

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

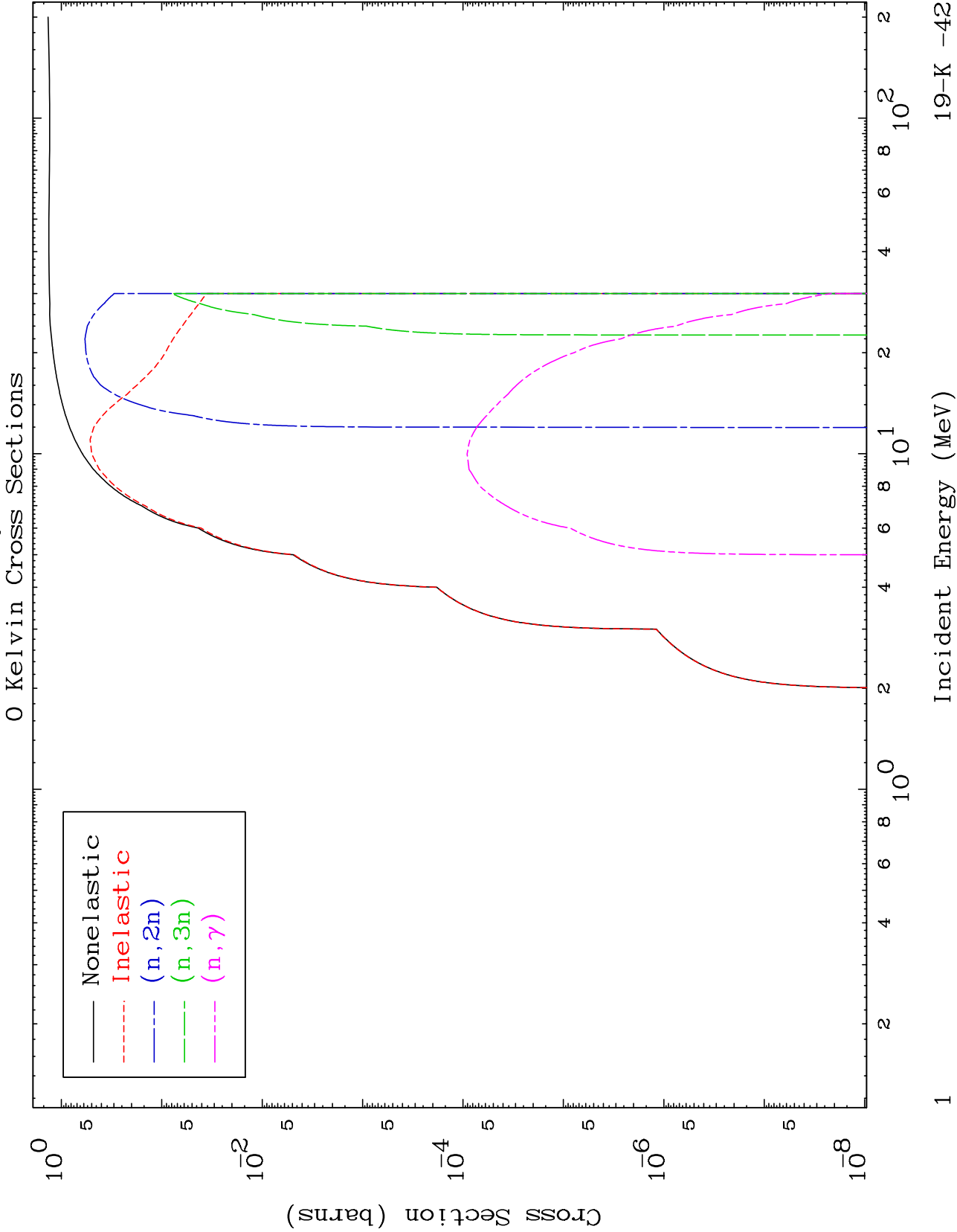
Web: redcullen1.net/HOMEPAGE.NEW

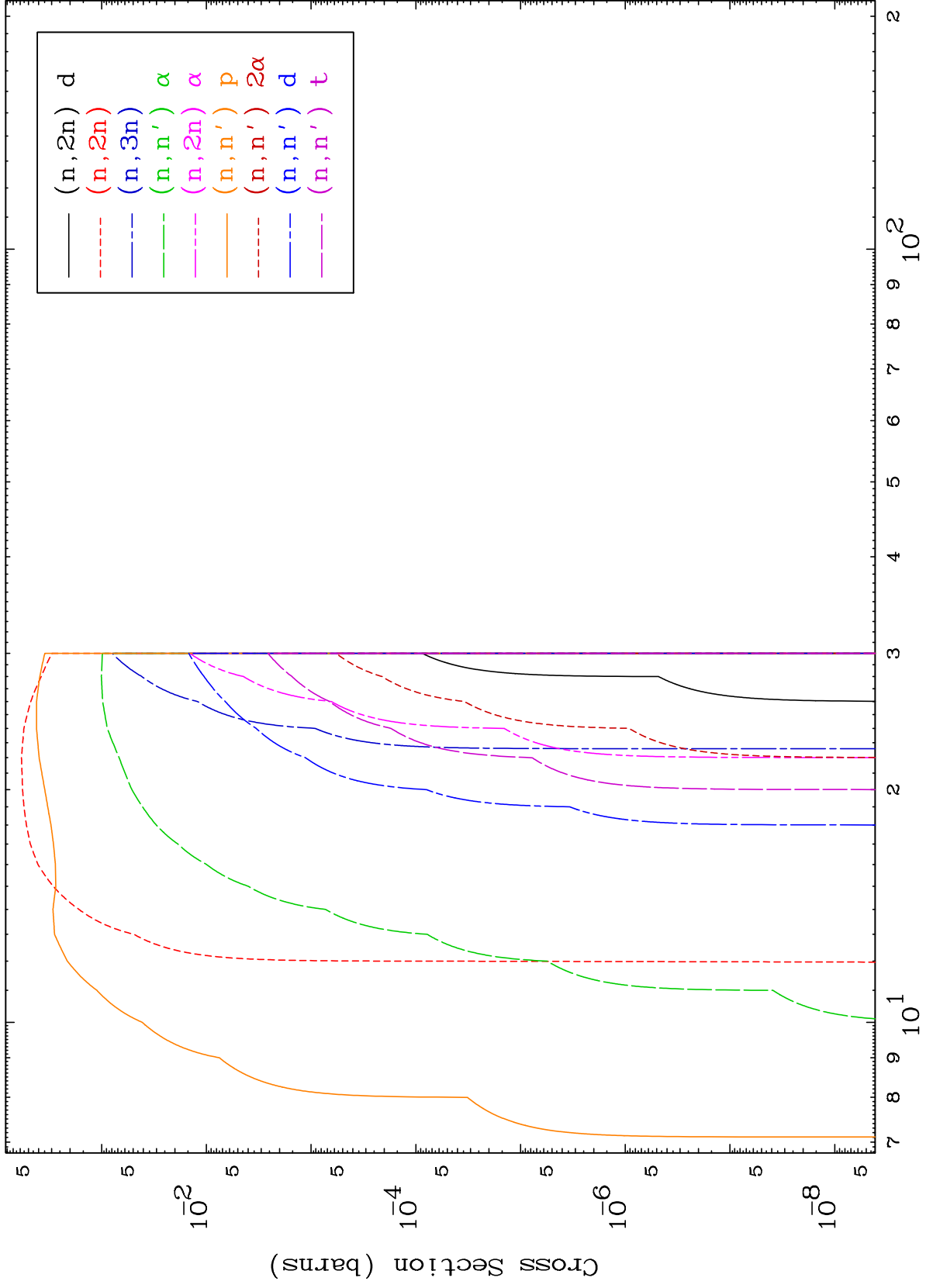
Press Mouse Button to Start

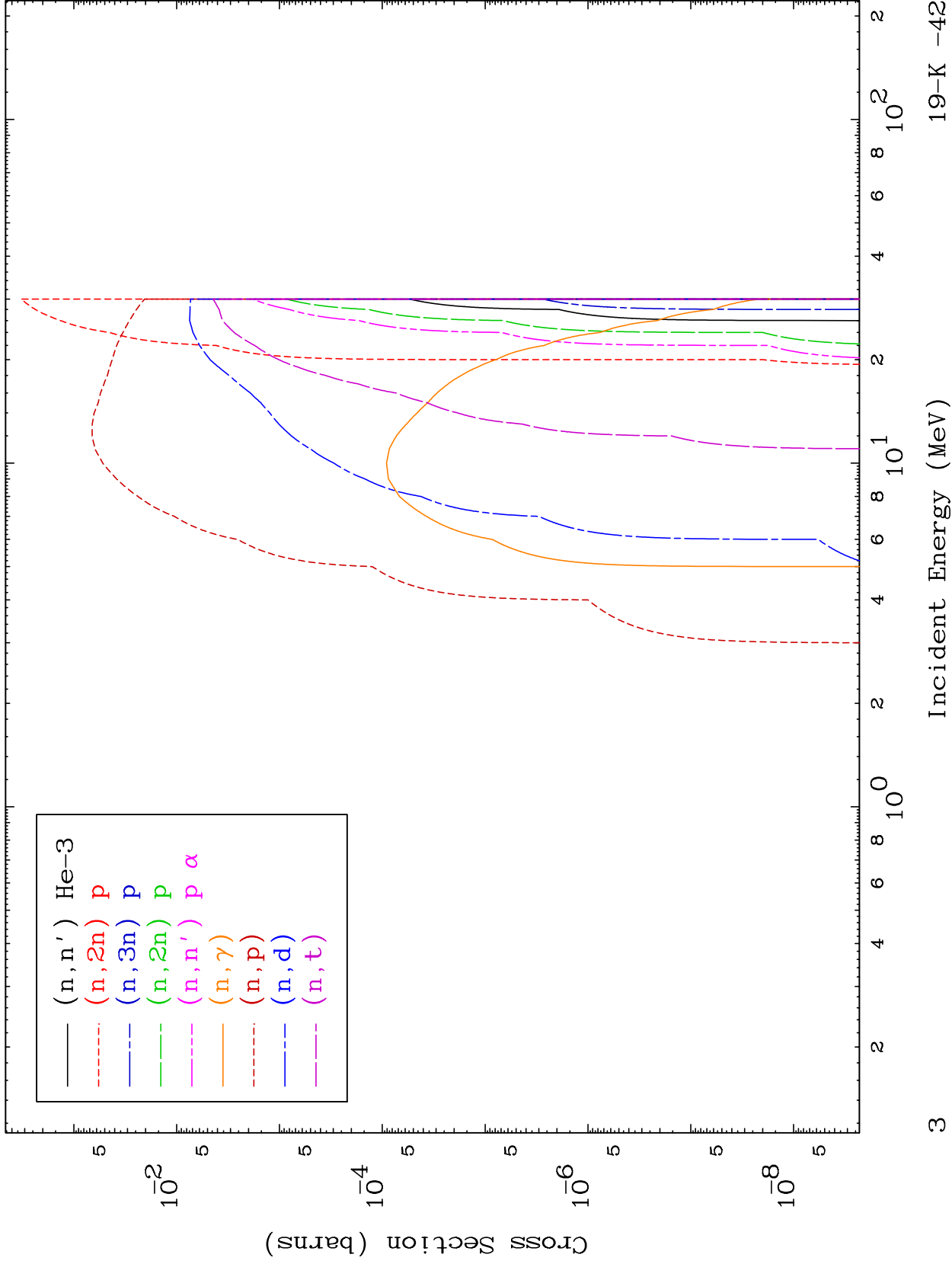
MAT 1934

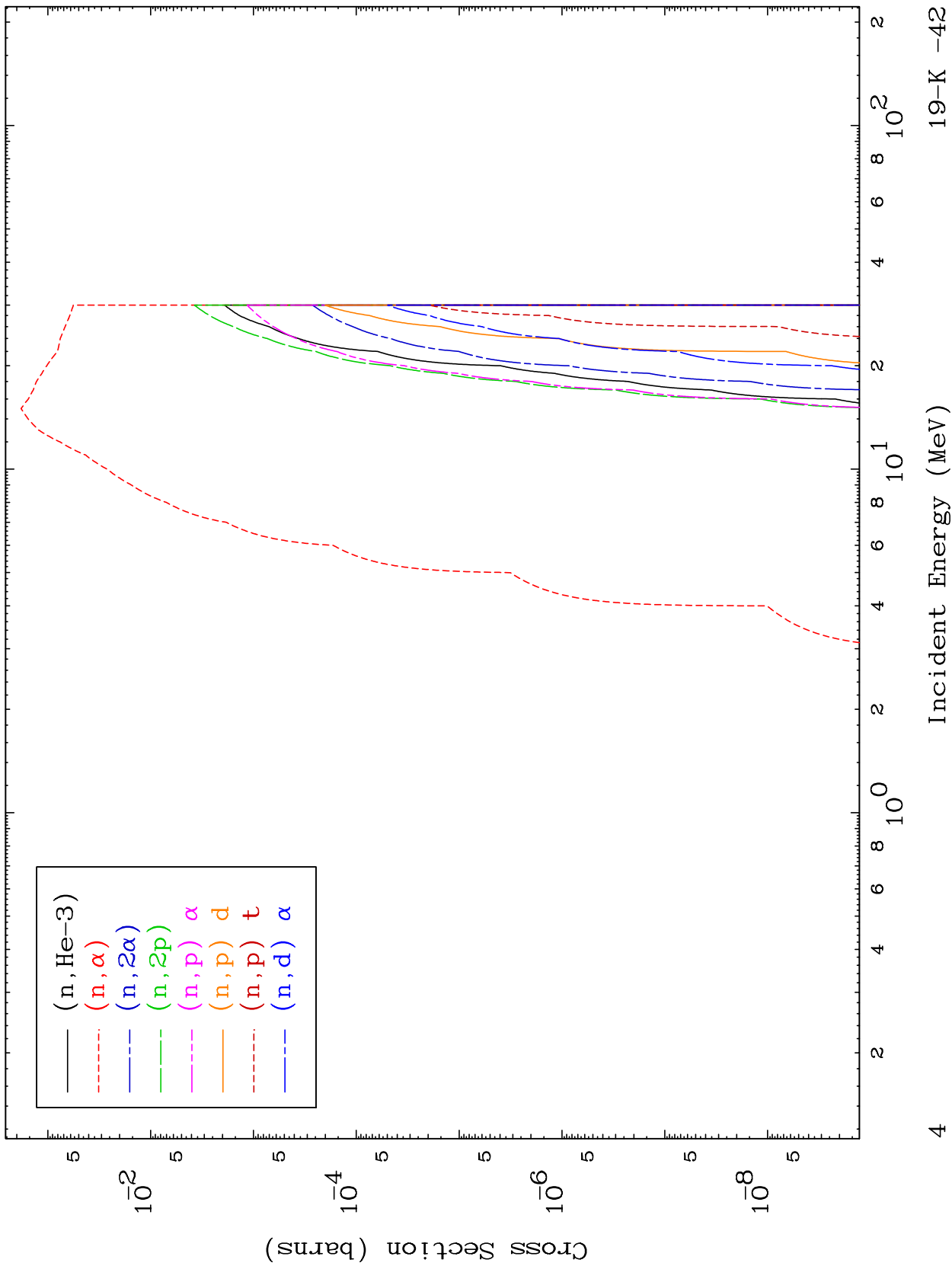
α Major

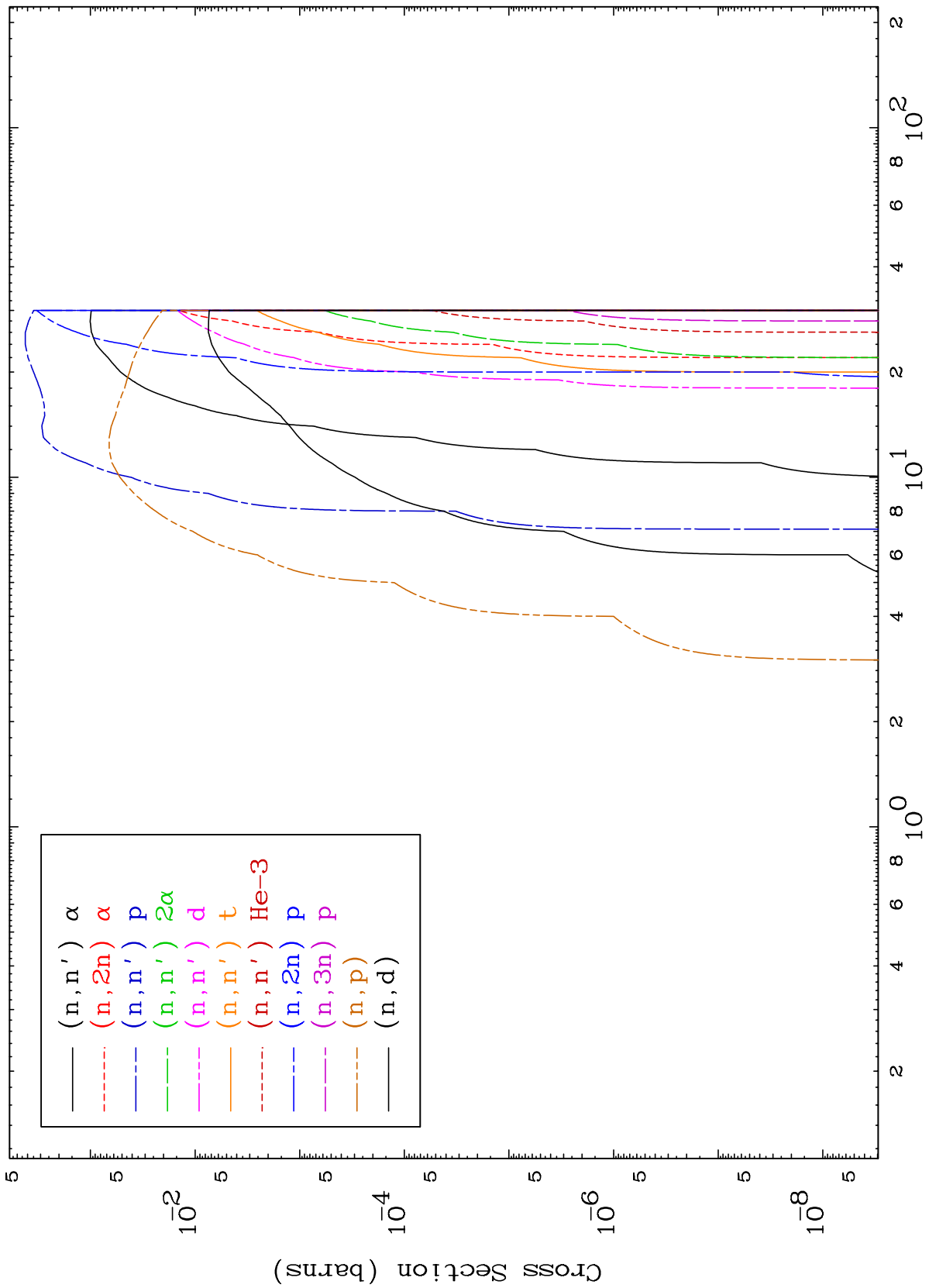
19-K -42

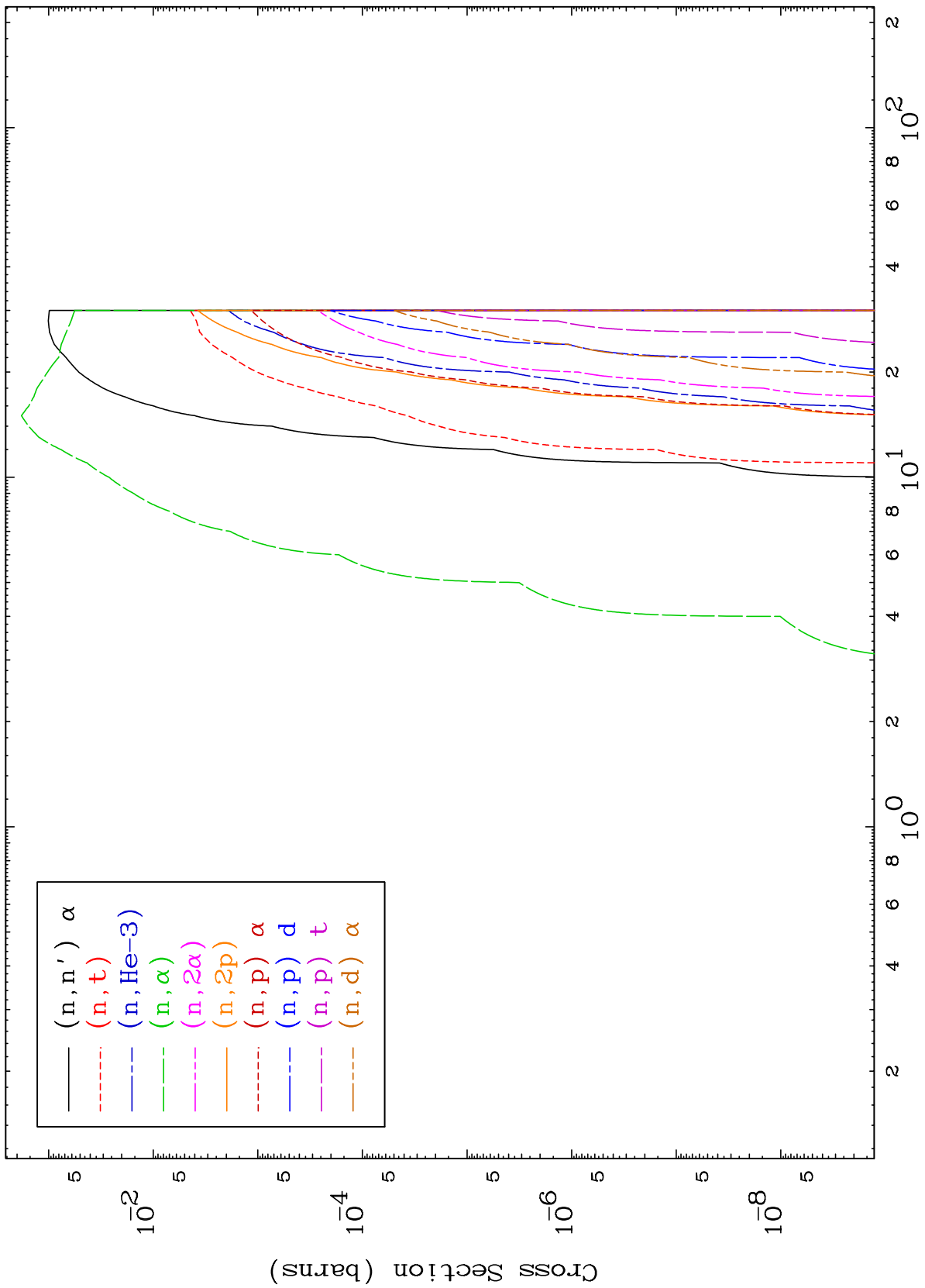










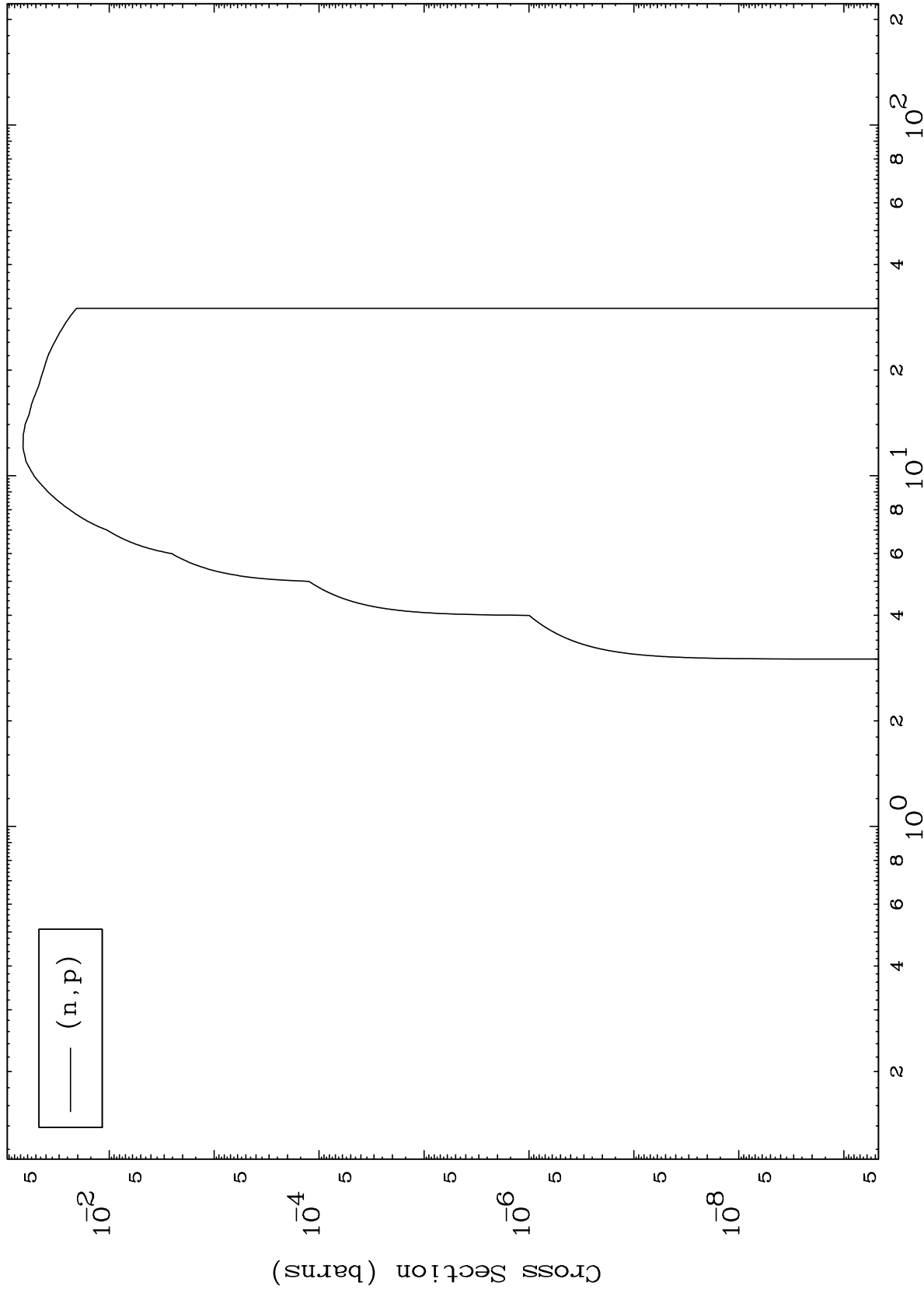


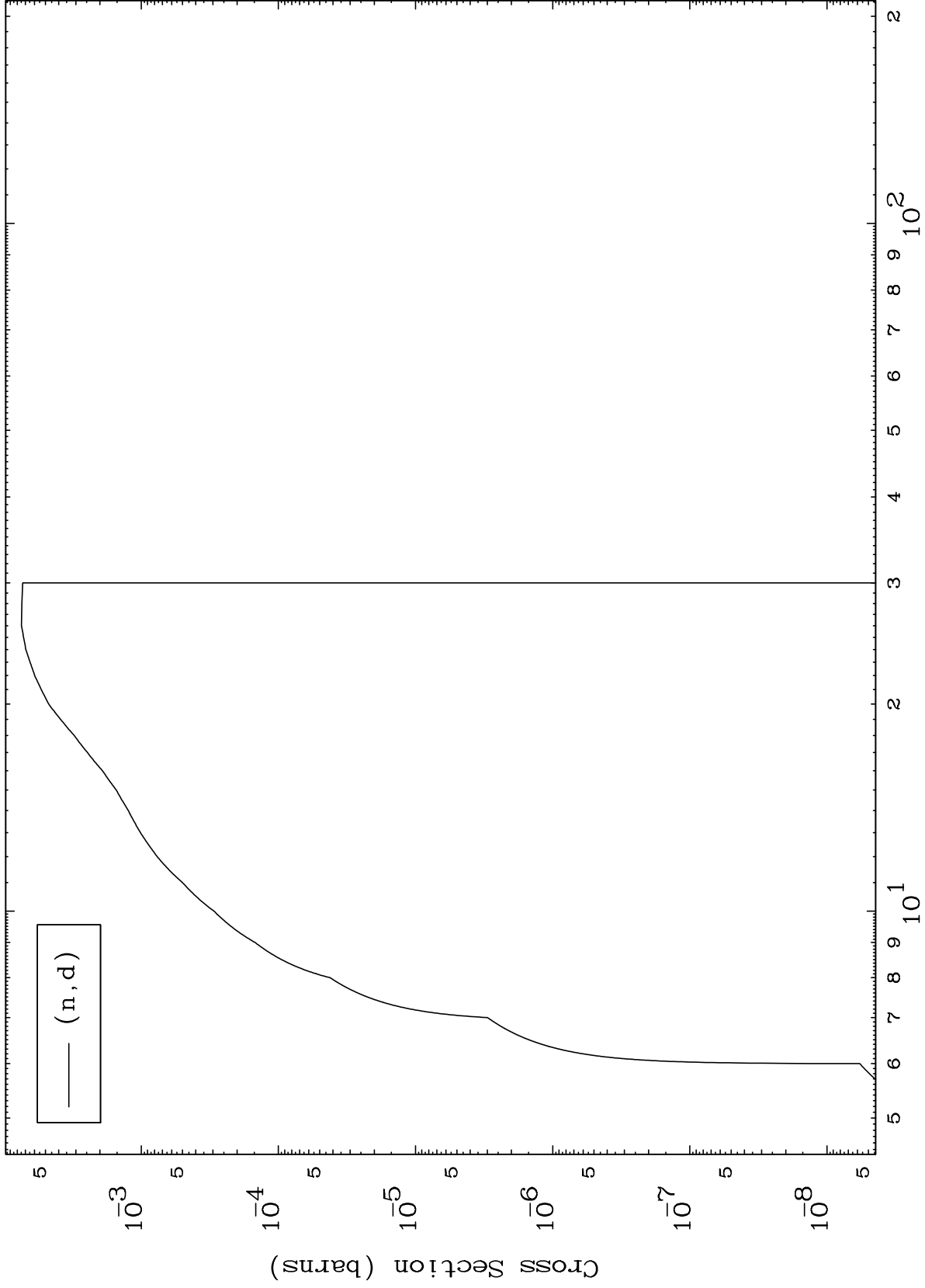
MAT 1934

(α, p) Levels

19-K -42

0 Kelvin Cross Sections



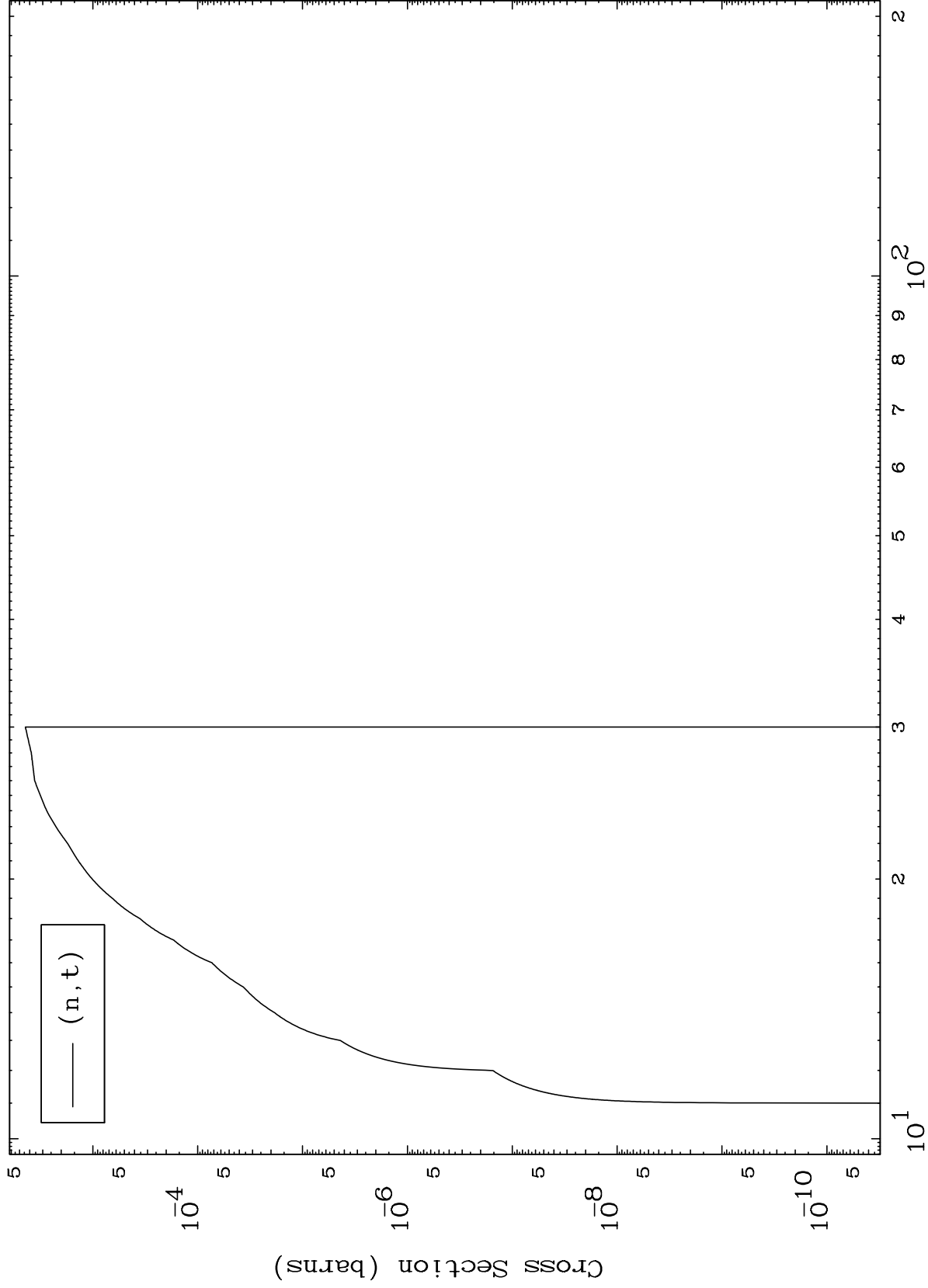


MAT 1934

(α, t) Levels

19-K -42

0 Kelvin Cross Sections



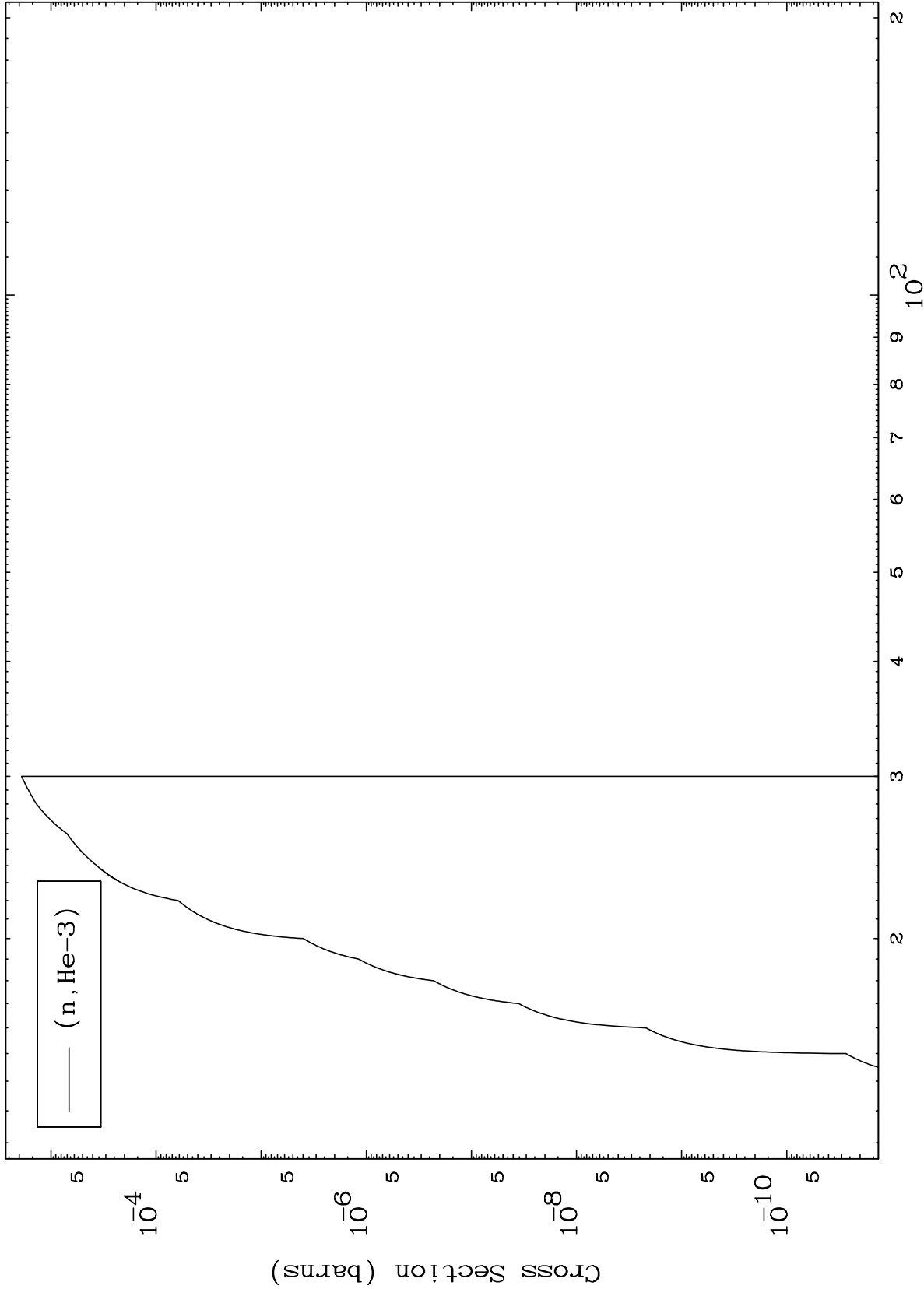
Incident Energy (MeV)

19-K -42

MAT 1934

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

19-K -42



10

Incident Energy (MeV)

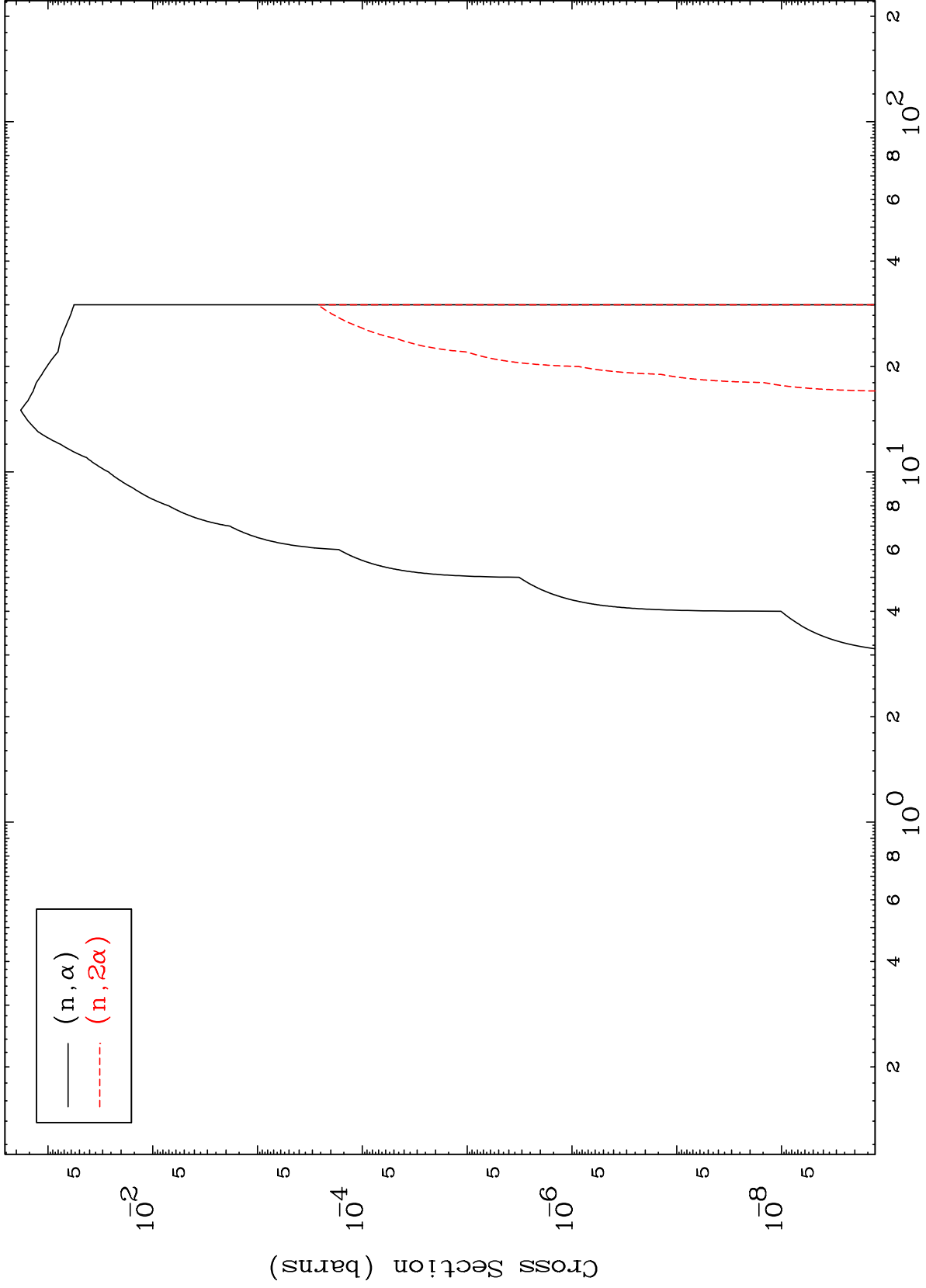
19-K -42

MAT 1934

(α, α) Levels

19-K -42

0 Kelvin Cross Sections

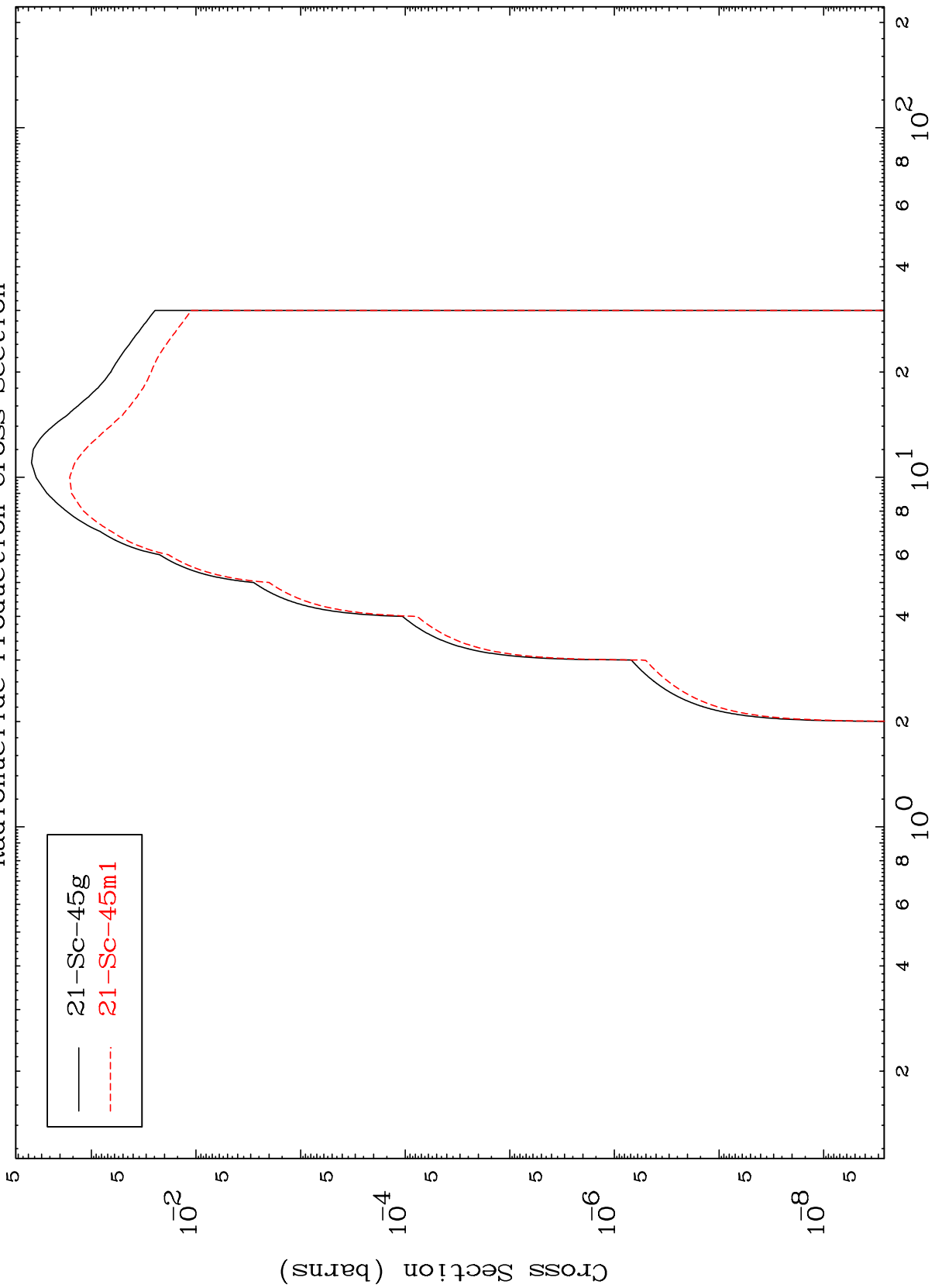


— (n, α)
- - - ($n, 2\alpha$)

MAT 1934

19-K -42

Inelastic Radionuclide Production Cross Section



— ^{45g}Sc
- - - ^{45m1}Sc

19-K -42

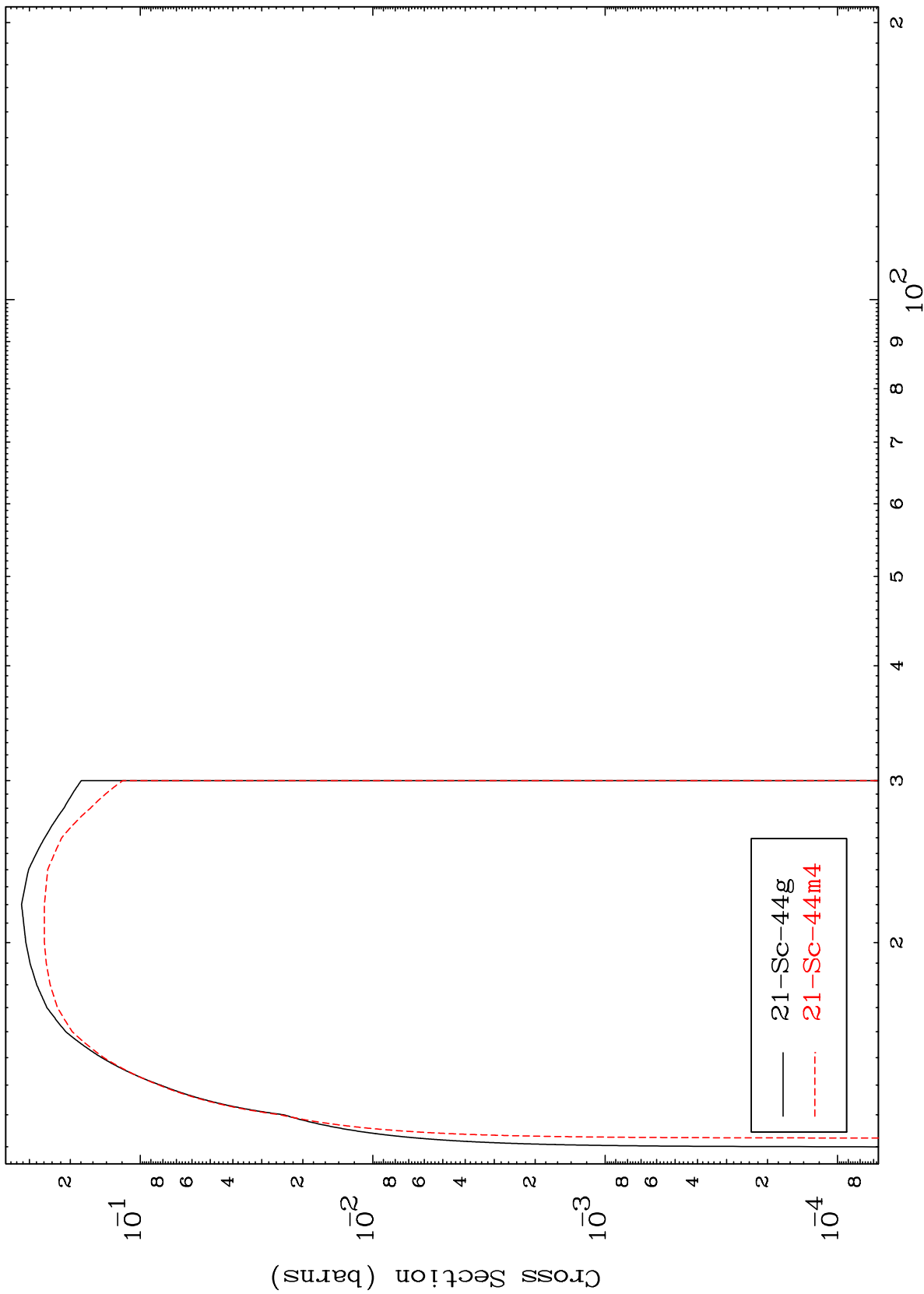
Incident Energy (MeV)

12

MAT 1934

19-K -42

Radionuclide Production Cross Section
(n,2n)



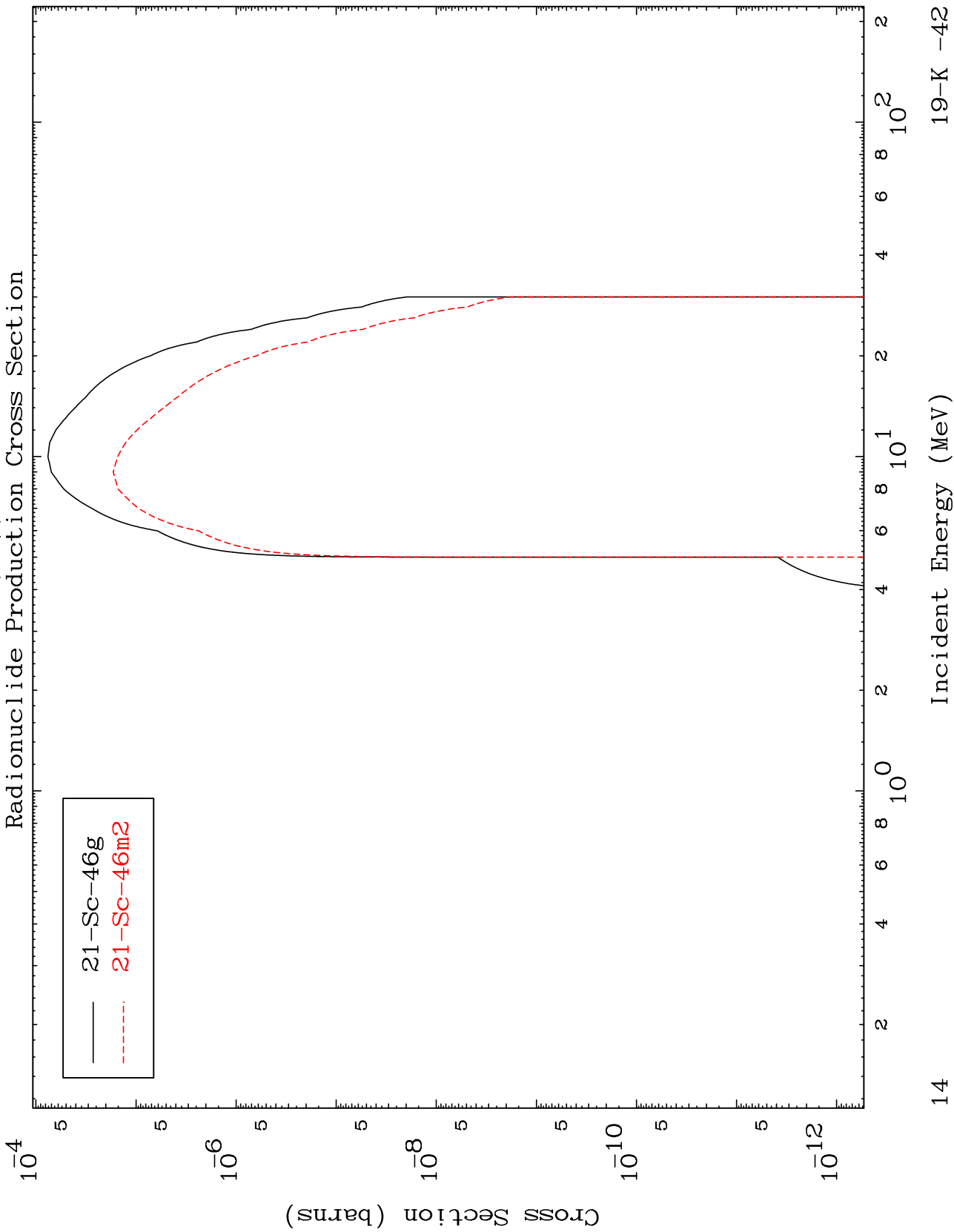
13

Incident Energy (MeV)

19-K -42

MAT 1934

19-K -42

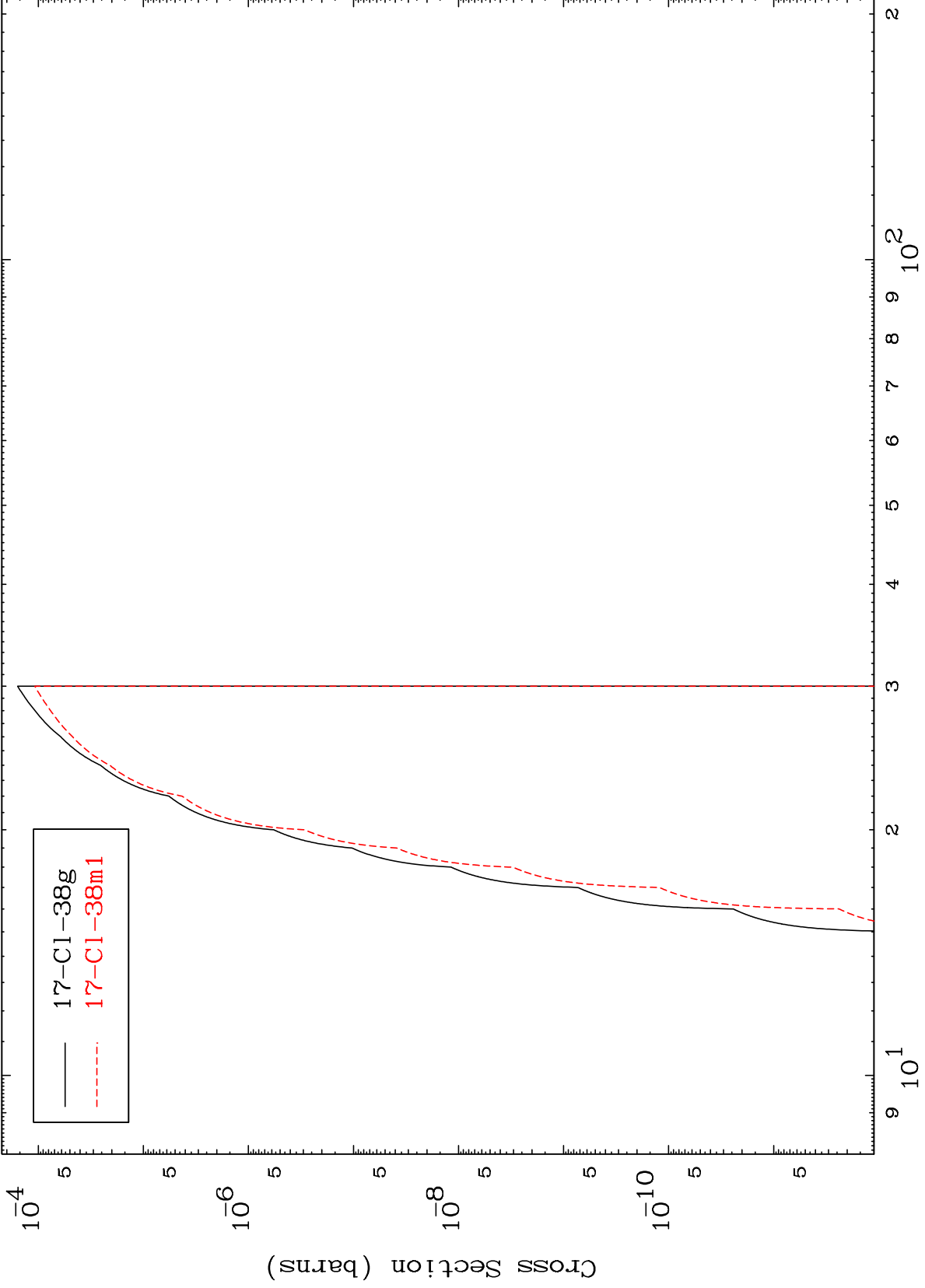


MAT 1934

(n,2α)

19-K -42

Radionuclide Production Cross Section



15

Incident Energy (MeV)

19-K -42