

Program EVALPLOT
(Version 2018-1)

by

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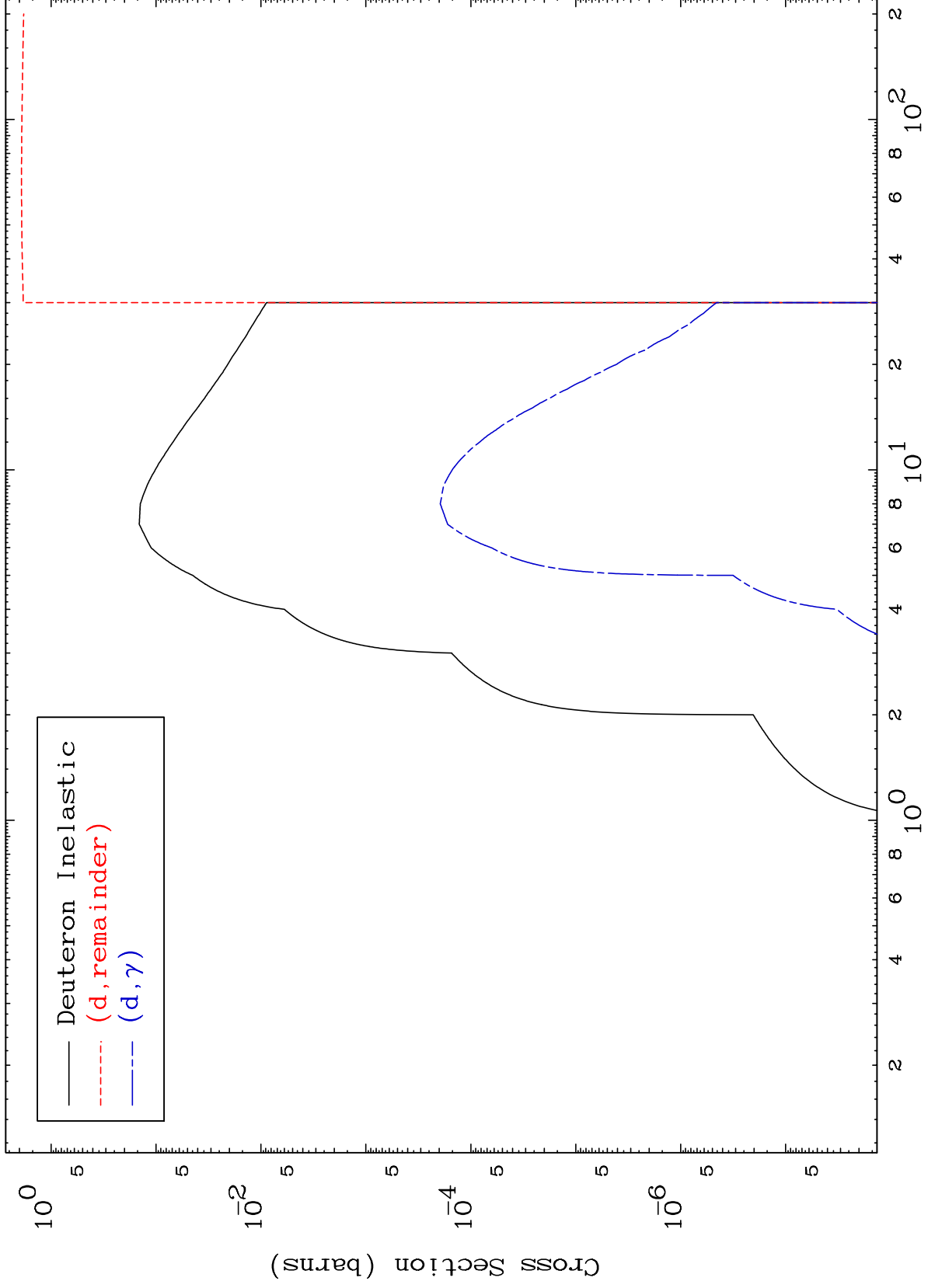
Press Mouse Button to Start

MAT 4016

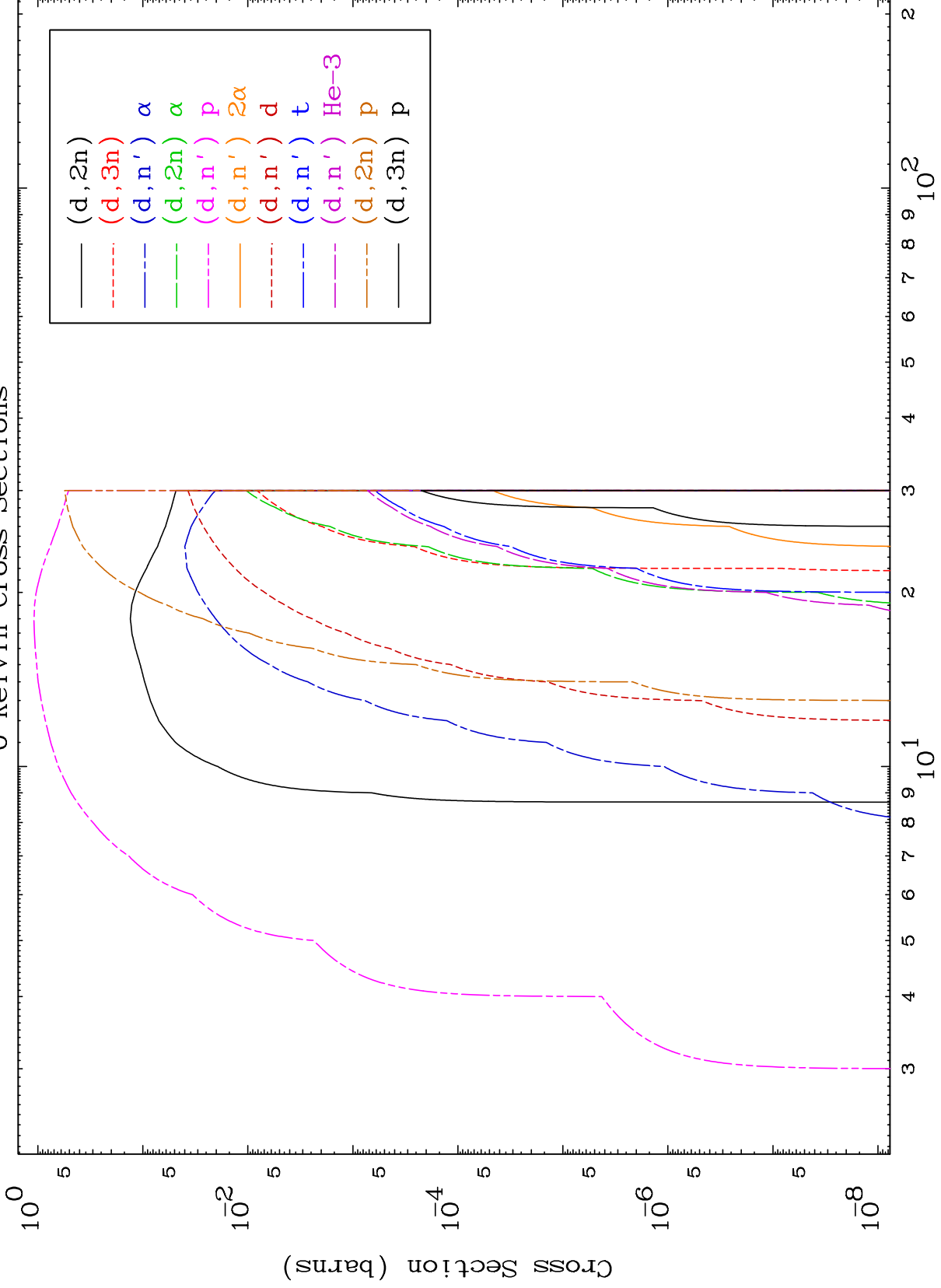
Deuteron Major

40-Zr-87

0 Kelvin Cross Sections



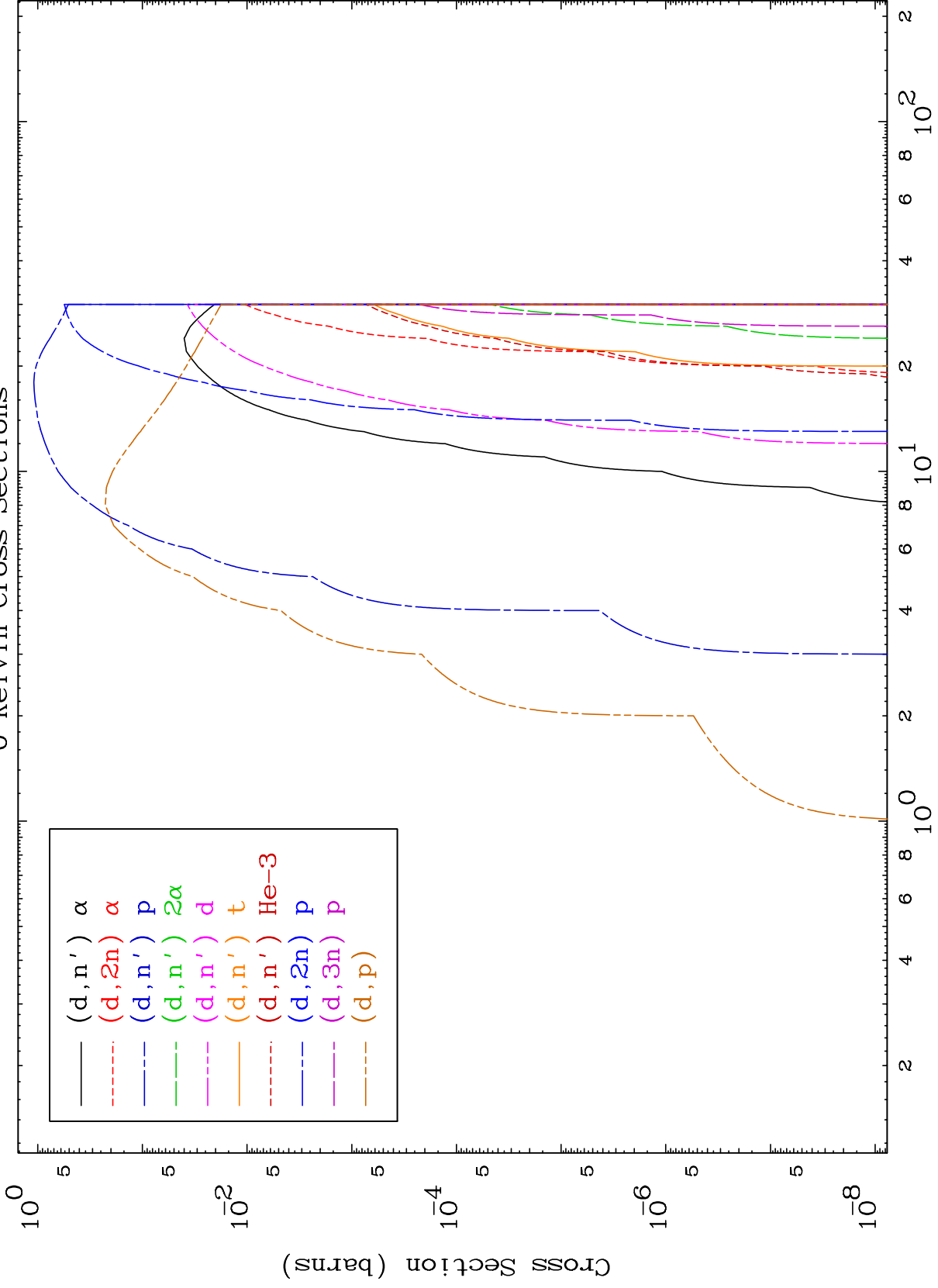
— Deuteron Inelastic
- - - (d, remainder)
- · - (d, γ)



MAT 4016

Deuteron Charged Particle
0 Kelvin Cross Sections

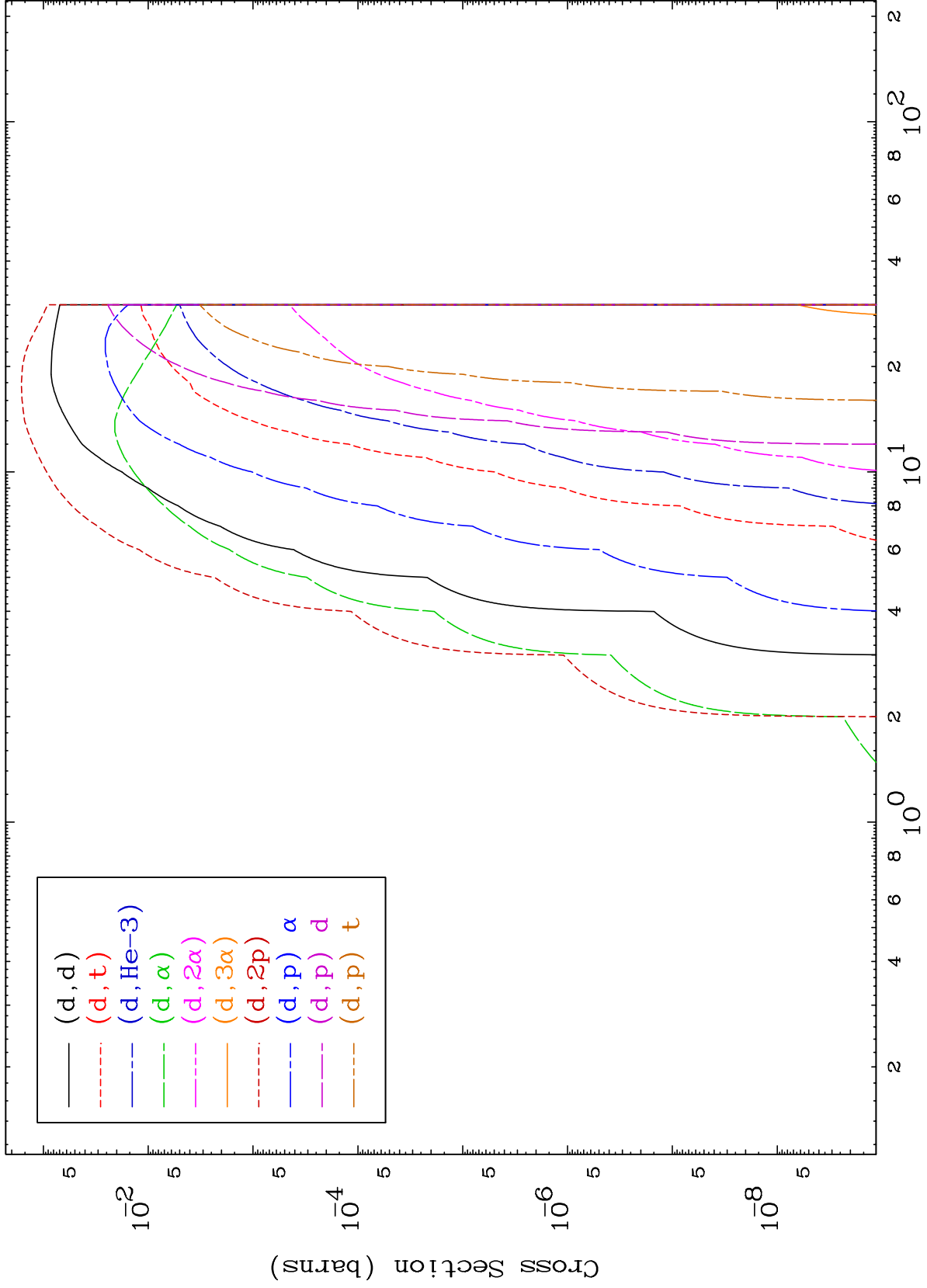
40-Zr-87



MAT 4016

Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-87

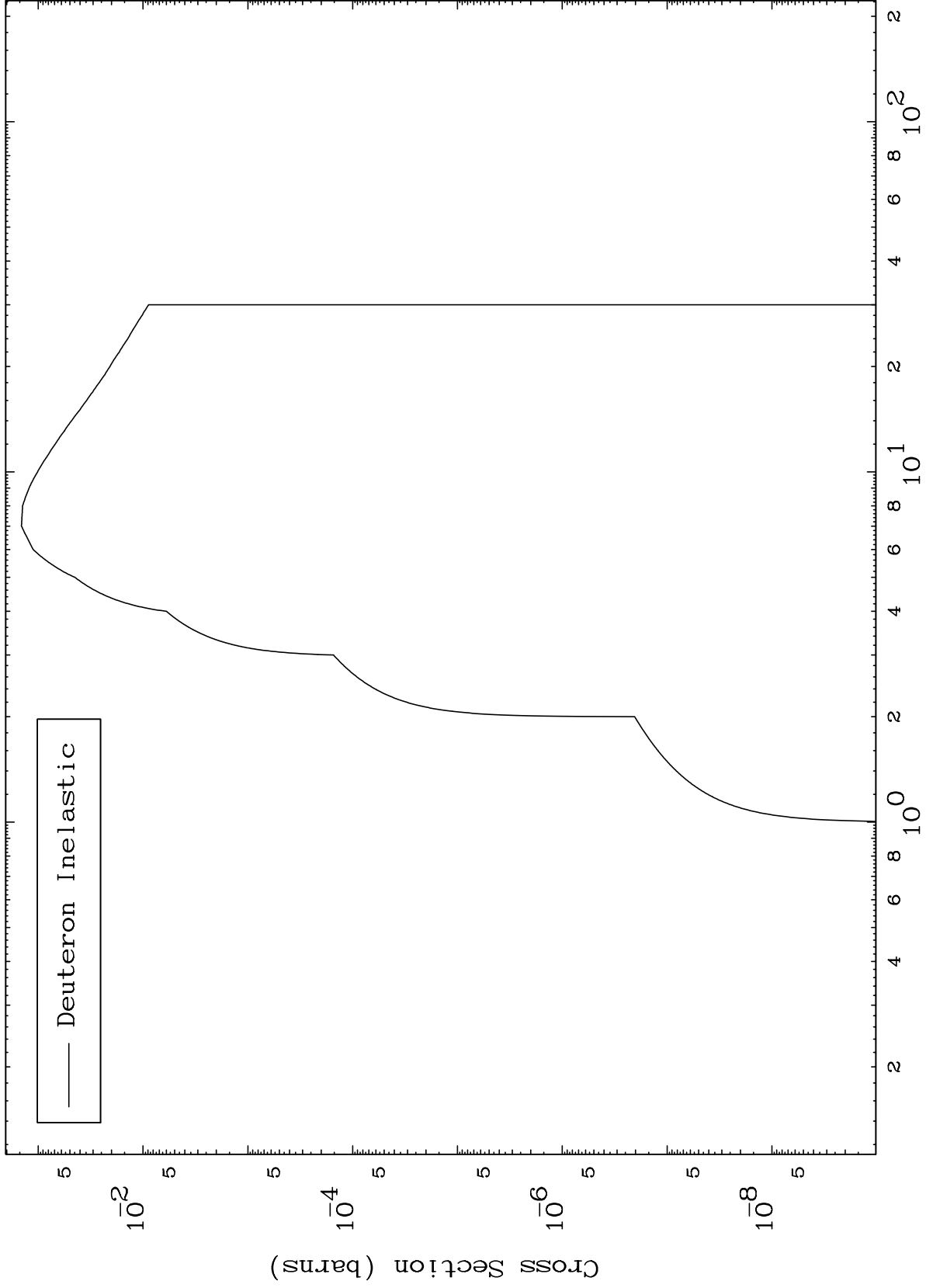


MAT 4016

(d,n') Level

40-Zr-87

0 Kelvin Cross Sections



5

Incident Energy (MeV)

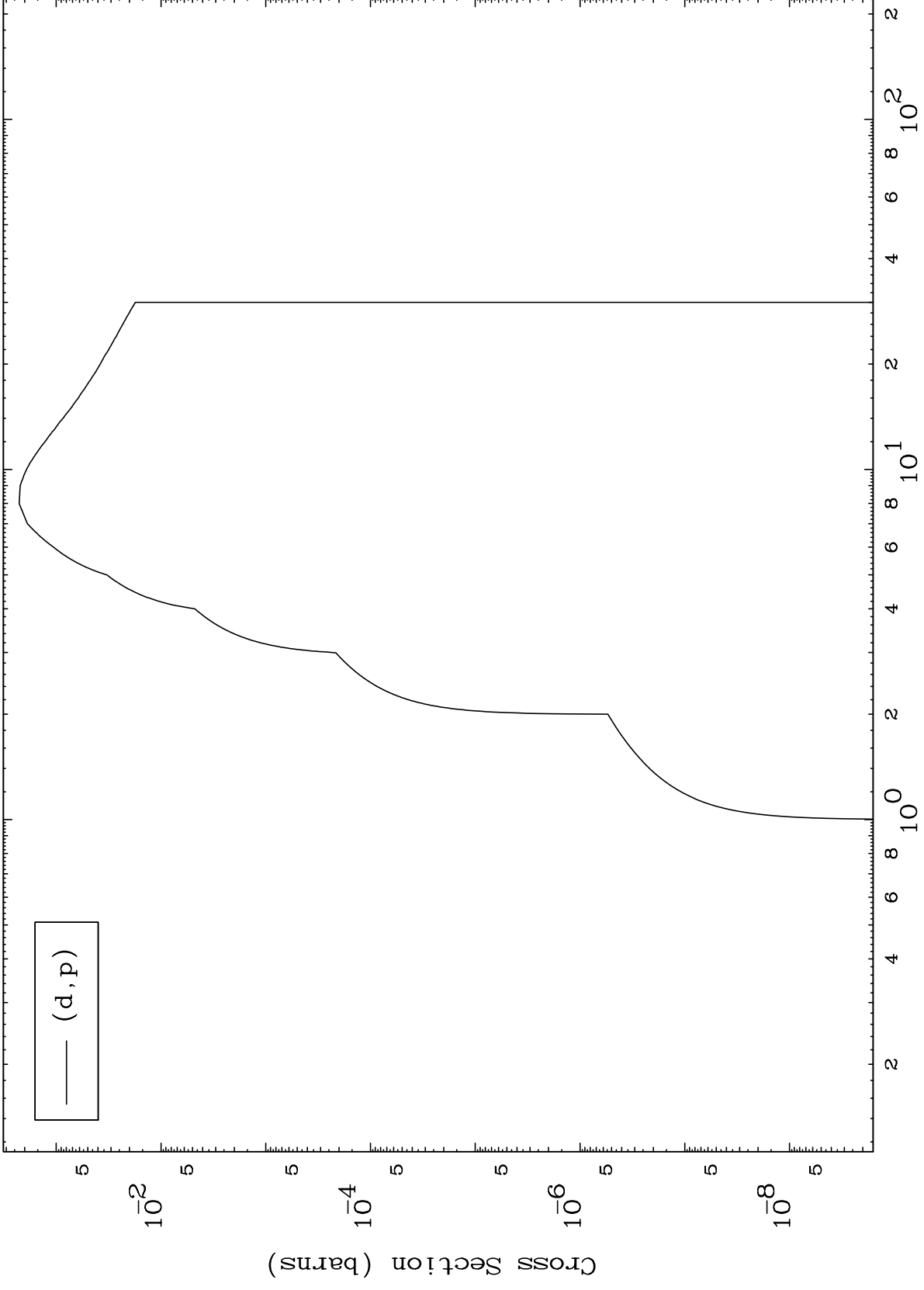
40-Zr-87

MAT 4016

(d,p) Levels

40-Zr-87

0 Kelvin Cross Sections

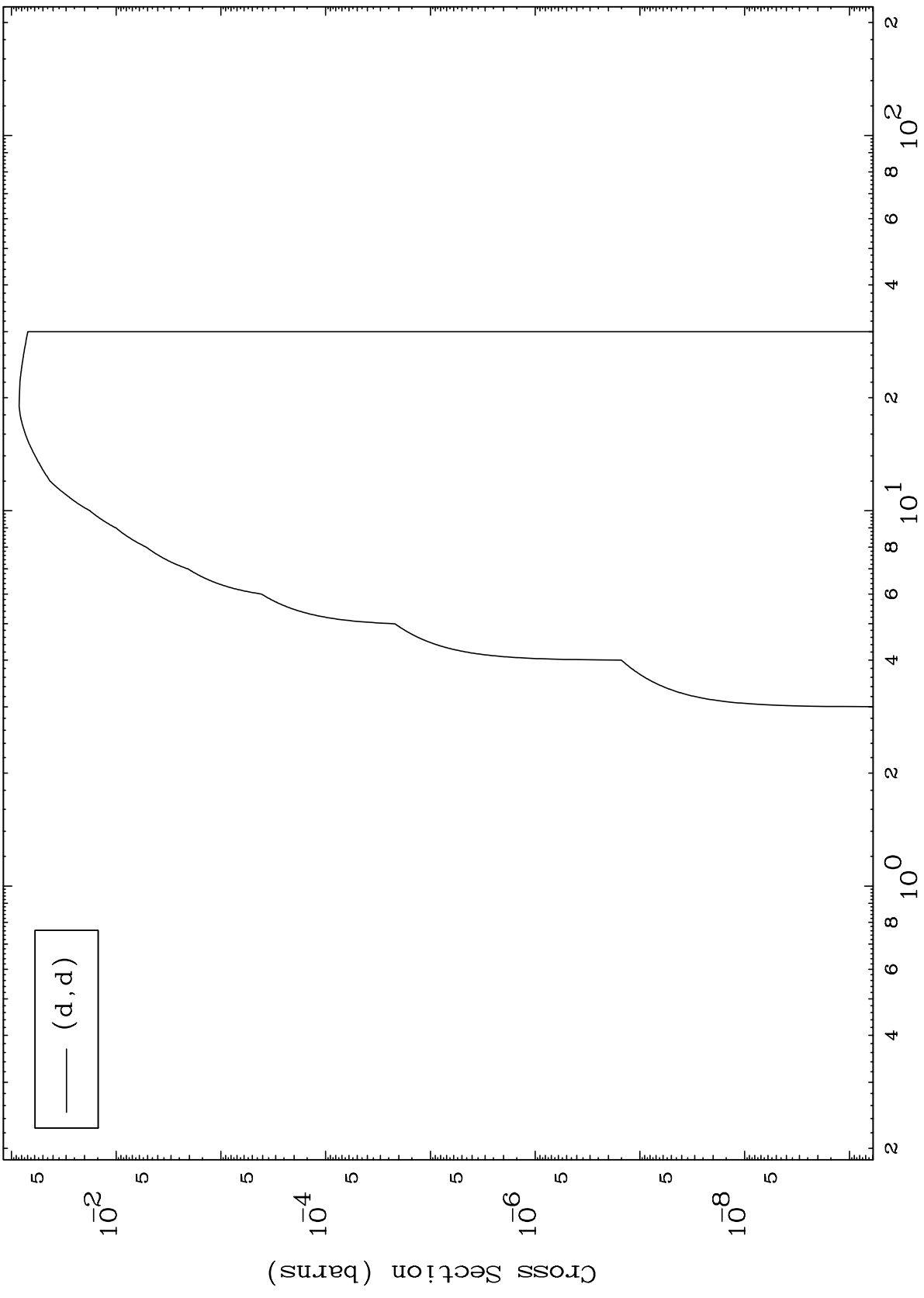


MAT 4016

(d,d) Levels

40-Zr-87

0 Kelvin Cross Sections



7

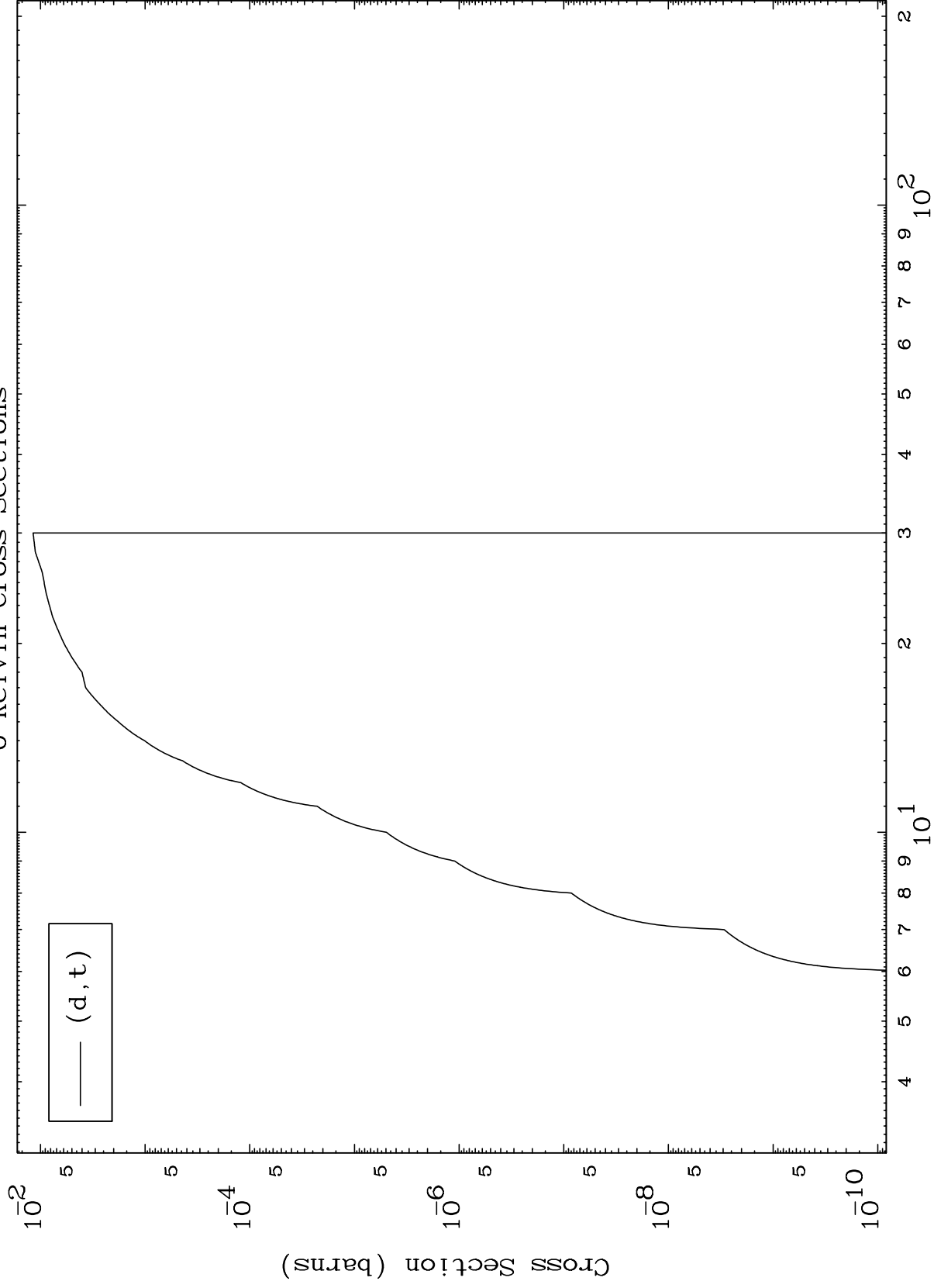
Incident Energy (MeV)

40-Zr-87

MAT 4016

(d, t) Levels
0 Kelvin Cross Sections

40-Zr-87

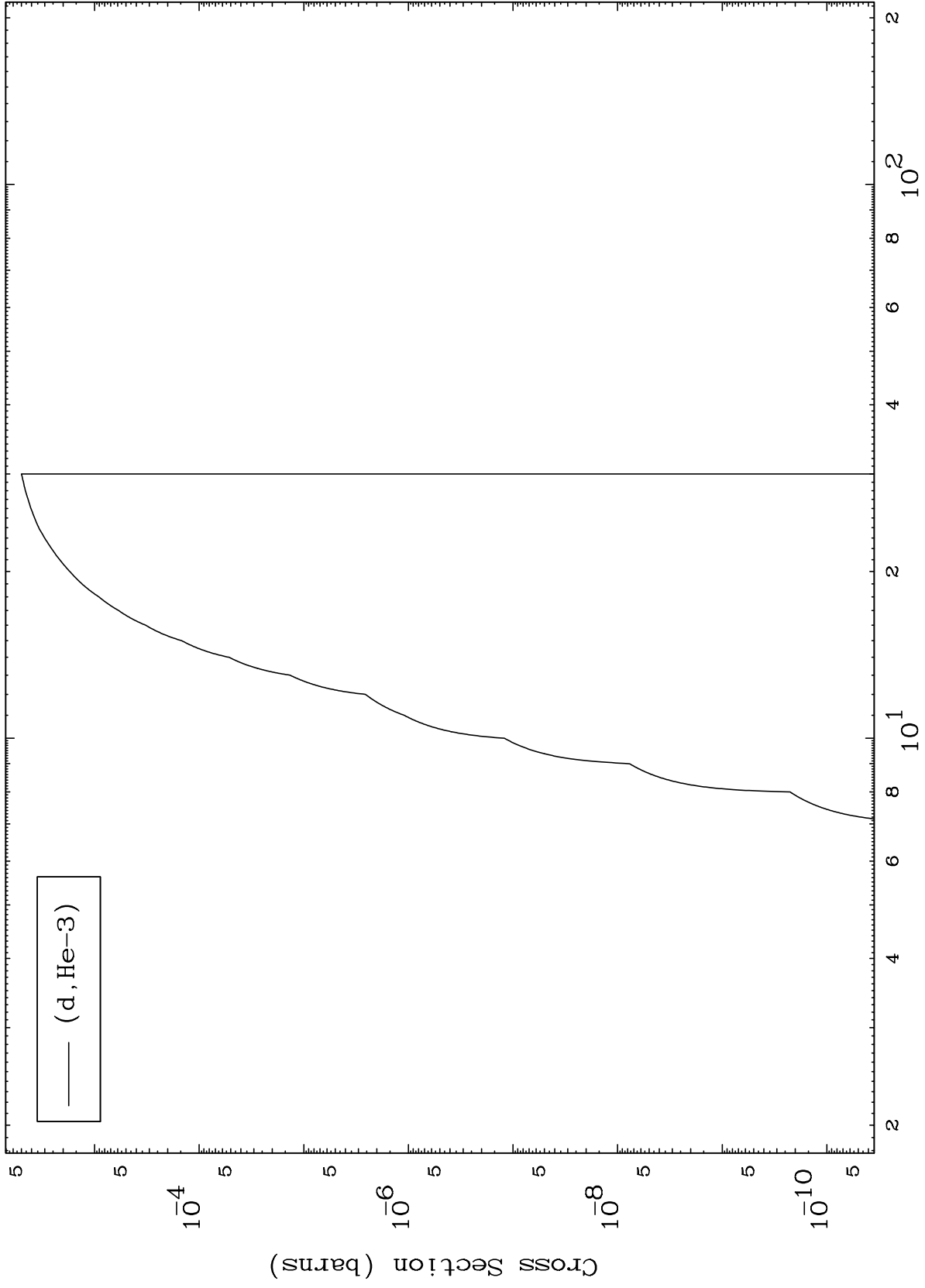


MAT 4016

(d,He3) Levels

40-Zr-87

0 Kelvin Cross Sections



9

Incident Energy (MeV)

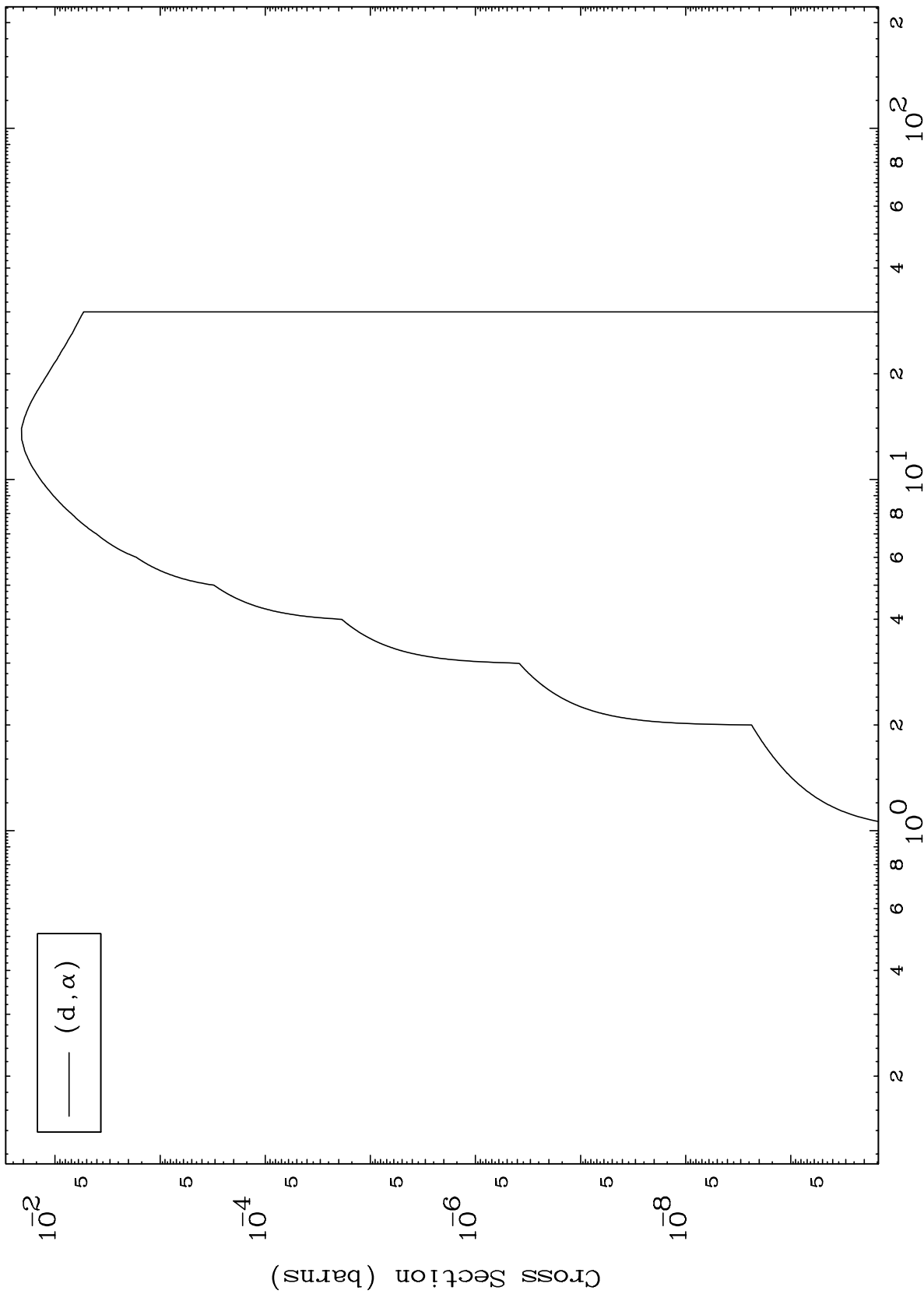
40-Zr-87

MAT 4016

(d, α) Levels

40-Zr-87

0 Kelvin Cross Sections



10

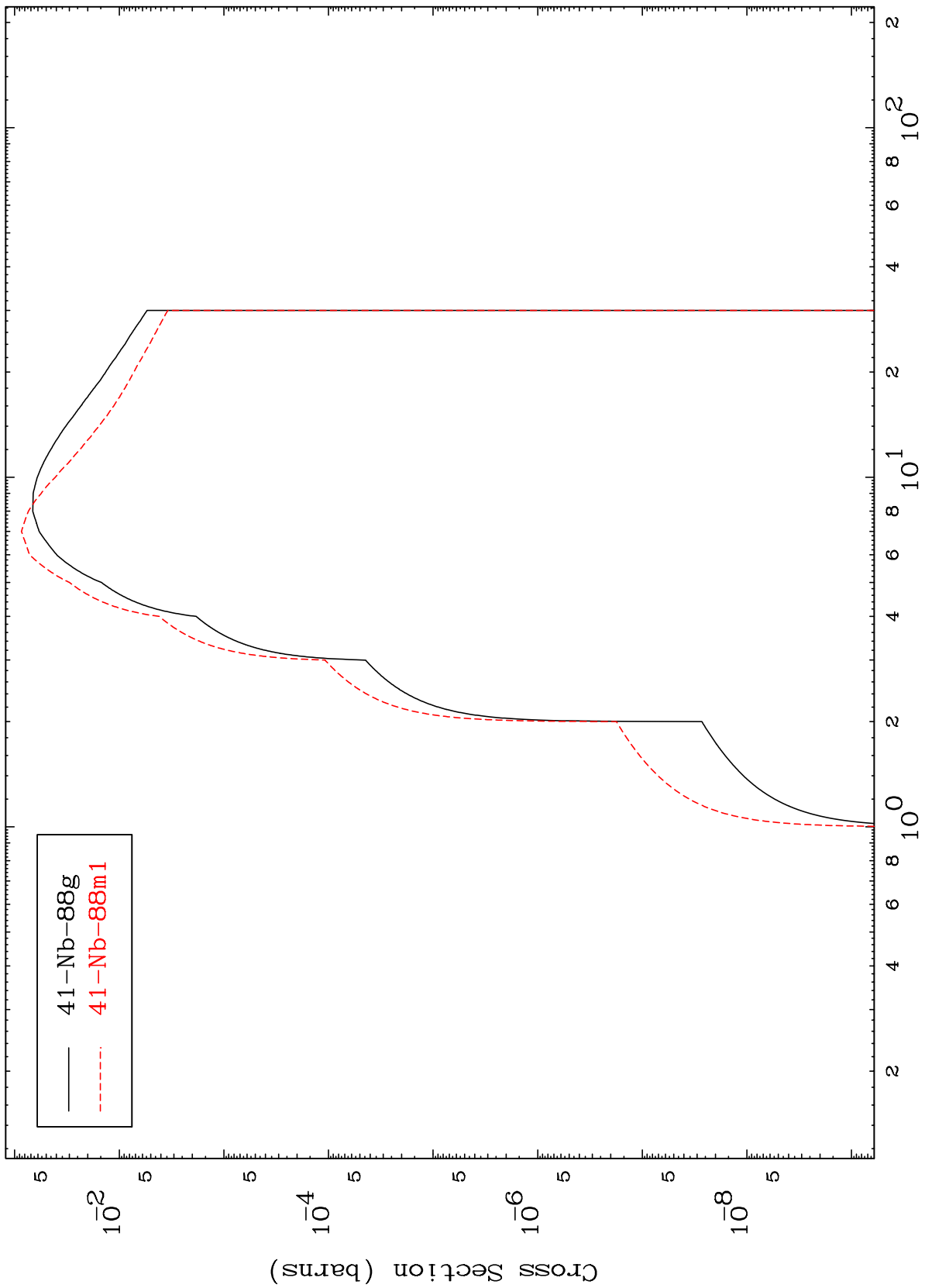
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

Deuteron Inelastic
Radionuclide Production Cross Section



— 41-Nb-88g
- - - 41-Nb-88m1

40-Zr-87

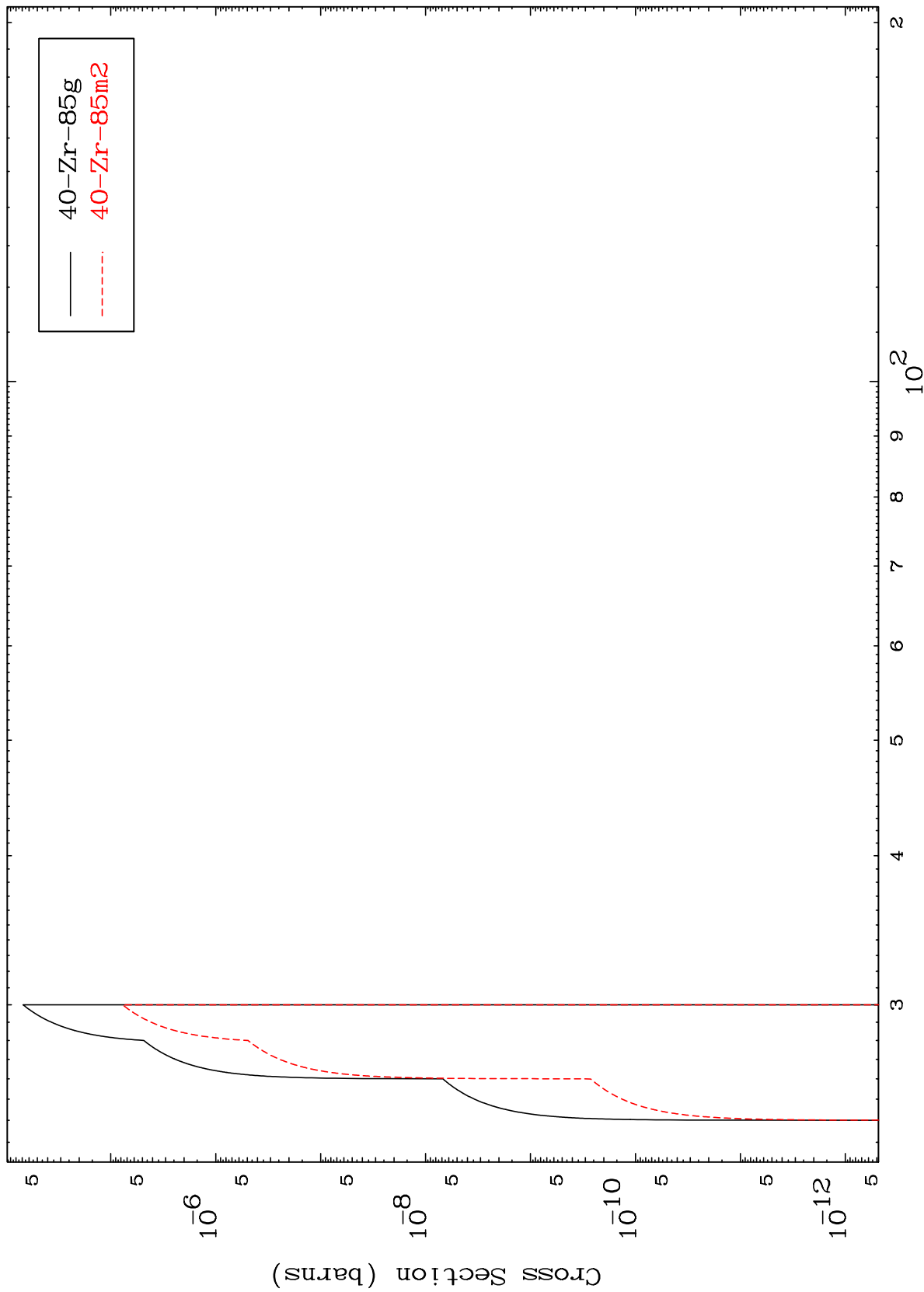
Incident Energy (MeV)

MAT 4016

(d,2n) d

40-Zr-87

Radionuclide Production Cross Section



12

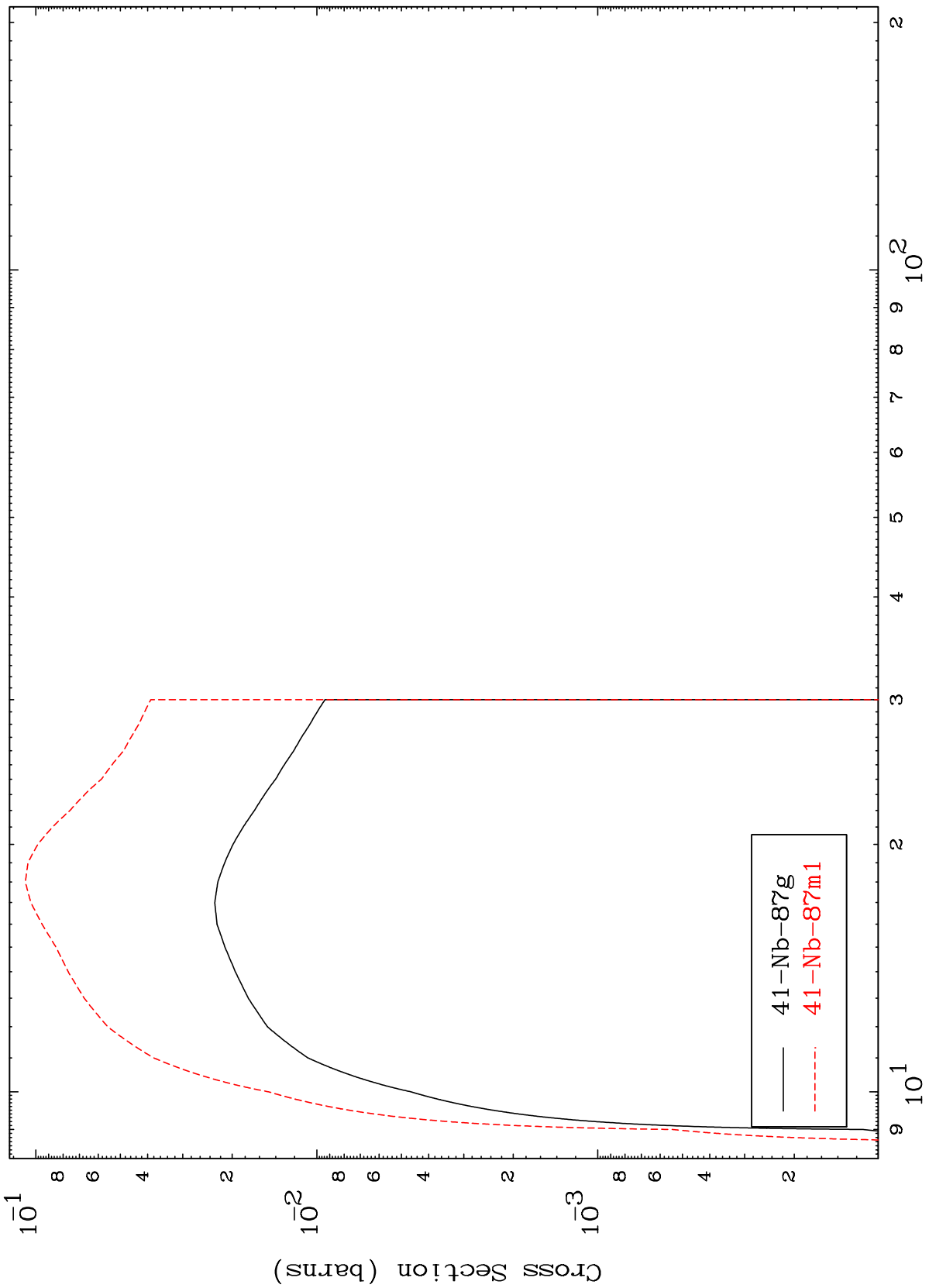
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

(d,2n)
Radionuclide Production Cross Section



— 41-Nb-87g
- - - 41-Nb-87m1

Incident Energy (MeV)

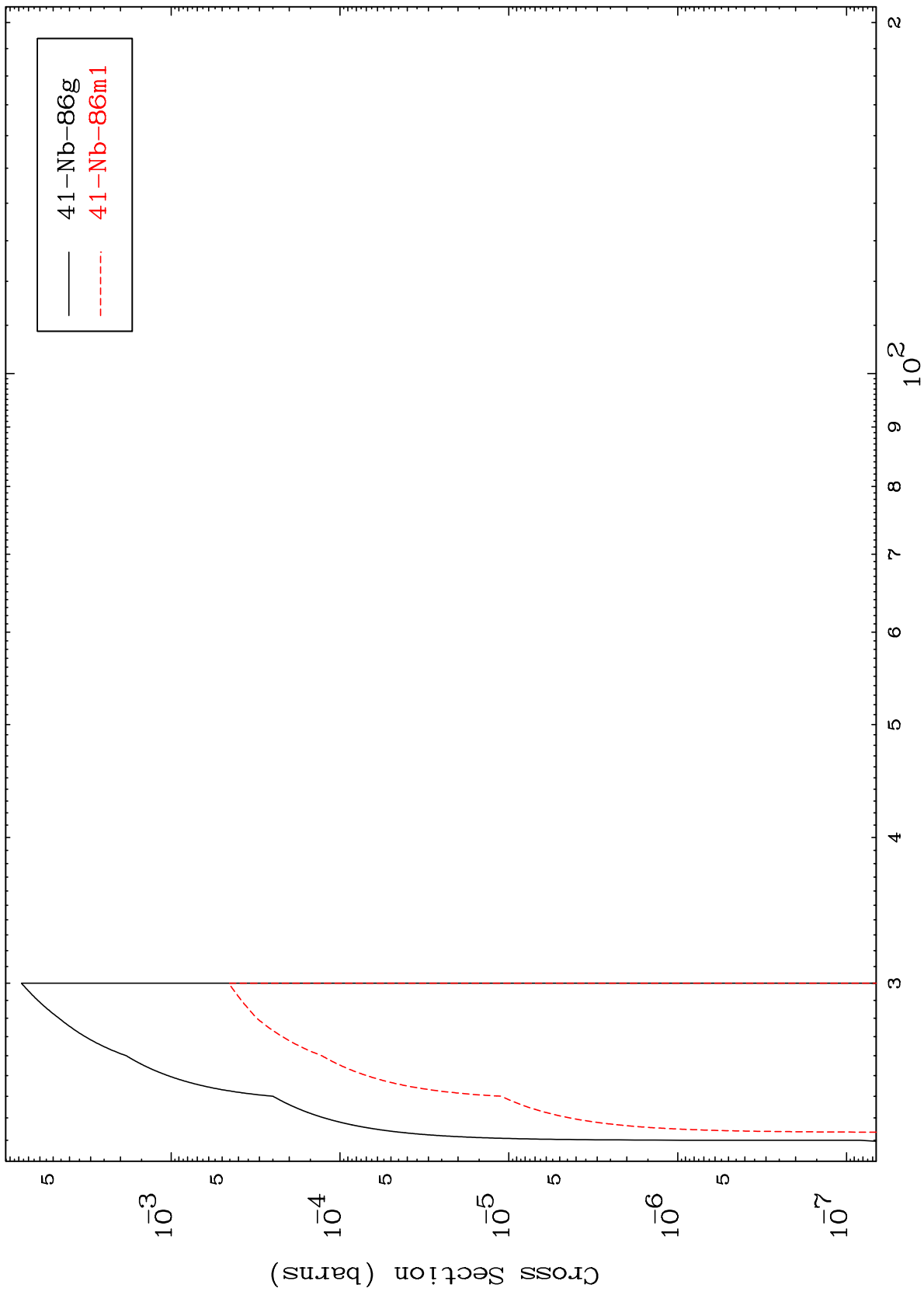
40-Zr-87

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MAT 4016

40-Zr-87

(d,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

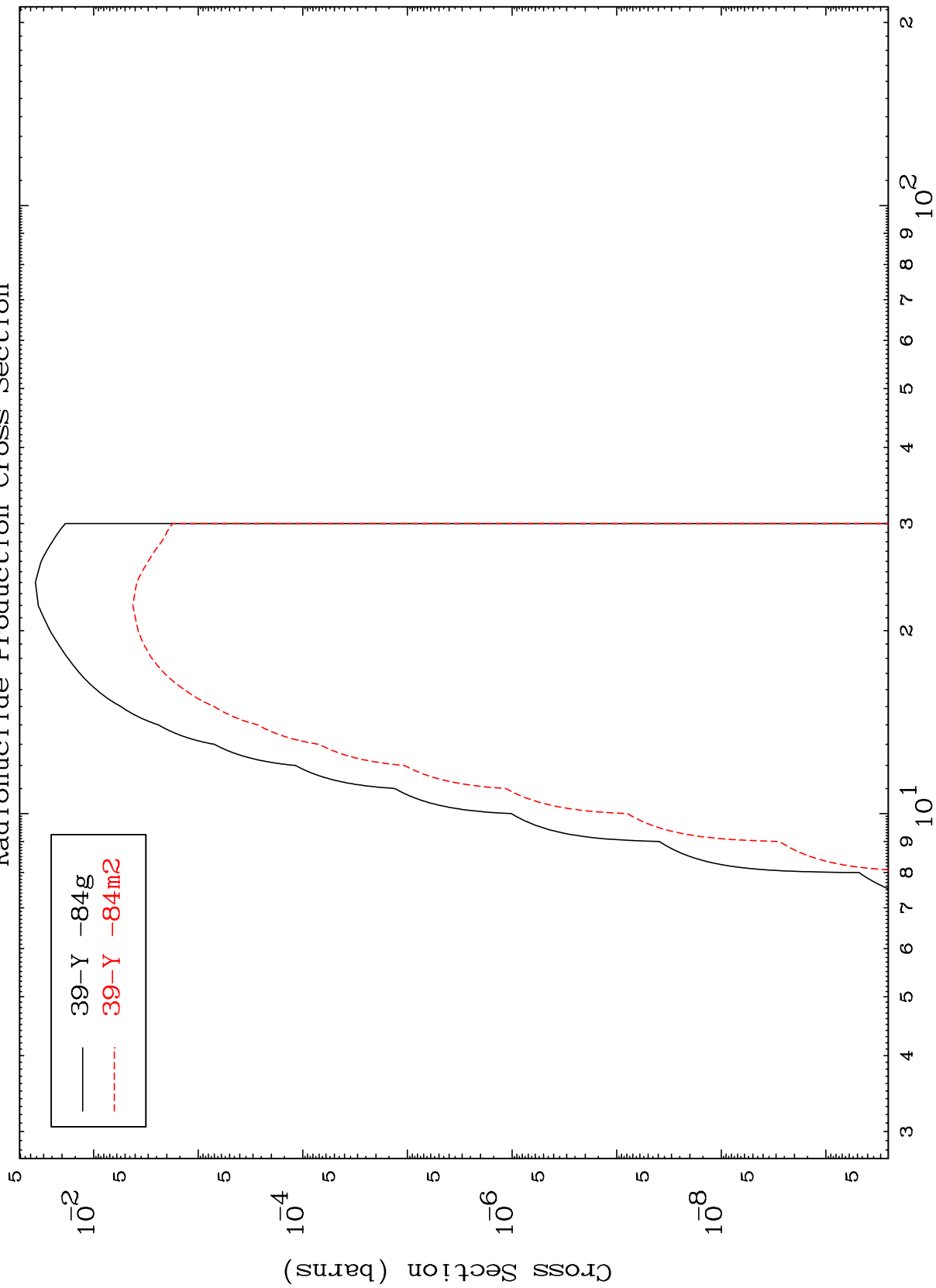
40-Zr-87

MAT 4016

(d,n') α

40-Zr-87

Radionuclide Production Cross Section

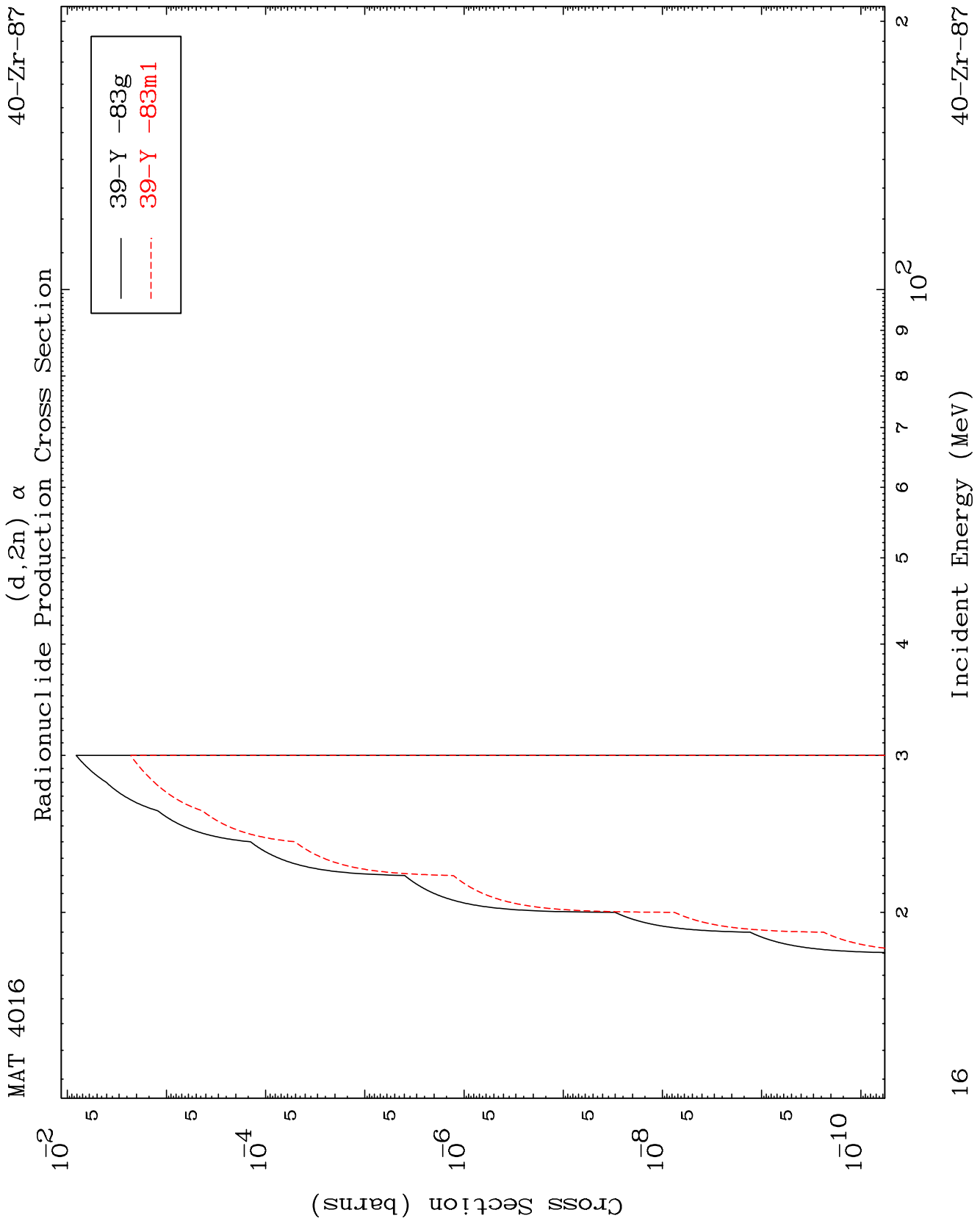


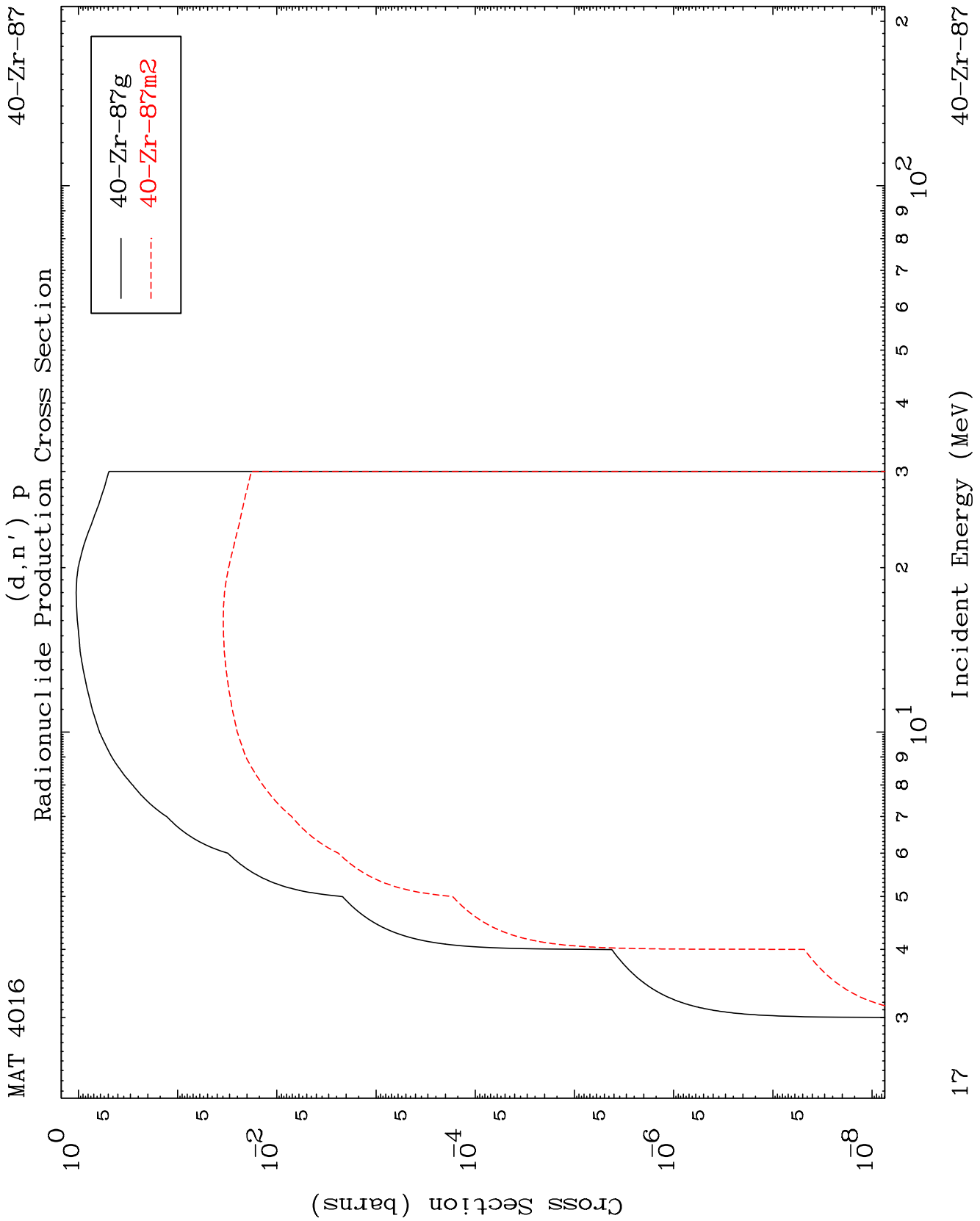
— 39-Y -84g
- - - 39-Y -84m2

15

Incident Energy (MeV)

40-Zr-87



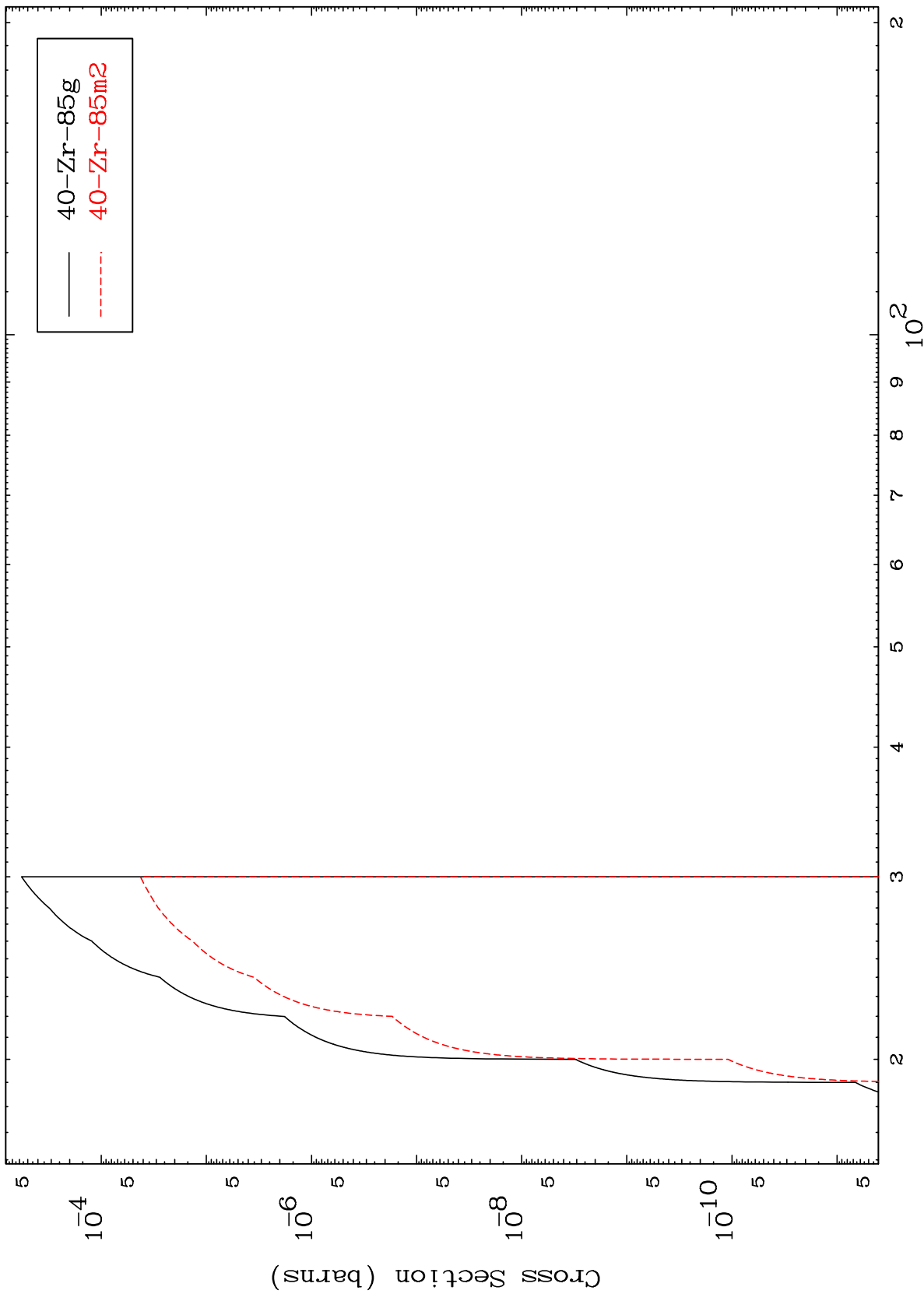


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(d,n') t

40-Zr-87

Radionuclide Production Cross Section



18

Incident Energy (MeV)

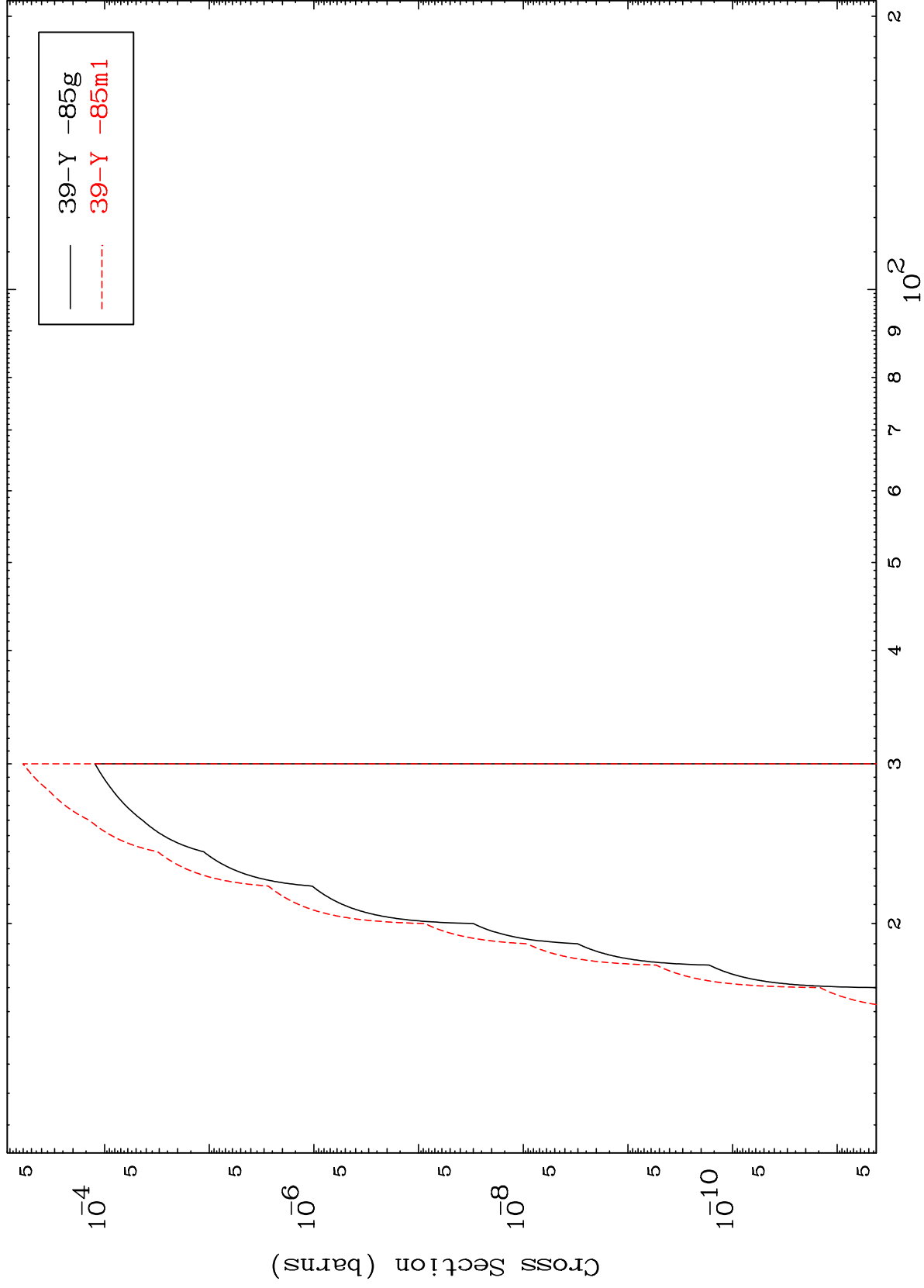
40-Zr-87

MAT 4016

(d,n') He-3

40-Zr-87

Radionuclide Production Cross Section



19

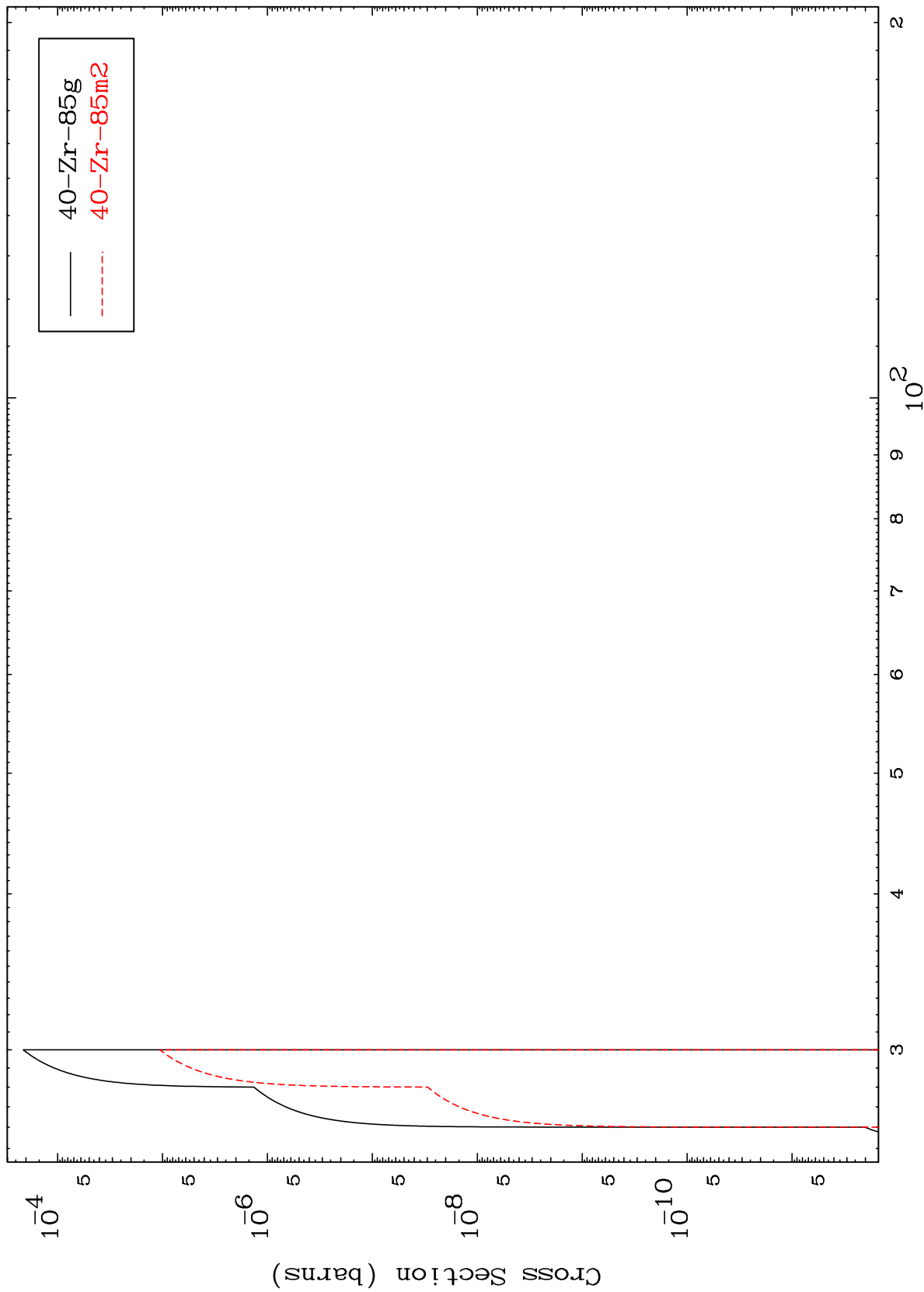
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

(d,3n) p
Radionuclide Production Cross Section



40-Zr-85g
40-Zr-85m2

40-Zr-87

Incident Energy (MeV)

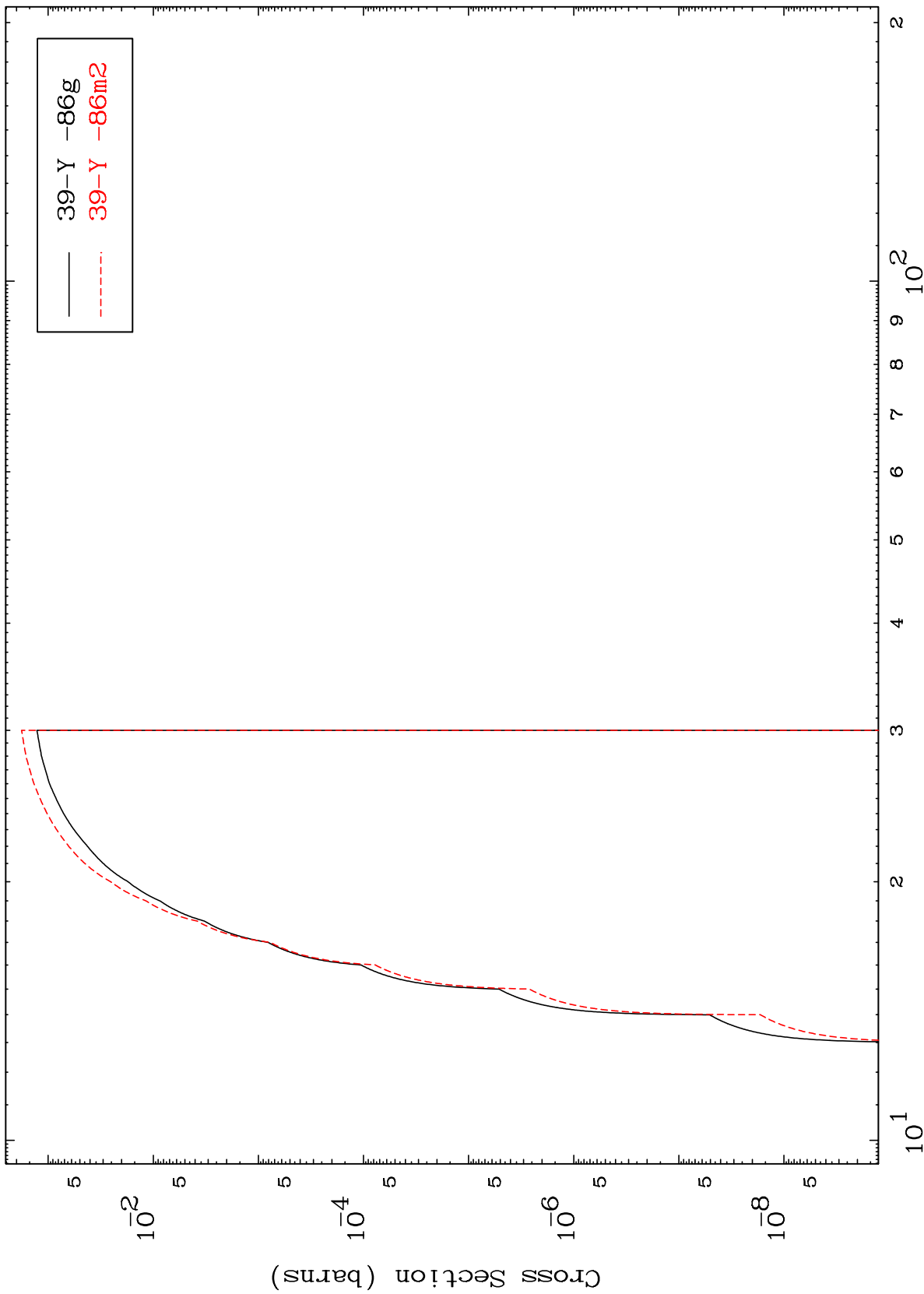
20

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(d,2n) p

40-Zr-87

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-87

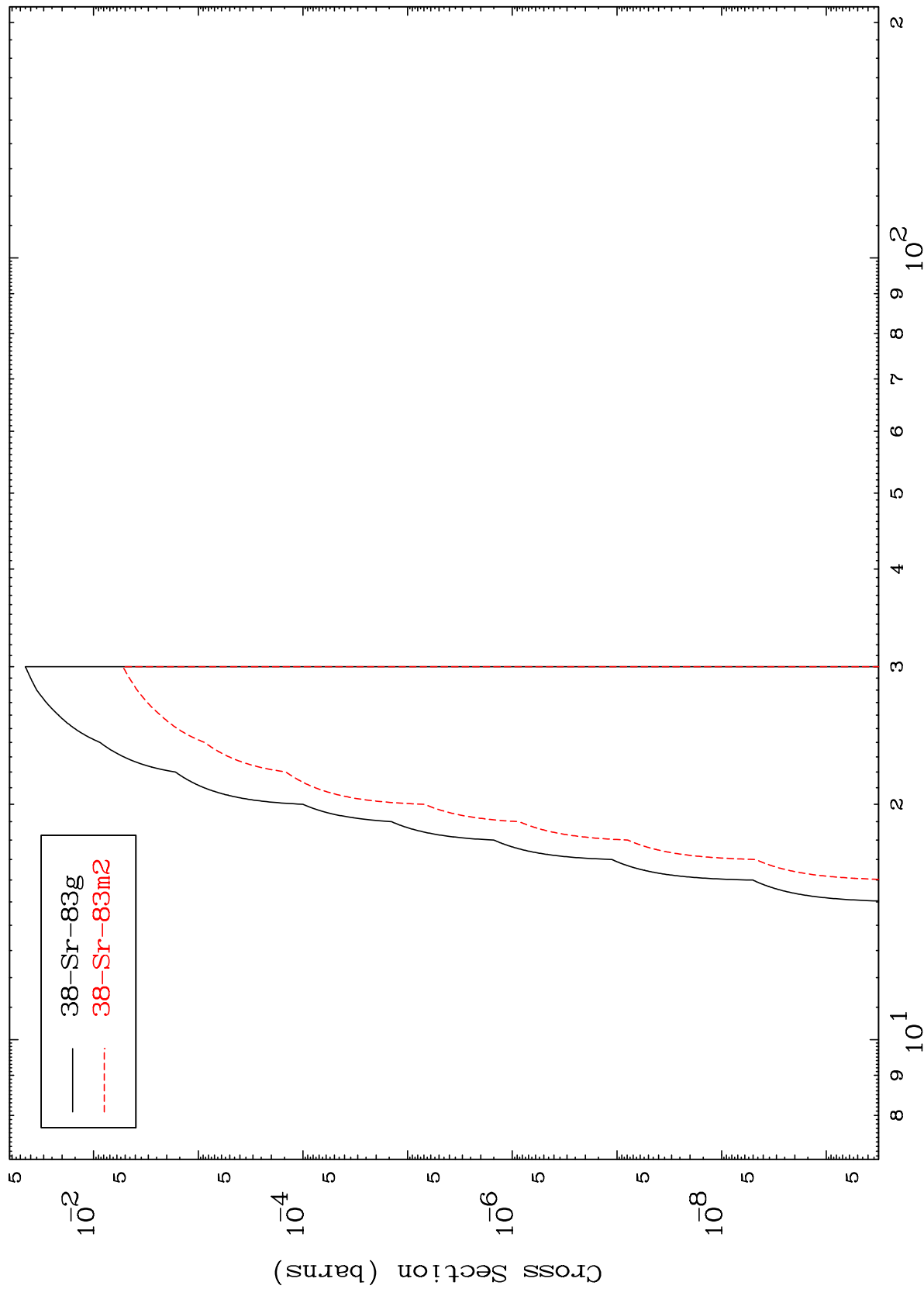
21

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(d,n') p α

40-Zr-87

Radionuclide Production Cross Section



Incident Energy (MeV)

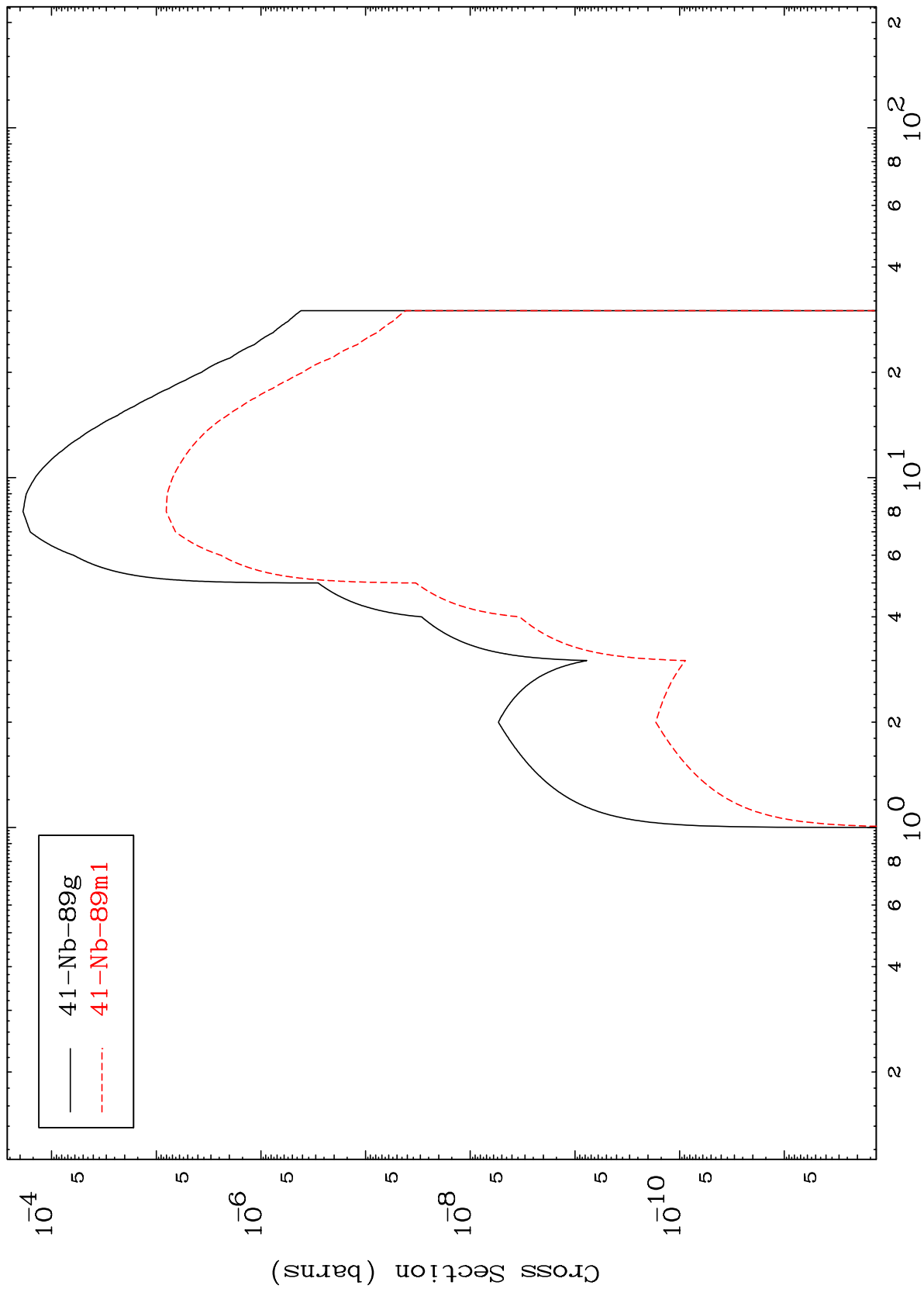
40-Zr-87

22

MAT 4016

40-Zr-87

(d, γ)
Radionuclide Production Cross Section



40-Zr-87

Incident Energy (MeV)

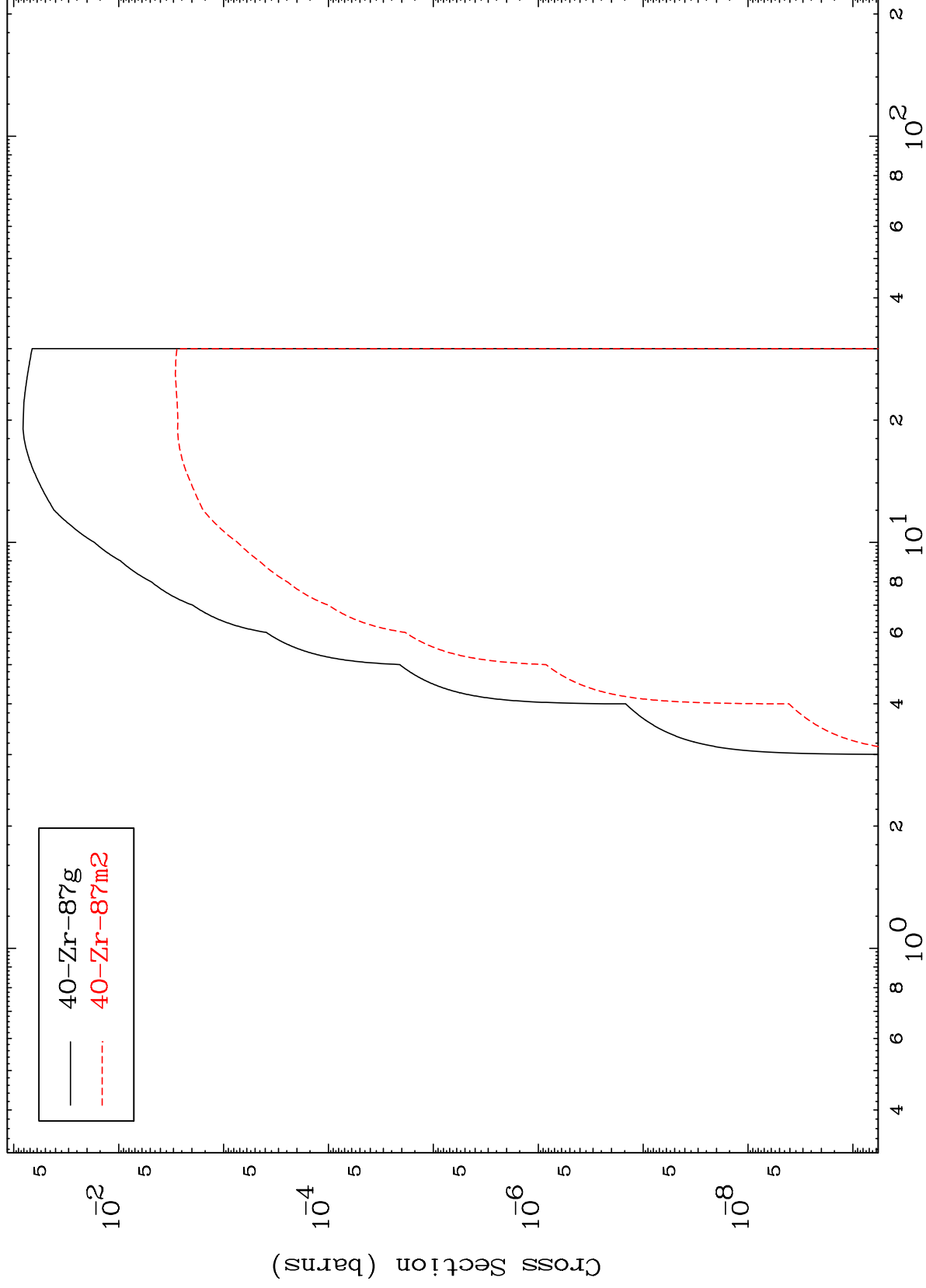
23

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(d,d)

40-Zr-87

Radionuclide Production Cross Section



24

Incident Energy (MeV)

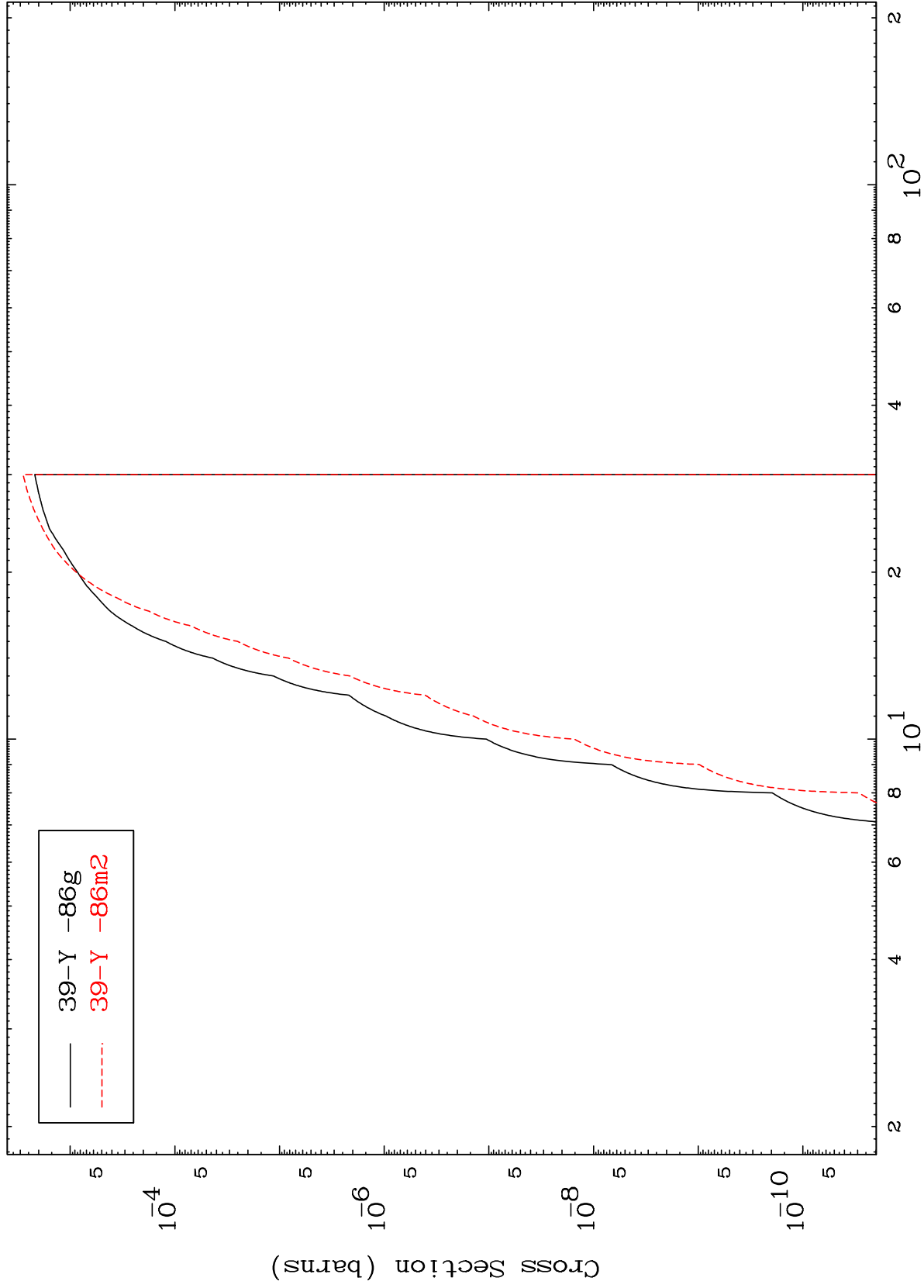
40-Zr-87

MAT 4016

(d,He-3)

40-Zr-87

Radionuclide Production Cross Section



25

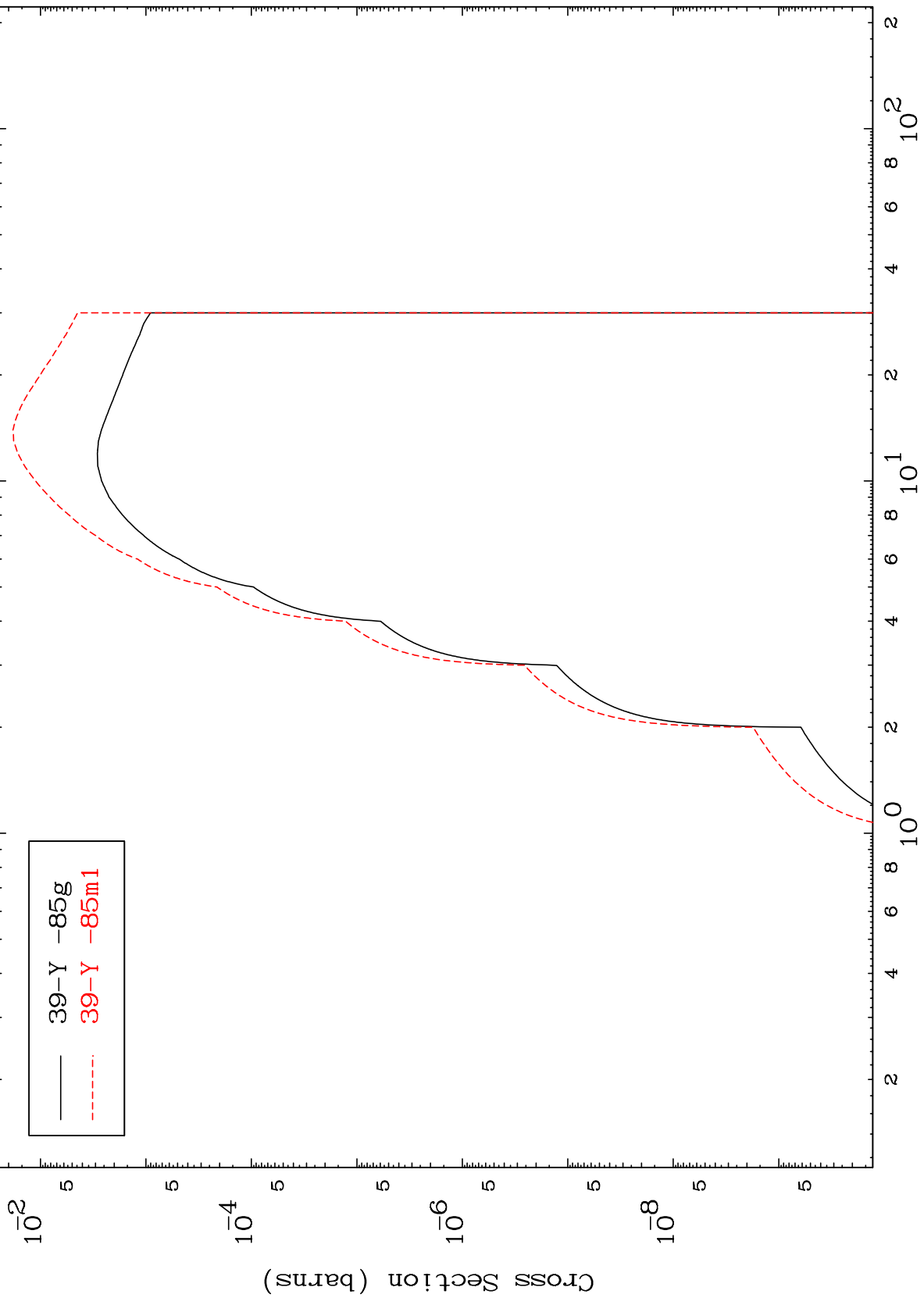
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

Radionuclide Production Cross Section
(d, α)



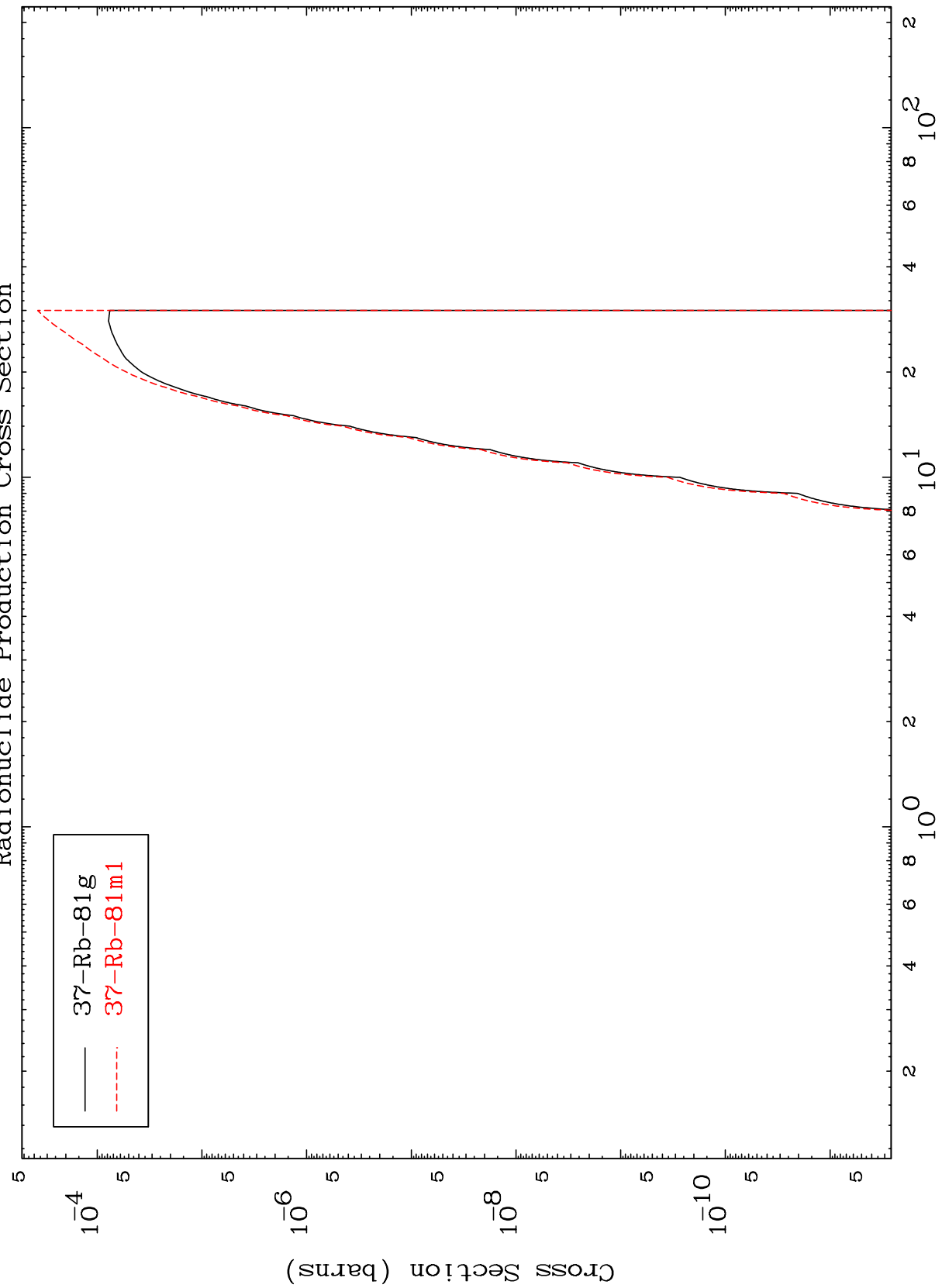
40-Zr-87

Incident Energy (MeV)

MAT 4016

40-Zr-87

Radionuclide Production Cross Section
(d,2 α)



— 37-Rb-81g
- - - 37-Rb-81m1

40-Zr-87

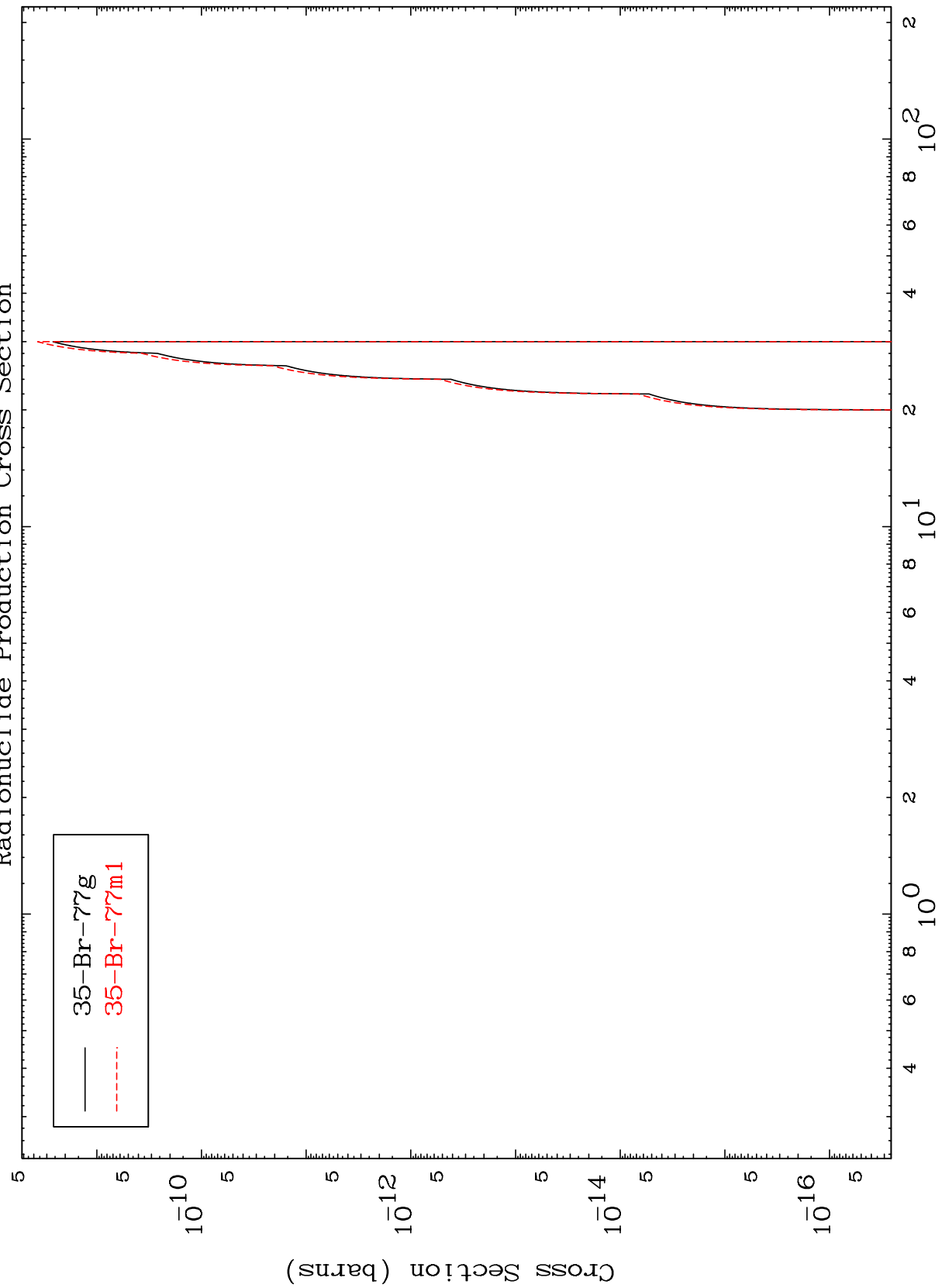
Incident Energy (MeV)

27

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40-Zr-87

(d,3 α)
Radionuclide Production Cross Section



35-Br-77g
35-Br-77m1

Incident Energy (MeV)

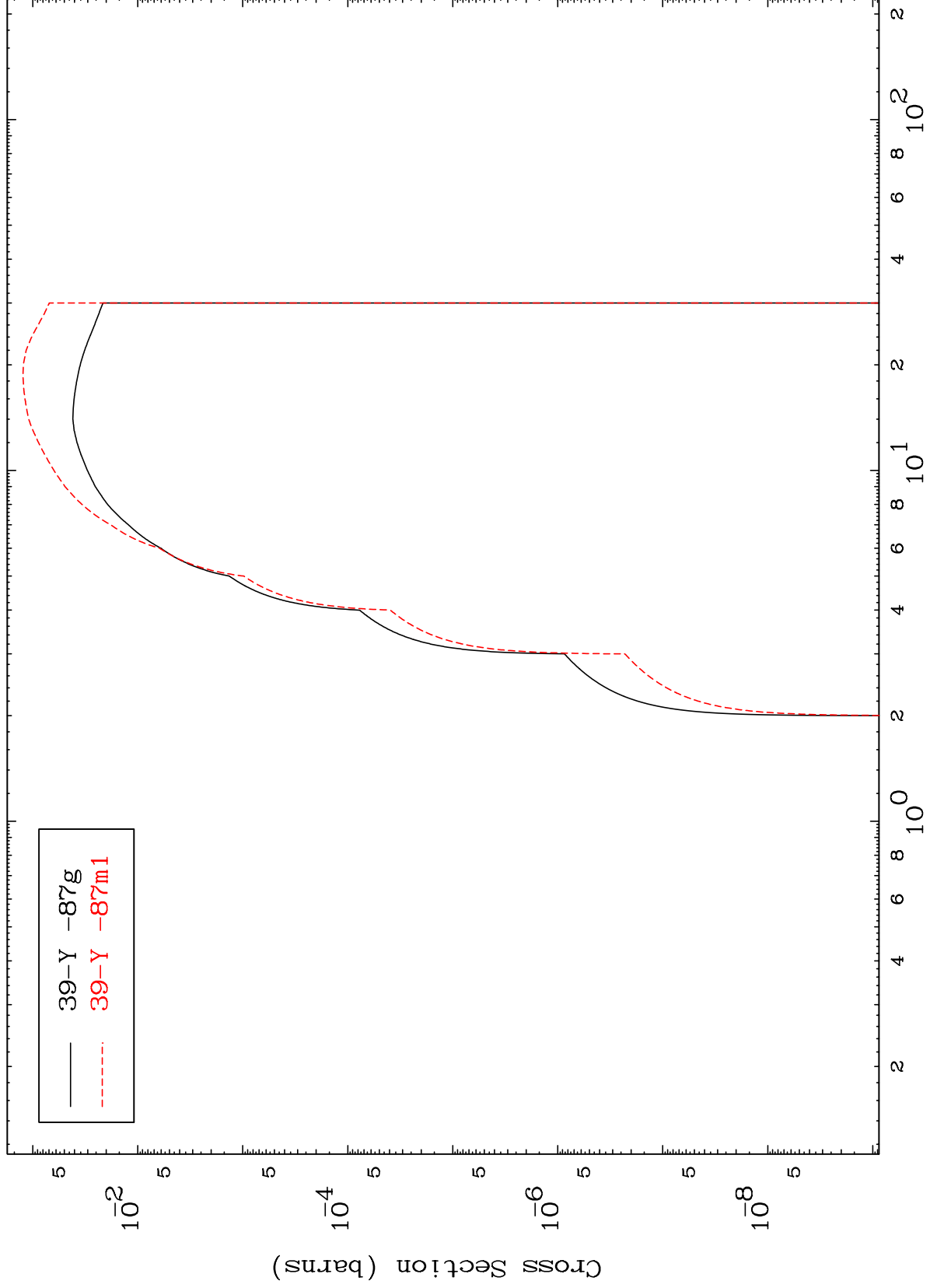
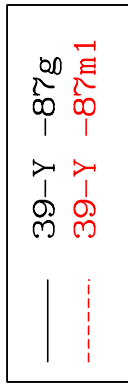
40-Zr-87

MAT 4016

(d,2p)

40-Zr-87

Radionuclide Production Cross Section

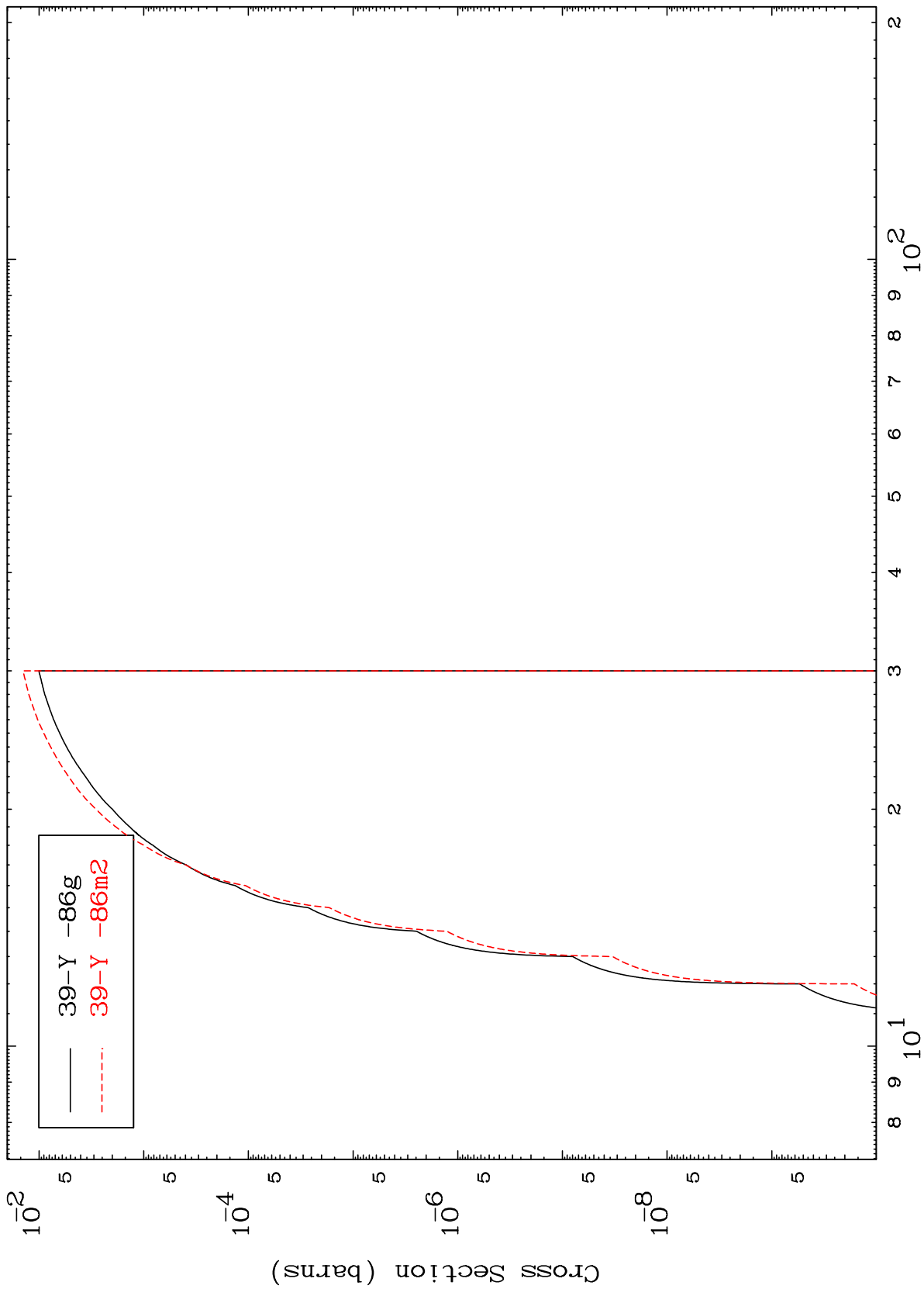


MAT 4016

(d,p) d

40-Zr-87

Radionuclide Production Cross Section



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

Incident Energy (MeV)

40-Zr-87

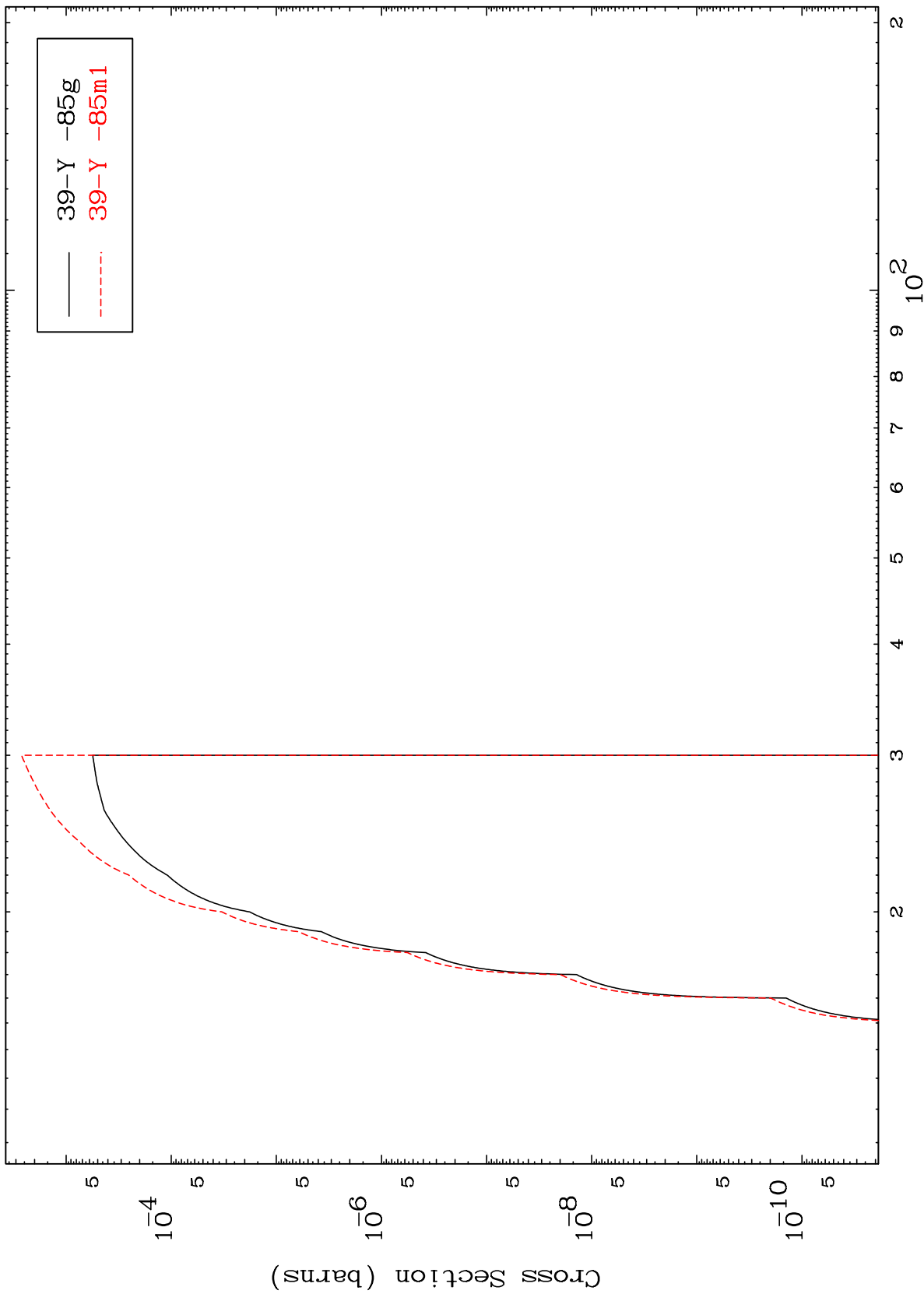
30

MAT 4016

(d,p) t

40-Zr-87

Radionuclide Production Cross Section



31

Incident Energy (MeV)

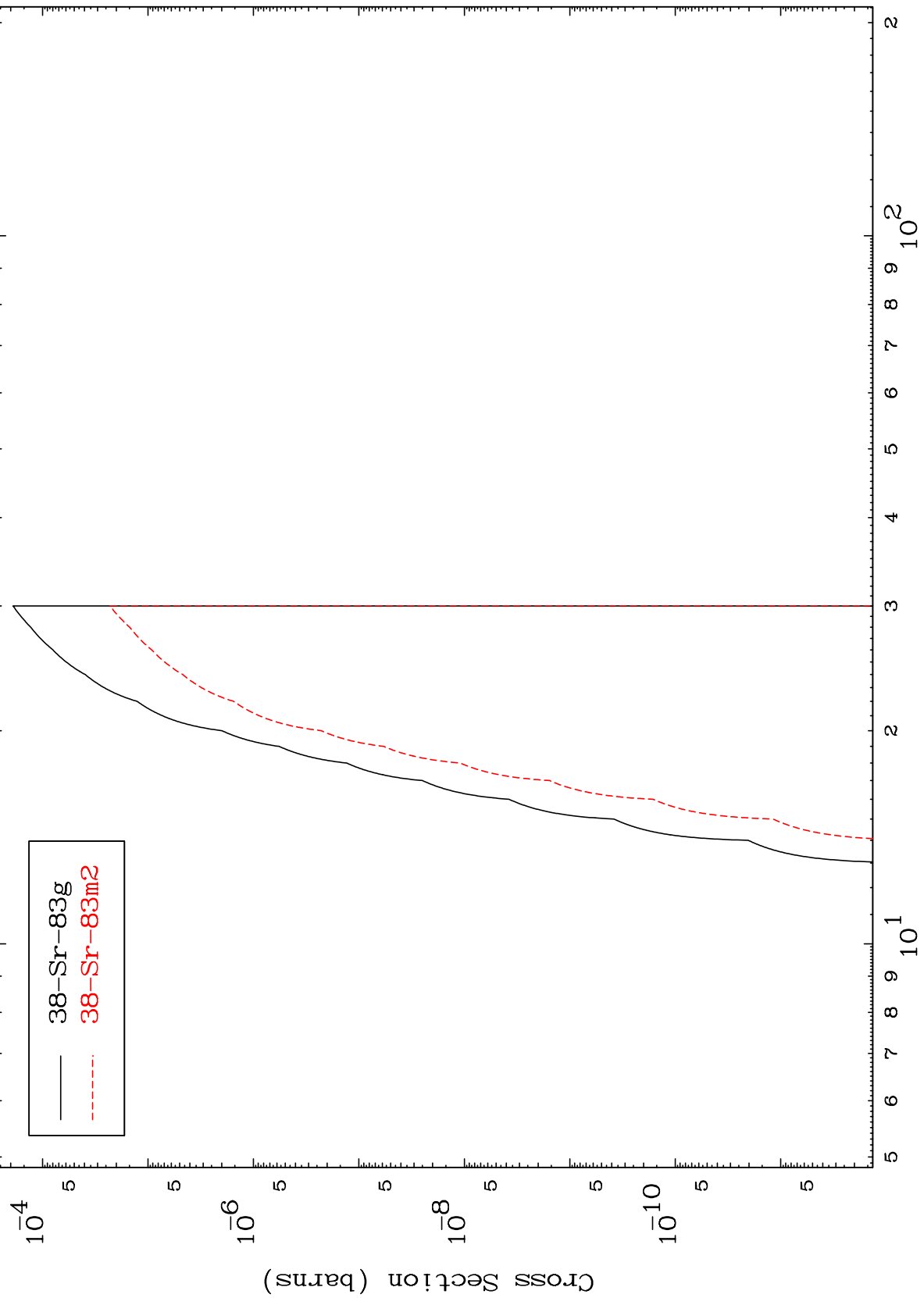
40-Zr-87

MAT 4016

(d,d) α

40-Zr-87

Radionuclide Production Cross Section



32

Incident Energy (MeV)

40-Zr-87