

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

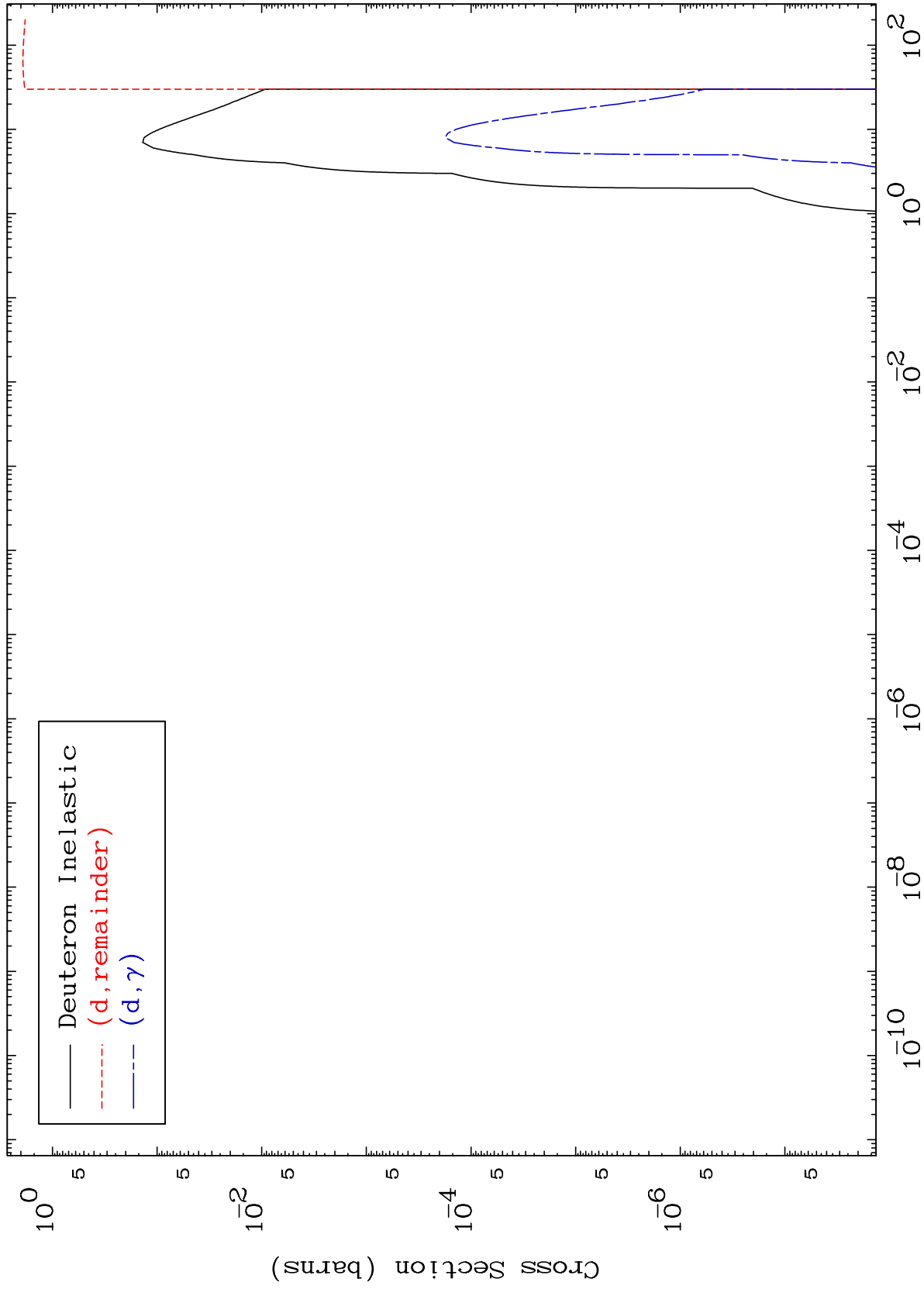
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

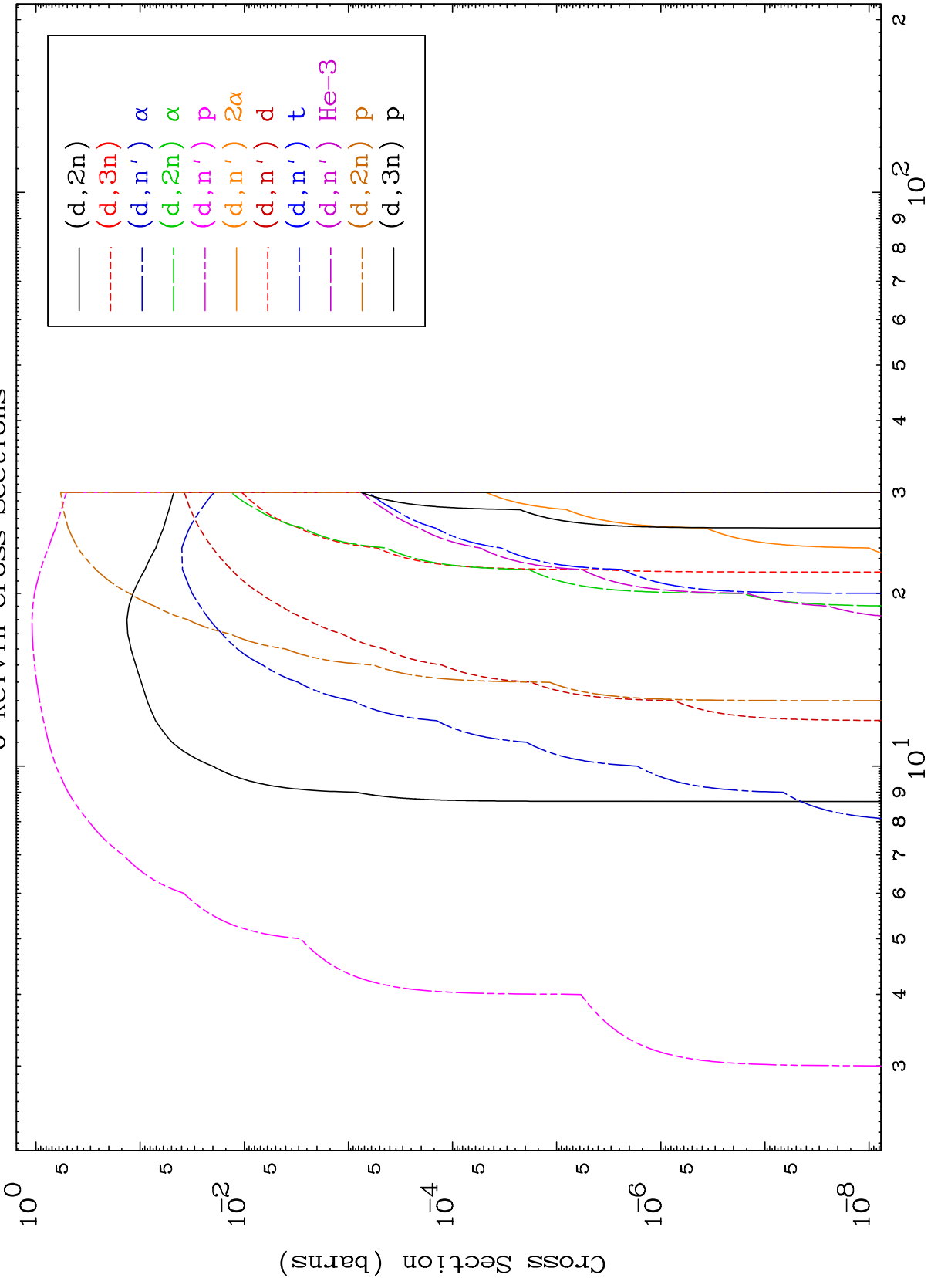
Press Mouse Button to Start

MAT 4016

Deuteron Major
0 Kelvin Cross Sections

40-Zr-87

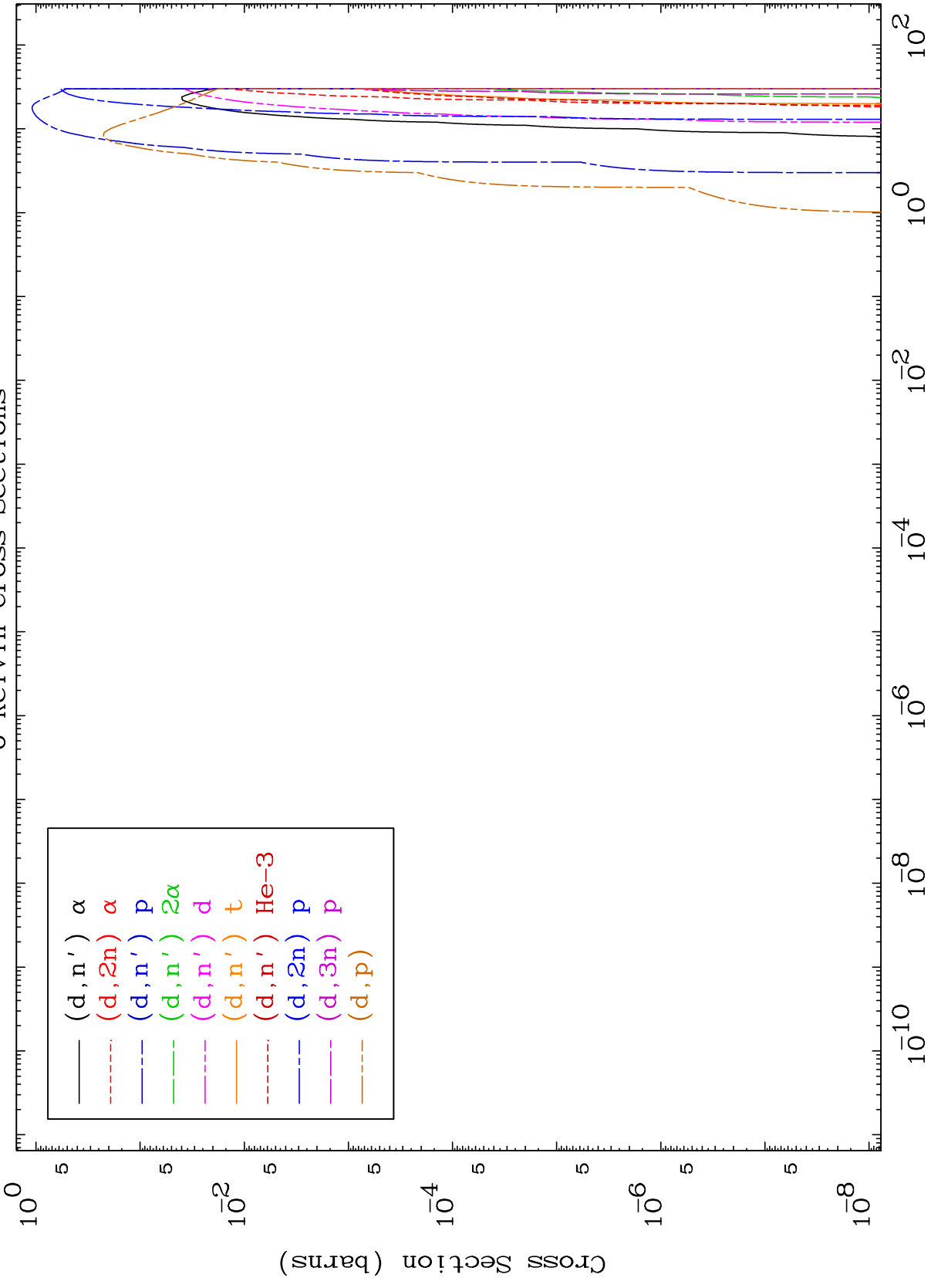




MAT 4016

Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-87

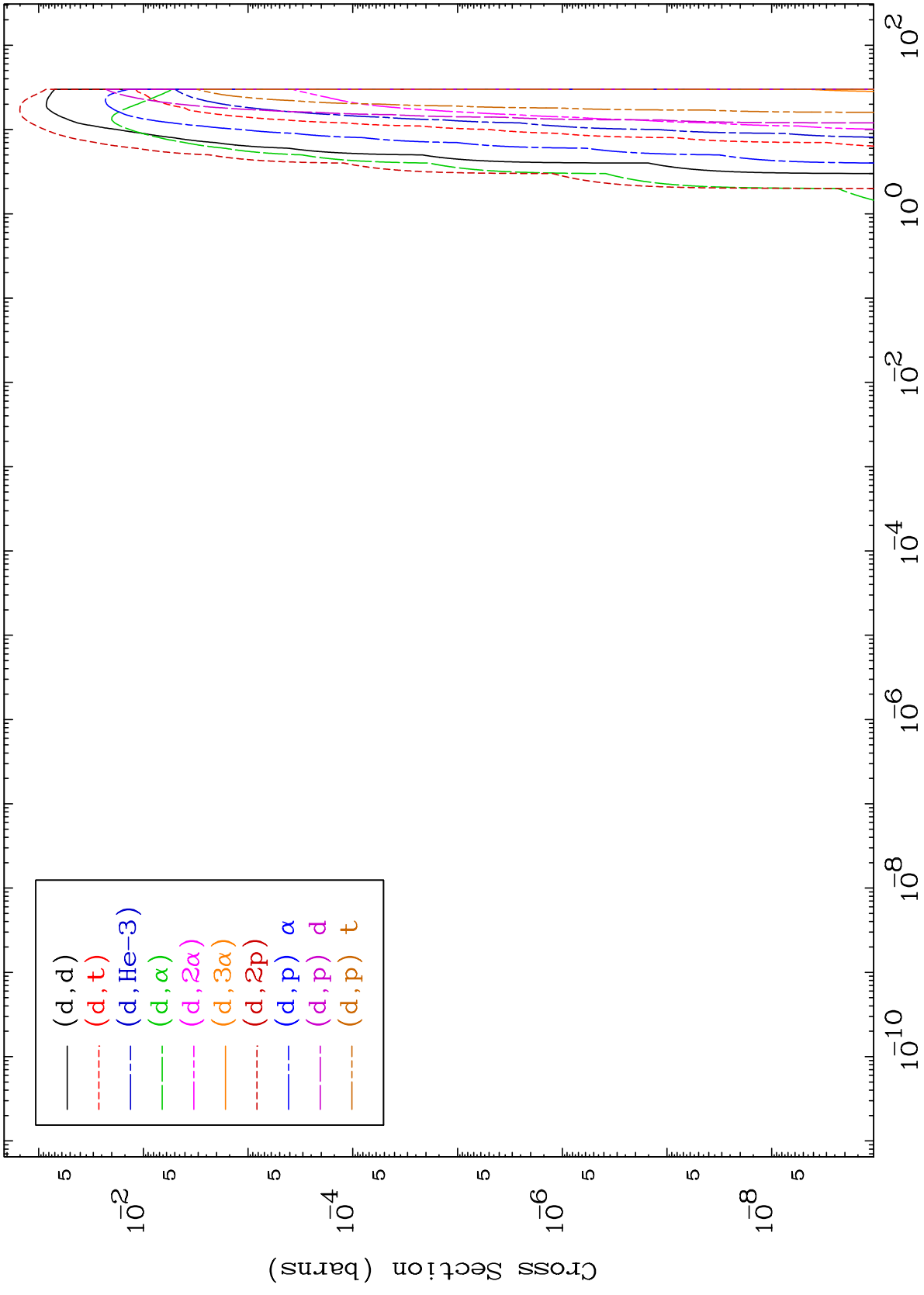


40-Zr-87

MAT 4016

Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-87

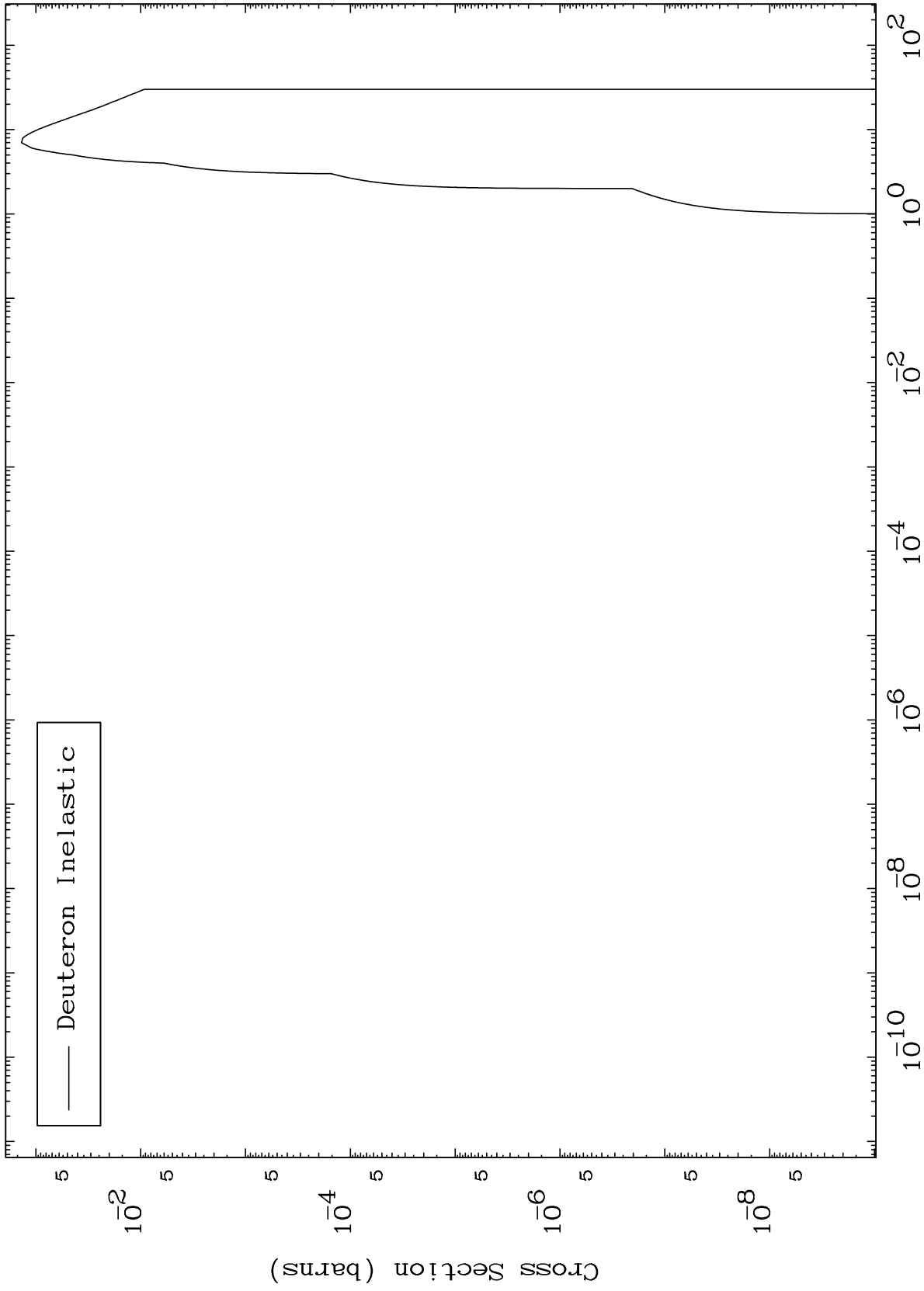


40-Zr-87

MAT 4016

(d,n') Level
0 Kelvin Cross Sections

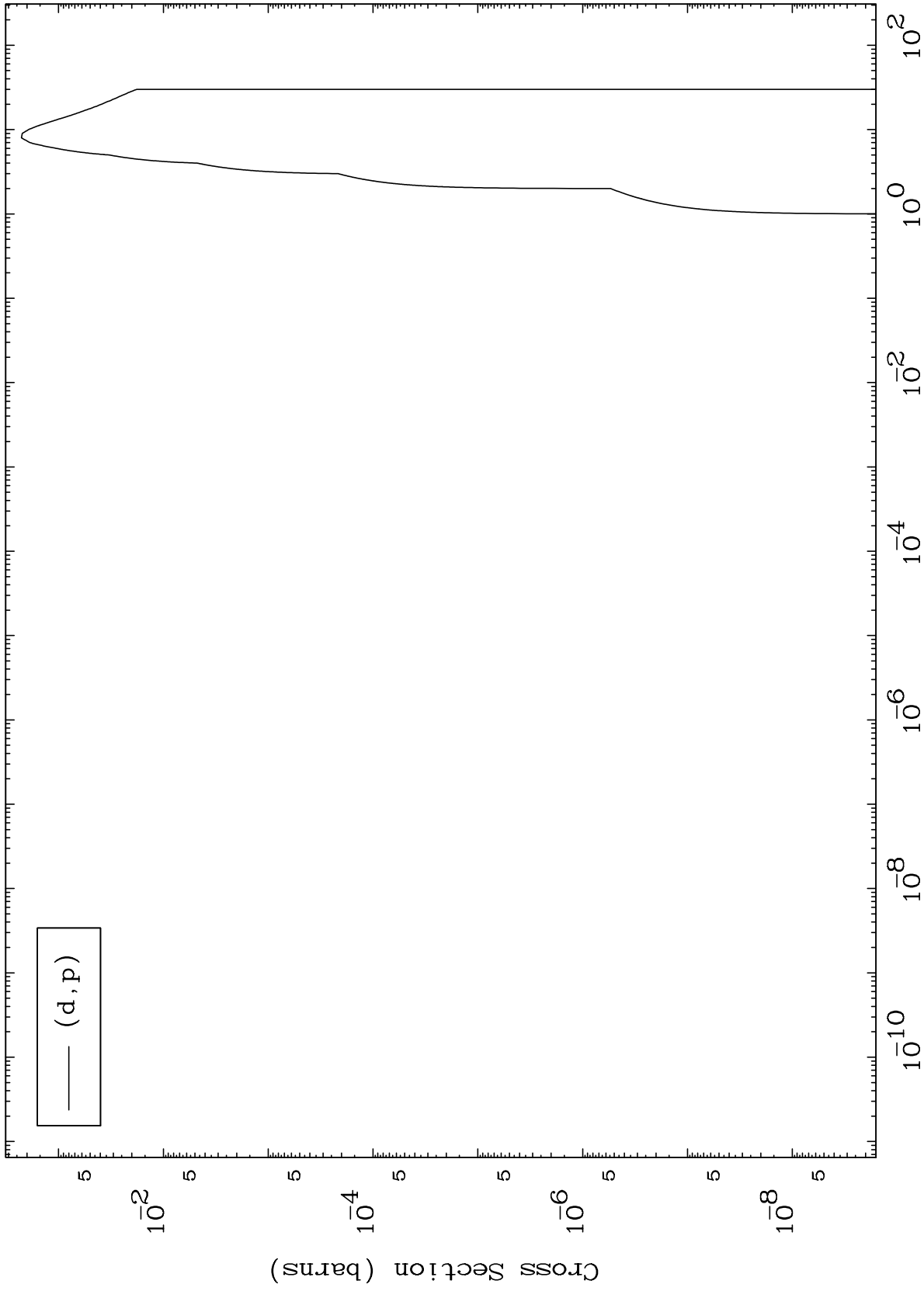
40-Zr-87



MAT 4016

(d,p) Levels
0 Kelvin Cross Sections

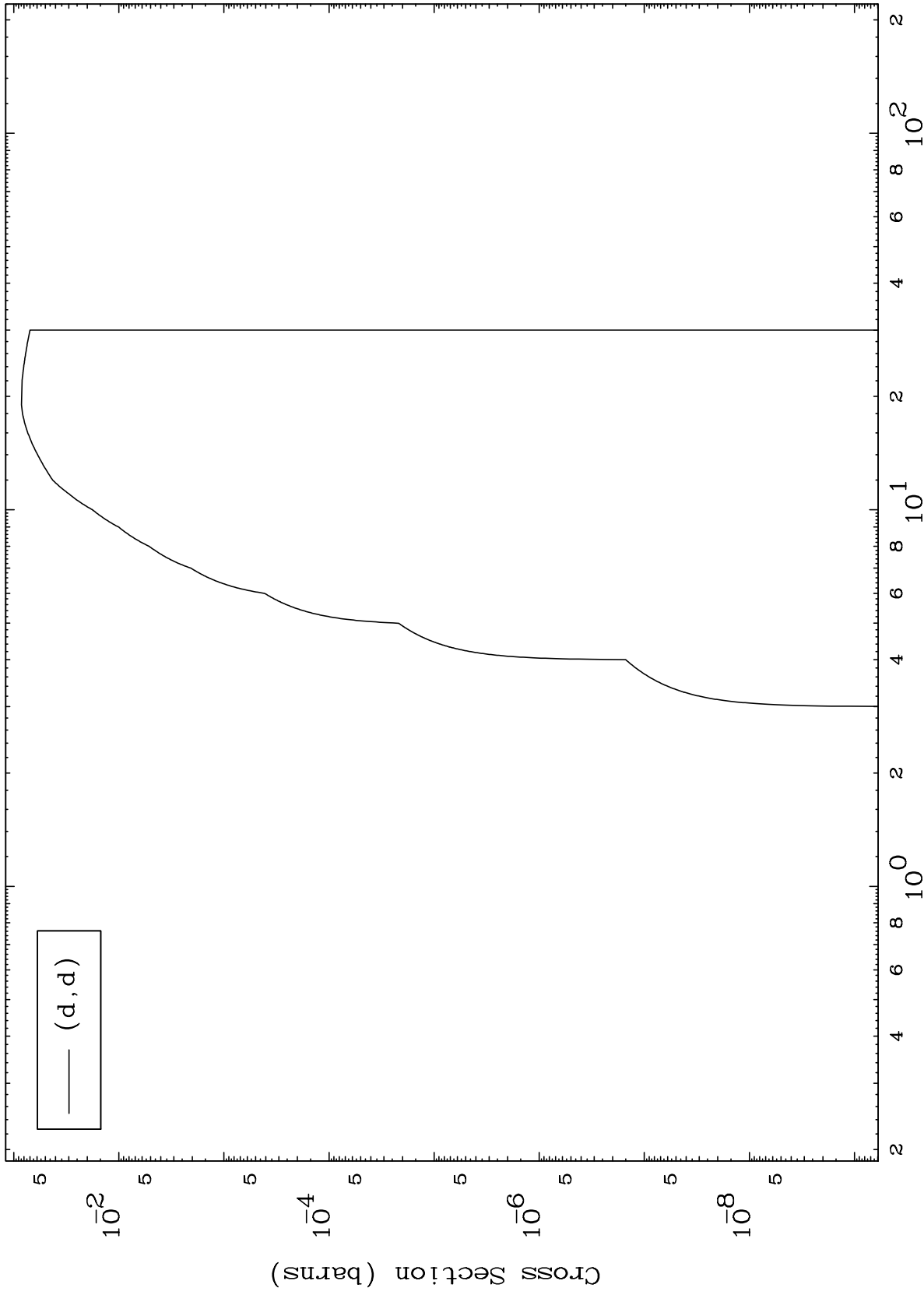
40-Zr-87



MAT 4016

(d,d) Levels
0 Kelvin Cross Sections

40-Zr-87



7

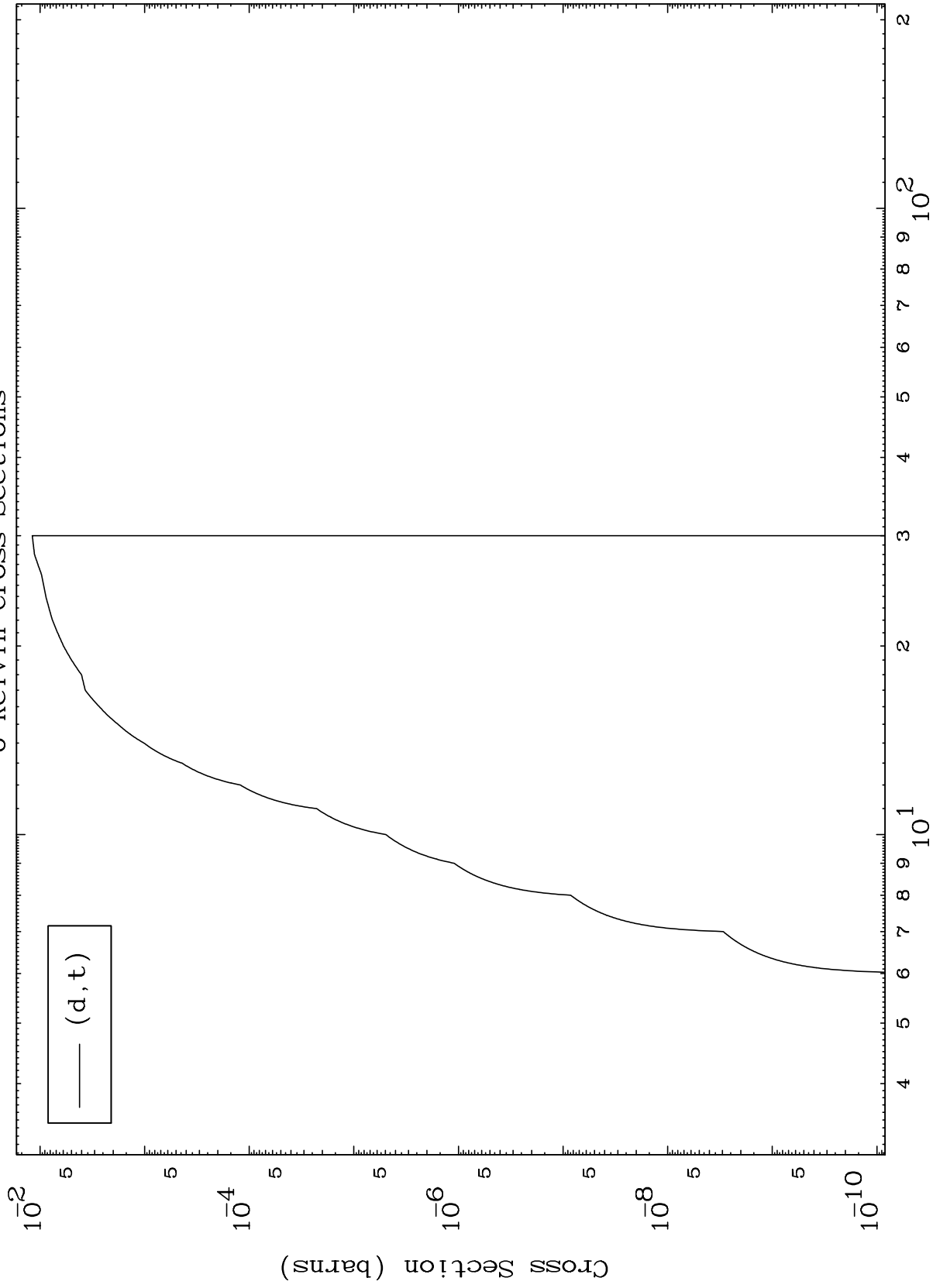
Incident Energy (MeV)

40-Zr-87

MAT 4016

(d,t) Levels
0 Kelvin Cross Sections

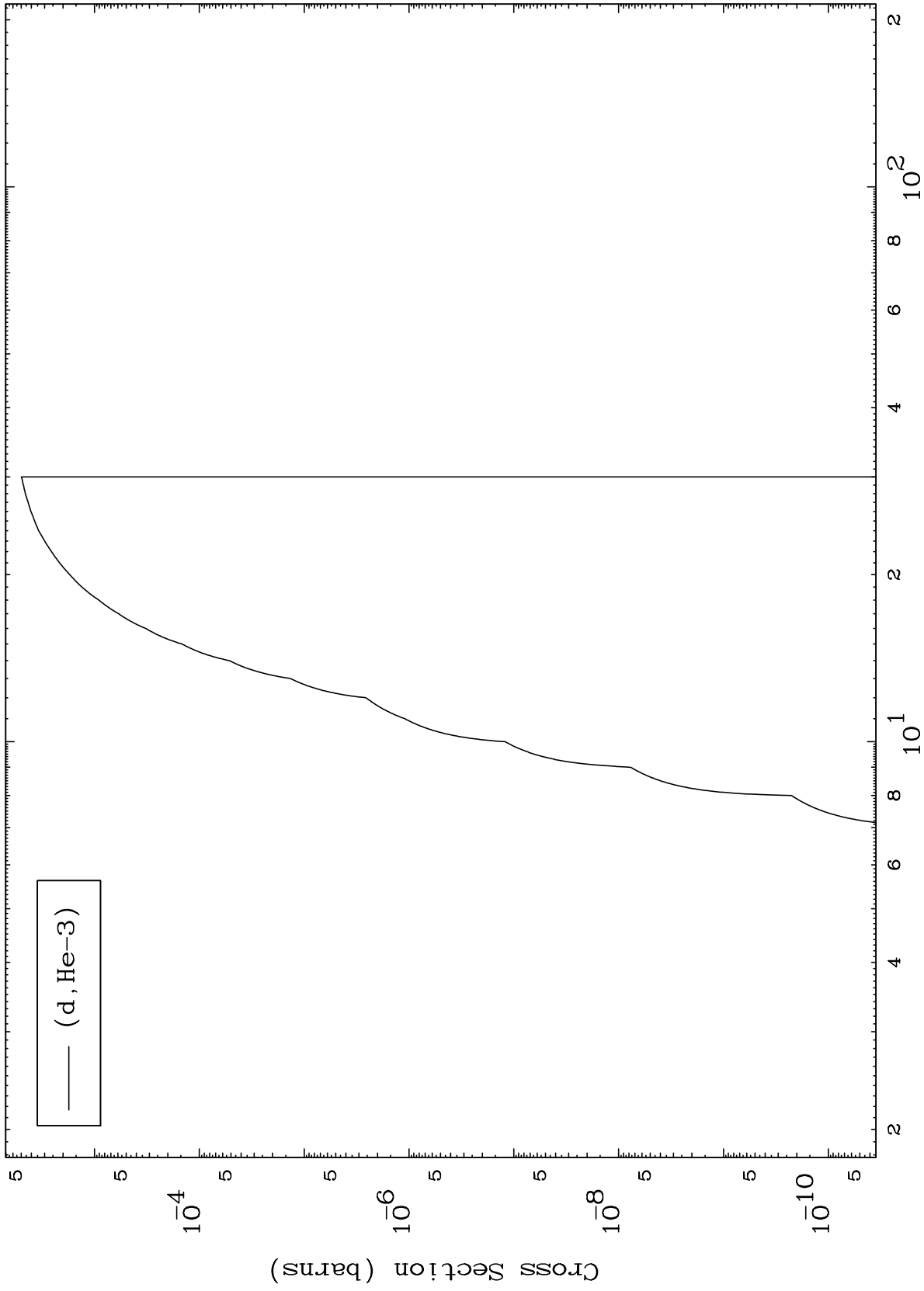
40-Zr-87



MAT 4016

(d,He3) Levels
0 Kelvin Cross Sections

40-Zr-87



9

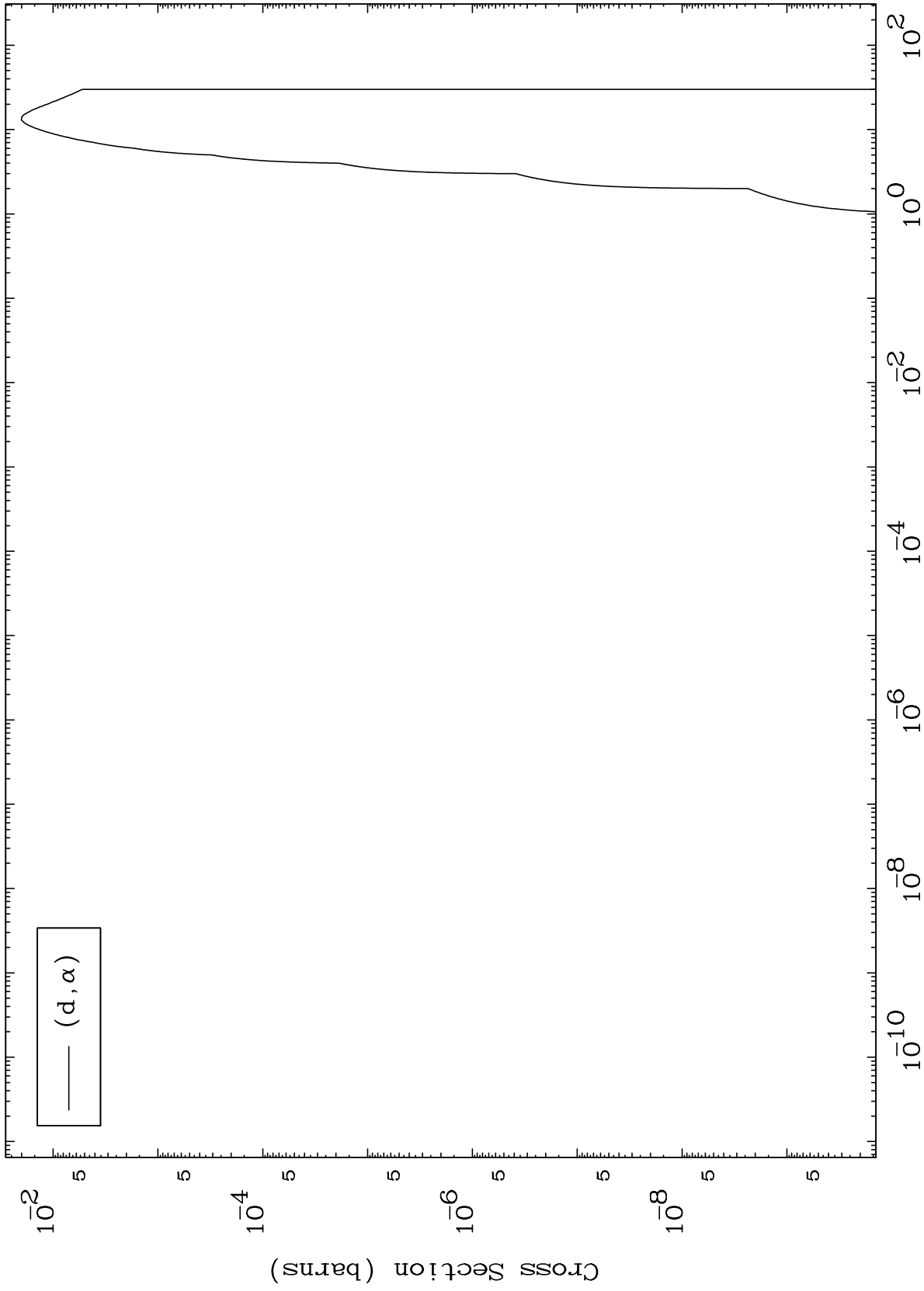
Incident Energy (MeV)

40-Zr-87

MAT 4016

(d, α) Levels
0 Kelvin Cross Sections

40-Zr-87



10

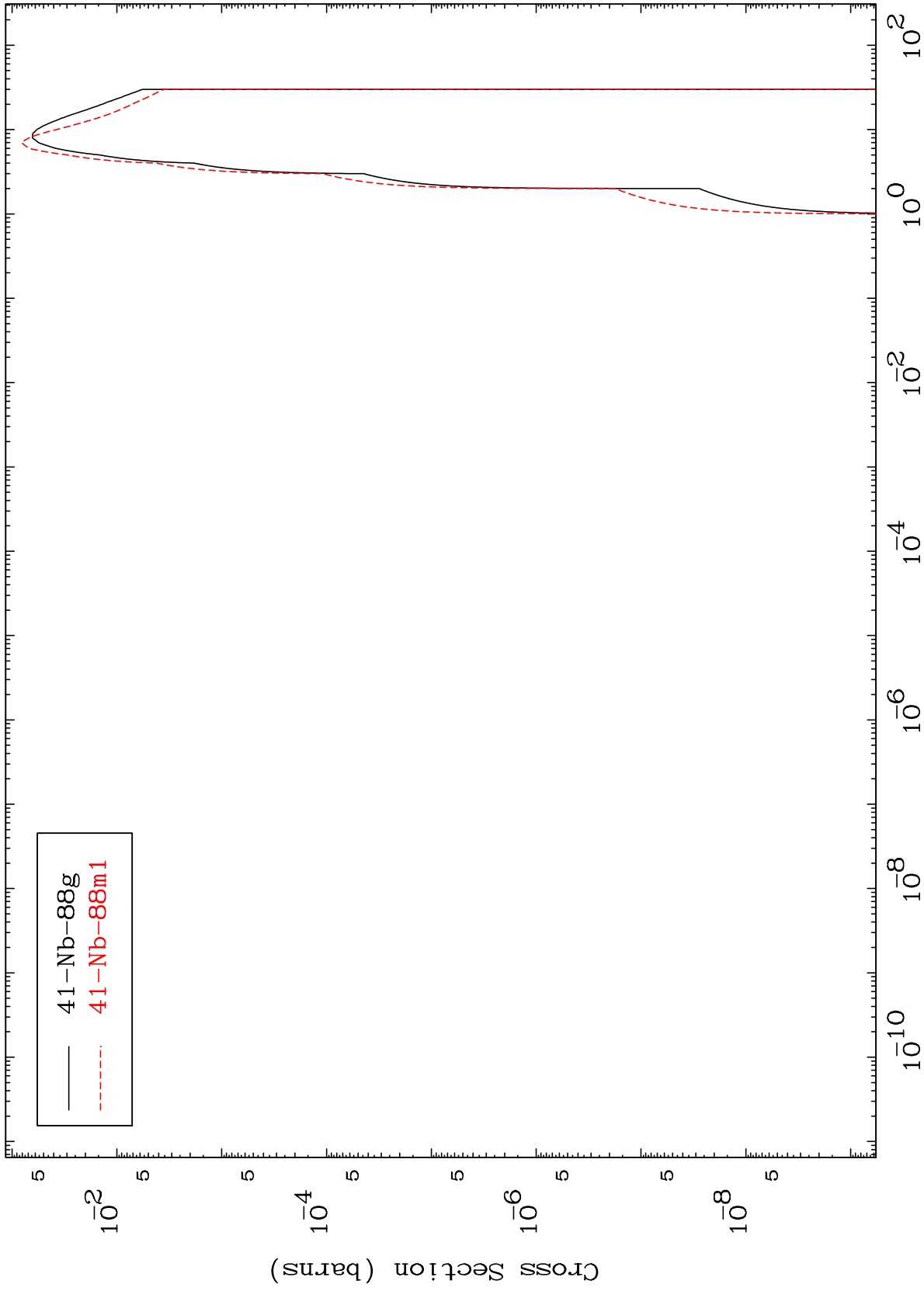
Incident Energy (MeV)

40-Zr-87

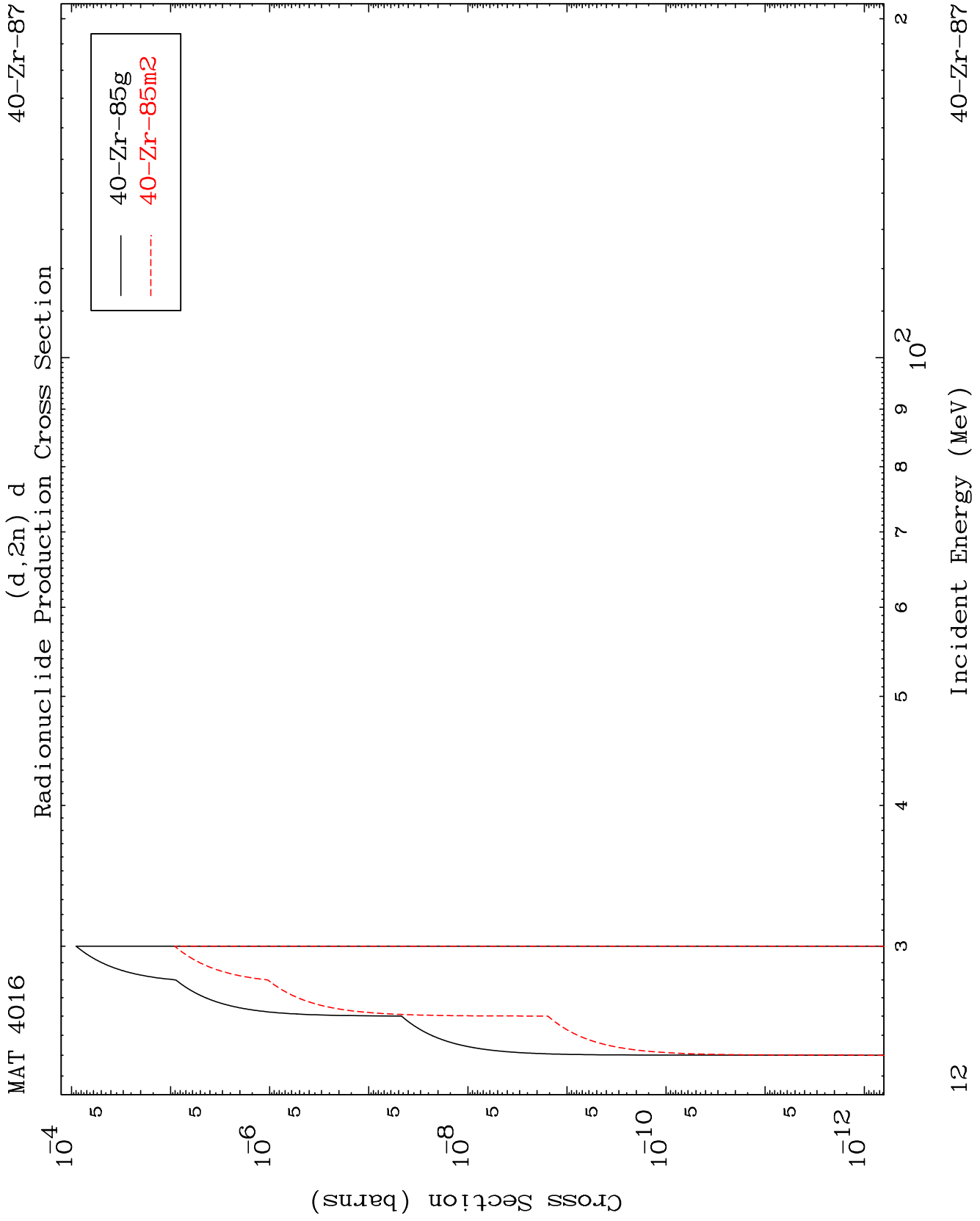
MAT 4016

Deuteron Inelastic
Radionuclide Production Cross Section

40-Zr-87



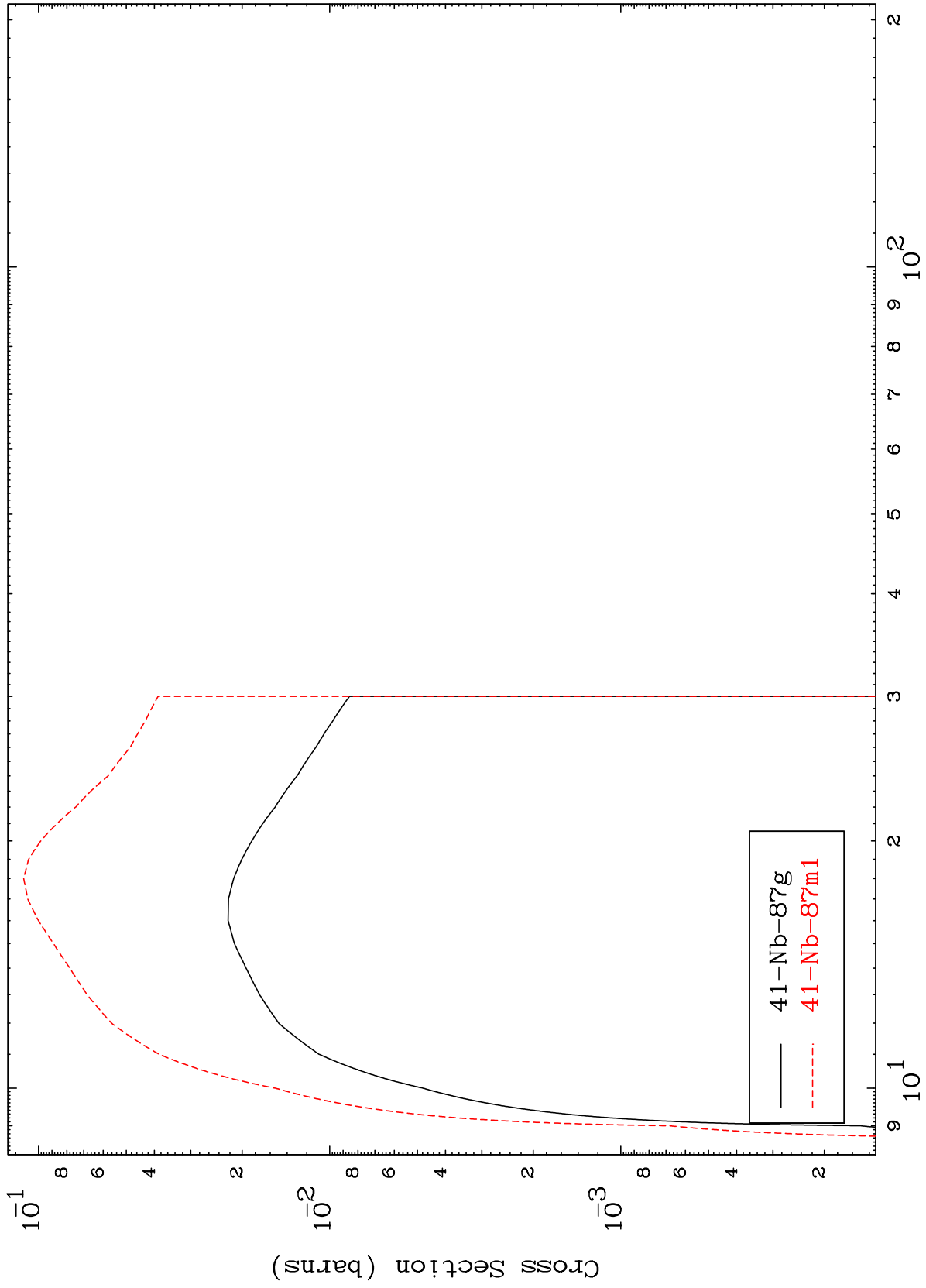
40-Zr-87



MAT 4016

40-Zr-87

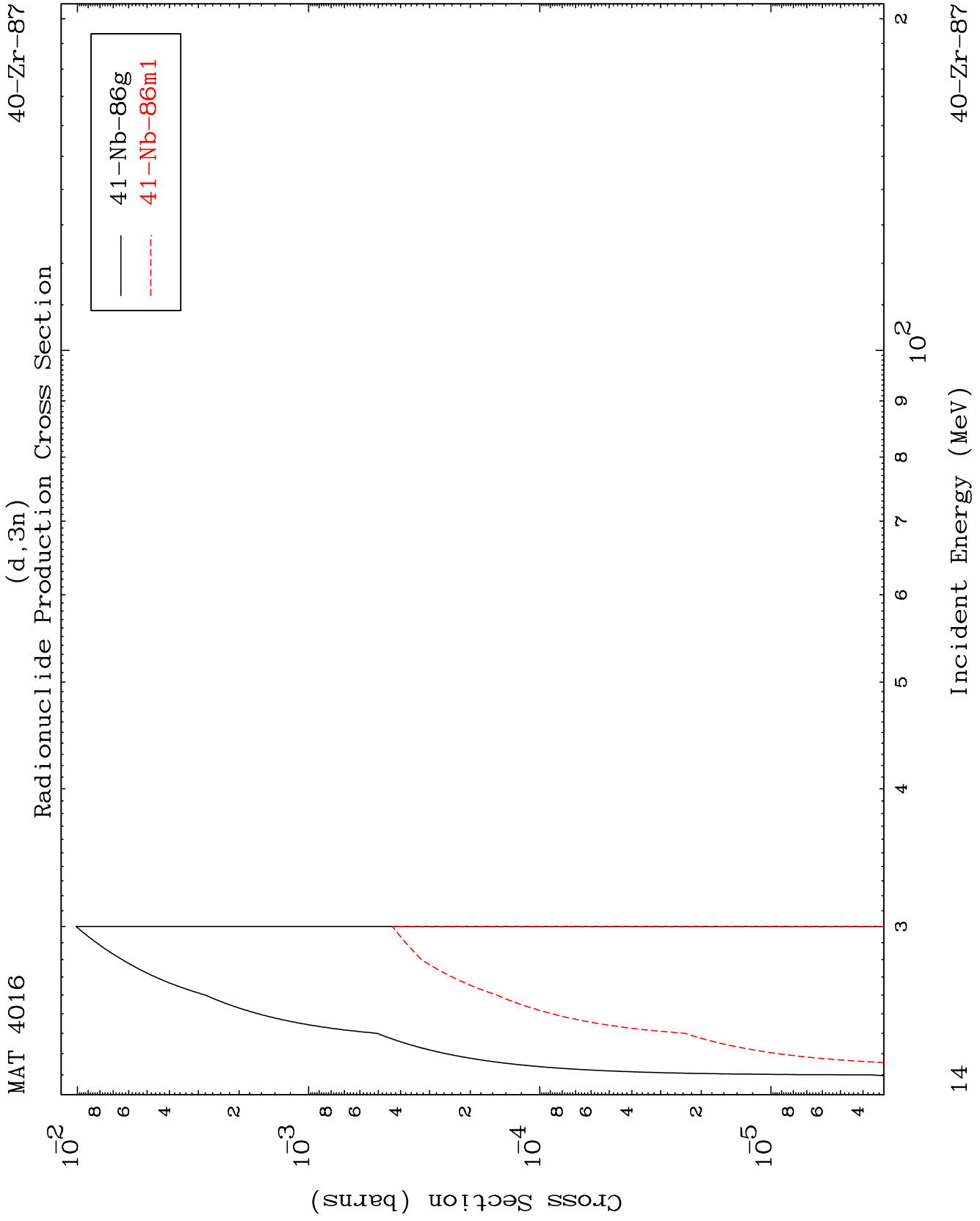
Radionuclide Production Cross Section
(d,2n)



40-Zr-87

Incident Energy (MeV)

13

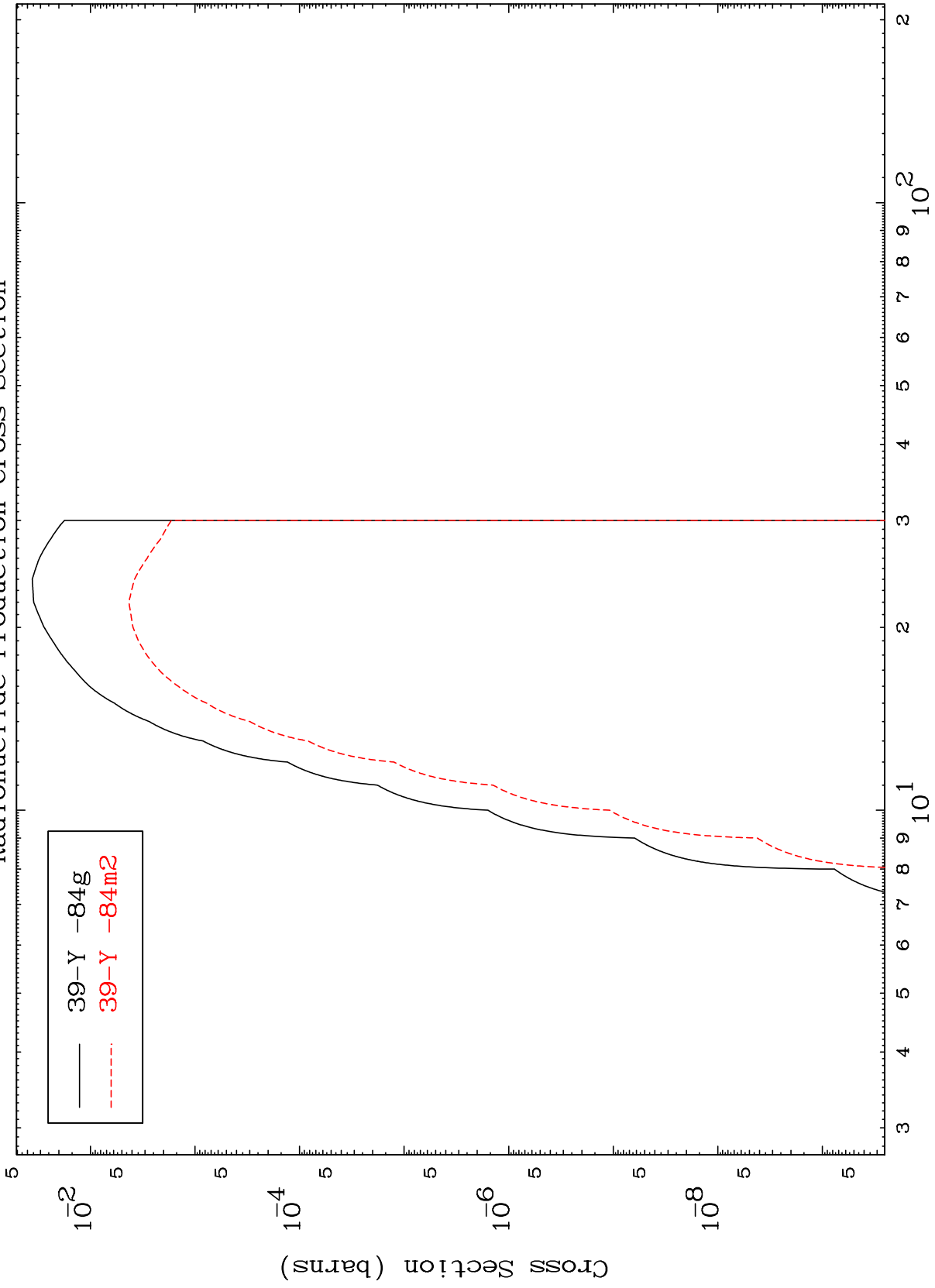


MAT 4016

(d,n') α

40-Zr-87

Radionuclide Production Cross Section



— 39-Y -84g
- - - 39-Y -84m2

15

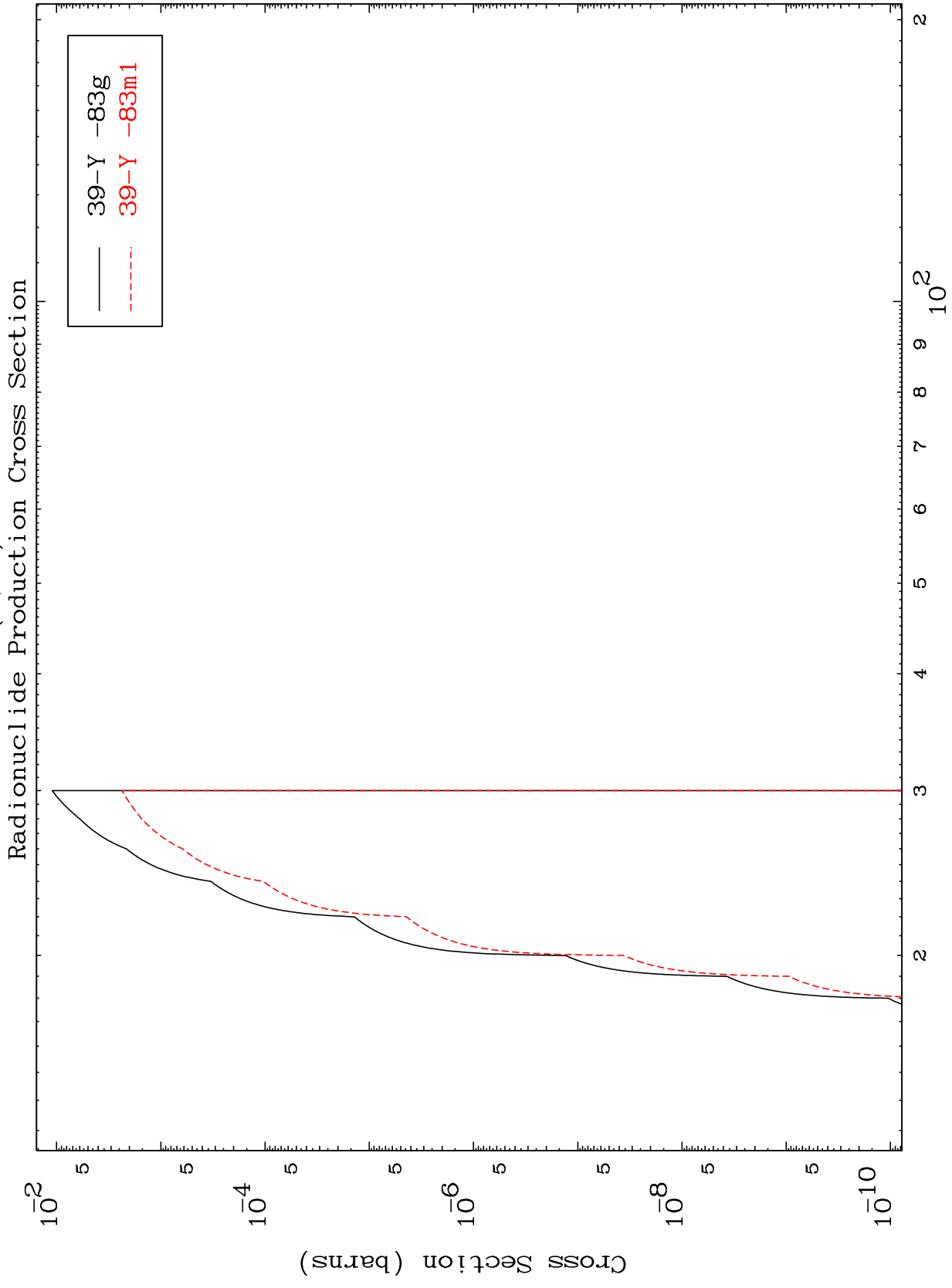
Incident Energy (MeV)

40-Zr-87

MAT 4016

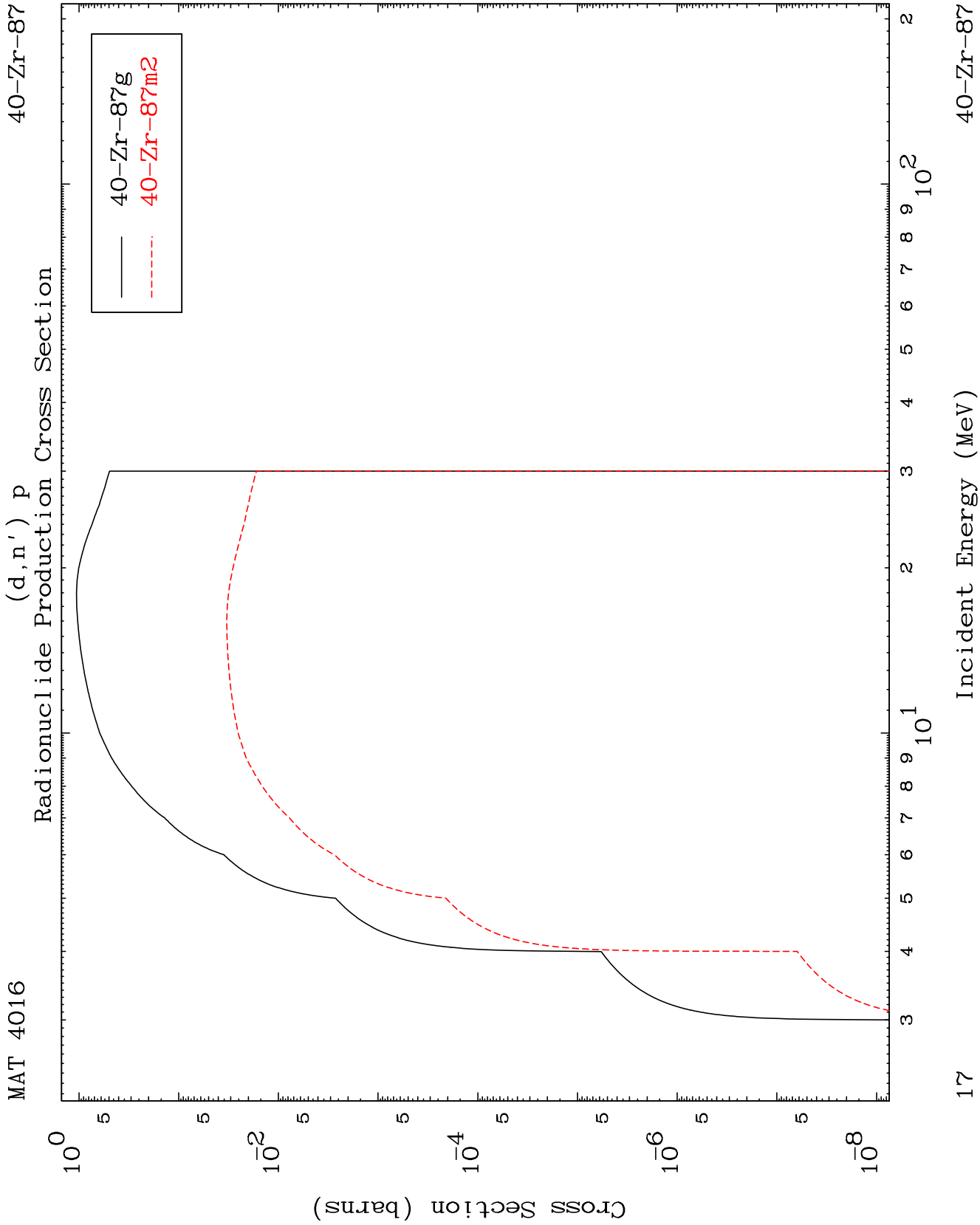
(d,2n) α

40-Zr-87



16

40-Zr-87

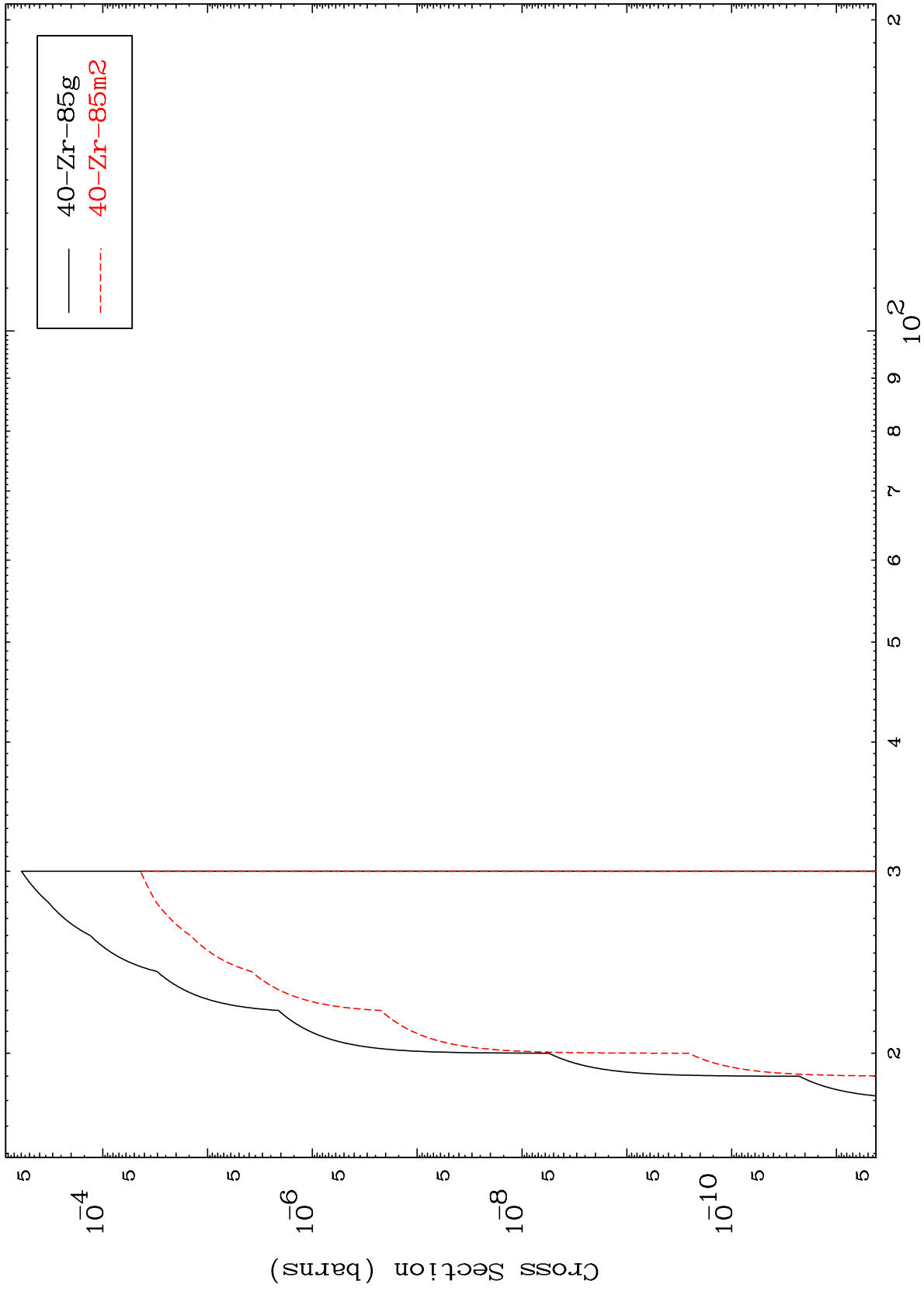


MAT 4016

(d,n') t

40-Zr-87

Radionuclide Production Cross Section



18

Incident Energy (MeV)

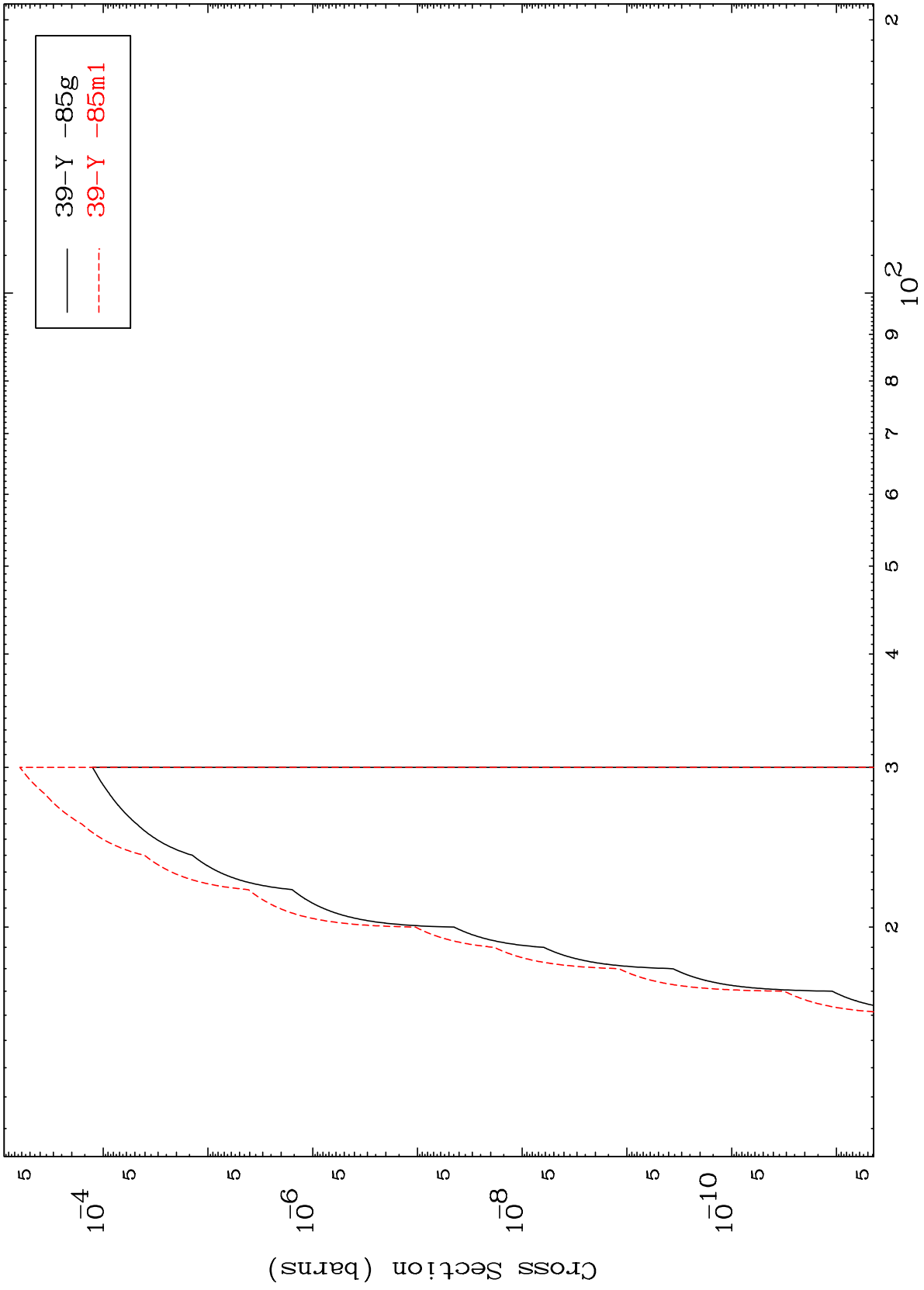
40-Zr-87

MAT 4016

(d, n') He-3

40-Zr-87

Radionuclide Production Cross Section



19

Incident Energy (MeV)

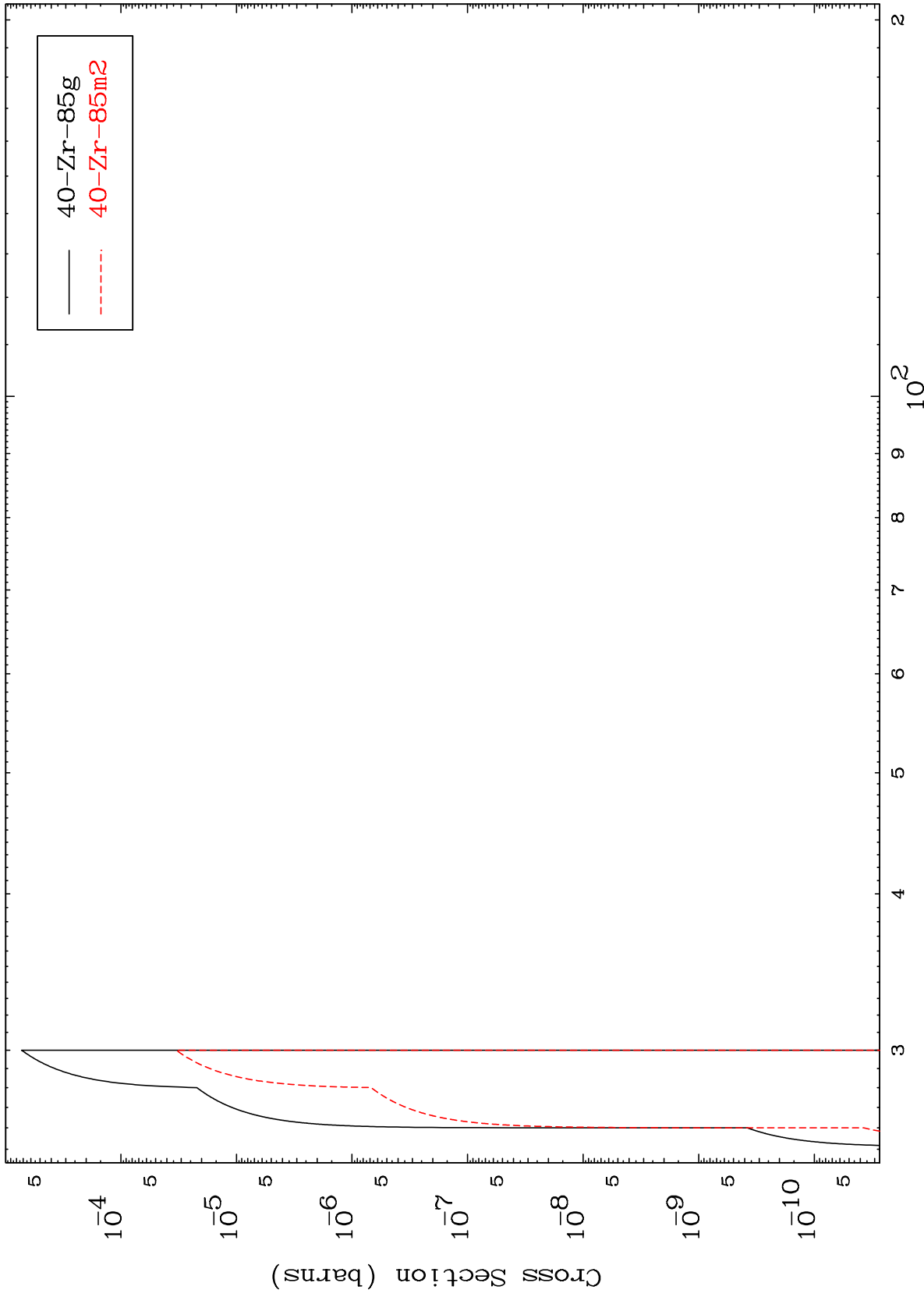
40-Zr-87

MAT 4016

(d,3n) p

40-Zr-87

Radionuclide Production Cross Section



20

Incident Energy (MeV)

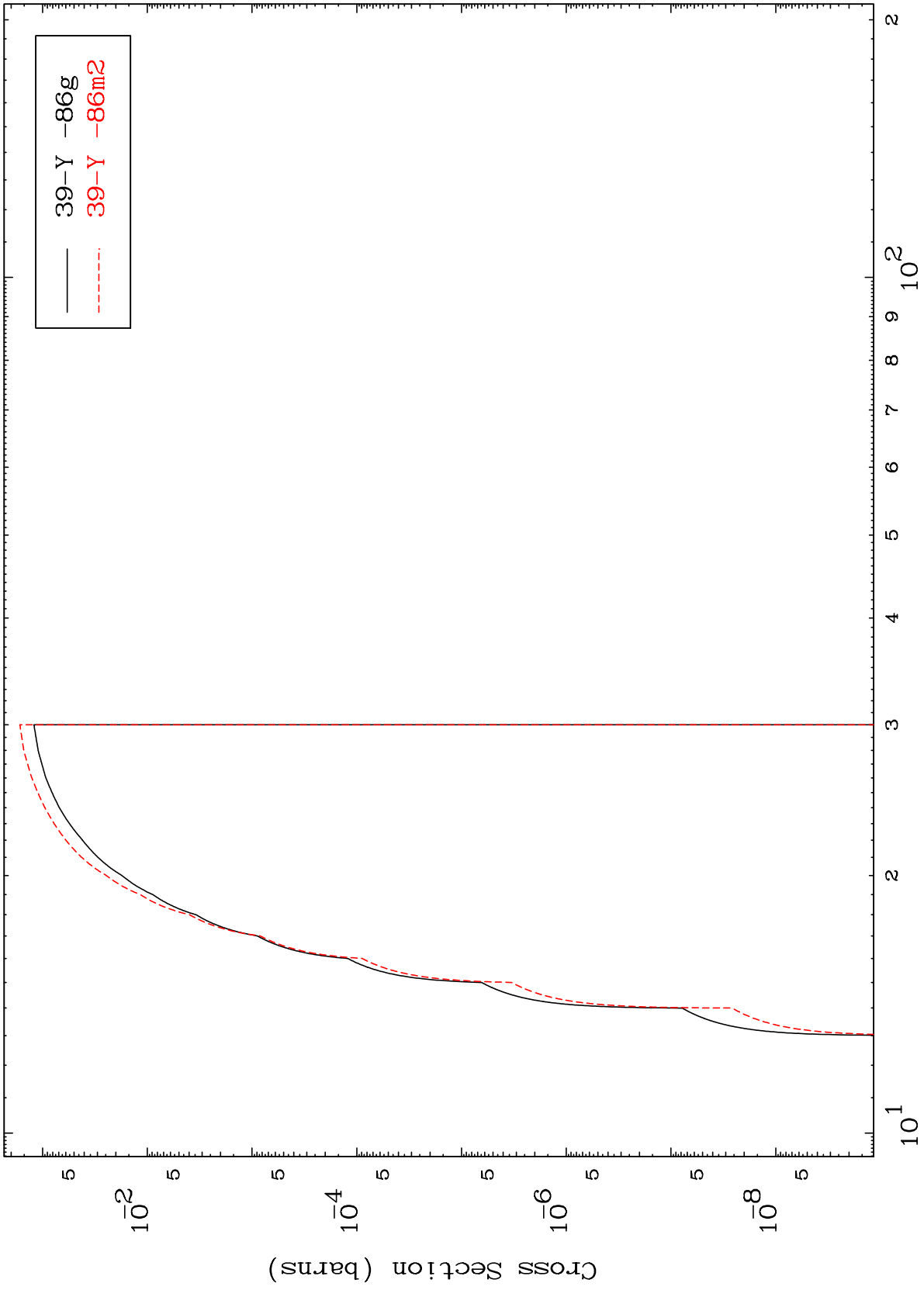
40-Zr-87

MAT 4016

(d,2n) p

40-Zr-87

Radionuclide Production Cross Section



21

Incident Energy (MeV)

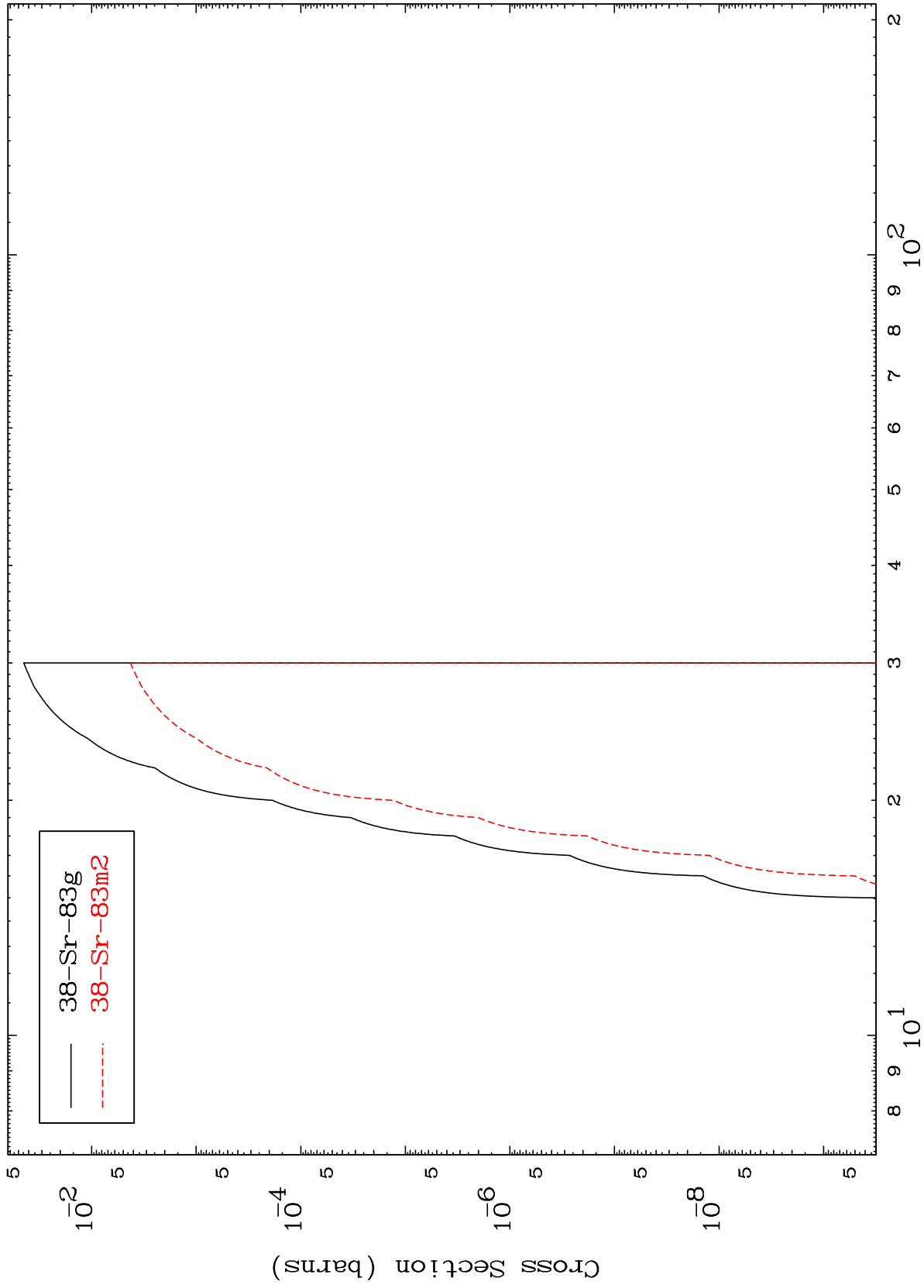
40-Zr-87

MAT 4016

(d,n') p α

40-Zr-87

Radionuclide Production Cross Section



38-Sr-83g
38-Sr-83m2

22

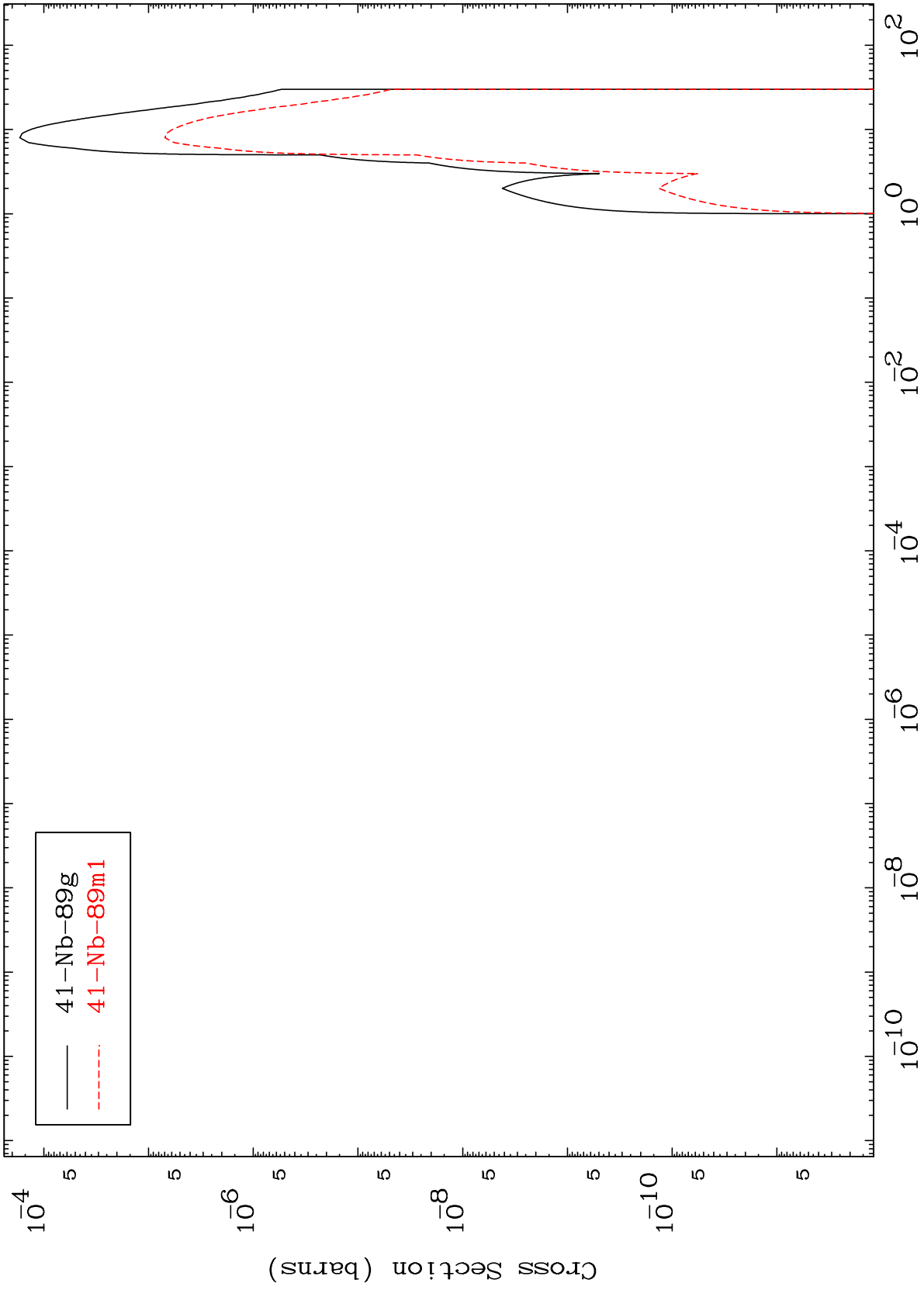
Incident Energy (MeV)

40-Zr-87

MAT 4016

Radionuclide Production Cross Section
(d, γ)

40-Zr-87



23

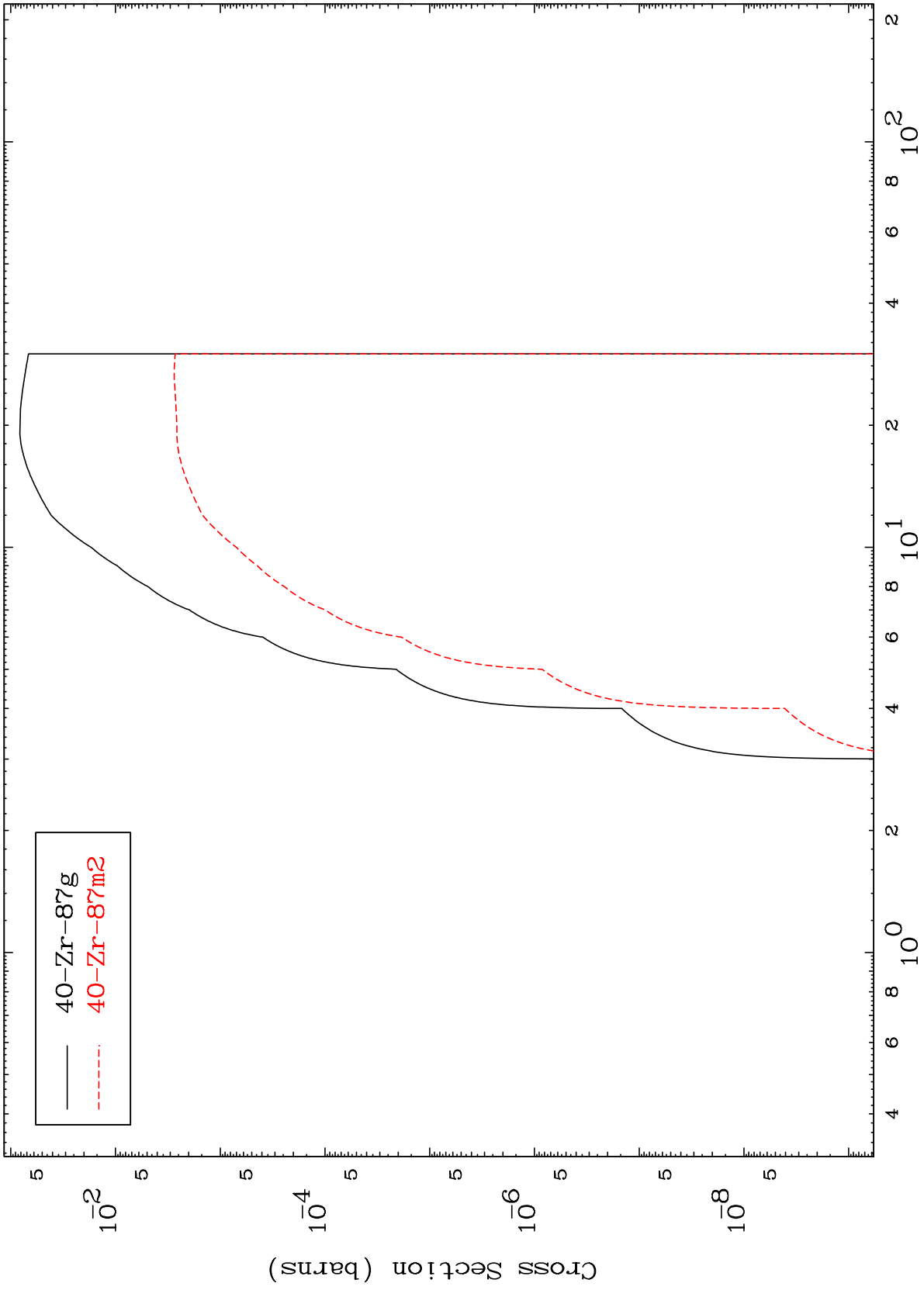
Incident Energy (MeV)

40-Zr-87

MAT 4016

(d,d)
Radionuclide Production Cross Section

40-Zr-87



24

Incident Energy (MeV)

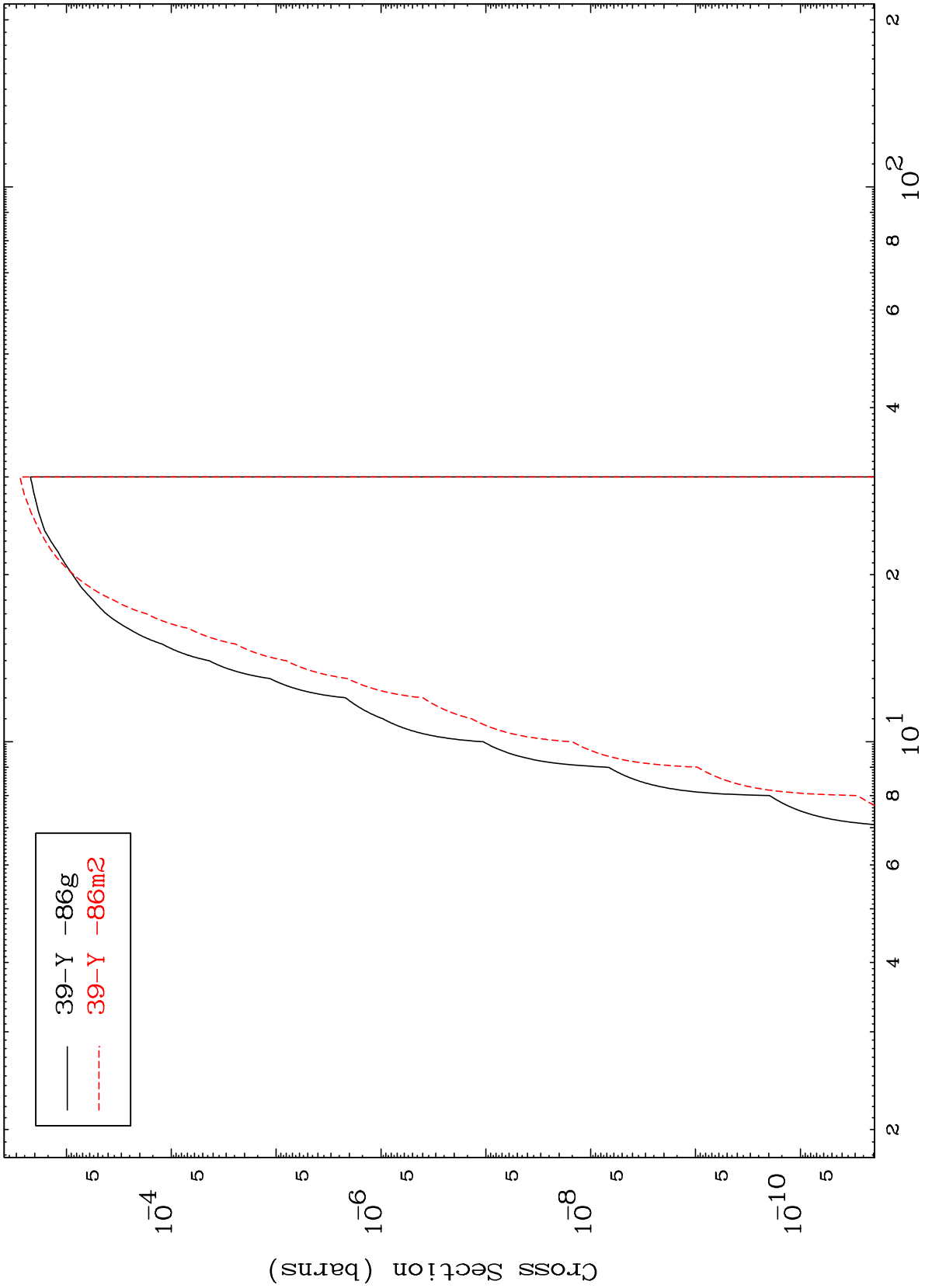
40-Zr-87

MAT 4016

(d, He-3)

40-Zr-87

Radionuclide Production Cross Section



39-Y -86g
39-Y -86m2

25

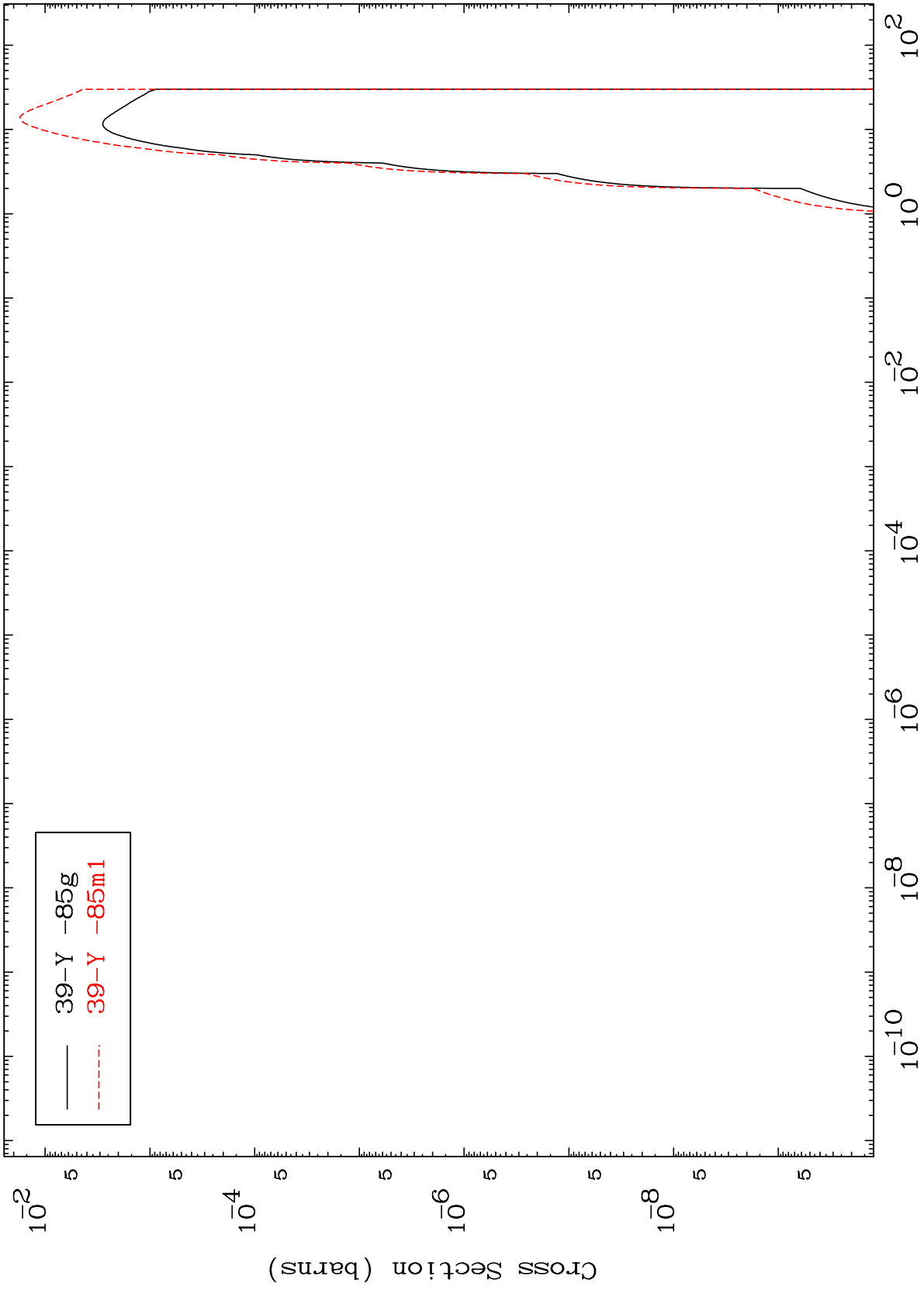
Incident Energy (MeV)

40-Zr-87

MAT 4016

Radionuclide Production Cross Section
(d, α)

40-Zr-87



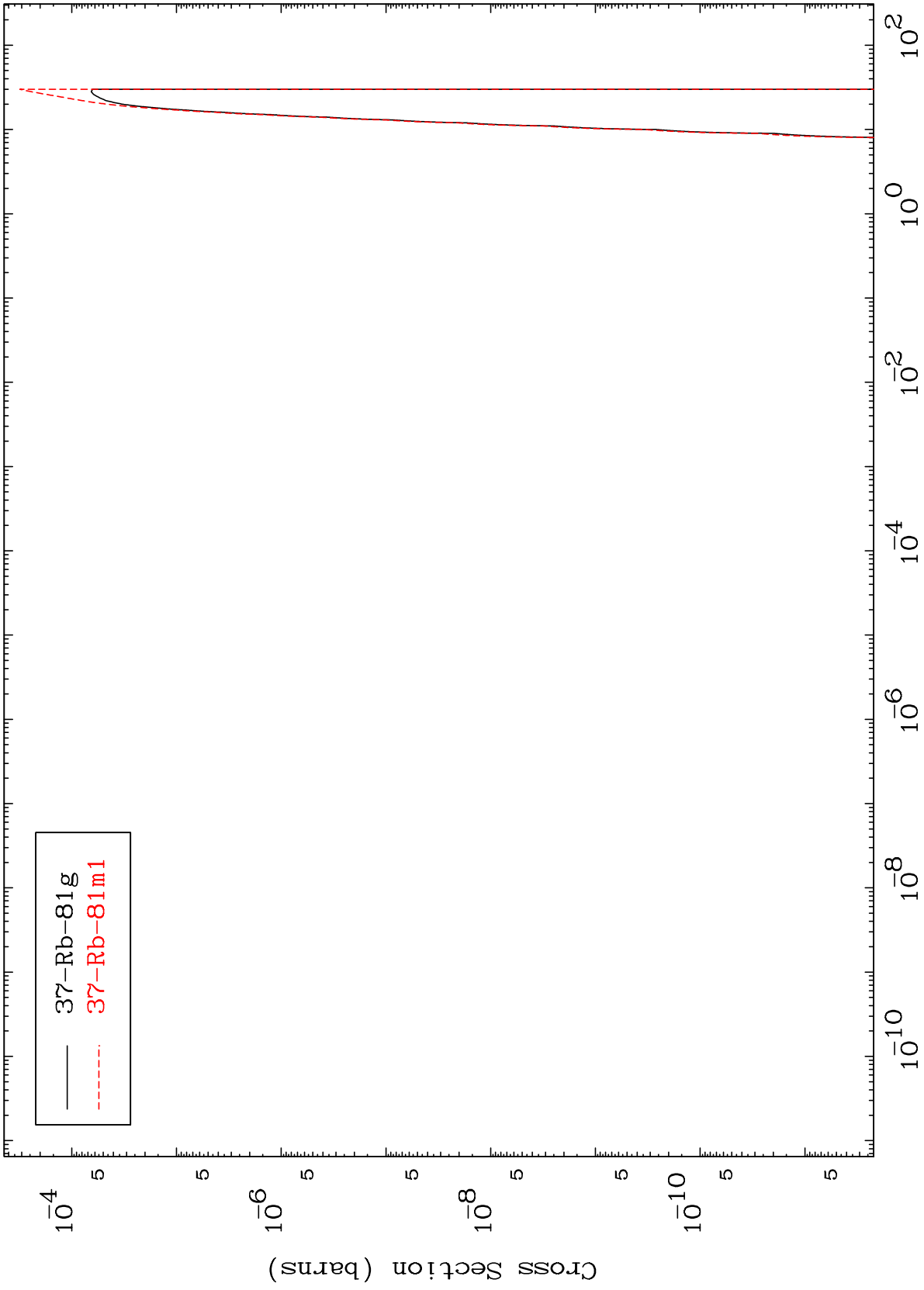
26

40-Zr-87

MAT 4016

Radionuclide Production Cross Section
(d,2α)

40-Zr-87



27

Incident Energy (MeV)

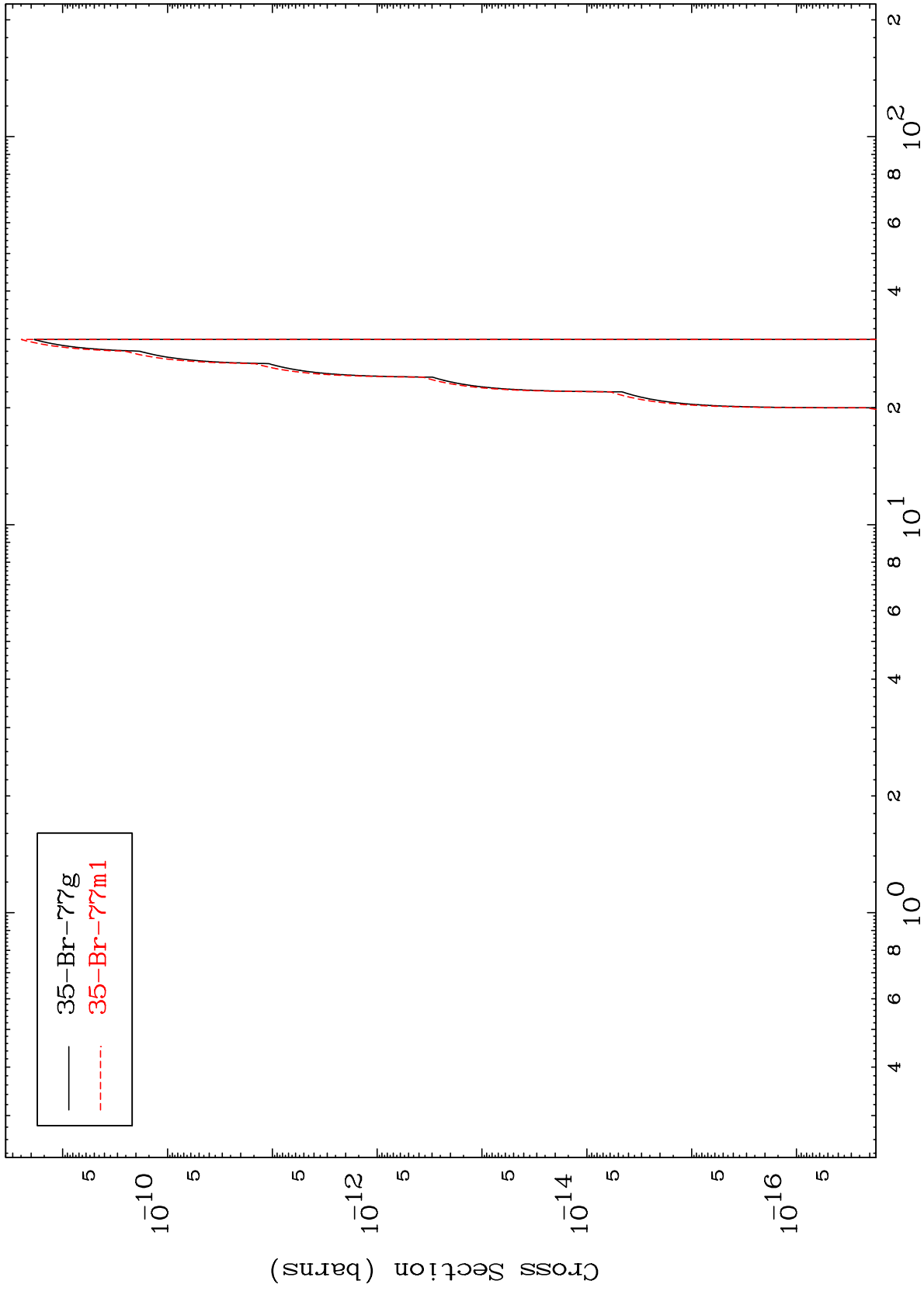
40-Zr-87

MAT 4016

(d,3 α)

40-Zr-87

Radionuclide Production Cross Section



28

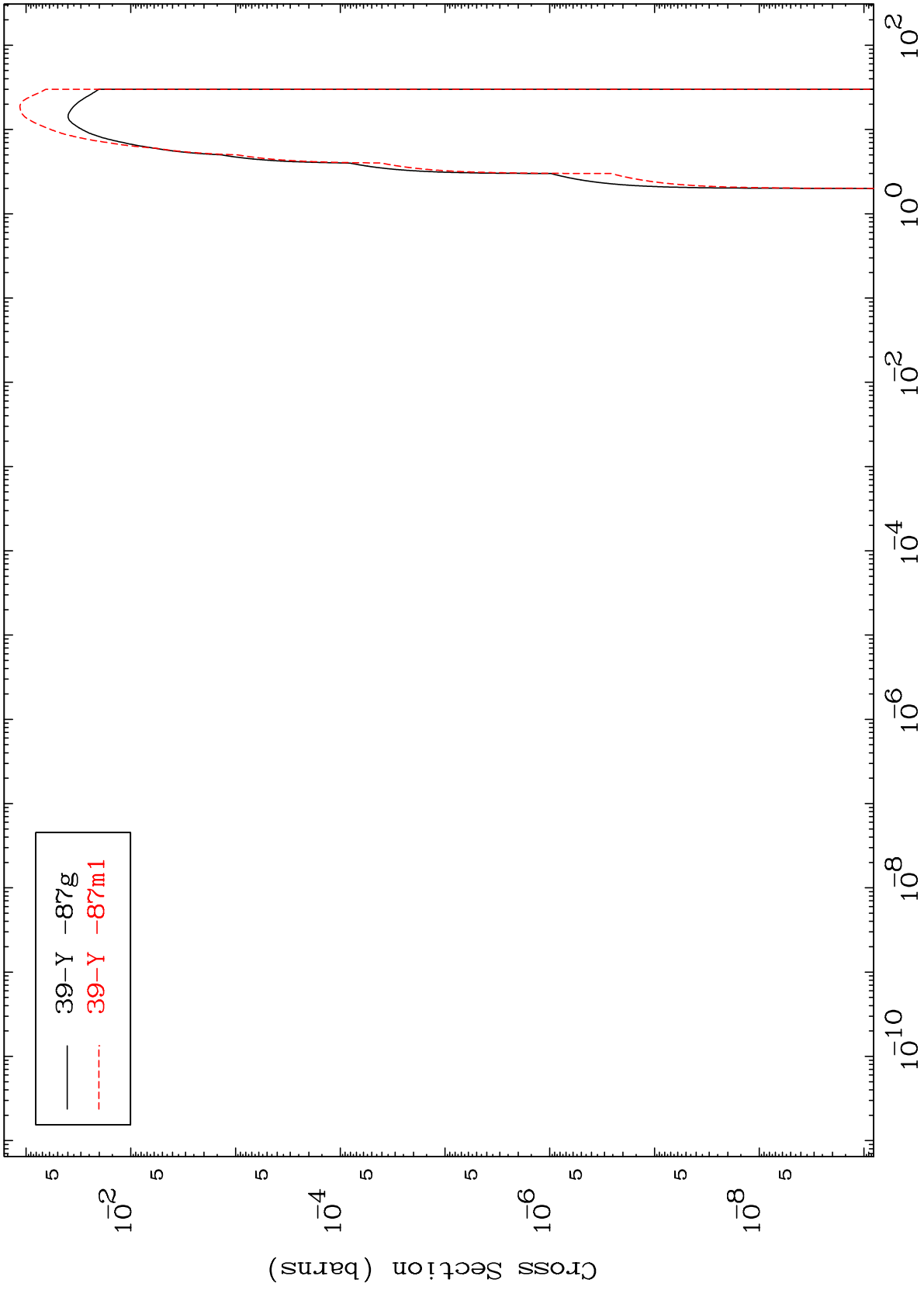
Incident Energy (MeV)

40-Zr-87

MAT 4016

(d,2p)
Radionuclide Production Cross Section

40-Zr-87



29

Incident Energy (MeV)

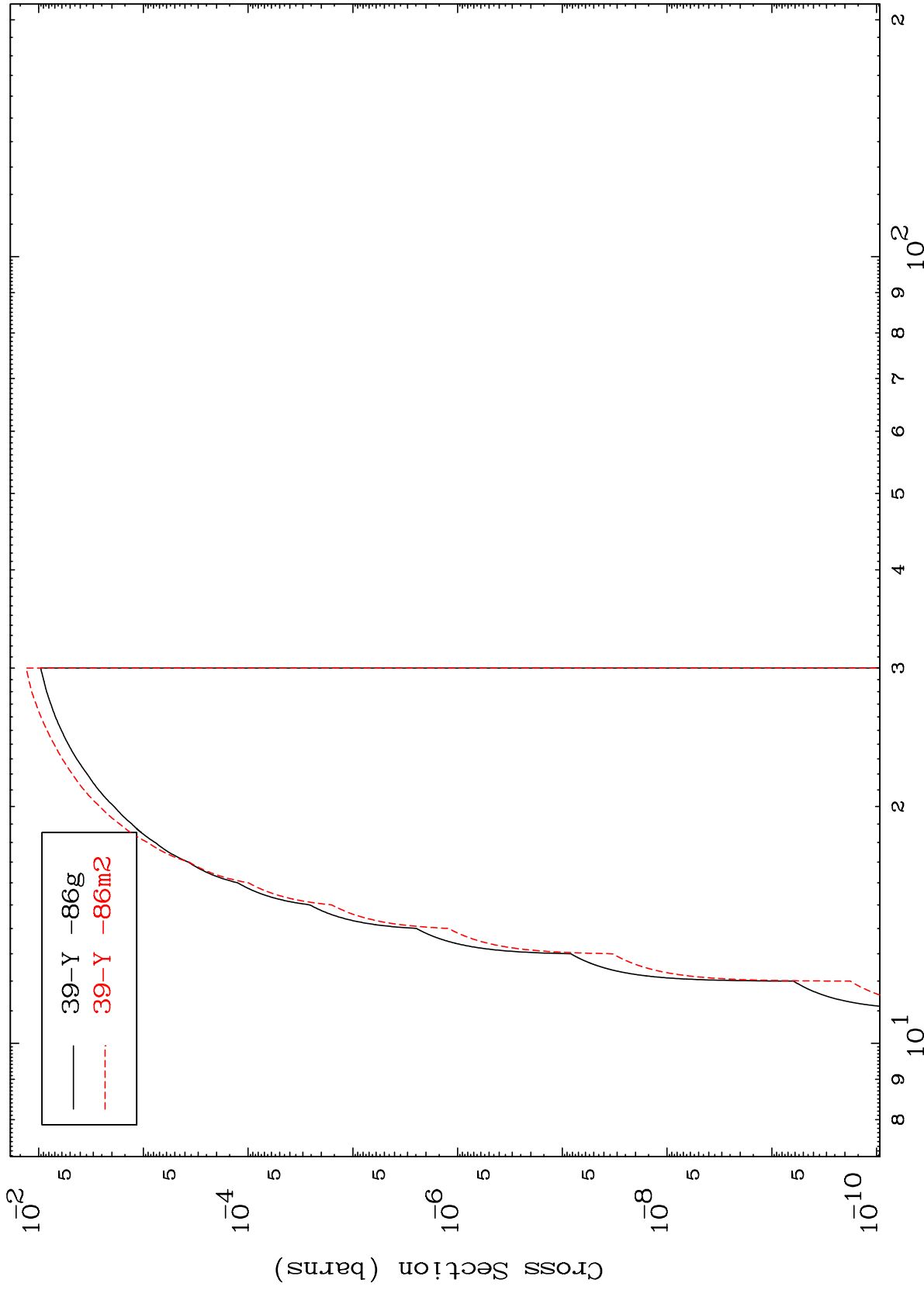
40-Zr-87

MAT 4016

(d,p) d

40-Zr-87

Radionuclide Production Cross Section



39-Y -86g
39-Y -86m2

30

Incident Energy (MeV)

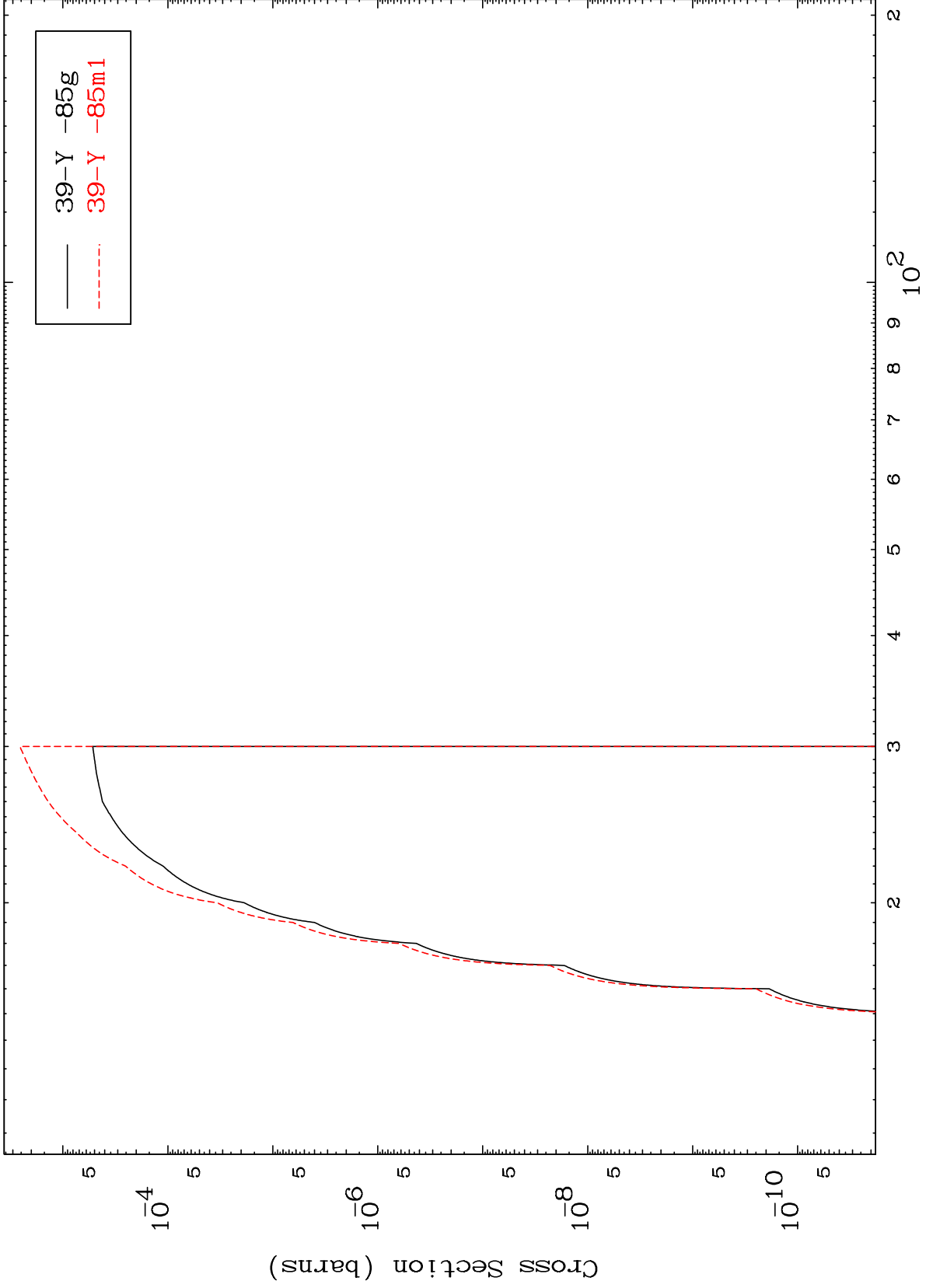
40-Zr-87

MAT 4016

(d,p) t

40-Zr-87

Radionuclide Production Cross Section



31

Incident Energy (MeV)

40-Zr-87

MAT 4016

(d,d) α

40-Zr-87

Radionuclide Production Cross Section

