

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

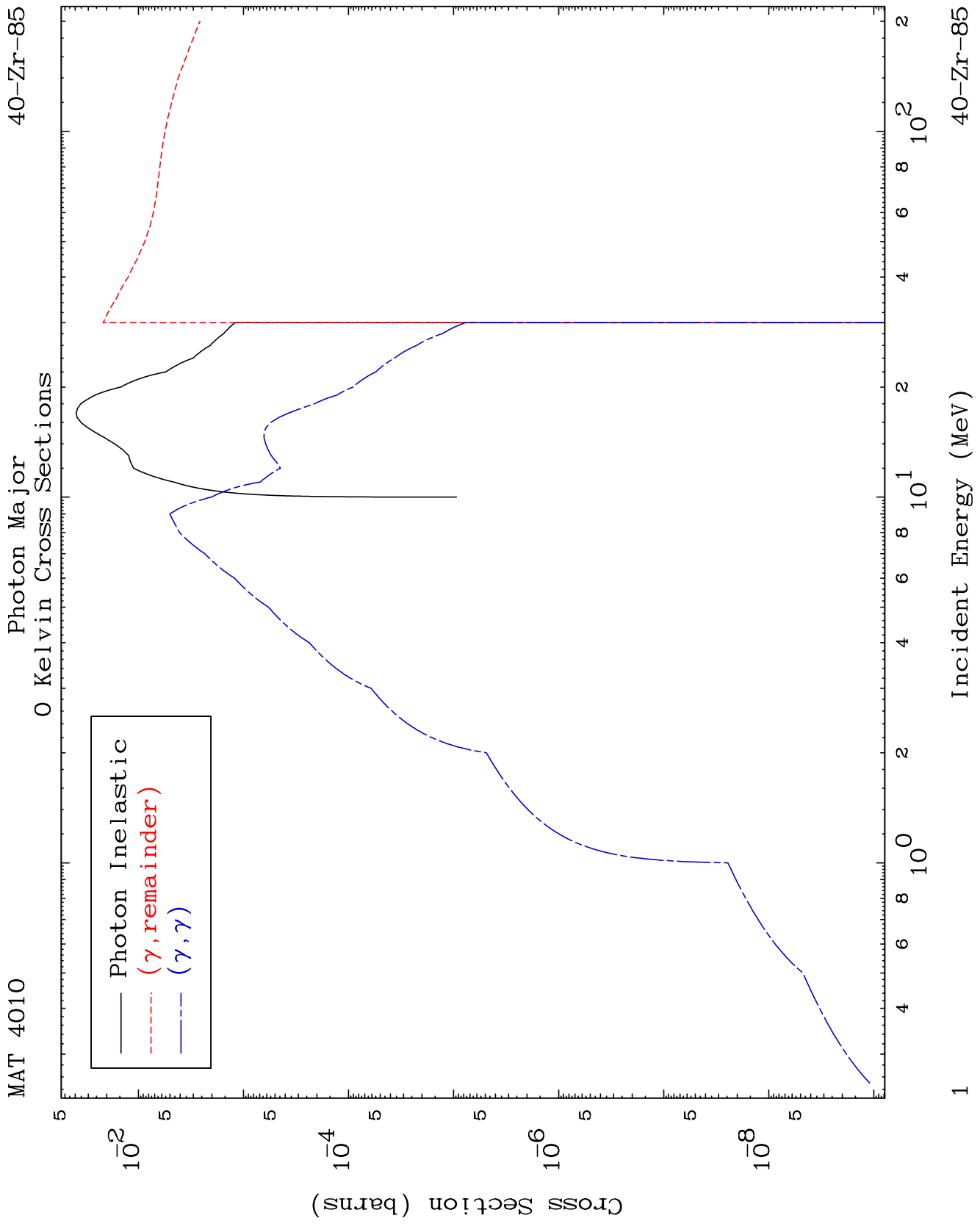
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

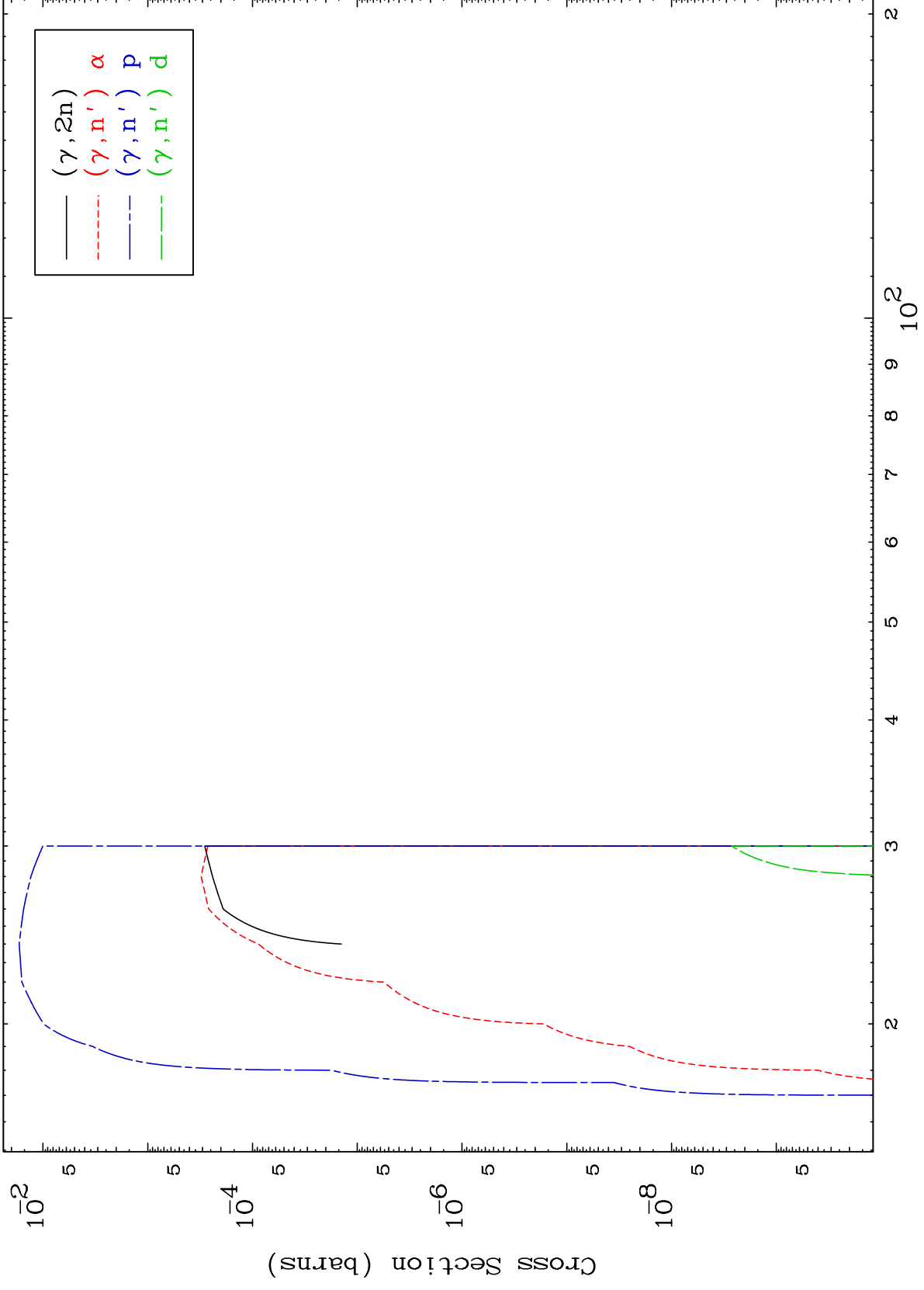
Press Mouse Button to Start



MAT 4010

Photon Neutron Production
0 Kelvin Cross Sections

40-Zr-85



2

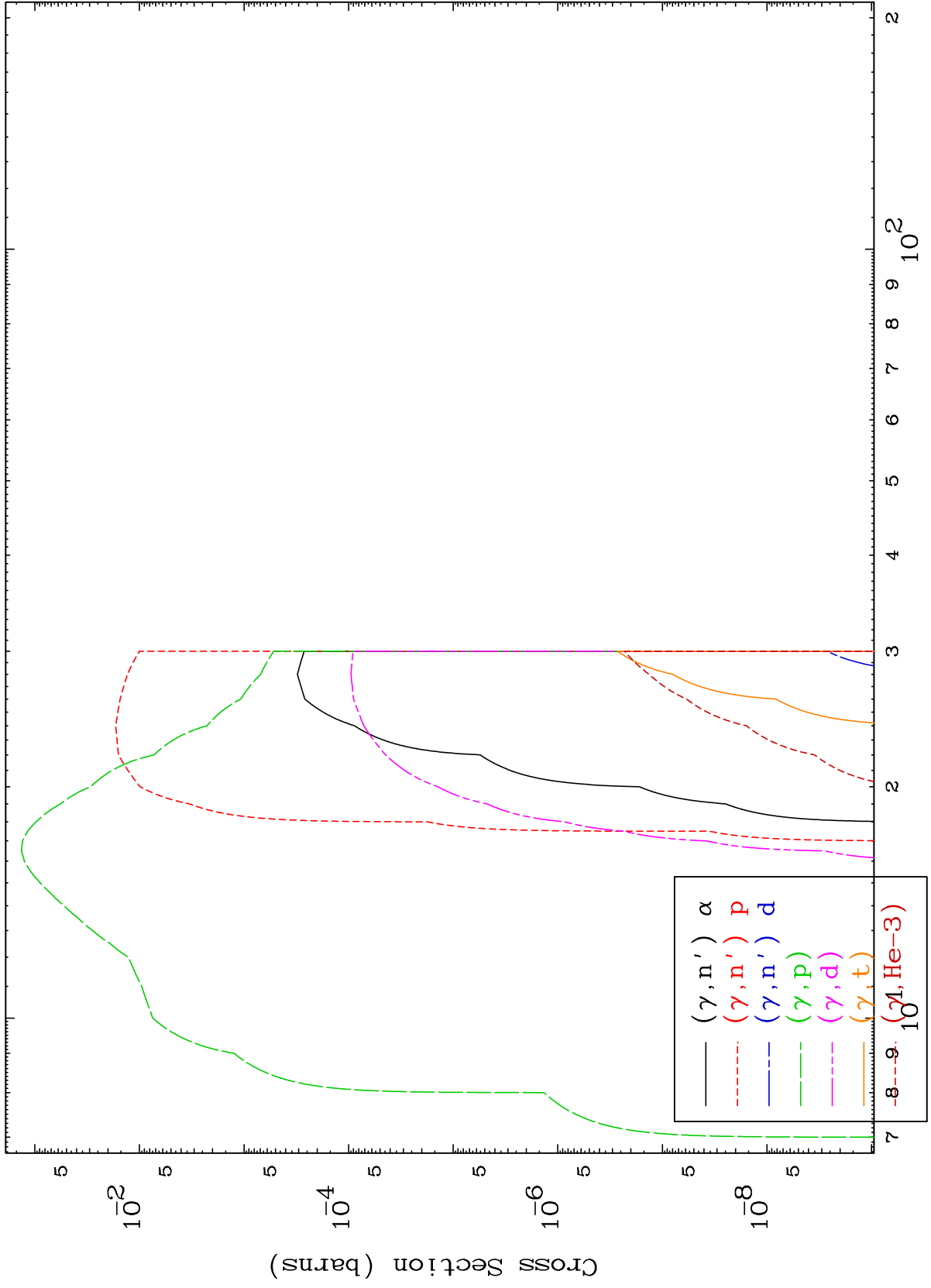
Incident Energy (MeV)

40-Zr-85

MAT 4010

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-85



Incident Energy (MeV)

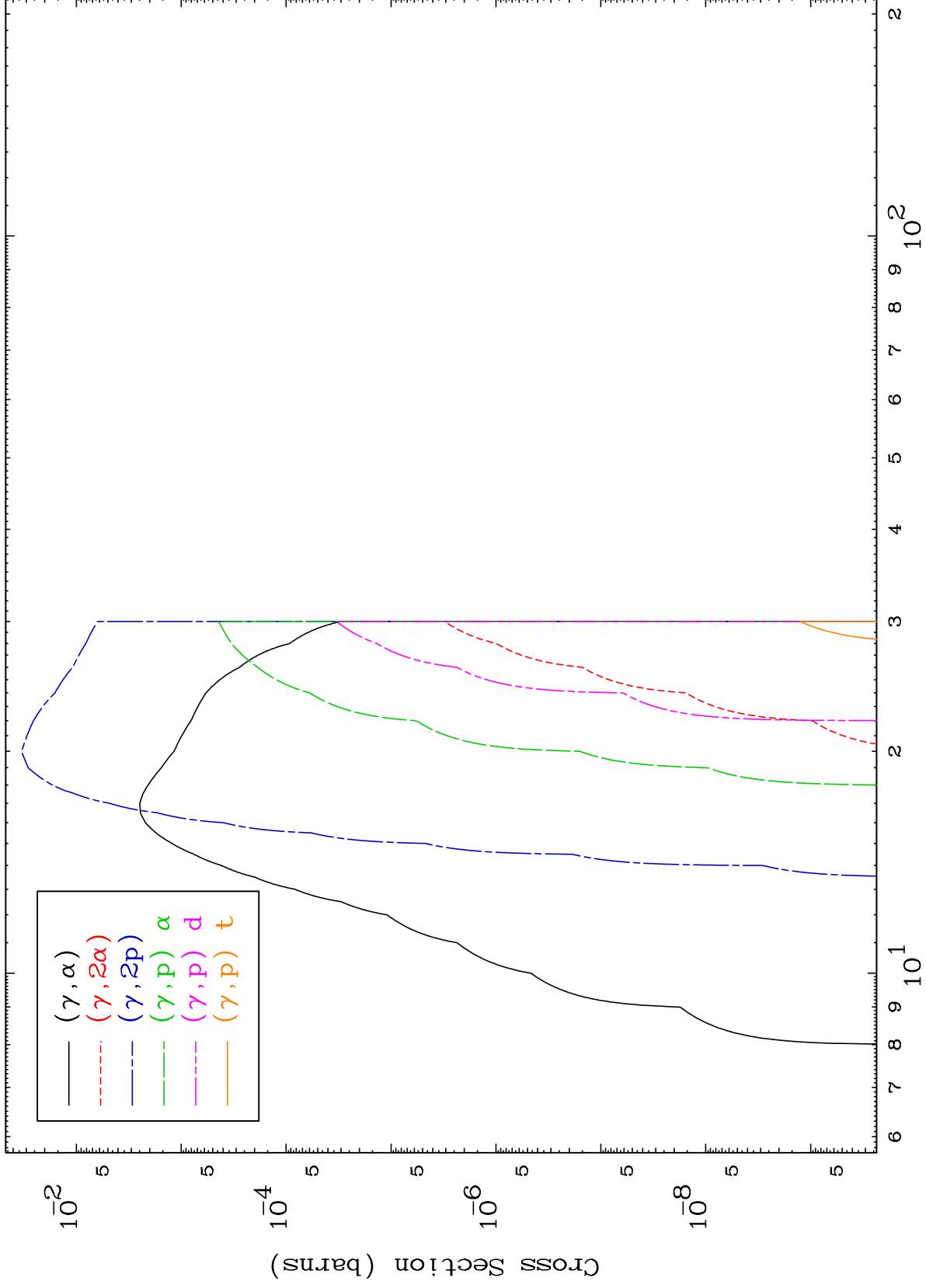
40-Zr-85

3

MAT 4010

Photon Charged Particle
0 Kelvin Cross Sections

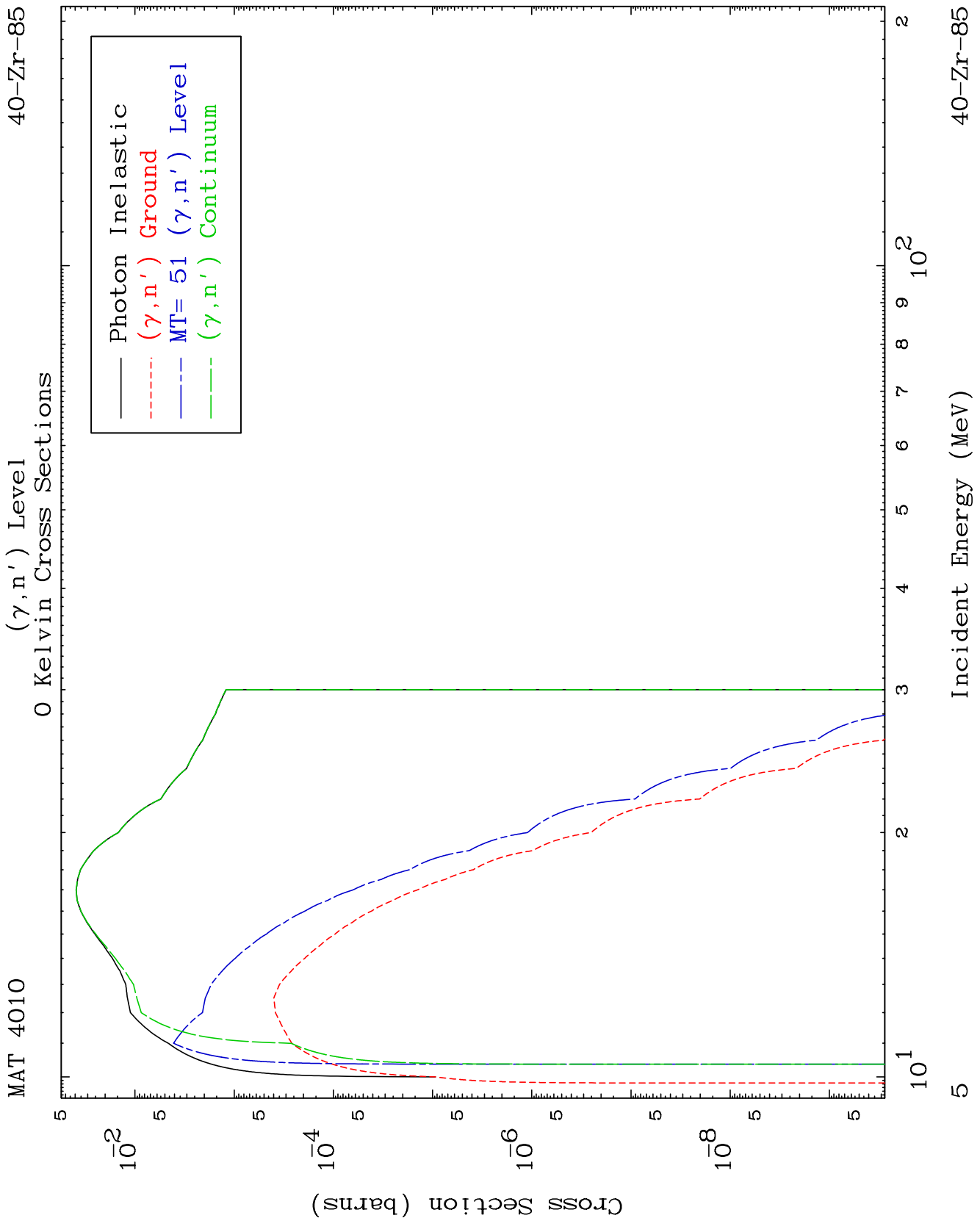
40-Zr-85



4

Incident Energy (MeV)

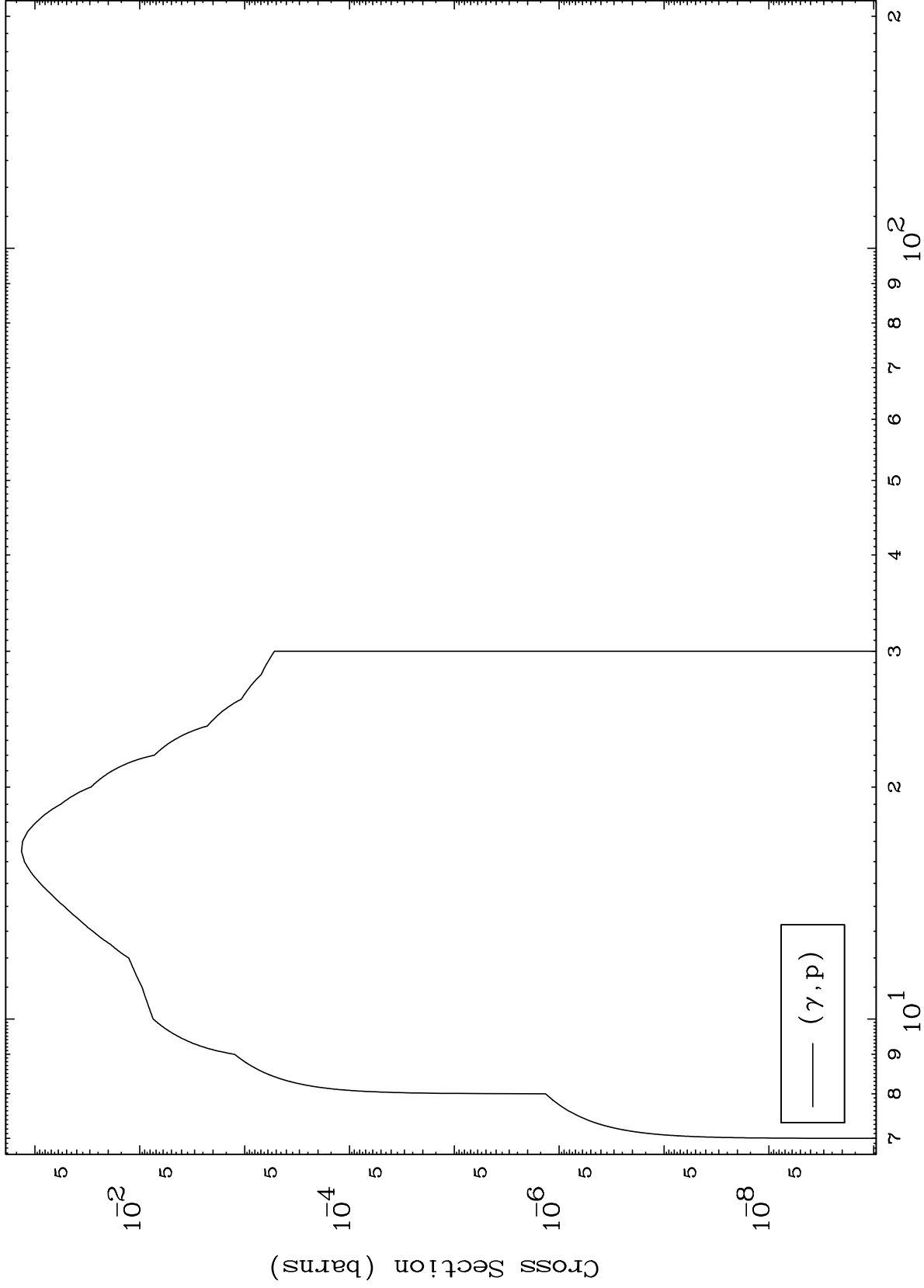
40-Zr-85



MAT 4010

(γ, p) Levels
0 Kelvin Cross Sections

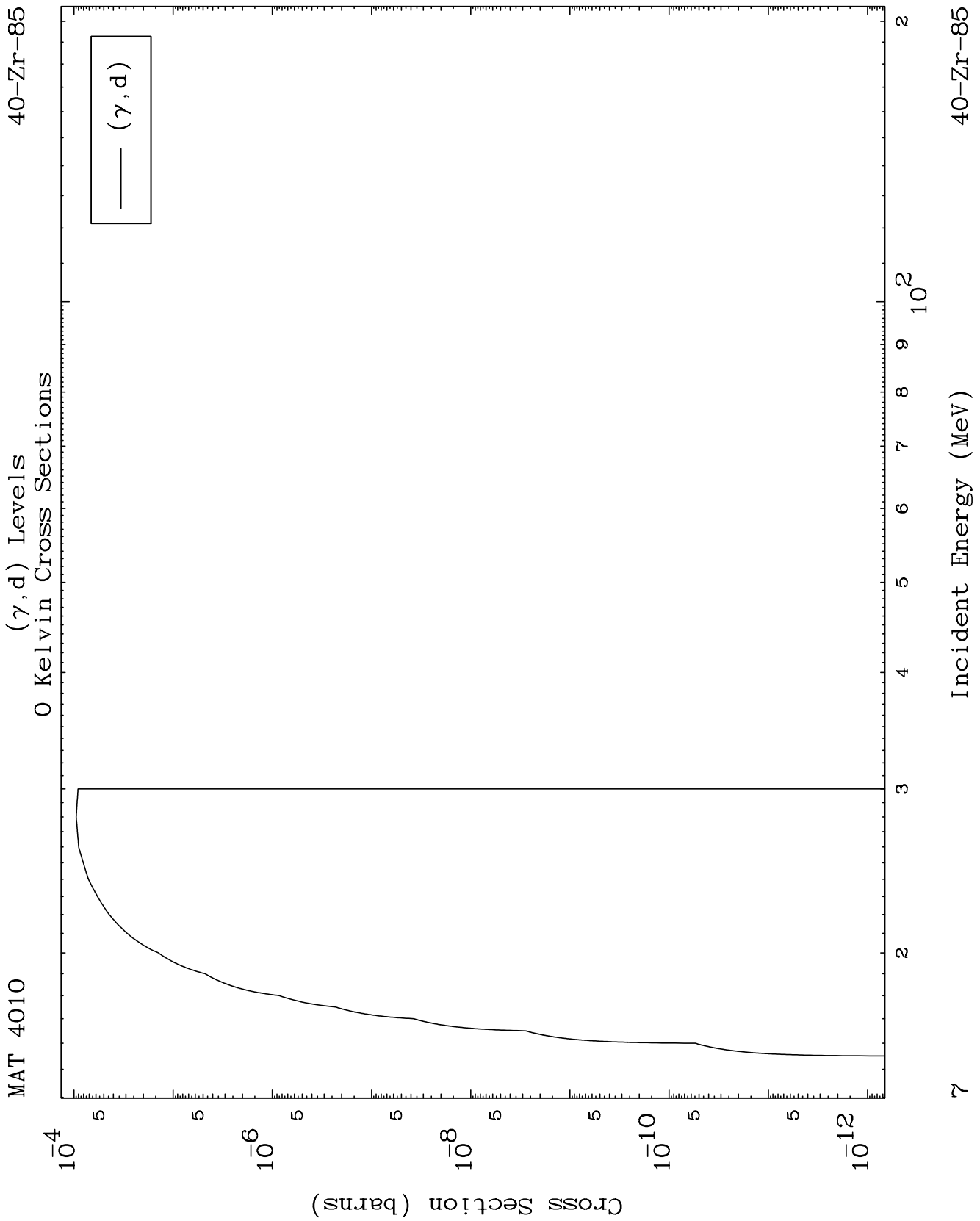
40-Zr-85



6

Incident Energy (MeV)

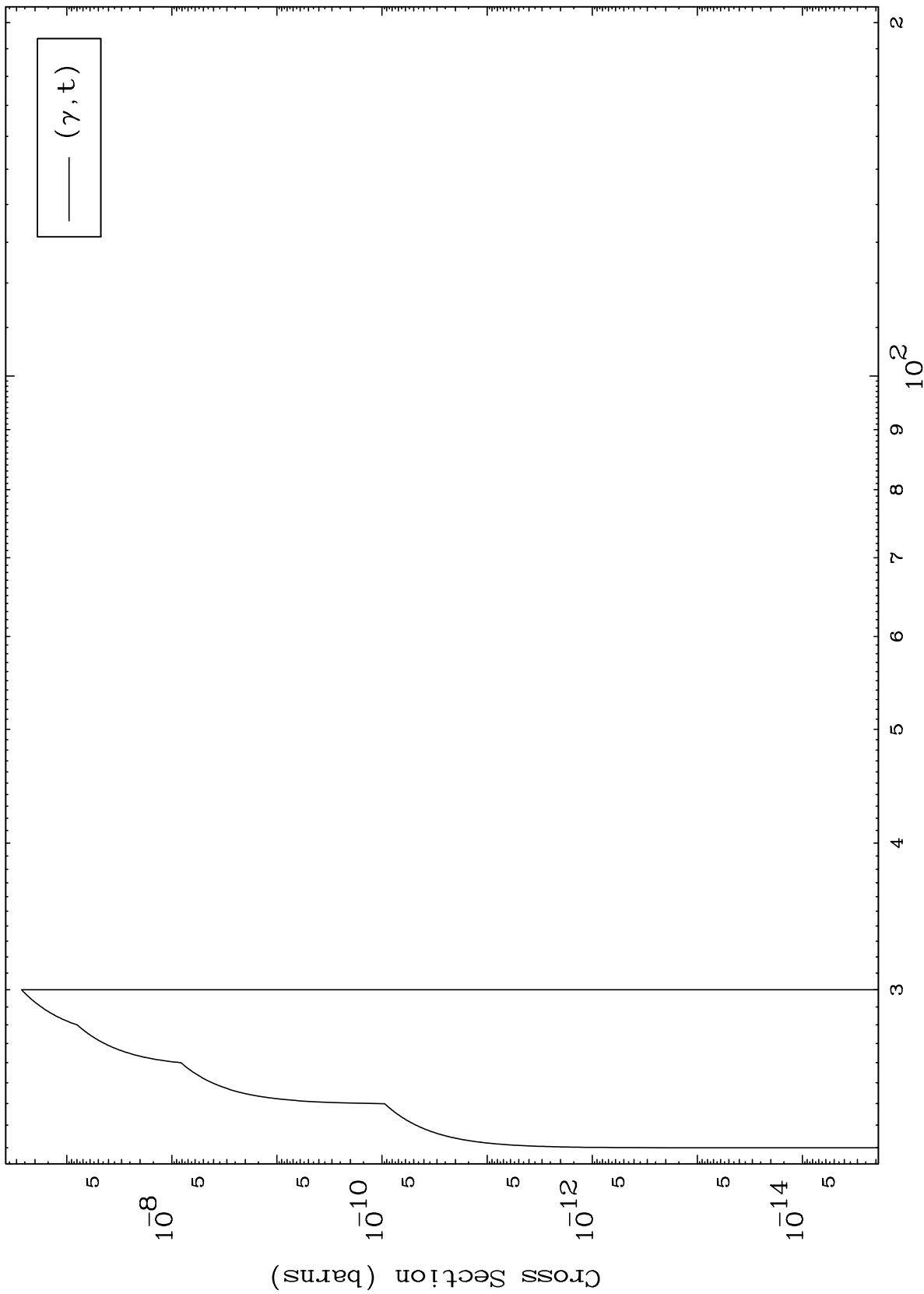
40-Zr-85



MAT 4010

40-Zr-85

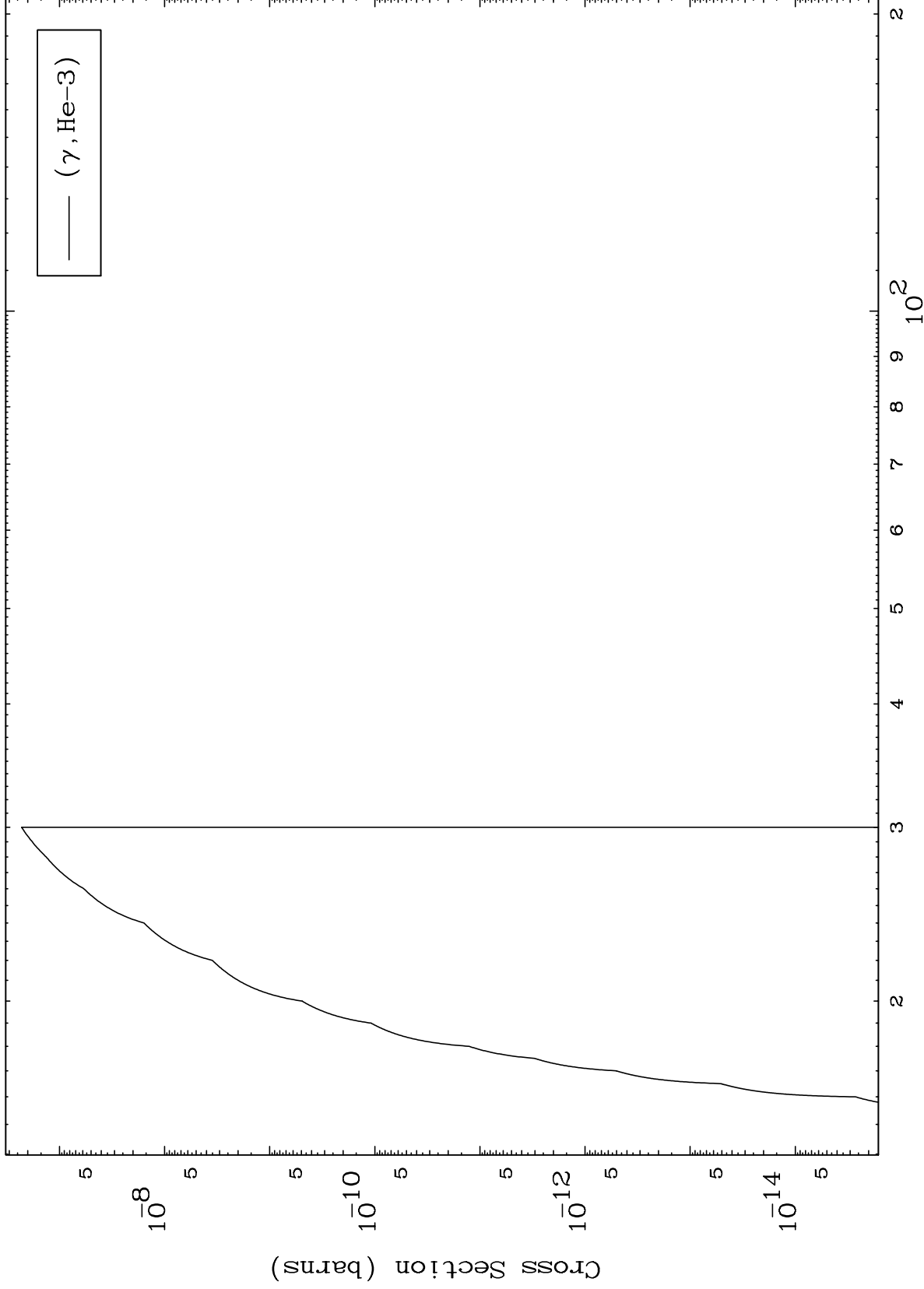
(γ, t) Levels
0 Kelvin Cross Sections



40-Zr-85

Incident Energy (MeV)

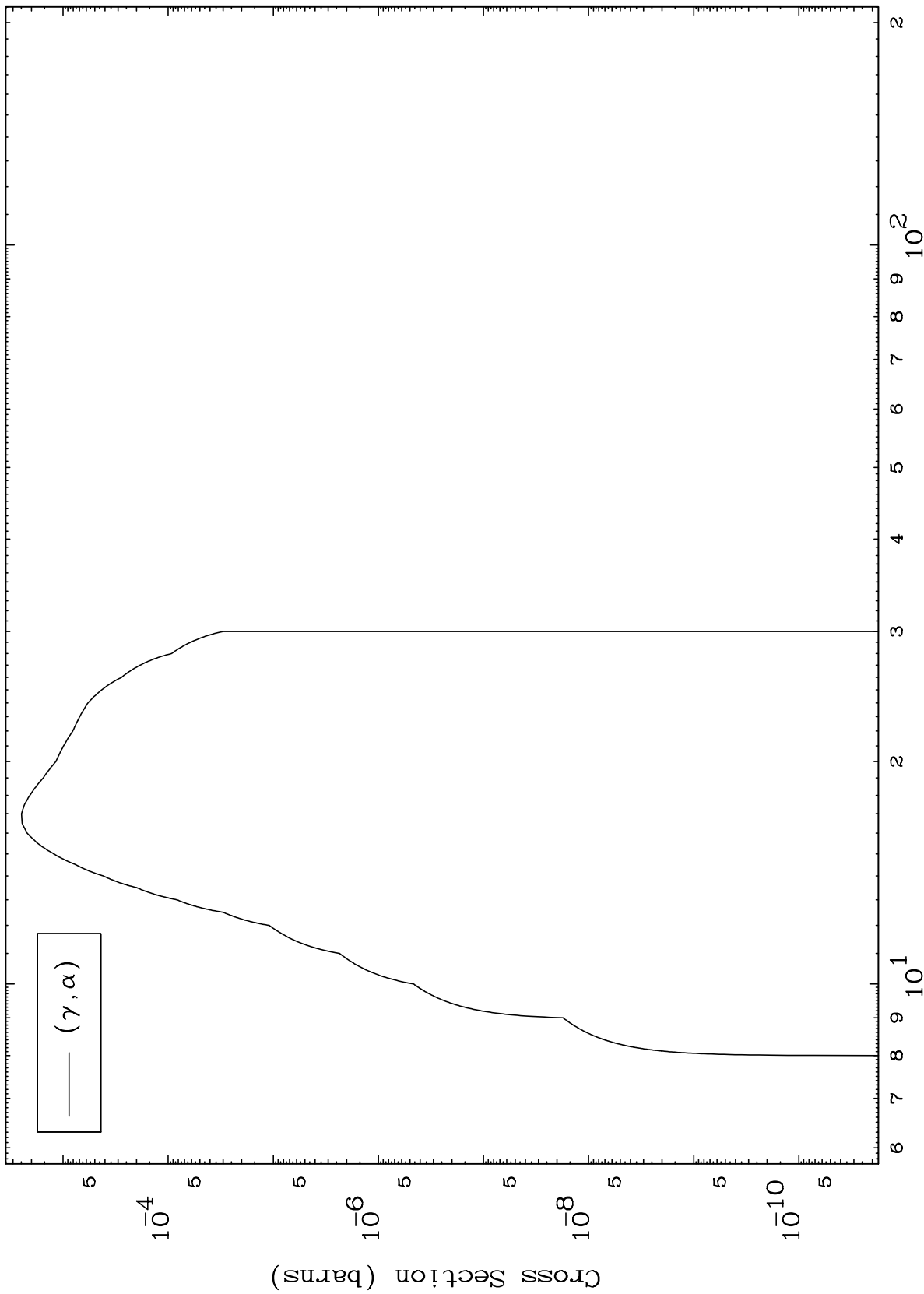
8



MAT 4010

(γ, α) Levels
0 Kelvin Cross Sections

40-Zr-85



Incident Energy (MeV)

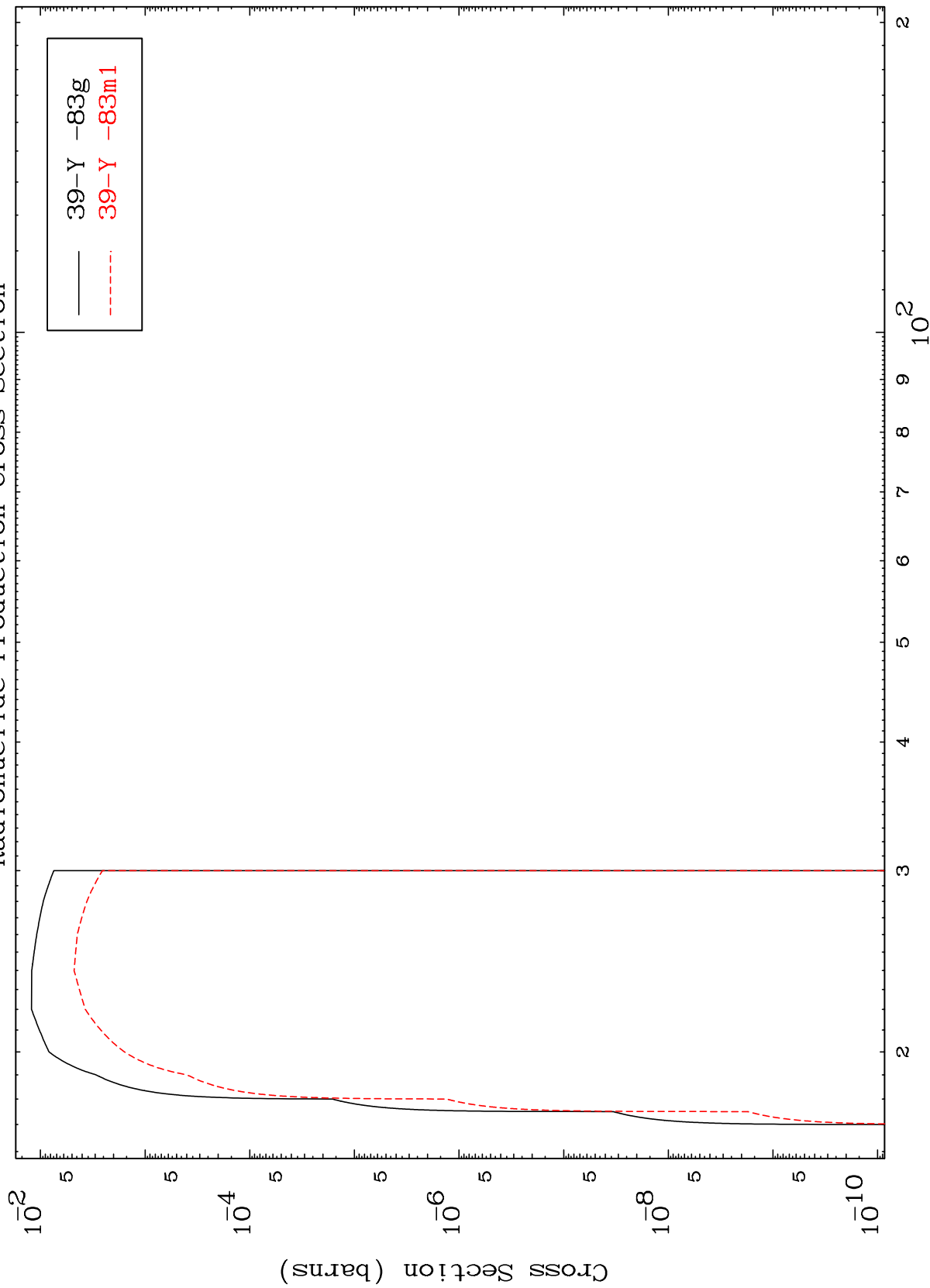
40-Zr-85

MAT 4010

(γ, n') p

40-Zr-85

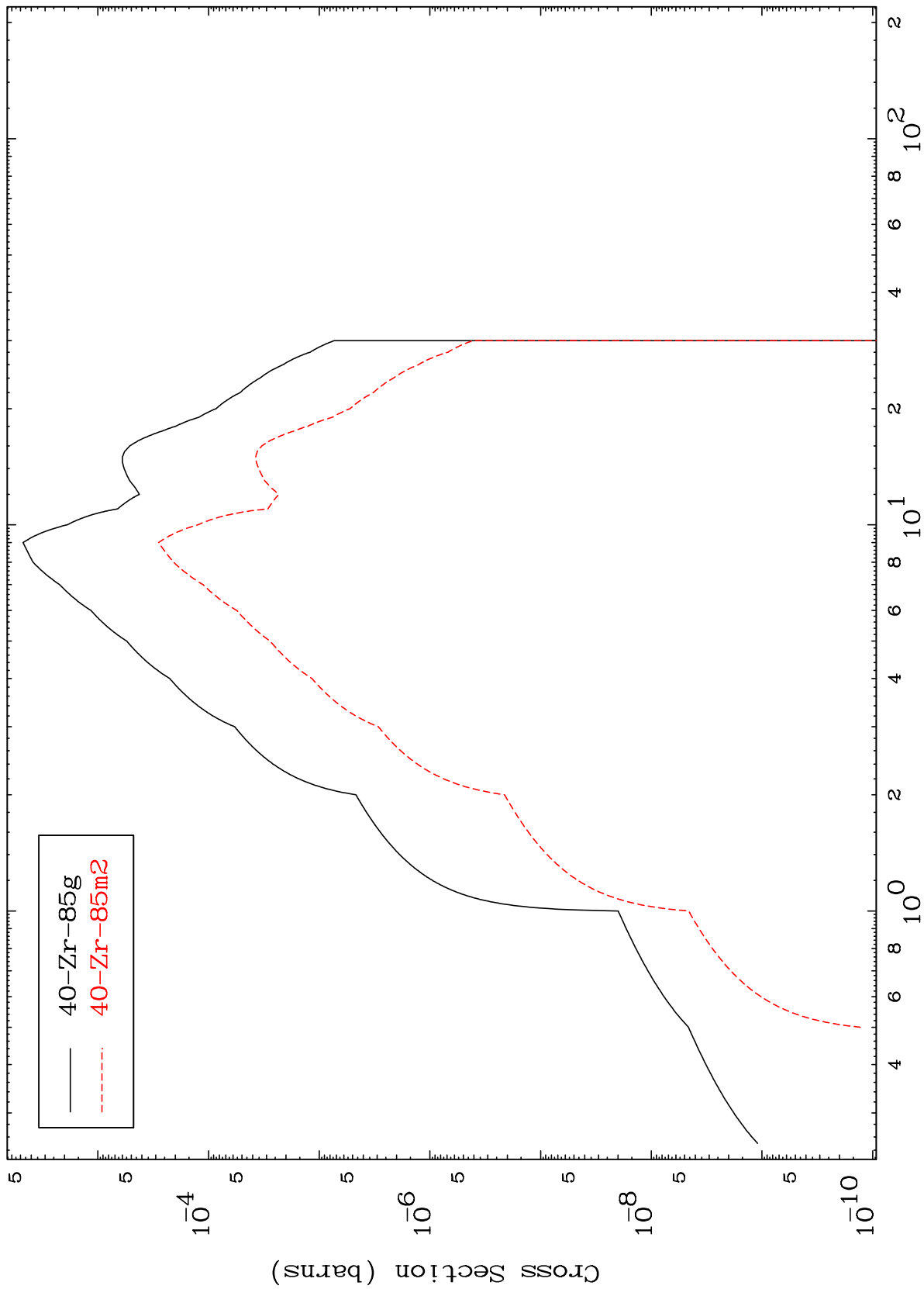
Radionuclide Production Cross Section



MAT 4010

40-Zr-85

Radionuclide Production Cross Section



Legend:
— 40-Zr-85g
- - - 40-Zr-85m2

Incident Energy (MeV)

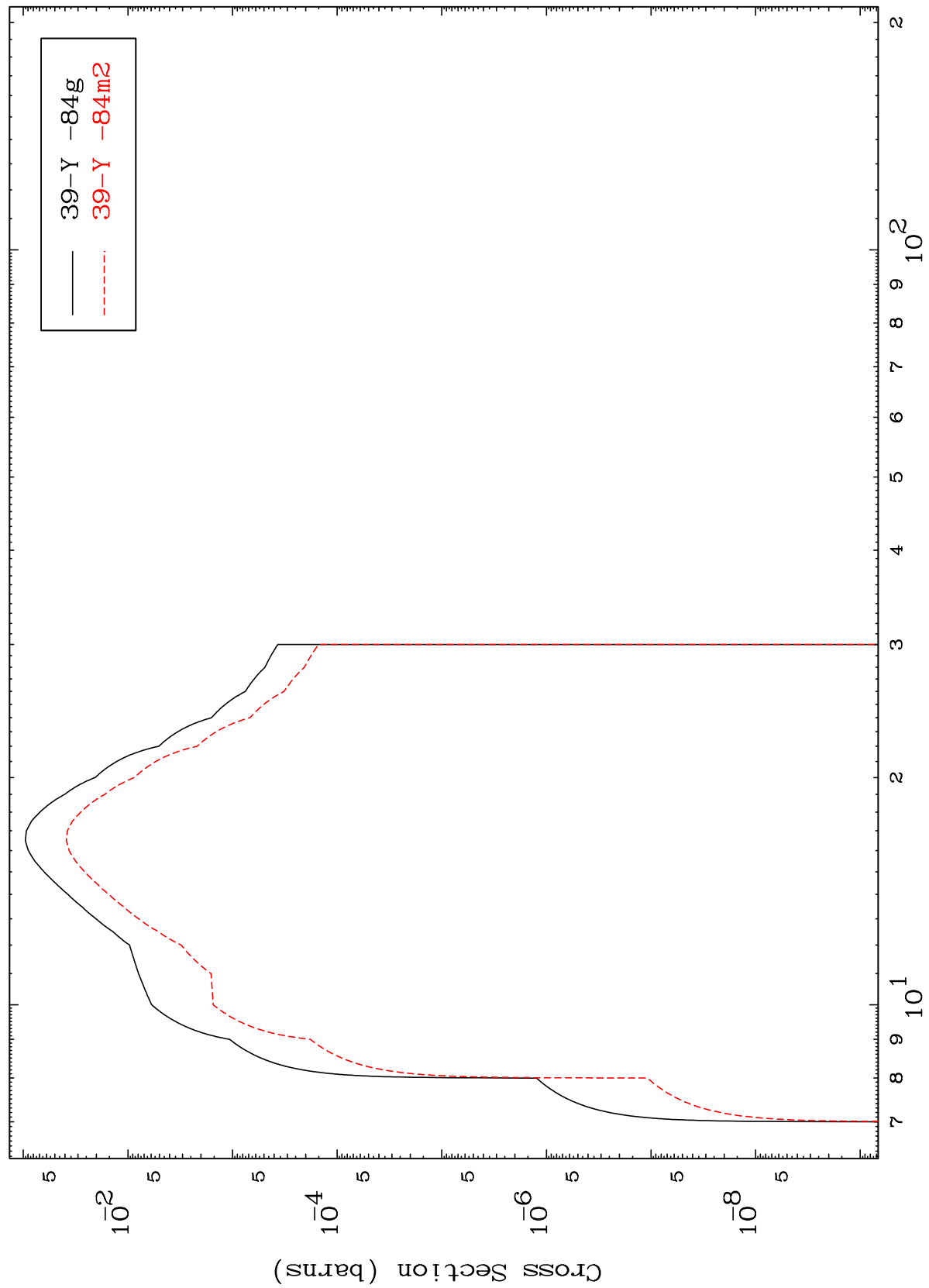
40-Zr-85

12

MAT 4010

40-Zr-85

(γ, p)
Radionuclide Production Cross Section



40-Zr-85

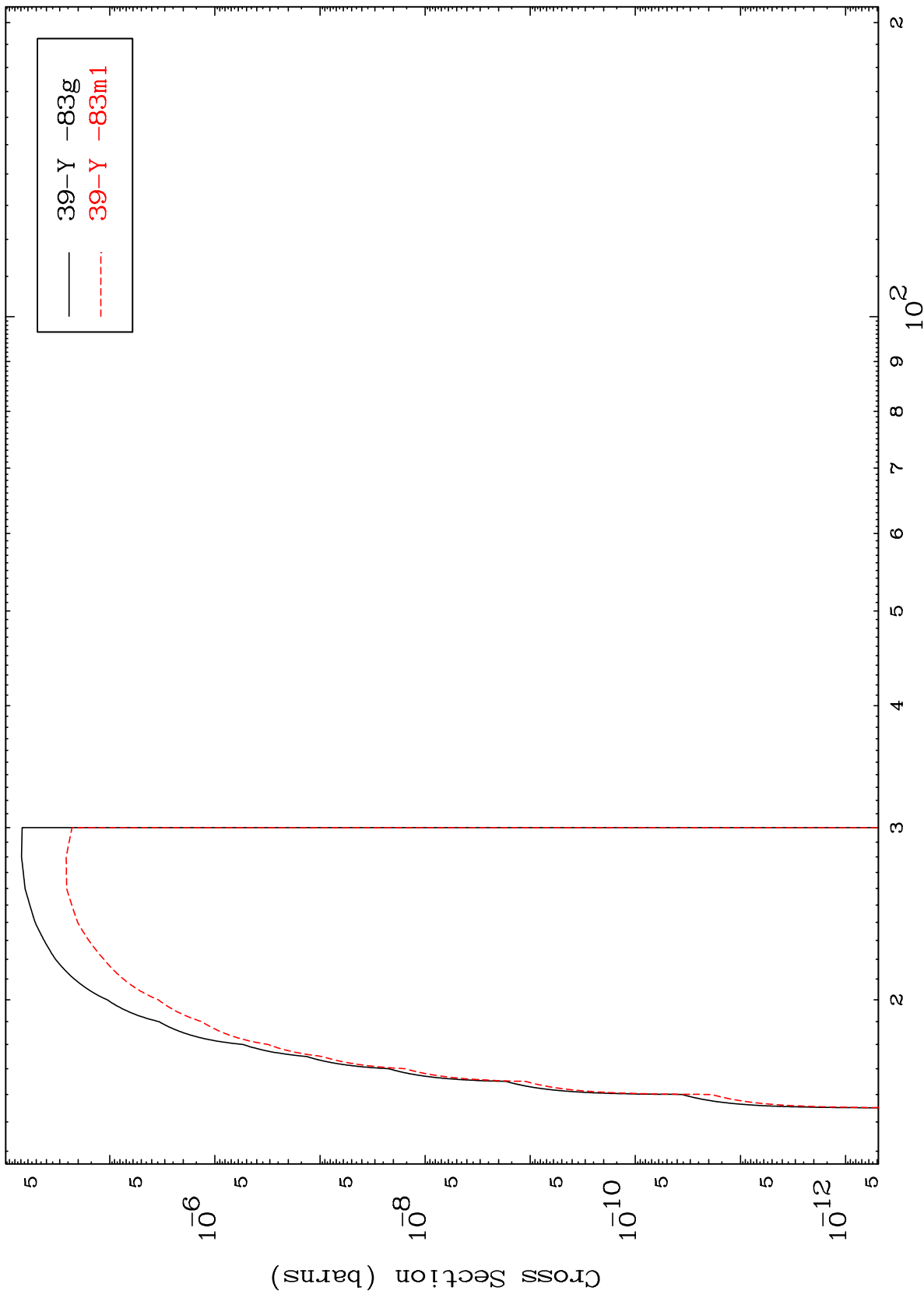
Incident Energy (MeV)

13

MAT 4010

40-Zr-85

(γ, d)
Radionuclide Production Cross Section



40-Zr-85

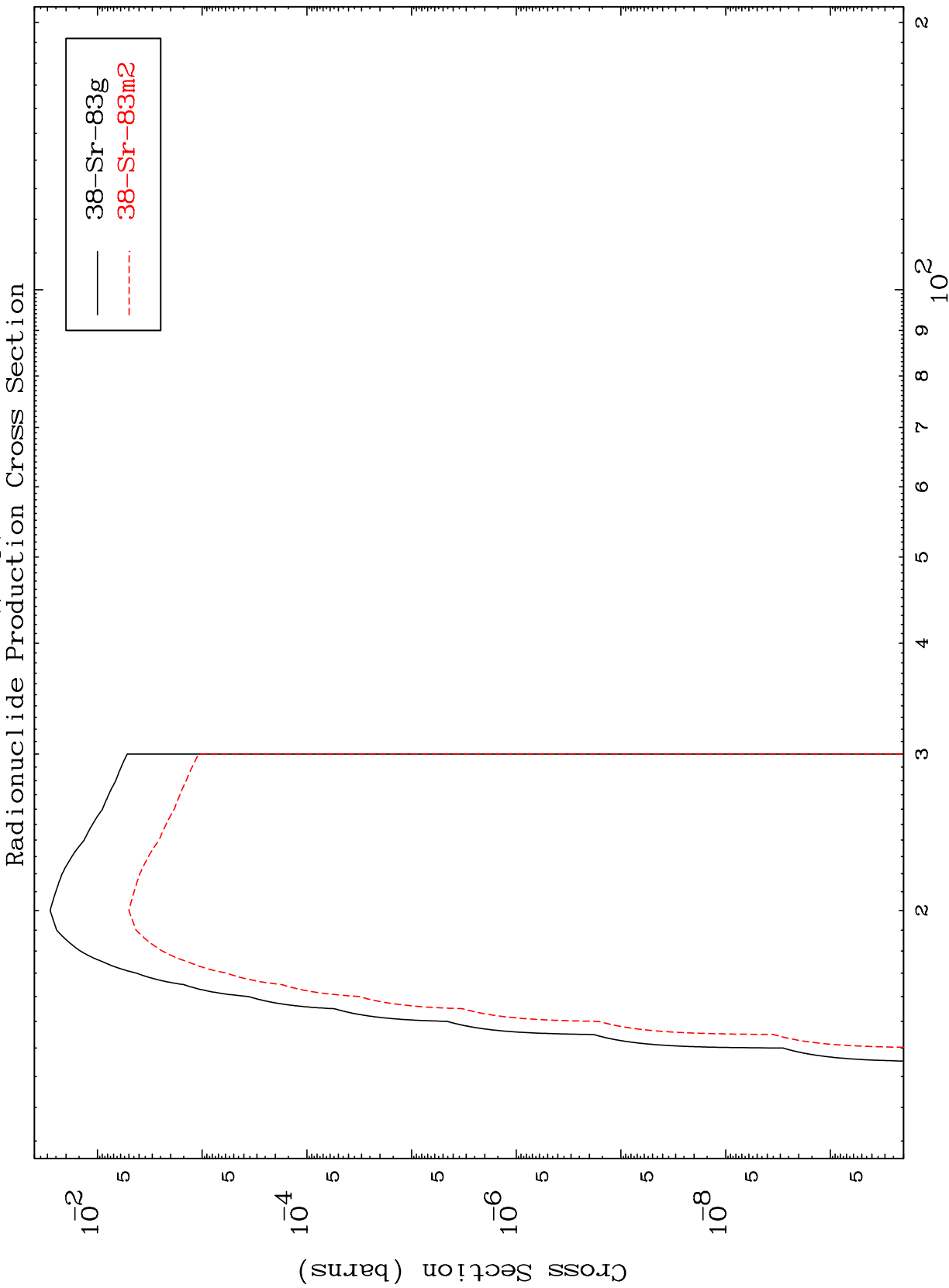
Incident Energy (MeV)

14

MAT 4010

40-Zr-85

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



15

Incident Energy (MeV)

40-Zr-85