

Program EVALPLOT
(Version 2018-1)

by

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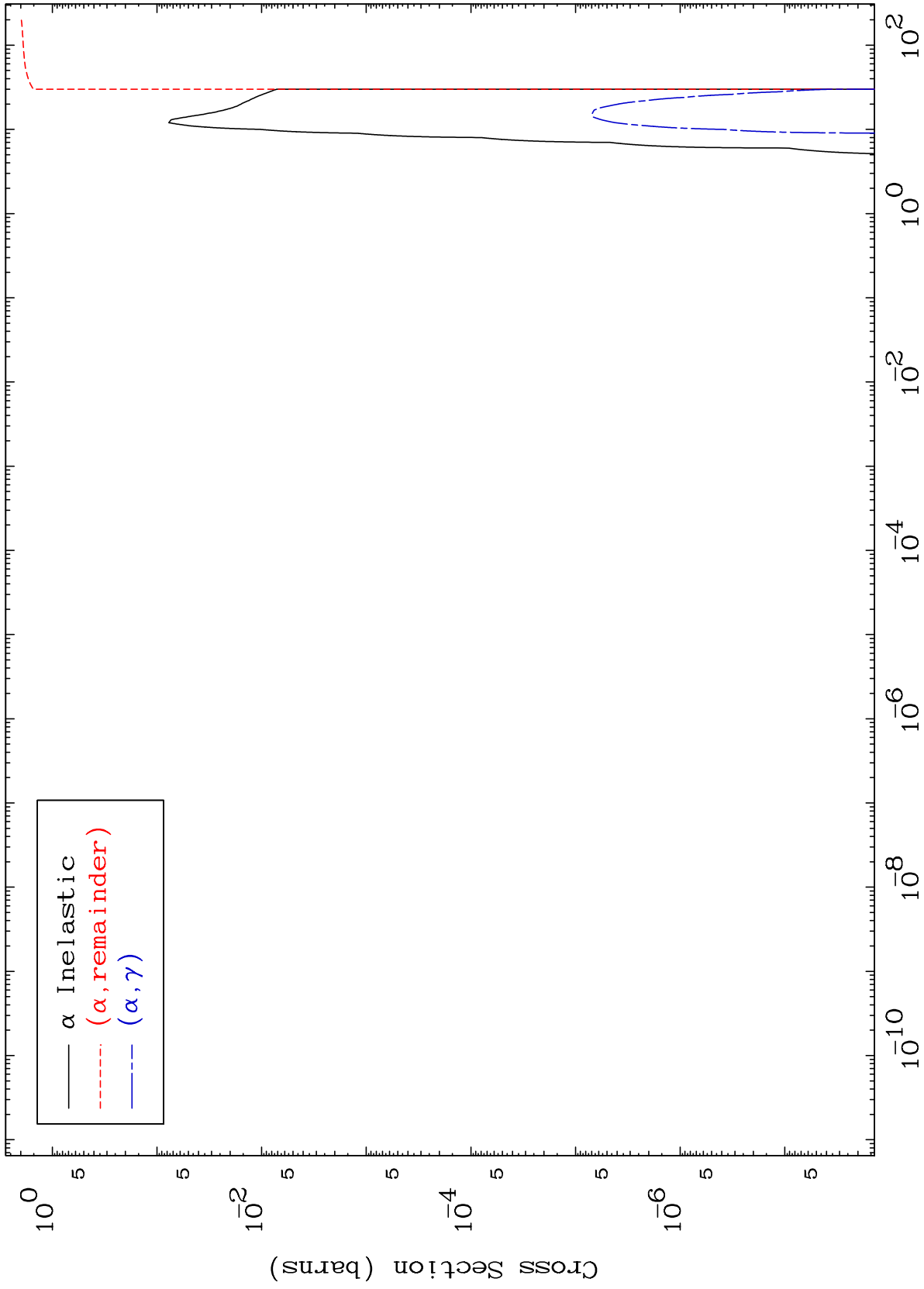
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3940

0 Kelvin α Major
Cross Sections

39-Y -94



1

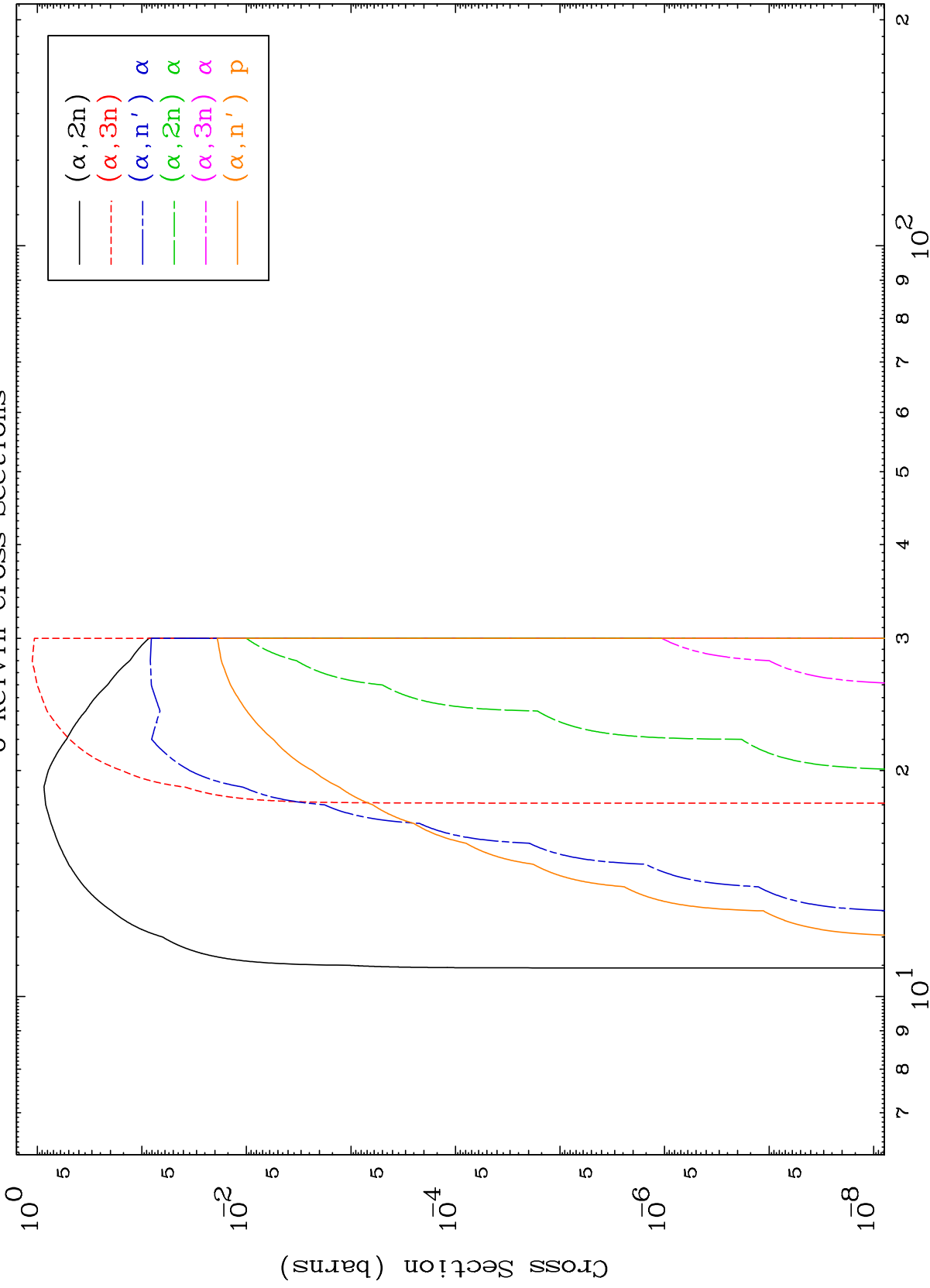
Incident Energy (MeV)

39-Y -94

MAT 3940

α Neutron Production
0 Kelvin Cross Sections

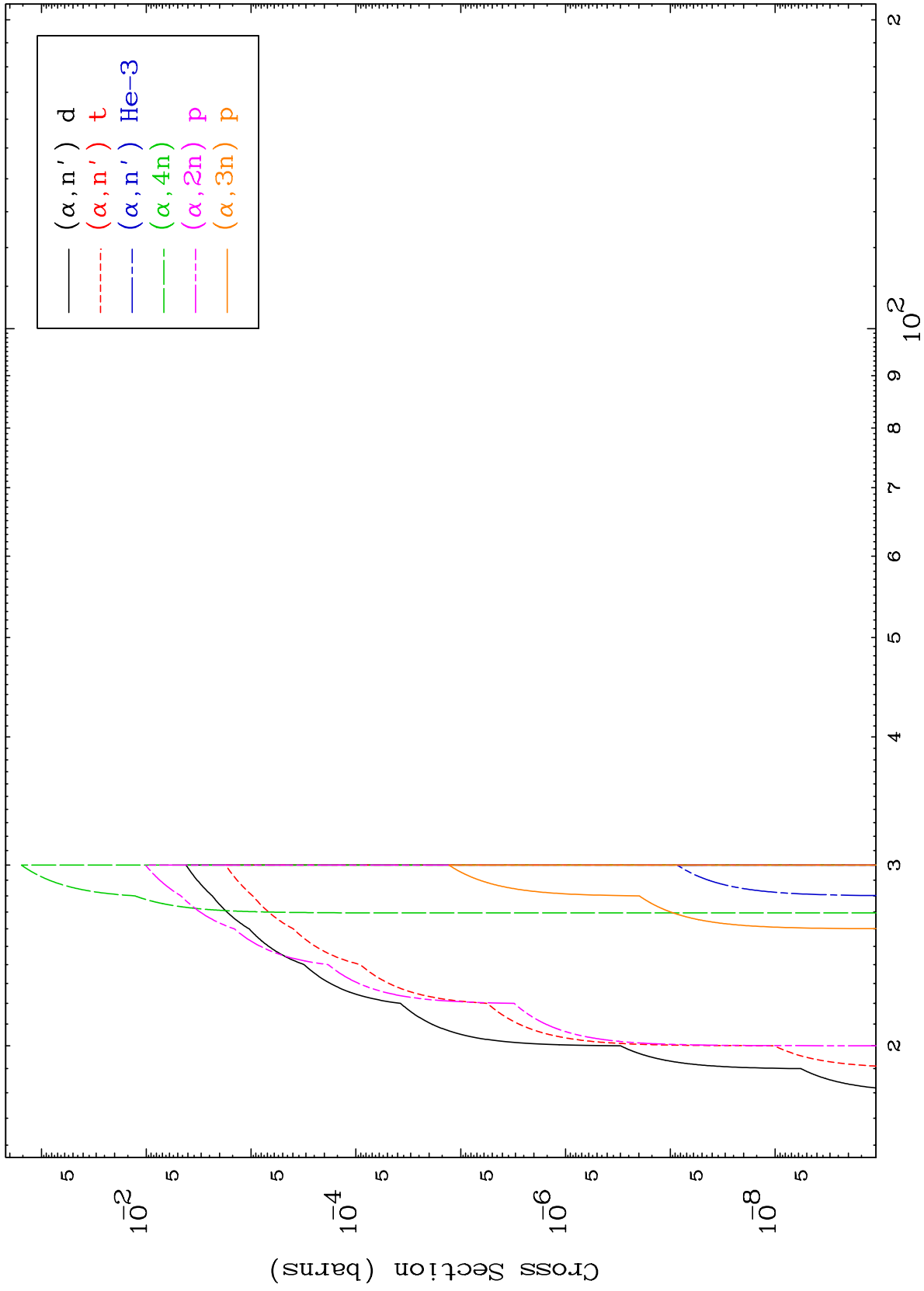
39-Y -94



2

Incident Energy (MeV)

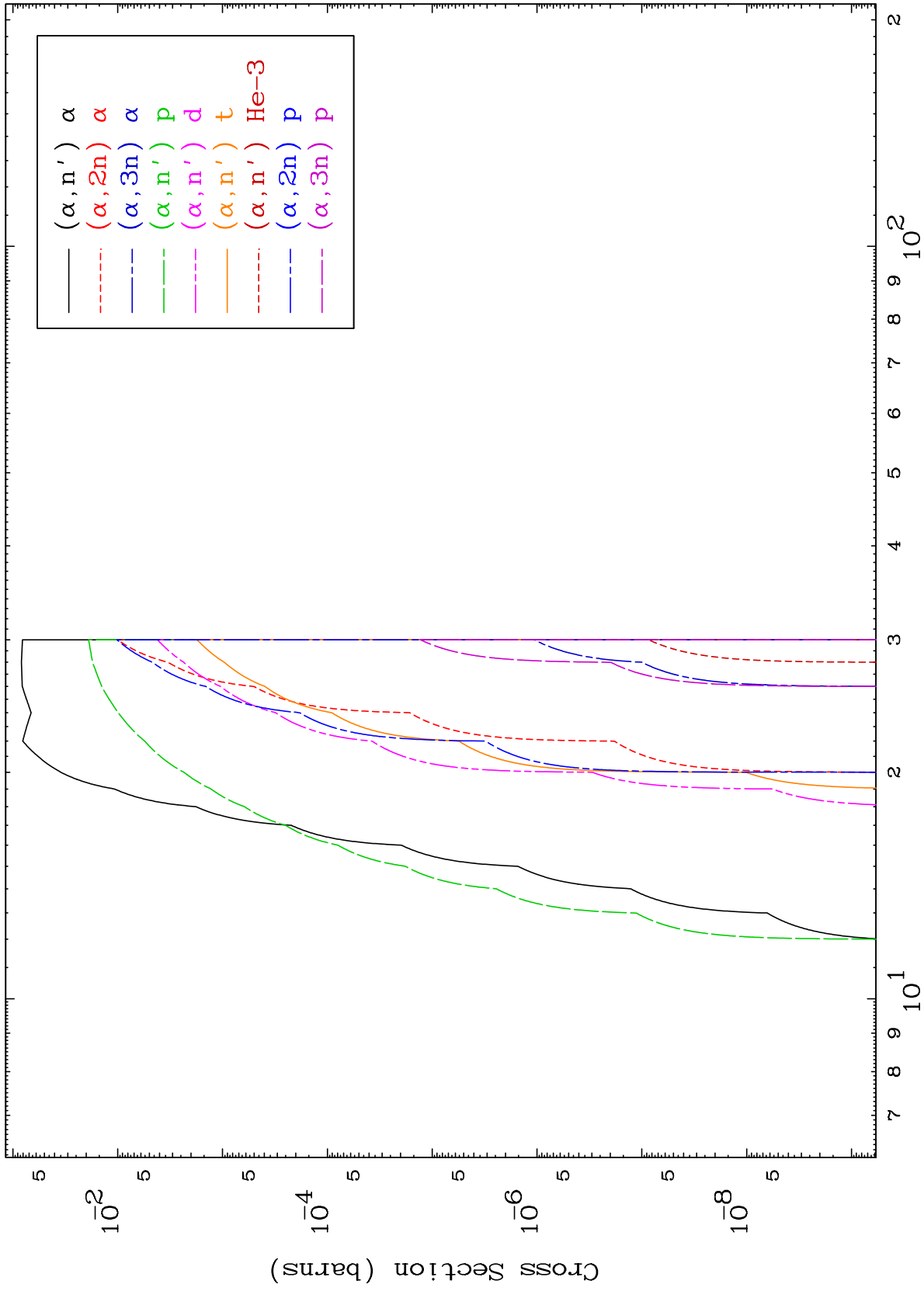
39-Y -94



MAT 3940

α Charged Particle
0 Kelvin Cross Sections

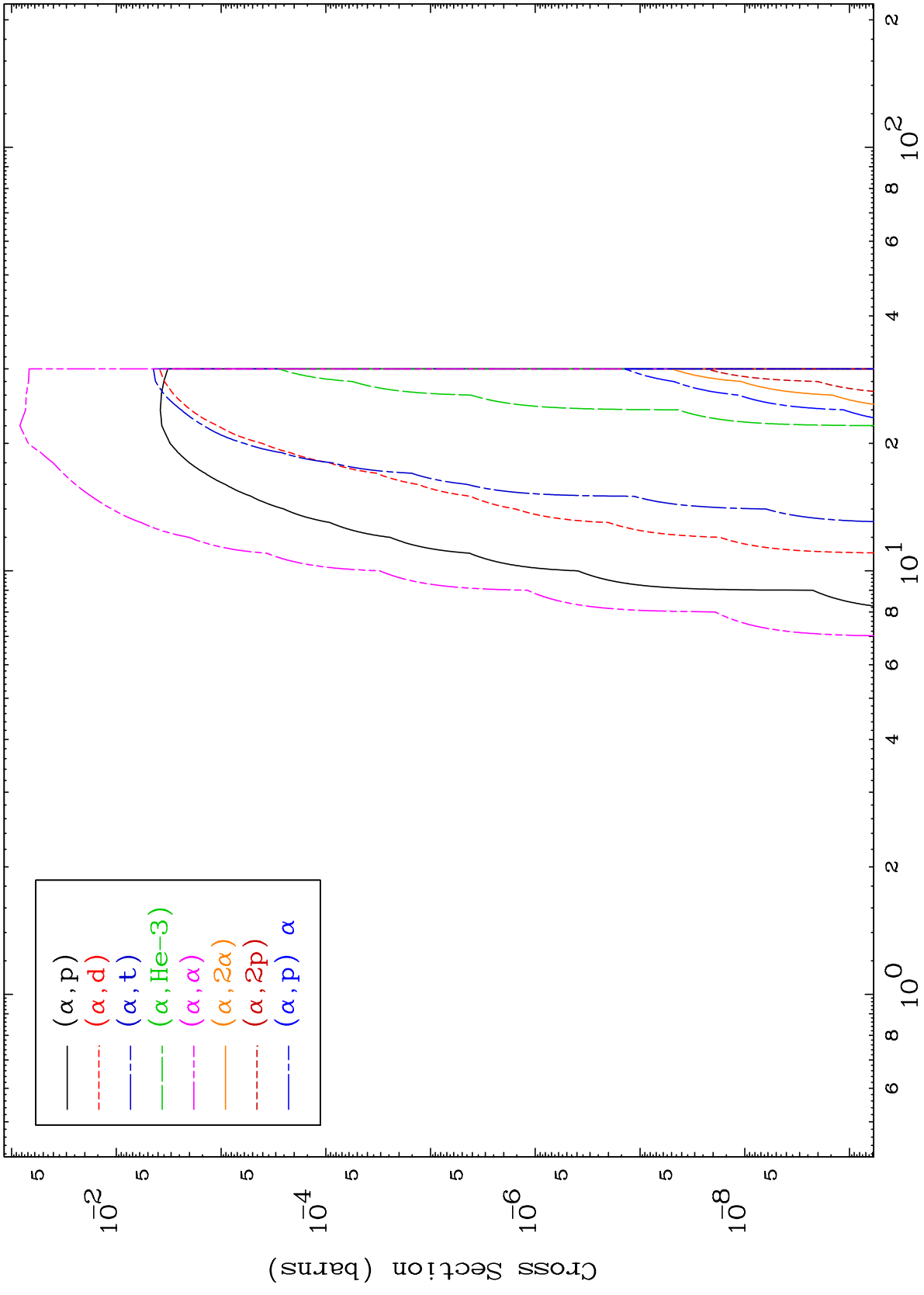
39-Y -94



4

Incident Energy (MeV)

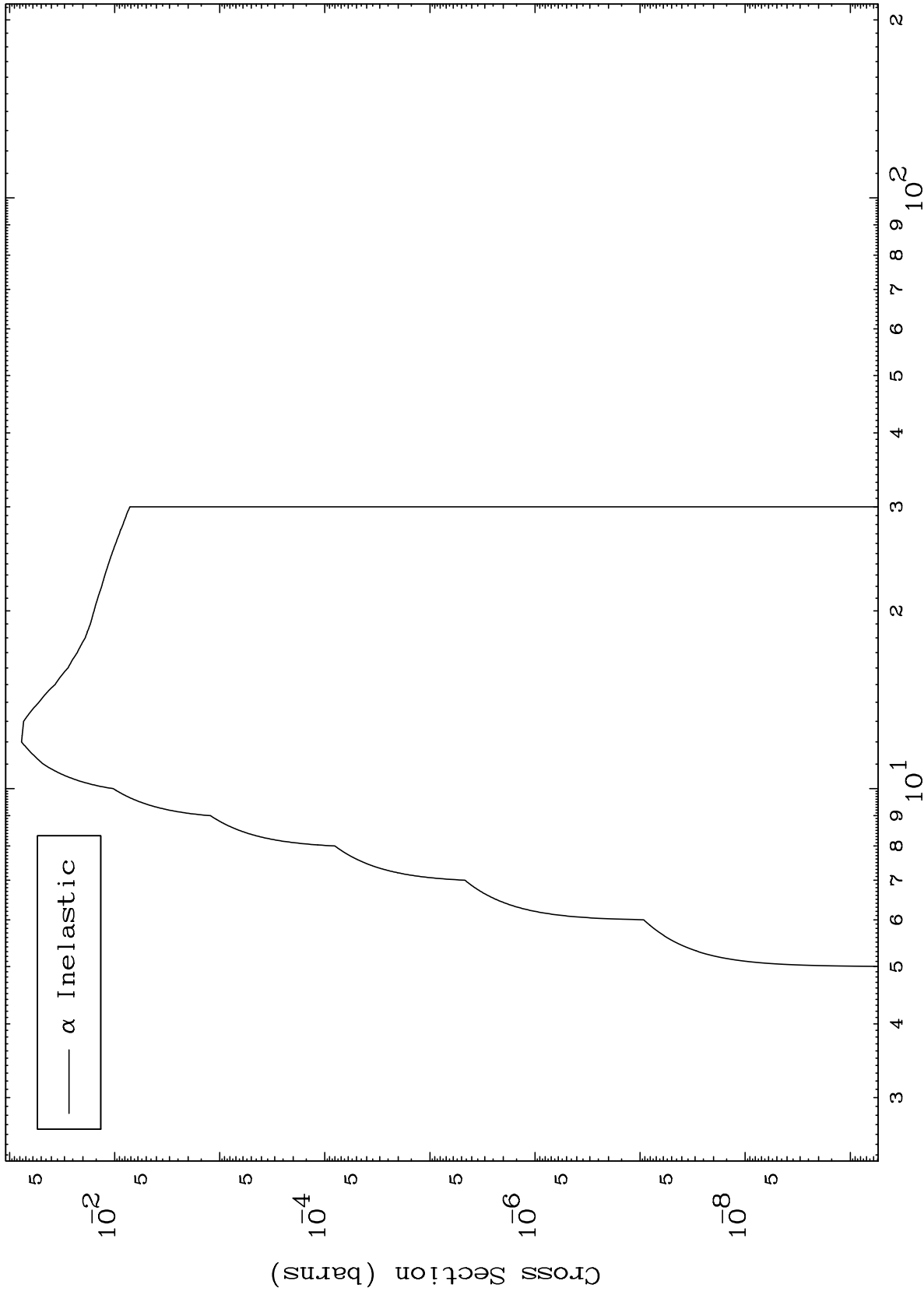
39-Y -94



MAT 3940

(α, n') Level
0 Kelvin Cross Sections

39-Y -94



6

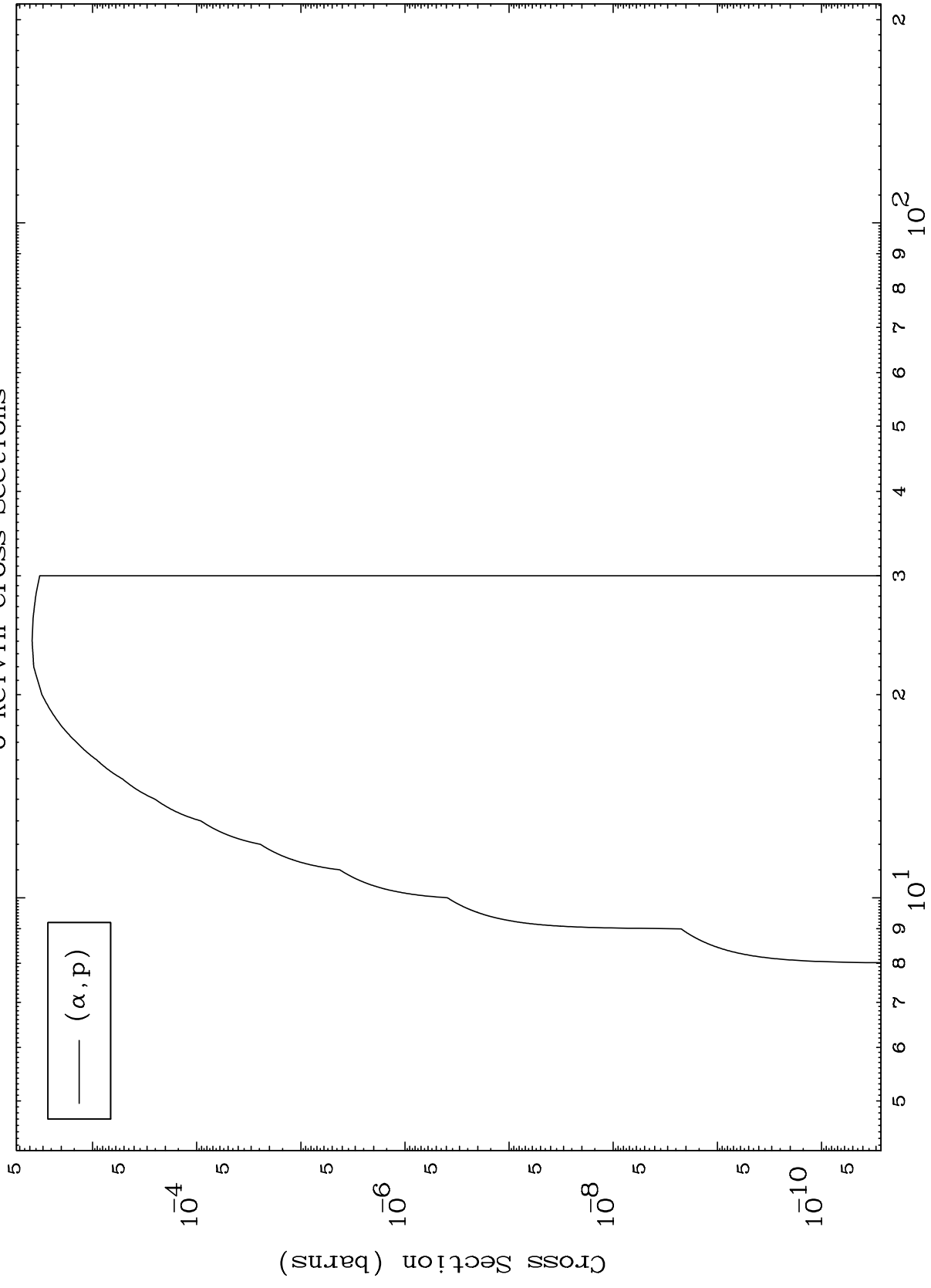
Incident Energy (MeV)

39-Y -94

MAT 3940

(α, p) Levels
0 Kelvin Cross Sections

39-Y -94



7

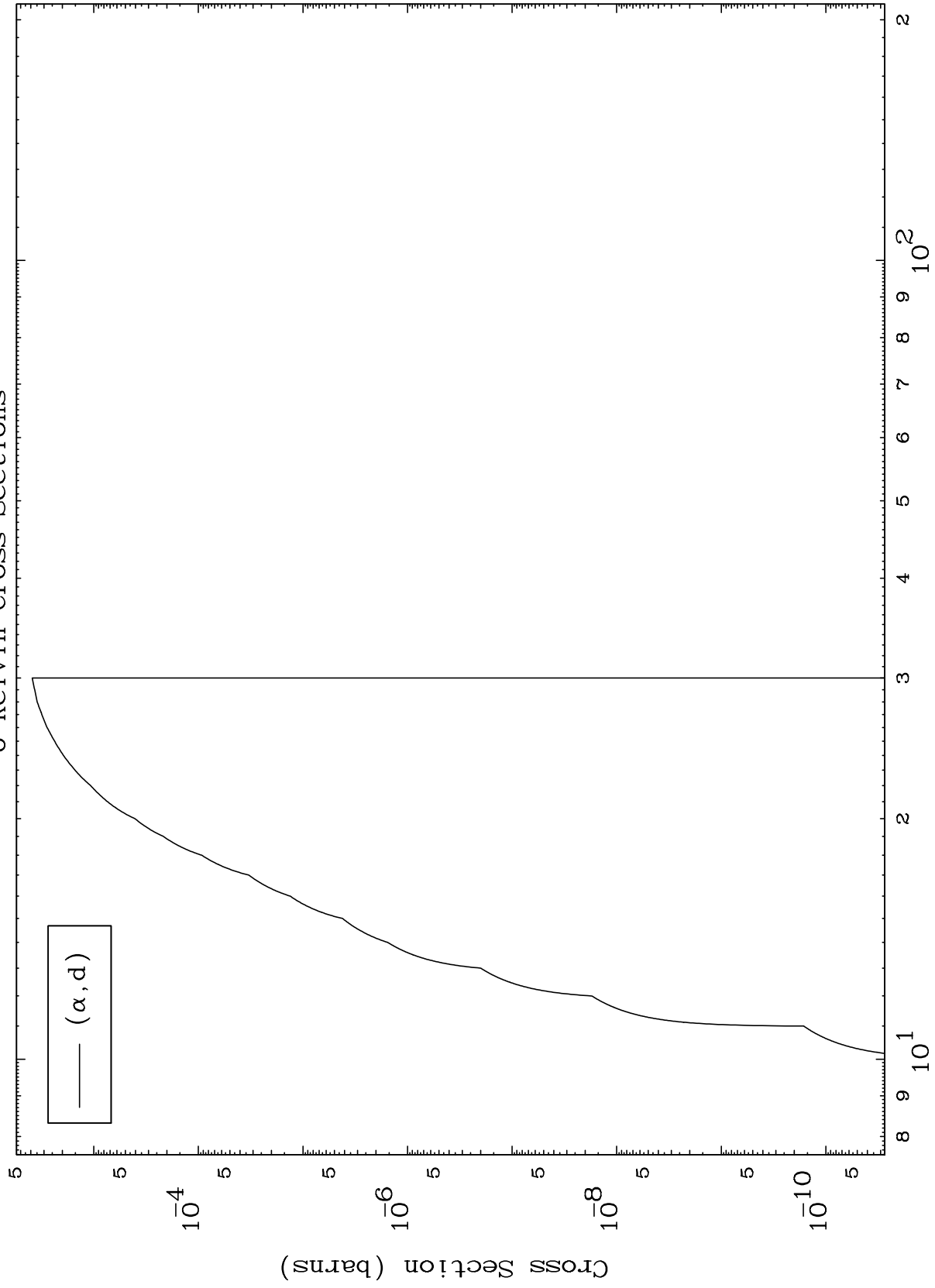
Incident Energy (MeV)

39-Y -94

MAT 3940

(α, d) Levels
0 Kelvin Cross Sections

39-Y -94



(α, d)

8

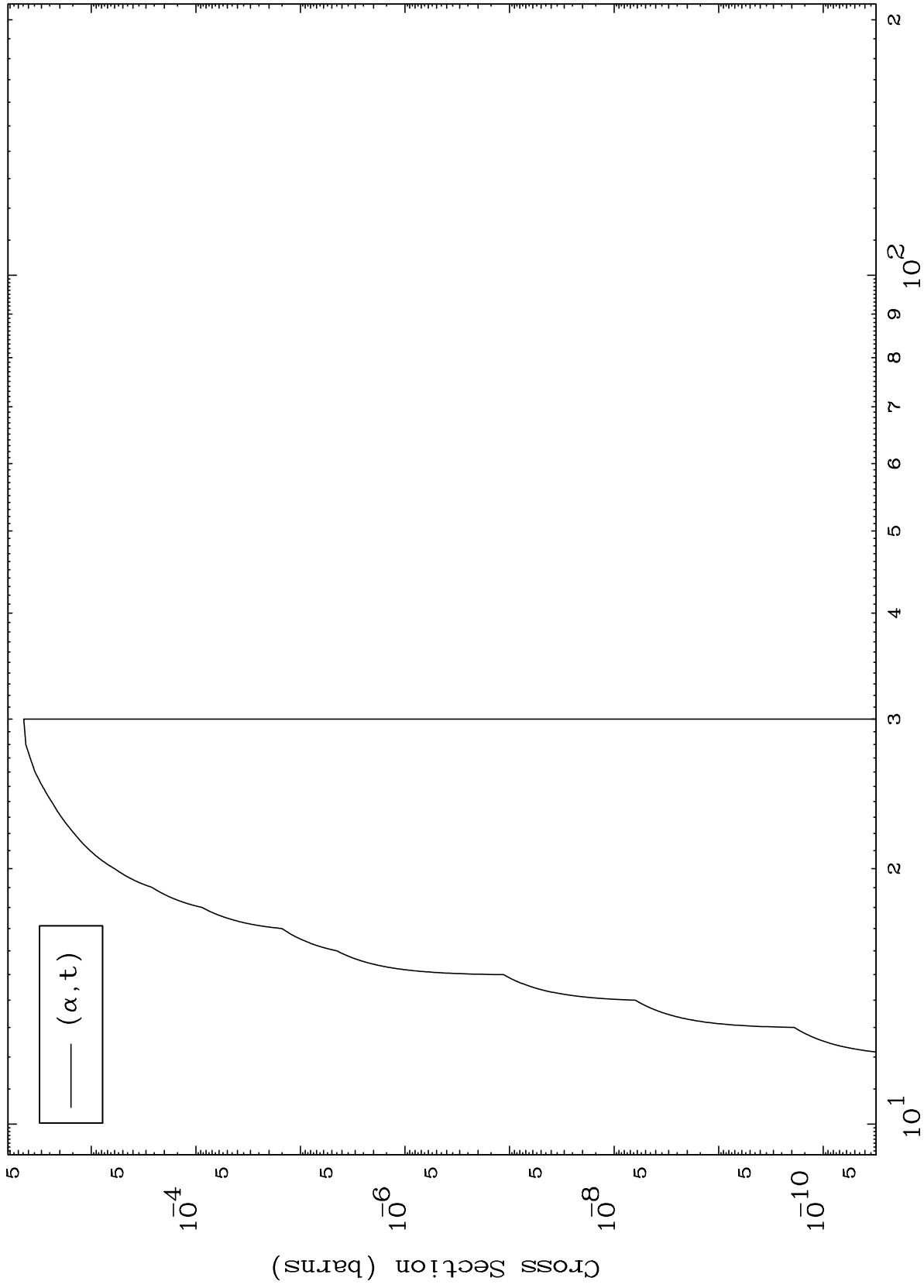
Incident Energy (MeV)

39-Y -94

MAT 3940

(α, t) Levels
0 Kelvin Cross Sections

39-Y -94



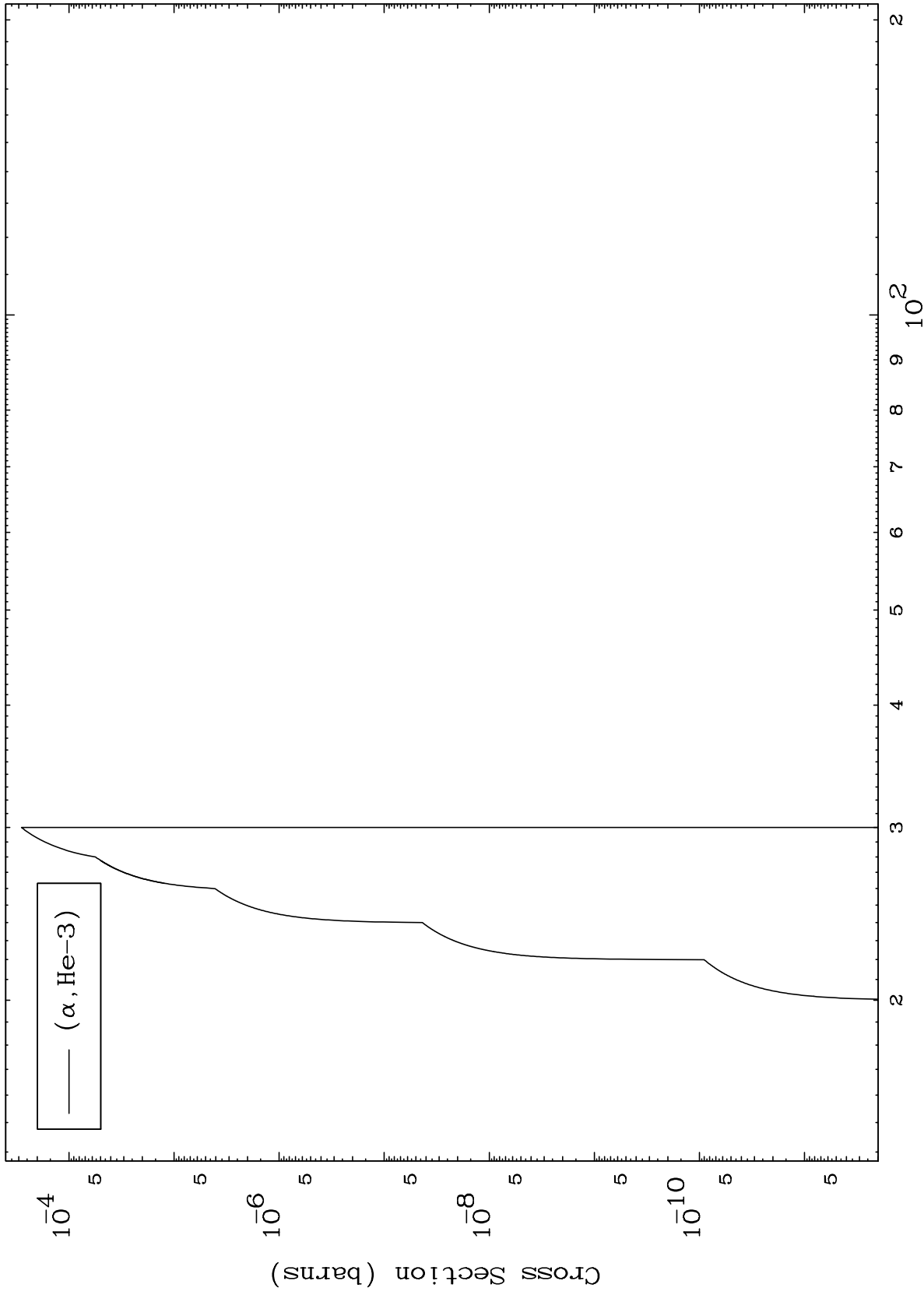
Incident Energy (MeV)

39-Y -94

MAT 3940

(α ,He3) Levels
0 Kelvin Cross Sections

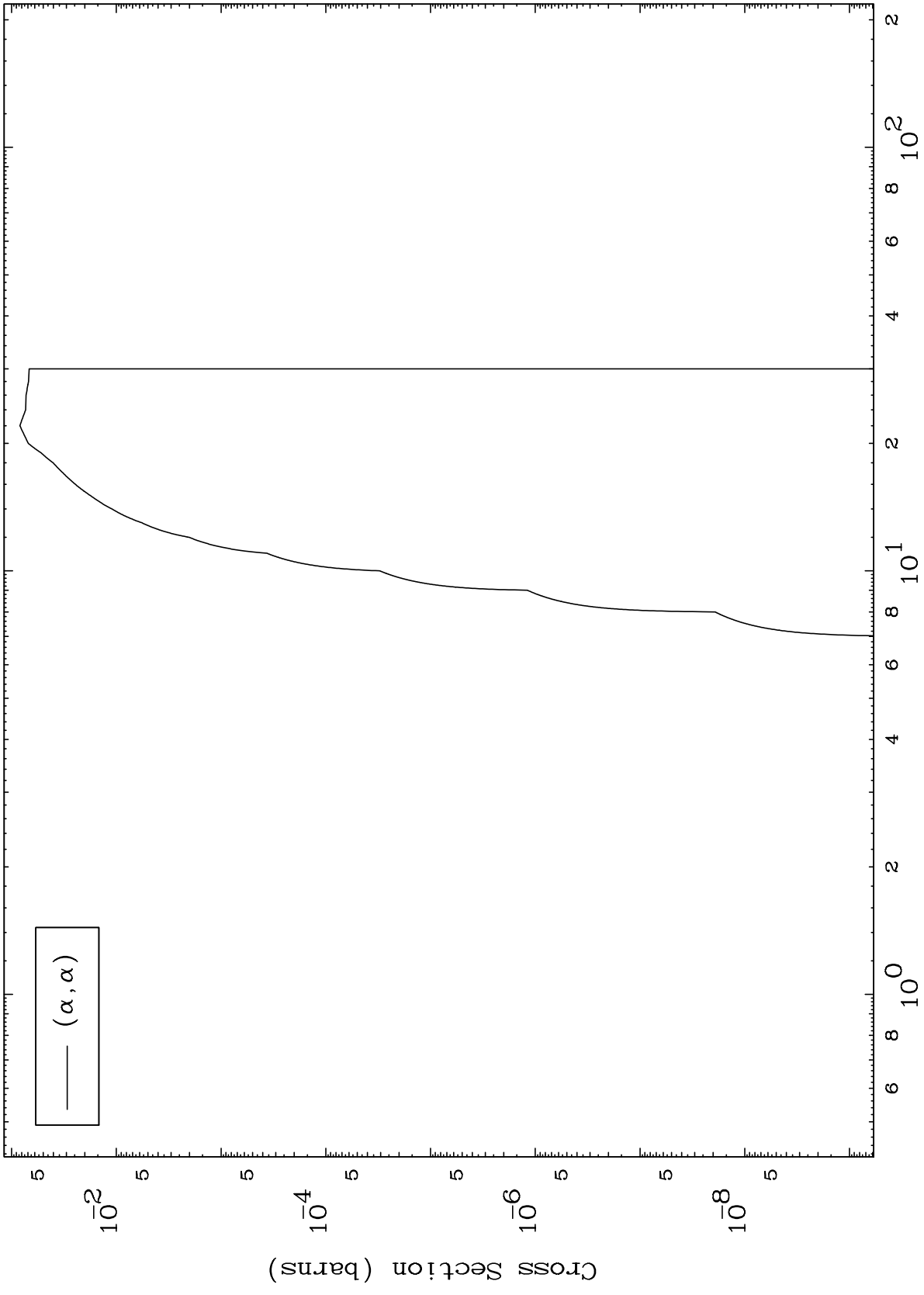
39-Y -94



MAT 3940

(α, α) Levels
0 Kelvin Cross Sections

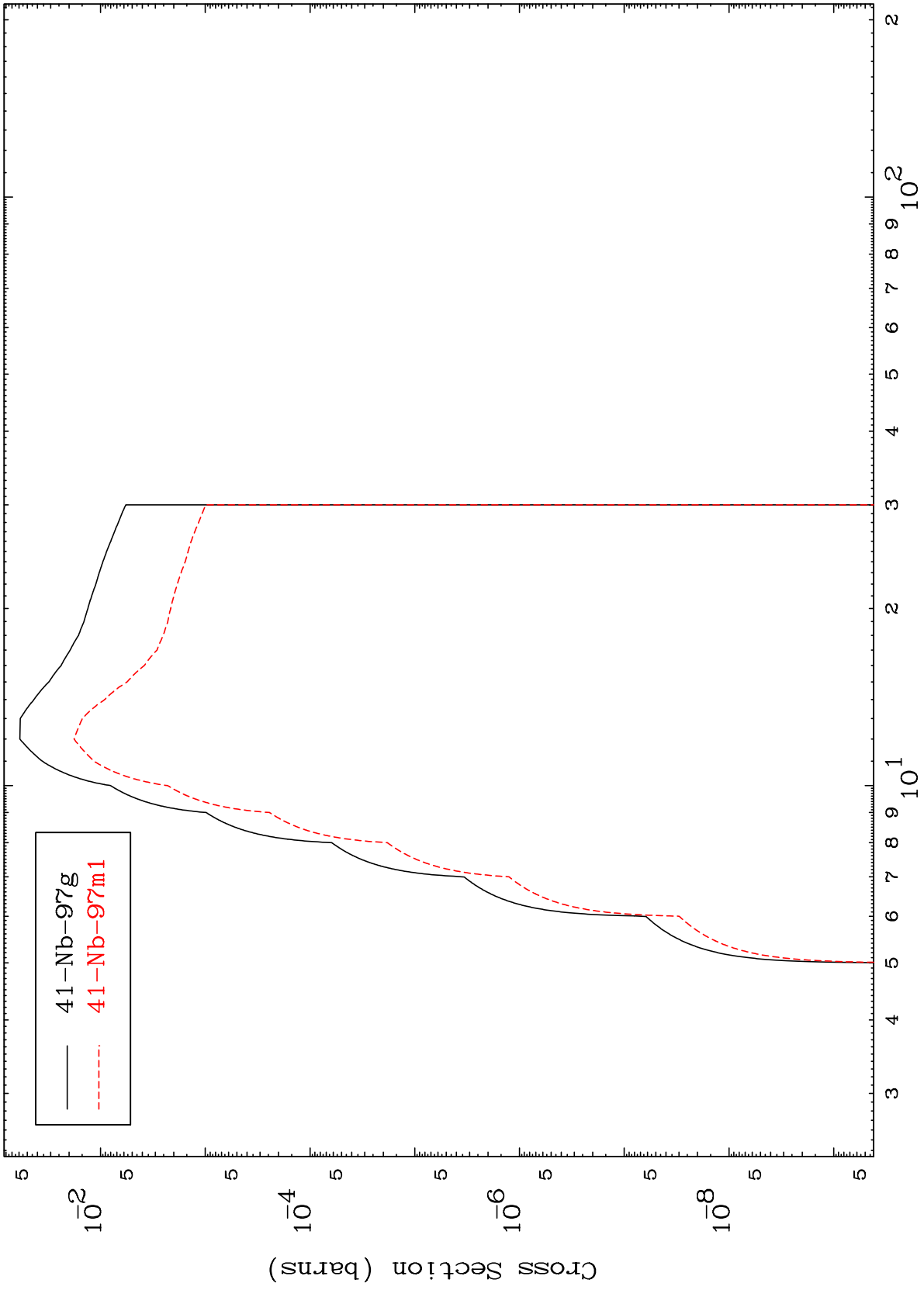
39-Y -94



MAT 3940

Radionuclide Production Cross Section

39-Y -94



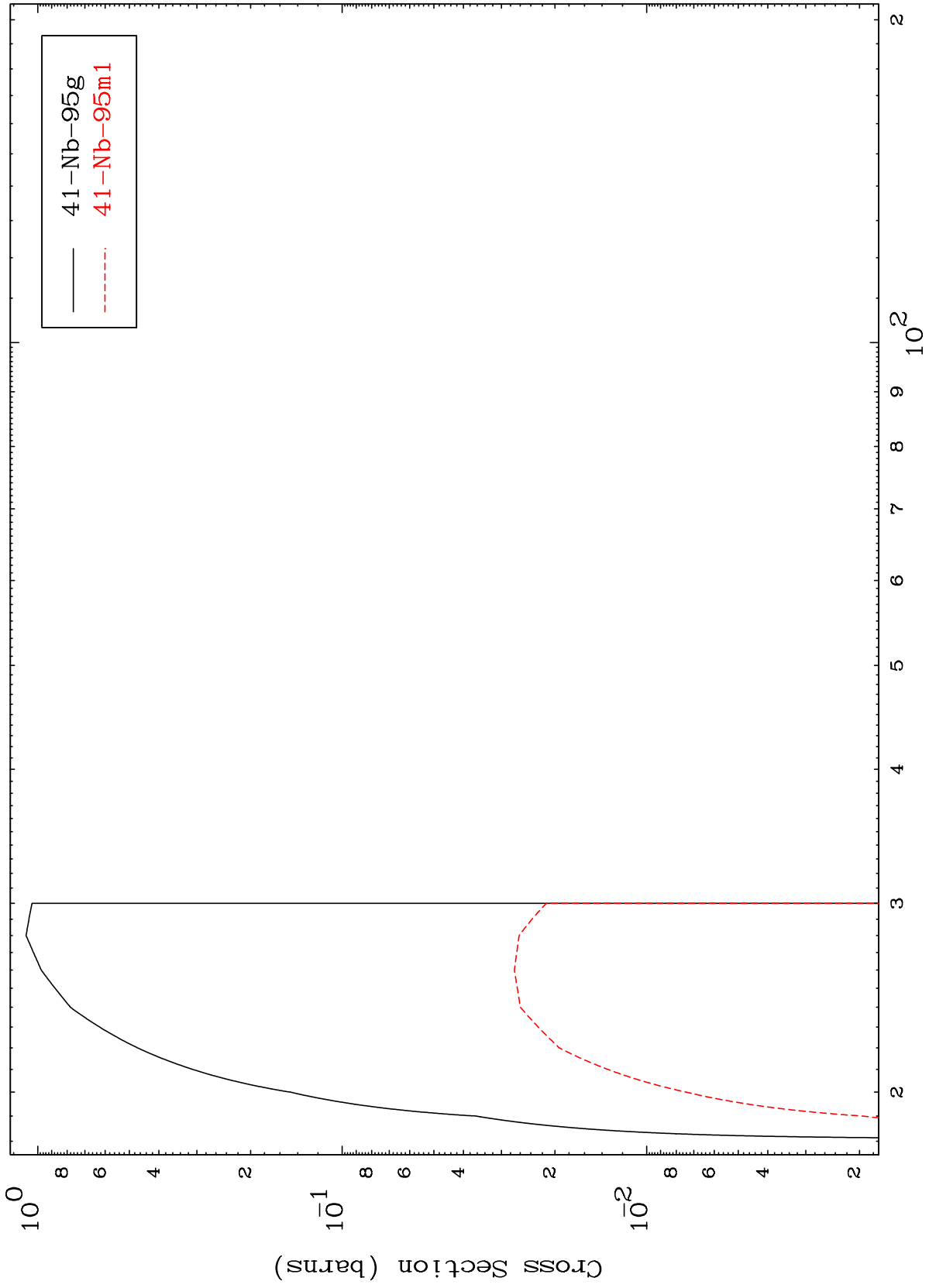
— 41-Nb-97g
- - - 41-Nb-97m1

39-Y -94

MAT 3940

39-Y -94

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



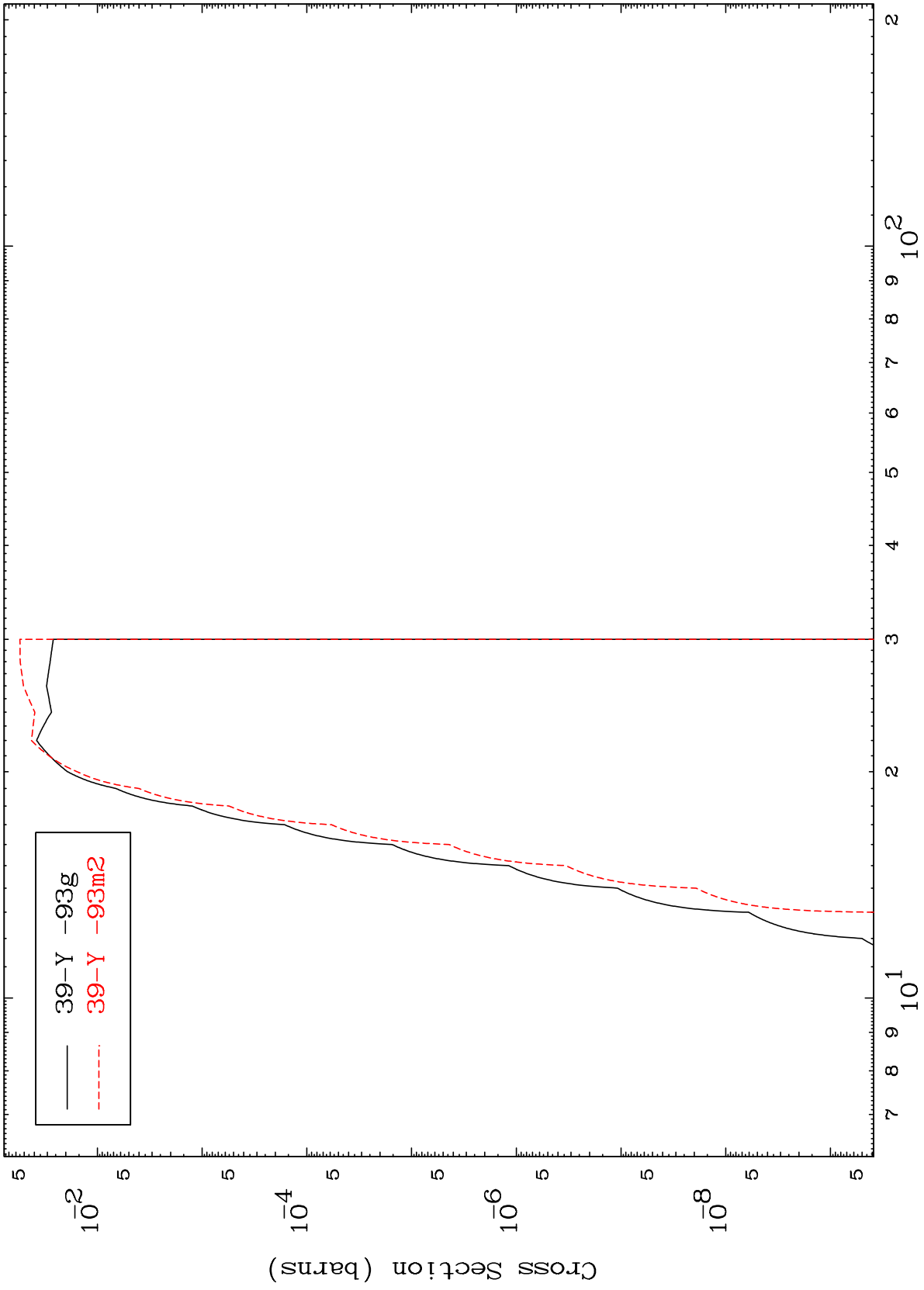
13

39-Y -94

MAT 3940

39-Y -94

(α, n') α
Radionuclide Production Cross Section



14

Incident Energy (MeV)

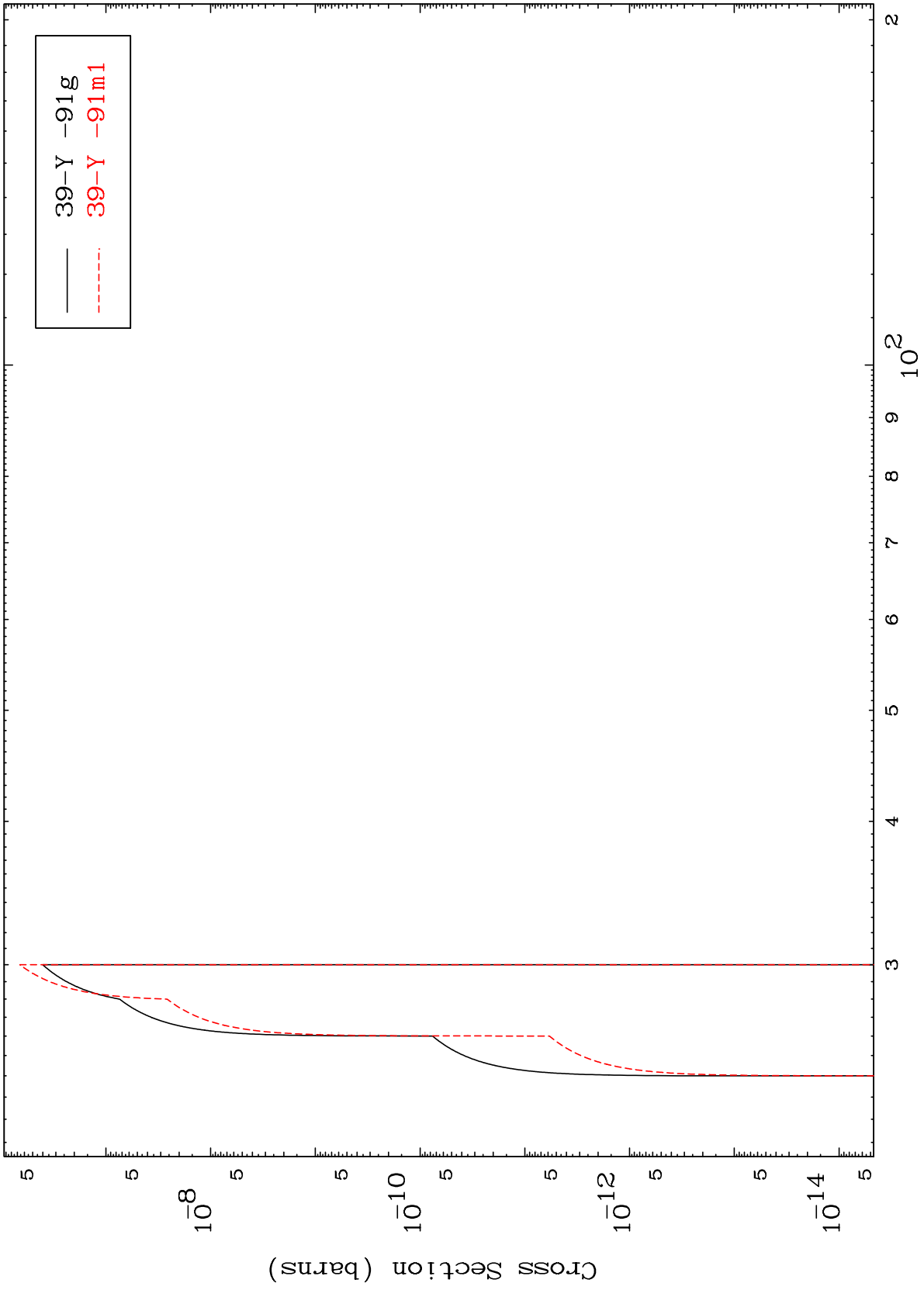
39-Y -94

MAT 3940

($\alpha, 3n$) α

39-Y -94

Radionuclide Production Cross Section



15

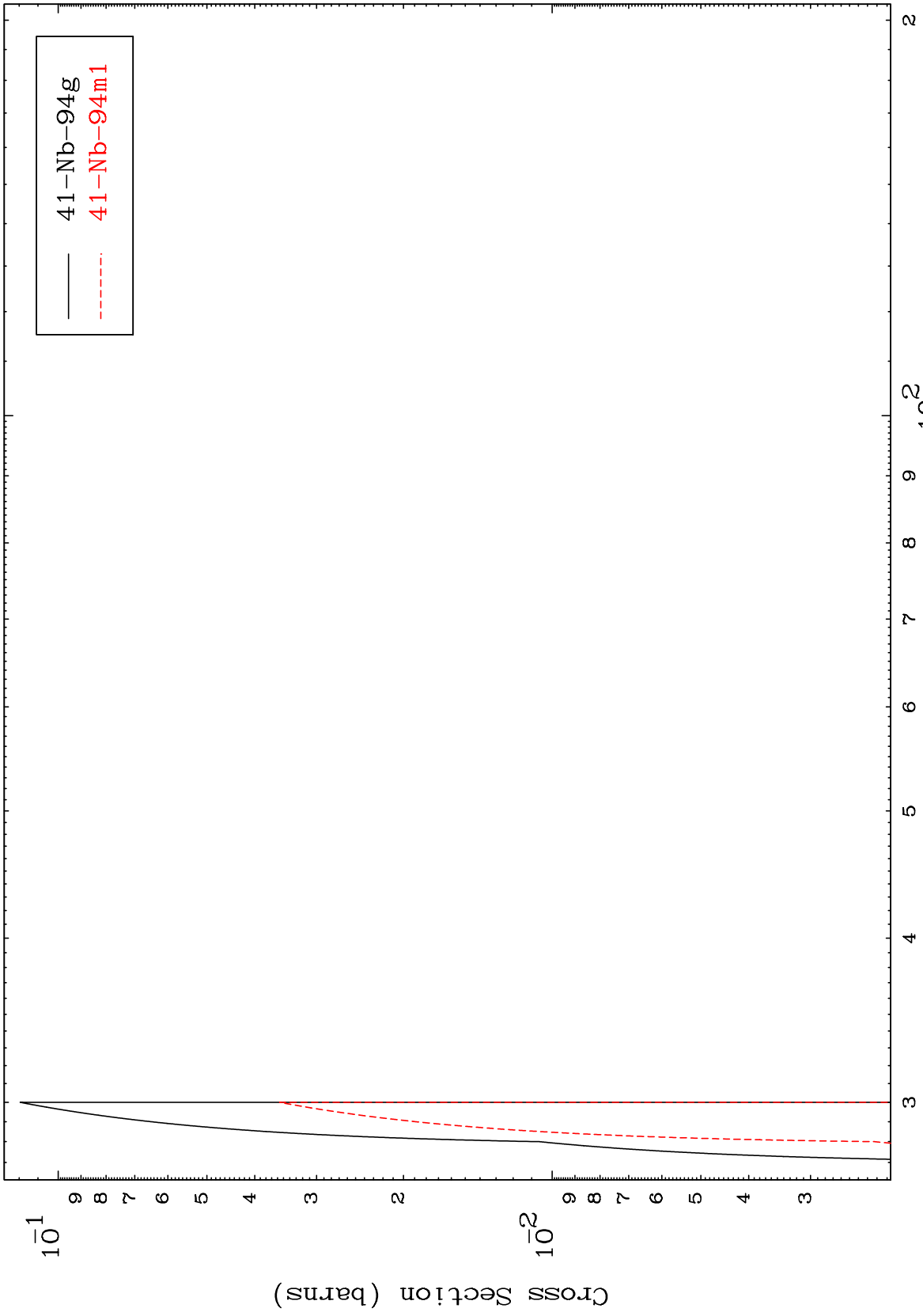
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

Radionuclide Production Cross Section
($\alpha, 4n$)



16

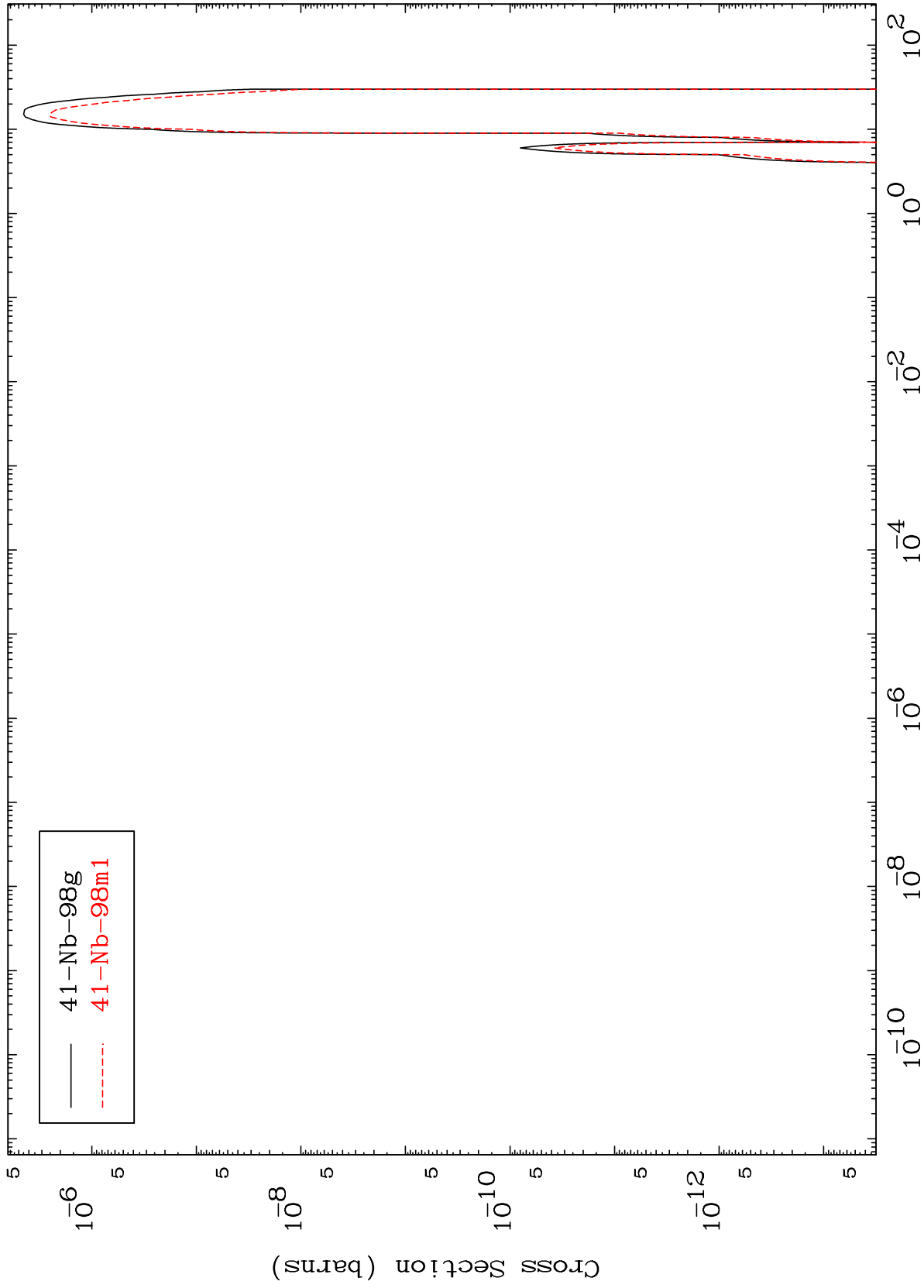
39-Y -94

Incident Energy (MeV)

MAT 3940

Radionuclide Production Cross Section
(α, γ)

39-Y -94



17

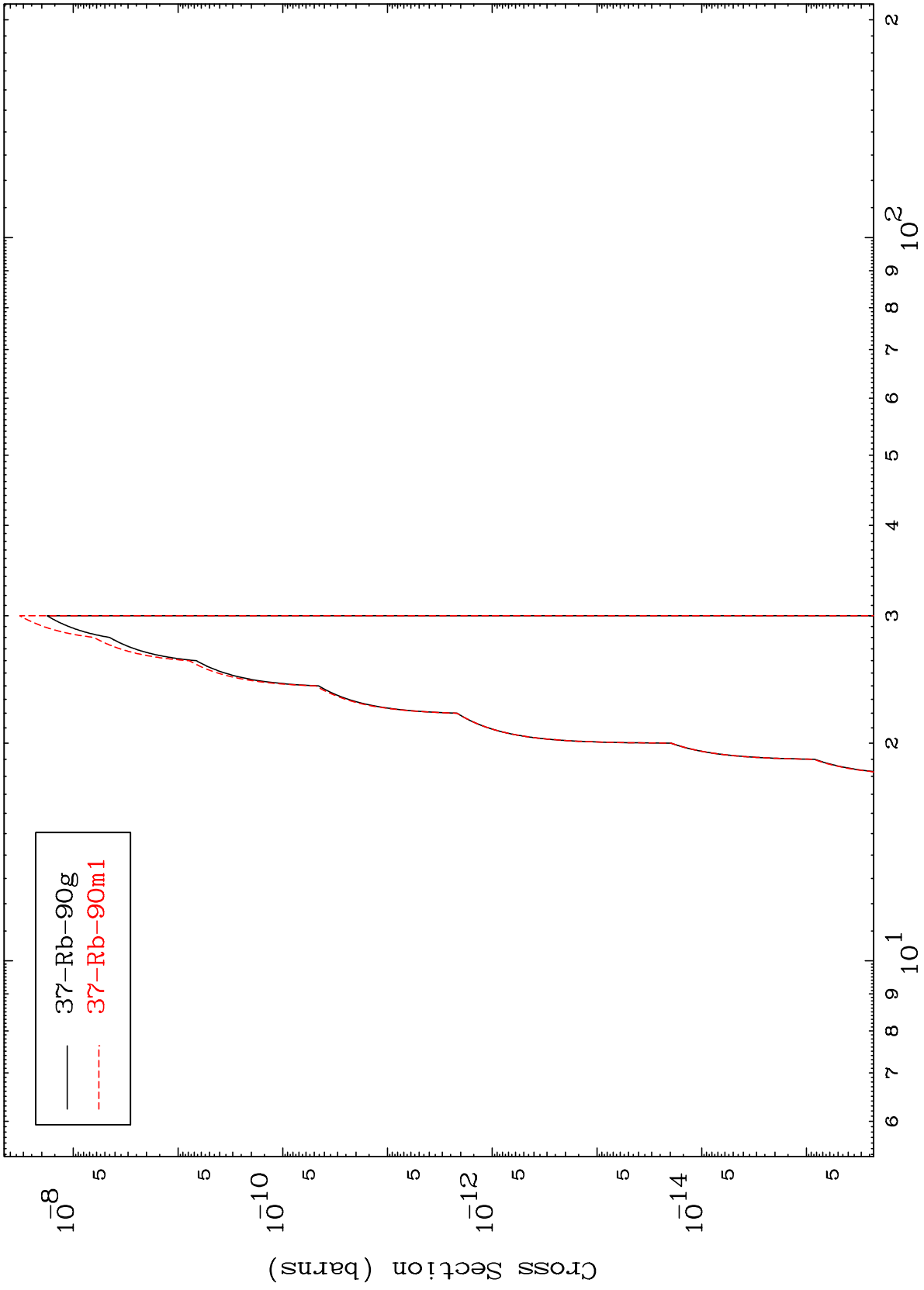
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

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



18

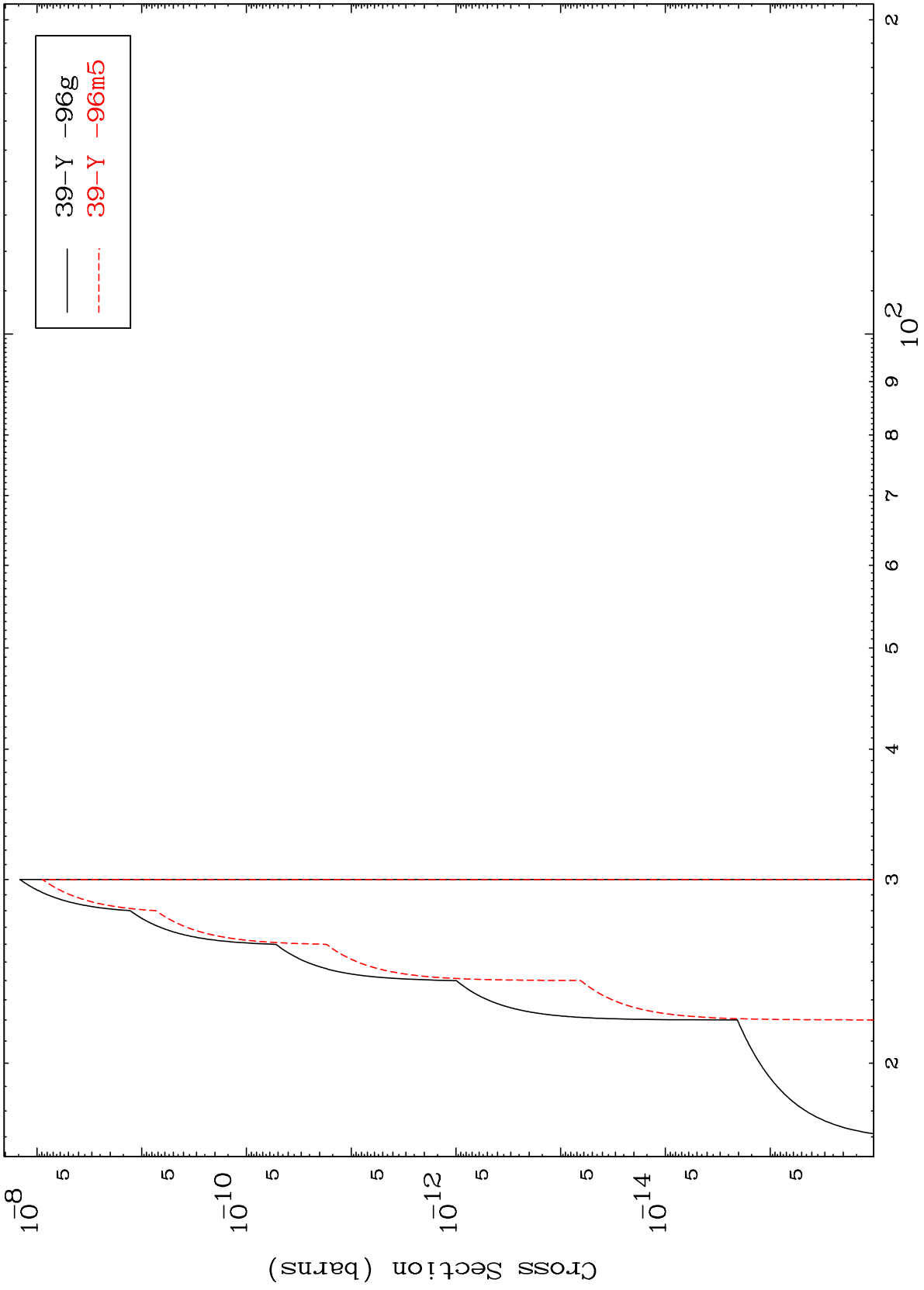
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

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



19

Incident Energy (MeV)

39-Y -94