

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

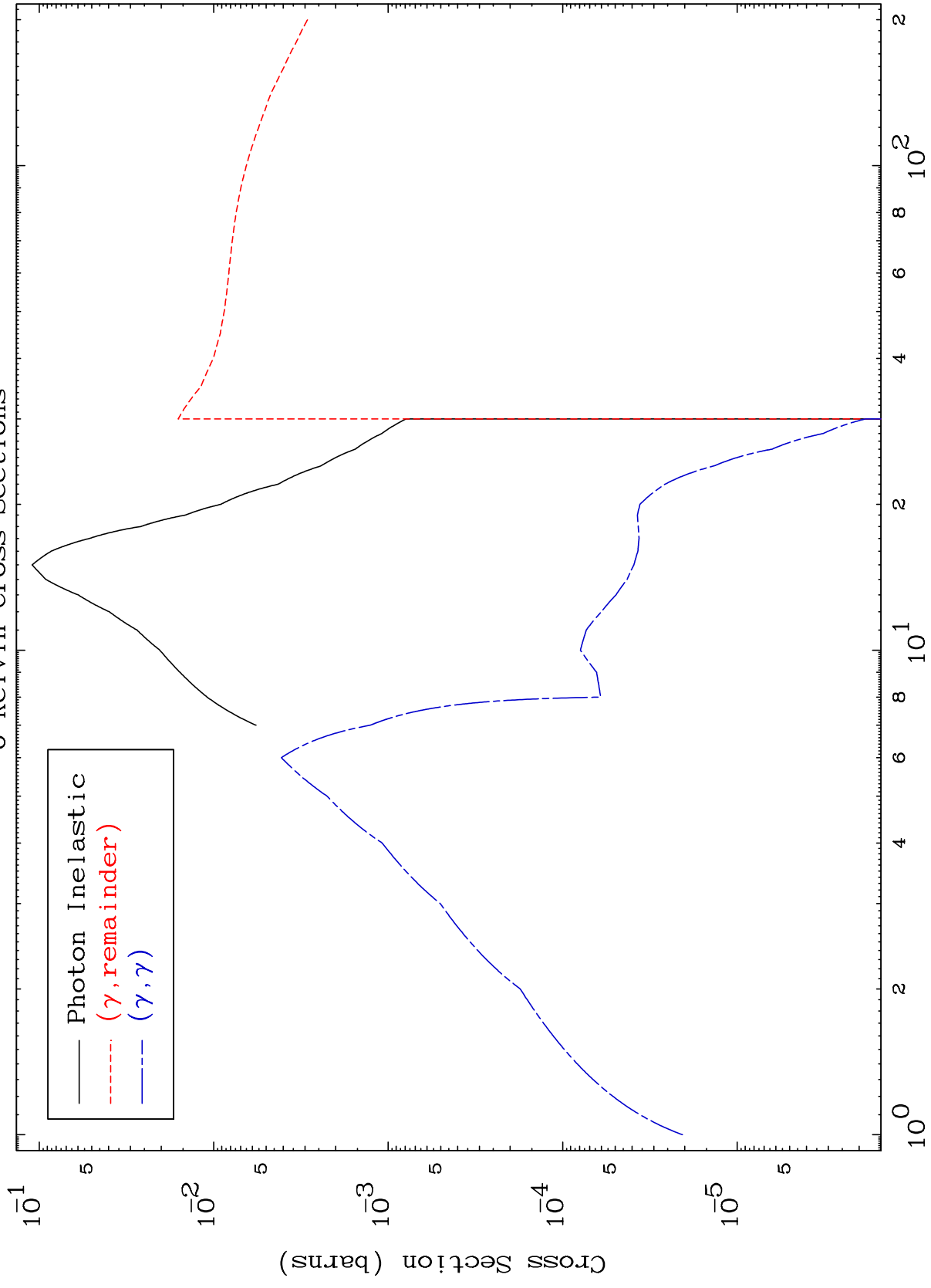
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3934

Photon Major
0 Kelvin Cross Sections

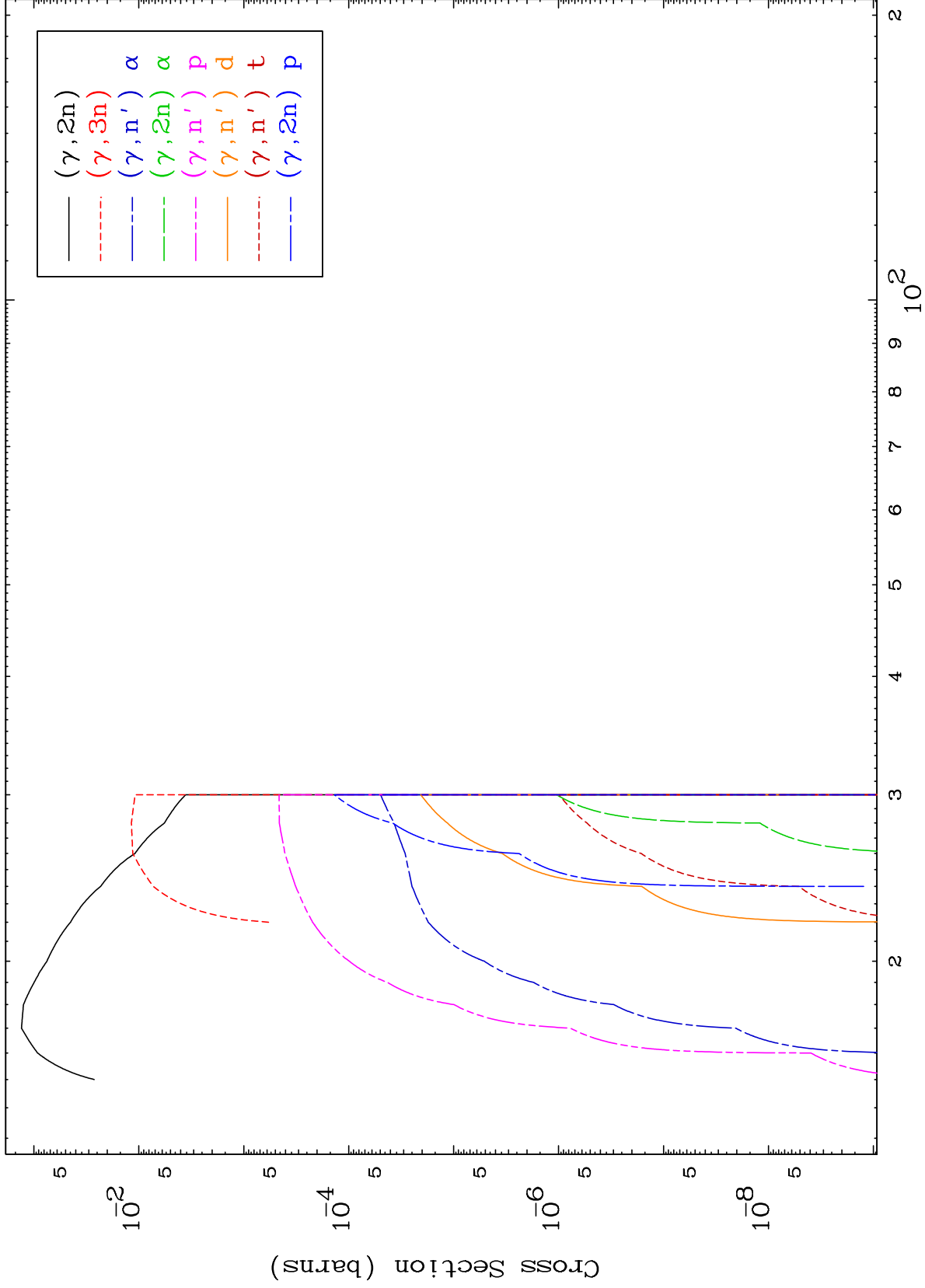
39-Y -92



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

Incident Energy (MeV)

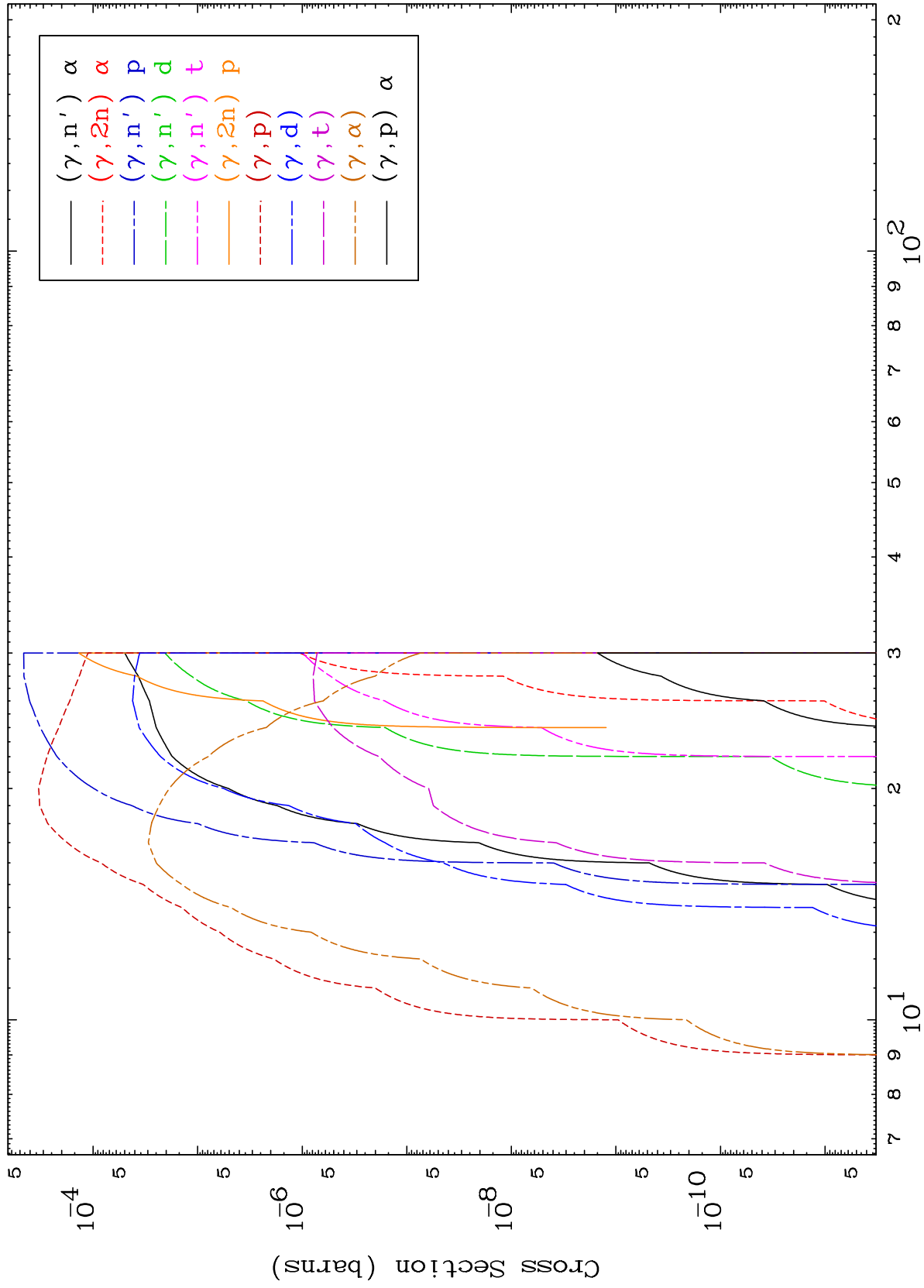
39-Y -92



MAT 3934

Photon Charged Particle
0 Kelvin Cross Sections

39-Y -92



3

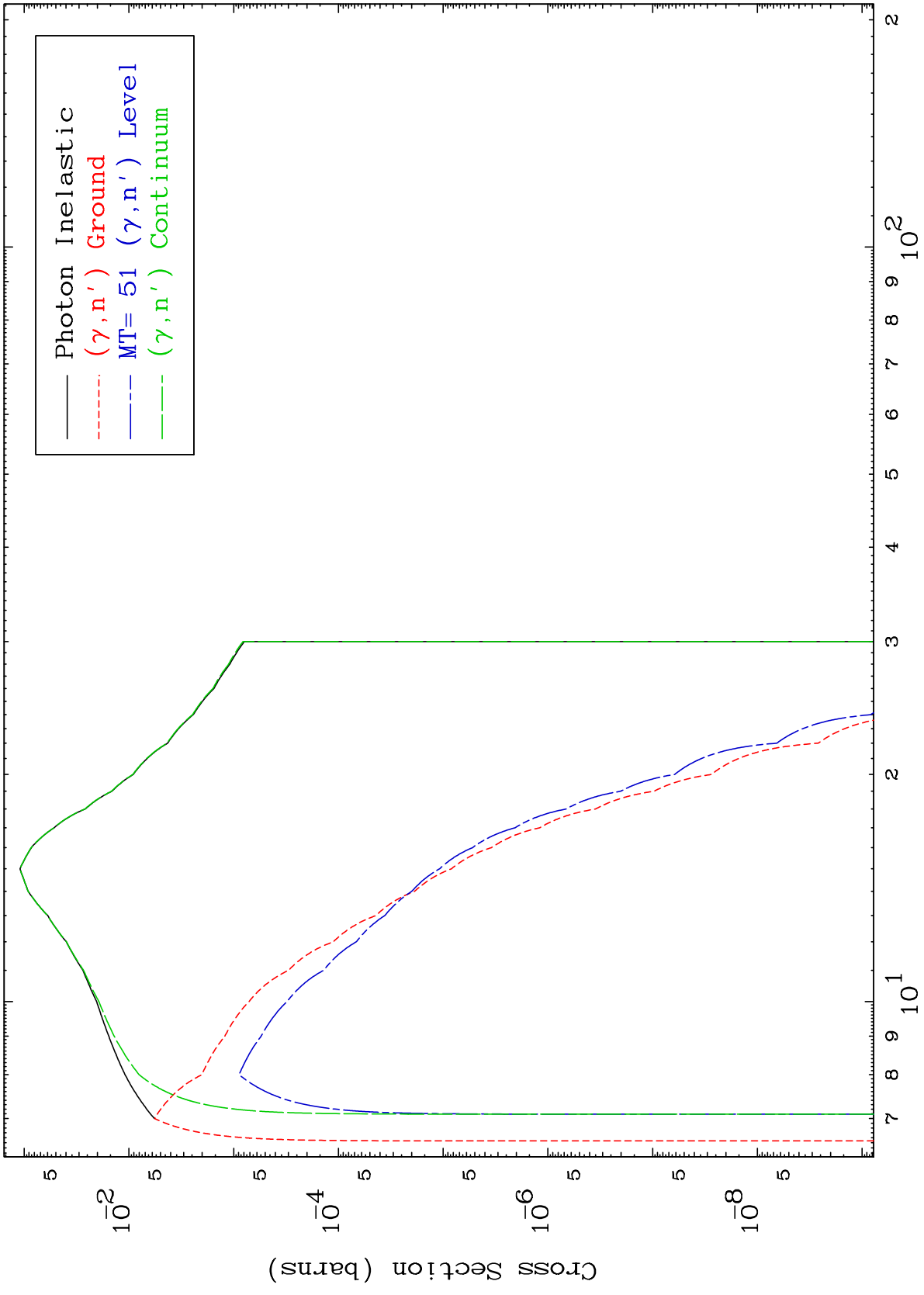
Incident Energy (MeV)

39-Y -92

MAT 3934

(γ, n') Level
0 Kelvin Cross Sections

39-Y -92



4

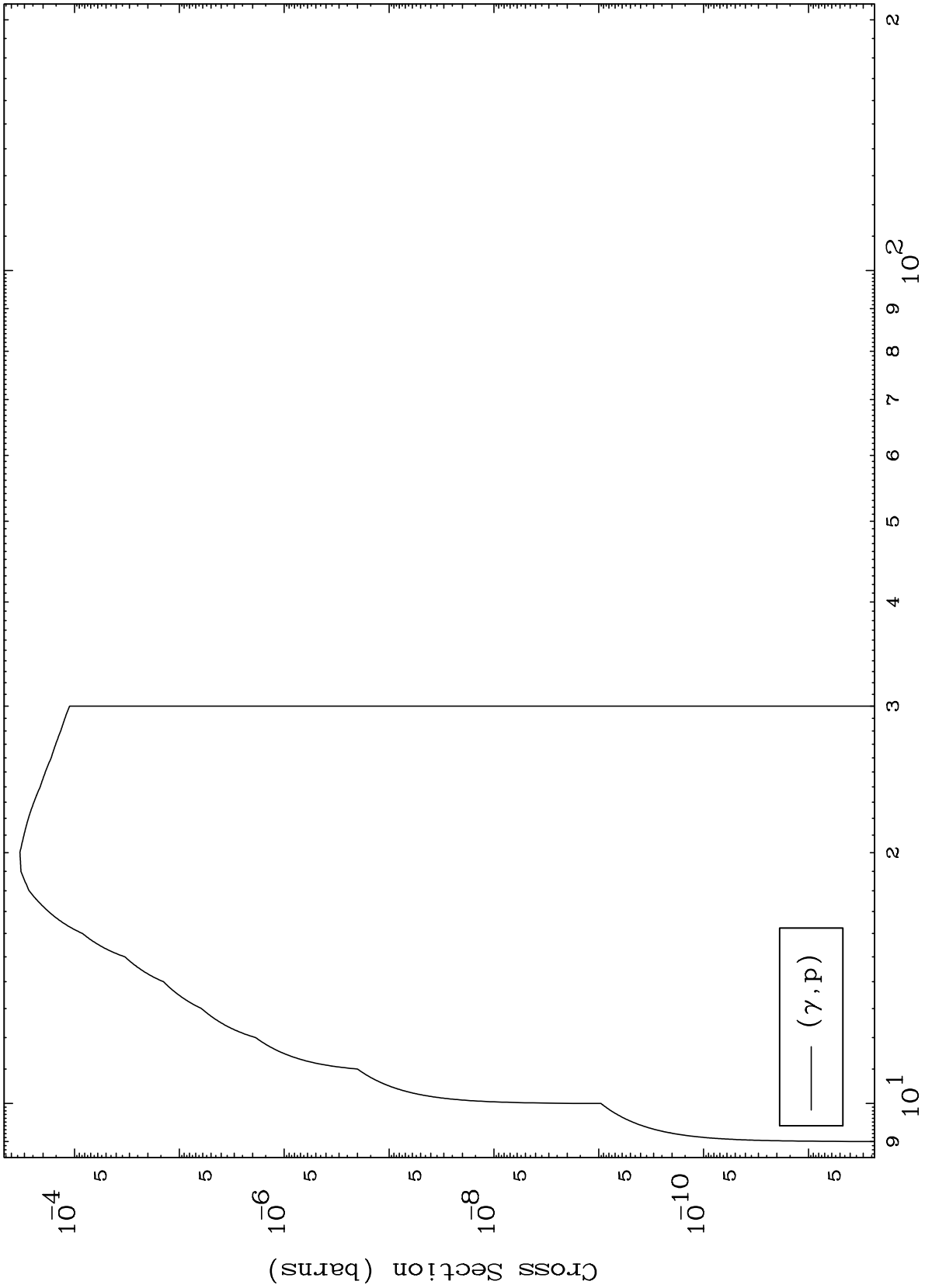
Incident Energy (MeV)

39-Y -92

MAT 3934

(γ, p) Levels
0 Kelvin Cross Sections

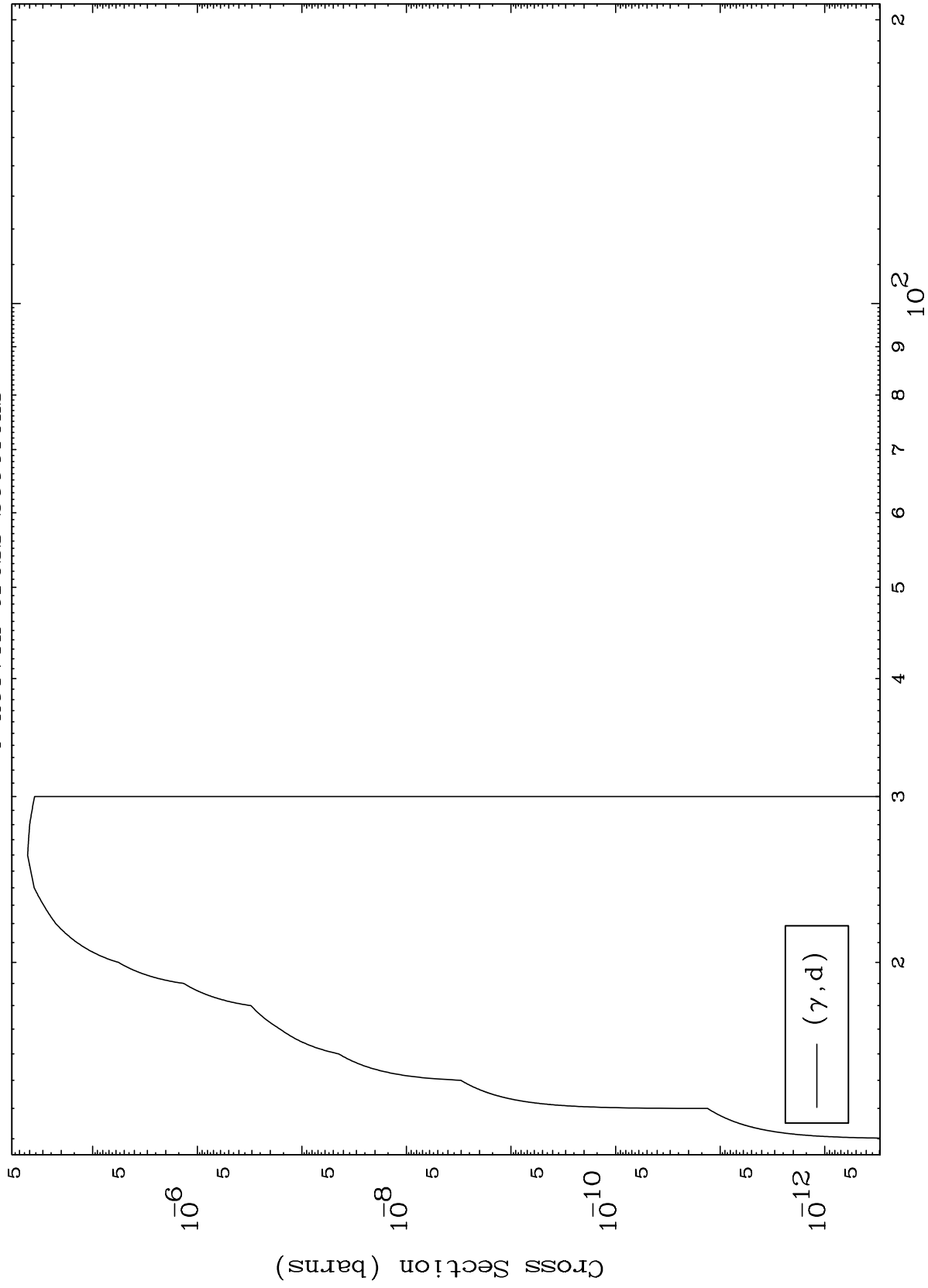
39-Y -92



5

Incident Energy (MeV)

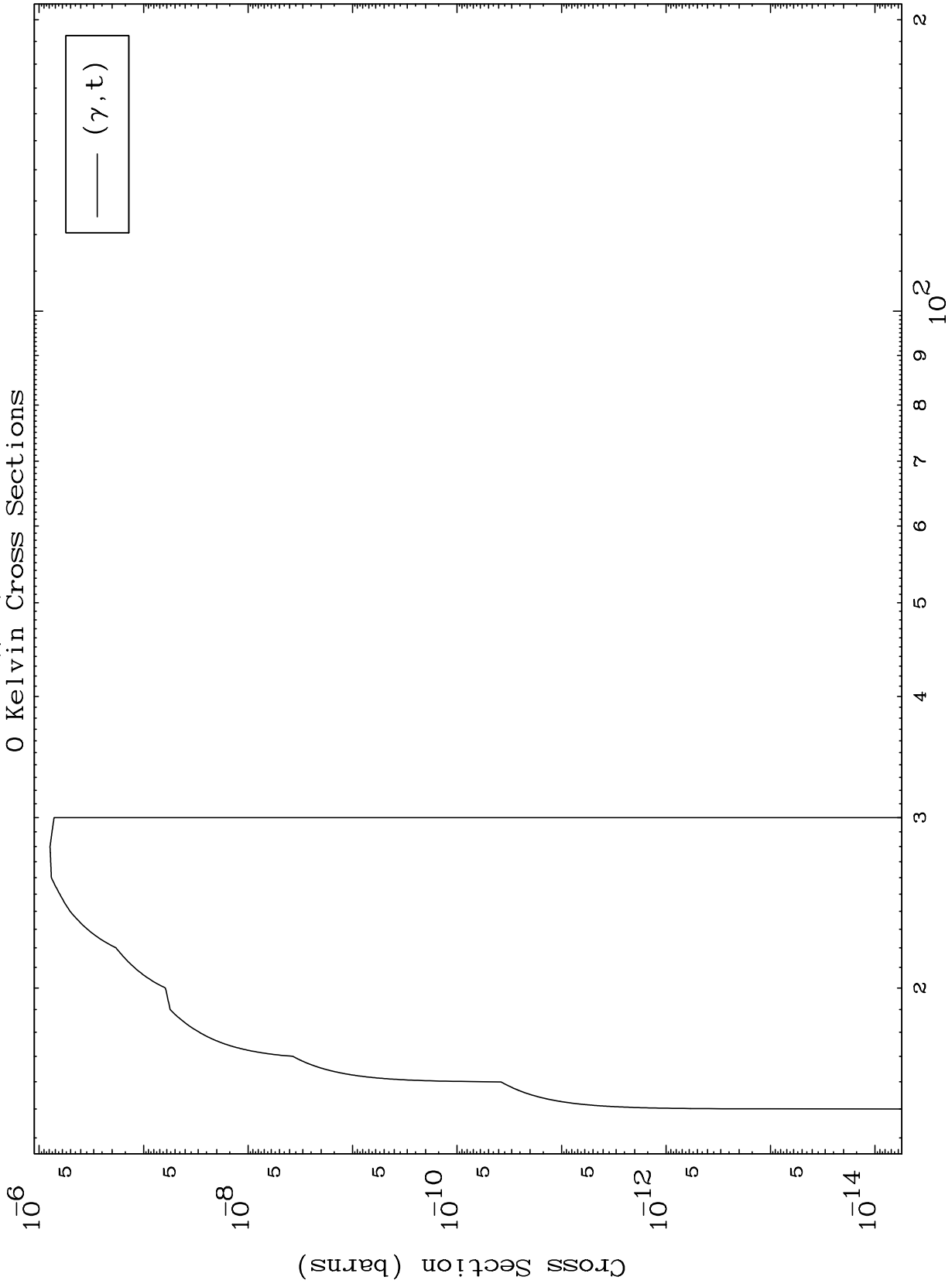
39-Y -92



MAT 3934

(γ, t) Levels
0 Kelvin Cross Sections

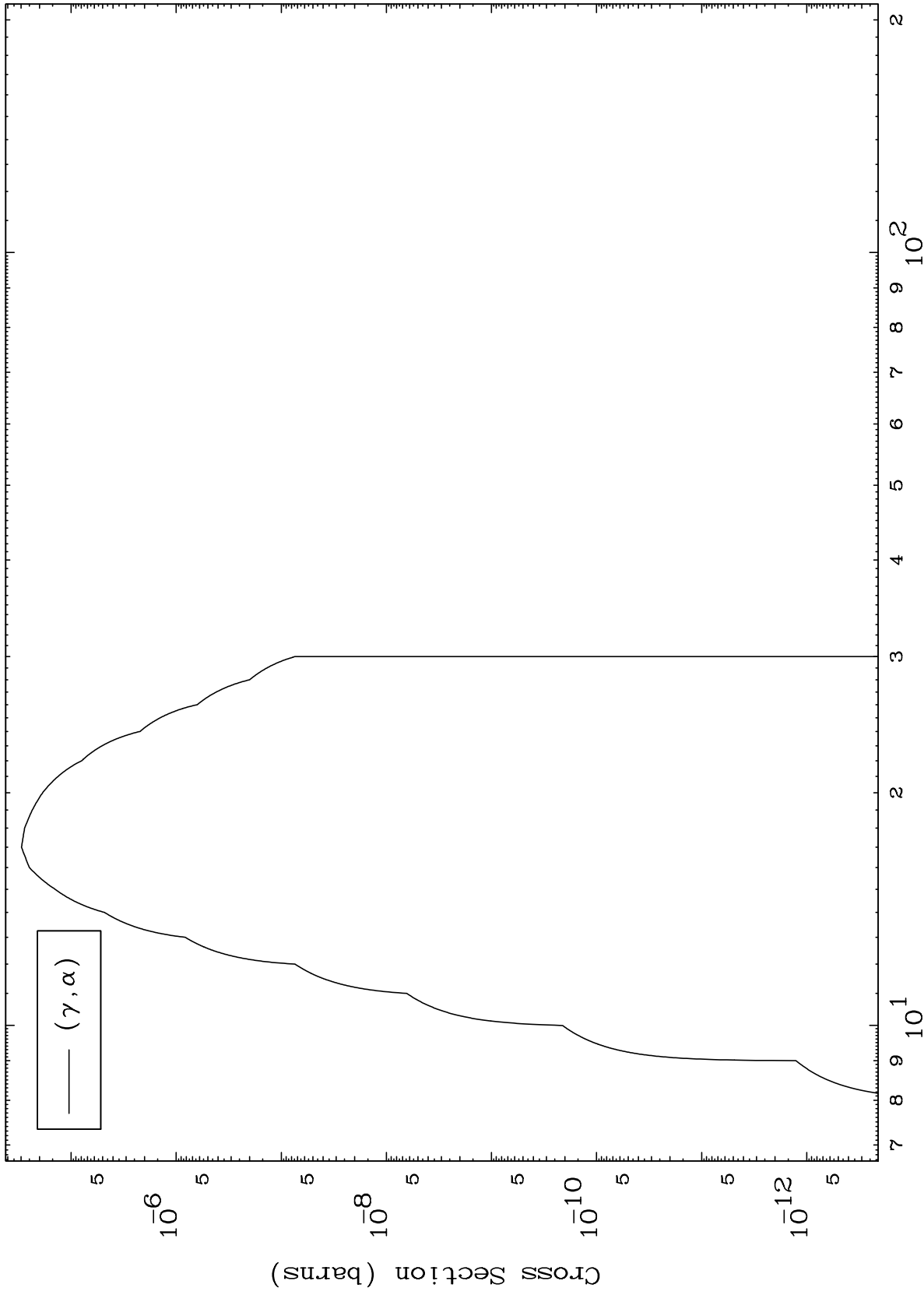
39-Y -92



7

Incident Energy (MeV)

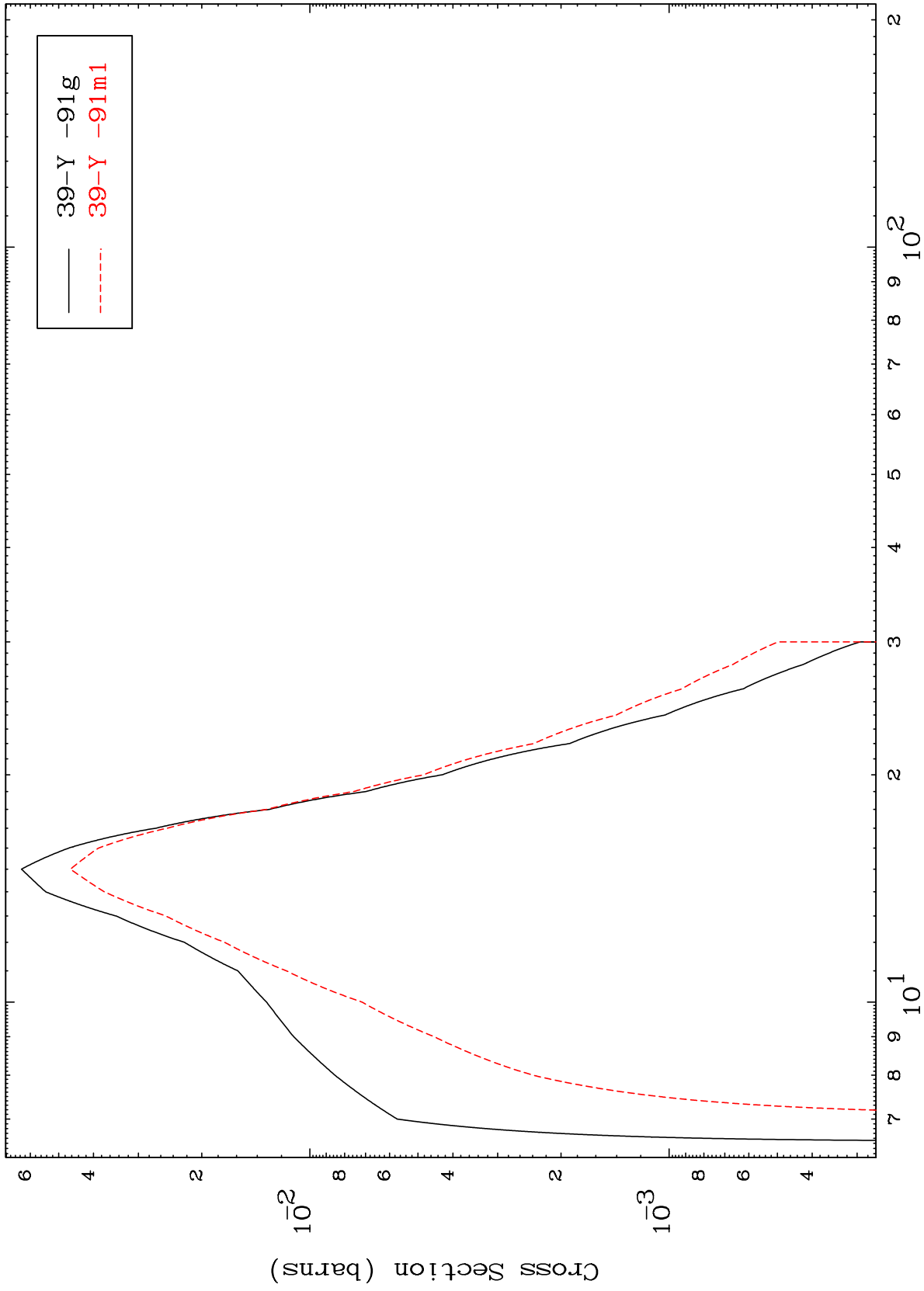
39-Y -92



MAT 3934

Photon Inelastic
Radionuclide Production Cross Section

39-Y -92



9

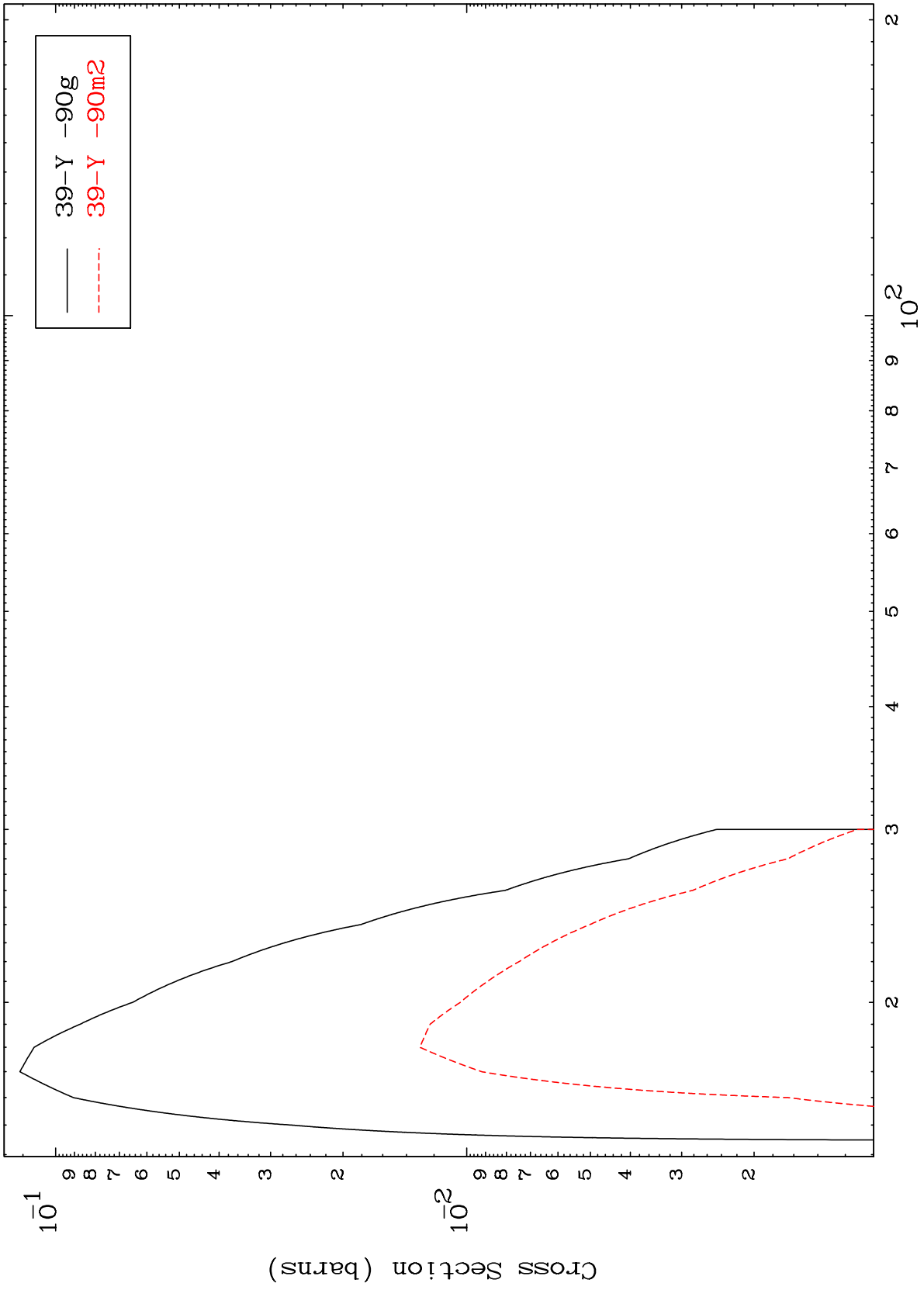
Incident Energy (MeV)

39-Y -92

MAT 3934

39-Y -92

Radionuclide Production Cross Section
($\gamma, 2n$)



10

Incident Energy (MeV)

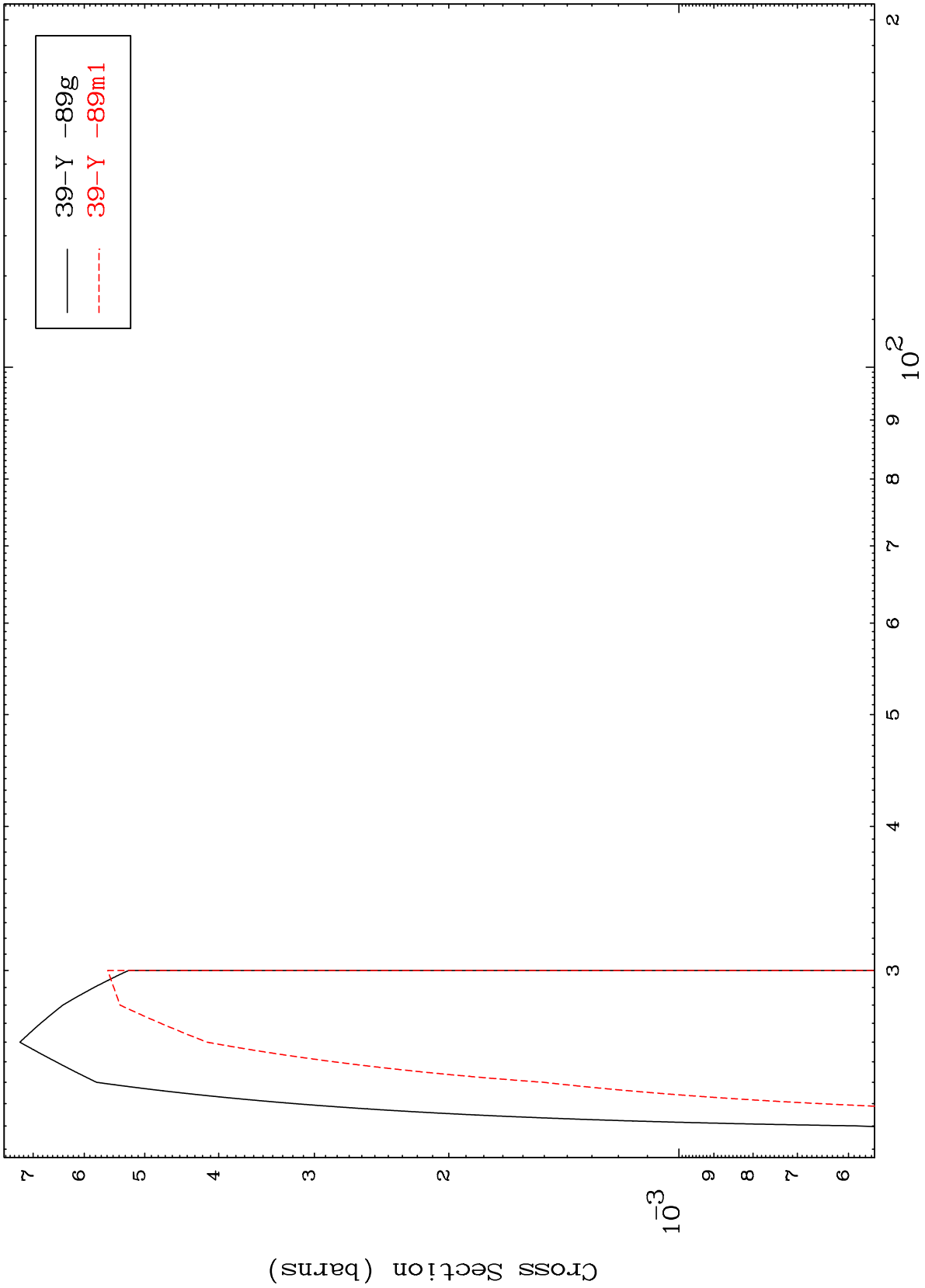
39-Y -92

MAT 3934

($\gamma, 3n$)

39-Y -92

Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

11

Incident Energy (MeV)

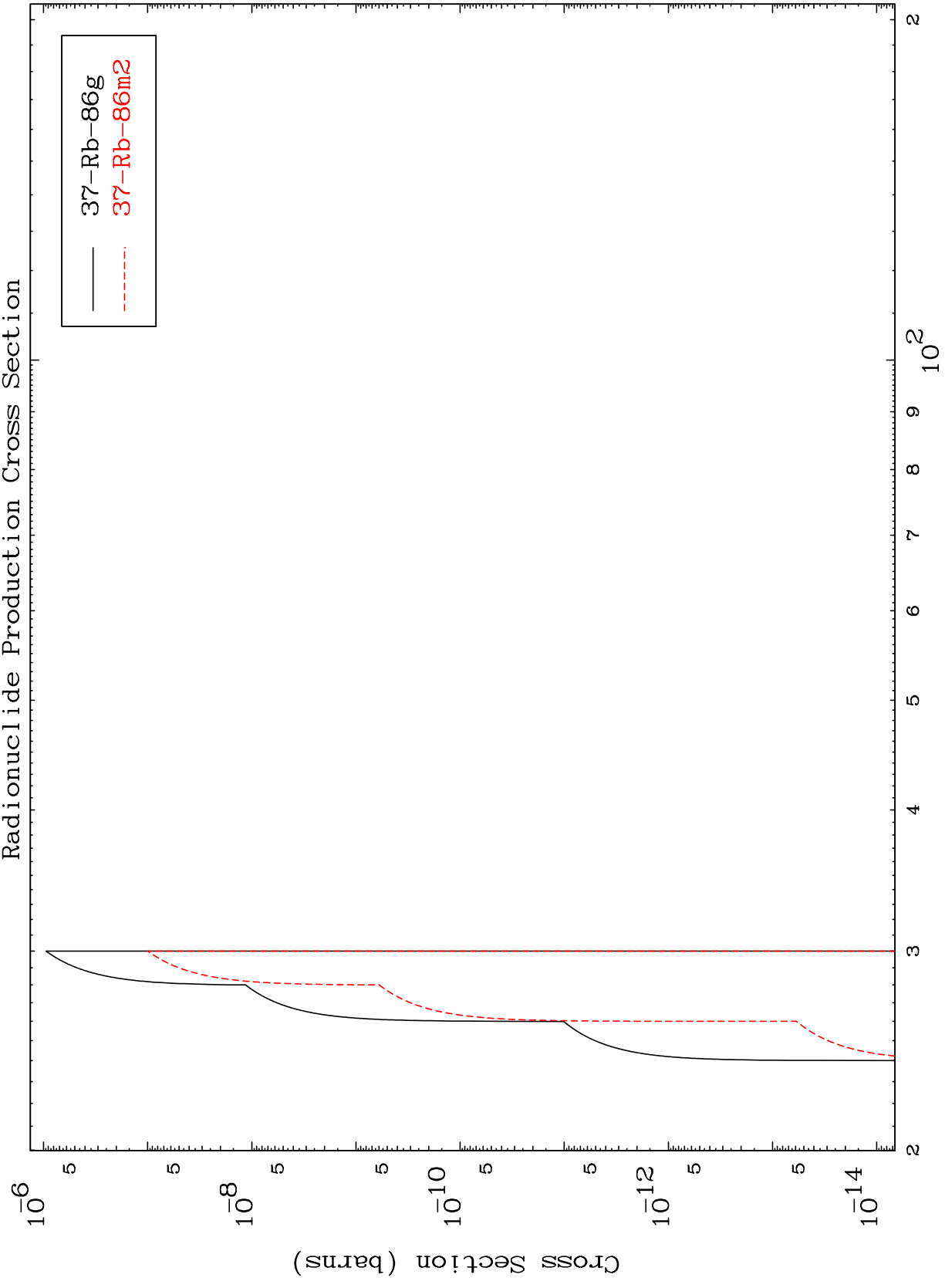
39-Y -92

MAT 3934

$(\gamma, 2n) \alpha$

39-Y -92

Radionuclide Production Cross Section



12

Incident Energy (MeV)

39-Y -92