

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

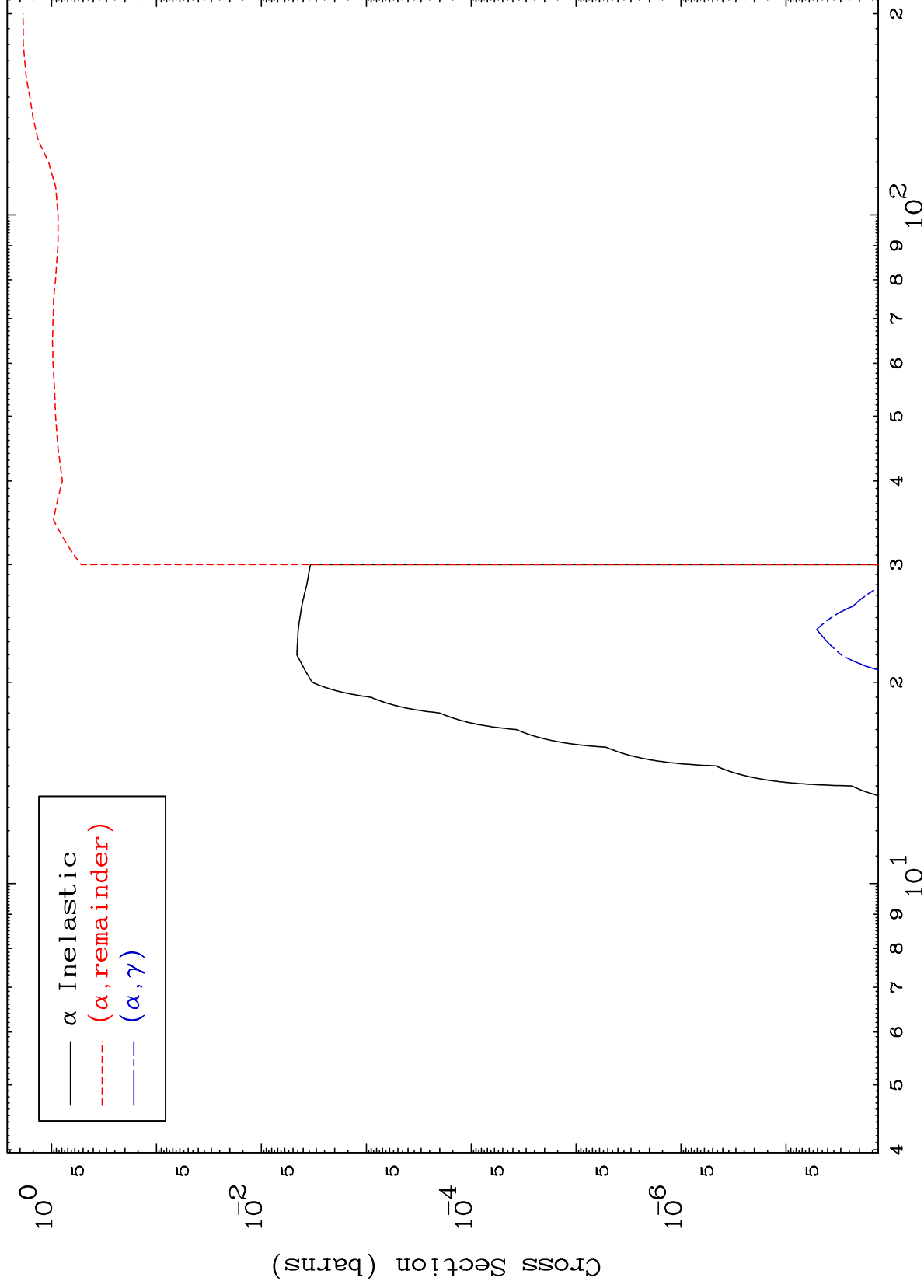
Press Mouse Button to Start

MAT 9155

α Major

91-Pa-239

0 Kelvin Cross Sections



1

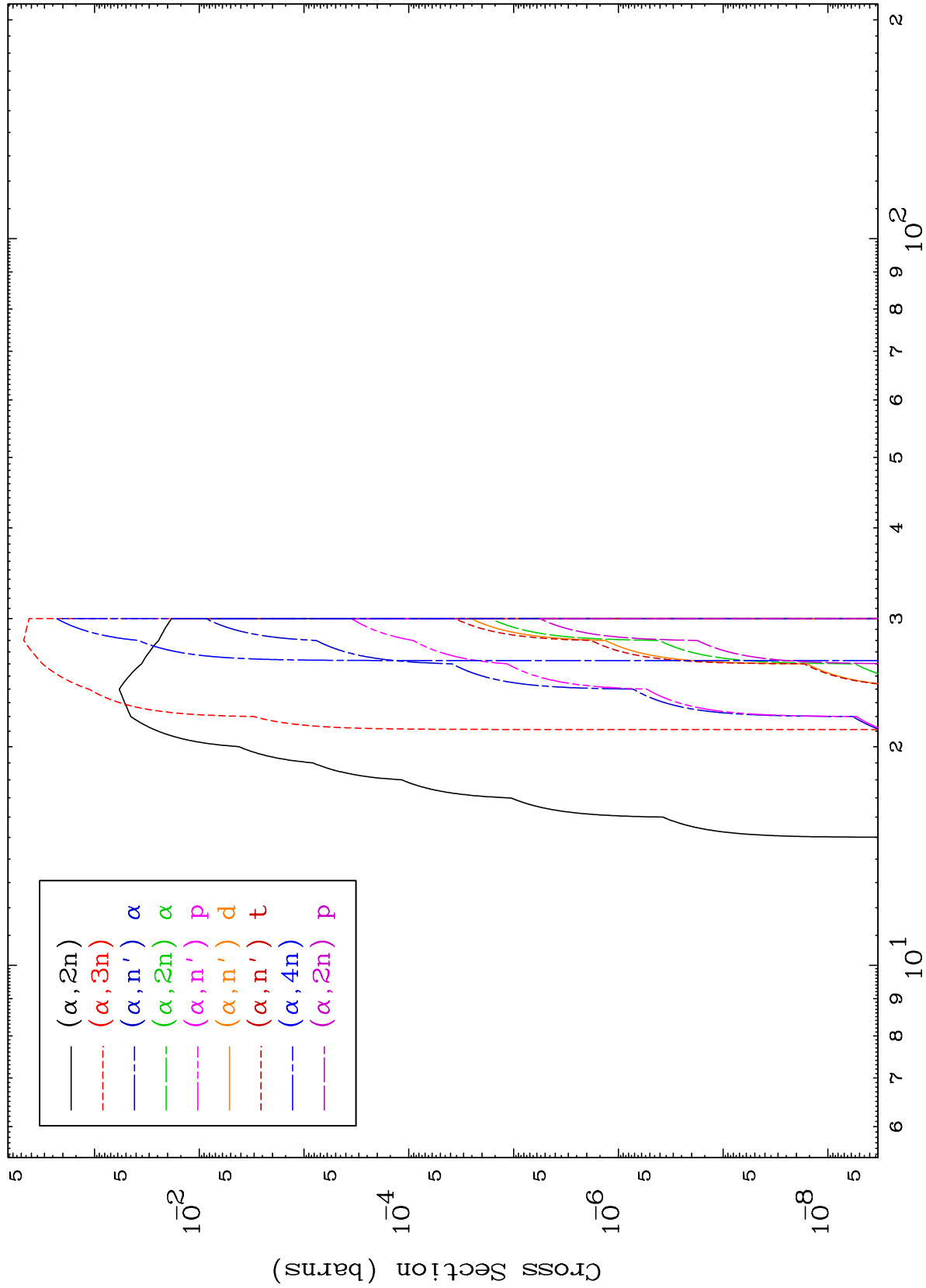
Incident Energy (MeV)

91-Pa-239

MAT 9155

α Neutron Production
0 Kelvin Cross Sections

91-Pa-239



2

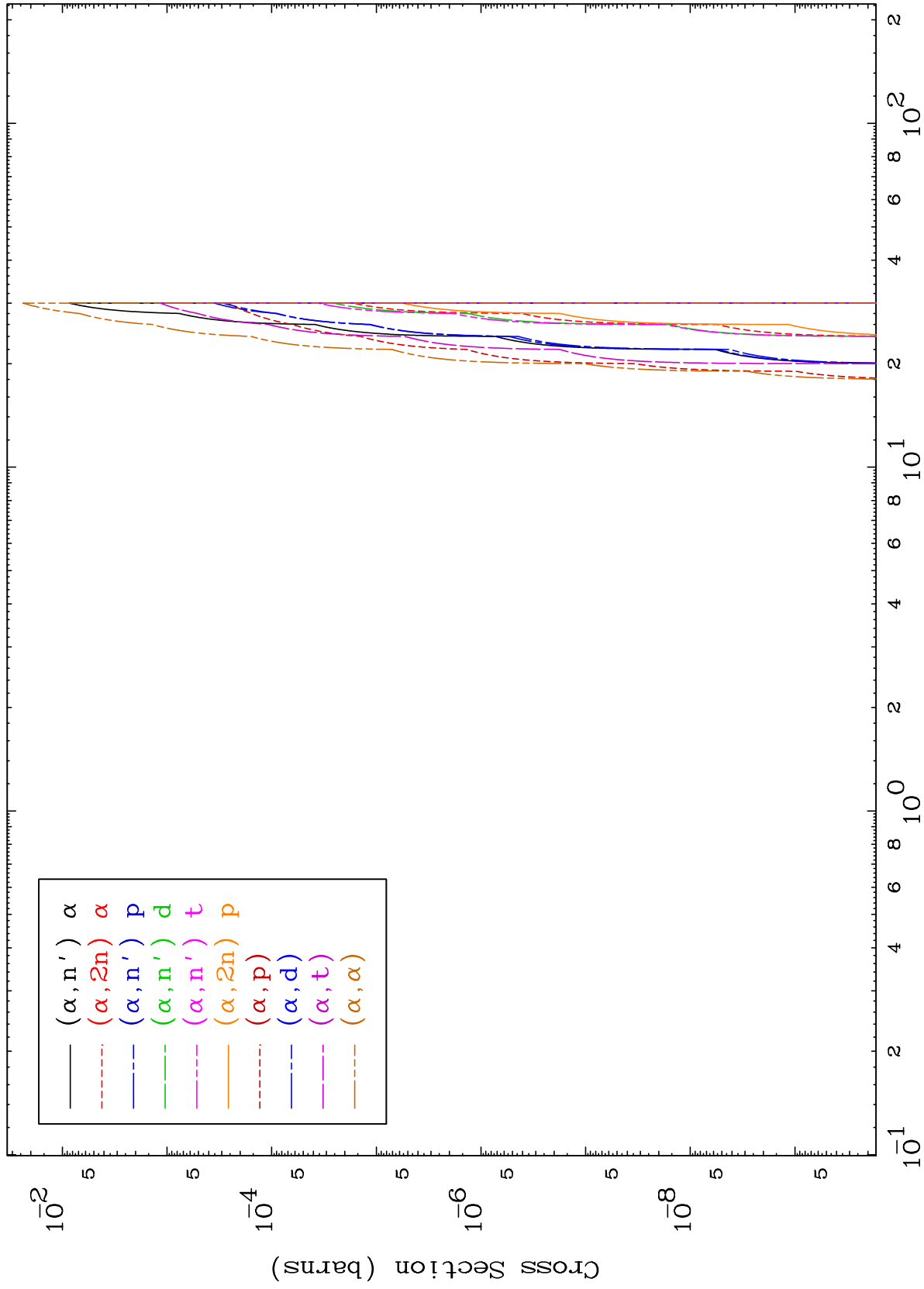
Incident Energy (MeV)

91-Pa-239

MAT 9155

α Charged Particle
0 Kelvin Cross Sections

91-Pa-239



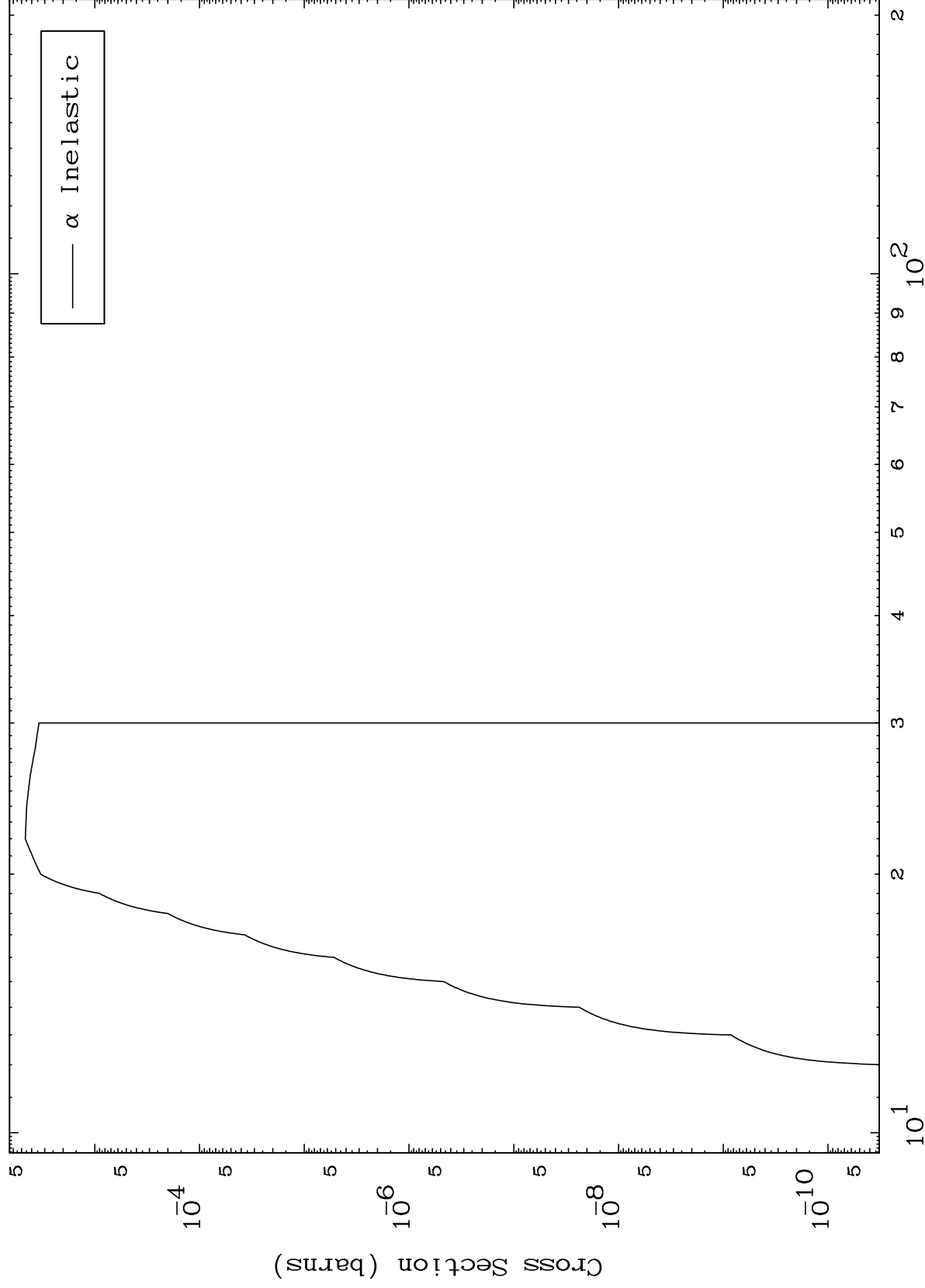
Incident Energy (MeV)

91-Pa-239

MAT 9155

(α, n') Level
0 Kelvin Cross Sections

91-Pa-239



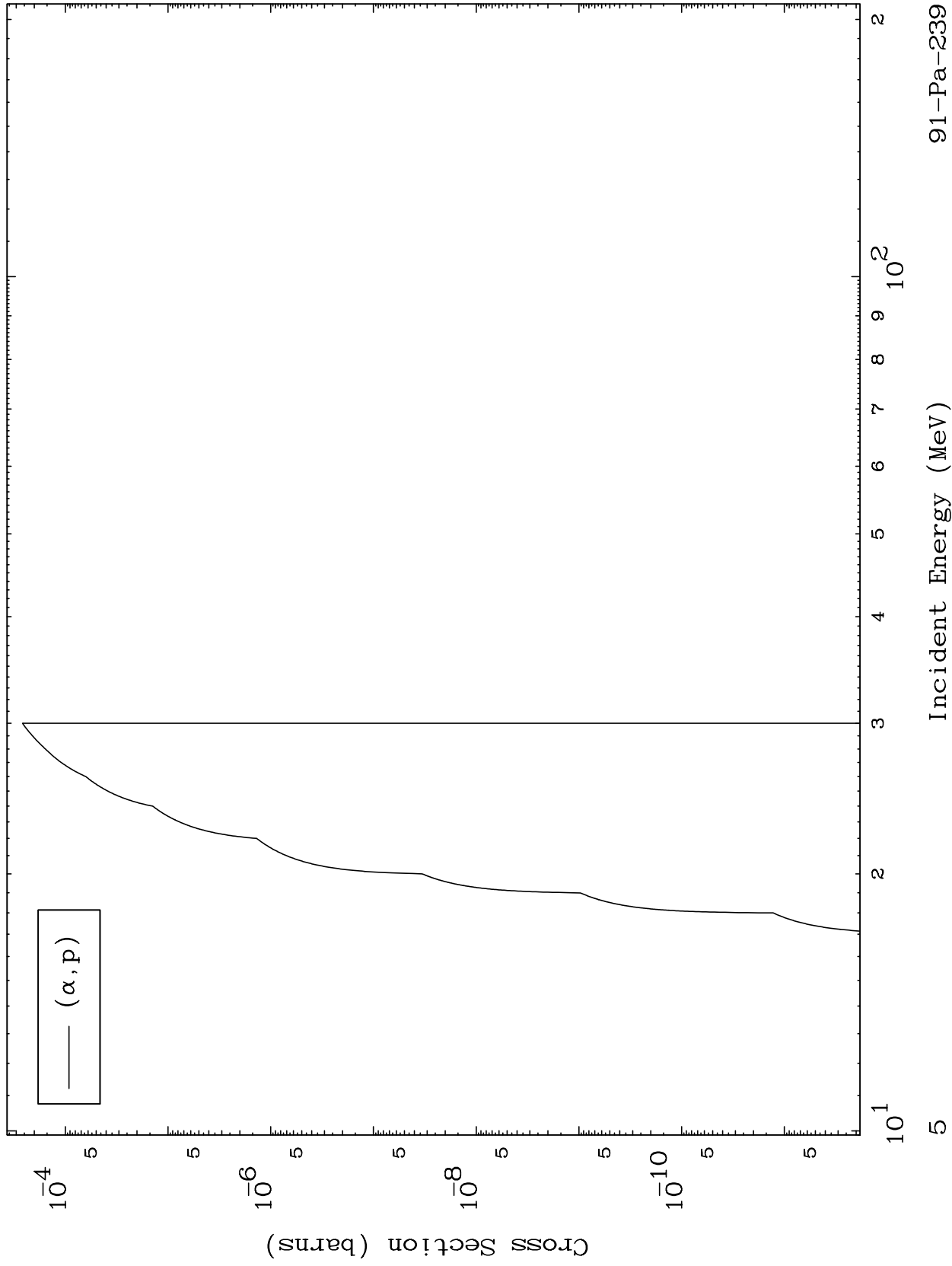
Incident Energy (MeV)

91-Pa-239

MAT 9155

91-Pa-239

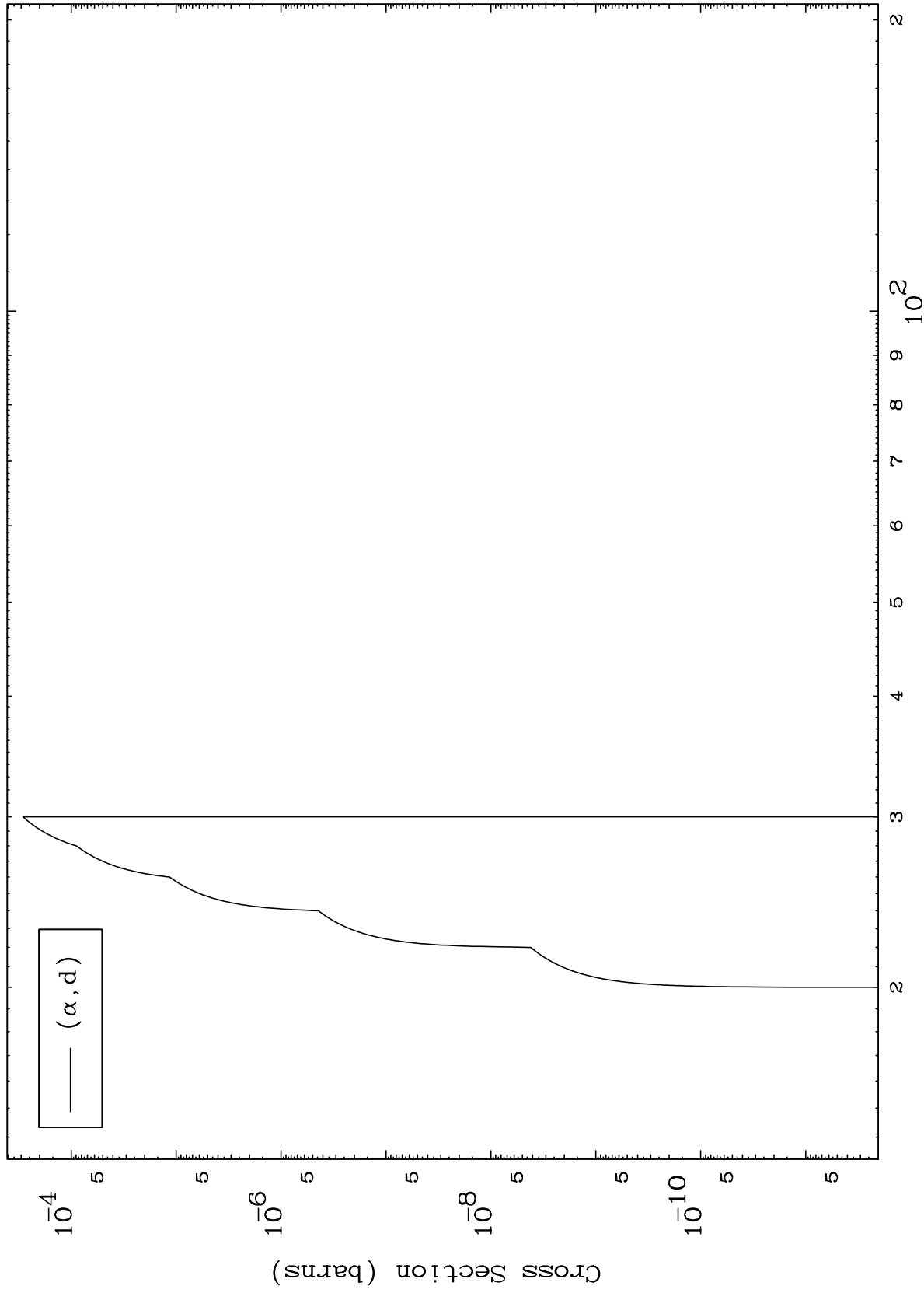
(α, p) Levels
0 Kelvin Cross Sections



MAT 9155

91-Pa-239

(α, d) Levels
0 Kelvin Cross Sections



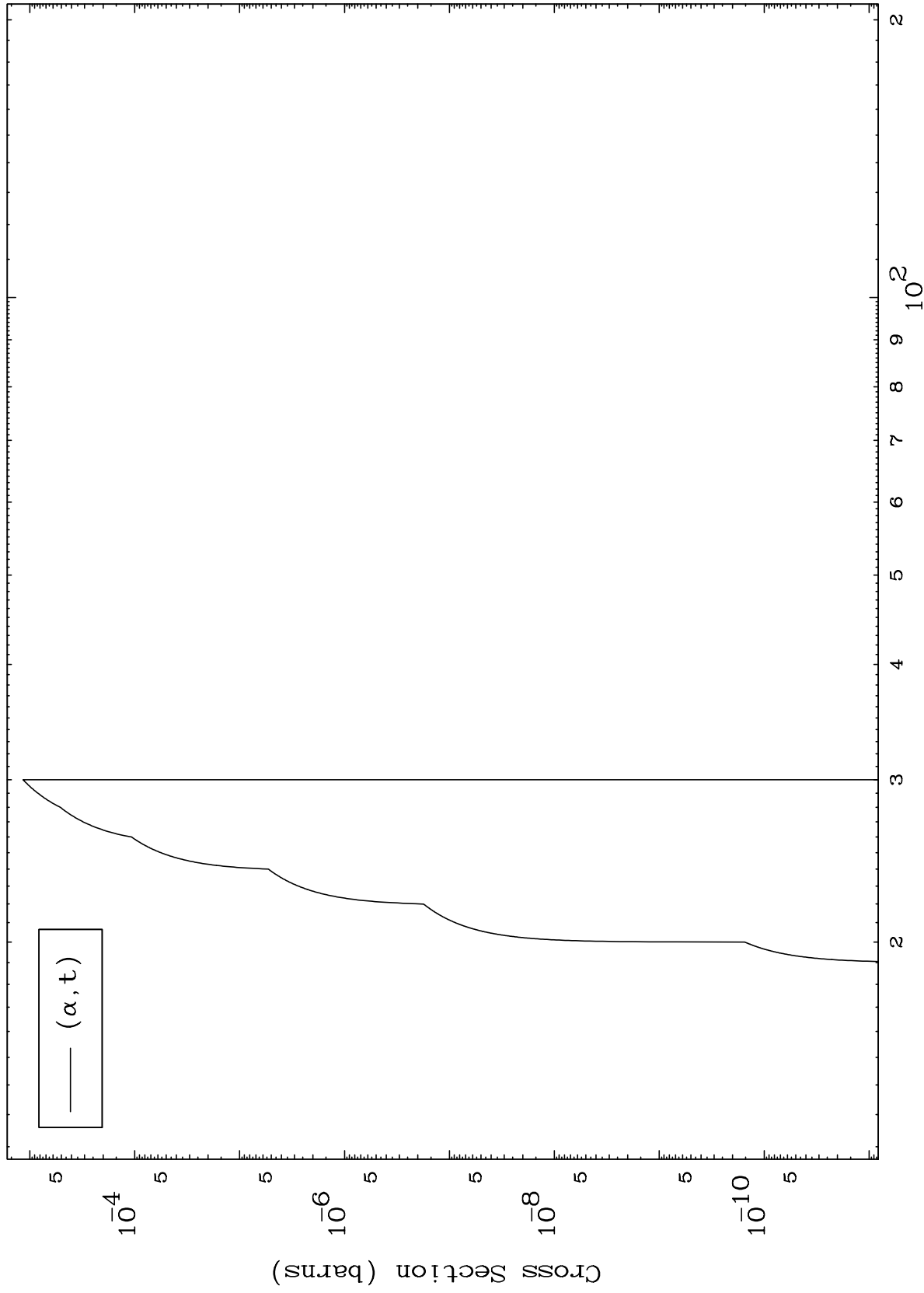
6

91-Pa-239

MAT 9155

91-Pa-239

(α, t) Levels
0 Kelvin Cross Sections



7

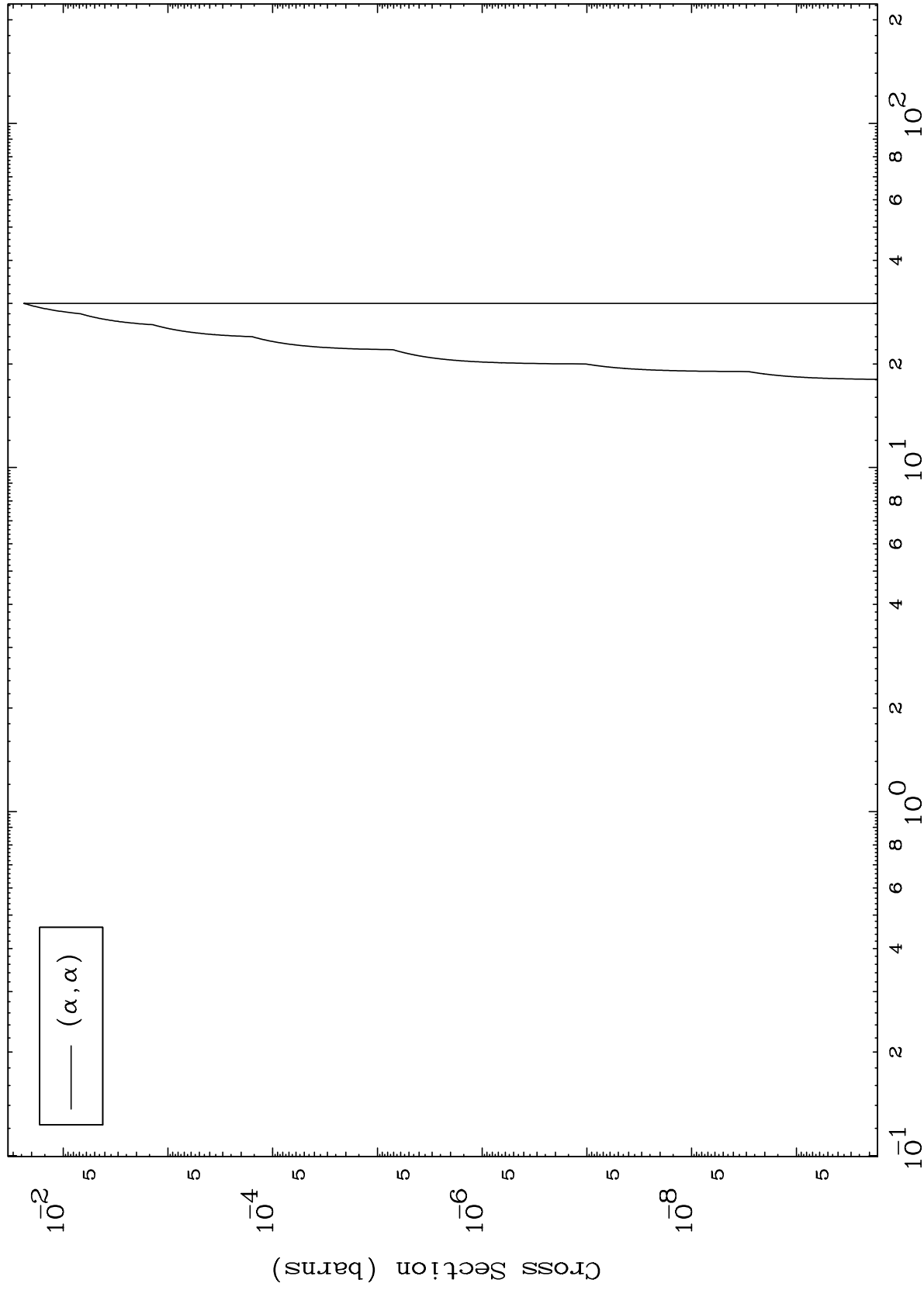
91-Pa-239

MAT 9155

(α, α) Levels

91-Pa-239

0 Kelvin Cross Sections



8

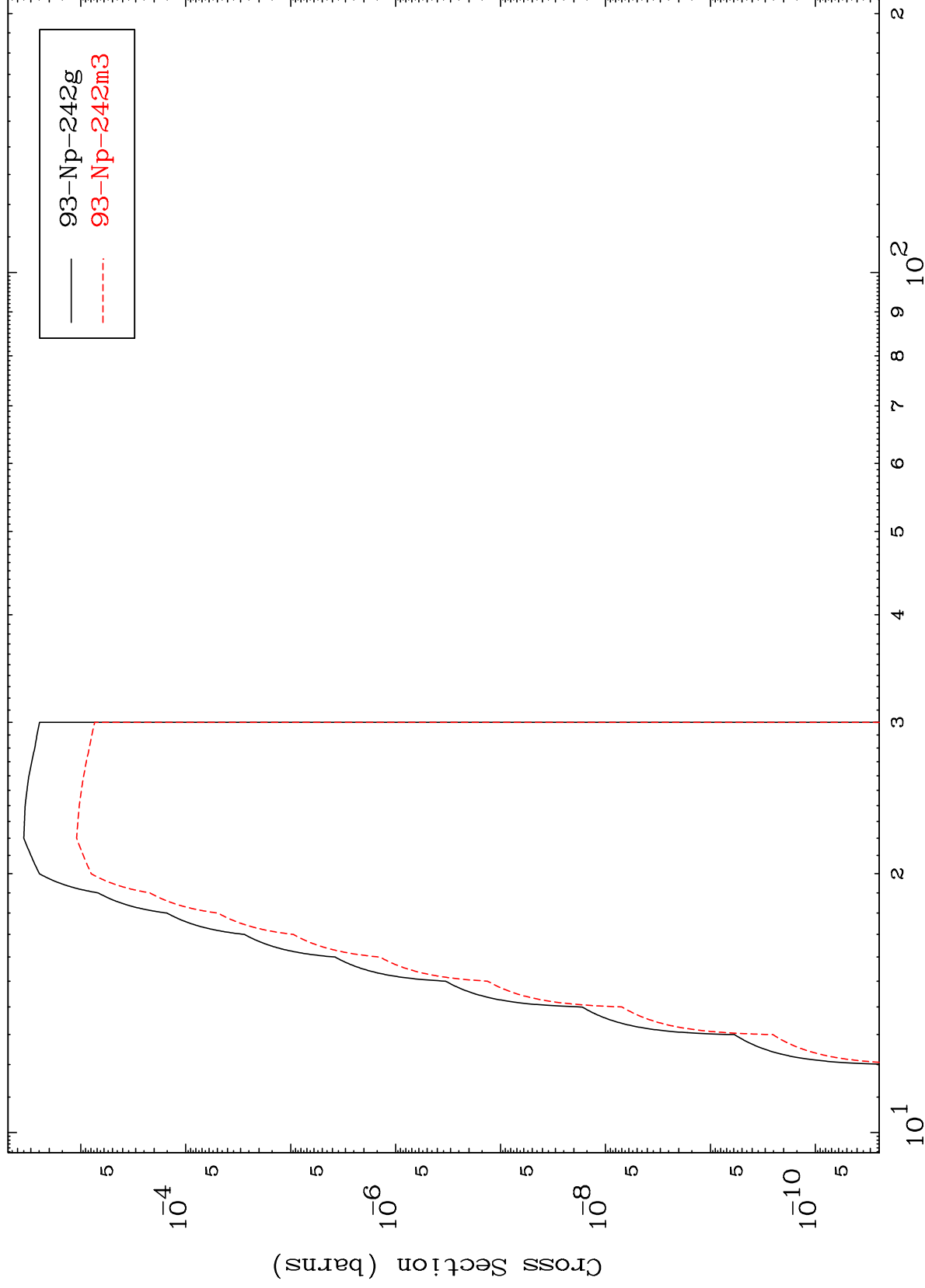
Incident Energy (MeV)

91-Pa-239

MAT 9155

91-Pa-239

α Inelastic
Radionuclide Production Cross Section



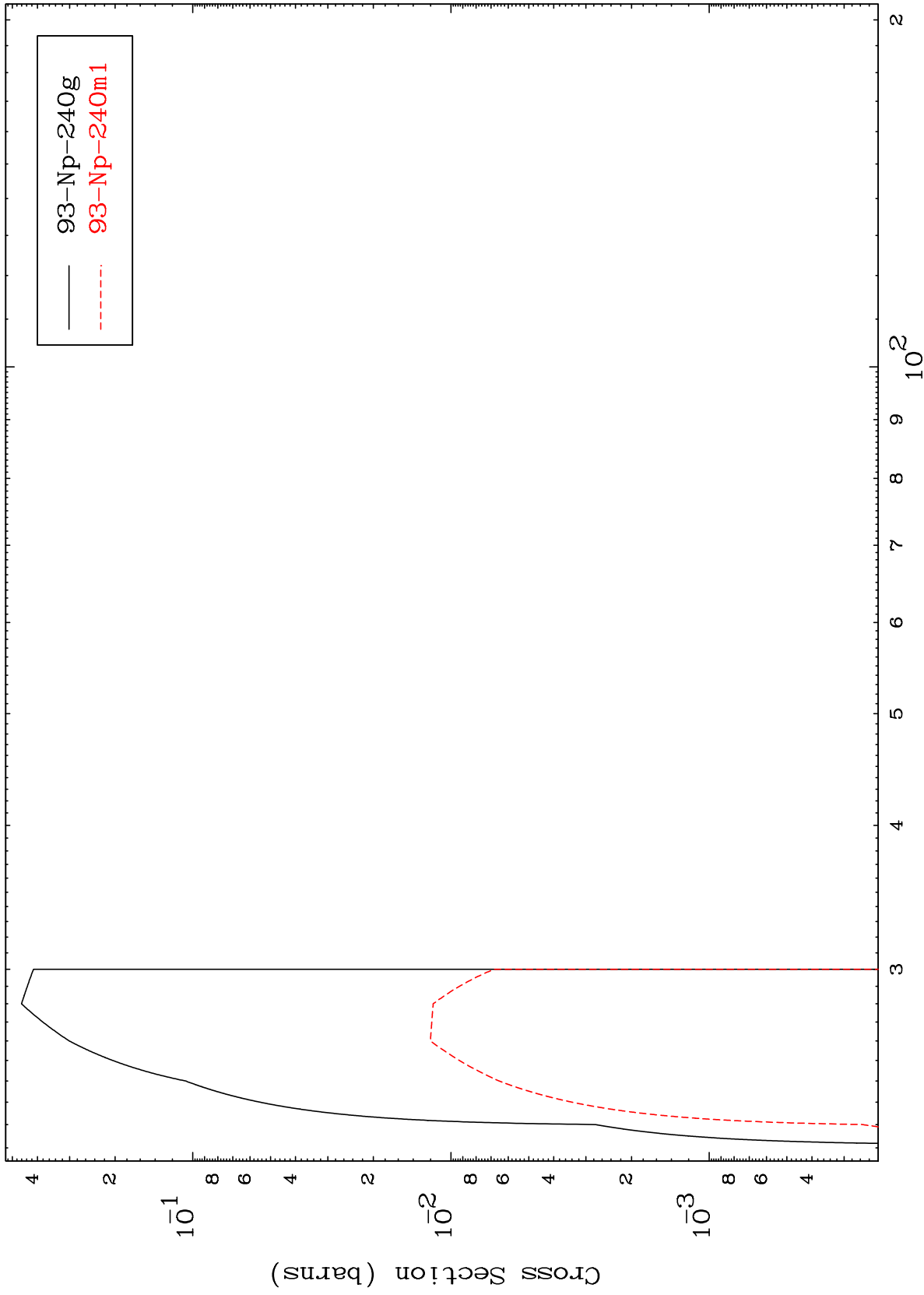
Incident Energy (MeV)

91-Pa-239

MAT 9155

91-Pa-239

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



10

Incident Energy (MeV)

91-Pa-239

MAT 9155

α Fission
Radionuclide Production Cross Section

91-Pa-239

