

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

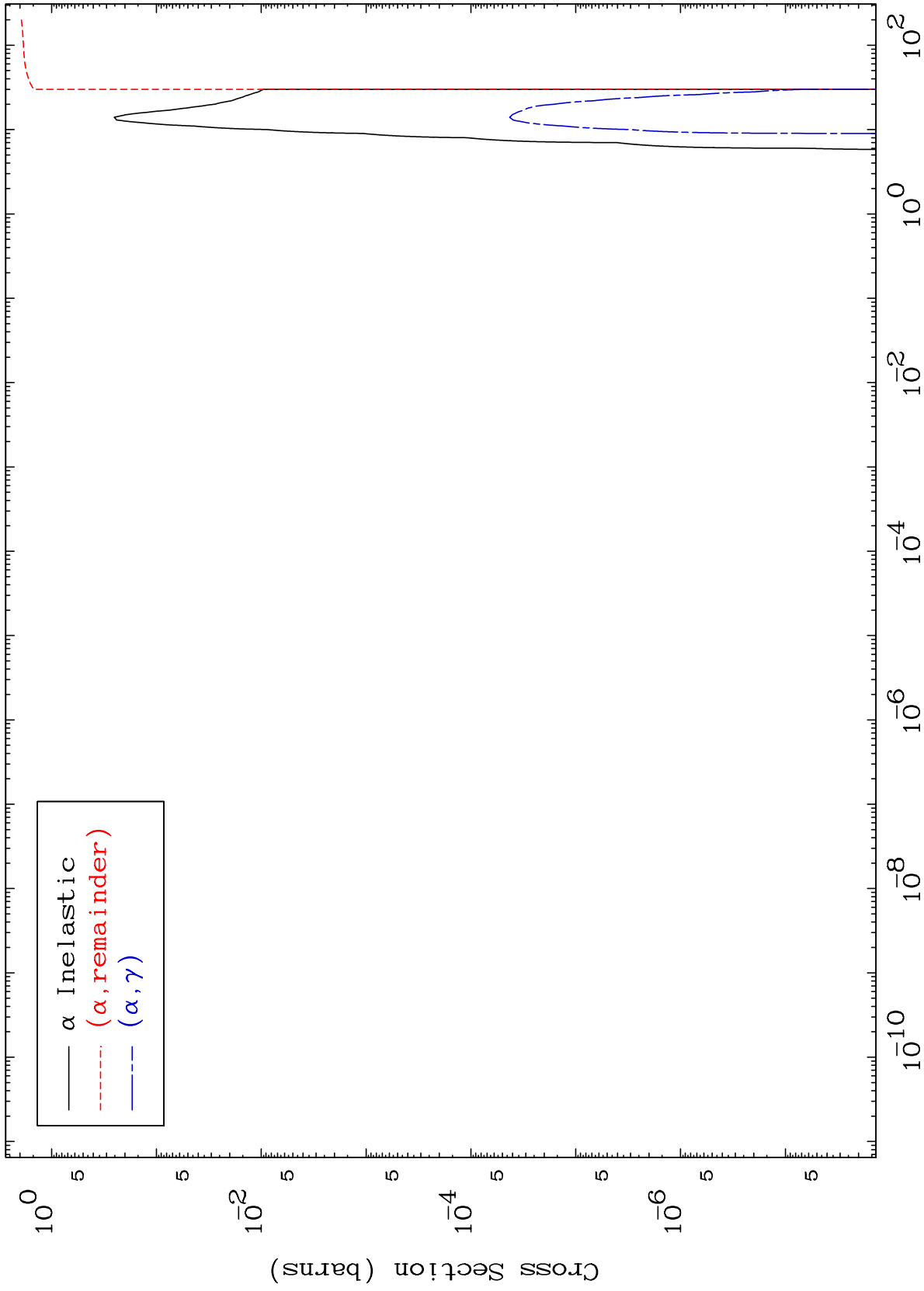
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3932

0 Kelvin α Major
Cross Sections

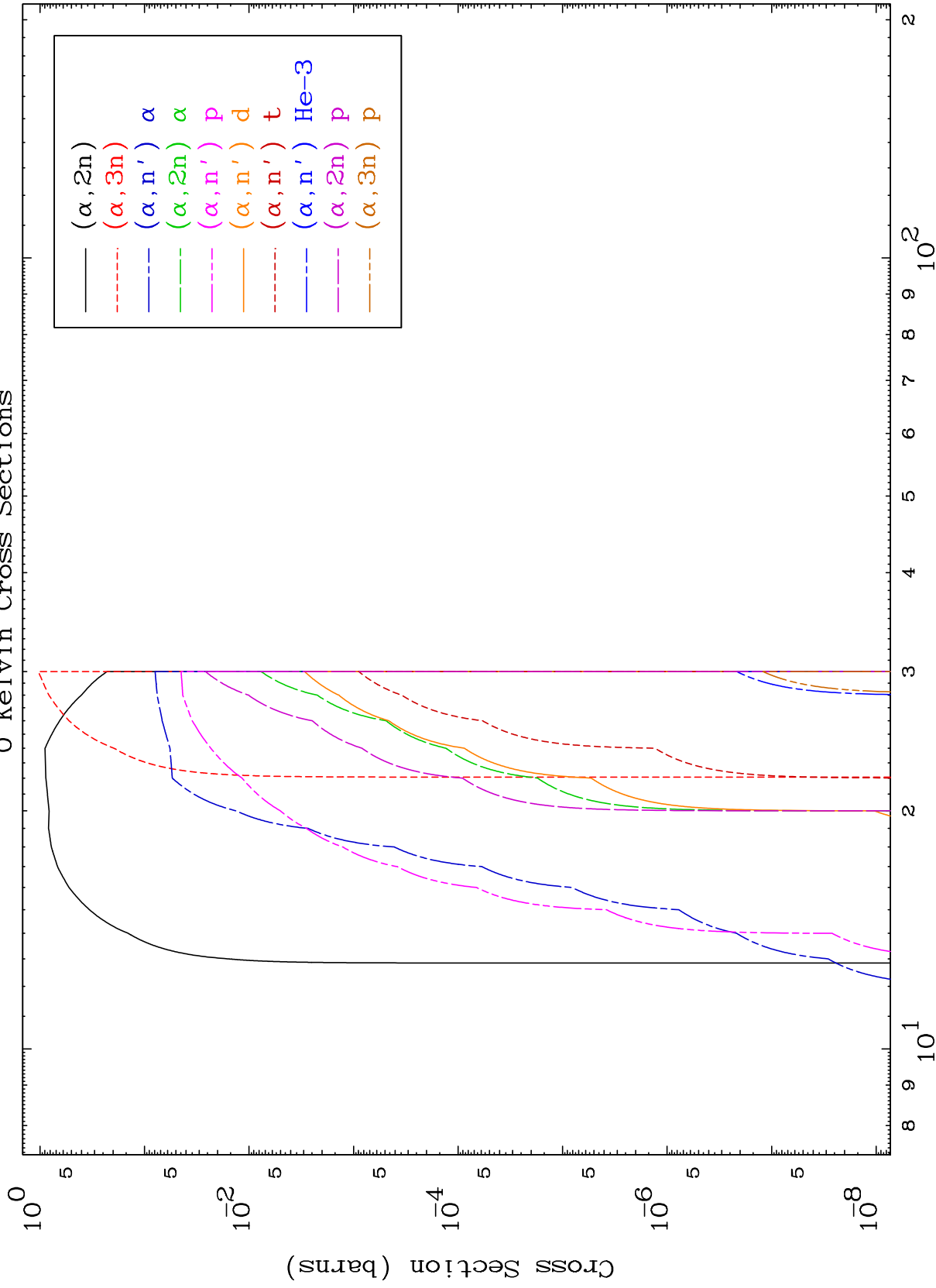
39-Y -91

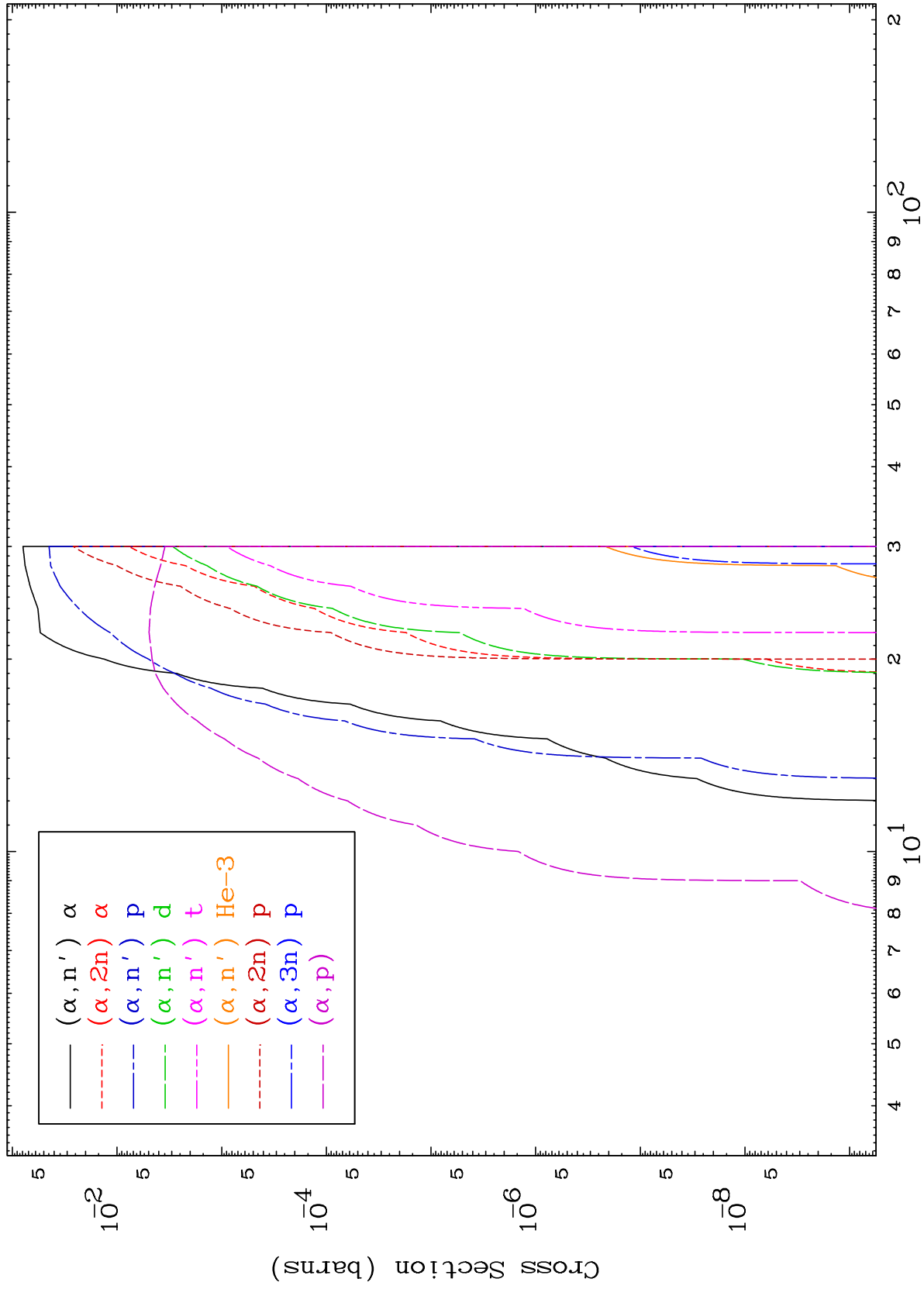


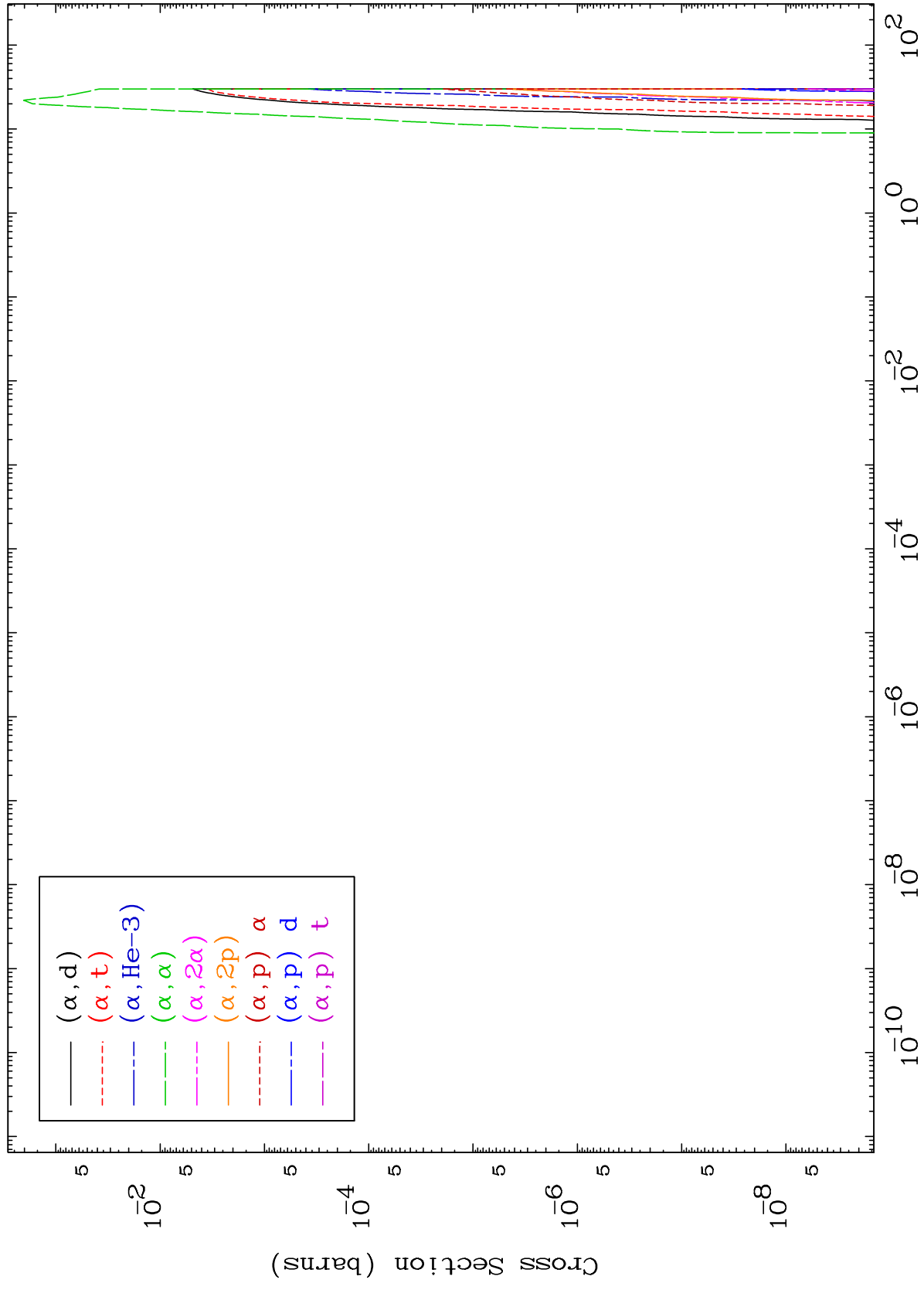
1

Incident Energy (MeV)

39-Y -91



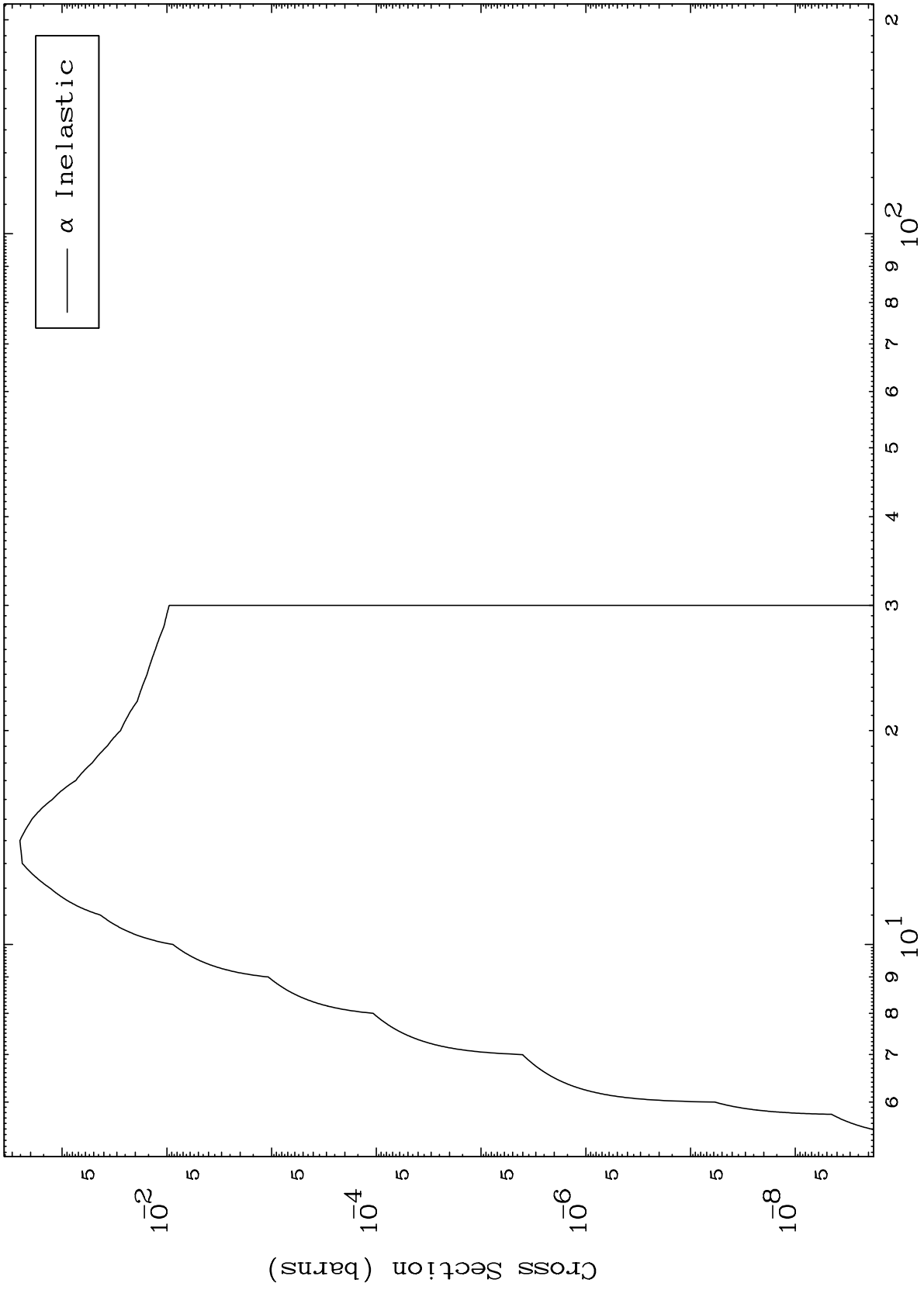




MAT 3932

(α, n') Level
0 Kelvin Cross Sections

39-Y -91



5

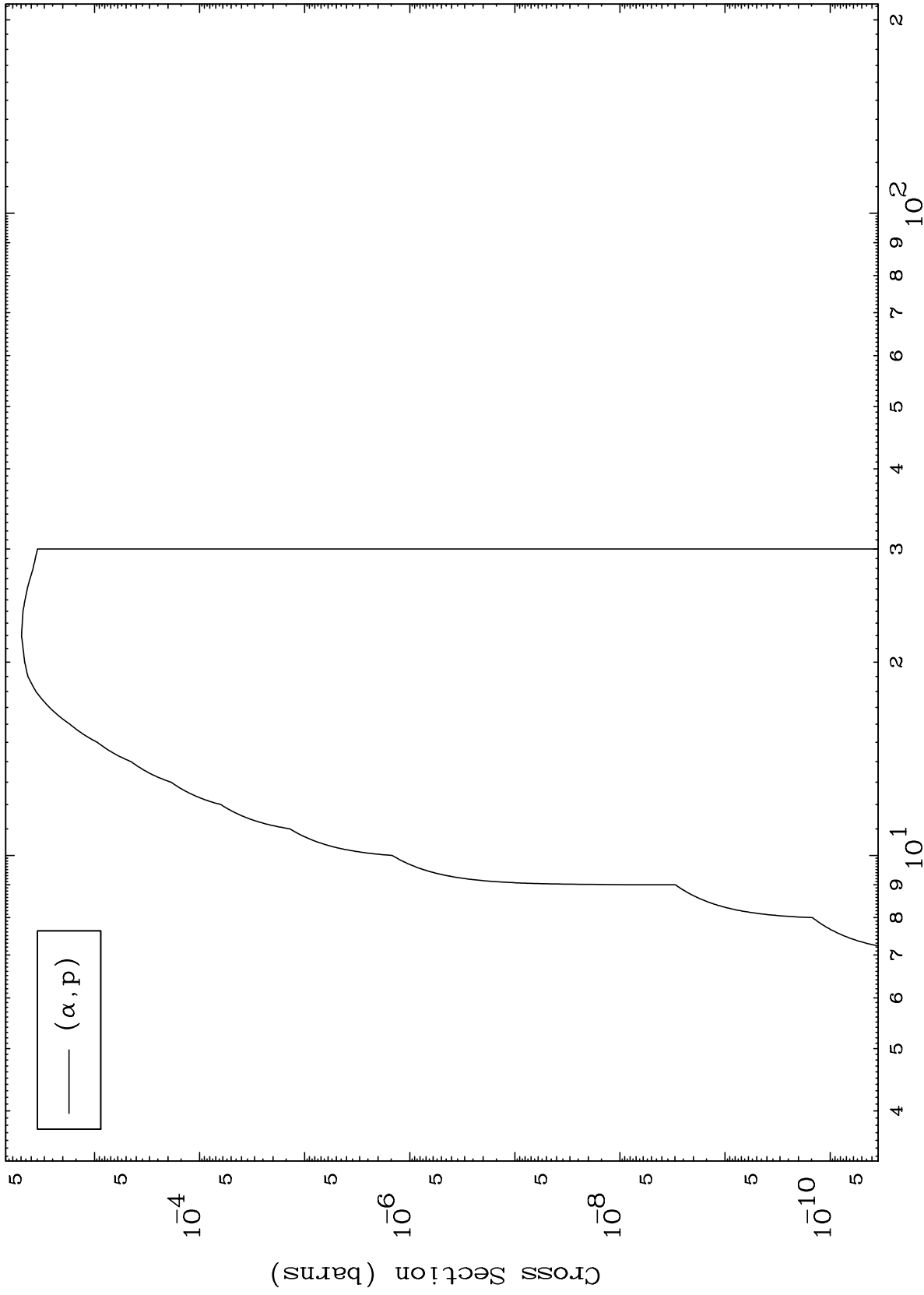
Incident Energy (MeV)

39-Y -91

MAT 3932

(α, p) Levels
0 Kelvin Cross Sections

39-Y -91



6

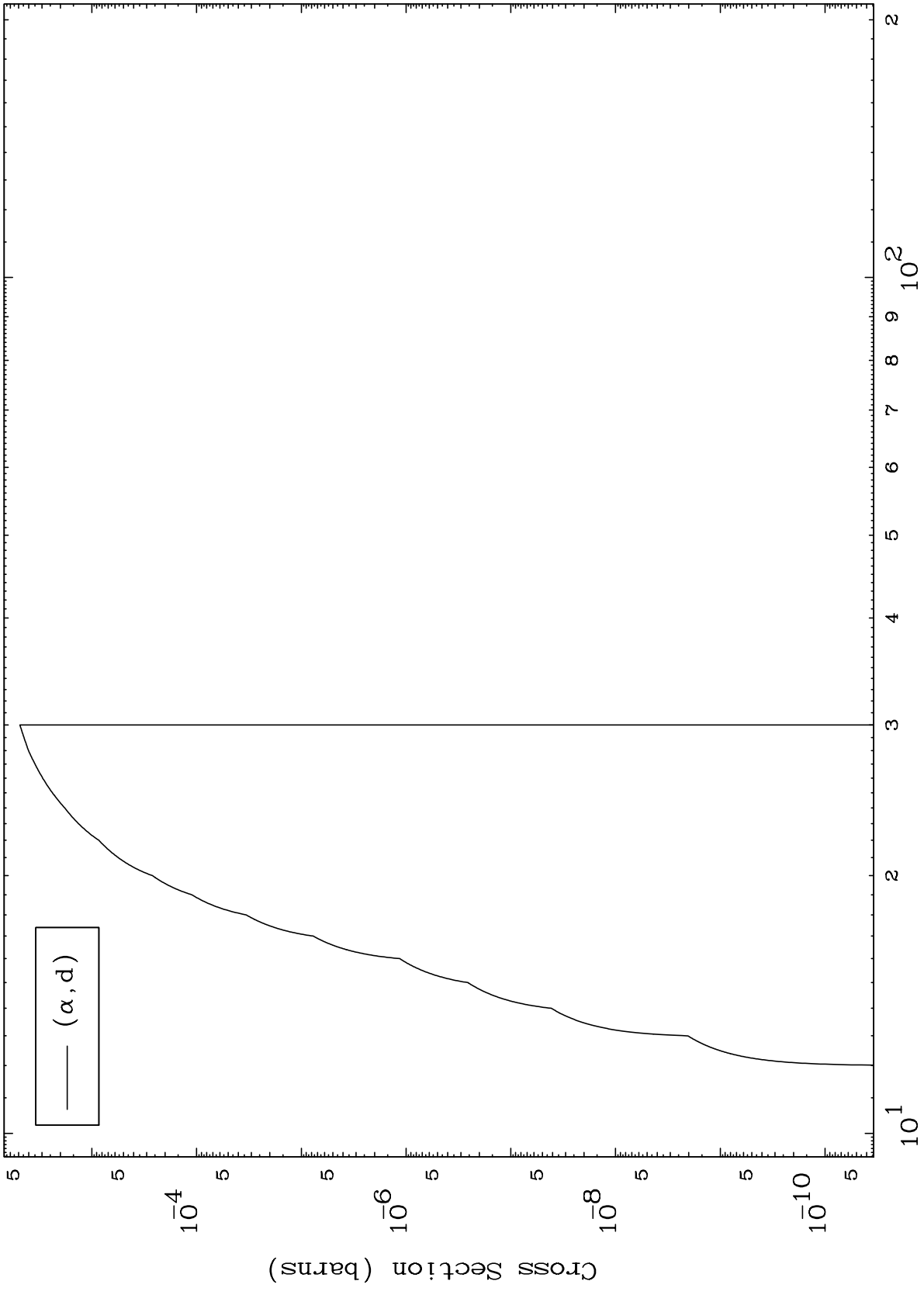
Incident Energy (MeV)

39-Y -91

MAT 3932

(α, d) Levels
0 Kelvin Cross Sections

39-Y -91



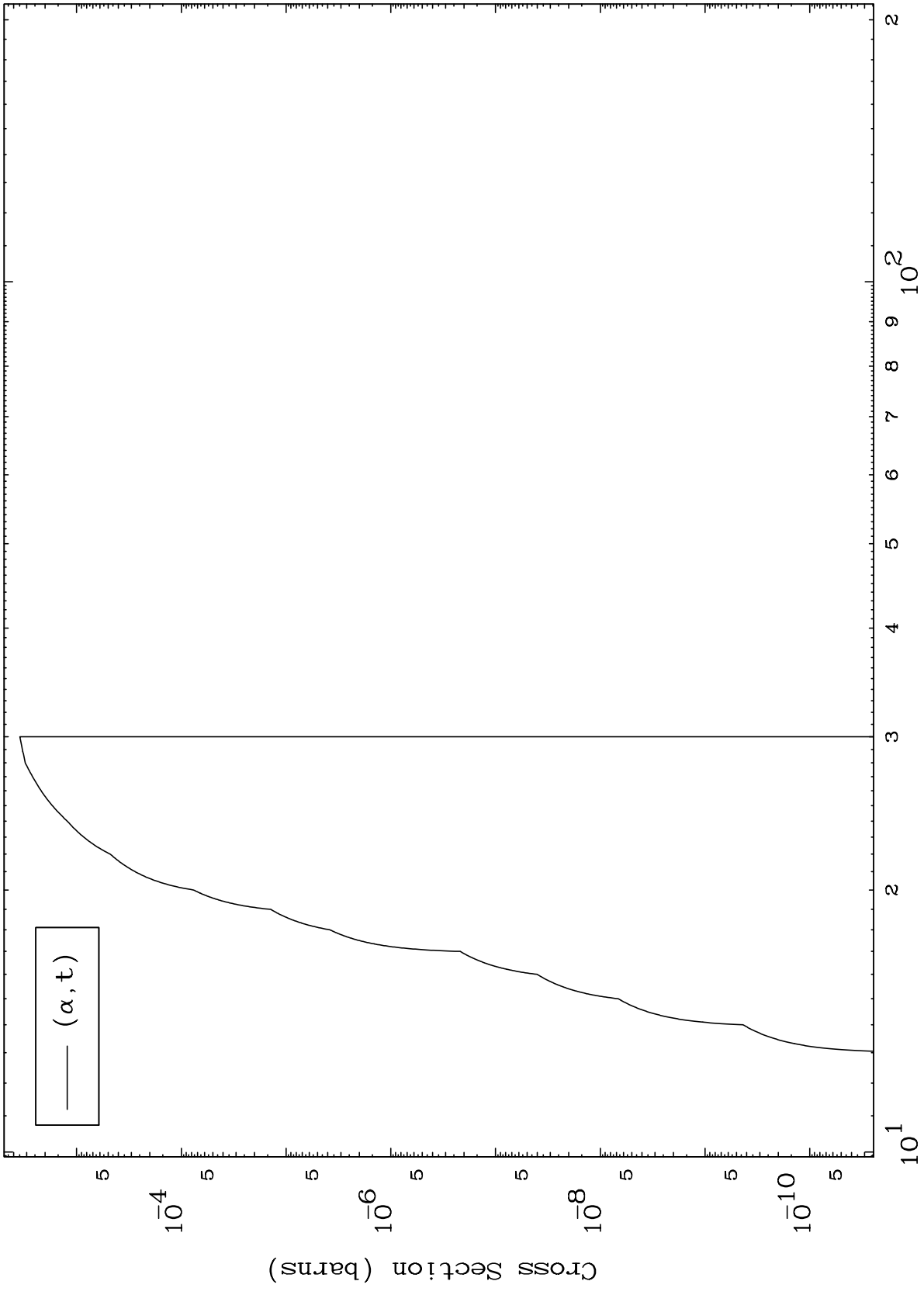
Incident Energy (MeV)

39-Y -91

MAT 3932

(α, t) Levels
0 Kelvin Cross Sections

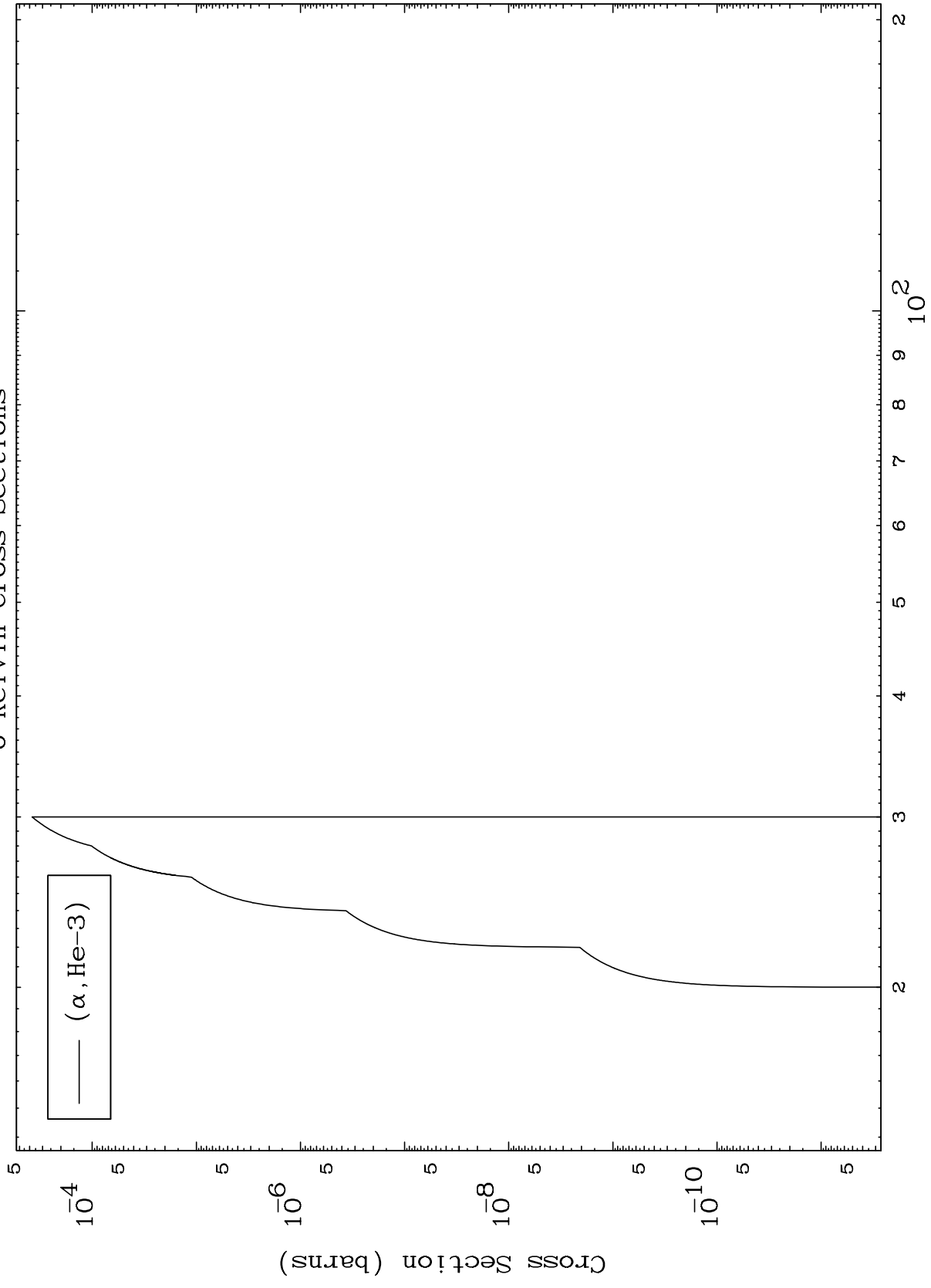
39-Y -91



8

Incident Energy (MeV)

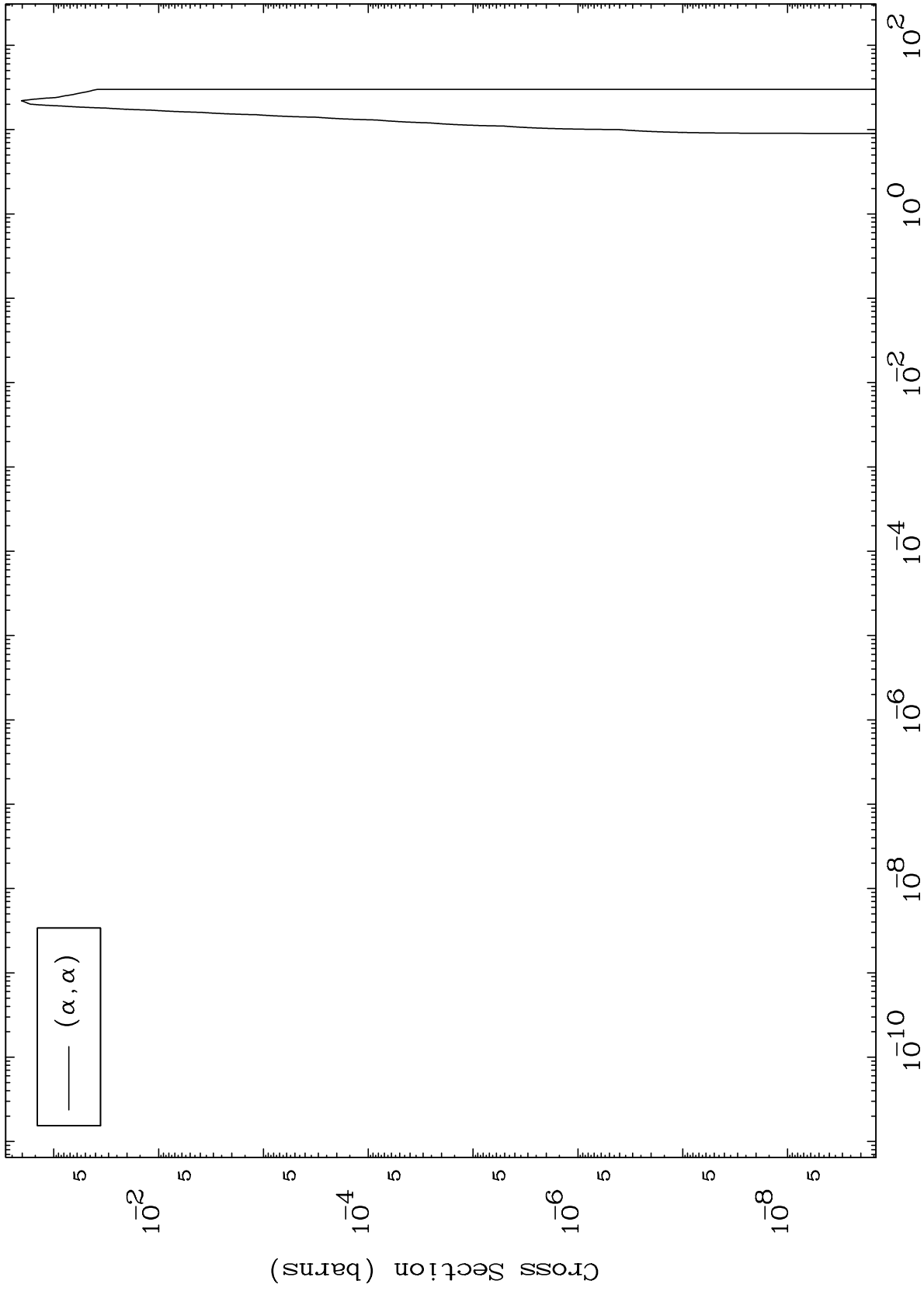
39-Y -91



MAT 3932

(α, α) Levels
0 Kelvin Cross Sections

39-Y -91

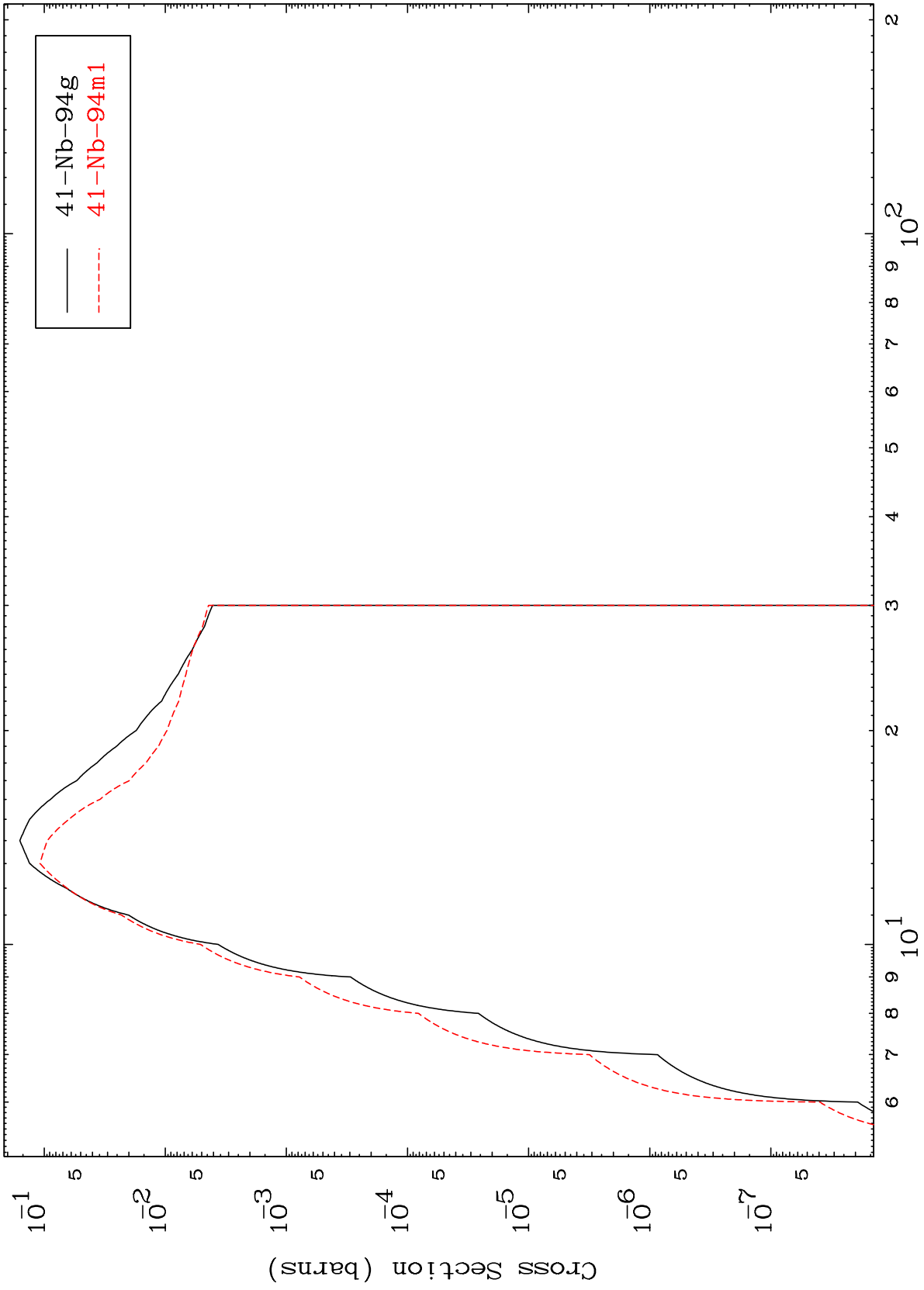


10

Incident Energy (MeV)

39-Y -91

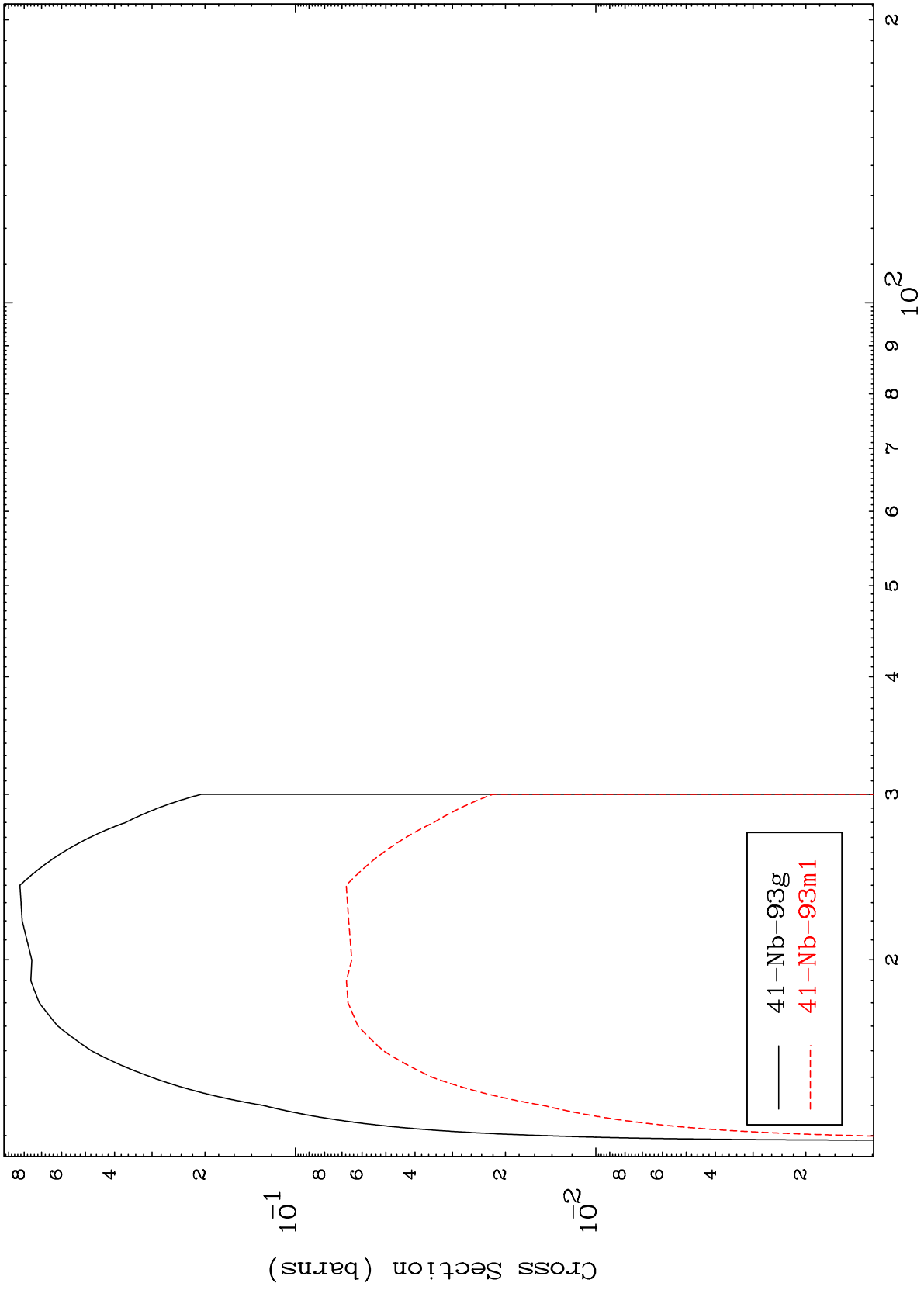
Radionuclide Production Cross Section
 α Inelastic



MAT 3932

39-Y -91

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



12

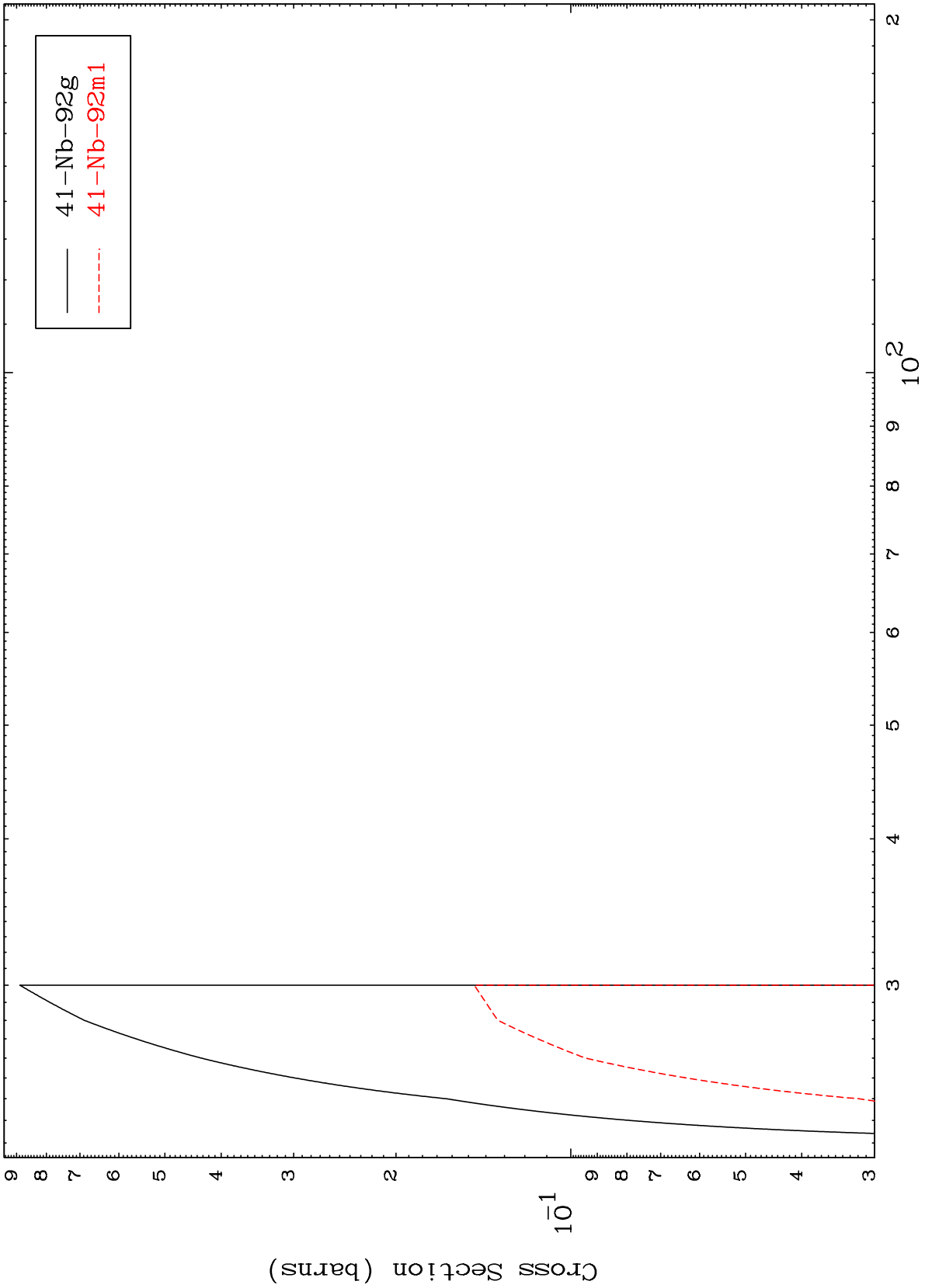
39-Y -91

MAT 3932

($\alpha, 3n$)

39-Y -91

Radionuclide Production Cross Section



41-Nb-92g
41-Nb-92m1

13

Incident Energy (MeV)

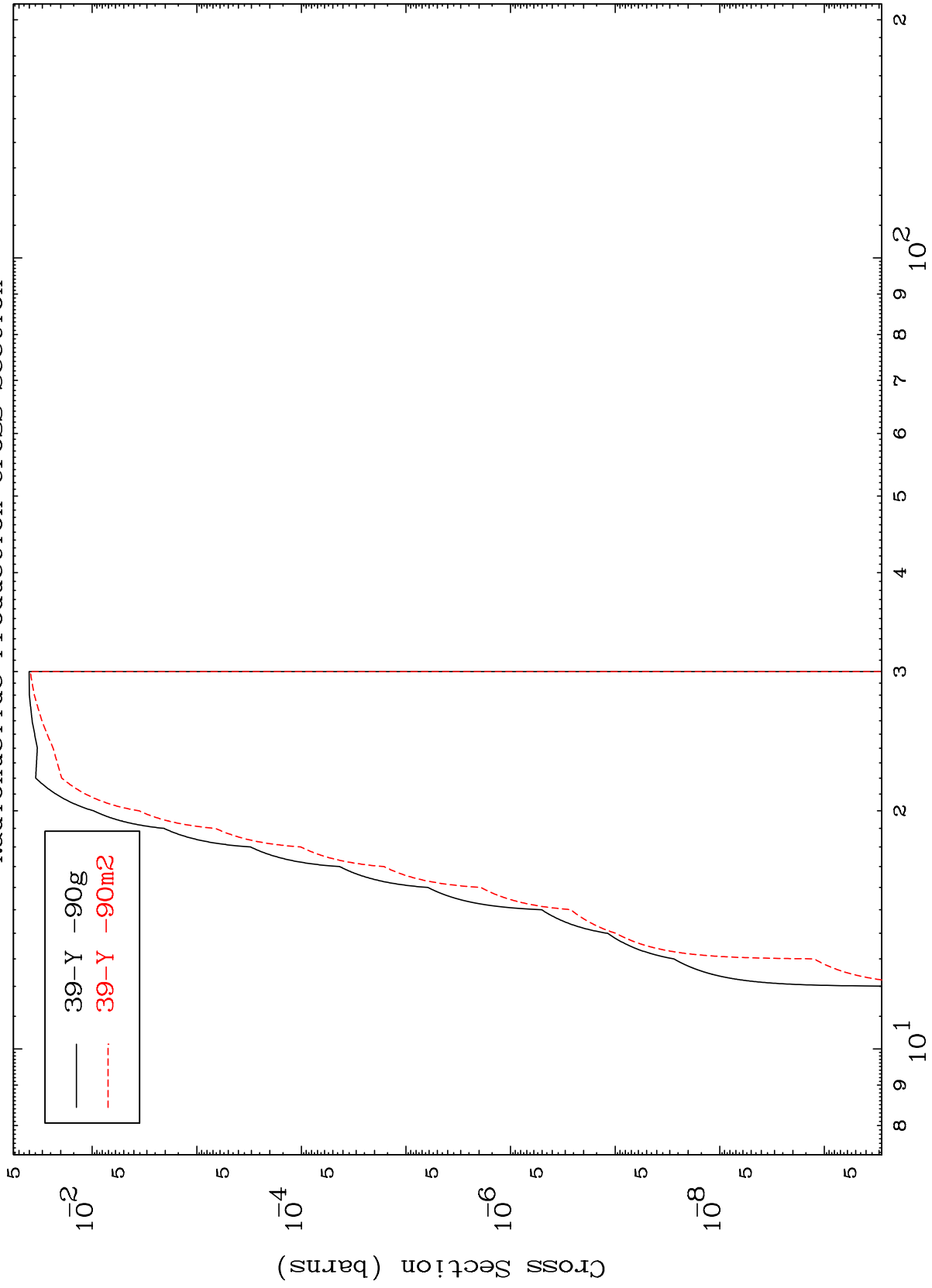
39-Y -91

MAT 3932

(α, n') α

39-Y -91

Radionuclide Production Cross Section



14

Incident Energy (MeV)

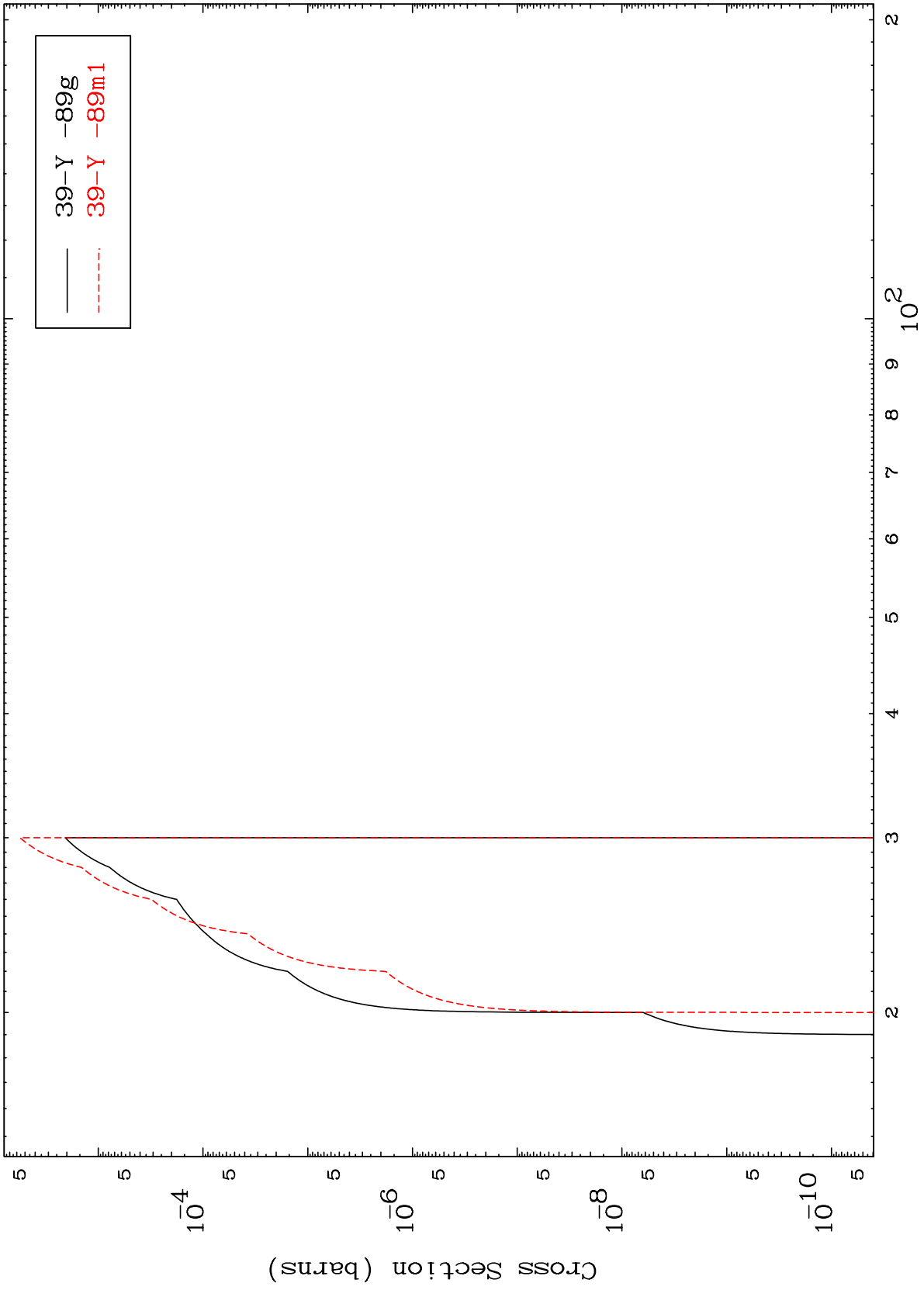
39-Y -91

MAT 3932

($\alpha, 2n$) α

39-Y -91

Radionuclide Production Cross Section



15

Incident Energy (MeV)

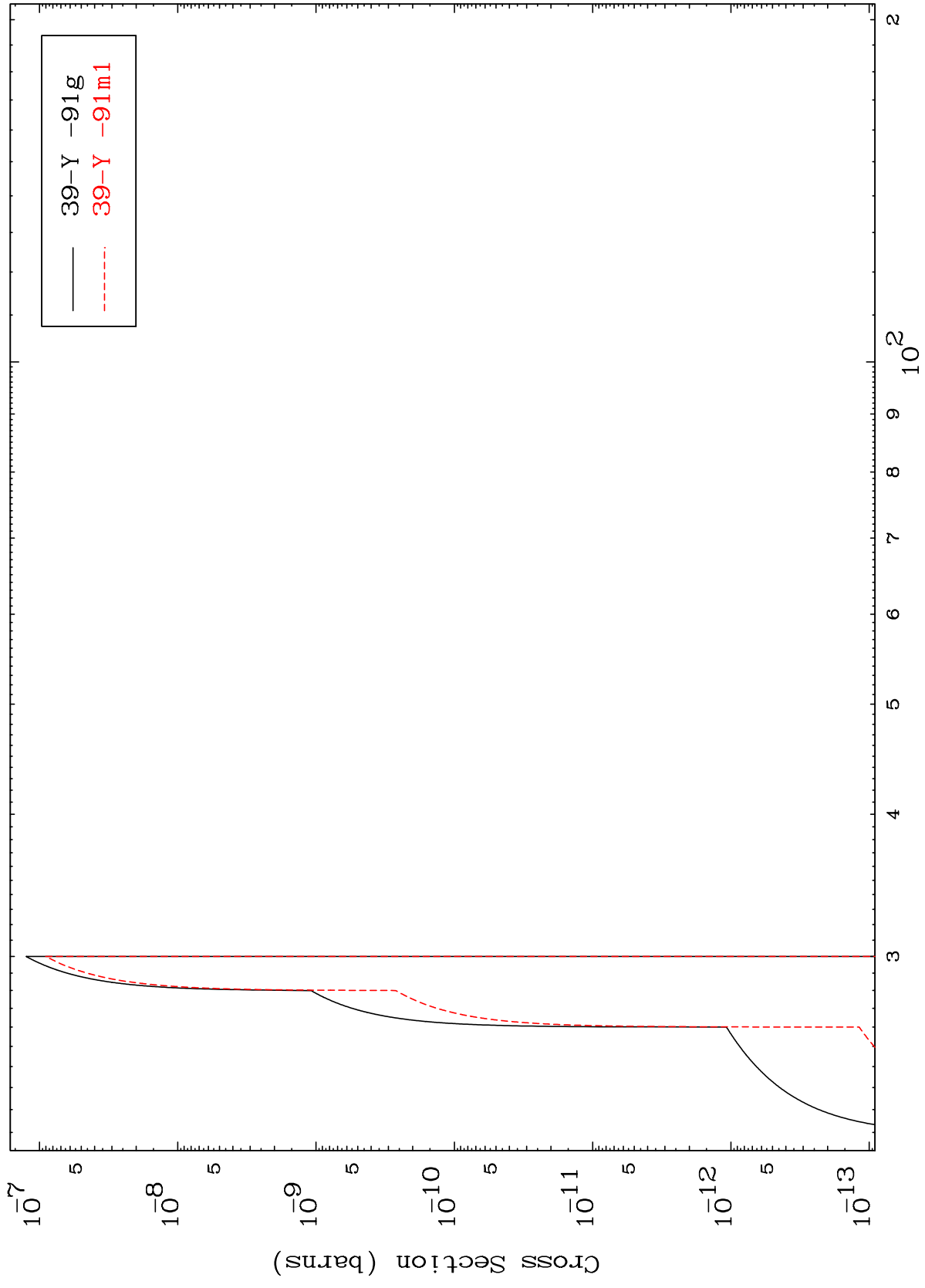
39-Y -91

MAT 3932

(α, n') He-3

39-Y -91

Radionuclide Production Cross Section



16

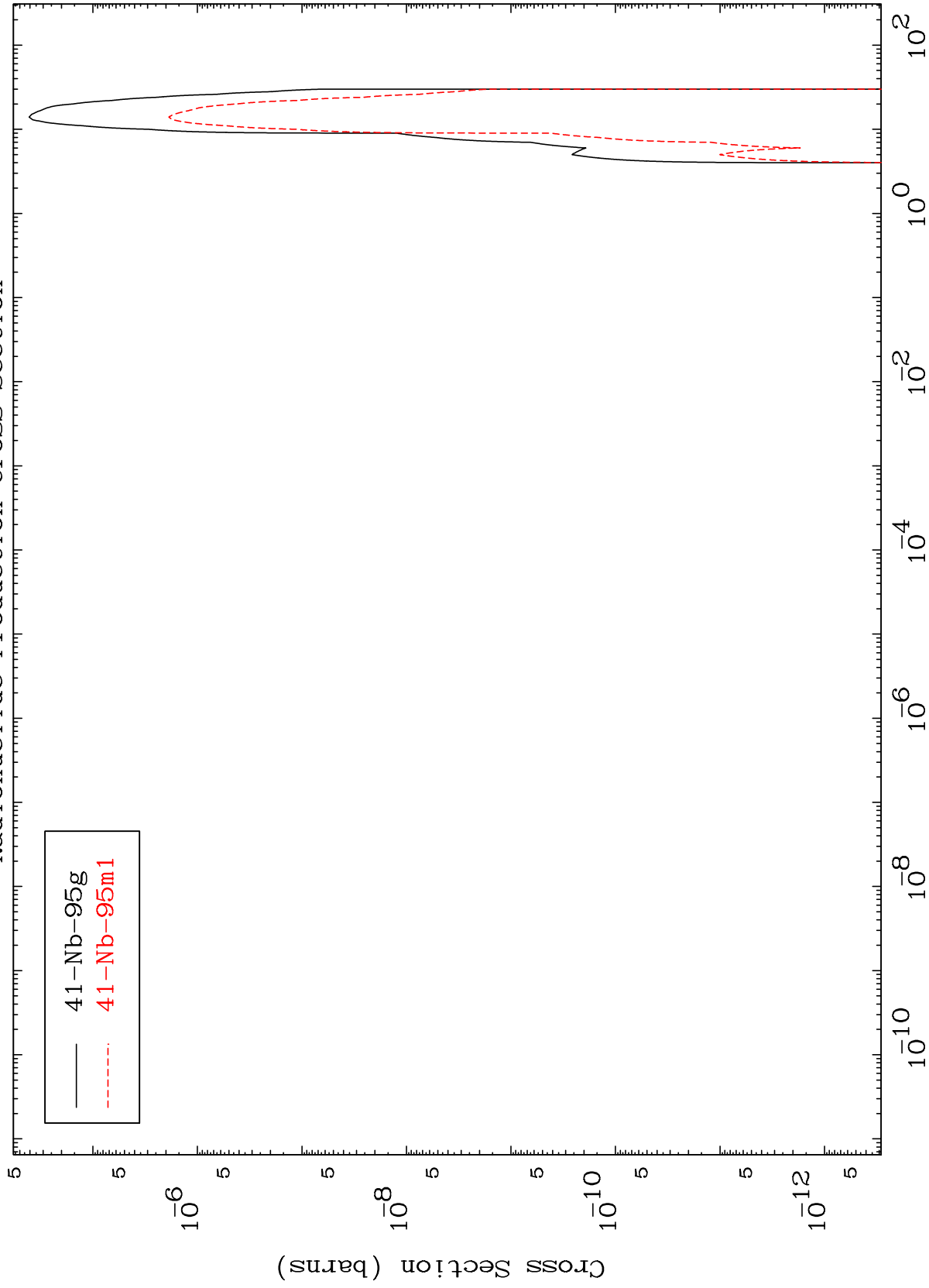
Incident Energy (MeV)

39-Y -91

MAT 3932

Radionuclide Production Cross Section
(α, γ)

39-Y -91



17

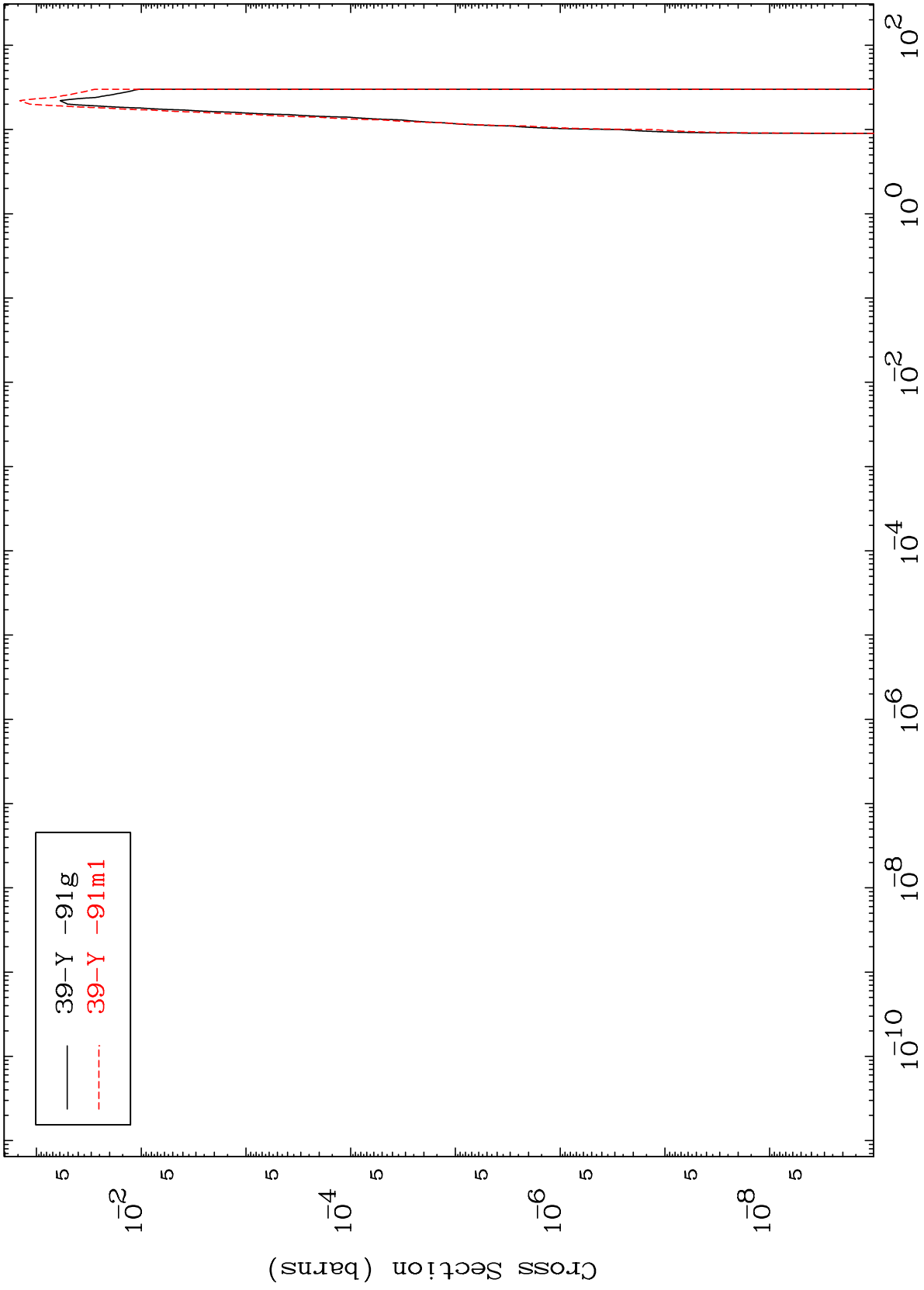
Incident Energy (MeV)

39-Y -91

MAT 3932

39-Y -91

(α, α)
Radionuclide Production Cross Section



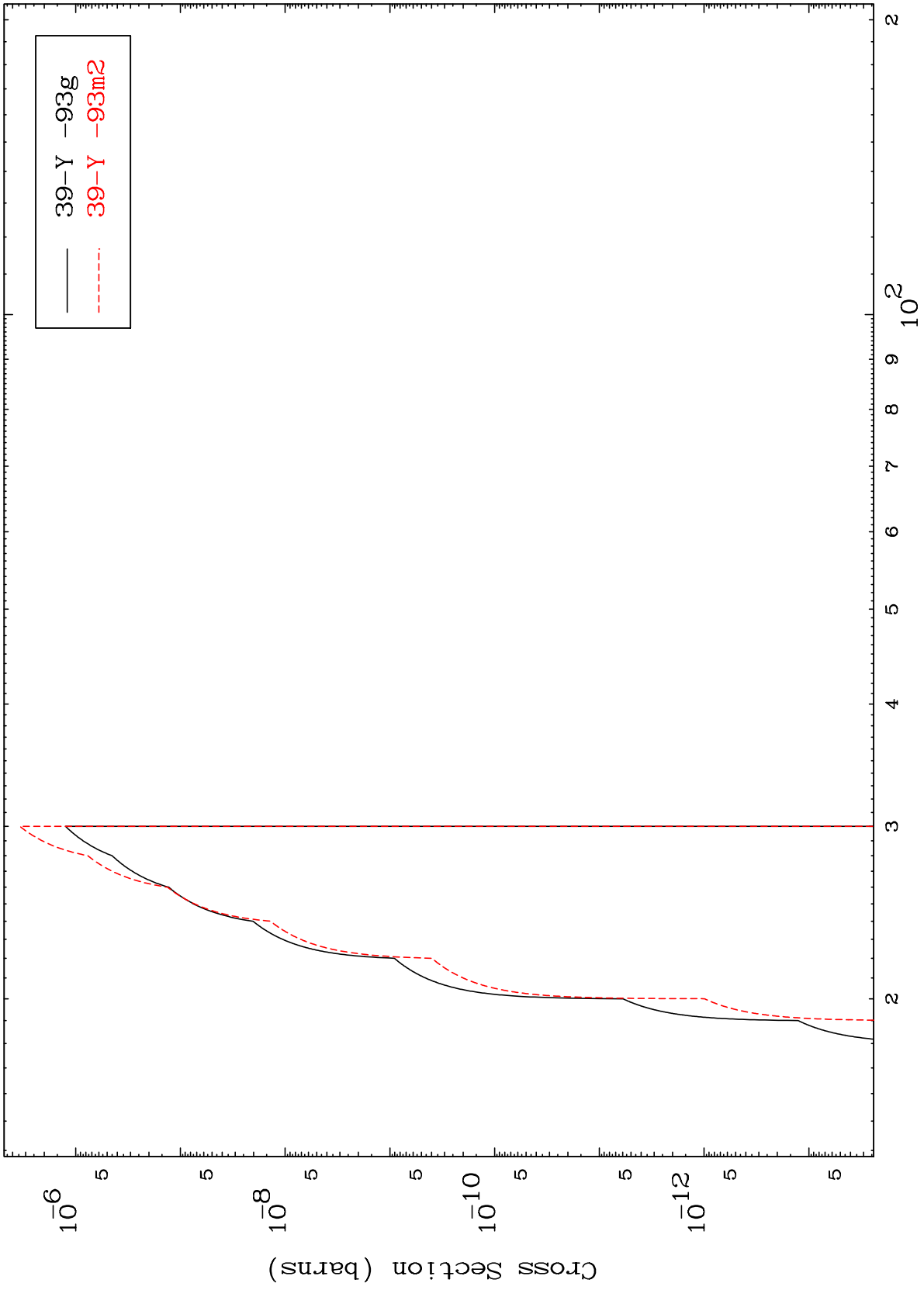
18

39-Y -91

MAT 3932

39-Y -91

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



19

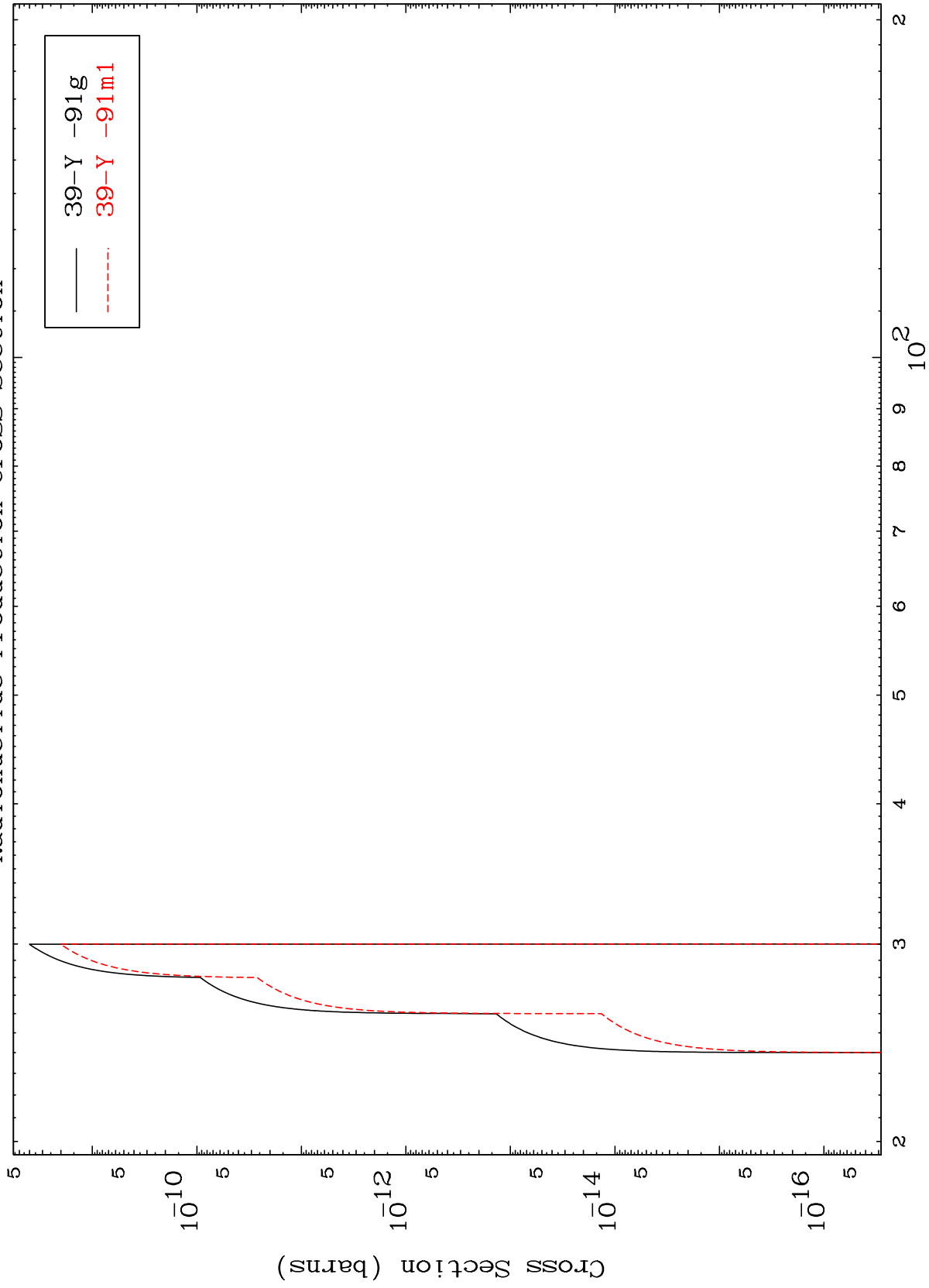
39-Y -91

MAT 3932

(α, p) t

39-Y -91

Radionuclide Production Cross Section



20

Incident Energy (MeV)

39-Y -91