

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

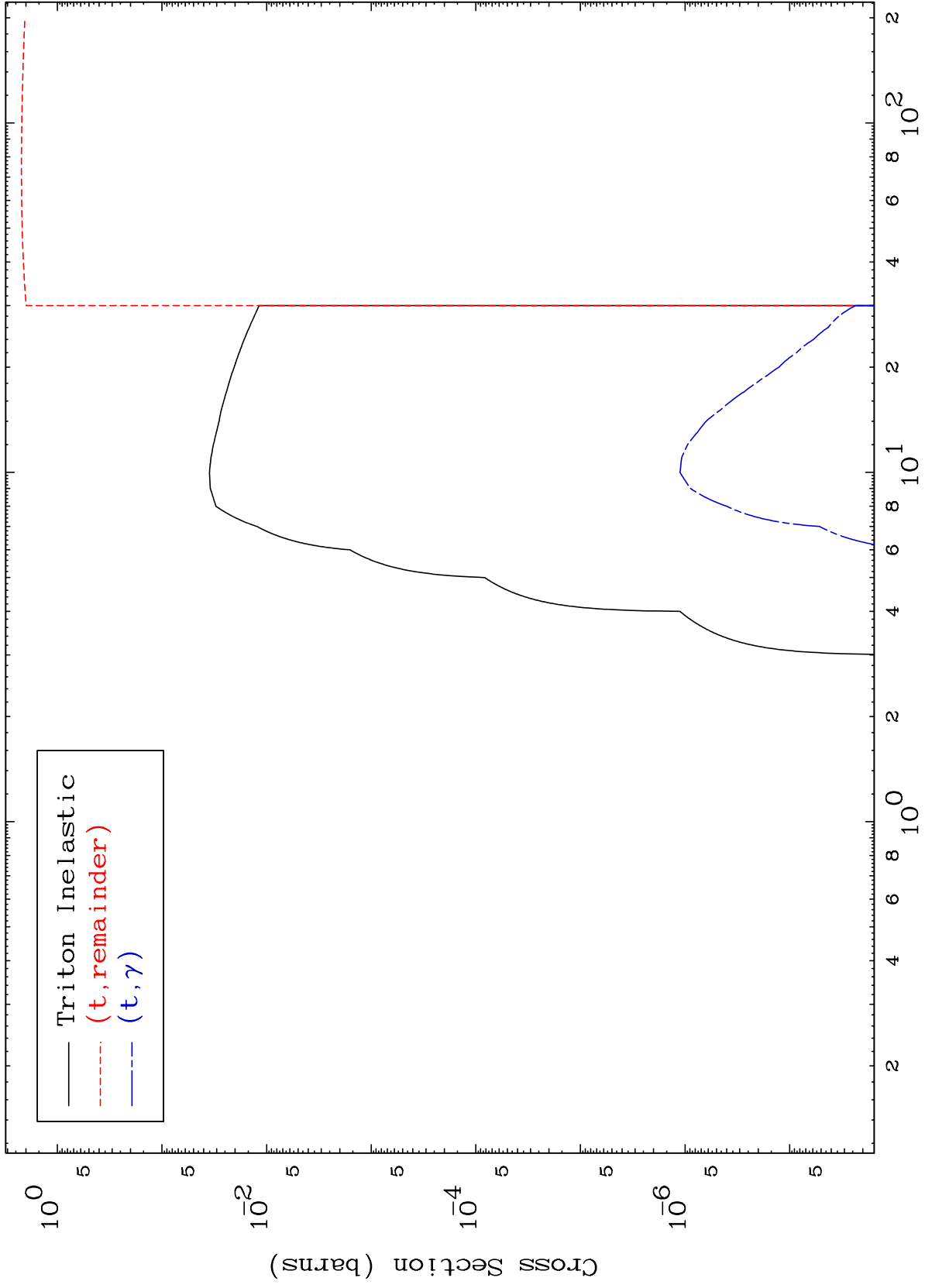
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

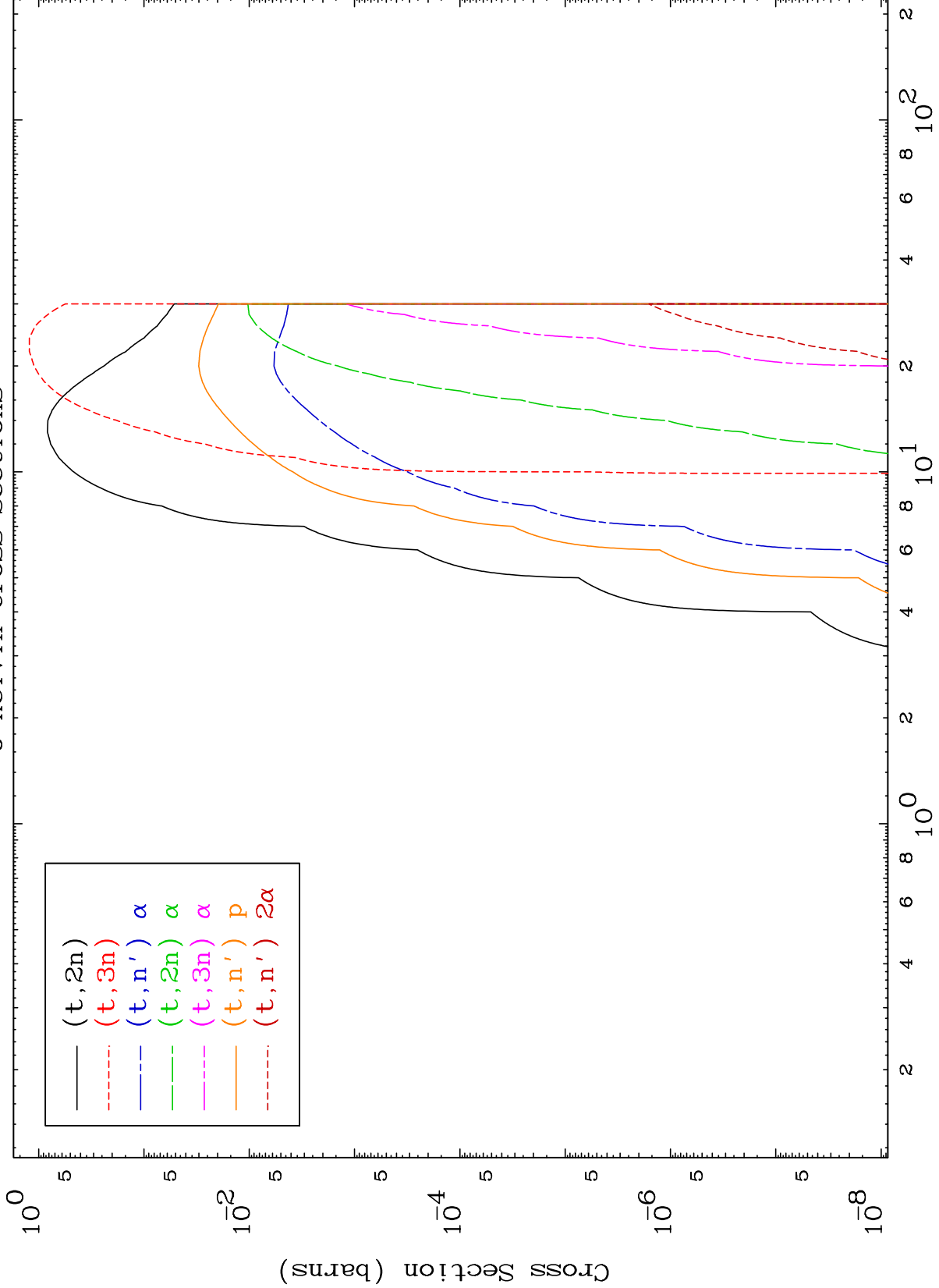
Tele: 925-443-1911

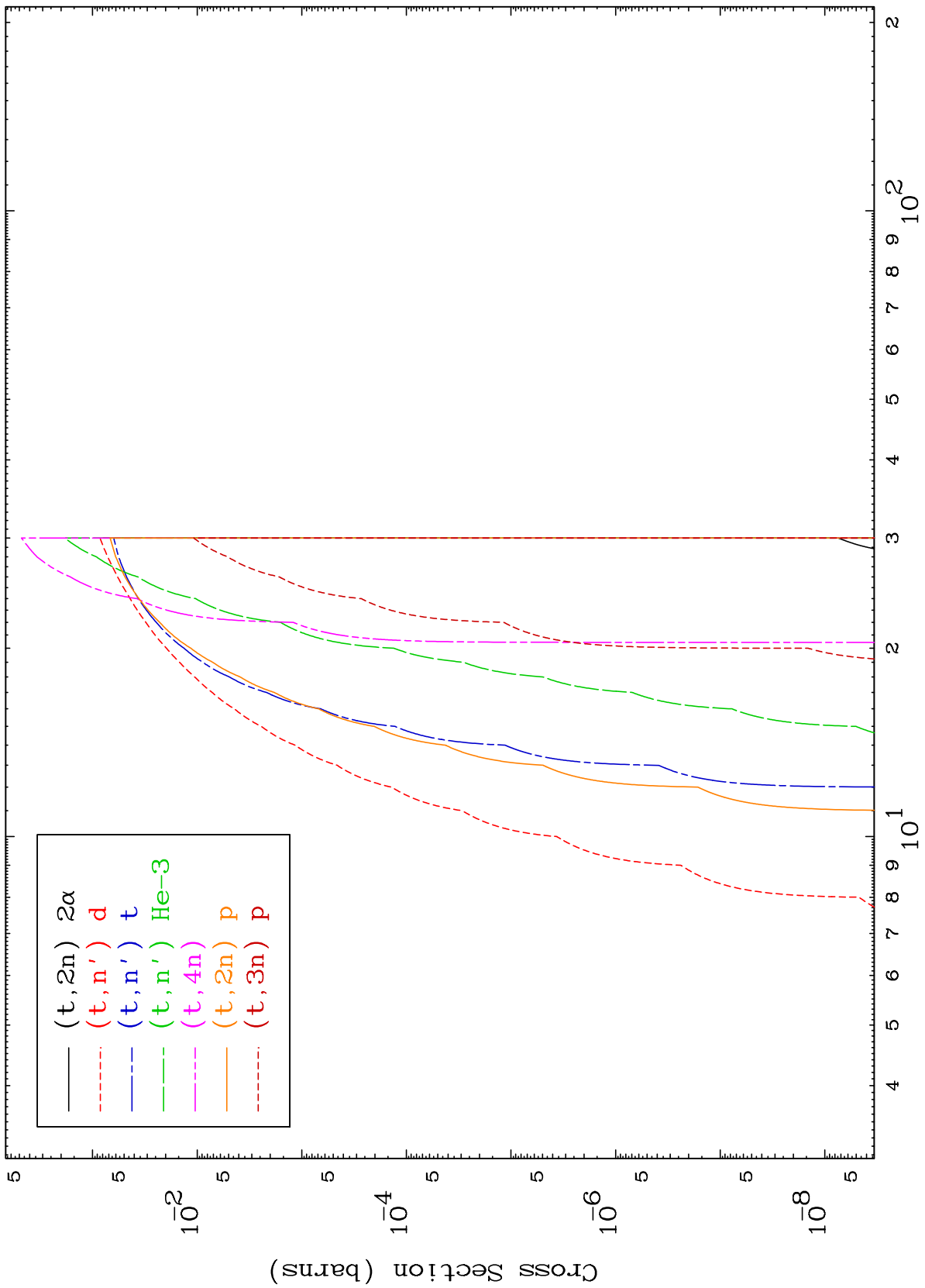
E.Mail:redcullen1@comcast.net

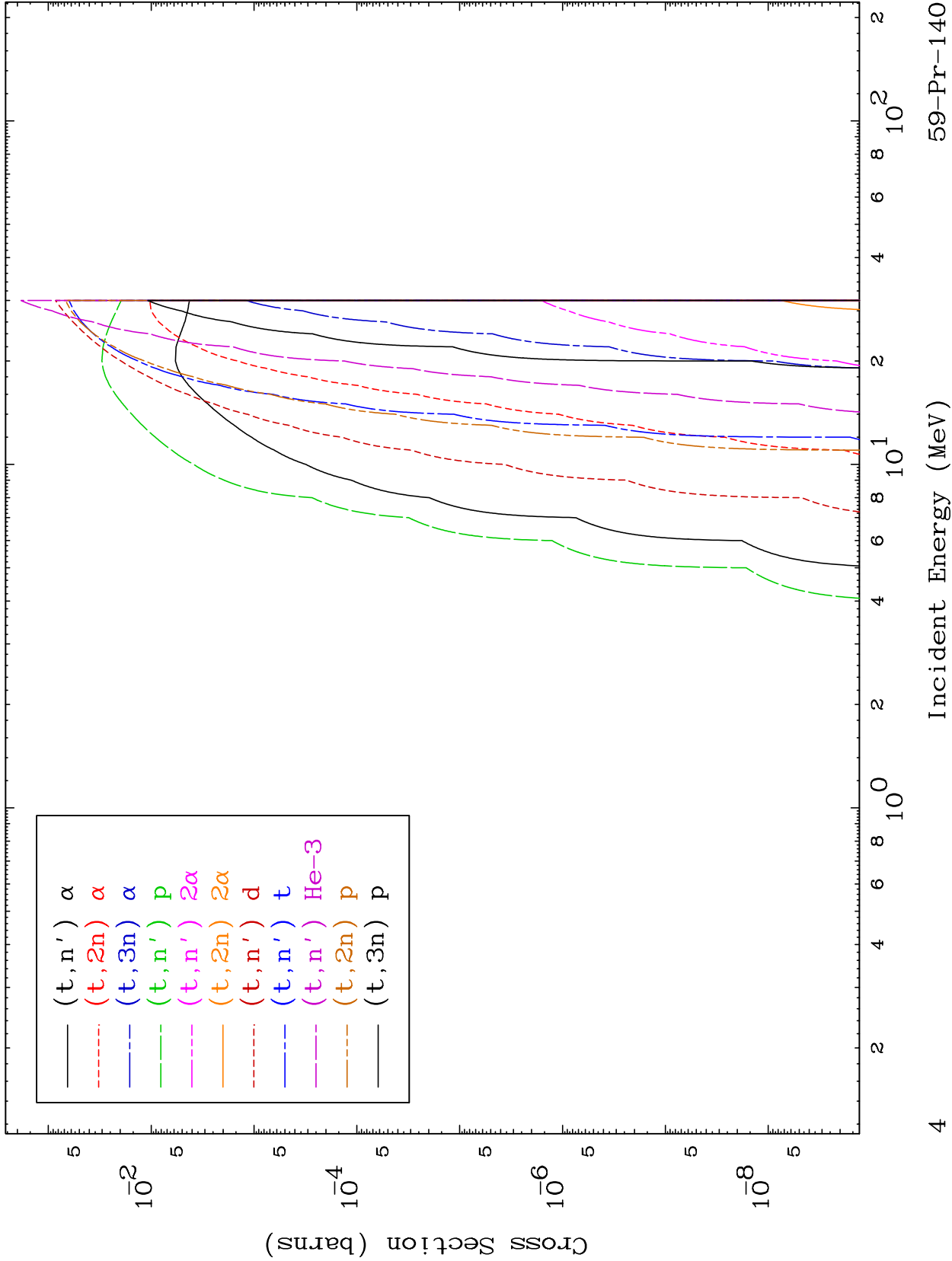
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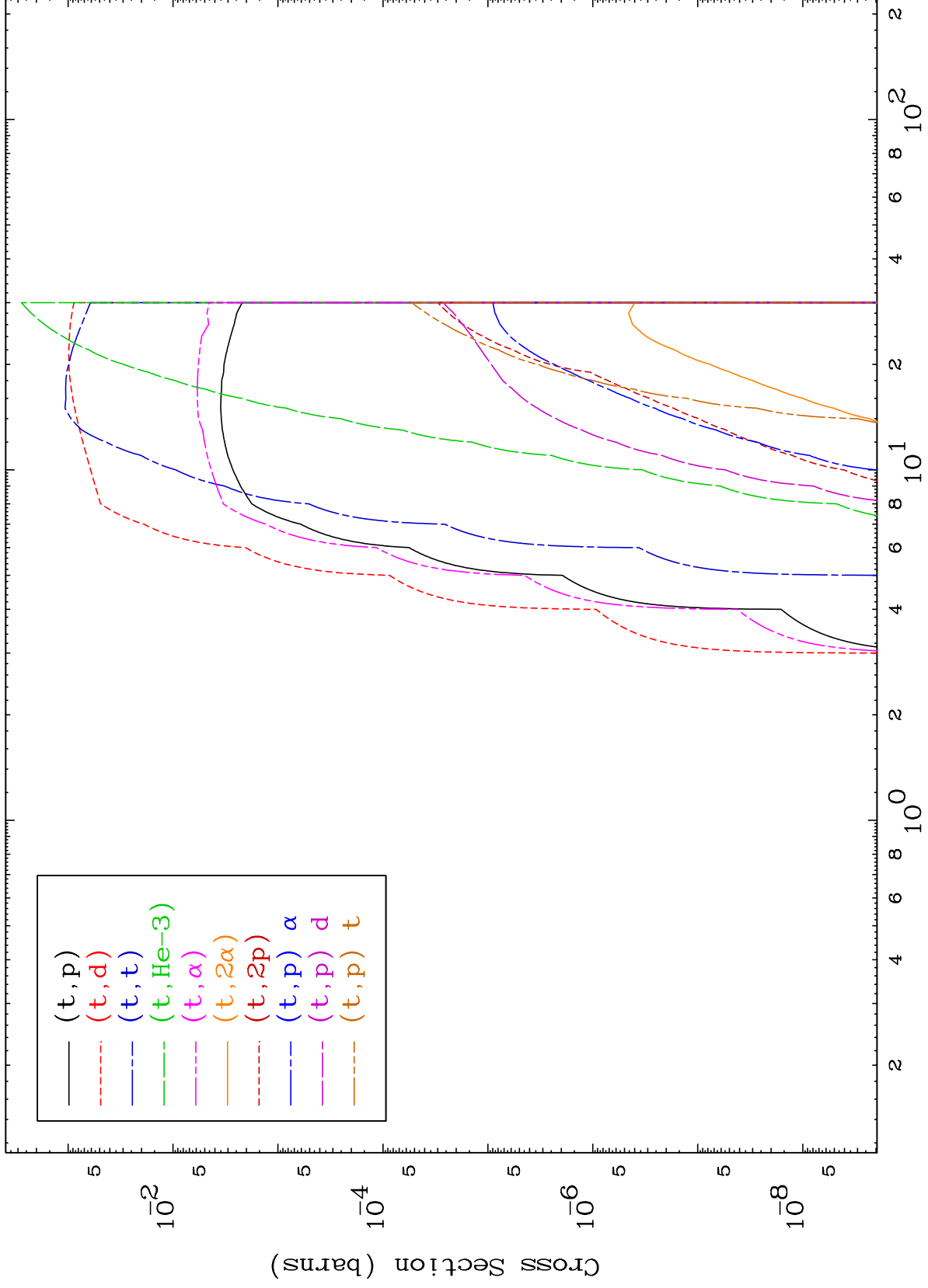
Press Mouse Button to Start



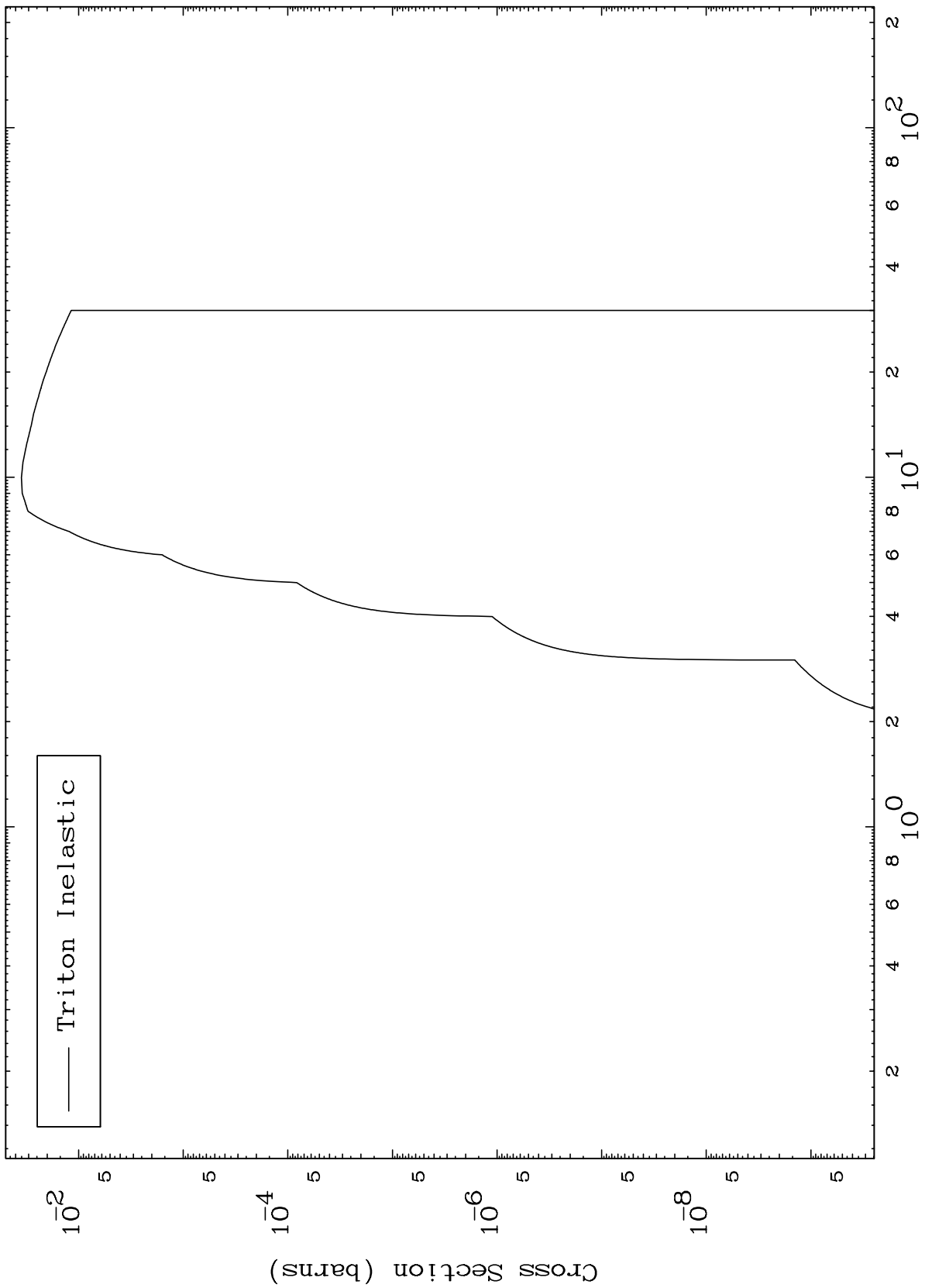








(t, n') Level
0 Kelvin Cross Sections

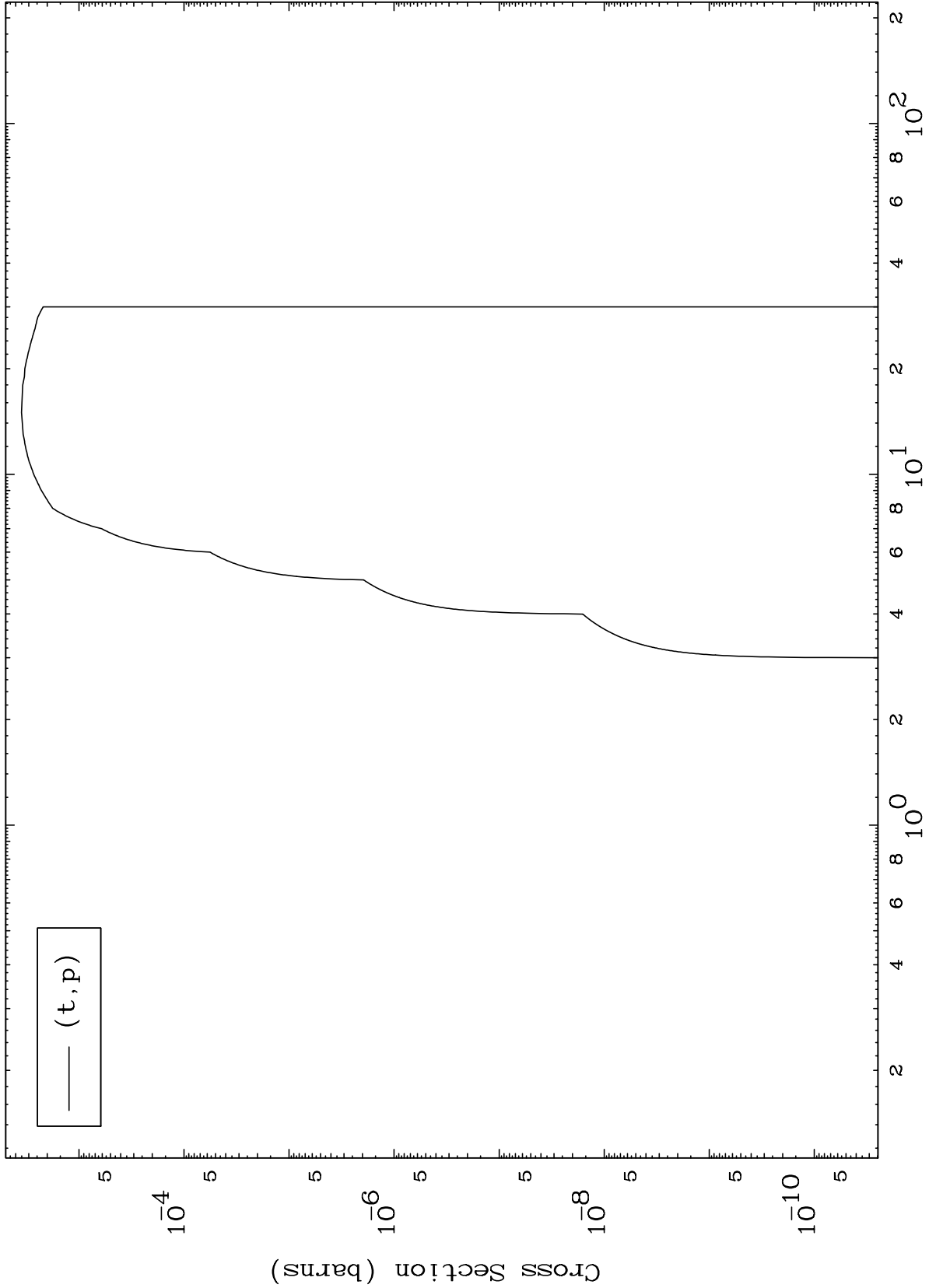


MAT 5922

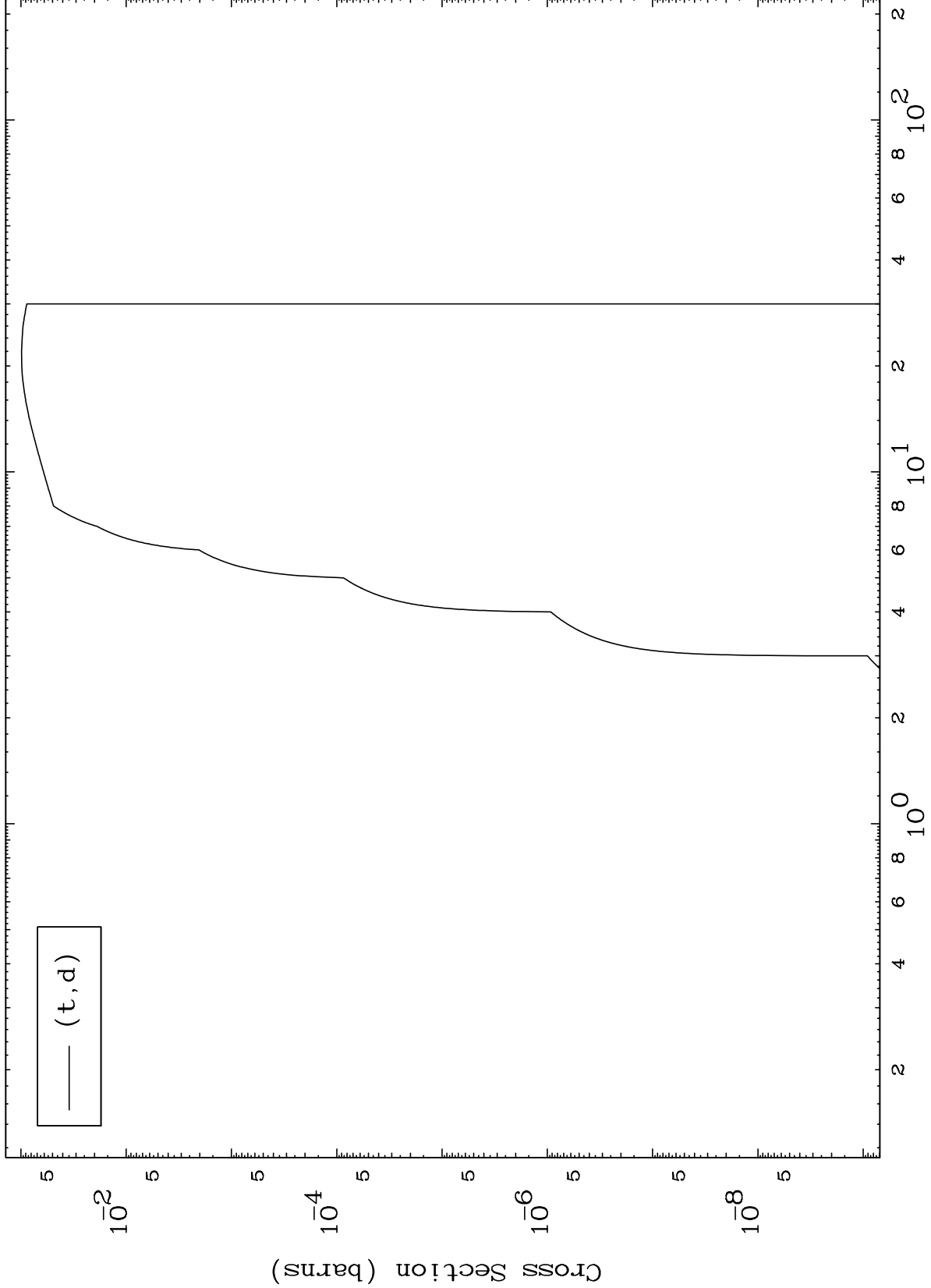
(t,p) Levels

59-Pr-140

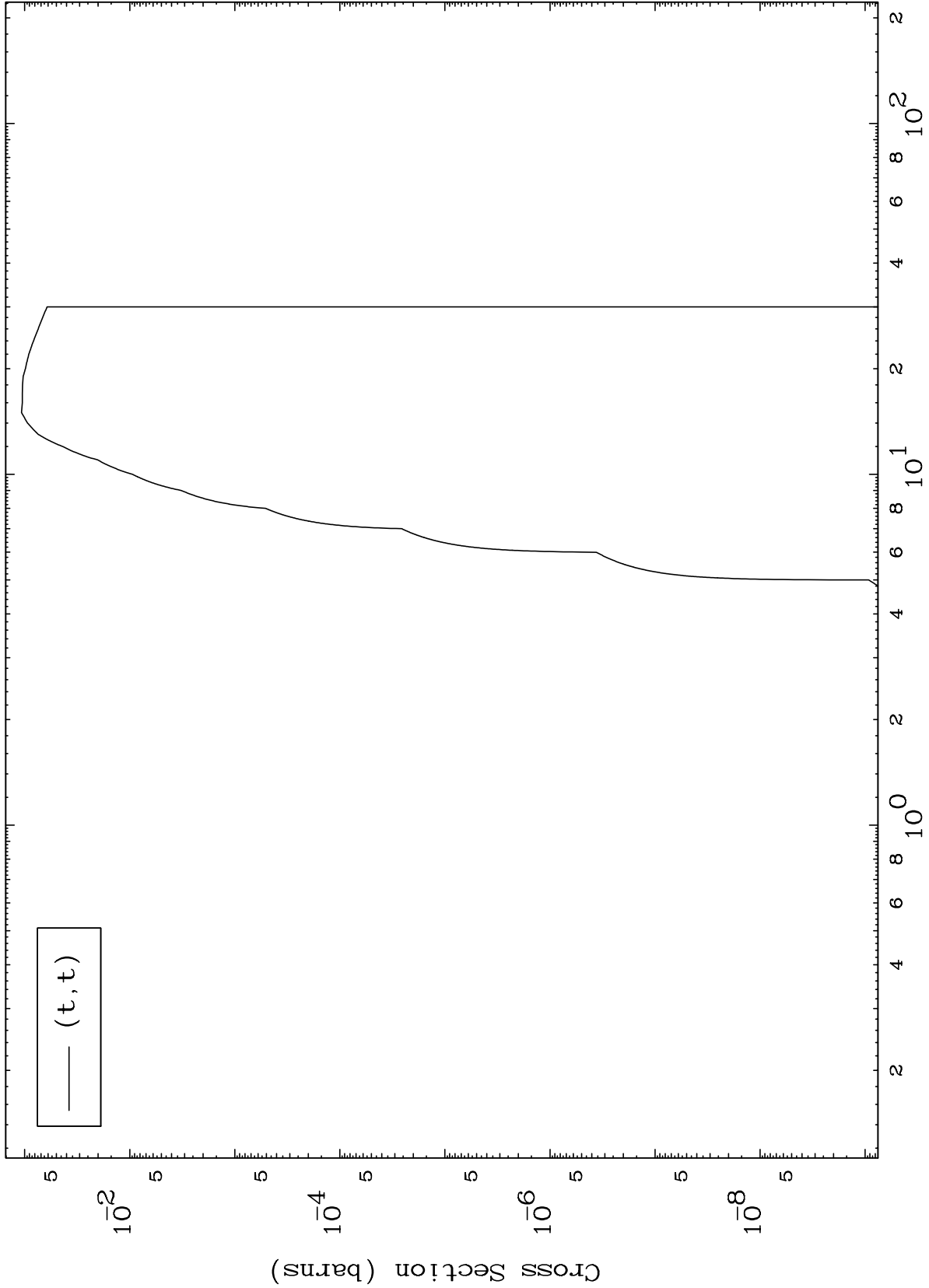
0 Kelvin Cross Sections



0 Kelvin Cross Sections



0 Kelvin Cross Sections

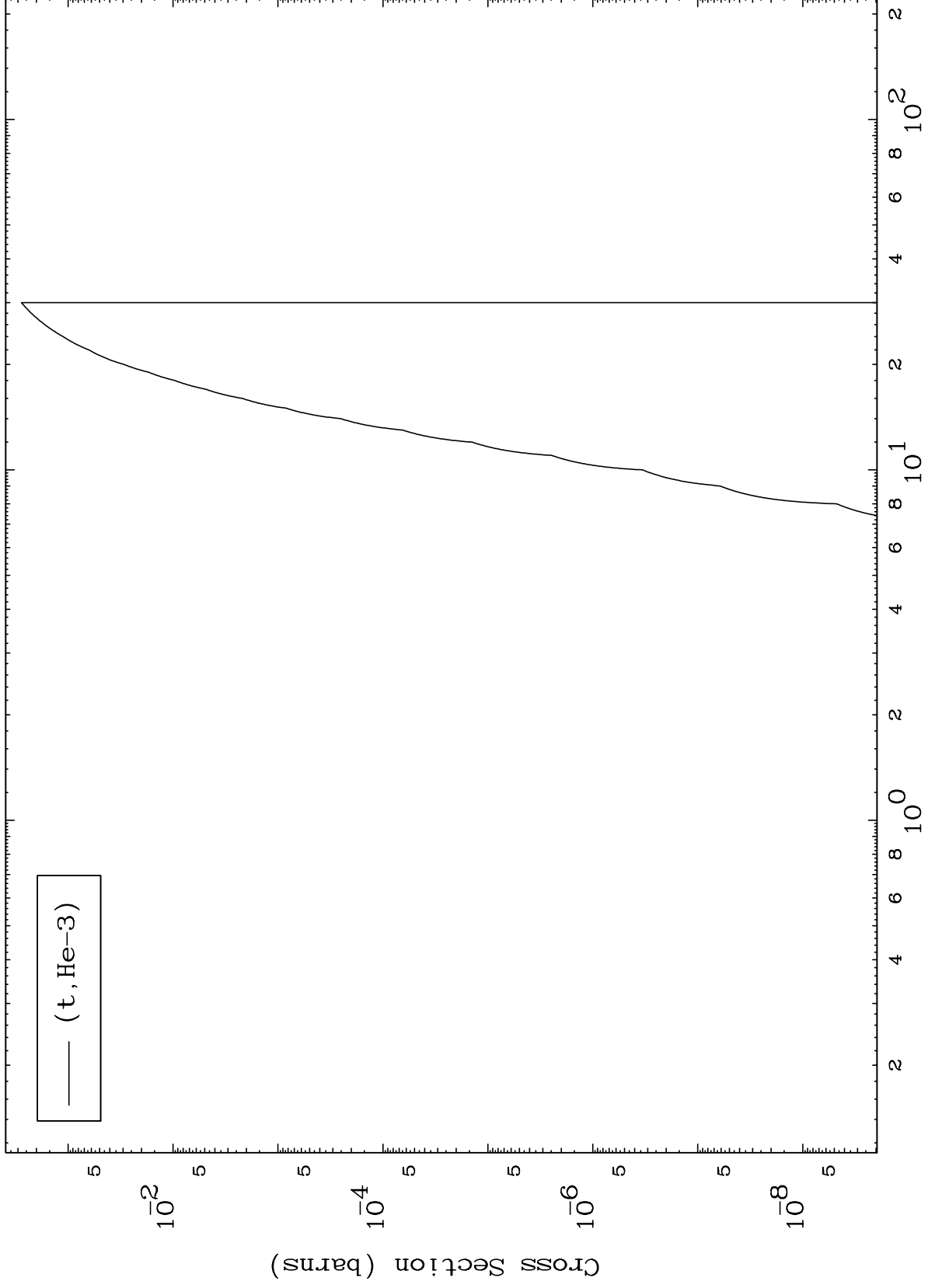


MAT 5922

(t,He3) Levels

59-Pr-140

0 Kelvin Cross Sections



10

Incident Energy (MeV)

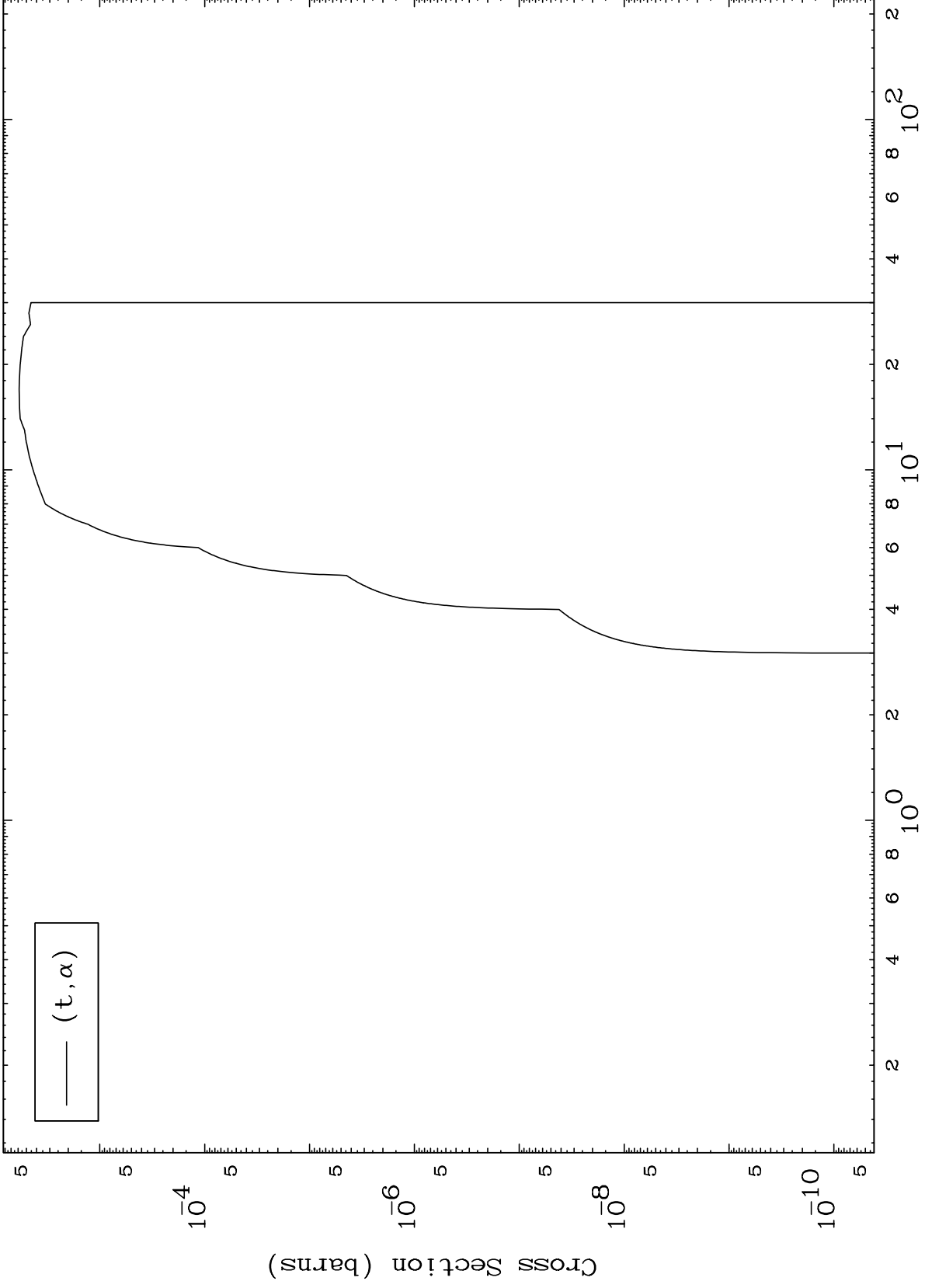
59-Pr-140

MAT 5922

(t, α) Levels

59-Pr-140

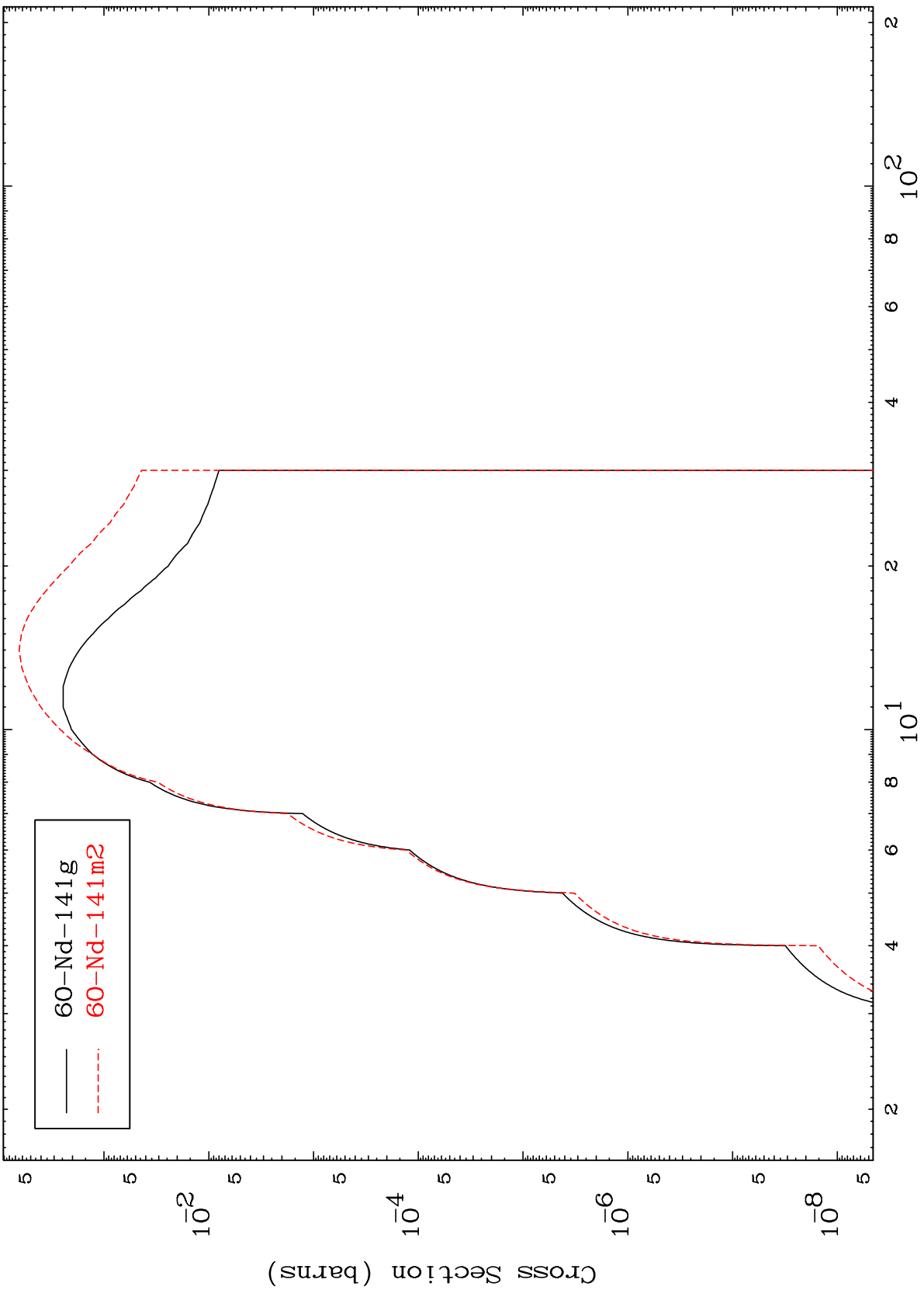
0 Kelvin Cross Sections



MAT 5922

59-Pr-140

Radionuclide Production Cross Section (t,2n)



12

Incident Energy (MeV)

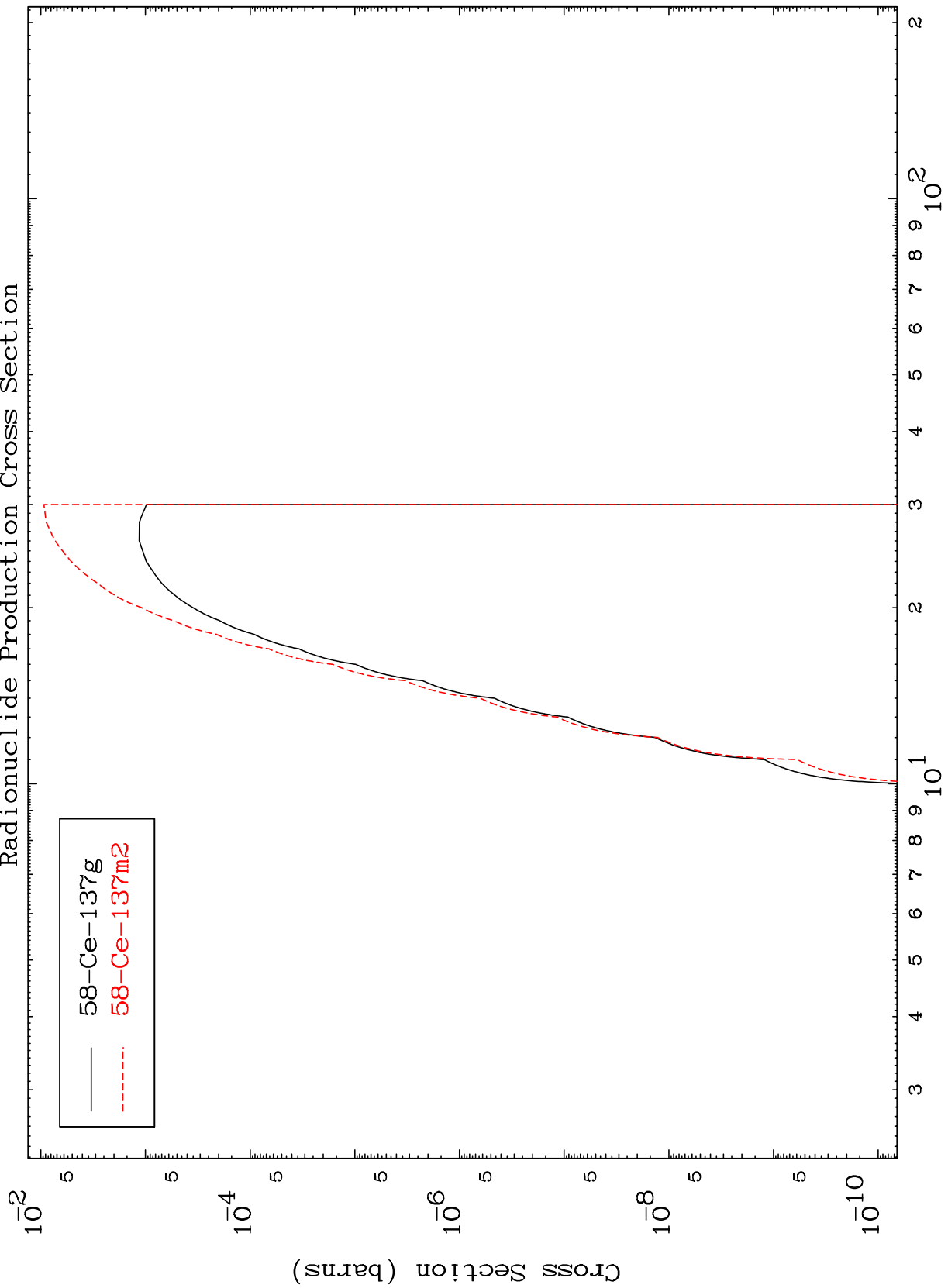
59-Pr-140

MAT 5922

(t,2n) α

59-Pr-140

Radionuclide Production Cross Section



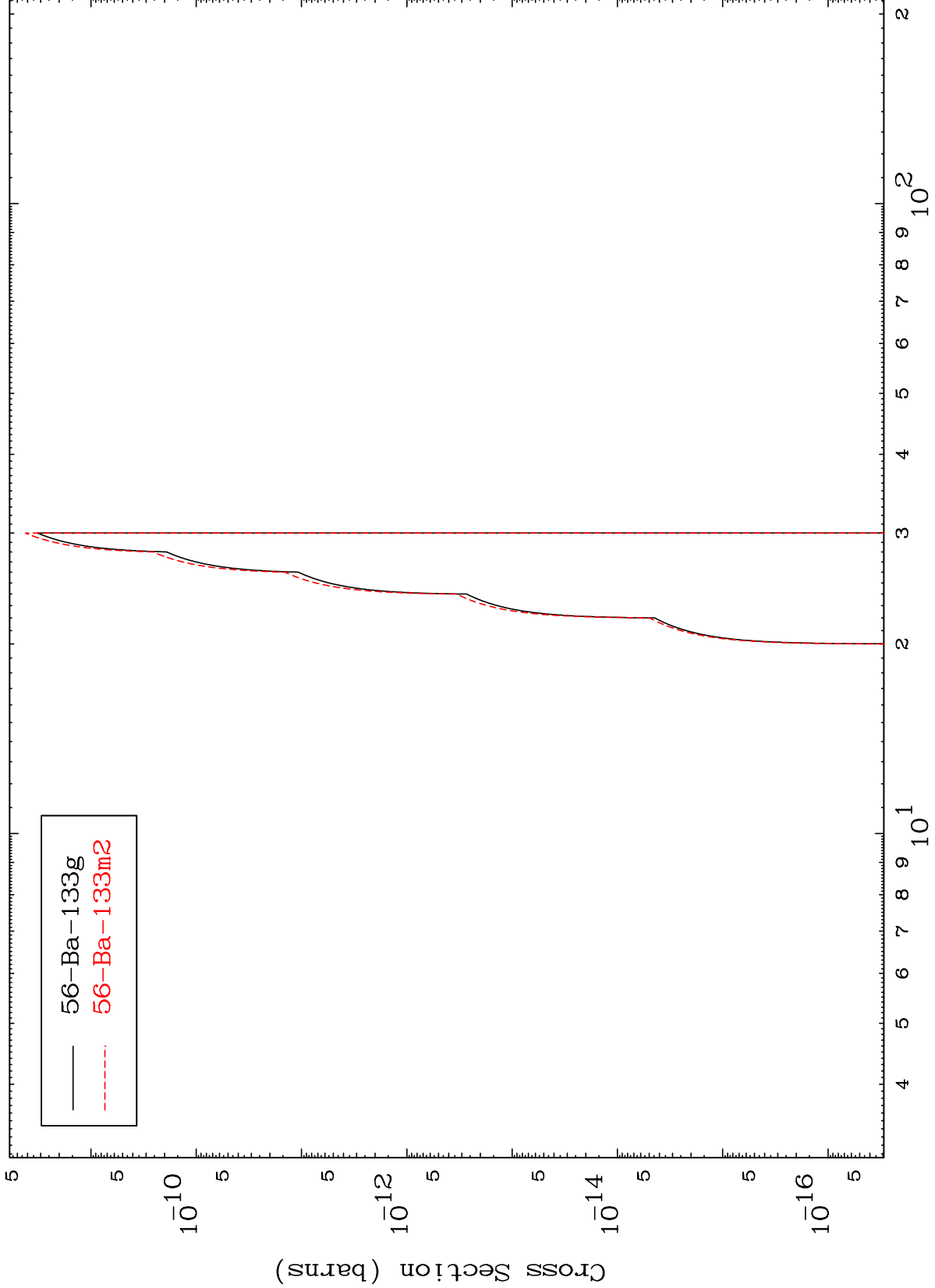
58-Ce-137g
58-Ce-137m2

MAT 5922

$(t, 2n) 2\alpha$

59-Pr-140

Radionuclide Production Cross Section



56-Ba-133g
56-Ba-133m2

14

Incident Energy (MeV)

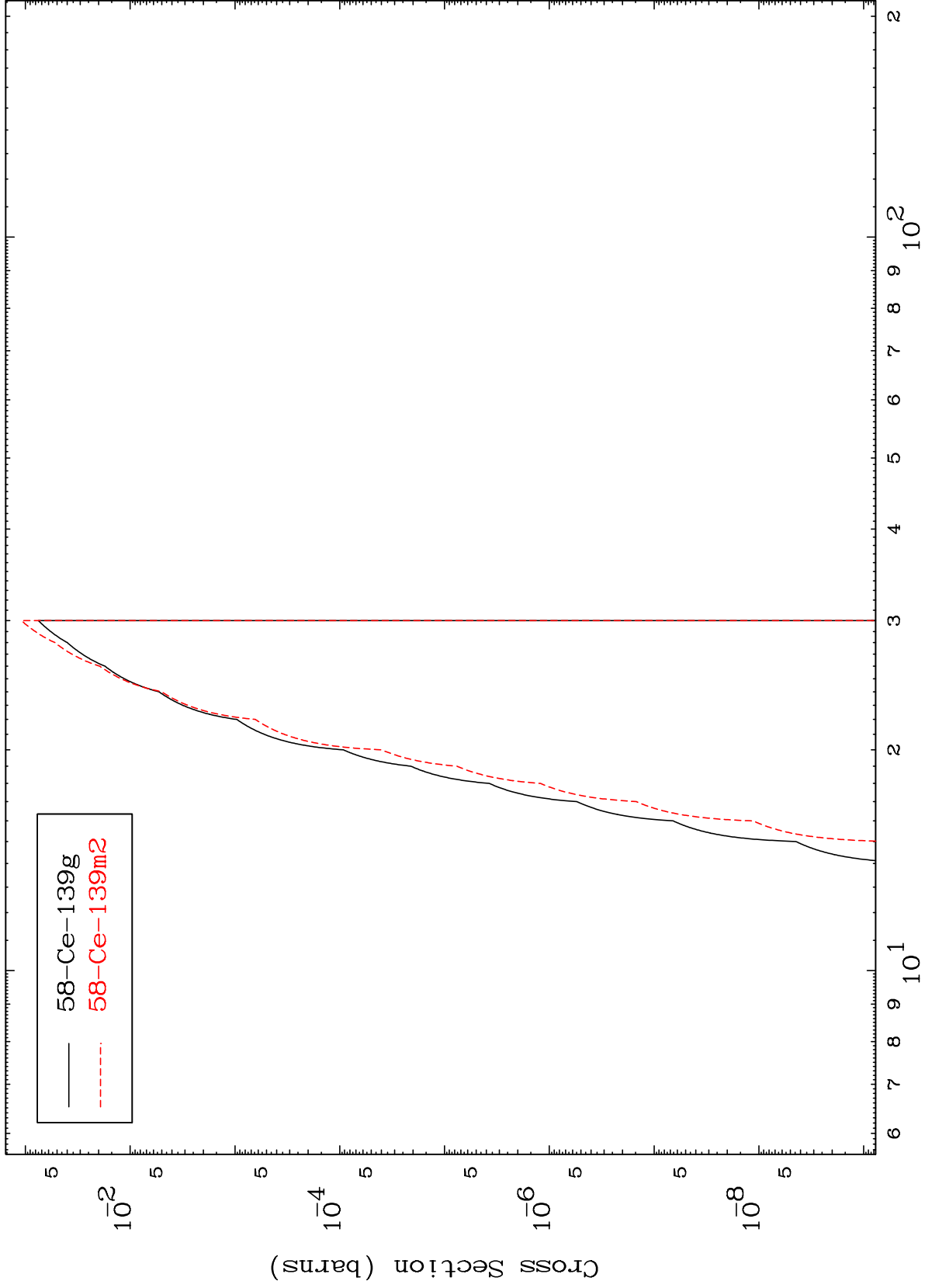
59-Pr-140

MAT 5922

(t,n') He-3

59-Pr-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

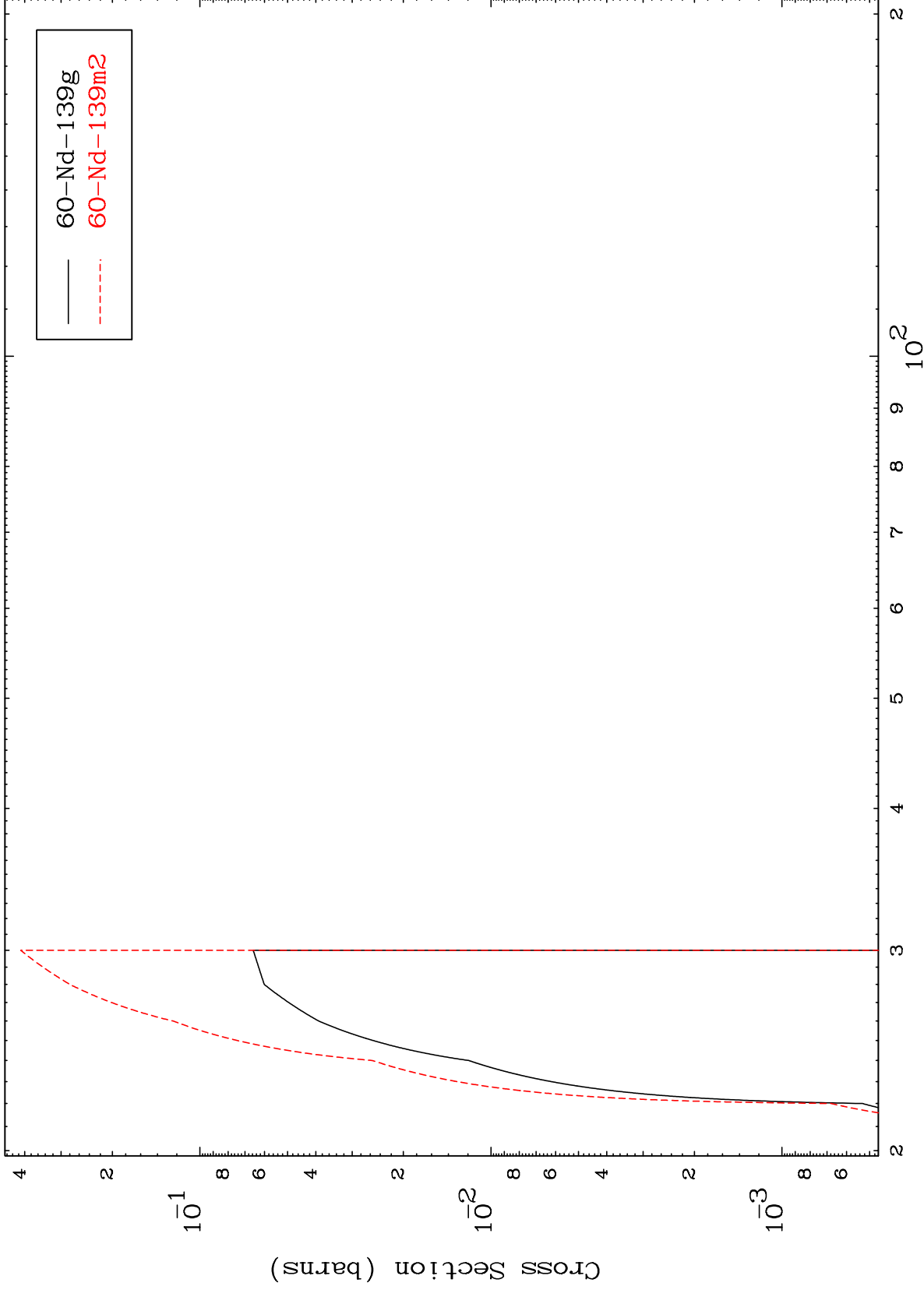
59-Pr-140

MAT 5922

(t,4n)

59-Pr-140

Radionuclide Production Cross Section



16

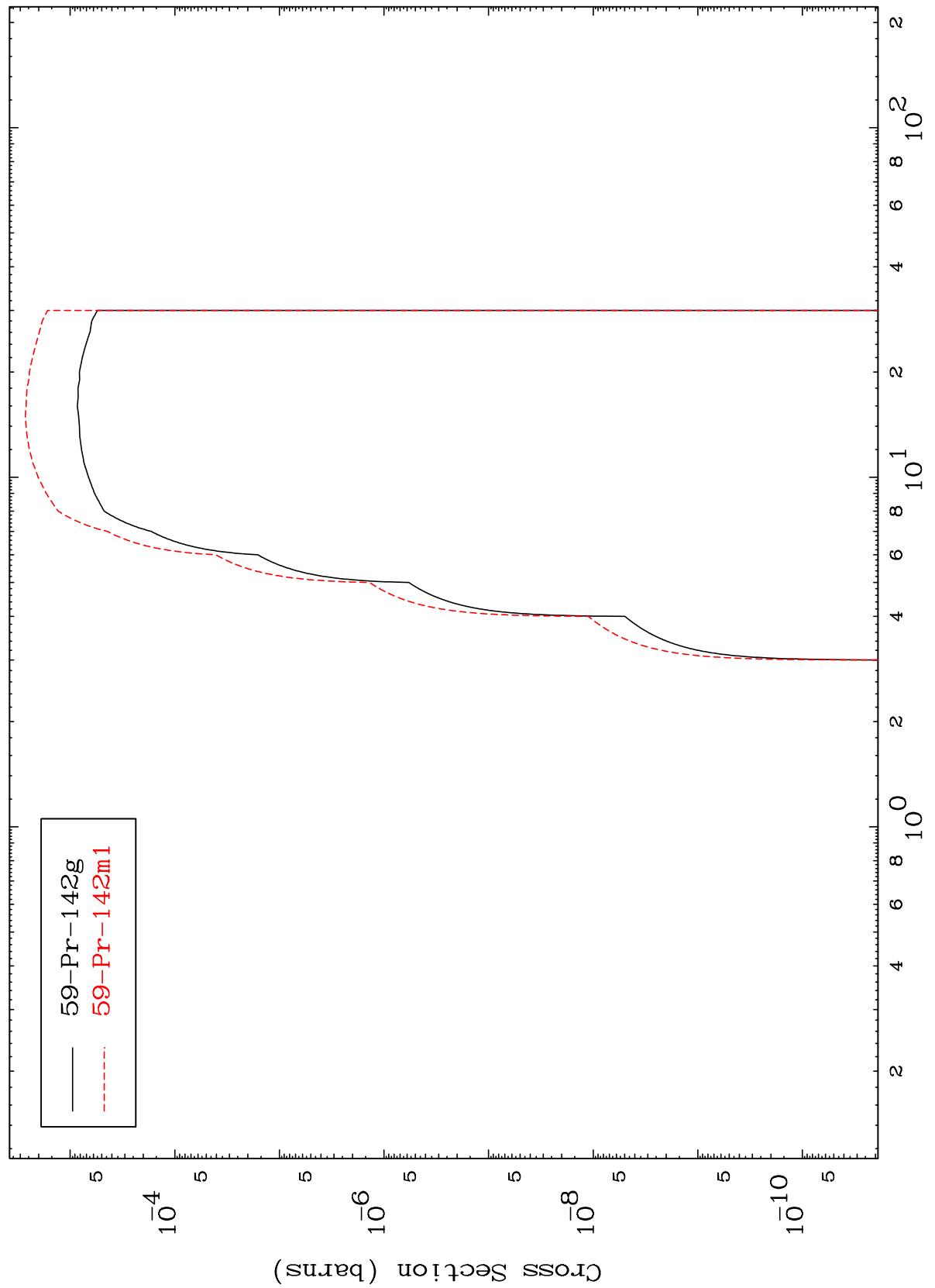
Incident Energy (MeV)

59-Pr-140

MAT 5922

59-Pr-140

(t,p)
Radionuclide Production Cross Section



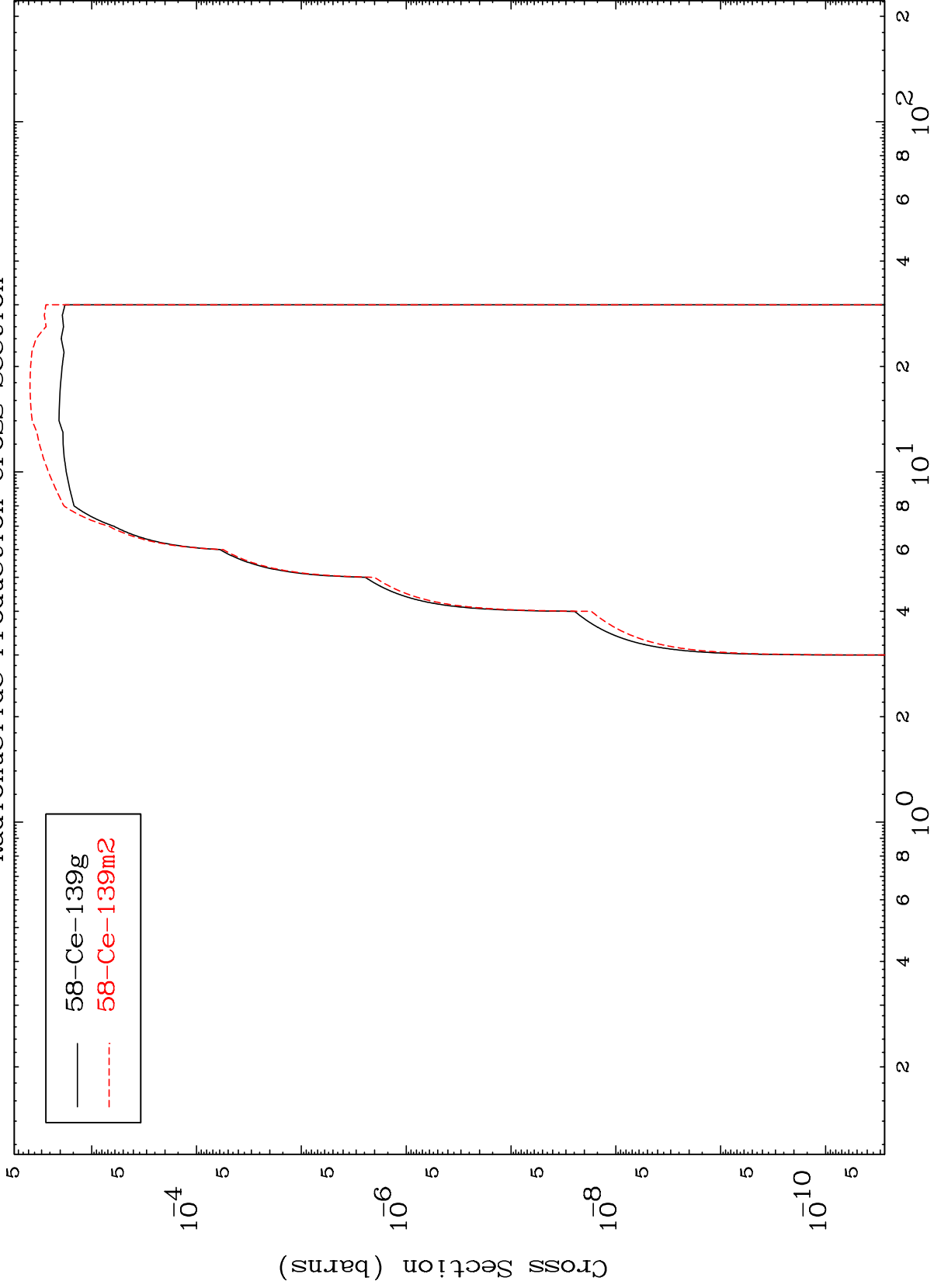
59-Pr-140

Incident Energy (MeV)

MAT 5922

59-Pr-140

(t, α)
Radionuclide Production Cross Section



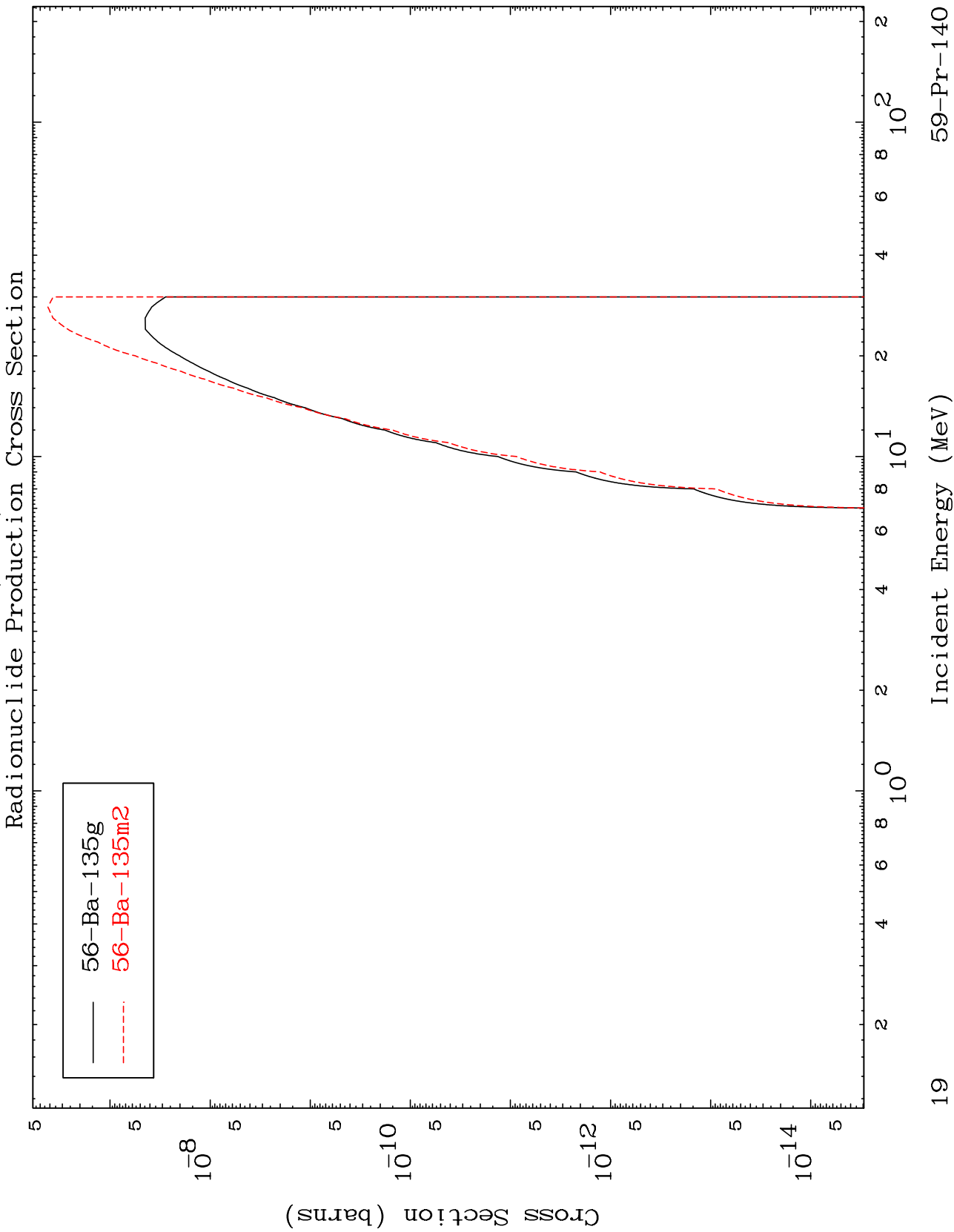
59-Pr-140

Incident Energy (MeV)

18

MAT 5922

59-Pr-140

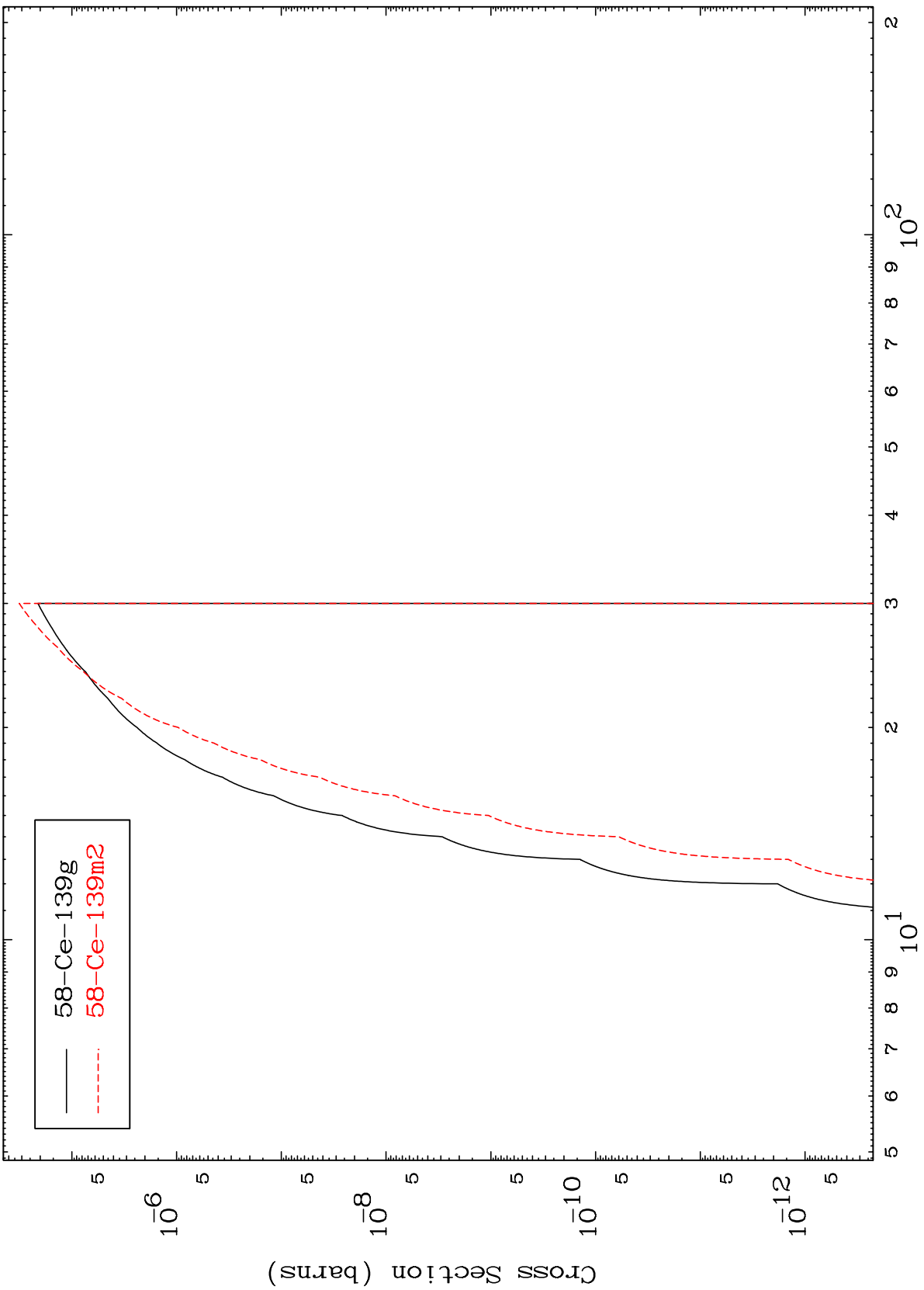


MAT 5922

(t,p) t

59-Pr-140

Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-140