

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

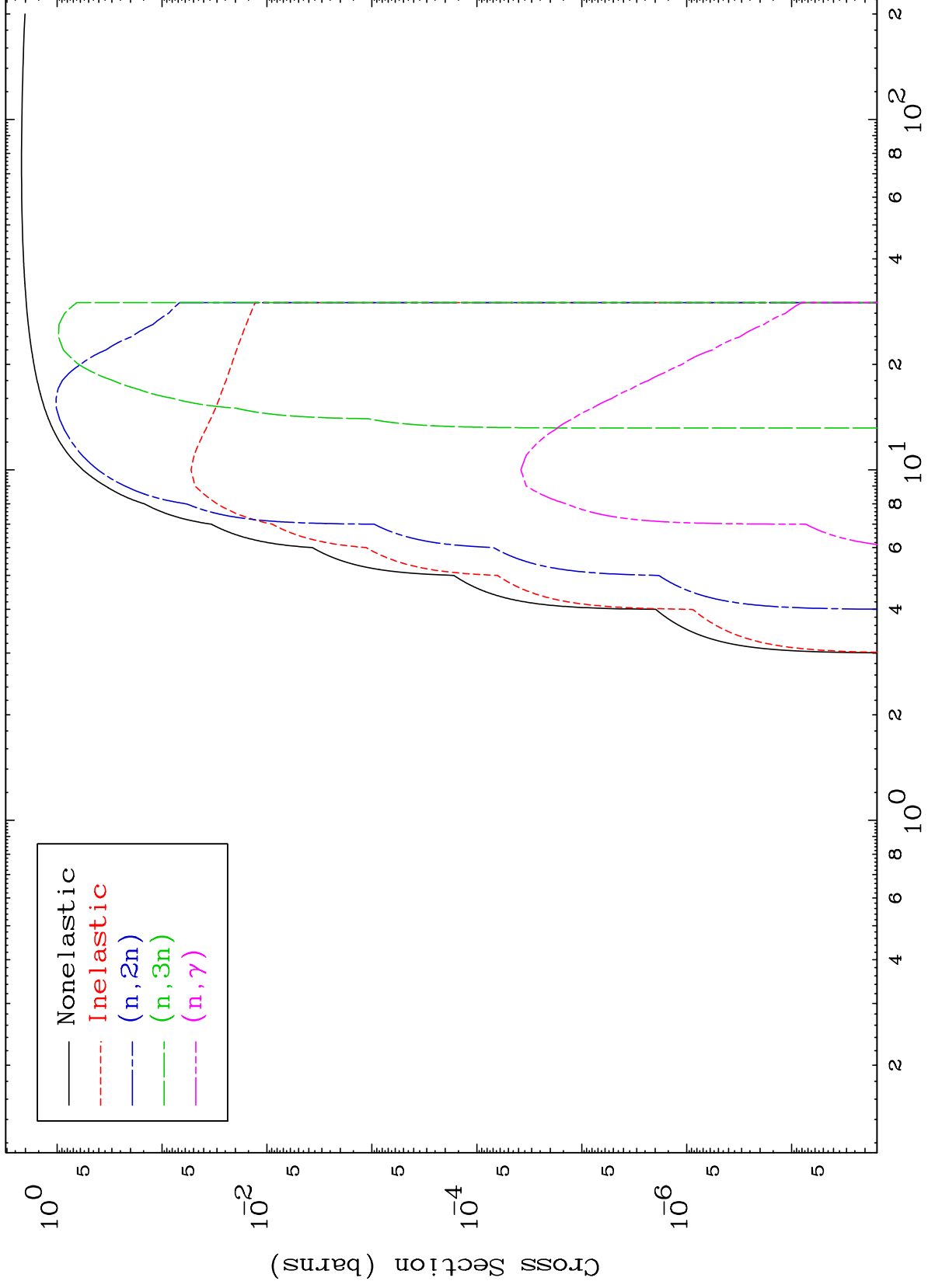
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

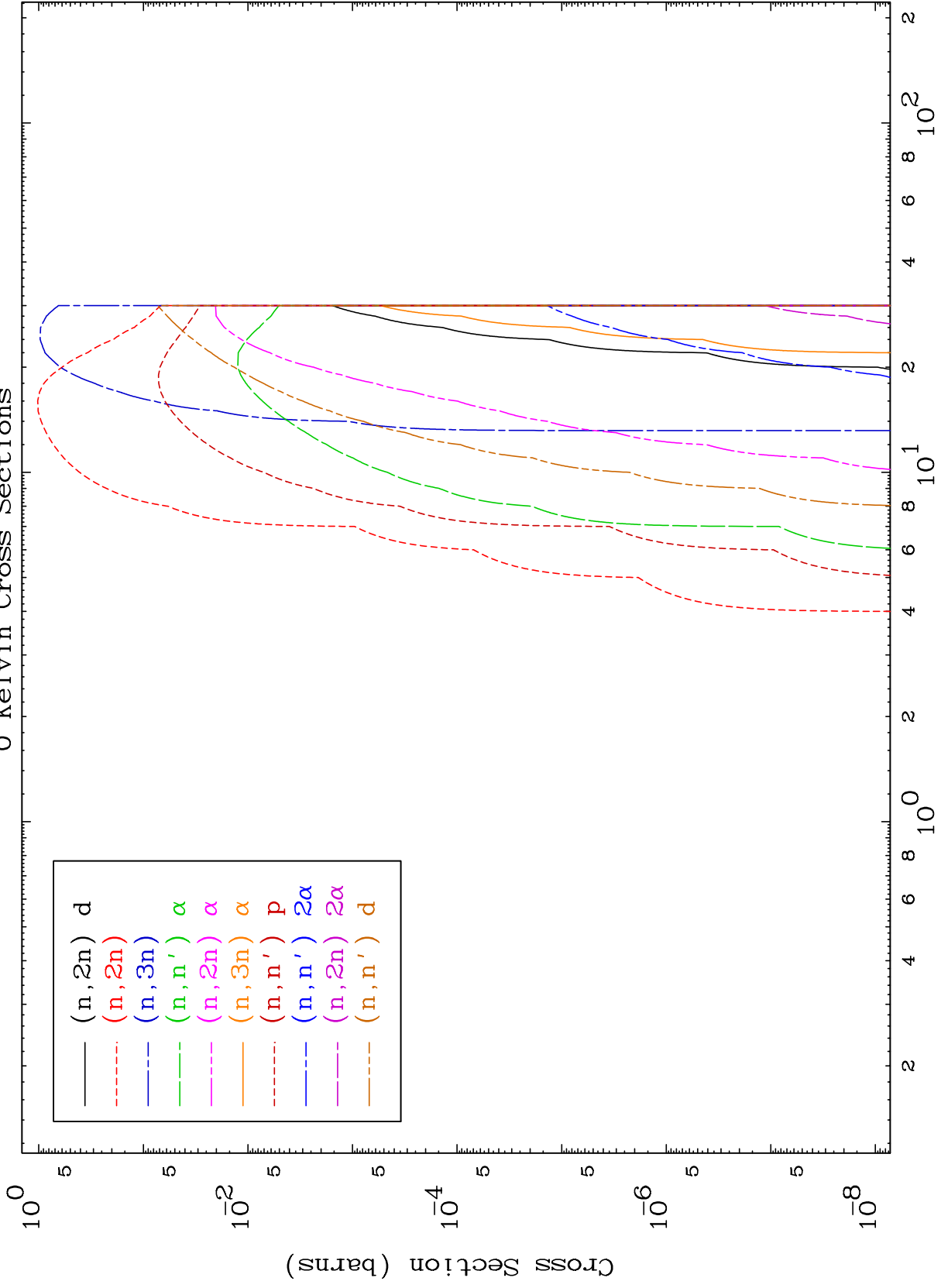
Tele: 925-443-1911

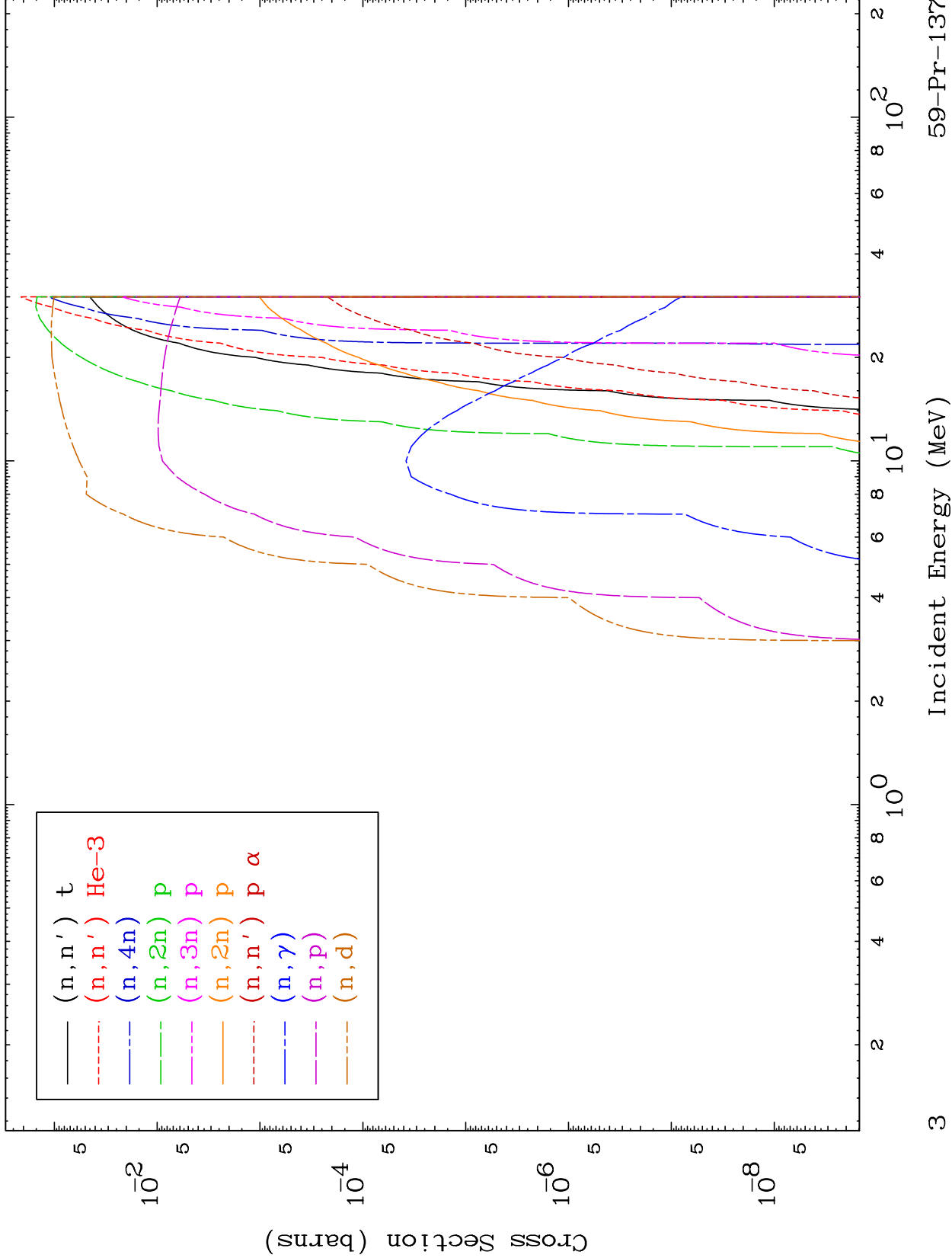
E.Mail:redcullen1@comcast.net

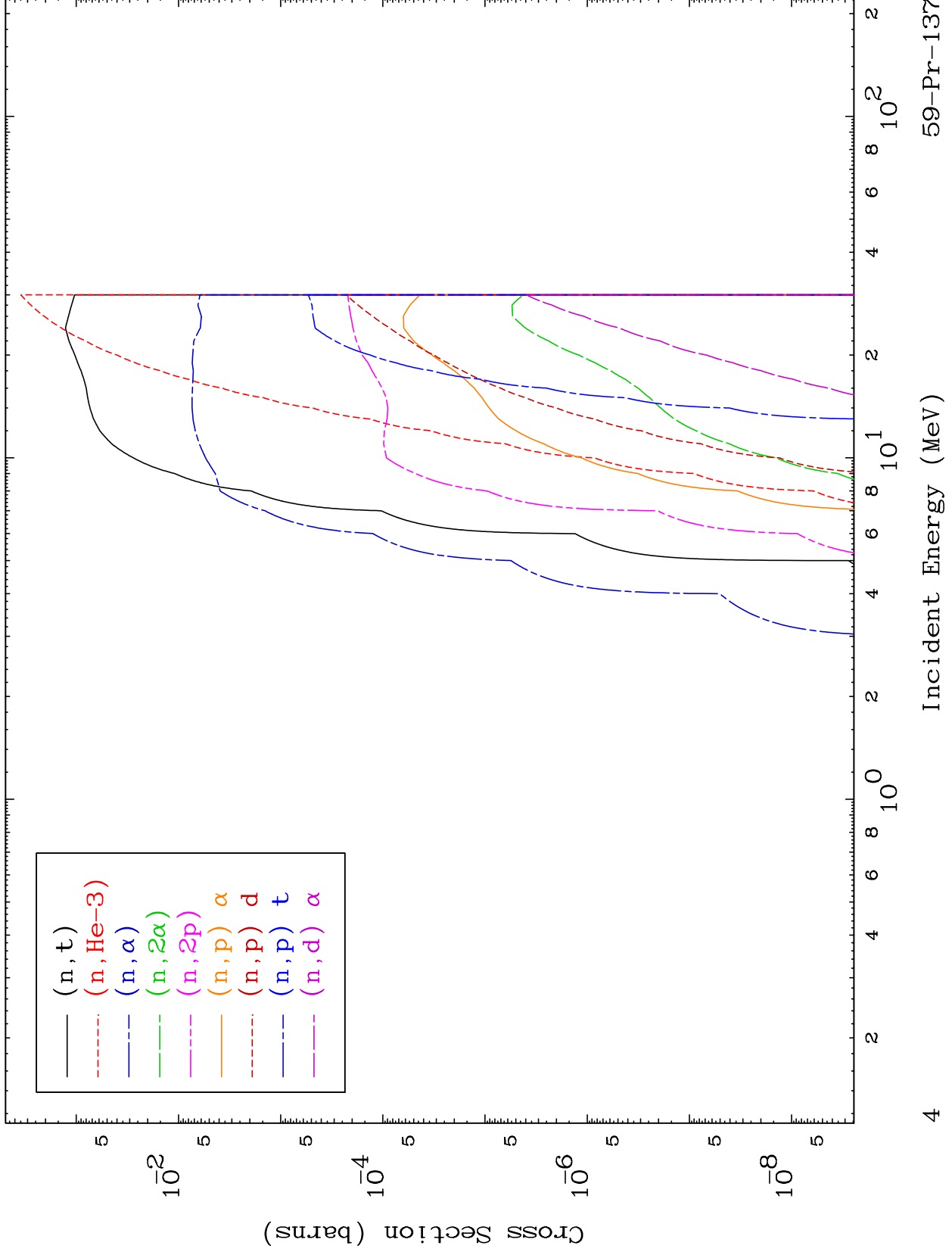
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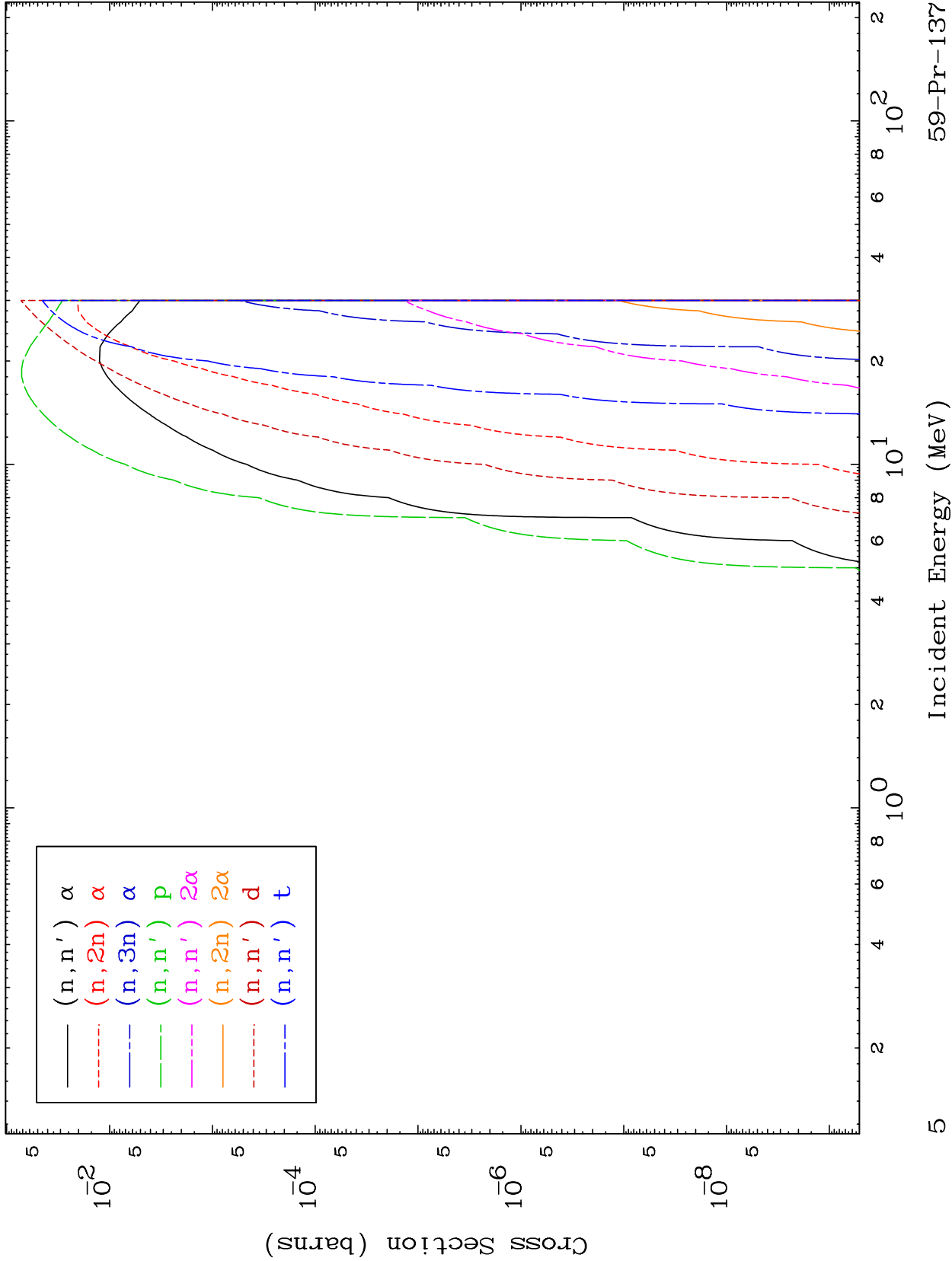
Press Mouse Button to Start

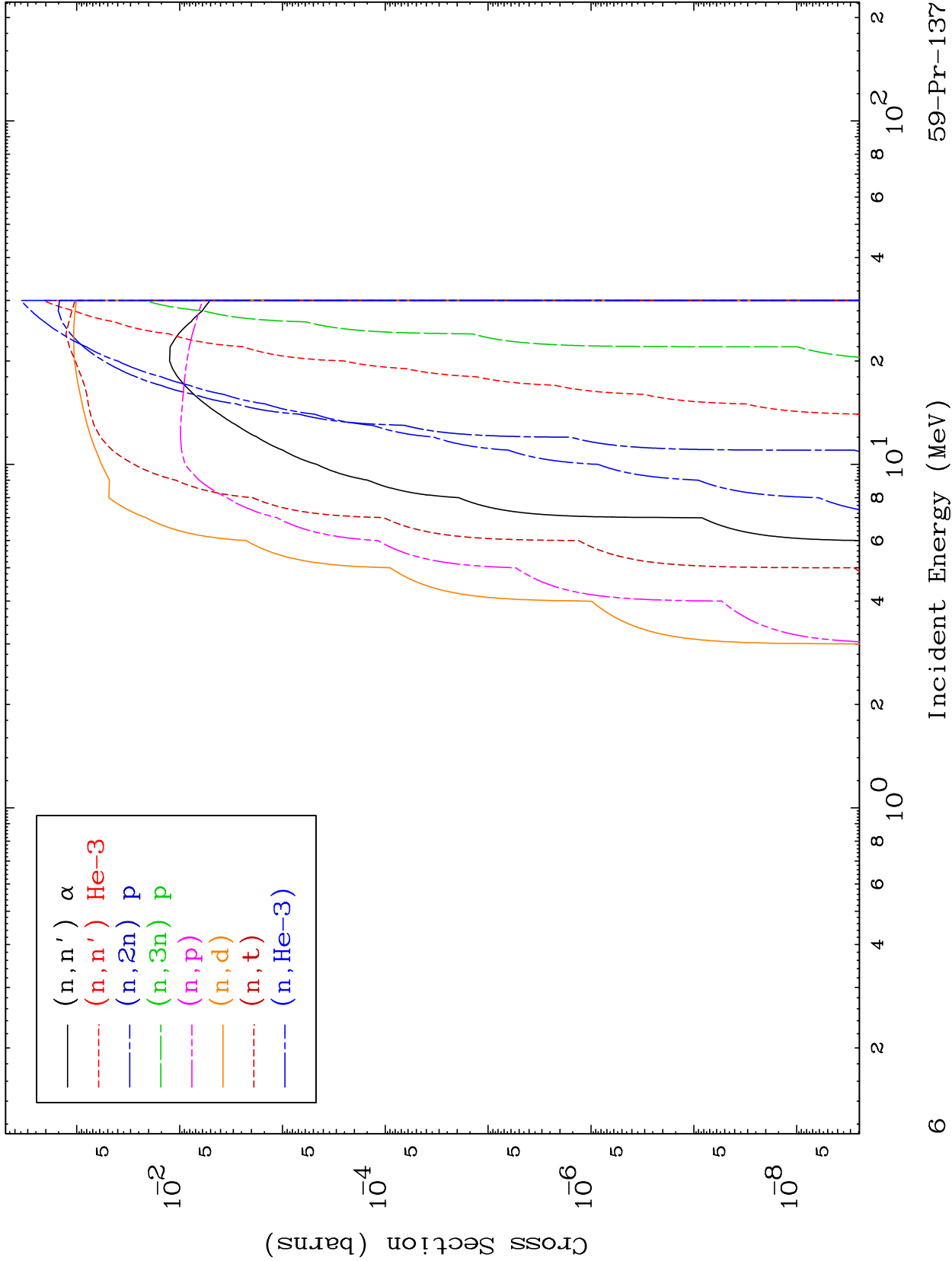


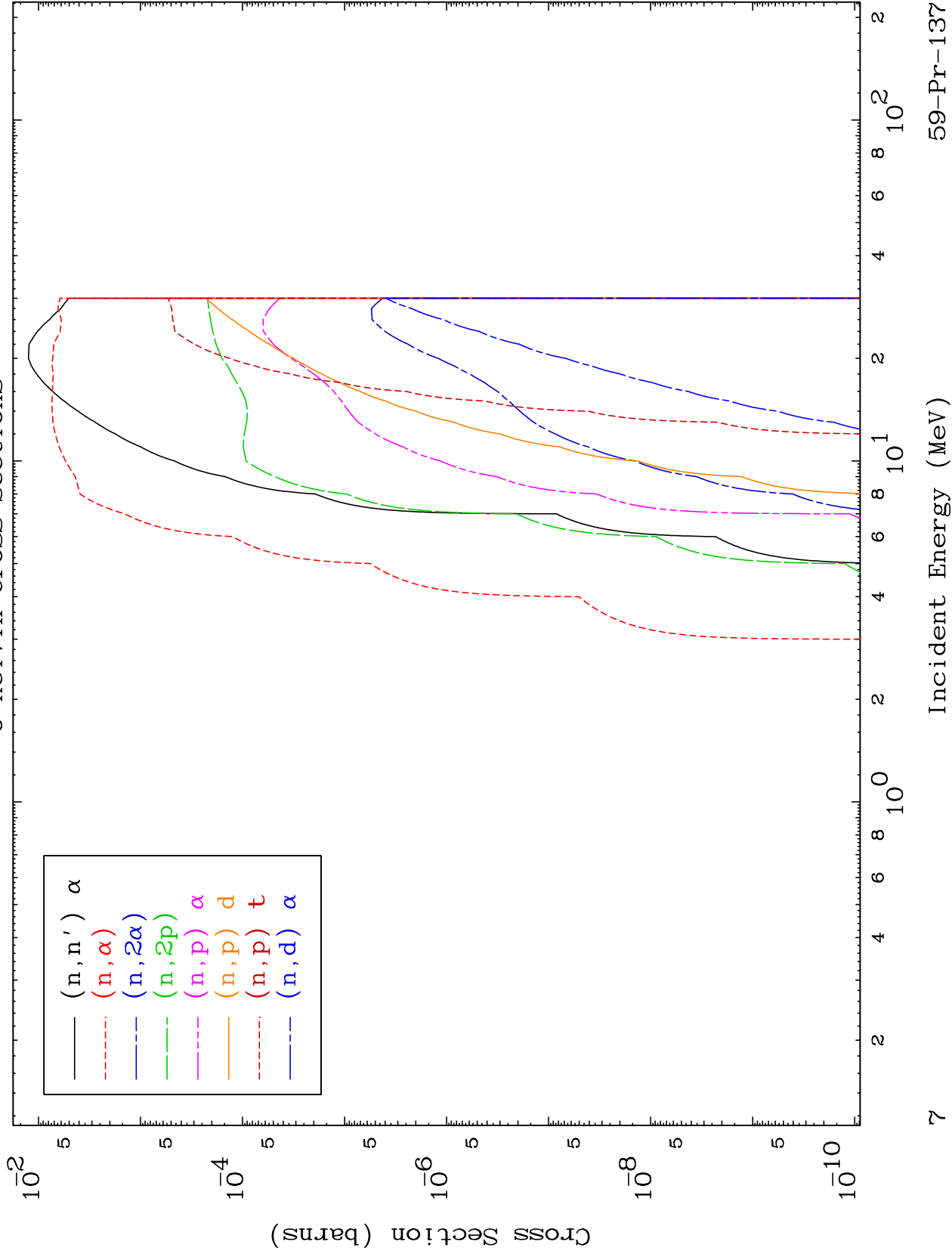








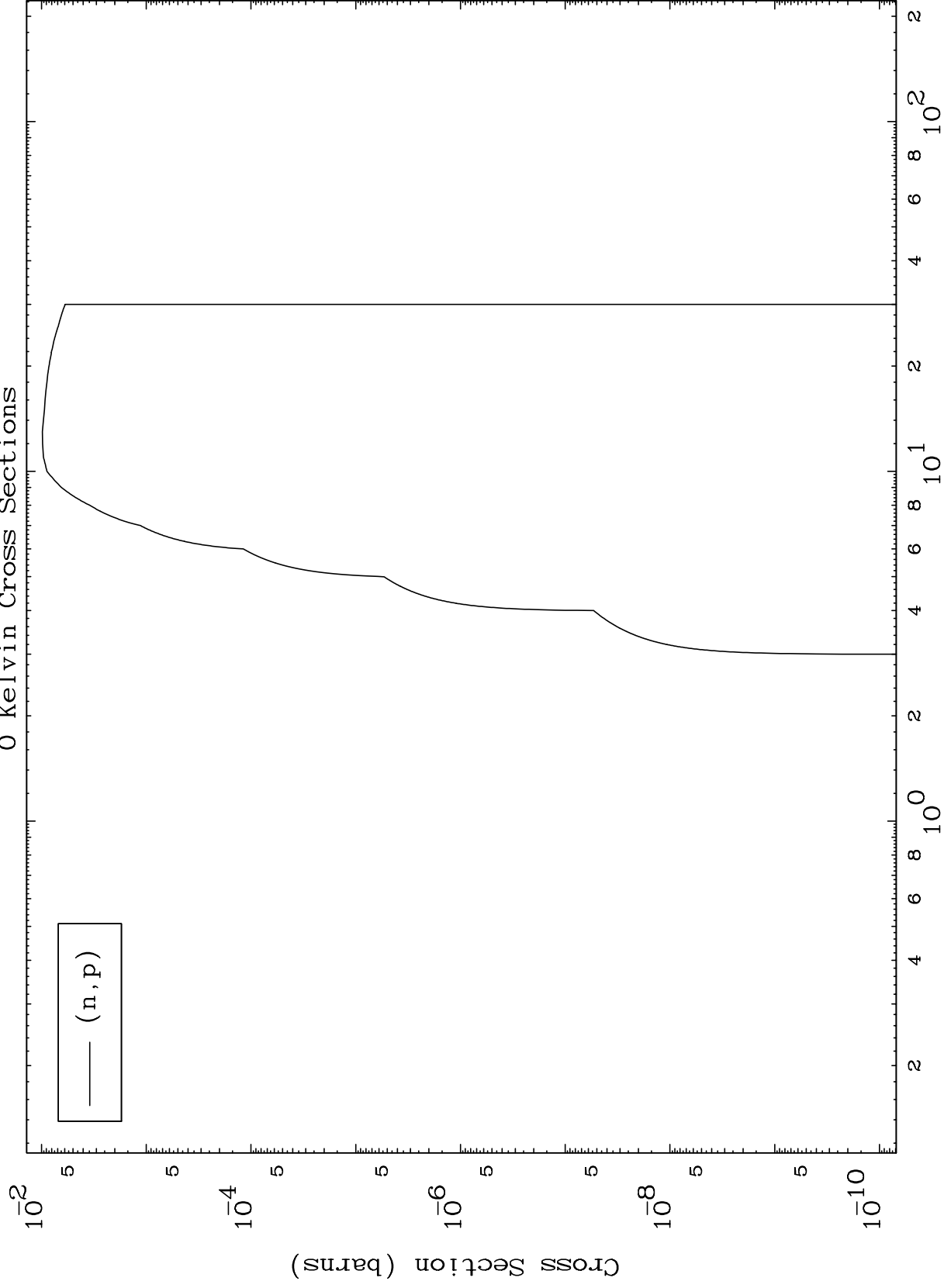




MAT 5913

59-Pr-137

(t,p) Levels
0 Kelvin Cross Sections

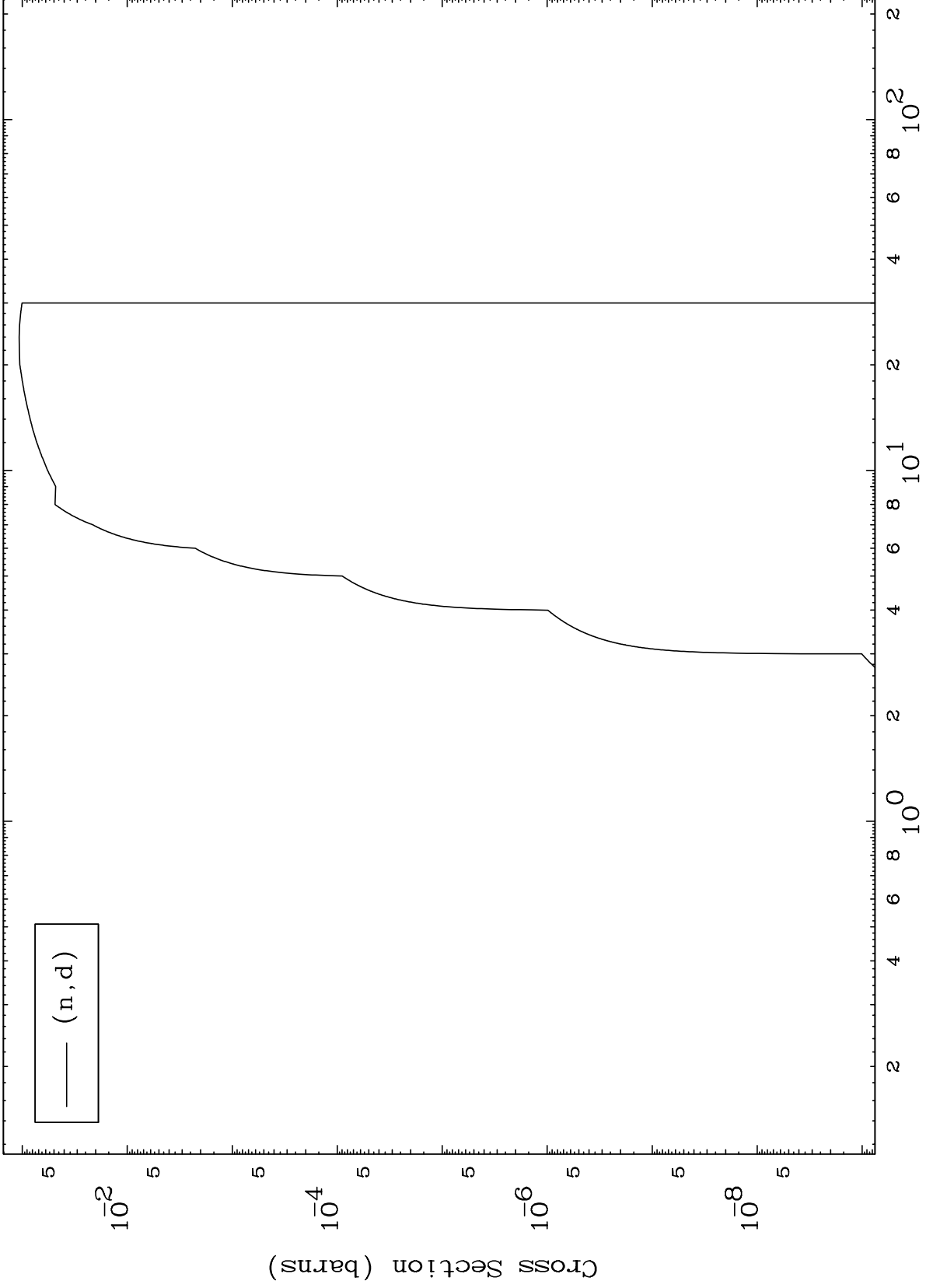


MAT 5913

(t, d) Levels

59-Pr-137

0 Kelvin Cross Sections

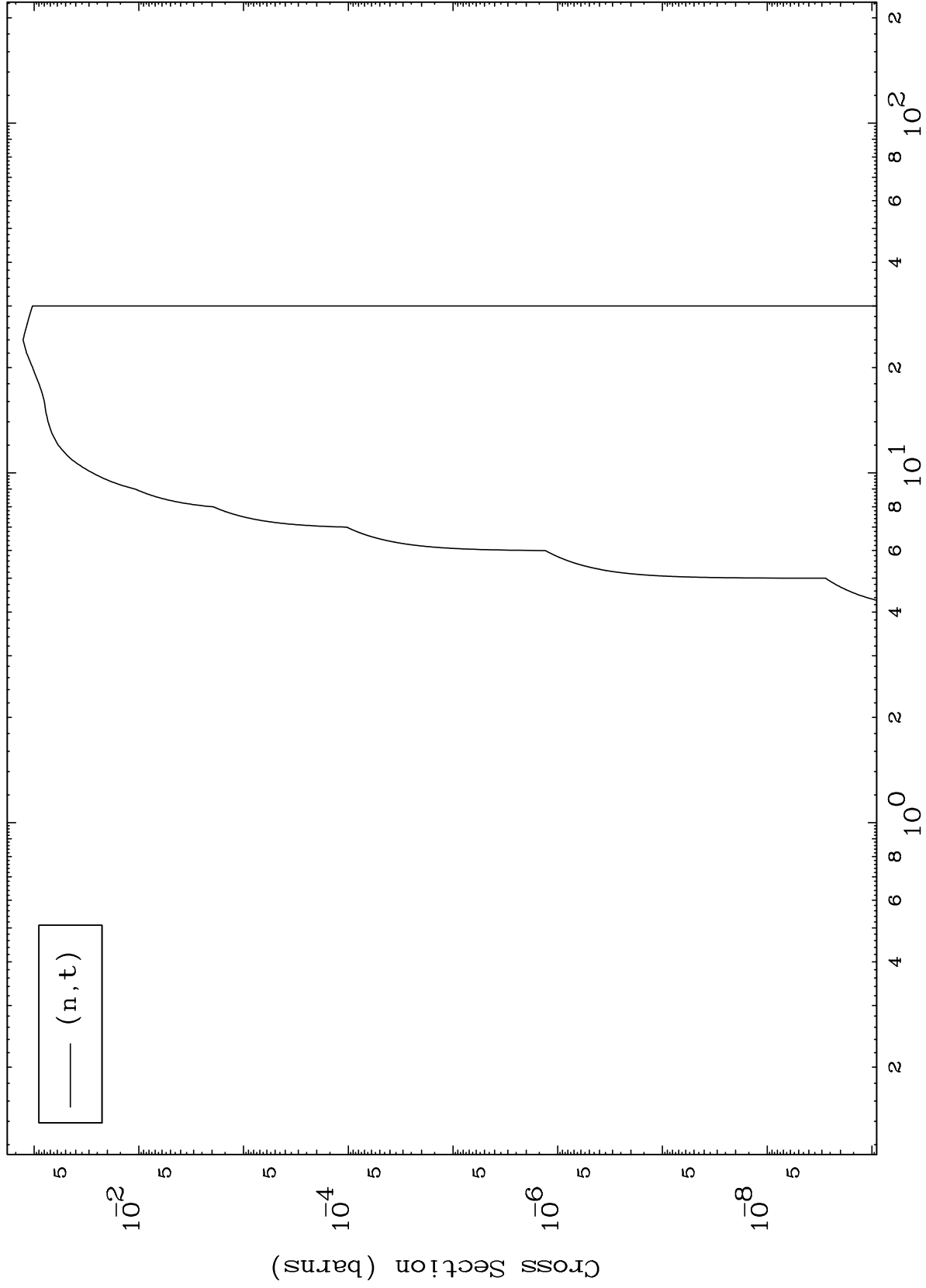


MAT 5913

(t, t) Levels

59-Pr-137

0 Kelvin Cross Sections



10

Incident Energy (MeV)

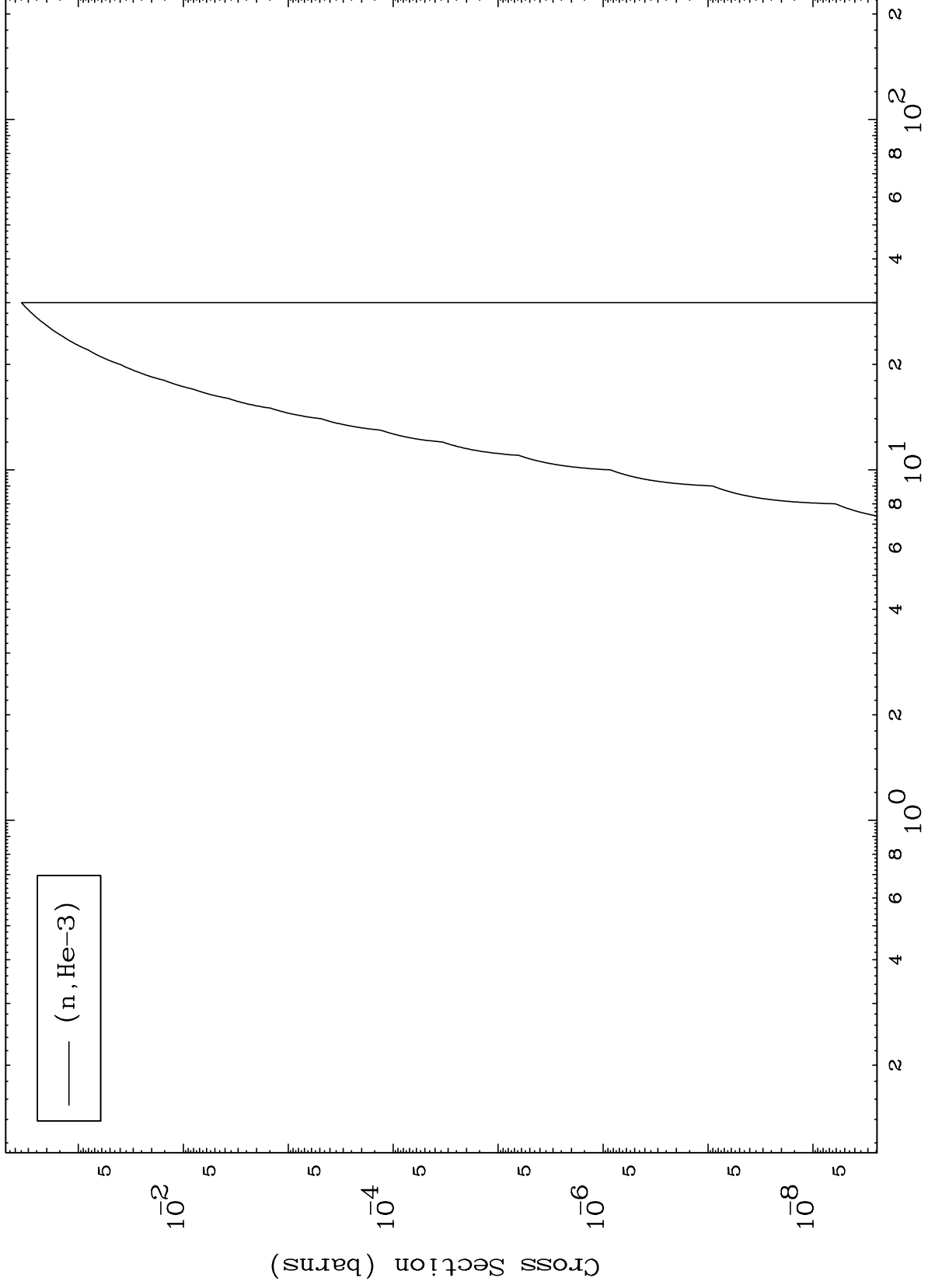
59-Pr-137

MAT 5913

(t,He3) Levels

59-Pr-137

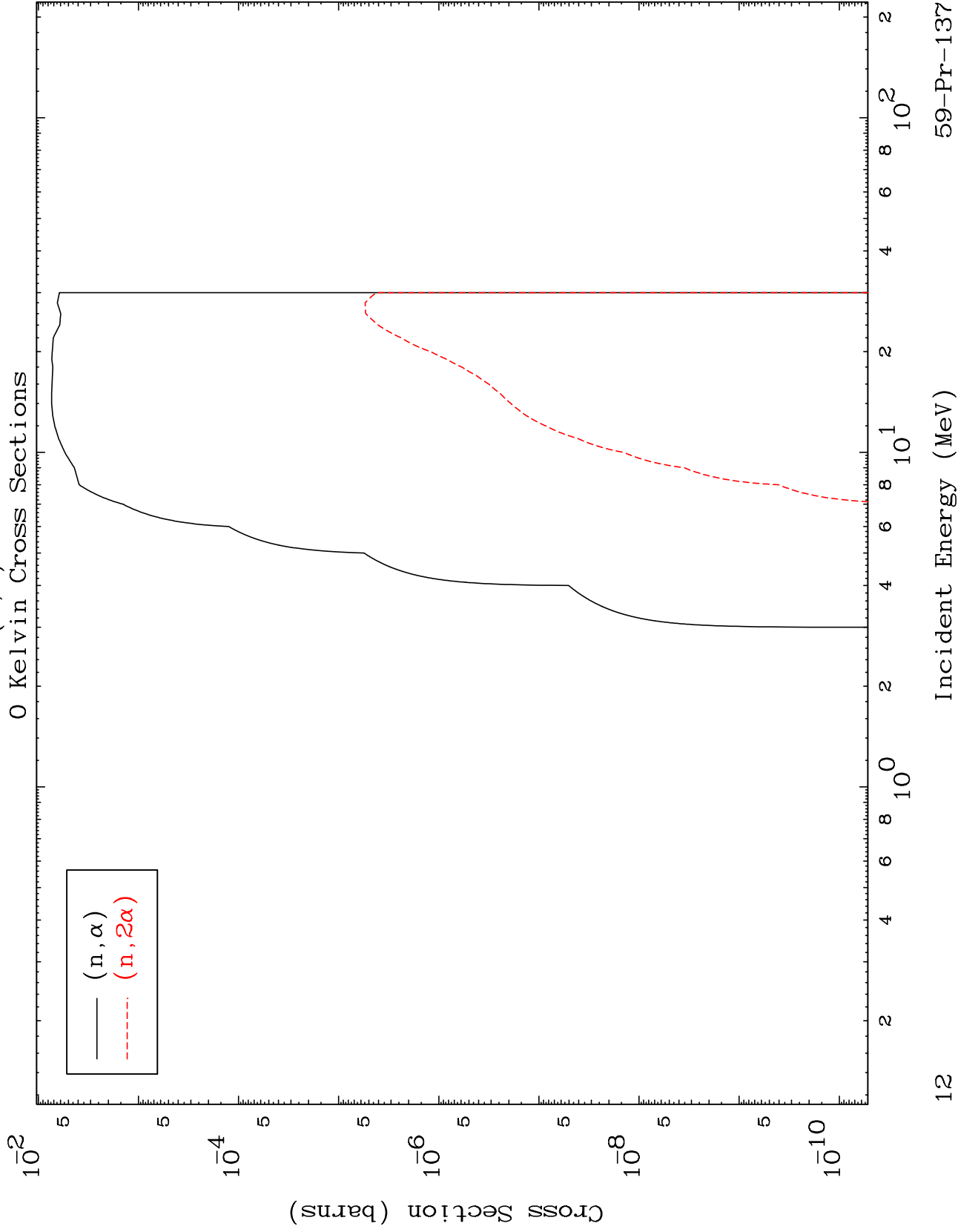
0 Kelvin Cross Sections



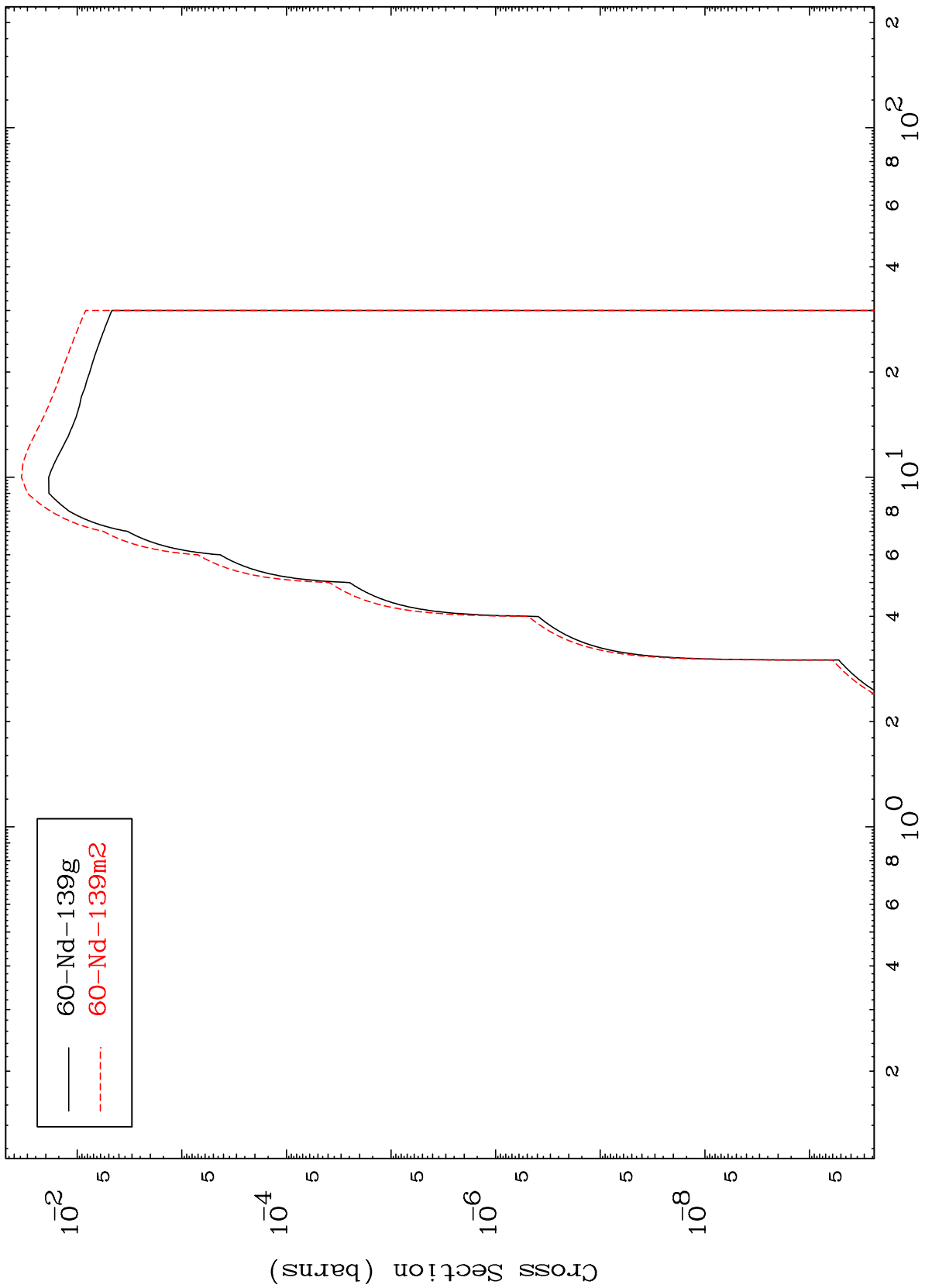
MAT 5913

(t, α) Levels

59-Pr-137



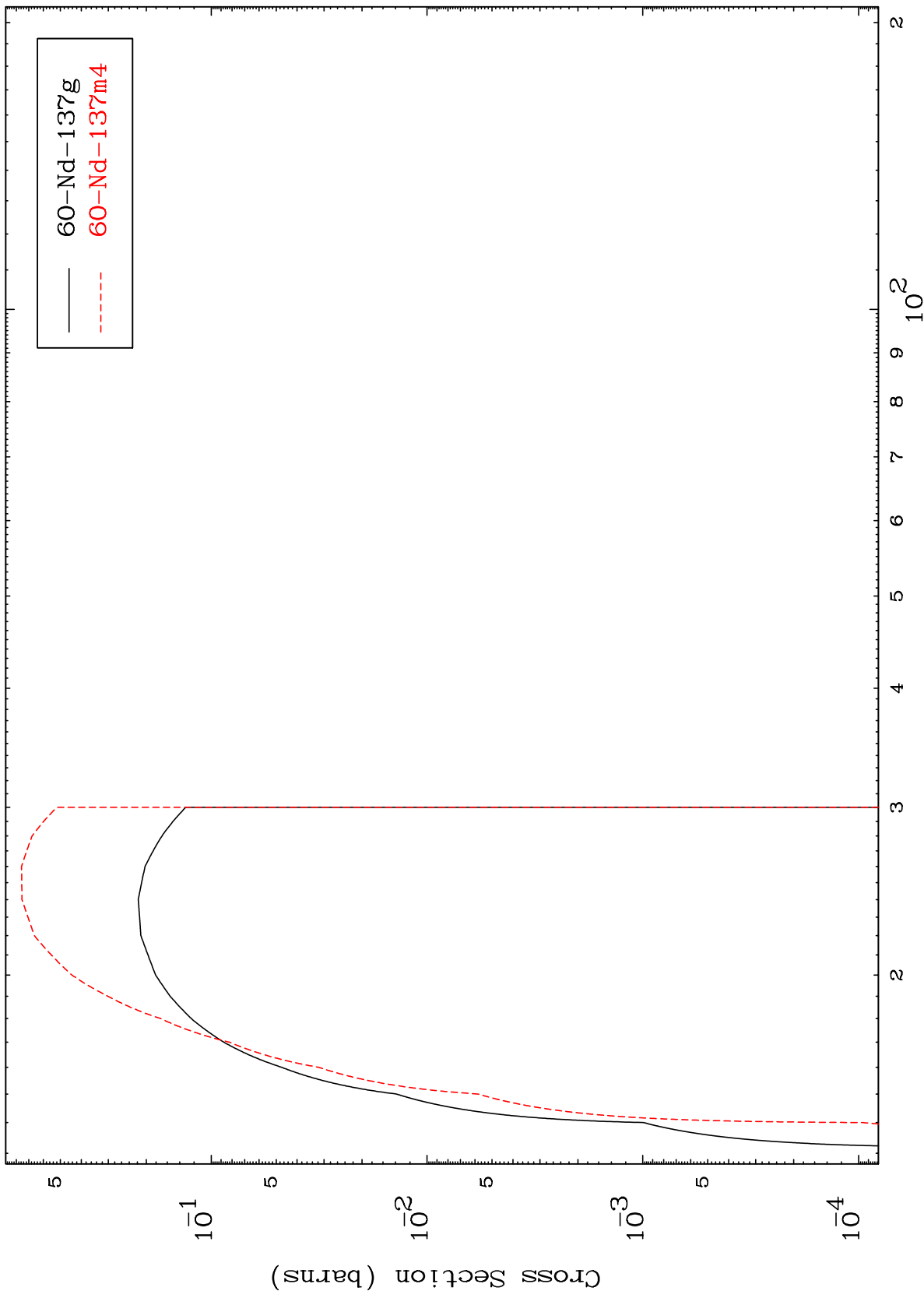
Inelastic
Radionuclide Production Cross Section



MAT 5913

59-Pr-137

(n,3n)
Radionuclide Production Cross Section



14

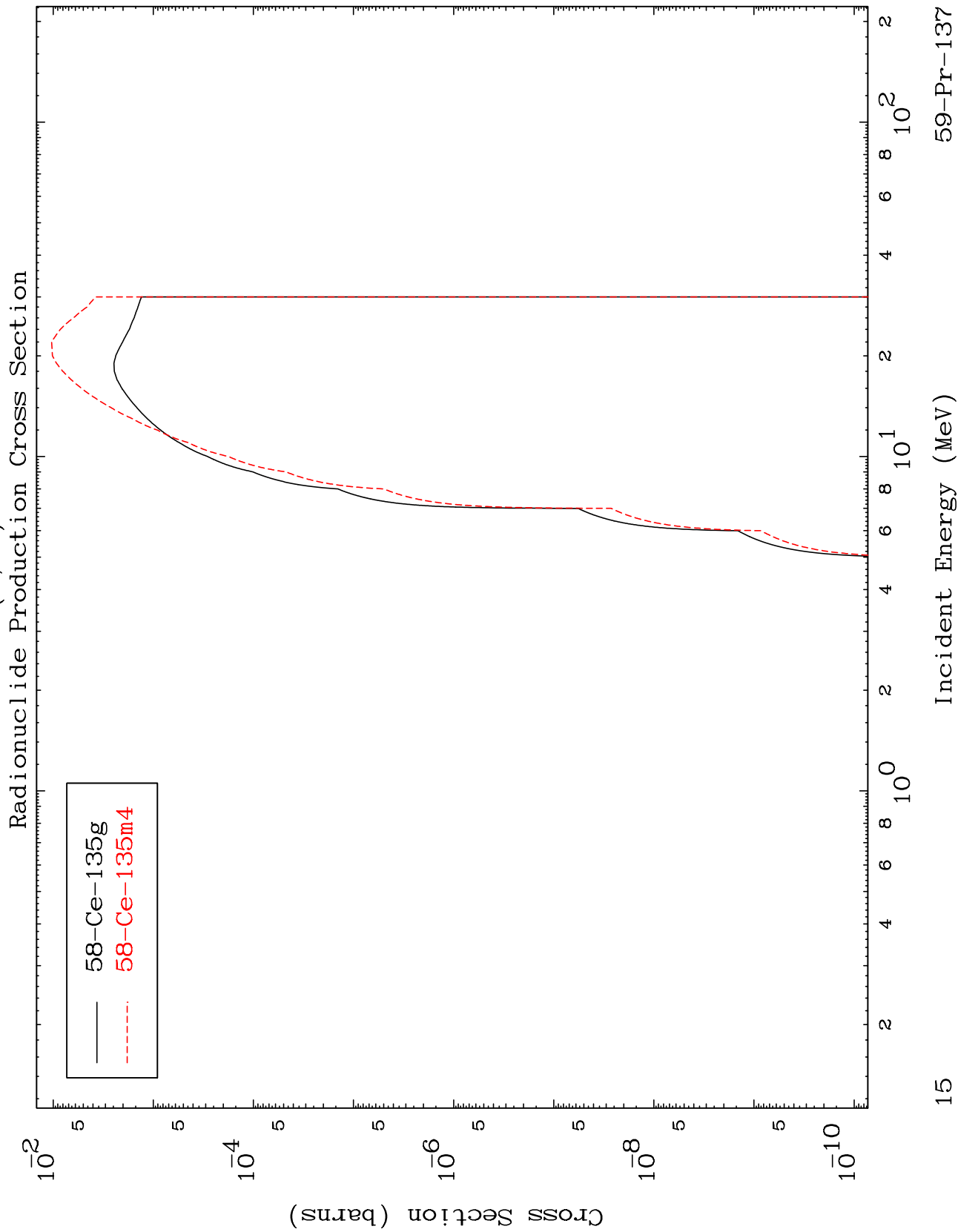
Incident Energy (MeV)

59-Pr-137

MAT 5913

(n,n') α

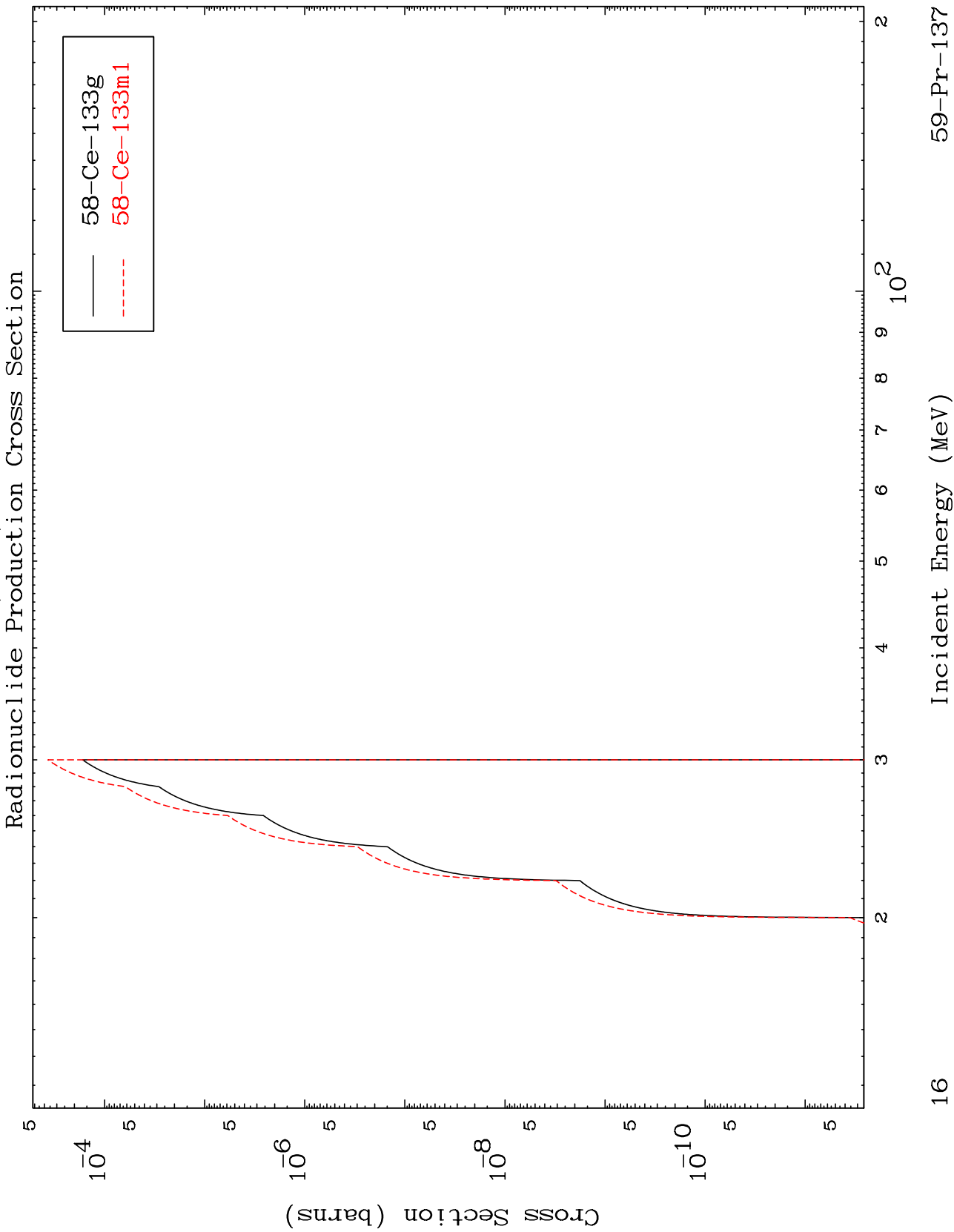
59-Pr-137



MAT 5913

(n,3n) α

59-Pr-137



16

Incident Energy (MeV)

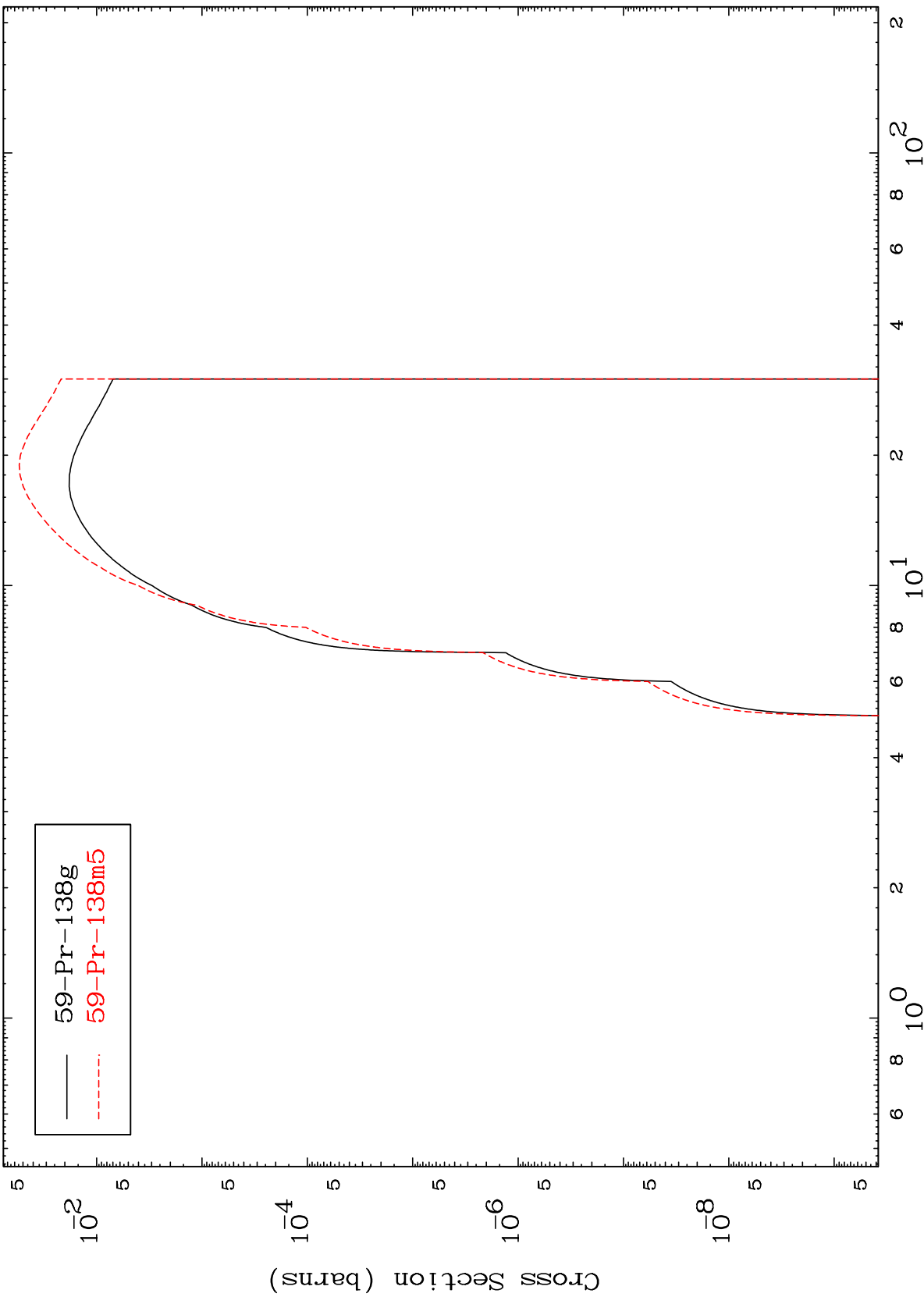
59-Pr-137

MAT 5913

(n,n') p

59-Pr-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

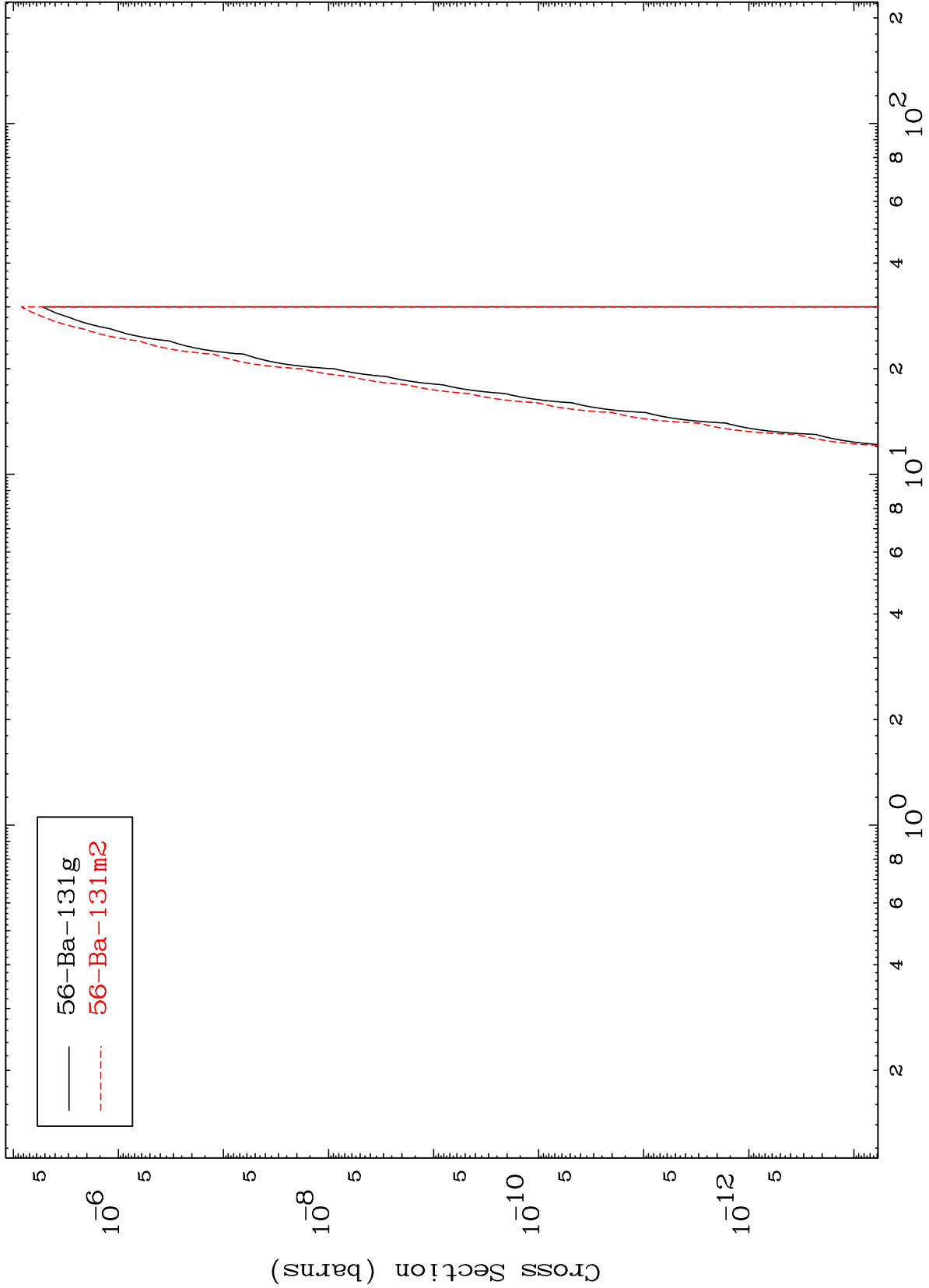
59-Pr-137

MAT 5913

(n,n') 2α

59-Pr-137

Radionuclide Production Cross Section

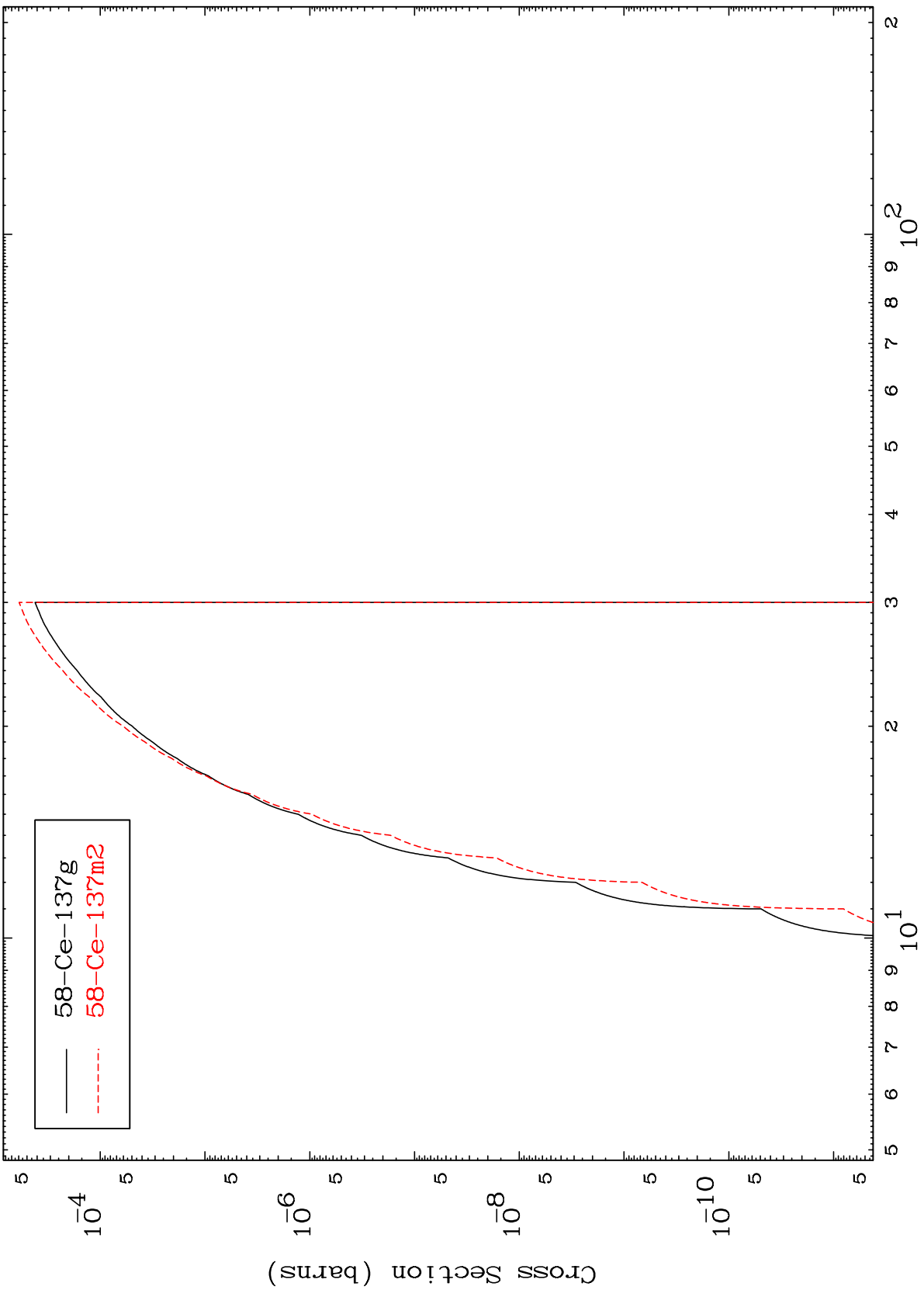


MAT 5913

(n,2n) p

59-Pr-137

Radionuclide Production Cross Section



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

19

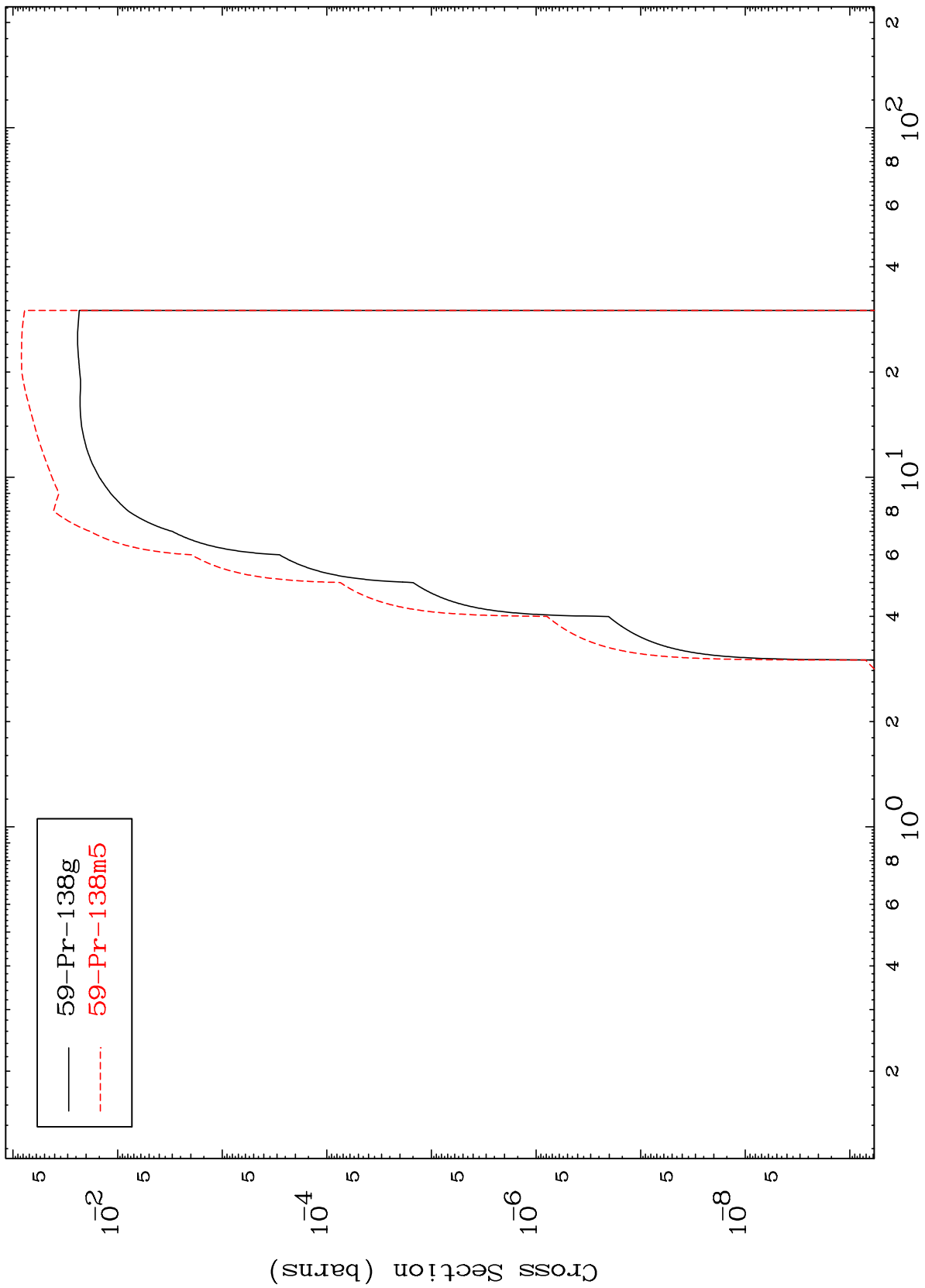
Incident Energy (MeV)

59-Pr-137

MAT 5913

59-Pr-137

(n,d)
Radionuclide Production Cross Section



59-Pr-137

Incident Energy (MeV)

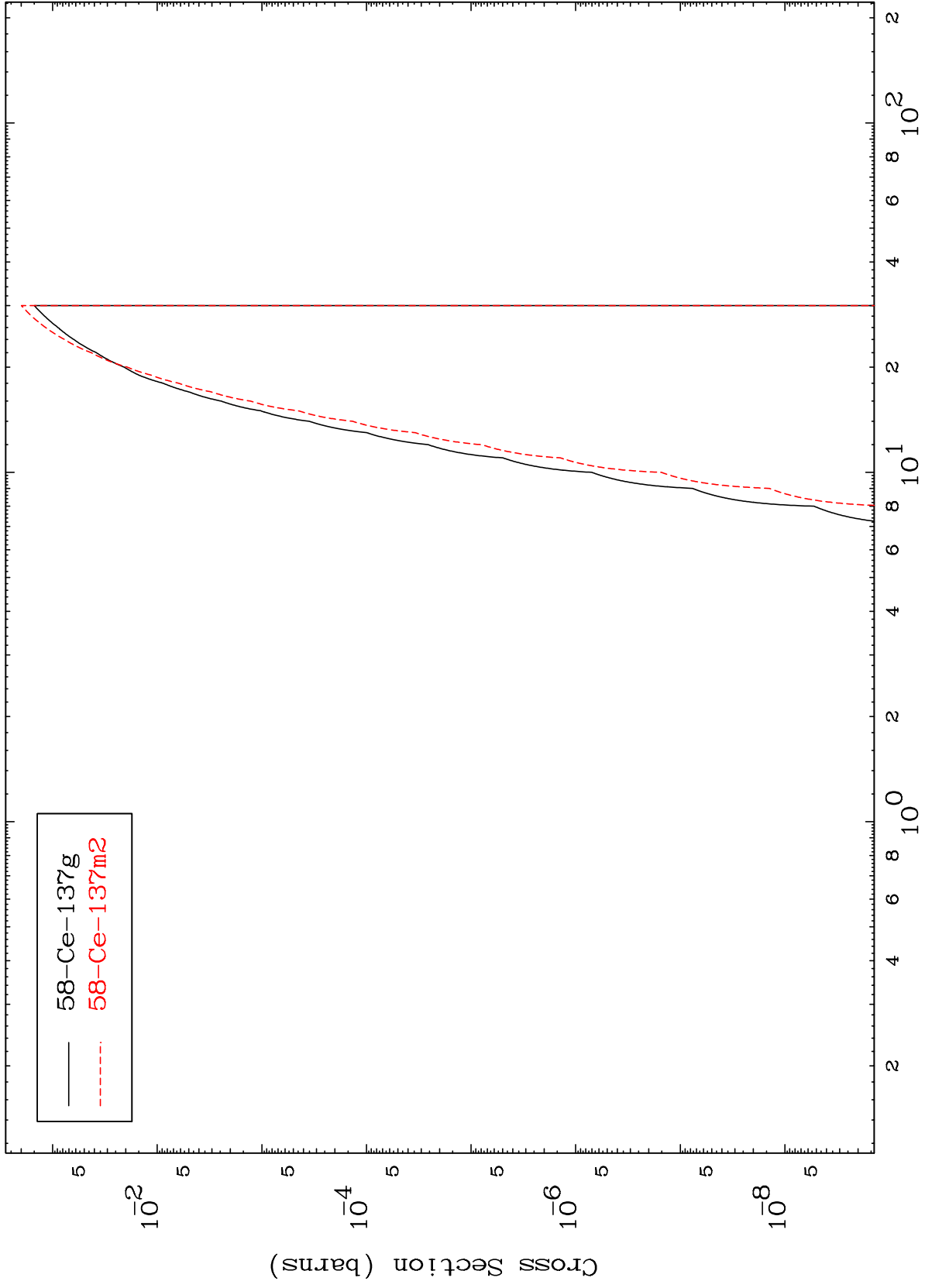
20

MAT 5913

(n,He-3)

59-Pr-137

Radionuclide Production Cross Section

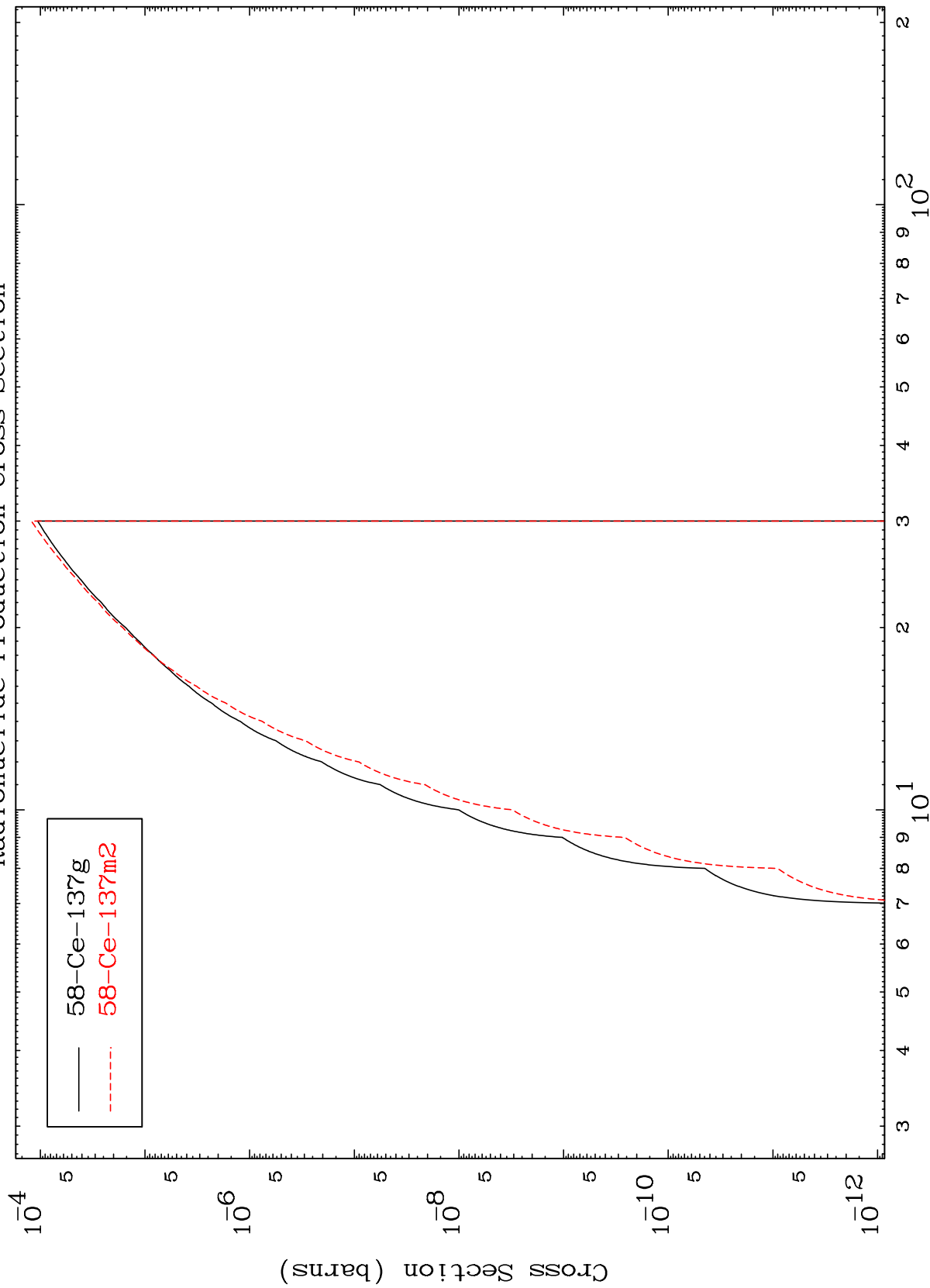


MAT 5913

(n,p) d

59-Pr-137

Radionuclide Production Cross Section



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

Incident Energy (MeV)

59-Pr-137

22