

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

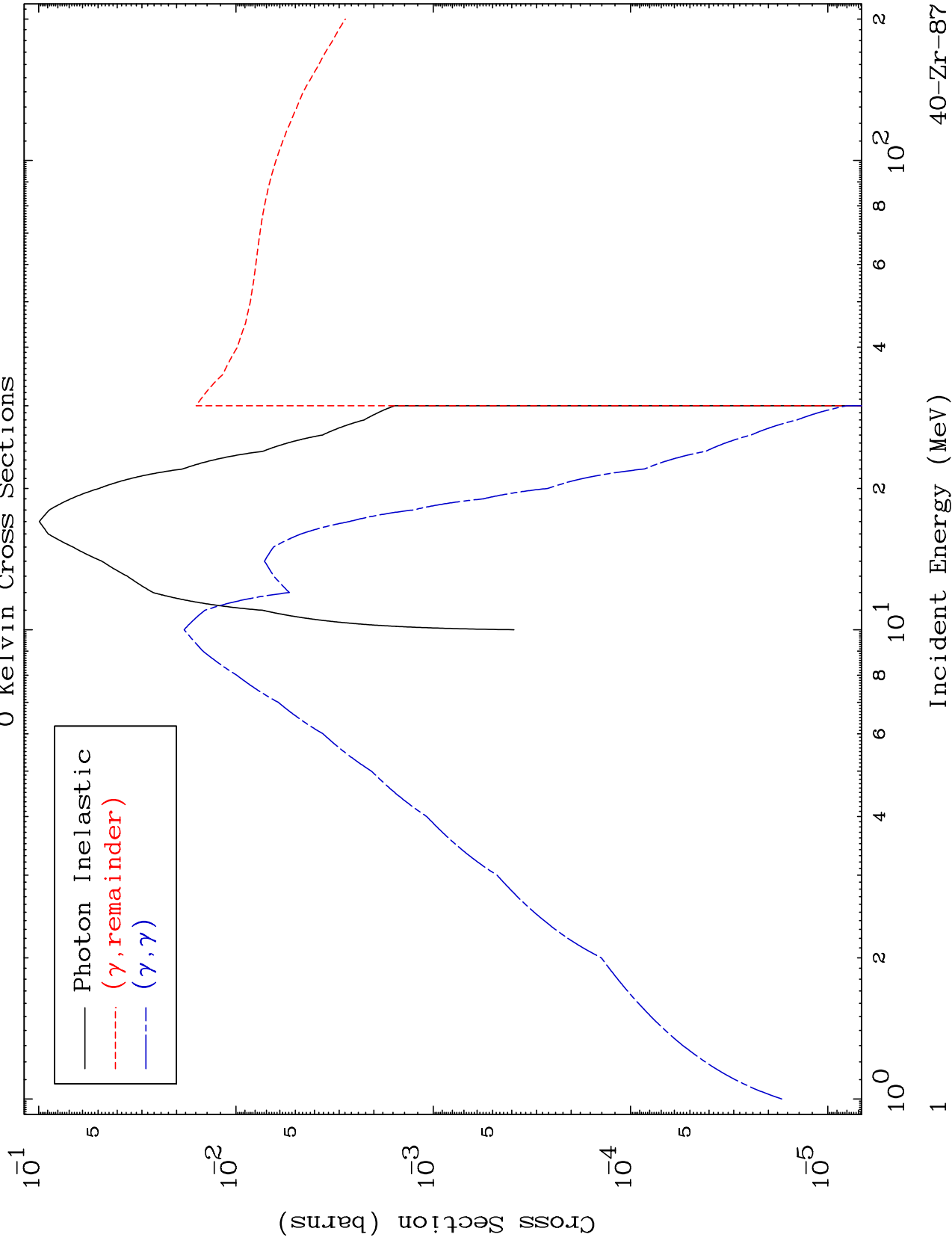
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4016

Photon Major
0 Kelvin Cross Sections

40-Zr-87

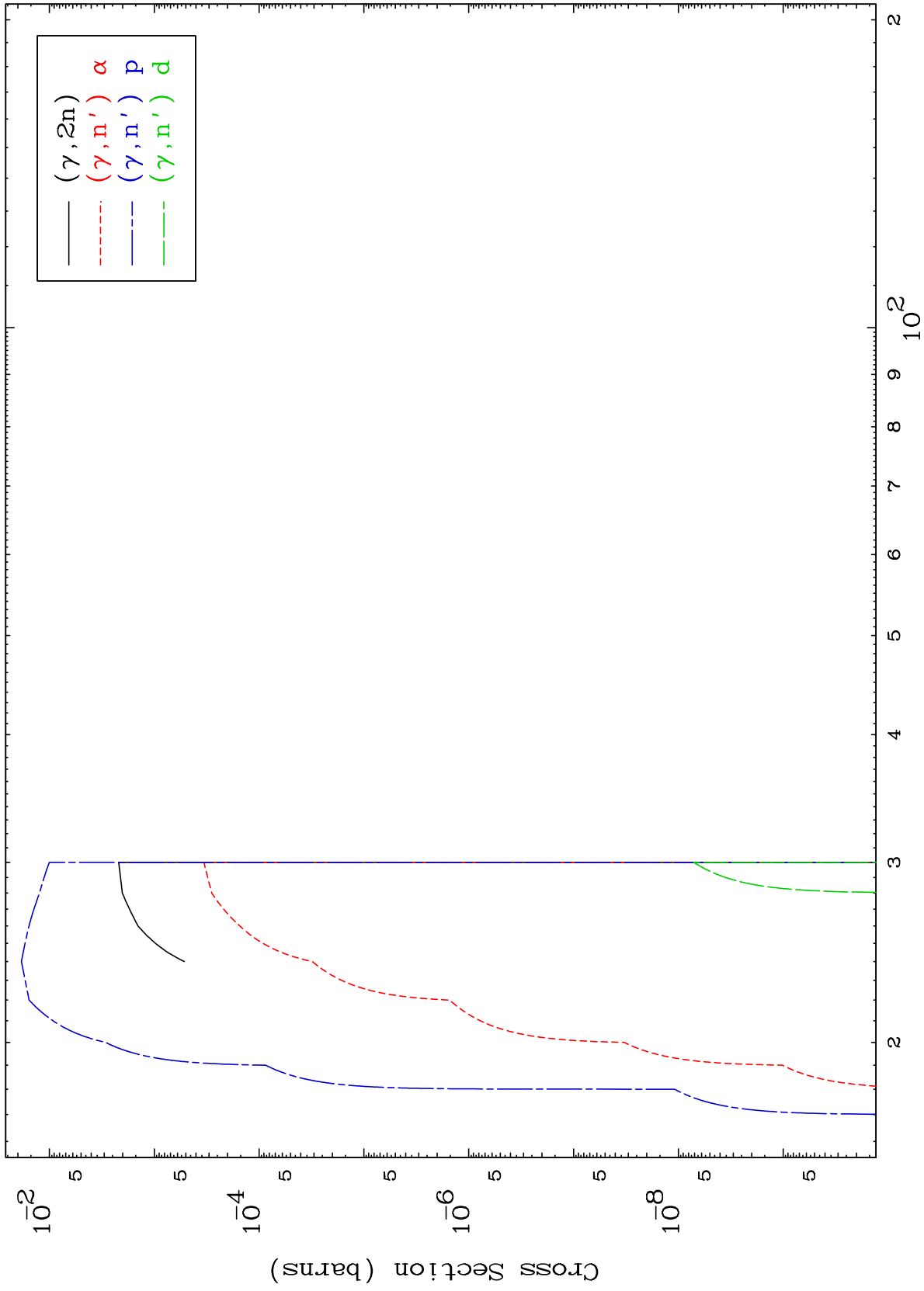


40-Zr-87

MAT 4016

Photon Neutron Production
0 Kelvin Cross Sections

40-Zr-87



2

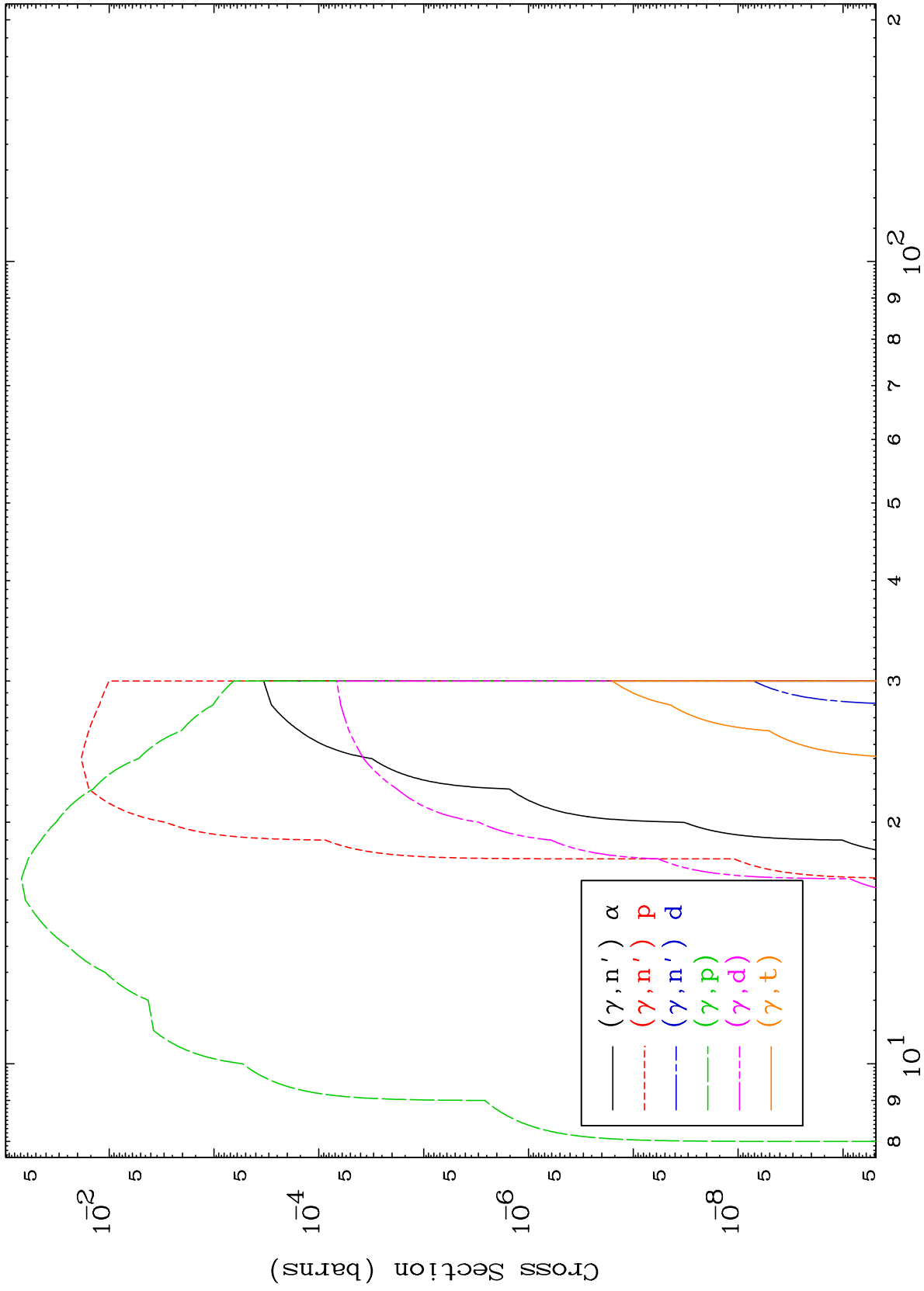
Incident Energy (MeV)

40-Zr-87

MAT 4016

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-87



3

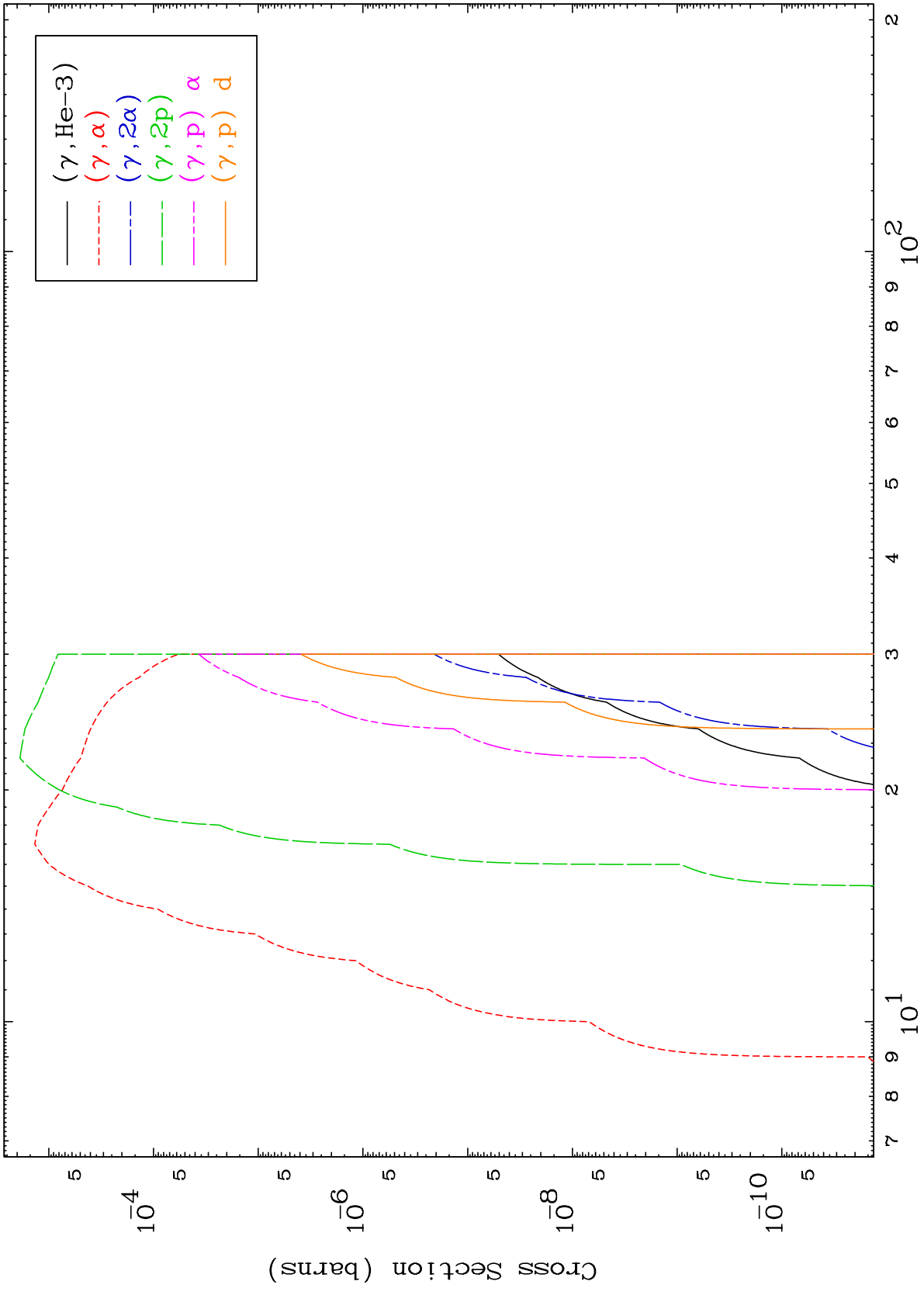
Incident Energy (MeV)

40-Zr-87

MAT 4016

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-87



40-Zr-87

Incident Energy (MeV)

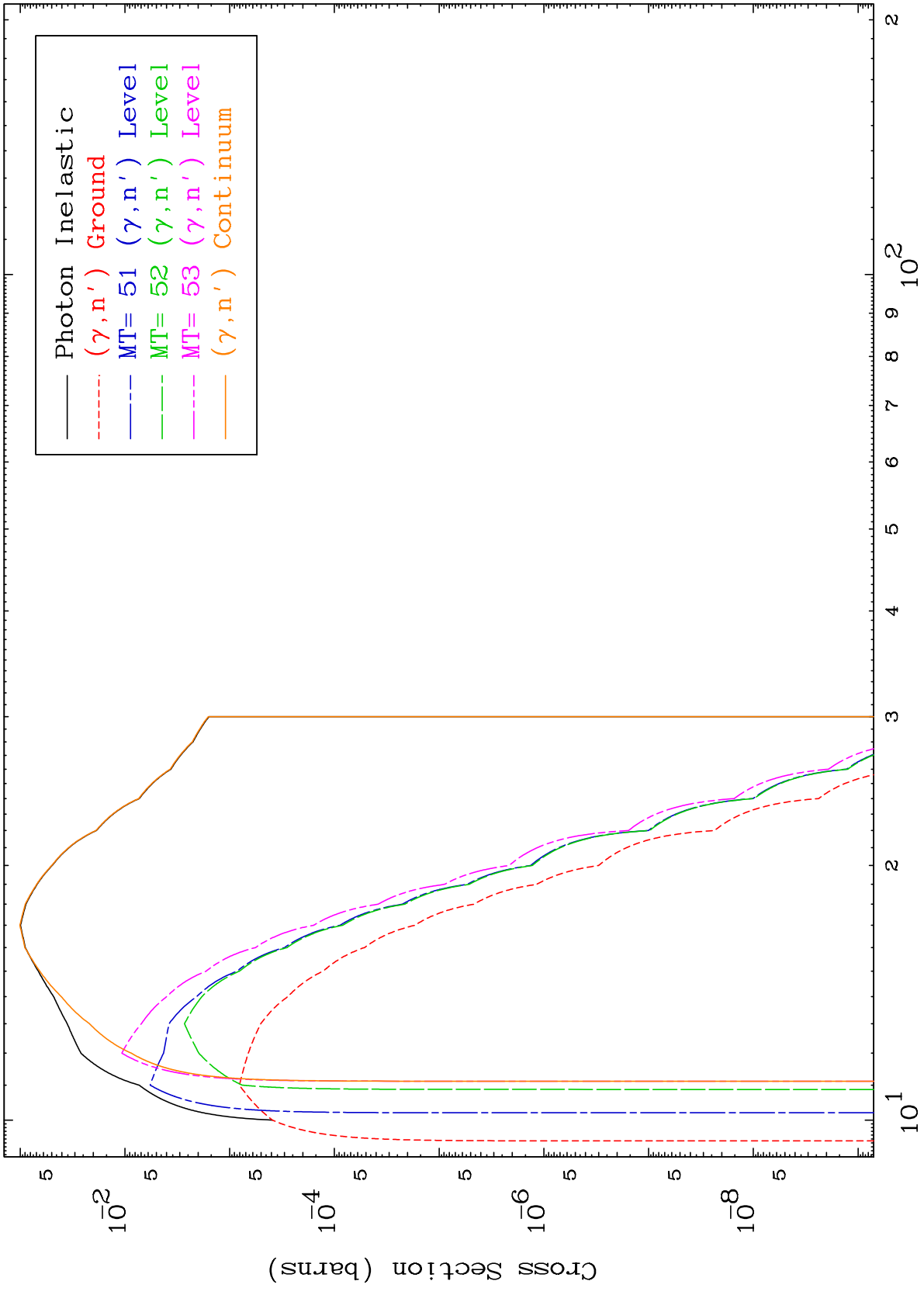
4

MAT 4016

(γ, n') Level

40-Zr-87

0 Kelvin Cross Sections



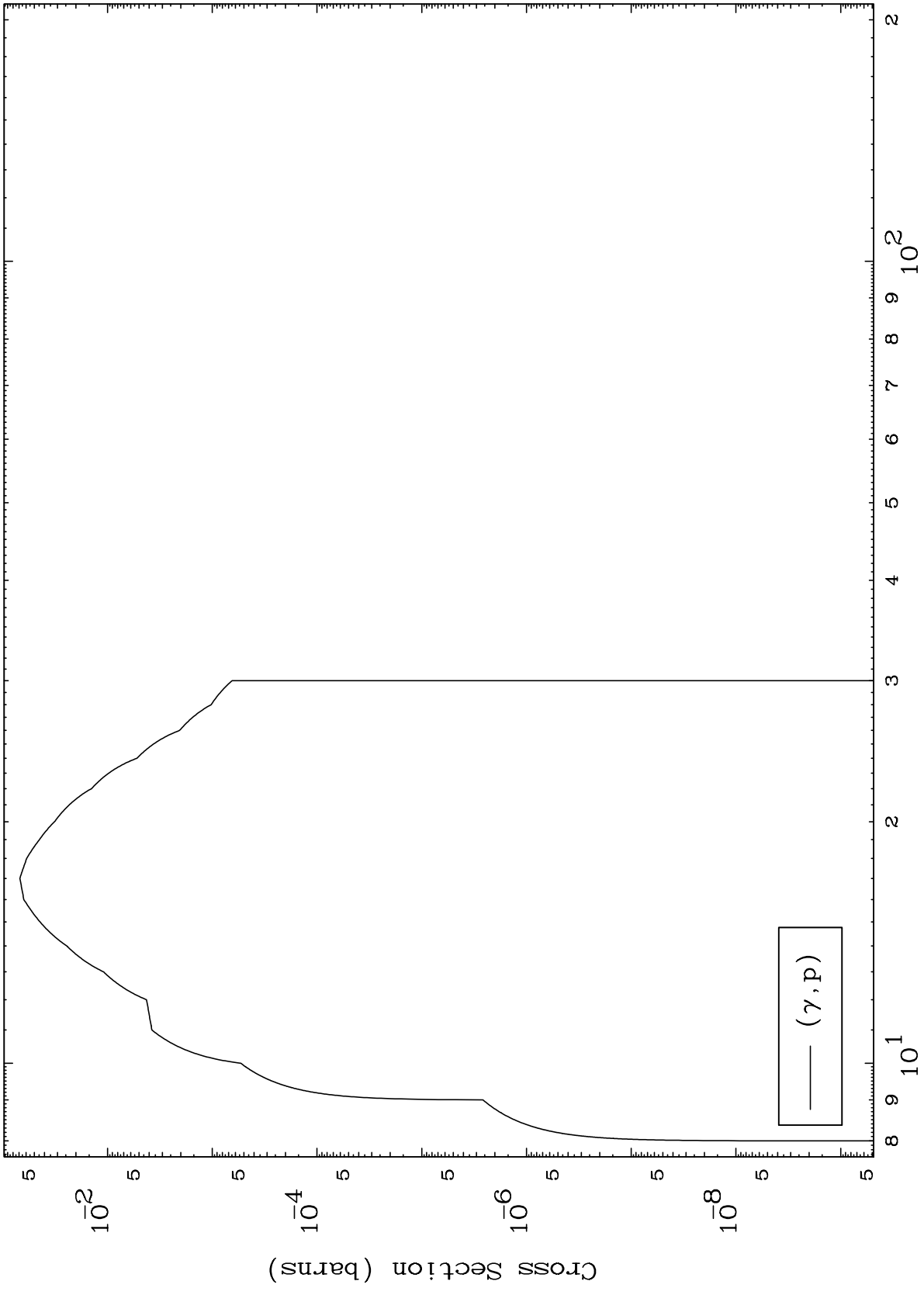
Incident Energy (MeV)

40-Zr-87

MAT 4016

(γ, p) Levels
0 Kelvin Cross Sections

40-Zr-87



6

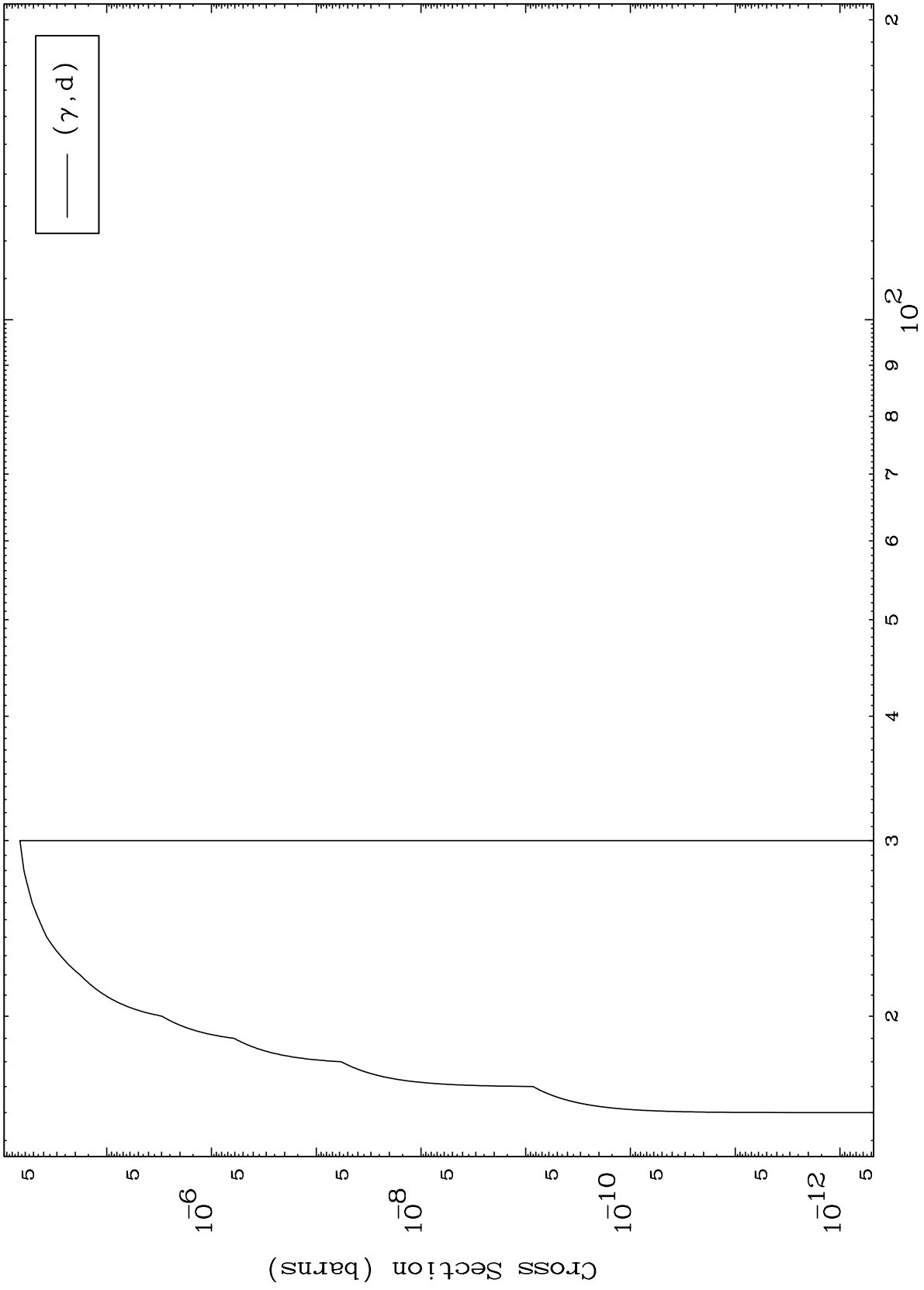
Incident Energy (MeV)

40-Zr-87

MAT 4016

(γ, d) Levels
0 Kelvin Cross Sections

40-Zr-87



7

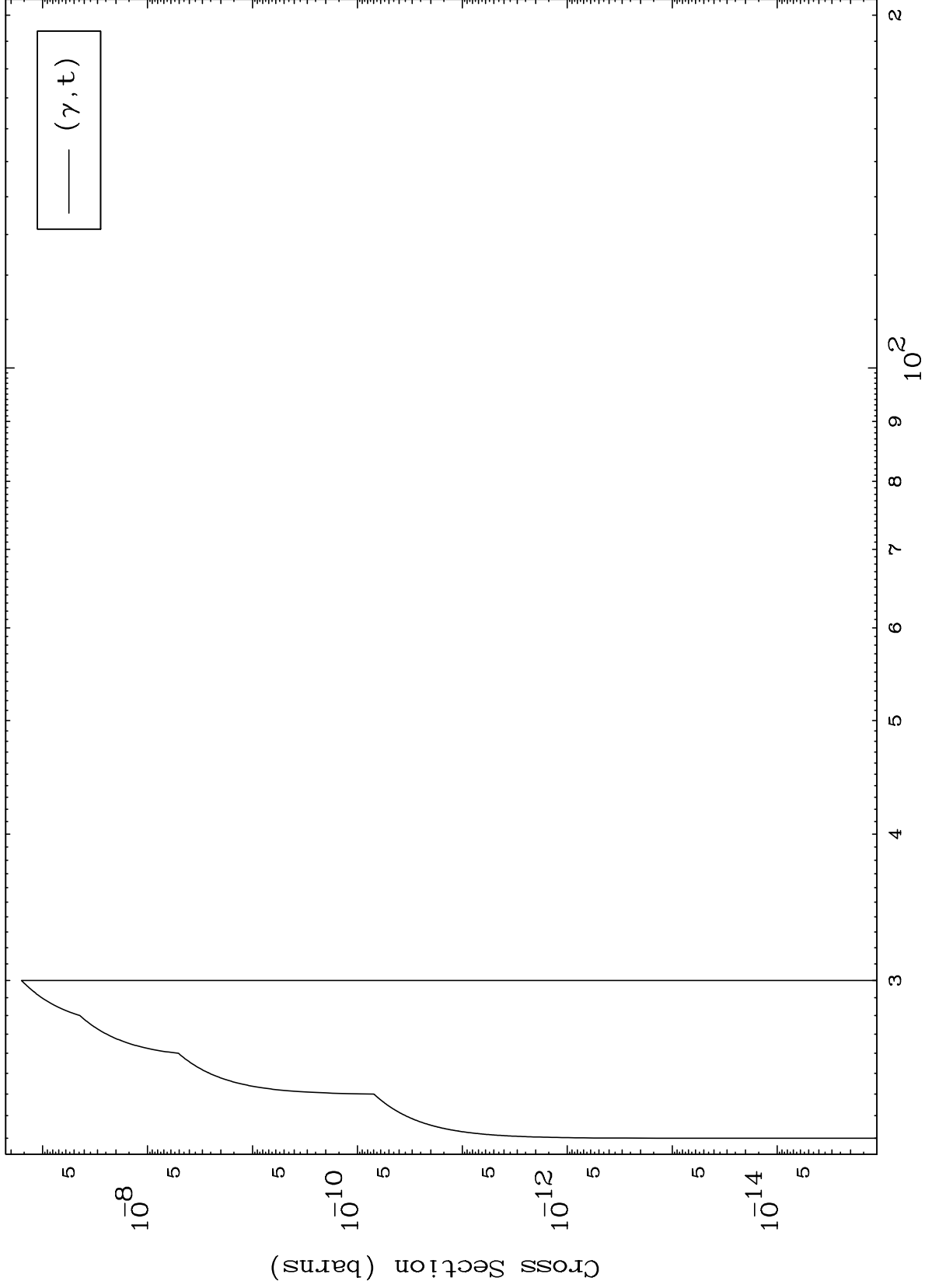
Incident Energy (MeV)

40-Zr-87

MAT 4016

(γ, t) Levels
0 Kelvin Cross Sections

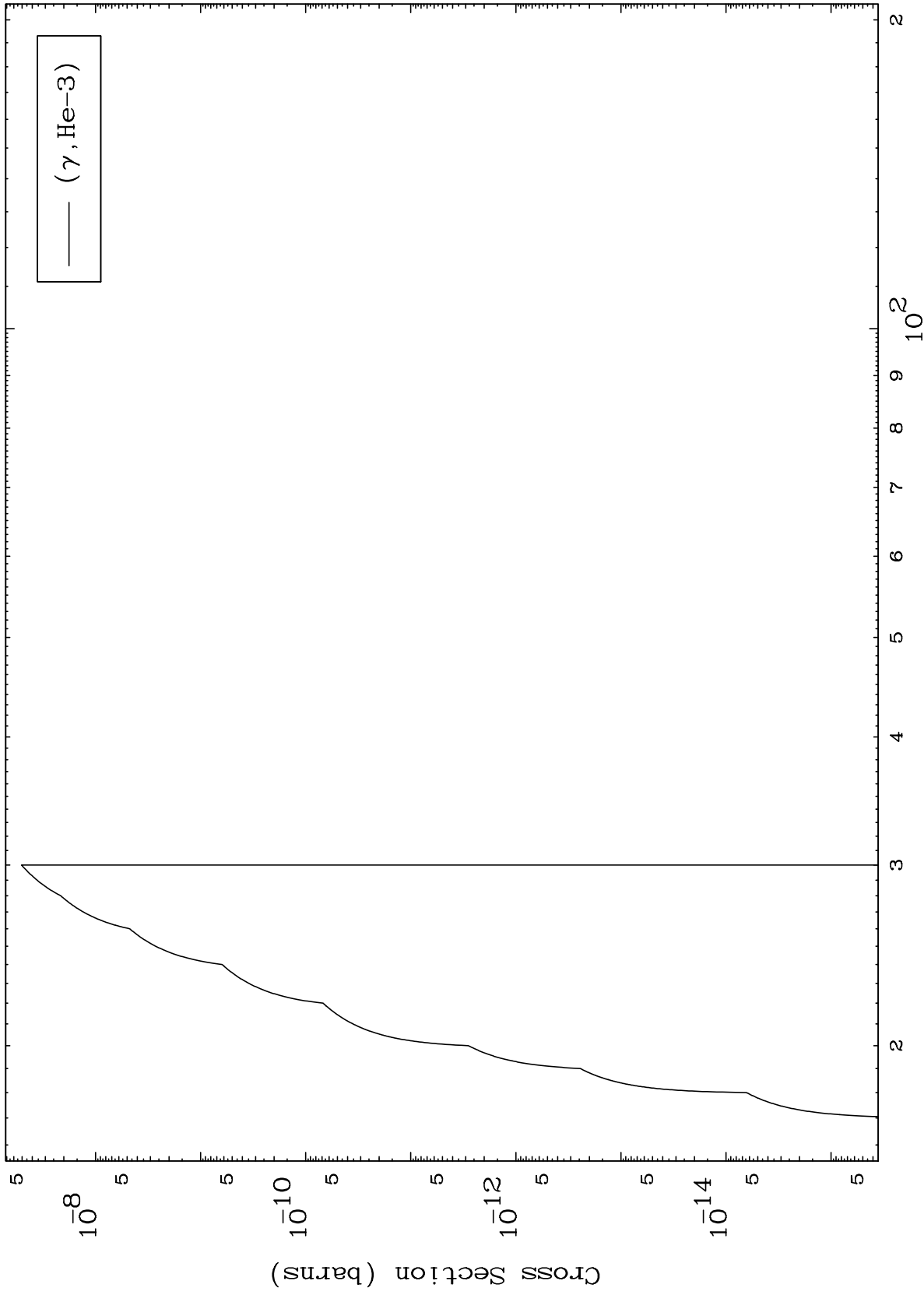
40-Zr-87



8

Incident Energy (MeV)

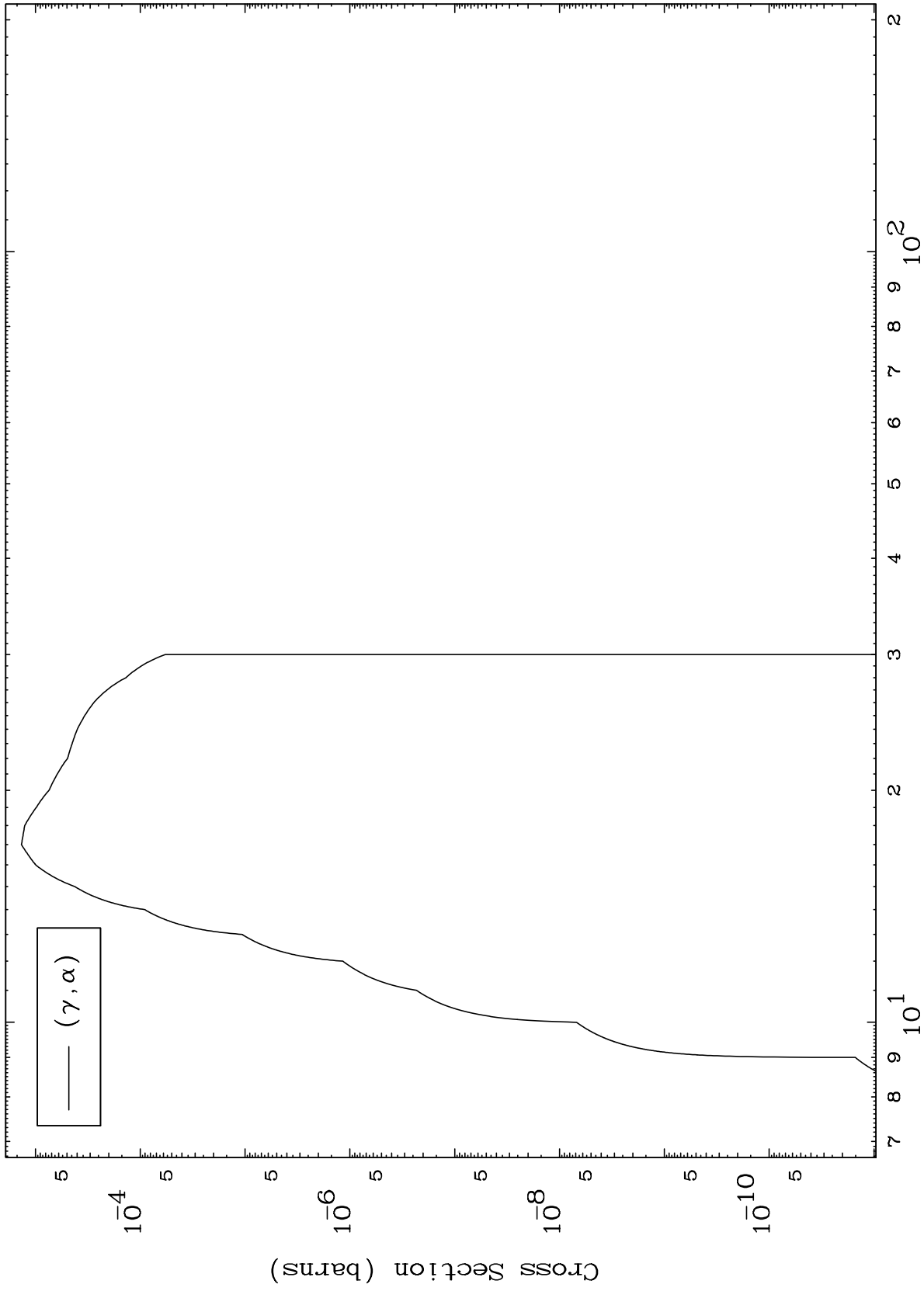
40-Zr-87



MAT 4016

(γ, α) Levels
0 Kelvin Cross Sections

40-Zr-87



10

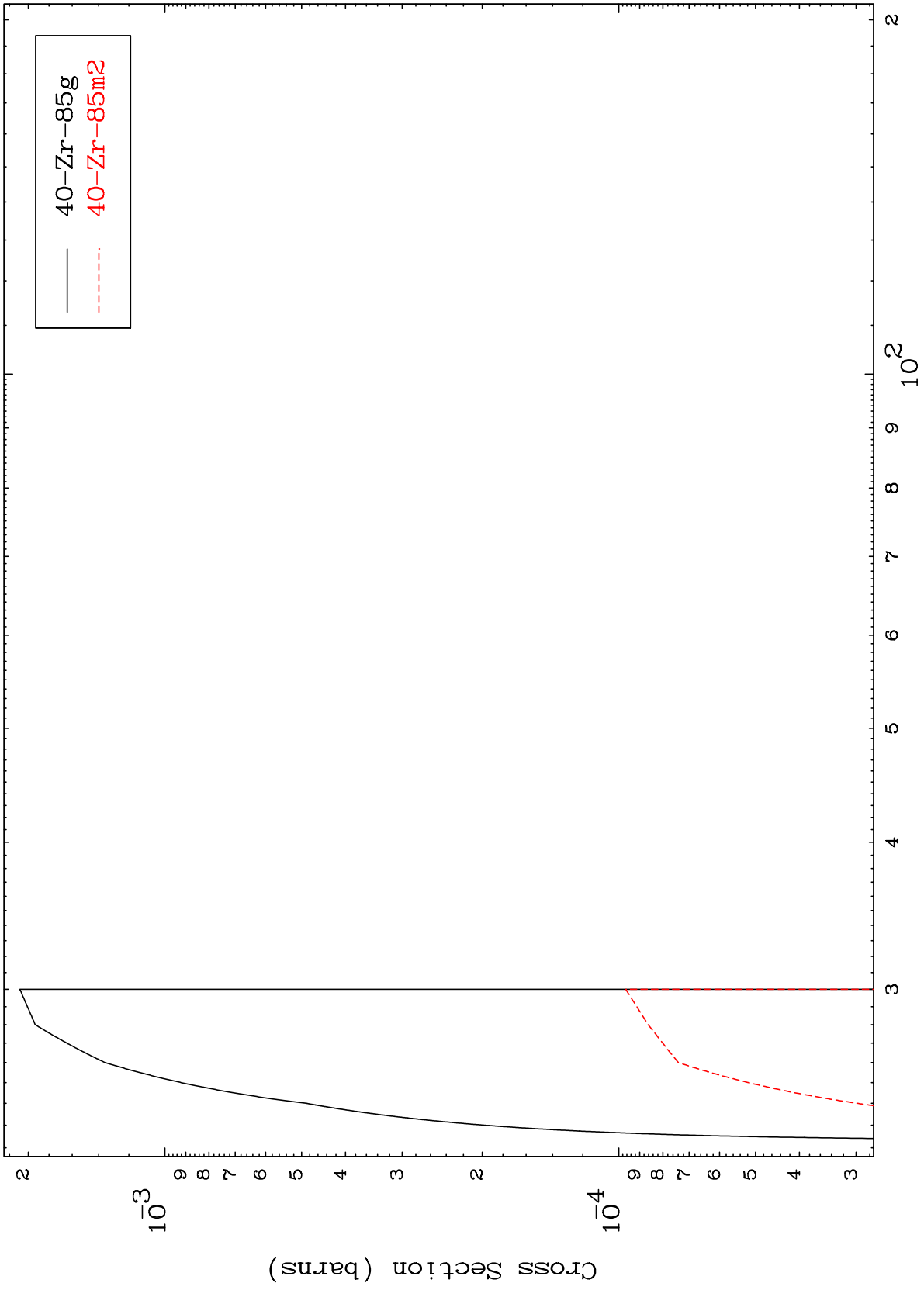
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

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



11

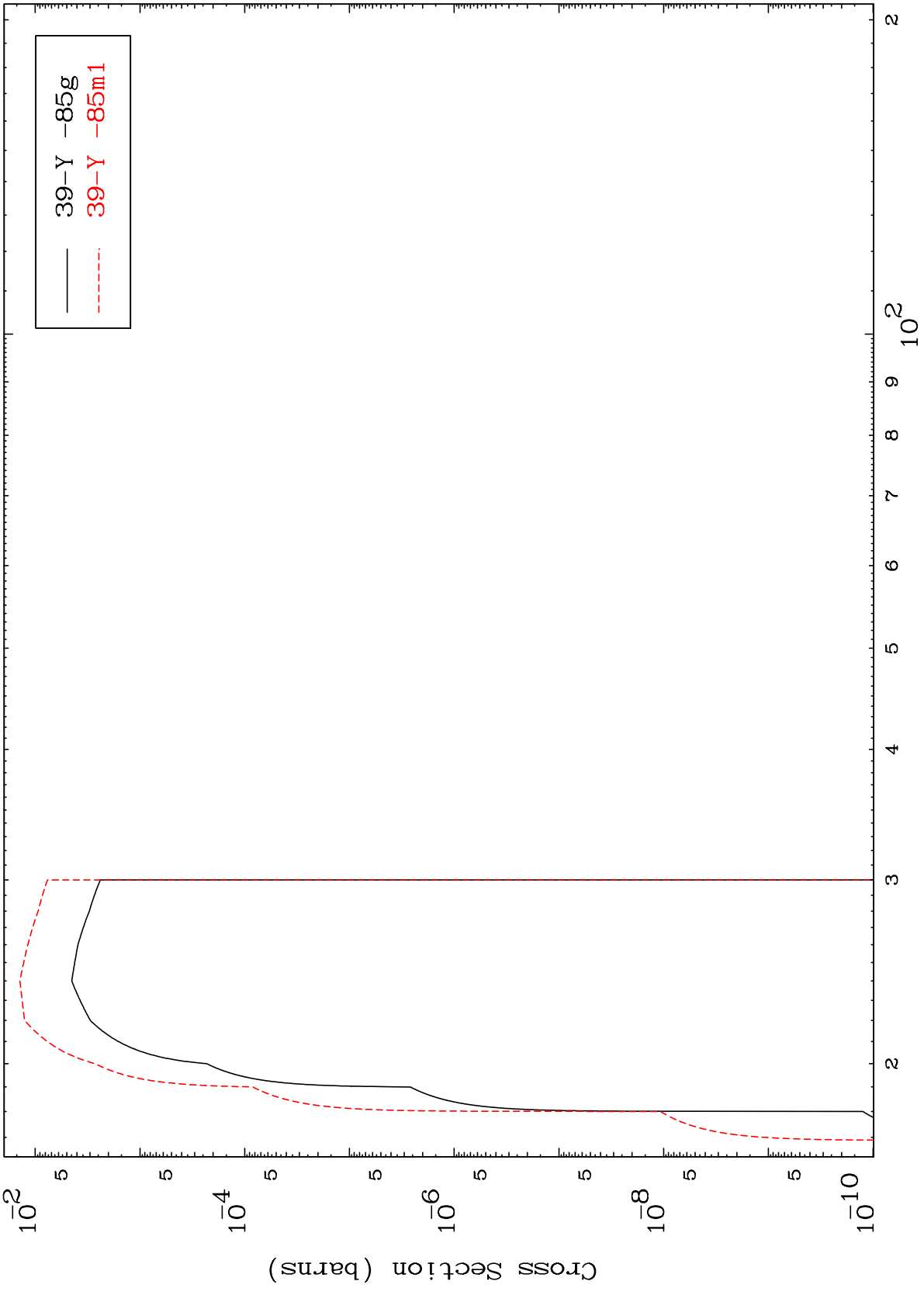
40-Zr-87

MAT 4016

(γ, n') p

Radionuclide Production Cross Section

40-Zr-87



40-Zr-87

Incident Energy (MeV)

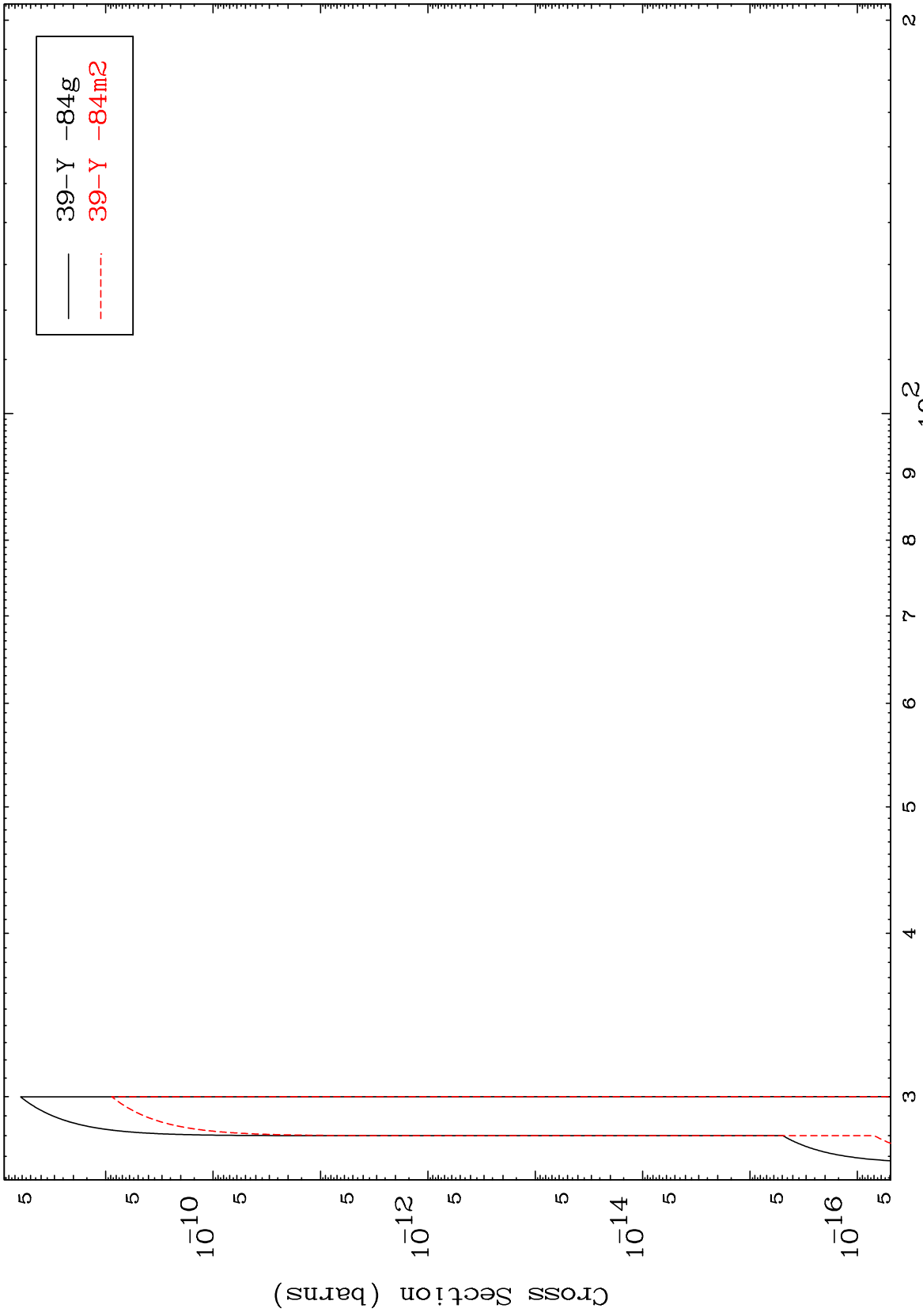
12

MAT 4016

(γ, n') d

40-Zr-87

Radionuclide Production Cross Section



13

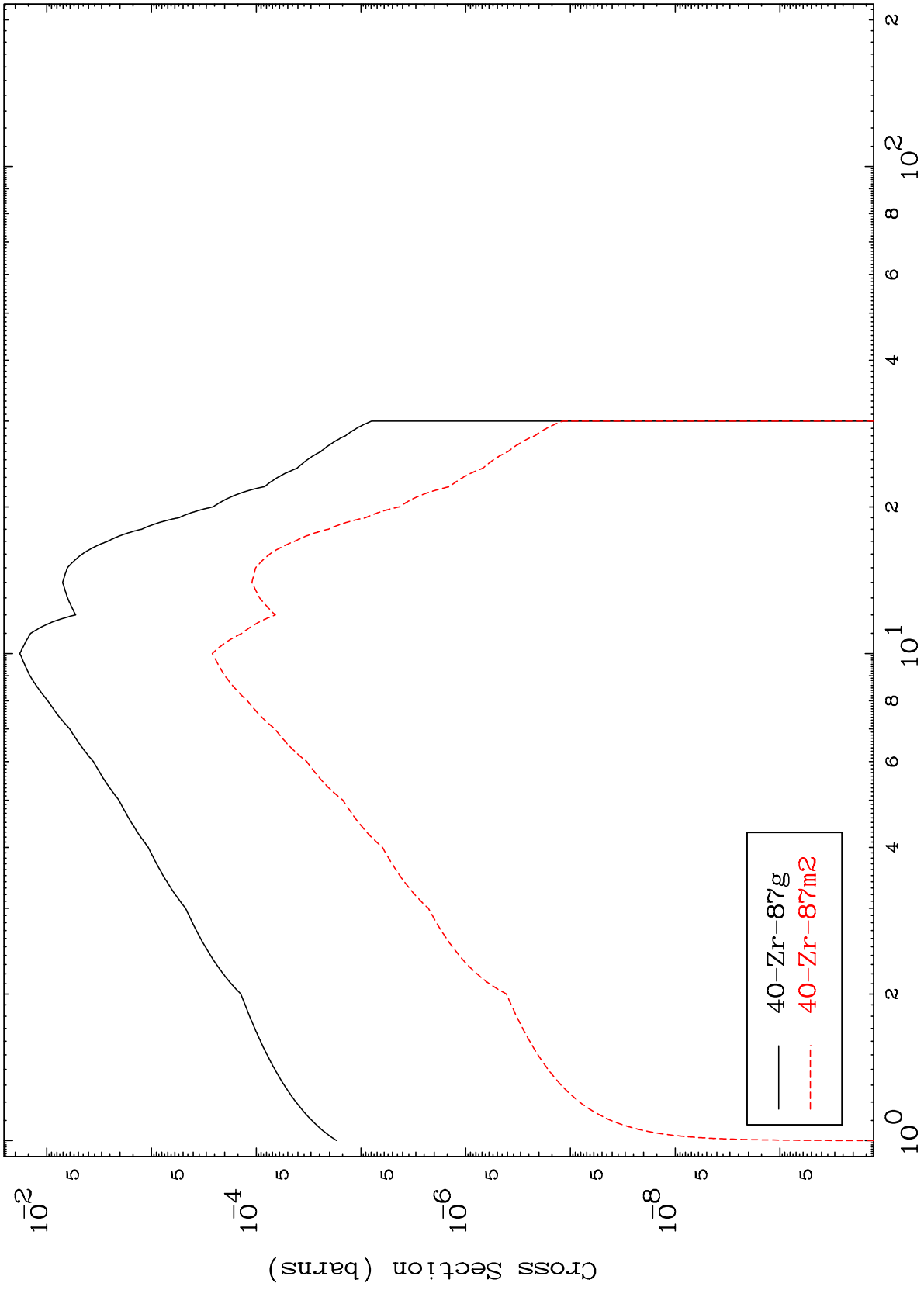
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

Radionuclide Production Cross Section
(γ, γ)



14

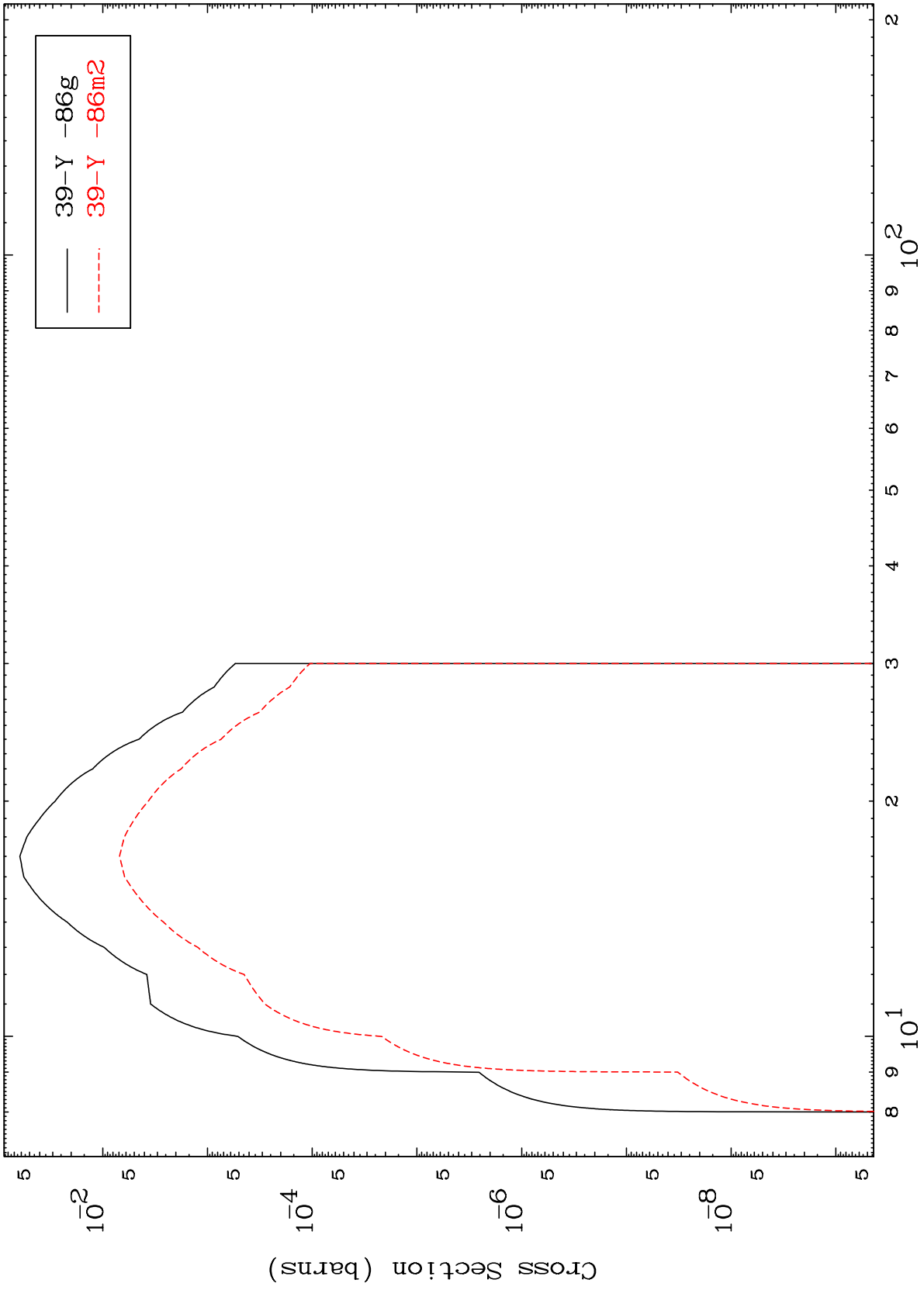
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

Radionuclide Production Cross Section
(γ, p)



15

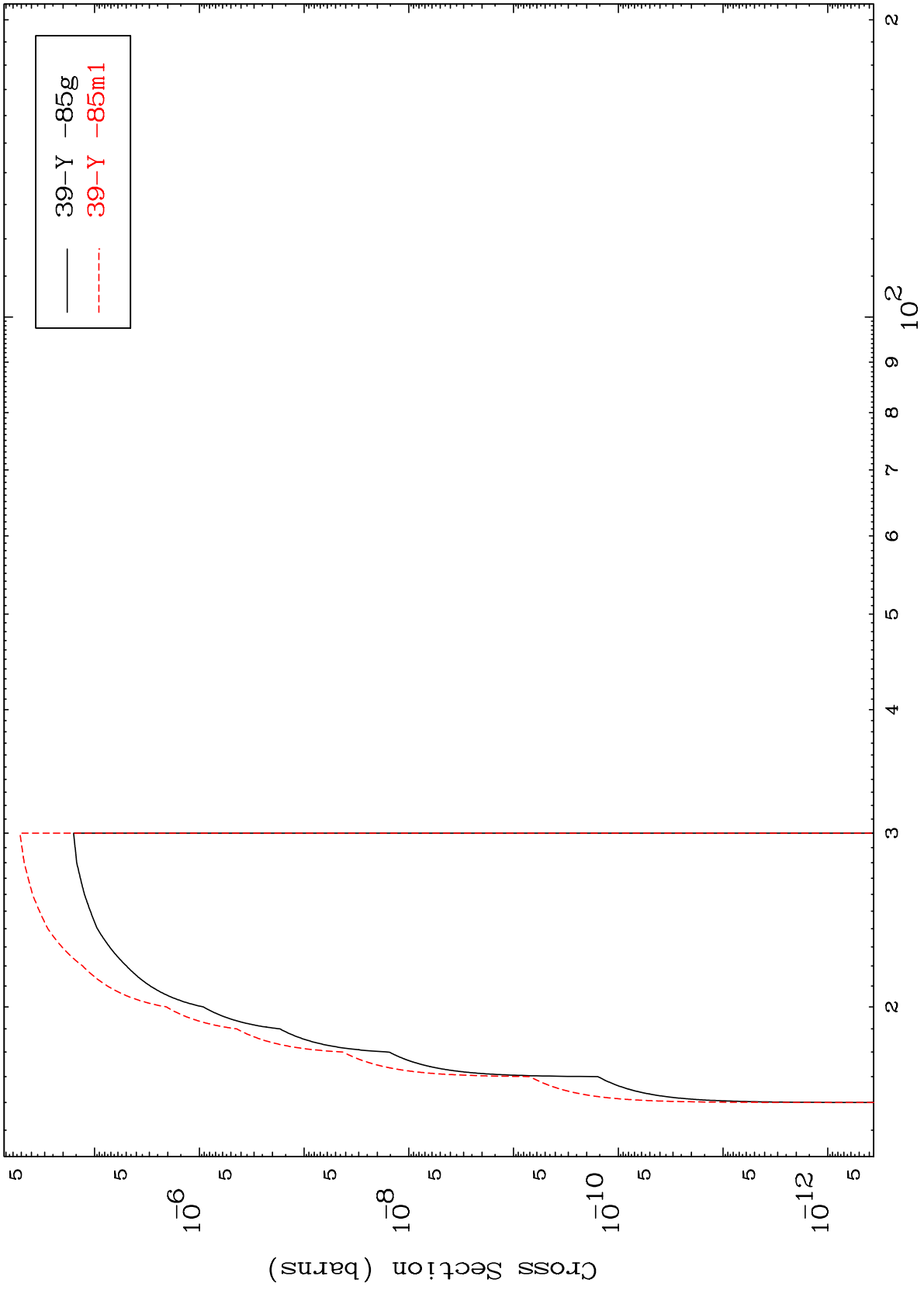
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

(γ, d)
Radionuclide Production Cross Section



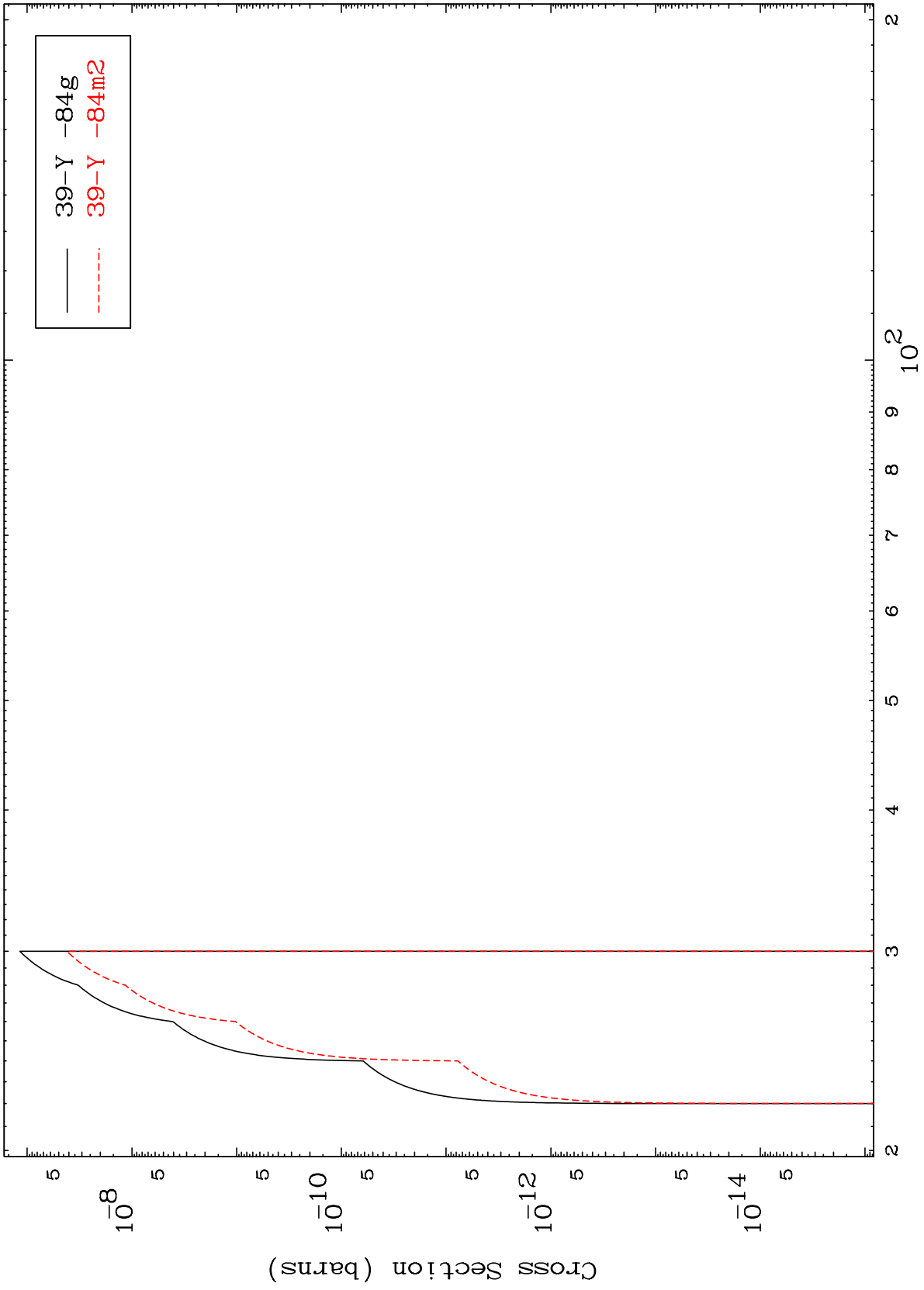
16

40-Zr-87

MAT 4016

40-Zr-87

(γ, t)
Radionuclide Production Cross Section



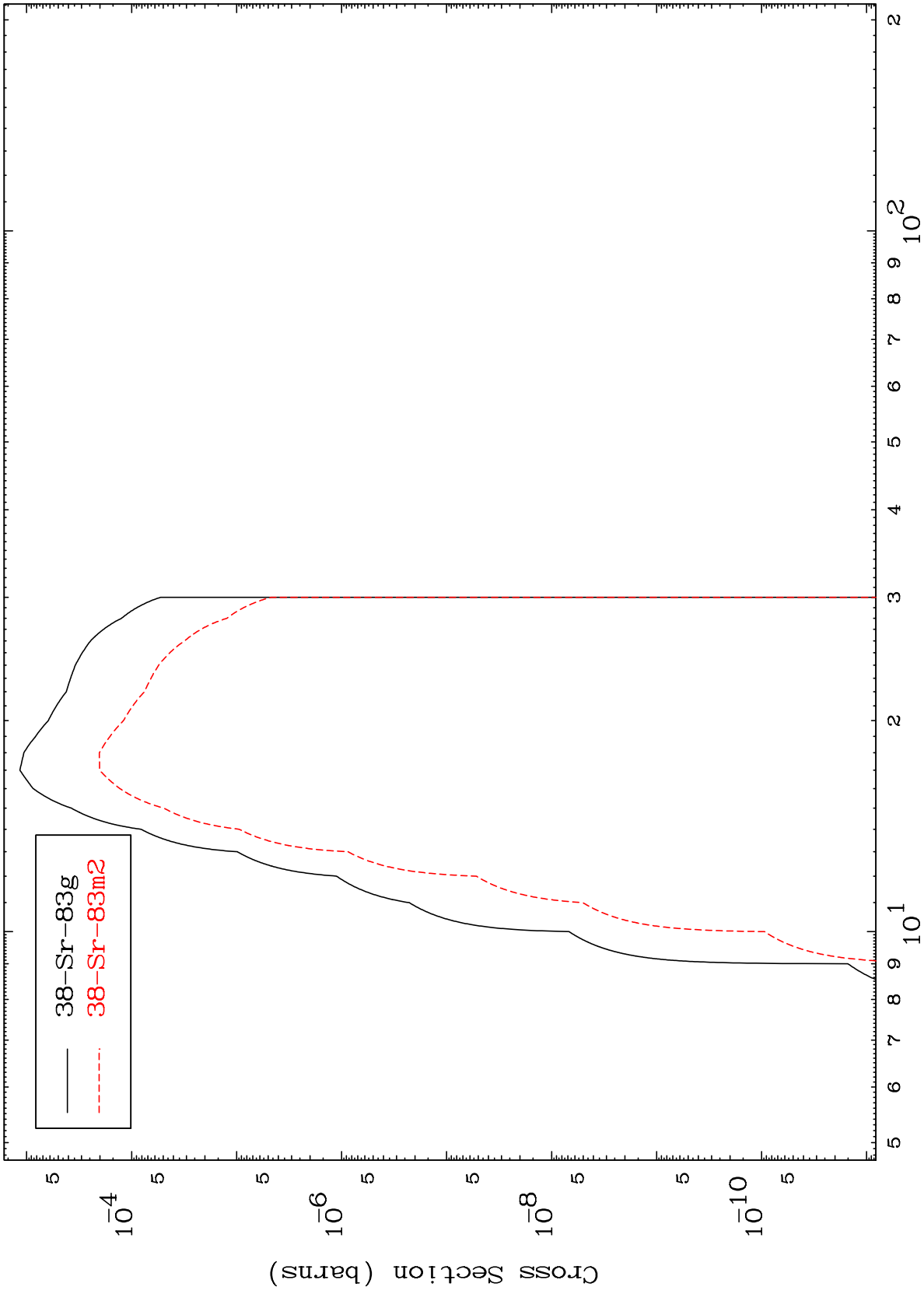
17

40-Zr-87

MAT 4016

40-Zr-87

Radionuclide Production Cross Section (γ, α)



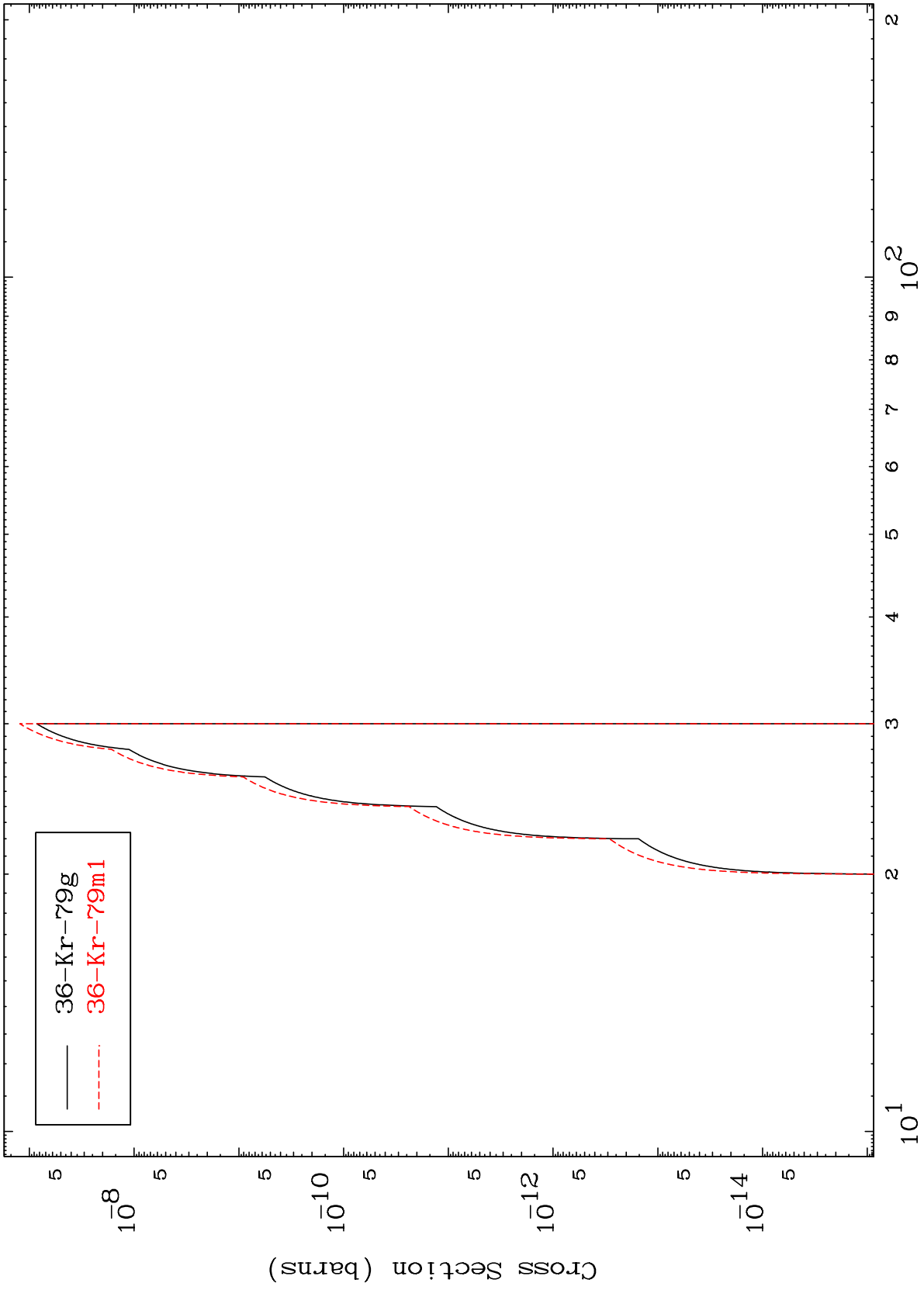
18

40-Zr-87

MAT 4016

40-Zr-87

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



19

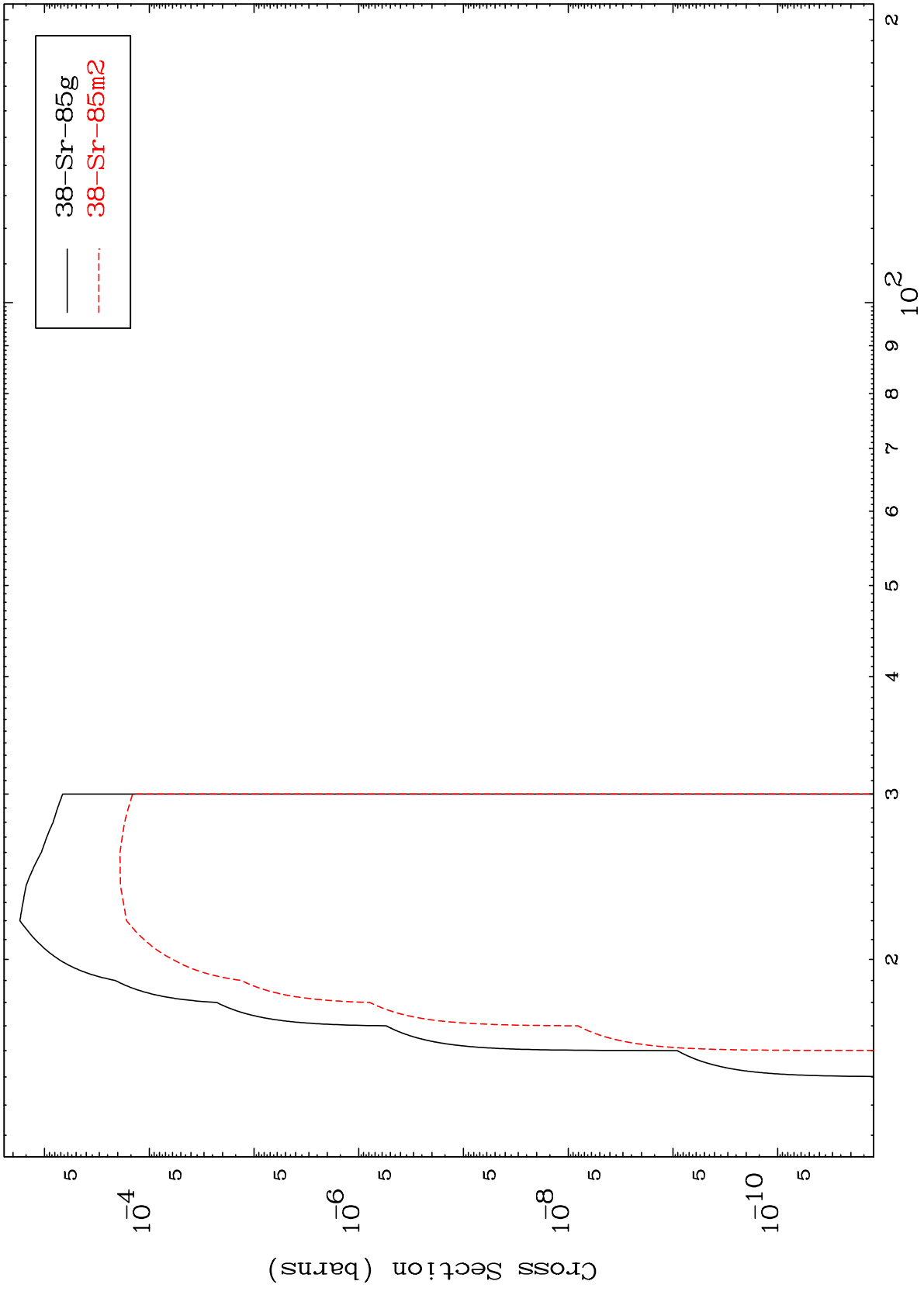
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

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



20

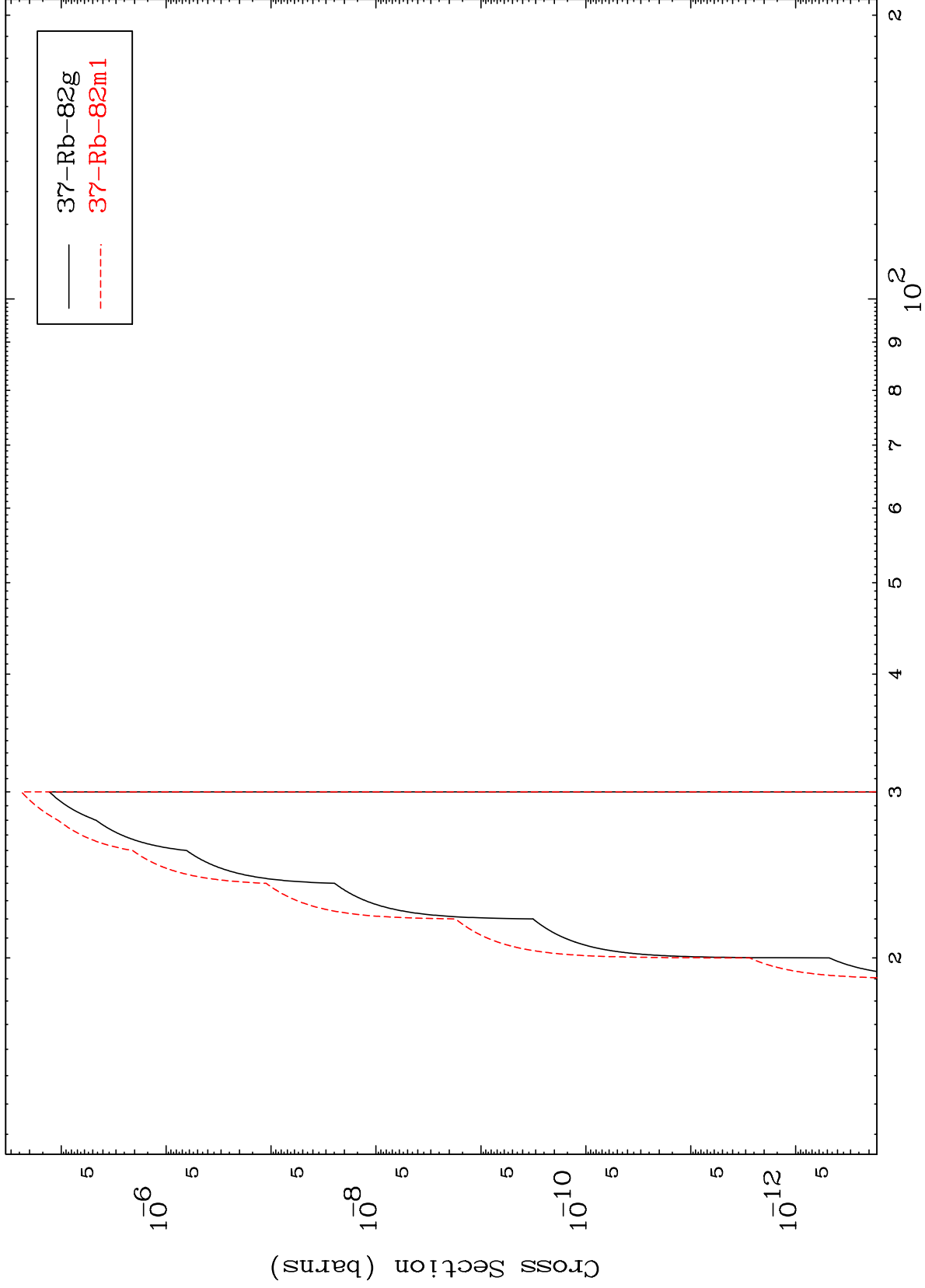
40-Zr-87

MAT 4016

(γ, p) α

40-Zr-87

Radionuclide Production Cross Section



21

Incident Energy (MeV)

40-Zr-87