

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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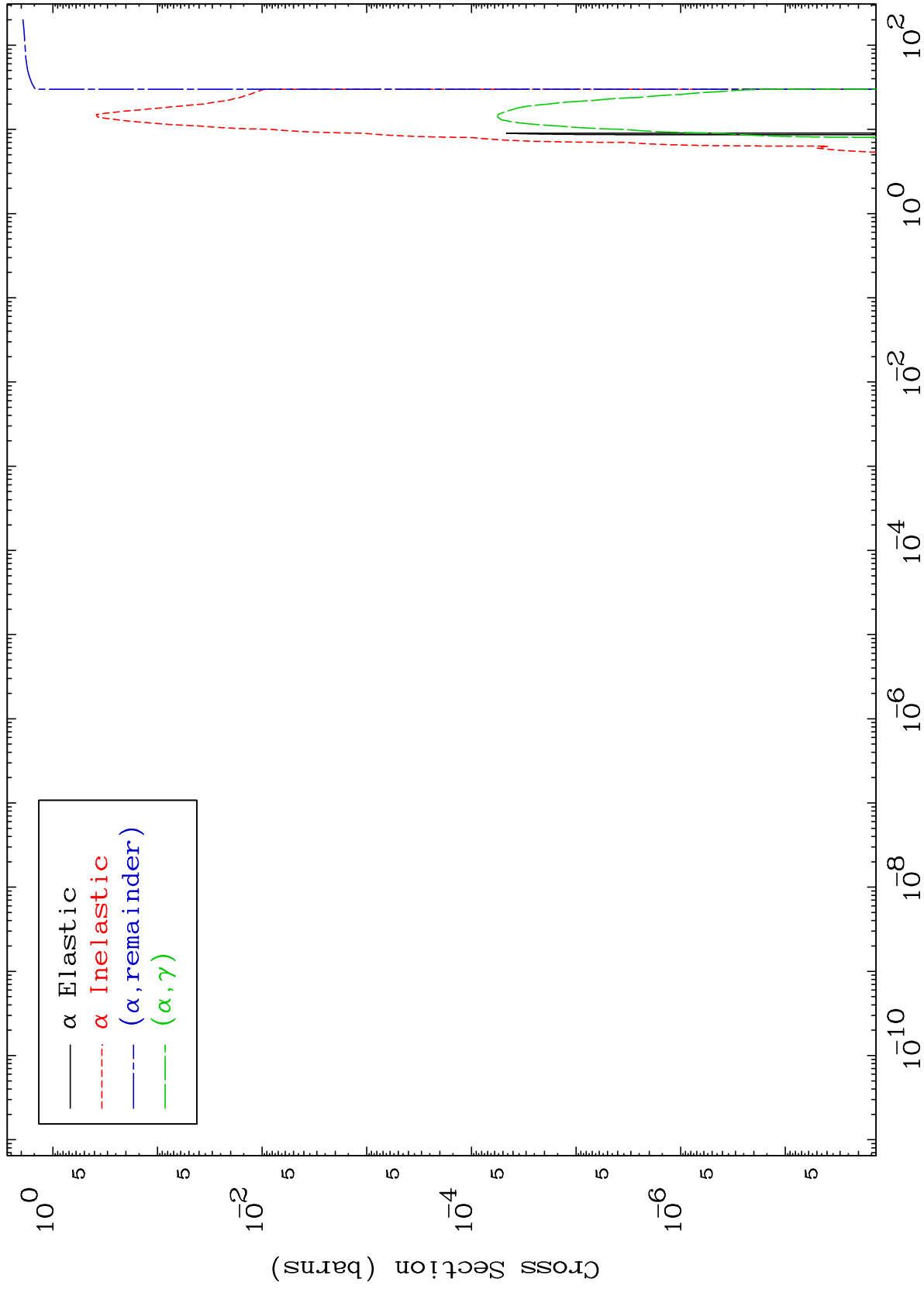
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3928

0 Kelvin α Major

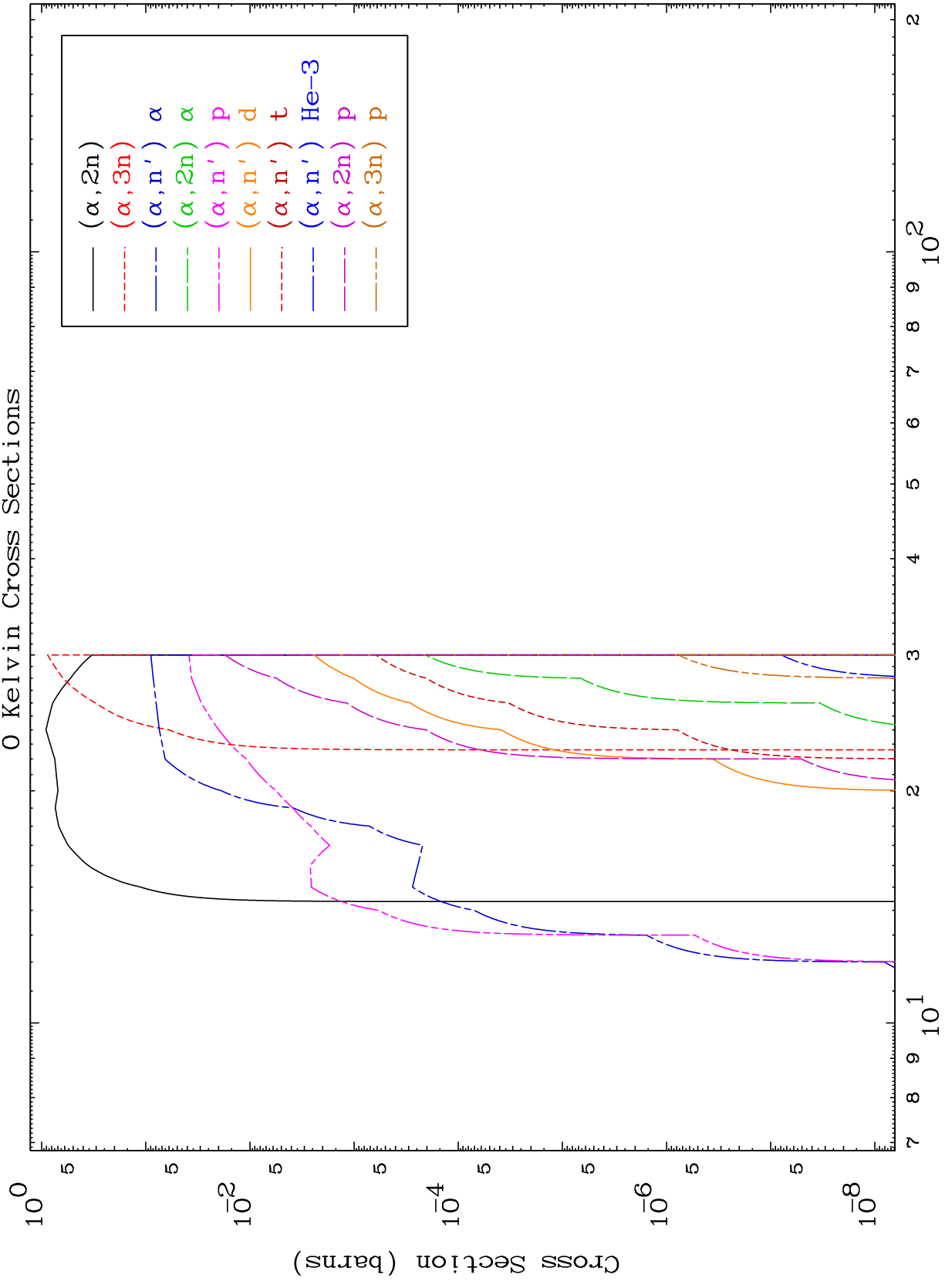
39-Y -90



MAT 3928

α Neutron Production
0 Kelvin Cross Sections

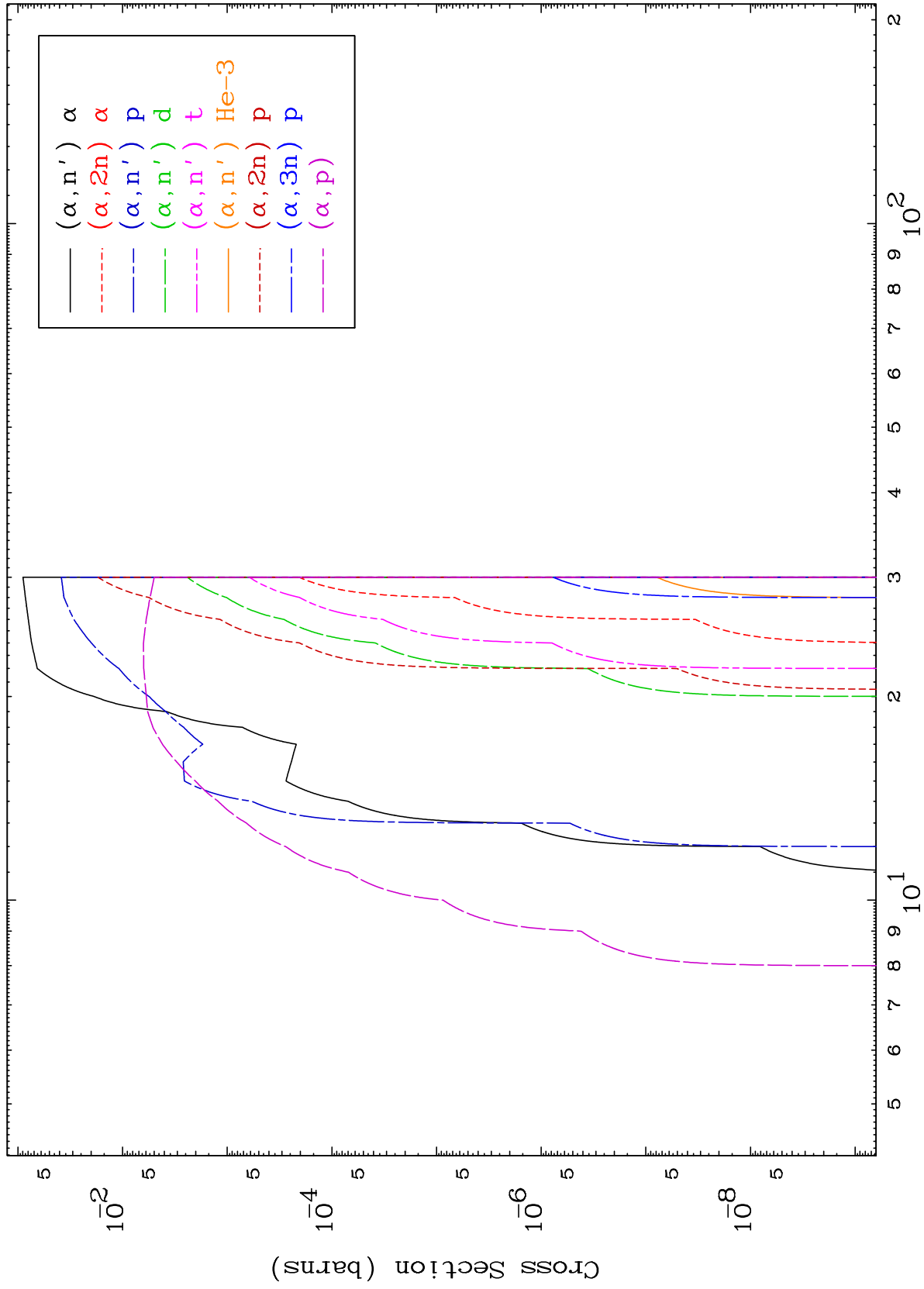
39-Y -90

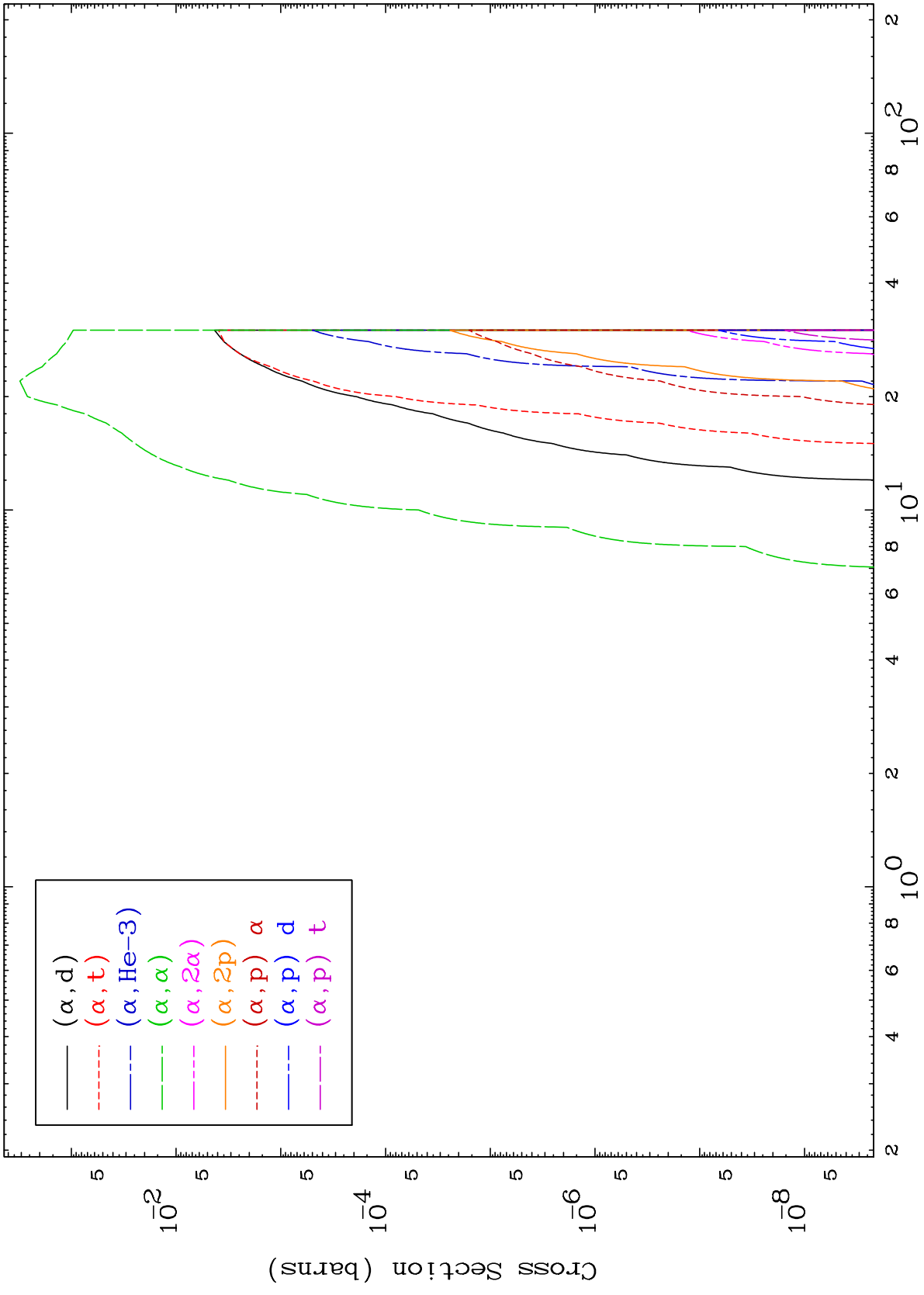


2

Incident Energy (MeV)

39-Y -90

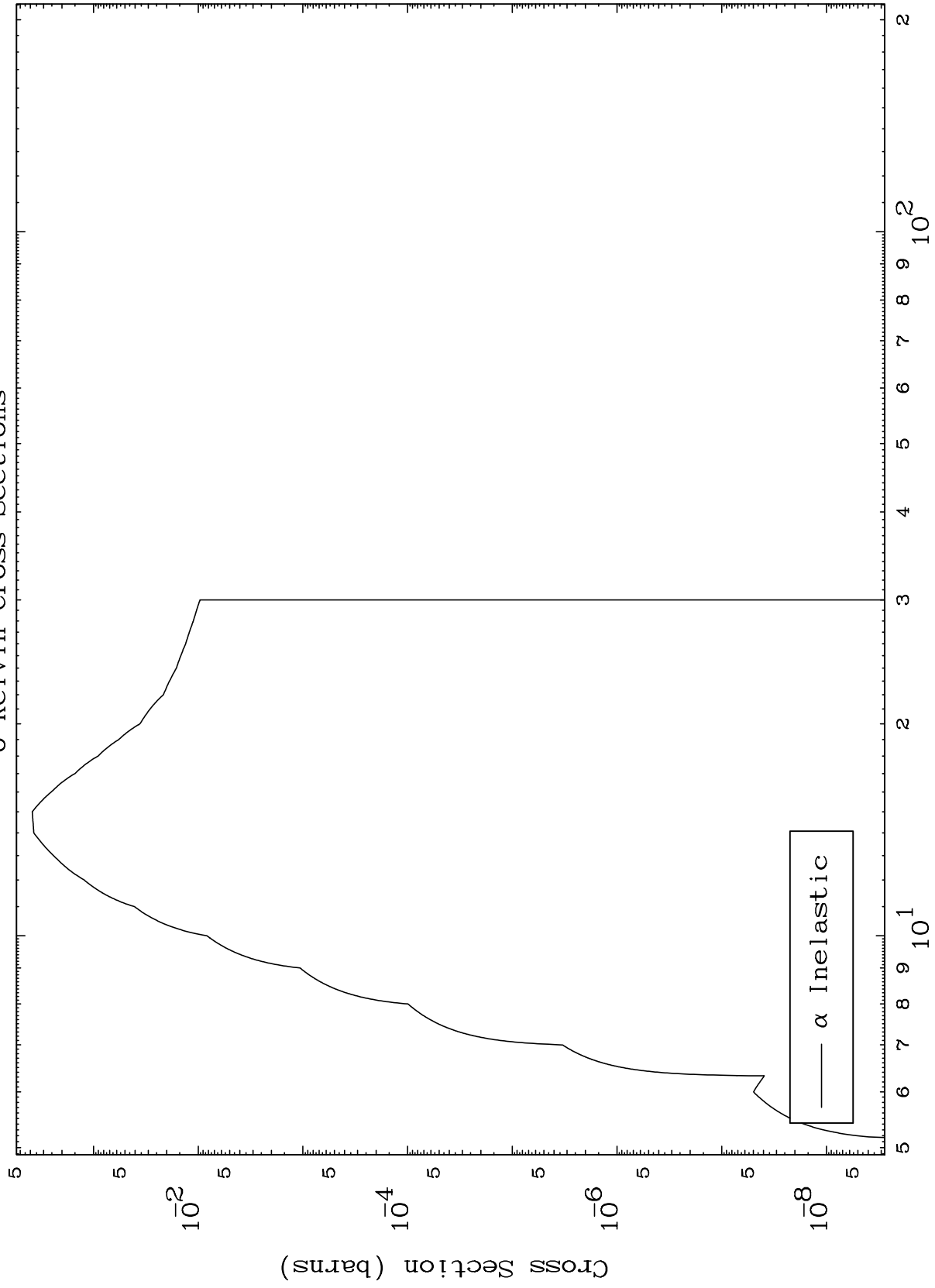




MAT 3928

(α, n') Level
0 Kelvin Cross Sections

39-Y -90



5

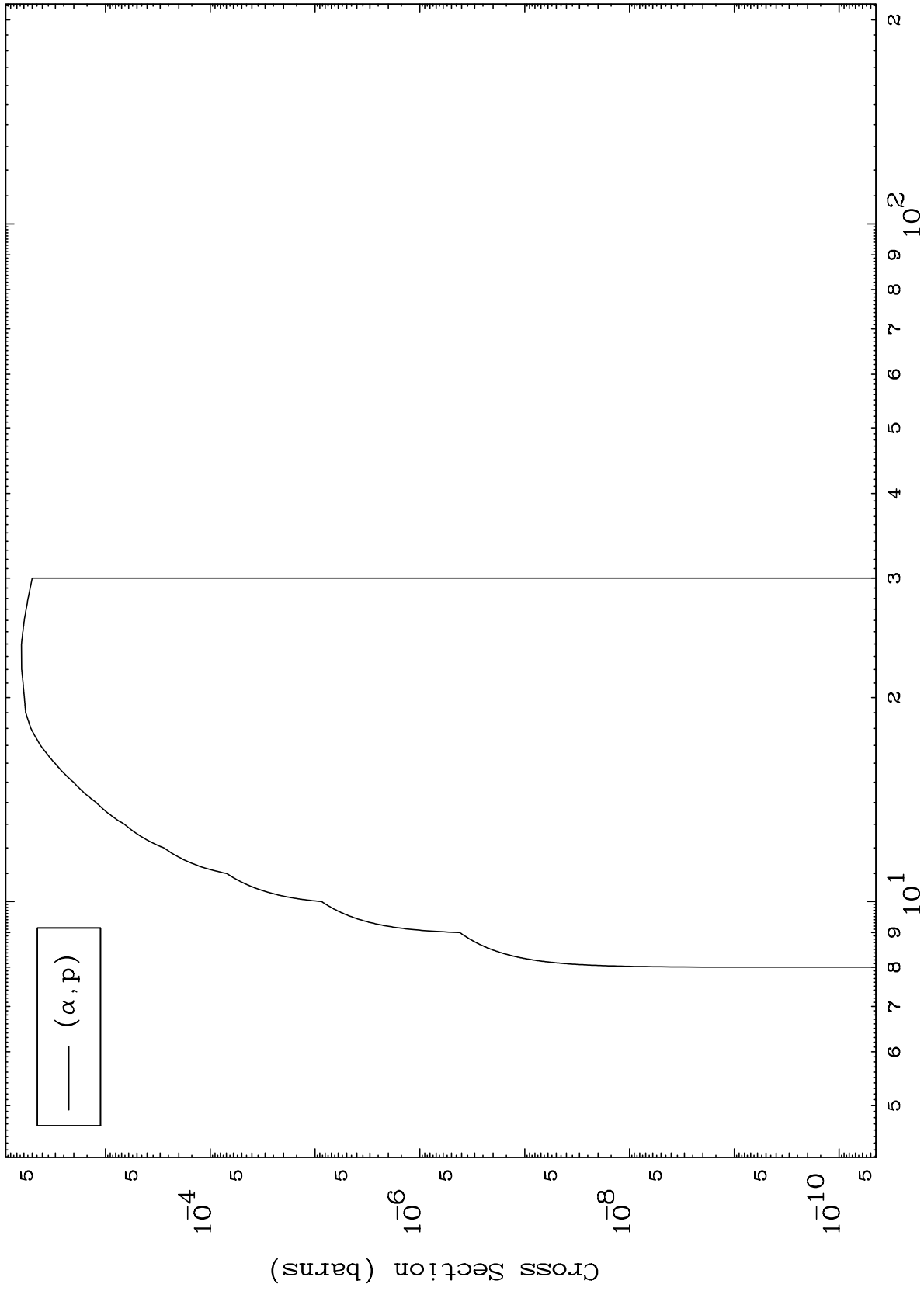
Incident Energy (MeV)

39-Y -90

MAT 3928

(α, p) Levels
0 Kelvin Cross Sections

39-Y -90



6

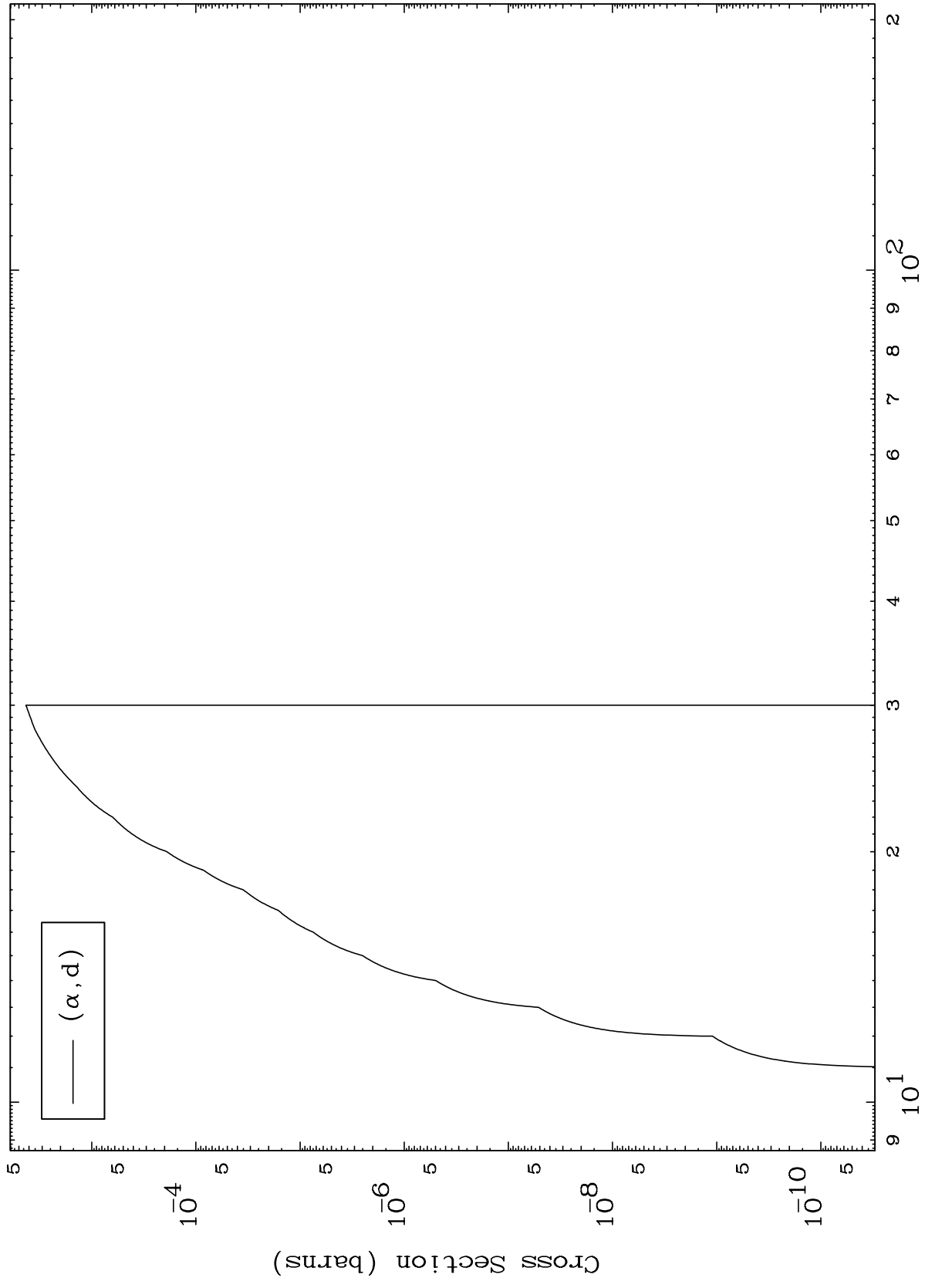
Incident Energy (MeV)

39-Y -90

MAT 3928

(α, d) Levels
0 Kelvin Cross Sections

39-Y -90



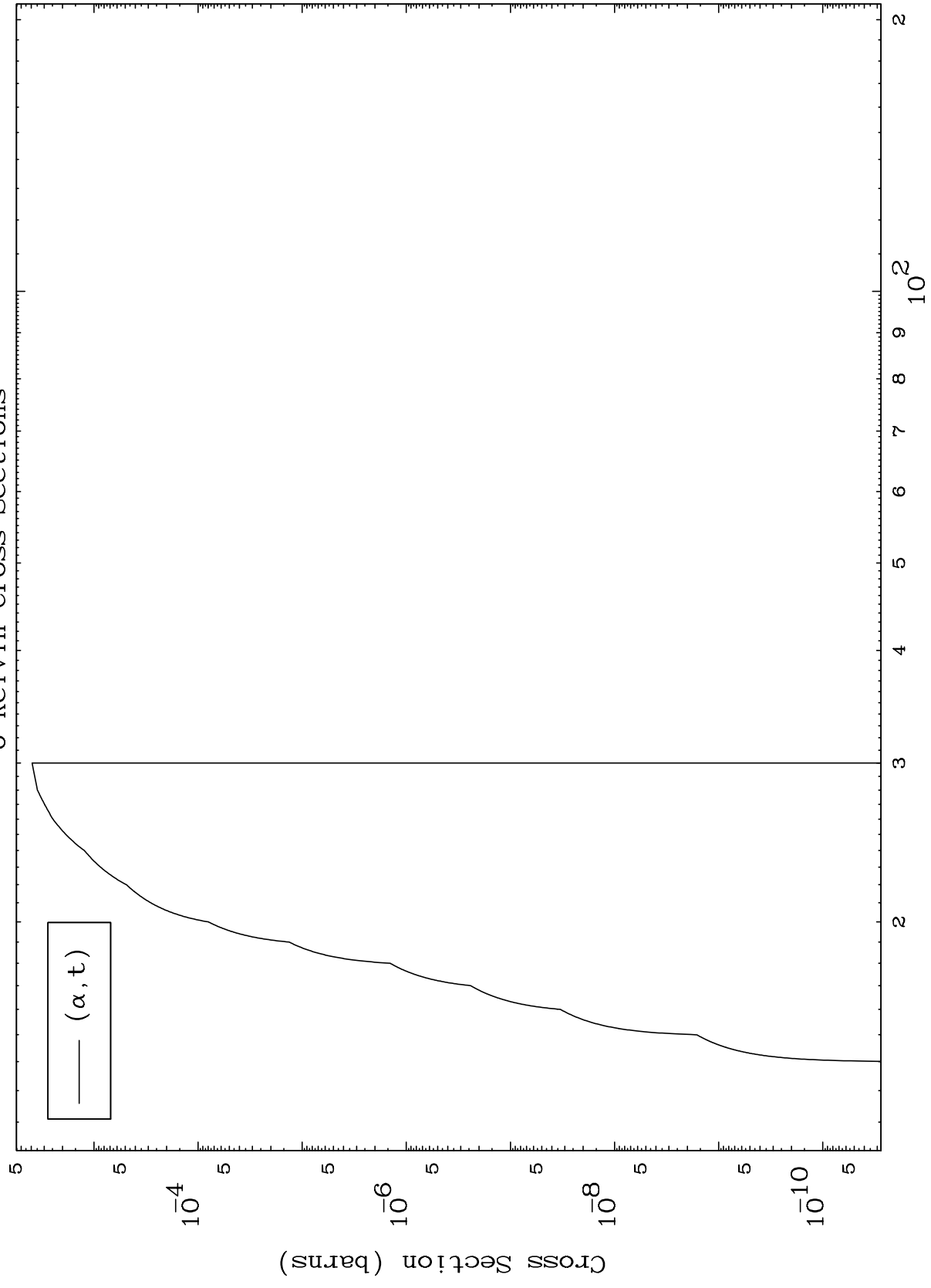
Incident Energy (MeV)

39-Y -90

MAT 3928

(α, t) Levels
0 Kelvin Cross Sections

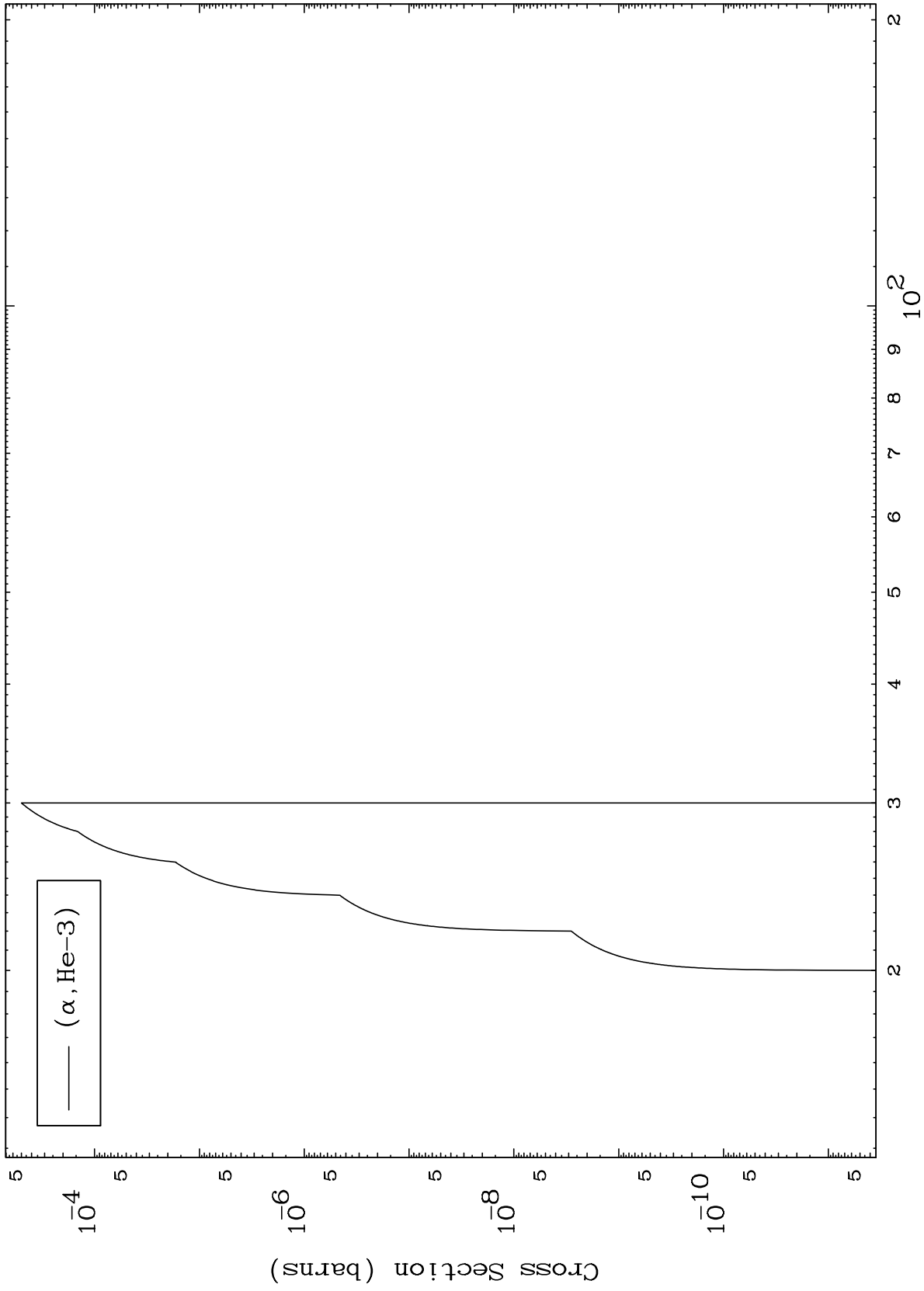
39-Y -90



8

Incident Energy (MeV)

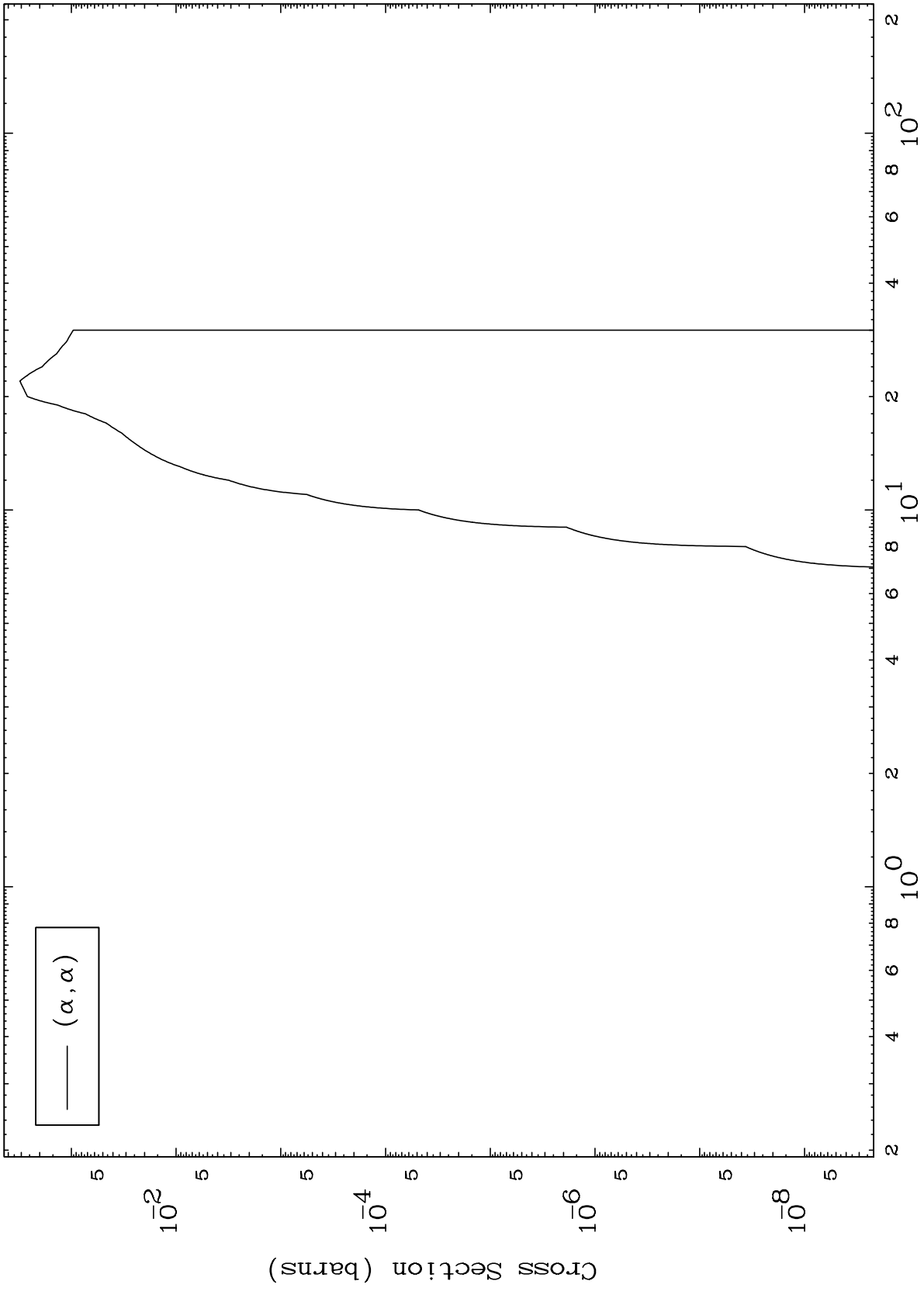
39-Y -90



MAT 3928

(α, α) Levels
0 Kelvin Cross Sections

39-Y -90



10

Incident Energy (MeV)

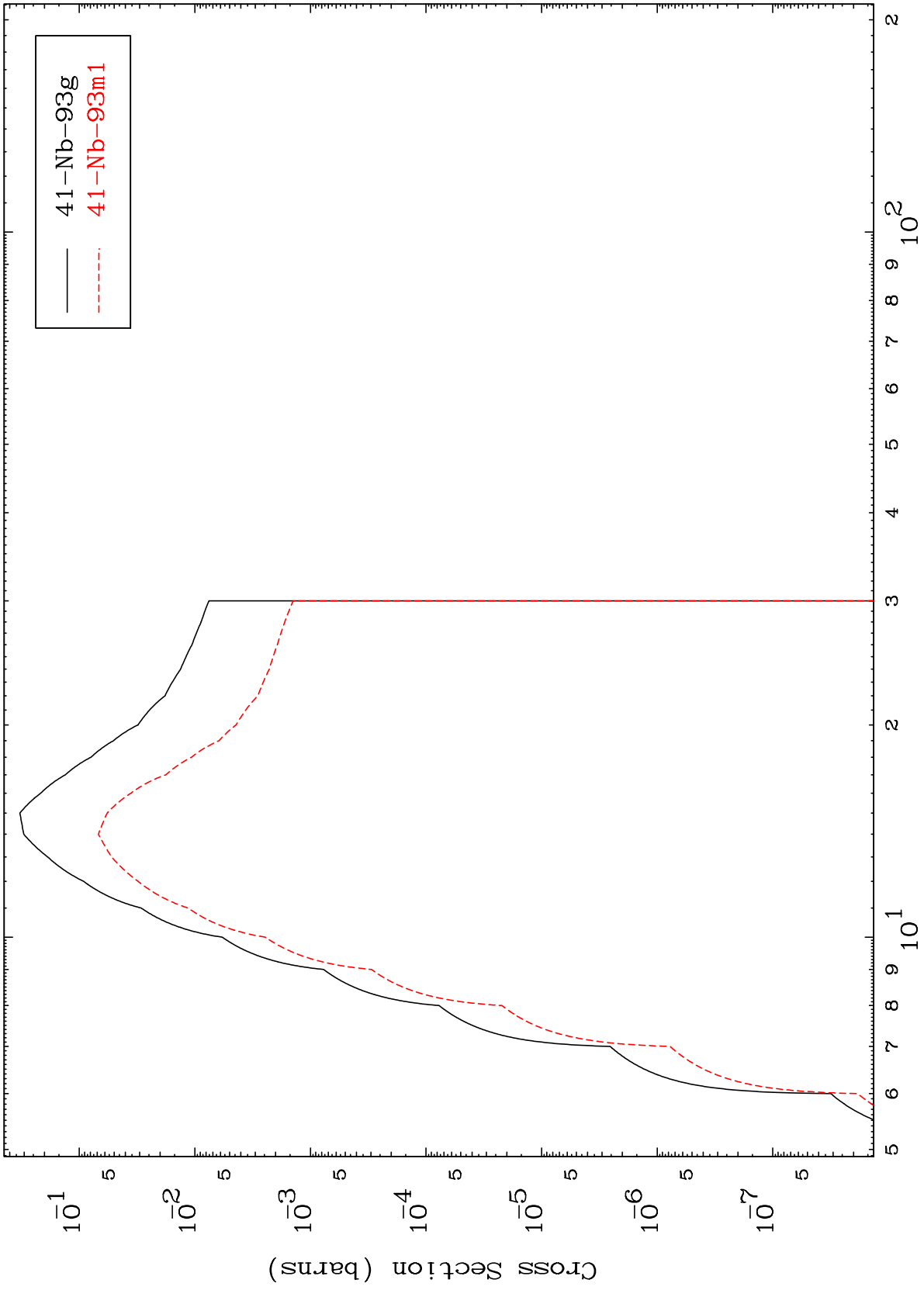
39-Y -90

MAT 3928

39-Y -90

Radionuclide Production Cross Section

α Inelastic



11

Incident Energy (MeV)

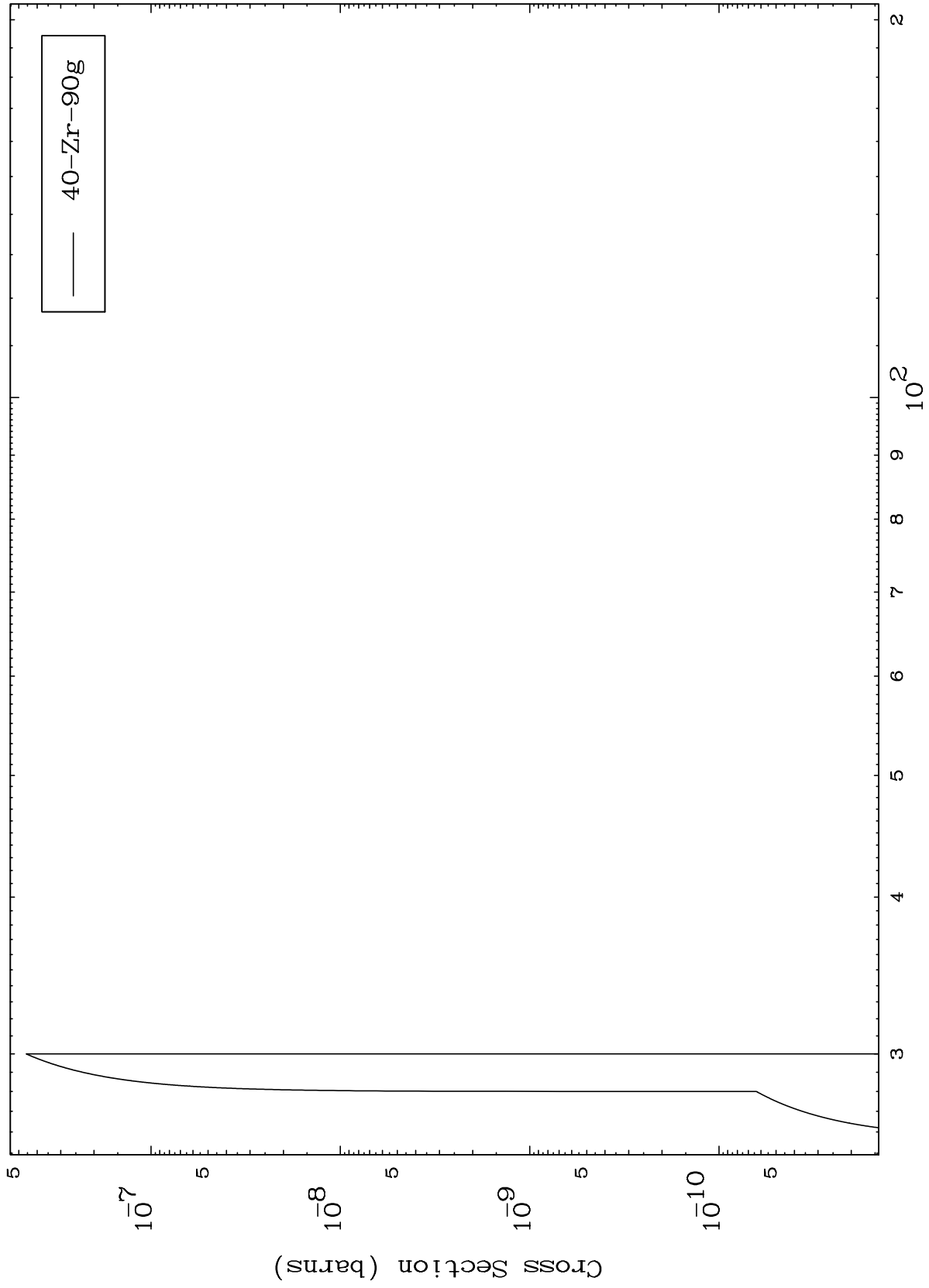
39-Y -90

MAT 3928

($\alpha, 2n$) d

39-Y -90

Radionuclide Production Cross Section



12

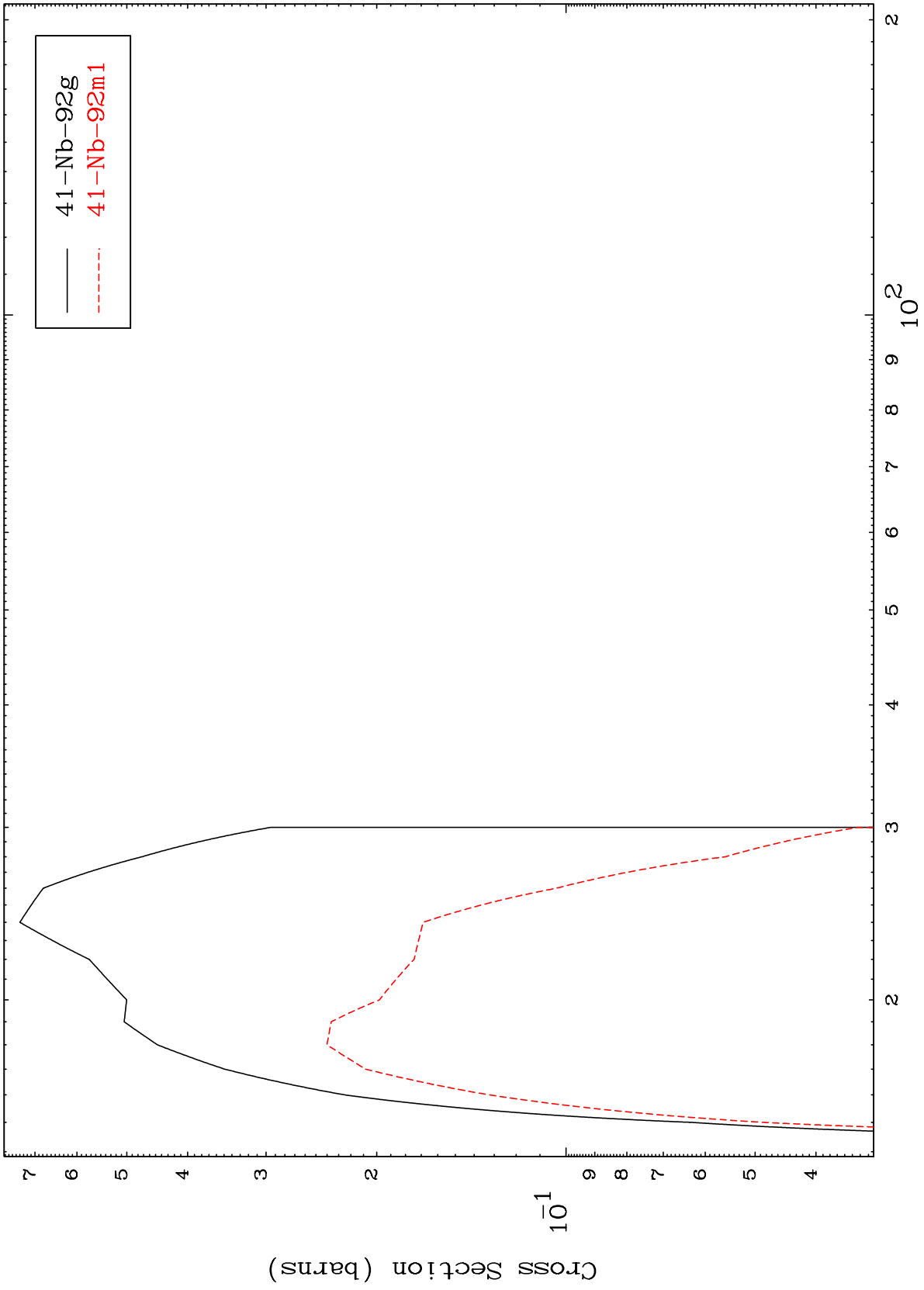
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

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



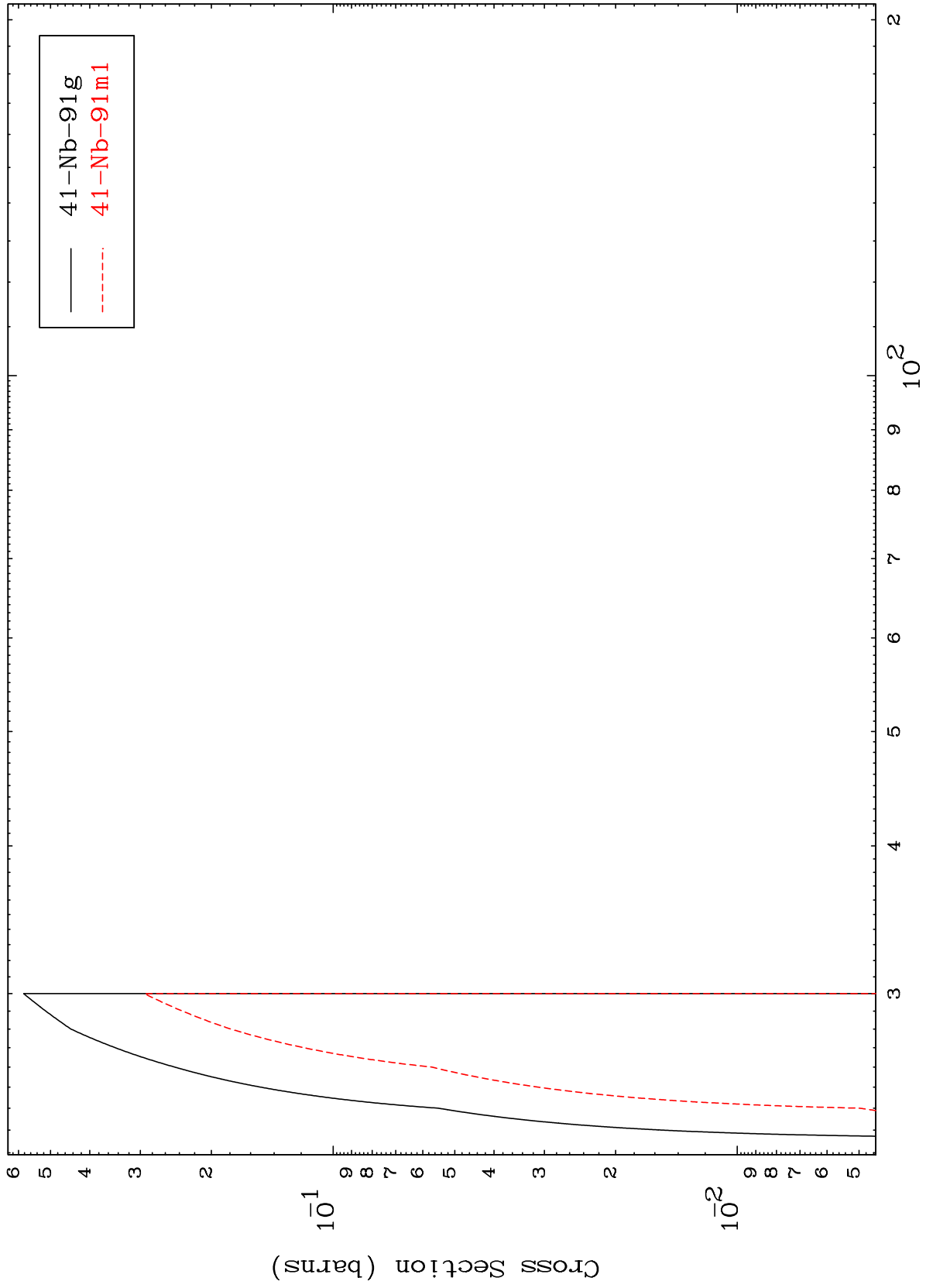
13

39-Y -90

MAT 3928

39-Y -90

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



14

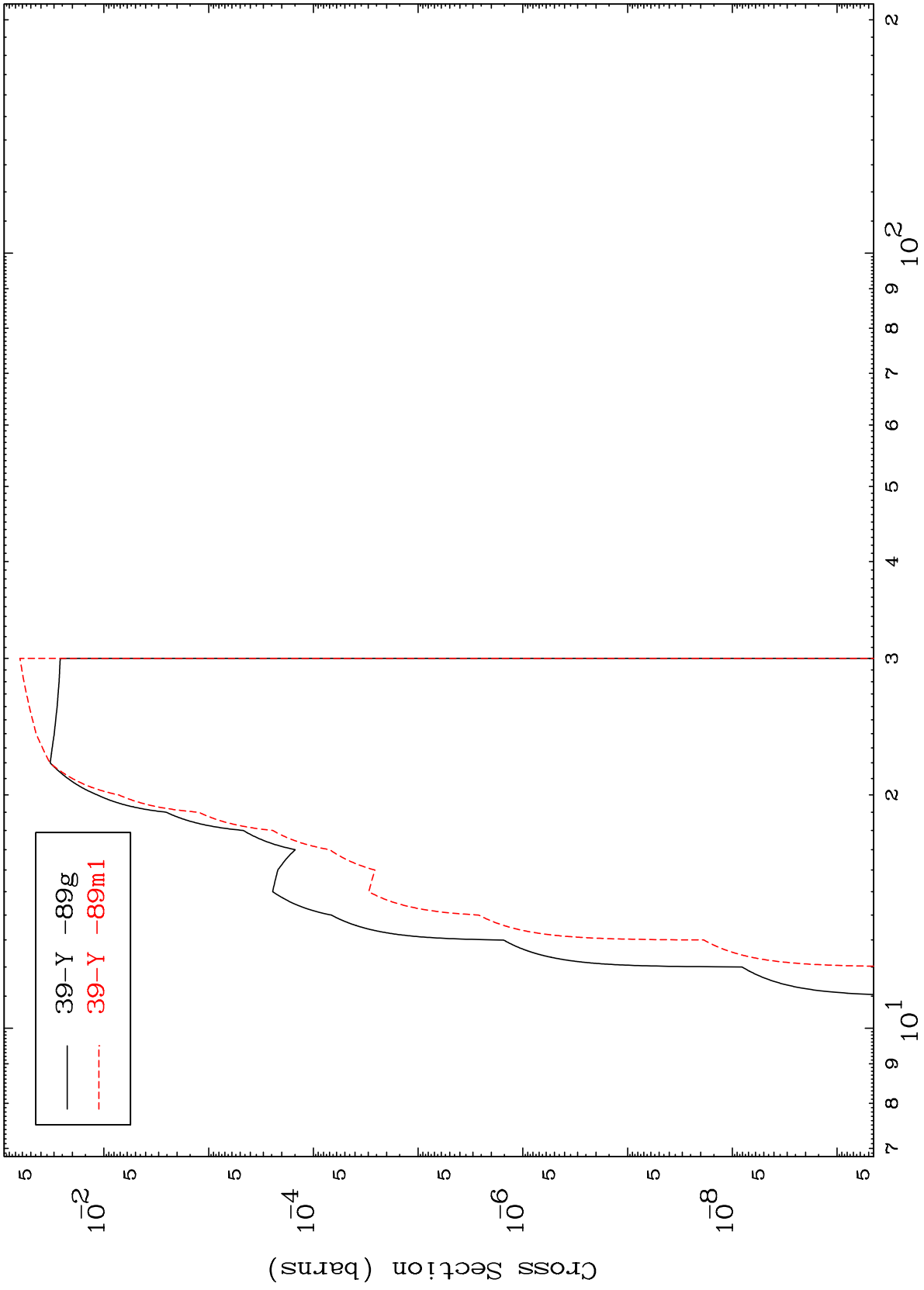
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(α, n') α
Radionuclide Production Cross Section



15

Incident Energy (MeV)

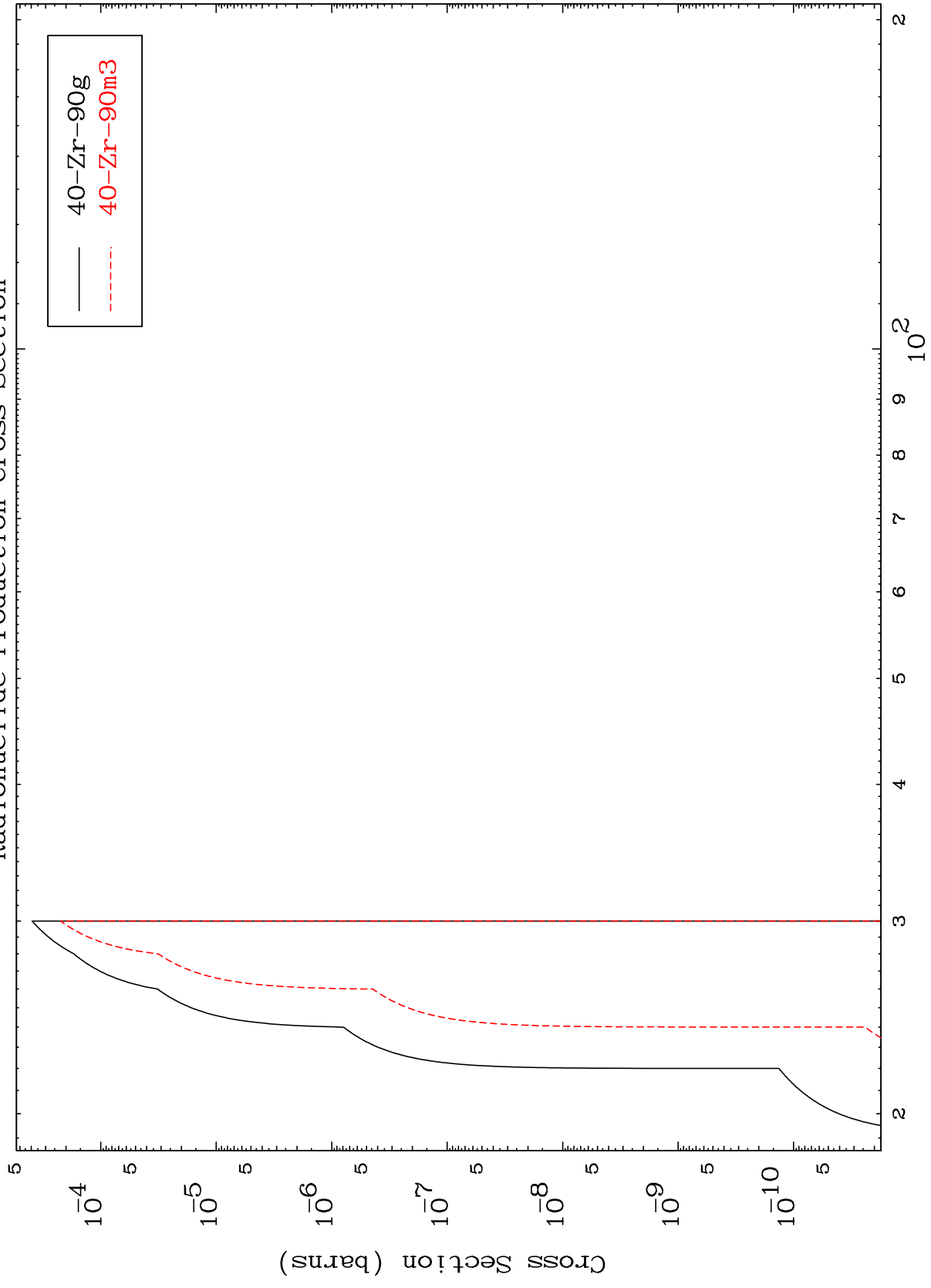
39-Y -90

MAT 3928

(α, n') t

39-Y -90

Radionuclide Production Cross Section

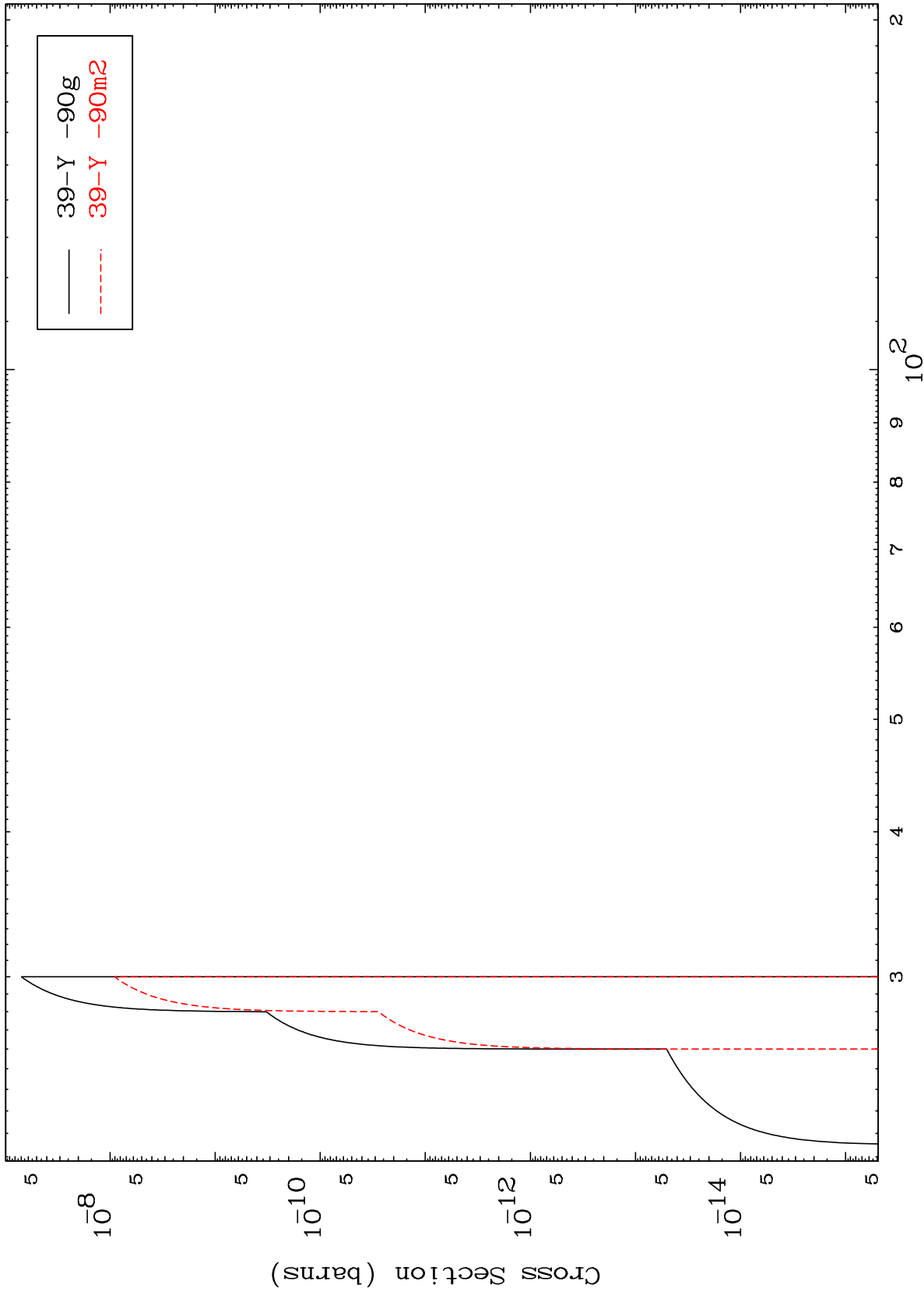


16

Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section

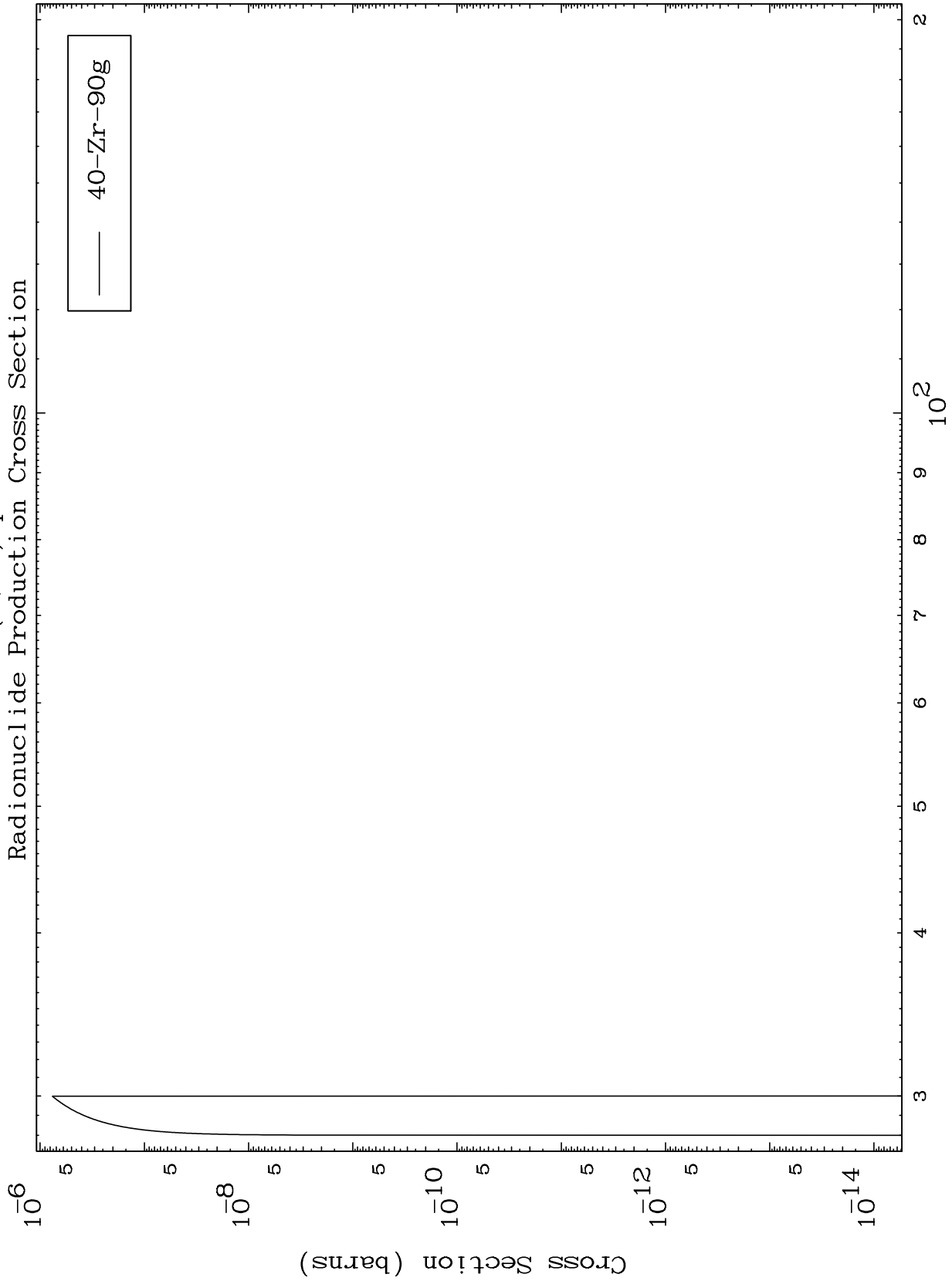


MAT 3928

($\alpha, 3n$) p

39-Y -90

Radionuclide Production Cross Section



18

Incident Energy (MeV)

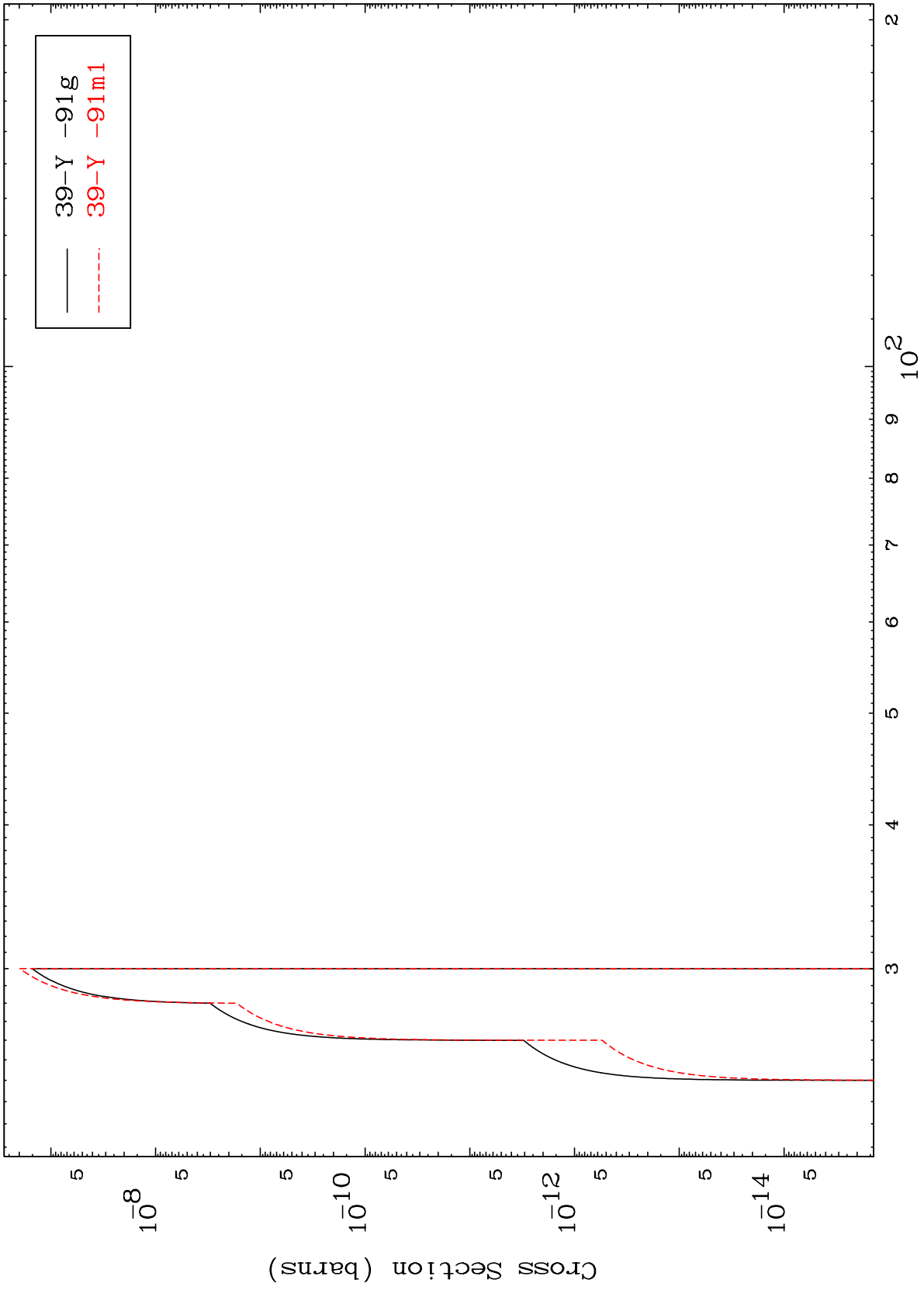
39-Y -90

MAT 3928

($\alpha, 2n$) p

39-Y -90

Radionuclide Production Cross Section



19

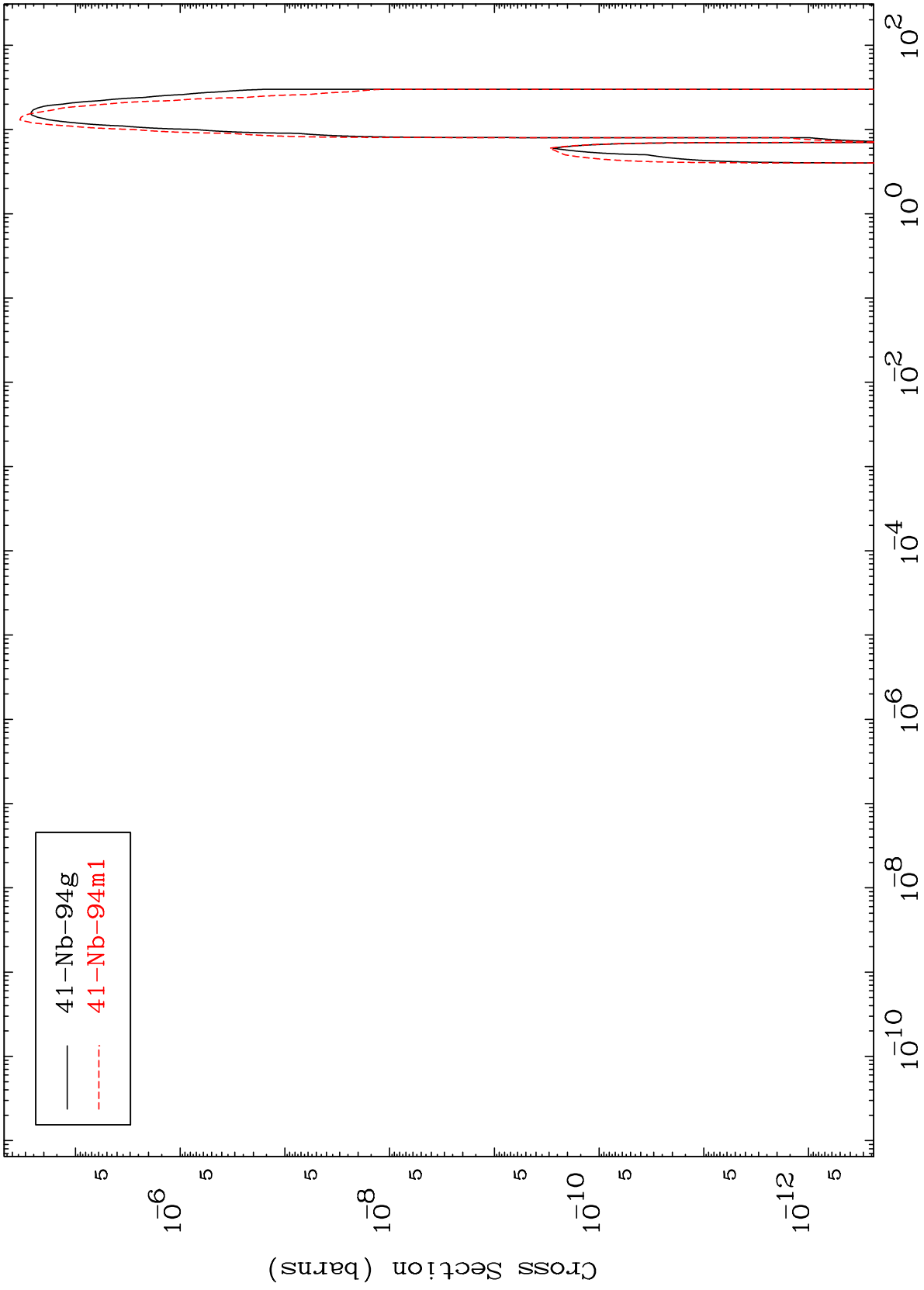
Incident Energy (MeV)

39-Y -90

MAT 3928

Radionuclide Production Cross Section
(α, γ)

39-Y -90



— 41-Nb-94g
- - - 41-Nb-94m1

20

Incident Energy (MeV)

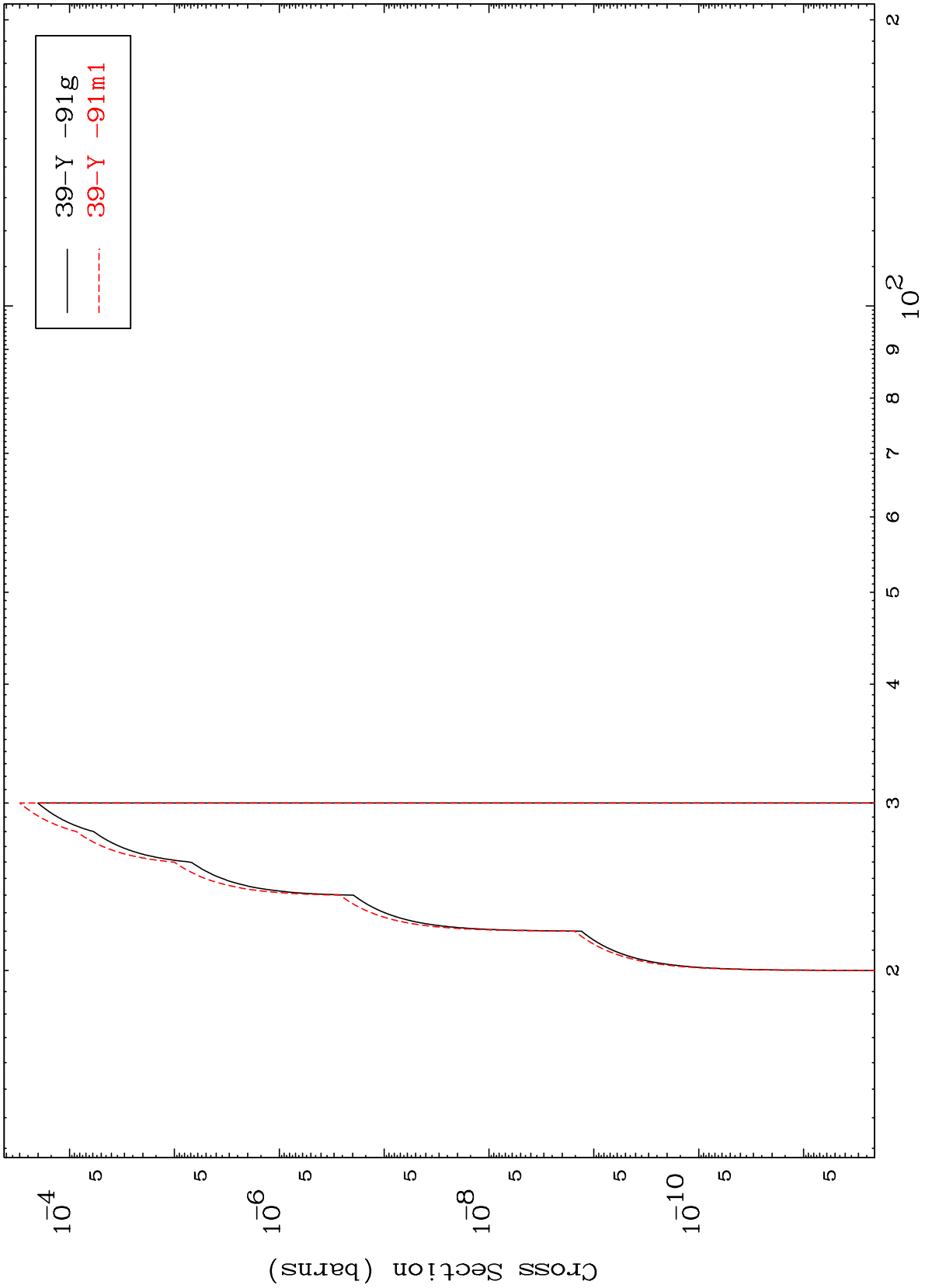
39-Y -90

MAT 3928

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

39-Y -90

Radionuclide Production Cross Section



21

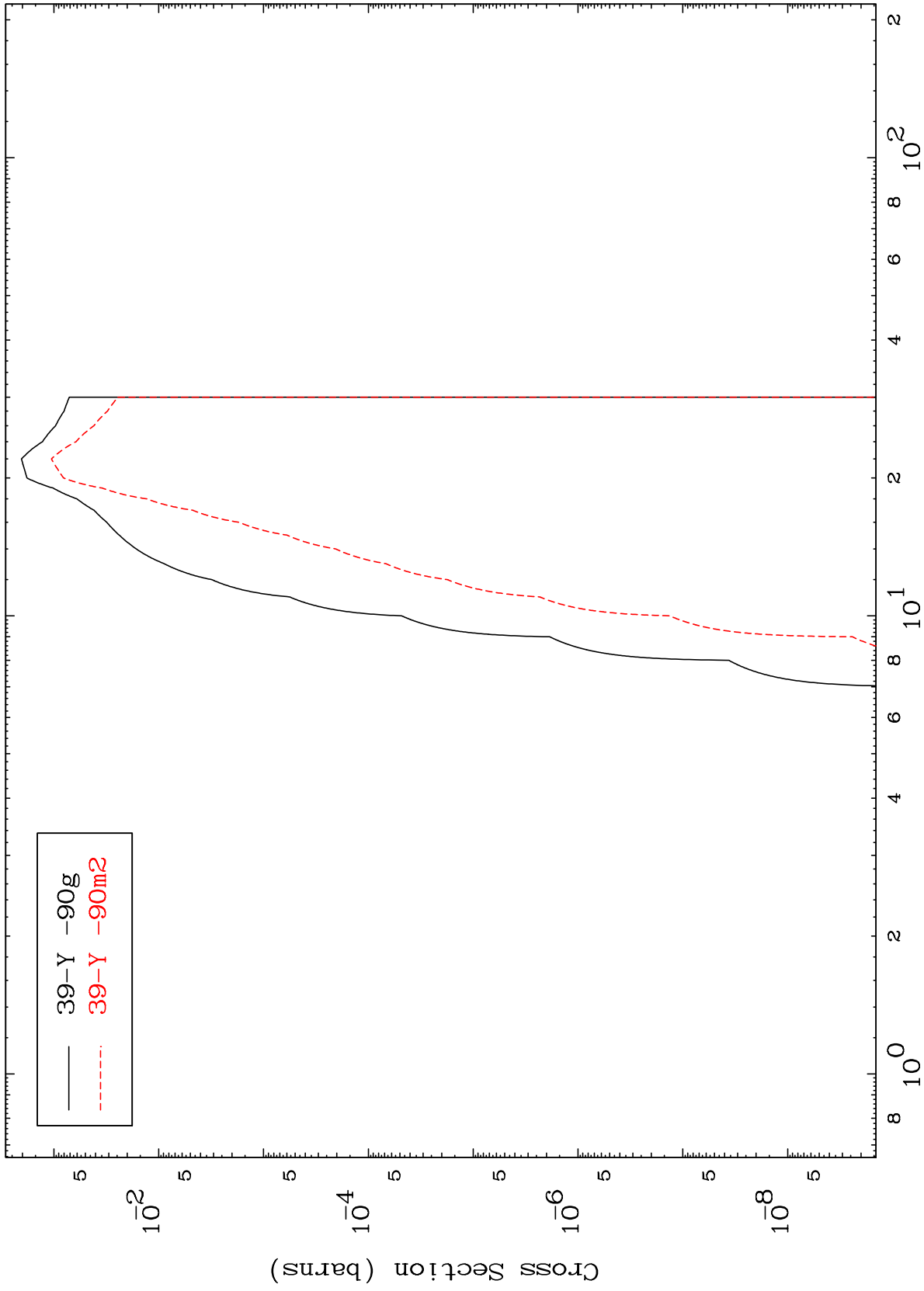
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

Radionuclide Production Cross Section



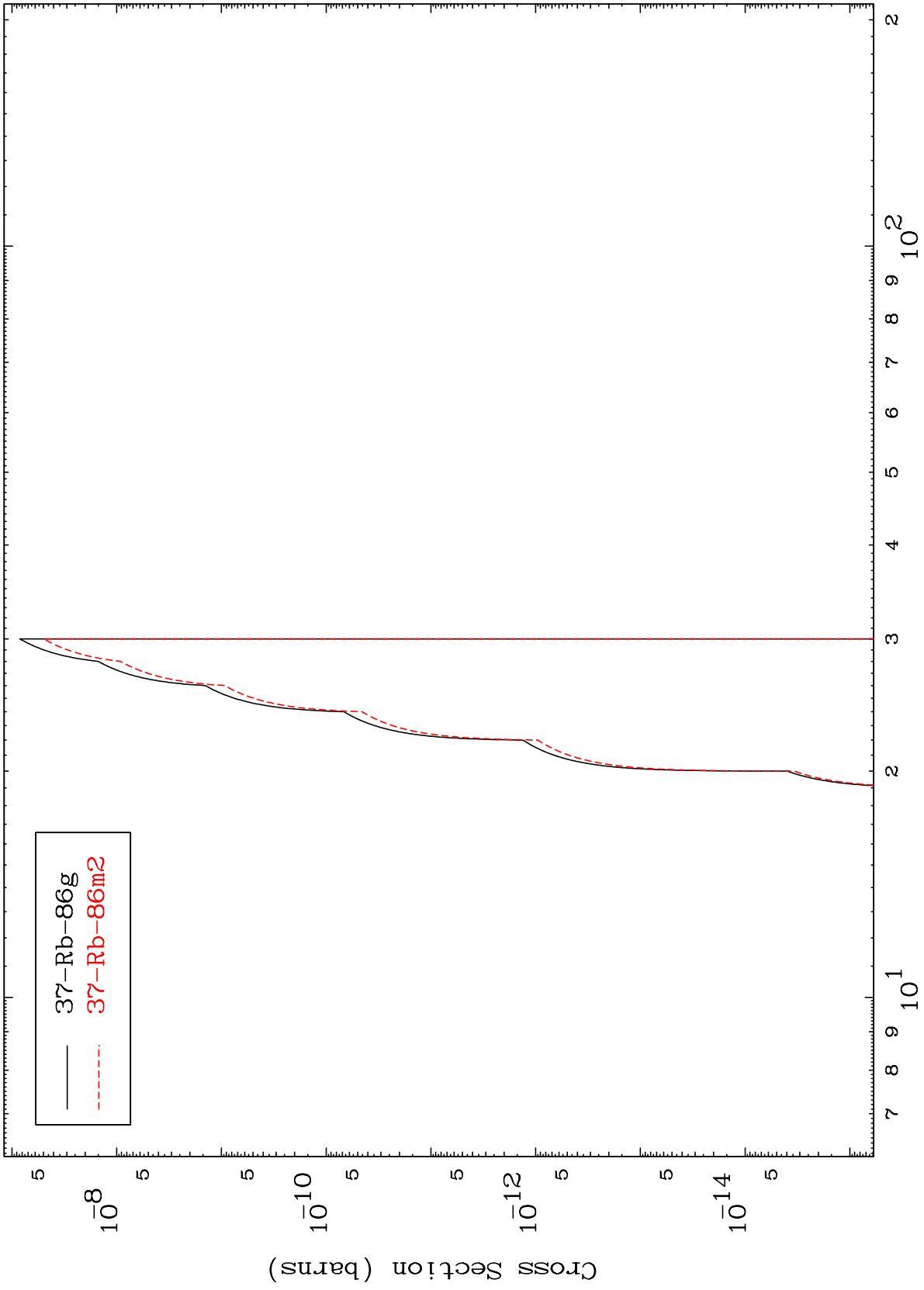
22

39-Y -90

MAT 3928

39-Y -90

Radionuclide Production Cross Section



23

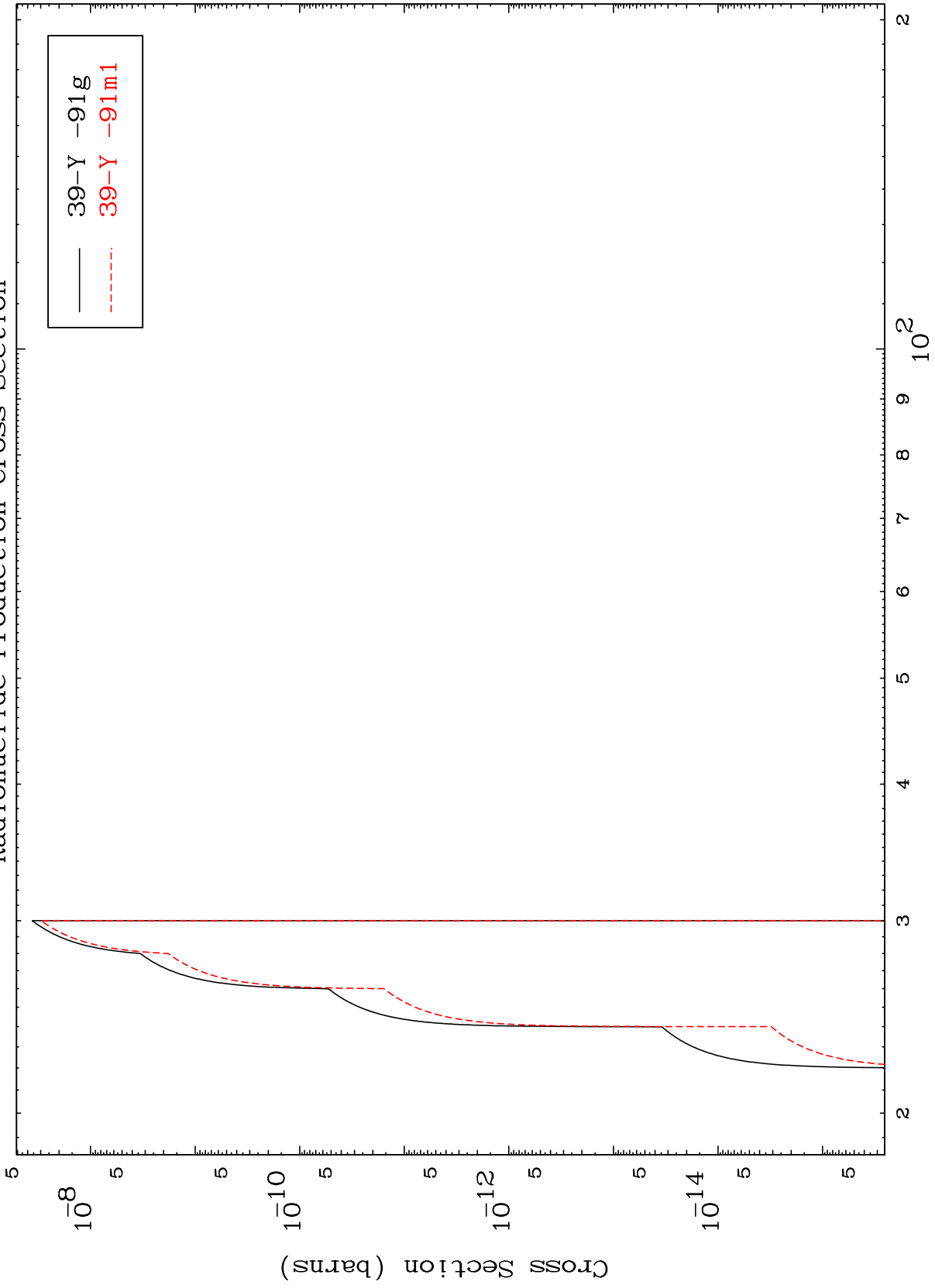
39-Y -90

MAT 3928

(α, p) d

39-Y -90

Radionuclide Production Cross Section



24

Incident Energy (MeV)

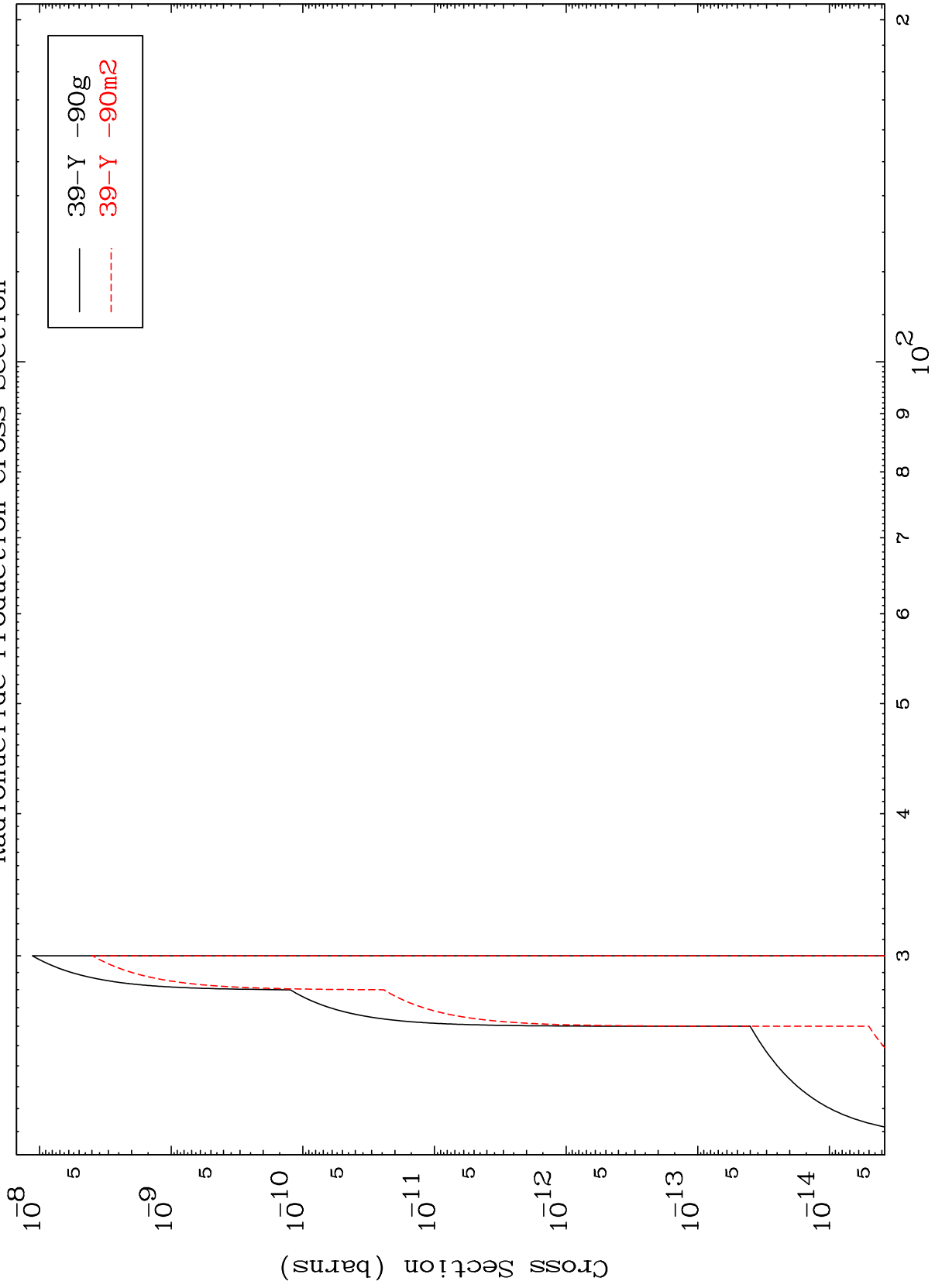
39-Y -90

MAT 3928

(α, p) t

39-Y -90

Radionuclide Production Cross Section



25

Incident Energy (MeV)

39-Y -90