

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

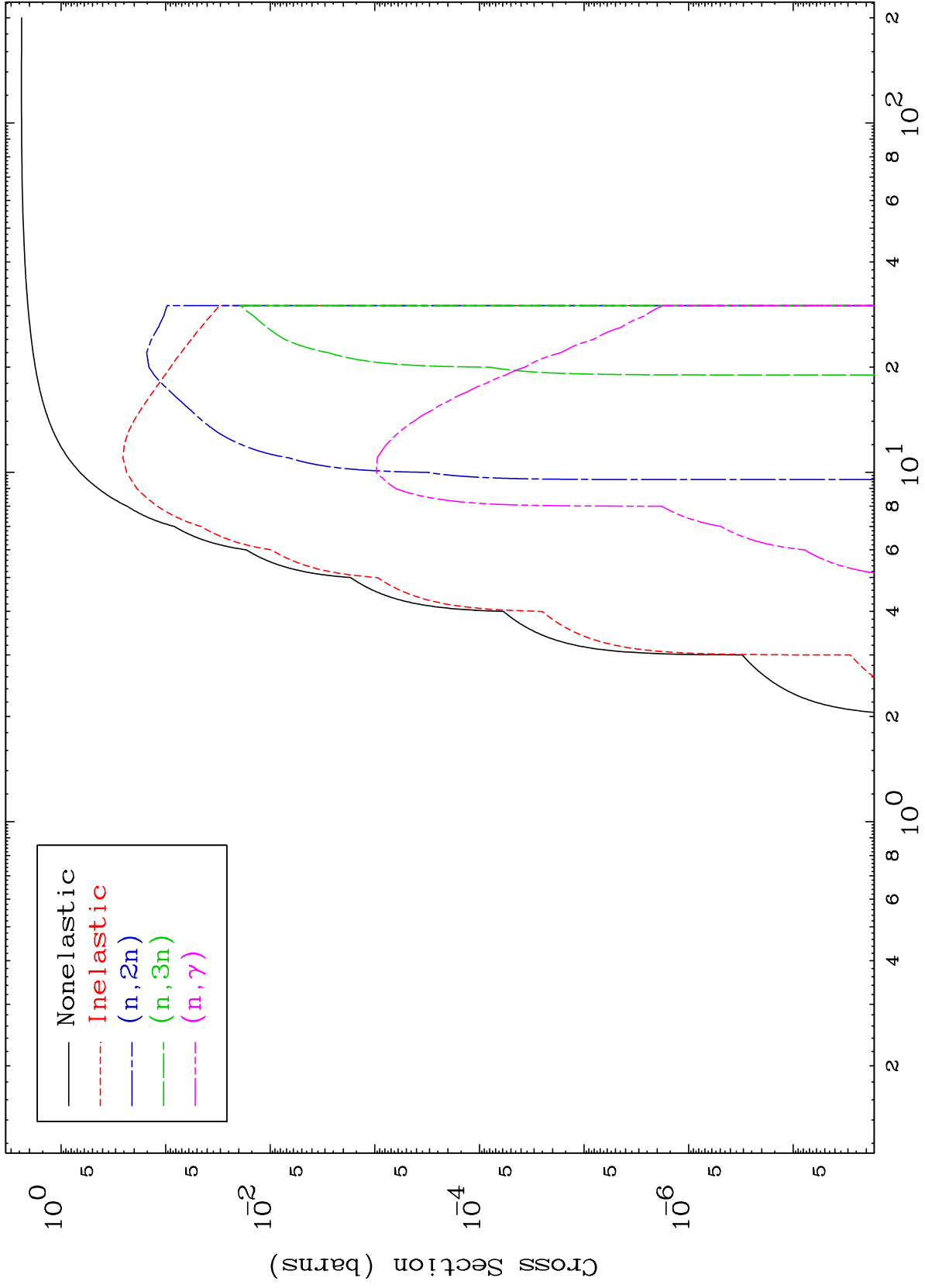
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

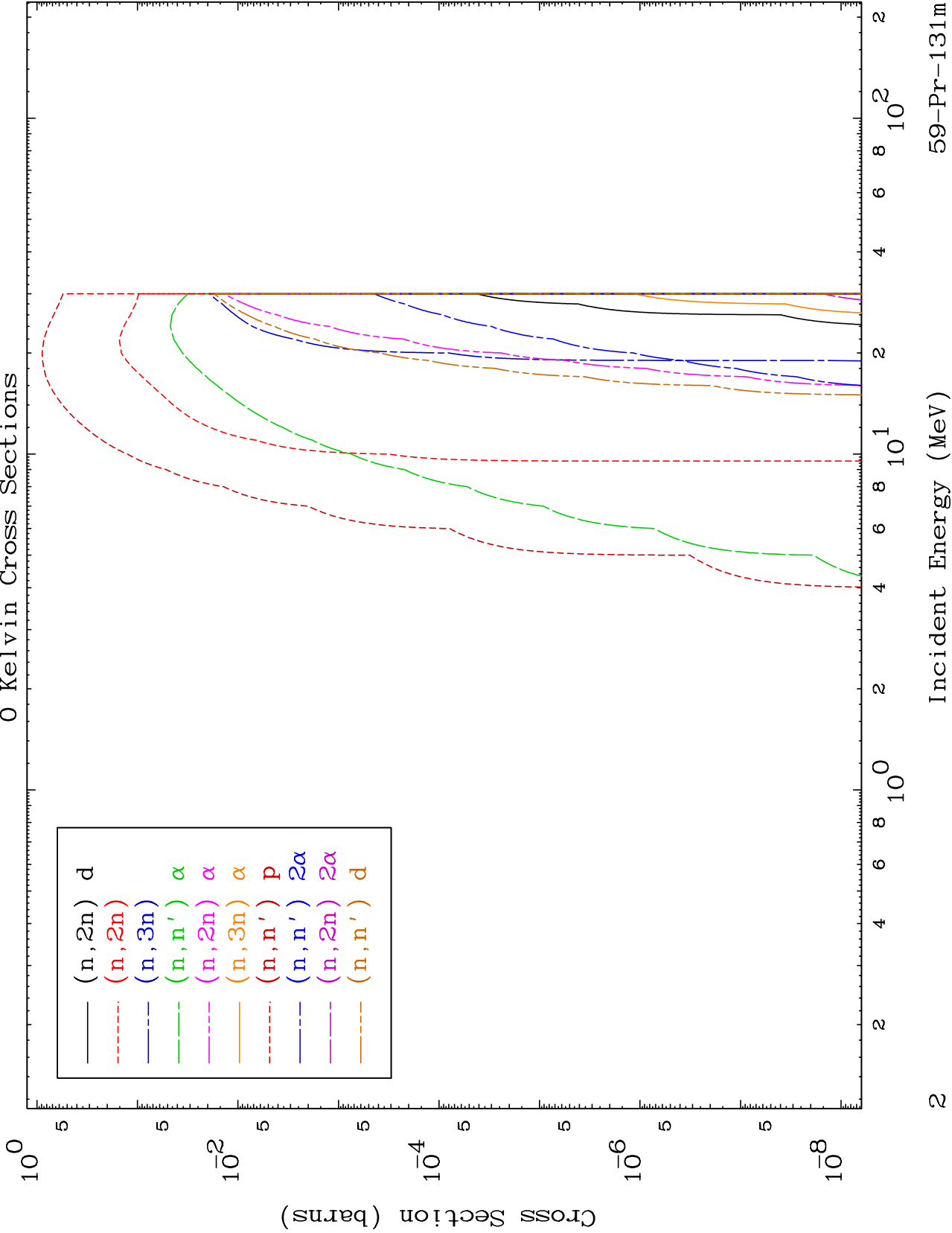
Tele: 925-443-1911

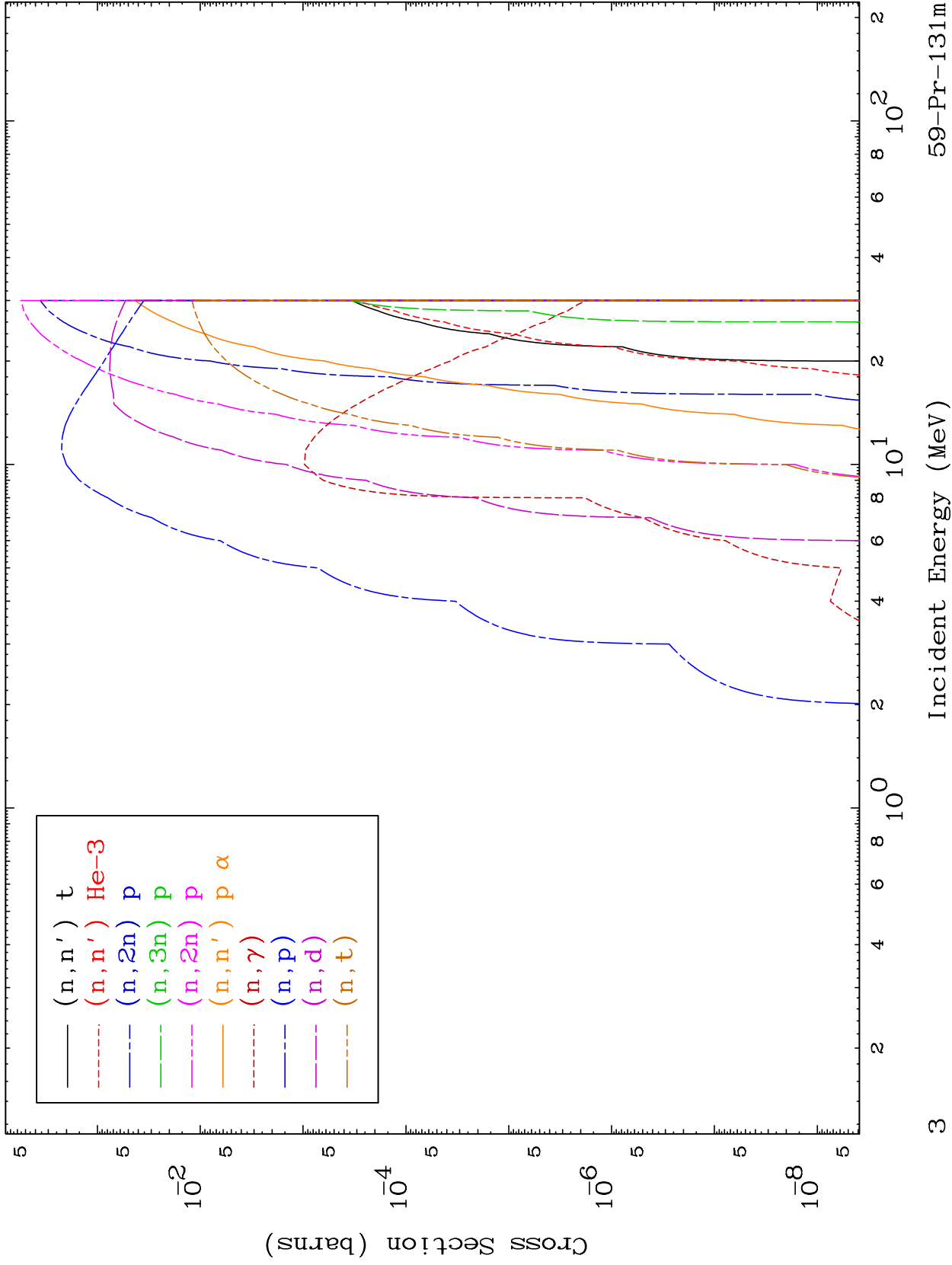
E.Mail: redcullen1@comcast.net

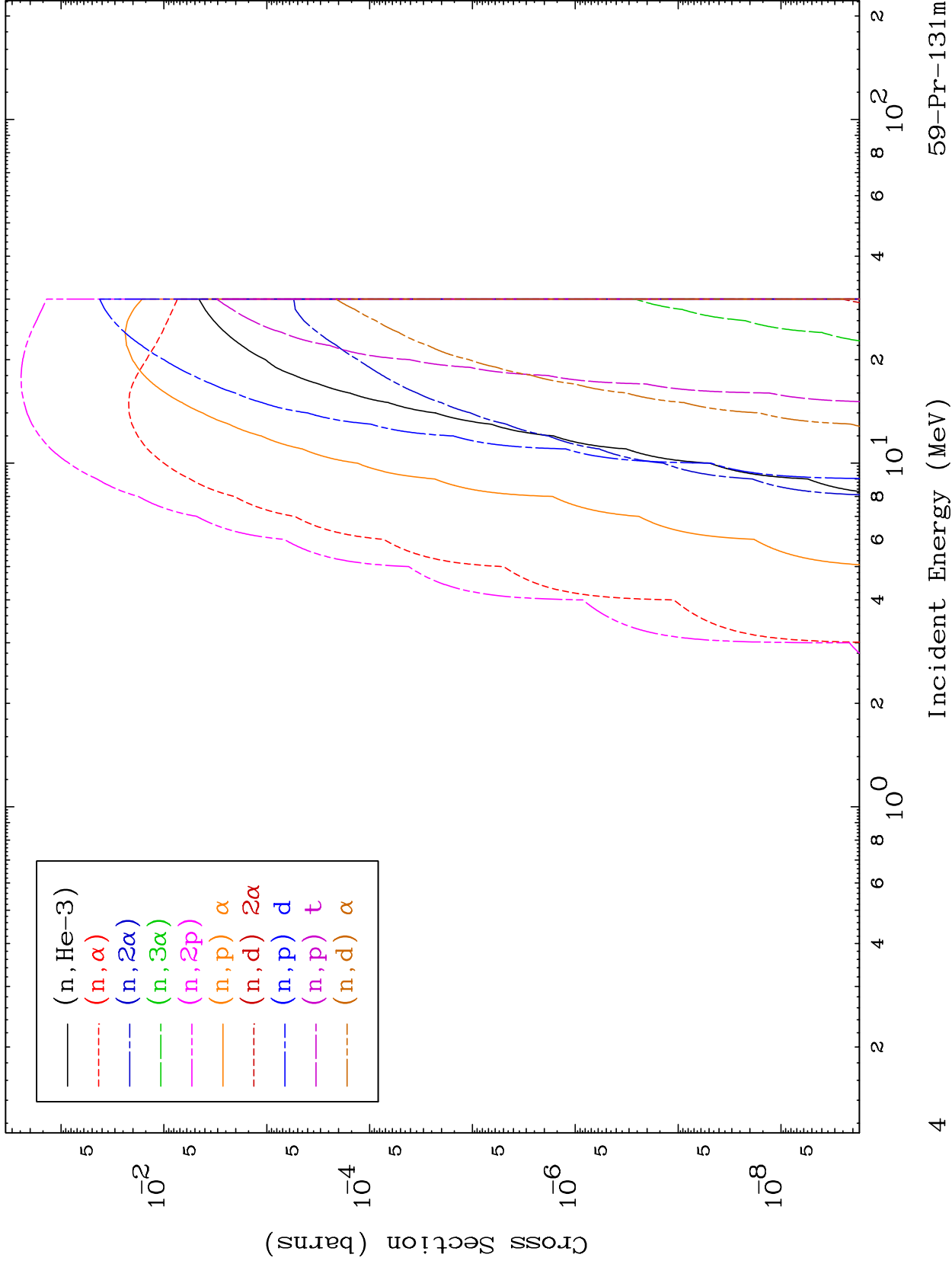
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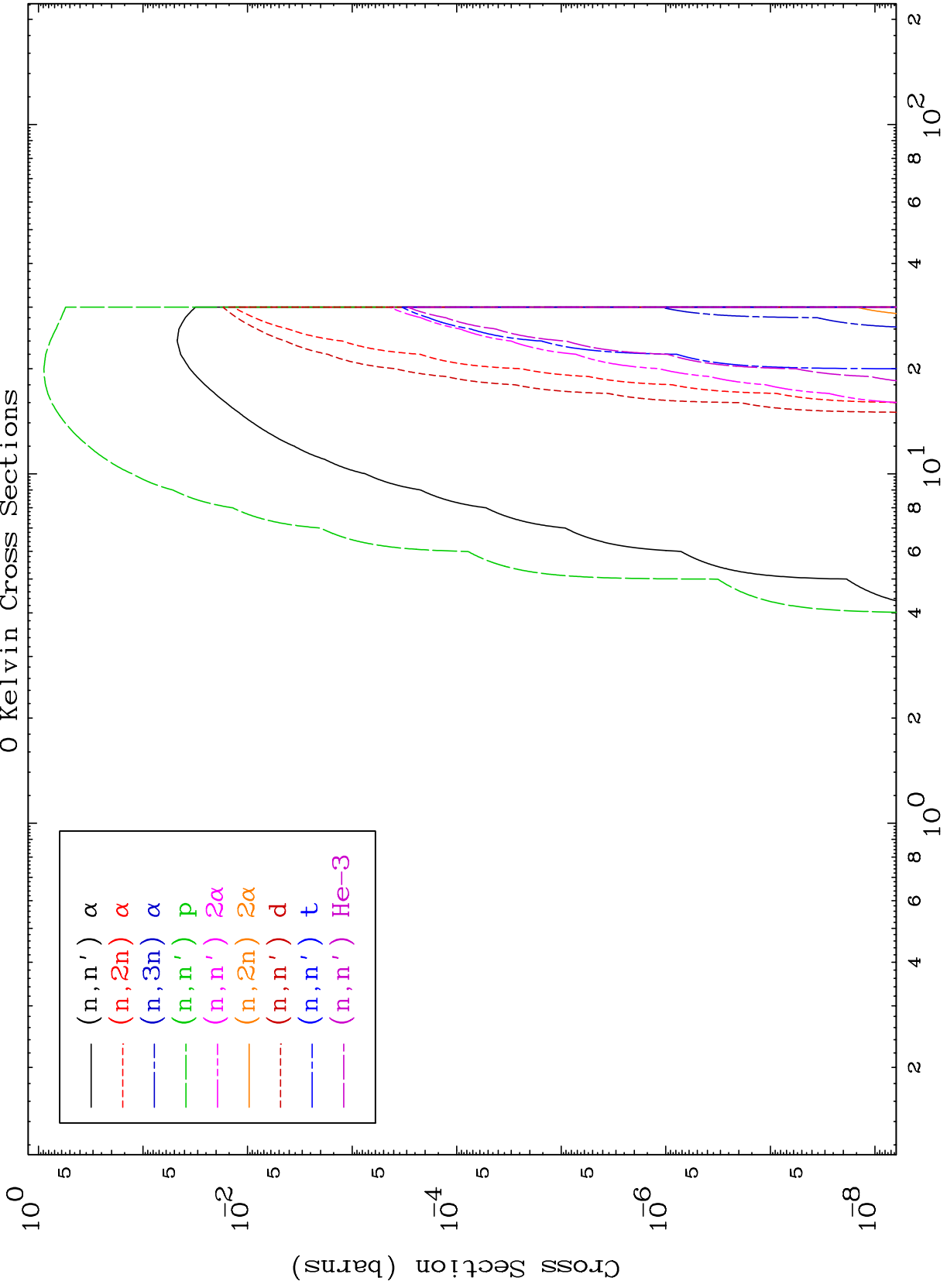
Press Mouse Button to Start

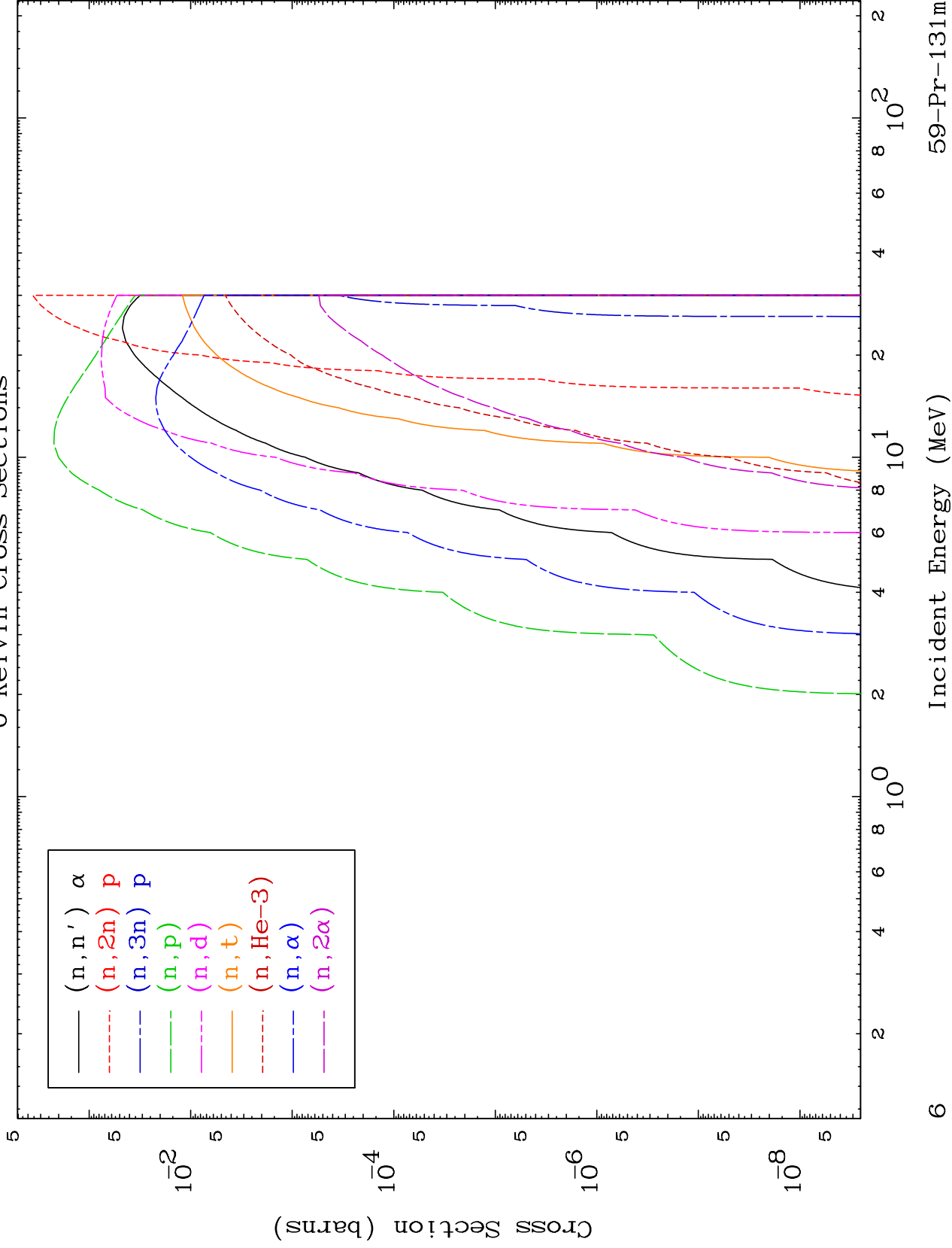


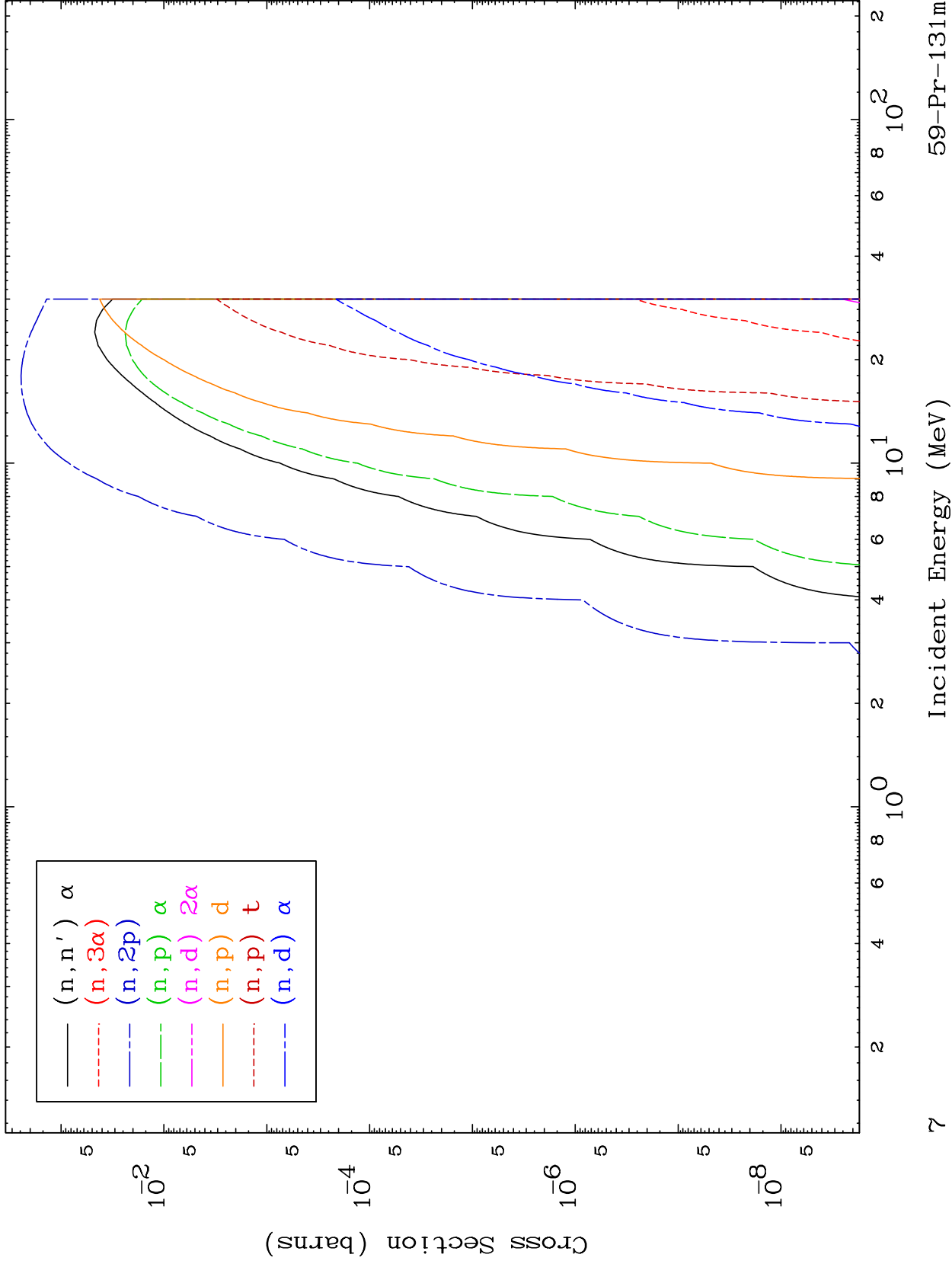










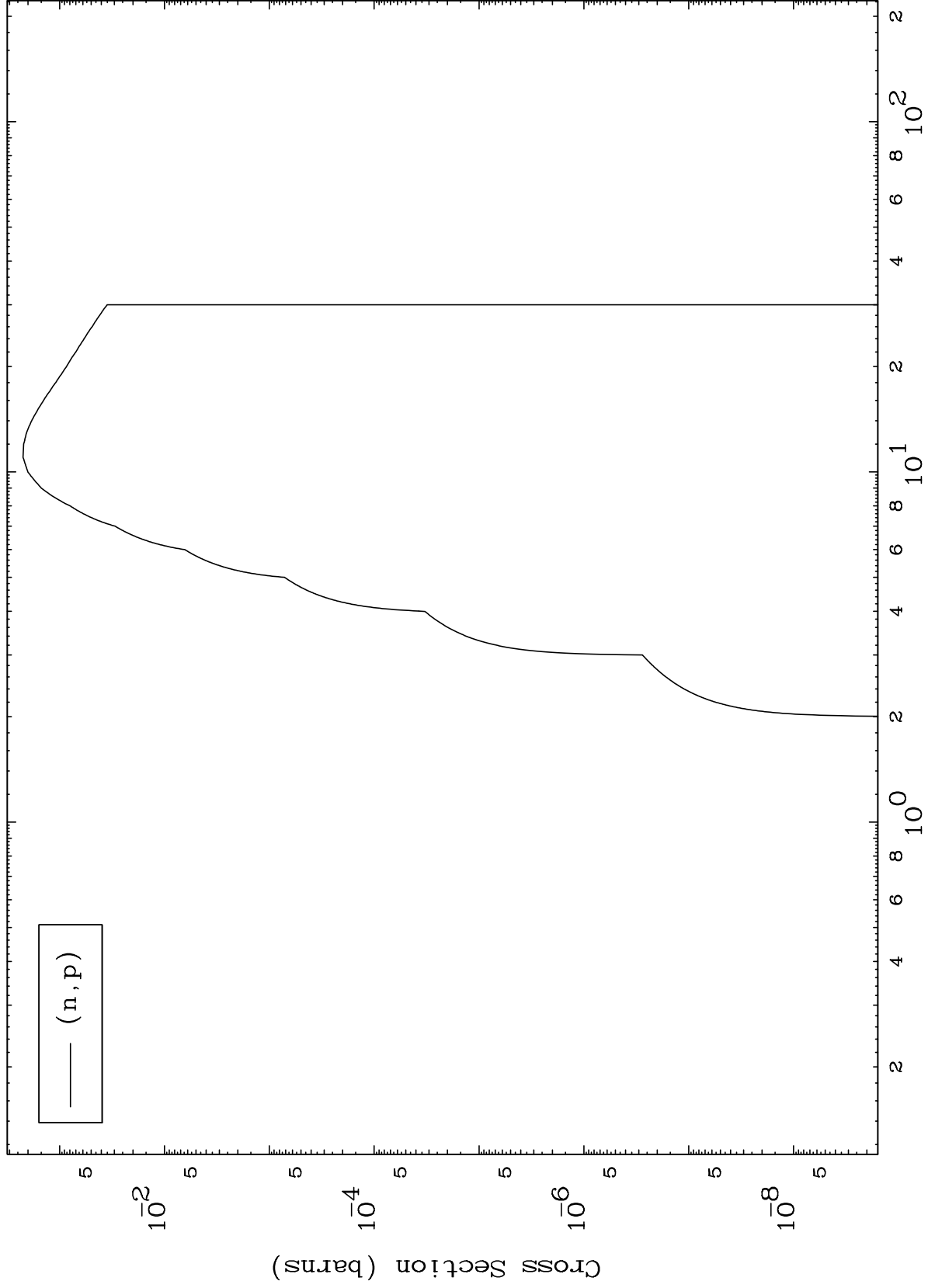


MAT 5896

(d,p) Levels

59-Pr-131m

0 Kelvin Cross Sections

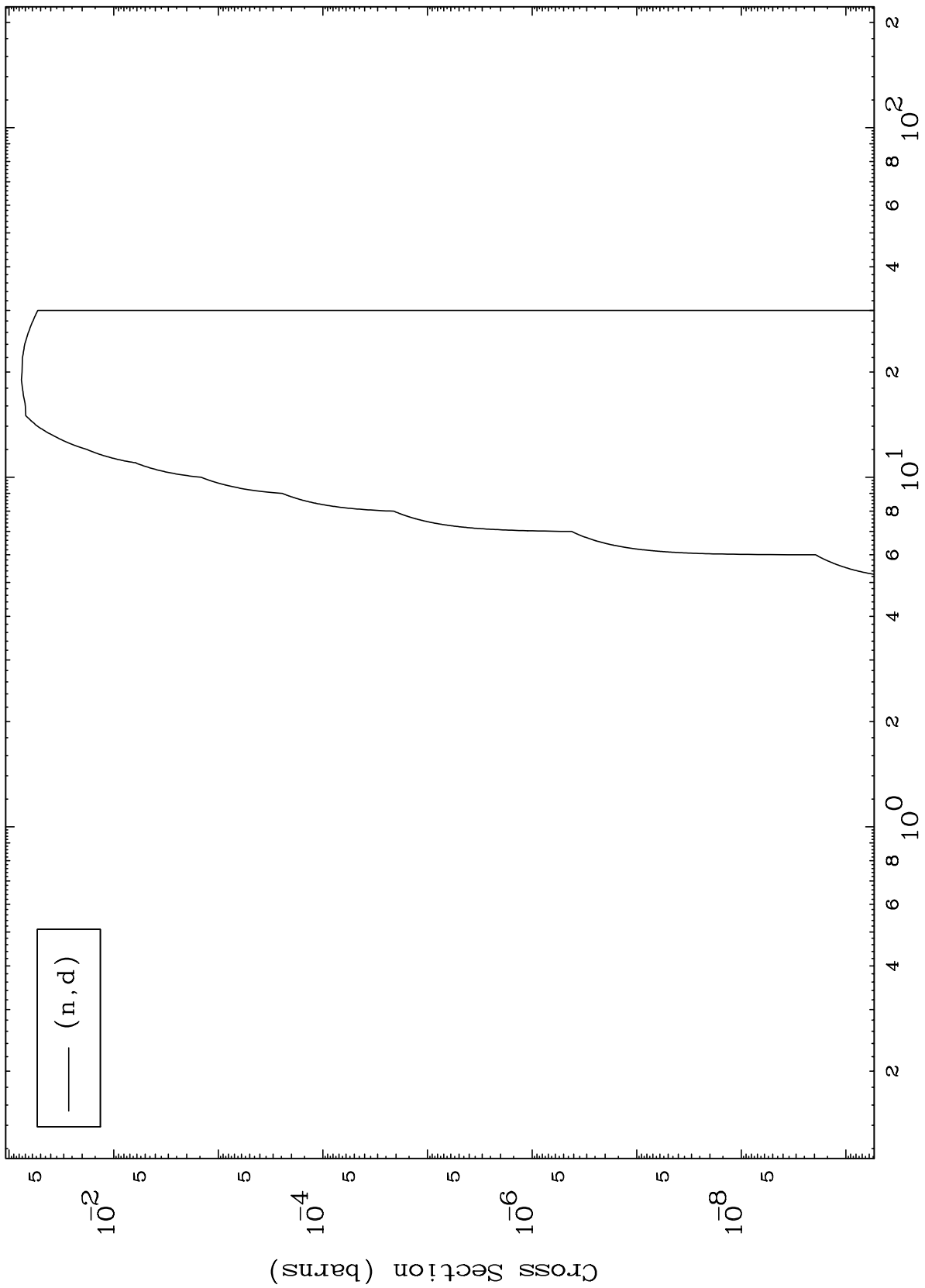


MAT 5896

(d,d) Levels

59-Pr-131m

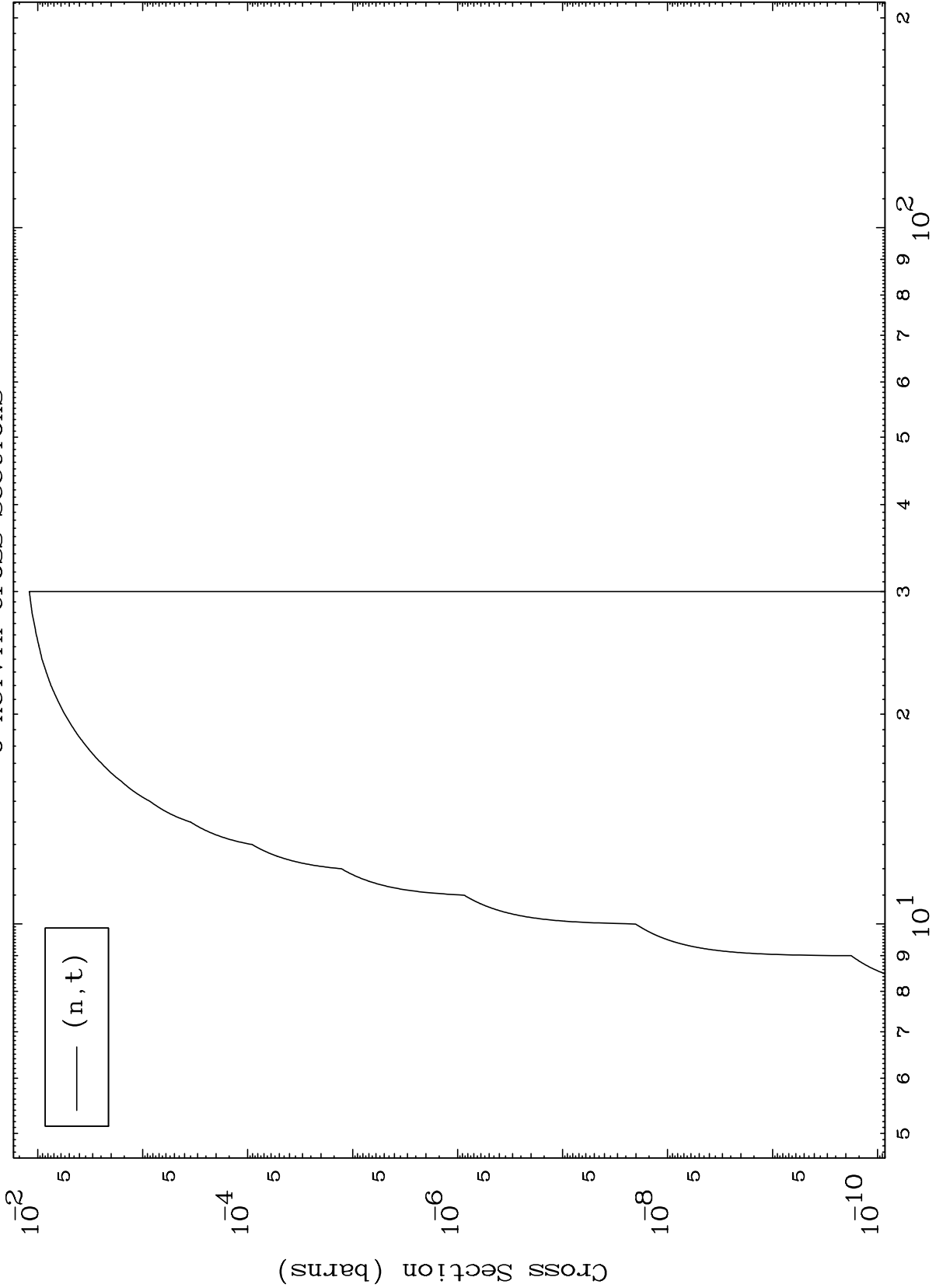
0 Kelvin Cross Sections



MAT 5896

(d,t) Levels
0 Kelvin Cross Sections

59-Pr-131m



10

Incident Energy (MeV)

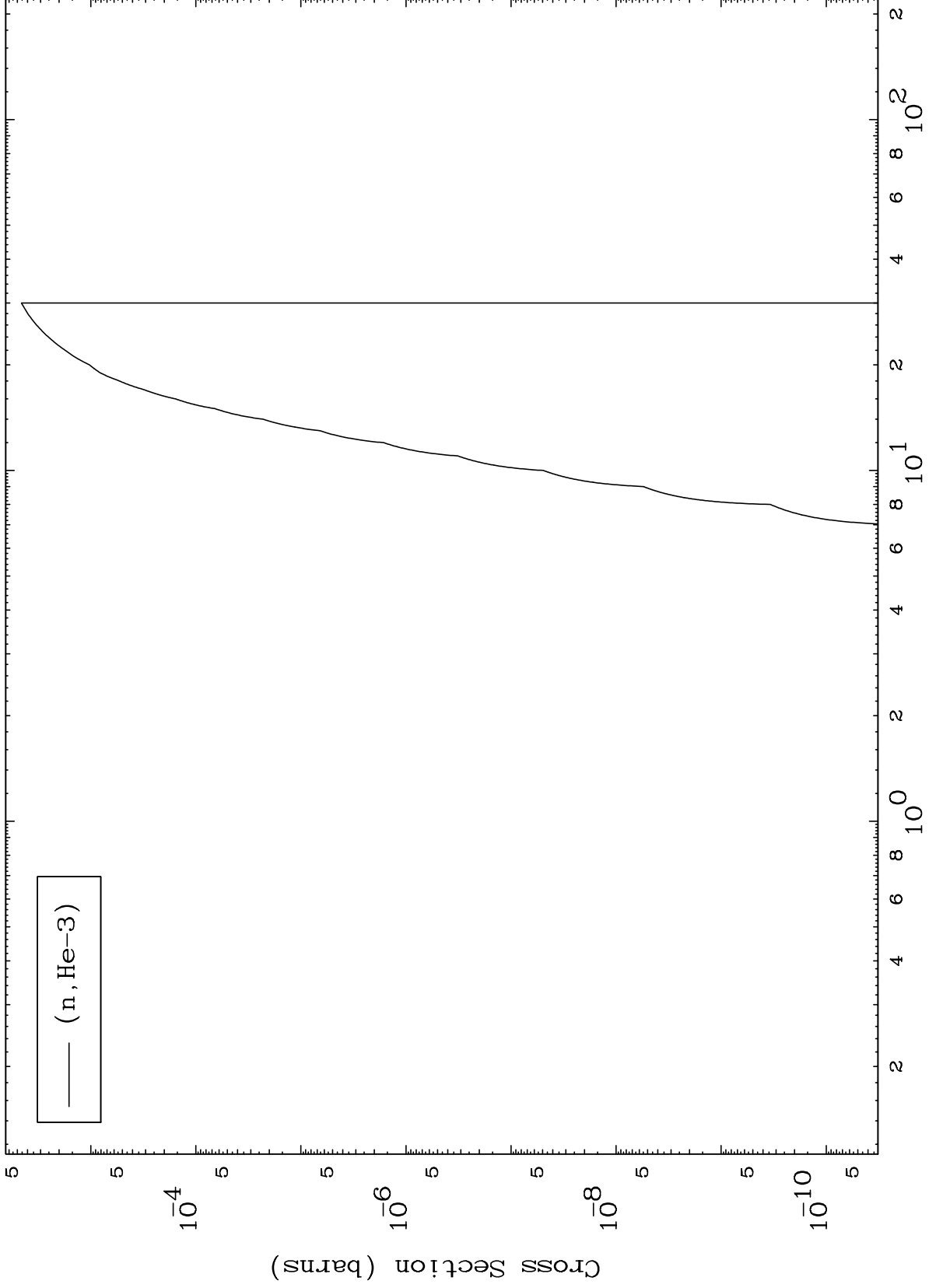
59-Pr-131m

MAT 5896

(d,He3) Levels

59-Pr-131m

0 Kelvin Cross Sections

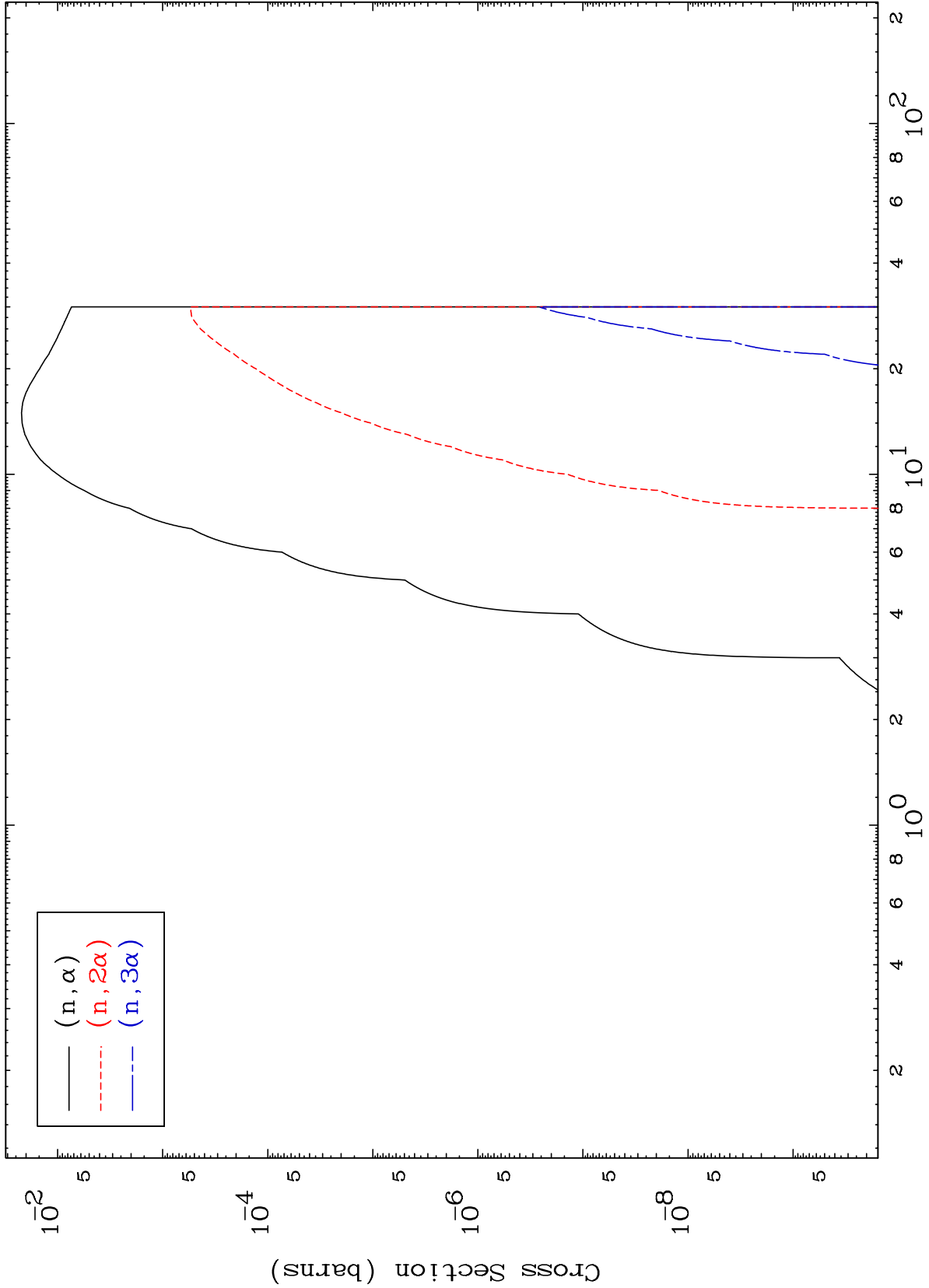


MAT 5896

(d, α) Levels

59-Pr-131m

0 Kelvin Cross Sections

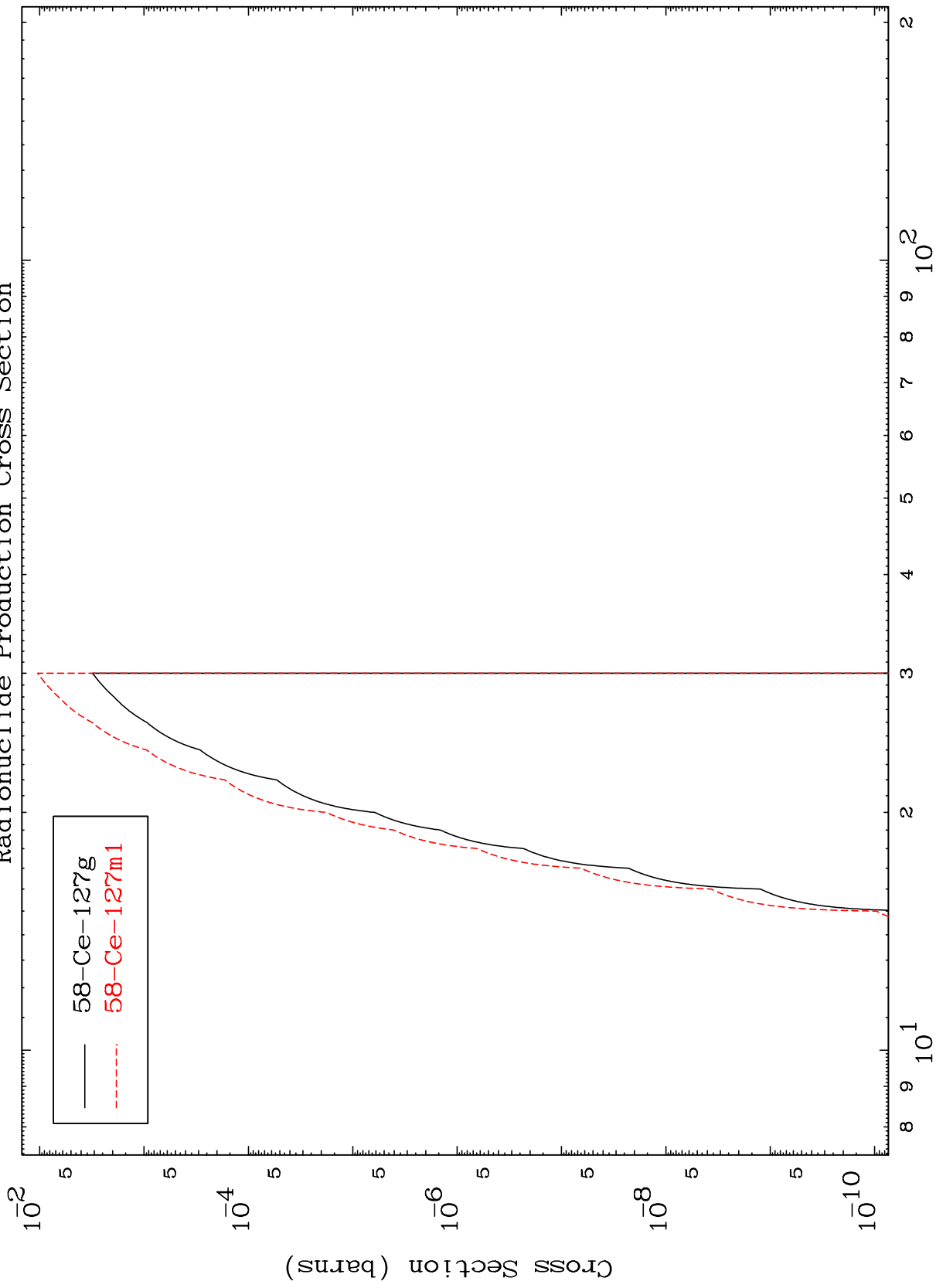


MAT 5896

(n,2n) α

59-Pr-131m

Radionuclide Production Cross Section



13

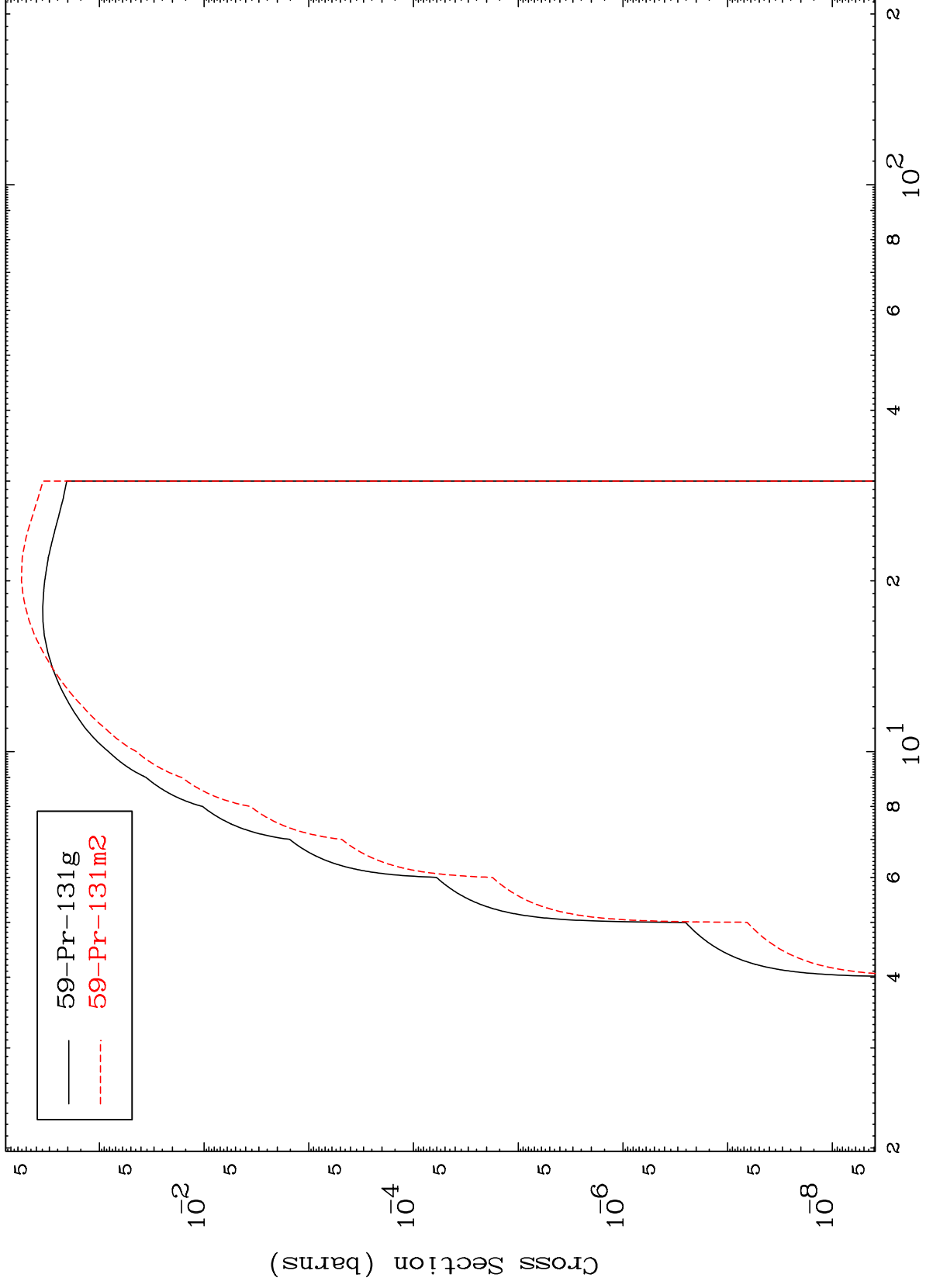
Incident Energy (MeV)

59-Pr-131m

MAT 5896

59-Pr-131m

(n,n') p
Radionuclide Production Cross Section



14

Incident Energy (MeV)

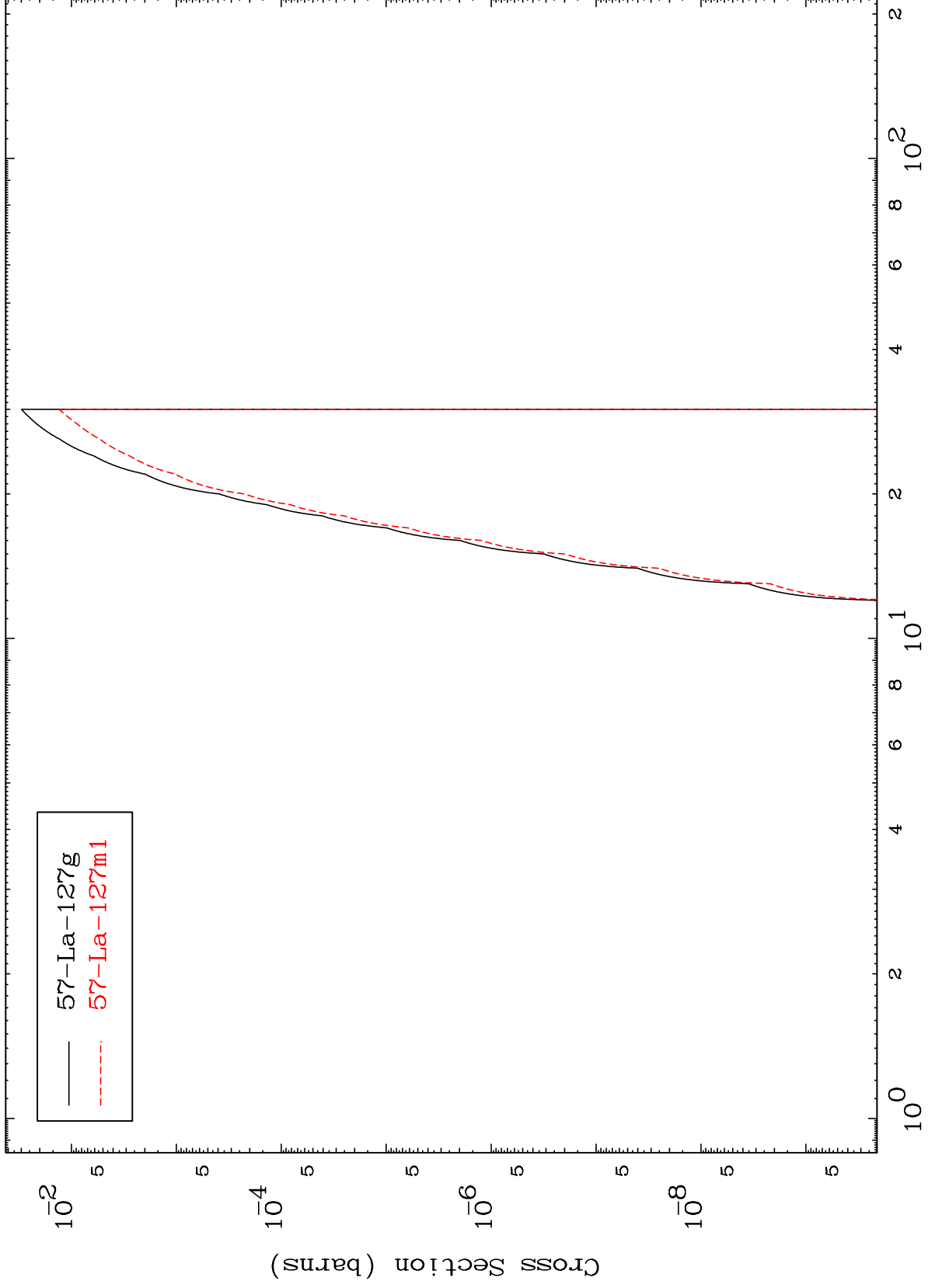
59-Pr-131m

MAT 5896

(n,n') p α

59-Pr-131m

Radionuclide Production Cross Section



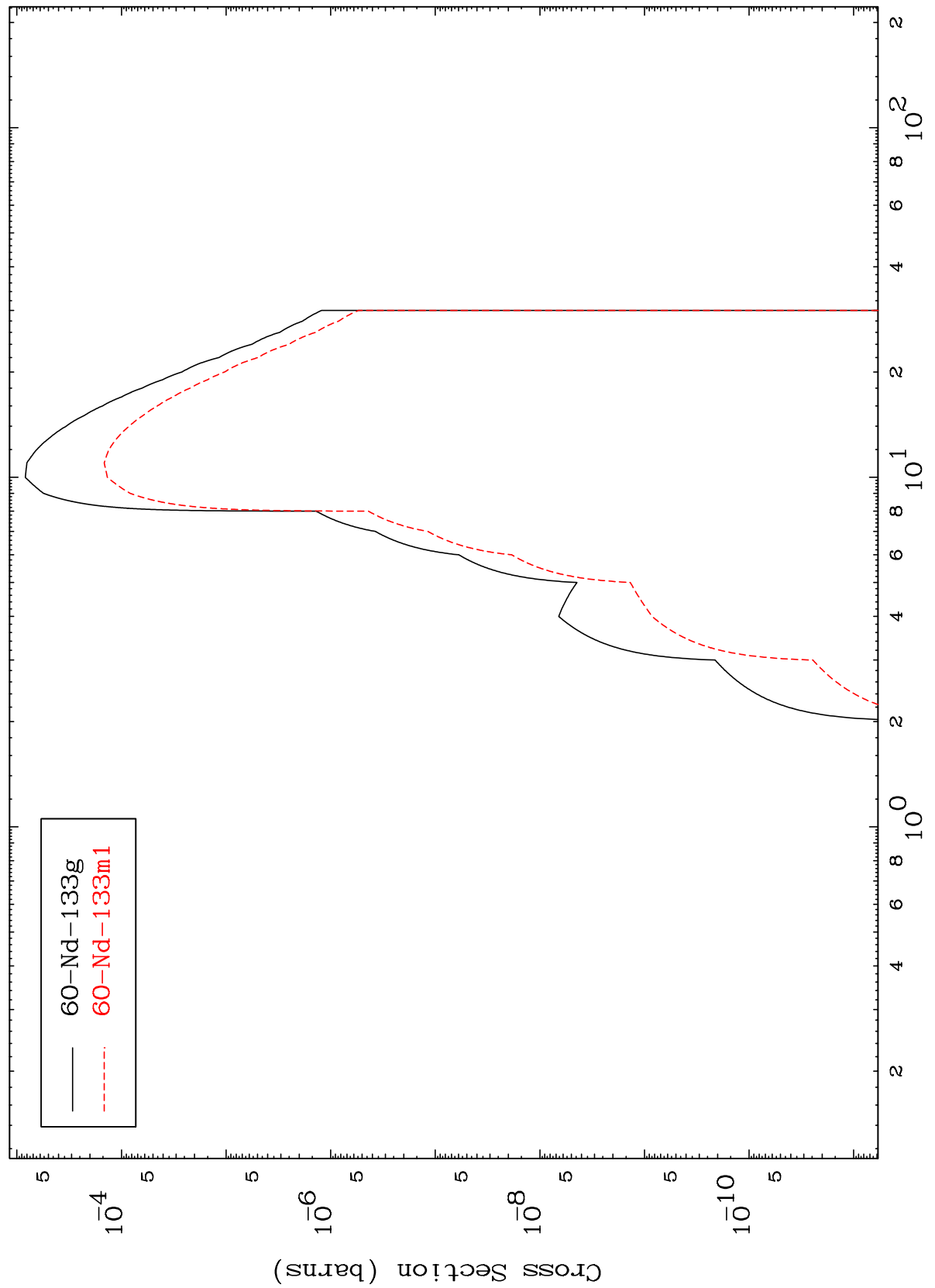
Incident Energy (MeV)

59-Pr-131m

MAT 5896

59-Pr-131m

(n, γ)
Radionuclide Production Cross Section



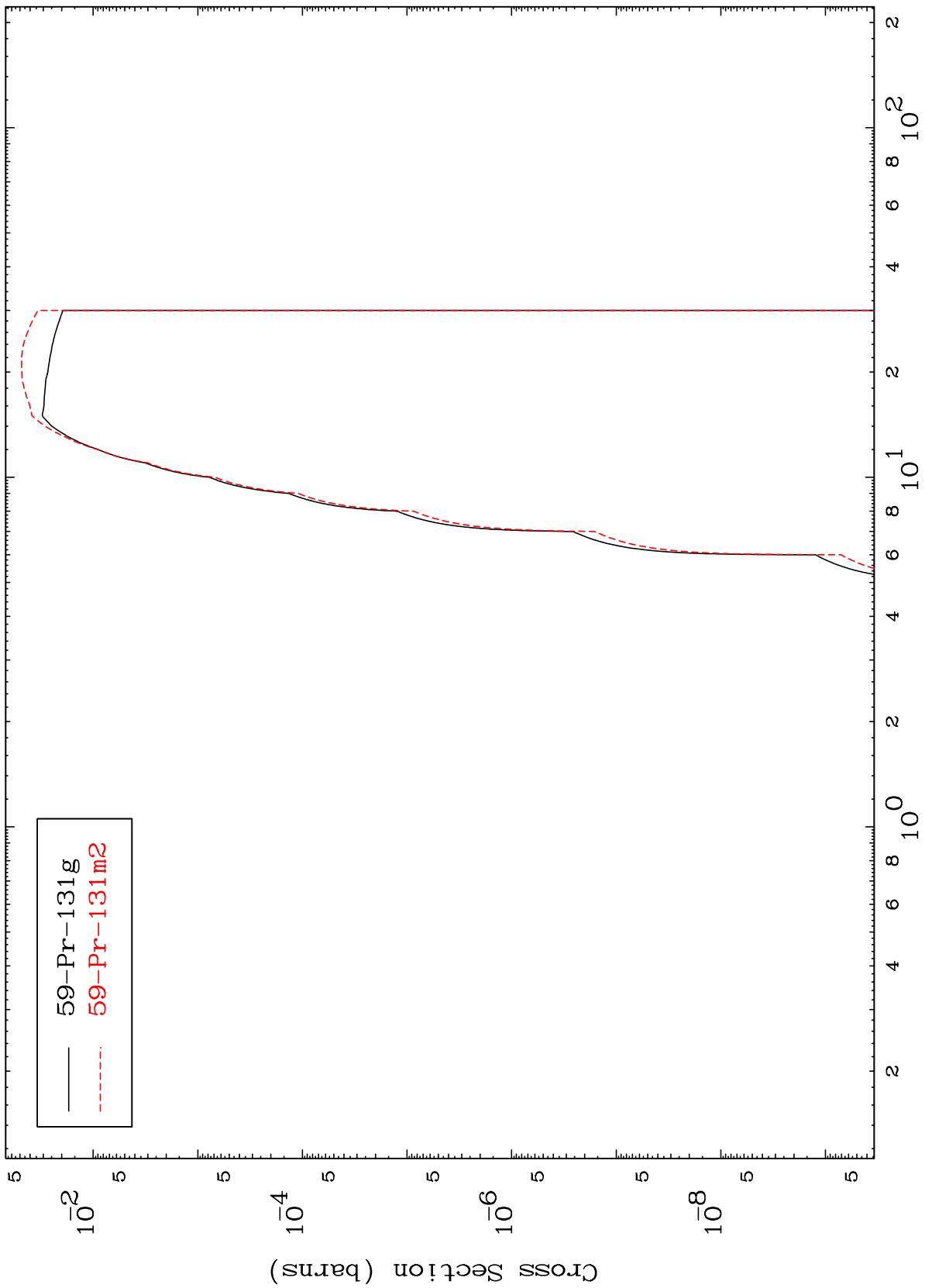
— 60-Nd-133g
- - - 60-Nd-133m1

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(n,d)

59-Pr-131m

Radionuclide Production Cross Section

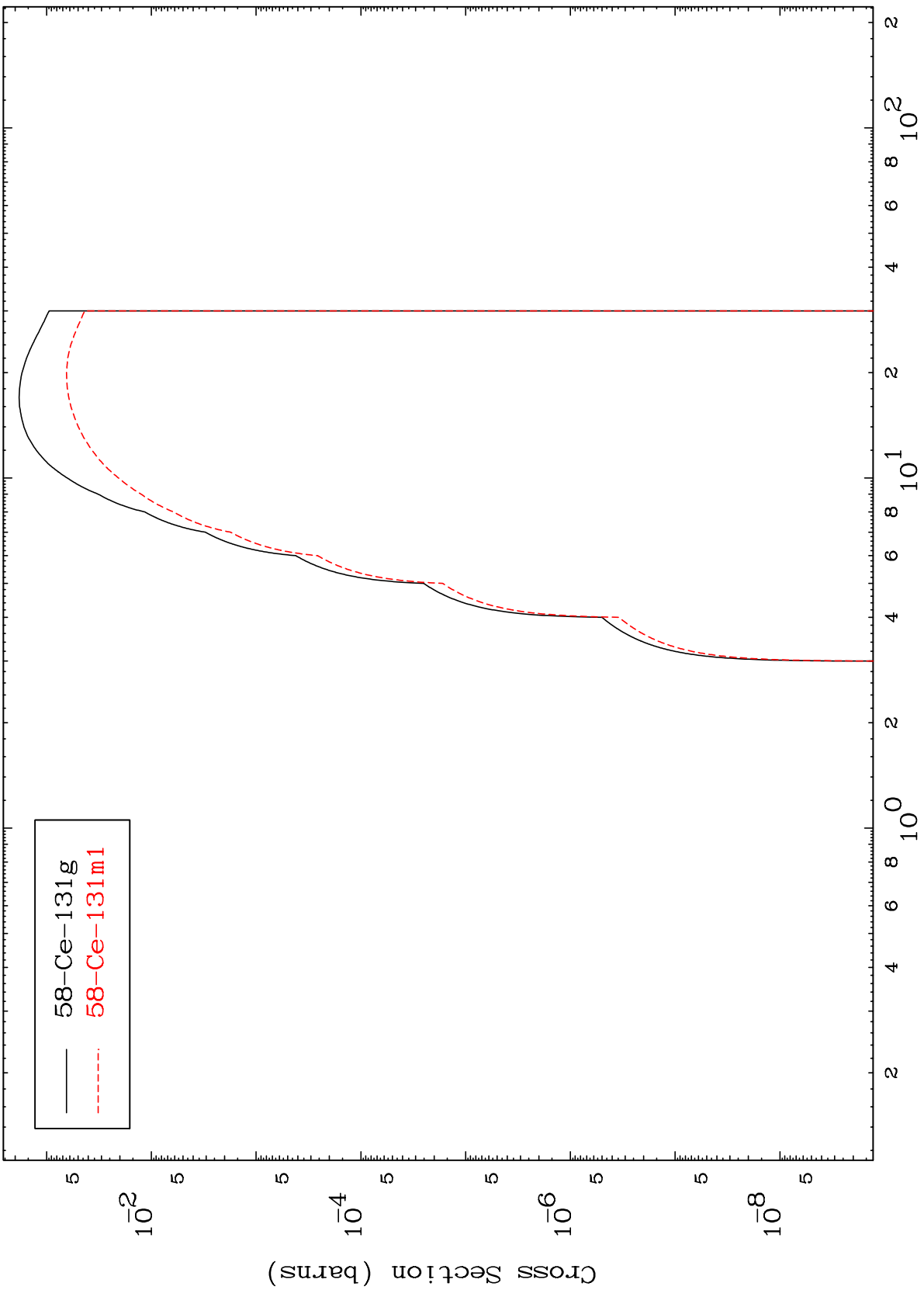


59-Pr-131g
59-Pr-131m2

MAT 5896

59-Pr-131m

(n,2p)
Radionuclide Production Cross Section

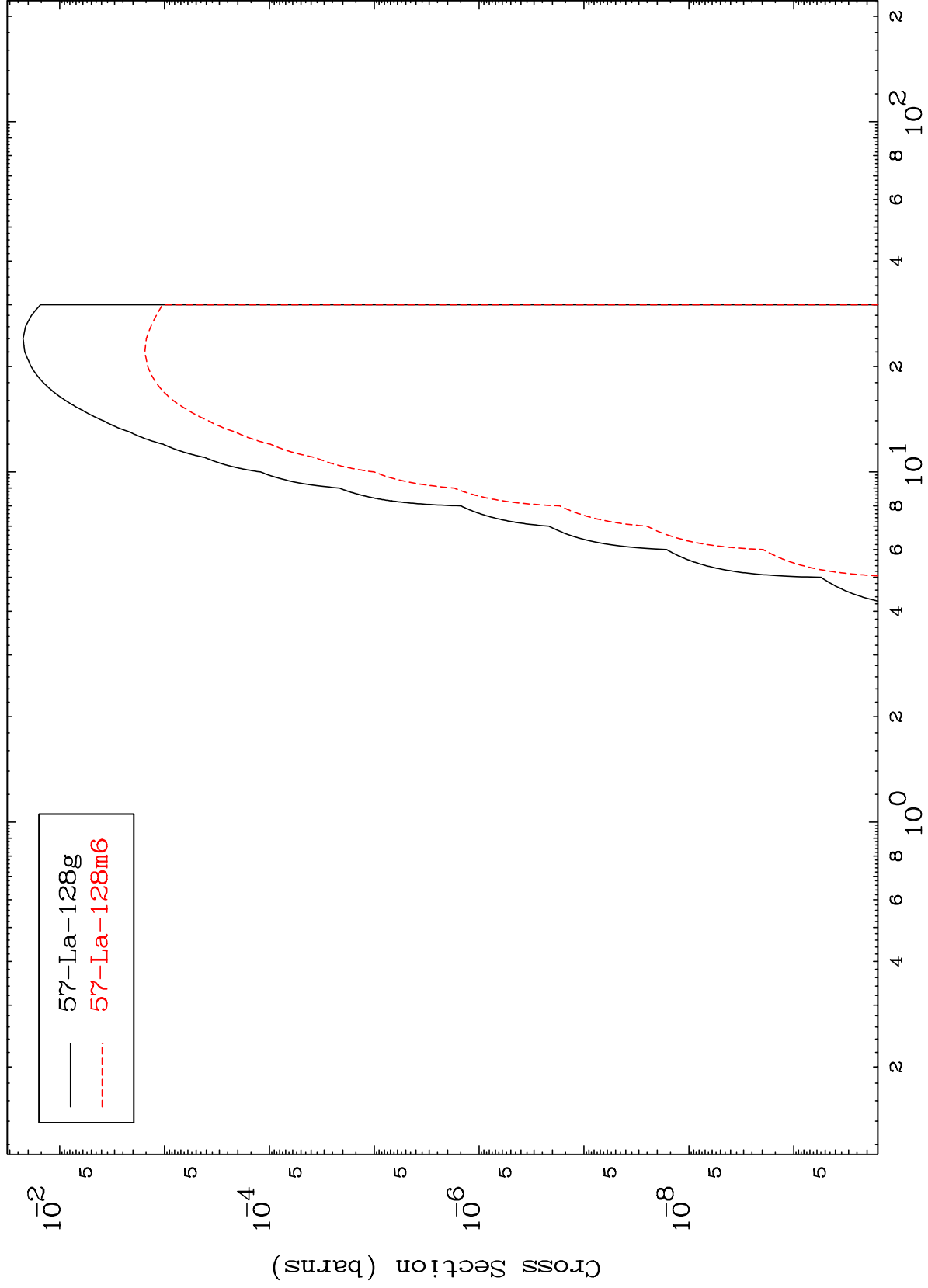


MAT 5896

(n,p) α

59-Pr-131m

Radionuclide Production Cross Section

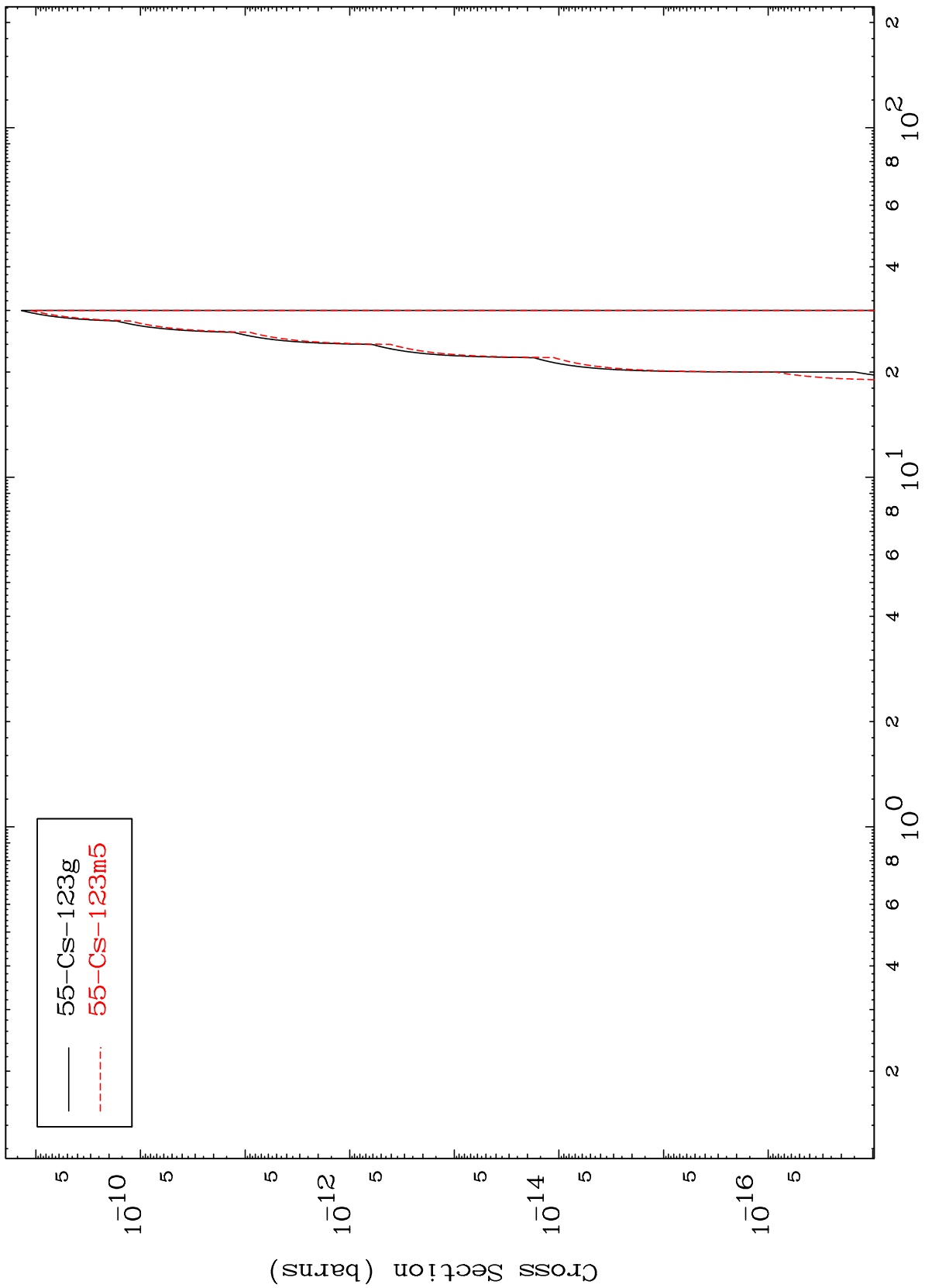


MAT 5896

(n,d) 2α

$^{59}\text{Pr-131m}$

Radionuclide Production Cross Section



MAT 5896

(n,d) α

59-Pr-131m

