

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

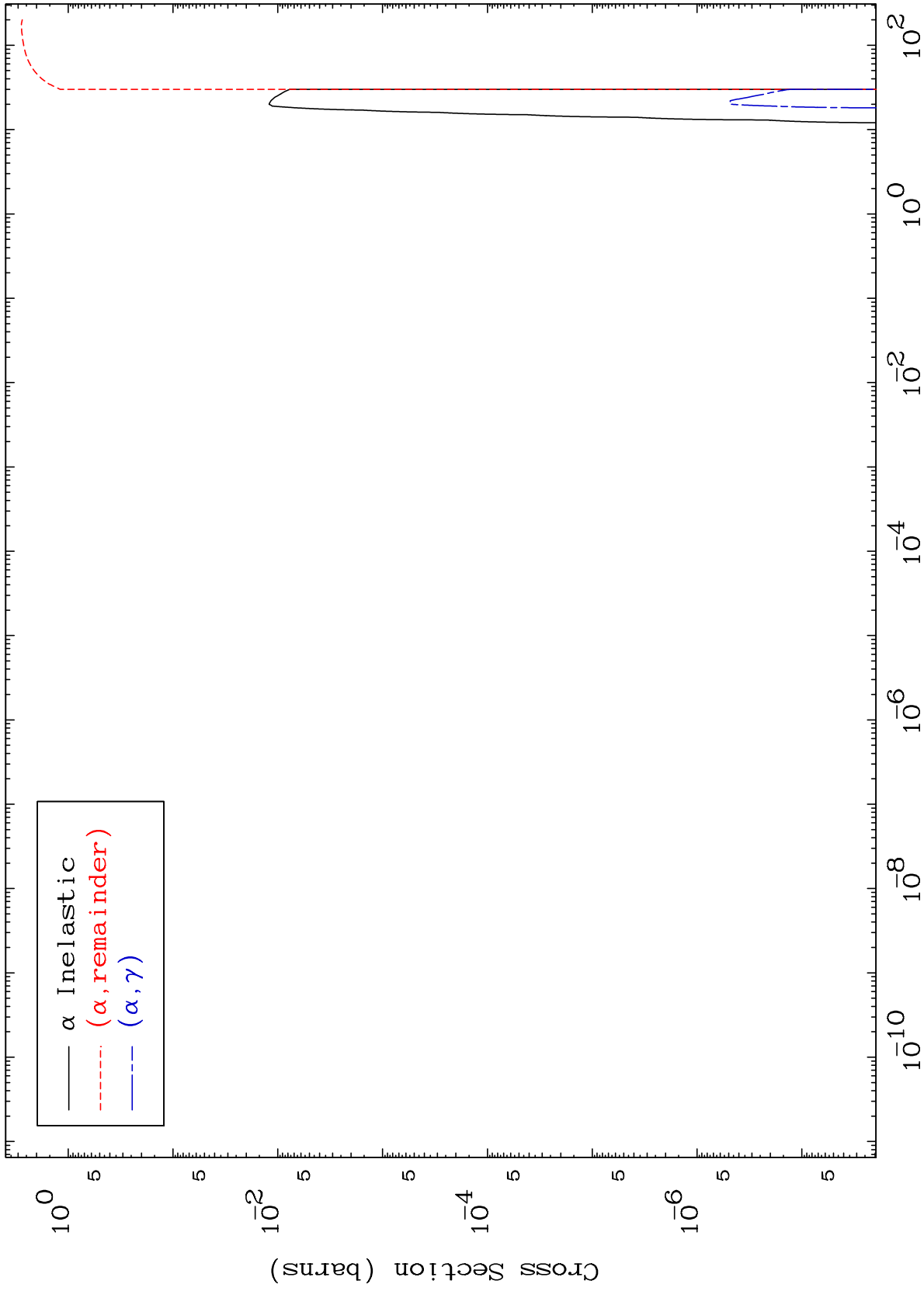
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7940

0 Kelvin α Major
Cross Sections

79-Au-202



1

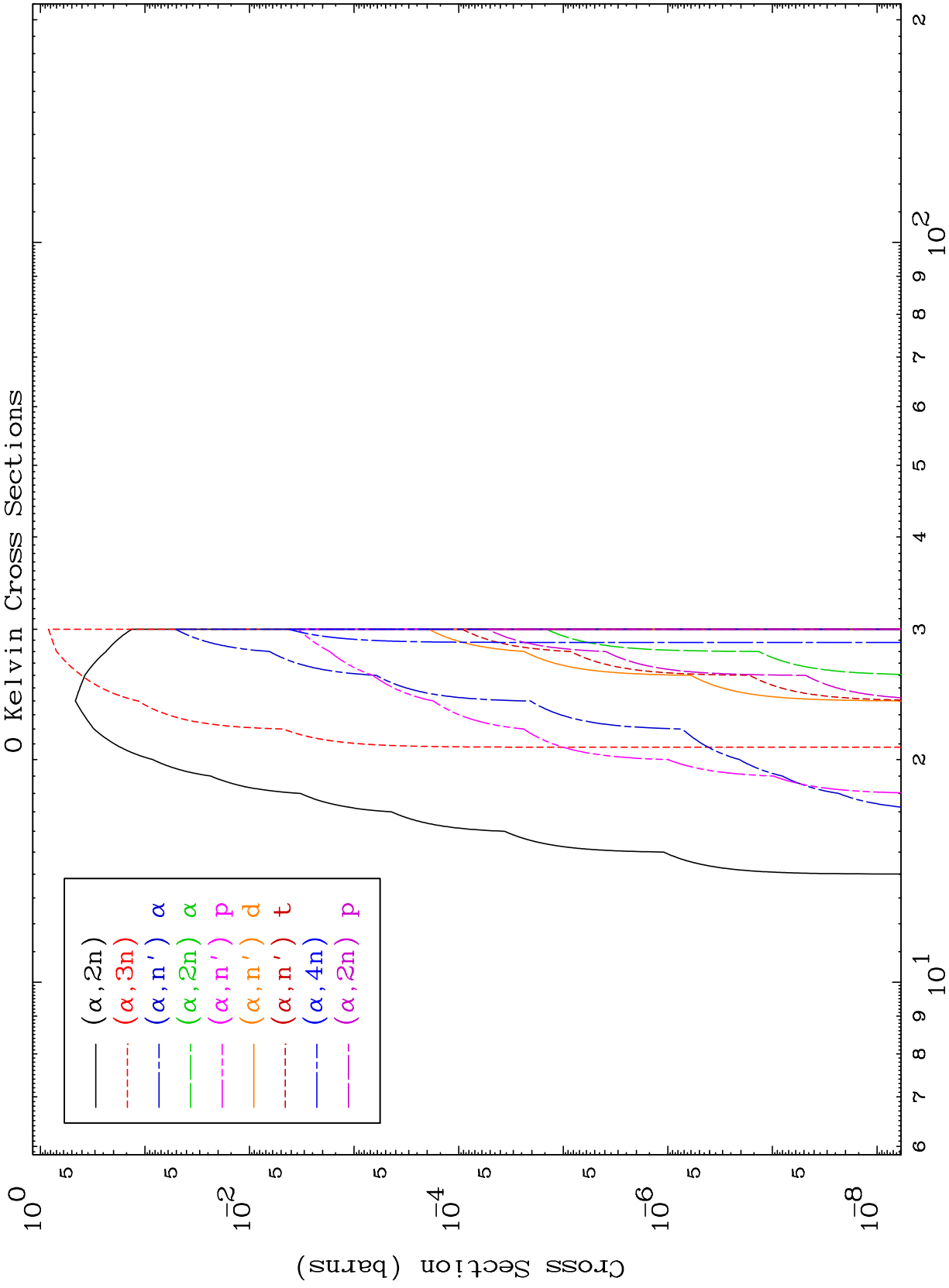
Incident Energy (MeV)

79-Au-202

MAT 7940

α Neutron Production
0 Kelvin Cross Sections

79-Au-202



2

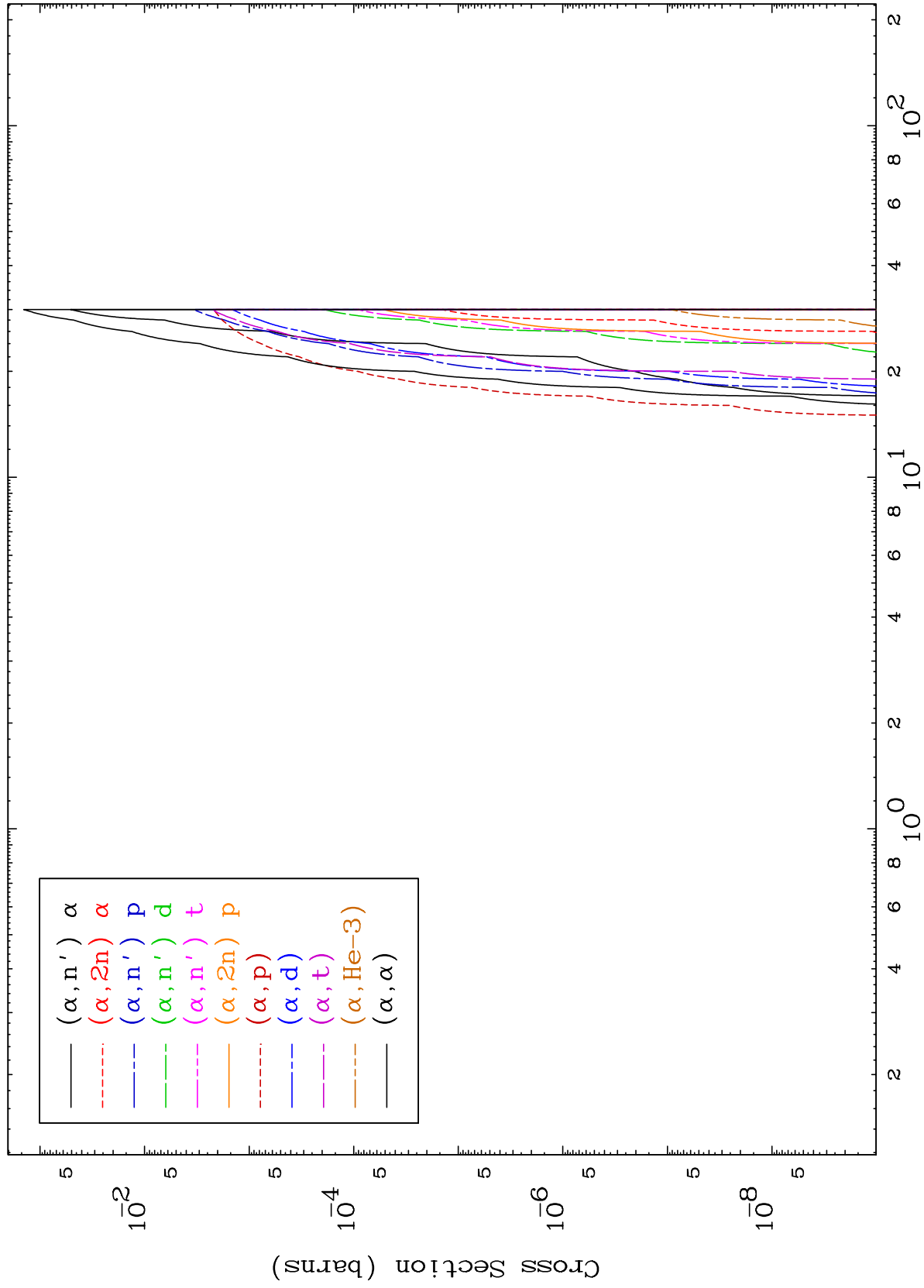
Incident Energy (MeV)

79-Au-202

MAT 7940

α Charged Particle
0 Kelvin Cross Sections

79-Au-202



3

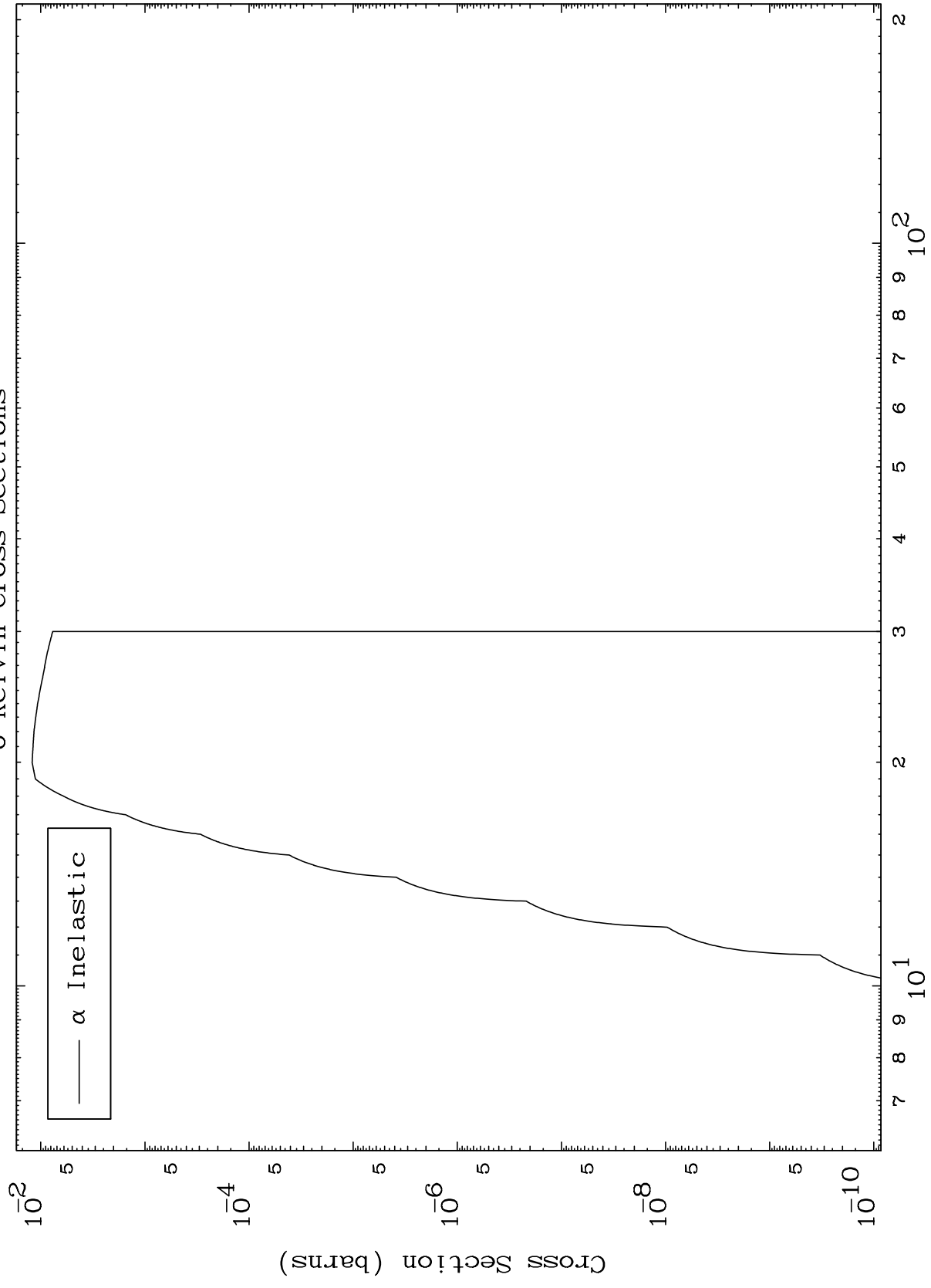
Incident Energy (MeV)

79-Au-202

MAT 7940

(α, n') Level
0 Kelvin Cross Sections

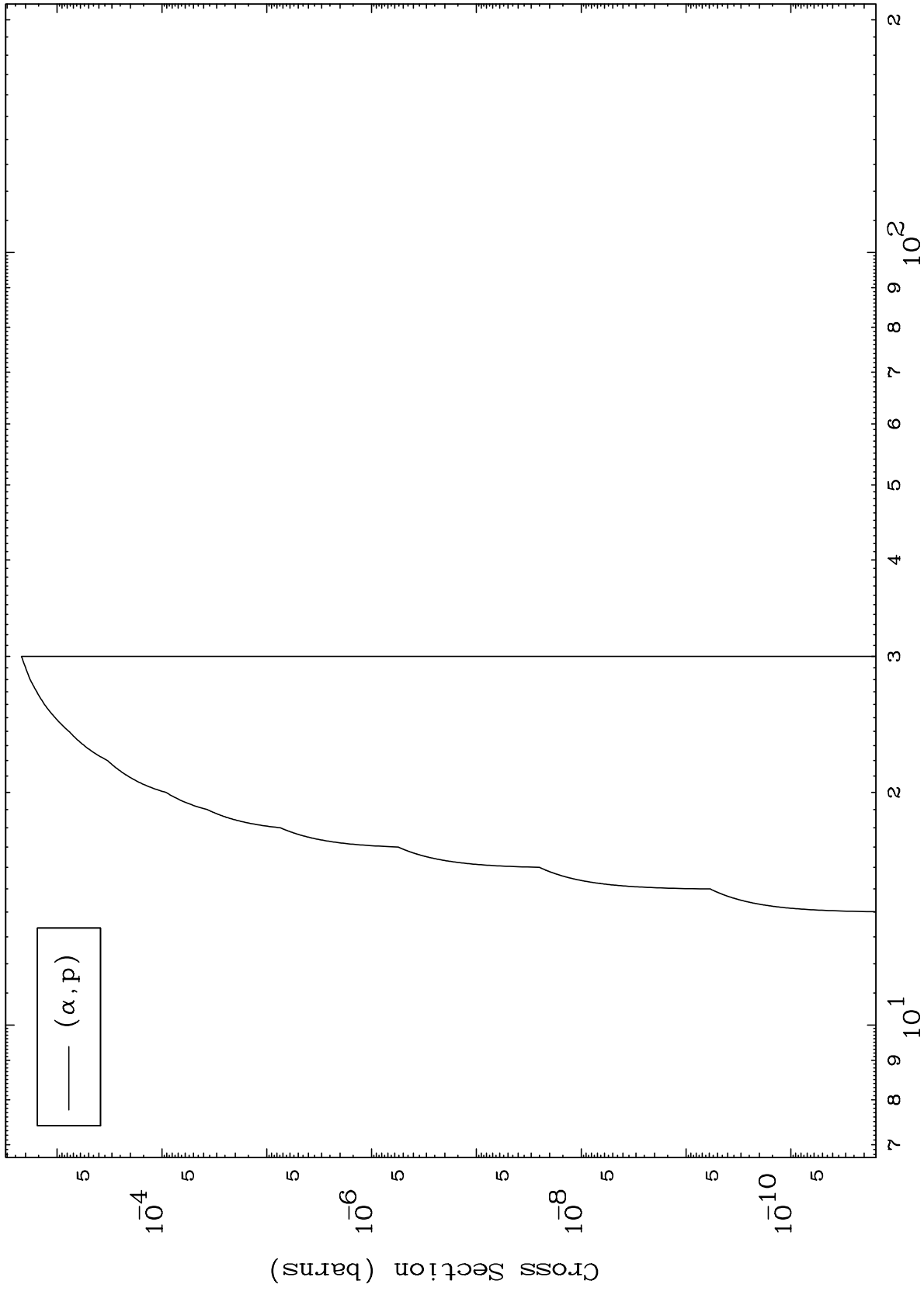
79-Au-202



MAT 7940

(α, p) Levels
0 Kelvin Cross Sections

79-Au-202



5

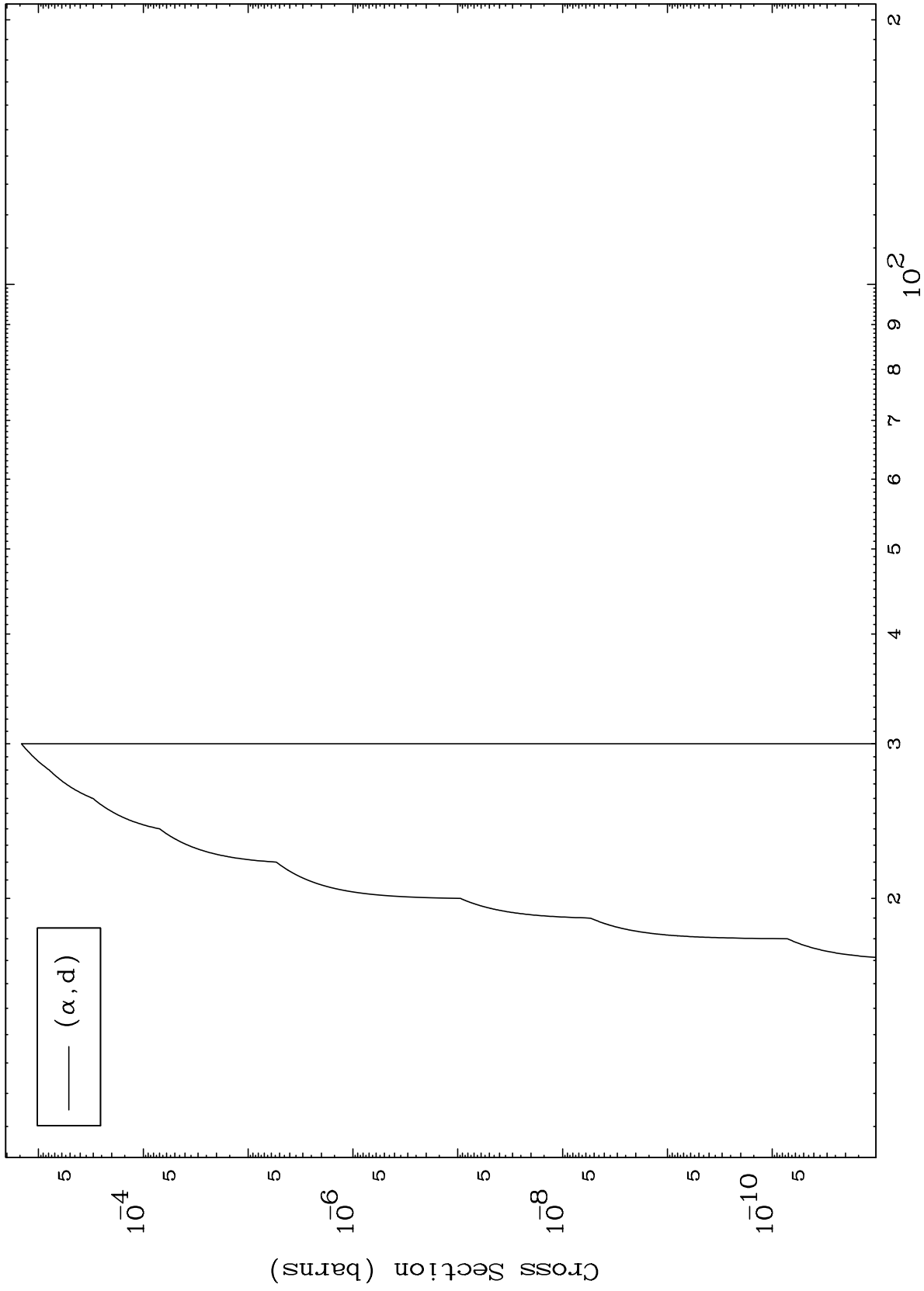
Incident Energy (MeV)

79-Au-202

MAT 7940

(α, d) Levels
0 Kelvin Cross Sections

79-Au-202



6

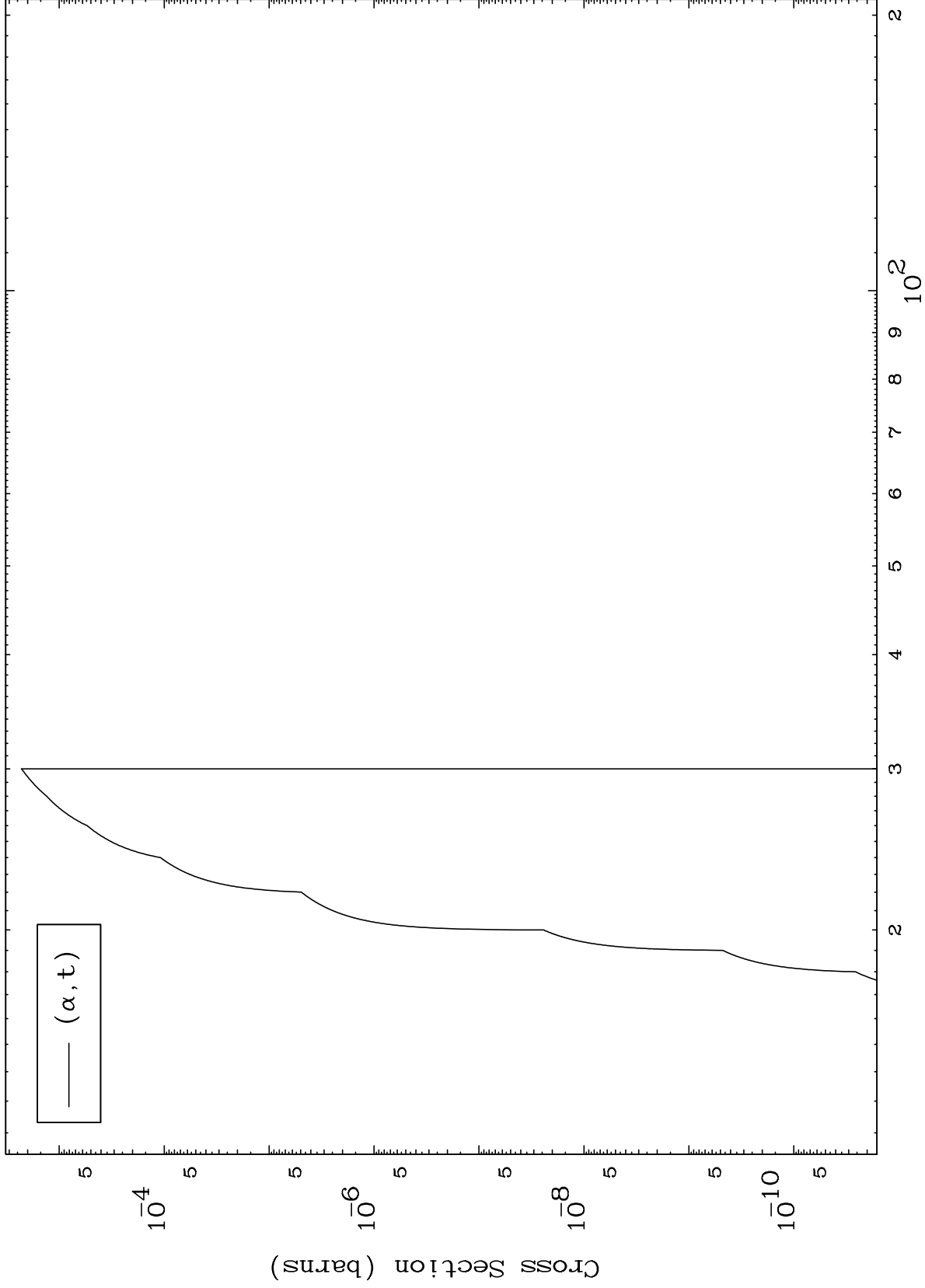
Incident Energy (MeV)

79-Au-202

MAT 7940

(α, t) Levels
0 Kelvin Cross Sections

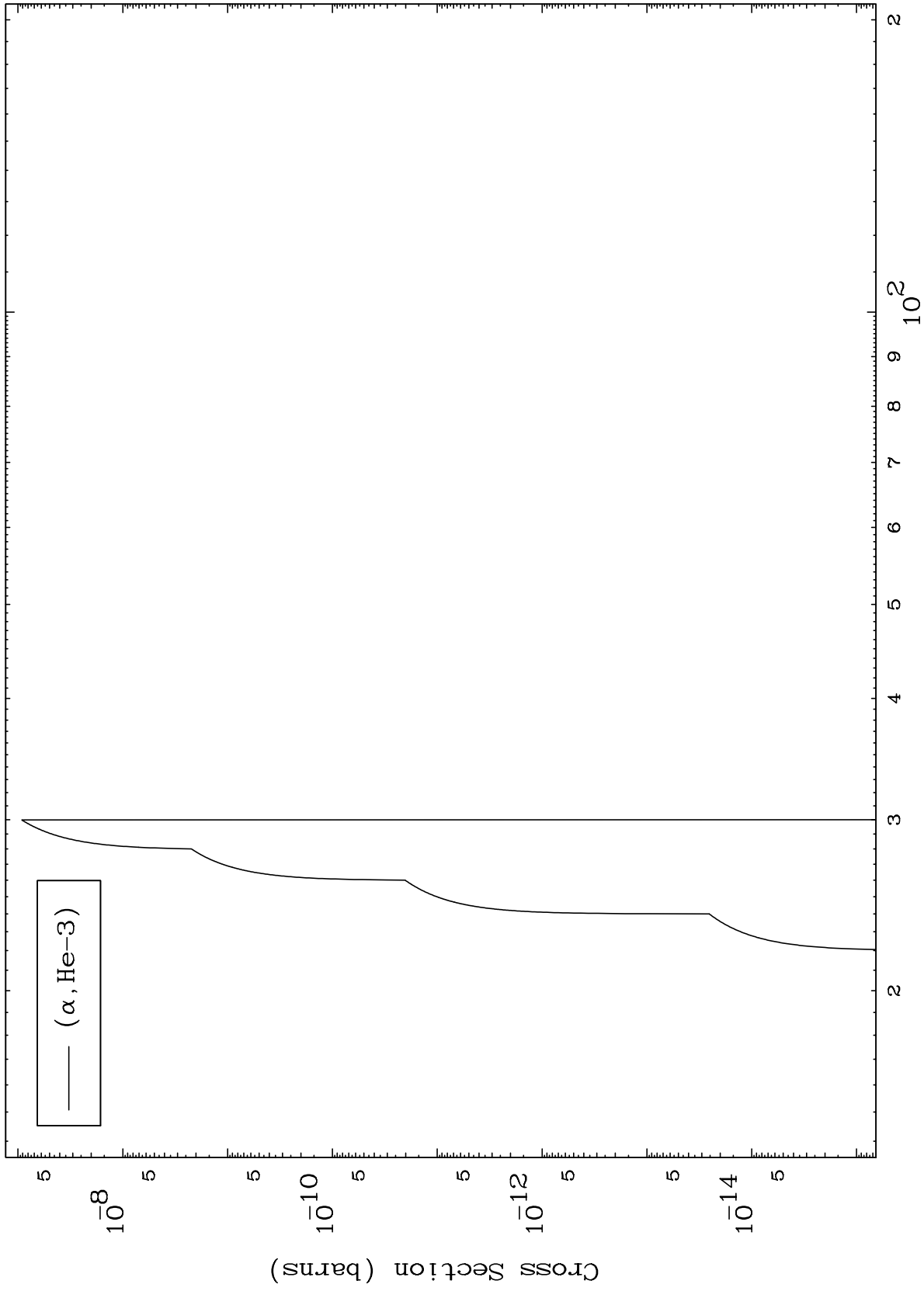
79-Au-202



7

Incident Energy (MeV)

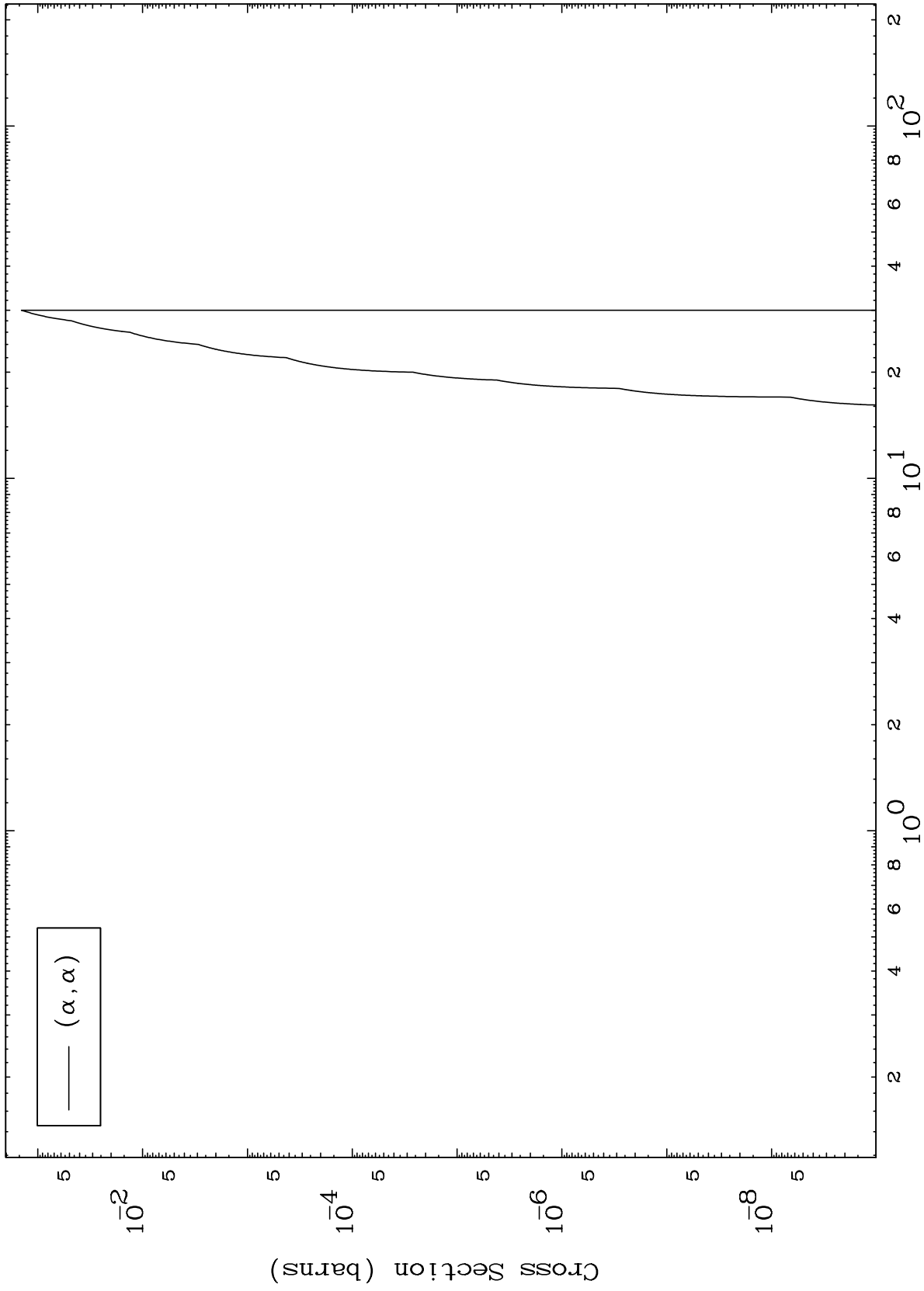
79-Au-202



MAT 7940

(α, α) Levels
0 Kelvin Cross Sections

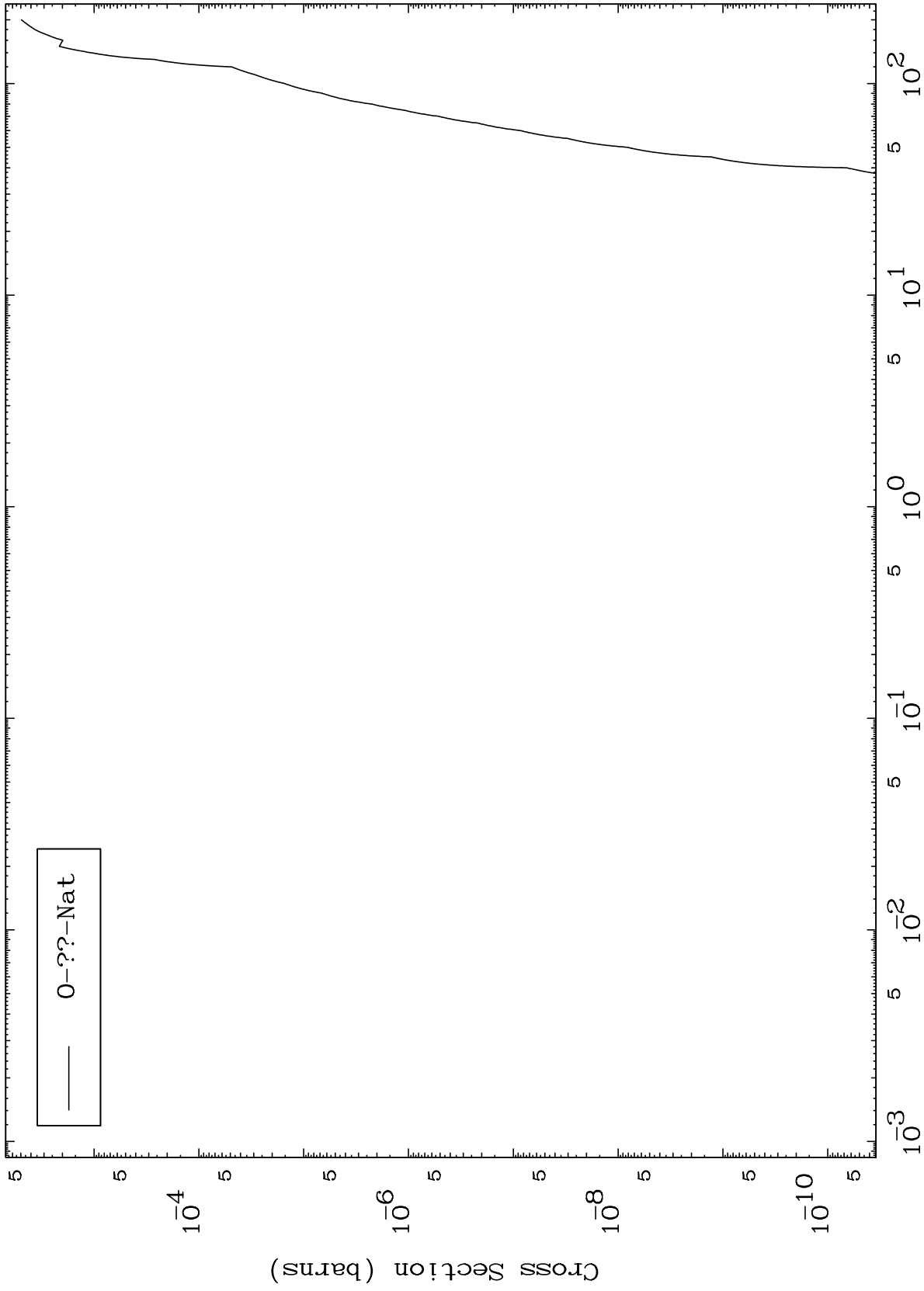
79-Au-202



MAT 7940

α Fission
Radionuclide Production Cross Section

79-Au-202



Incident Energy (MeV)

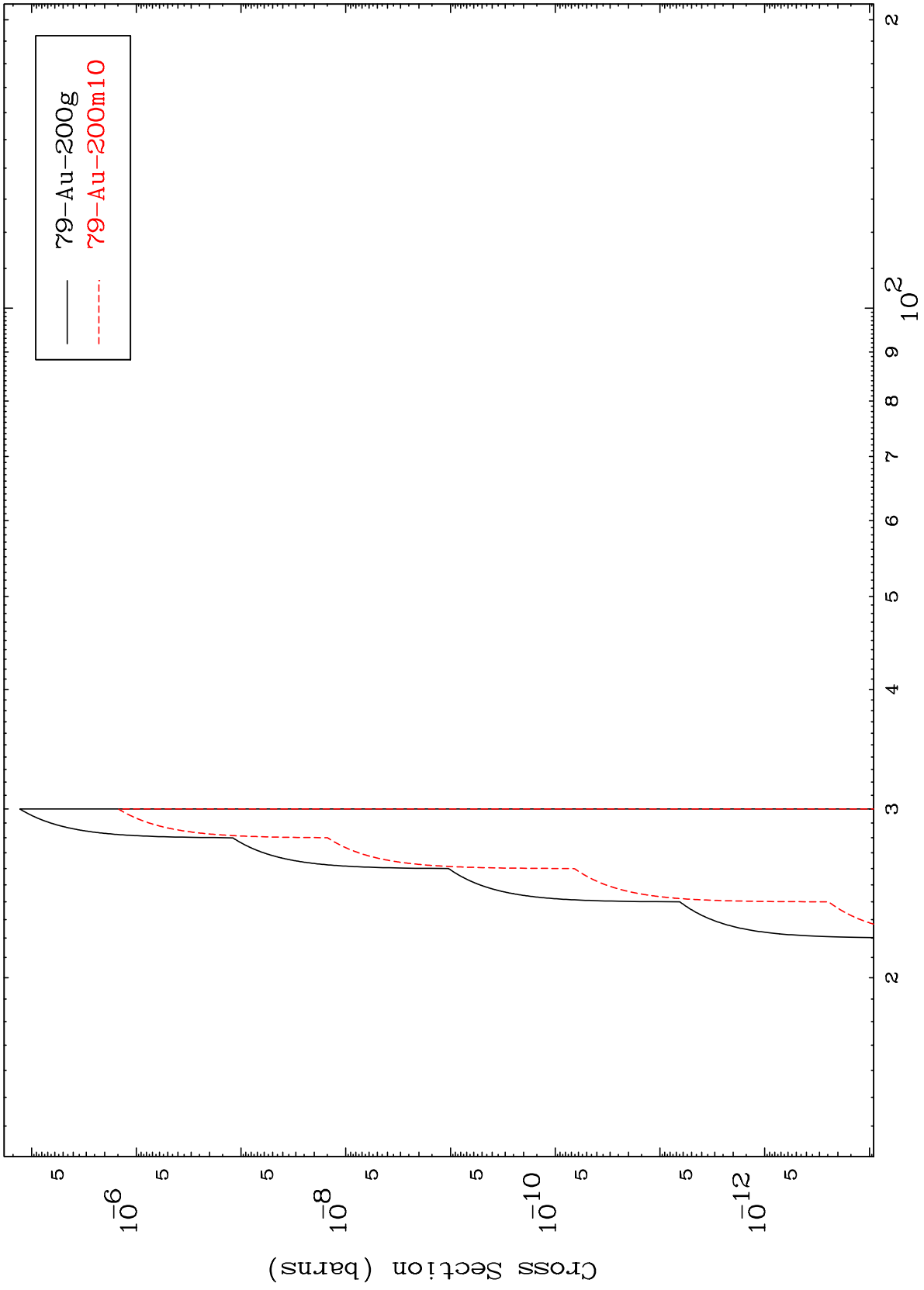
79-Au-202

MAT 7940

$(\alpha, 2n) \alpha$

$^{79}\text{Au-202}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

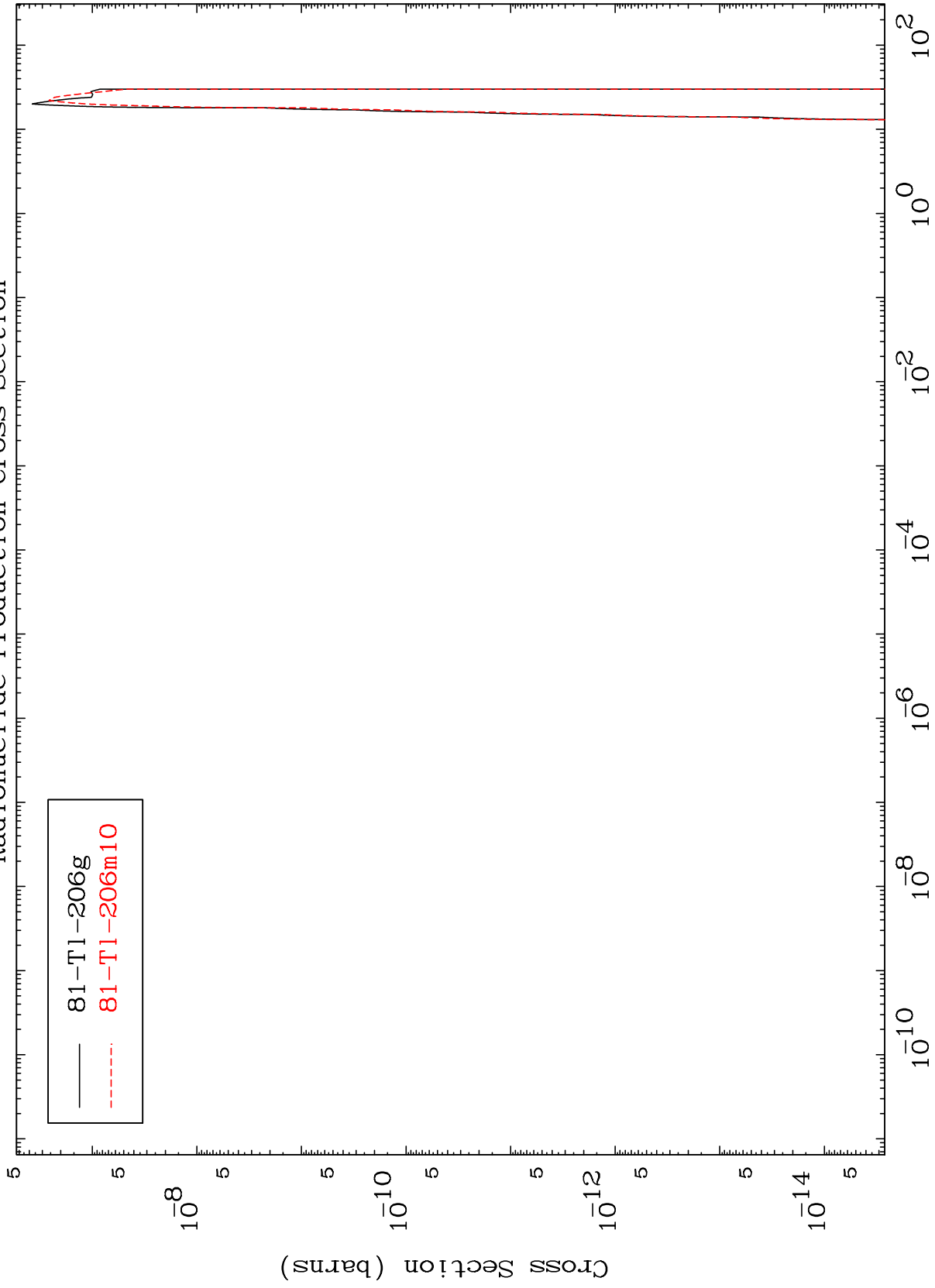
$^{79}\text{Au-202}$

MAT 7940

(α, γ)

79-Au-202

Radionuclide Production Cross Section



12

Incident Energy (MeV)

79-Au-202