

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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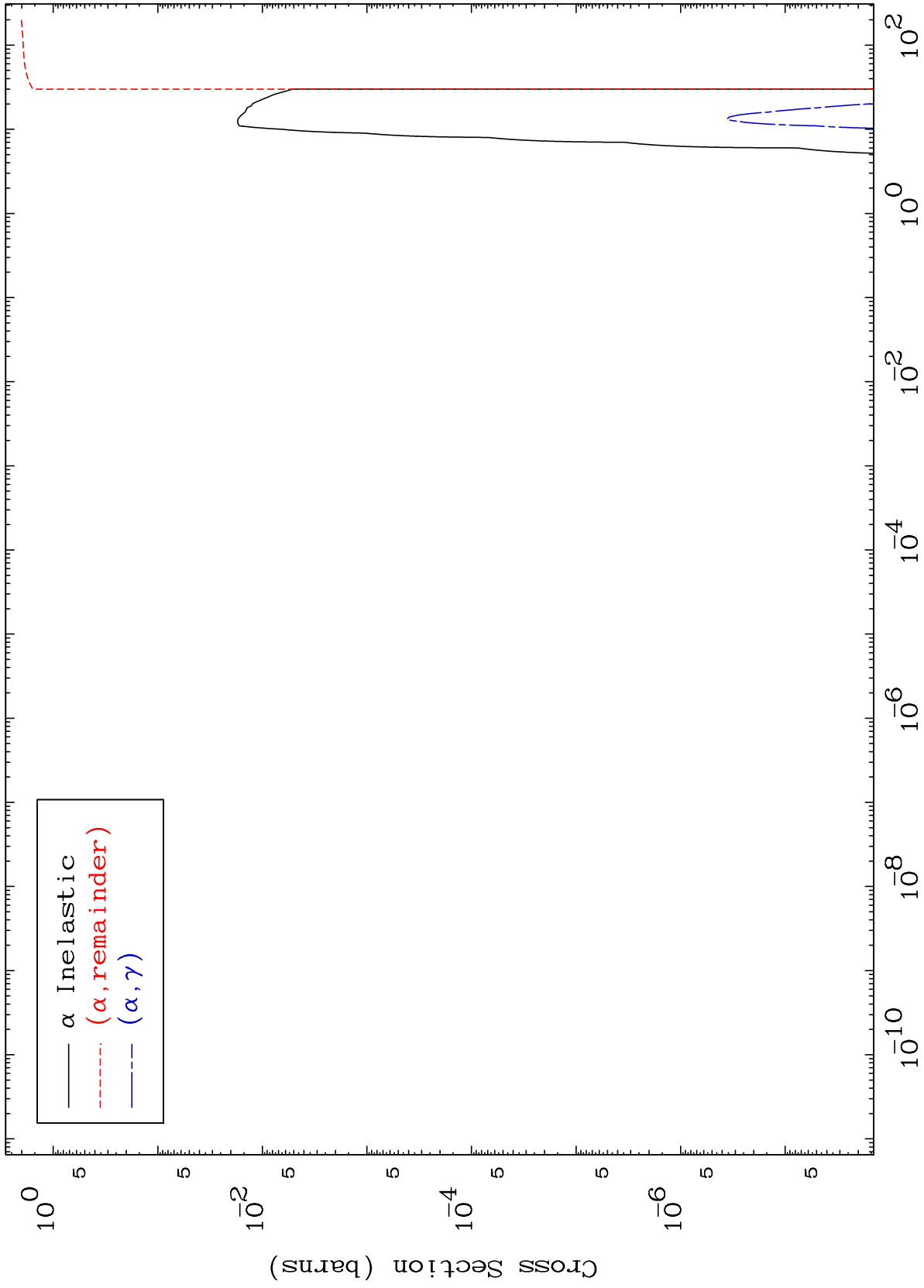
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3953

0 Kelvin α Major
Cross Sections

39-Y -98



1

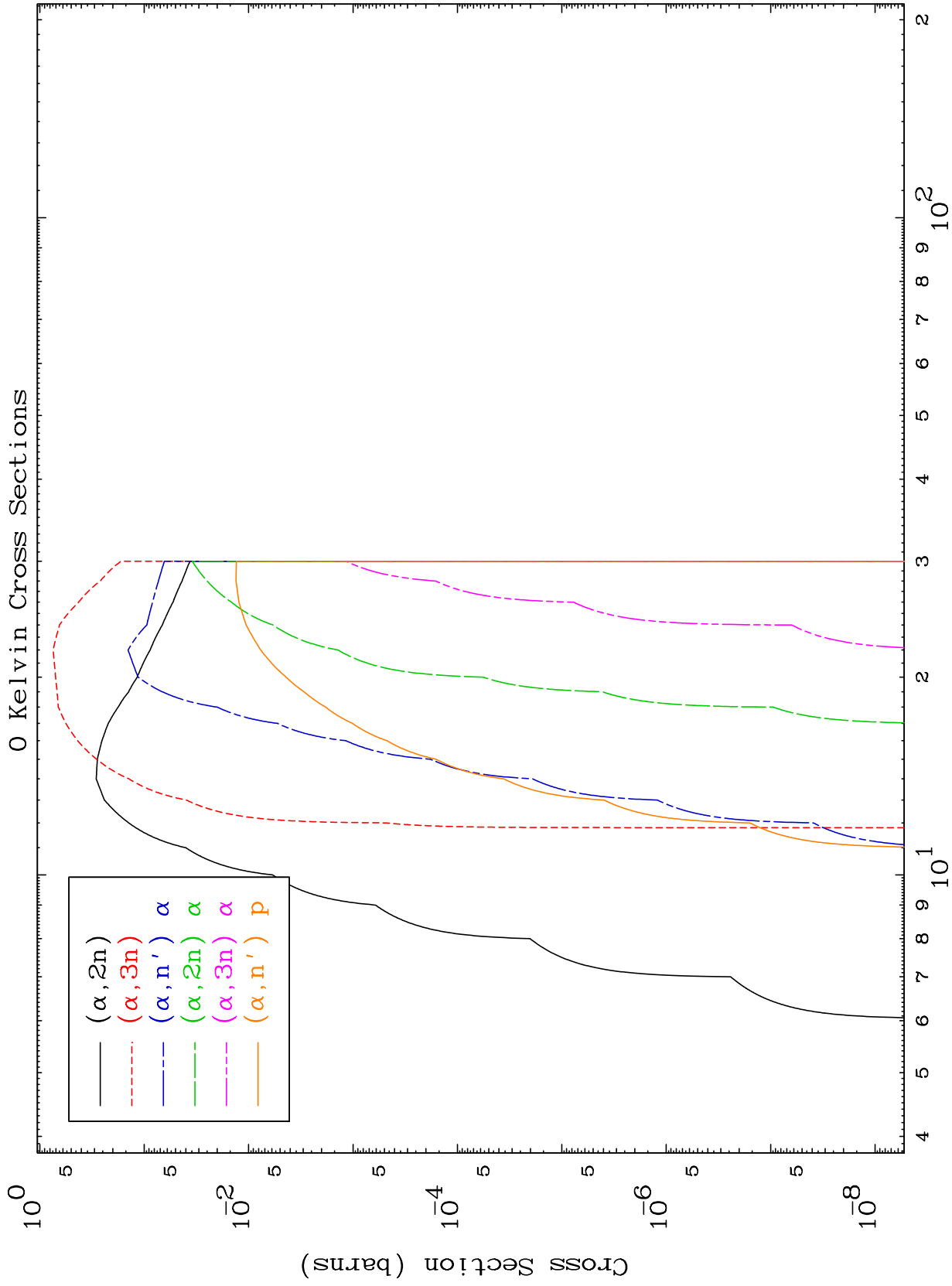
Incident Energy (MeV)

39-Y -98

MAT 3953

α Neutron Production
0 Kelvin Cross Sections

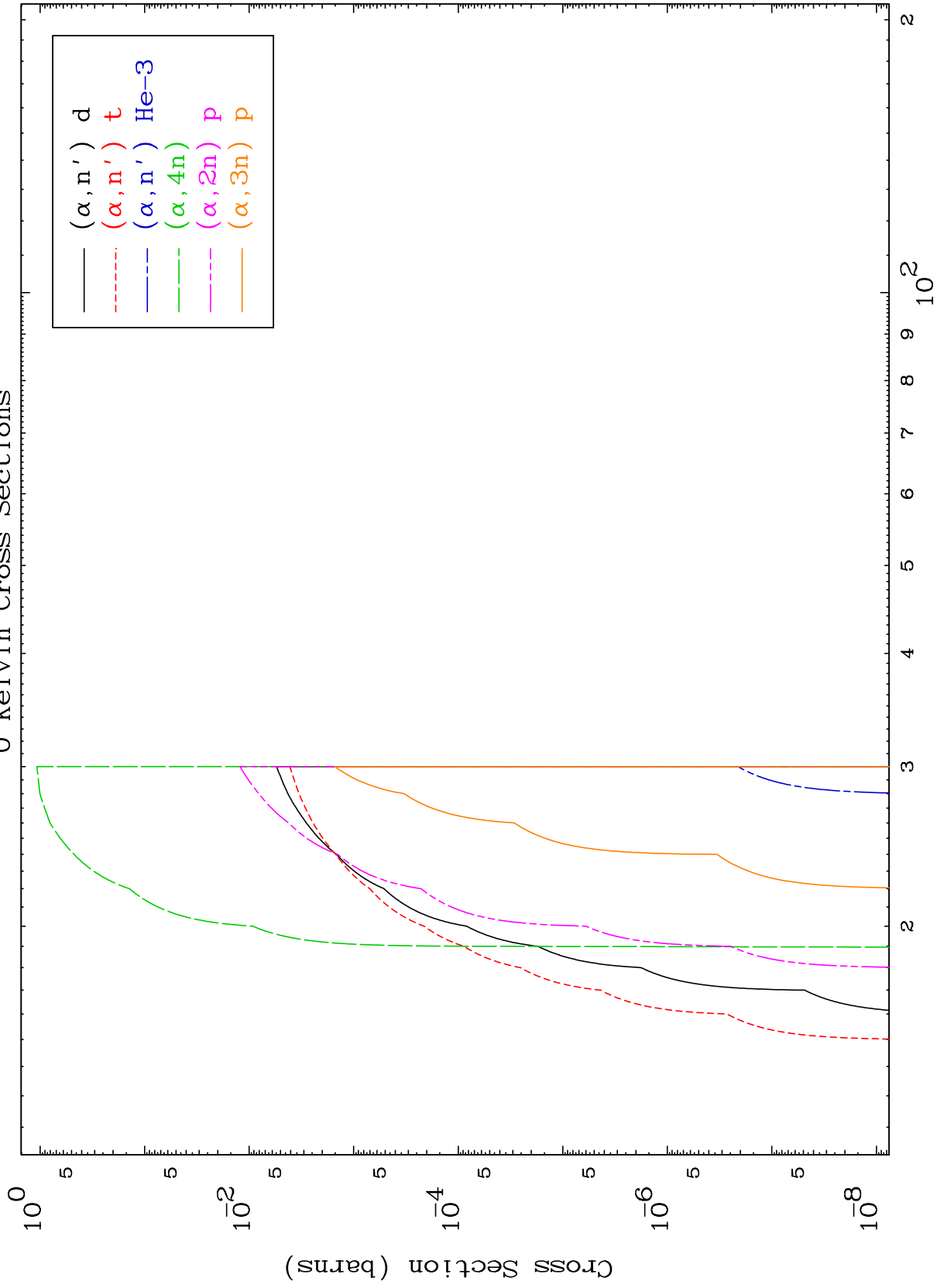
39-Y -98

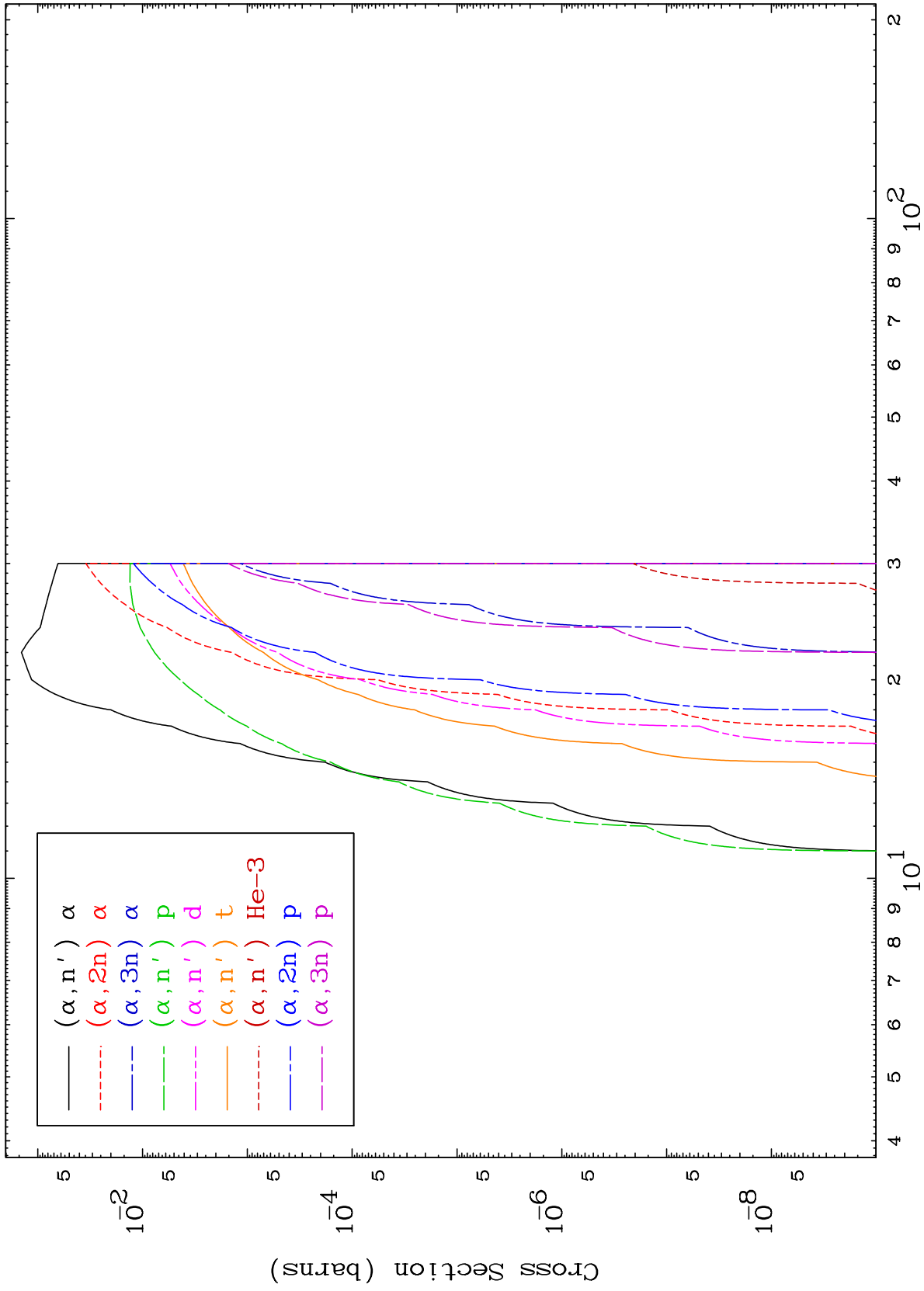


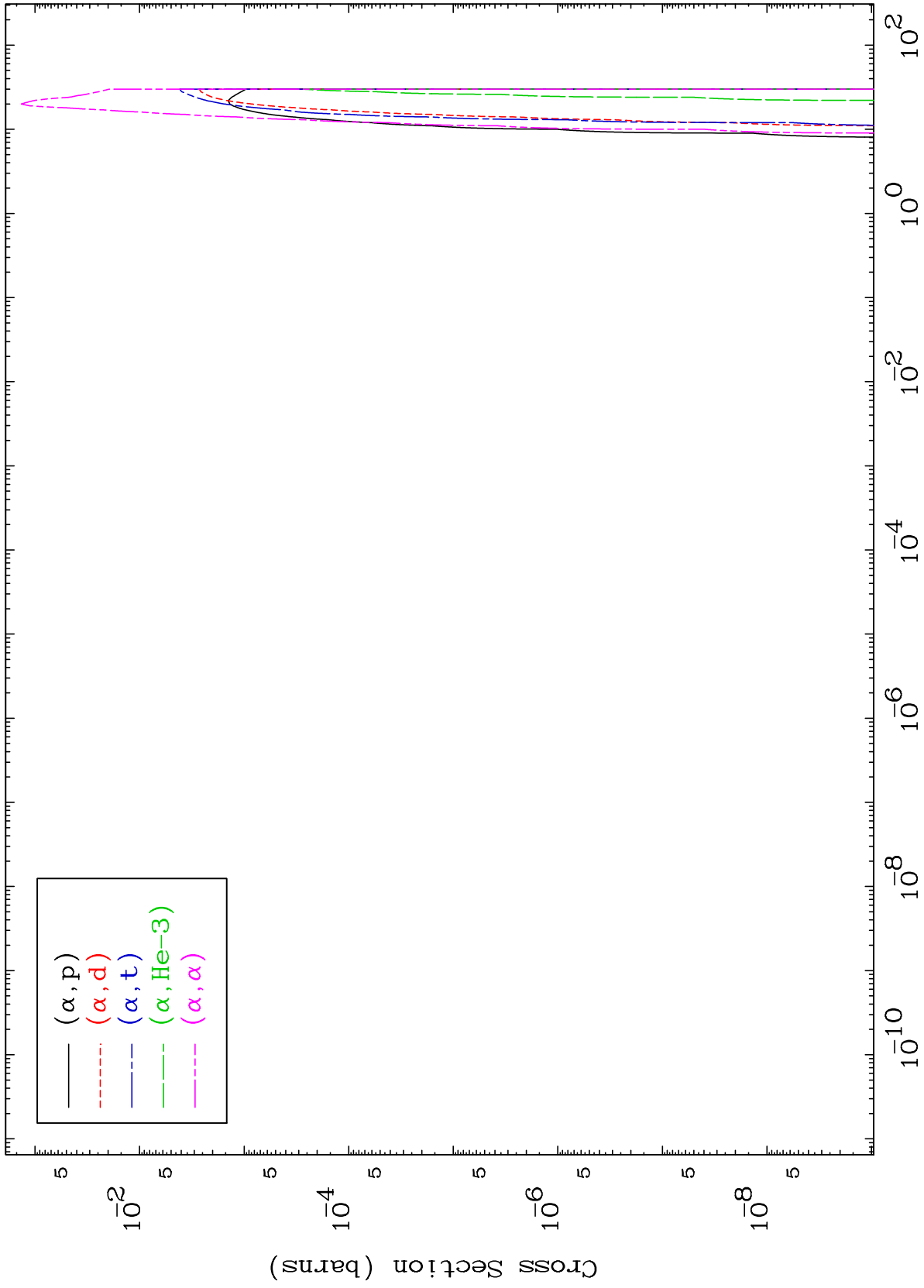
2

Incident Energy (MeV)

39-Y -98



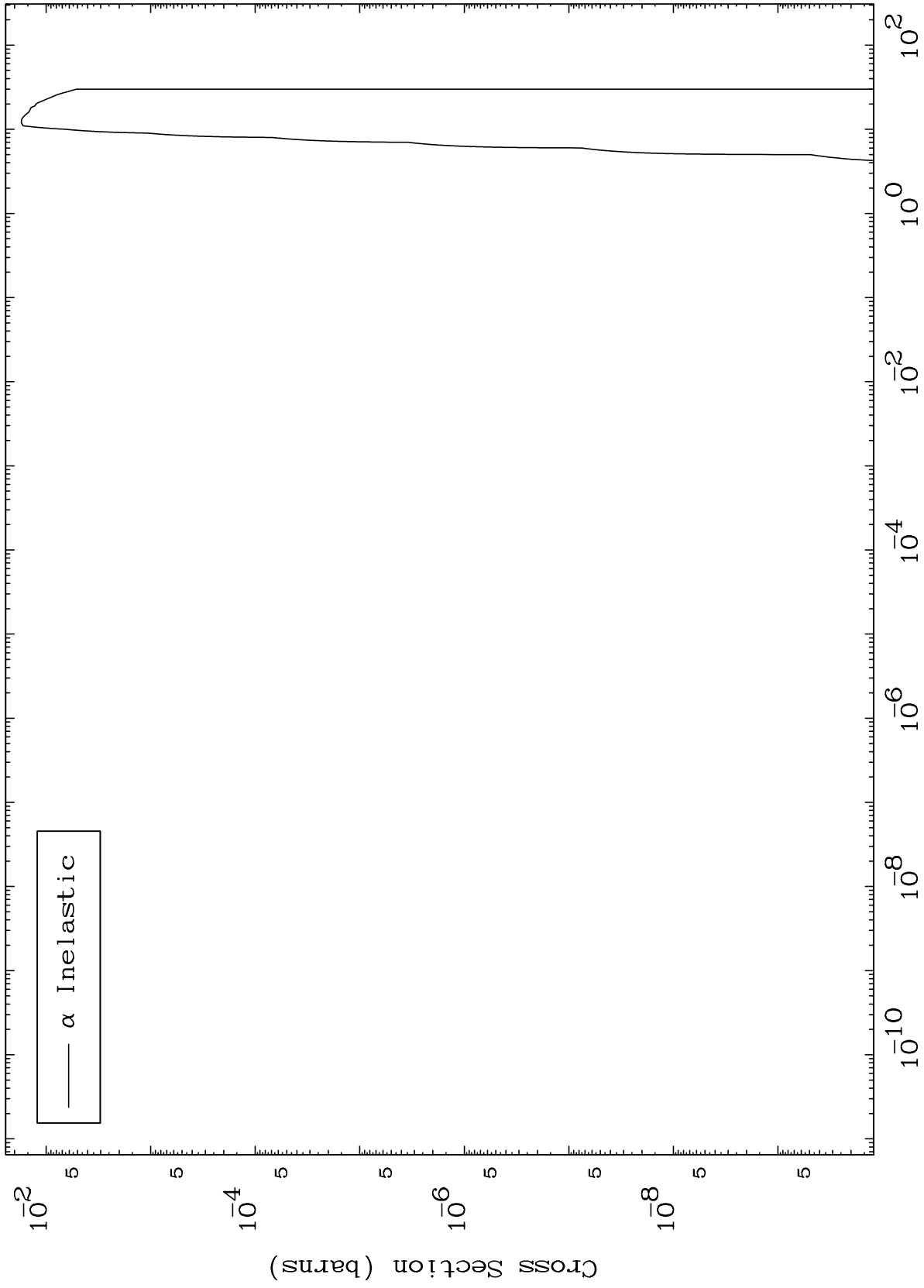




MAT 3953

(α, n') Level
0 Kelvin Cross Sections

39-Y -98



6

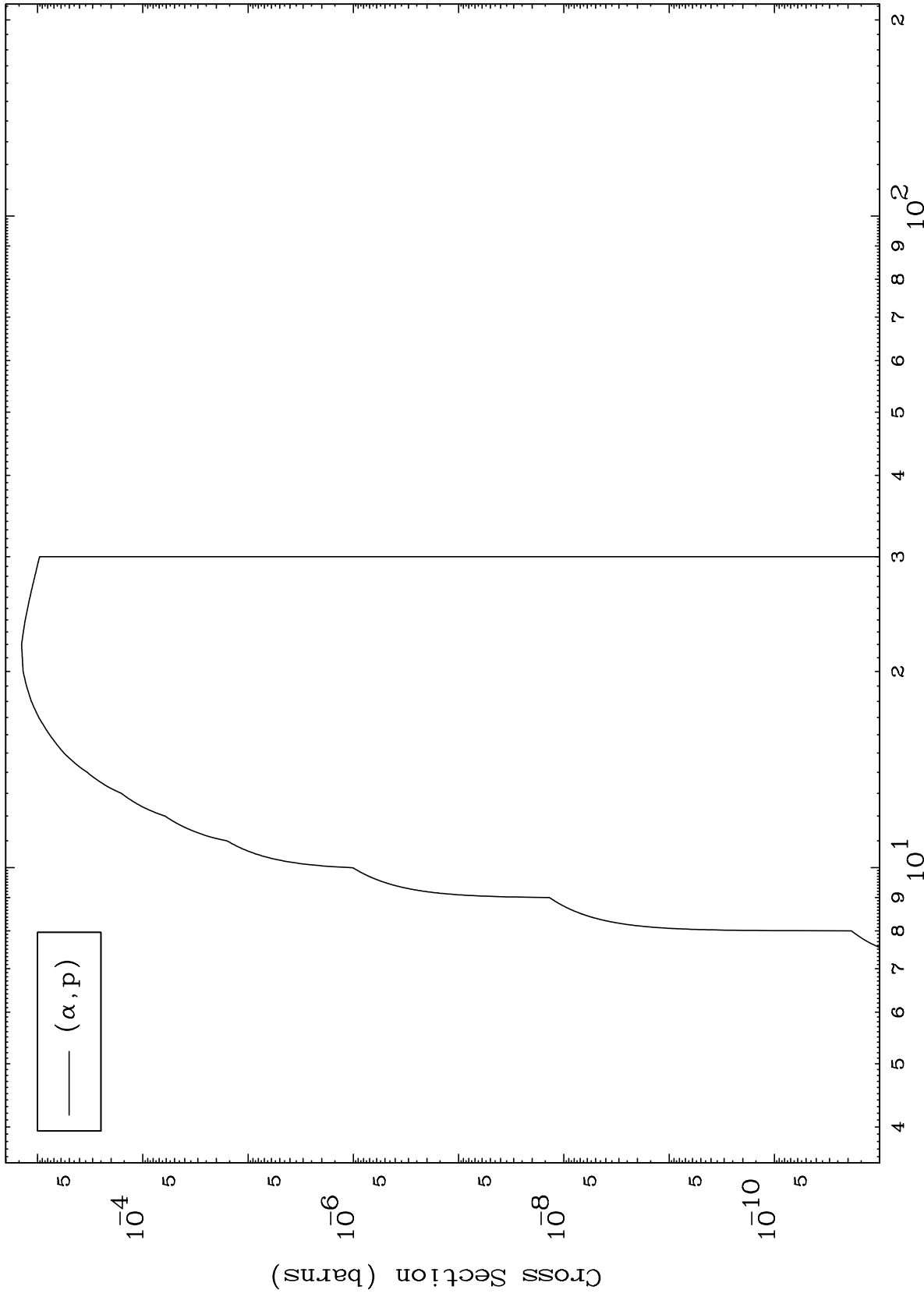
Incident Energy (MeV)

39-Y -98

MAT 3953

39-Y -98

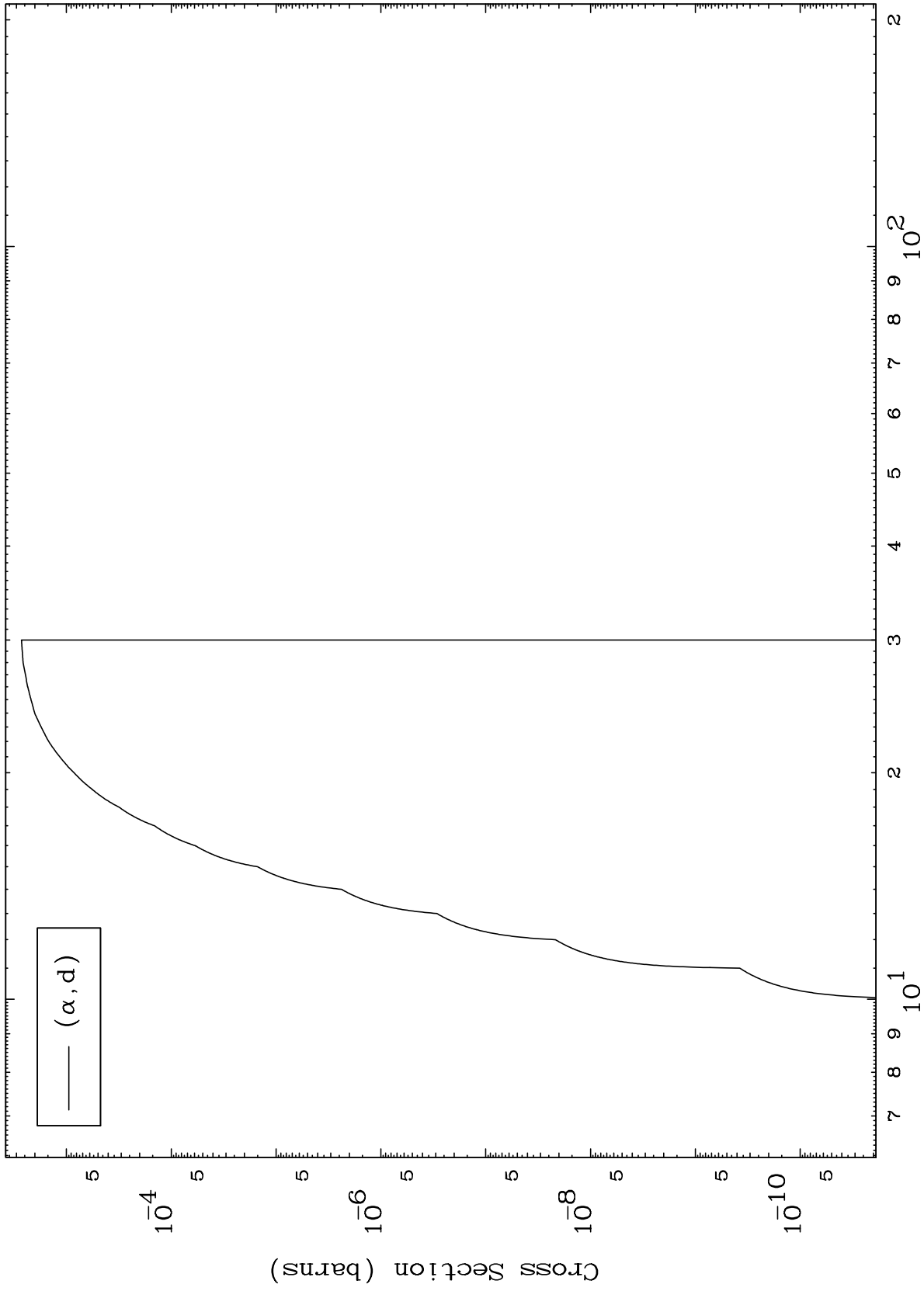
(α, p) Levels
0 Kelvin Cross Sections



39-Y -98

Incident Energy (MeV)

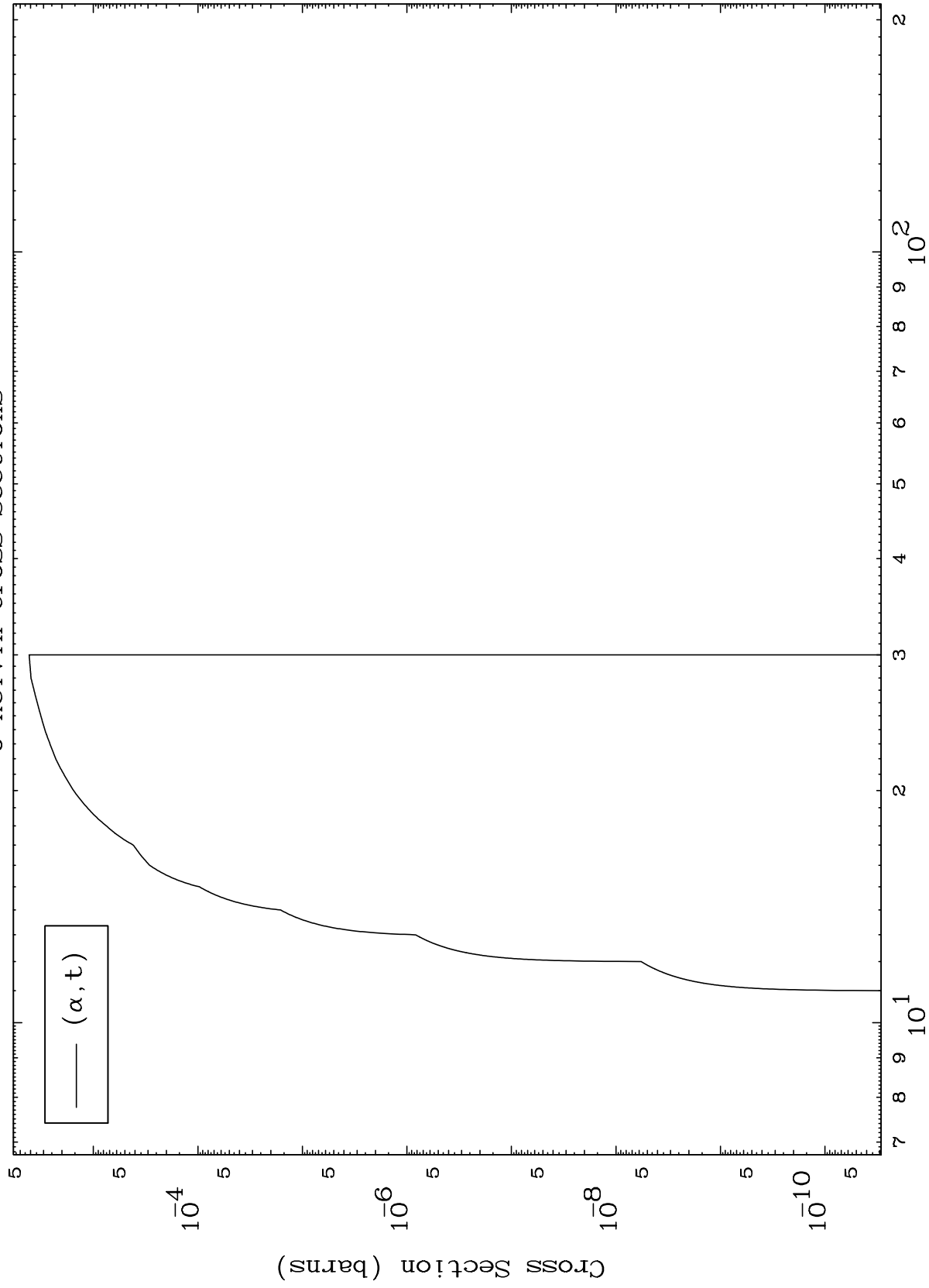
7



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(α, t) Levels
0 Kelvin Cross Sections

39-Y -98



9

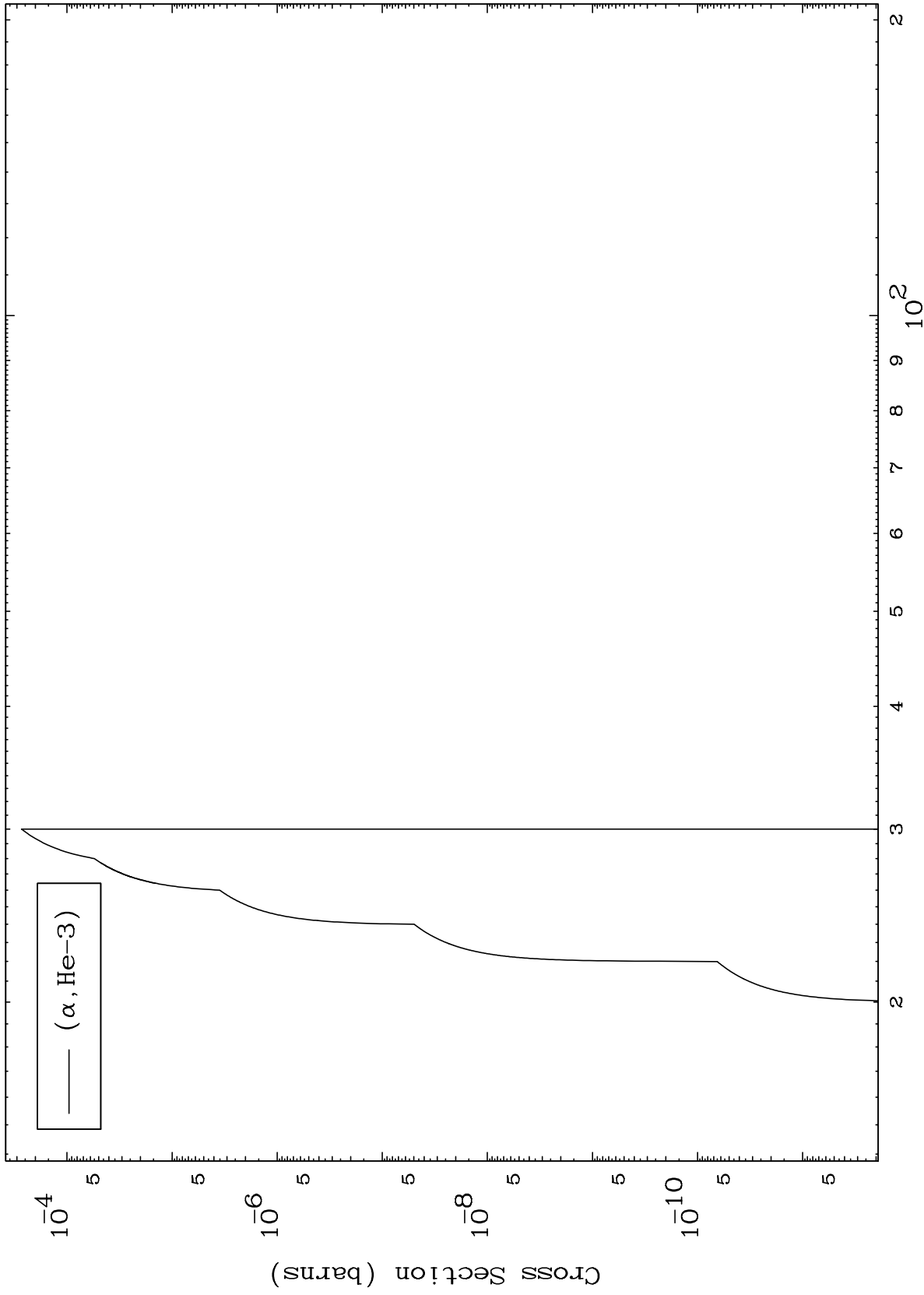
Incident Energy (MeV)

39-Y -98

MAT 3953

(α ,He3) Levels
0 Kelvin Cross Sections

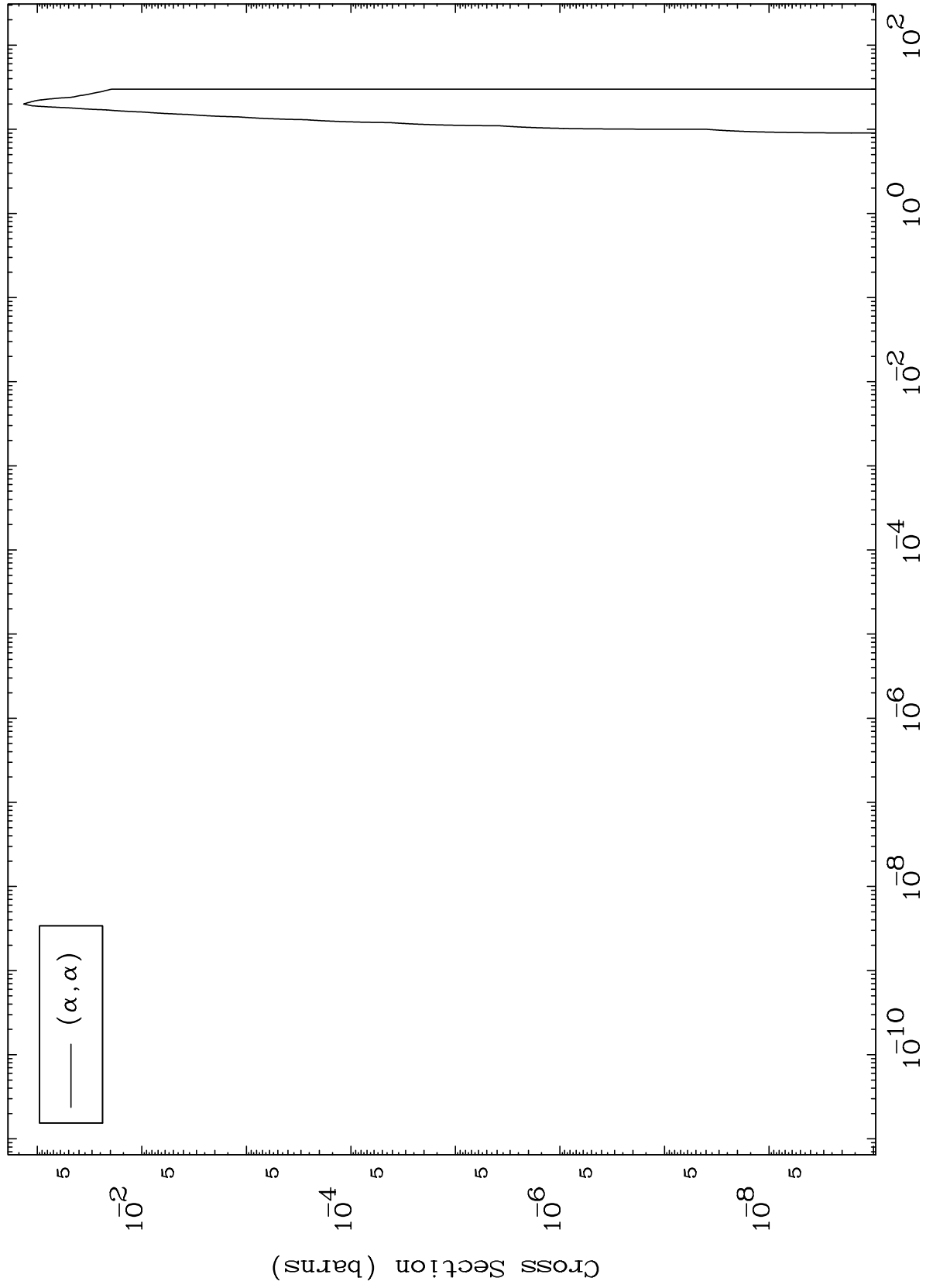
39-Y -98



10

Incident Energy (MeV)

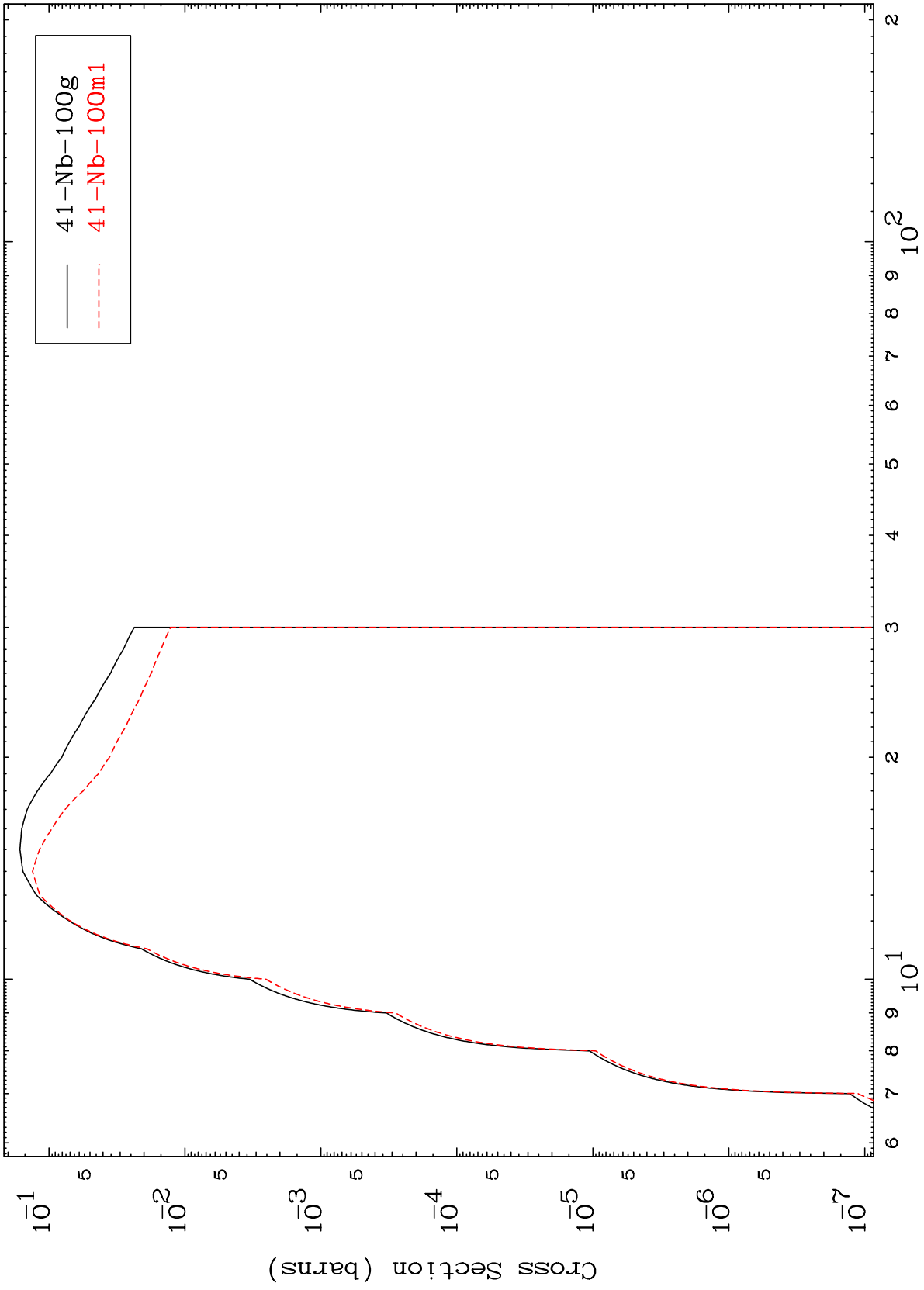
39-Y -98



MAT 3953

39-Y -98

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



— 41-Nb-100g
- - - 41-Nb-100m1

12

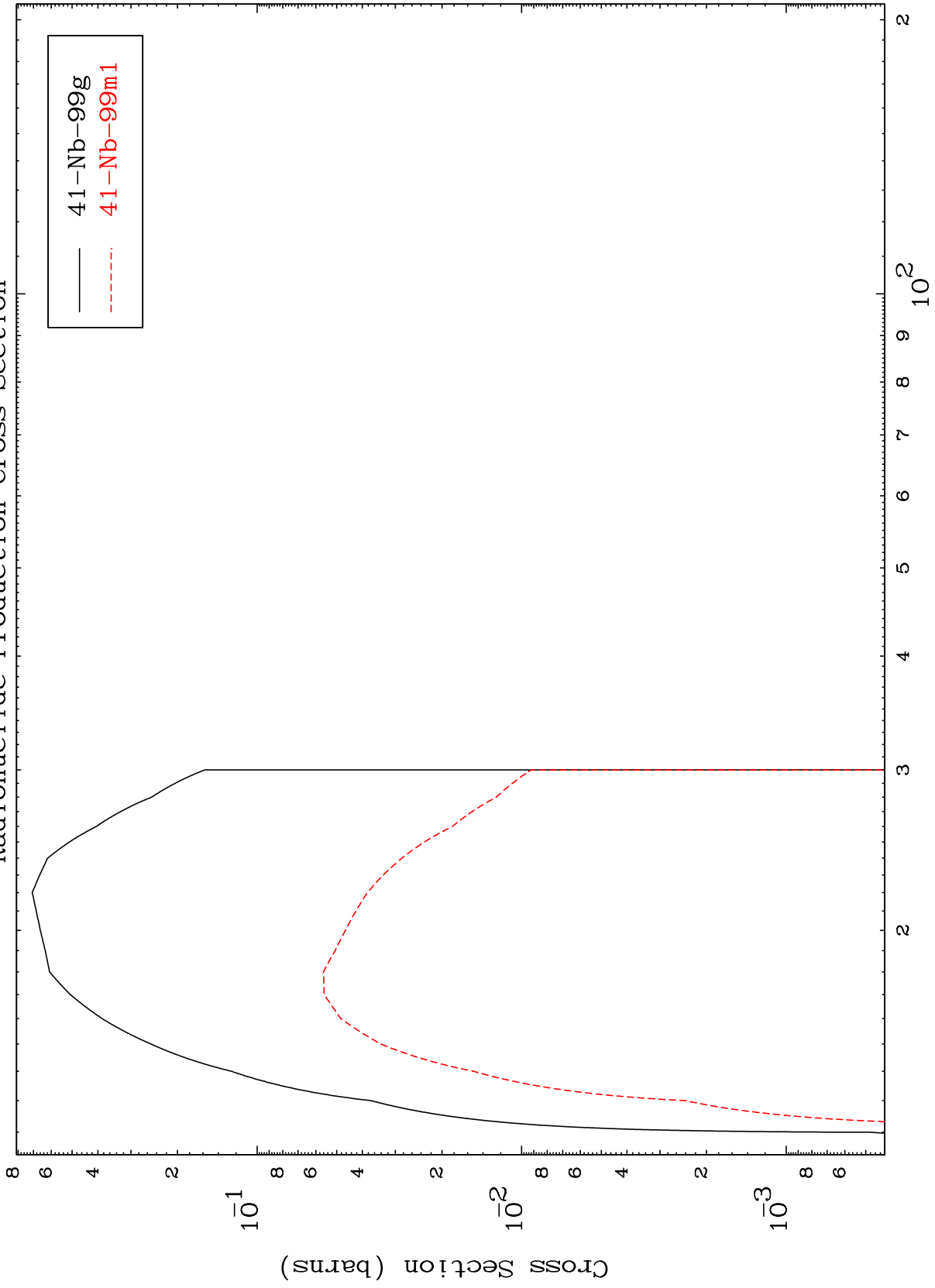
Incident Energy (MeV)

39-Y -98

MAT 3953

39-Y -98

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



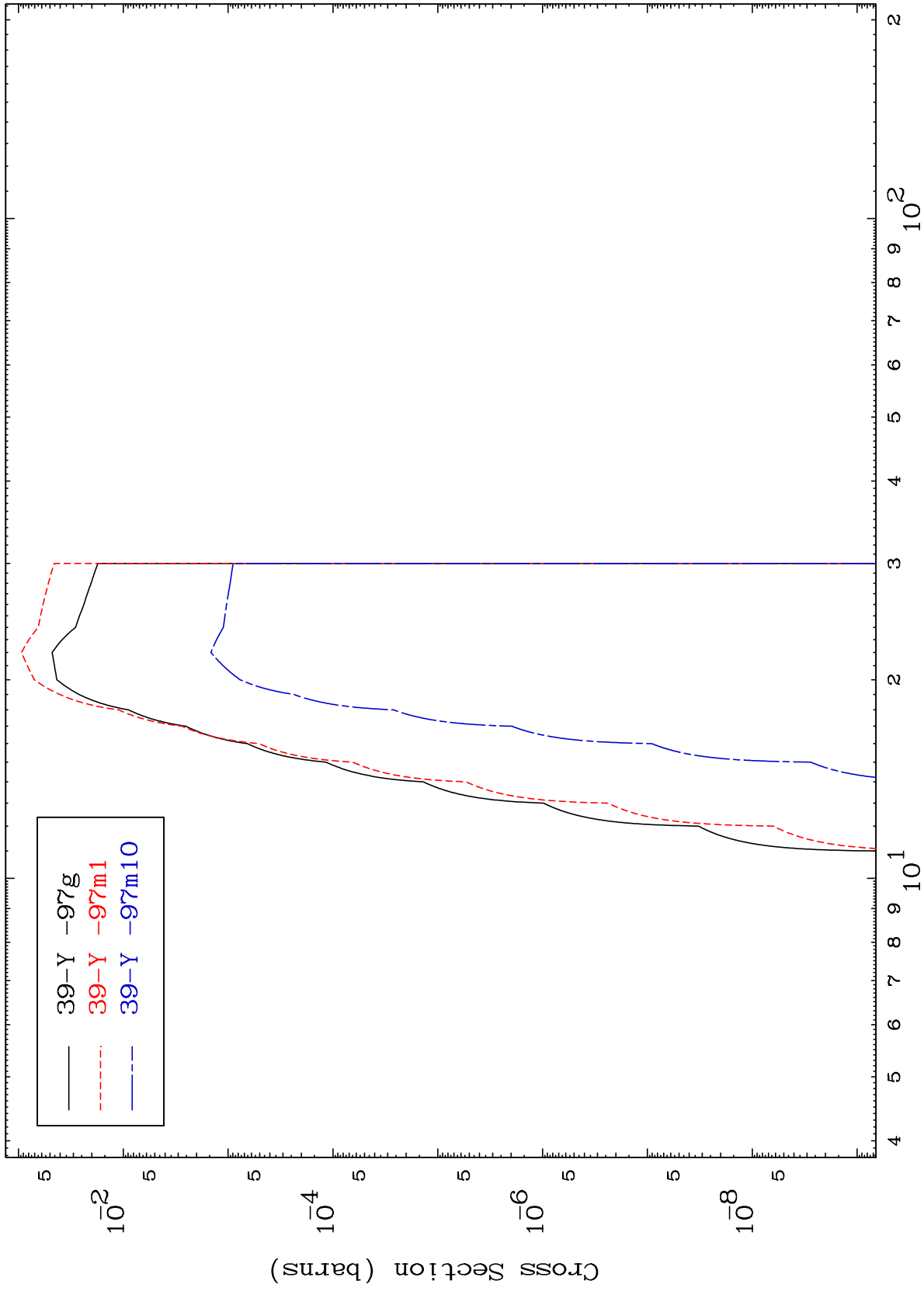
13

39-Y -98

MAT 3953

39-Y -98

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



14

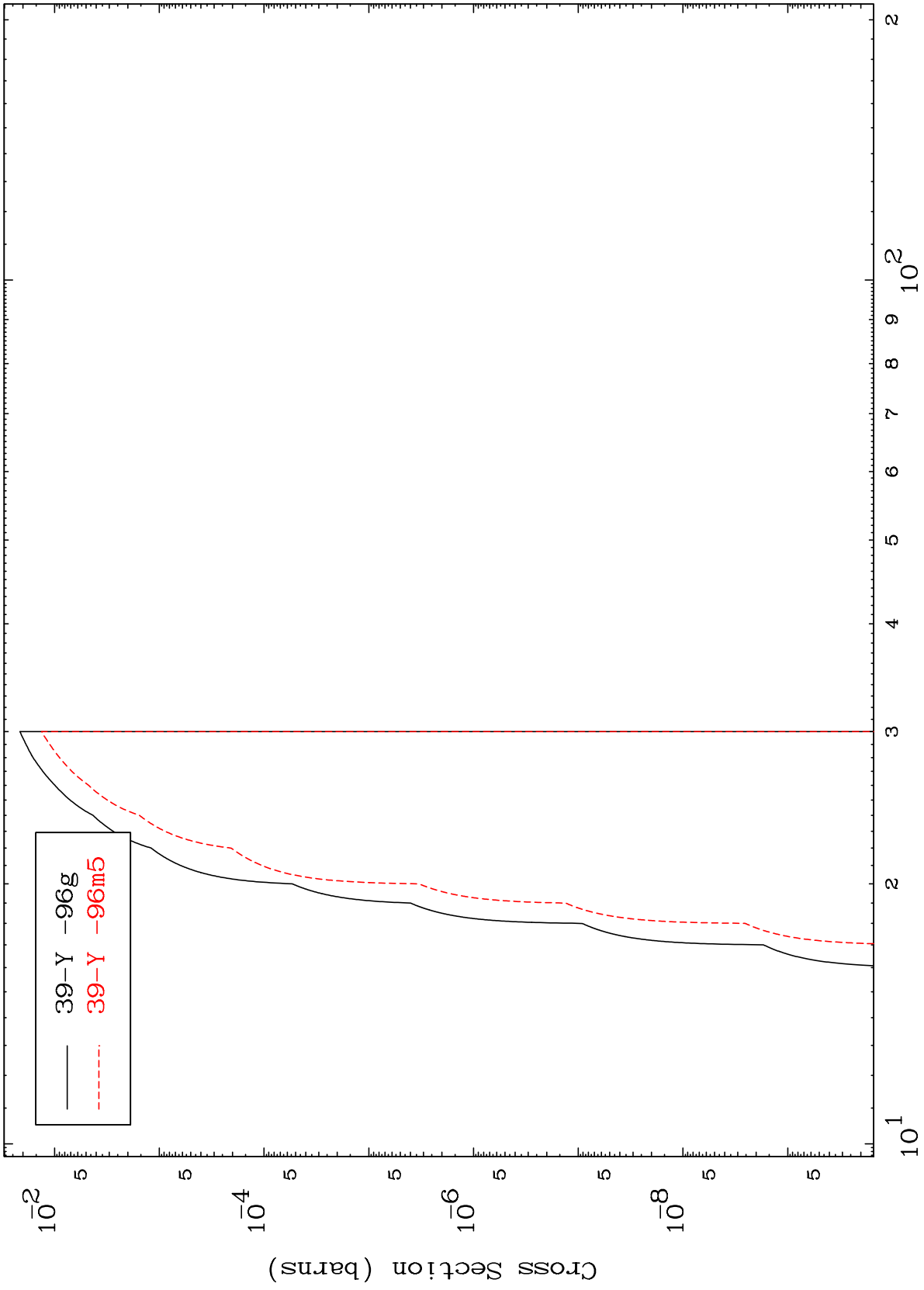
39-Y -98

MAT 3953

($\alpha, 2n$) α

39-Y -98

Radionuclide Production Cross Section



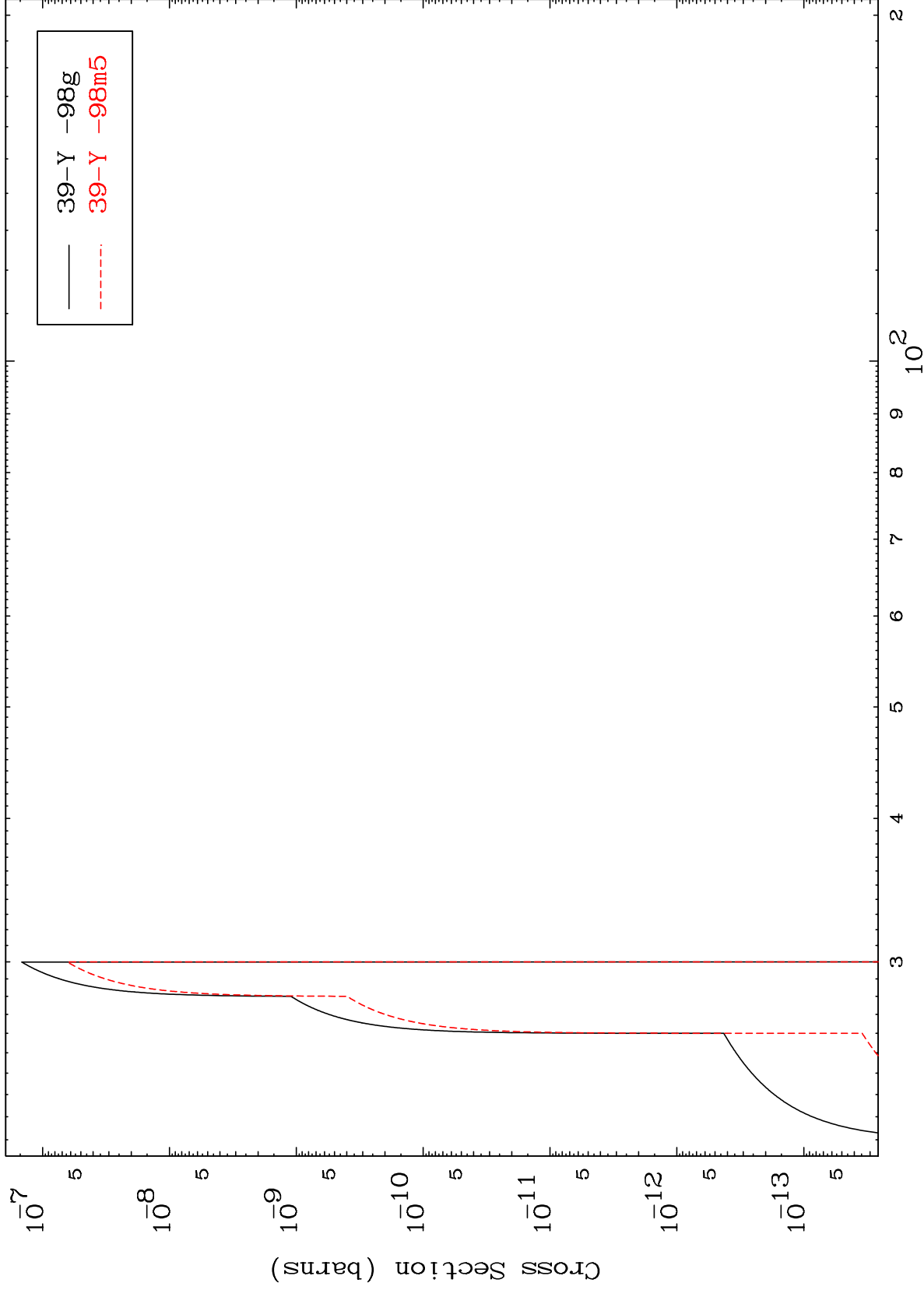
39-Y -96g
39-Y -96m5

15

Incident Energy (MeV)

39-Y -98

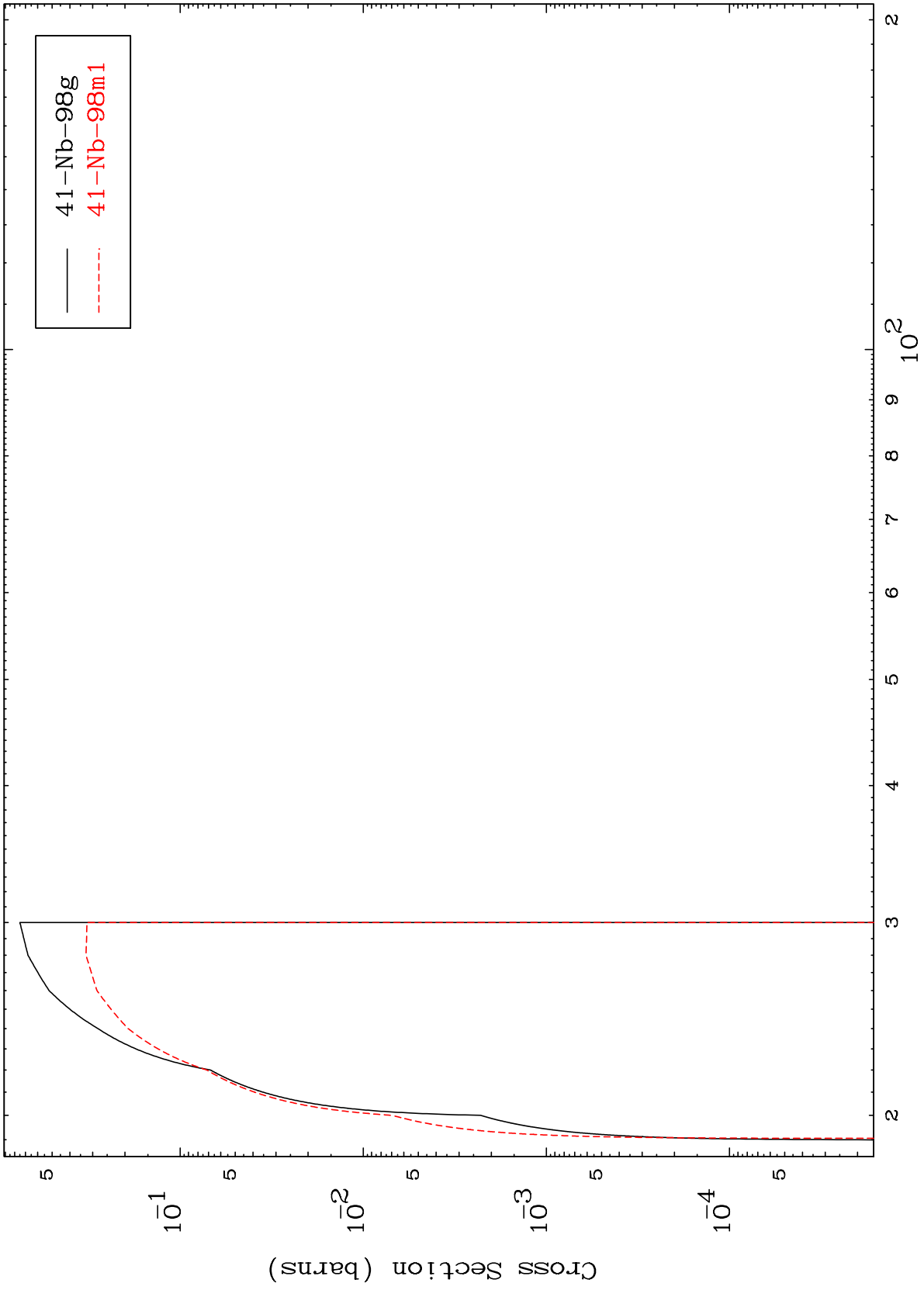
Radionuclide Production Cross Section



MAT 3953

39-Y -98

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



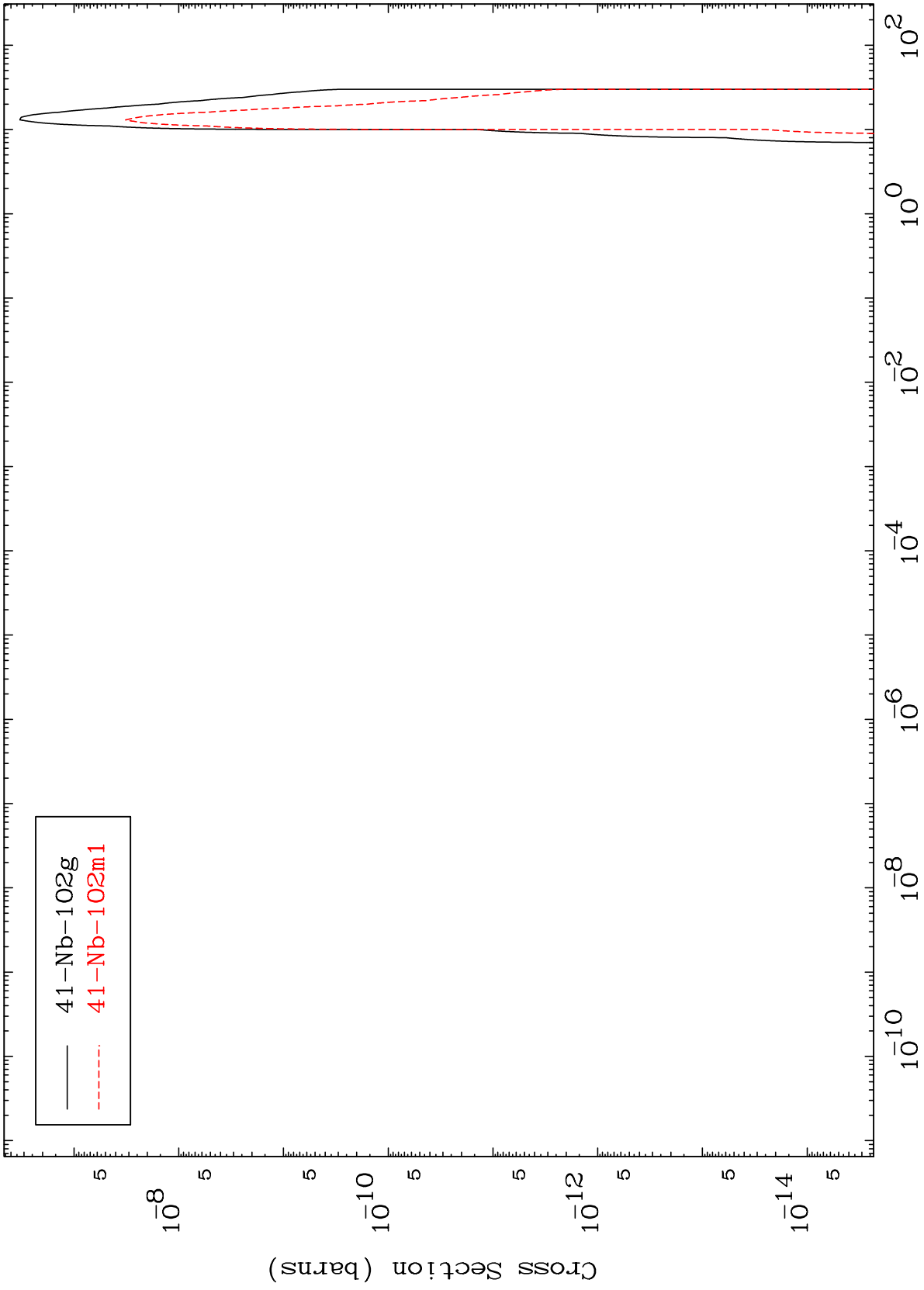
17

39-Y -98

MAT 3953

Radionuclide Production Cross Section
(α, γ)

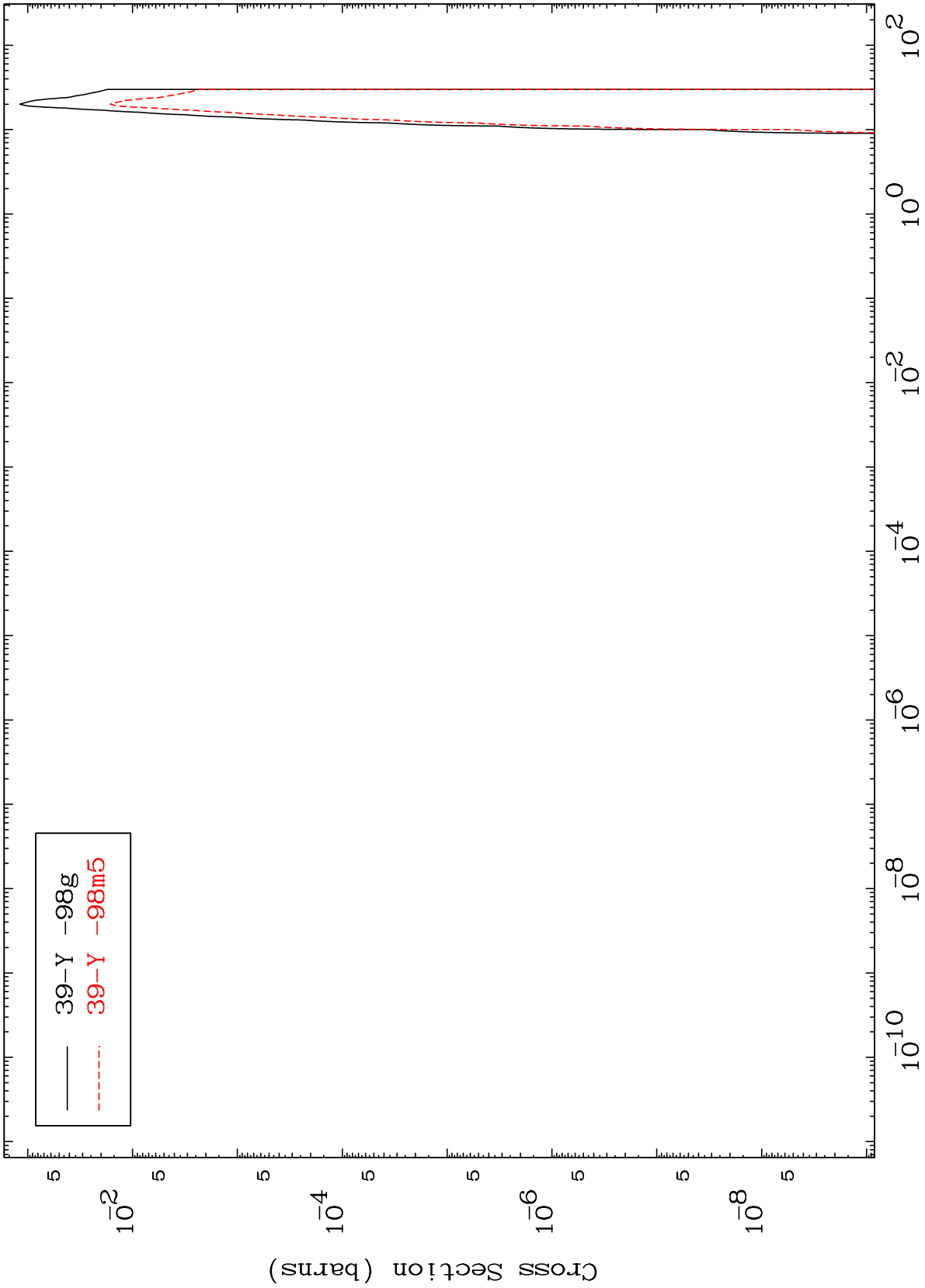
39-Y -98



MAT 3953

(α, α)
Radionuclide Production Cross Section

39-Y -98



19

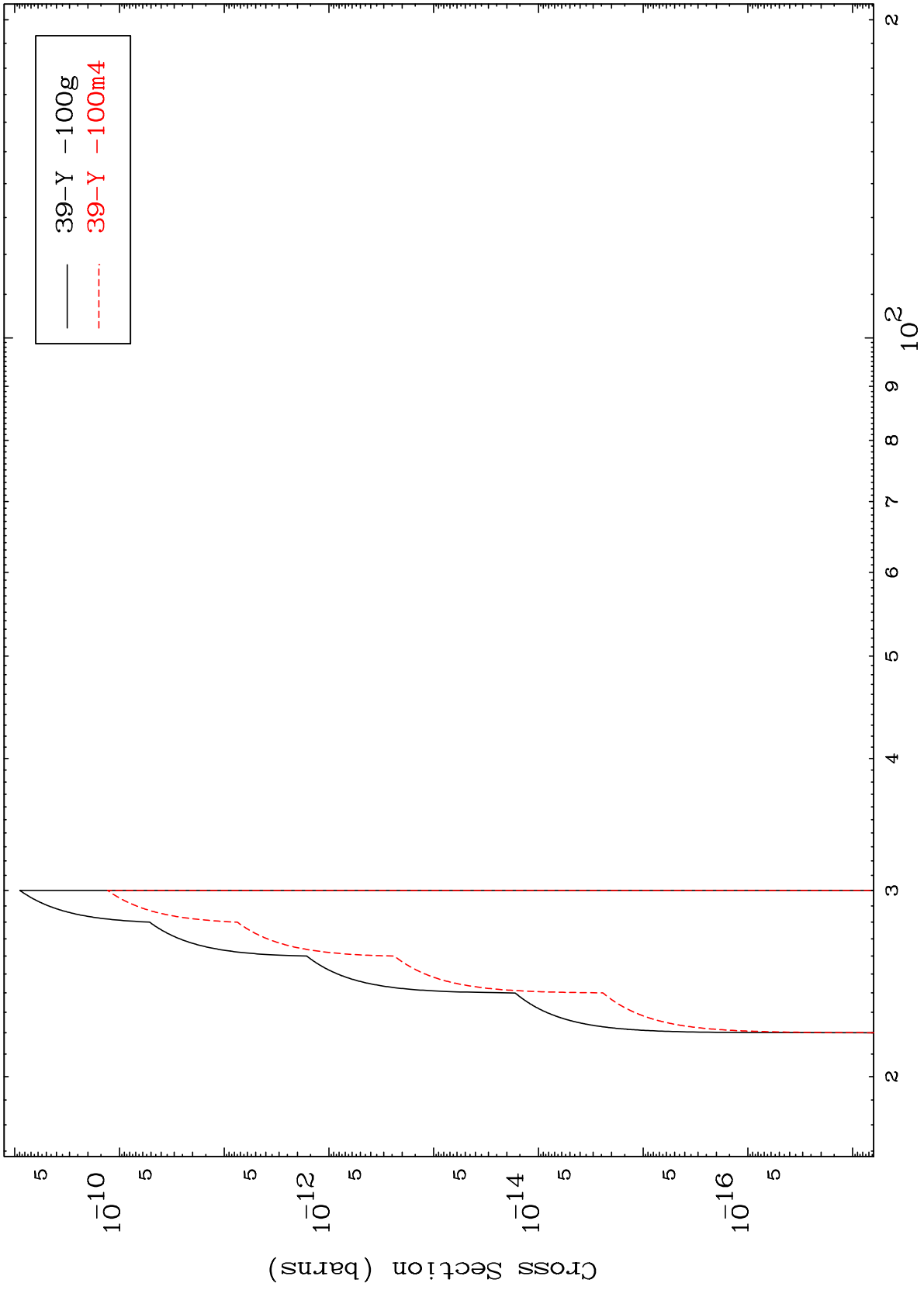
Incident Energy (MeV)

39-Y -98

MAT 3953

39-Y -98

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



20

Incident Energy (MeV)

39-Y -98