

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

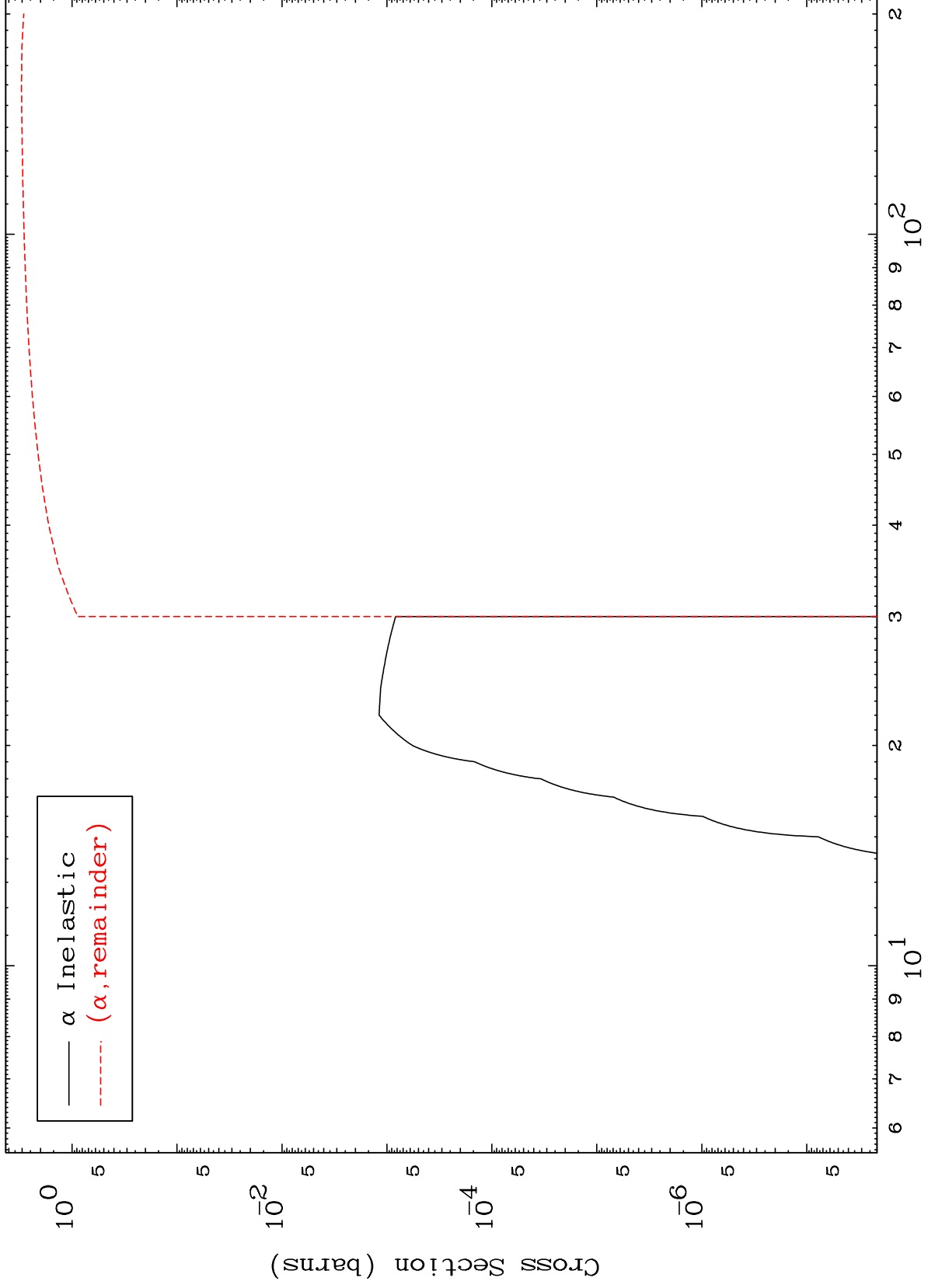
Press Mouse Button to Start

MAT 9553

0 Kelvin

α Major Cross Sections

95-Am-244



1

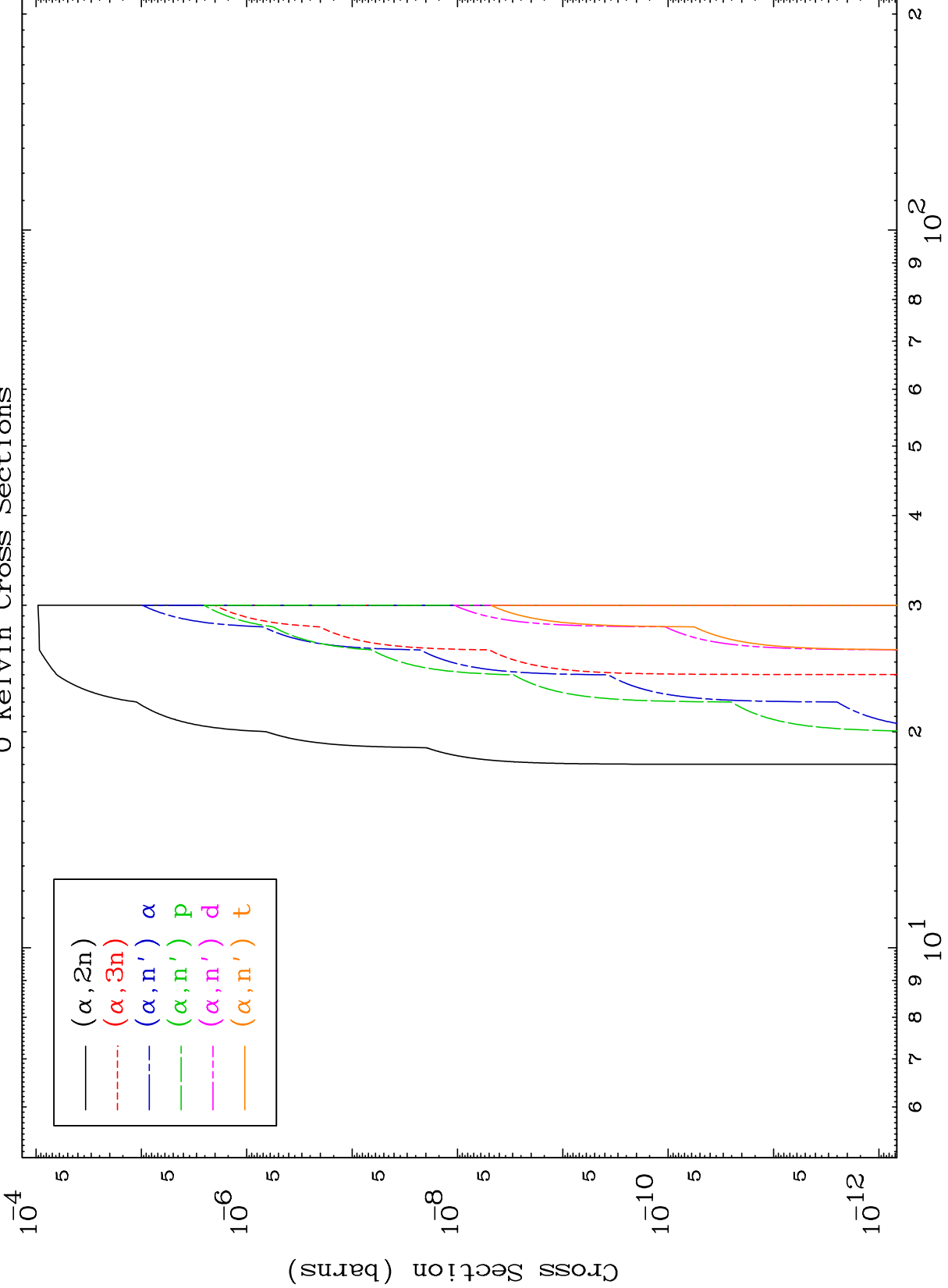
Incident Energy (MeV)

95-Am-244

MAT 9553

α Neutron Production
0 Kelvin Cross Sections

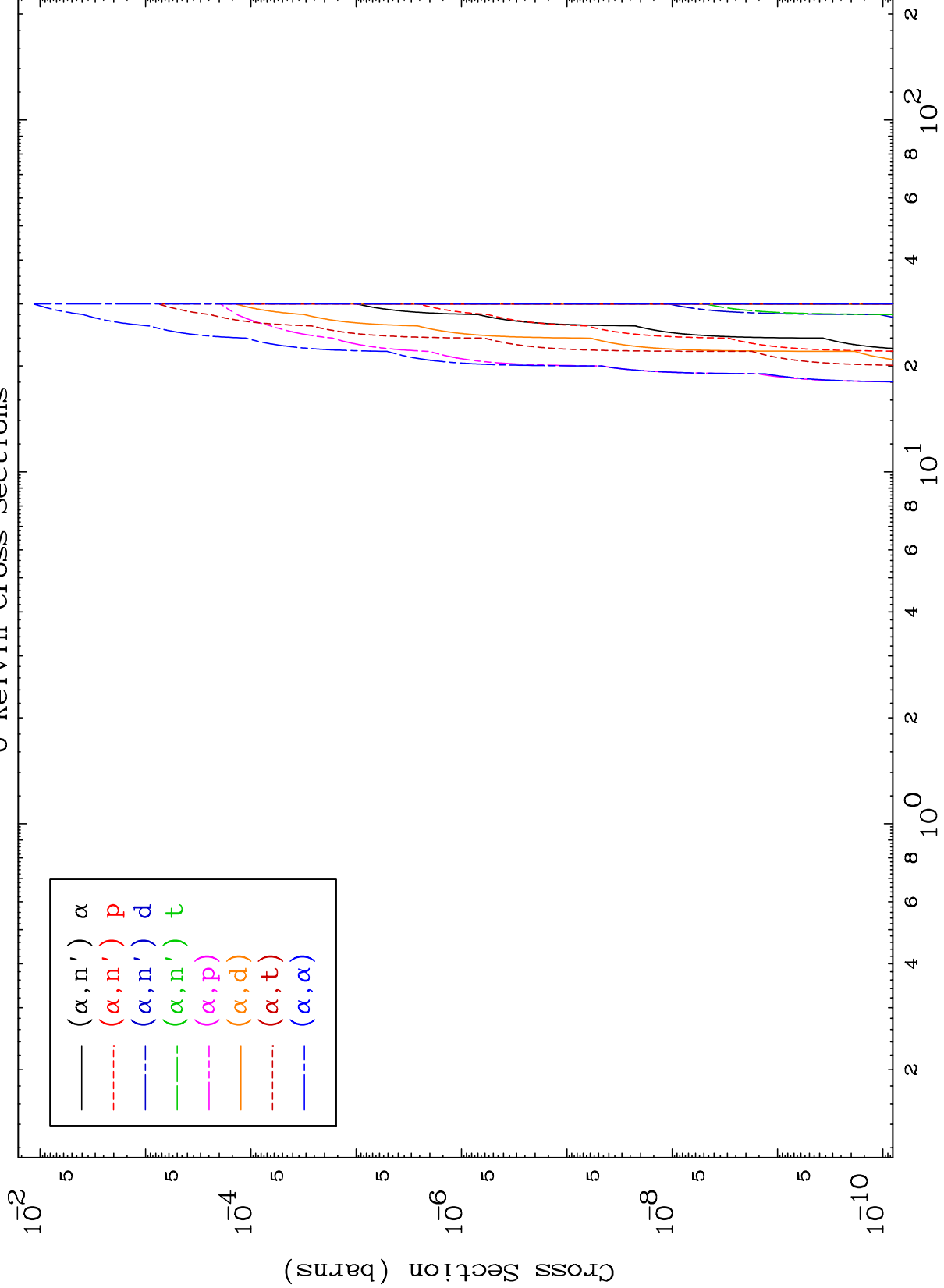
95-Am-244



MAT 9553

α Charged Particle
0 Kelvin Cross Sections

95-Am-244



95-Am-244

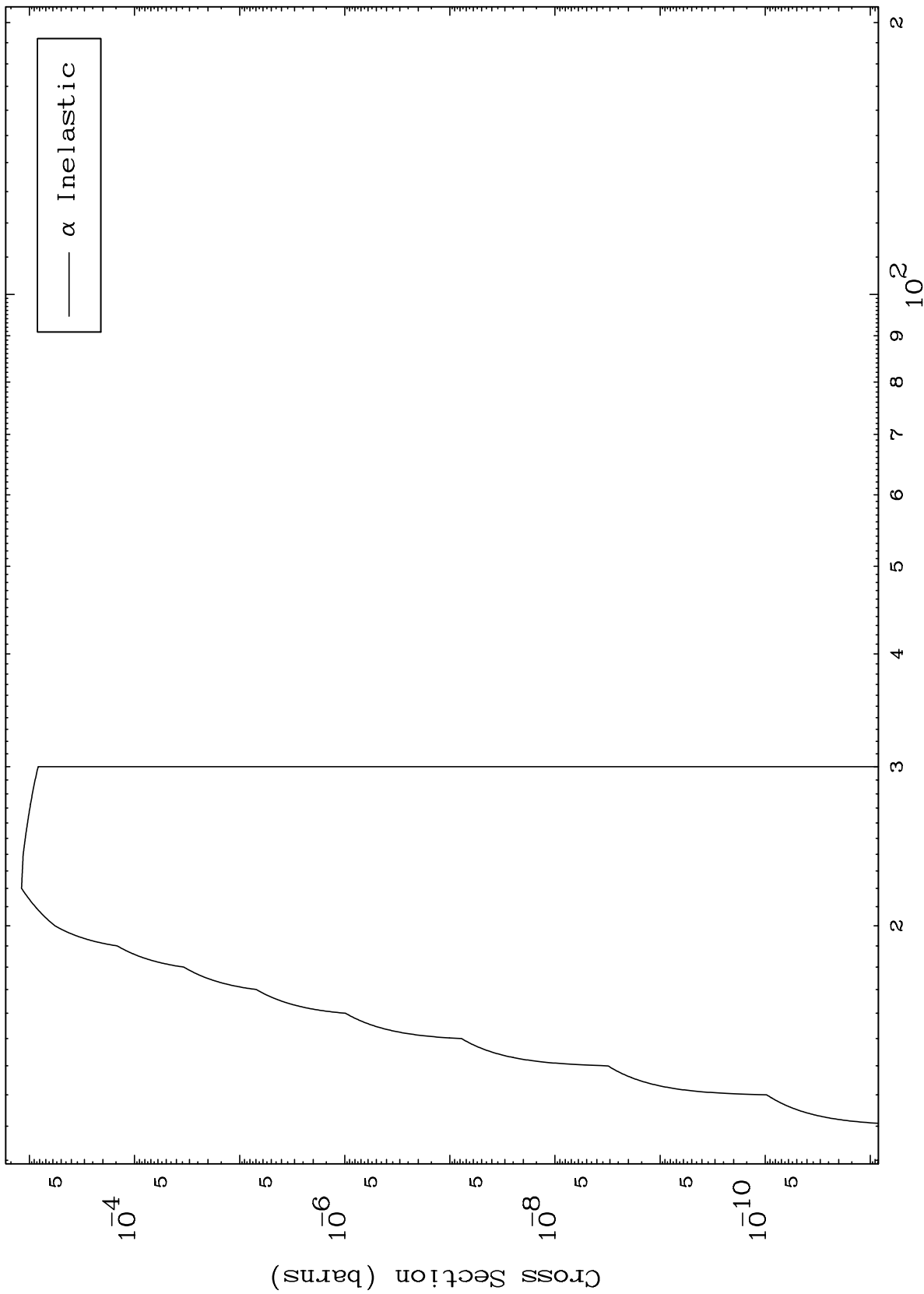
Incident Energy (MeV)

MAT 9553

(α, n') Level

95-Am-244

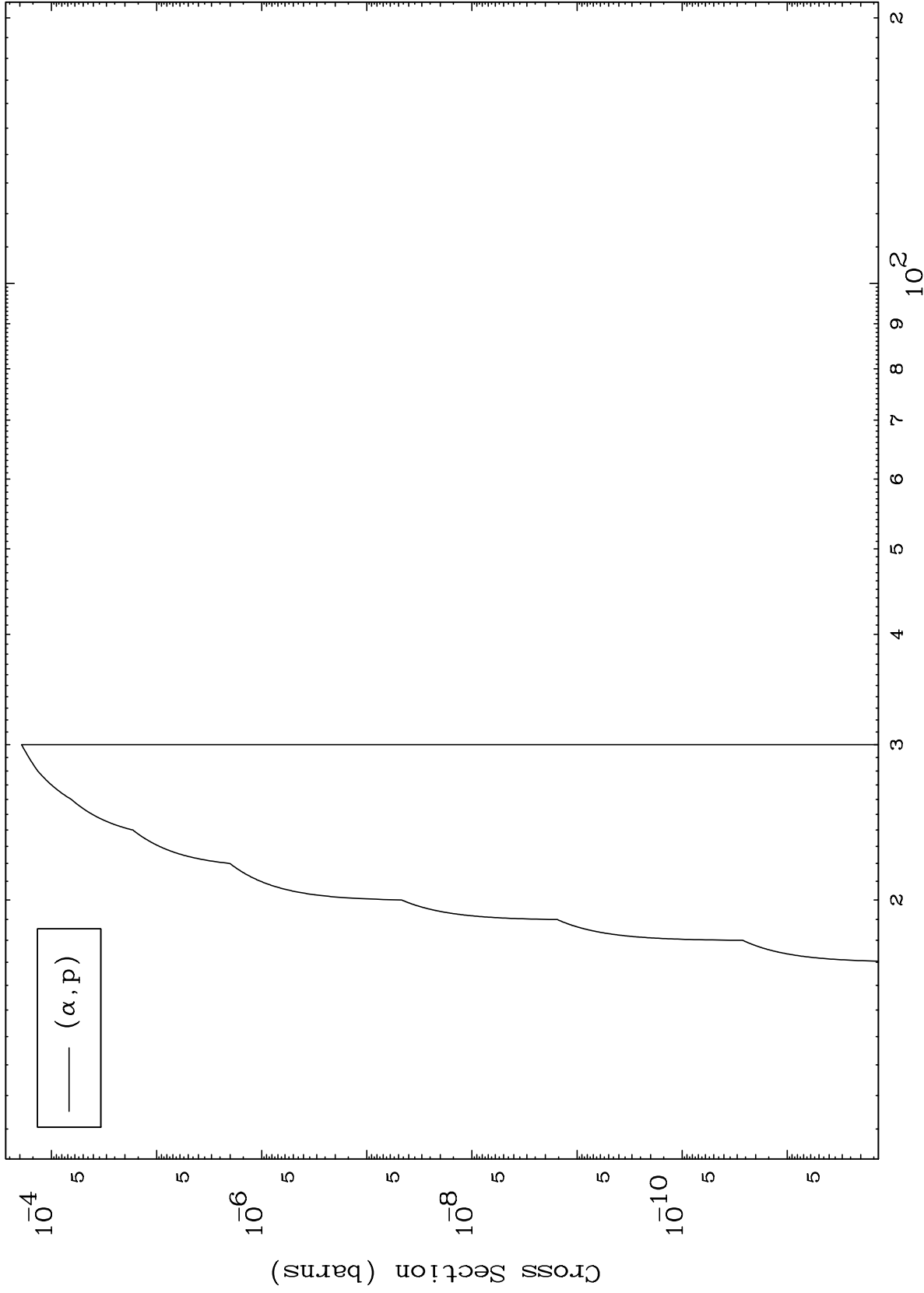
0 Kelvin Cross Sections



4

Incident Energy (MeV)

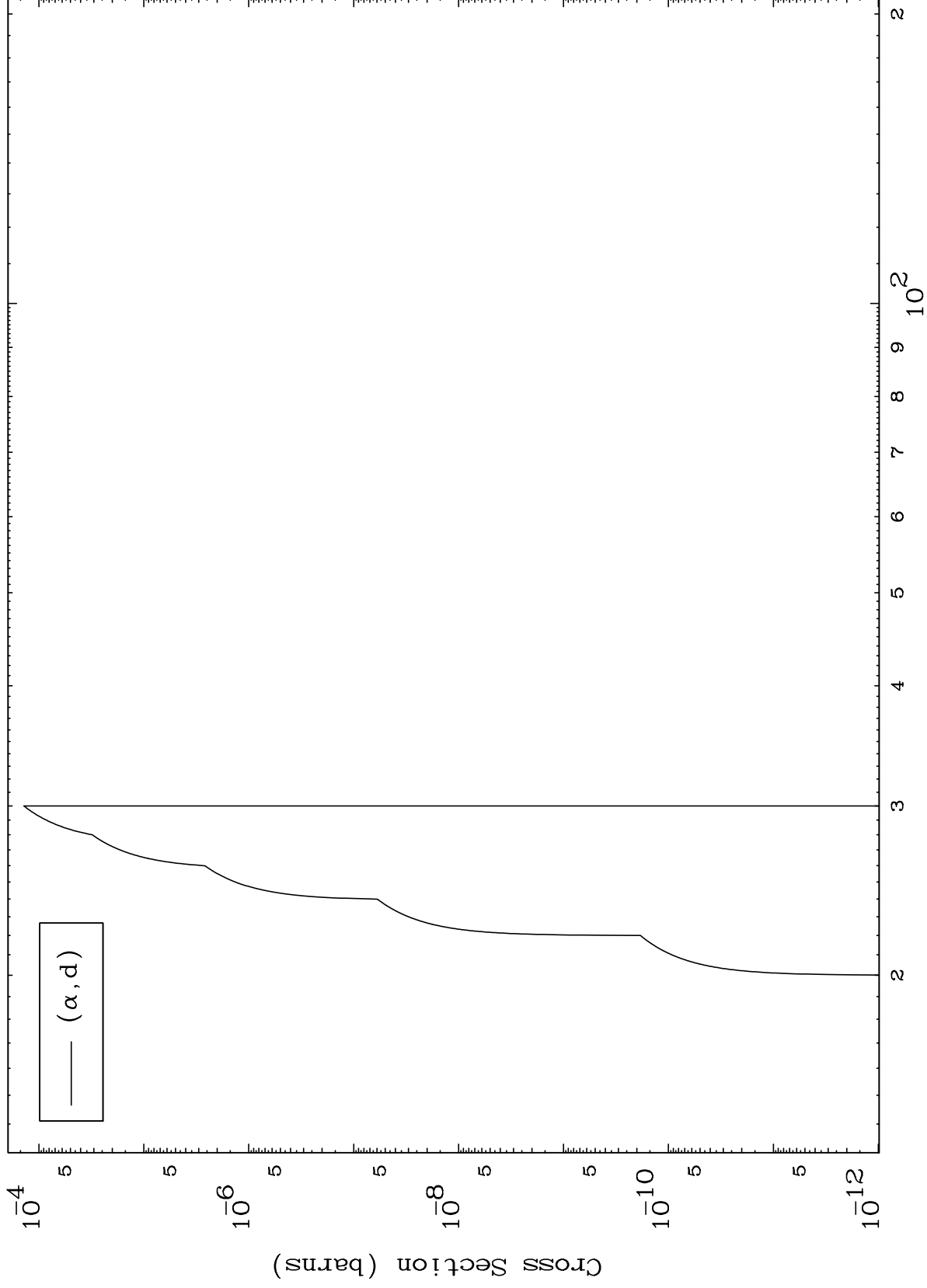
95-Am-244



MAT 9553

(α, d) Levels
0 Kelvin Cross Sections

95-Am-244



6

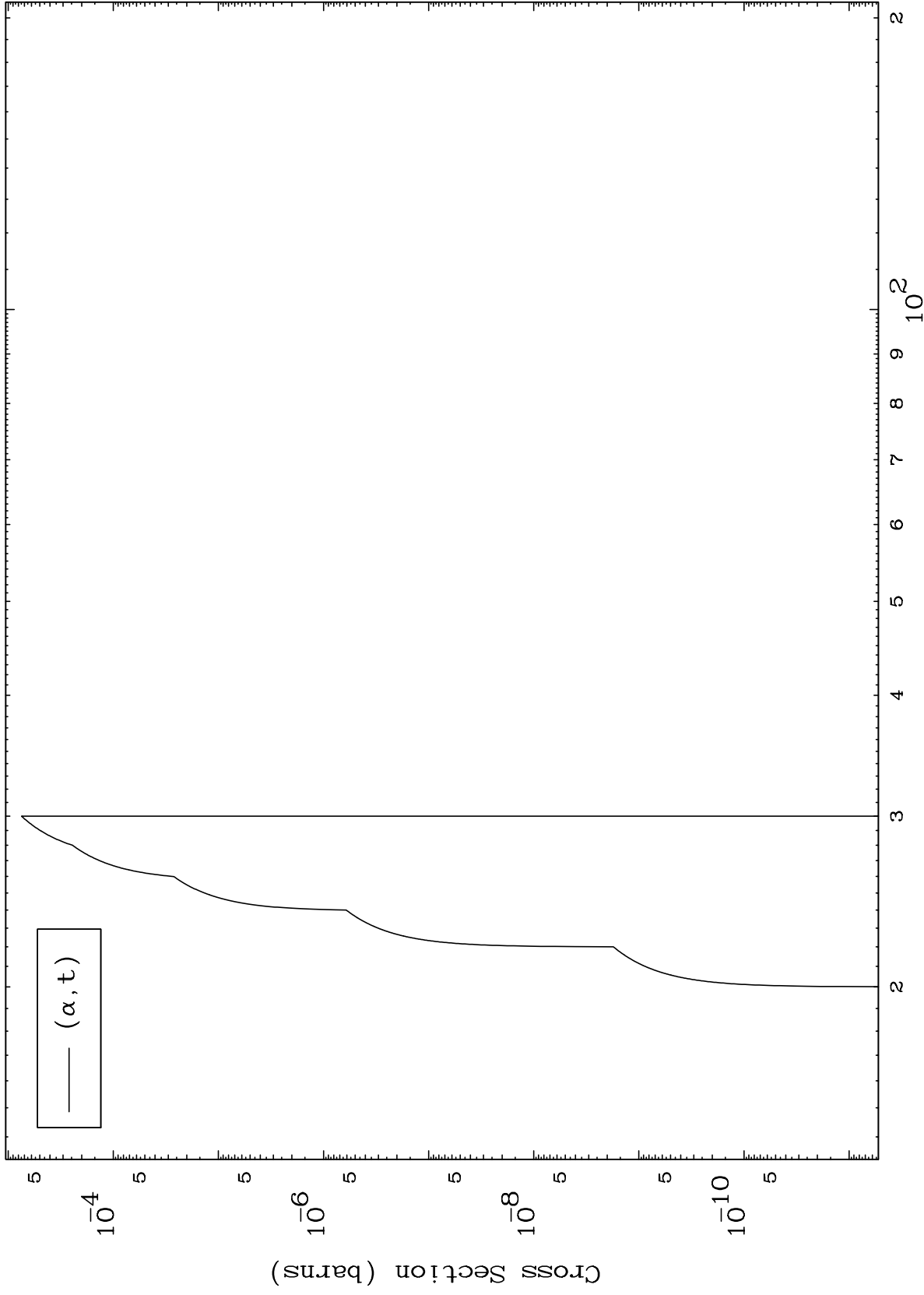
Incident Energy (MeV)

95-Am-244

MAT 9553

(α, t) Levels
0 Kelvin Cross Sections

95-Am-244

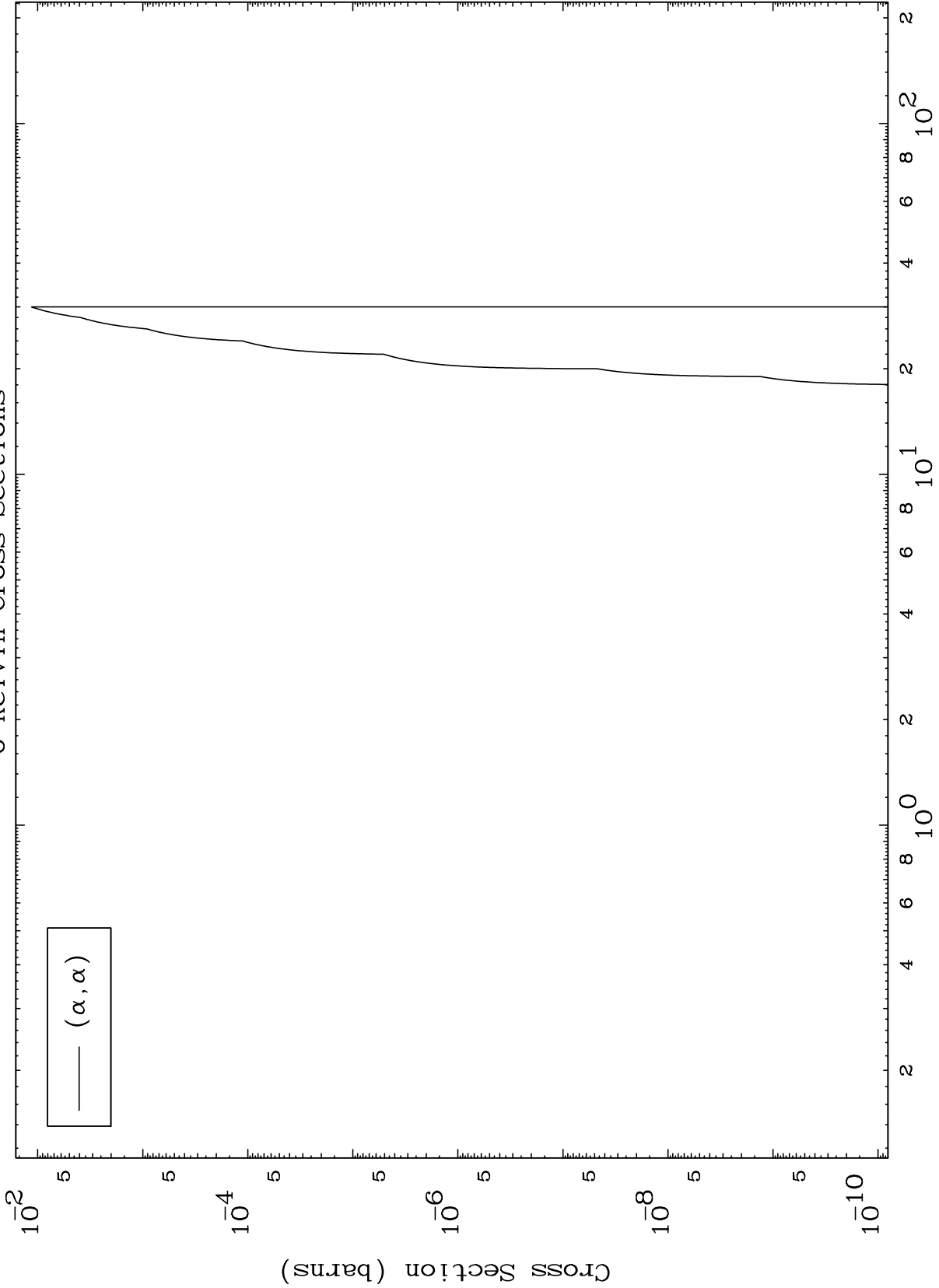


MAT 9553

(α, α) Levels

95-Am-244

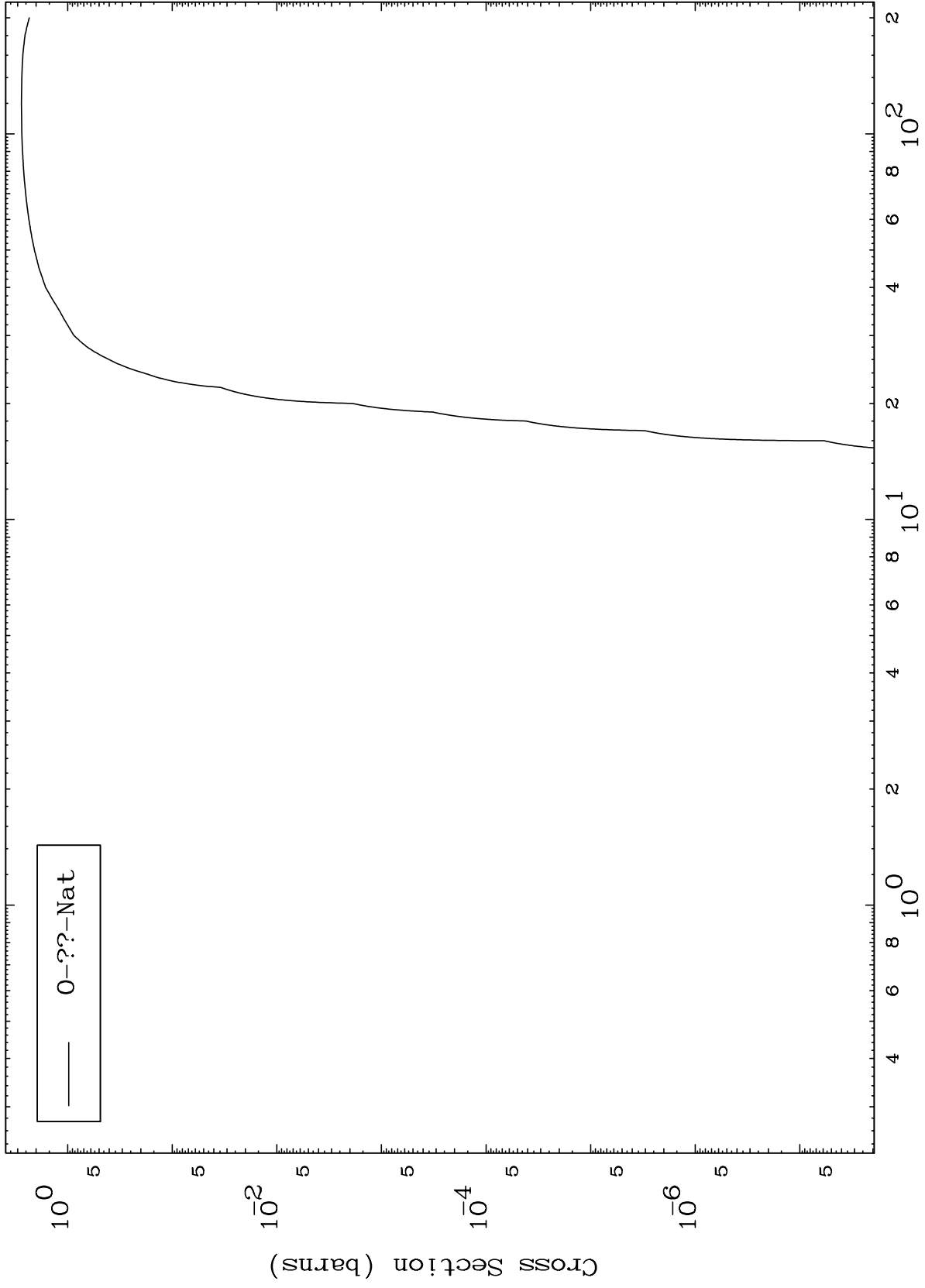
0 Kelvin Cross Sections



MAT 9553

95-Am-244

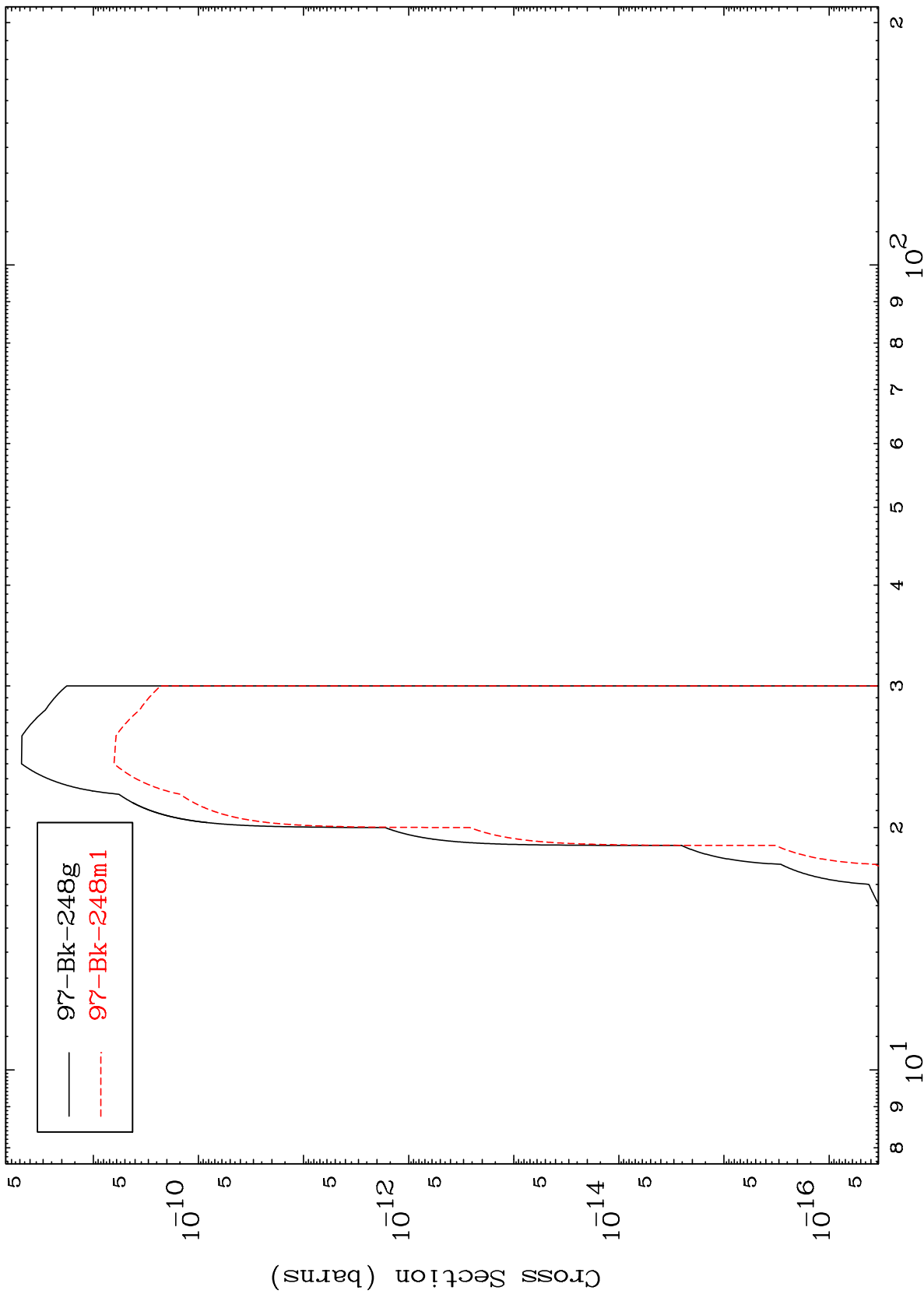
α Fission
Radionuclide Production Cross Section



MAT 9553

95-Am-244

(α, γ)
Radionuclide Production Cross Section



Legend:
— 97-Bk-248g
- - - 97-Bk-248m1

95-Am-244

Incident Energy (MeV)

10

