

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

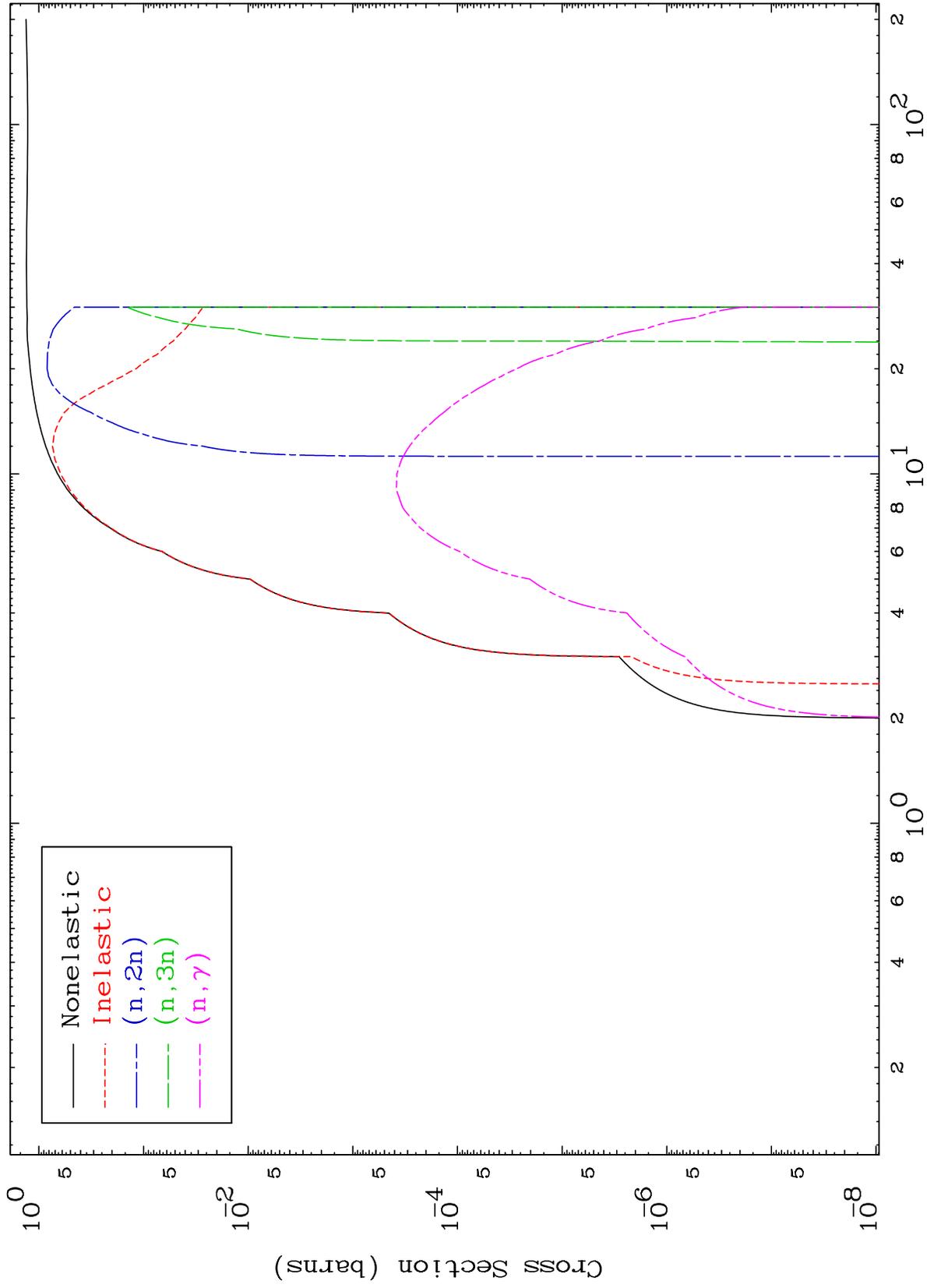
Press Mouse Button to Start

MAT 1837

α Major

18-Ar-40

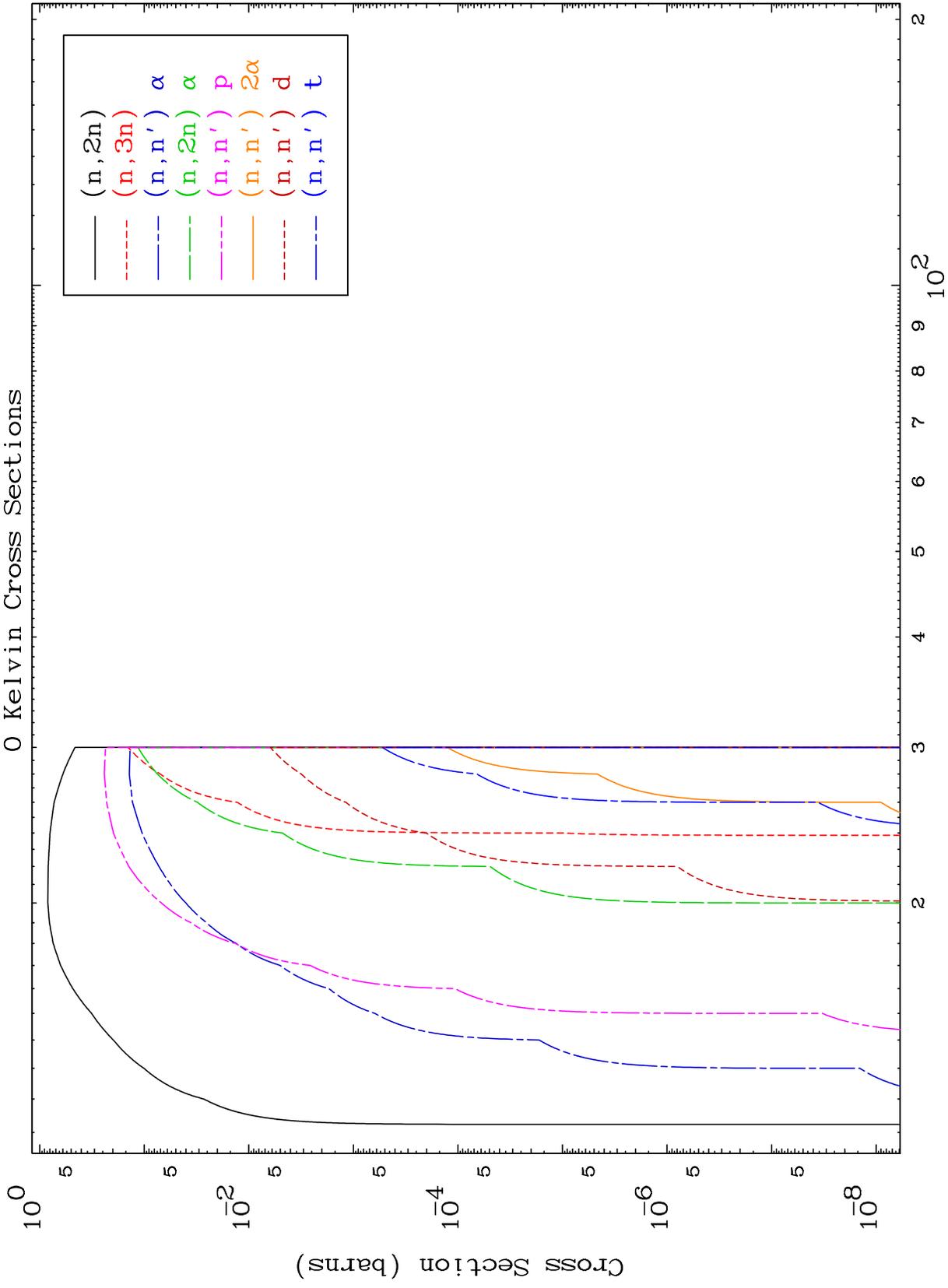
0 Kelvin Cross Sections



MAT 1837

α Neutron Absorption
0 Kelvin Cross Sections

18-Ar-40



2

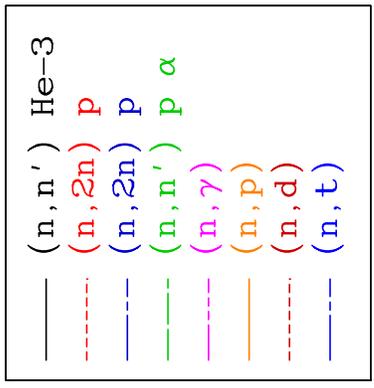
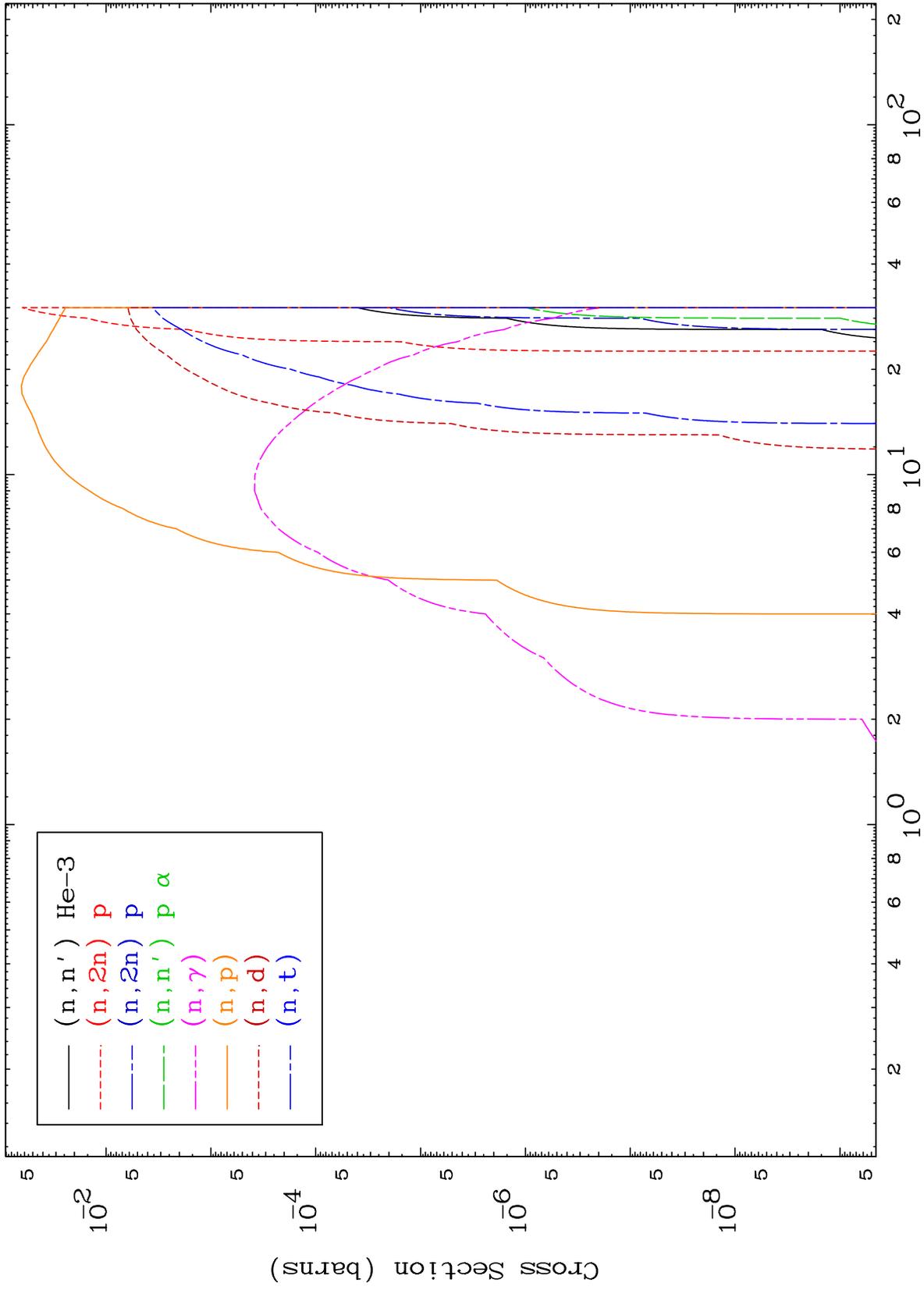
Incident Energy (MeV)

18-Ar-40

MAT 1837

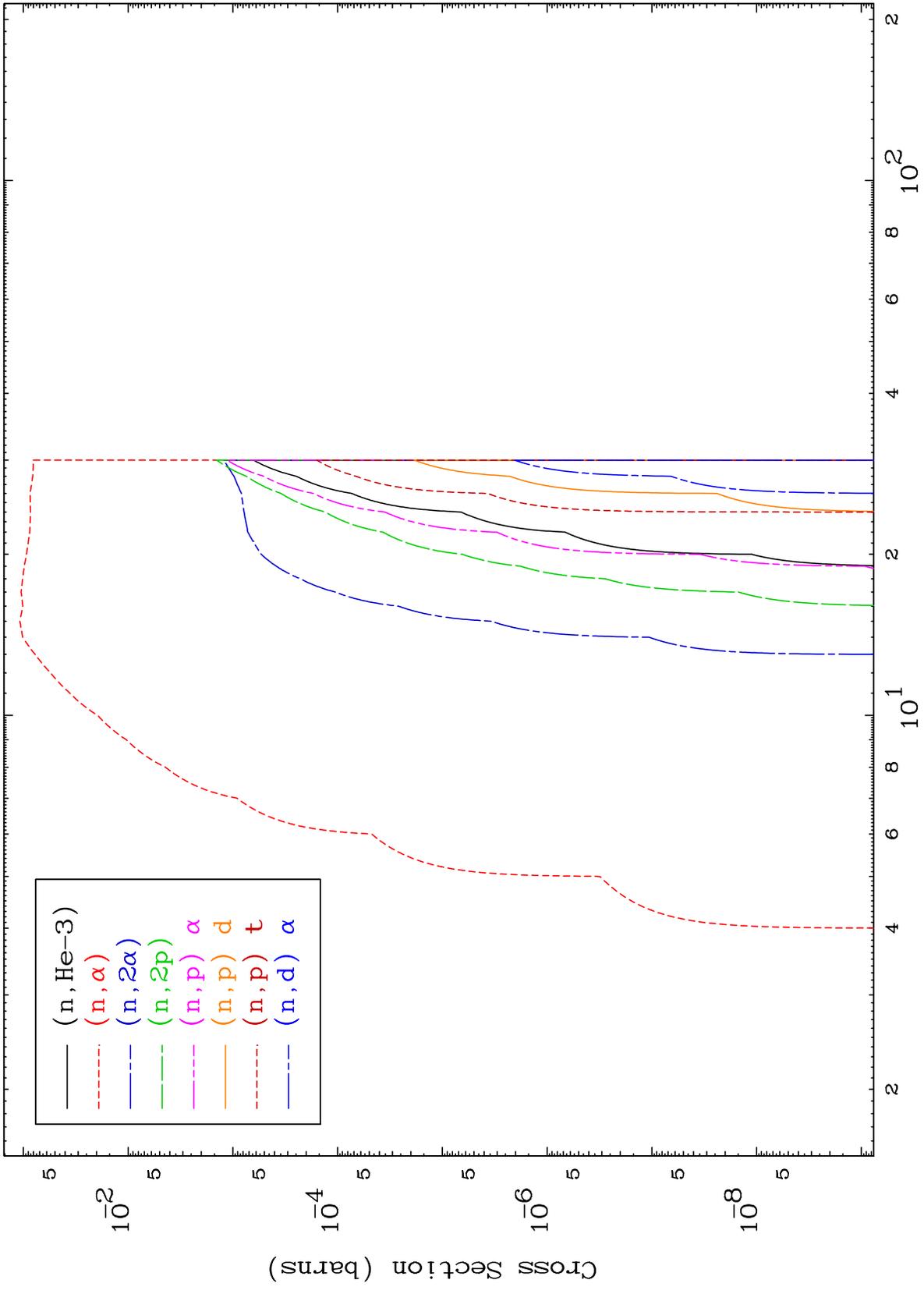
α Neutron Absorption
0 Kelvin Cross Sections

18-Ar-40

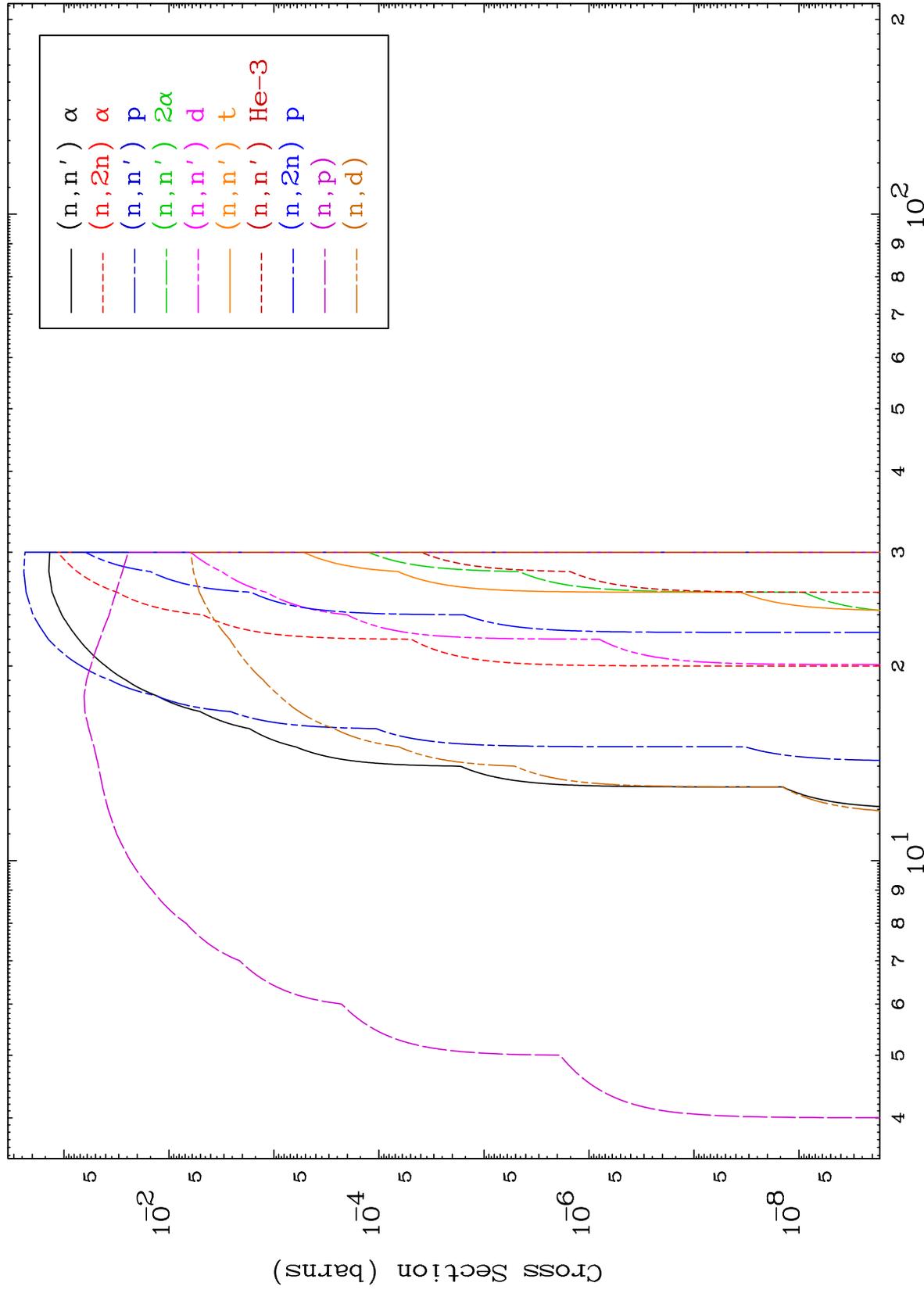


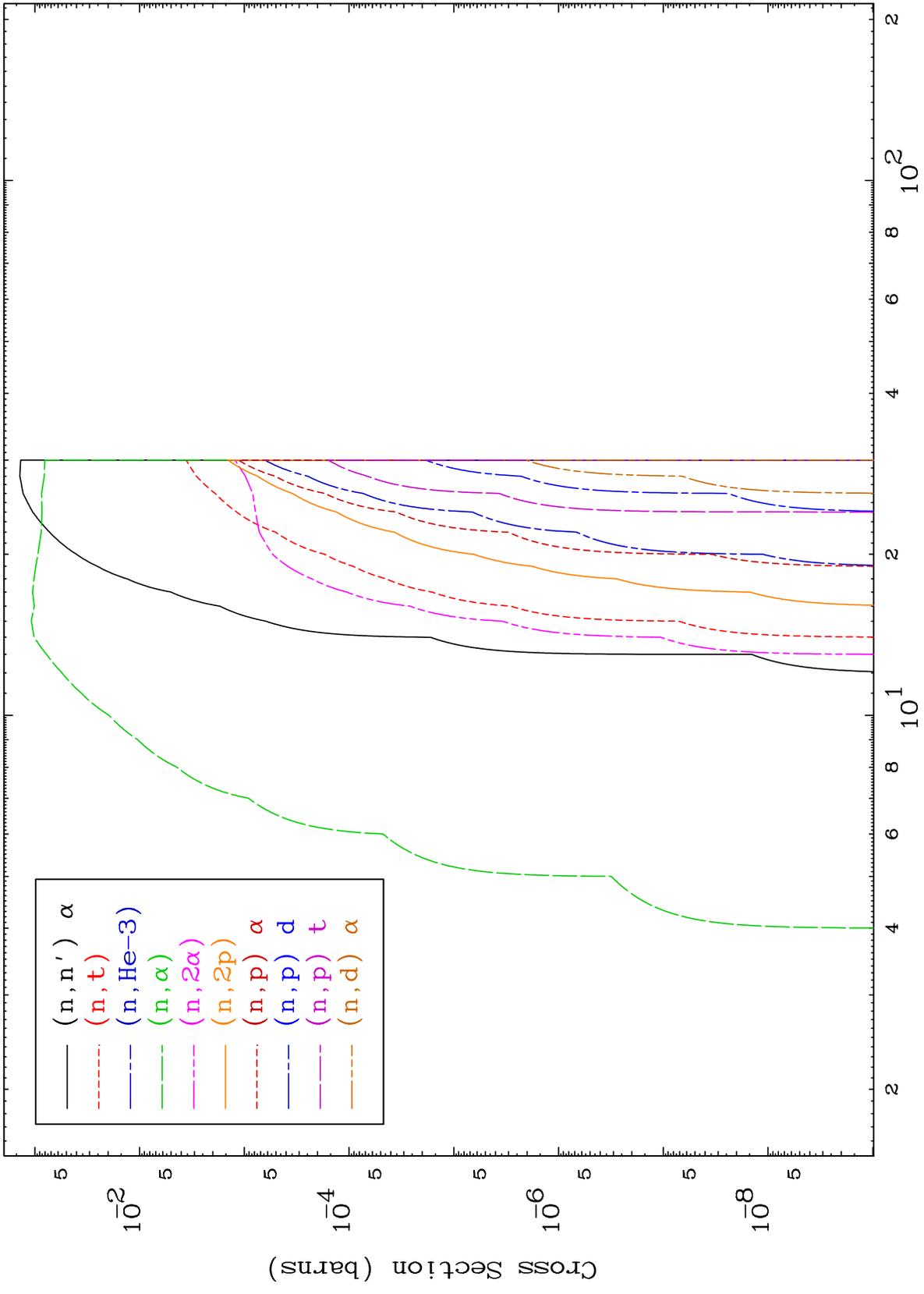
3

18-Ar-40



α Charged Particle
0 Kelvin Cross Sections

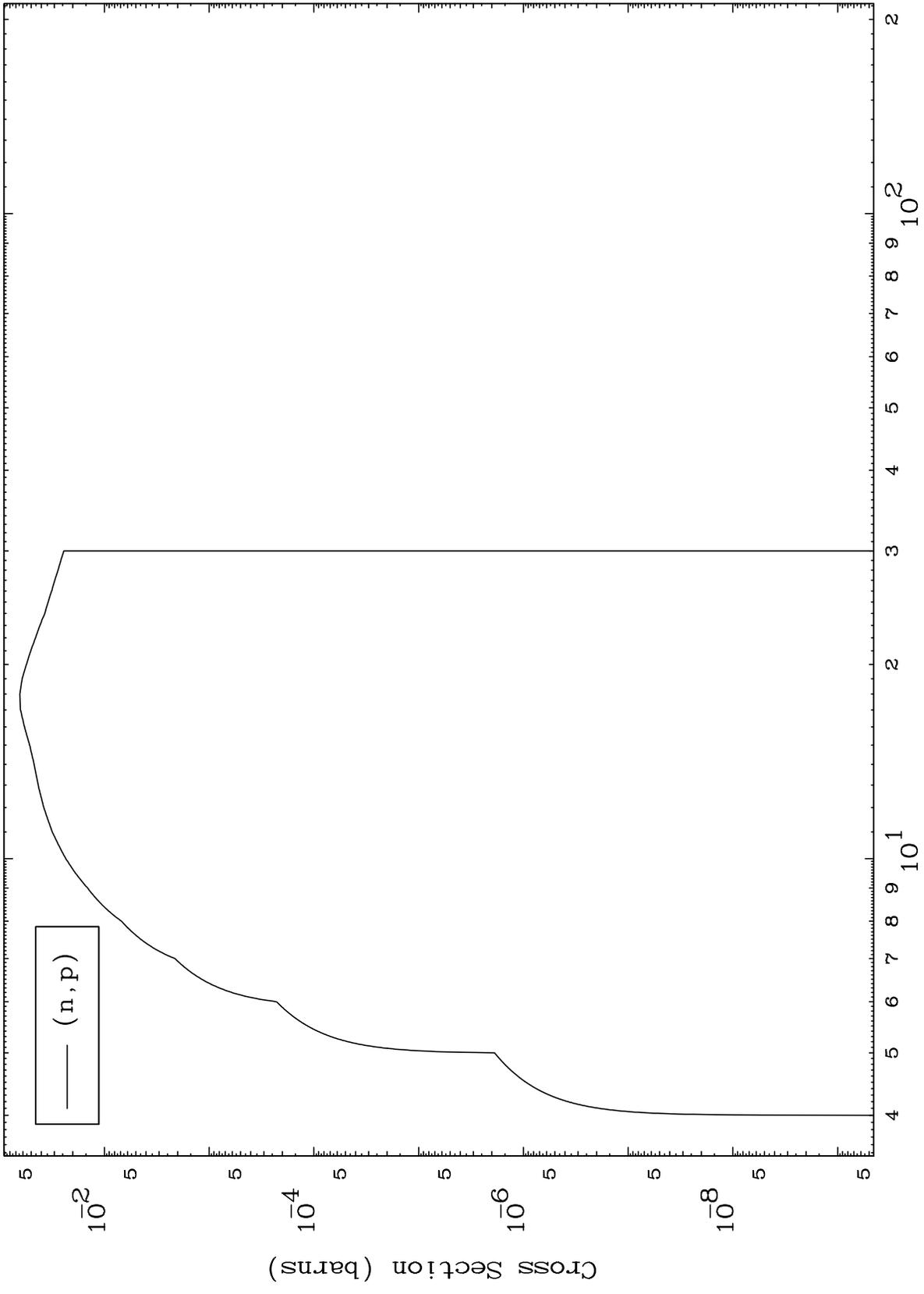




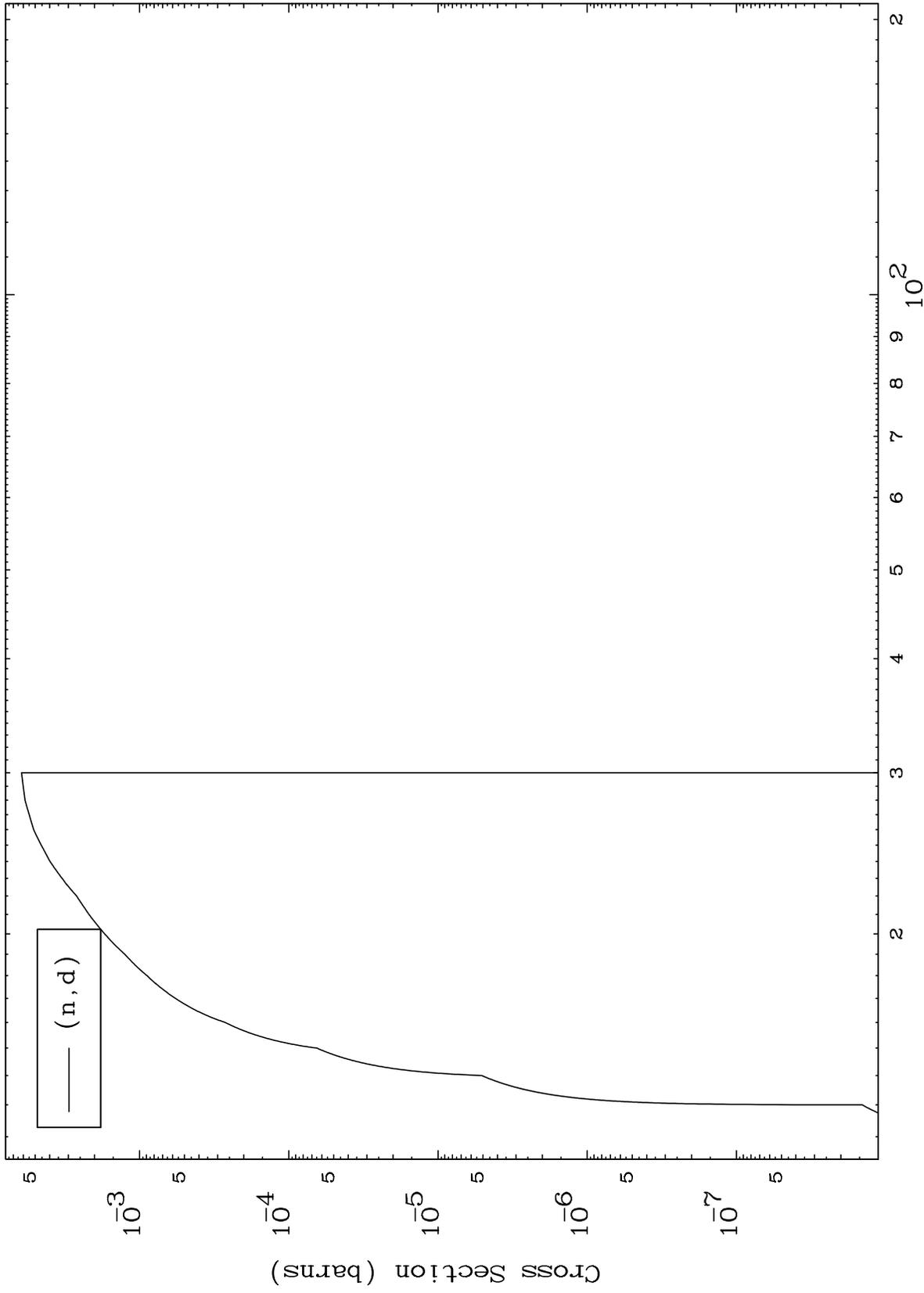
MAT 1837

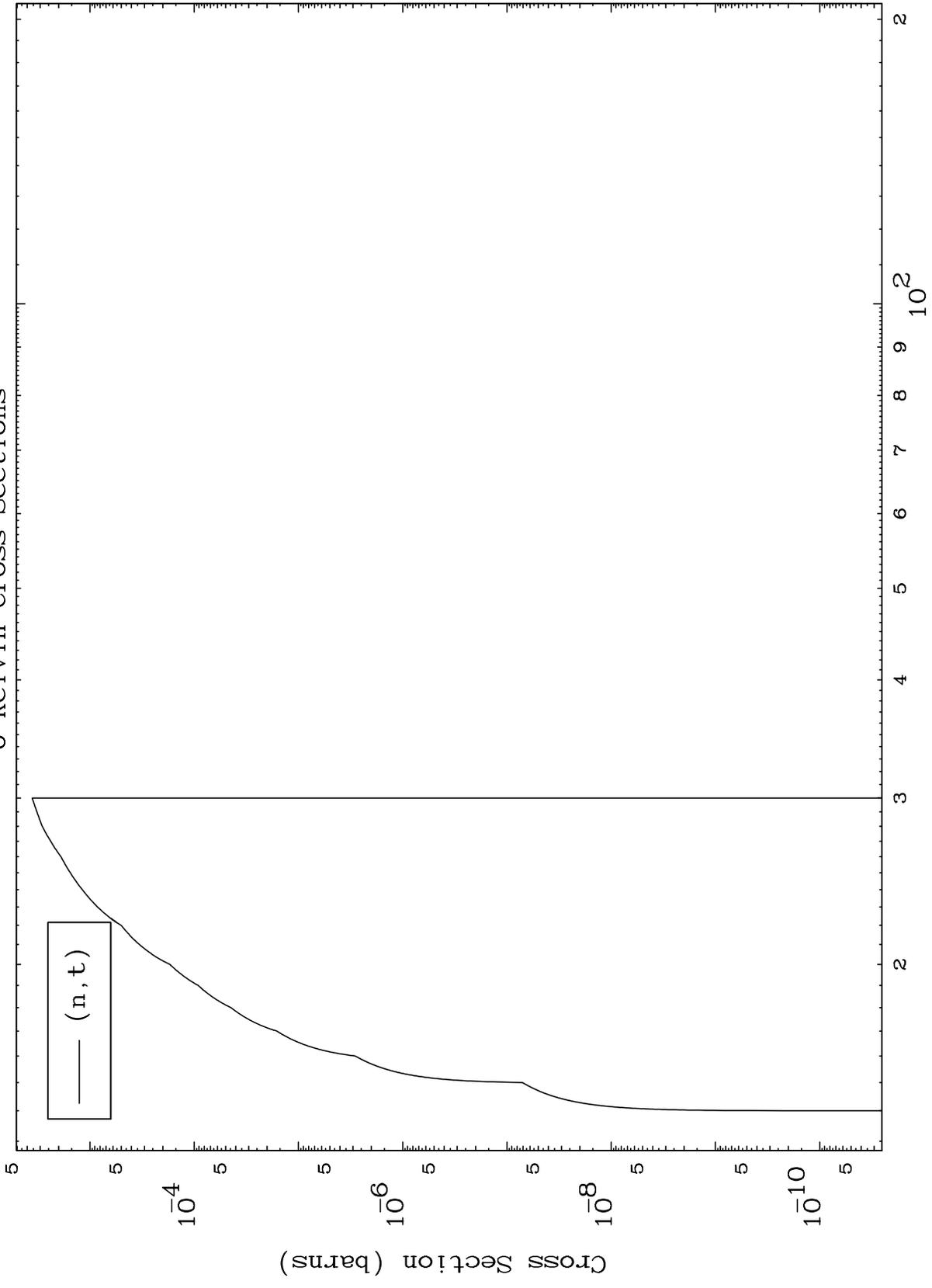
(α, p) Levels
0 Kelvin Cross Sections

18-Ar-40



7

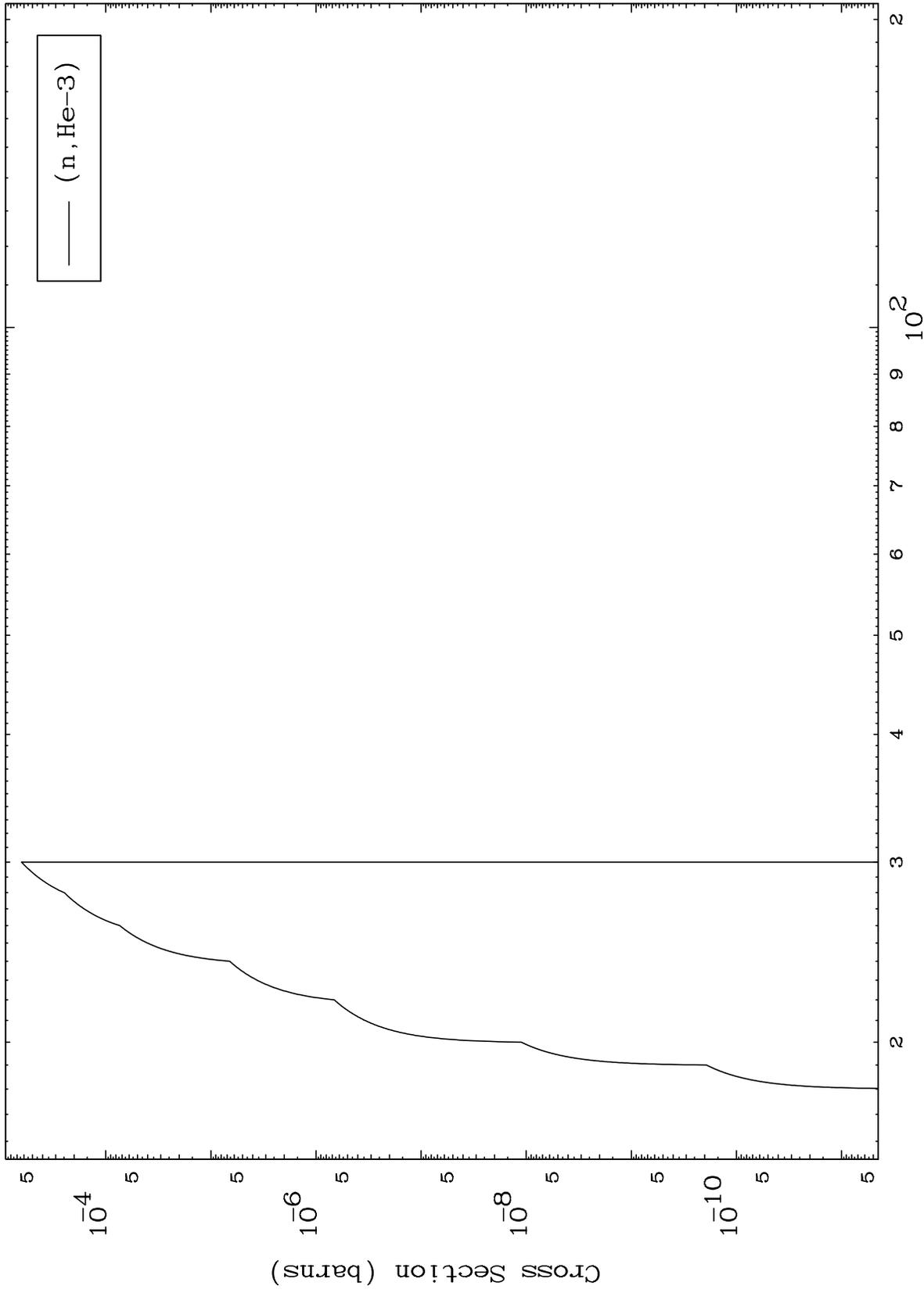




MAT 1837

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

18-Ar-40



10

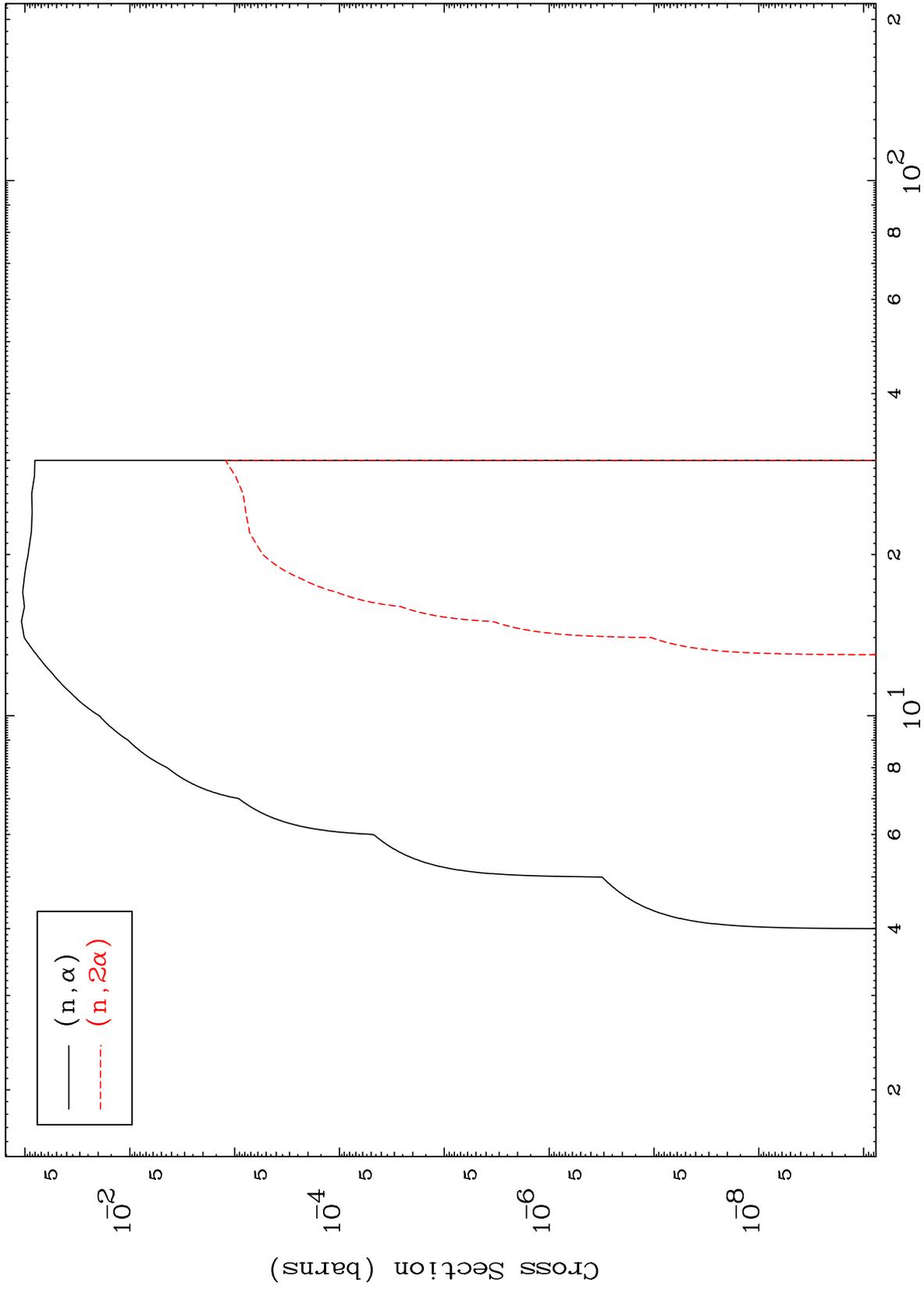
Incident Energy (MeV)

18-Ar-40

MAT 1837

(α, α) Levels
0 Kelvin Cross Sections

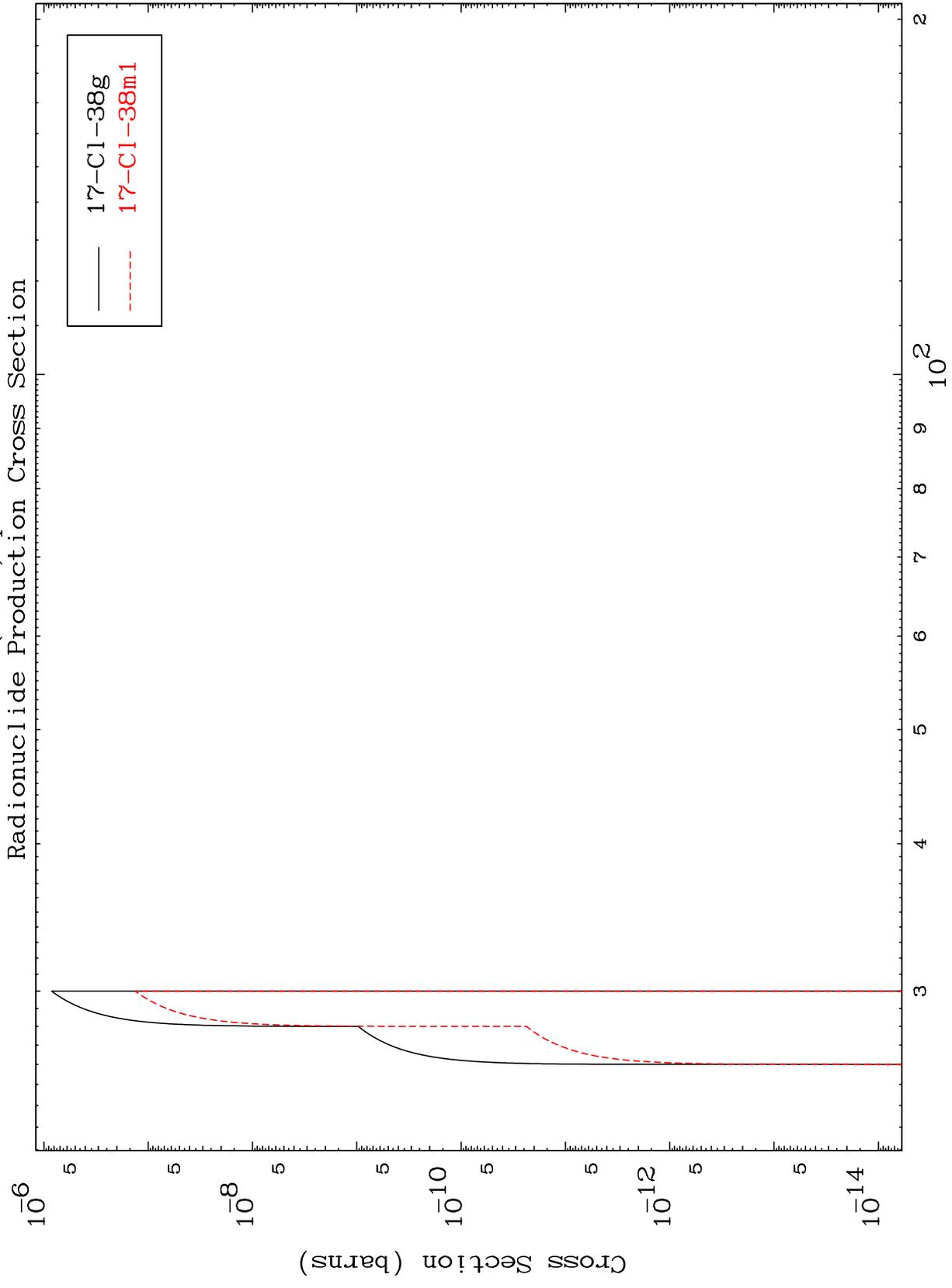
18-Ar-40



MAT 1837

(n,n') p α

18-Ar-40



12

18-Ar-40

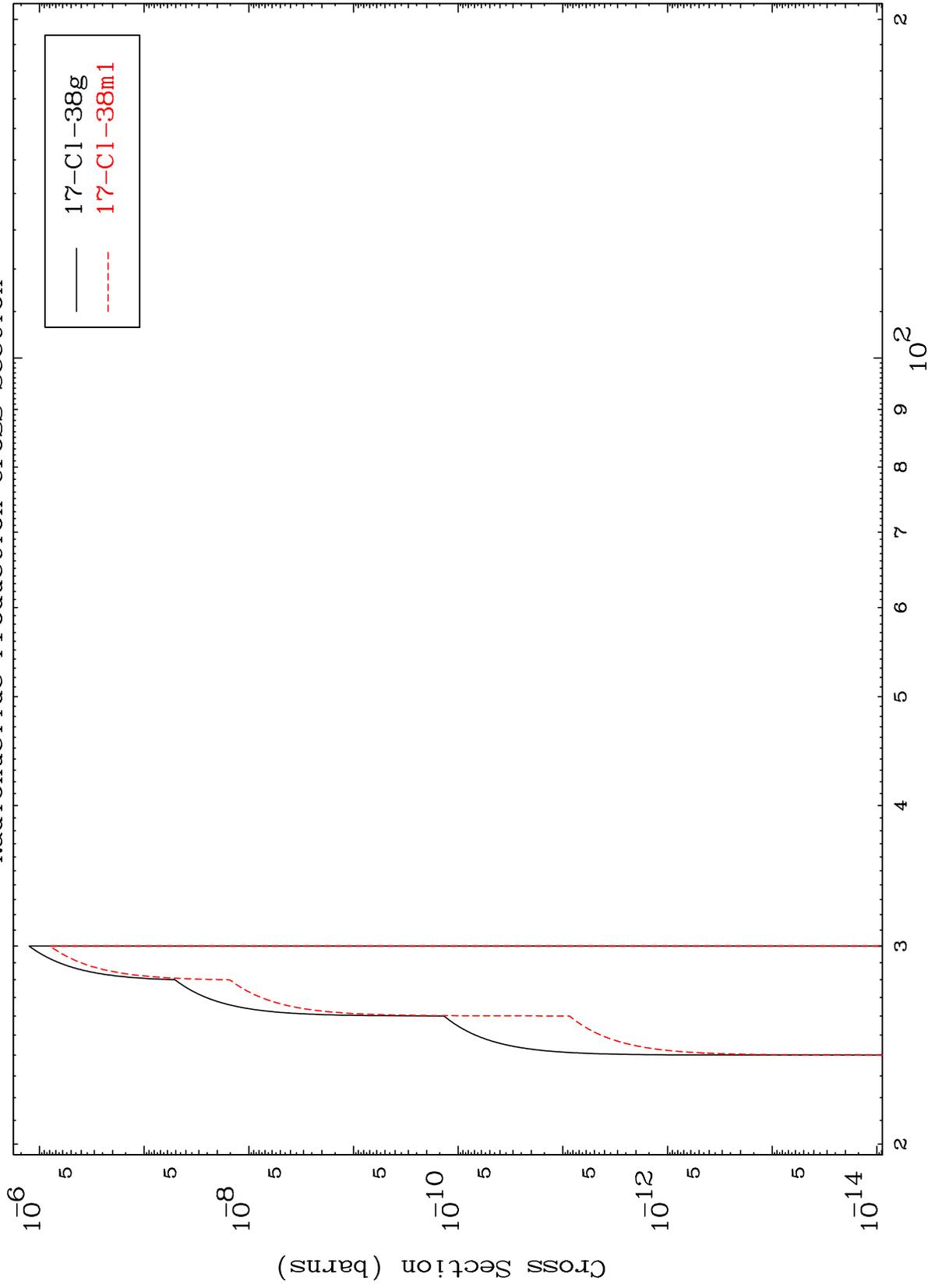
18-Ar-40

MAT 1837

(n,d) α

18-Ar-40

Radionuclide Production Cross Section



13

Incident Energy (MeV)

18-Ar-40