

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

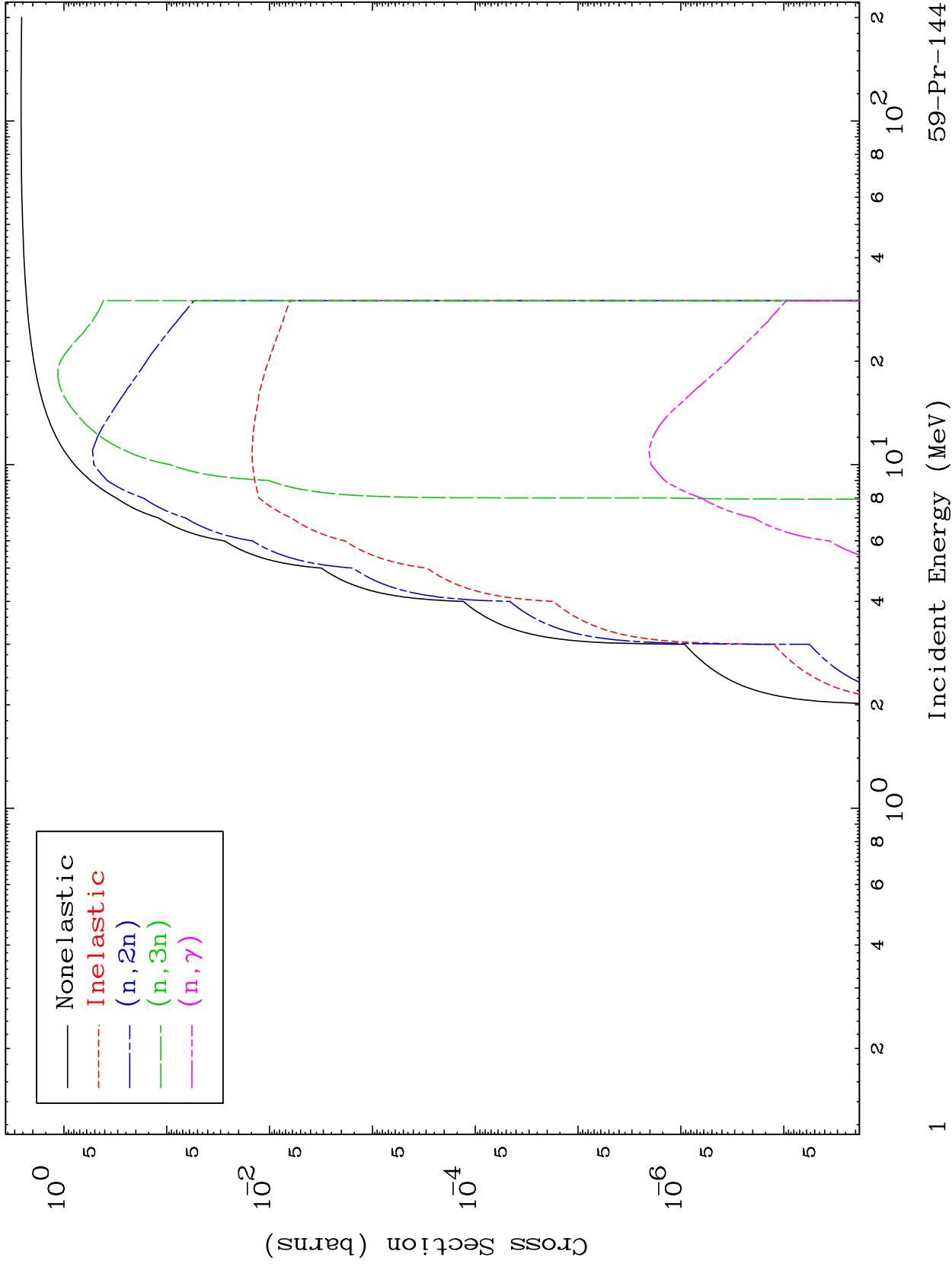
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

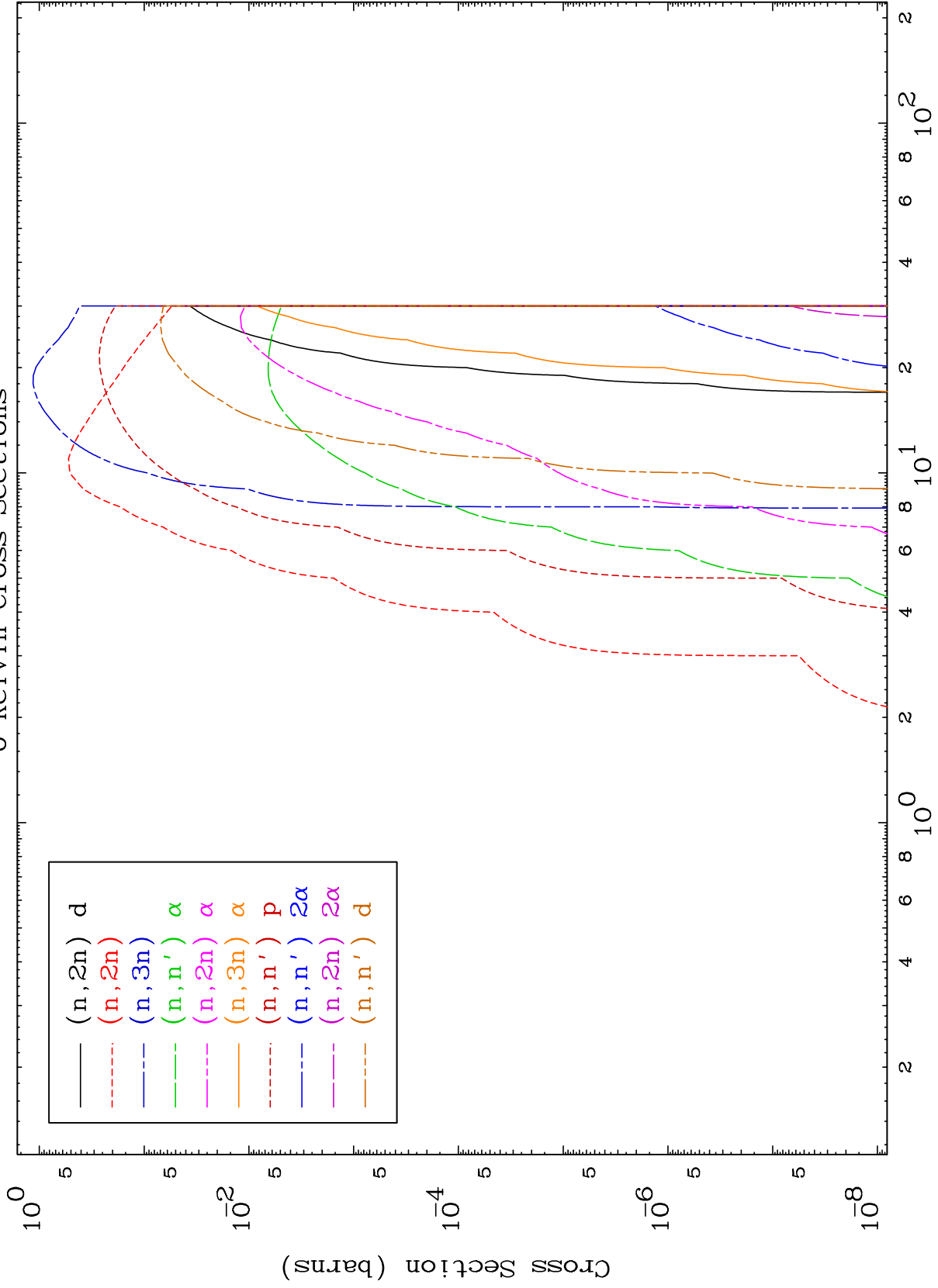
Tele: 925-443-1911

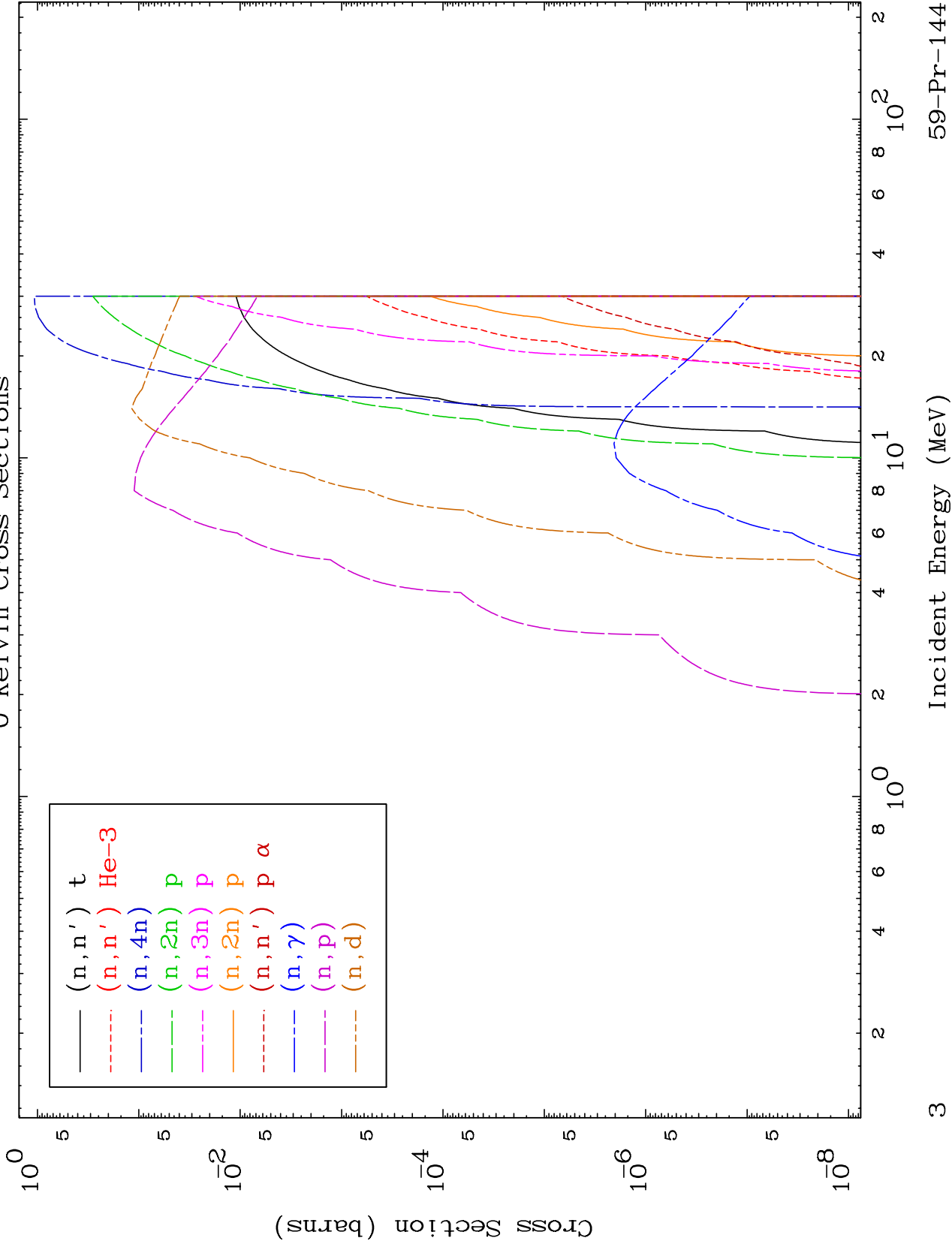
E.Mail:redcullen1@comcast.net

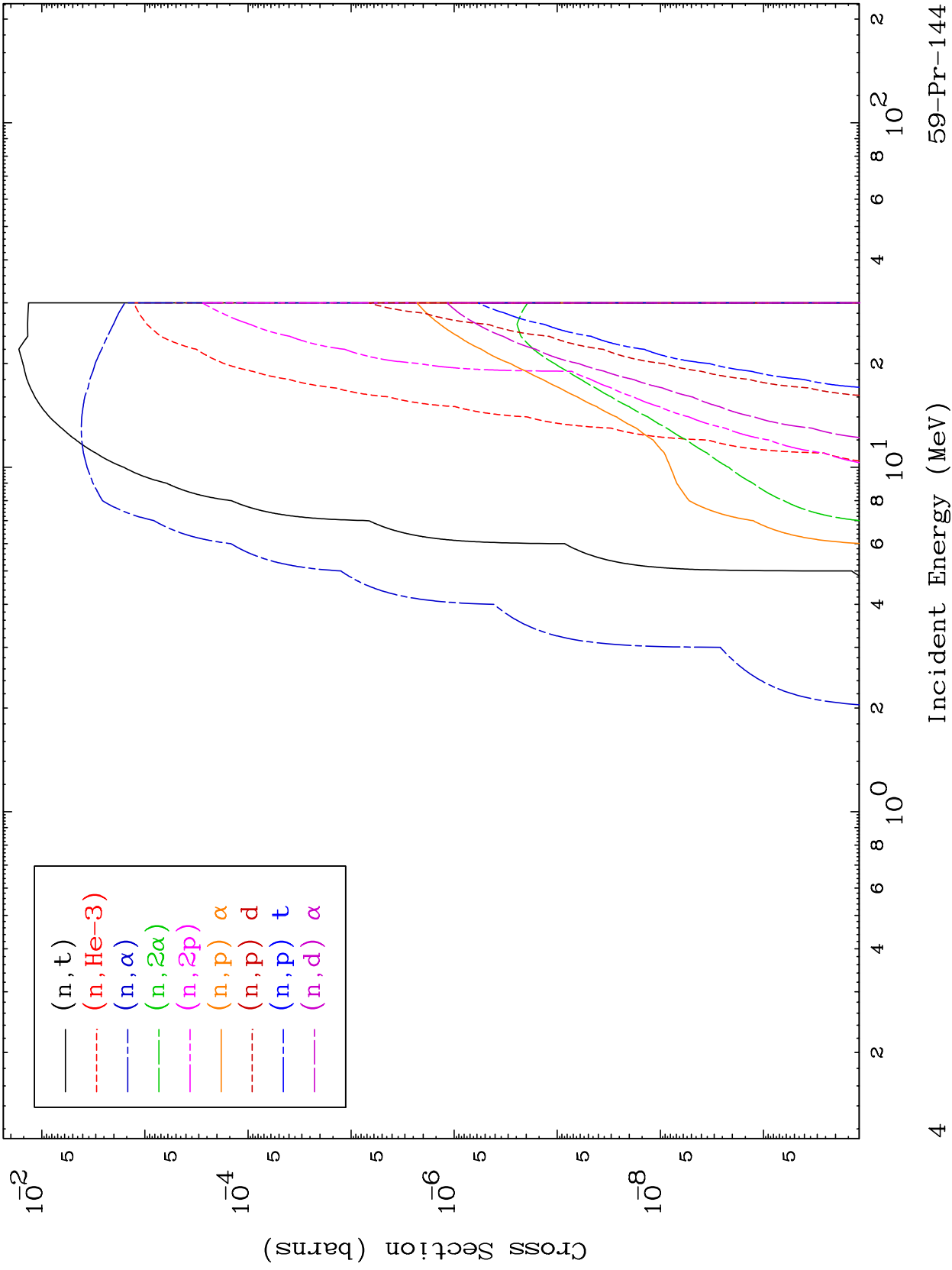
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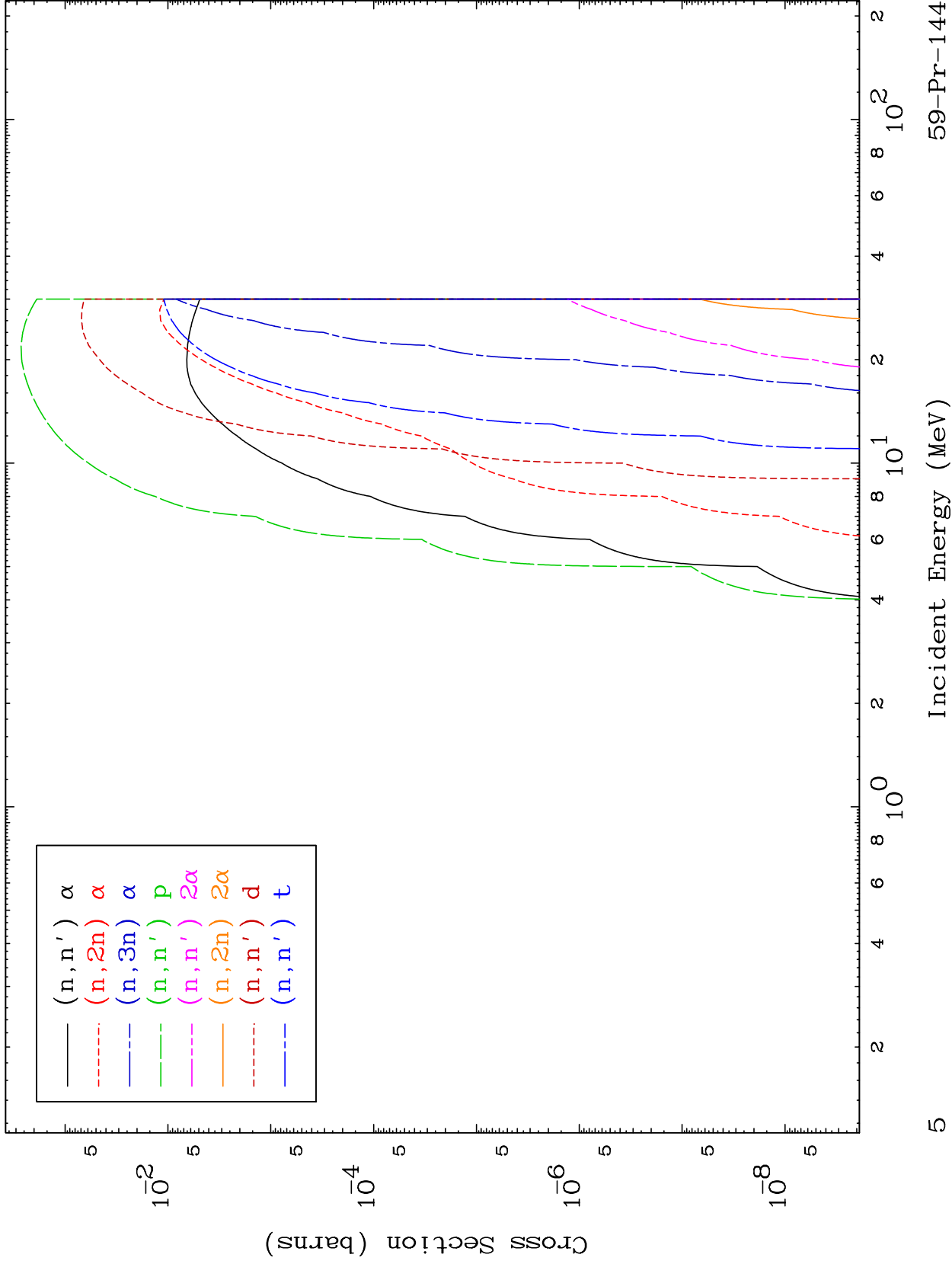
Press Mouse Button to Start

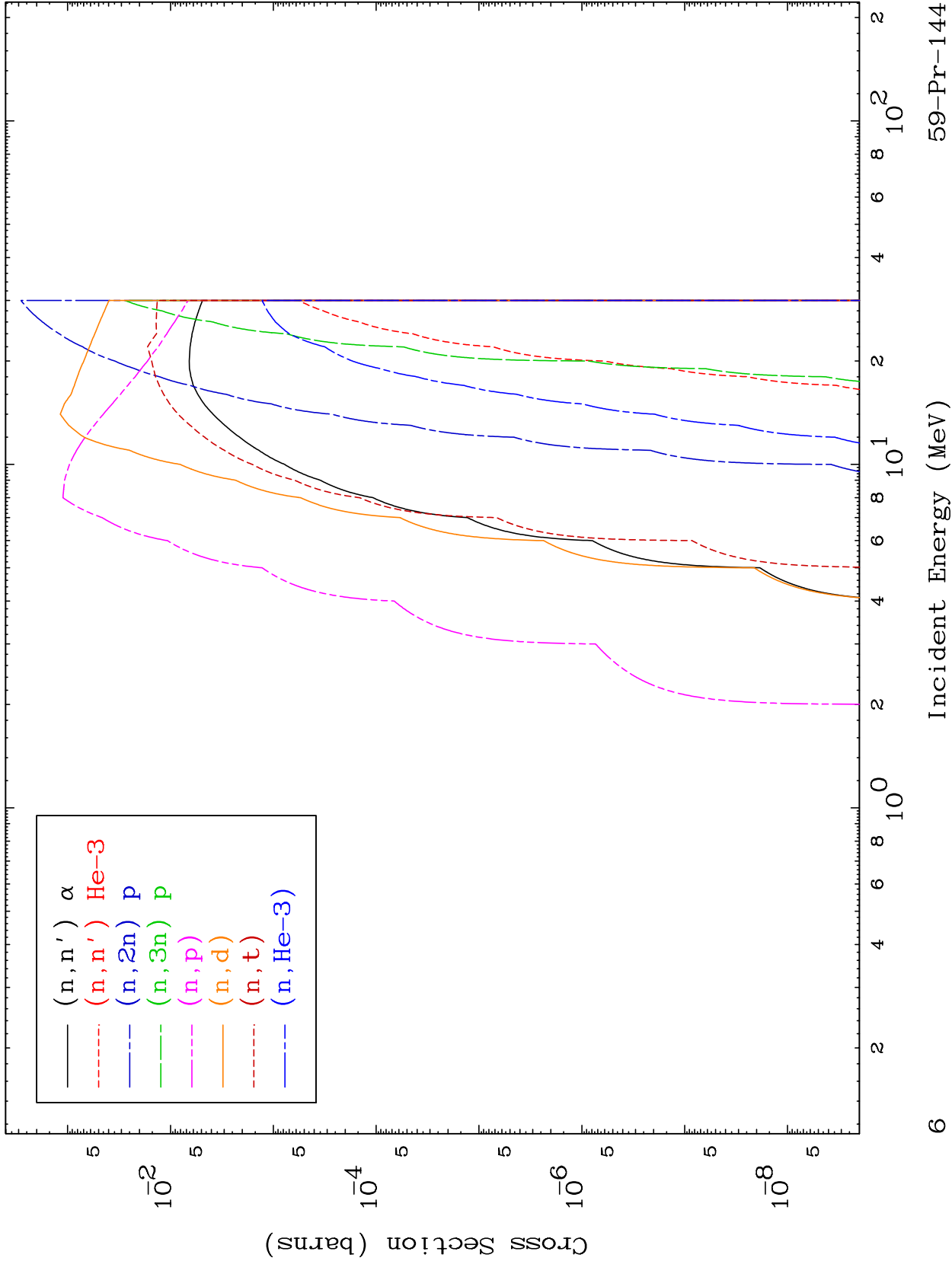


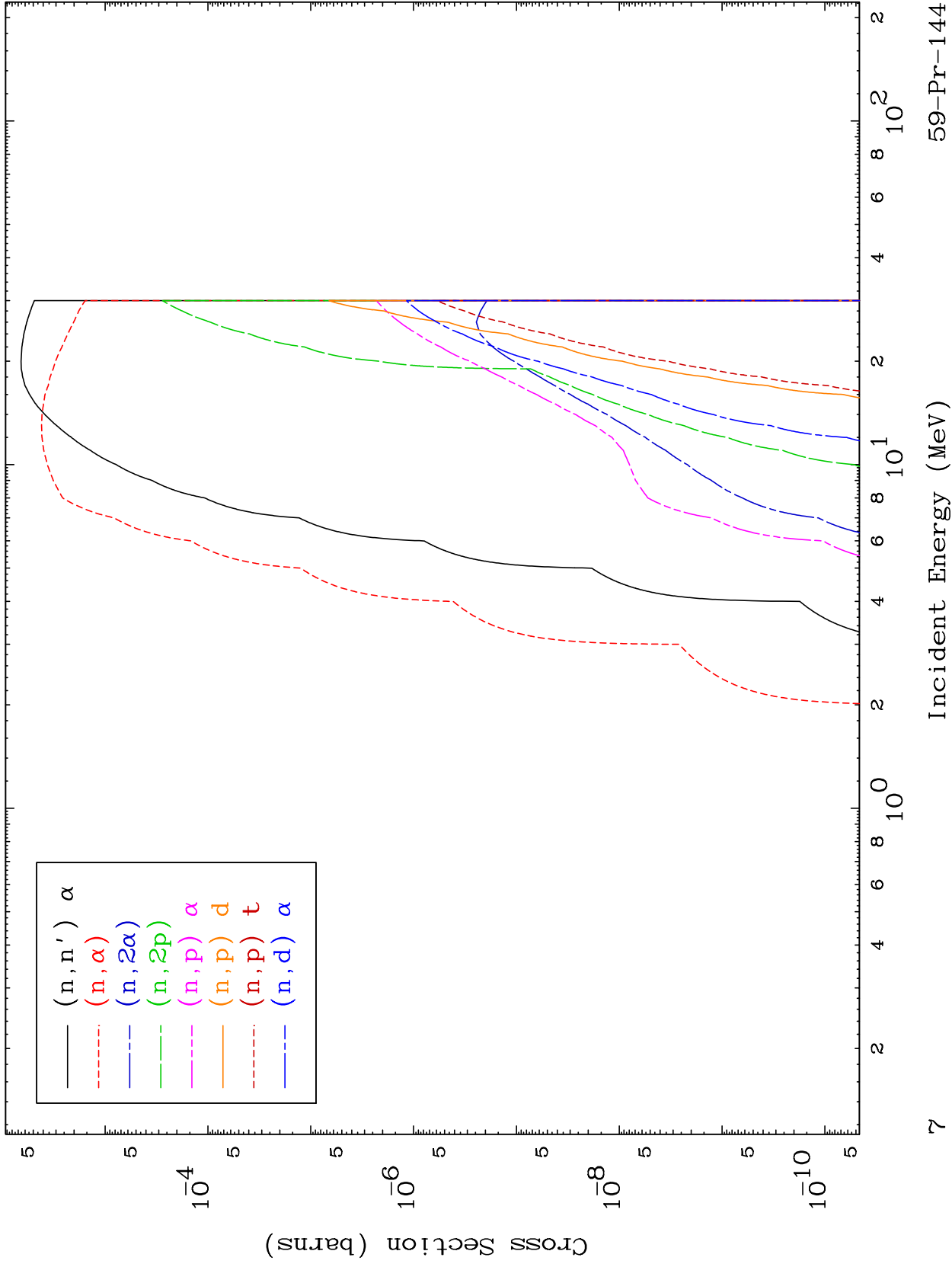




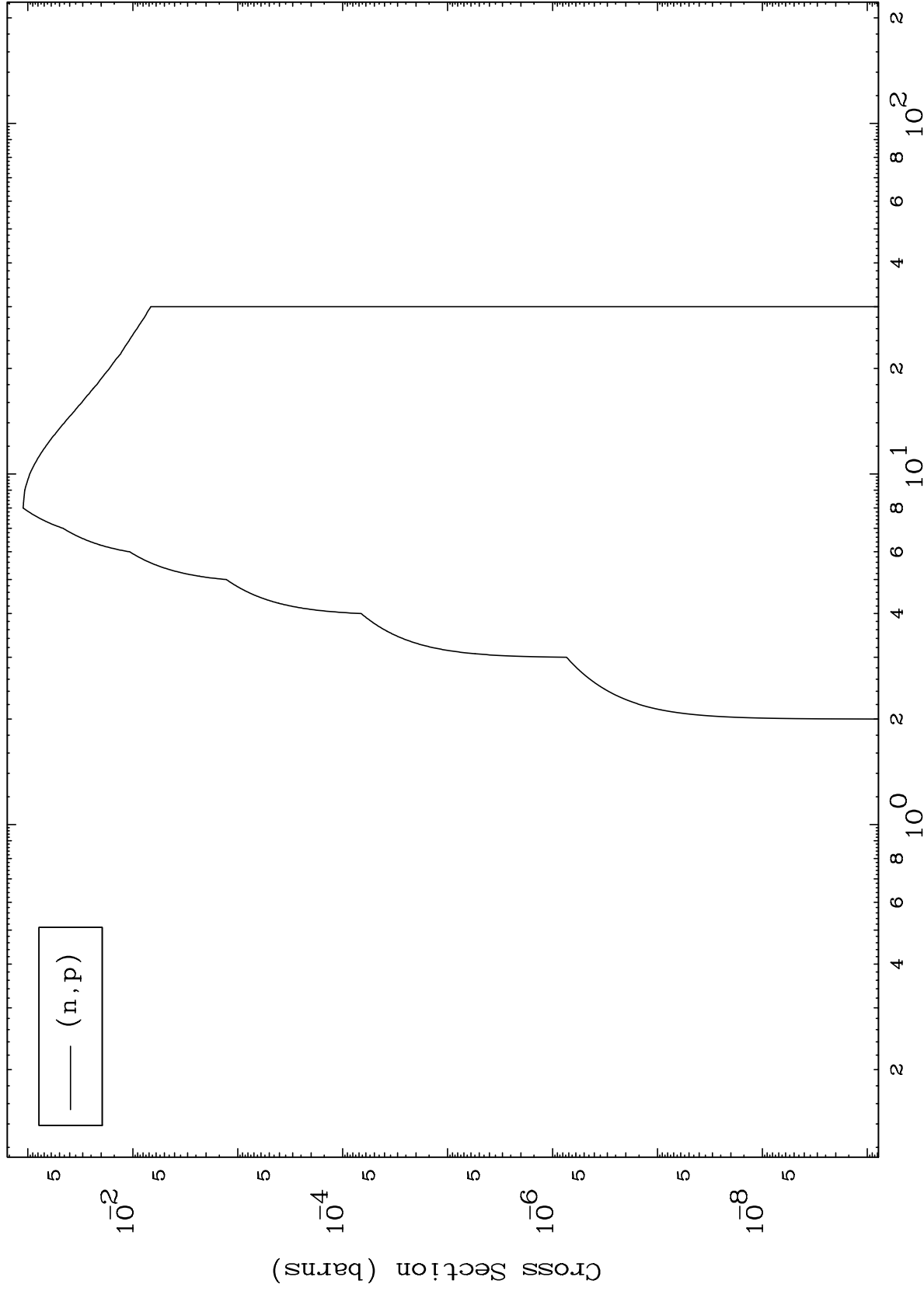




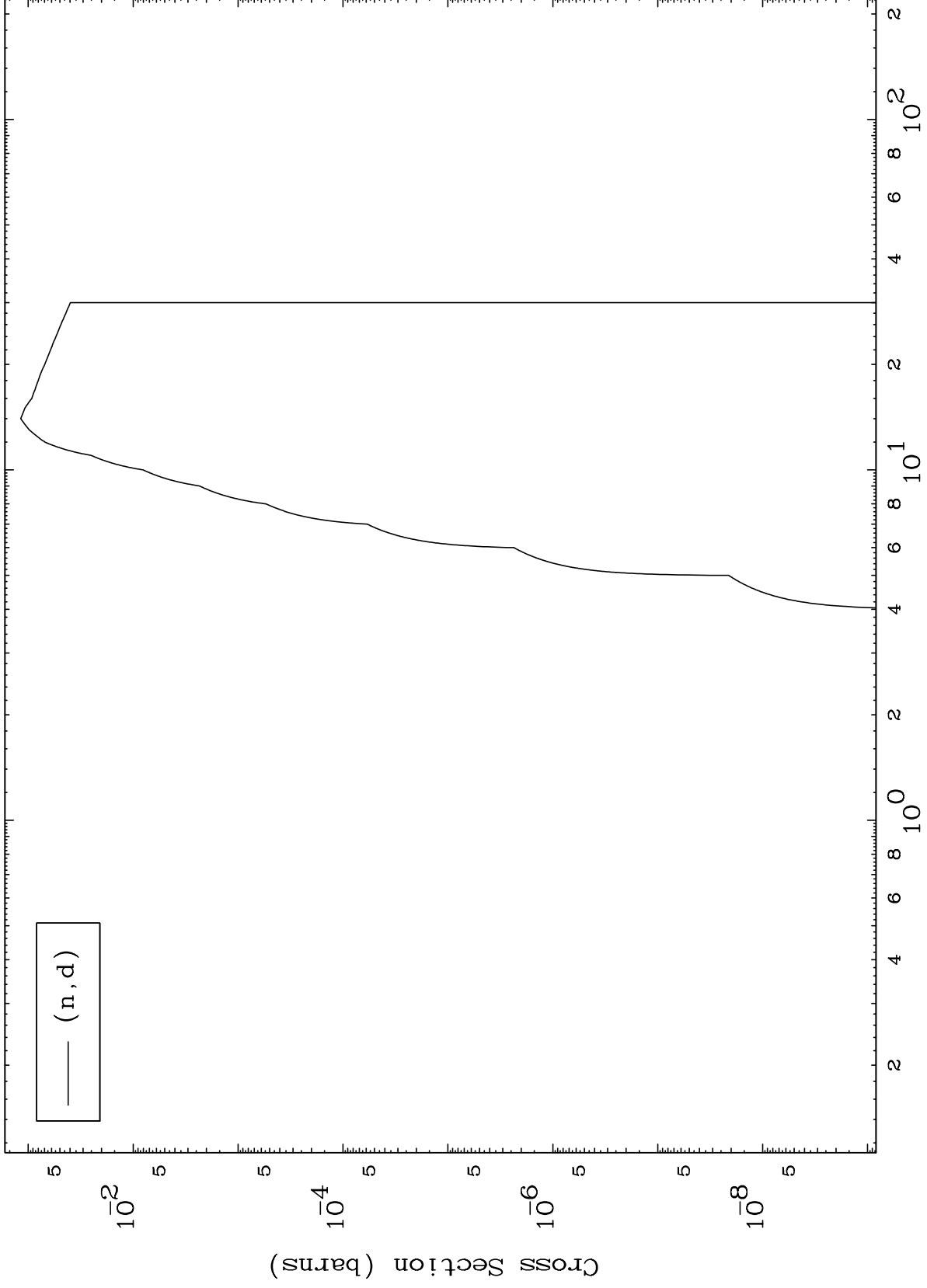




(d,p) Levels
0 Kelvin Cross Sections



(d,d) Levels
0 Kelvin Cross Sections

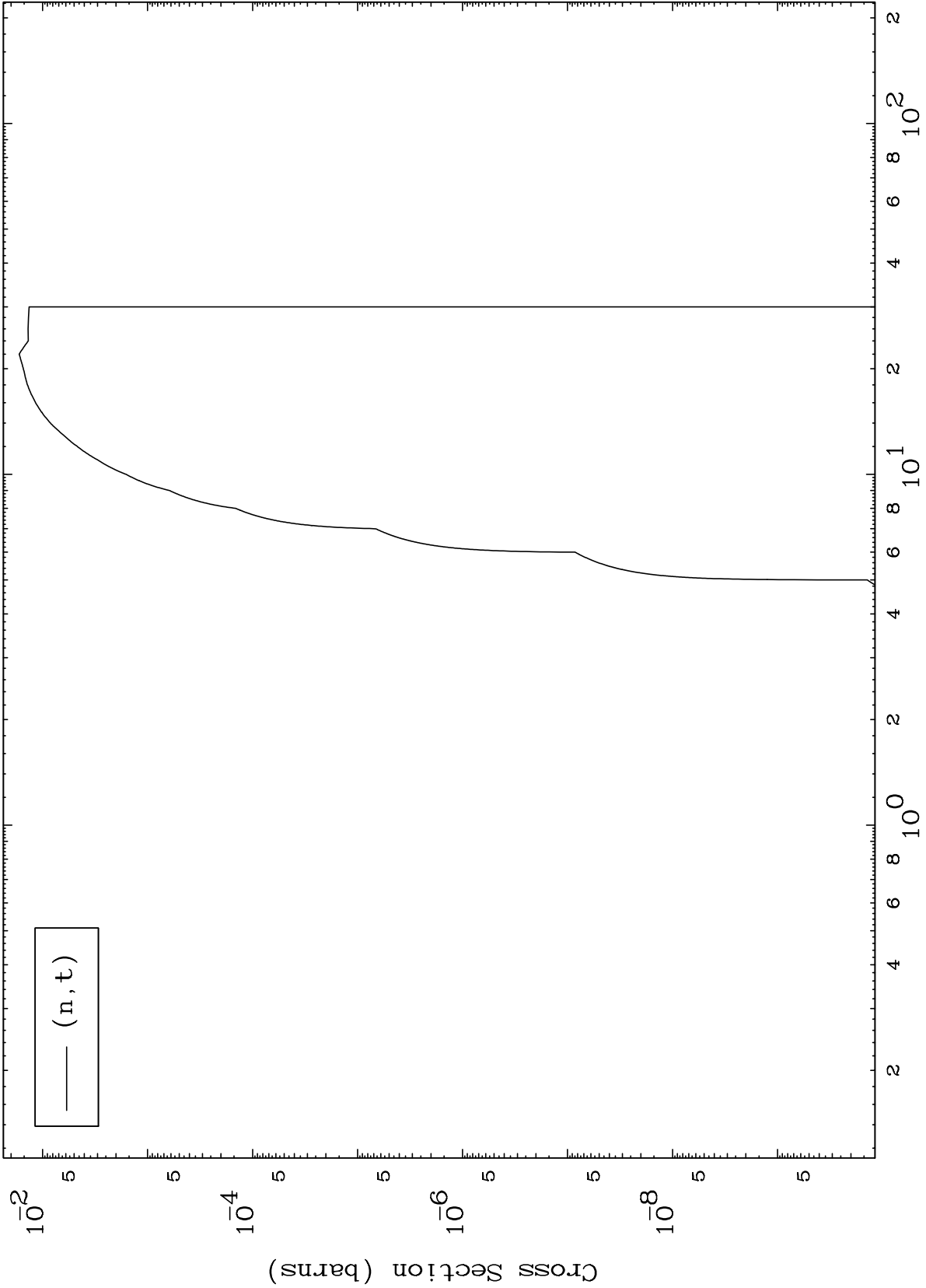


MAT 5934

(d, t) Levels

59-Pr-144

0 Kelvin Cross Sections



10

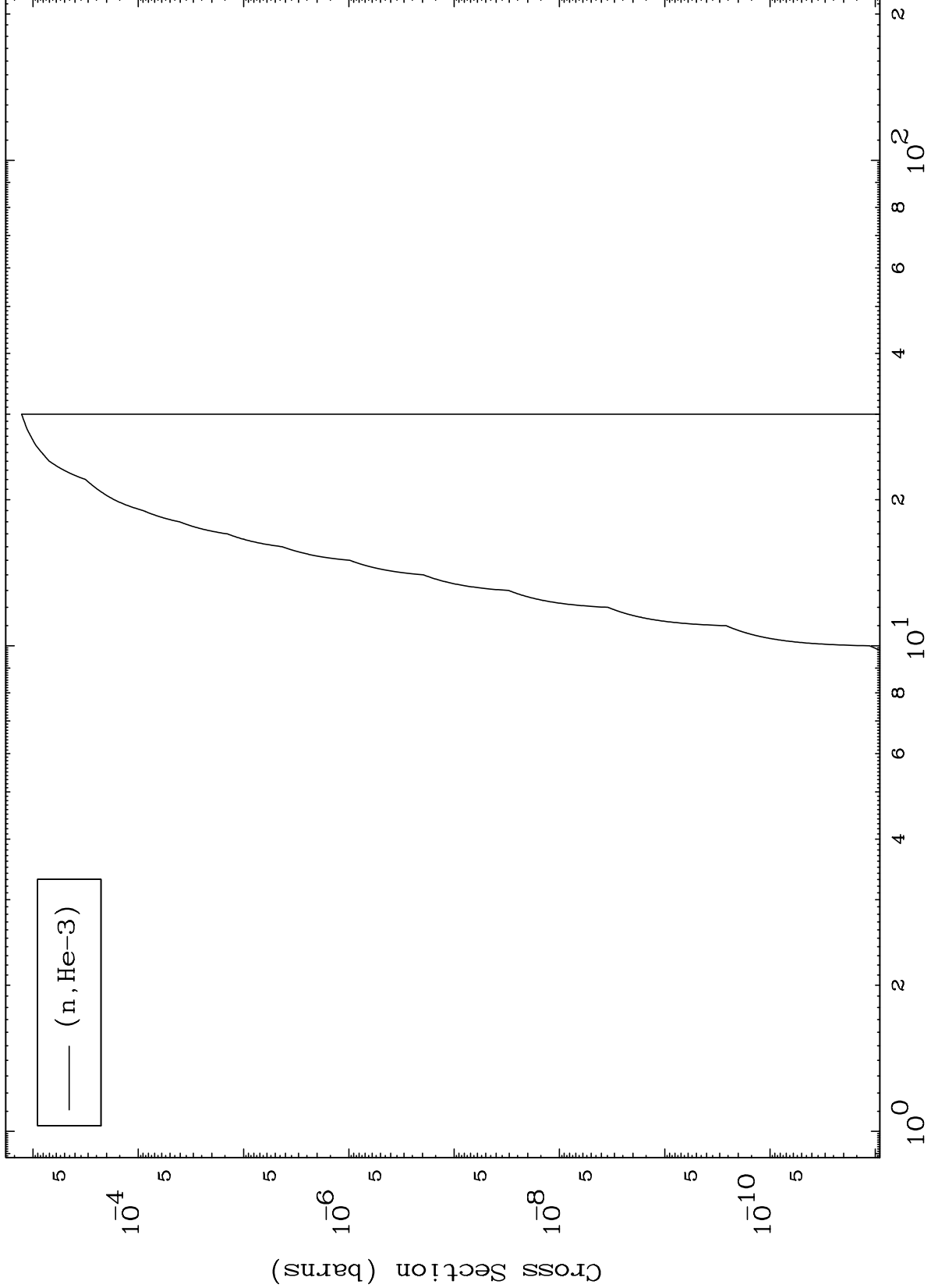
Incident Energy (MeV)

59-Pr-144

MAT 5934

59-Pr-144

(d,He3) Levels
0 Kelvin Cross Sections

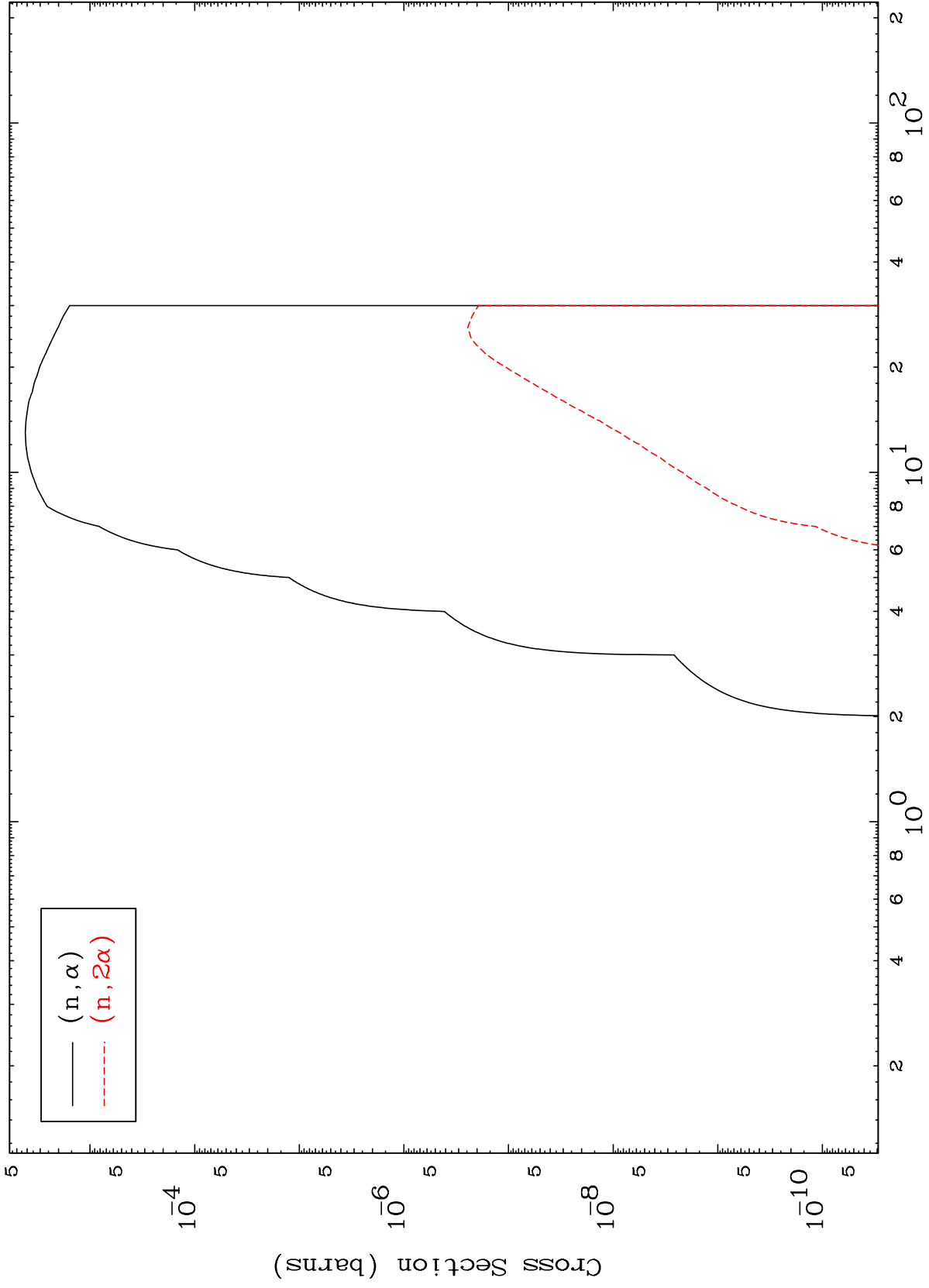


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Incident Energy (MeV)

59-Pr-144

(d, α) Levels
0 Kelvin Cross Sections

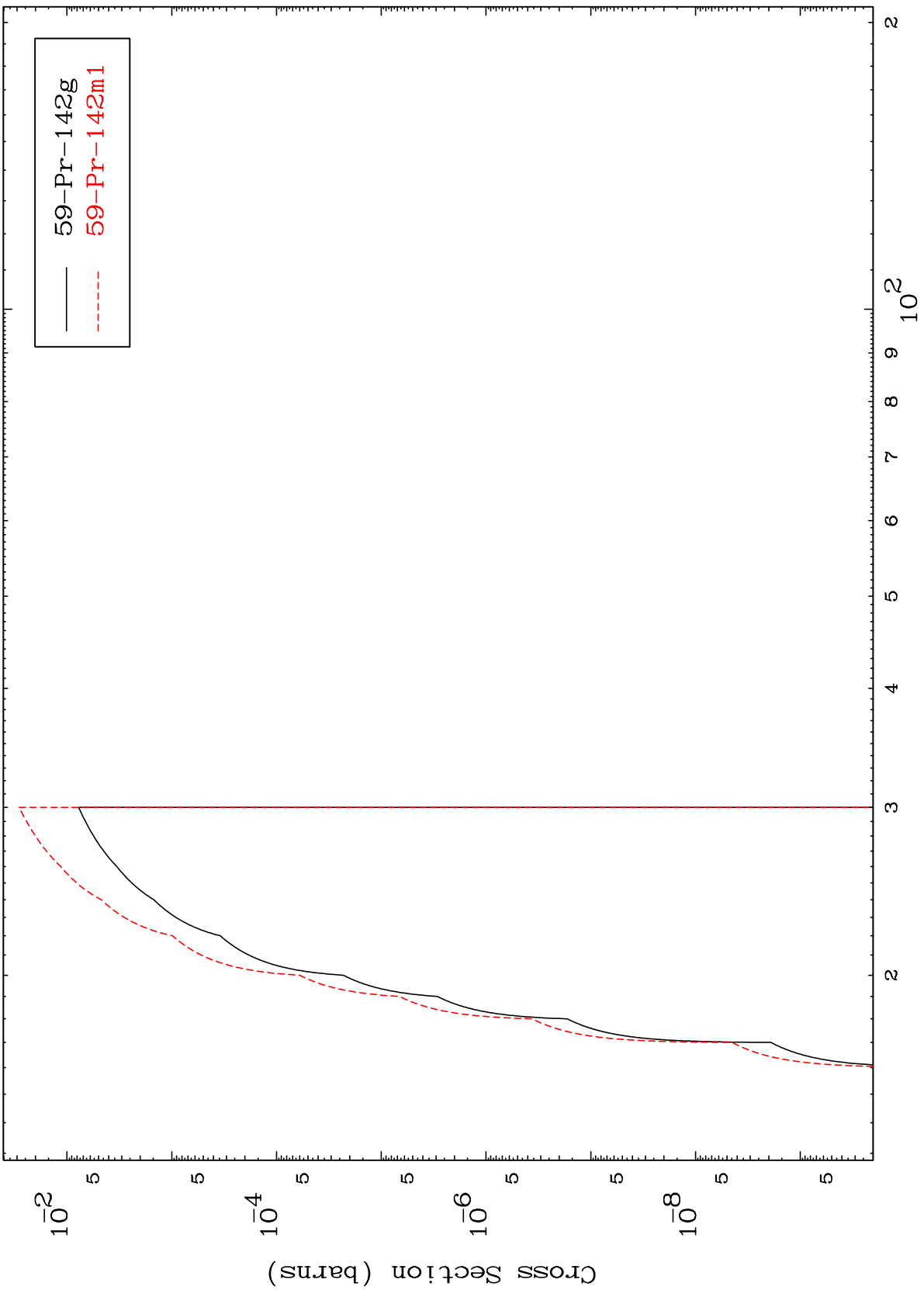


MAT 5934

(n,2n) d

59-Pr-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

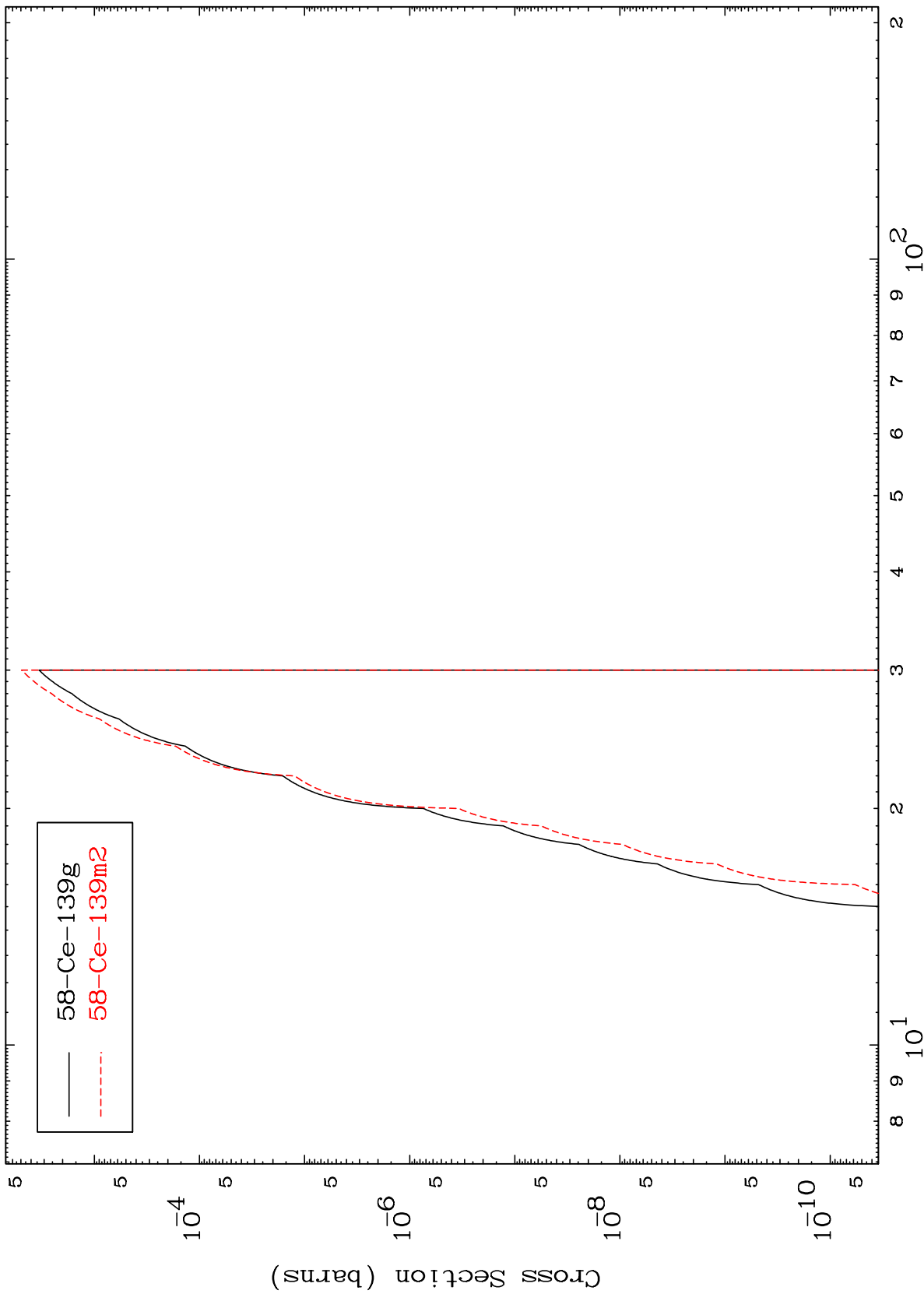
59-Pr-144

MAT 5934

(n,3n) α

59-Pr-144

Radionuclide Production Cross Section



58-Ce-139g
58-Ce-139m2

14

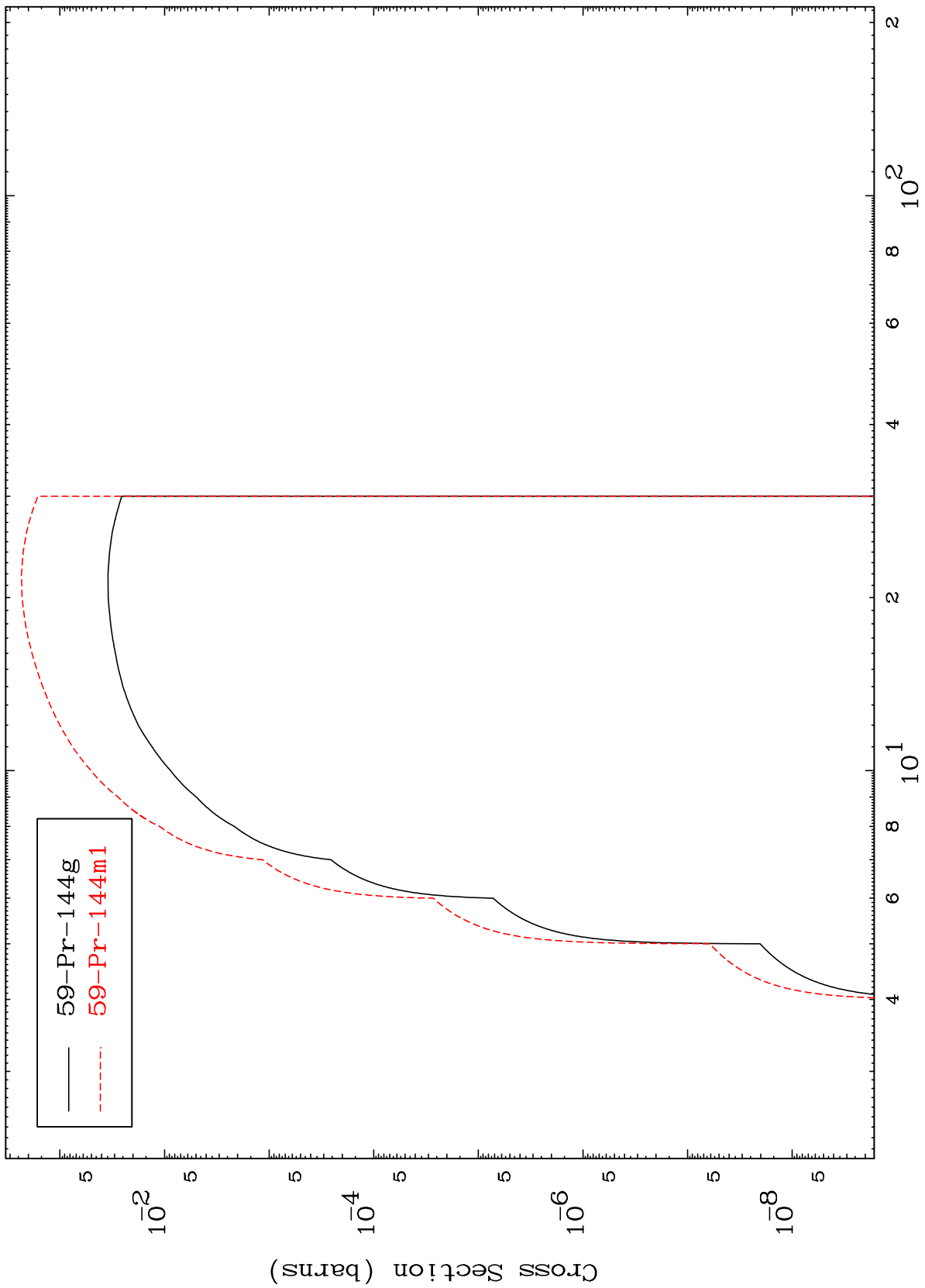
Incident Energy (MeV)

59-Pr-144

MAT 5934

59-Pr-144

(n,n') p
Radionuclide Production Cross Section



15

59-Pr-144

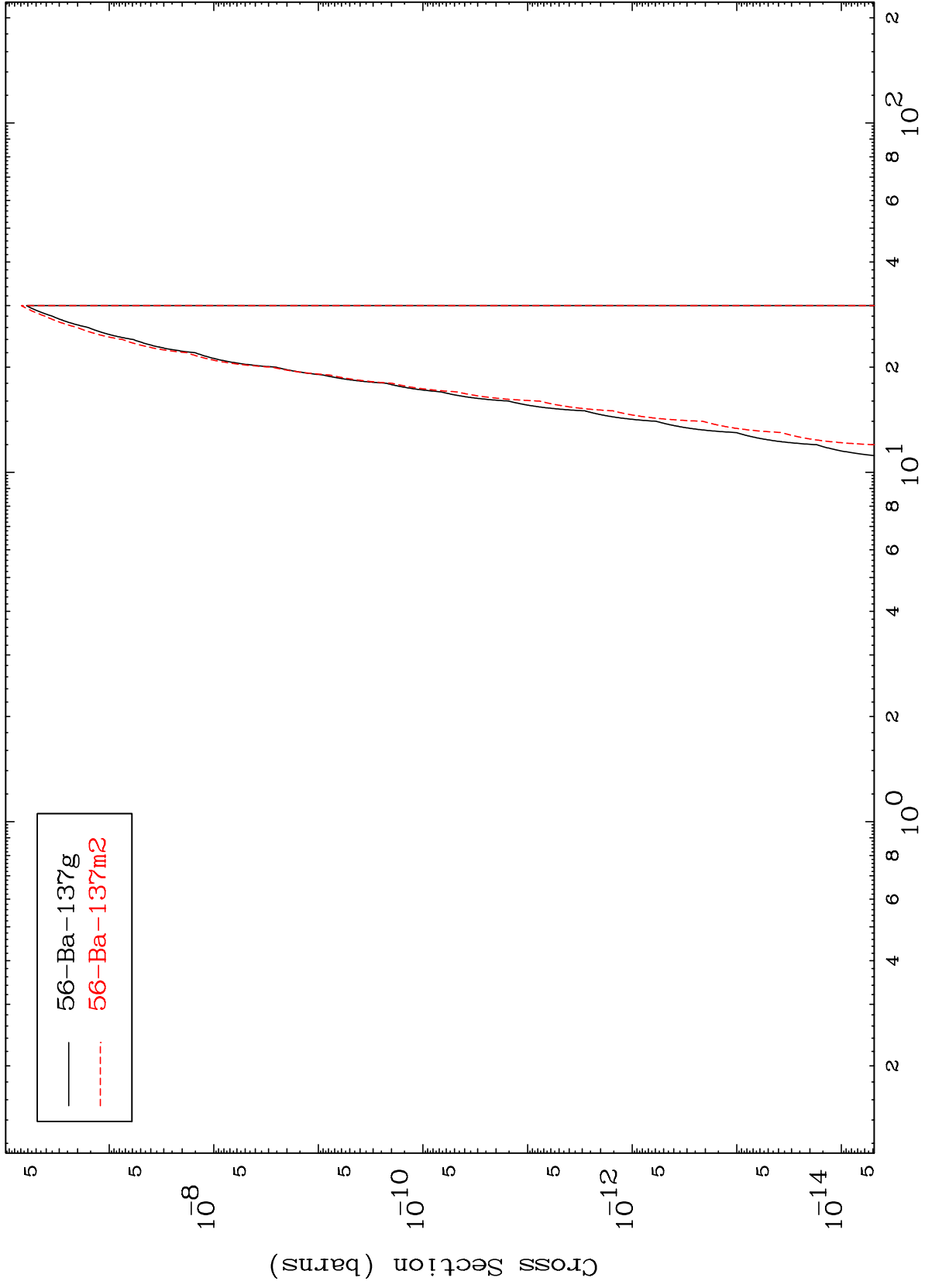
Incident Energy (MeV)

MAT 5934

(n,n') 2 α

59-Pr-144

Radionuclide Production Cross Section



16

Incident Energy (MeV)

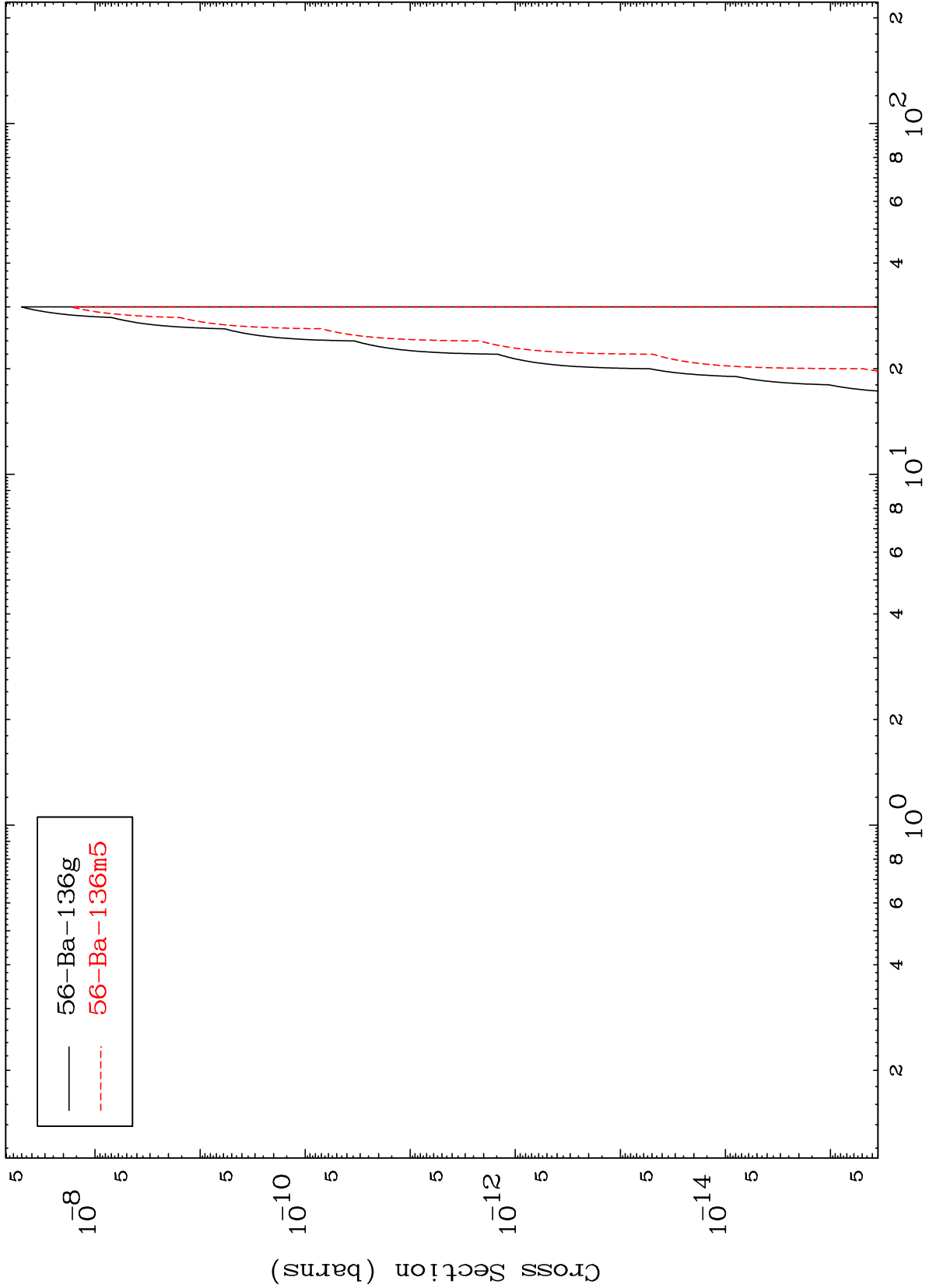
59-Pr-144

MAT 5934

(n,2n) 2 α

59-Pr-144

Radionuclide Production Cross Section

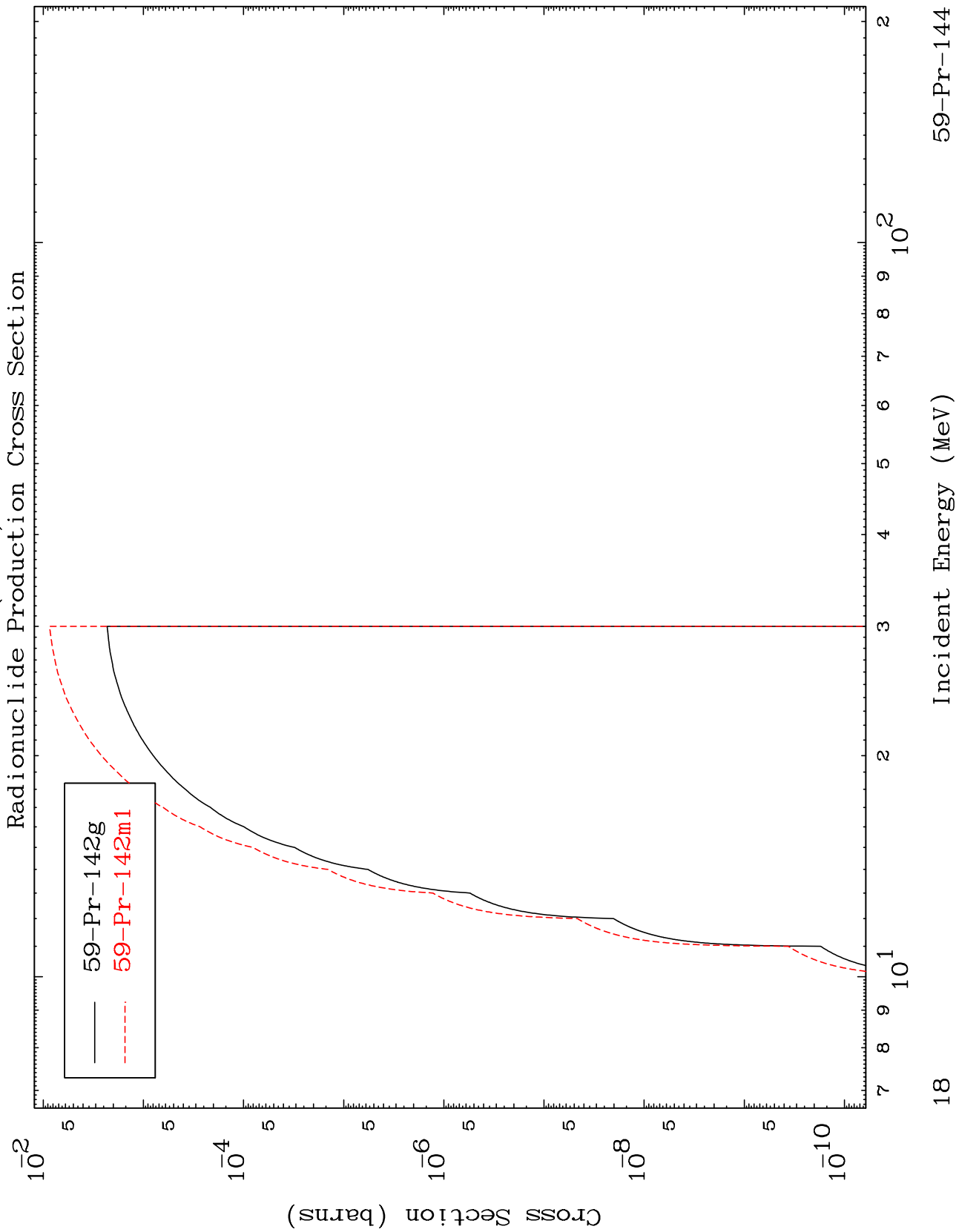


56-Ba-136g
56-Ba-136m5

MAT 5934

(n,n') t

59-Pr-144

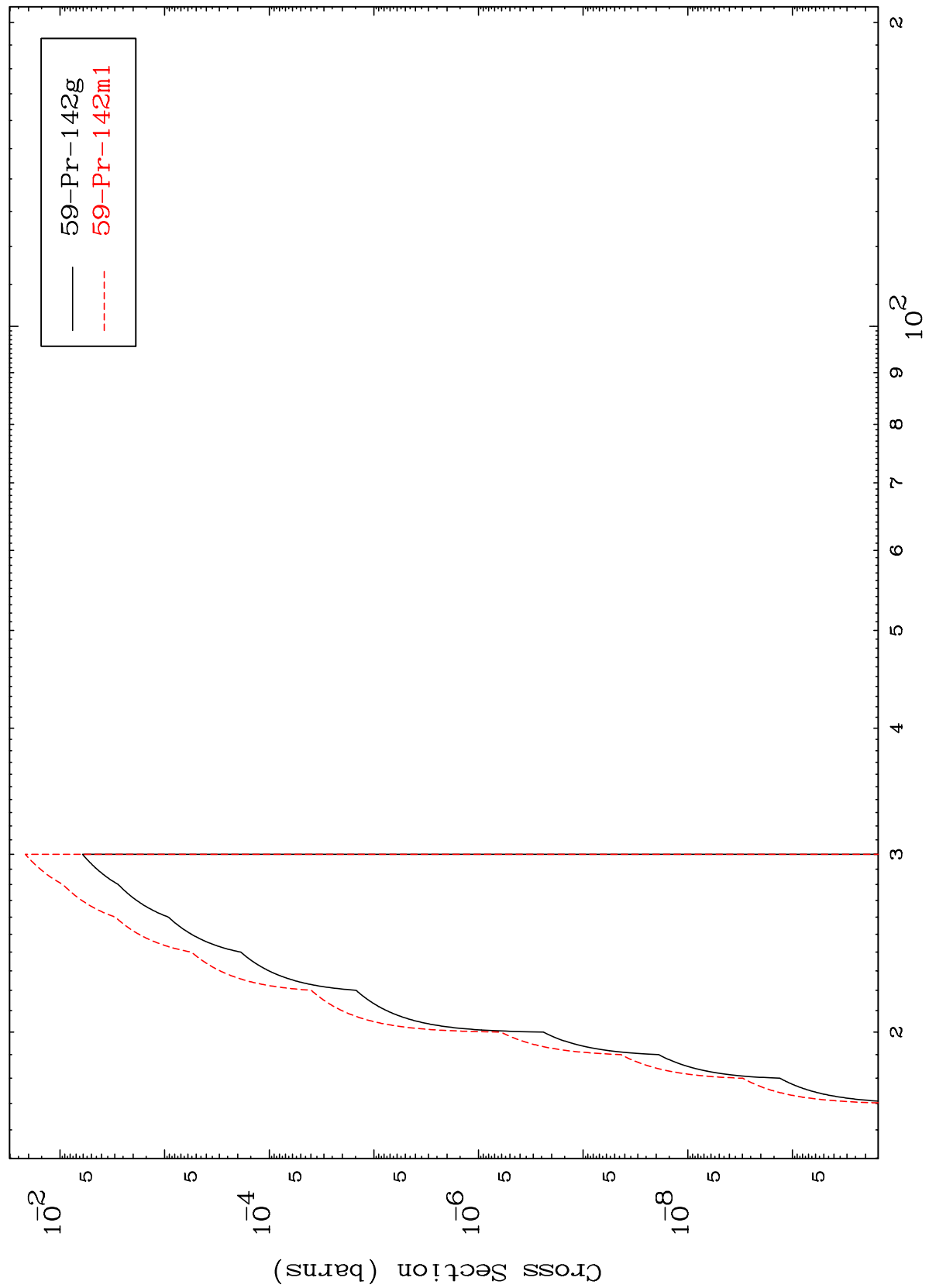


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59-Pr-144

59-Pr-144

Radionuclide Production Cross Section

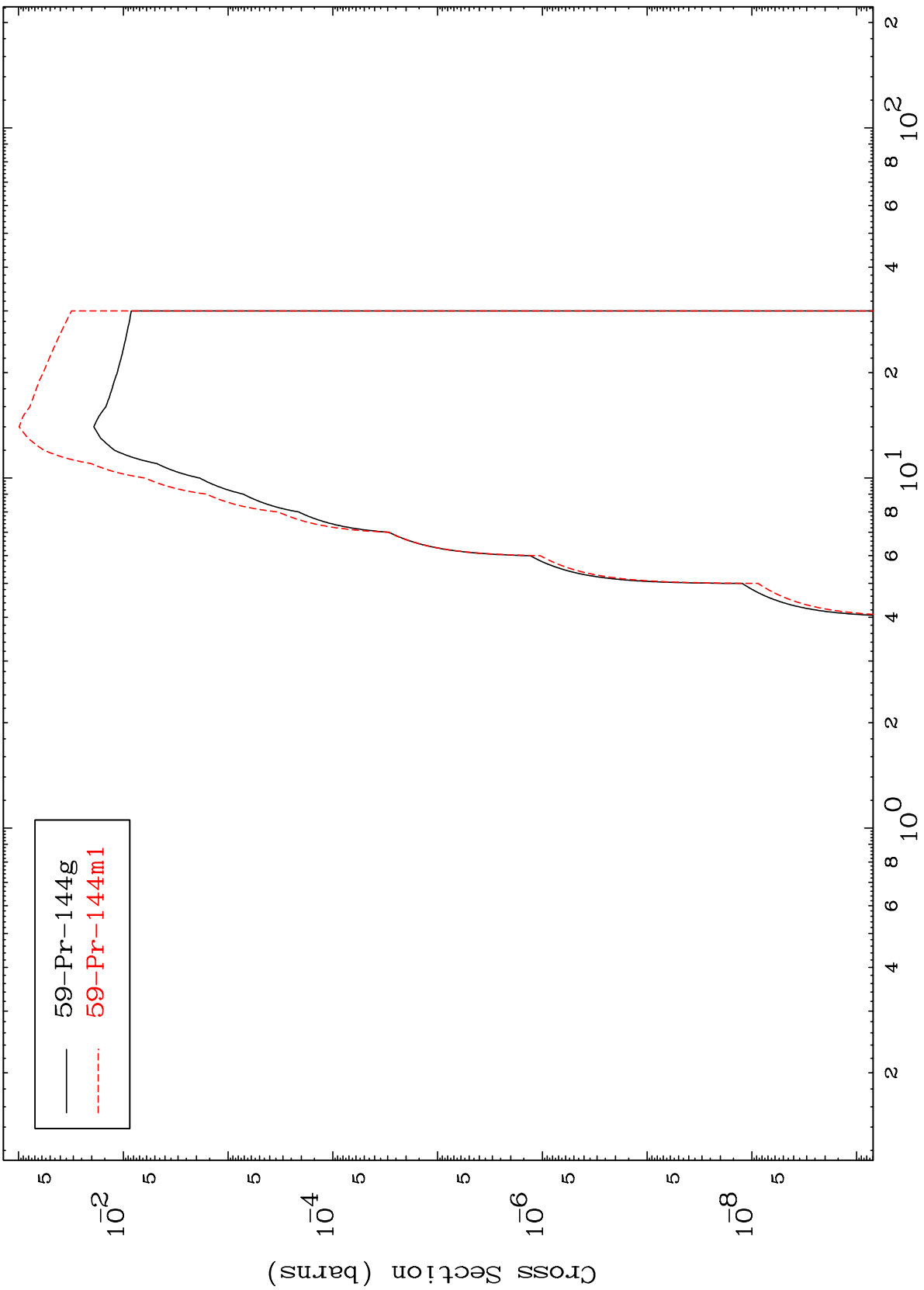


MAT 5934

(n,d)

59-Pr-144

Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-144