

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

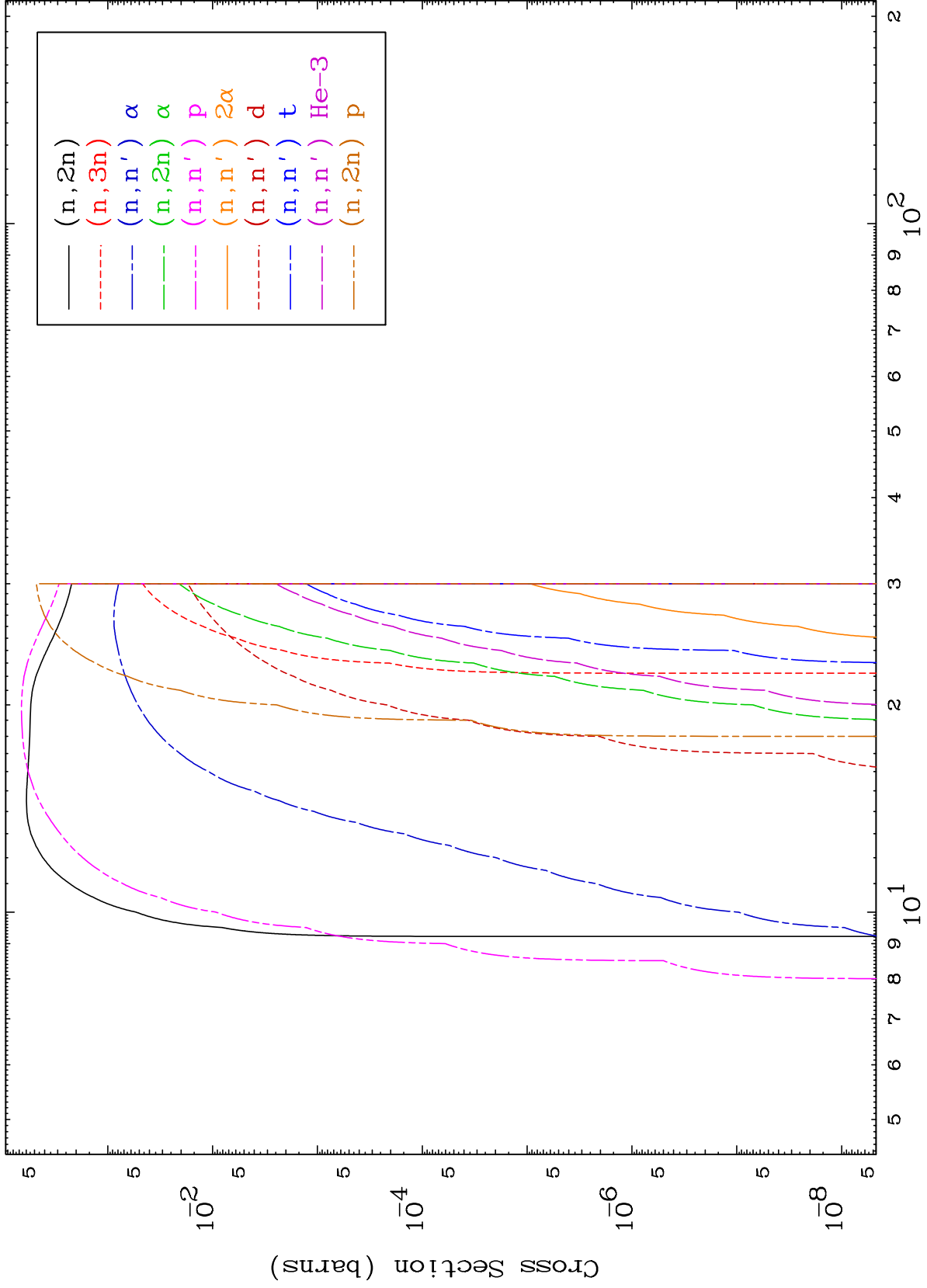
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Web:redcullen1.net/HOMEPAGE.NEW

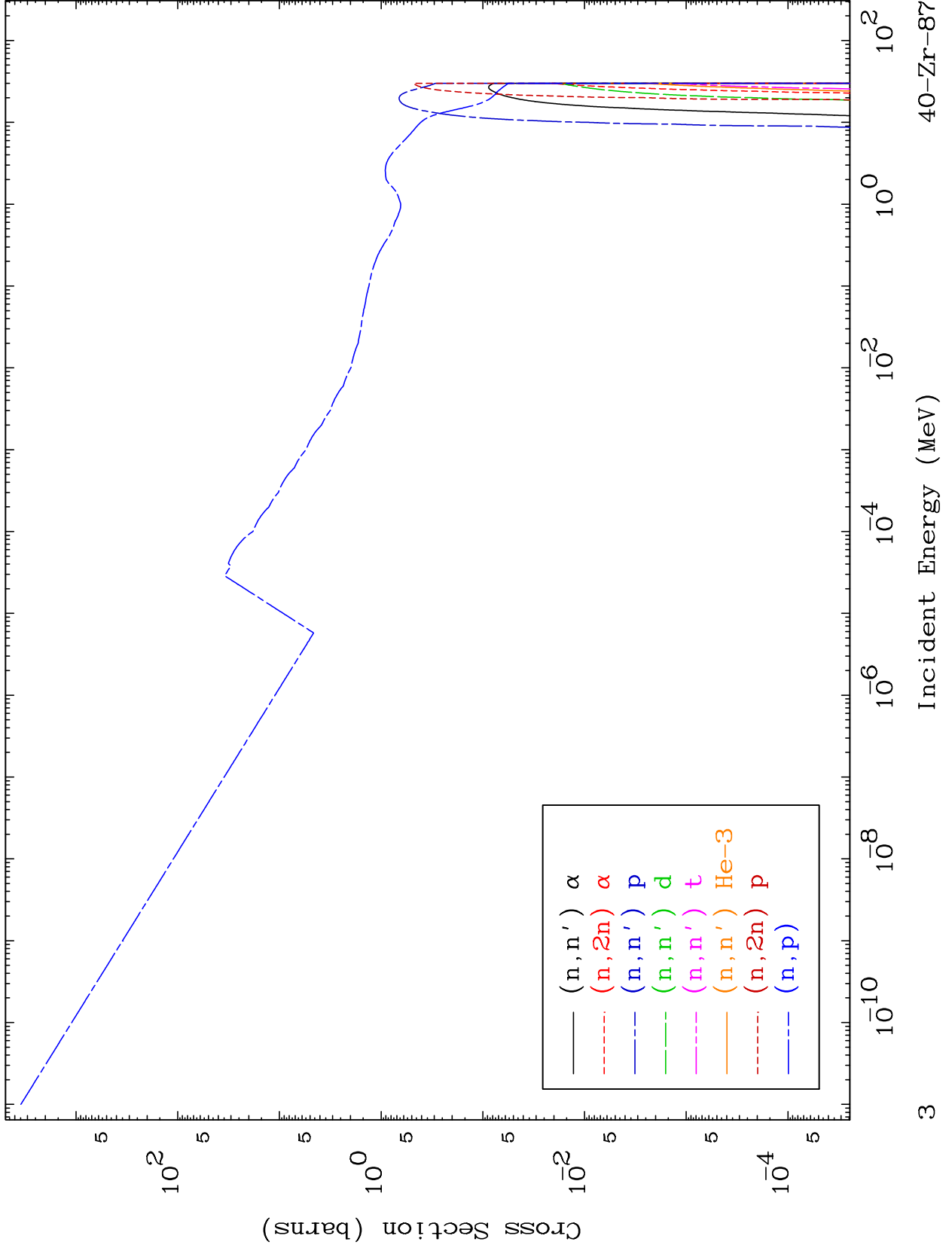
Press Mouse Button to Start

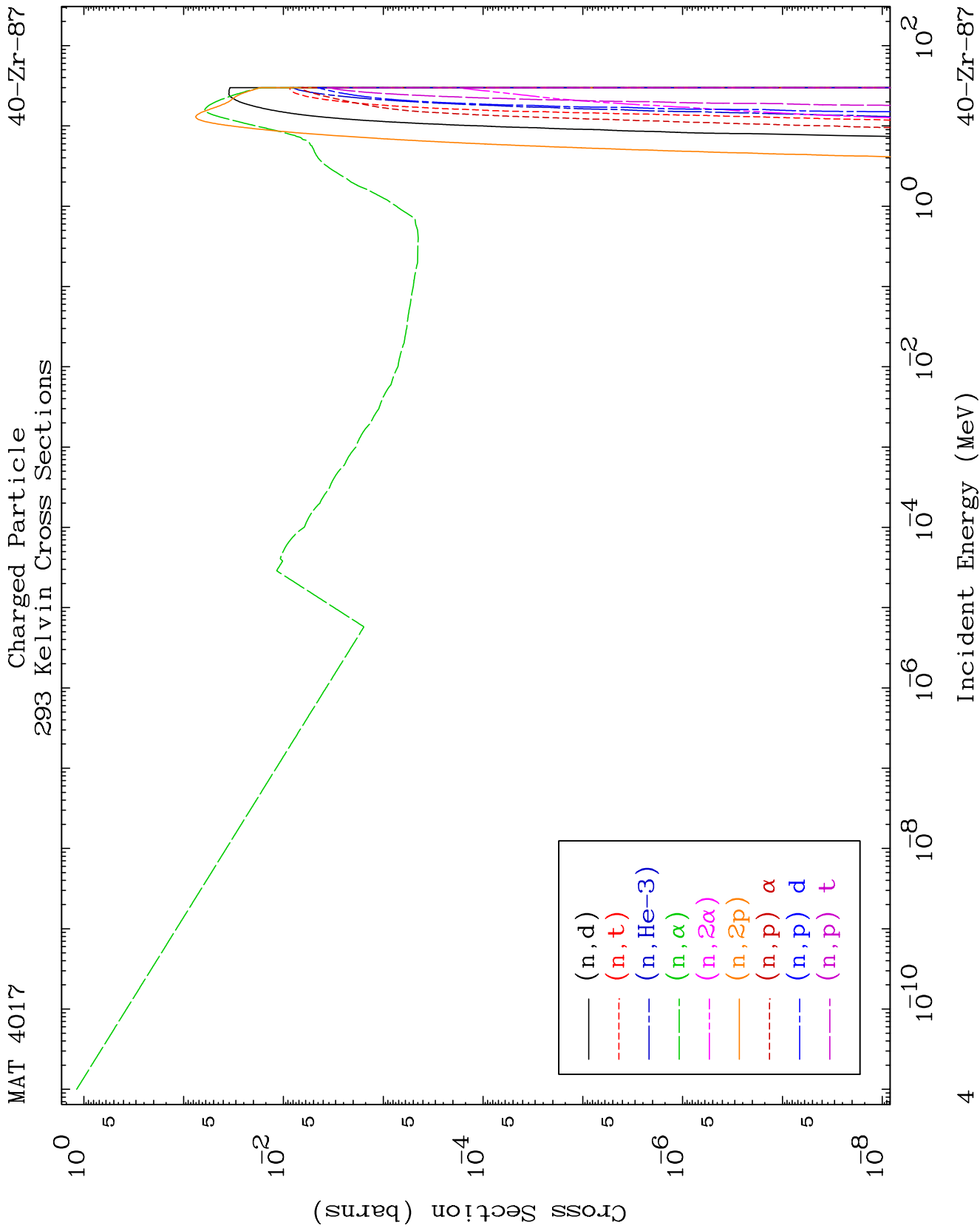


MAT 4017

Charged Particle
293 Kelvin Cross Sections

40-Zr-87

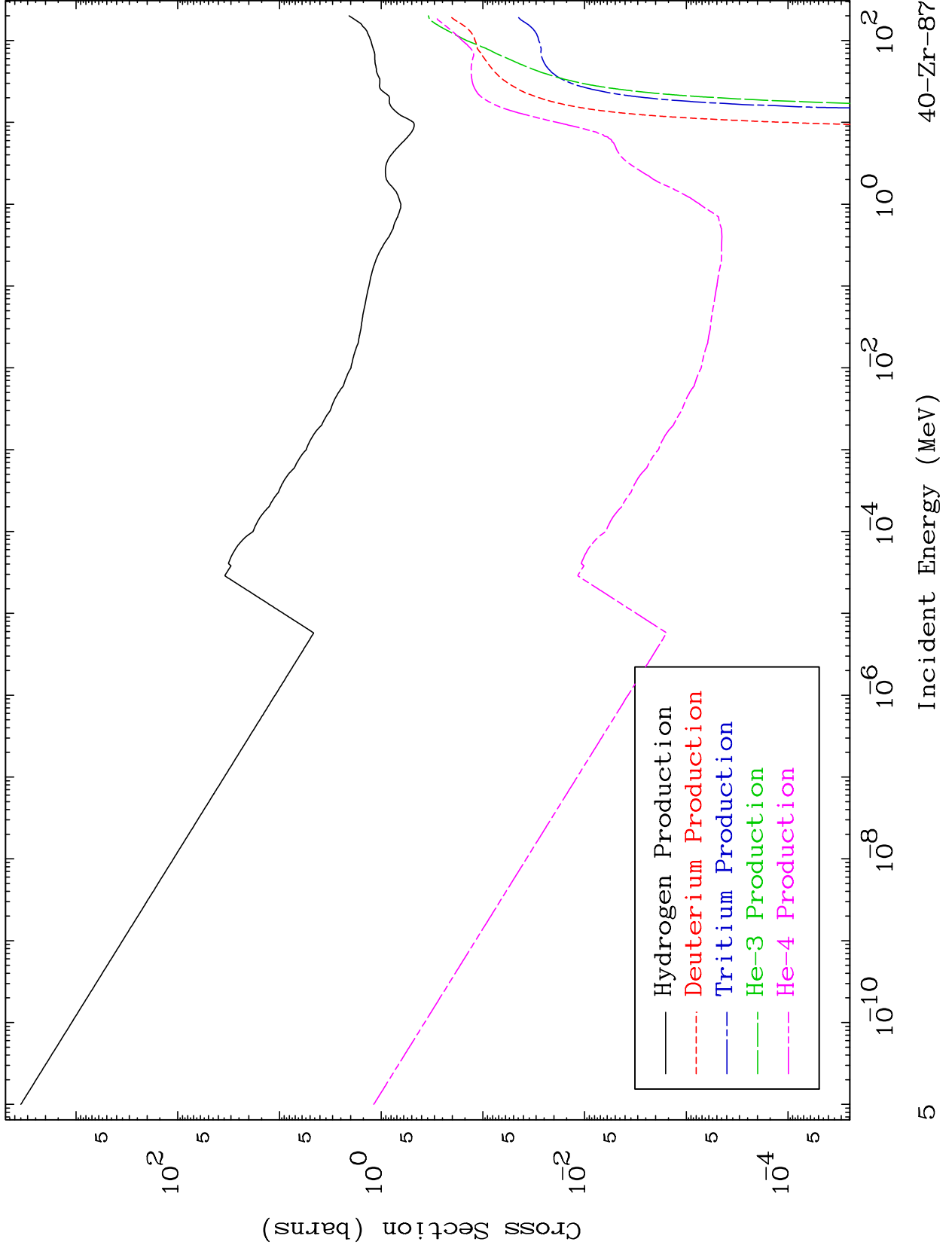




MAT 4017

Particle Production
293 Kelvin Cross Sections

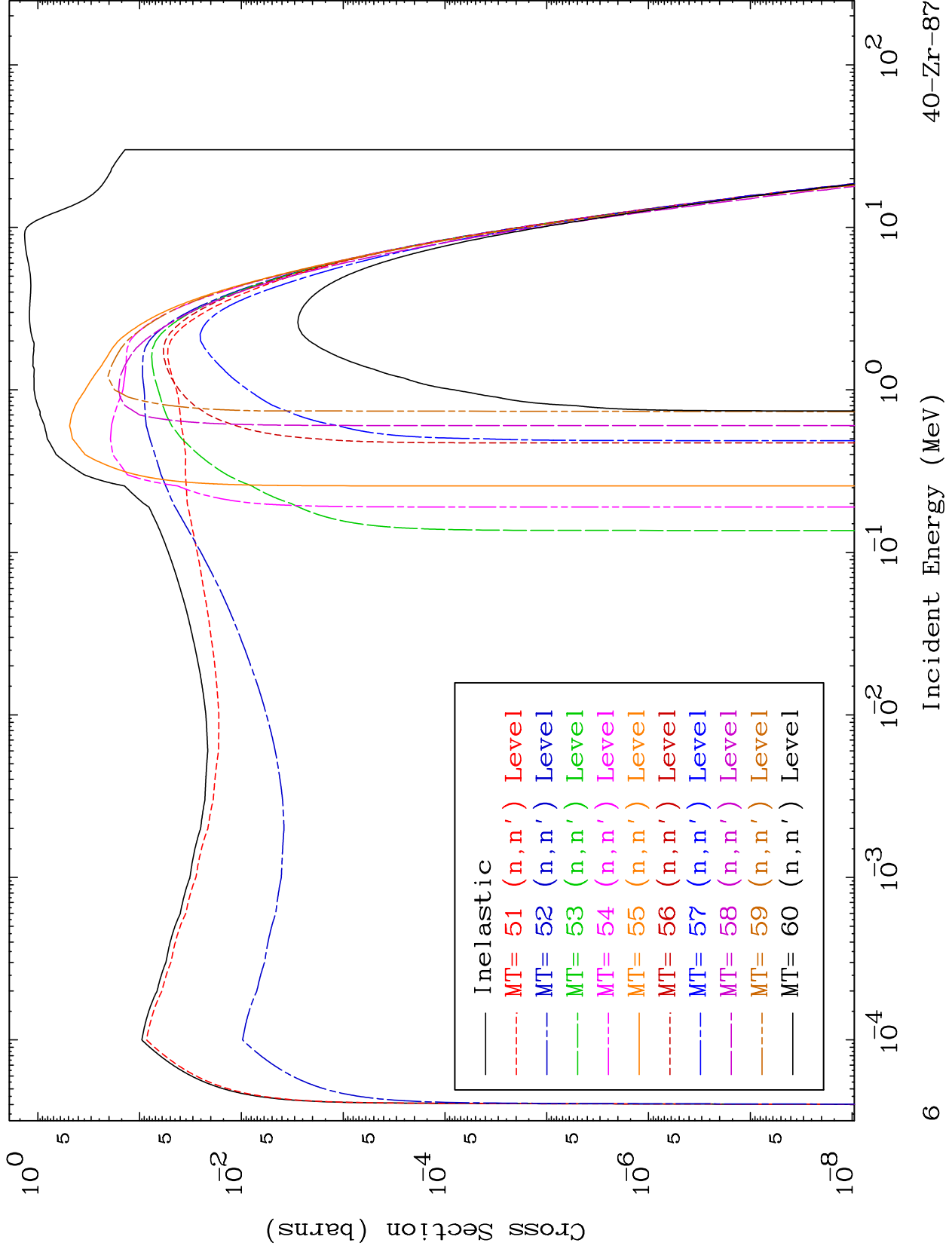
40-Zr-87



MAT 4017

(n,n') Level
293 Kelvin Cross Sections

40-Zr-87

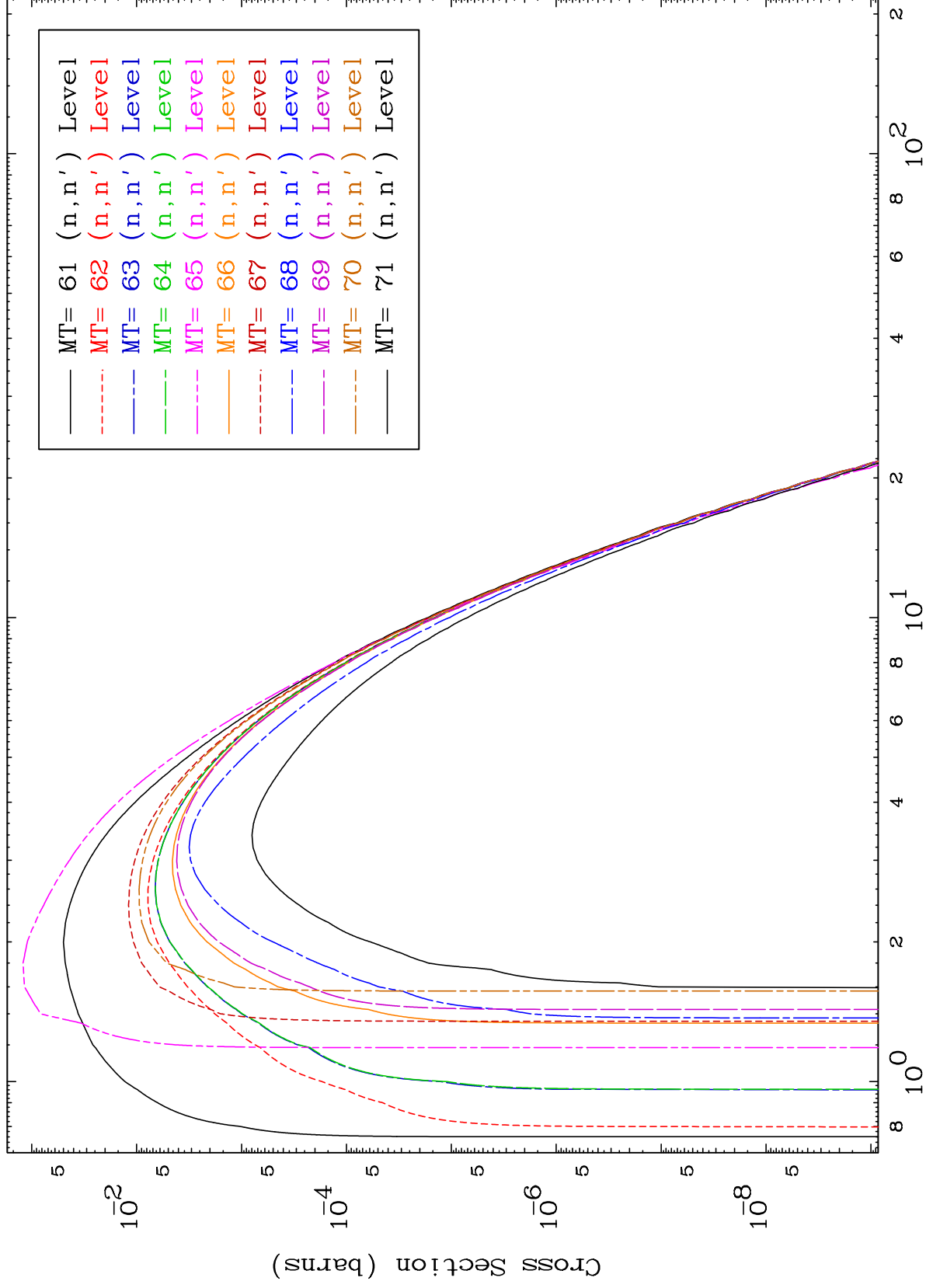


MAT 4017

(n,n') Level

40-Zr-87

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-87

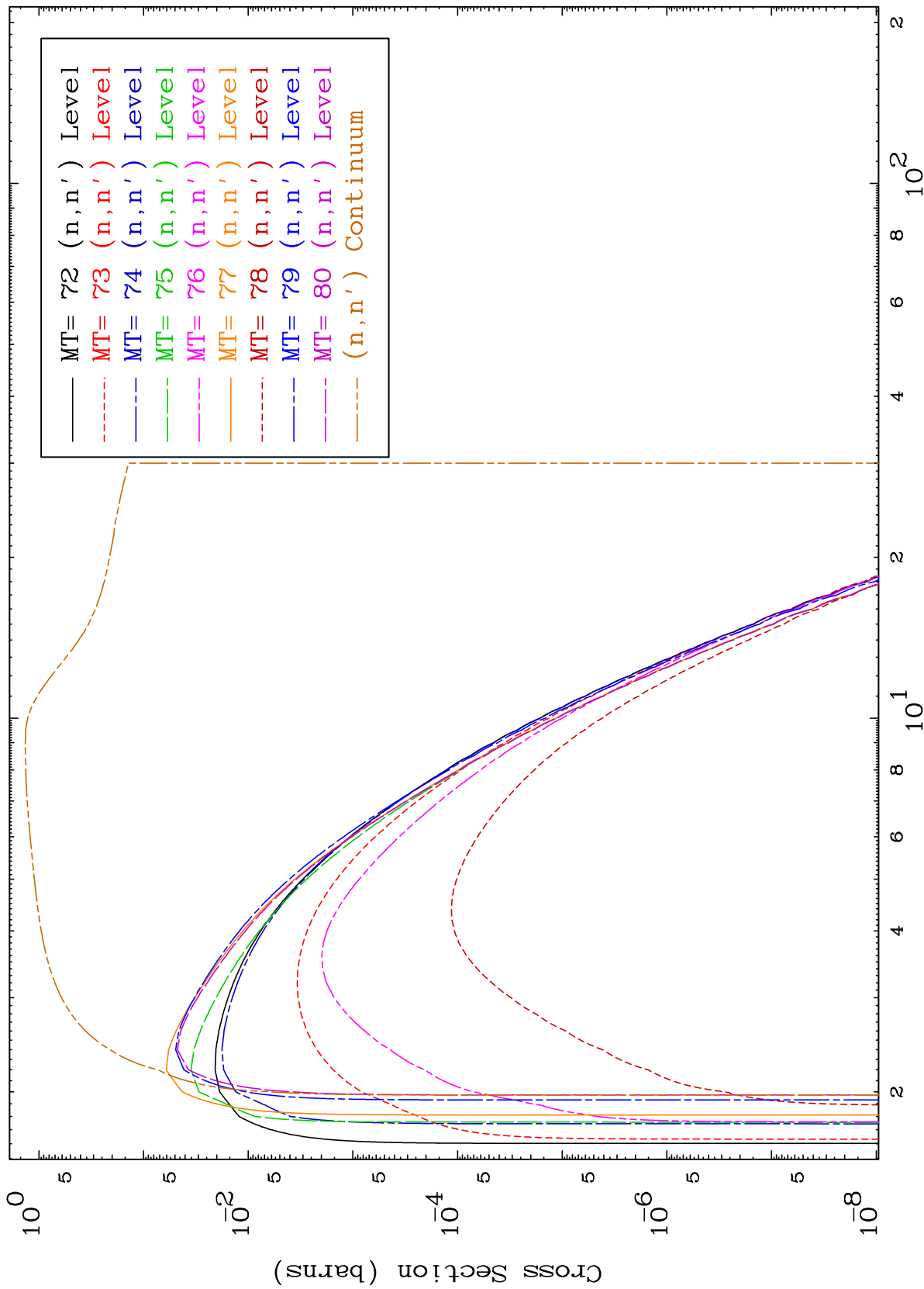
7

MAT 4017

(n,n') Level

40-Zr-87

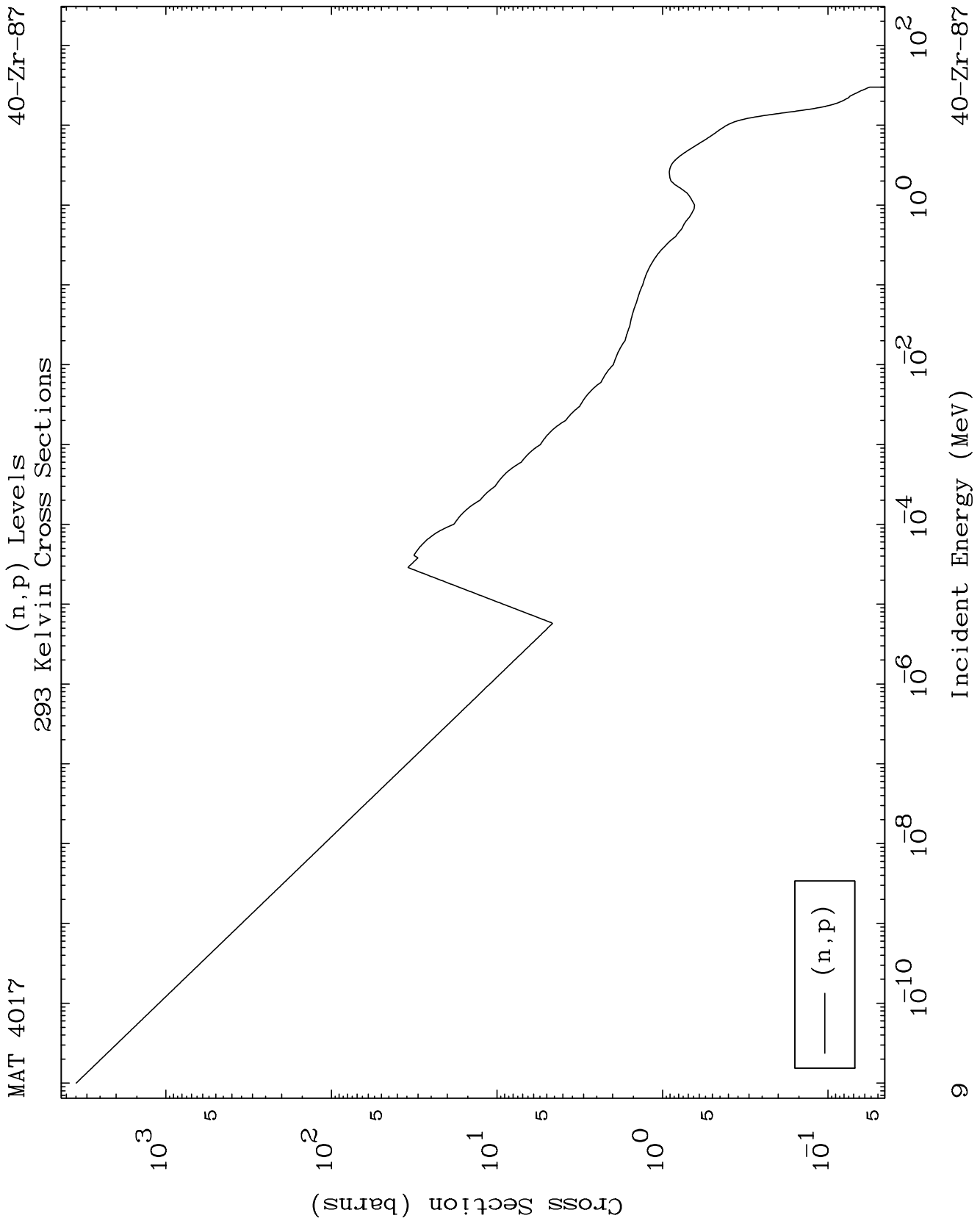
293 Kelvin Cross Sections



8

Incident Energy (MeV)

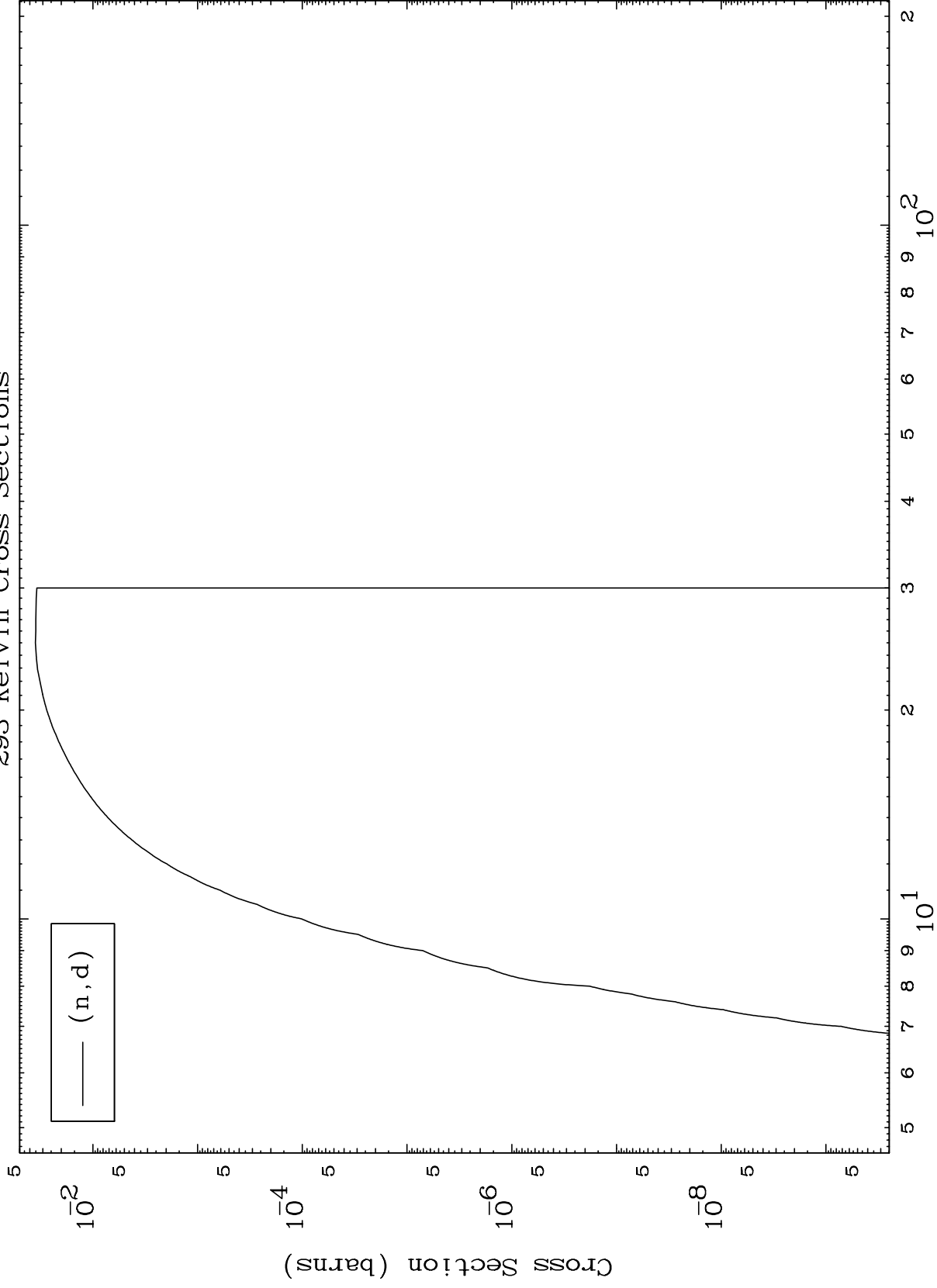
40-Zr-87



MAT 4017

(n,d) Levels
293 Kelvin Cross Sections

40-Zr-87

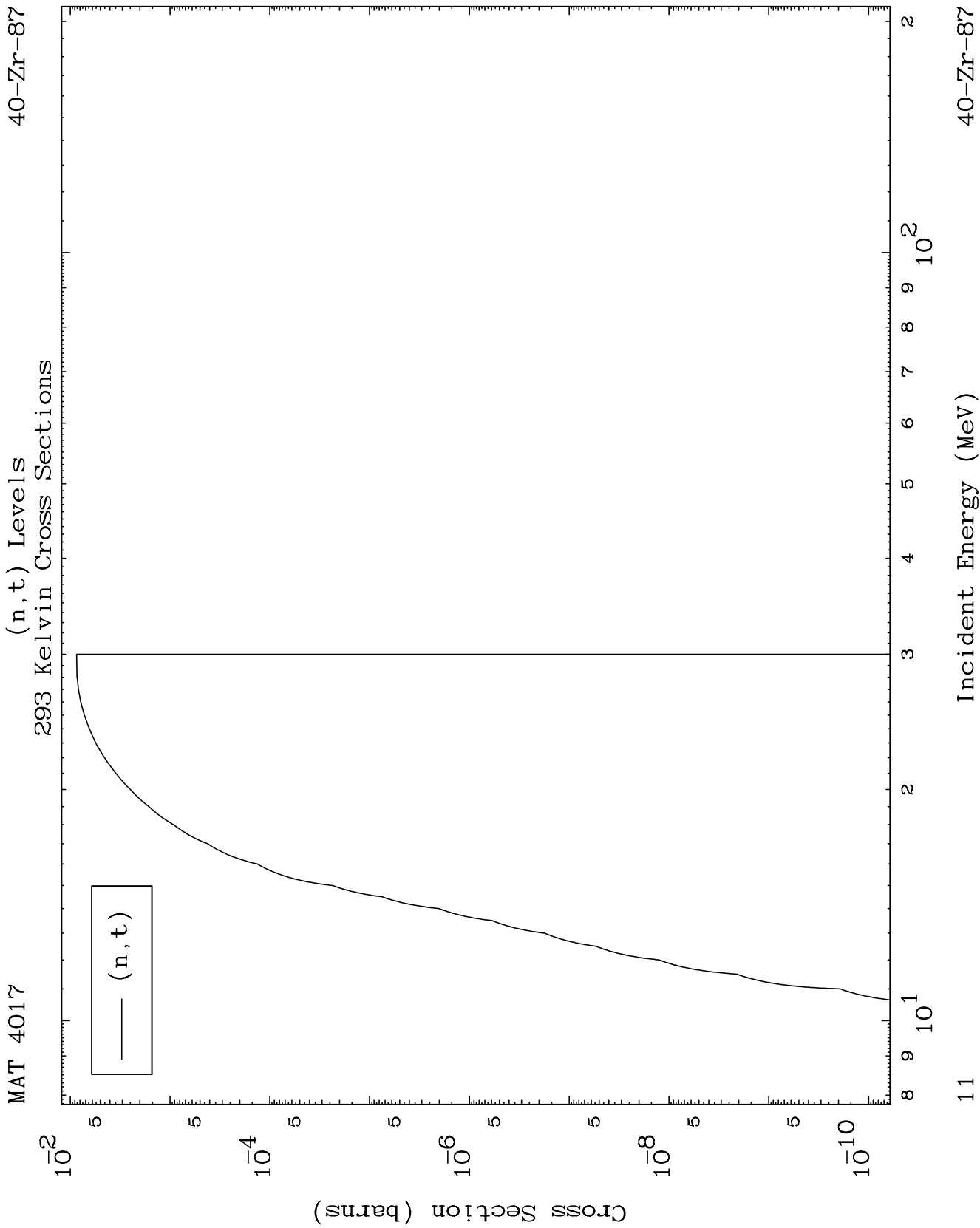


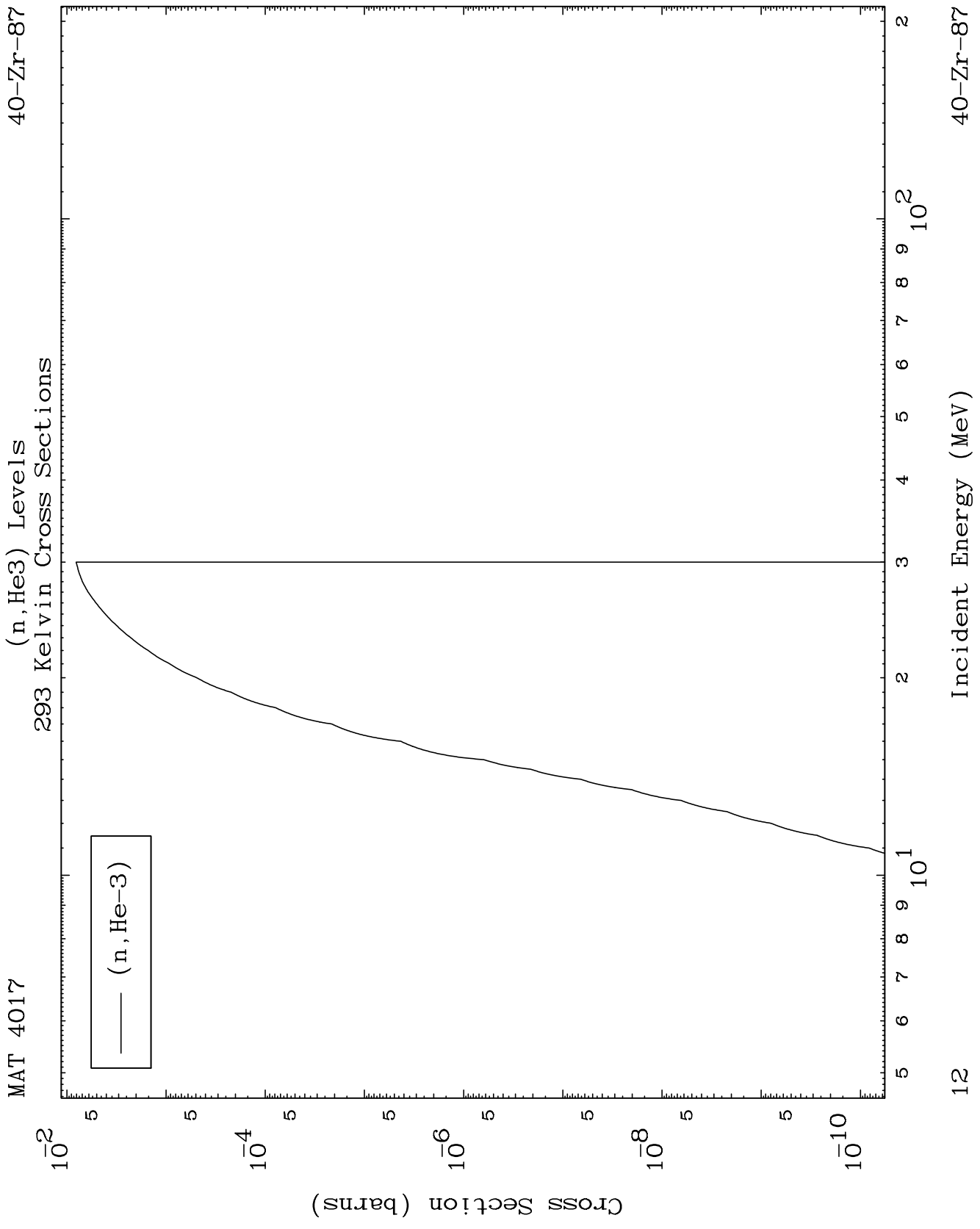
(n,d)

Incident Energy (MeV)

40-Zr-87

10

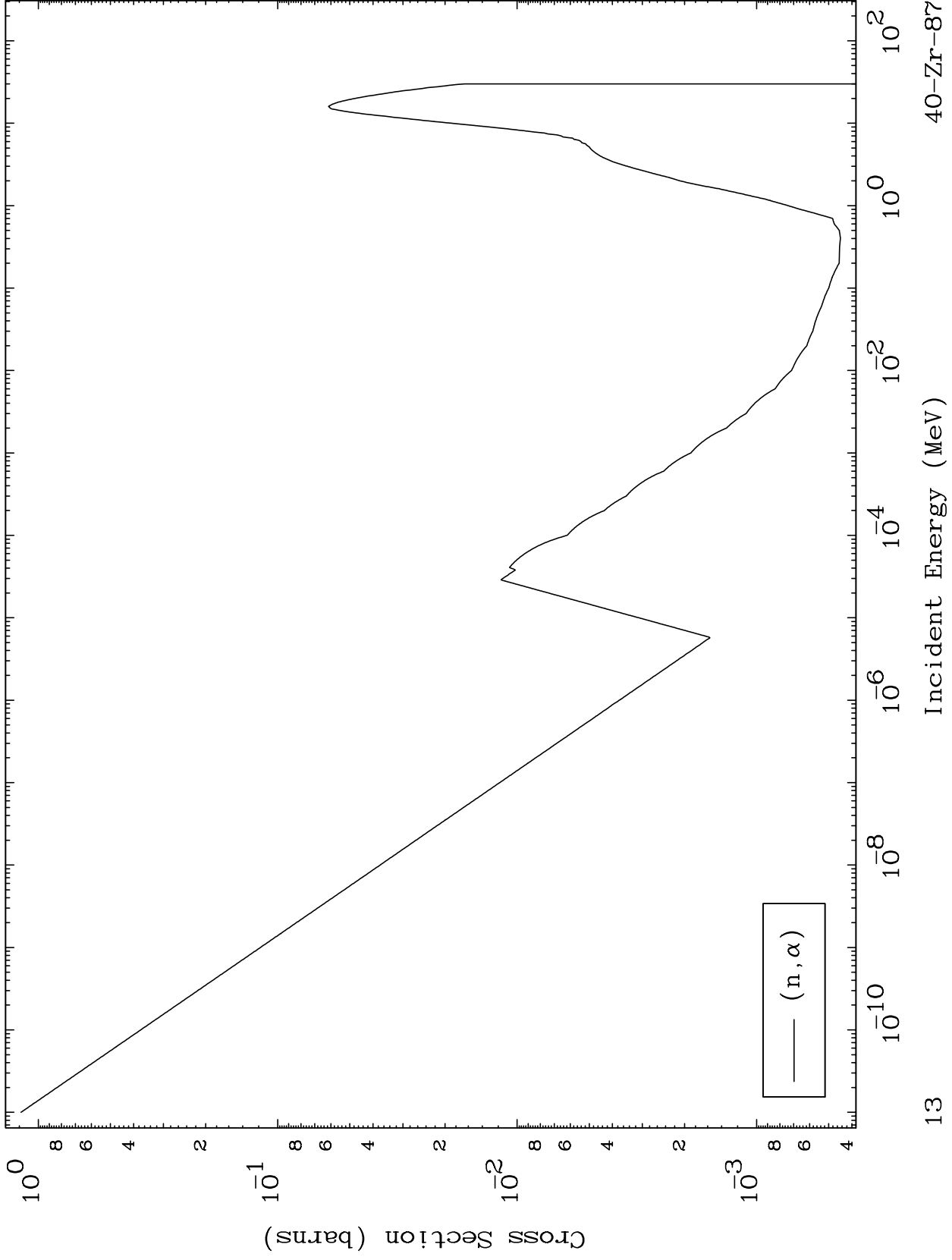


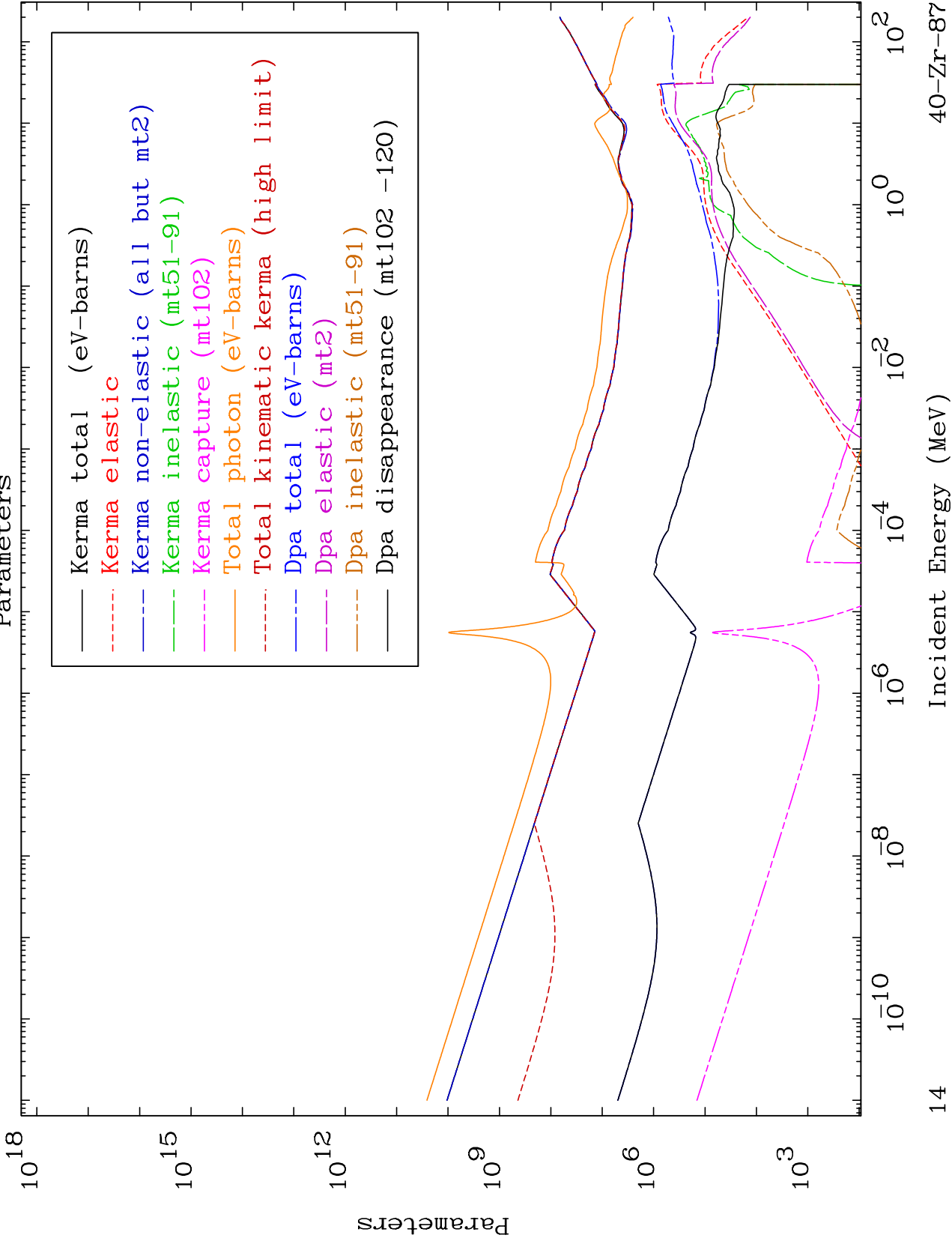


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(n,α) Levels
293 Kelvin Cross Sections

40-Zr-87

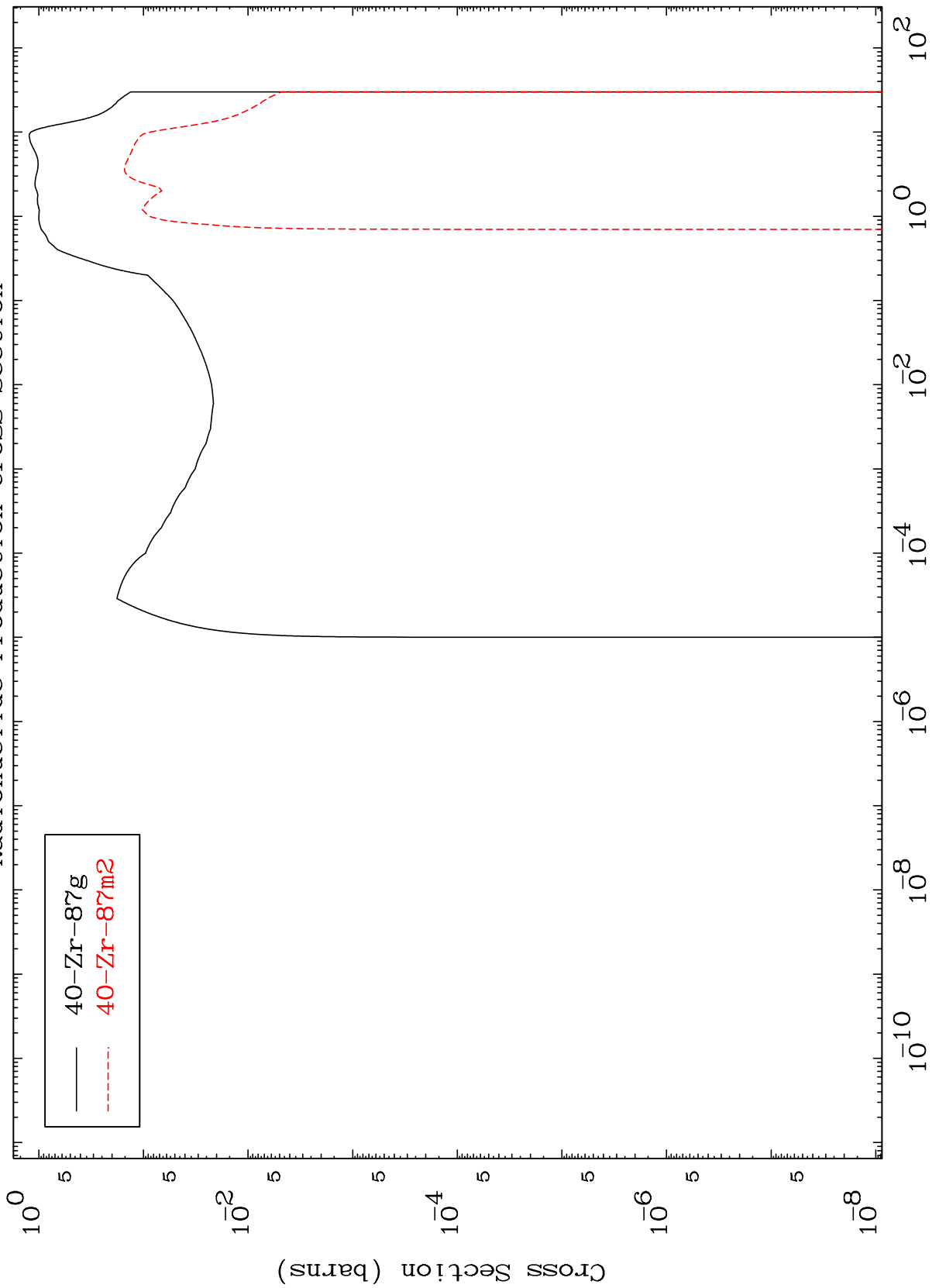




MAT 4017

Inelastic
Radionuclide Production Cross Section

40-Zr-87

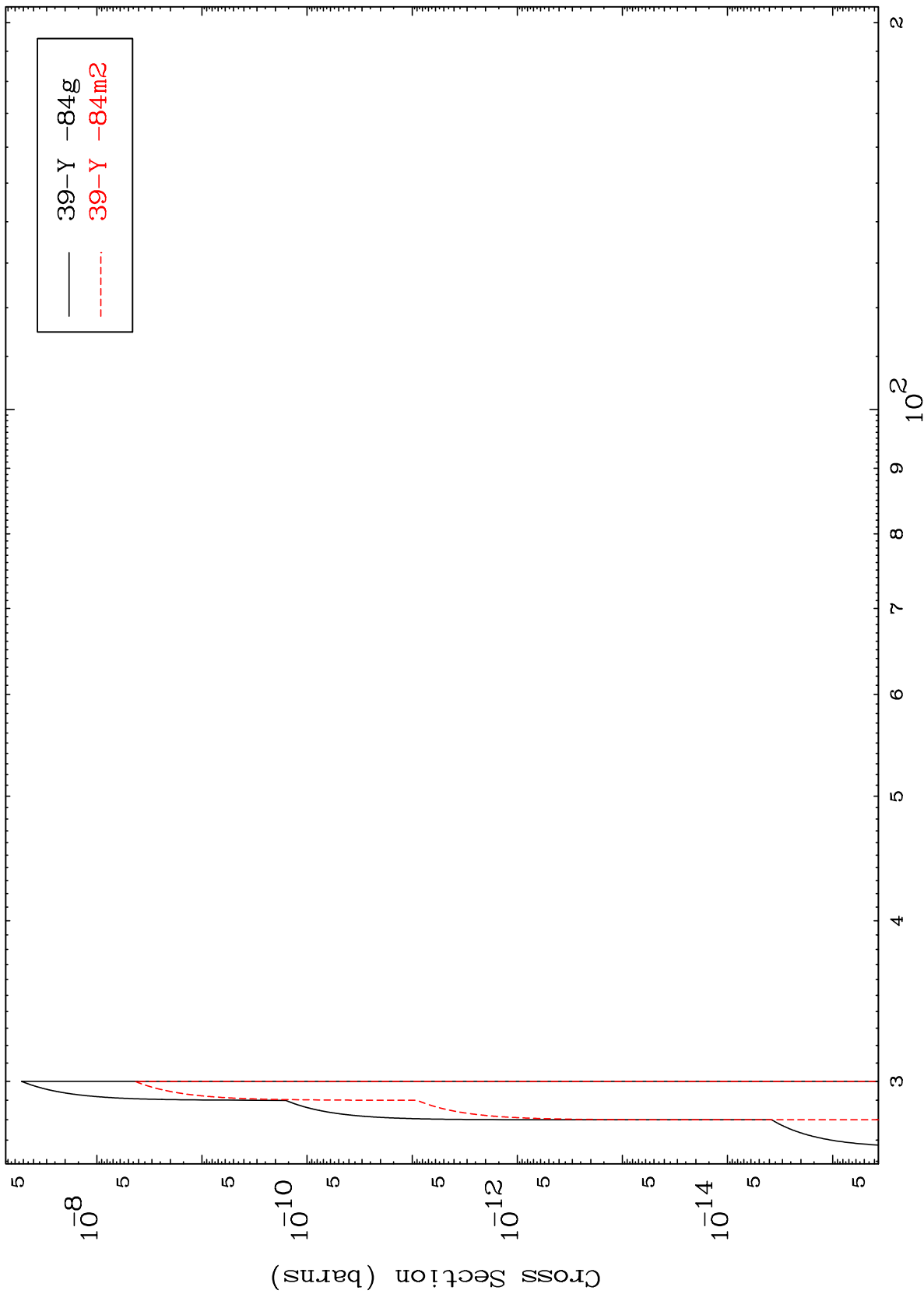


MAT 4017

(n,2n) d

40-Zr-87

Radionuclide Production Cross Section



19

Incident Energy (MeV)

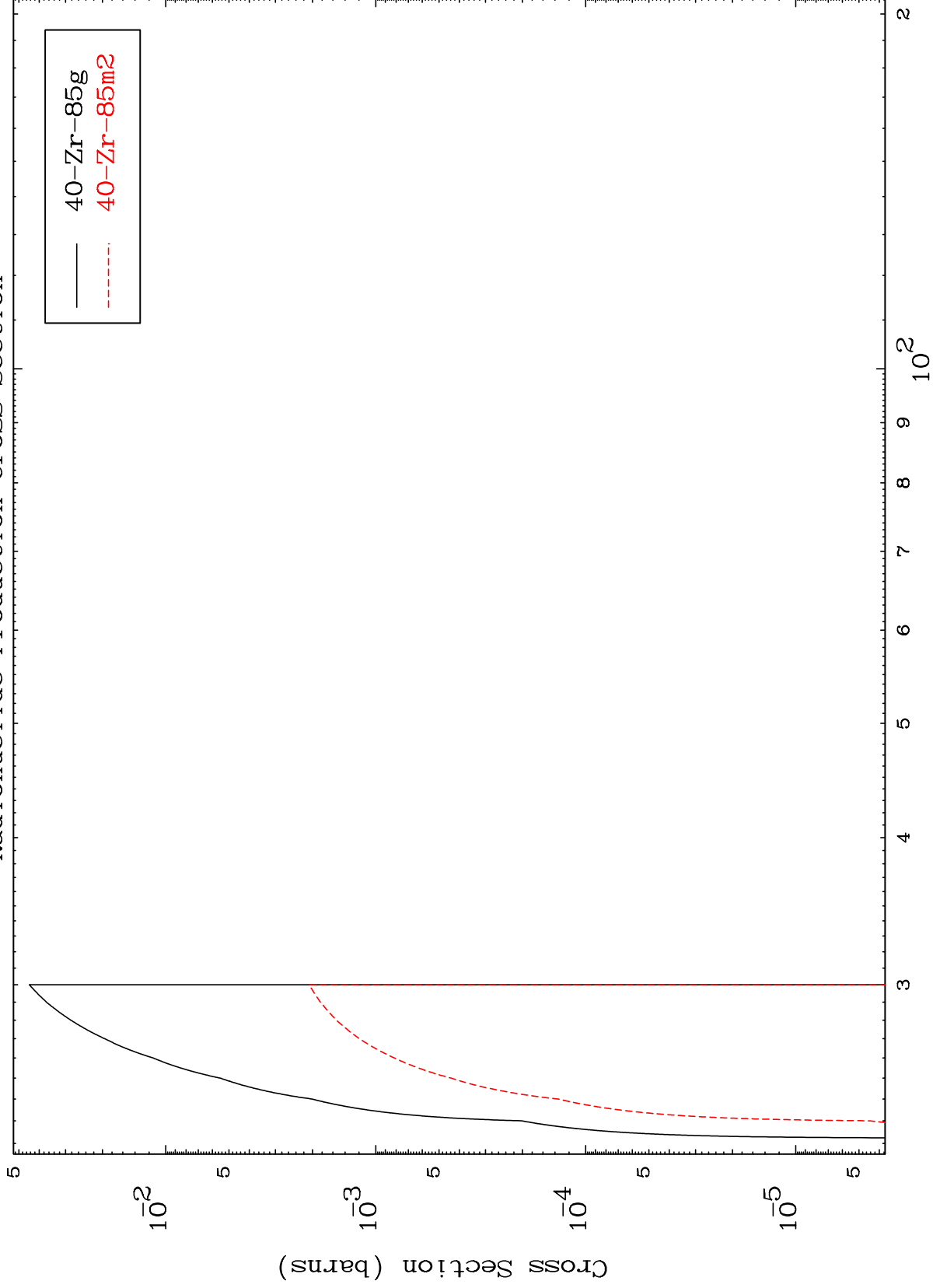
40-Zr-87

MAT 4017

(n,3n)

40-Zr-87

Radionuclide Production Cross Section



20

Incident Energy (MeV)

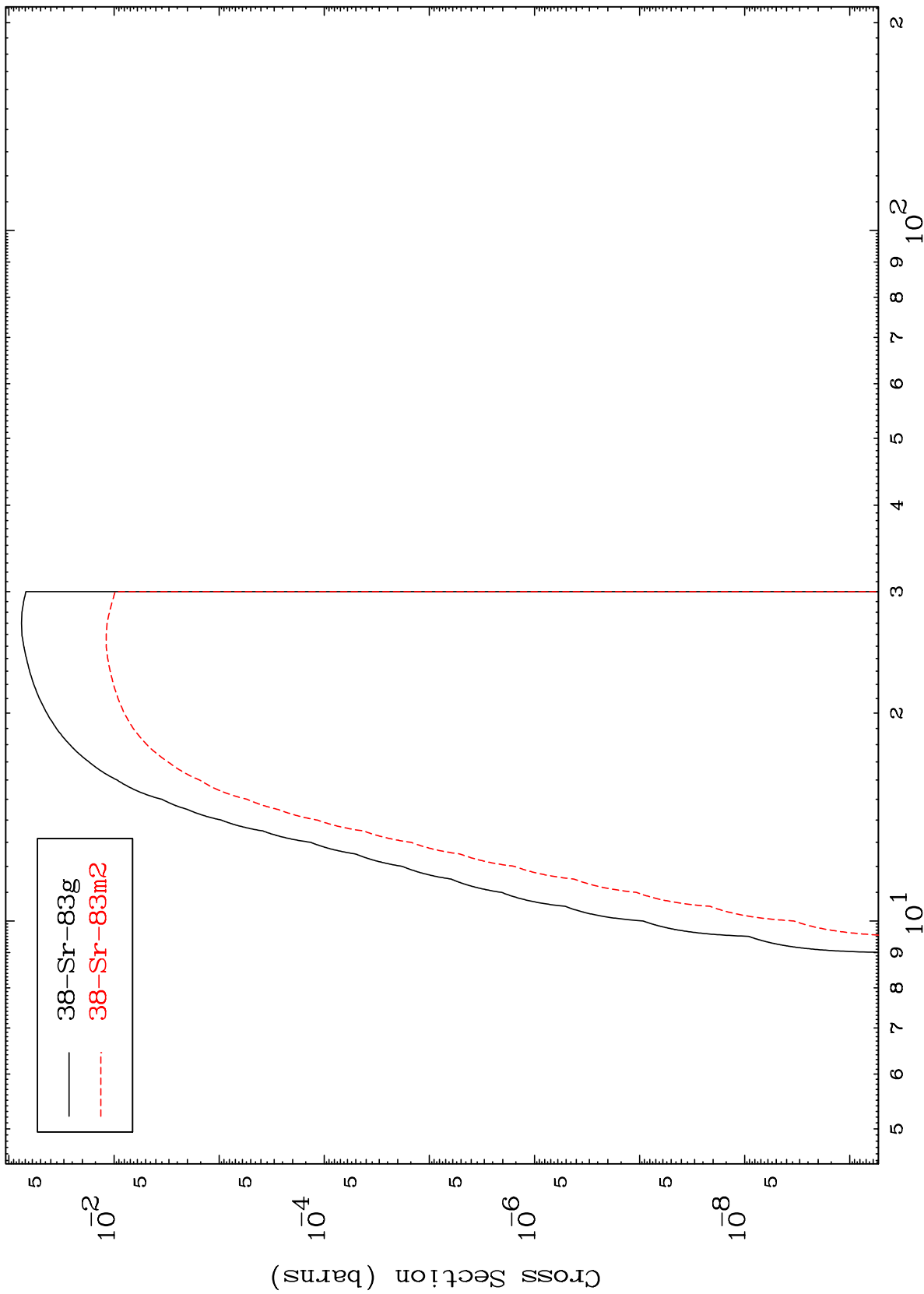
40-Zr-87

MAT 4017

(n,n') α

40-Zr-87

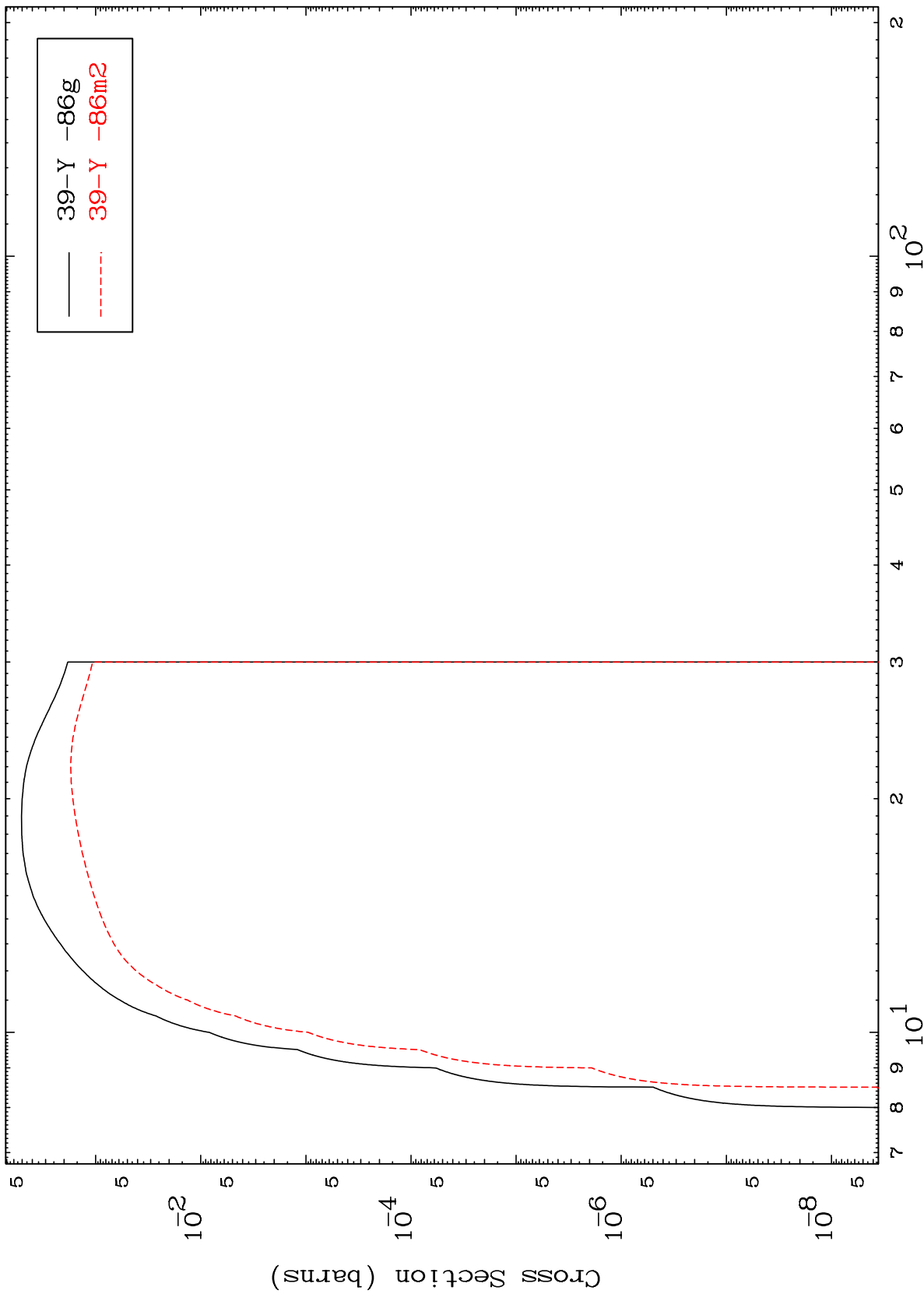
Radionuclide Production Cross Section



MAT 4017

40-Zr-87

(n,n') p
Radionuclide Production Cross Section



40-Zr-87

Incident Energy (MeV)

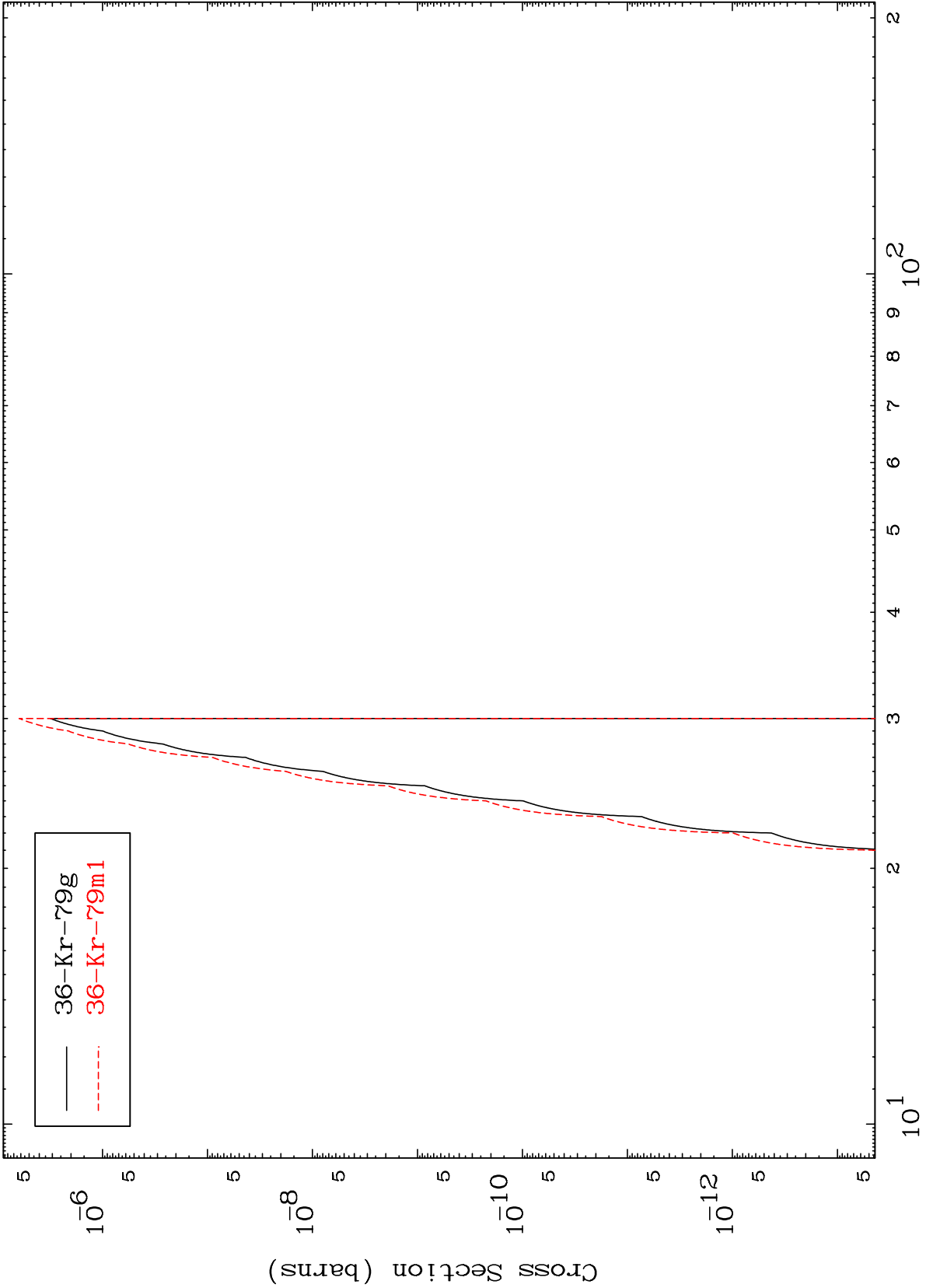
22

MAT 4017

(n,n') 2α

40-Zr-87

Radionuclide Production Cross Section



23

Incident Energy (MeV)

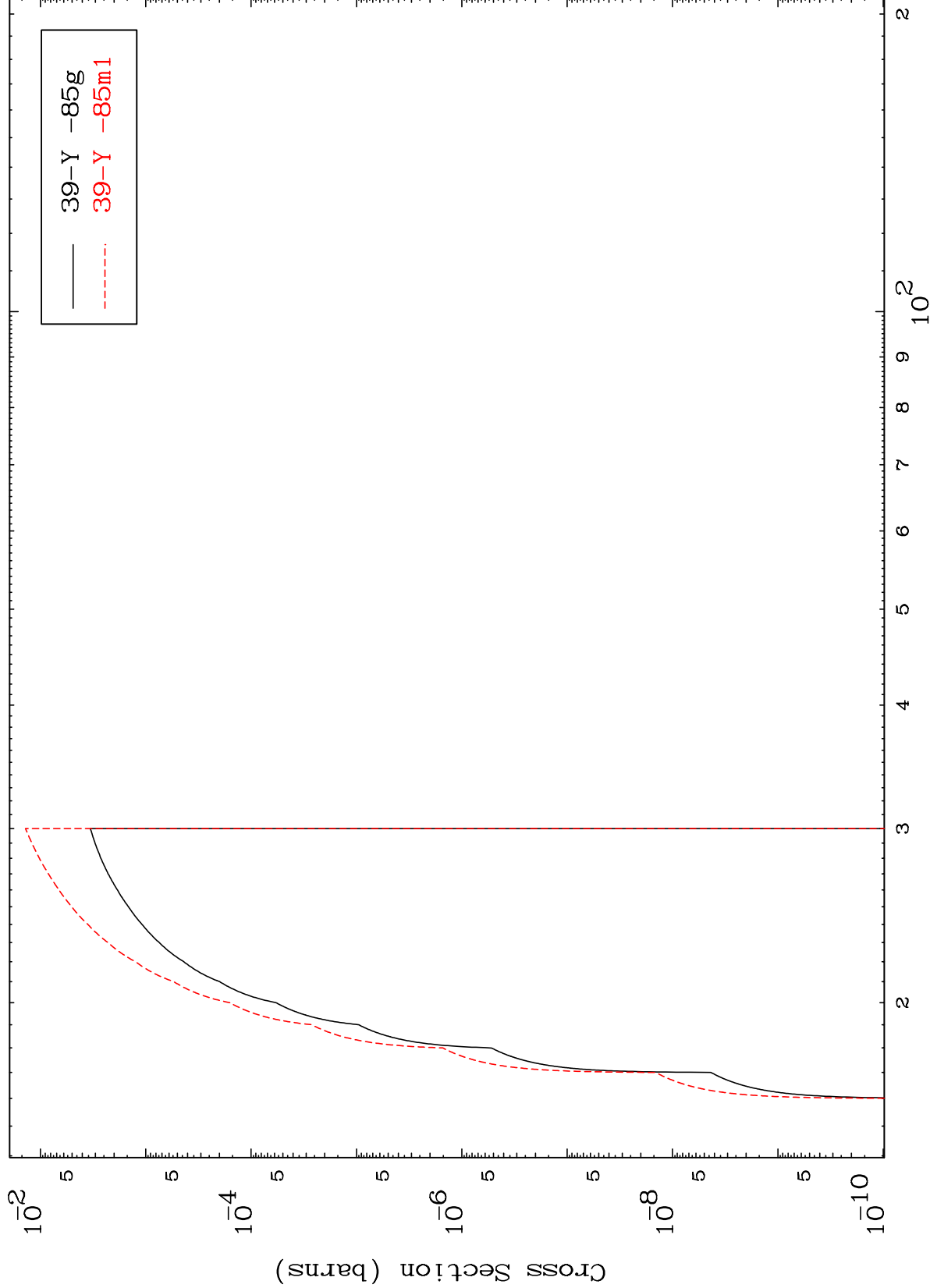
40-Zr-87

MAT 4017

(n,n') d

40-Zr-87

Radionuclide Production Cross Section



24

Incident Energy (MeV)

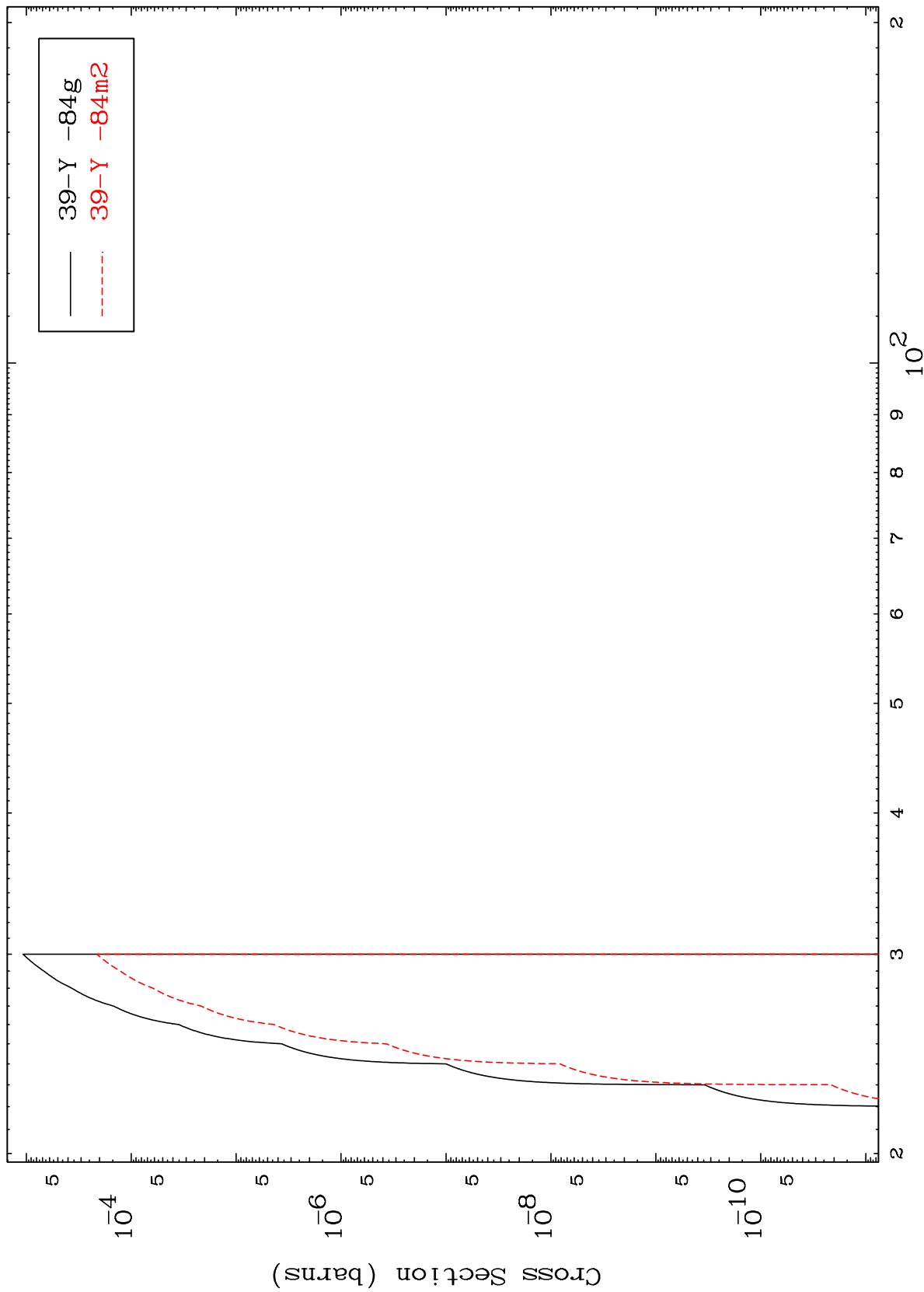
40-Zr-87

MAT 4017

(n,n') t

40-Zr-87

Radionuclide Production Cross Section



25

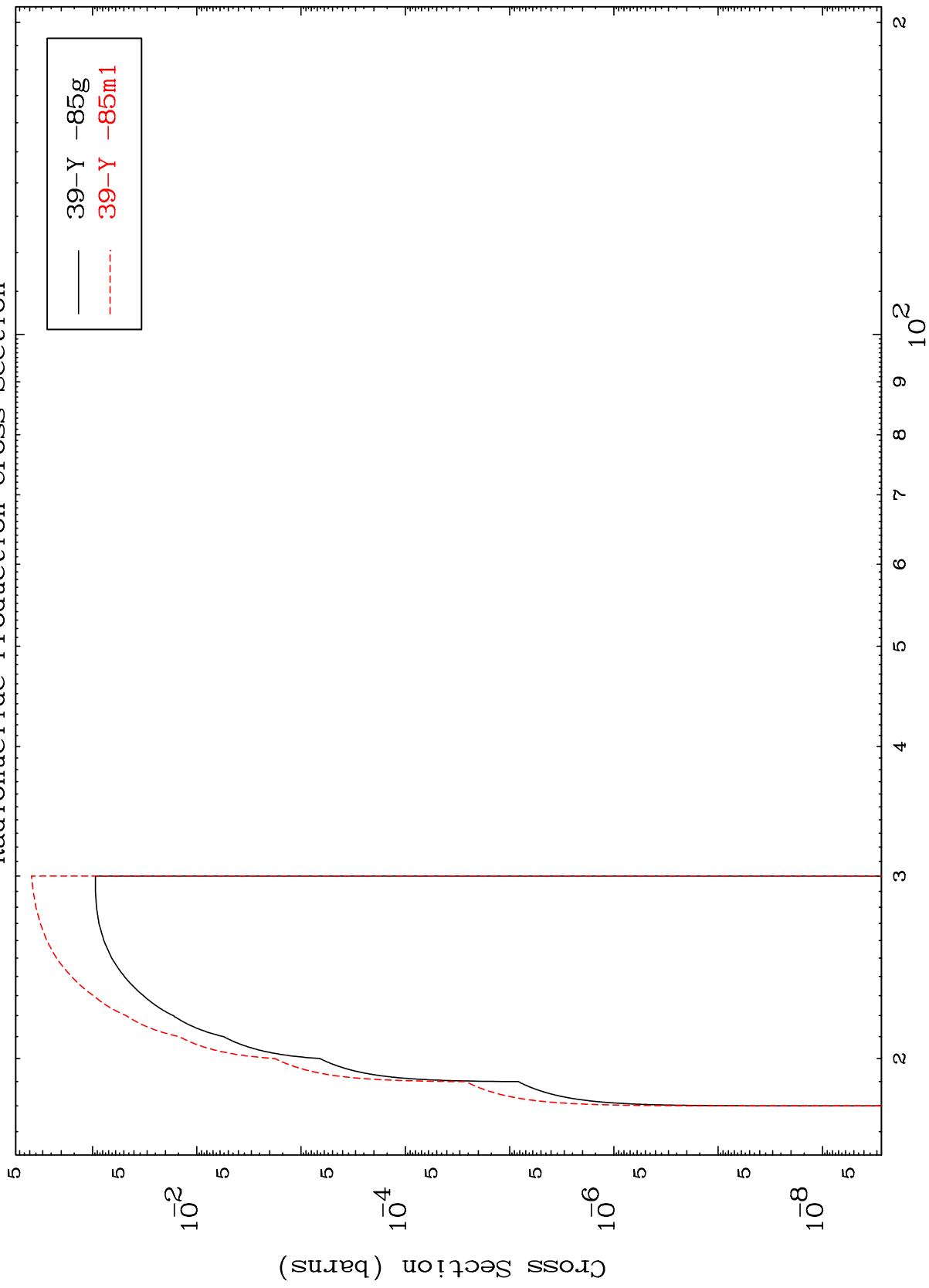
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

(n,2n) p
Radionuclide Production Cross Section



26

Incident Energy (MeV)

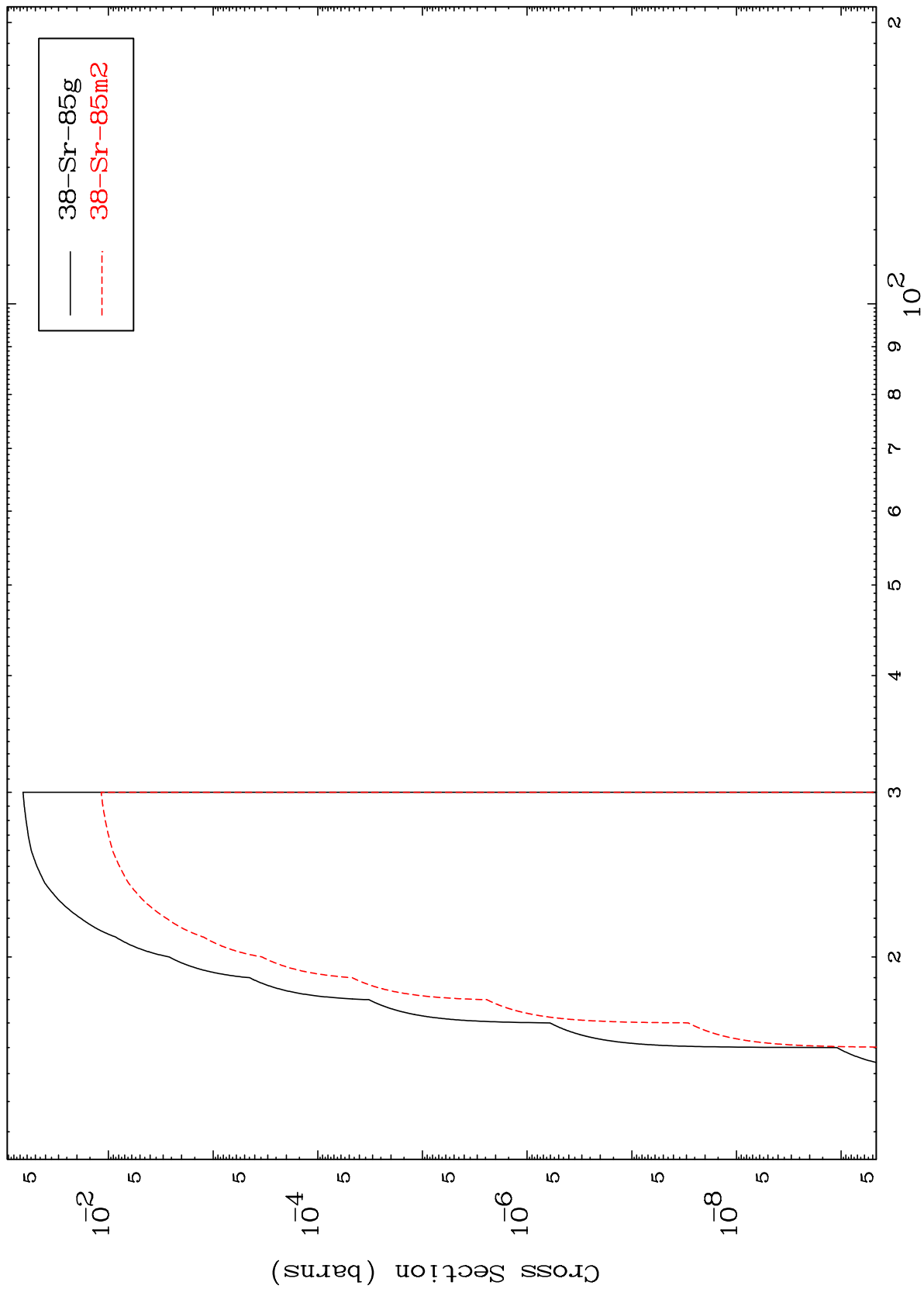
40-Zr-87

MAT 4017

(n,2n) p

40-Zr-87

Radionuclide Production Cross Section



27

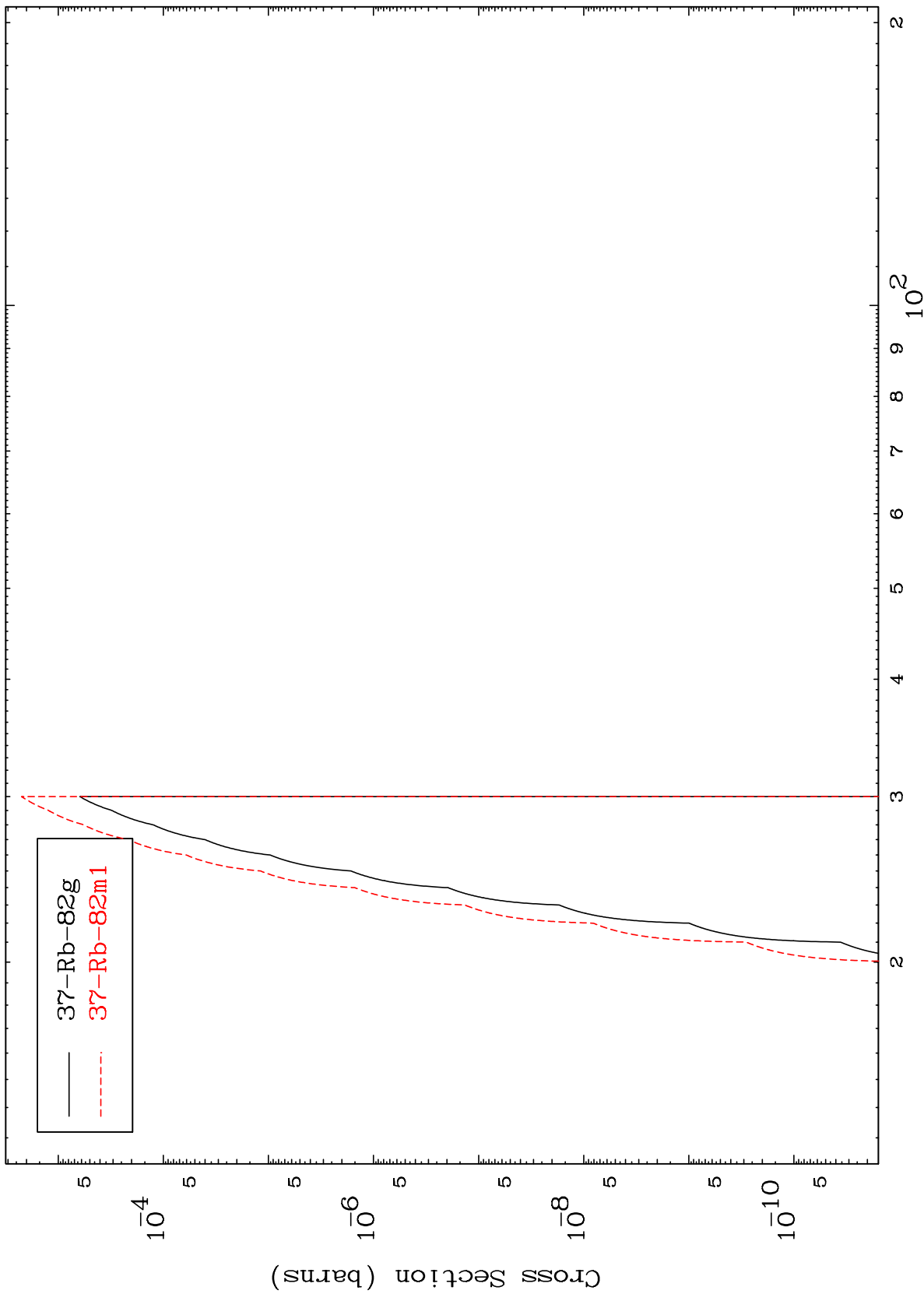
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

(n,n') p α
Radionuclide Production Cross Section



40-Zr-87

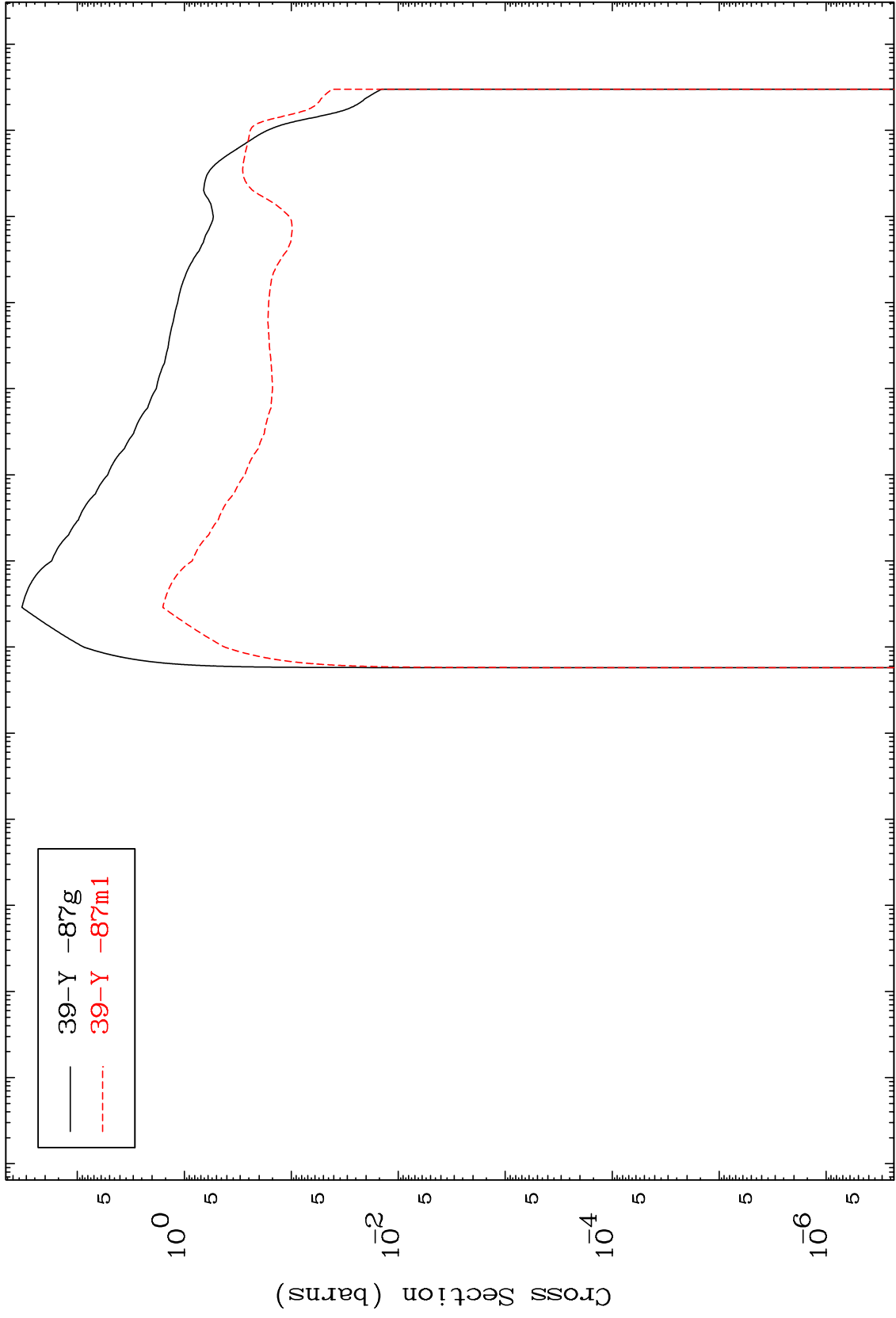
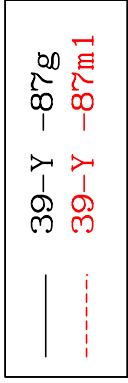
Incident Energy (MeV)

28

MAT 4017

40-Zr-87

(n,p)
Radionuclide Production Cross Section



40-Zr-87

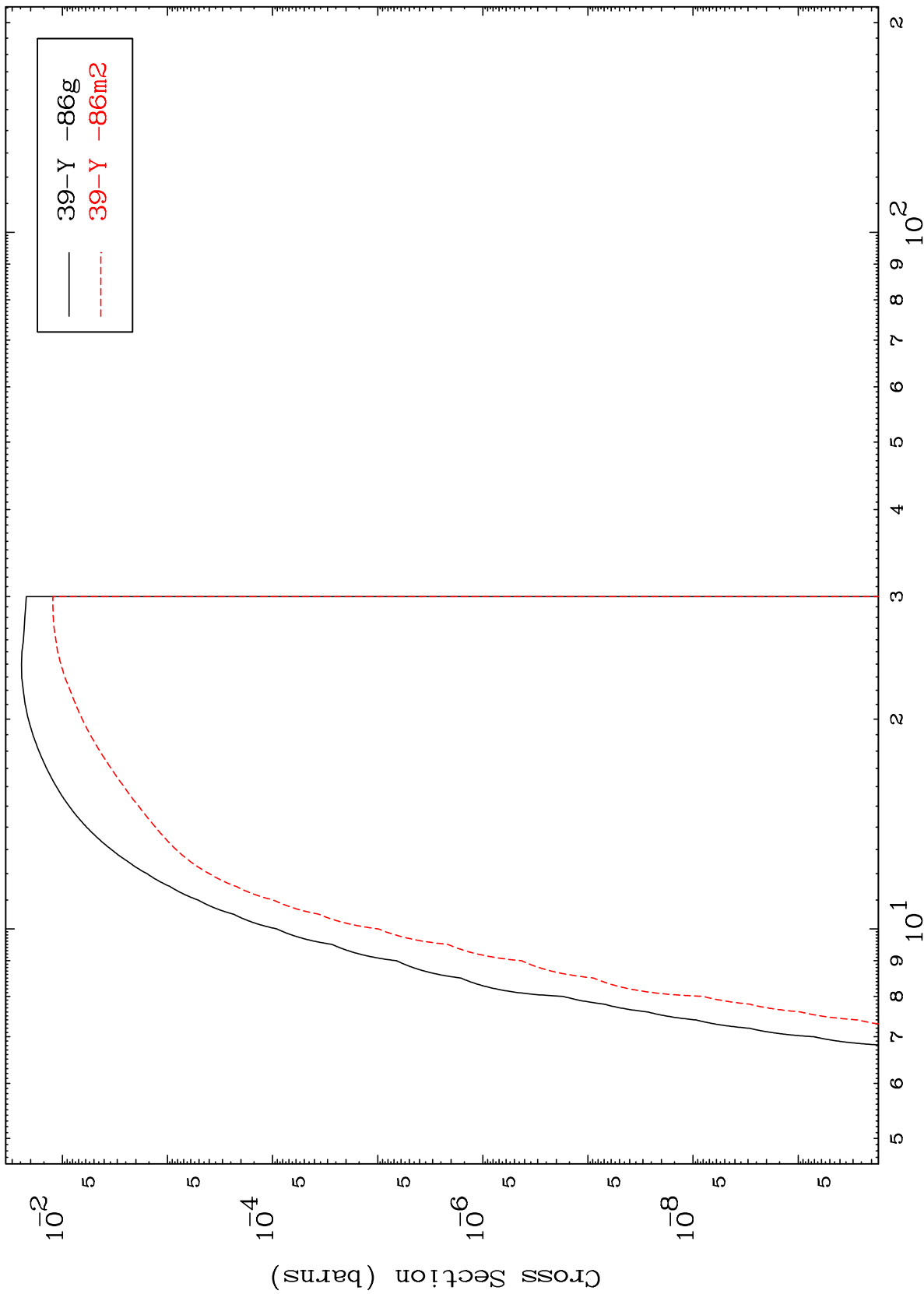
Incident Energy (MeV)

29

MAT 4017

40-Zr-87

(n,d)
Radionuclide Production Cross Section



30

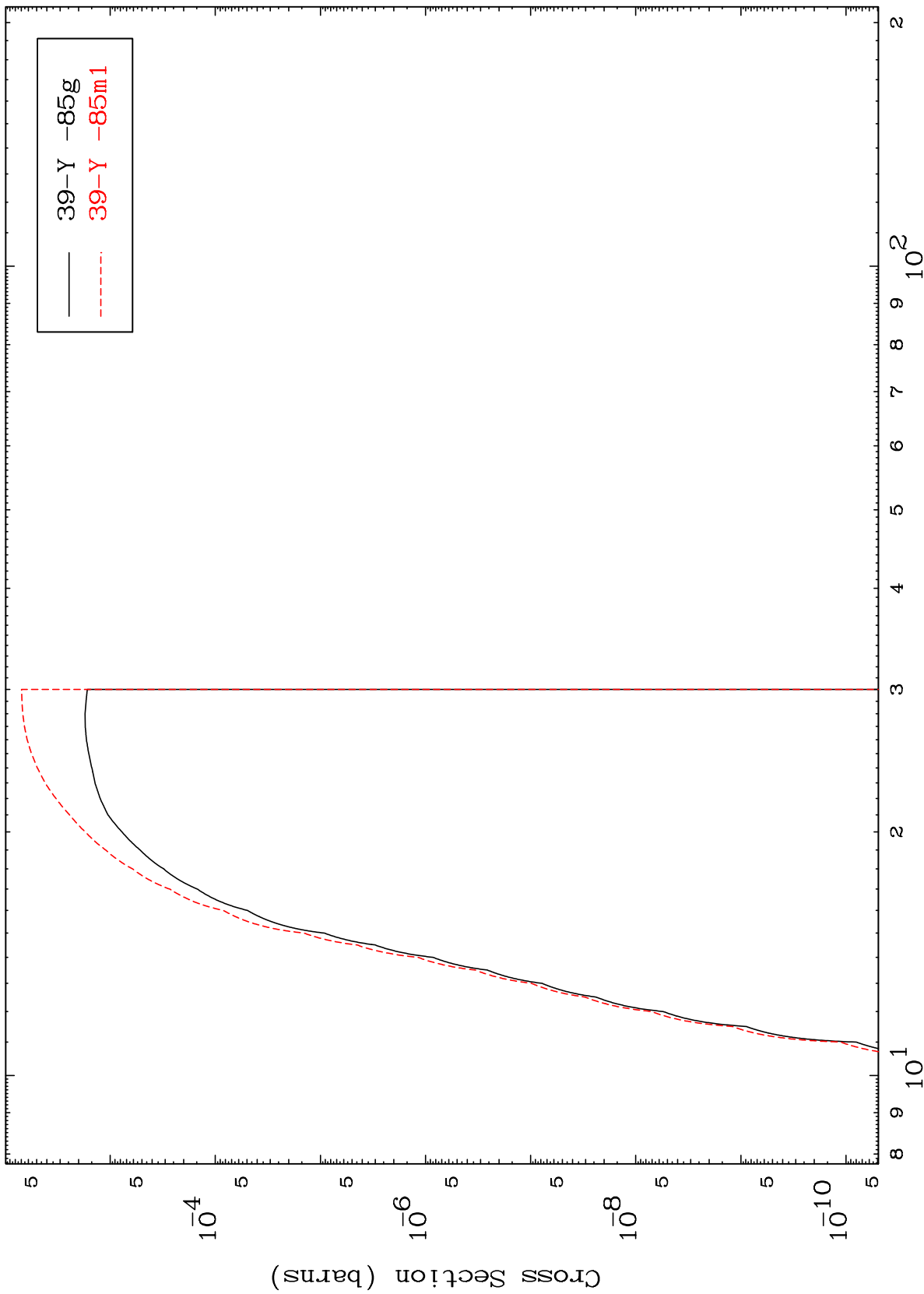
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

(n,t)
Radionuclide Production Cross Section



31

40-Zr-87

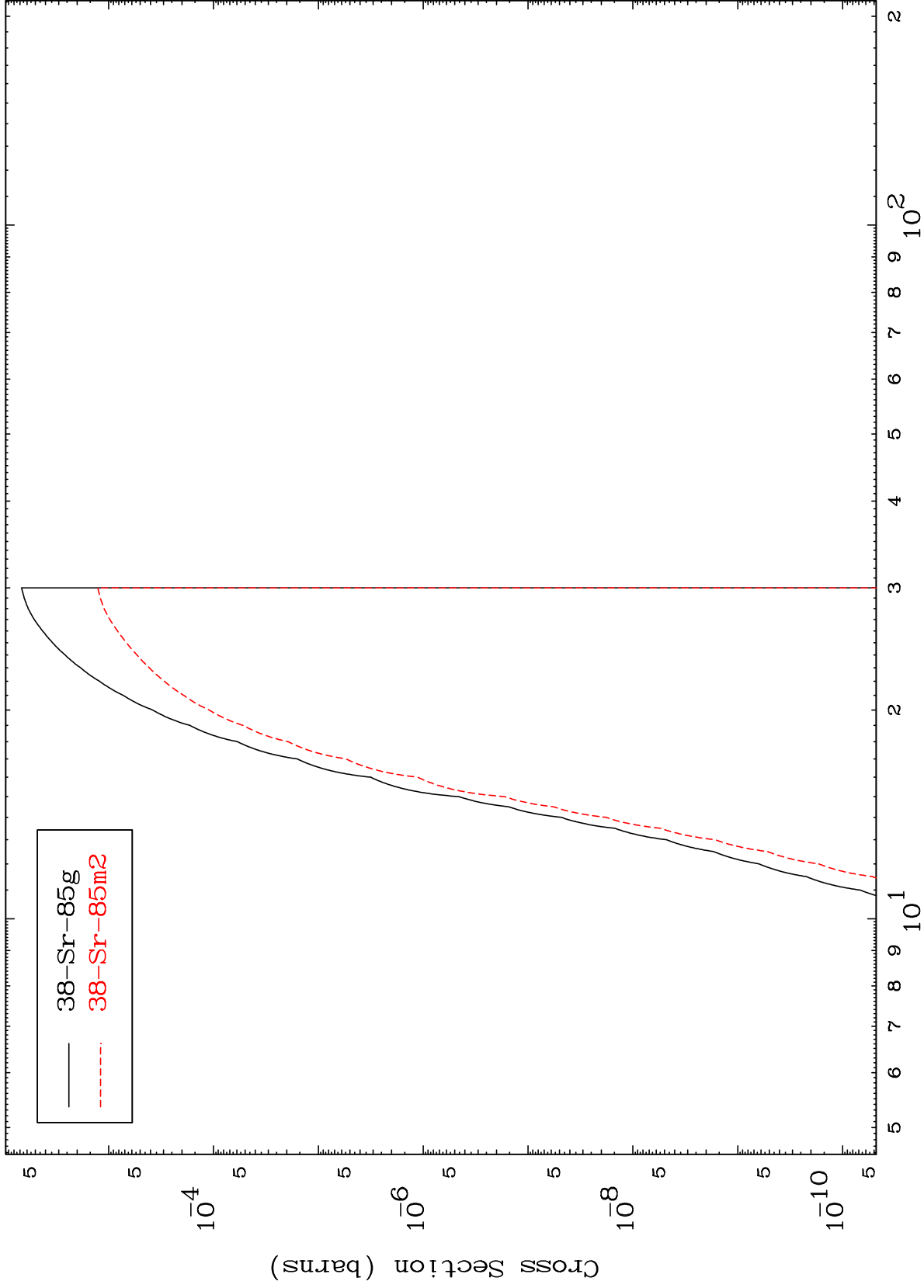
Incident Energy (MeV)

MAT 4017

(n,He-3)

40-Zr-87

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-87

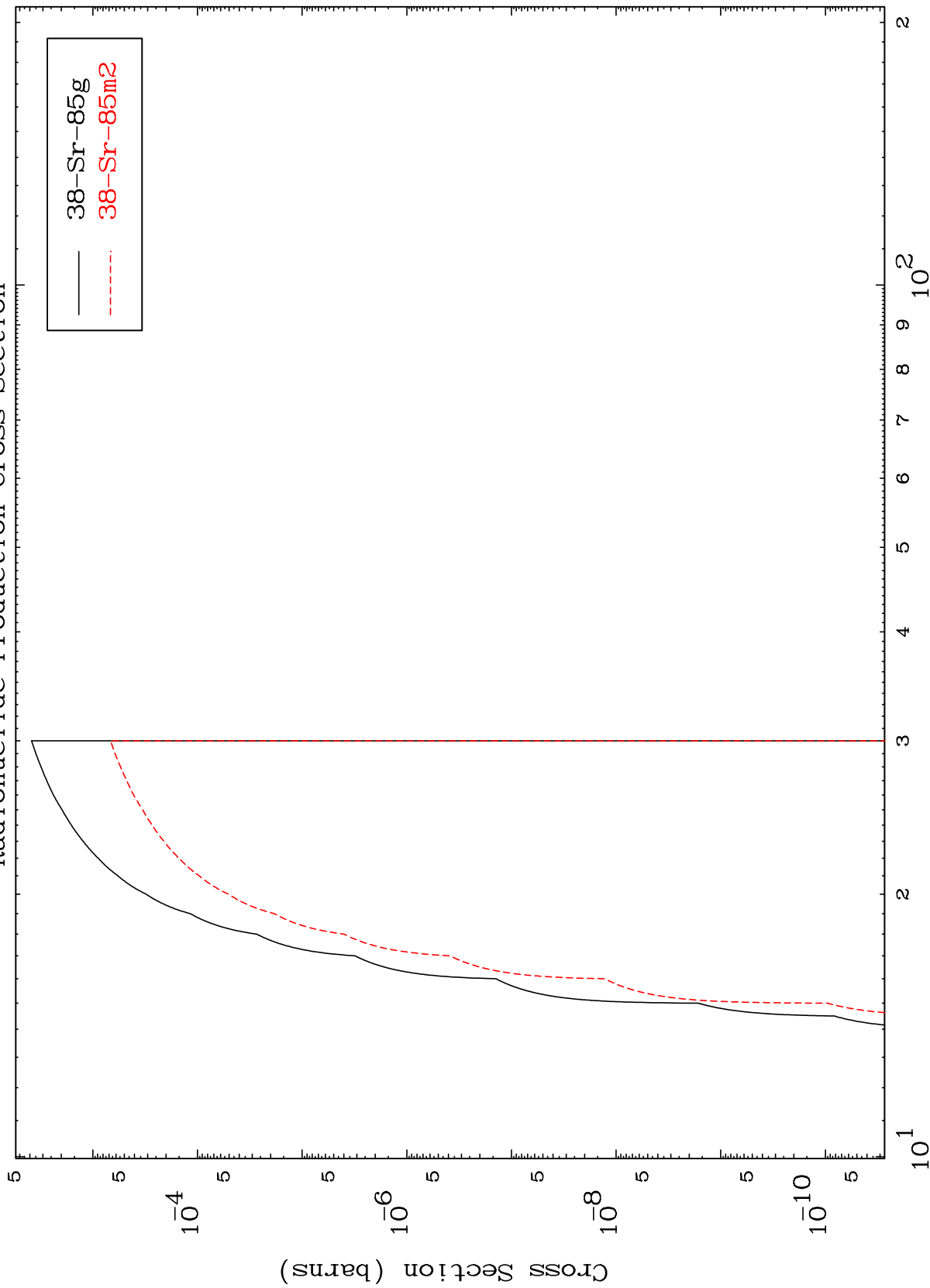
32

MAT 4017

(n,p) d

40-Zr-87

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-87

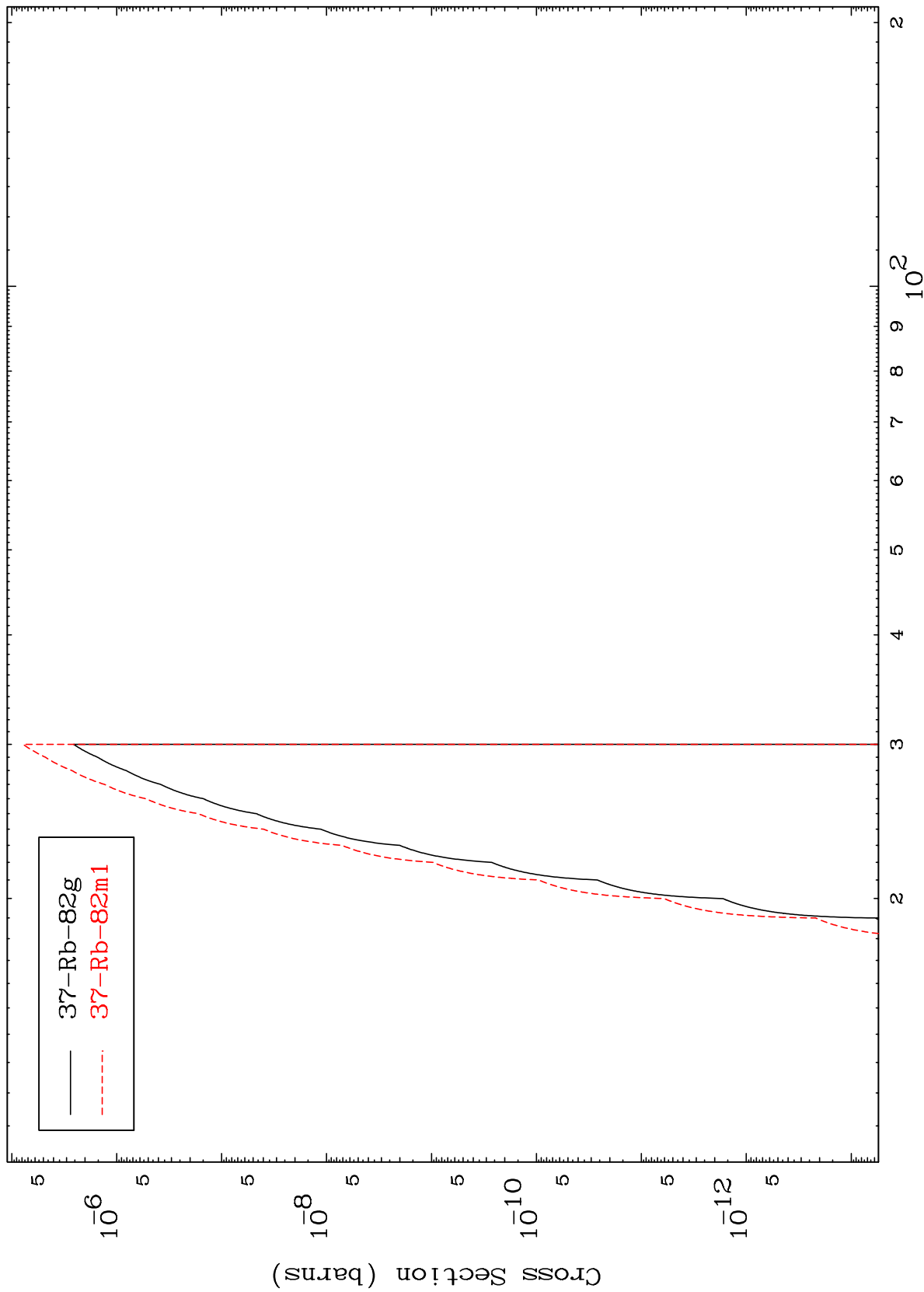
33

MAT 4017

40-Zr-87

(n,d) α

Radionuclide Production Cross Section



34

Incident Energy (MeV)

40-Zr-87