

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

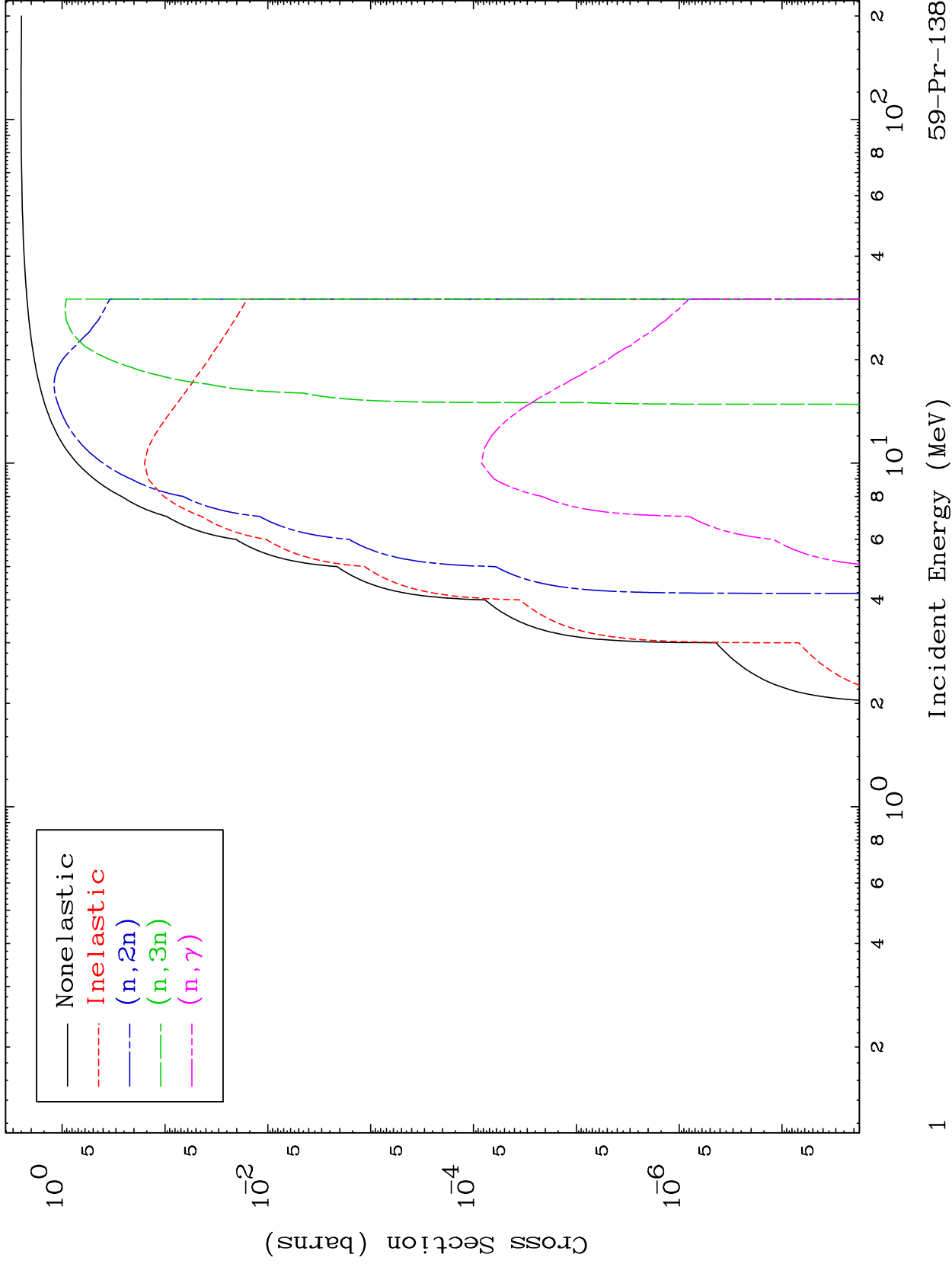
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

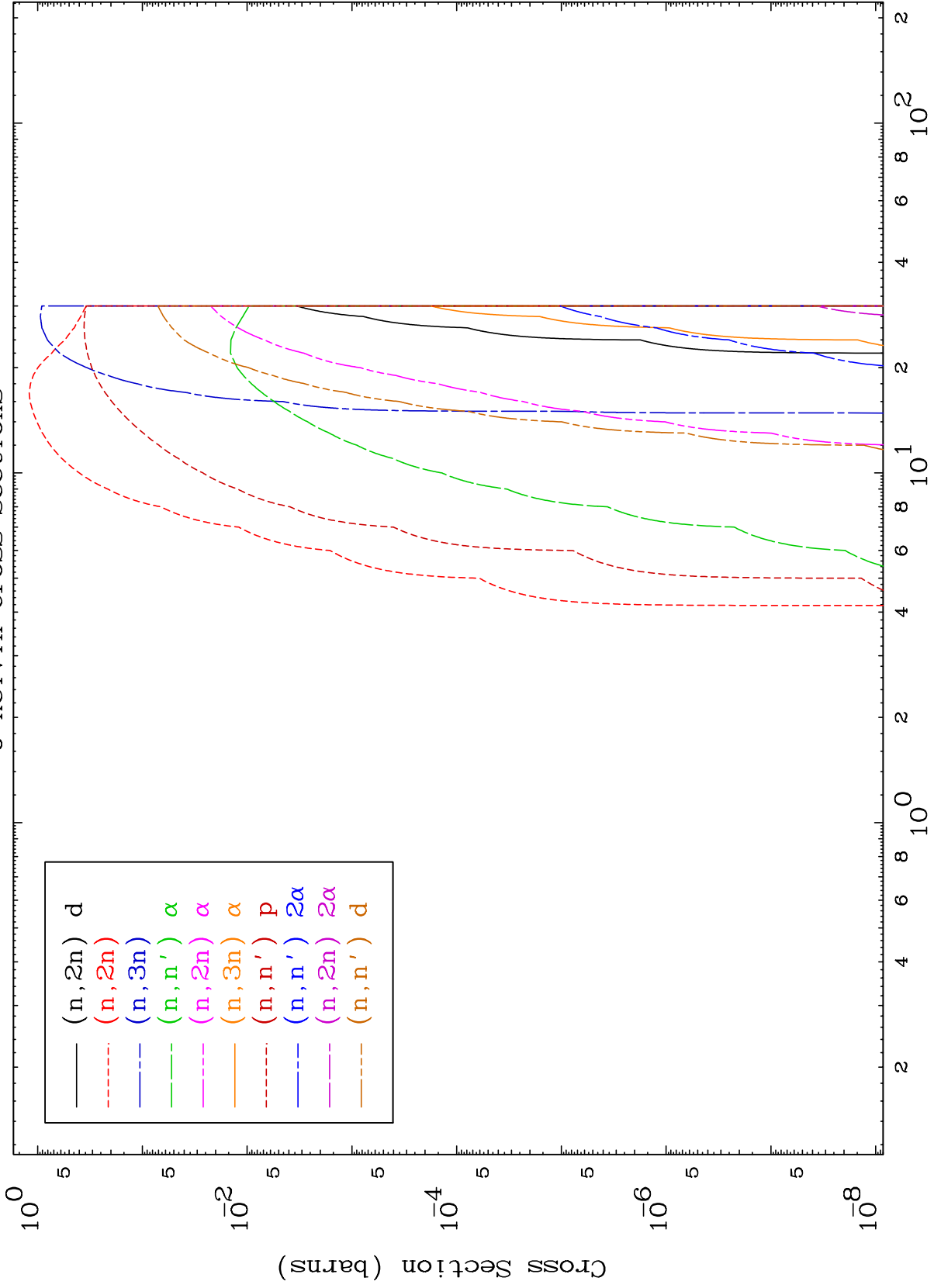
Tele: 925-443-1911

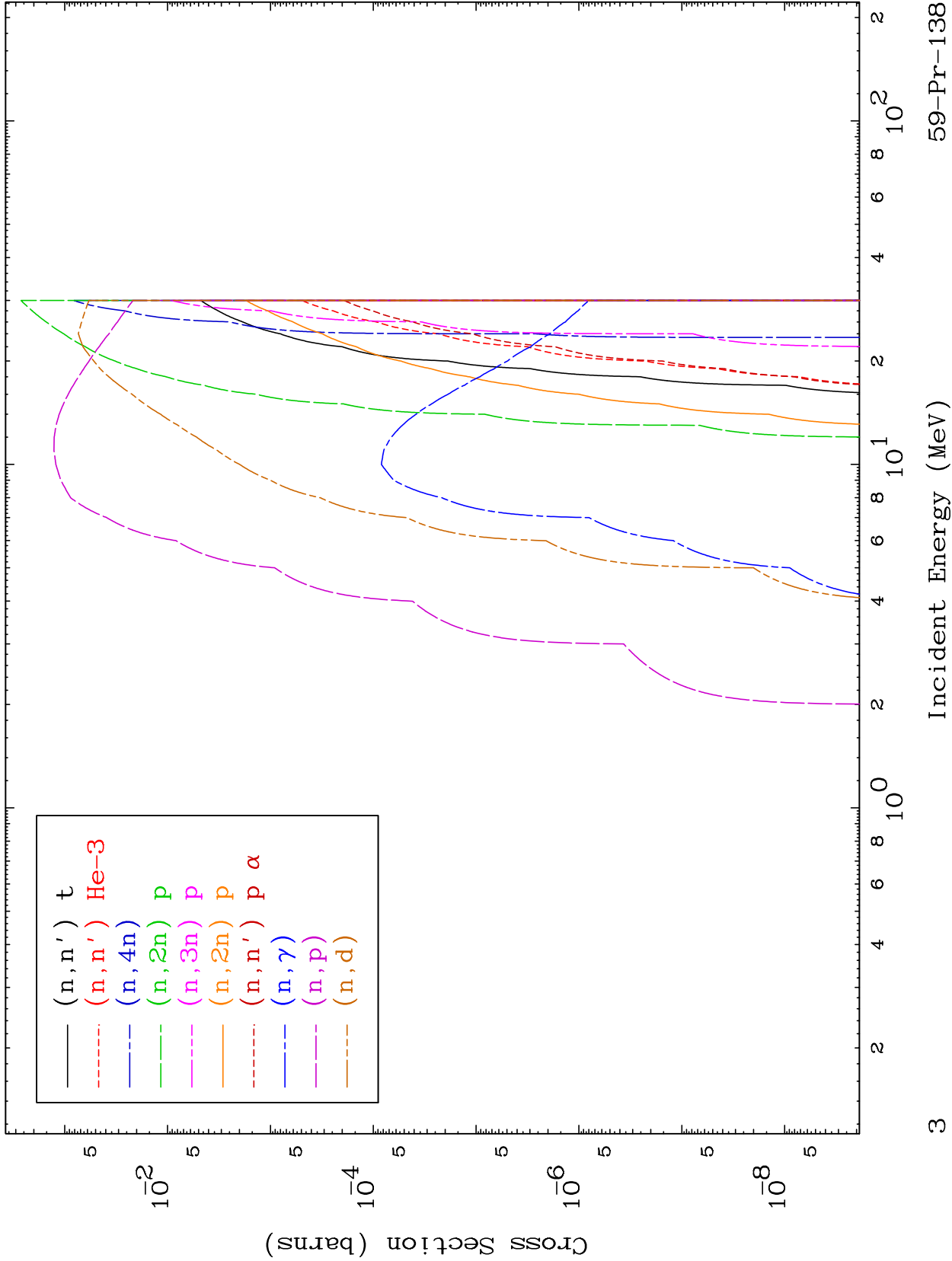
E.Mail:redcullen1@comcast.net

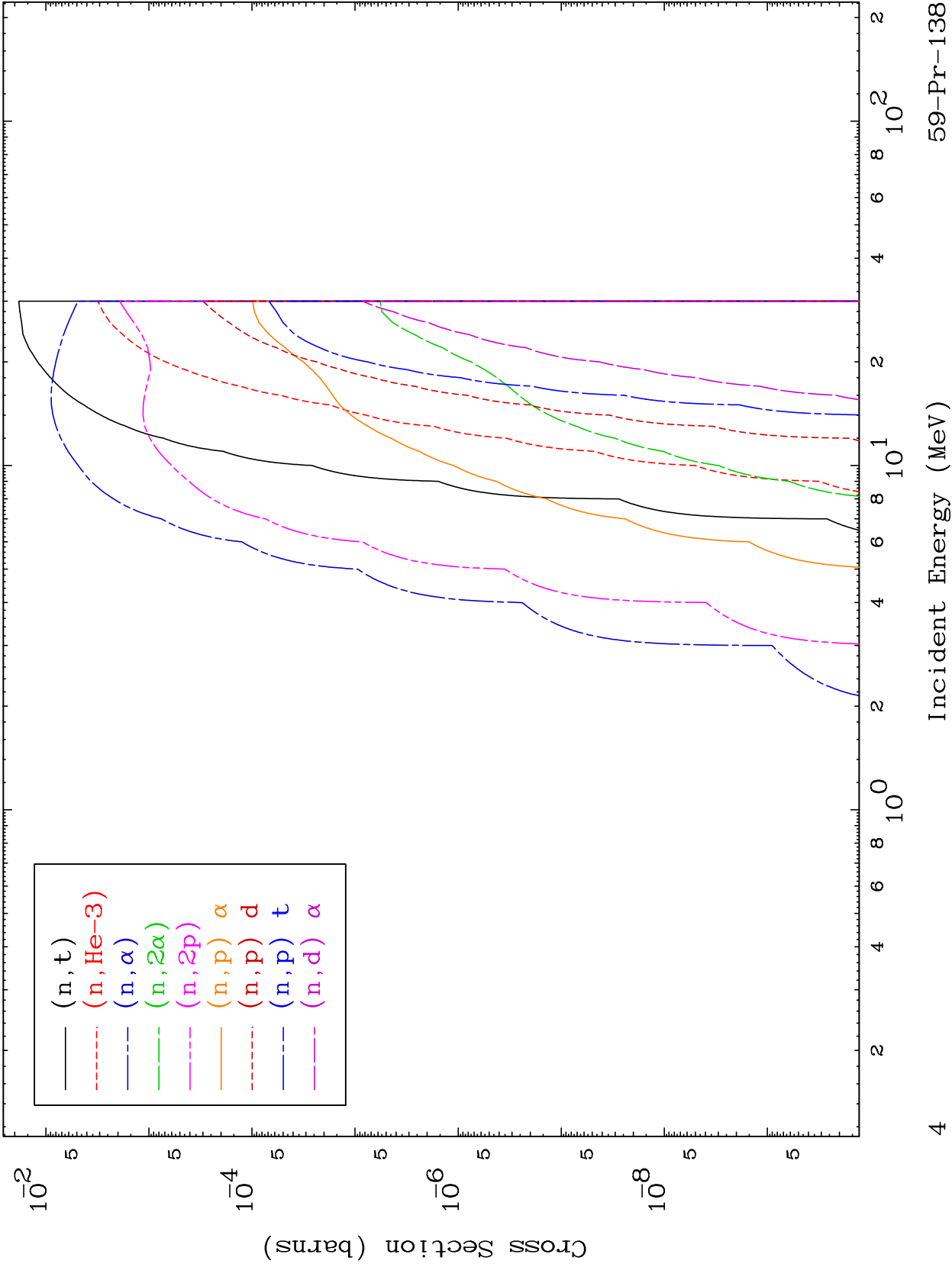
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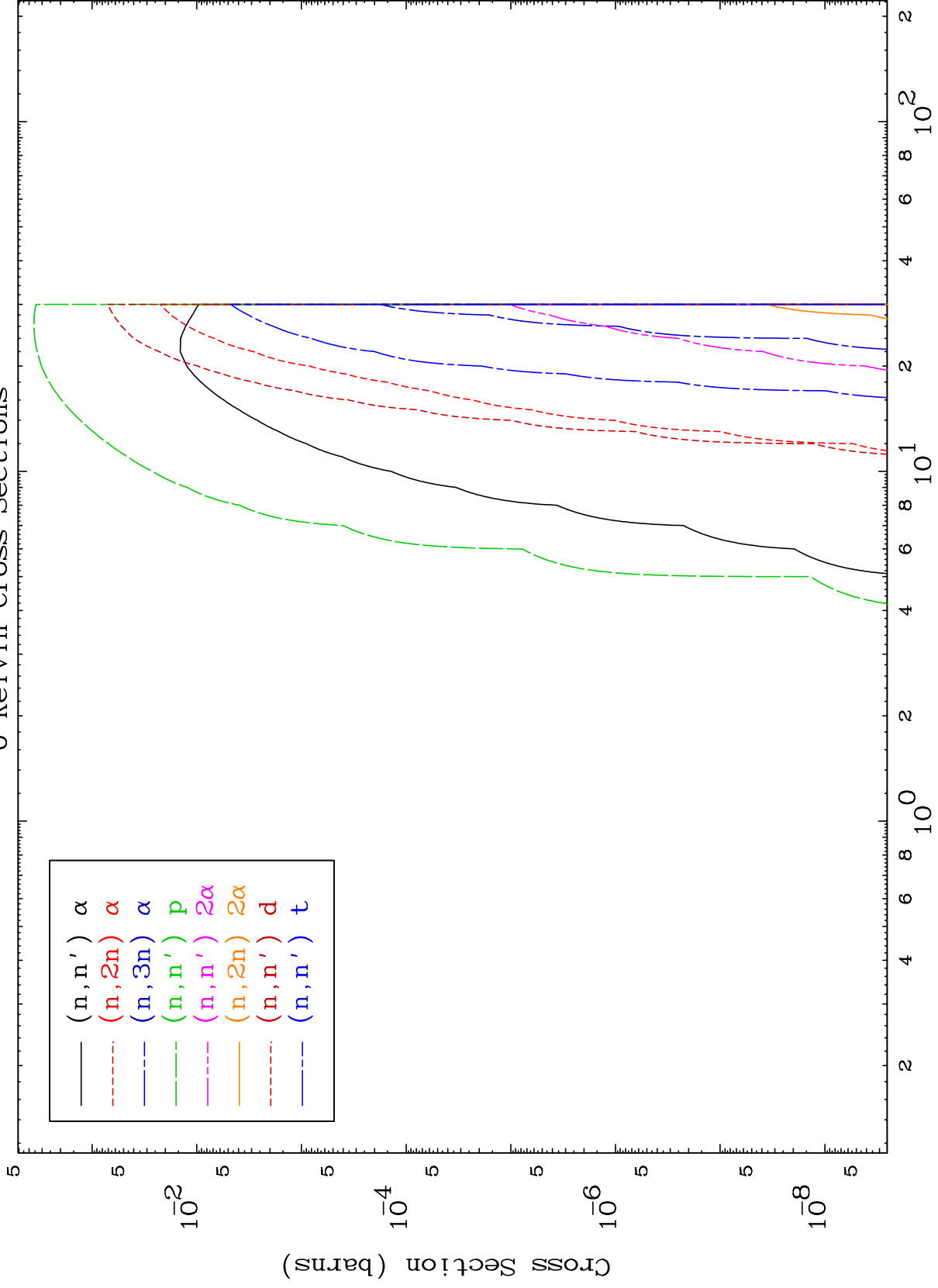
Press Mouse Button to Start

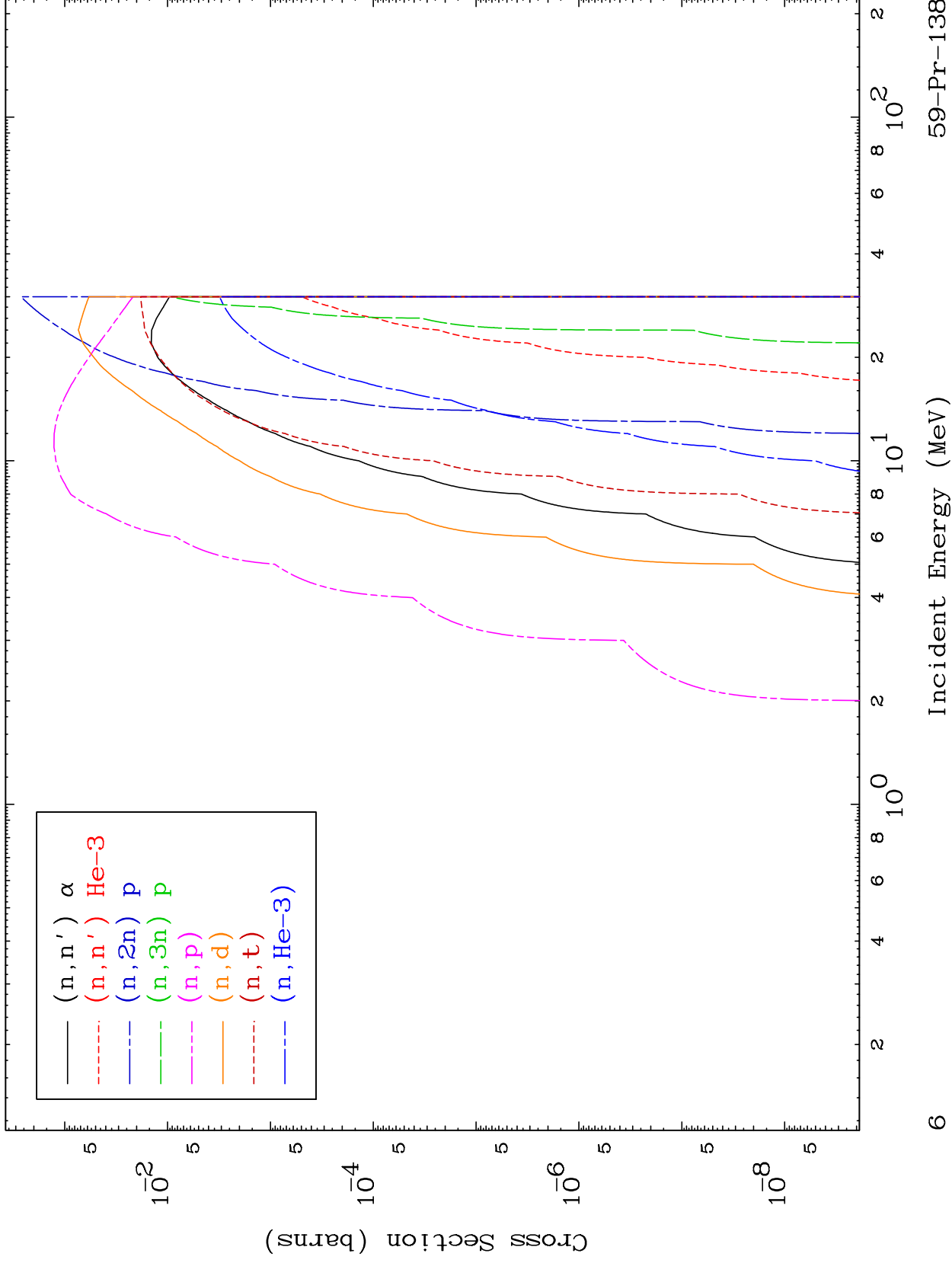


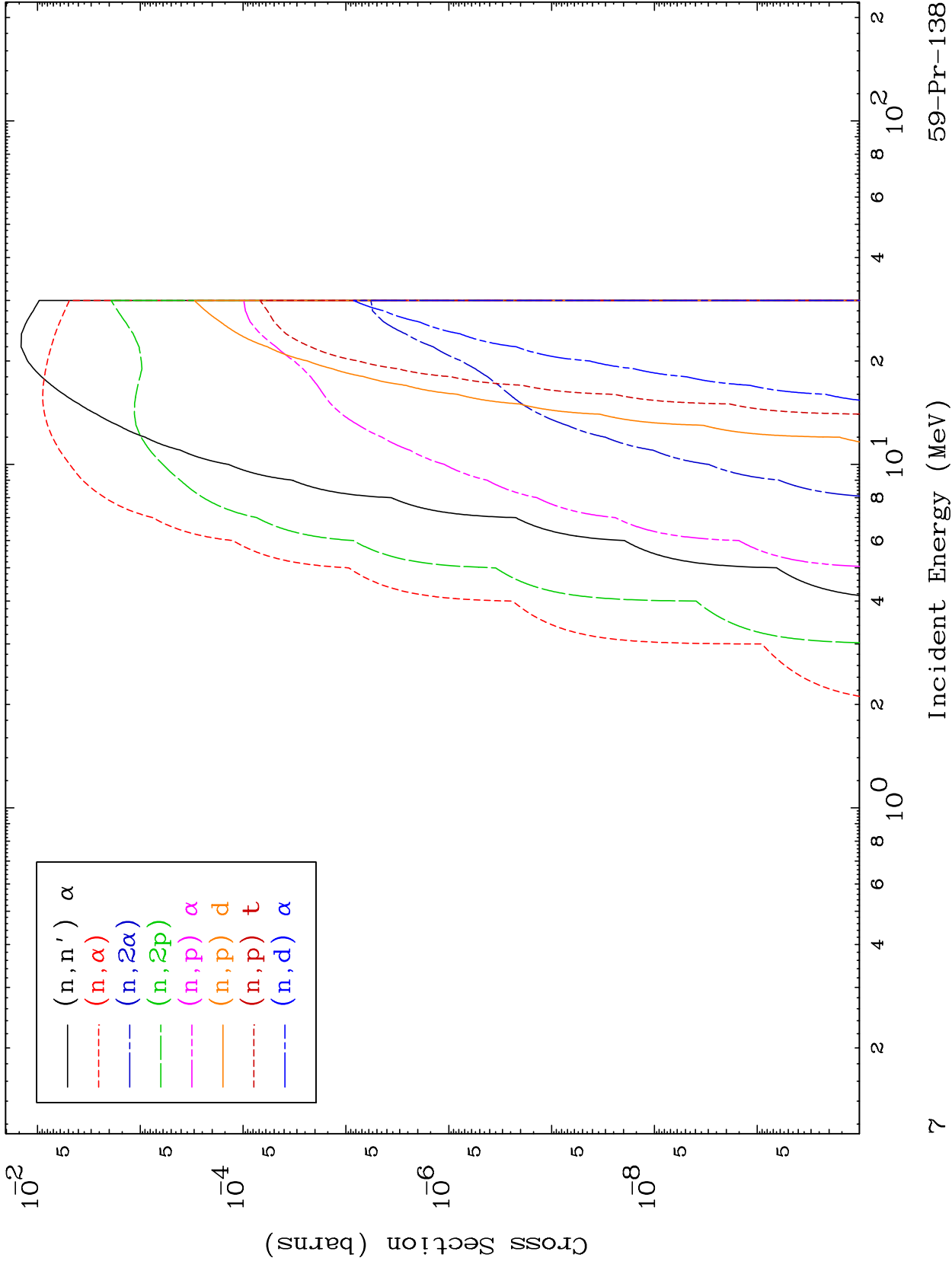










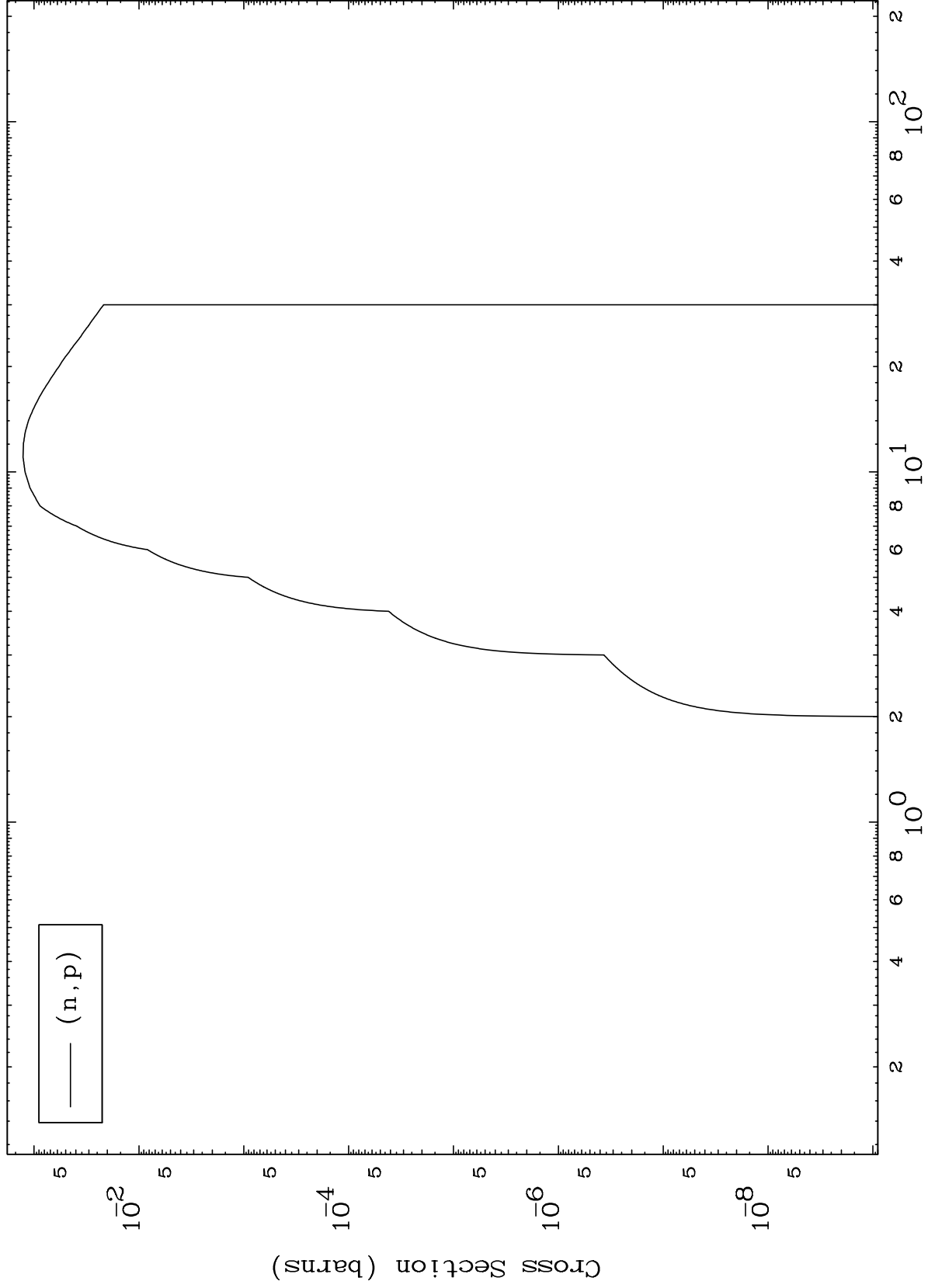


MAT 5916

(d,p) Levels

59-Pr-138

0 Kelvin Cross Sections

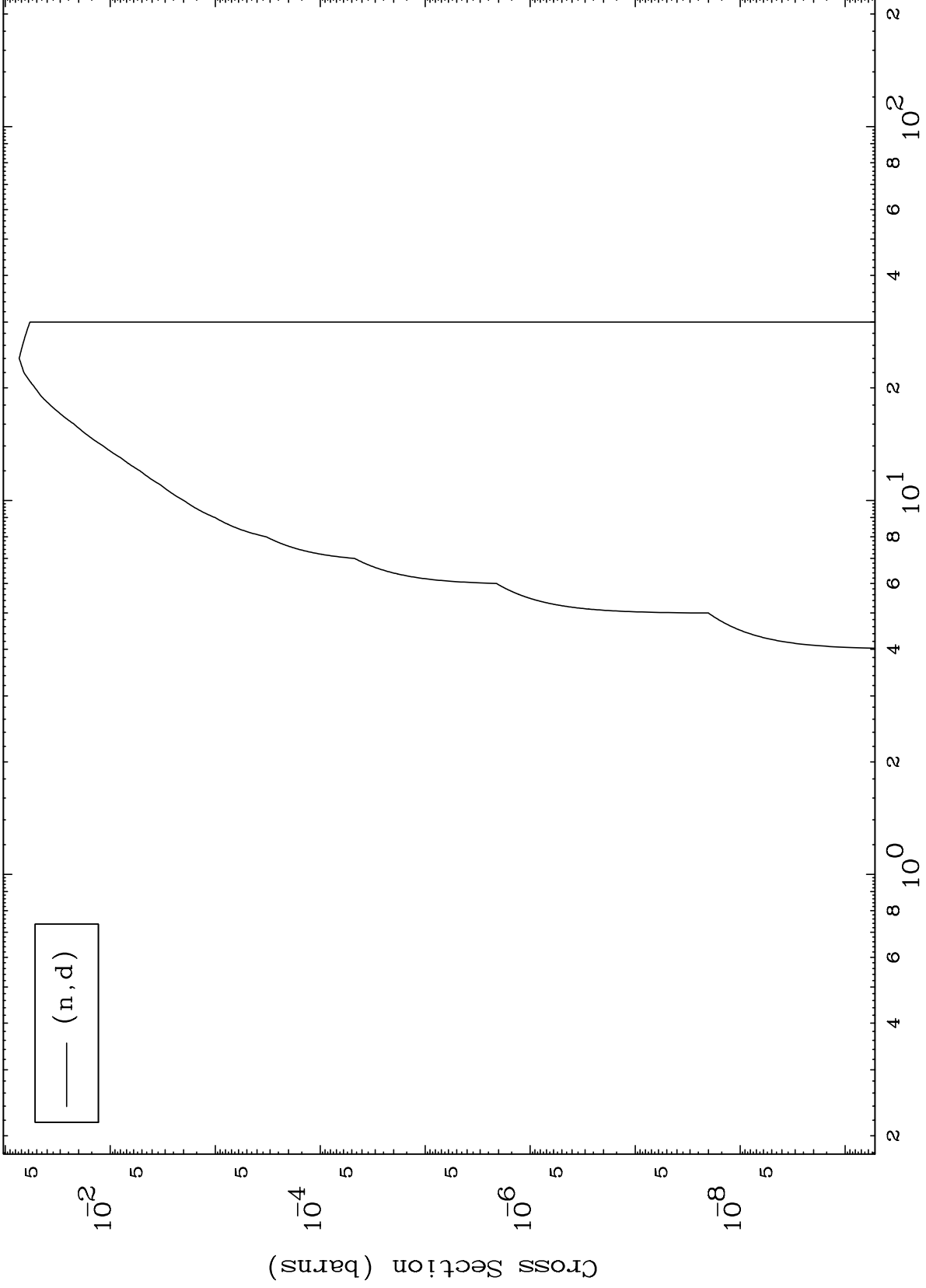


MAT 5916

(d,d) Levels

59-Pr-138

0 Kelvin Cross Sections



9

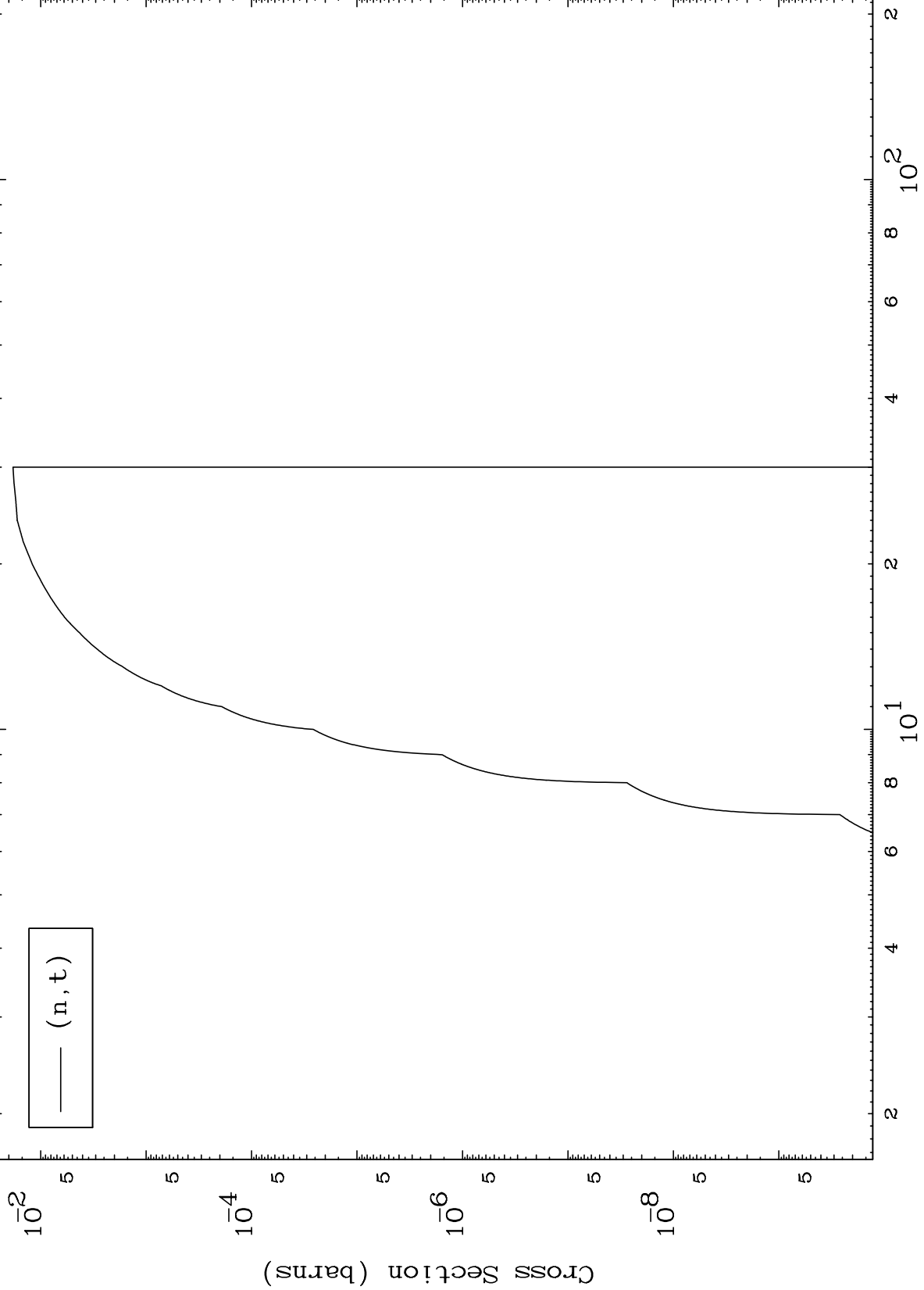
Incident Energy (MeV)

59-Pr-138

MAT 5916

(d,t) Levels
0 Kelvin Cross Sections

59-Pr-138



10

Incident Energy (MeV)

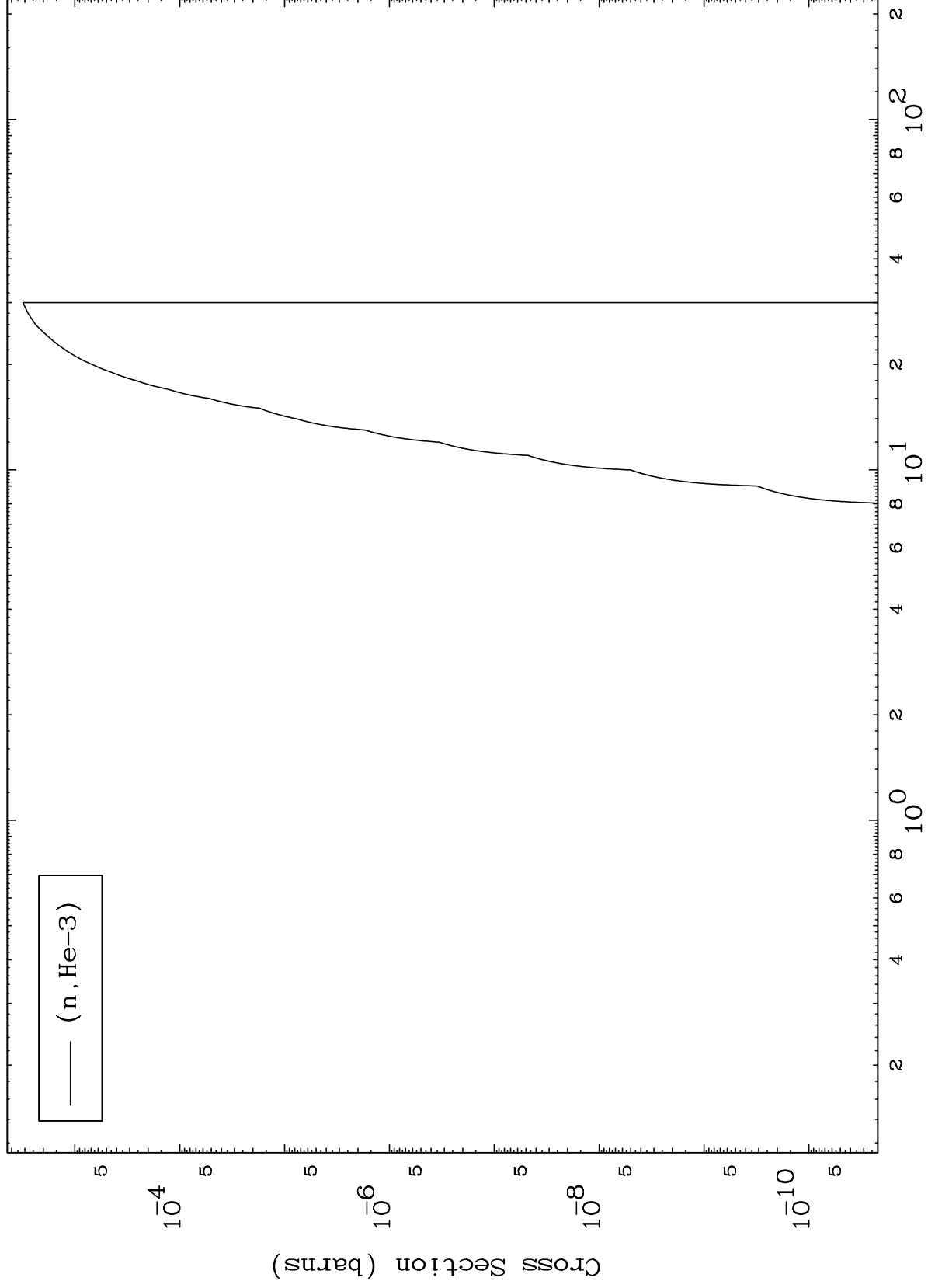
59-Pr-138

MAT 5916

(d,He3) Levels

59-Pr-138

0 Kelvin Cross Sections



11

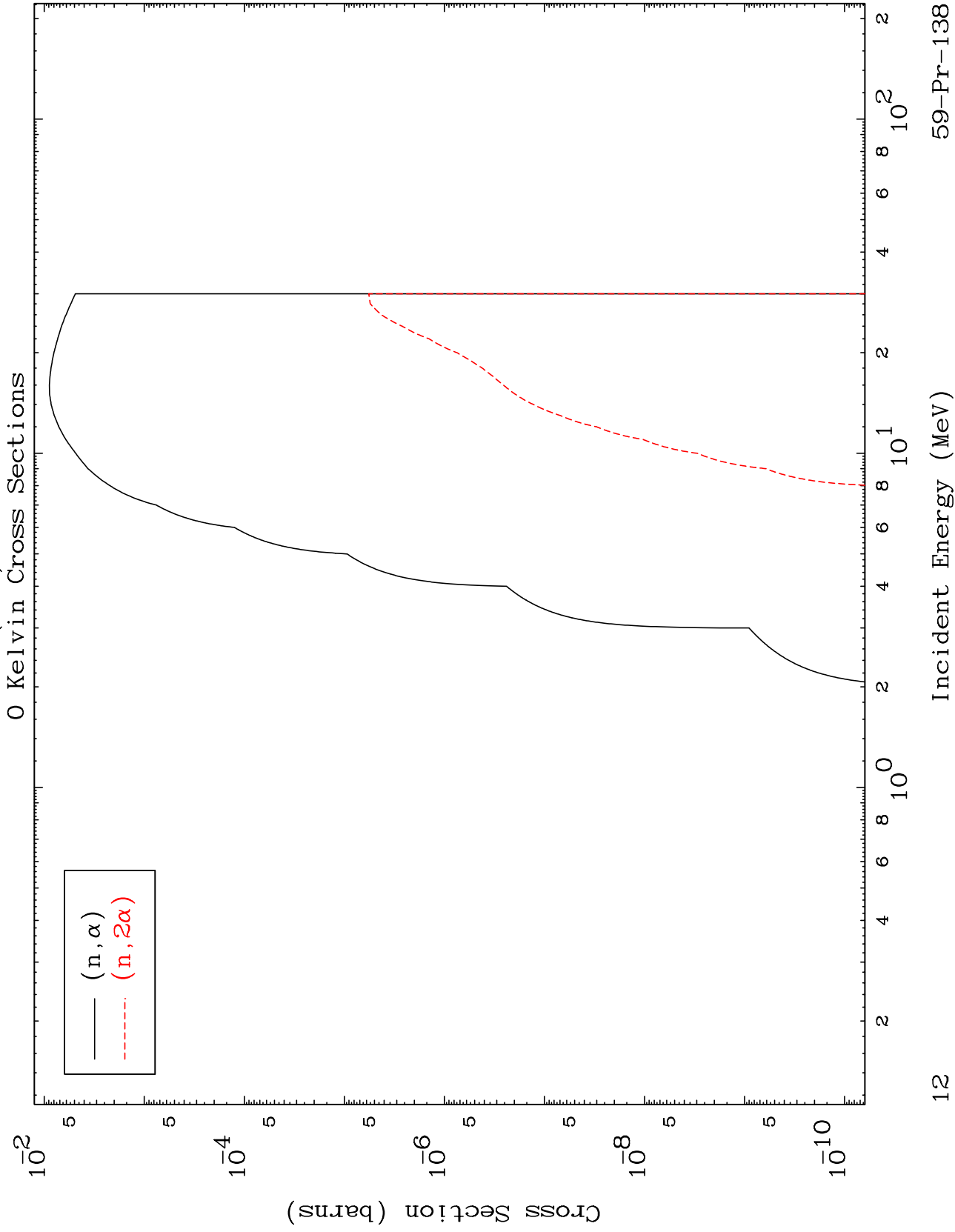
Incident Energy (MeV)

59-Pr-138

MAT 5916

(d, α) Levels

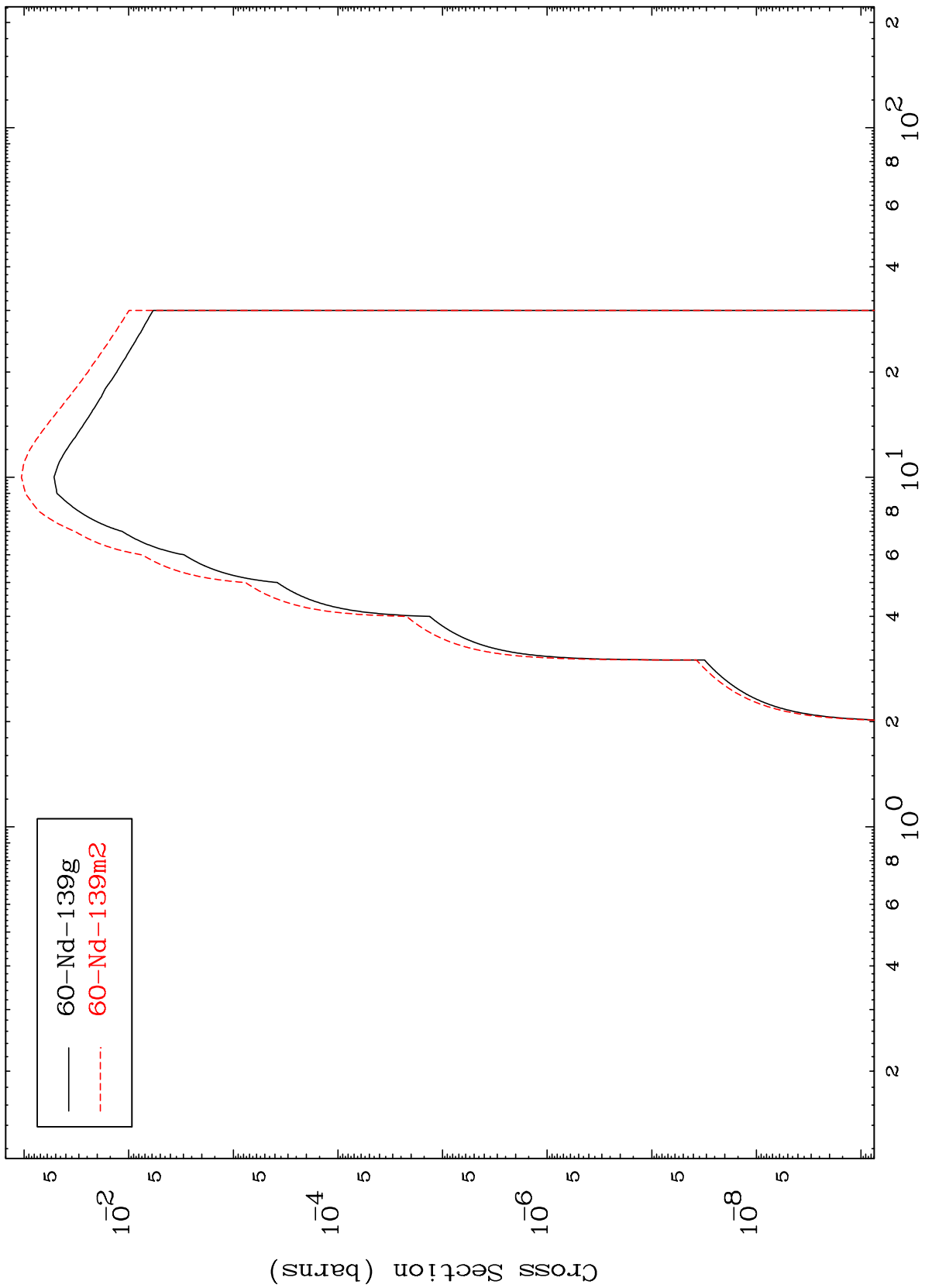
59-Pr-138



MAT 5916

59-Pr-138

Inelastic
Radionuclide Production Cross Section

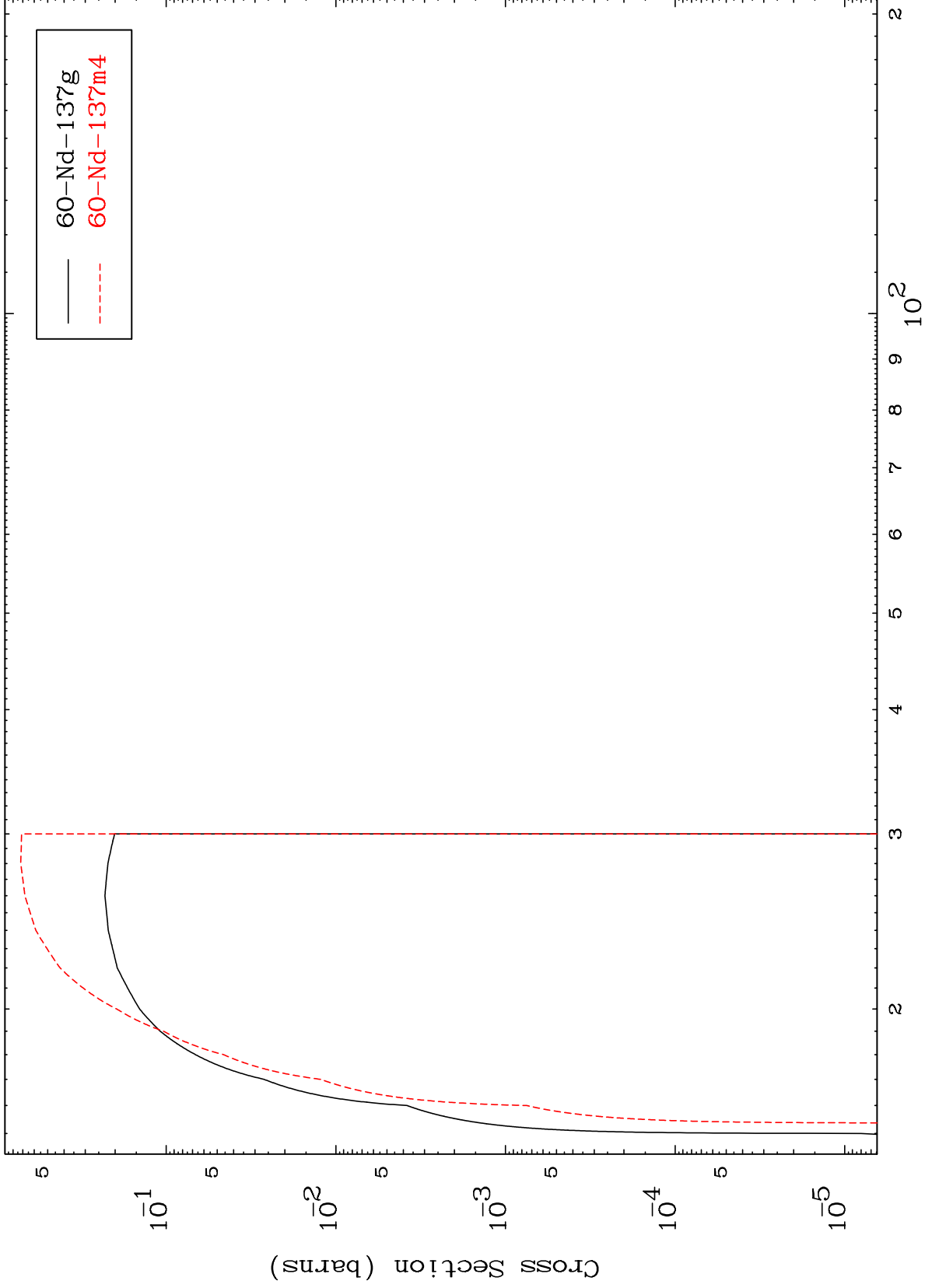


13

59-Pr-138

Incident Energy (MeV)

Radionuclide Production Cross Section

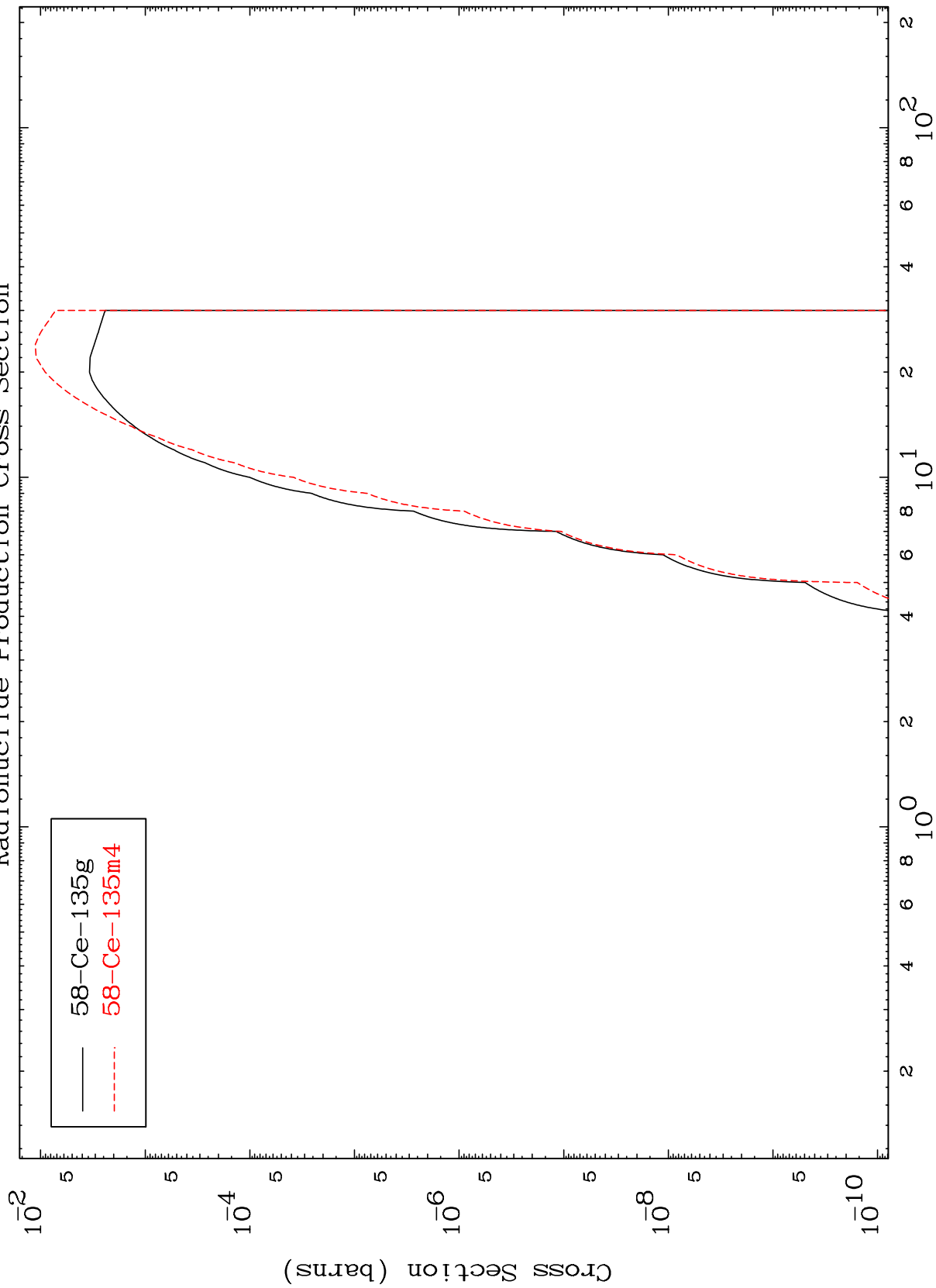


MAT 5916

$(n, n') \alpha$

59-Pr-138

Radionuclide Production Cross Section



15

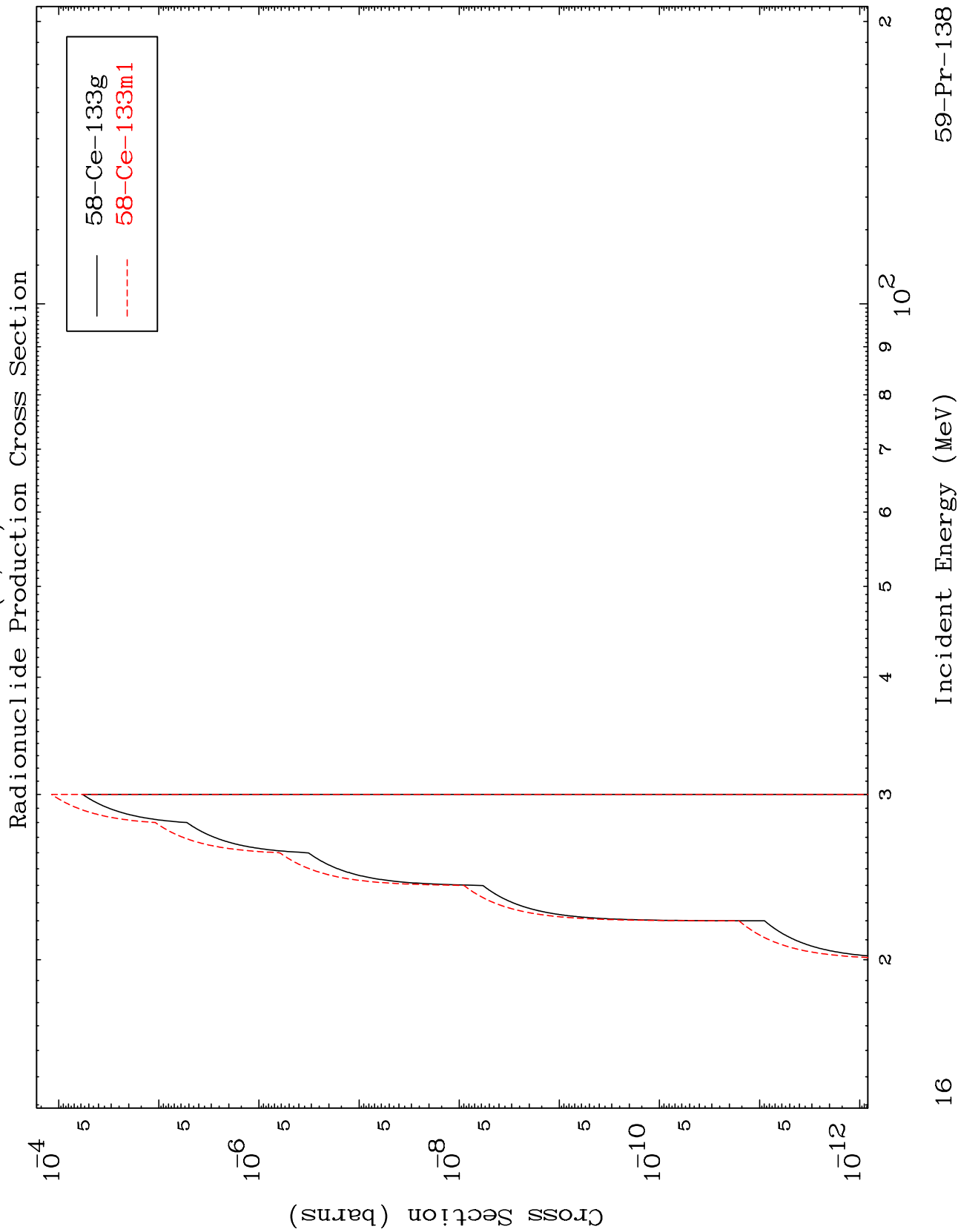
Incident Energy (MeV)

59-Pr-138

MAT 5916

(n,3n) α

59-Pr-138



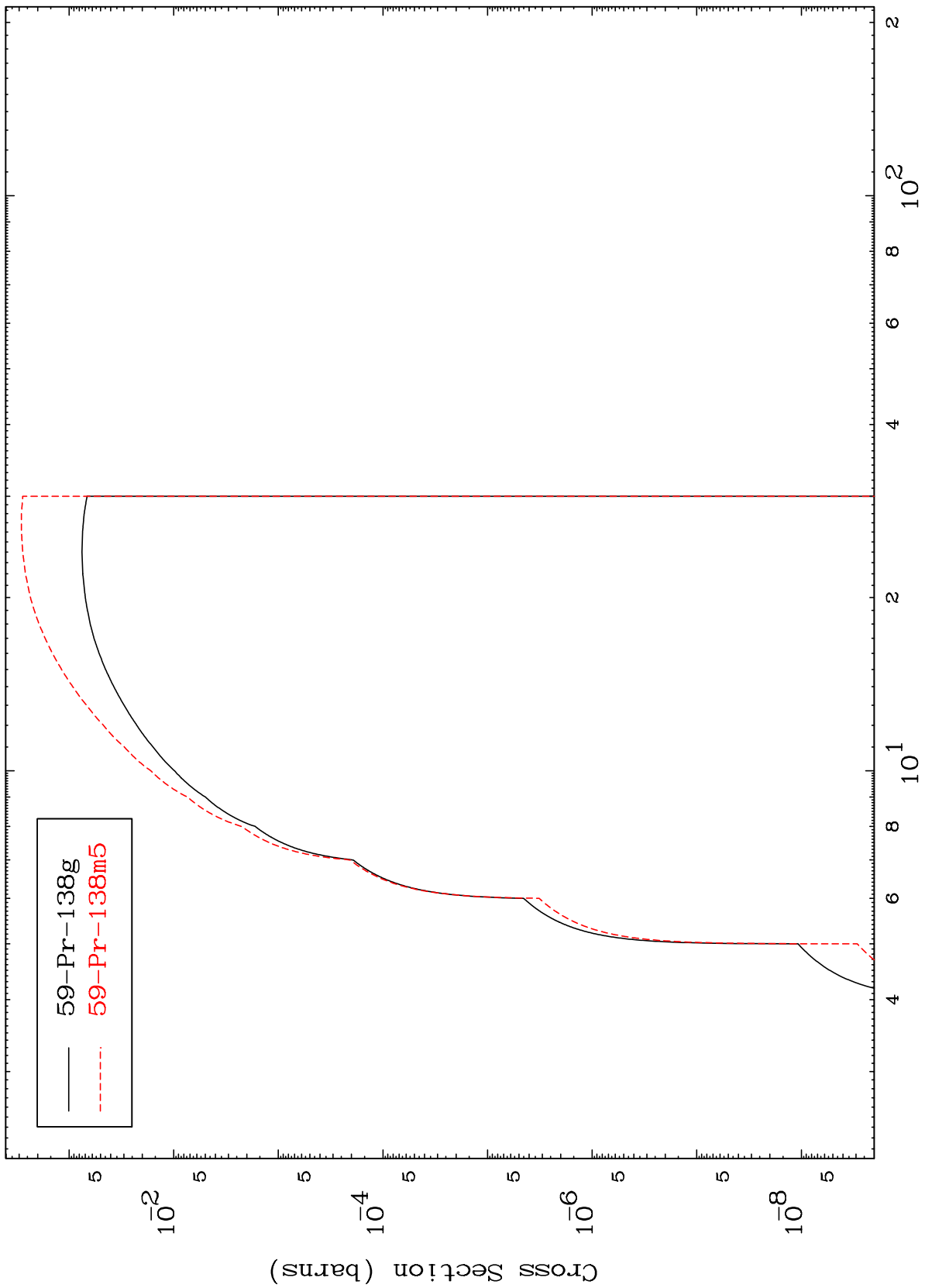
16

59-Pr-138

MAT 5916

59-Pr-138

(n,n') p
Radionuclide Production Cross Section



59-Pr-138

Incident Energy (MeV)

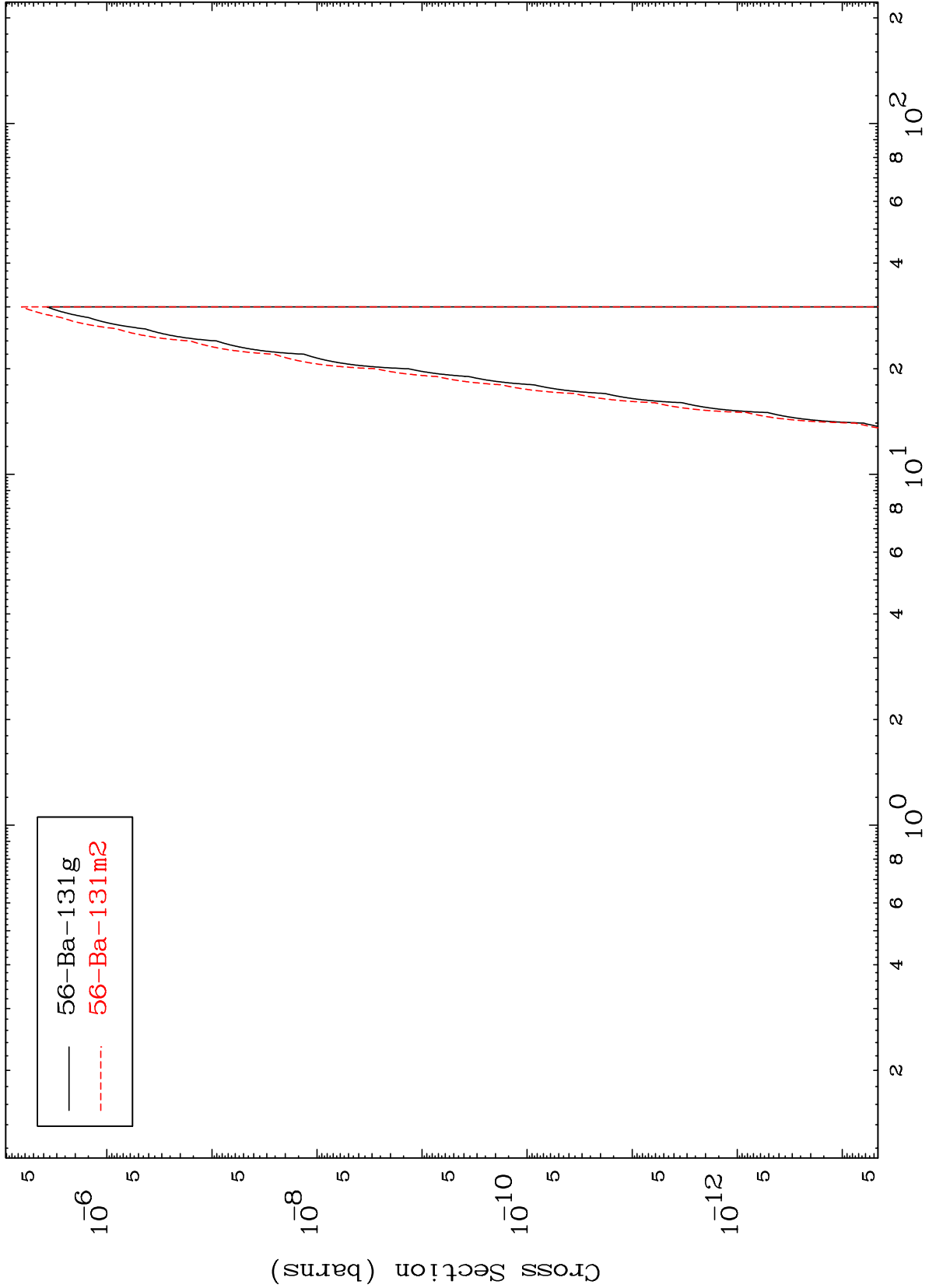
17

MAT 5916

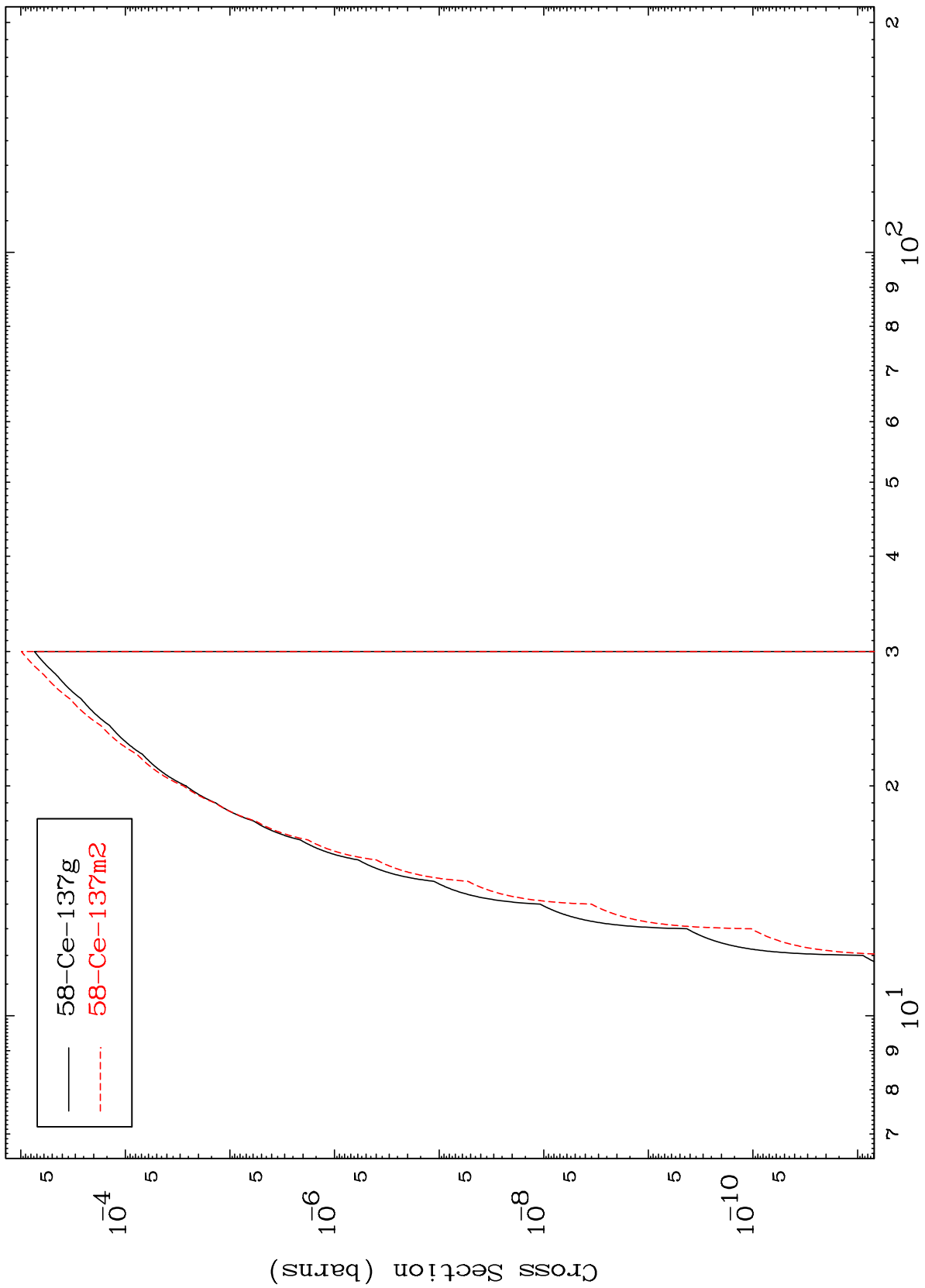
(n,n') 2α

59-Pr-138

Radionuclide Production Cross Section



Radionuclide Production Cross Section

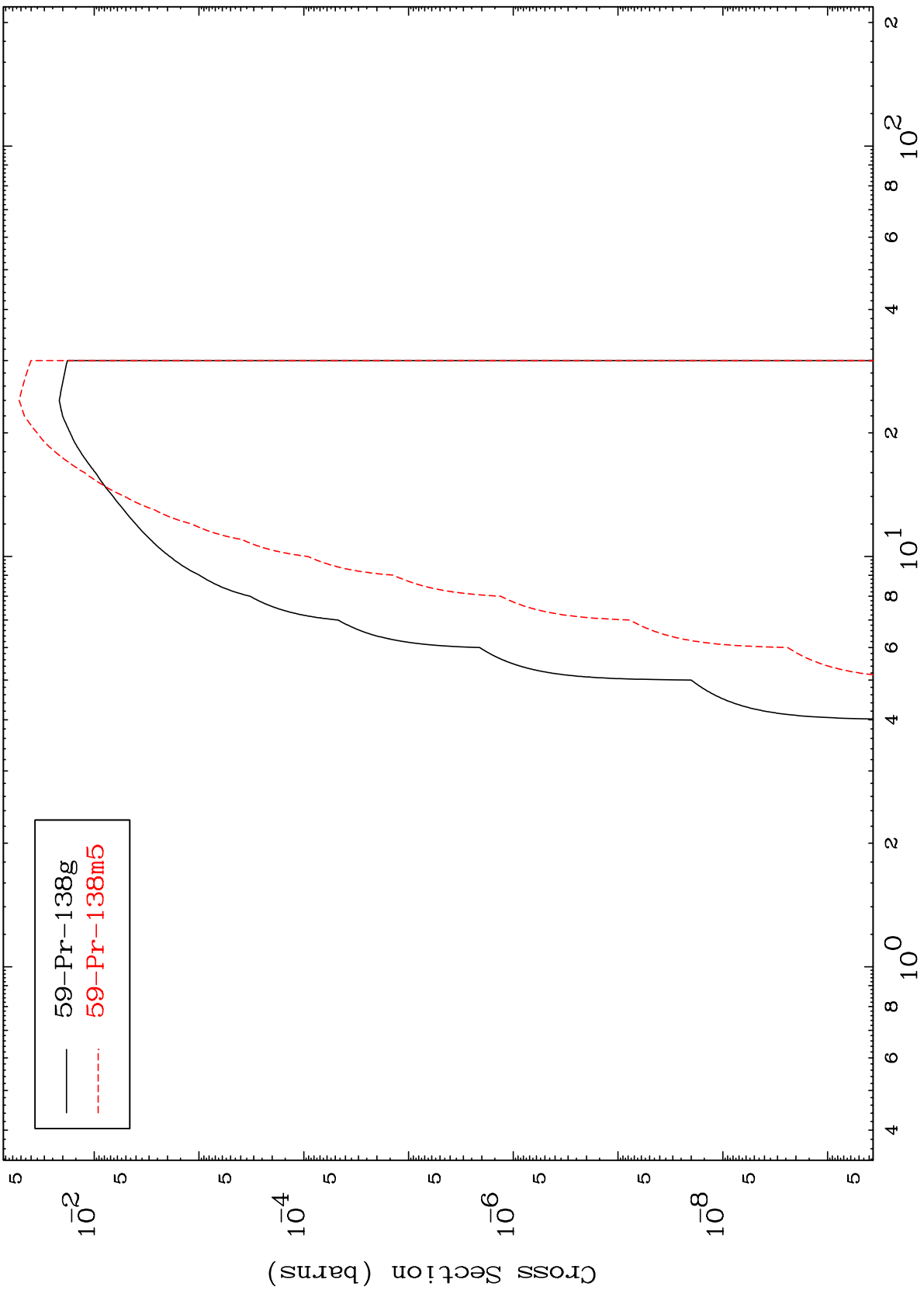


MAT 5916

(n,d)

59-Pr-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

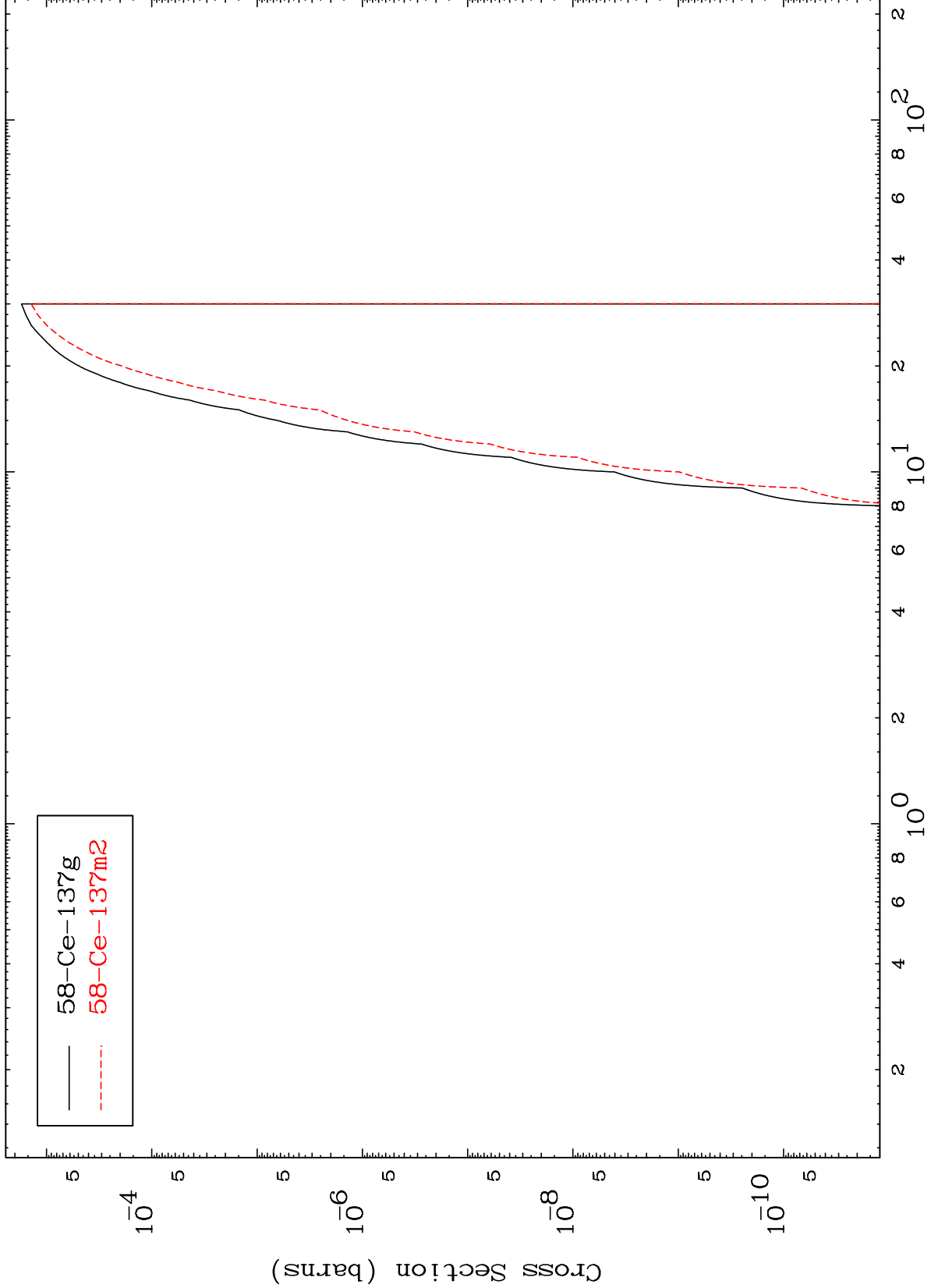
59-Pr-138

MAT 5916

(n,He-3)

59-Pr-138

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

