

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

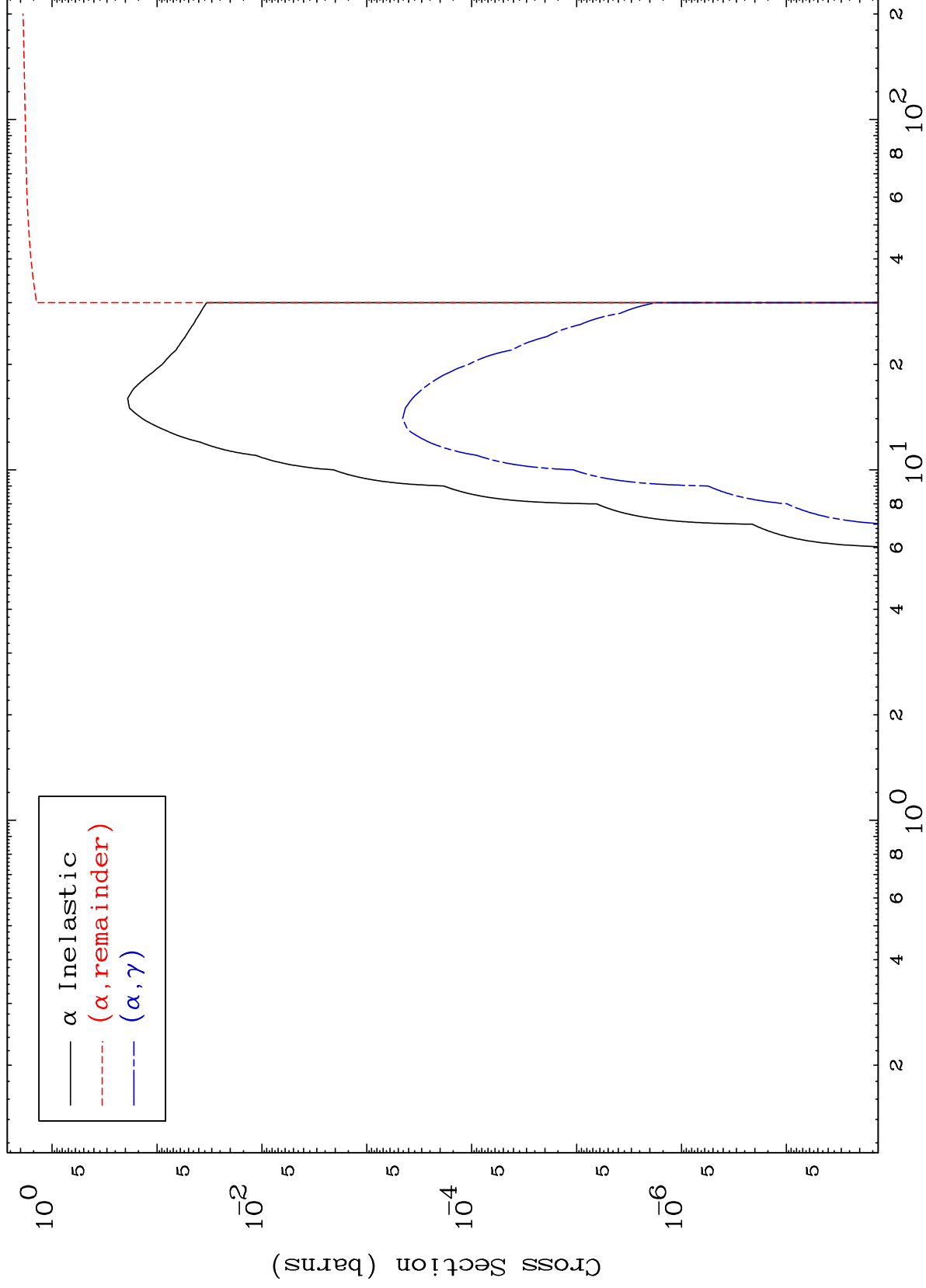
Press Mouse Button to Start

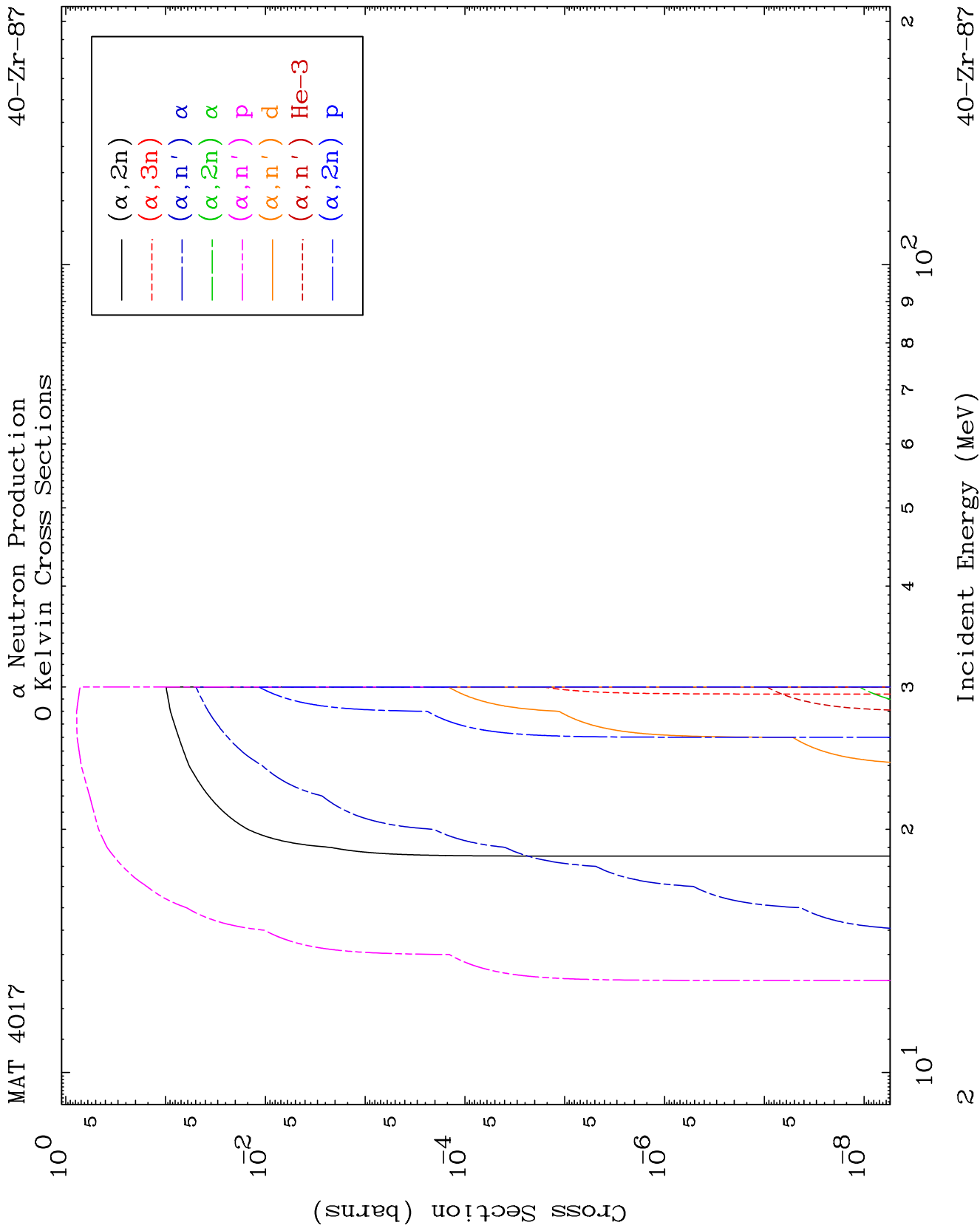
MAT 4017

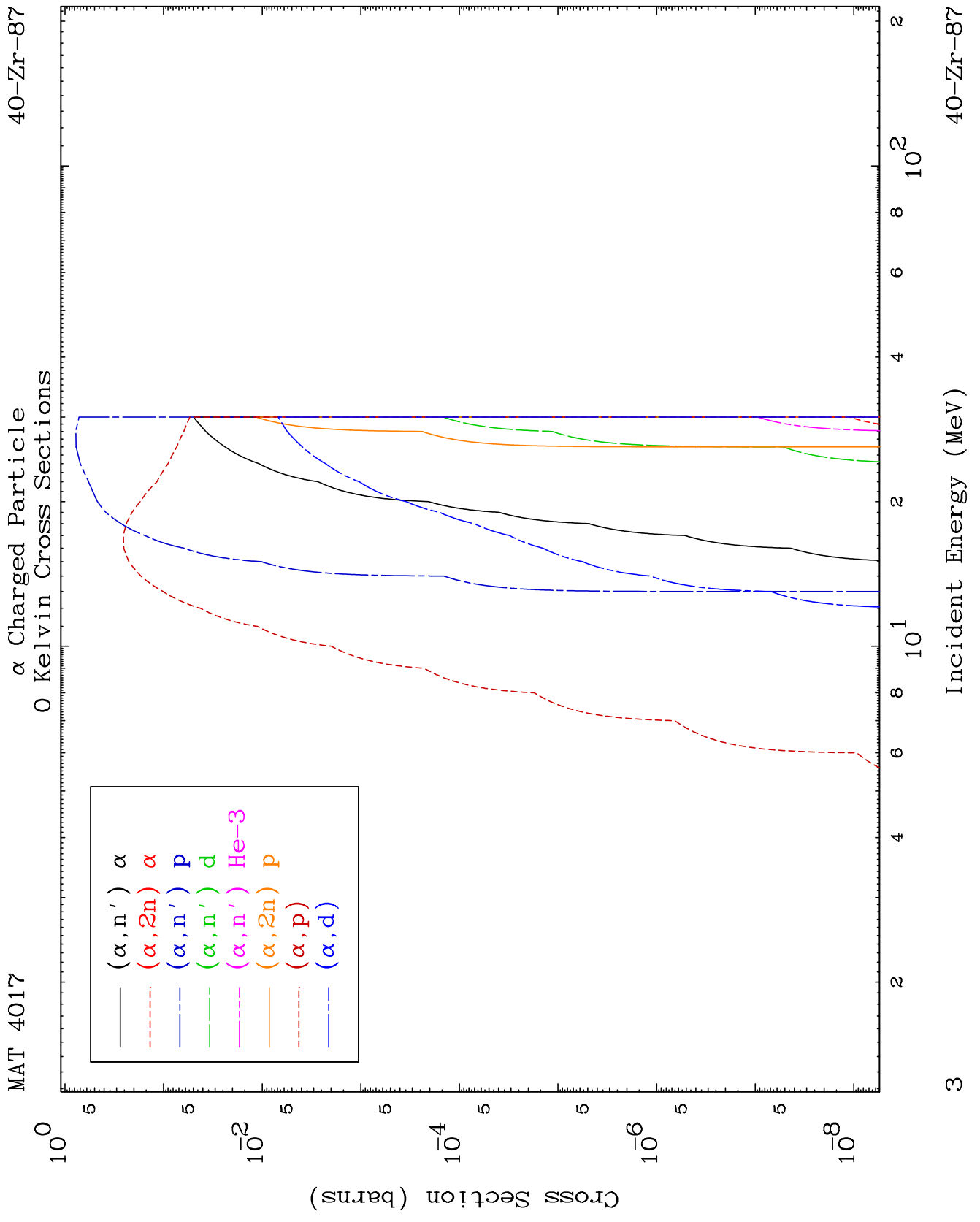
α Major

40-Zr-87

0 Kelvin Cross Sections



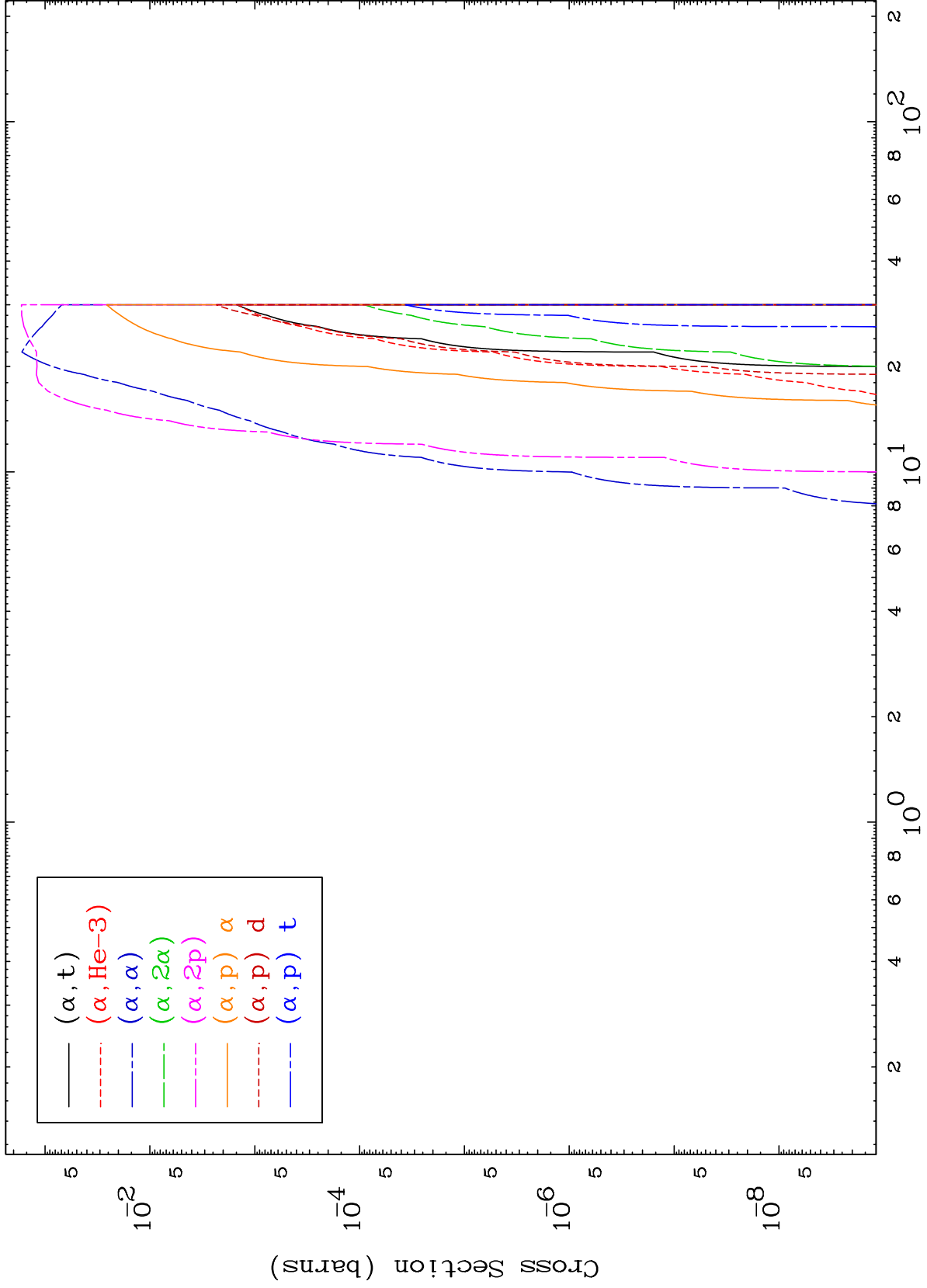




MAT 4017

α Charged Particle
0 Kelvin Cross Sections

40-Zr-87

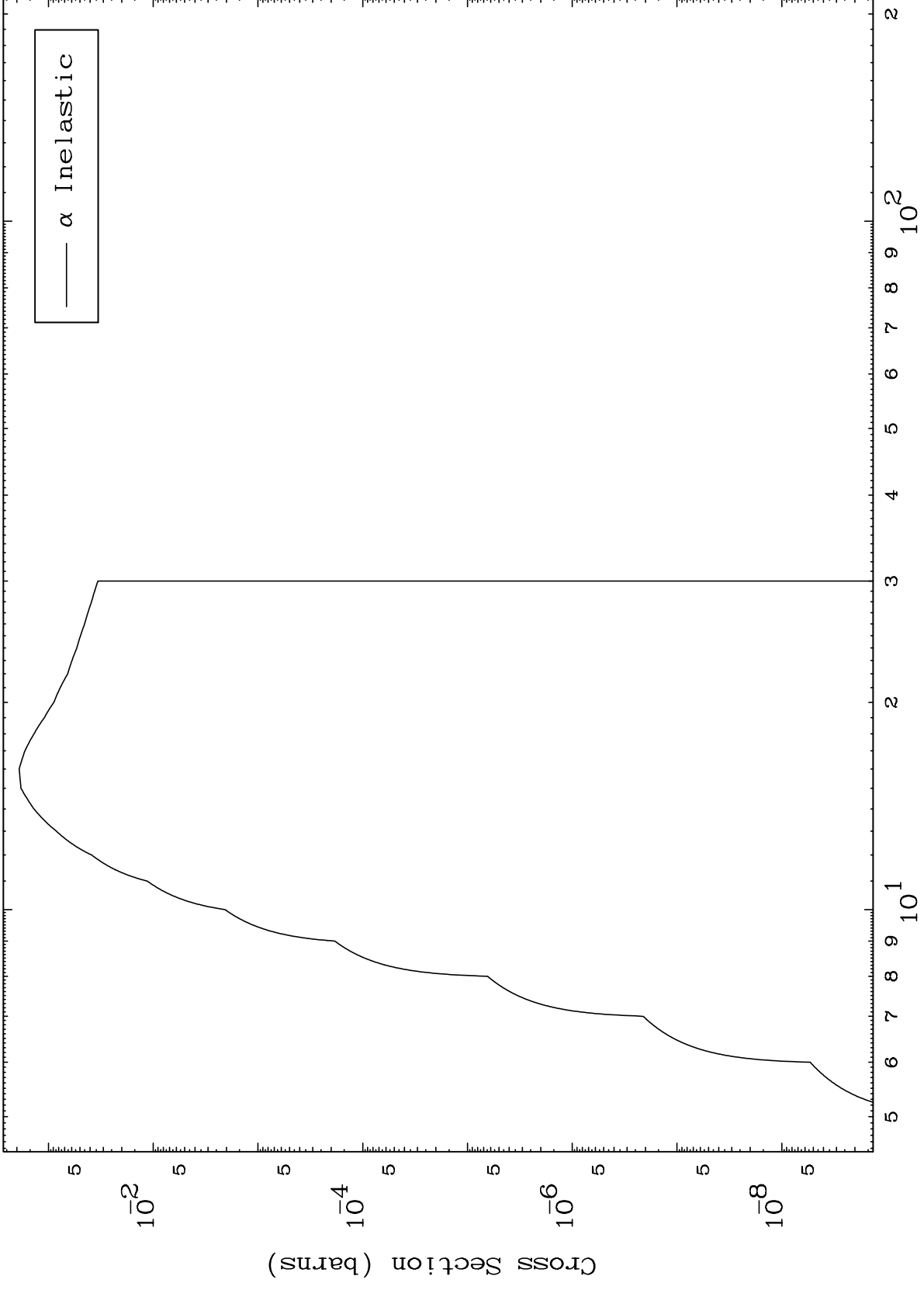


MAT 4017

(α, n') Level

40-Zr-87

0 Kelvin Cross Sections



5

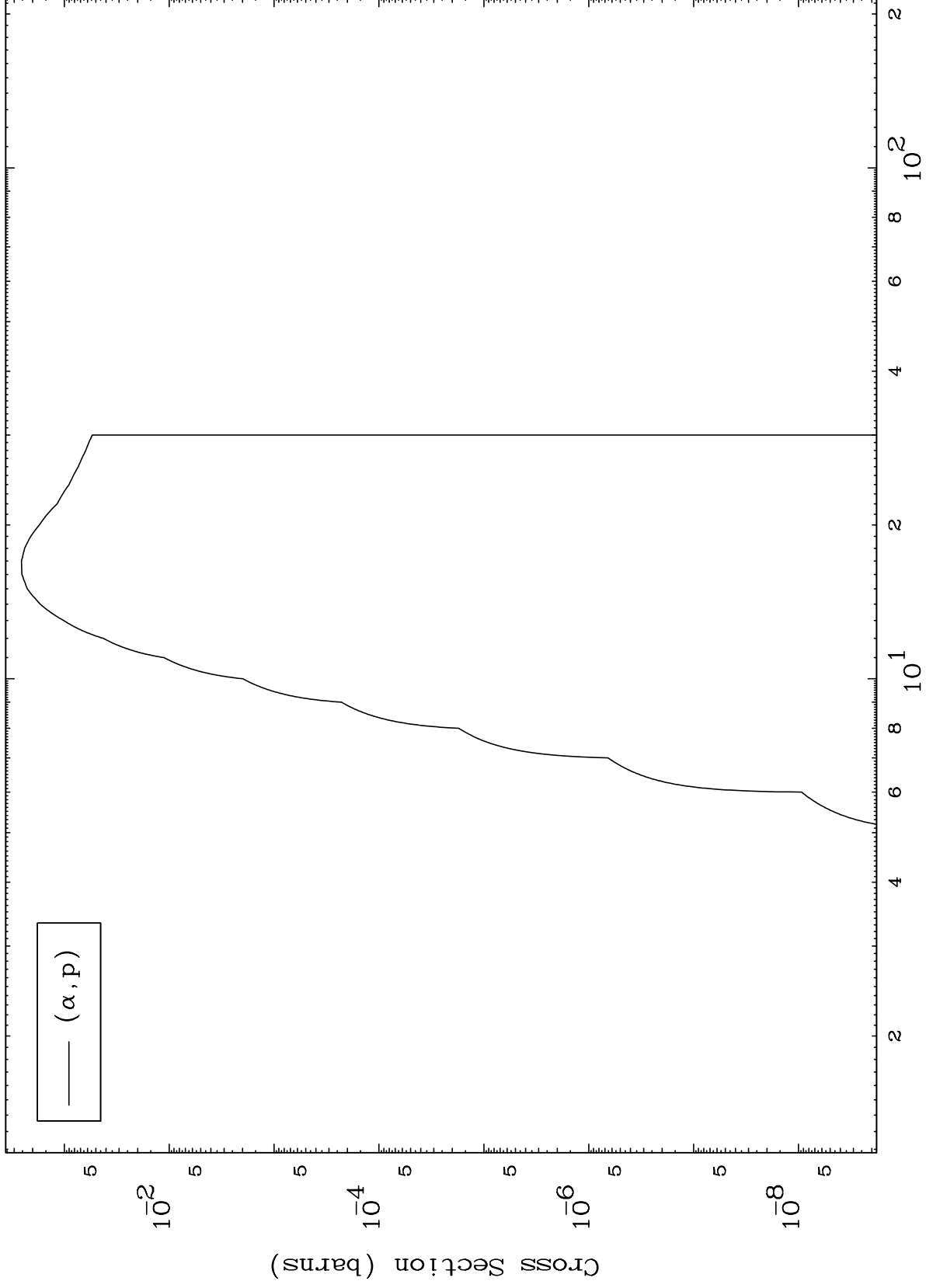
Incident Energy (MeV)

40-Zr-87

MAT 4017

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-87



6

Incident Energy (MeV)

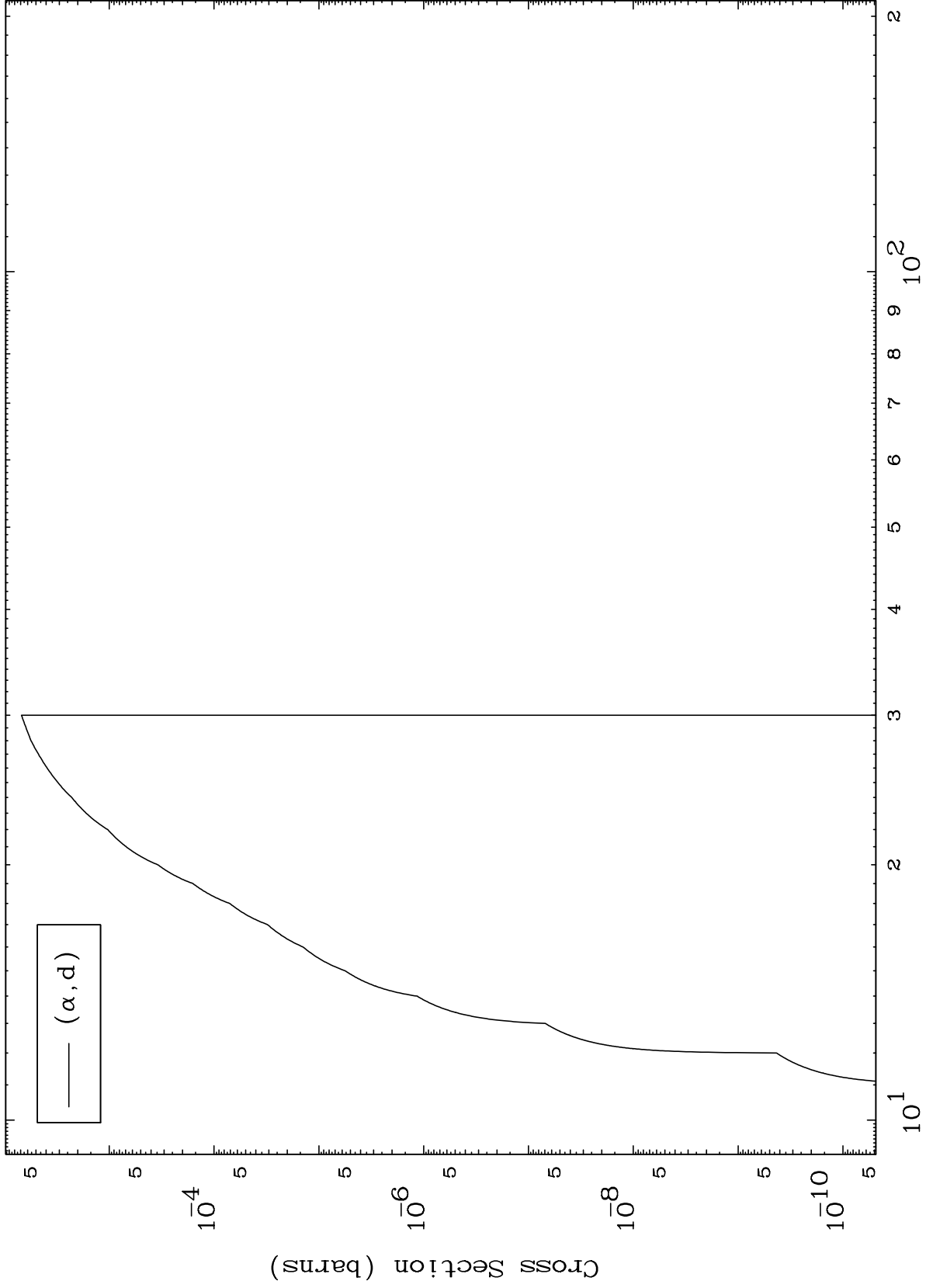
40-Zr-87

MAT 4017

(α, d) Levels

40-Zr-87

0 Kelvin Cross Sections



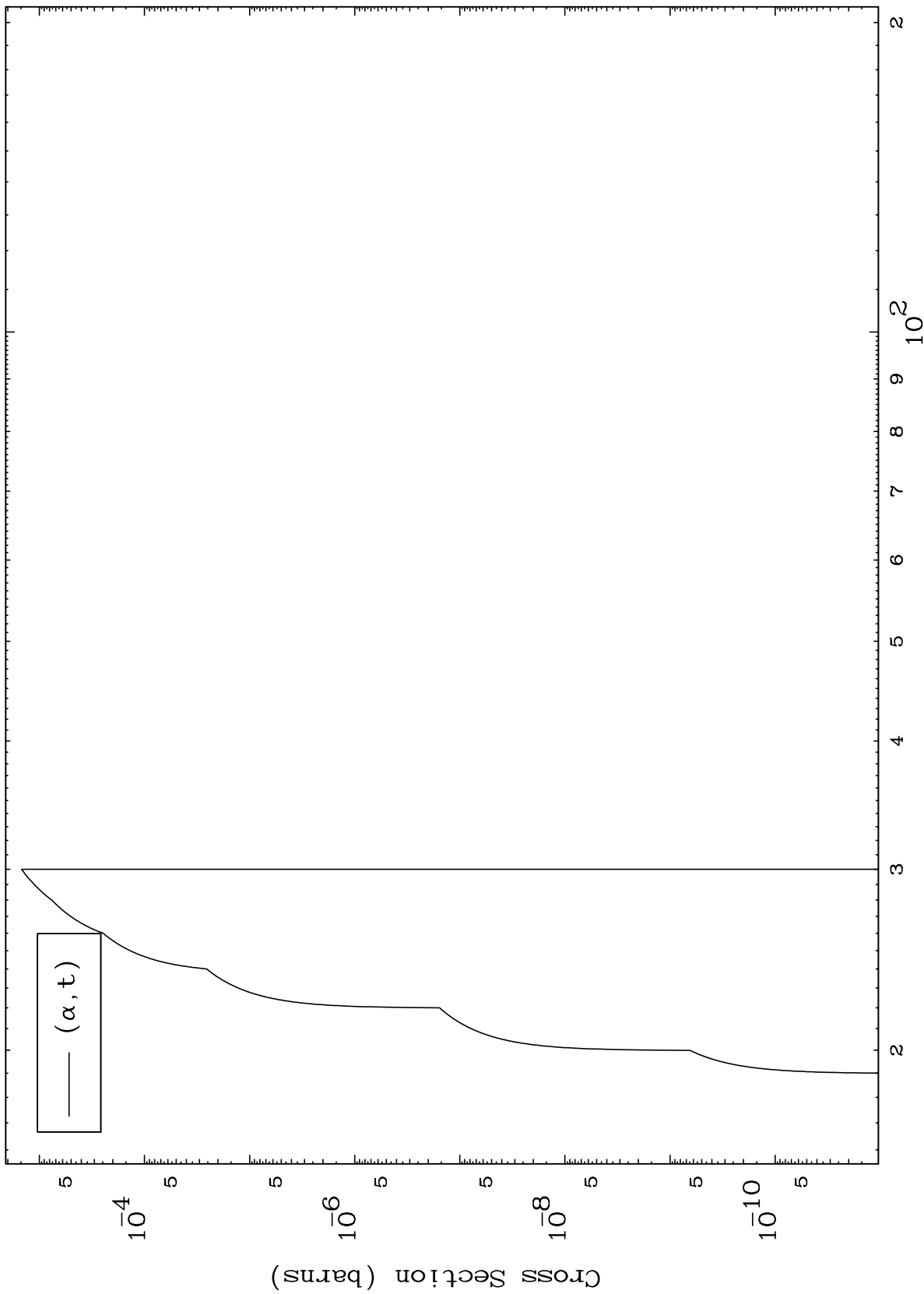
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

(α, t) Levels
0 Kelvin Cross Sections



8

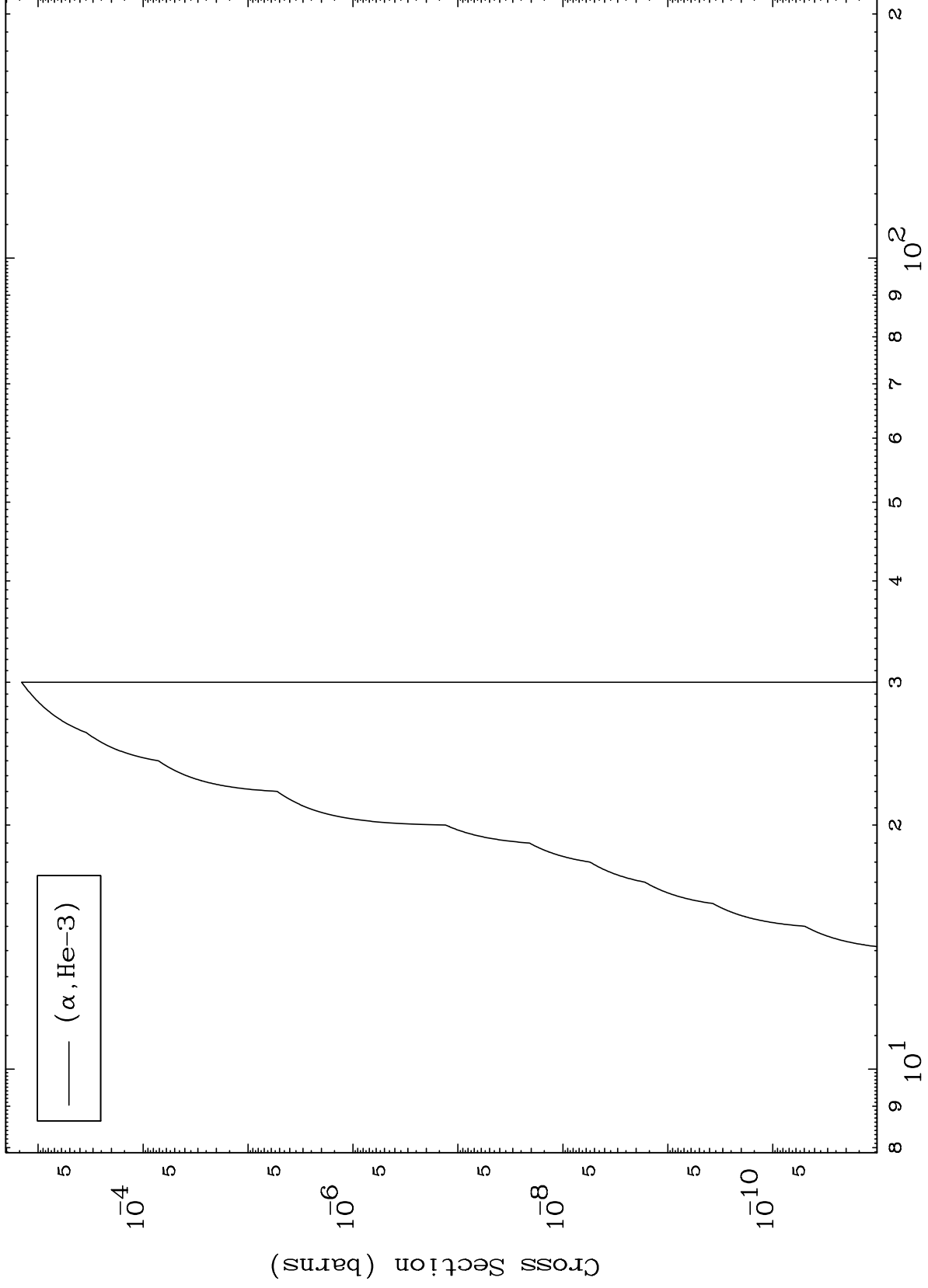
Incident Energy (MeV)

40-Zr-87

MAT 4017

(α ,He3) Levels
0 Kelvin Cross Sections

40-Zr-87



9

Incident Energy (MeV)

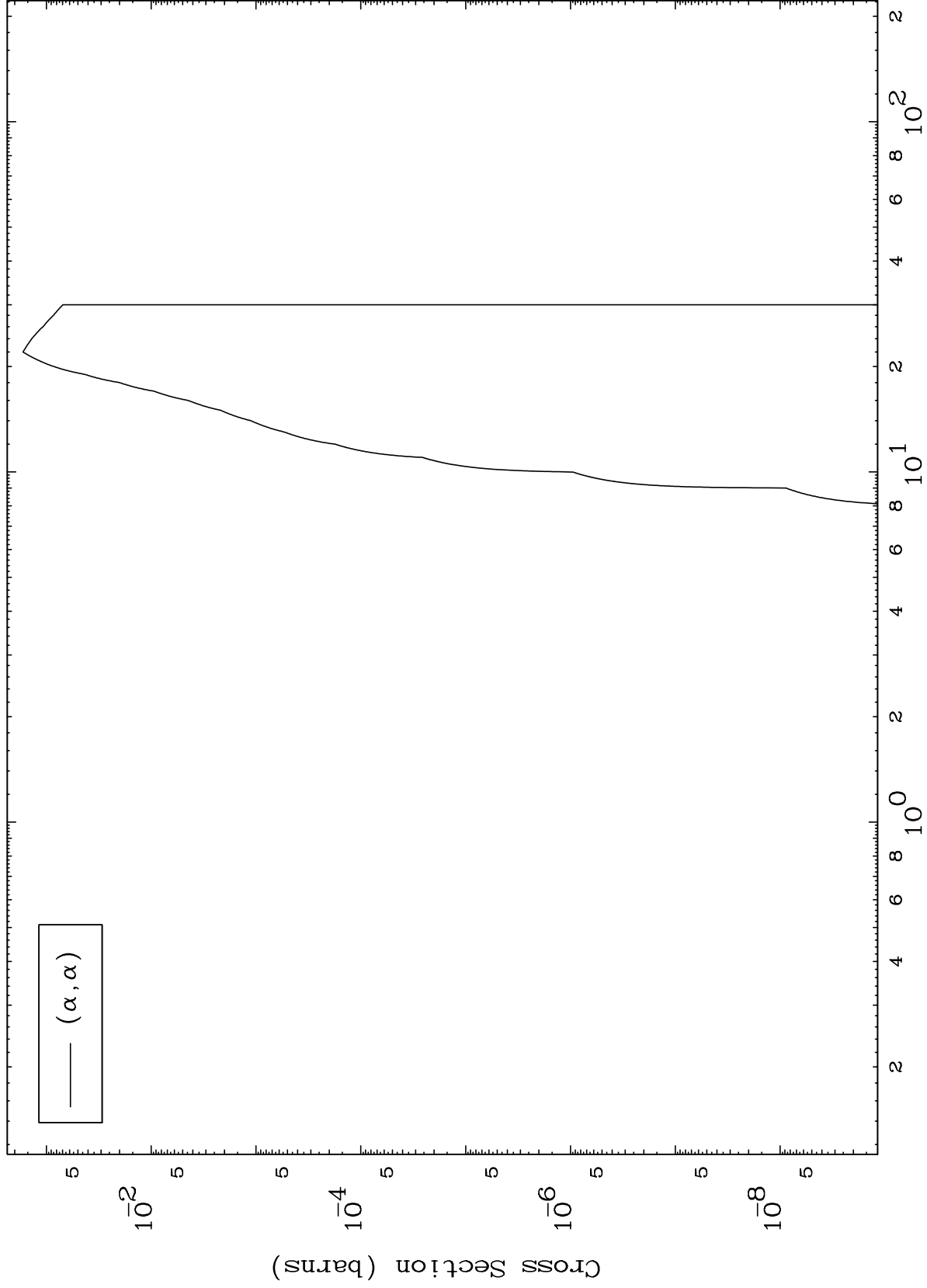
40-Zr-87

MAT 4017

(α, α) Levels

40-Zr-87

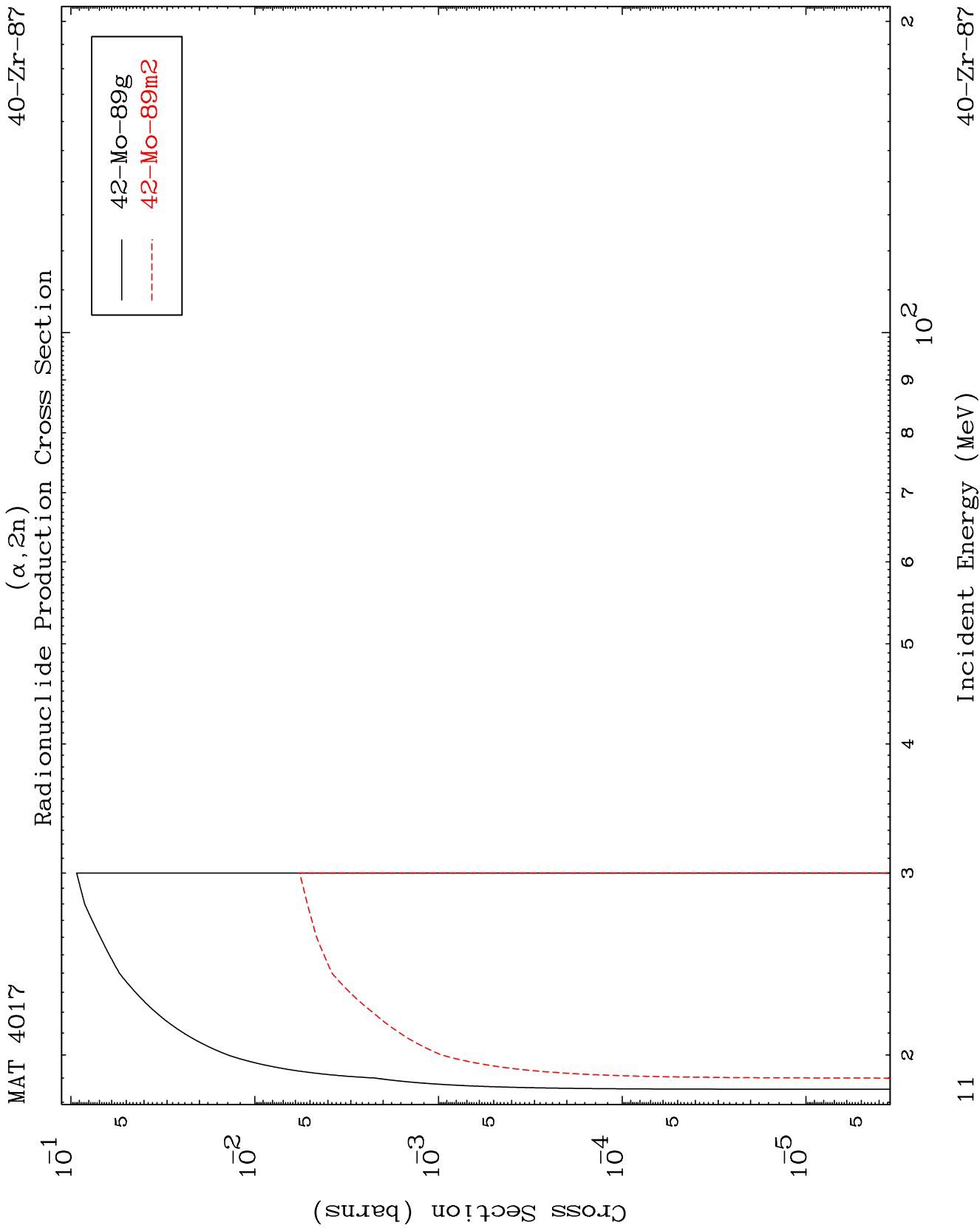
0 Kelvin Cross Sections

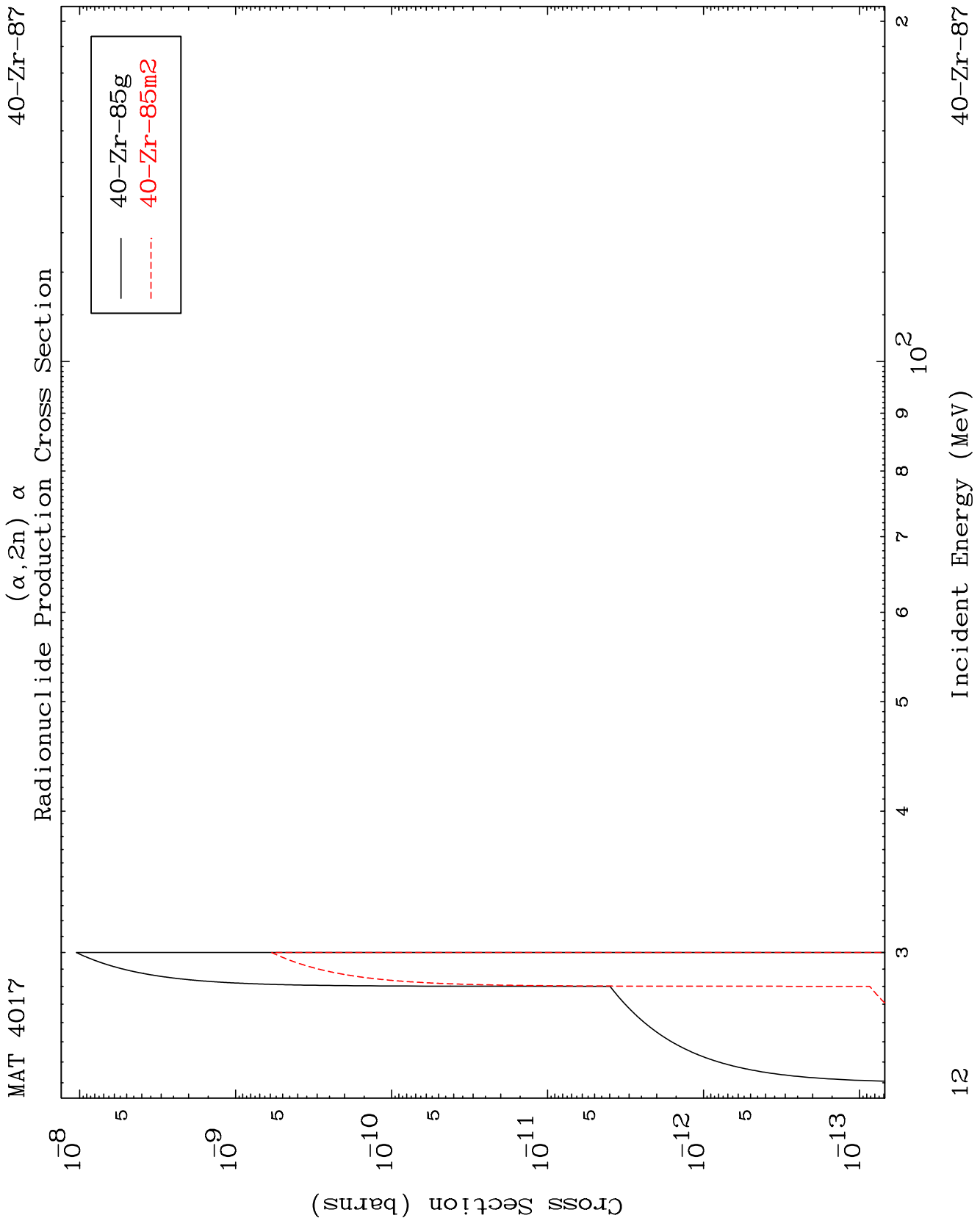


10

Incident Energy (MeV)

40-Zr-87



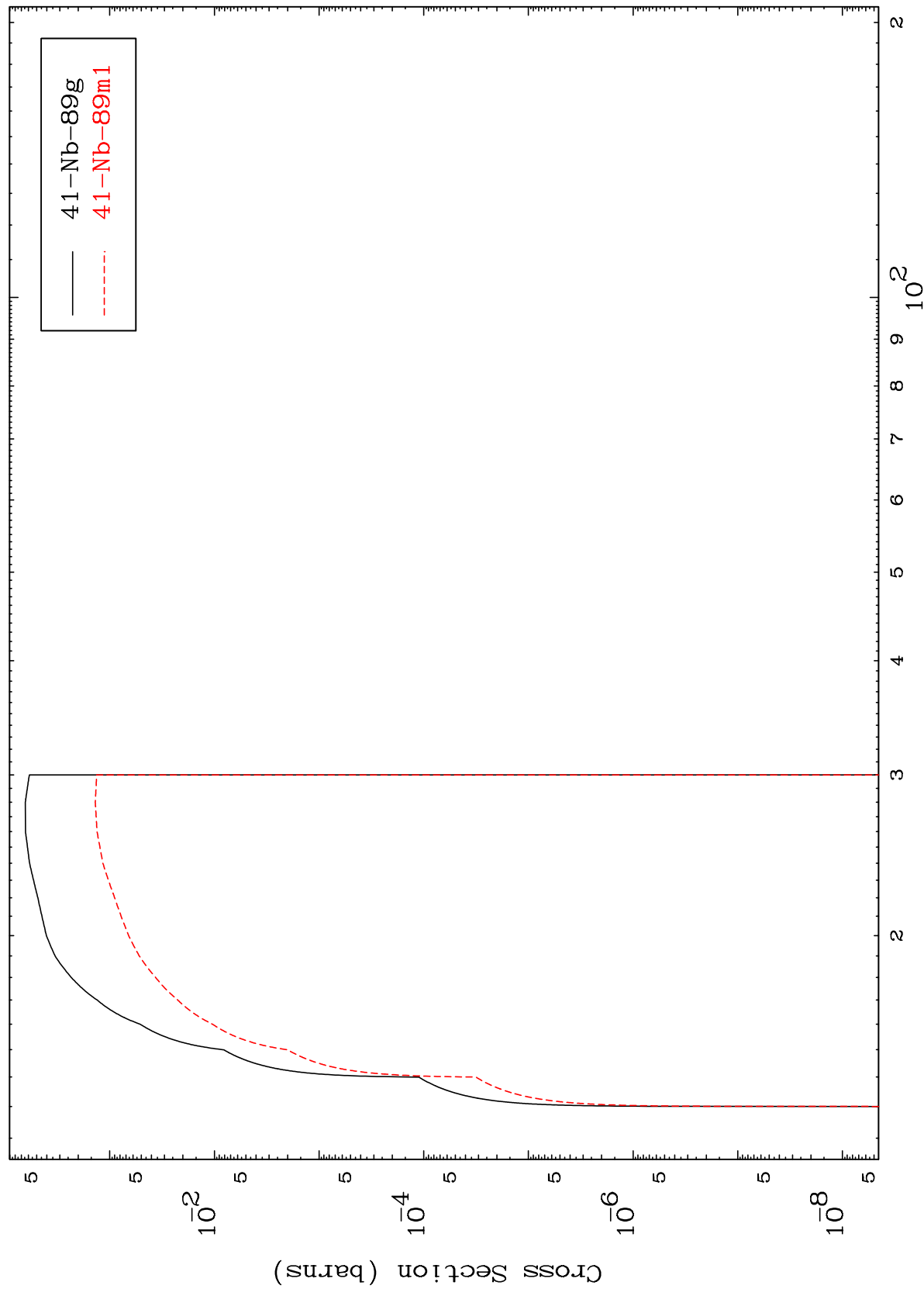


MAT 4017

(α, n') p

40-Zr-87

Radionuclide Production Cross Section



41-Nb-89g
41-Nb-89m1

13

Incident Energy (MeV)

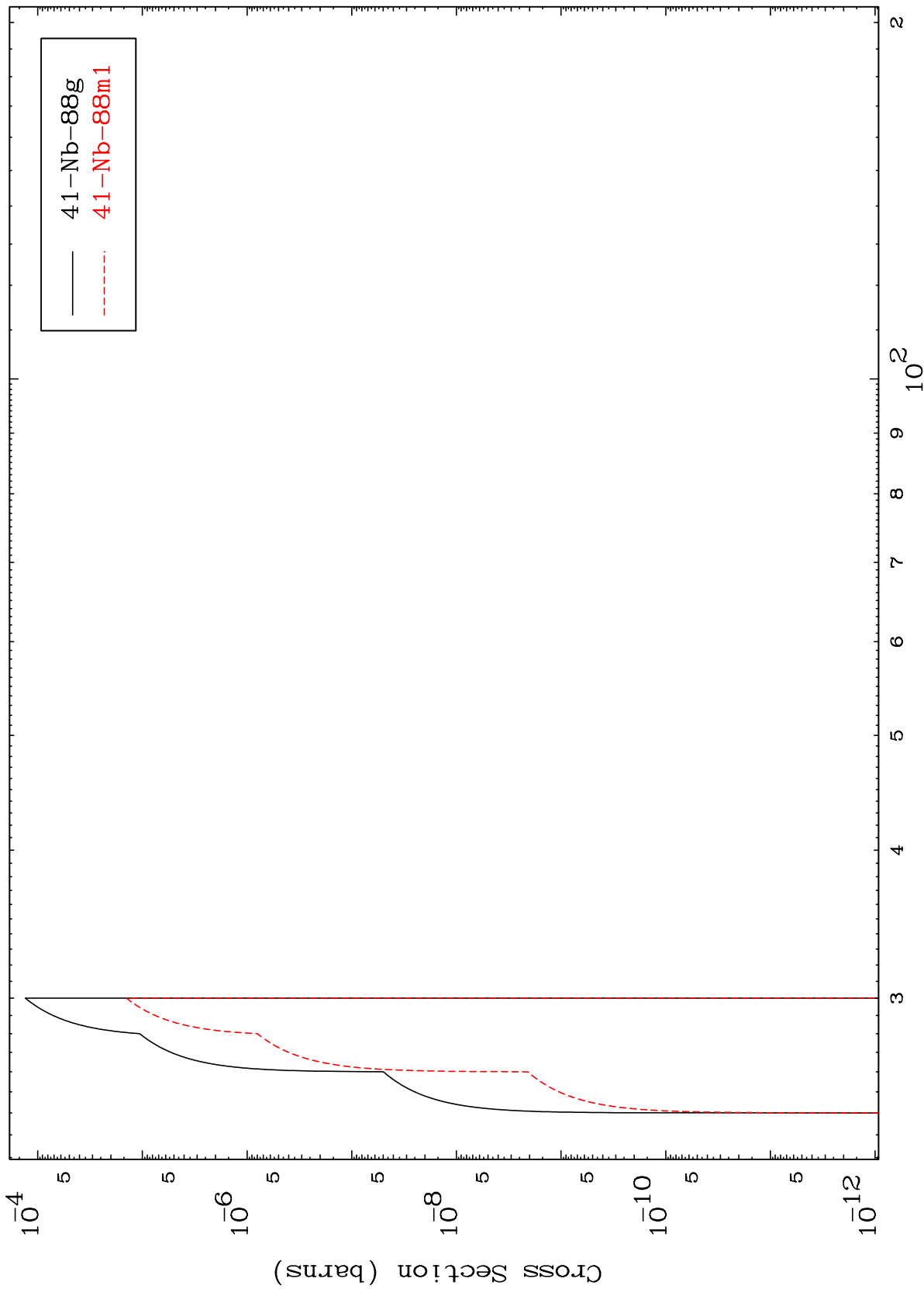
40-Zr-87

MAT 4017

(α, n') d

40-Zr-87

Radionuclide Production Cross Section



14

Incident Energy (MeV)

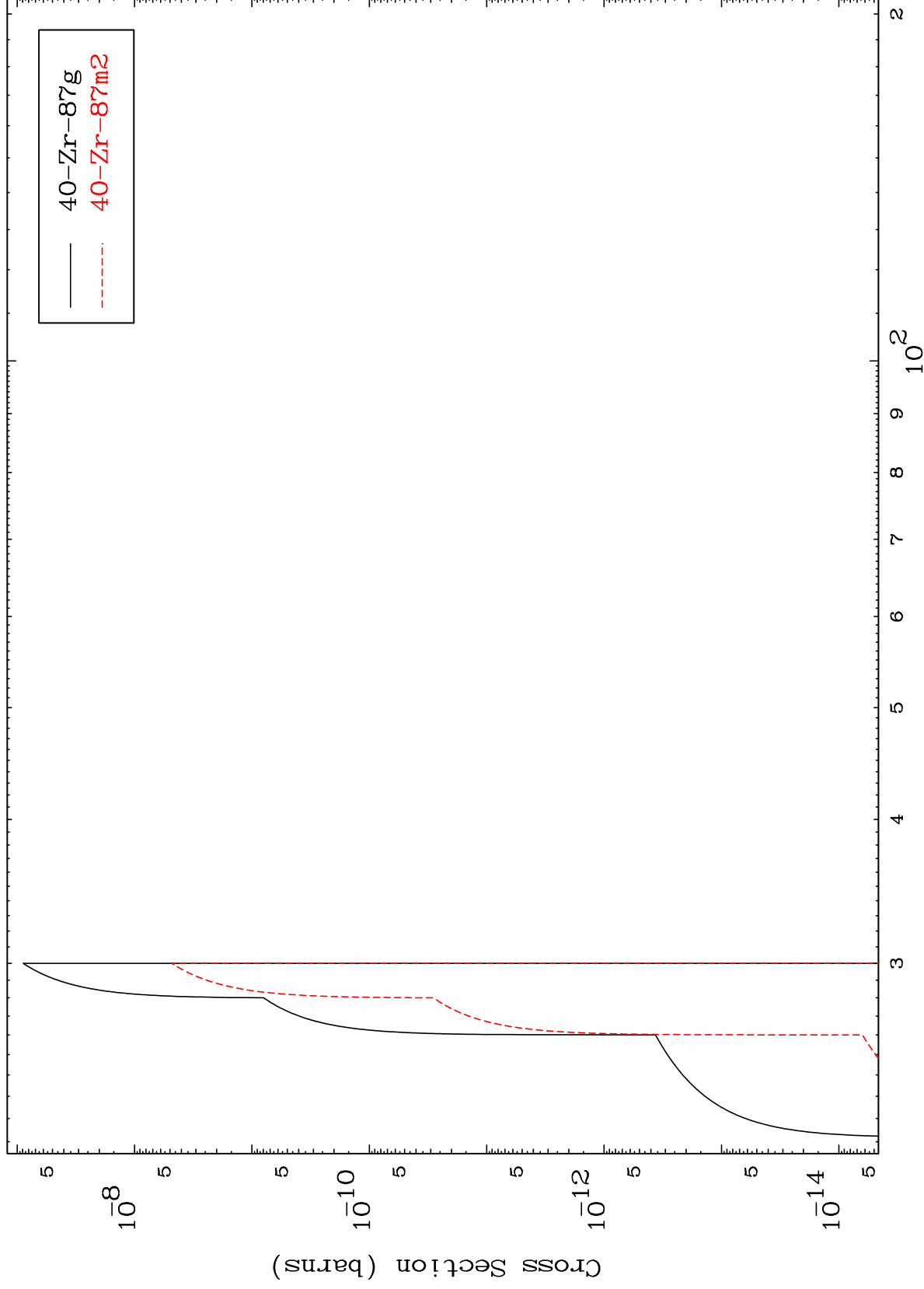
40-Zr-87

MAT 4017

(α, n') He-3

40-Zr-87

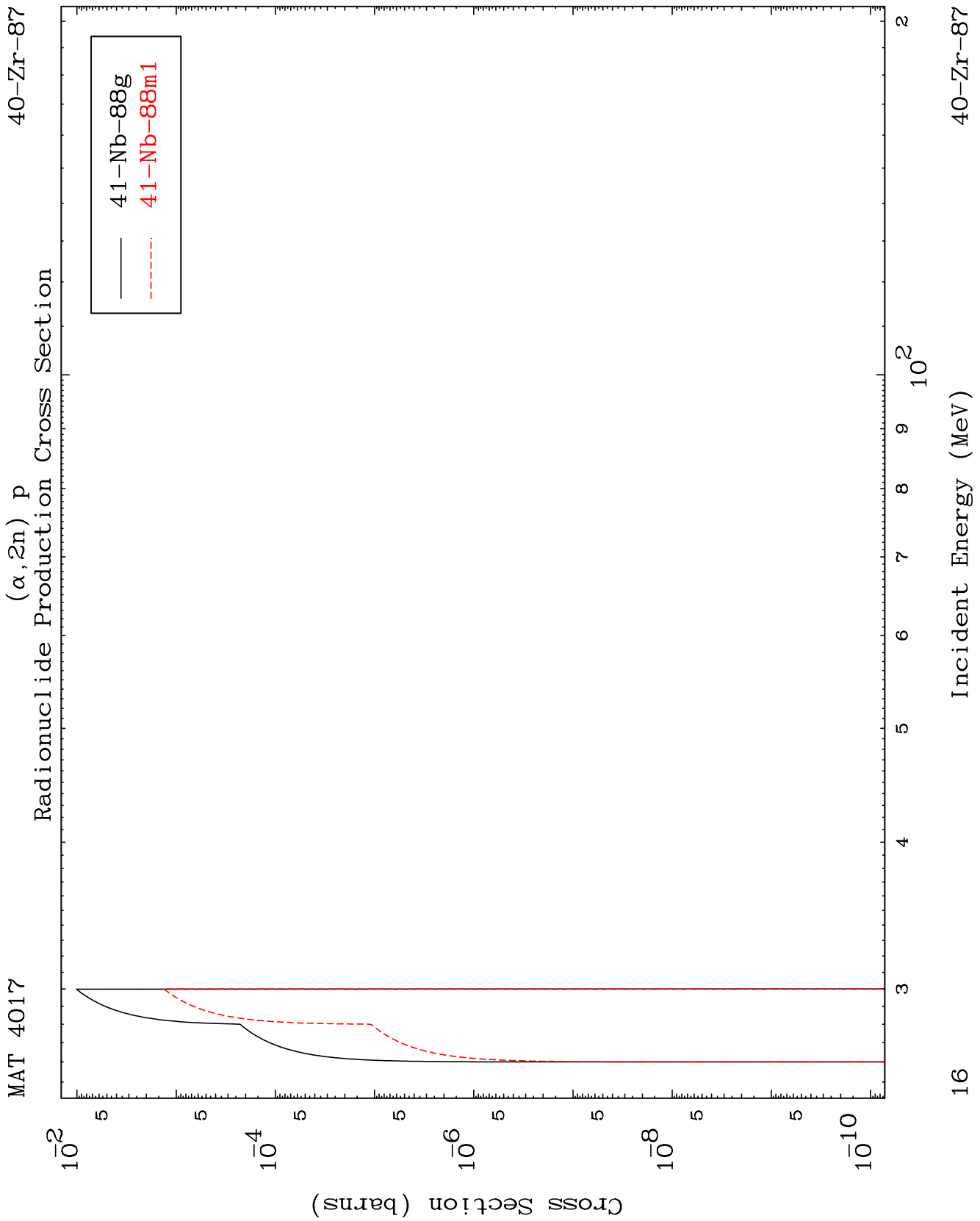
Radionuclide Production Cross Section



15

Incident Energy (MeV)

40-Zr-87

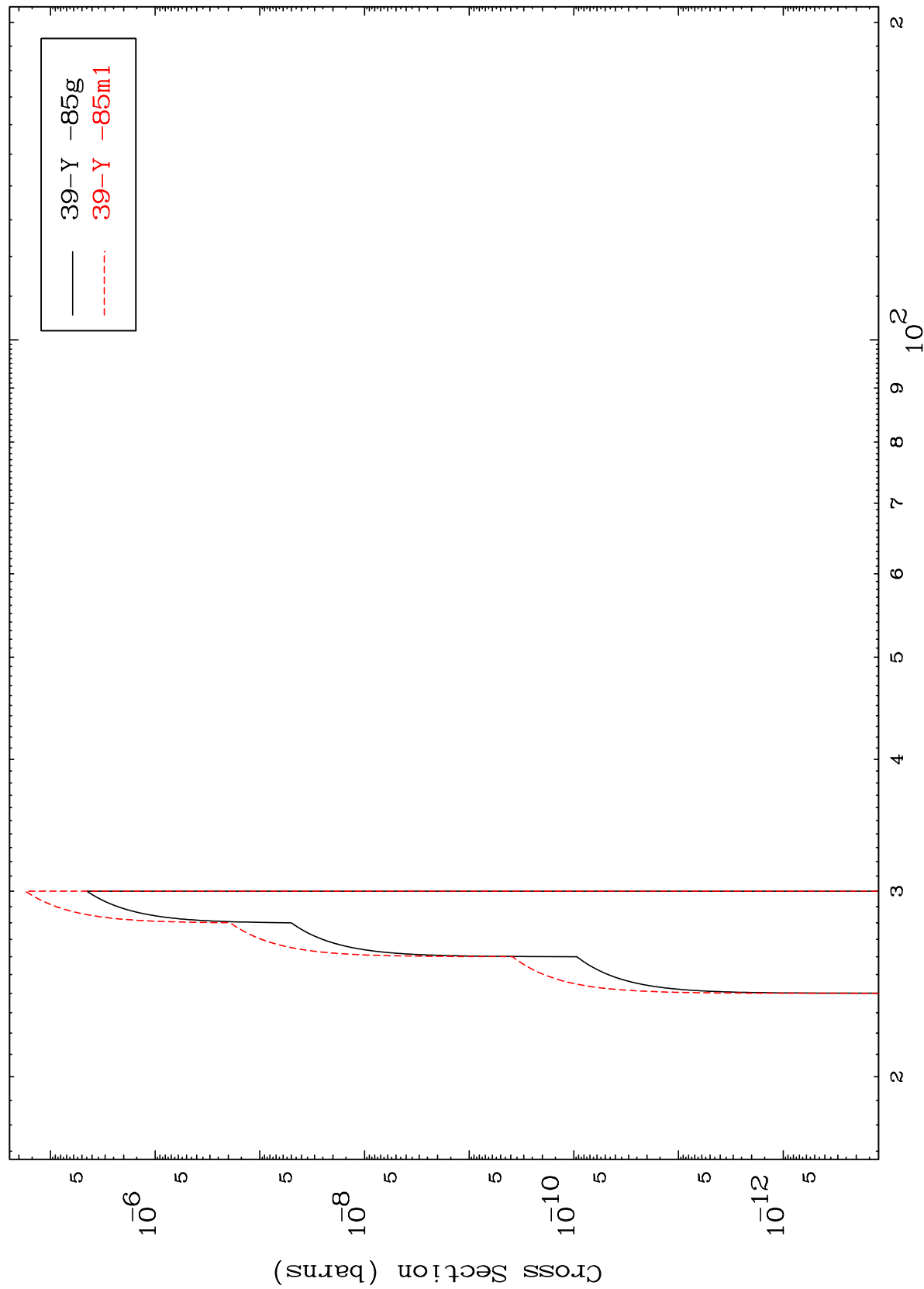


MAT 4017

(α, n') p α

40-Zr-87

Radionuclide Production Cross Section



17

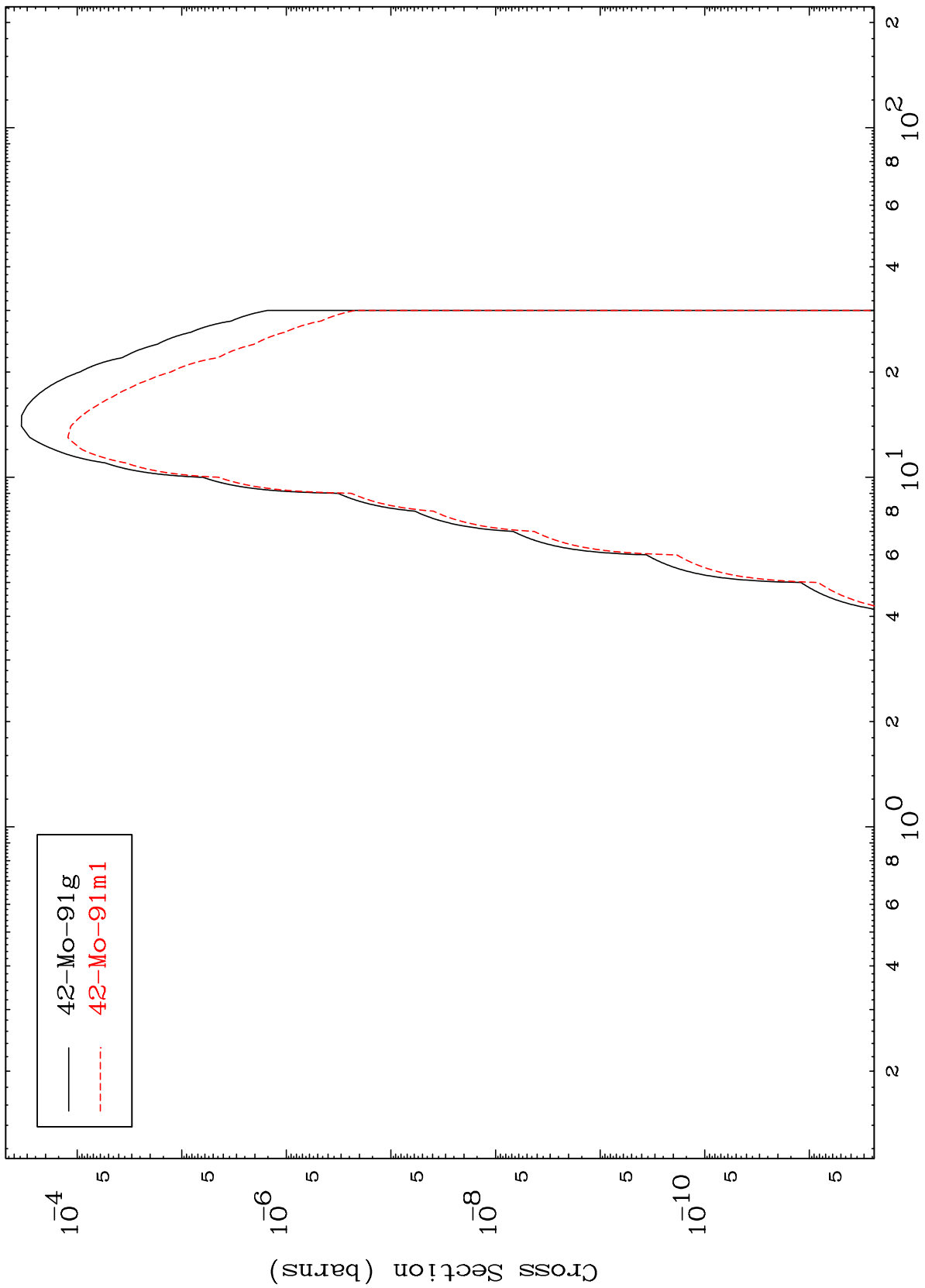
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

(α, γ)
Radionuclide Production Cross Section



40-Zr-87

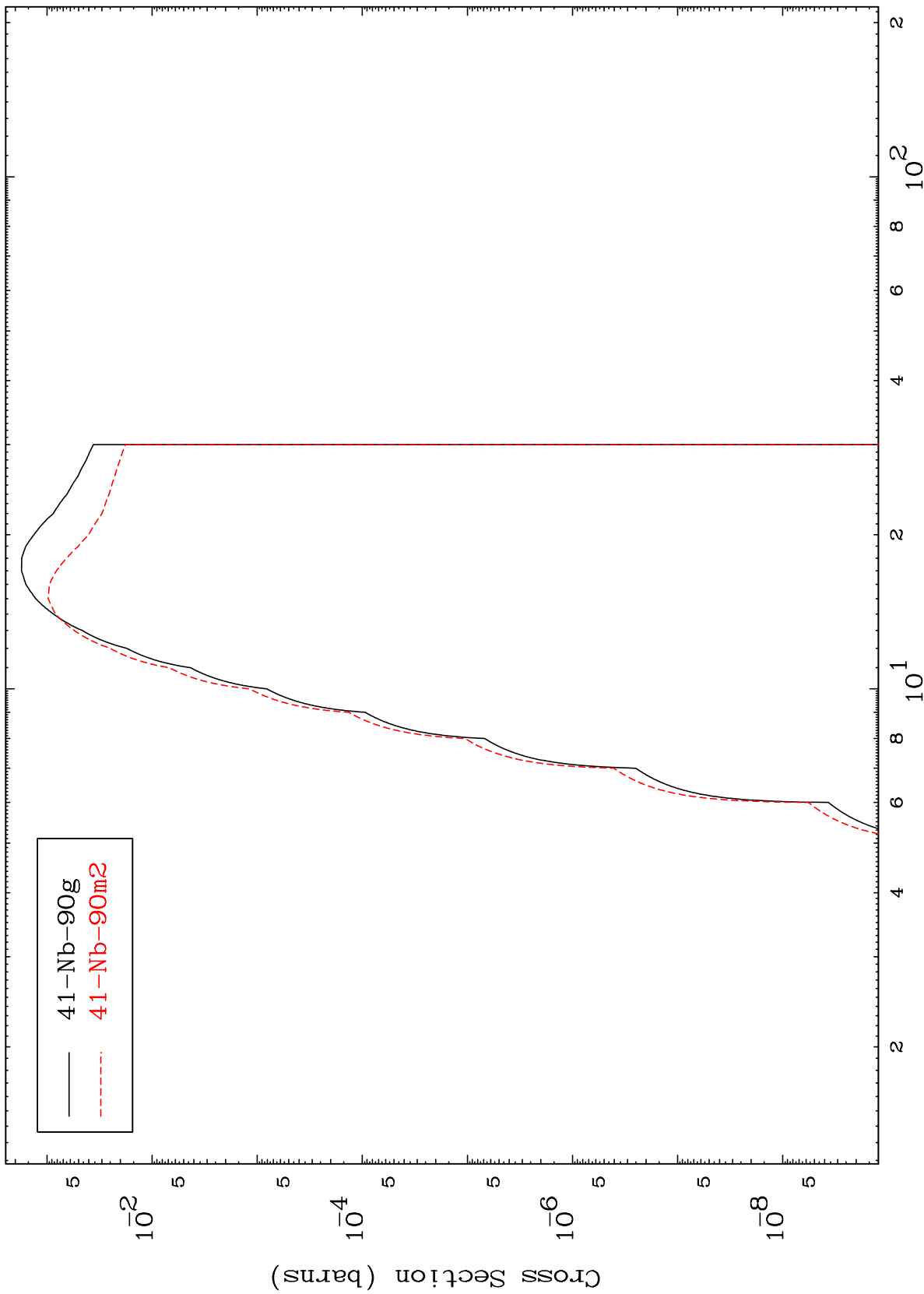
Incident Energy (MeV)

18

MAT 4017

40-Zr-87

(α, p)
Radionuclide Production Cross Section



19

40-Zr-87

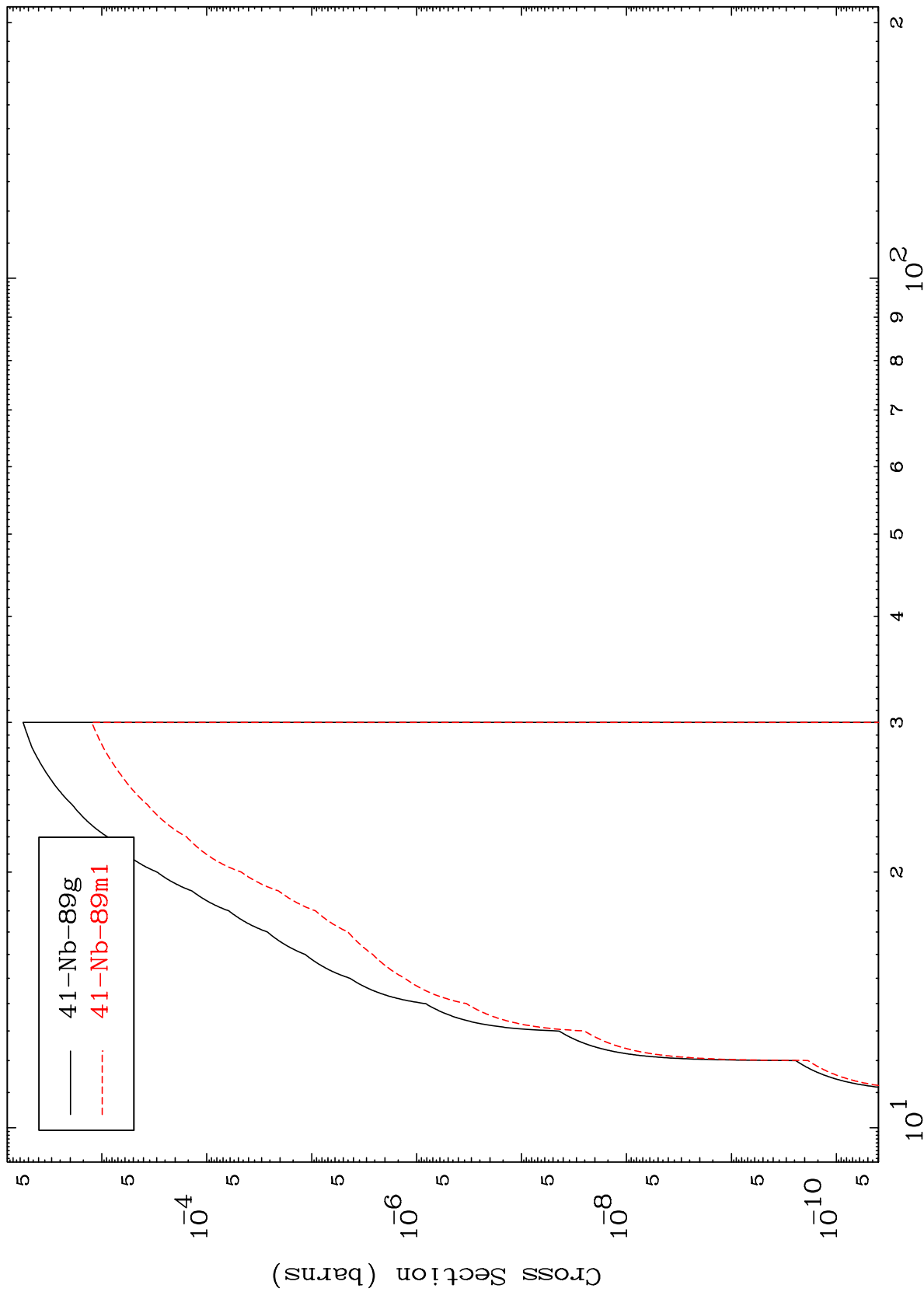
Incident Energy (MeV)

MAT 4017

(α, d)

40-Zr-87

Radionuclide Production Cross Section



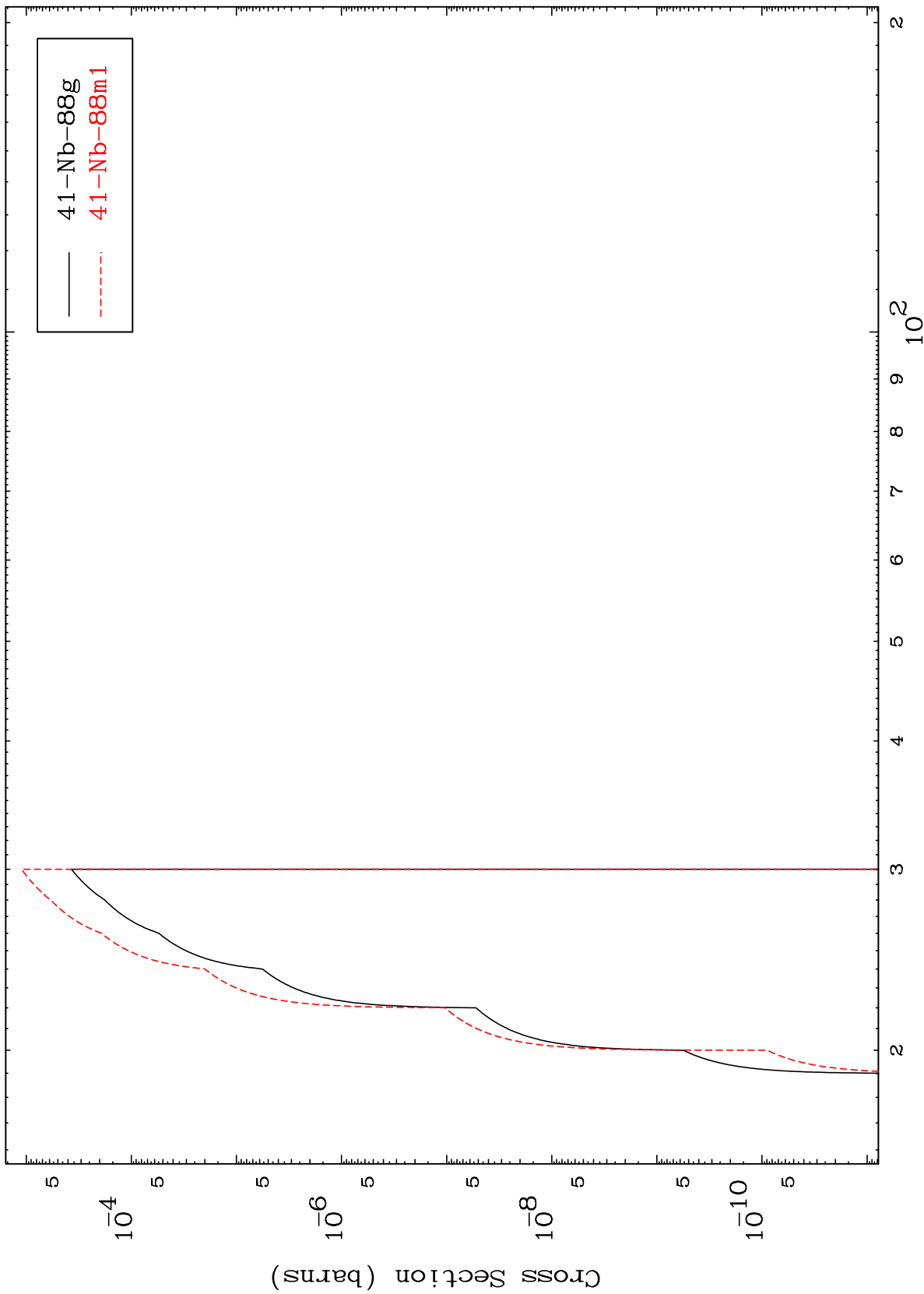
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

(α, t)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

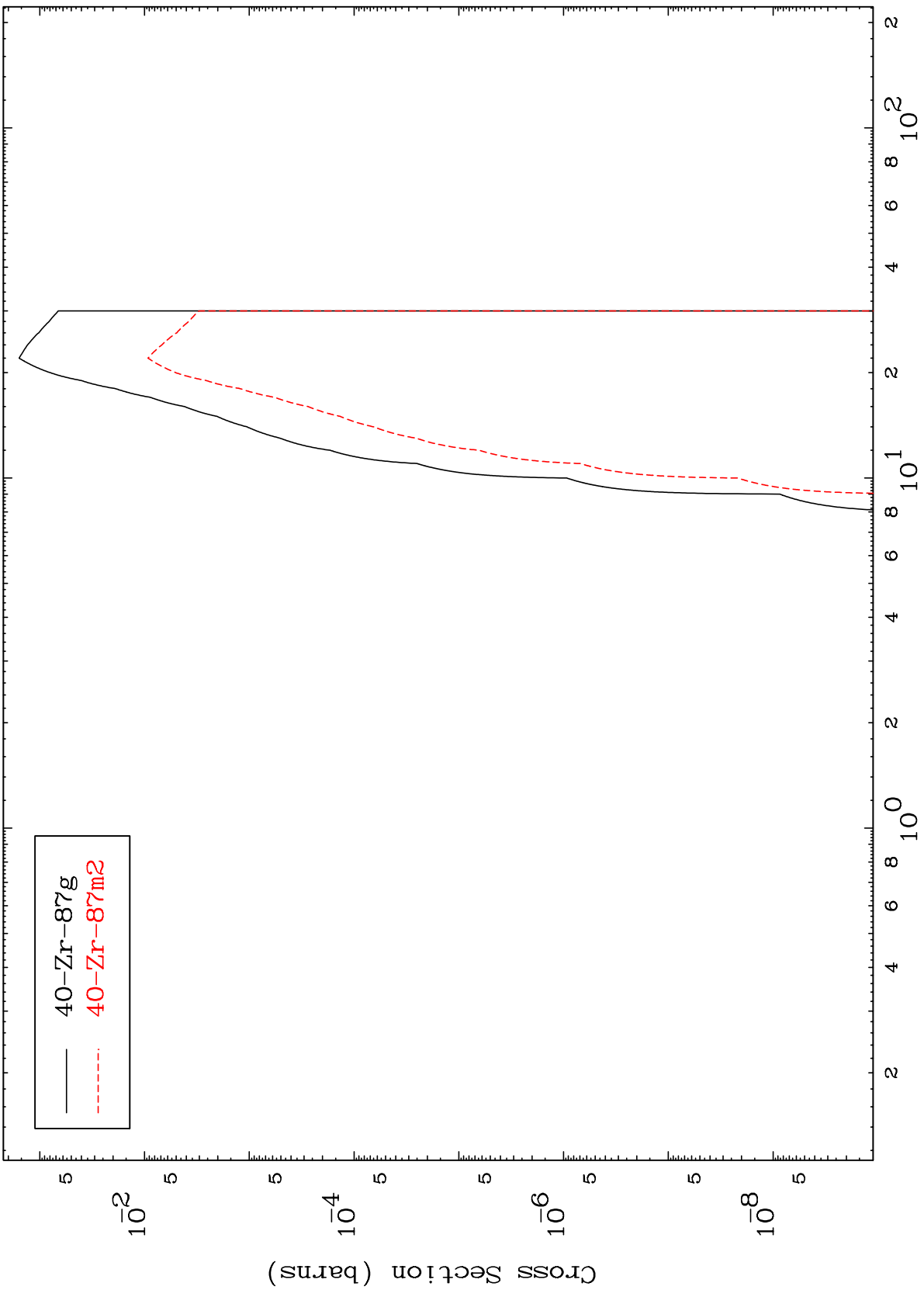
40-Zr-87

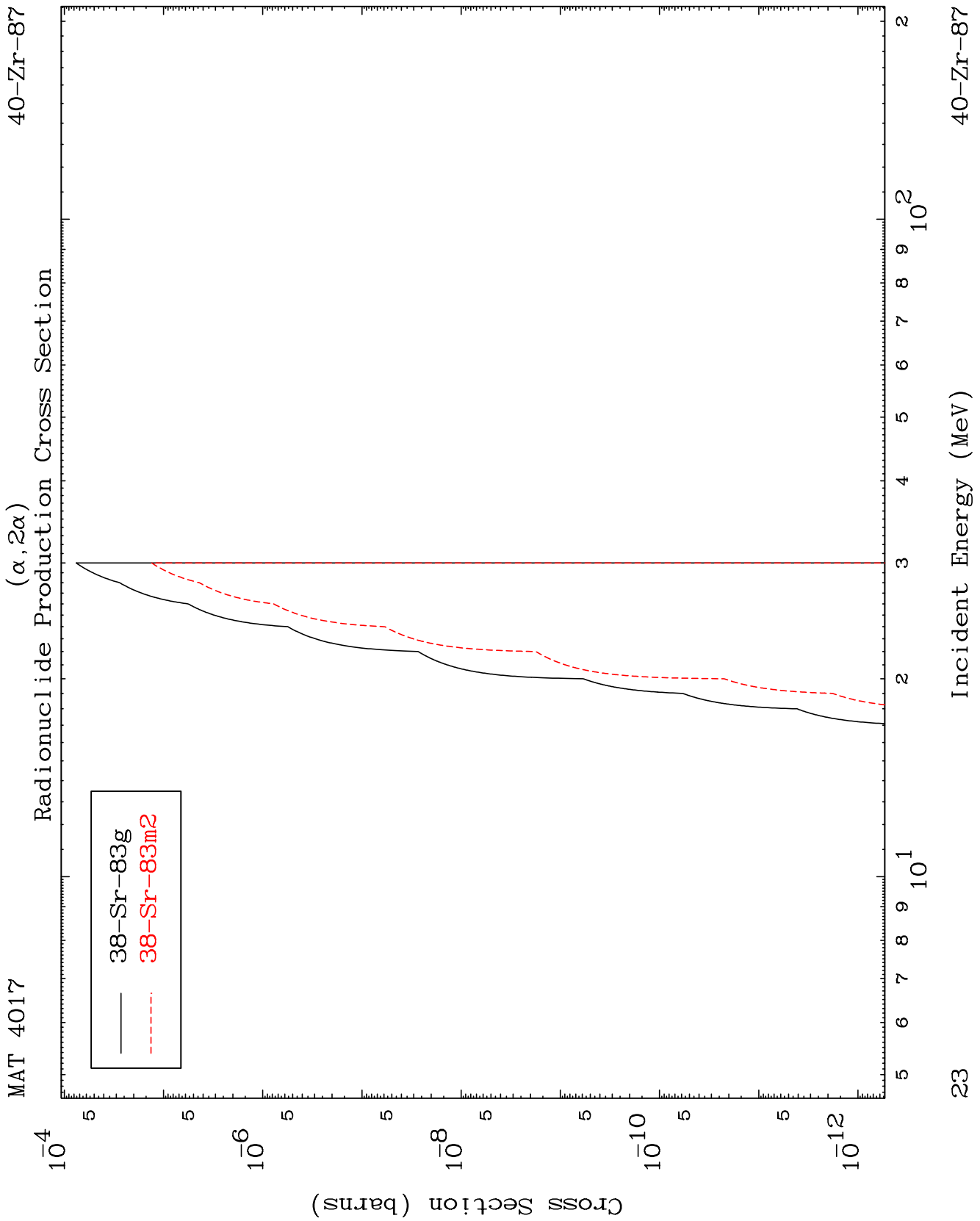
MAT 4017

(α, α)

40-Zr-87

Radionuclide Production Cross Section

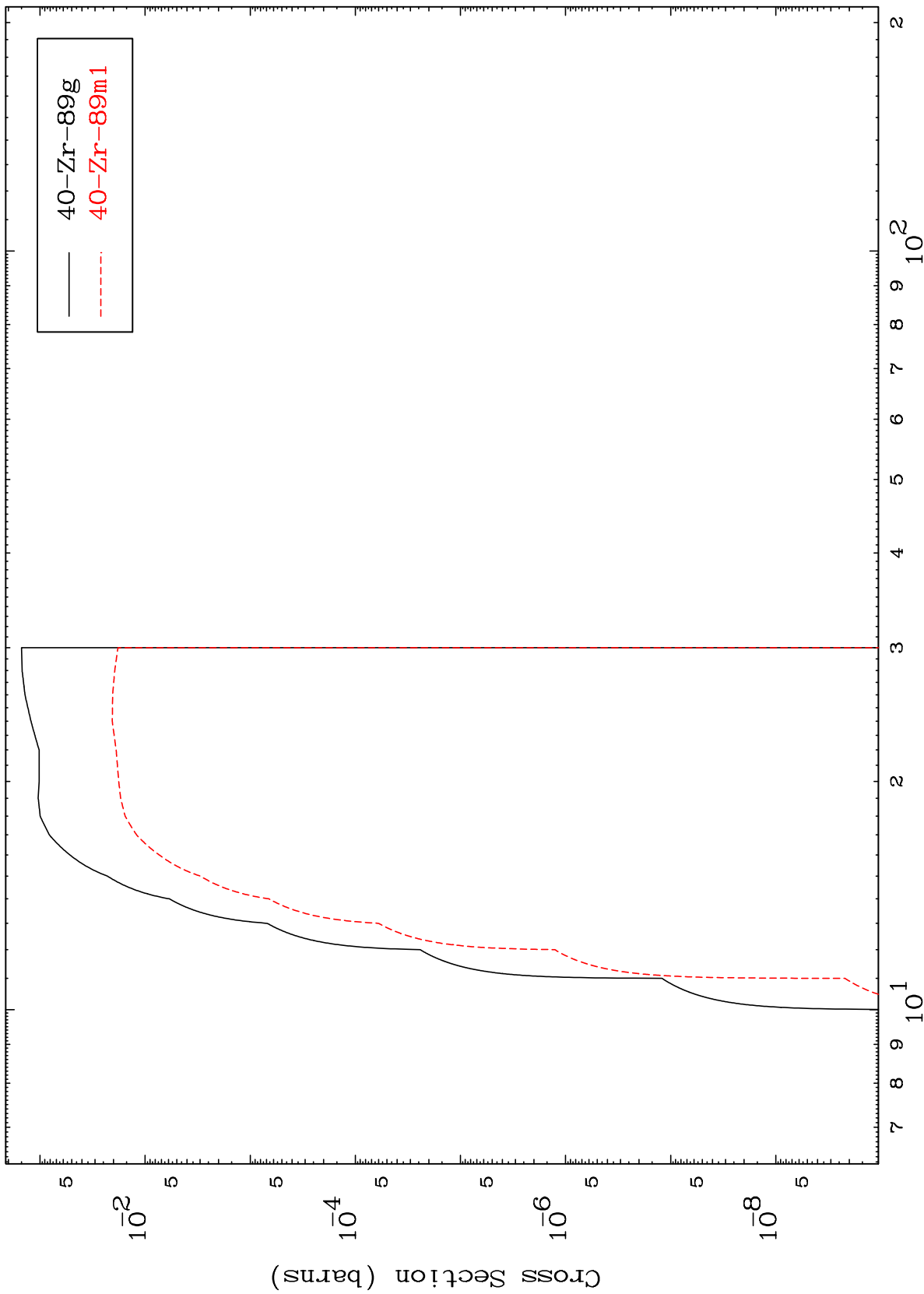




MAT 4017

40-Zr-87

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



24

Incident Energy (MeV)

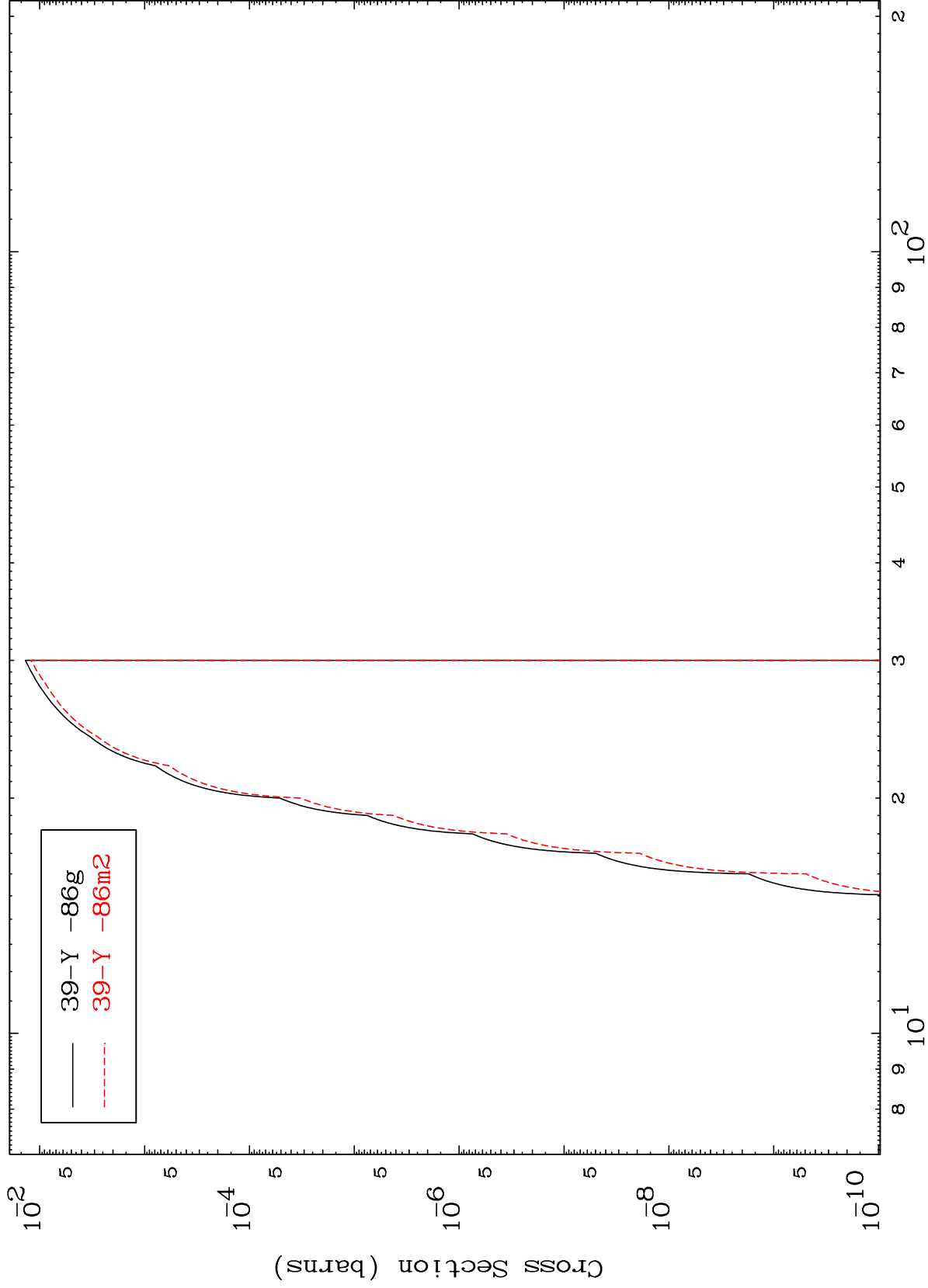
40-Zr-87

MAT 4017

(α, p) α

40-Zr-87

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-87

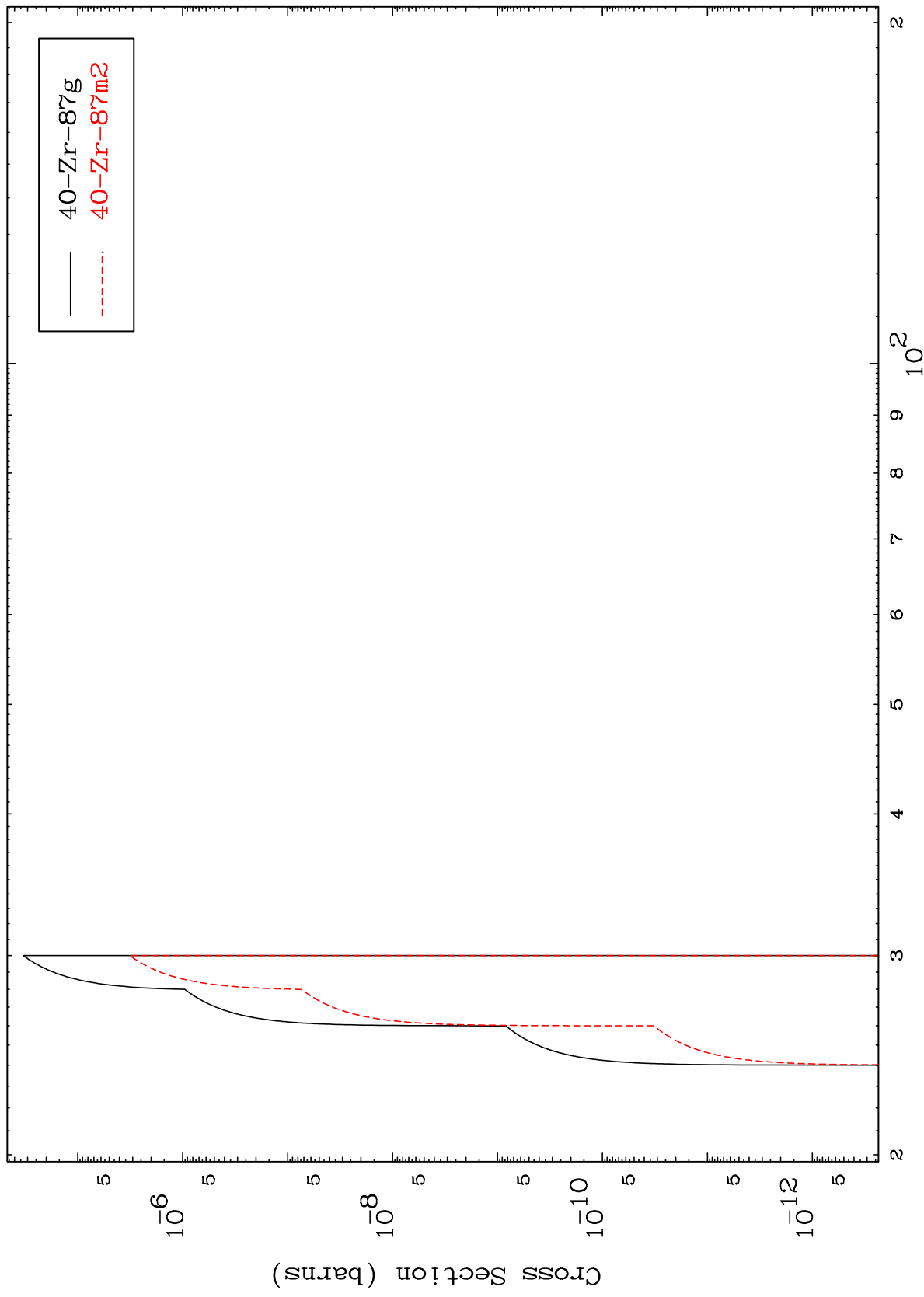
25

MAT 4017

(α, p) t

40-Zr-87

Radionuclide Production Cross Section



26

Incident Energy (MeV)

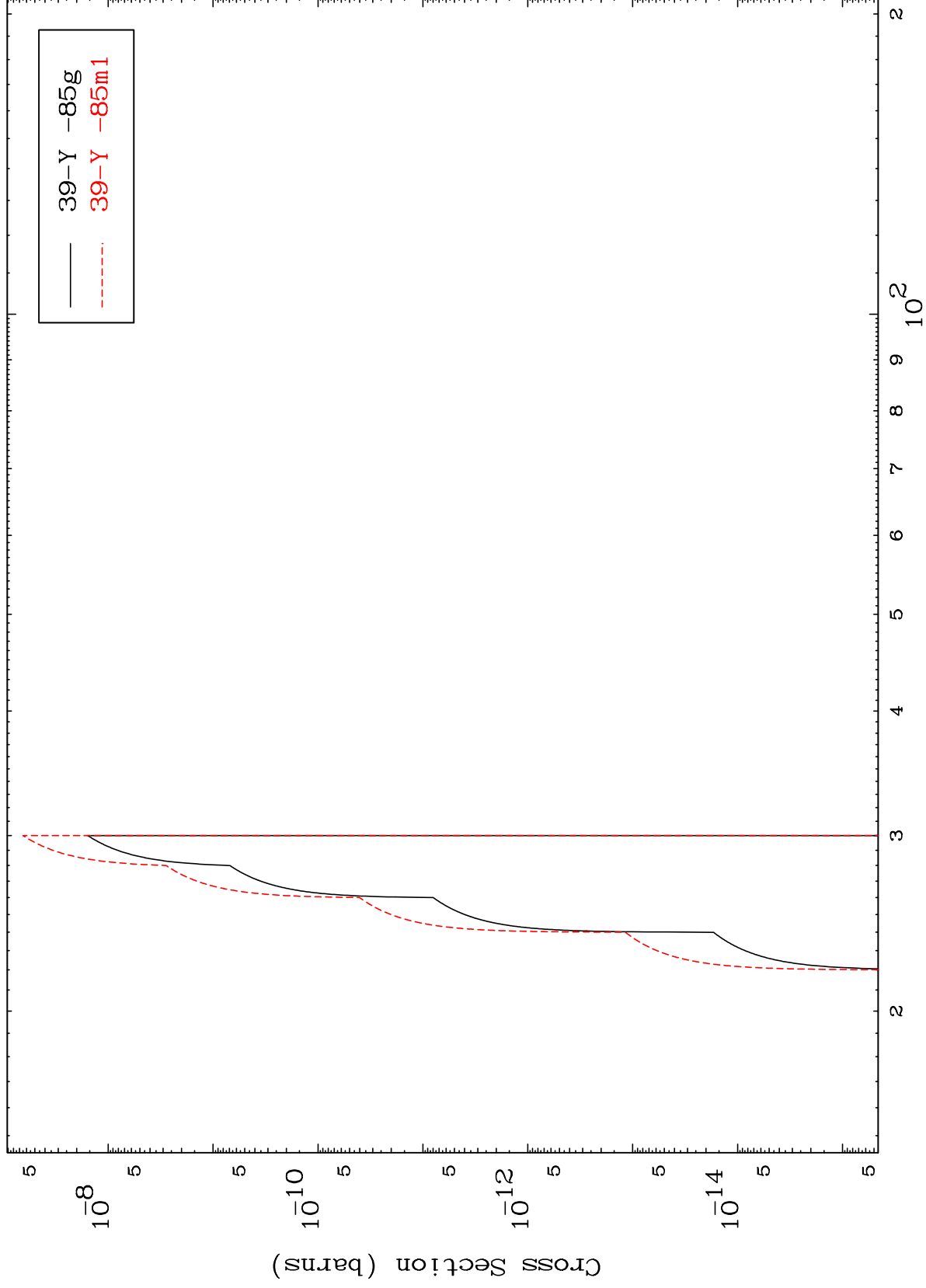
40-Zr-87

MAT 4017

(α, d) α

40-Zr-87

Radionuclide Production Cross Section



27

Incident Energy (MeV)

40-Zr-87