

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

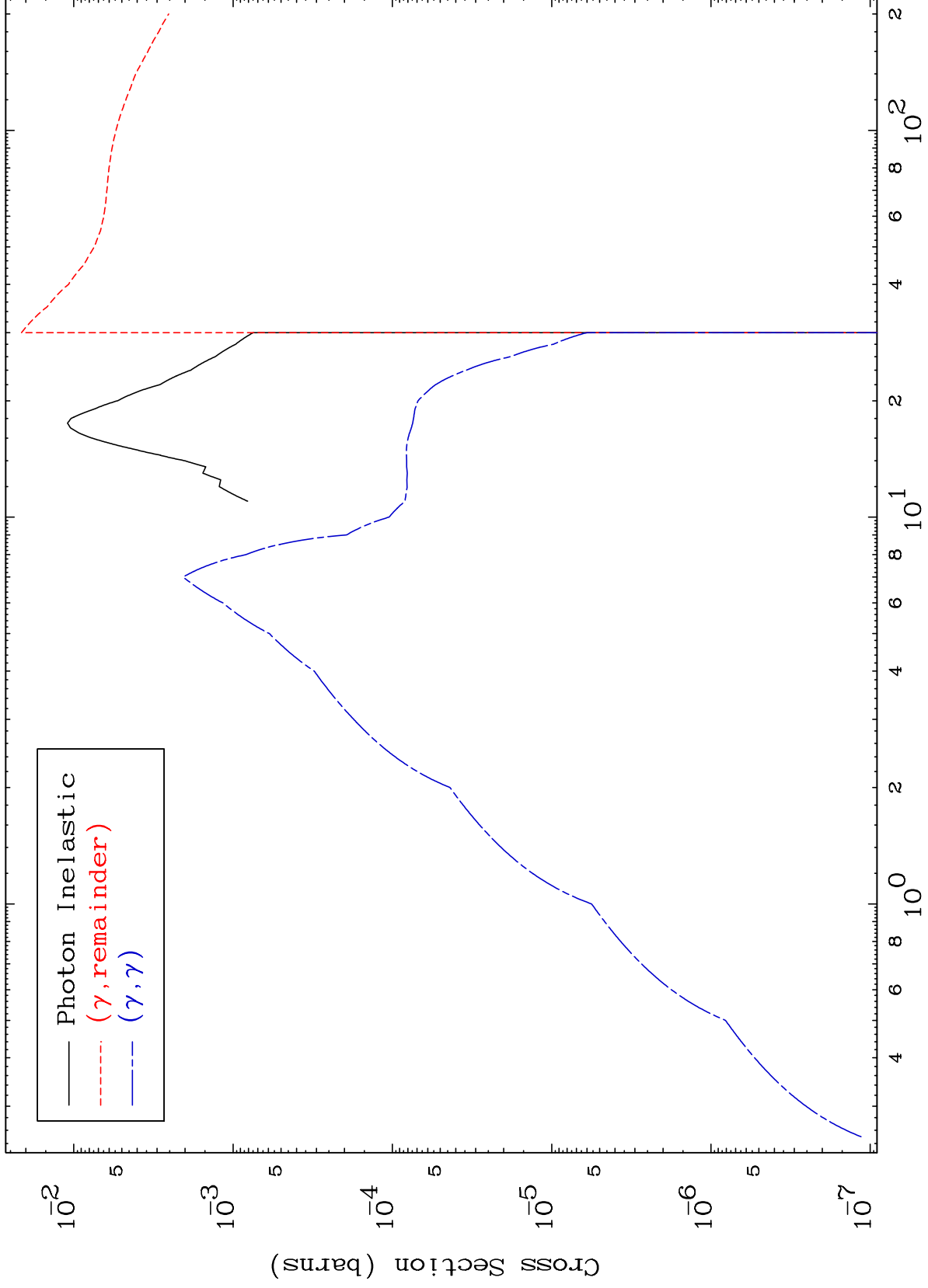
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4004

Photon Major
0 Kelvin Cross Sections

40-Zr-83



1

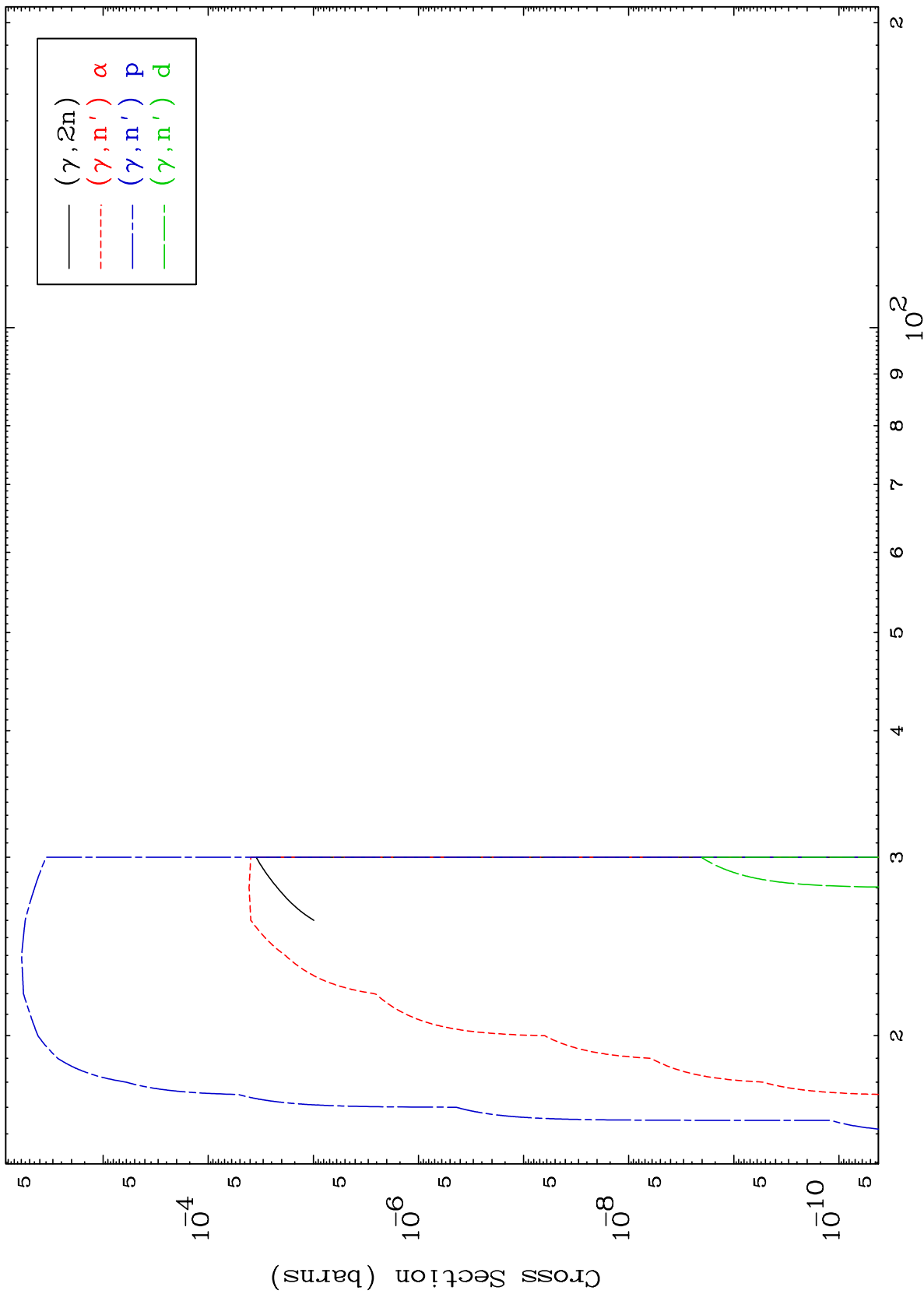
Incident Energy (MeV)

40-Zr-83

MAT 4004

Photon Neutron Production
0 Kelvin Cross Sections

40-Zr-83



40-Zr-83

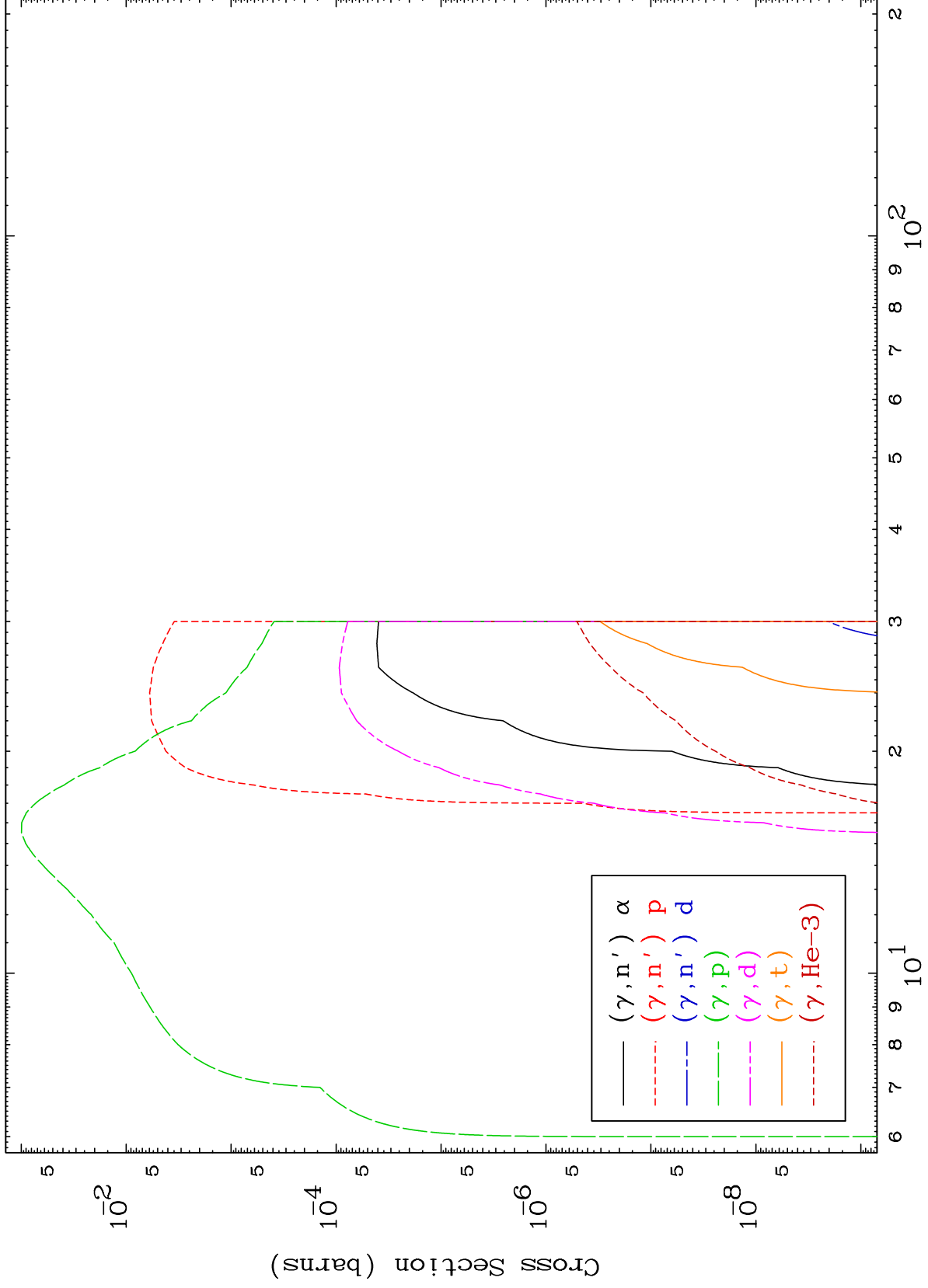
Incident Energy (MeV)

2

MAT 4004

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-83



Incident Energy (MeV)

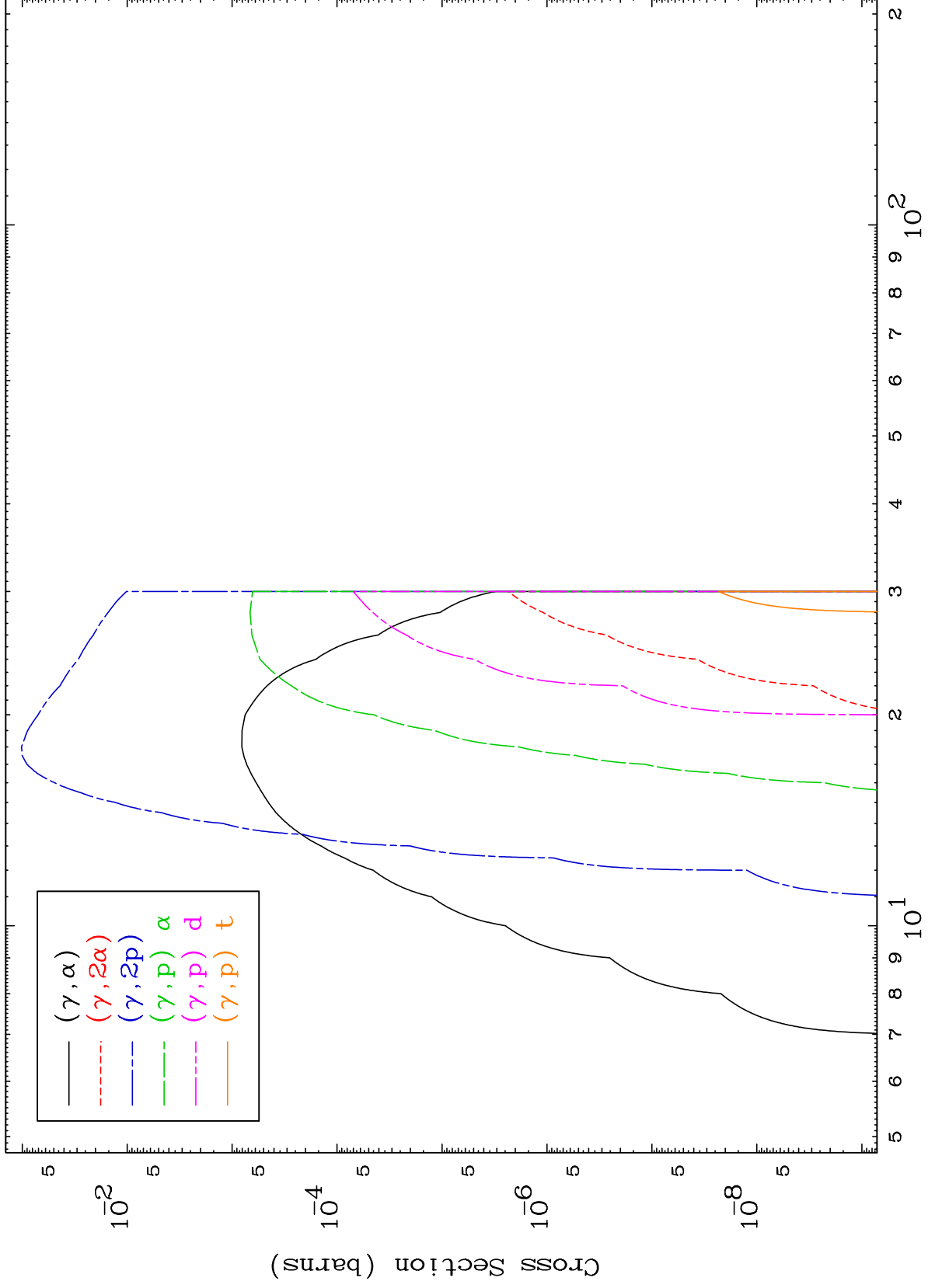
40-Zr-83

3

MAT 4004

Photon Charged Particle
0 Kelvin Cross Sections

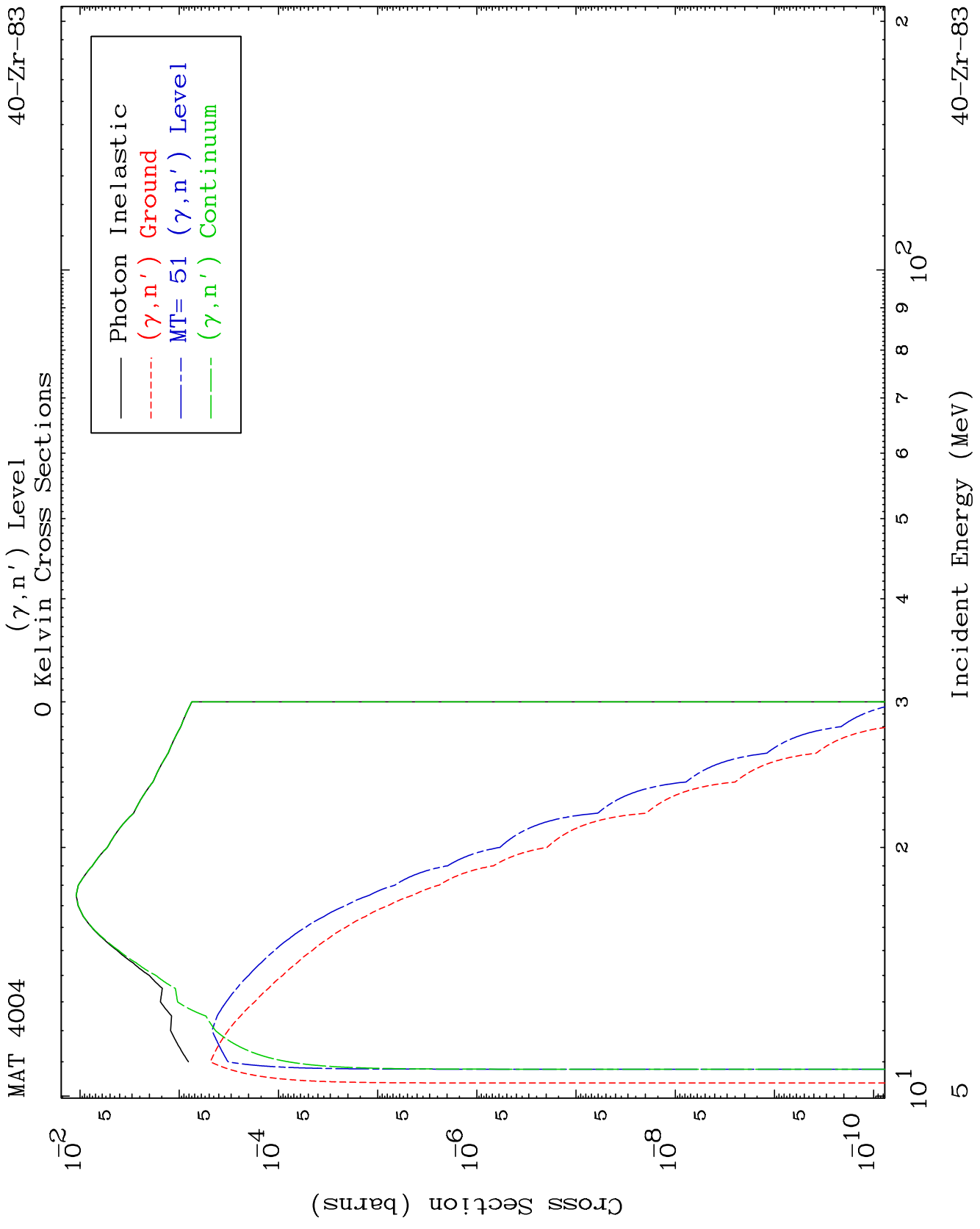
40-Zr-83



4

Incident Energy (MeV)

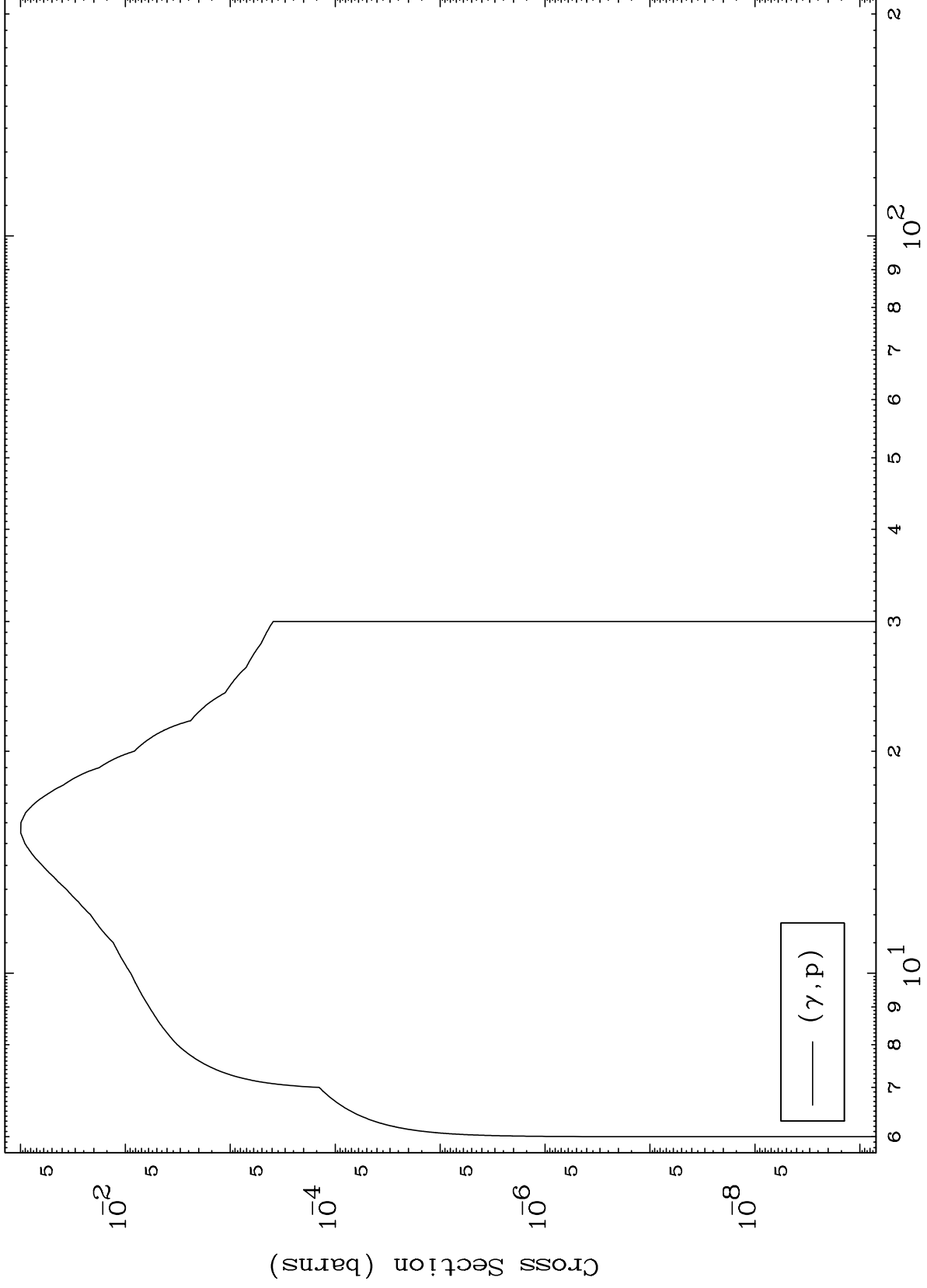
40-Zr-83



MAT 4004

(γ, p) Levels
0 Kelvin Cross Sections

40-Zr-83



6

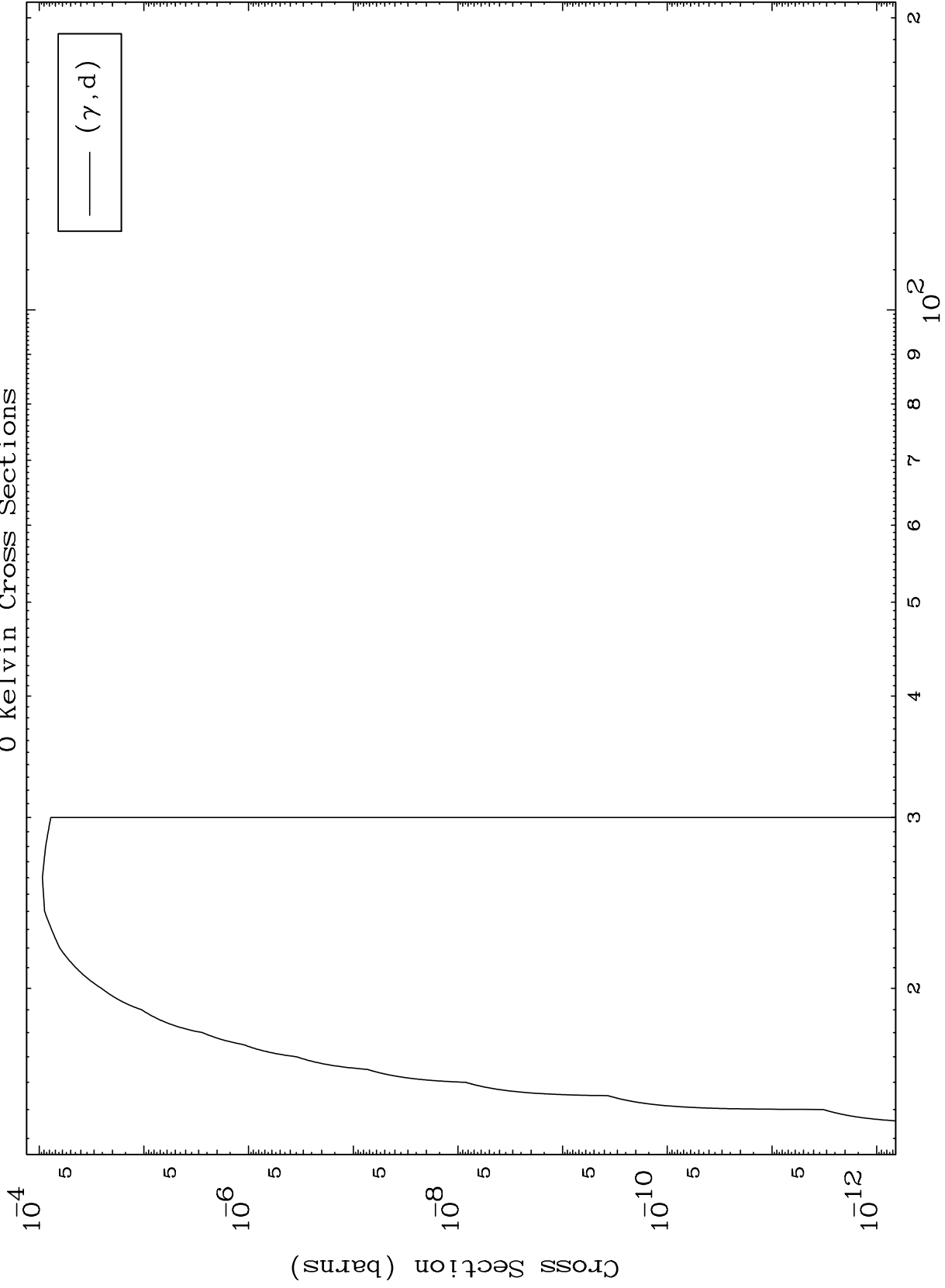
Incident Energy (MeV)

40-Zr-83

MAT 4004

(γ, d) Levels
0 Kelvin Cross Sections

40-Zr-83



40-Zr-83

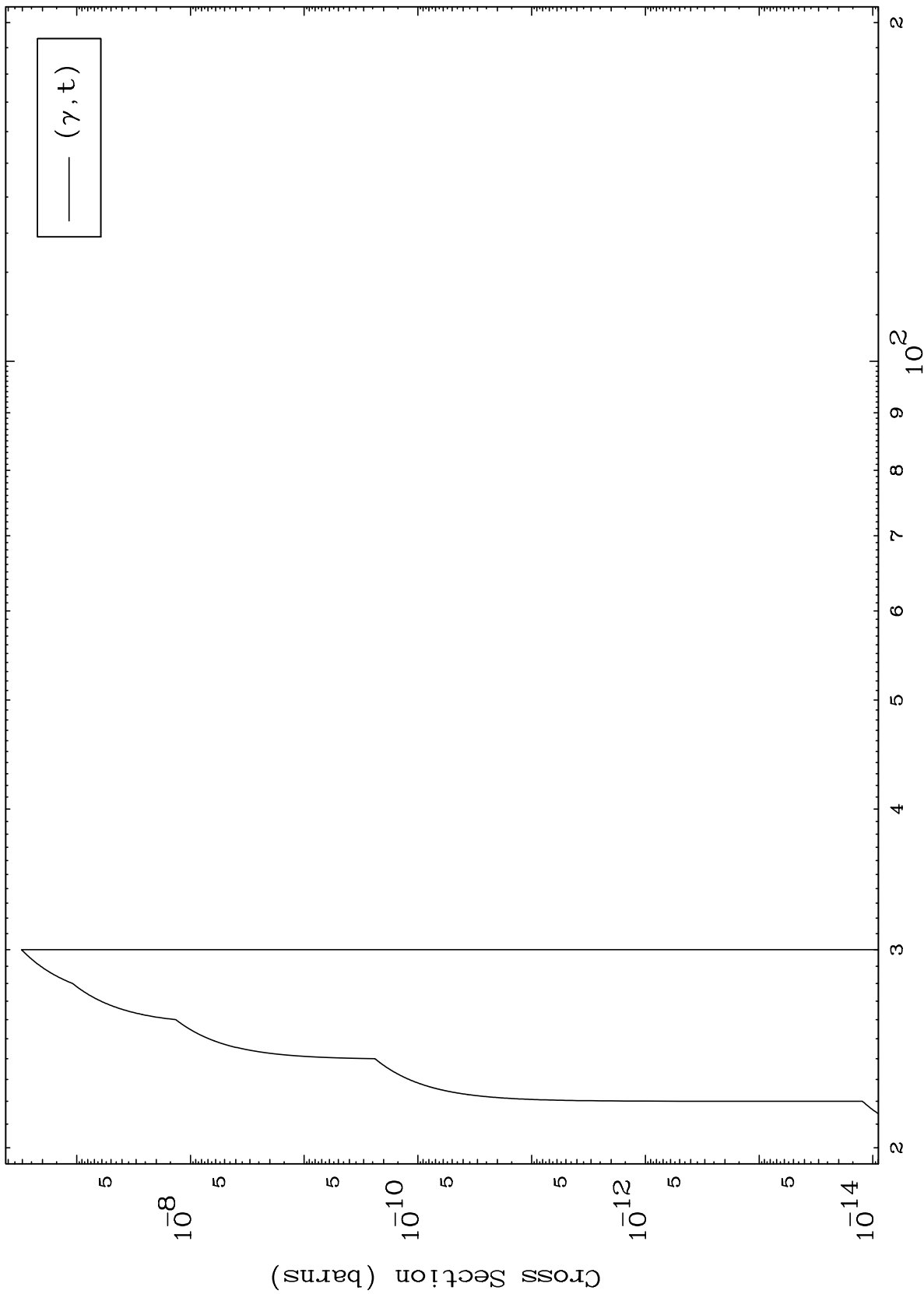
Incident Energy (MeV)

7

MAT 4004

40-Zr-83

(γ, t) Levels
0 Kelvin Cross Sections

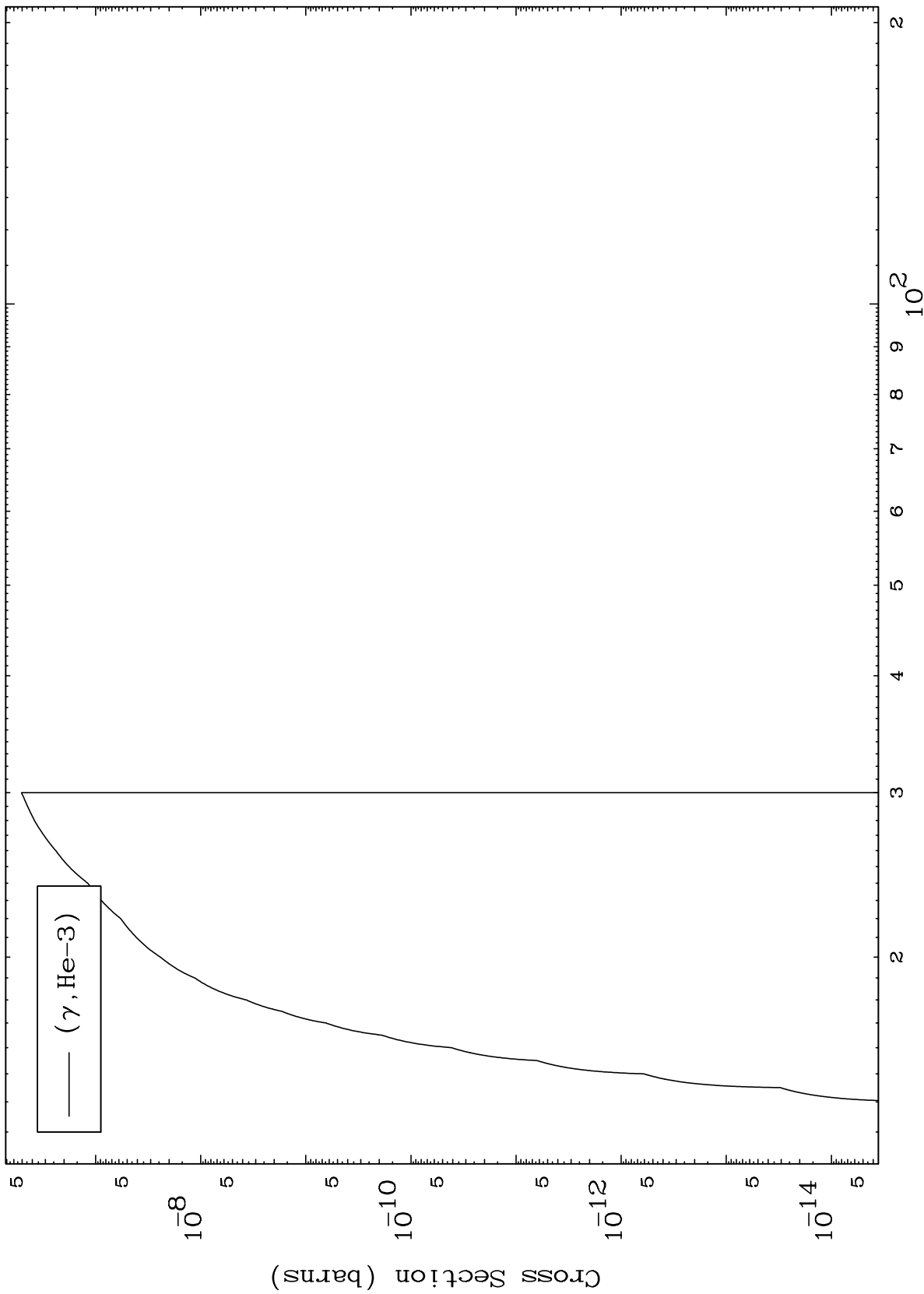


40-Zr-83

Incident Energy (MeV)

8

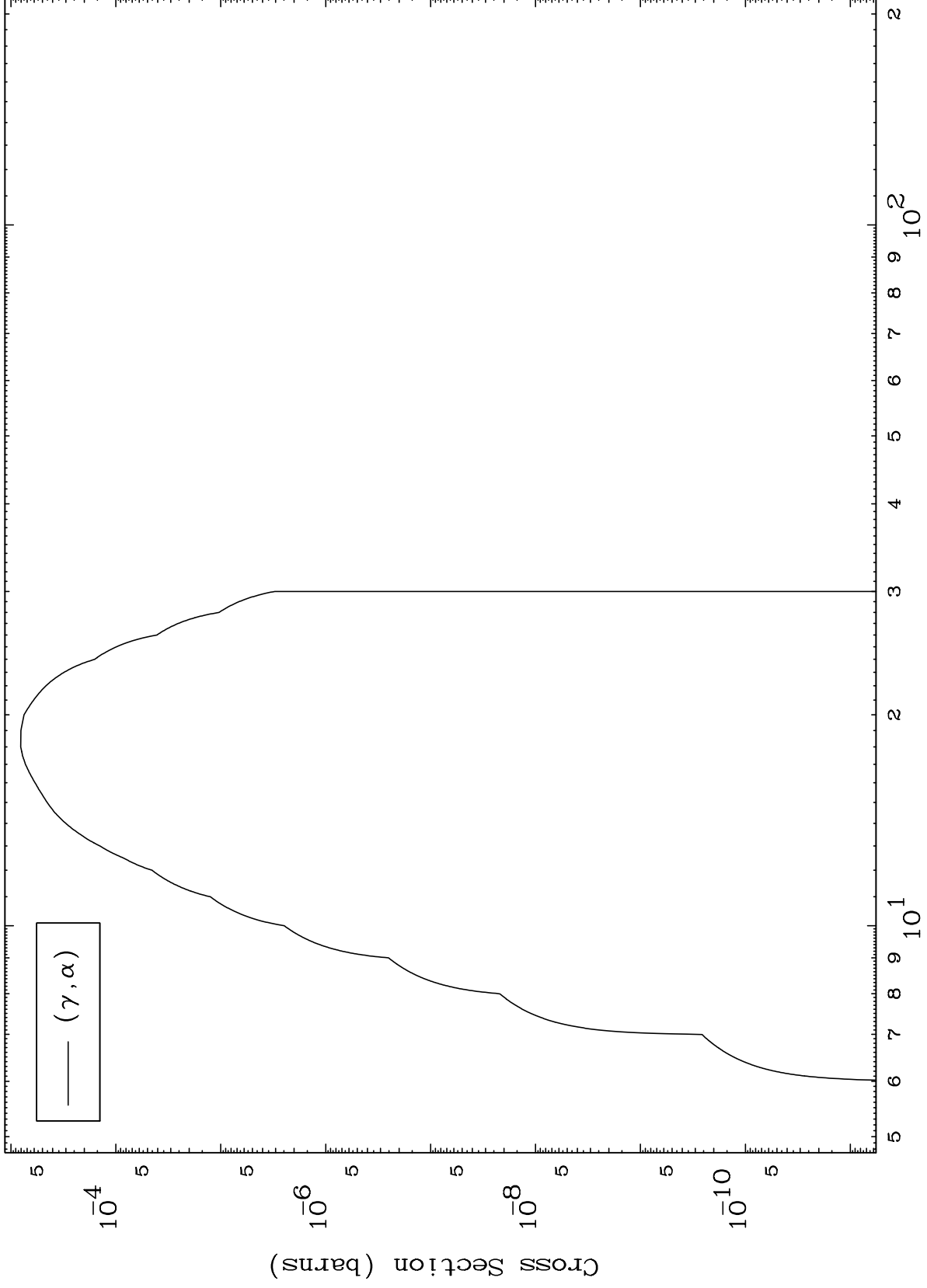
($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 4004

(γ, α) Levels
0 Kelvin Cross Sections

40-Zr-83



10

Incident Energy (MeV)

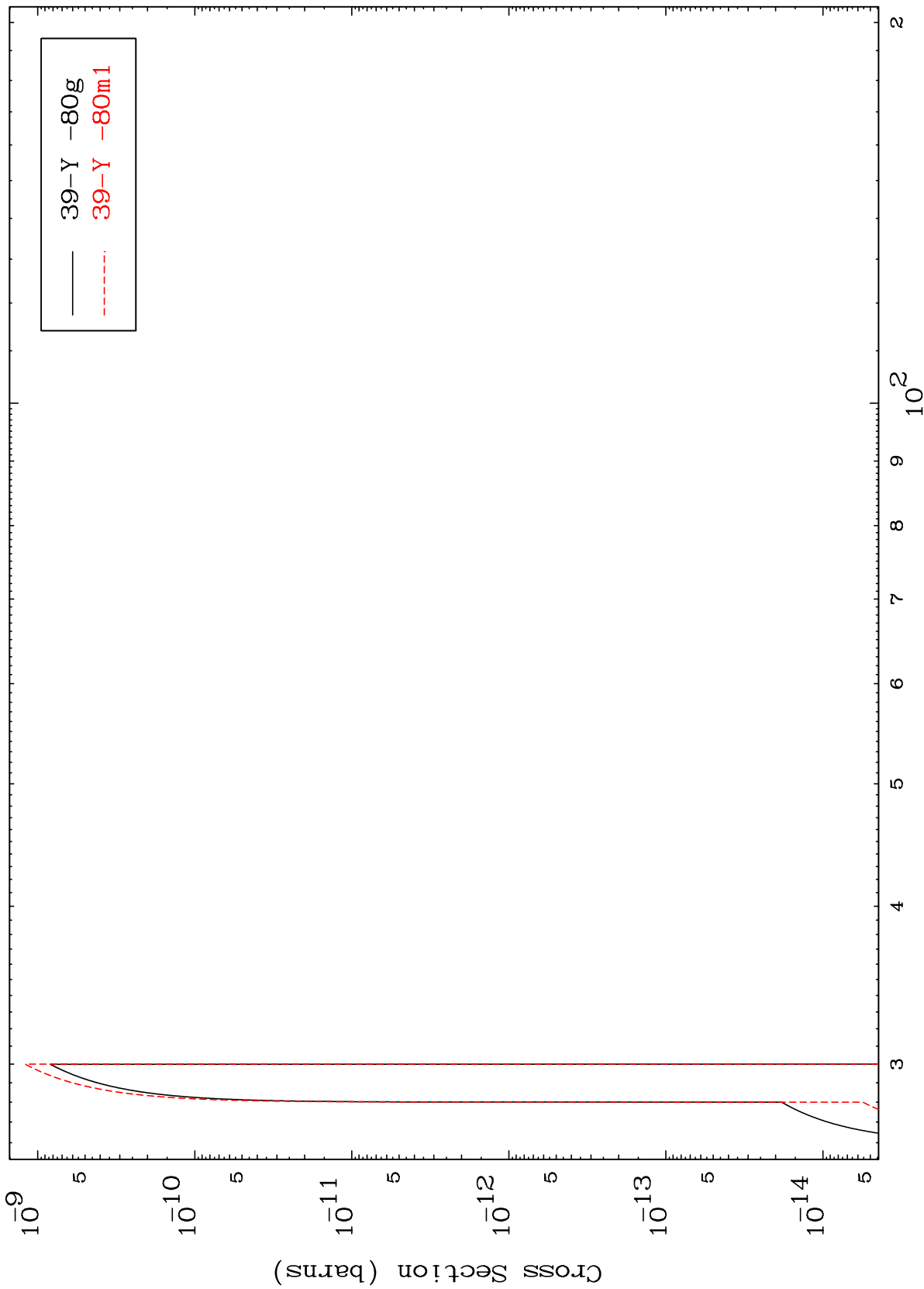
40-Zr-83

MAT 4004

(γ, n') d

40-Zr-83

Radionuclide Production Cross Section



11

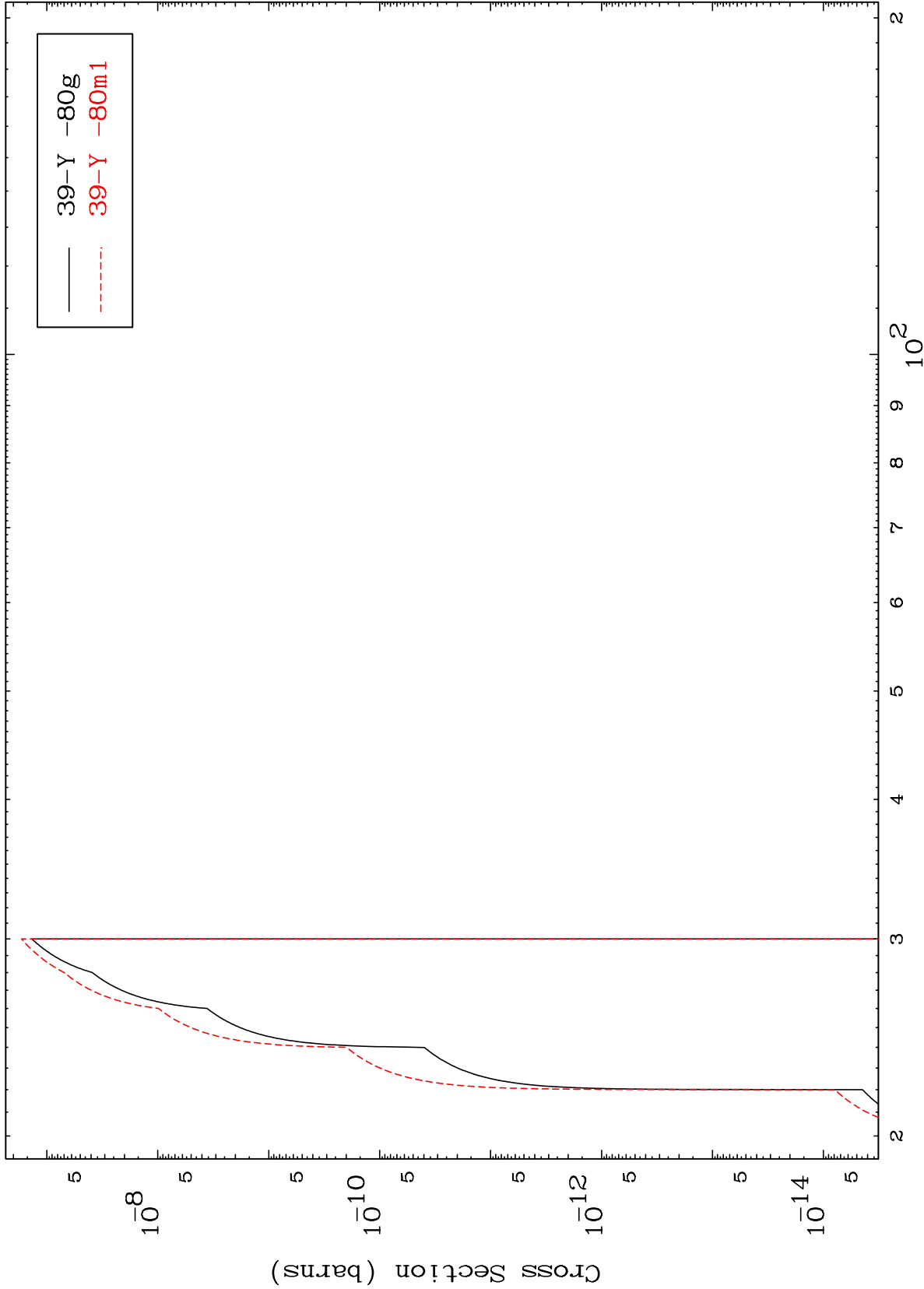
Incident Energy (MeV)

40-Zr-83

MAT 4004

40-Zr-83

(γ, t)
Radionuclide Production Cross Section



40-Zr-83

Incident Energy (MeV)

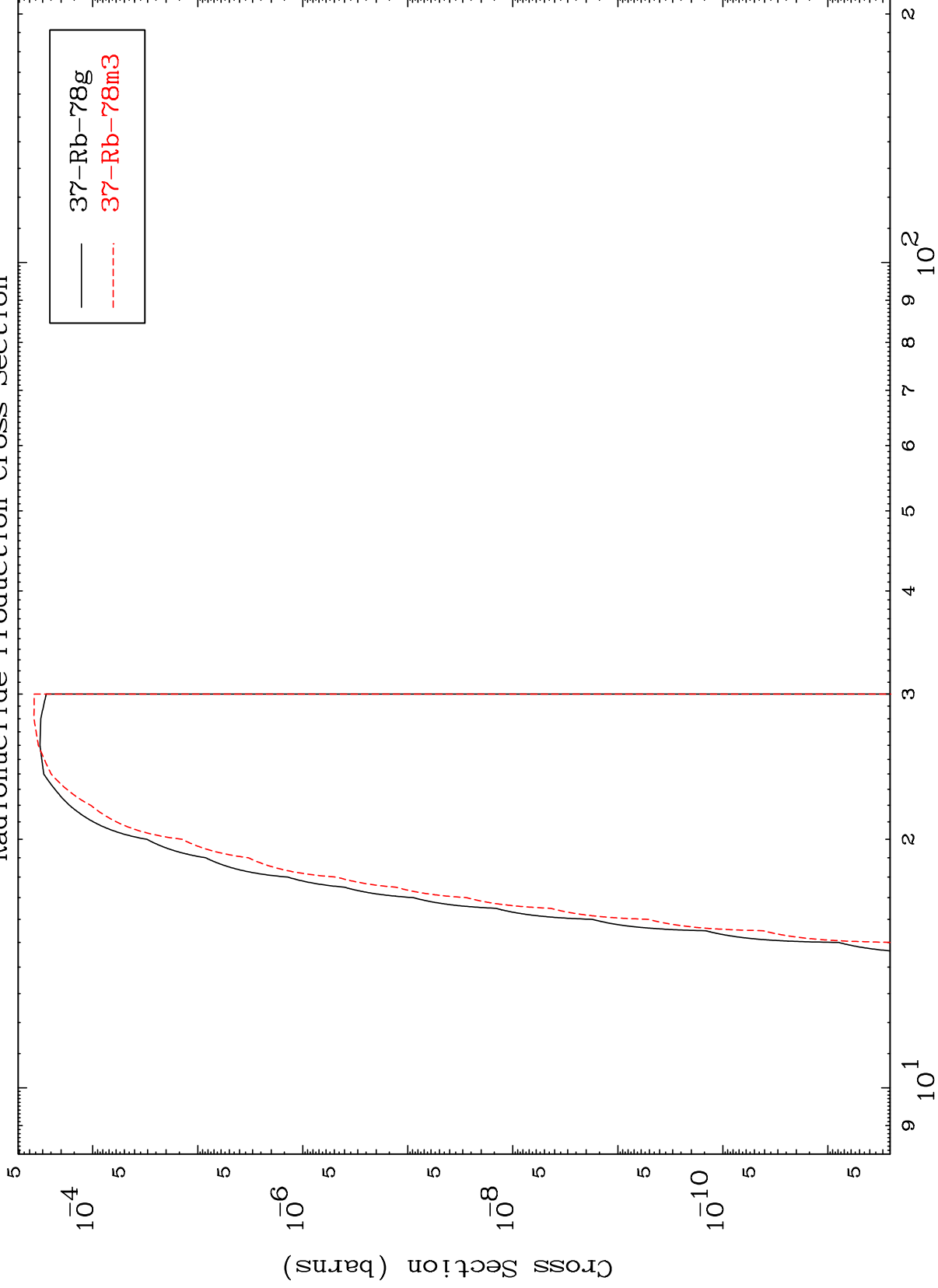
12

MAT 4004

(γ, p) α

40-Zr-83

Radionuclide Production Cross Section



13

Incident Energy (MeV)

40-Zr-83