

Program EVALPLOT
(Version 2018-1)

by

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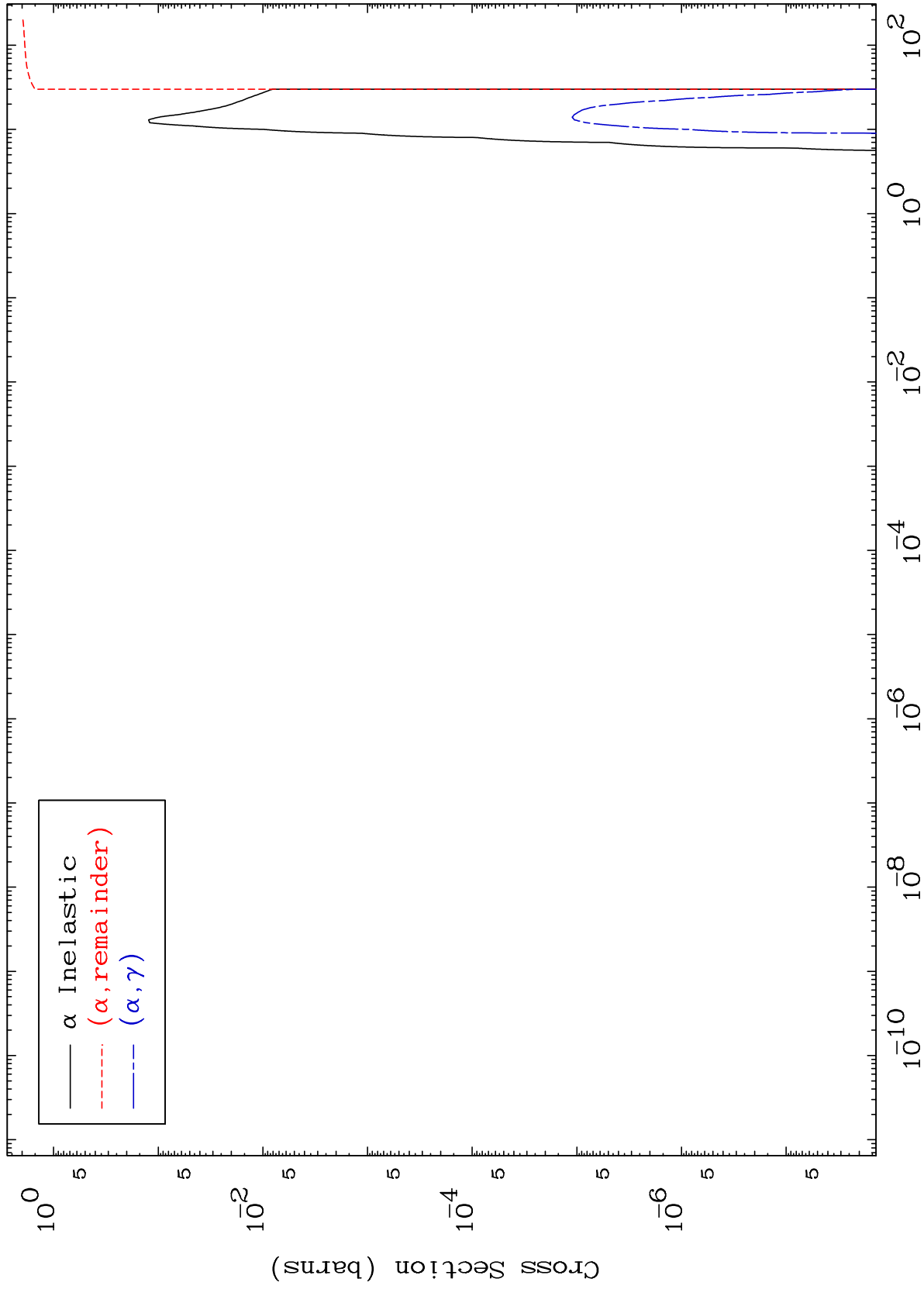
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3937

α Major
0 Kelvin Cross Sections

39-Y -93



1

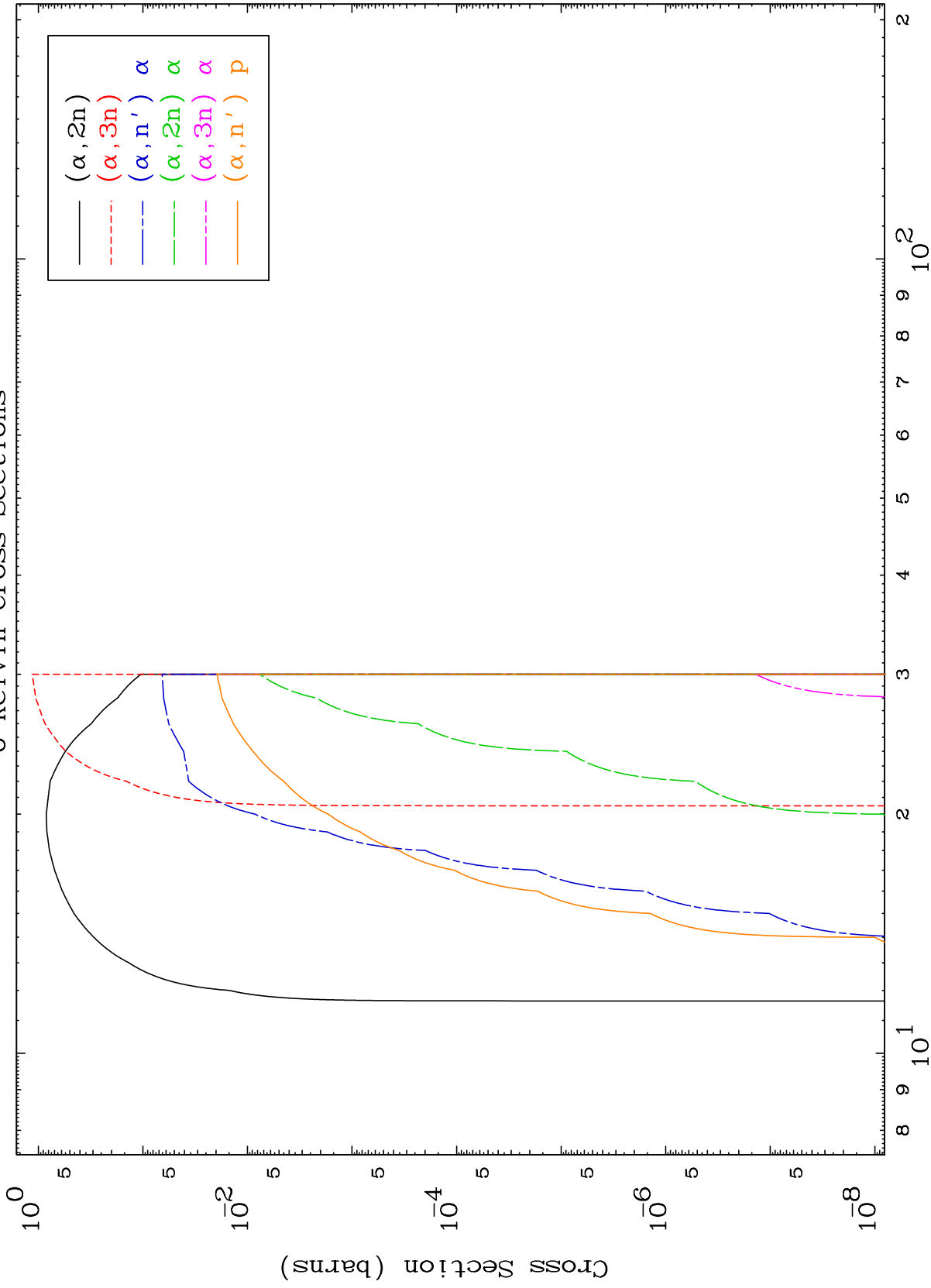
Incident Energy (MeV)

39-Y -93

MAT 3937

α Neutron Production
0 Kelvin Cross Sections

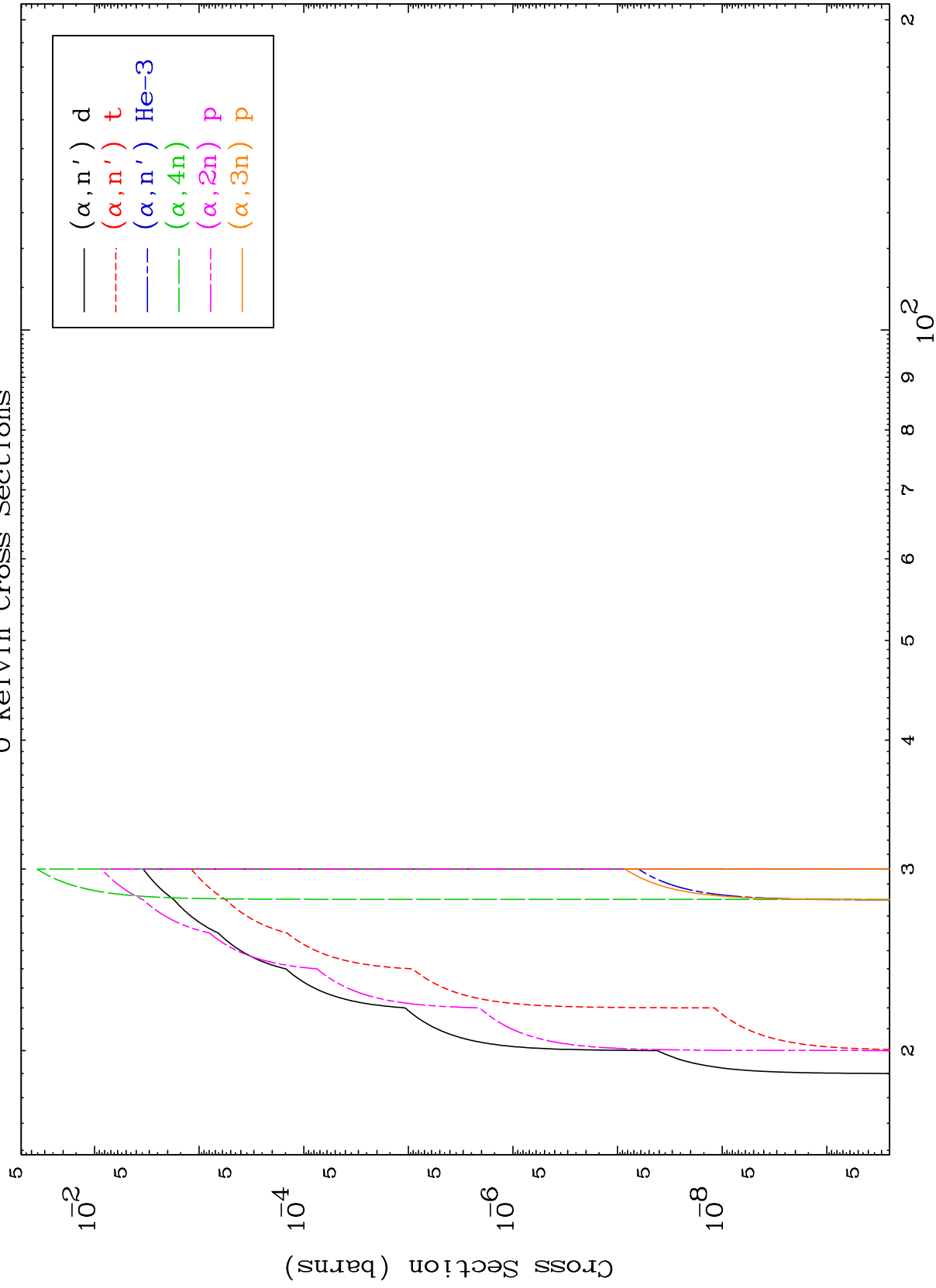
39-Y -93

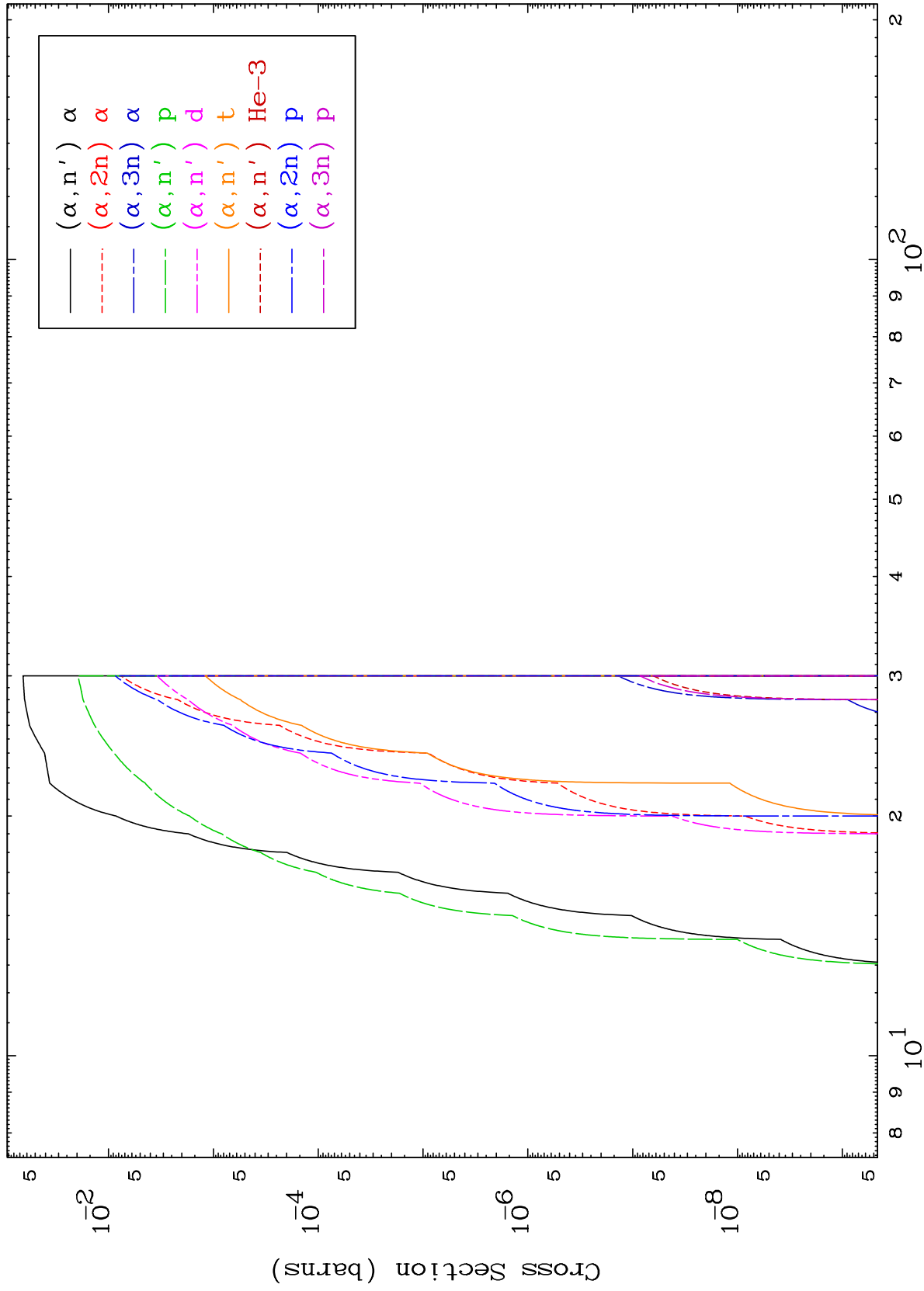


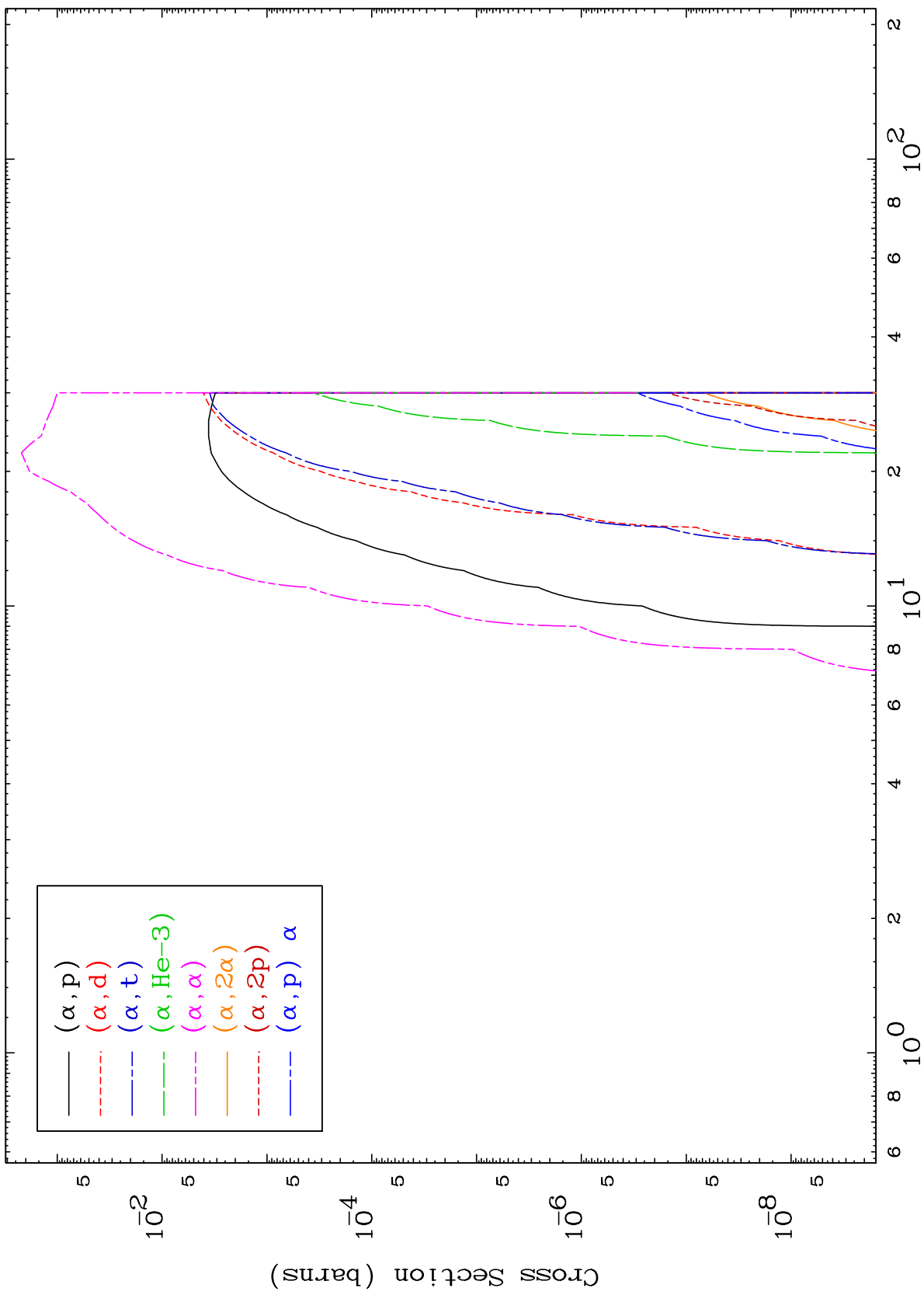
2

Incident Energy (MeV)

39-Y -93





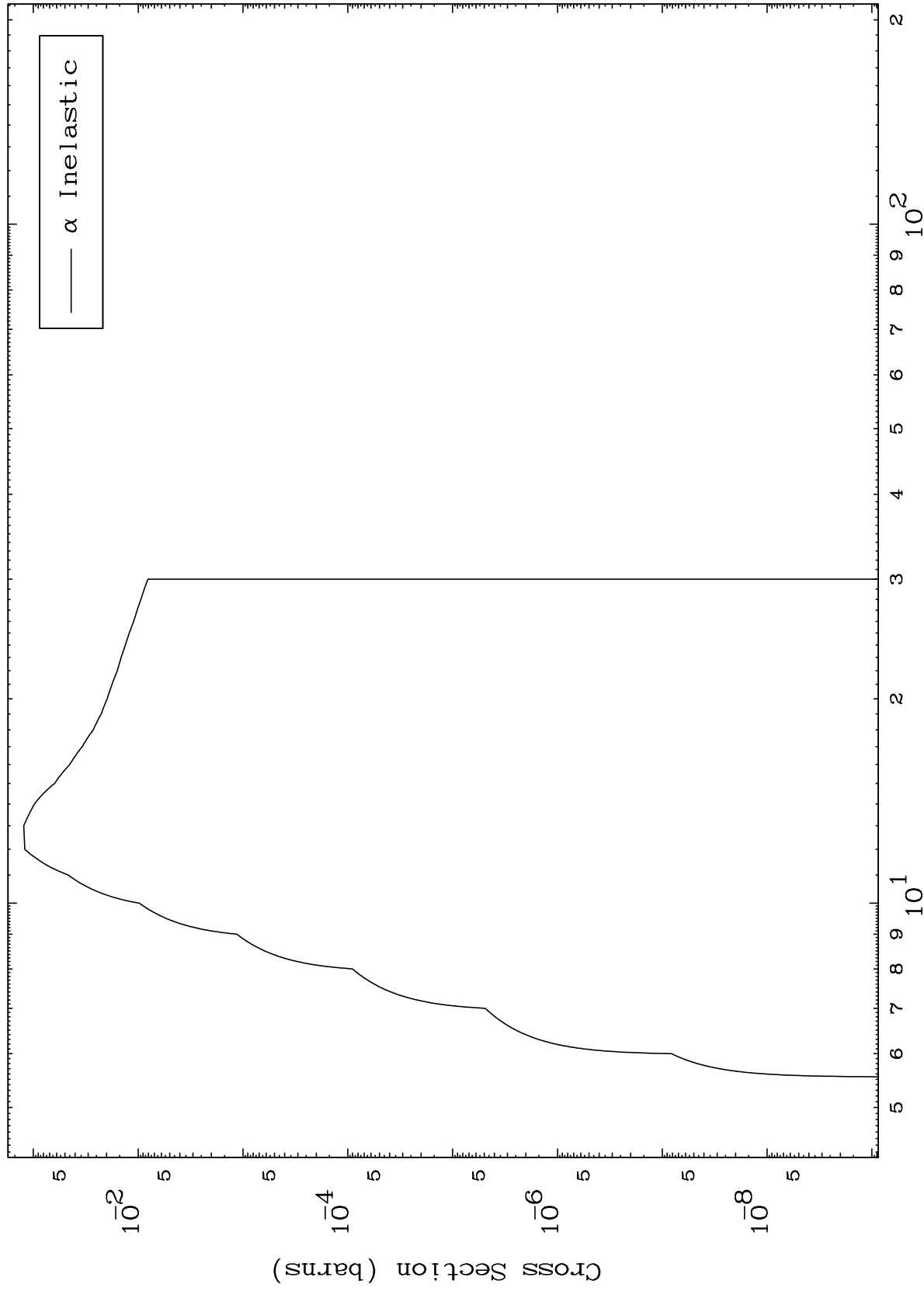


MAT 3937

(α, n') Level

39-Y -93

0 Kelvin Cross Sections



6

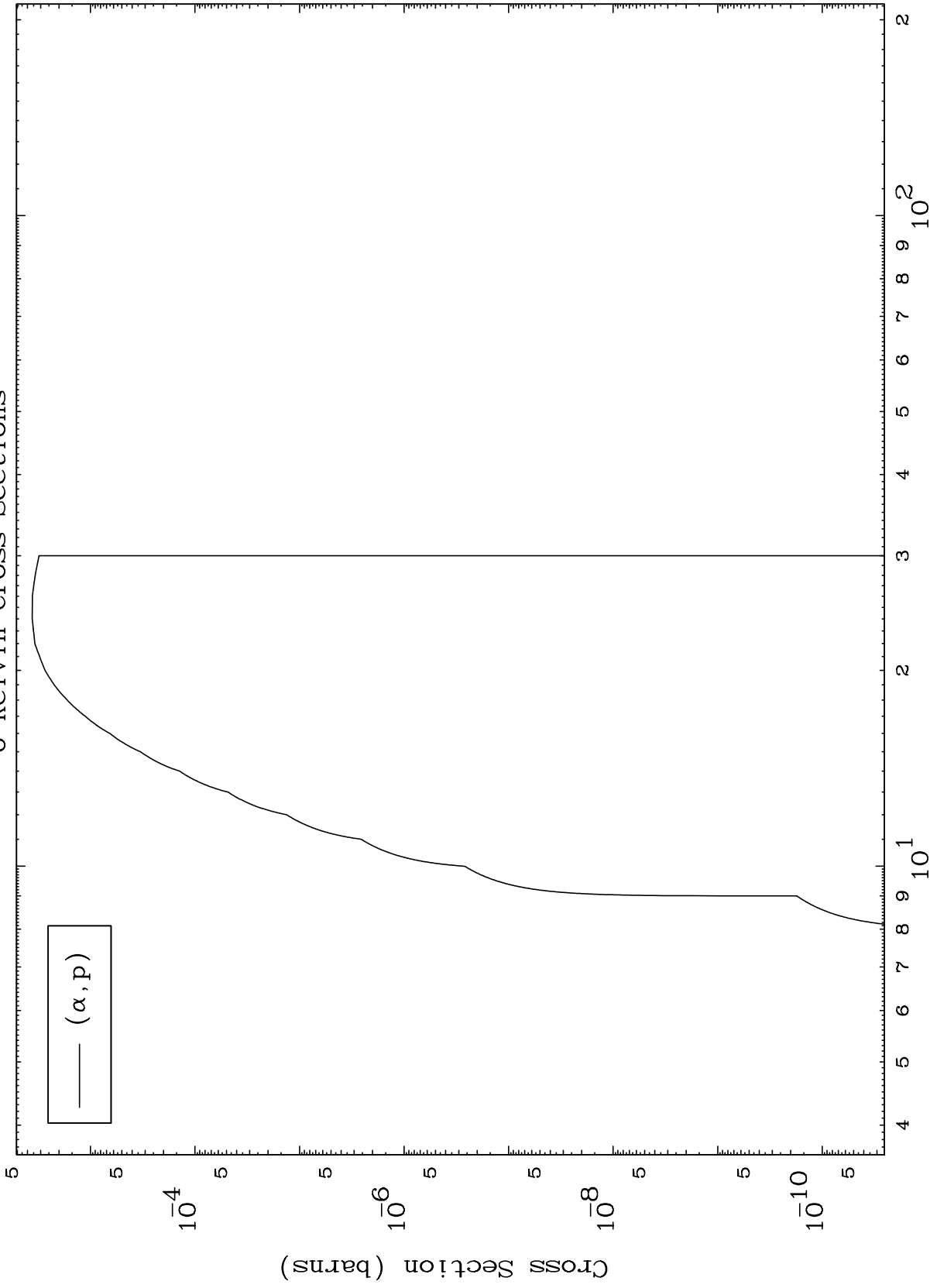
Incident Energy (MeV)

39-Y -93

MAT 3937

39-Y -93

(α ,p) Levels
0 Kelvin Cross Sections



7

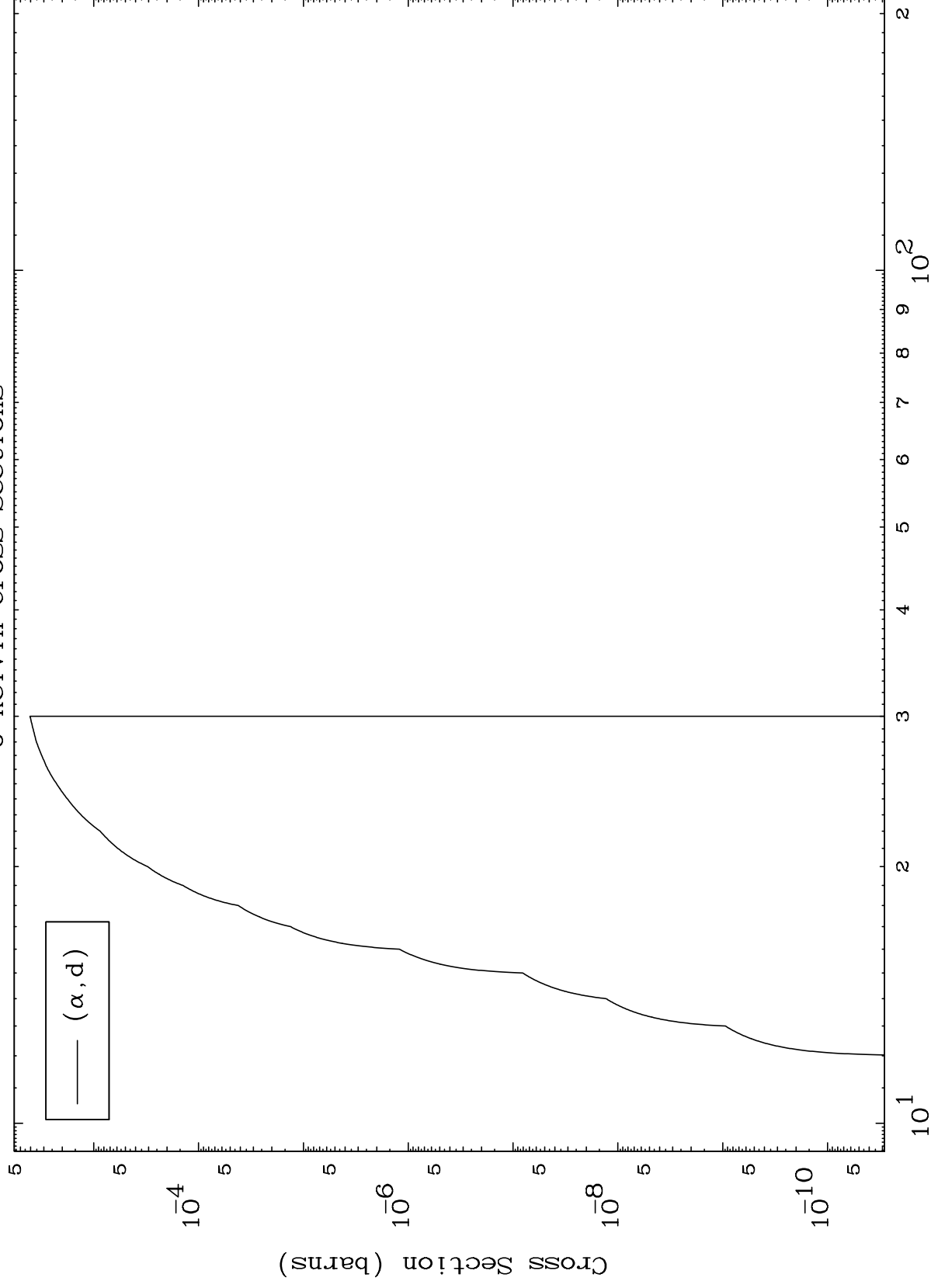
Incident Energy (MeV)

39-Y -93

MAT 3937

(α ,d) Levels
0 Kelvin Cross Sections

39-Y -93



8

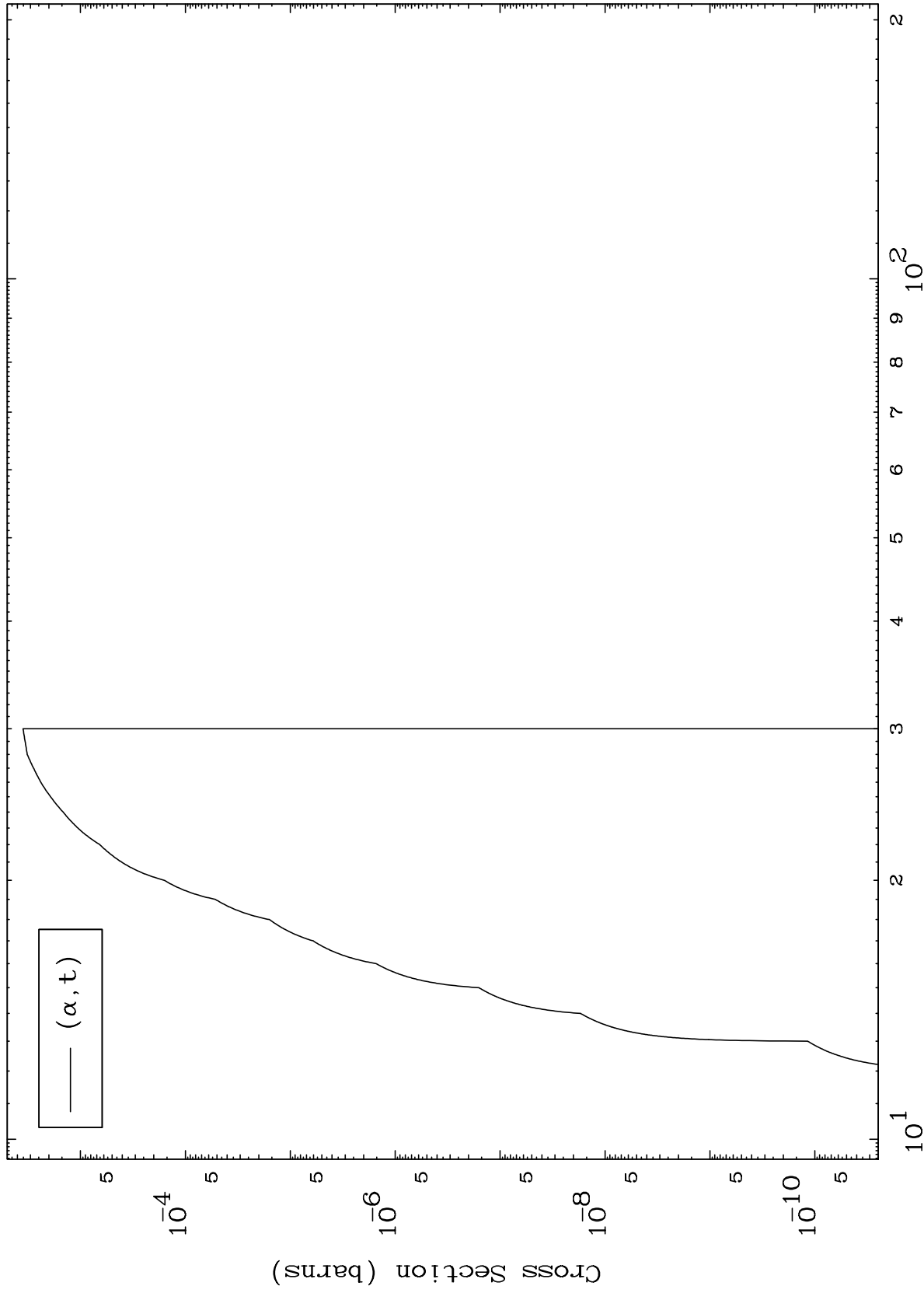
Incident Energy (MeV)

39-Y -93

MAT 3937

(α ,t) Levels
0 Kelvin Cross Sections

39-Y -93



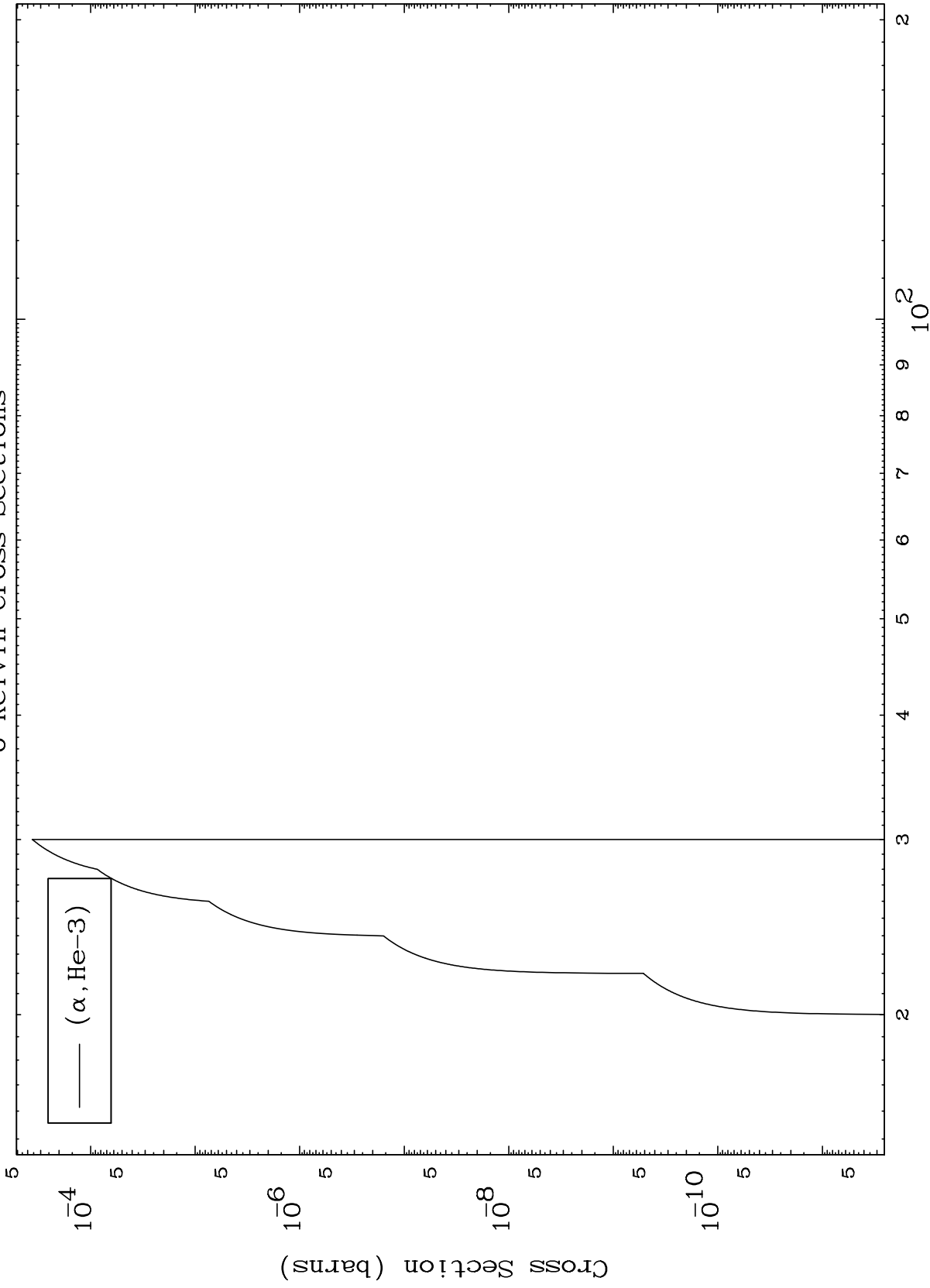
Incident Energy (MeV)

39-Y -93

MAT 3937

(α ,He3) Levels
0 Kelvin Cross Sections

39-Y -93



10

Incident Energy (MeV)

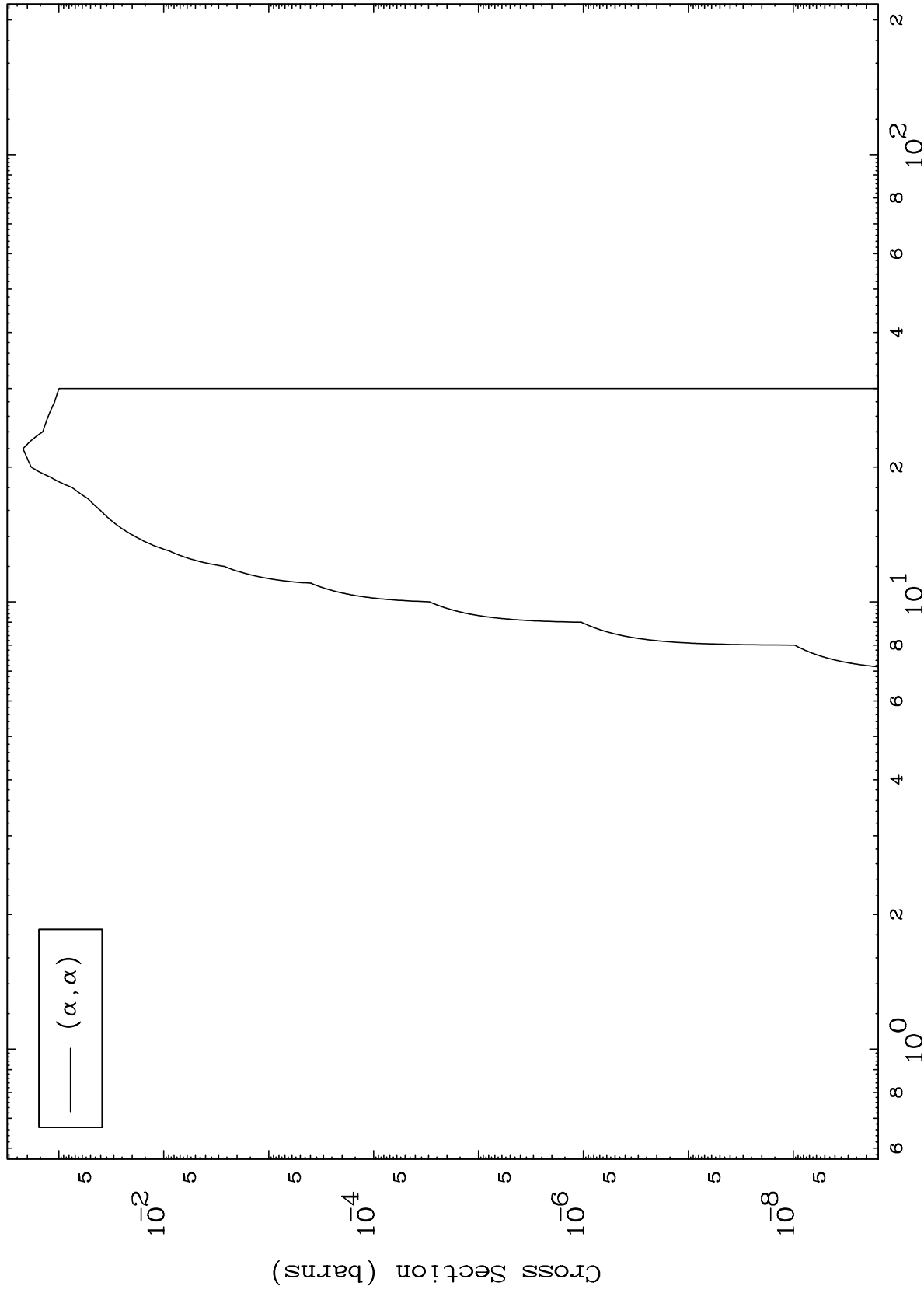
39-Y -93

MAT 3937

(α, α) Levels

39-Y -93

0 Kelvin Cross Sections



11

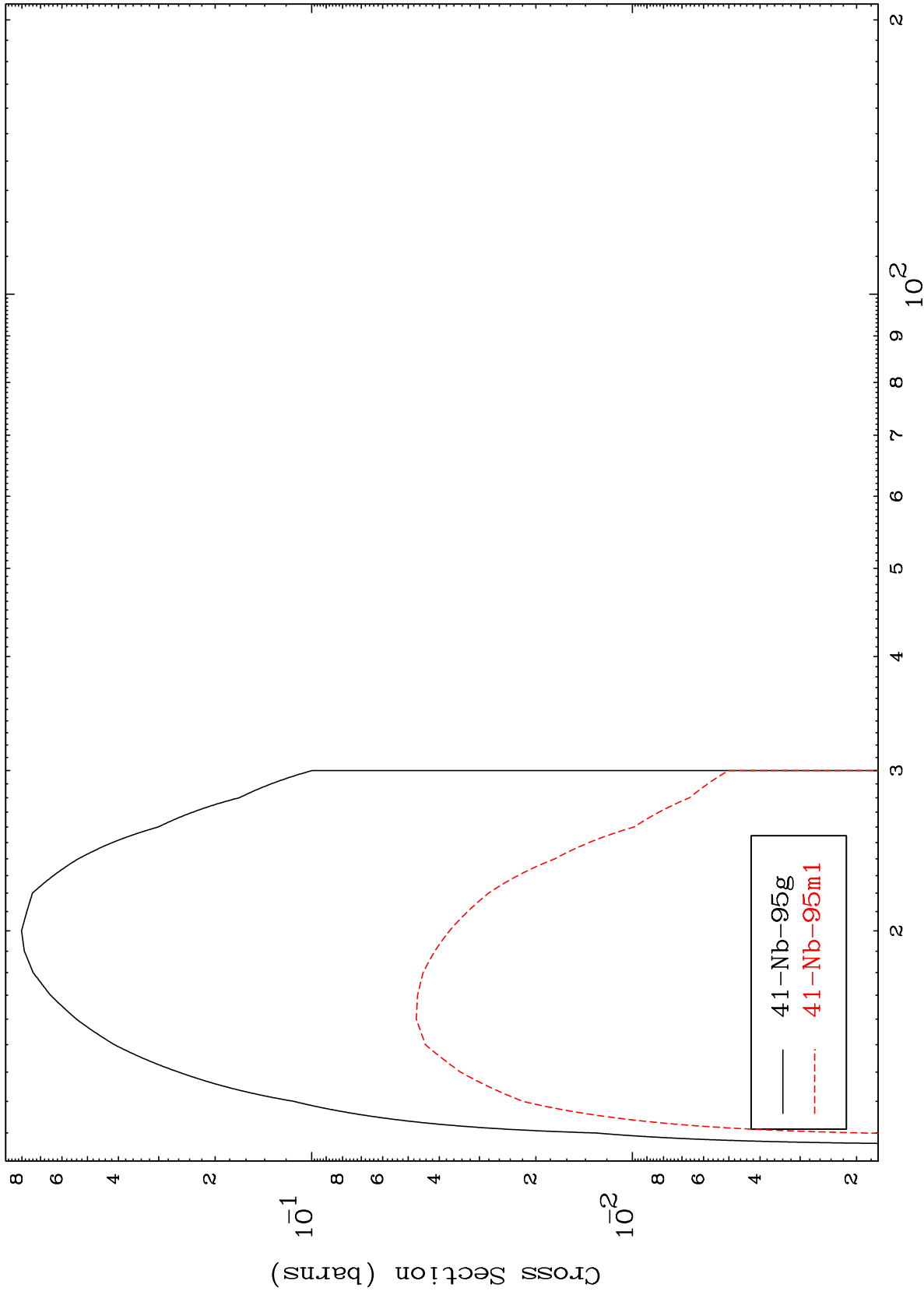
Incident Energy (MeV)

39-Y -93

MAT 3937

39-Y -93

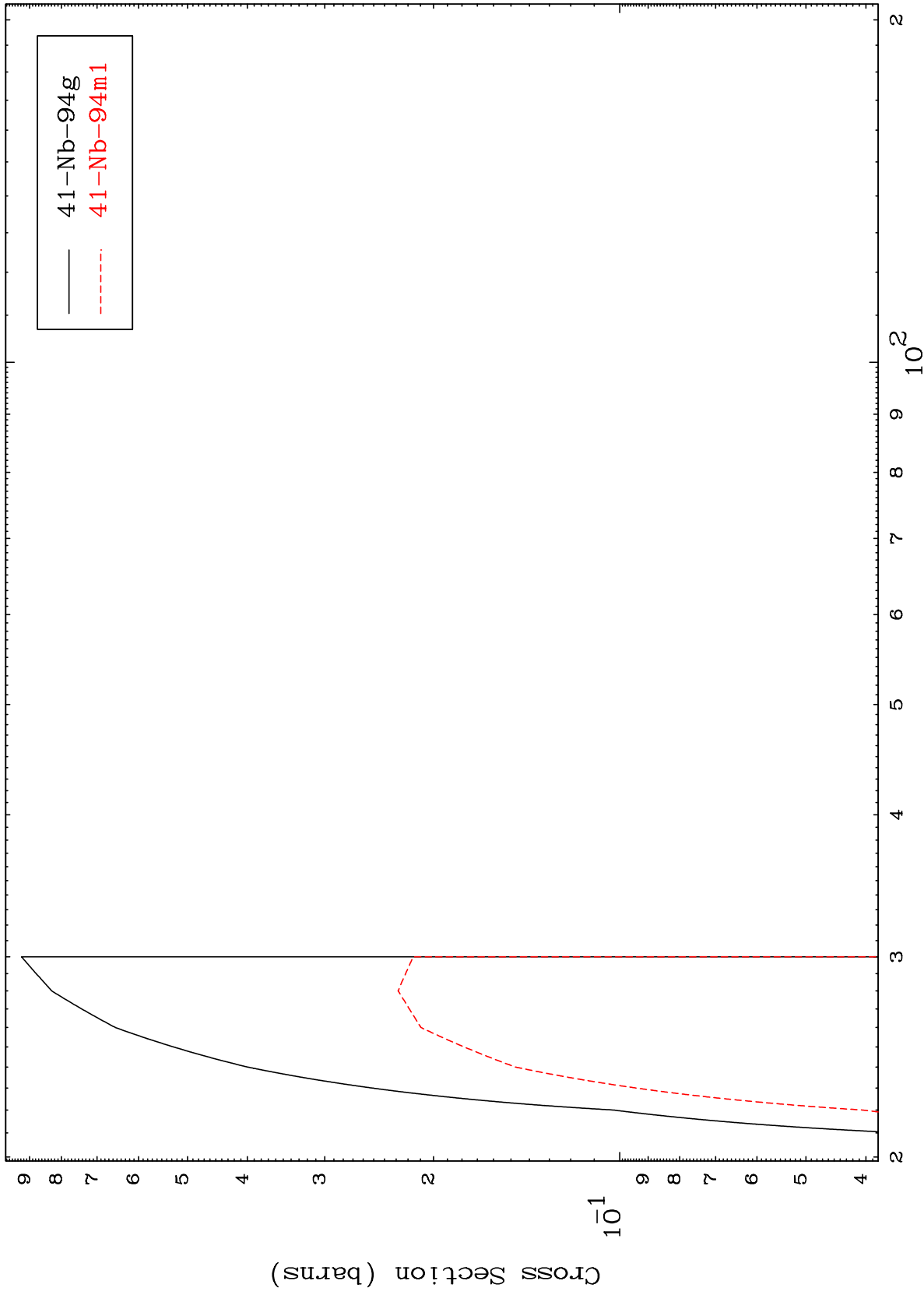
$(\alpha, 2n)$
Radionuclide Production Cross Section



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39-Y -93

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



13

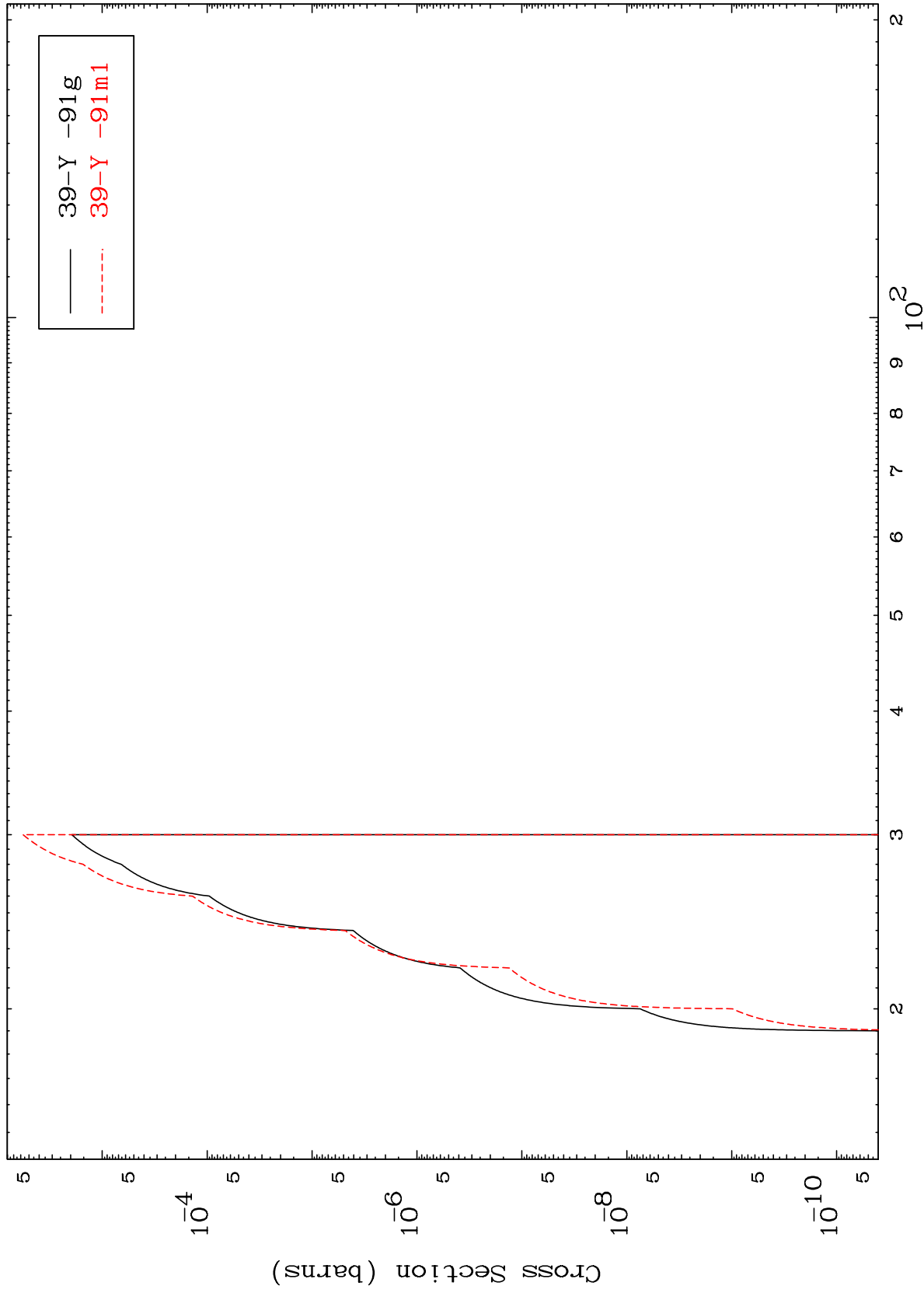
39-Y -93

MAT 3937

$(\alpha, 2n) \alpha$

39-Y -93

Radionuclide Production Cross Section



14

Incident Energy (MeV)

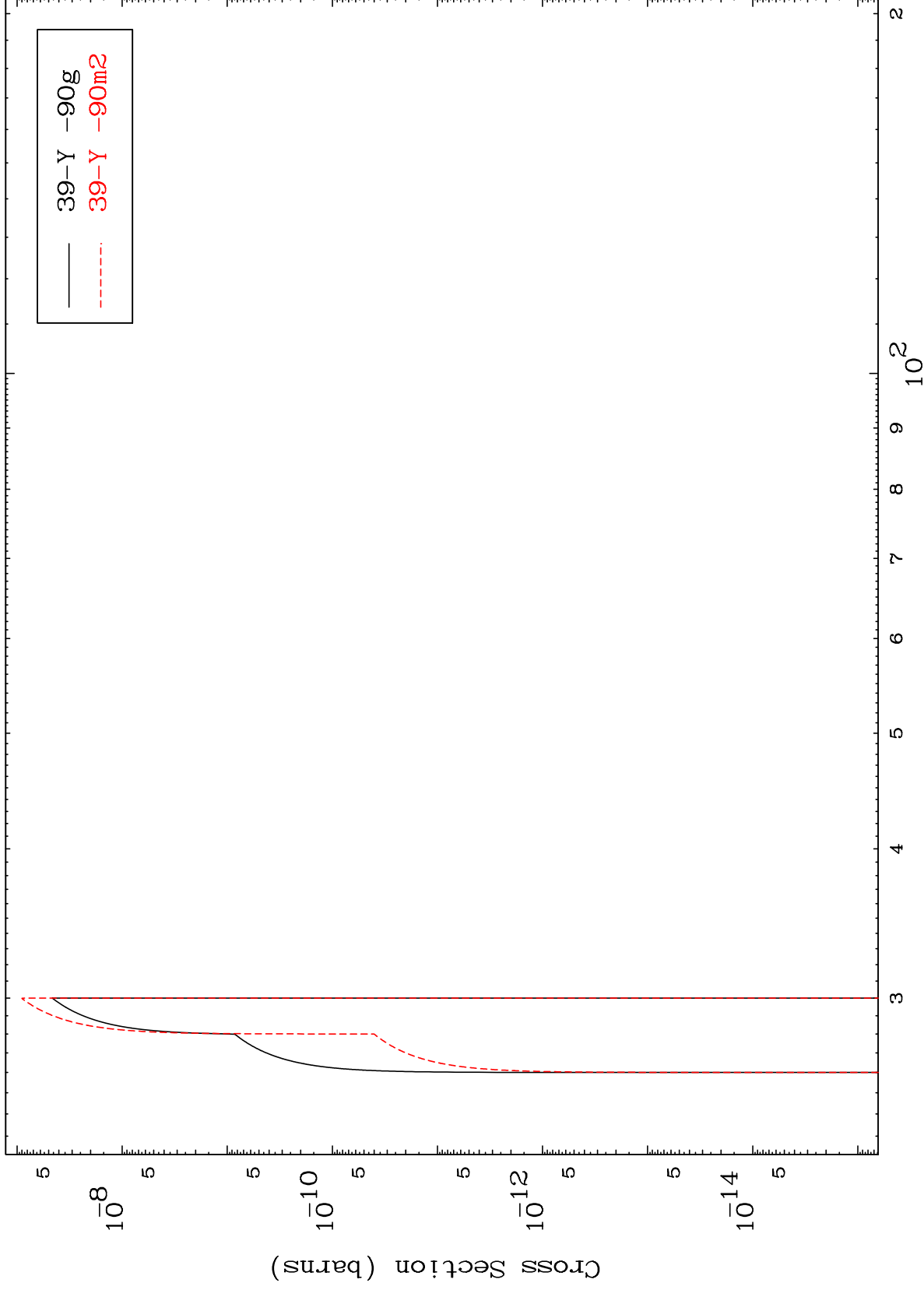
39-Y -93

MAT 3937

$(\alpha, 3n) \alpha$

39-Y -93

Radionuclide Production Cross Section



15

Incident Energy (MeV)

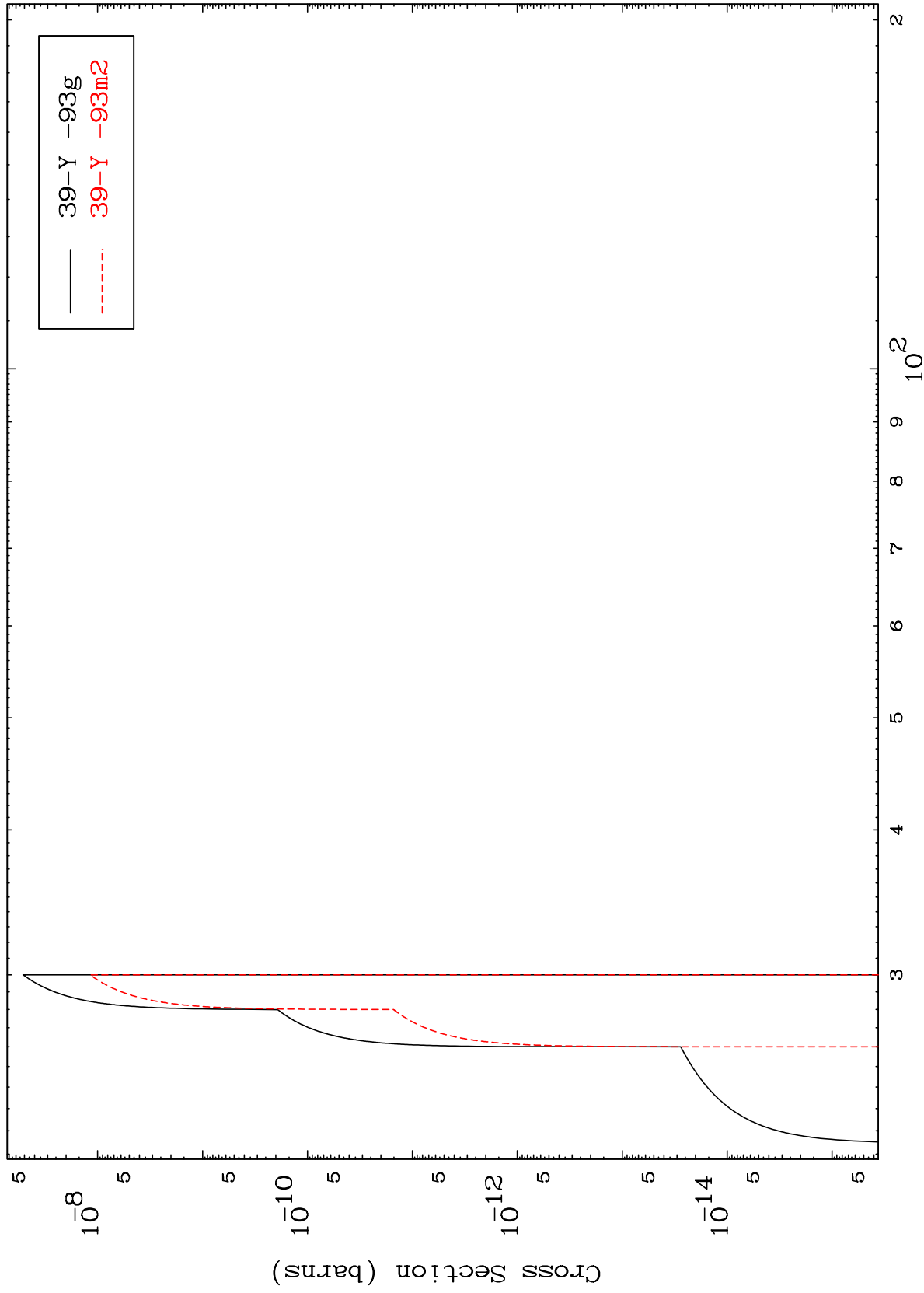
39-Y -93

MAT 3937

(α, n') He-3

39-Y -93

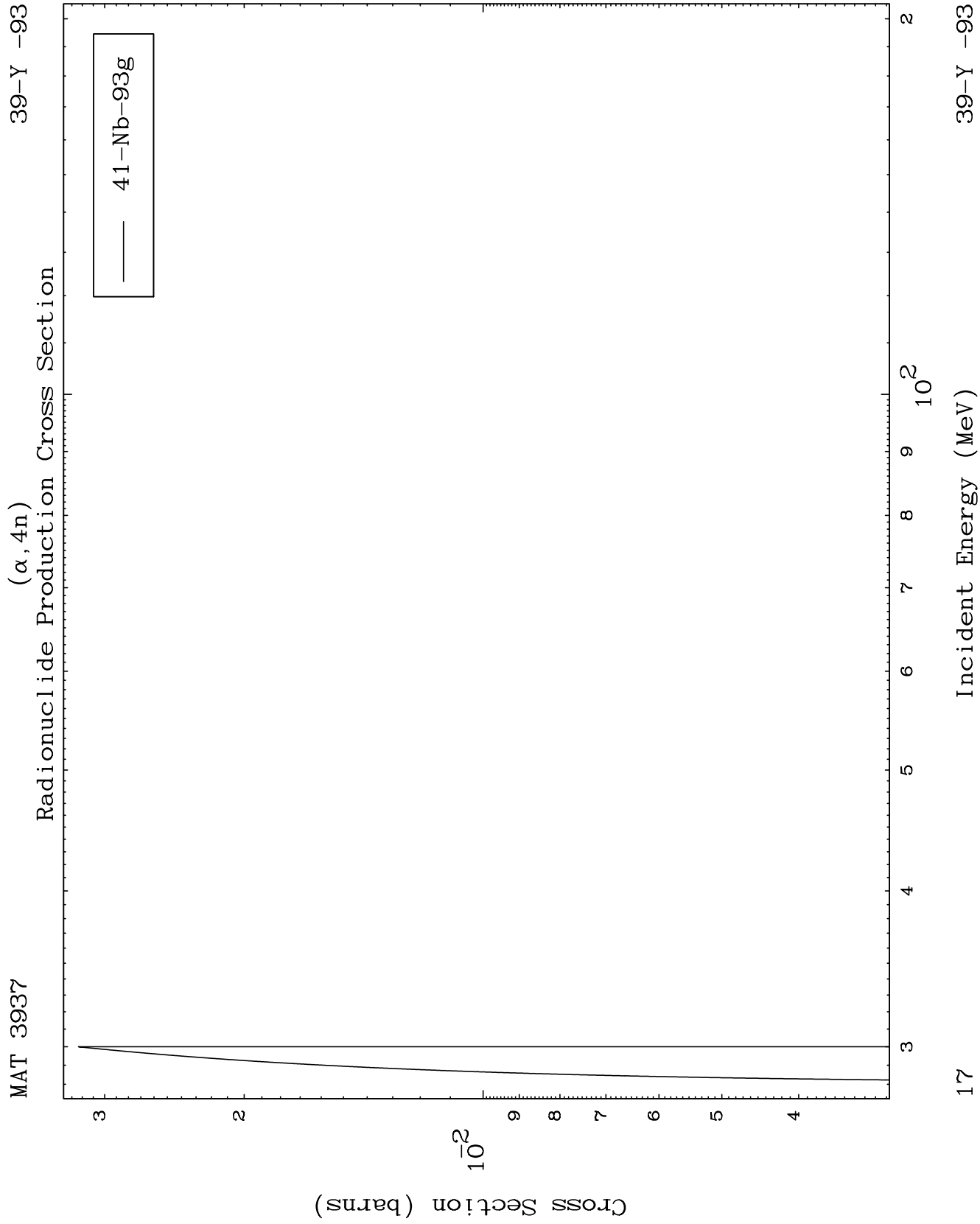
Radionuclide Production Cross Section



16

Incident Energy (MeV)

39-Y -93

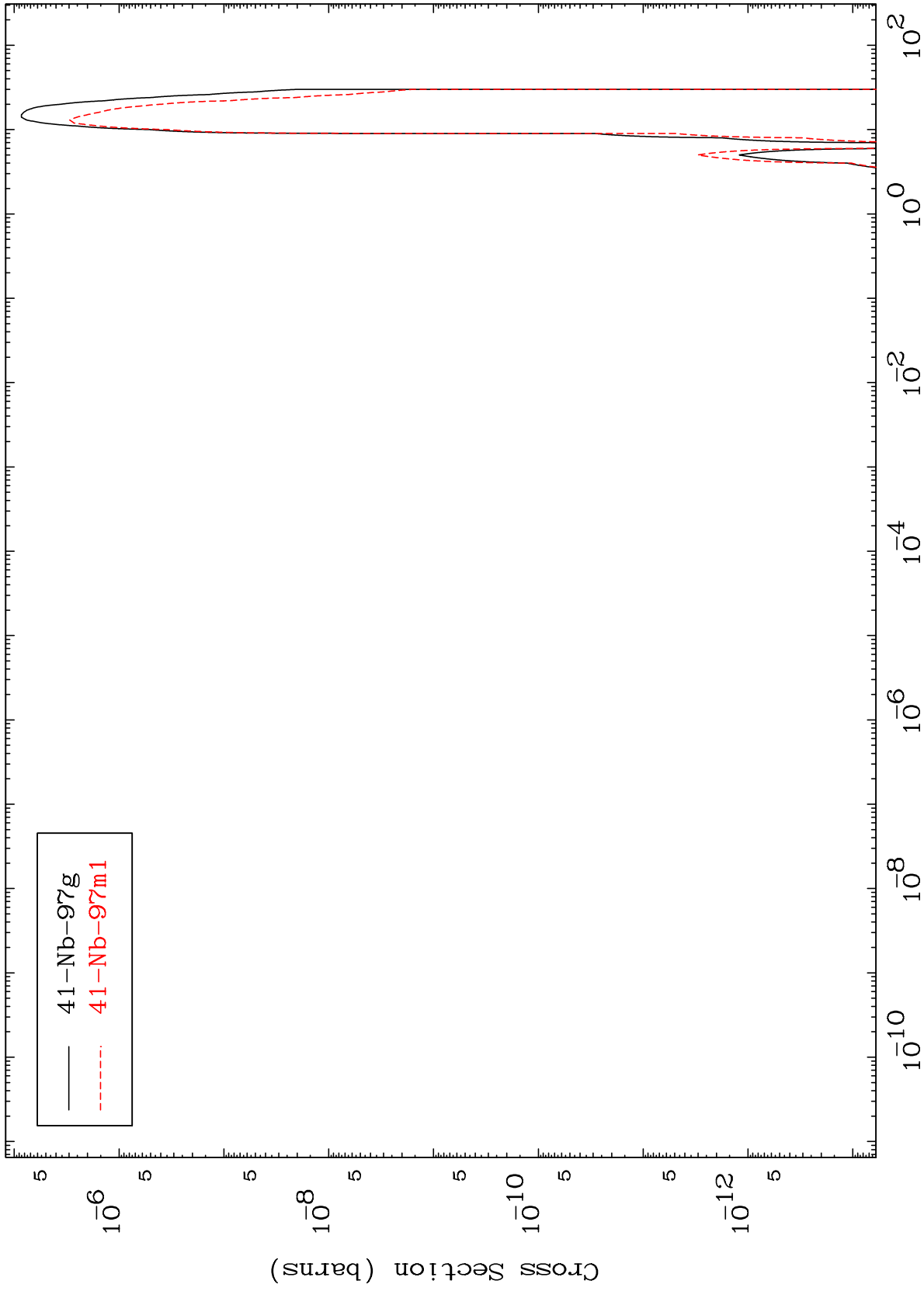


MAT 3937

(α, γ)

39-Y -93

Radionuclide Production Cross Section



18

Incident Energy (MeV)

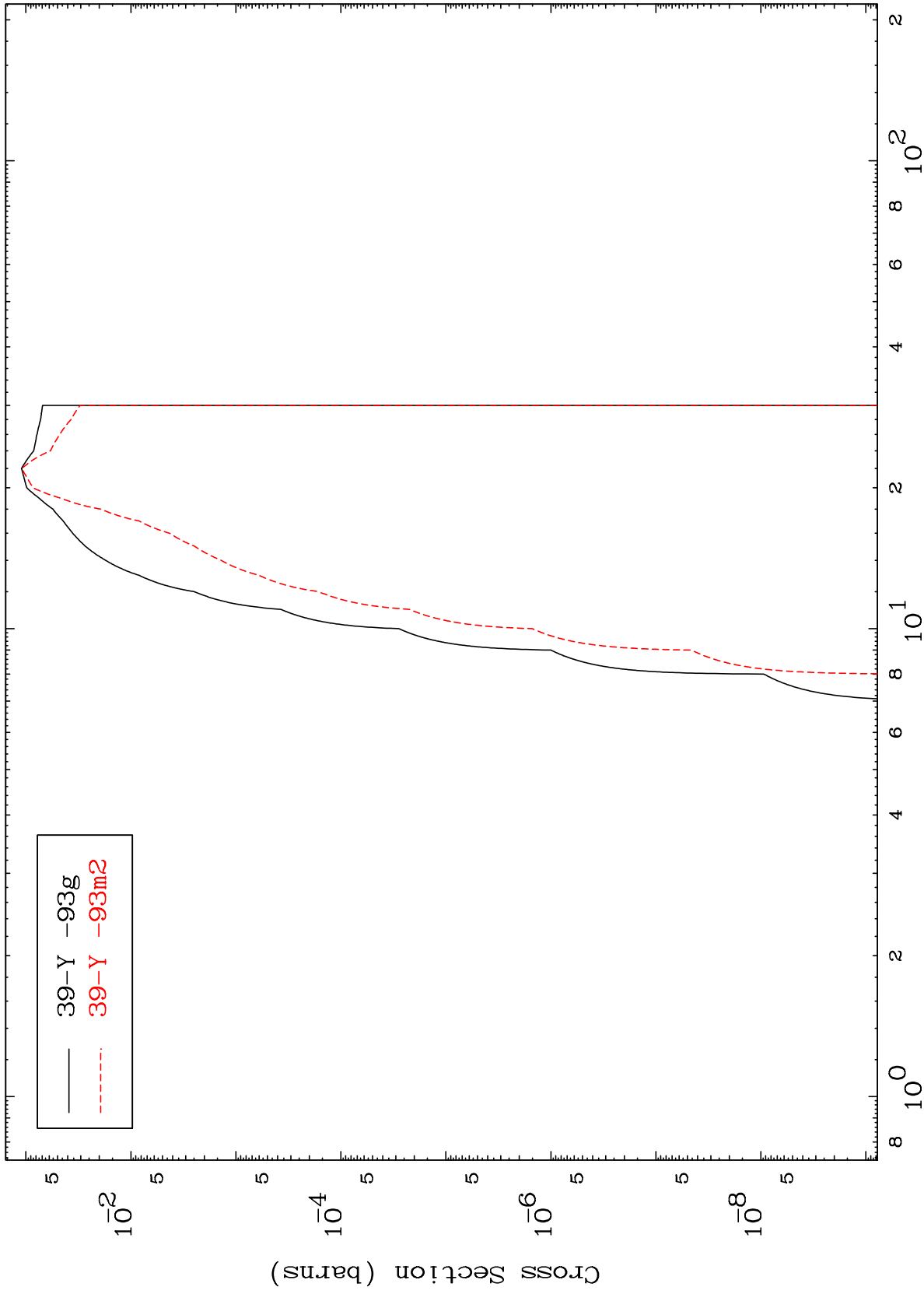
39-Y -93

MAT 3937

(α, α)

39-Y -93

Radionuclide Production Cross Section



19

Incident Energy (MeV)

39-Y -93