

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

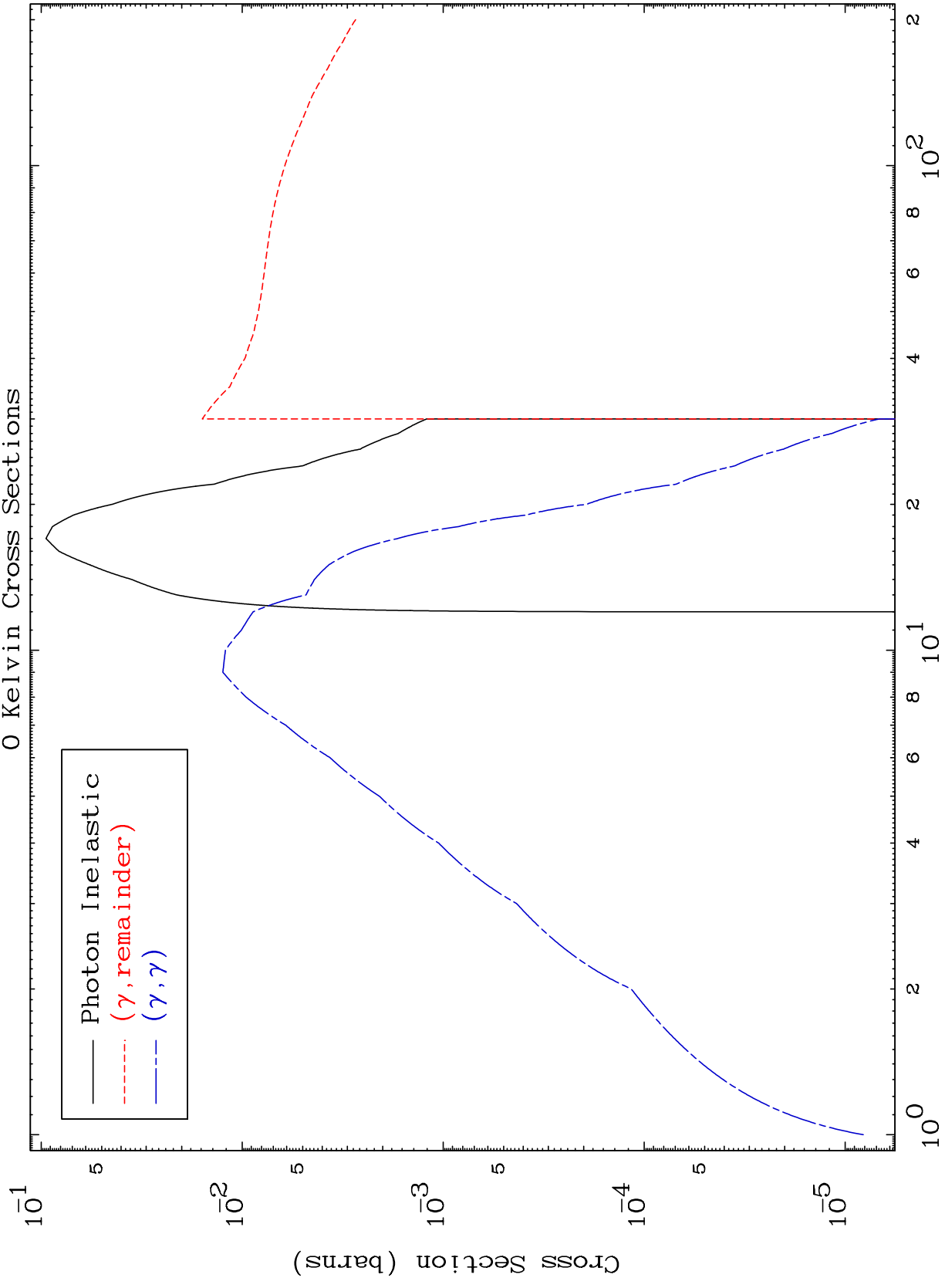
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3914

Photon Major
0 Kelvin Cross Sections

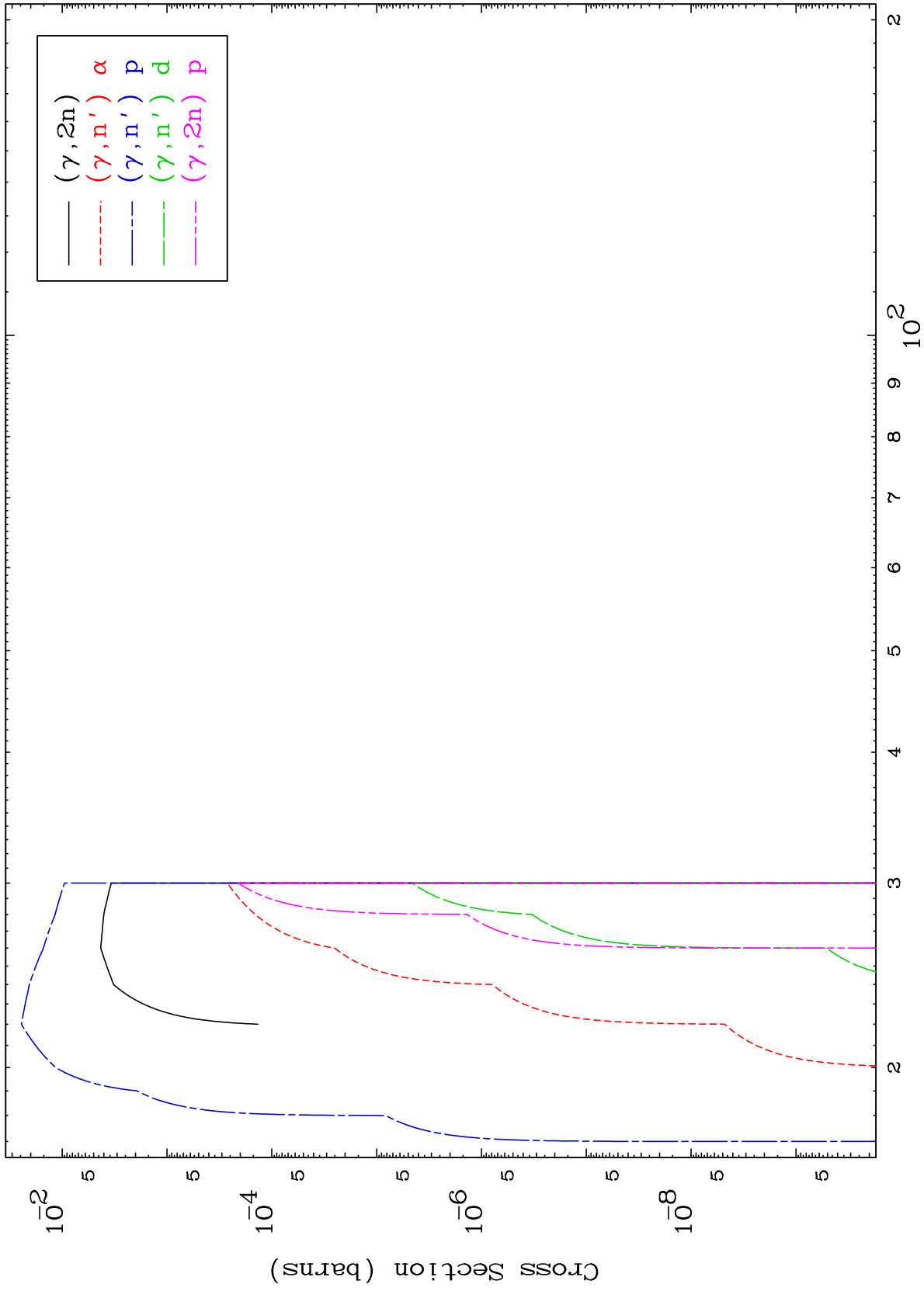
39-Y -85

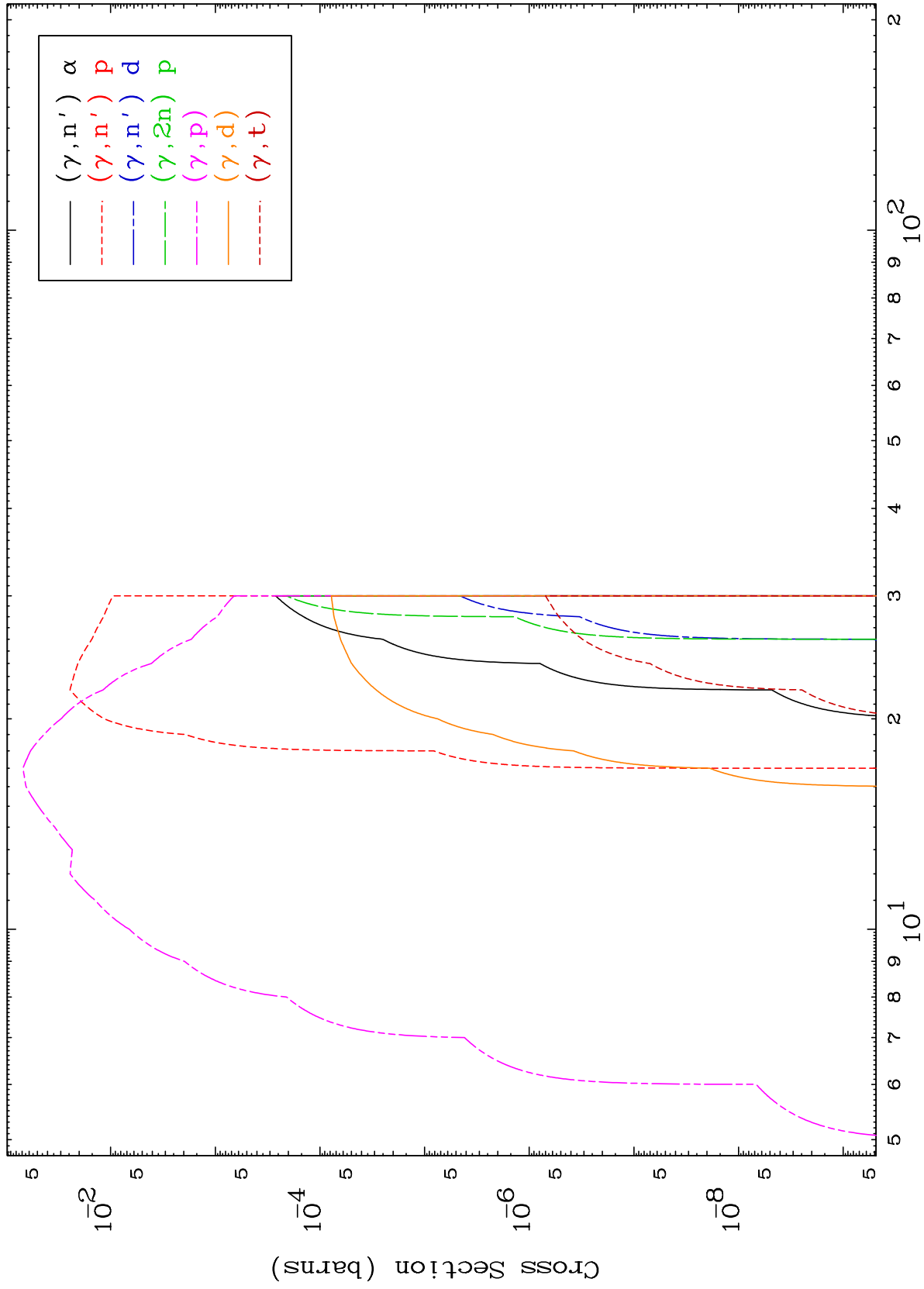


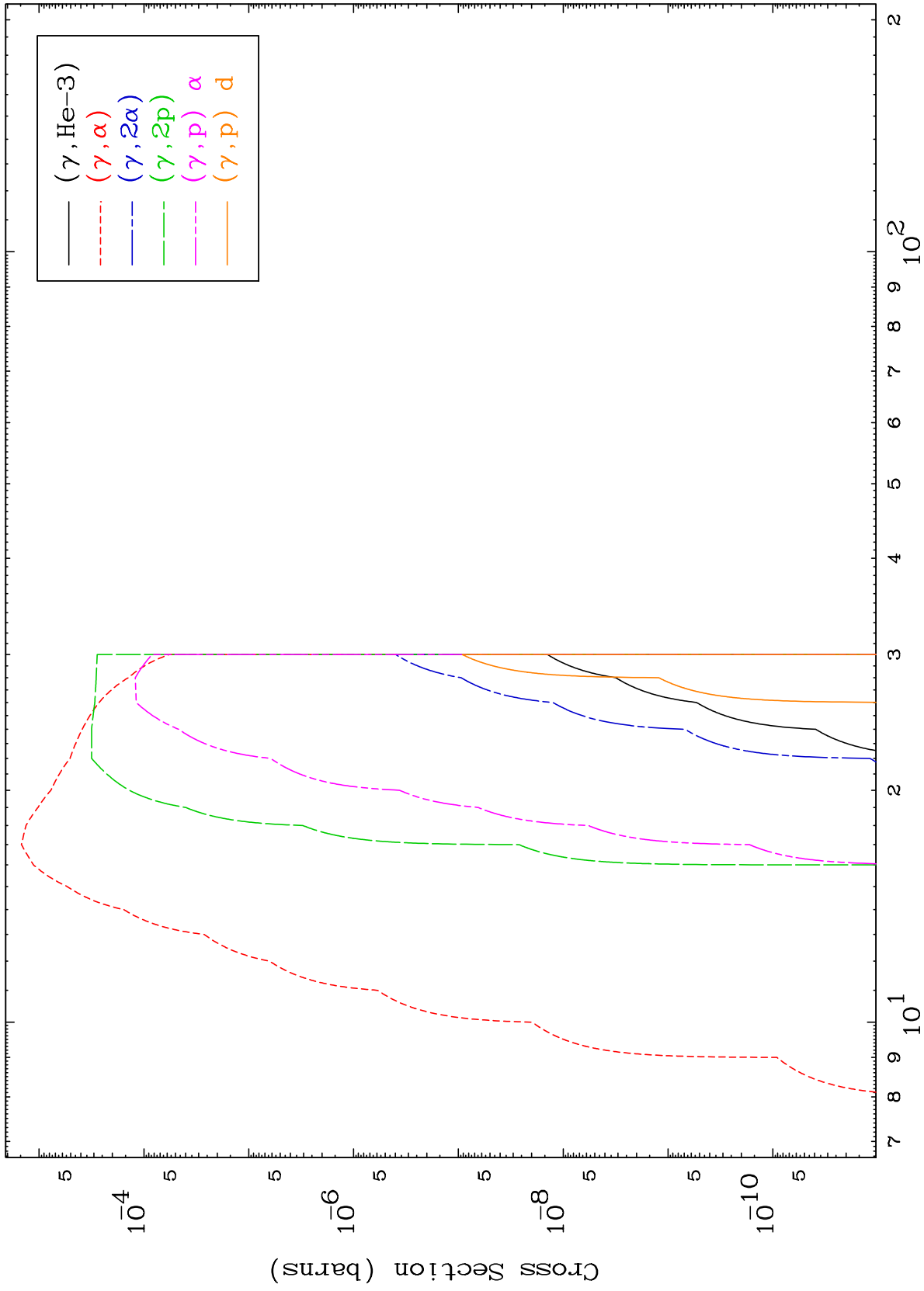
— Photon Inelastic
- - - $(\gamma, \text{remainder})$
- . - (γ, γ)

Incident Energy (MeV)

39-Y -85



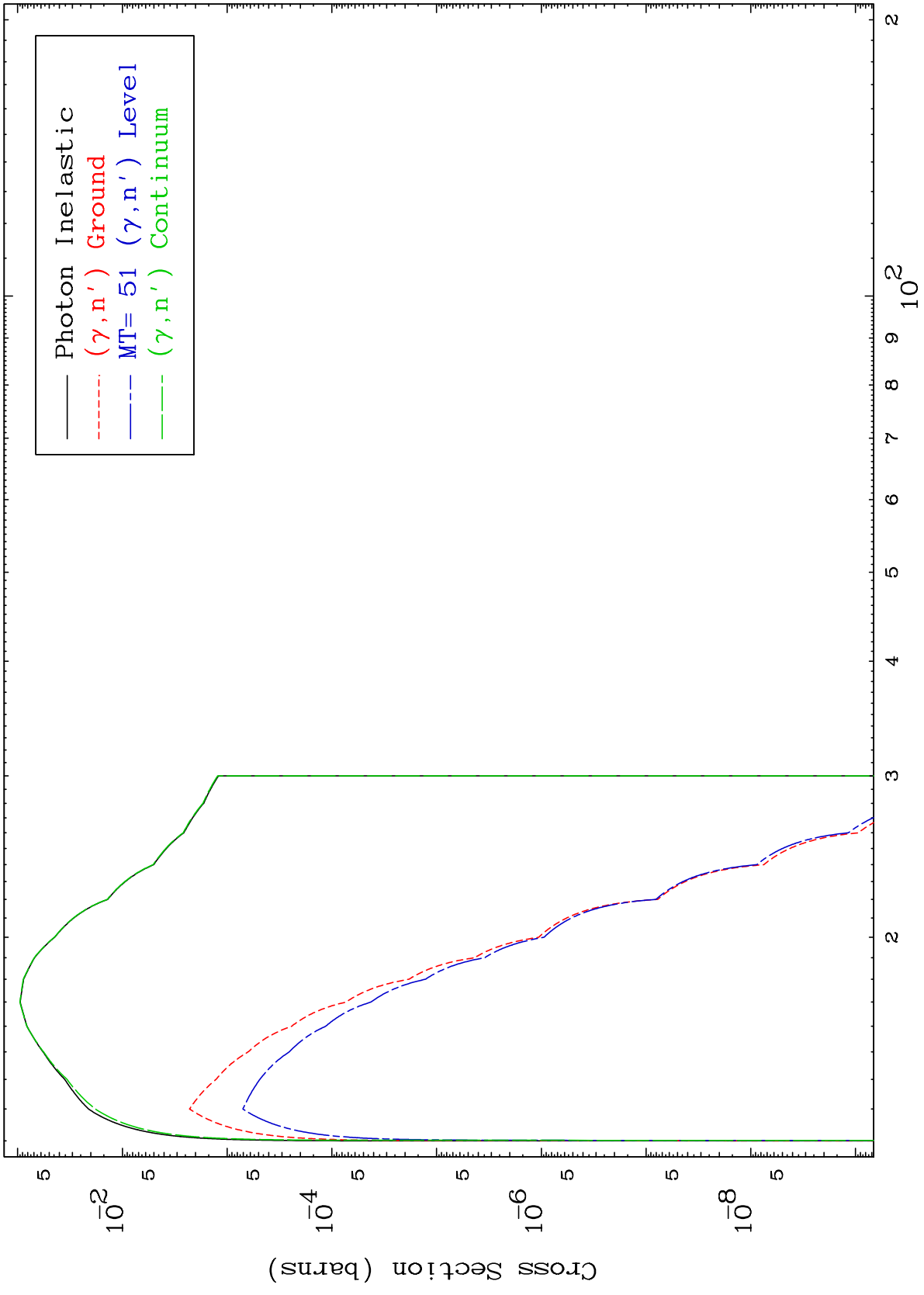




MAT 3914

(γ, n') Level
0 Kelvin Cross Sections

39-Y -85



5

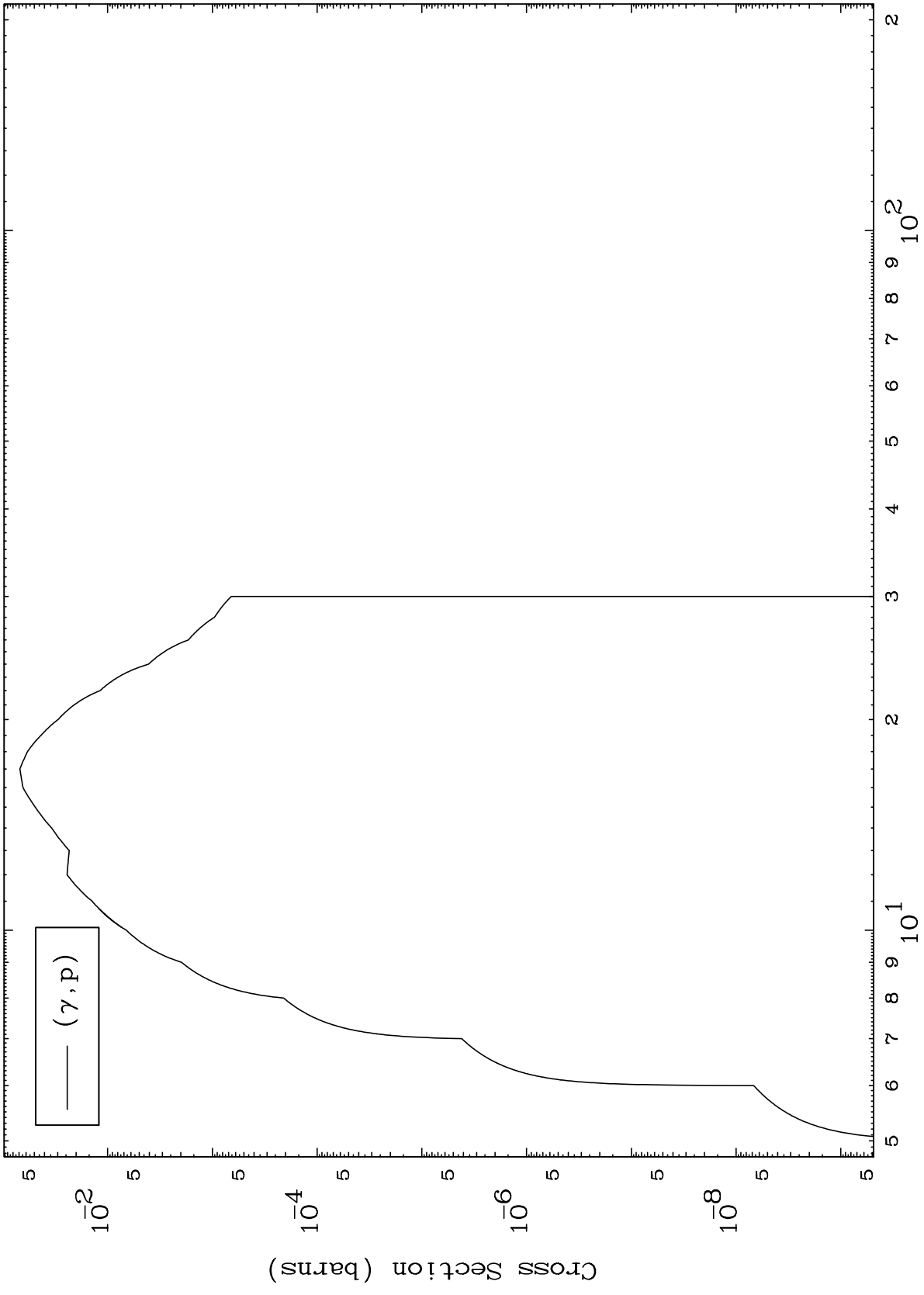
Incident Energy (MeV)

39-Y -85

MAT 3914

(γ, p) Levels
0 Kelvin Cross Sections

39-Y -85



Incident Energy (MeV)

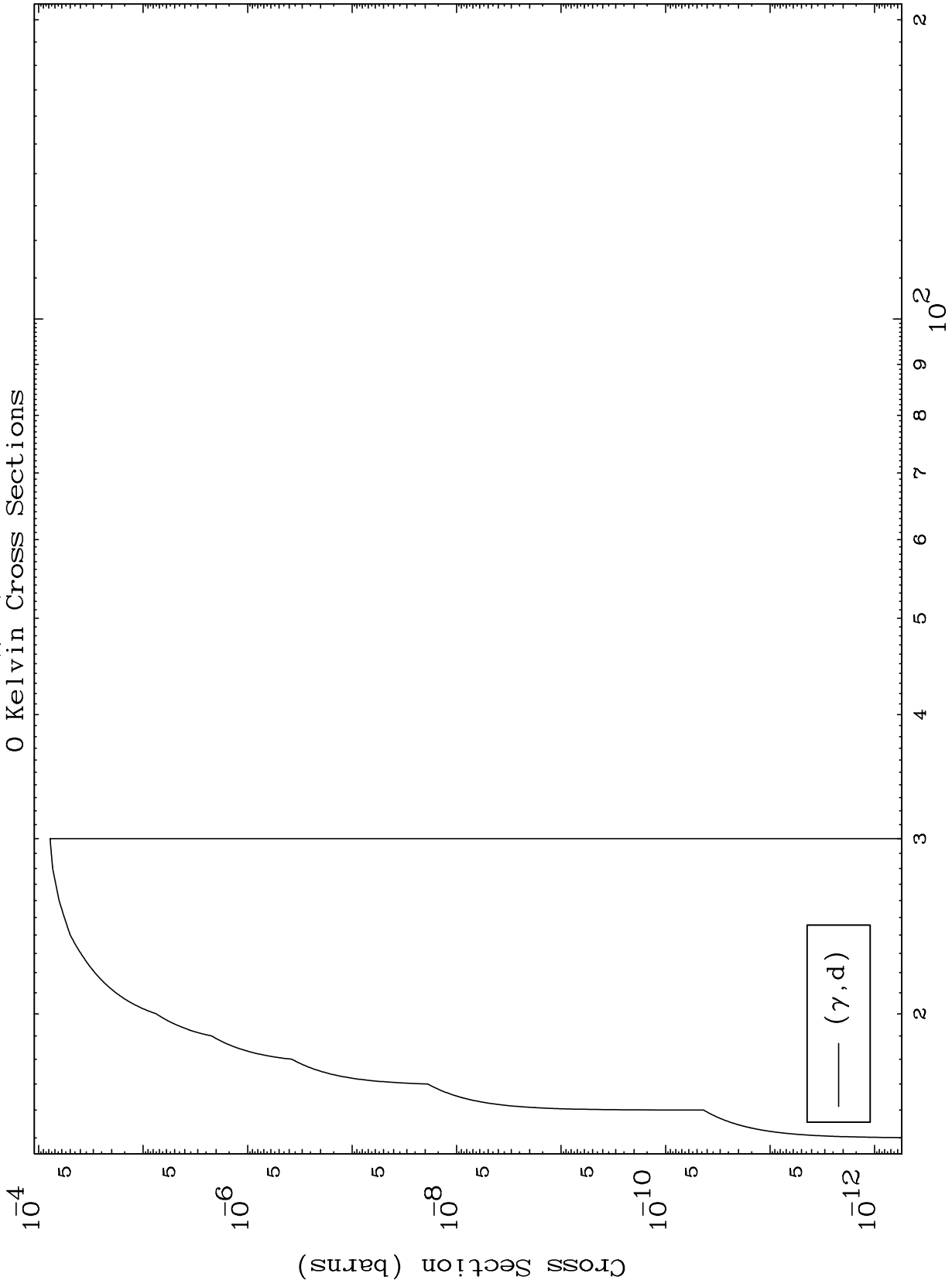
39-Y -85

6

MAT 3914

(γ, d) Levels
0 Kelvin Cross Sections

39-Y -85



γ

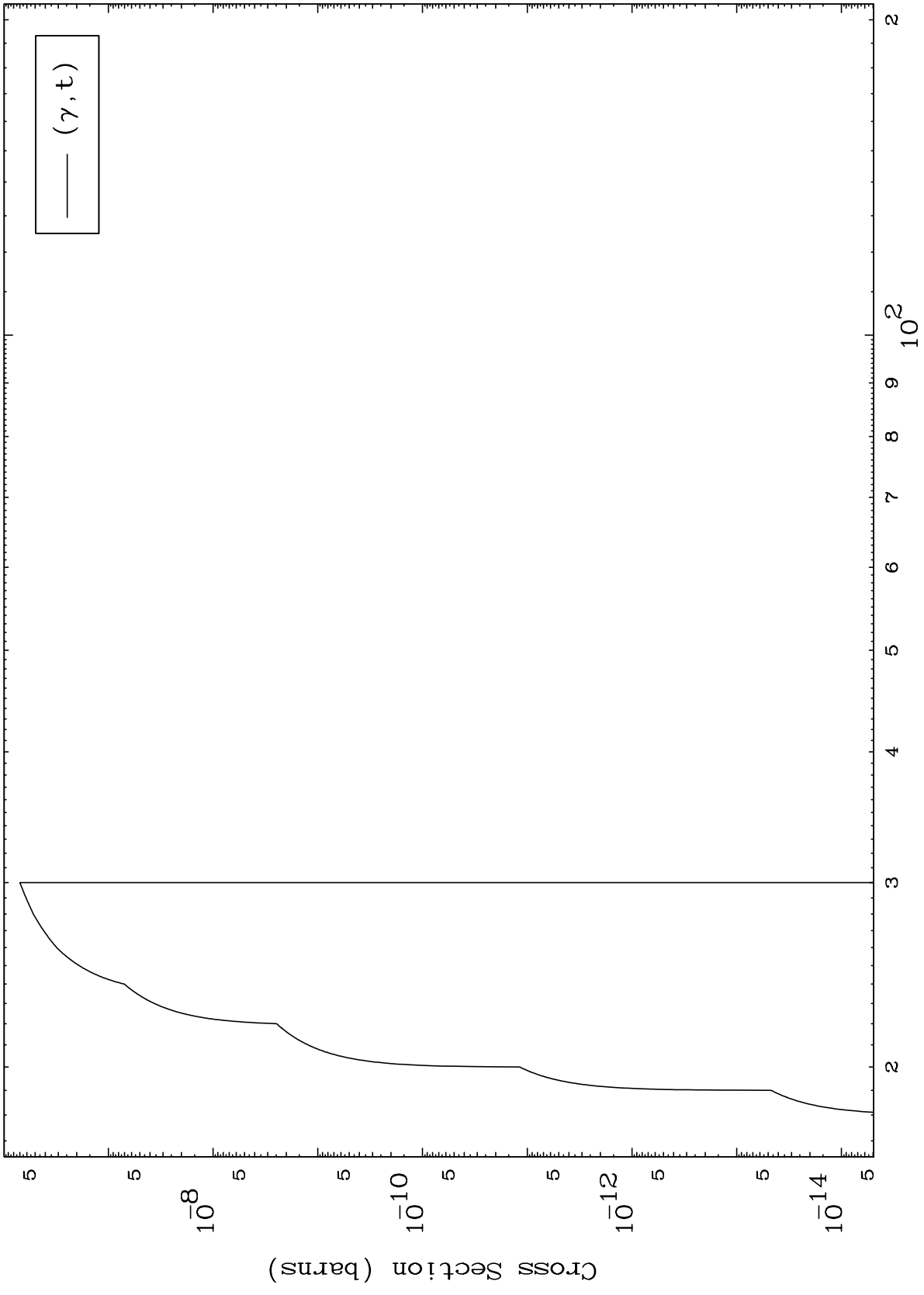
Incident Energy (MeV)

39-Y -85

MAT 3914

(γ, t) Levels
0 Kelvin Cross Sections

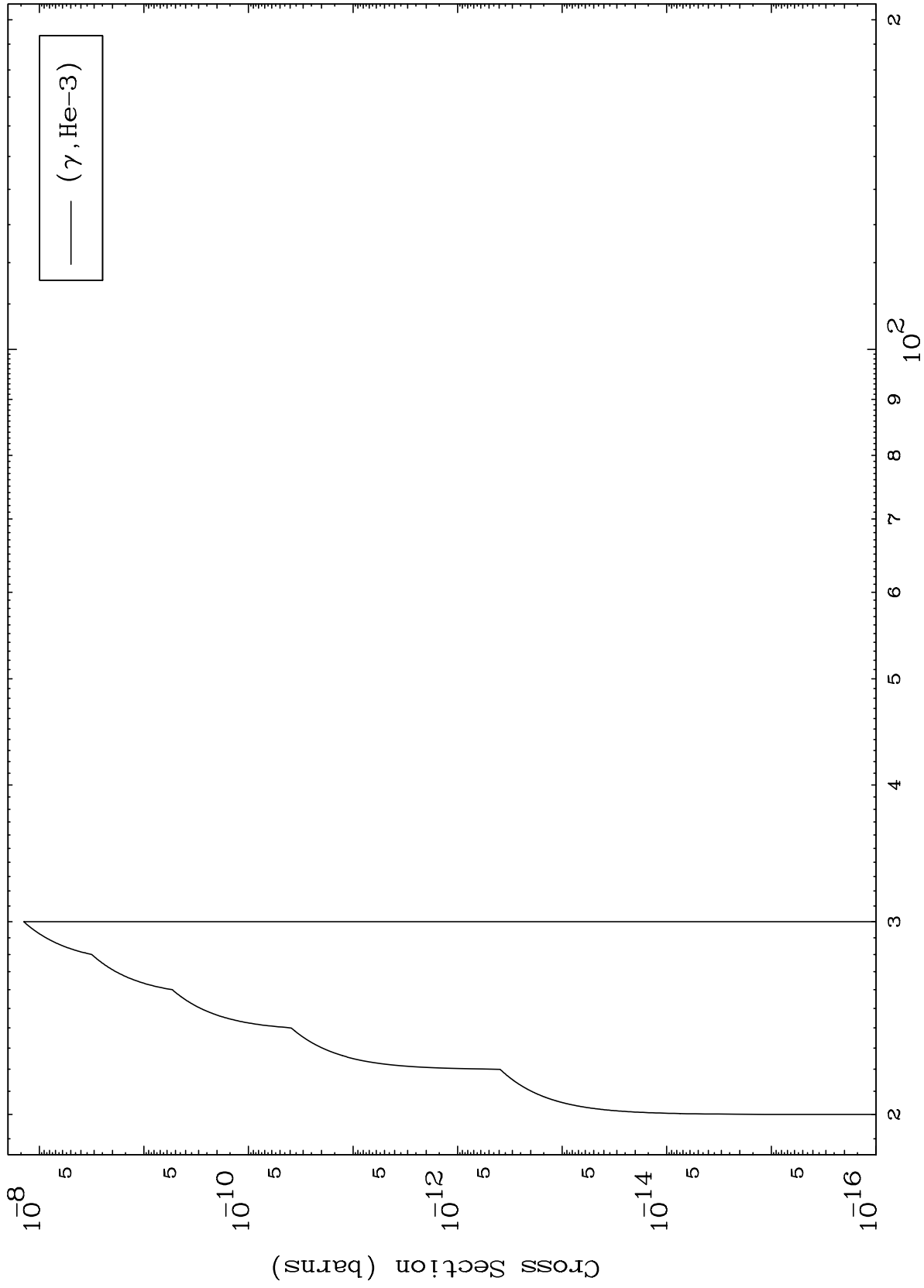
39-Y -85



8

Incident Energy (MeV)

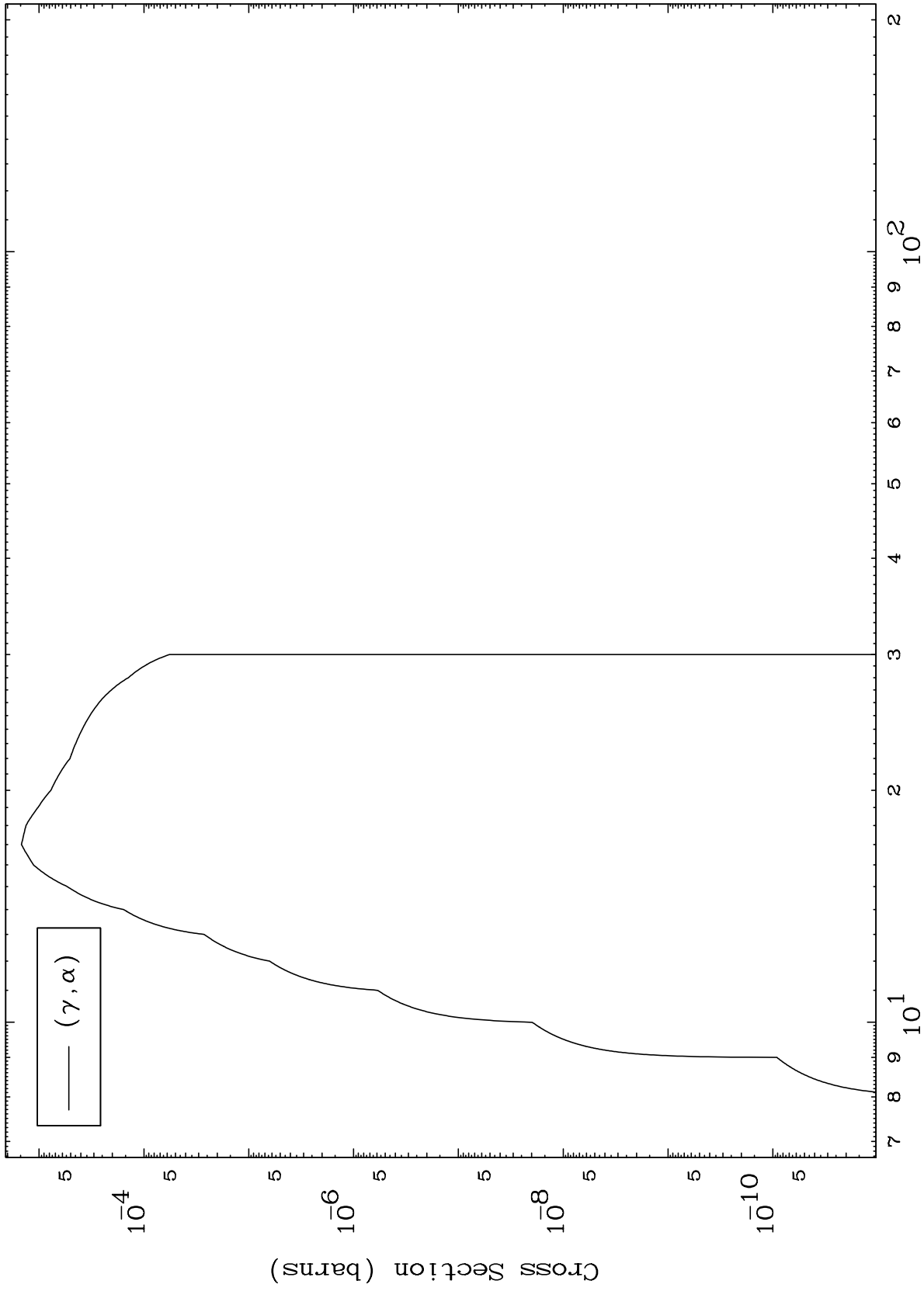
39-Y -85



MAT 3914

(γ, α) Levels
0 Kelvin Cross Sections

39-Y -85



10

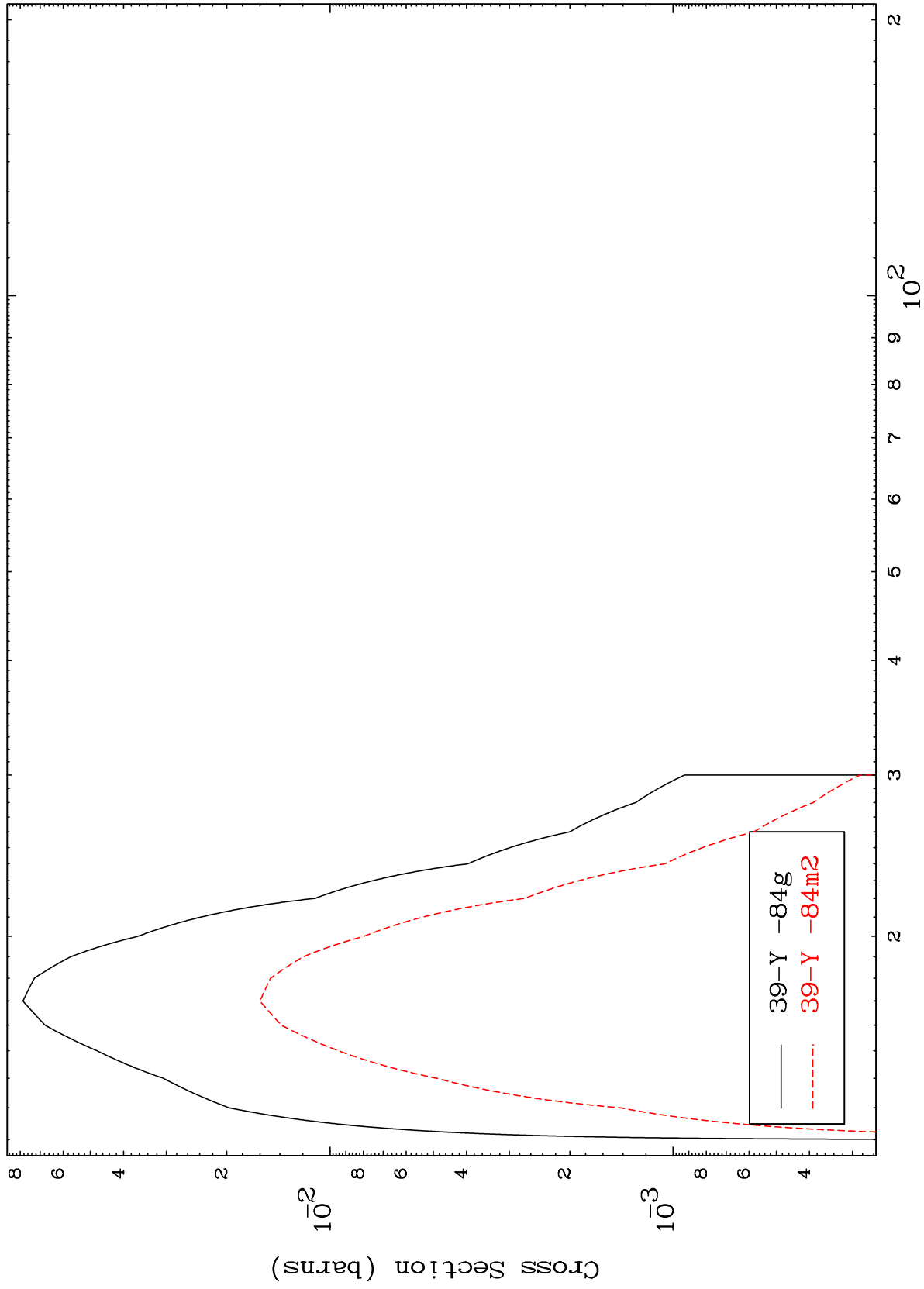
Incident Energy (MeV)

39-Y -85

MAT 3914

Photon Inelastic
Radionuclide Production Cross Section

39-Y -85



11

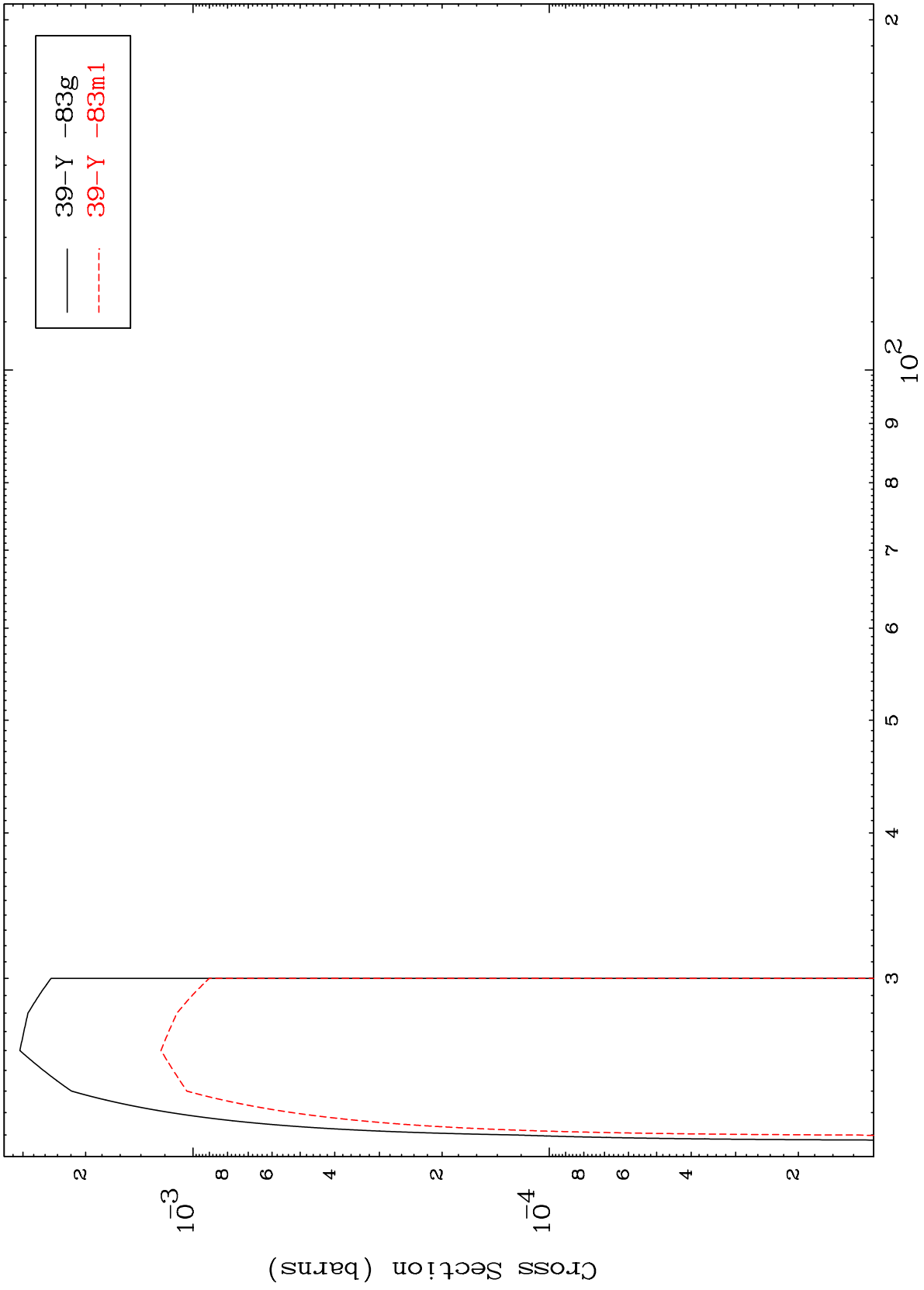
Incident Energy (MeV)

39-Y -85

MAT 3914

39-Y -85

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



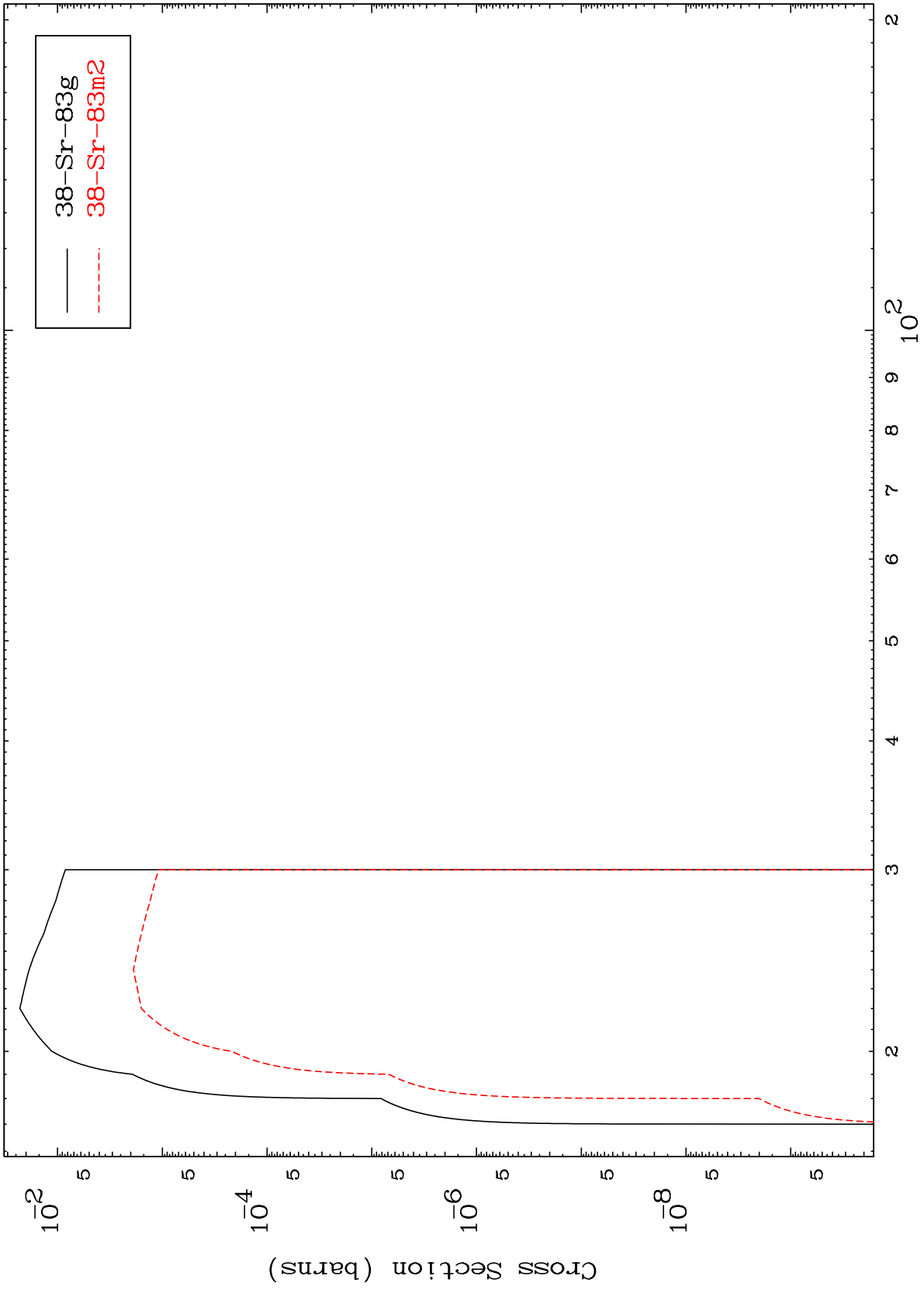
12

39-Y -85

MAT 3914

39-Y -85

(γ, n') p
Radionuclide Production Cross Section



13

Incident Energy (MeV)

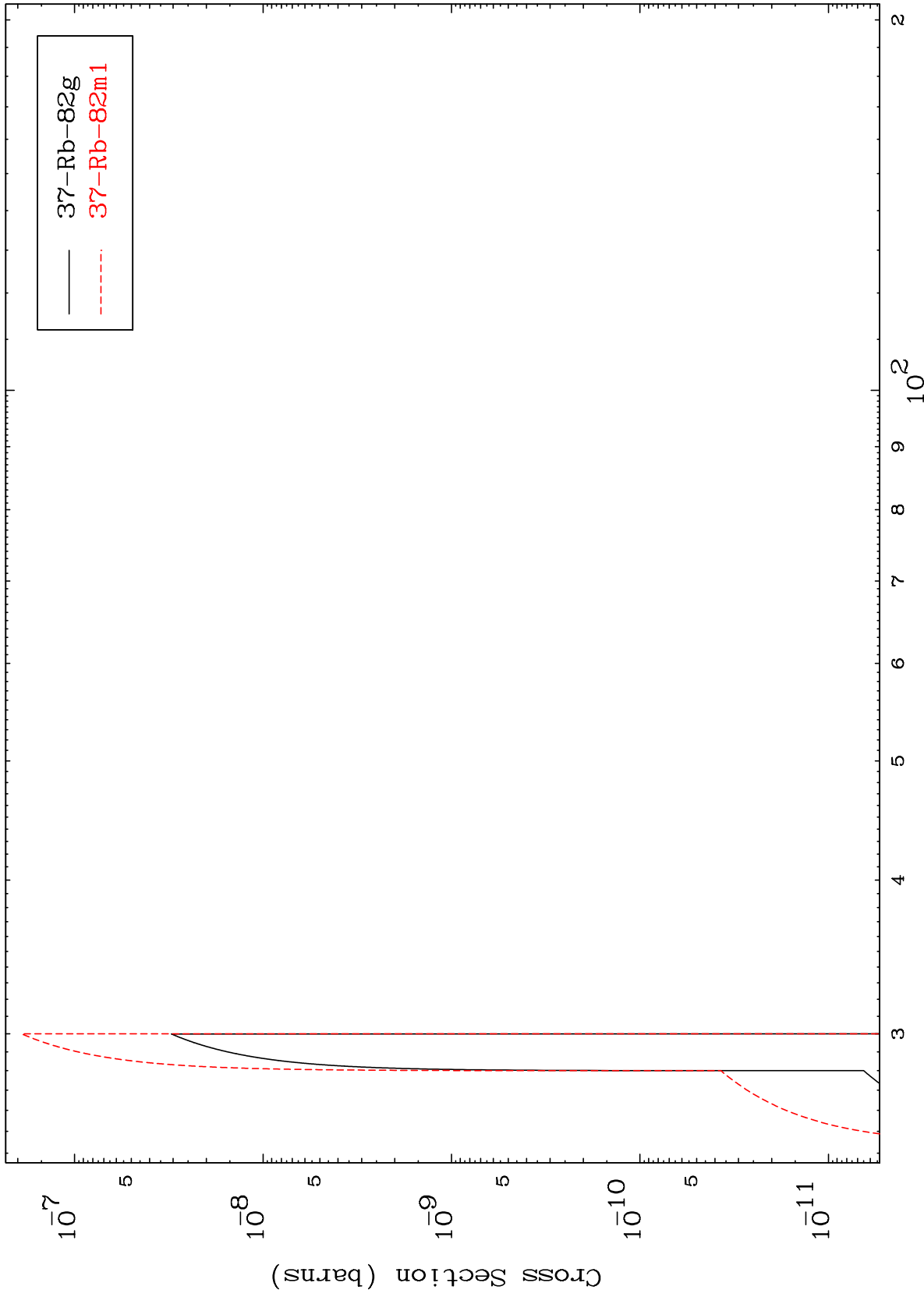
39-Y -85

MAT 3914

($\gamma, 2n$) p

39-Y -85

Radionuclide Production Cross Section



14

Incident Energy (MeV)

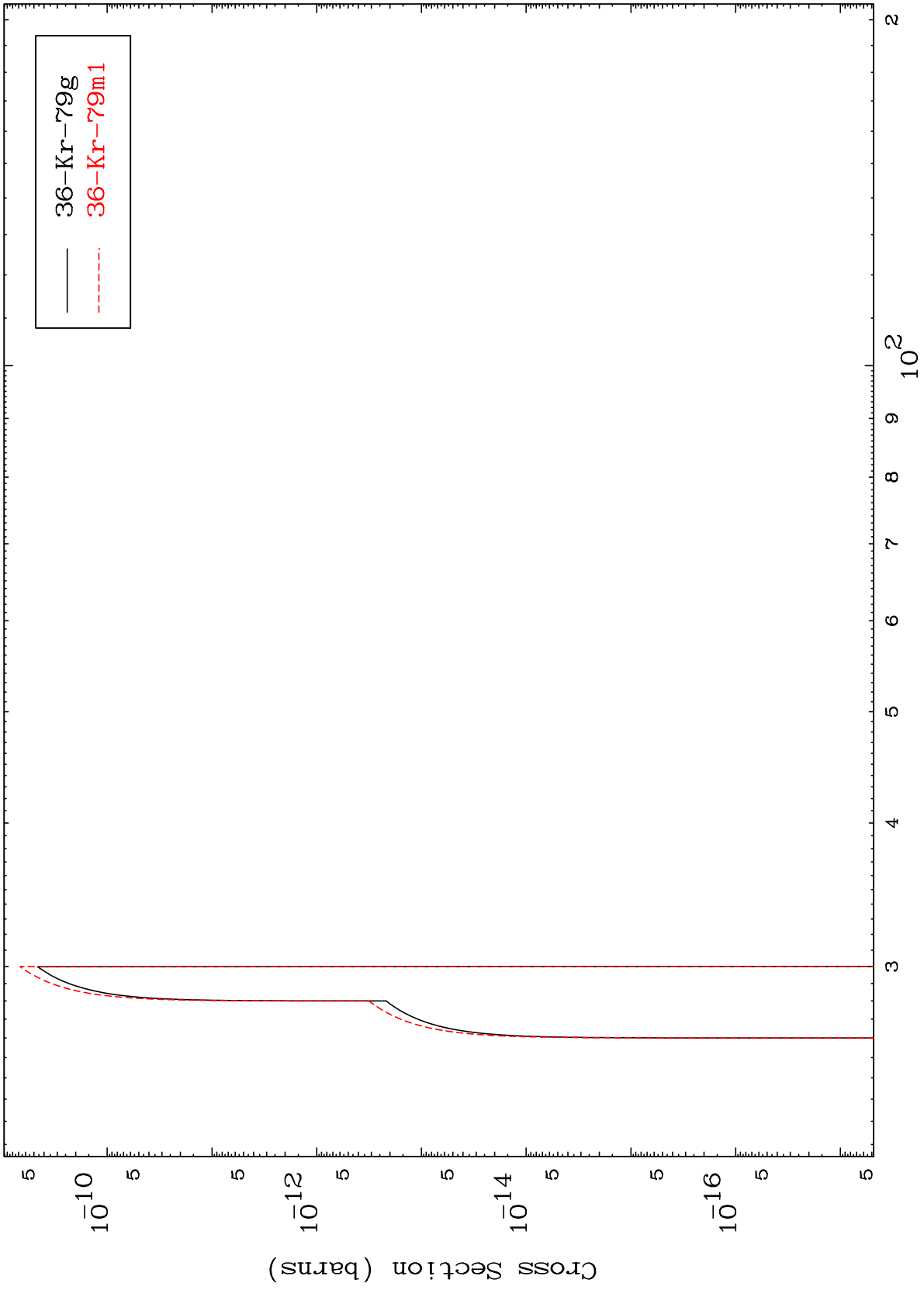
39-Y -85

MAT 3914

(γ, n') p α

39-Y -85

Radionuclide Production Cross Section



15

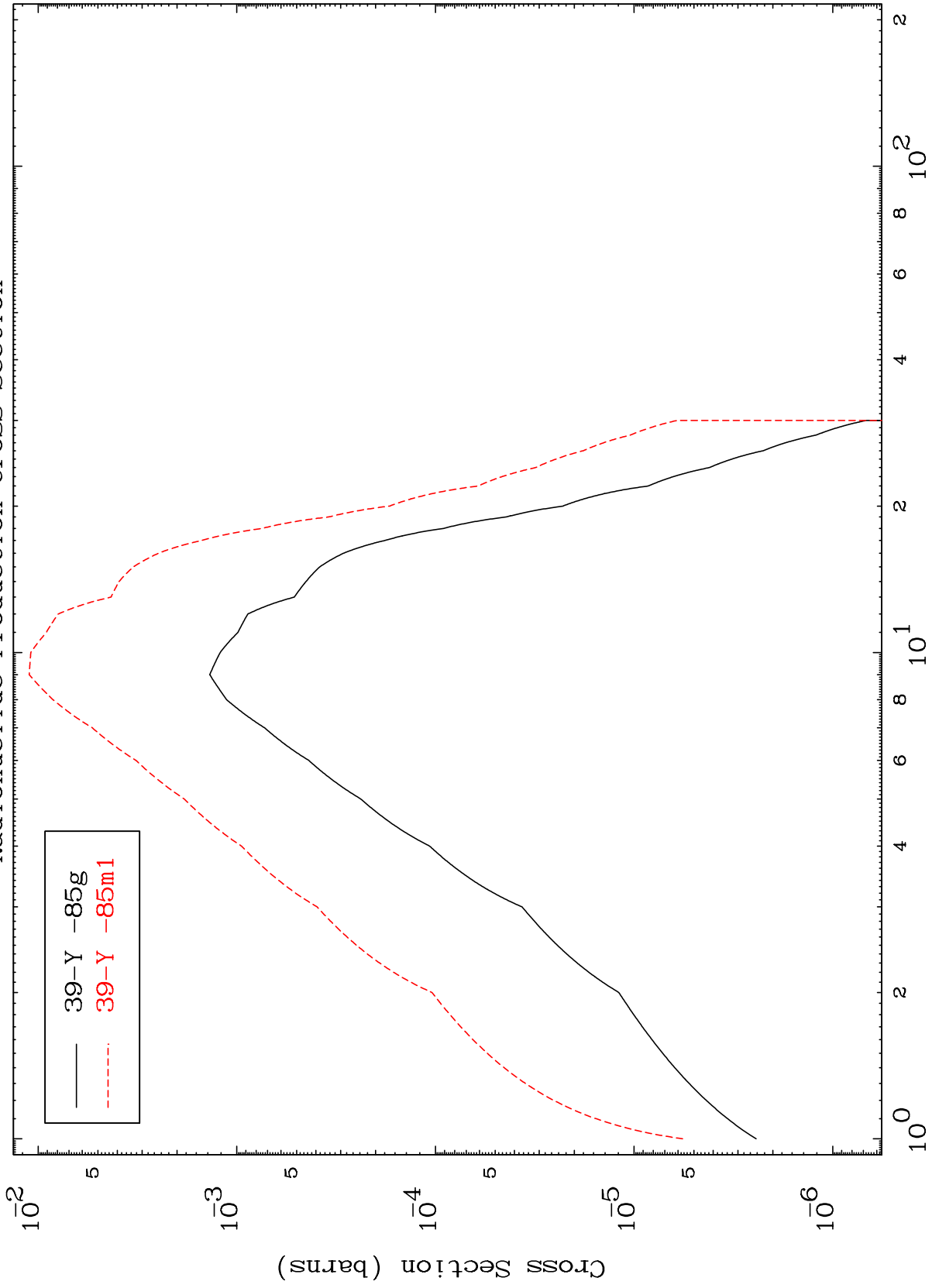
Incident Energy (MeV)

39-Y -85

MAT 3914

Radionuclide Production Cross Section
(γ, γ)

39-Y -85



39-Y -85g
39-Y -85m1

Incident Energy (MeV)

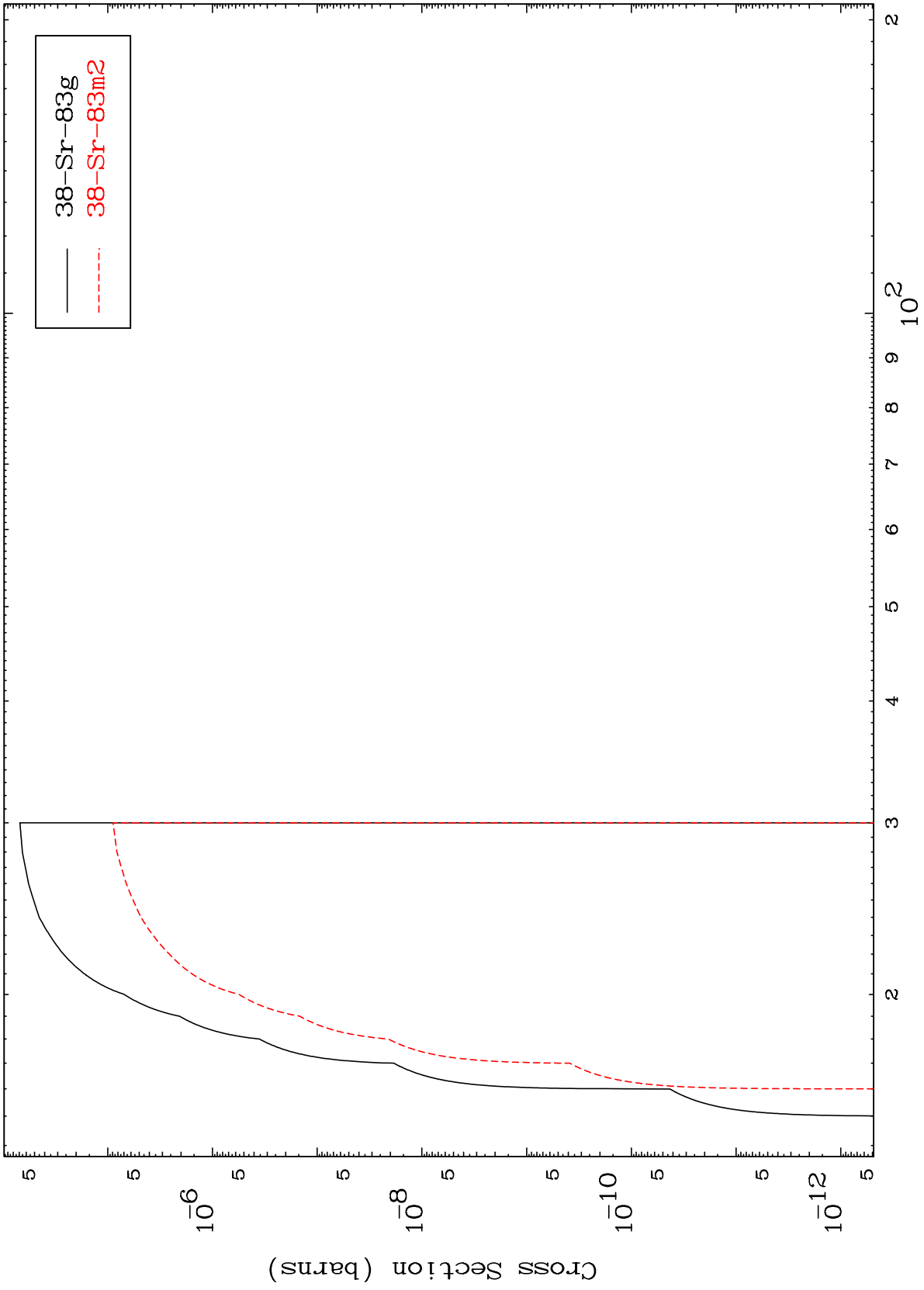
39-Y -85

MAT 3914

(γ, d)

39-Y -85

Radionuclide Production Cross Section



17

Incident Energy (MeV)

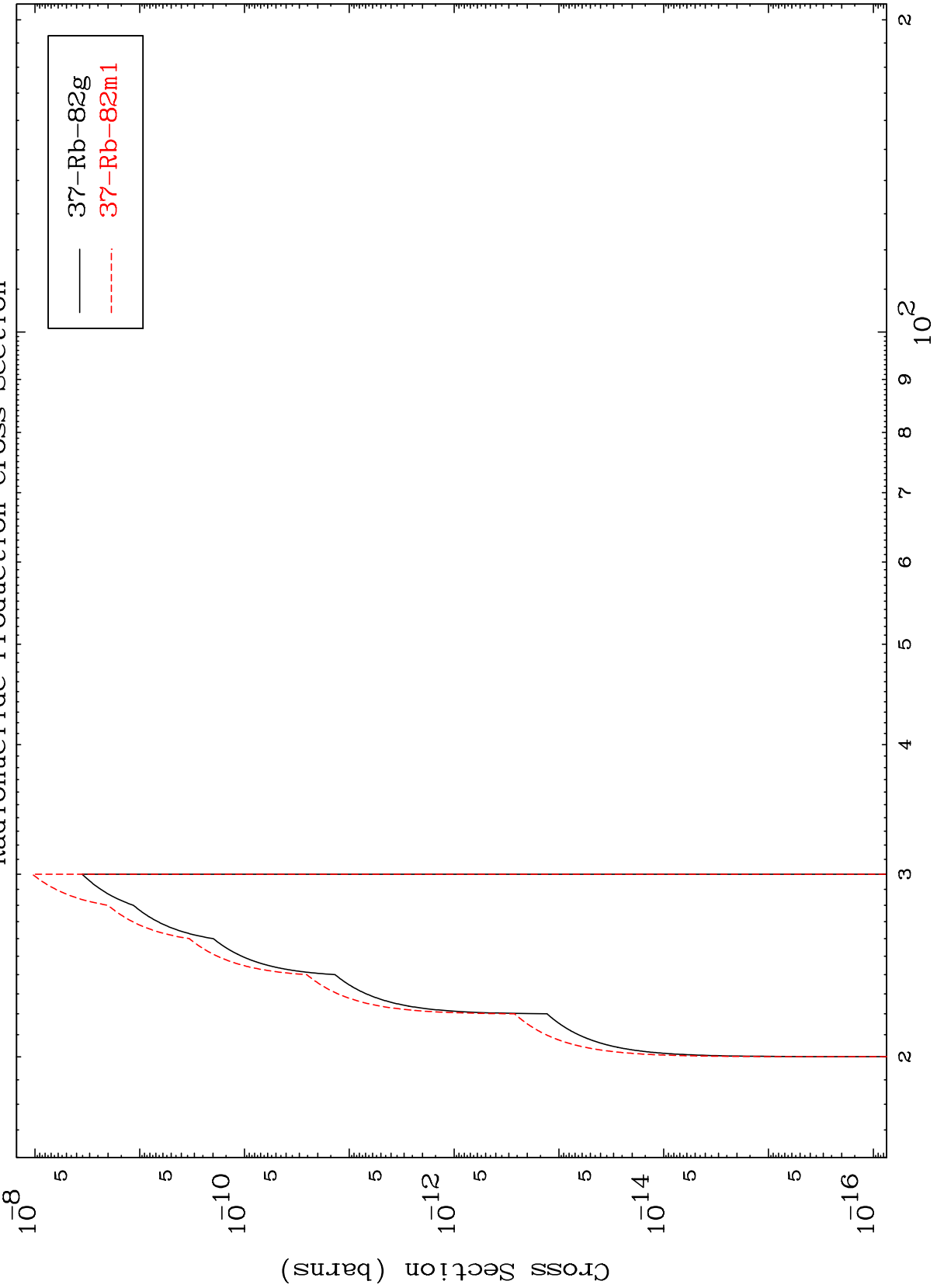
39-Y -85

MAT 3914

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

39-Y -85

Radionuclide Production Cross Section



18

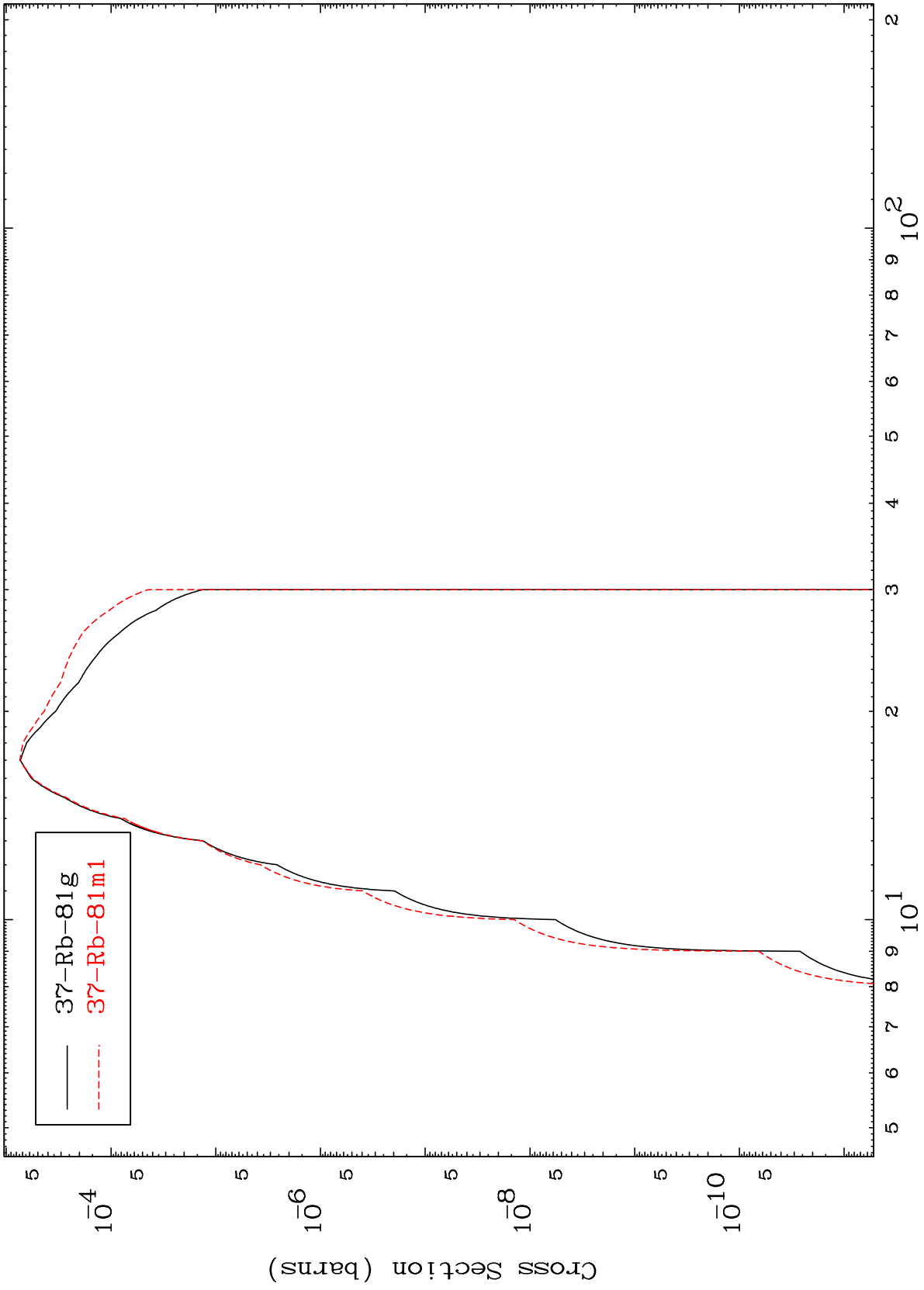
Incident Energy (MeV)

39-Y -85

MAT 3914

39-Y -85

Radionuclide Production Cross Section (γ, α)



19

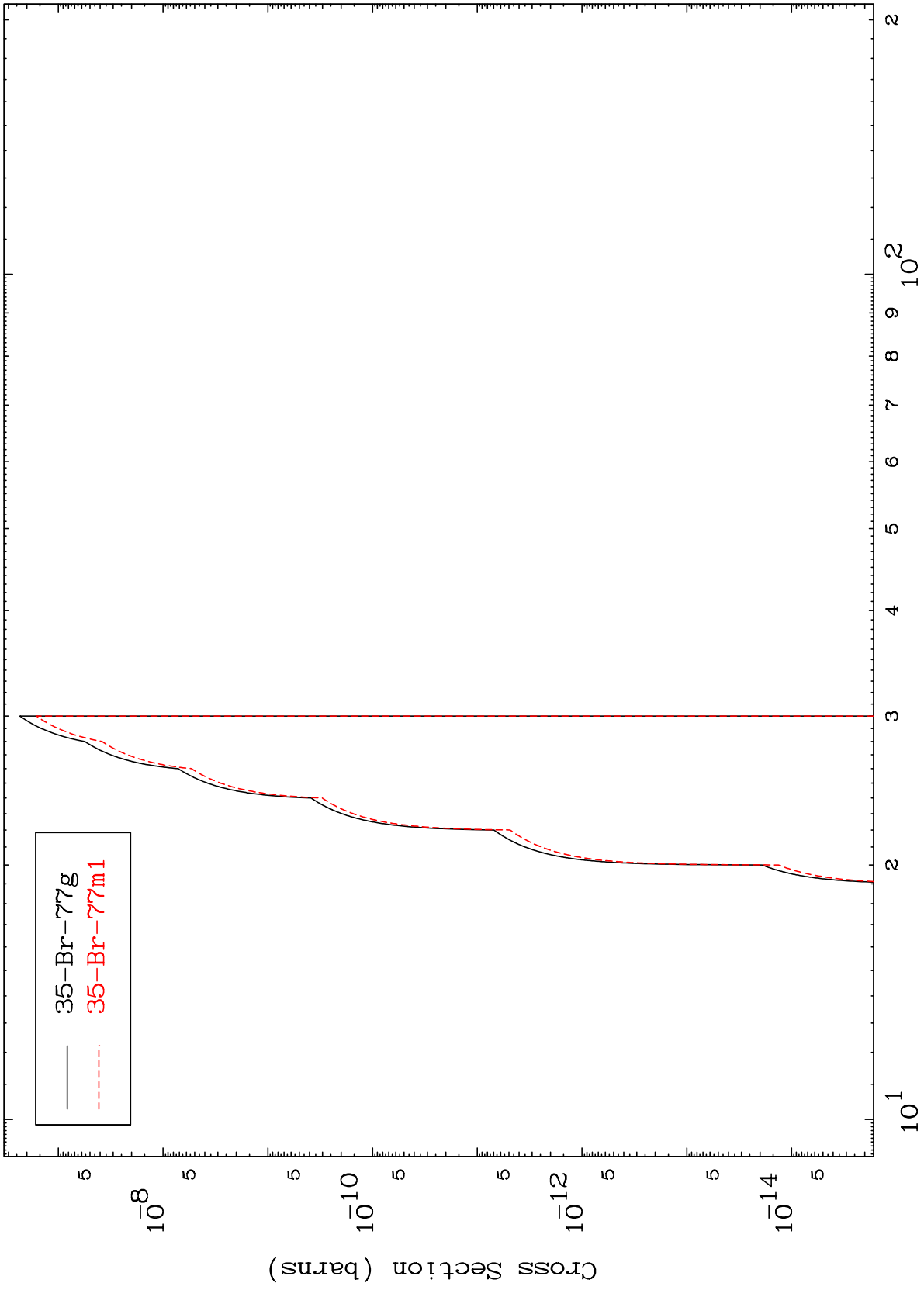
Incident Energy (MeV)

39-Y -85

MAT 3914

39-Y -85

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



39-Y -85

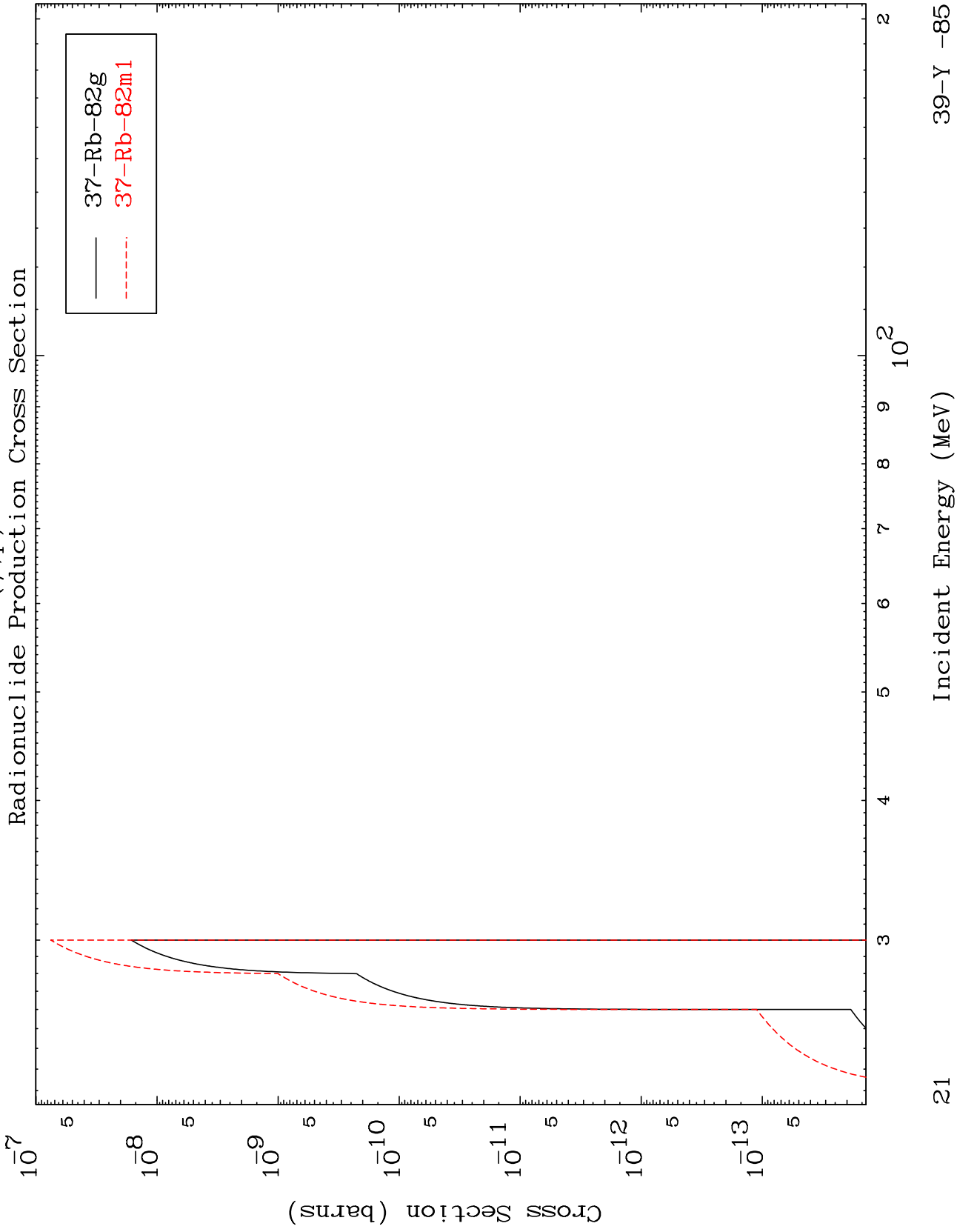
Incident Energy (MeV)

20

MAT 3914

(γ, p) d

39-Y -85



21