

Program EVALPLOT
(Version 2021-1)

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

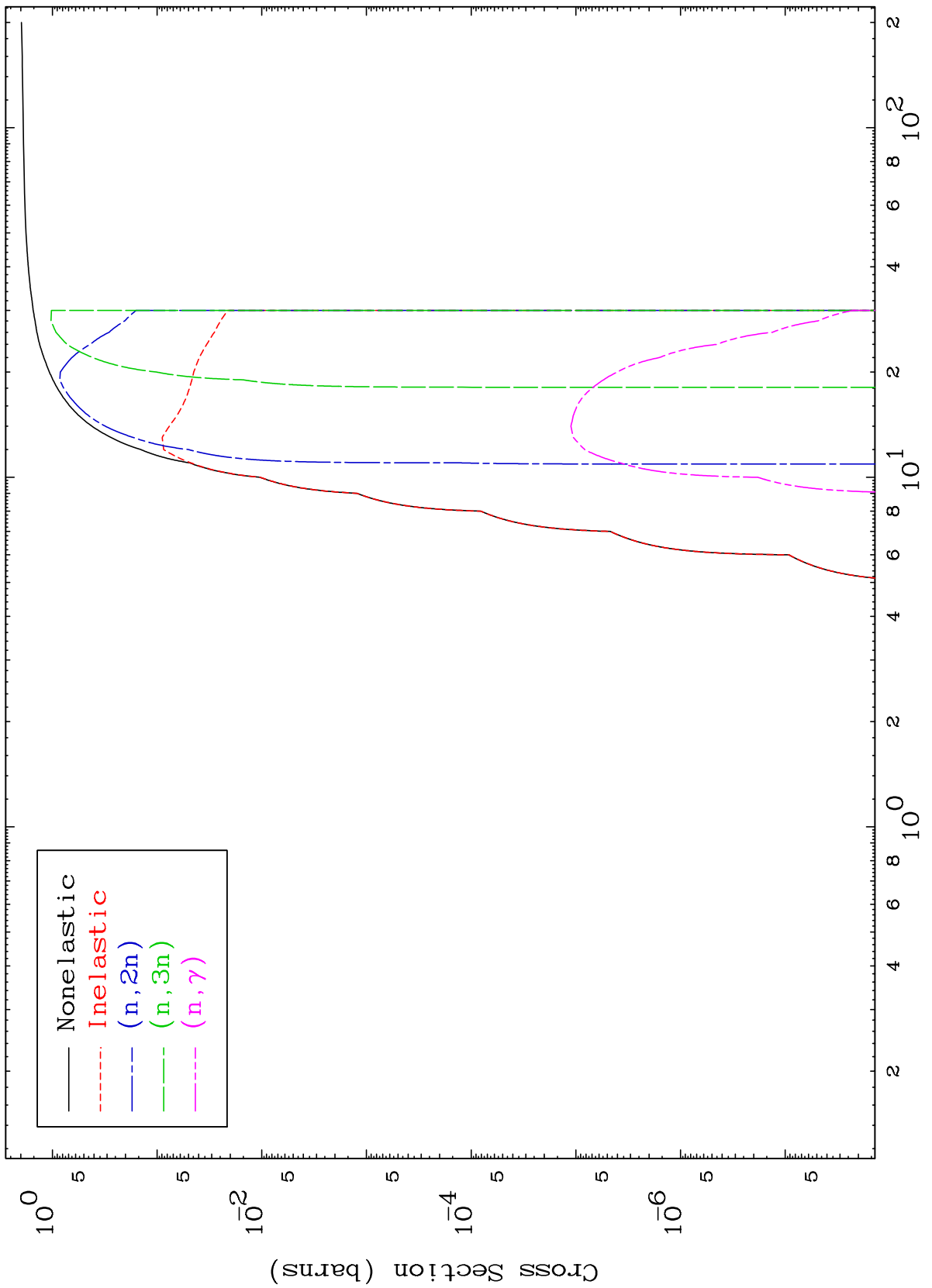
Press Mouse Button to Start

MAT 3940

α Major

39-Y -94

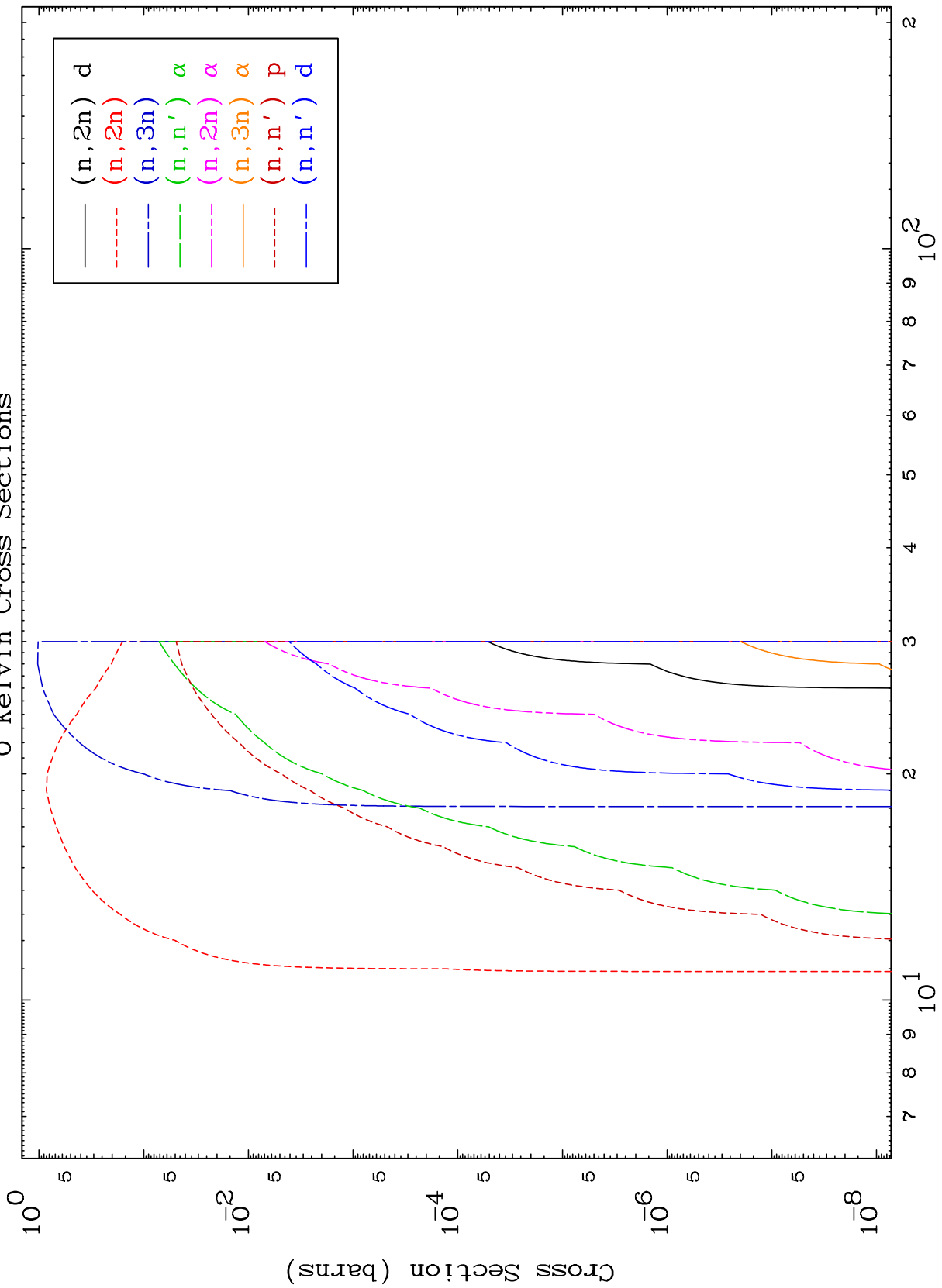
0 Kelvin Cross Sections

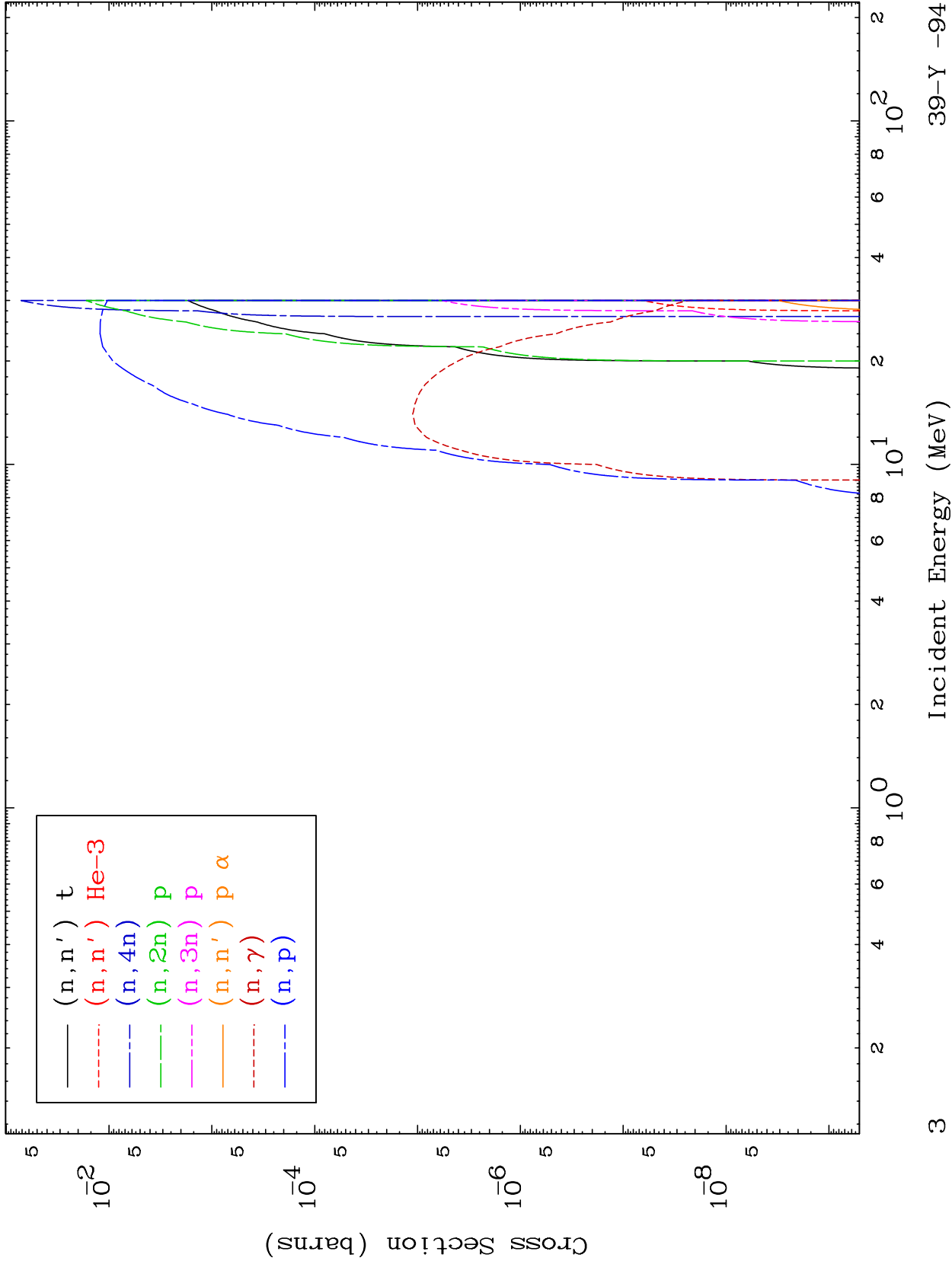


Incident Energy (MeV)

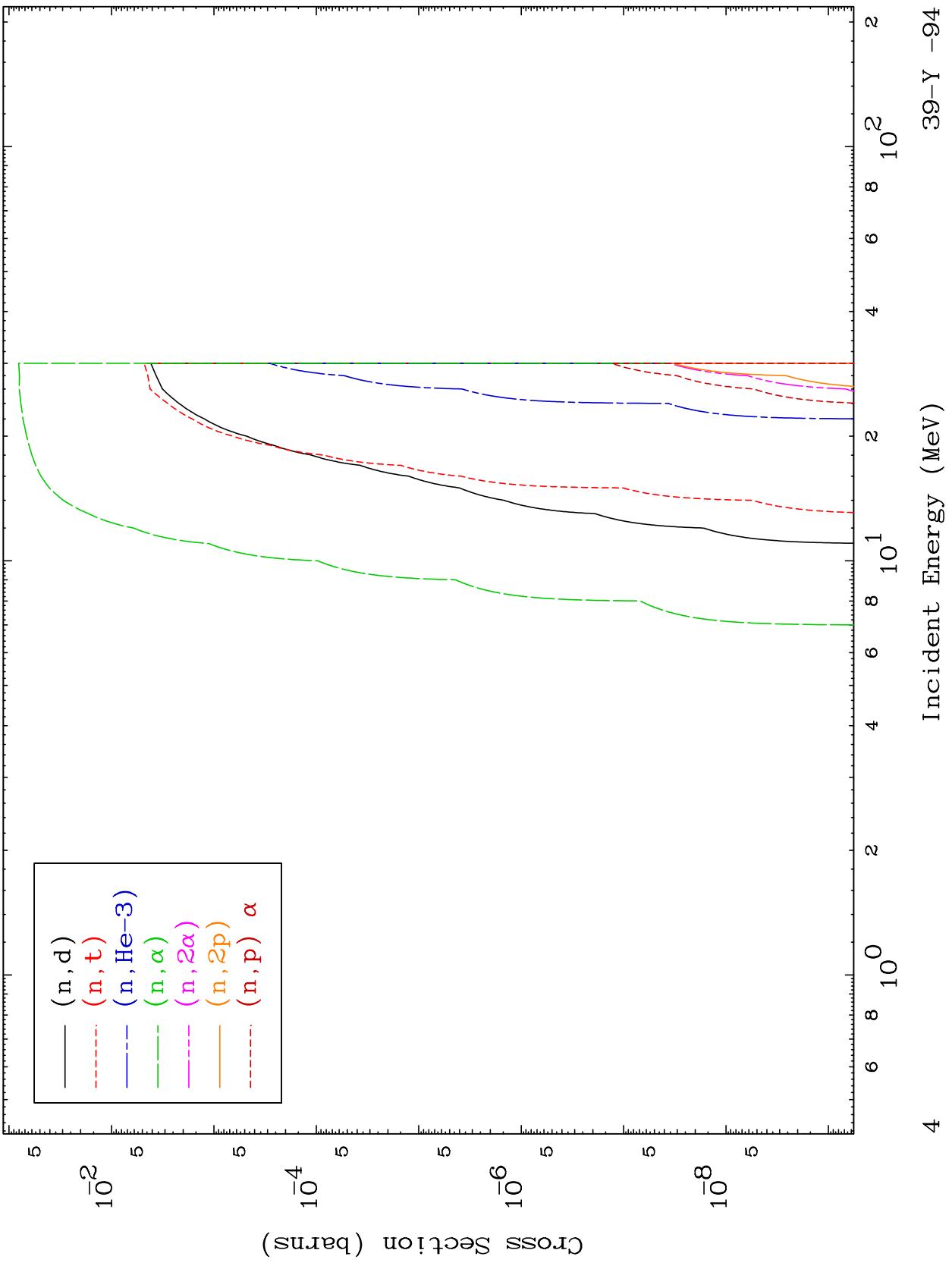
39-Y -94

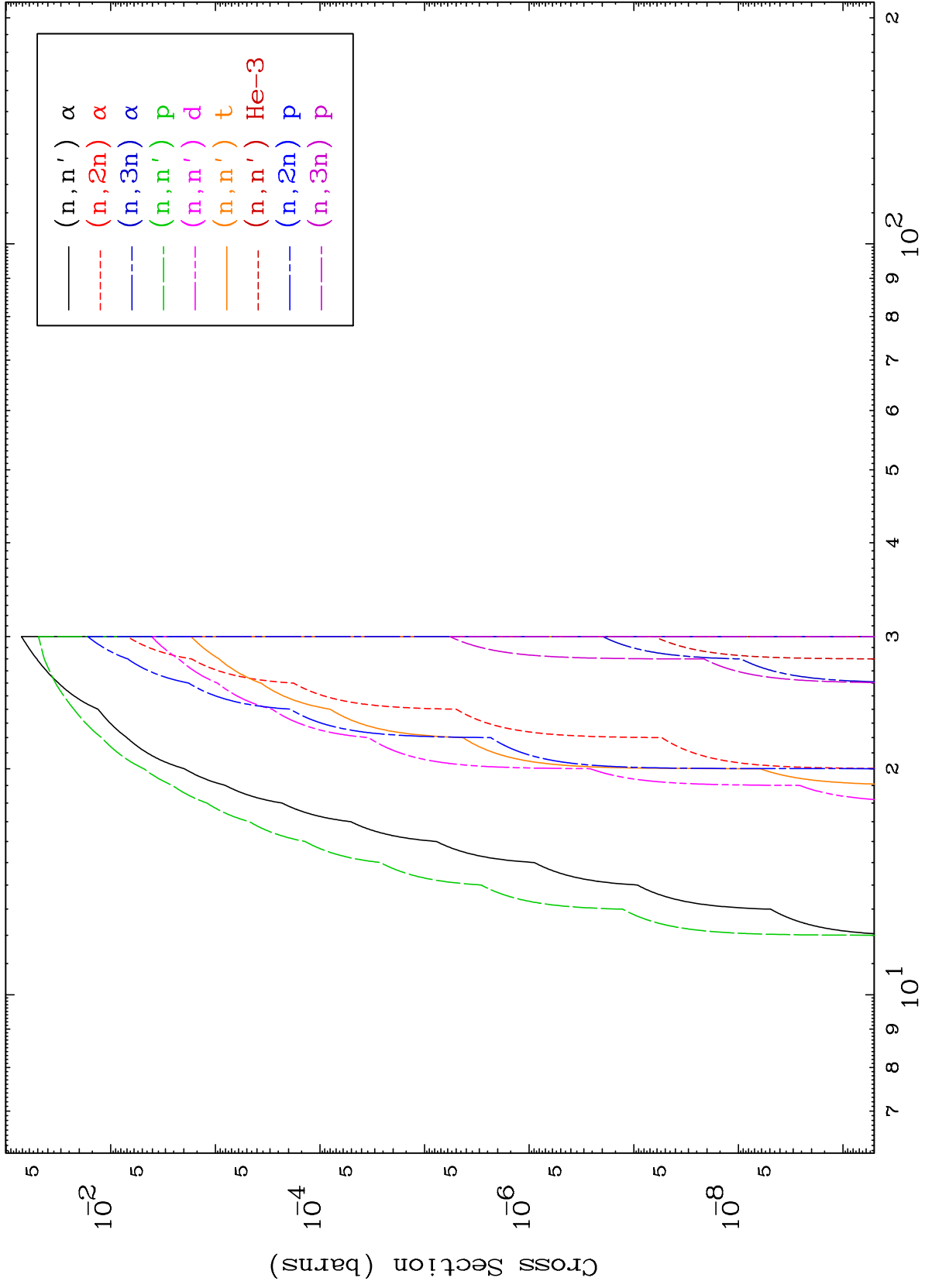
α Neutron Absorption
0 Kelvin Cross Sections

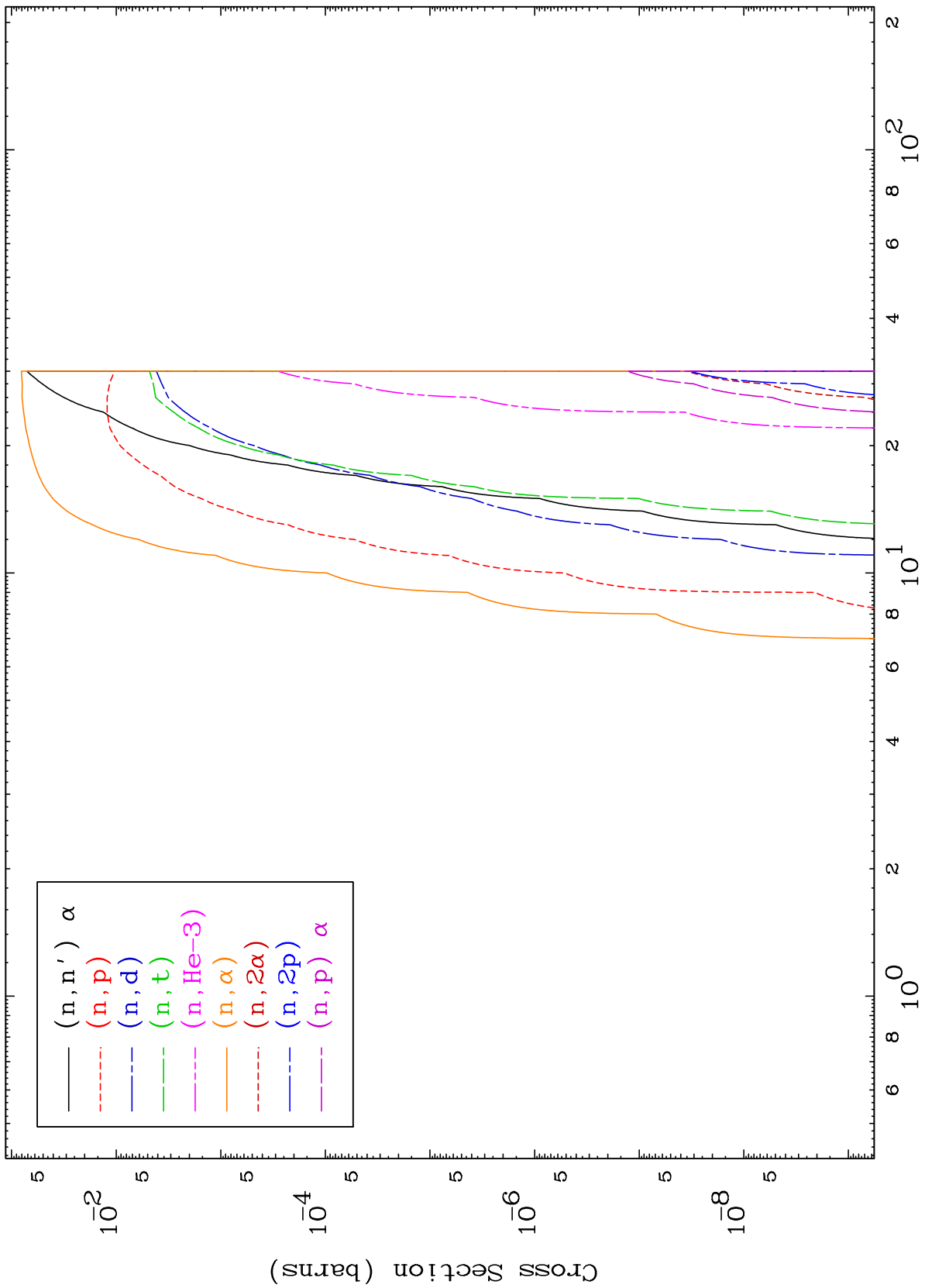




0 Kelvin Cross Sections



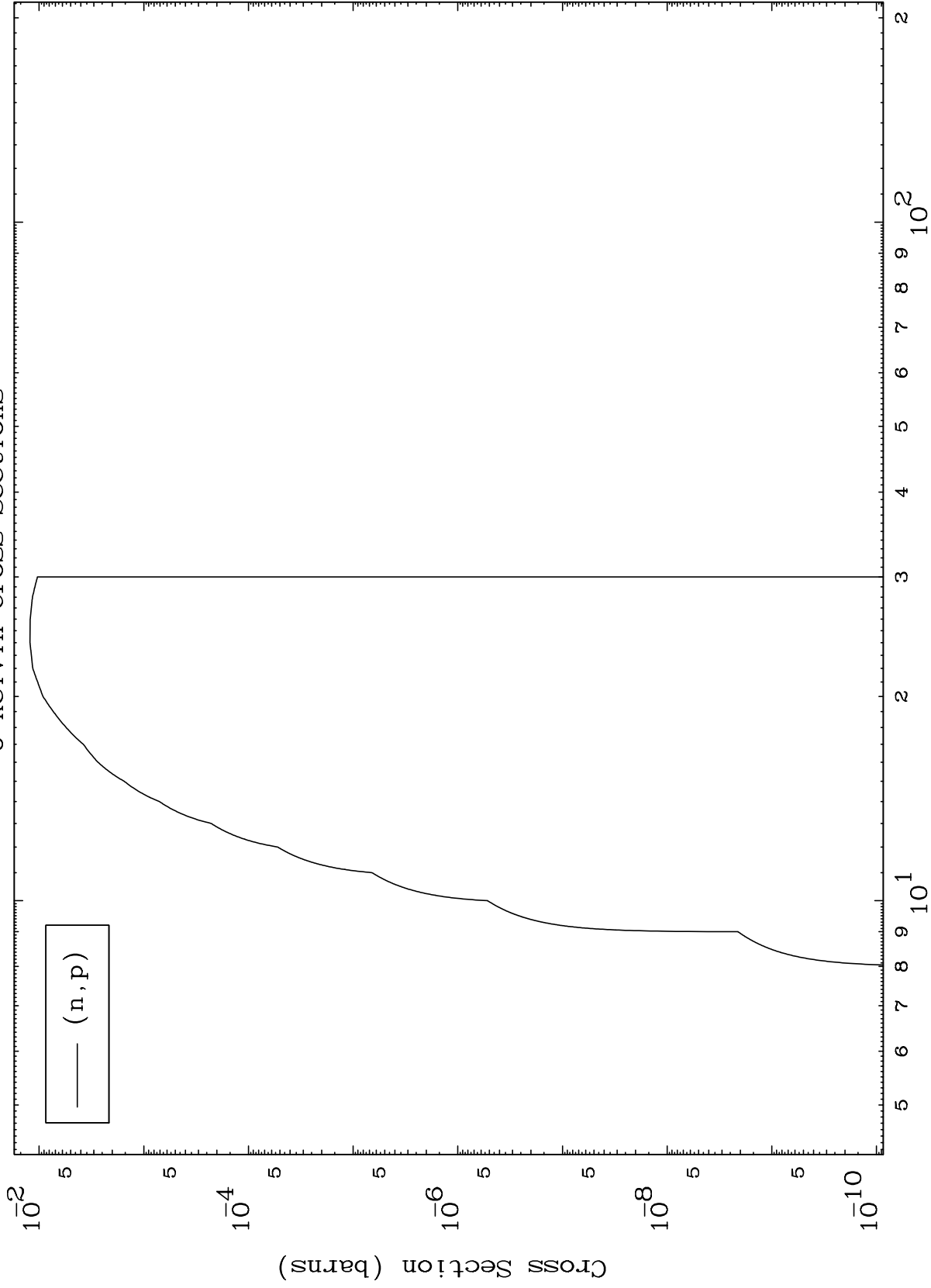




MAT 3940

(α, p) Levels
0 Kelvin Cross Sections

39-Y -94



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Incident Energy (MeV)

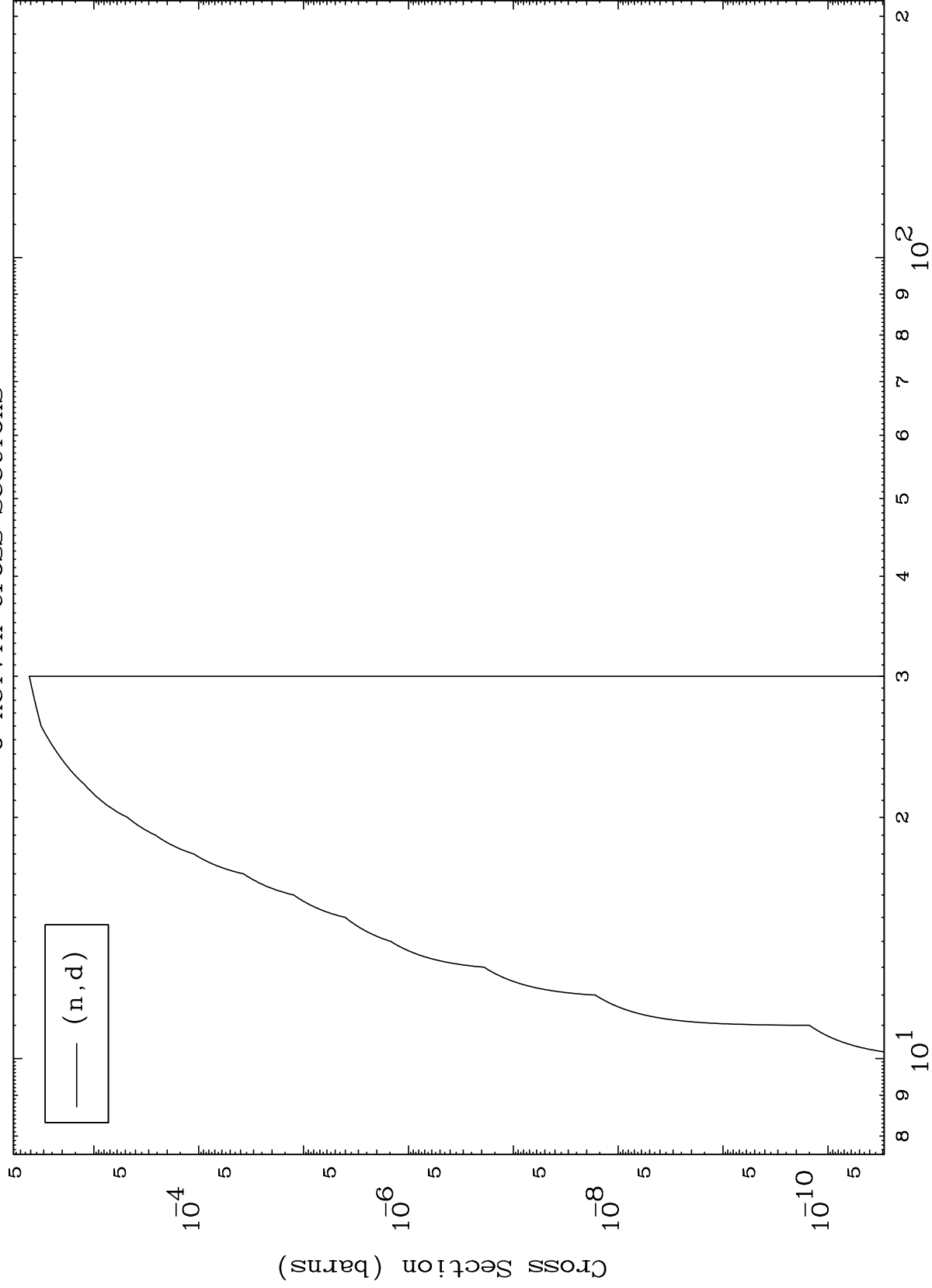
39-Y -94

MAT 3940

(α, d) Levels

39-Y -94

0 Kelvin Cross Sections



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Incident Energy (MeV)

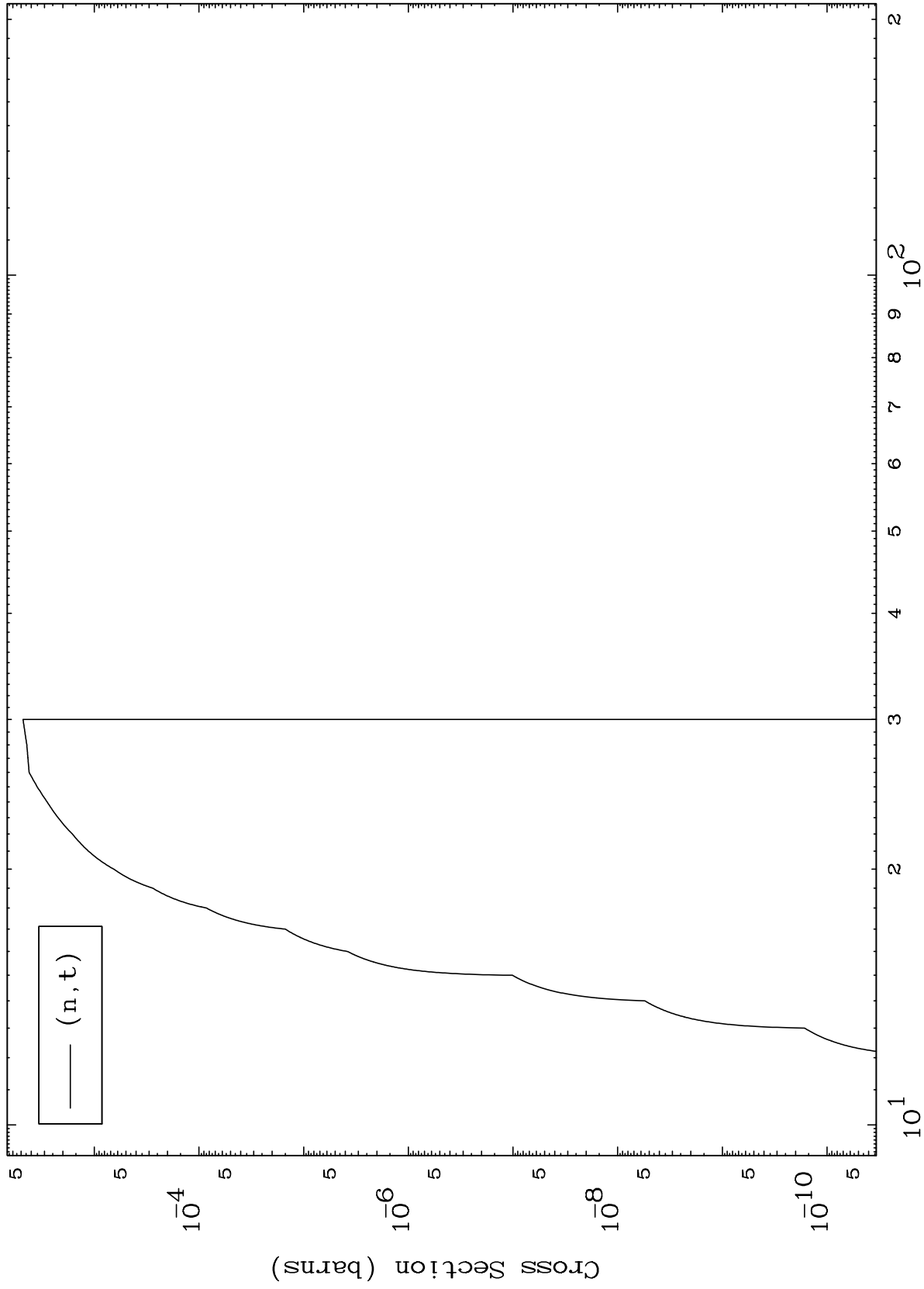
39-Y -94

MAT 3940

(α, t) Levels

39-Y -94

0 Kelvin Cross Sections



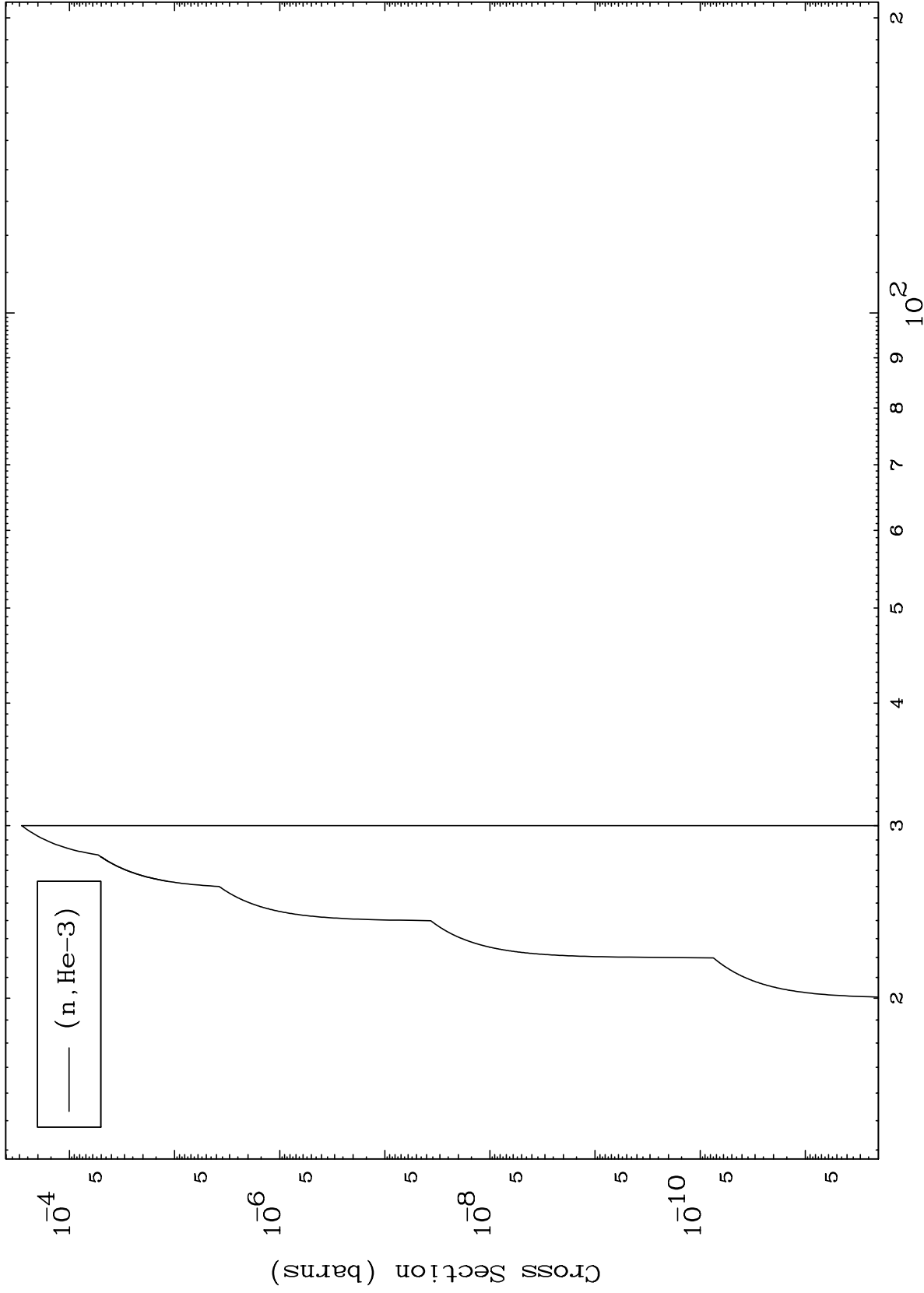
Incident Energy (MeV)

39-Y -94

MAT 3940

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

39-Y -94



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Incident Energy (MeV)

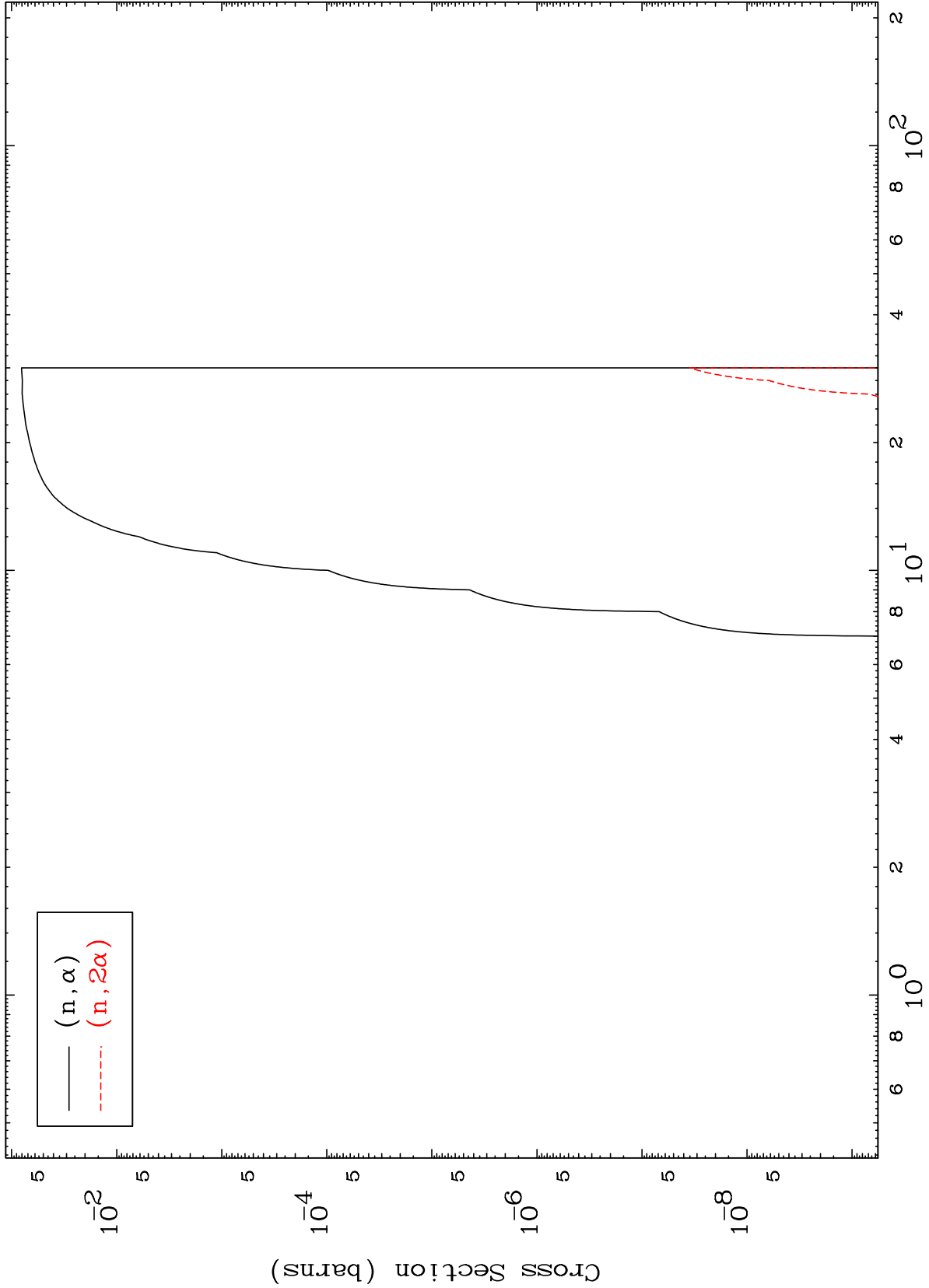
39-Y -94

MAT 3940

(α, α) Levels

39-Y -94

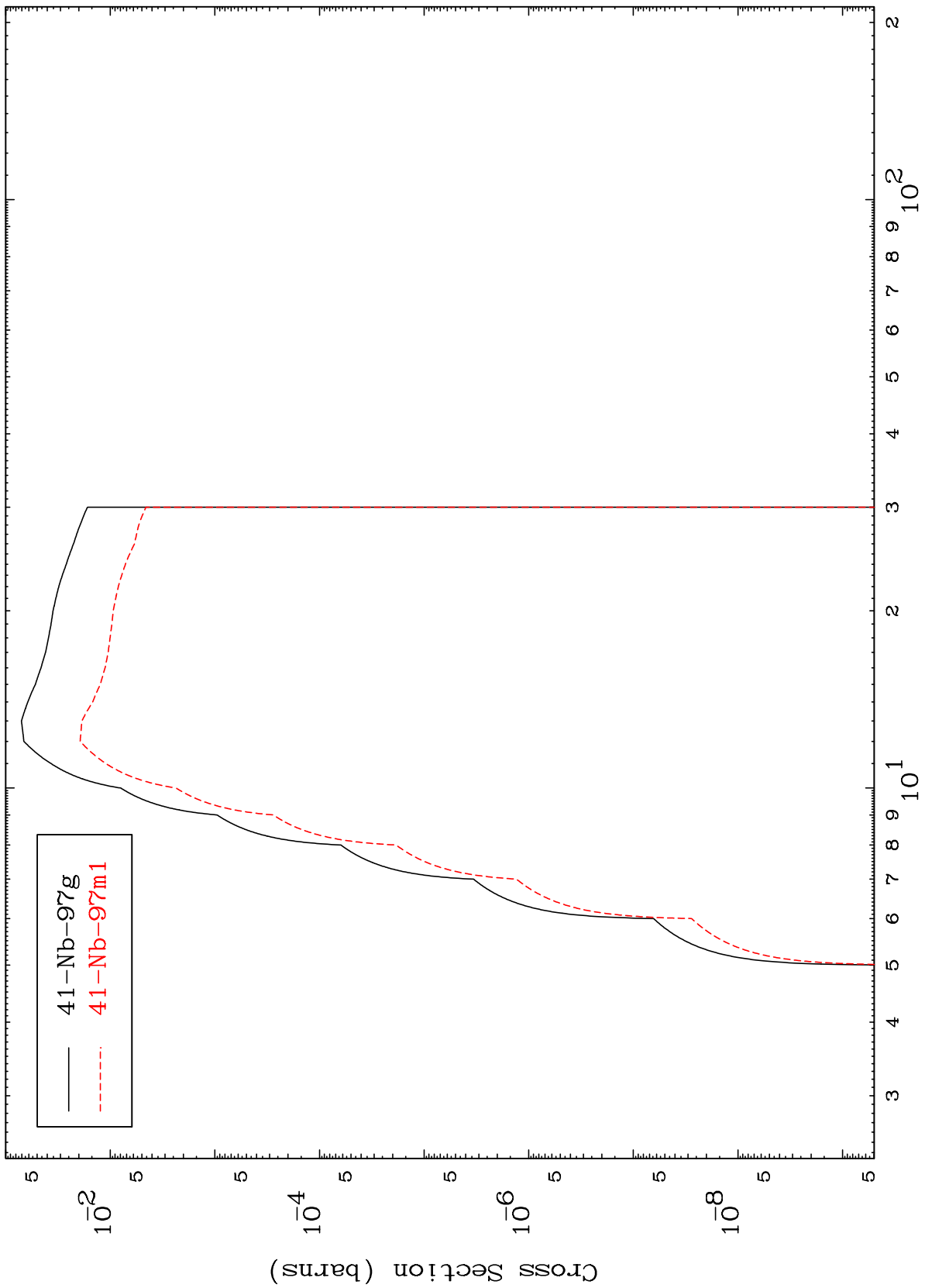
0 Kelvin Cross Sections



MAT 3940

39-Y -94

Inelastic
Radionuclide Production Cross Section

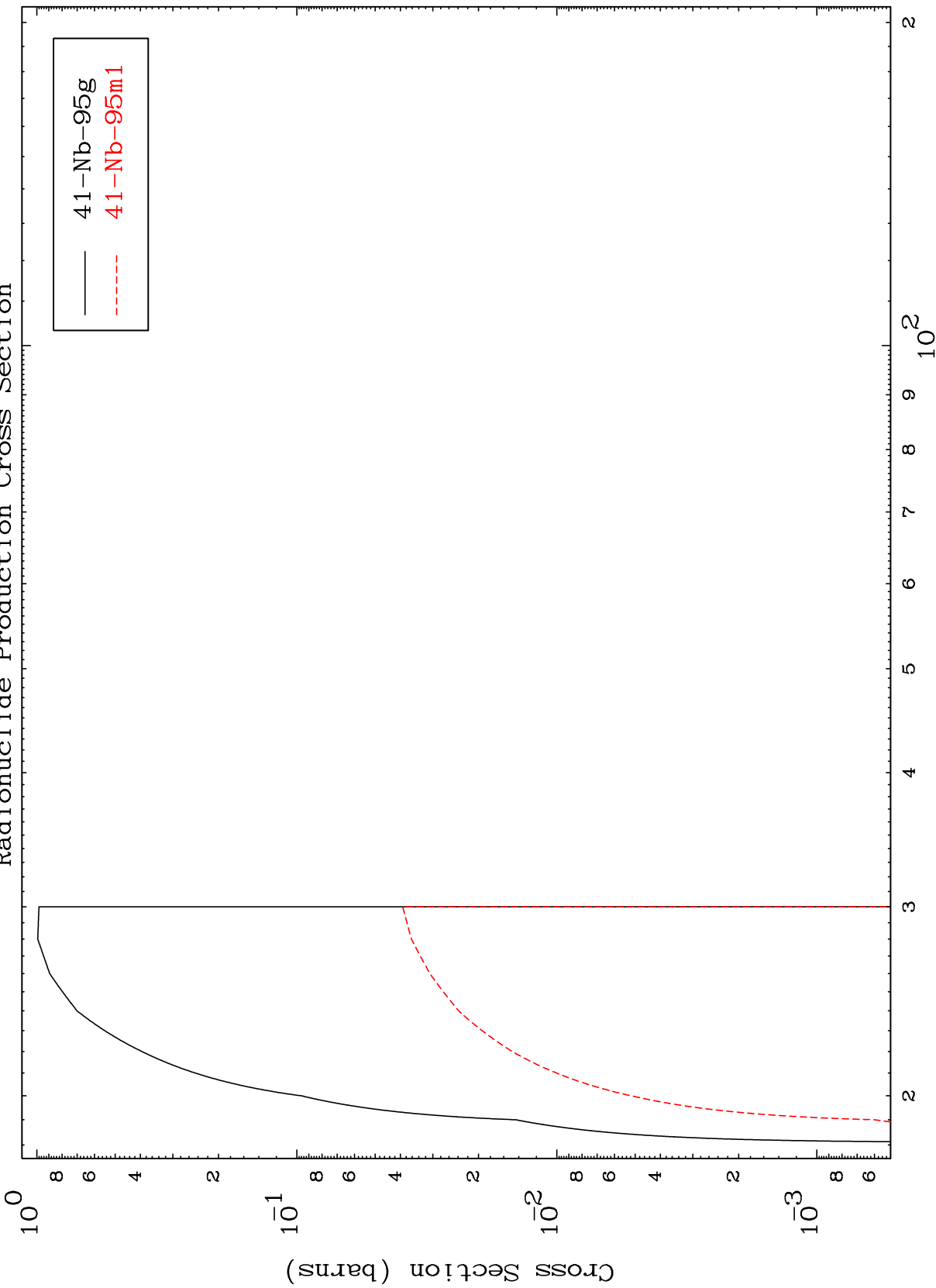


12

Incident Energy (MeV)

39-Y -94

Radionuclide Production Cross Section
(n,3n)



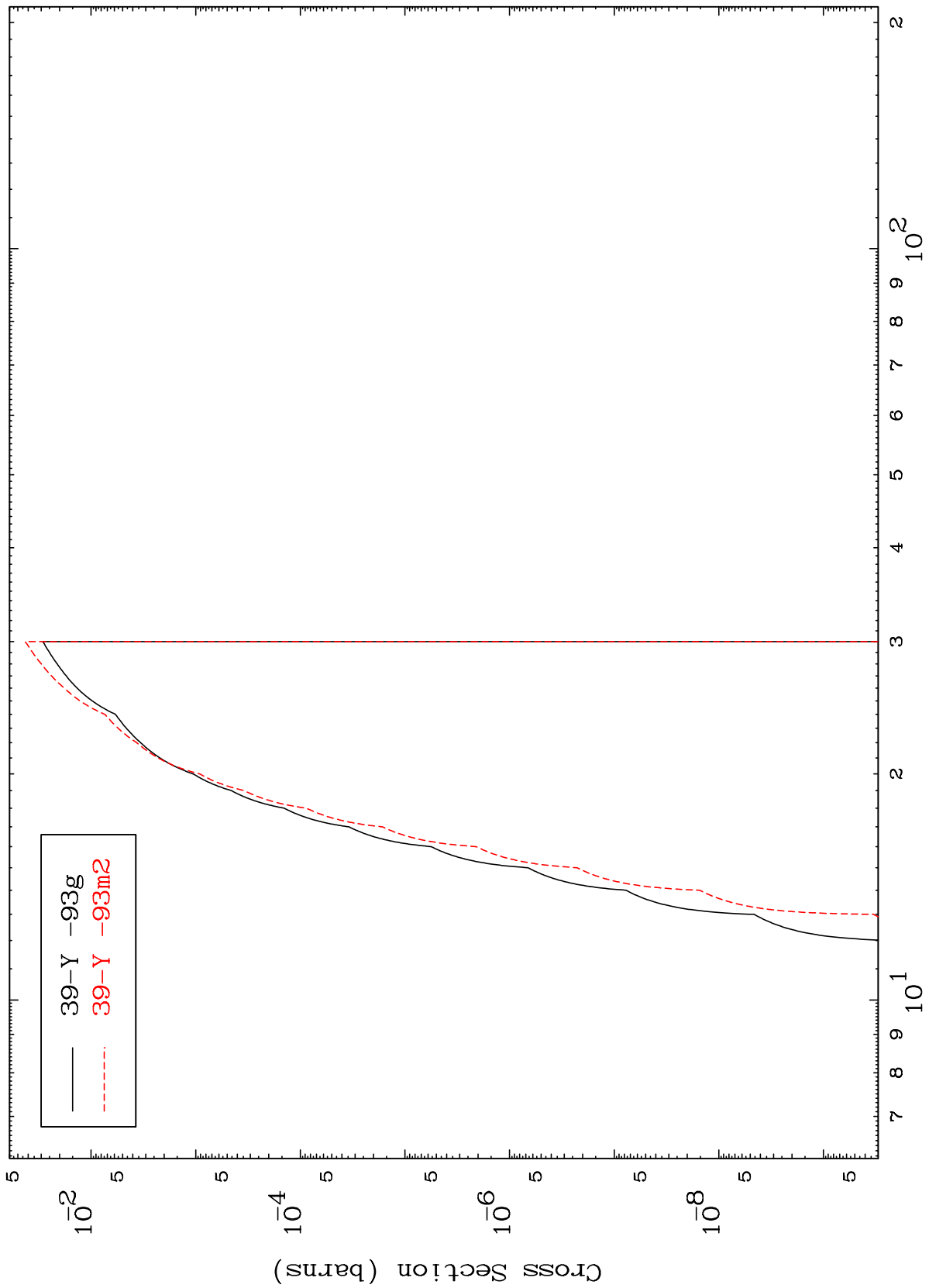
41-Nb-95g
41-Nb-95m1

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$(n, n') \alpha$

39-Y -94

Radionuclide Production Cross Section



Legend:
— 39-Y -93g
- - - 39-Y -93m2

Incident Energy (MeV)

39-Y -94

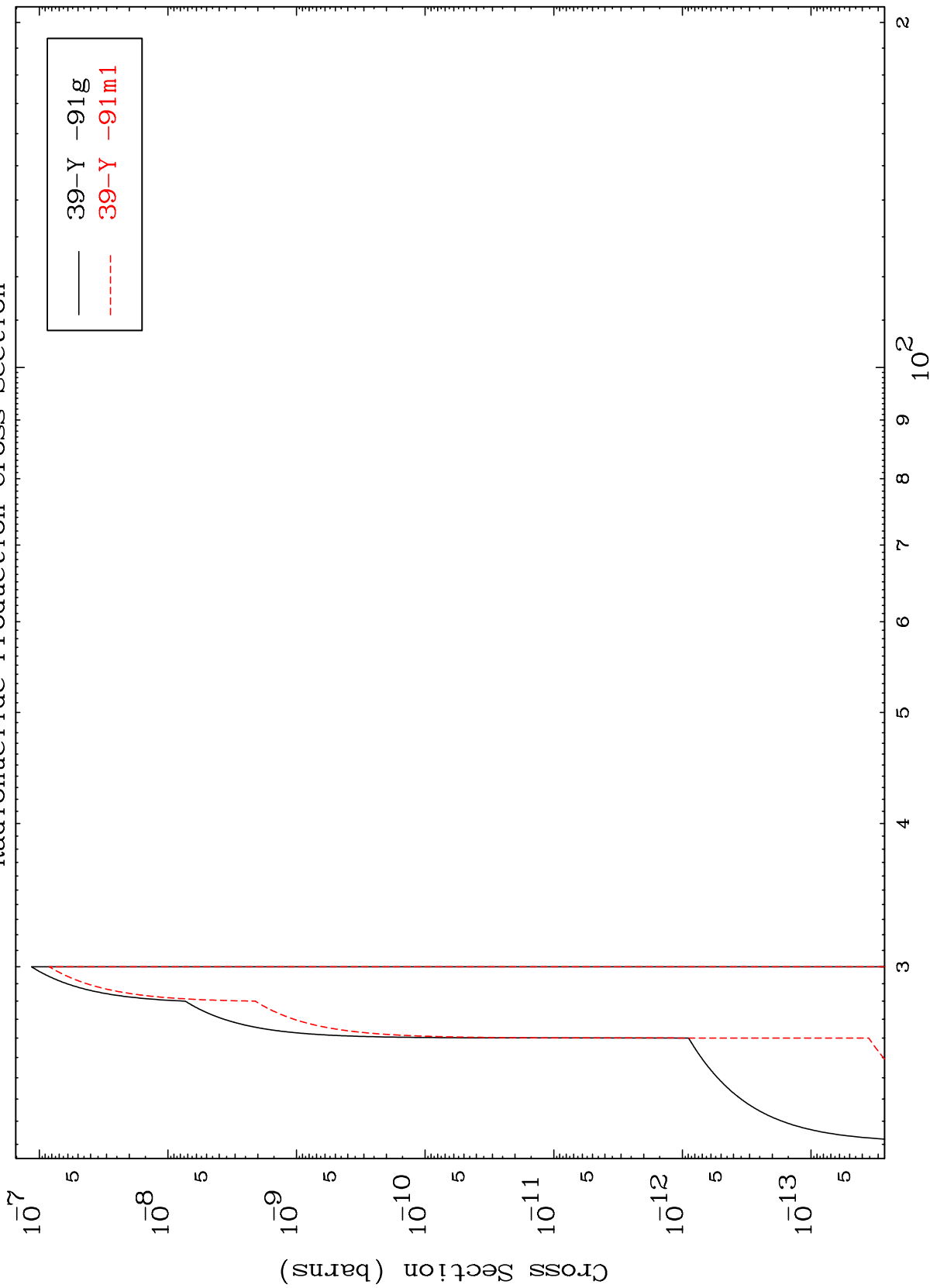
14

MAT 3940

(n,3n) α

39-Y -94

Radionuclide Production Cross Section



39-Y -91g
39-Y -91m1

15

Incident Energy (MeV)

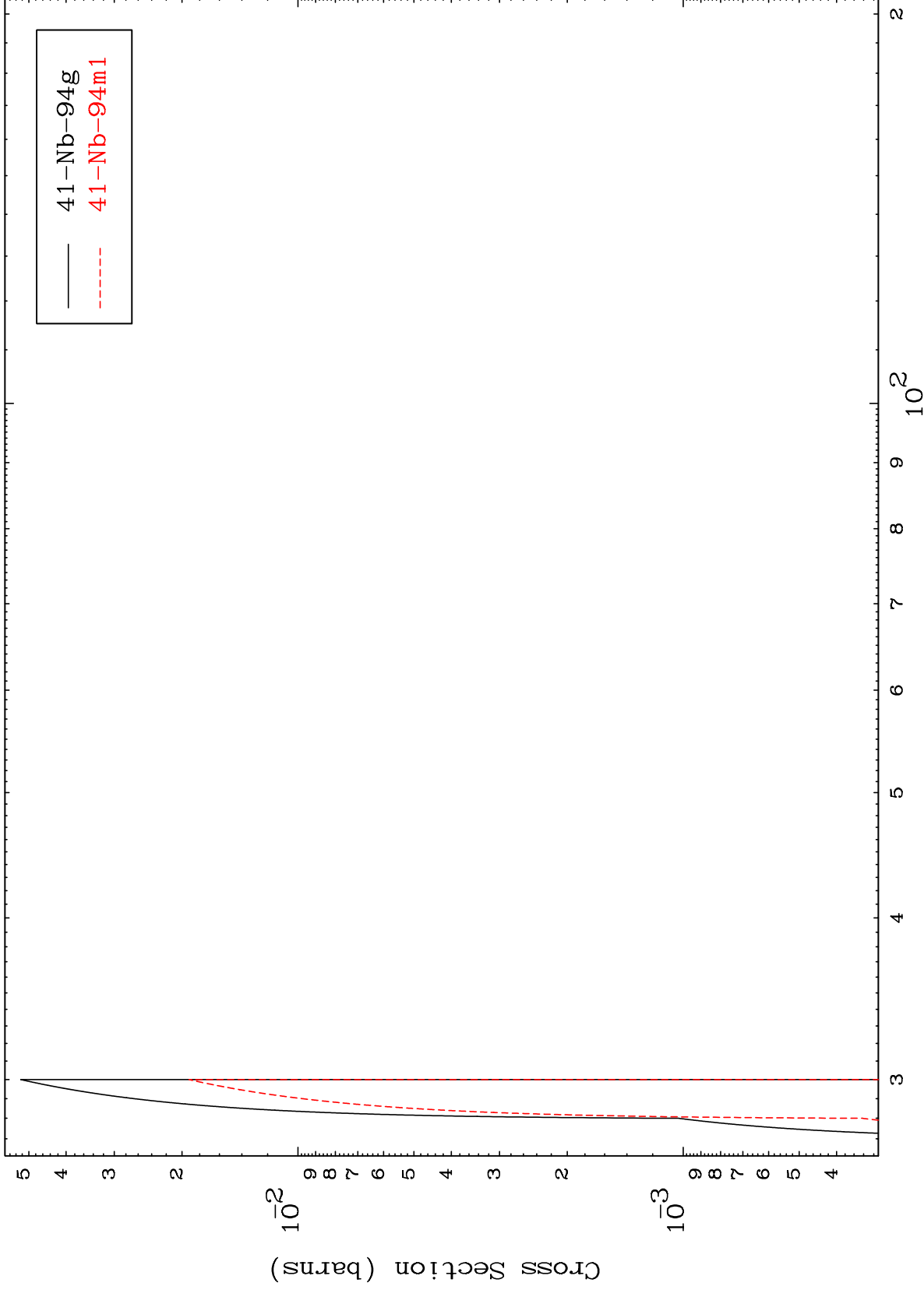
39-Y -94

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(n,4n)

39-Y -94

Radionuclide Production Cross Section



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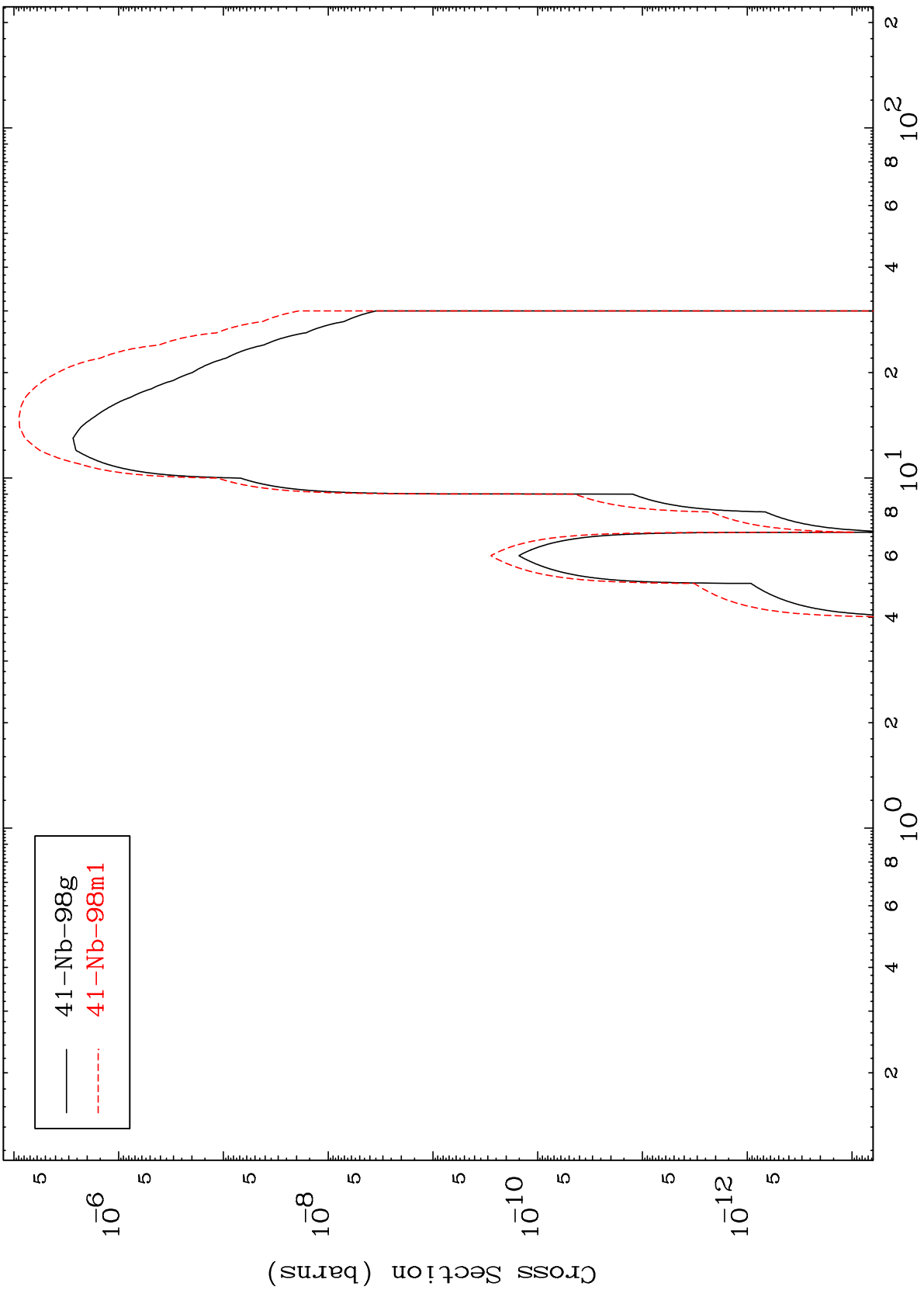
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

Radionuclide Production Cross Section
(n, γ)



17

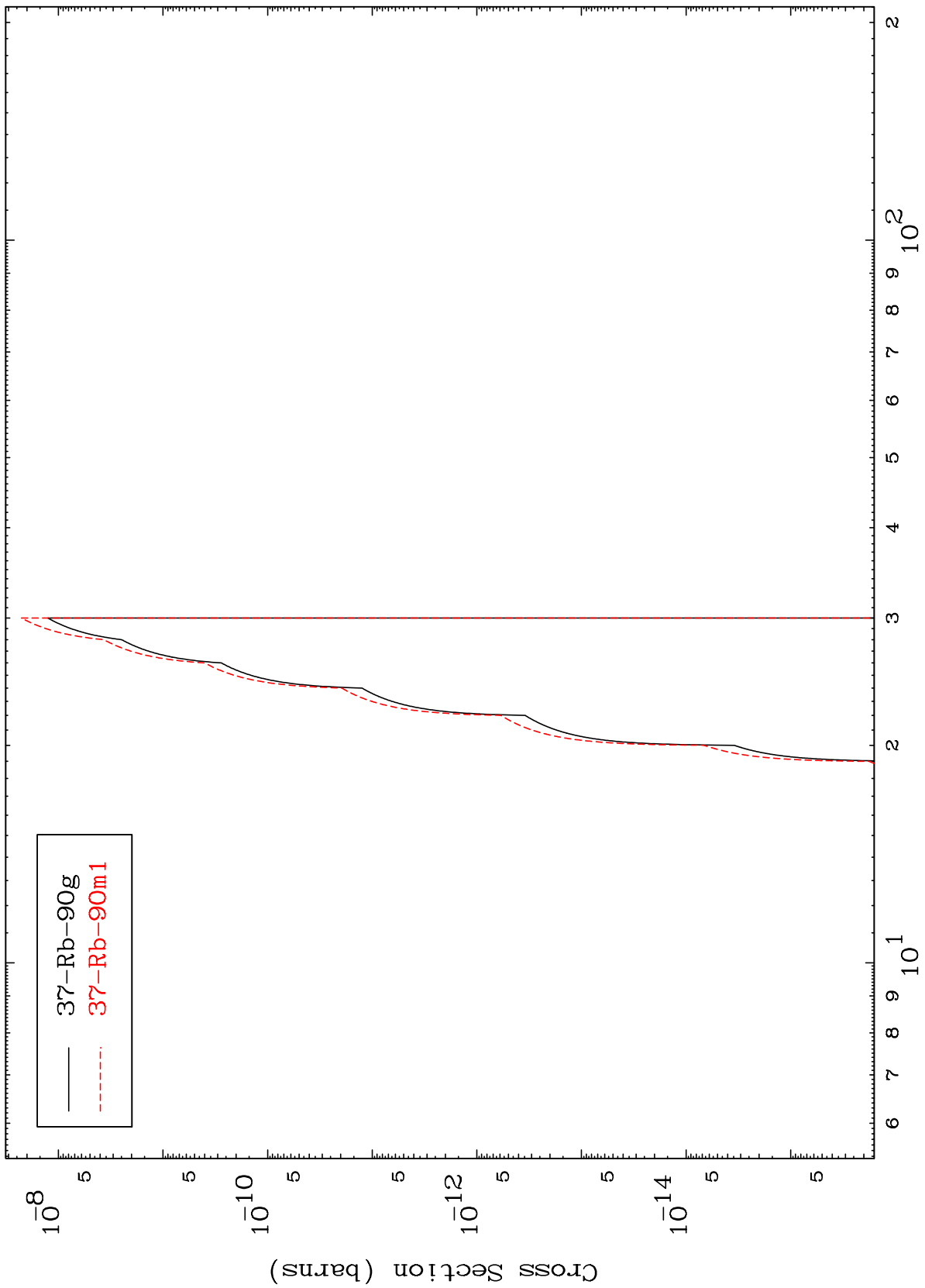
39-Y -94

Incident Energy (MeV)

MAT 3940

39-Y -94

Radionuclide Production Cross Section



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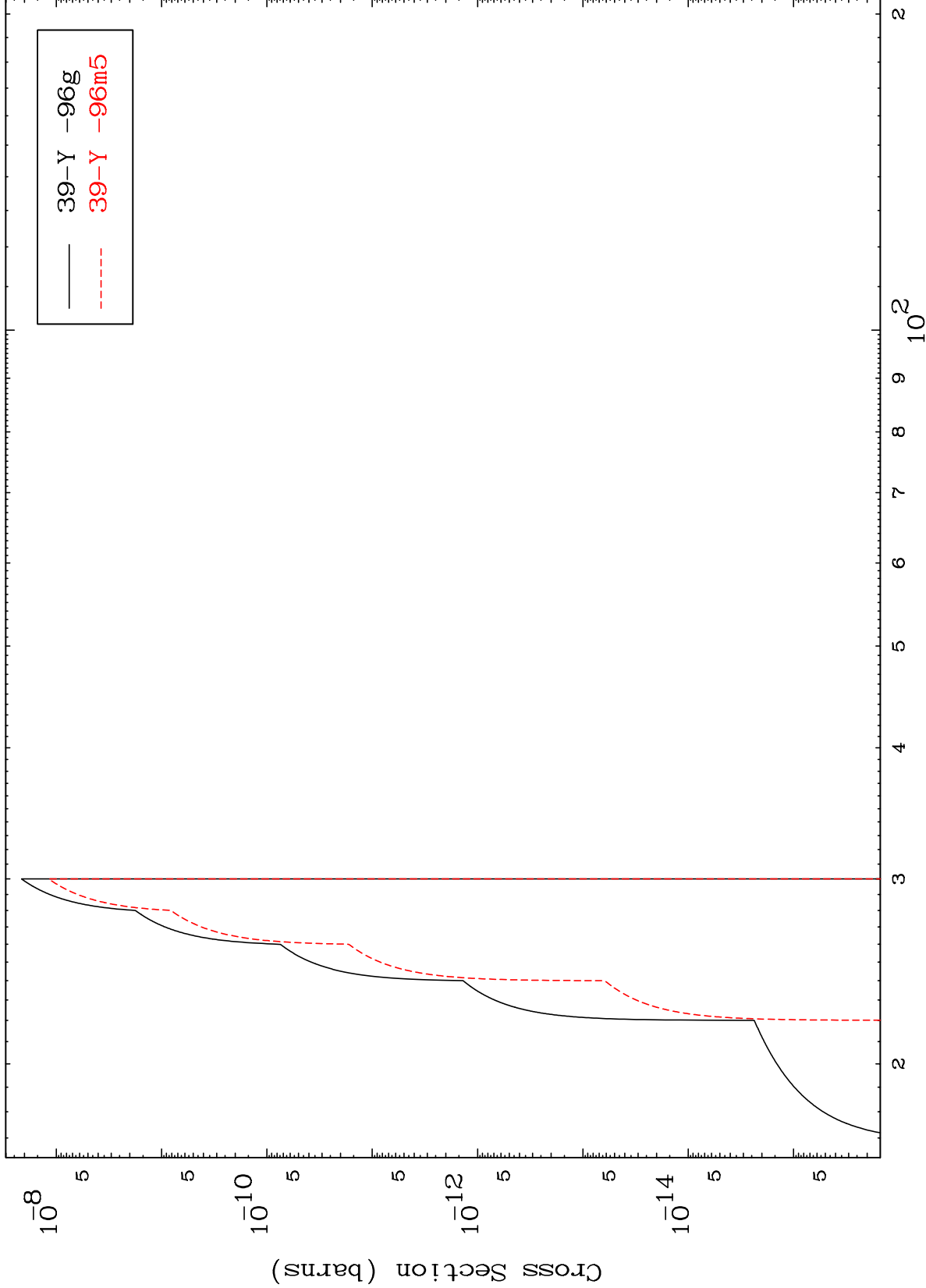
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

(n,2p)
Radionuclide Production Cross Section



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39-Y -94

Incident Energy (MeV)