

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

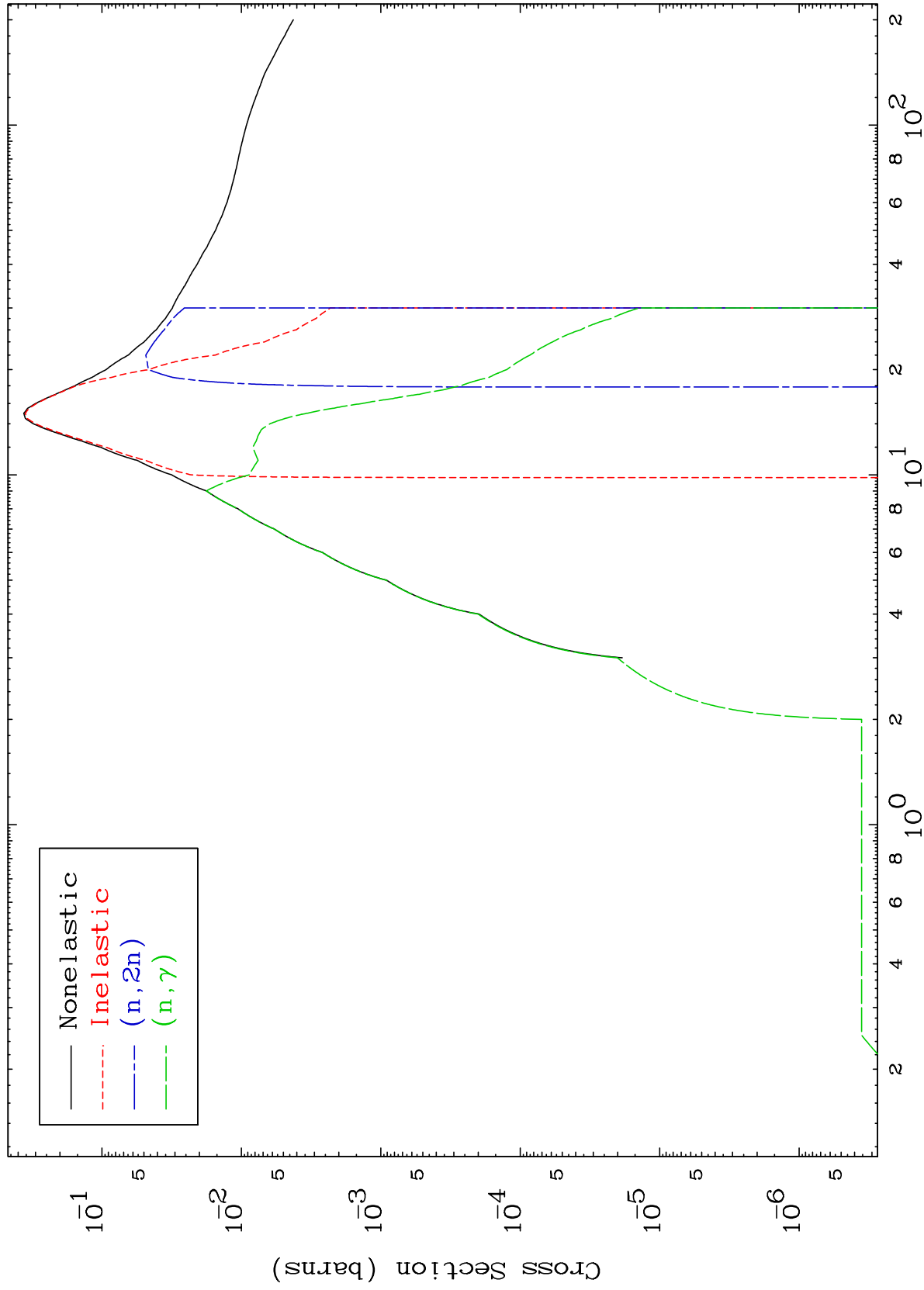
Press Mouse Button to Start

MAT 6025

Photon Major

60-Nd-142

0 Kelvin Cross Sections



1

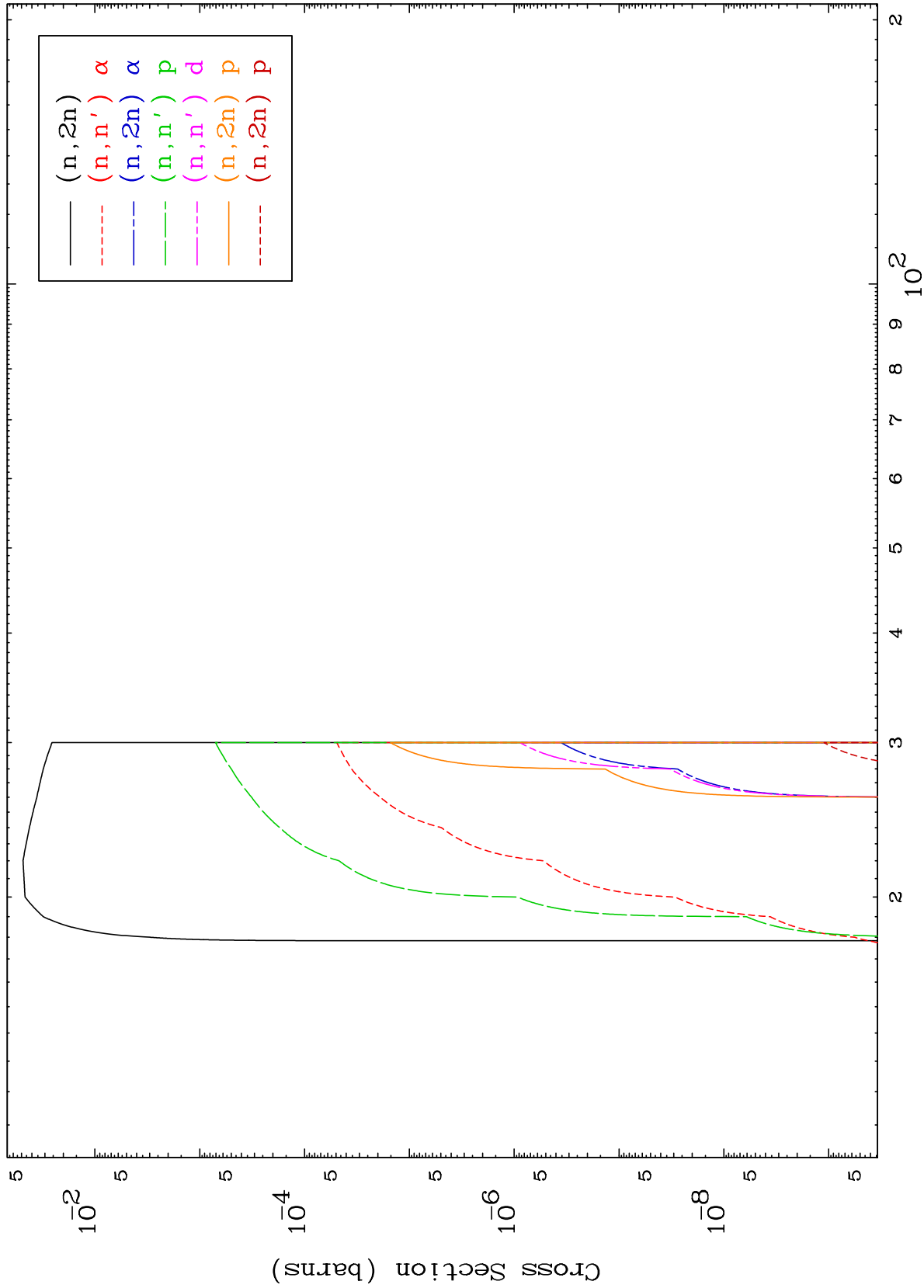
Incident Energy (MeV)

60-Nd-142

MAT 6025

Photon Neutron Absorption
0 Kelvin Cross Sections

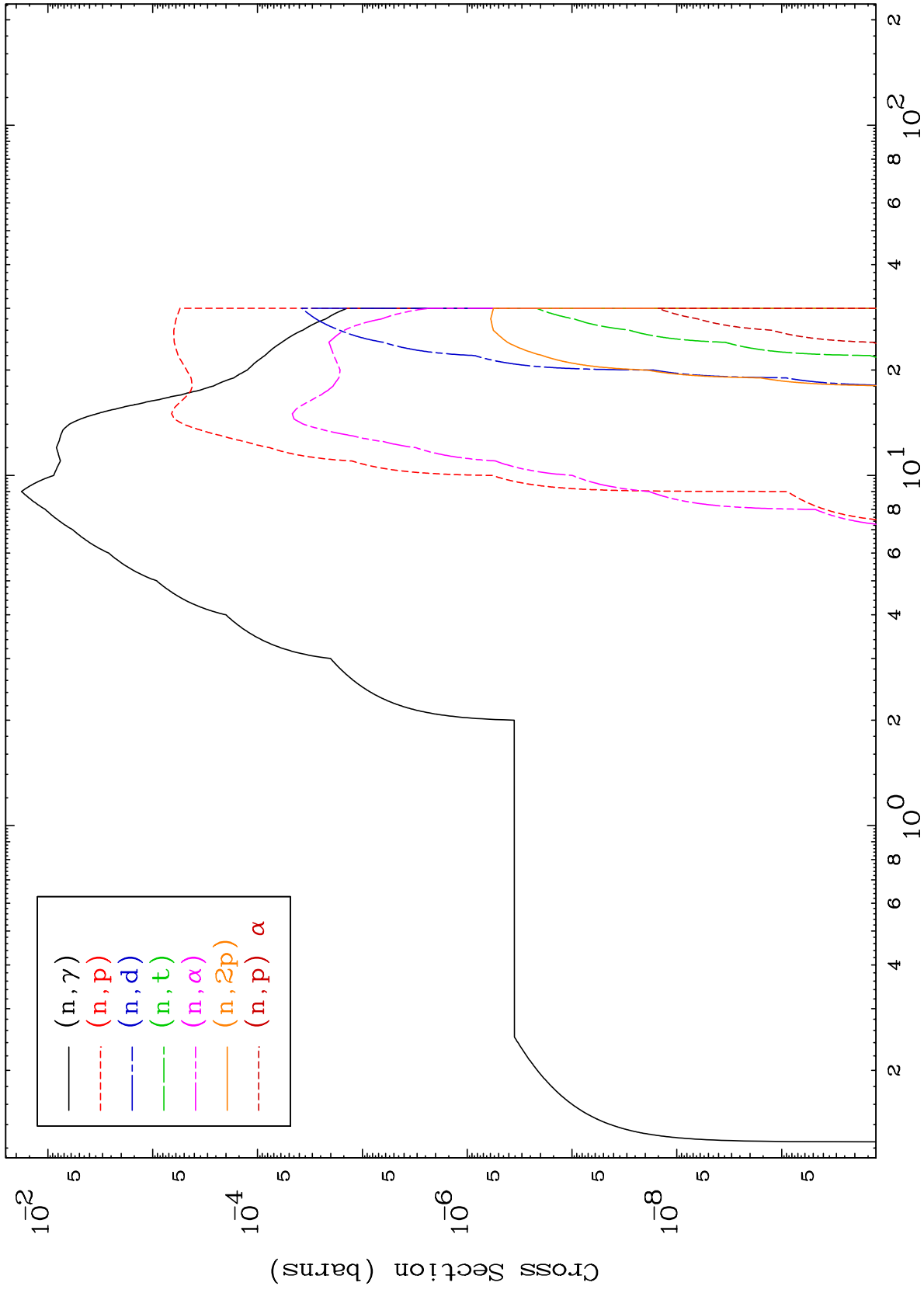
60-Nd-142



2

Incident Energy (MeV)

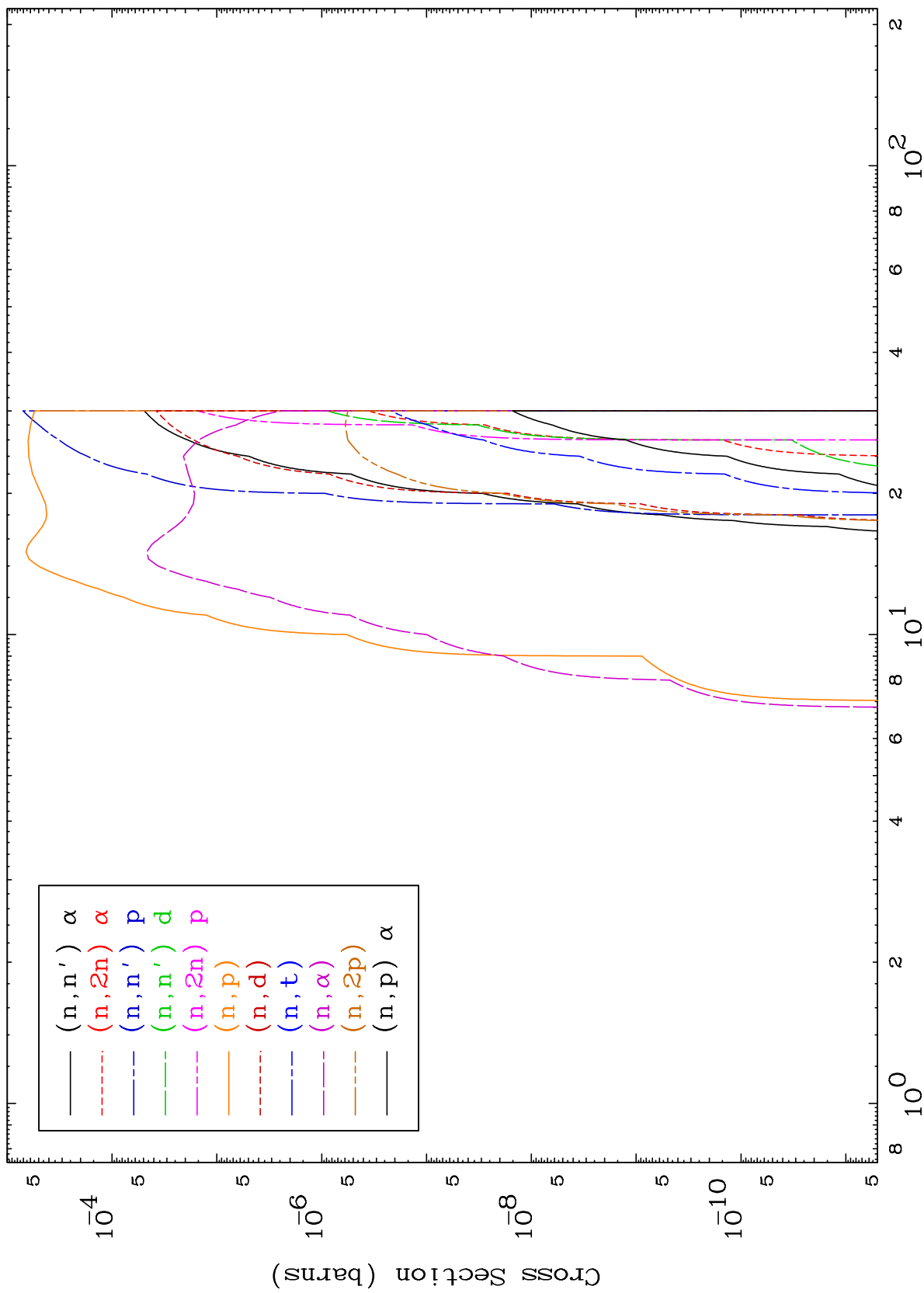
60-Nd-142



MAT 6025

Photon Charged Particle
0 Kelvin Cross Sections

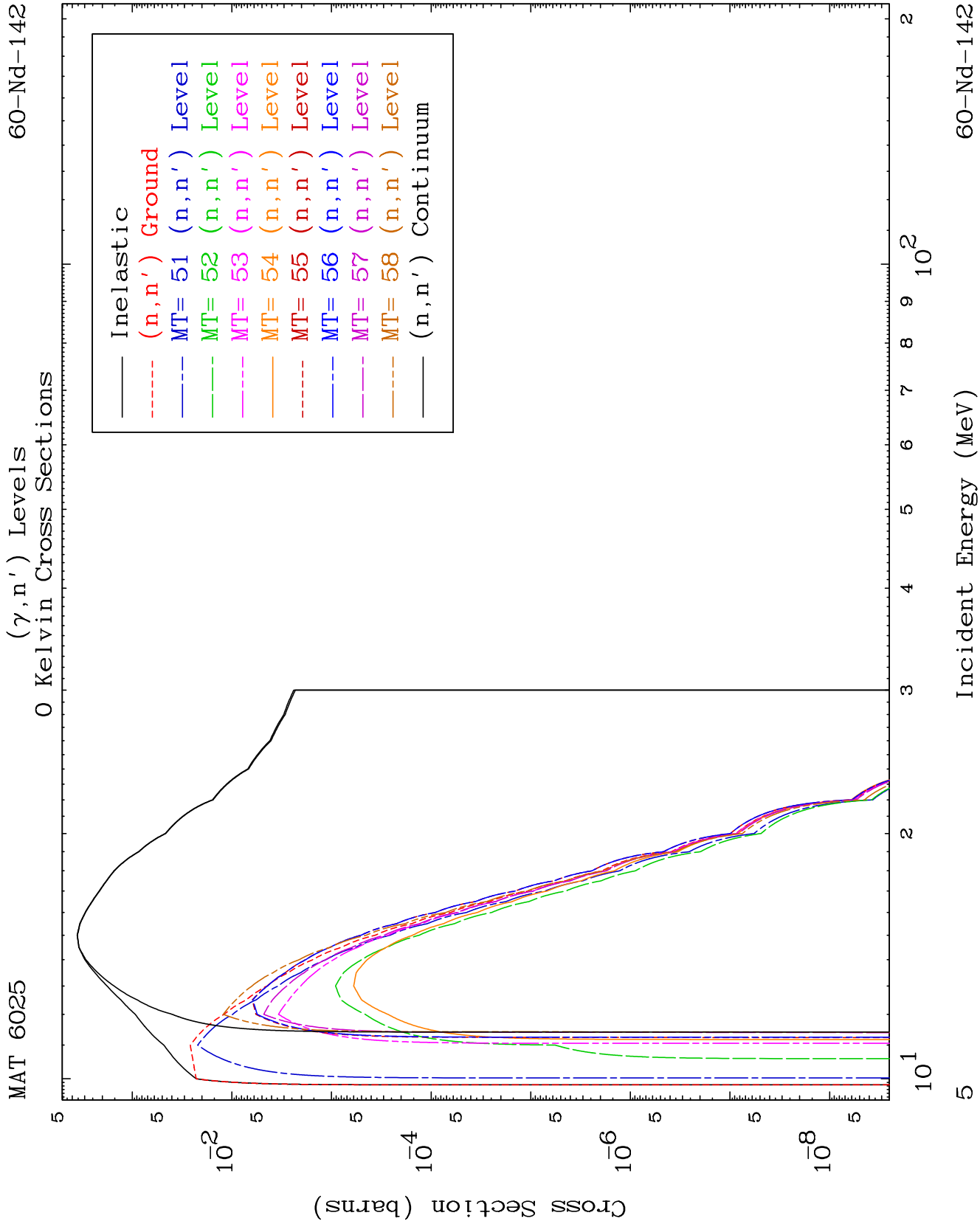
60-Nd-142



4

Incident Energy (MeV)

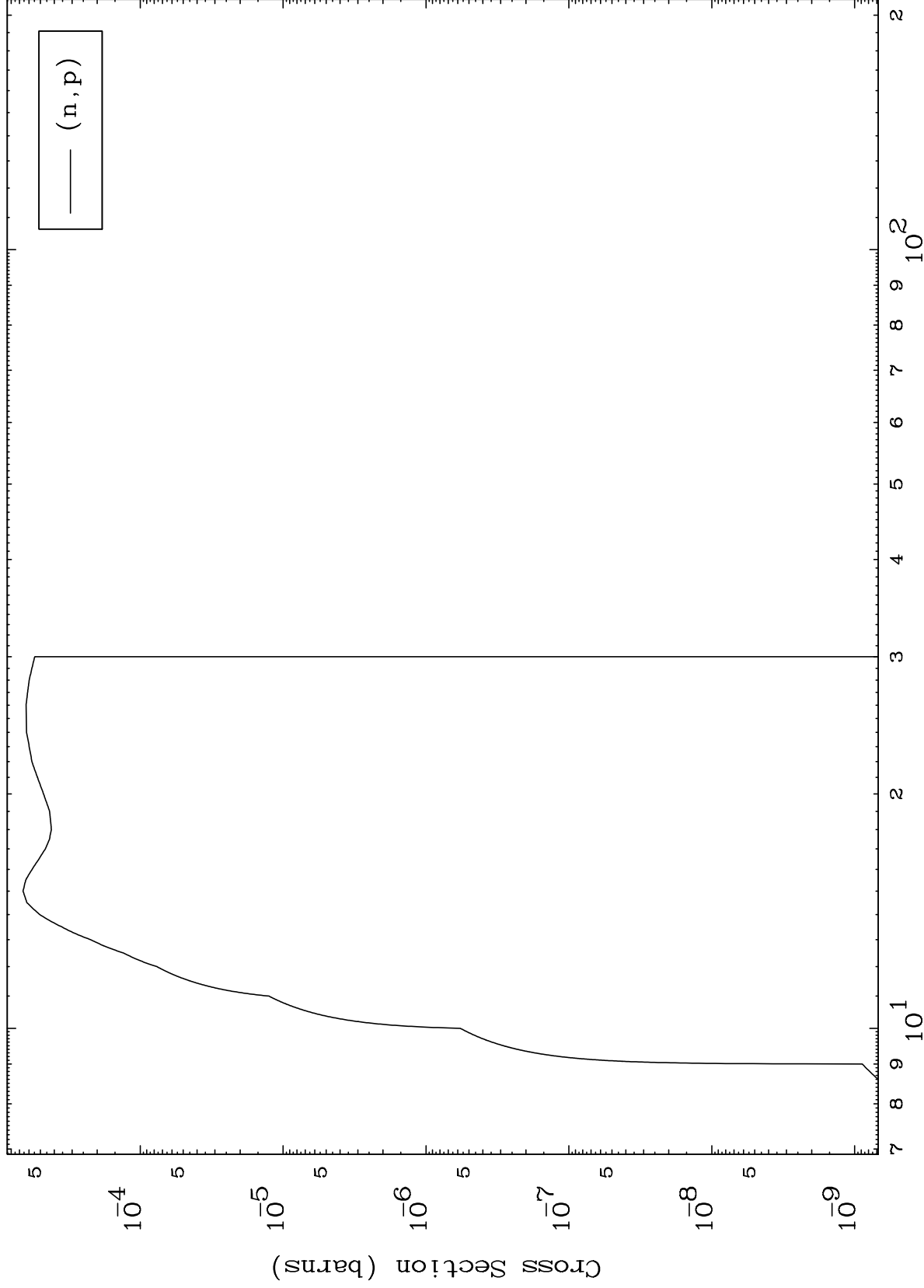
60-Nd-142



MAT 6025

(γ, p) Levels
0 Kelvin Cross Sections

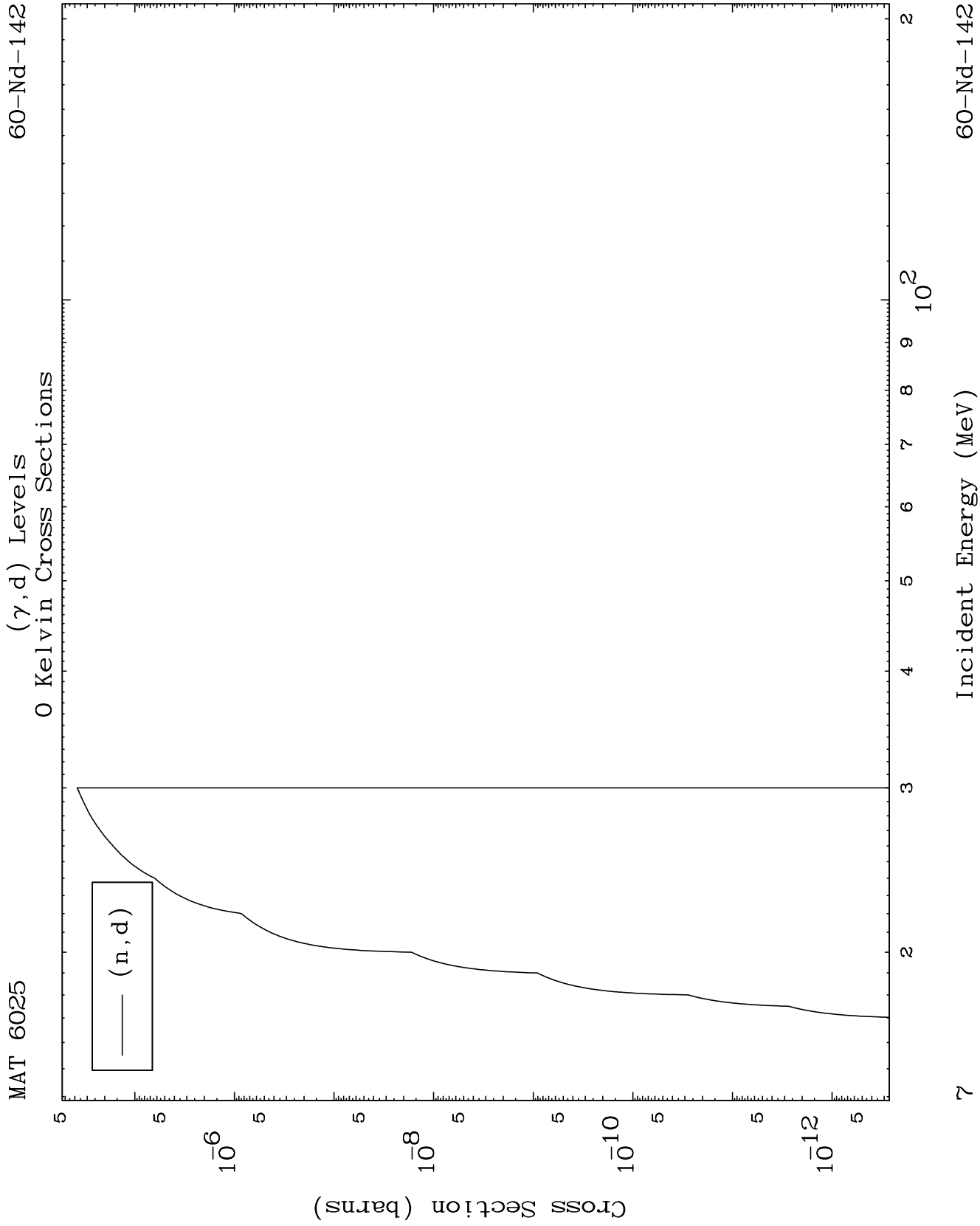
60-Nd-142



6

Incident Energy (MeV)

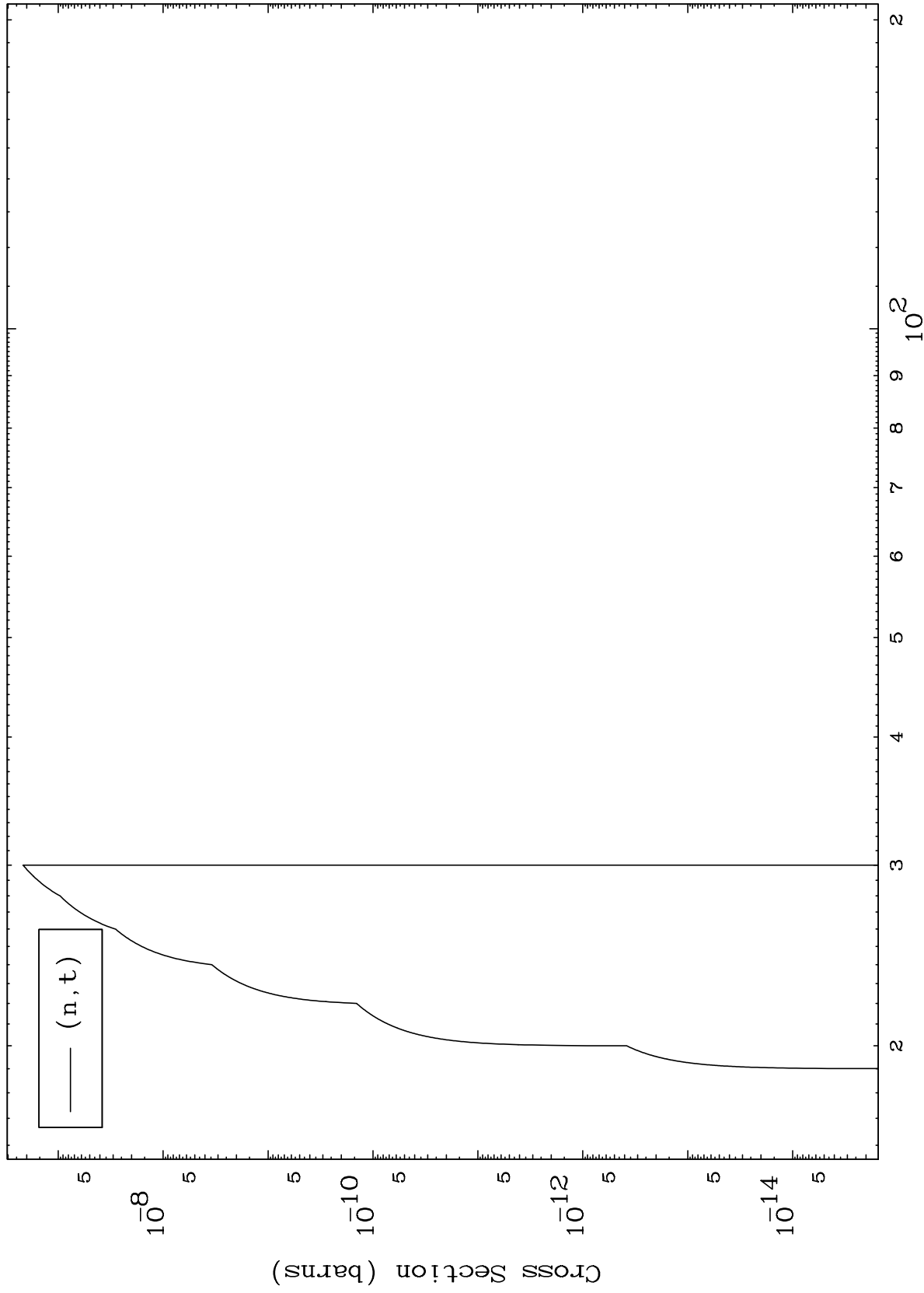
60-Nd-142



MAT 6025

60-Nd-142

(γ, t) Levels
0 Kelvin Cross Sections



8

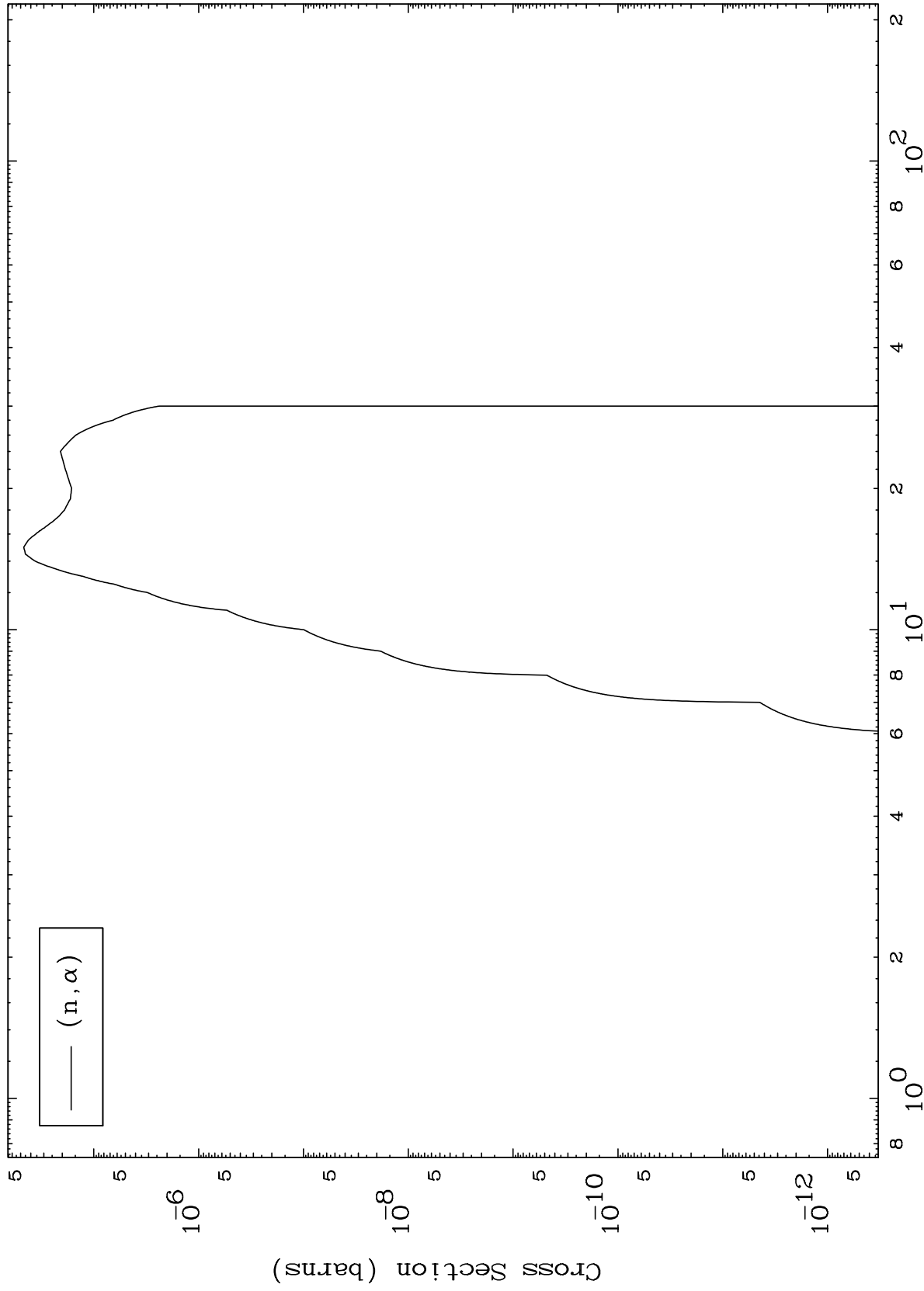
Incident Energy (MeV)

60-Nd-142

MAT 6025

60-Nd-142

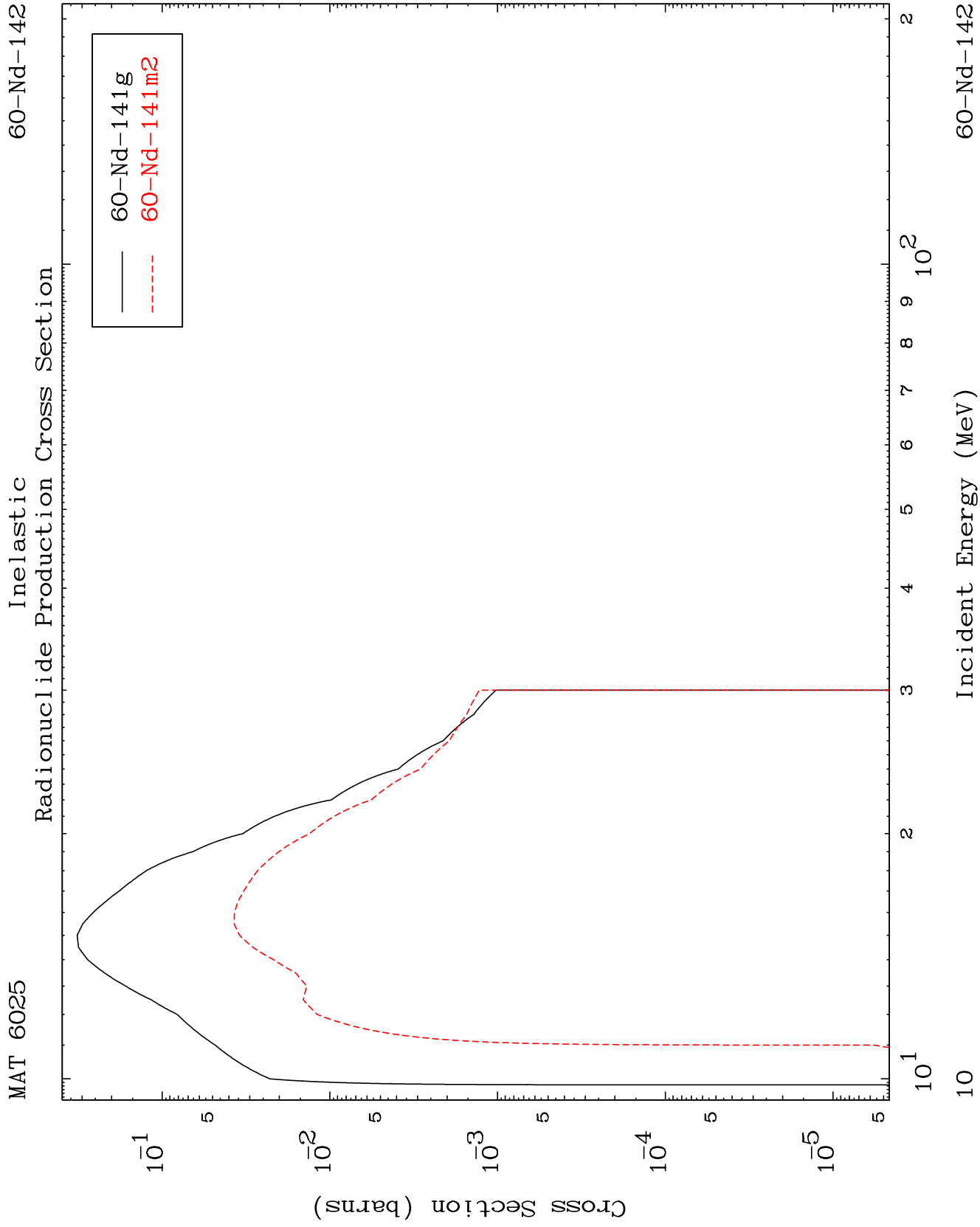
(γ, α) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

60-Nd-142



Radionuclide Production Cross Section

