

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

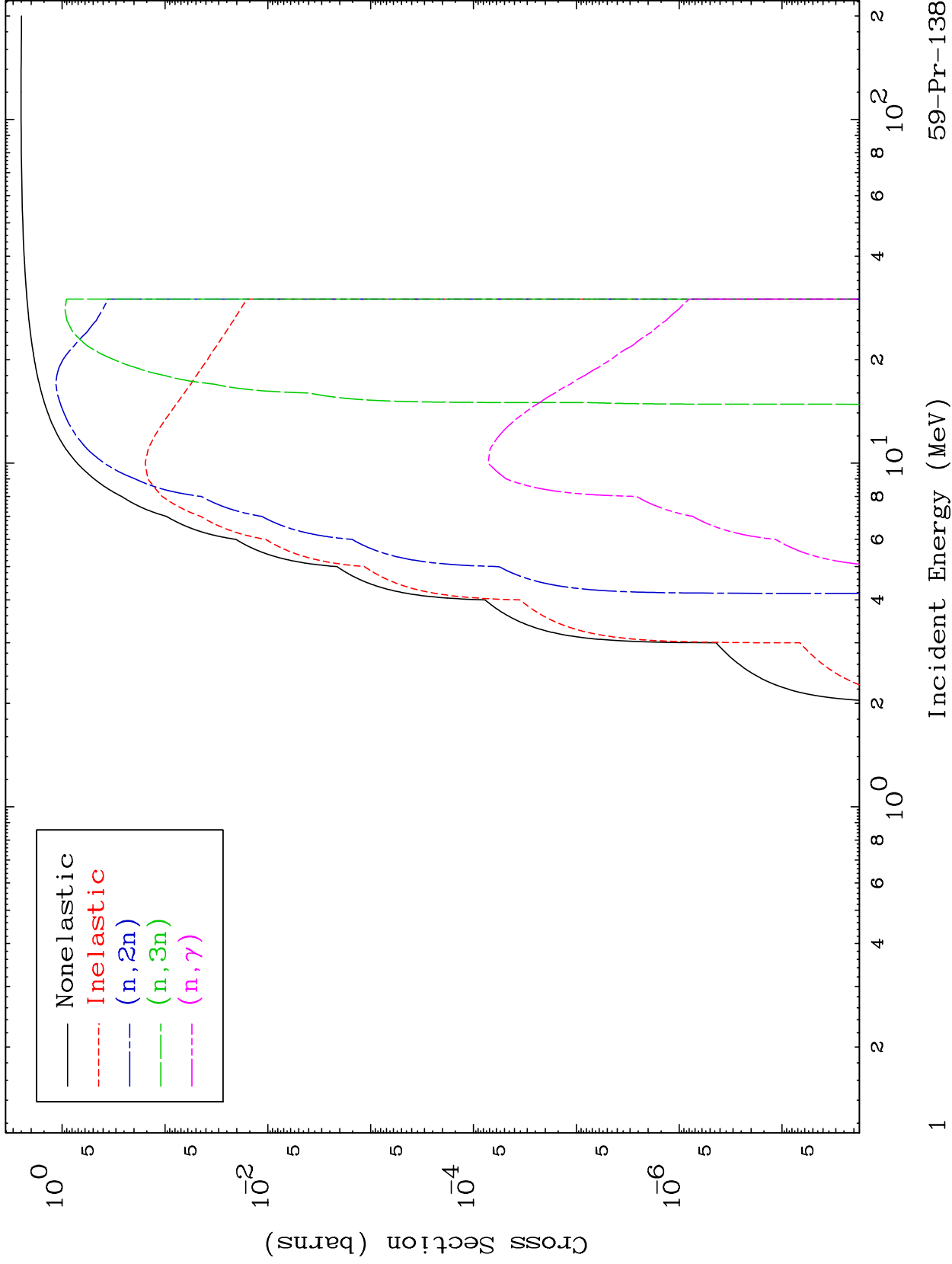
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

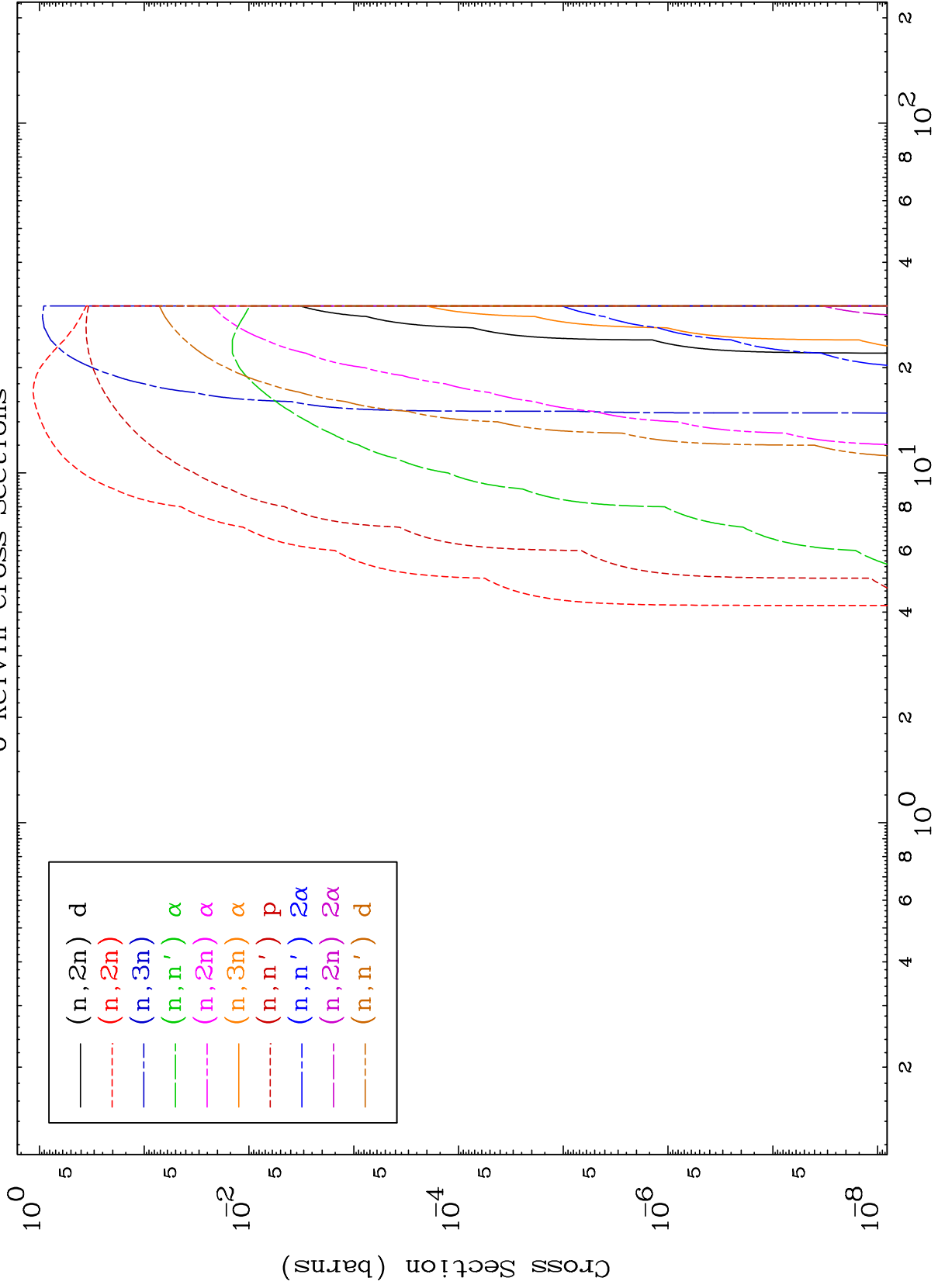
Tele: 925-443-1911

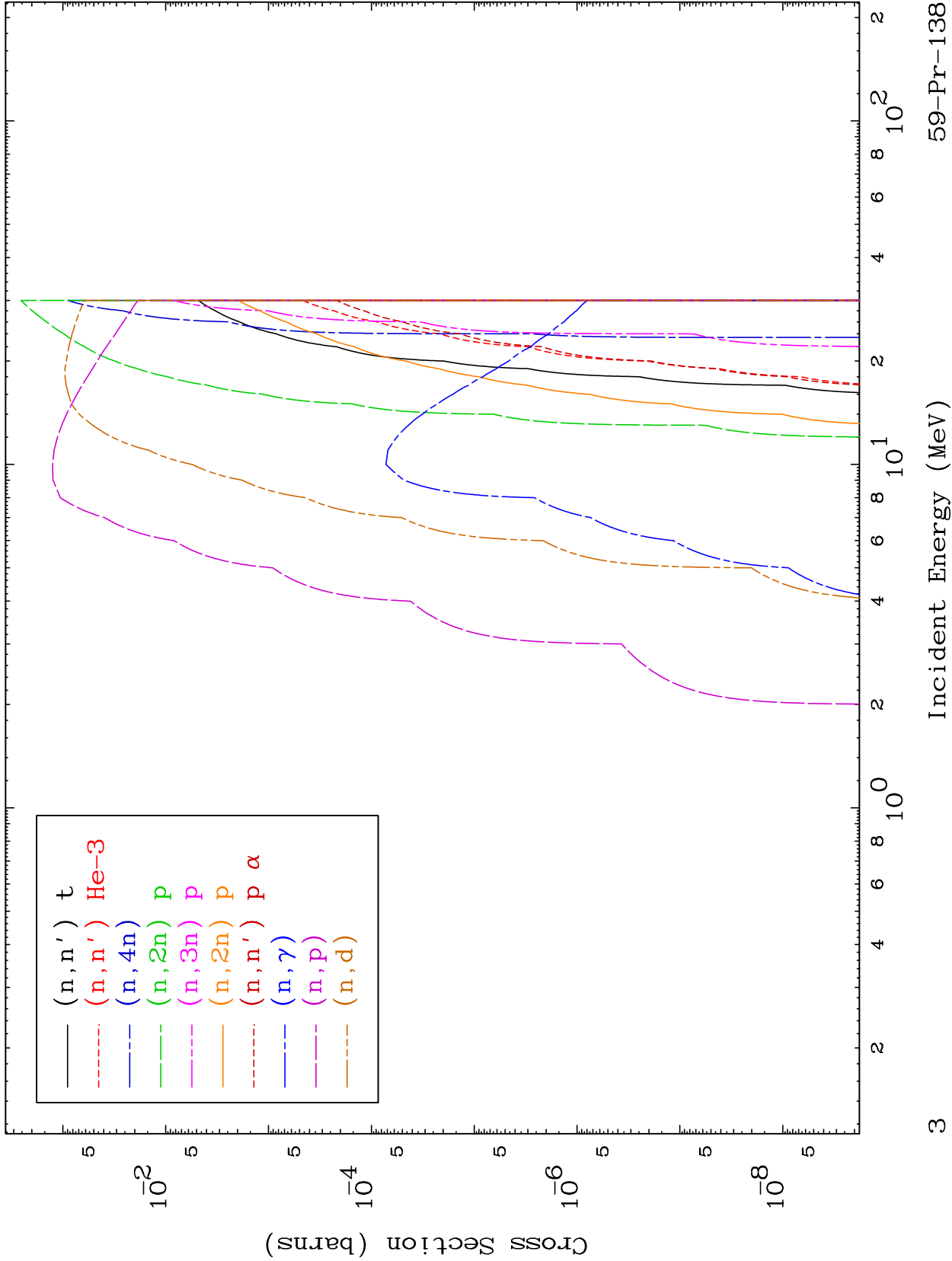
E.Mail:redcullen1@comcast.net

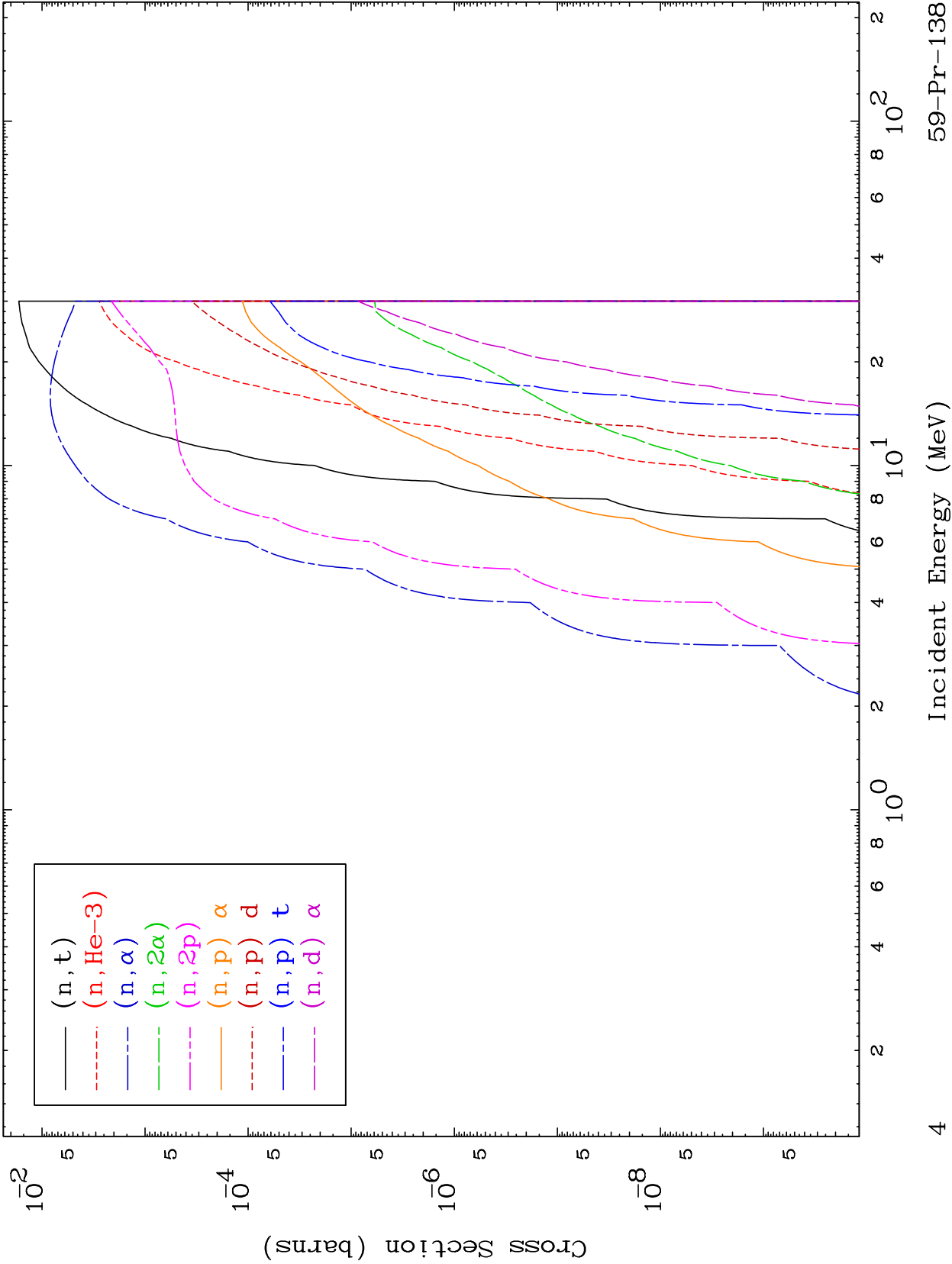
Web:redcullen1.net/HOMEPAGE.NEW

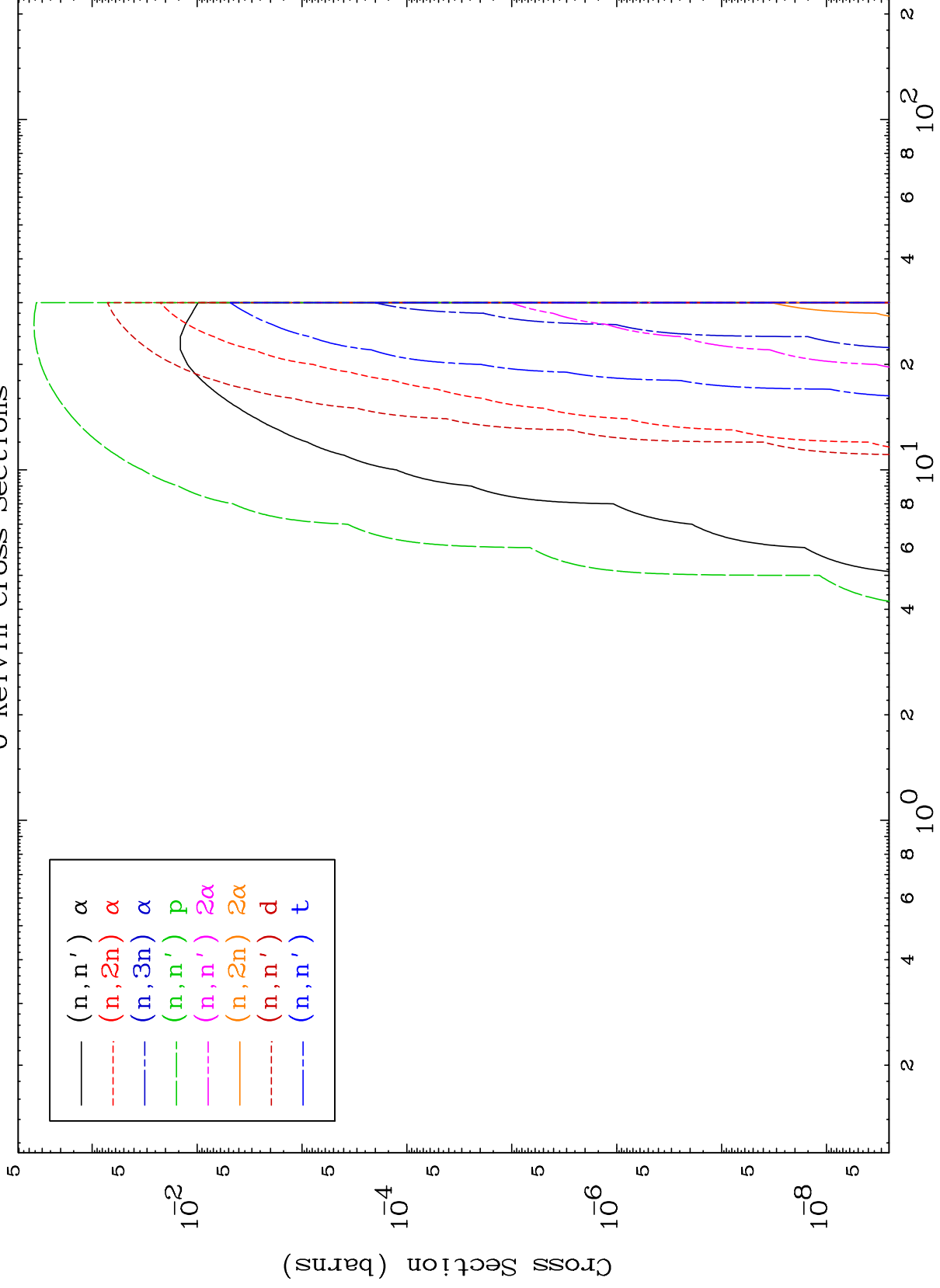
Press Mouse Button to Start

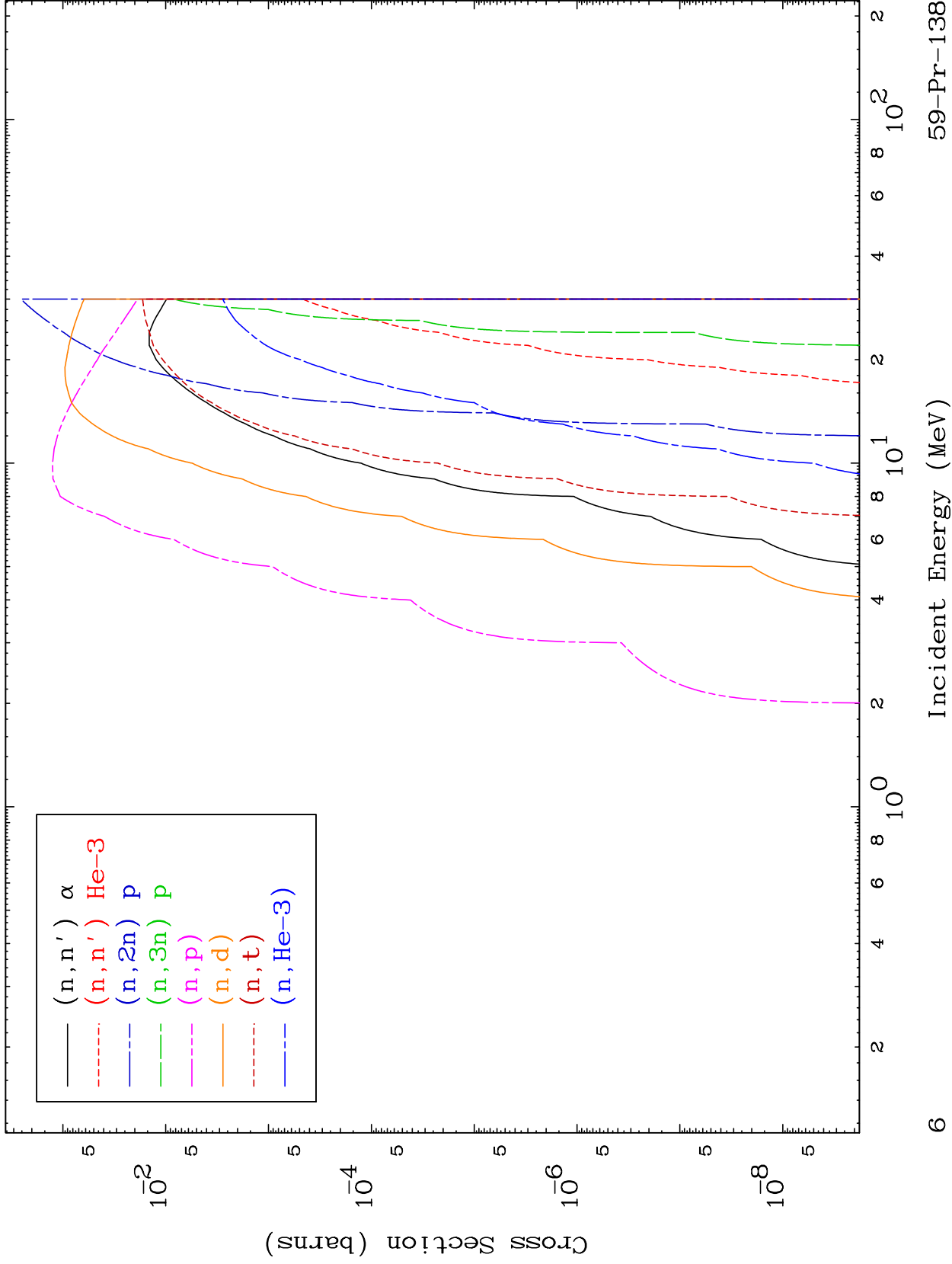


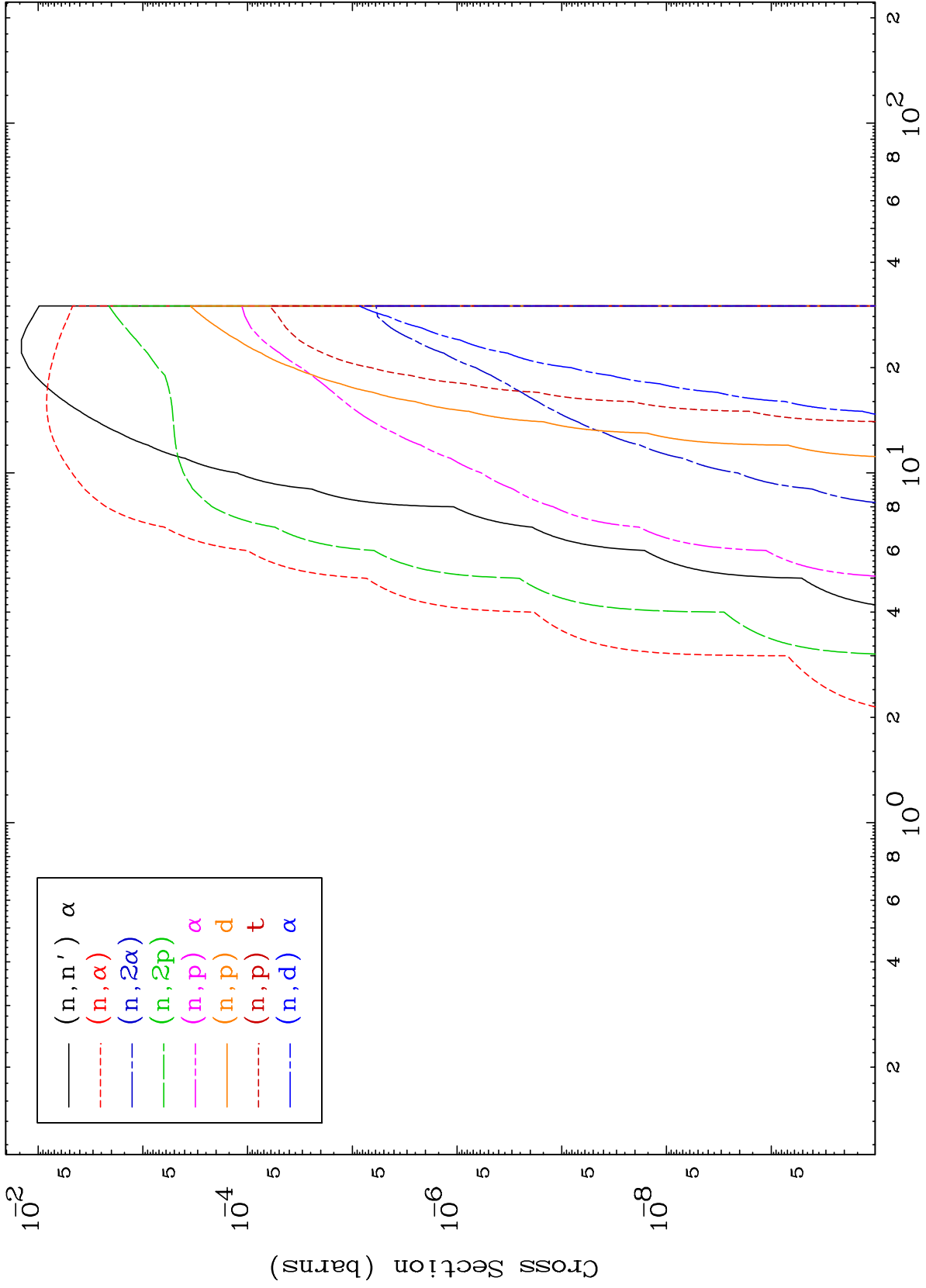










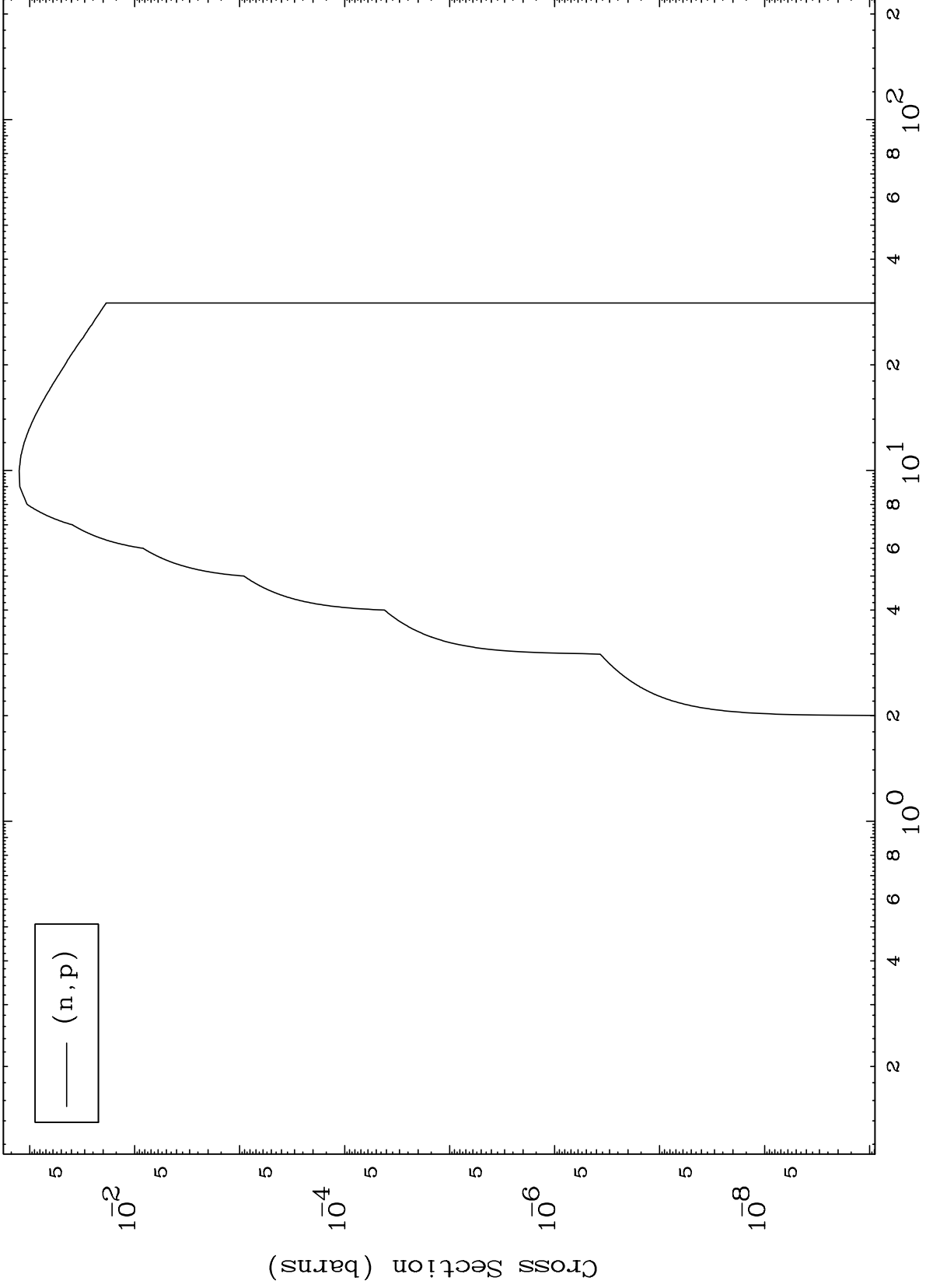


MAT 5916

(d,p) Levels

59-Pr-138

0 Kelvin Cross Sections

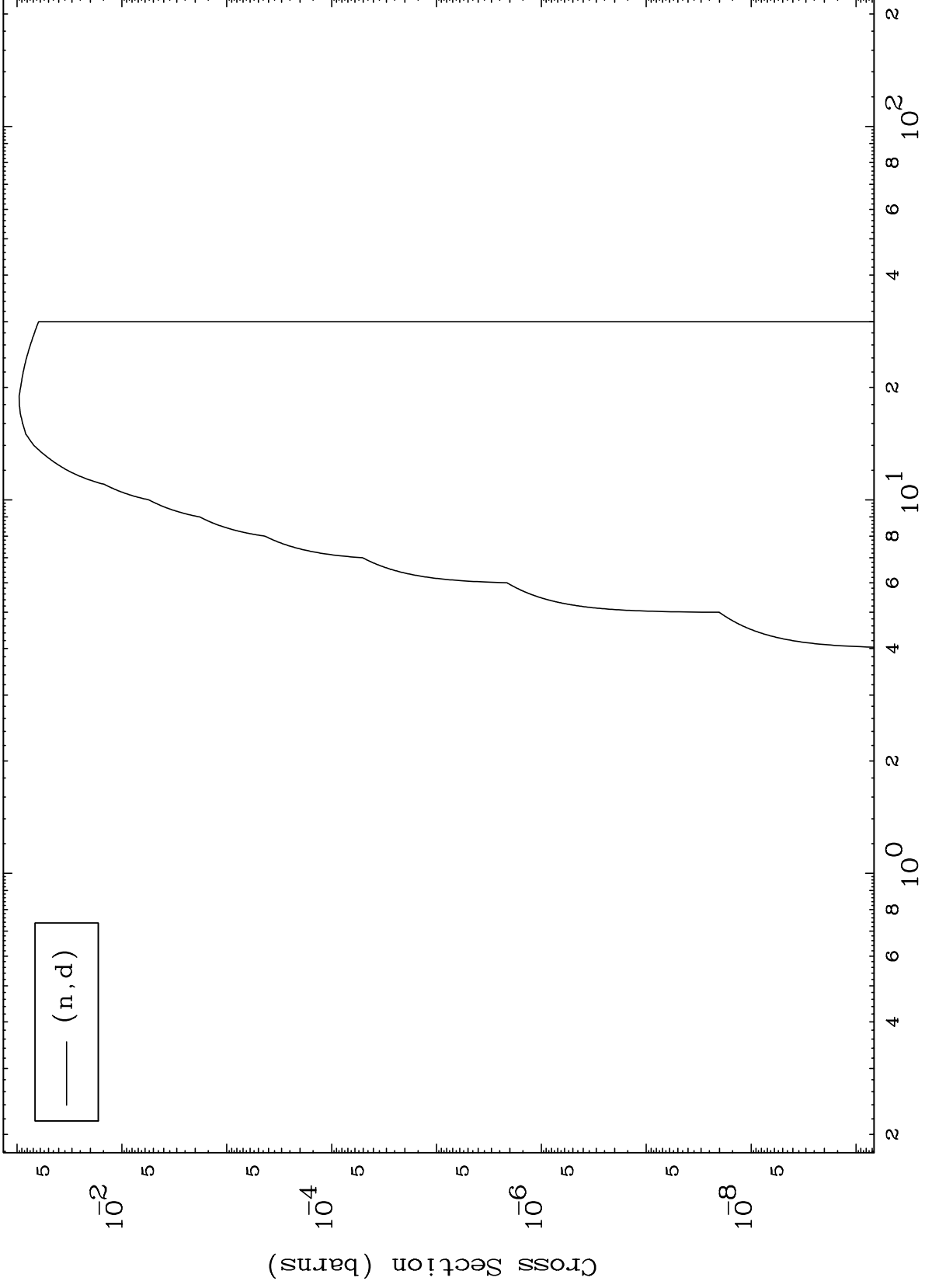


MAT 5916

(d,d) Levels

59-Pr-138

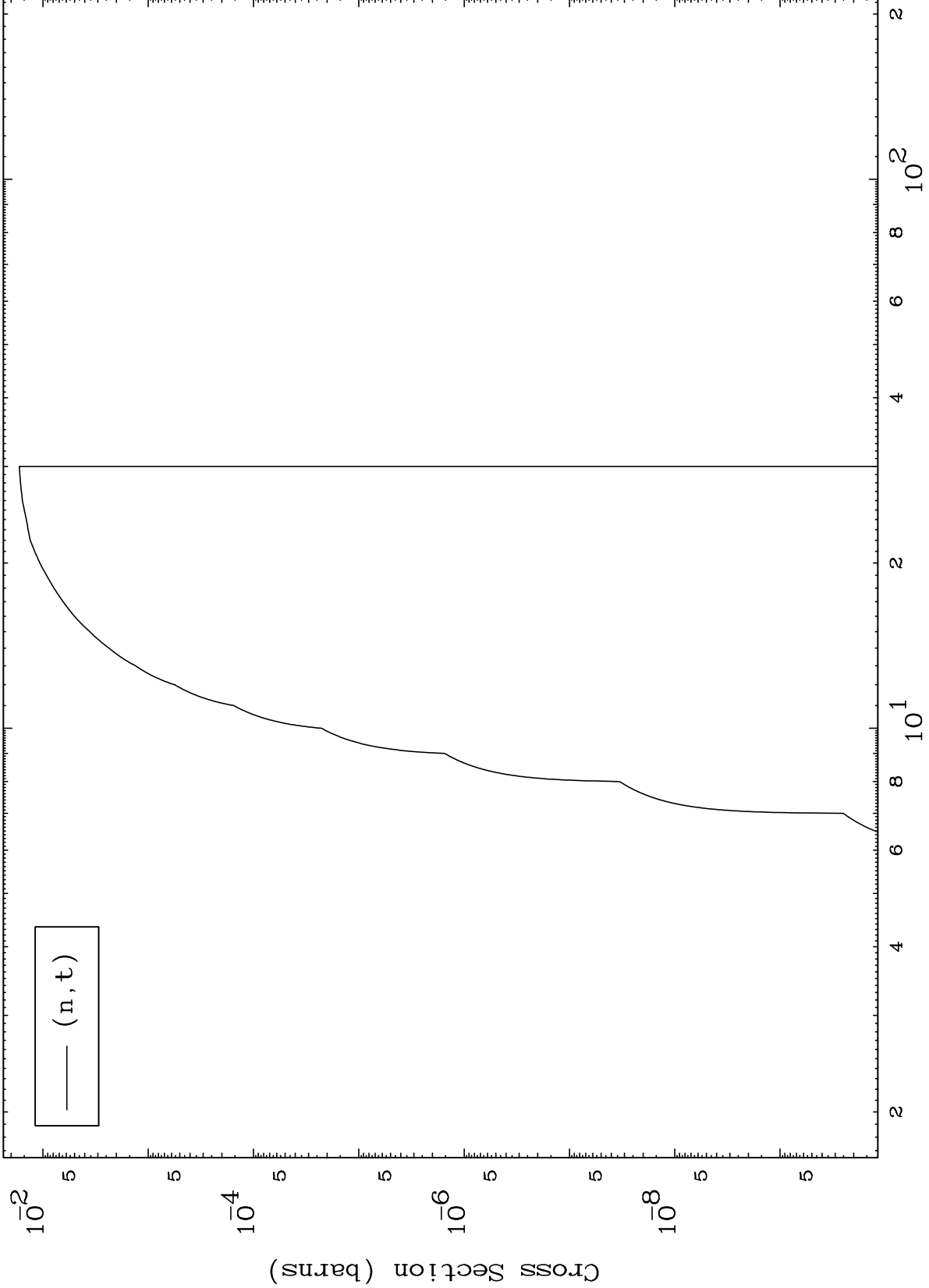
0 Kelvin Cross Sections



MAT 5916

(d,t) Levels
0 Kelvin Cross Sections

59-Pr-138

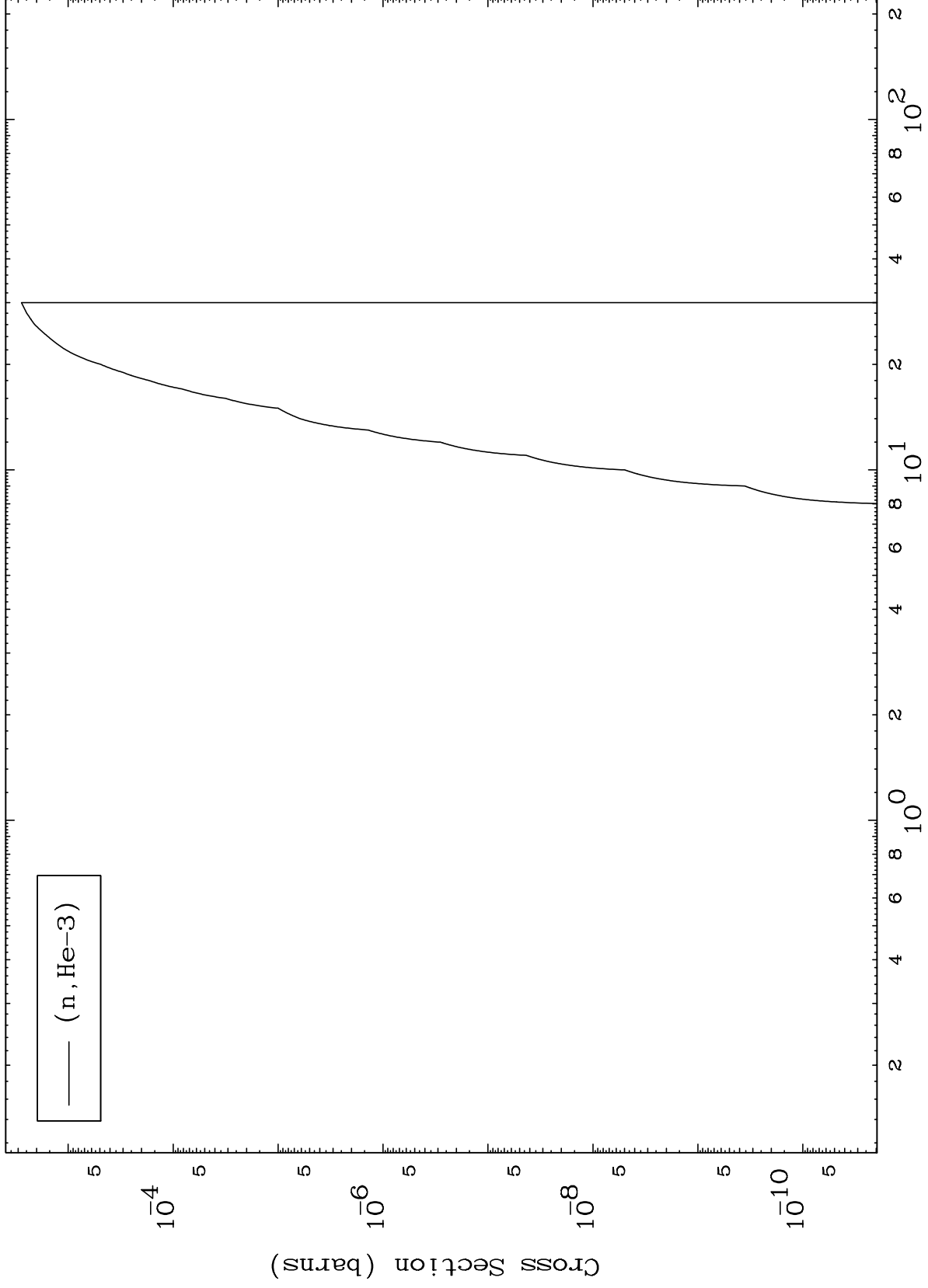


10

Incident Energy (MeV)

59-Pr-138

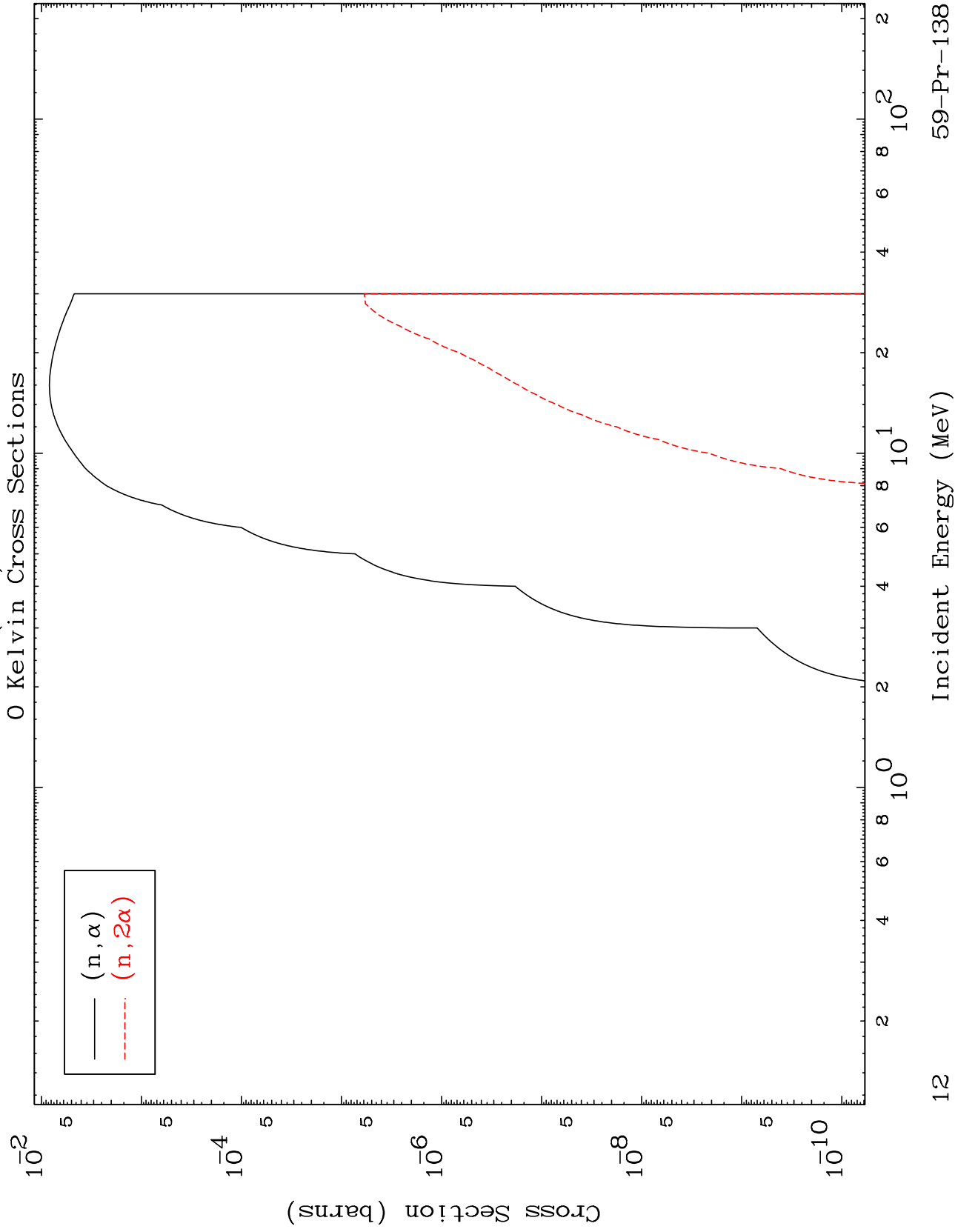
0 Kelvin Cross Sections



MAT 5916

(d, α) Levels

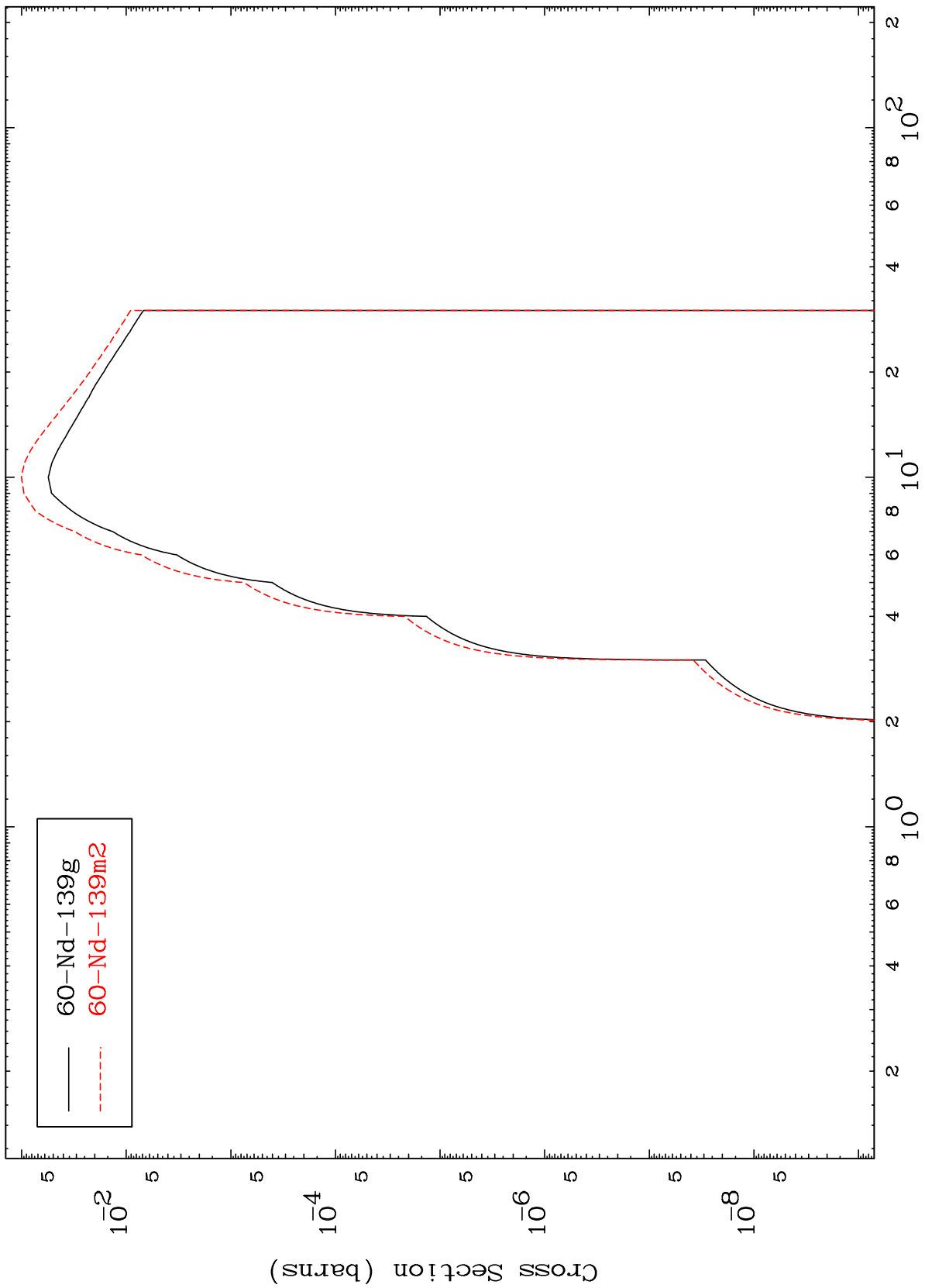
59-Pr-138



MAT 5916

59-Pr-138

Radionuclide Production Cross Section



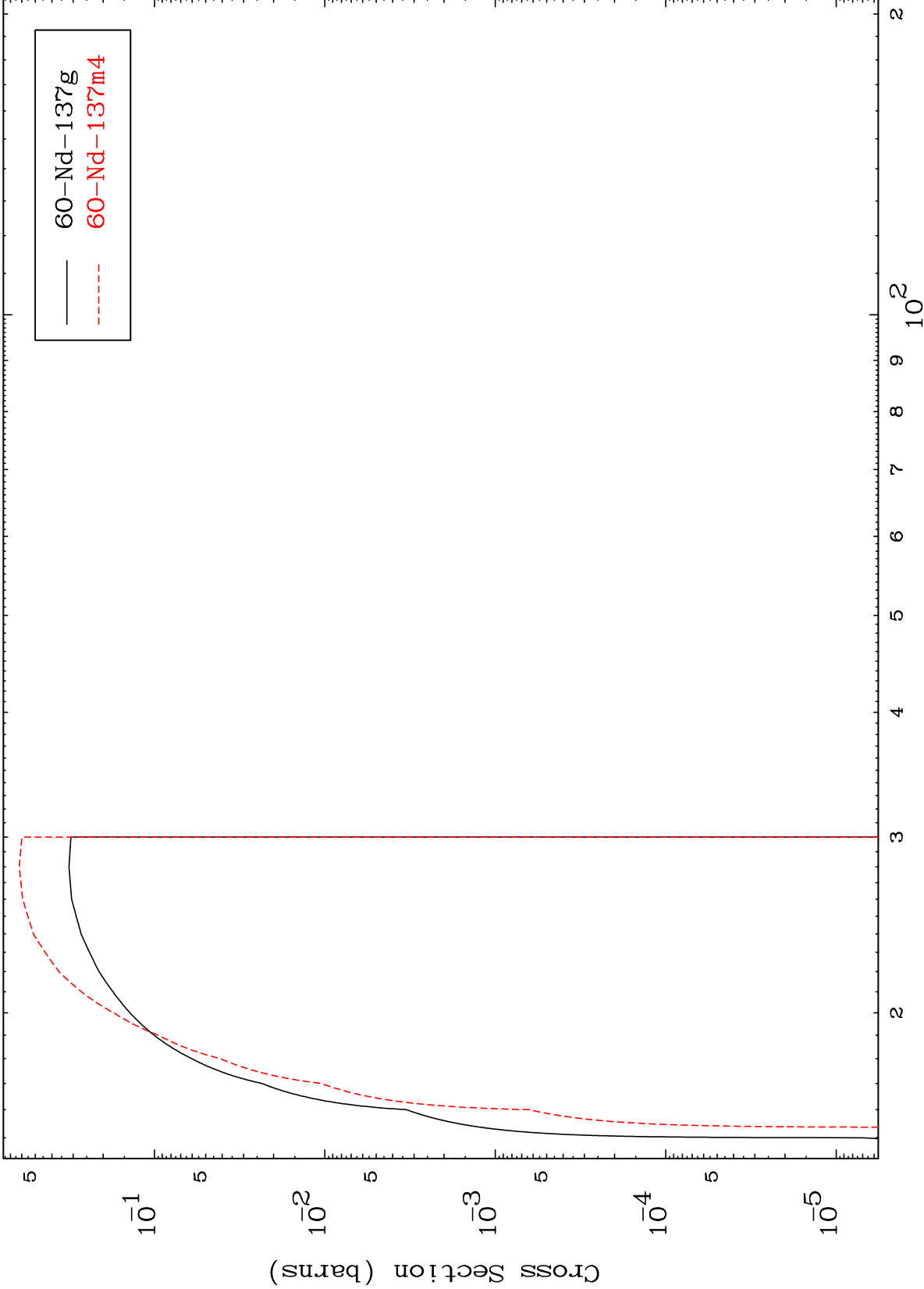
60-Nd-139g
60-Nd-139m2

59-Pr-138

Incident Energy (MeV)

13

Radionuclide Production Cross Section

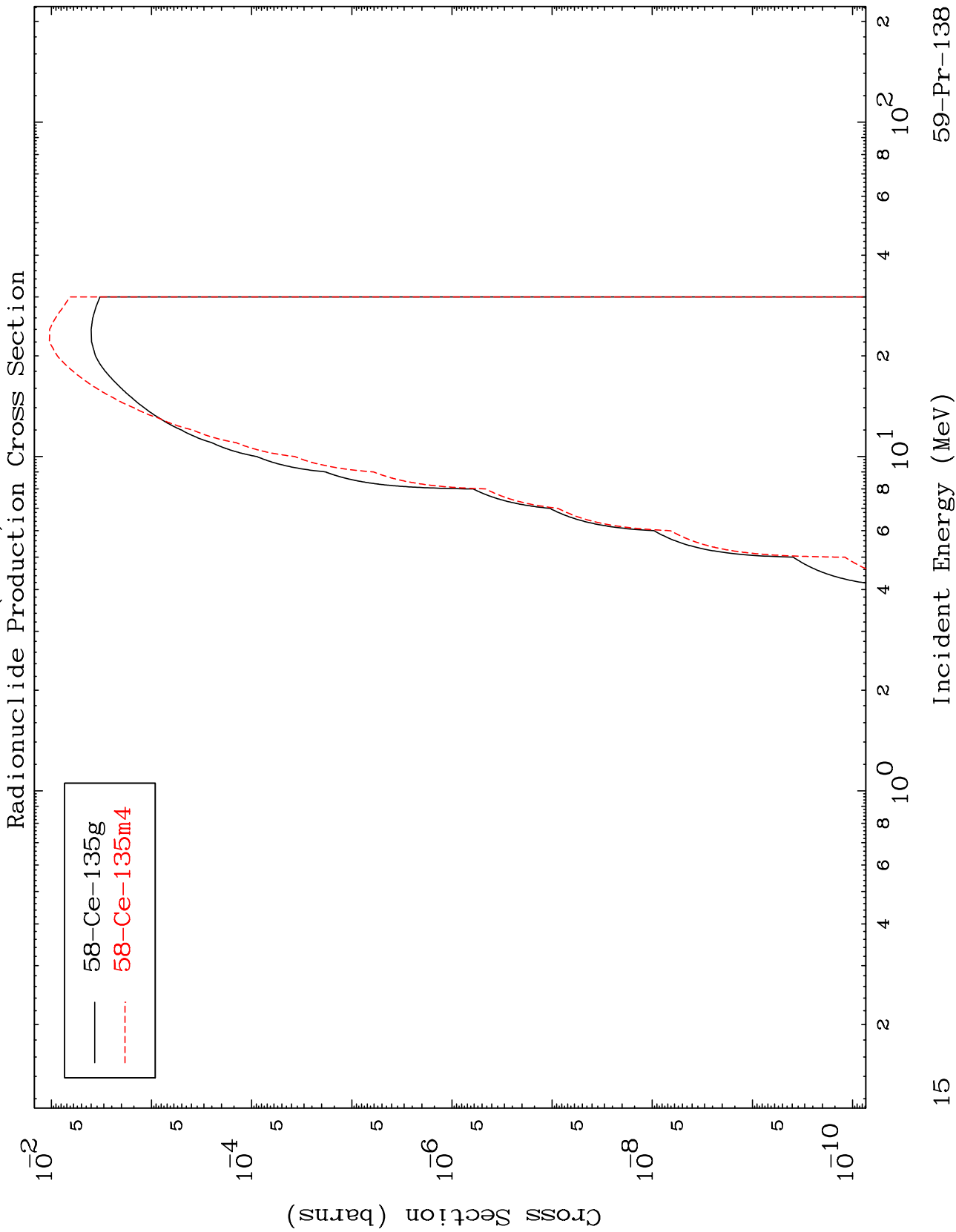


60-Nd-137g
60-Nd-137m4

MAT 5916

$(n, n') \alpha$

59-Pr-138

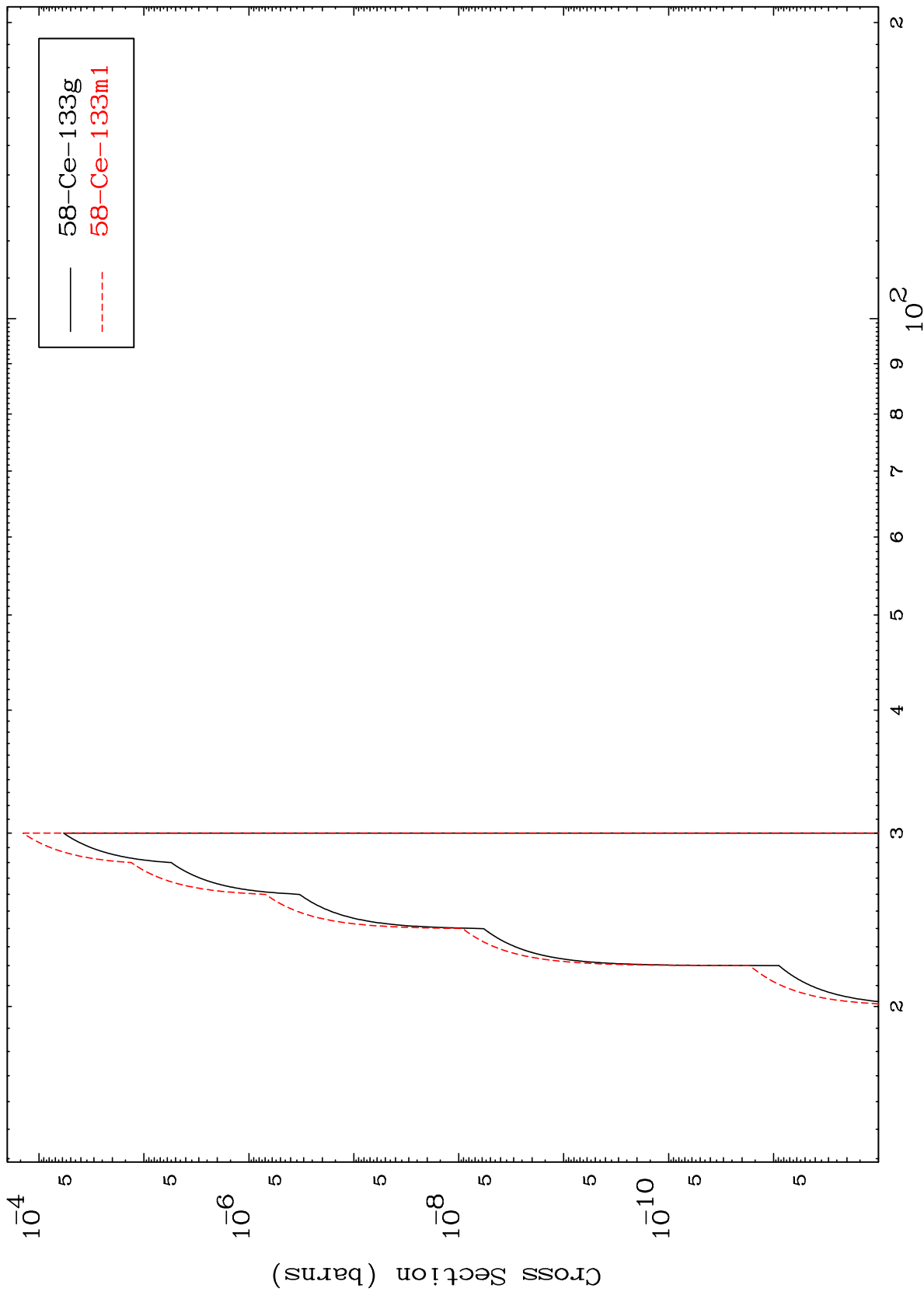


MAT 5916

(n,3n) α

59-Pr-138

Radionuclide Production Cross Section



16

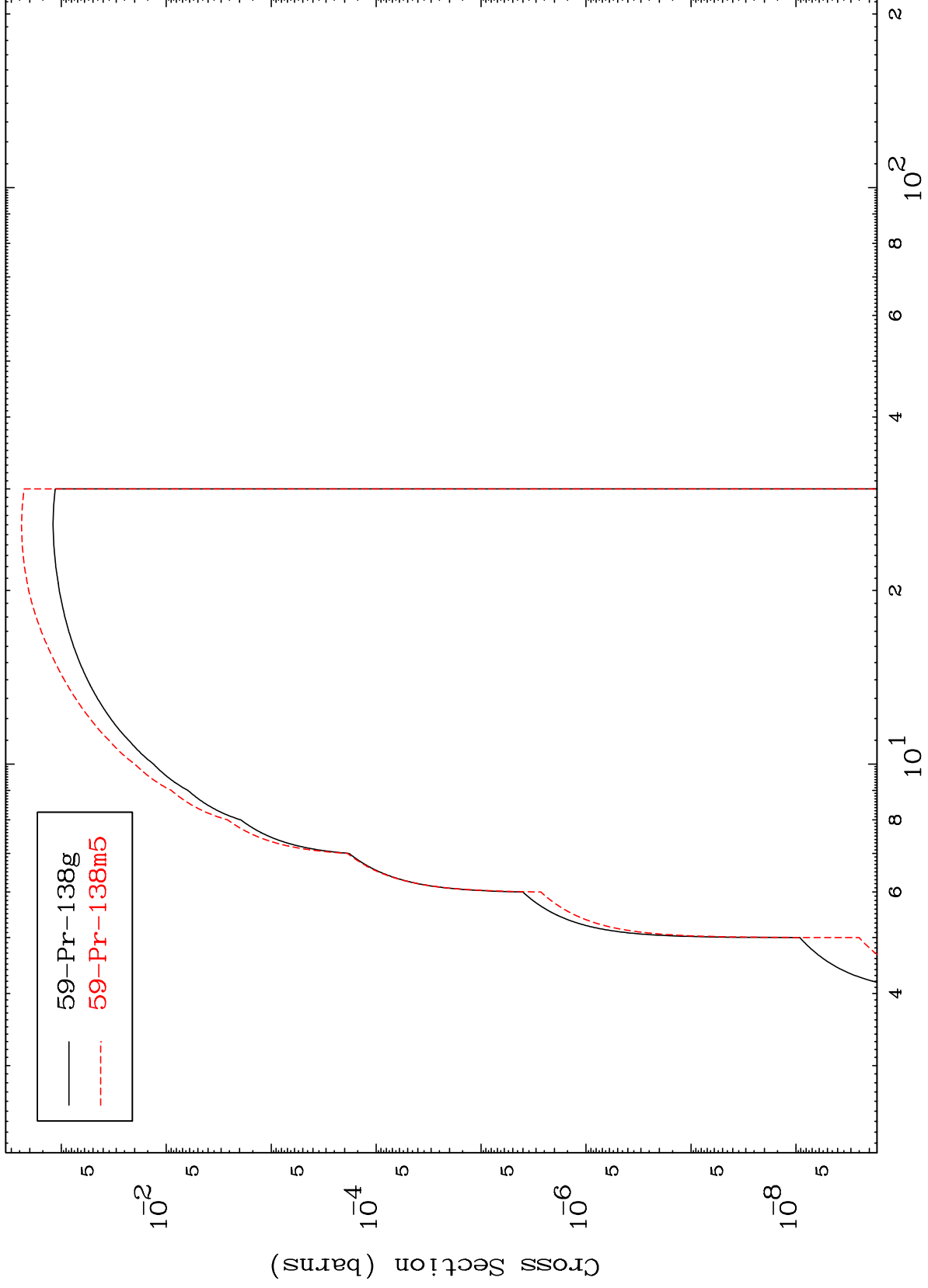
Incident Energy (MeV)

59-Pr-138

MAT 5916

59-Pr-138

(n,n') p
Radionuclide Production Cross Section

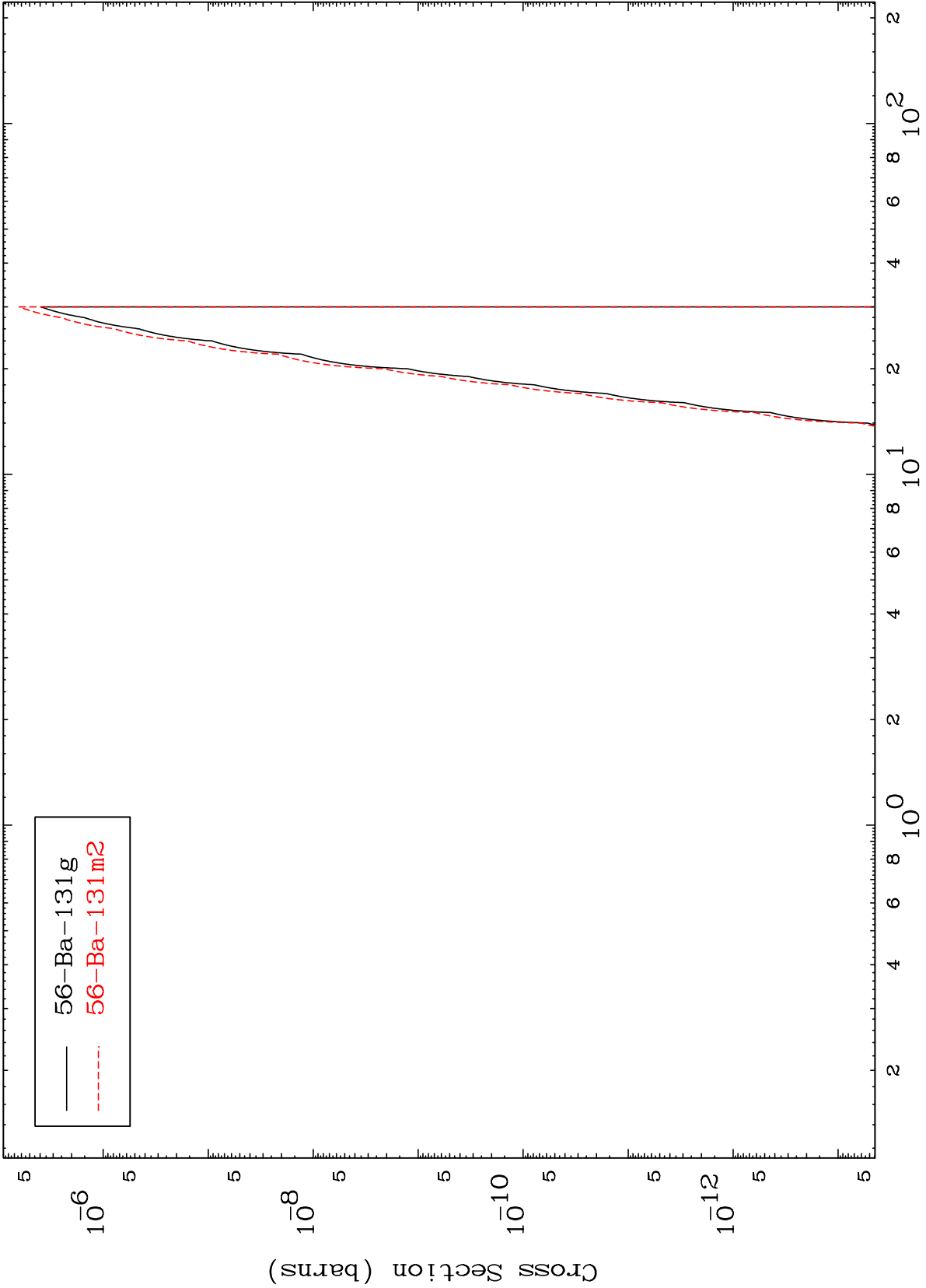


MAT 5916

(n,n') 2α

59-Pr-138

Radionuclide Production Cross Section



56-Ba-131g
56-Ba-131m2

18

Incident Energy (MeV)

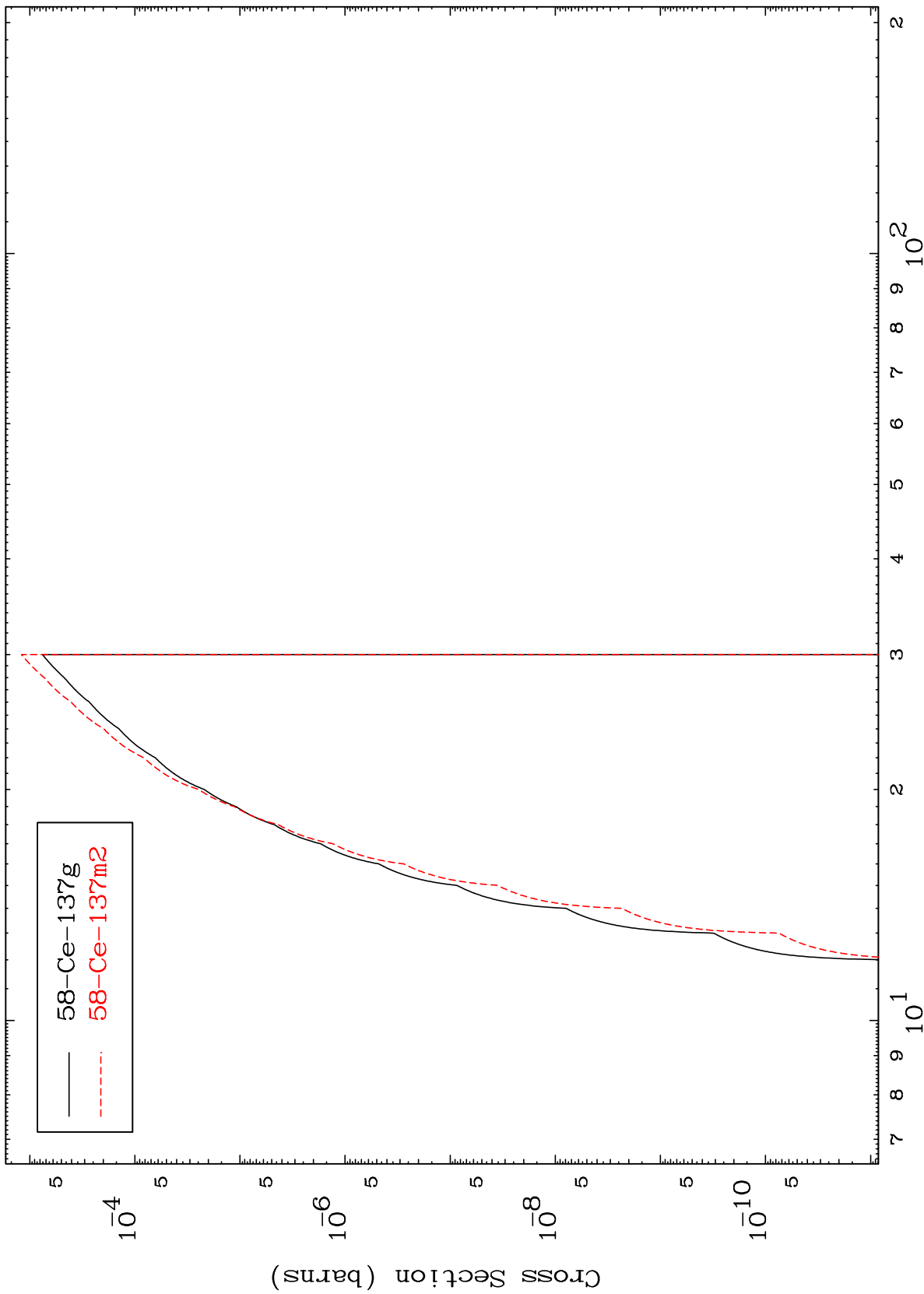
59-Pr-138

MAT 5916

(n,2n) p

59-Pr-138

Radionuclide Production Cross Section



19

Incident Energy (MeV)

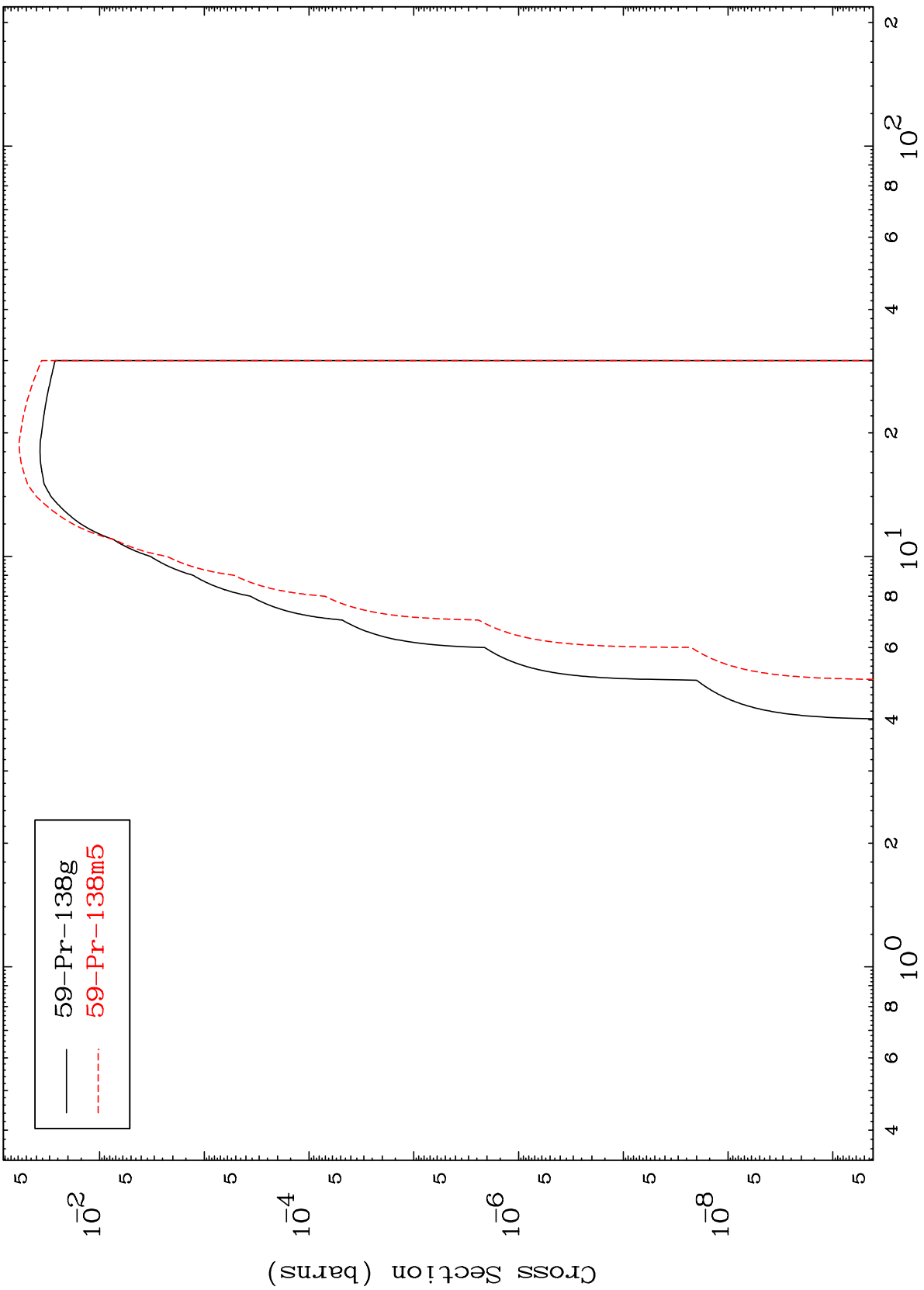
59-Pr-138

MAT 5916

(n,d)

59-Pr-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

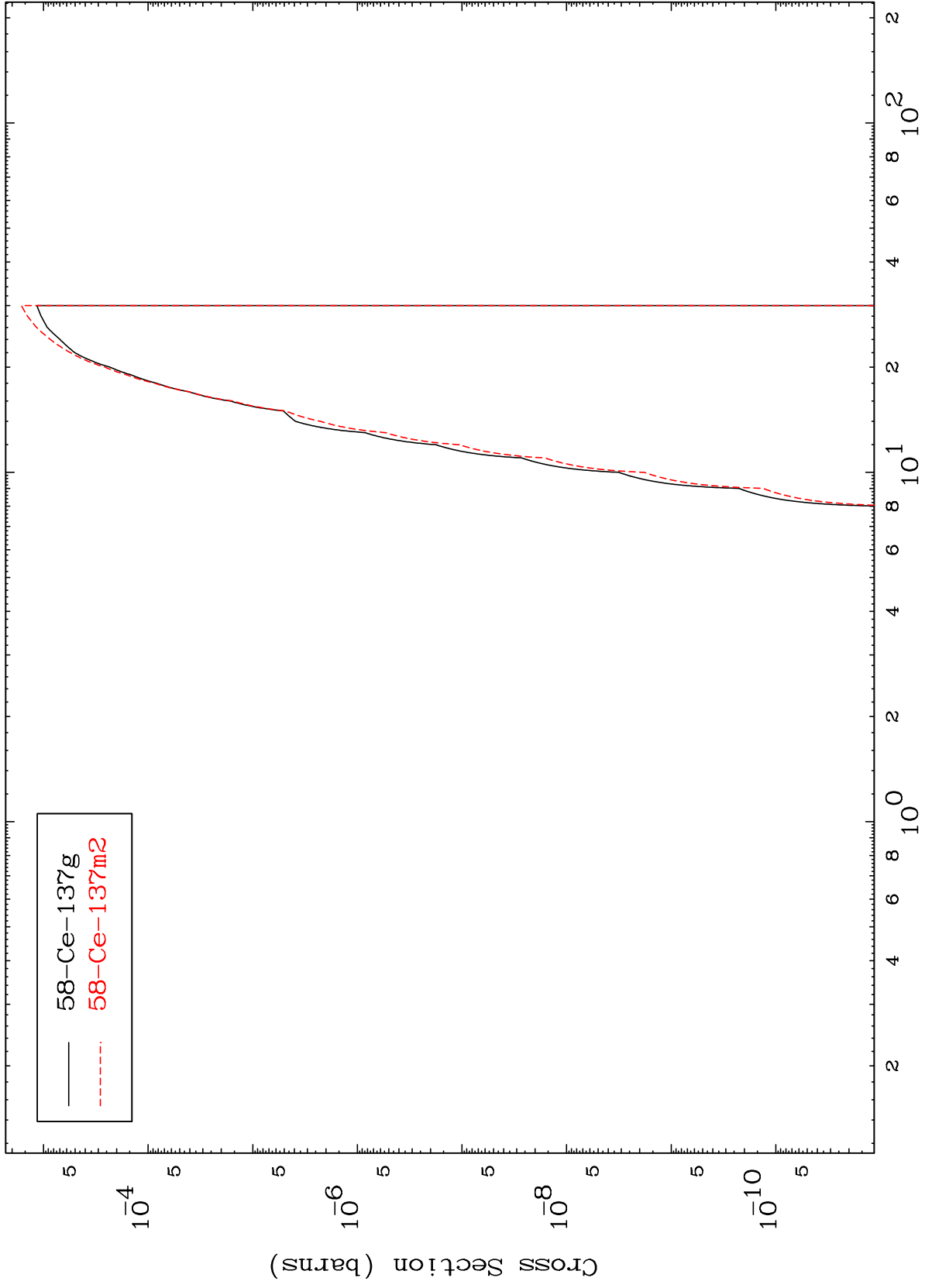
59-Pr-138

MAT 5916

(n,He-3)

59-Pr-138

Radionuclide Production Cross Section



Radionuclide Production Cross Section

