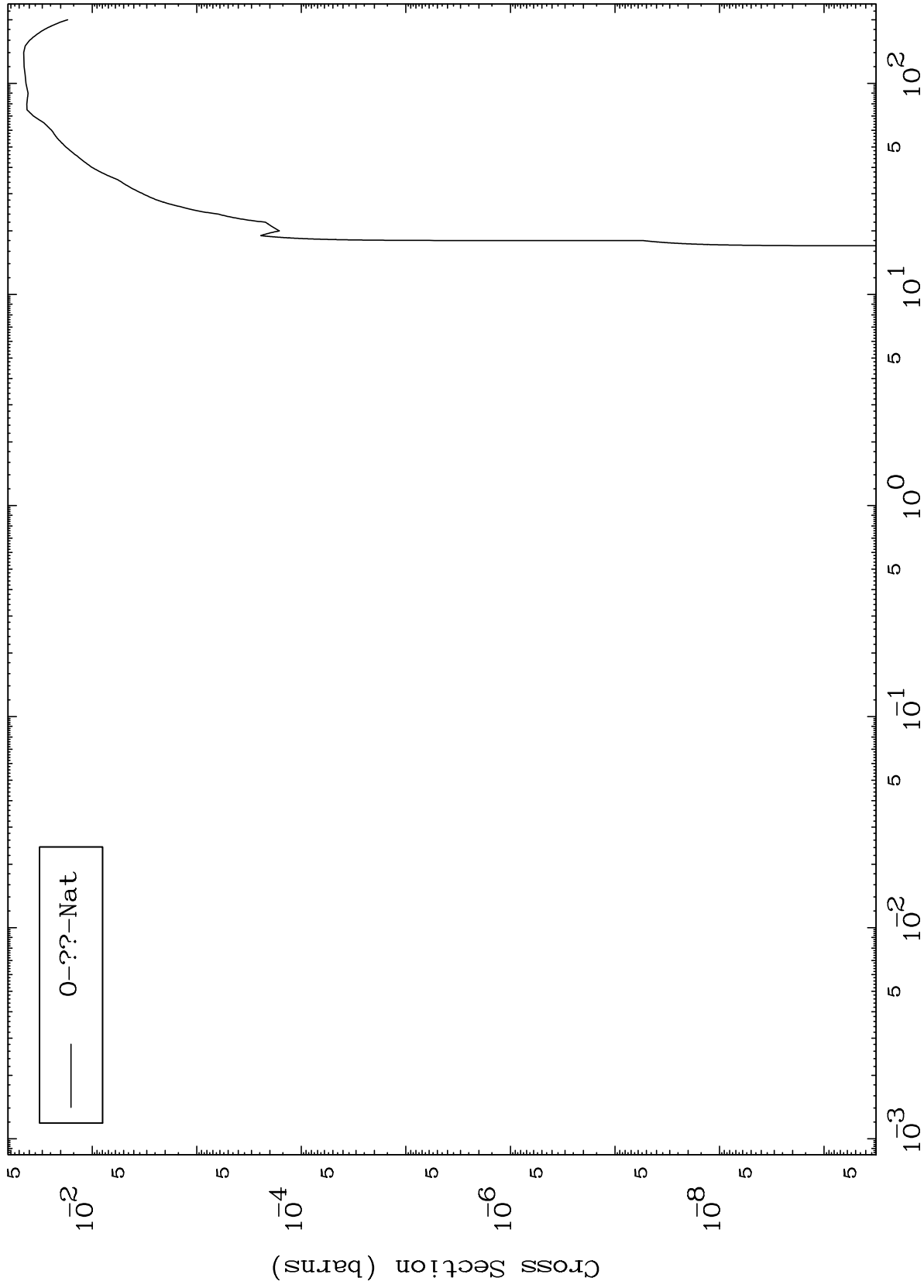
Incident Energy (MeV)

78-Pt-180

MAT 7795

α Fission
Radionuclide Production Cross Section

⁷⁸Pt-180



11

Incident Energy (MeV)

⁷⁸Pt-180