

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

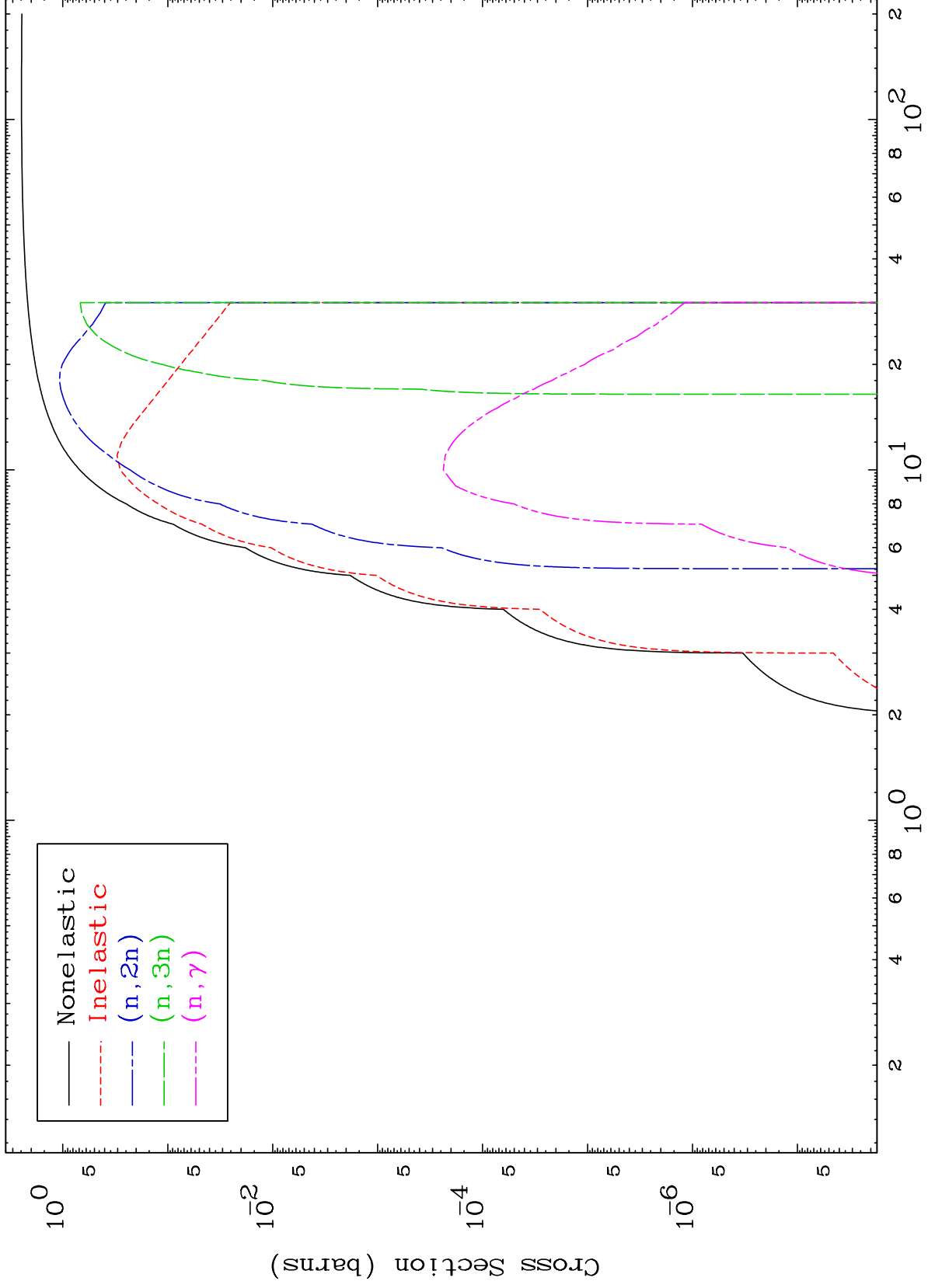
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

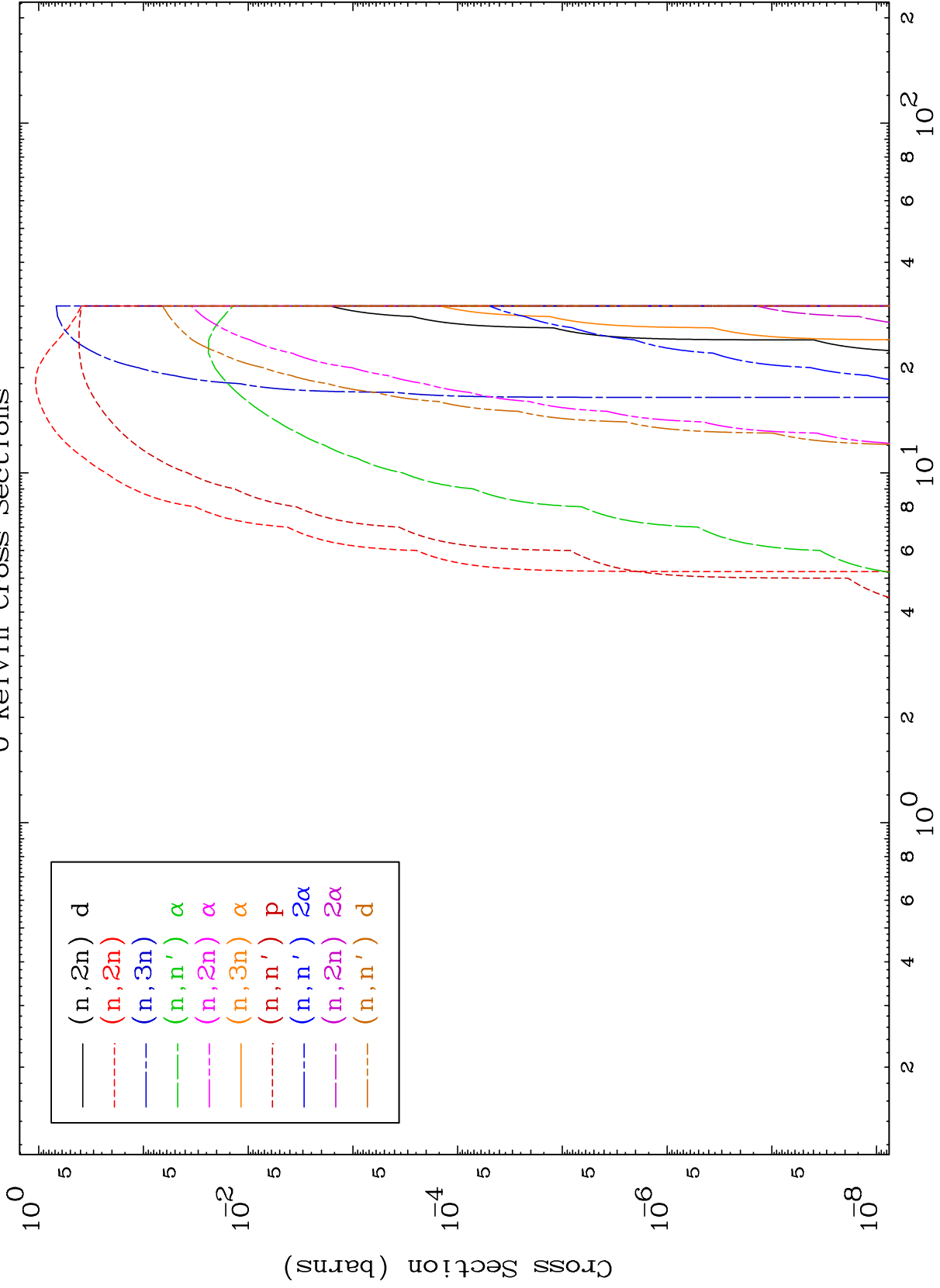
Tele: 925-443-1911

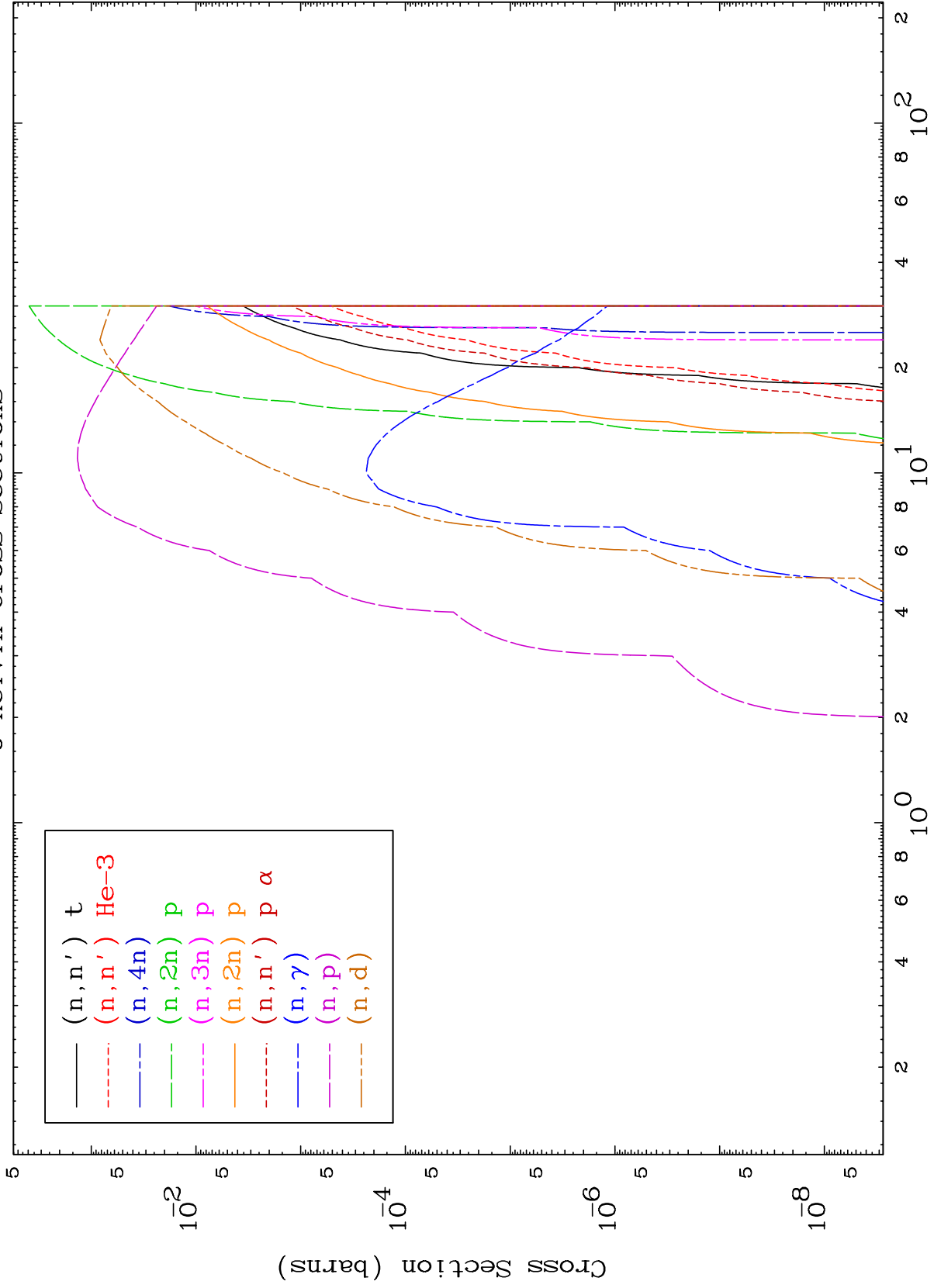
E.Mail:redcullen1@comcast.net

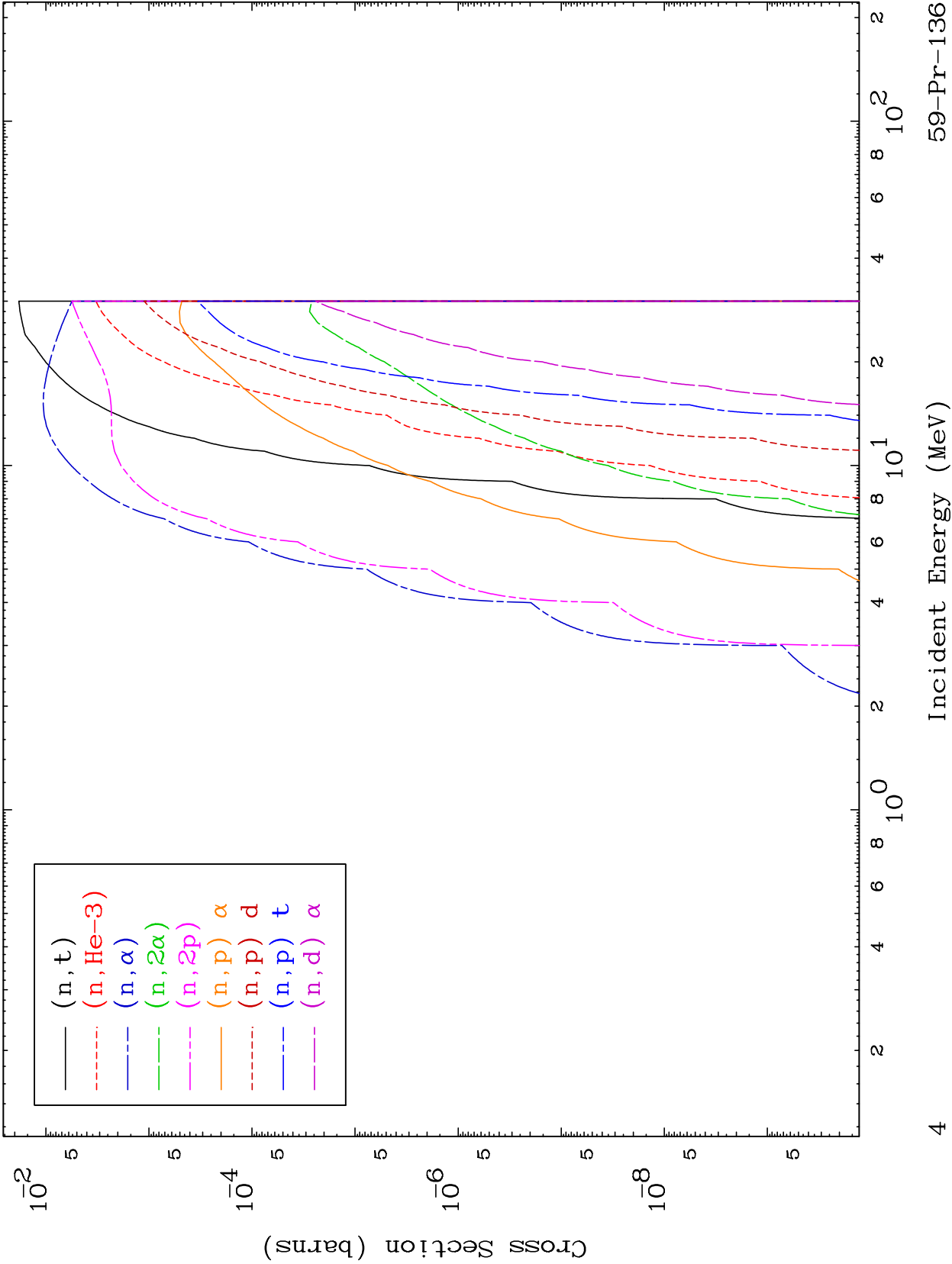
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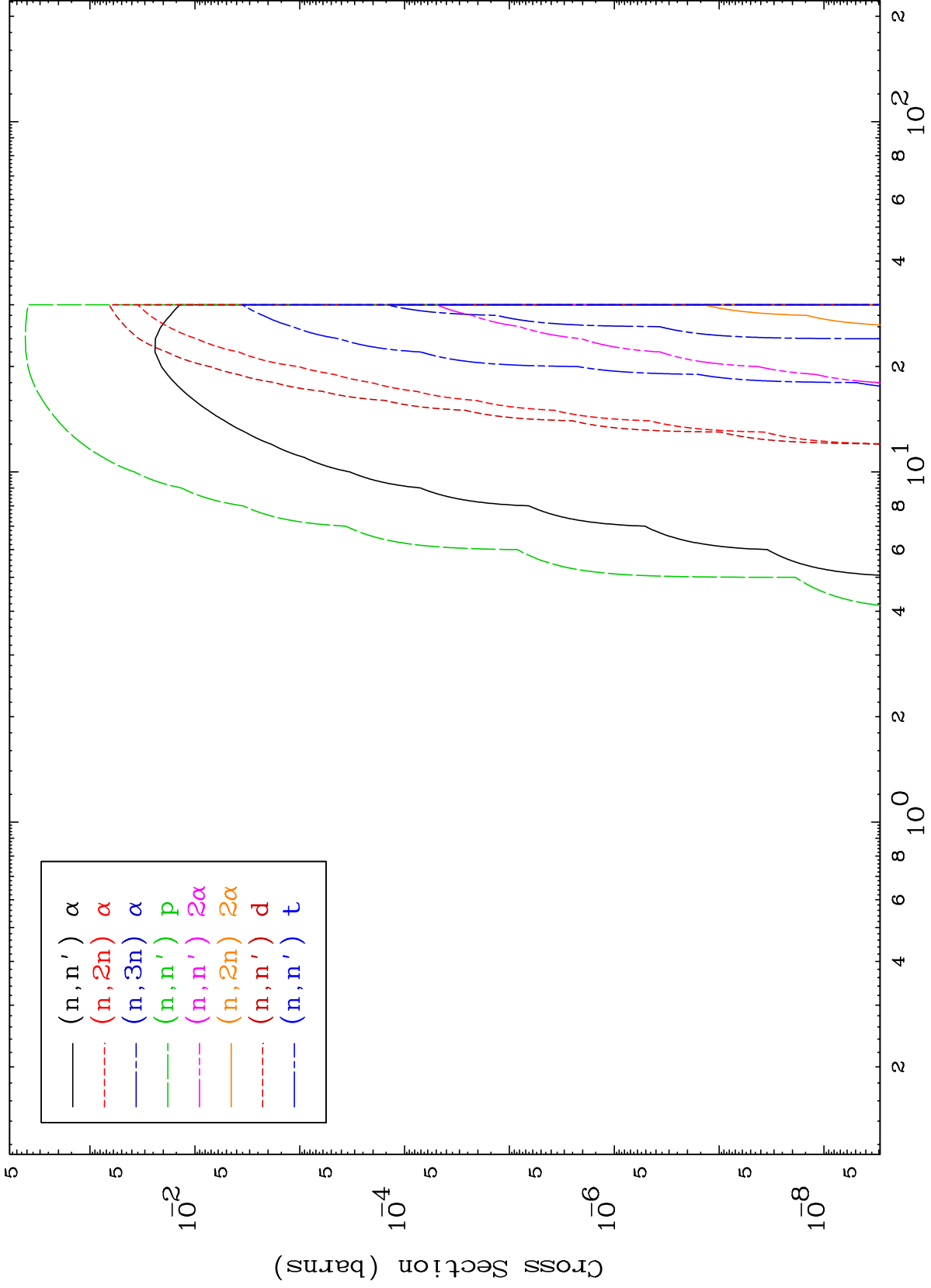
Press Mouse Button to Start

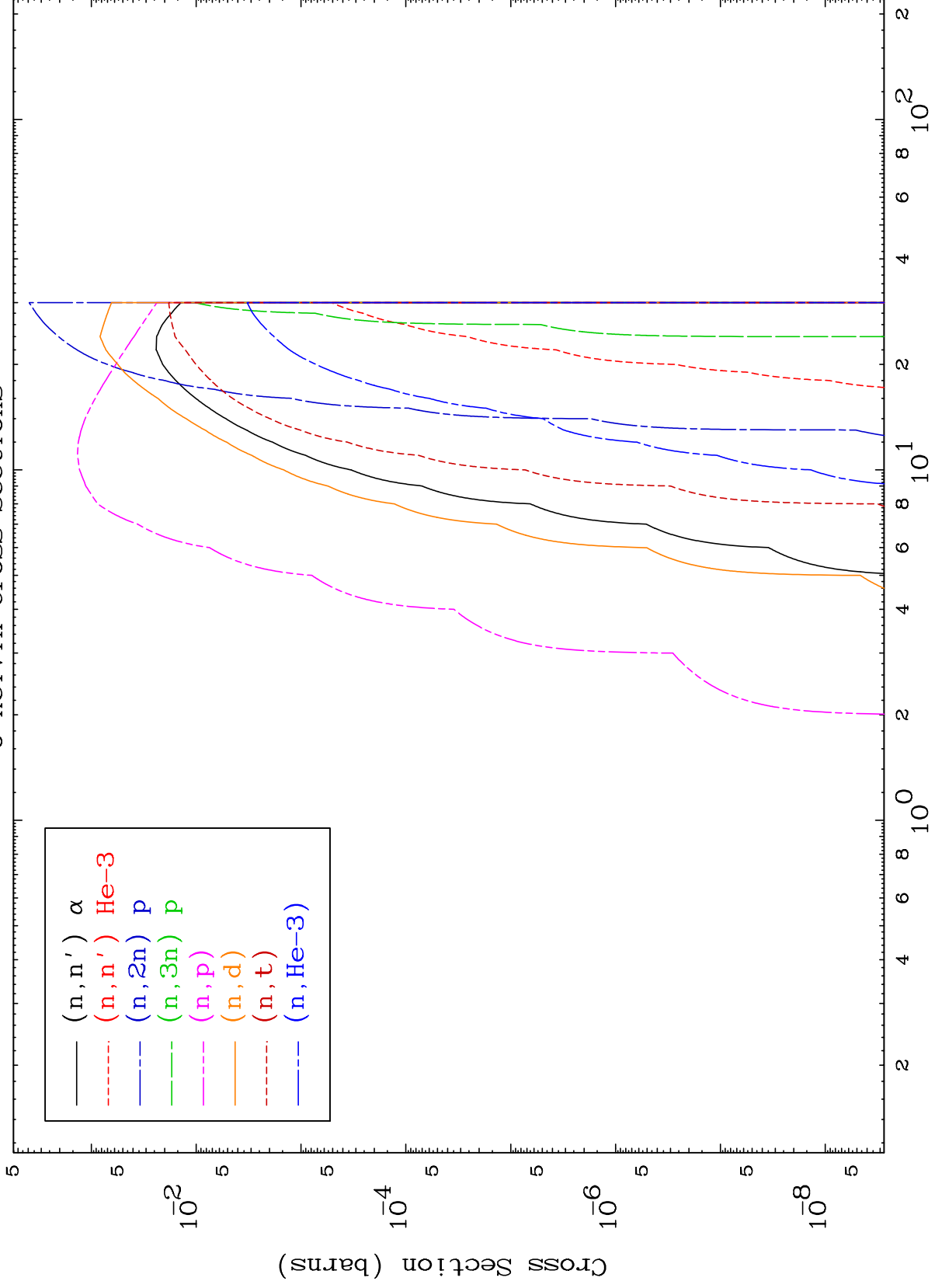


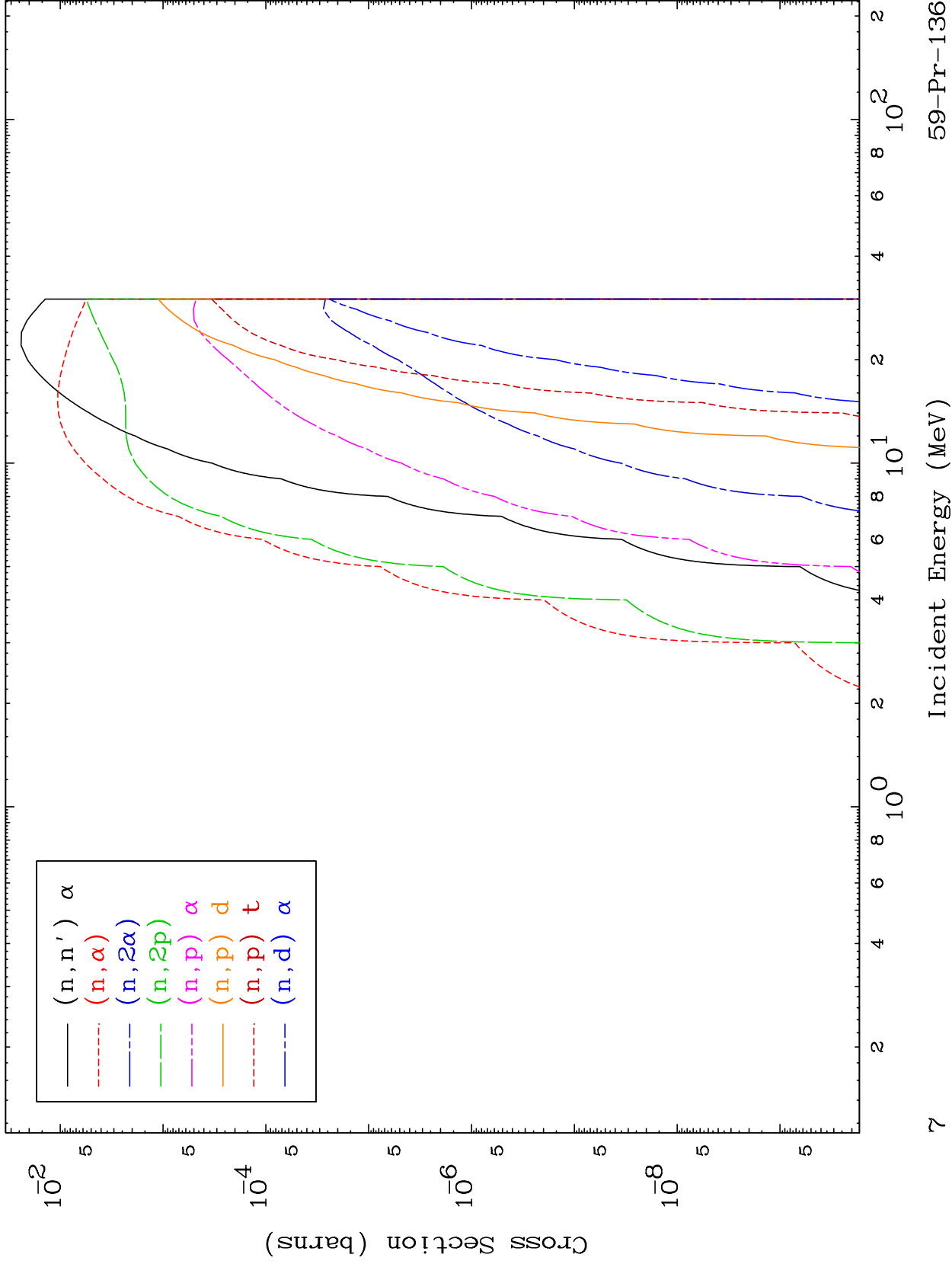










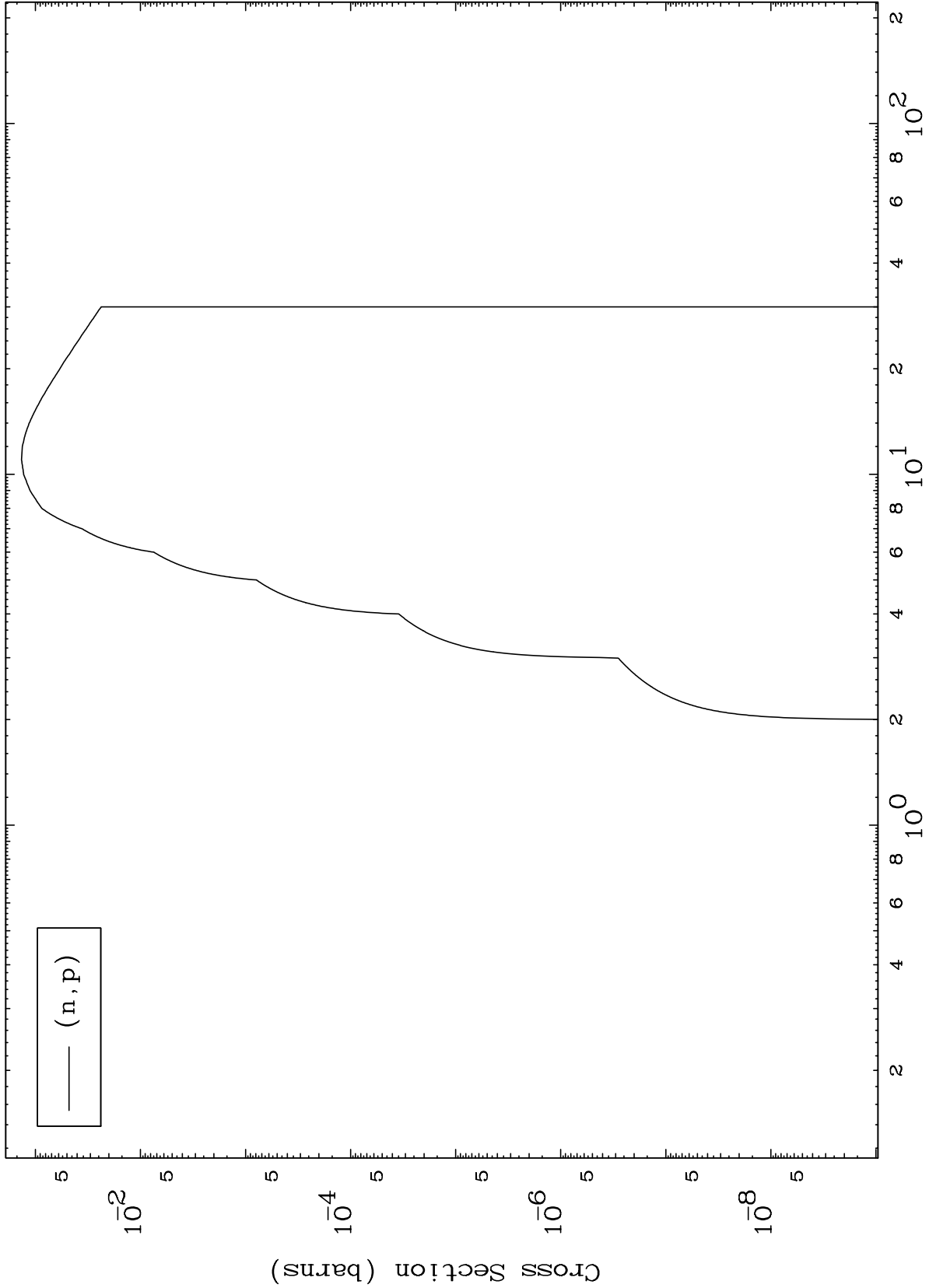


MAT 5910

(d,p) Levels

59-Pr-136

0 Kelvin Cross Sections

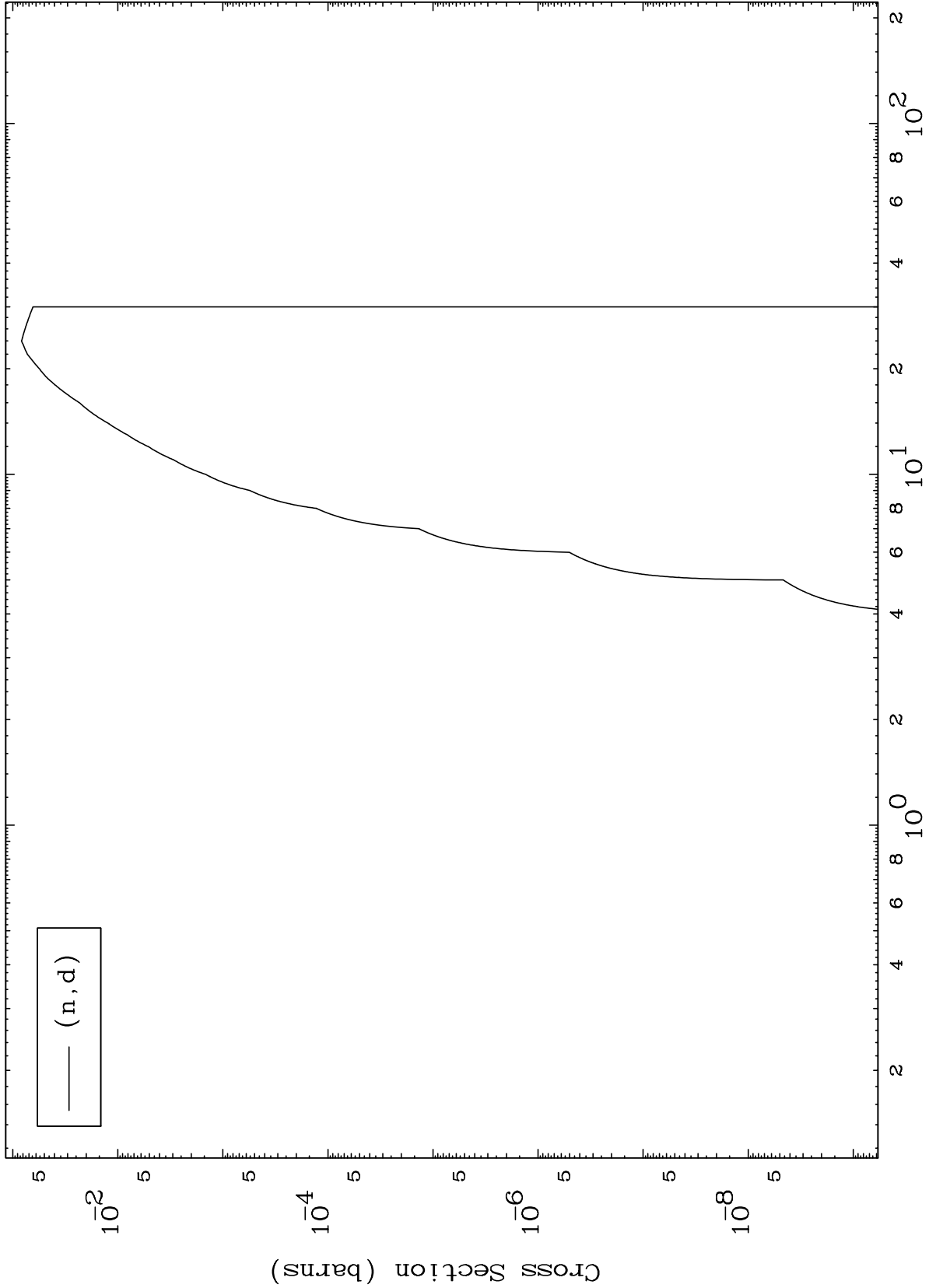


MAT 5910

(d,d) Levels

59-Pr-136

0 Kelvin Cross Sections



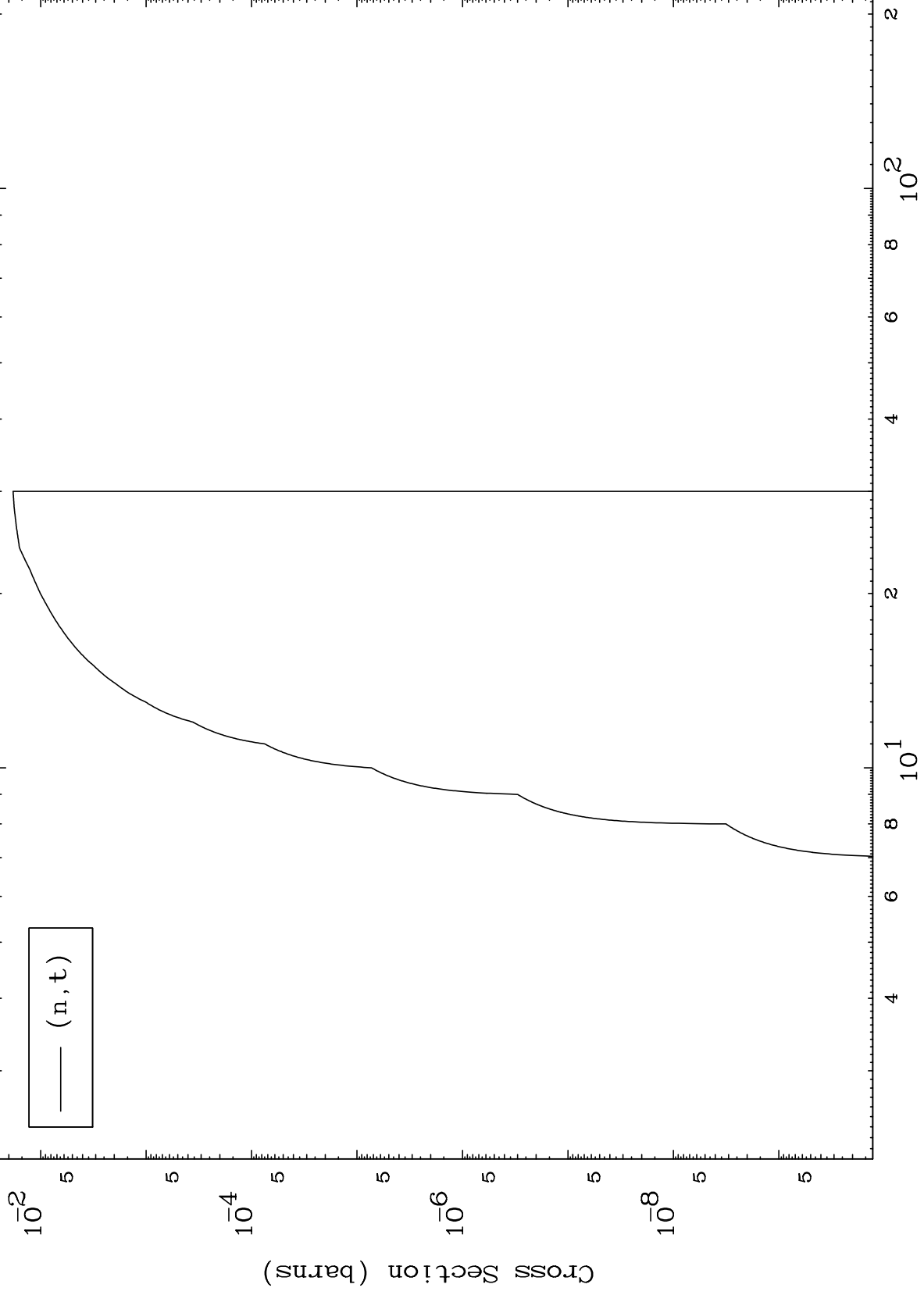
(n,d)

MAT 5910

(d,t) Levels

59-Pr-136

0 Kelvin Cross Sections



10

Incident Energy (MeV)

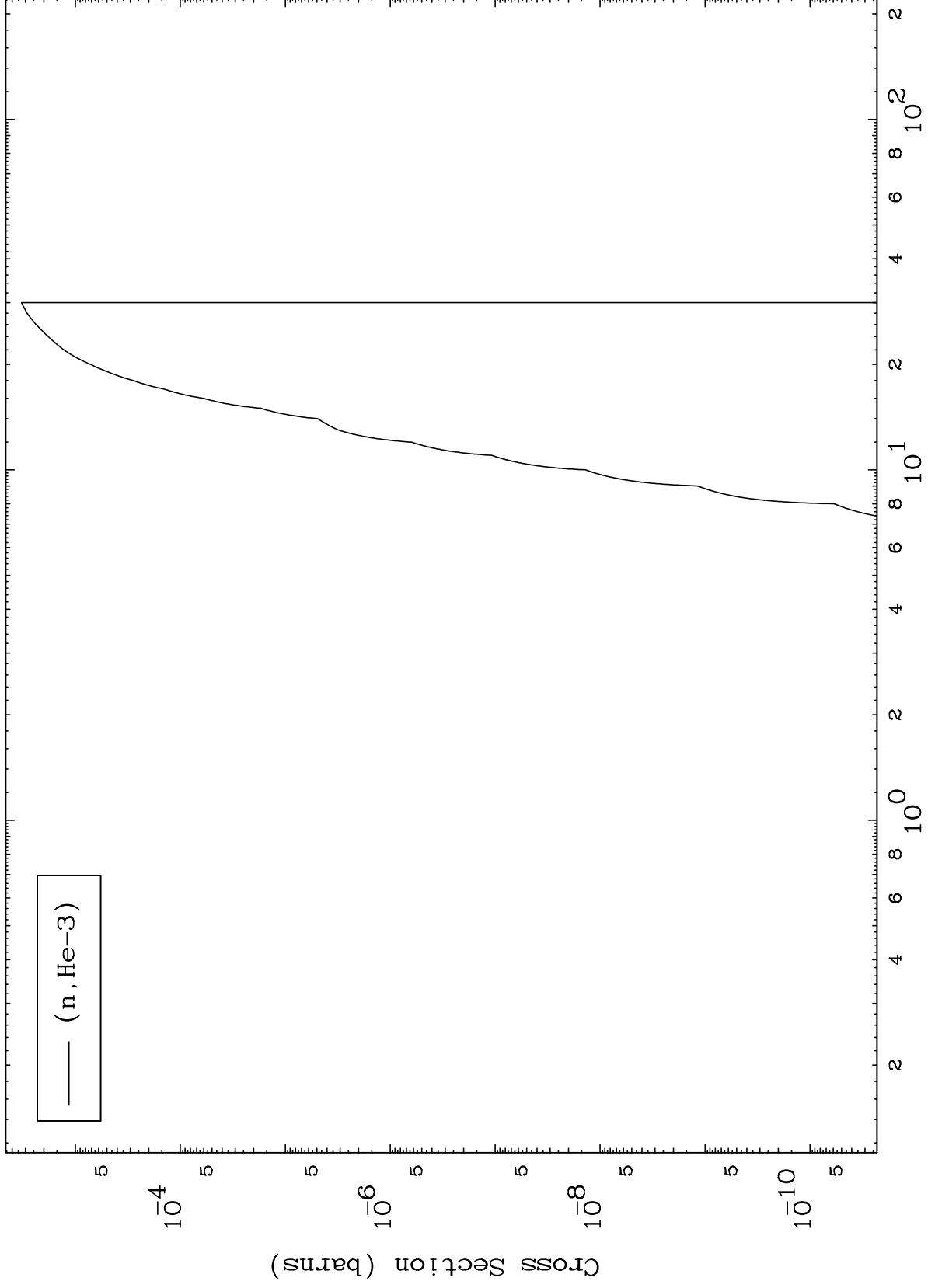
59-Pr-136

MAT 5910

(d,He3) Levels

59-Pr-136

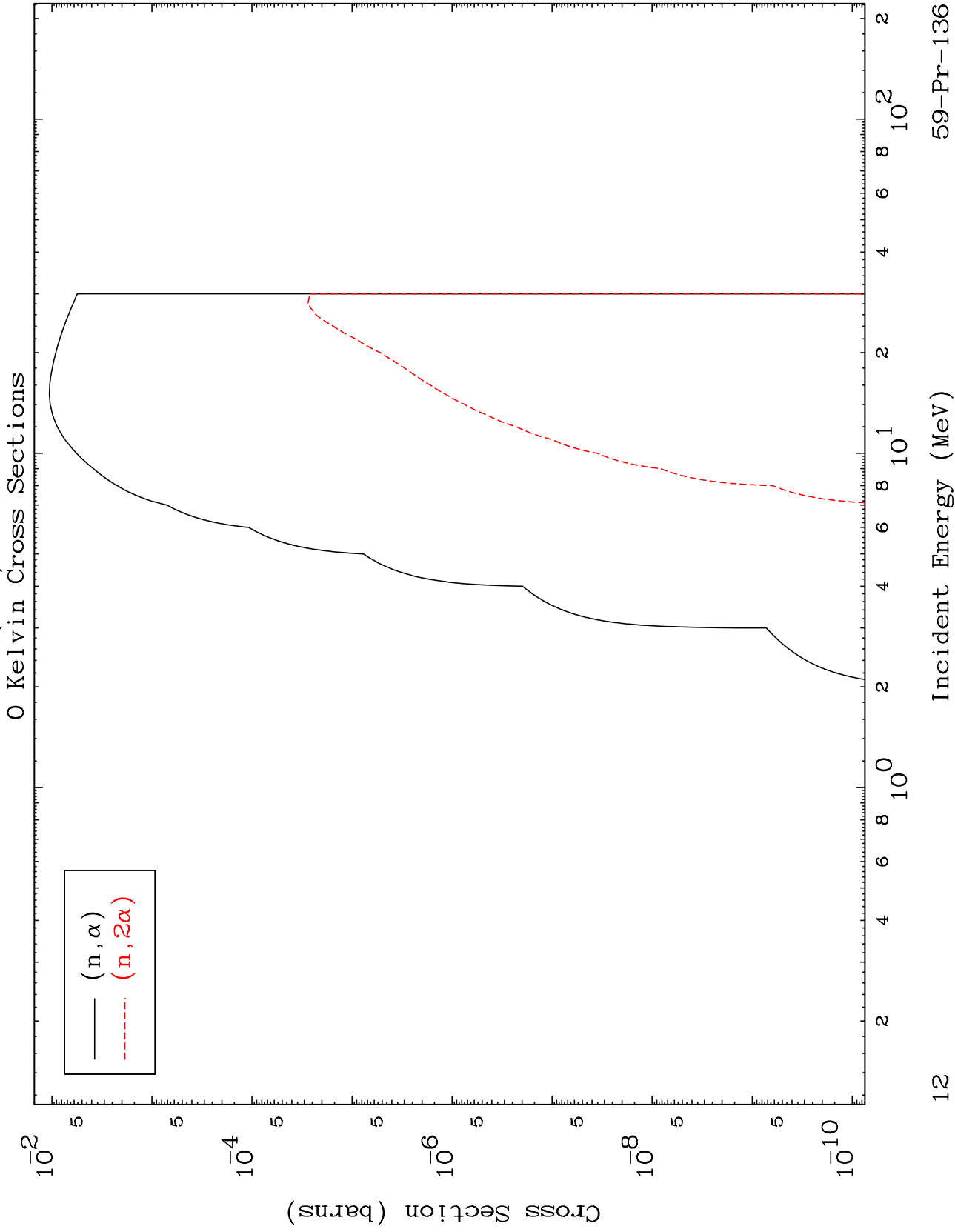
0 Kelvin Cross Sections



MAT 5910

(d, α) Levels

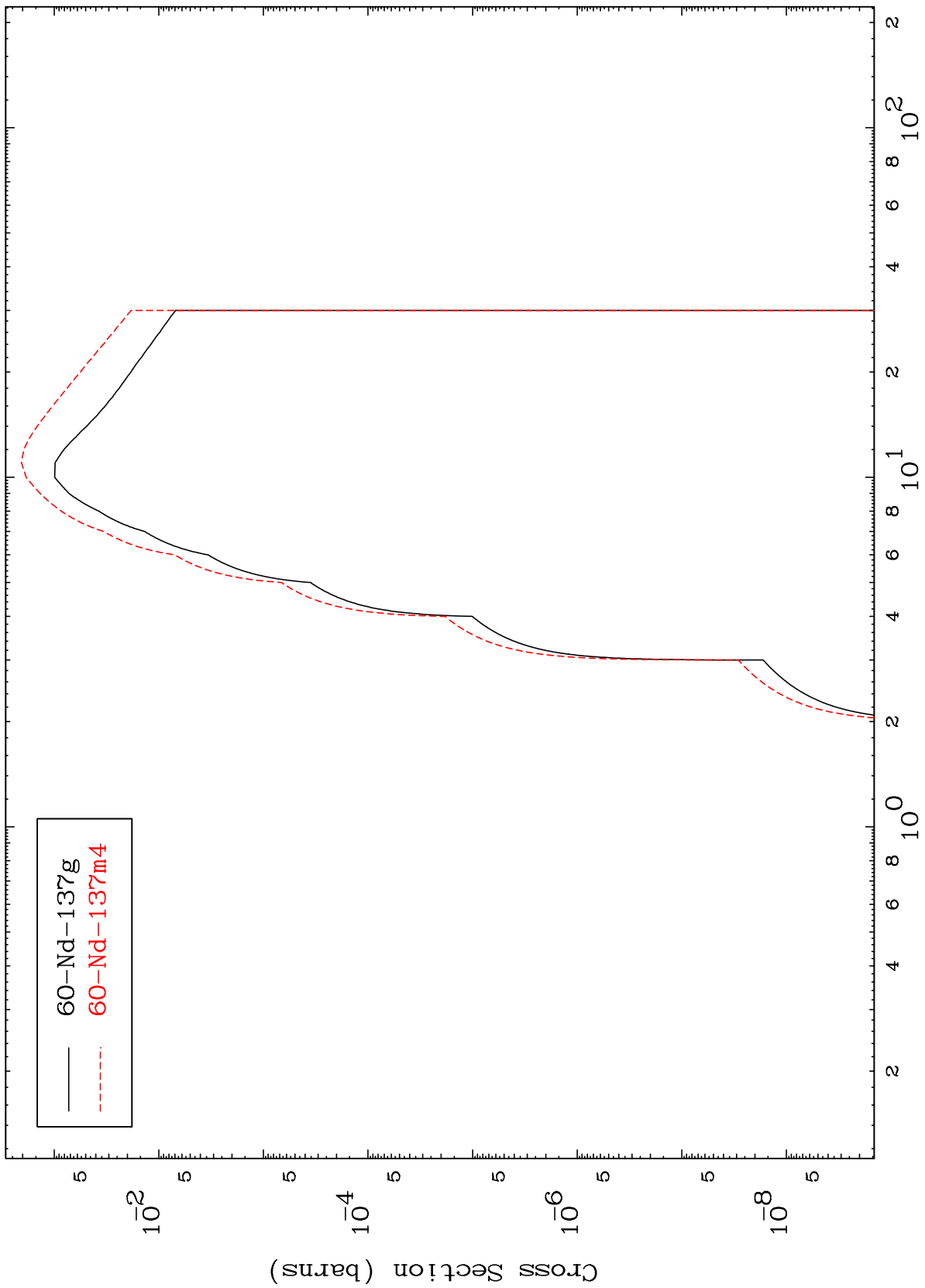
59-Pr-136



MAT 5910

59-Pr-136

Inelastic
Radionuclide Production Cross Section



59-Pr-136

Incident Energy (MeV)

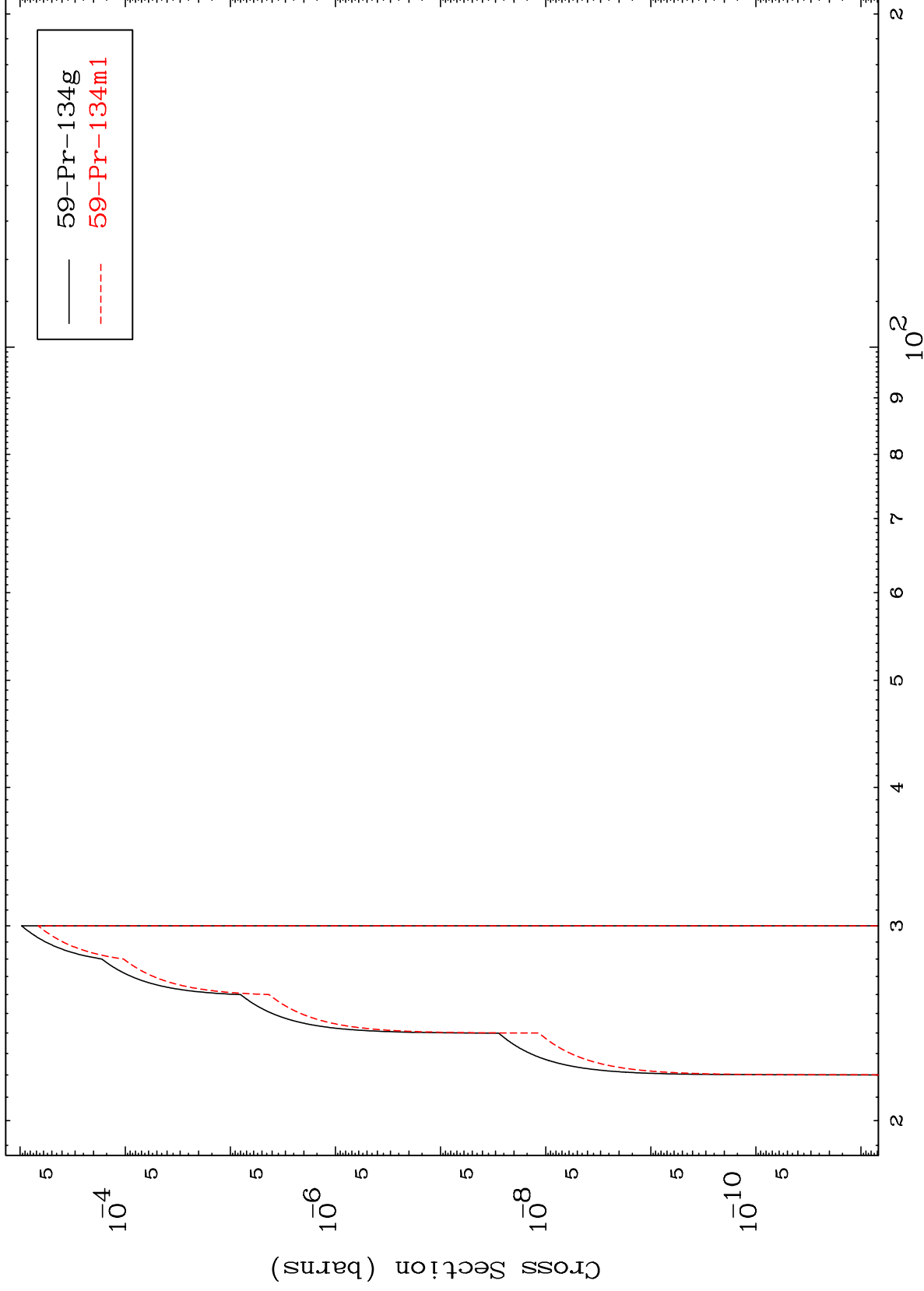
13

MAT 5910

(n,2n) d

59-Pr-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

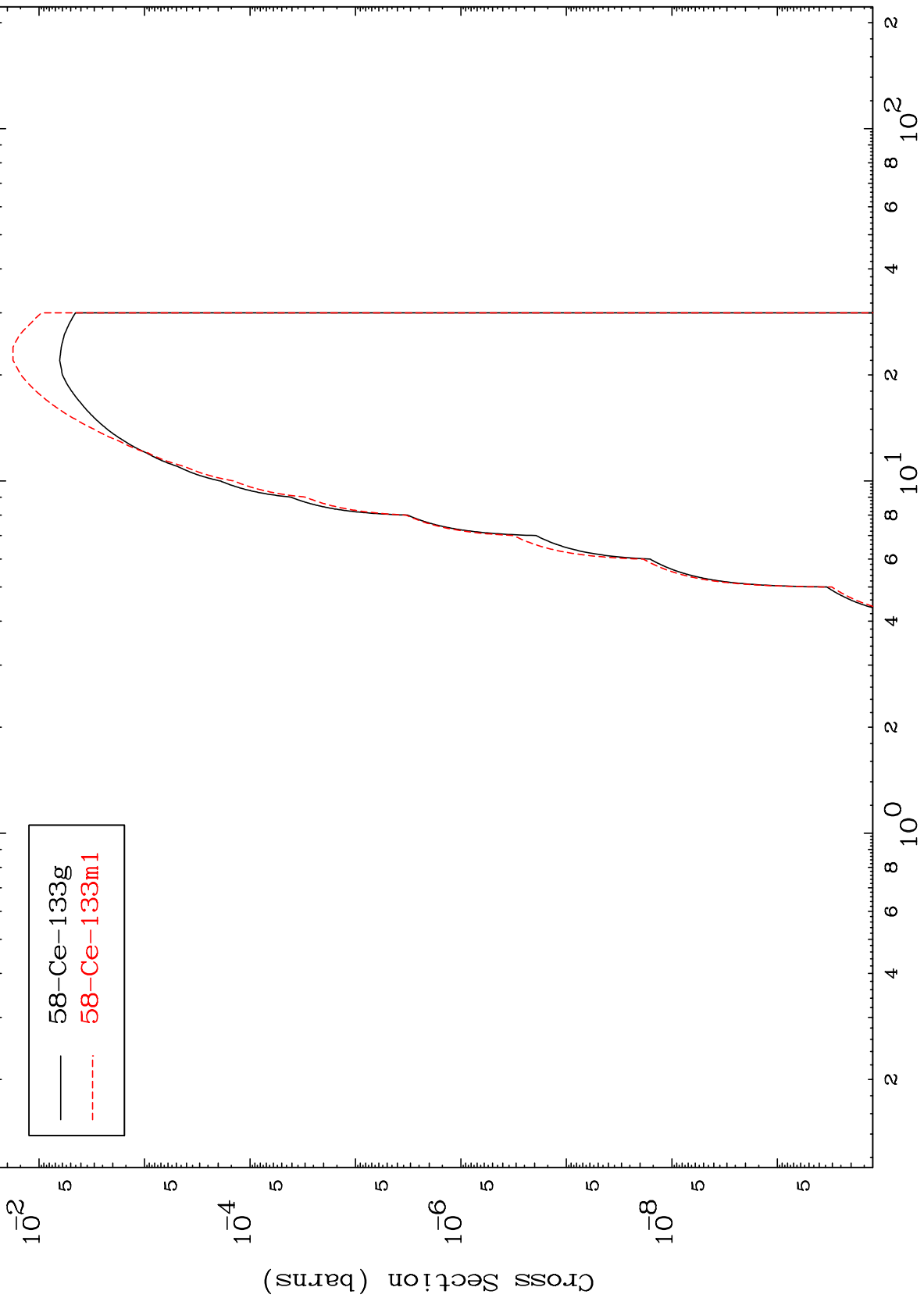
59-Pr-136

MAT 5910

(n,n') α

59-Pr-136

Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

15

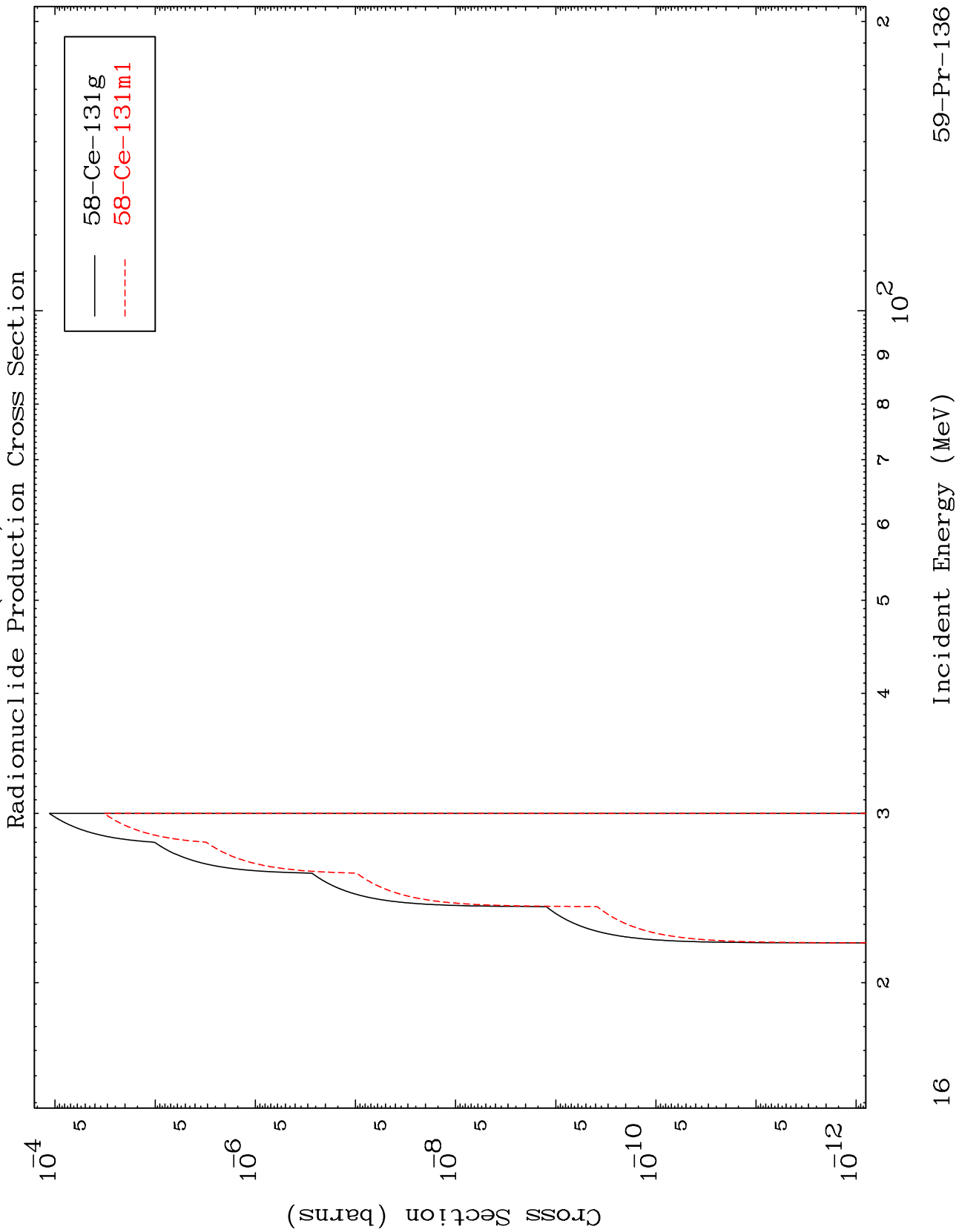
Incident Energy (MeV)

59-Pr-136

MAT 5910

(n,3n) α

59-Pr-136



16

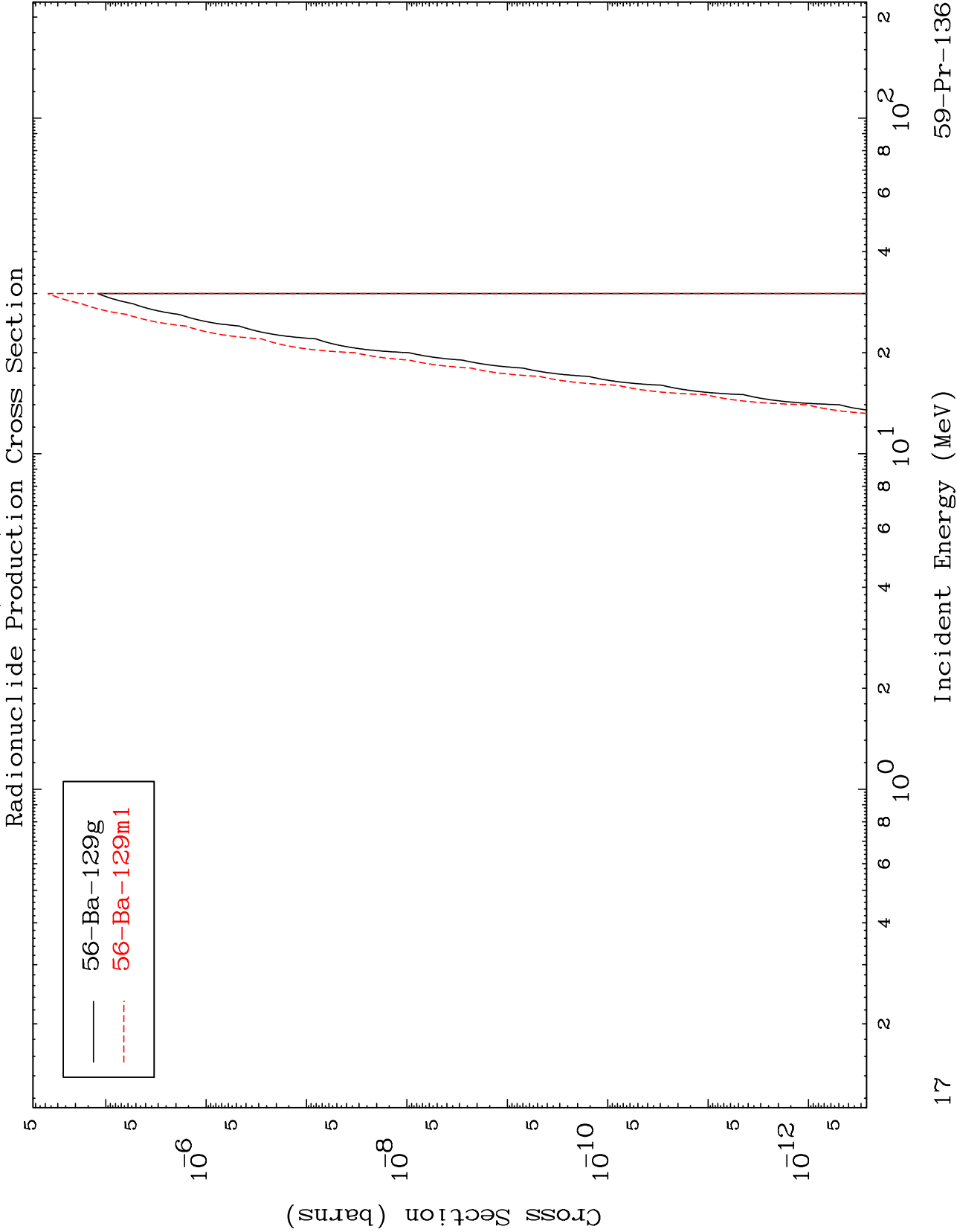
Incident Energy (MeV)

59-Pr-136

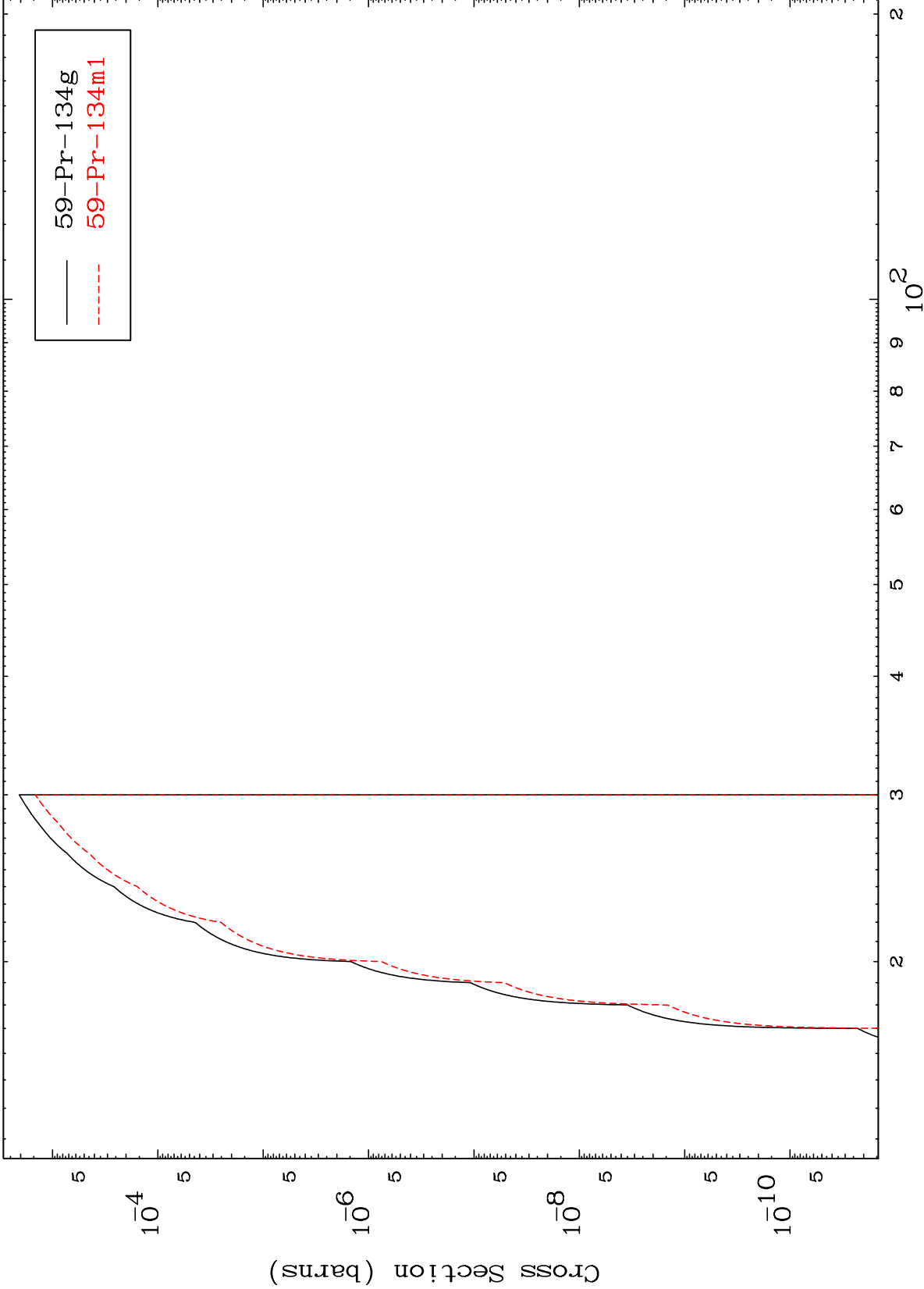
MAT 5910

(n,n') 2α

59-Pr-136

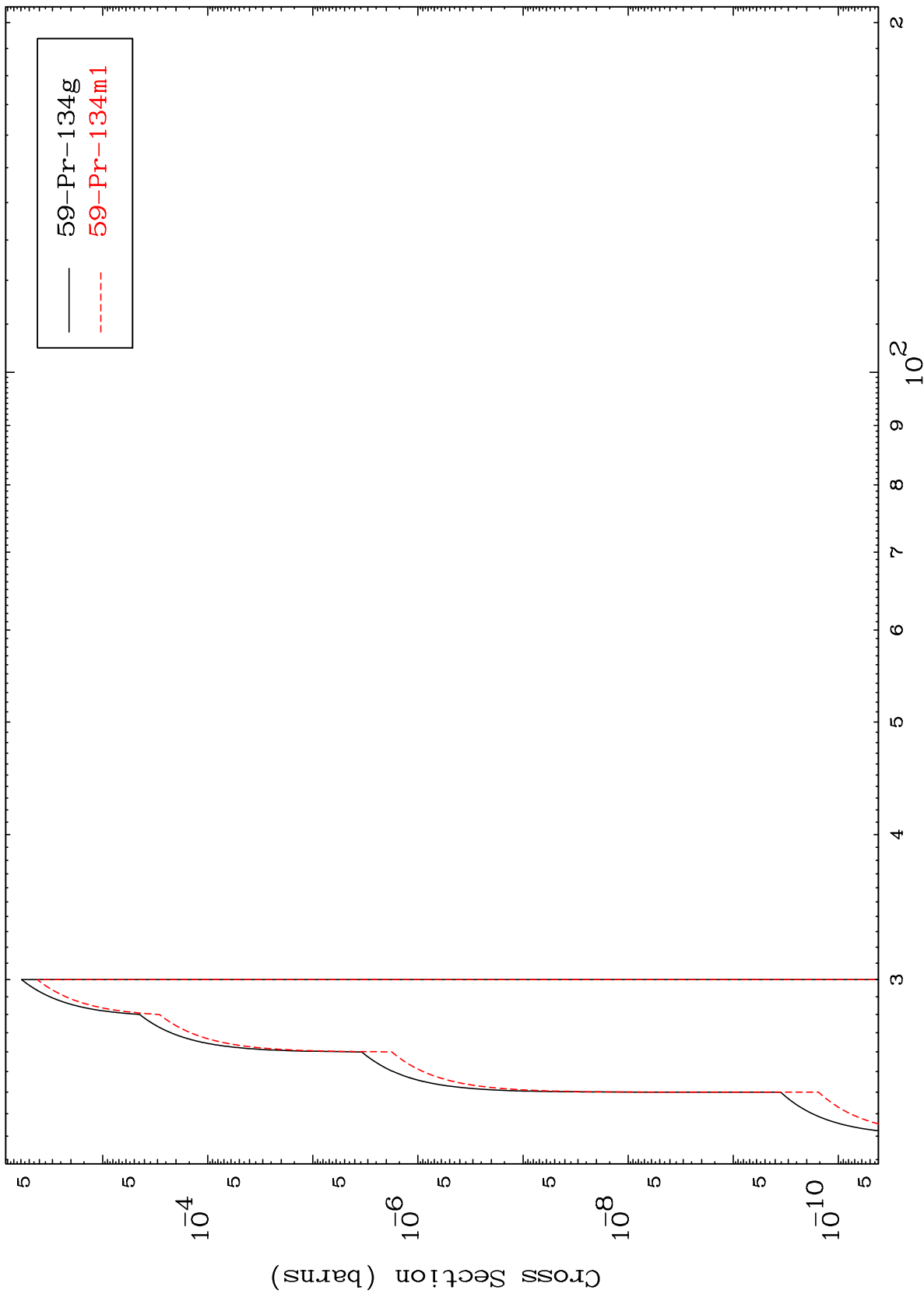


Radionuclide Production Cross Section



59-Pr-134g
59-Pr-134m1

(n,3n) p
Radionuclide Production Cross Section

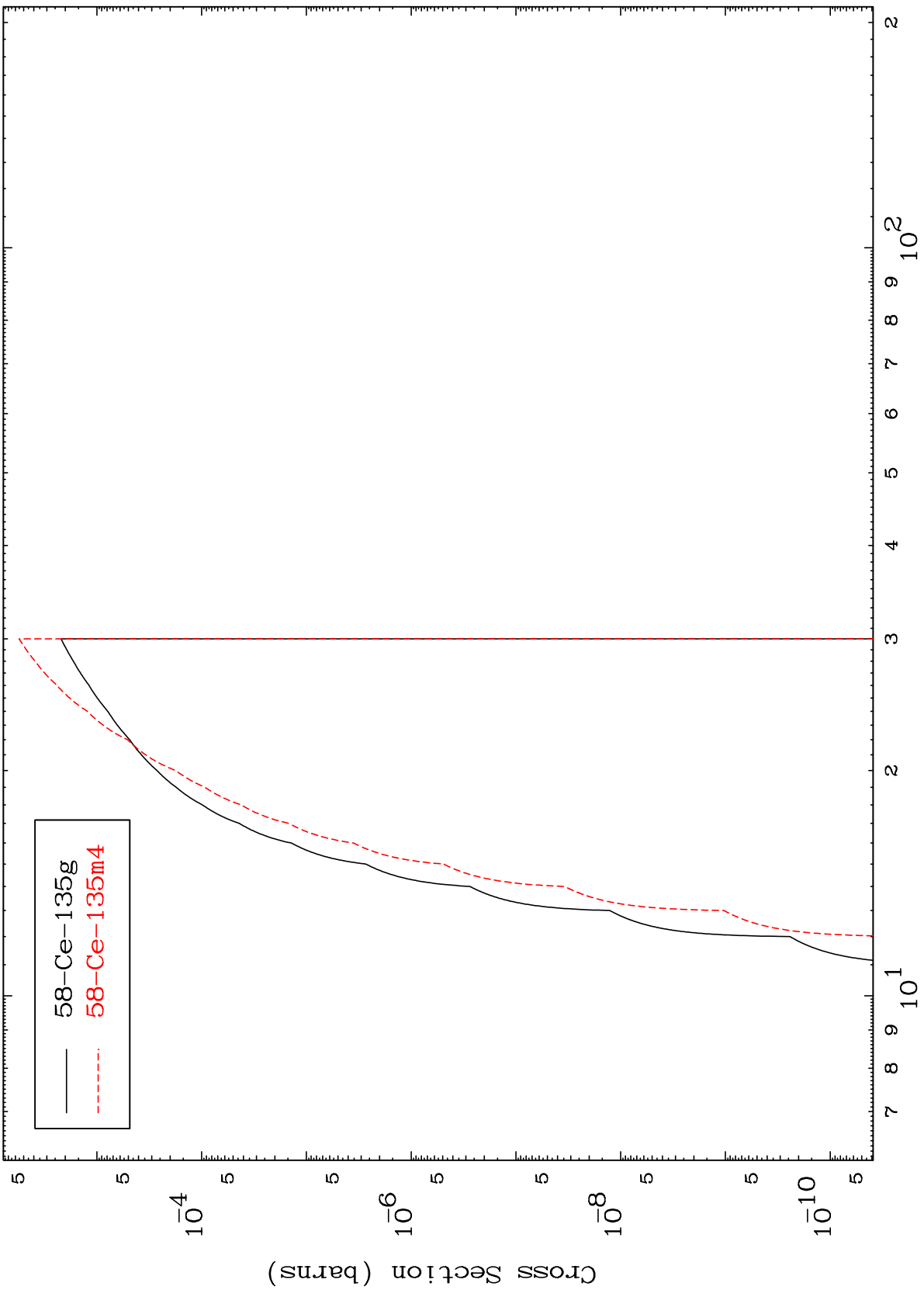


MAT 5910

(n,2n) p

59-Pr-136

Radionuclide Production Cross Section



58-Ce-135g
58-Ce-135m4

20

Incident Energy (MeV)

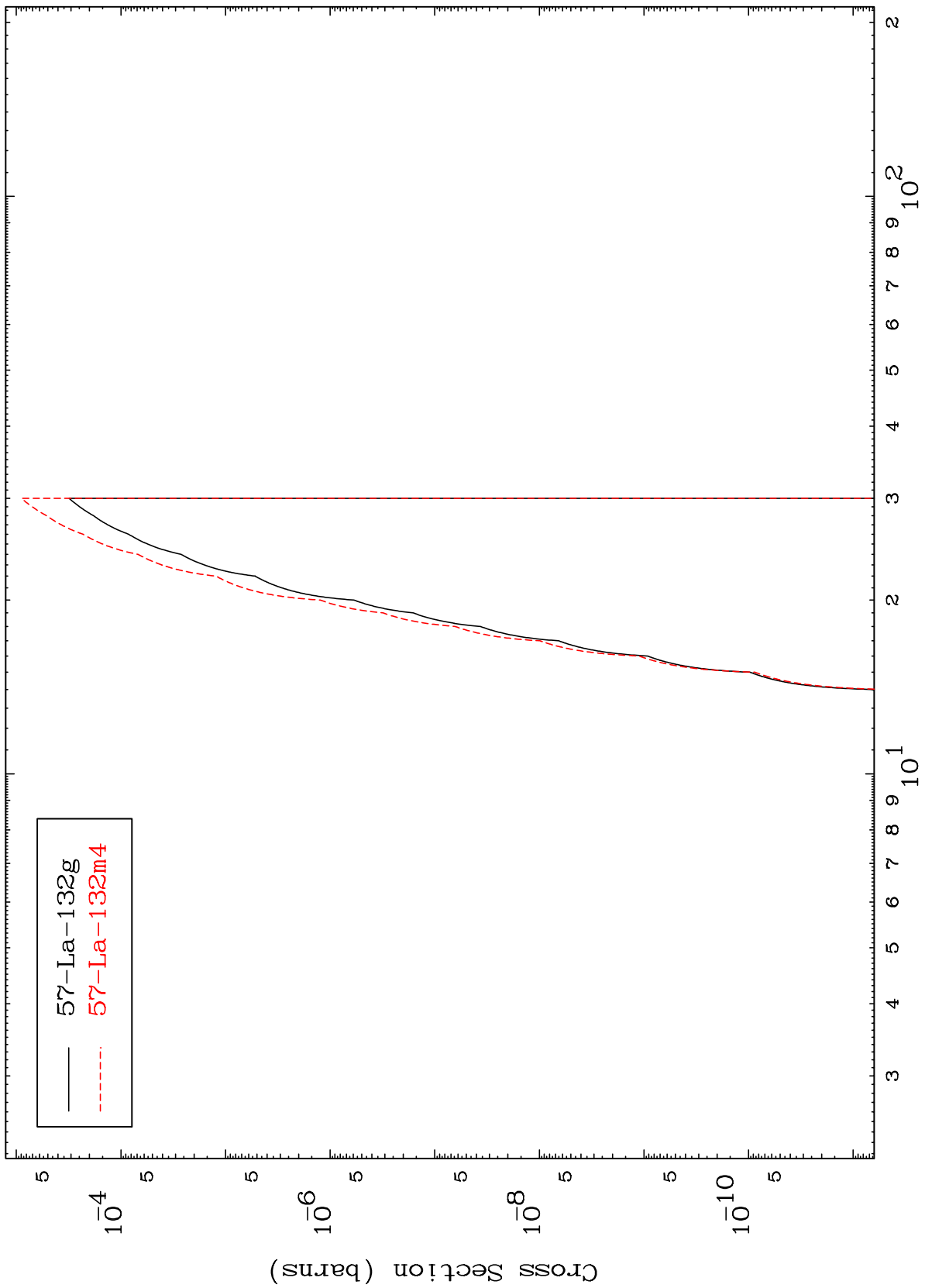
59-Pr-136

MAT 5910

(n,n') p α

59-Pr-136

Radionuclide Production Cross Section

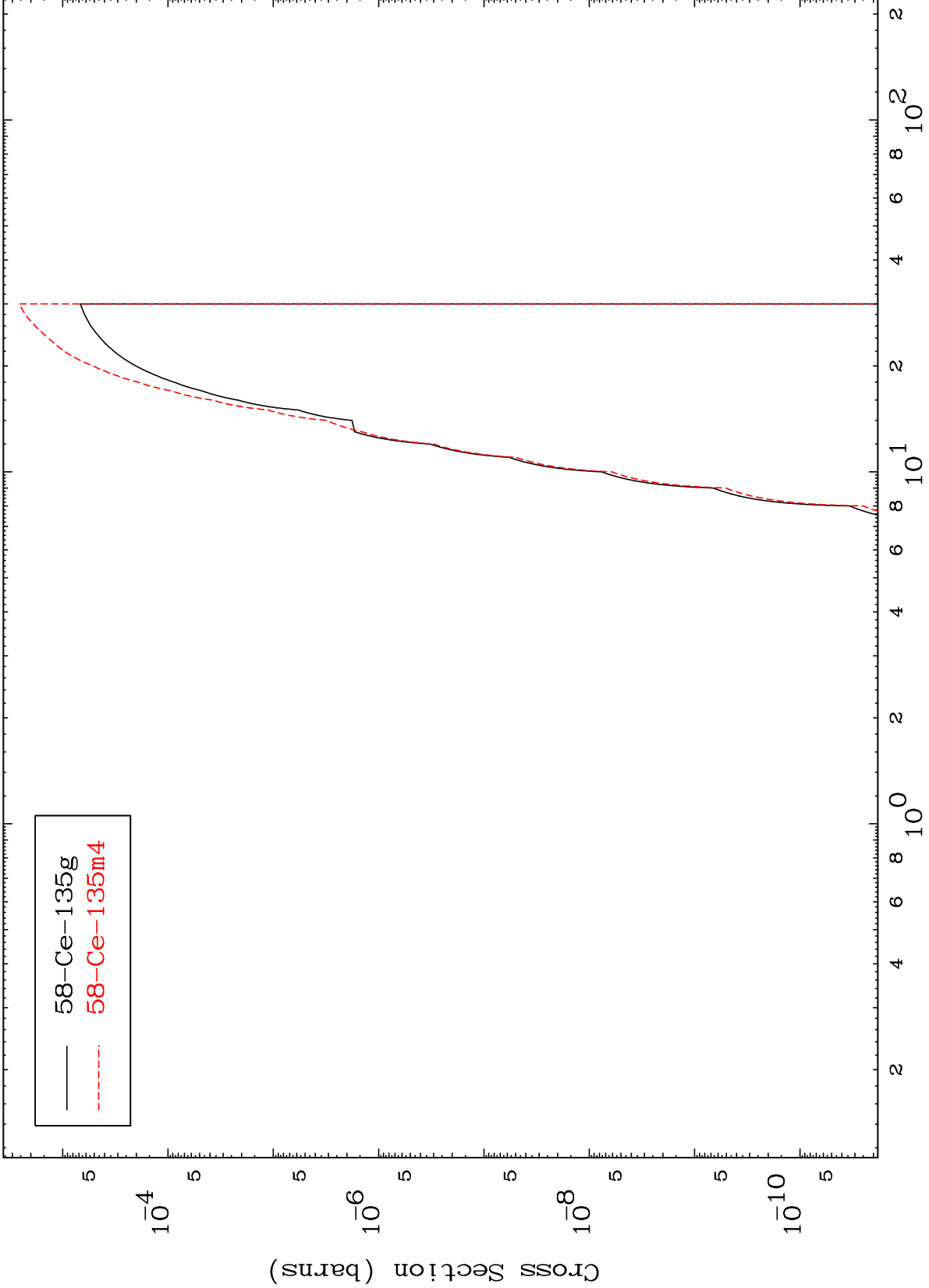


MAT 5910

(n,He-3)

59-Pr-136

Radionuclide Production Cross Section

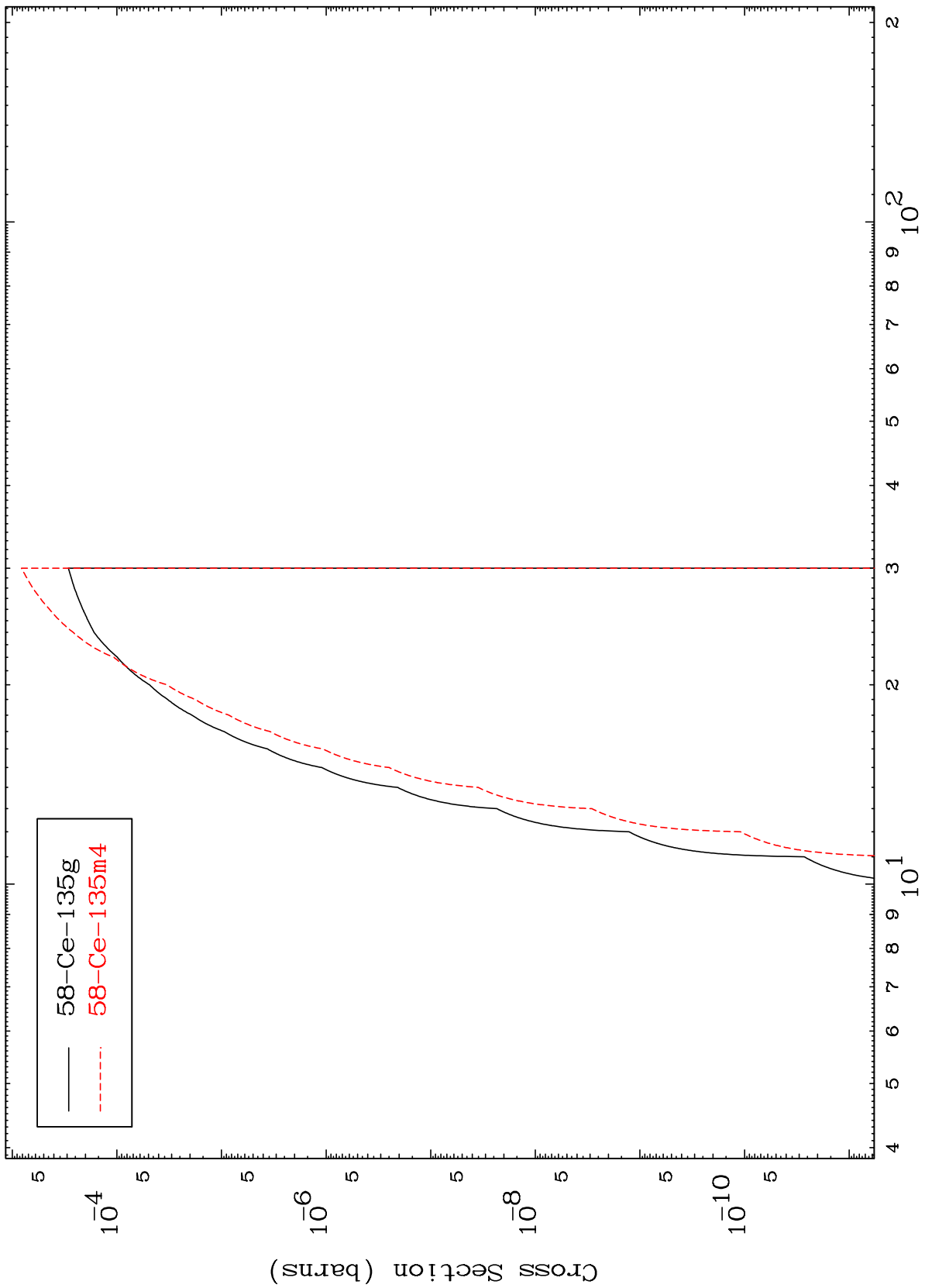


MAT 5910

(n,p) d

59-Pr-136

Radionuclide Production Cross Section



23

Incident Energy (MeV)

59-Pr-136

MAT 5910

(n,d) α

59-Pr-136

Radionuclide Production Cross Section

