

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

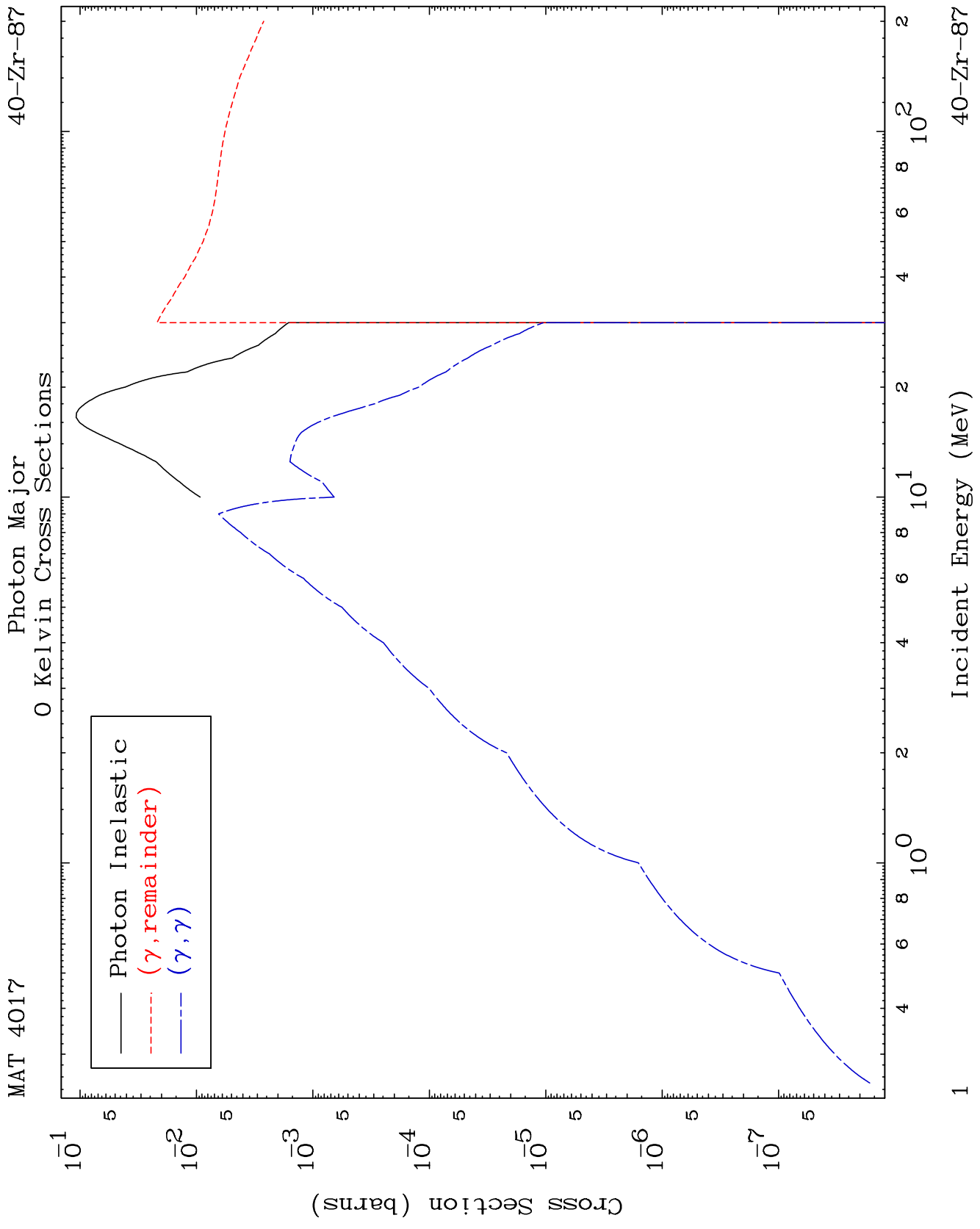
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Web: redcullen1.net/HOMEPAGE.NEW

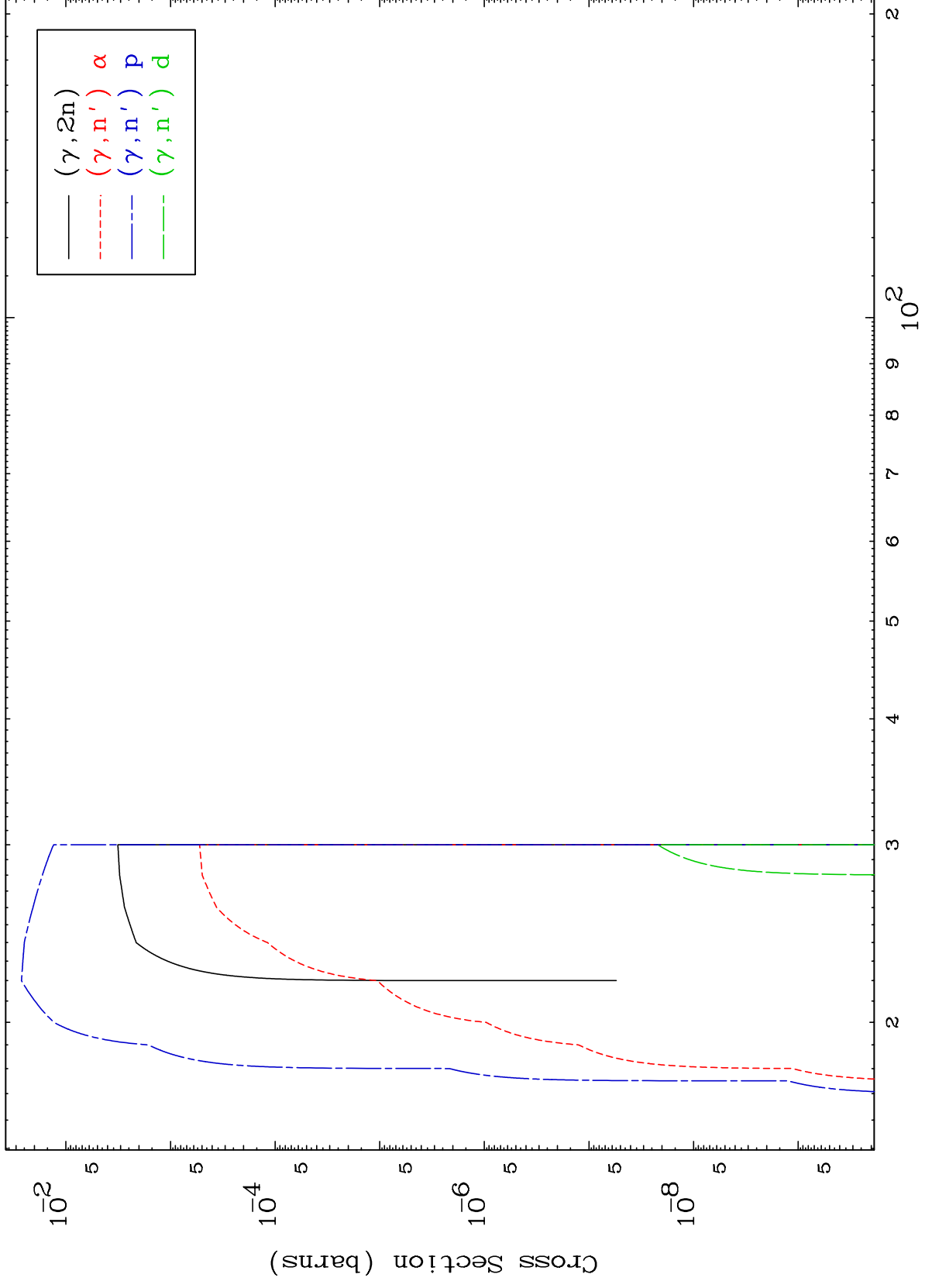
Press Mouse Button to Start



MAT 4017

Photon Neutron Production
0 Kelvin Cross Sections

40-Zr-87



2

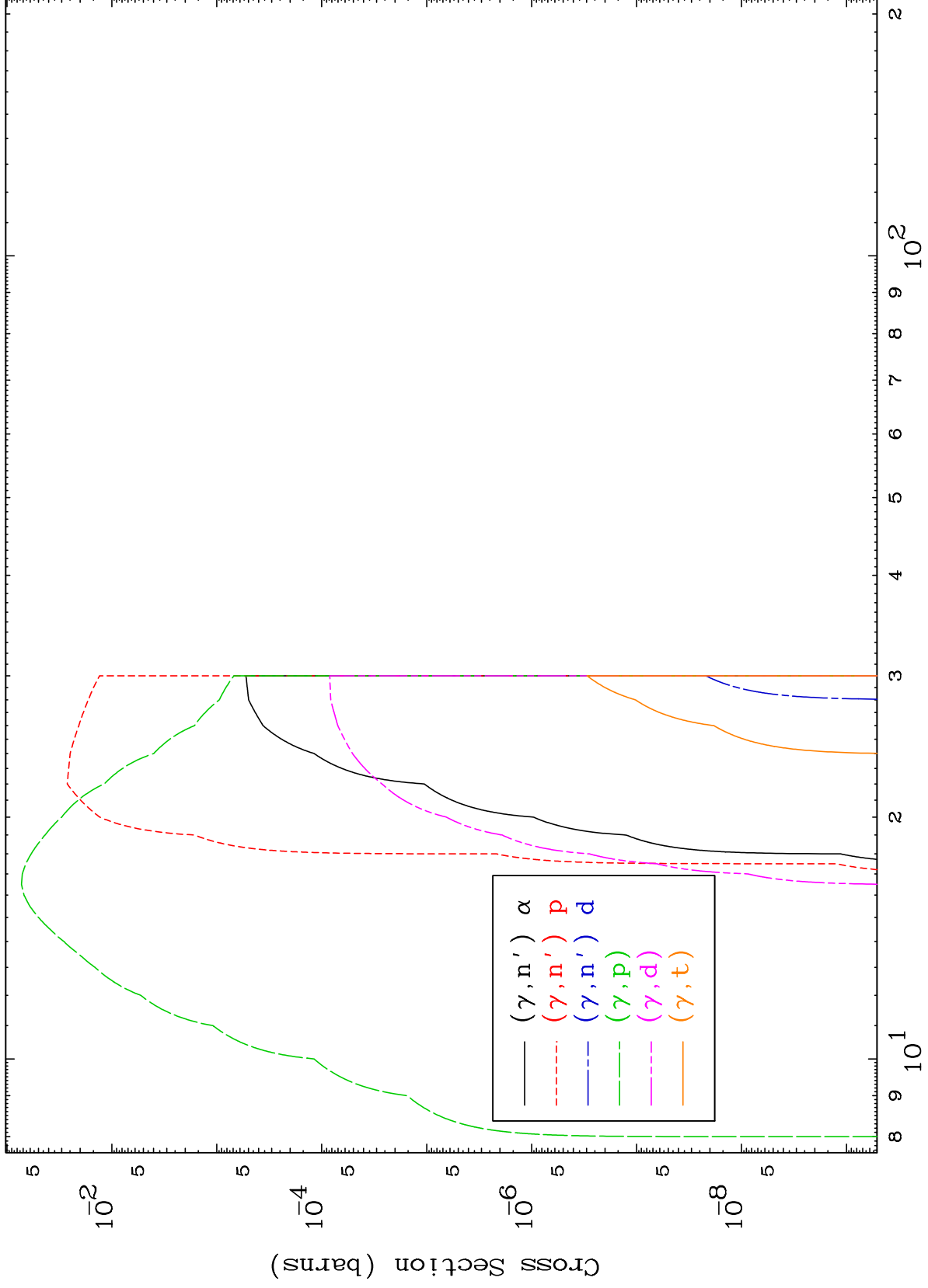
Incident Energy (MeV)

40-Zr-87

MAT 4017

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-87



40-Zr-87

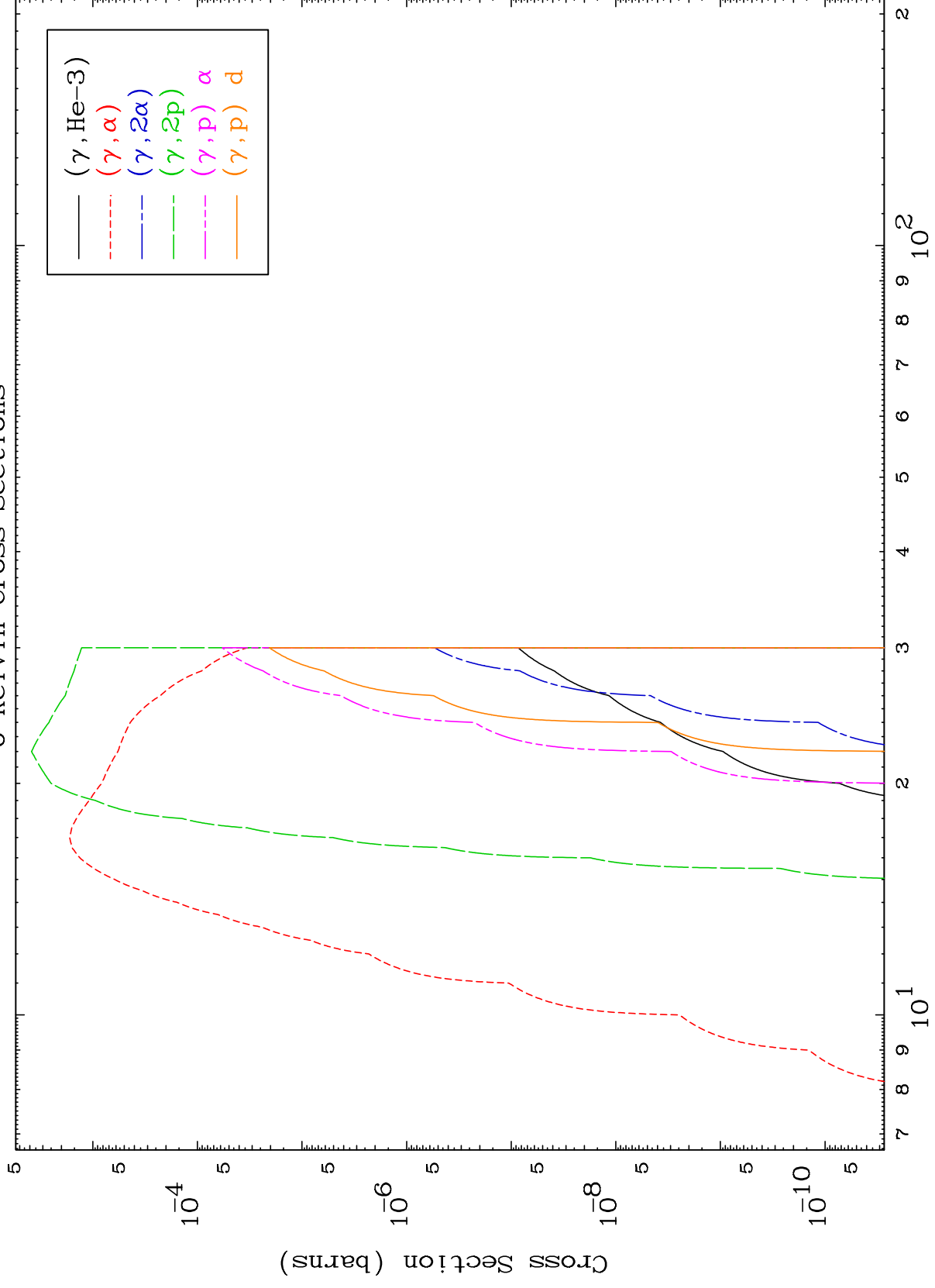
Incident Energy (MeV)

3

MAT 4017

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-87



4

Incident Energy (MeV)

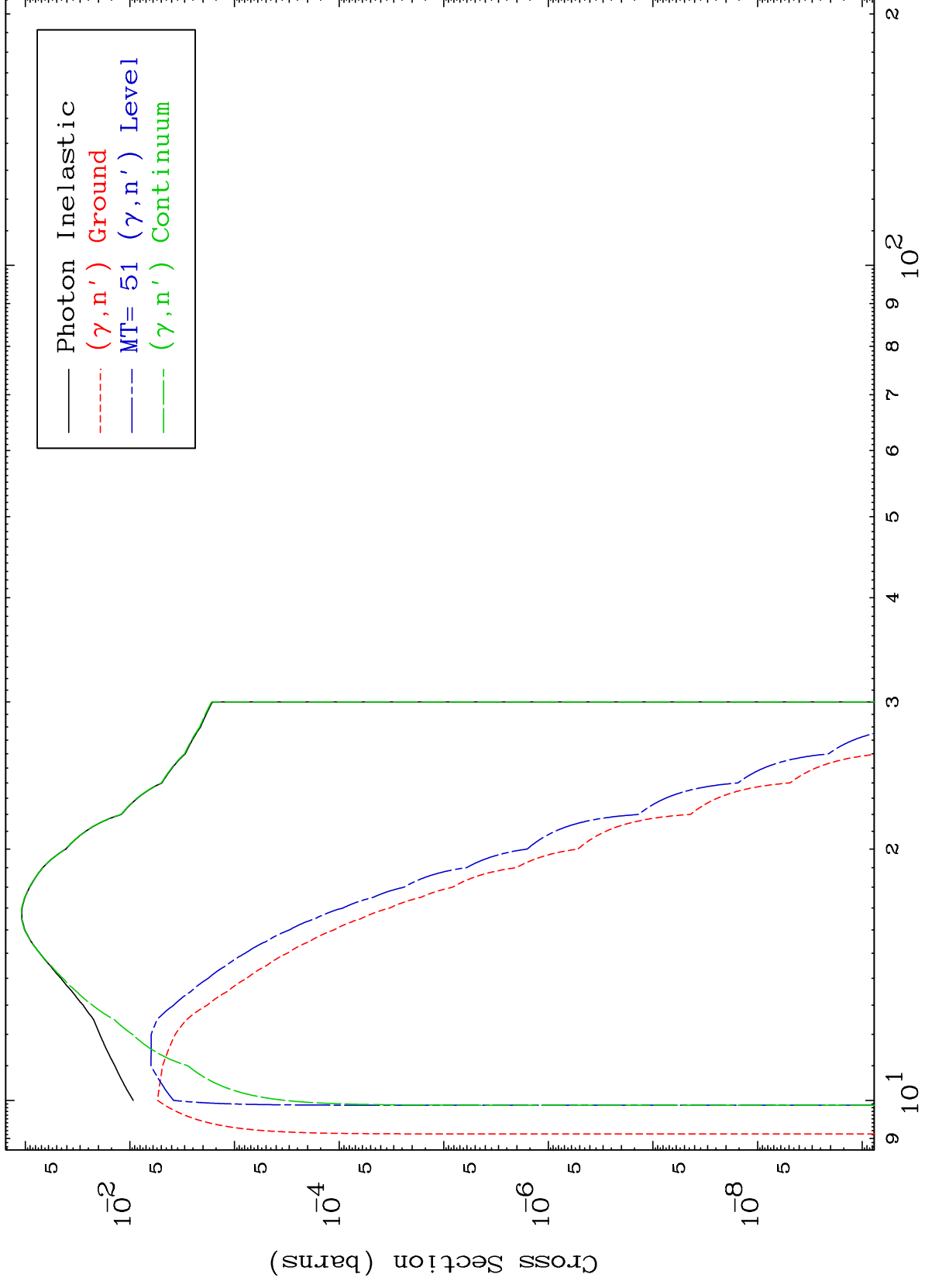
40-Zr-87

MAT 4017

(γ, n') Level

40-Zr-87

0 Kelvin Cross Sections



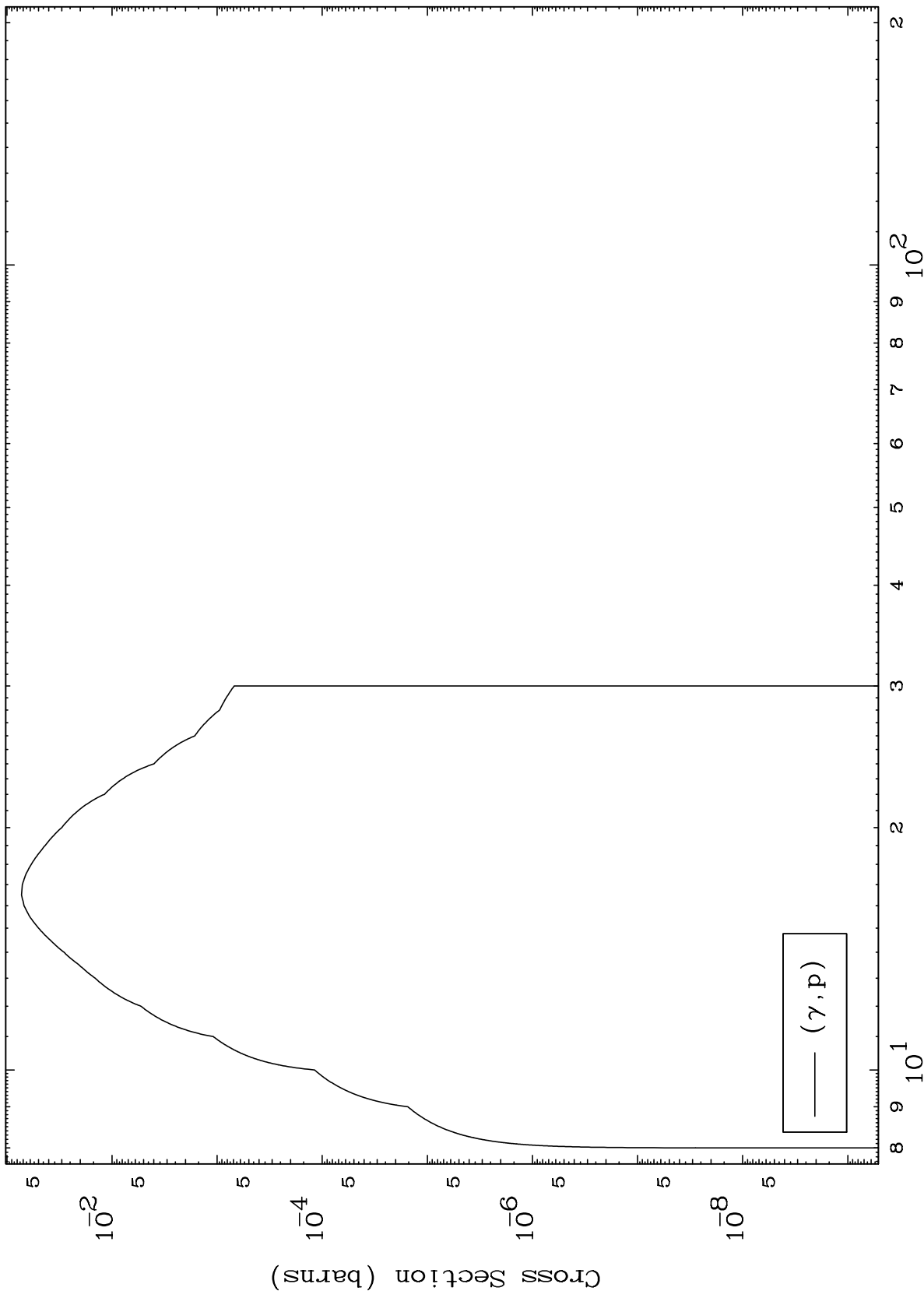
Incident Energy (MeV)

40-Zr-87

MAT 4017

(γ, p) Levels
0 Kelvin Cross Sections

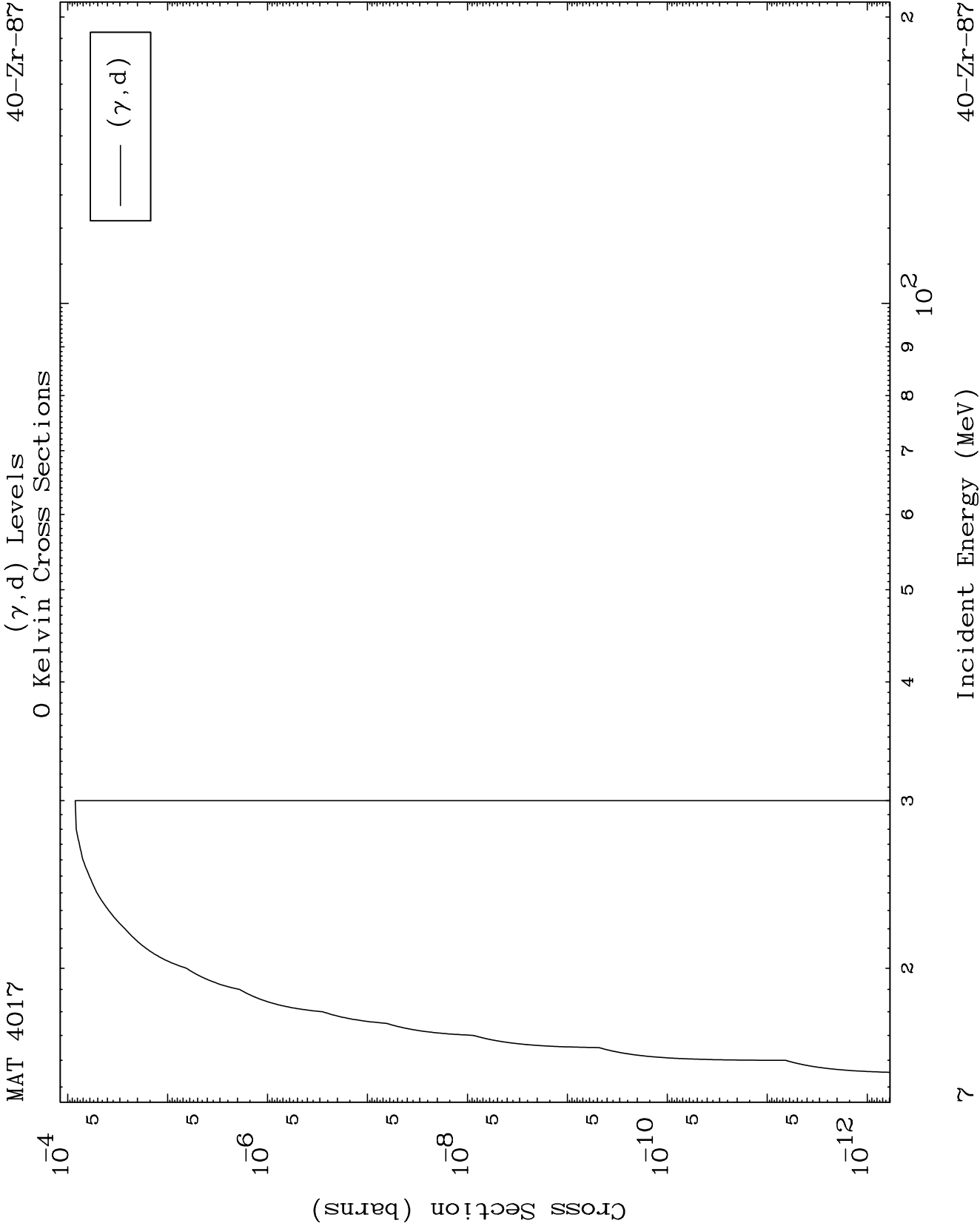
40-Zr-87



6

Incident Energy (MeV)

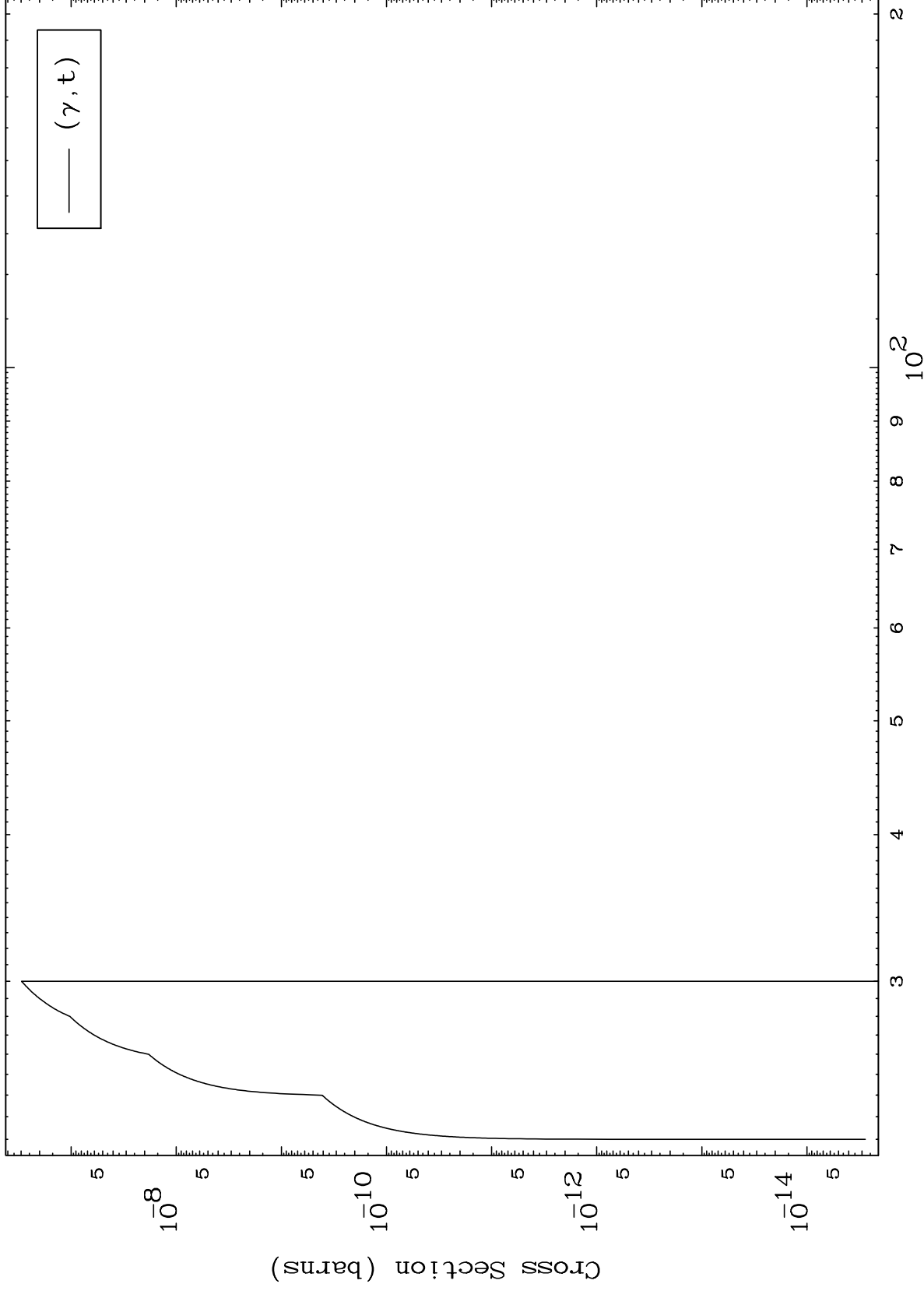
40-Zr-87



MAT 4017

(γ, t) Levels
0 Kelvin Cross Sections

40-Zr-87

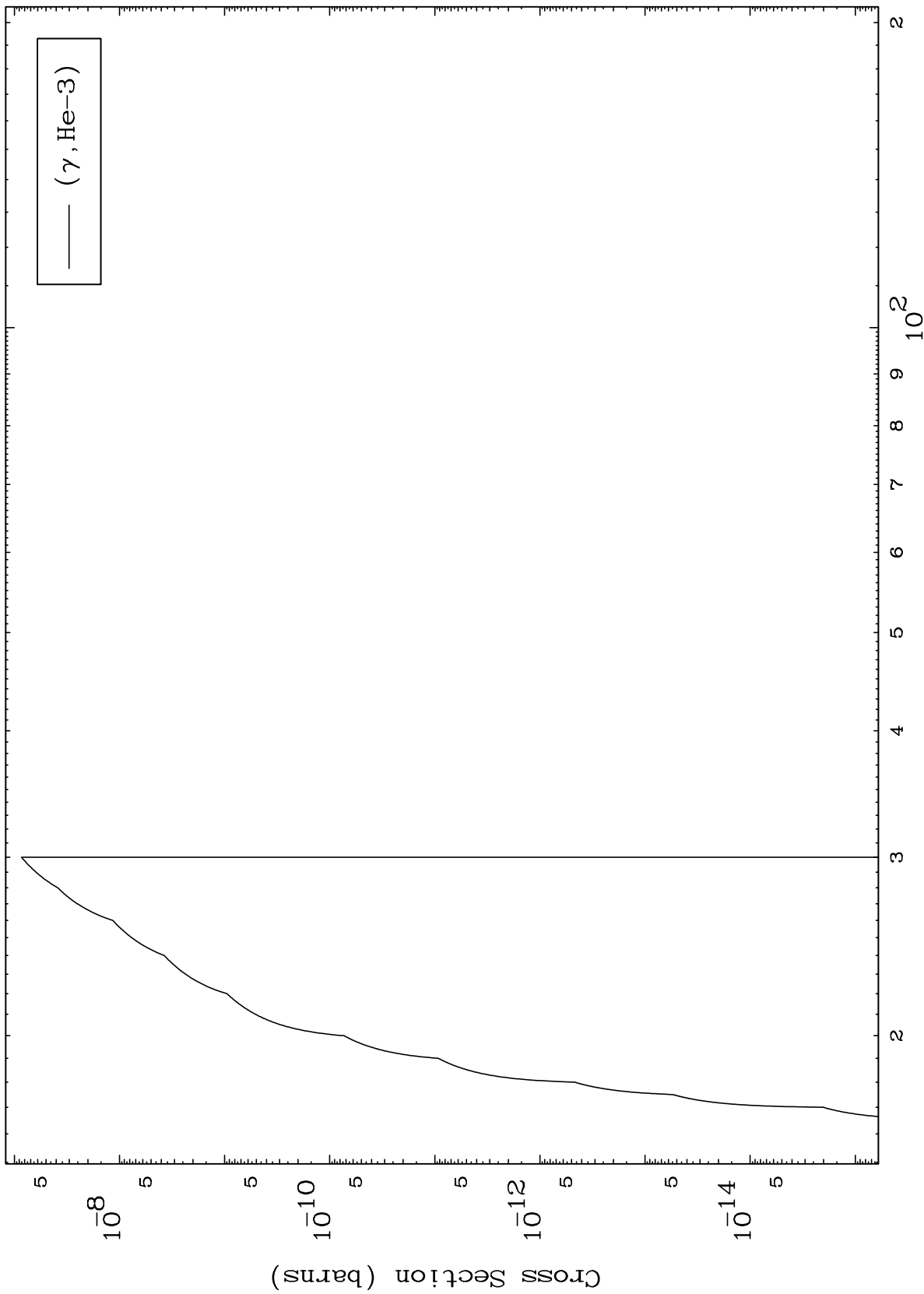


8

Incident Energy (MeV)

40-Zr-87

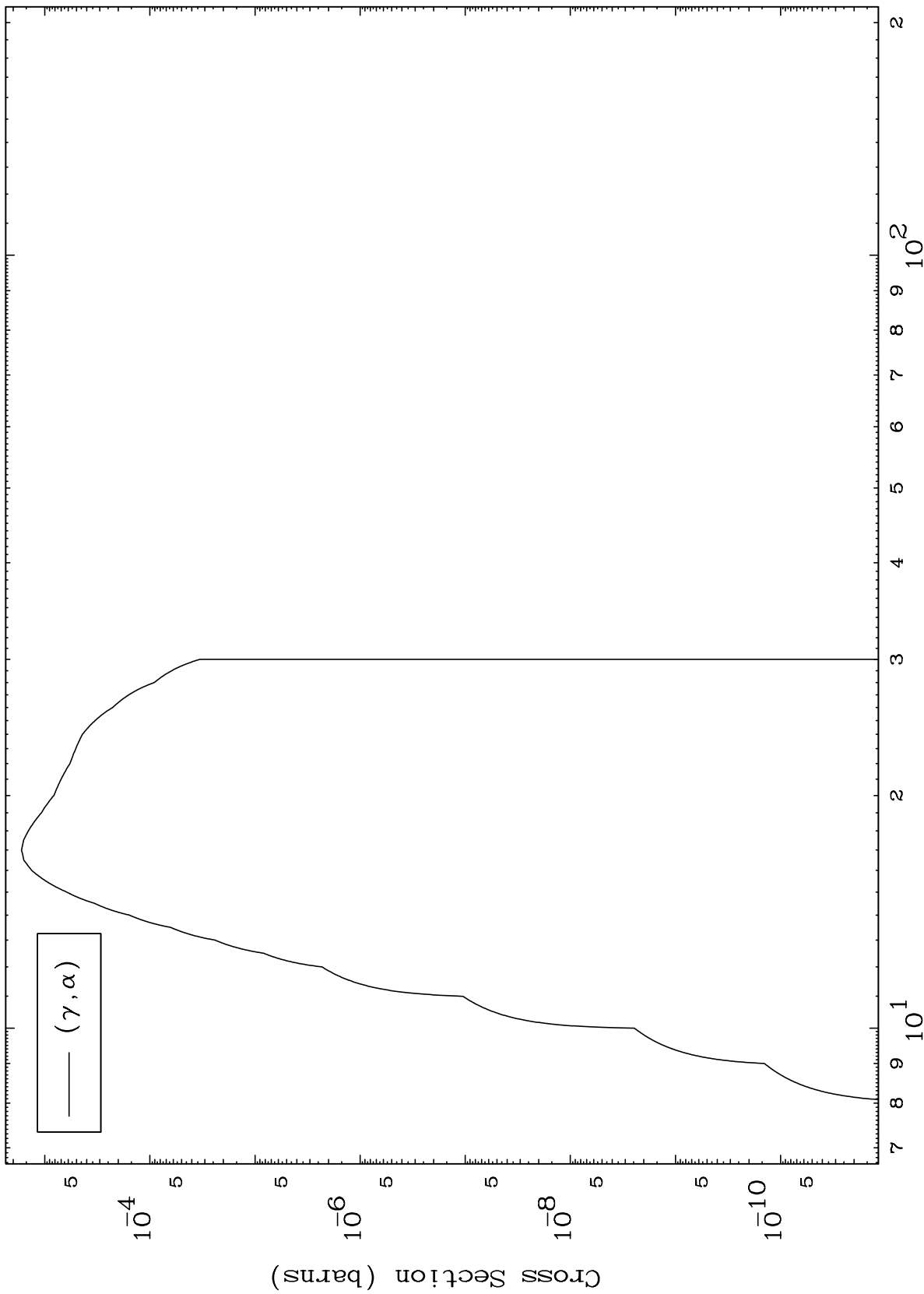
($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 4017

(γ, α) Levels
0 Kelvin Cross Sections

40-Zr-87



10

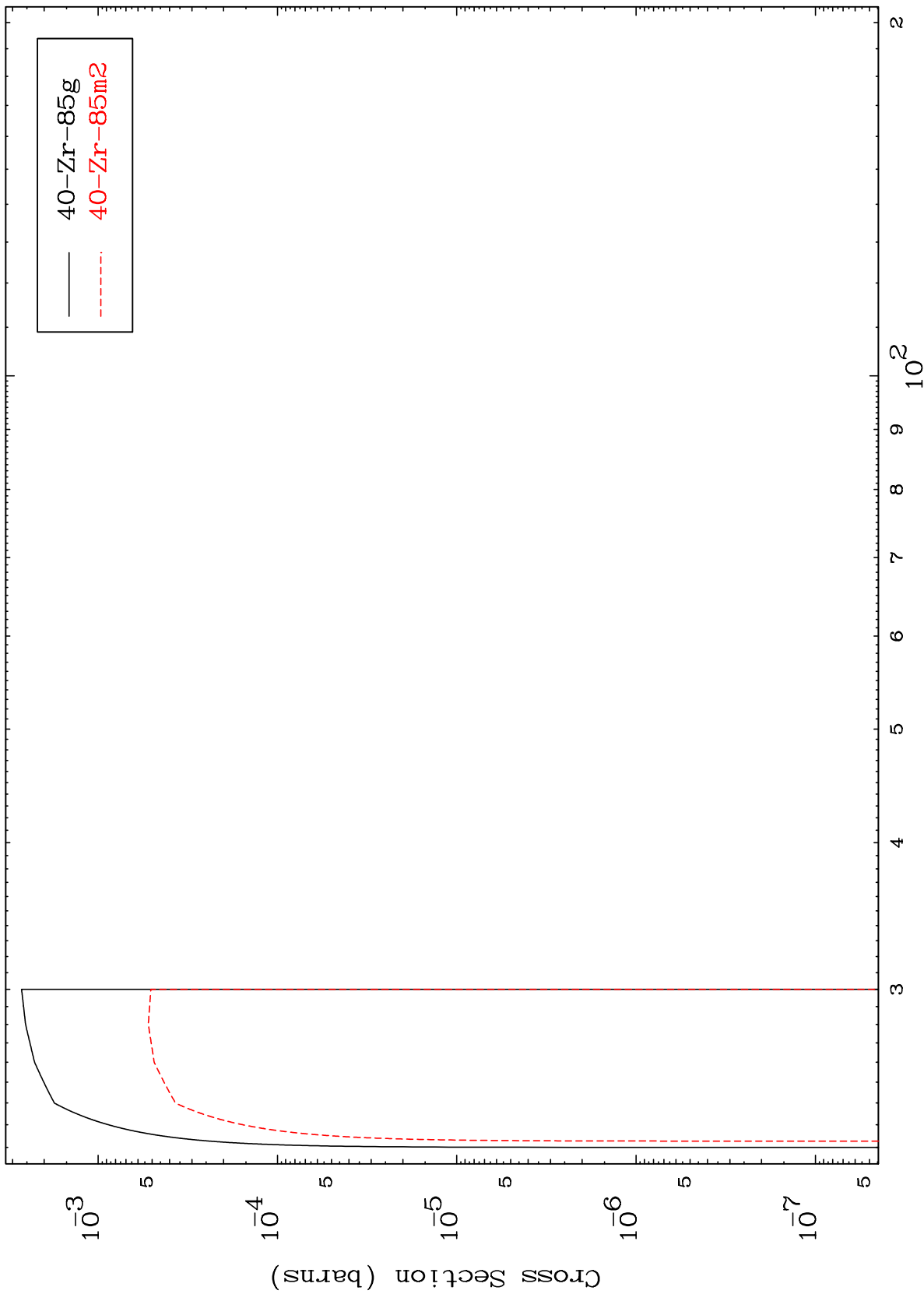
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

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



40-Zr-87

Incident Energy (MeV)

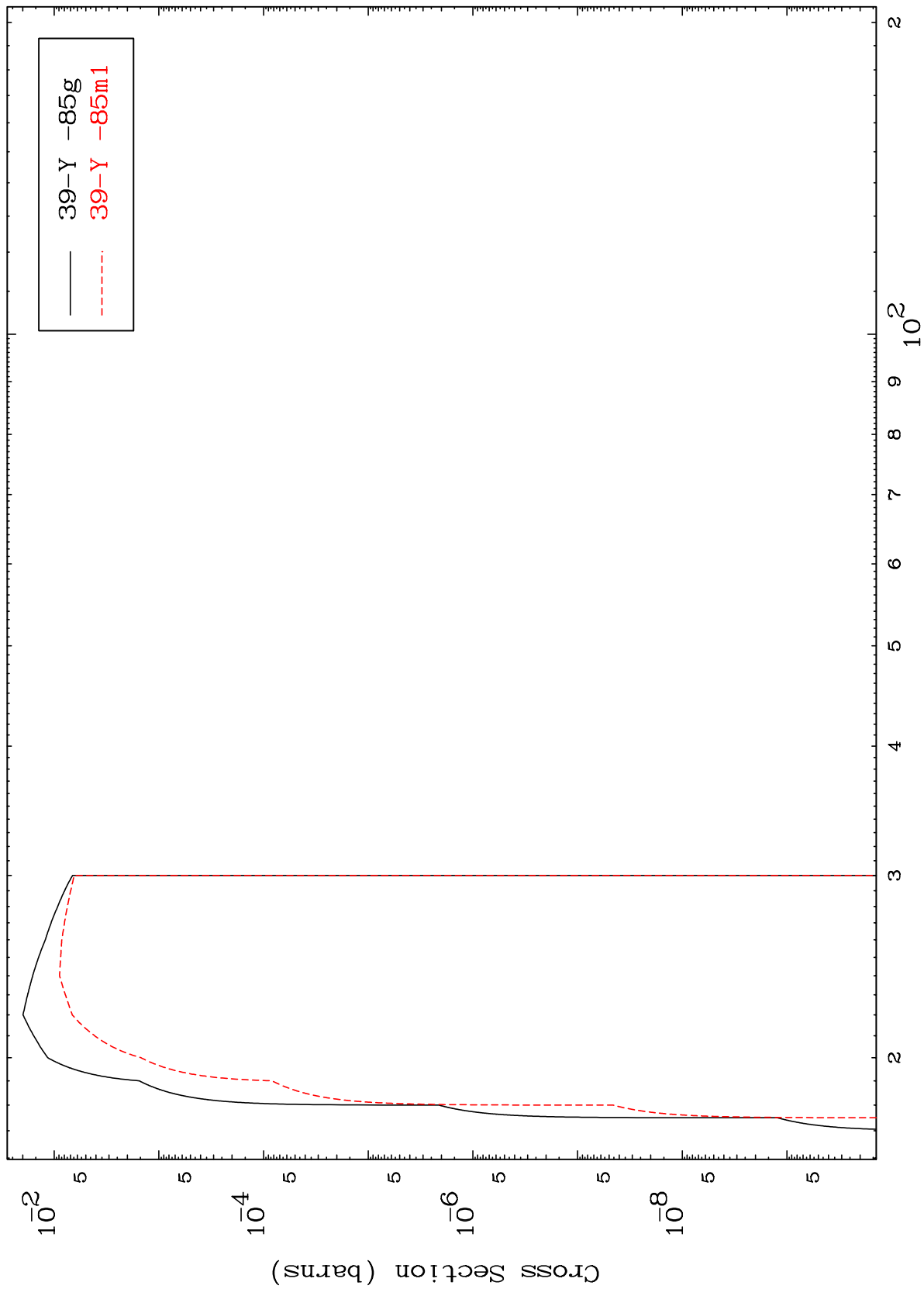
11

MAT 4017

(γ, n') p

40-Zr-87

Radionuclide Production Cross Section



12

Incident Energy (MeV)

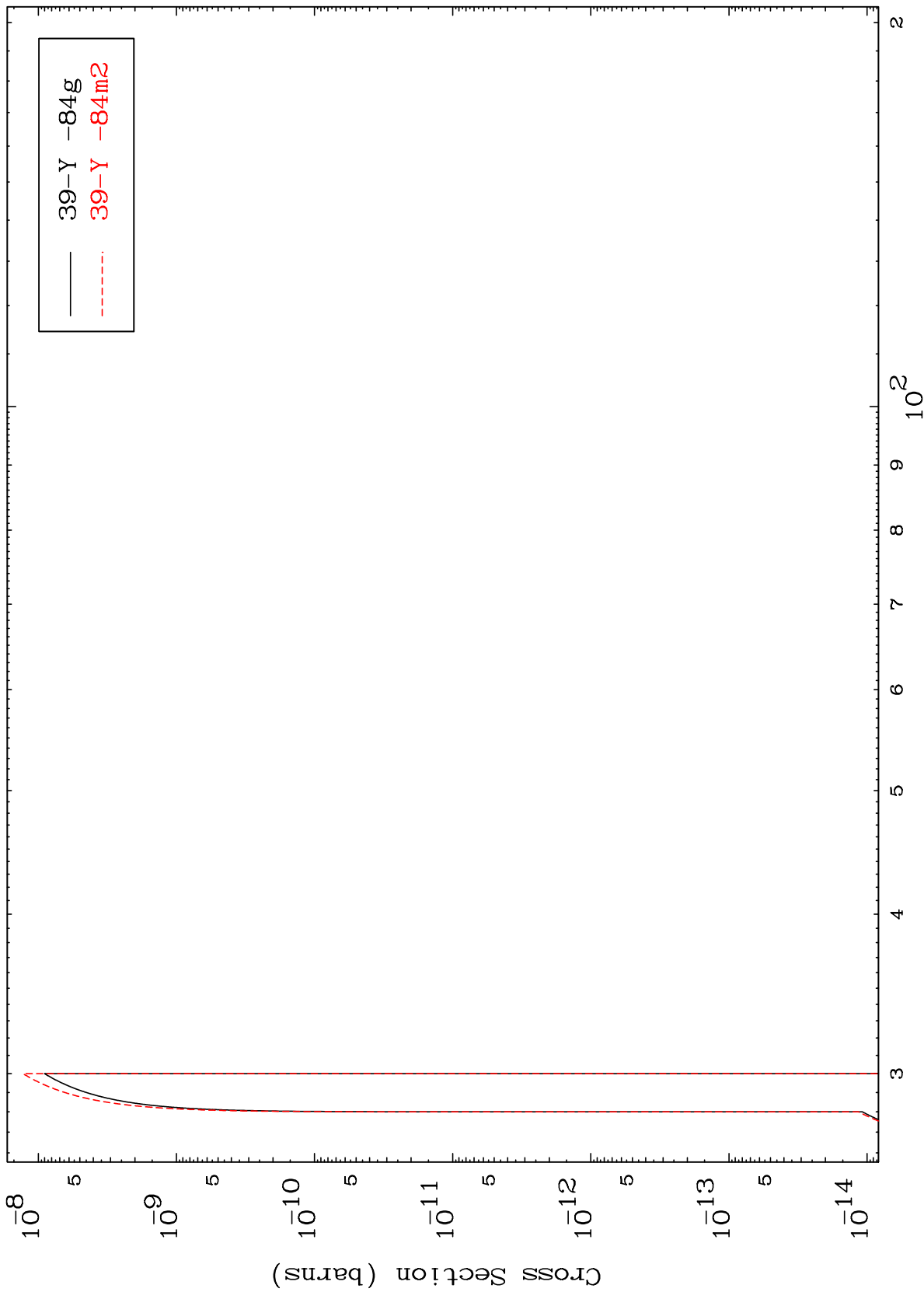
40-Zr-87

MAT 4017

(γ, n') d

40-Zr-87

Radionuclide Production Cross Section



13

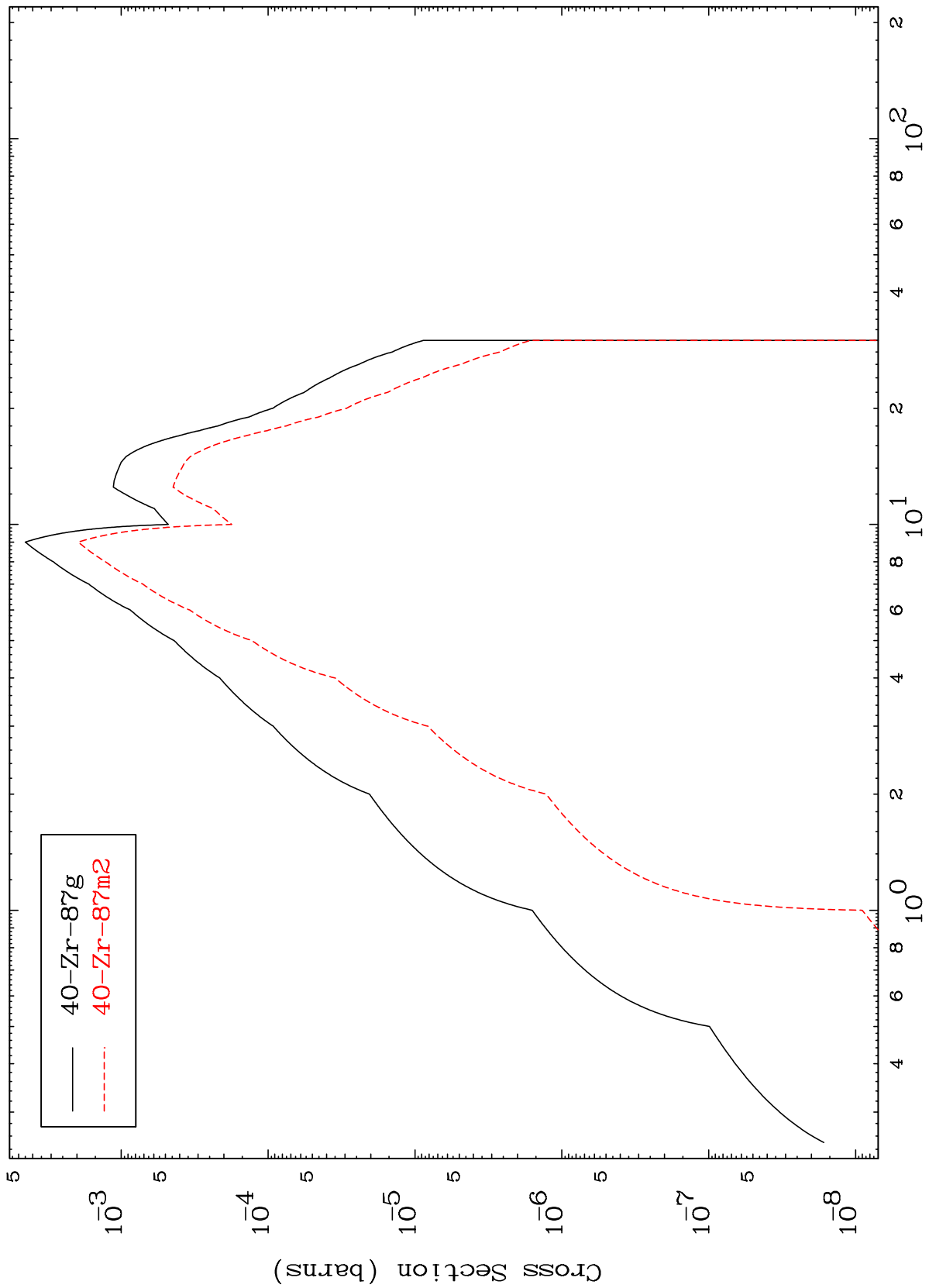
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

Radionuclide Production Cross Section
(γ, γ)



— 40-Zr-87g
- - - 40-Zr-87m2

40-Zr-87

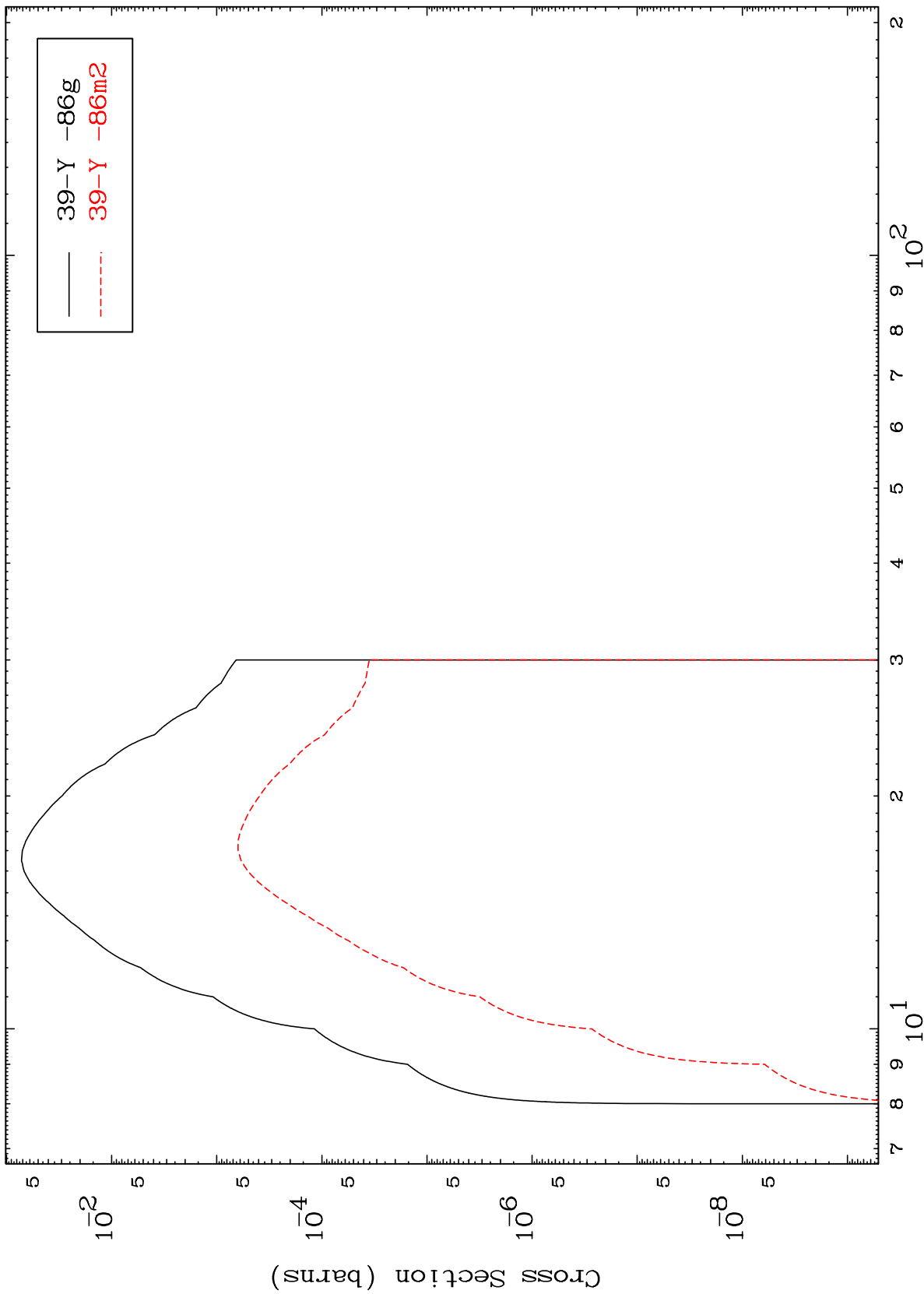
Incident Energy (MeV)

14

MAT 4017

40-Zr-87

(γ, p)
Radionuclide Production Cross Section



40-Zr-87

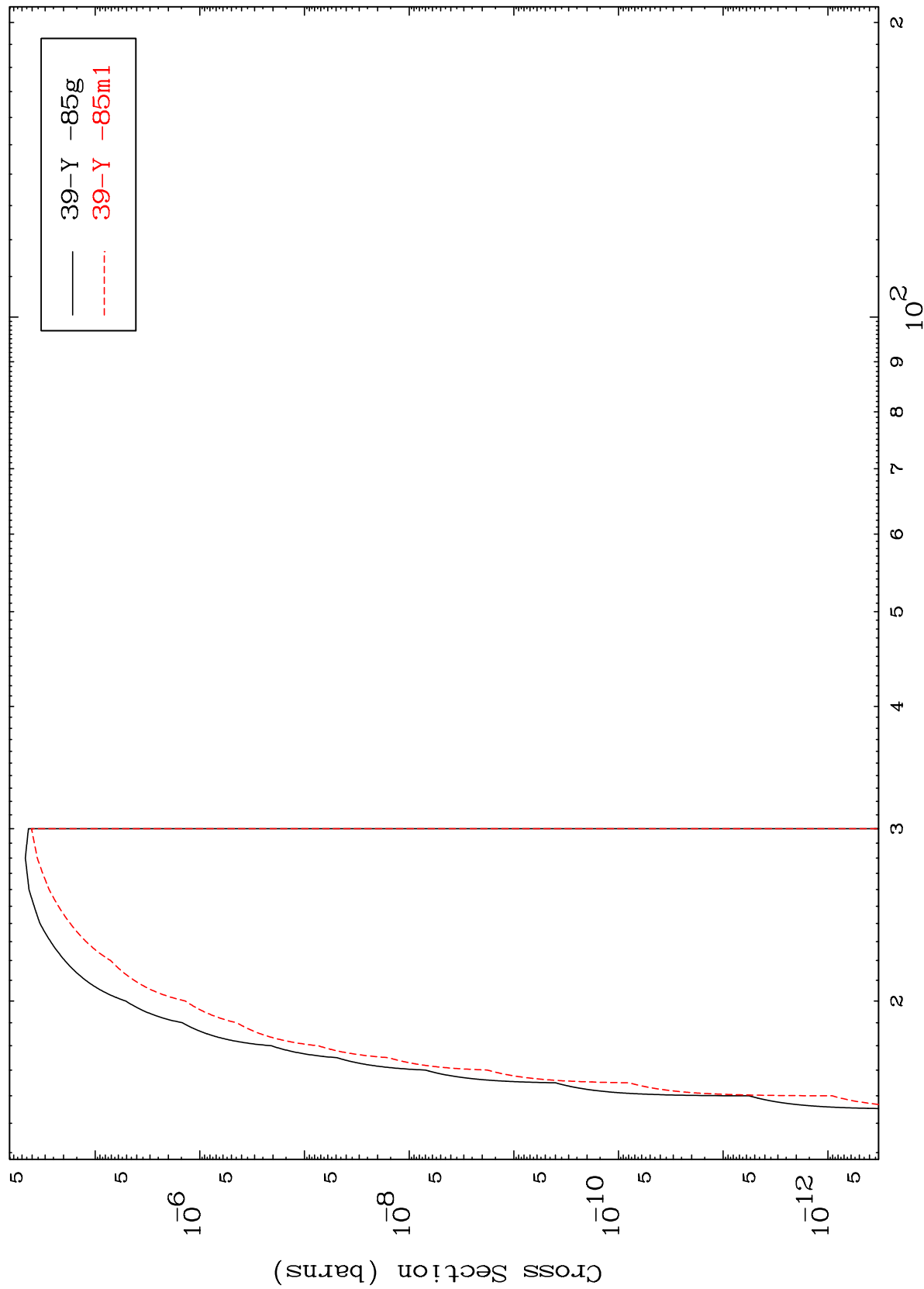
Incident Energy (MeV)

15

MAT 4017

40-Zr-87

(γ, d)
Radionuclide Production Cross Section



16

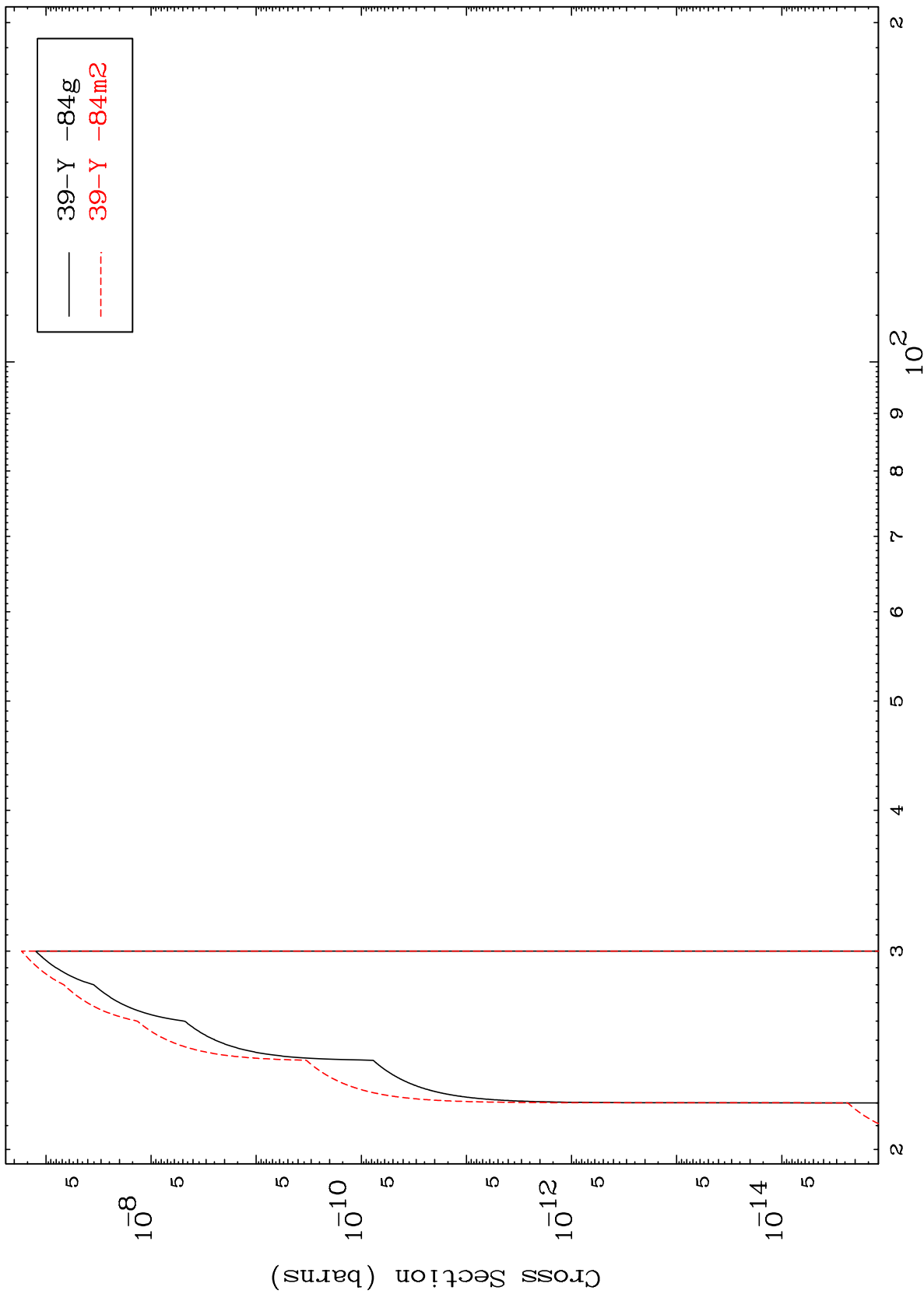
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

(γ, t)
Radionuclide Production Cross Section



17

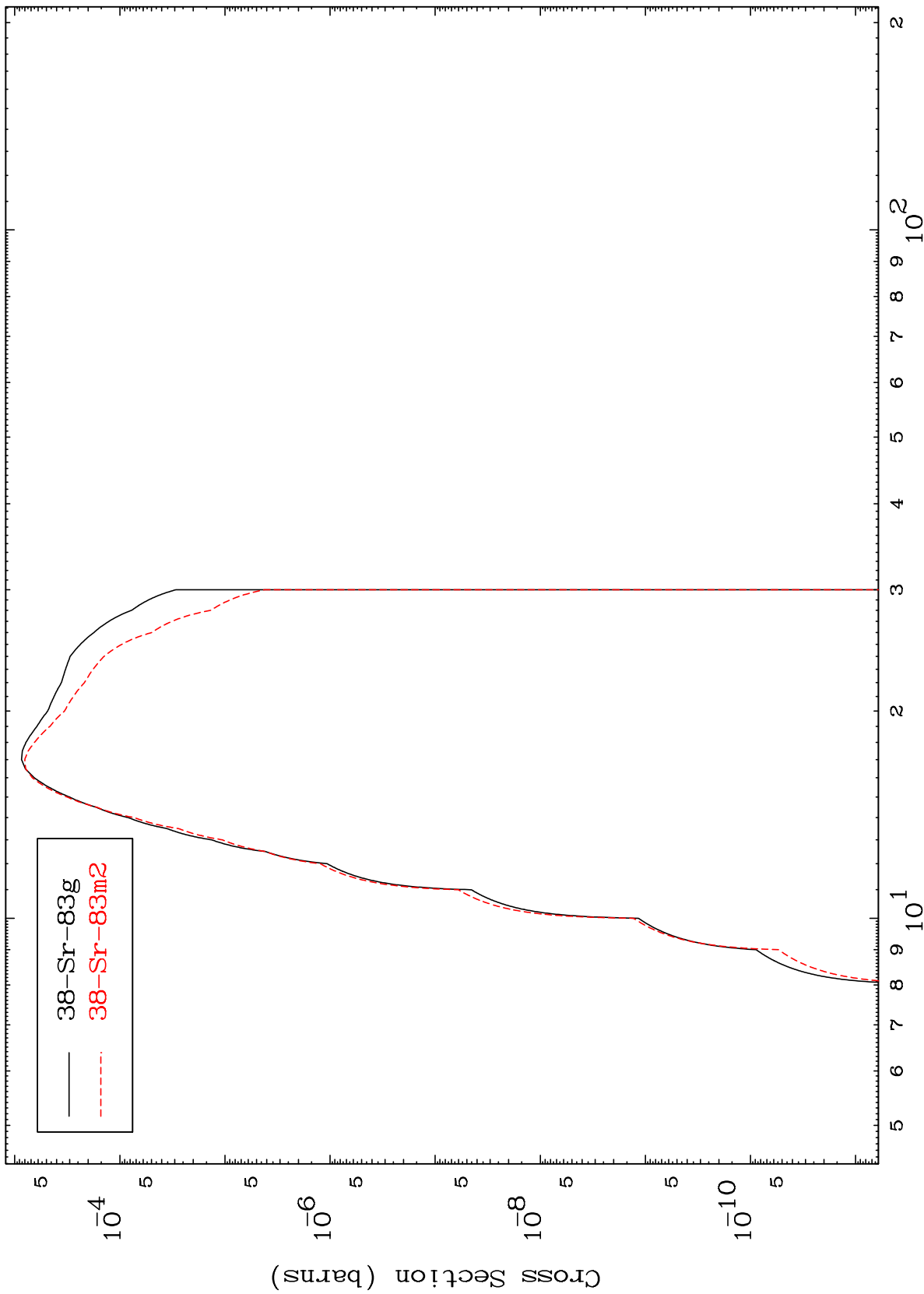
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

Radionuclide Production Cross Section
(γ, α)



40-Zr-87

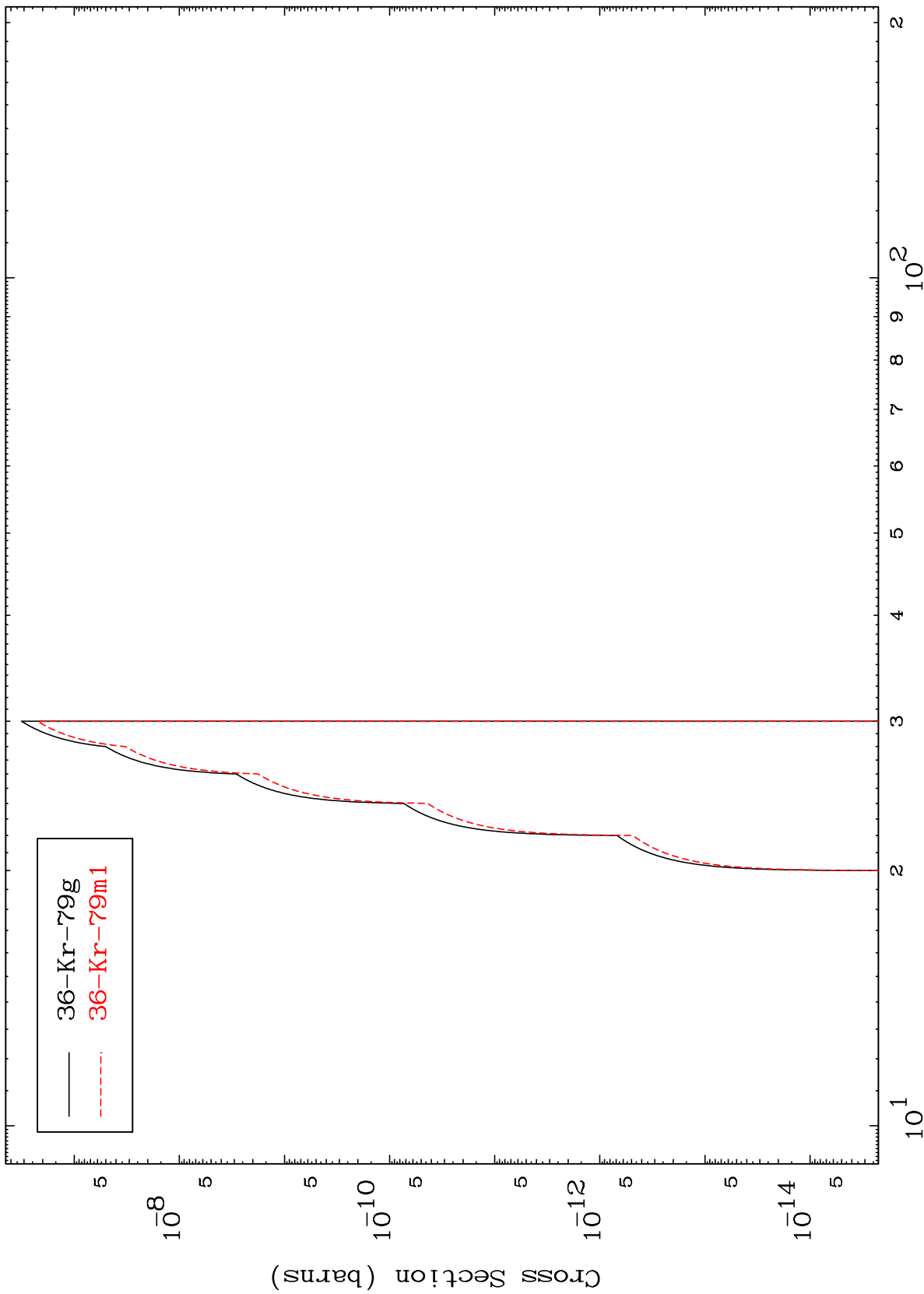
Incident Energy (MeV)

18

MAT 4017

40-Zr-87

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



36-Kr-79g
36-Kr-79m1

40-Zr-87

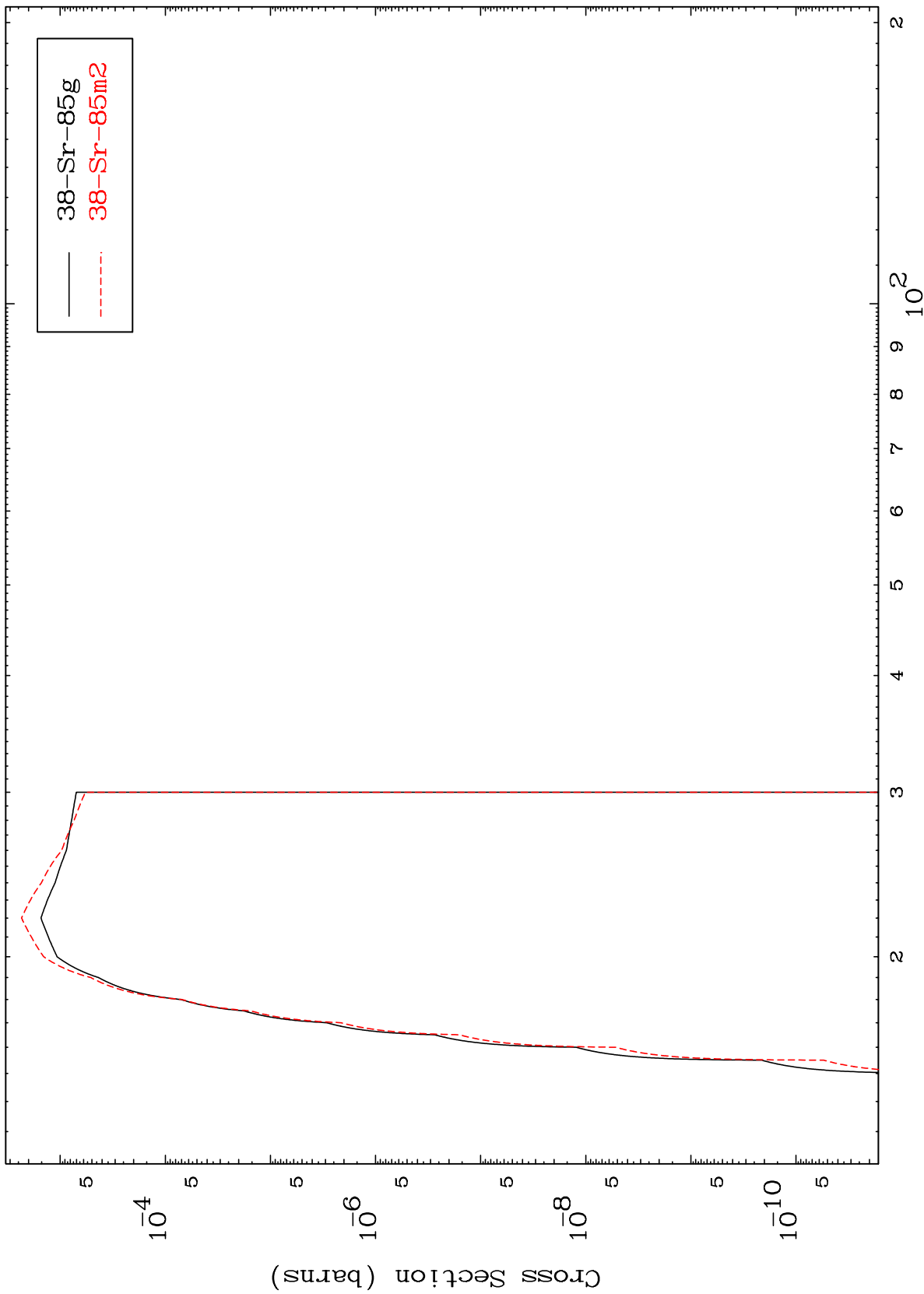
Incident Energy (MeV)

19

MAT 4017

40-Zr-87

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



20

Incident Energy (MeV)

40-Zr-87

MAT 4017

(γ, p) α

40-Zr-87

