

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

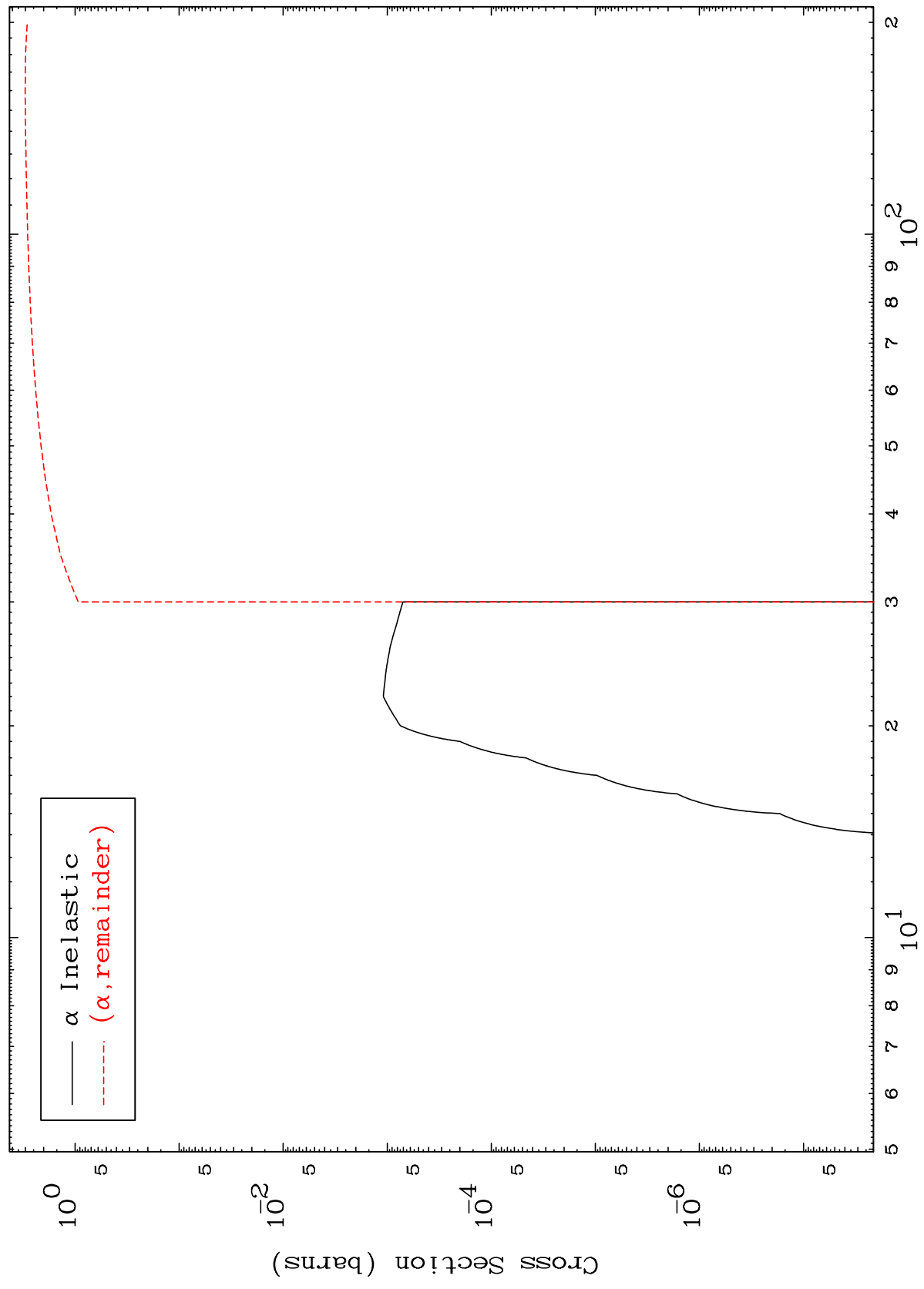
Press Mouse Button to Start

MAT 9355

0 Kelvin

α Major Cross Sections

93-Np-240

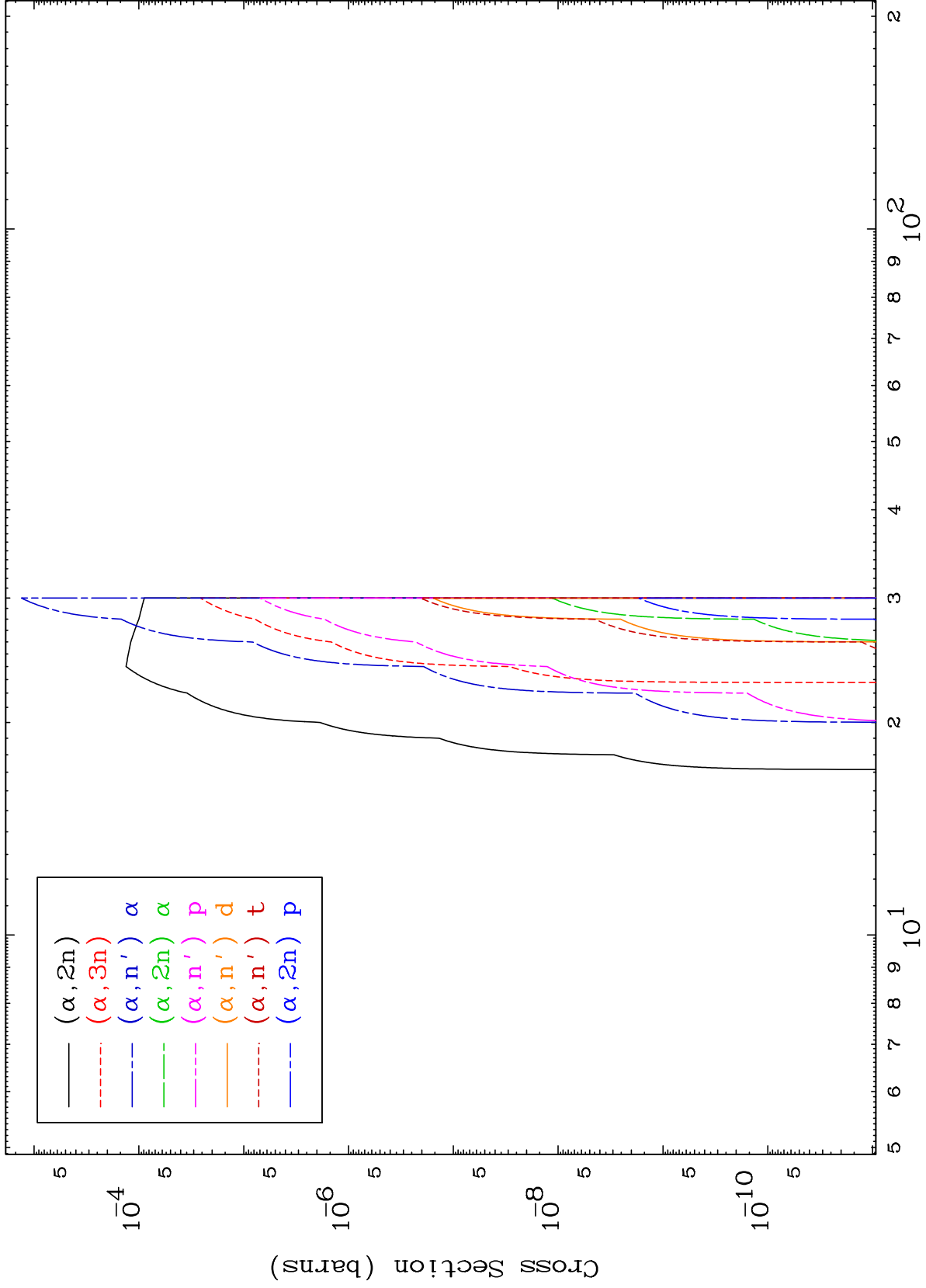


— α Inelastic
- - - (α , remainder)

MAT 9355

α Neutron Production
0 Kelvin Cross Sections

93-Np-240



2

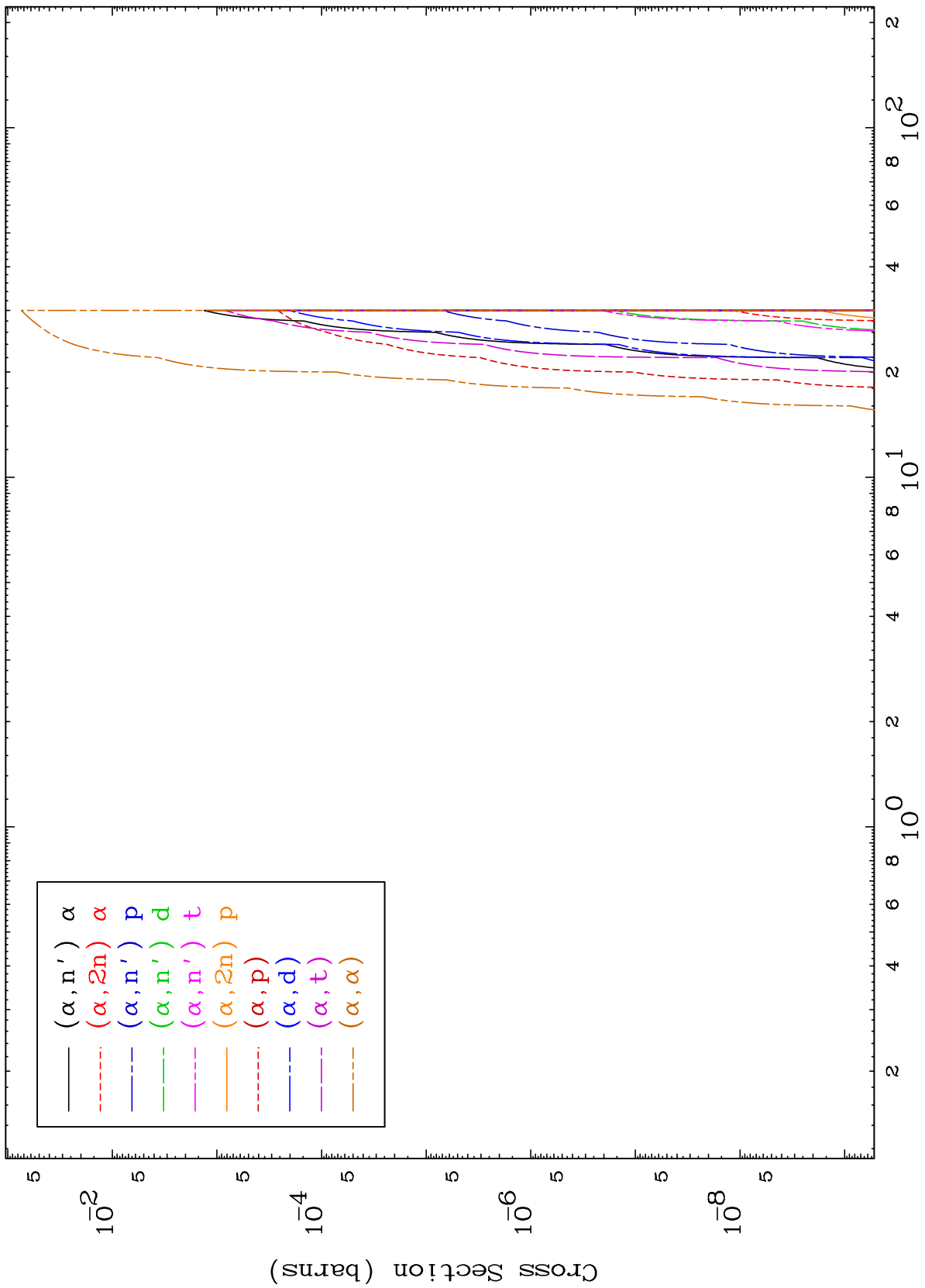
Incident Energy (MeV)

93-Np-240

MAT 9355

α Charged Particle
0 Kelvin Cross Sections

93-Np-240

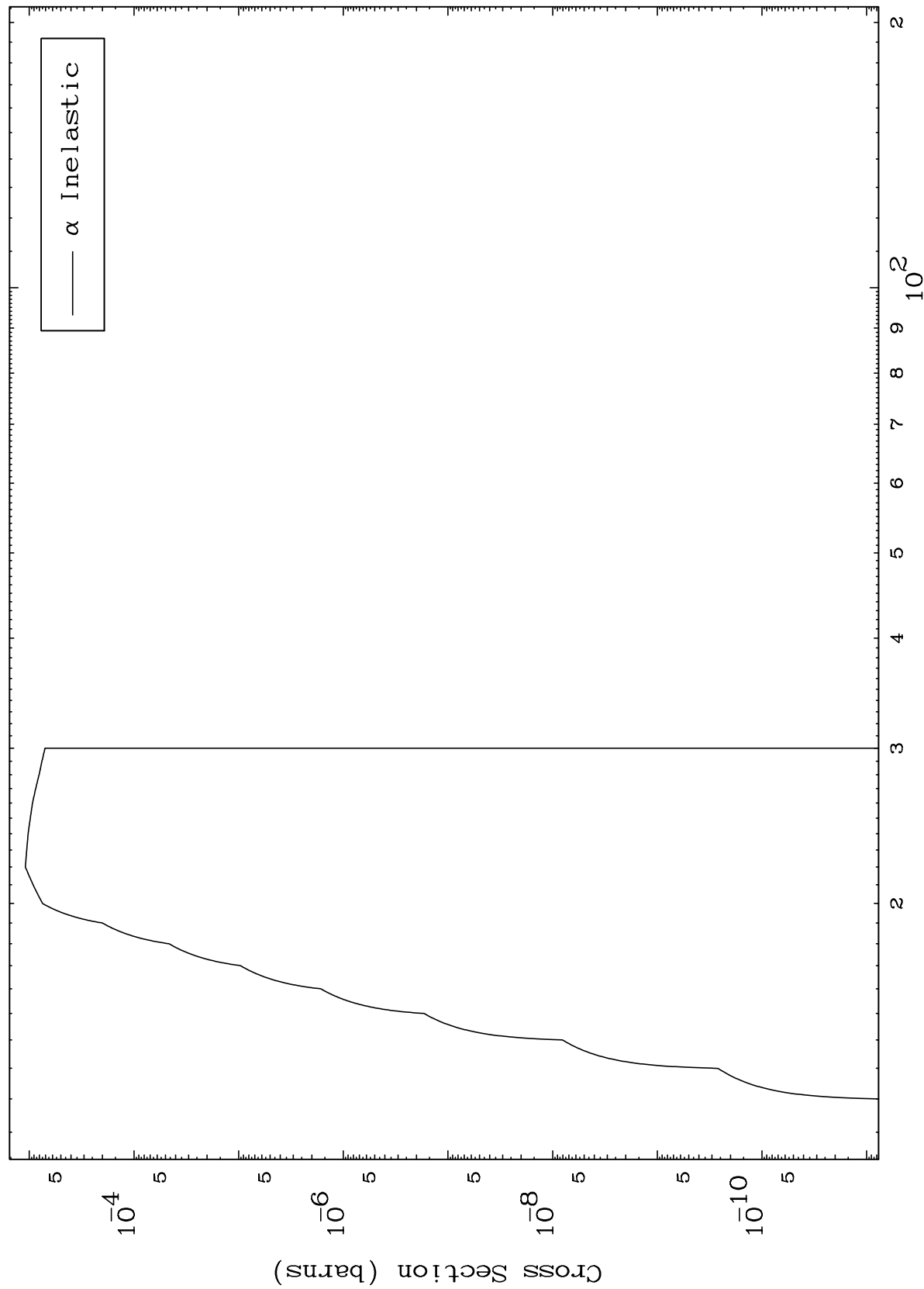


MAT 9355

(α, n') Level

93-Np-240

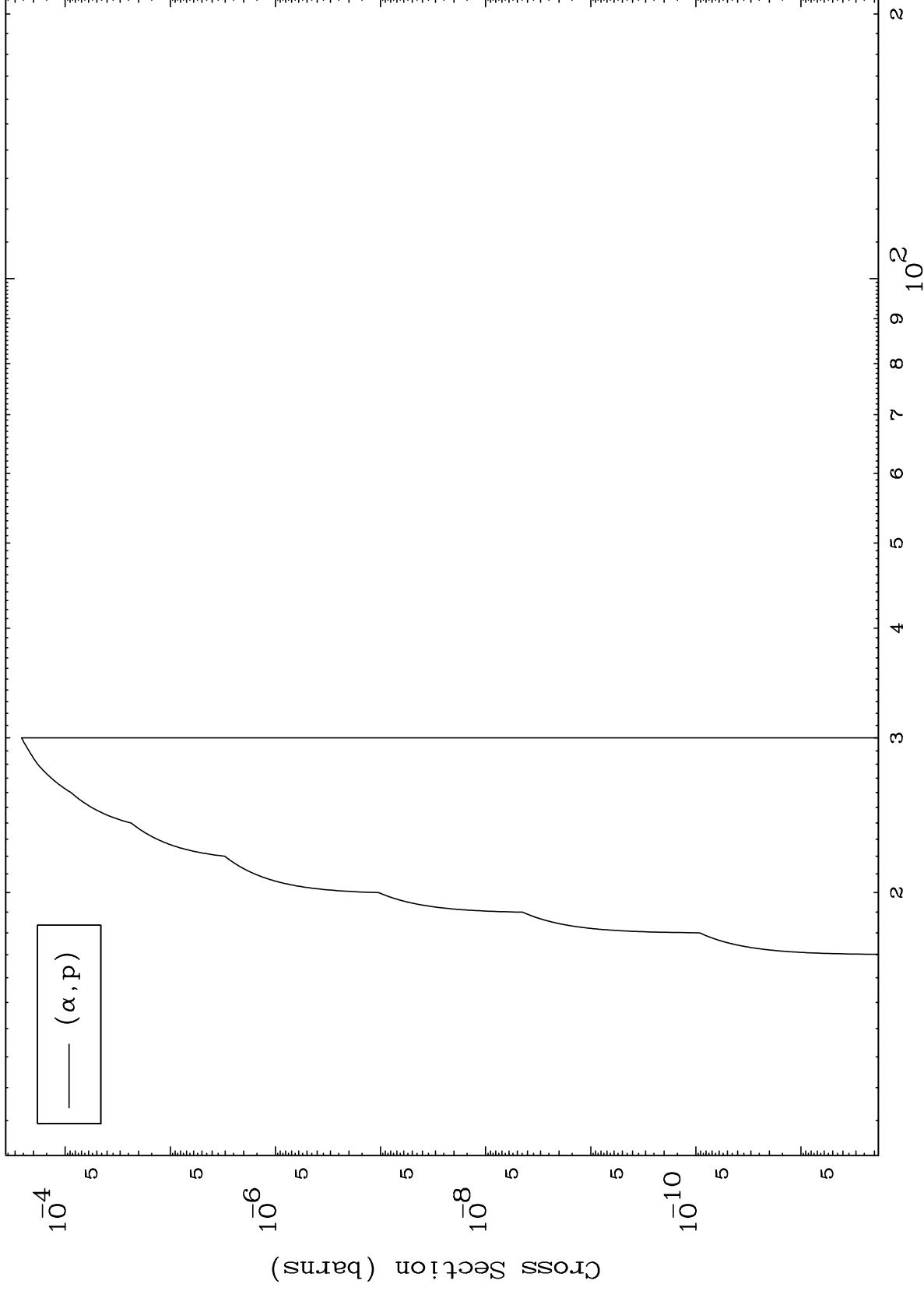
0 Kelvin Cross Sections



MAT 9355

(α, p) Levels
0 Kelvin Cross Sections

93-Np-240



5

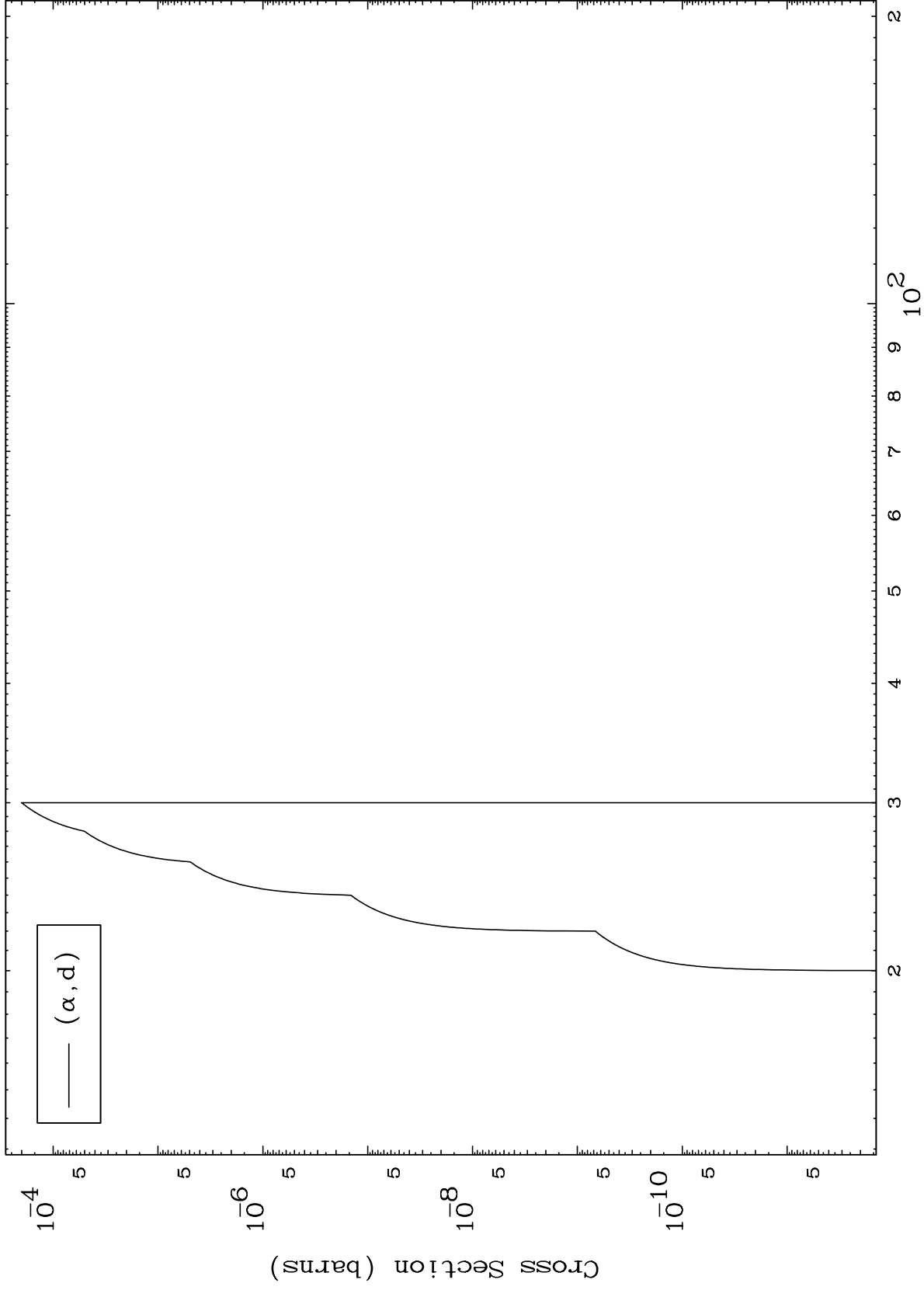
Incident Energy (MeV)

93-Np-240

MAT 9355

(α, d) Levels
0 Kelvin Cross Sections

93-Np-240



6

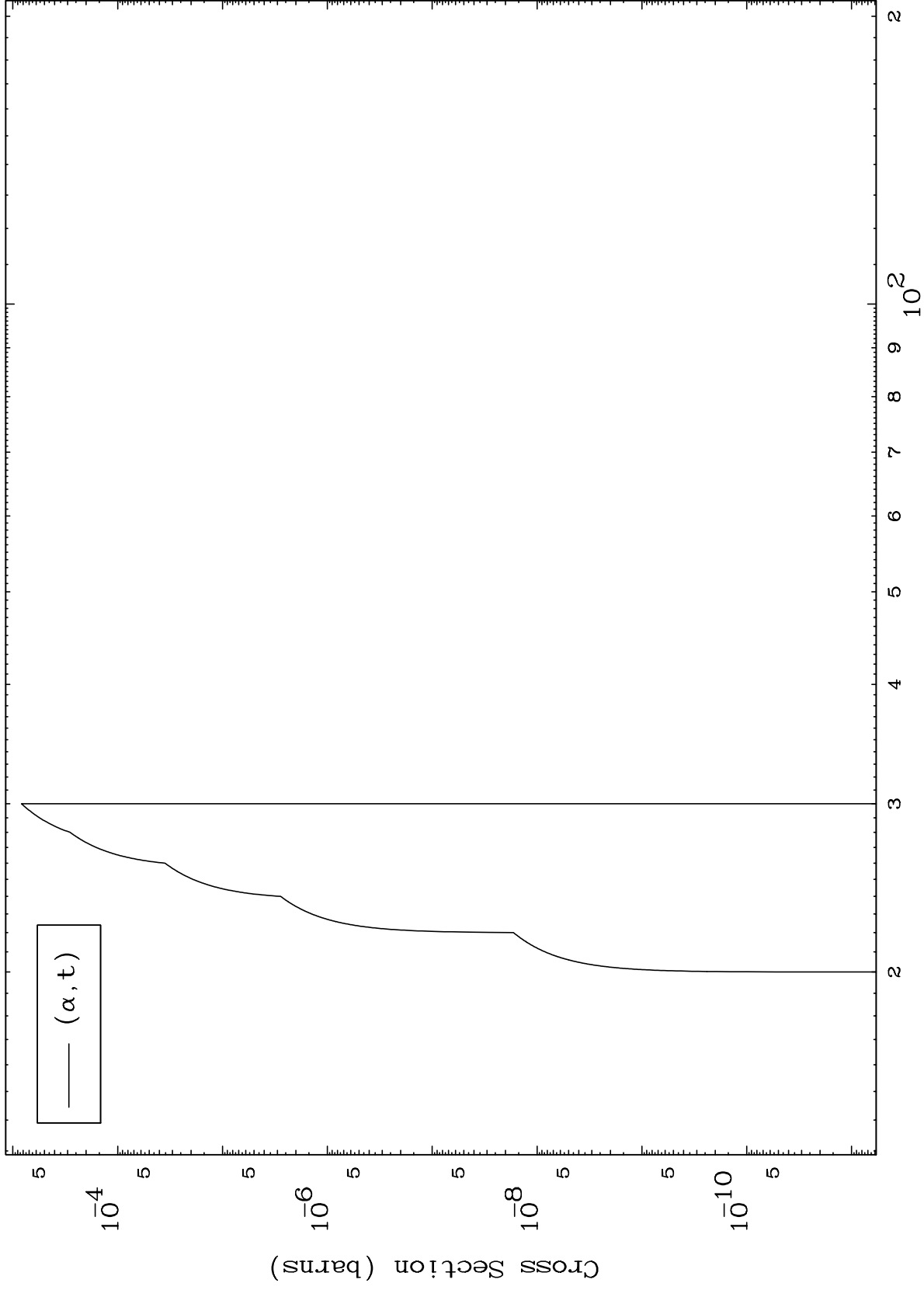
Incident Energy (MeV)

93-Np-240

MAT 9355

(α, t) Levels
0 Kelvin Cross Sections

93-Np-240



7

Incident Energy (MeV)

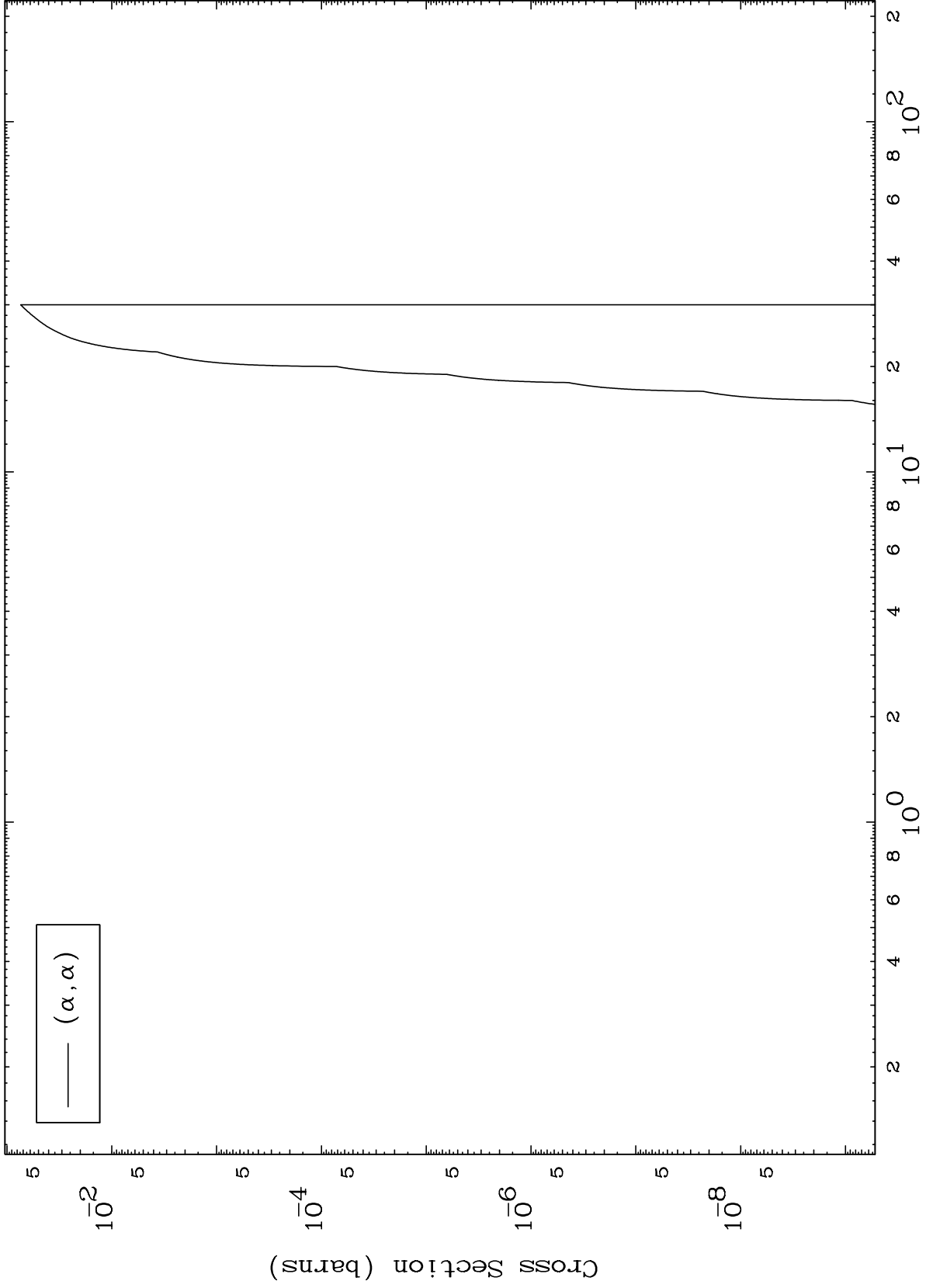
93-Np-240

MAT 9355

(α, α) Levels

93-Np-240

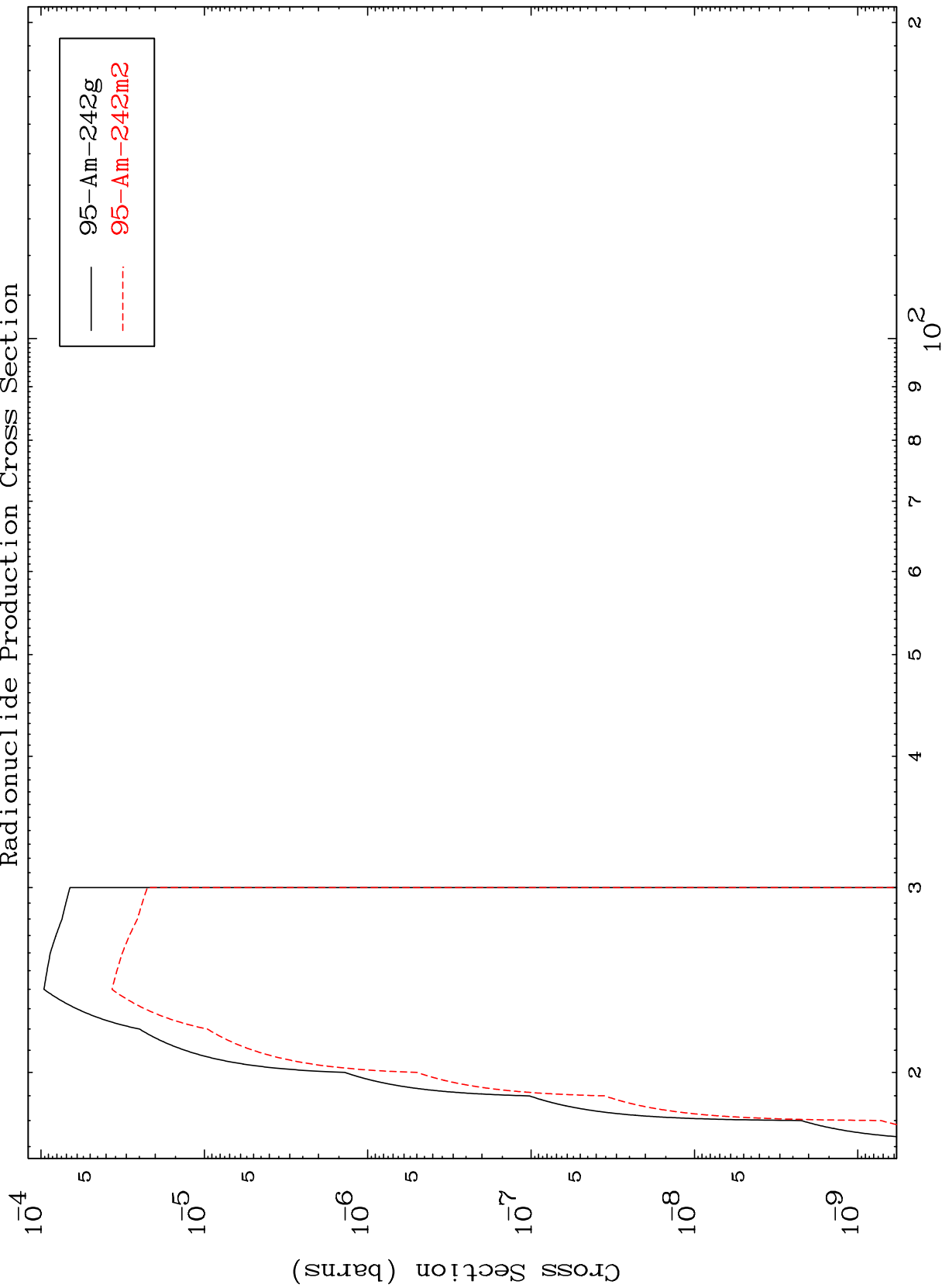
0 Kelvin Cross Sections



MAT 9355

93-Np-240

($\alpha, 2n$)
Radionuclide Production Cross Section



9

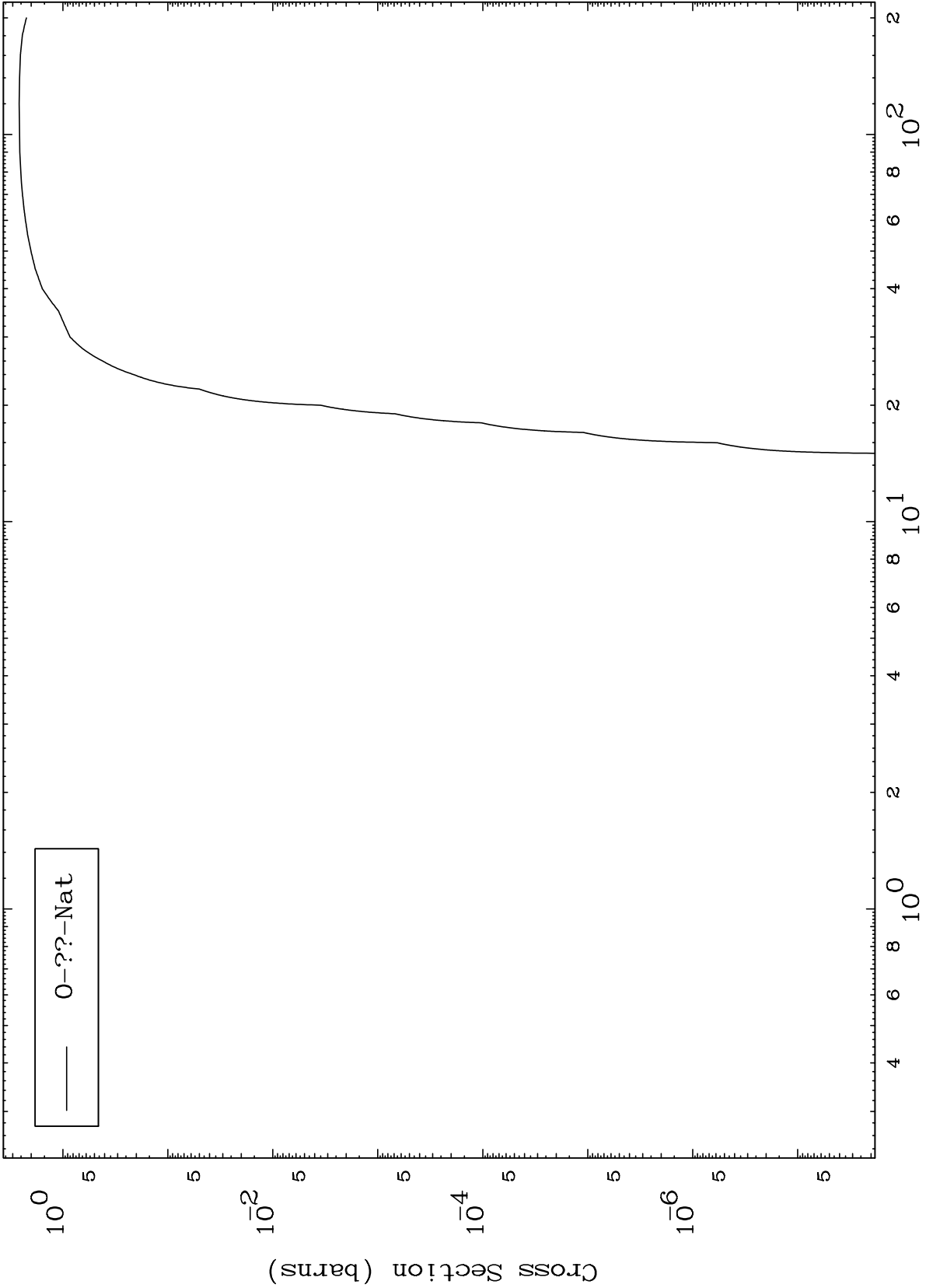
Incident Energy (MeV)

93-Np-240

MAT 9355

93-Np-240

α Fission
Radionuclide Production Cross Section



10

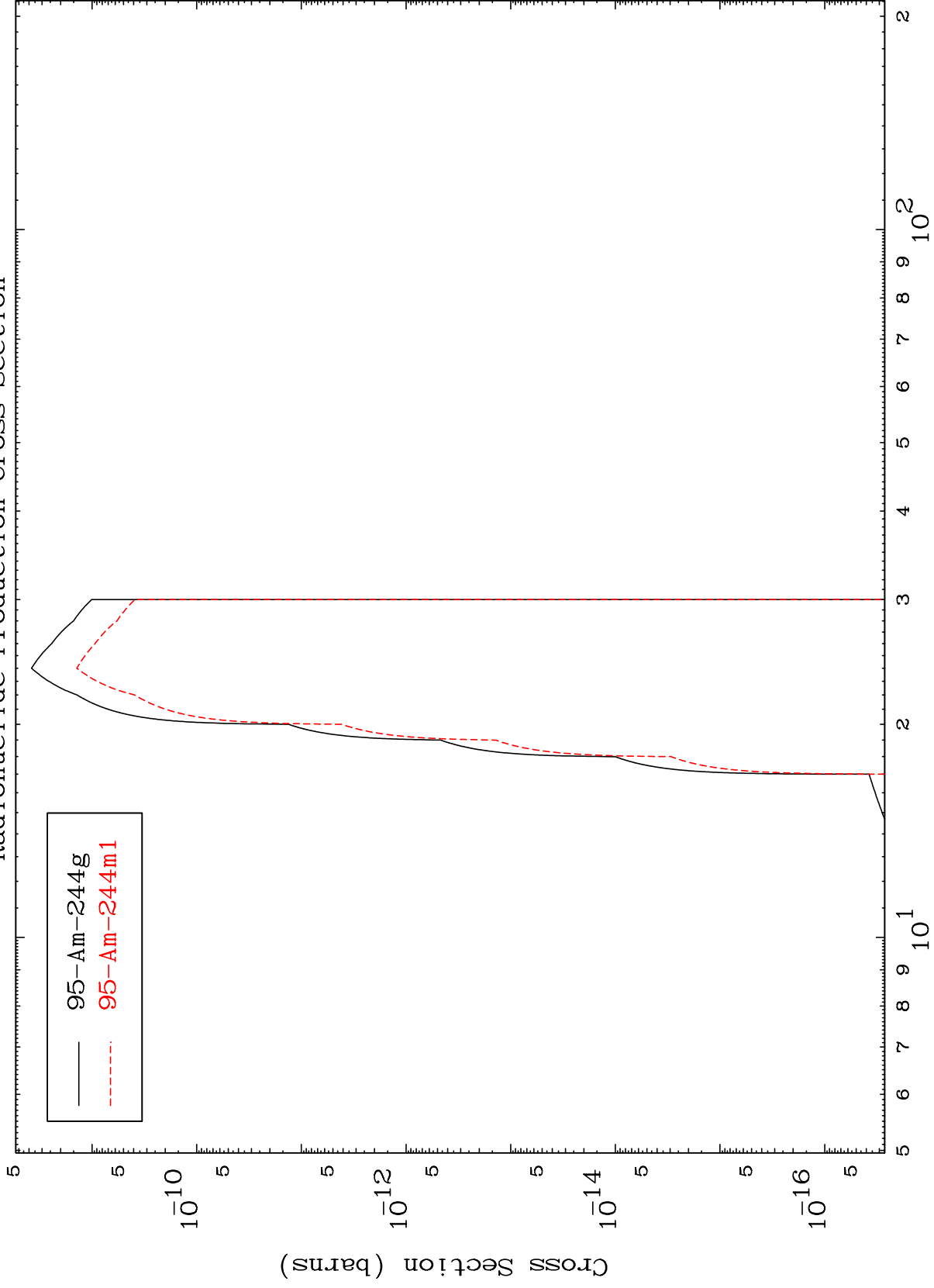
Incident Energy (MeV)

93-Np-240

MAT 9355

93-Np-240

(α, γ)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

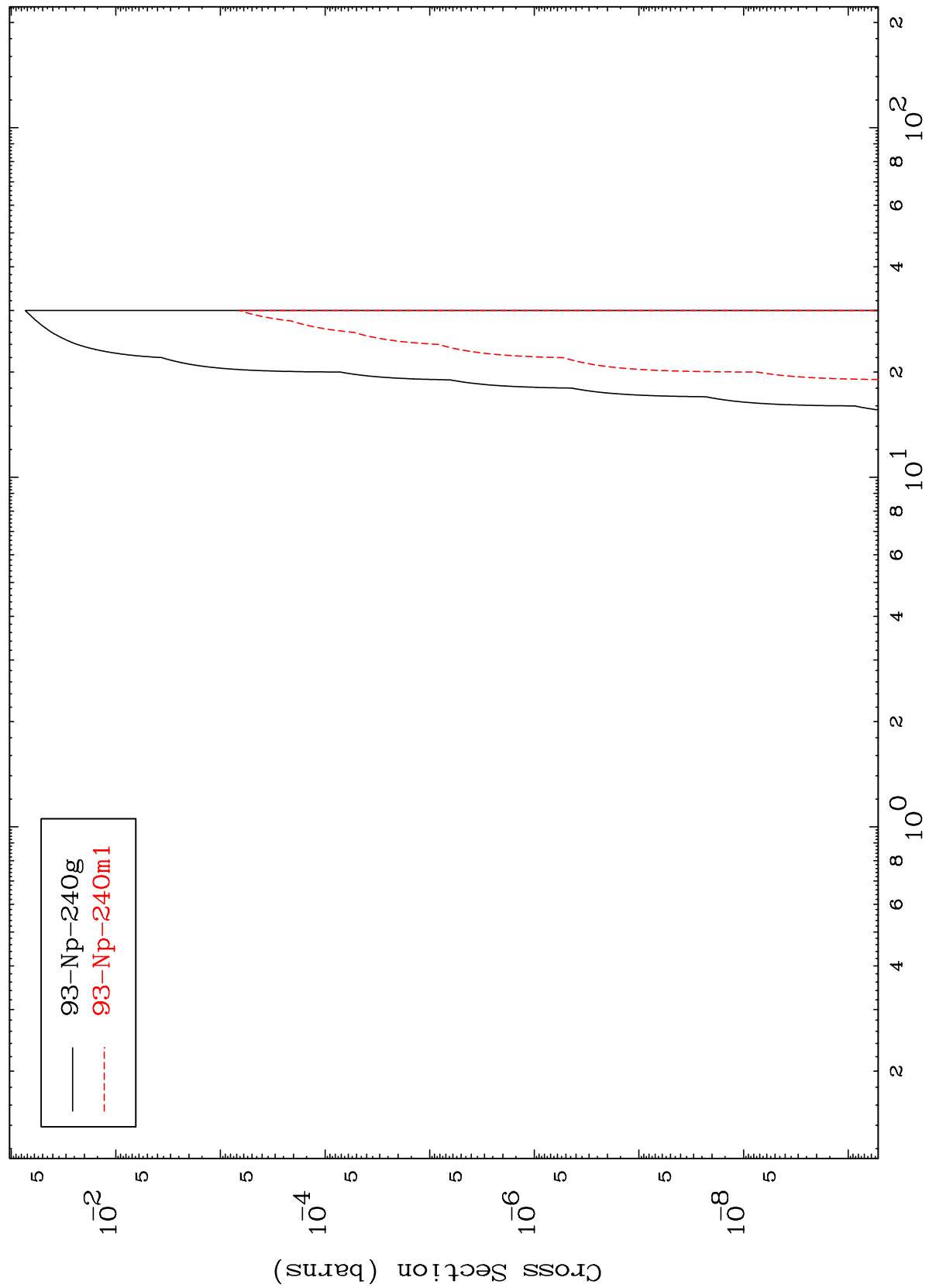
93-Np-240

MAT 9355

(α, α)

93-Np-240

Radionuclide Production Cross Section



— 93-Np-240g
- - - 93-Np-240m1