

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

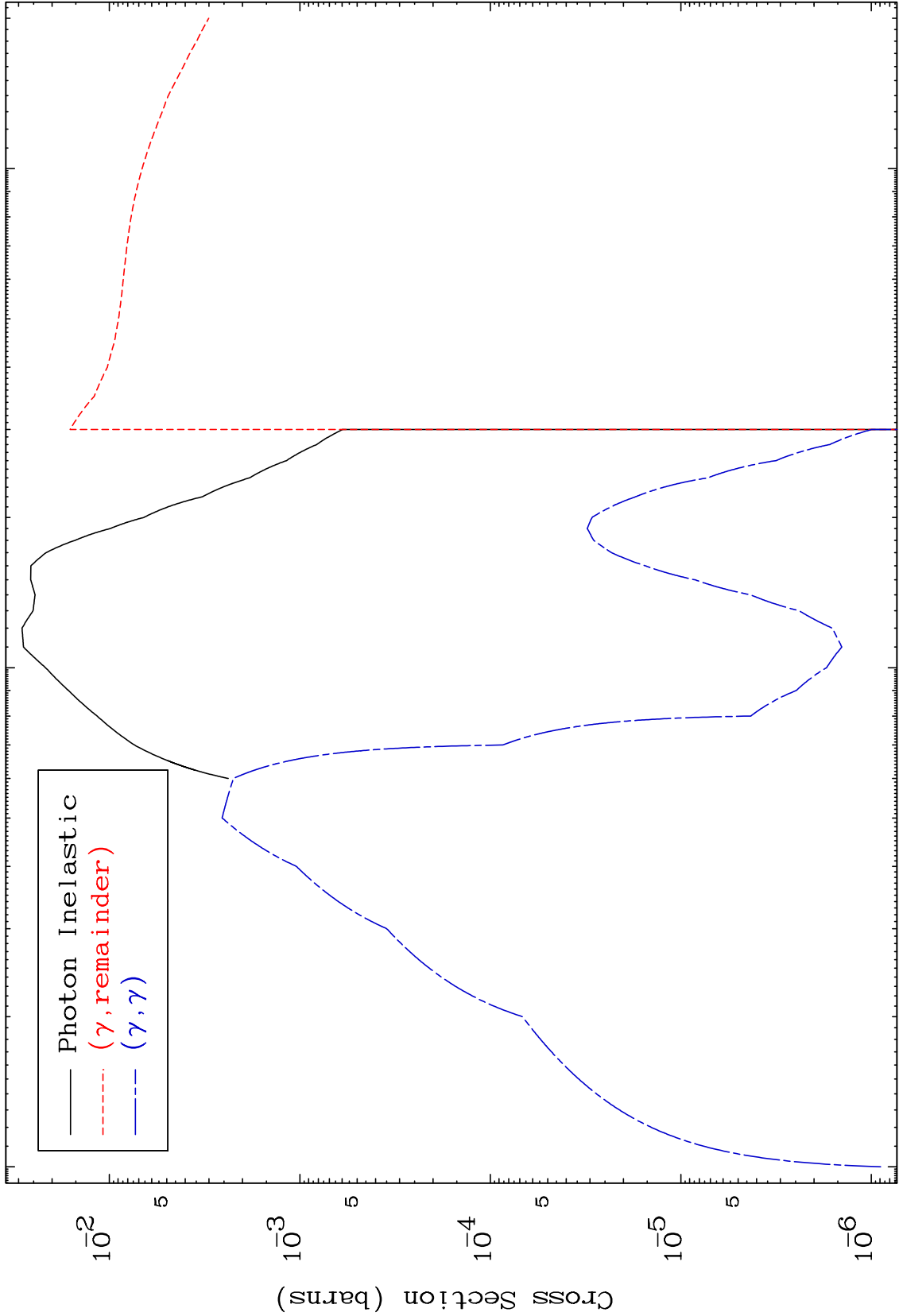
Press Mouse Button to Start

MAT 3950

Photon Major

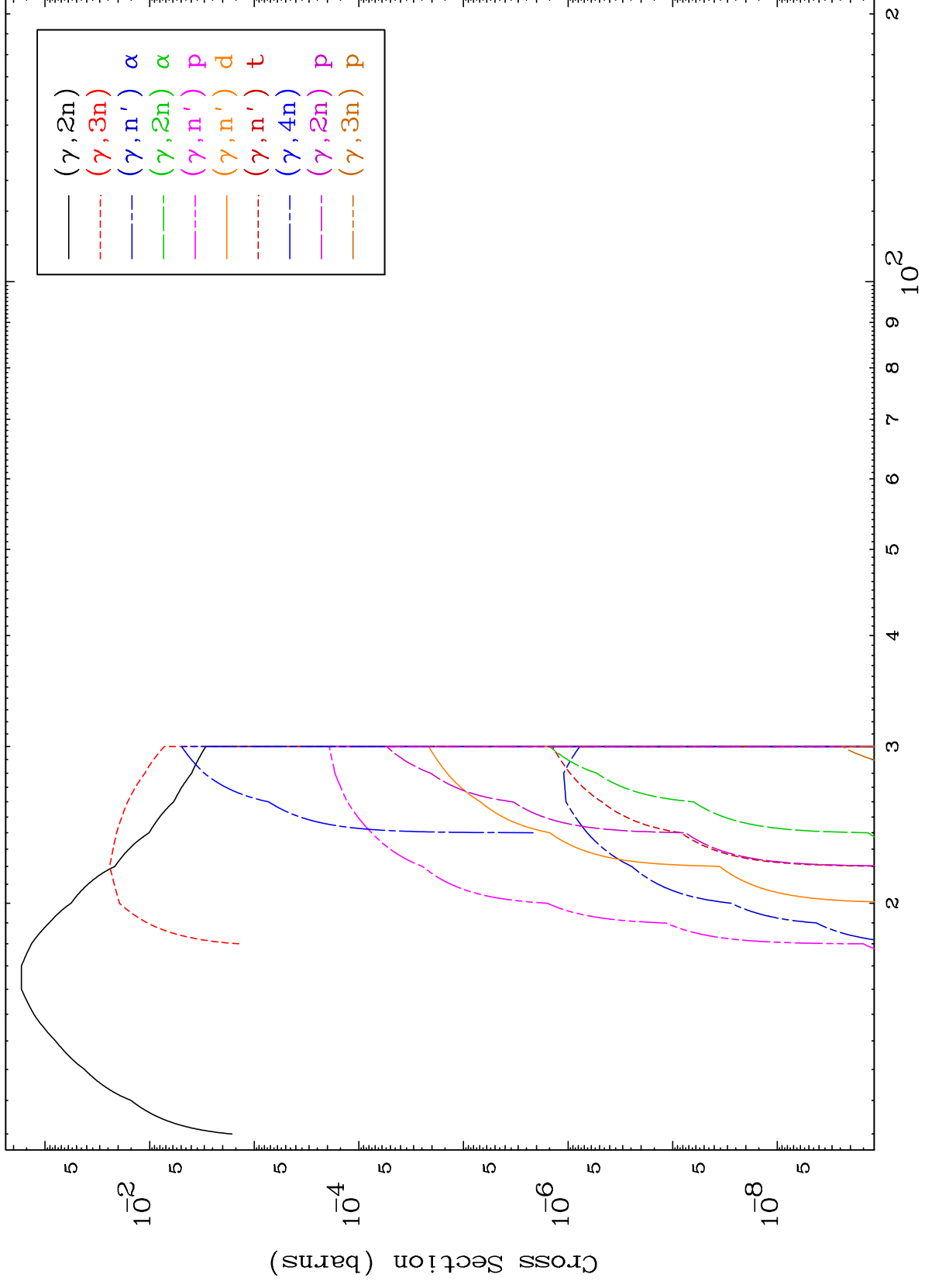
39-Y -97

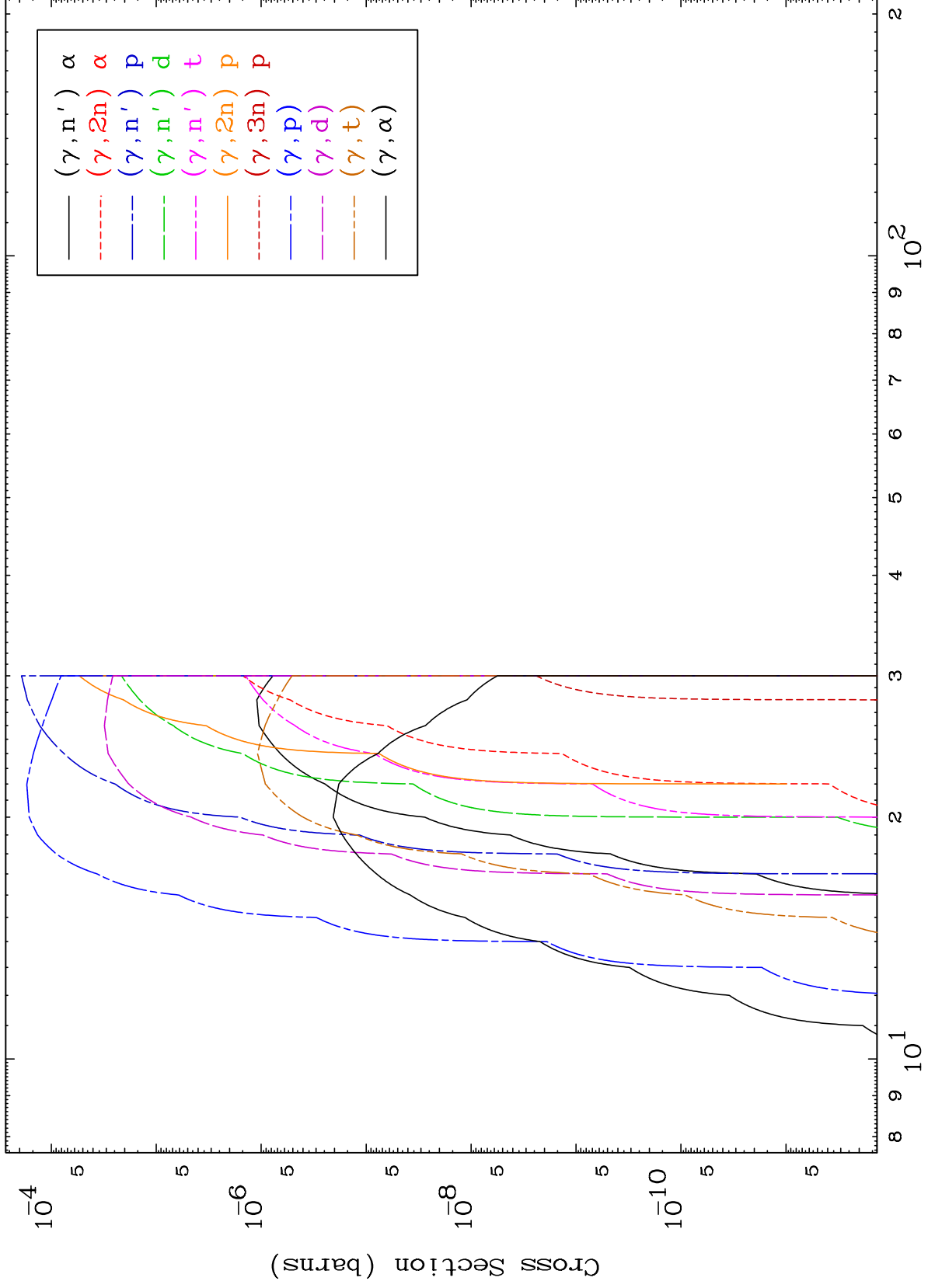
0 Kelvin Cross Sections



— Photon Inelastic
- - - $(\gamma, \text{remainder})$
- . - (γ, γ)

Incident Energy (MeV) 39-Y -97



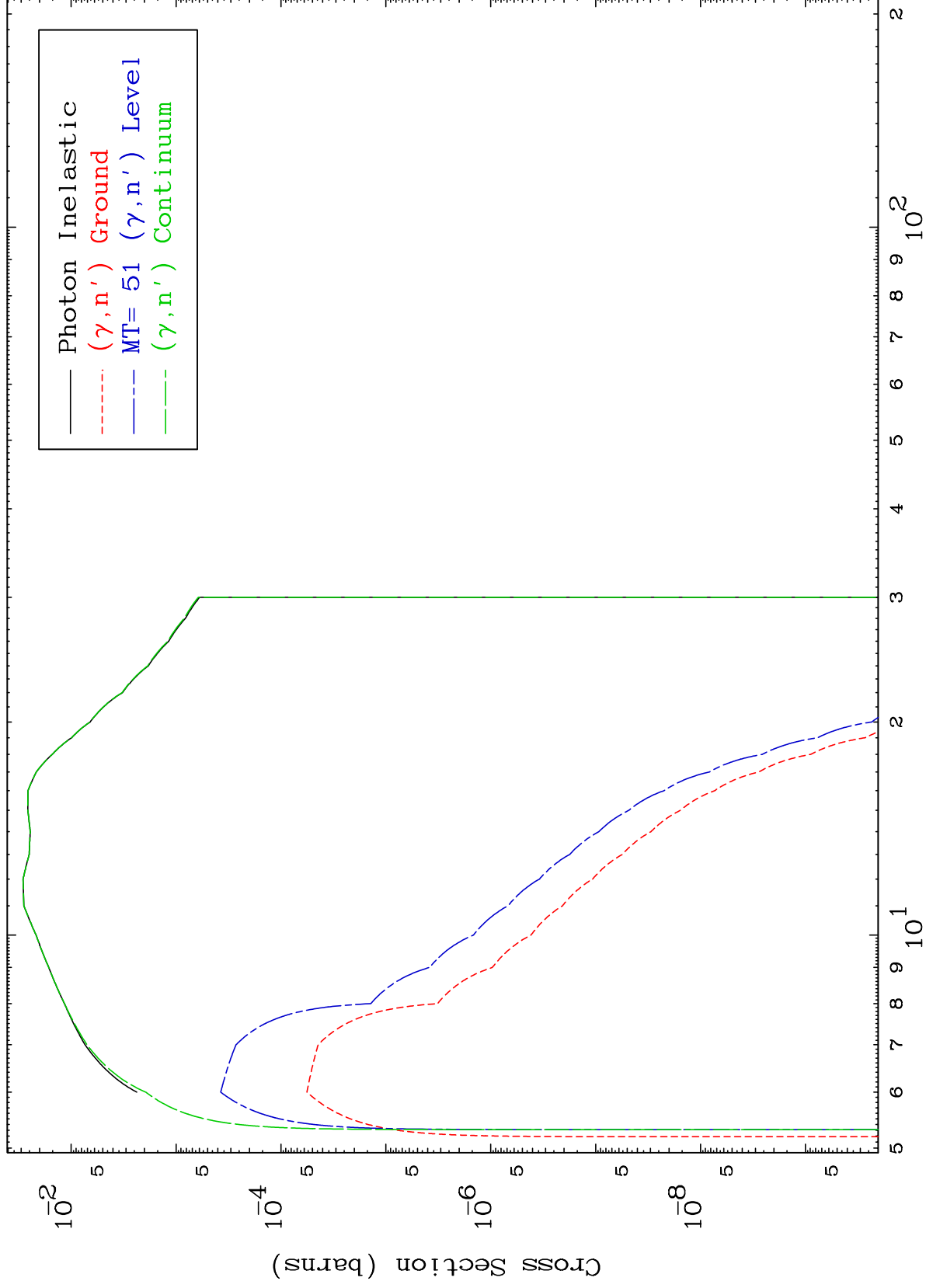


MAT 3950

(γ, n') Level

39-Y -97

0 Kelvin Cross Sections



Incident Energy (MeV)

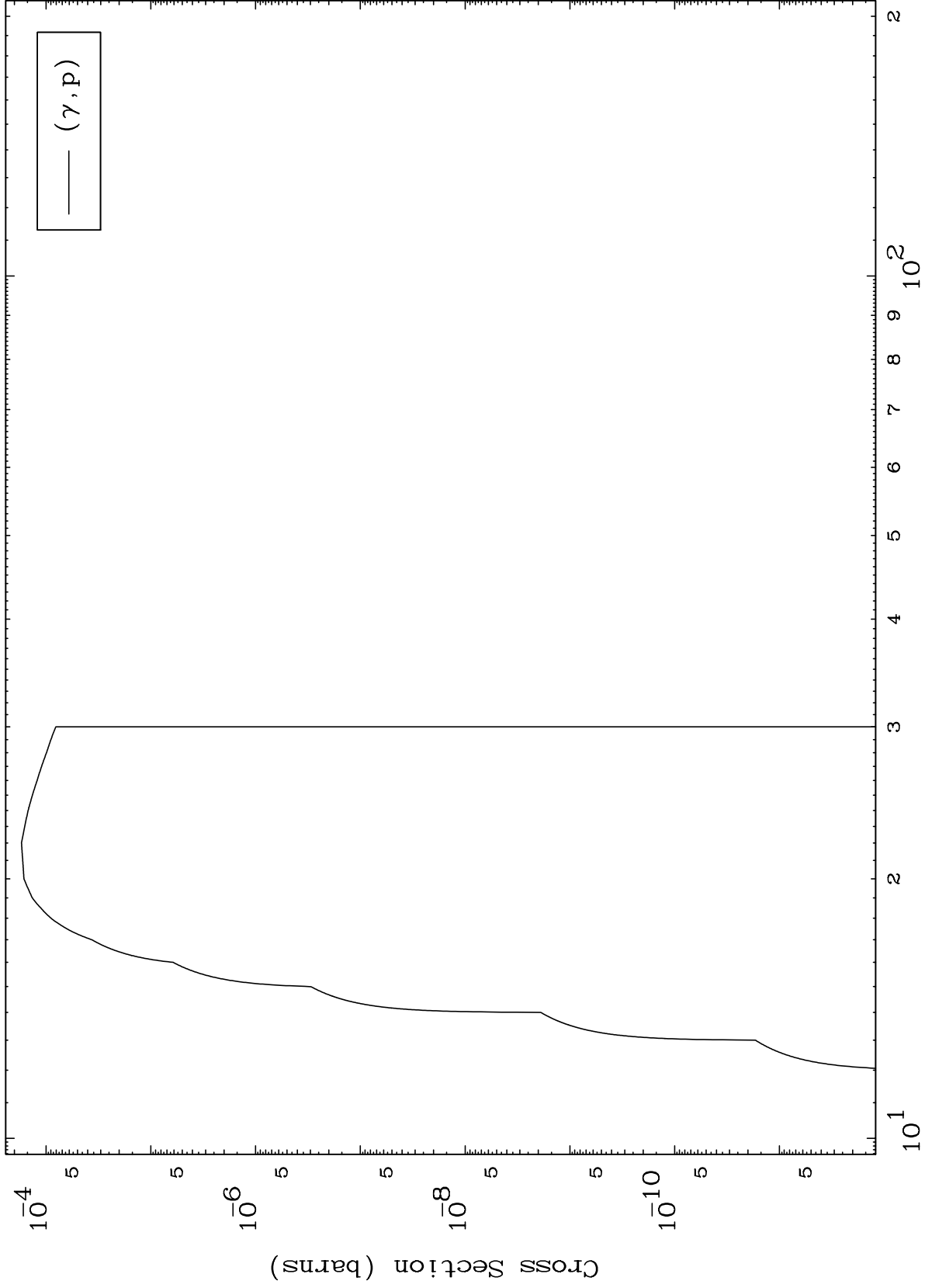
39-Y -97

4

MAT 3950

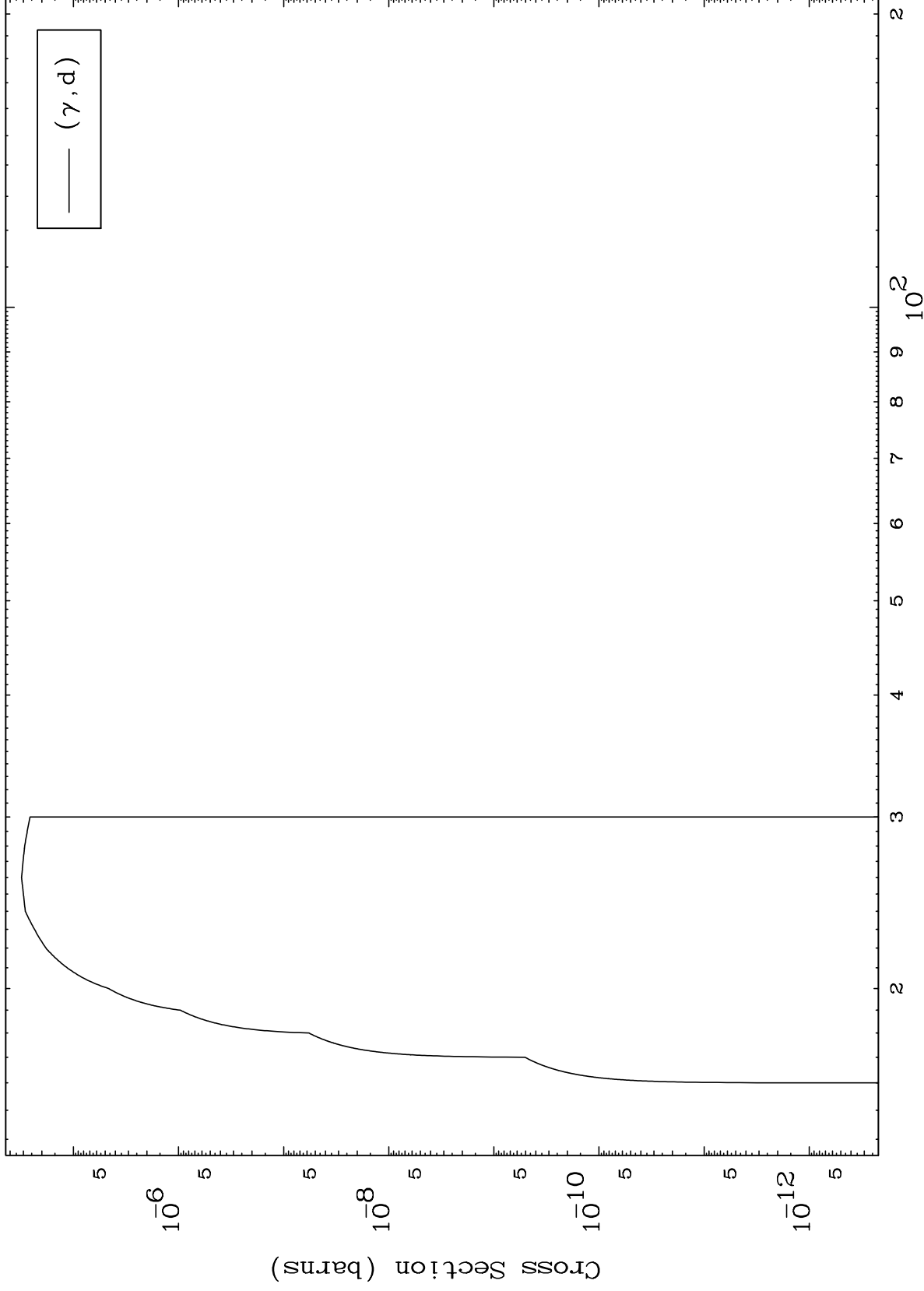
(γ, p) Levels
0 Kelvin Cross Sections

39-Y -97



Incident Energy (MeV)

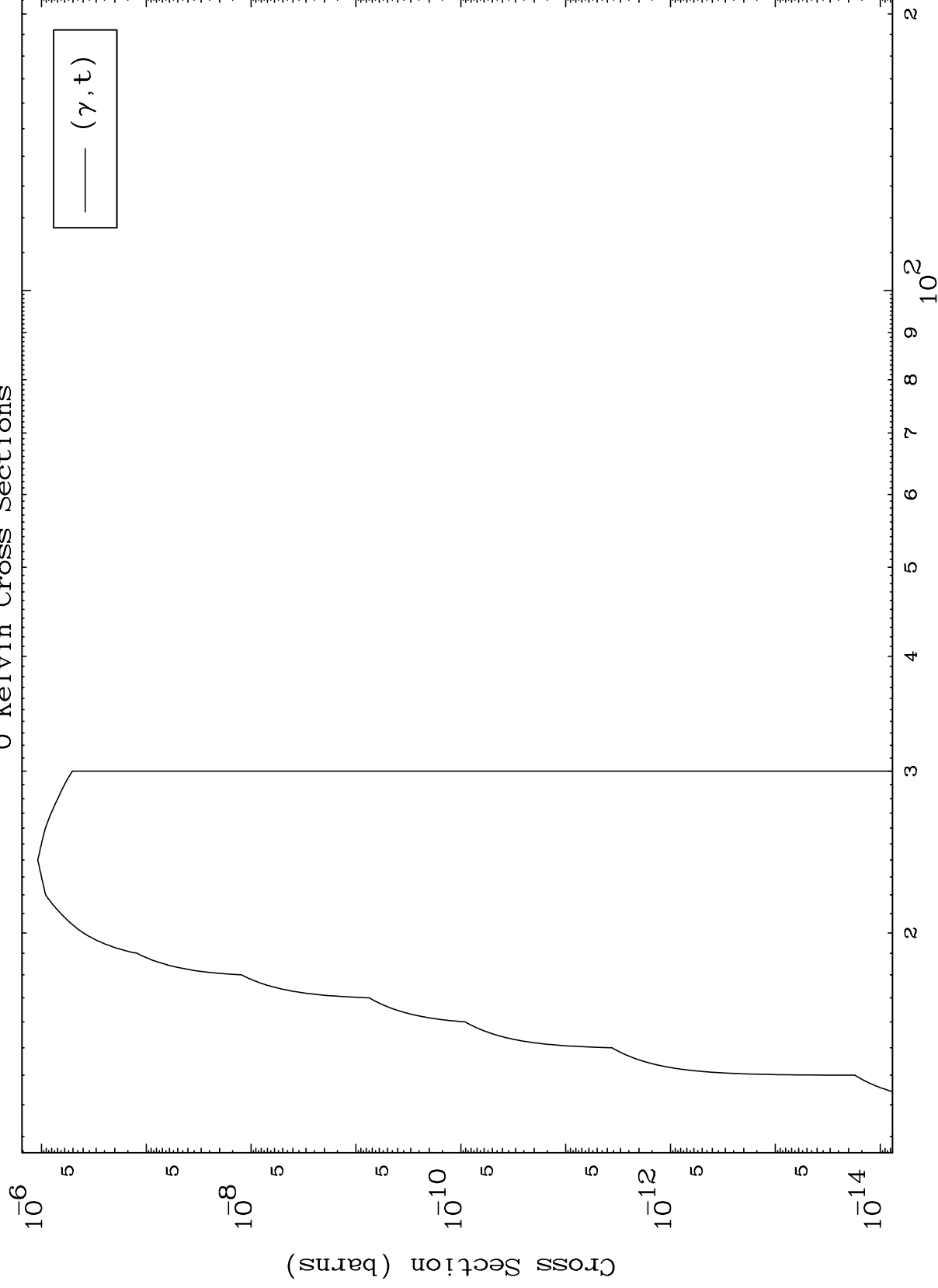
39-Y -97



MAT 3950

(γ, t) Levels
0 Kelvin Cross Sections

39-Y -97



(γ, t)

7

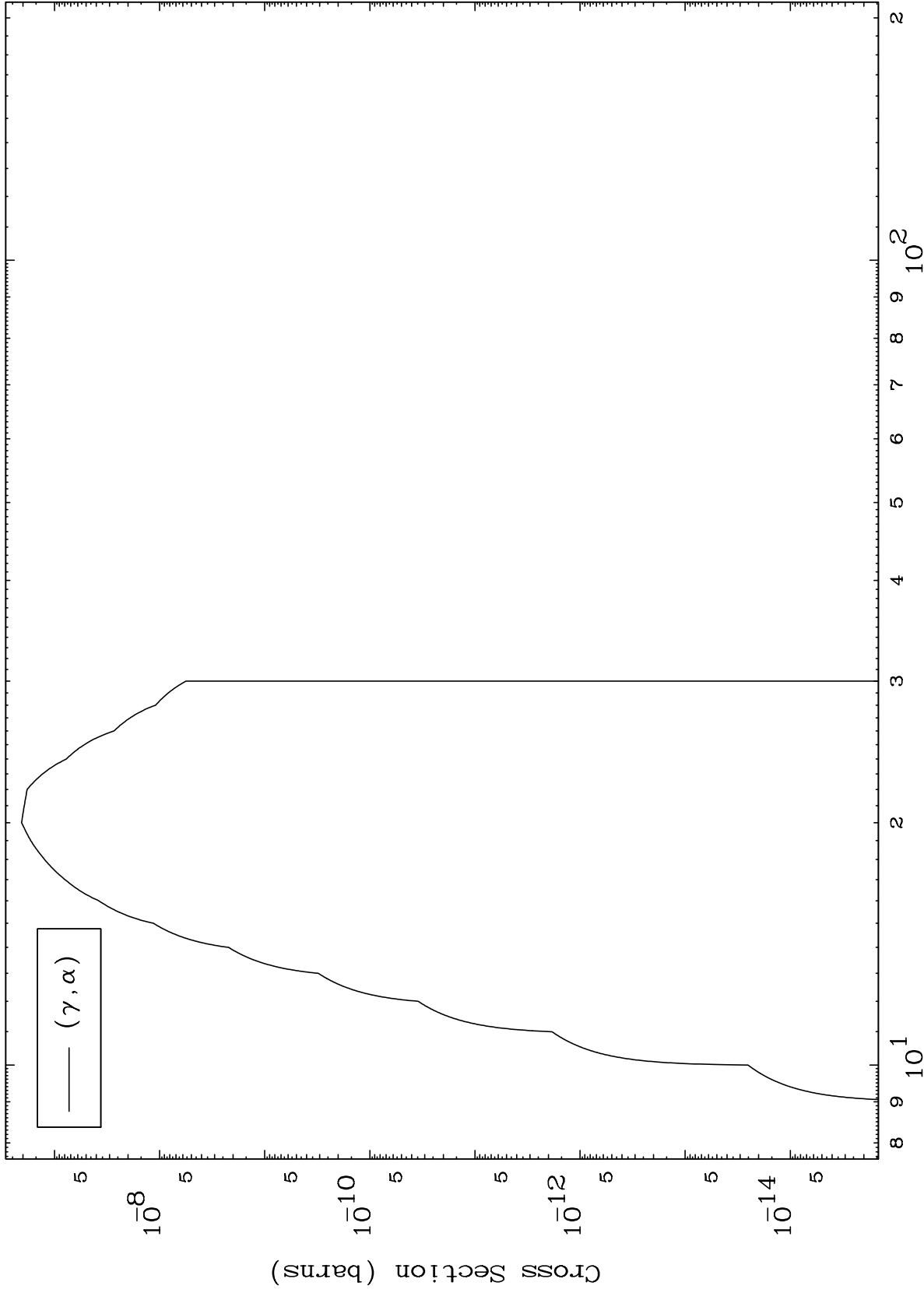
Incident Energy (MeV)

39-Y -97

MAT 3950

(γ, α) Levels
0 Kelvin Cross Sections

39-Y -97



8

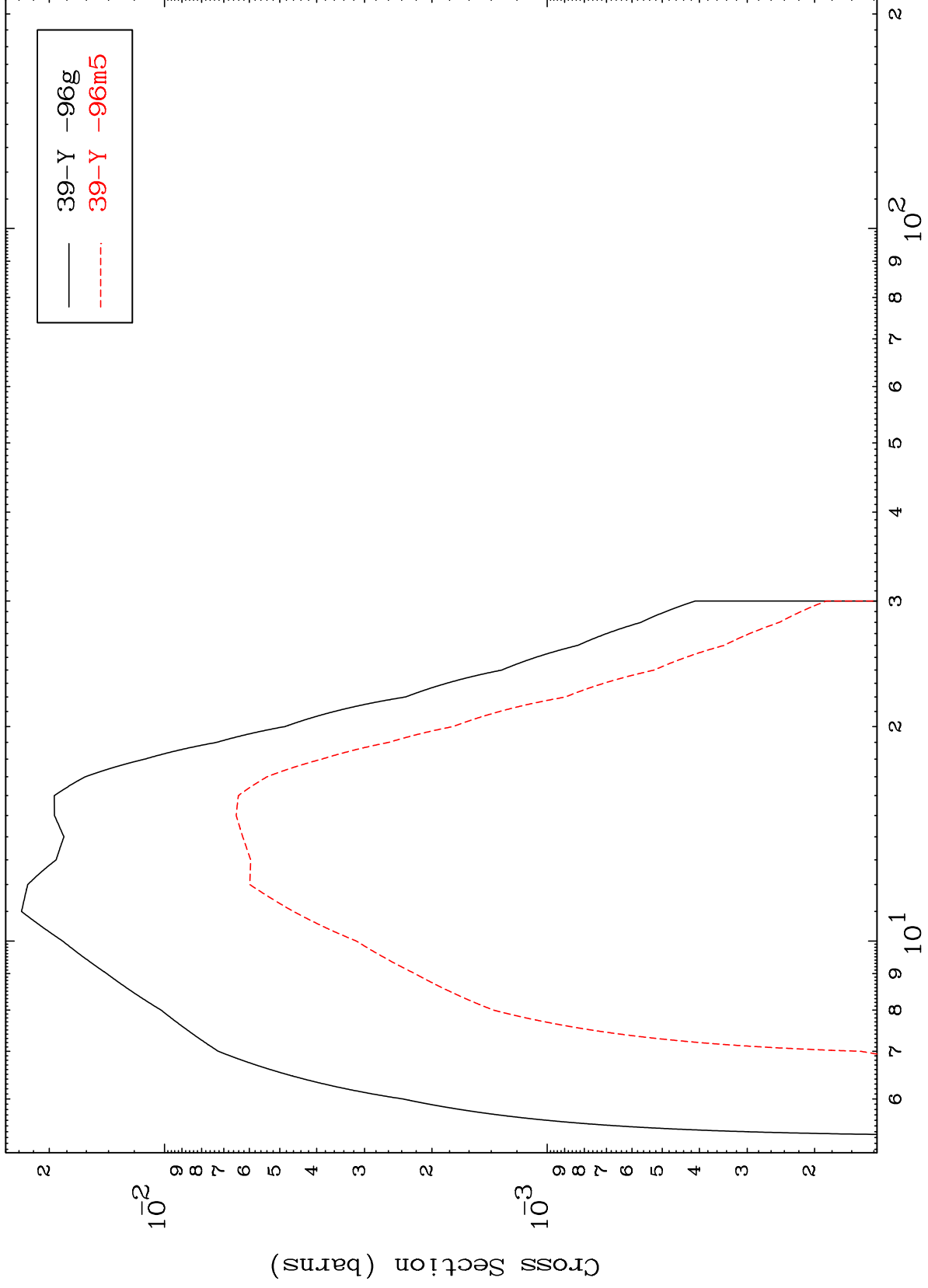
Incident Energy (MeV)

39-Y -97

MAT 3950

Photon Inelastic
Radionuclide Production Cross Section

39-Y -97



9

Incident Energy (MeV)

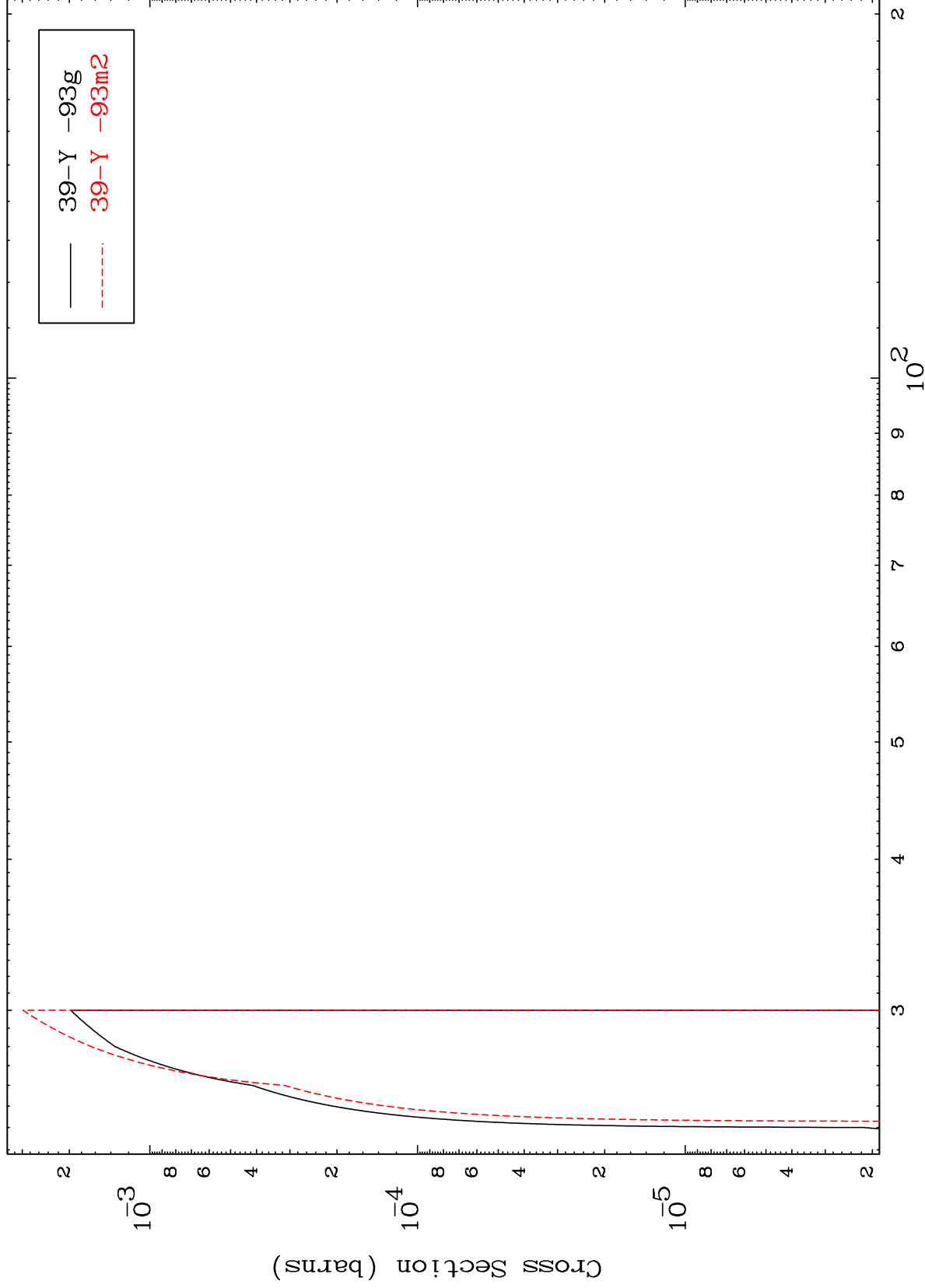
39-Y -97

MAT 3950

($\gamma, 4n$)

39-Y -97

Radionuclide Production Cross Section



10

Incident Energy (MeV)

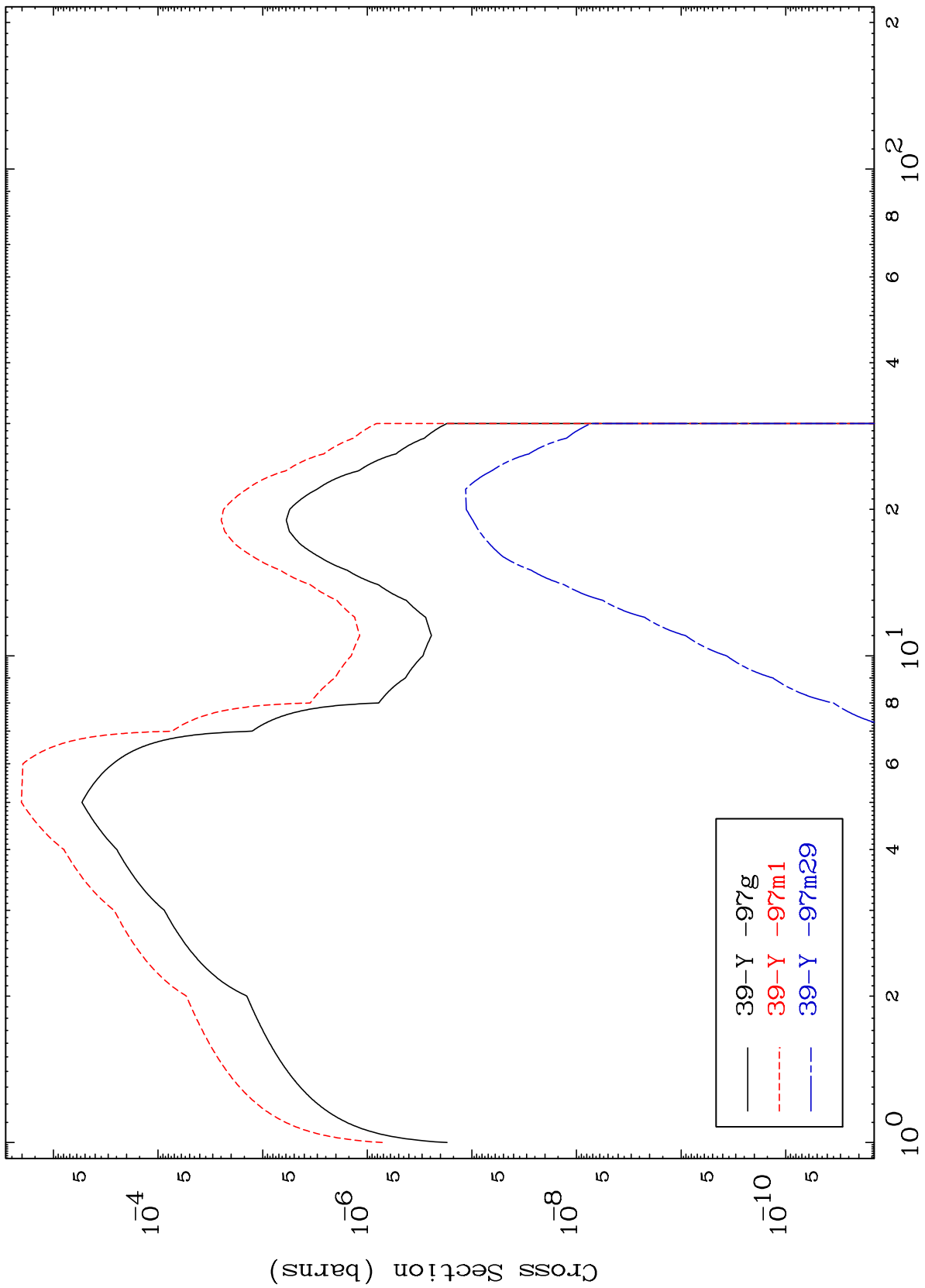
39-Y -97

MAT 3950

39-Y -97

Radionuclide Production Cross Section

(γ, γ)



Incident Energy (MeV)

39-Y -97

11