

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

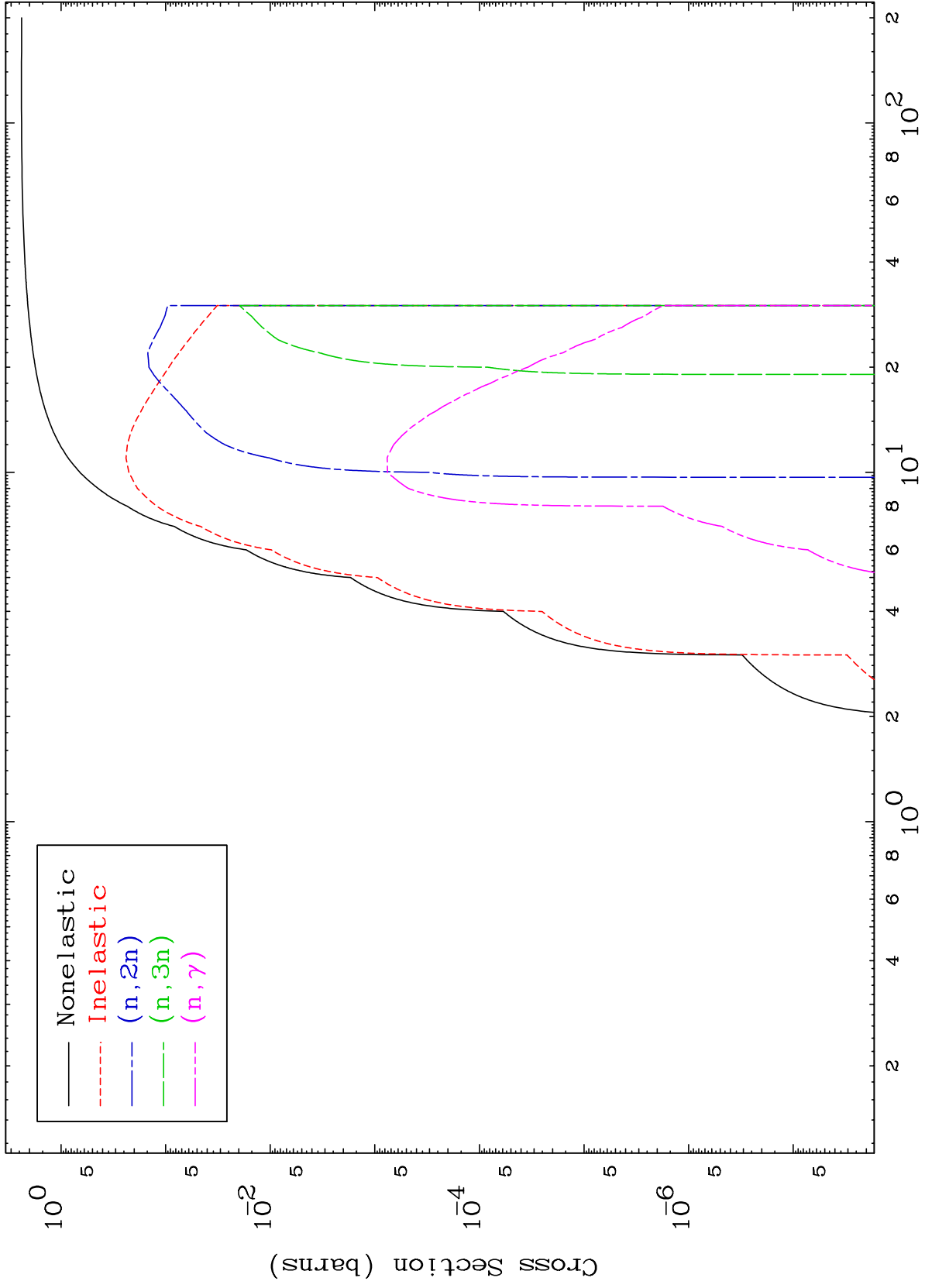
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

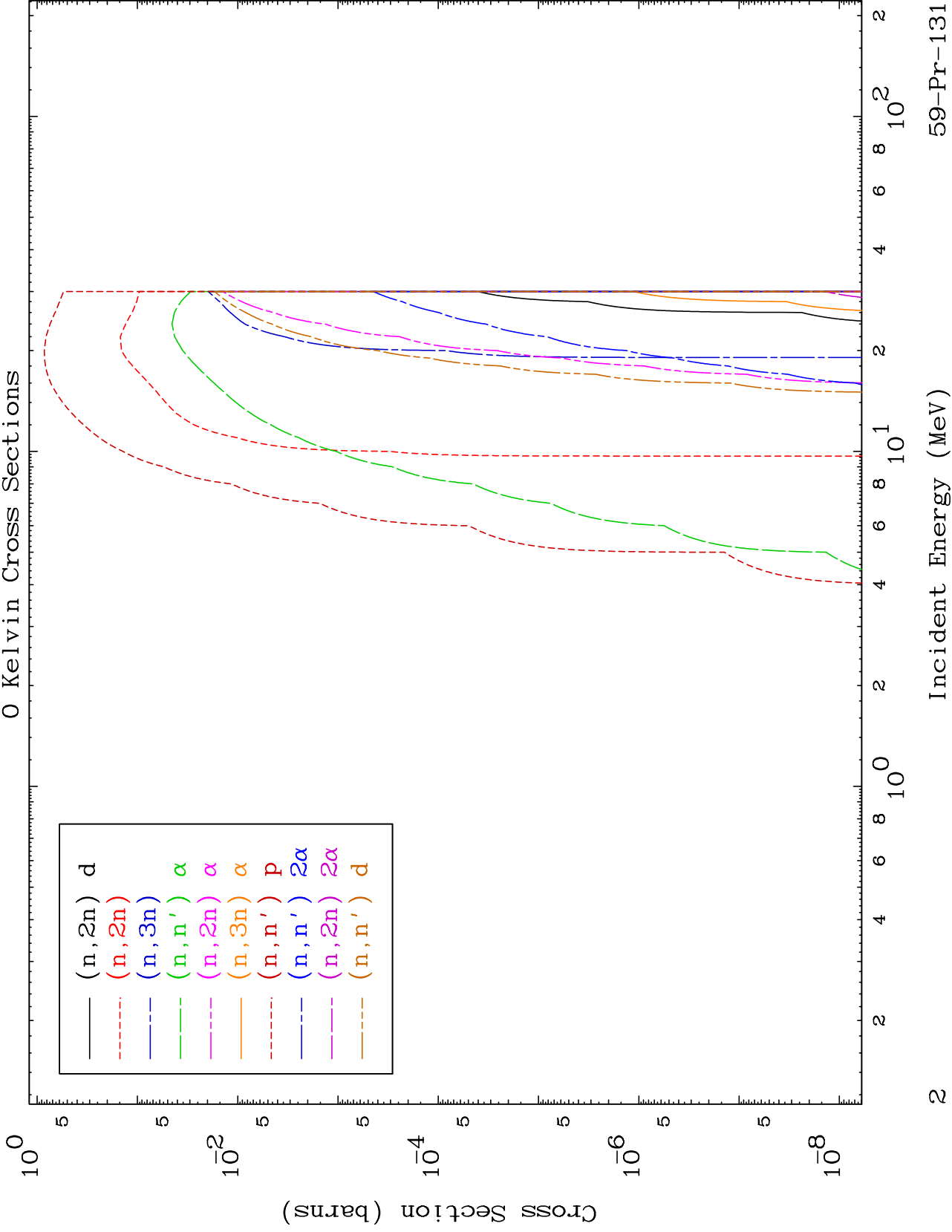
Tele: 925-443-1911

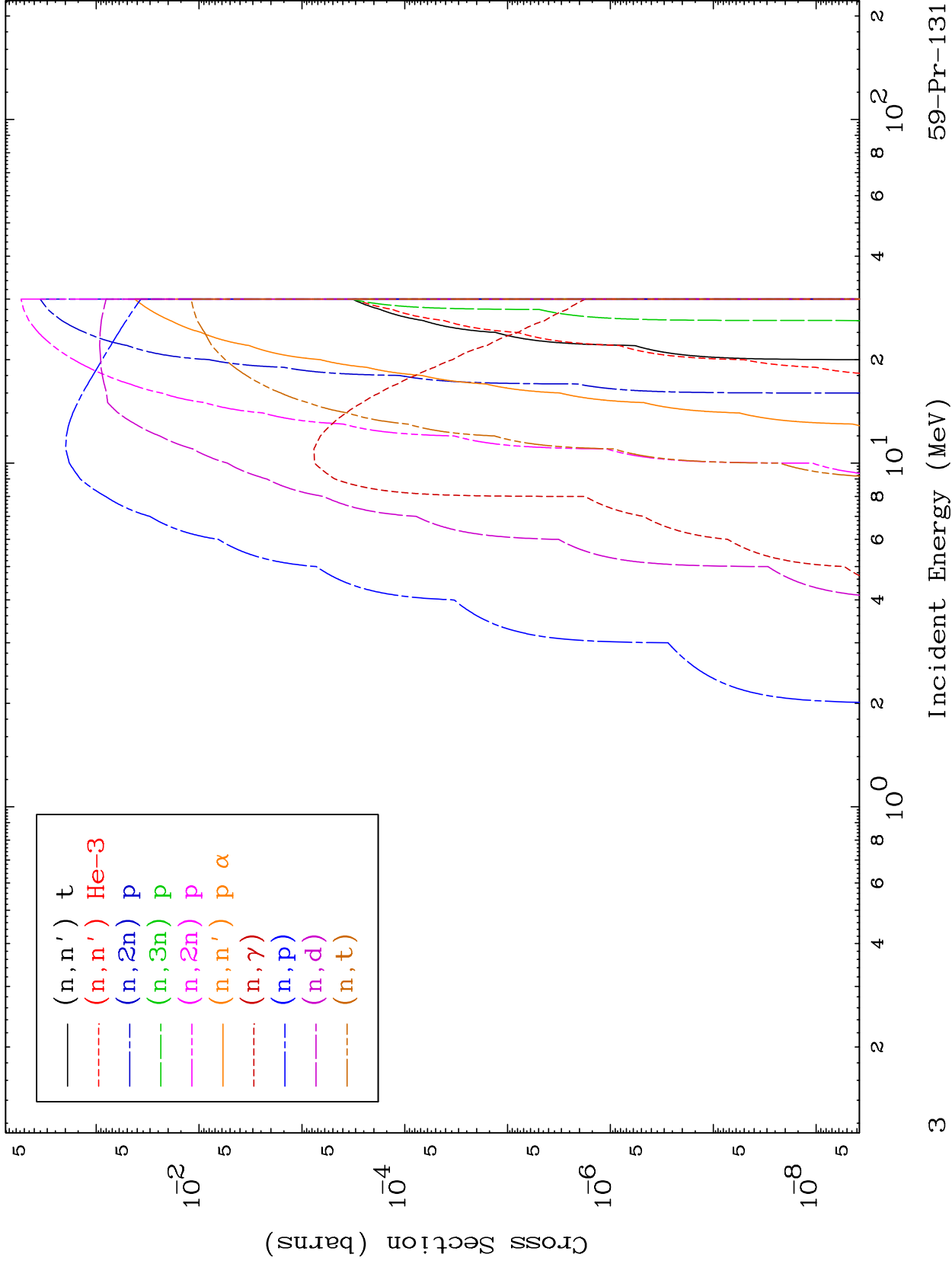
E.Mail: redcullen1@comcast.net

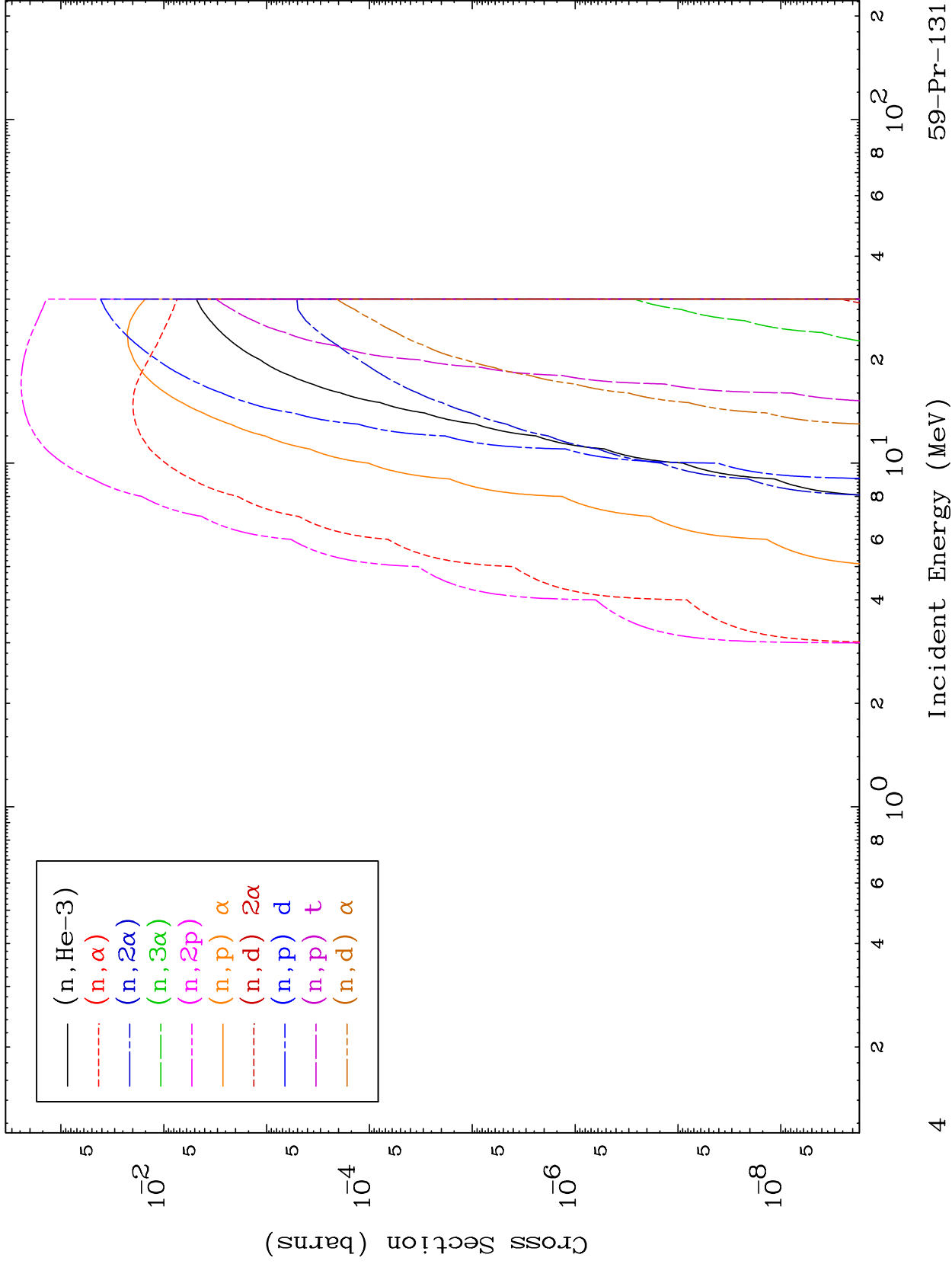
Web: redcullen1.net/HOMEPAGE.NEW

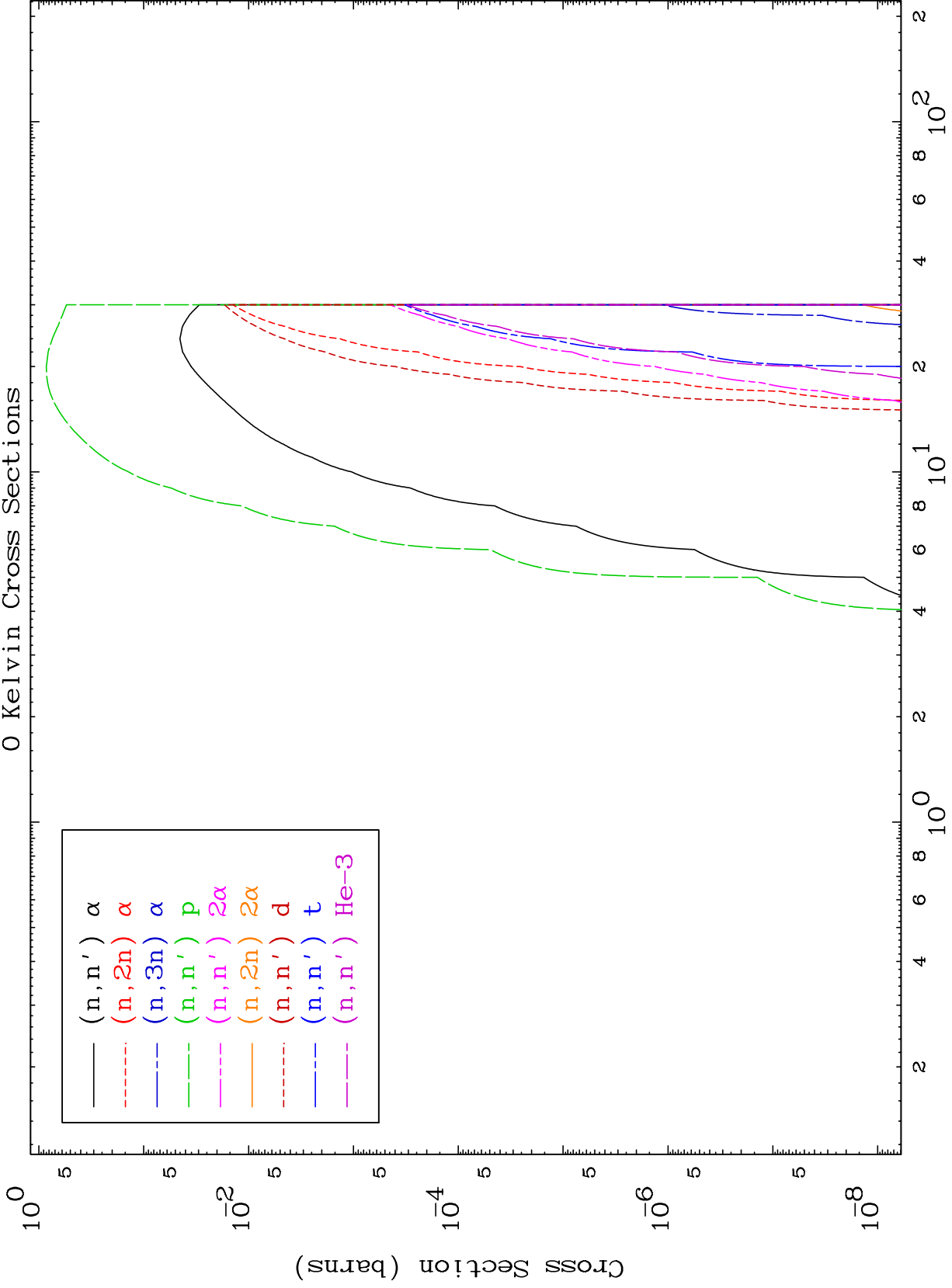
Press Mouse Button to Start

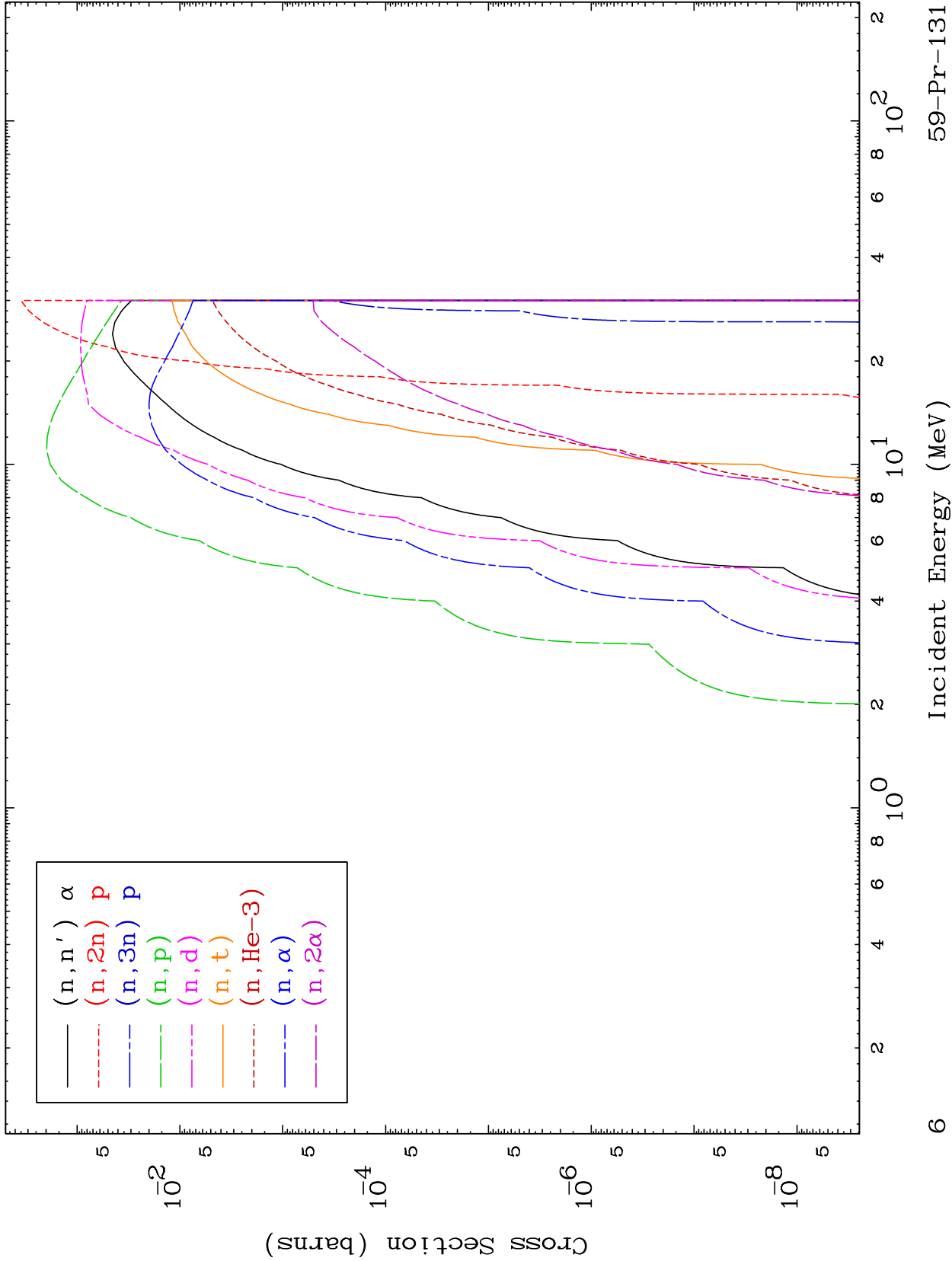


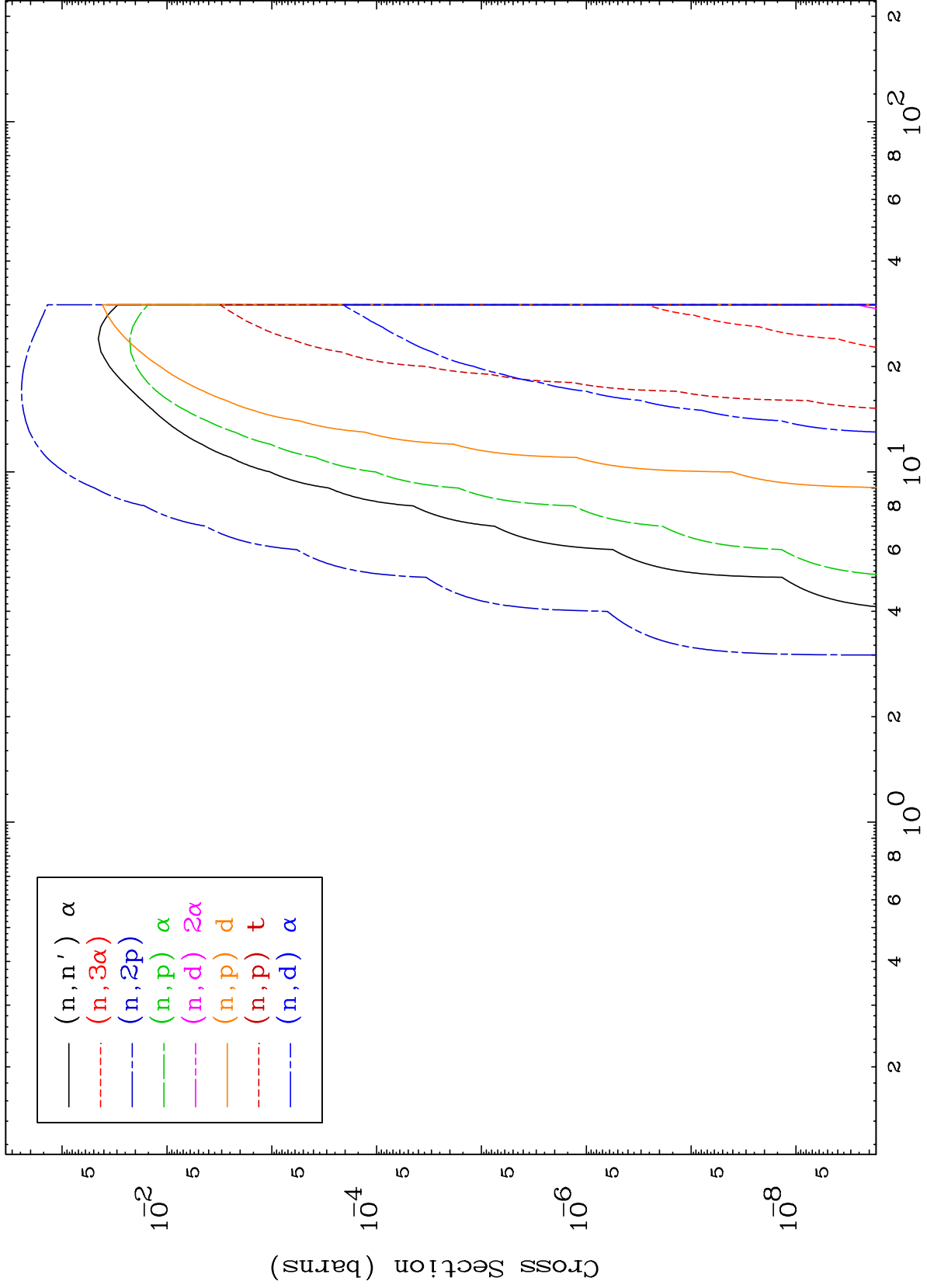








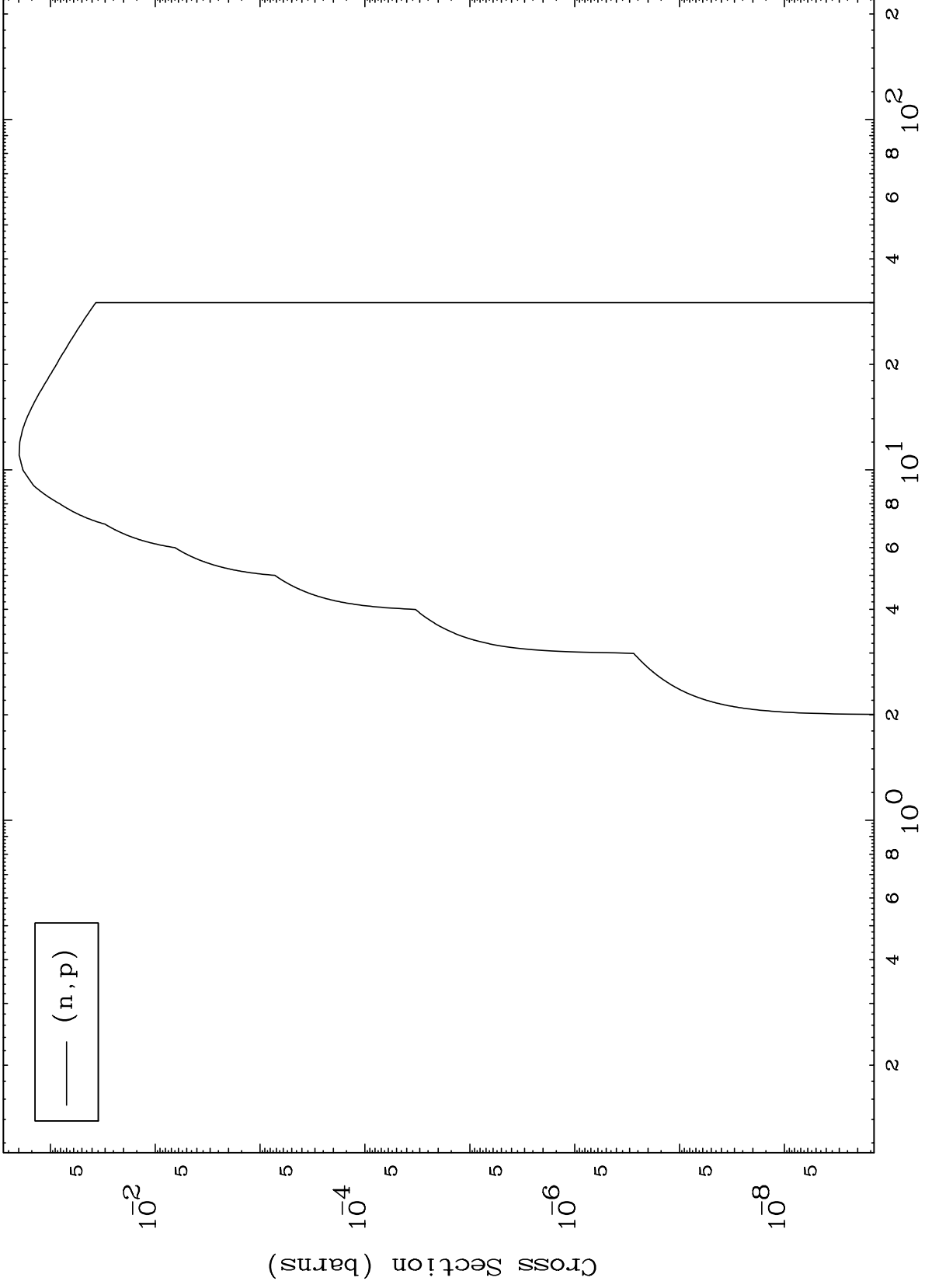




MAT 5895

59-Pr-131

(d,p) Levels
0 Kelvin Cross Sections

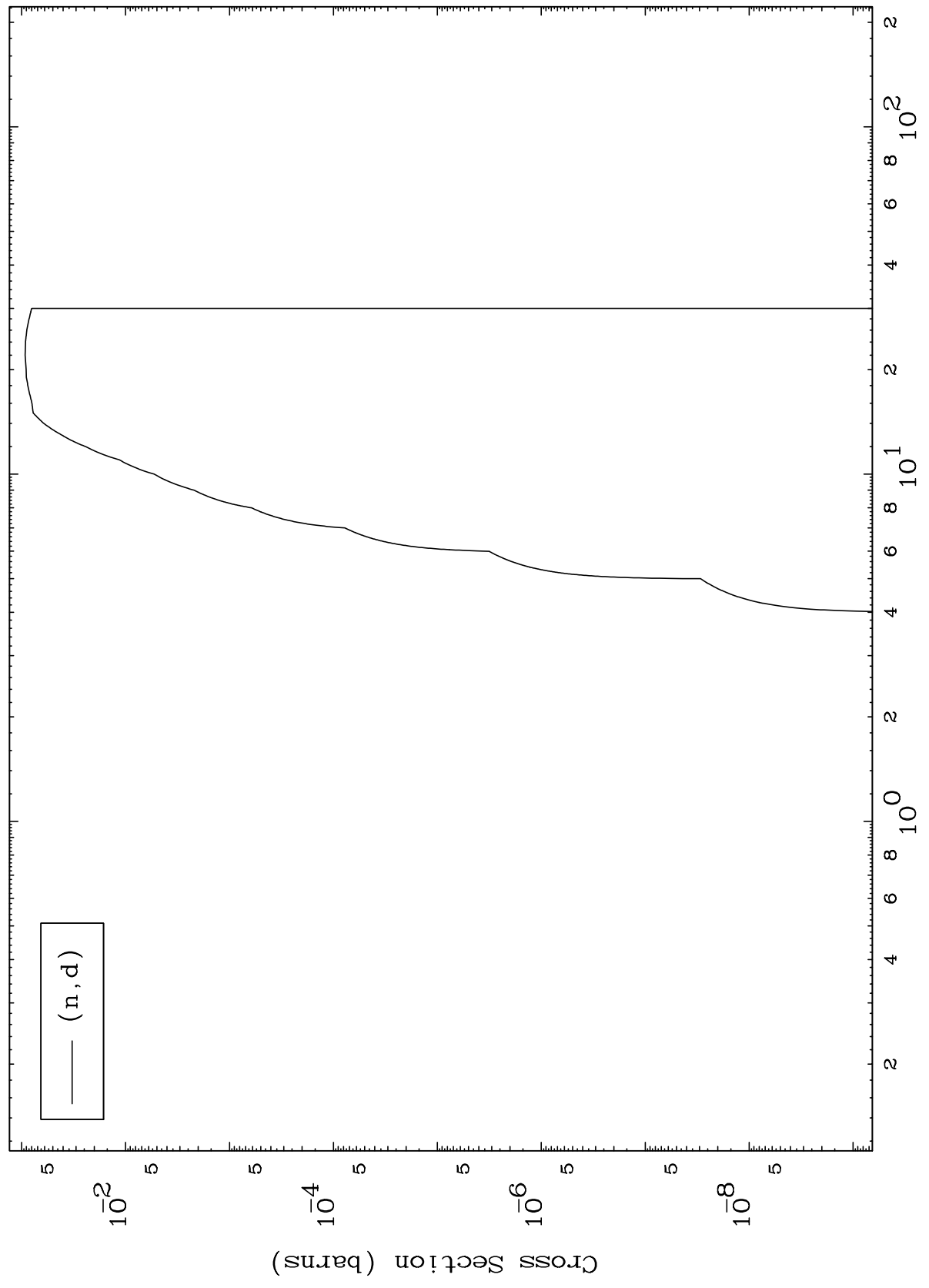


MAT 5895

(d,d) Levels

59-Pr-131

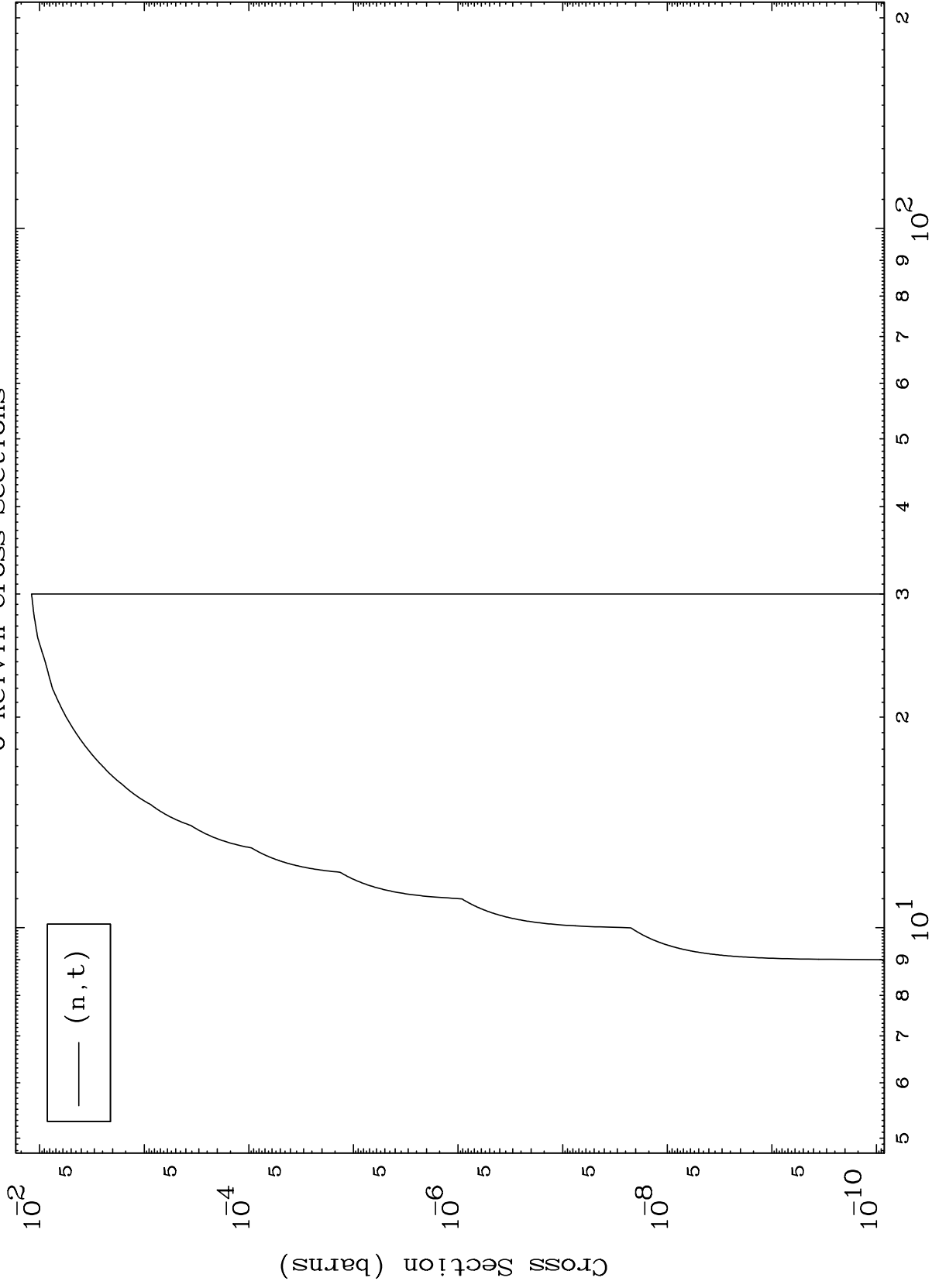
0 Kelvin Cross Sections



MAT 5895

(d,t) Levels
0 Kelvin Cross Sections

59-Pr-131



10

Incident Energy (MeV)

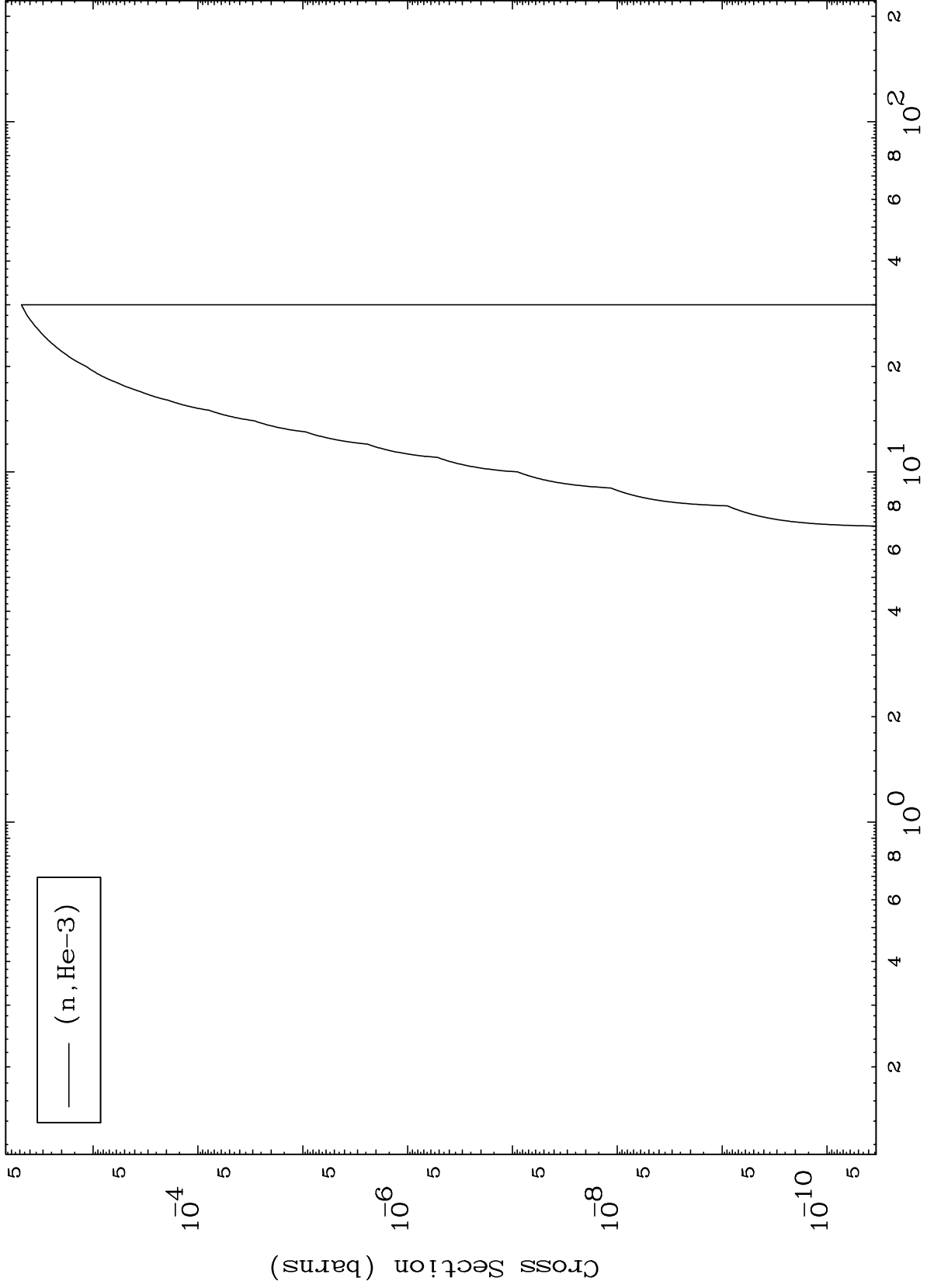
59-Pr-131

MAT 5895

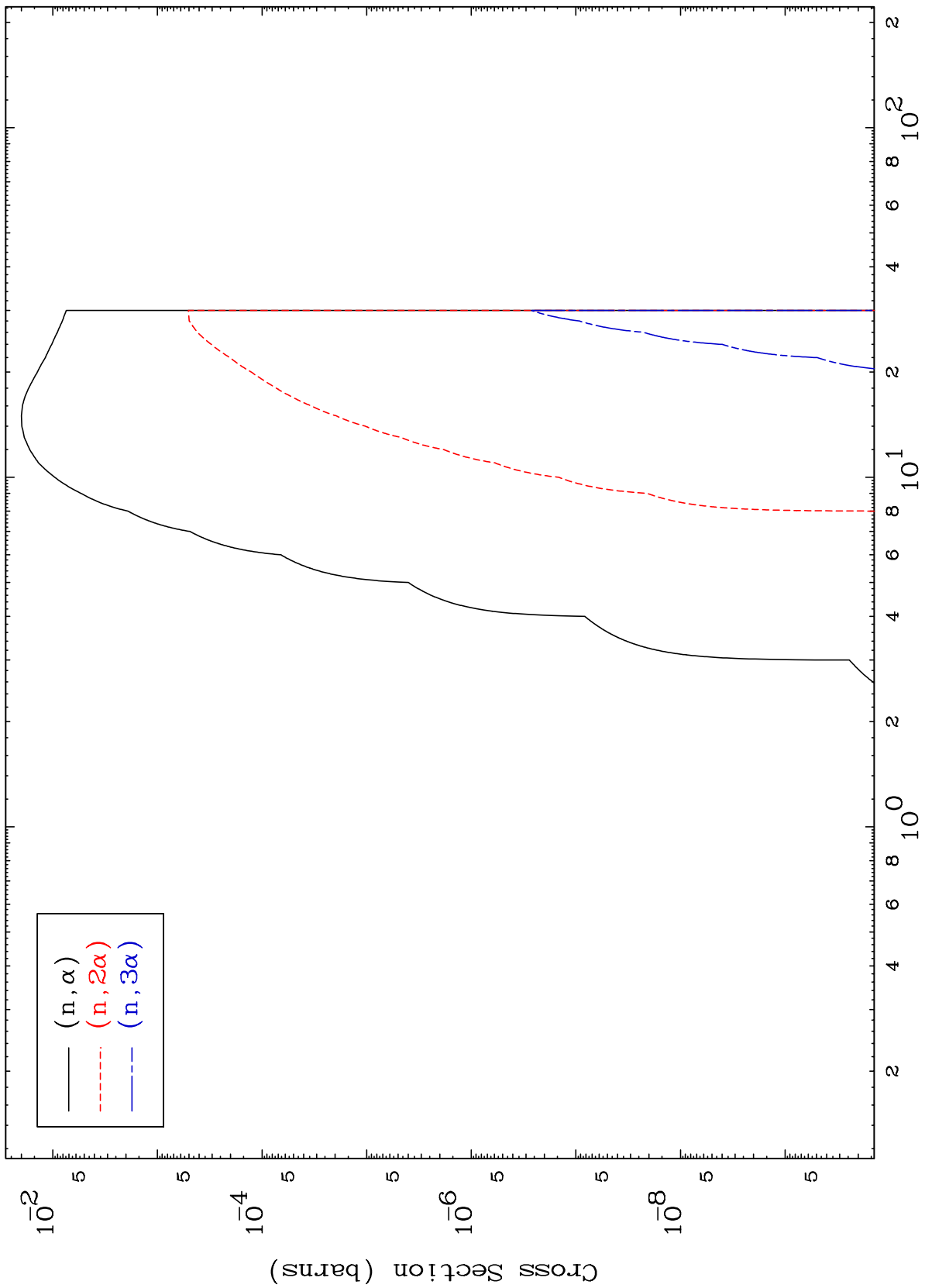
(d,He3) Levels

59-Pr-131

0 Kelvin Cross Sections



0 Kelvin Cross Sections

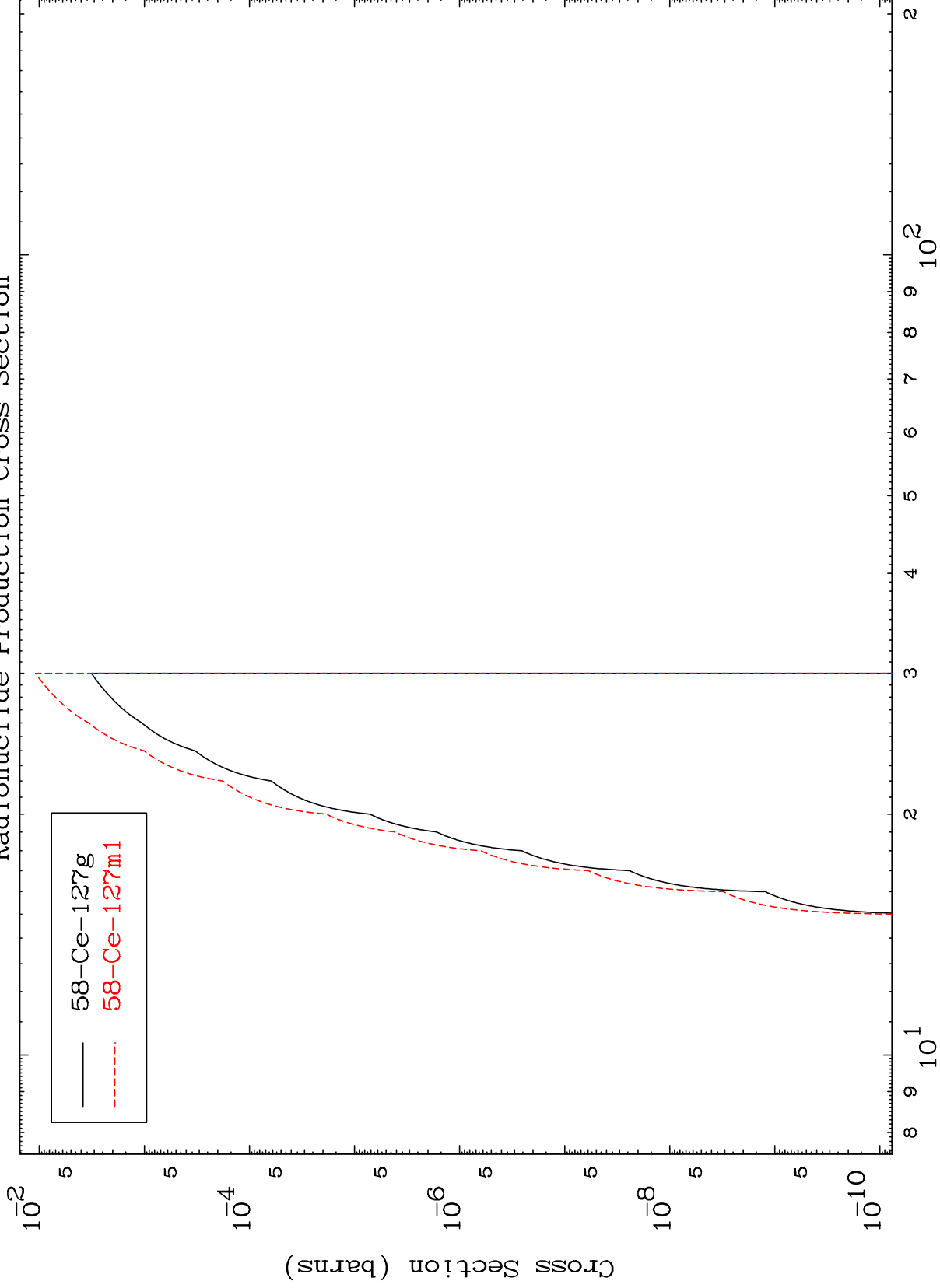


MAT 5895

(n,2n) α

59-Pr-131

Radionuclide Production Cross Section



13

Incident Energy (MeV)

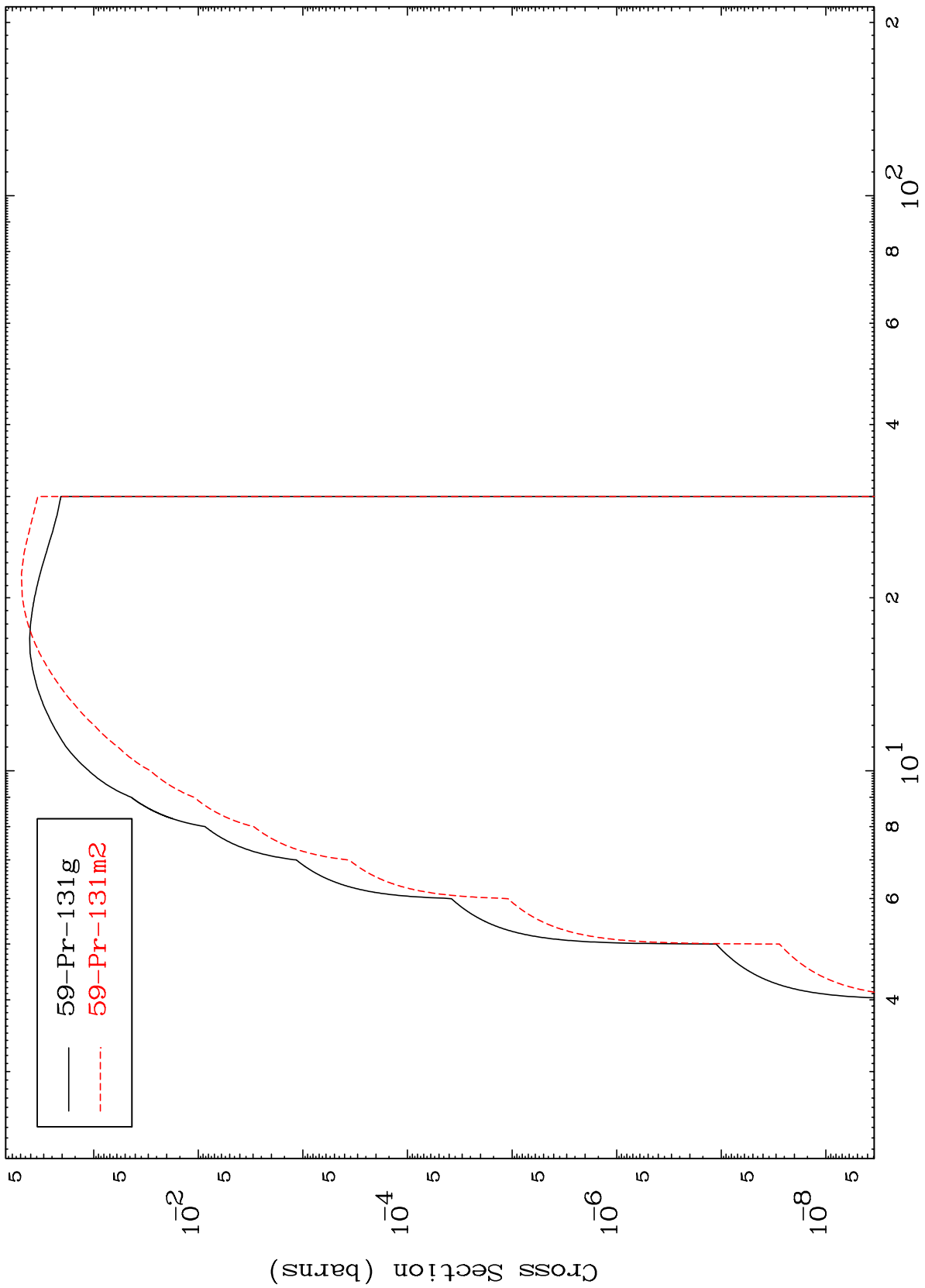
59-Pr-131

MAT 5895

59-Pr-131

Radionuclide Production Cross Section

(n,n') p



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

59-Pr-131

Incident Energy (MeV)

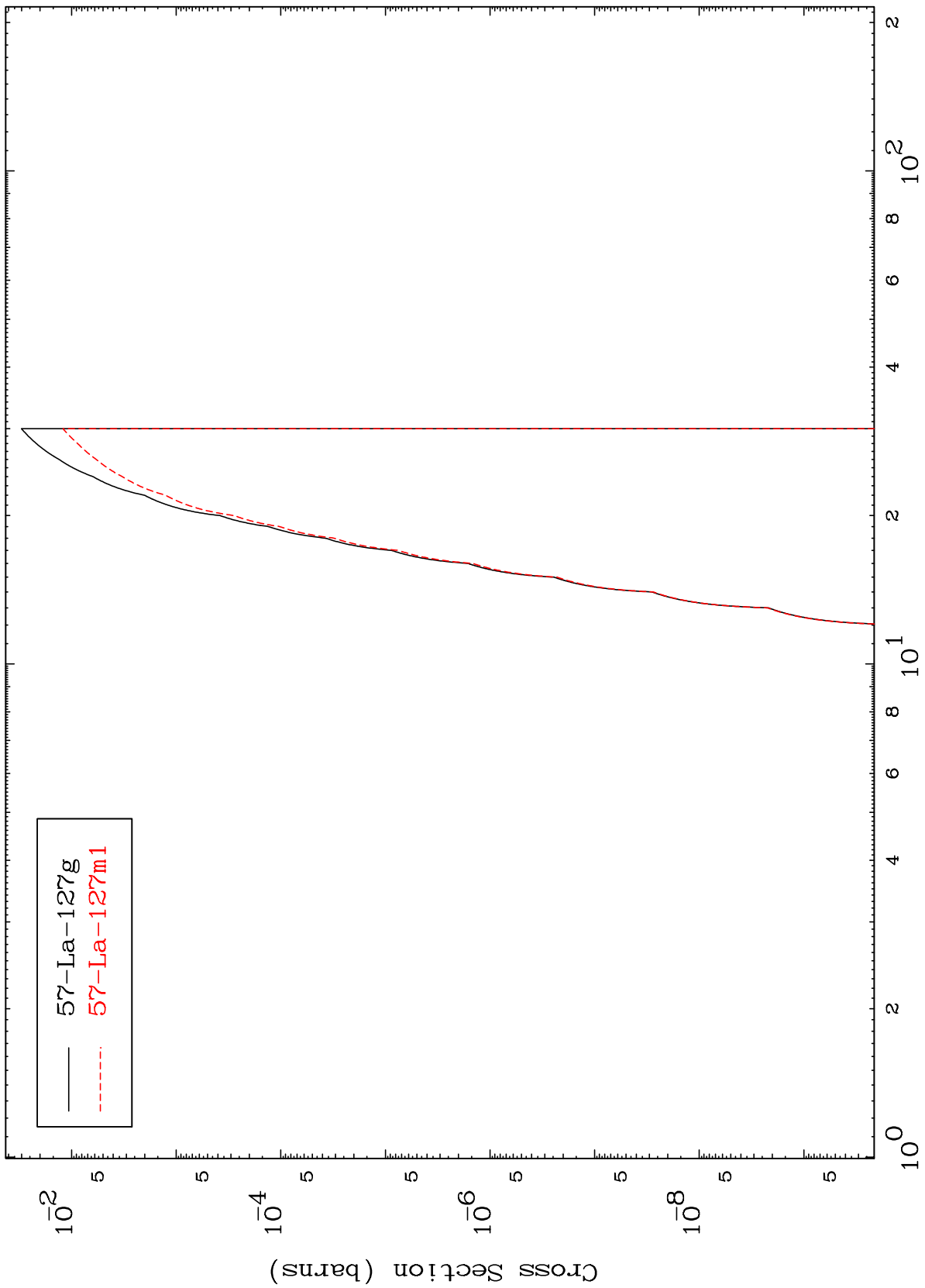
14

MAT 5895

(n,n') p α

59-Pr-131

Radionuclide Production Cross Section



15

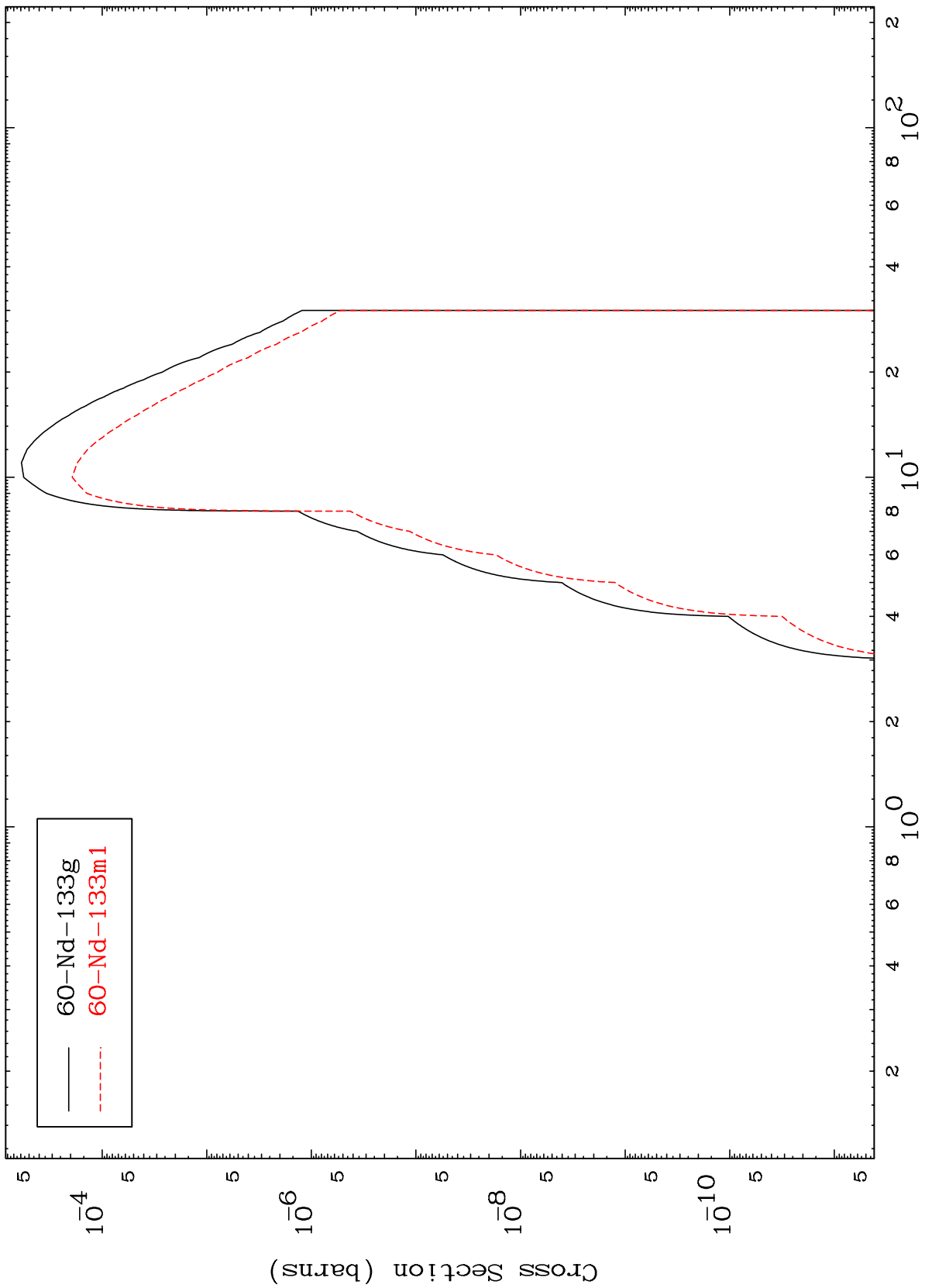
Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131

(n, γ)
Radionuclide Production Cross Section



59-Pr-131

Incident Energy (MeV)

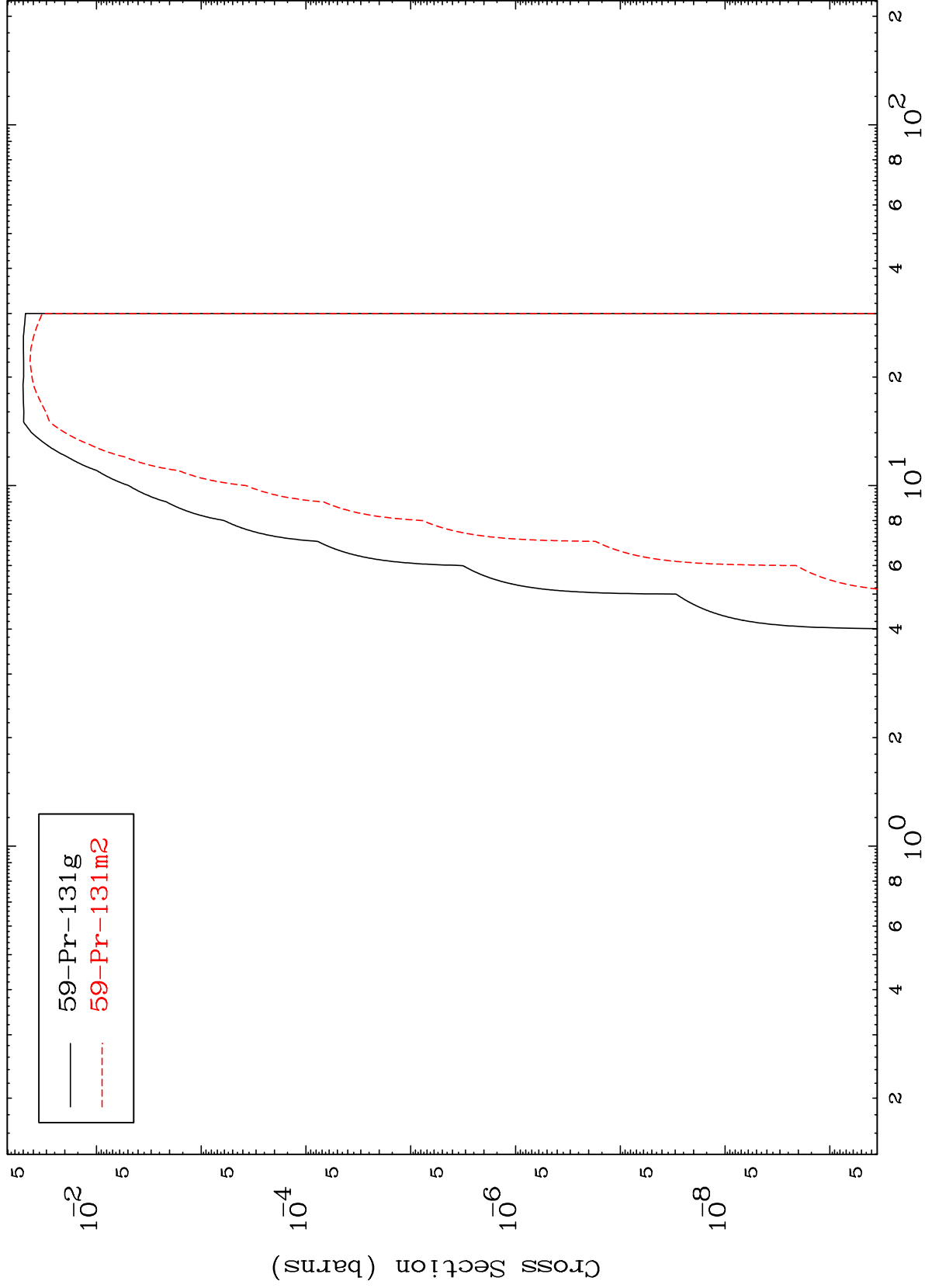
16

MAT 5895

(n,d)

59-Pr-131

Radionuclide Production Cross Section



17

Incident Energy (MeV)

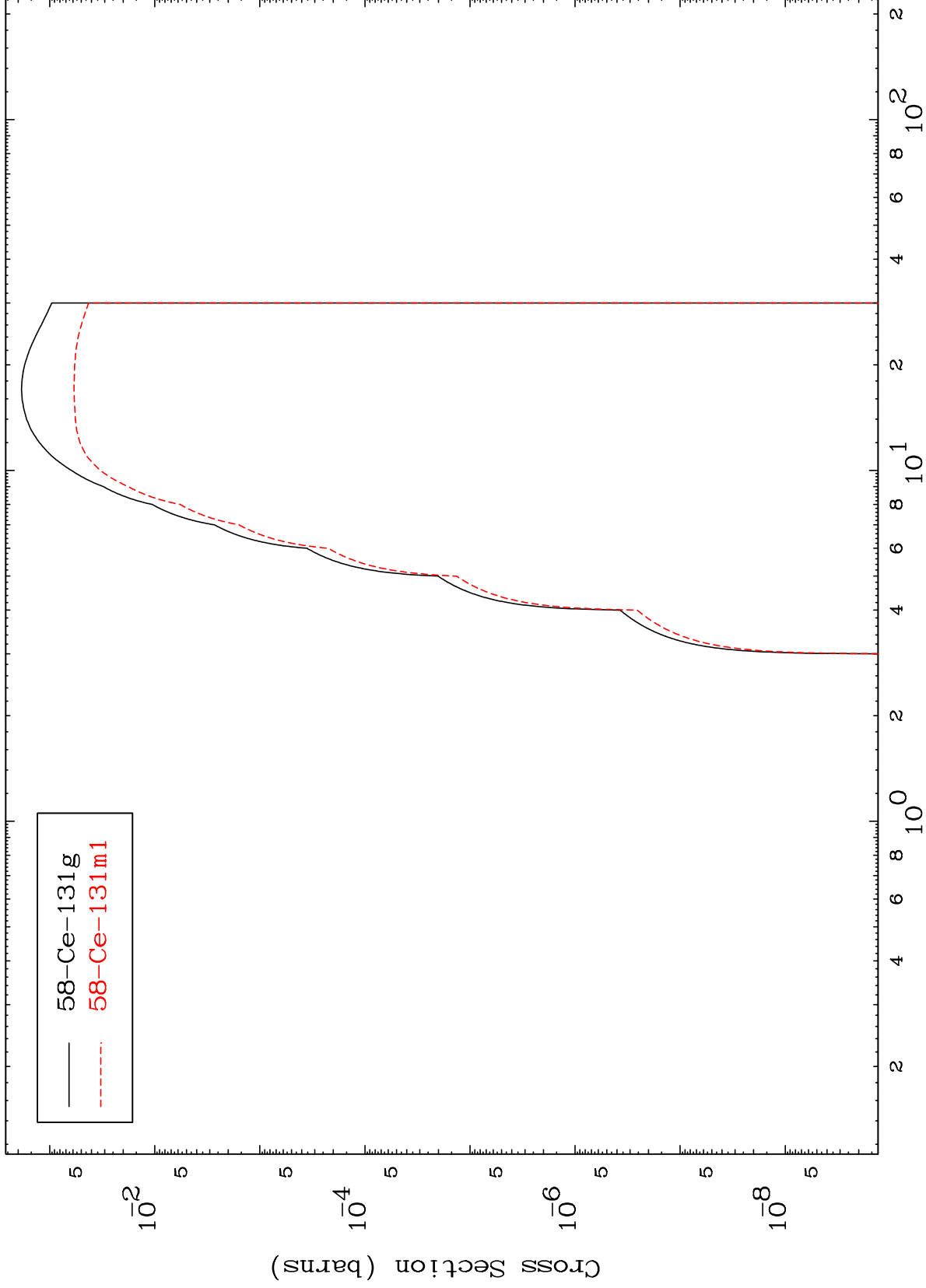
59-Pr-131

MAT 5895

(n,2p)

59-Pr-131

Radionuclide Production Cross Section



18

Incident Energy (MeV)

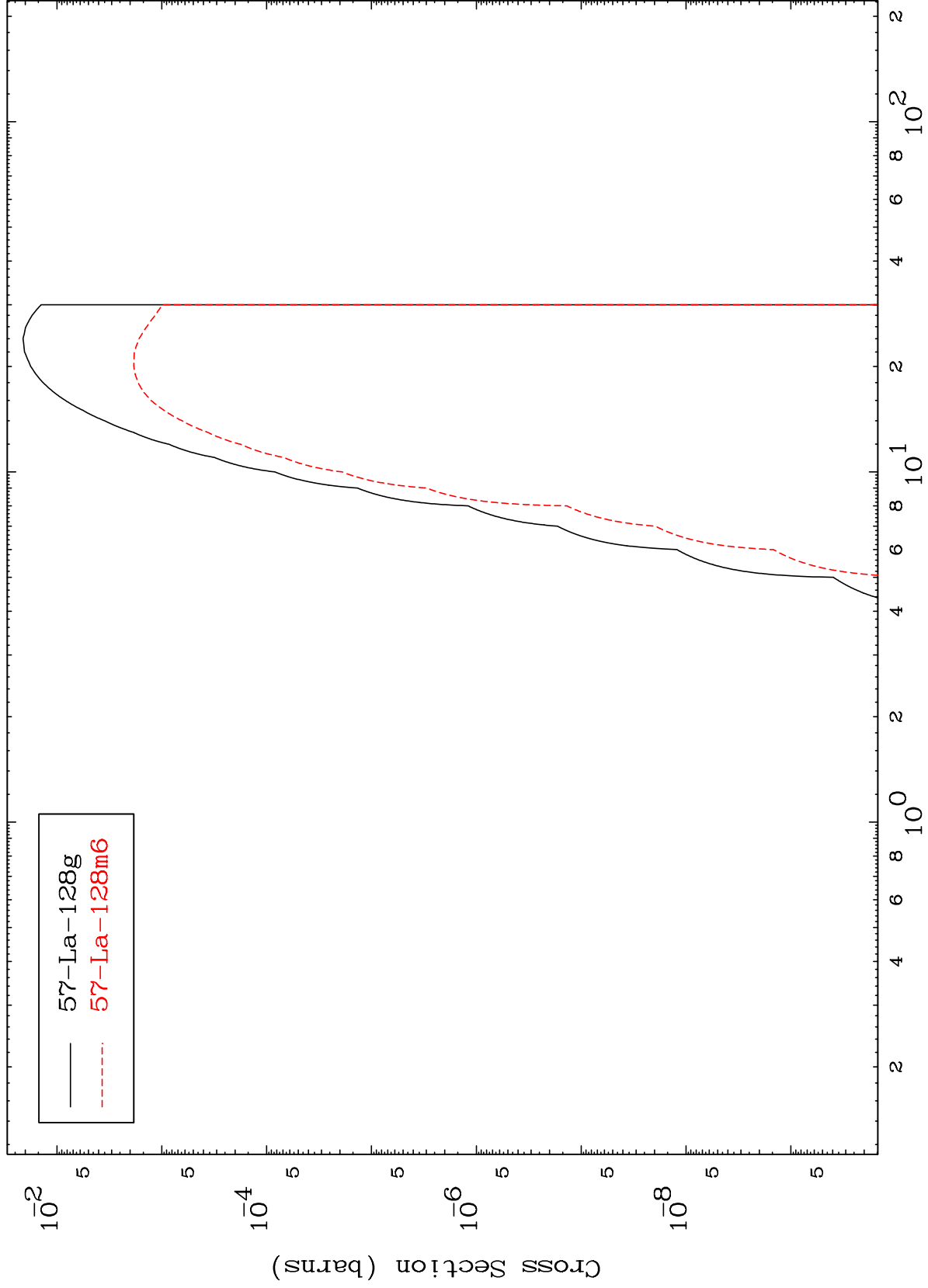
59-Pr-131

MAT 5895

(n,p) α

59-Pr-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

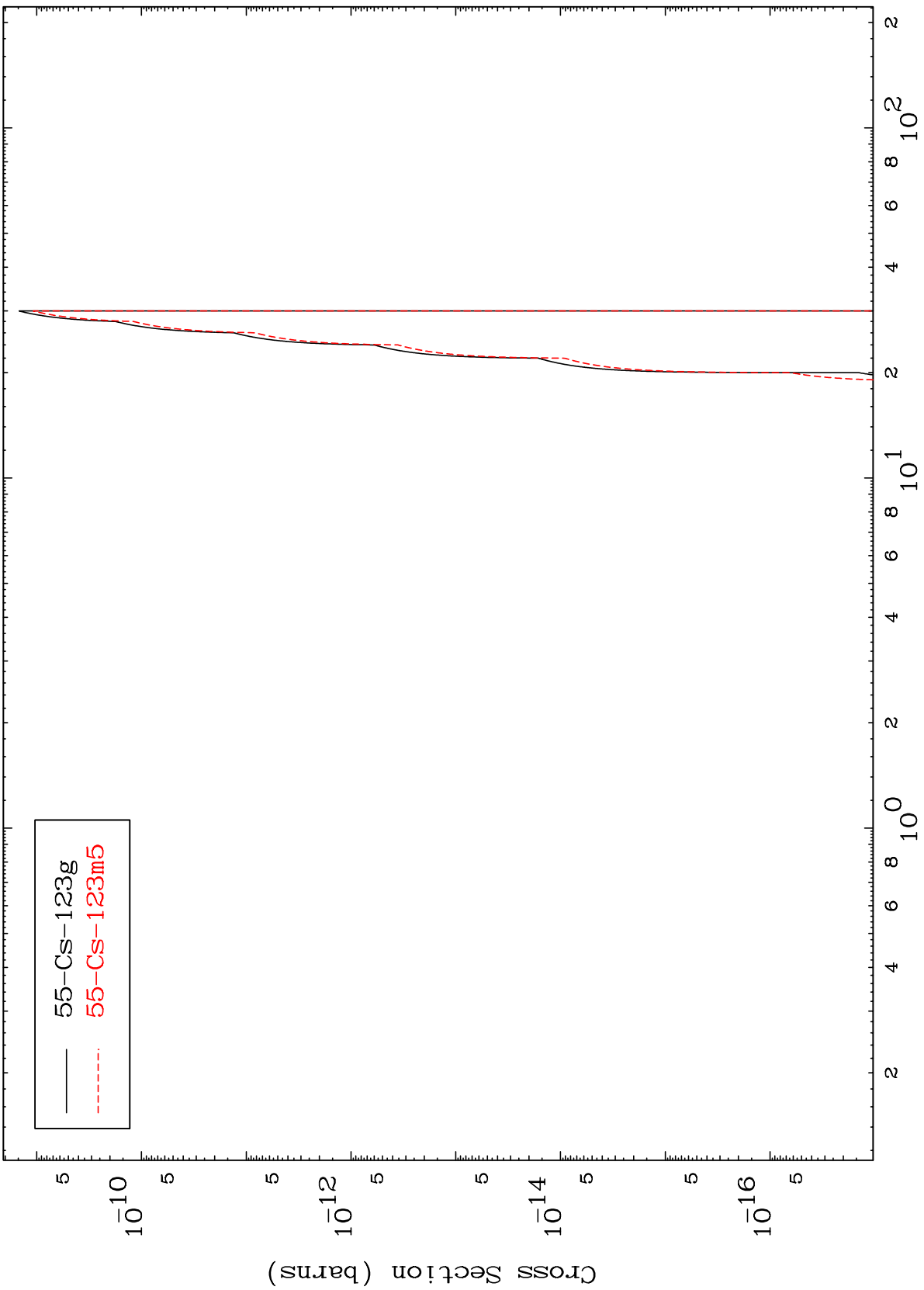
59-Pr-131

MAT 5895

(n,d) 2α

59-Pr-131

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

20

Incident Energy (MeV)

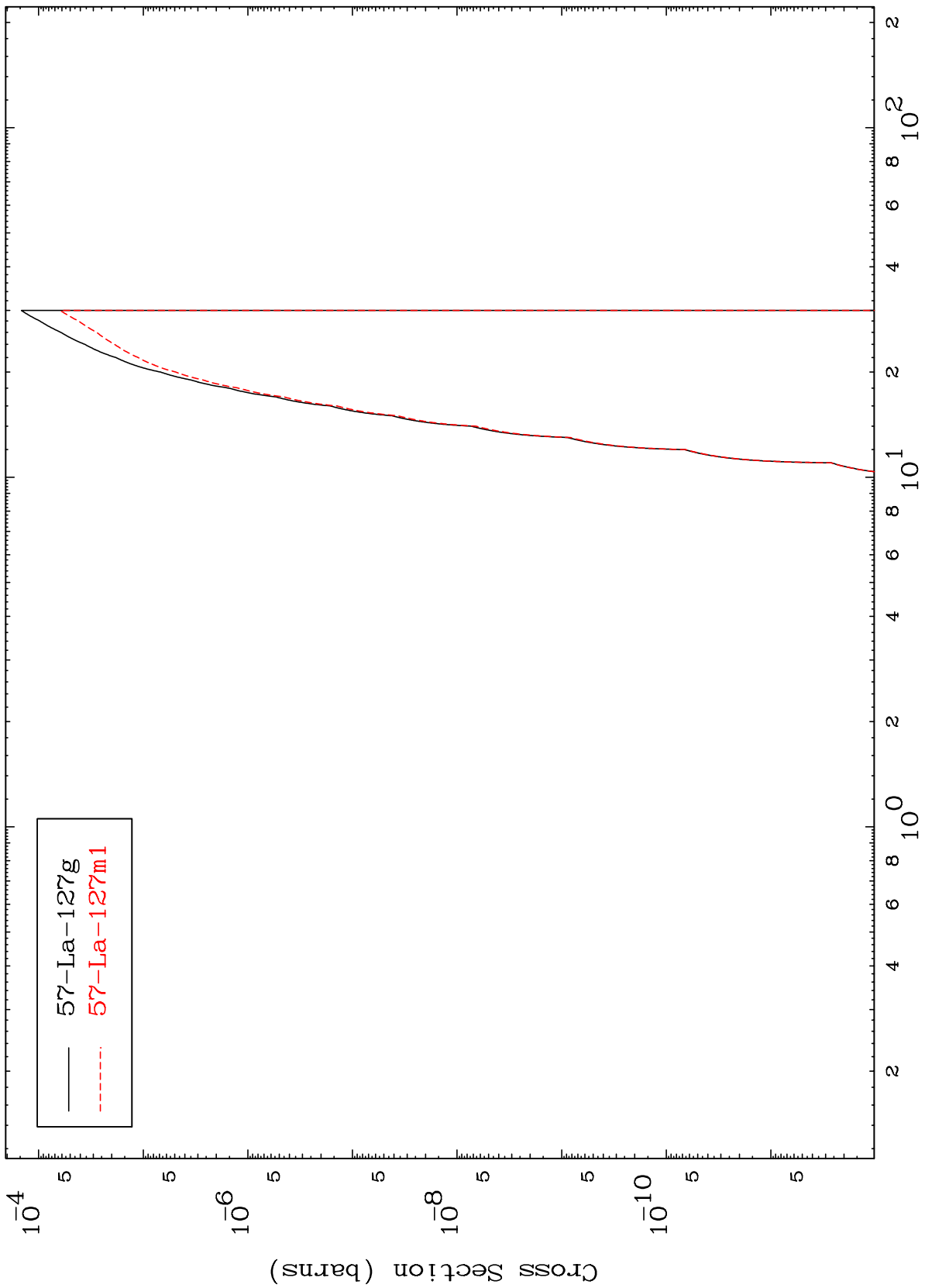
59-Pr-131

MAT 5895

(n,d) α

59-Pr-131

Radionuclide Production Cross Section



57-La-127g
57-La-127m1