

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

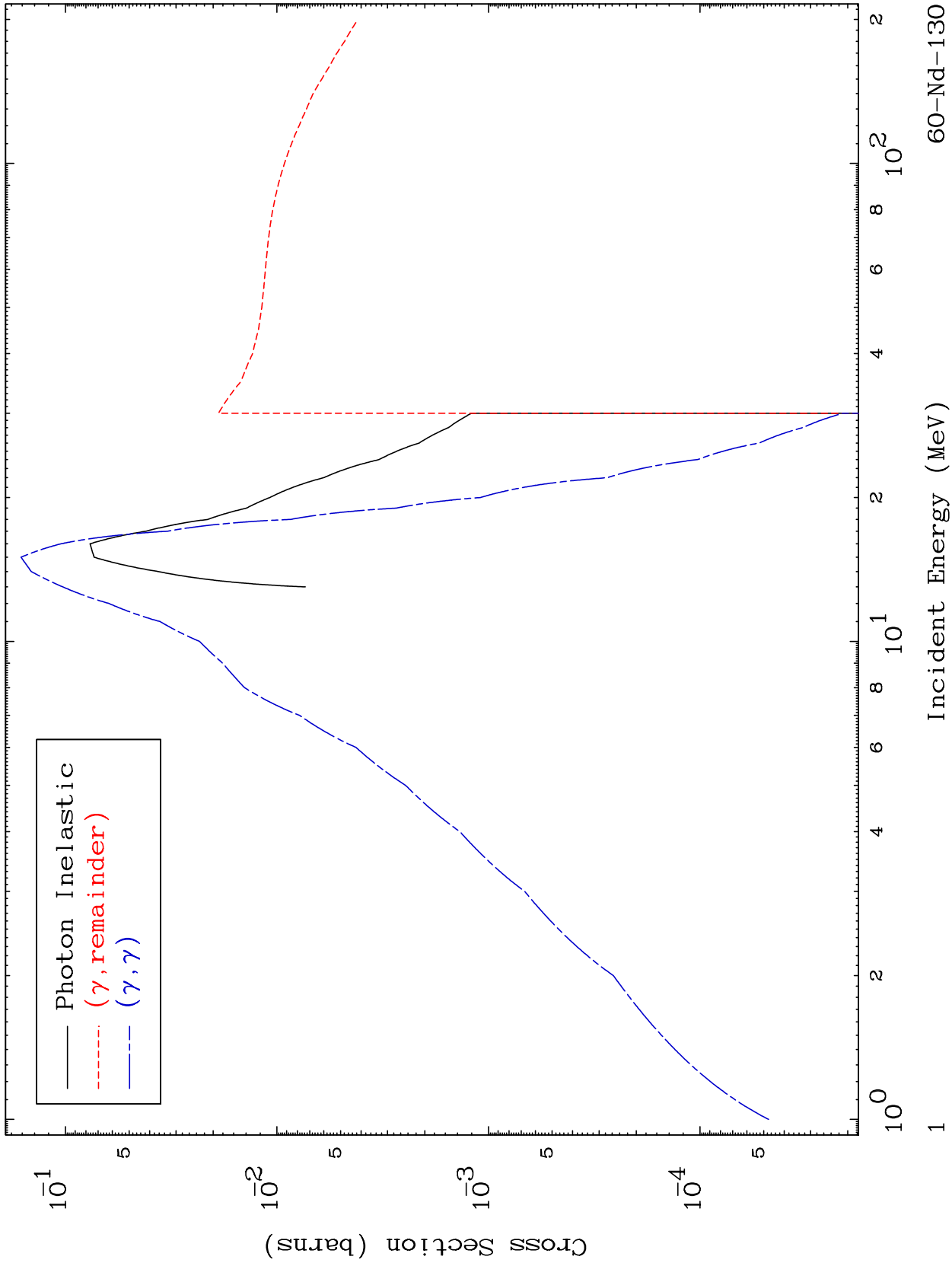
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5989

Photon Major
0 Kelvin Cross Sections

60-Nd-130

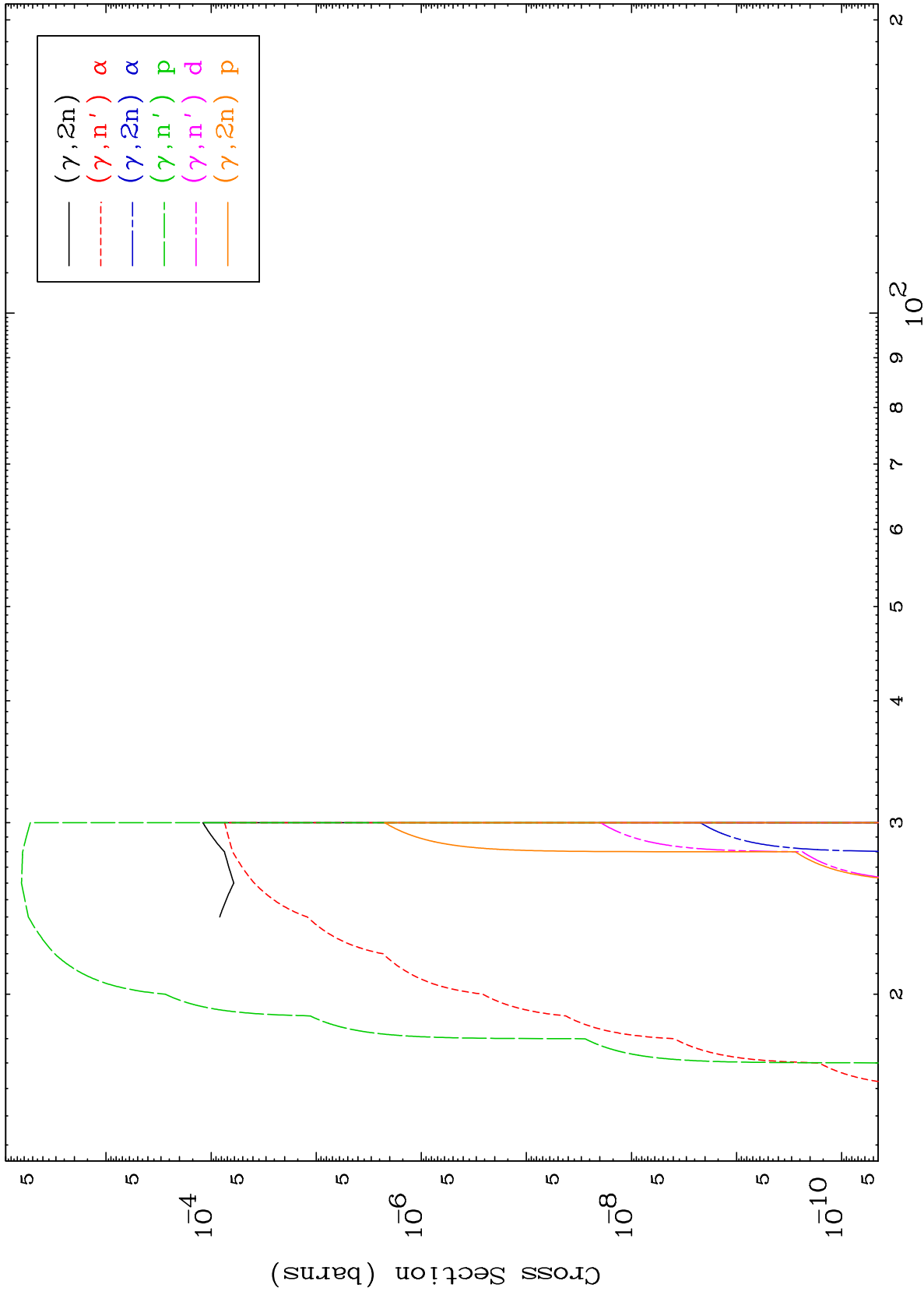


60-Nd-130

MAT 5989

Photon Neutron Production
0 Kelvin Cross Sections

60-Nd-130



2

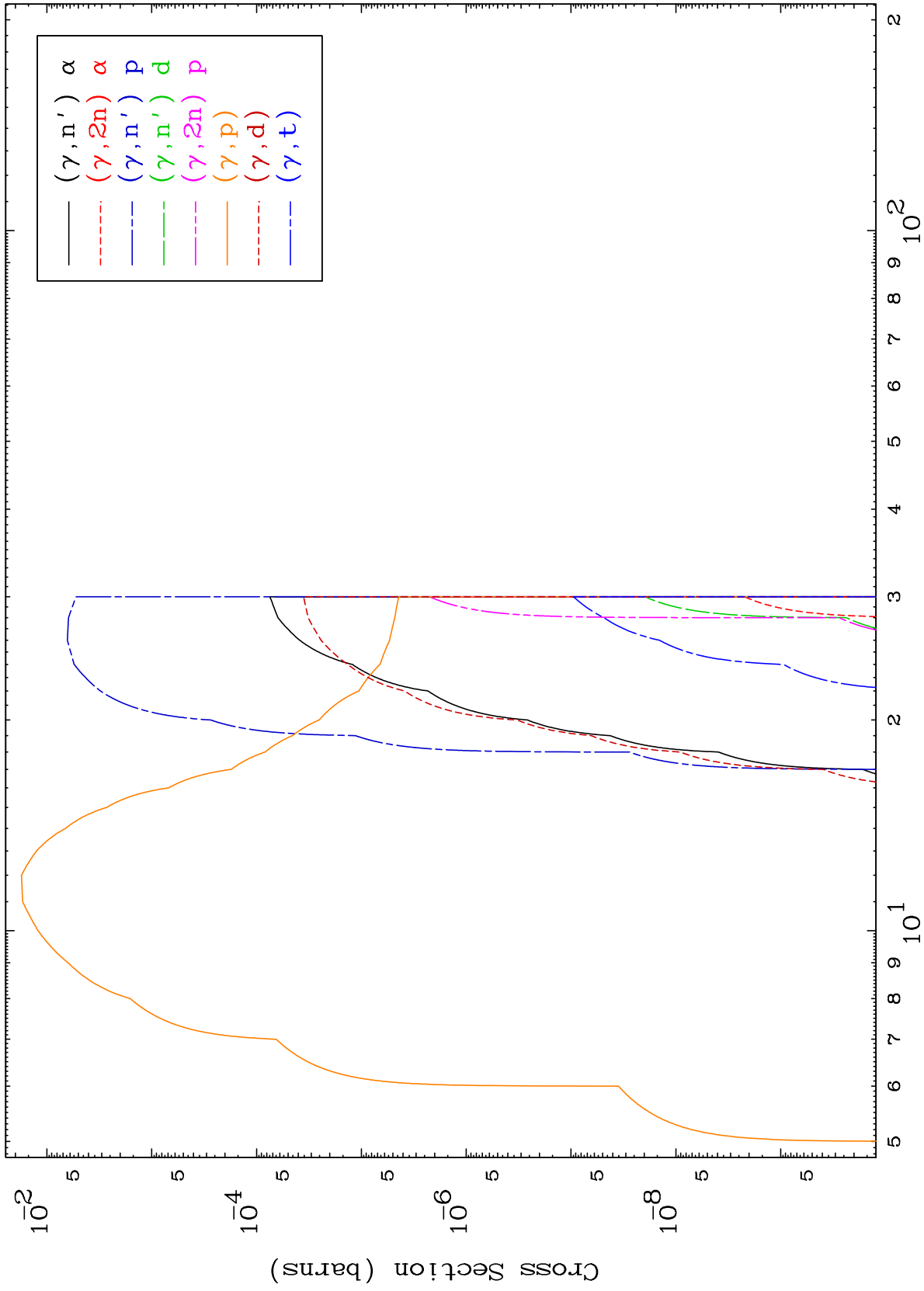
Incident Energy (MeV)

60-Nd-130

MAT 5989

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-130



3

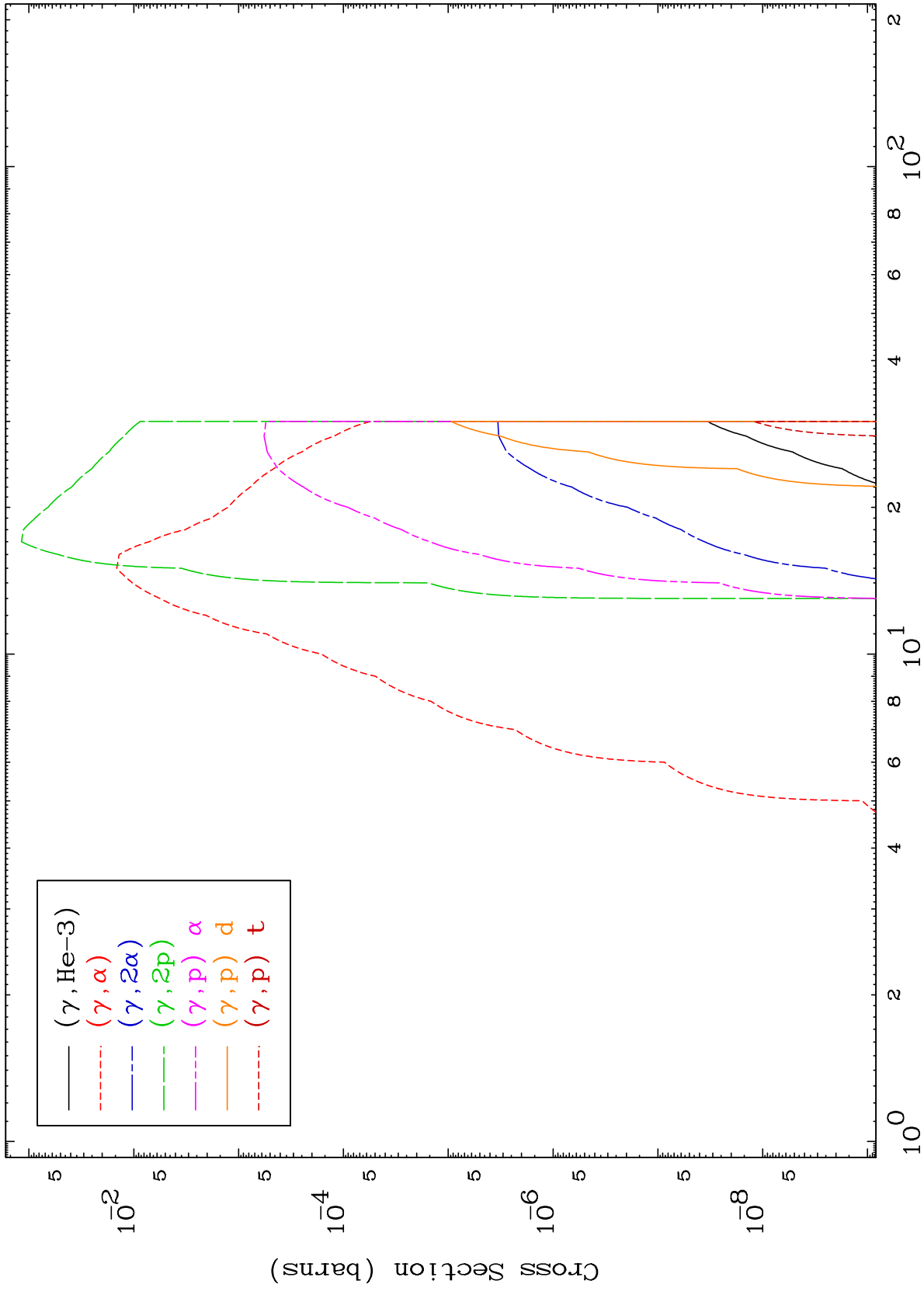
Incident Energy (MeV)

60-Nd-130

MAT 5989

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-130



60-Nd-130

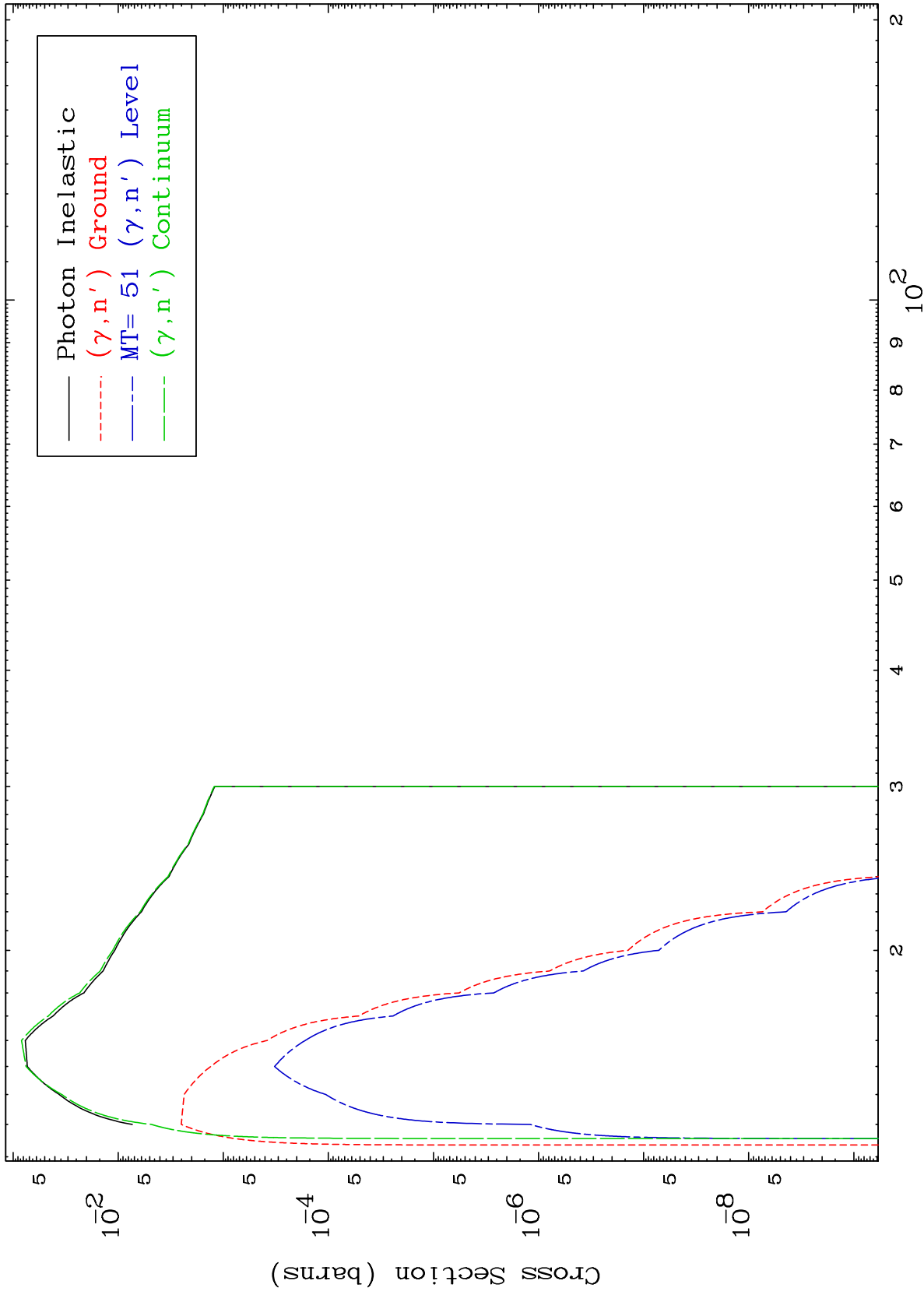
Incident Energy (MeV)

4

MAT 5989

(γ, n') Level
0 Kelvin Cross Sections

60-Nd-130



5

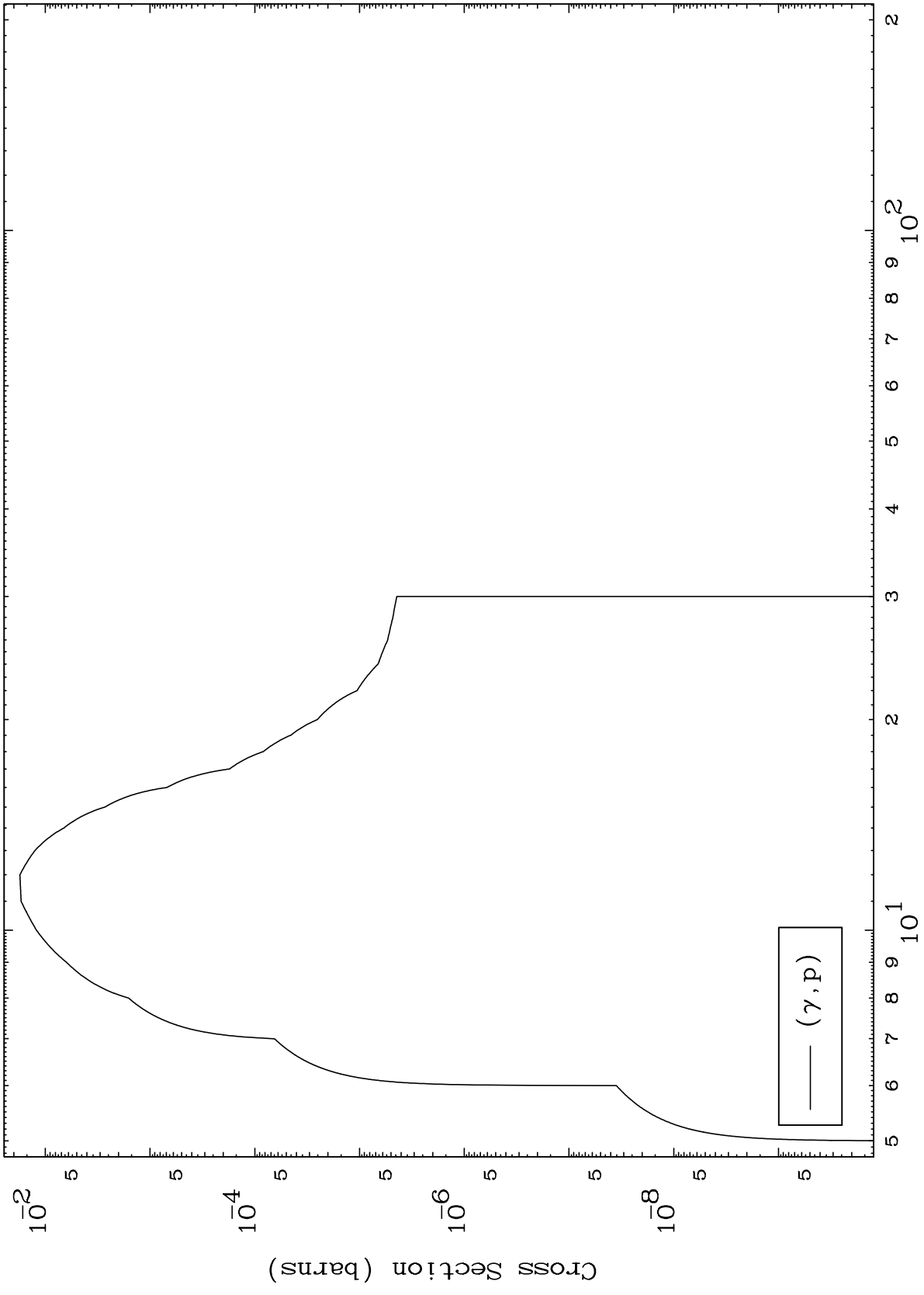
Incident Energy (MeV)

60-Nd-130

MAT 5989

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-130



6

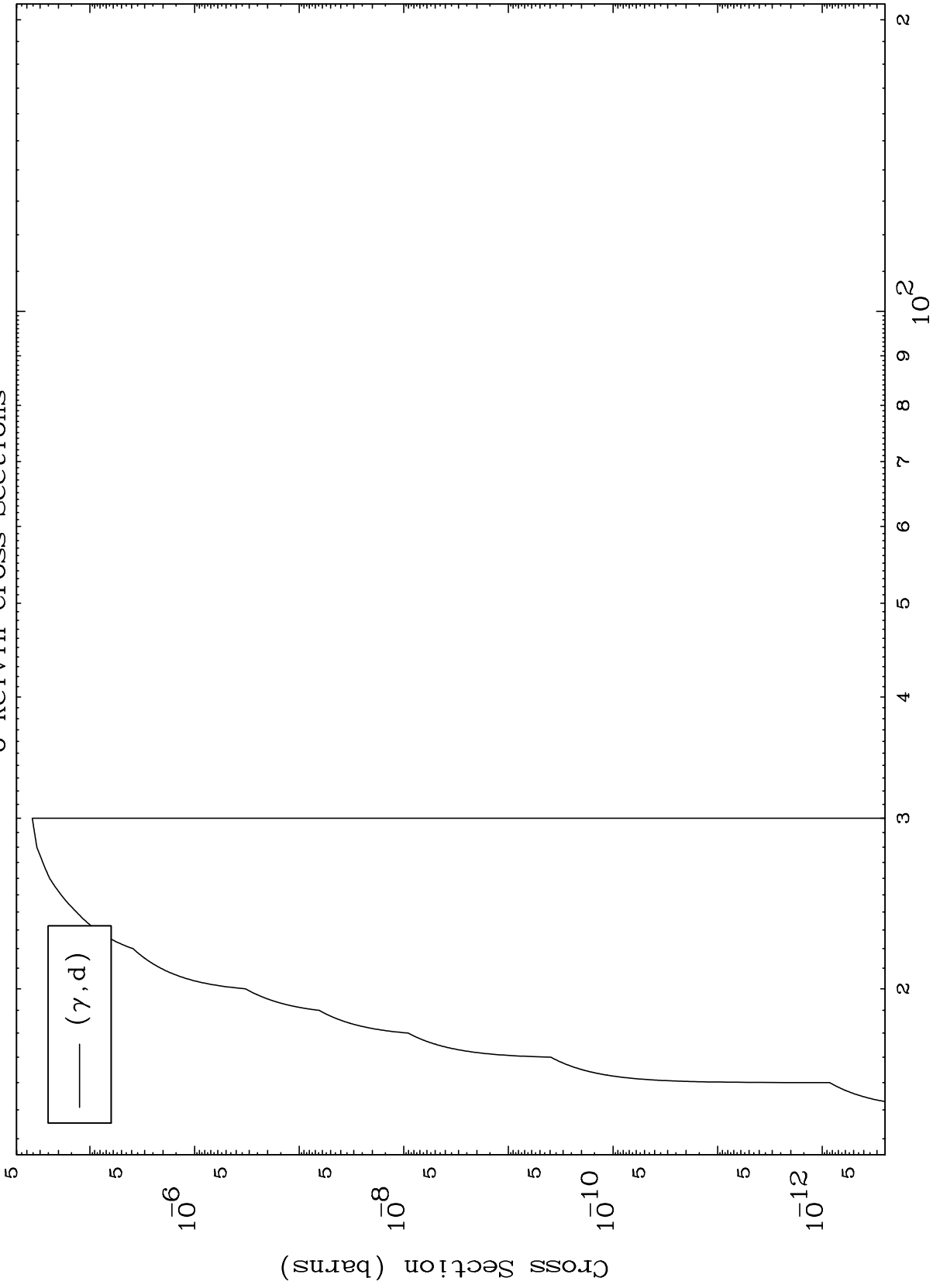
Incident Energy (MeV)

60-Nd-130

MAT 5989

(γ, d) Levels
0 Kelvin Cross Sections

60-Nd-130



7

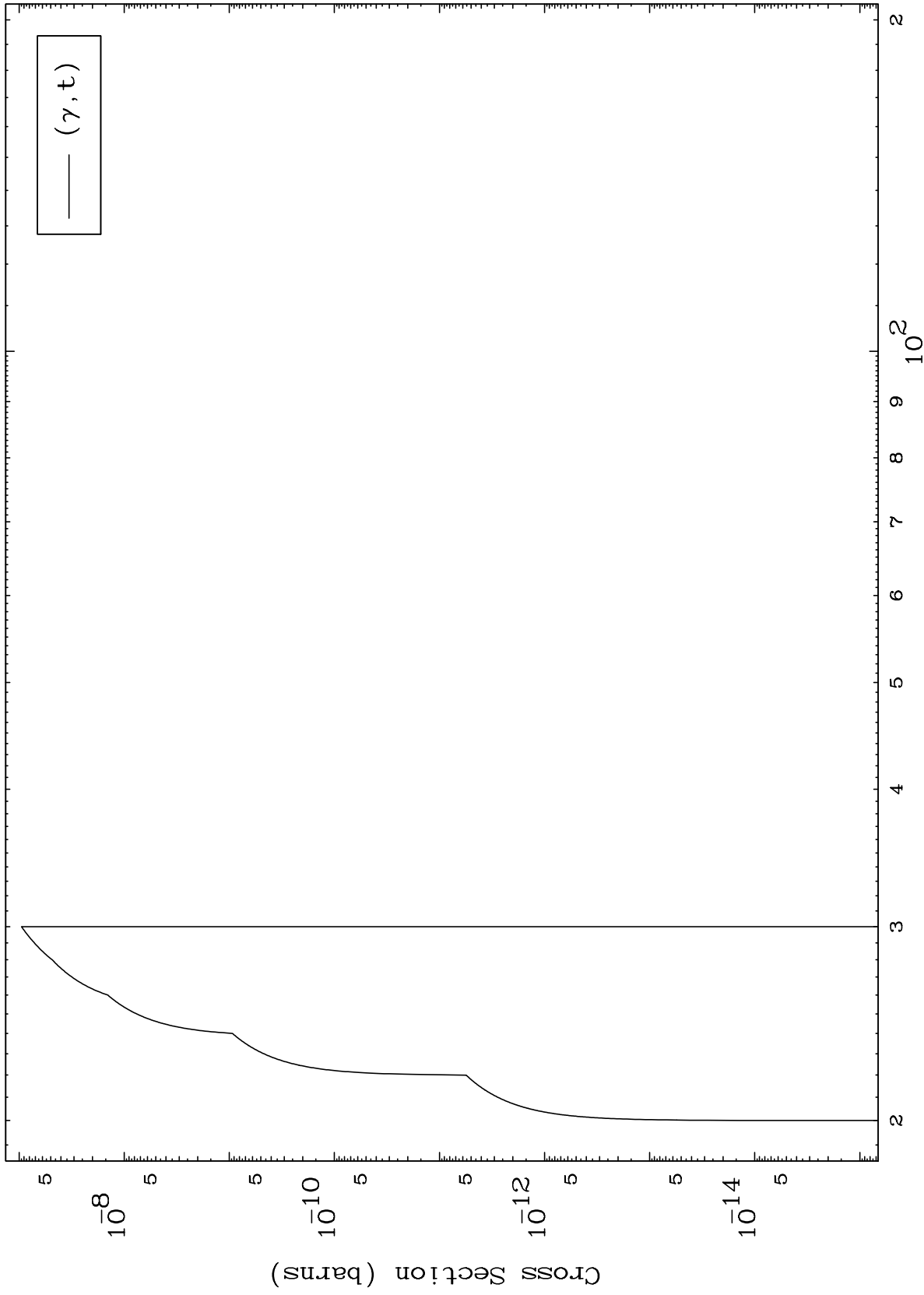
Incident Energy (MeV)

60-Nd-130

MAT 5989

(γ, t) Levels
0 Kelvin Cross Sections

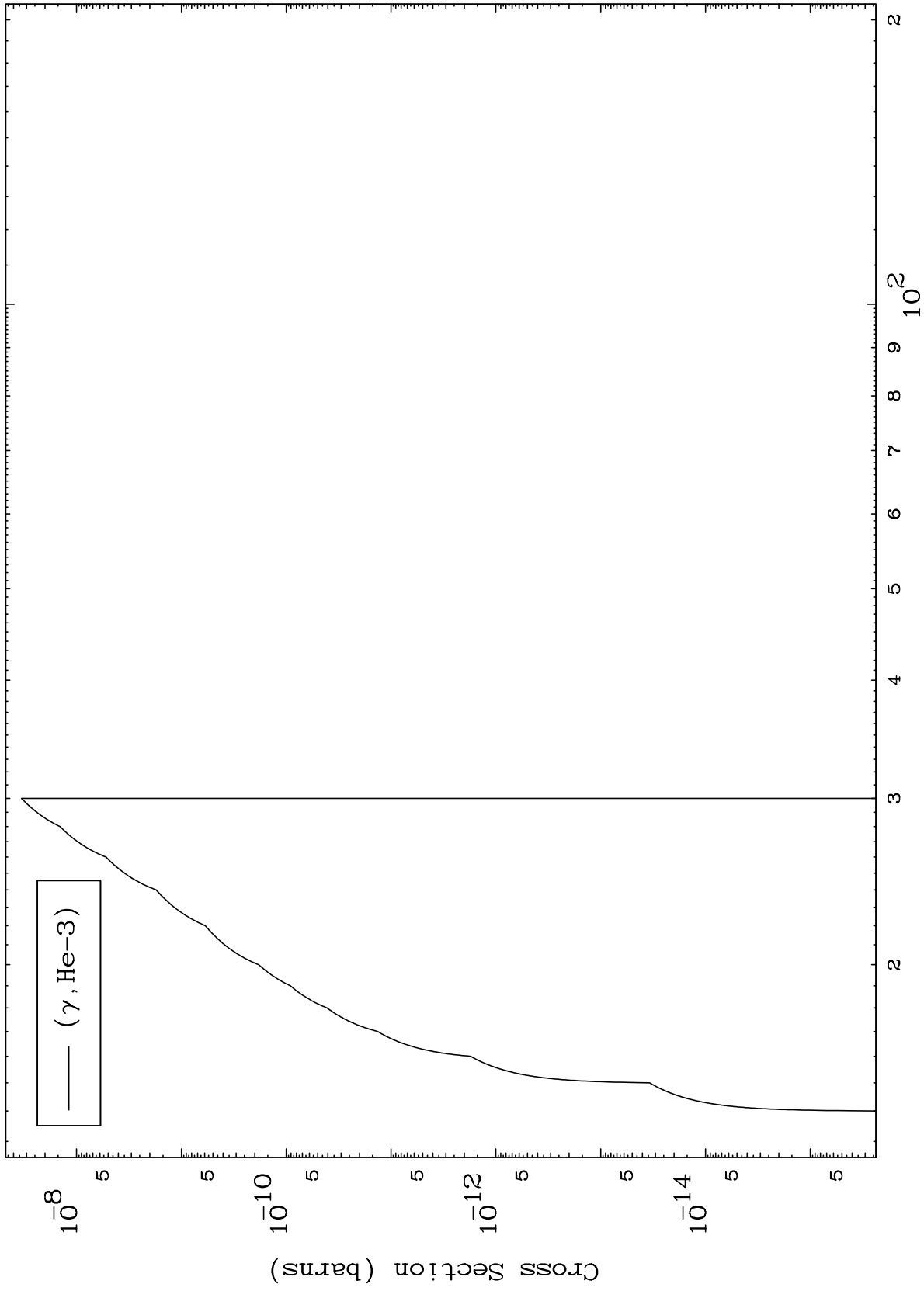
60-Nd-130



MAT 5989

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

60-Nd-130



9

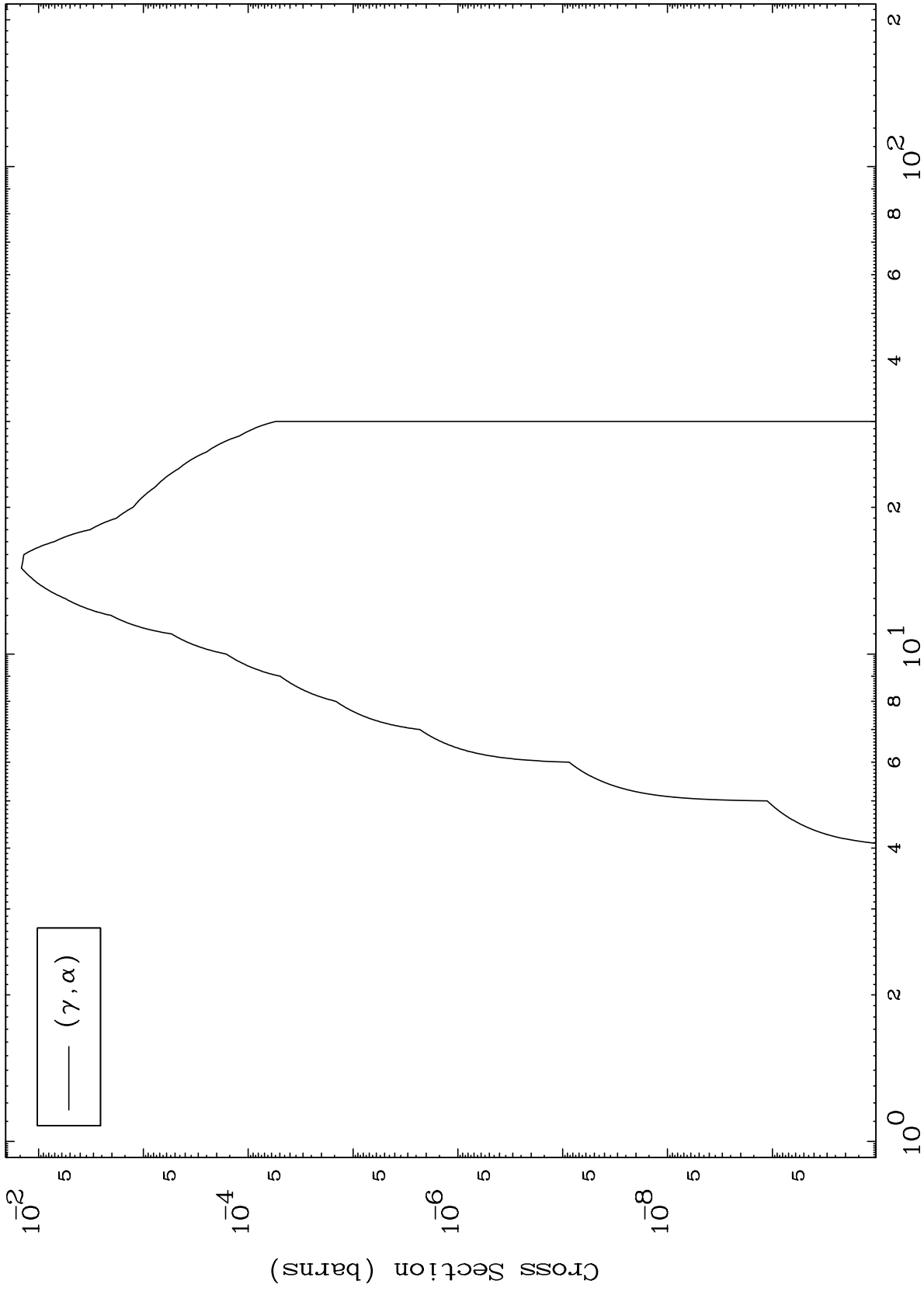
Incident Energy (MeV)

60-Nd-130

MAT 5989

(γ, α) Levels
0 Kelvin Cross Sections

60-Nd-130



Incident Energy (MeV)

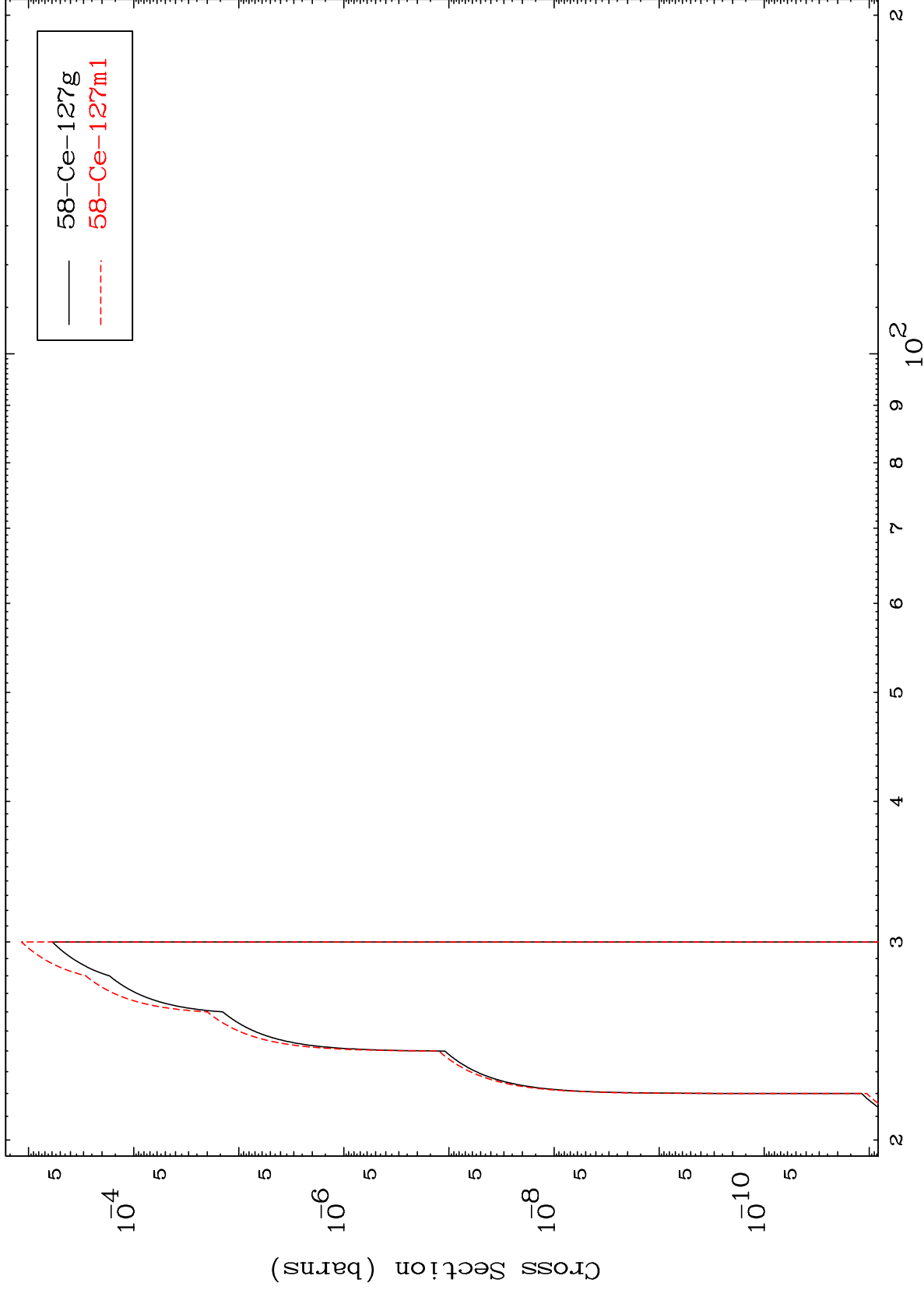
60-Nd-130

MAT 5989

$(\gamma, 2n)$ p

$^{60}\text{Nd}-130$

Radionuclide Production Cross Section



11

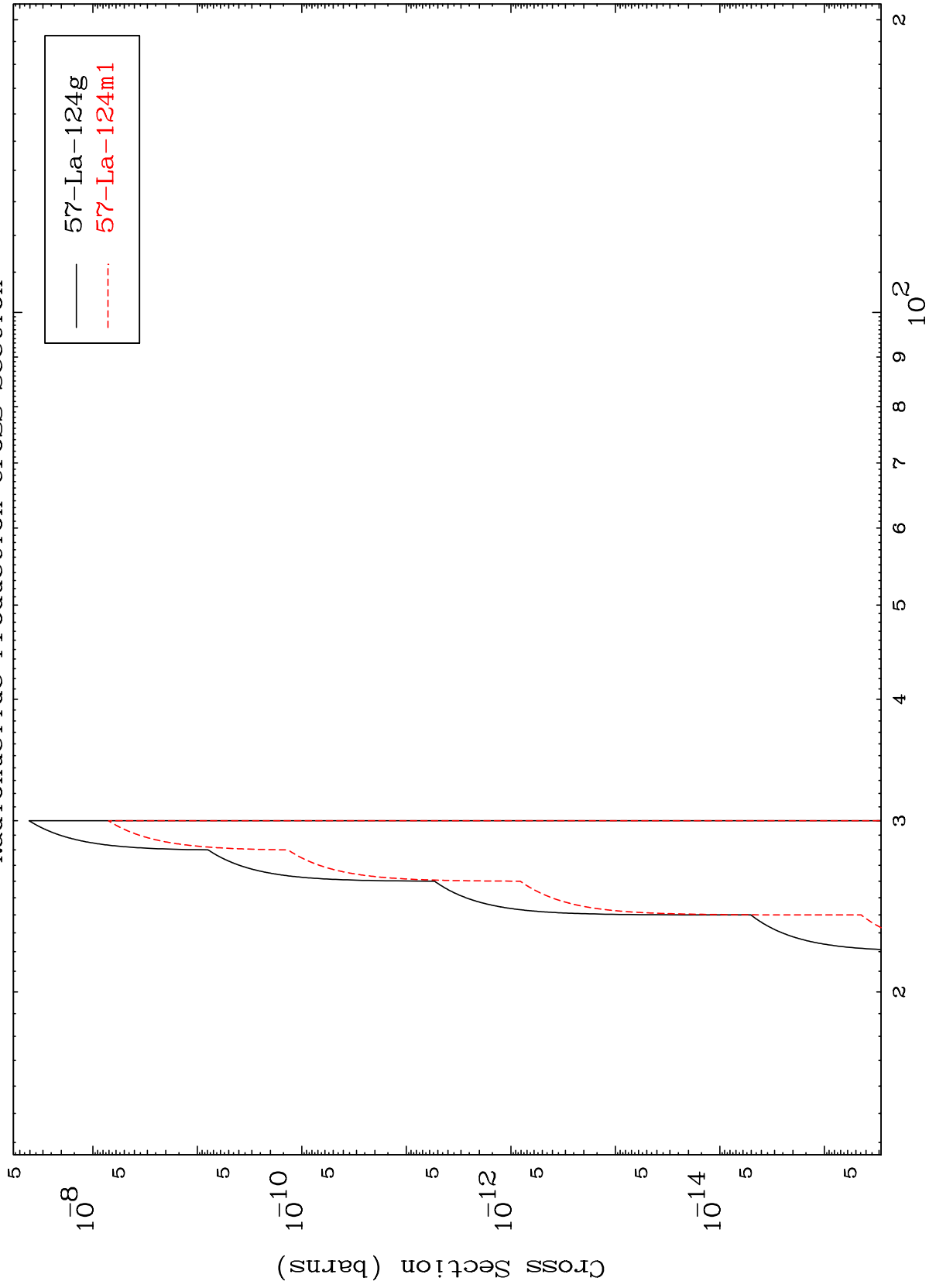
Incident Energy (MeV)

$^{60}\text{Nd}-130$

MAT 5989

$^{60}\text{Nd}-130$

(γ, n') p α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

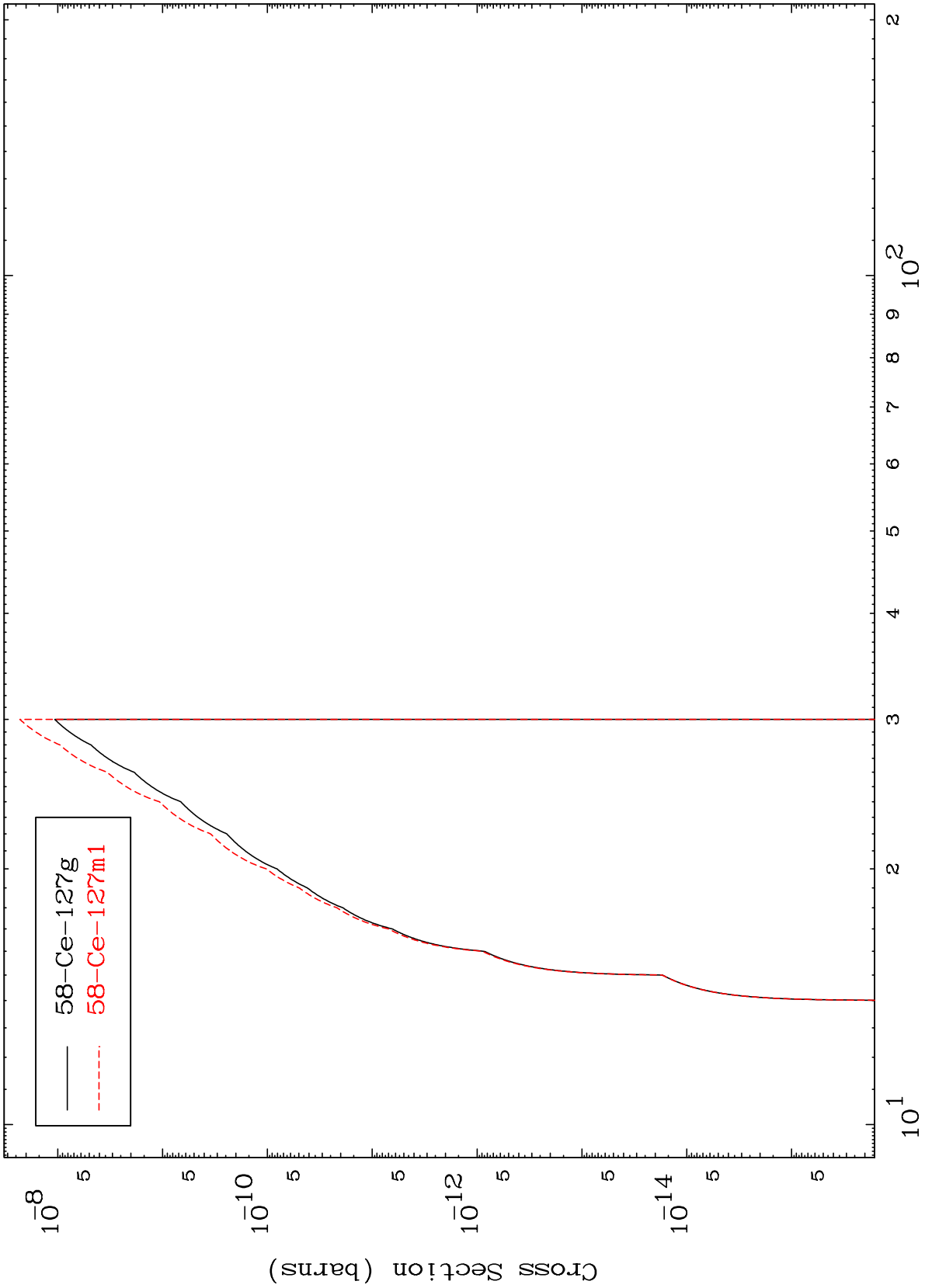
$^{60}\text{Nd}-130$

MAT 5989

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

60-Nd-130

Radionuclide Production Cross Section



13

Incident Energy (MeV)

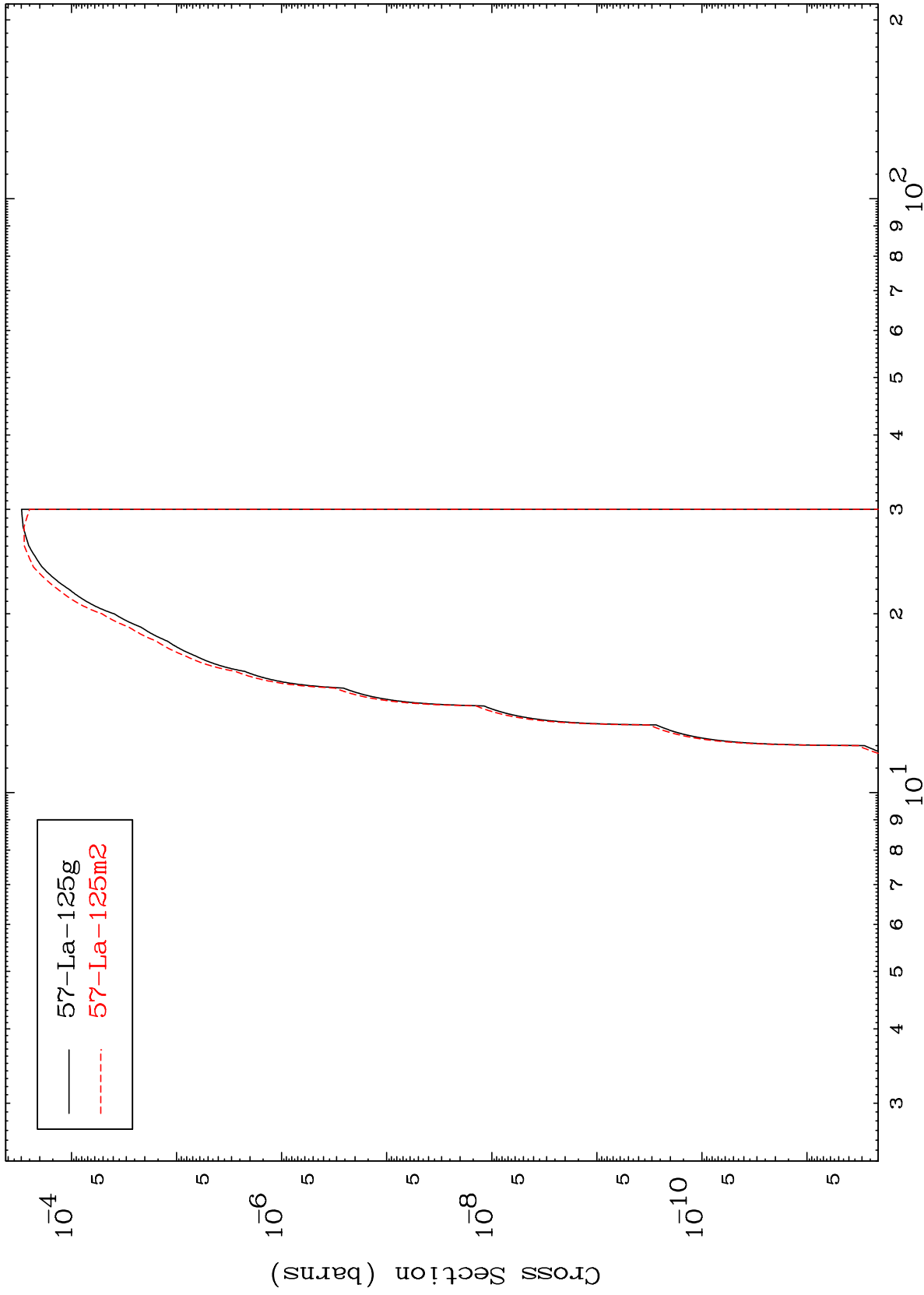
60-Nd-130

MAT 5989

(γ, p) α

60-Nd-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

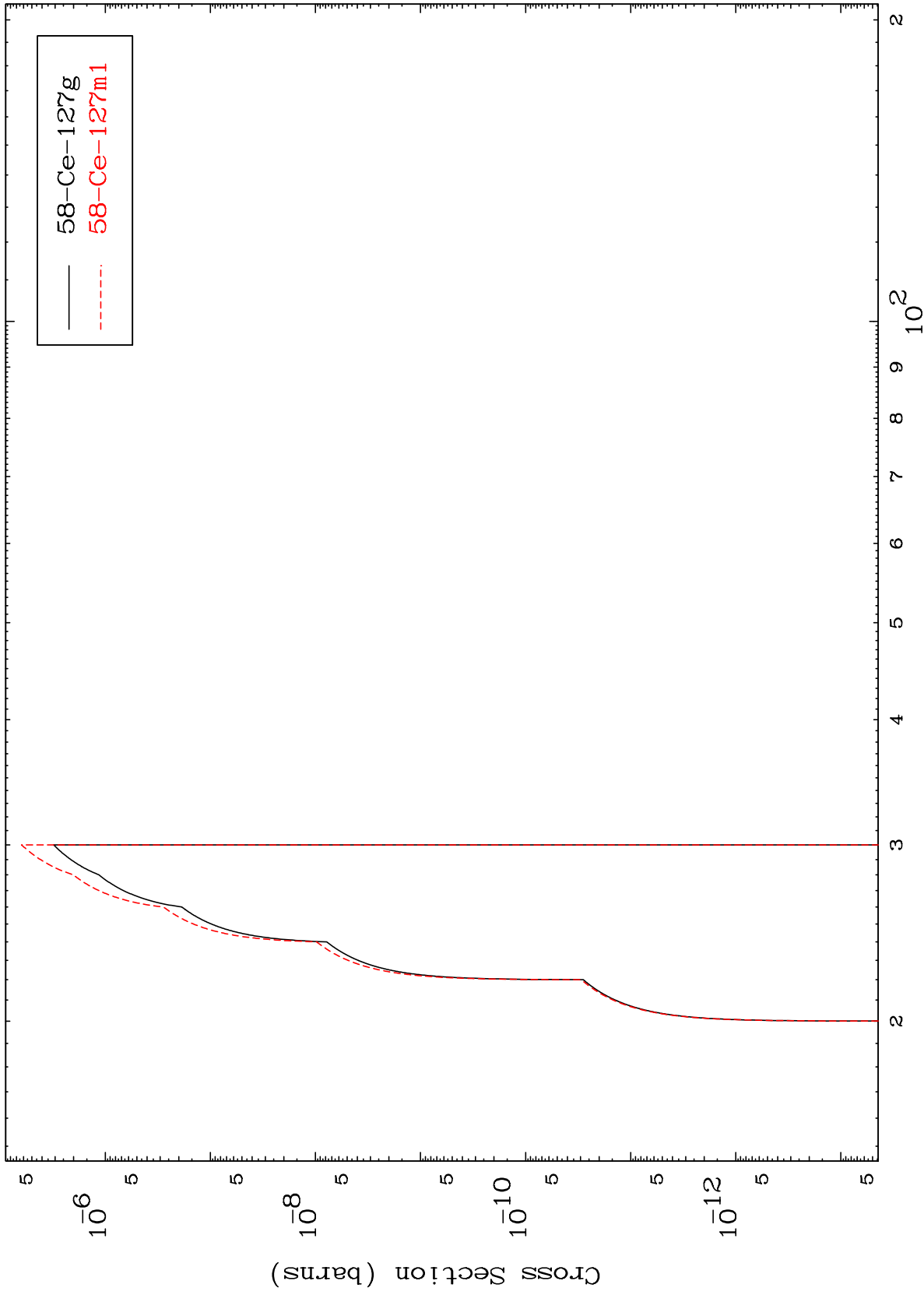
60-Nd-130

MAT 5989

(γ, p) d

$^{60}\text{Nd}-^{130}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{60}\text{Nd}-^{130}$