

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

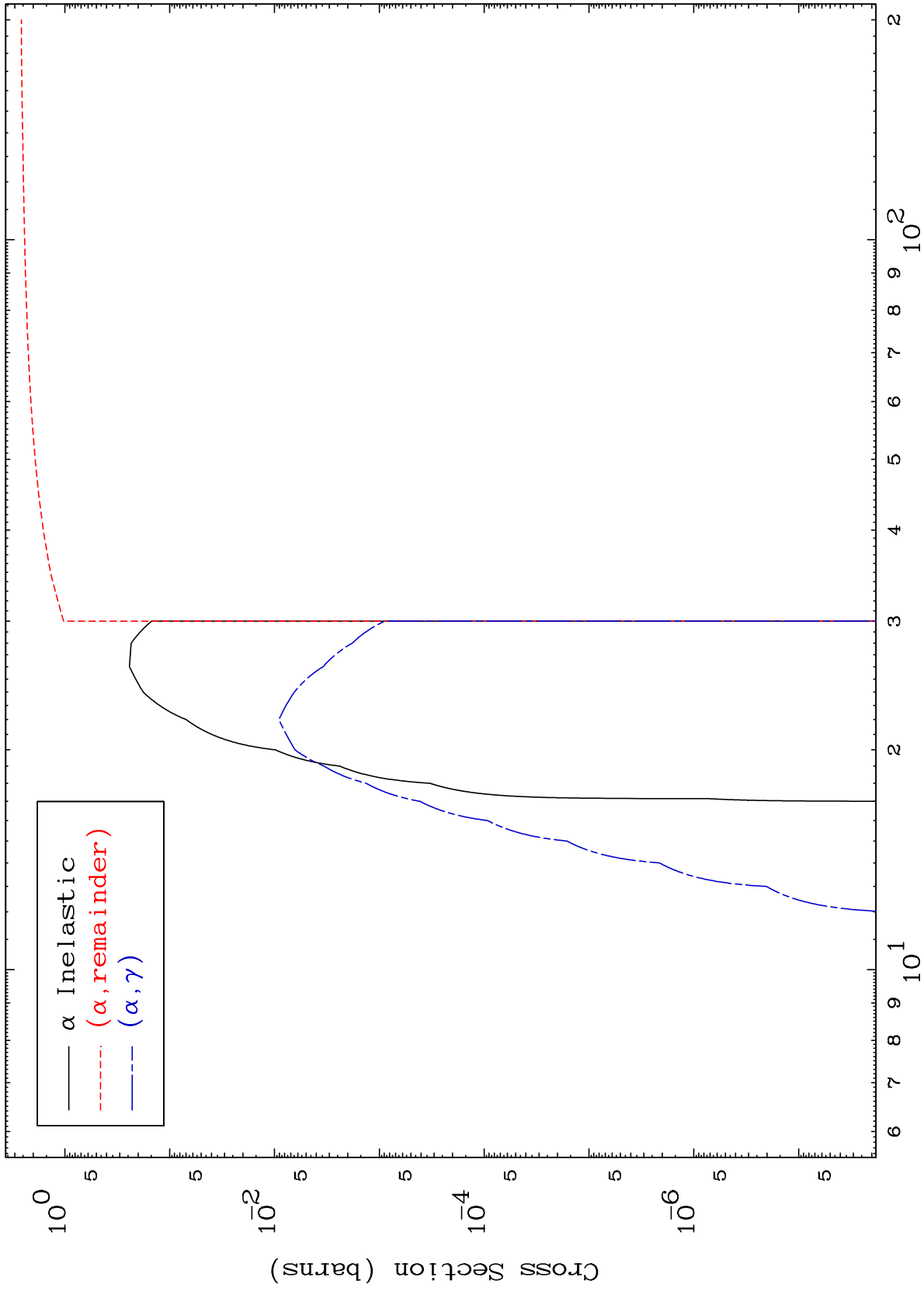
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7877

0 Kelvin α Major
Cross Sections

79-Au-181



1

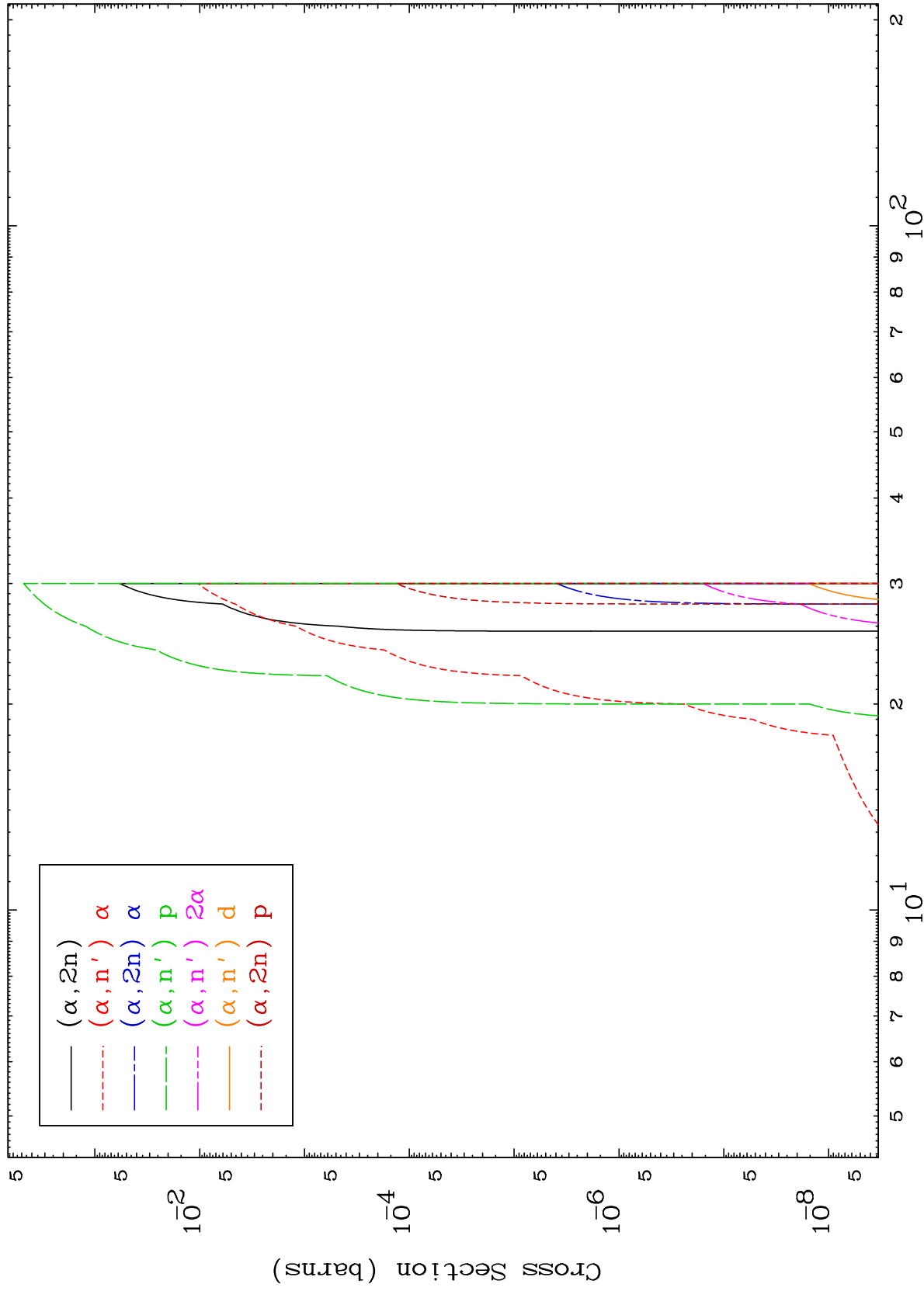
Incident Energy (MeV)

79-Au-181

MAT 7877

α Neutron Production
0 Kelvin Cross Sections

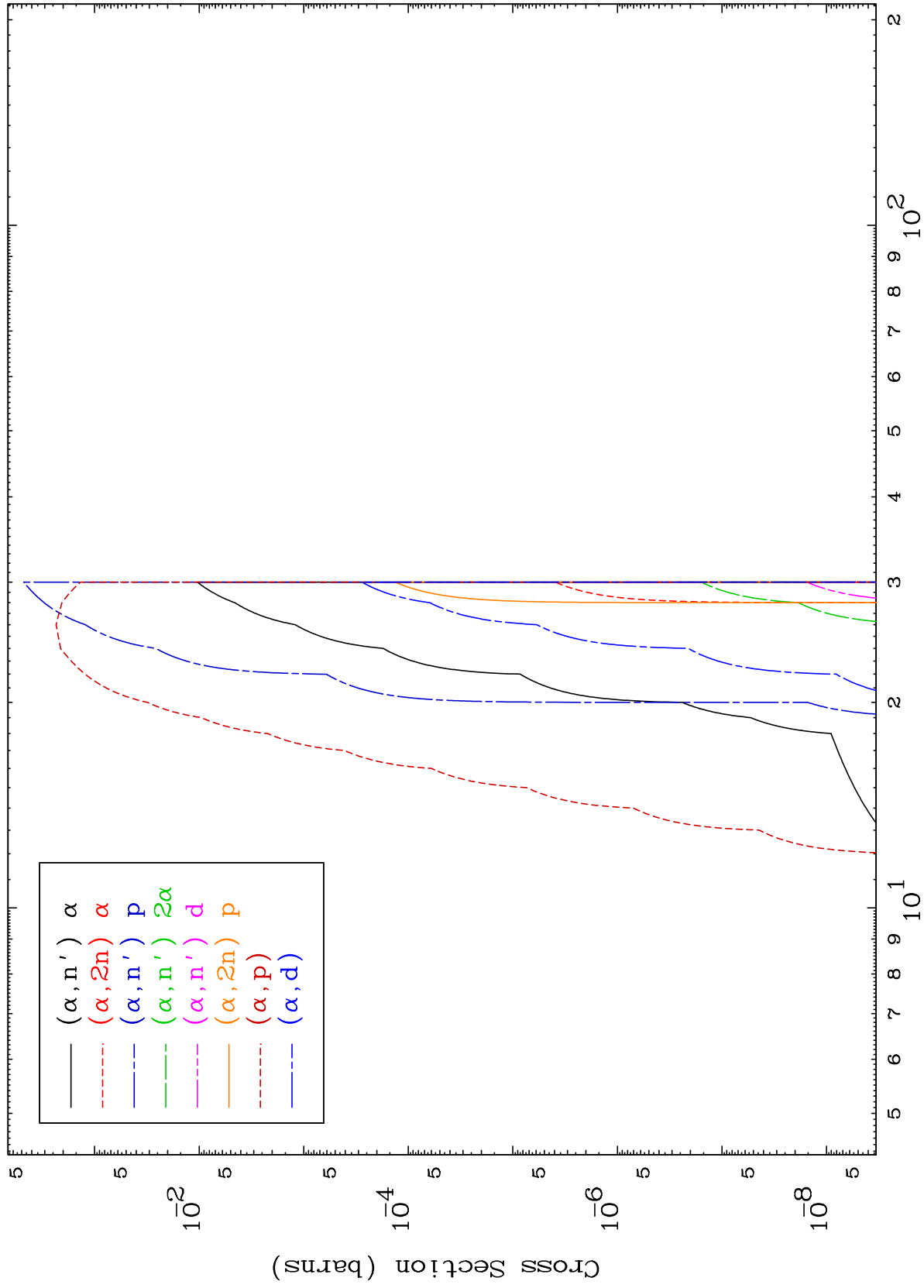
⁷⁹Au-181



2

Incident Energy (MeV)

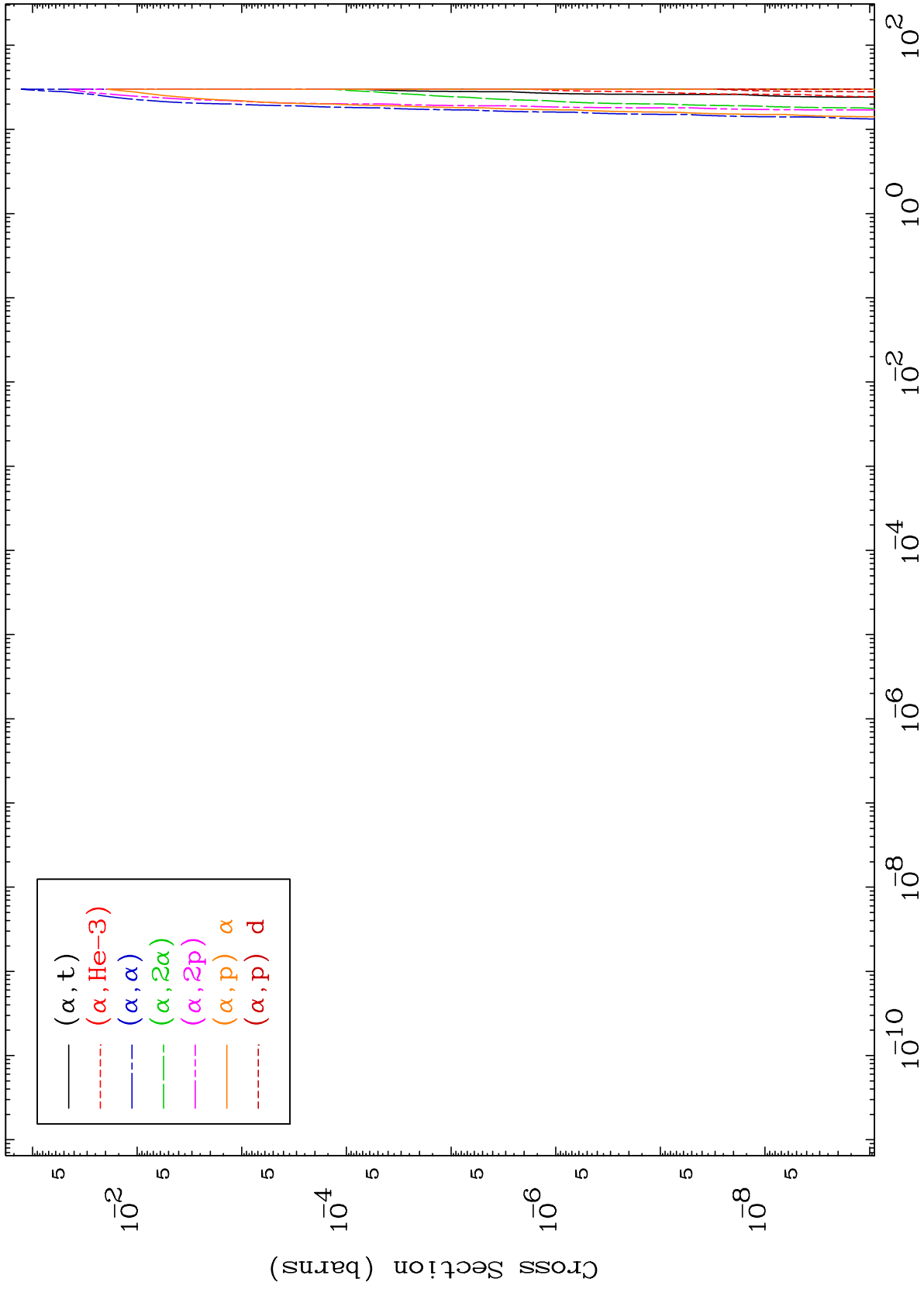
⁷⁹Au-181



MAT 7877

α Charged Particle
0 Kelvin Cross Sections

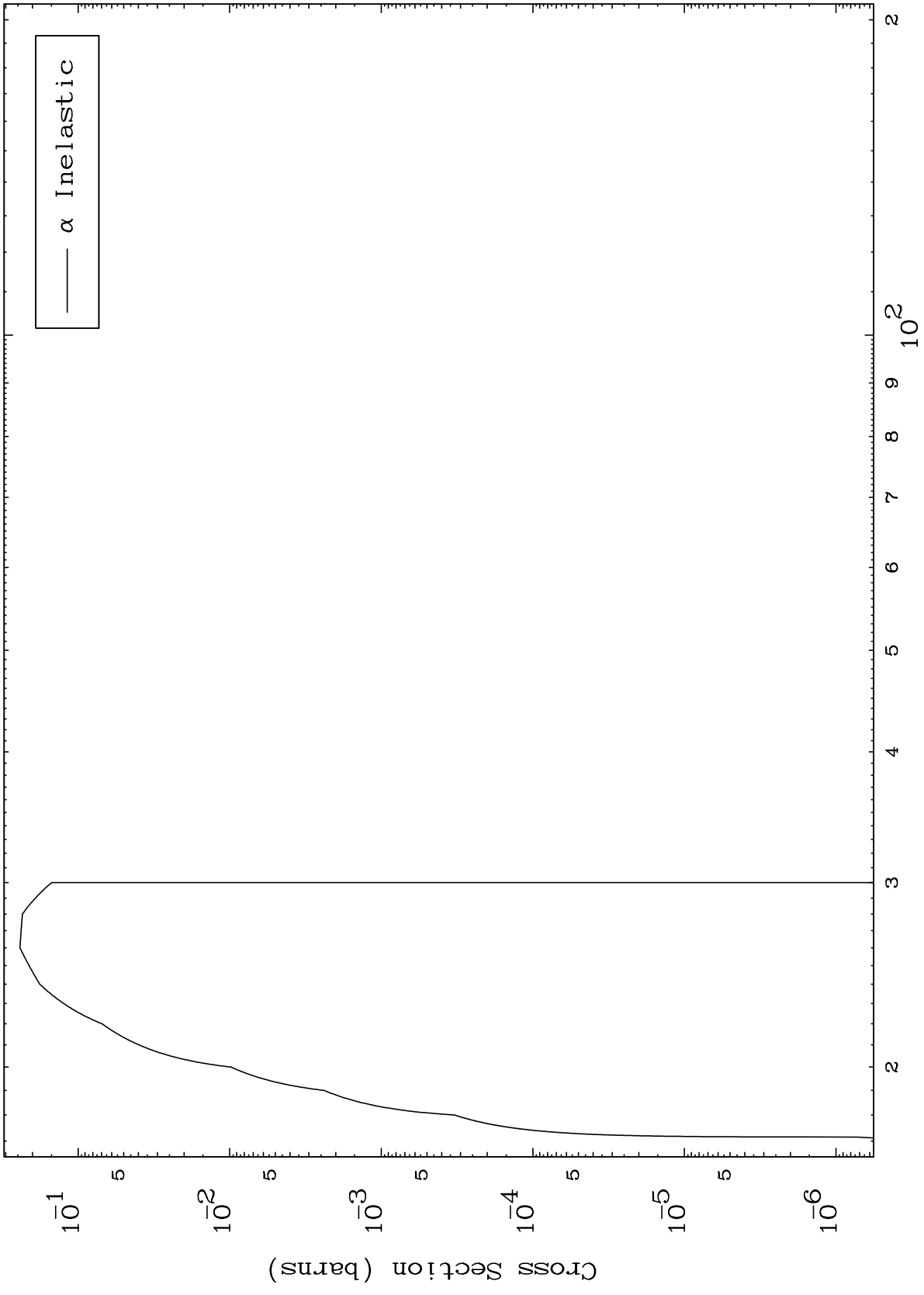
79-Au-181



MAT 7877

(α, n') Level
0 Kelvin Cross Sections

79-Au-181



5

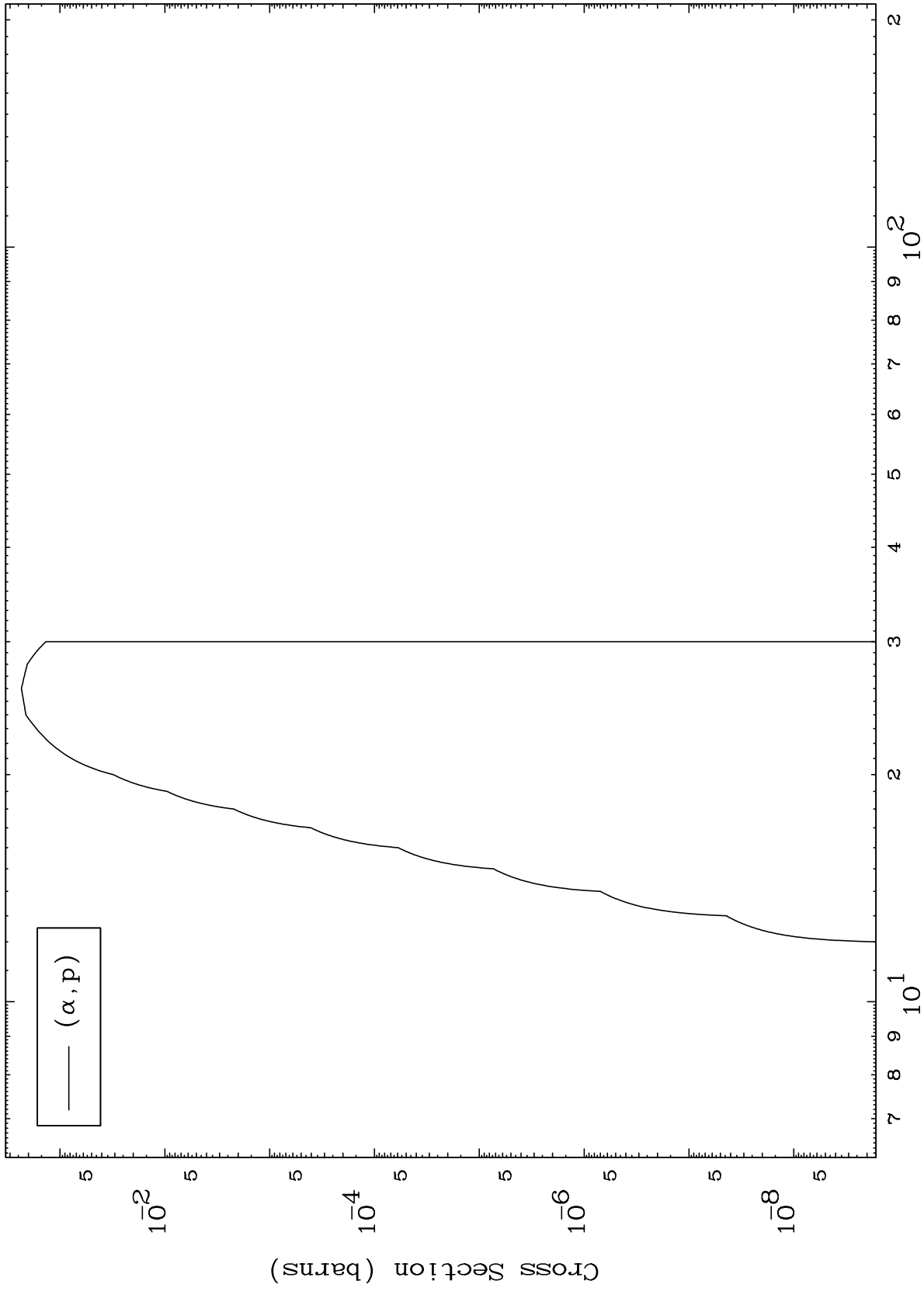
Incident Energy (MeV)

79-Au-181

MAT 7877

(α, p) Levels
0 Kelvin Cross Sections

79-Au-181



6

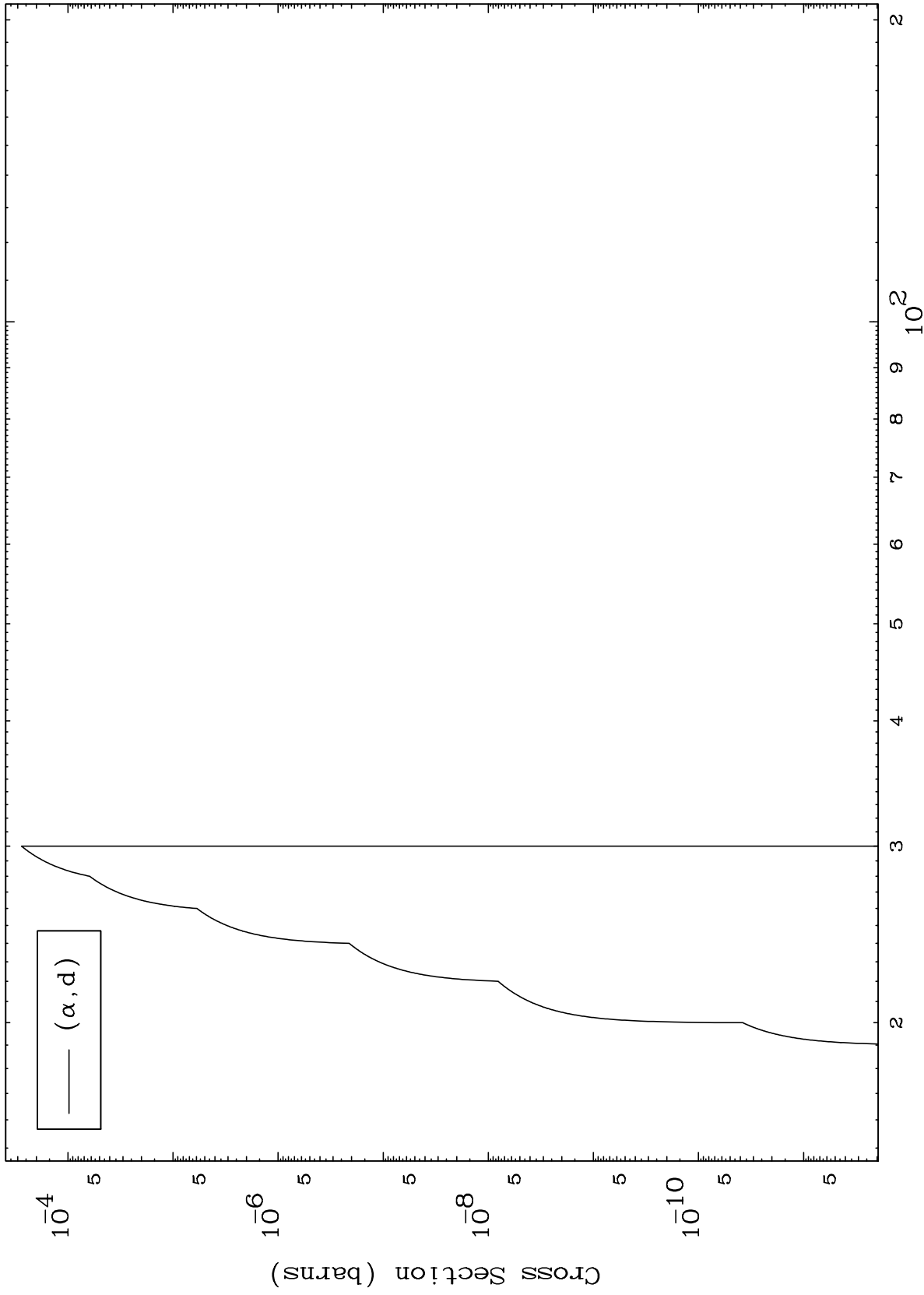
Incident Energy (MeV)

79-Au-181

MAT 7877

(α, d) Levels
0 Kelvin Cross Sections

⁷⁹Au-181



7

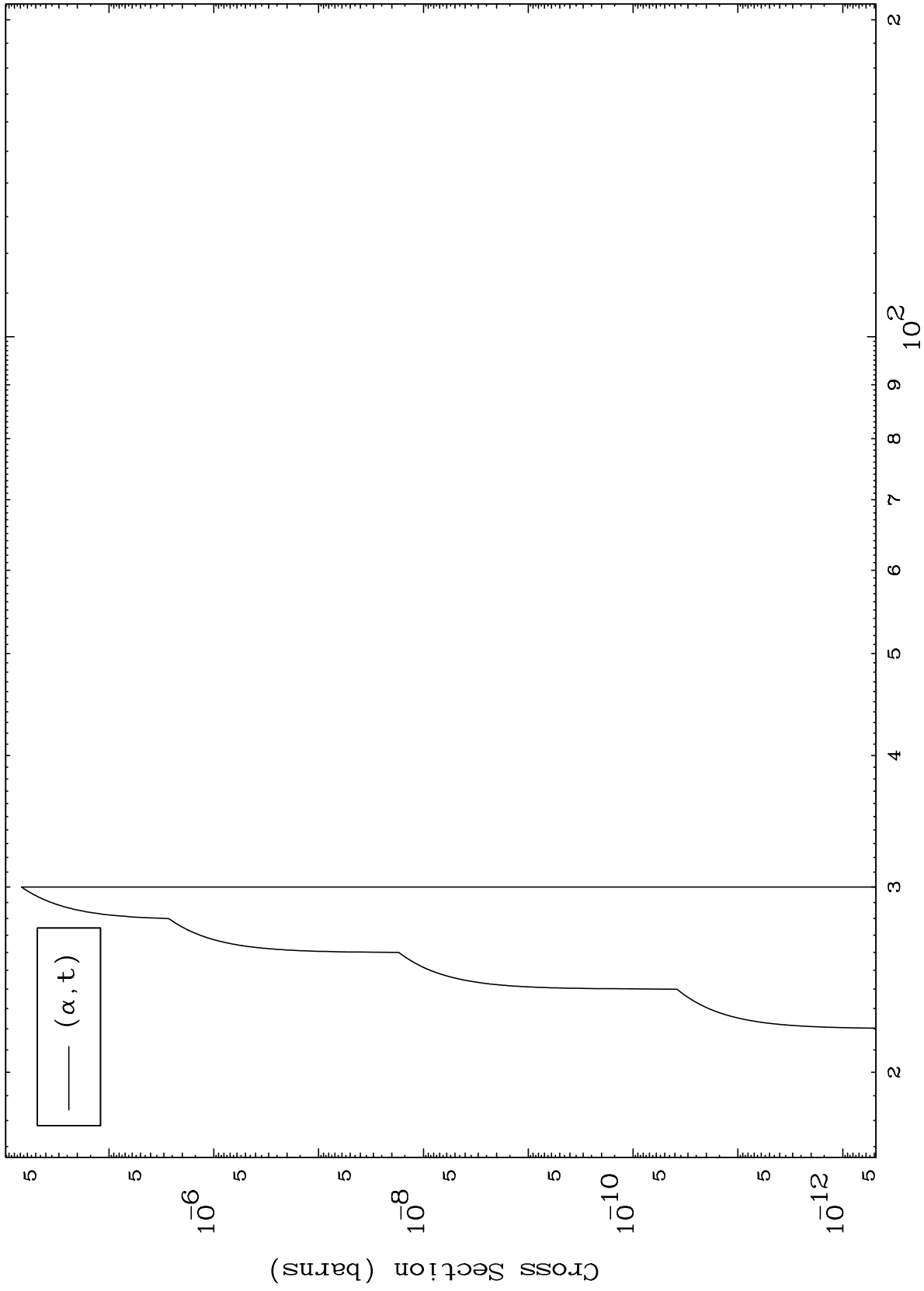
Incident Energy (MeV)

⁷⁹Au-181

MAT 7877

(α, t) Levels
0 Kelvin Cross Sections

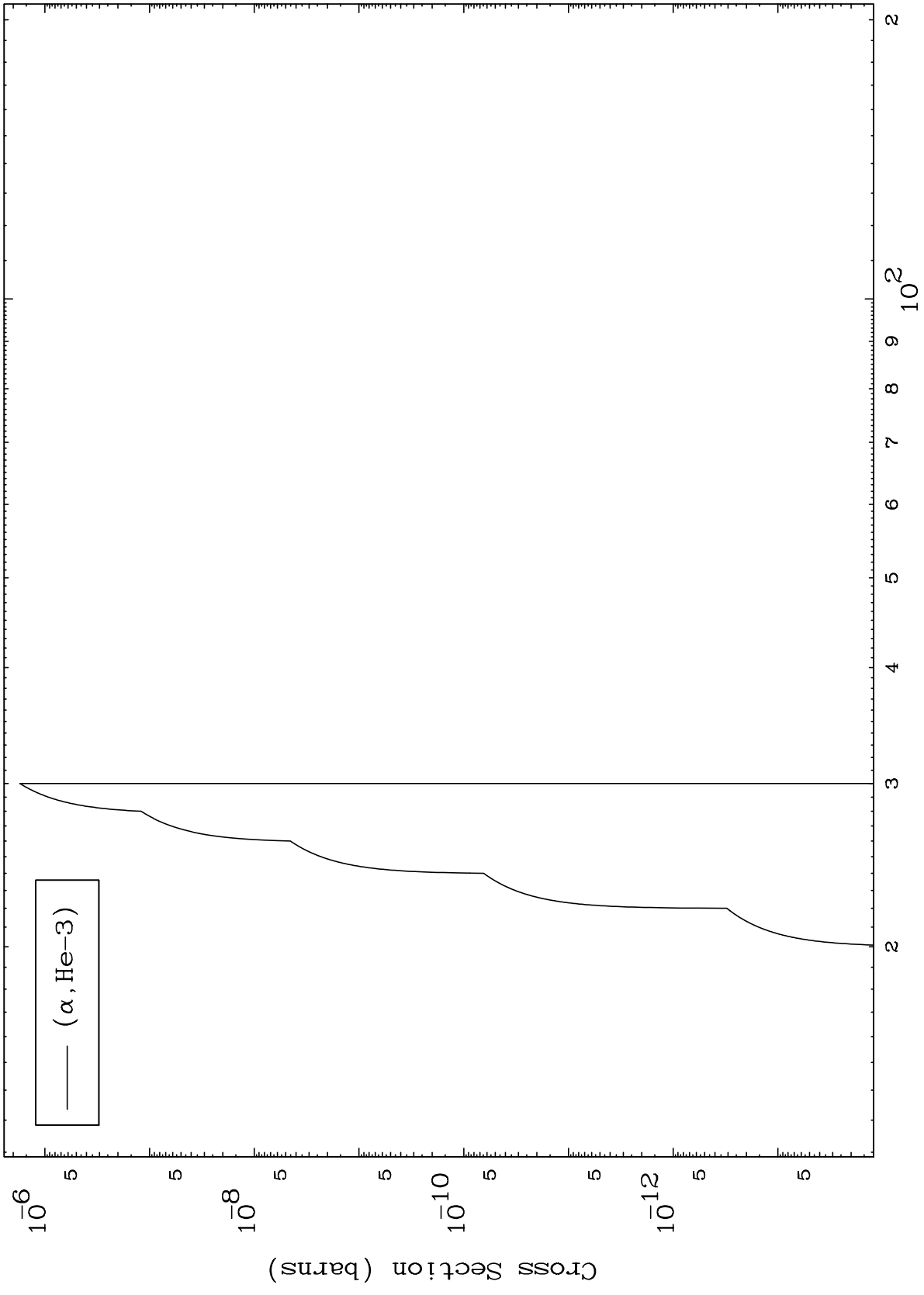
79-Au-181



8

Incident Energy (MeV)

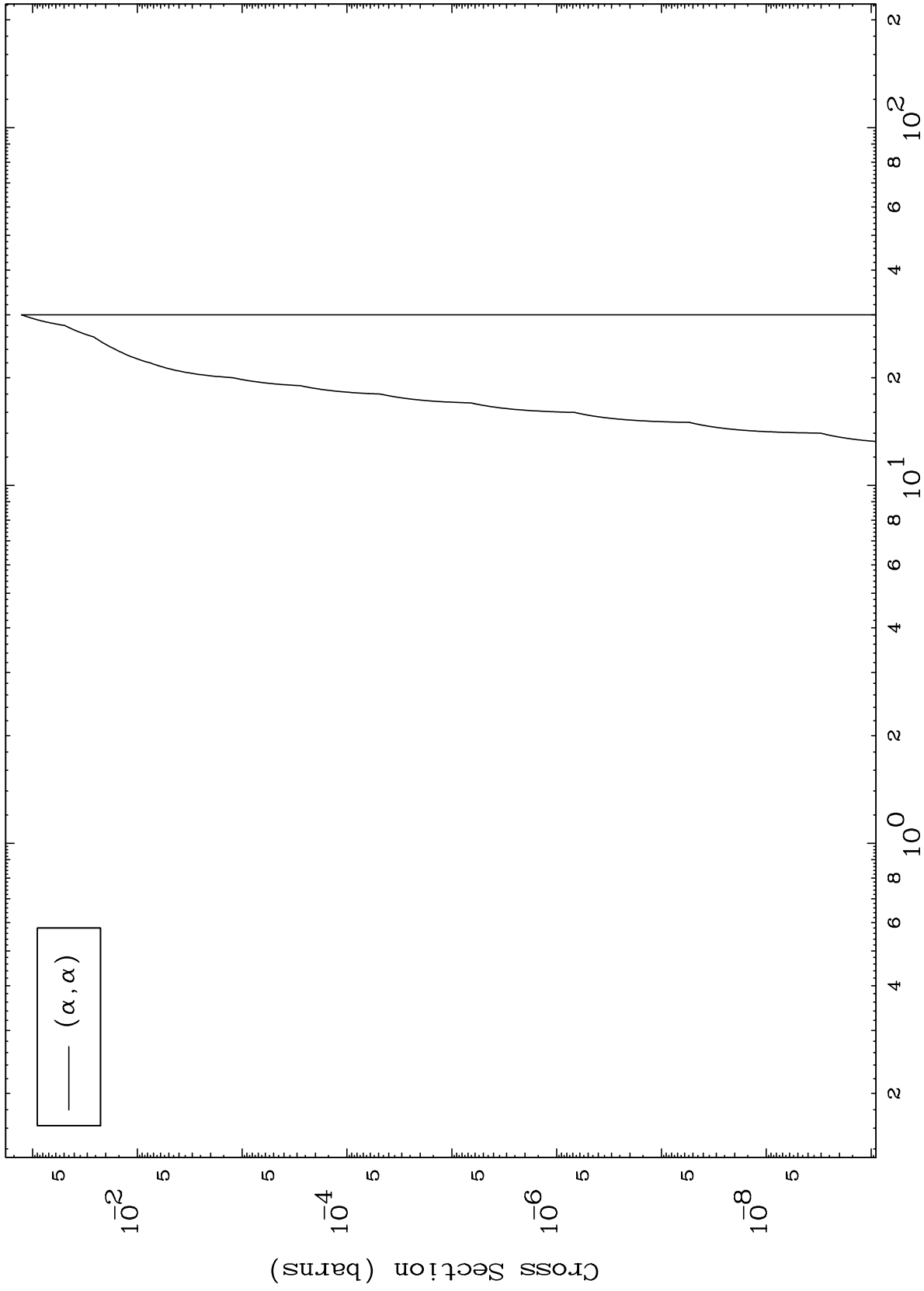
79-Au-181



MAT 7877

(α, α) Levels
0 Kelvin Cross Sections

79-Au-181



10

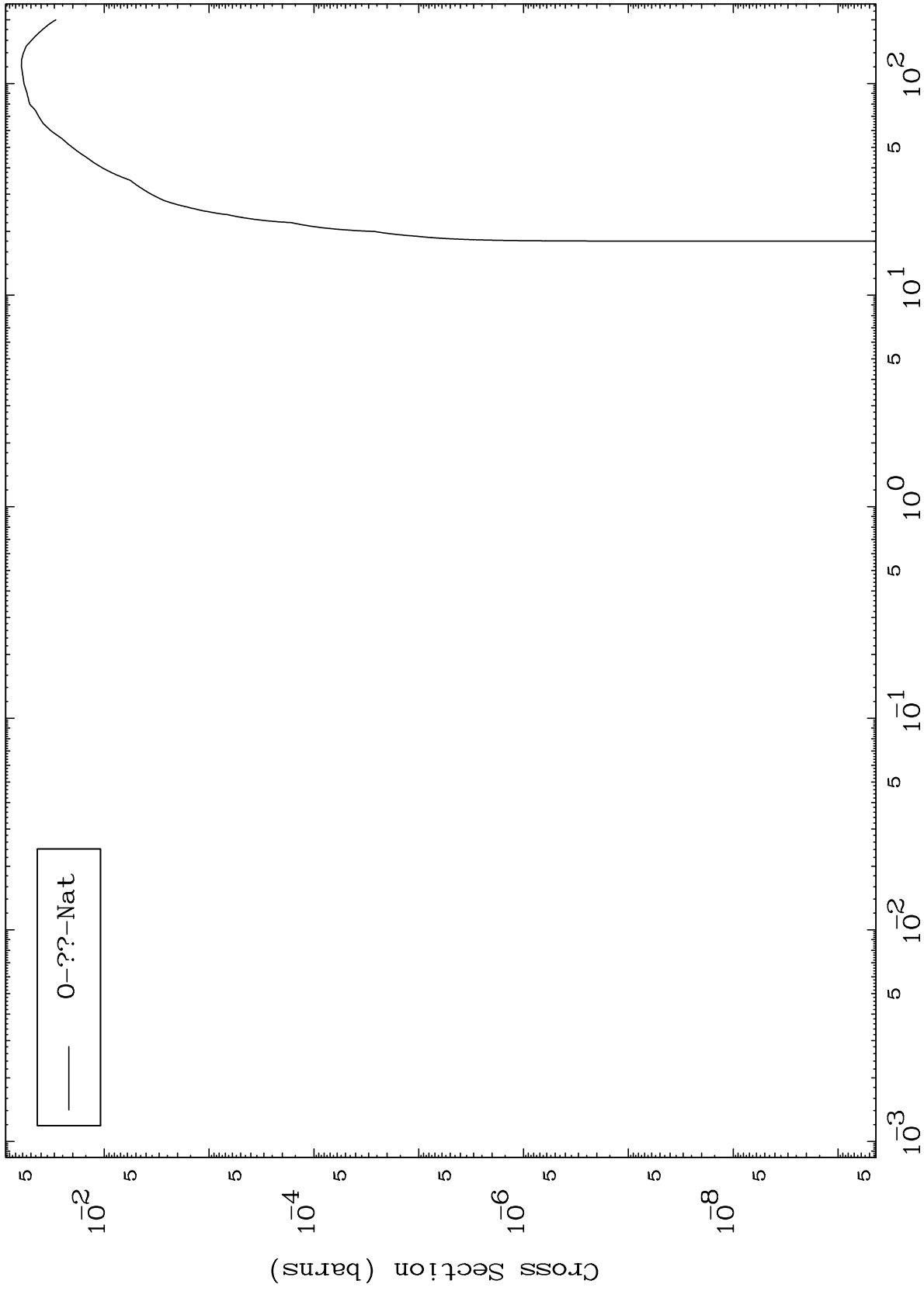
Incident Energy (MeV)

79-Au-181

MAT 7877

α Fission
Radionuclide Production Cross Section

79-Au-181



11

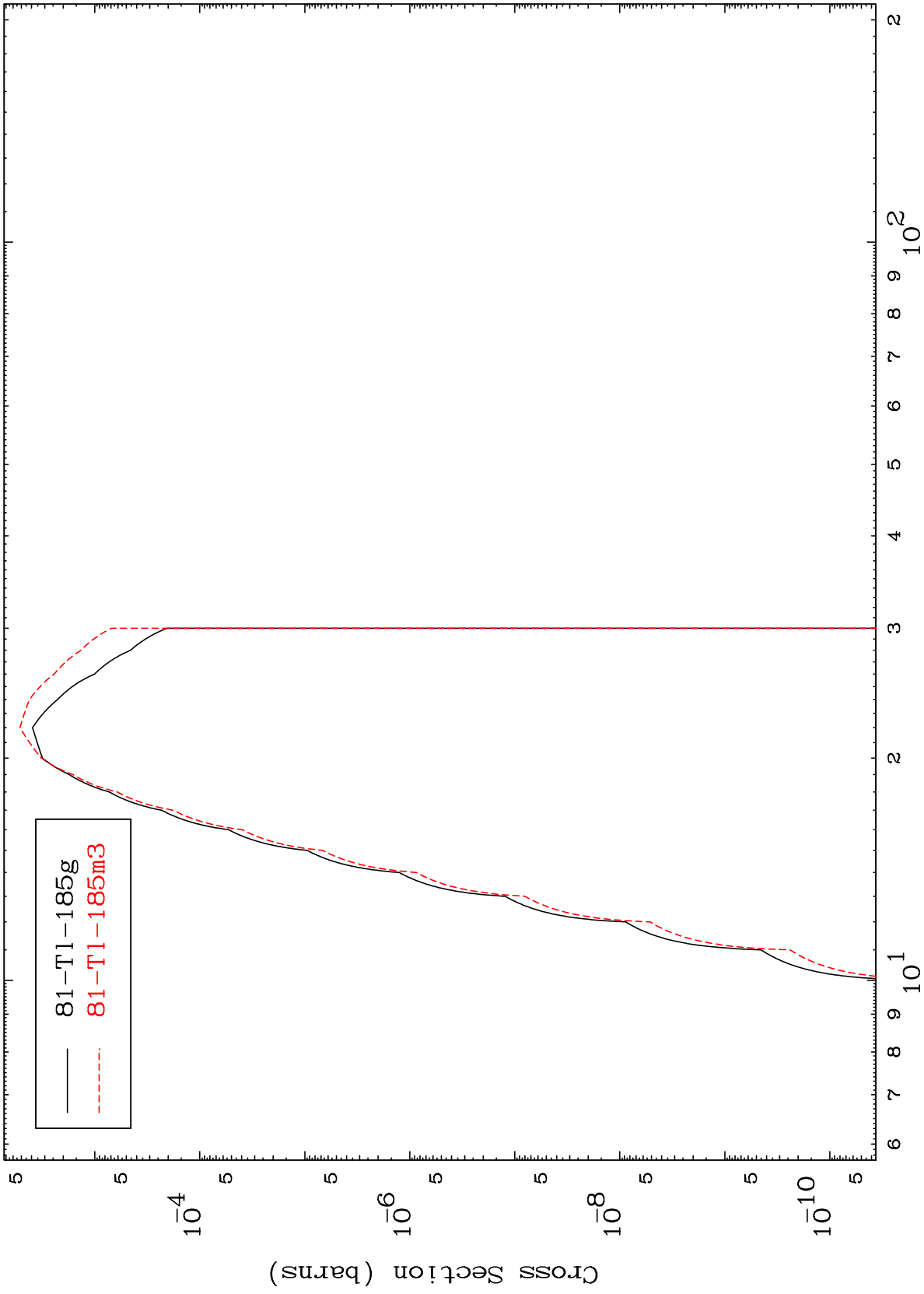
Incident Energy (MeV)

79-Au-181

MAT 7877

79-Au-181

(α, γ)
Radionuclide Production Cross Section



12

79-Au-181