

Program EVALPLOT
(Version 2018-1)

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

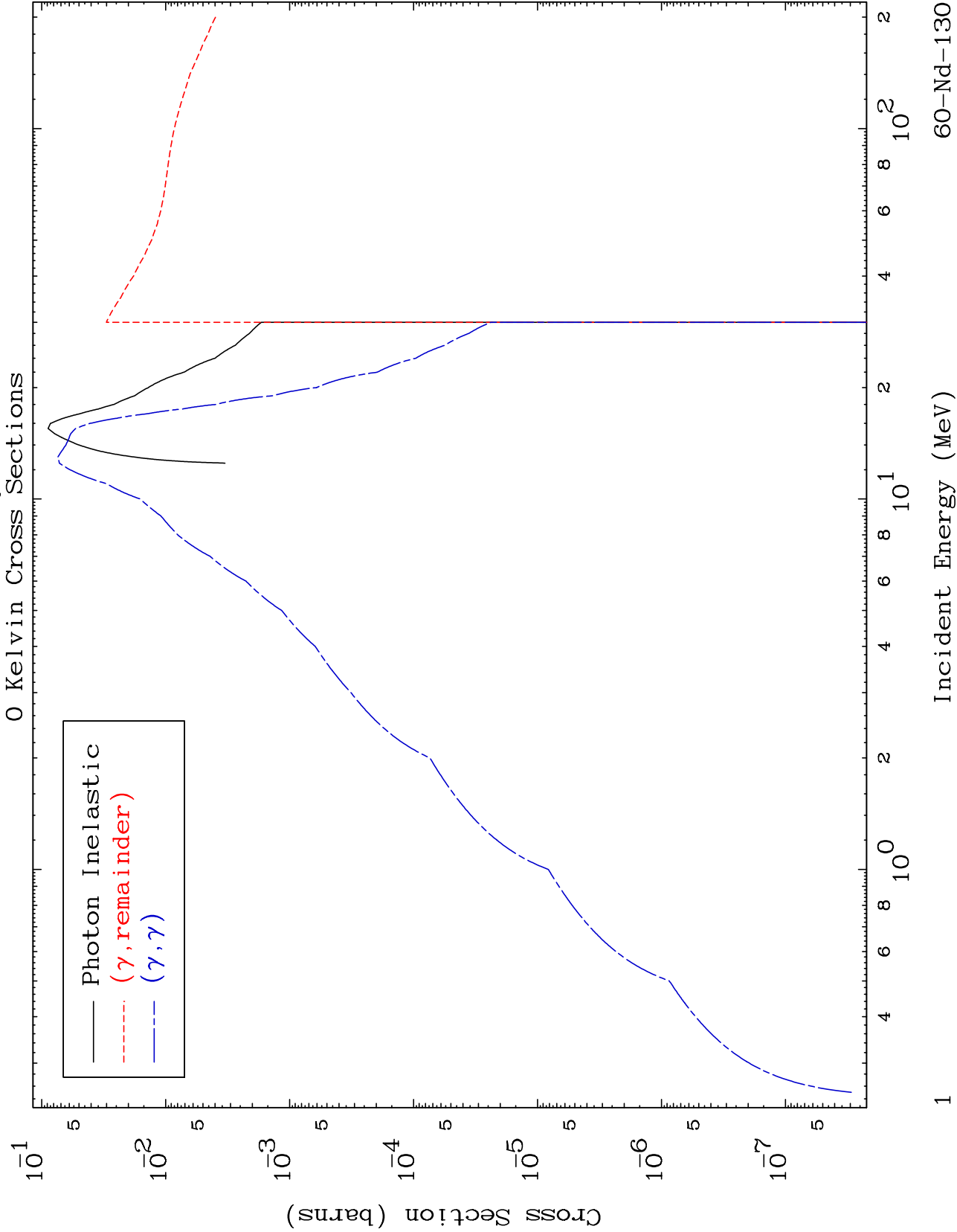
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

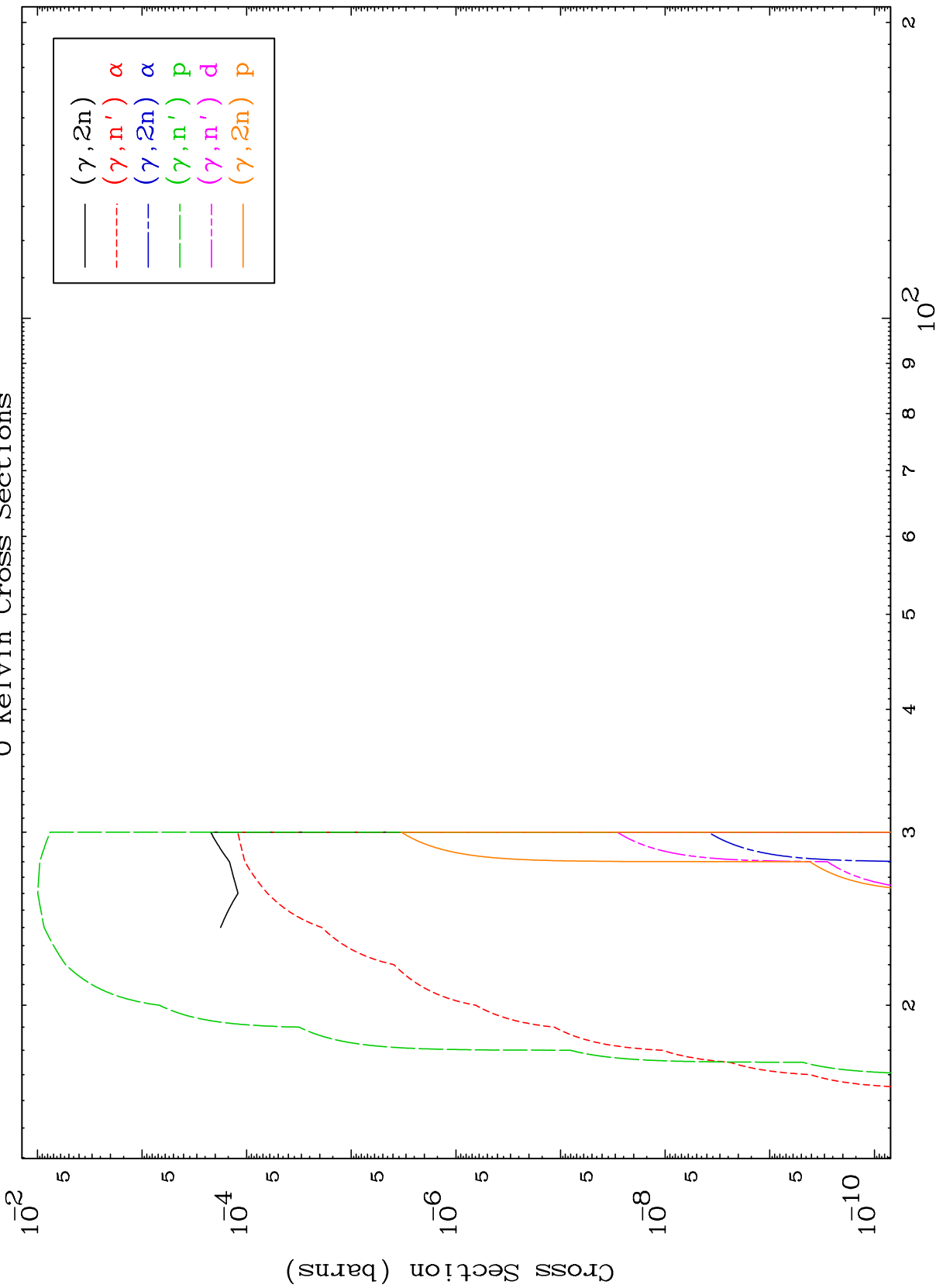
MAT 5989

Photon Major

60-Nd-130



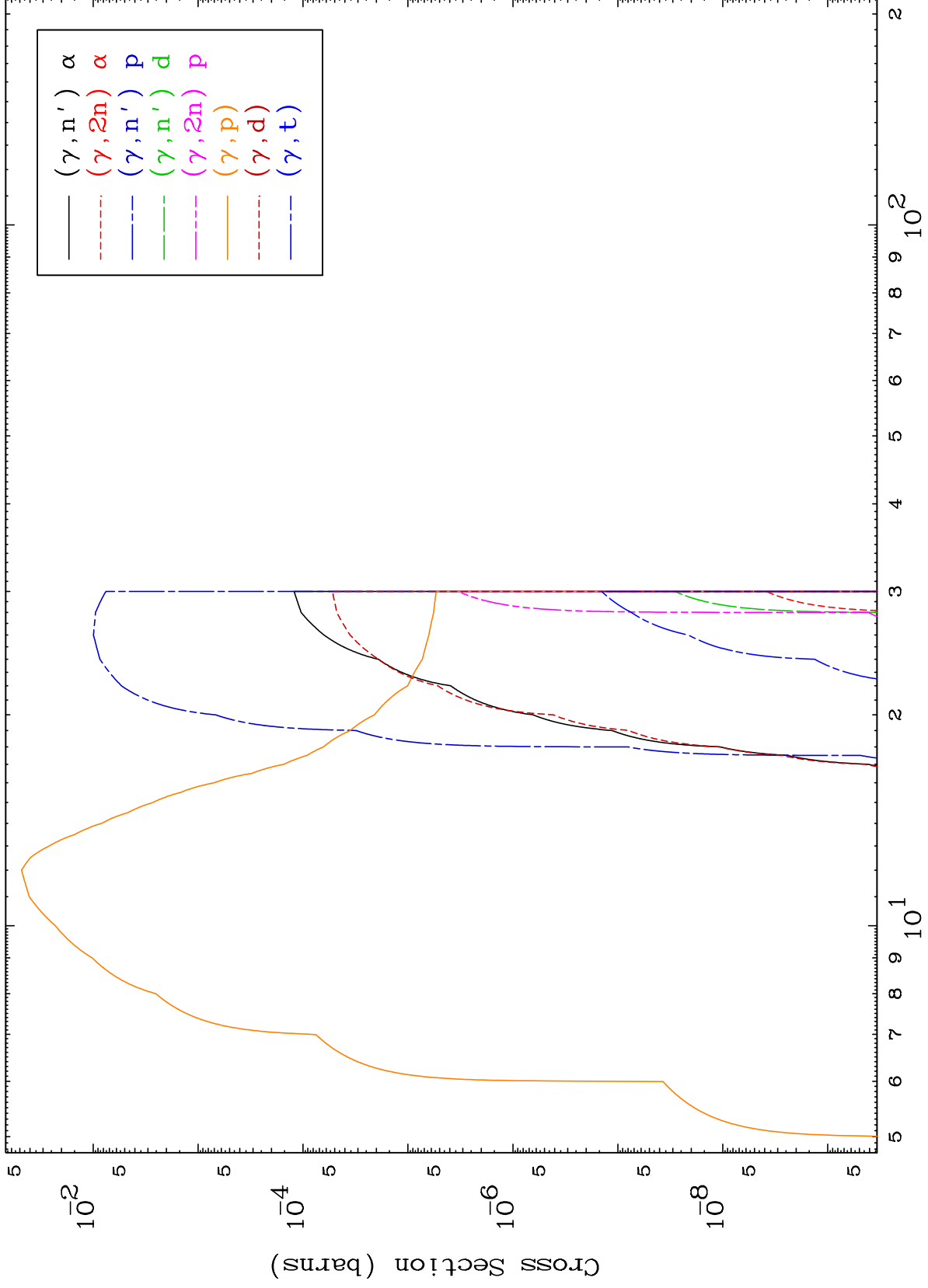
Photon Inelastic
(γ , remainder)
(γ , γ)



MAT 5989

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-130



3

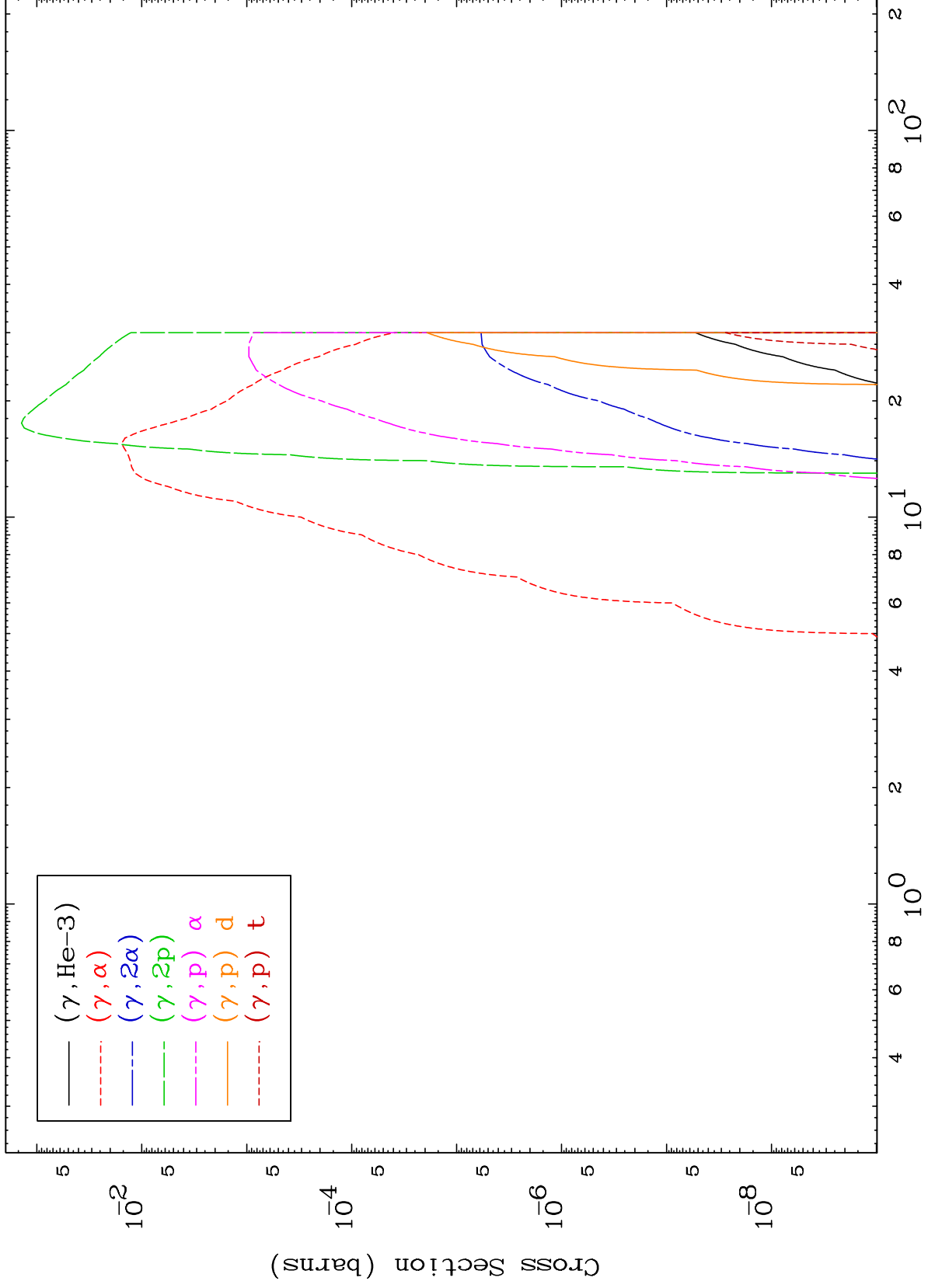
Incident Energy (MeV)

60-Nd-130

MAT 5989

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-130

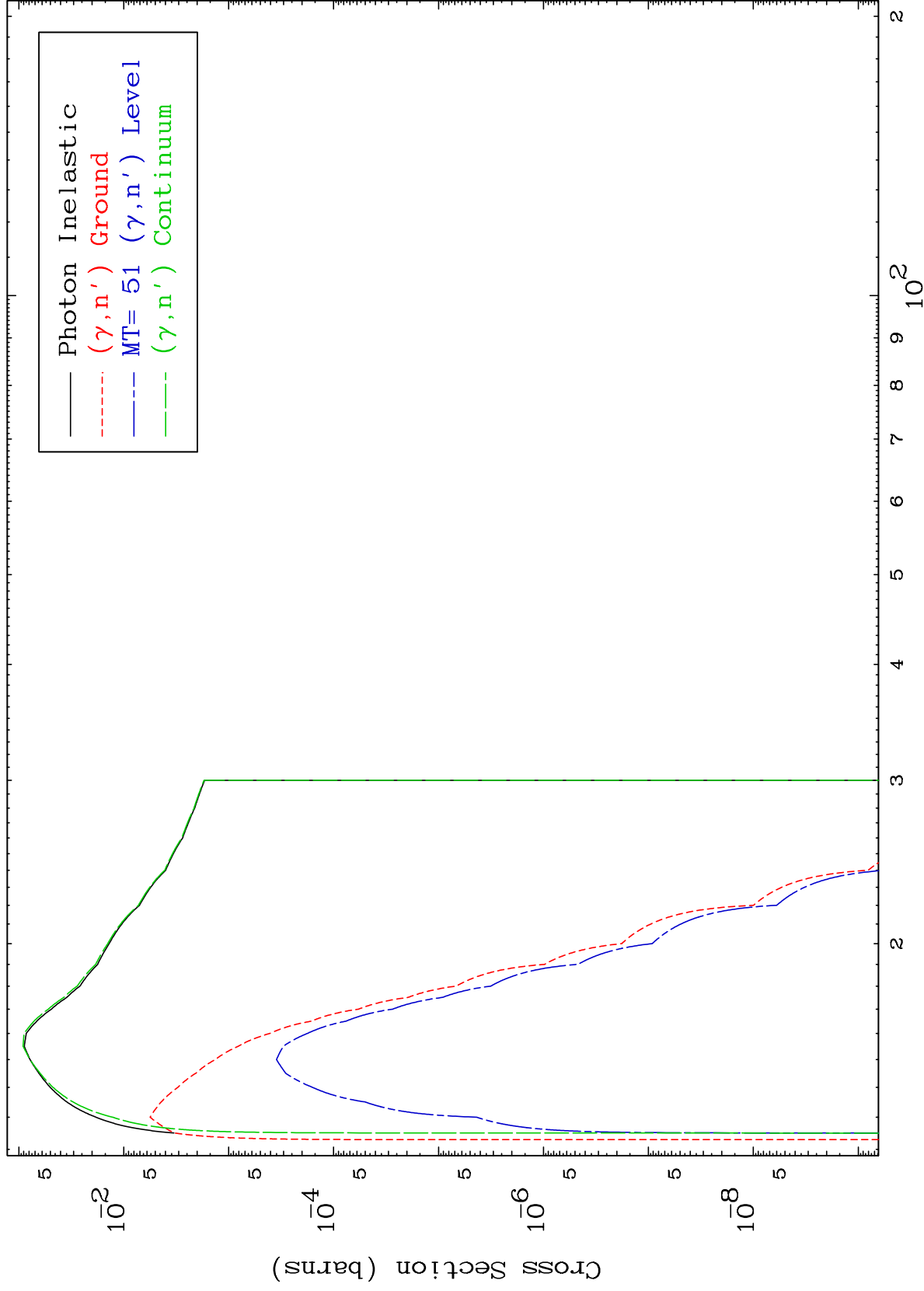


MAT 5989

(γ, n') Level

60-Nd-130

0 Kelvin Cross Sections



Incident Energy (MeV)

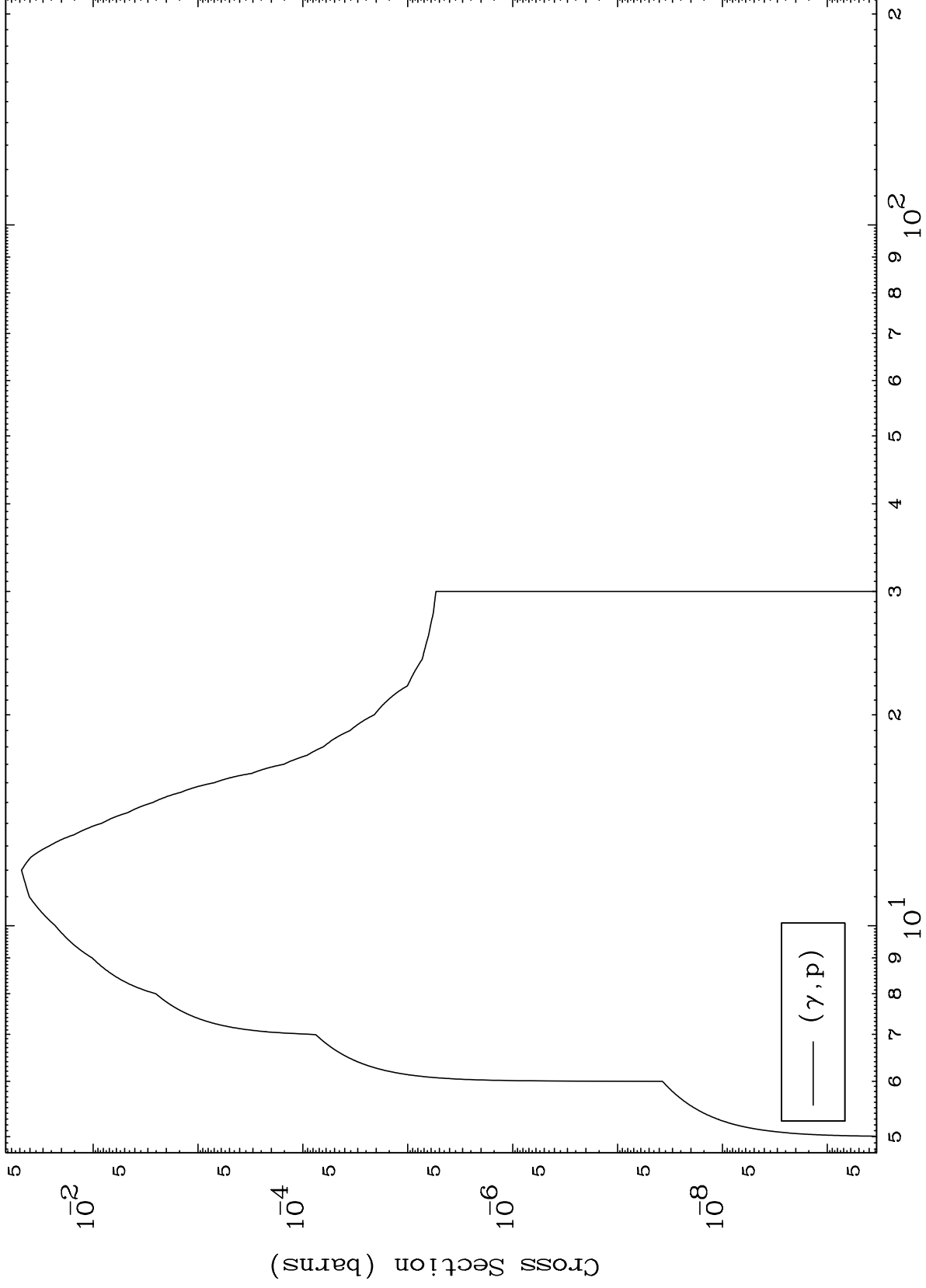
60-Nd-130

5

MAT 5989

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-130



6

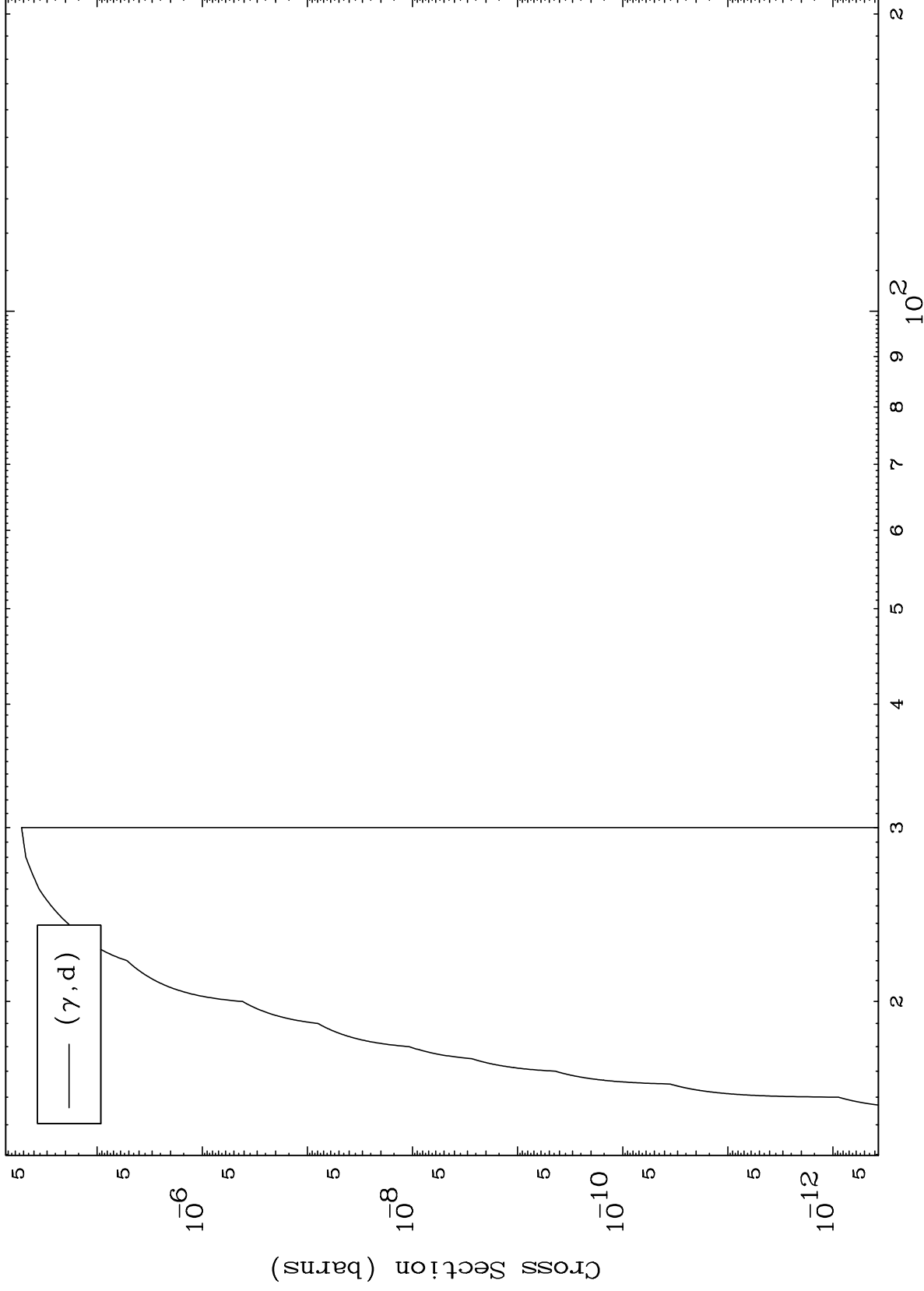
Incident Energy (MeV)

60-Nd-130

MAT 5989

(γ, d) Levels
0 Kelvin Cross Sections

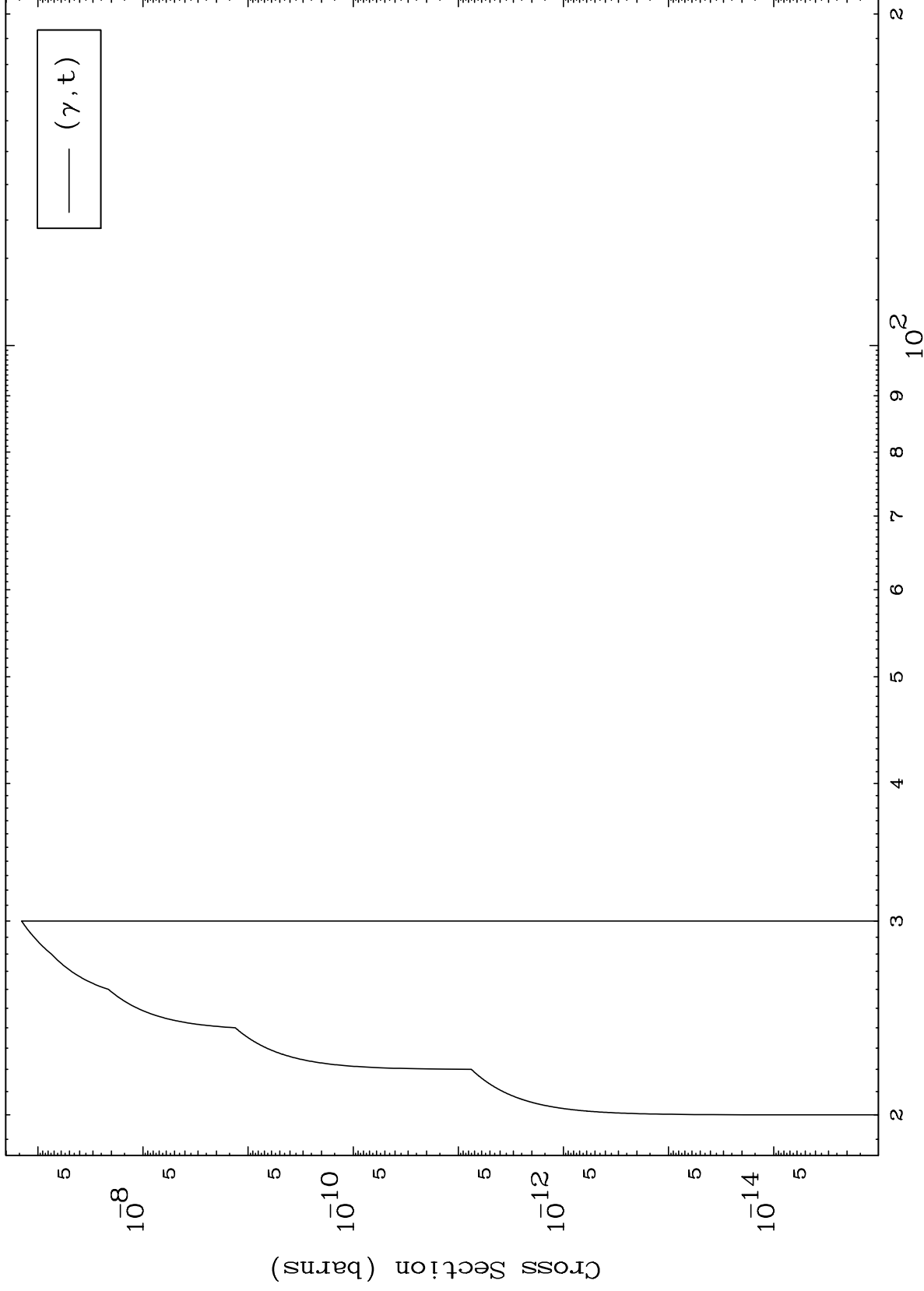
60-Nd-130



MAT 5989

(γ, t) Levels
0 Kelvin Cross Sections

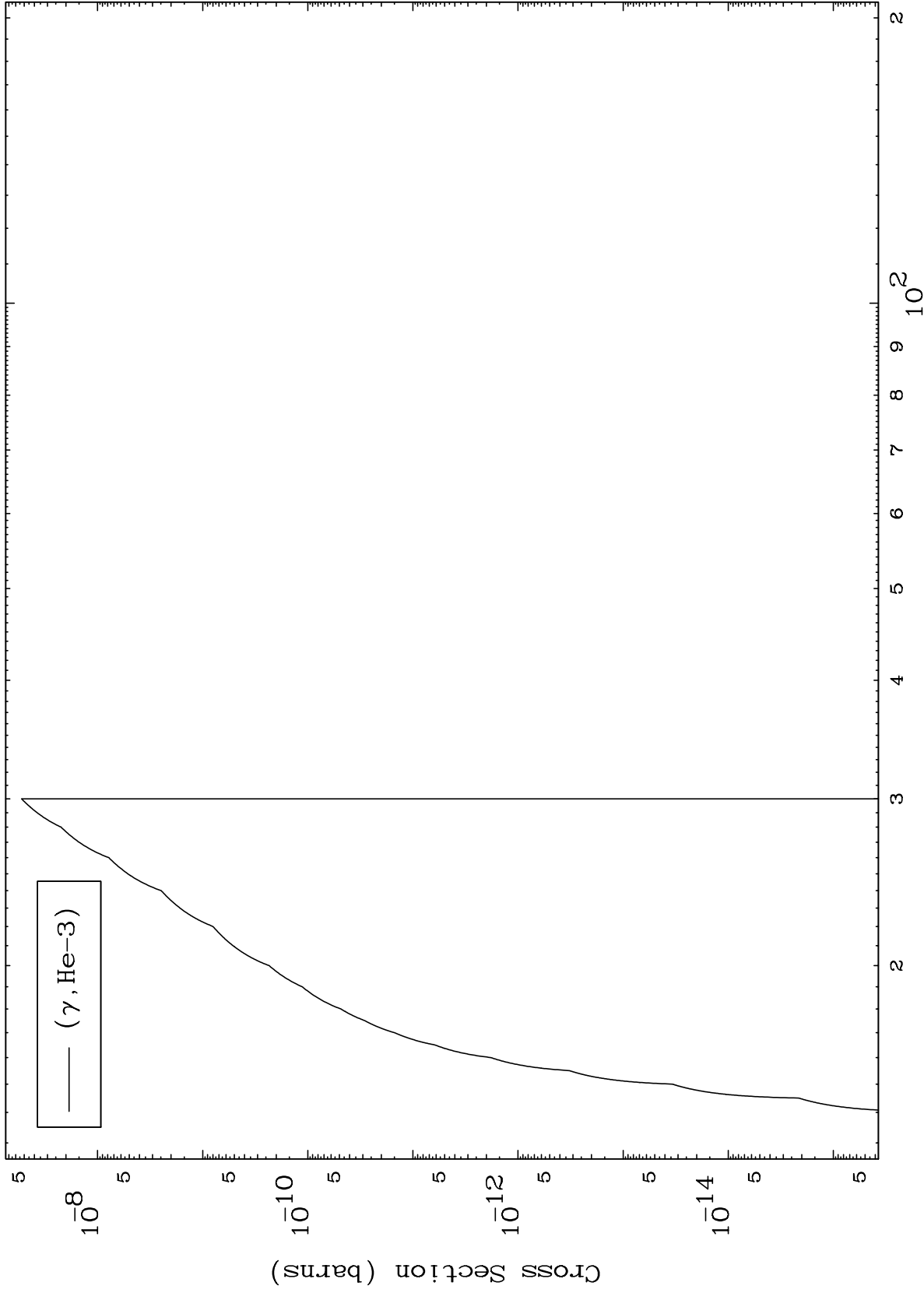
60-Nd-130



8

Incident Energy (MeV)

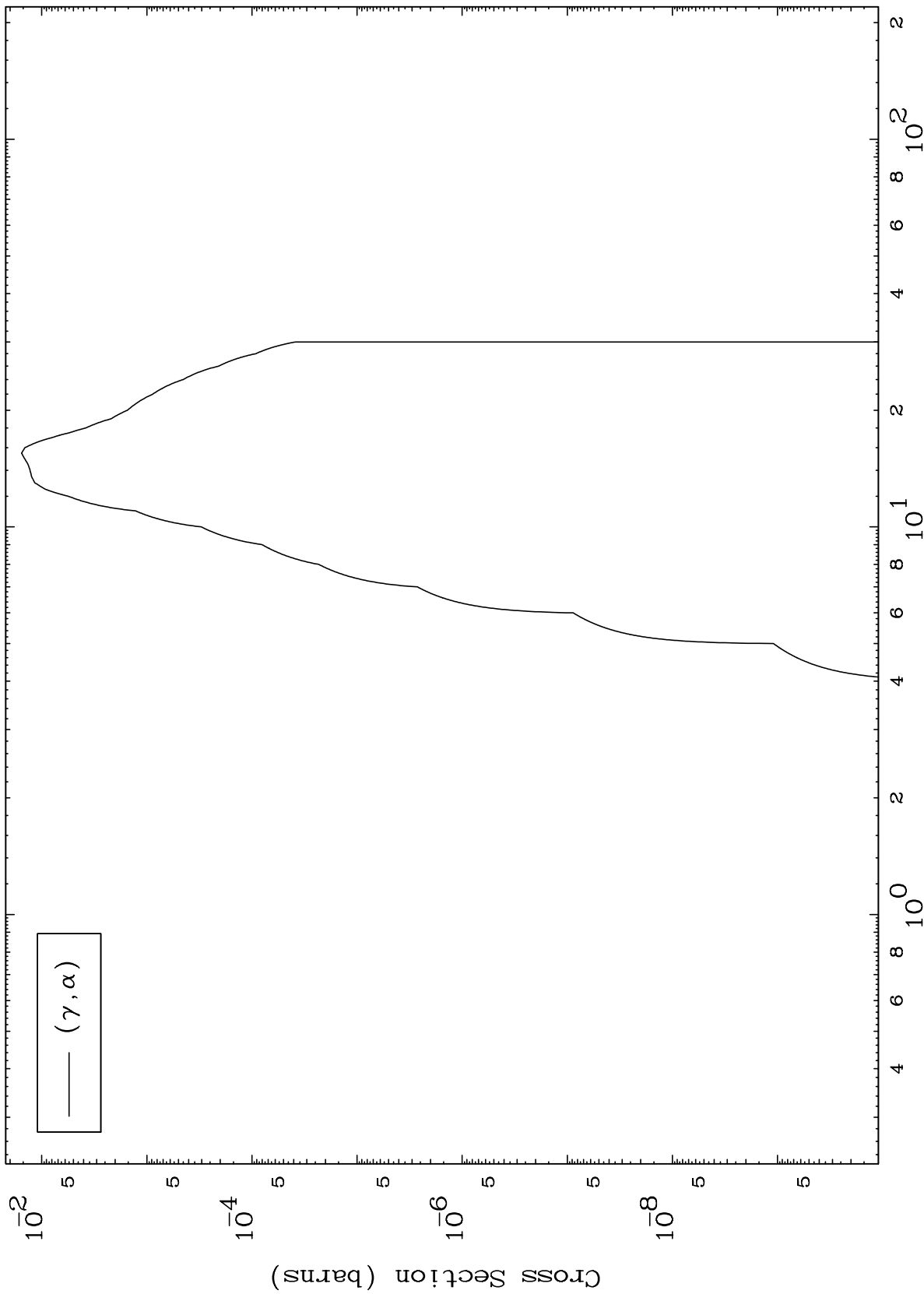
60-Nd-130



MAT 5989

60-Nd-130

(γ, α) Levels
0 Kelvin Cross Sections

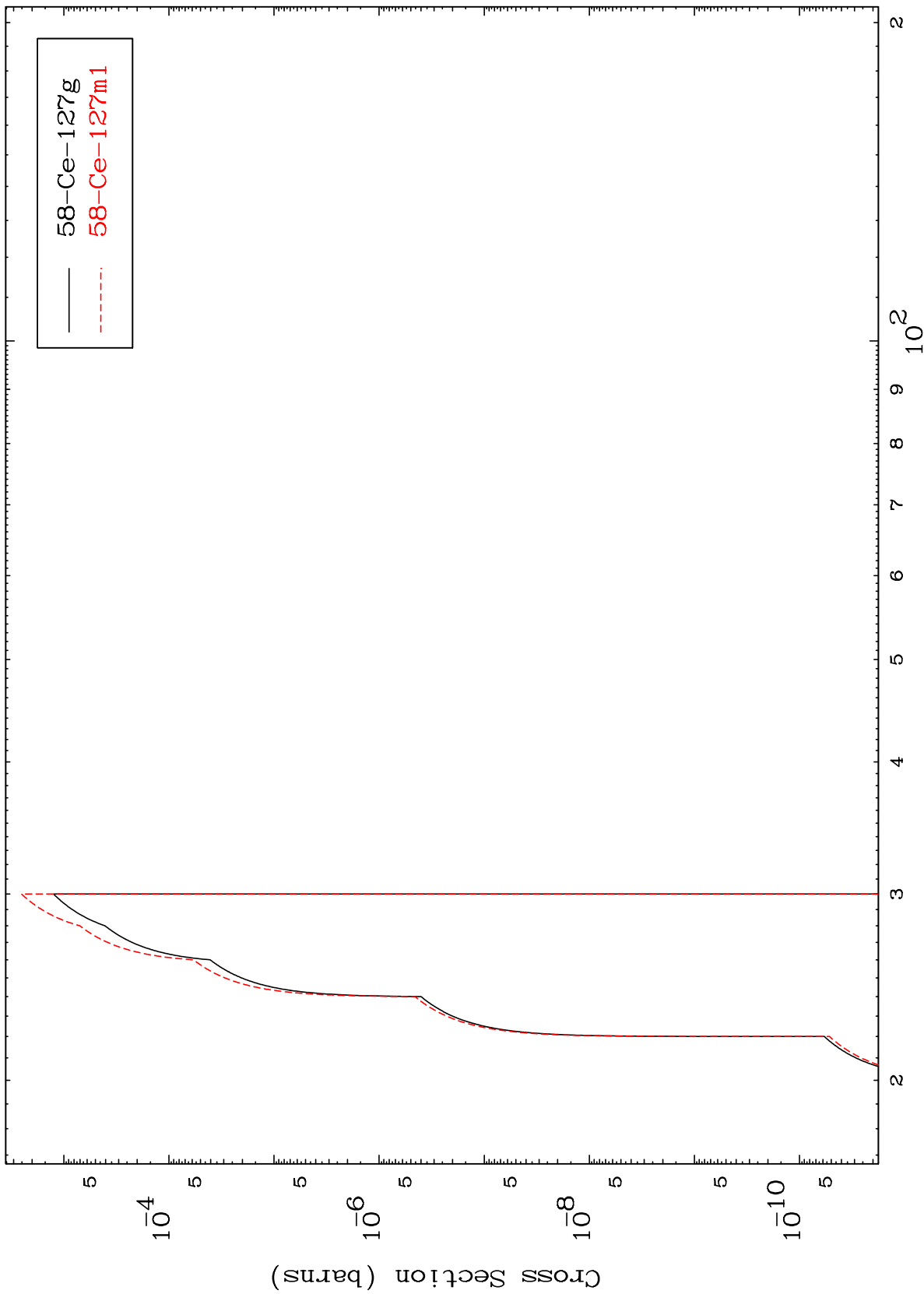


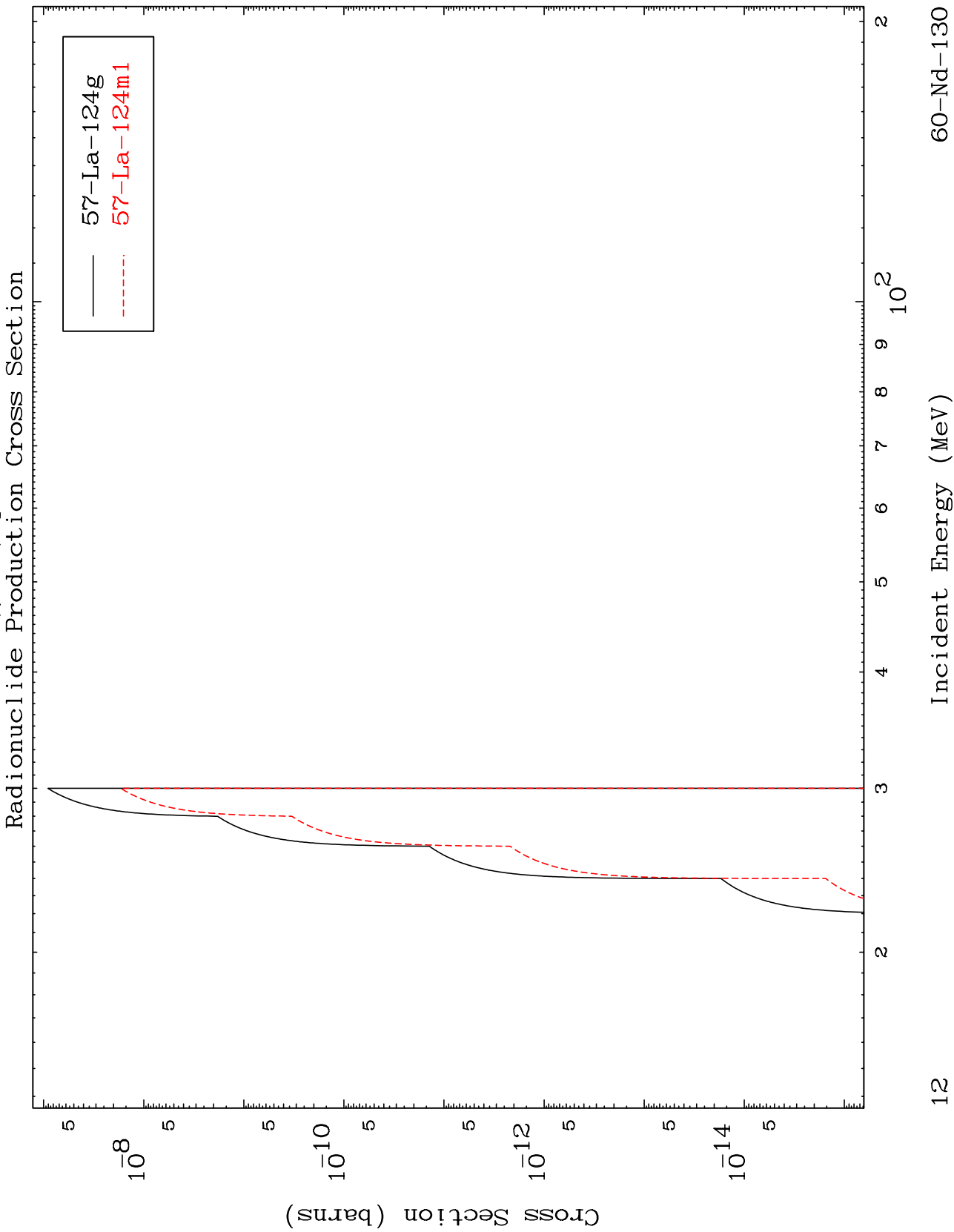
10

Incident Energy (MeV)

60-Nd-130

Radionuclide Production Cross Section



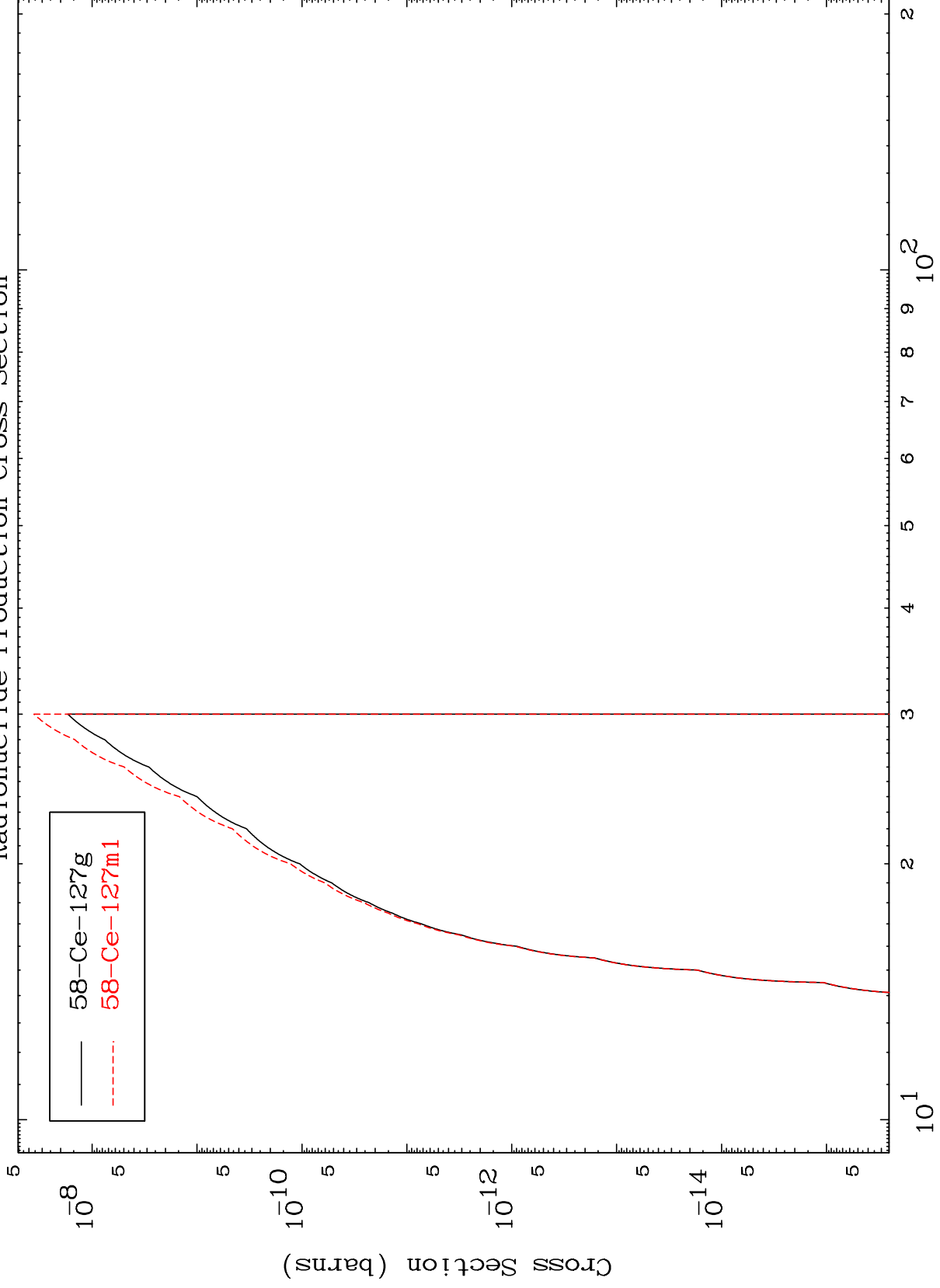


MAT 5989

($\gamma, \text{He-3}$)

60-Nd-130

Radionuclide Production Cross Section



13

Incident Energy (MeV)

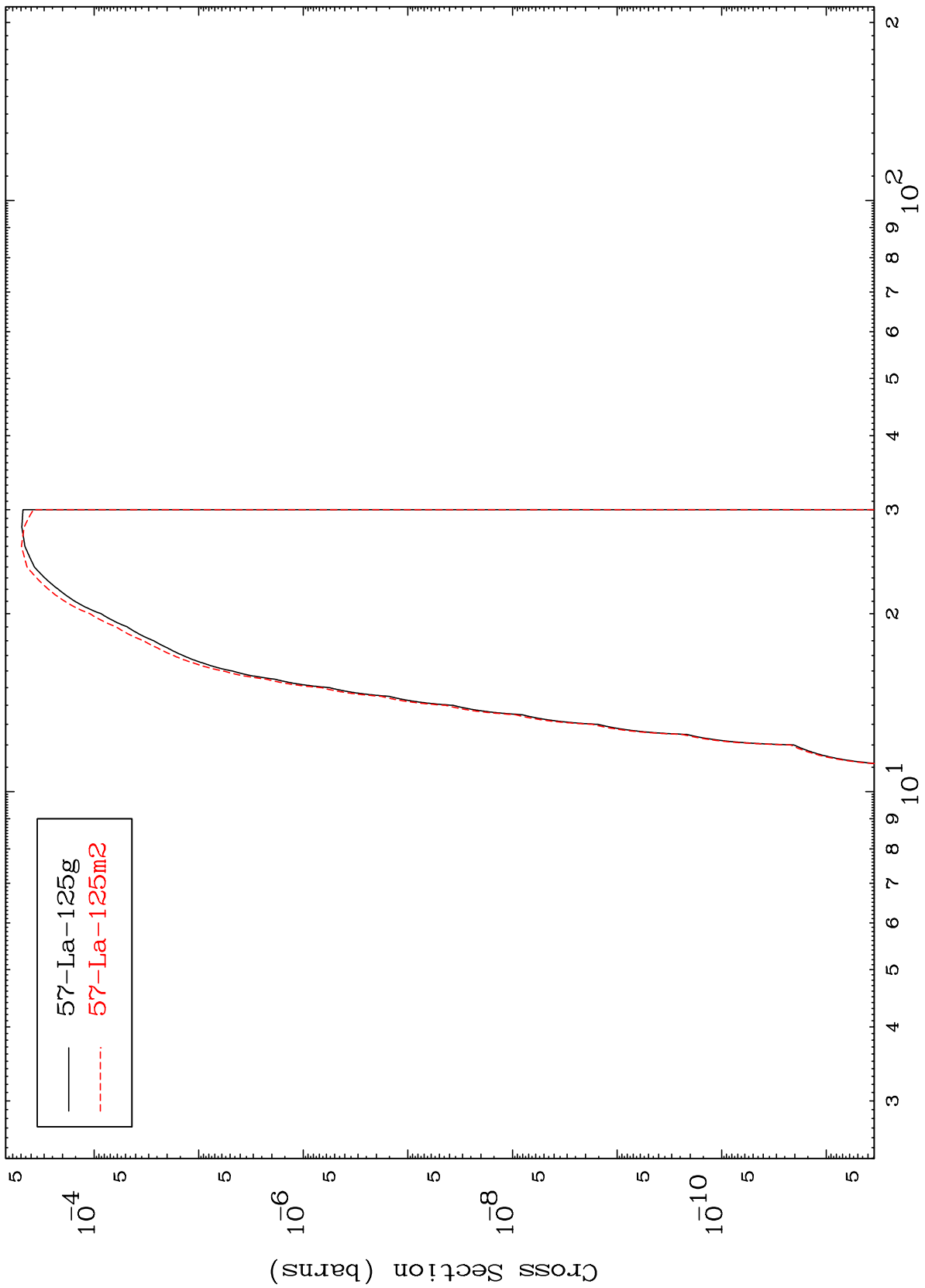
60-Nd-130

MAT 5989

(γ, p) α

60-Nd-130

Radionuclide Production Cross Section



— 57-La-125g
- - - 57-La-125m2

14

Incident Energy (MeV)

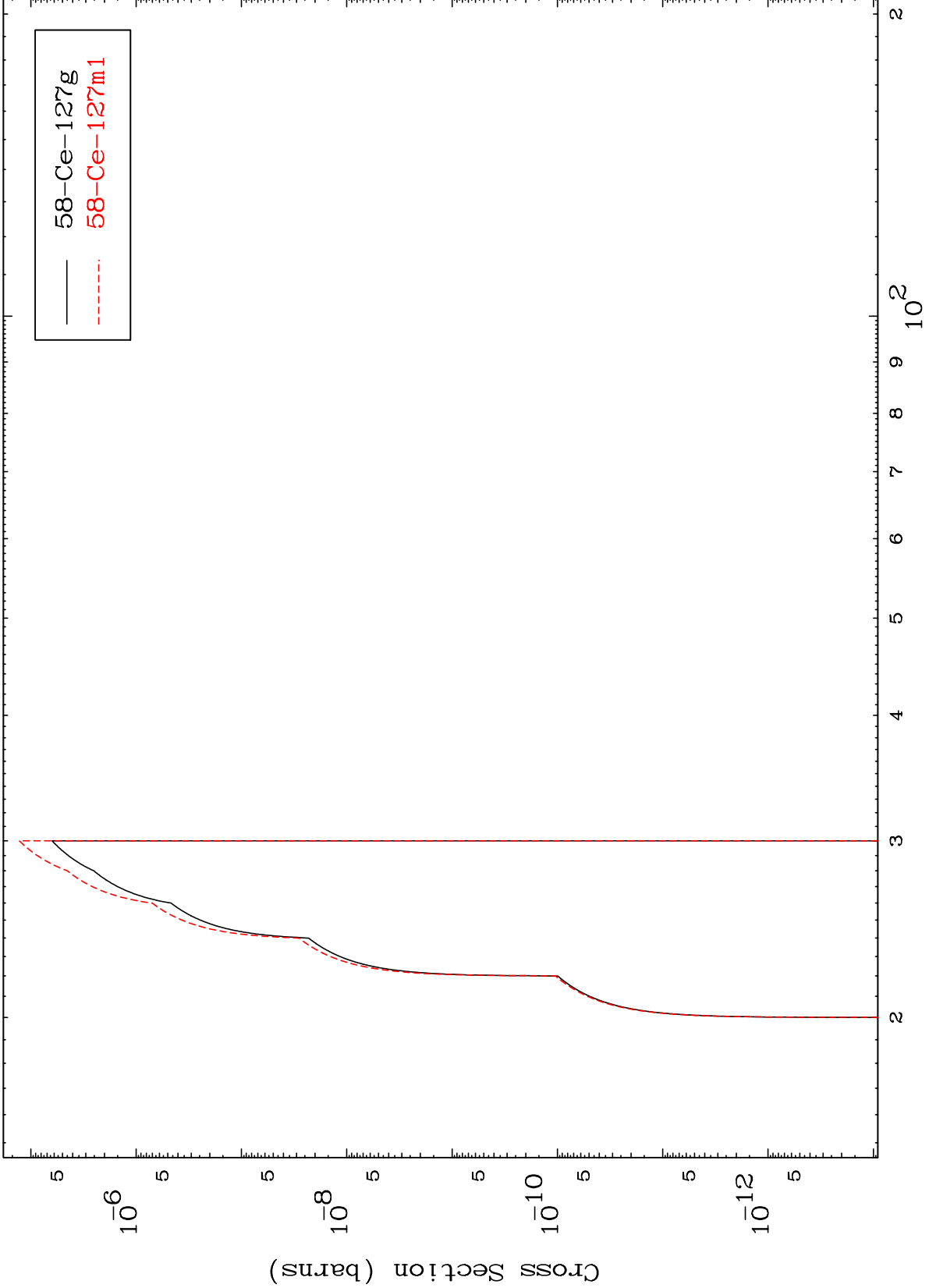
60-Nd-130

MAT 5989

(γ, p) d

60-Nd-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-130