

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

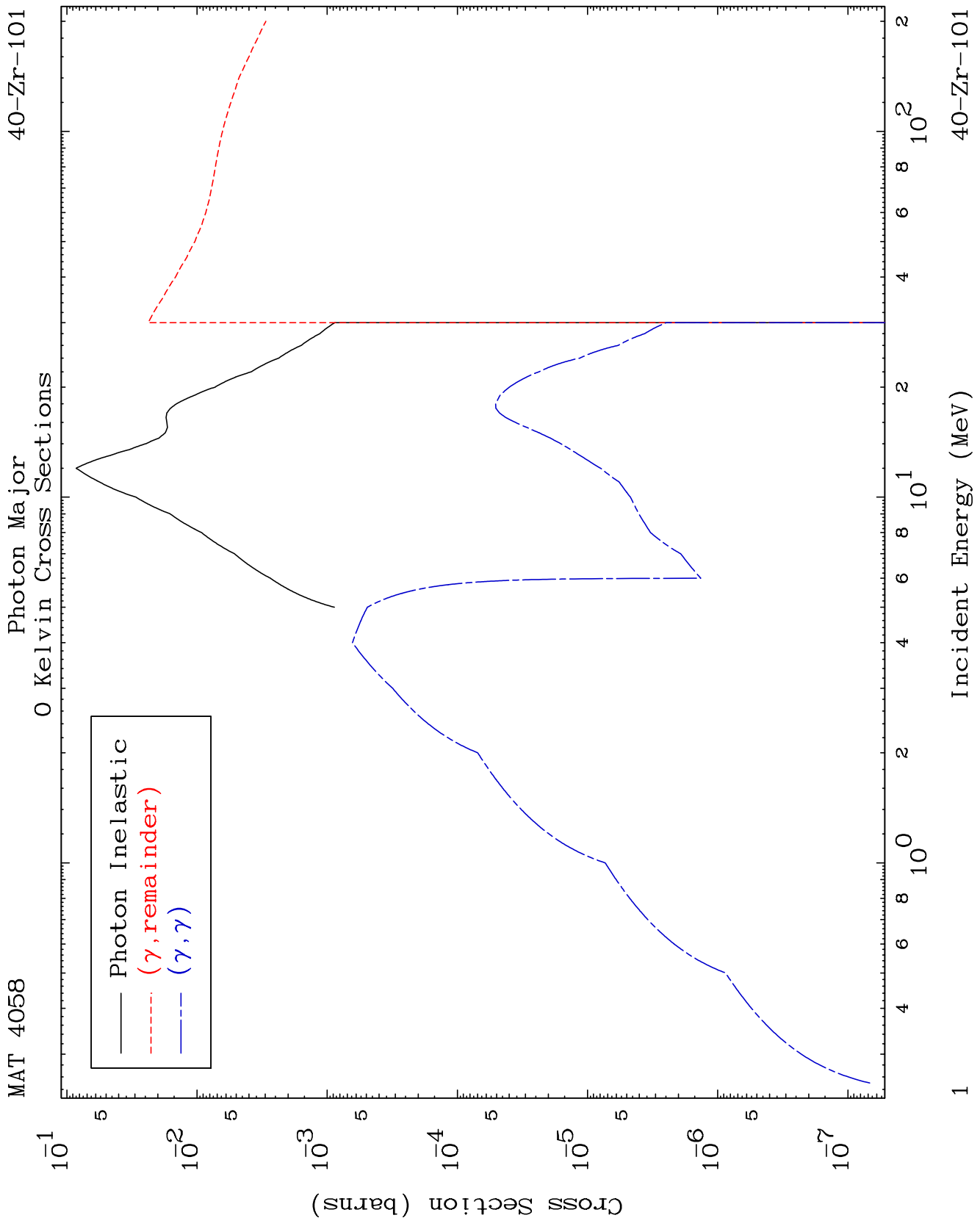
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

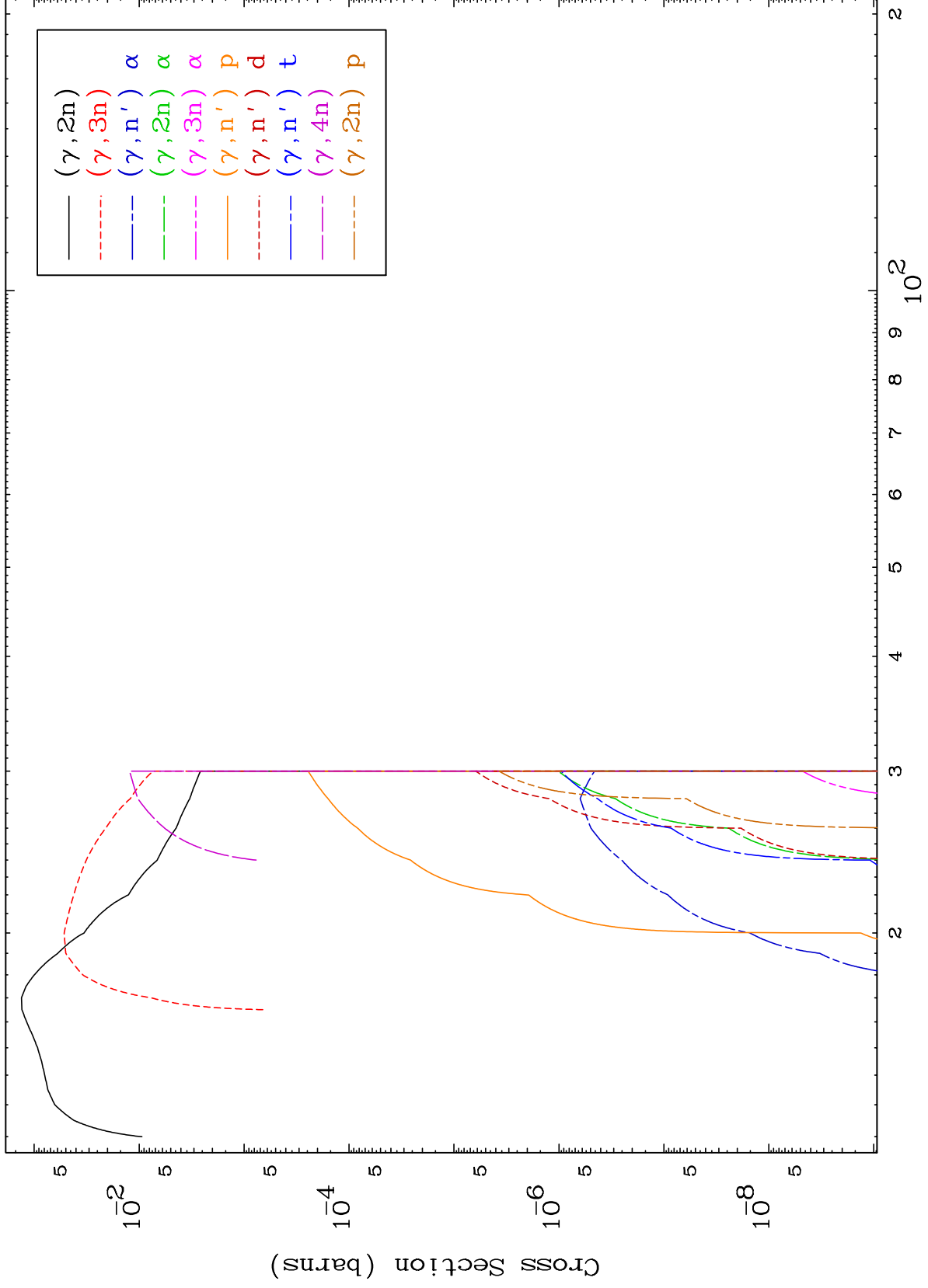
Press Mouse Button to Start



MAT 4058

Photon Neutron Production
0 Kelvin Cross Sections

40-Zr-101



2

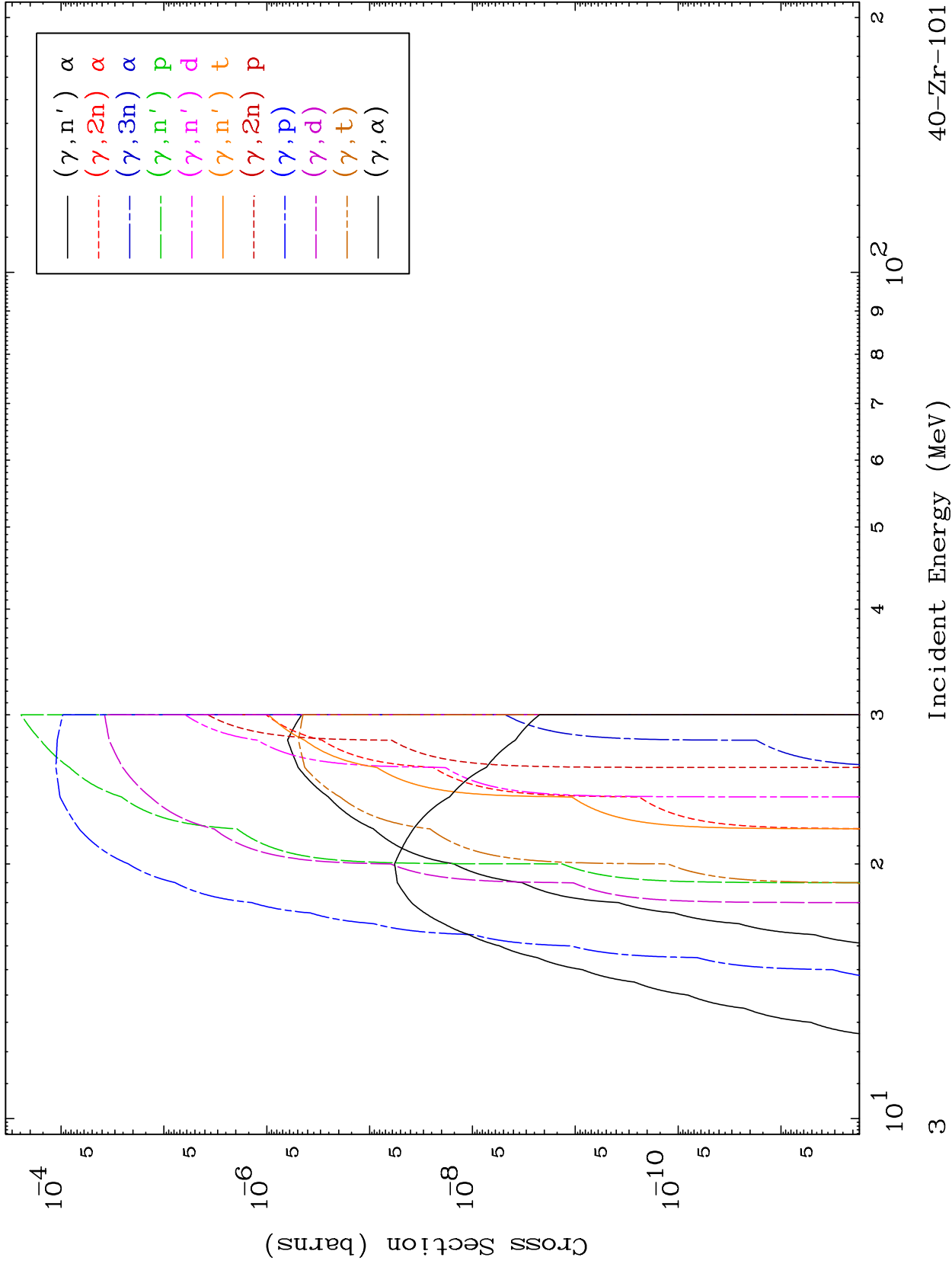
Incident Energy (MeV)

40-Zr-101

MAT 4058

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-101



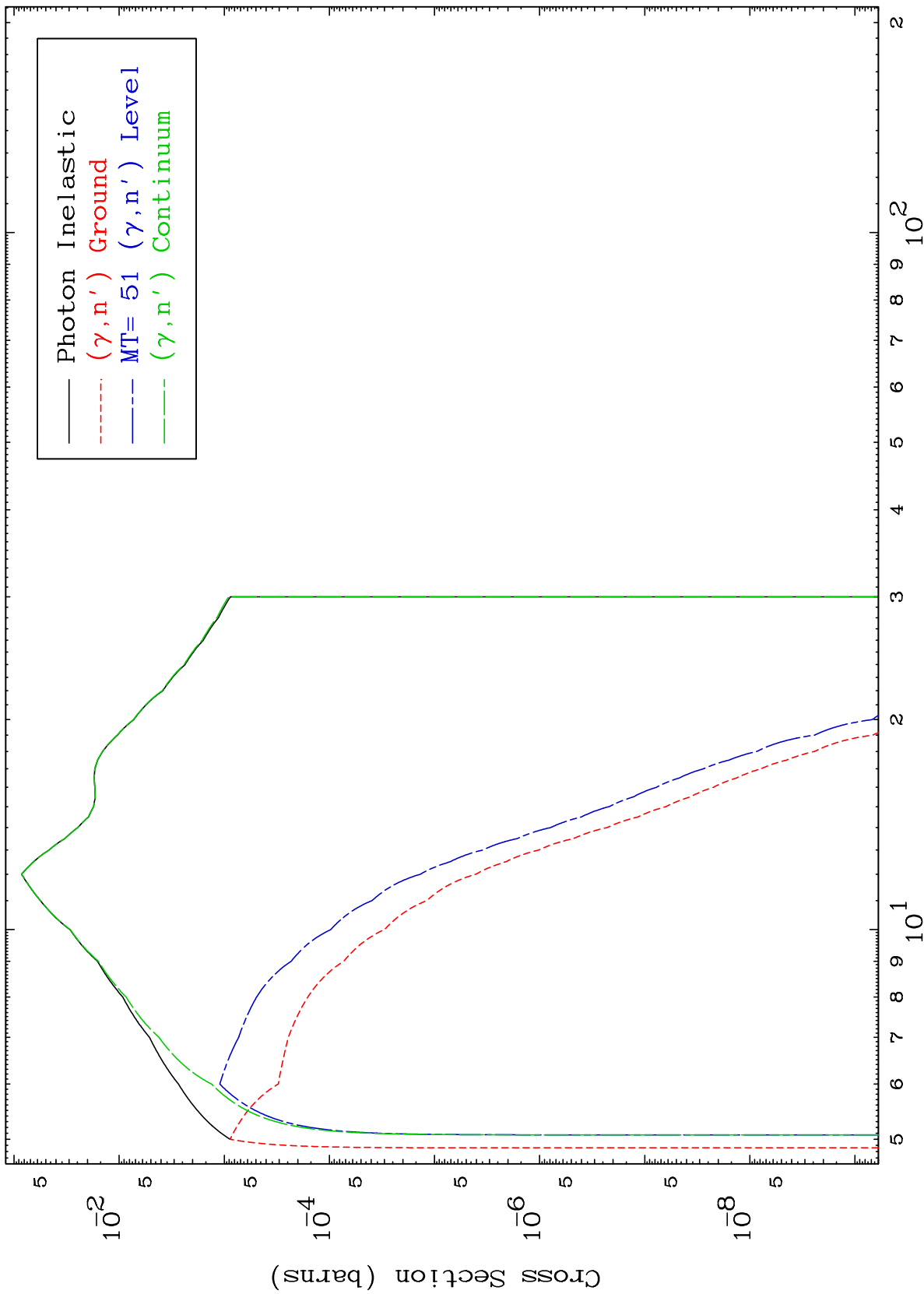
40-Zr-101

MAT 4058

(γ, n') Level

40-Zr-101

0 Kelvin Cross Sections



4

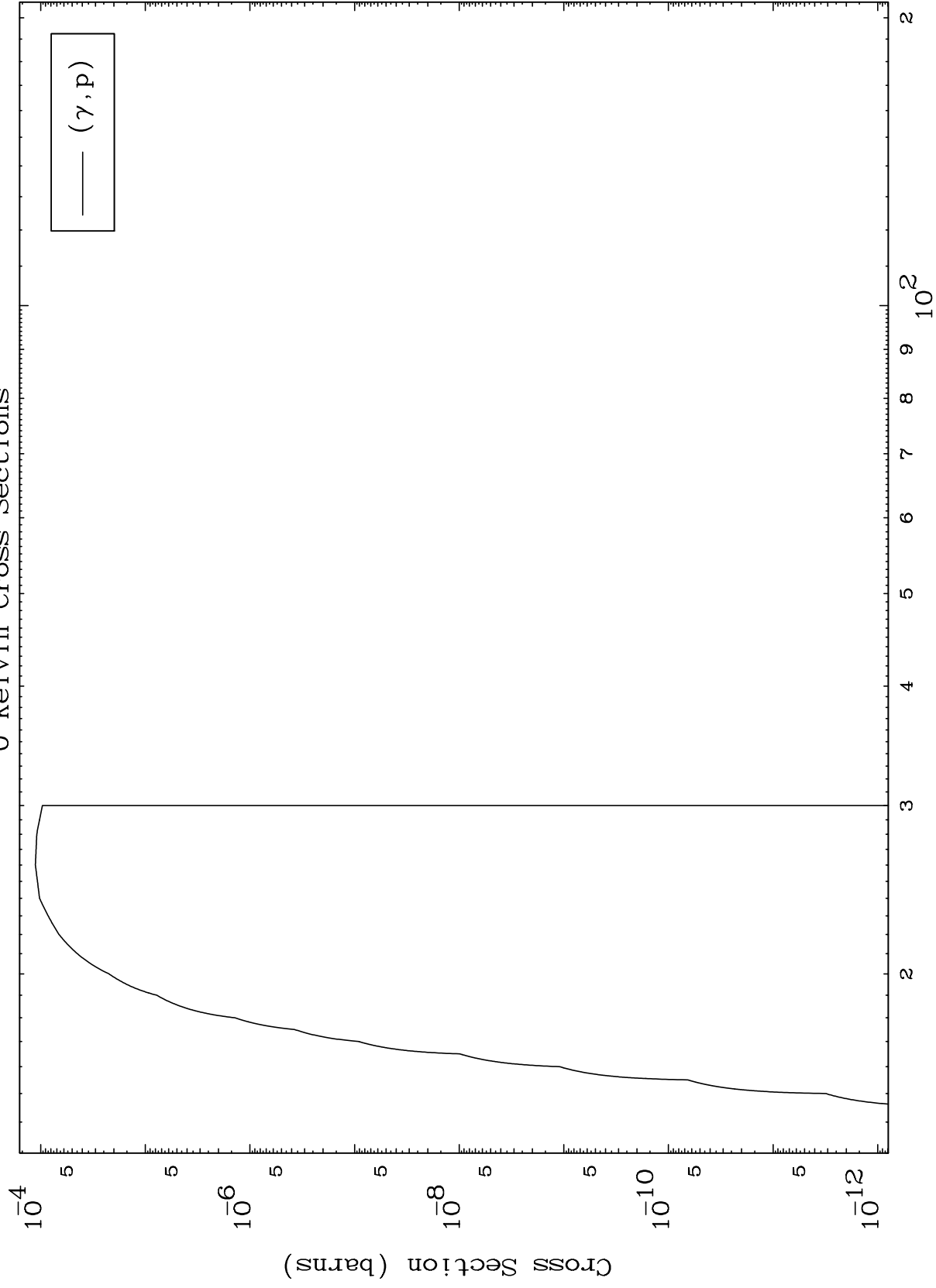
Incident Energy (MeV)

40-Zr-101

MAT 4058

(γ, p) Levels
0 Kelvin Cross Sections

40-Zr-101



5

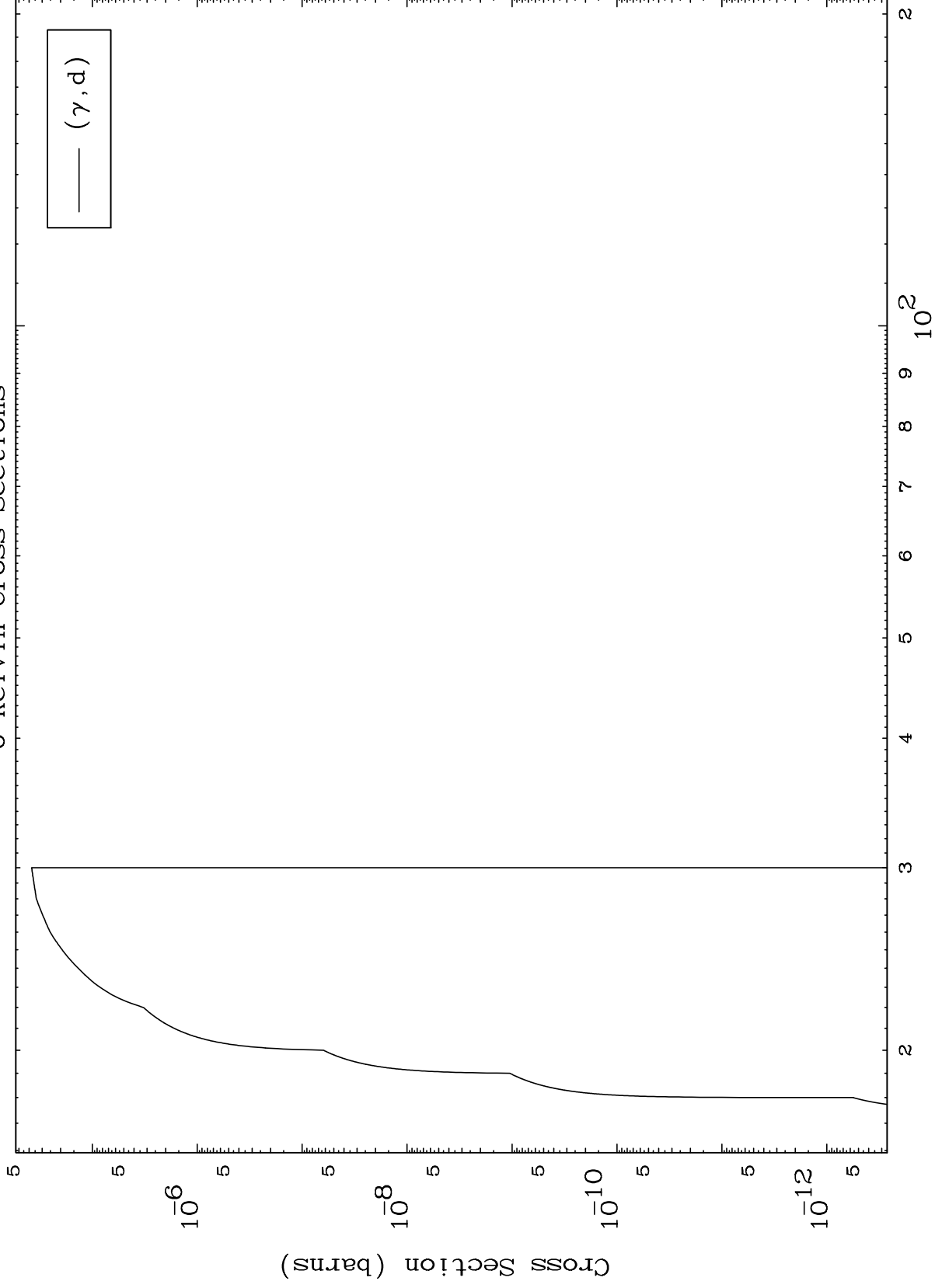
Incident Energy (MeV)

40-Zr-101

MAT 4058

40-Zr-101

(γ, d) Levels
0 Kelvin Cross Sections



40-Zr-101

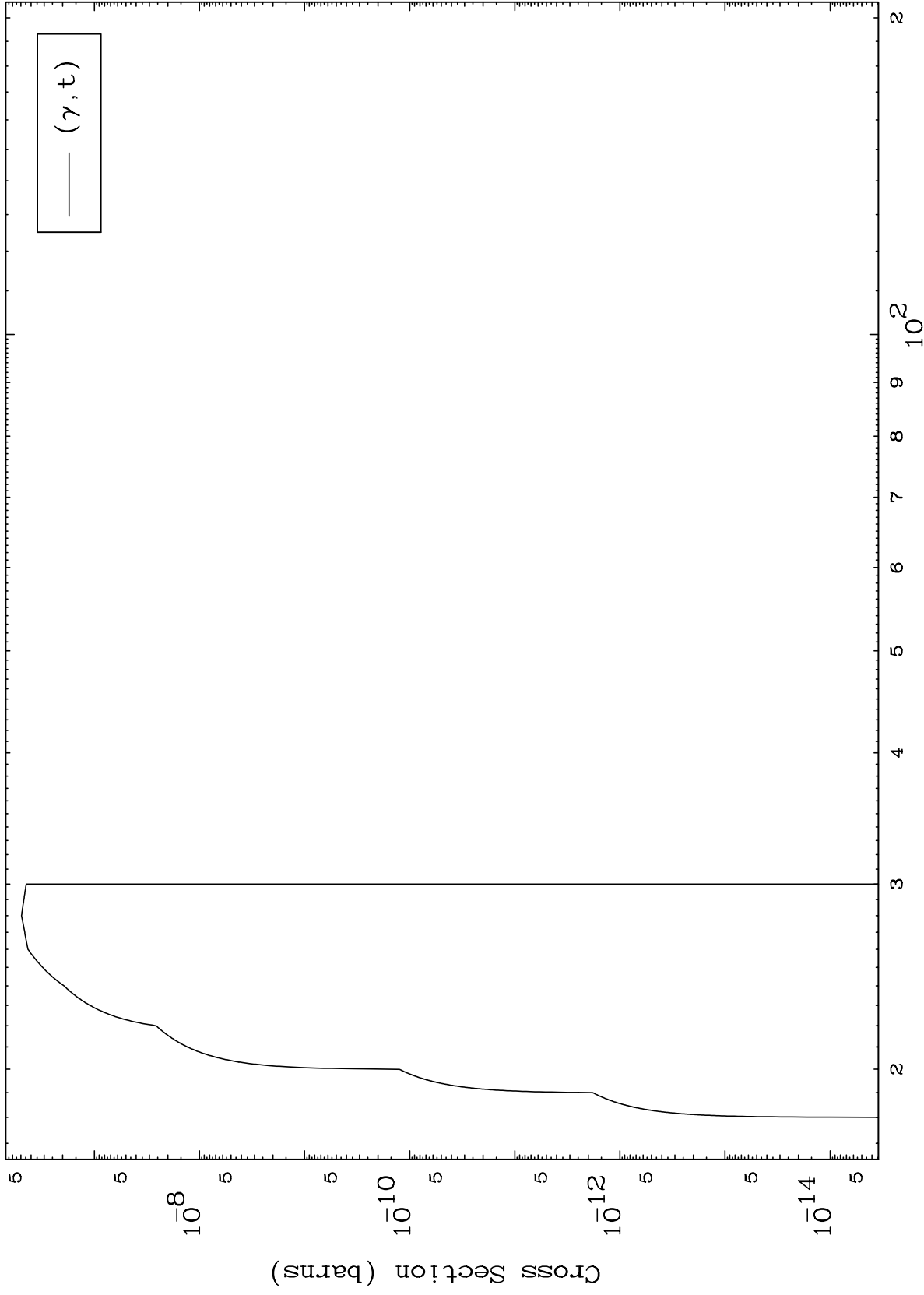
Incident Energy (MeV)

6

MAT 4058

(γ, t) Levels
0 Kelvin Cross Sections

40-Zr-101



7

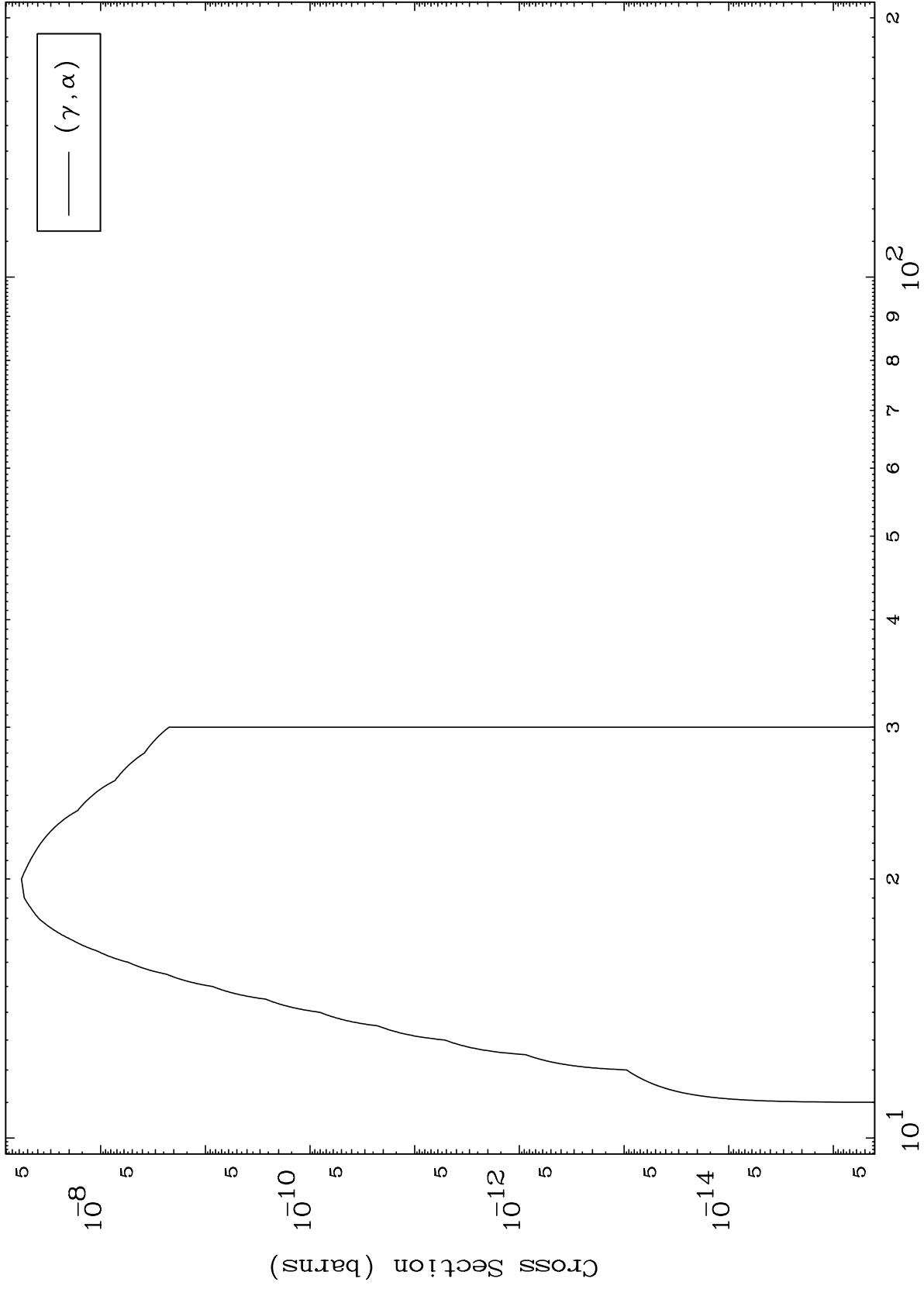
Incident Energy (MeV)

40-Zr-101

MAT 4058

(γ, α) Levels
0 Kelvin Cross Sections

40-Zr-101



40-Zr-101

Incident Energy (MeV)

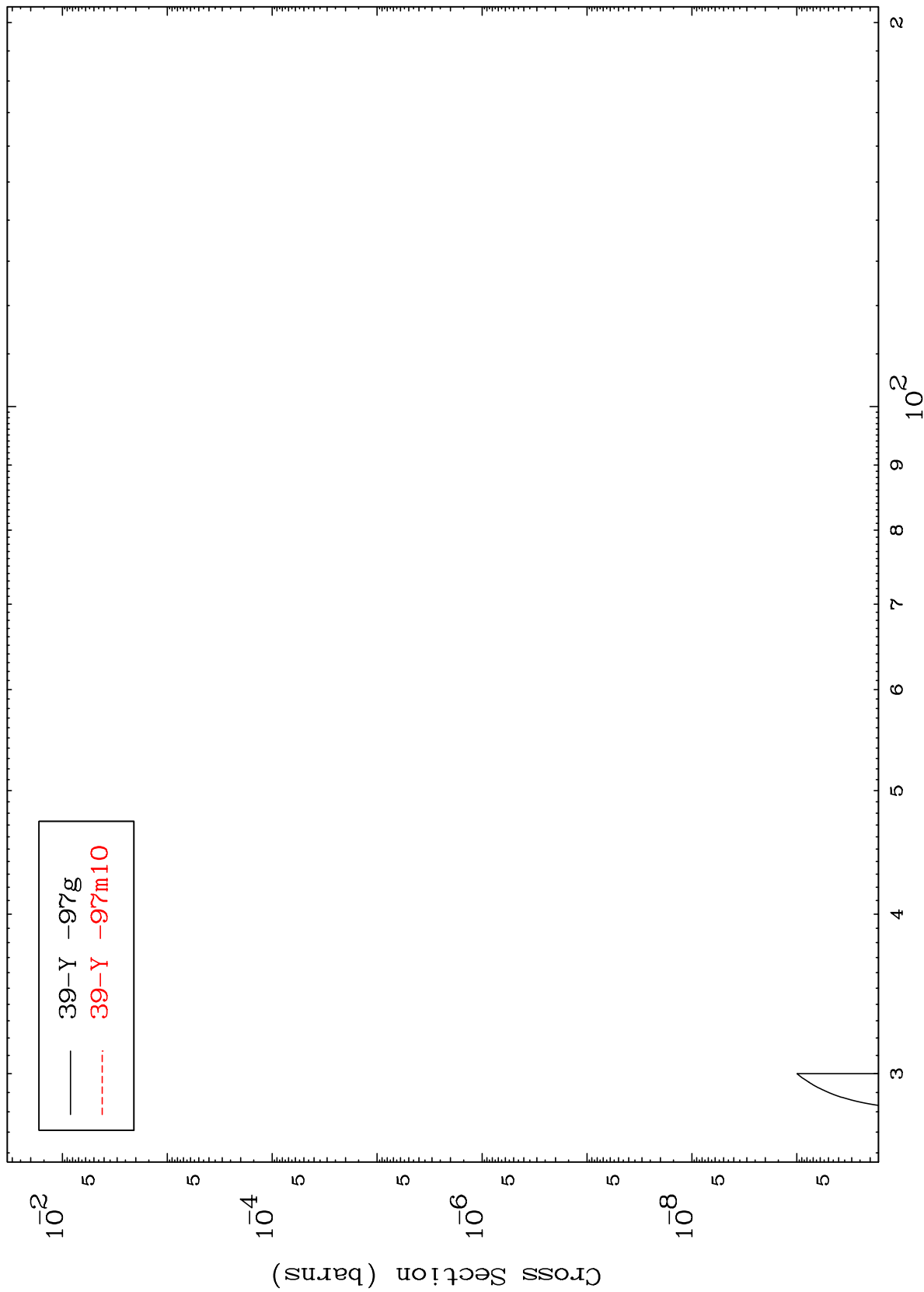
8

MAT 4058

($\gamma, 2n$) d

40-Zr-101

Radionuclide Production Cross Section



9

Incident Energy (MeV)

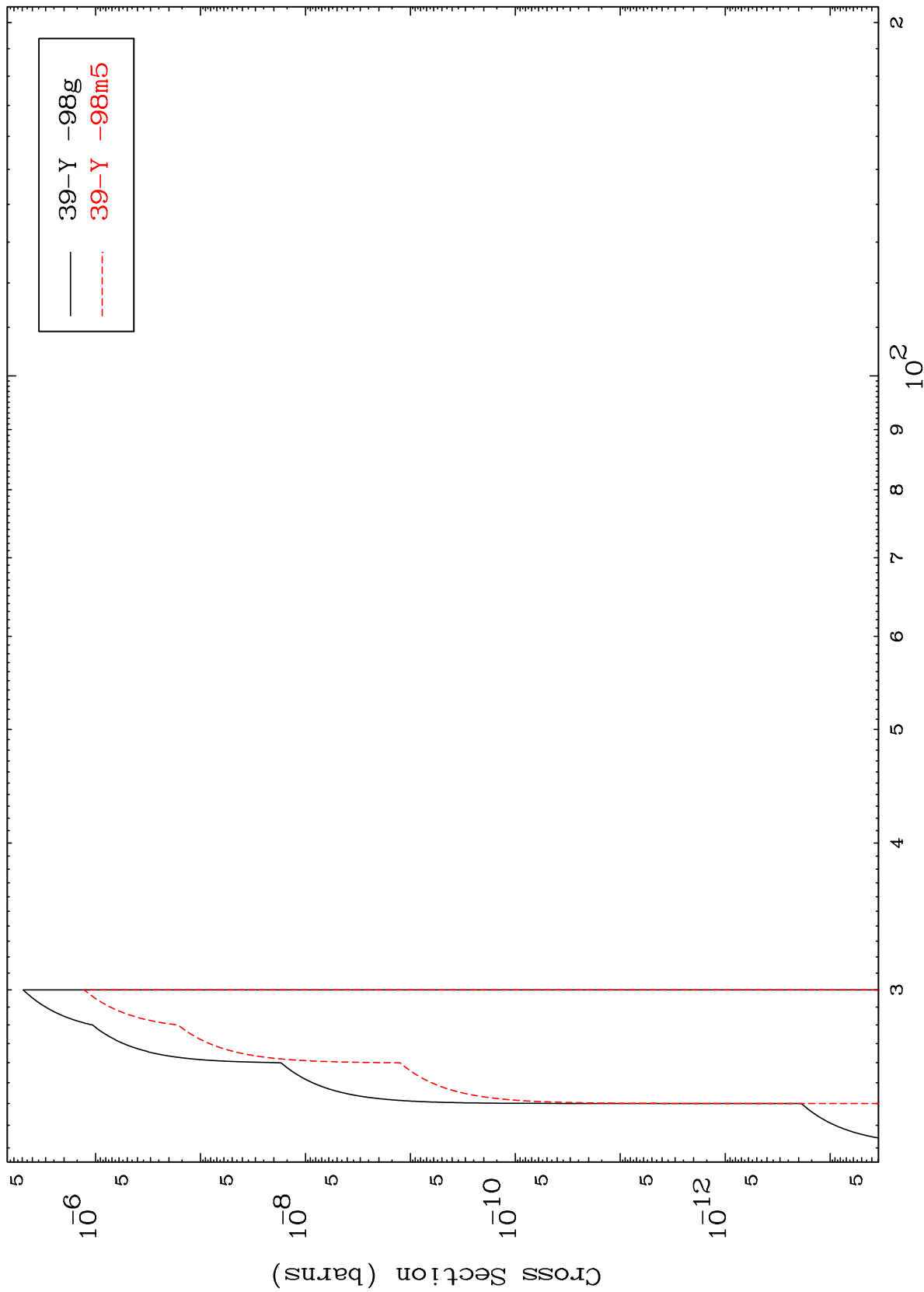
40-Zr-101

MAT 4058

(γ, n') d

40-Zr-101

Radionuclide Production Cross Section



10

Incident Energy (MeV)

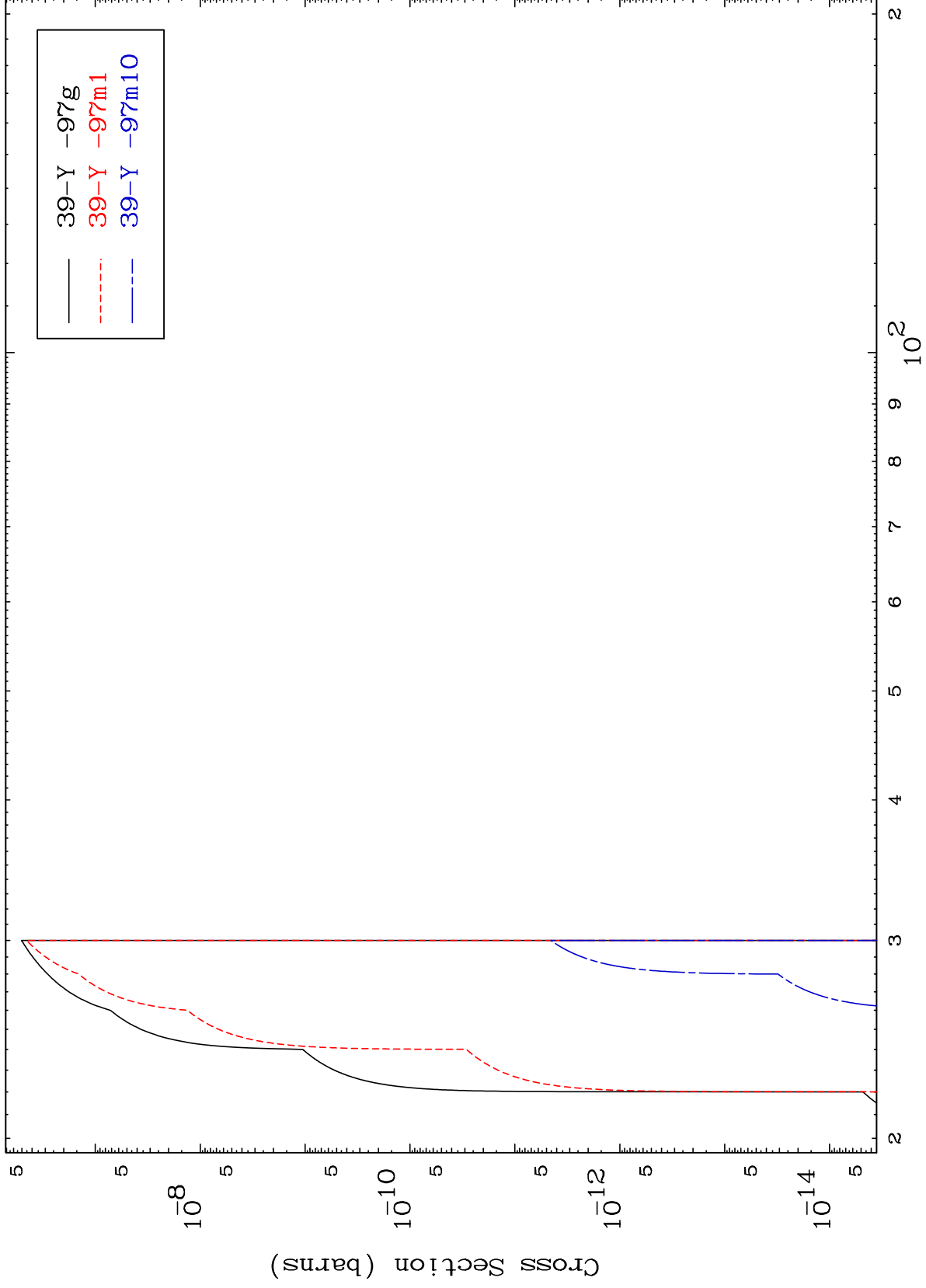
40-Zr-101

MAT 4058

(γ, n') t

40-Zr-101

Radionuclide Production Cross Section



11

Incident Energy (MeV)

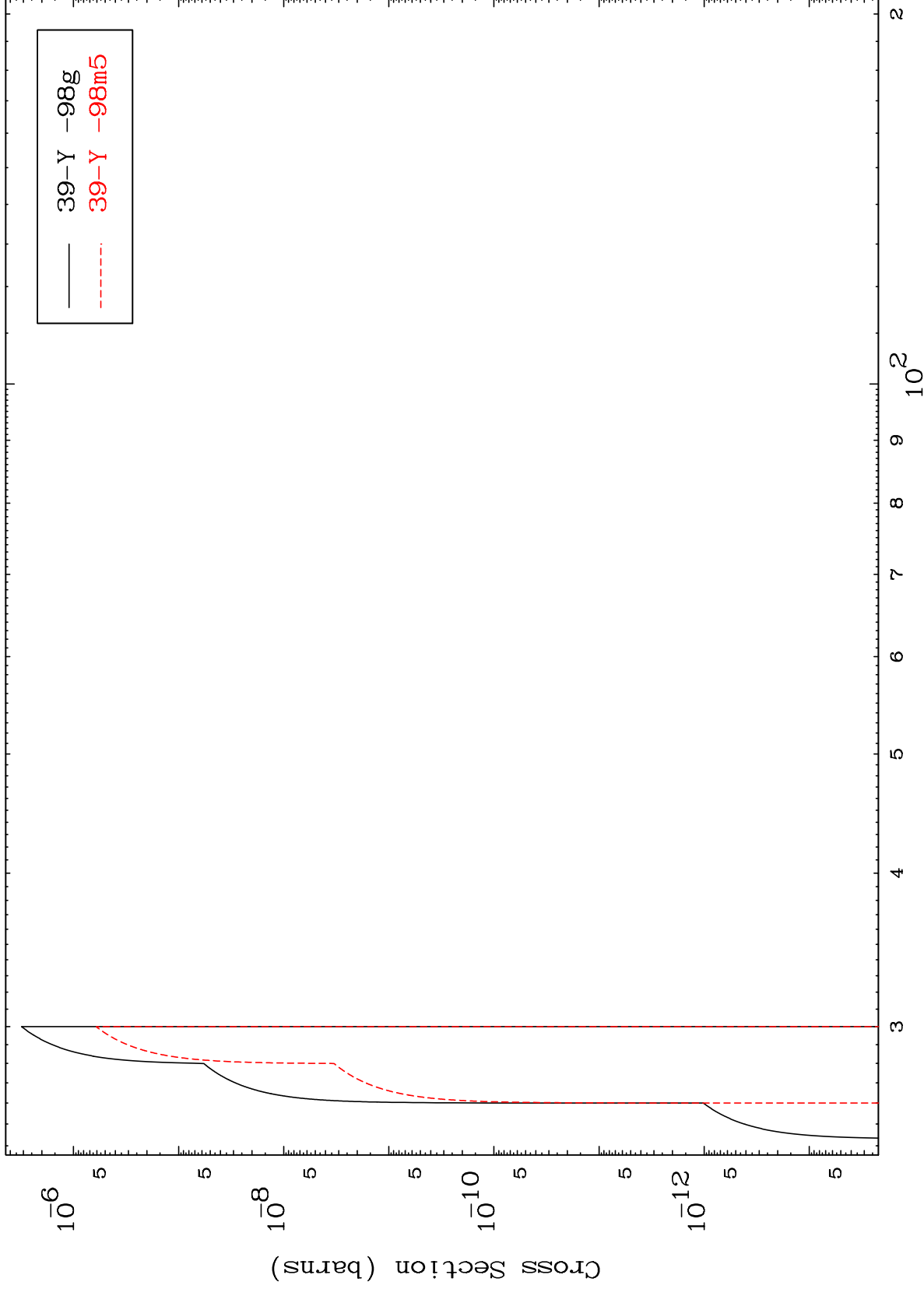
40-Zr-101

MAT 4058

($\gamma, 2n$) p

40-Zr-101

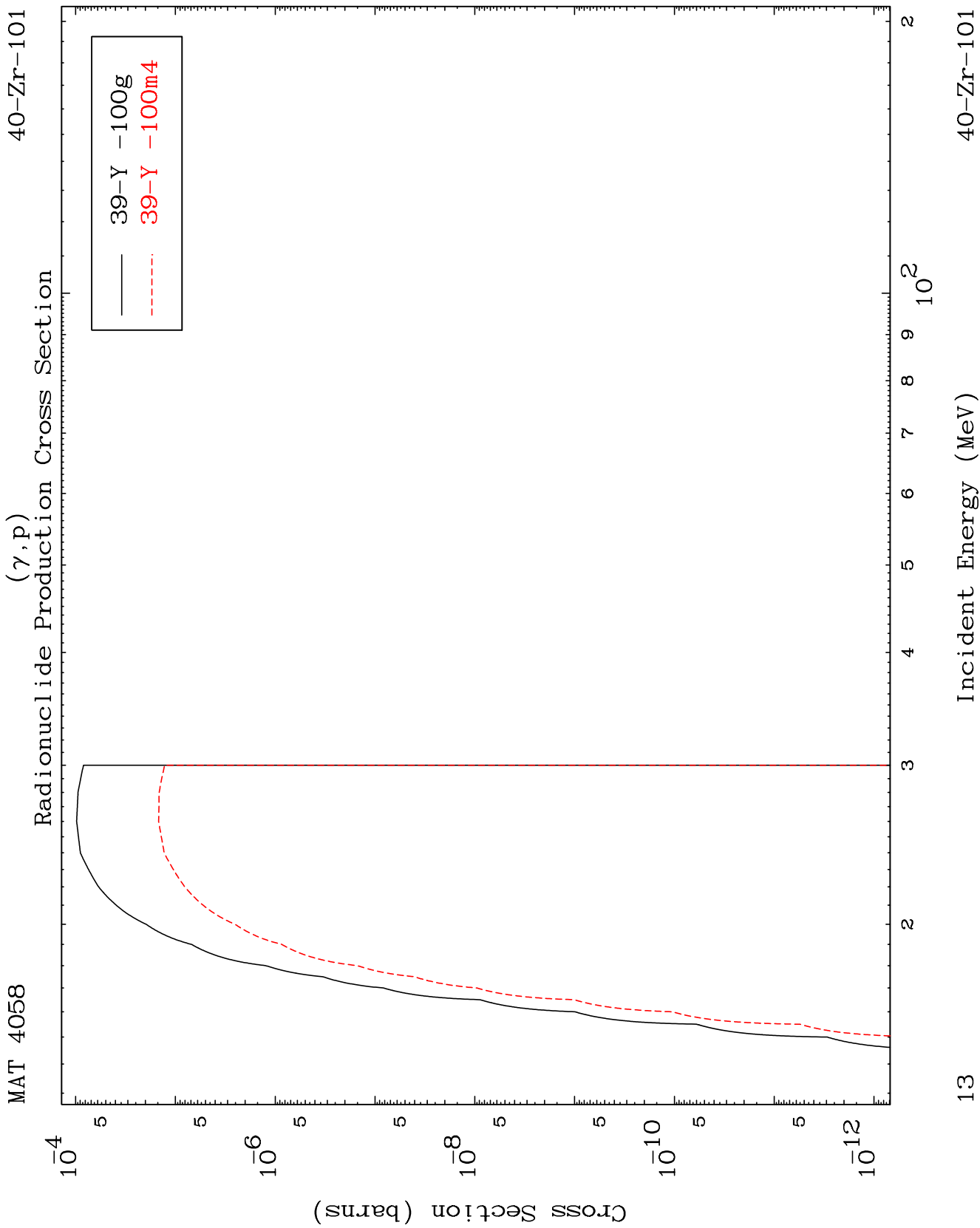
Radionuclide Production Cross Section



12

Incident Energy (MeV)

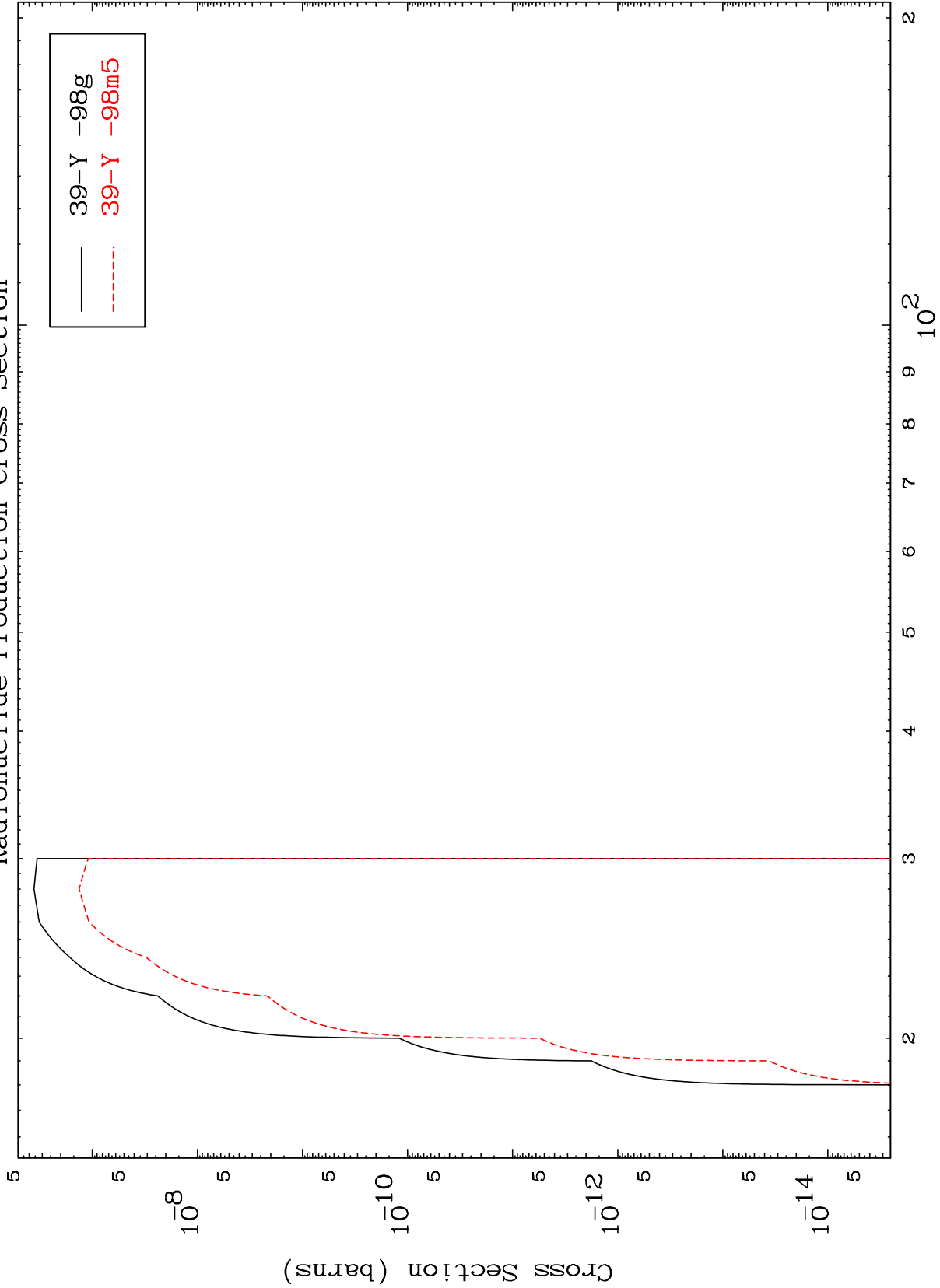
40-Zr-101



MAT 4058

40-Zr-101

(γ, t)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

40-Zr-101