

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

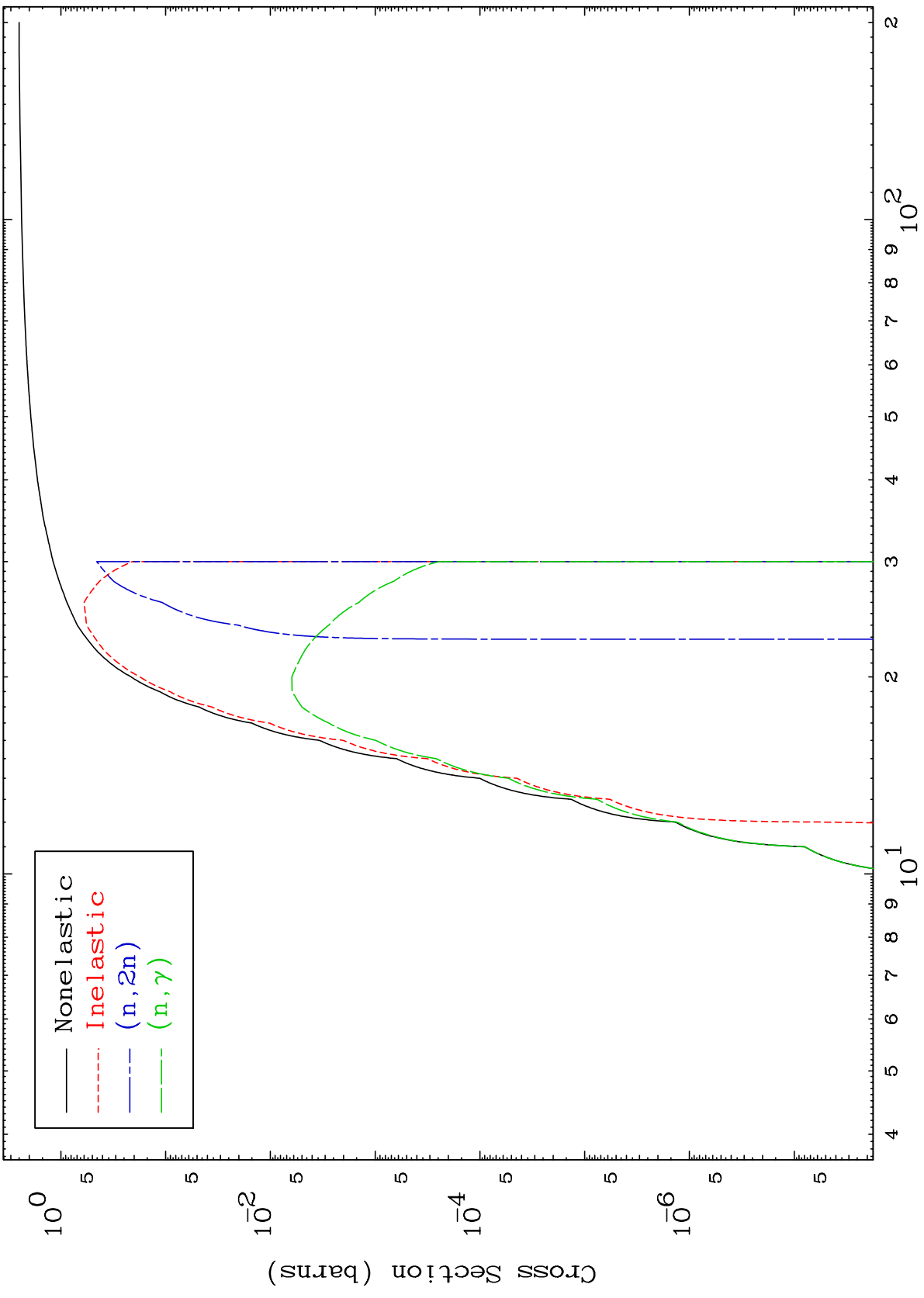
Press Mouse Button to Start

MAT 7004

α Major

70-Yb-161

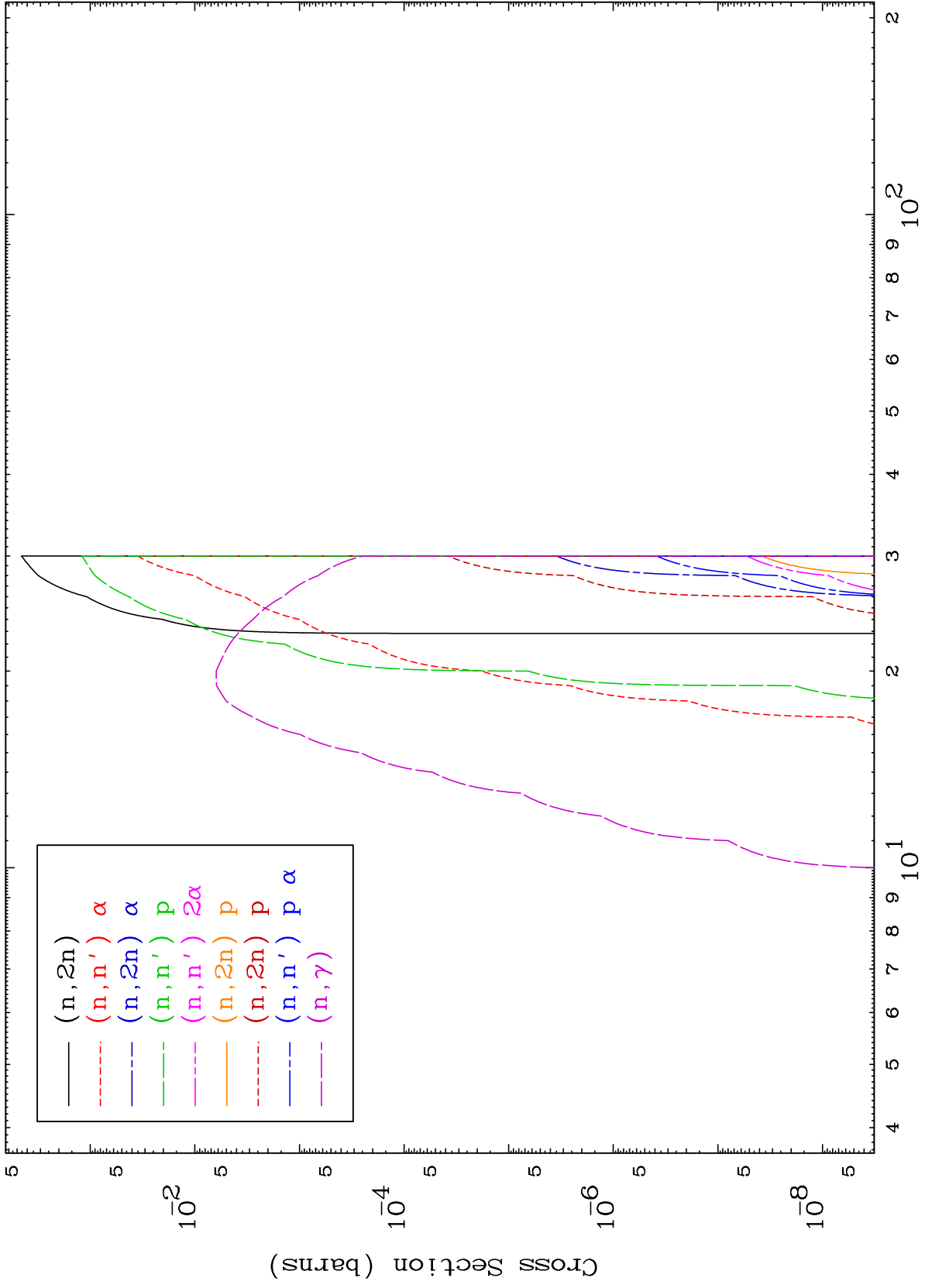
0 Kelvin Cross Sections



1

Incident Energy (MeV)

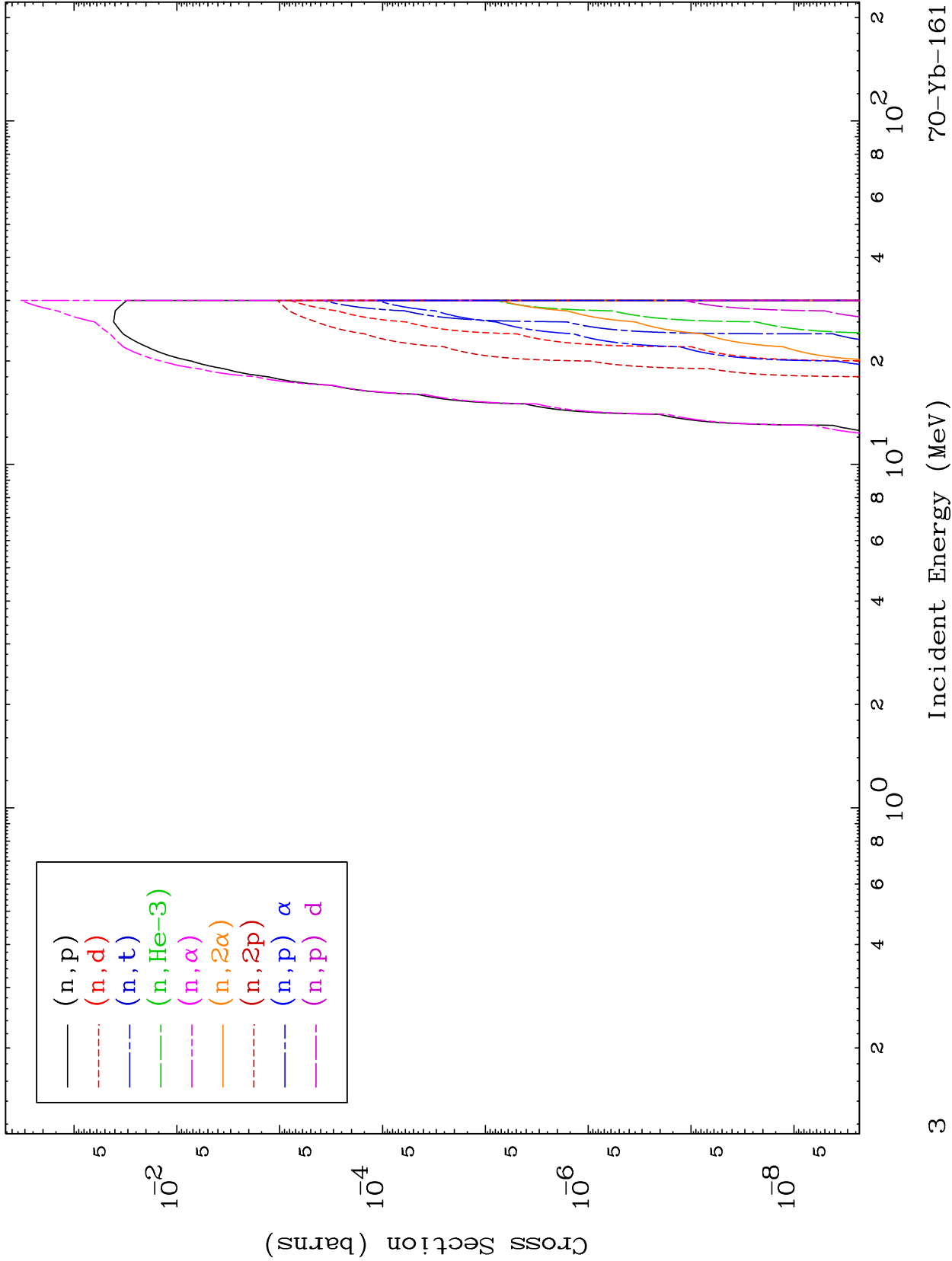
70-Yb-161

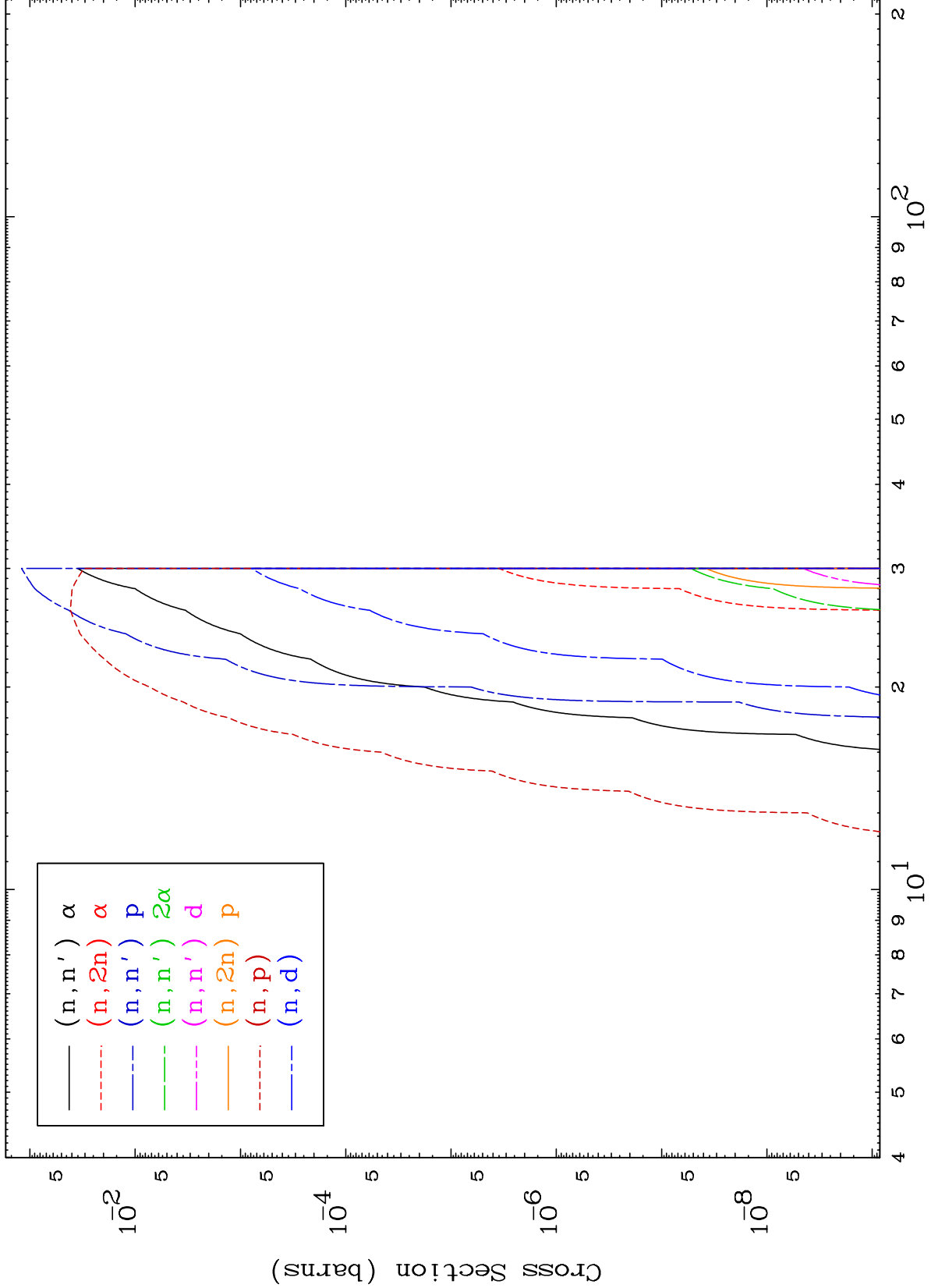


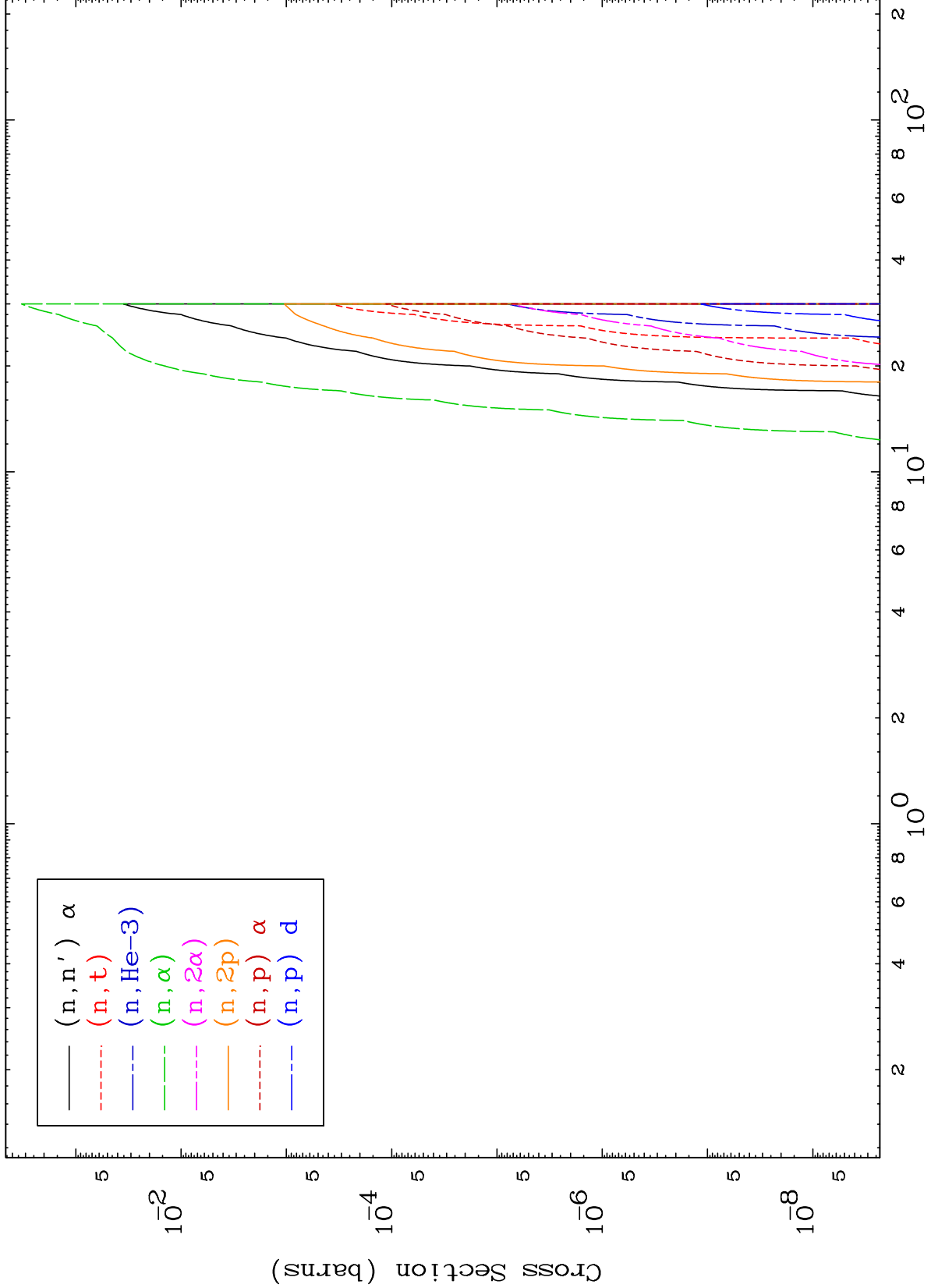
MAT 7004

α Neutron Absorption
0 Kelvin Cross Sections

70-Yb-161



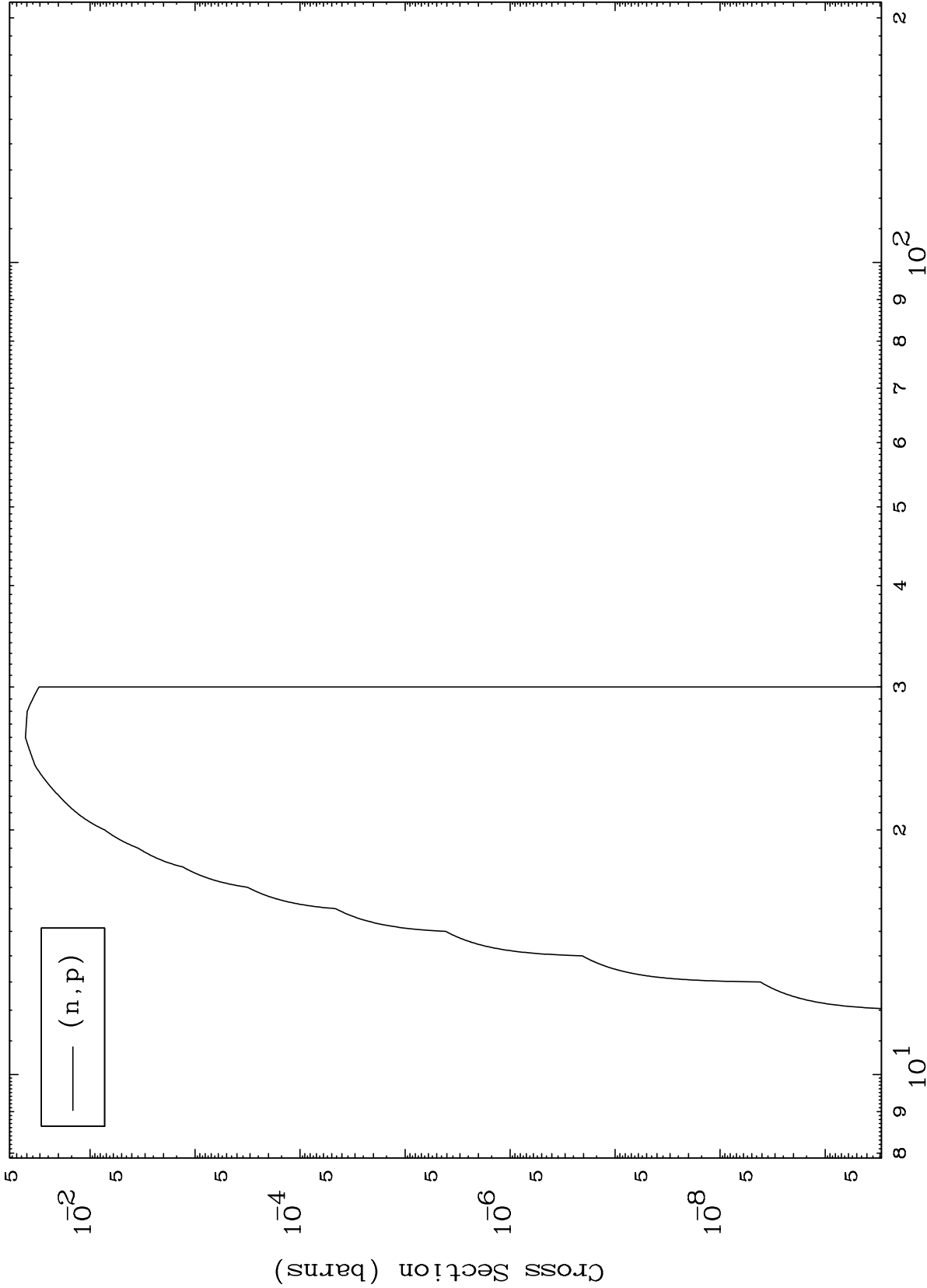




MAT 7004

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-161



Incident Energy (MeV)

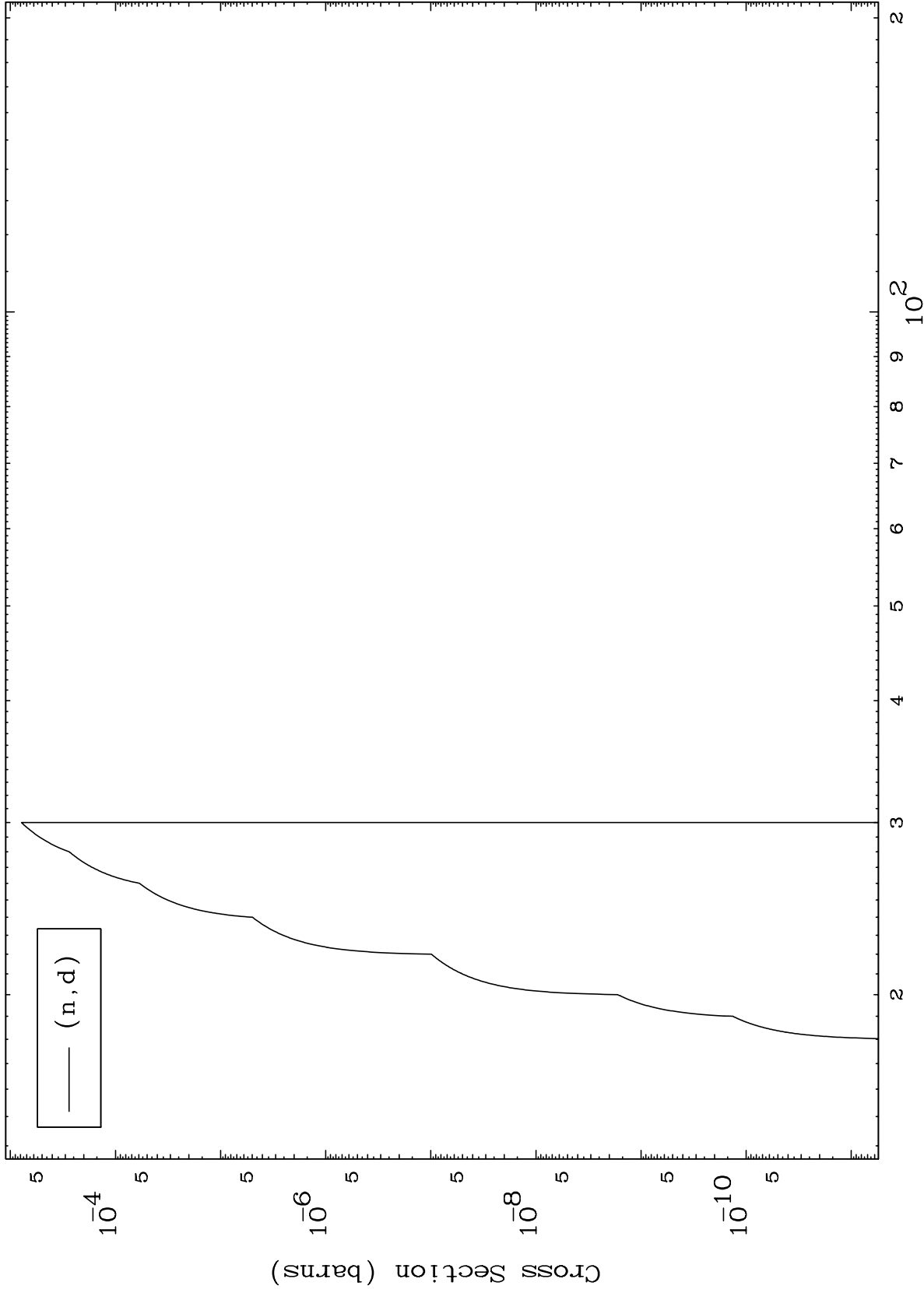
70-Yb-161

6

MAT 7004

70-Yb-161

(α, d) Levels
0 Kelvin Cross Sections



70-Yb-161

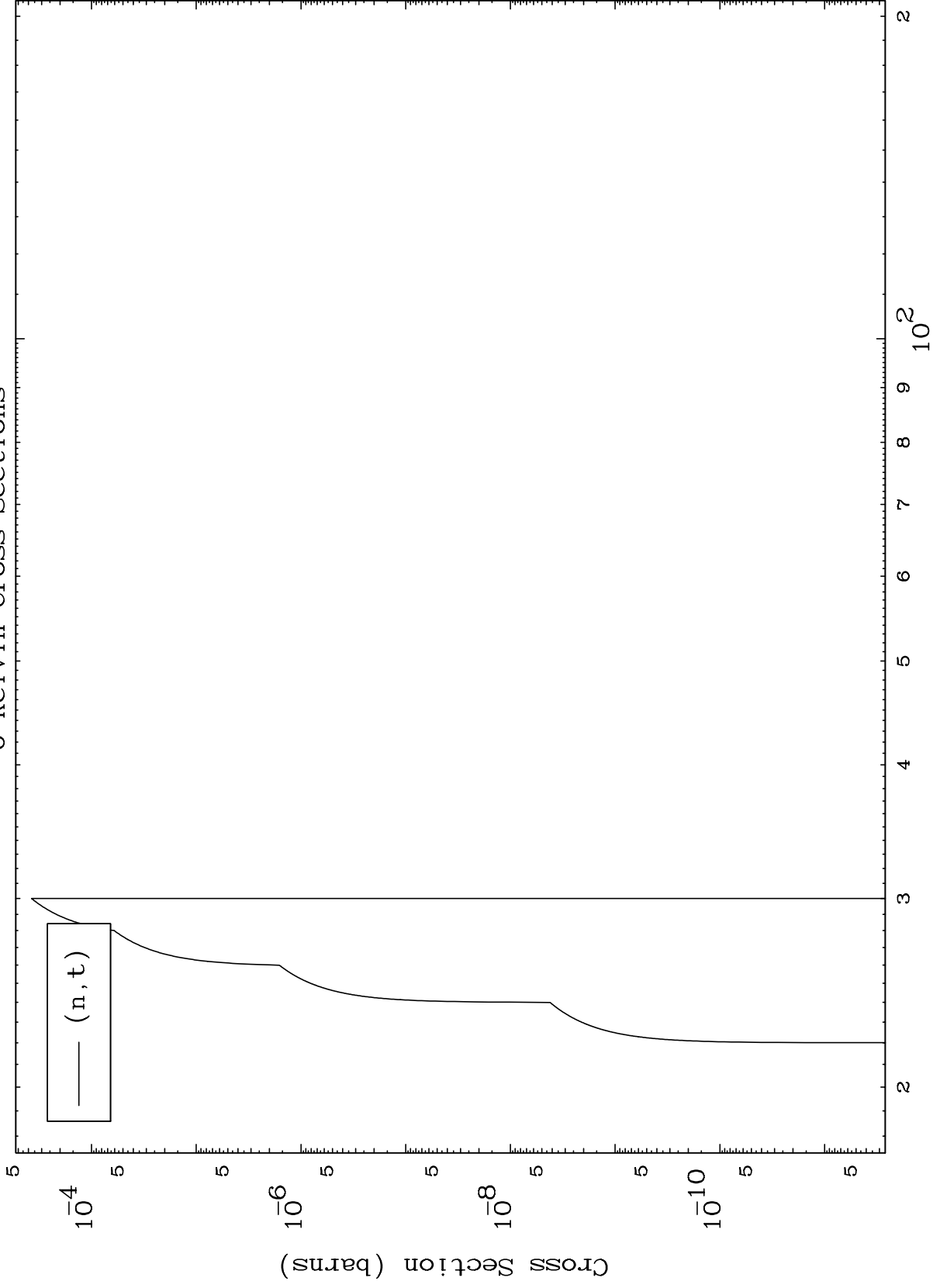
Incident Energy (MeV)

7

MAT 7004

(α, t) Levels
0 Kelvin Cross Sections

70-Yb-161

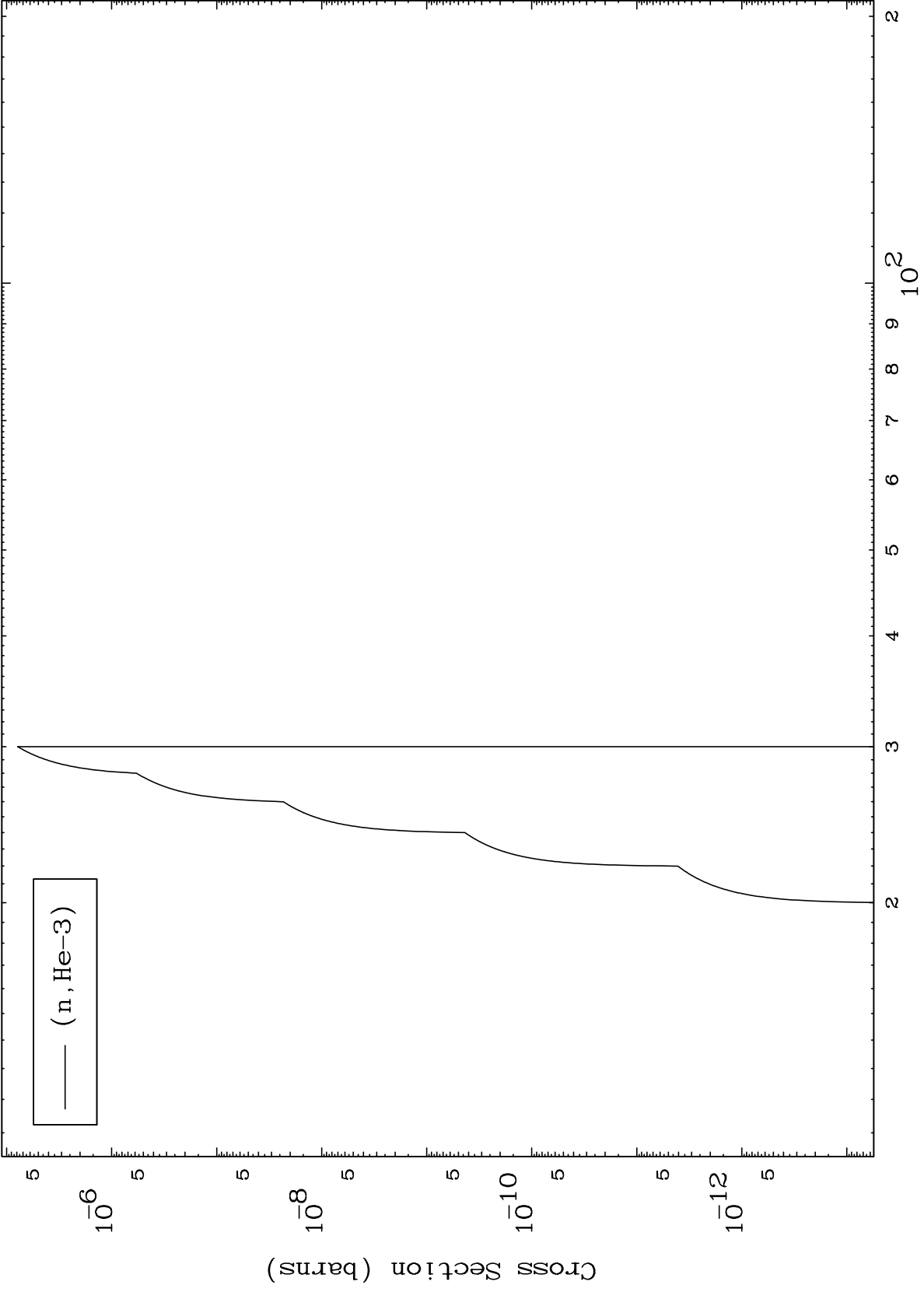


8

Incident Energy (MeV)

70-Yb-161

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

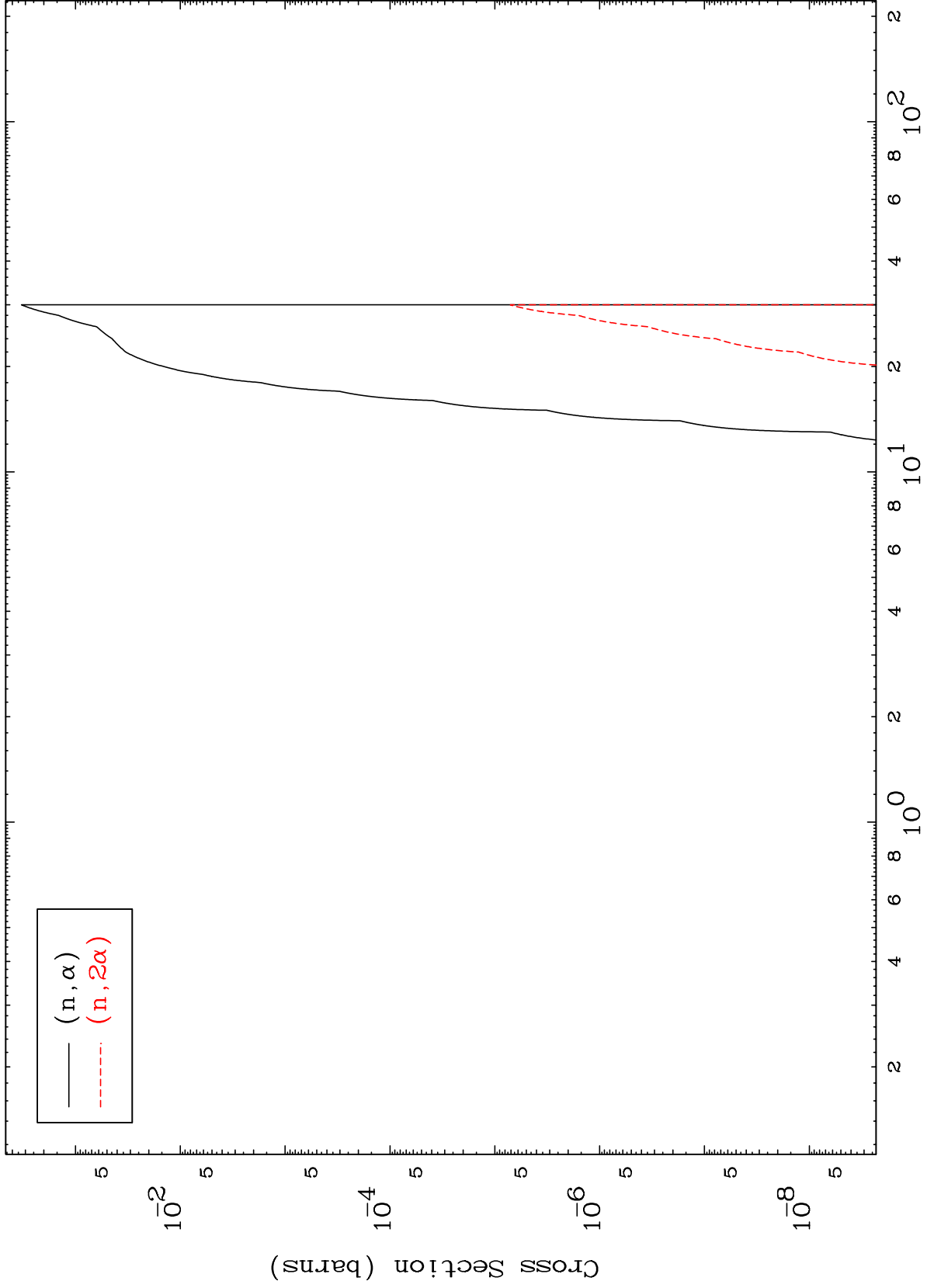


MAT 7004

(α, α) Levels

70-Yb-161

0 Kelvin Cross Sections



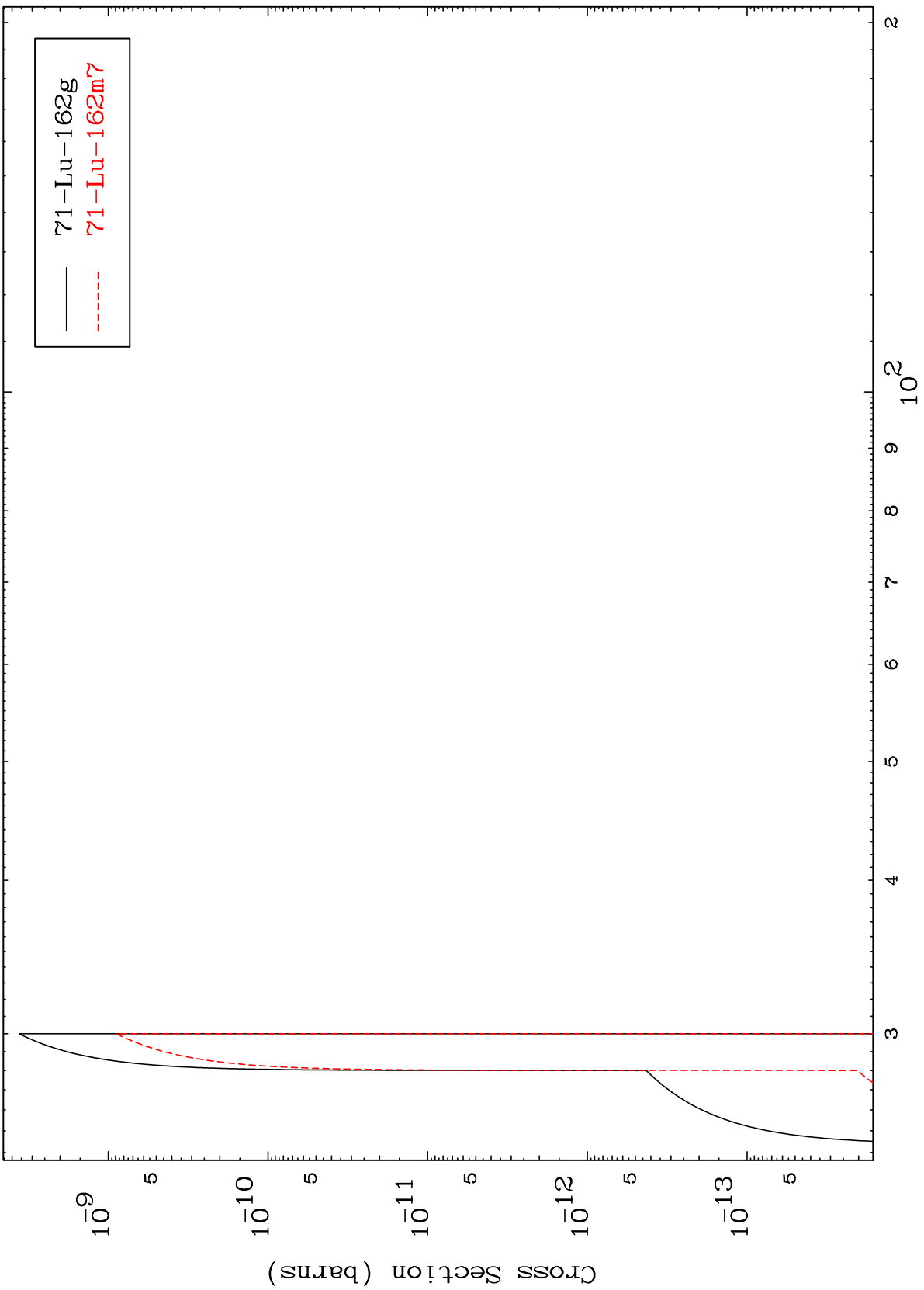
— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

70-Yb-161

Radionuclide Production Cross Section

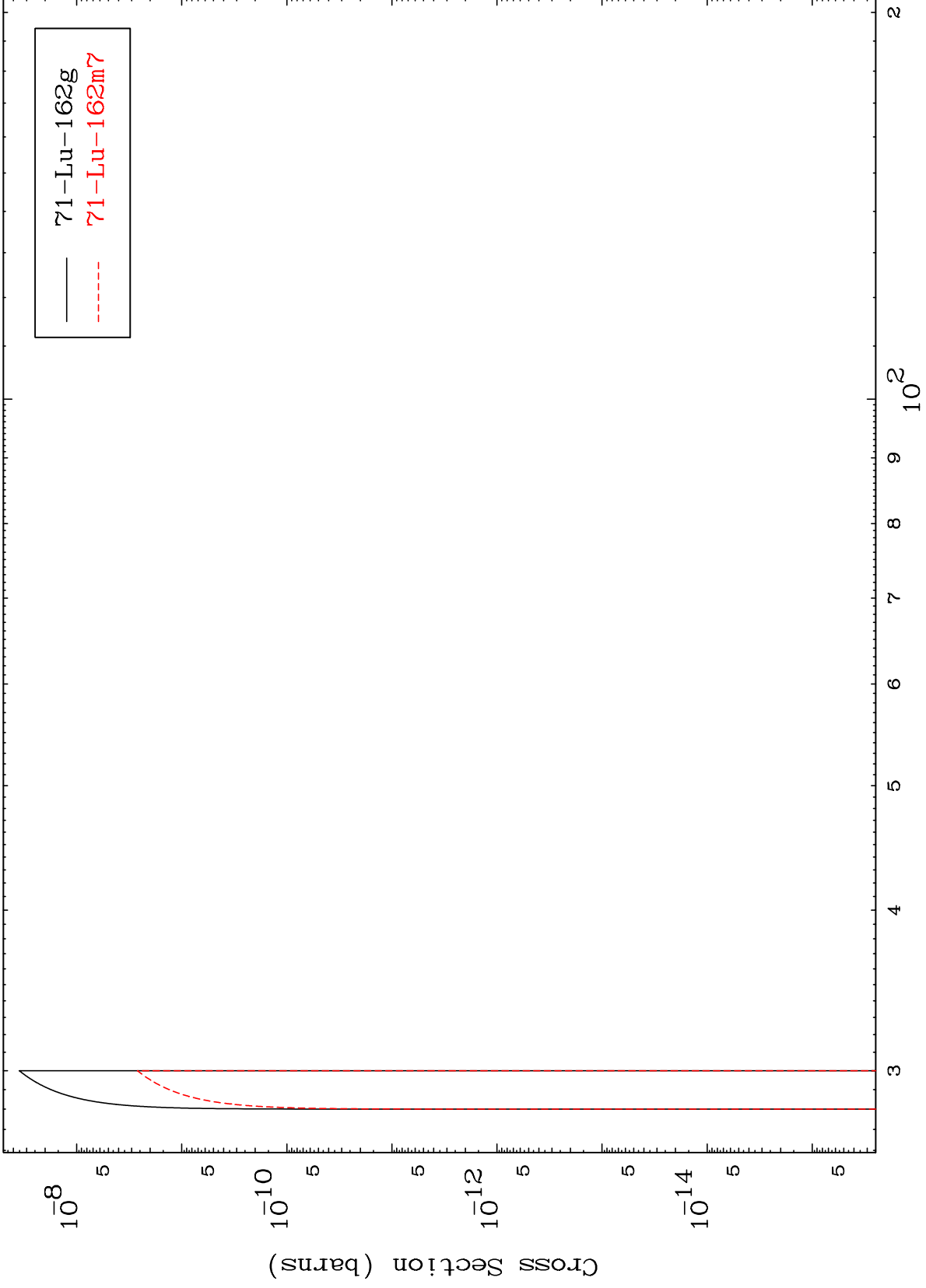


MAT 7004

(n,2n) p

70-Yb-161

Radionuclide Production Cross Section



12

Incident Energy (MeV)

70-Yb-161

(n, t)
Radionuclide Production Cross Section

