

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

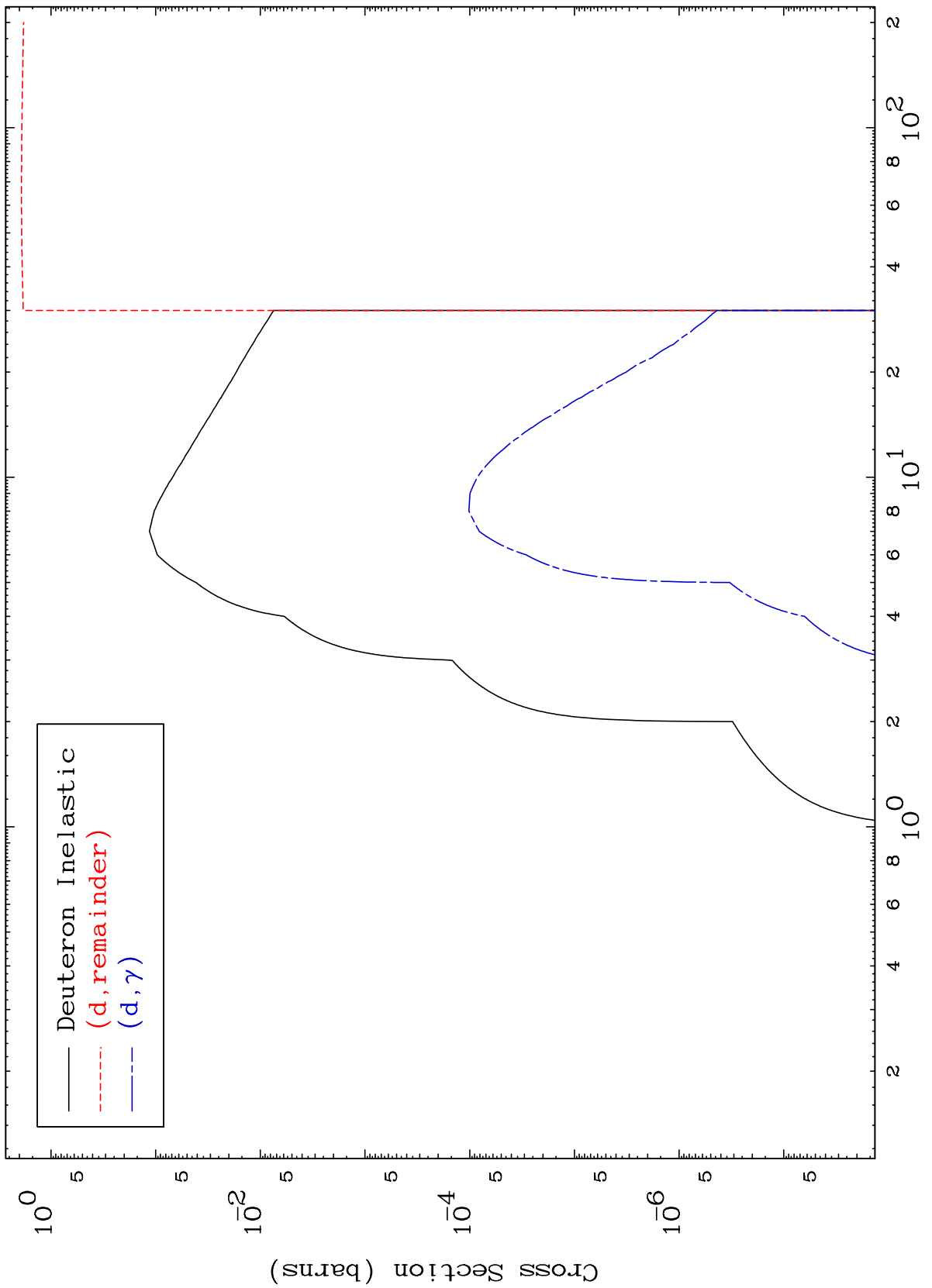
Press Mouse Button to Start

MAT 4017

Deuteron Major

40-Zr-87

0 Kelvin Cross Sections

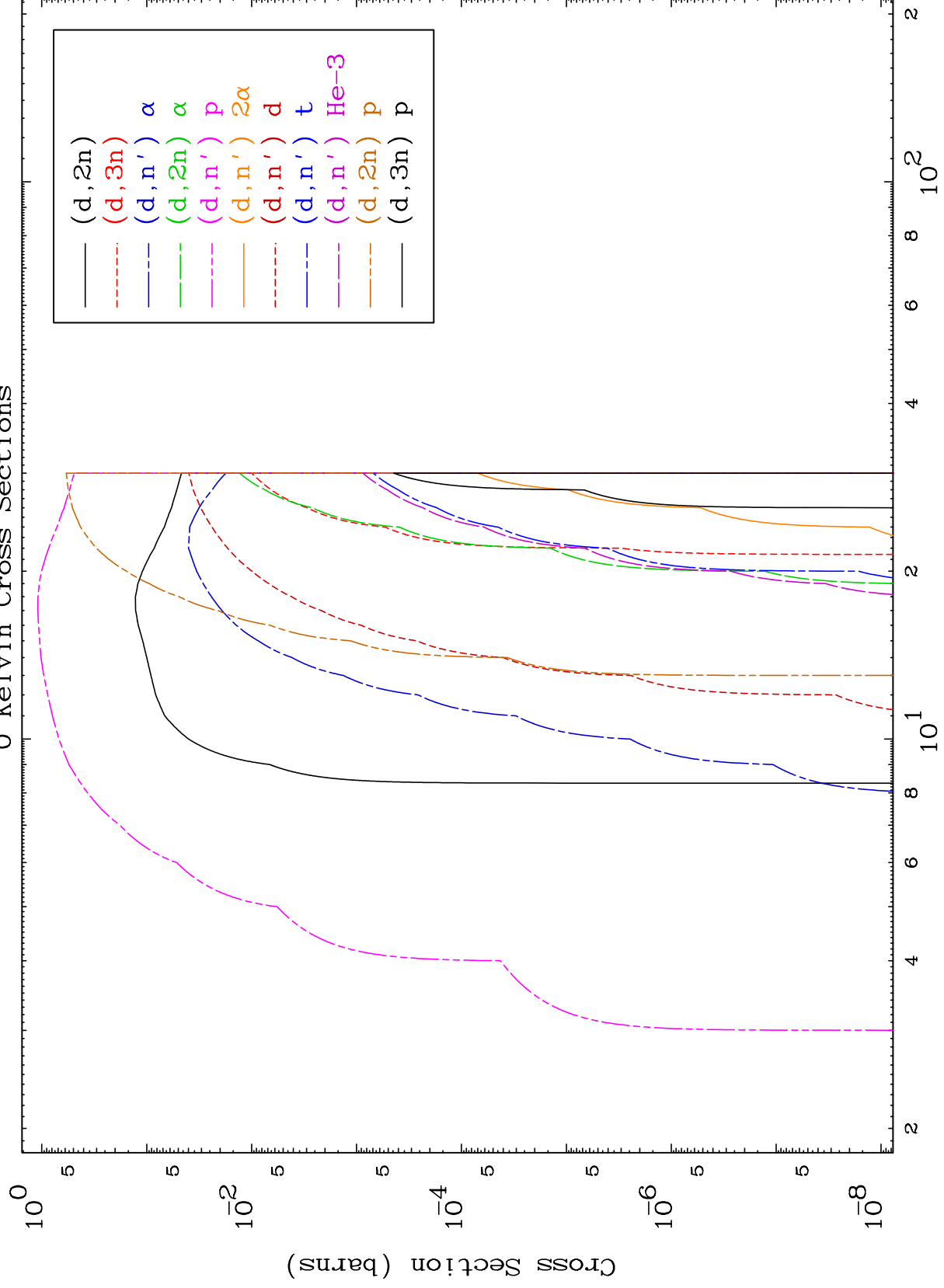


— Deuteron Inelastic
- - - (d, remainder)
- - - (d, γ)

MAT 4017

Deuteron Neutron Production
0 Kelvin Cross Sections

40-Zr-87



2

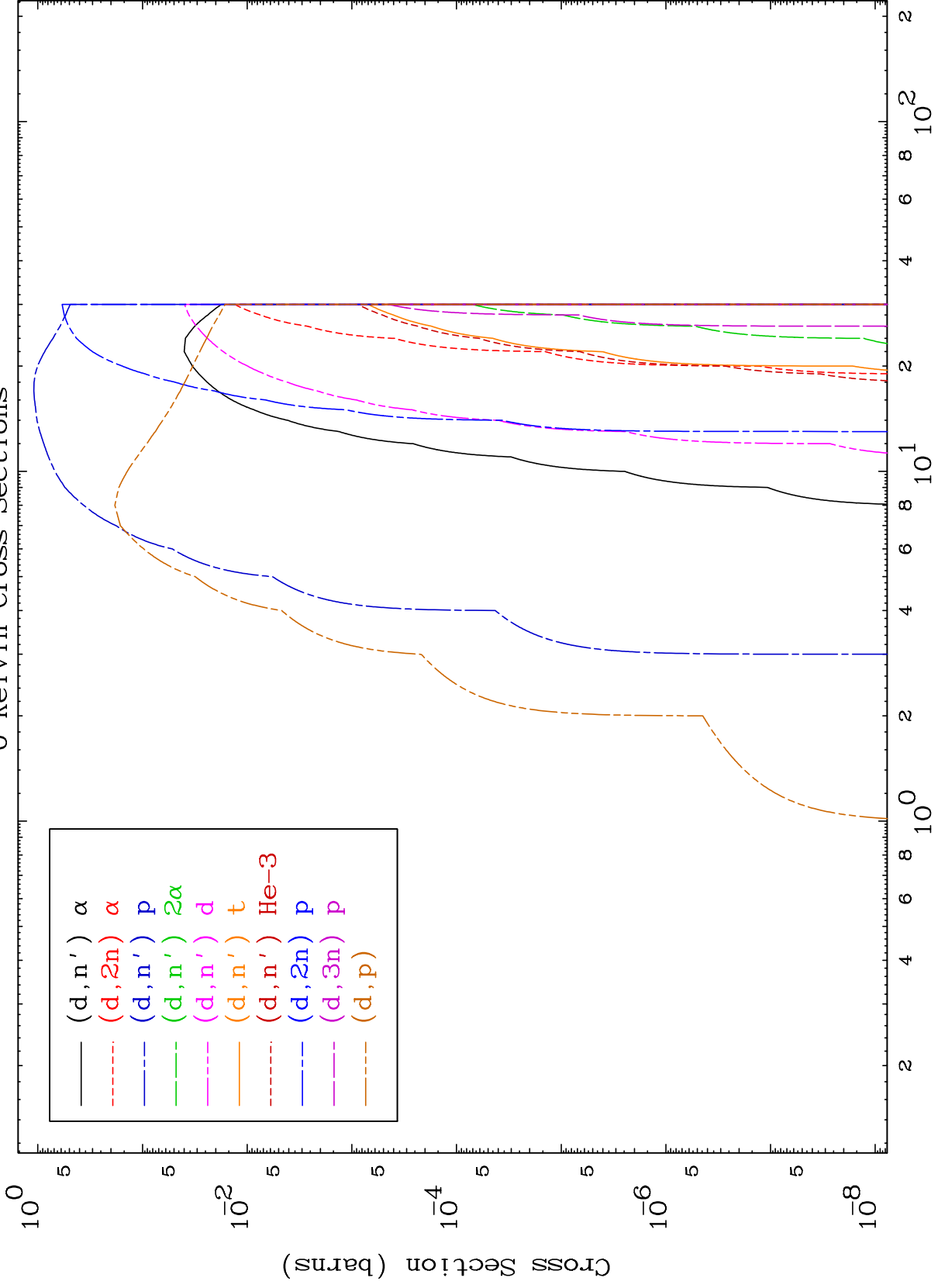
Incident Energy (MeV)

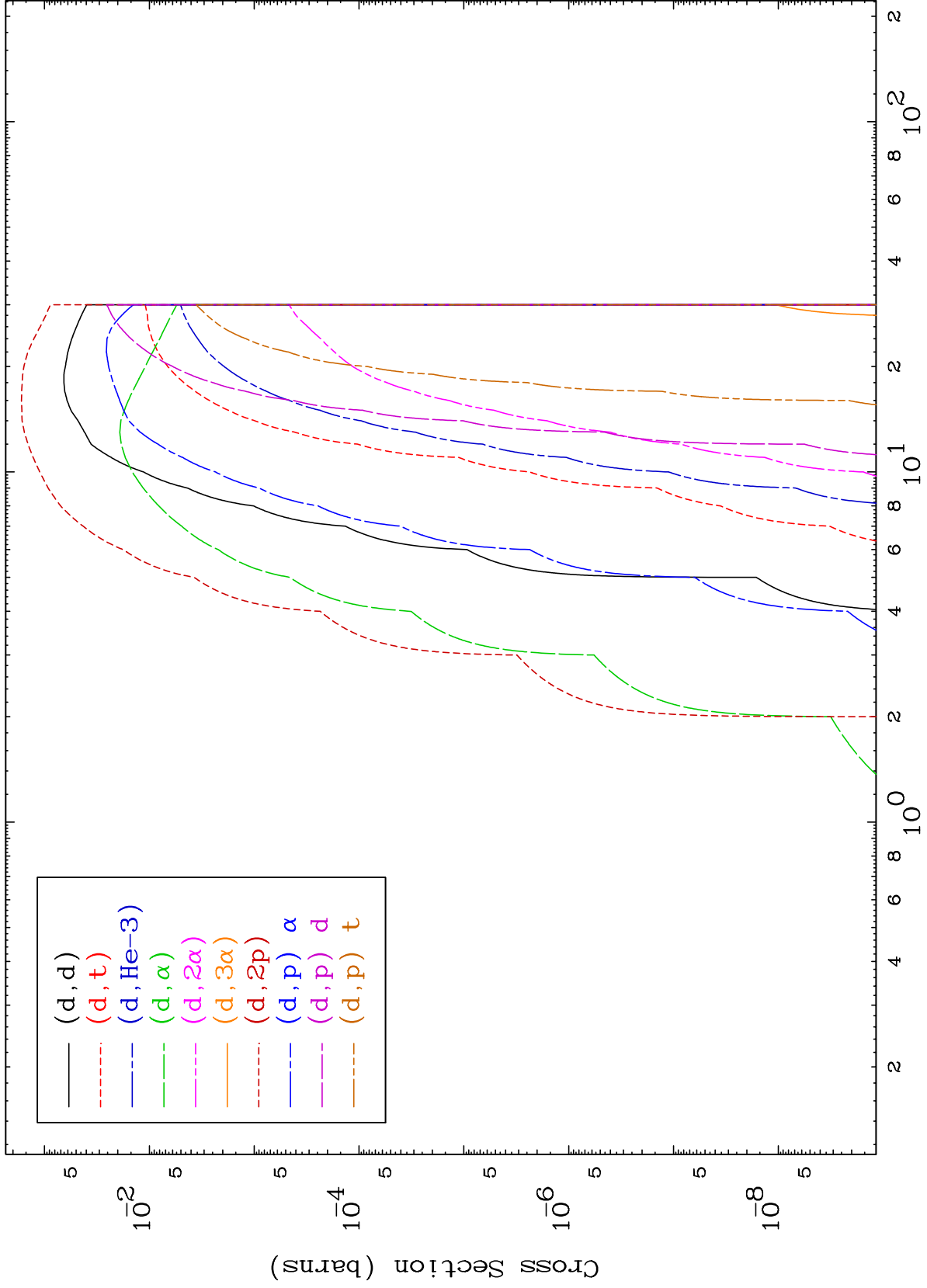
40-Zr-87

MAT 4017

Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-87



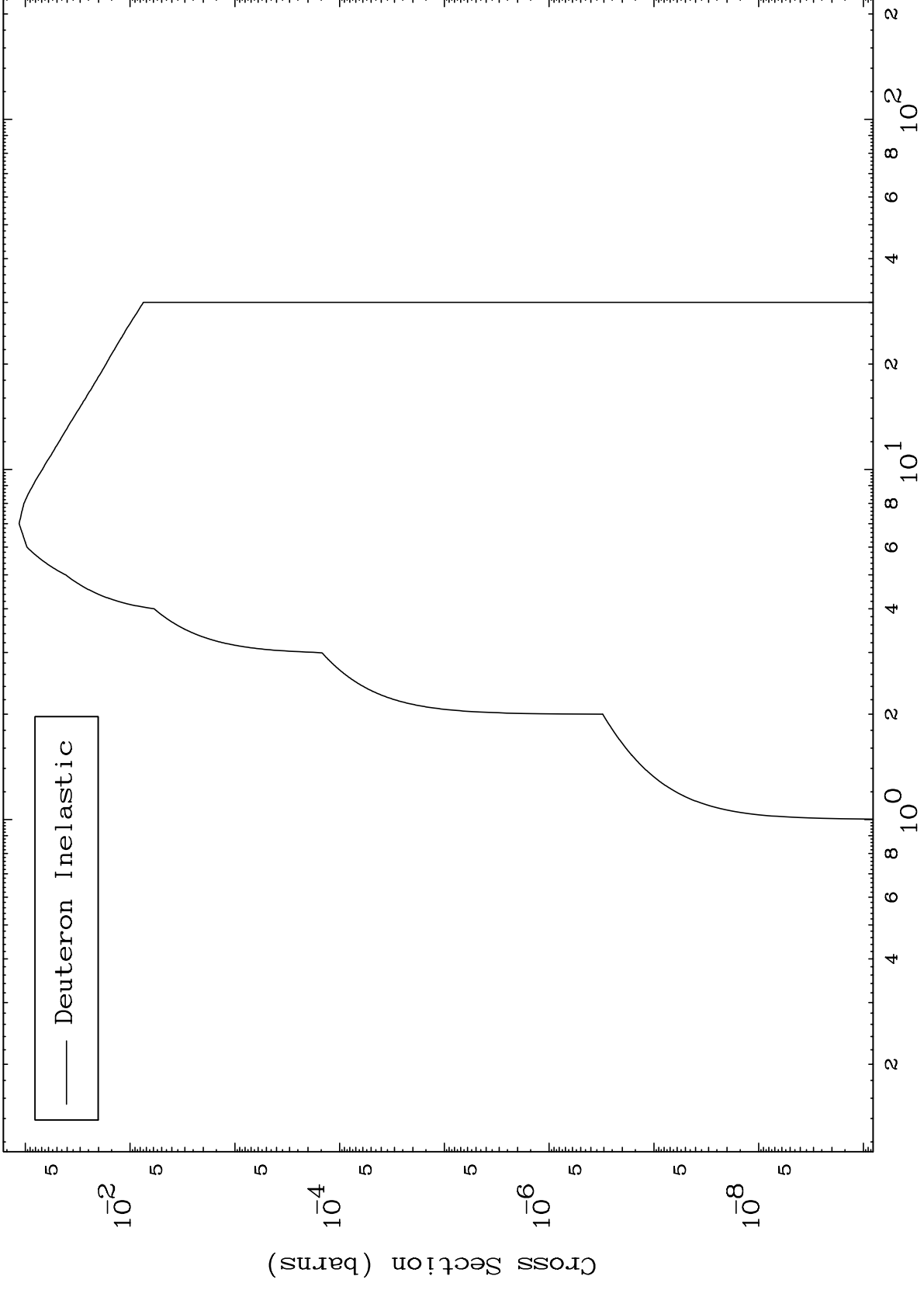


MAT 4017

(d, n') Level

40-Zr-87

0 Kelvin Cross Sections

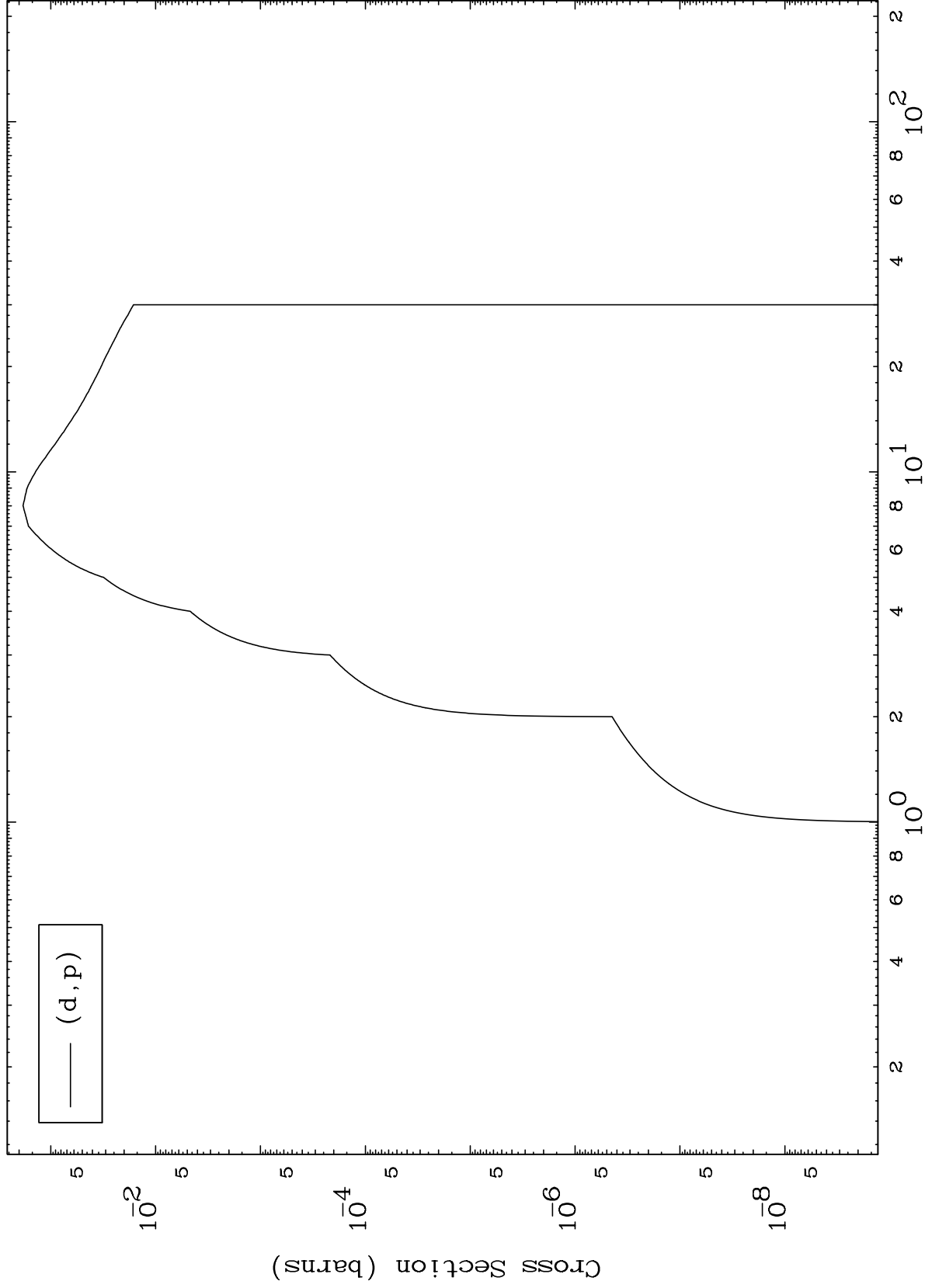


MAT 4017

(d,p) Levels

40-Zr-87

0 Kelvin Cross Sections



(d,p)

Incident Energy (MeV)

40-Zr-87

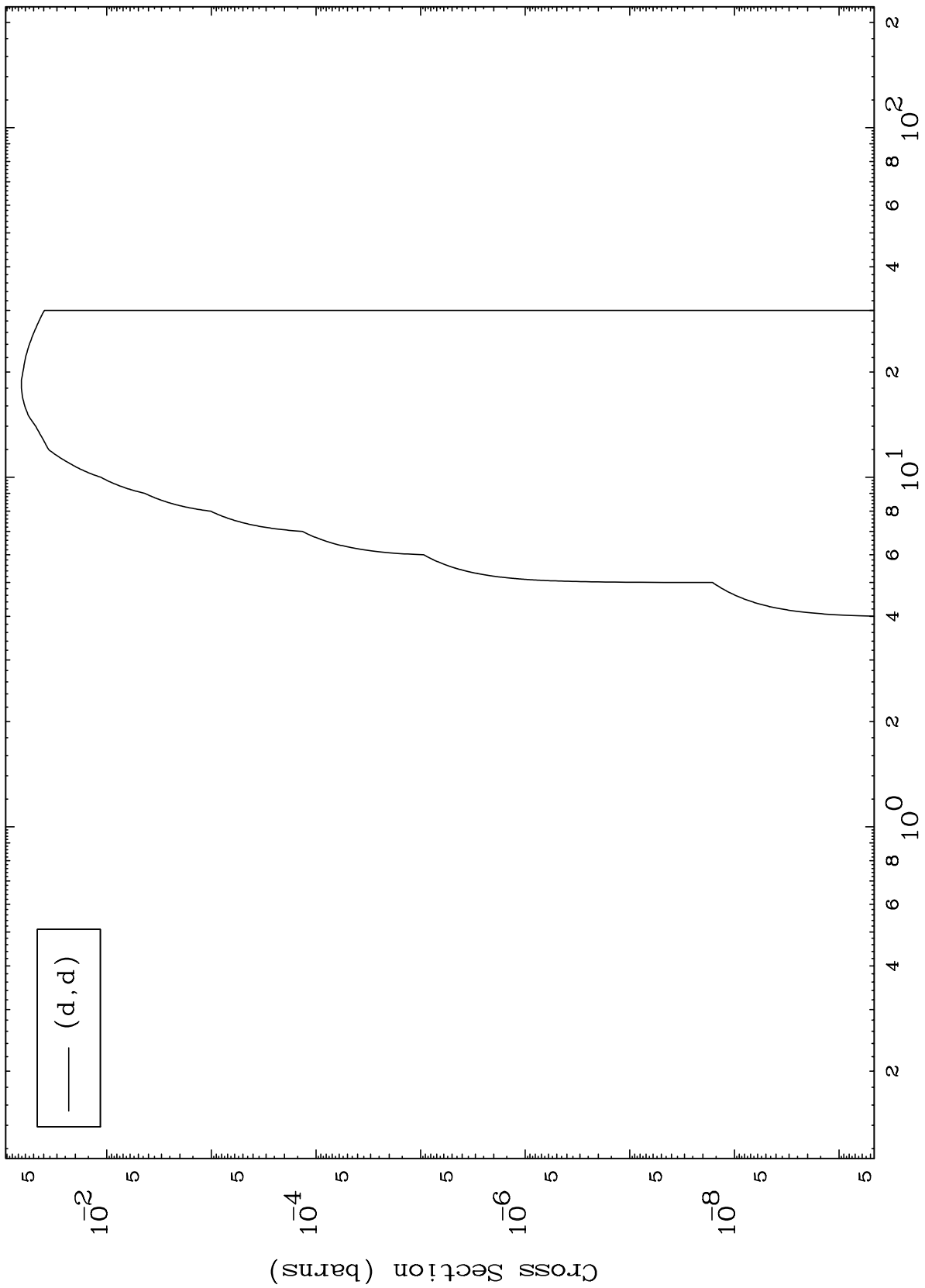
6

MAT 4017

(d,d) Levels

40-Zr-87

0 Kelvin Cross Sections

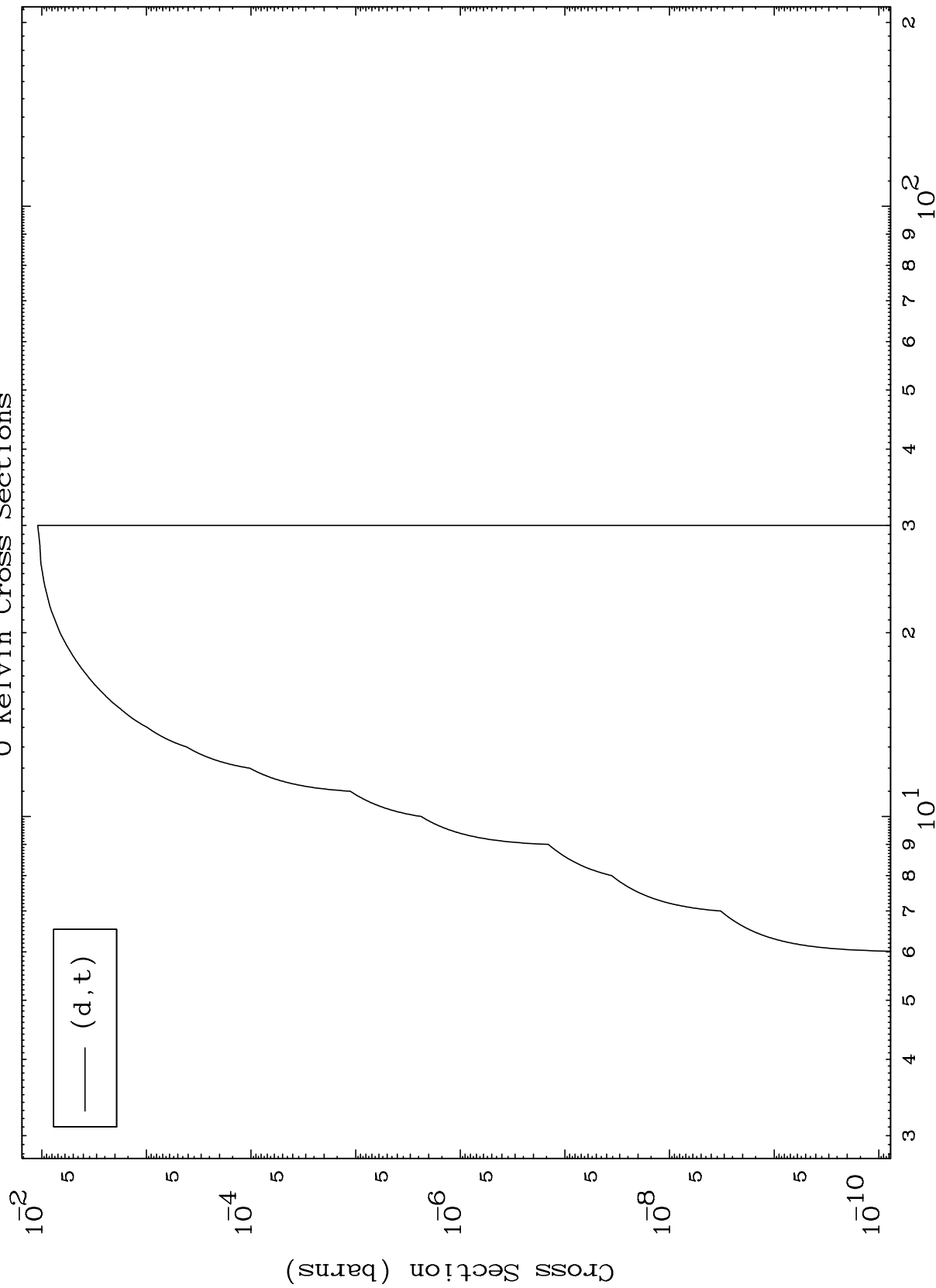


MAT 4017

(d,t) Levels

40-Zr-87

0 Kelvin Cross Sections

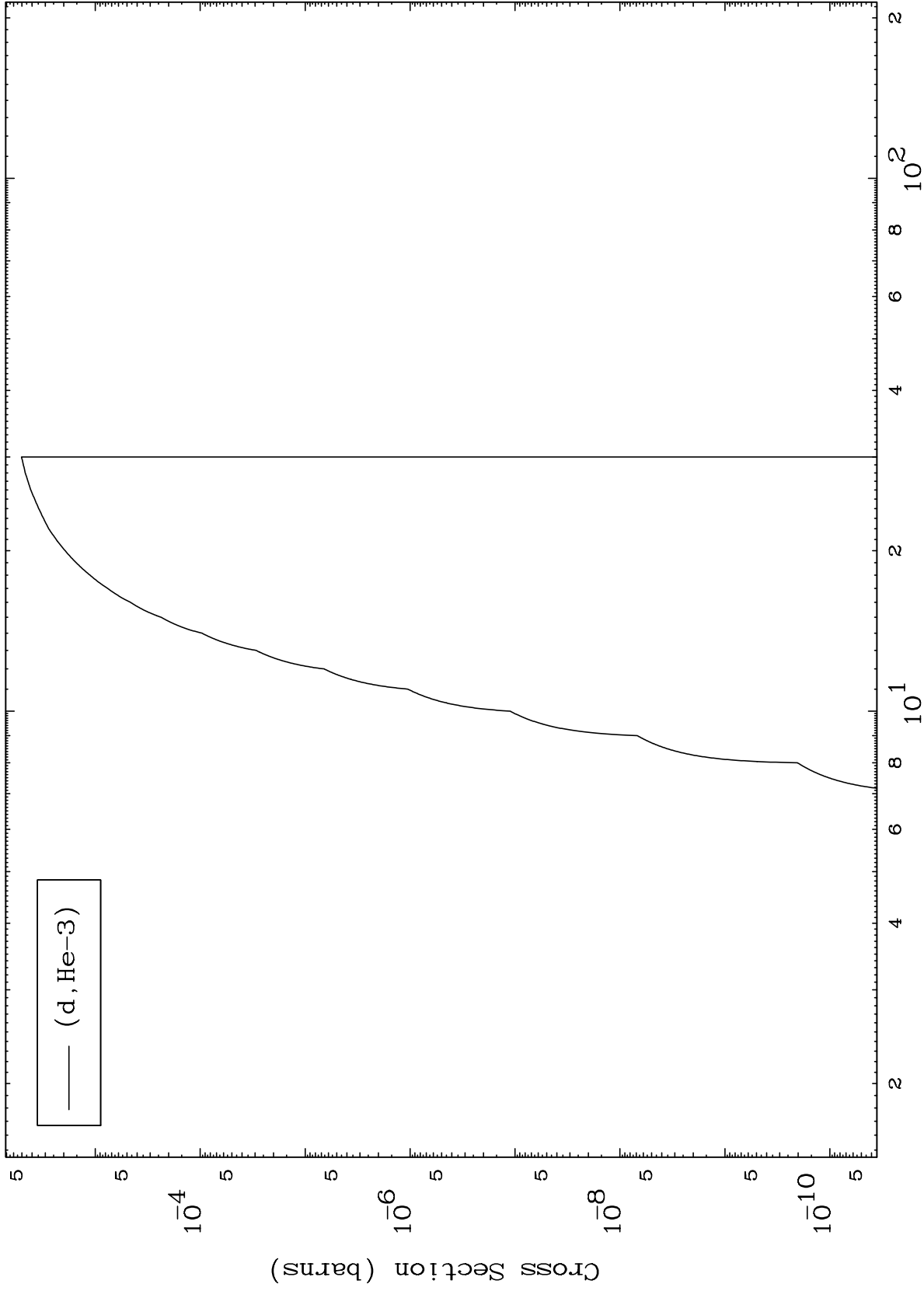


8

Incident Energy (MeV)

40-Zr-87

0 Kelvin Cross Sections

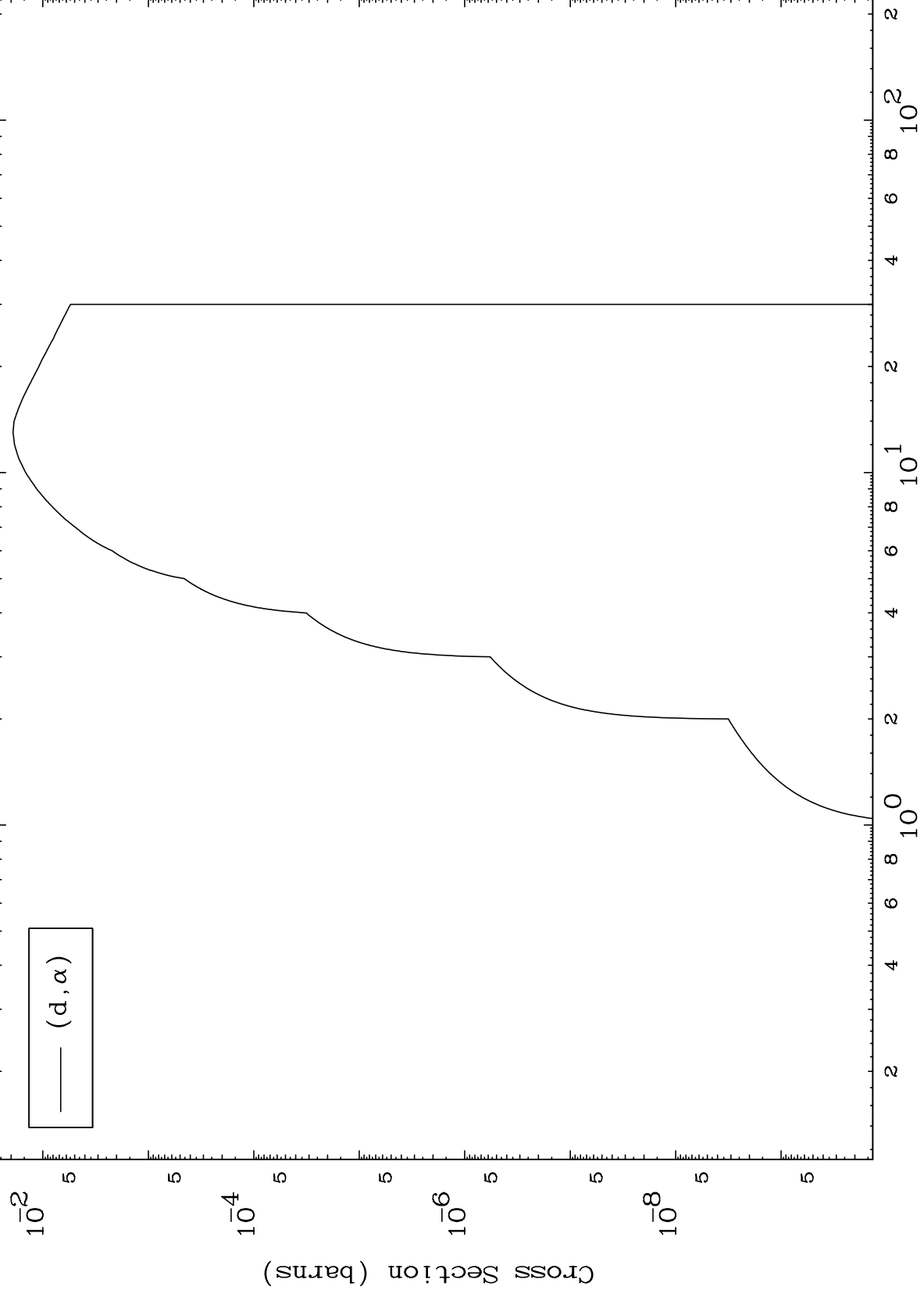


MAT 4017

(d, α) Levels

40-Zr-87

0 Kelvin Cross Sections



10

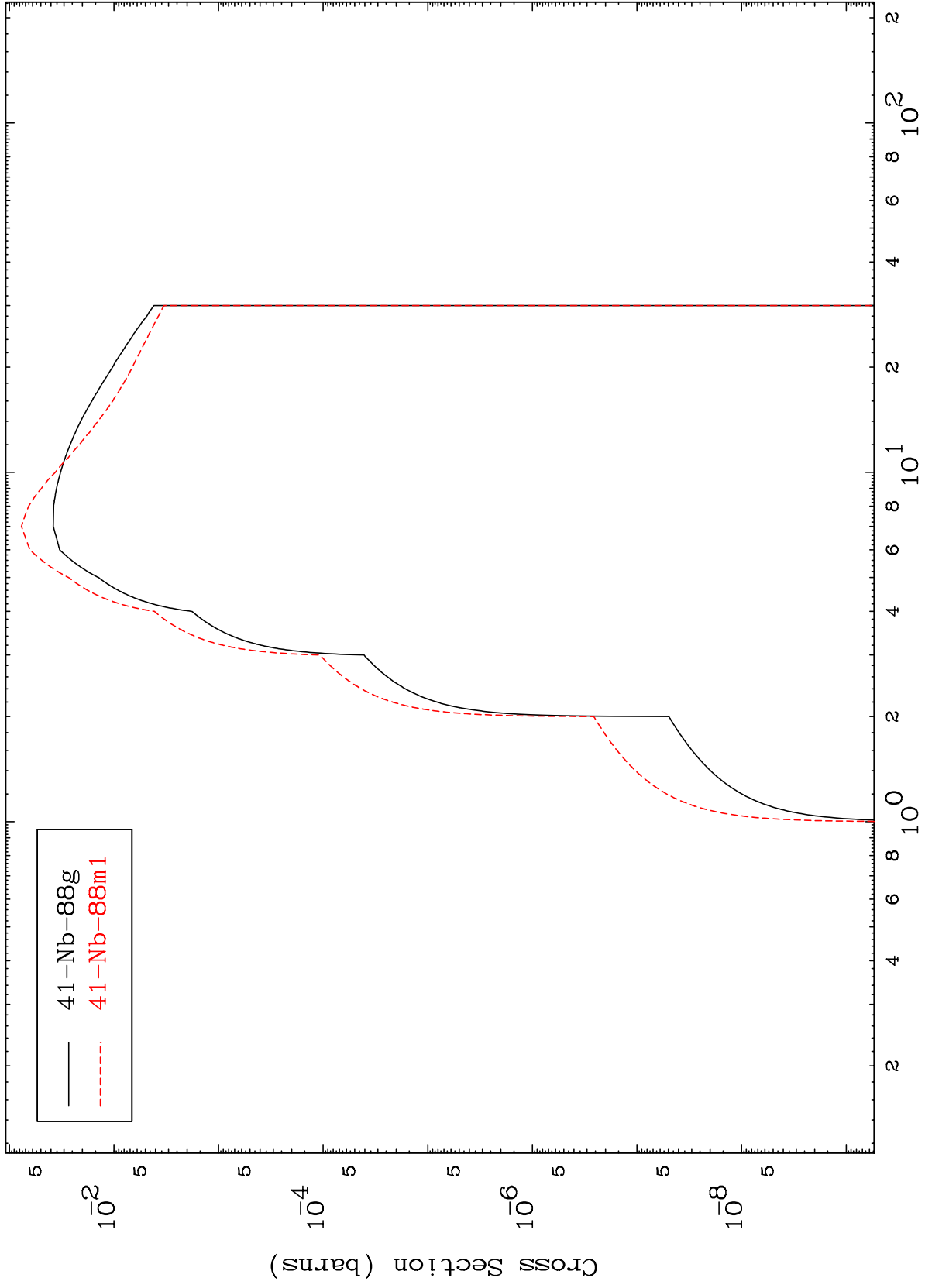
Incident Energy (MeV)

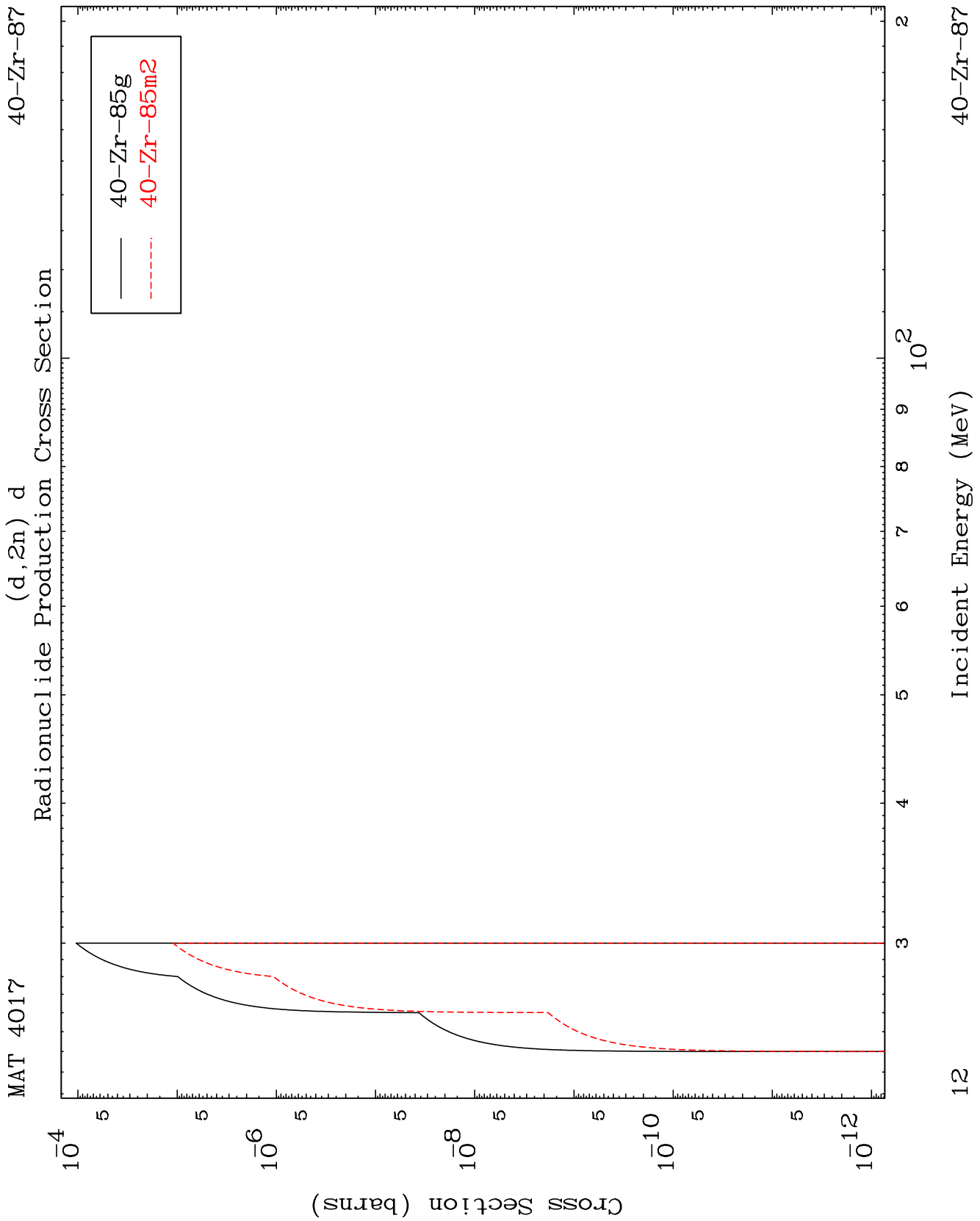
40-Zr-87

MAT 4017

Deuteron Inelastic
Radionuclide Production Cross Section

40-Zr-87

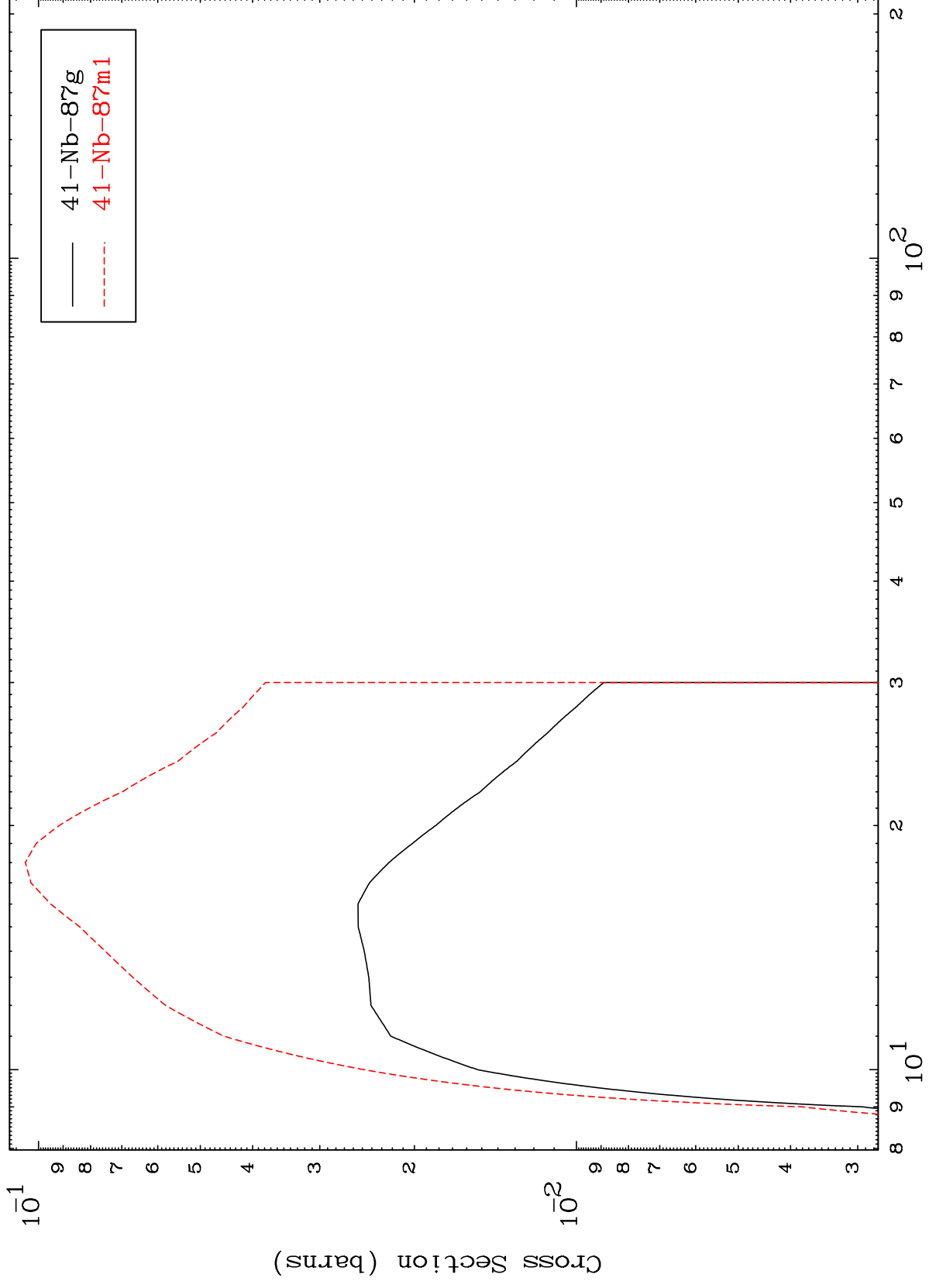




MAT 4017

40-Zr-87

(d,2n)
Radionuclide Production Cross Section

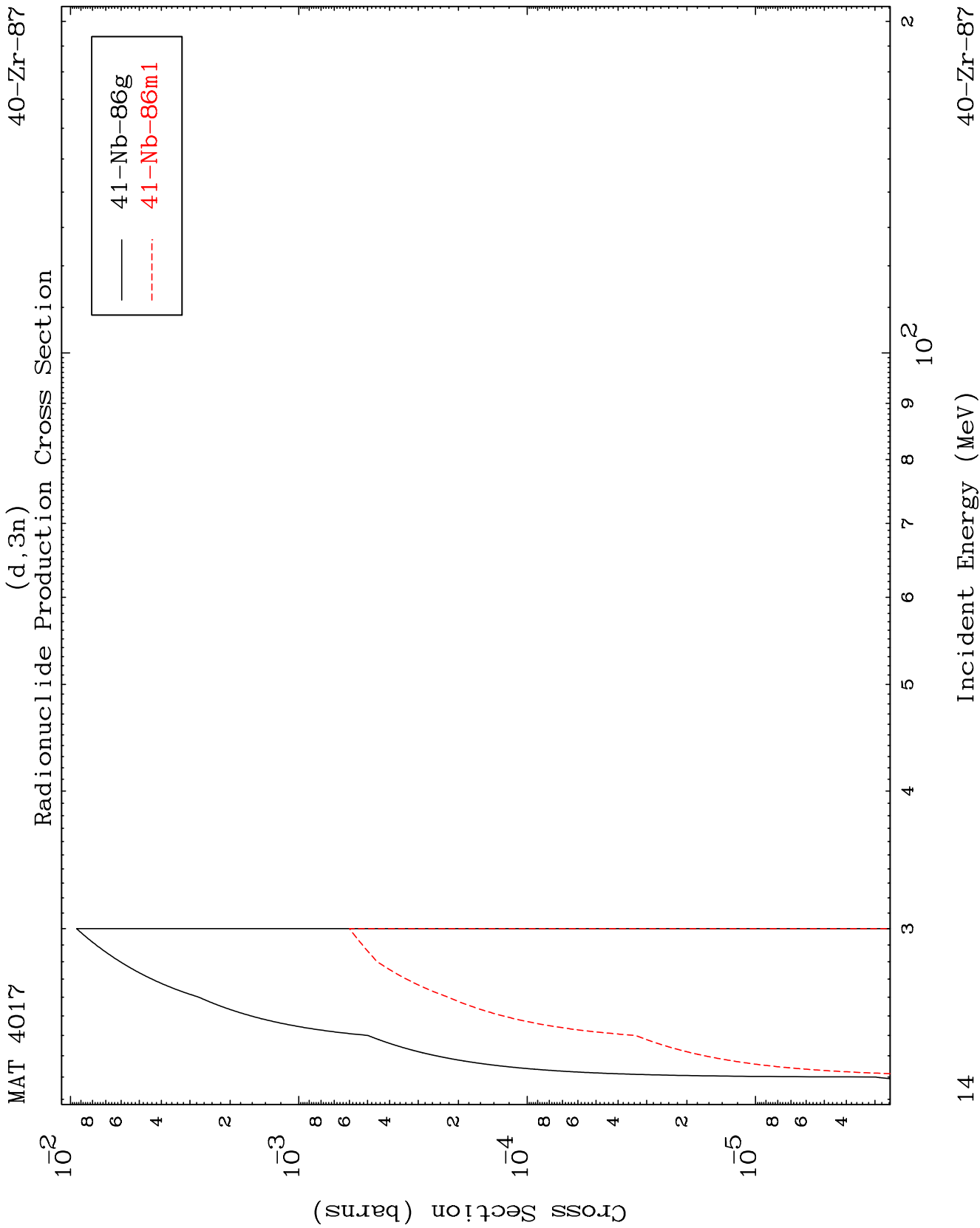


— 41-Nb-87g
- - - 41-Nb-87m1

40-Zr-87

Incident Energy (MeV)

13

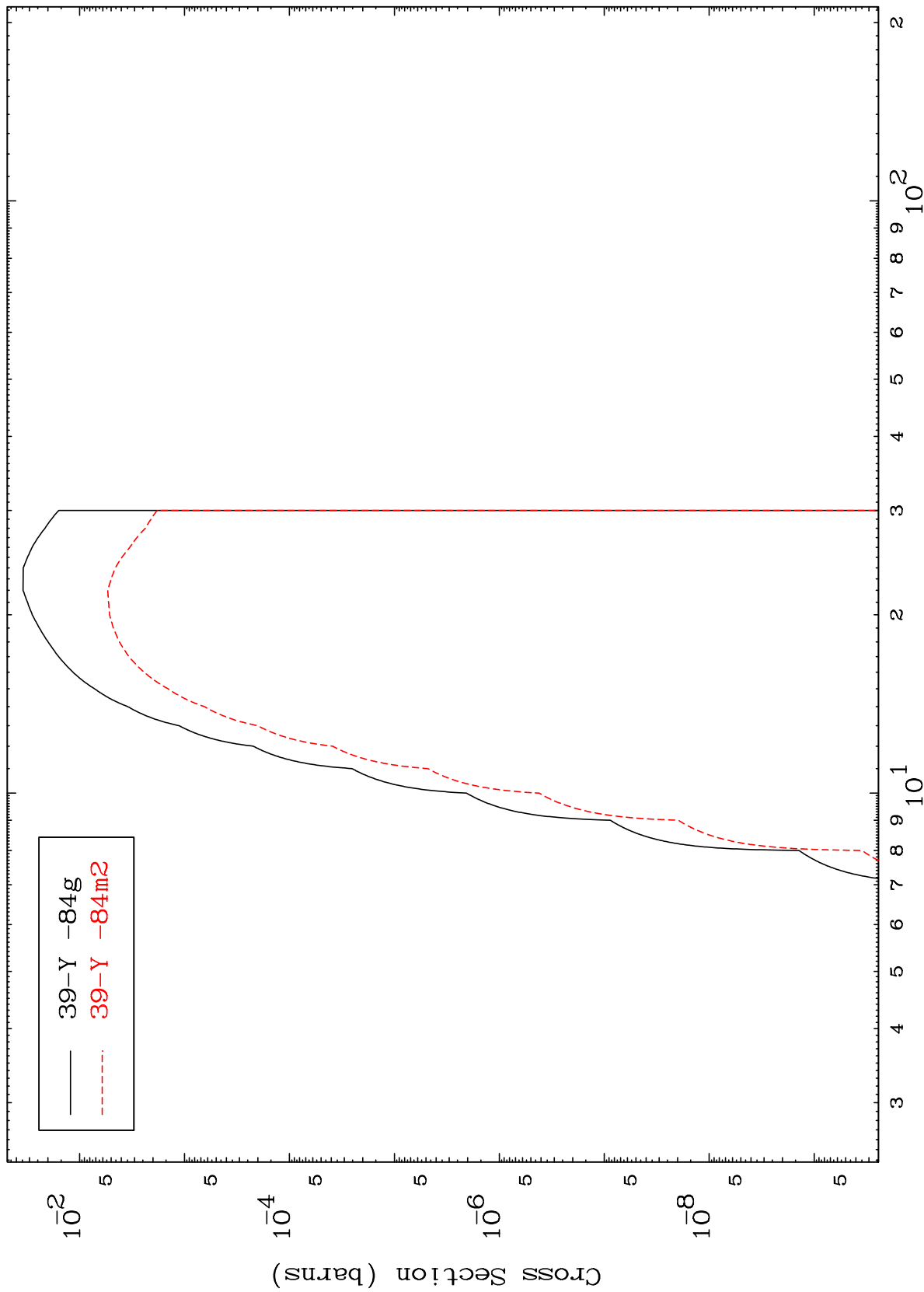


MAT 4017

(d,n') α

40-Zr-87

Radionuclide Production Cross Section



— 39-Y -84g
- - - 39-Y -84m2

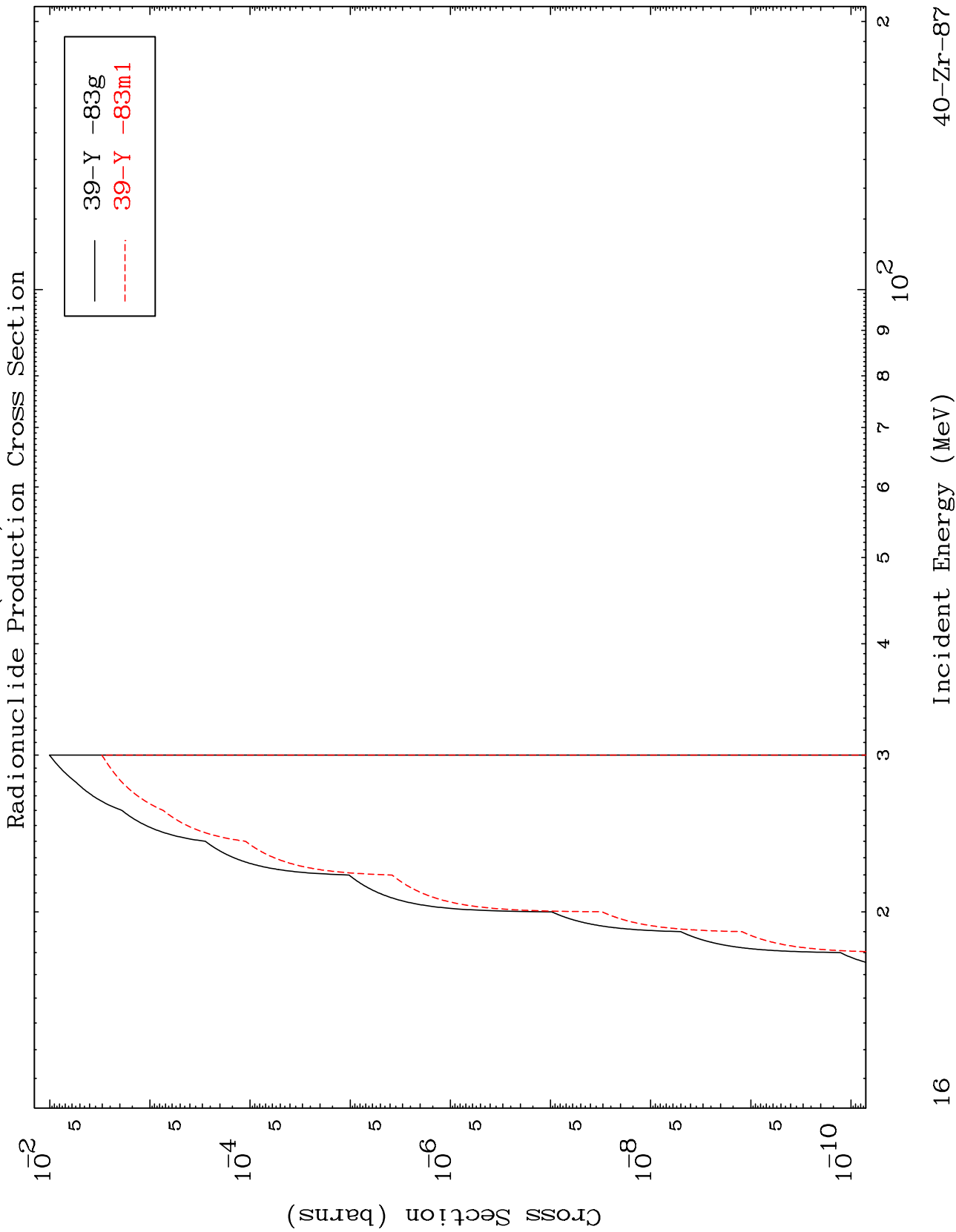
15

40-Zr-87

MAT 4017

(d,2n) α

40-Zr-87

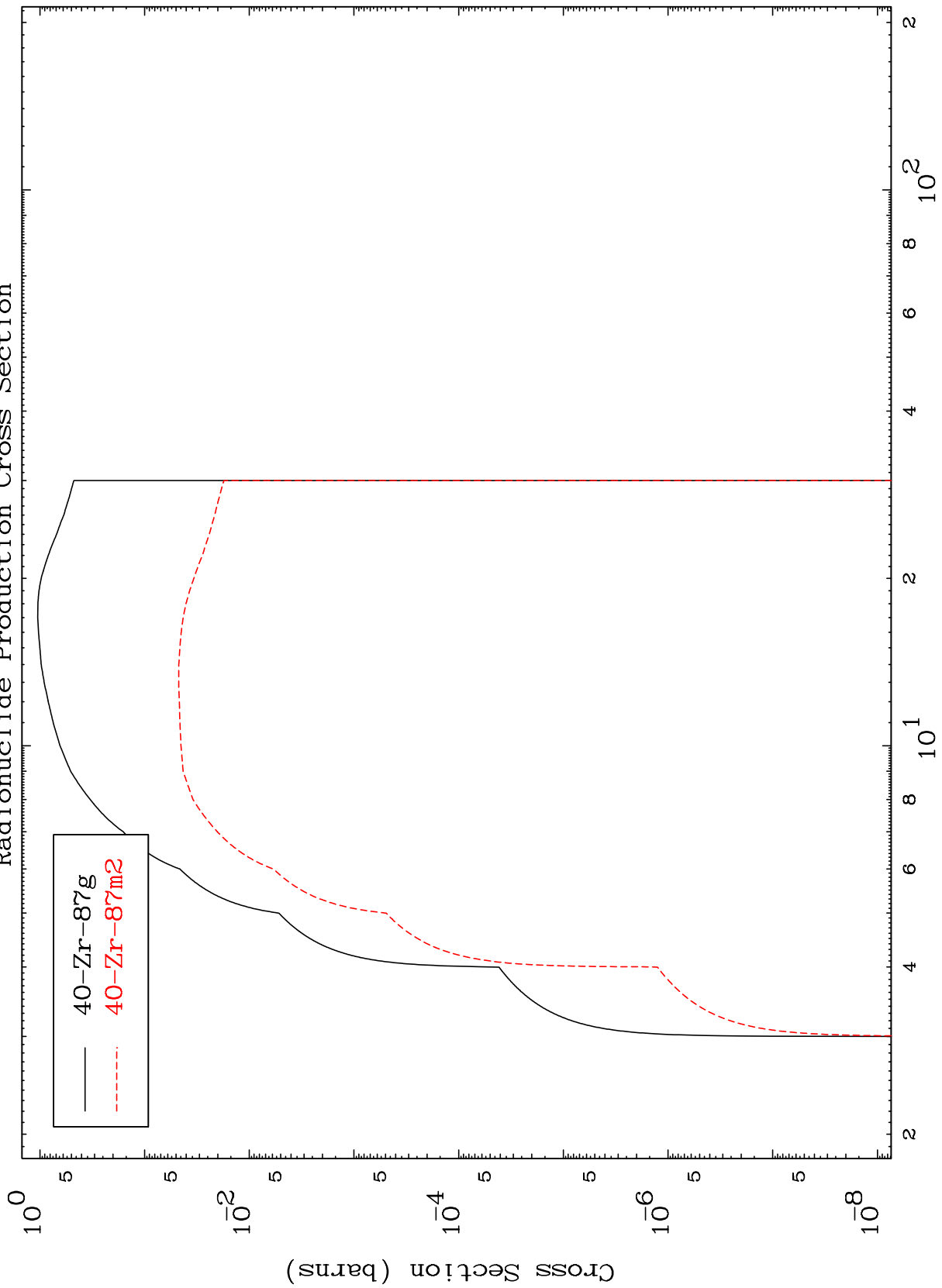


MAT 4017

(d,n') p

40-Zr-87

Radionuclide Production Cross Section



17

Incident Energy (MeV)

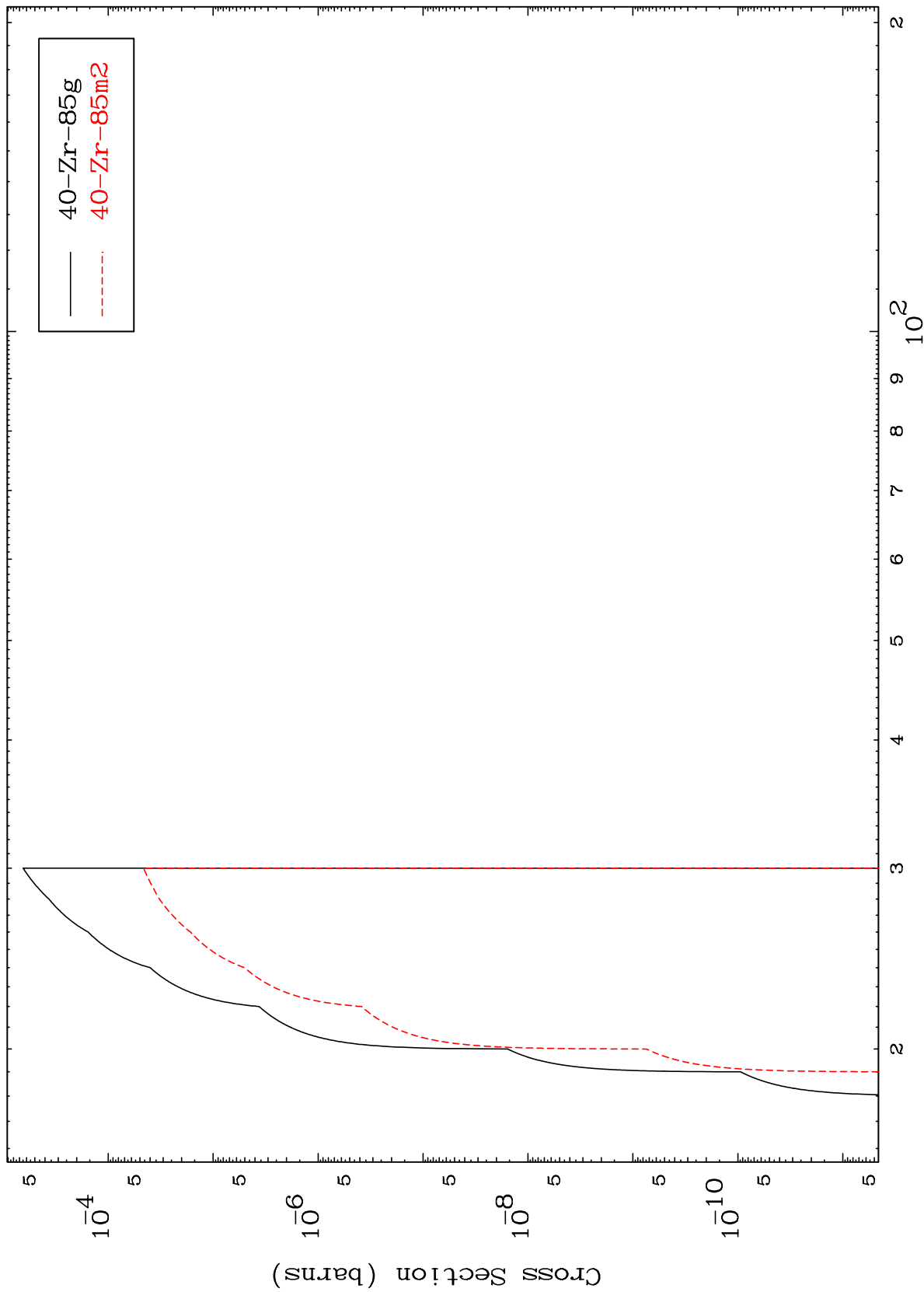
40-Zr-87

MAT 4017

(d,n') t

40-Zr-87

Radionuclide Production Cross Section



18

Incident Energy (MeV)

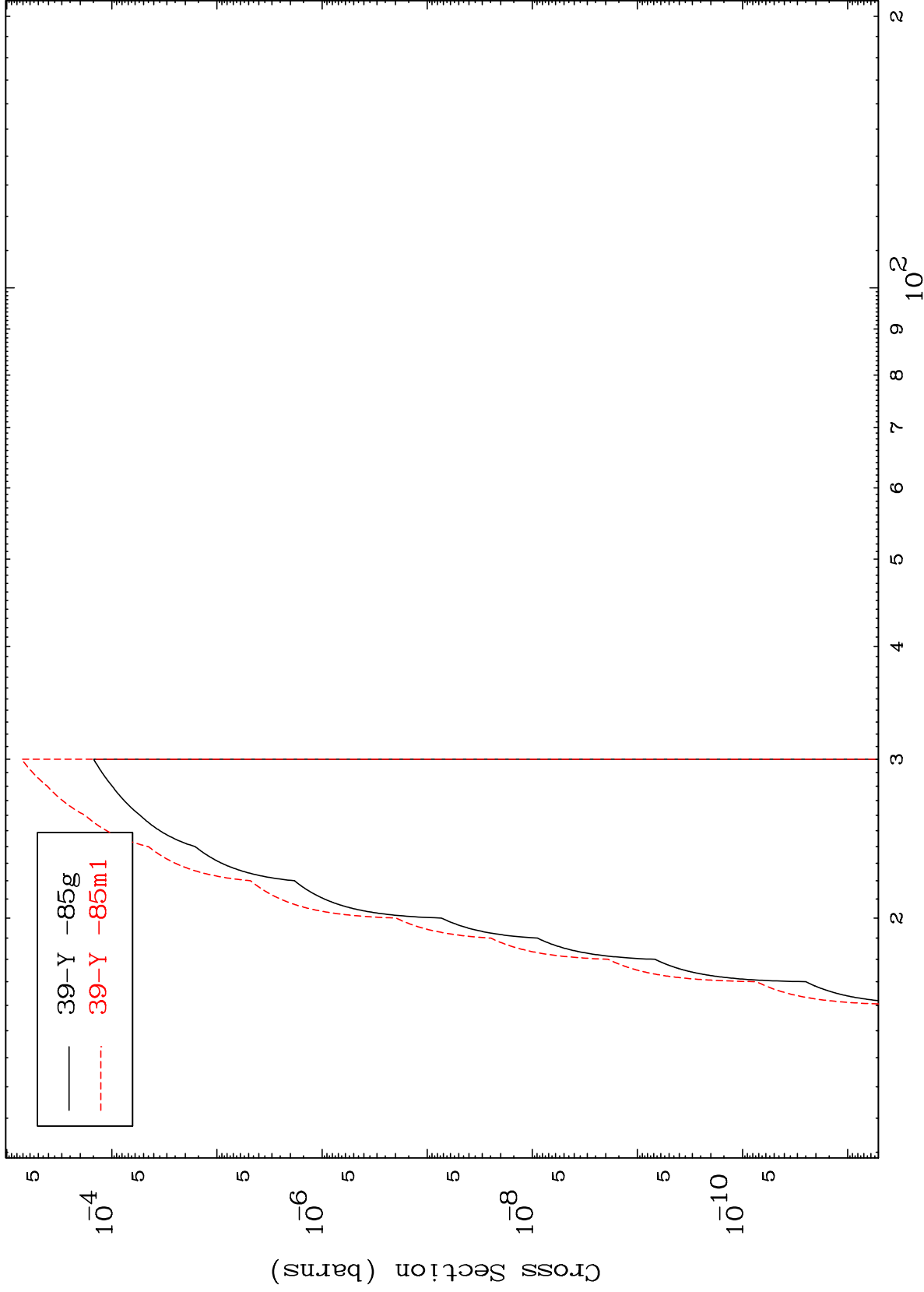
40-Zr-87

MAT 4017

(d,n') He-3

40-Zr-87

Radionuclide Production Cross Section



19

Incident Energy (MeV)

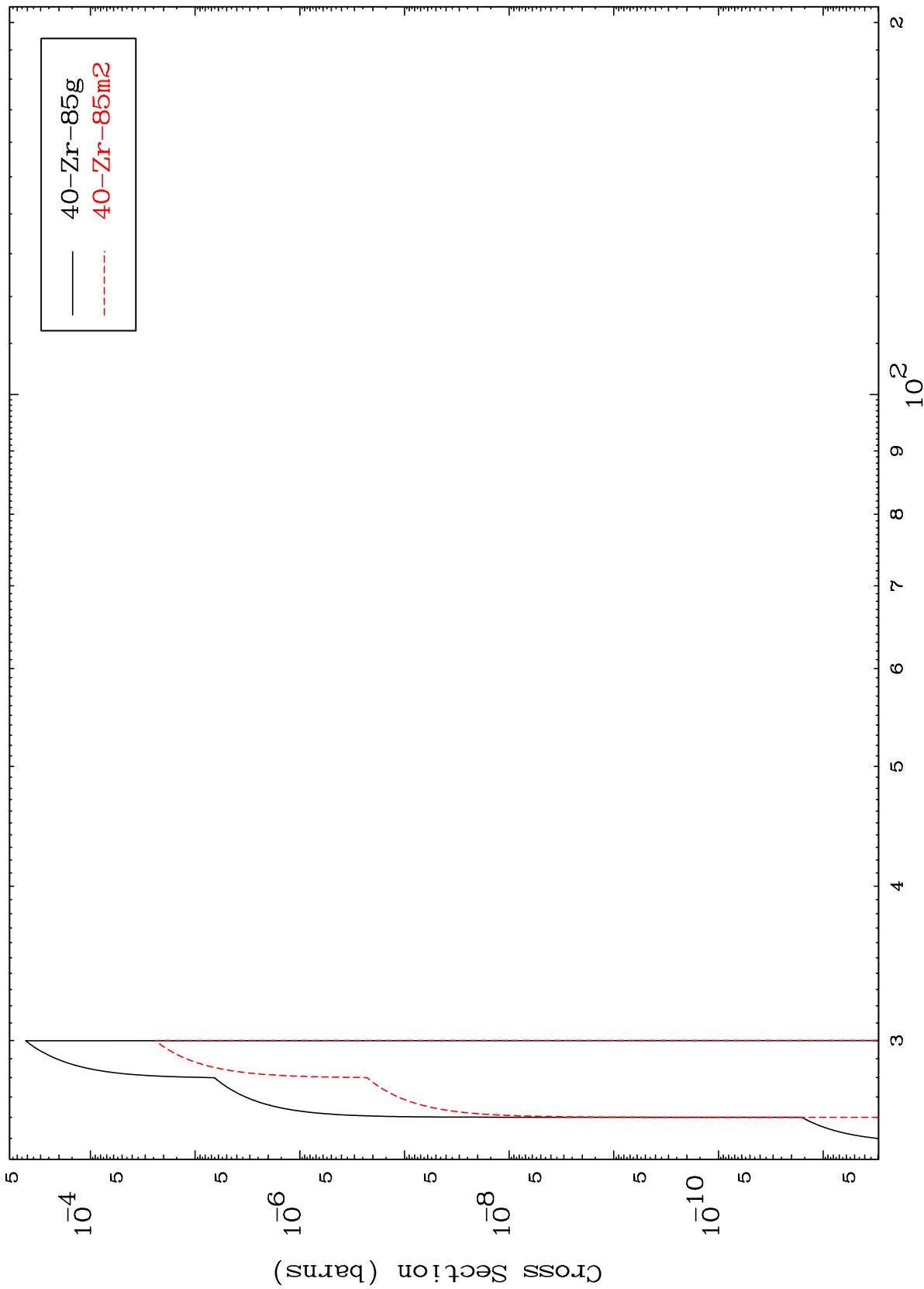
40-Zr-87

MAT 4017

(d,3n) p

40-Zr-87

Radionuclide Production Cross Section



20

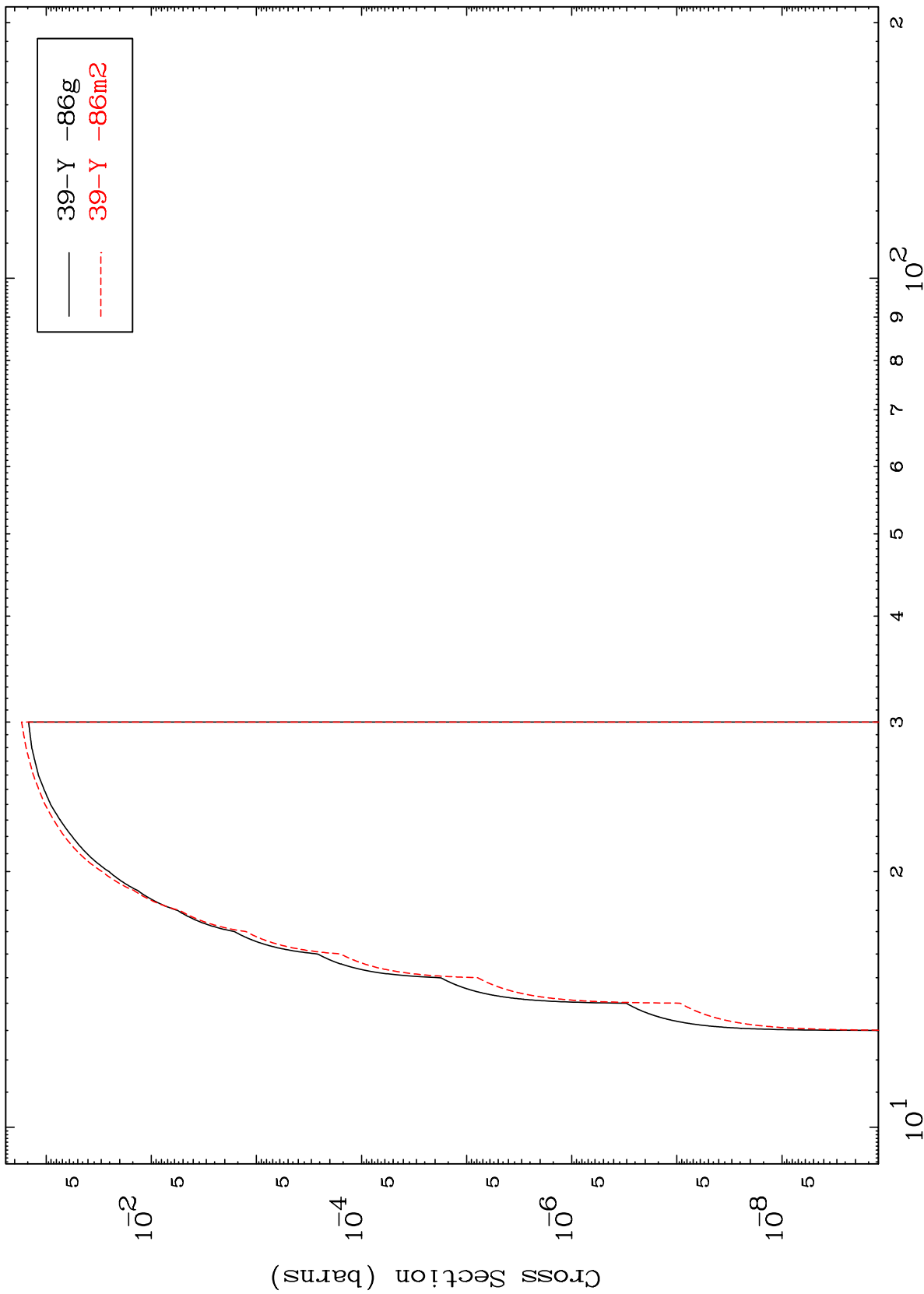
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

(d,2n) p
Radionuclide Production Cross Section



40-Zr-87

Incident Energy (MeV)

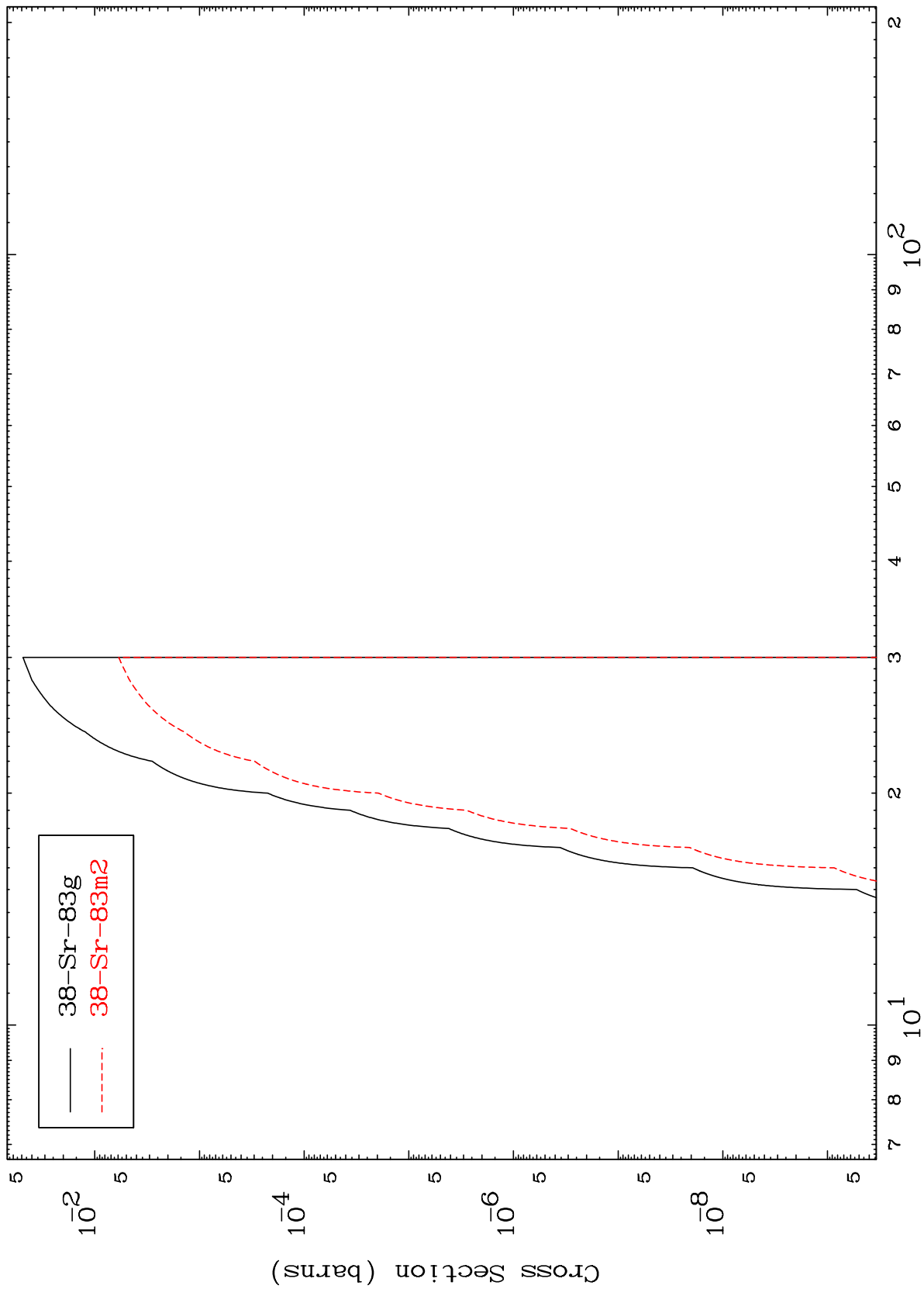
21

MAT 4017

(d,n') p α

40-Zr-87

Radionuclide Production Cross Section

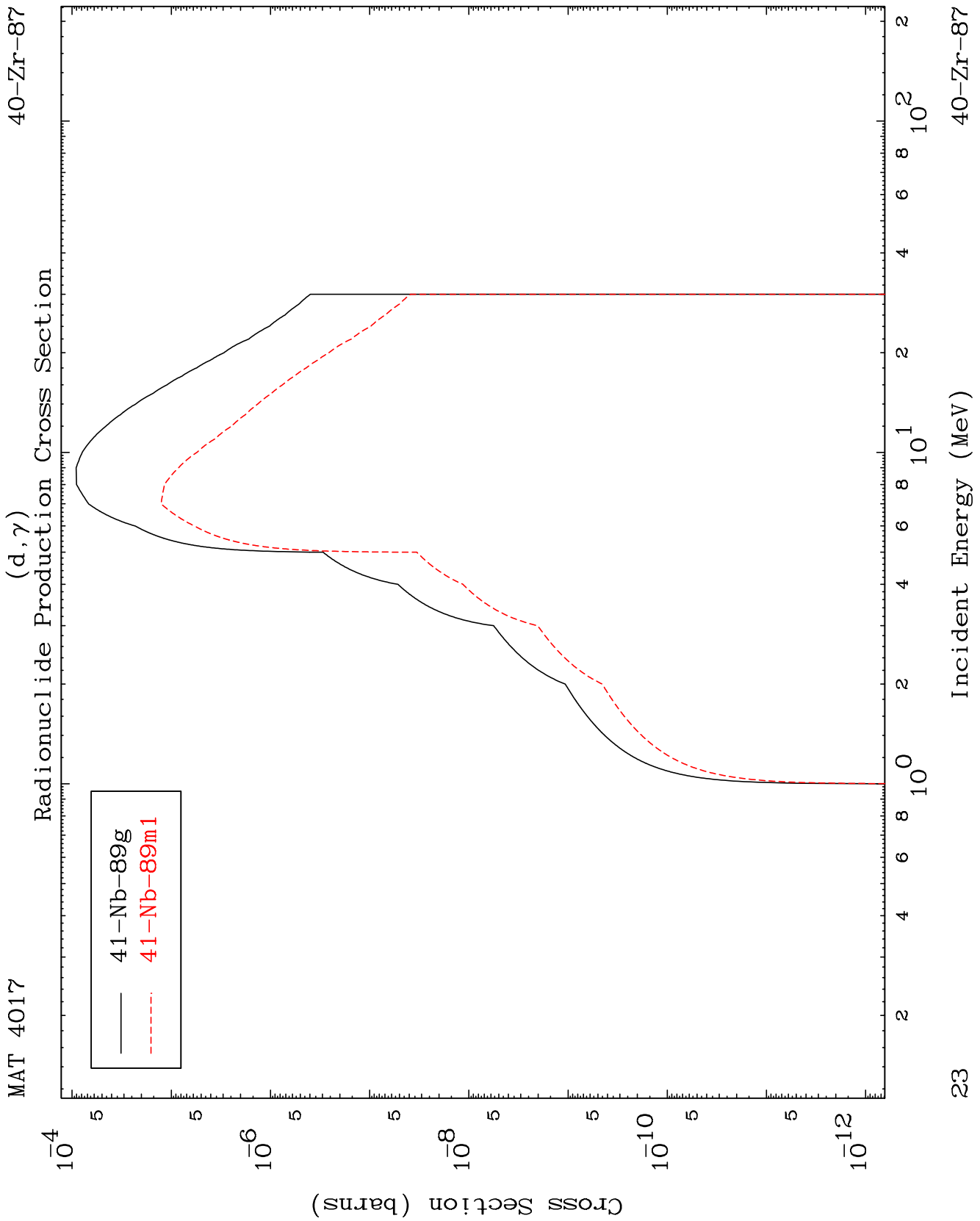


— 38-Sr-83g
- - - 38-Sr-83m2

Incident Energy (MeV)

40-Zr-87

22

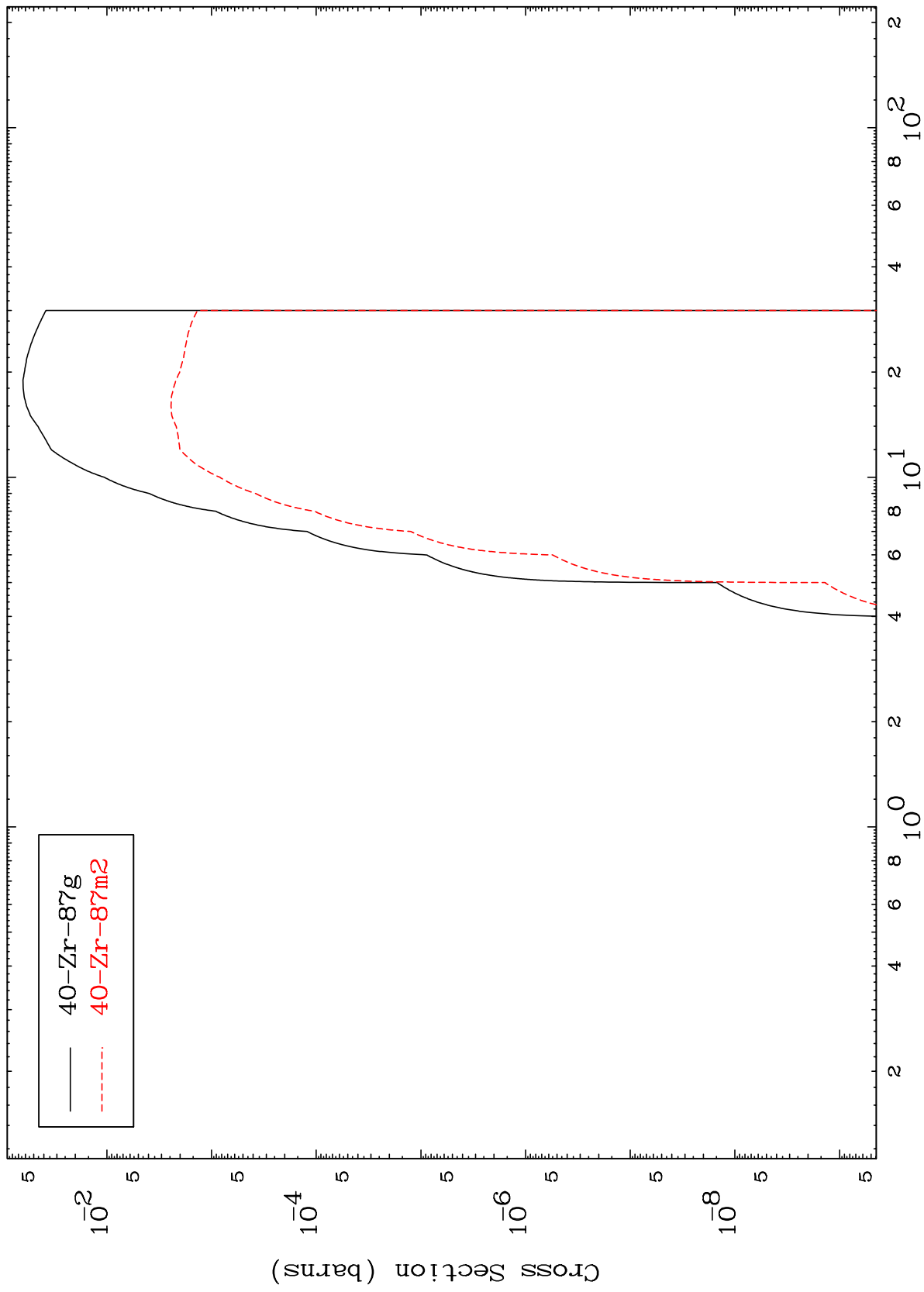


MAT 4017

(d,d)

40-Zr-87

Radionuclide Production Cross Section



24

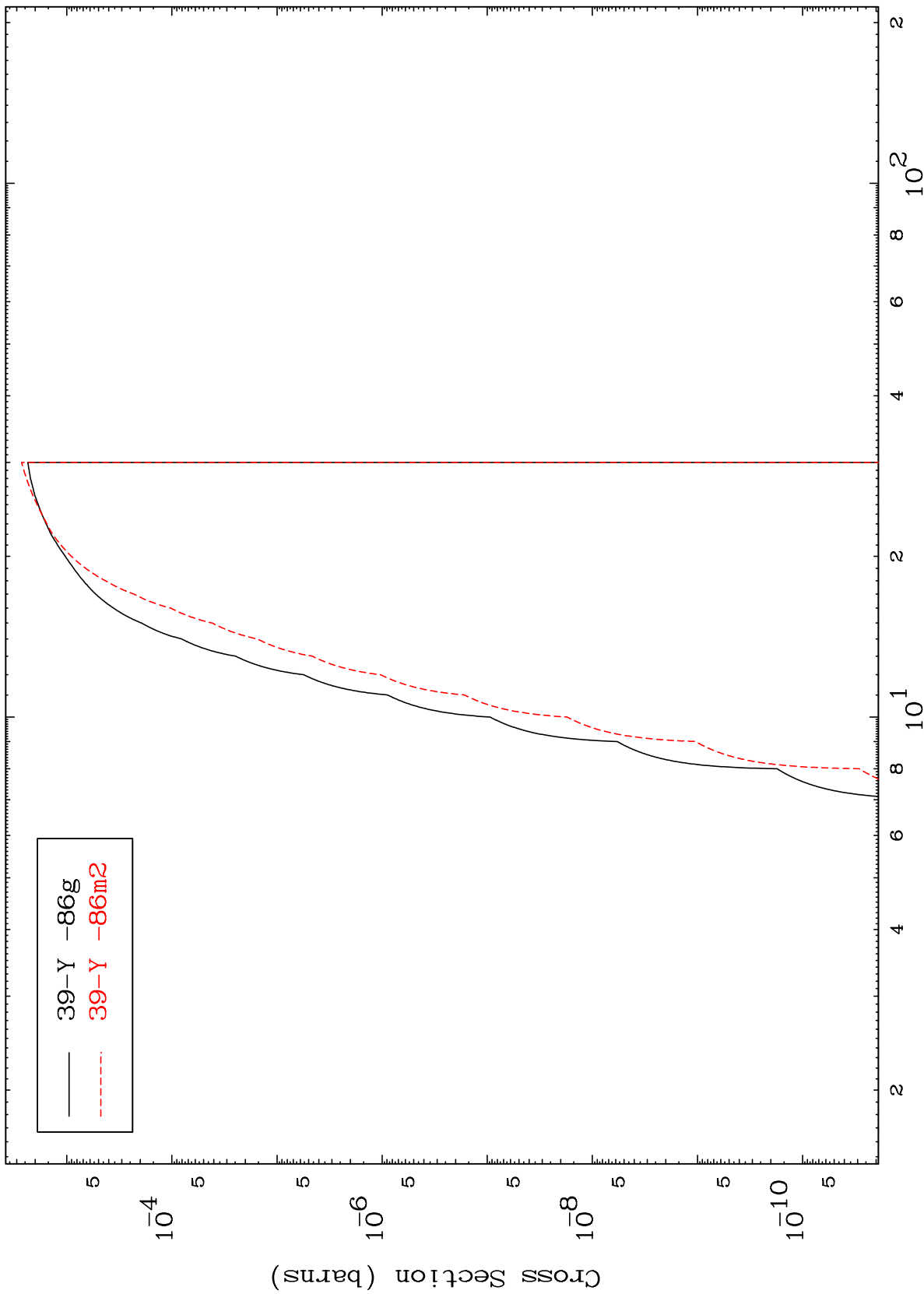
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

Radionuclide Production Cross Section
(d,He-3)



— 39-Y -86g
- - - 39-Y -86m2

40-Zr-87

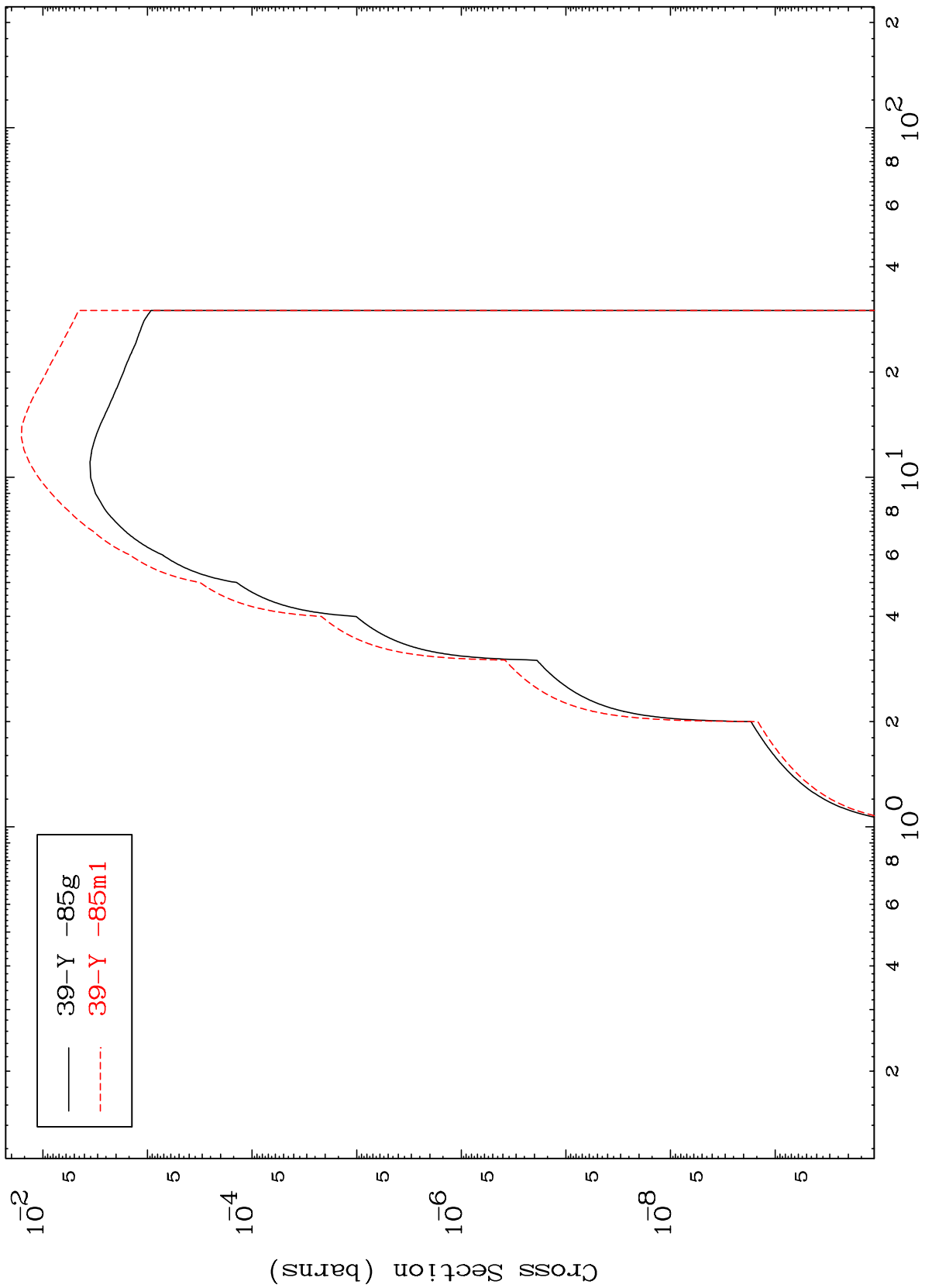
Incident Energy (MeV)

25

MAT 4017

40-Zr-87

Radionuclide Production Cross Section
(d, α)



40-Zr-87

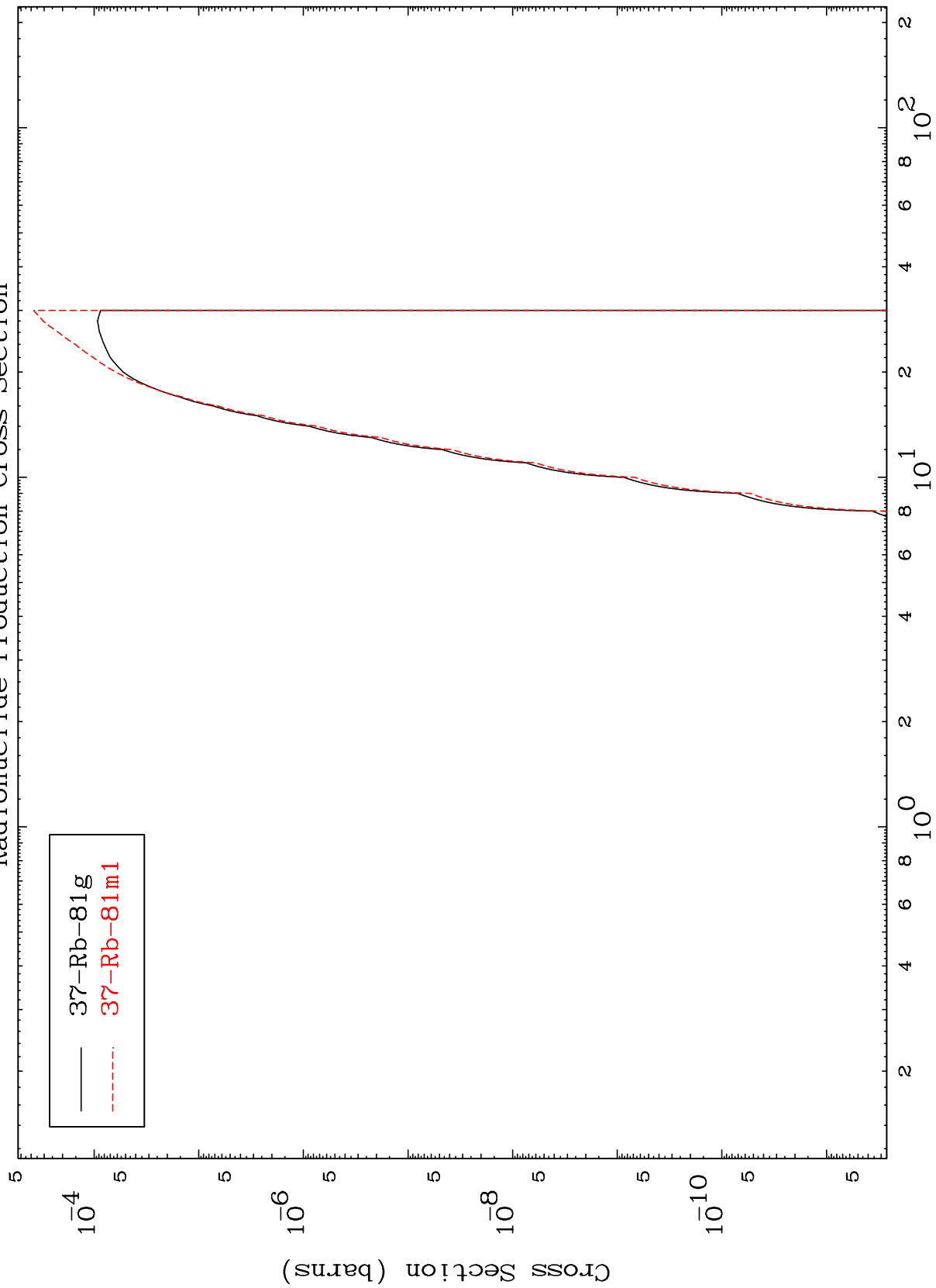
Incident Energy (MeV)

26

MAT 4017

40-Zr-87

Radionuclide Production Cross Section
(d,2 α)



27

40-Zr-87

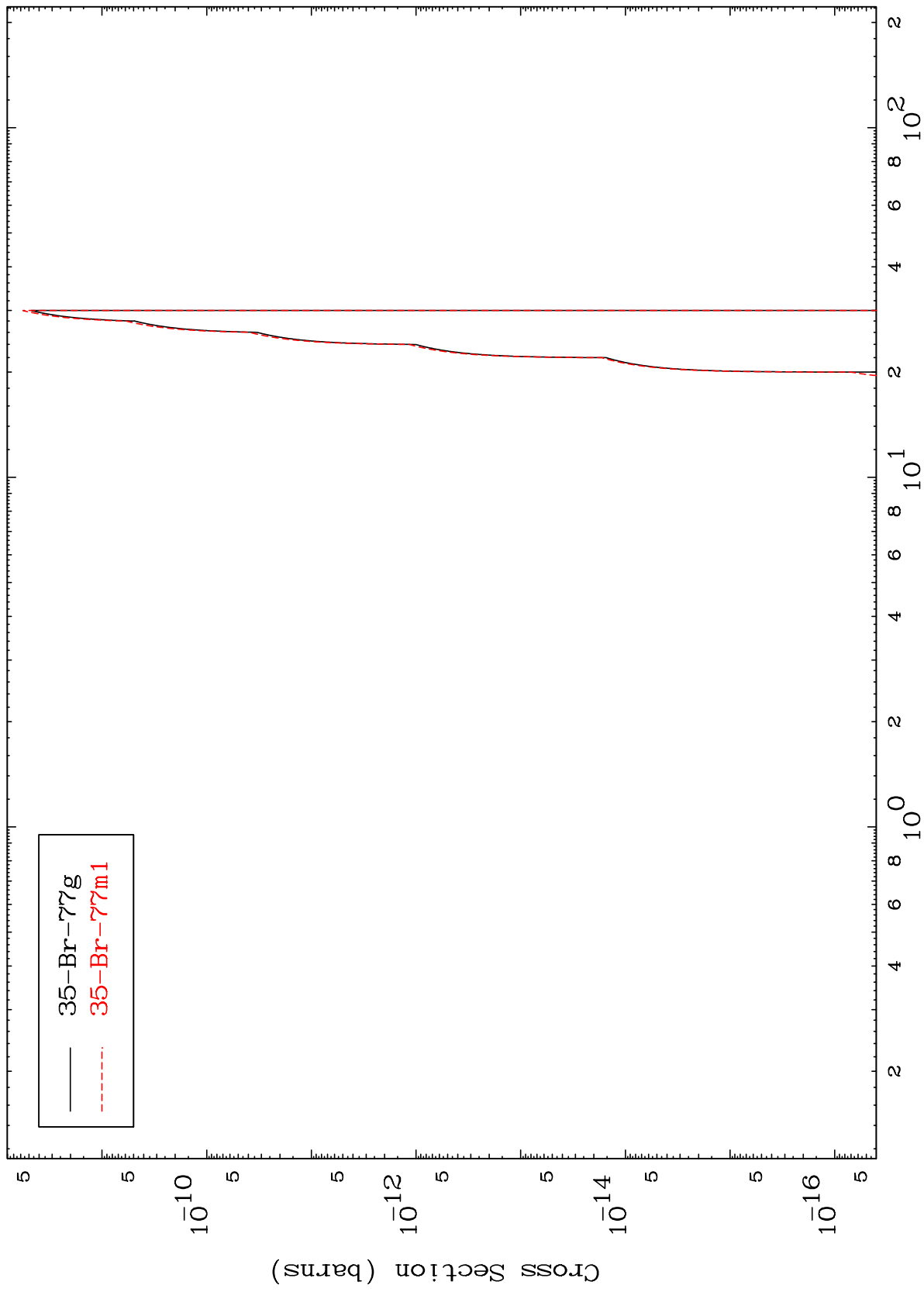
Incident Energy (MeV)

MAT 4017

40-Zr-87

(d,3 α)

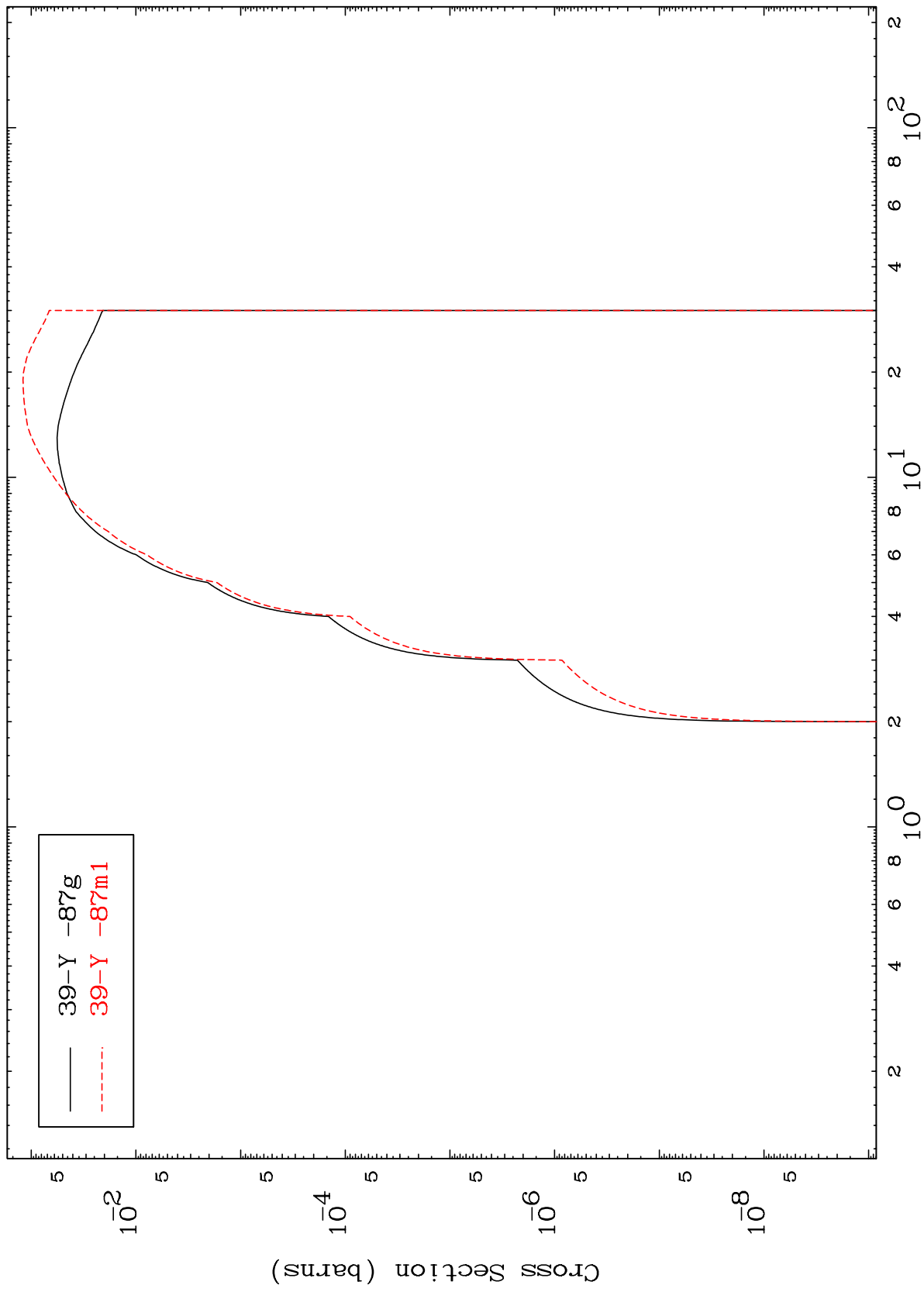
Radionuclide Production Cross Section



MAT 4017

40-Zr-87

Radionuclide Production Cross Section
(d,2p)



29

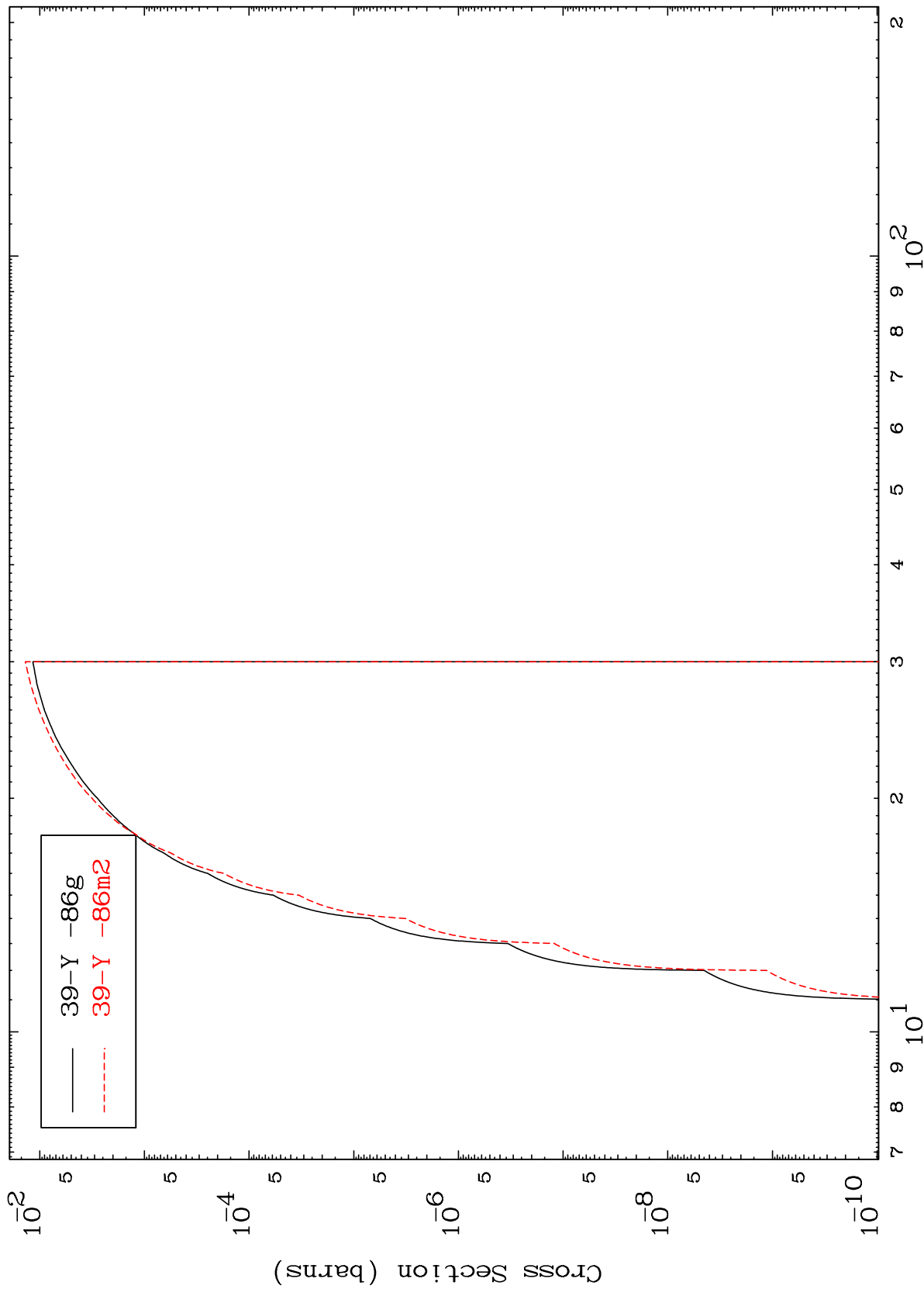
40-Zr-87

MAT 4017

(d,p) d

40-Zr-87

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-87

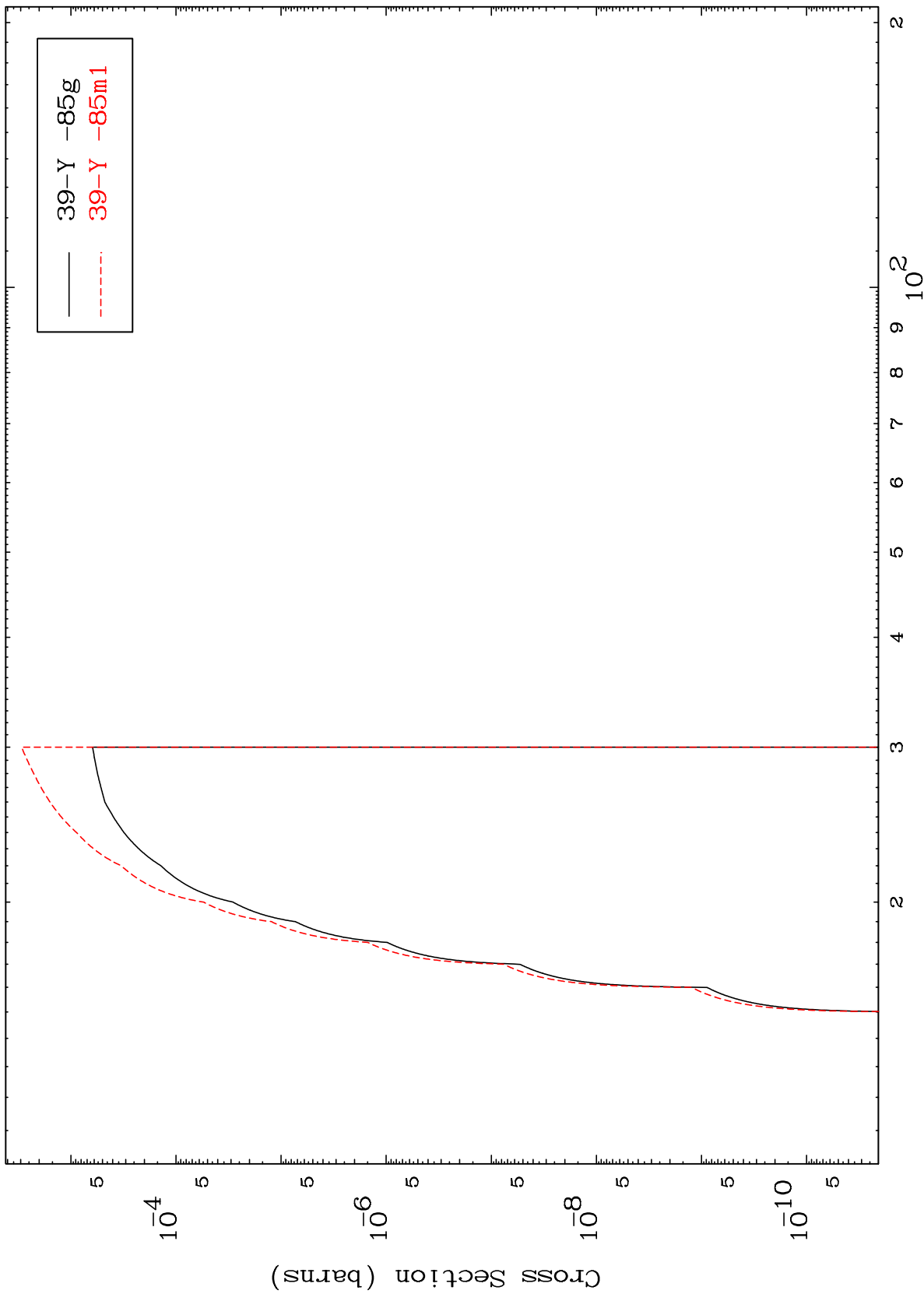
30

MAT 4017

(d,p) t

40-Zr-87

Radionuclide Production Cross Section



31

Incident Energy (MeV)

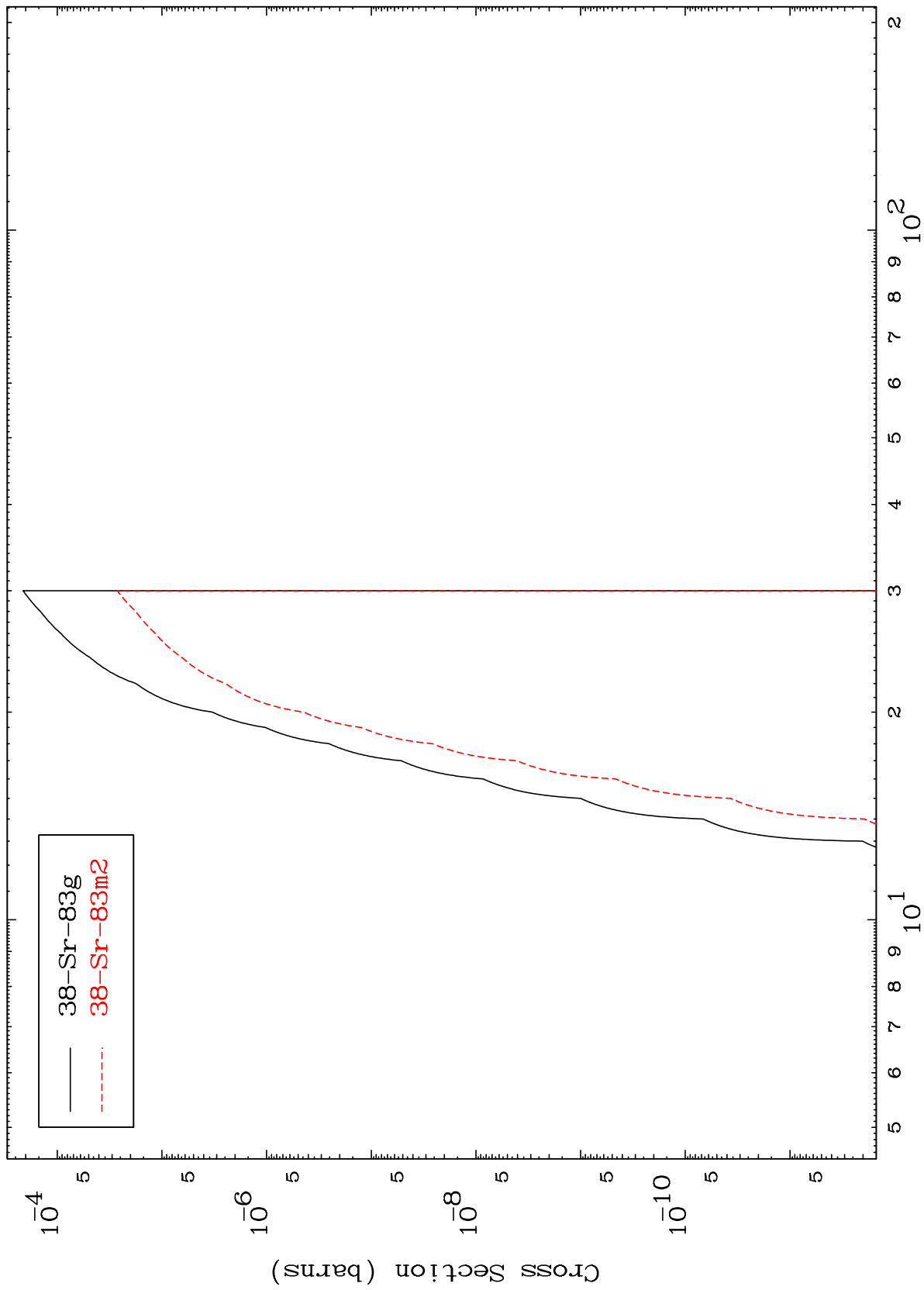
40-Zr-87

MAT 4017

40-Zr-87

(d,d) α

Radionuclide Production Cross Section



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

32

Incident Energy (MeV)

40-Zr-87