

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

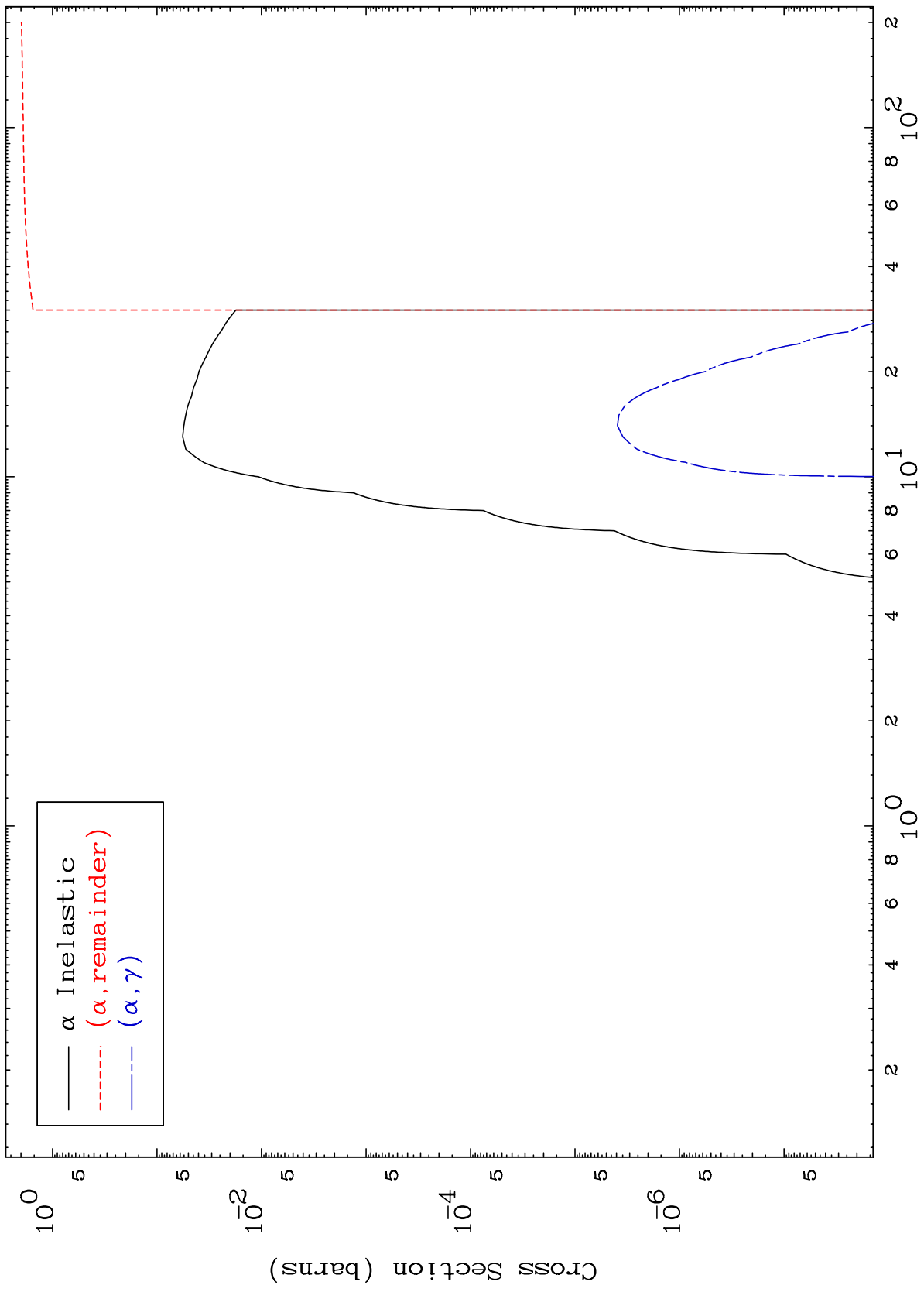
Press Mouse Button to Start

MAT 3943

α Major

39-Y -95

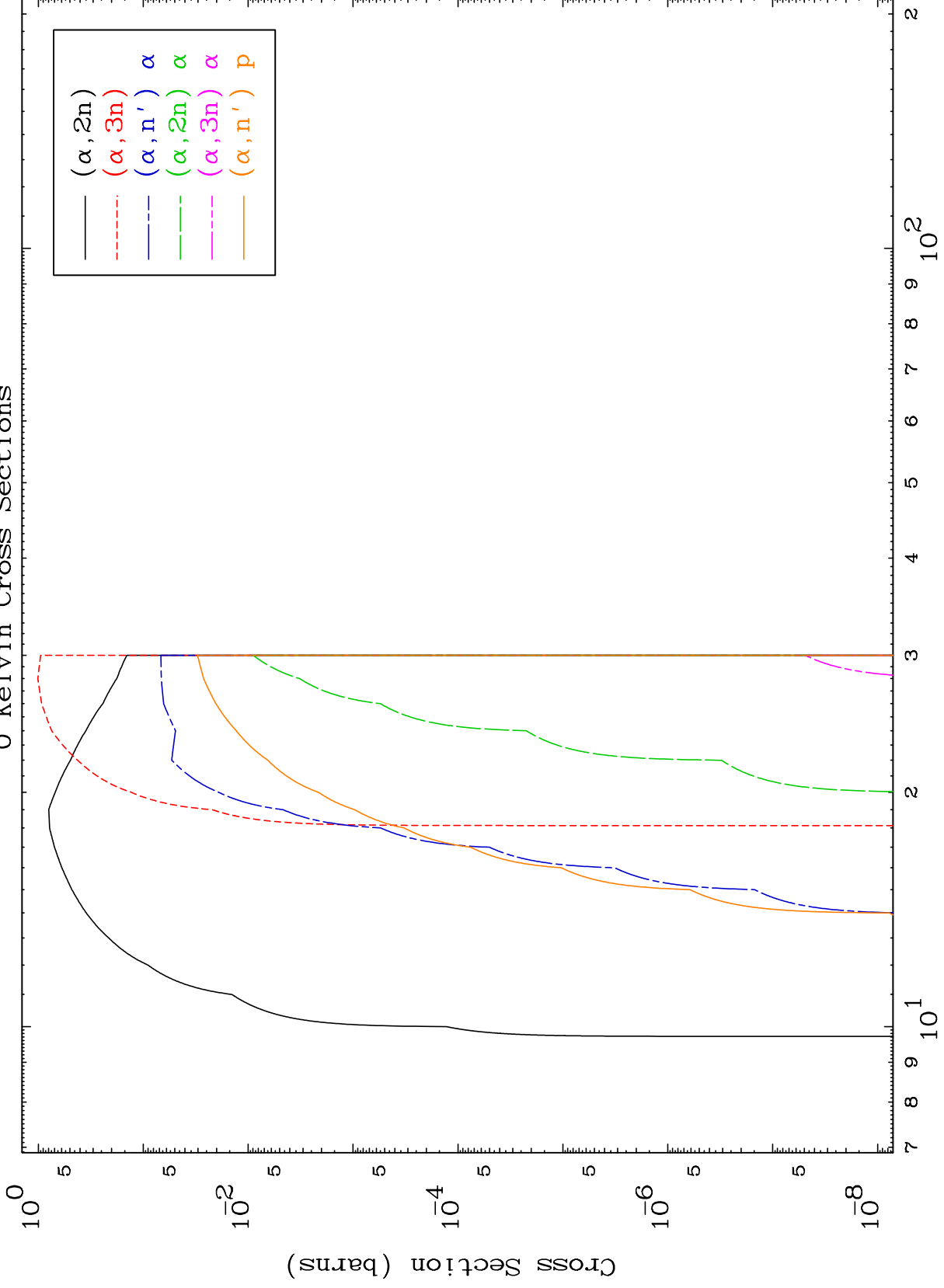
0 Kelvin Cross Sections



MAT 3943

α Neutron Production
0 Kelvin Cross Sections

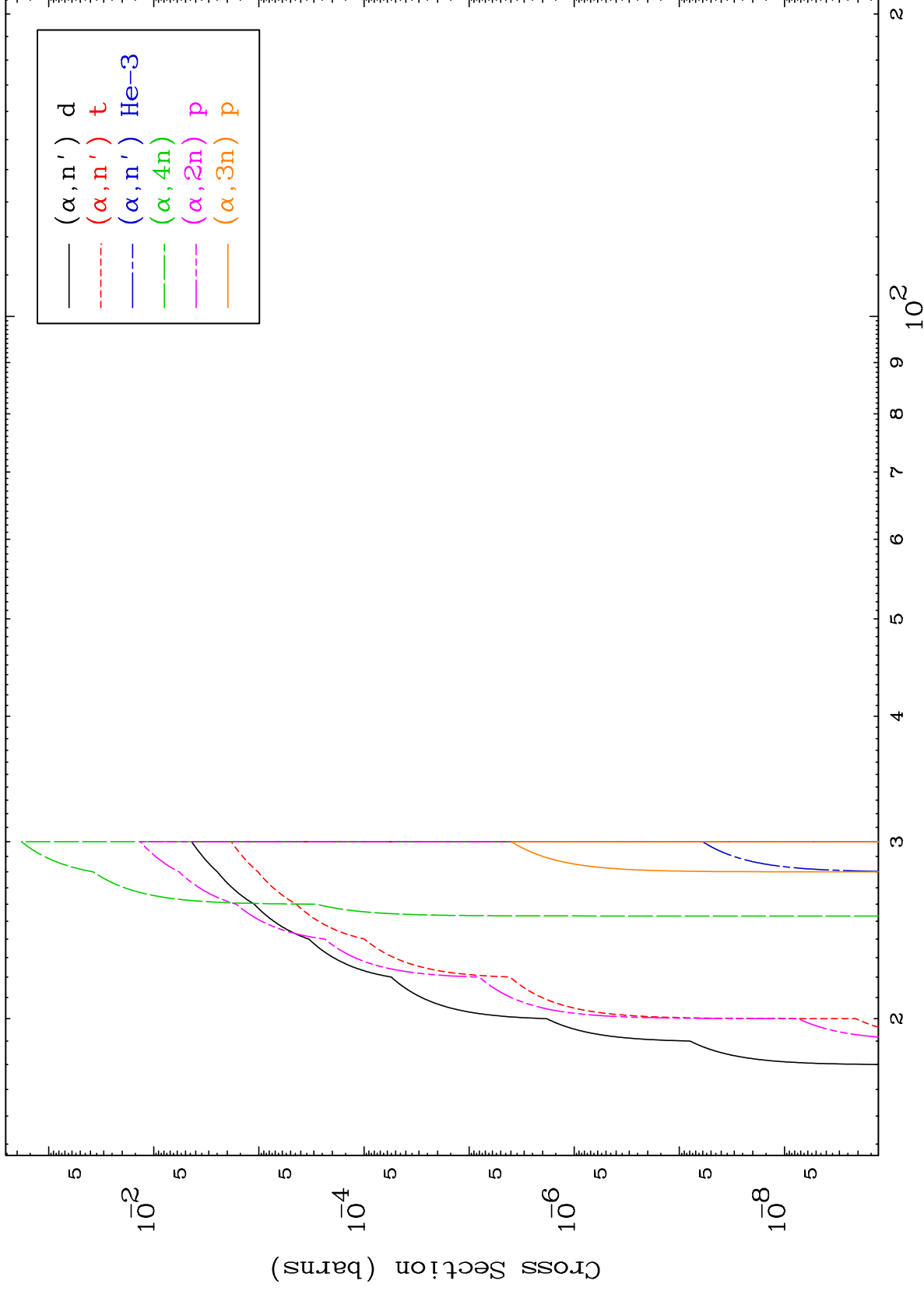
39-Y -95

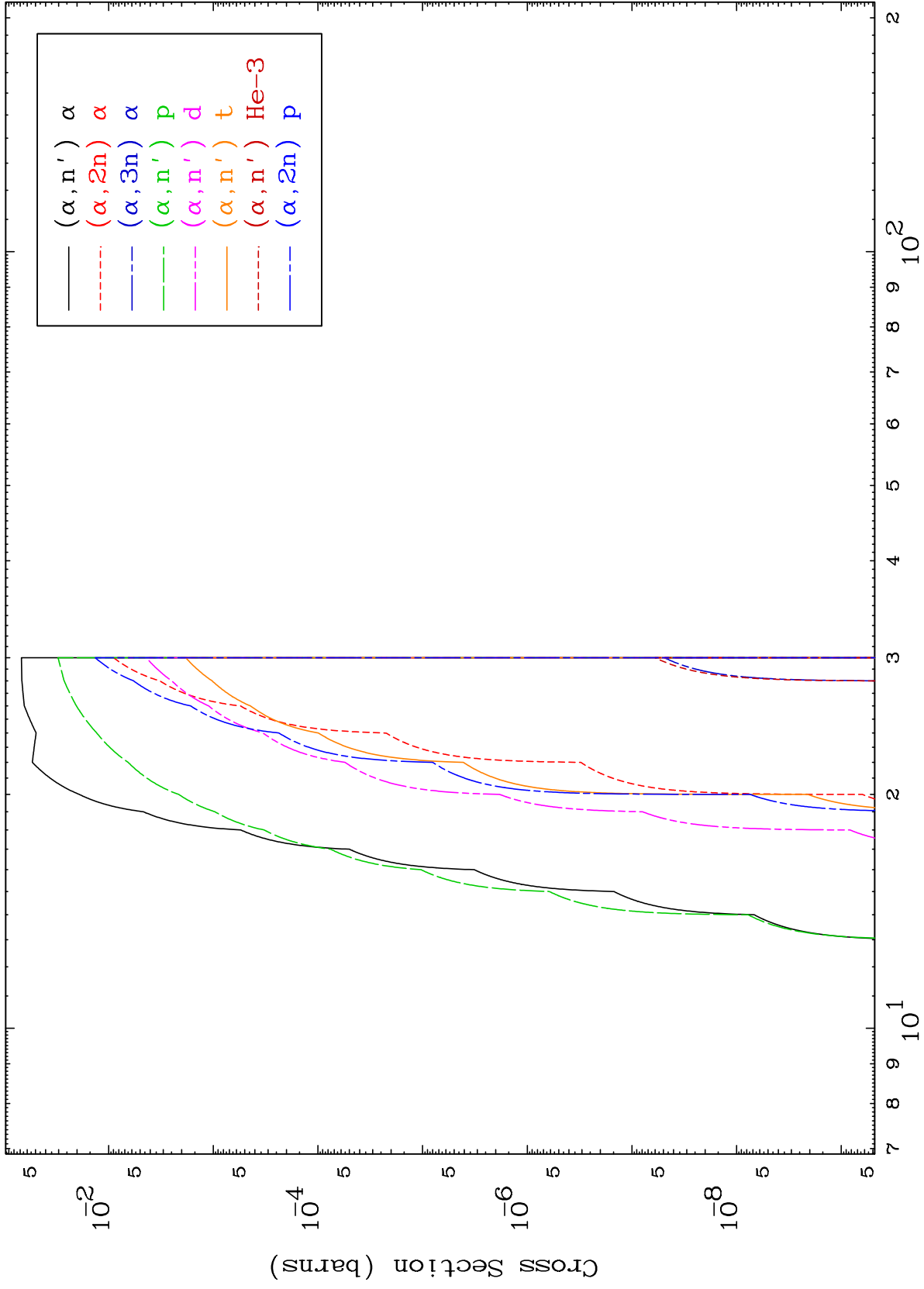


2

Incident Energy (MeV)

39-Y -95

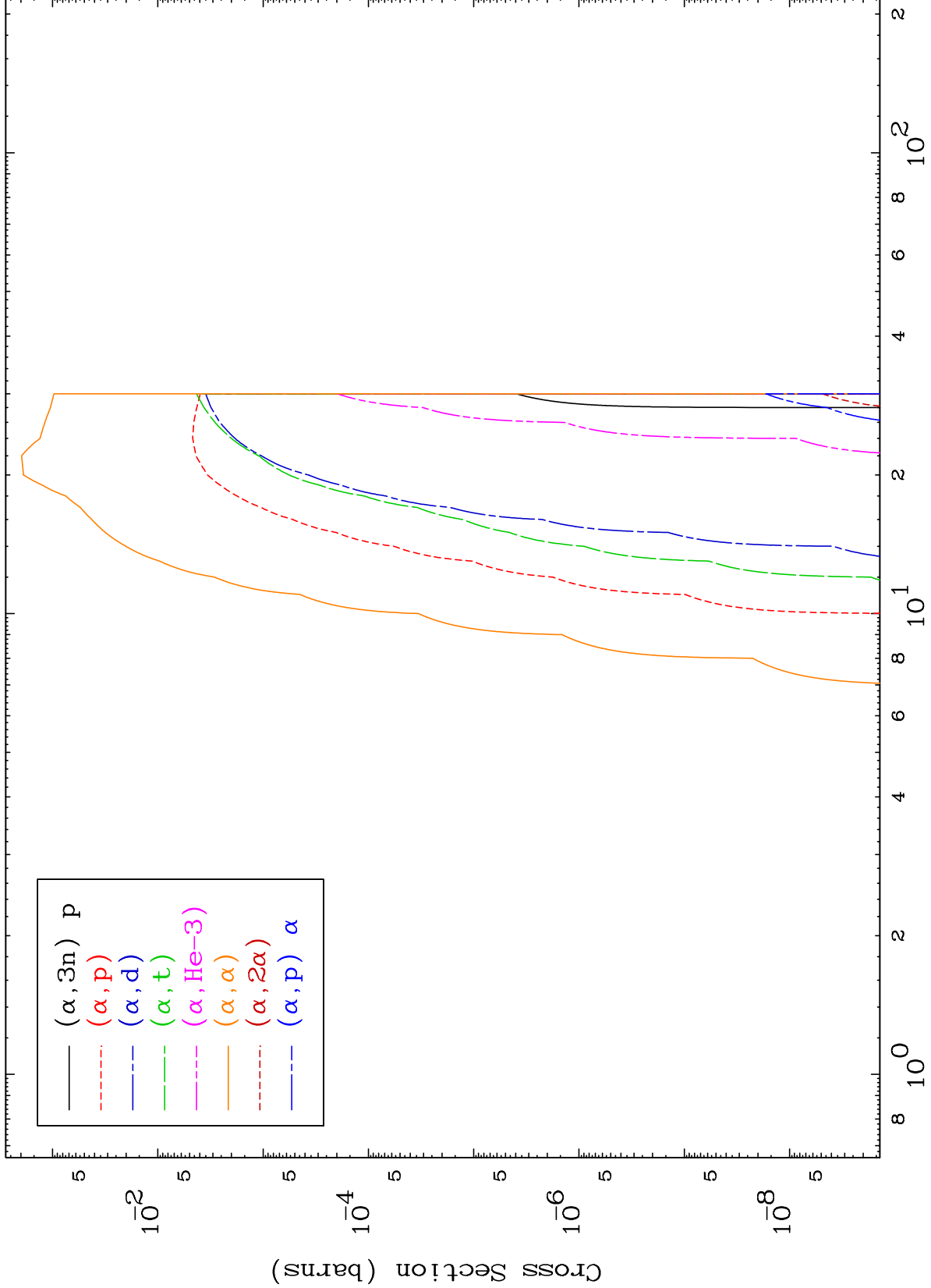




MAT 3943

α Charged Particle
0 Kelvin Cross Sections

39-Y -95



5

Incident Energy (MeV)

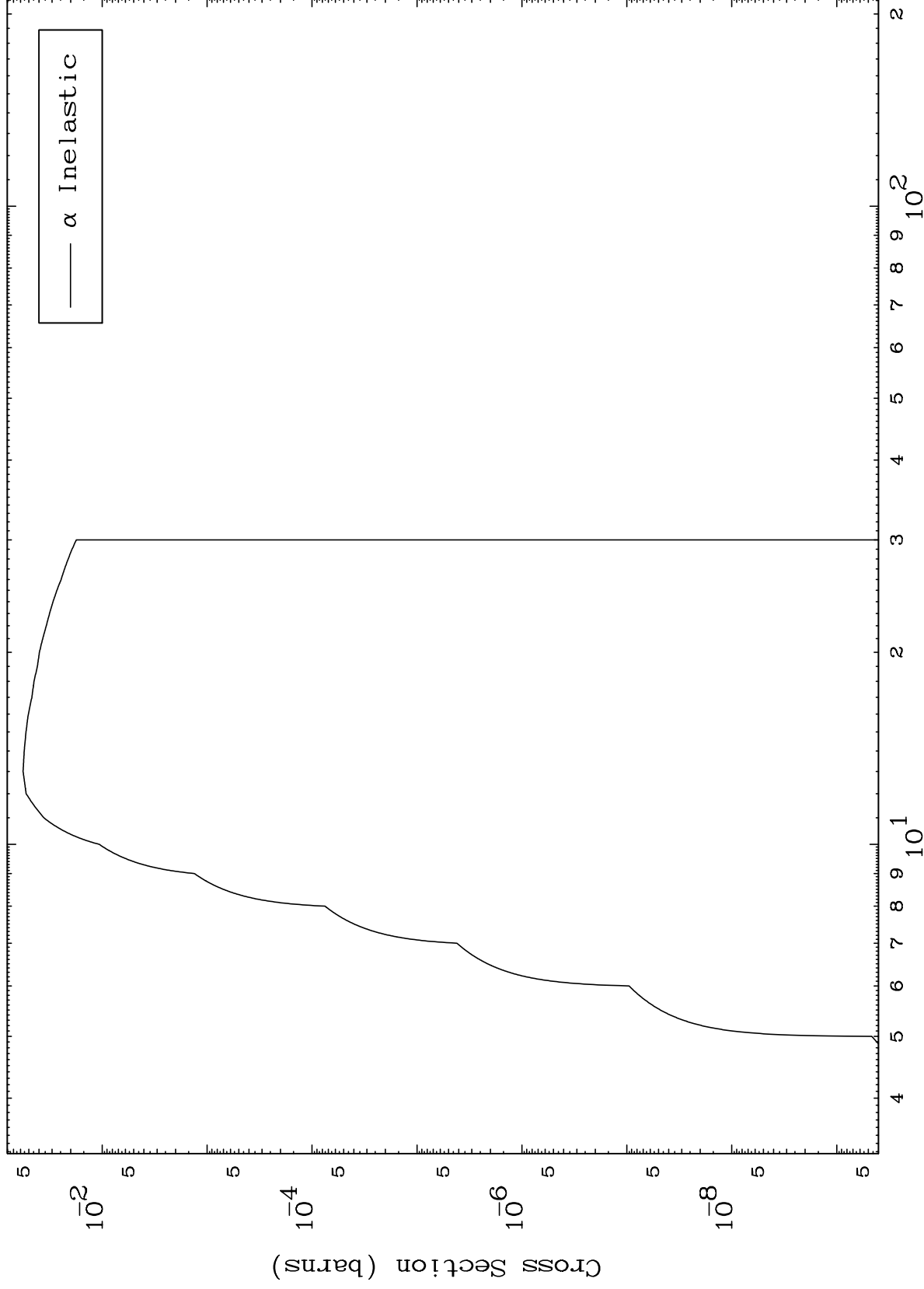
39-Y -95

MAT 3943

(α, n') Level

39-Y -95

0 Kelvin Cross Sections



6

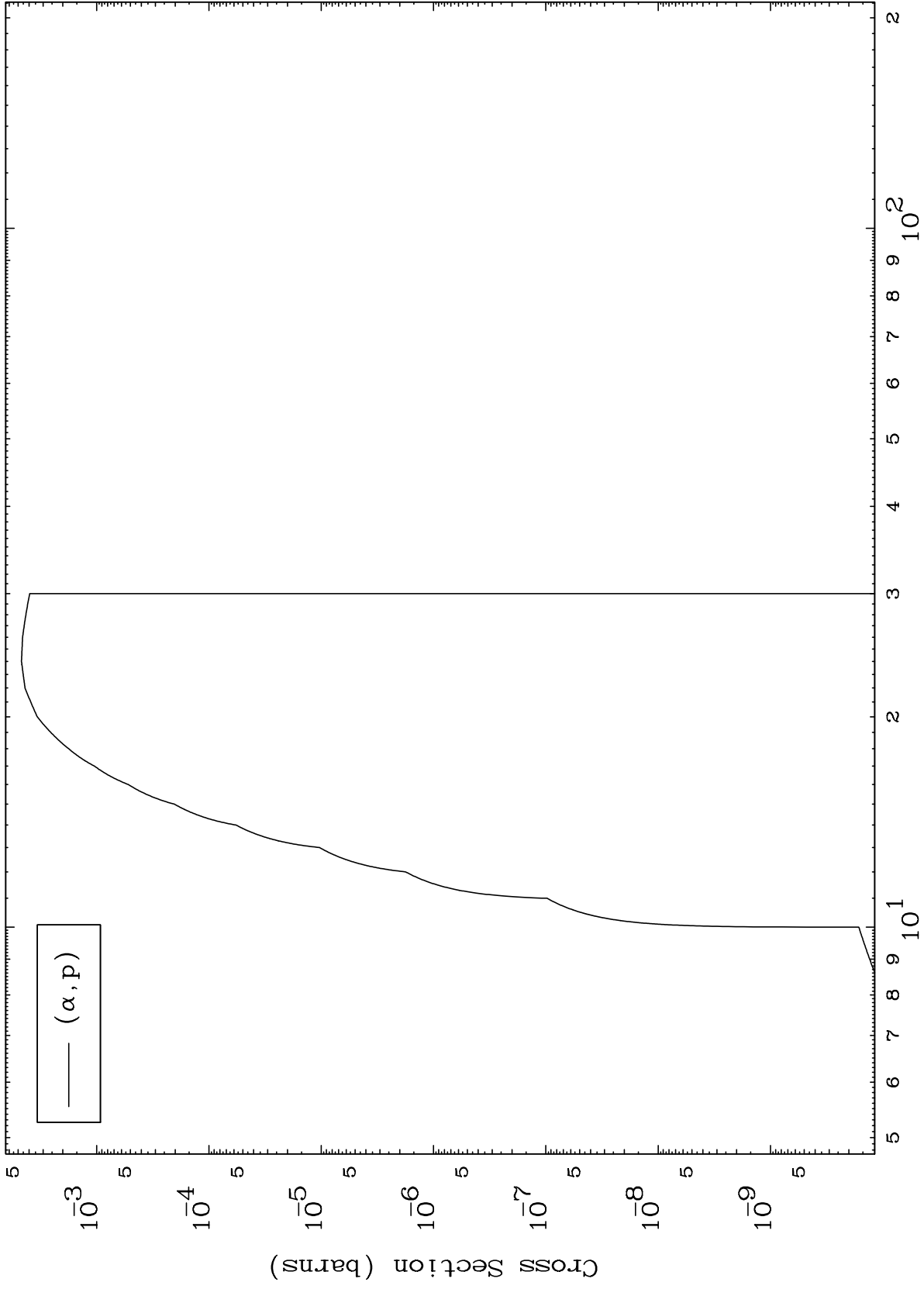
Incident Energy (MeV)

39-Y -95

MAT 3943

(α, p) Levels
0 Kelvin Cross Sections

39-Y -95



7

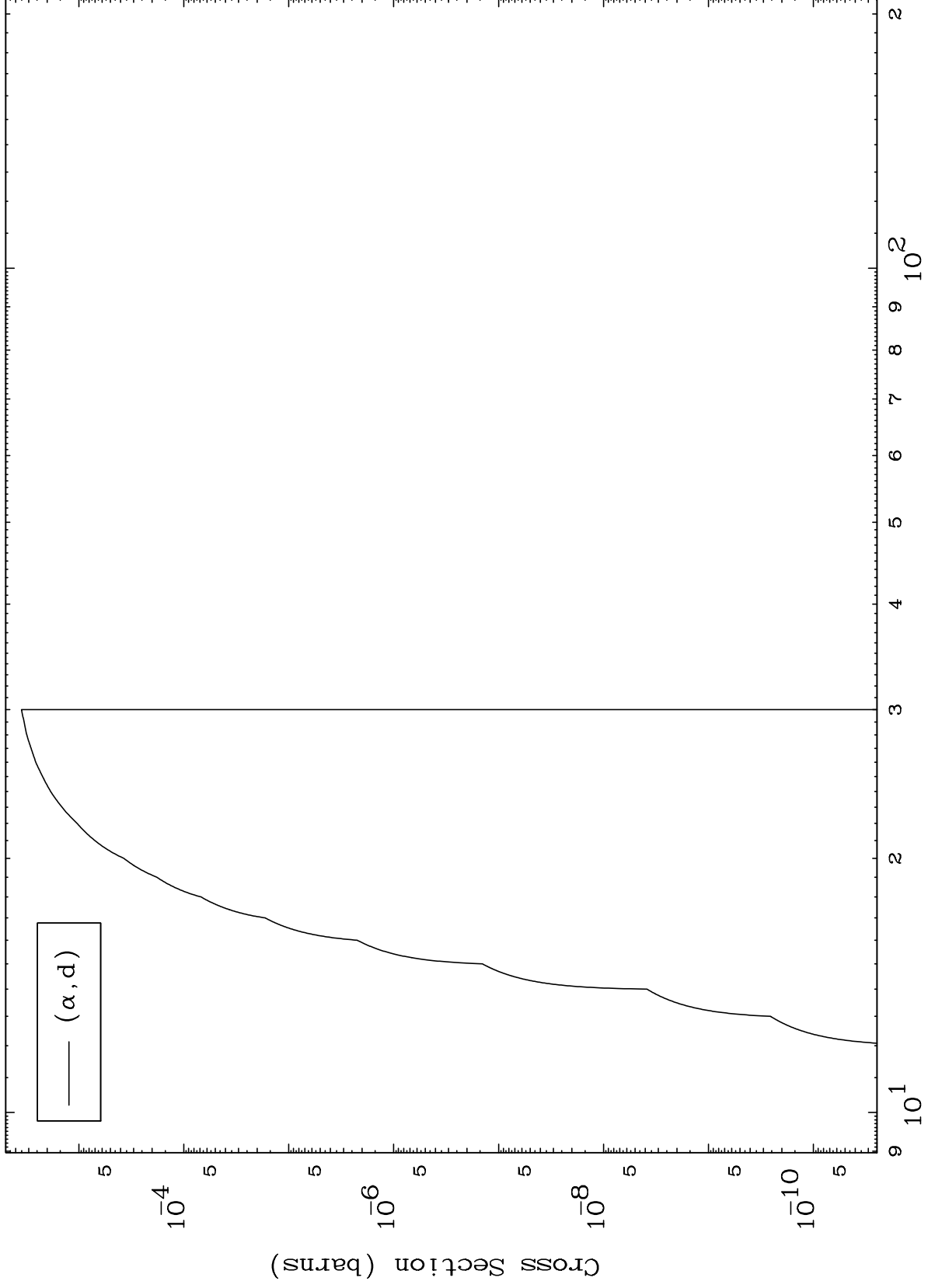
Incident Energy (MeV)

39-Y -95

MAT 3943

(α, d) Levels
0 Kelvin Cross Sections

39-Y -95



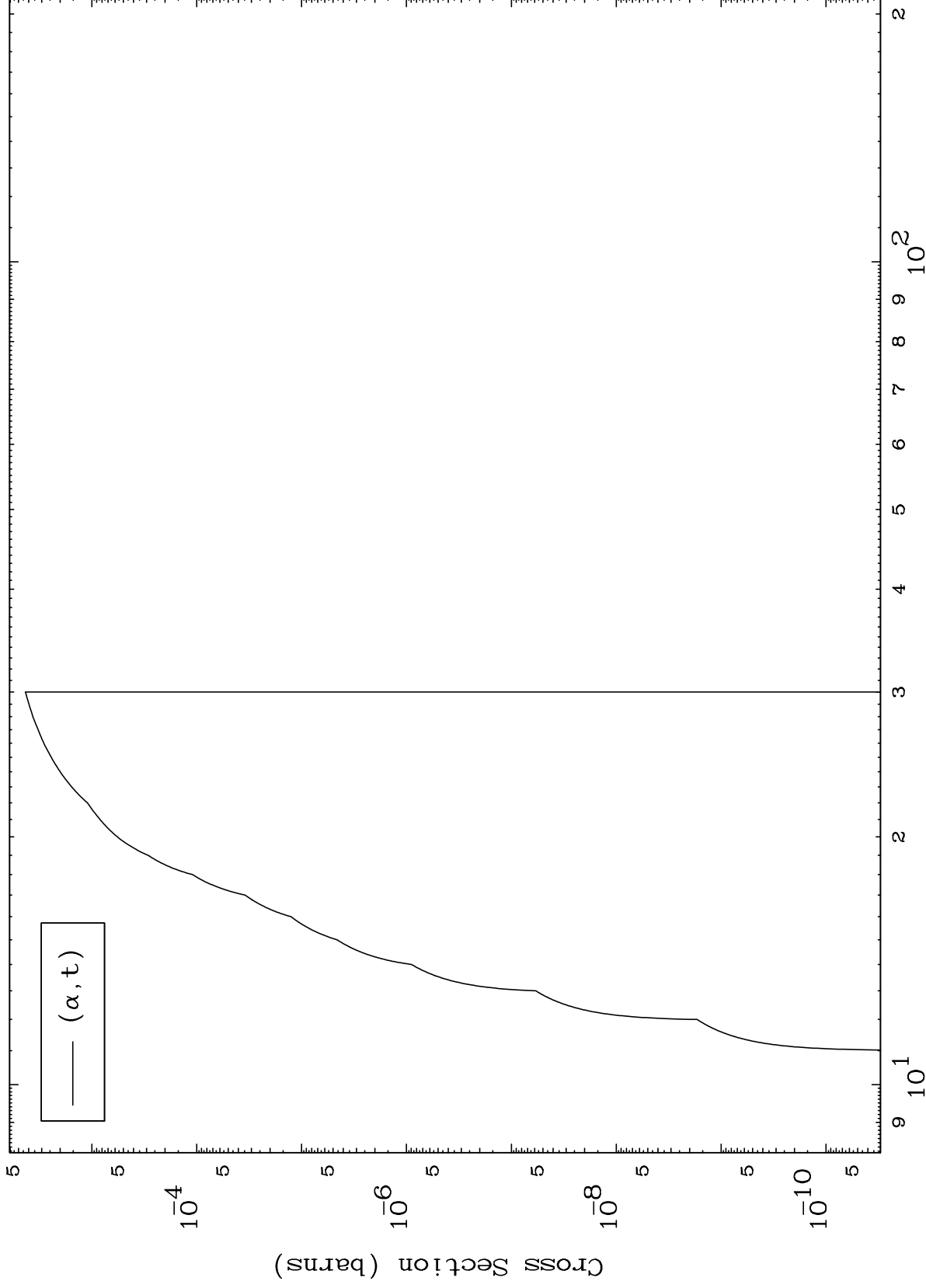
Incident Energy (MeV)

39-Y -95

MAT 3943

(α, t) Levels
0 Kelvin Cross Sections

39-Y -95



9

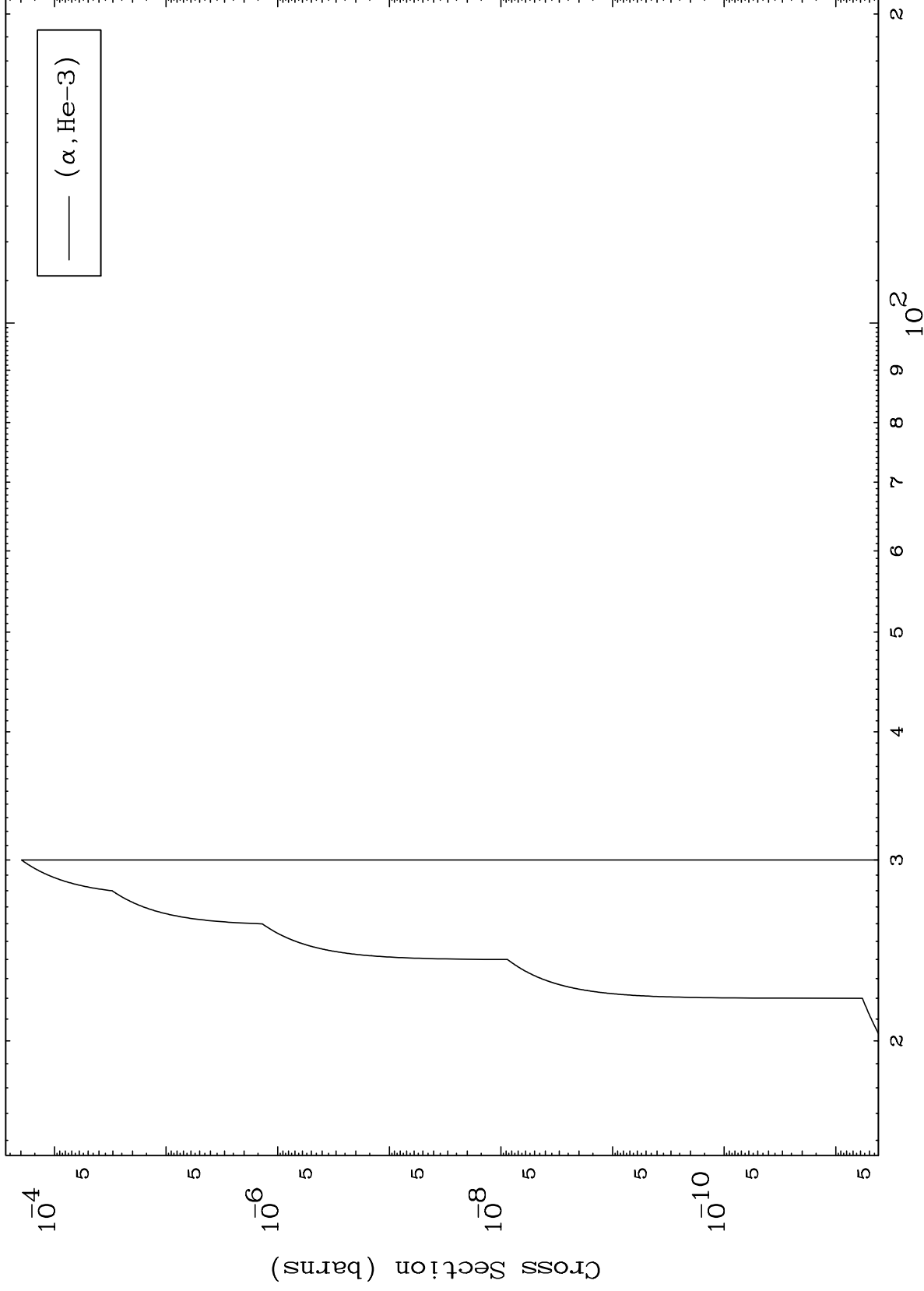
Incident Energy (MeV)

39-Y -95

MAT 3943

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

39-Y -95



10

Incident Energy (MeV)

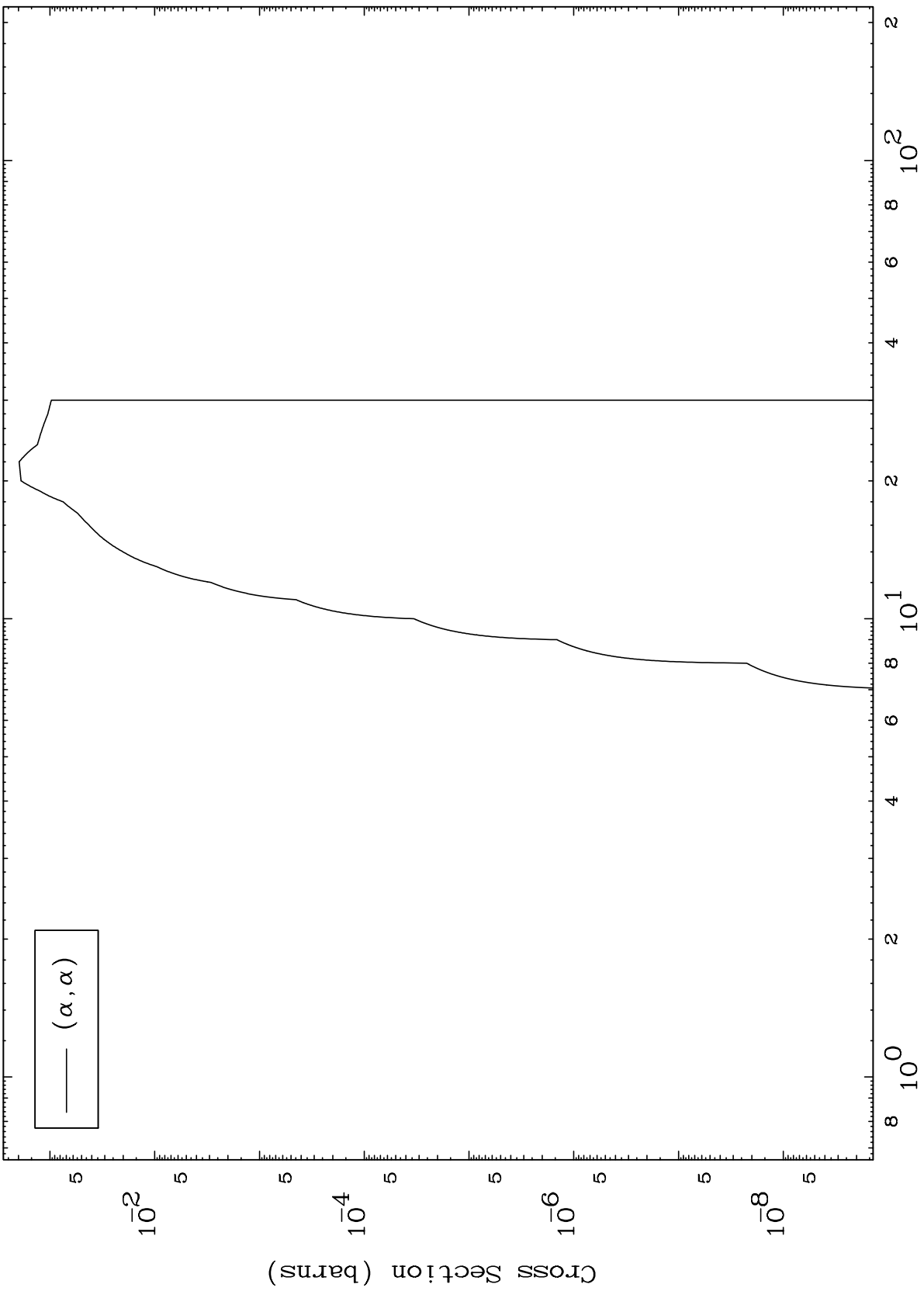
39-Y -95

MAT 3943

(α, α) Levels

39-Y -95

0 Kelvin Cross Sections

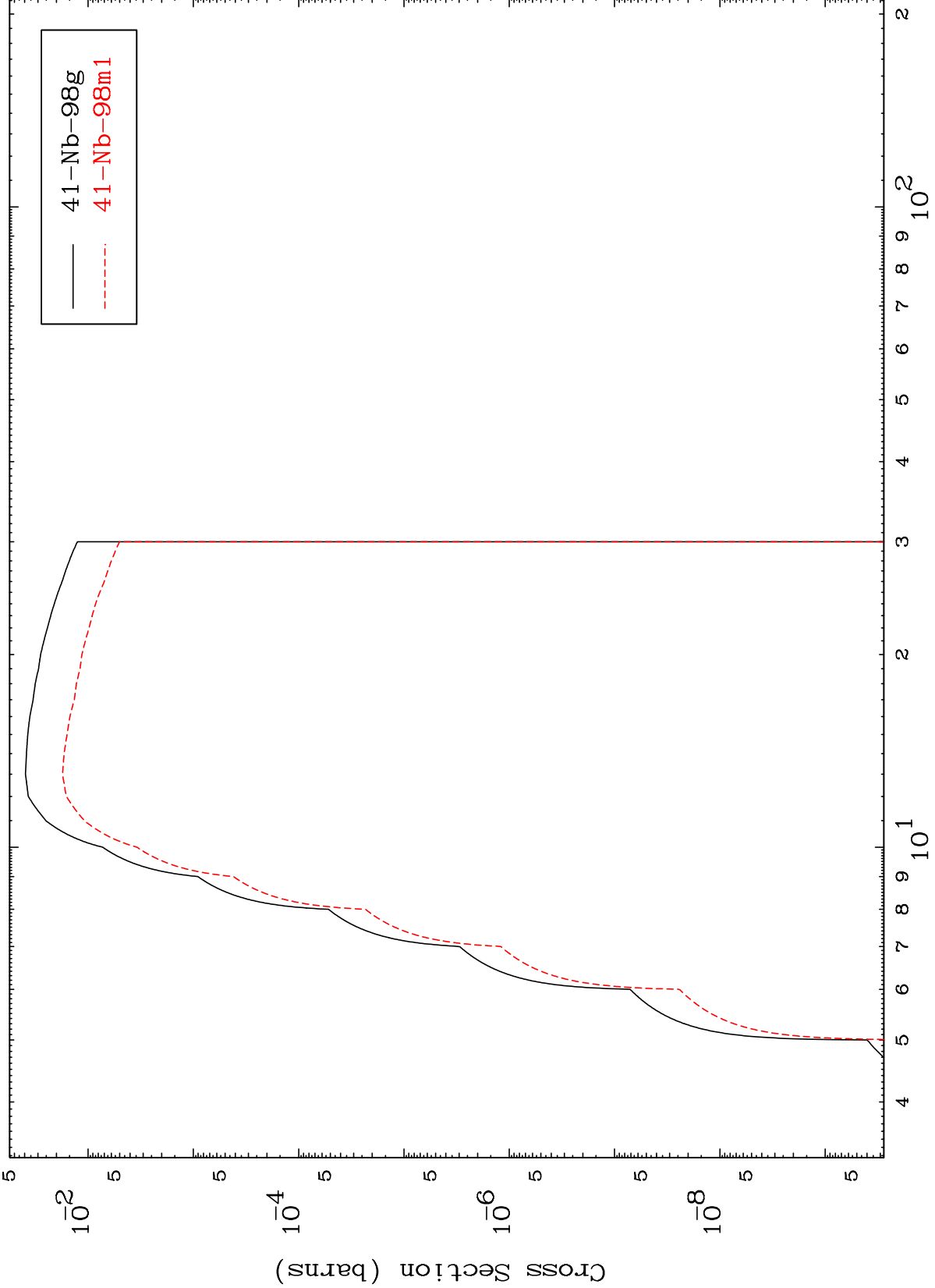


MAT 3943

α Inelastic

39-Y -95

Radionuclide Production Cross Section



12

Incident Energy (MeV)

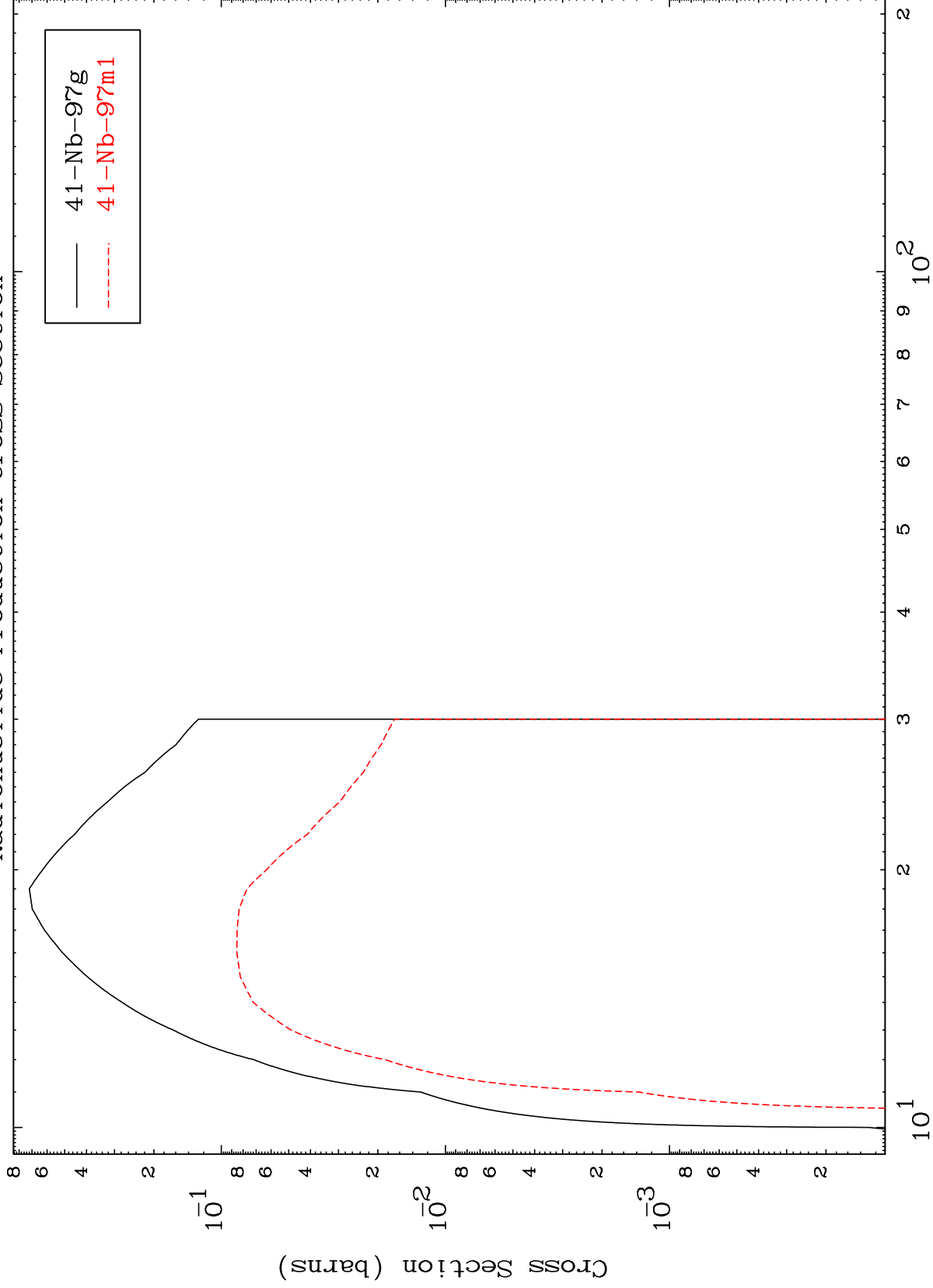
39-Y -95

MAT 3943

($\alpha, 2n$)

39-Y -95

Radionuclide Production Cross Section



Incident Energy (MeV)

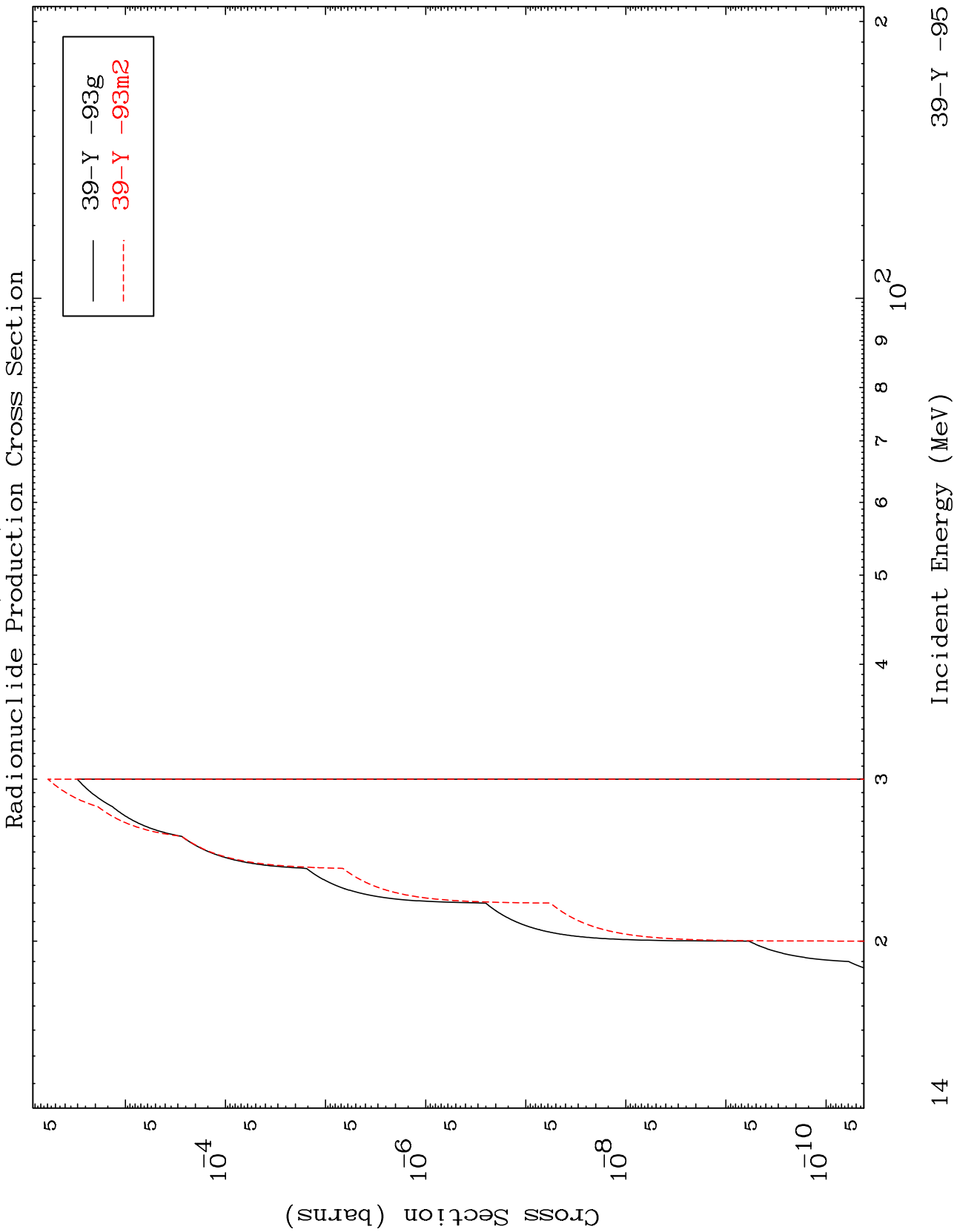
39-Y -95

13

MAT 3943

$(\alpha, 2n) \alpha$

39-Y -95



14

Incident Energy (MeV)

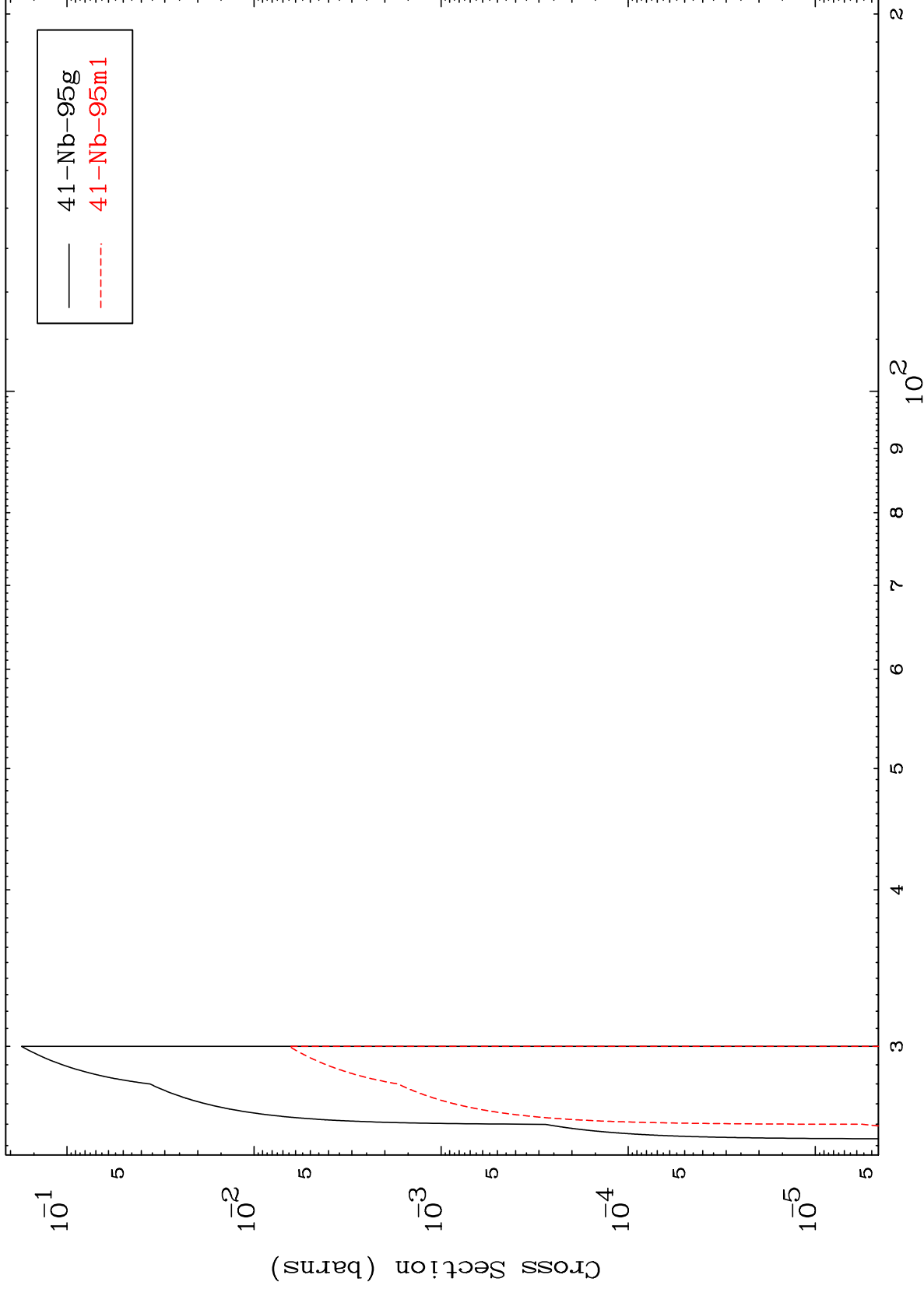
39-Y -95

MAT 3943

($\alpha, 4n$)

39-Y -95

Radionuclide Production Cross Section



41-Nb-95g
41-Nb-95m1

15

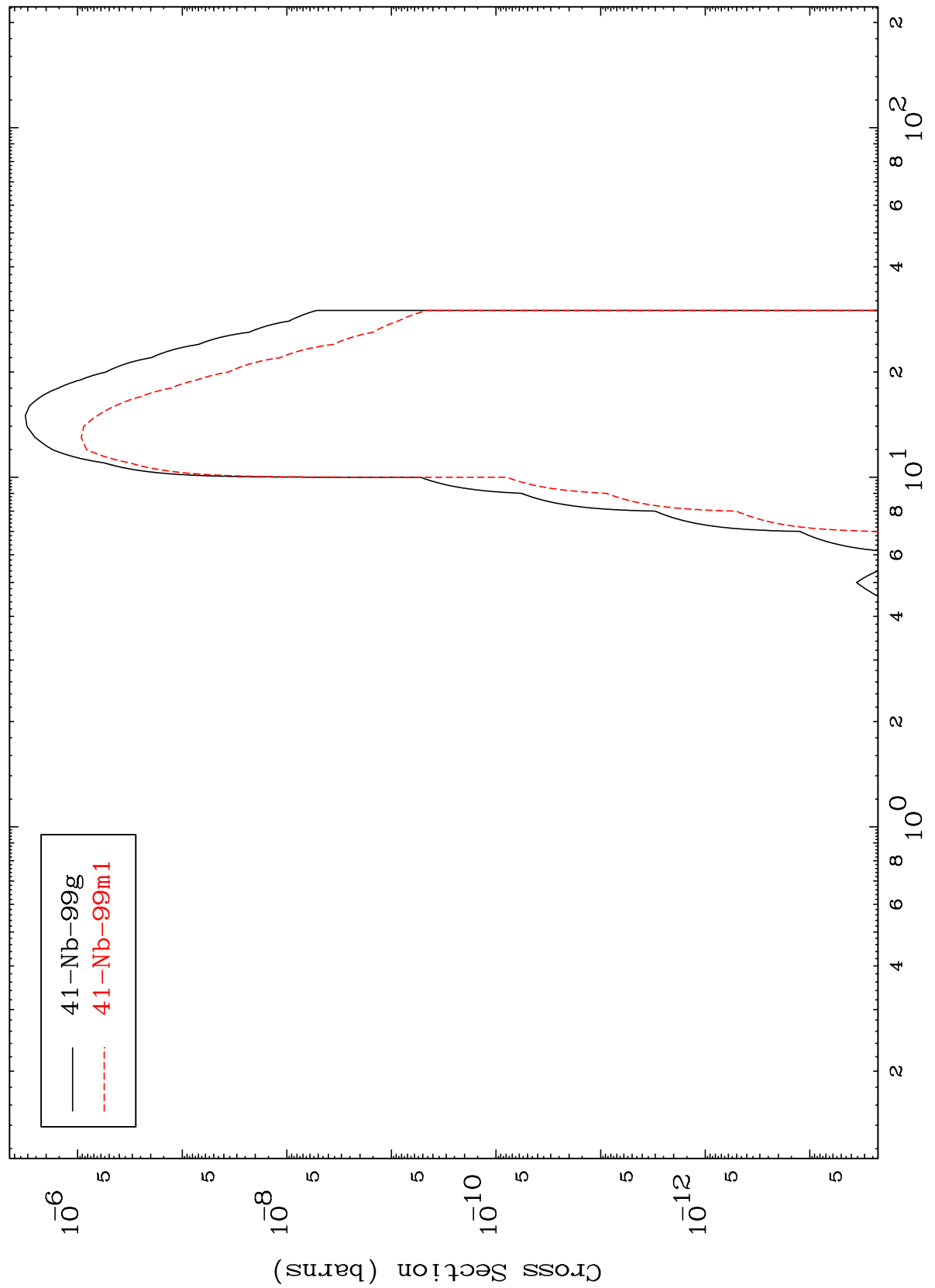
Incident Energy (MeV)

39-Y -95

MAT 3943

39-Y -95

Radionuclide Production Cross Section
(α, γ)



39-Y -95

Incident Energy (MeV)

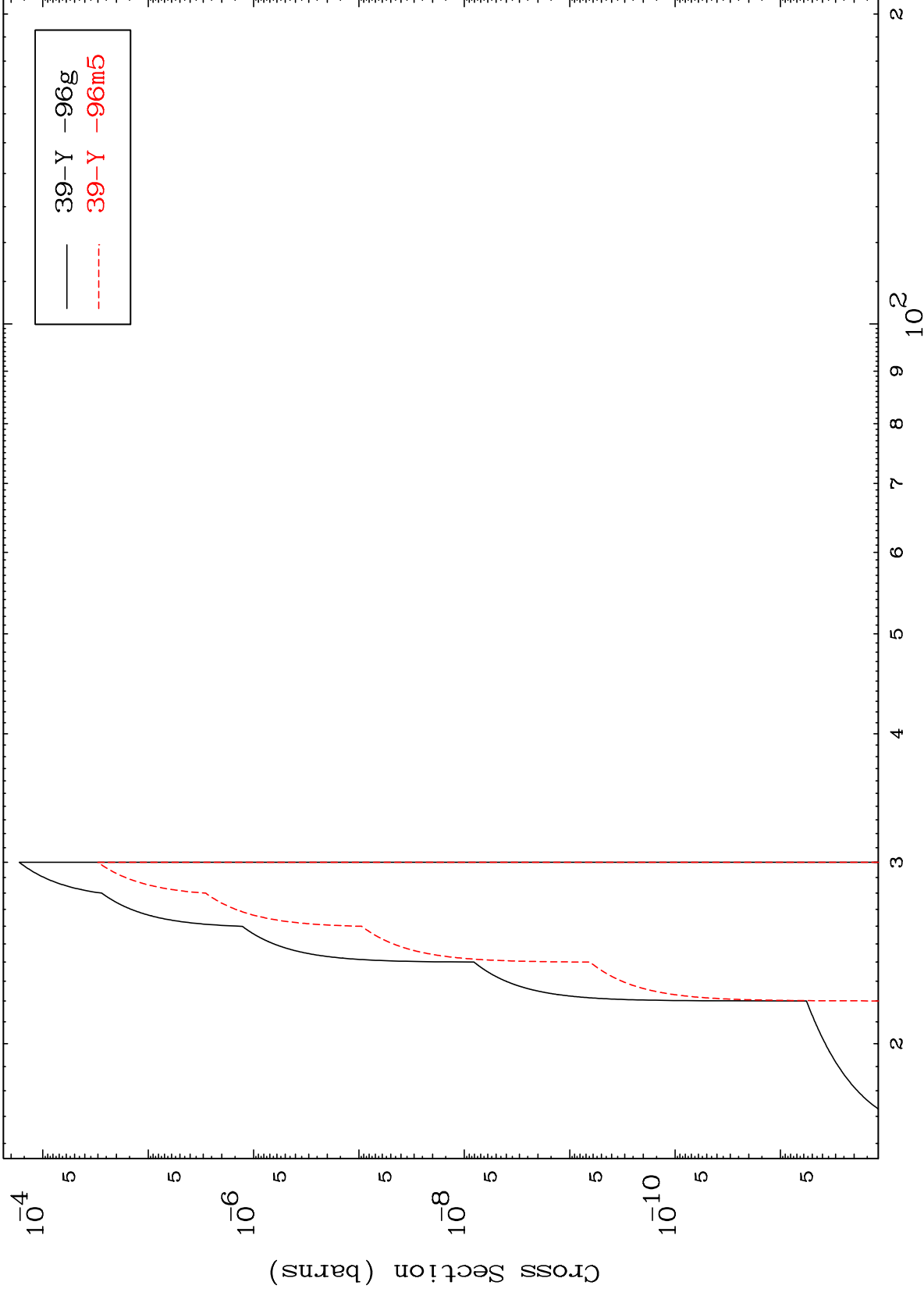
16

MAT 3943

($\alpha, \text{He-3}$)

39-Y -95

Radionuclide Production Cross Section



17

Incident Energy (MeV)

39-Y -95