

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

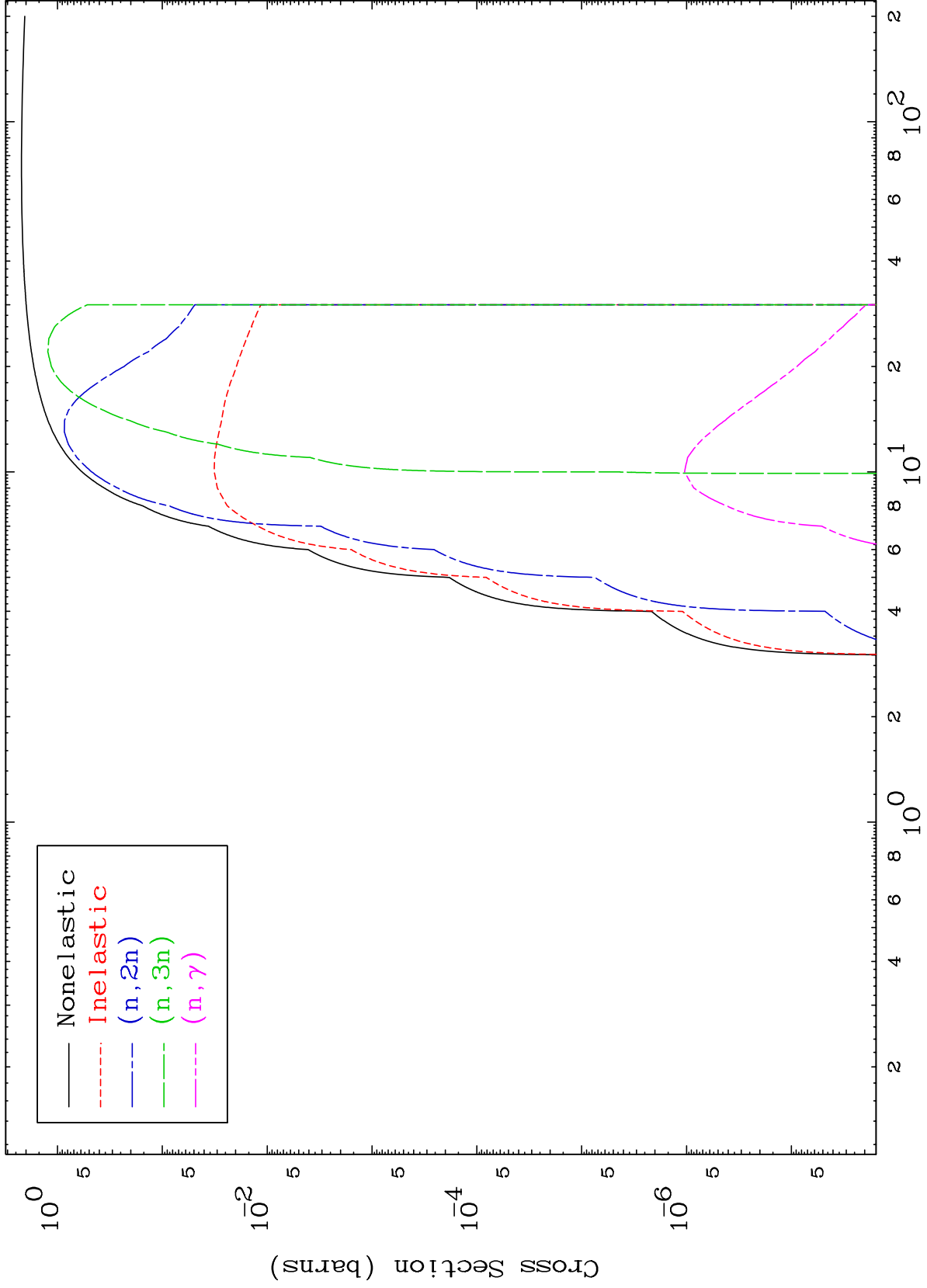
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

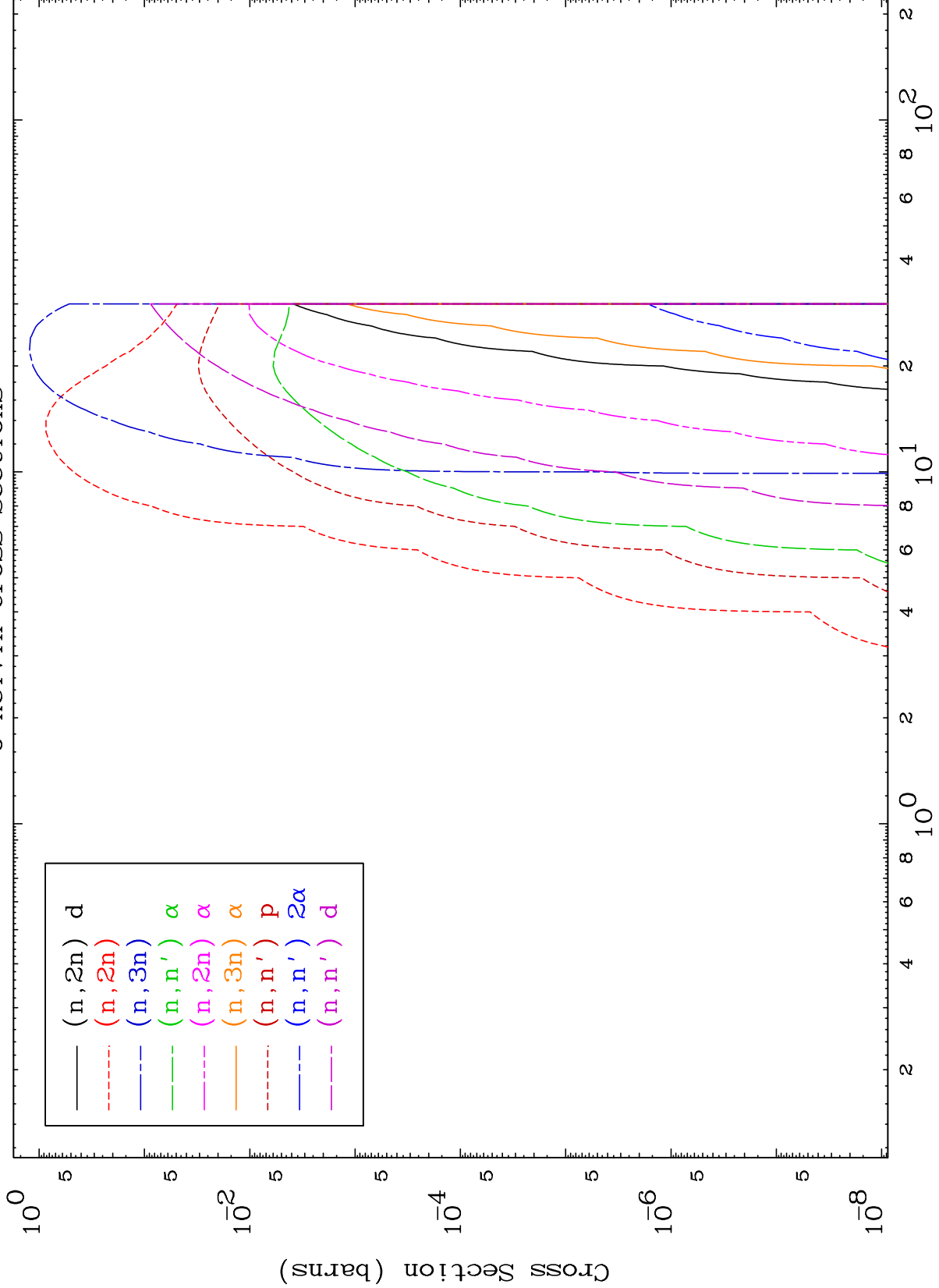
Tele: 925-443-1911

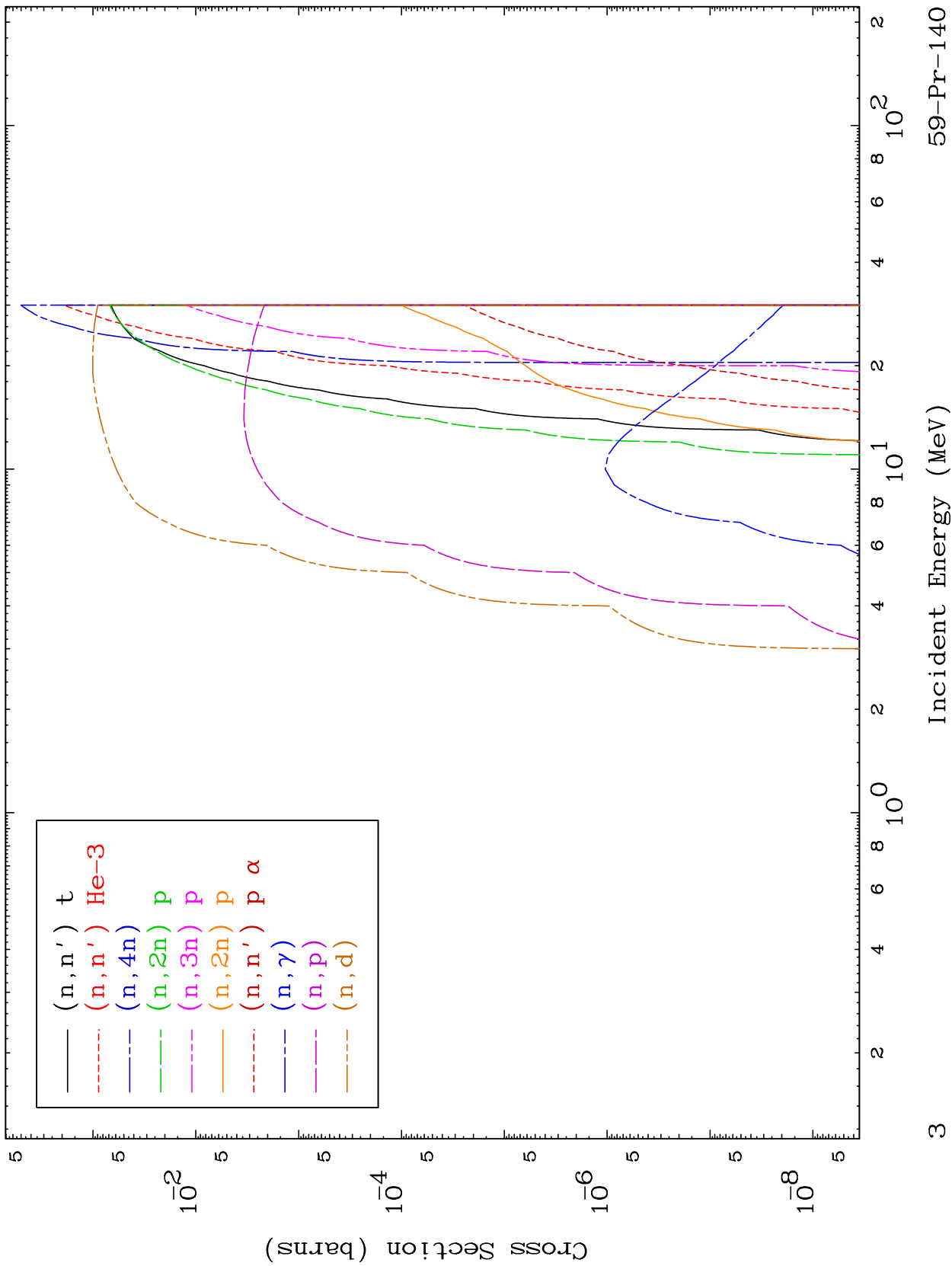
E.Mail:redcullen1@comcast.net

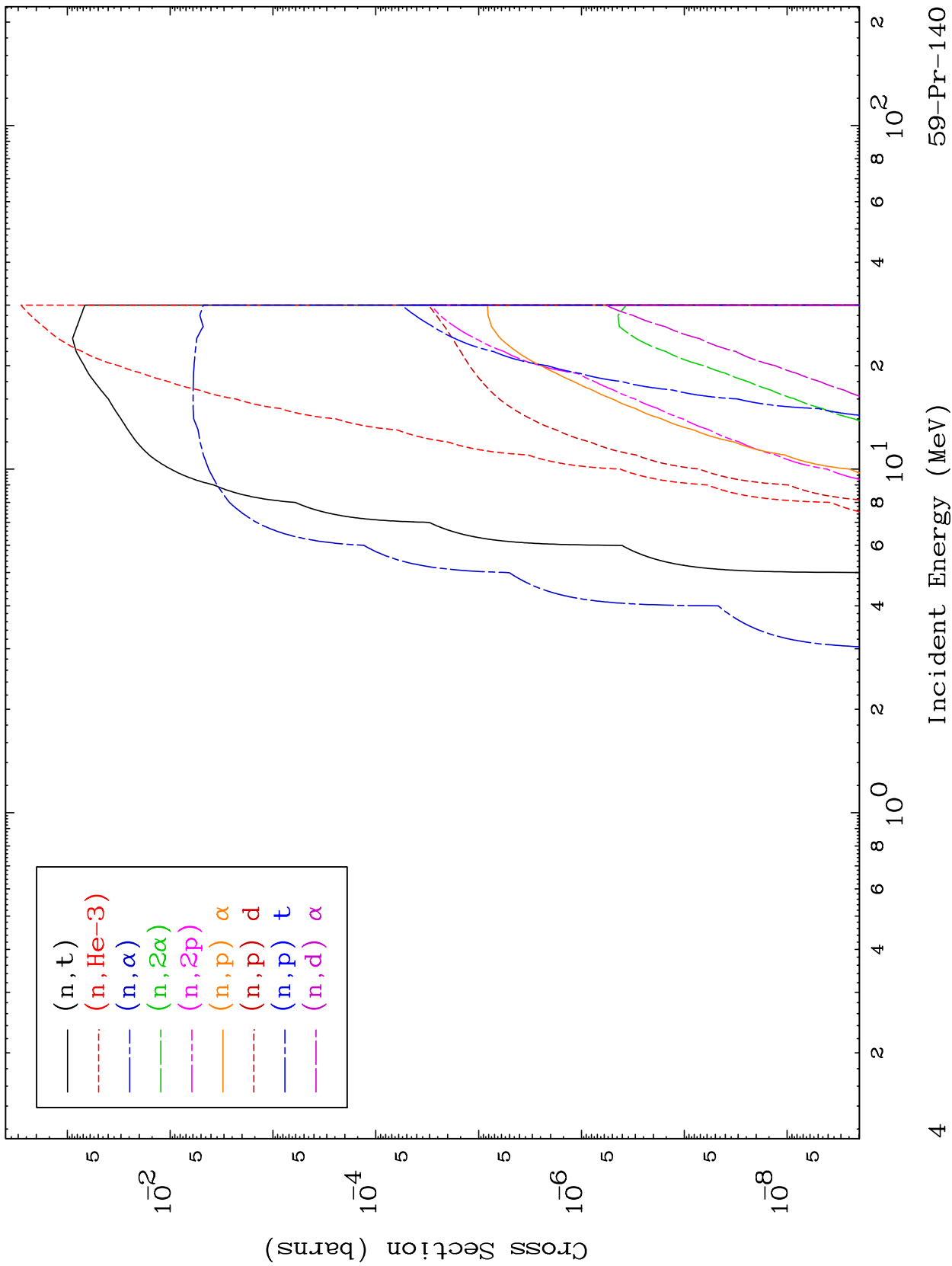
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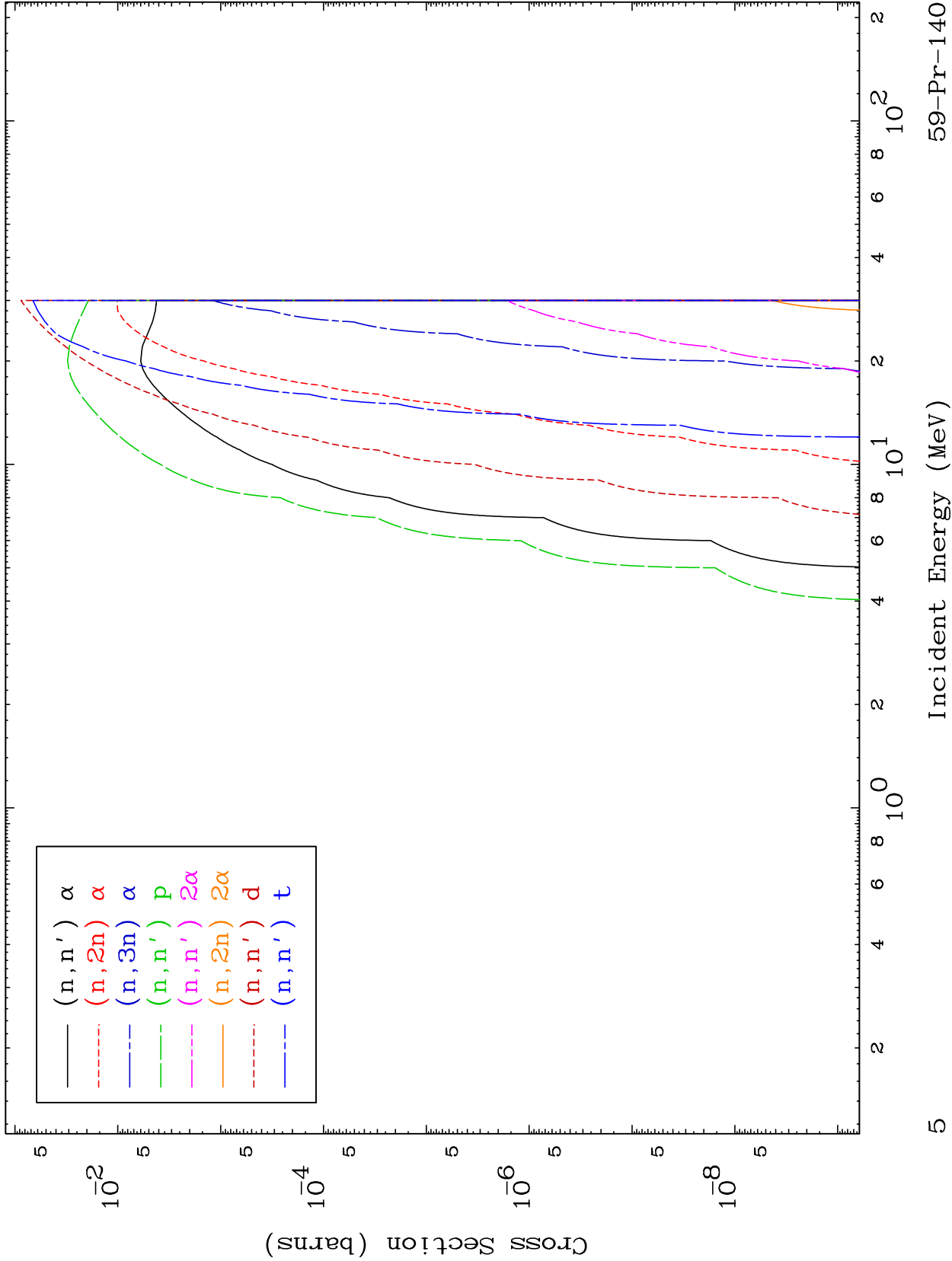
Press Mouse Button to Start

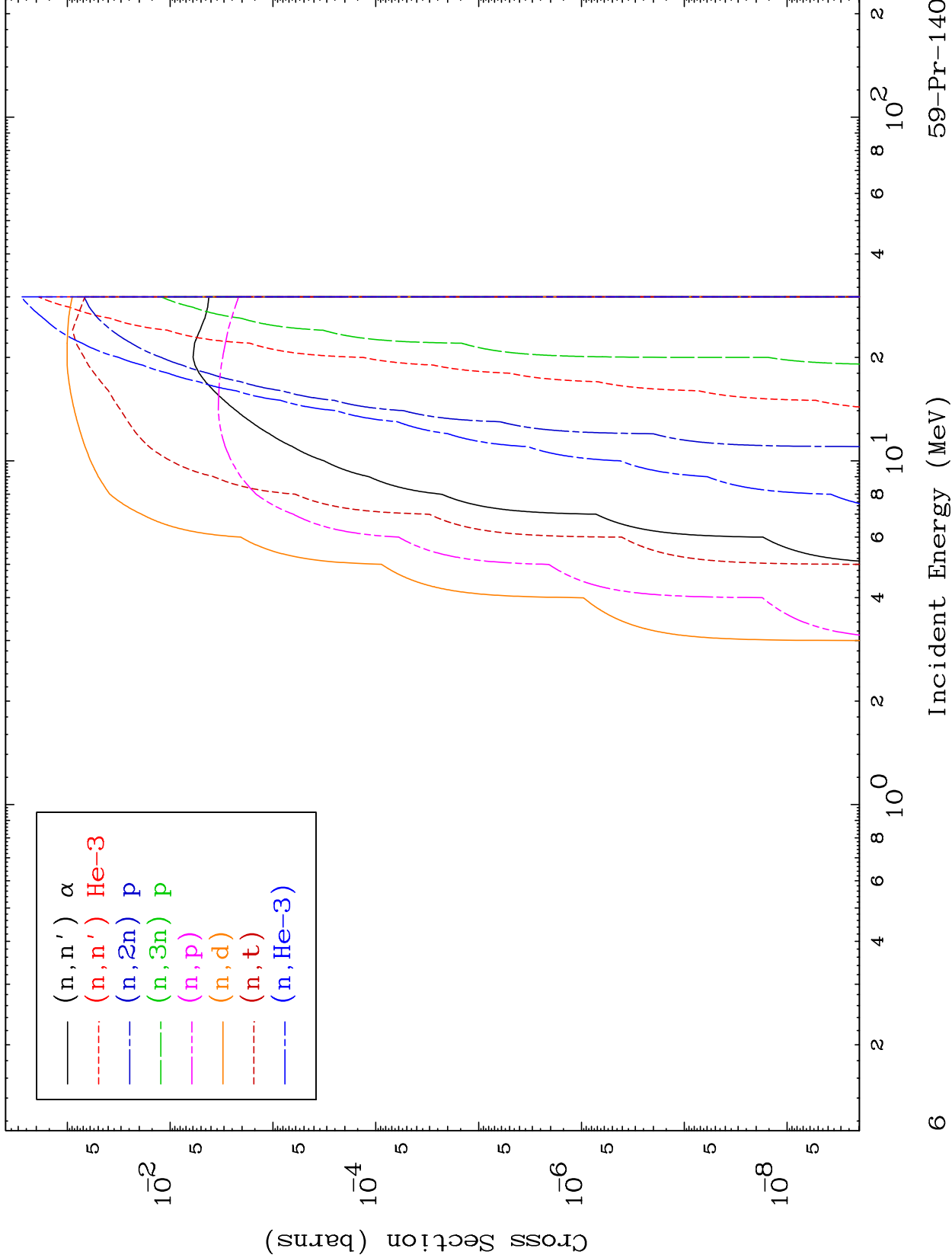


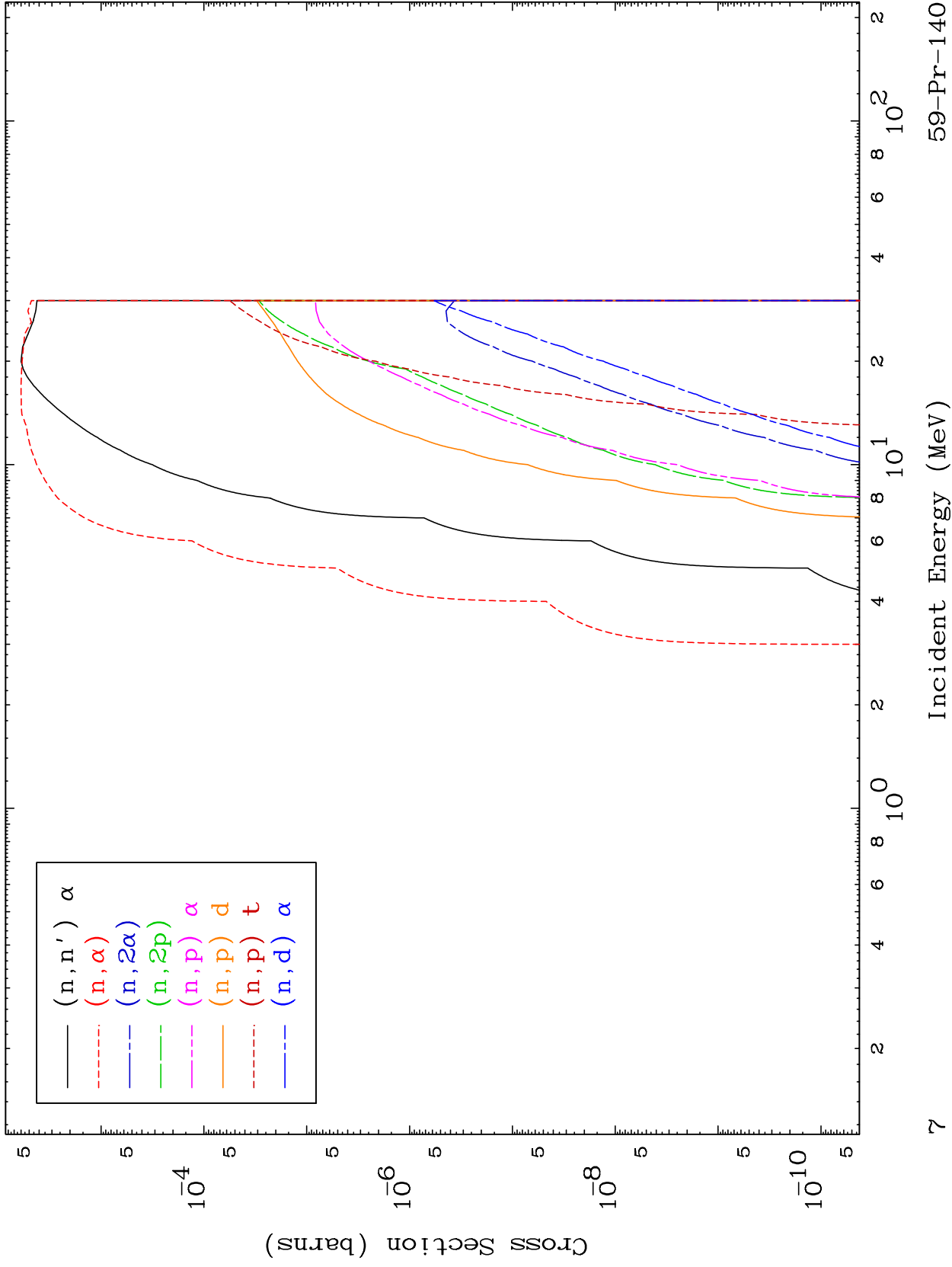










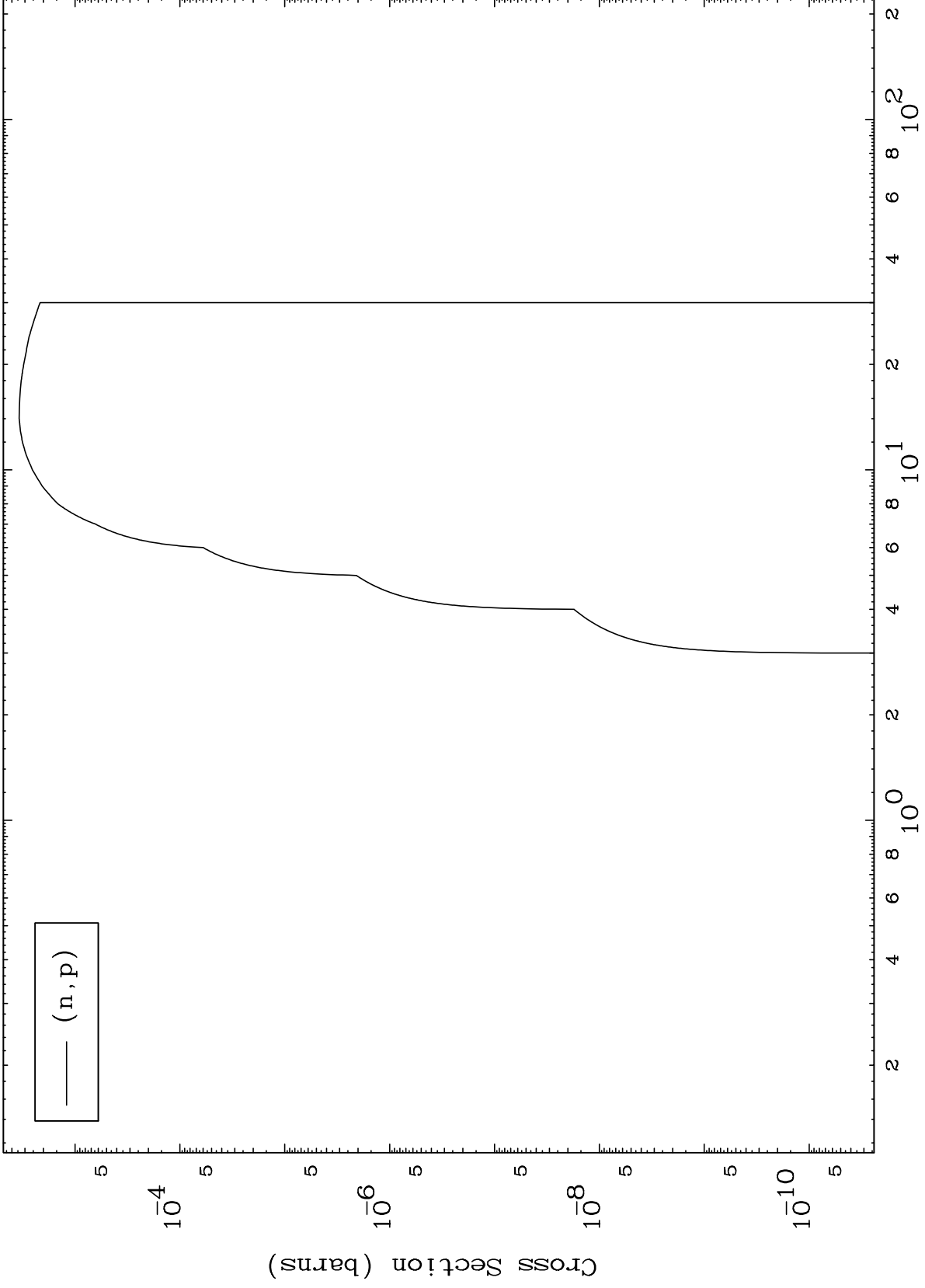


MAT 5922

(t,p) Levels

59-Pr-140

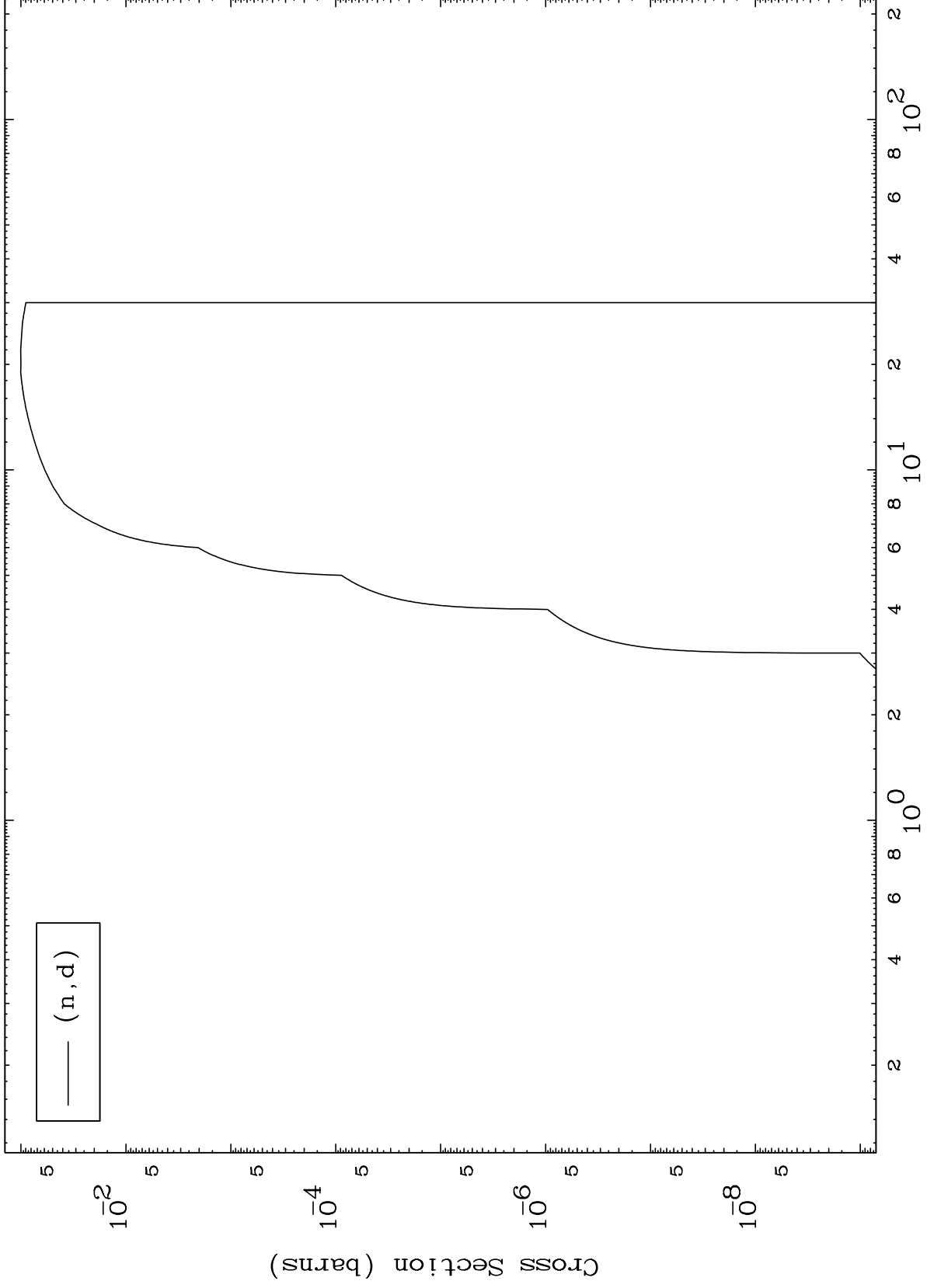
0 Kelvin Cross Sections



MAT 5922

(t, d) Levels
0 Kelvin Cross Sections

59-Pr-140

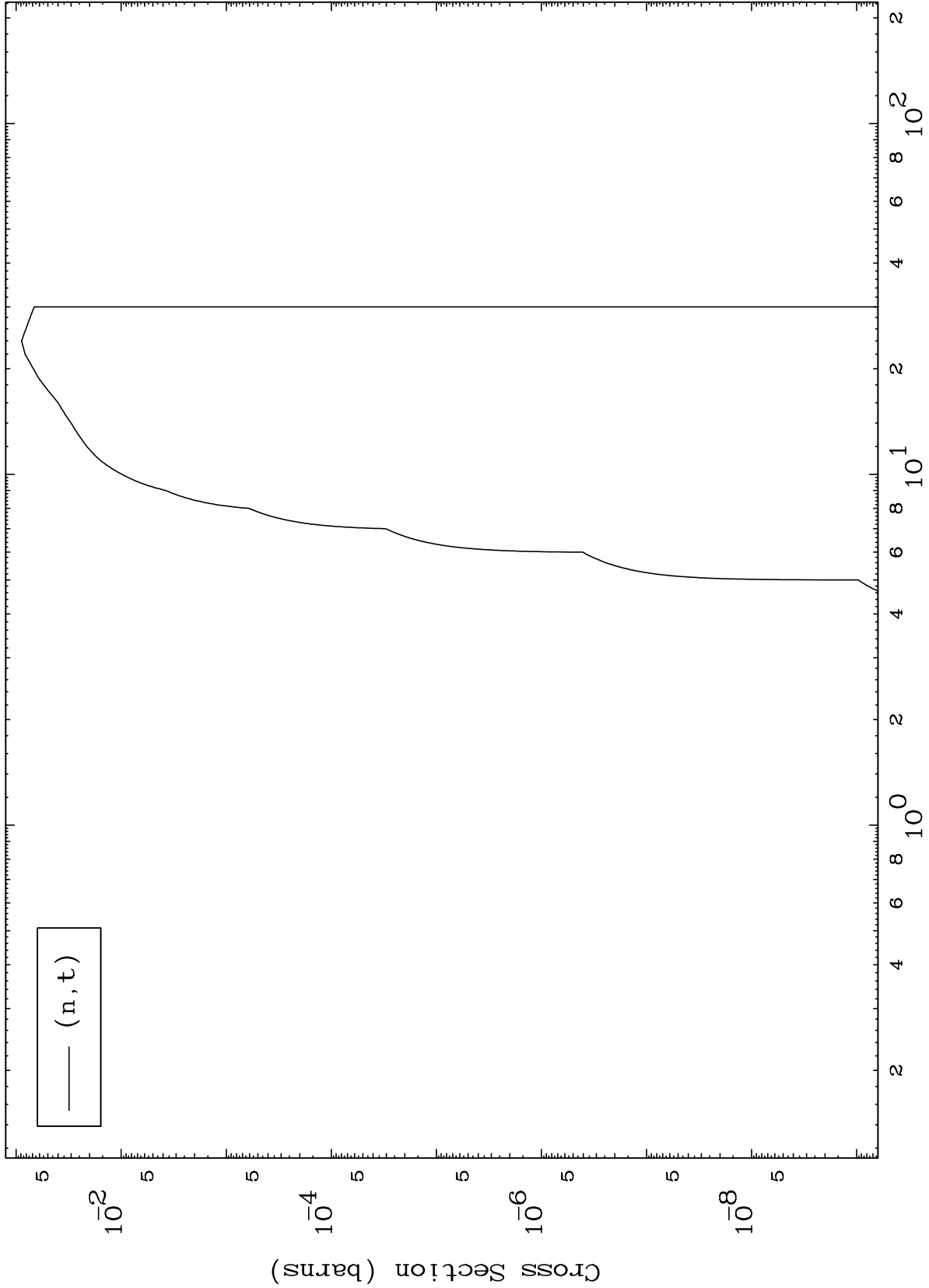


MAT 5922

(t, t) Levels

59-Pr-140

0 Kelvin Cross Sections



(n, t)

10

Incident Energy (MeV)

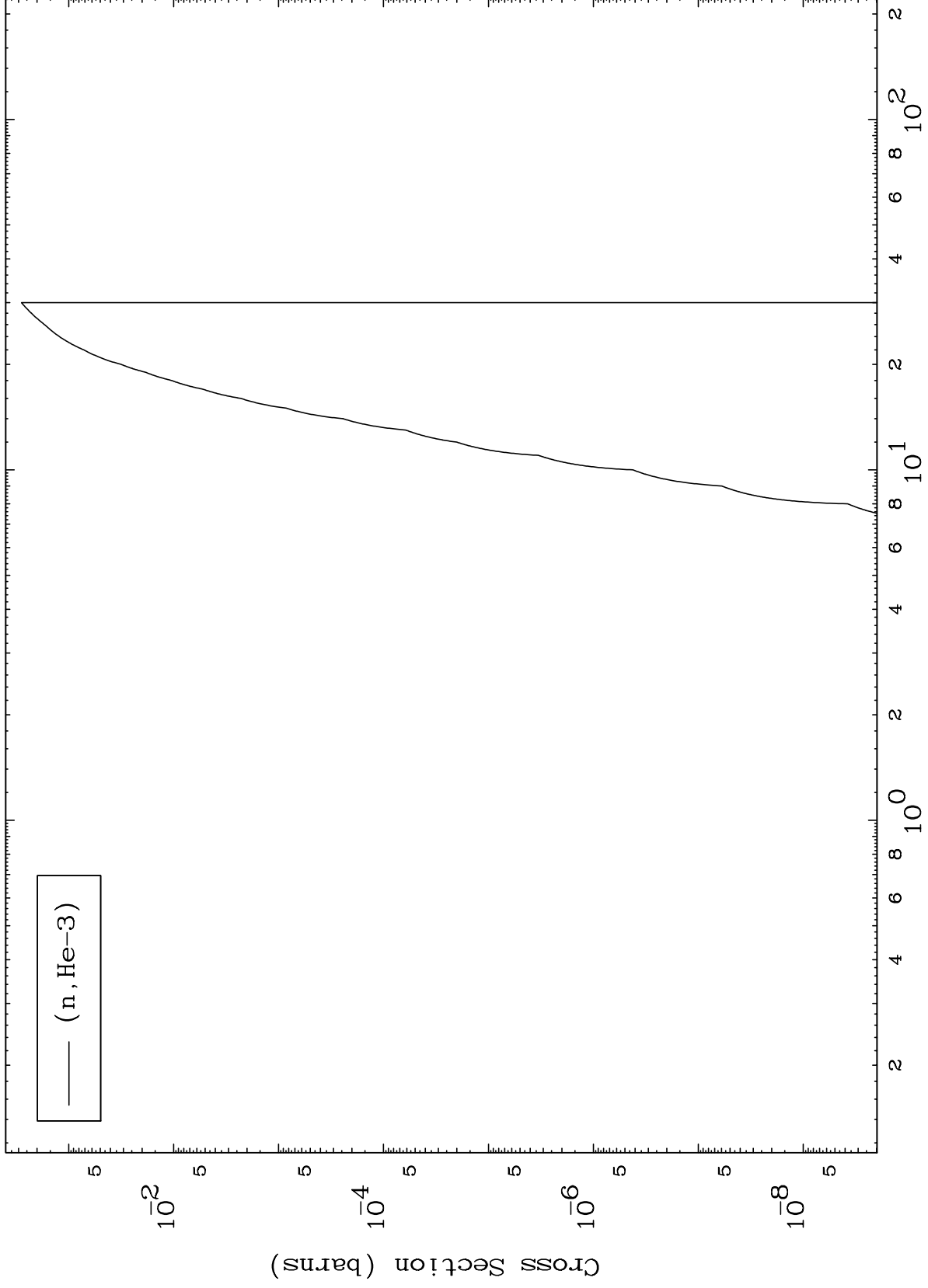
59-Pr-140

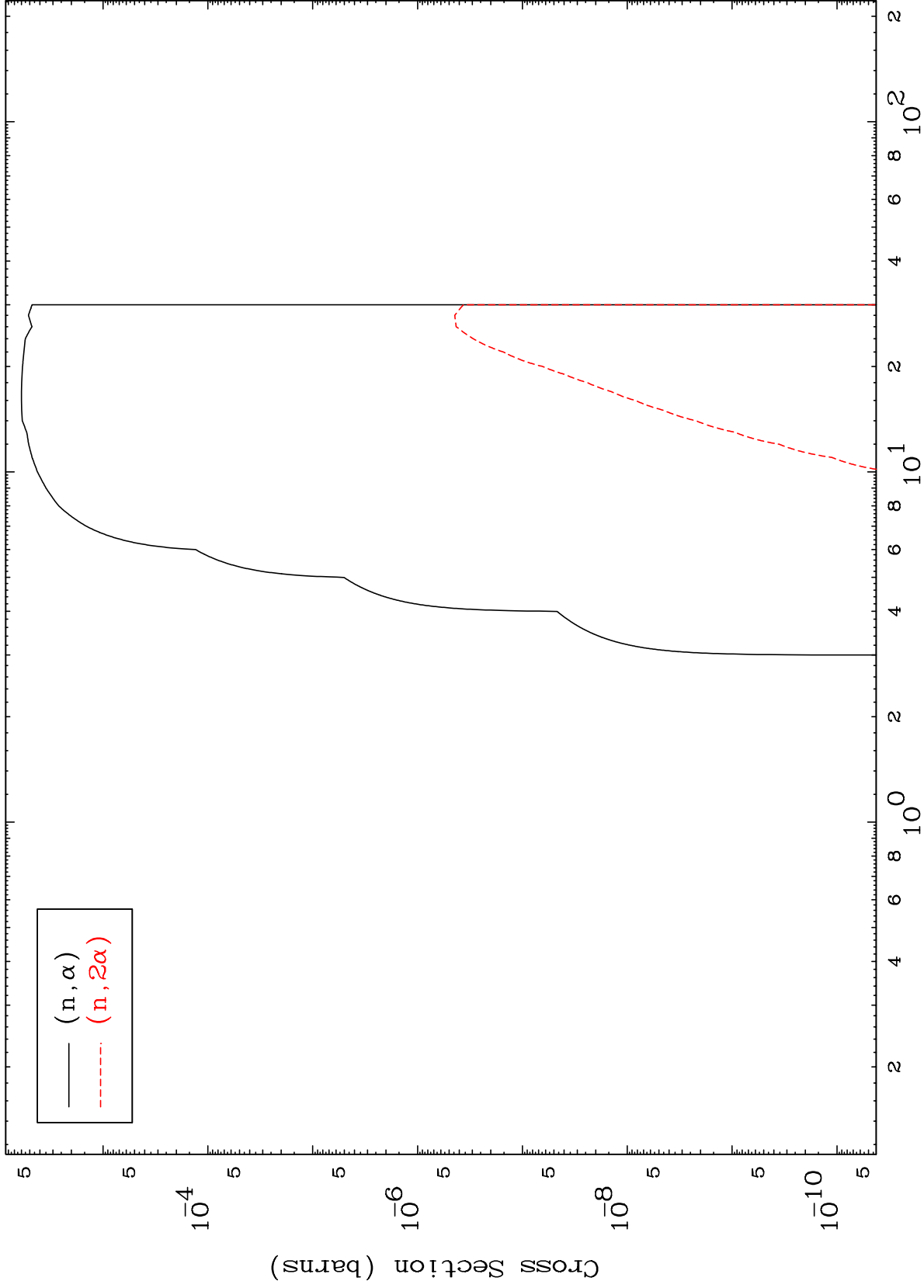
MAT 5922

(t,He3) Levels

59-Pr-140

0 Kelvin Cross Sections

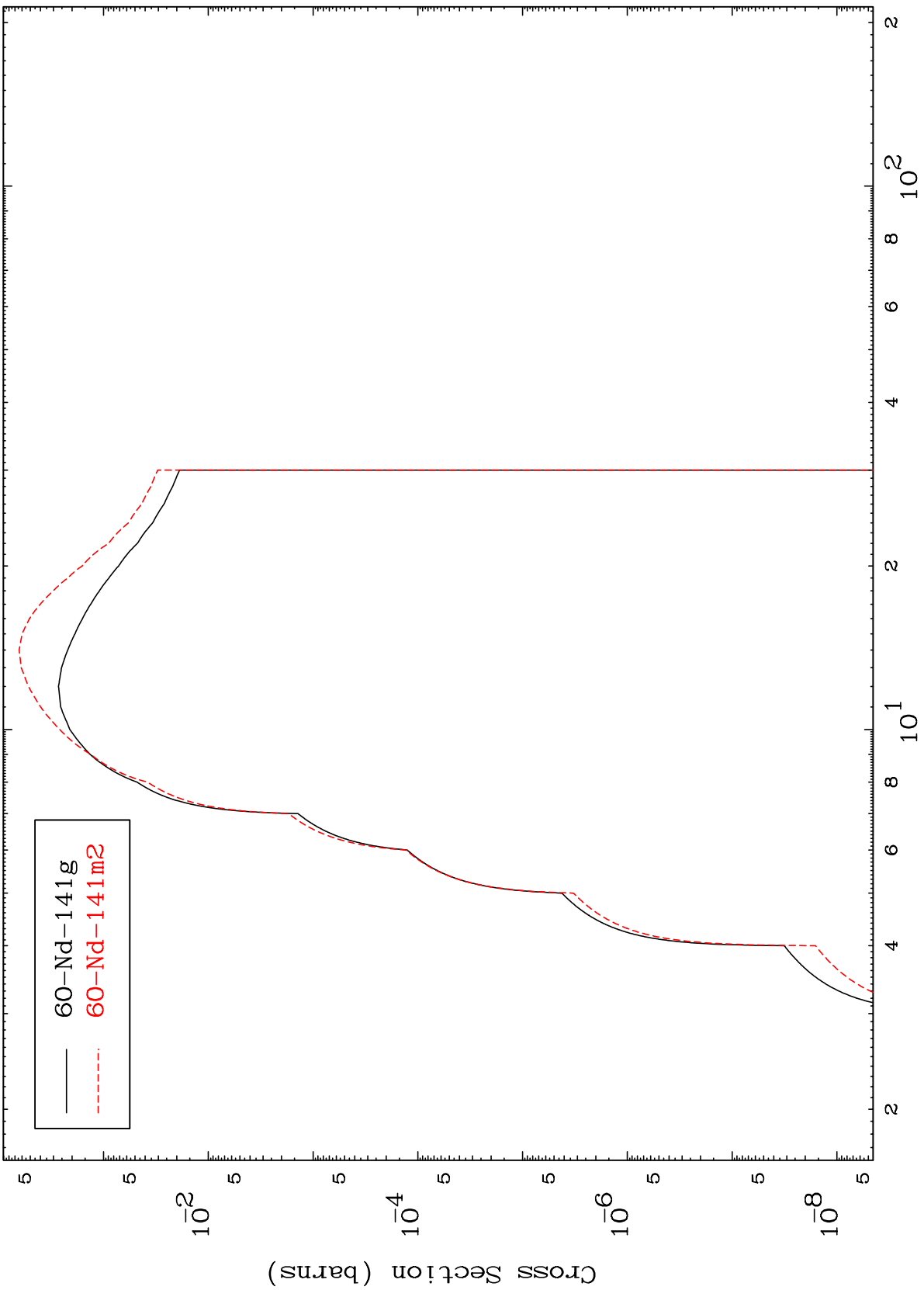




MAT 5922

59-Pr-140

Radionuclide Production Cross Section (n,2n)



13

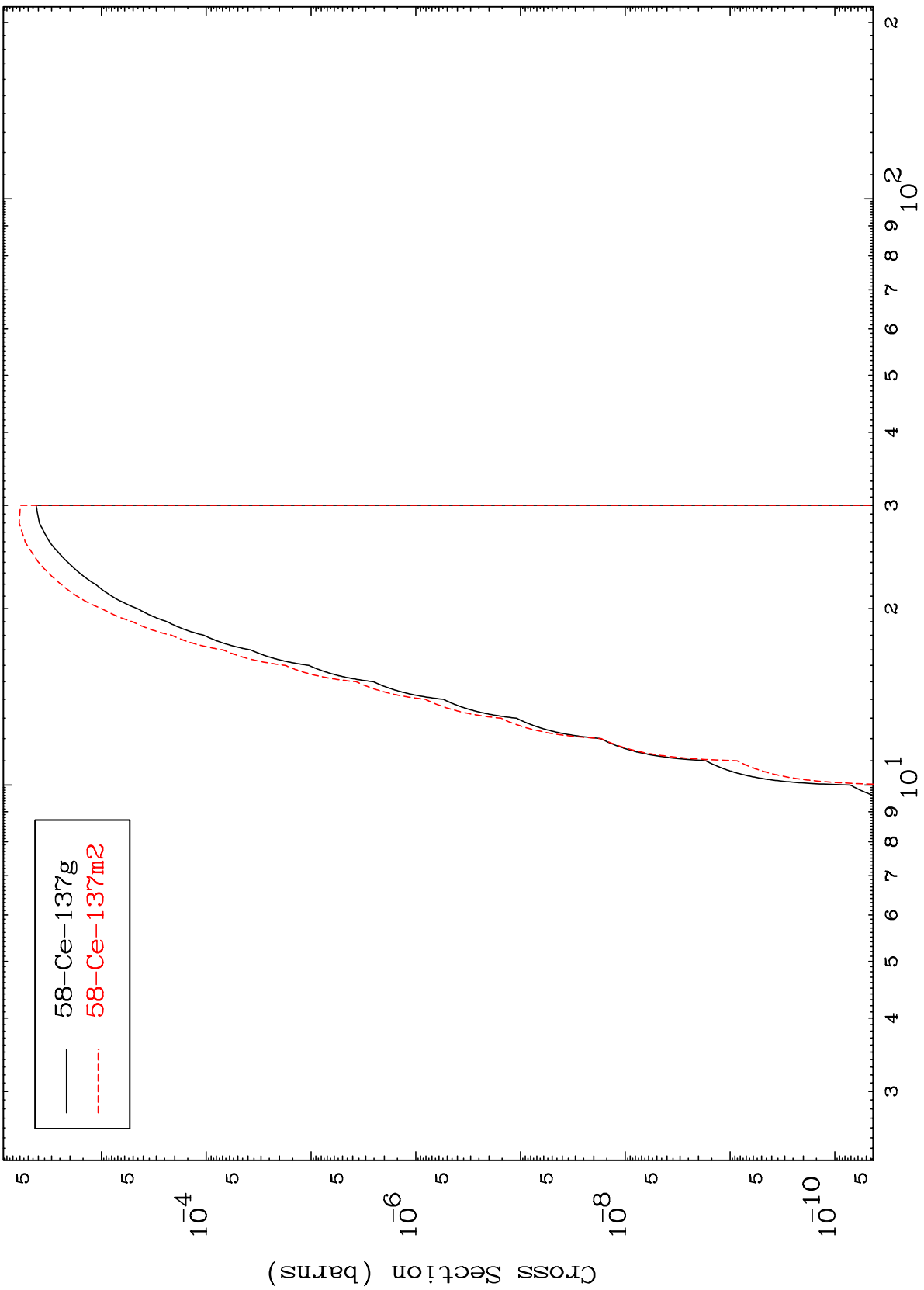
59-Pr-140

MAT 5922

(n,2n) α

59-Pr-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

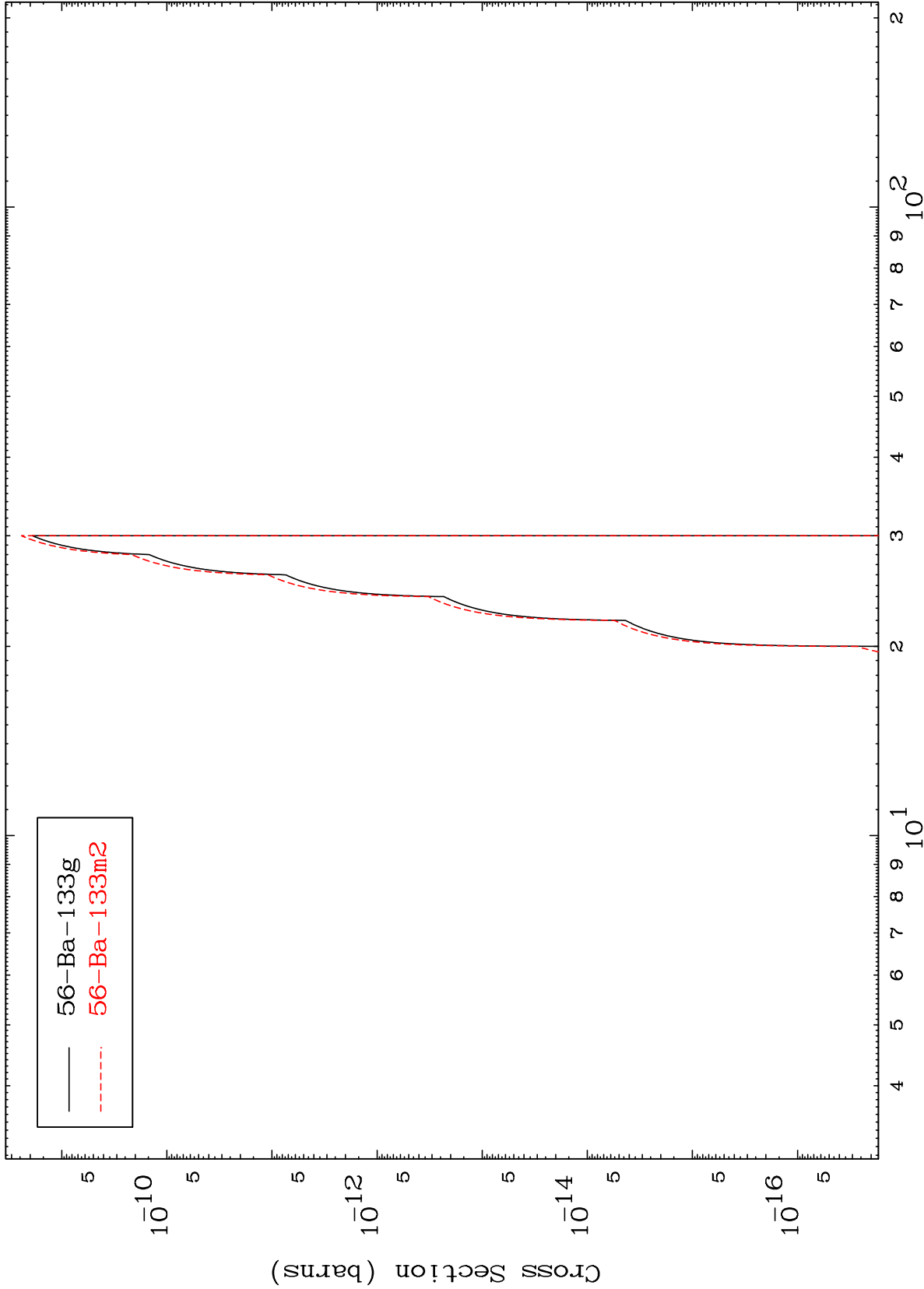
59-Pr-140

MAT 5922

$^{59}\text{Pr-140}$

$^{59}\text{Pr-140}$

Radionuclide Production Cross Section

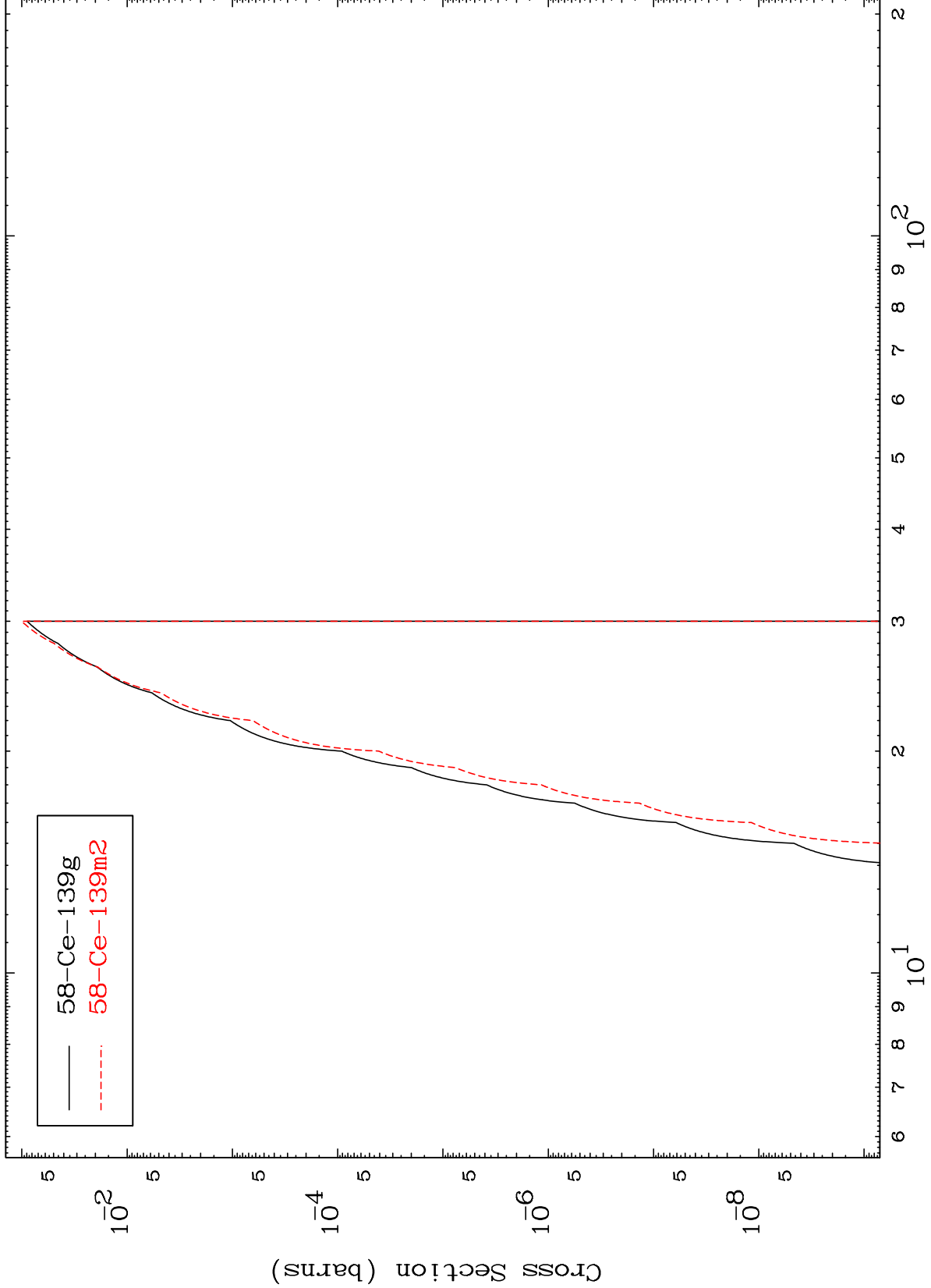


15

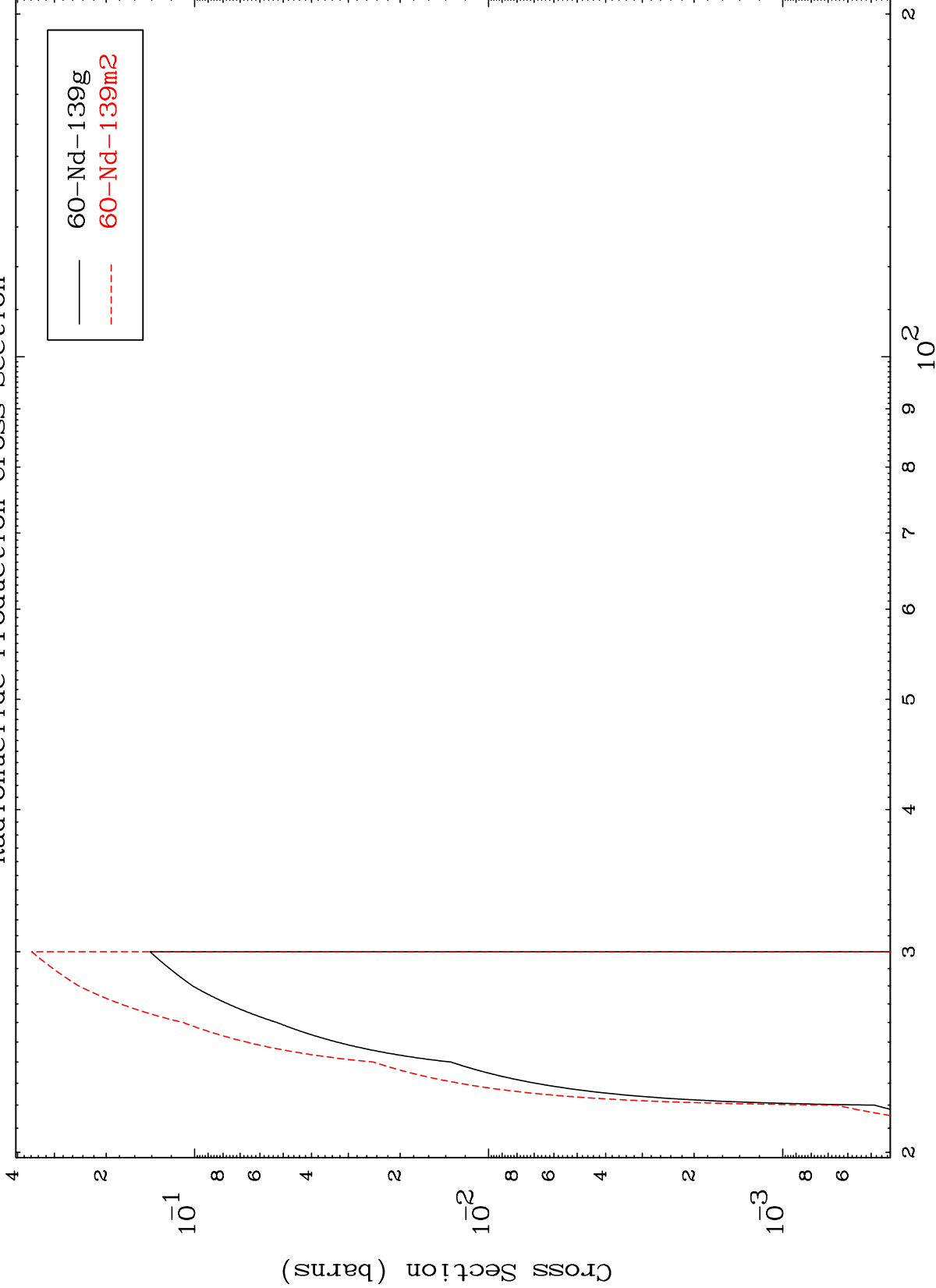
Incident Energy (MeV)

$^{59}\text{Pr-140}$

Radionuclide Production Cross Section



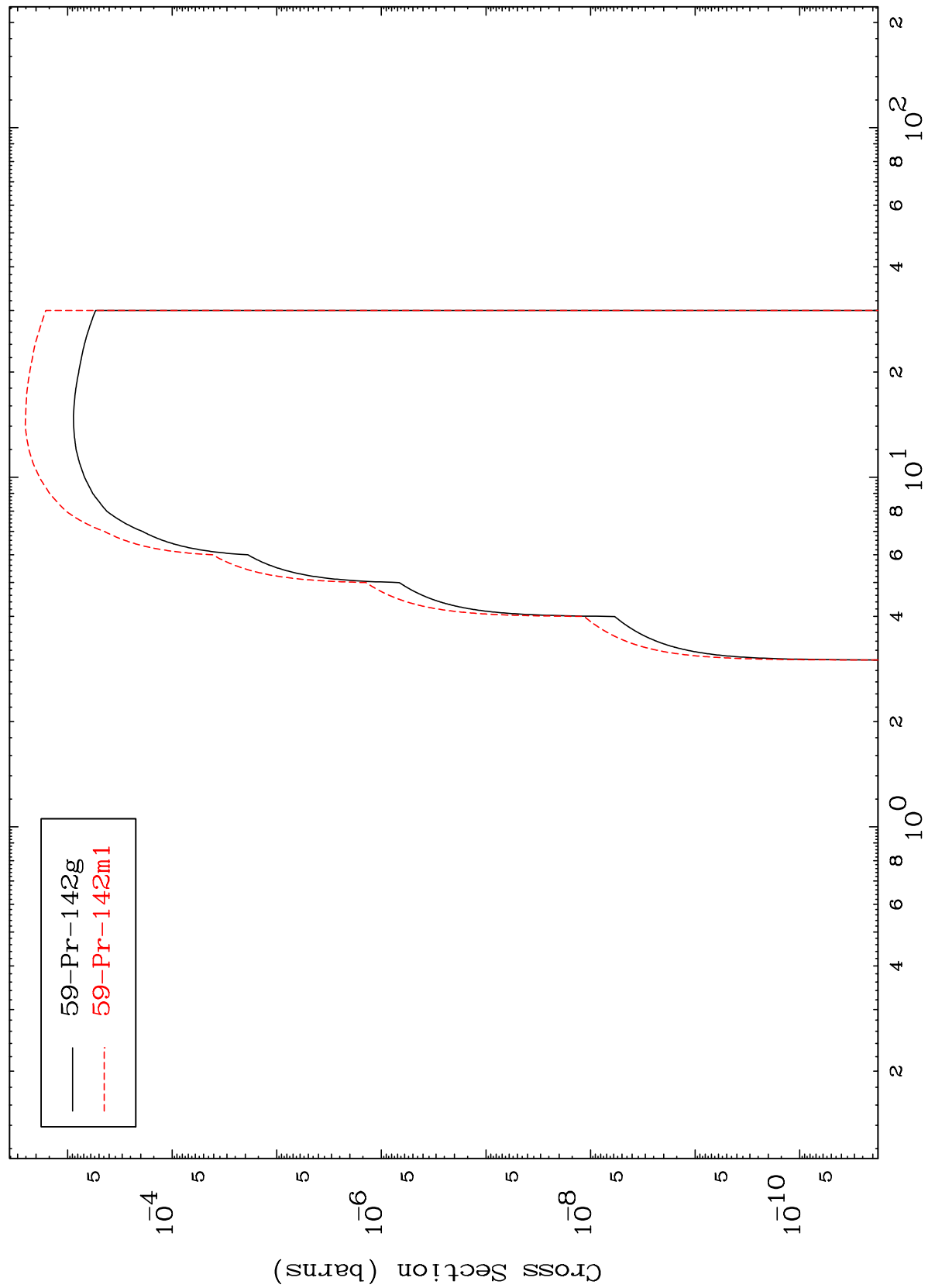
Radionuclide Production Cross Section



MAT 5922

59-Pr-140

(n,p)
Radionuclide Production Cross Section



59-Pr-140

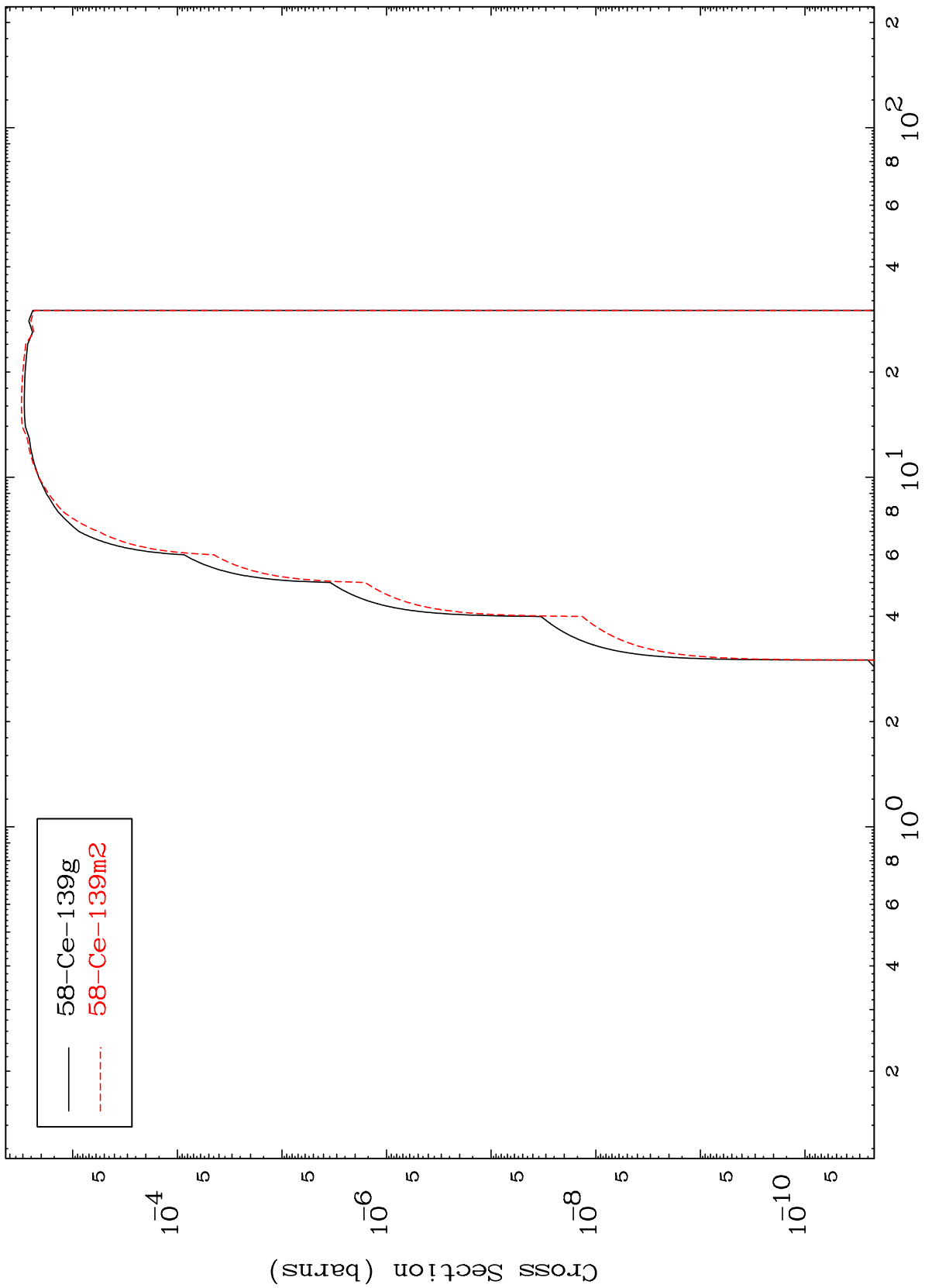
Incident Energy (MeV)

18

MAT 5922

59-Pr-140

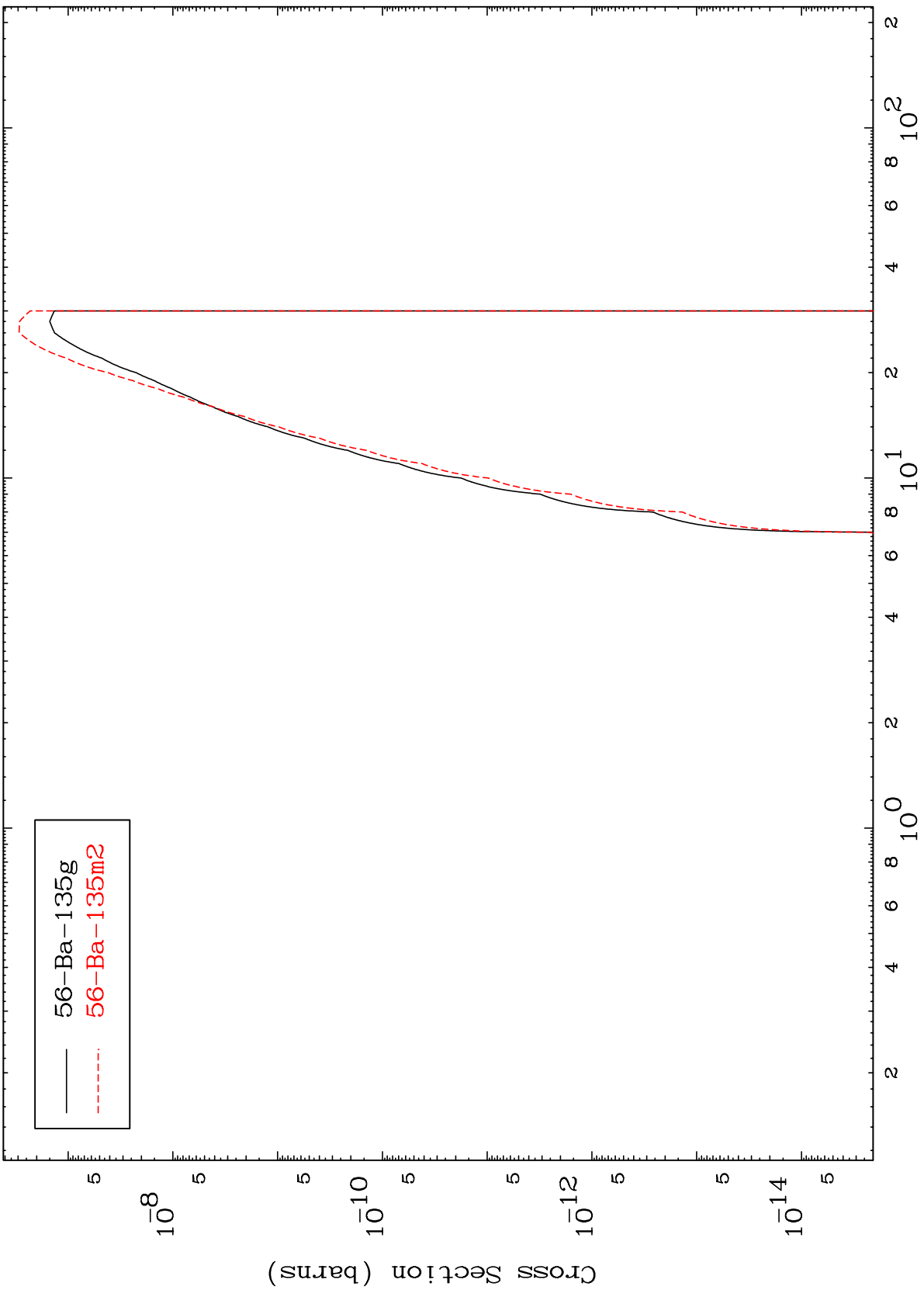
(n, α)
Radionuclide Production Cross Section



MAT 5922

59-Pr-140

(n,2α)
Radionuclide Production Cross Section



— 56-Ba-135g
- - - 56-Ba-135m2

59-Pr-140

Incident Energy (MeV)

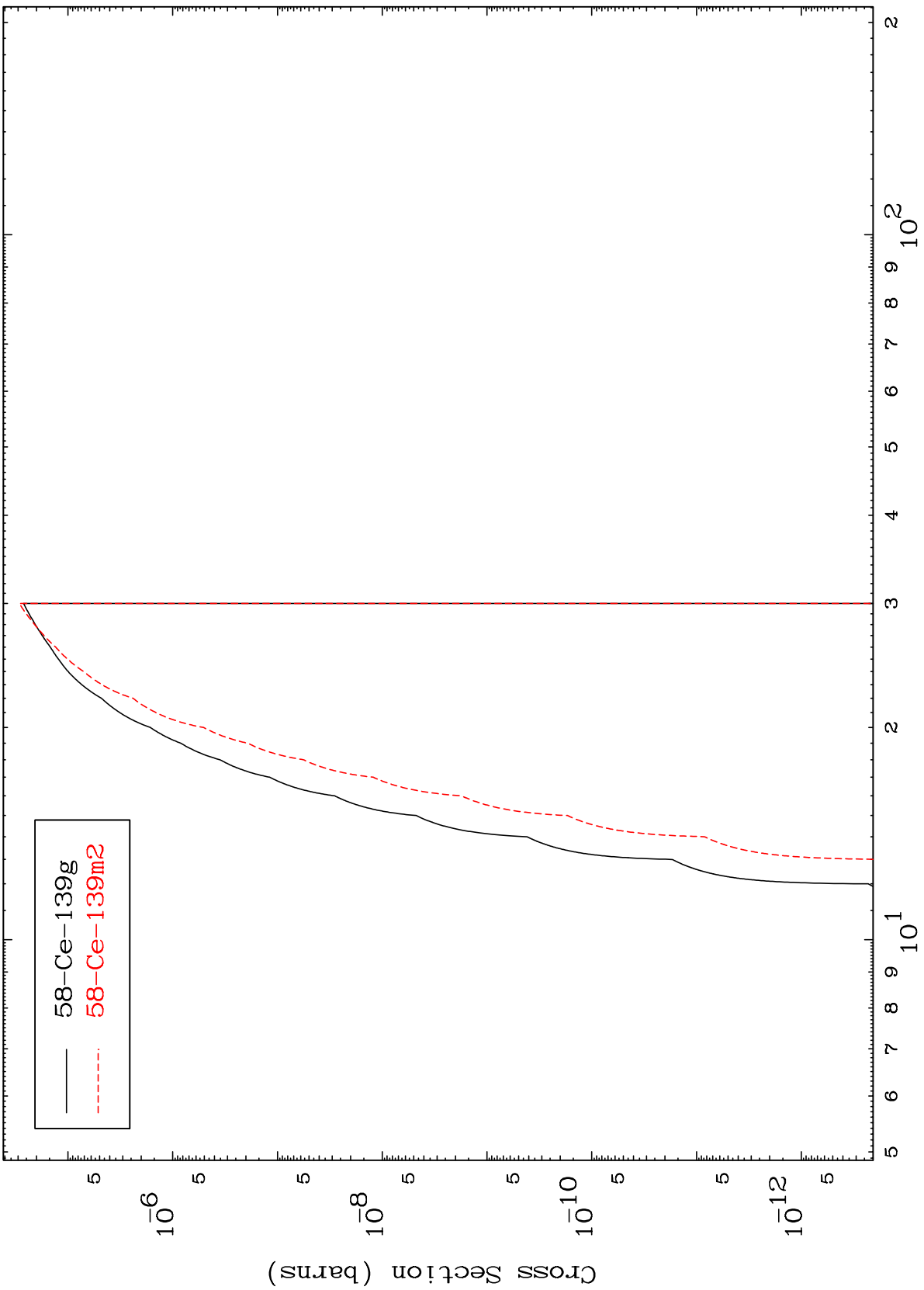
20

MAT 5922

(n,p) t

59-Pr-140

Radionuclide Production Cross Section



21

Incident Energy (MeV)

59-Pr-140