

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

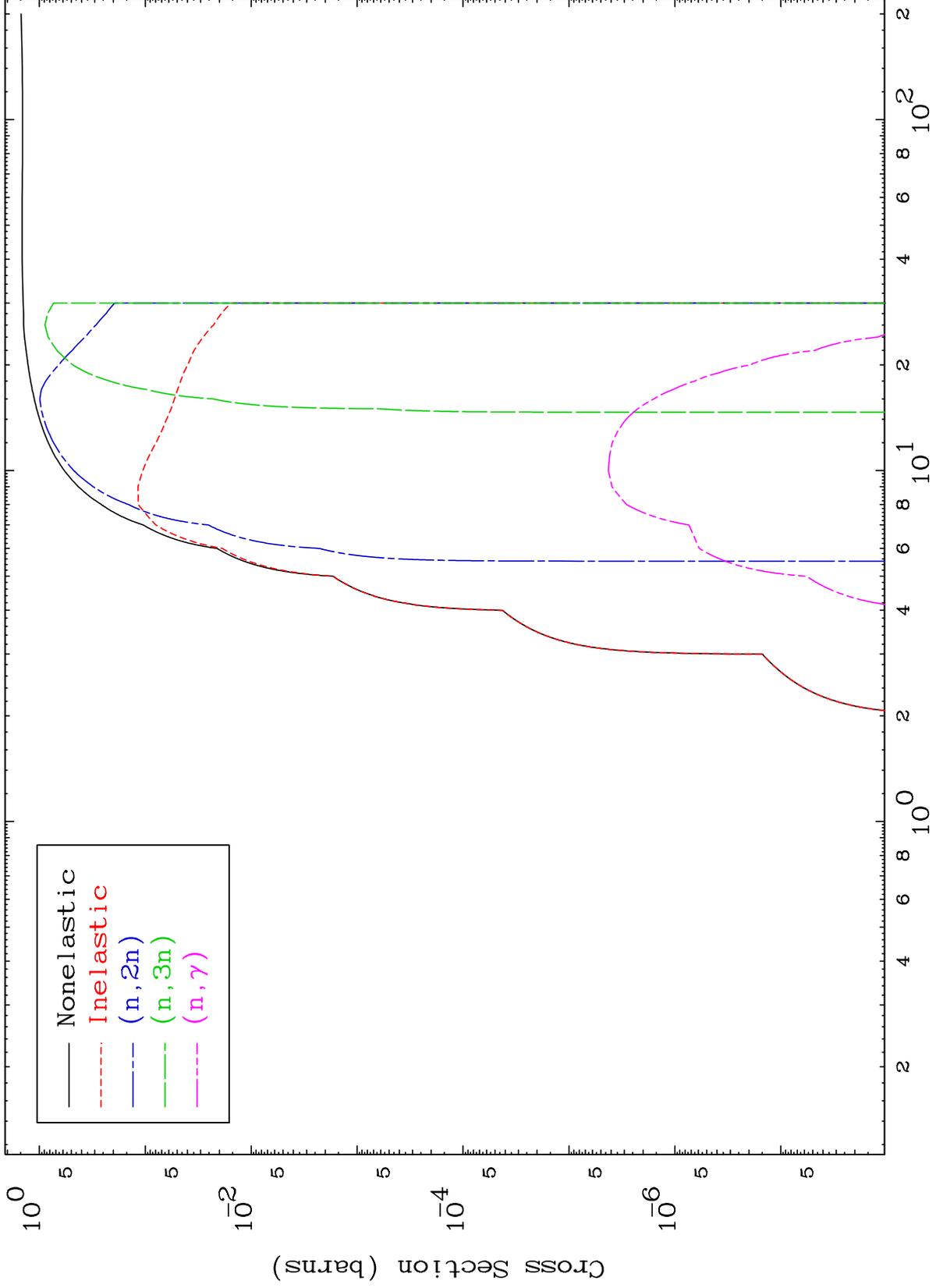
Press Mouse Button to Start

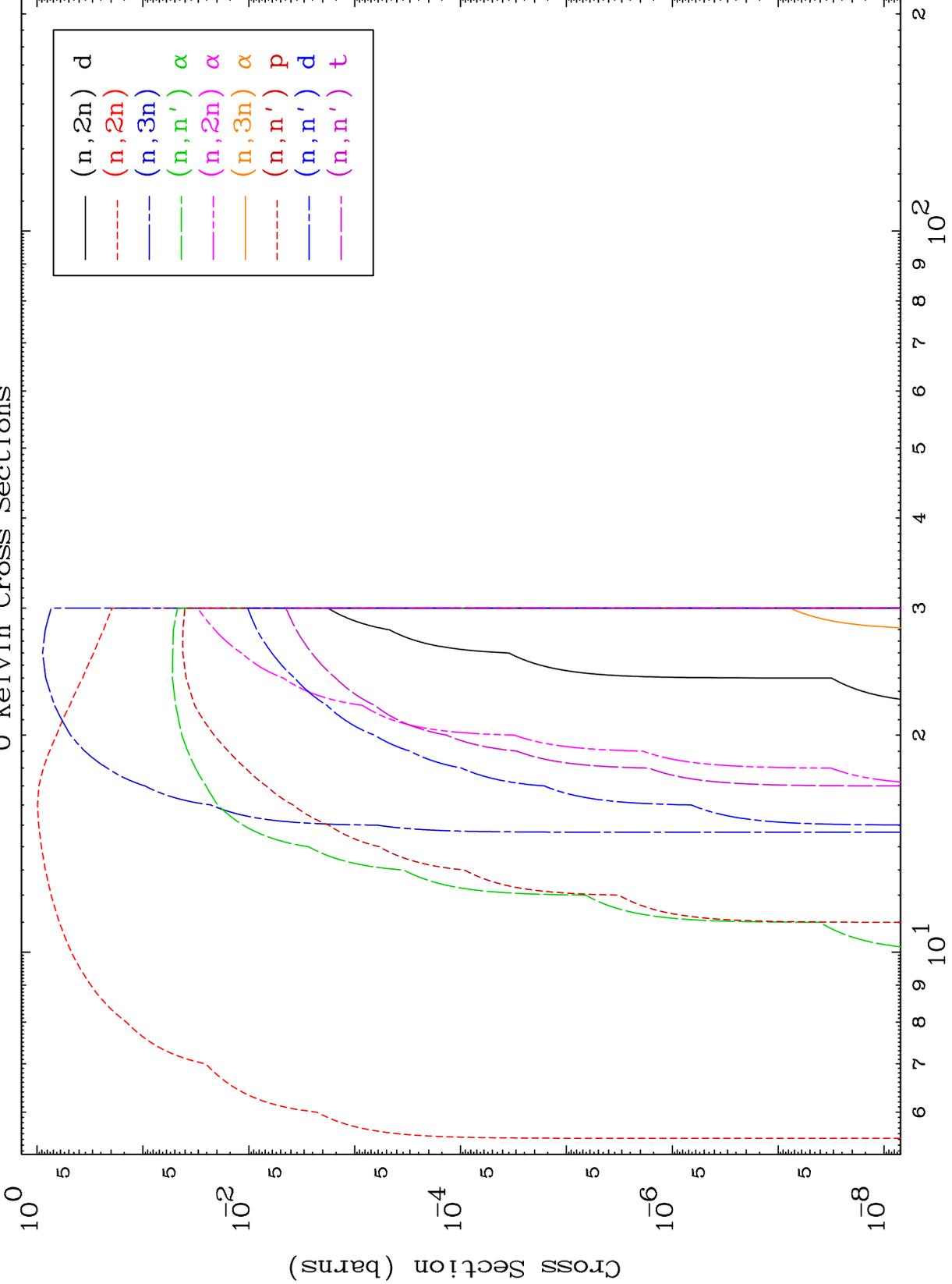
MAT 2143

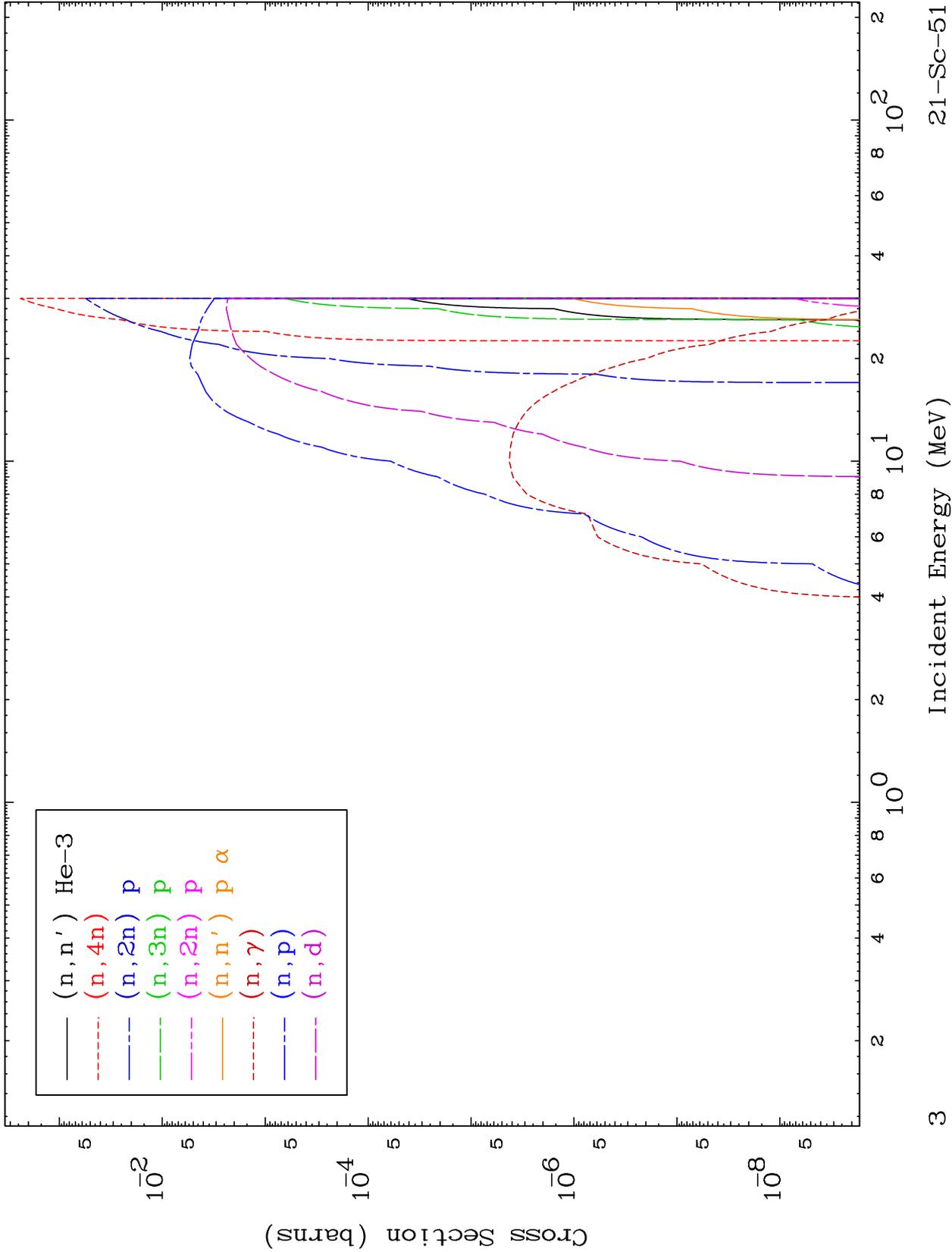
0 Kelvin

α Major Cross Sections

21-Sc-51



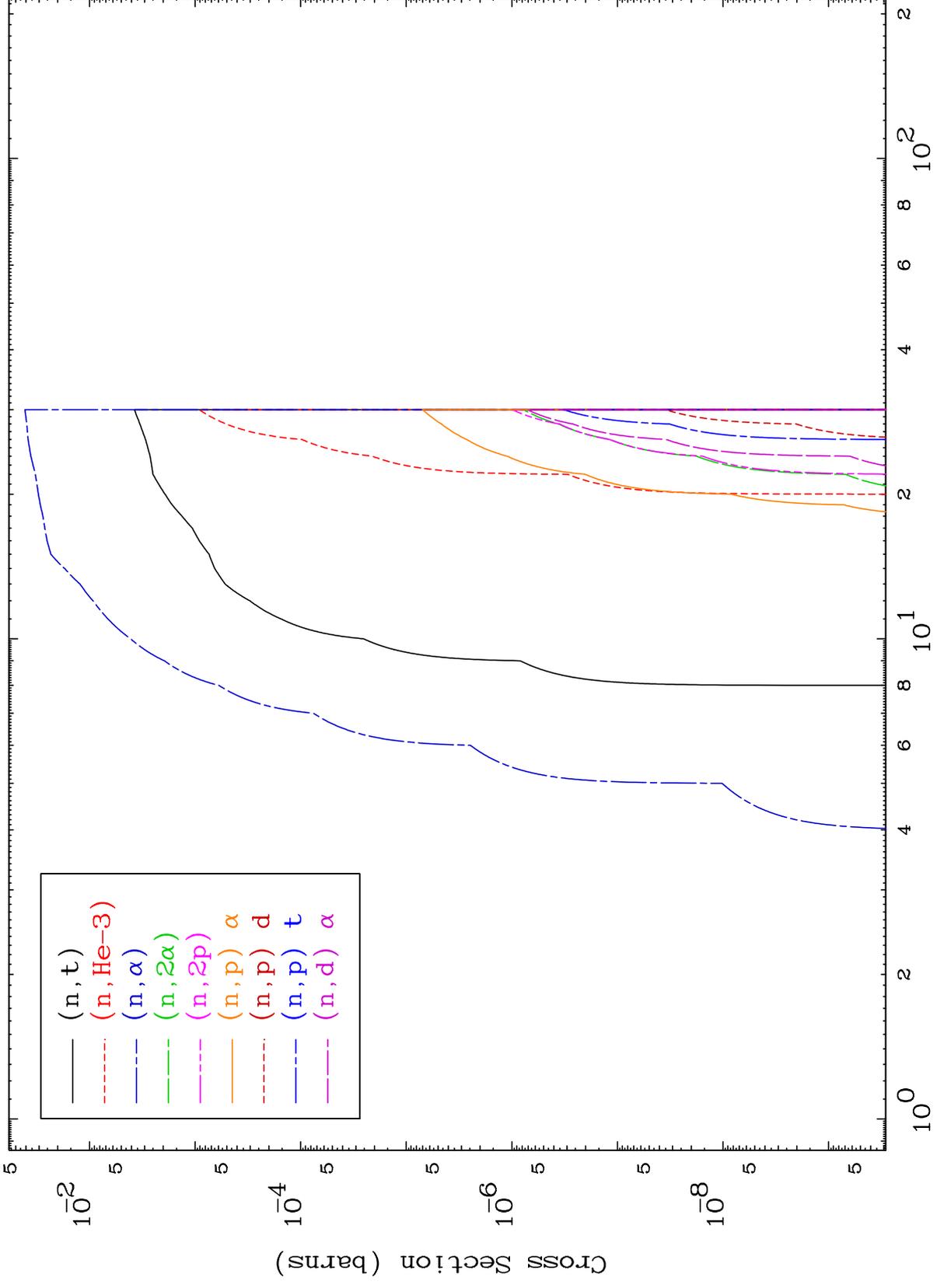




MAT 2143

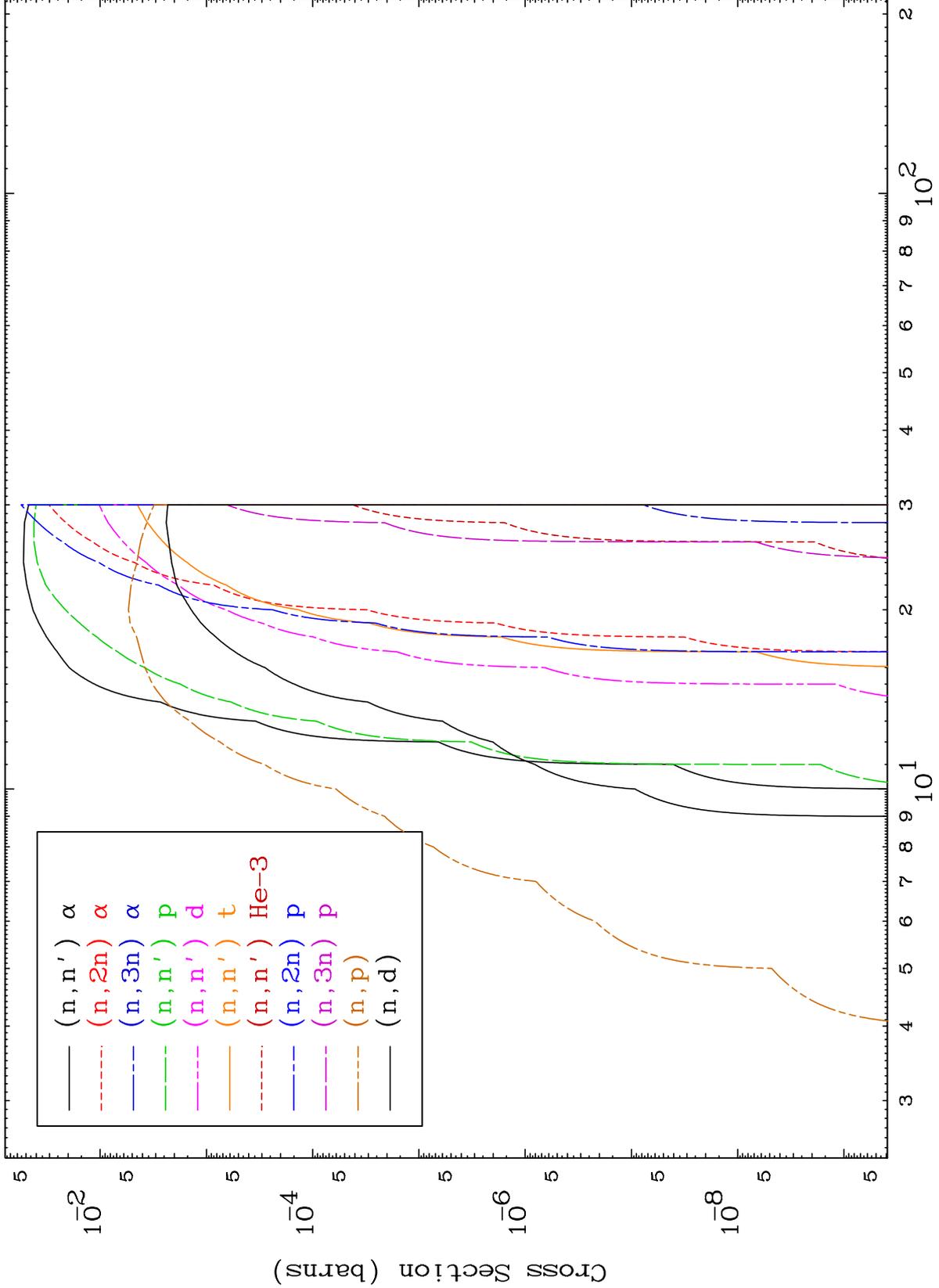
α Neutron Absorption
0 Kelvin Cross Sections

21-Sc-51



Incident Energy (MeV)

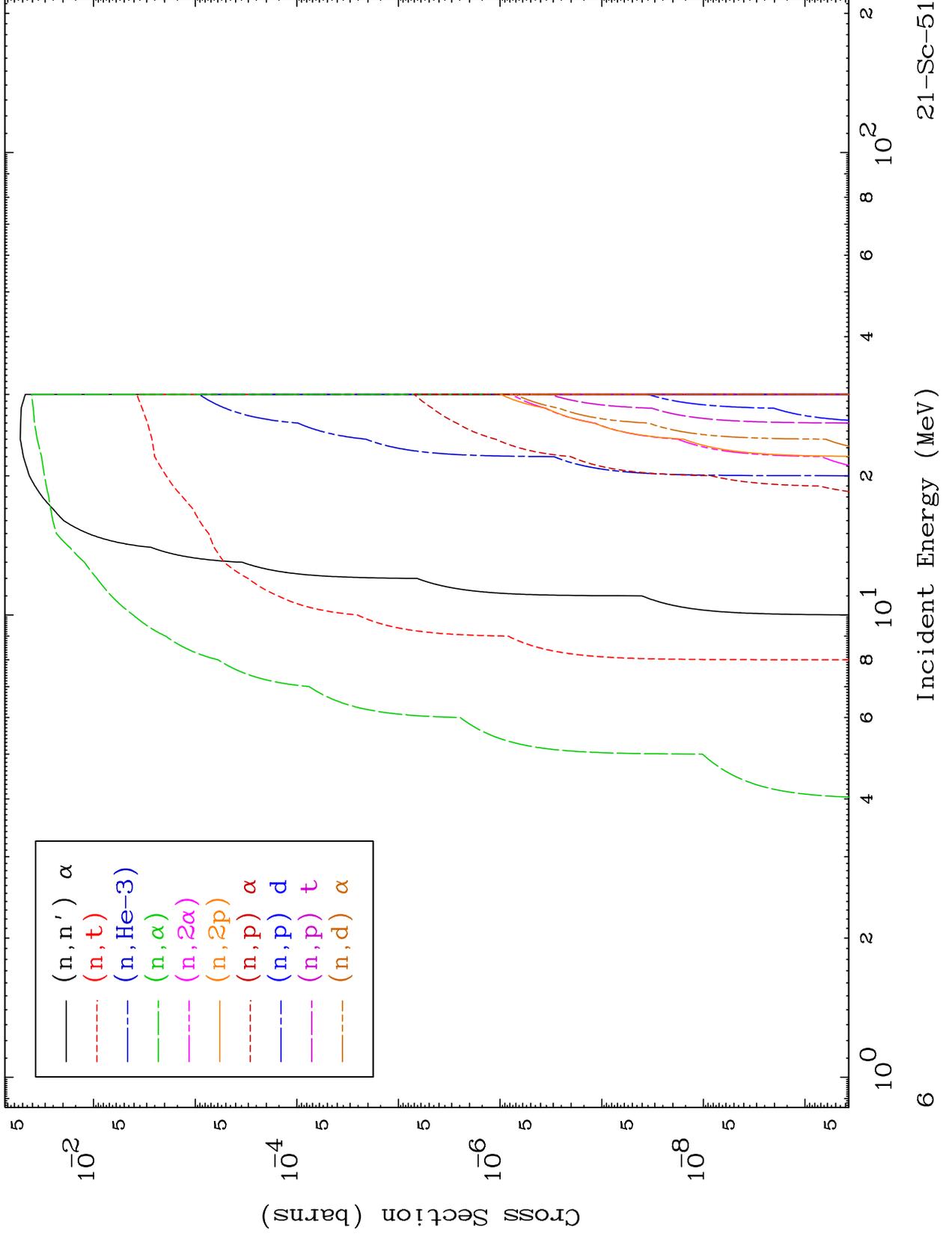
21-Sc-51



MAT 2143

α Charged Particle
0 Kelvin Cross Sections

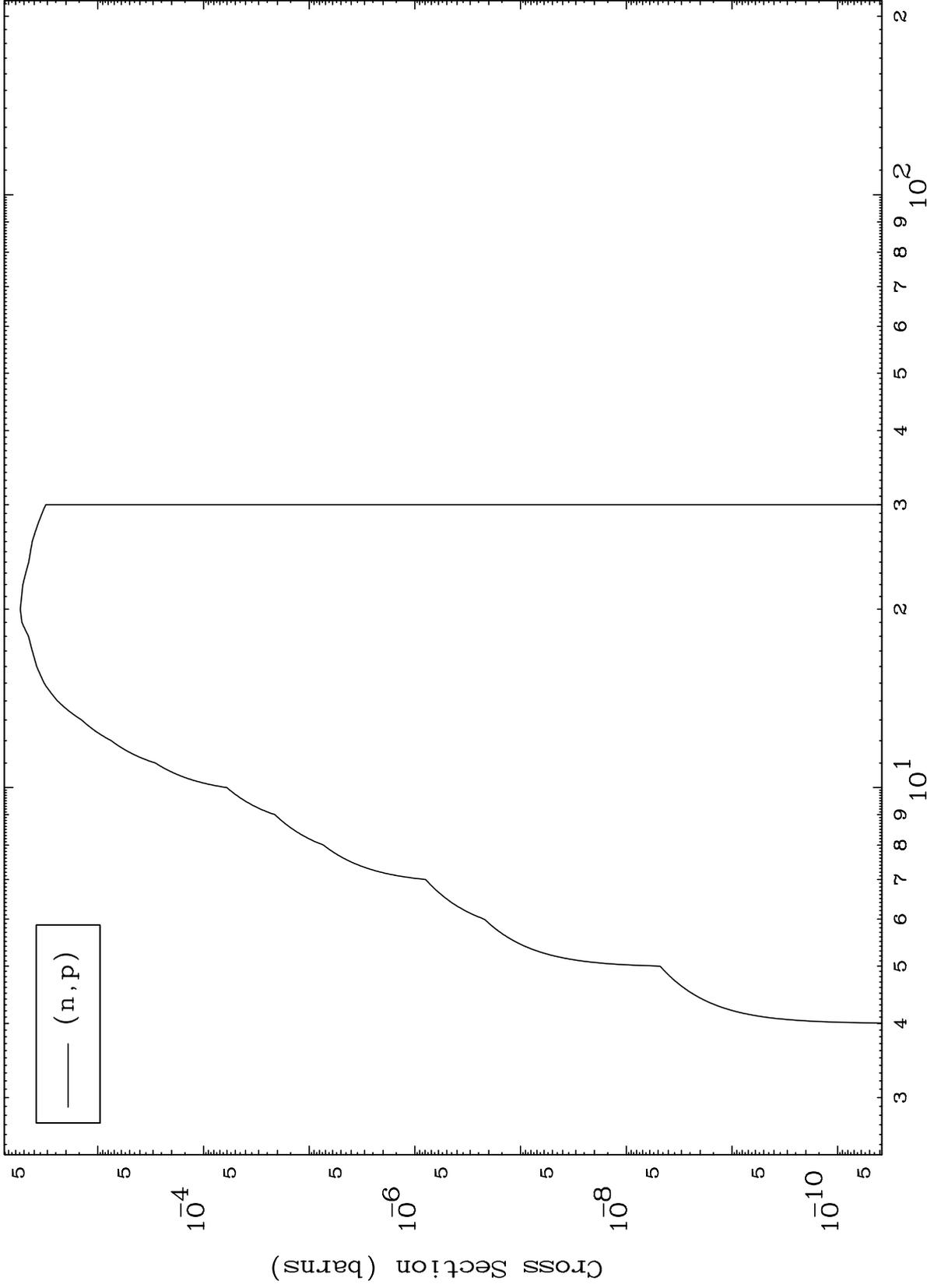
21-Sc-51



MAT 2143

21-Sc-51

(α, p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

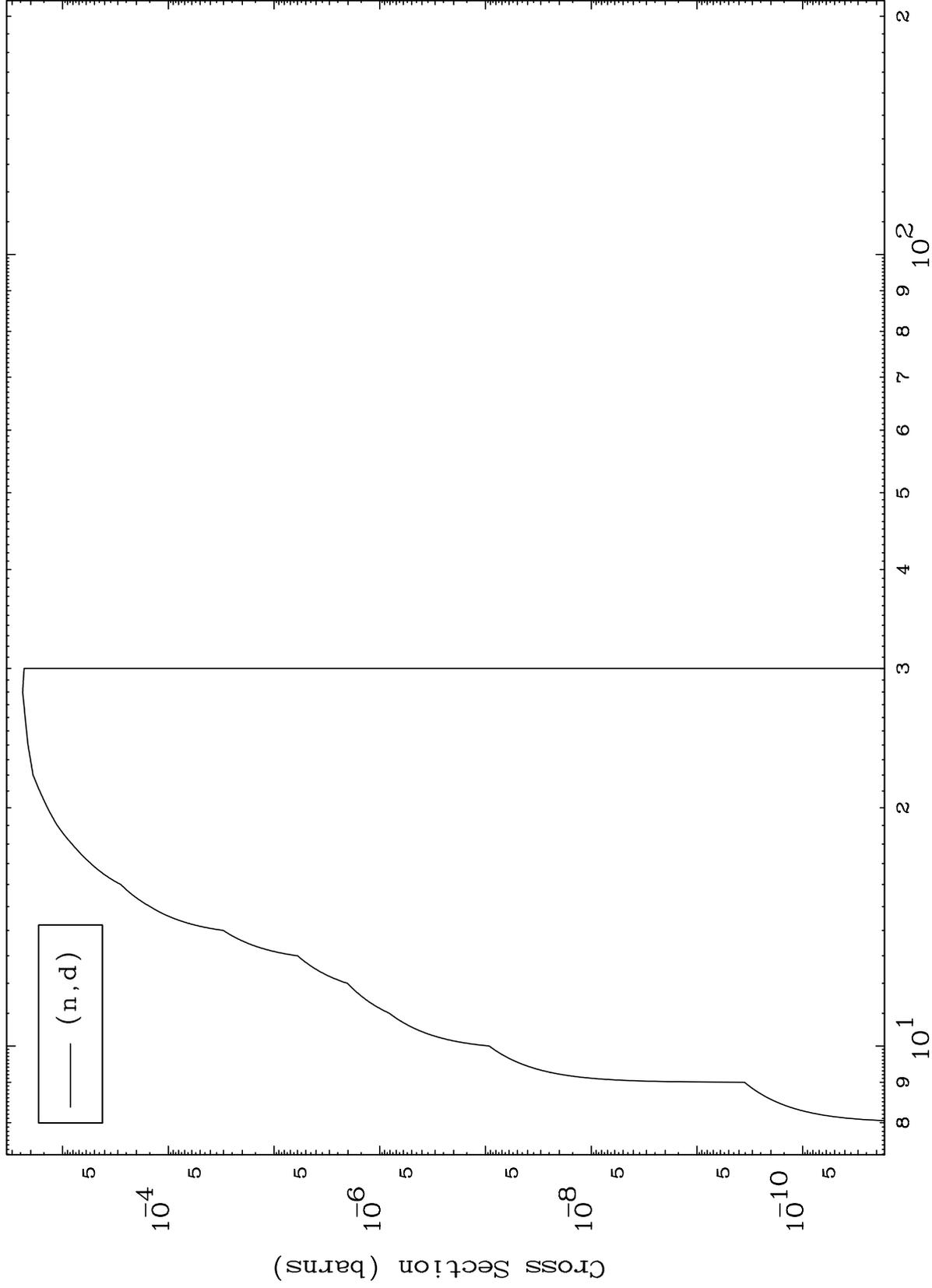
21-Sc-51

MAT 2143

(α, d) Levels

21-Sc-51

0 Kelvin Cross Sections



8

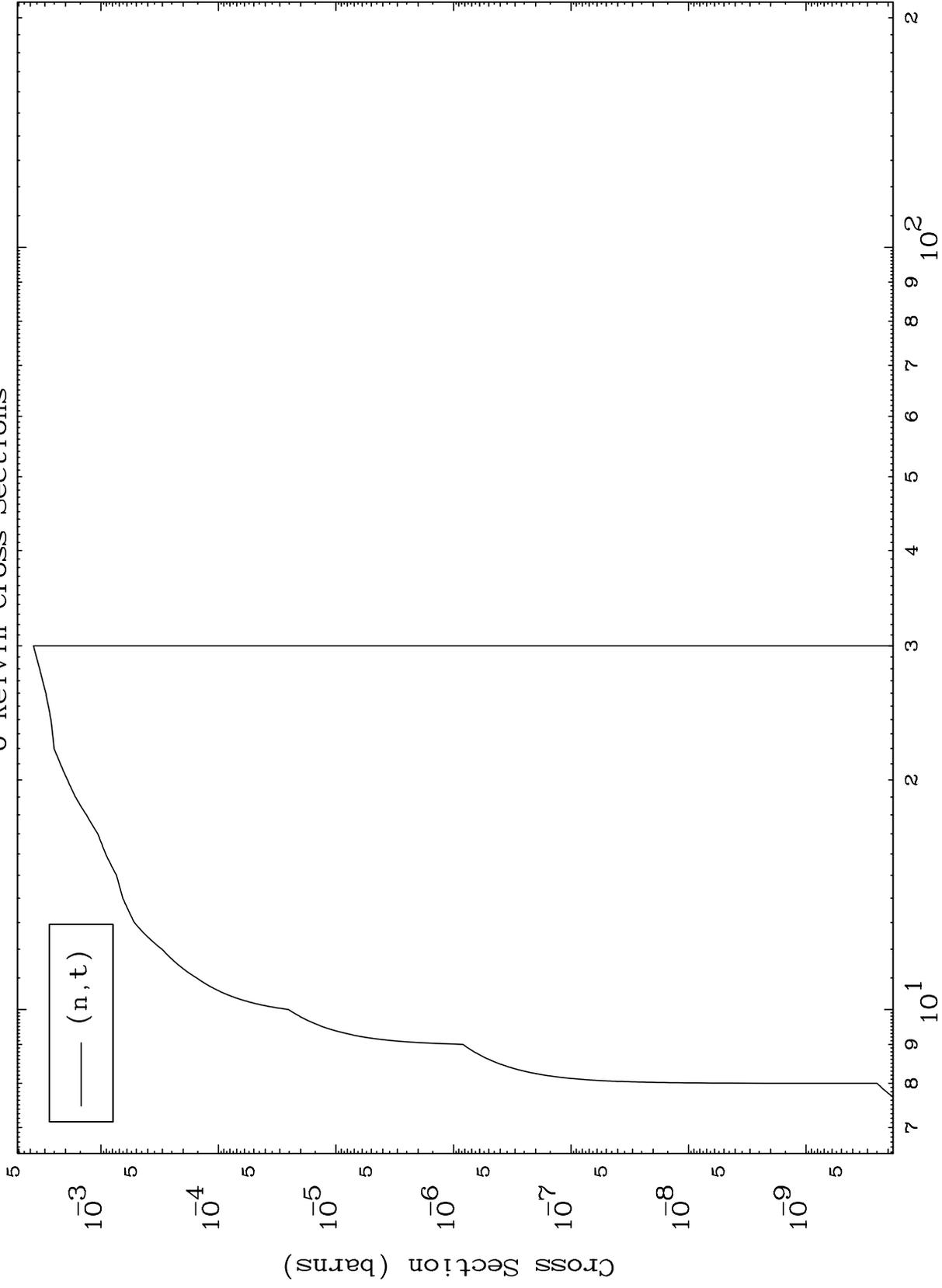
Incident Energy (MeV)

21-Sc-51

MAT 2143

(α, t) Levels
0 Kelvin Cross Sections

21-Sc-51



9

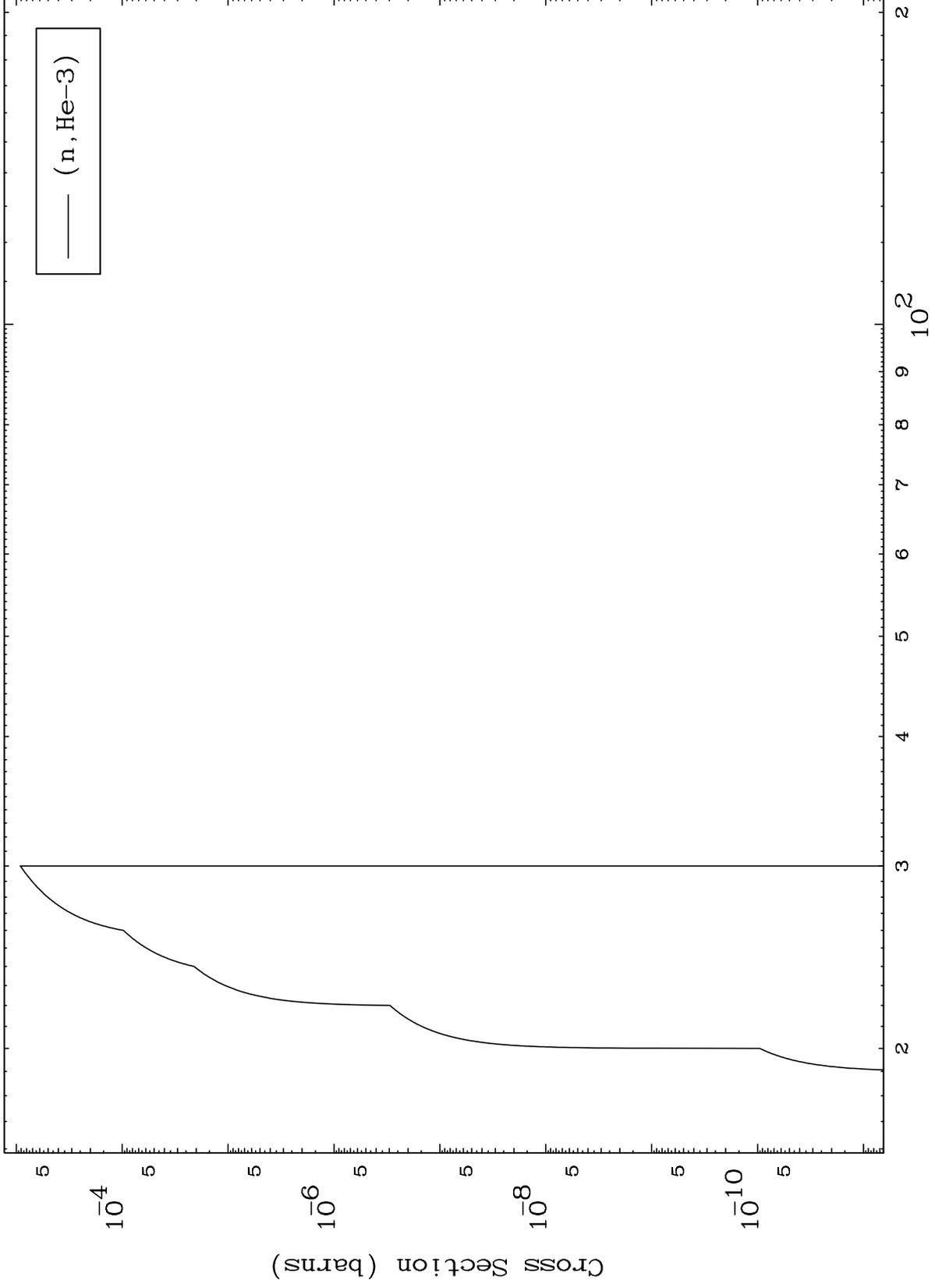
Incident Energy (MeV)

21-Sc-51

MAT 2143

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

21-Sc-51



10

Incident Energy (MeV)

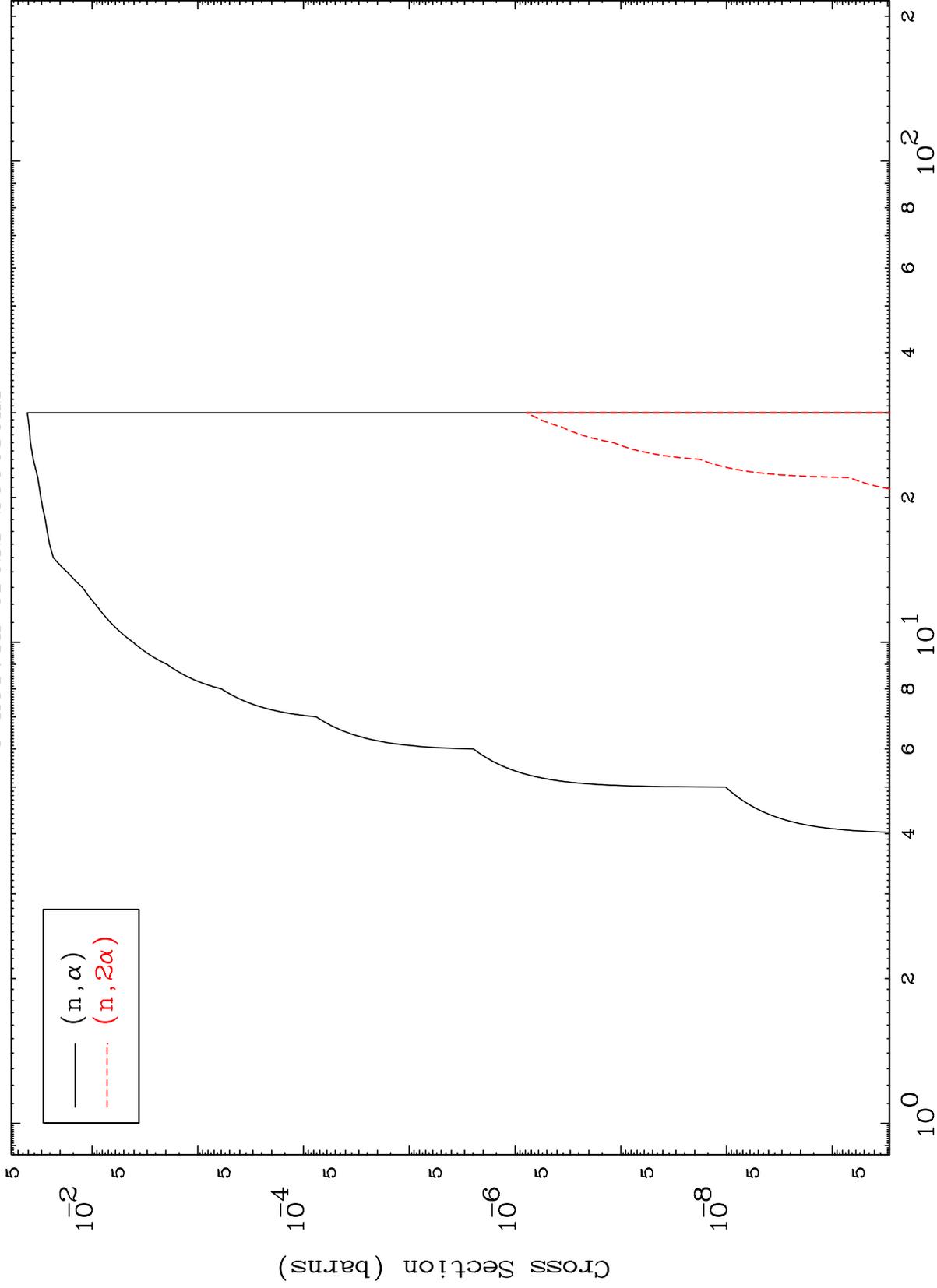
21-Sc-51

MAT 2143

(α, α) Levels

21-Sc-51

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

Incident Energy (MeV)

21-Sc-51

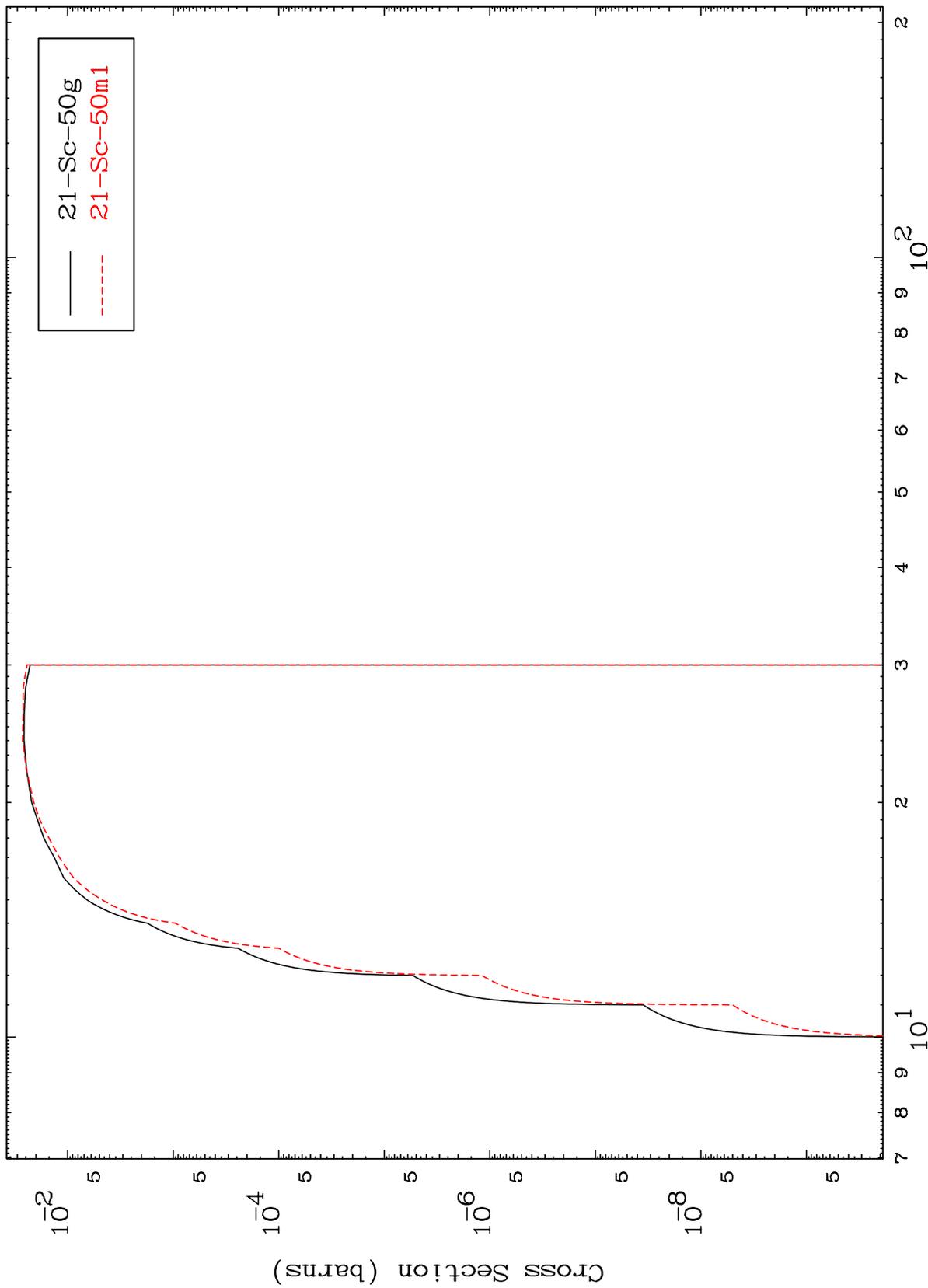
11

MAT 2143

21-Sc-51

(n,n') α

Radionuclide Production Cross Section



21-Sc-51

Incident Energy (MeV)

12