

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

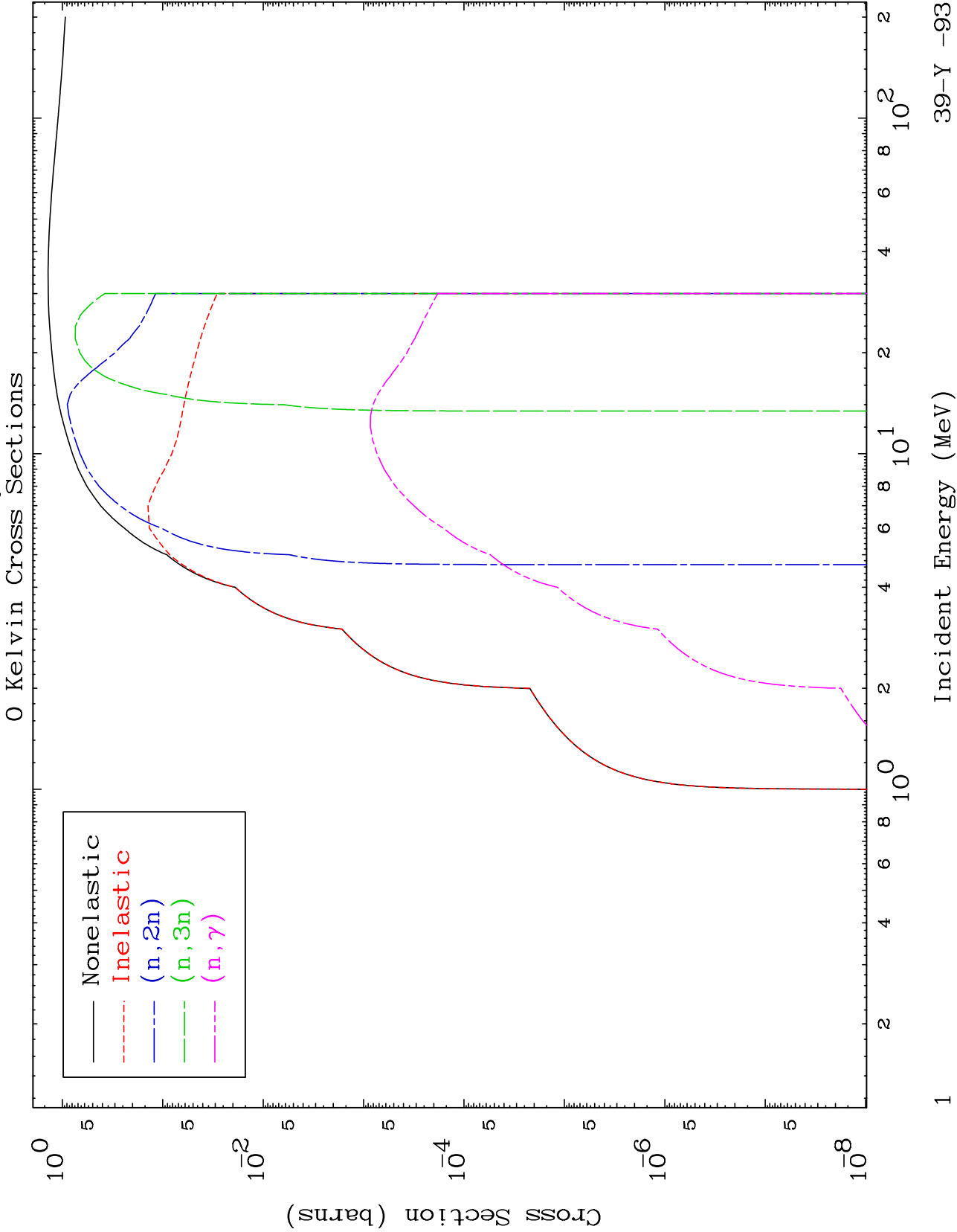
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

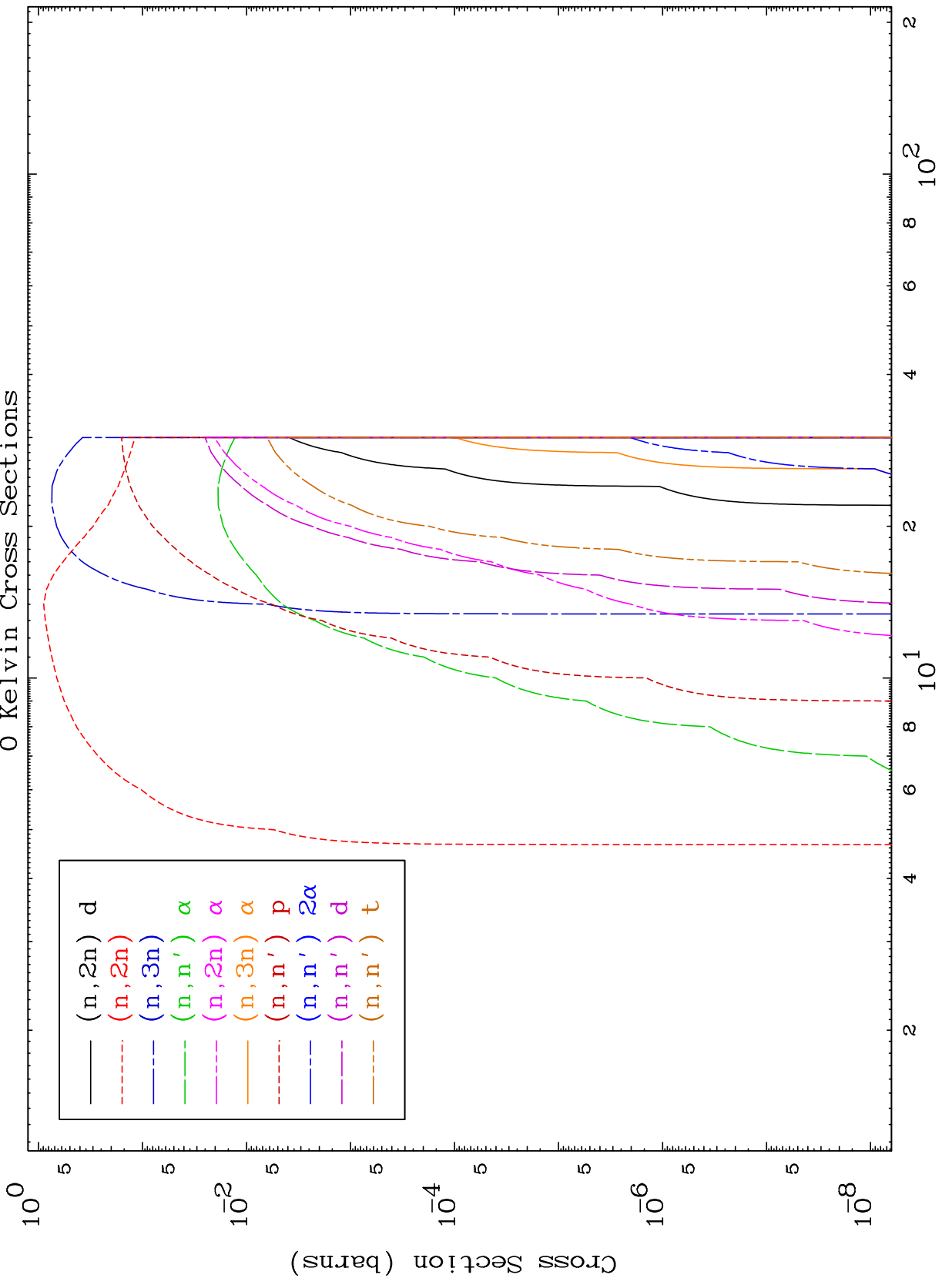
Tele: 925-443-1911

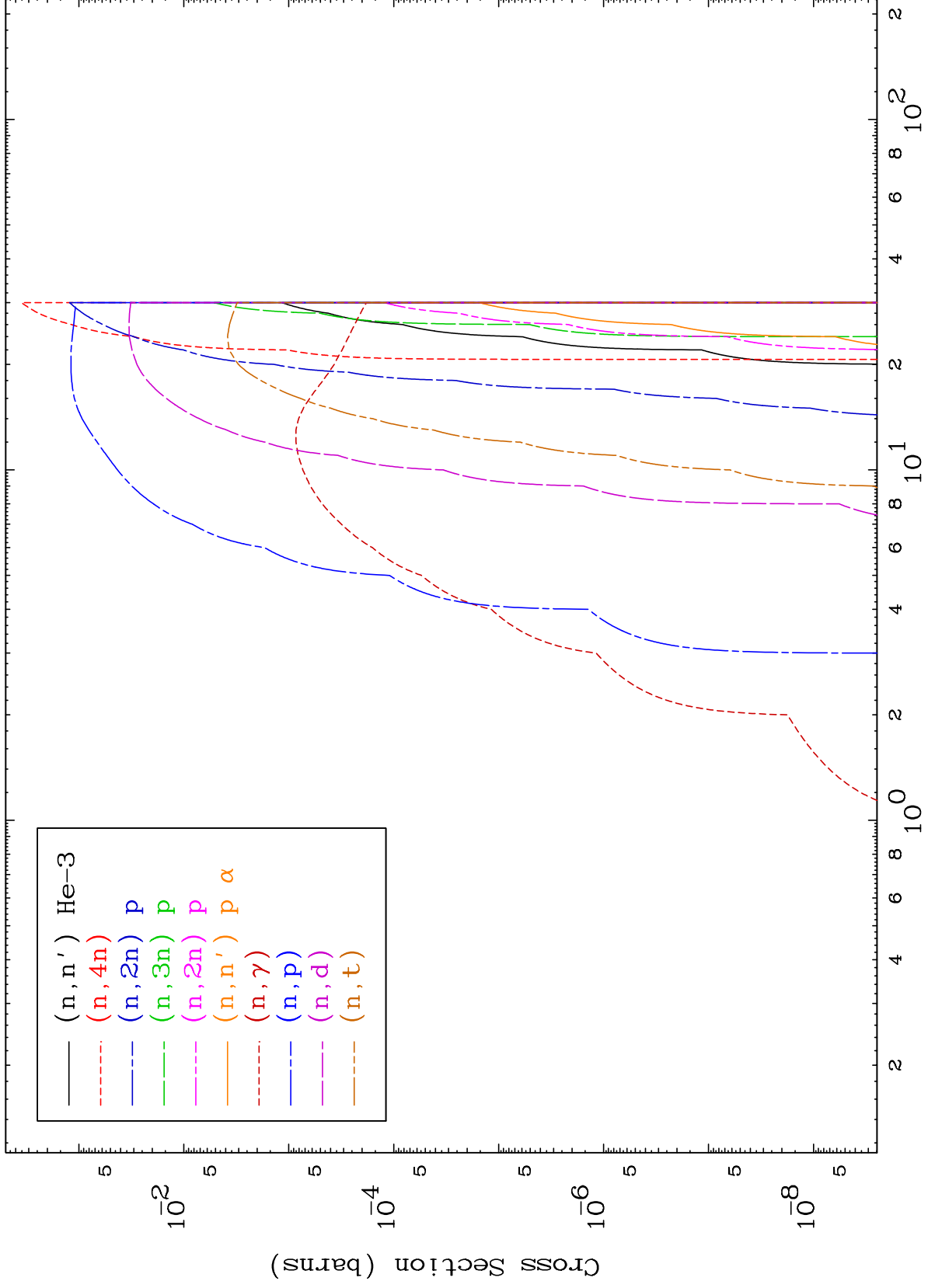
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



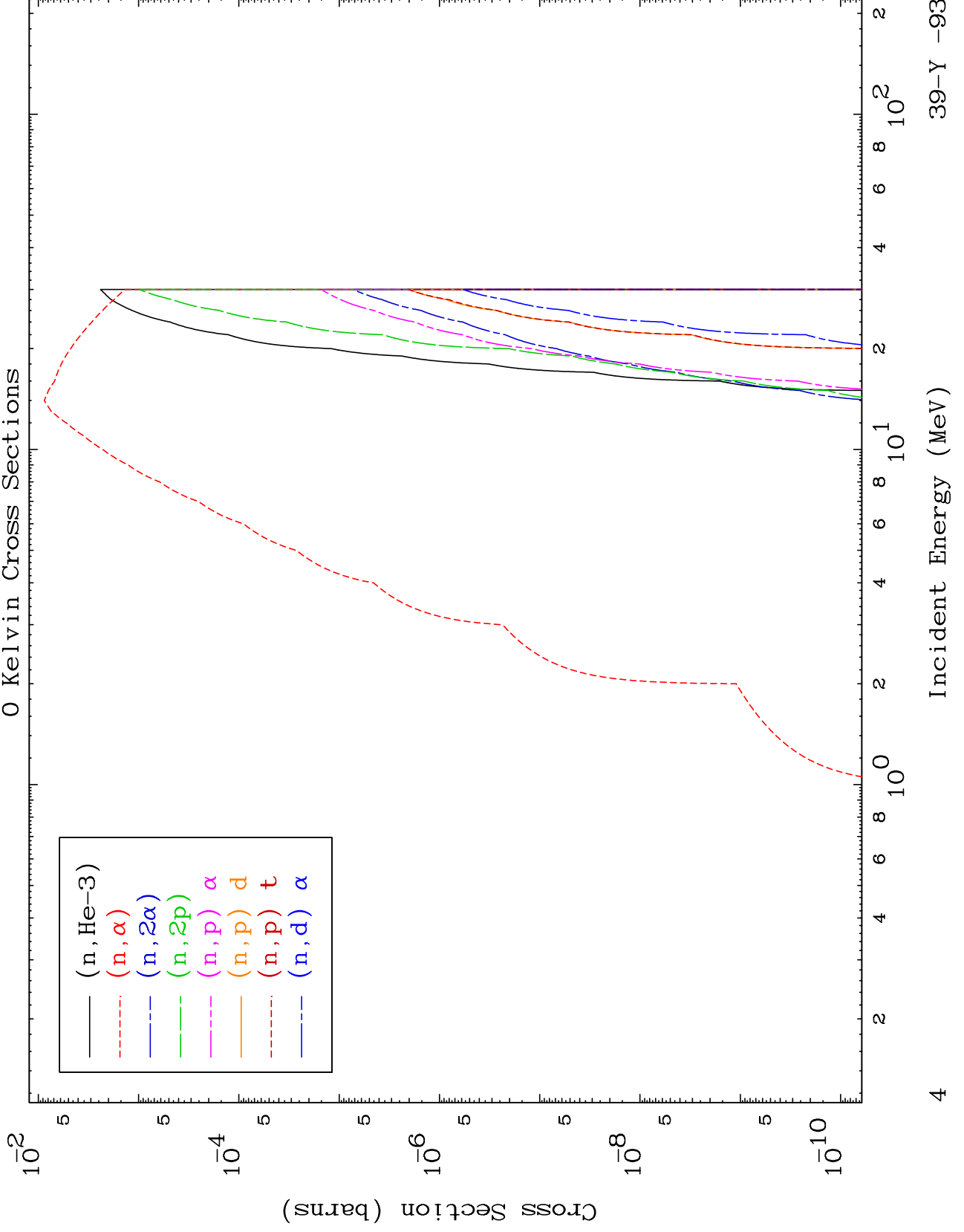




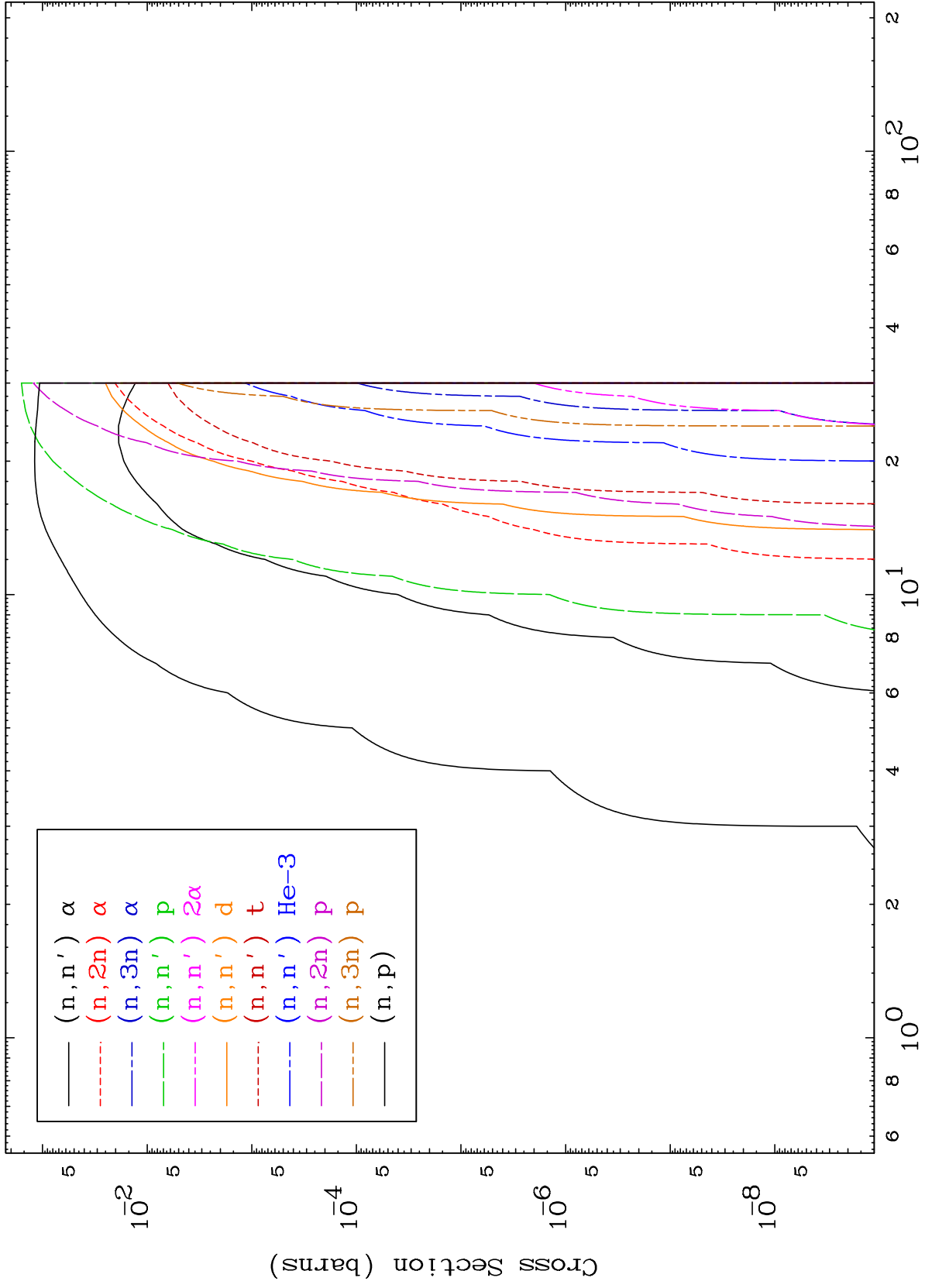
MAT 3937

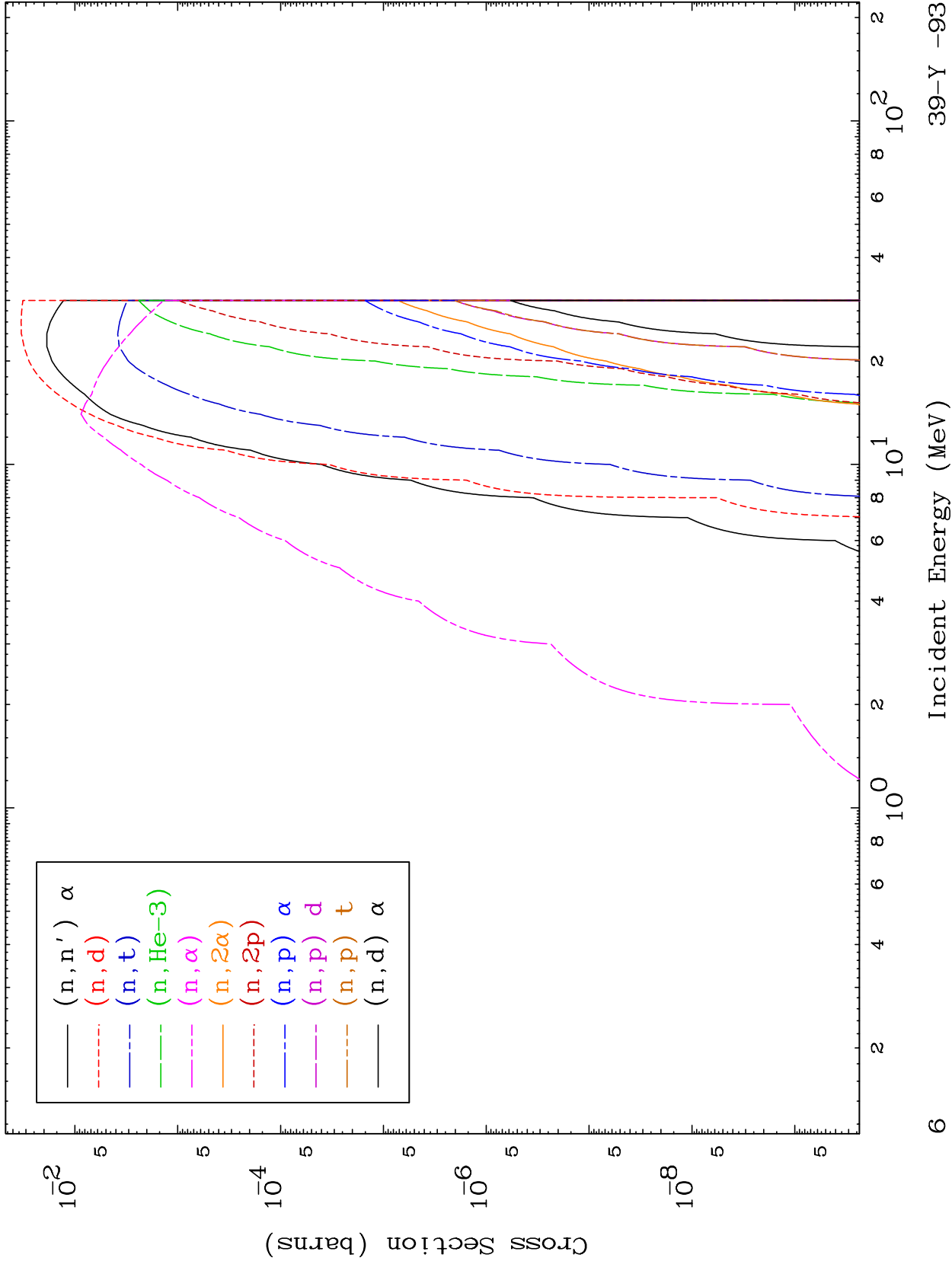
Proton Neutron Absorption
0 Kelvin Cross Sections

39-Y -93



39-Y -93

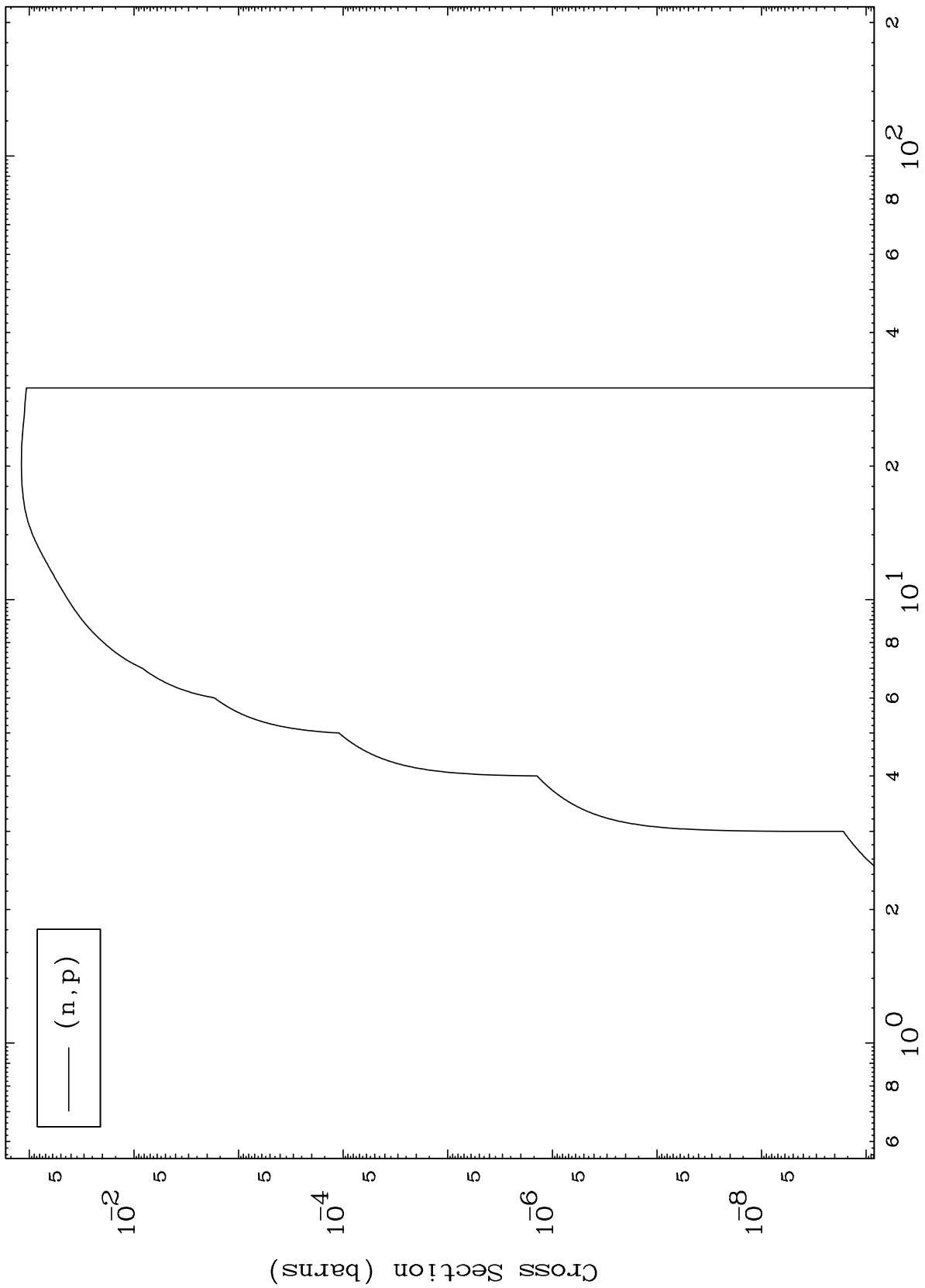




MAT 3937

39-Y -93

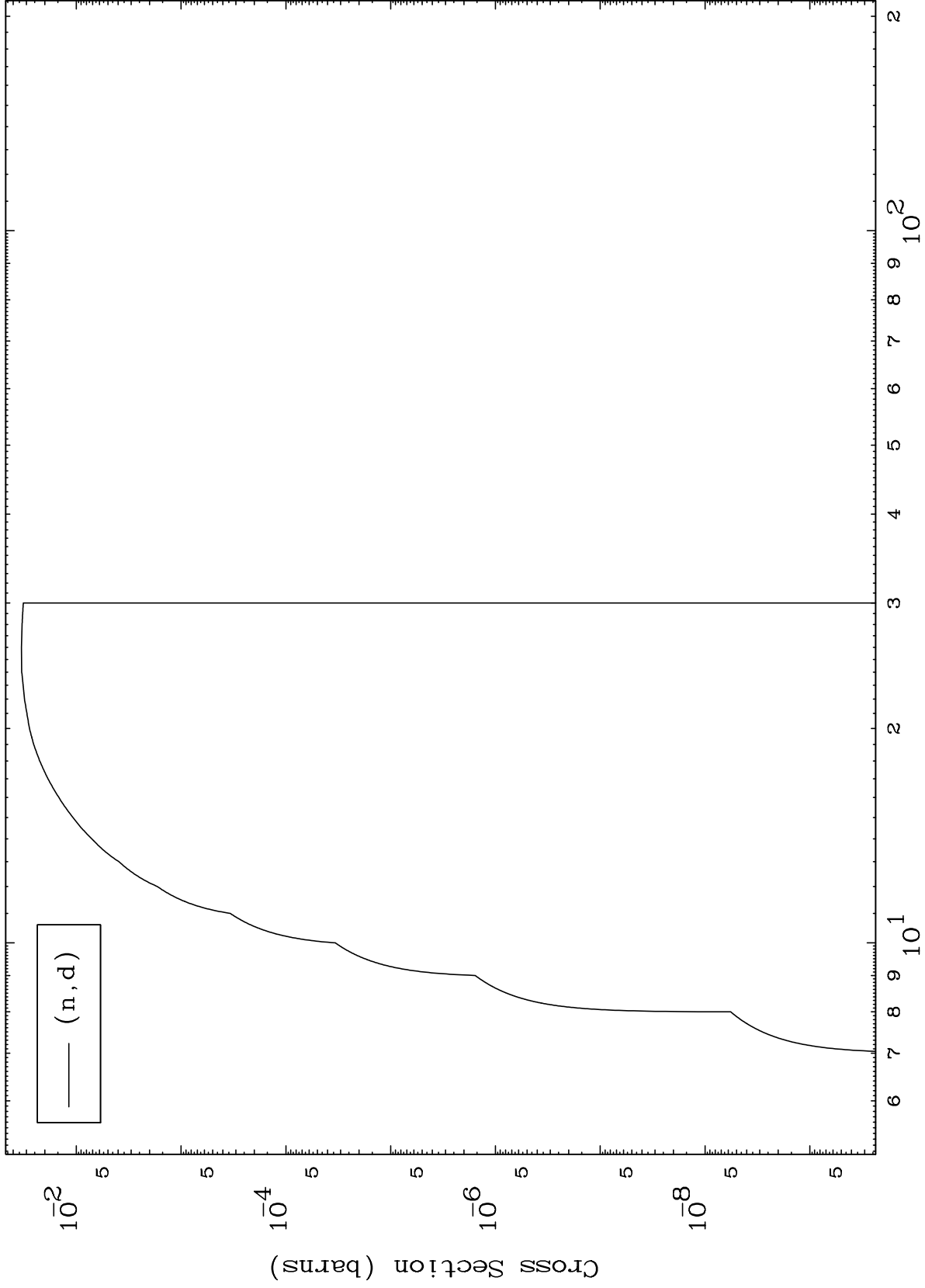
(p,p) Levels
0 Kelvin Cross Sections

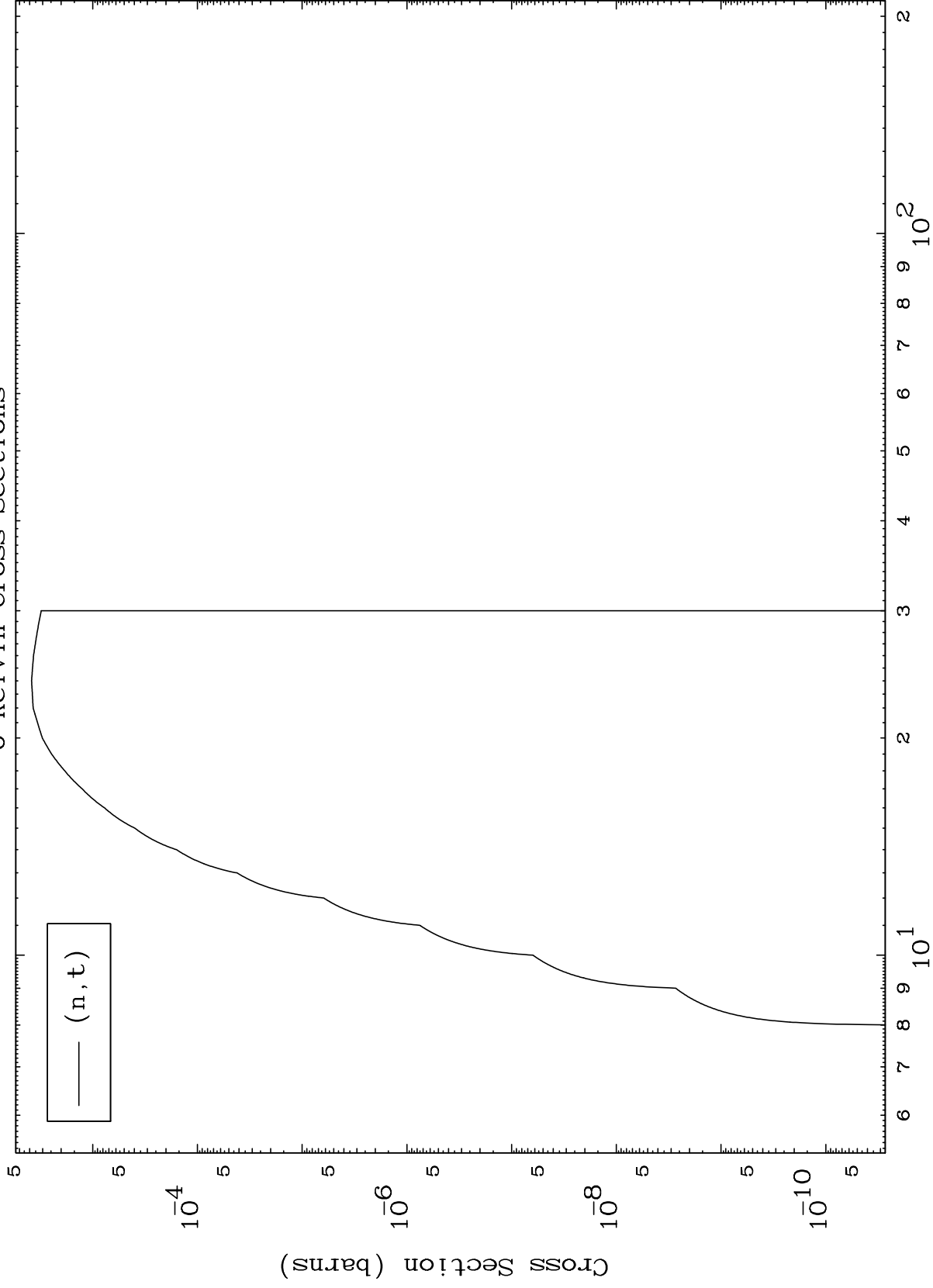


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Incident Energy (MeV)

39-Y -93



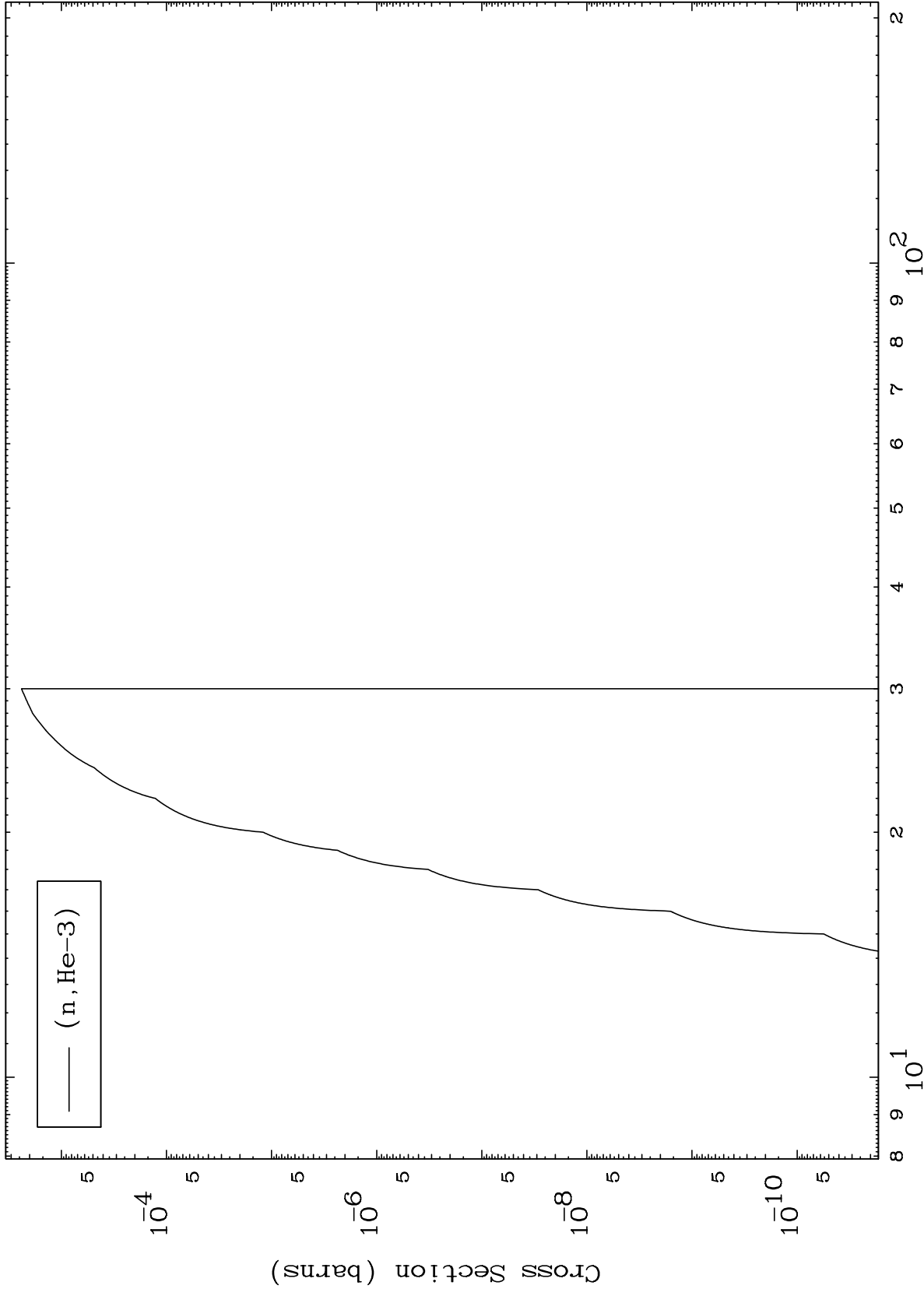


(n,t)

MAT 3937

(p,He3) Levels
0 Kelvin Cross Sections

39-Y -93



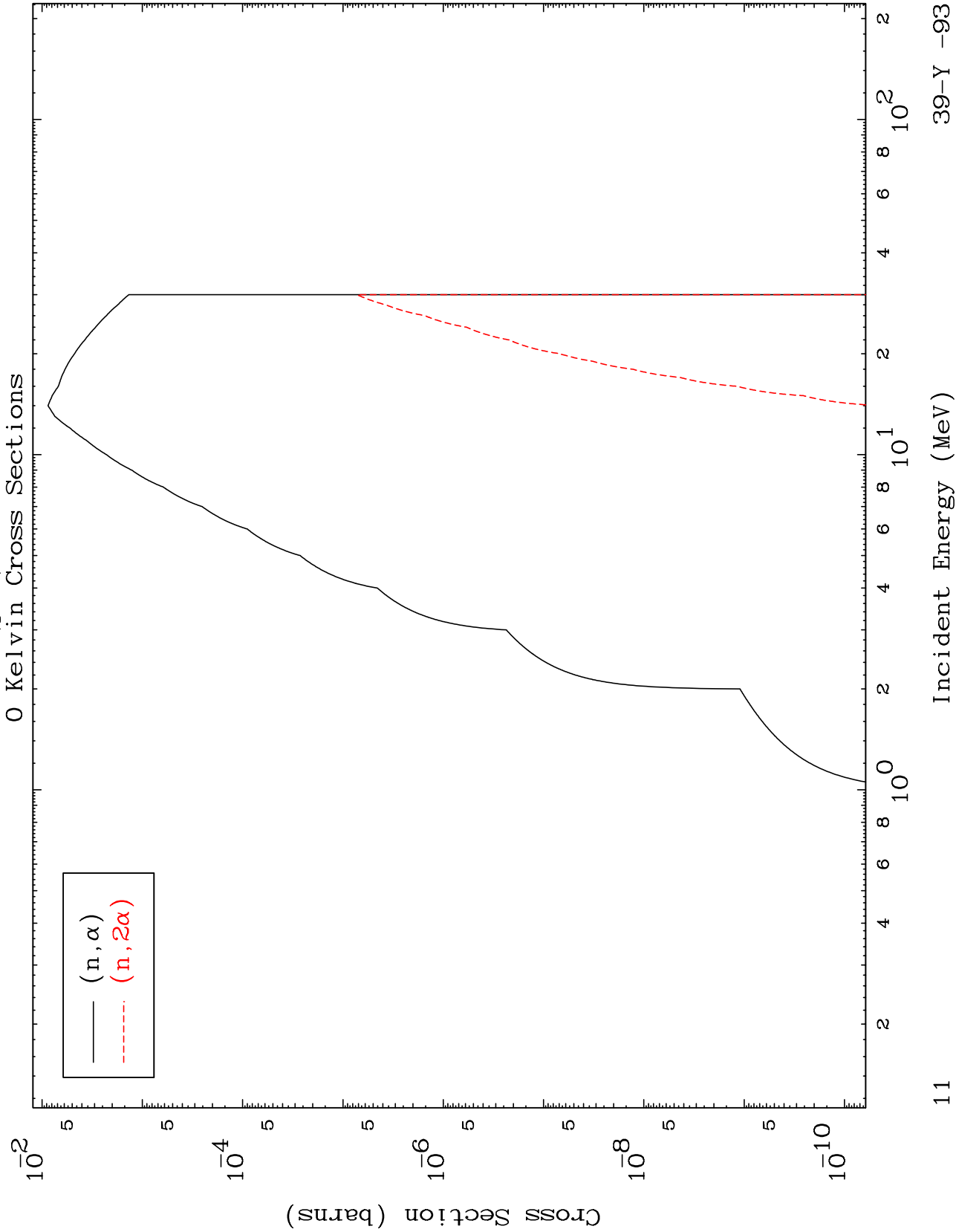
Incident Energy (MeV)

39-Y -93

MAT 3937

(p, α) Levels

39-Y -93

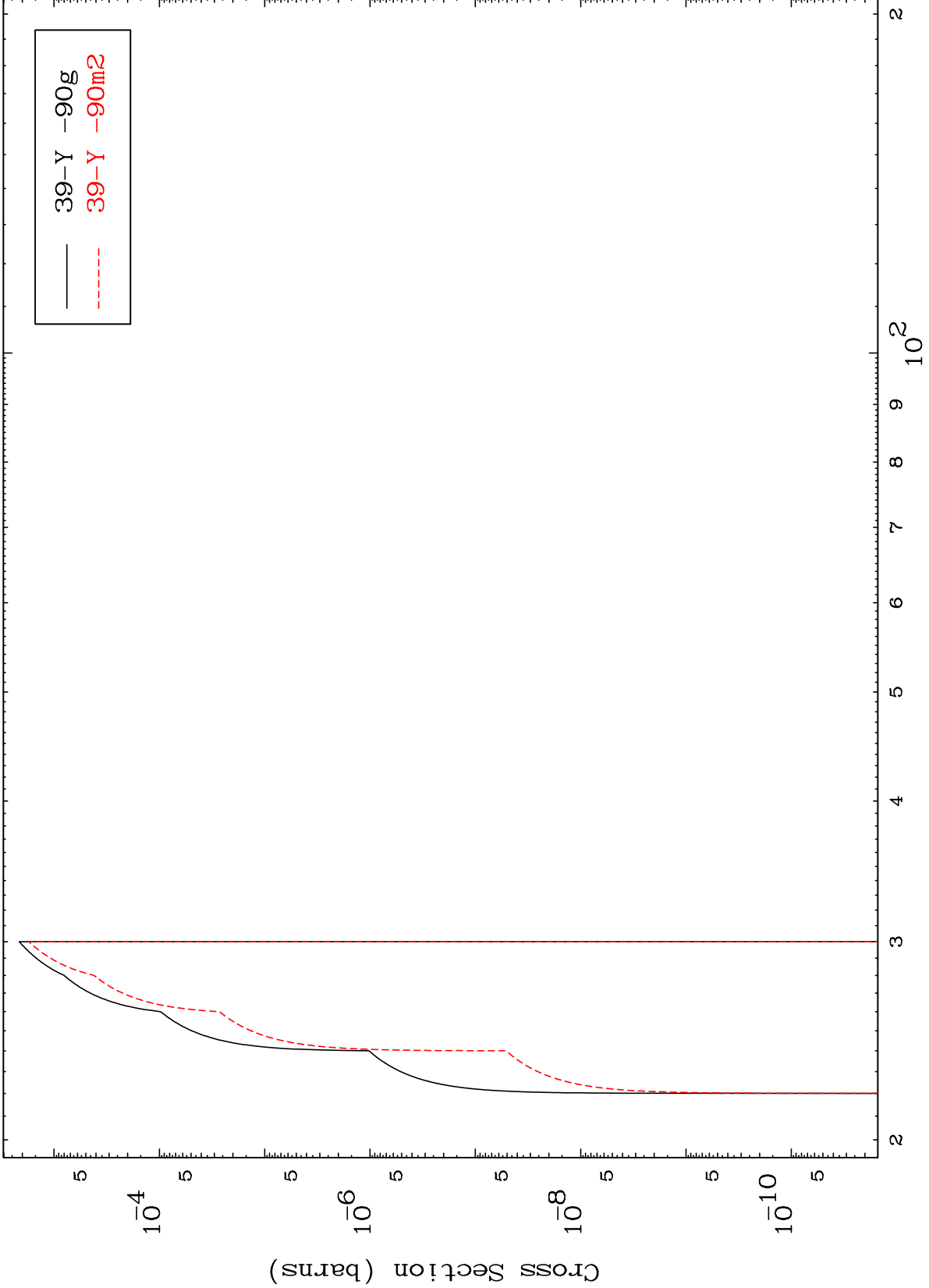


MAT 3937

(n,2n) d

39-Y -93

Radionuclide Production Cross Section



12

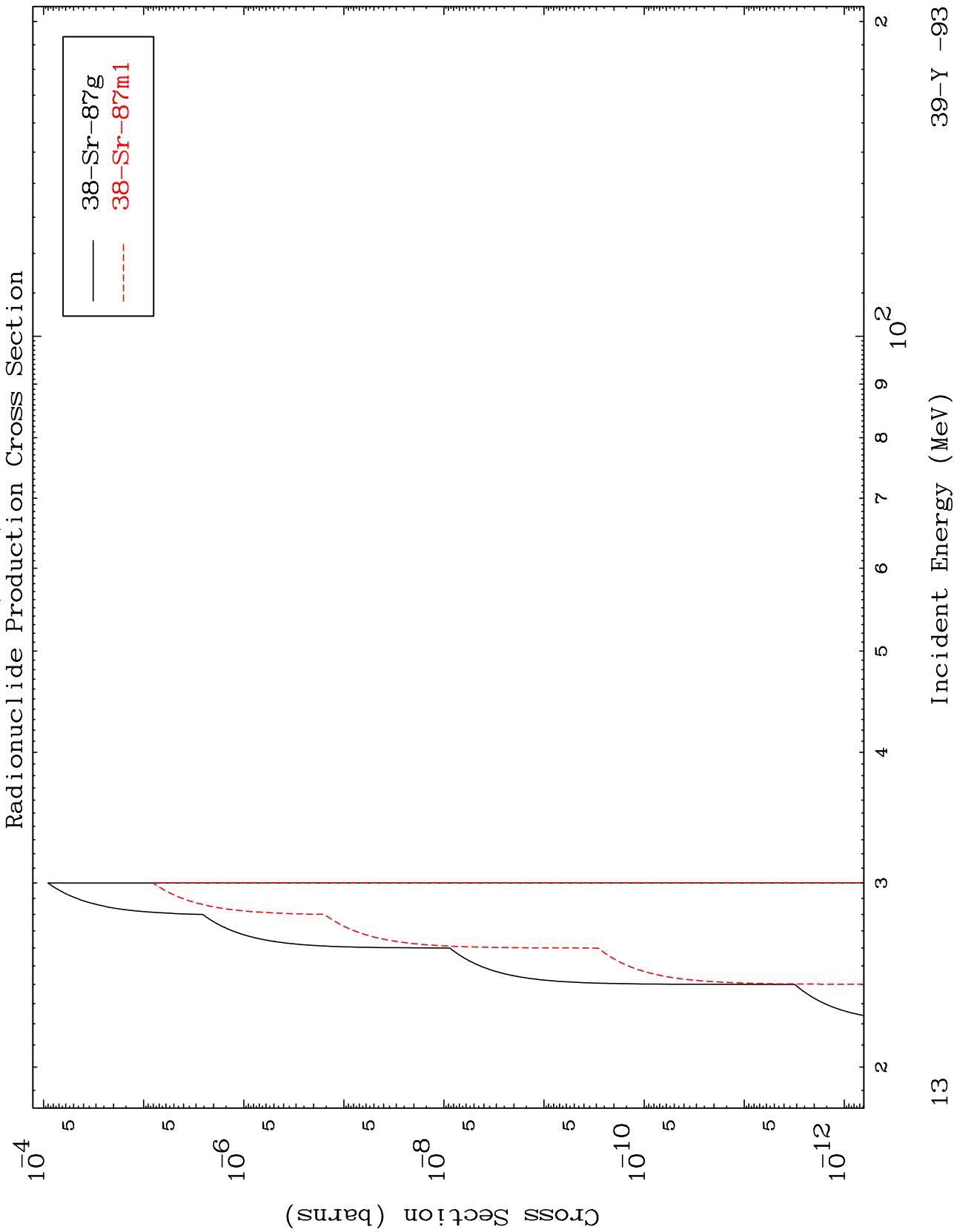
Incident Energy (MeV)

39-Y -93

MAT 3937

(n,3n) α

39-Y -93



13

Incident Energy (MeV)

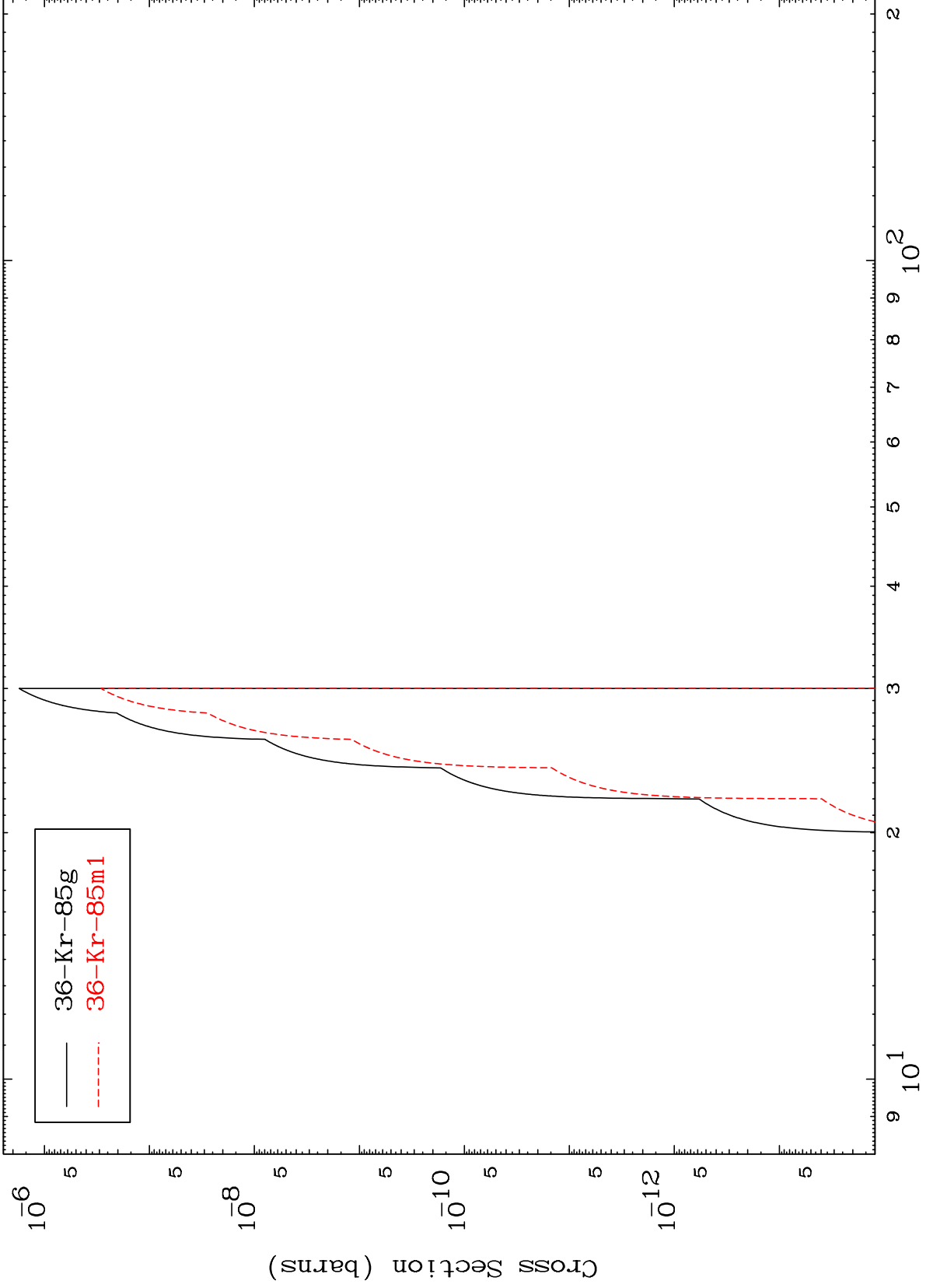
39-Y -93

MAT 3937

(n,n') 2α

39-Y -93

Radionuclide Production Cross Section

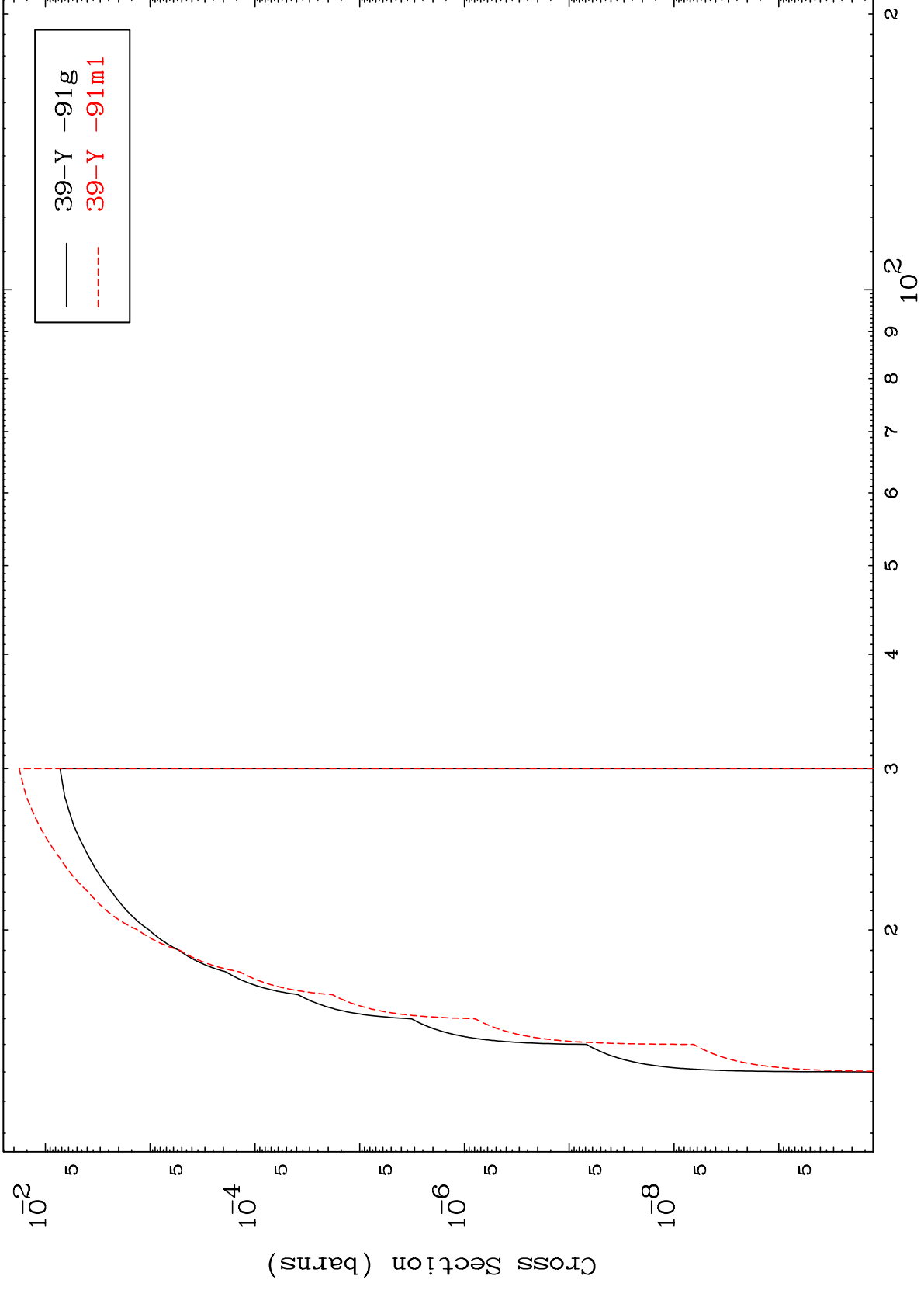


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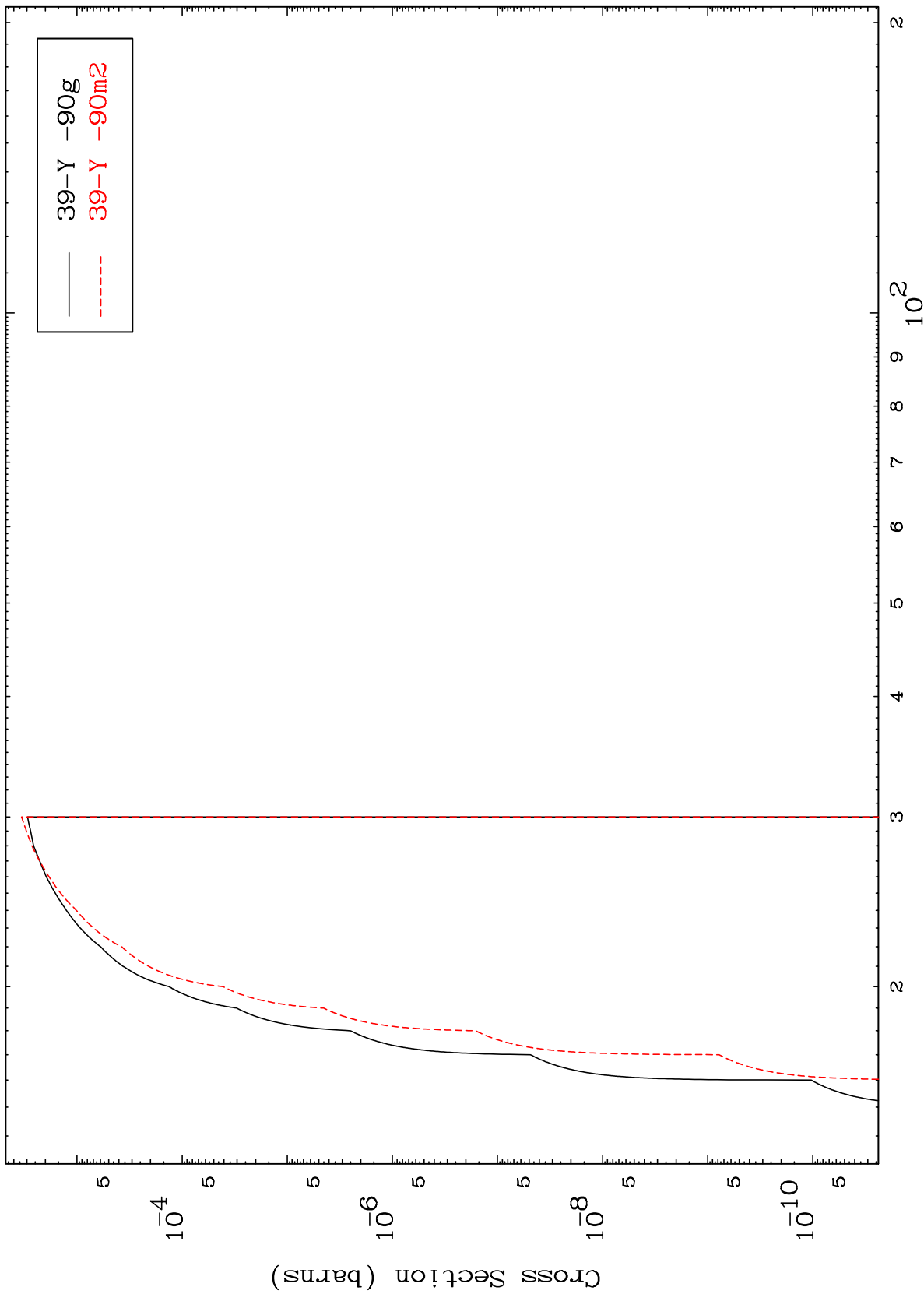
Incident Energy (MeV)

39-Y -93

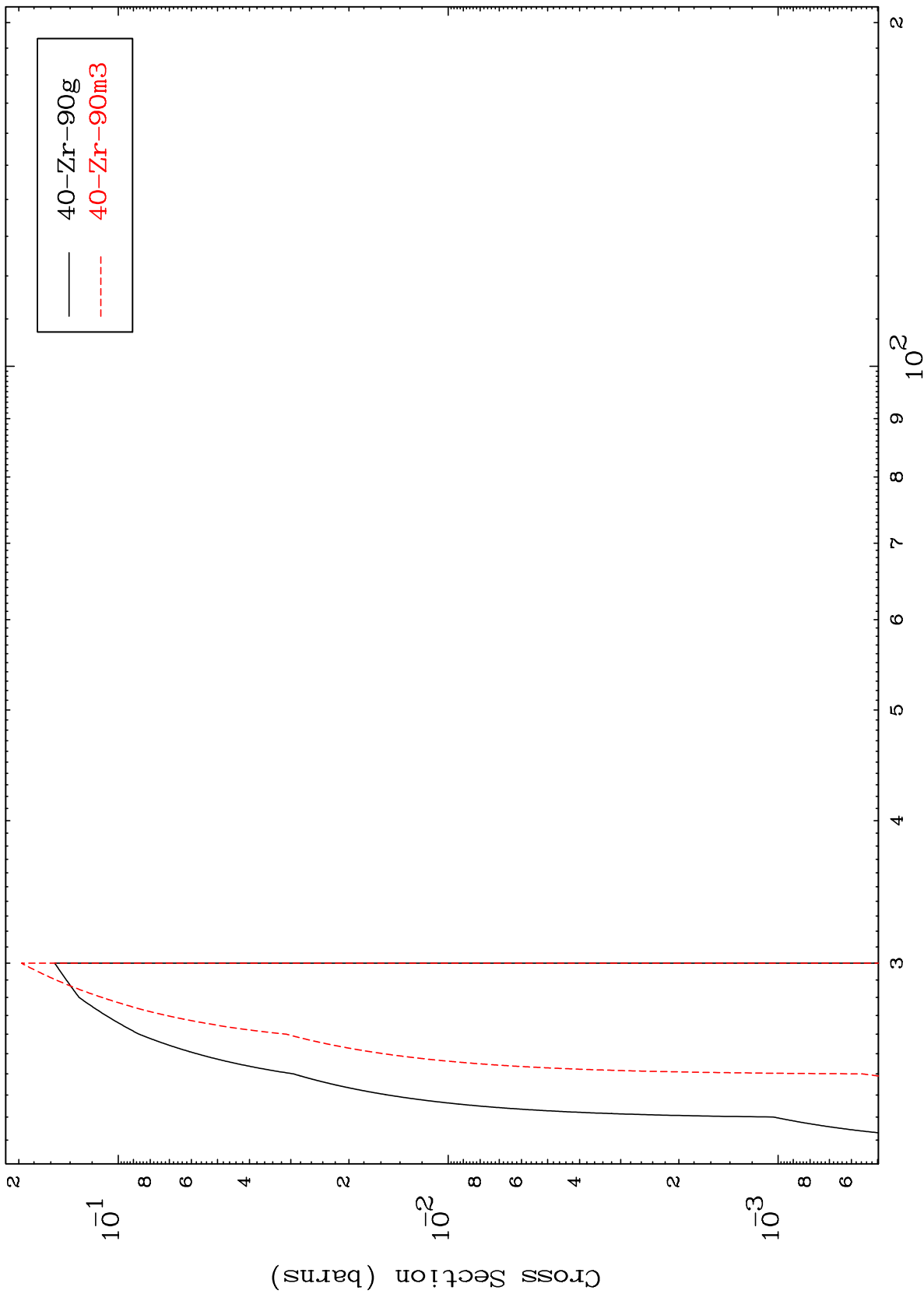
Radionuclide Production Cross Section



Radionuclide Production Cross Section



(n,4n)
Radionuclide Production Cross Section



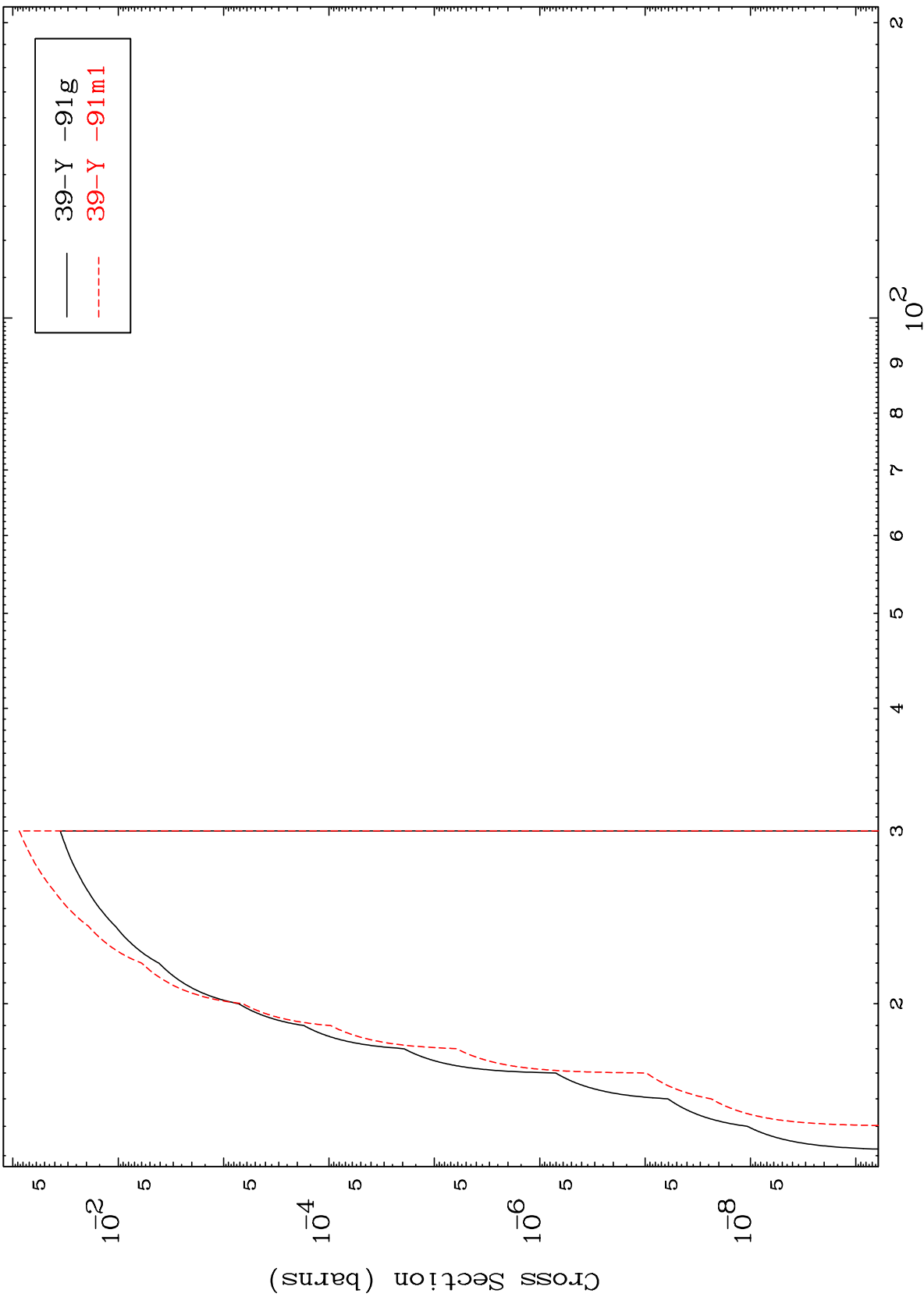
40-Zr-90g
40-Zr-90m3

MAT 3937

(n,2n) p

39-Y -93

Radionuclide Production Cross Section



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

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Incident Energy (MeV)

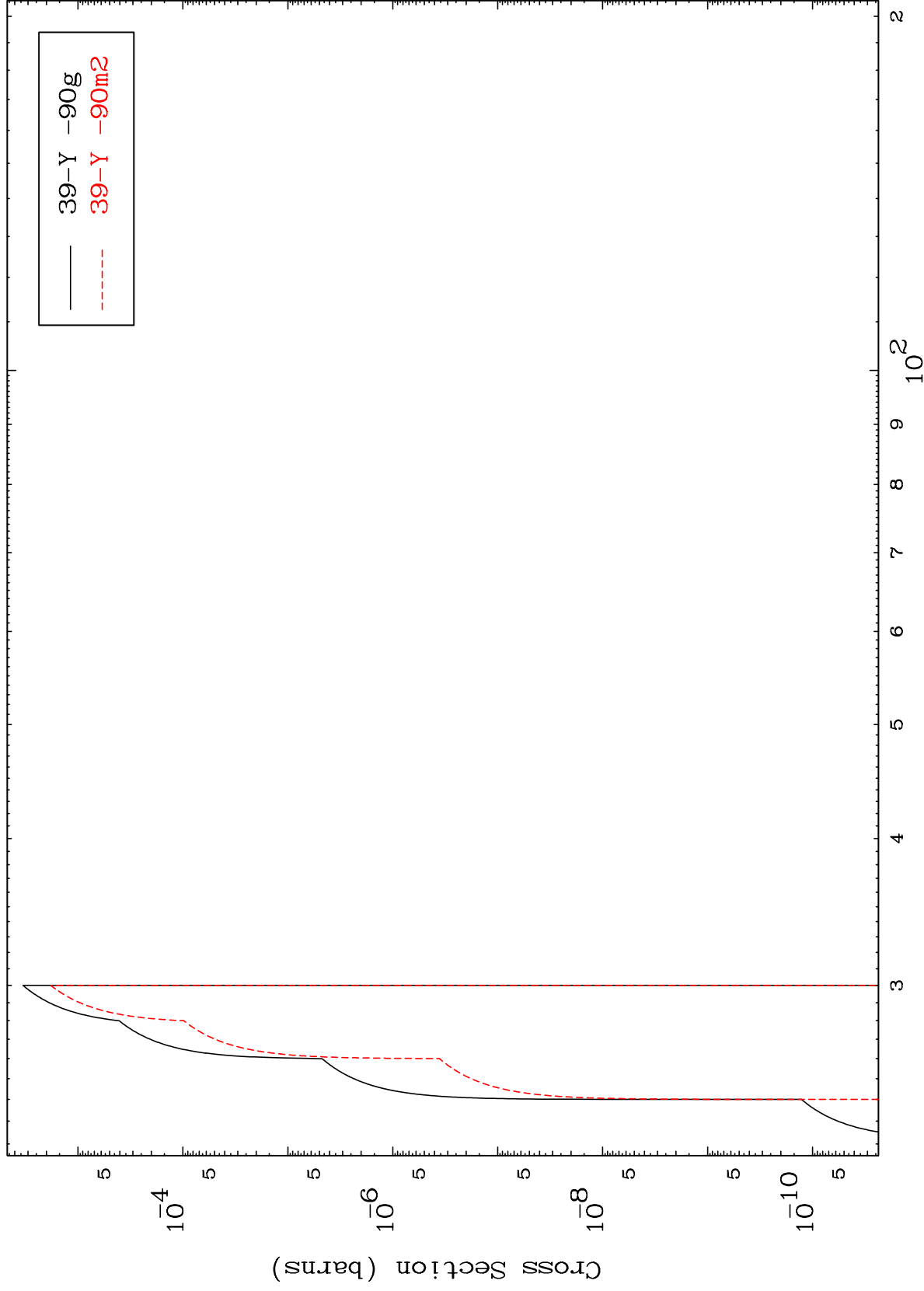
39-Y -93

MAT 3937

(n,3n) p

39-Y -93

Radionuclide Production Cross Section



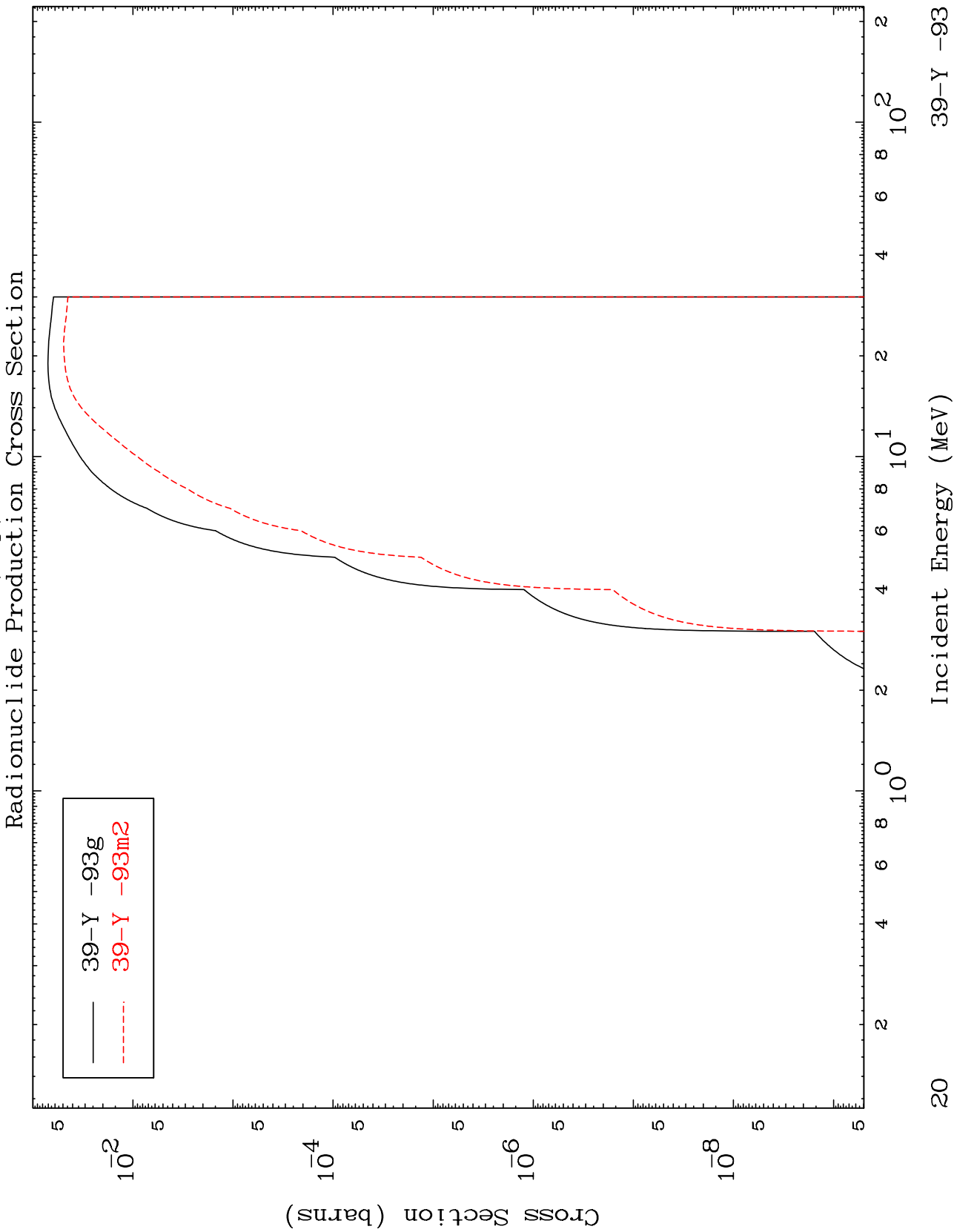
19

Incident Energy (MeV)

39-Y -93

MAT 3937

39-Y -93



20

39-Y -93

Radionuclide Production Cross Section (n,t)

