

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

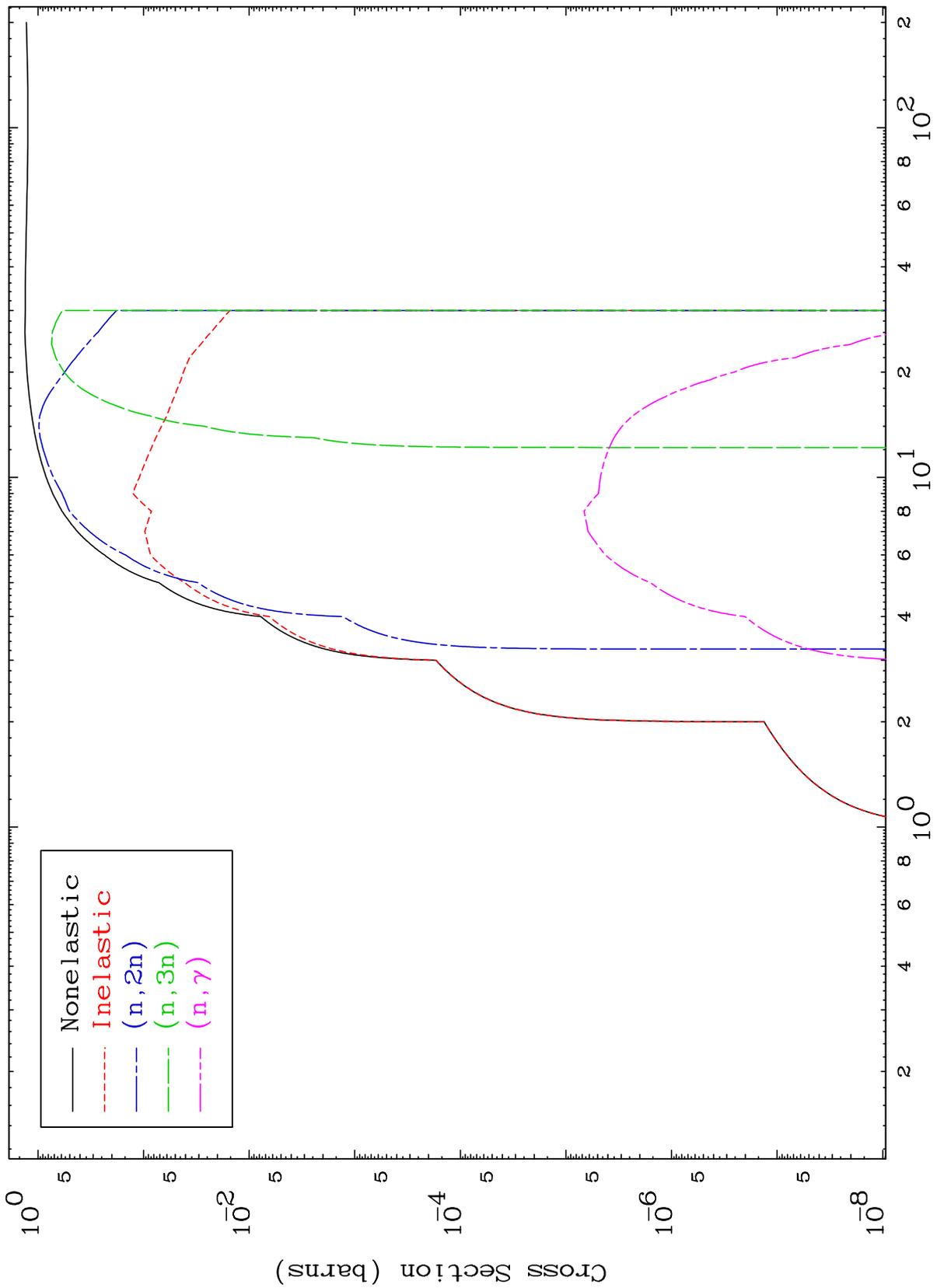
Press Mouse Button to Start

MAT 1543

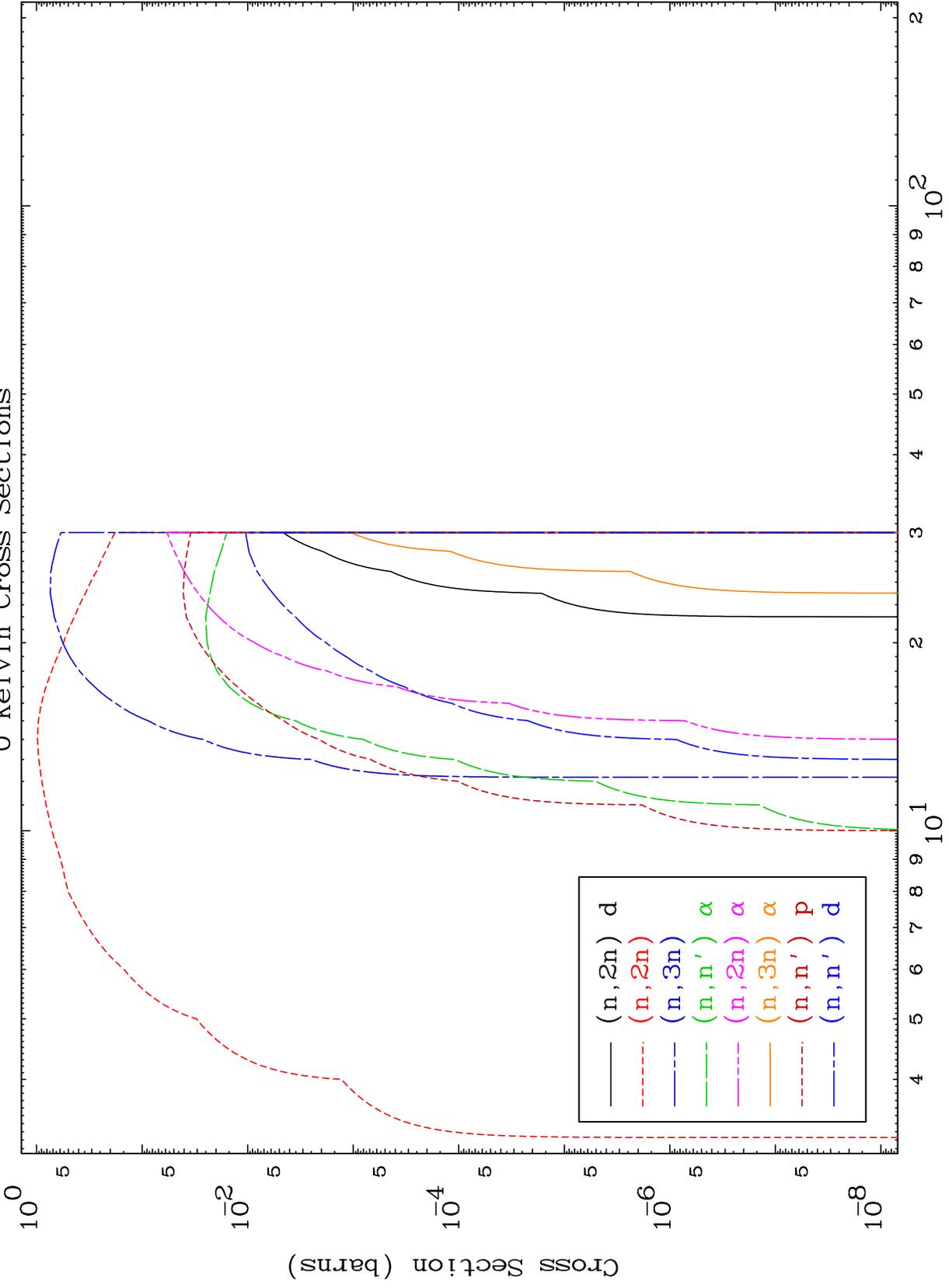
0 Kelvin

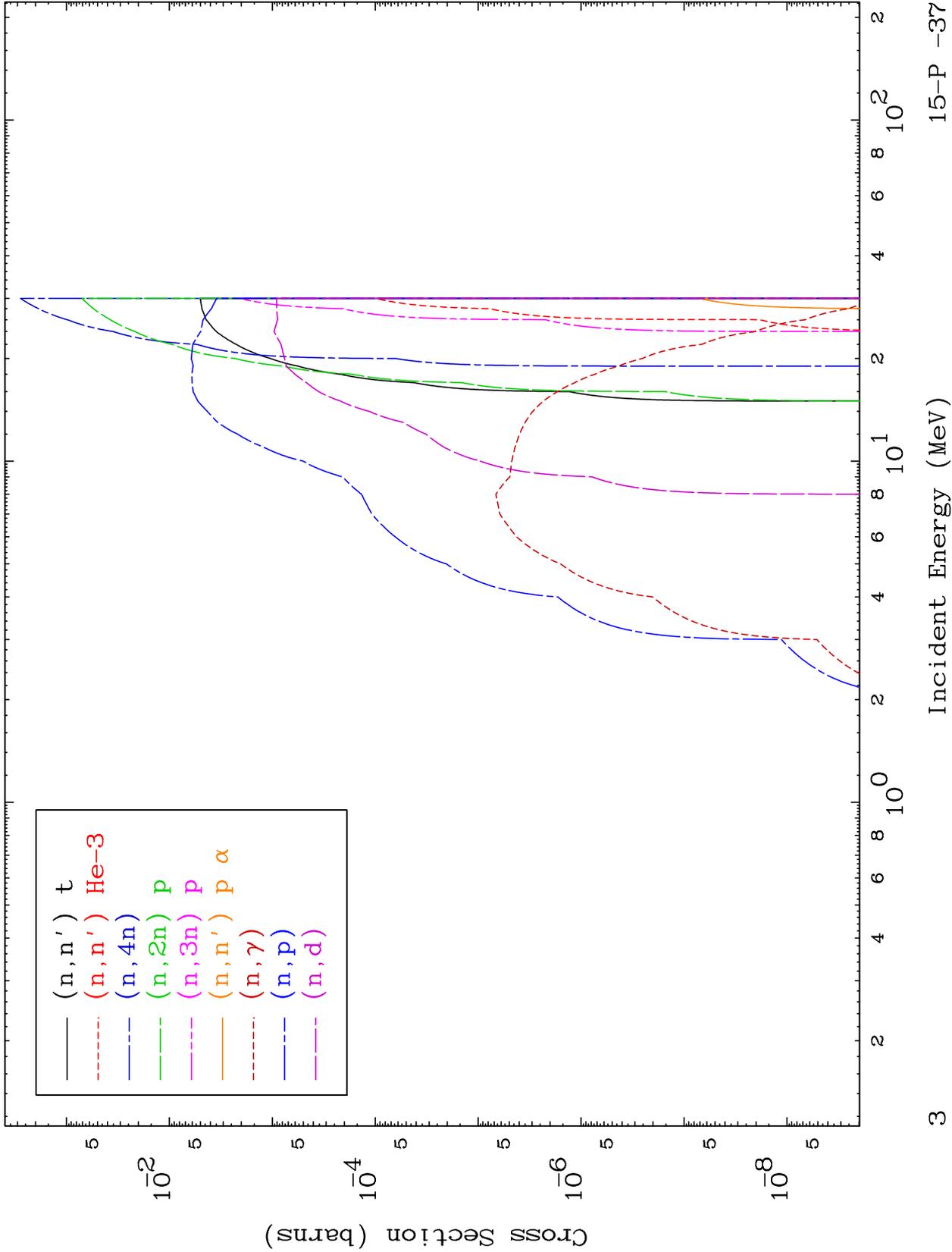
Major

15-P -37



Legend:
— Nonelastic
- - - Inelastic
- - - (n,2n)
- - - (n,3n)
- - - (n, γ)

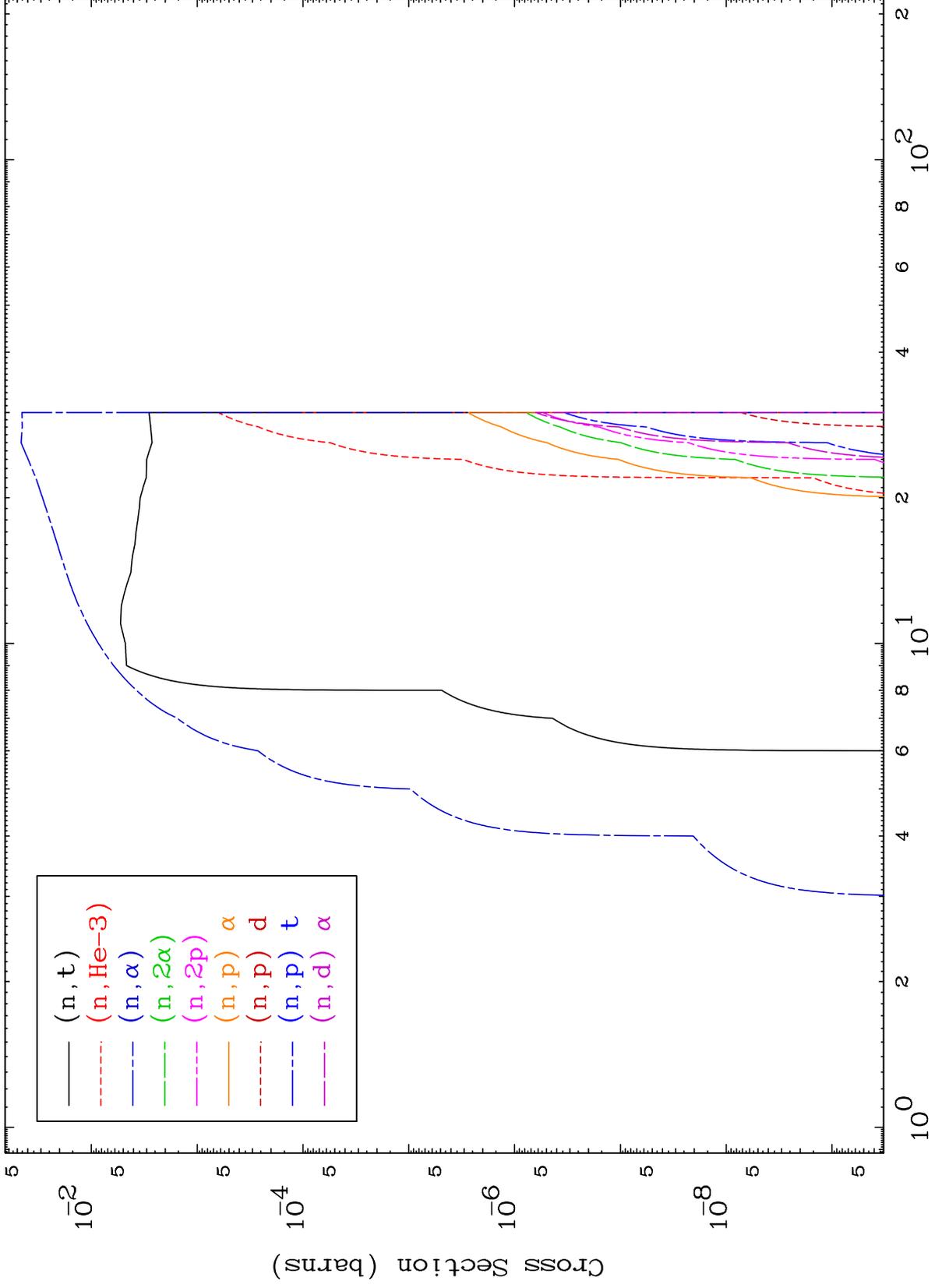




MAT 1543

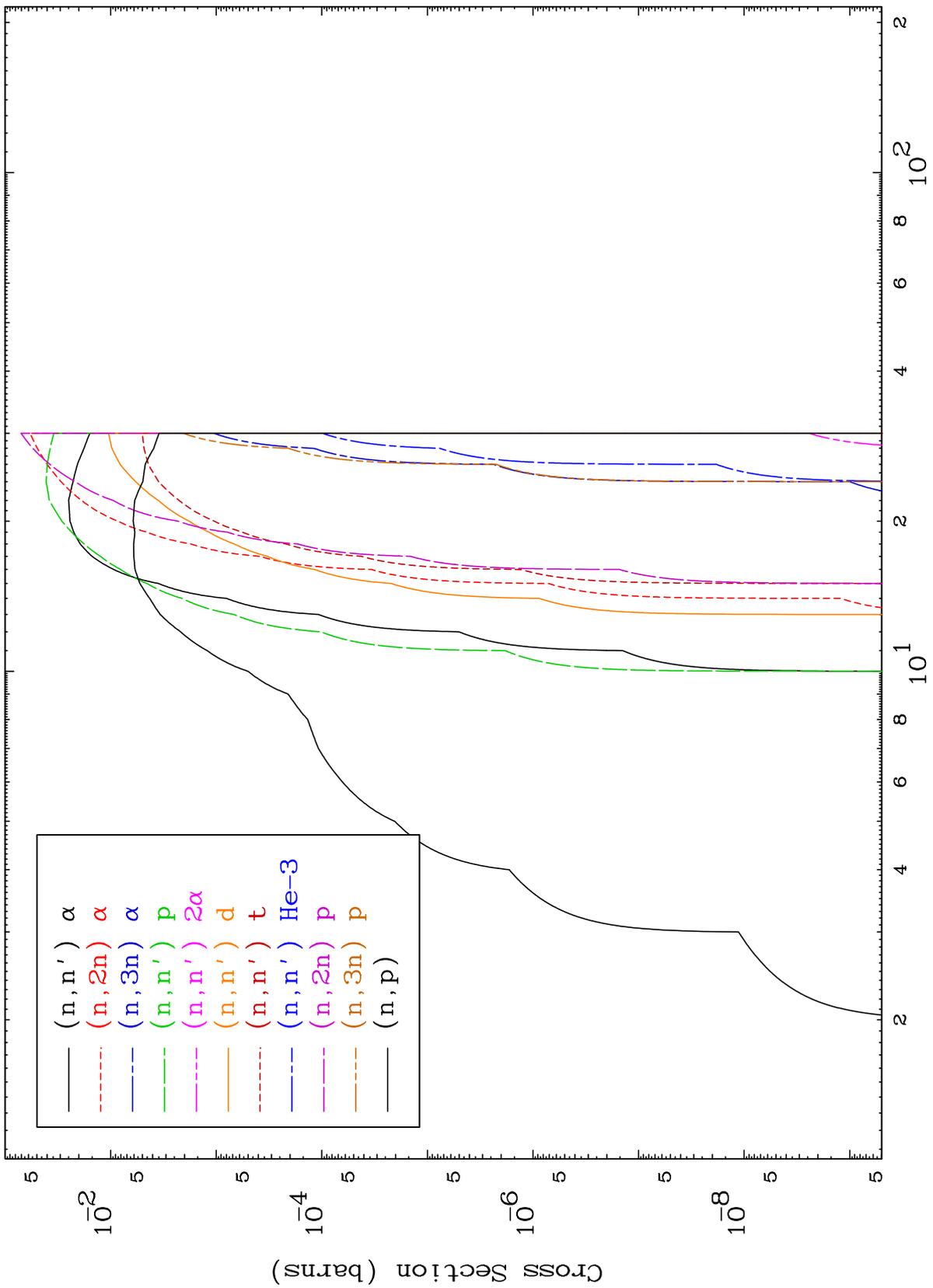
α Neutron Absorption
0 Kelvin Cross Sections

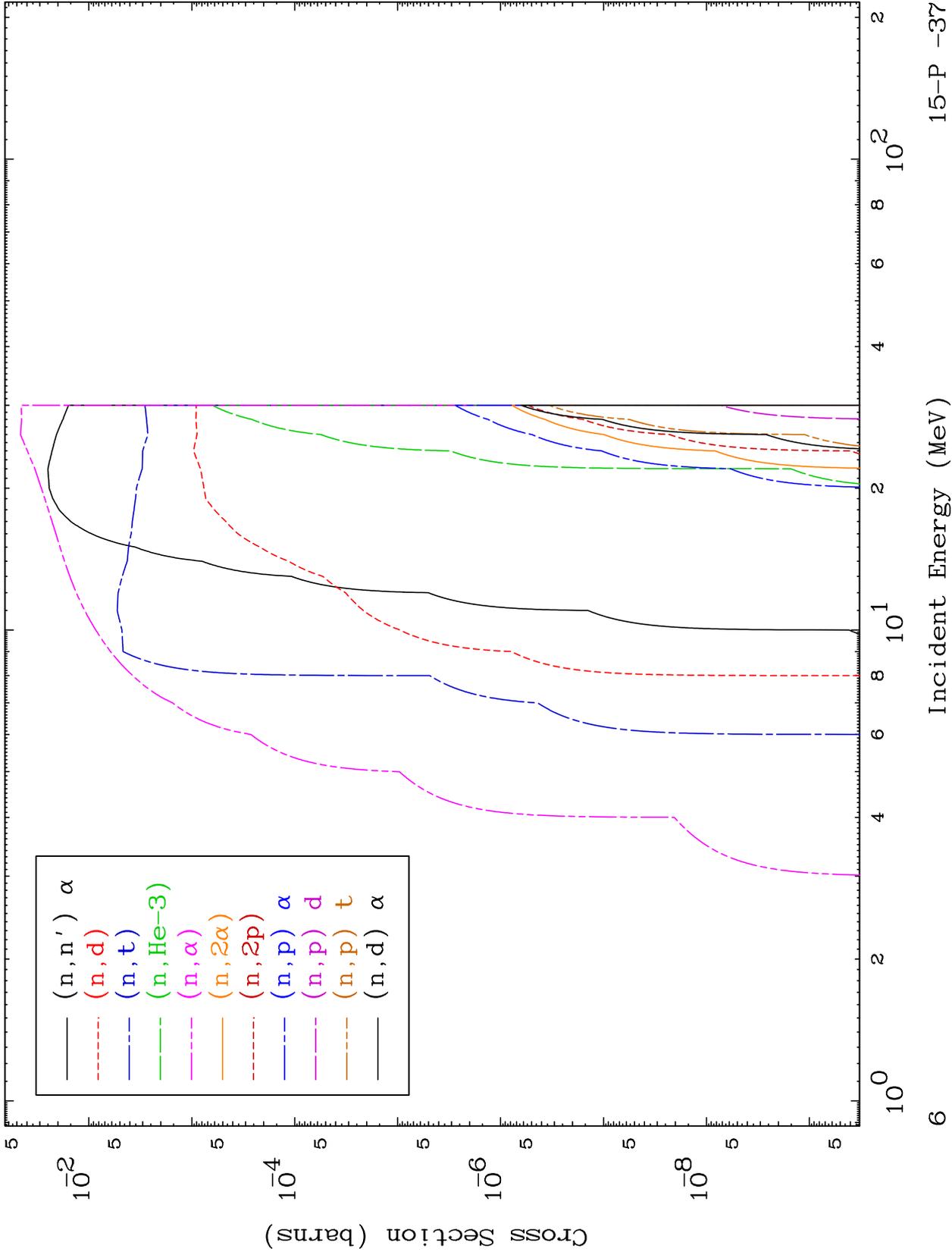
15-P -37



Incident Energy (MeV)

15-P -37



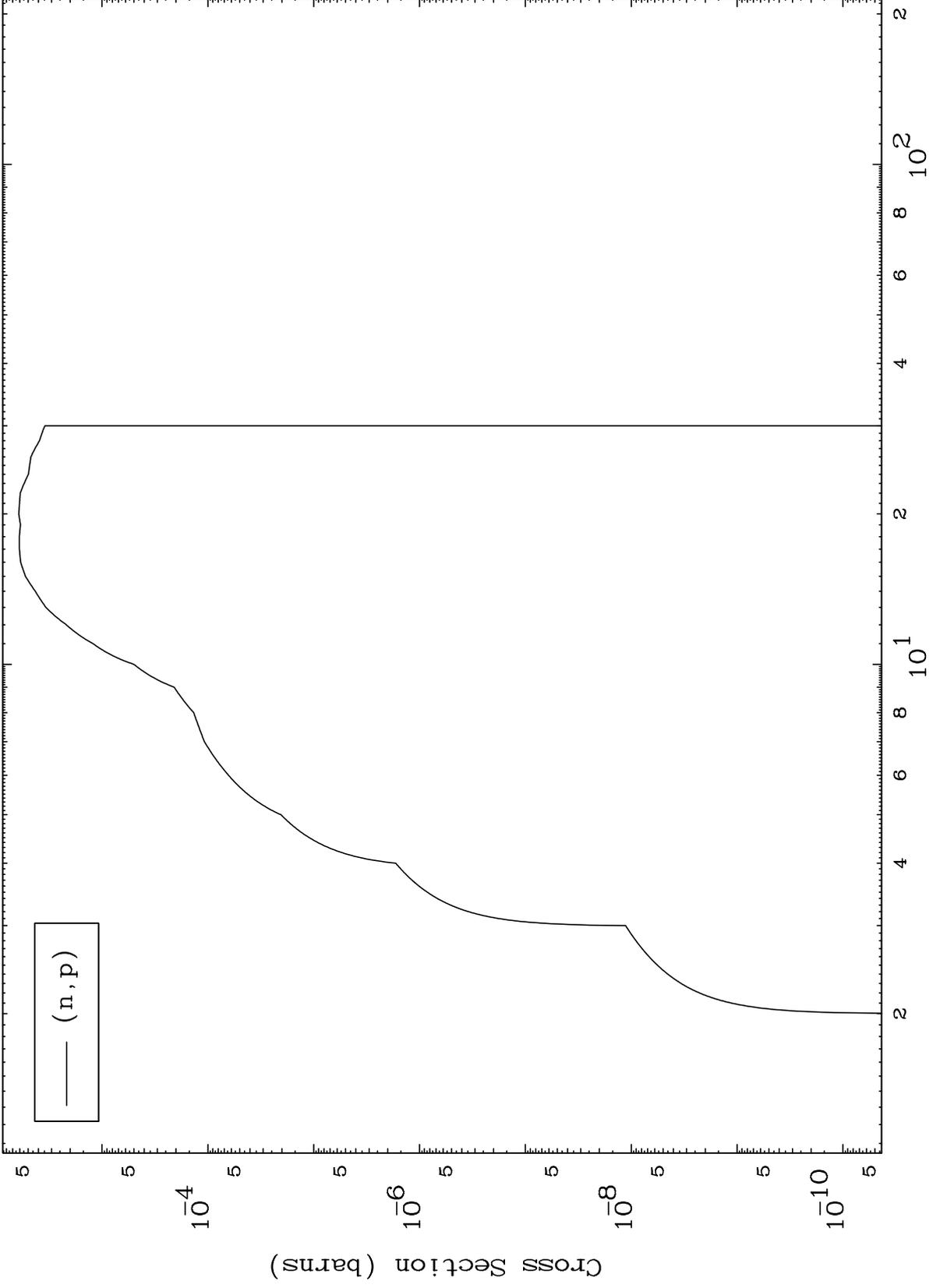


MAT 1543

(α, p) Levels

15-P -37

0 Kelvin Cross Sections



7

Incident Energy (MeV)

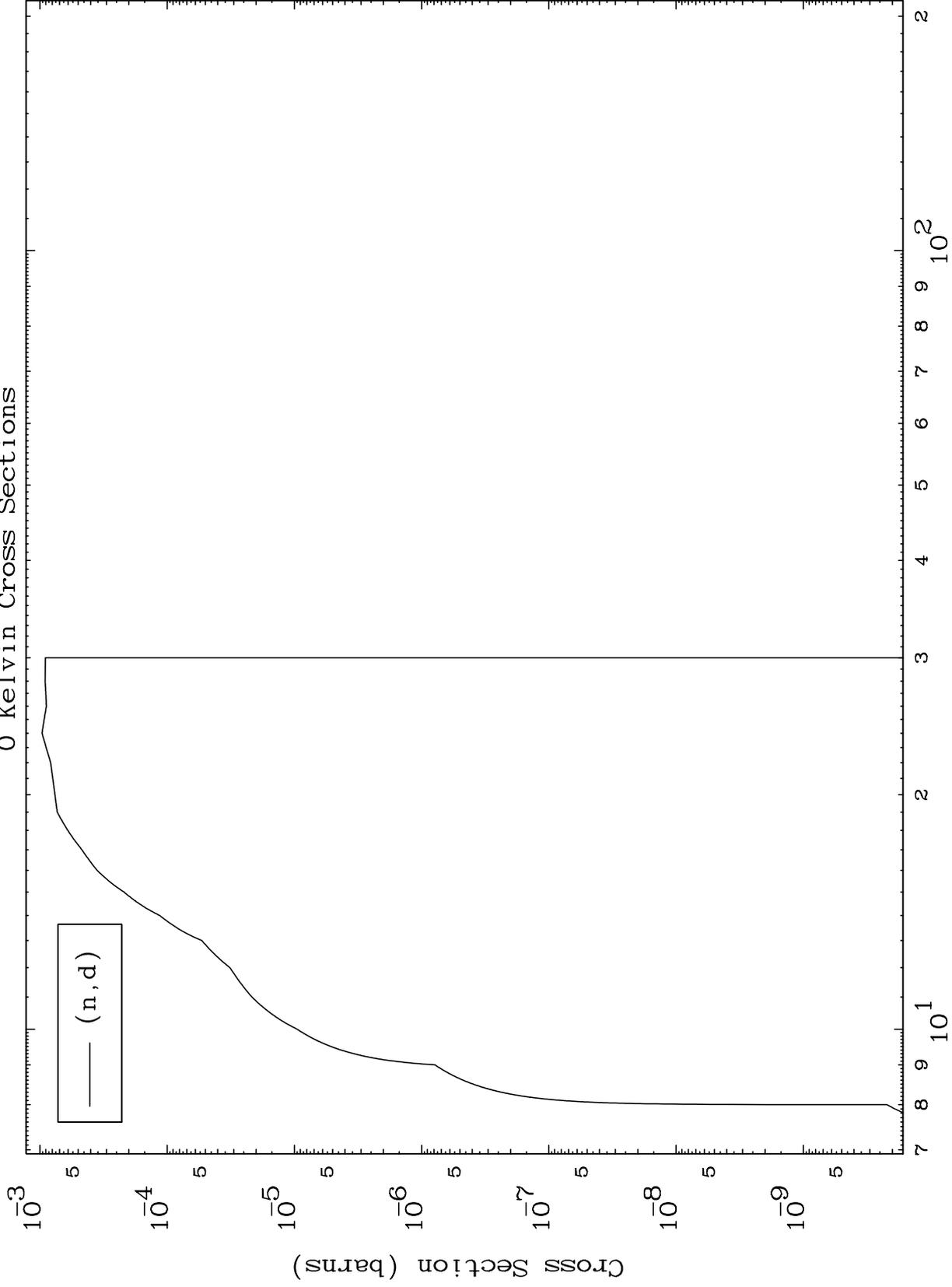
15-P -37

MAT 1543

(α, d) Levels

15-P -37

0 Kelvin Cross Sections



8

Incident Energy (MeV)

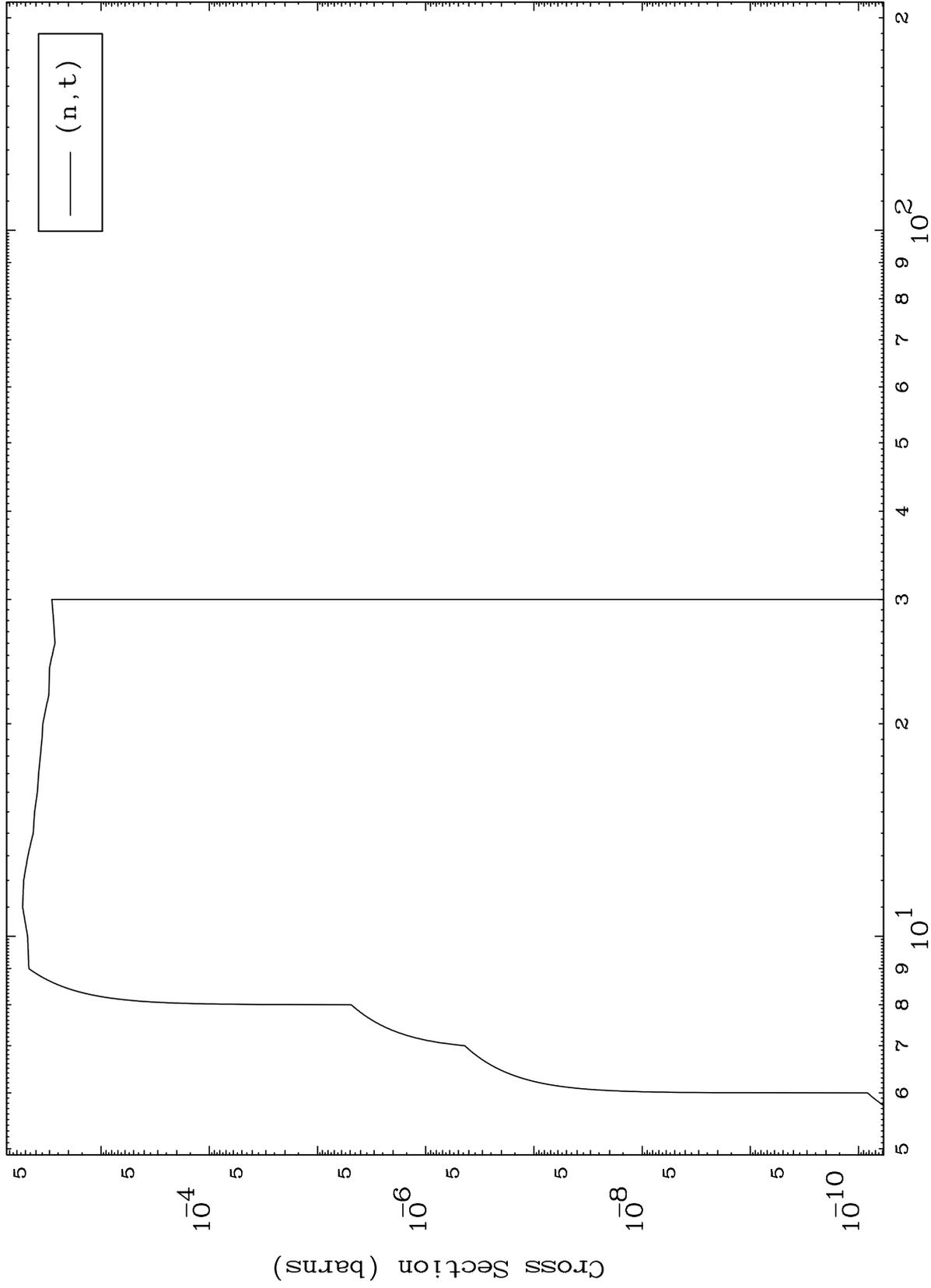
15-P -37

MAT 1543

(α, t) Levels

15-P -37

0 Kelvin Cross Sections



9

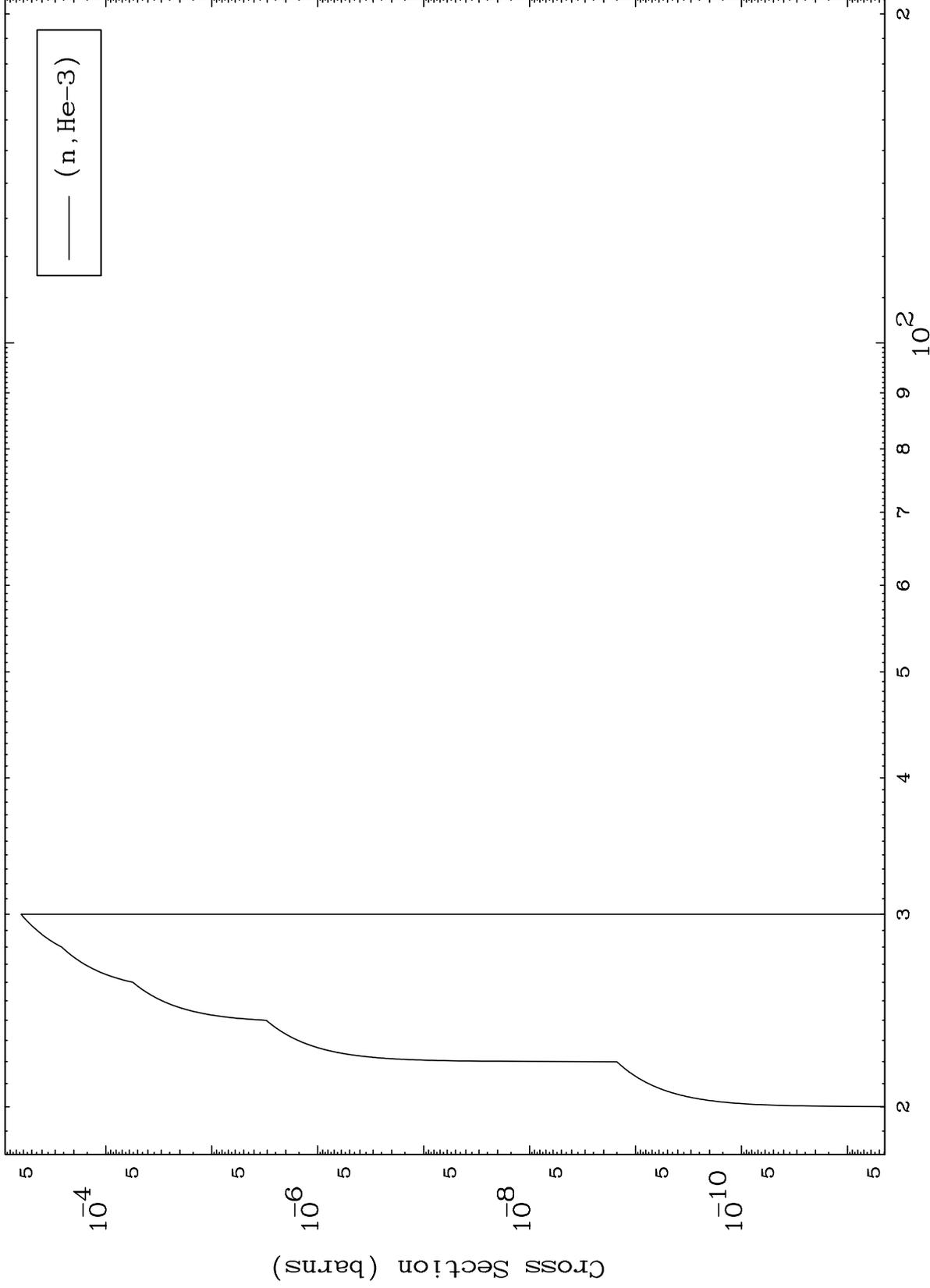
Incident Energy (MeV)

15-P -37

MAT 1543

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

15-P -37



10

Incident Energy (MeV)

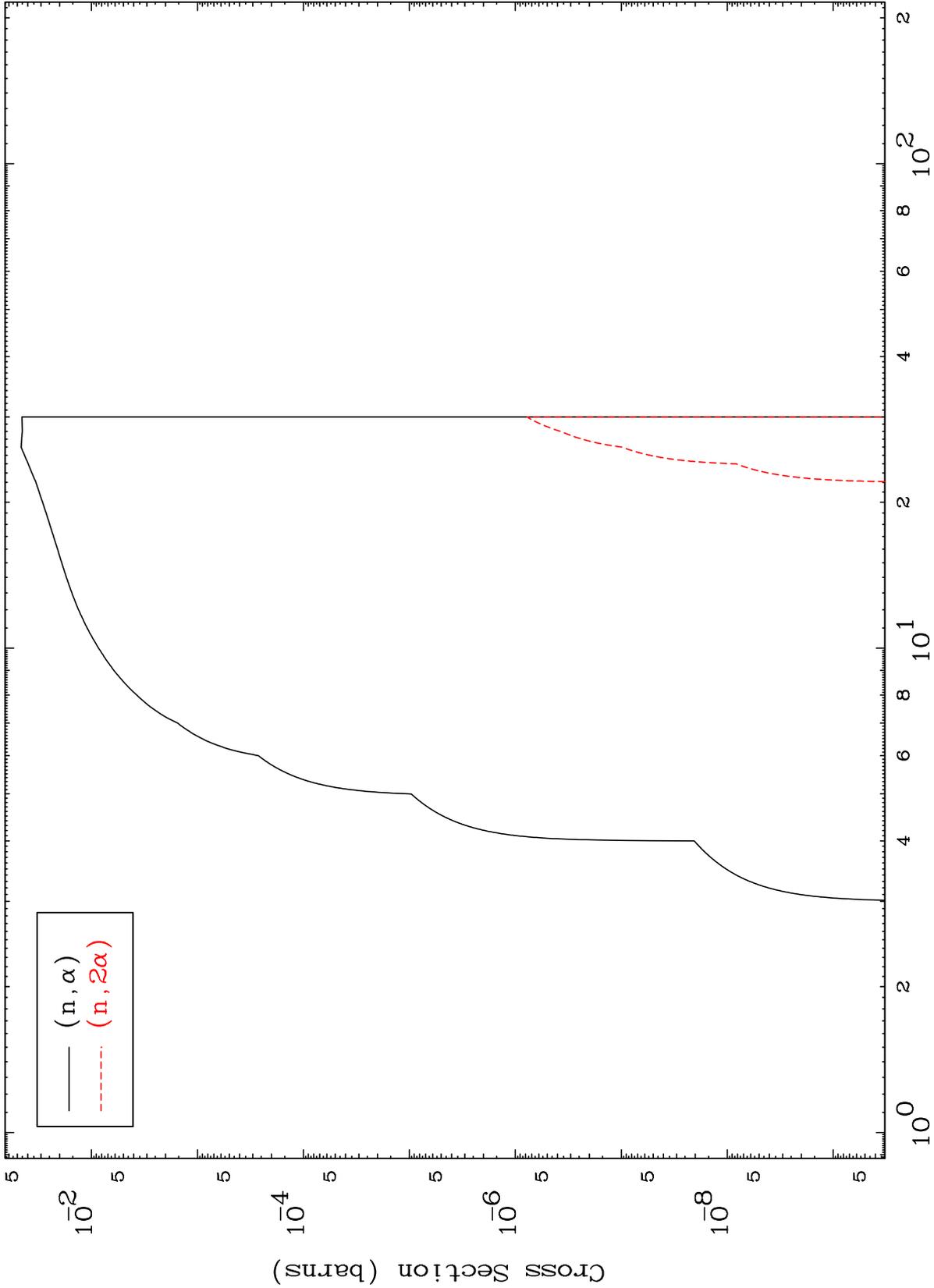
15-P -37

MAT 1543

(α, α) Levels

15-P -37

0 Kelvin Cross Sections



(n, α)
(n, 2α)

Radionuclide Production Cross Section

