

Program EVALPLOT
(Version 2021-1)

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

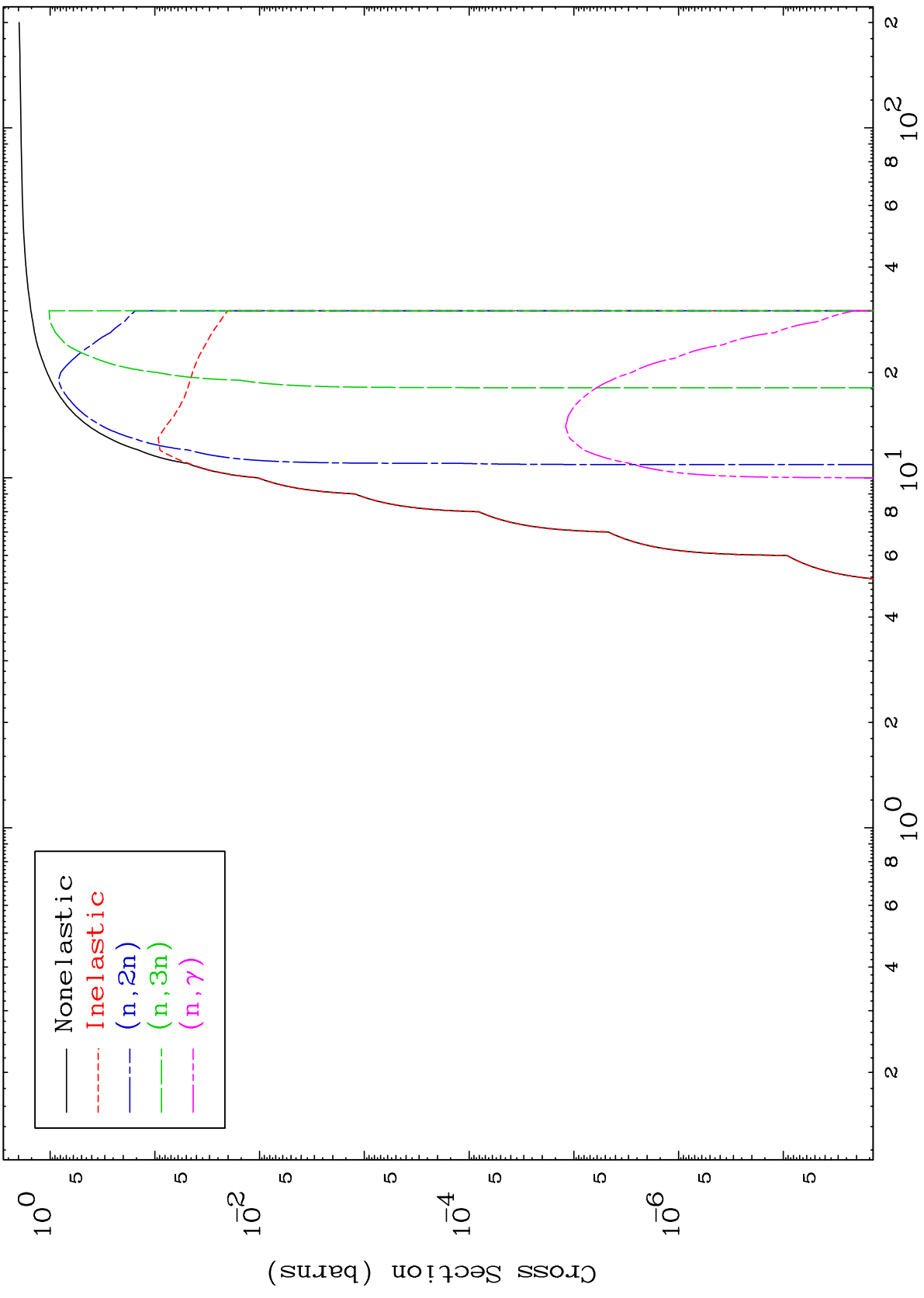
Press Mouse Button to Start

MAT 3940

α Major

39-Y -94

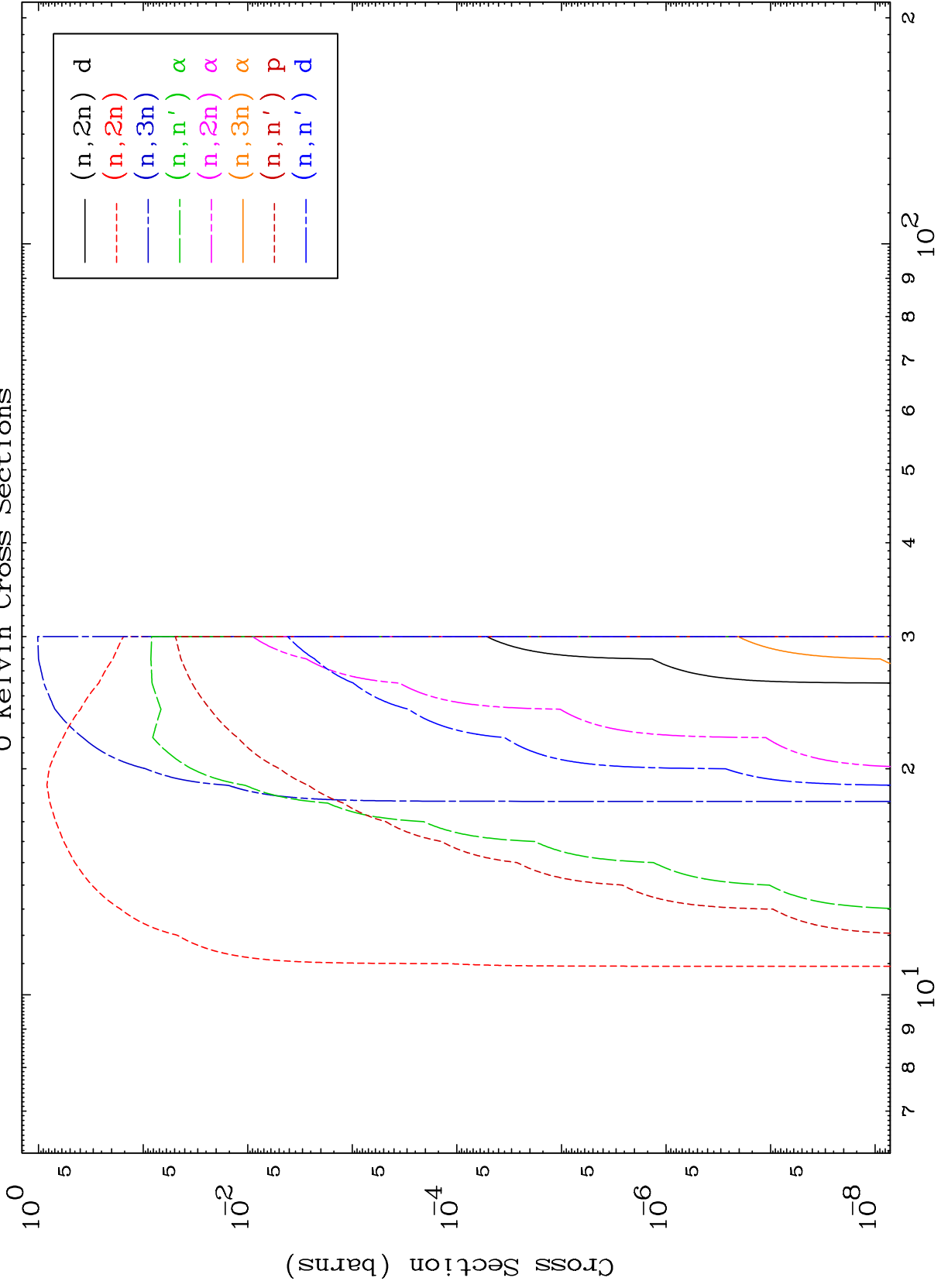
0 Kelvin Cross Sections

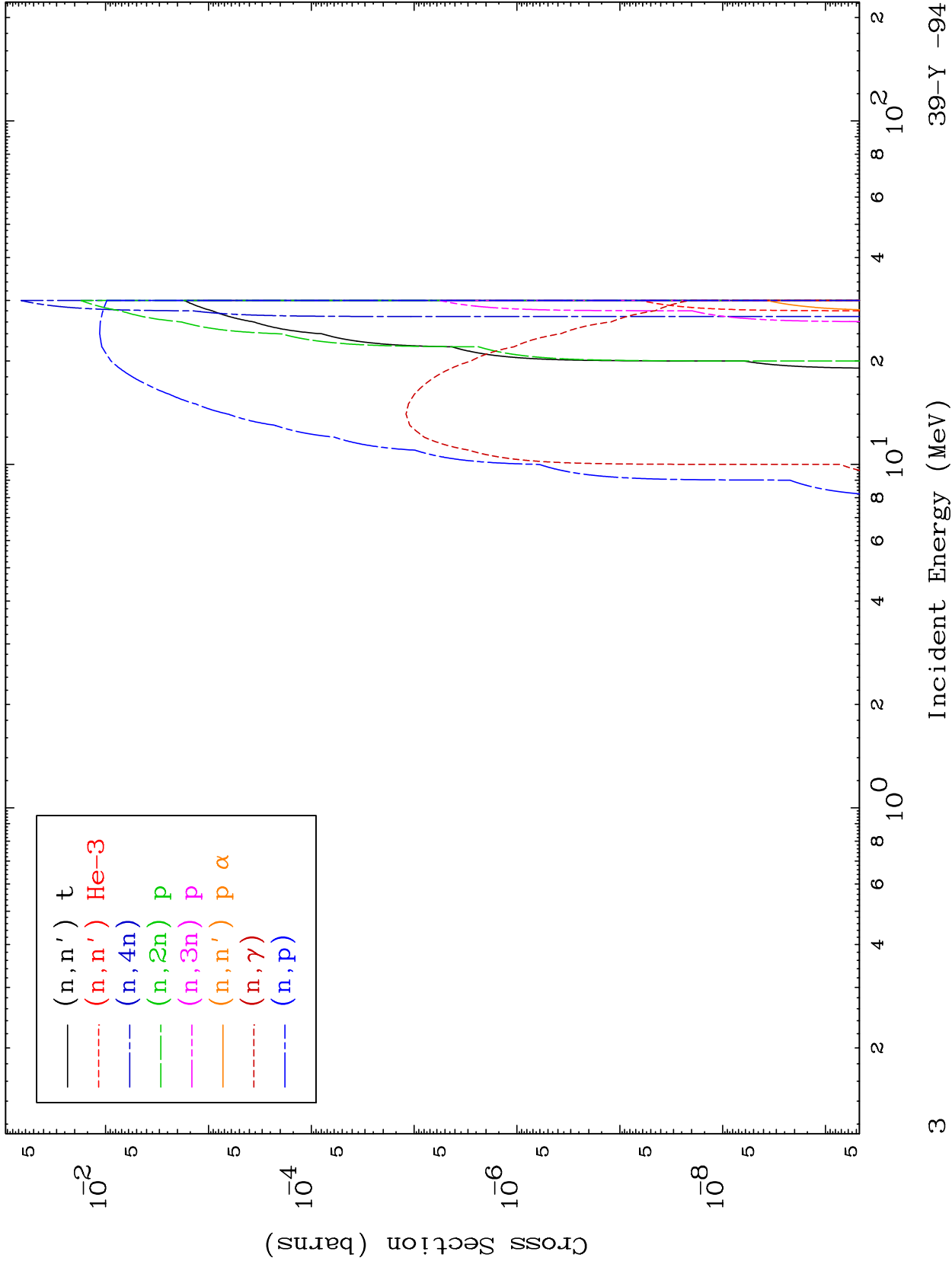


Incident Energy (MeV)

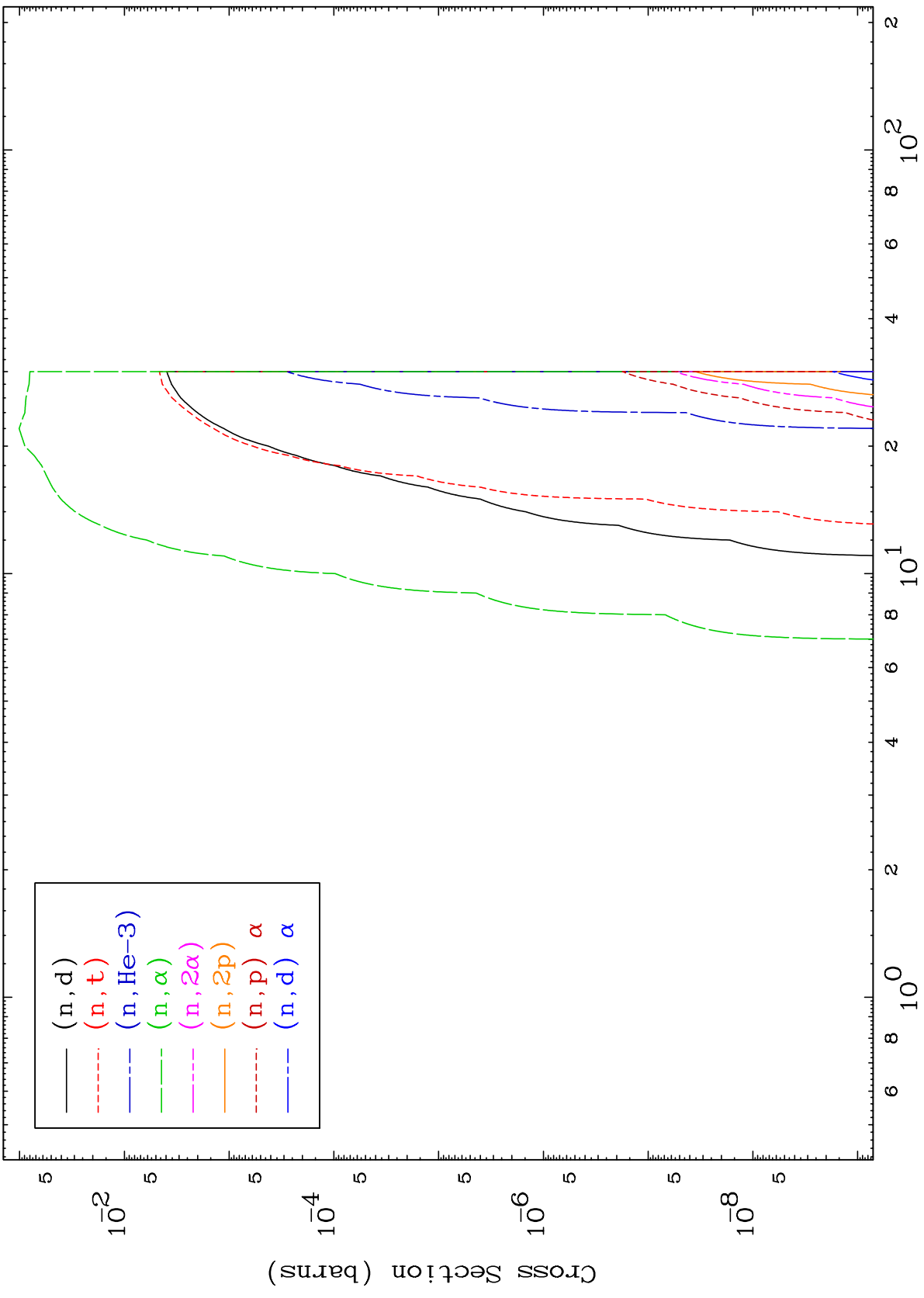
39-Y -94

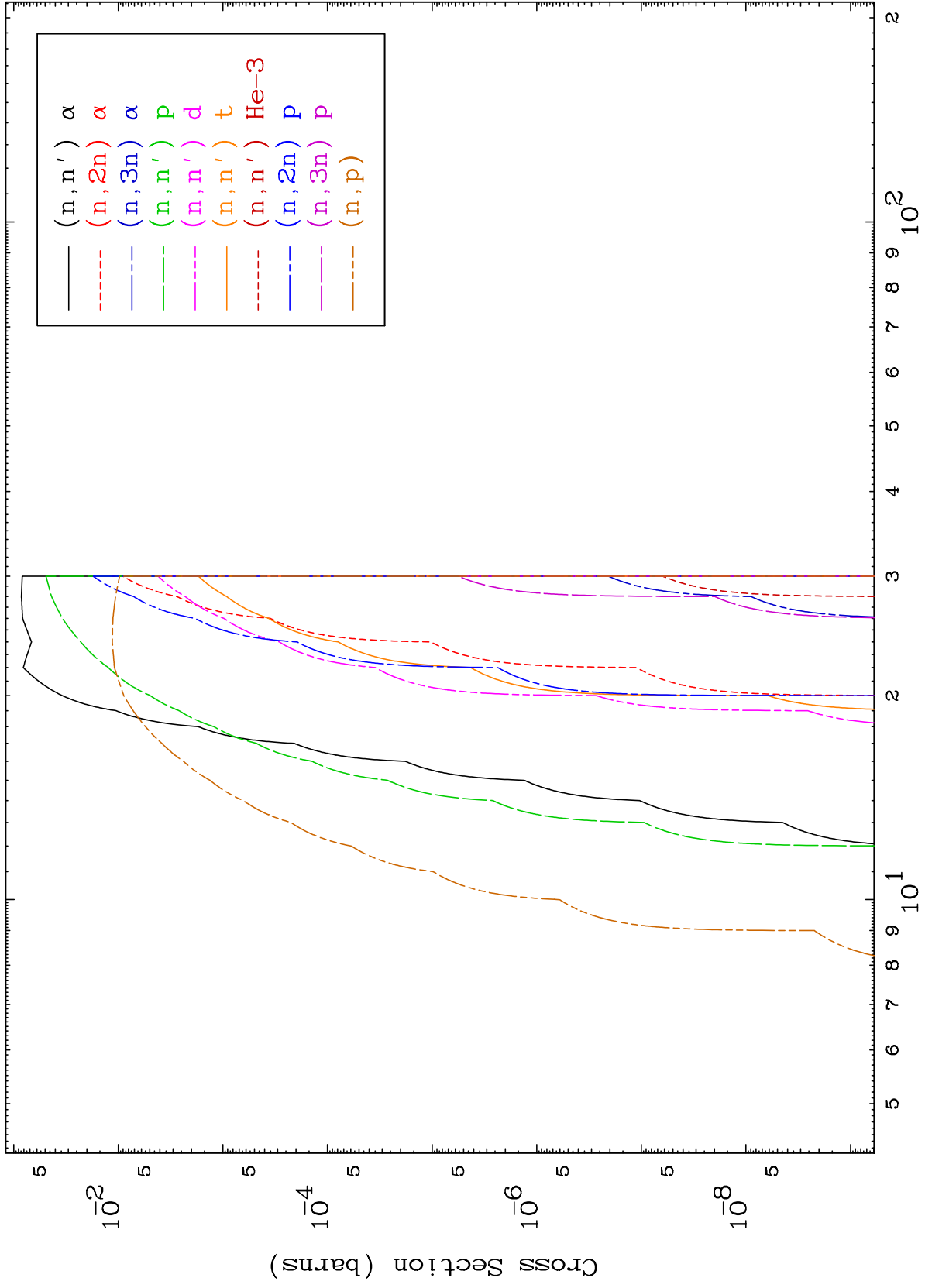
1

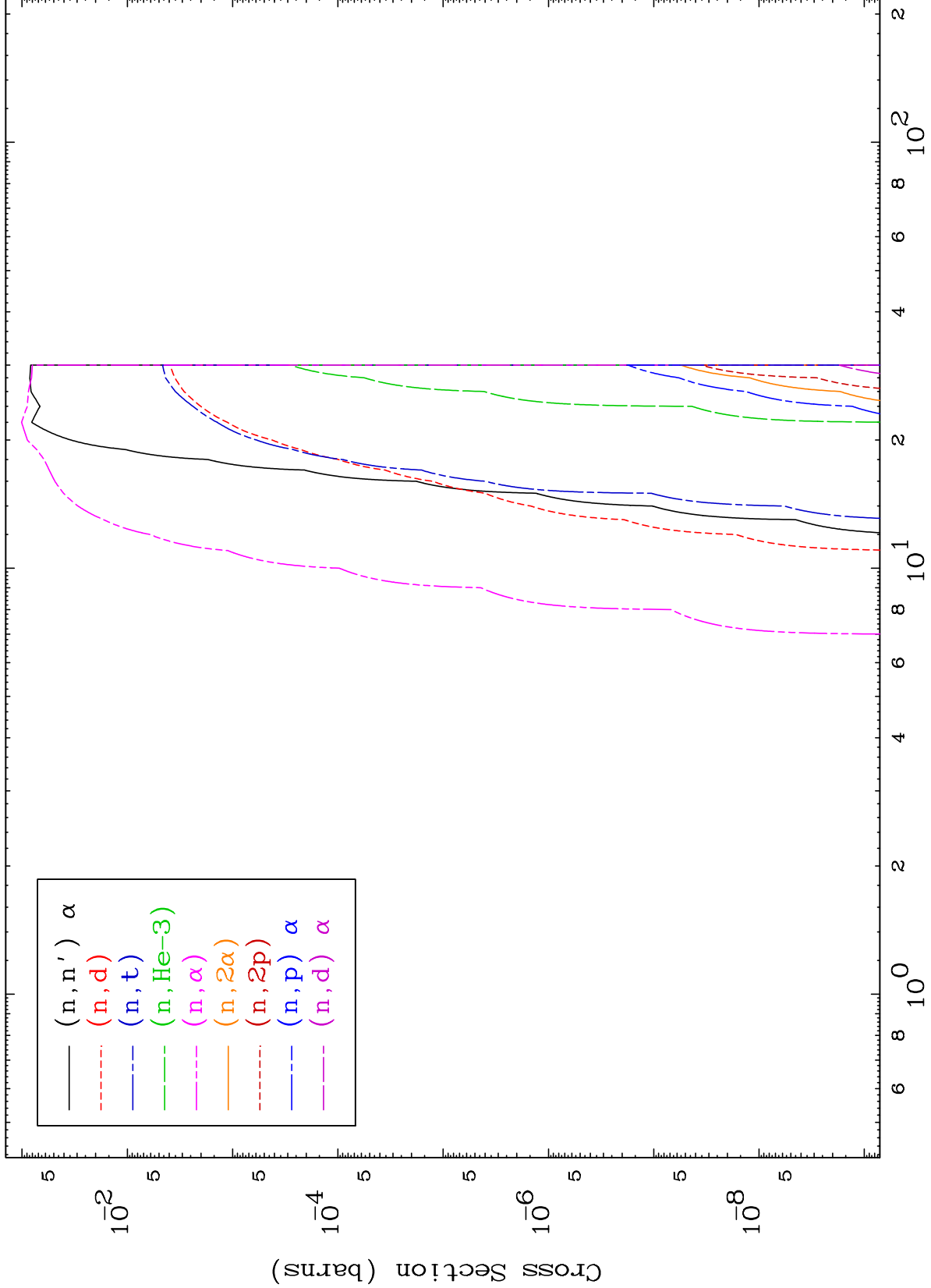




0 Kelvin Cross Sections





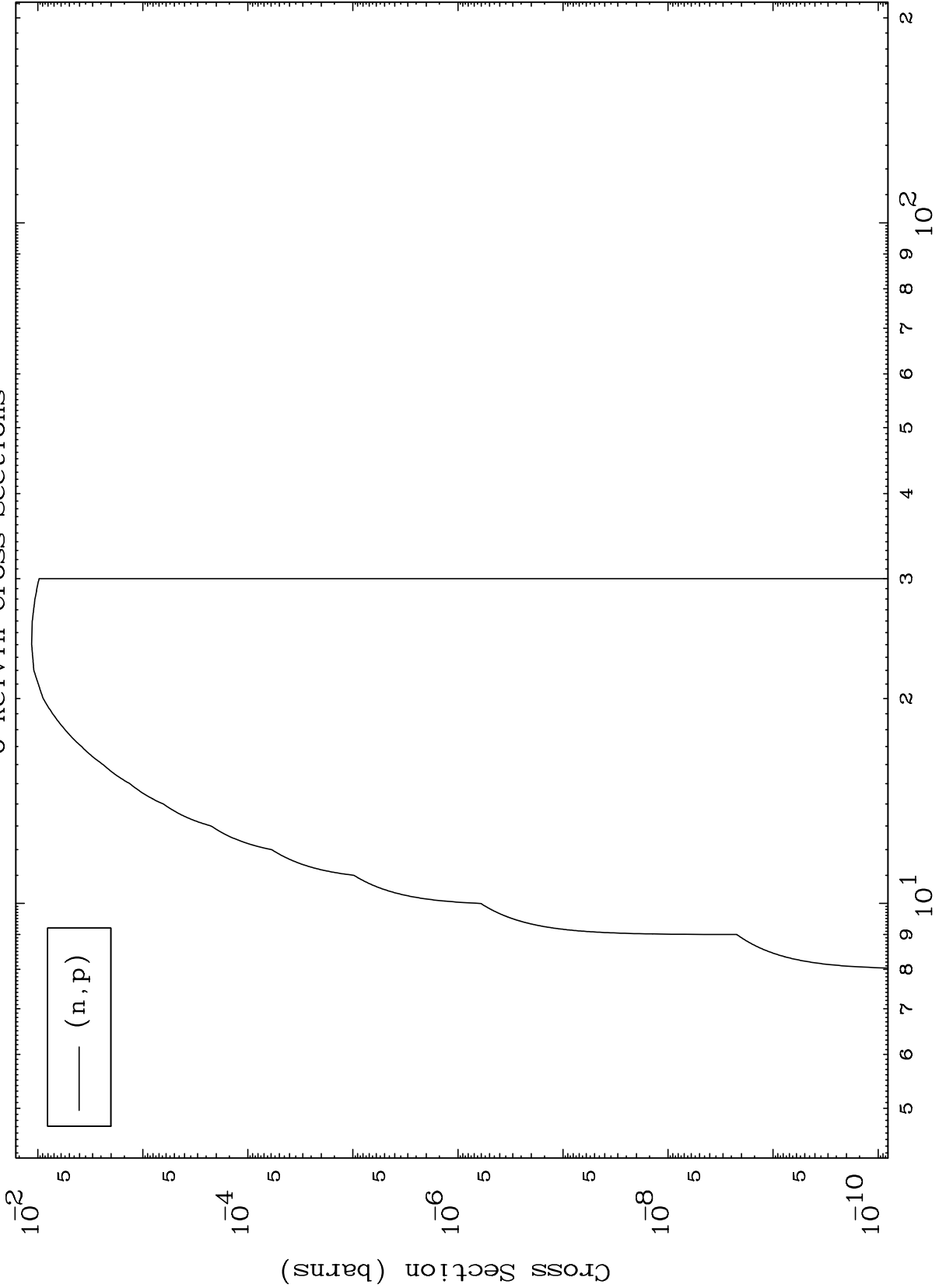


MAT 3940

(α, p) Levels

39-Y -94

0 Kelvin Cross Sections



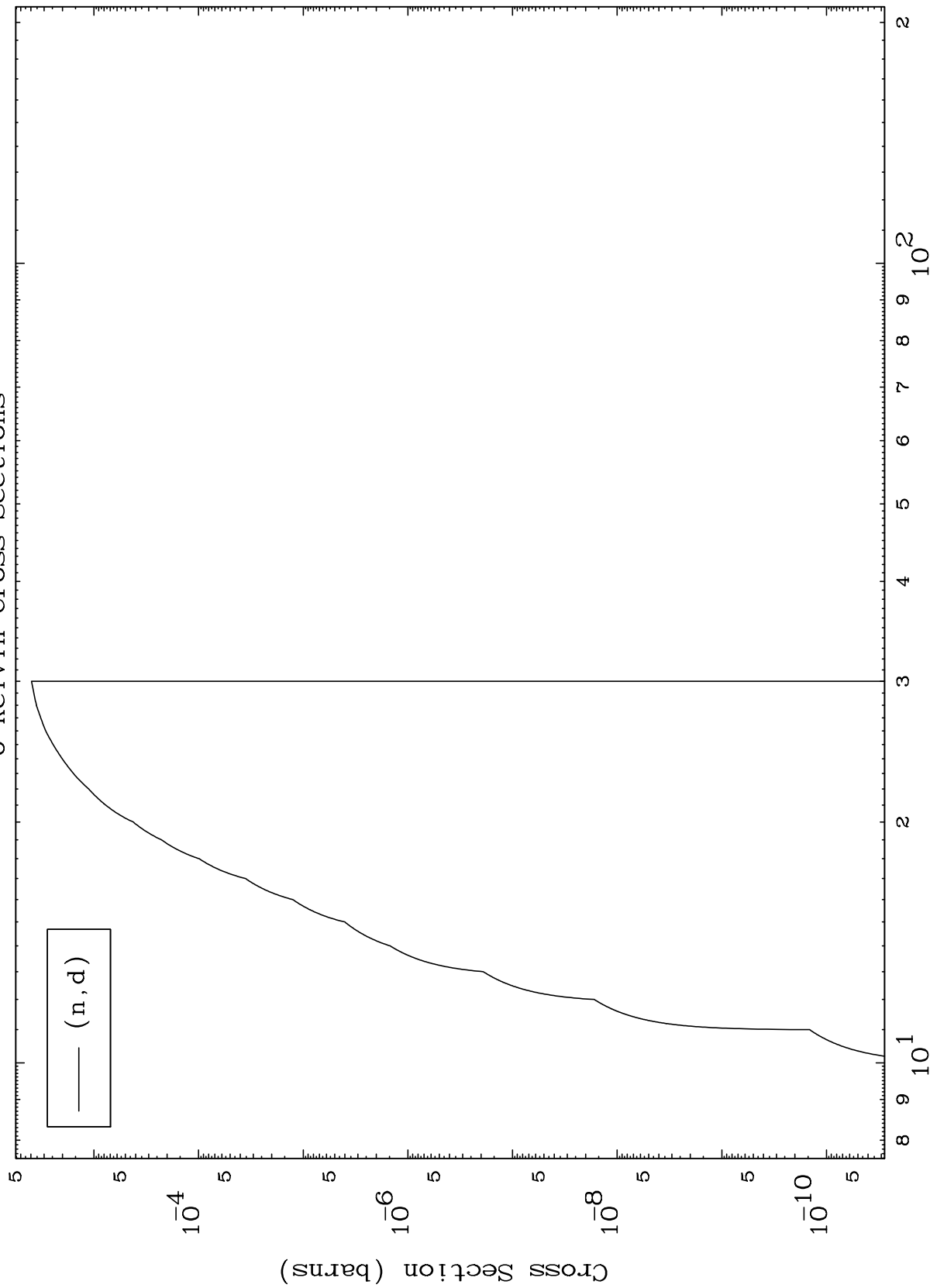
Incident Energy (MeV)

39-Y -94

MAT 3940

(α, d) Levels
0 Kelvin Cross Sections

39-Y -94



8

Incident Energy (MeV)

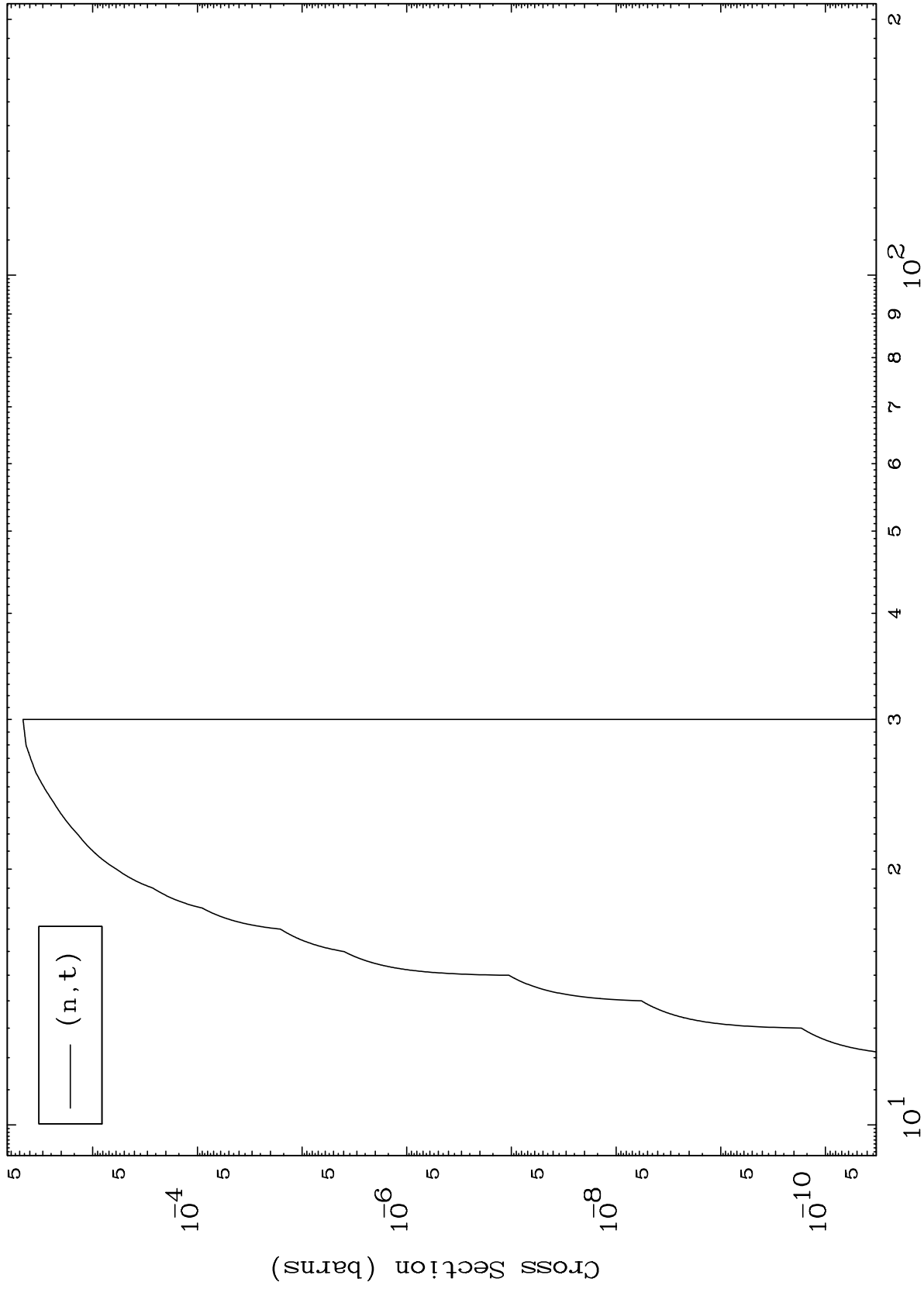
39-Y -94

MAT 3940

(α, t) Levels

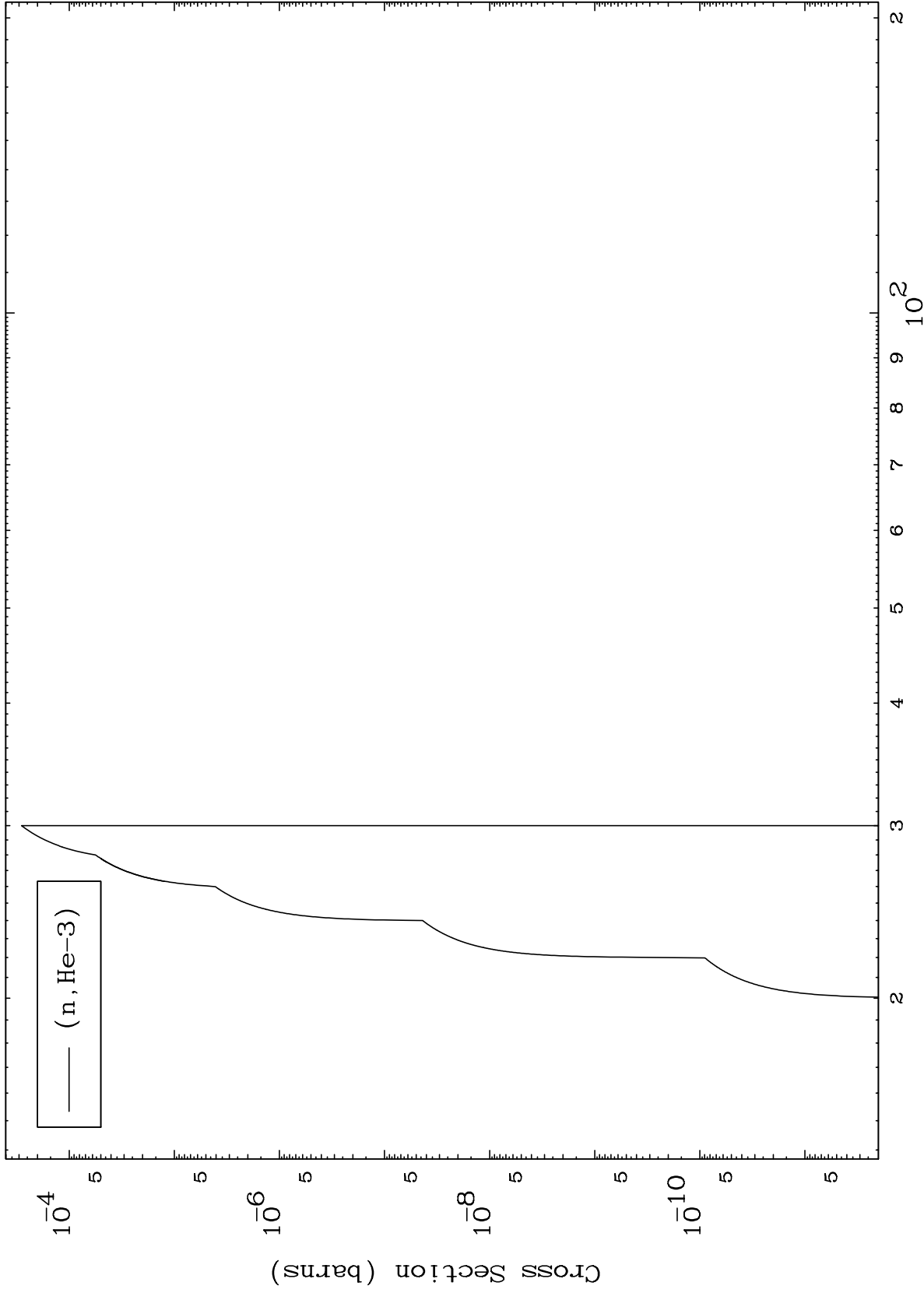
39-Y -94

0 Kelvin Cross Sections



Incident Energy (MeV)

39-Y -94

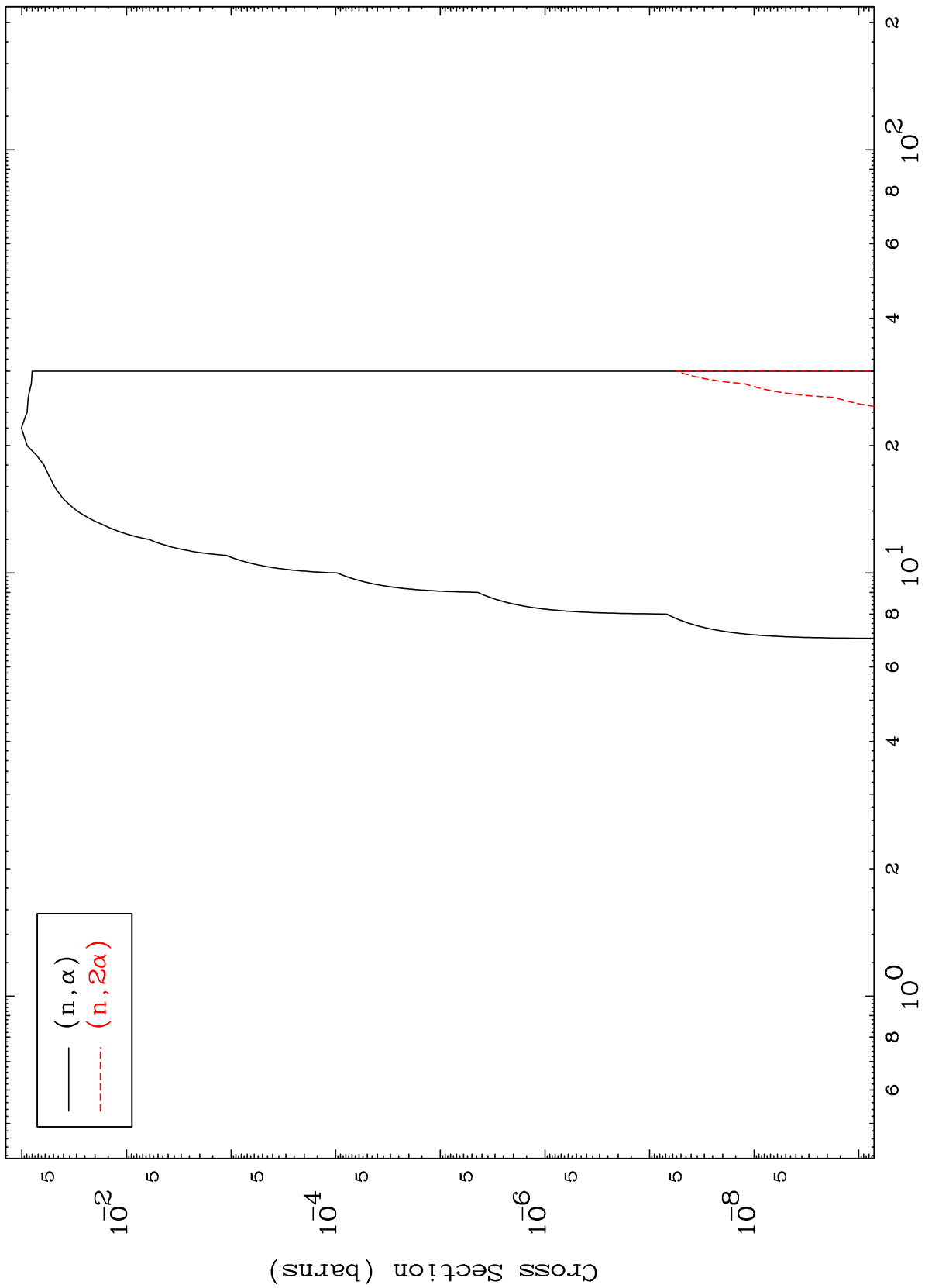


MAT 3940

(α, α) Levels

39-Y -94

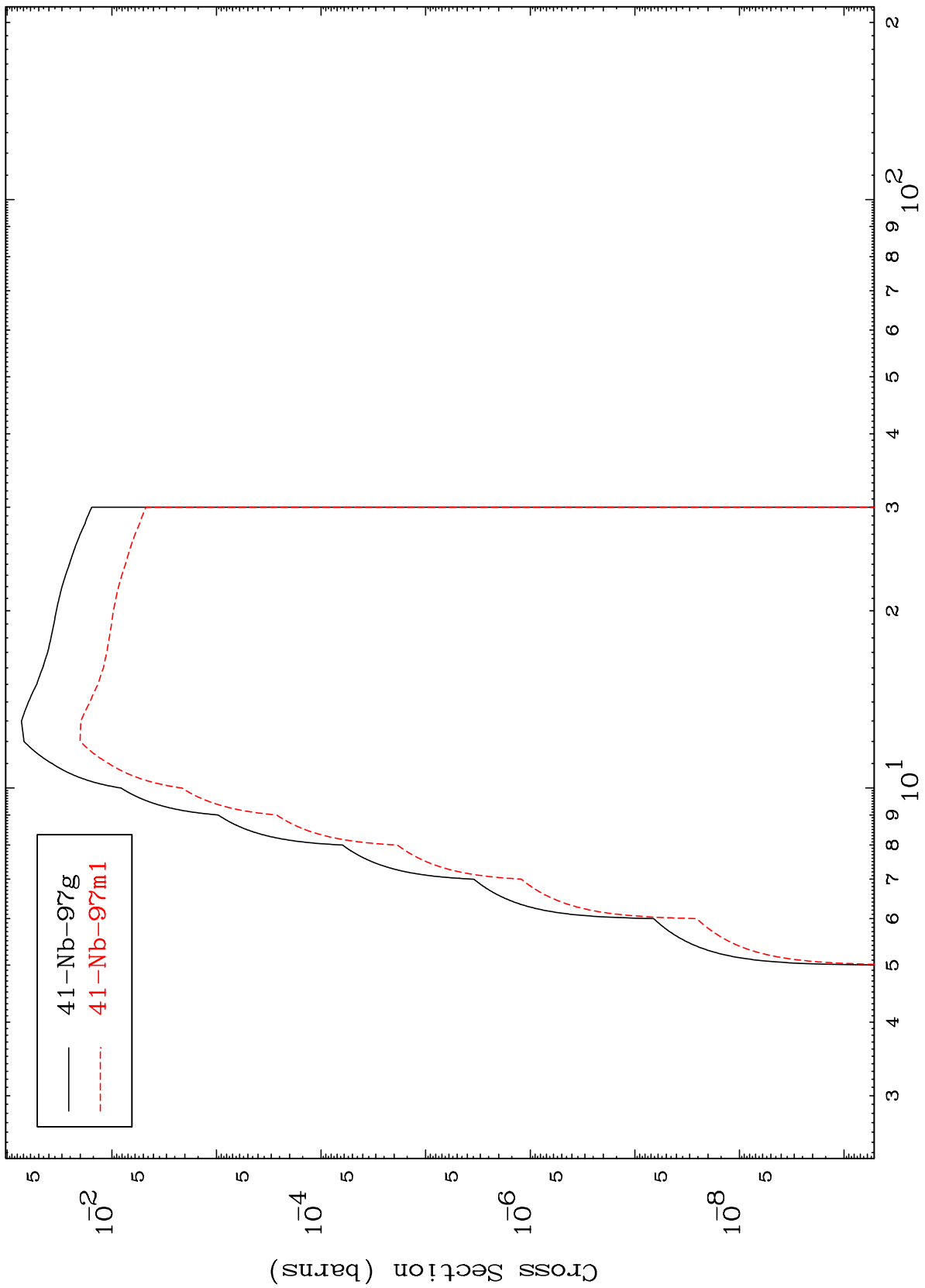
0 Kelvin Cross Sections



MAT 3940

39-Y -94

Radionuclide Production Cross Section



12

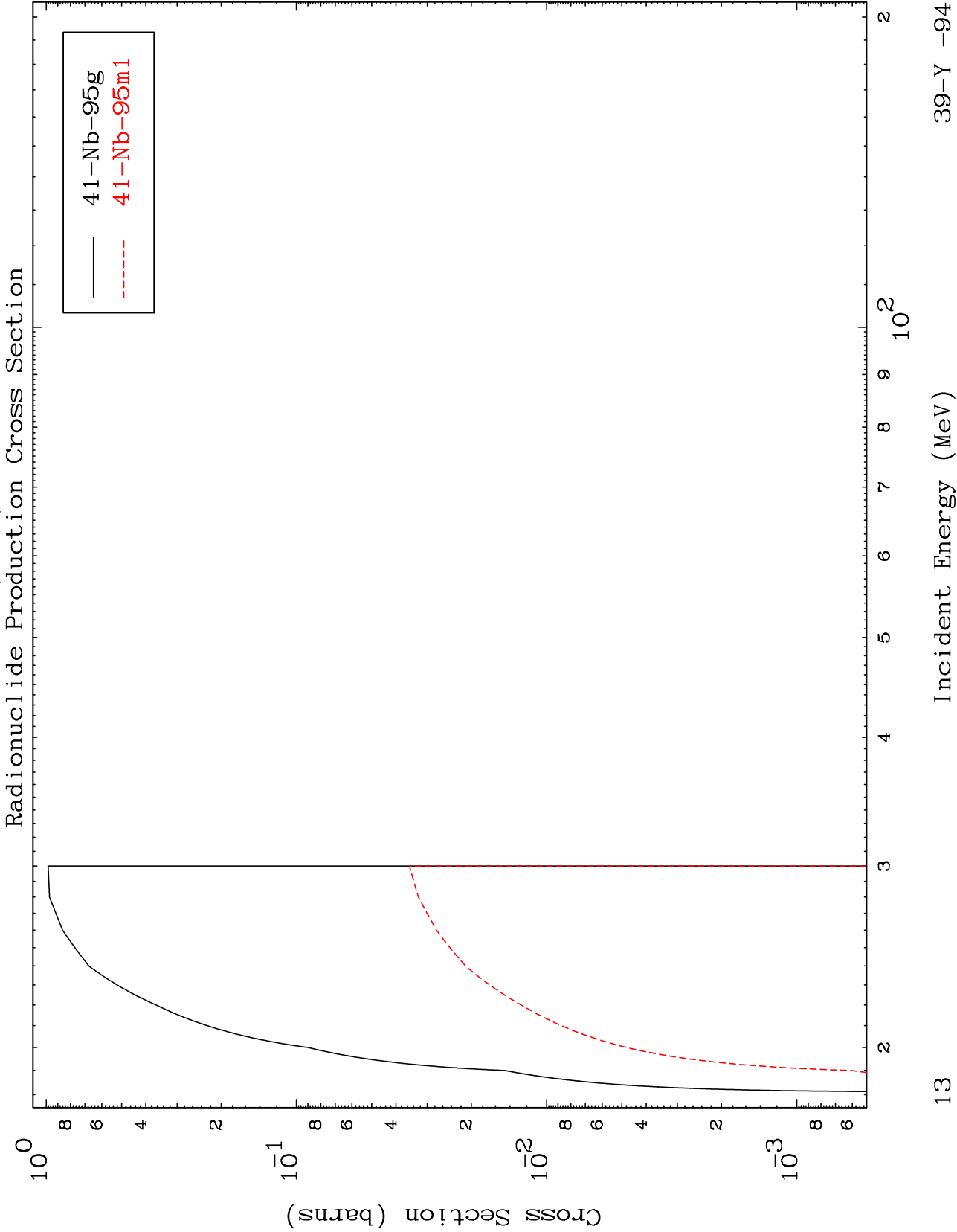
Incident Energy (MeV)

39-Y -94

MAT 3940

(n,3n)

39-Y -94



13

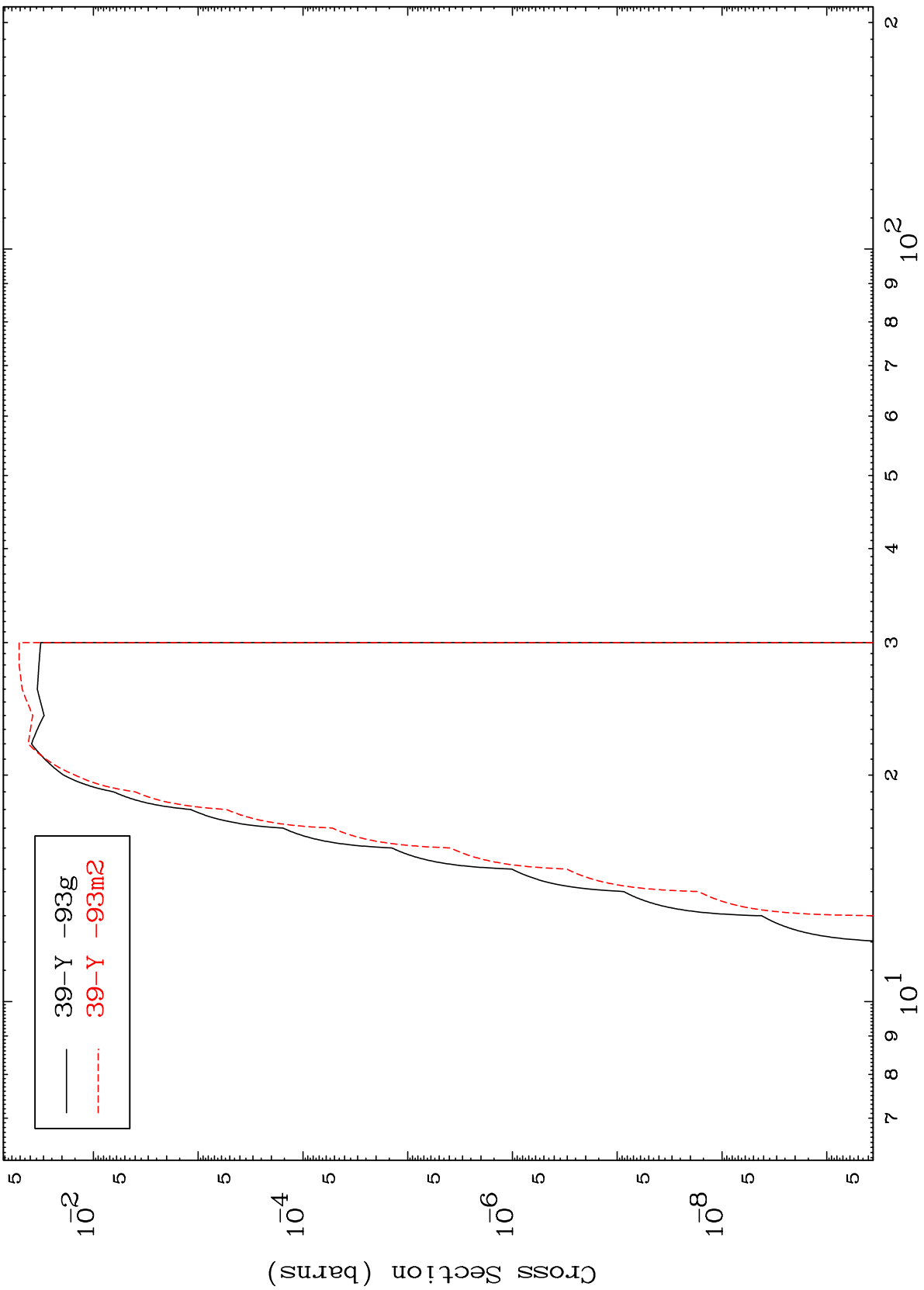
39-Y -94

MAT 3940

$(n, n') \alpha$

39-Y -94

Radionuclide Production Cross Section



39-Y -93g
39-Y -93m2

14

Incident Energy (MeV)

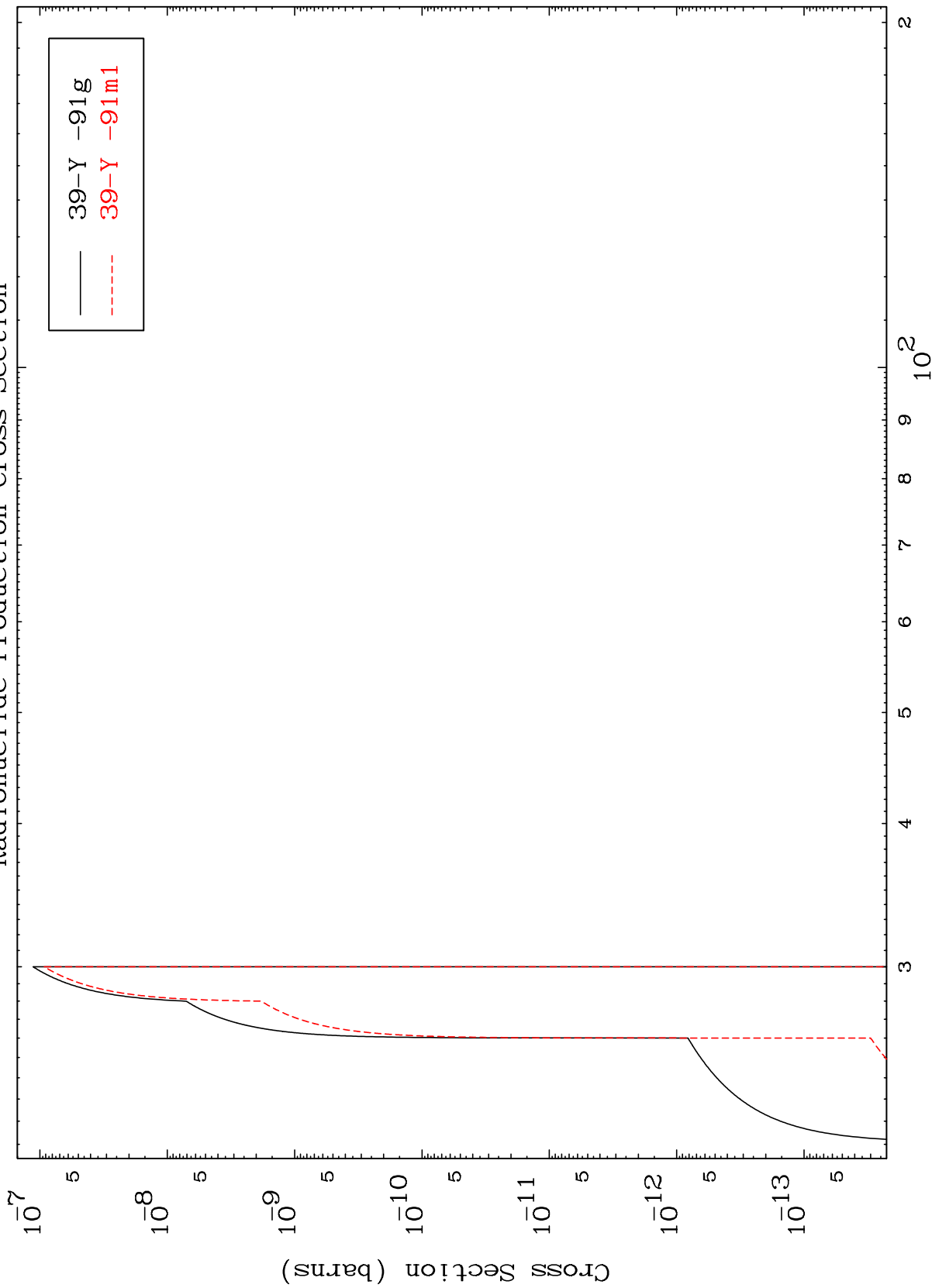
39-Y -94

MAT 3940

(n,3n) α

39-Y -94

Radionuclide Production Cross Section



39-Y -91g
39-Y -91m1

15

Incident Energy (MeV)

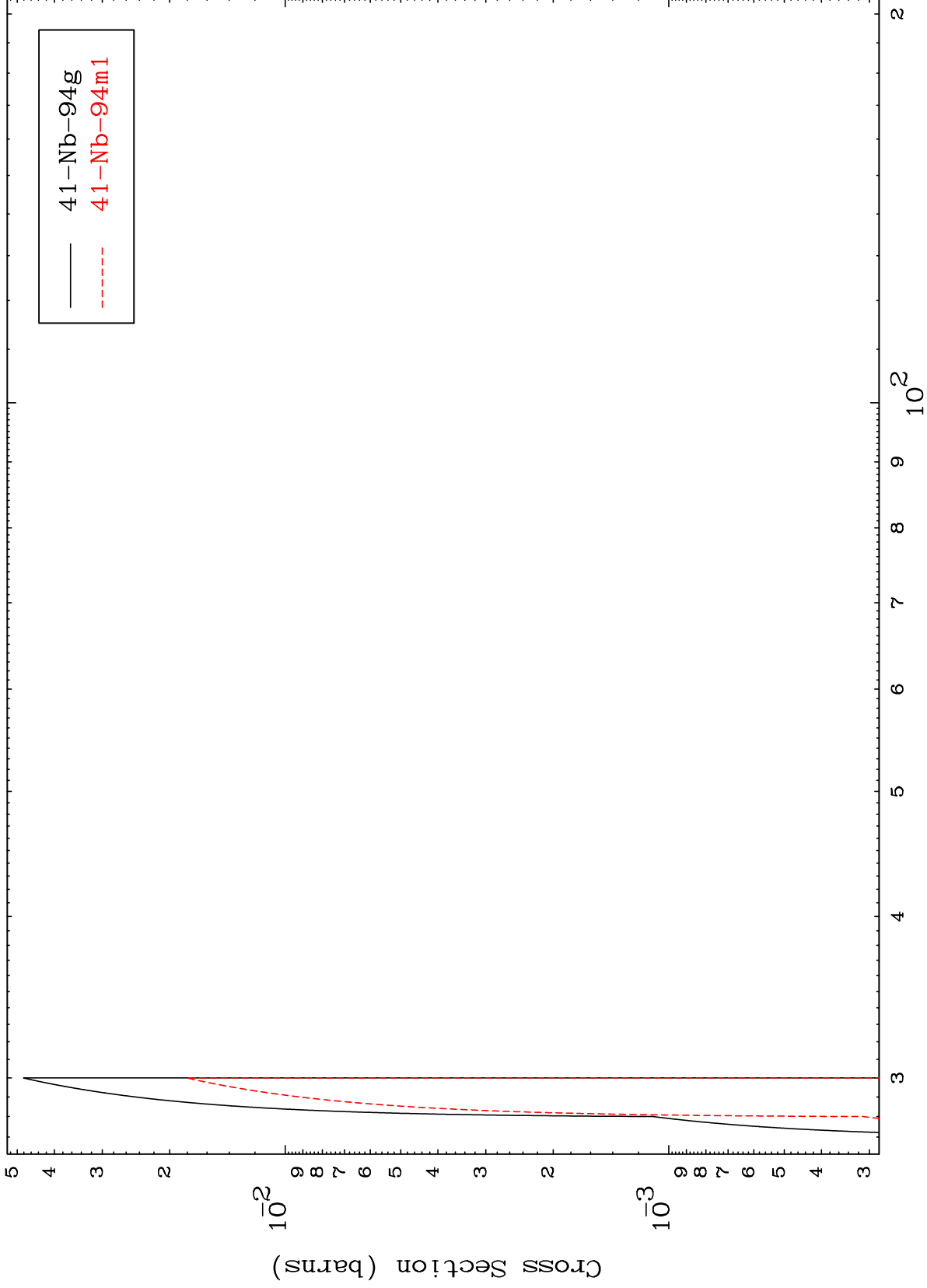
39-Y -94

MAT 3940

(n,4n)

39-Y -94

Radionuclide Production Cross Section



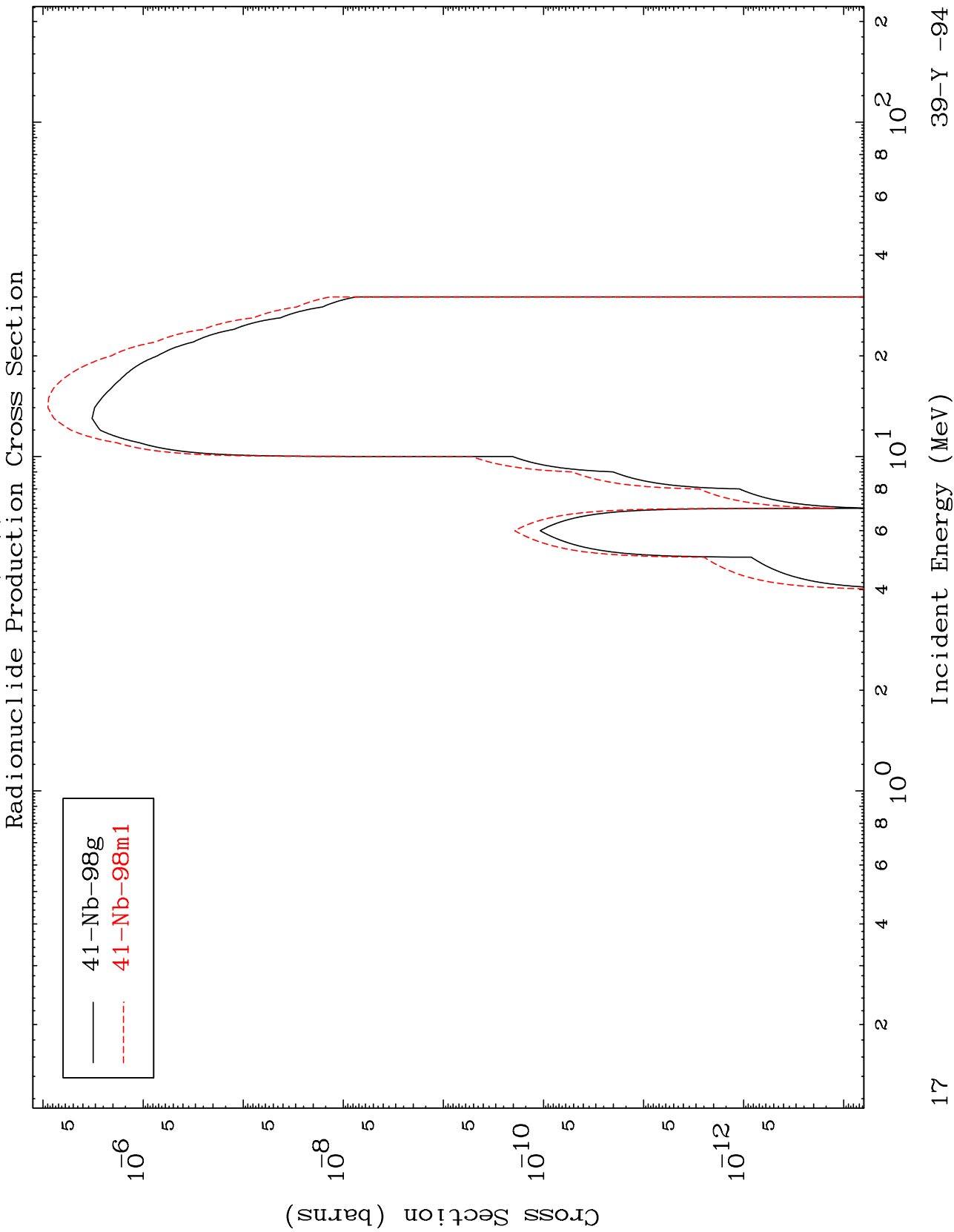
16

Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94



39-Y -94

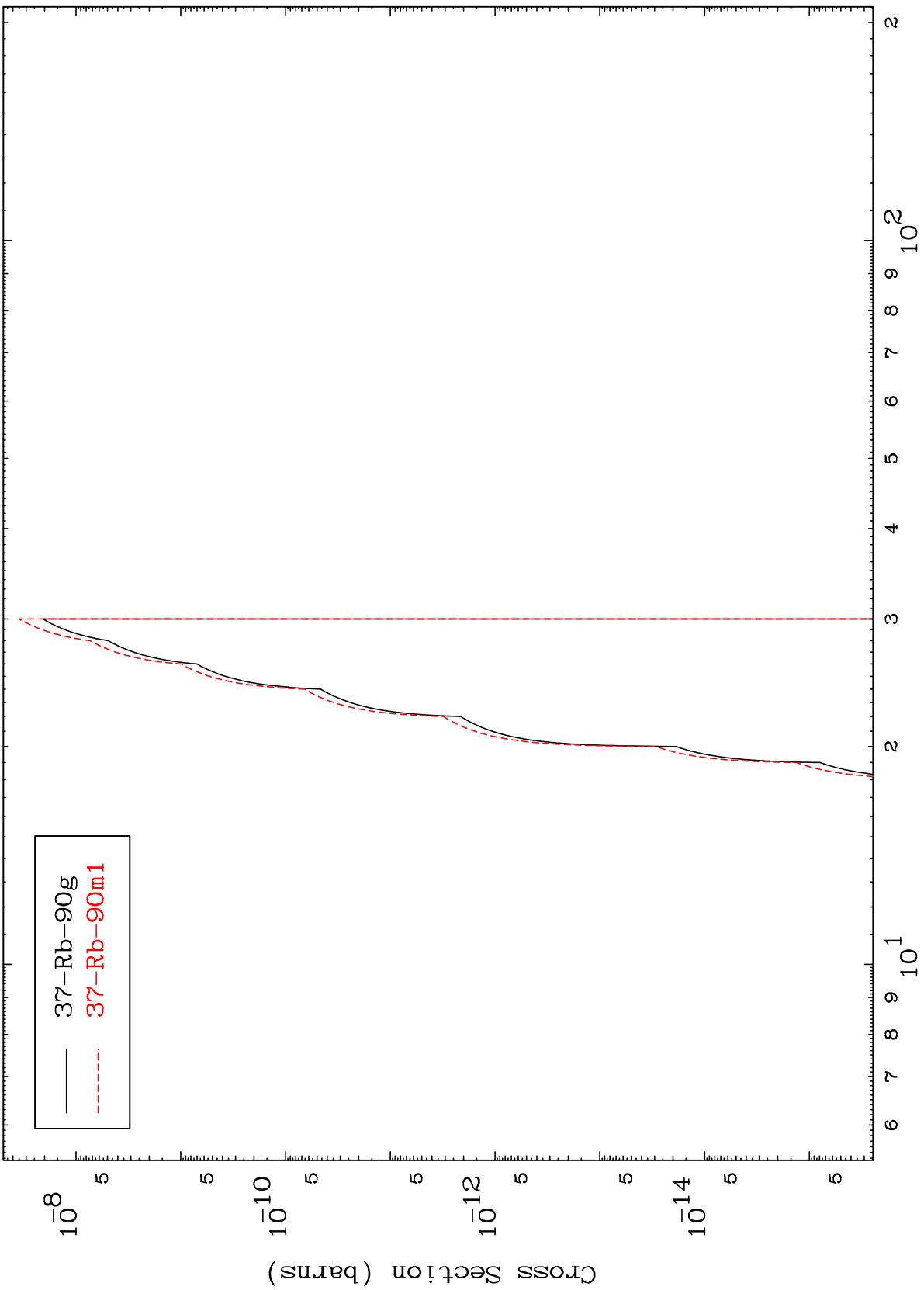
Incident Energy (MeV)

17

MAT 3940

39-Y -94

Radionuclide Production Cross Section (n,2α)



18

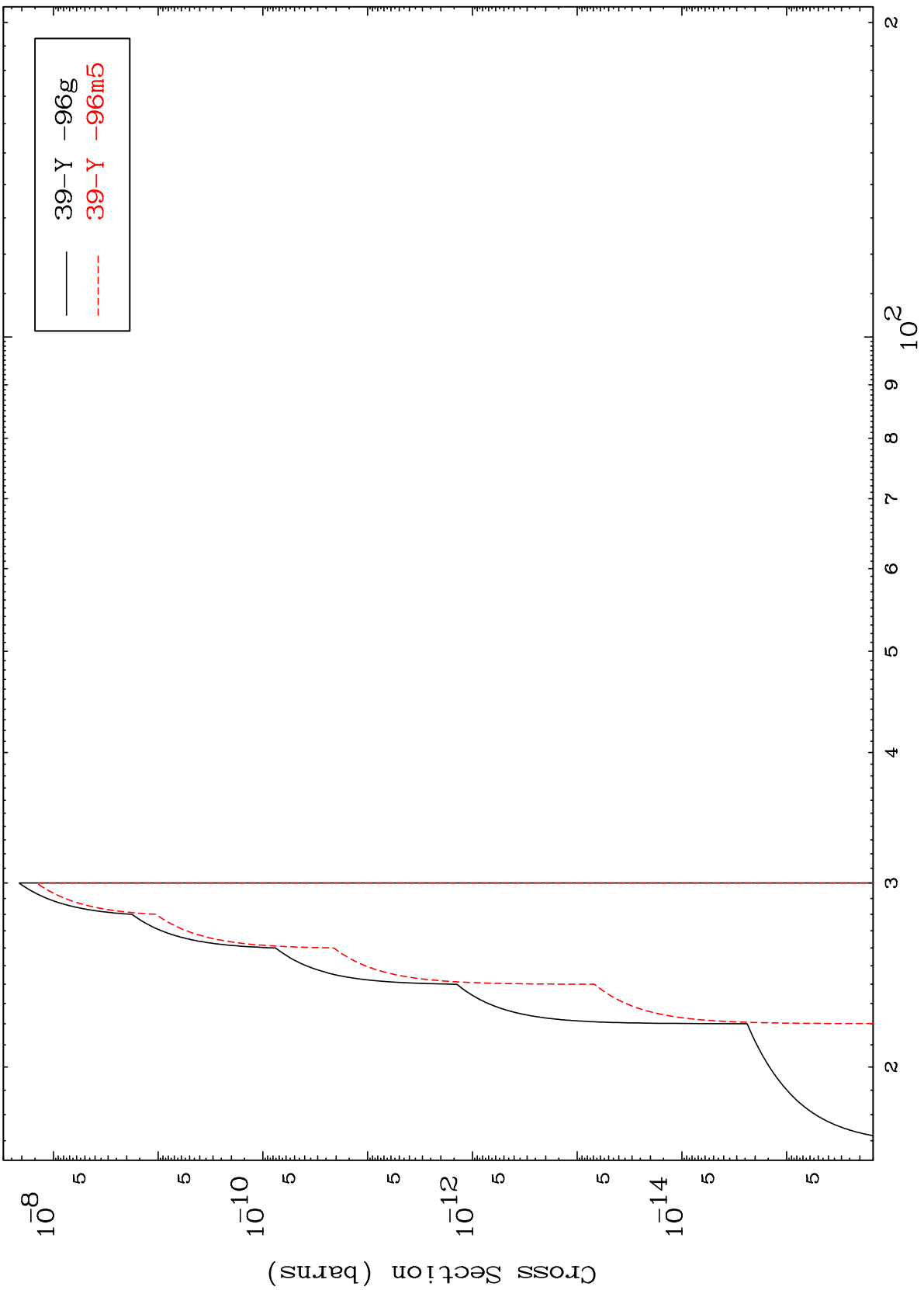
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

(n,2p)
Radionuclide Production Cross Section



19

39-Y -94

Incident Energy (MeV)