

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

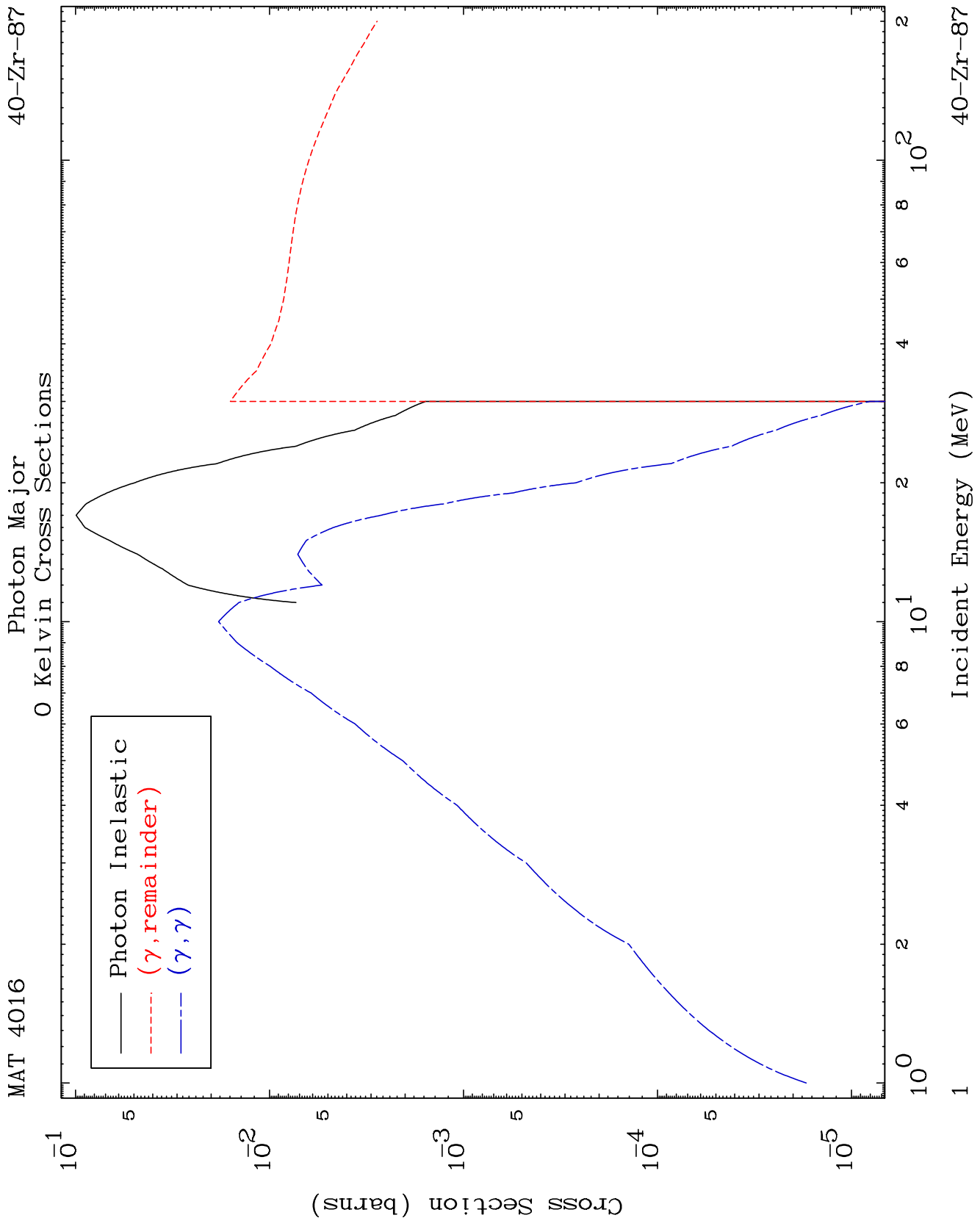
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

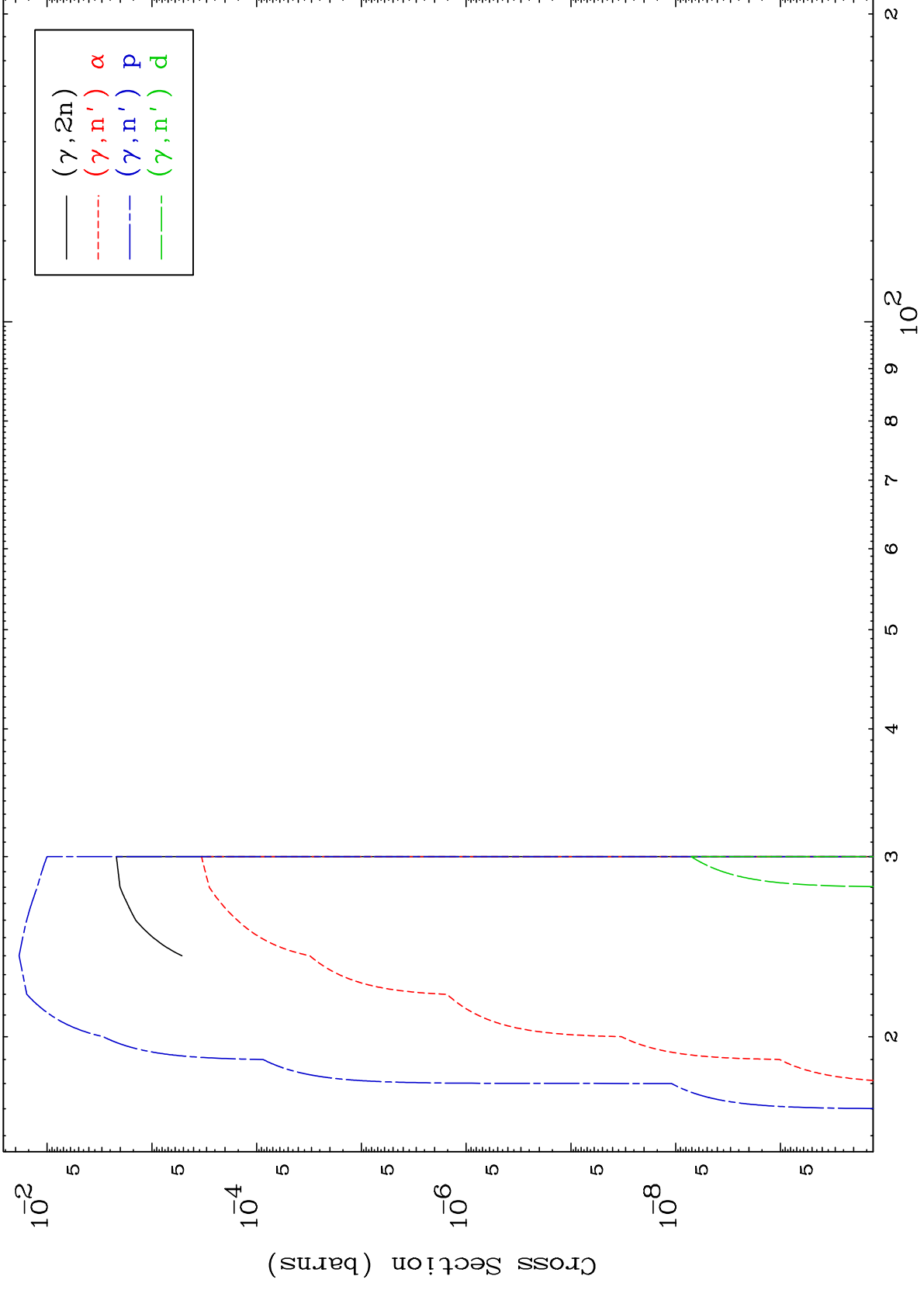
Press Mouse Button to Start



MAT 4016

Photon Neutron Production
0 Kelvin Cross Sections

40-Zr-87



2

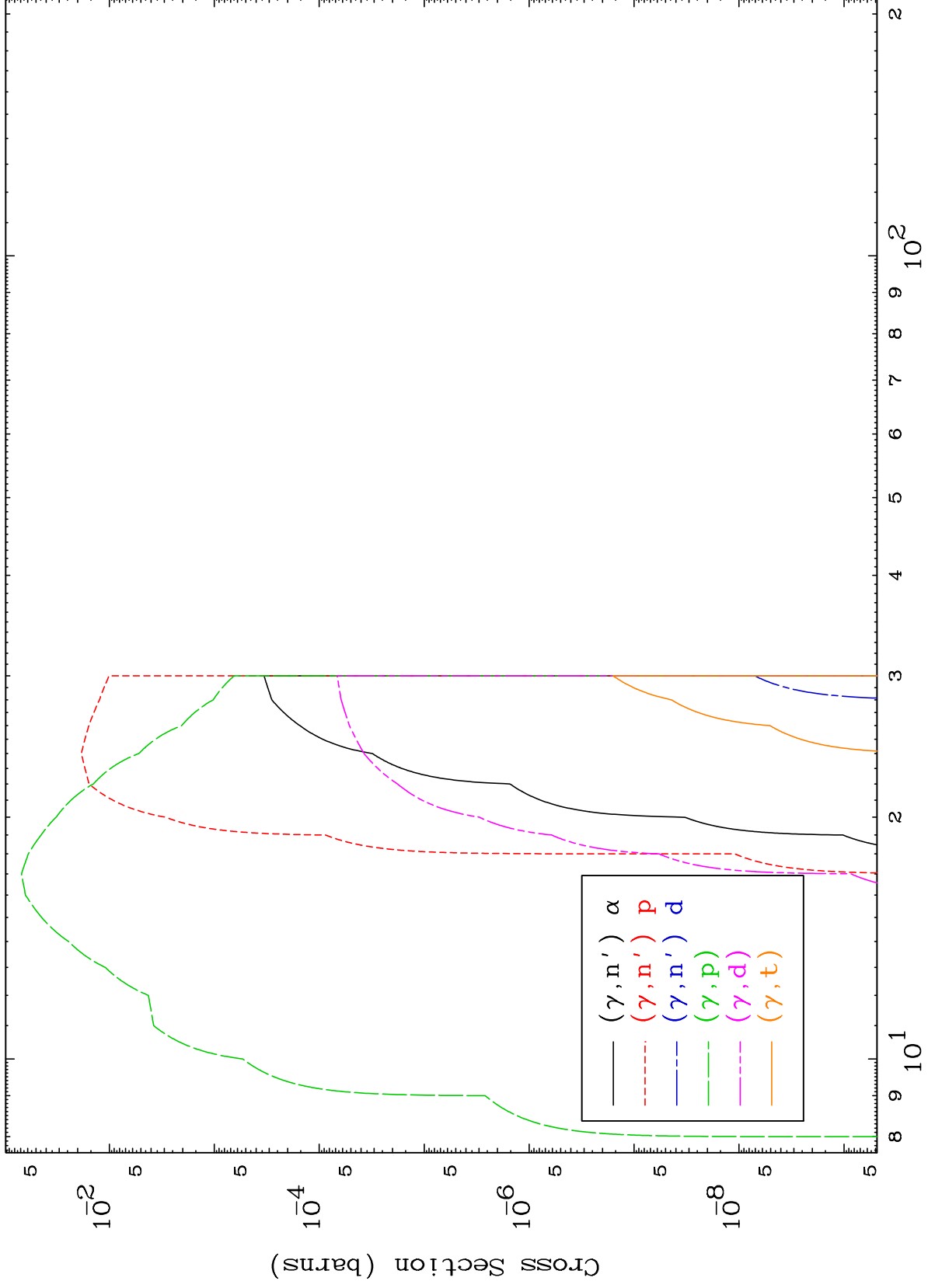
Incident Energy (MeV)

40-Zr-87

MAT 4016

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-87



Incident Energy (MeV)

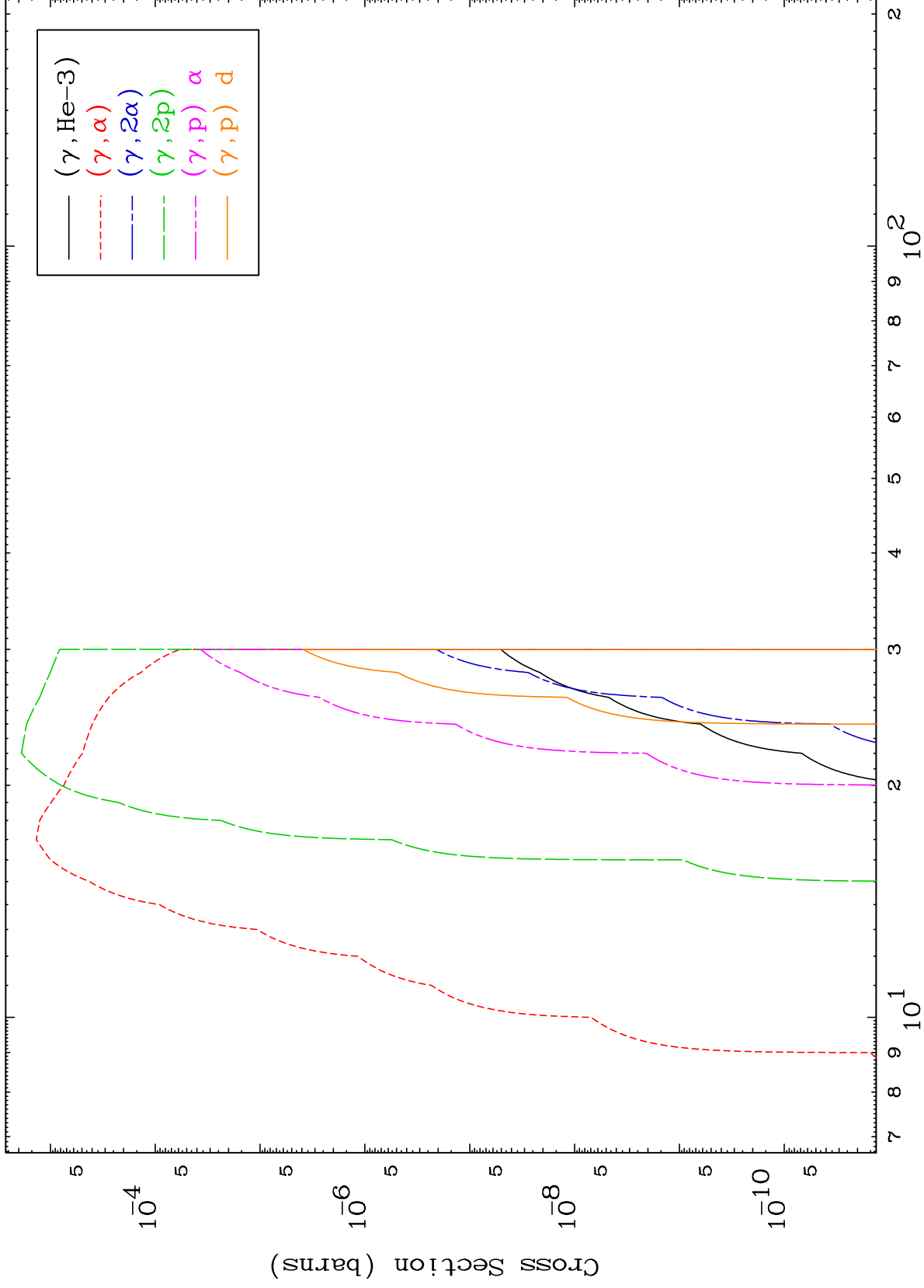
40-Zr-87

3

MAT 4016

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-87



4

Incident Energy (MeV)

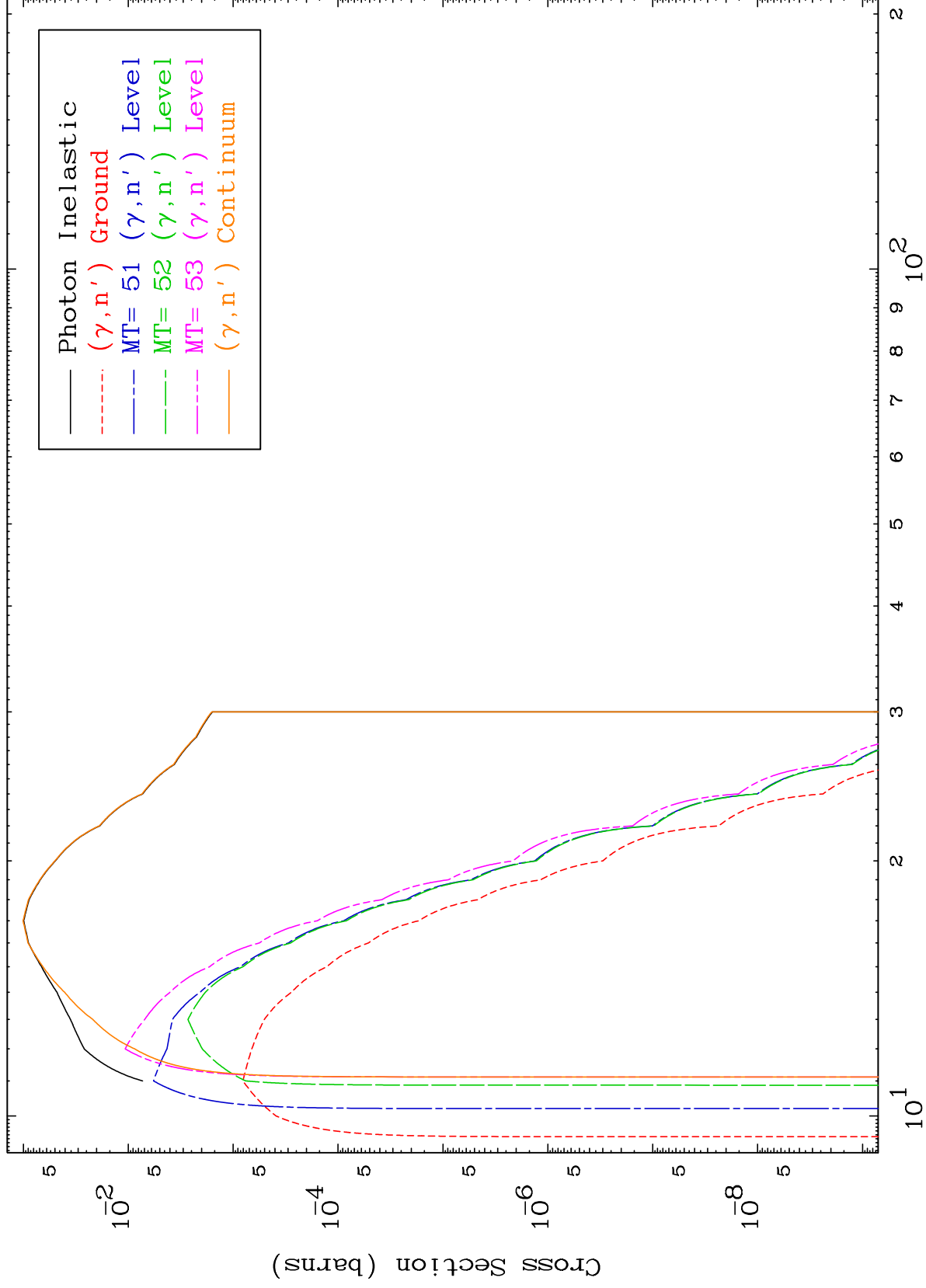
40-Zr-87

MAT 4016

(γ, n') Level

40-Zr-87

0 Kelvin Cross Sections



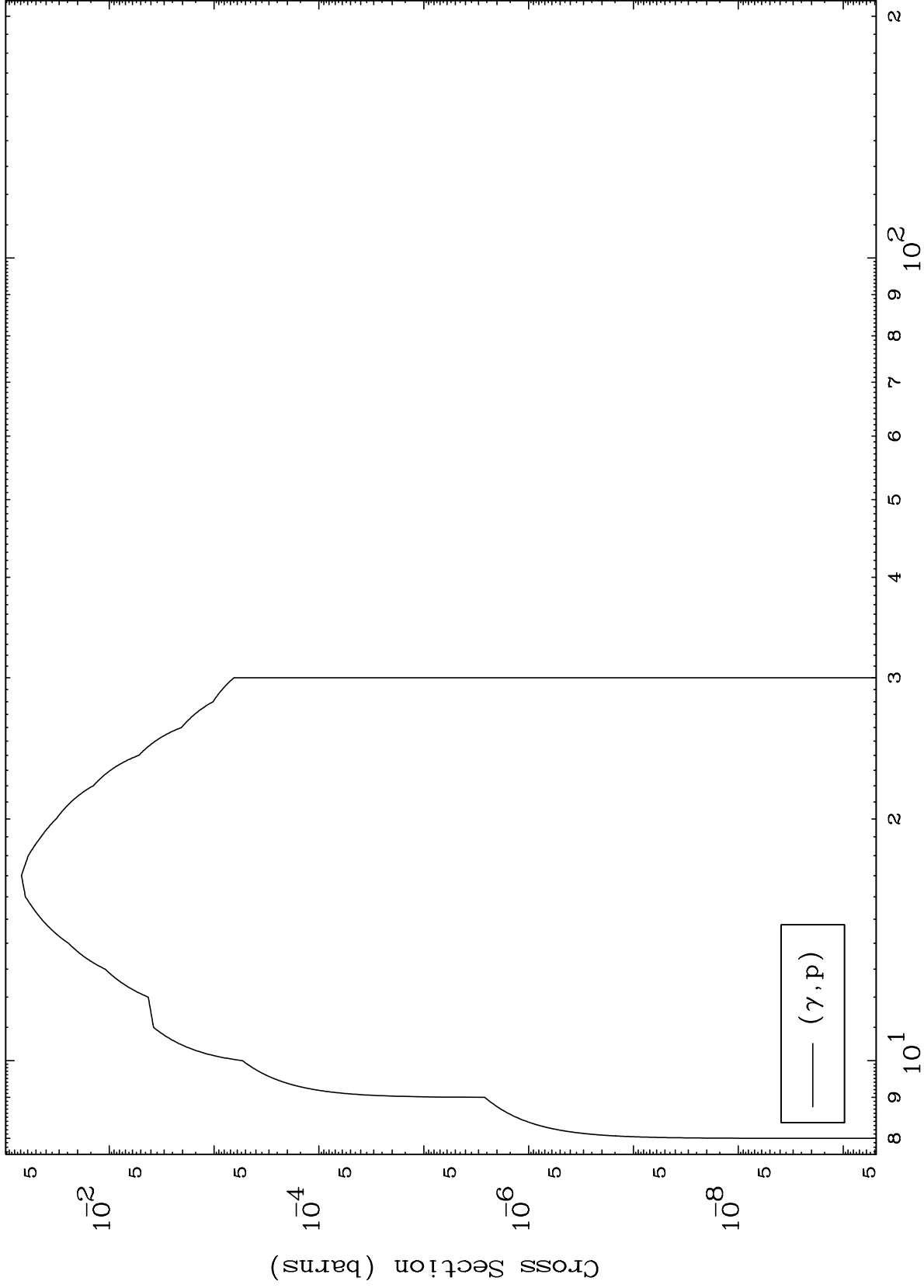
Incident Energy (MeV)

40-Zr-87

MAT 4016

(γ, p) Levels
0 Kelvin Cross Sections

40-Zr-87



Incident Energy (MeV)

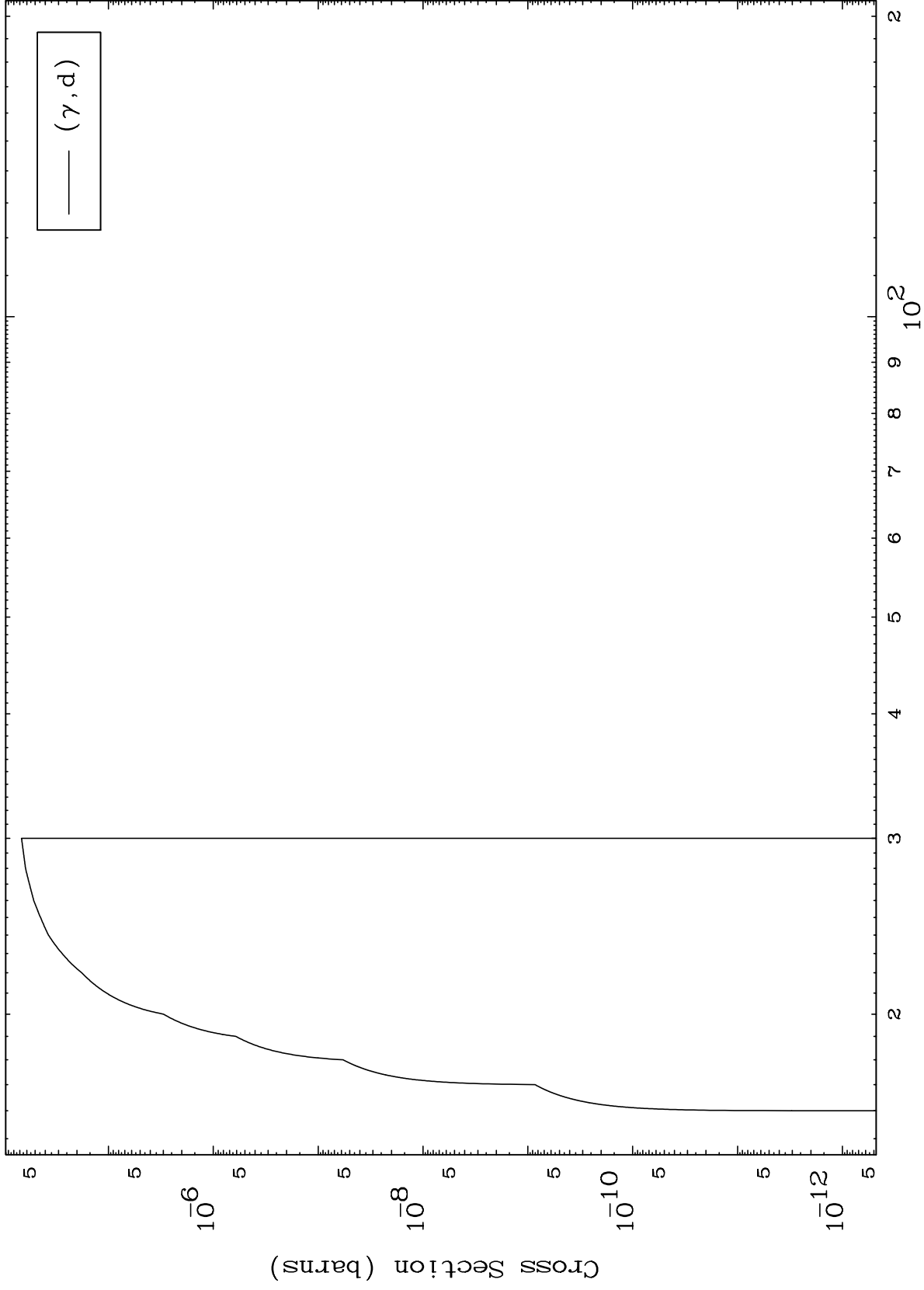
40-Zr-87

6

MAT 4016

(γ, d) Levels
0 Kelvin Cross Sections

40-Zr-87



7

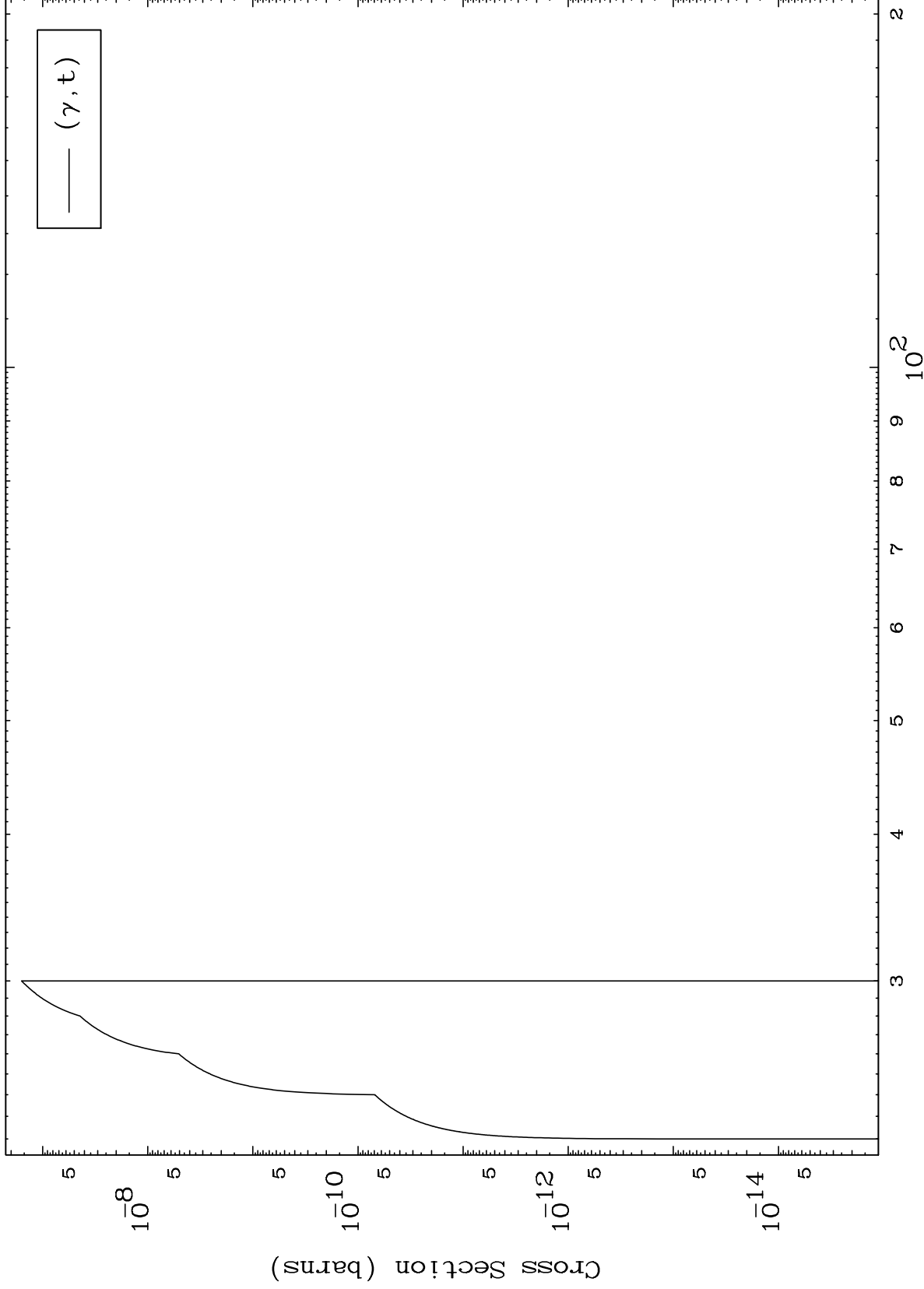
Incident Energy (MeV)

40-Zr-87

MAT 4016

(γ, t) Levels
0 Kelvin Cross Sections

40-Zr-87



8

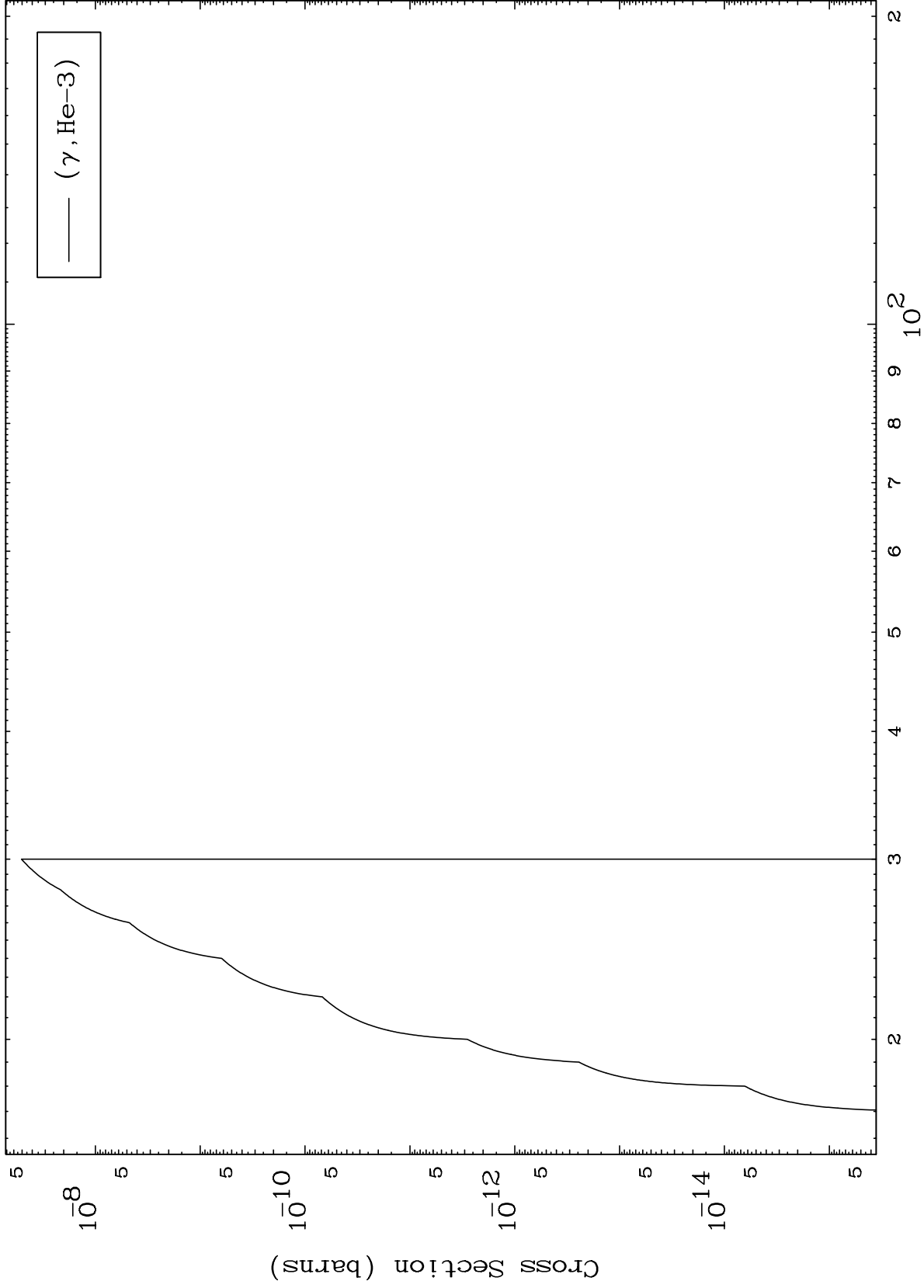
Incident Energy (MeV)

40-Zr-87

MAT 4016

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

40-Zr-87



9

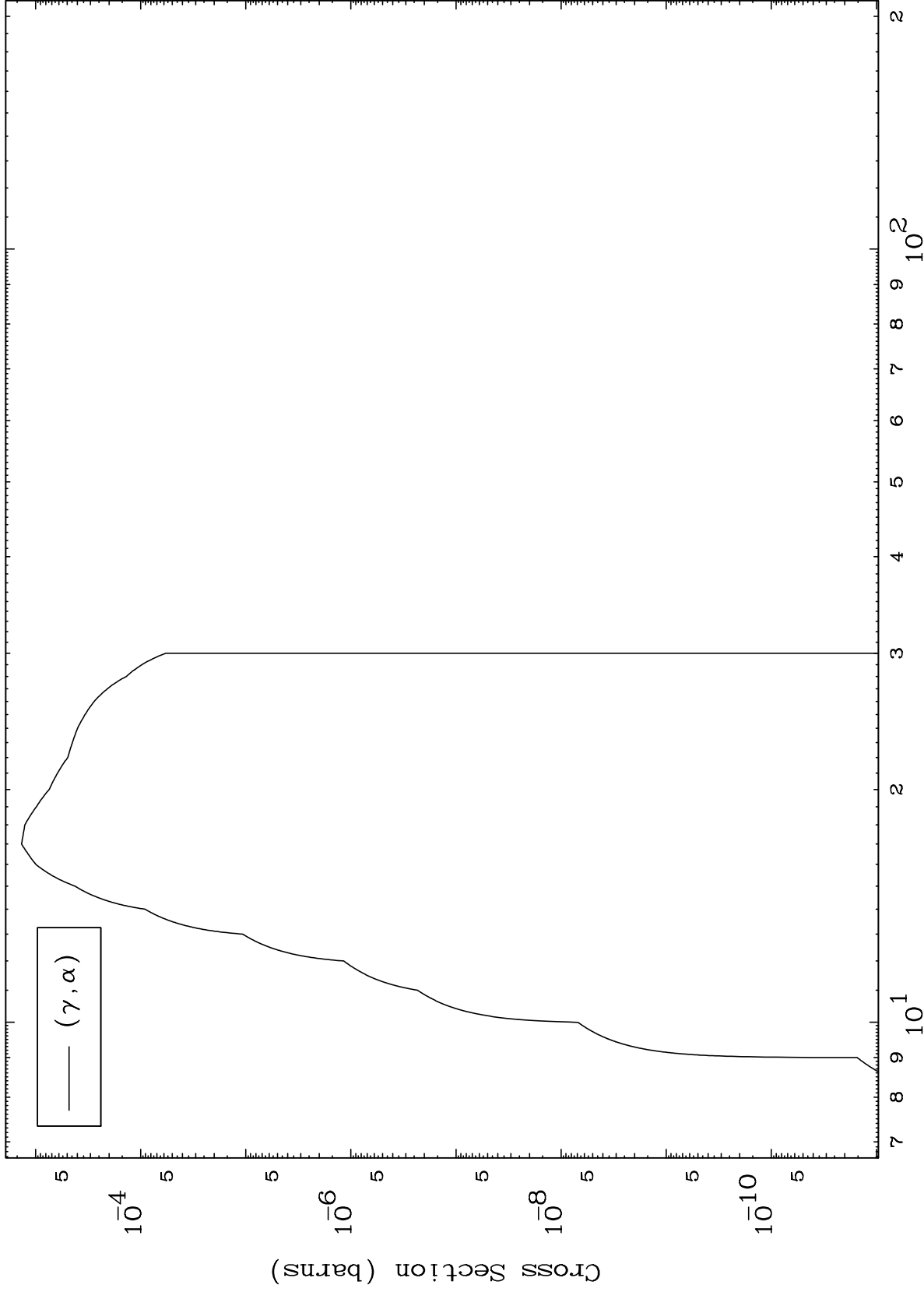
Incident Energy (MeV)

40-Zr-87

MAT 4016

(γ, α) Levels
0 Kelvin Cross Sections

40-Zr-87



10

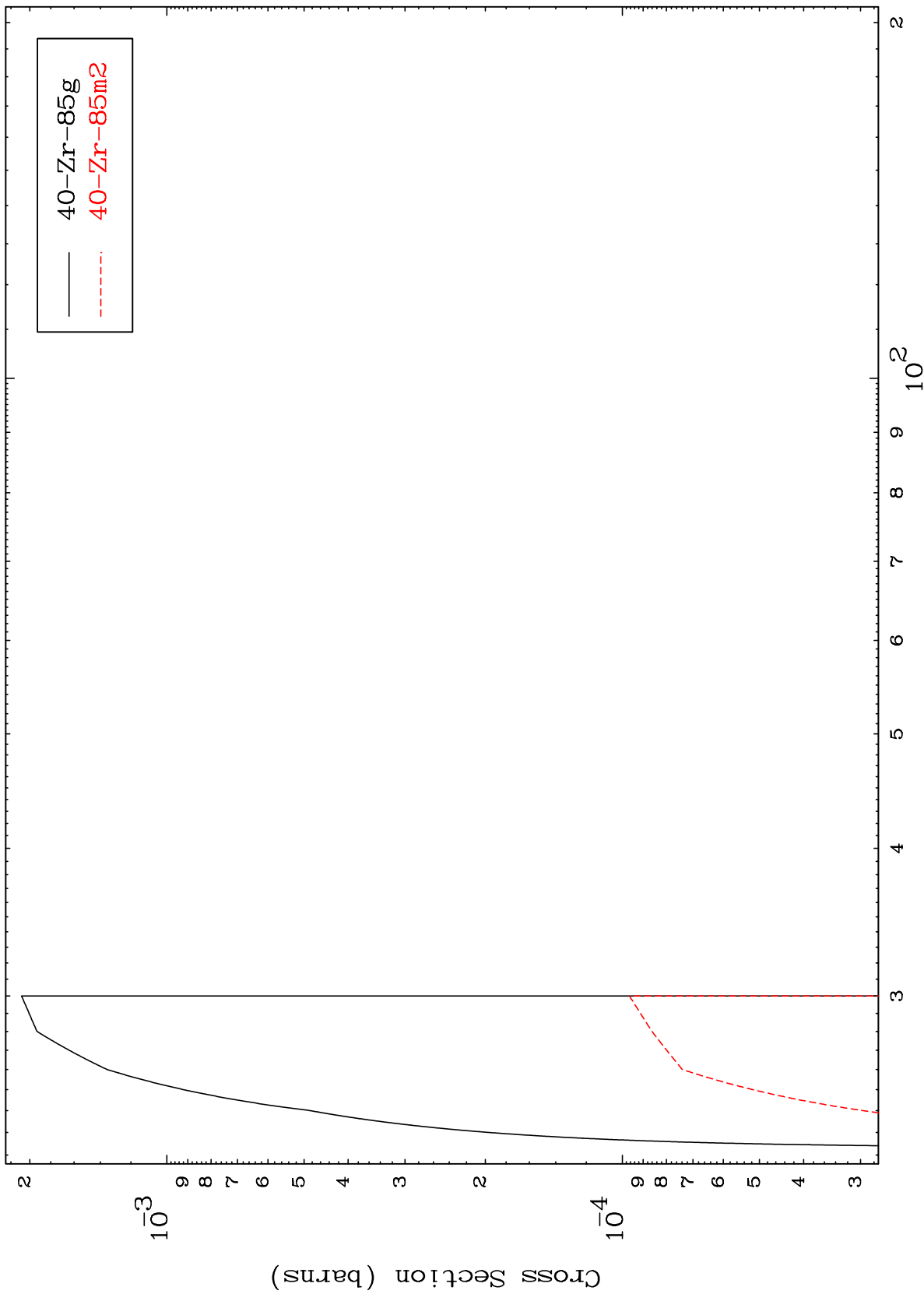
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

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

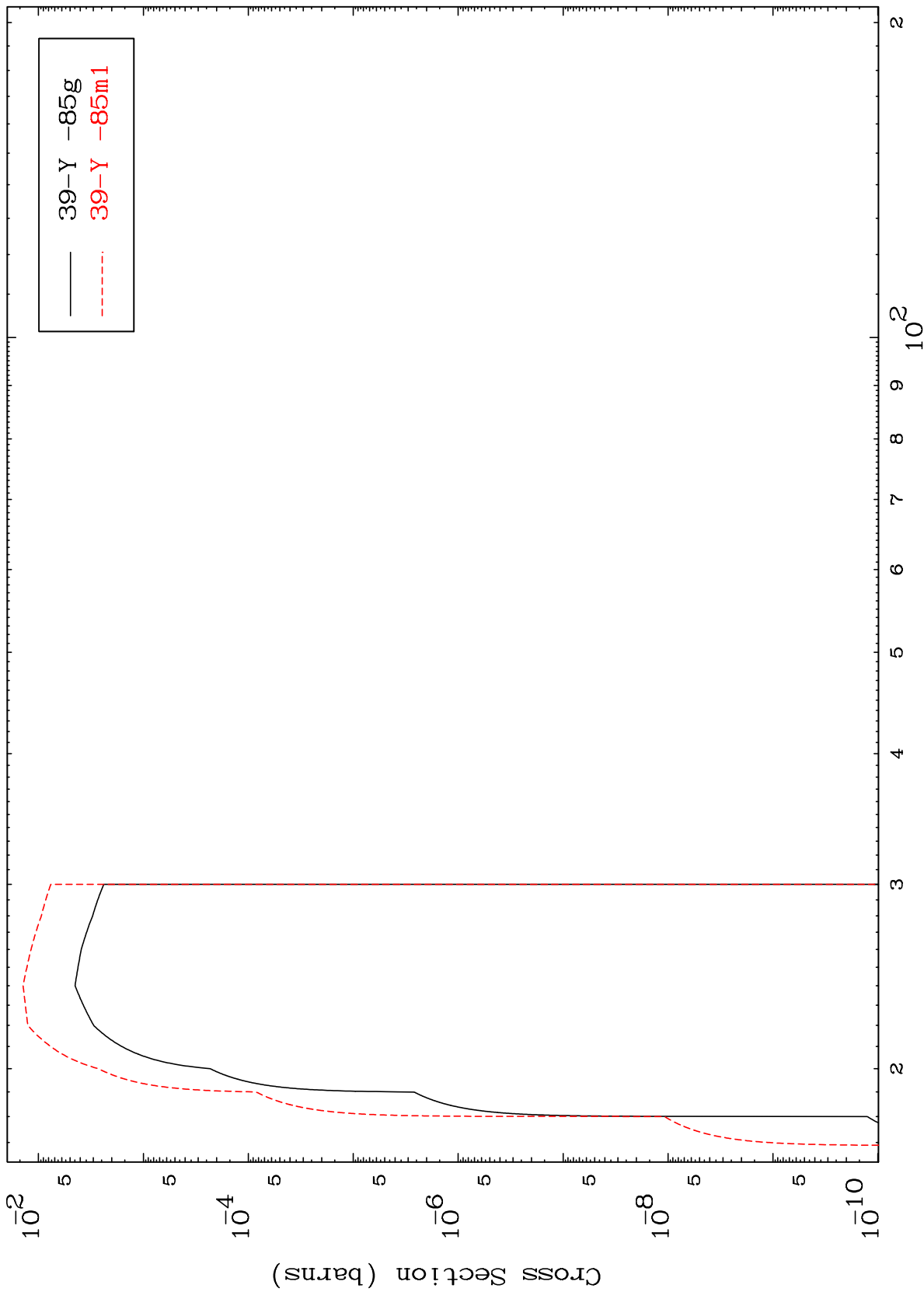


MAT 4016

(γ, n') p

40-Zr-87

Radionuclide Production Cross Section



12

Incident Energy (MeV)

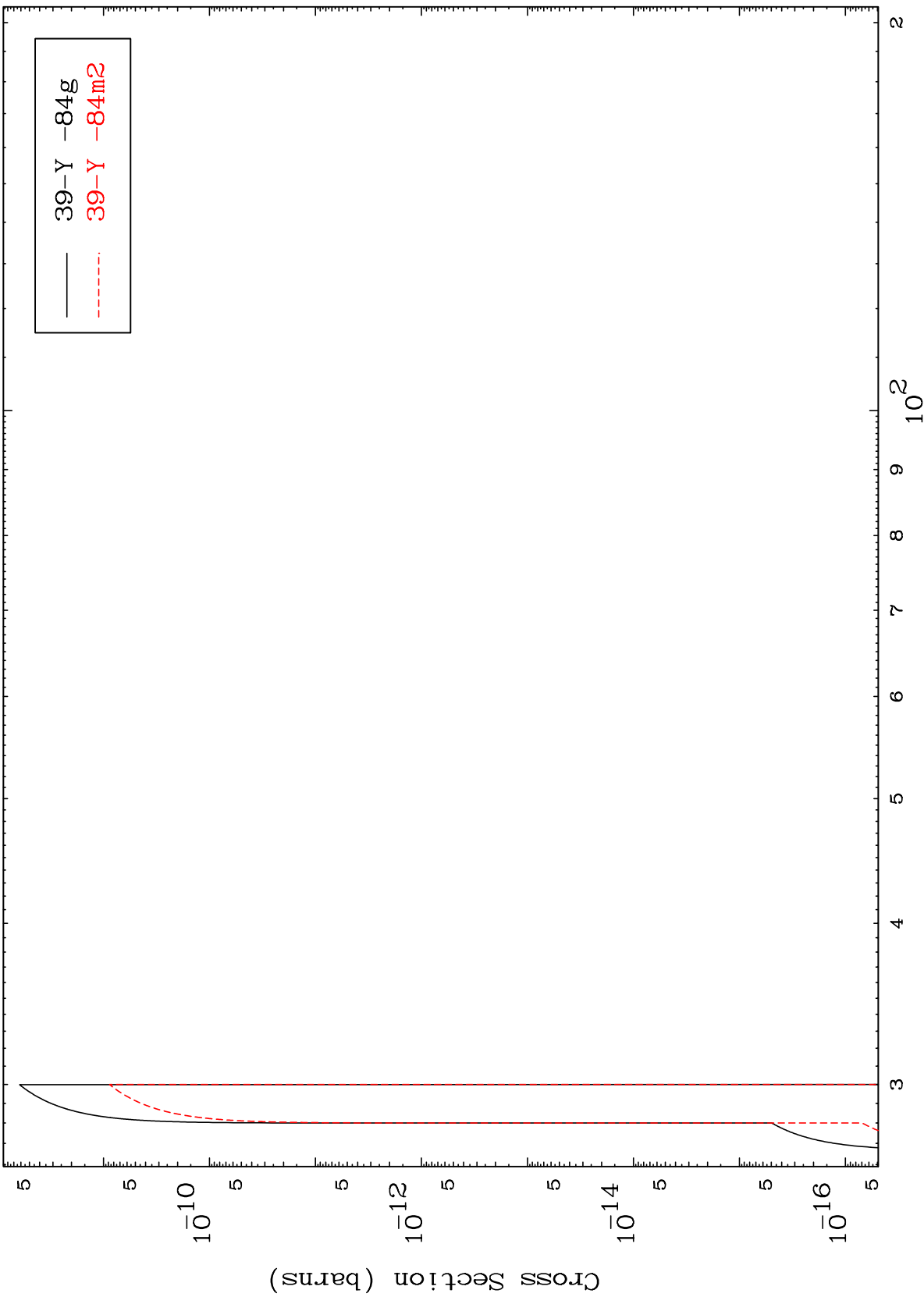
40-Zr-87

MAT 4016

(γ, n') d

40-Zr-87

Radionuclide Production Cross Section



13

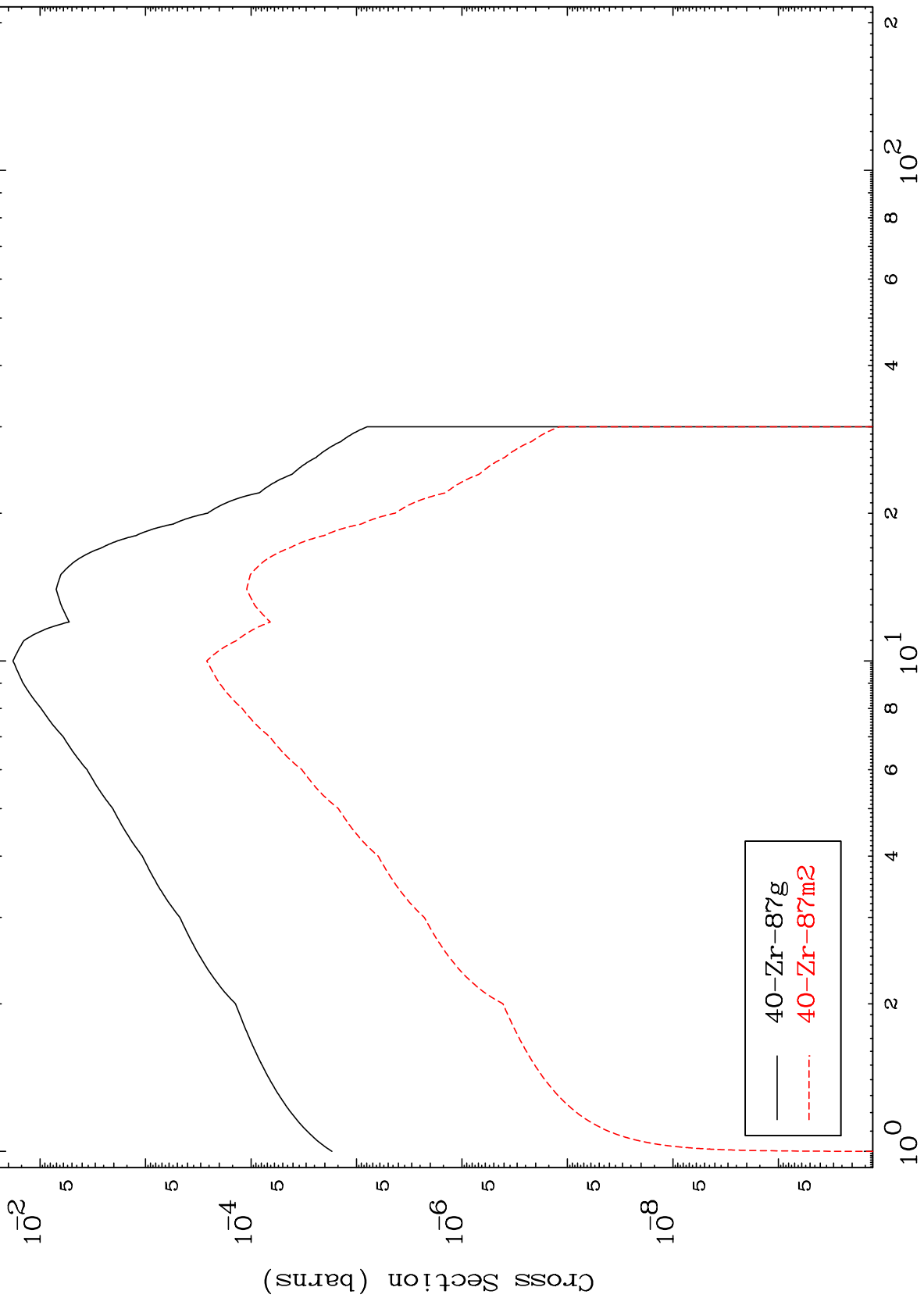
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

Radionuclide Production Cross Section
(γ, γ)



40-Zr-87

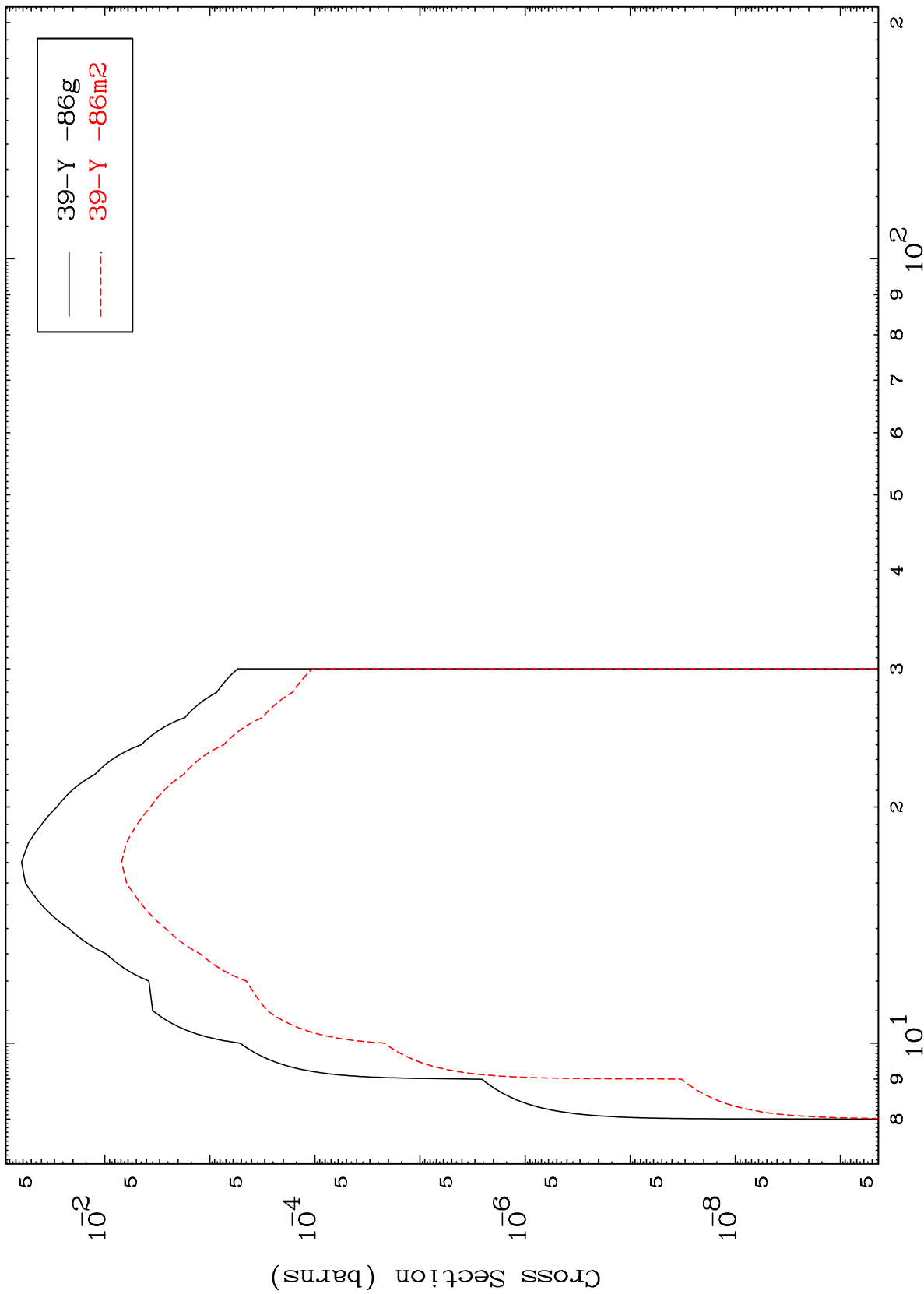
Incident Energy (MeV)

14

MAT 4016

40-Zr-87

(γ, p)
Radionuclide Production Cross Section



15

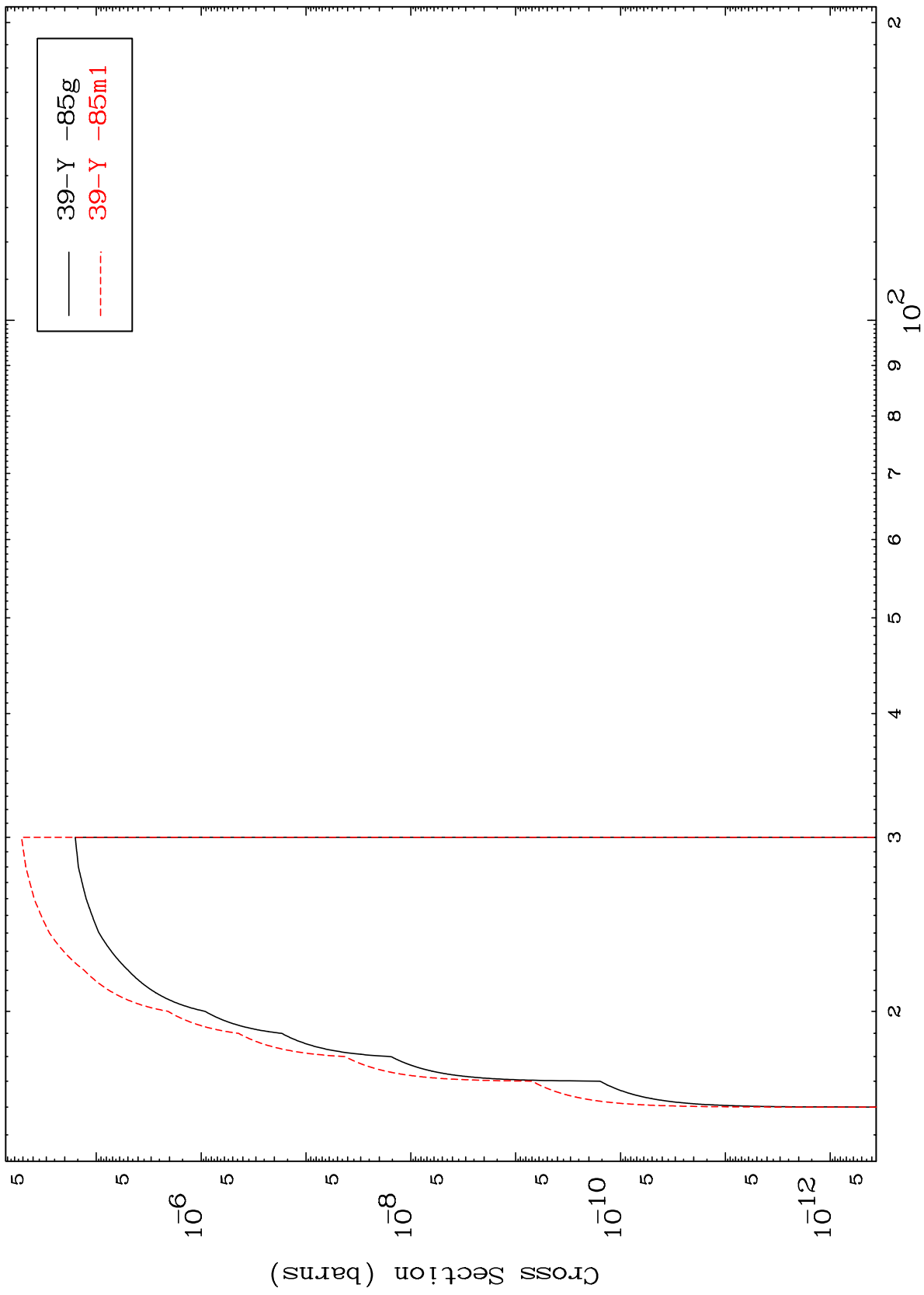
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

(γ, d)
Radionuclide Production Cross Section



16

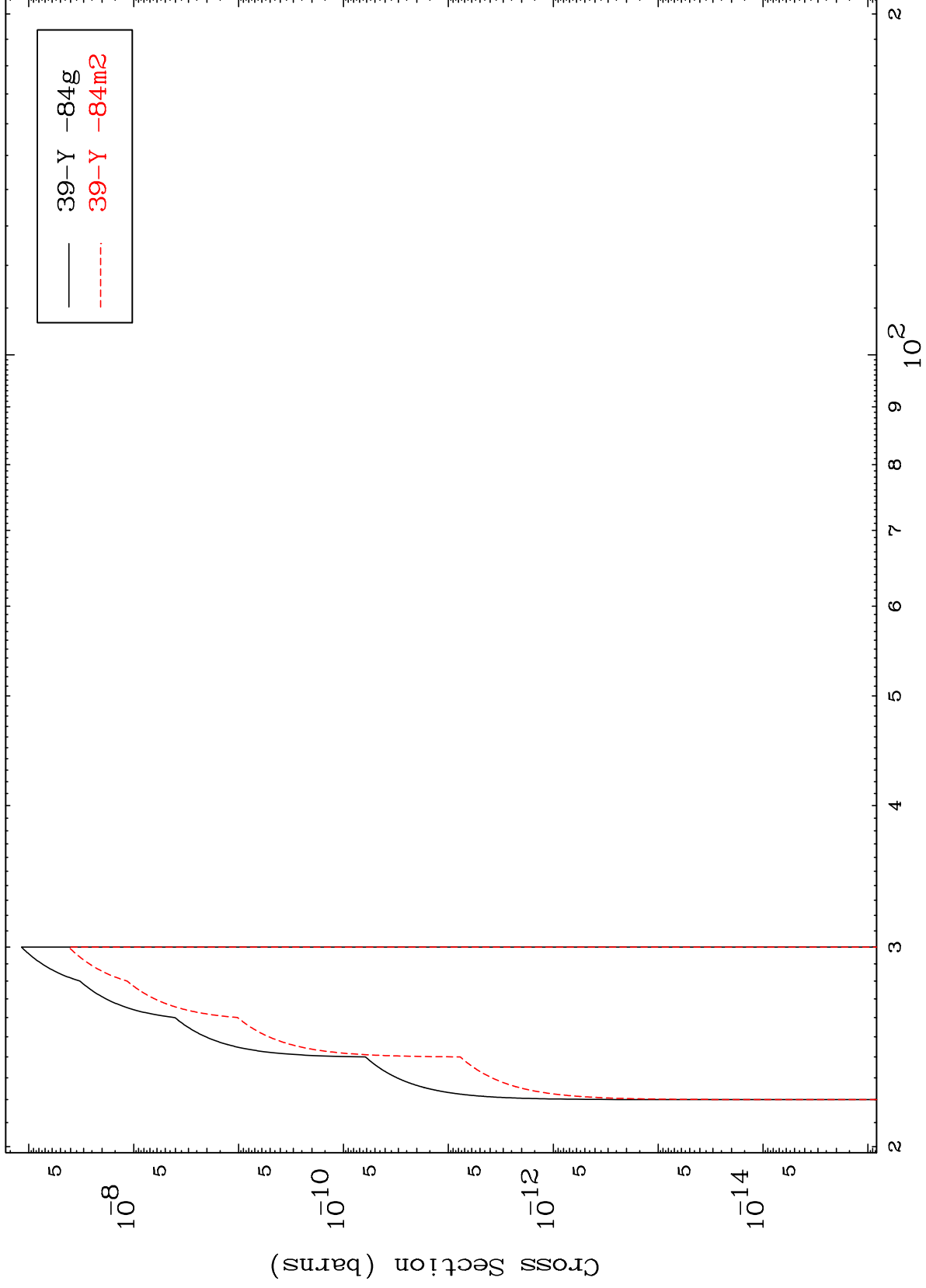
40-Zr-87

Incident Energy (MeV)

MAT 4016

40-Zr-87

(γ, t)
Radionuclide Production Cross Section



17

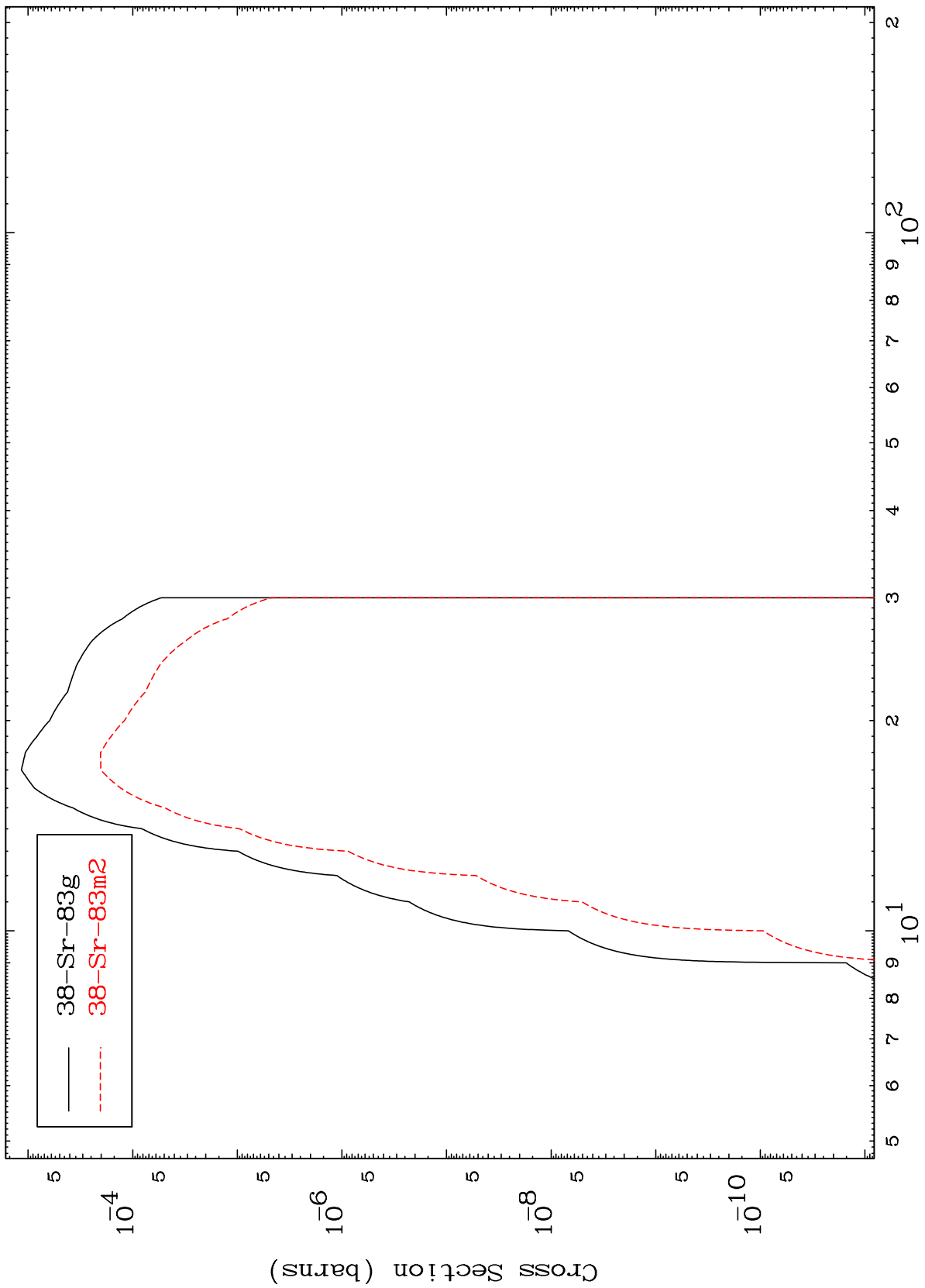
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

Radionuclide Production Cross Section
(γ, α)



18

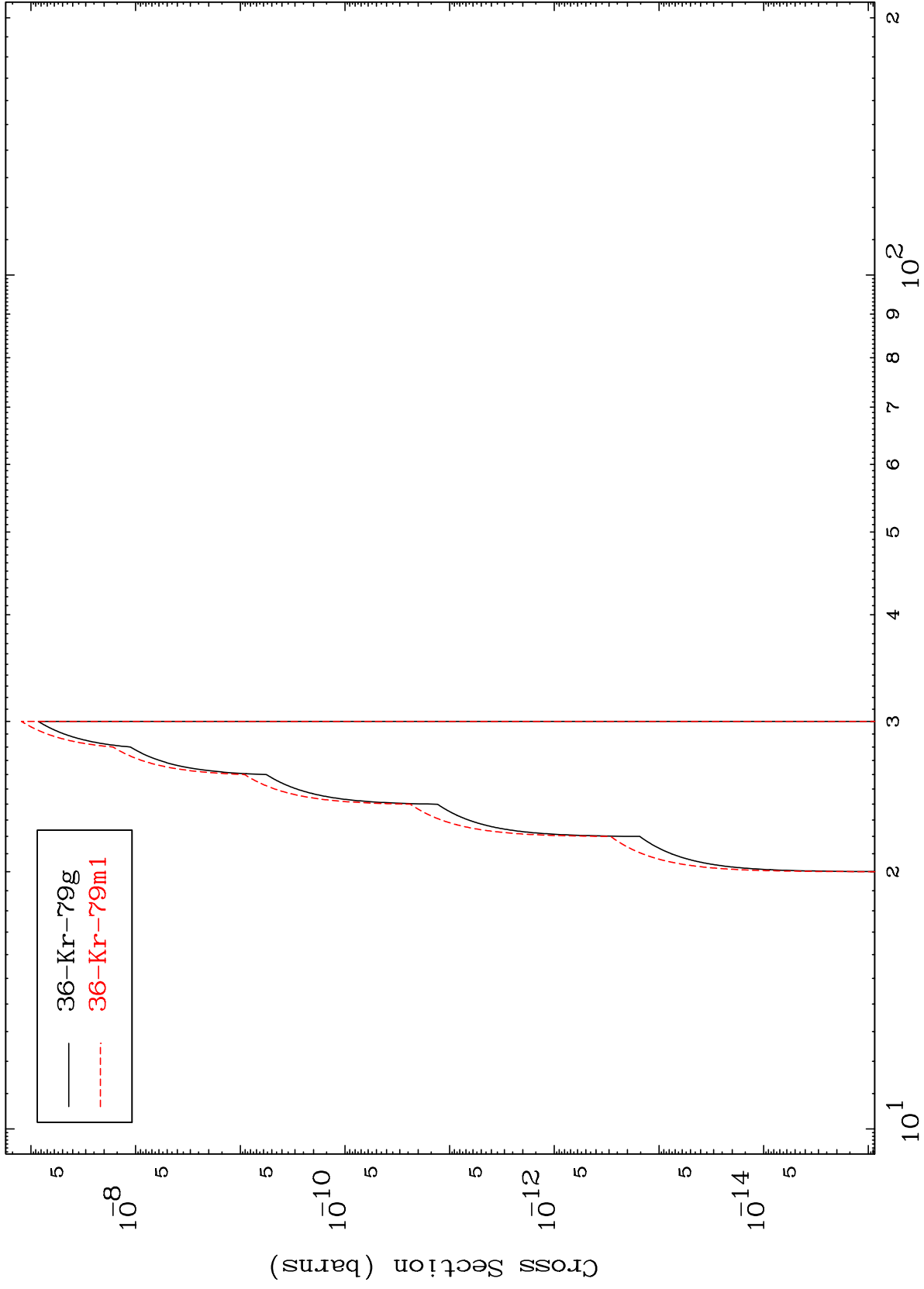
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

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



Incident Energy (MeV)

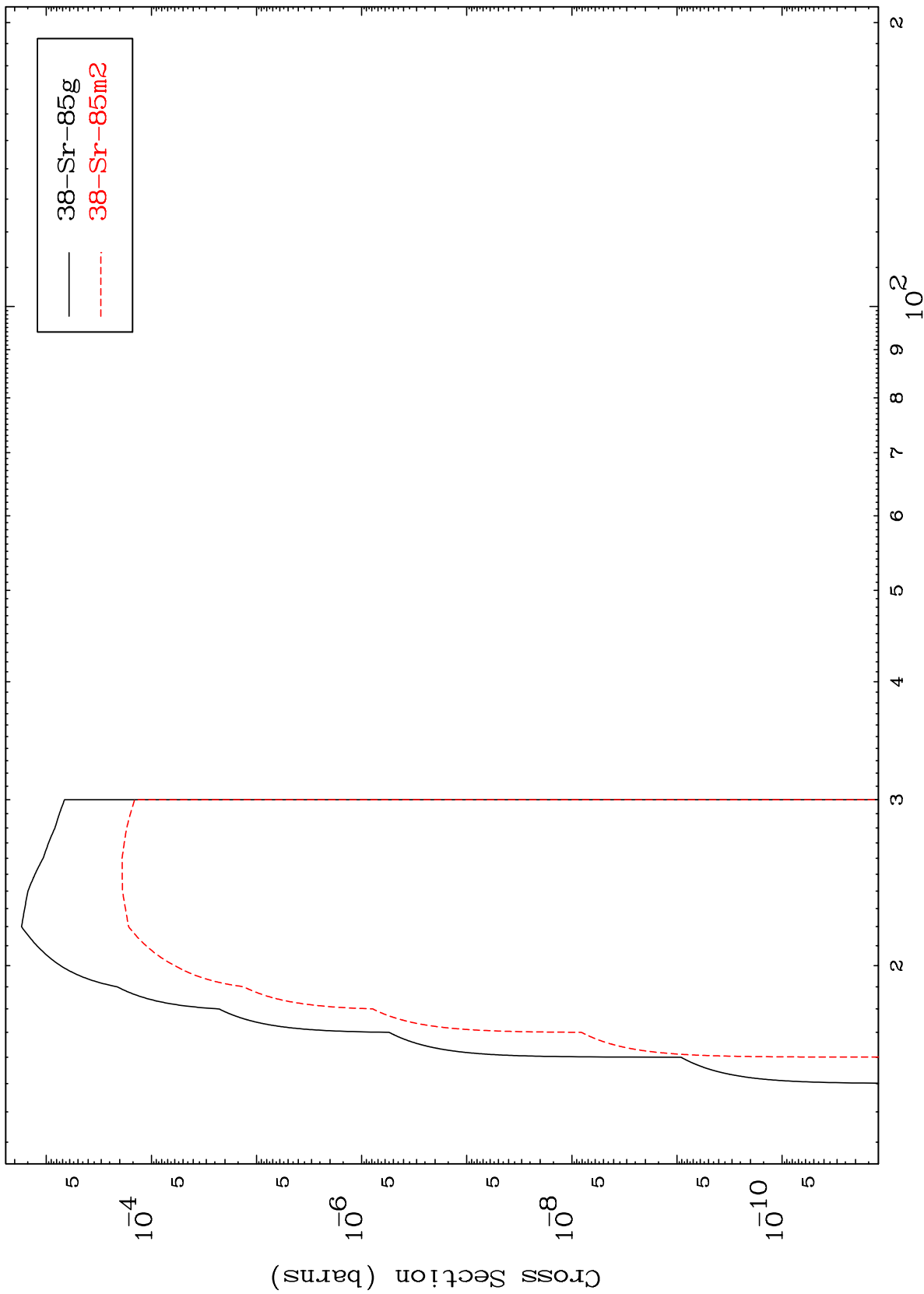
40-Zr-87

19

MAT 4016

40-Zr-87

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



20

Incident Energy (MeV)

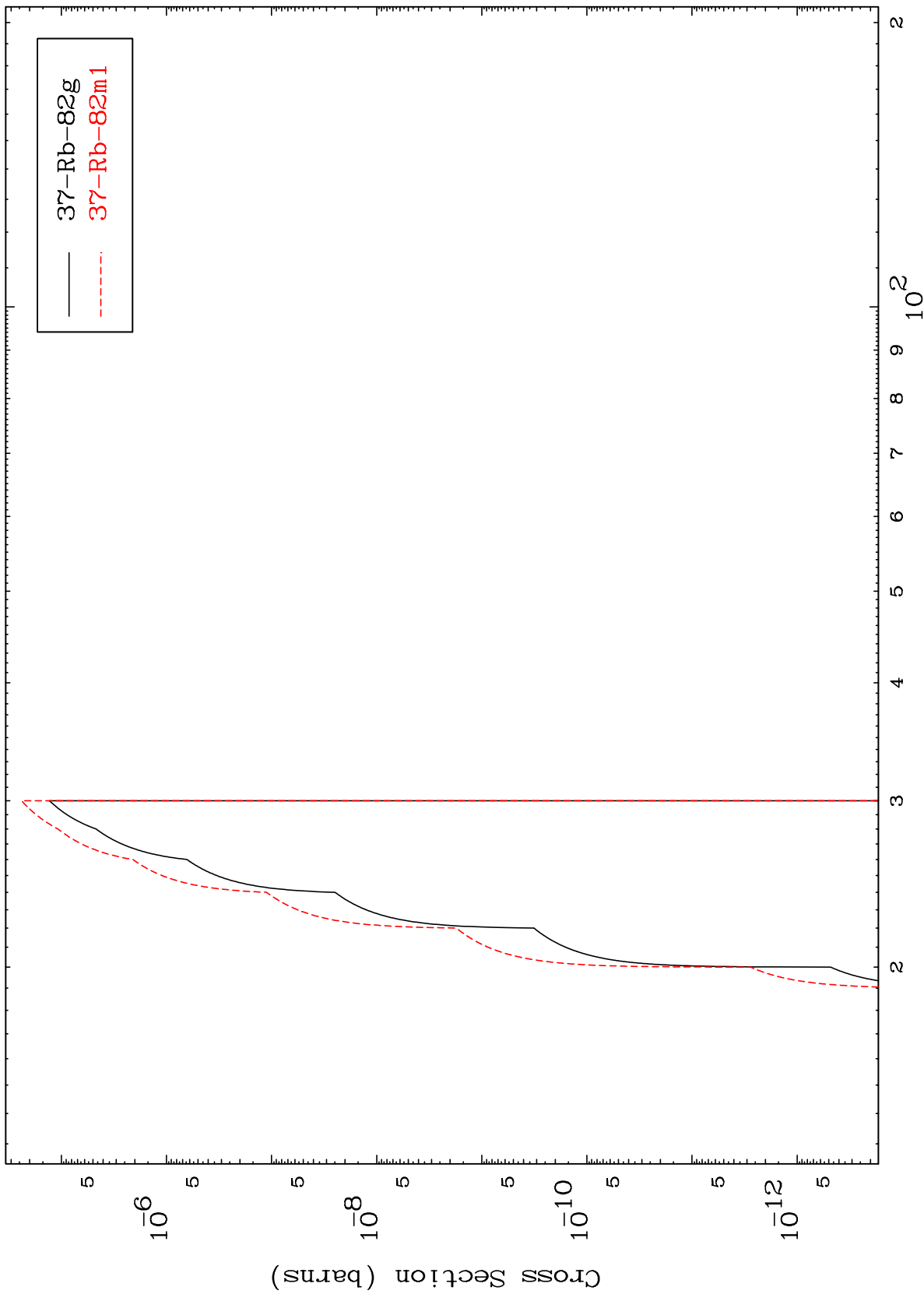
40-Zr-87

MAT 4016

$(\gamma, p) \alpha$

40-Zr-87

Radionuclide Production Cross Section



21

Incident Energy (MeV)

40-Zr-87