

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

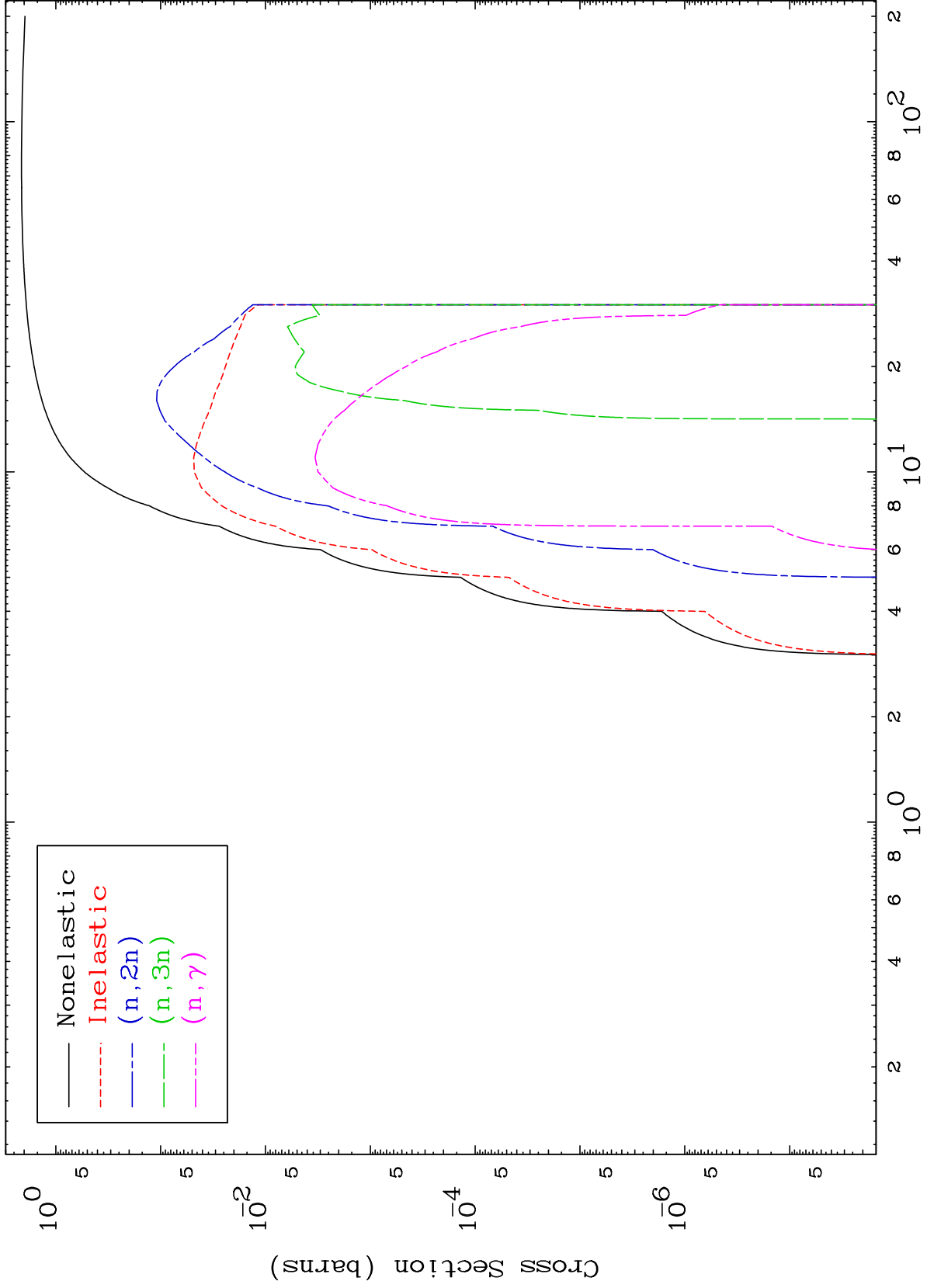
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

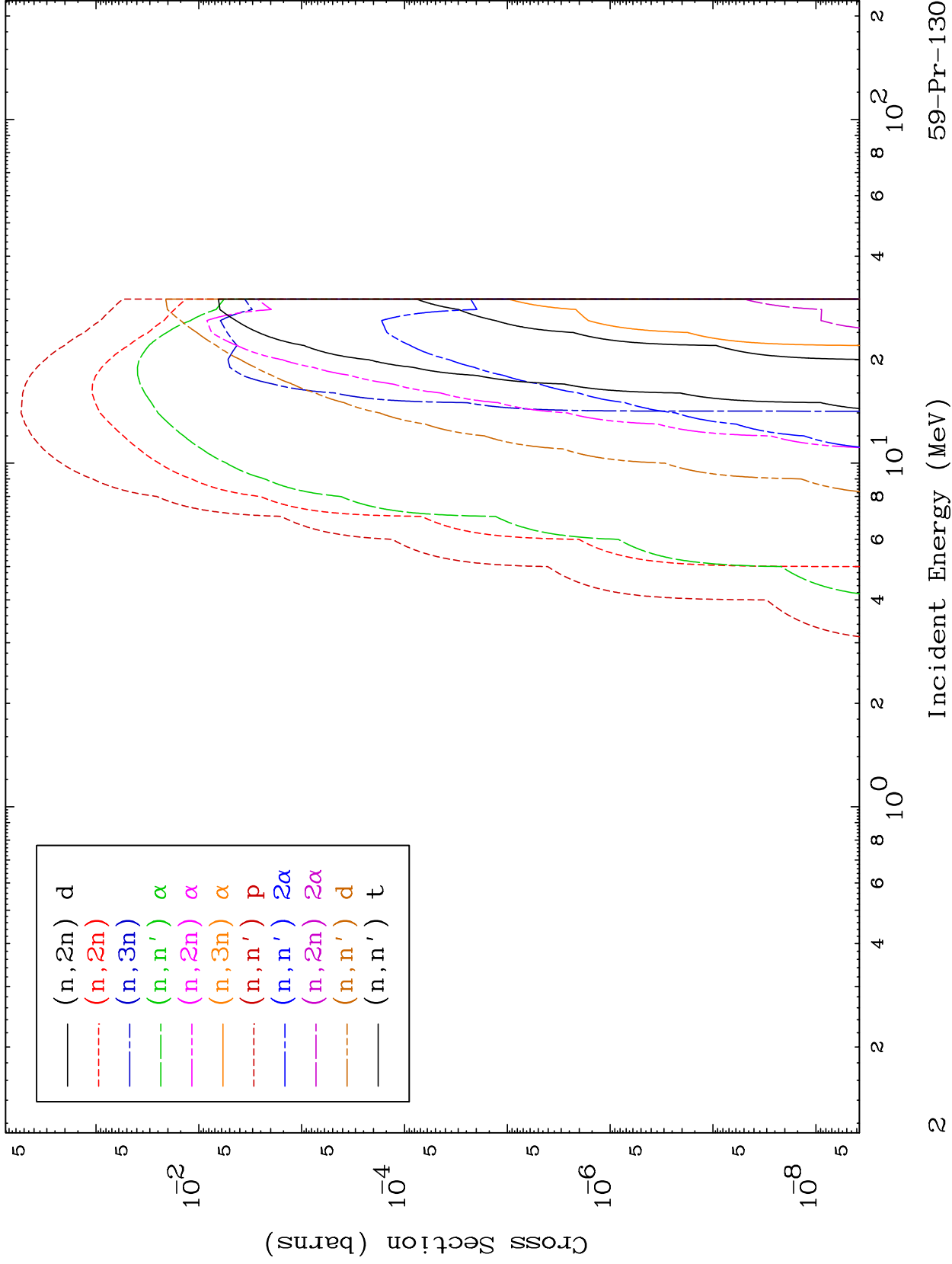
Tele: 925-443-1911

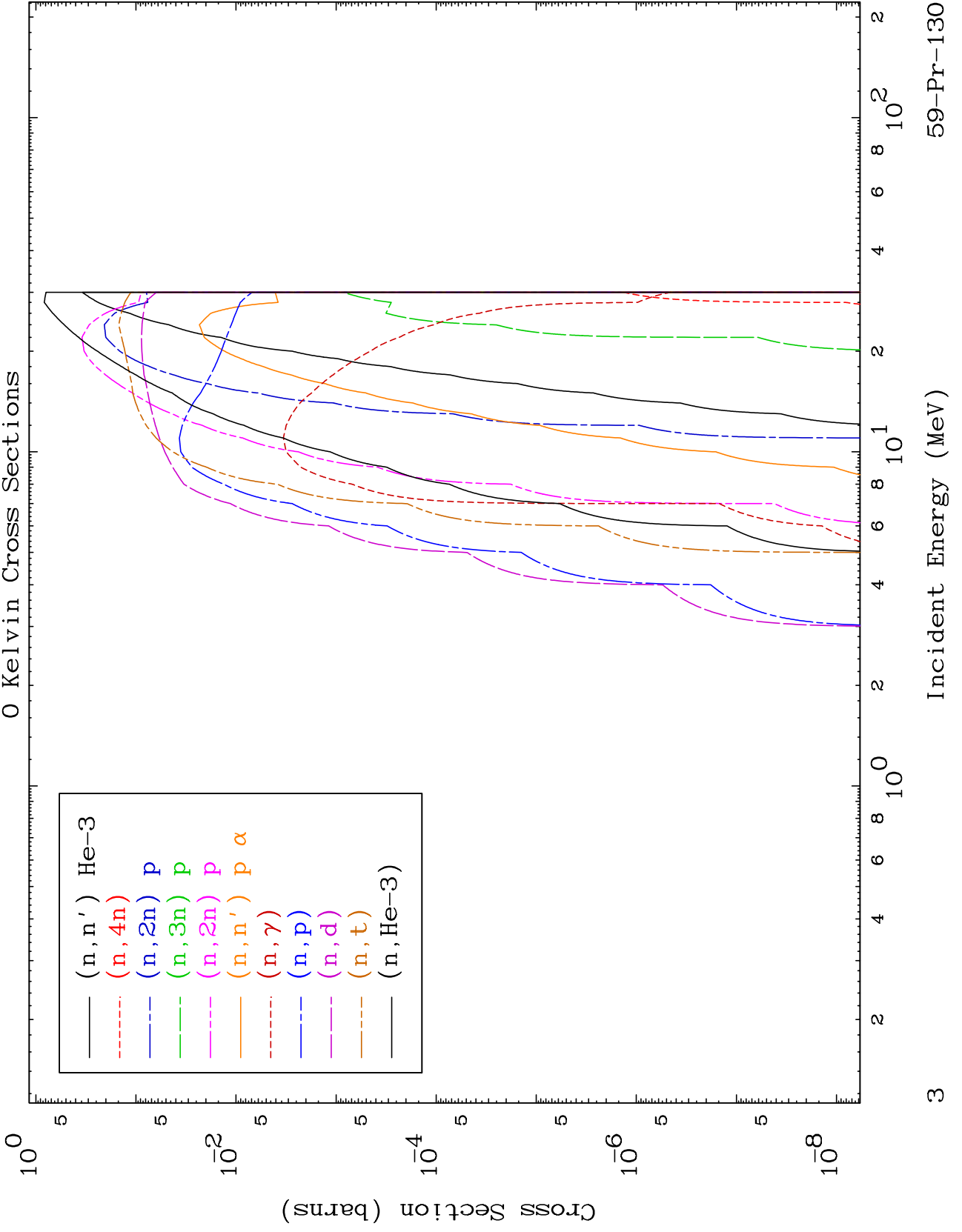
E.Mail:redcullen1@comcast.net

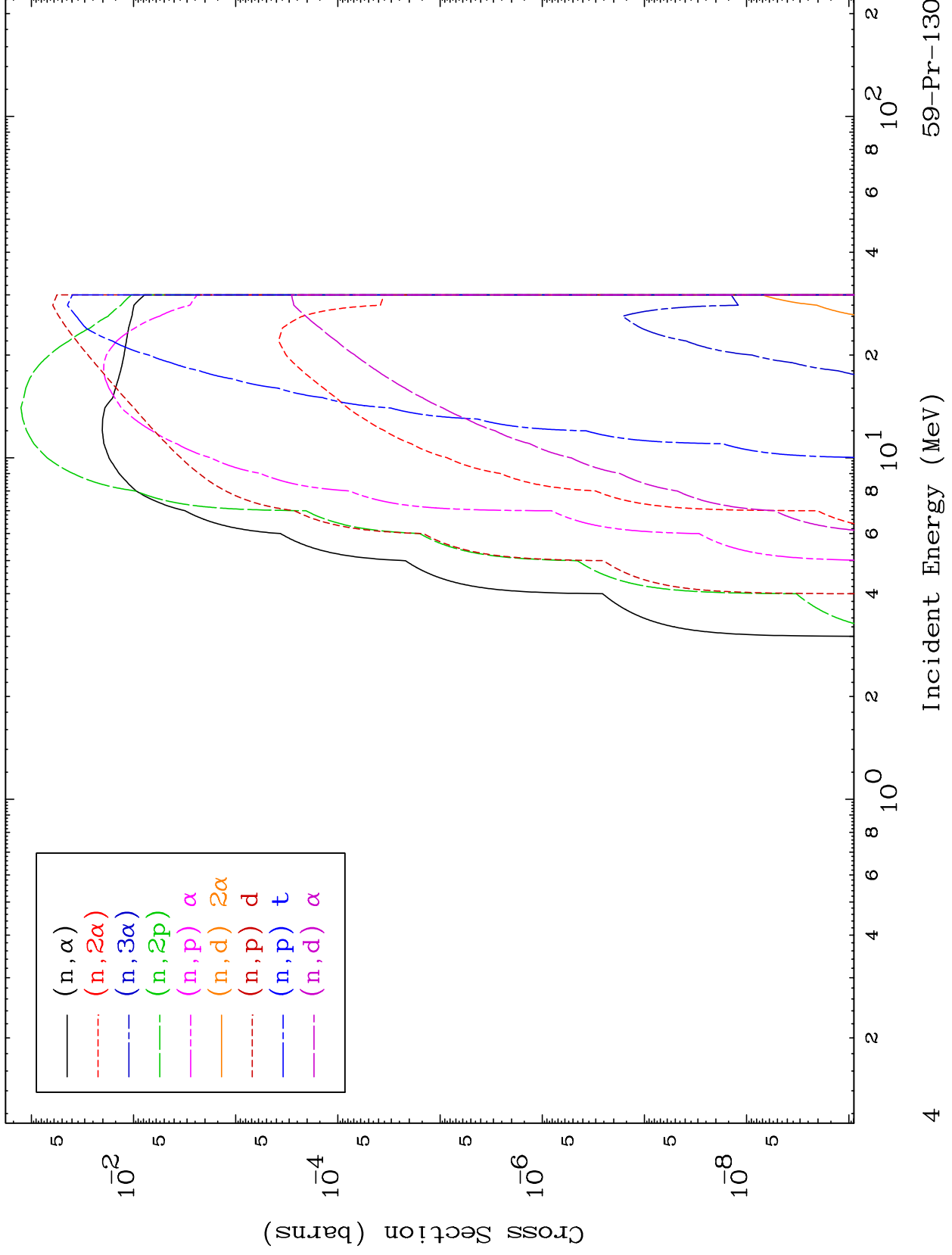
Web:redcullen1.net/HOMEPAGE.NEW

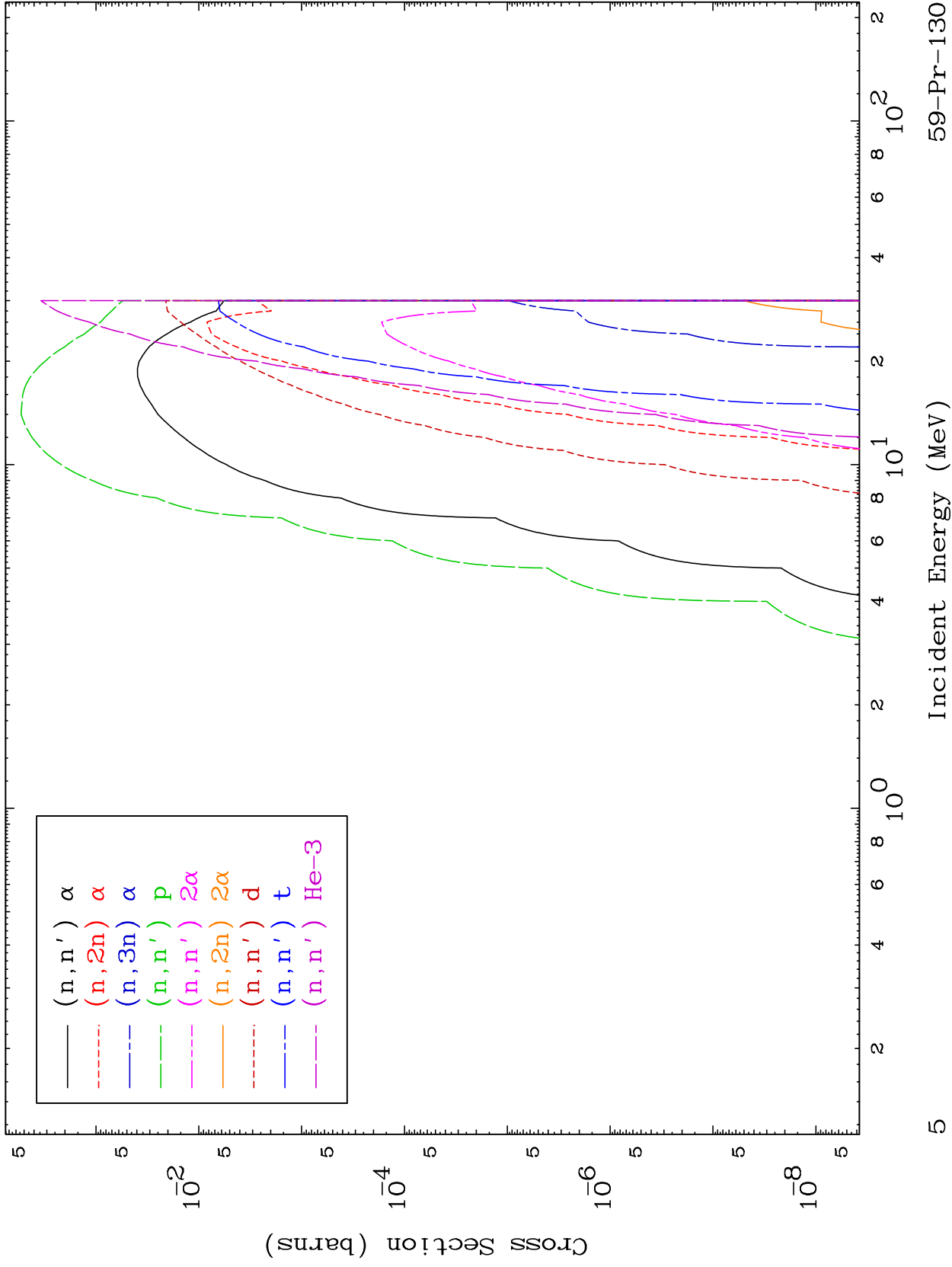
Press Mouse Button to Start

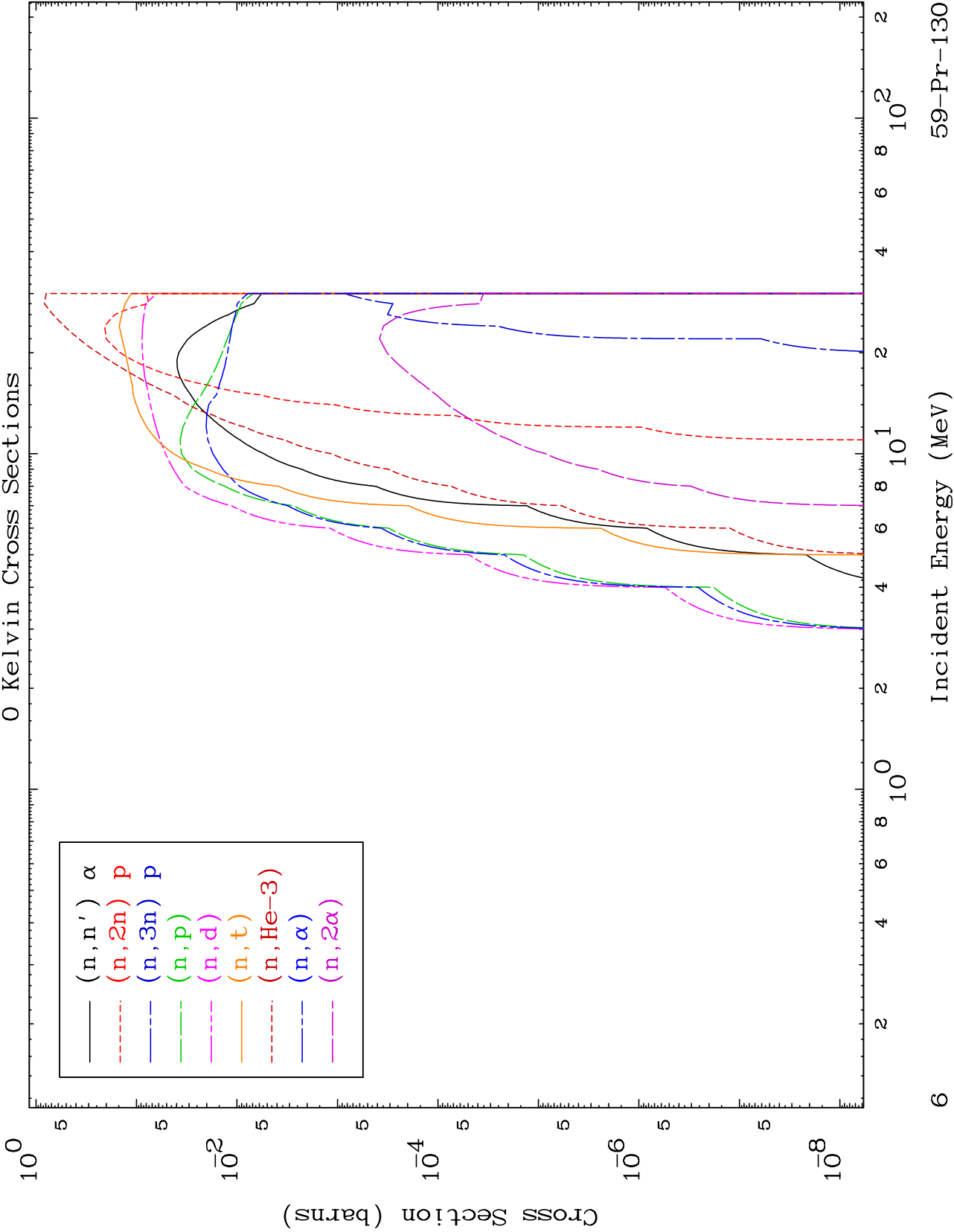


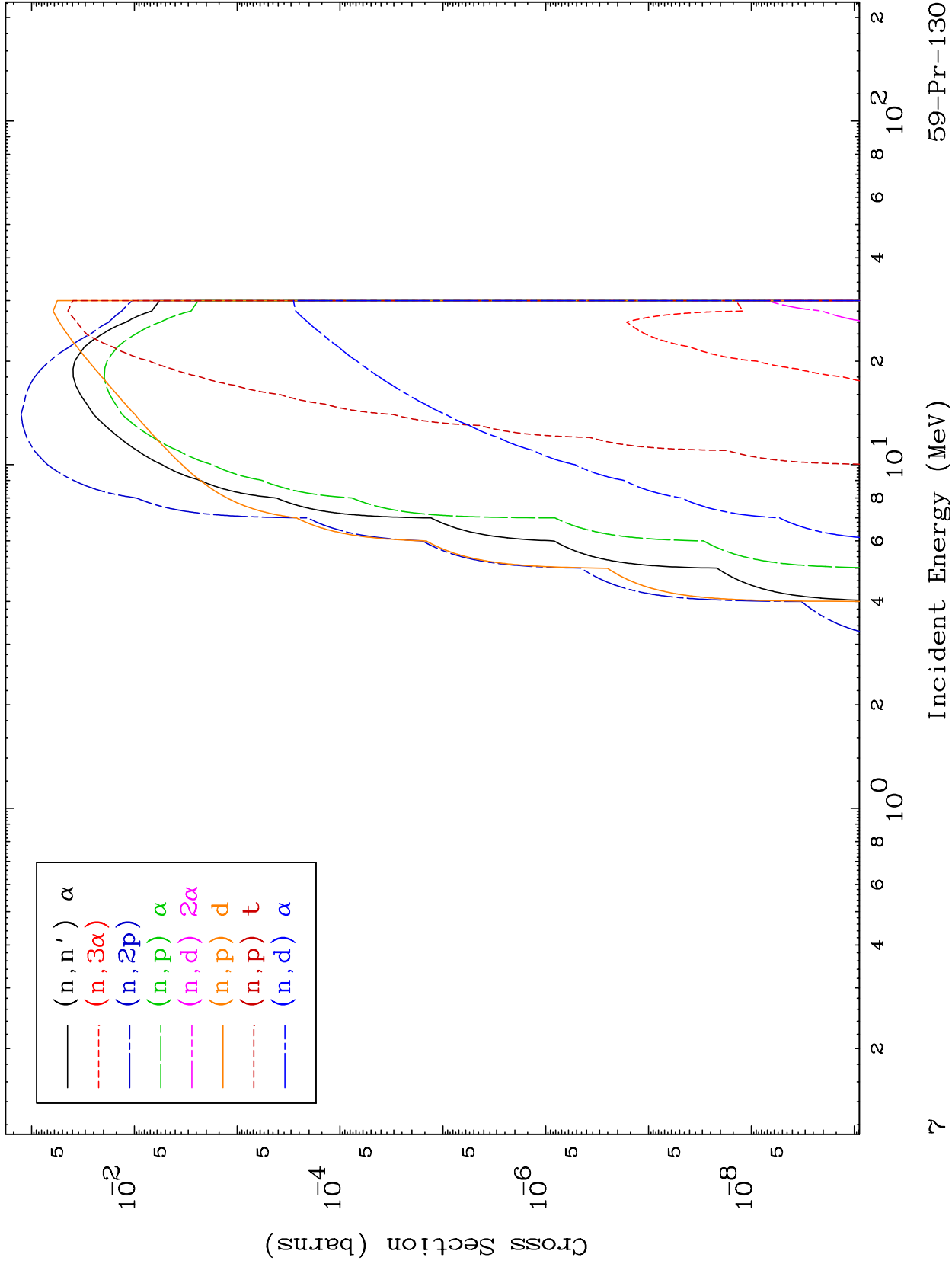










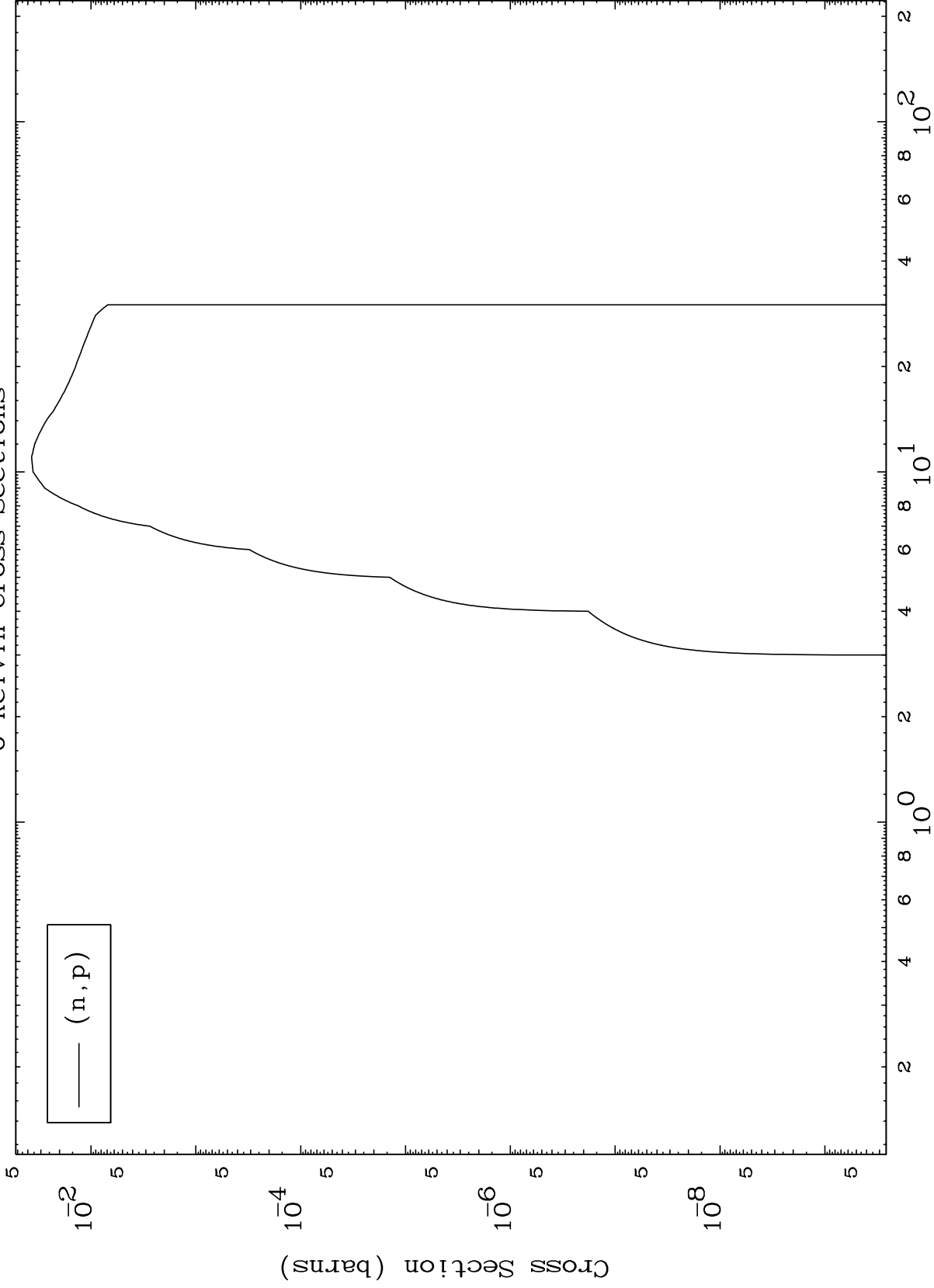


MAT 5892

(t,p) Levels

59-Pr-130

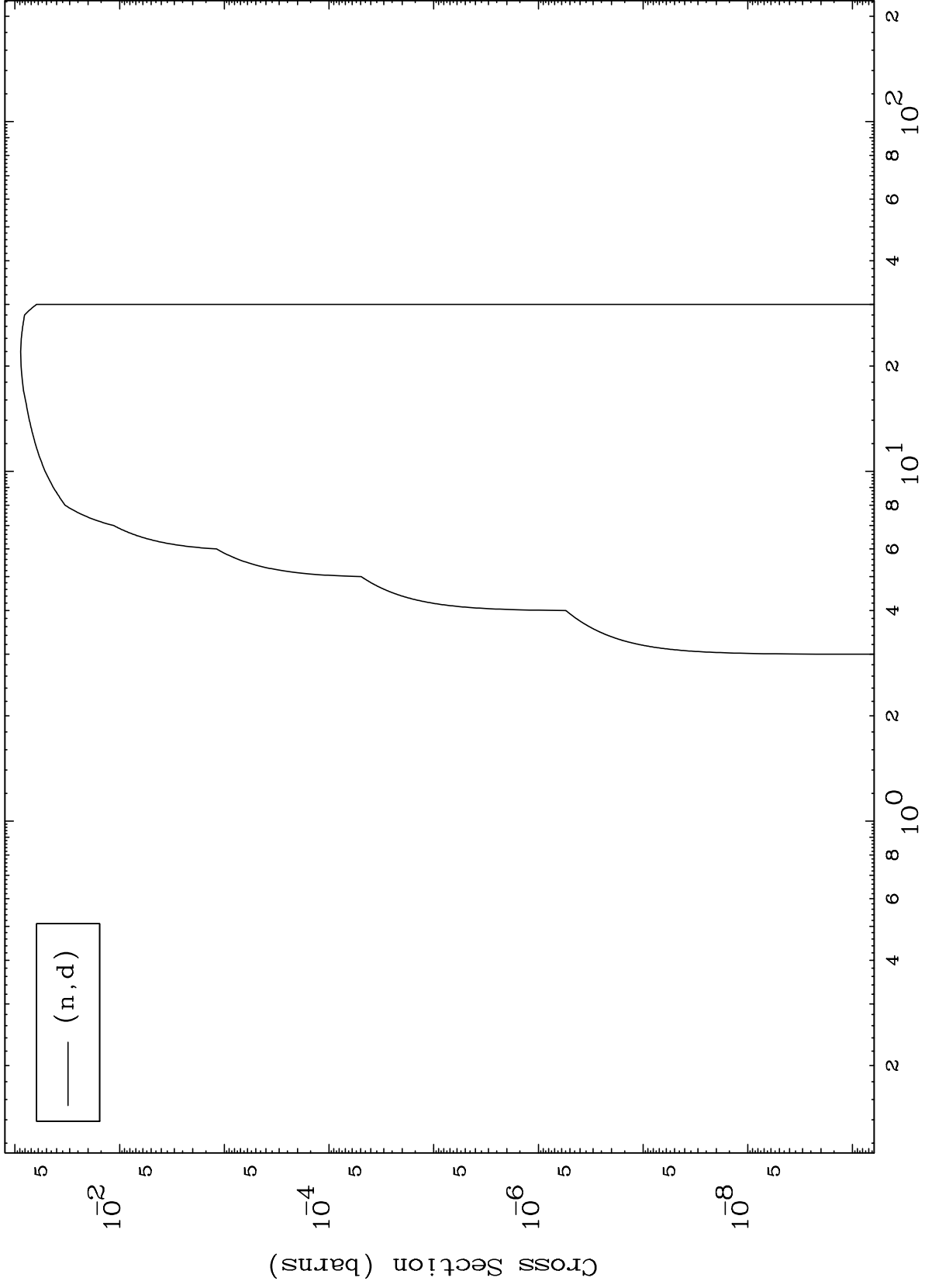
0 Kelvin Cross Sections



MAT 5892

(t, d) Levels
0 Kelvin Cross Sections

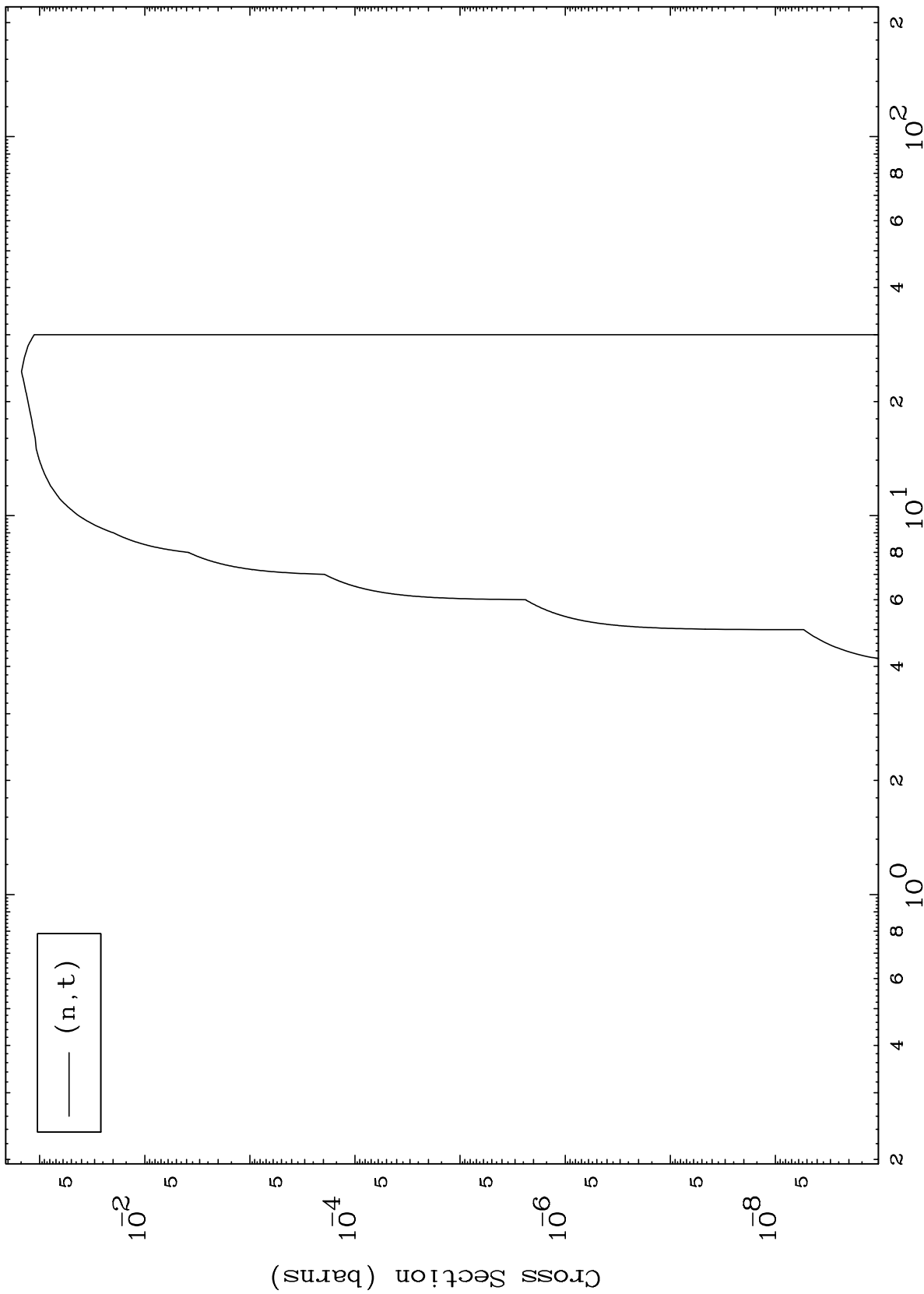
59-Pr-130



MAT 5892

59-Pr-130

(t, t) Levels
0 Kelvin Cross Sections



59-Pr-130

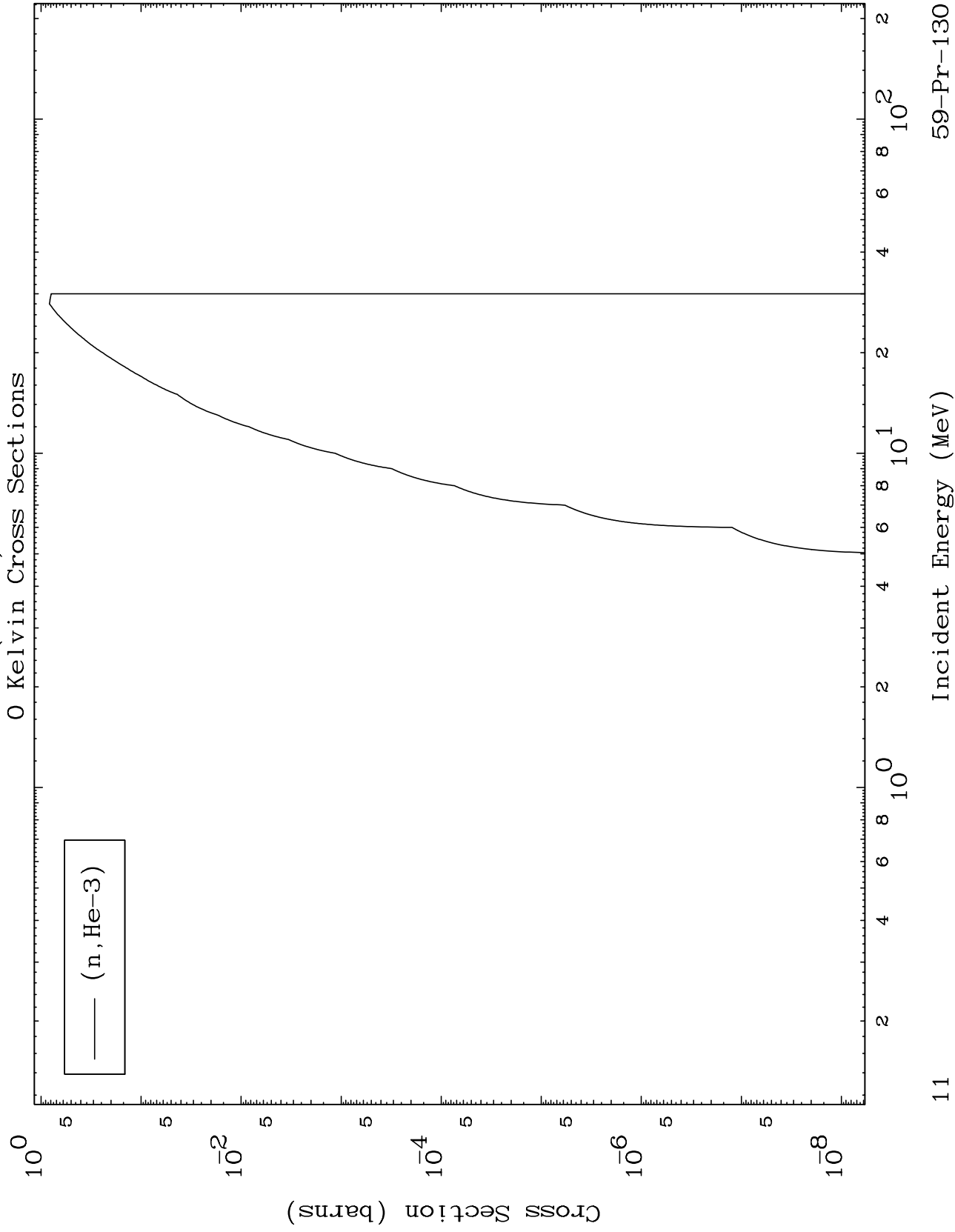
Incident Energy (MeV)

10

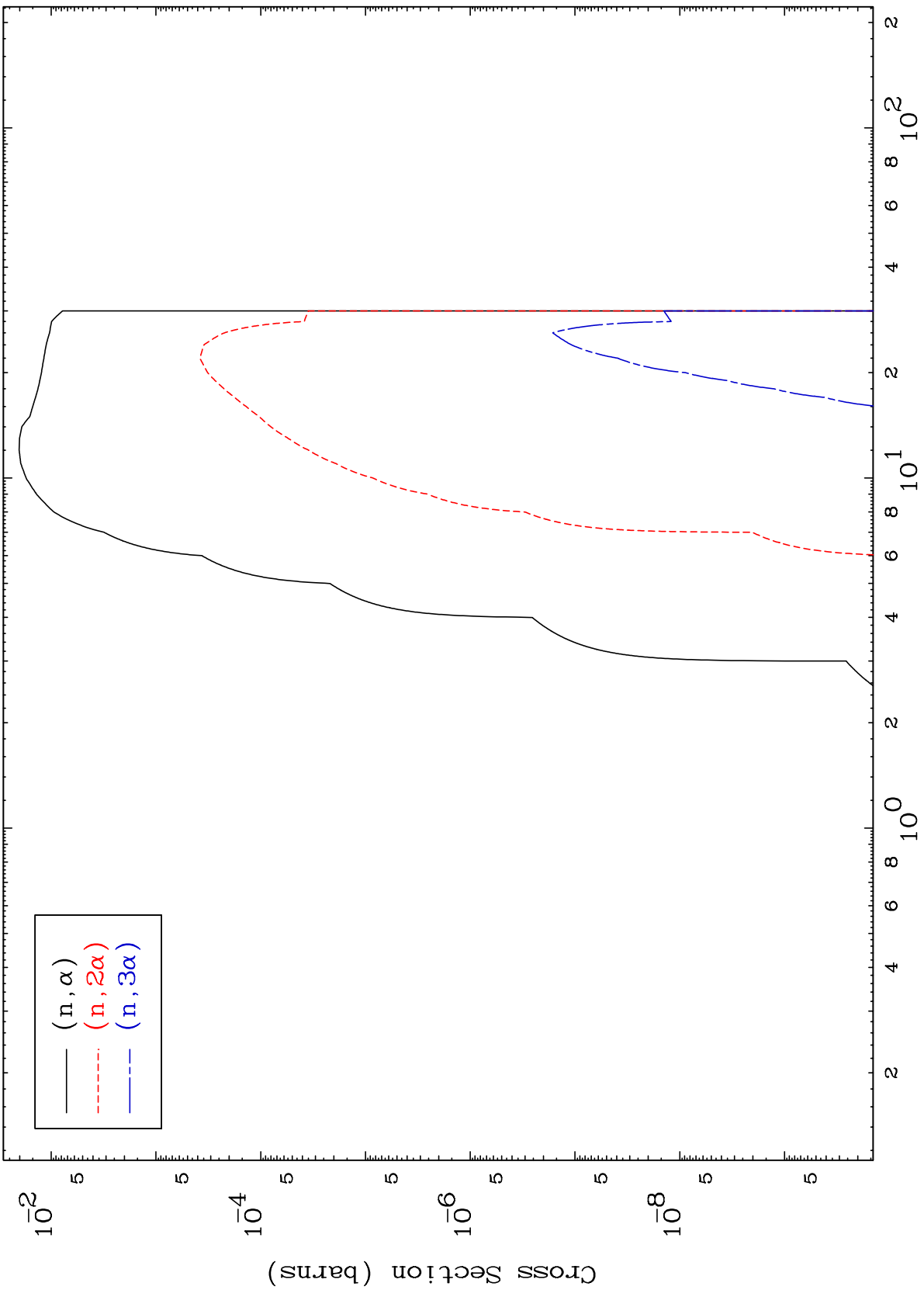
MAT 5892

(t, He3) Levels

59-Pr-130



(t, α) Levels
0 Kelvin Cross Sections

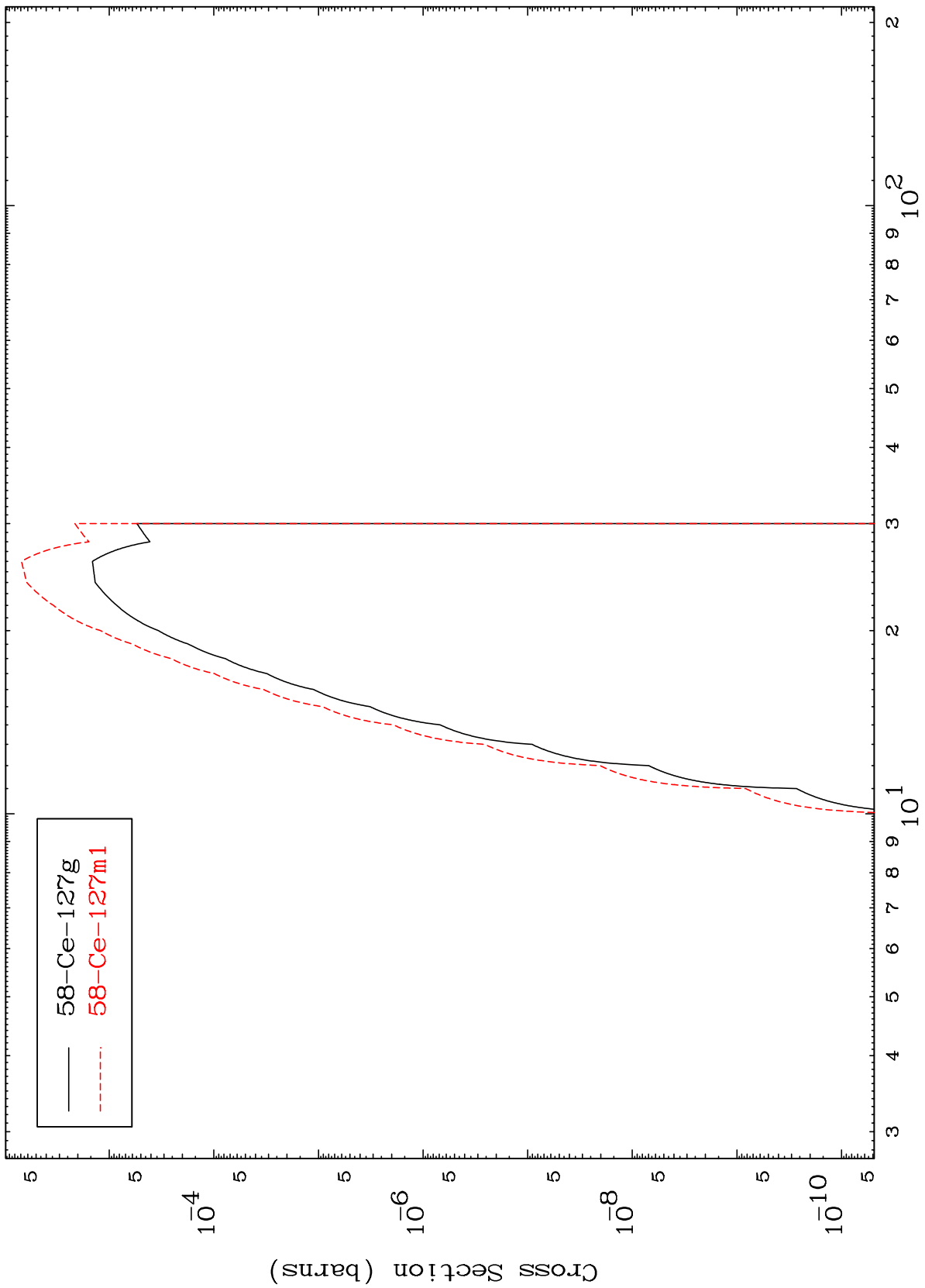


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(n,2n) α

59-Pr-130

Radionuclide Production Cross Section



58-Ce-127g
58-Ce-127m1

13

Incident Energy (MeV)

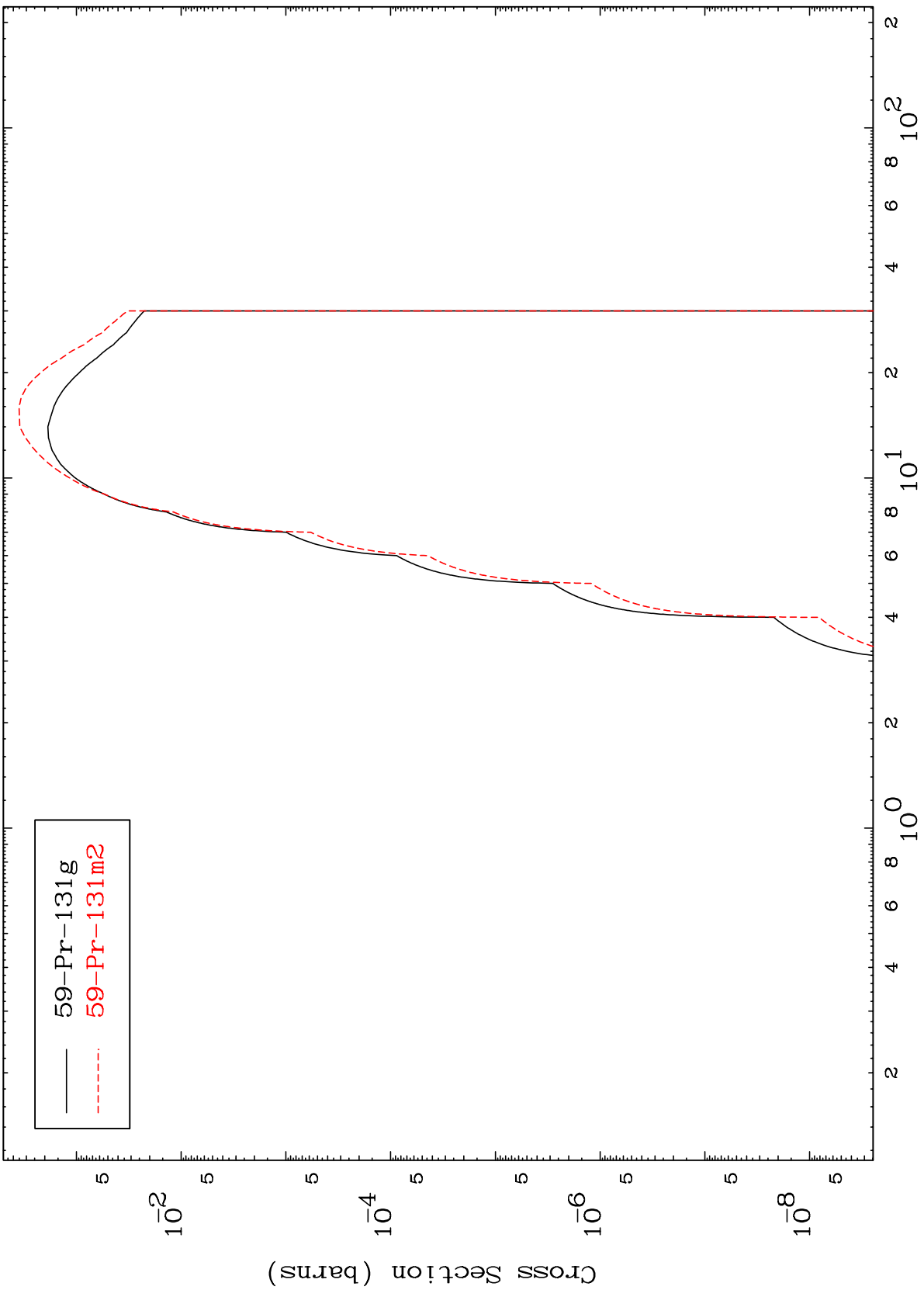
59-Pr-130

MAT 5892

(n,n') p

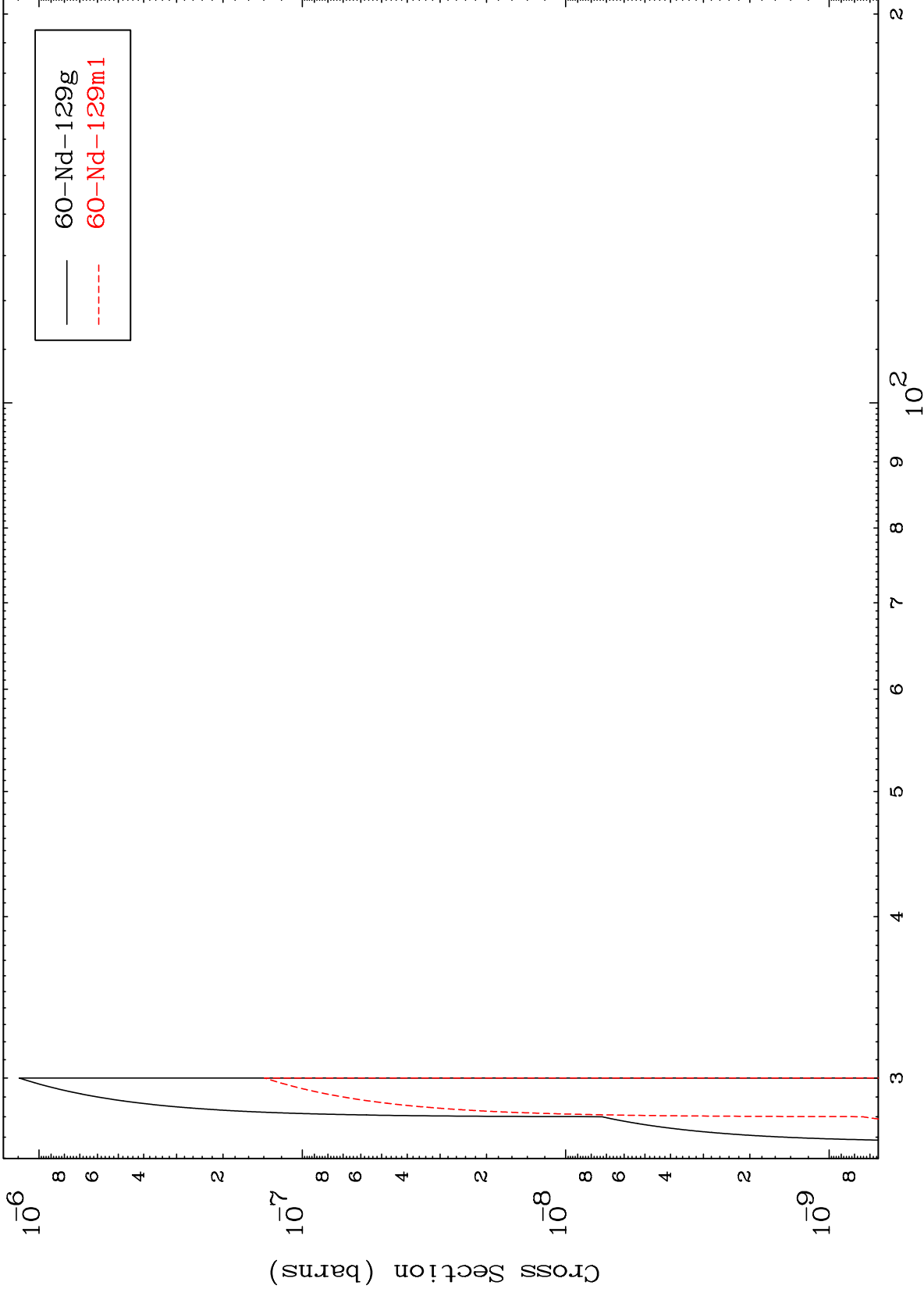
59-Pr-130

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section



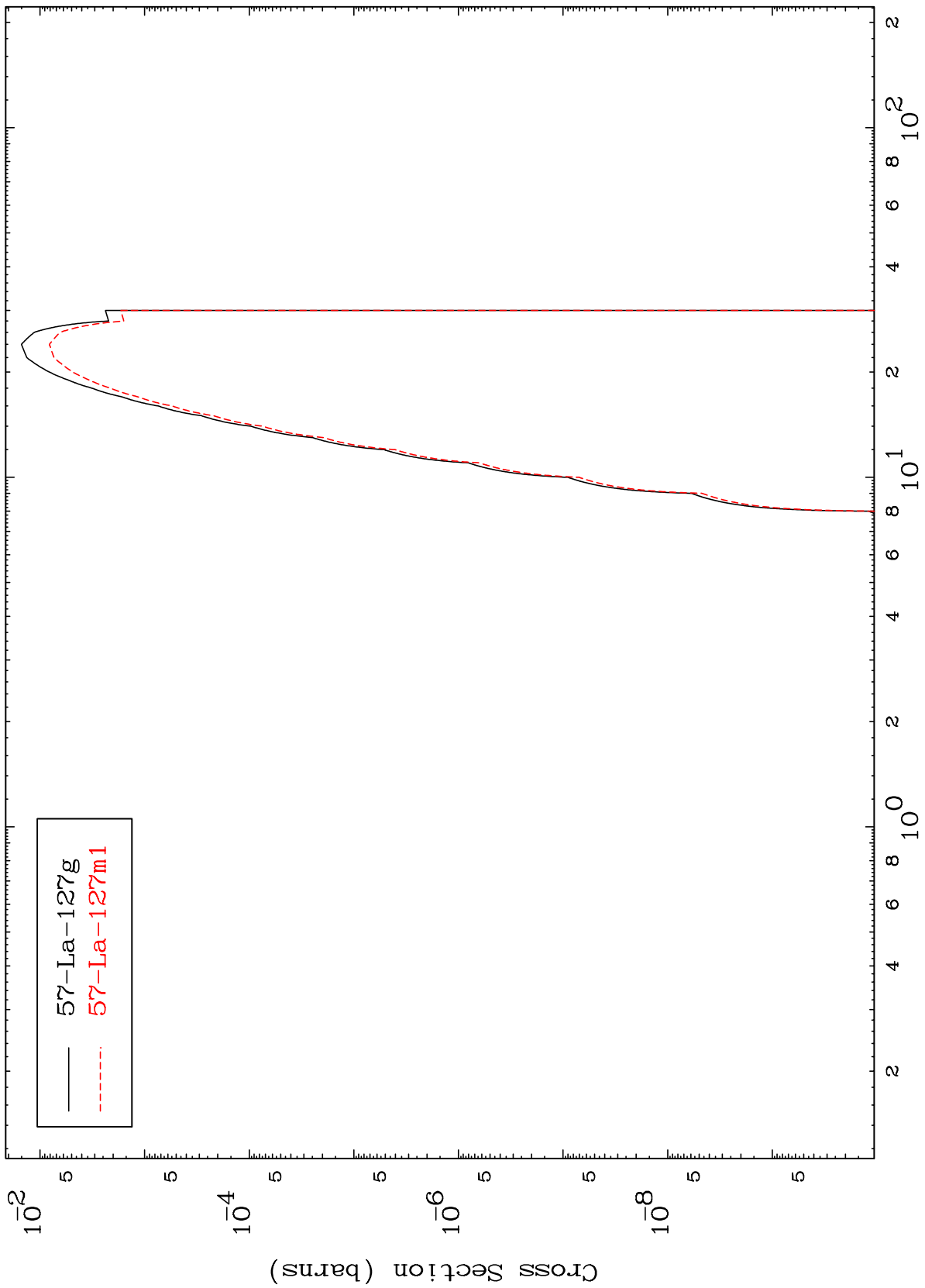
60-Nd-129g
60-Nd-129m1

MAT 5892

(n,n') p α

59-Pr-130

Radionuclide Production Cross Section

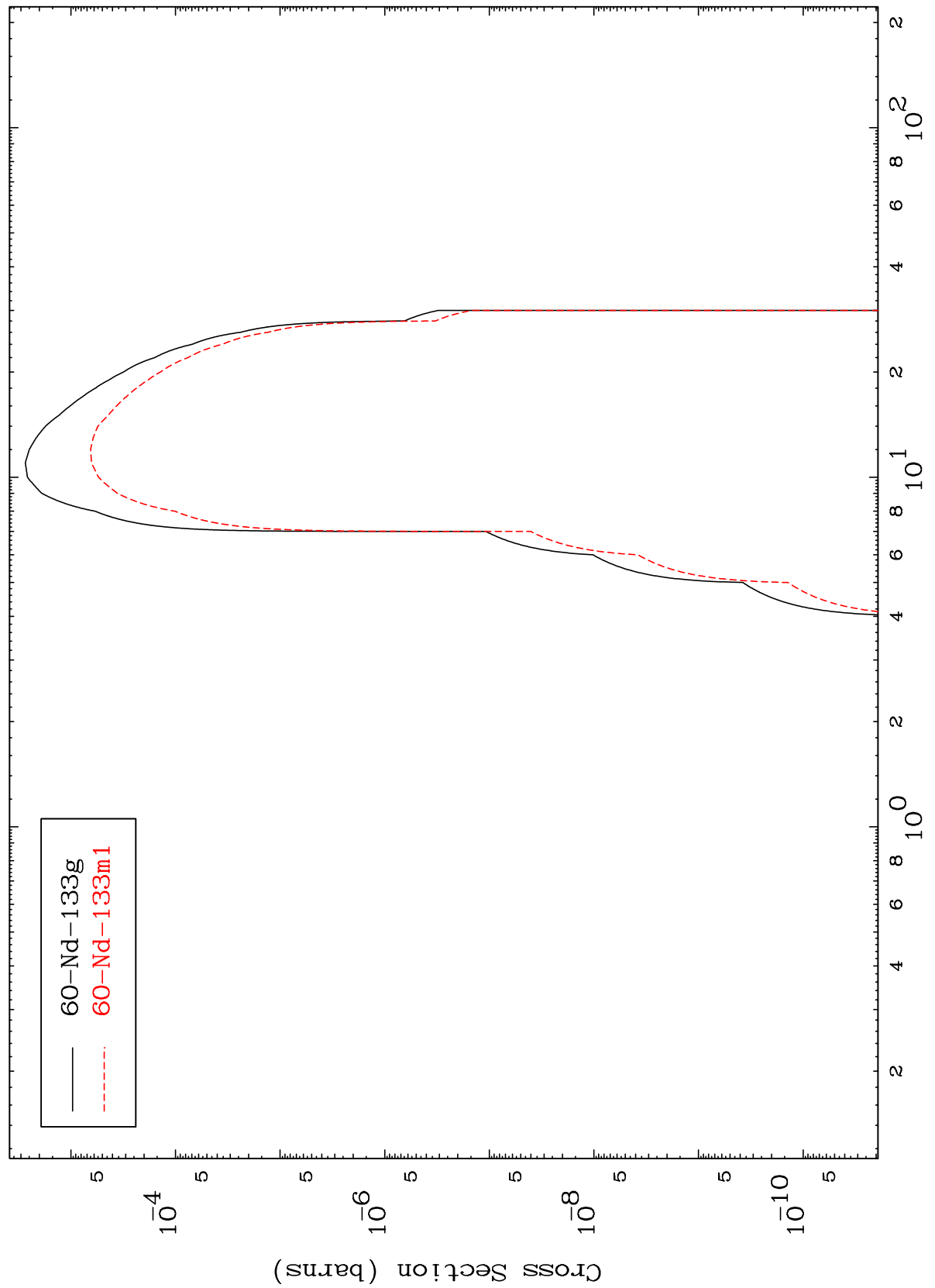


— 57-La-127g
- - - 57-La-127m1

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59-Pr-130

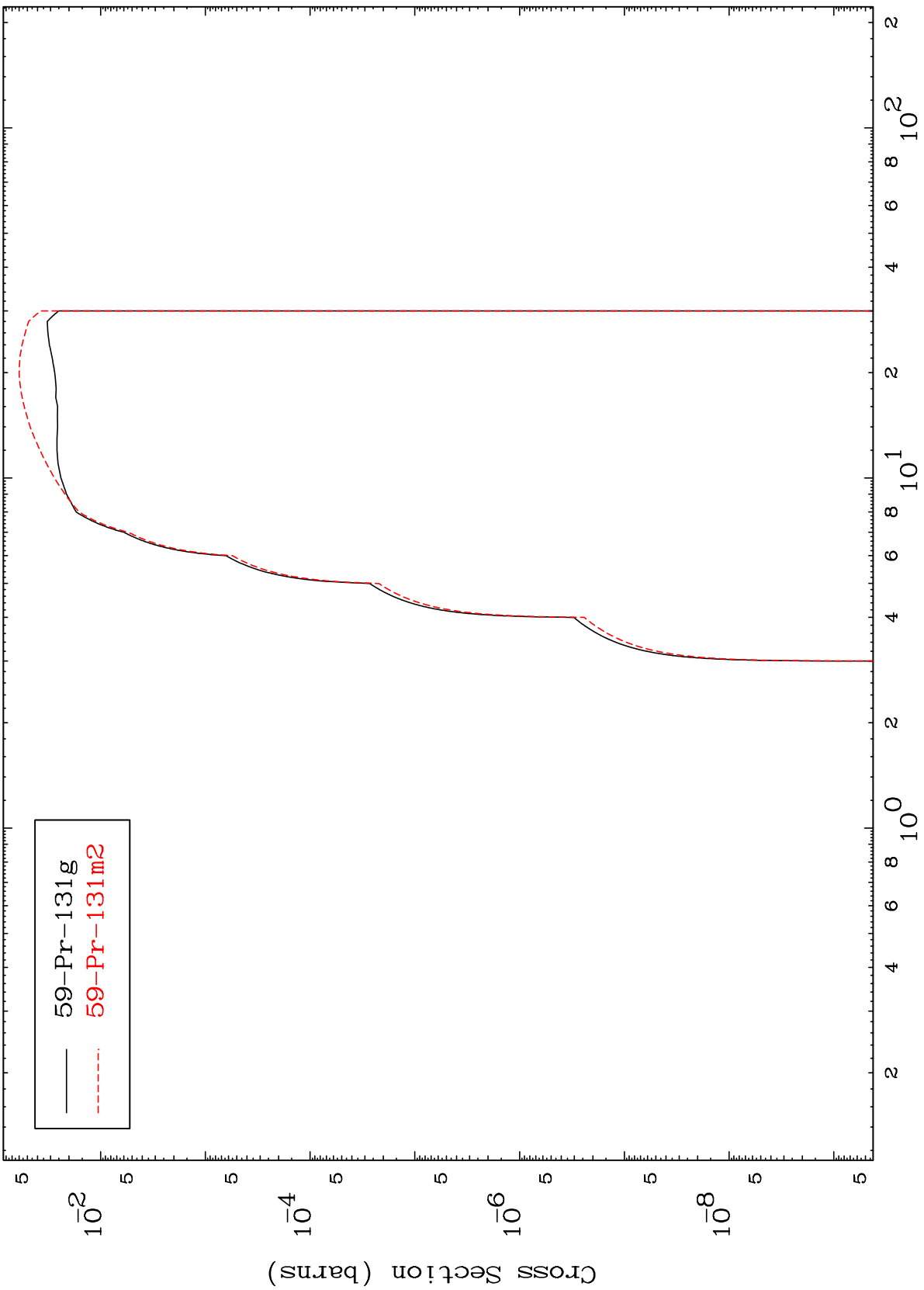
(n, γ)
Radionuclide Production Cross Section



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59-Pr-130

(n,d)
Radionuclide Production Cross Section



59-Pr-130

Incident Energy (MeV)

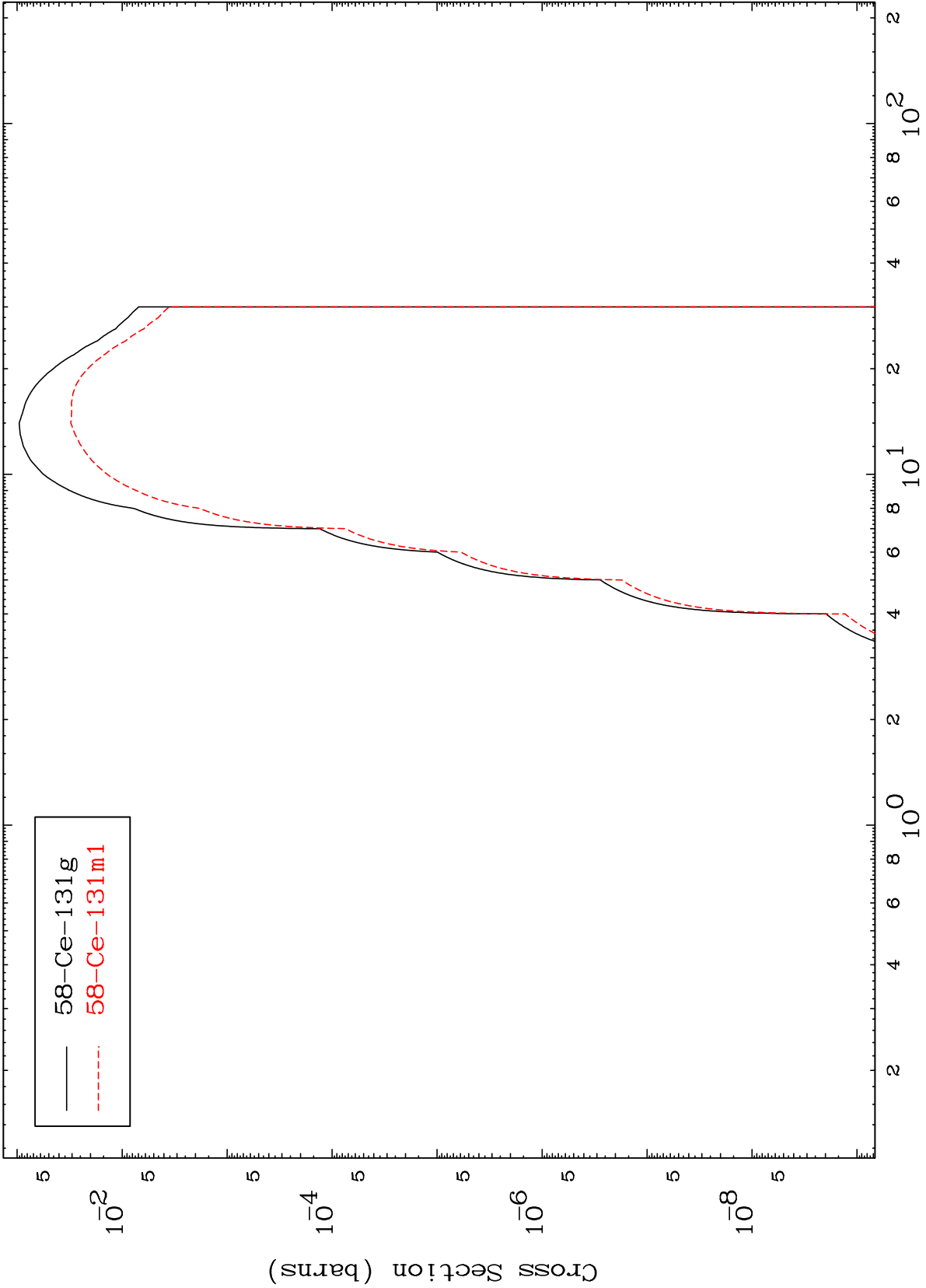
18

MAT 5892

(n,2p)

59-Pr-130

Radionuclide Production Cross Section



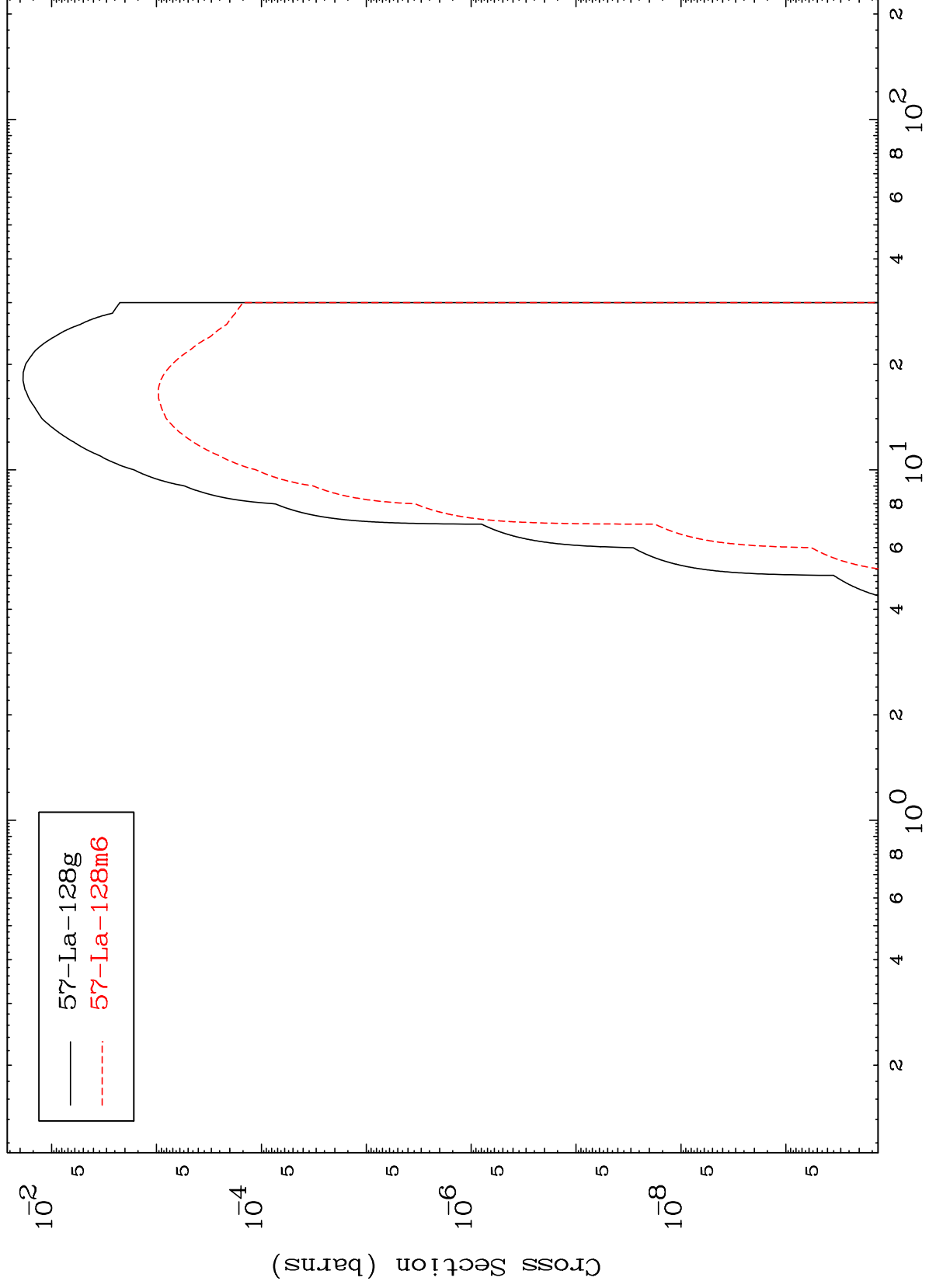
— 58-Ce-131g
- - - 58-Ce-131m1

MAT 5892

(n,p) α

59-Pr-130

Radionuclide Production Cross Section

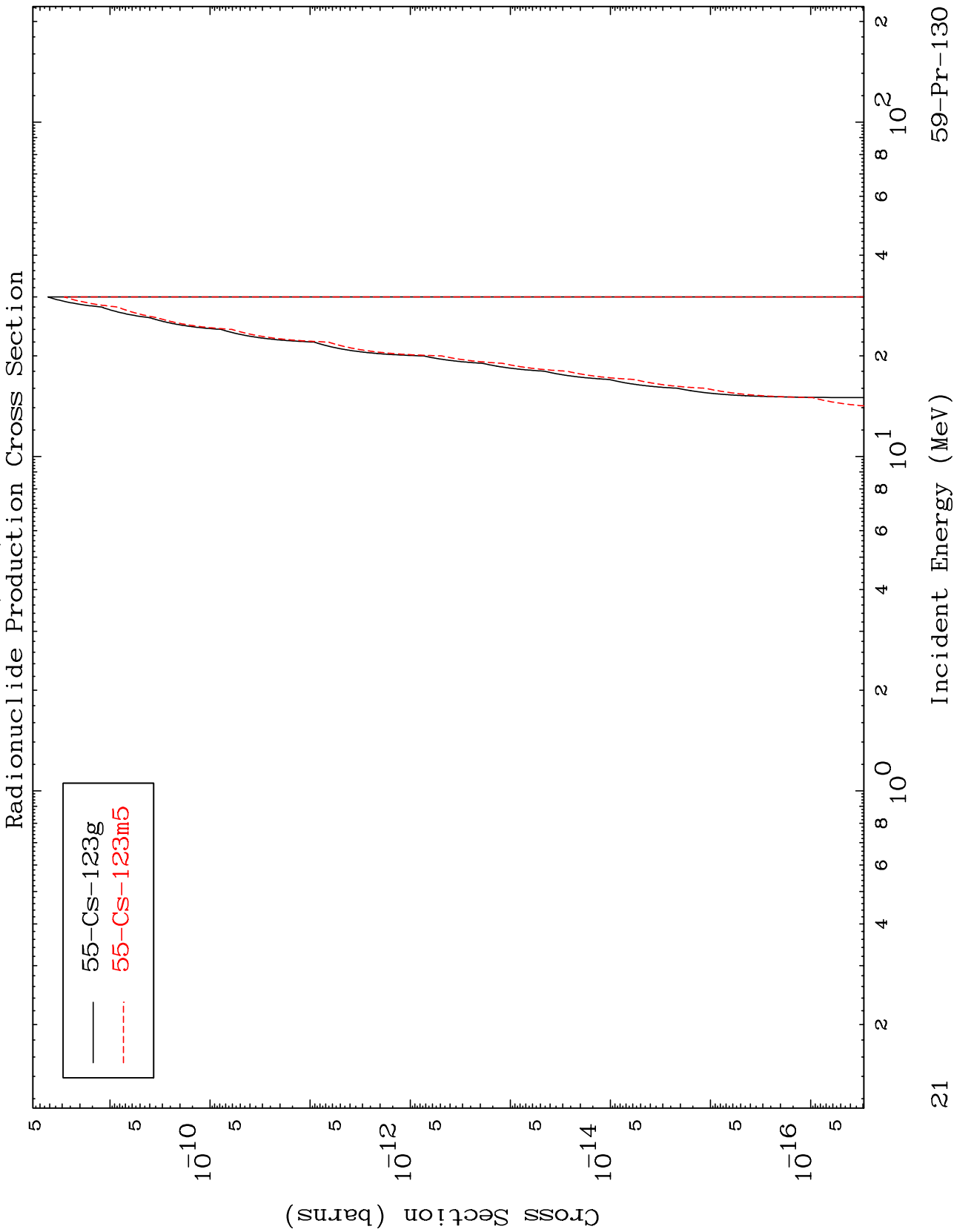


— 57-La-128g
- - - 57-La-128m6

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(n,d) 2α

59-Pr-130

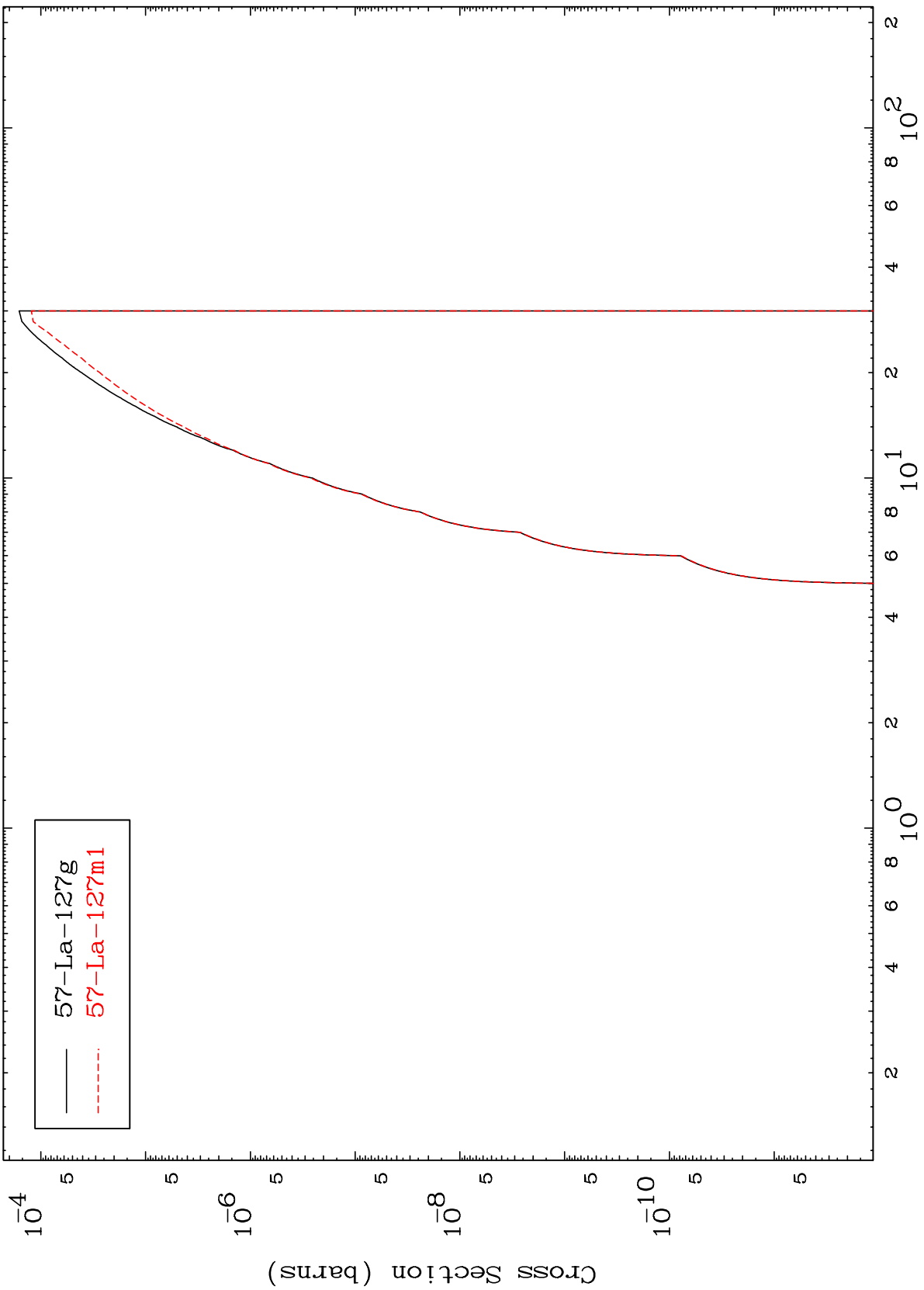


MAT 5892

(n,d) α

59-Pr-130

Radionuclide Production Cross Section



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