

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

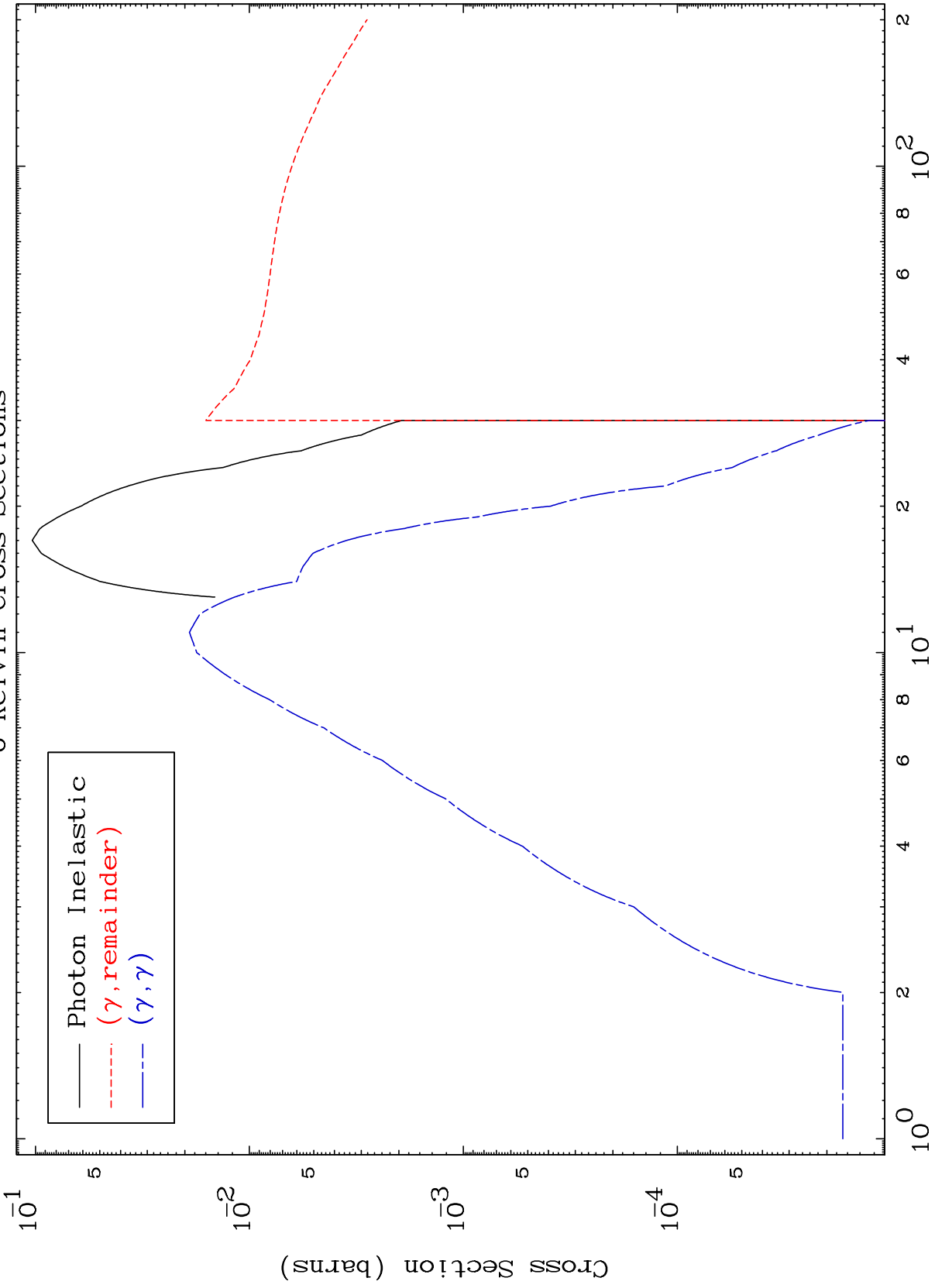
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4019

Photon Major
0 Kelvin Cross Sections

40-Zr-88



Photon Inelastic
(γ, remainder)
(γ, γ)

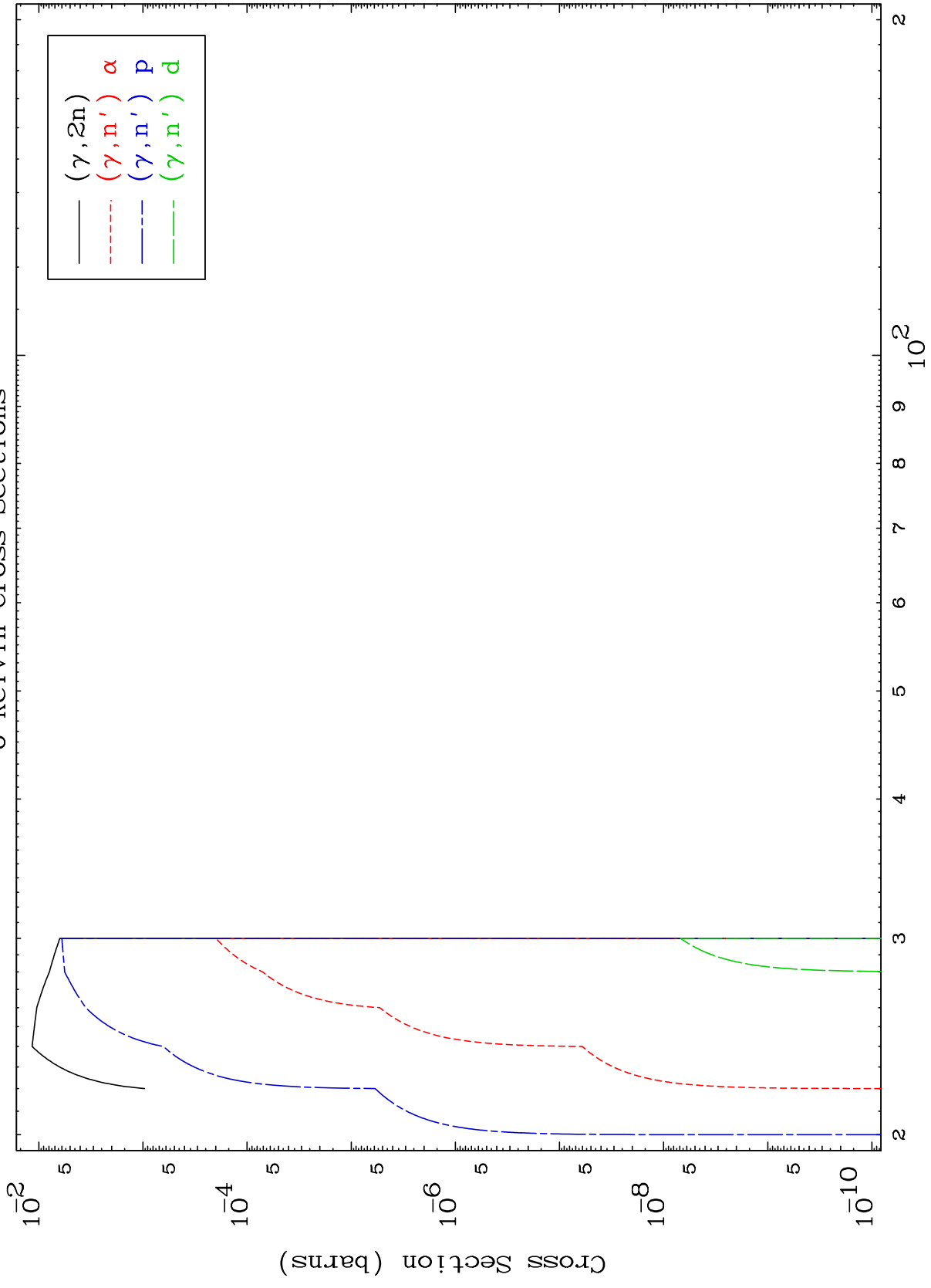
Incident Energy (MeV)

40-Zr-88

MAT 4019

Photon Neutron Production
0 Kelvin Cross Sections

40-Zr-88



2

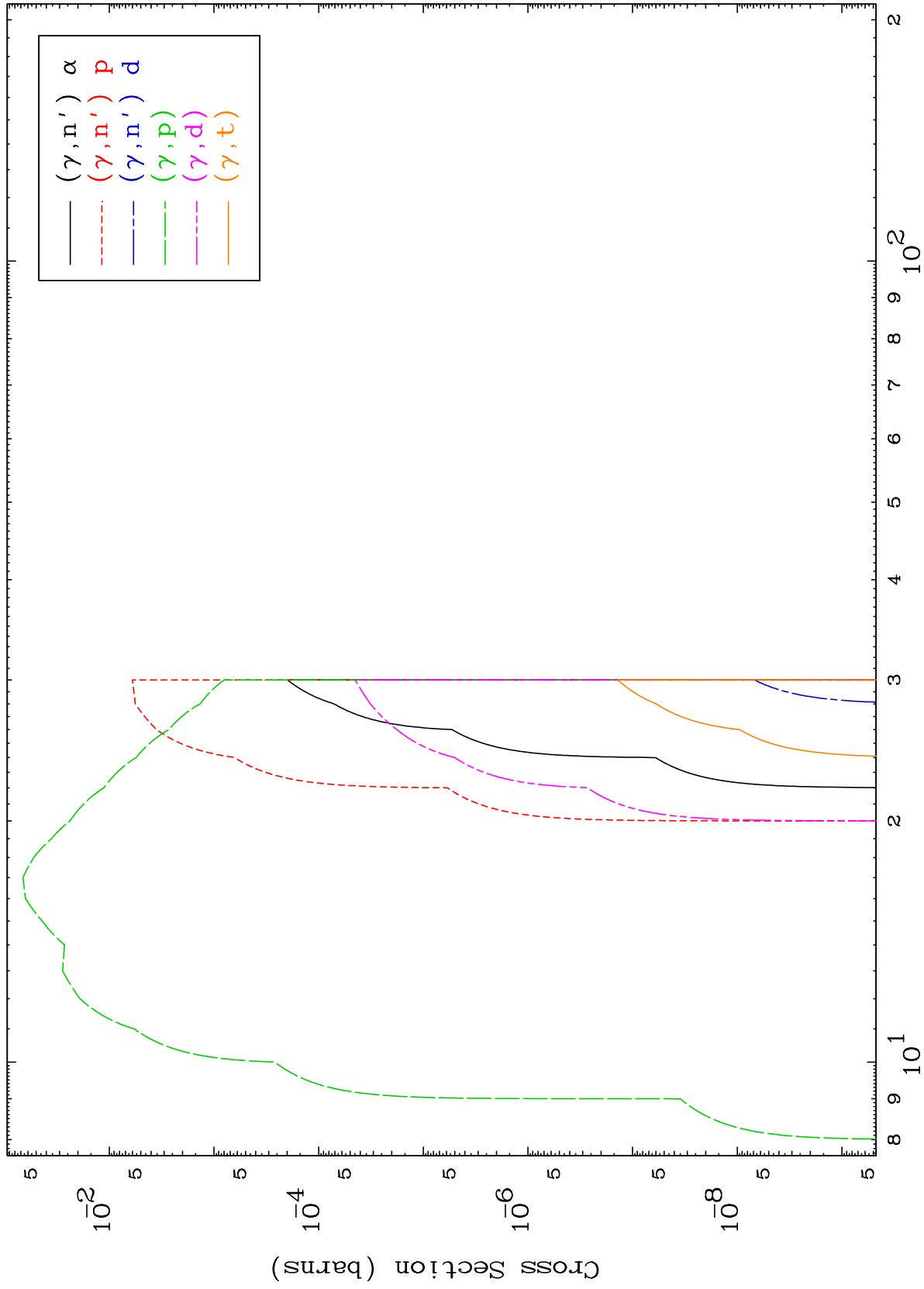
Incident Energy (MeV)

40-Zr-88

MAT 4019

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-88



3

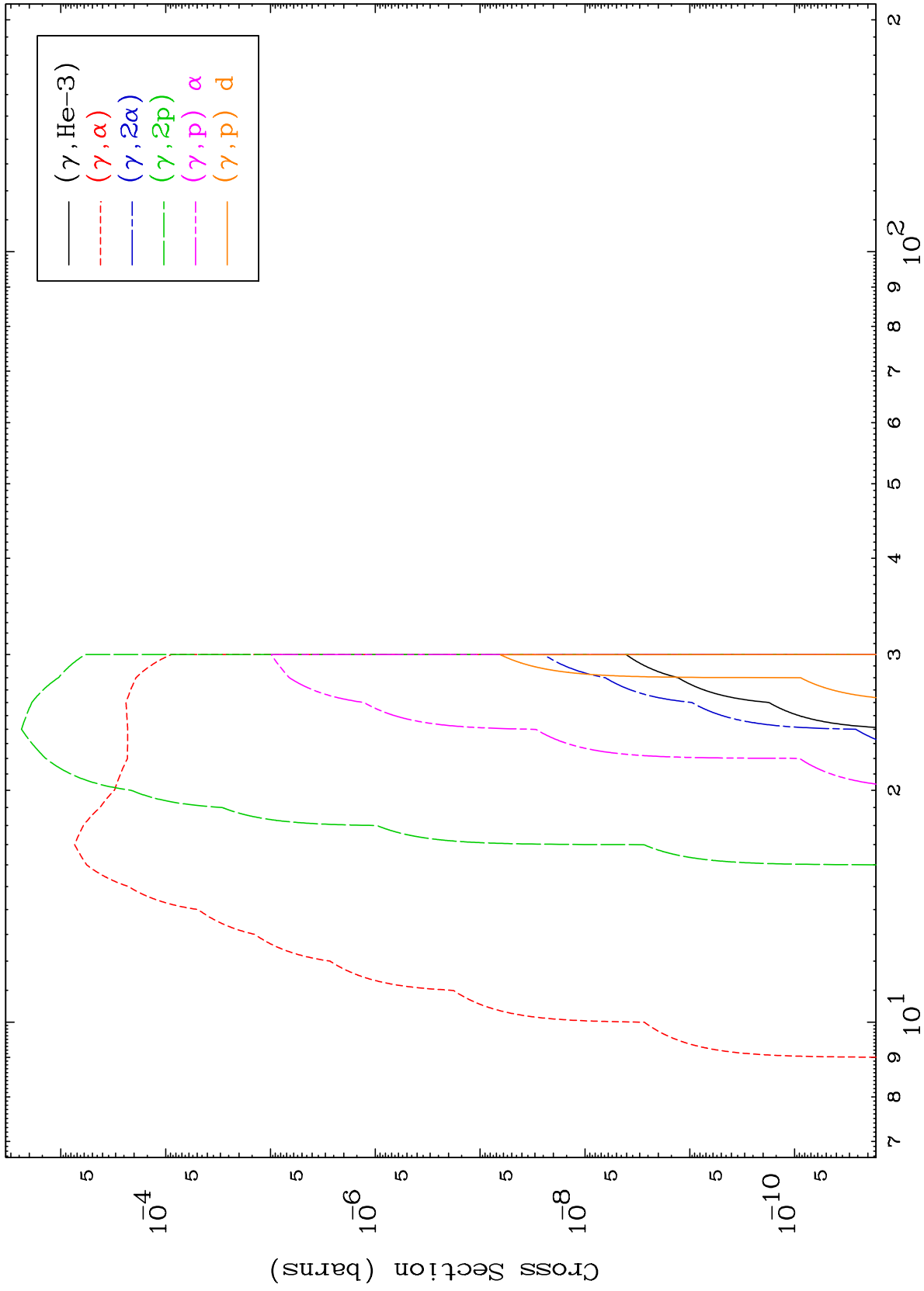
Incident Energy (MeV)

40-Zr-88

MAT 4019

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-88



4

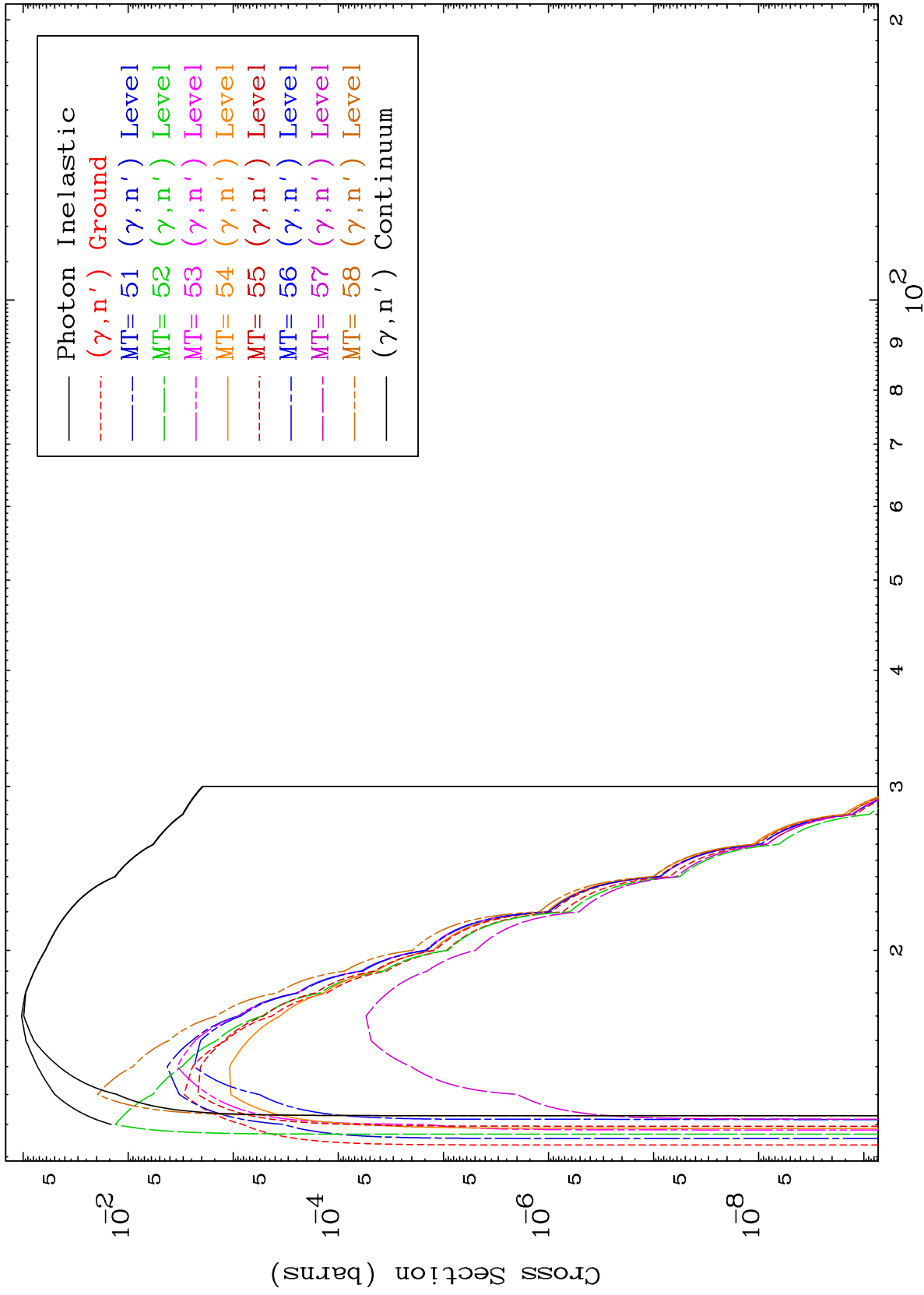
Incident Energy (MeV)

40-Zr-88

MAT 4019

(γ, n') Level
0 Kelvin Cross Sections

40-Zr-88



5

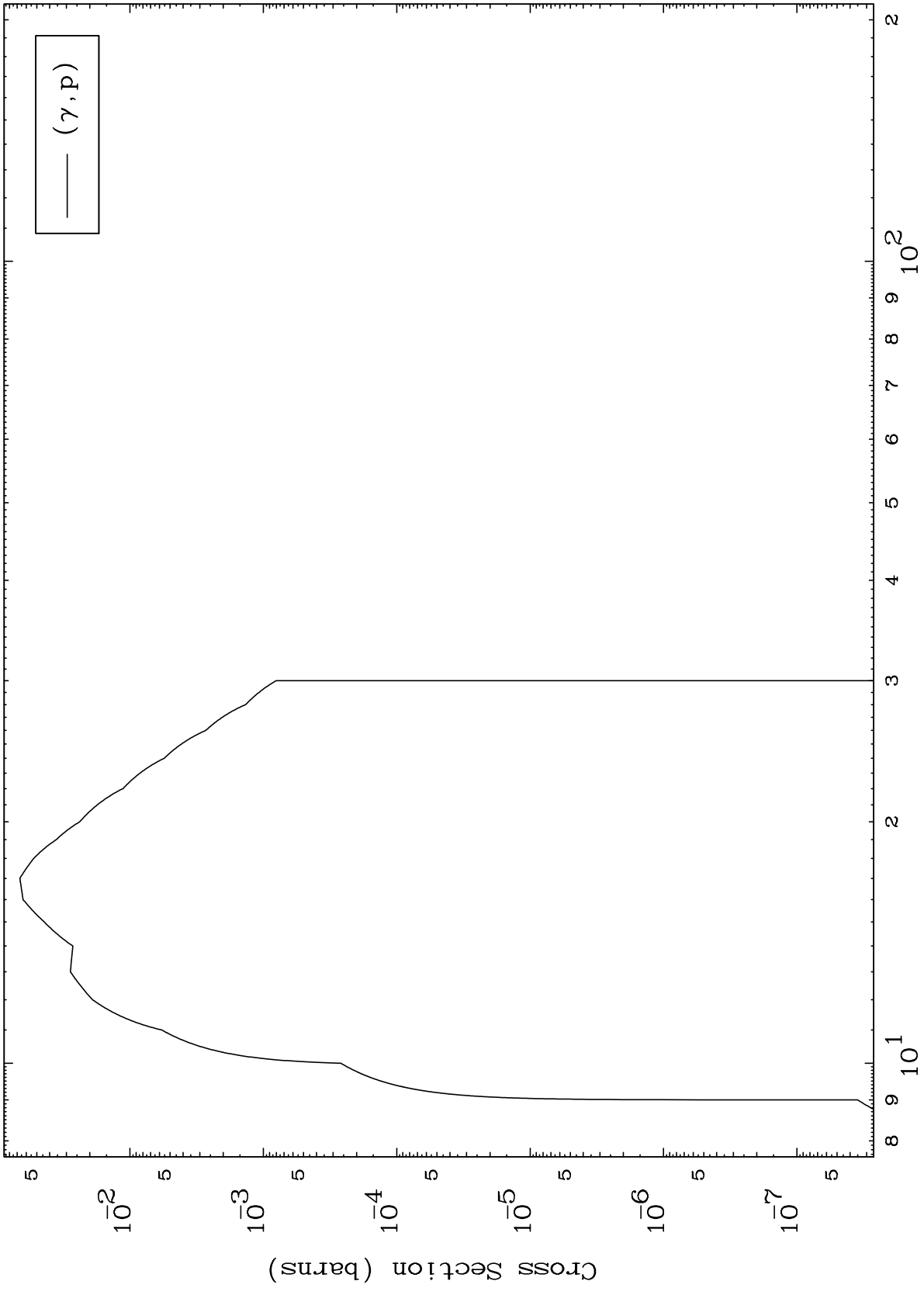
Incident Energy (MeV)

40-Zr-88

MAT 4019

(γ, p) Levels
0 Kelvin Cross Sections

40-Zr-88



6

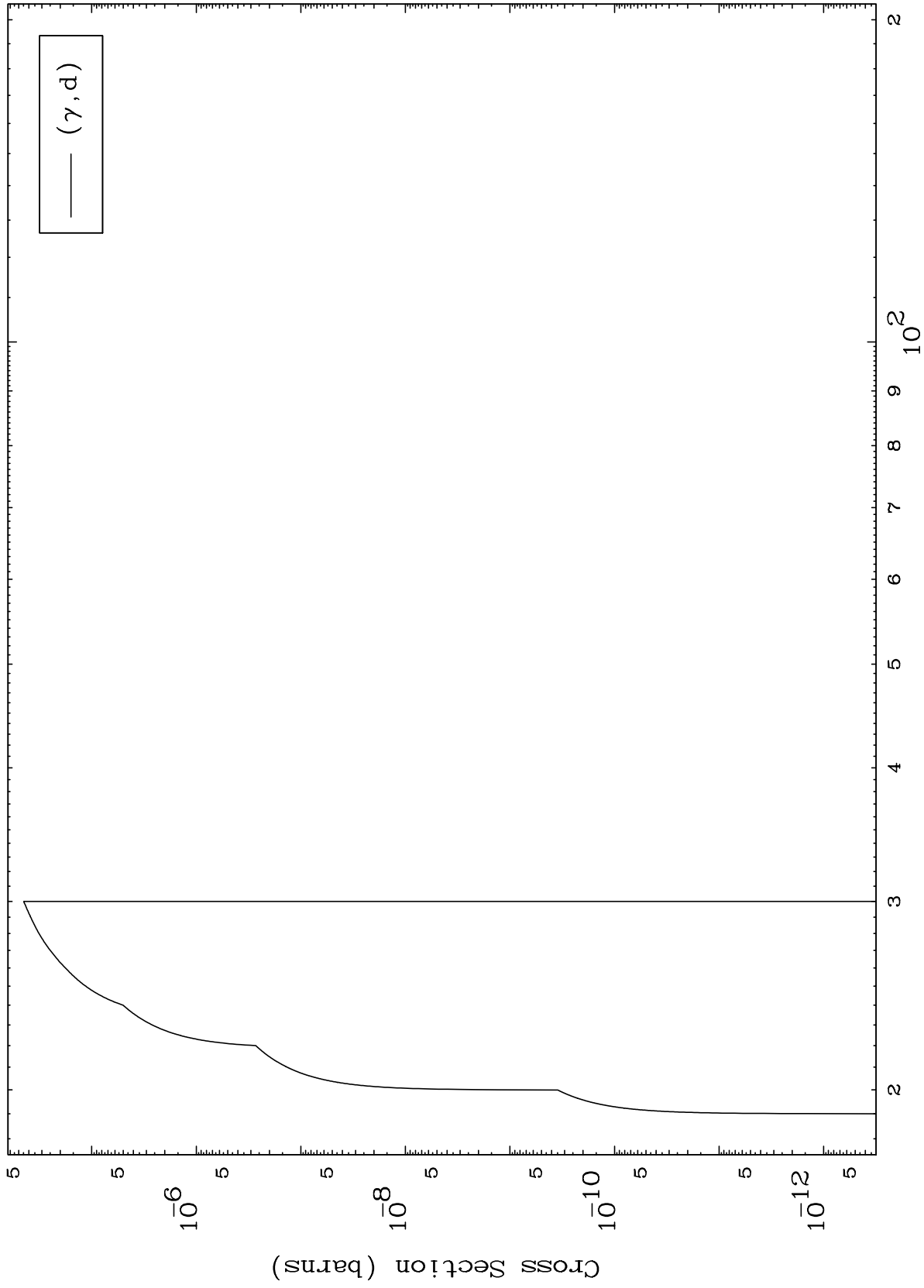
Incident Energy (MeV)

40-Zr-88

MAT 4019

(γ, d) Levels
0 Kelvin Cross Sections

40-Zr-88



7

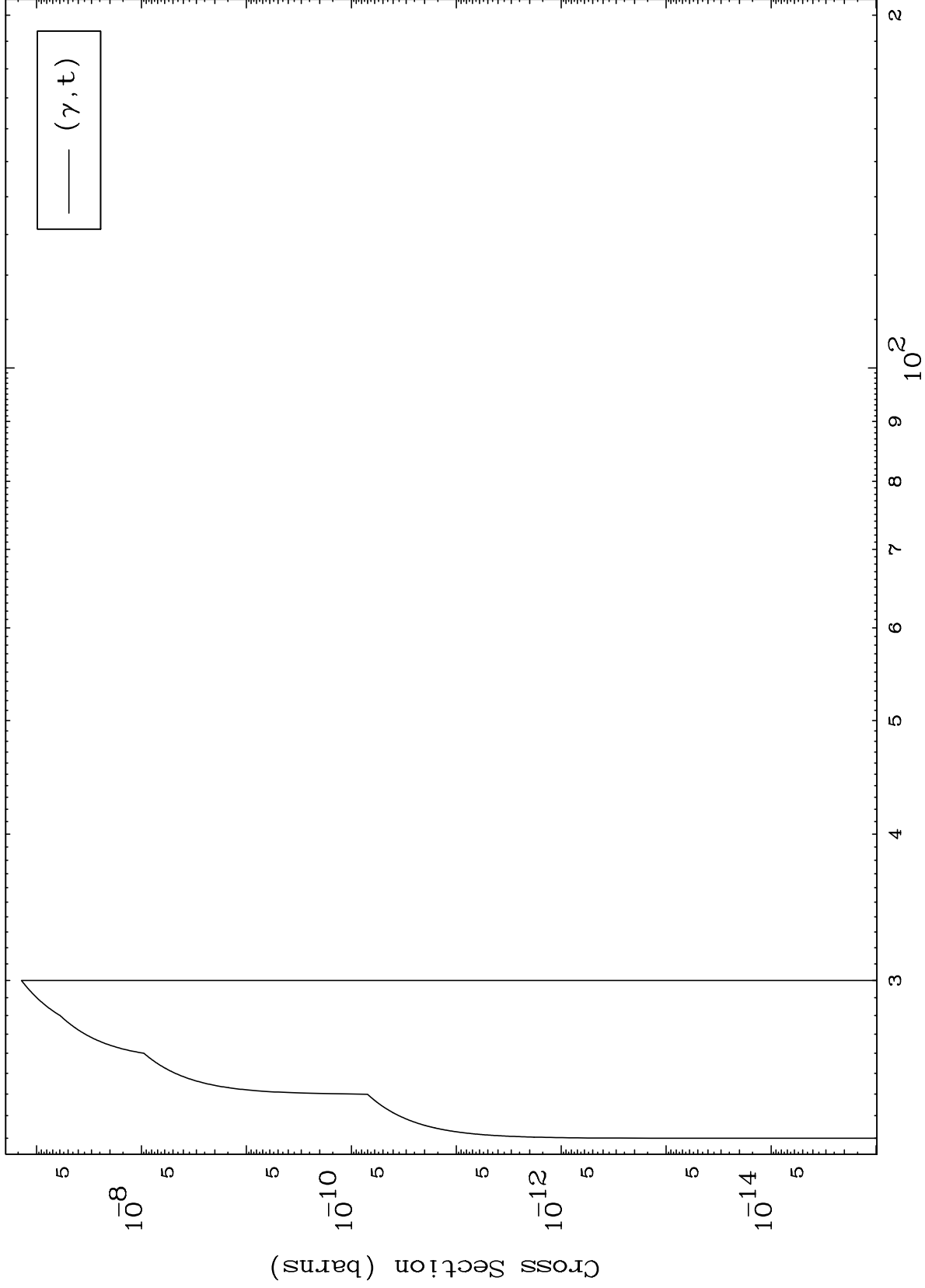
Incident Energy (MeV)

40-Zr-88

MAT 4019

(γ, t) Levels
0 Kelvin Cross Sections

40-Zr-88



8

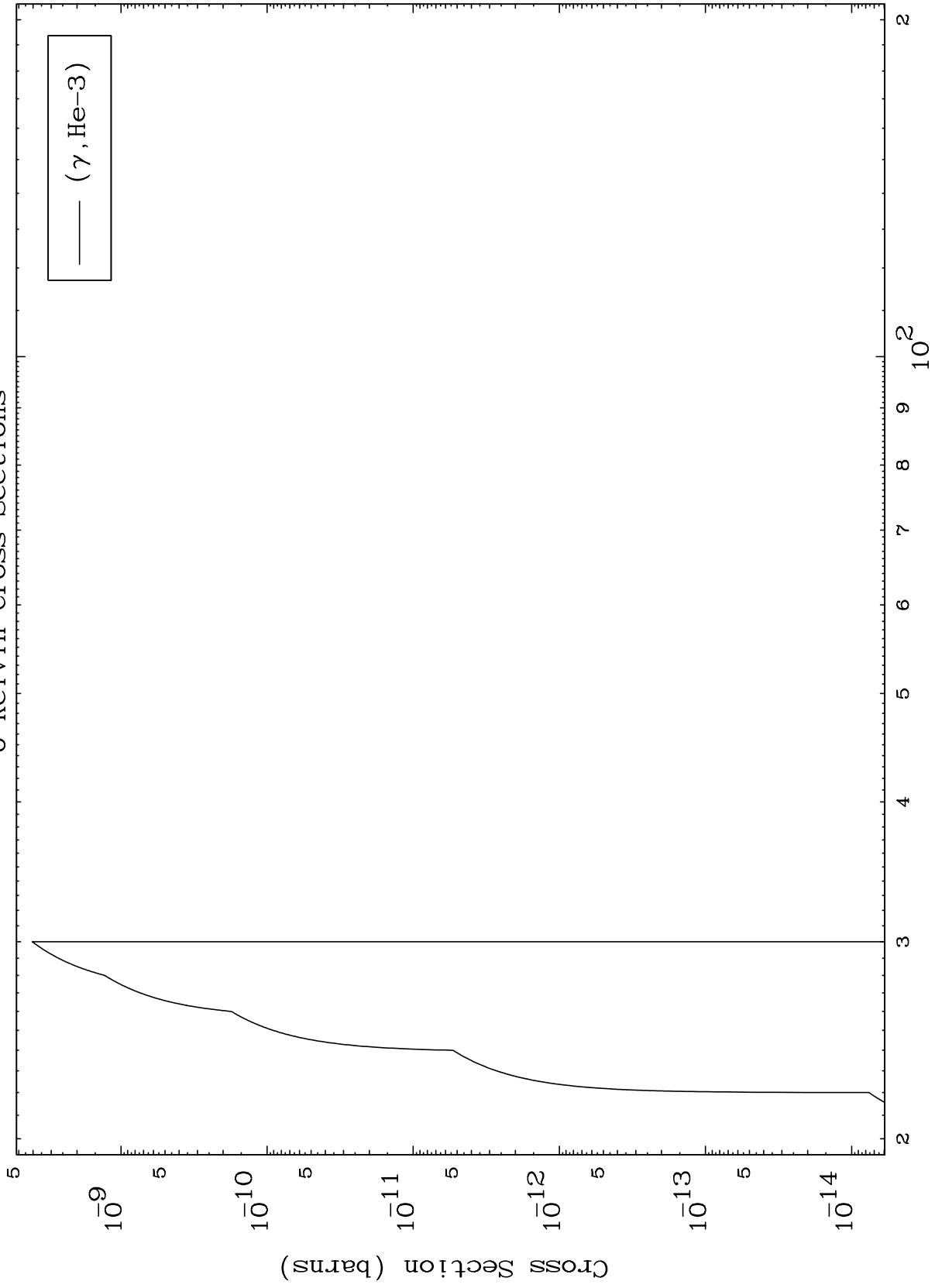
Incident Energy (MeV)

40-Zr-88

MAT 4019

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

40-Zr-88



9

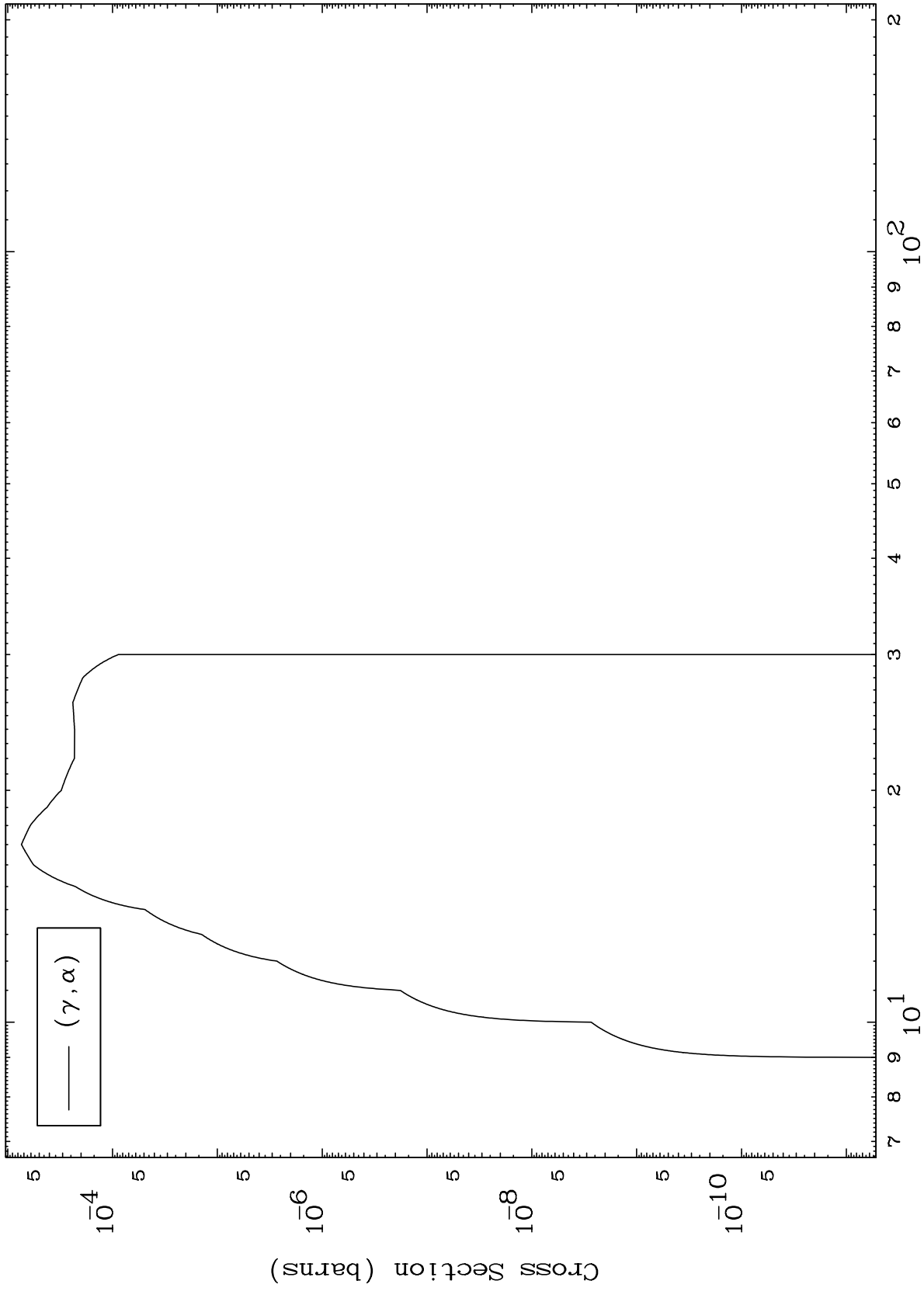
Incident Energy (MeV)

40-Zr-88

MAT 4019

(γ, α) Levels
0 Kelvin Cross Sections

40-Zr-88



10

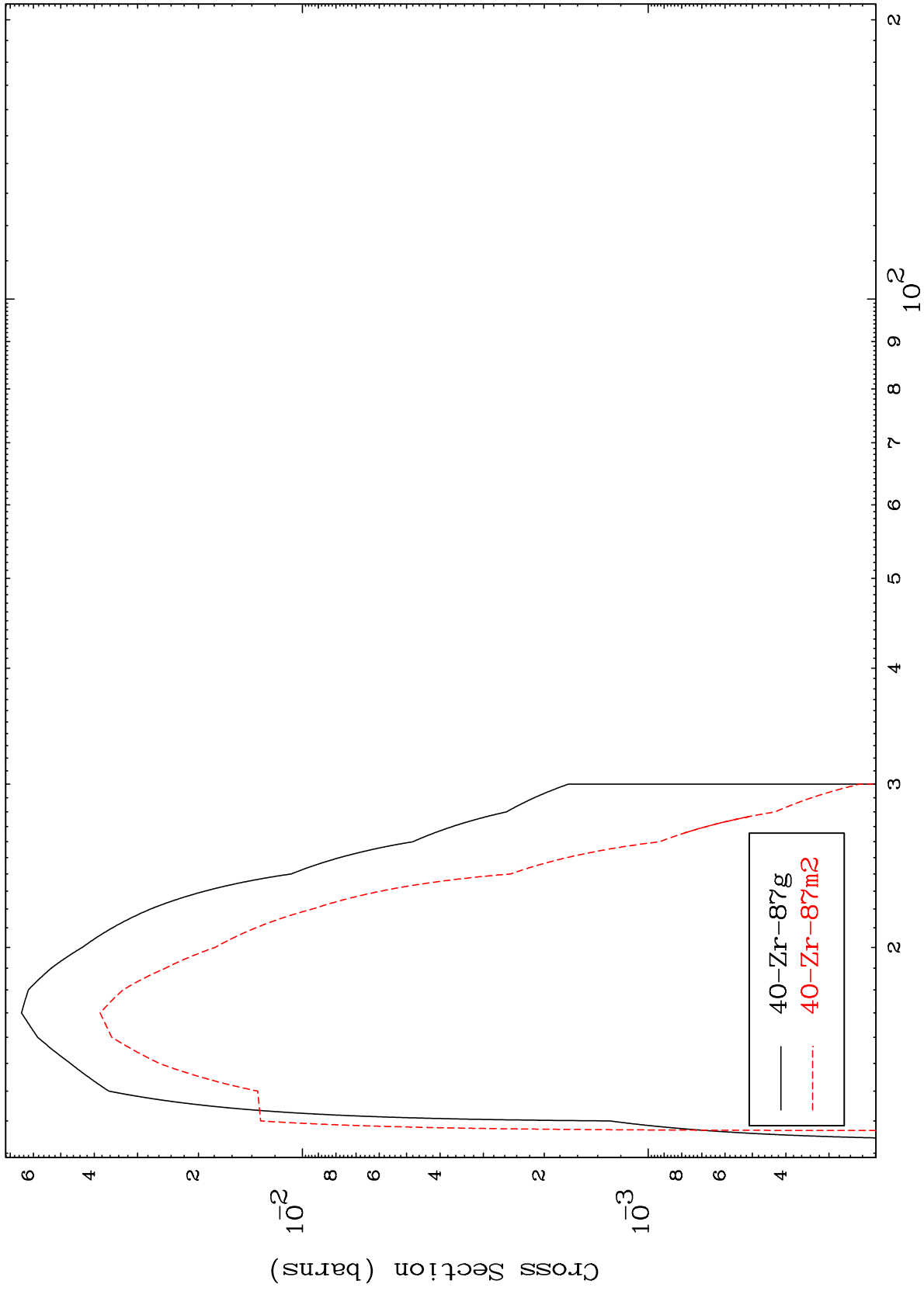
Incident Energy (MeV)

40-Zr-88

MAT 4019

Photon Inelastic
Radionuclide Production Cross Section

40-Zr-88



11

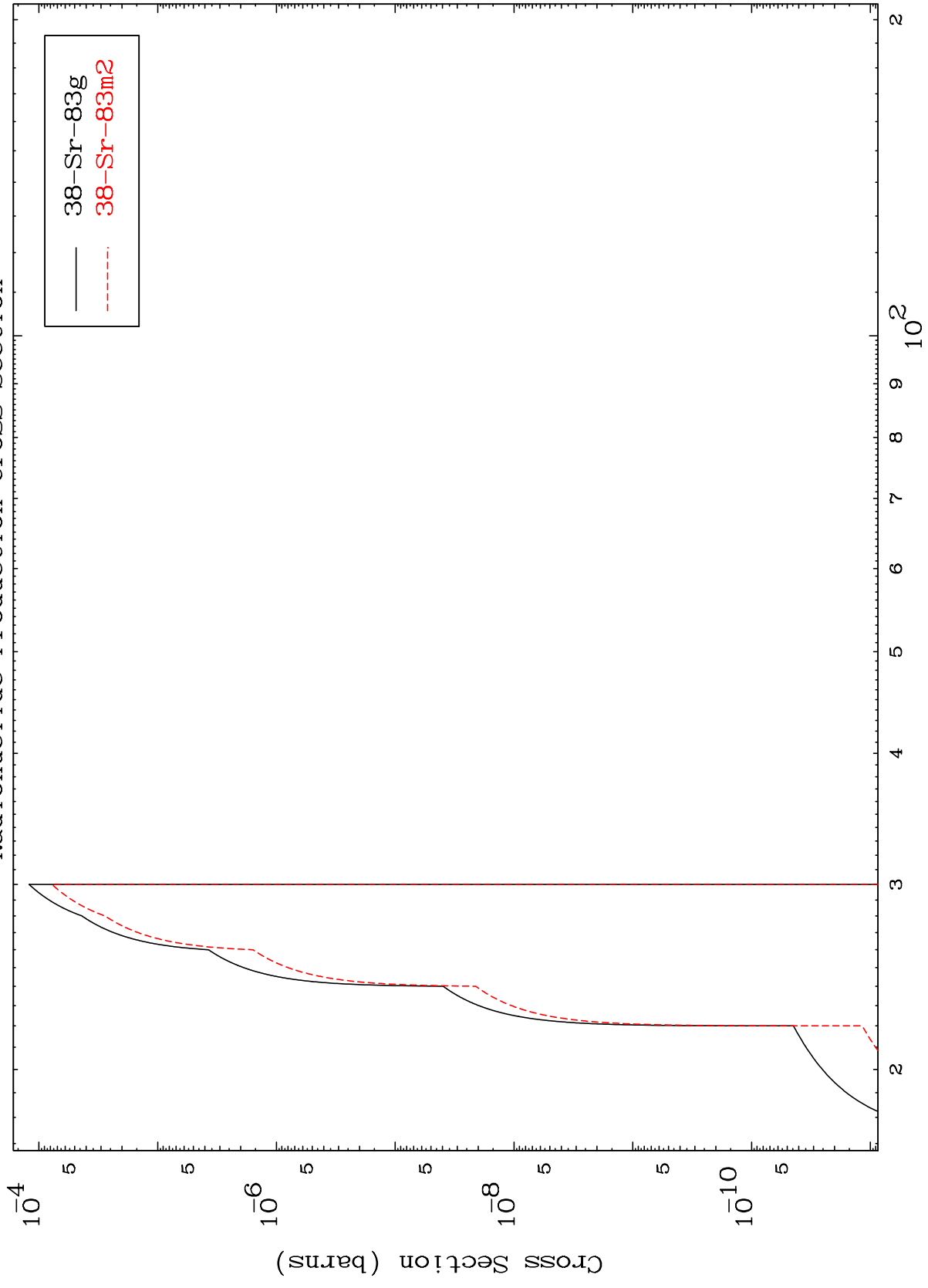
Incident Energy (MeV)

40-Zr-88

MAT 4019

40-Zr-88

(γ, n') α
Radionuclide Production Cross Section



12

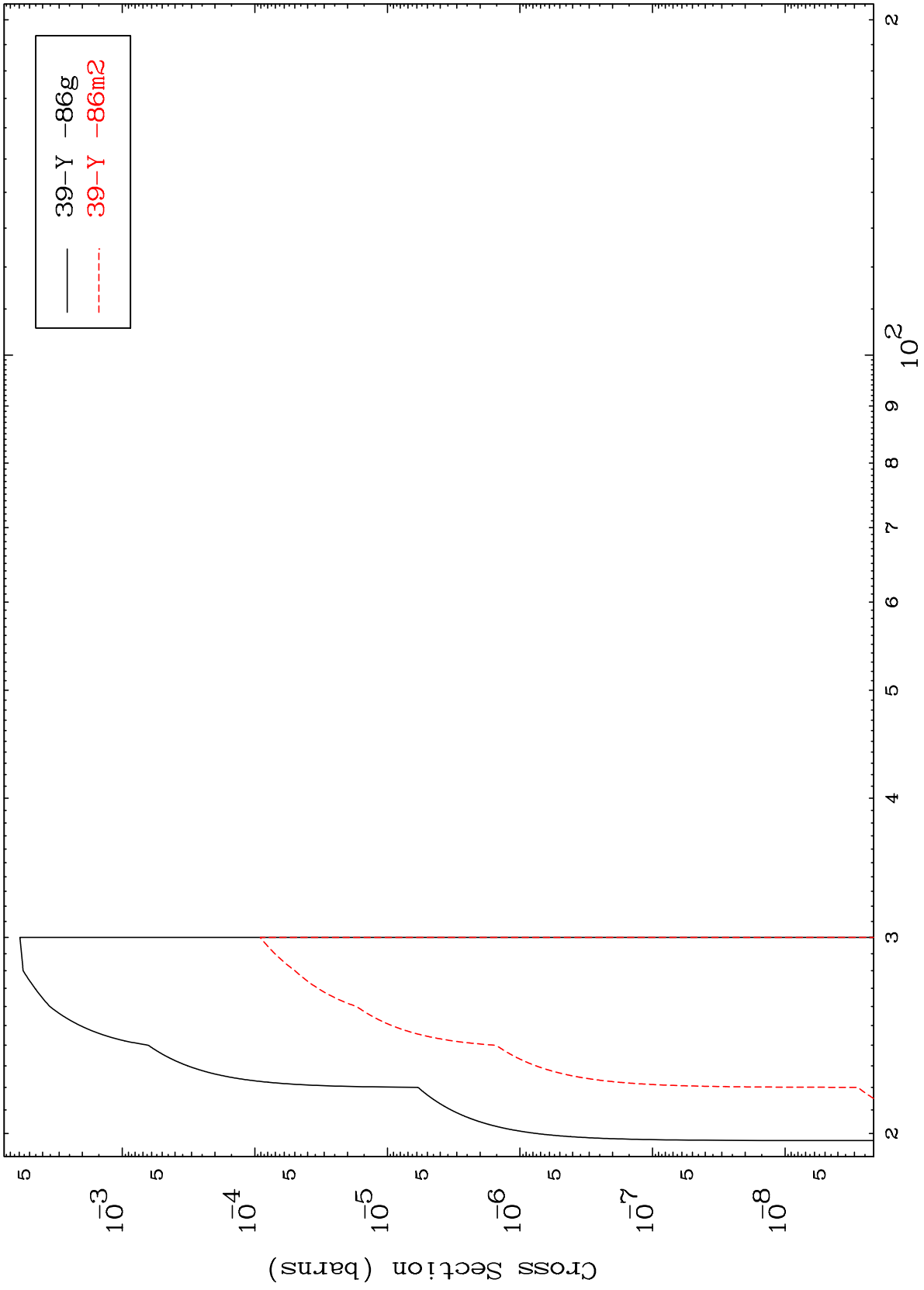
40-Zr-88

MAT 4019

(γ, n') p

40-Zr-88

Radionuclide Production Cross Section



13

Incident Energy (MeV)

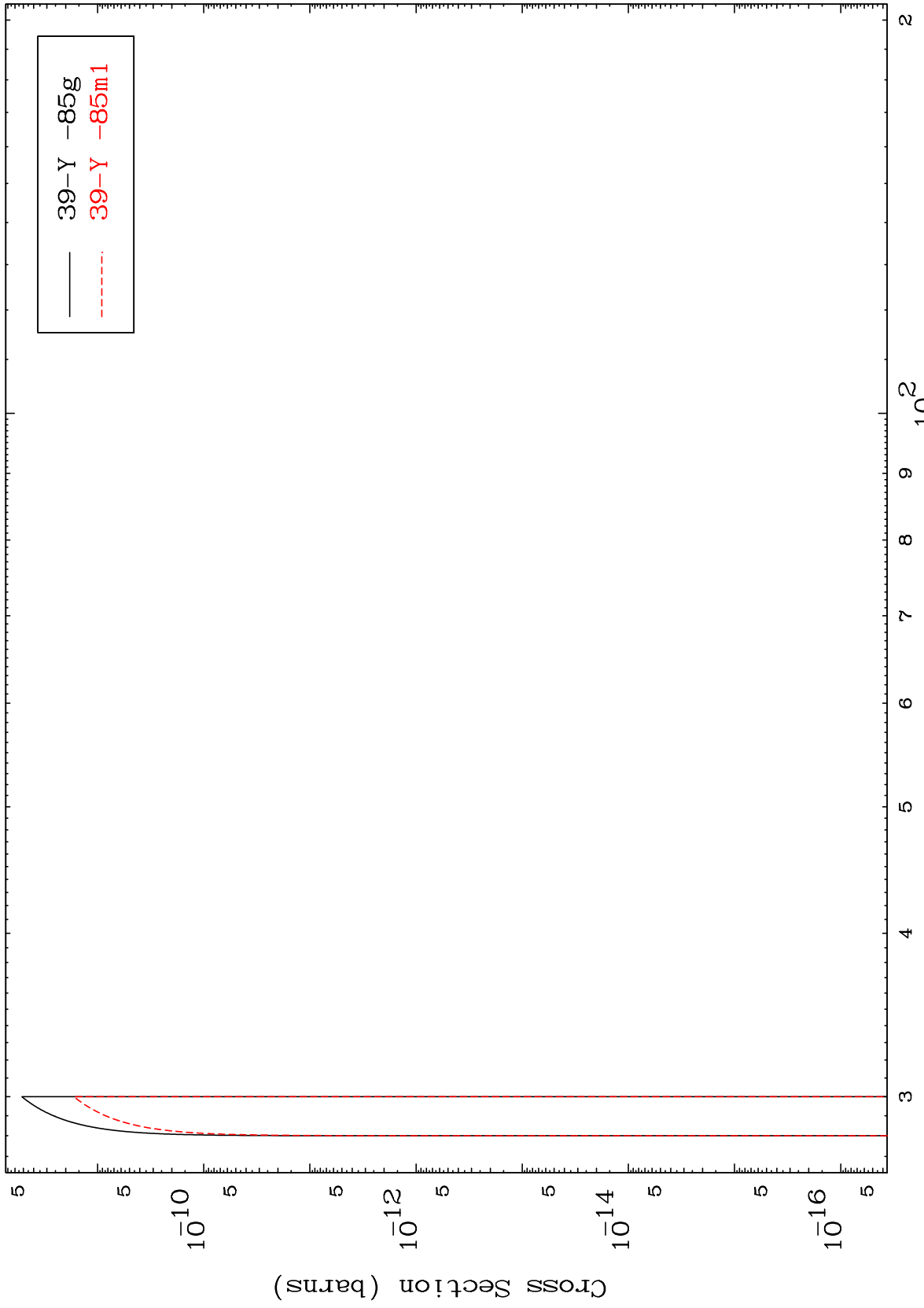
40-Zr-88

MAT 4019

(γ, n') d

40-Zr-88

Radionuclide Production Cross Section



14

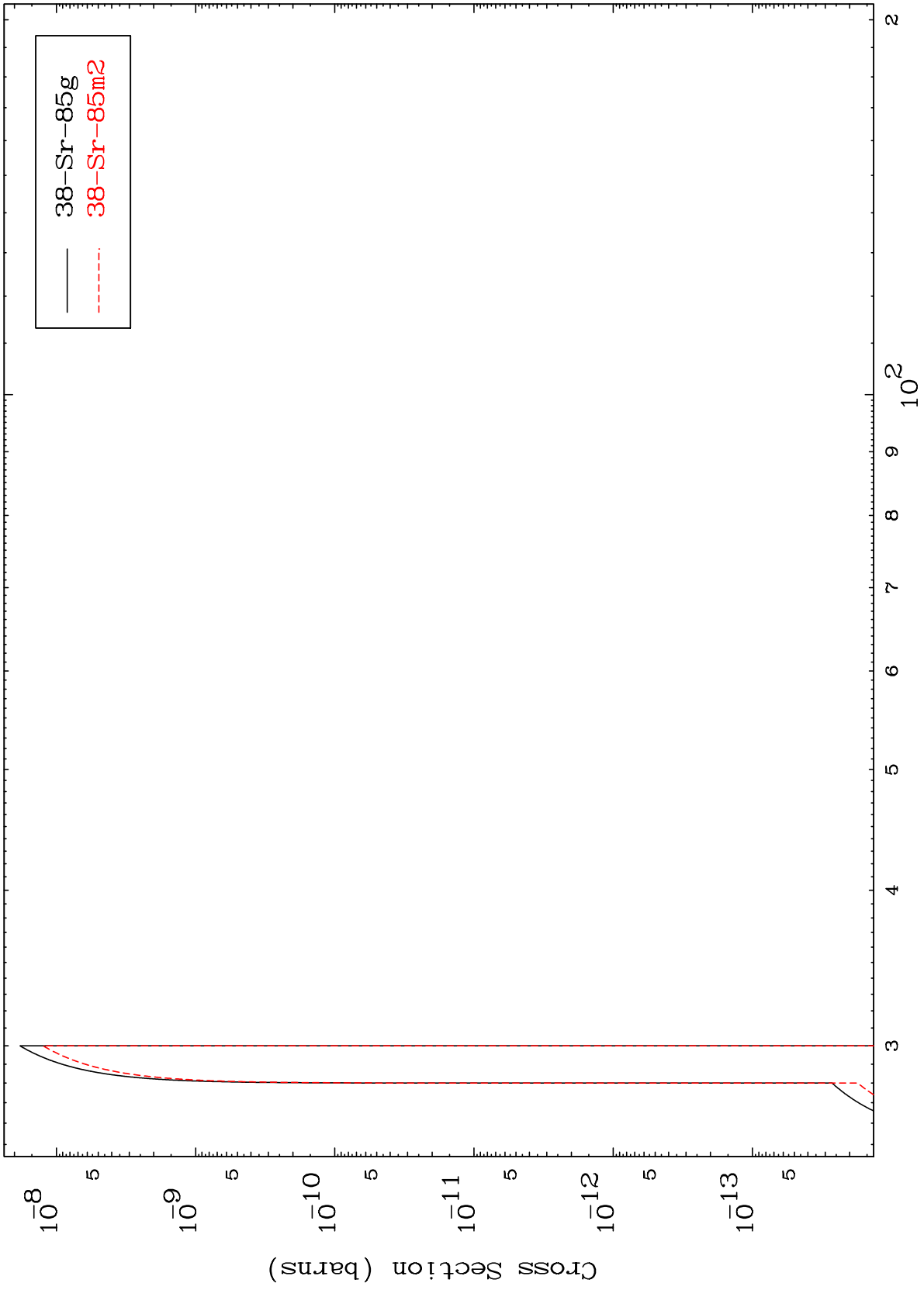
Incident Energy (MeV)

40-Zr-88

MAT 4019

40-Zr-88

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



15

Incident Energy (MeV)

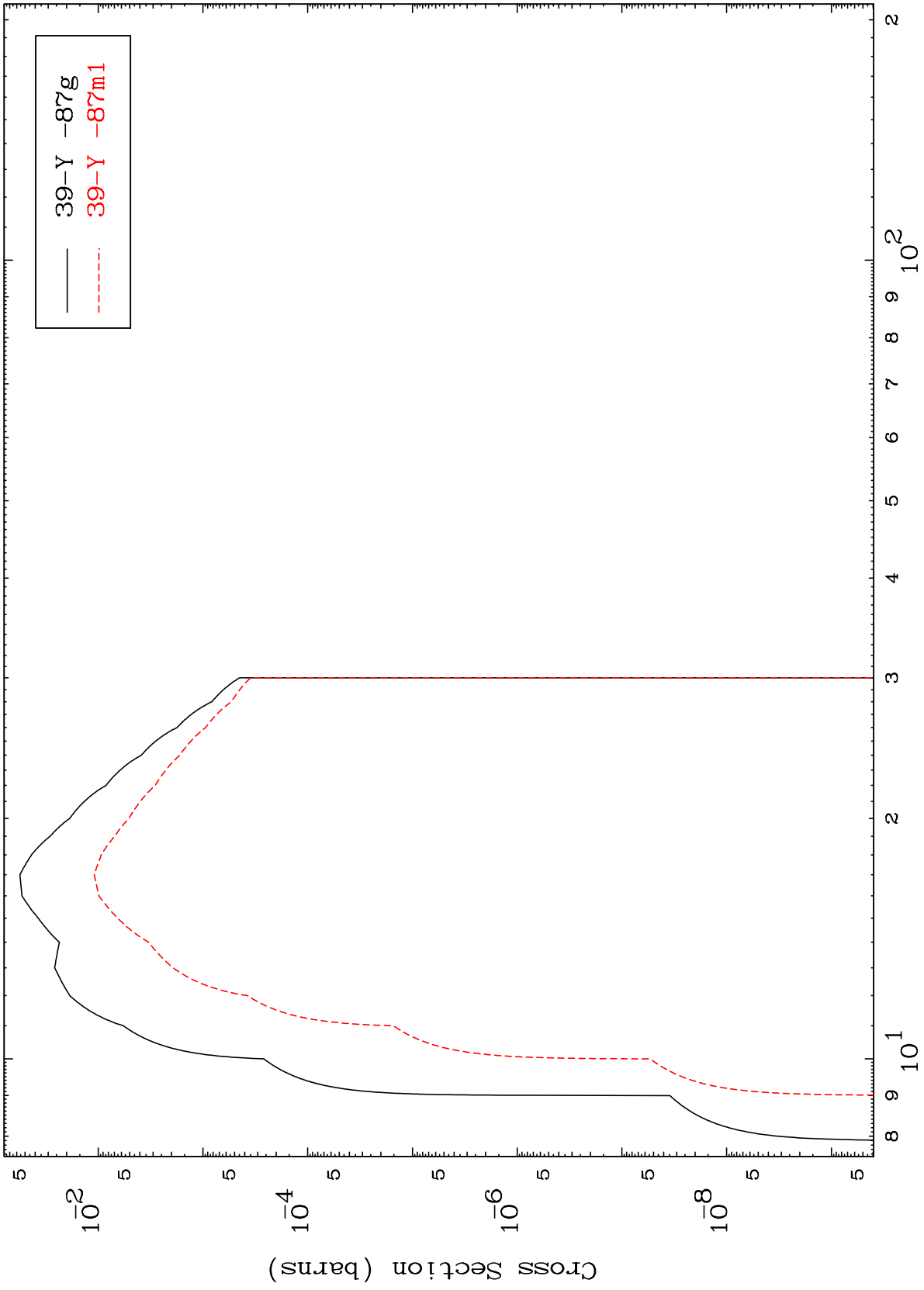
40-Zr-88

MAT 4019

40-Zr-88

Radionuclide Production Cross Section

(γ, p)



16

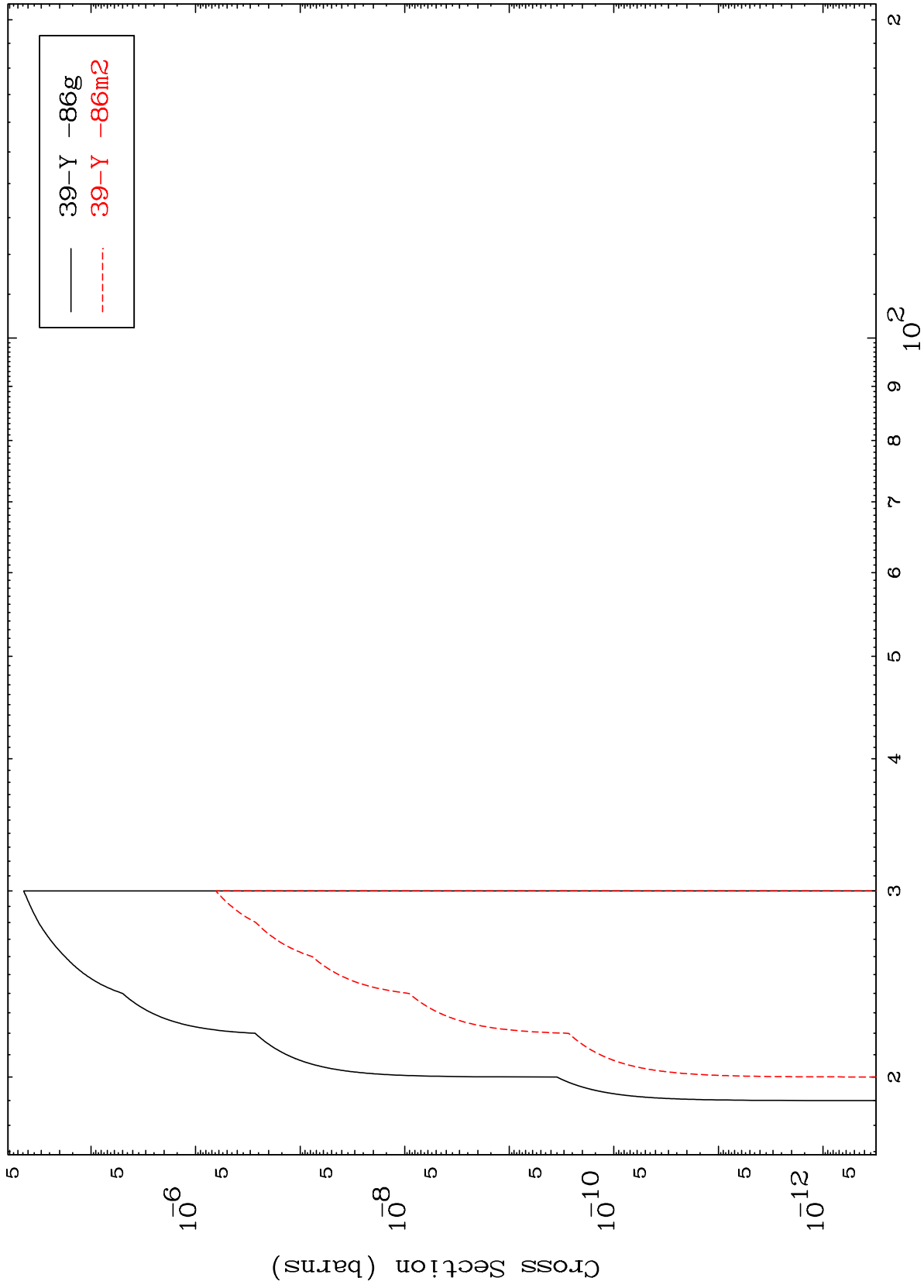
Incident Energy (MeV)

40-Zr-88

MAT 4019

40-Zr-88

(γ, d)
Radionuclide Production Cross Section



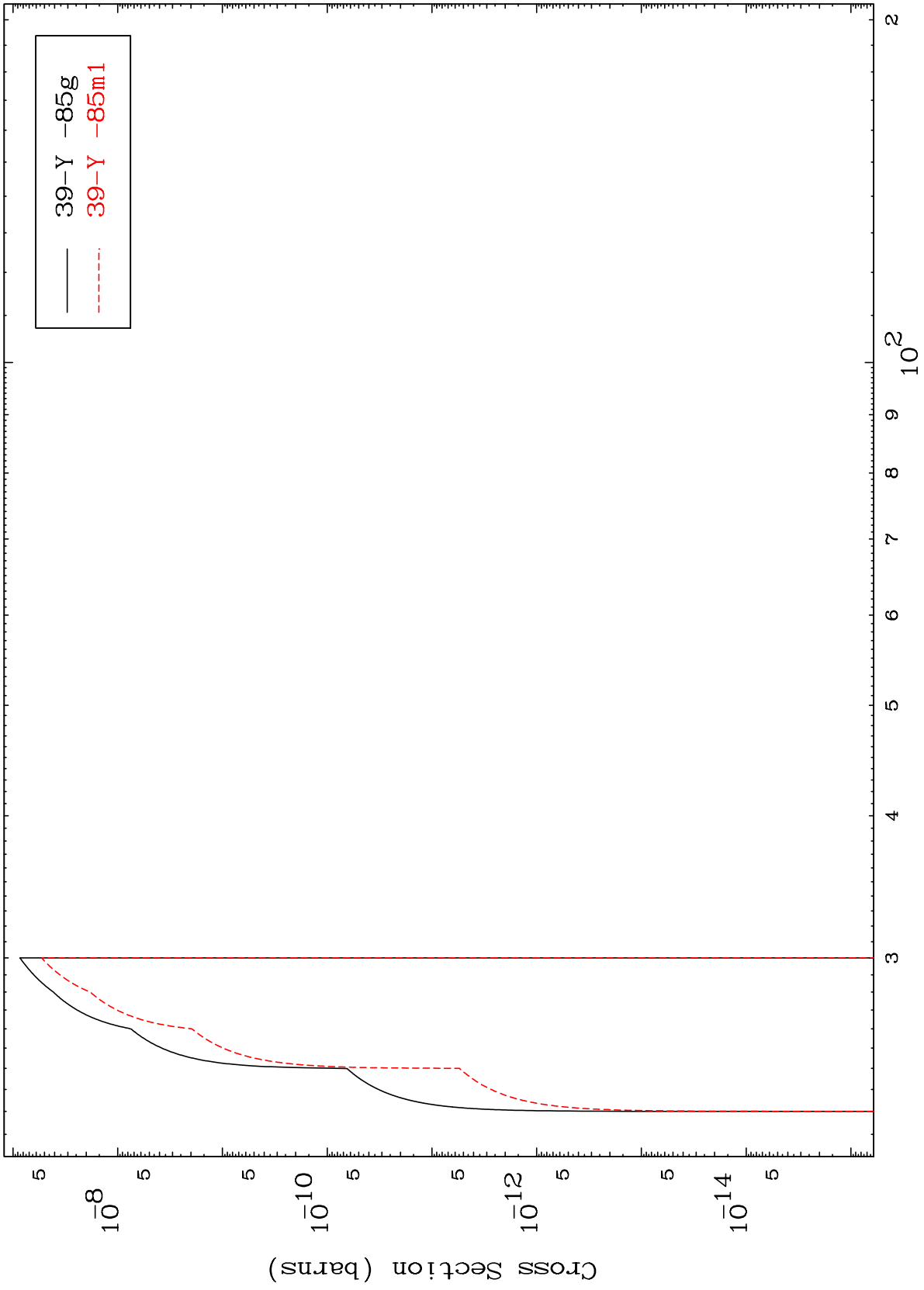
17

40-Zr-88

MAT 4019

40-Zr-88

(γ, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

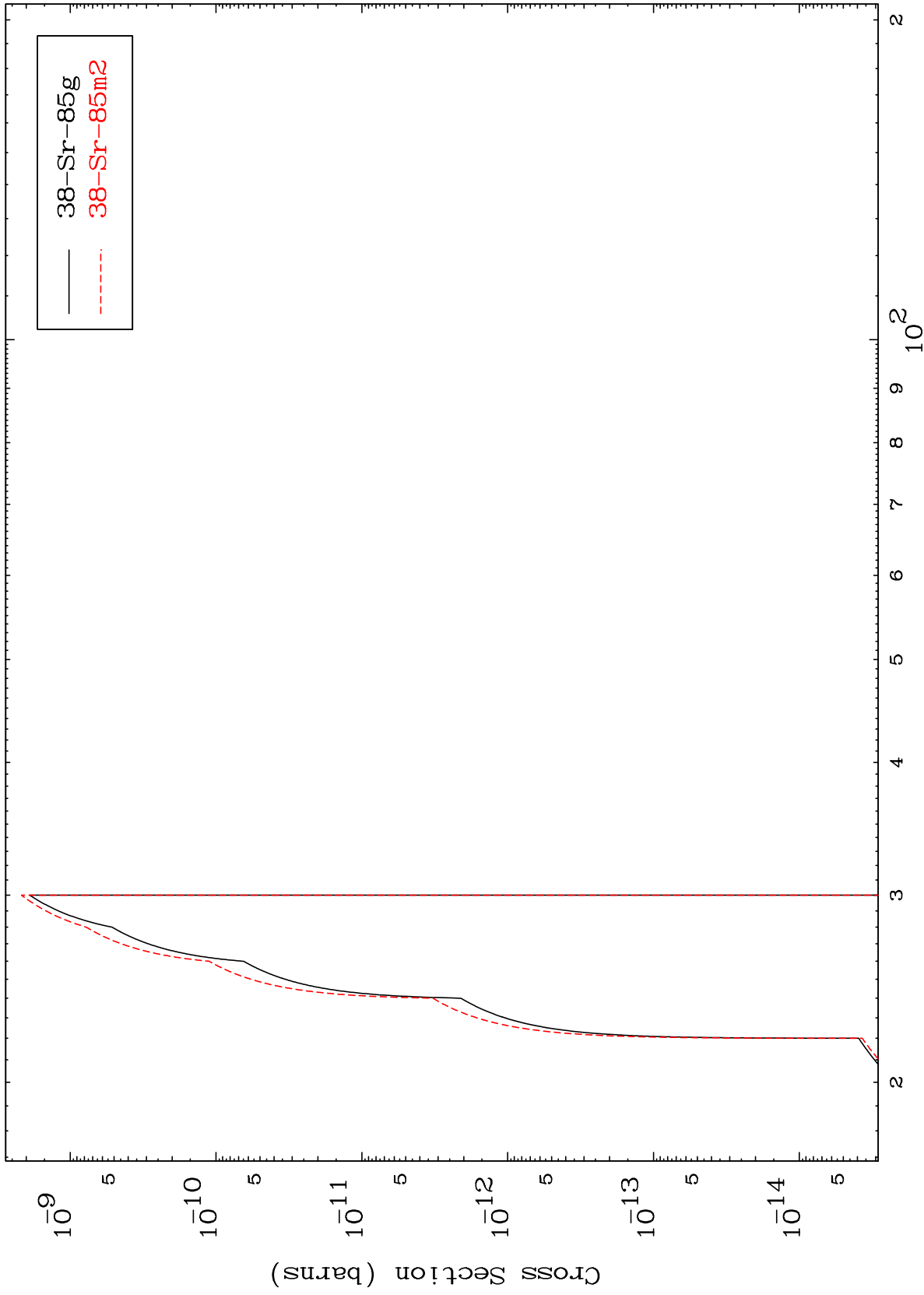
40-Zr-88

MAT 4019

($\gamma, \text{He-3}$)

40-Zr-88

Radionuclide Production Cross Section



19

Incident Energy (MeV)

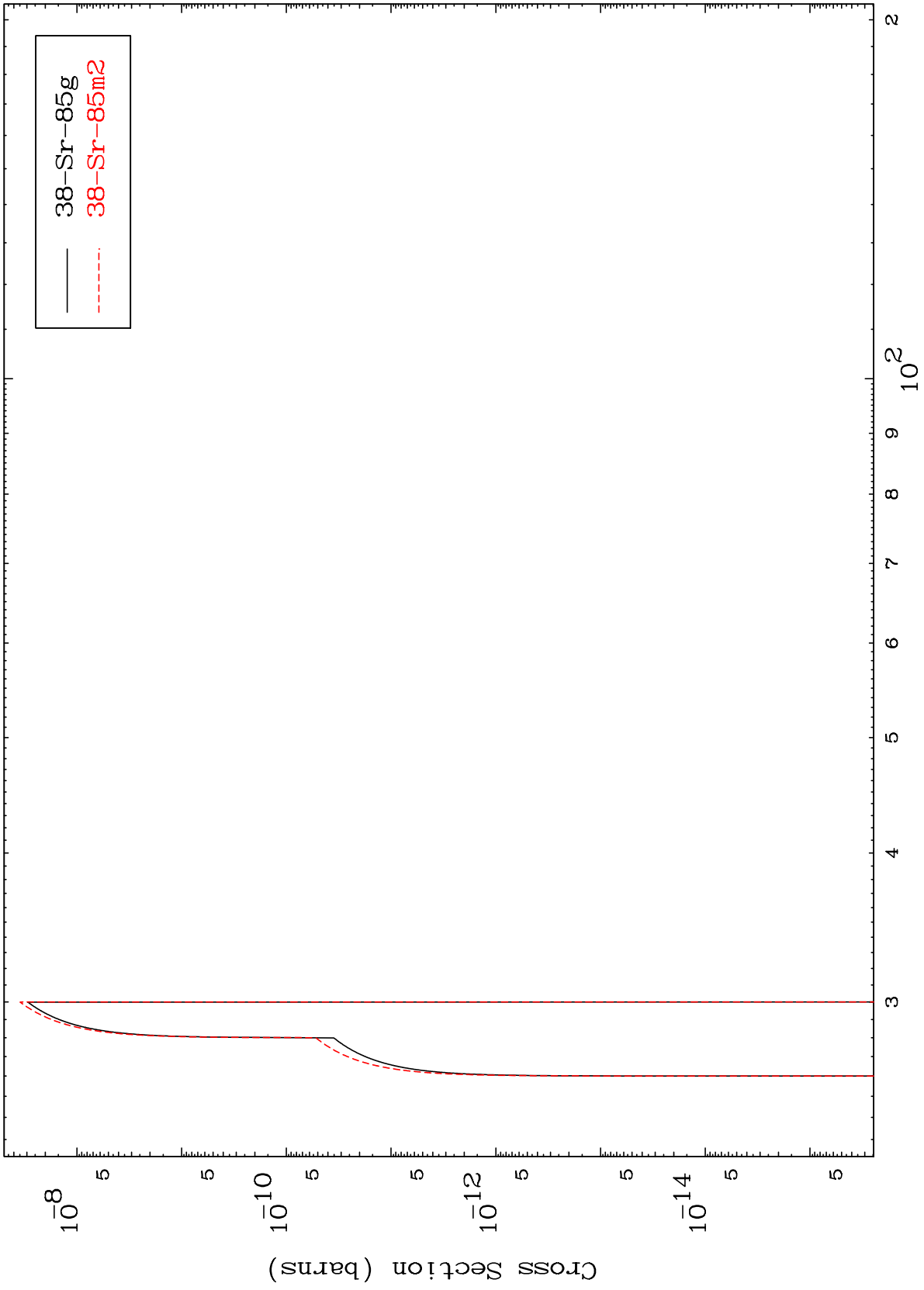
40-Zr-88

MAT 4019

(γ, p) d

40-Zr-88

Radionuclide Production Cross Section



20

Incident Energy (MeV)

40-Zr-88