

Program EVALPLOT
(Version 2018-1)

by

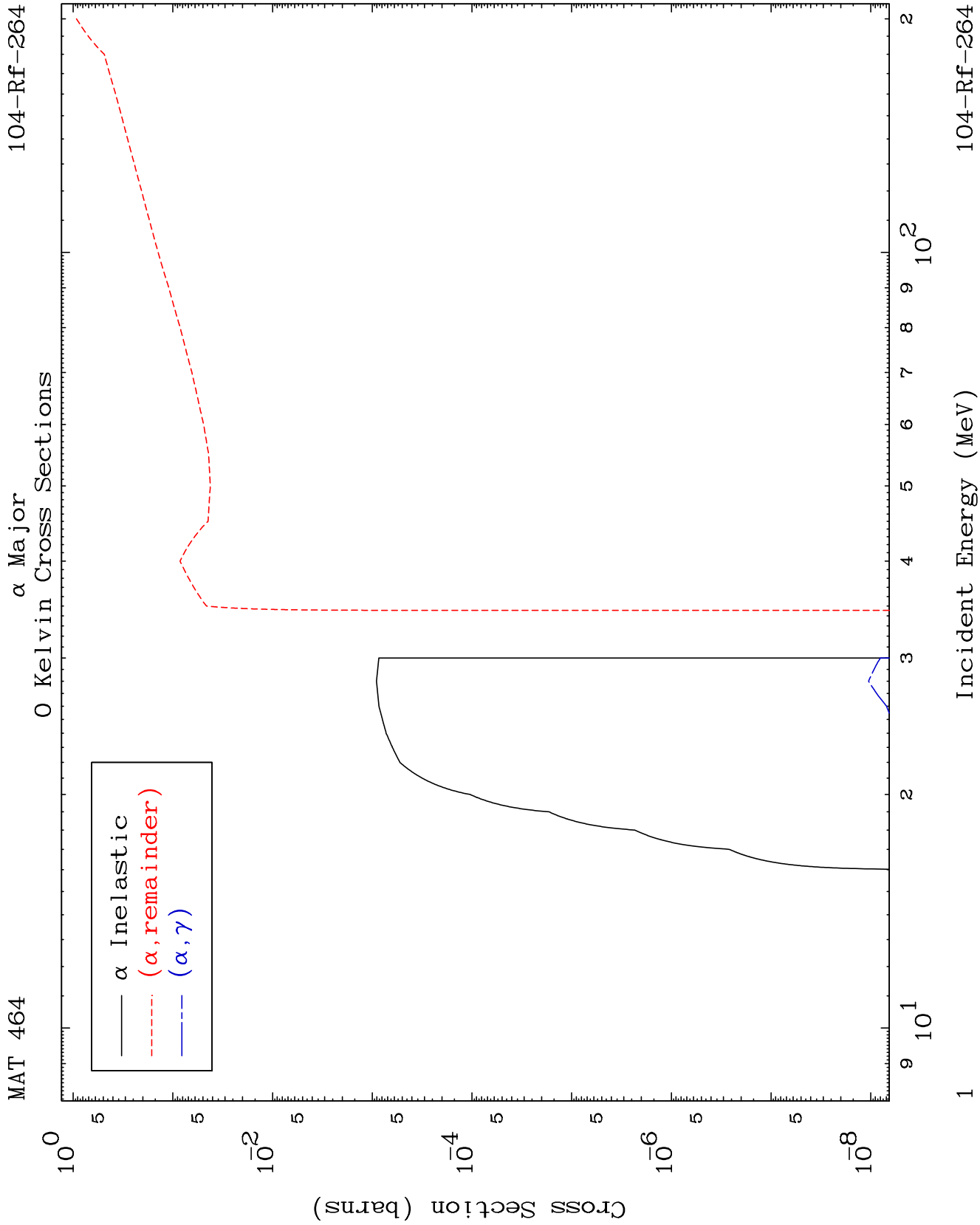
Dermott E. Cullen
(Present Contact Information)

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

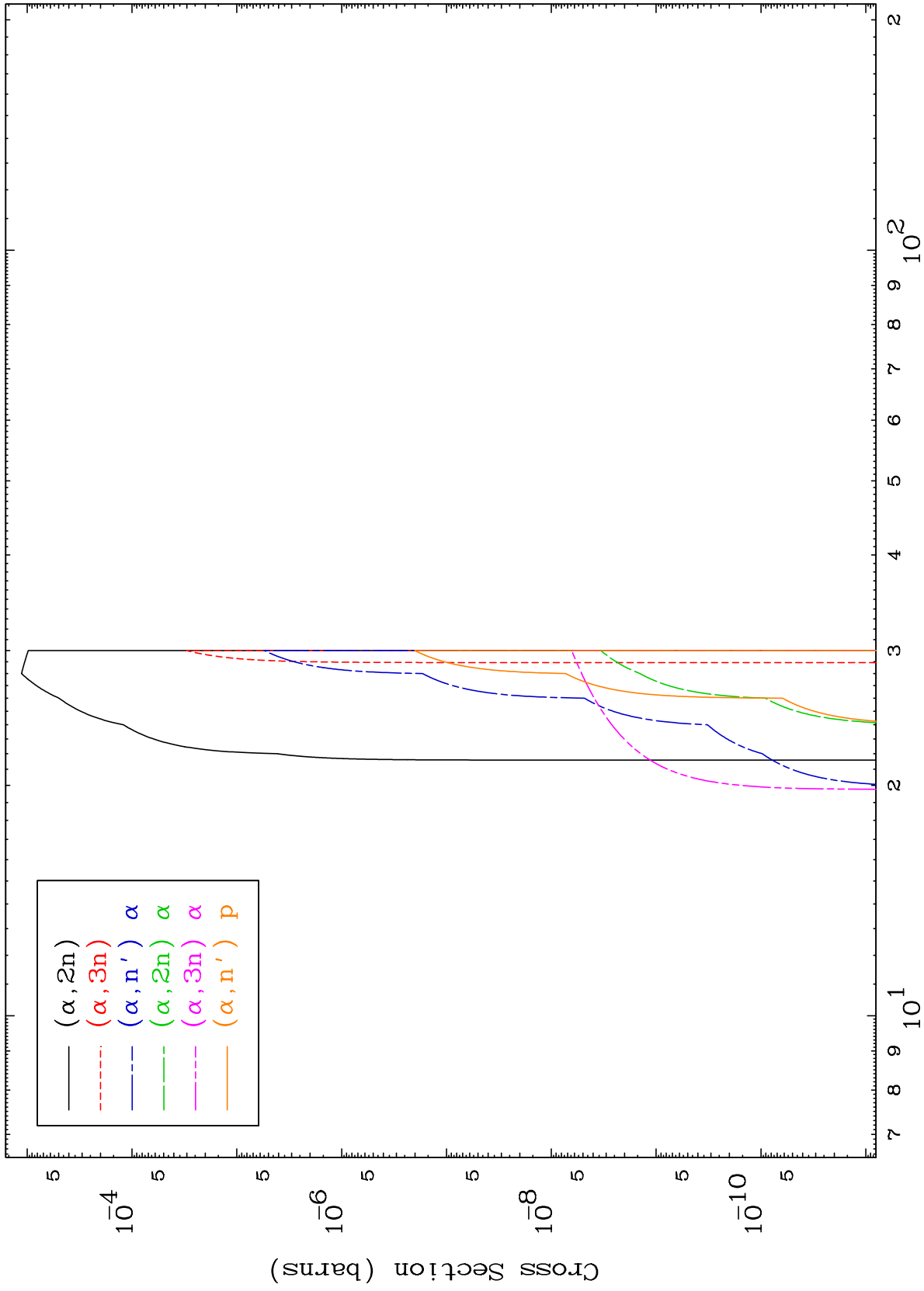
Press Mouse Button to Start



MAT 464

α Neutron Production
0 Kelvin Cross Sections

104-Rf-264



2

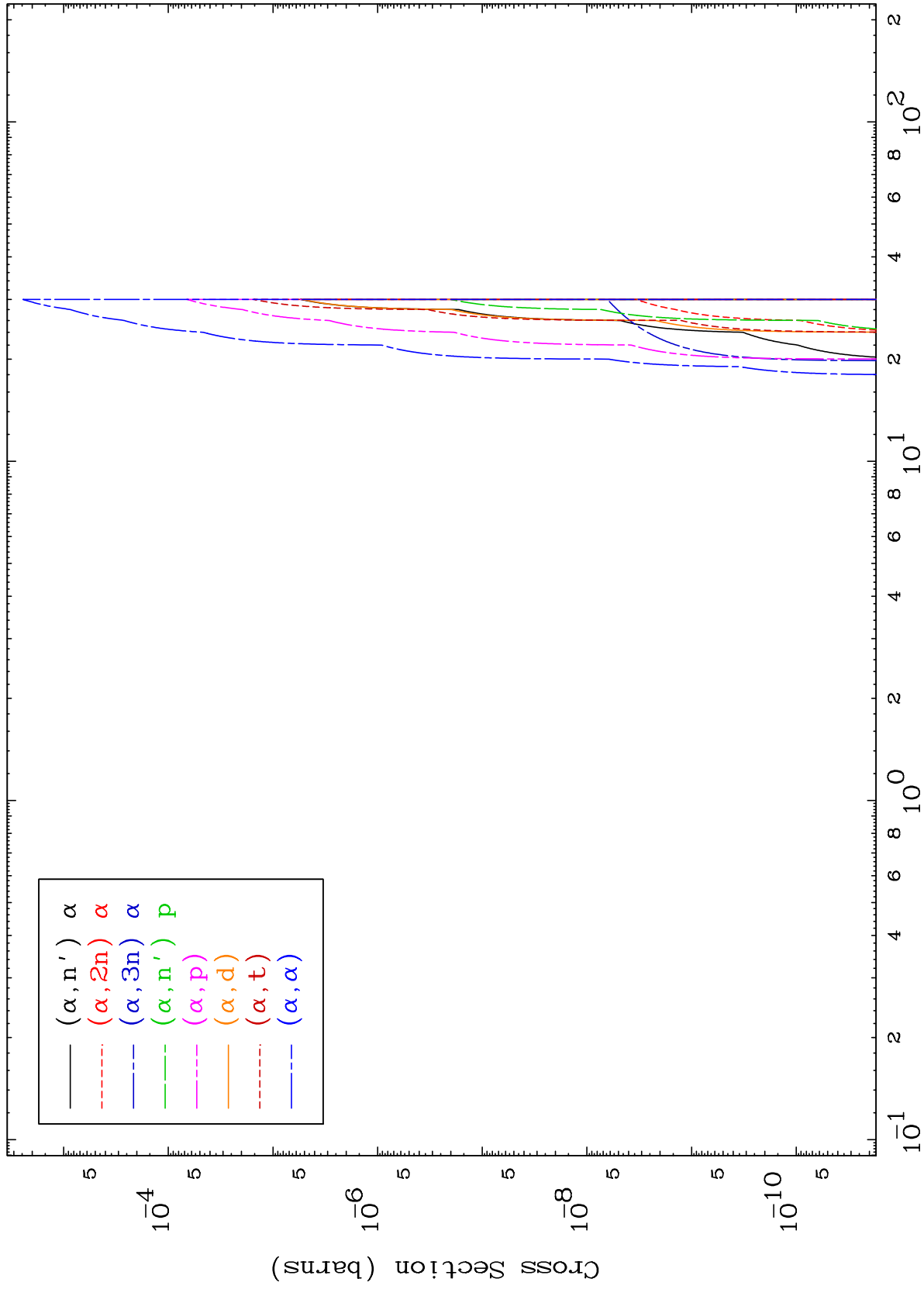
Incident Energy (MeV)

104-Rf-264

MAT 464

α Charged Particle
0 Kelvin Cross Sections

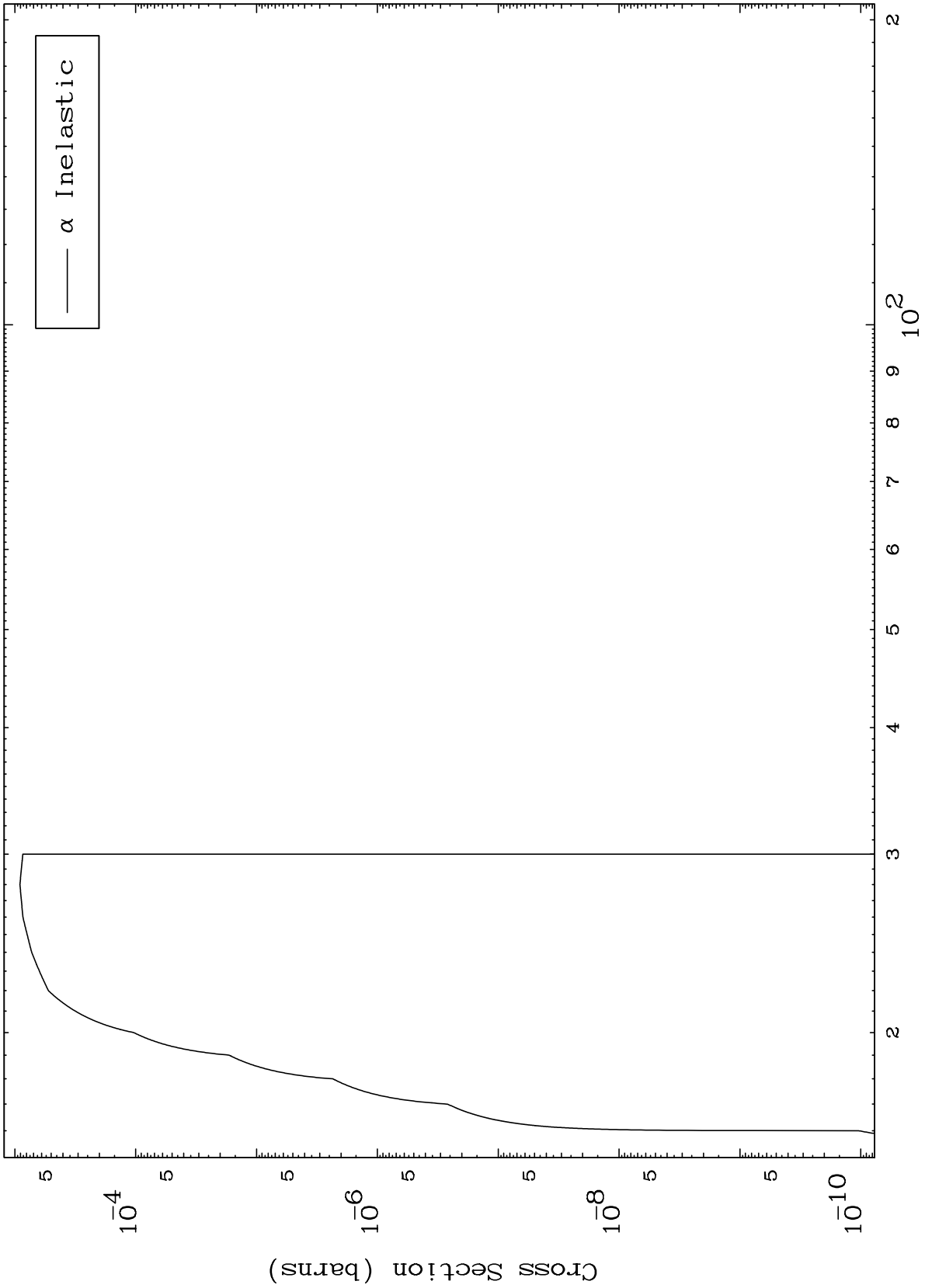
104-Rf-264



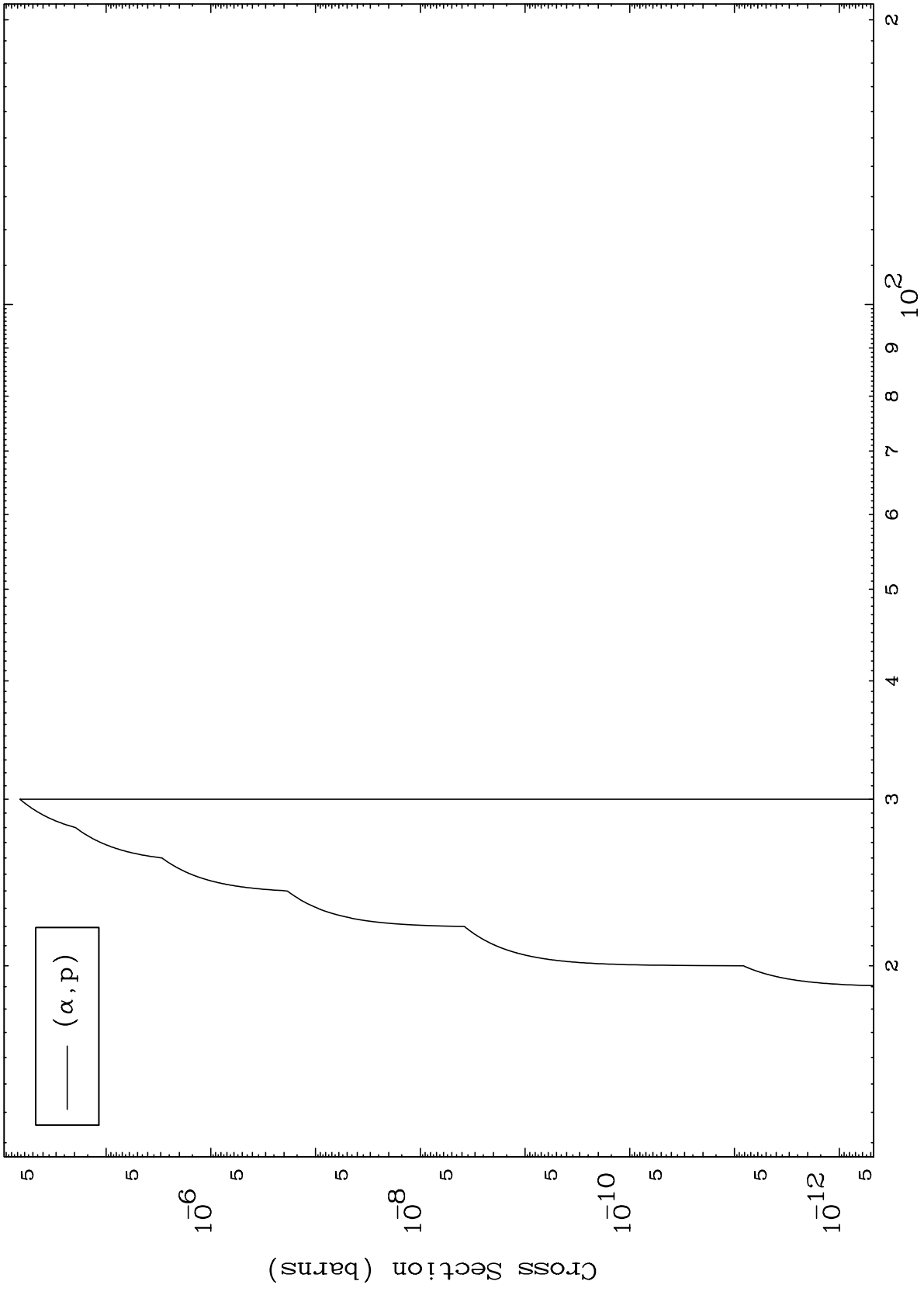
3

Incident Energy (MeV)

104-Rf-264



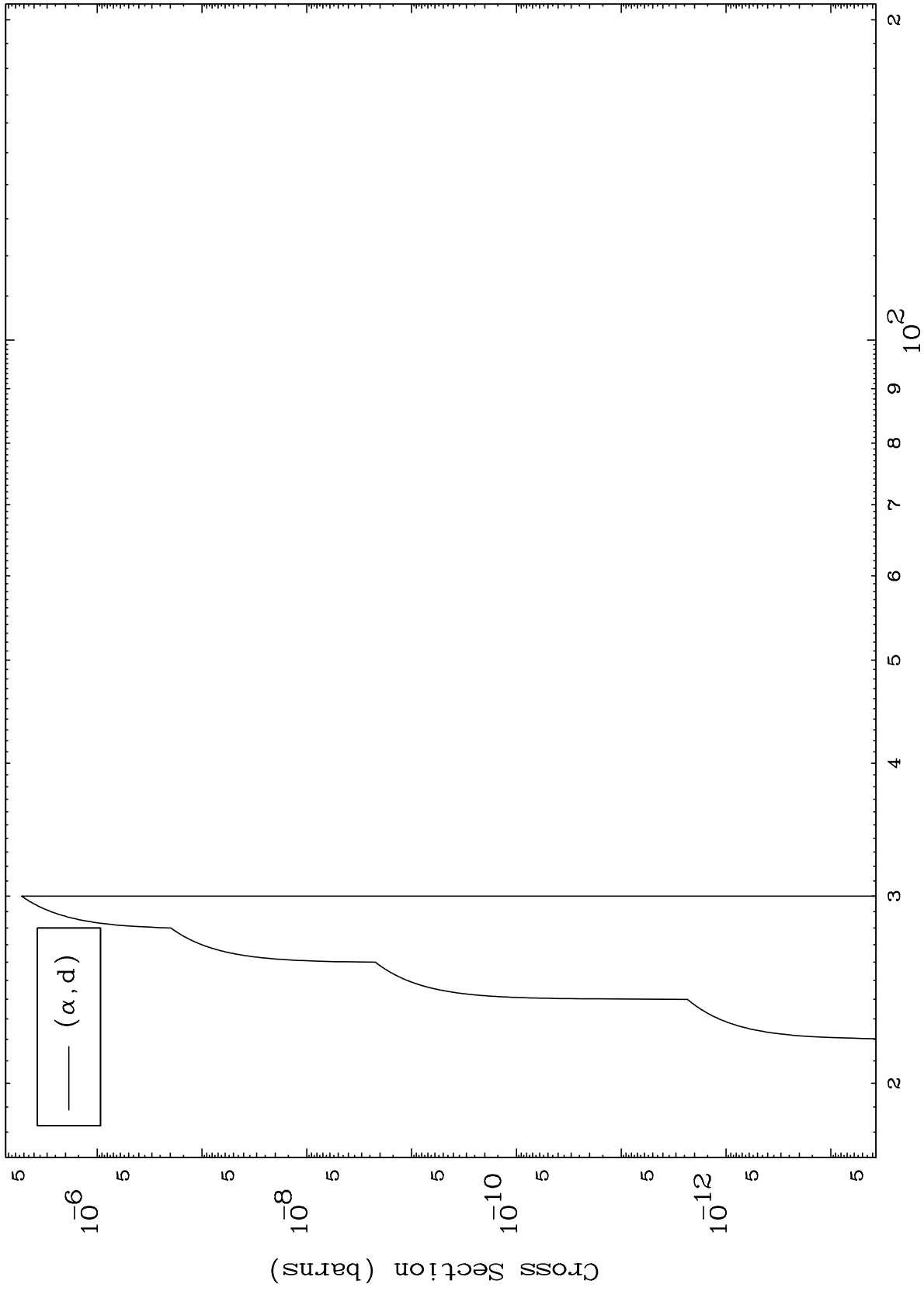
— α Inelastic



MAT 464

(α, d) Levels
0 Kelvin Cross Sections

104-Rf-264



6

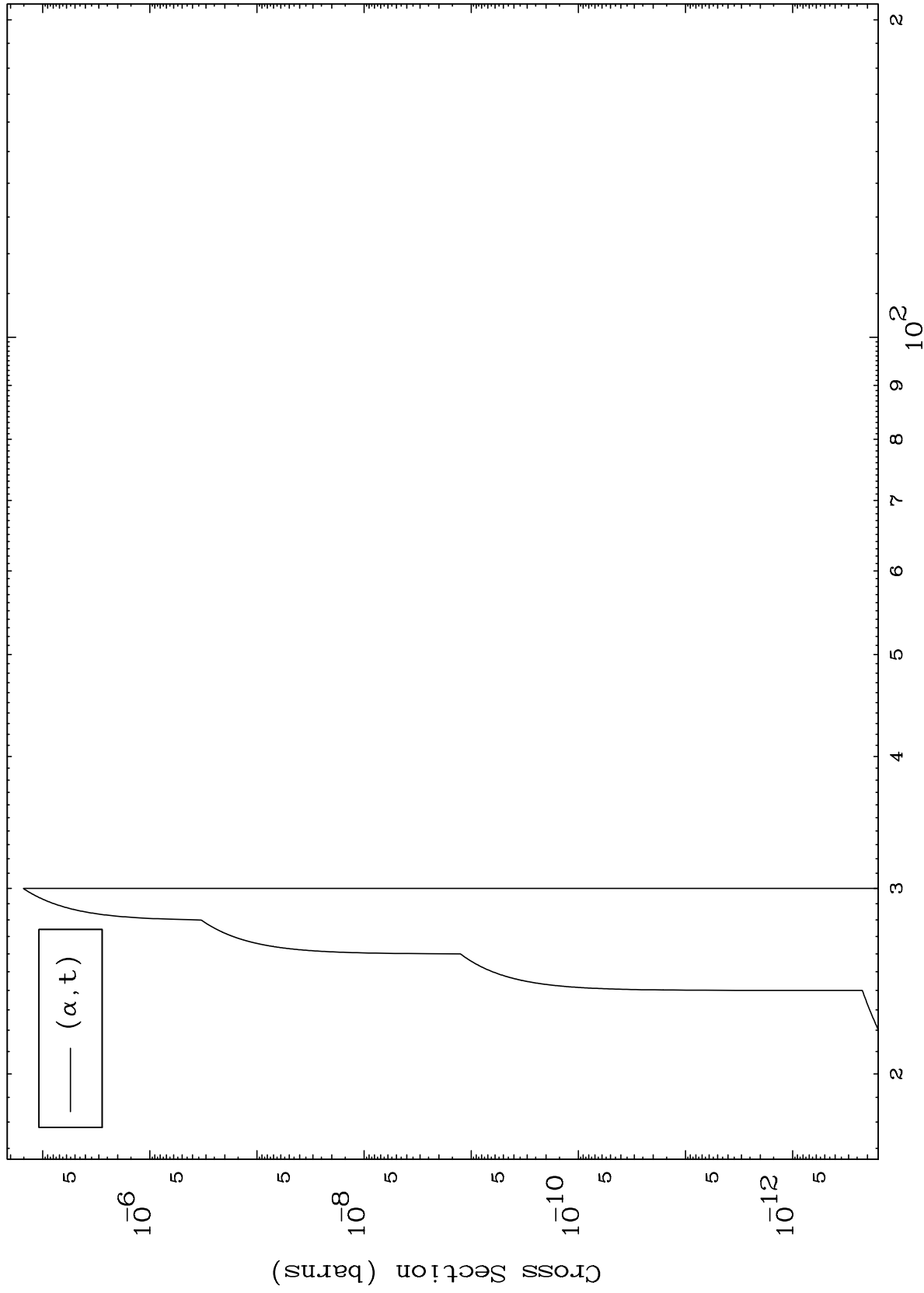
Incident Energy (MeV)

104-Rf-264

MAT 464

(α, t) Levels
0 Kelvin Cross Sections

104-Rf-264



7

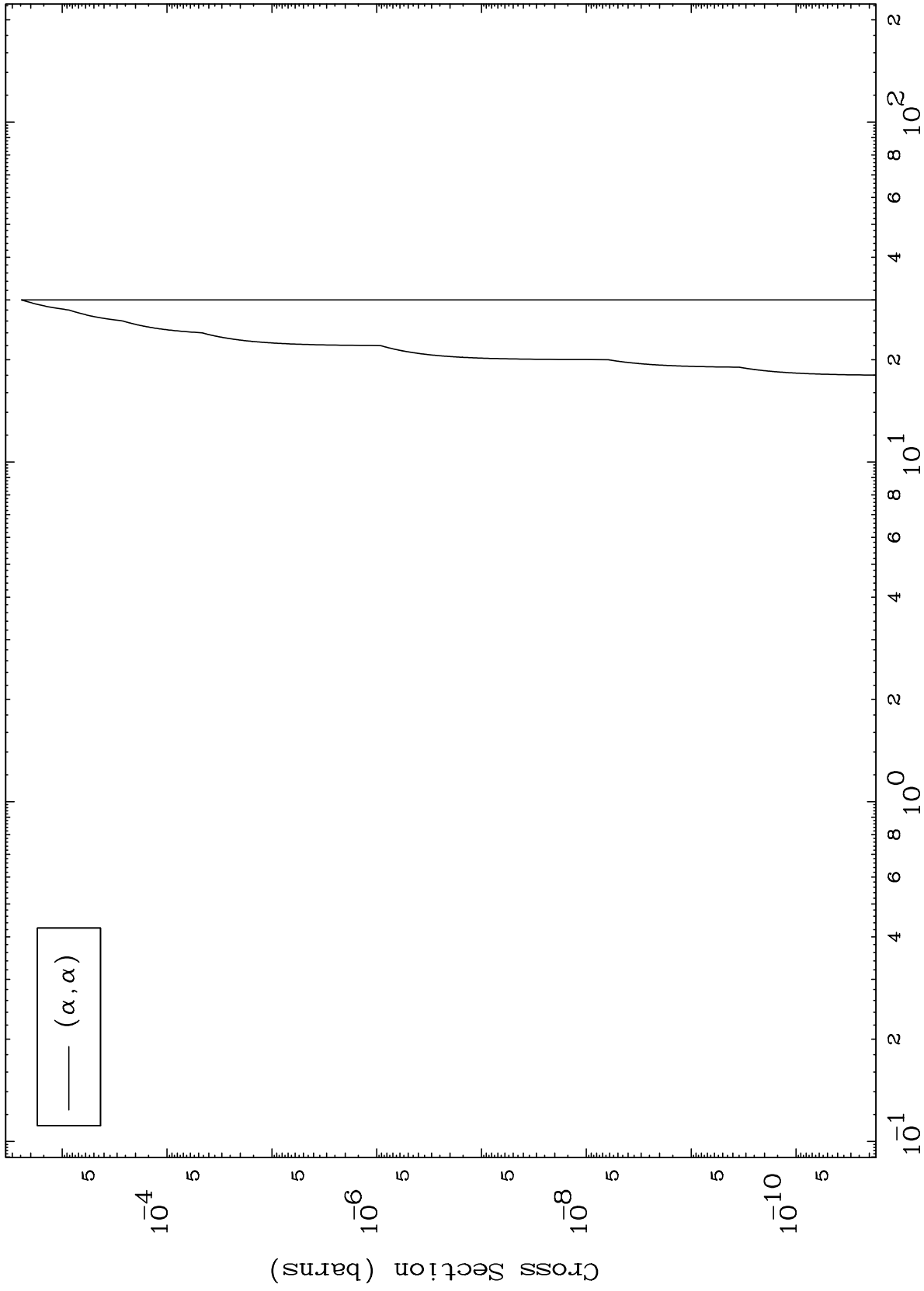
Incident Energy (MeV)

104-Rf-264

MAT 464

(α, α) Levels
0 Kelvin Cross Sections

104-Rf-264



8

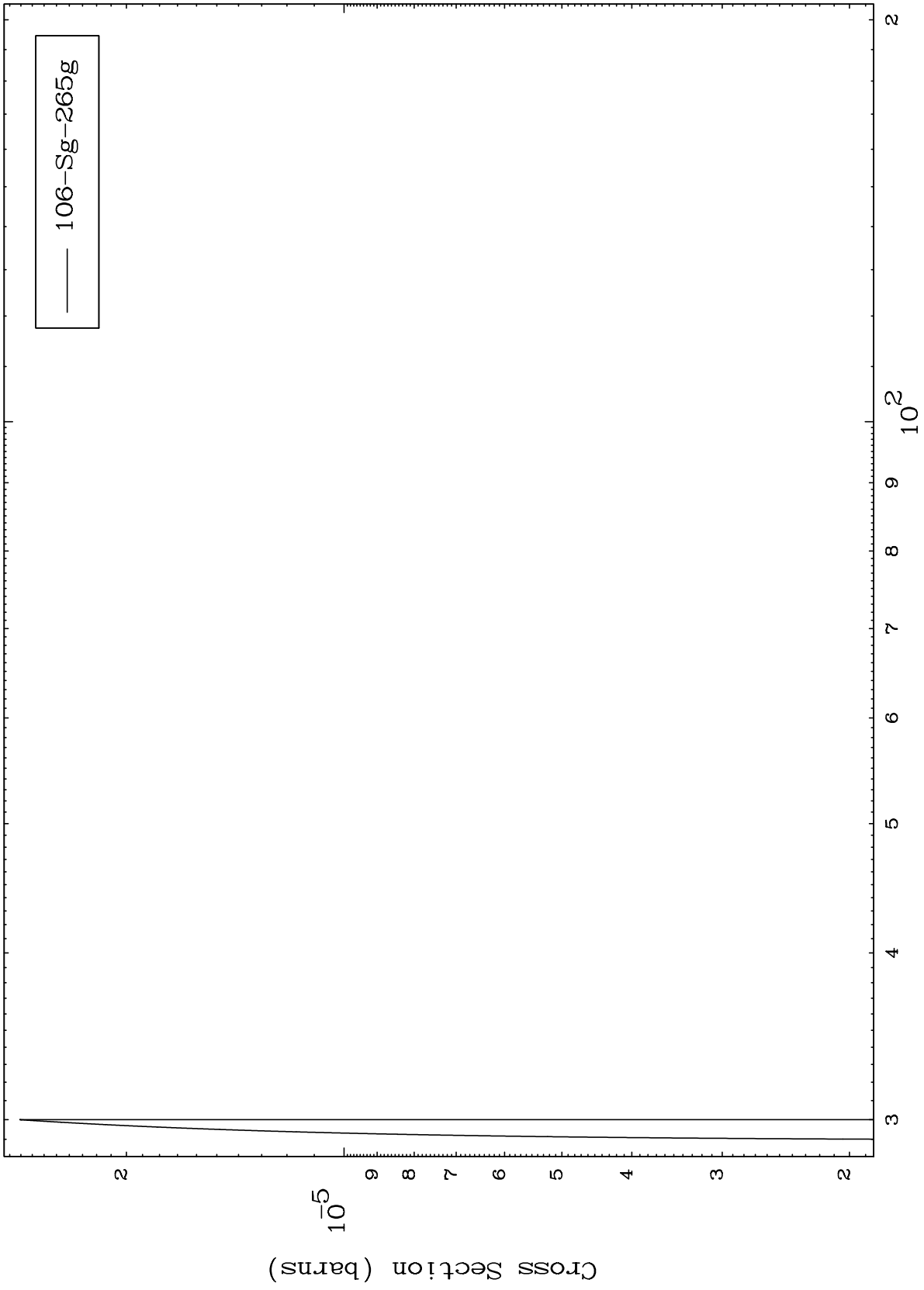
Incident Energy (MeV)

104-Rf-264

MAT 464

104-Rf-264

($\alpha, 3n$)
Radionuclide Production Cross Section



9

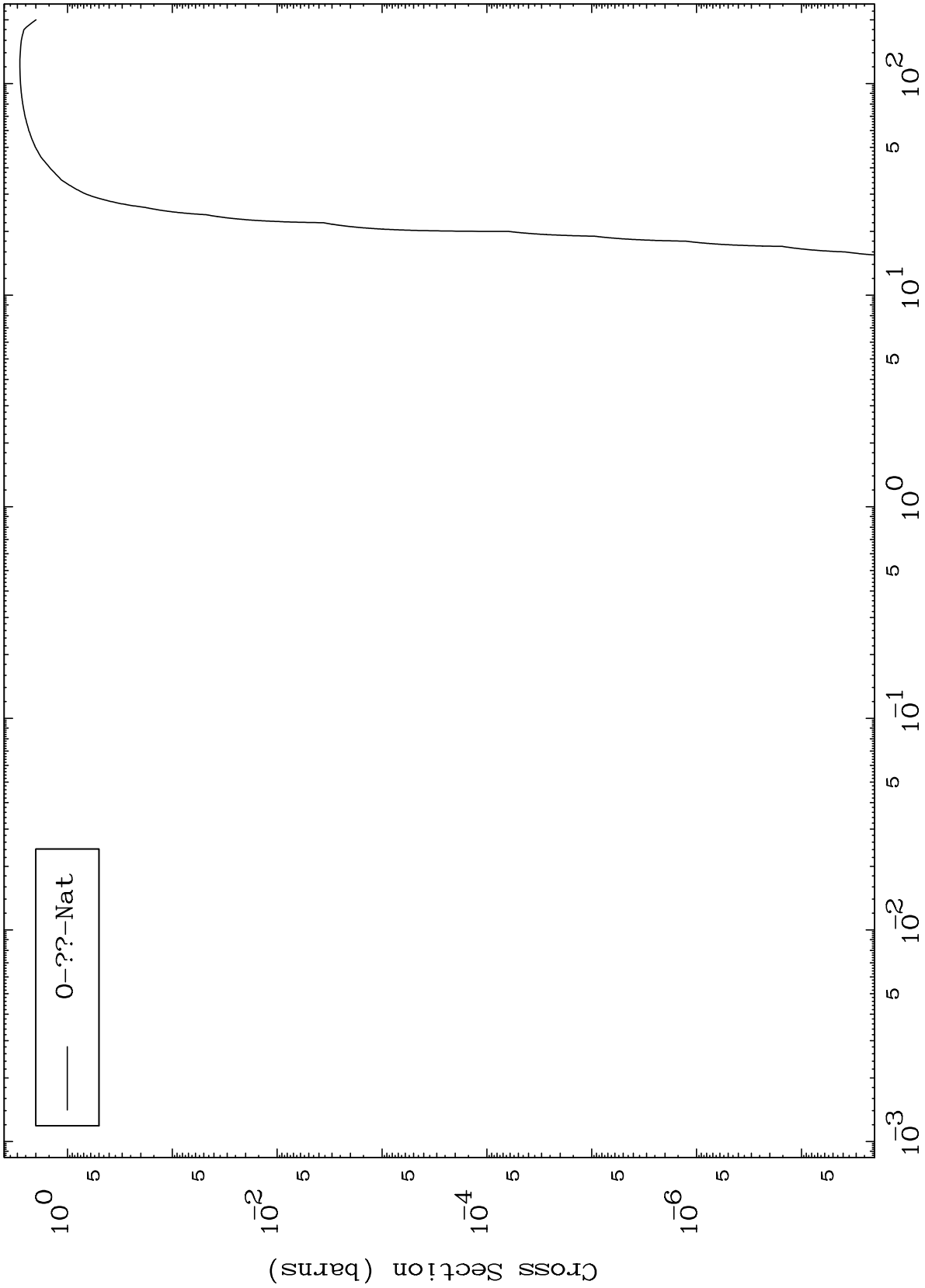
104-Rf-264

Incident Energy (MeV)

MAT 464

104-Rf-264

α Fission
Radionuclide Production Cross Section



Incident Energy (MeV)

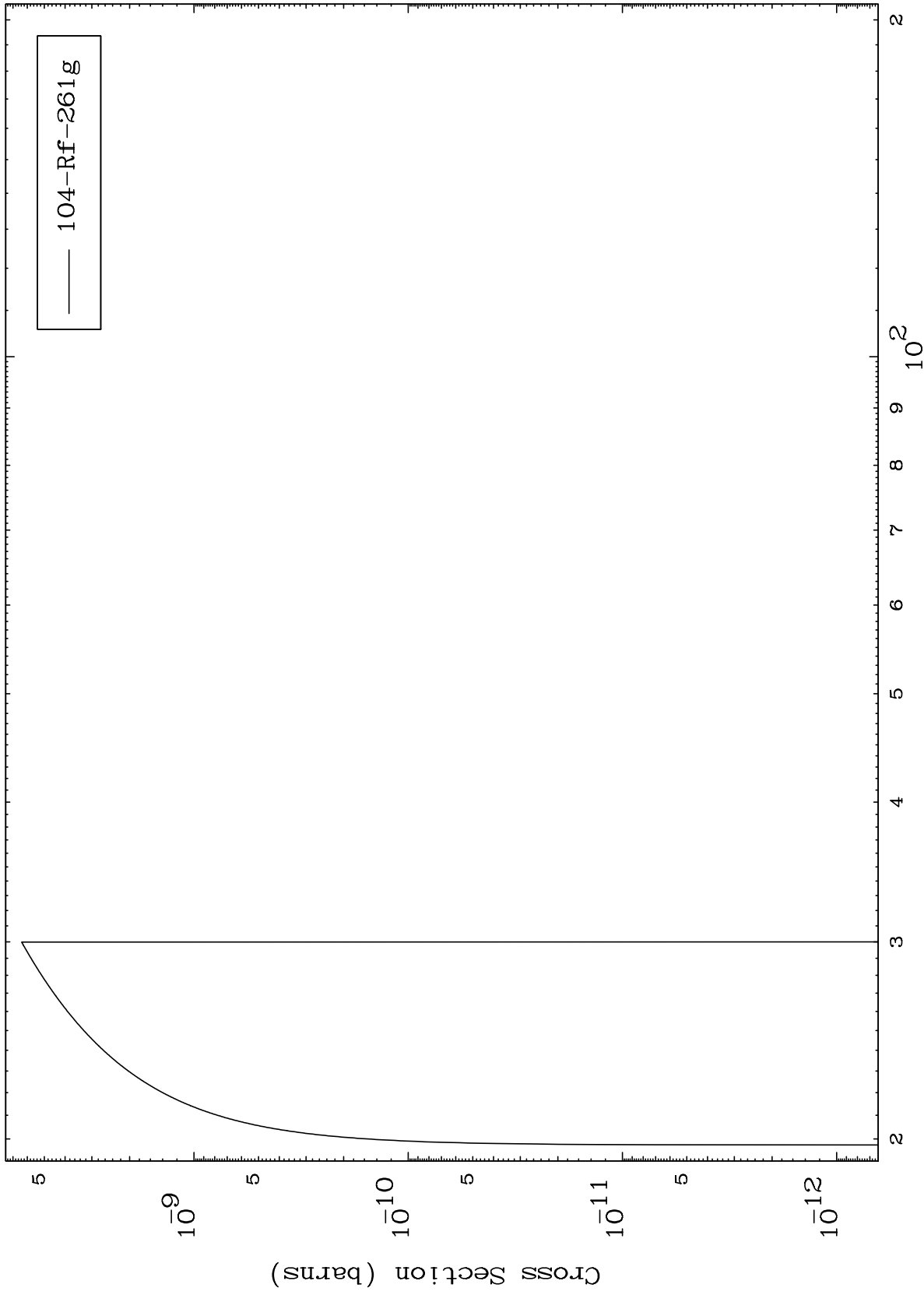
104-Rf-264

MAT 464

$(\alpha, 3n) \alpha$

104-Rf-264

Radionuclide Production Cross Section



11

Incident Energy (MeV)

104-Rf-264