

Program EVALPLOT
(Version 2021-1)

by

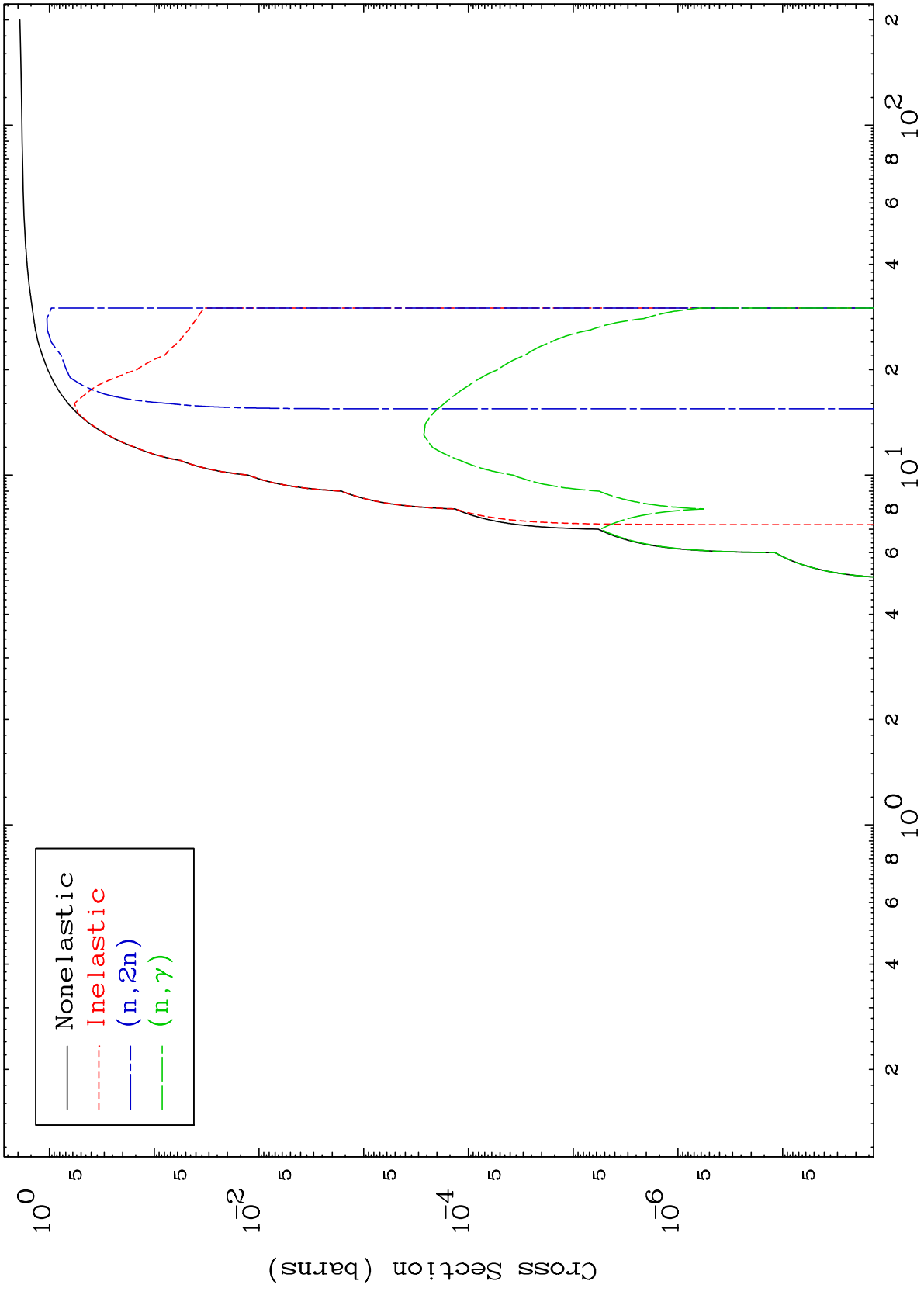
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

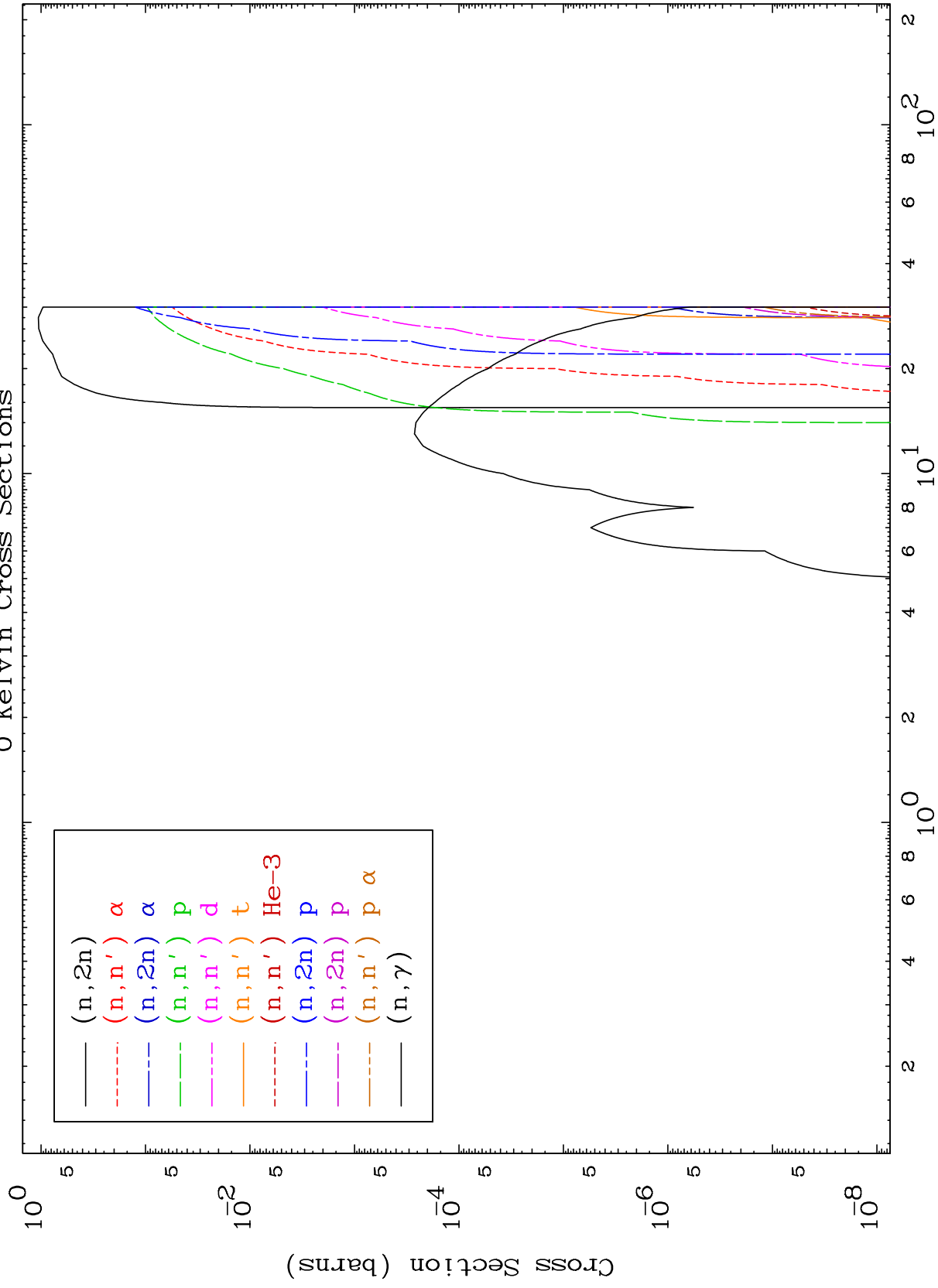
Press Mouse Button to Start



MAT 3925

α Neutron Absorption
0 Kelvin Cross Sections

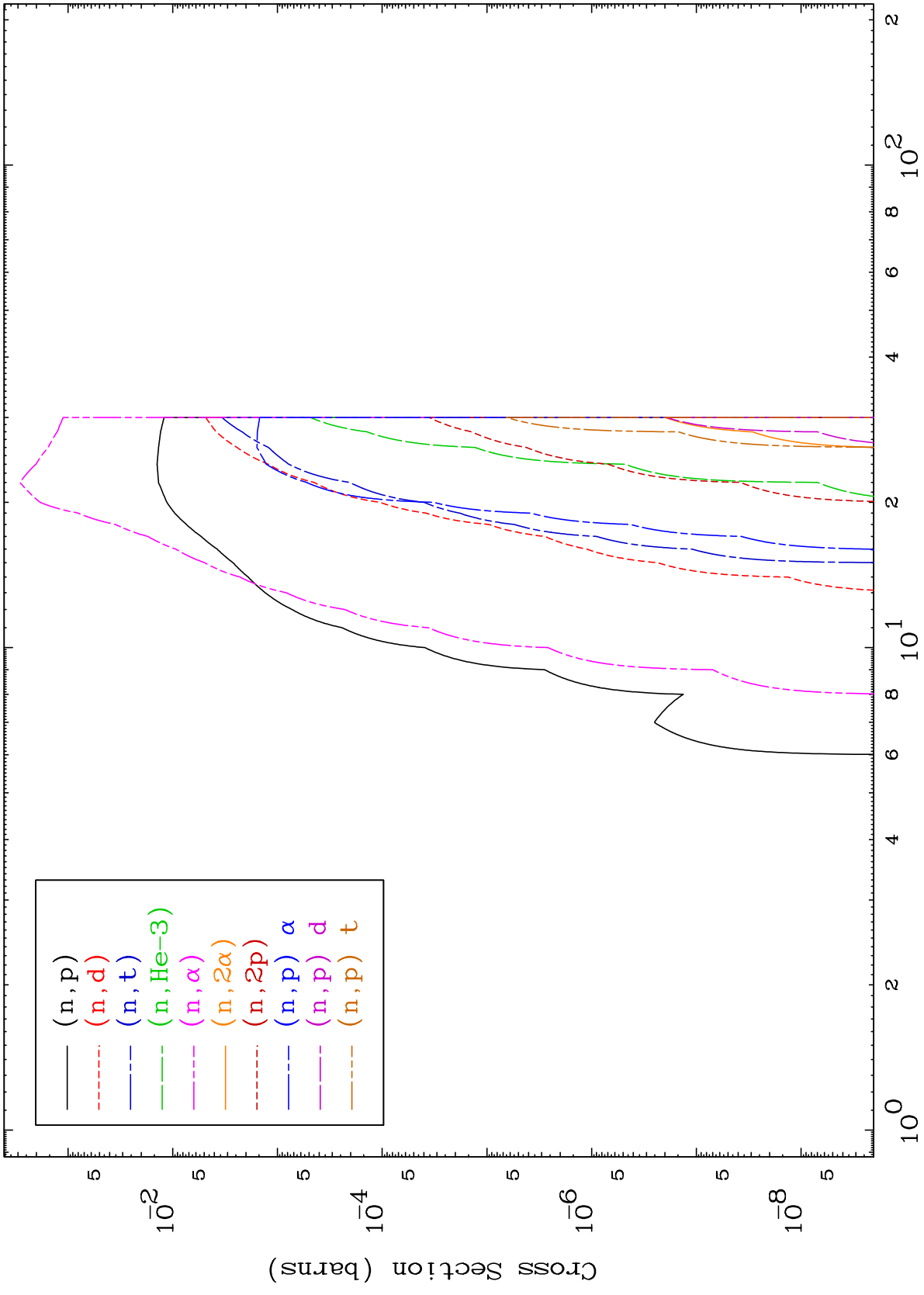
39-Y -89

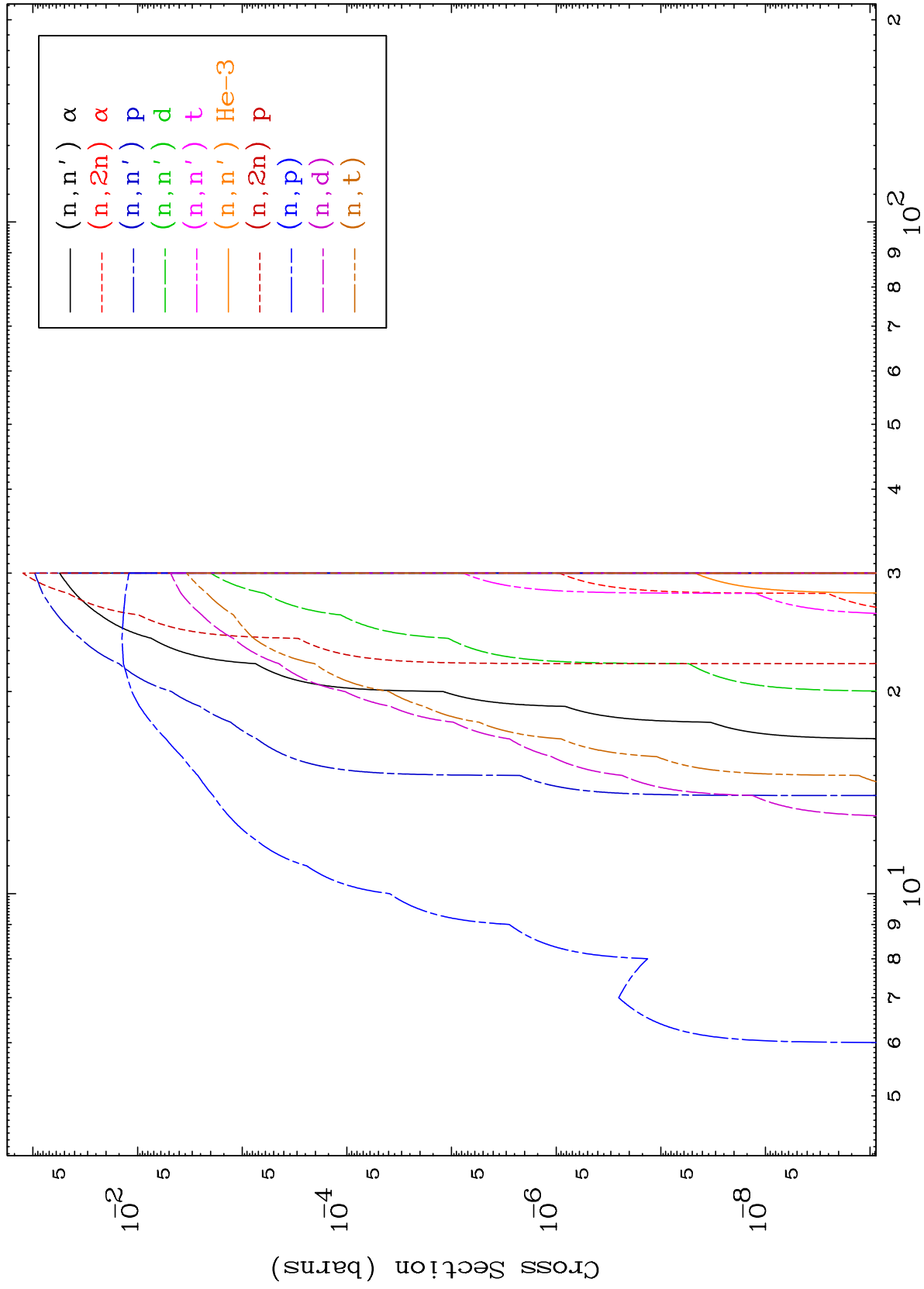


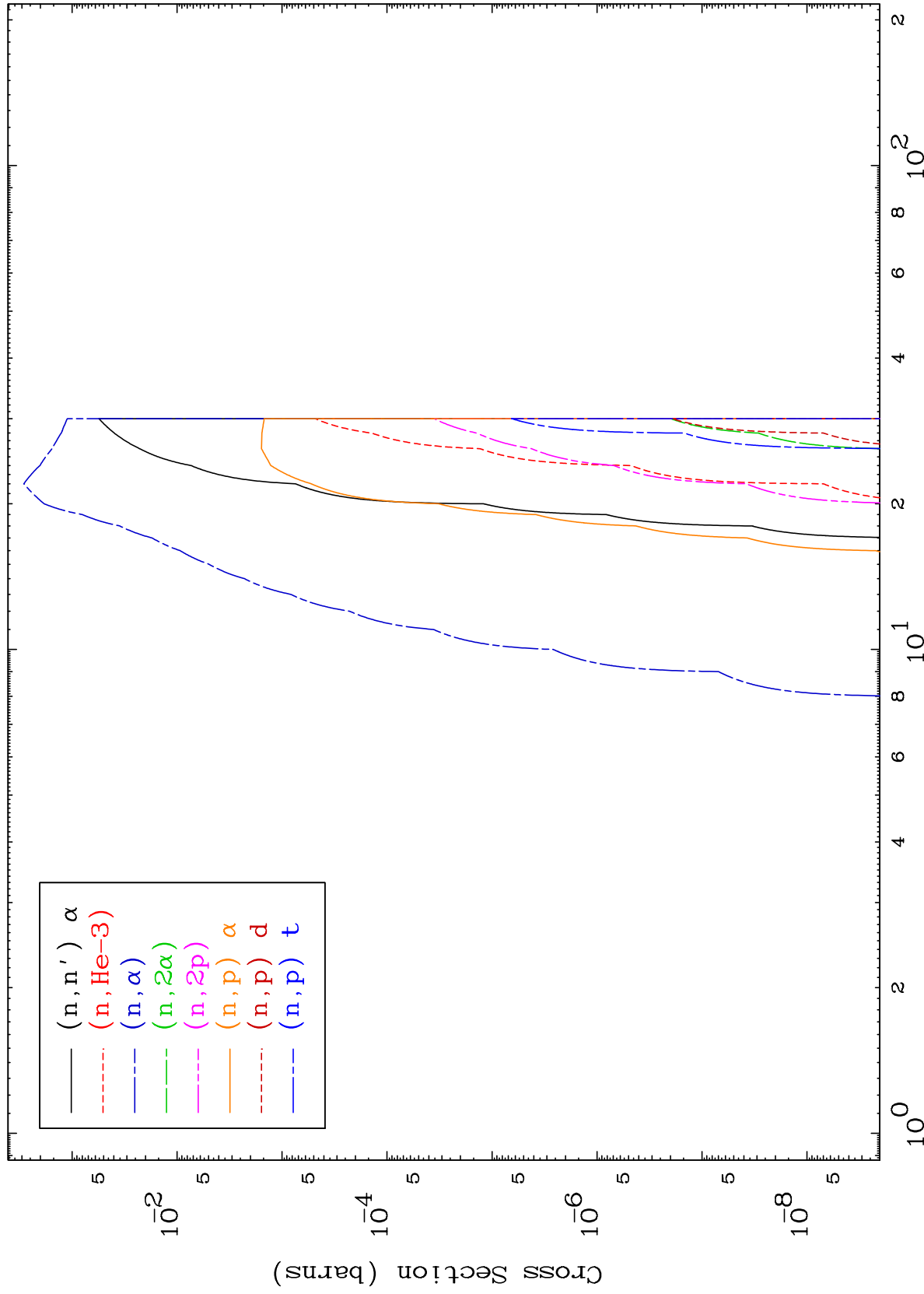
2

Incident Energy (MeV)

39-Y -89



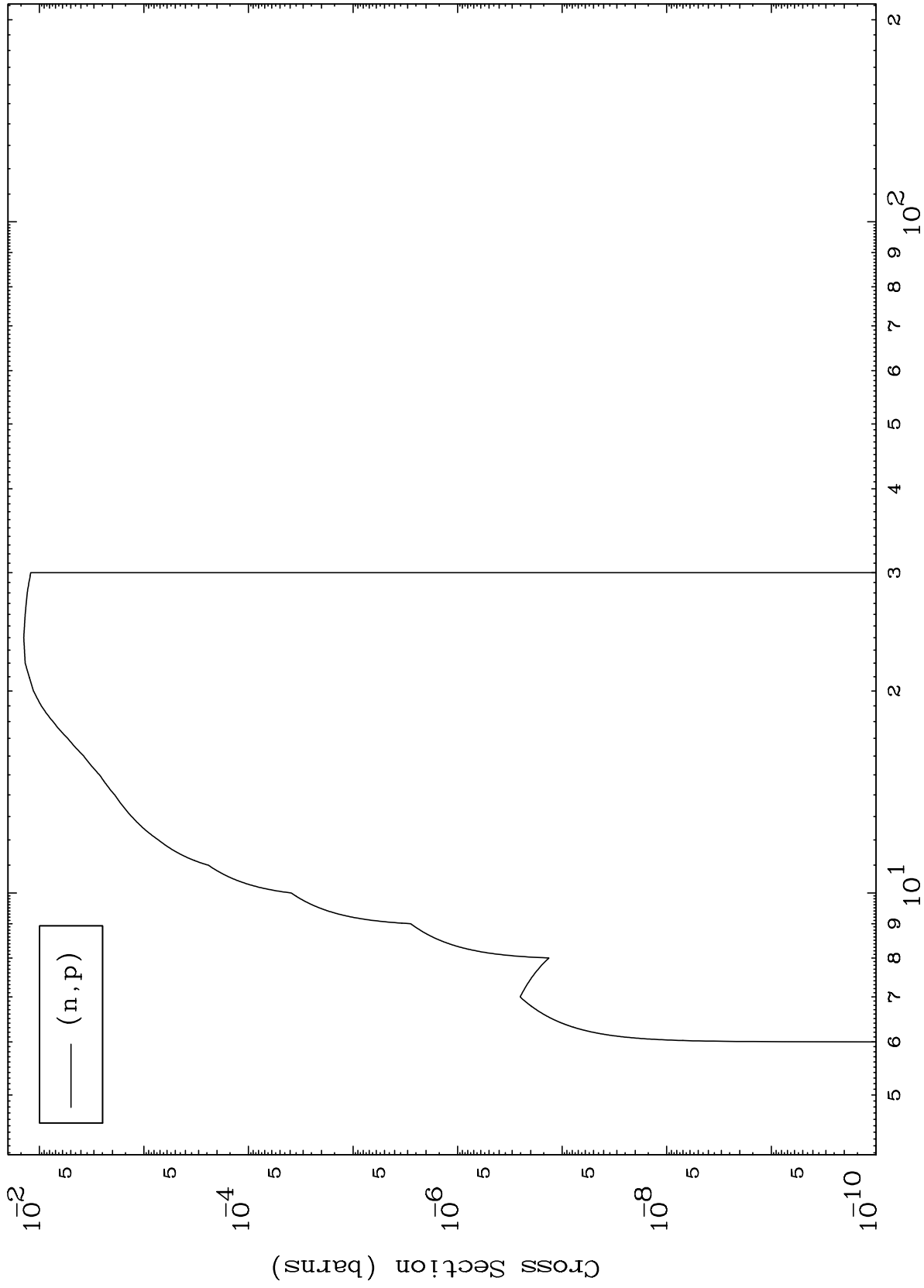




MAT 3925

39-Y -89

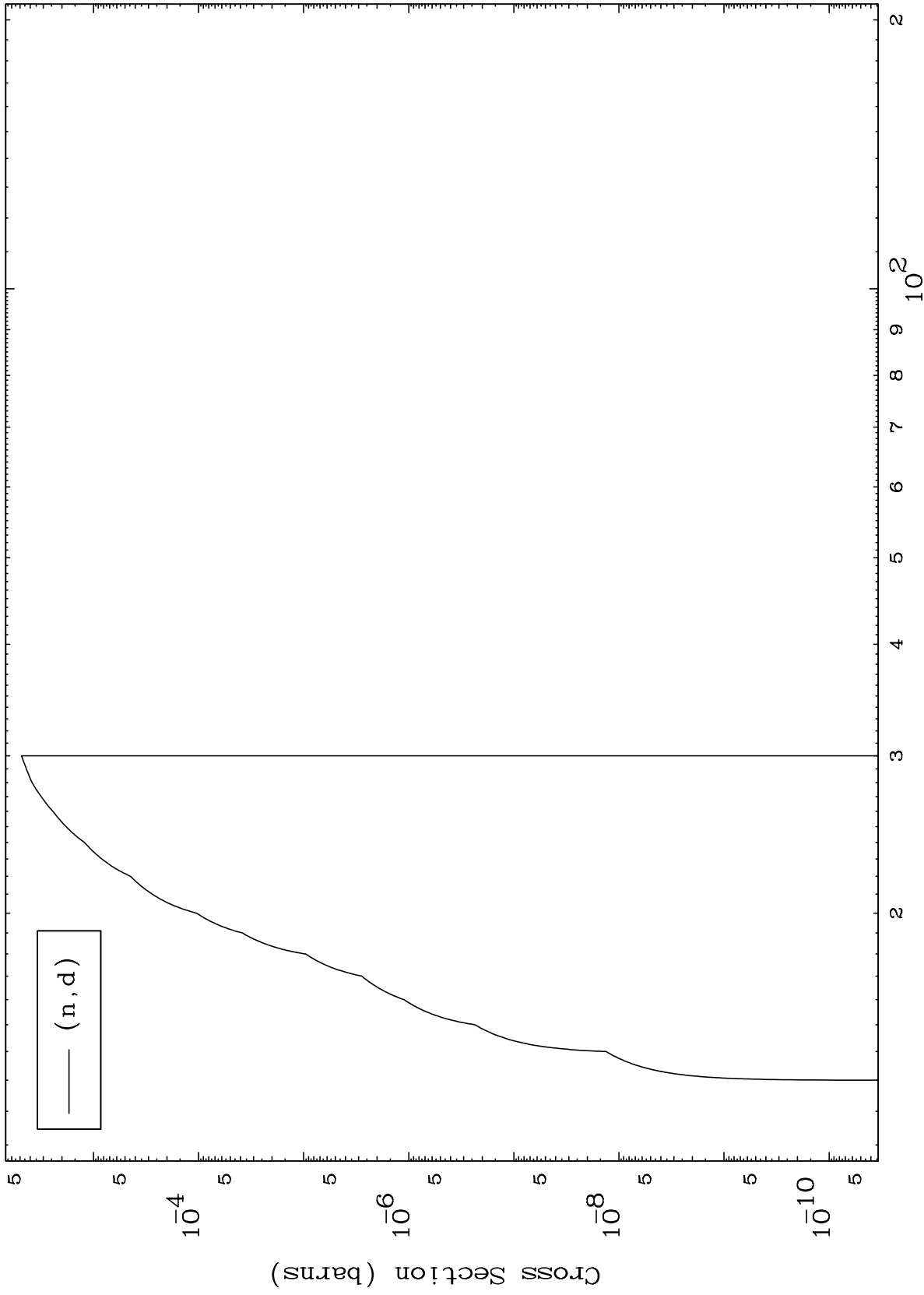
(α, p) Levels
0 Kelvin Cross Sections

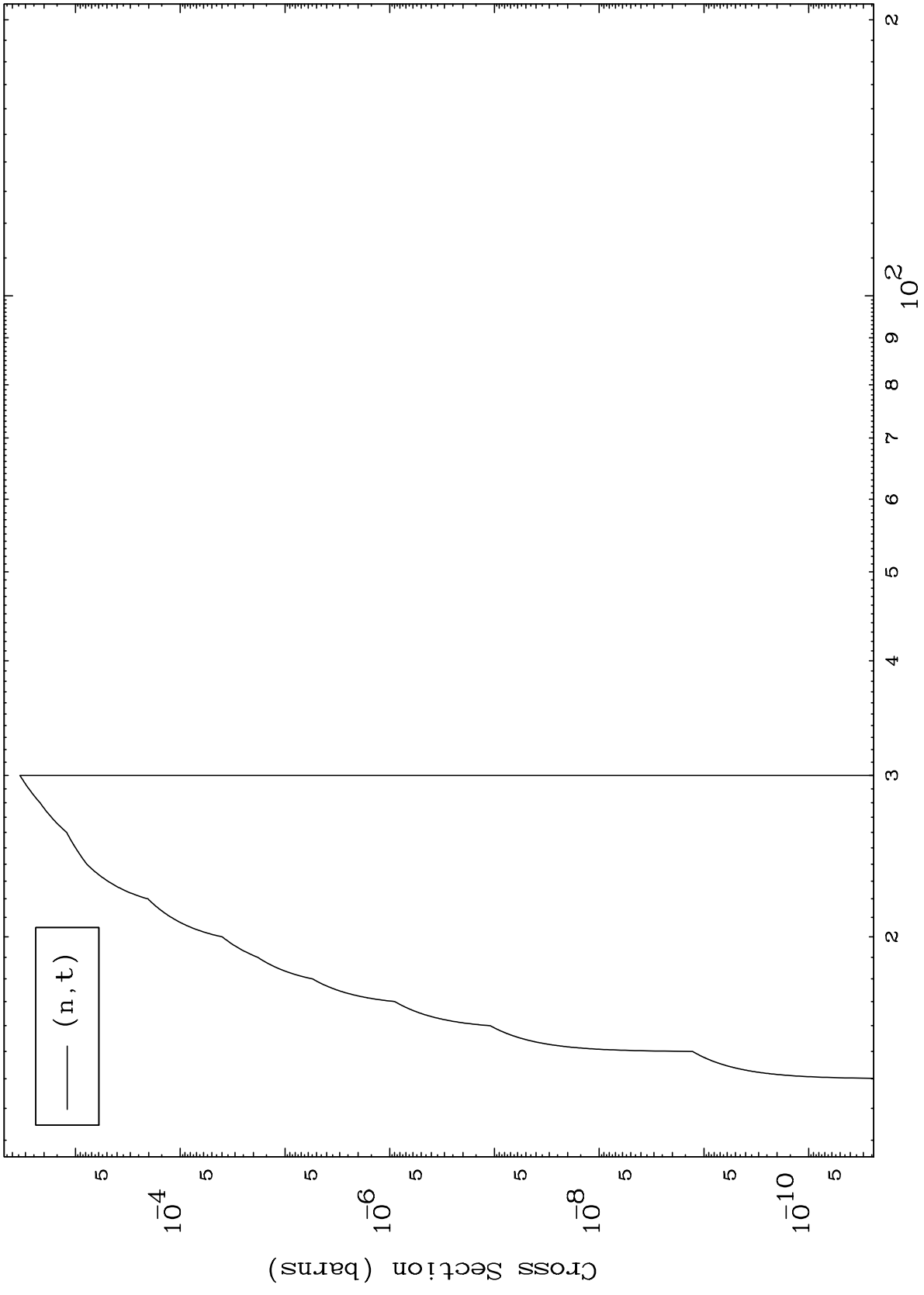


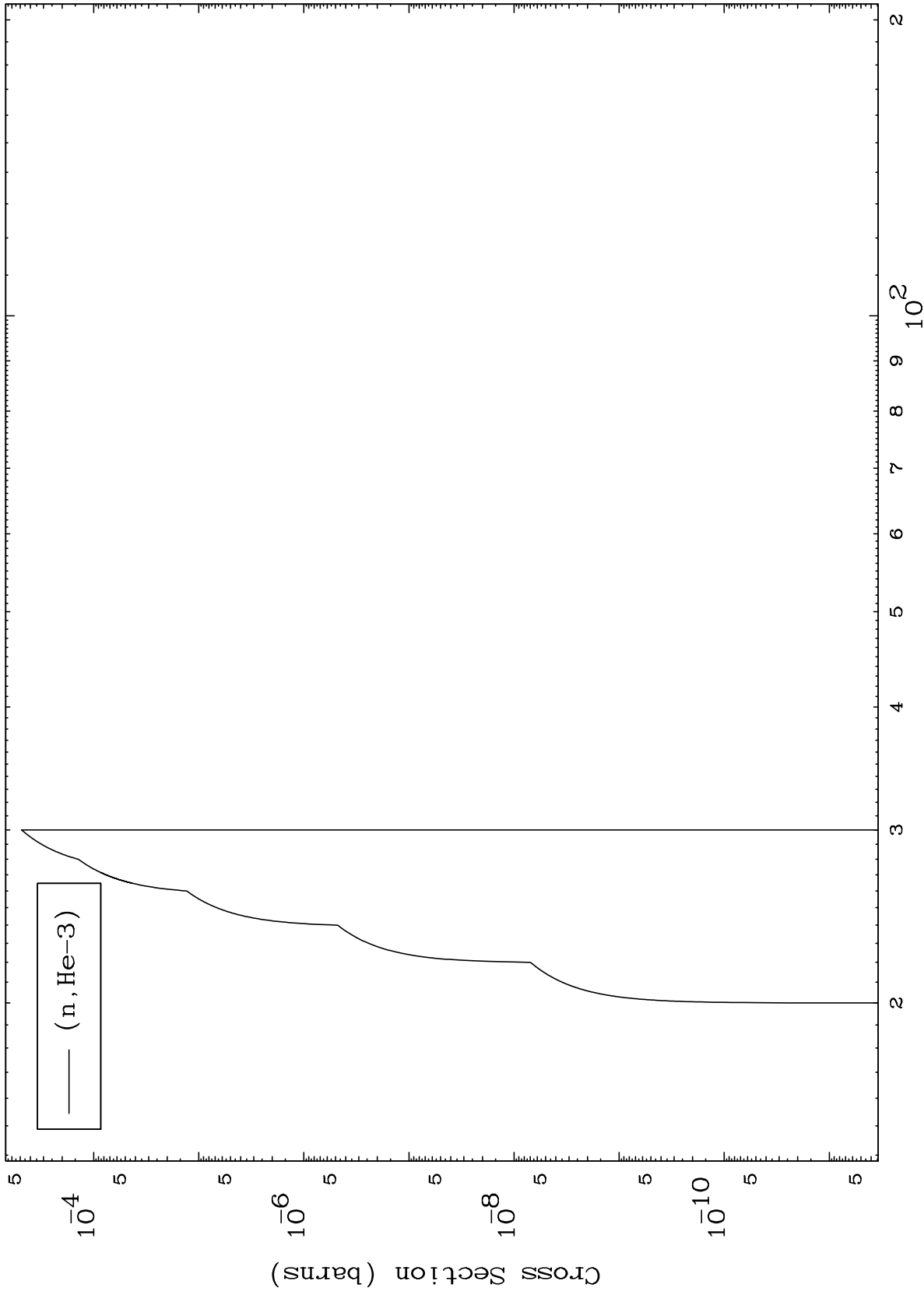
6

Incident Energy (MeV)

39-Y -89



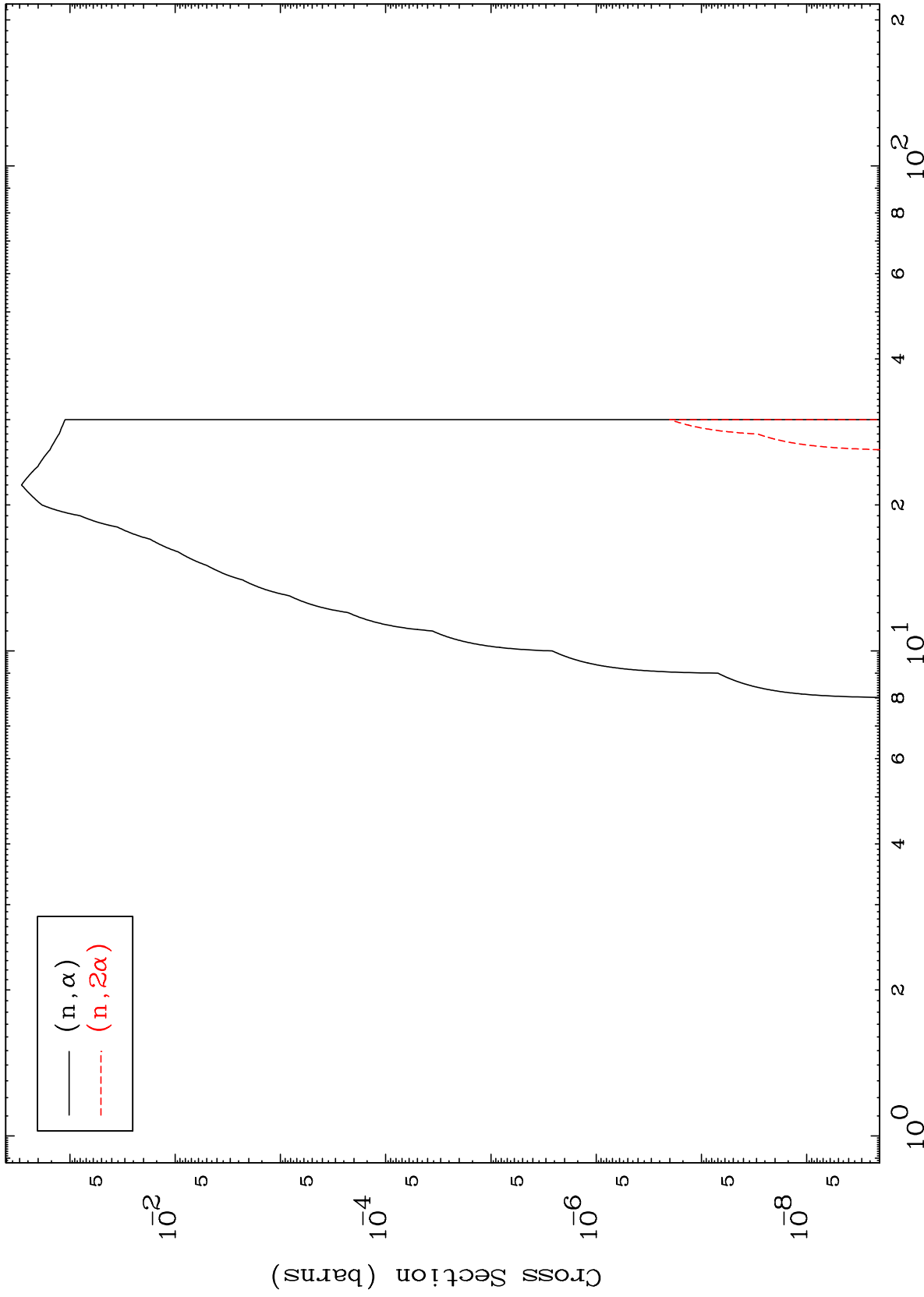




MAT 3925

(α, α) Levels
0 Kelvin Cross Sections

39-Y -89



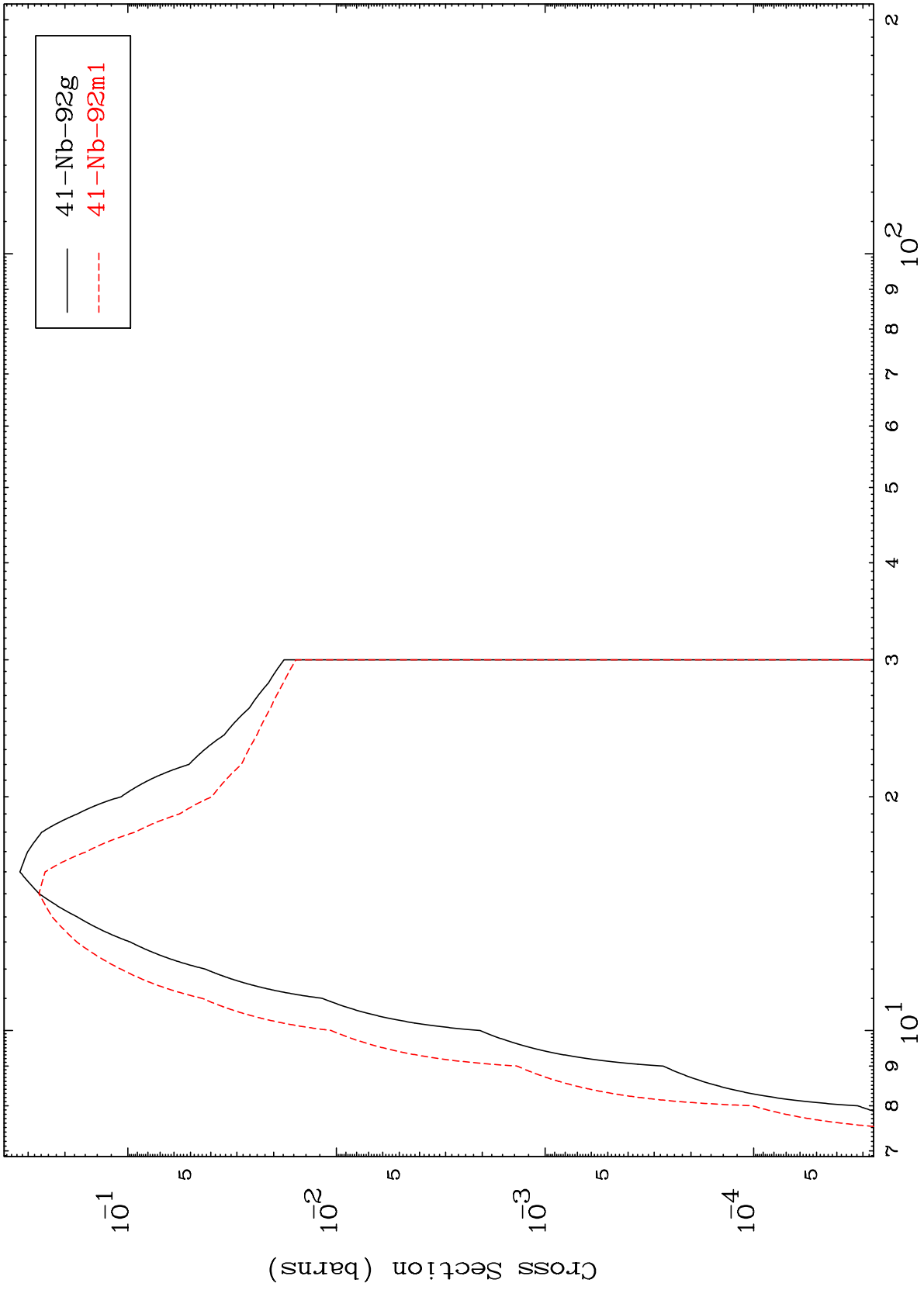
Incident Energy (MeV)

39-Y -89

MAT 3925

39-Y -89

Inelastic
Radionuclide Production Cross Section



11

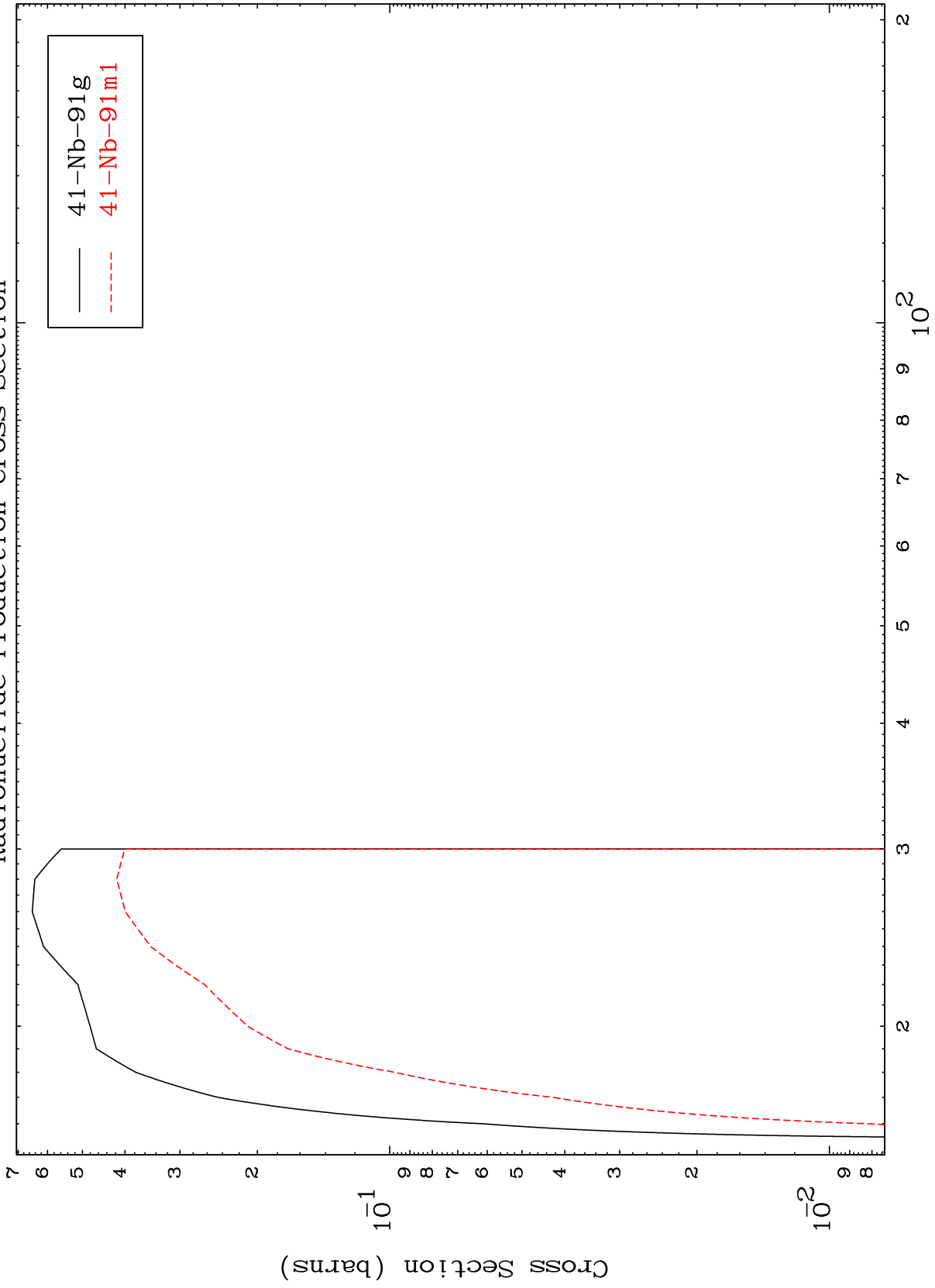
Incident Energy (MeV)

39-Y -89

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39-Y -89

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

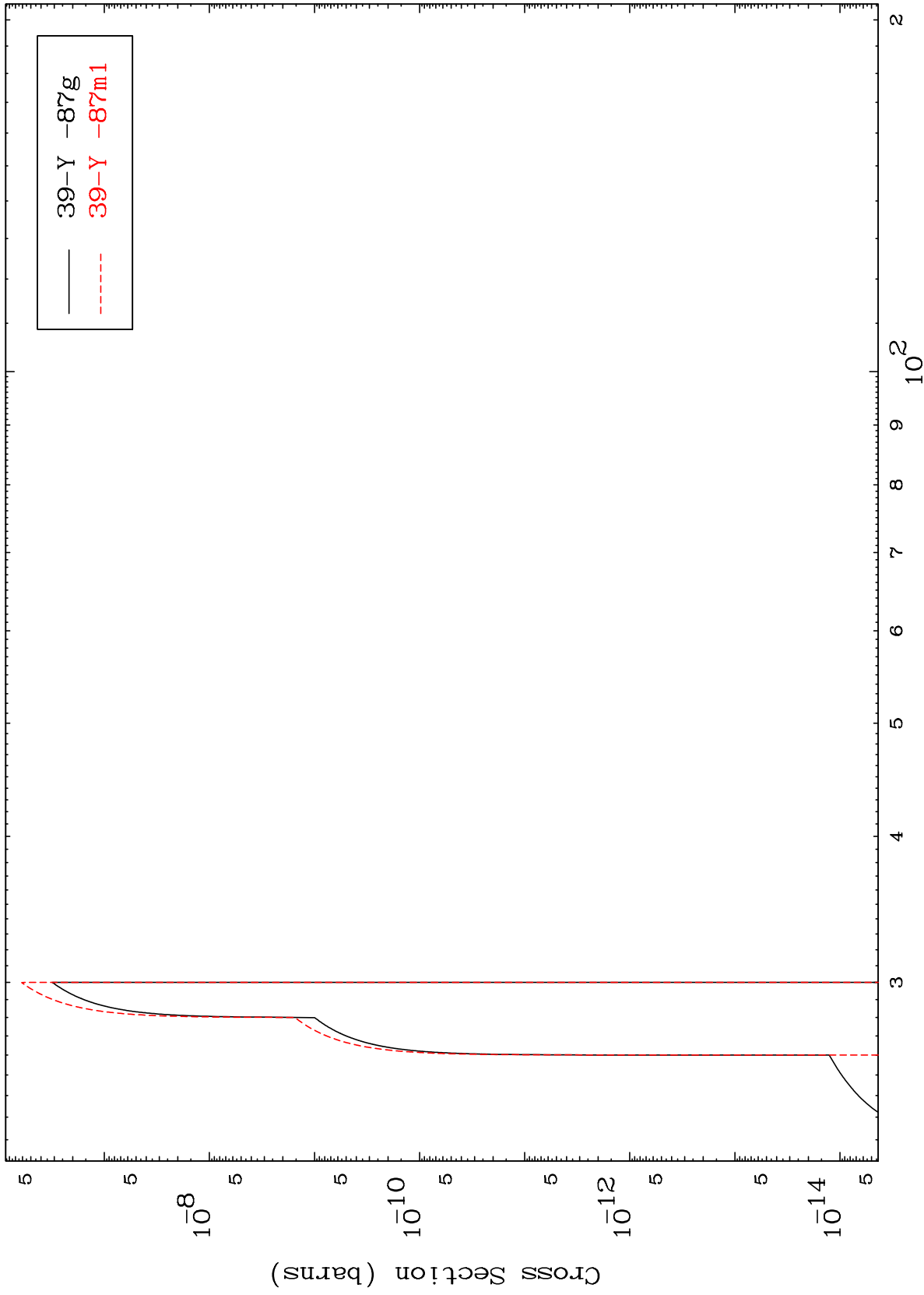
39-Y -89

MAT 3925

(n,2n) α

39-Y -89

Radionuclide Production Cross Section



13

Incident Energy (MeV)

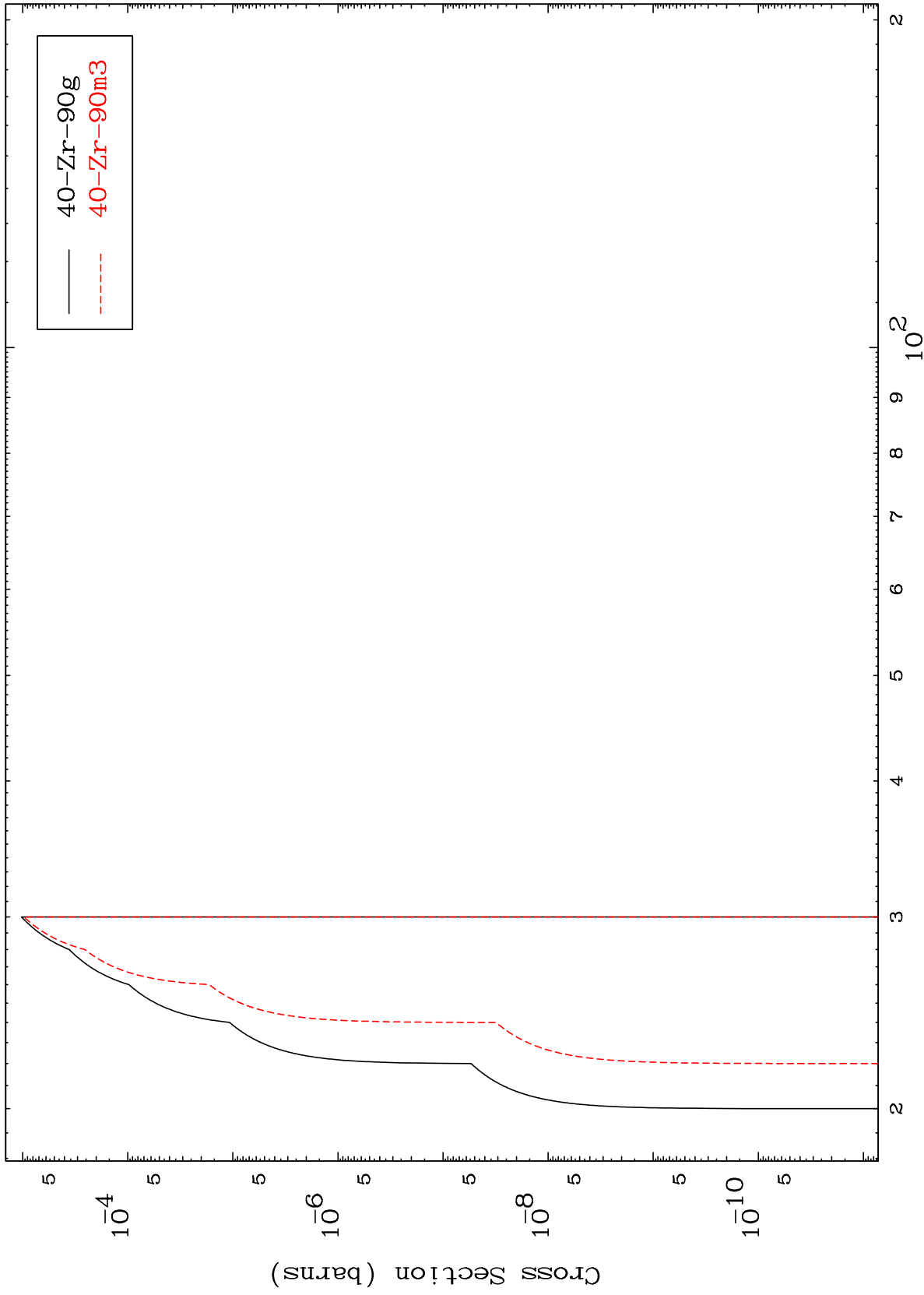
39-Y -89

MAT 3925

(n,n') d

39-Y -89

Radionuclide Production Cross Section

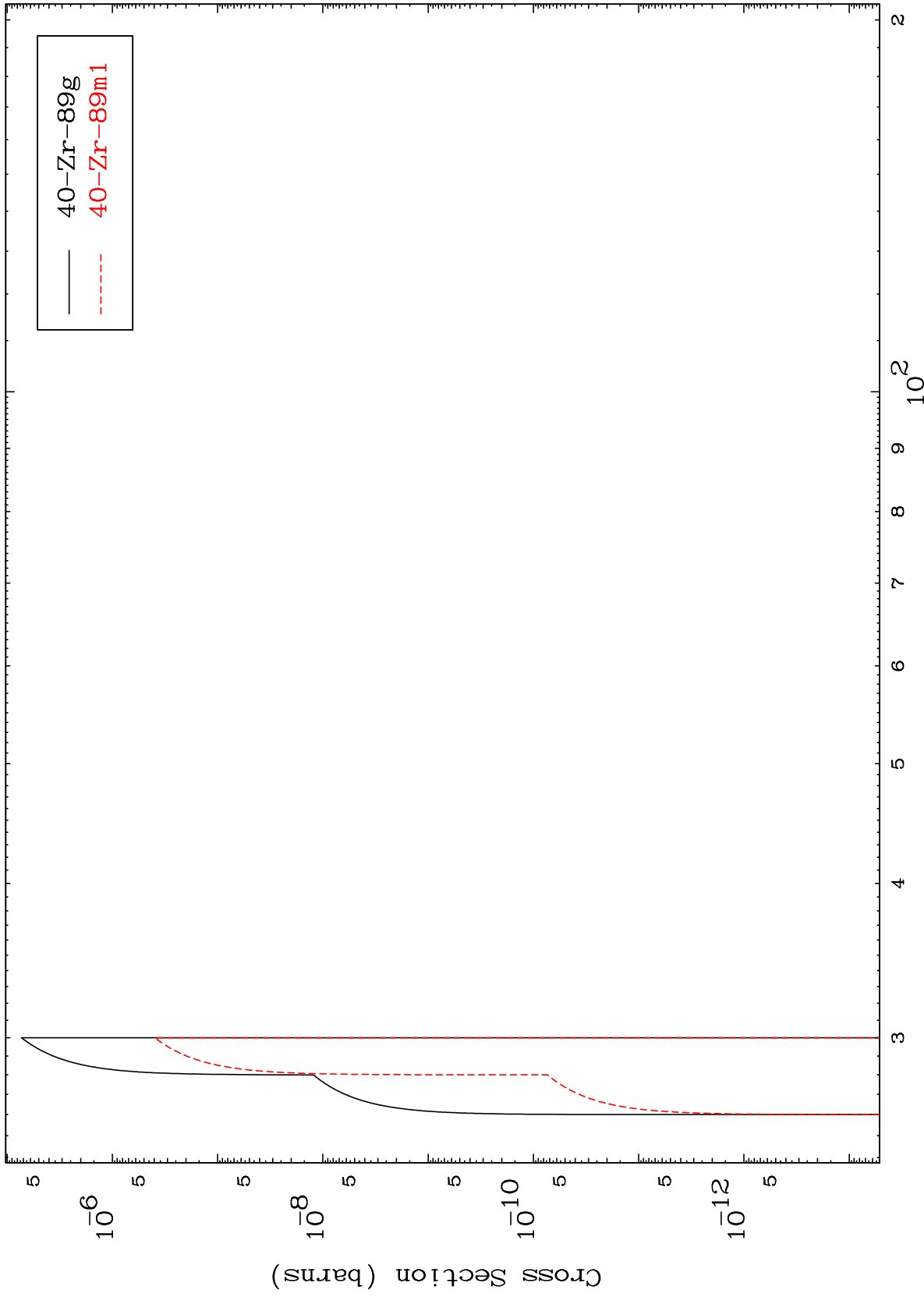


14

Incident Energy (MeV)

39-Y -89

Radionuclide Production Cross Section

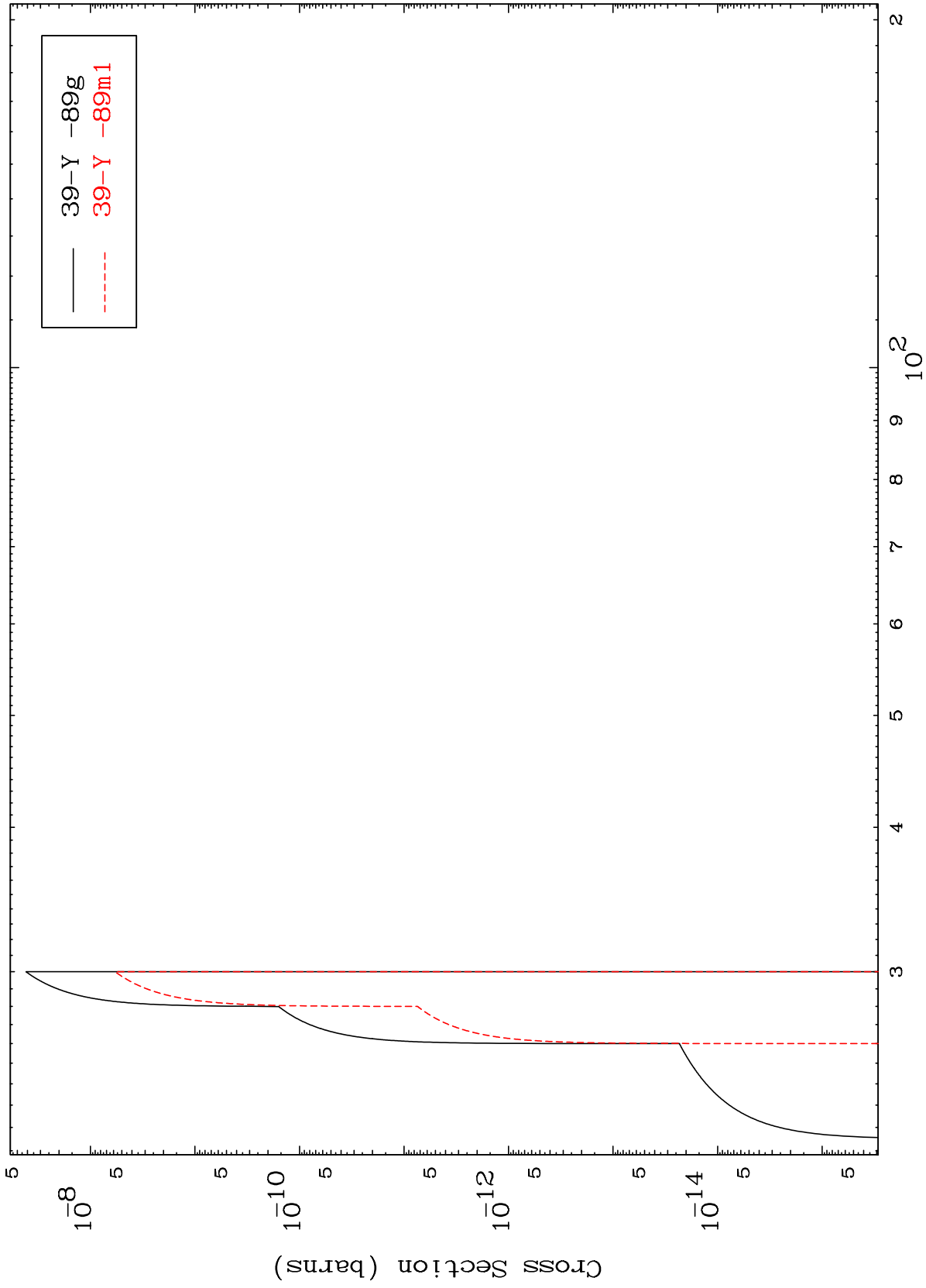


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(n, n') He-3

39-Y -89

Radionuclide Production Cross Section

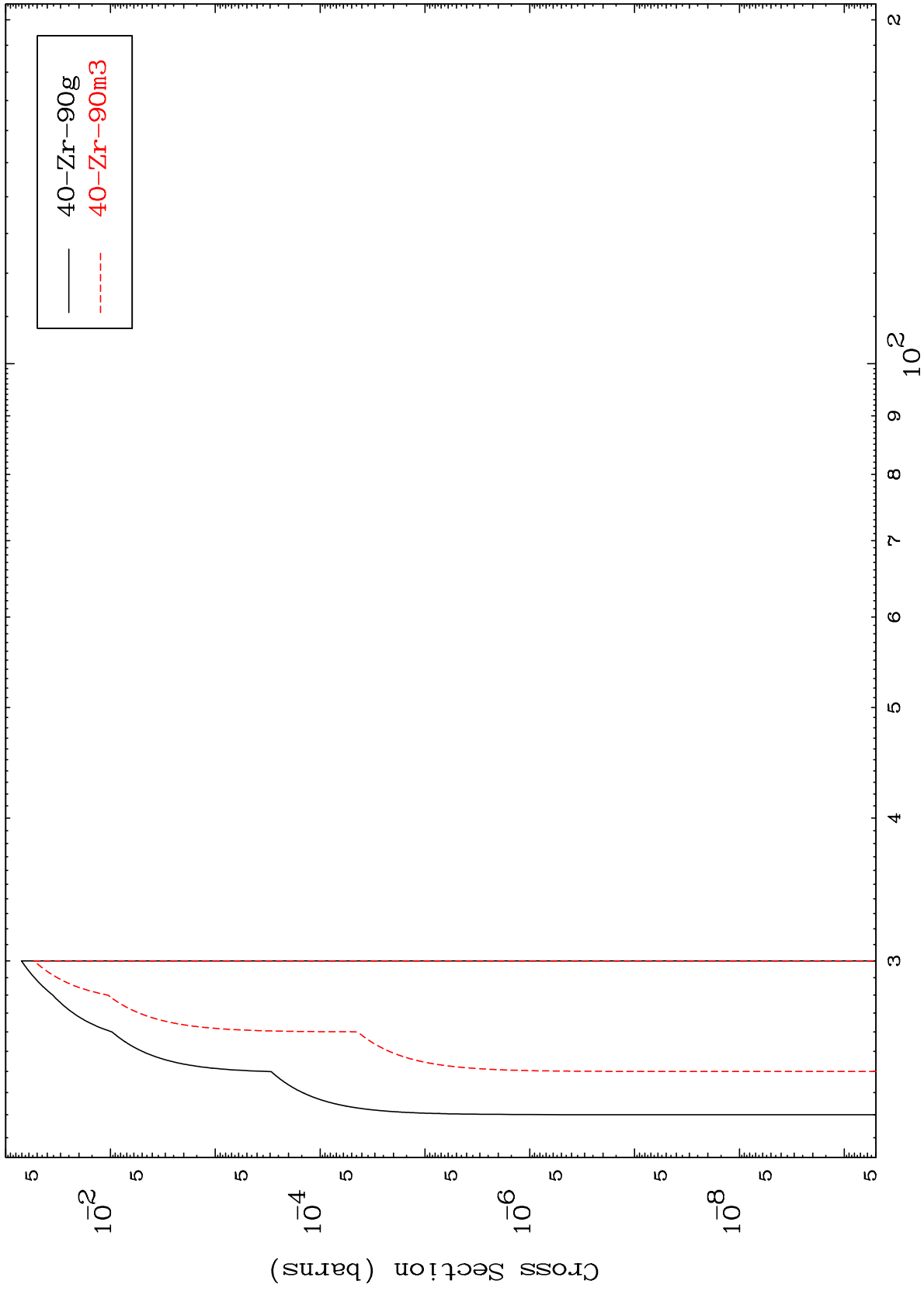


16

Incident Energy (MeV)

39-Y -89

Radionuclide Production Cross Section

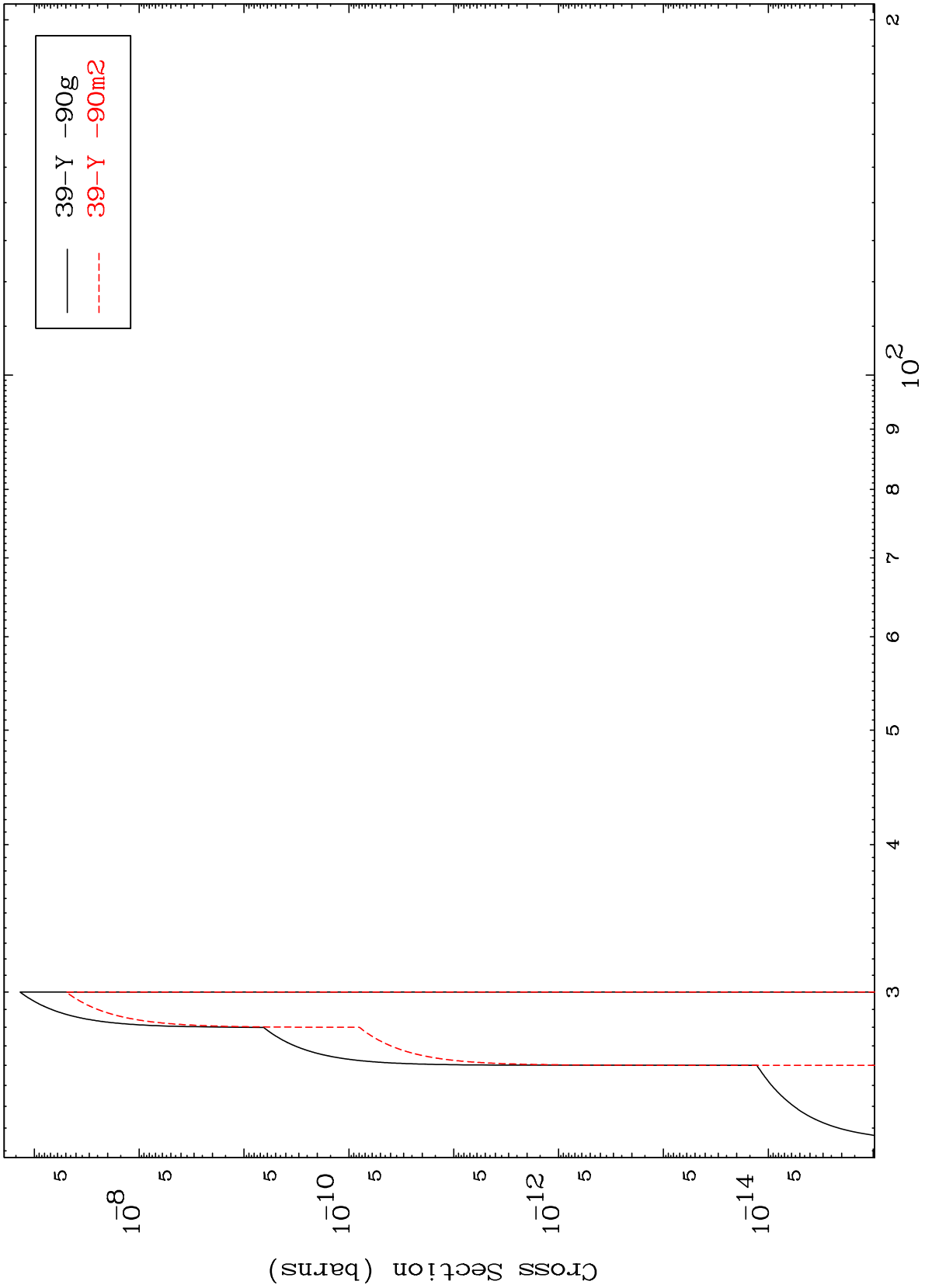


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(n,2n) p

39-Y -89

Radionuclide Production Cross Section



18

Incident Energy (MeV)

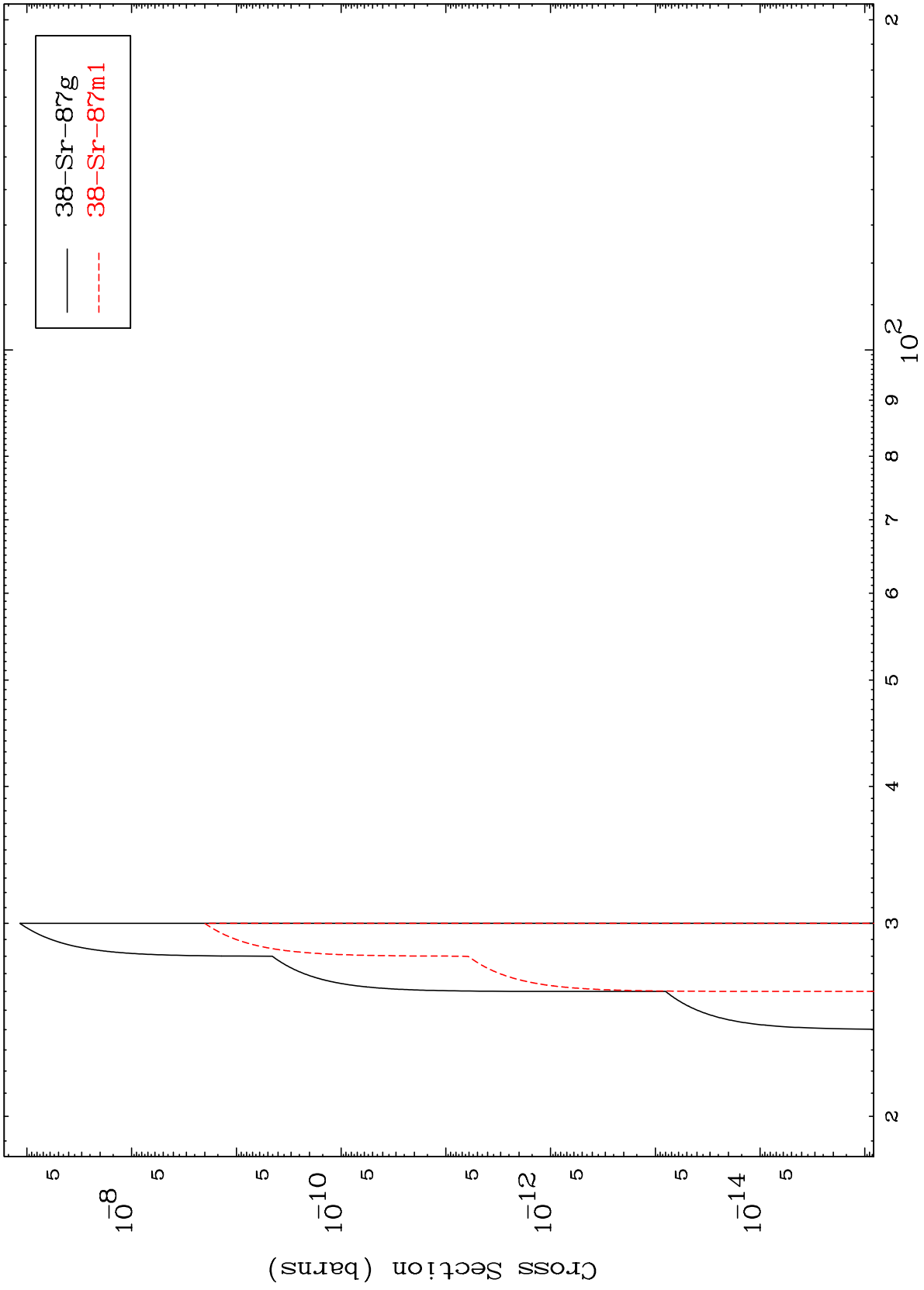
39-Y -89

MAT 3925

(n,n') p α

39-Y -89

Radionuclide Production Cross Section



19

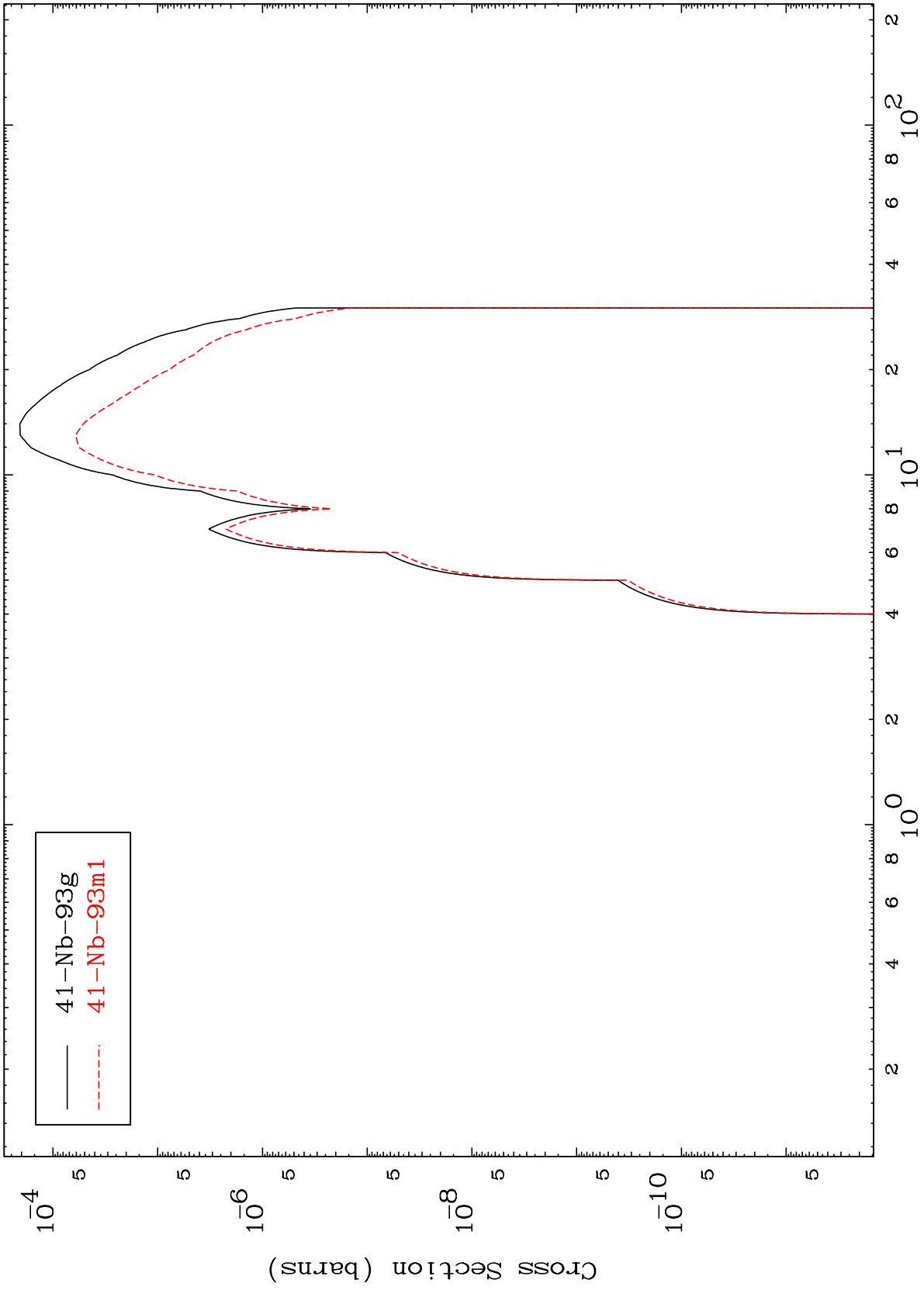
Incident Energy (MeV)

39-Y -89

MAT 3925

39-Y -89

Radionuclide Production Cross Section (n,γ)

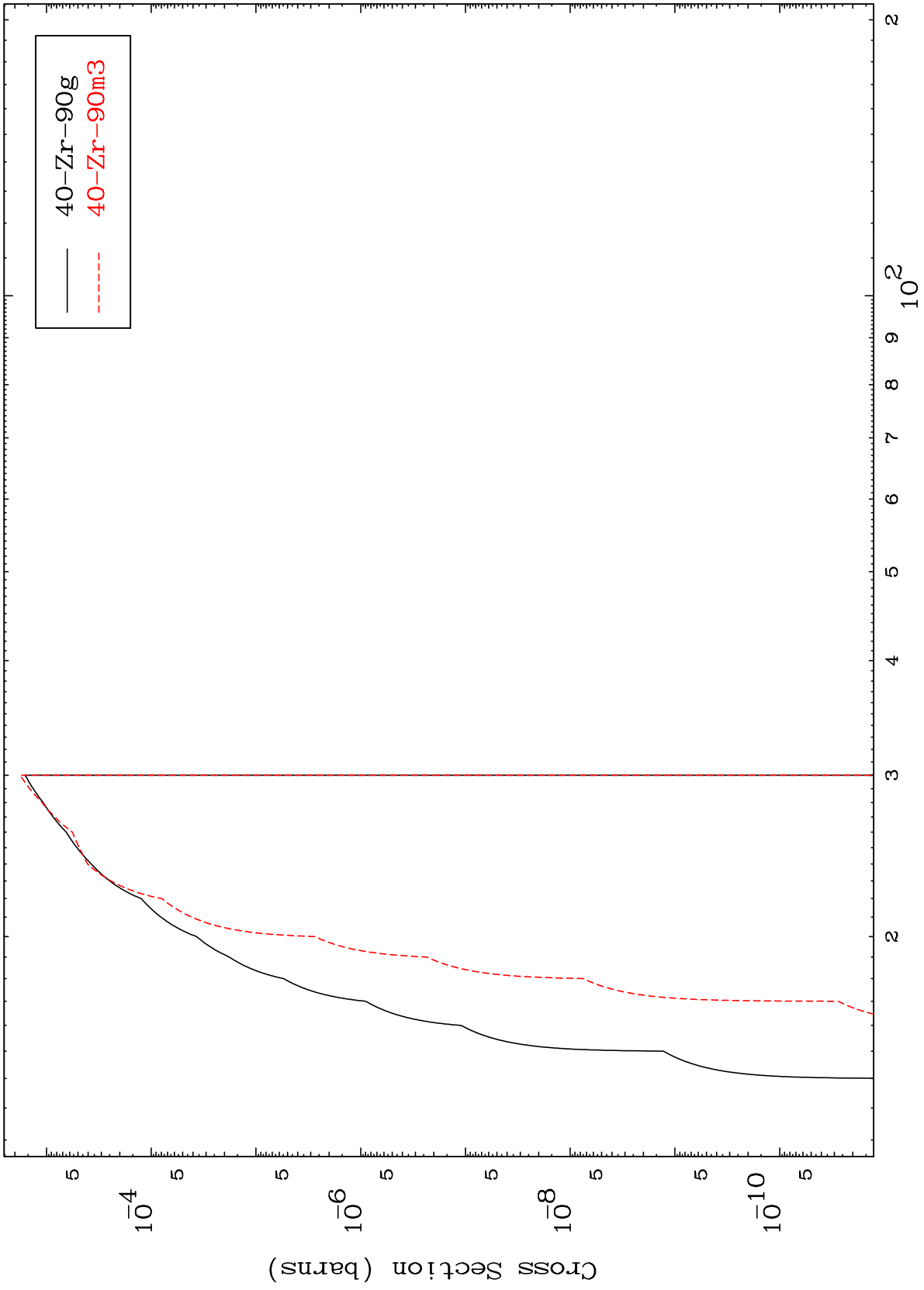


20

Incident Energy (MeV)

39-Y -89

(n, t)
Radionuclide Production Cross Section

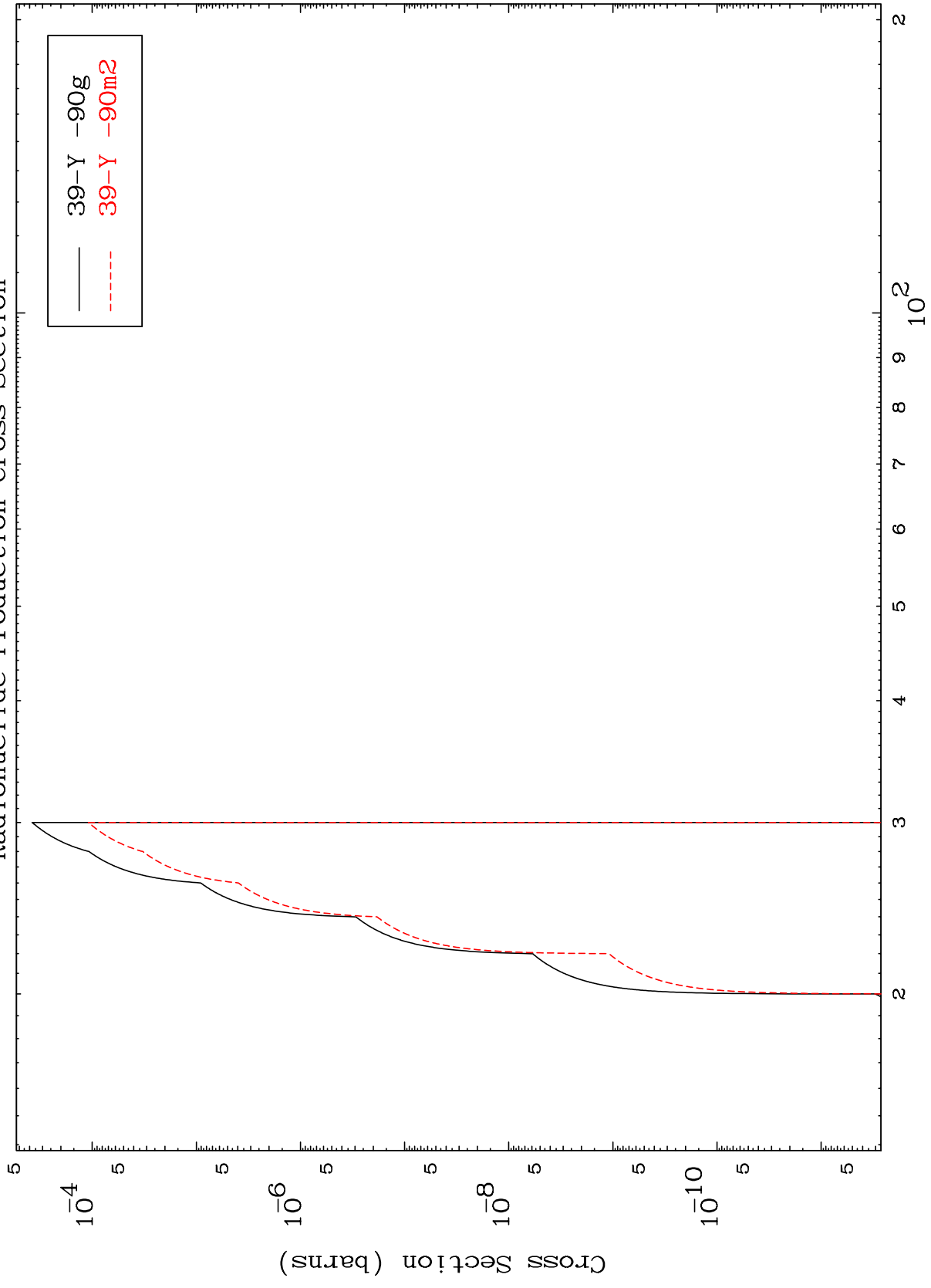


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(n, He-3)

39-Y -89

Radionuclide Production Cross Section



22

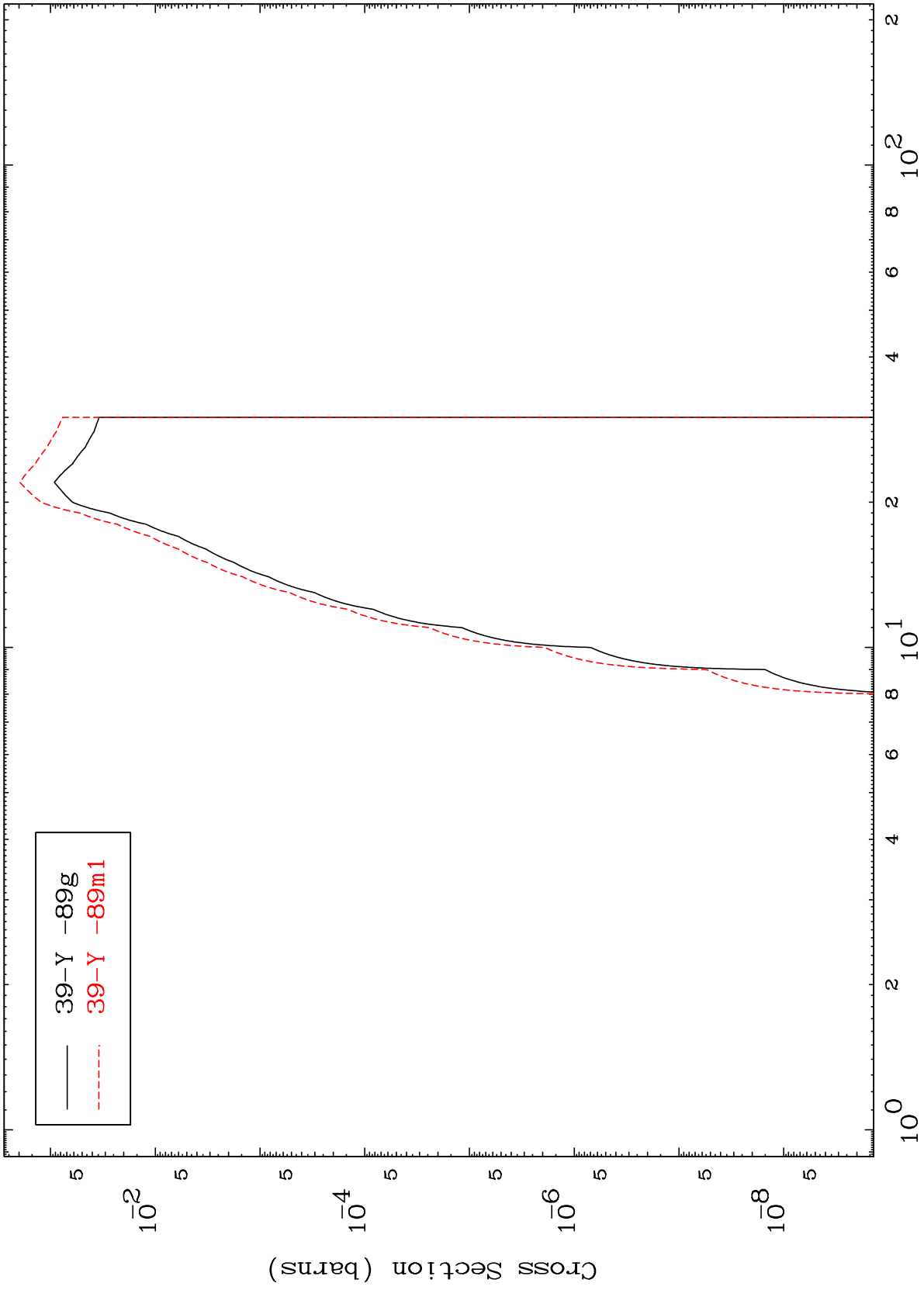
Incident Energy (MeV)

39-Y -89

MAT 3925

39-Y -89

Radionuclide Production Cross Section (n,α)



39-Y -89g
39-Y -89m1

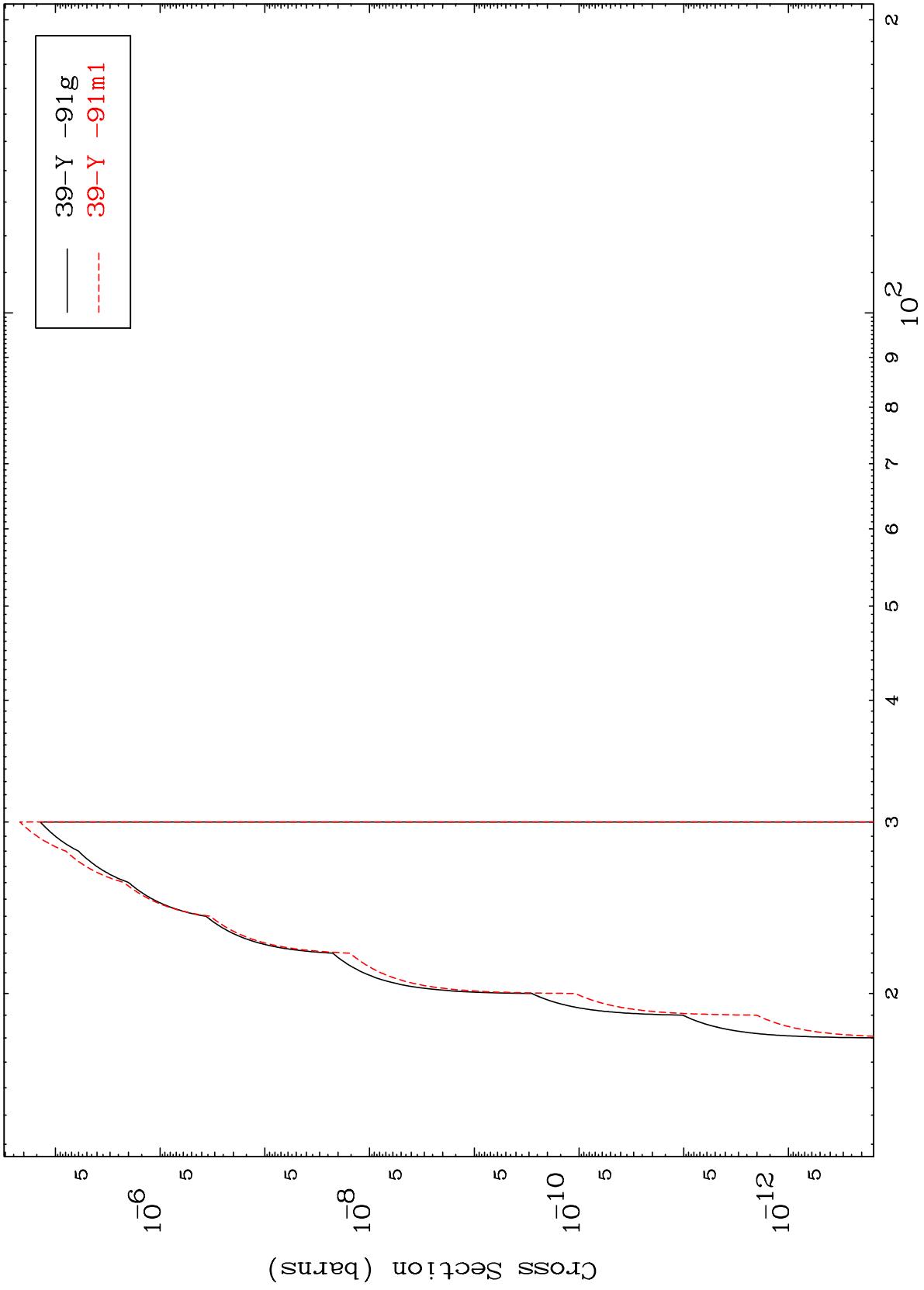
23

39-Y -89

MAT 3925

39-Y -89

(n,2p)
Radionuclide Production Cross Section



24

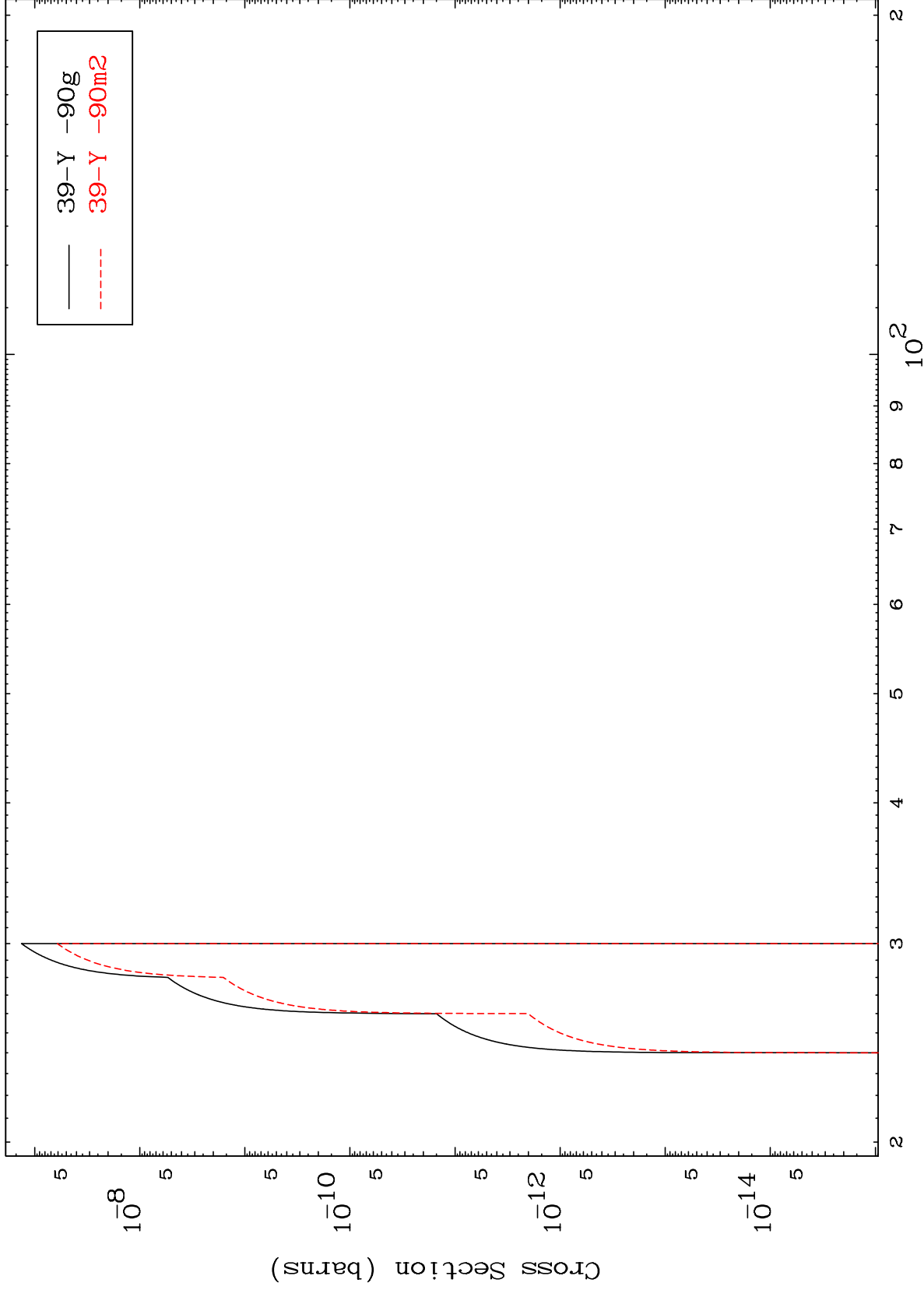
39-Y -89

MAT 3925

(n,p) d

39-Y -89

Radionuclide Production Cross Section



25

Incident Energy (MeV)

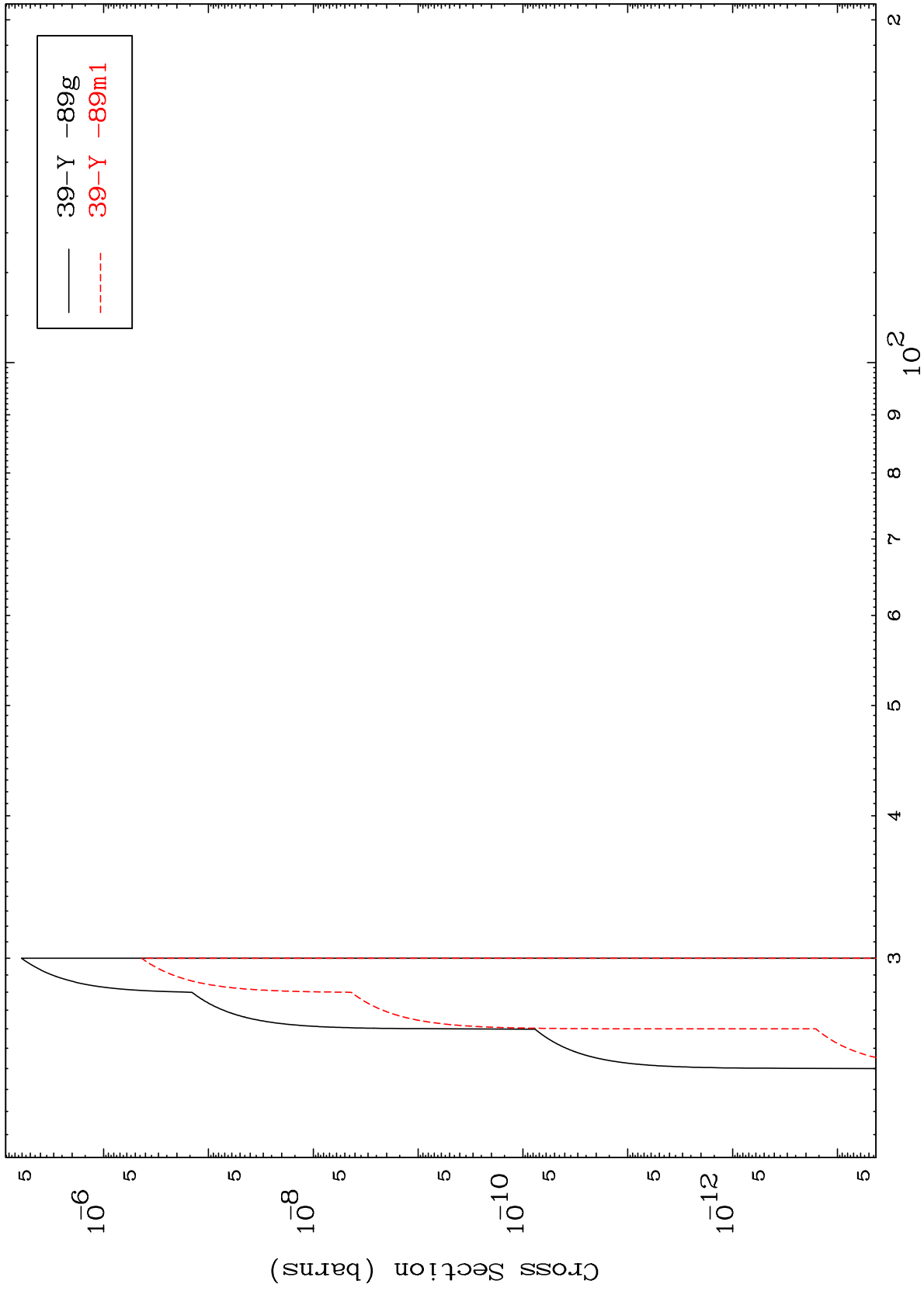
39-Y -89

MAT 3925

(n,p) t

39-Y -89

Radionuclide Production Cross Section



26

Incident Energy (MeV)

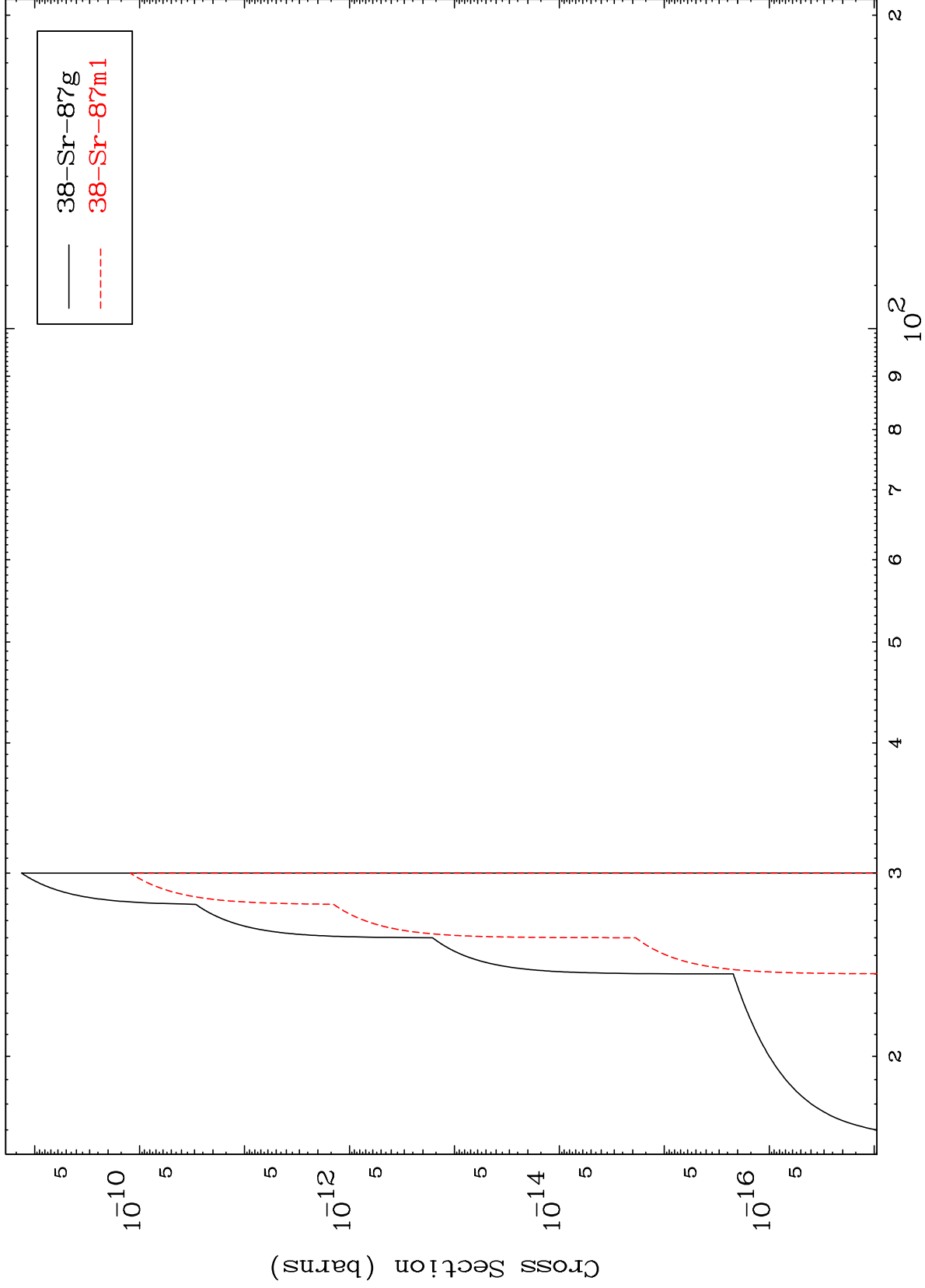
39-Y -89

MAT 3925

(n,d) α

39-Y -89

Radionuclide Production Cross Section



27

Incident Energy (MeV)

39-Y -89