

Program EVALPLOT
(Version 2017-1)

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

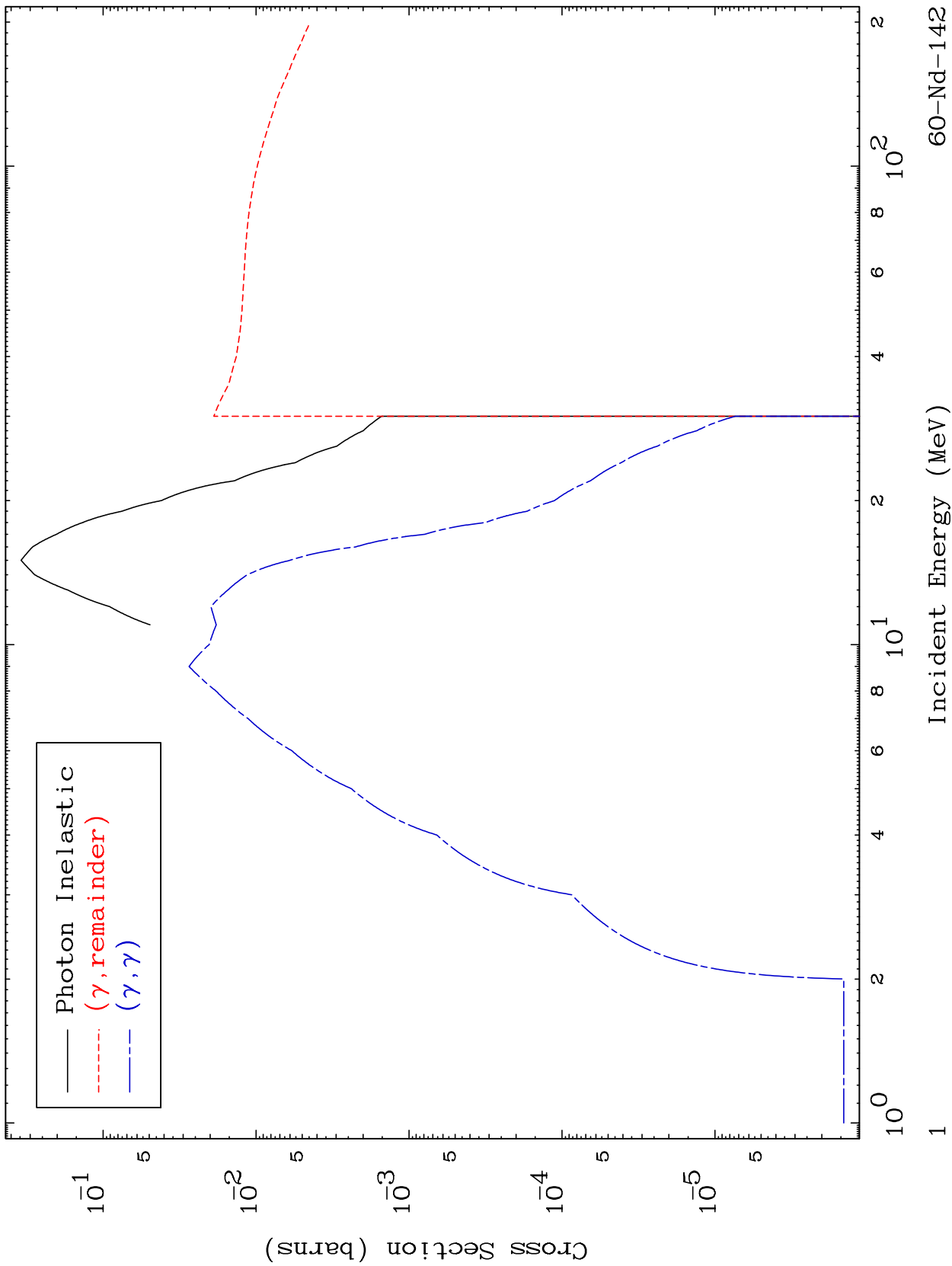
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6025

Photon Major
0 Kelvin Cross Sections

60-Nd-142



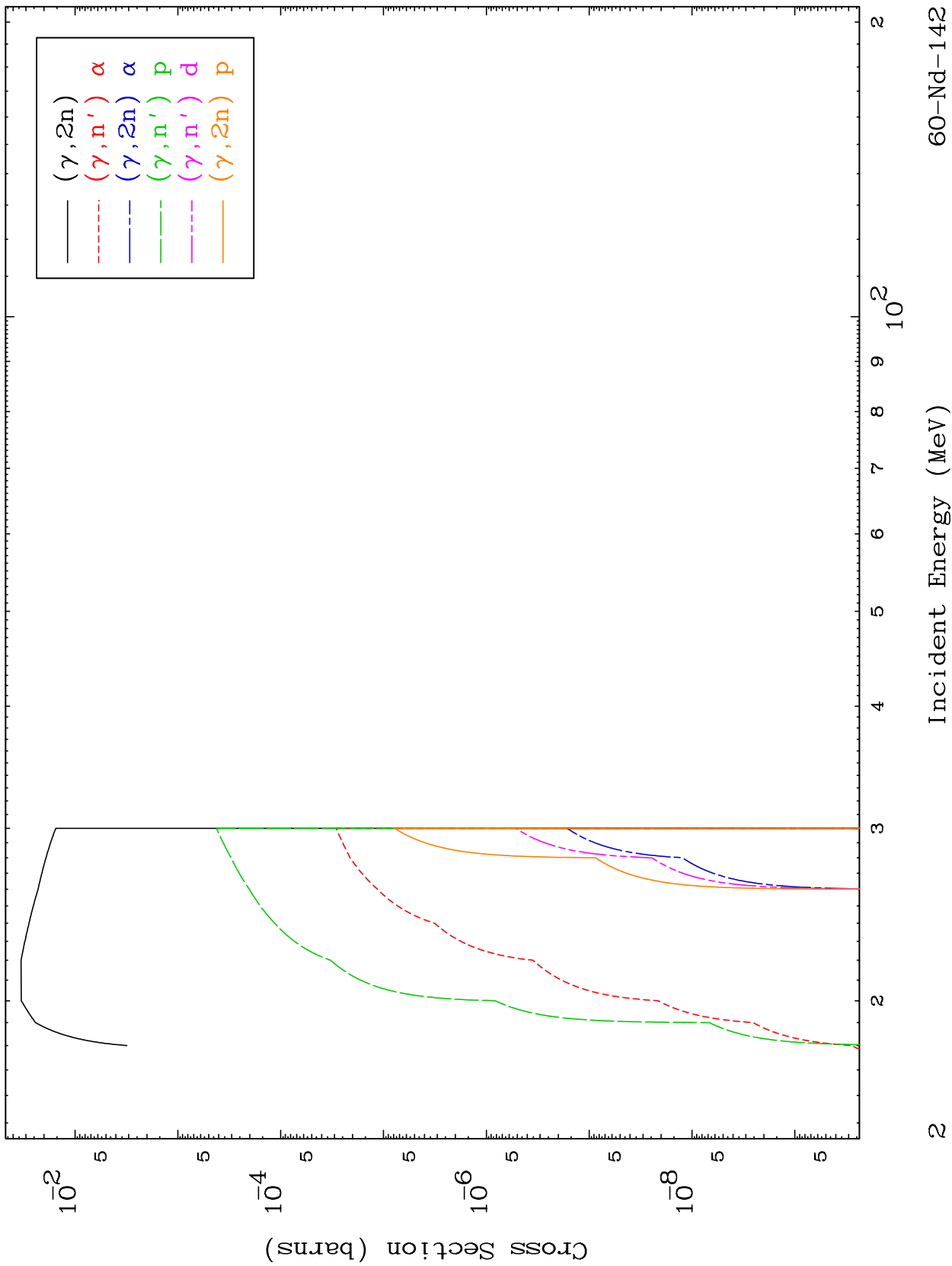
60-Nd-142

Incident Energy (MeV)

MAT 6025

Photon Neutron Production
0 Kelvin Cross Sections

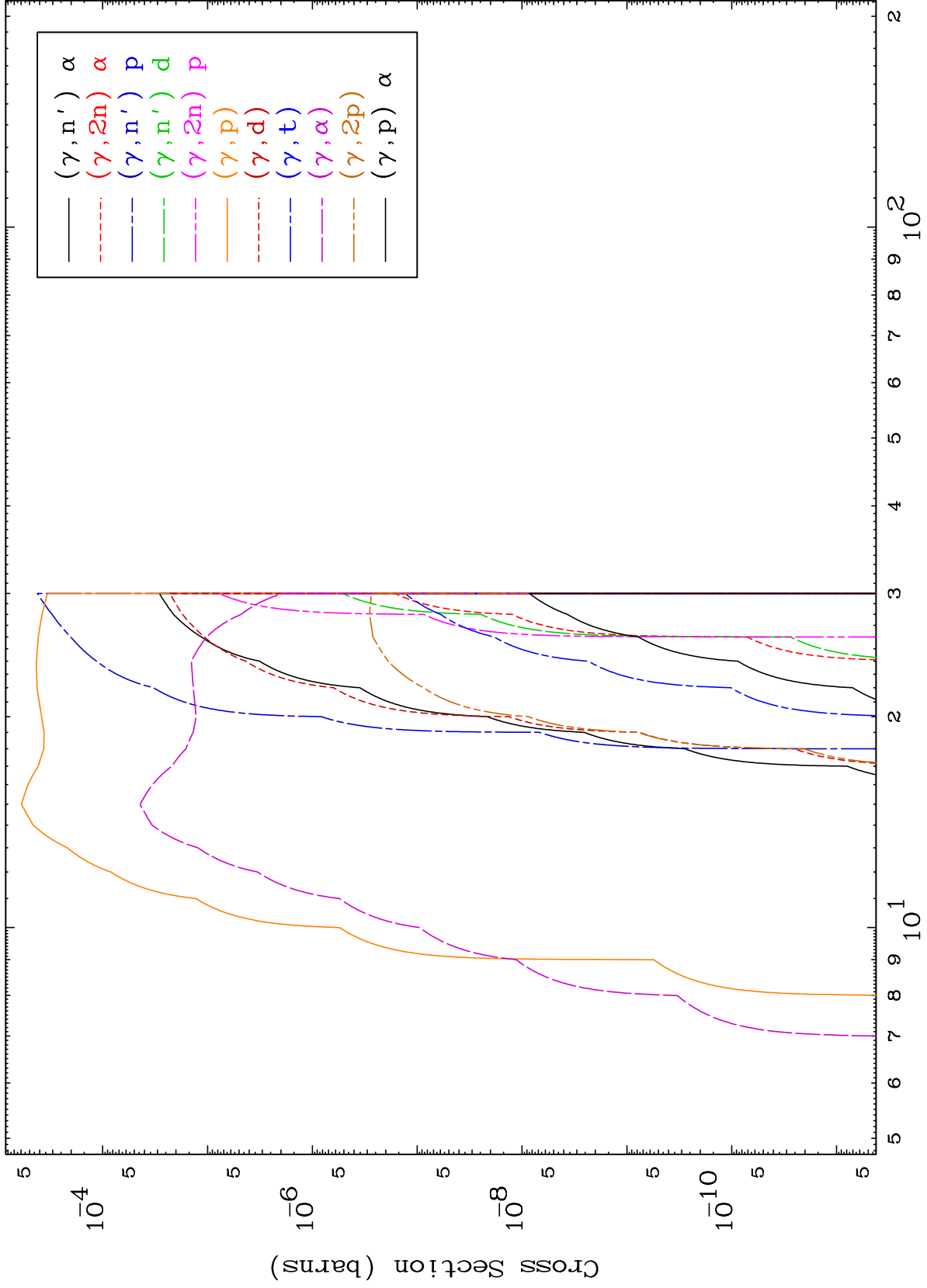
60-Nd-142



60-Nd-142

Incident Energy (MeV)

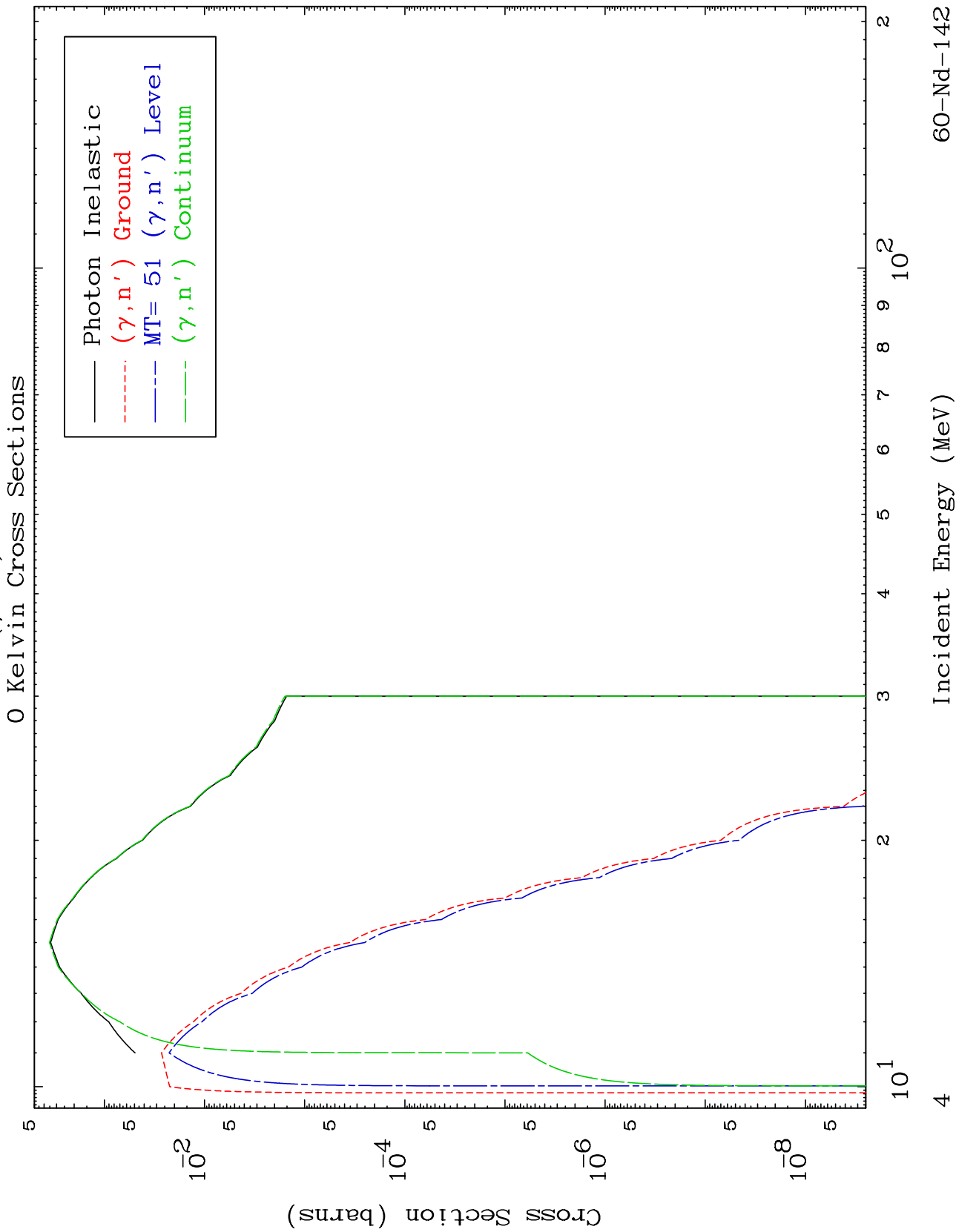
2



MAT 6025

(γ, n') Level

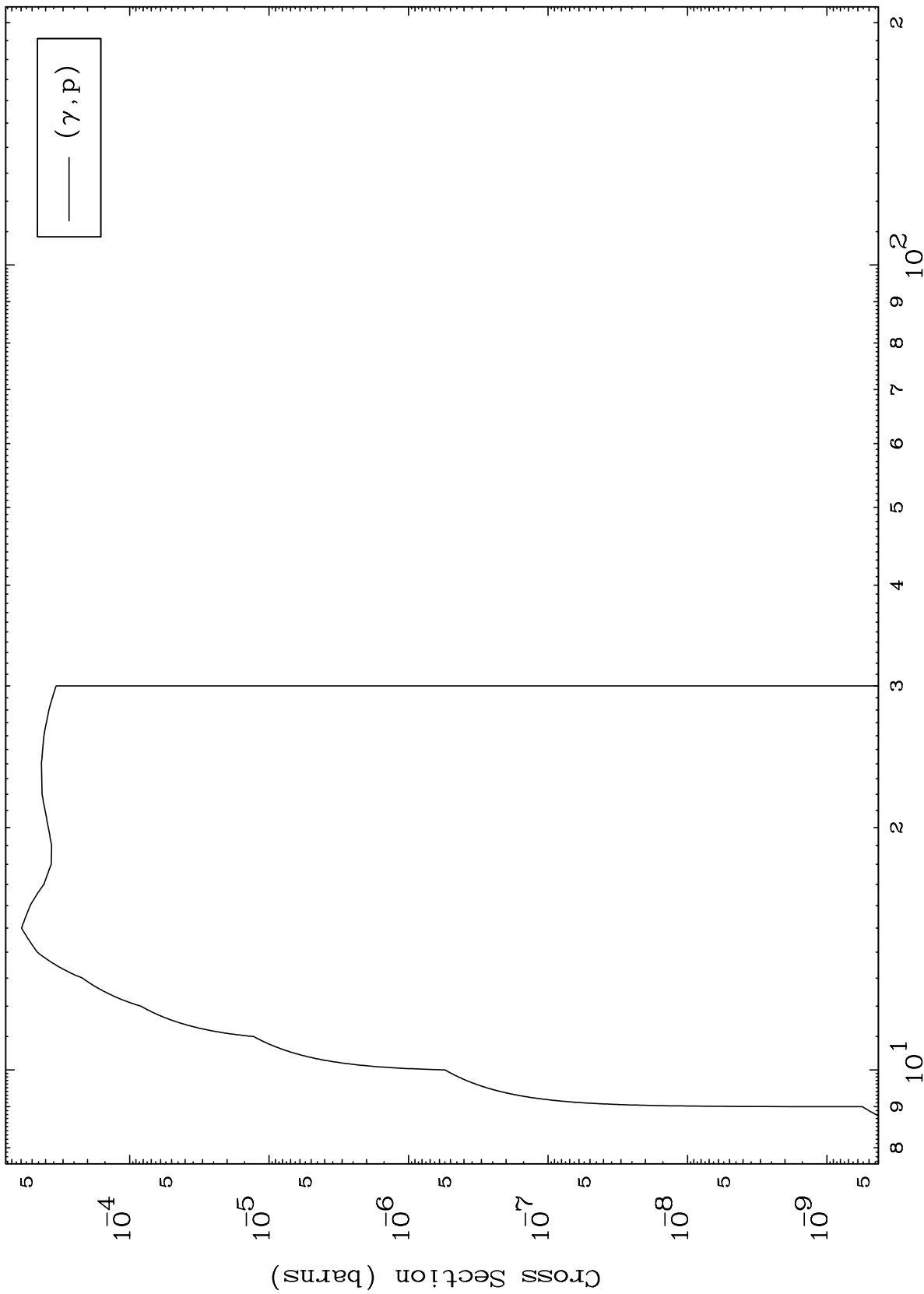
60-Nd-142



MAT 6025

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-142



Incident Energy (MeV)

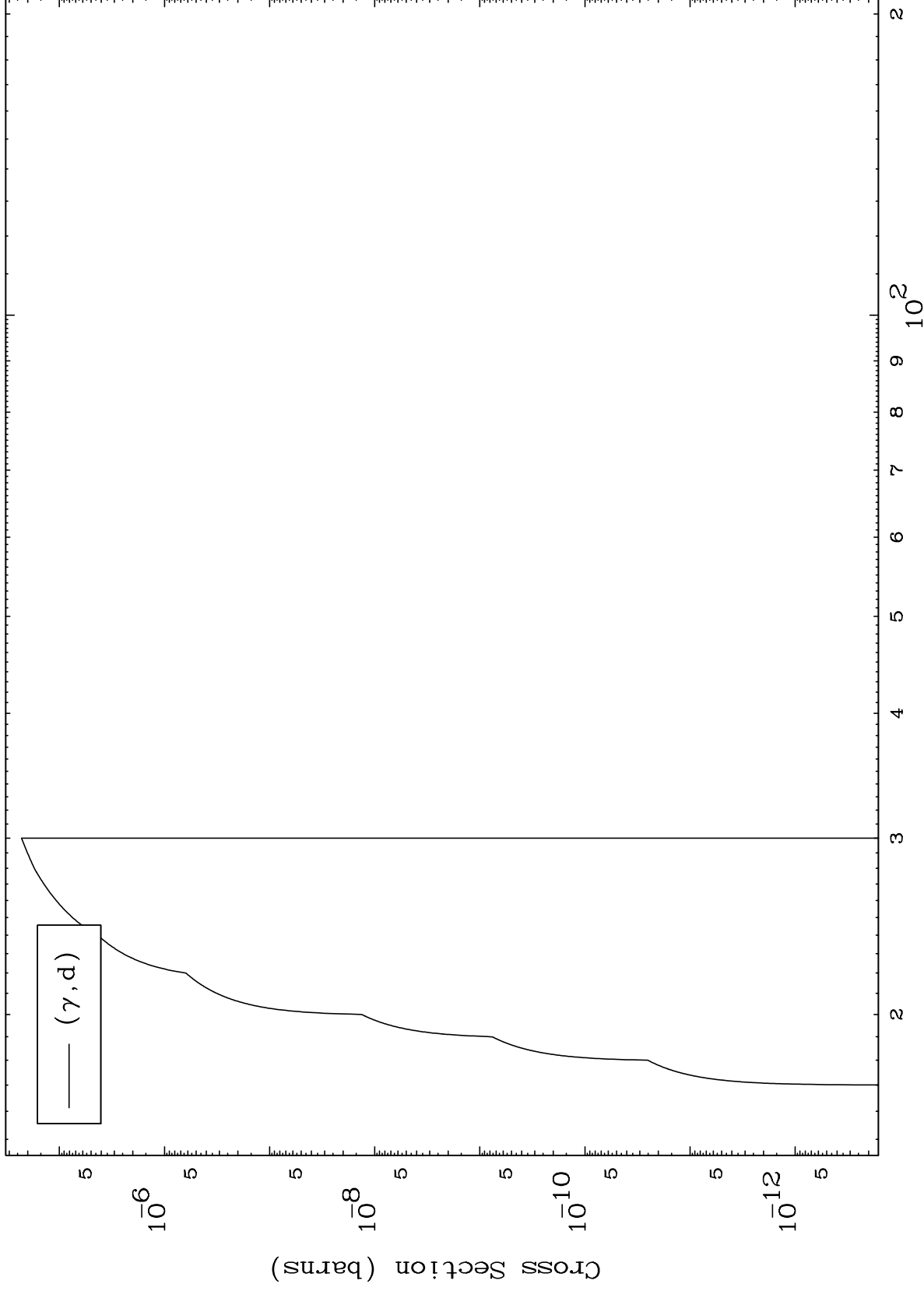
60-Nd-142

5

MAT 6025

(γ, d) Levels
0 Kelvin Cross Sections

60-Nd-142



6

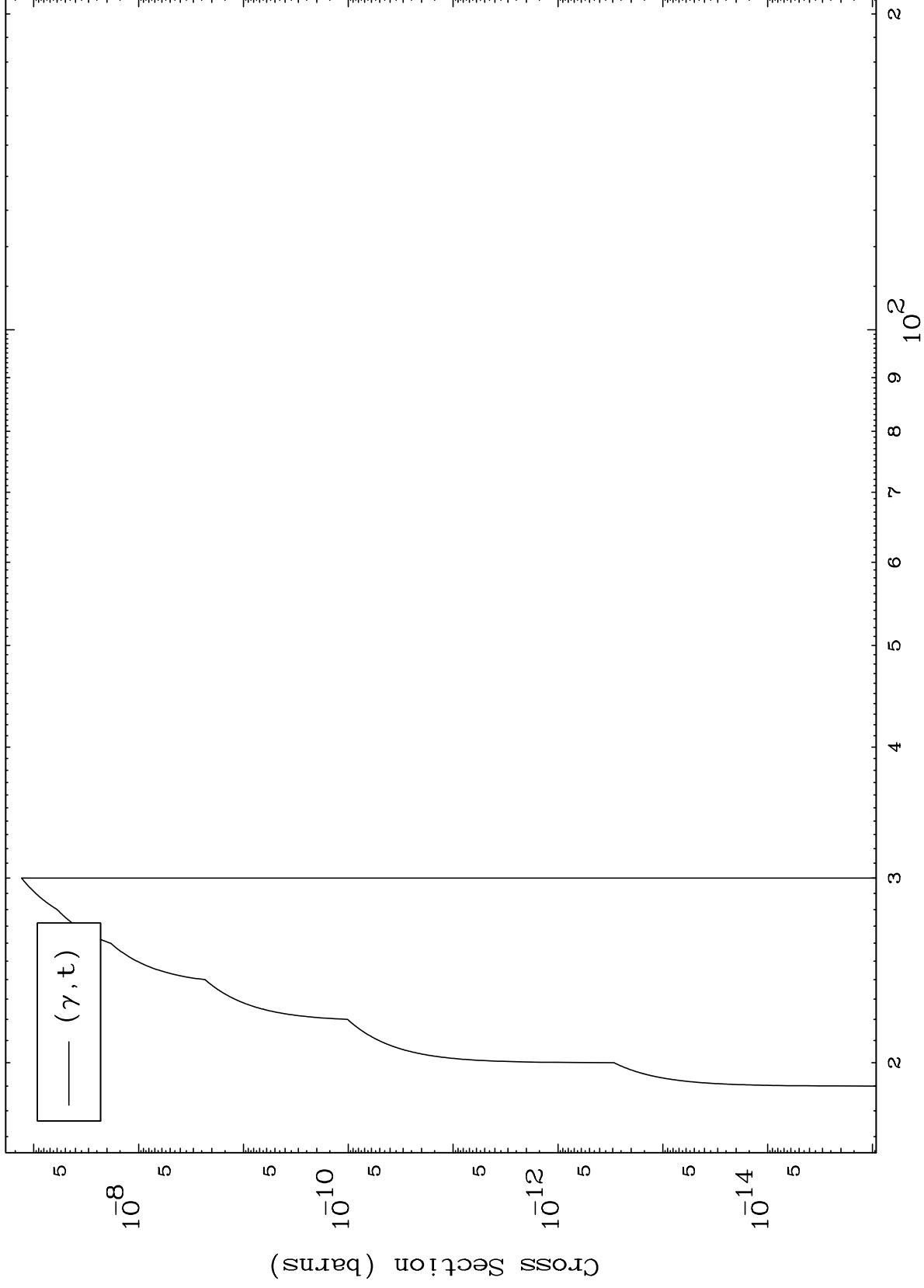
Incident Energy (MeV)

60-Nd-142

MAT 6025

(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-142



7

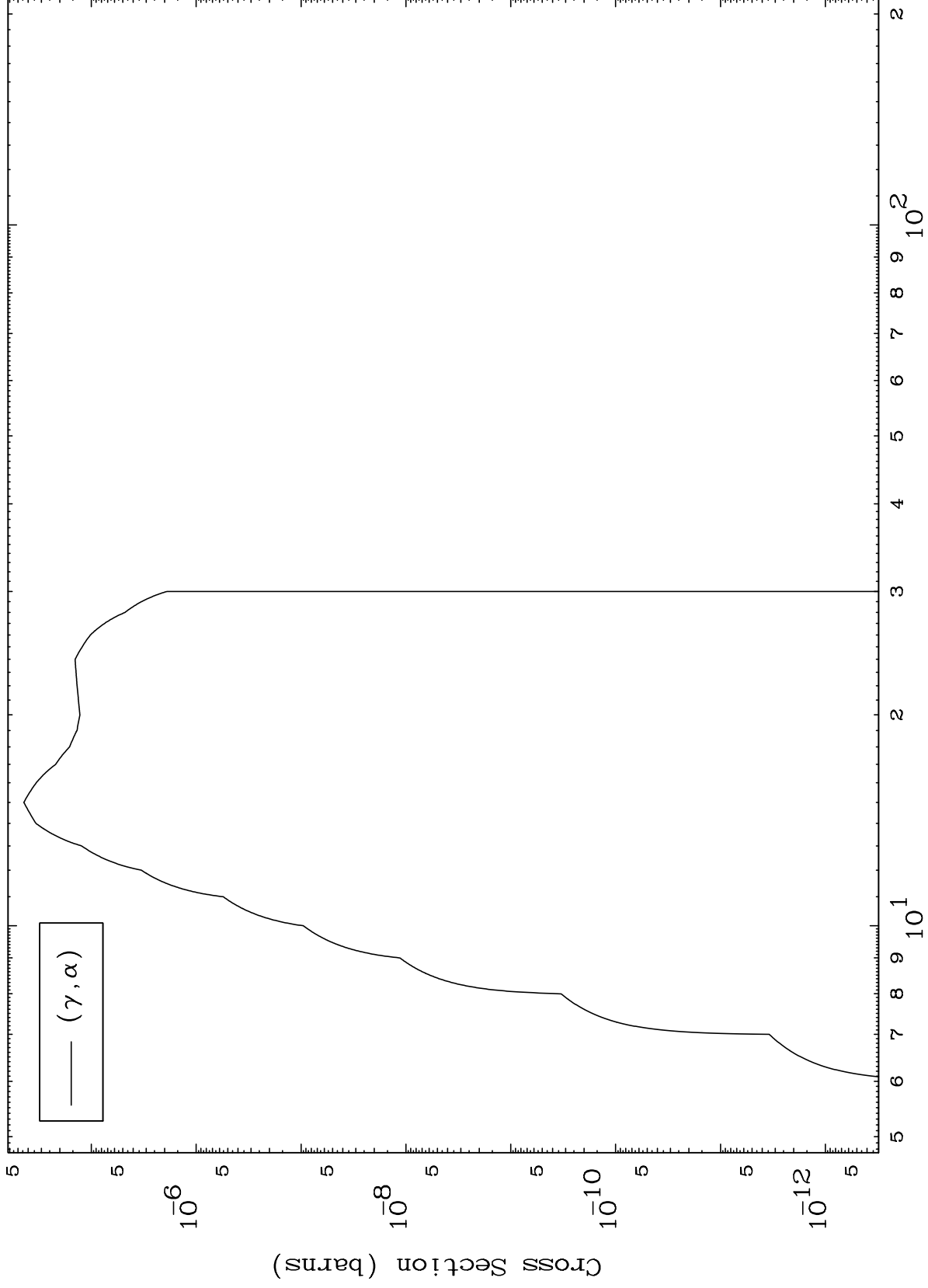
Incident Energy (MeV)

60-Nd-142

MAT 6025

(γ, α) Levels
0 Kelvin Cross Sections

60-Nd-142



8

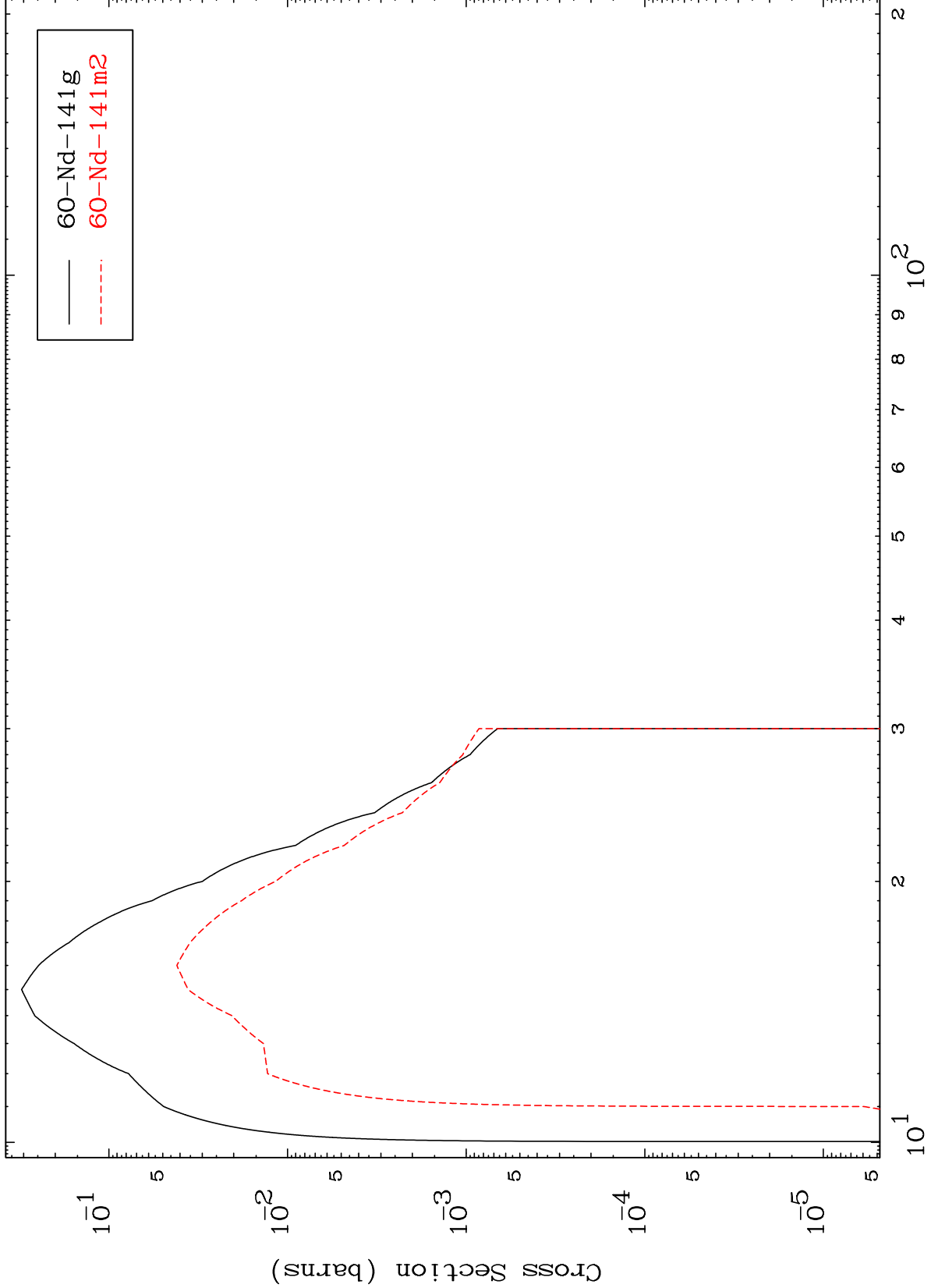
Incident Energy (MeV)

60-Nd-142

MAT 6025

Photon Inelastic
Radionuclide Production Cross Section

60-Nd-142



60-Nd-141g
60-Nd-141m2

Incident Energy (MeV)

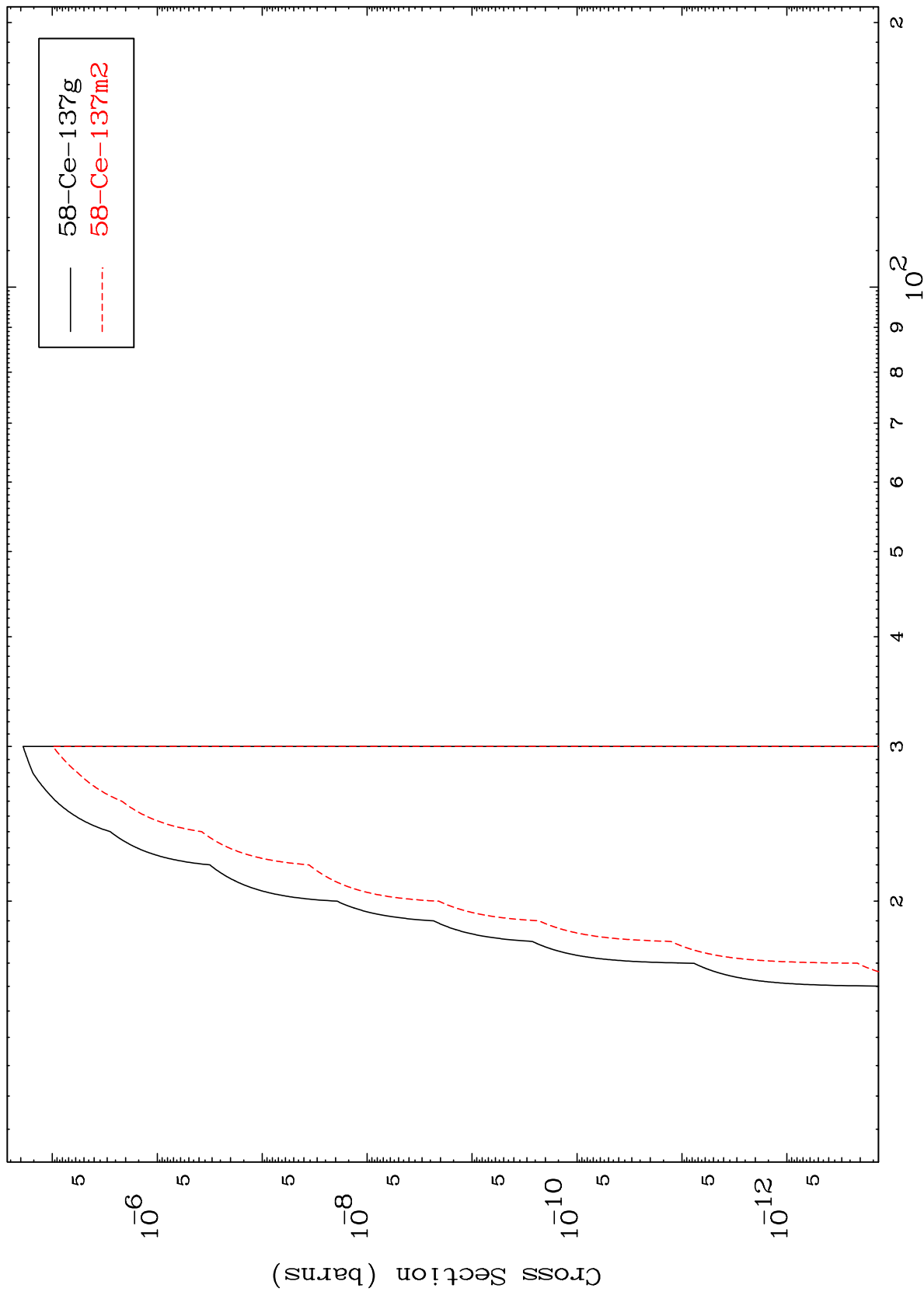
60-Nd-142

MAT 6025

60-Nd-142

(γ, n') α

Radionuclide Production Cross Section



10

Incident Energy (MeV)

60-Nd-142