

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

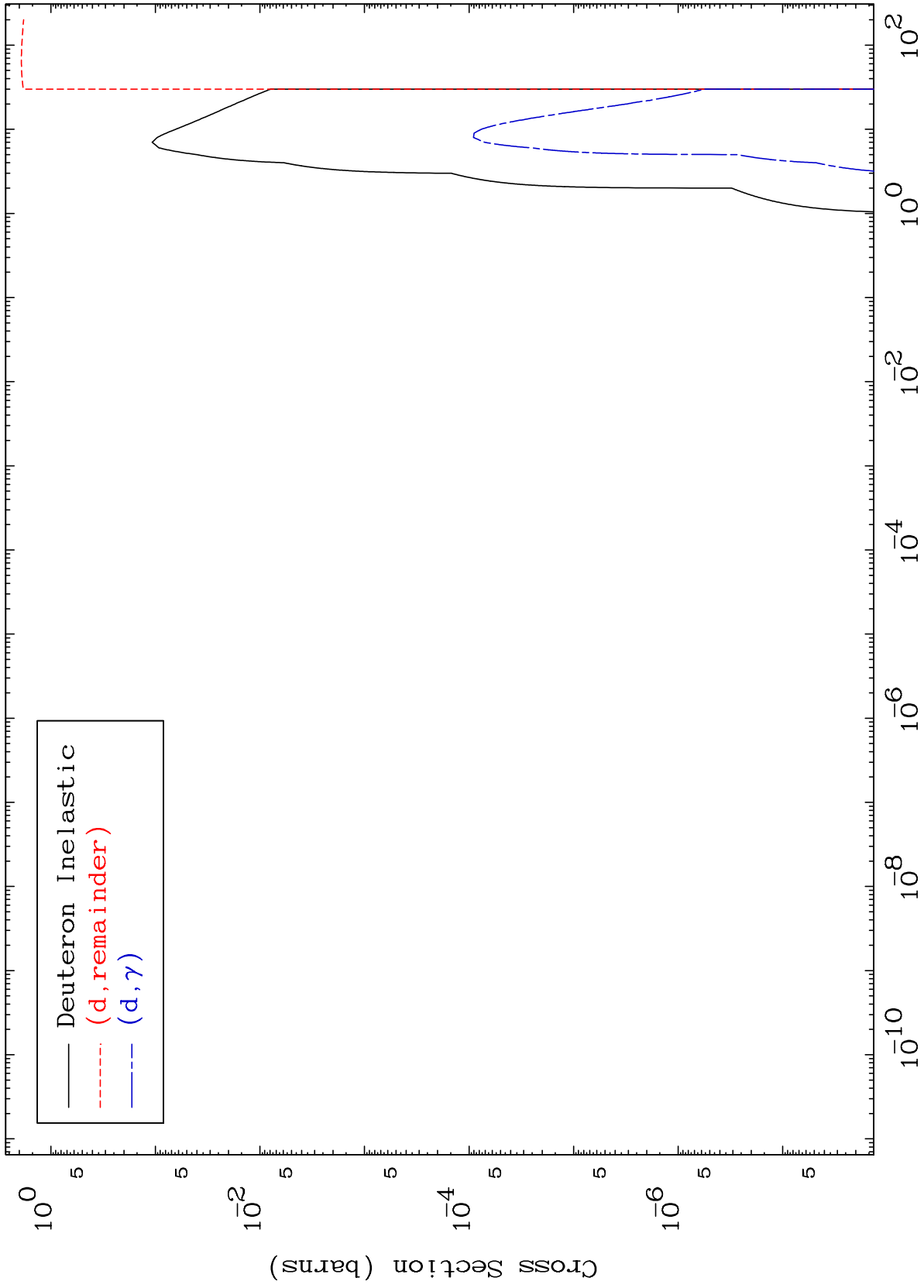
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4017

Deuteron Major  
0 Kelvin Cross Sections

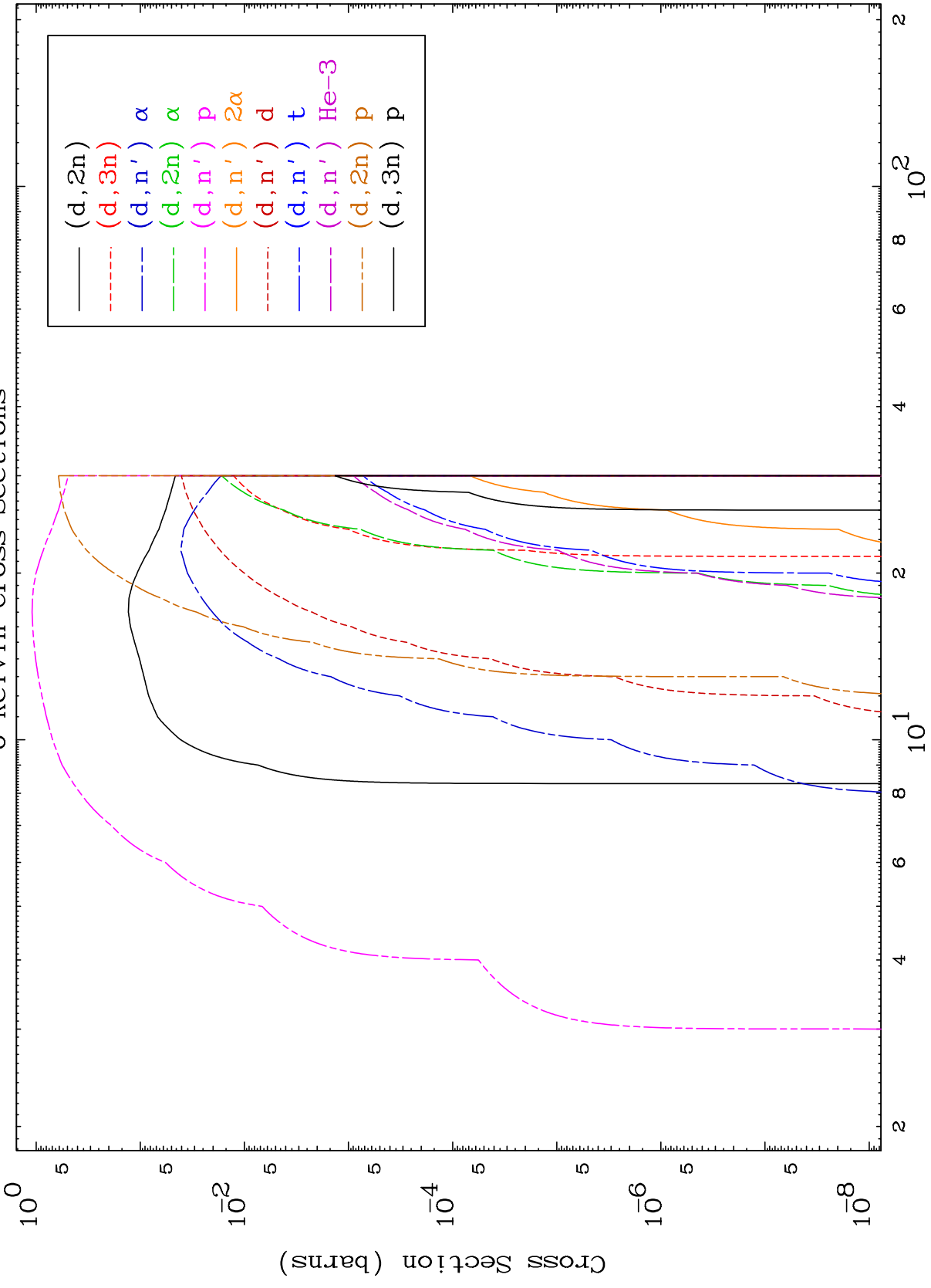
40-Zr-87



MAT 4017

Deuteron Neutron Production  
0 Kelvin Cross Sections

40-Zr-87



40-Zr-87

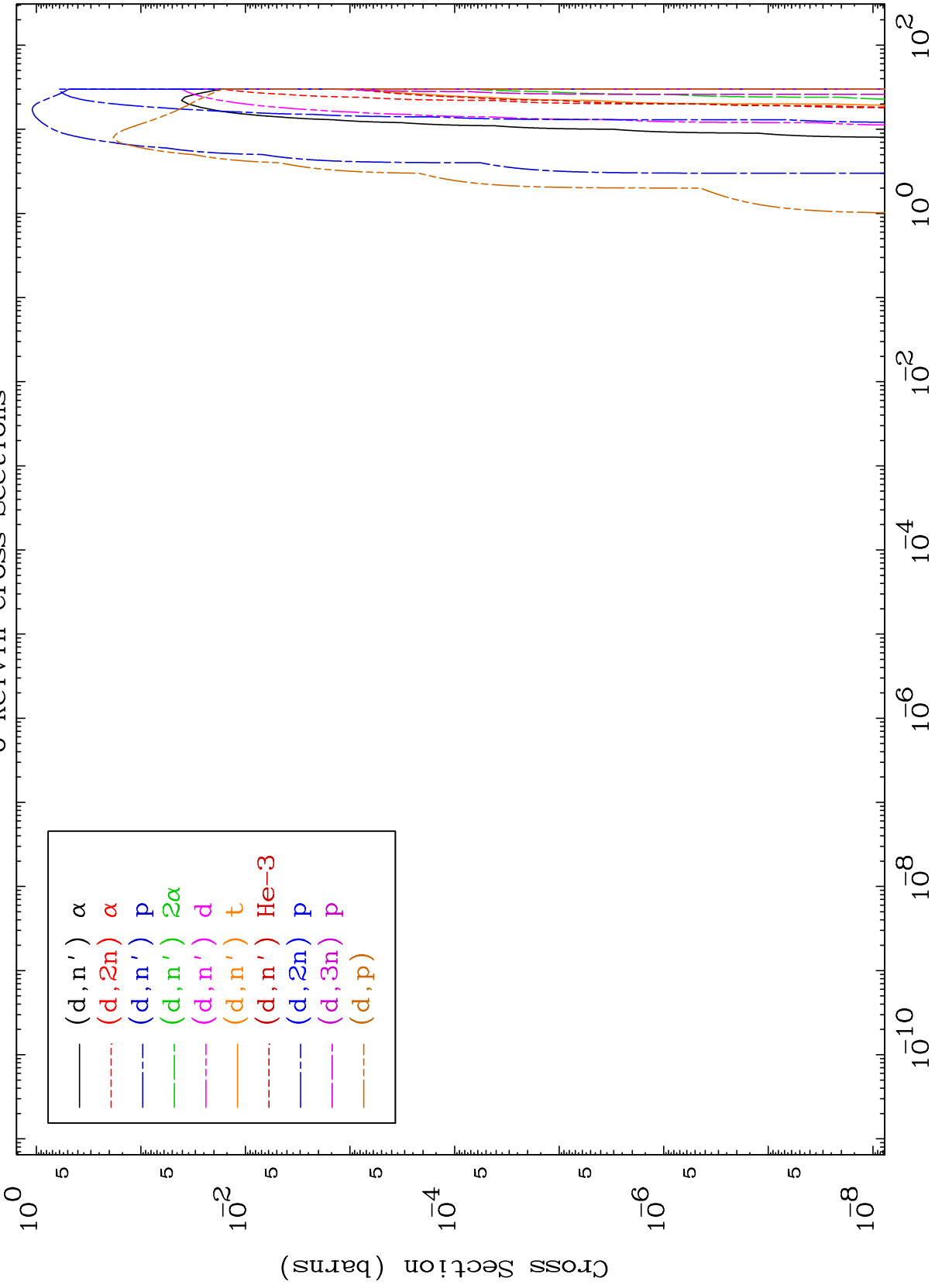
Incident Energy (MeV)

2

MAT 4017

Deuteron Charged Particle  
0 Kelvin Cross Sections

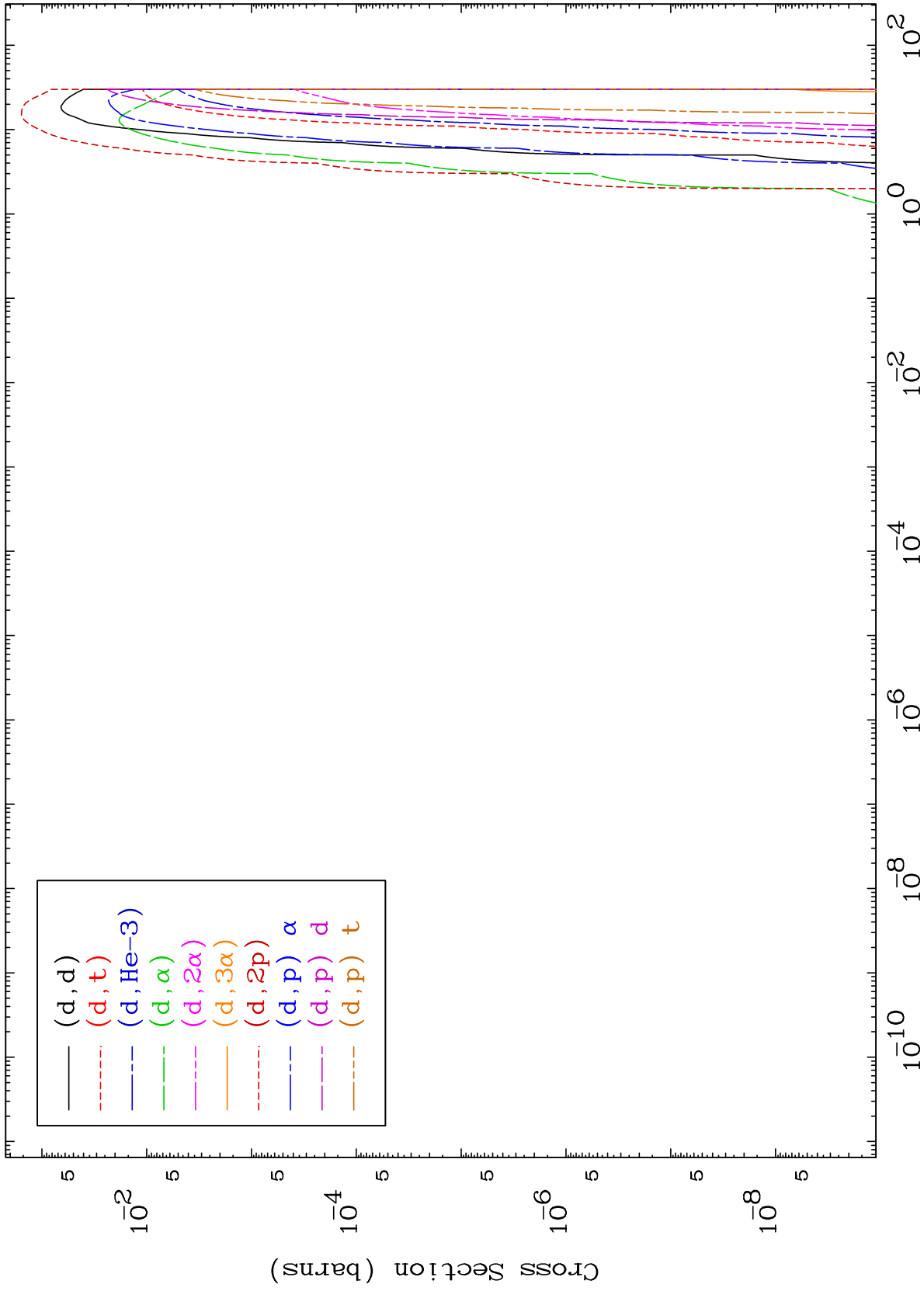
40-Zr-87



MAT 4017

Deuteron Charged Particle  
0 Kelvin Cross Sections

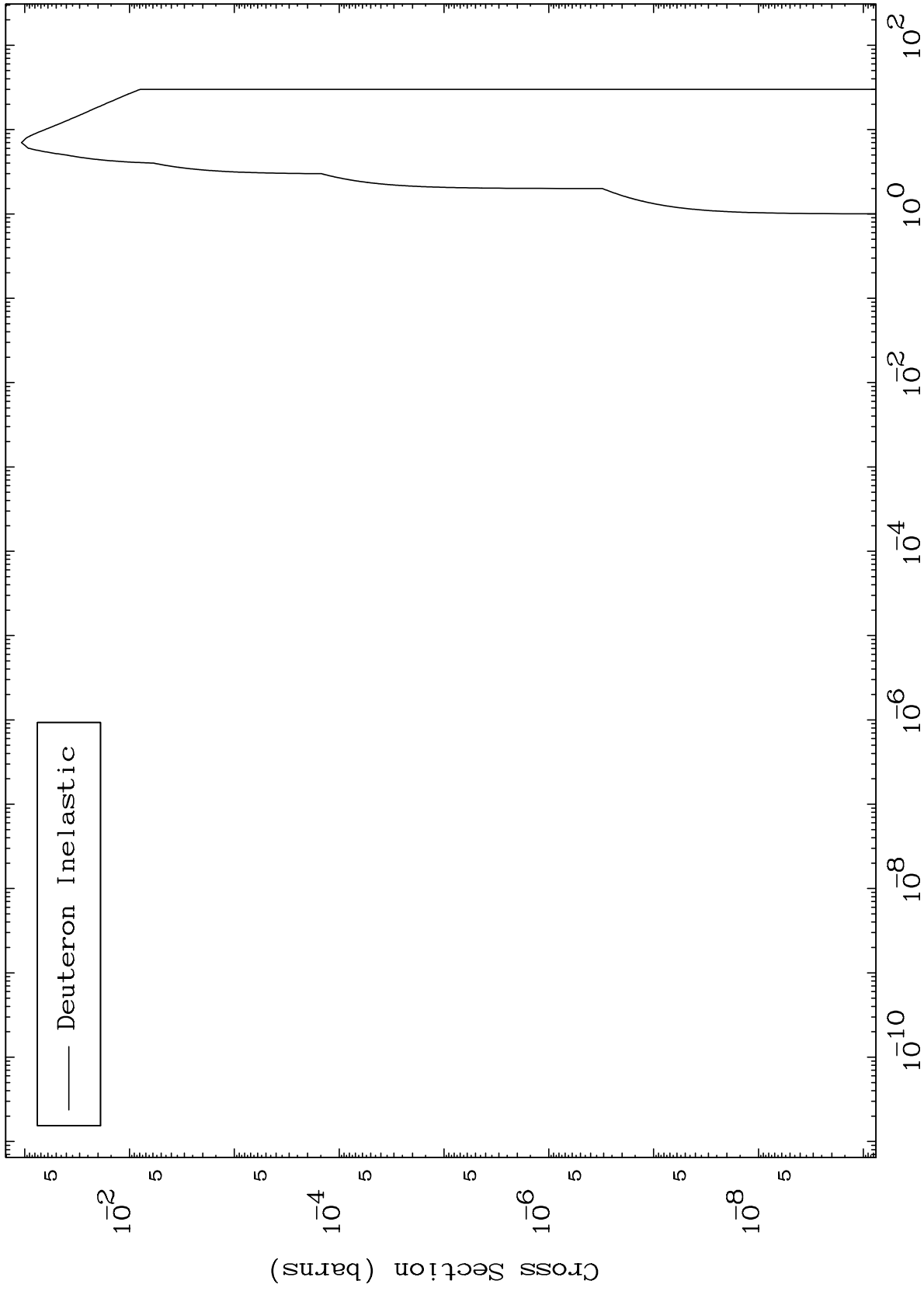
40-Zr-87



MAT 4017

(d,n') Level  
0 Kelvin Cross Sections

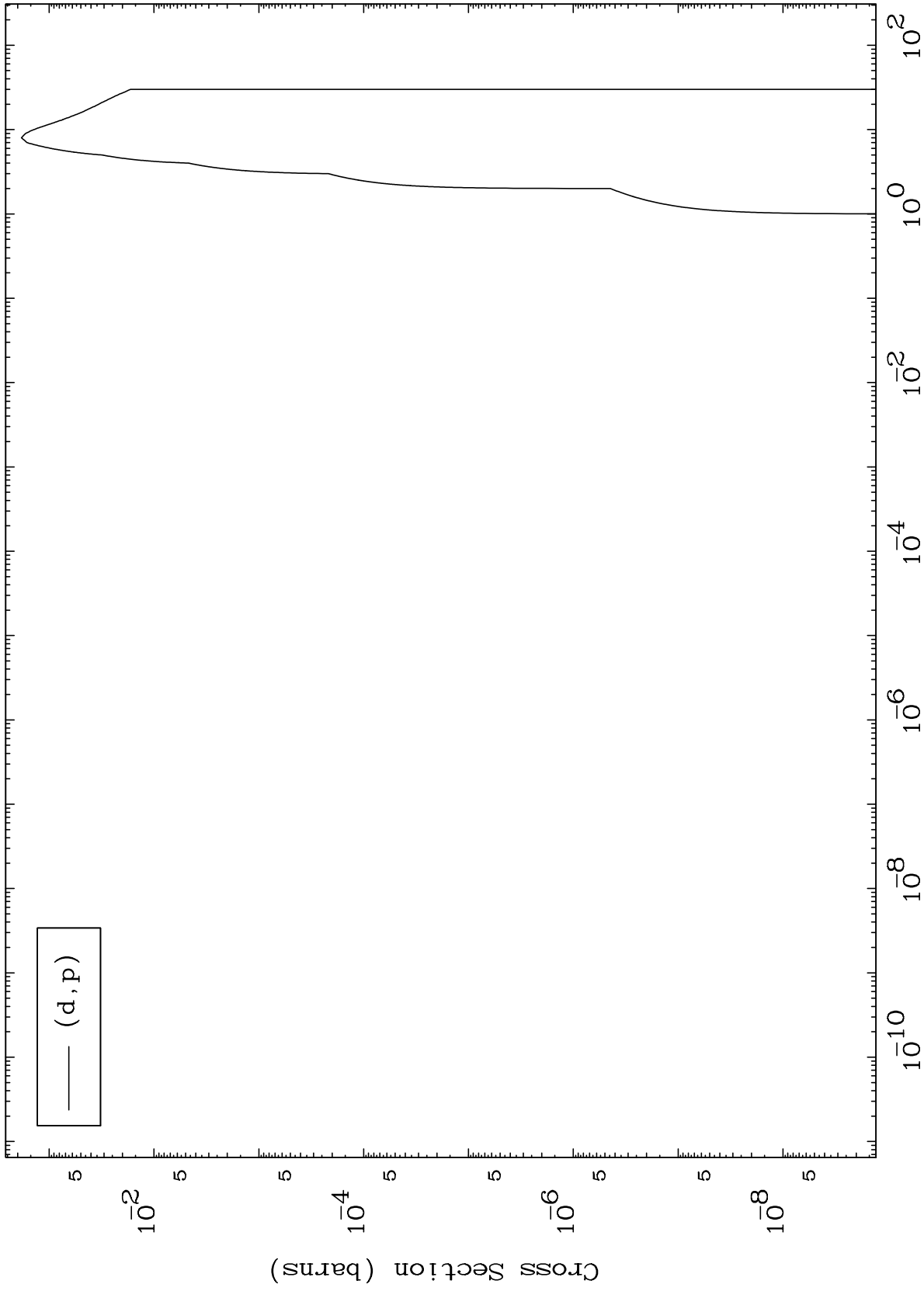
40-Zr-87



MAT 4017

(d,p) Levels  
0 Kelvin Cross Sections

40-Zr-87



6

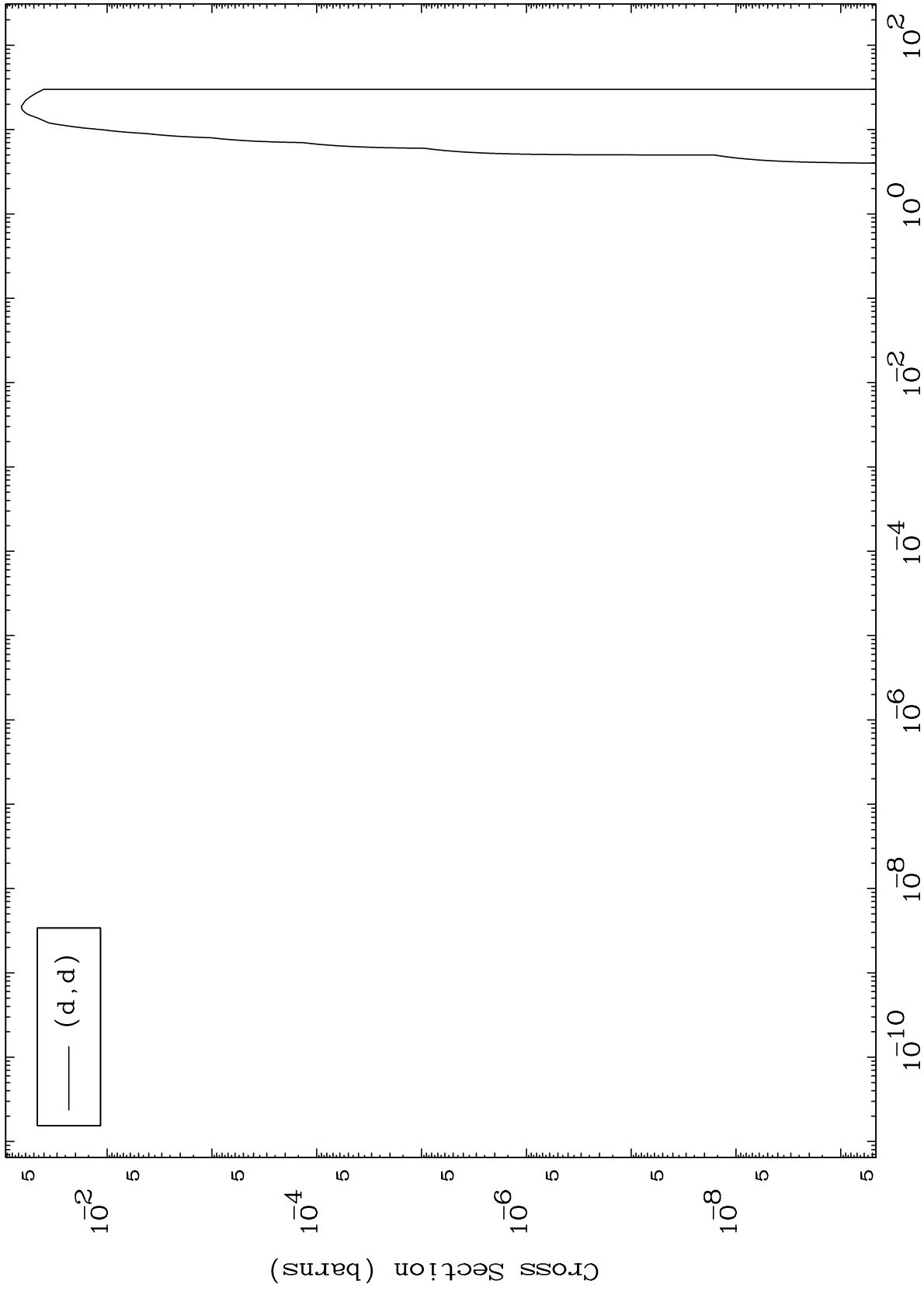
Incident Energy (MeV)

40-Zr-87

MAT 4017

(d,d) Levels  
0 Kelvin Cross Sections

40-Zr-87



7

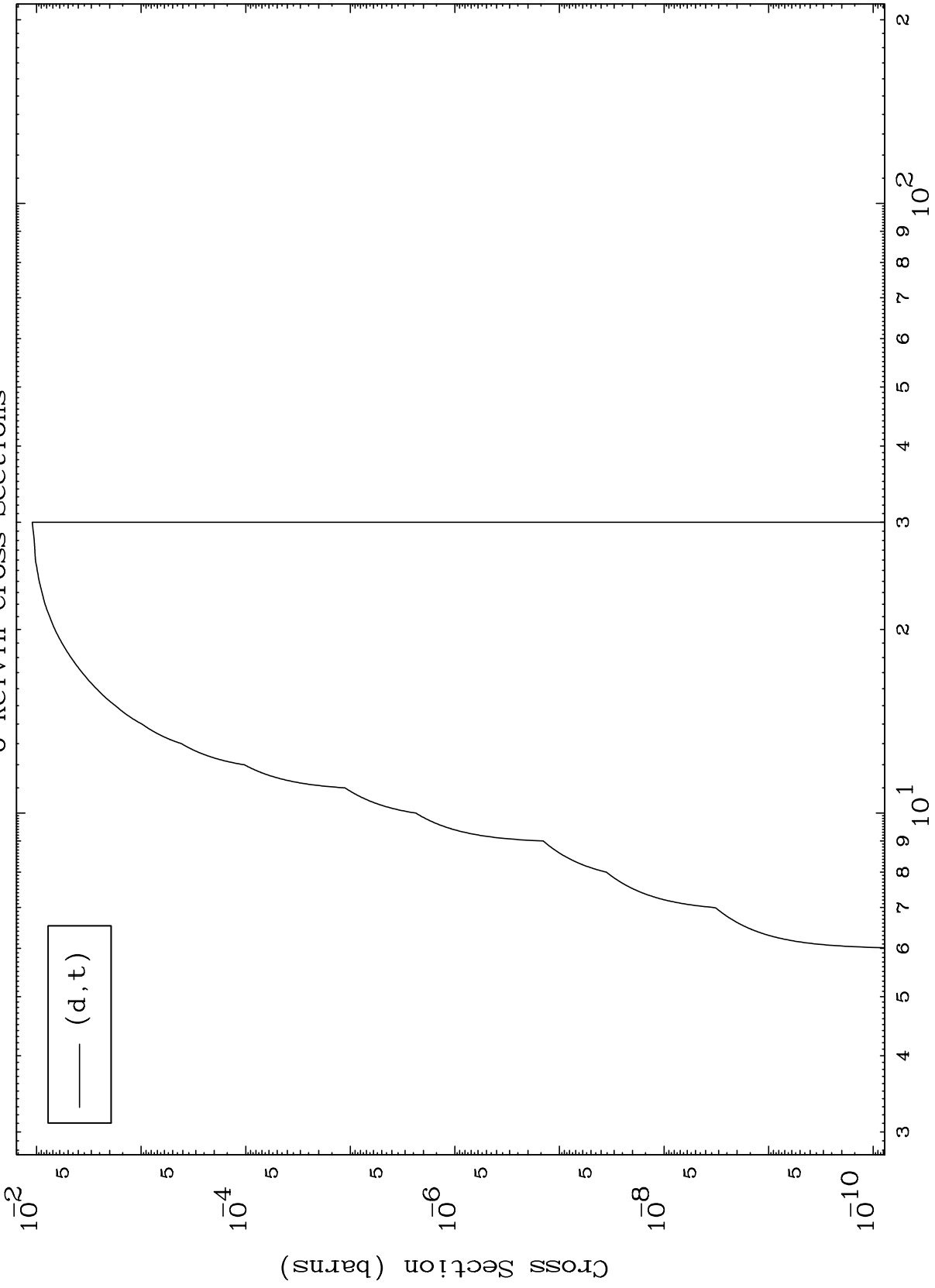
Incident Energy (MeV)

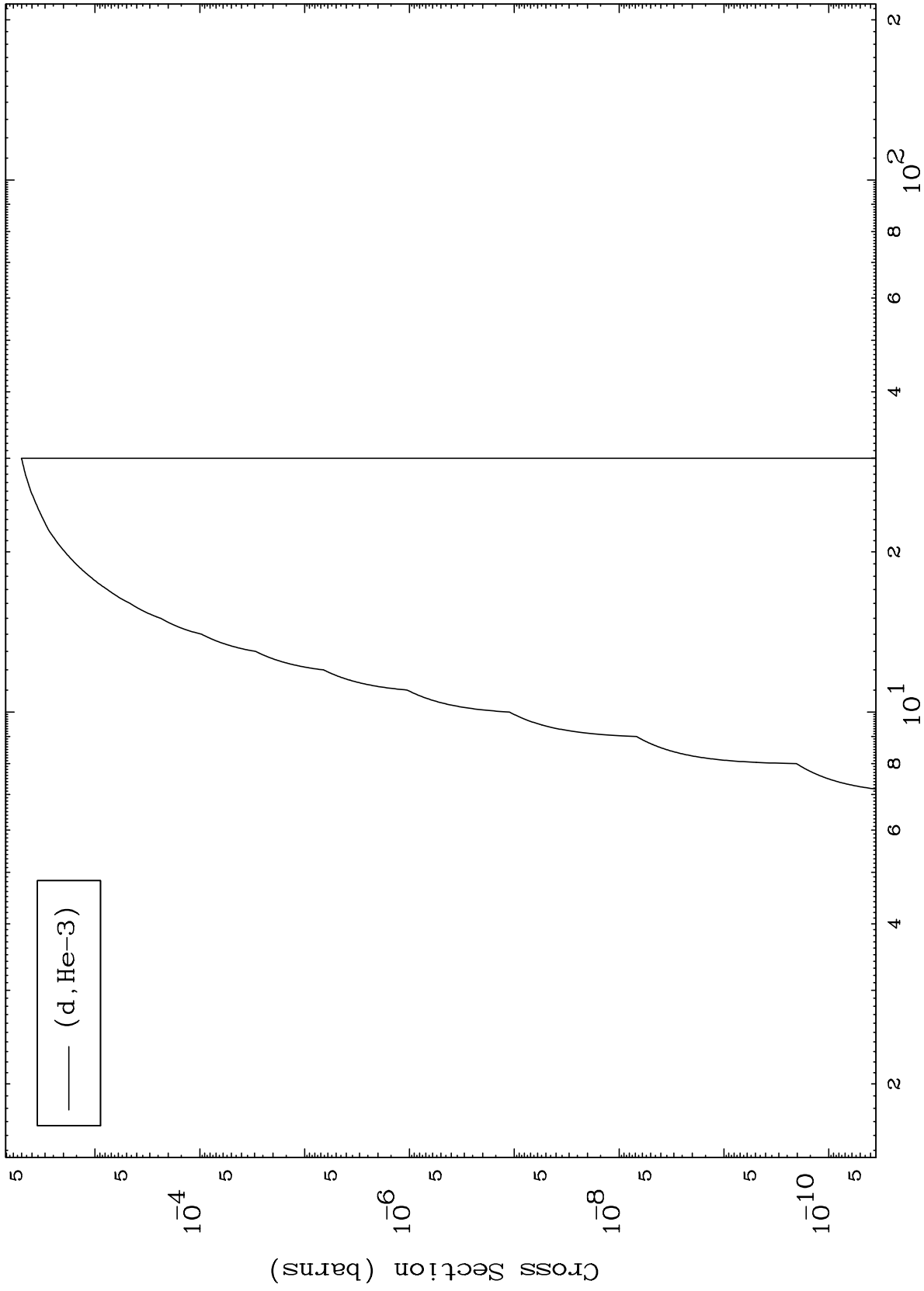
40-Zr-87

MAT 4017

(d,t) Levels  
0 Kelvin Cross Sections

40-Zr-87

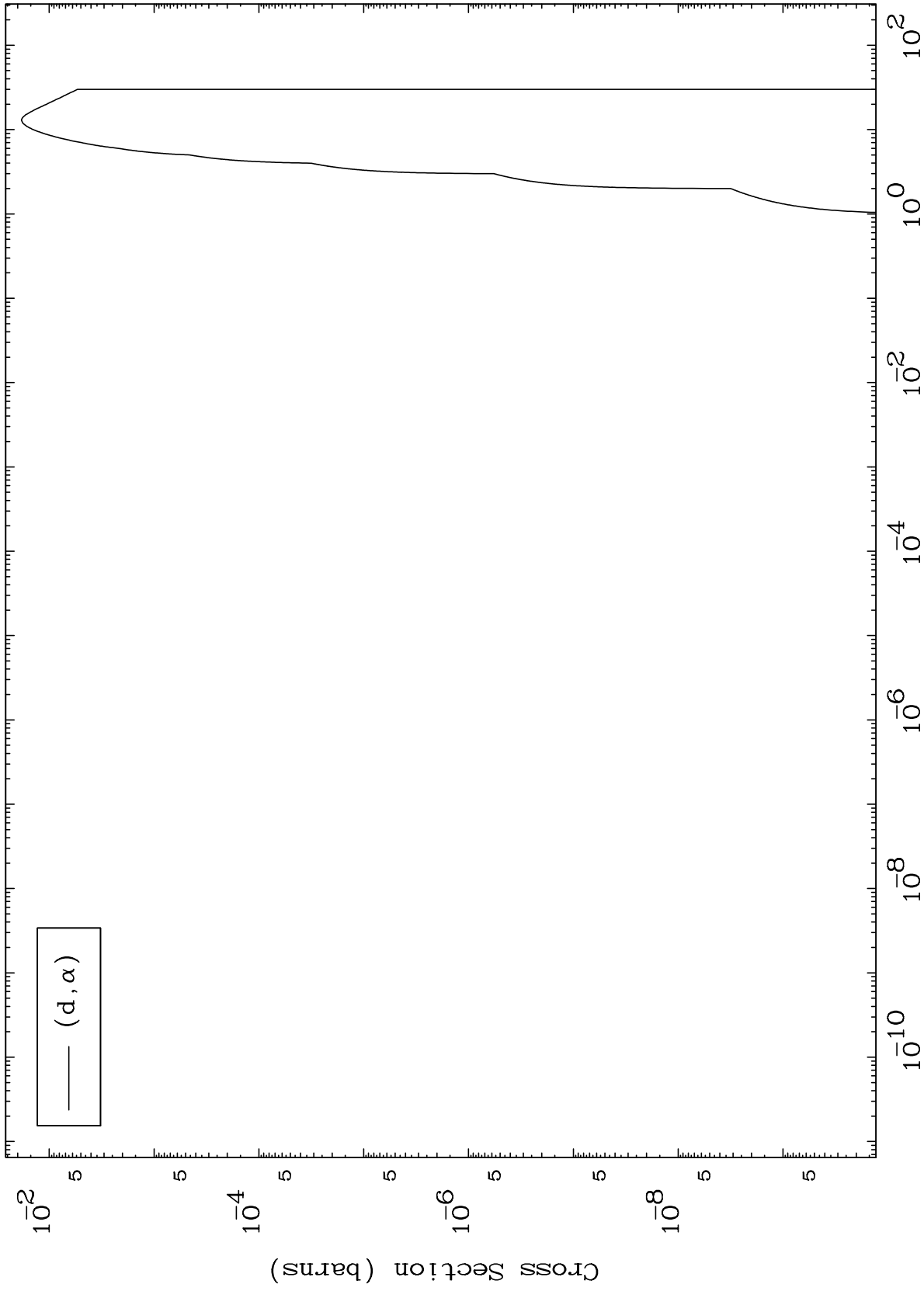




MAT 4017

(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections

40-Zr-87



10

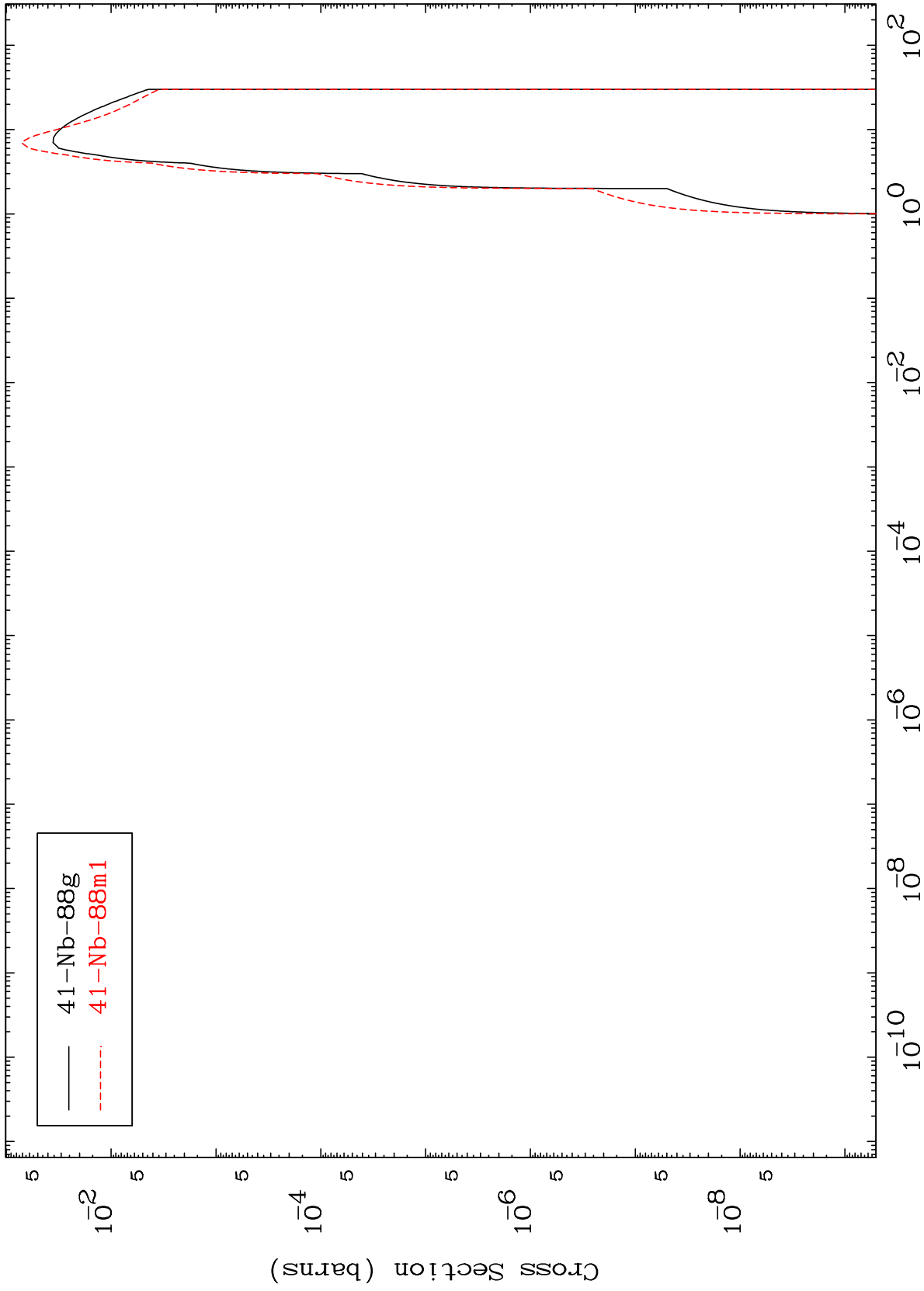
Incident Energy (MeV)

40-Zr-87

MAT 4017

Deuteron Inelastic  
Radionuclide Production Cross Section

40-Zr-87



11

Incident Energy (MeV)

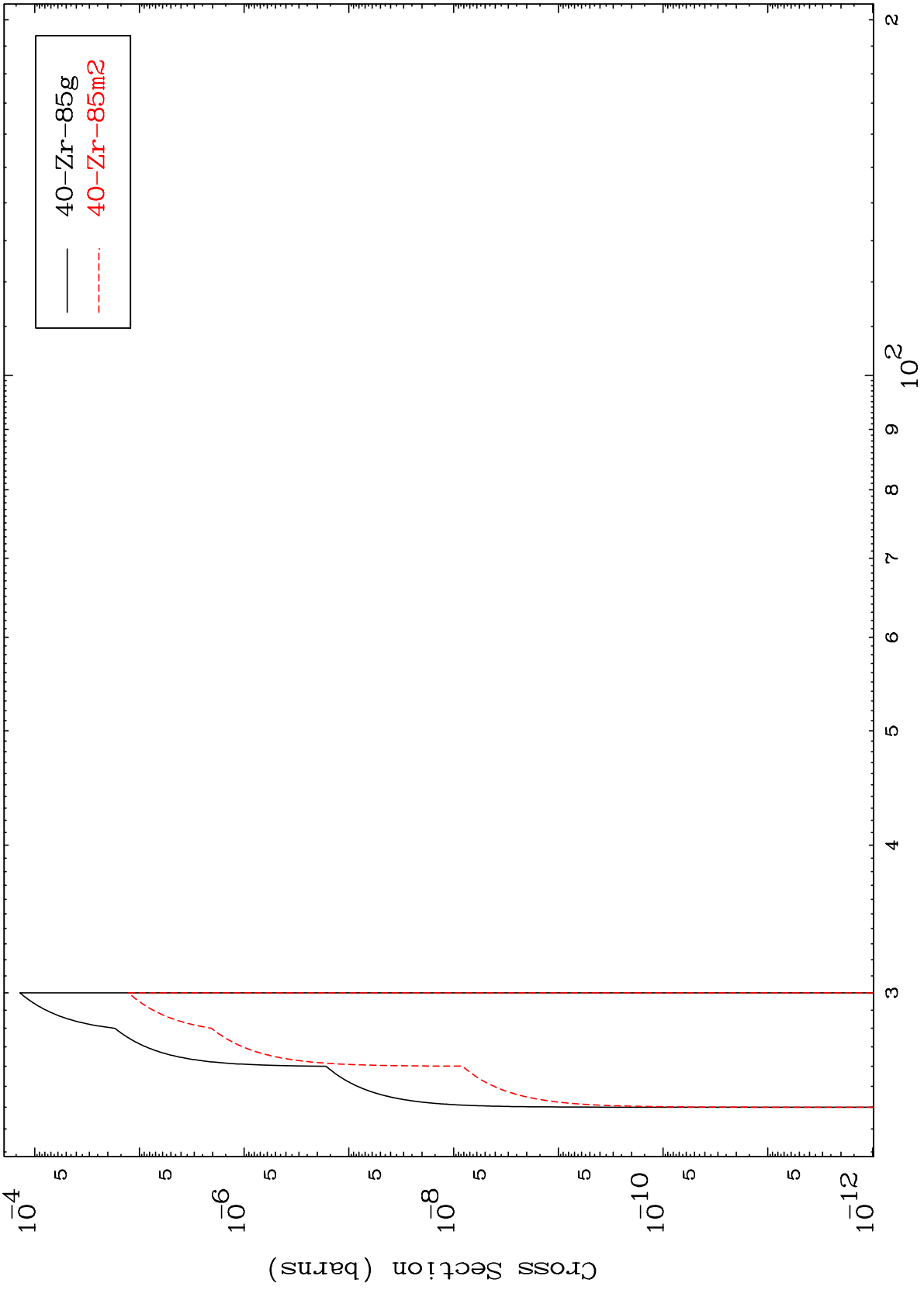
40-Zr-87

MAT 4017

(d,2n) d

40-Zr-87

Radionuclide Production Cross Section



12

Incident Energy (MeV)

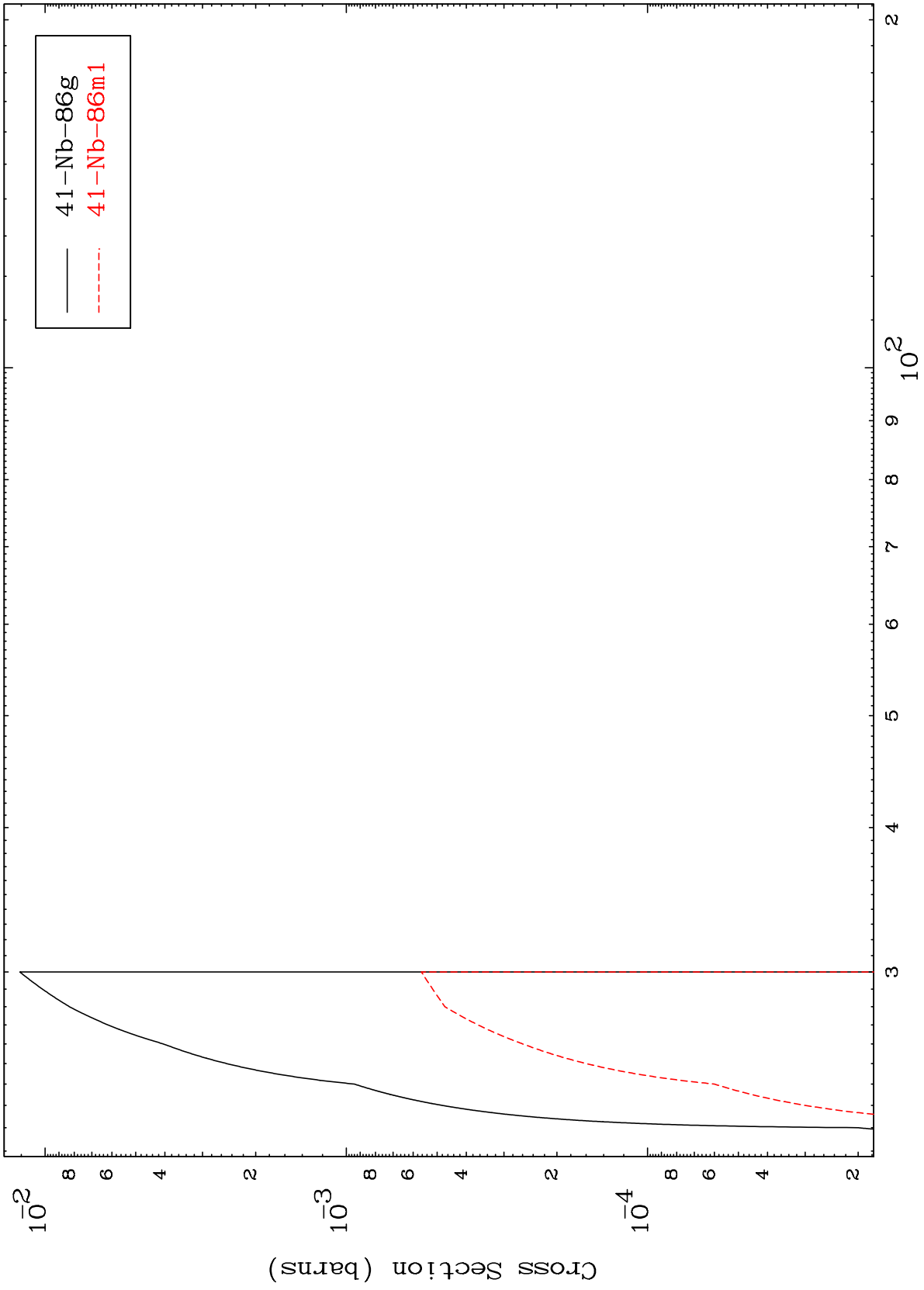
40-Zr-87



MAT 4017

40-Zr-87

(d,3n)  
Radionuclide Production Cross Section



41-Nb-86g  
41-Nb-86m1

14

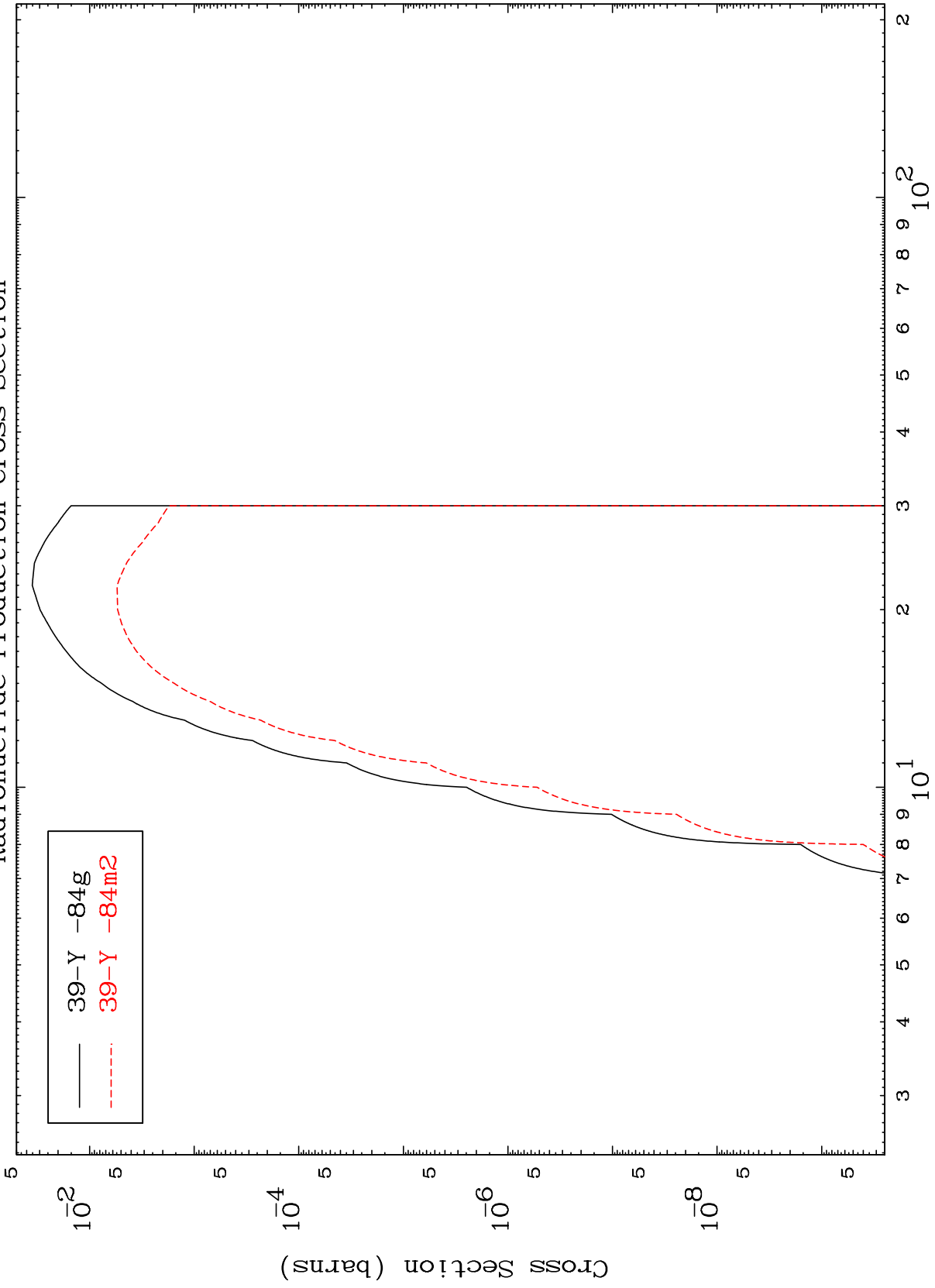
40-Zr-87

MAT 4017

(d,n')  $\alpha$

40-Zr-87

Radionuclide Production Cross Section



— 39-Y -84g  
- - - 39-Y -84m2

15

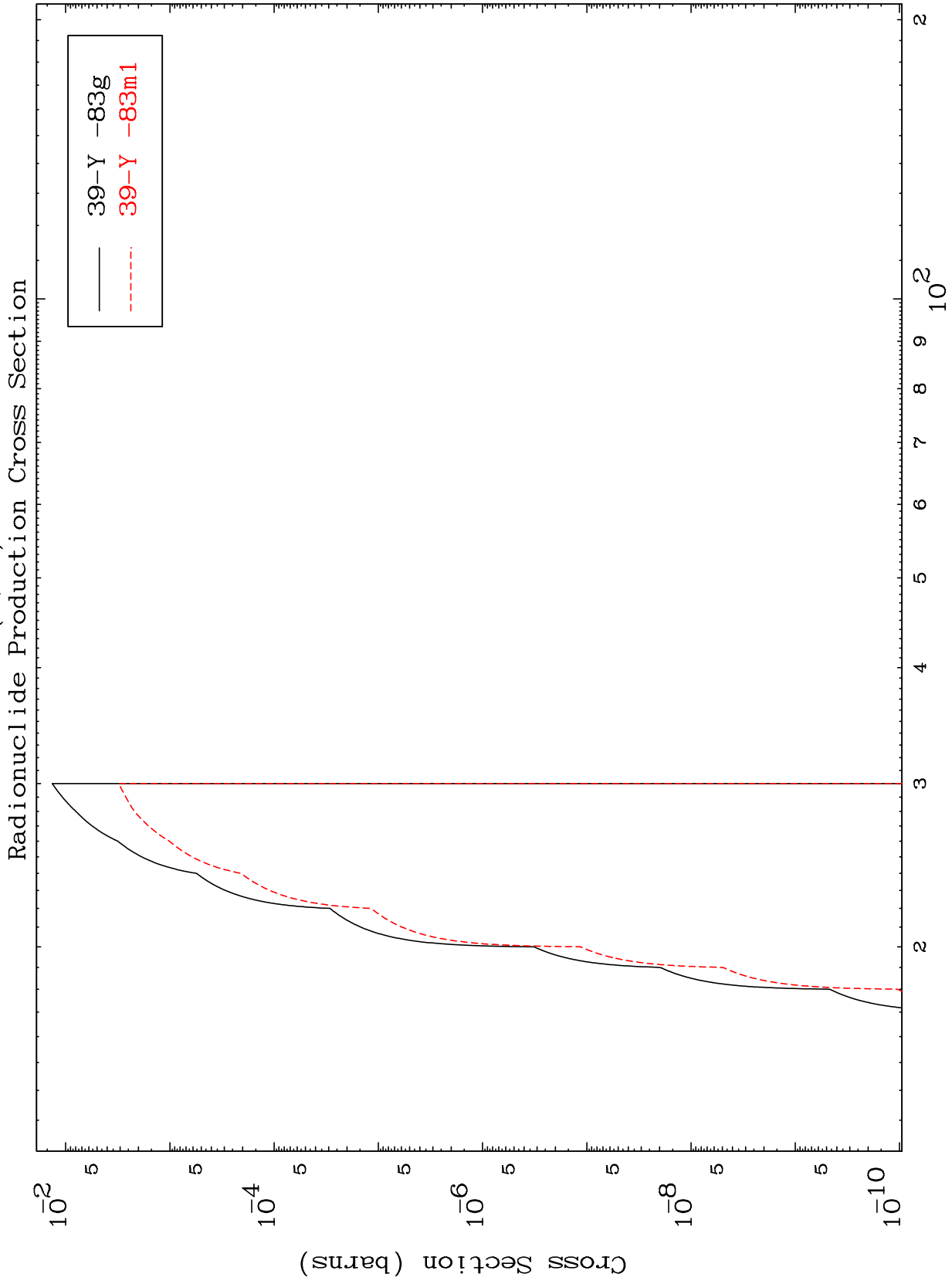
Incident Energy (MeV)

40-Zr-87

MAT 4017

(d,2n)  $\alpha$

40-Zr-87



16

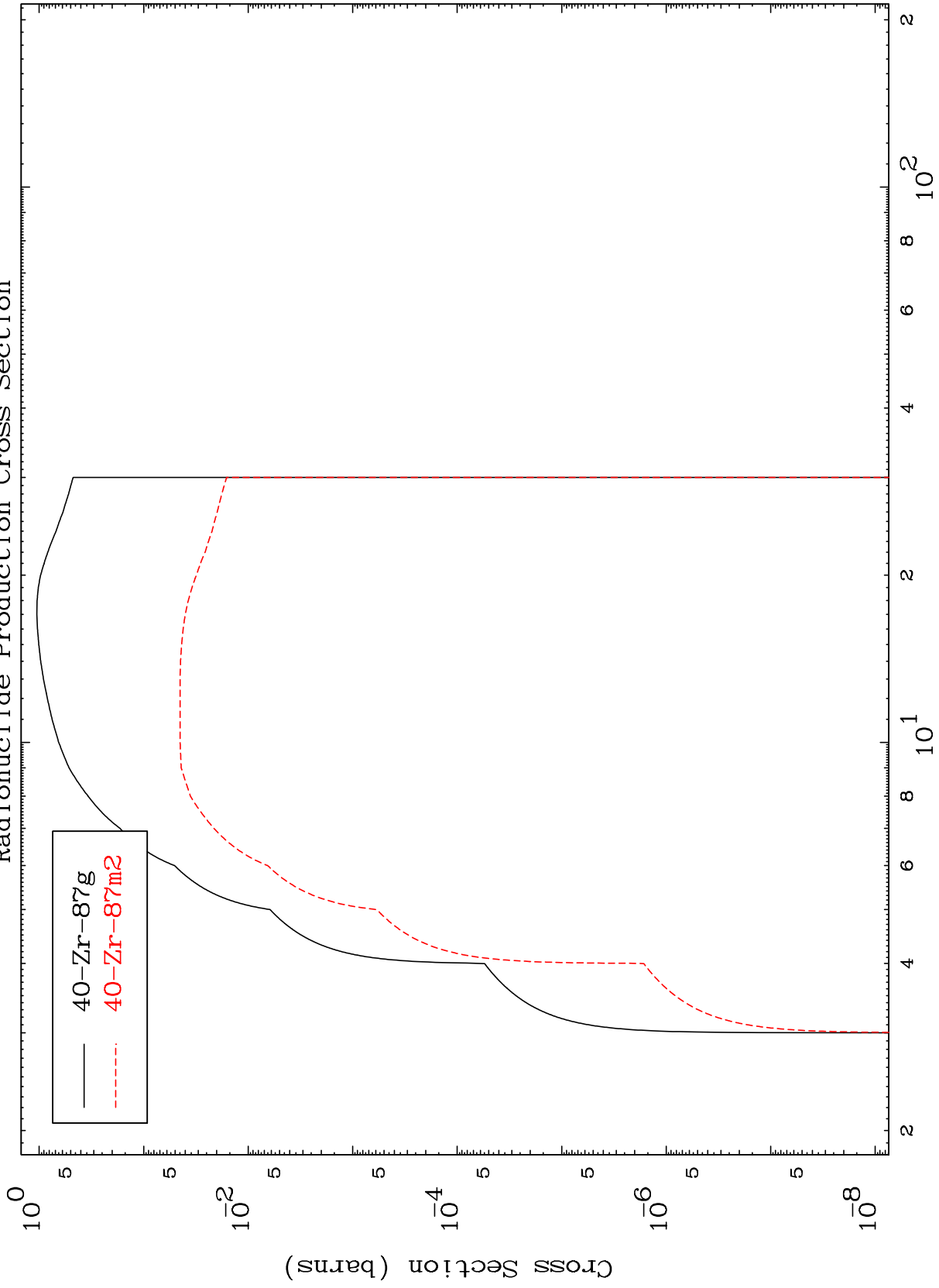
40-Zr-87

MAT 4017

(d,n') p

40-Zr-87

Radionuclide Production Cross Section



17

Incident Energy (MeV)

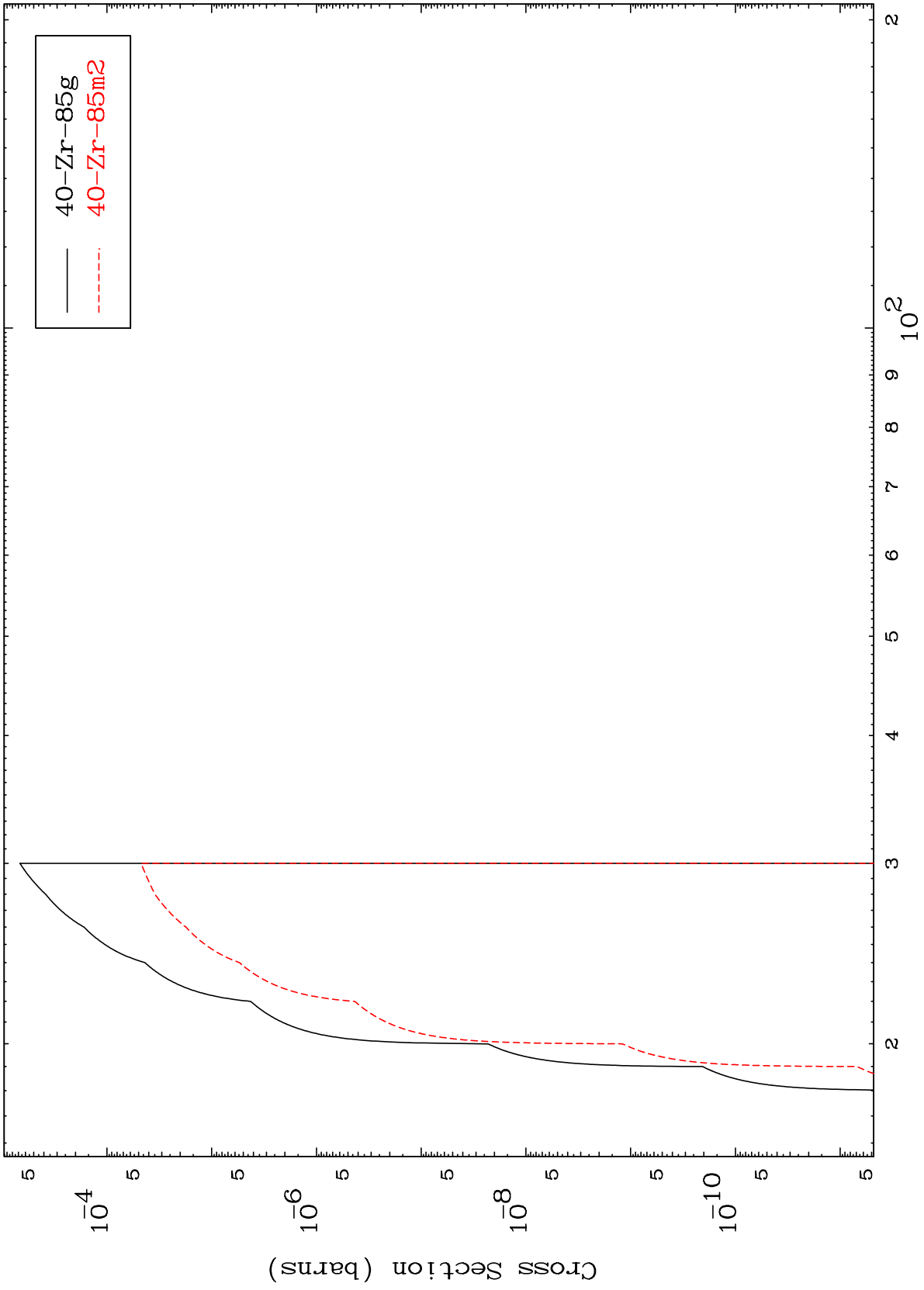
40-Zr-87

MAT 4017

(d,n') t

40-Zr-87

Radionuclide Production Cross Section



18

Incident Energy (MeV)

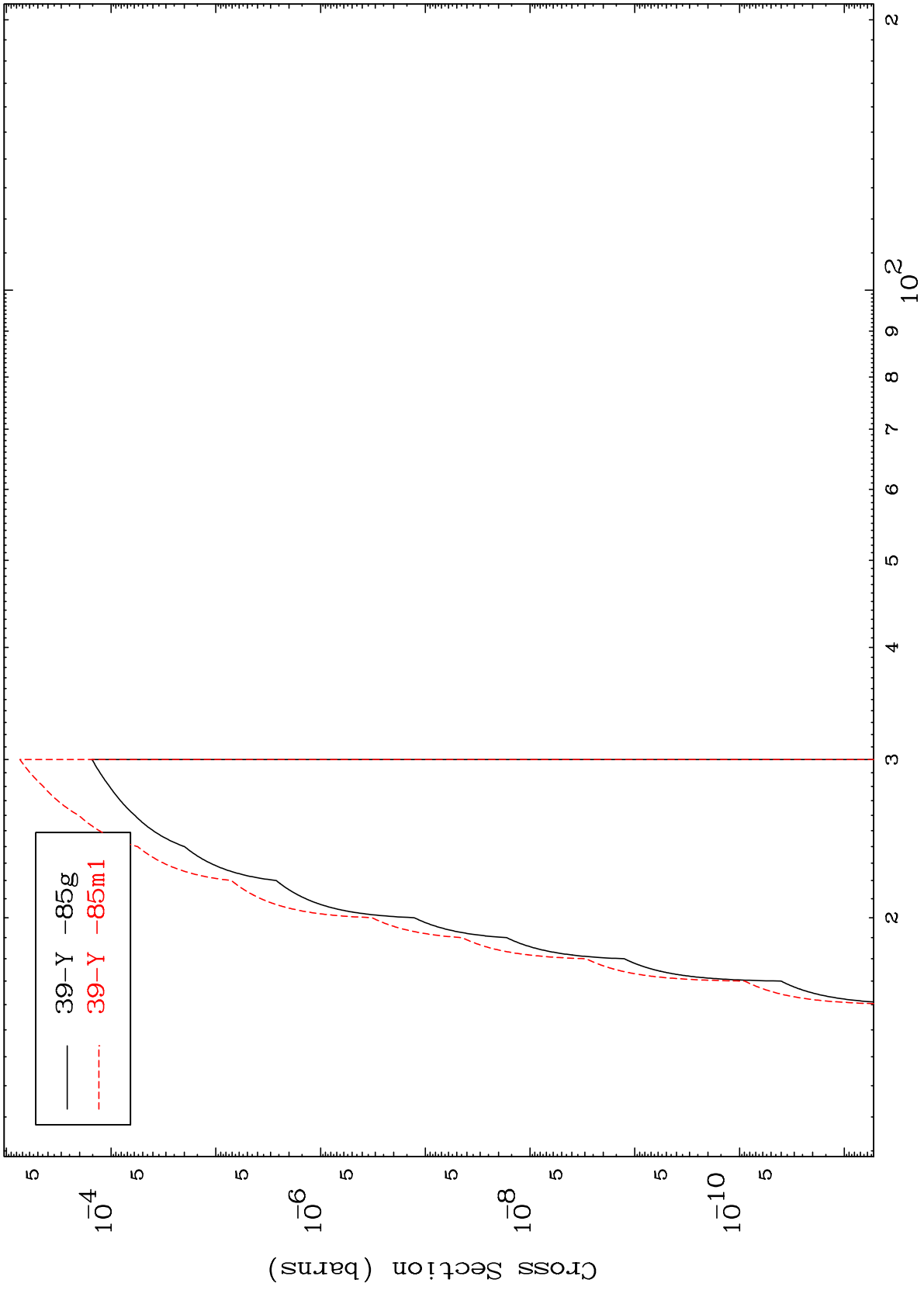
40-Zr-87

MAT 4017

(d,n') He-3

40-Zr-87

Radionuclide Production Cross Section



19

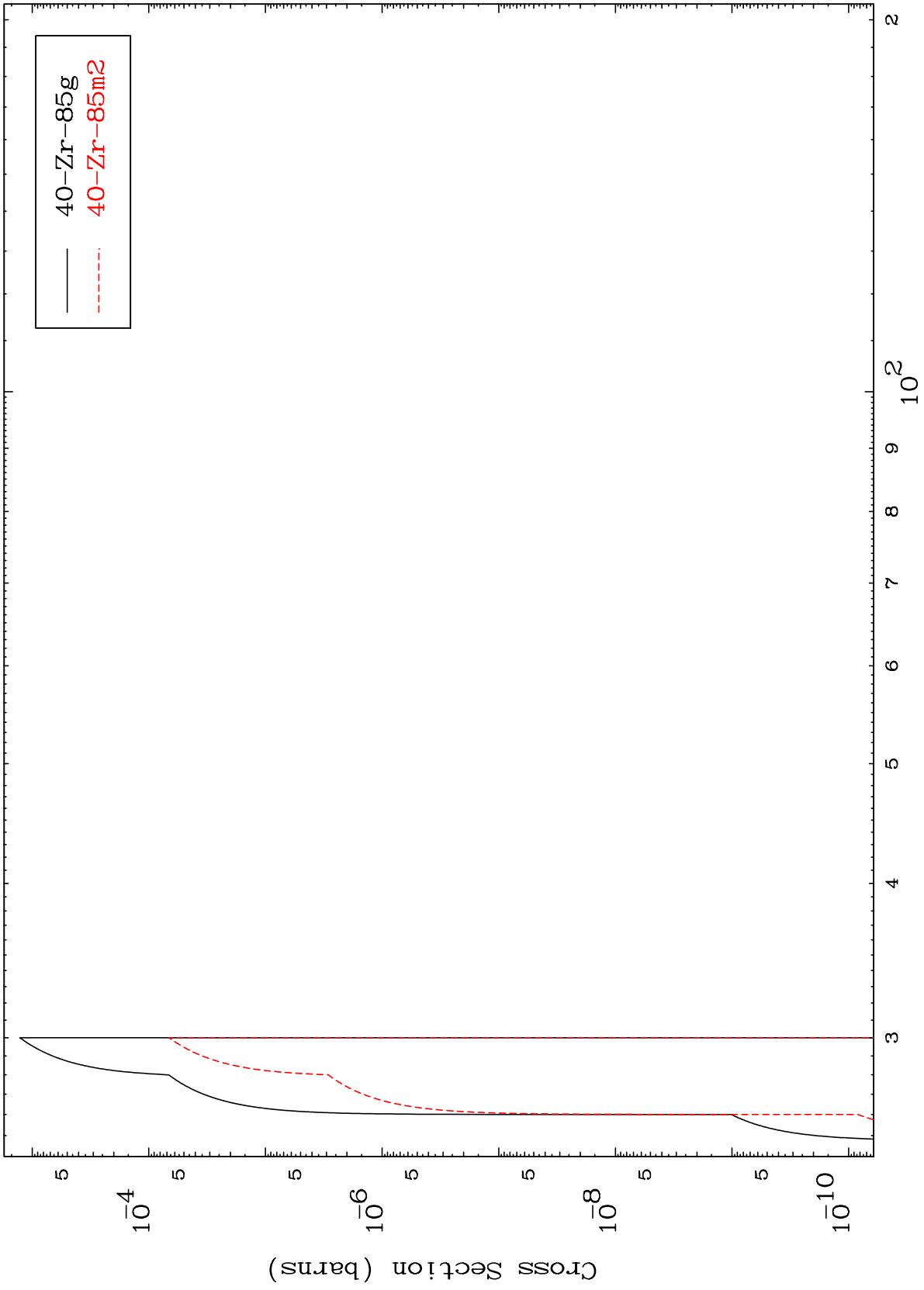
Incident Energy (MeV)

40-Zr-87

MAT 4017

40-Zr-87

(d,3n) p  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

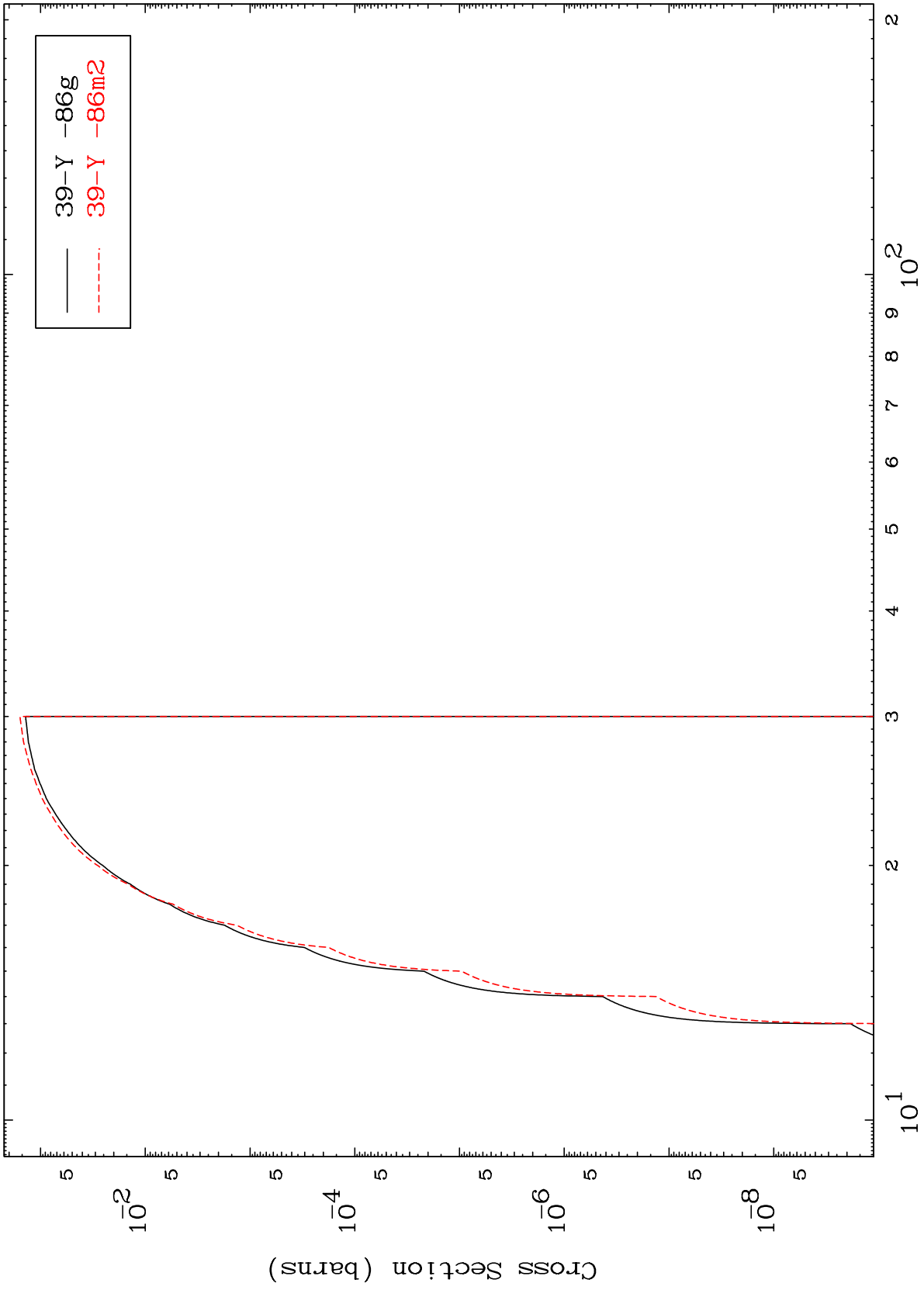
40-Zr-87

MAT 4017

(d,2n) p

40-Zr-87

Radionuclide Production Cross Section



21

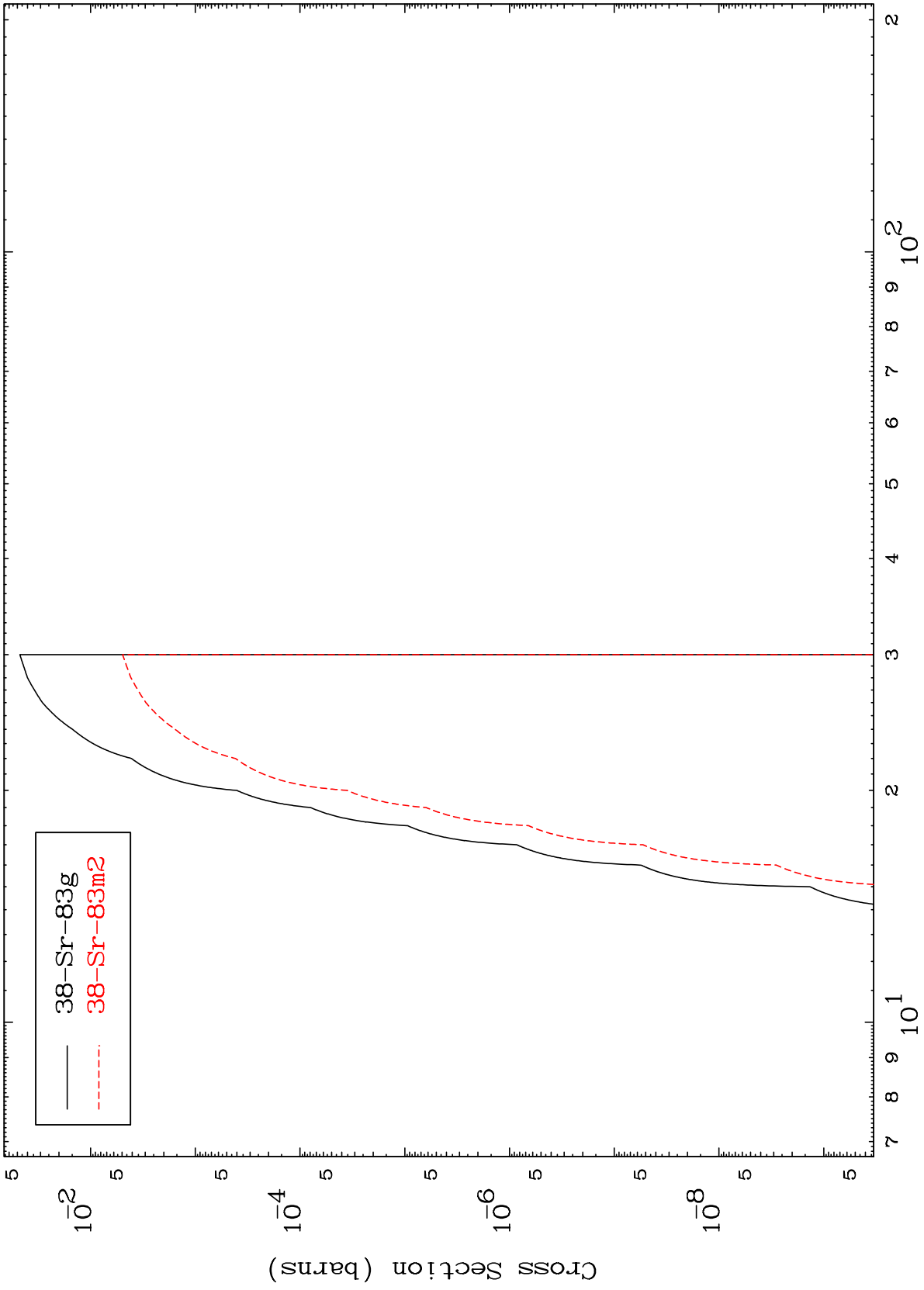
Incident Energy (MeV)

40-Zr-87

MAT 4017

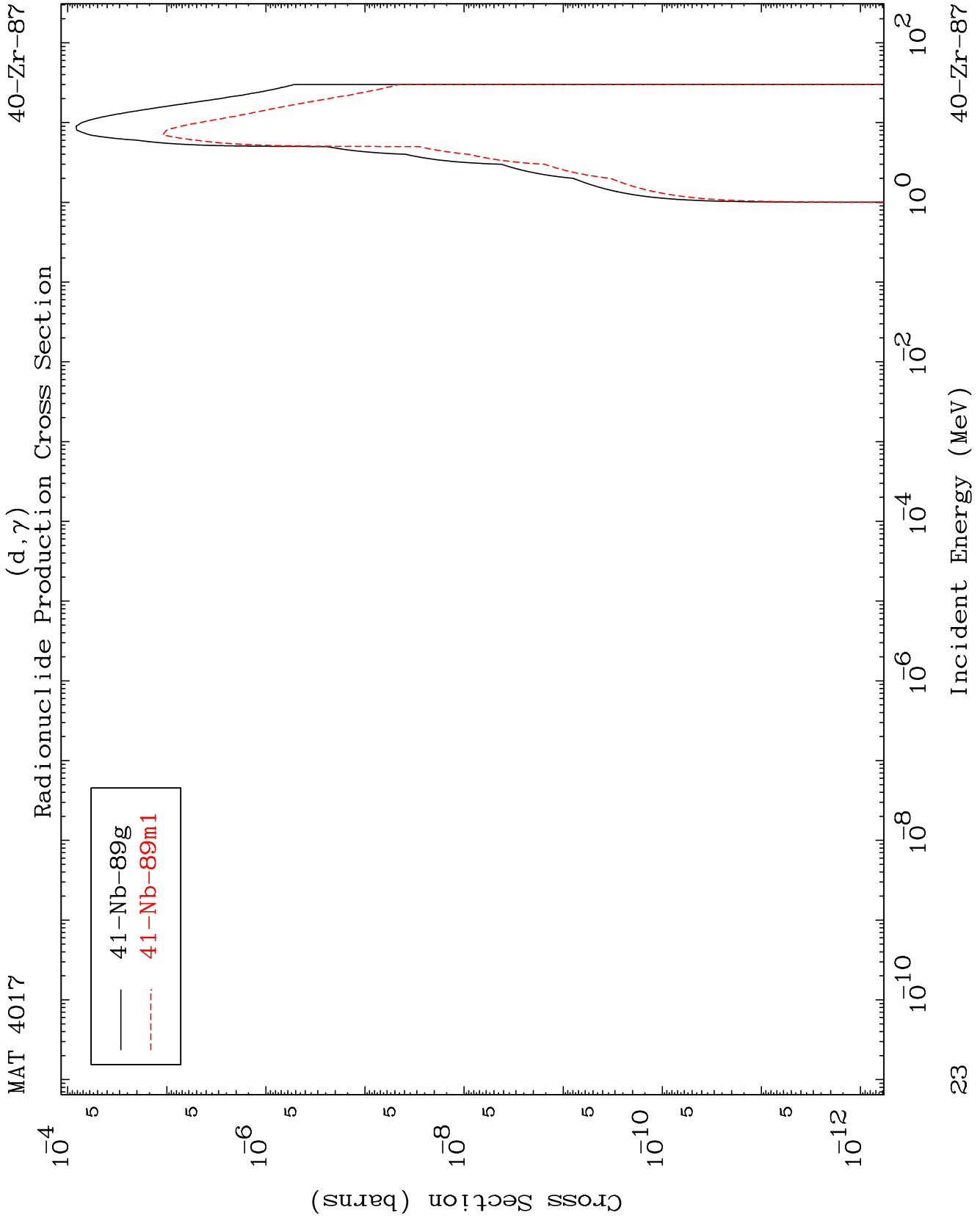
40-Zr-87

(d,n') p  $\alpha$   
Radionuclide Production Cross Section



22

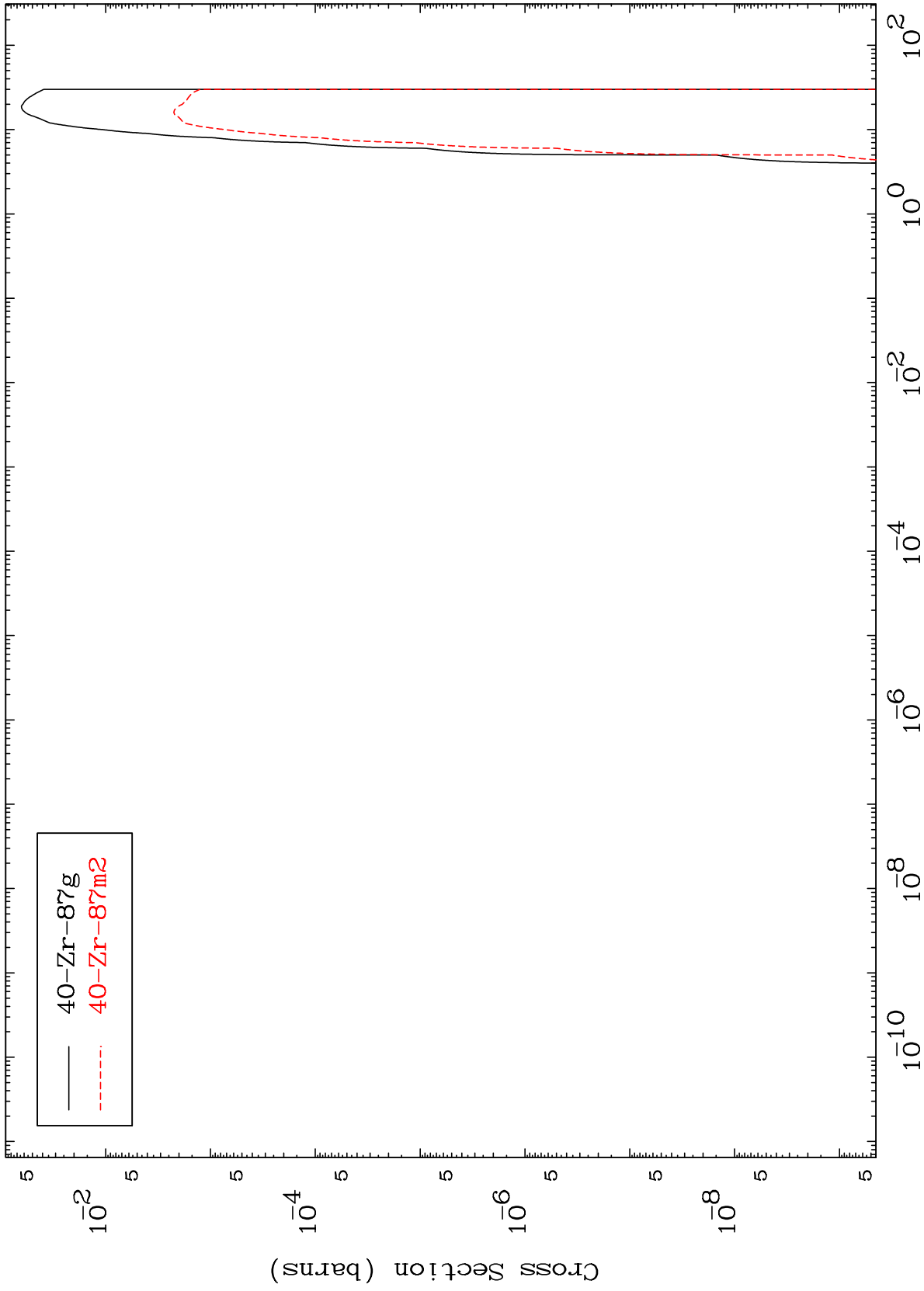
40-Zr-87



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(d,d)

Radionuclide Production Cross Section



24

Incident Energy (MeV)

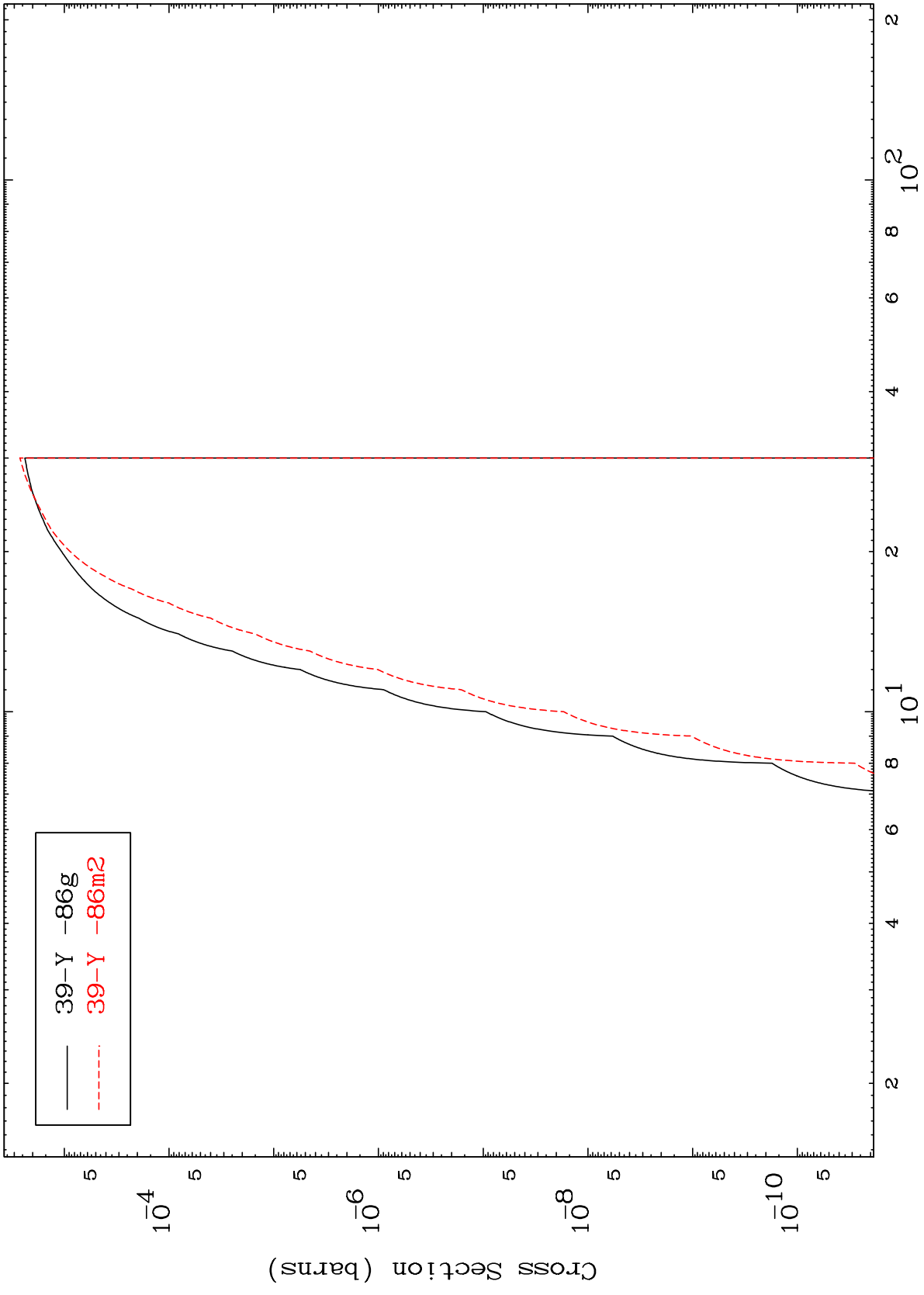
$^{40}\text{Zr-87}$

MAT 4017

(d, He-3)

40-Zr-87

Radionuclide Production Cross Section



25

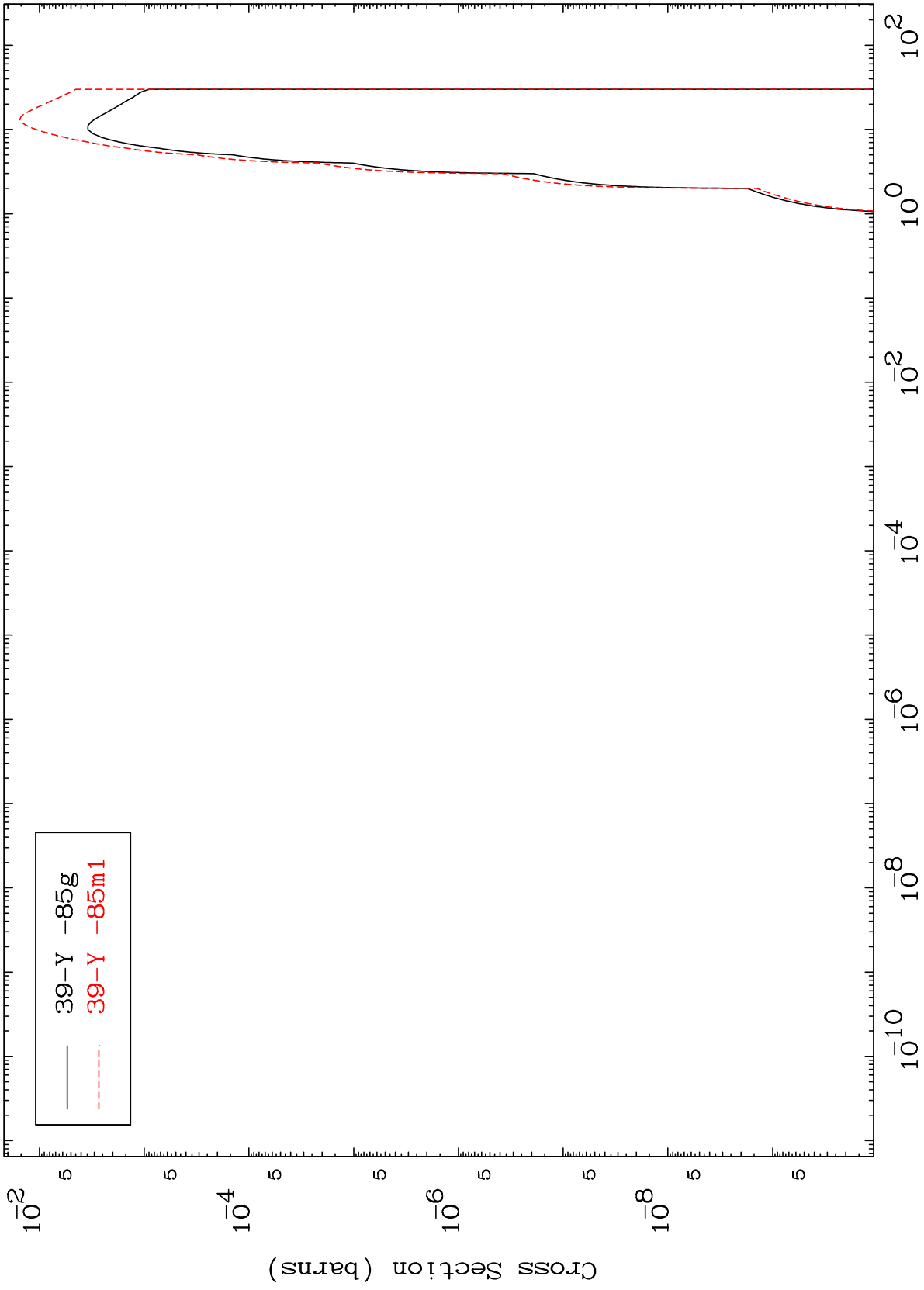
Incident Energy (MeV)

40-Zr-87

MAT 4017

Radionuclide Production Cross Section  
(d,  $\alpha$ )

40-Zr-87



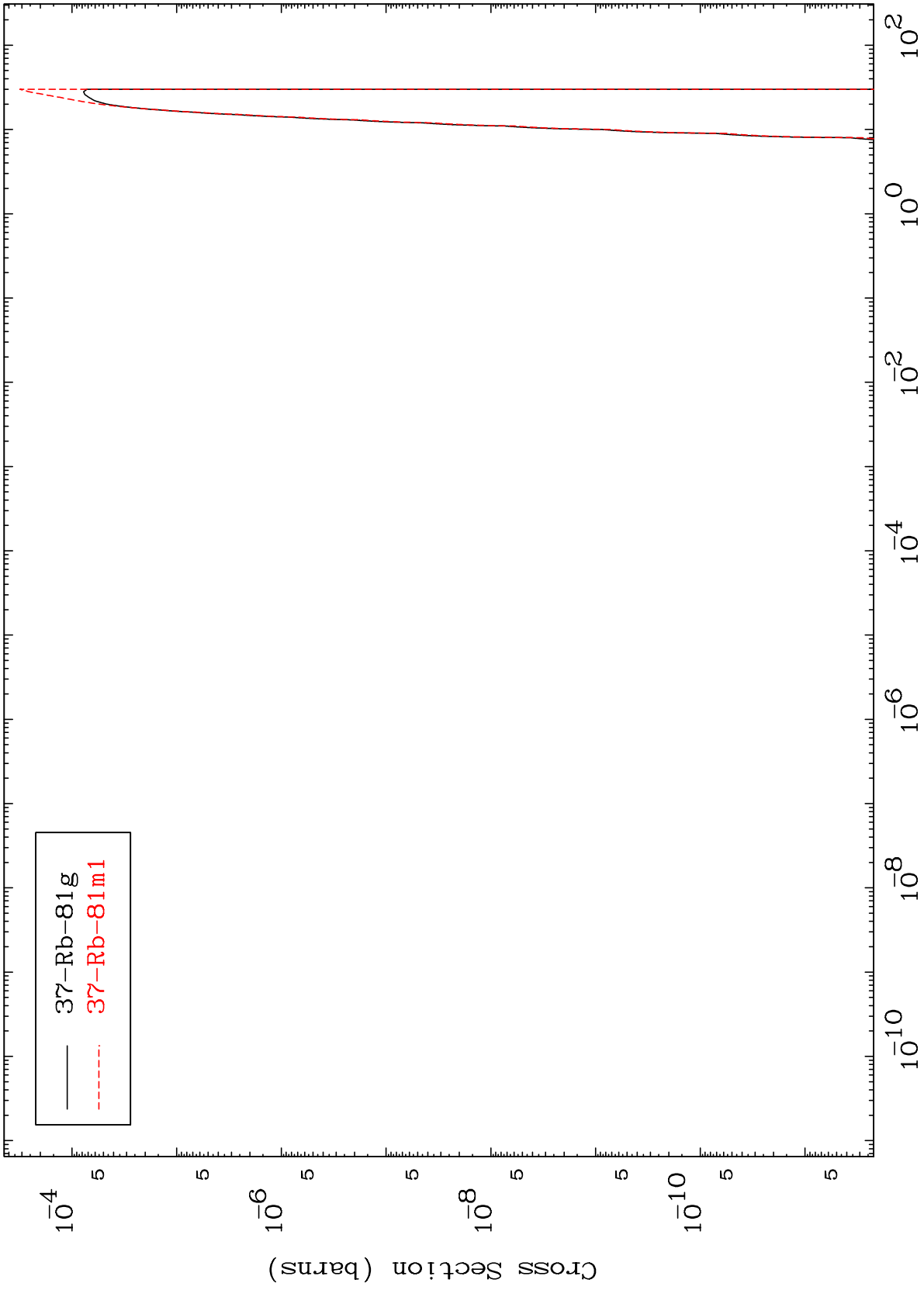
26

40-Zr-87

MAT 4017

Radionuclide Production Cross Section  
(d,2α)

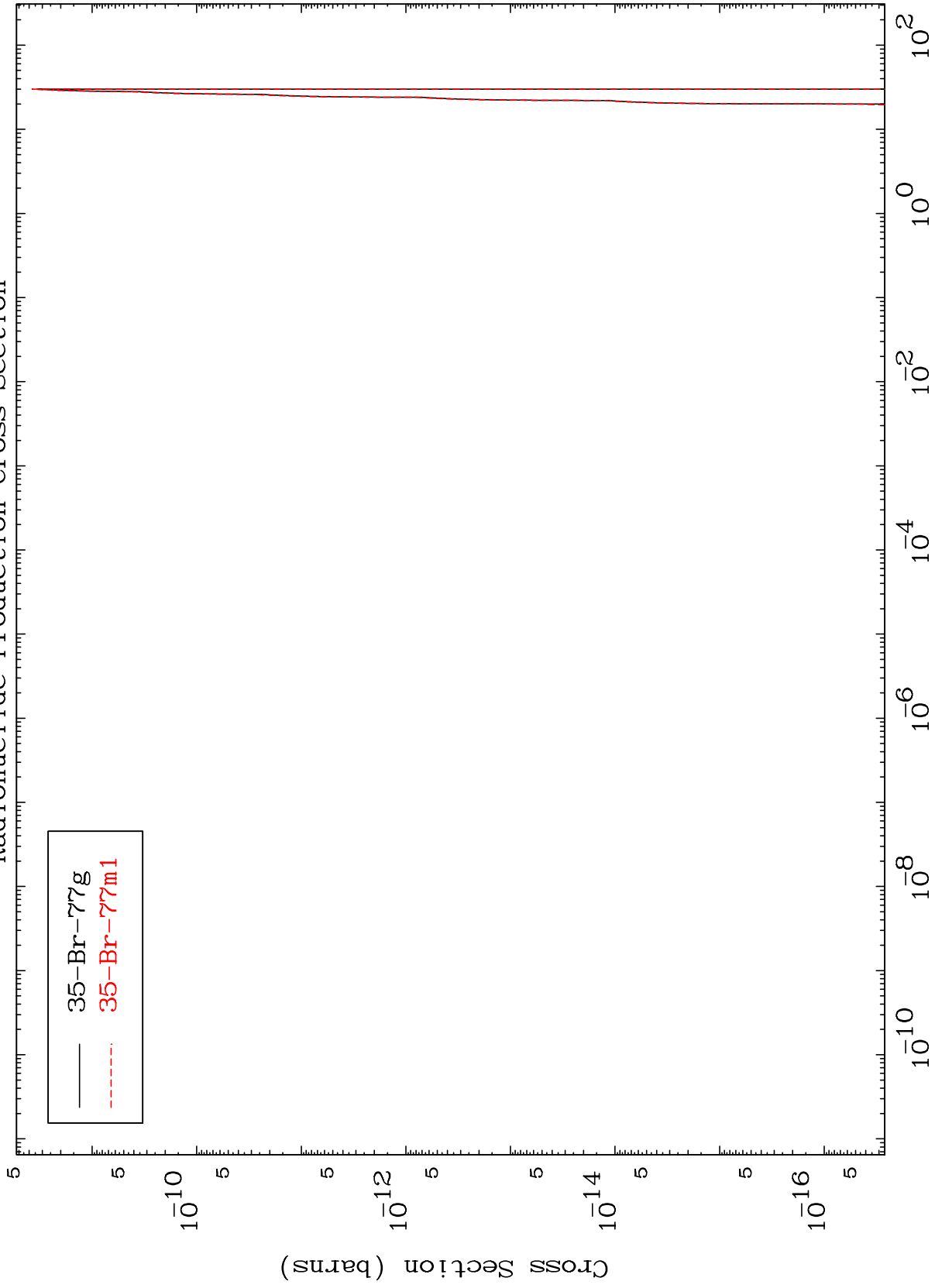
40-Zr-87



MAT 4017

Radionuclide Production Cross Section  
(d,3 $\alpha$ )

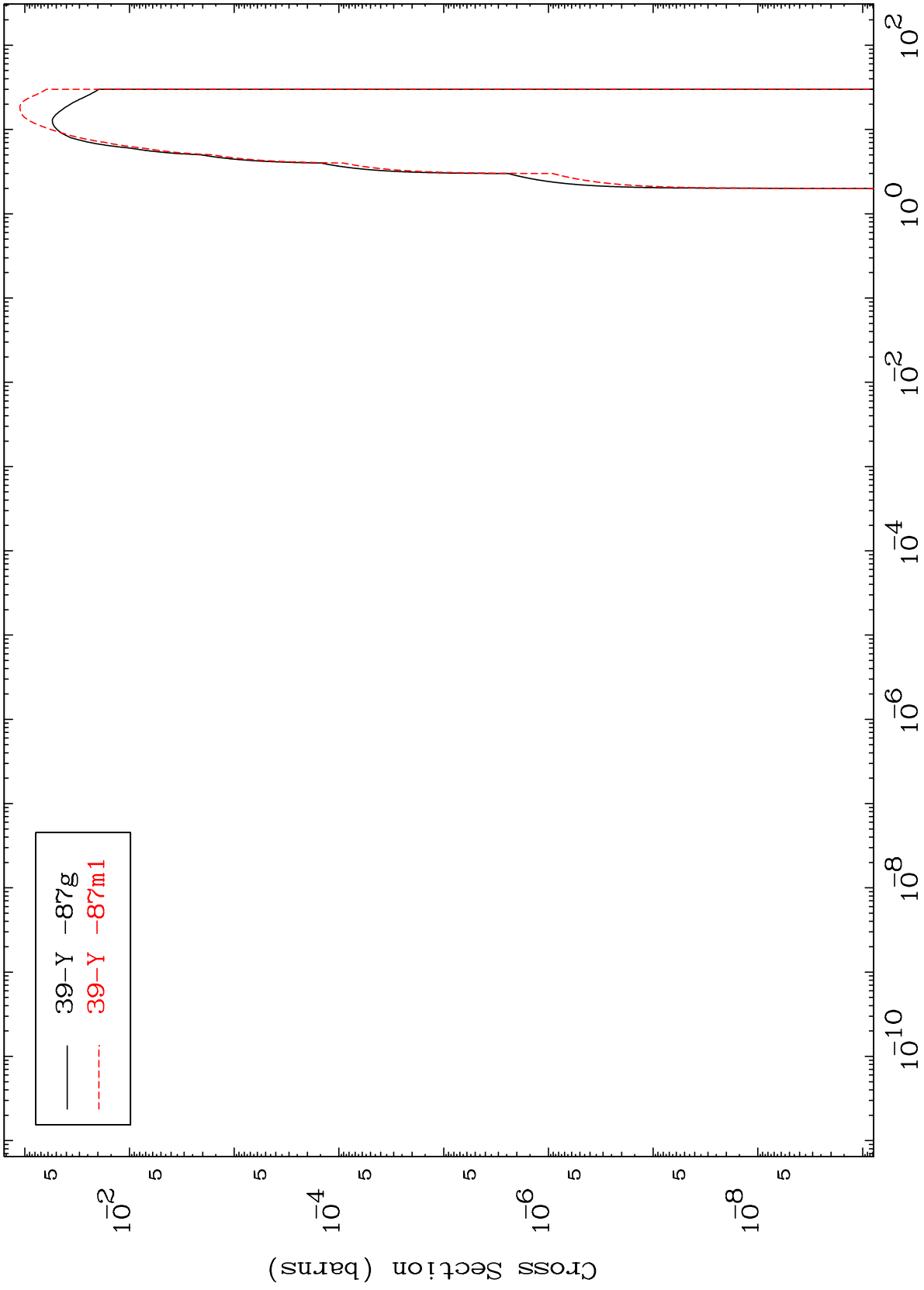
40-Zr-87



MAT 4017

Radionuclide Production Cross Section  
(d,2p)

40-Zr-87



29

Incident Energy (MeV)

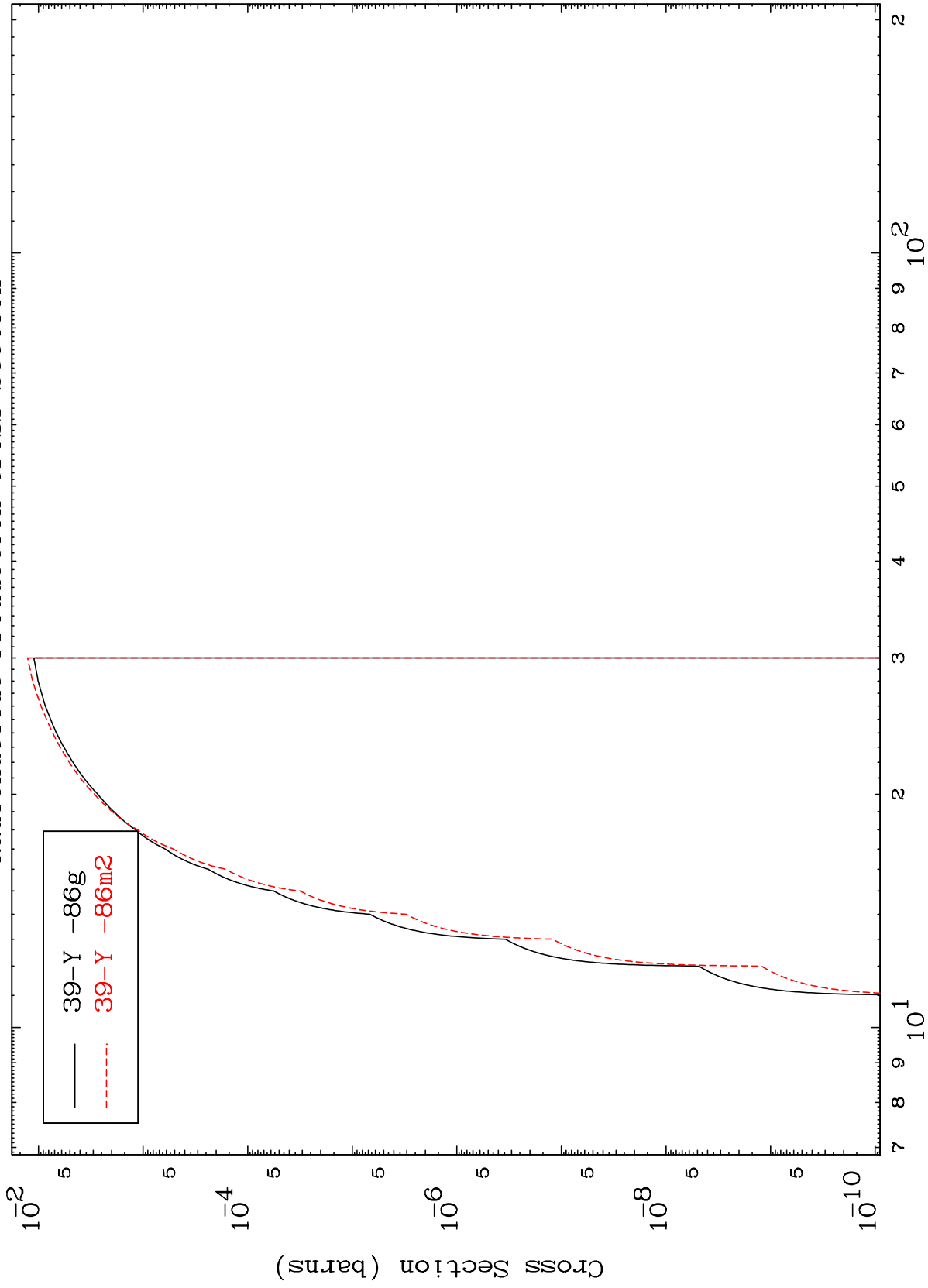
40-Zr-87

MAT 4017

(d,p) d

40-Zr-87

Radionuclide Production Cross Section



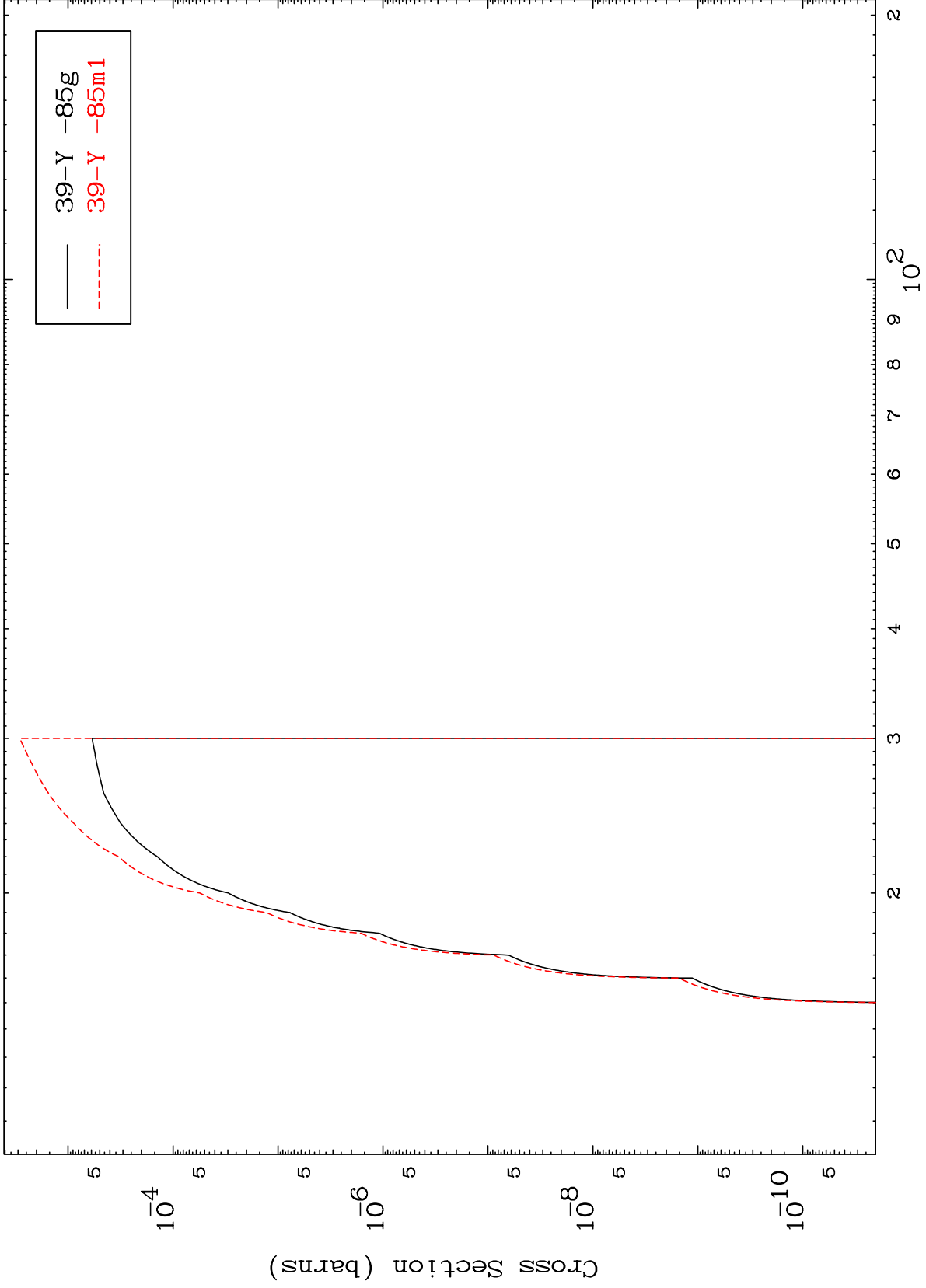
39-Y -86g  
39-Y -86m2

MAT 4017

(d,p) t

40-Zr-87

Radionuclide Production Cross Section



39-Y -85g  
39-Y -85m1

31

Incident Energy (MeV)

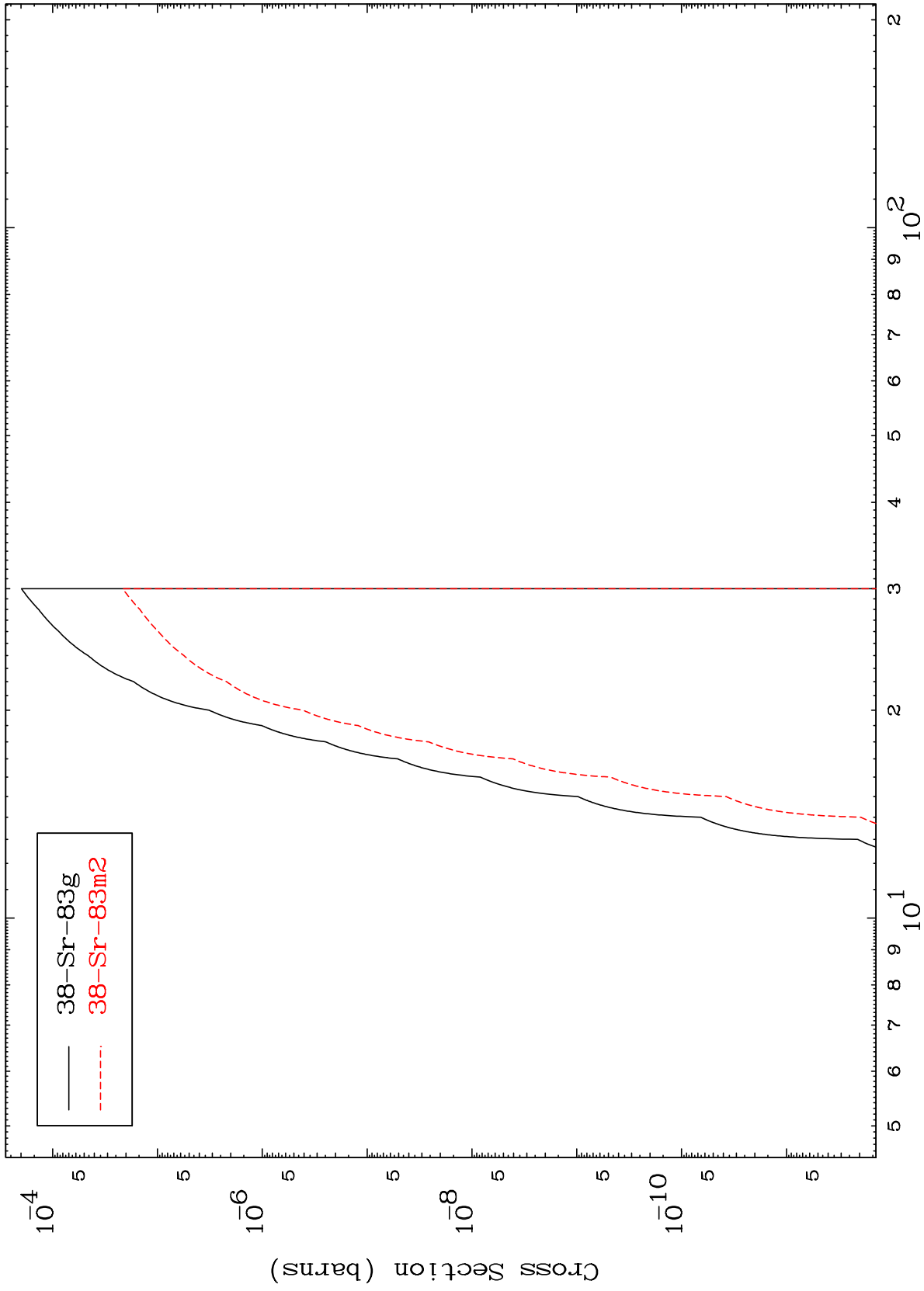
40-Zr-87

MAT 4017

(d,d)  $\alpha$

40-Zr-87

Radionuclide Production Cross Section



32

Incident Energy (MeV)

40-Zr-87