

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

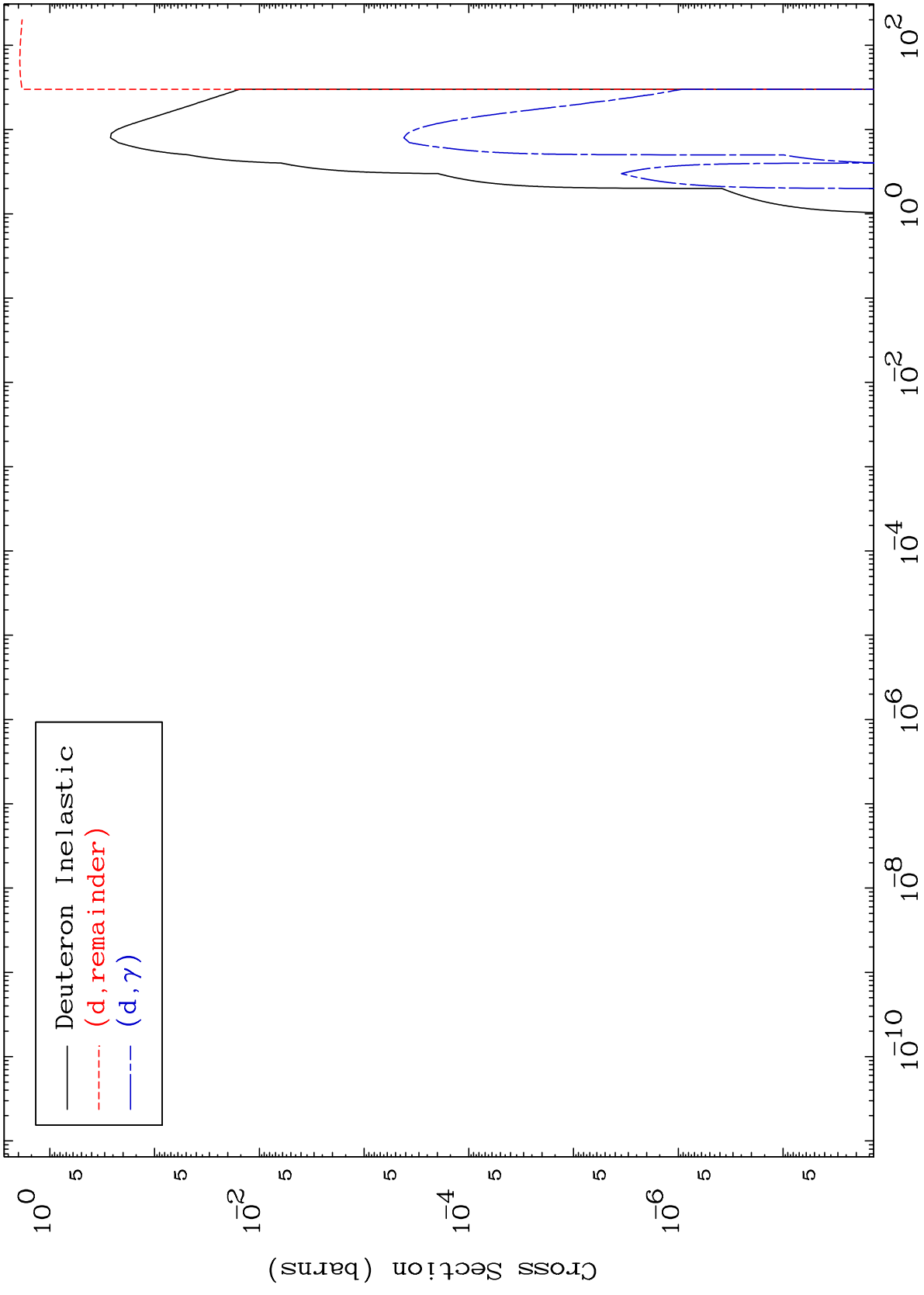
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4019

Deuteron Major  
0 Kelvin Cross Sections

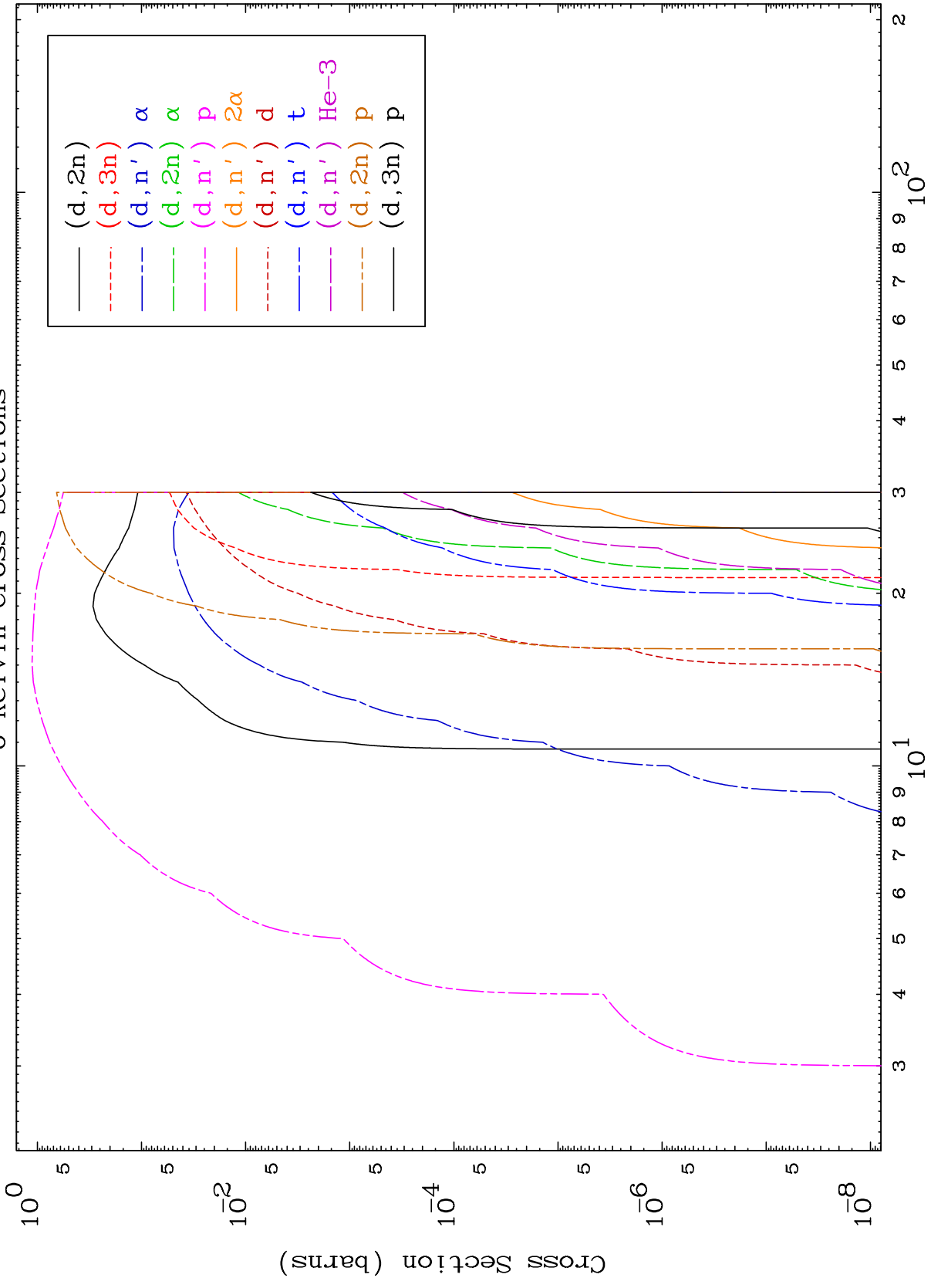
40-Zr-88



MAT 4019

Deuteron Neutron Production  
0 Kelvin Cross Sections

40-Zr-88



2

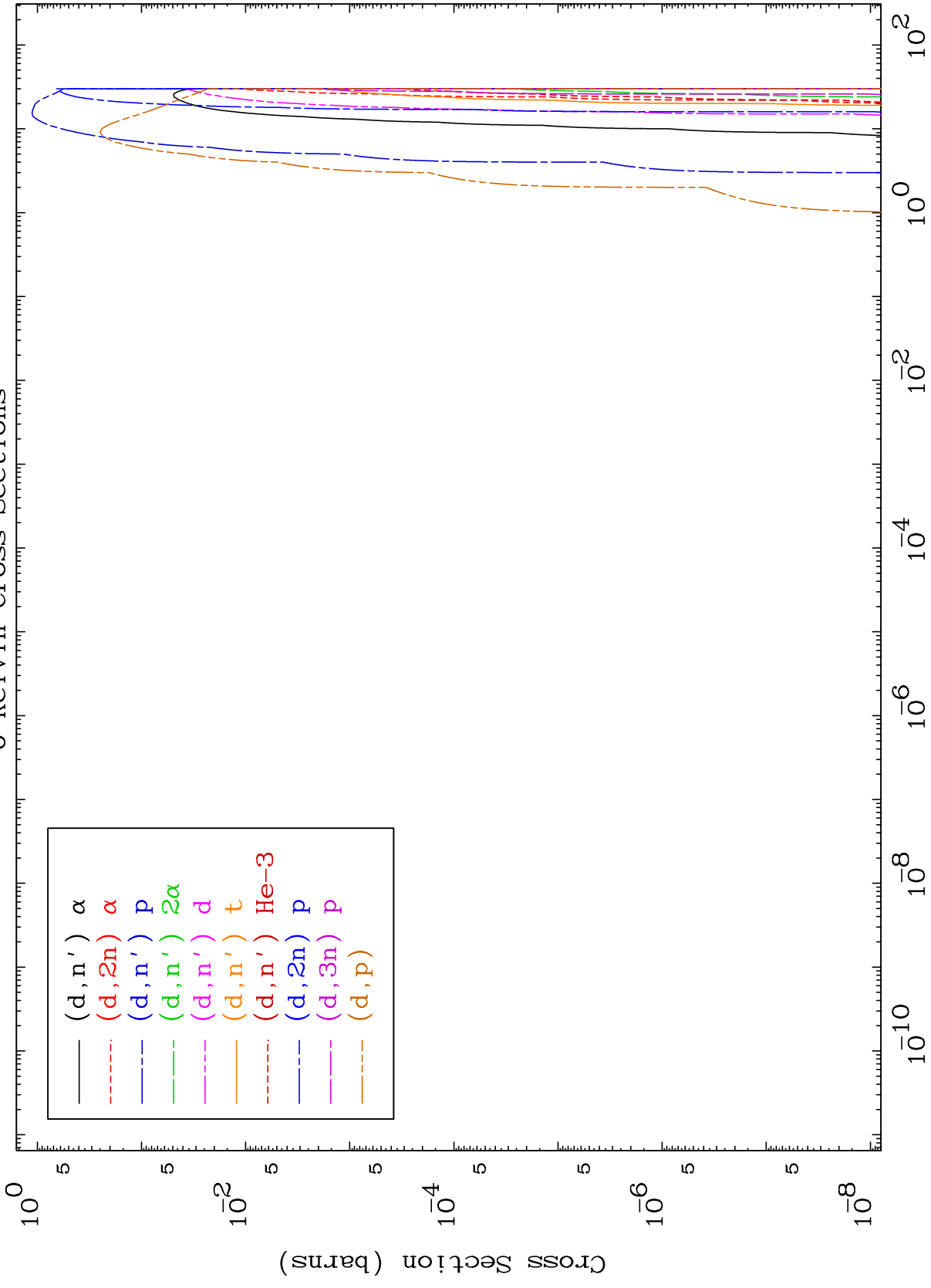
Incident Energy (MeV)

40-Zr-88

MAT 4019

Deuteron Charged Particle  
0 Kelvin Cross Sections

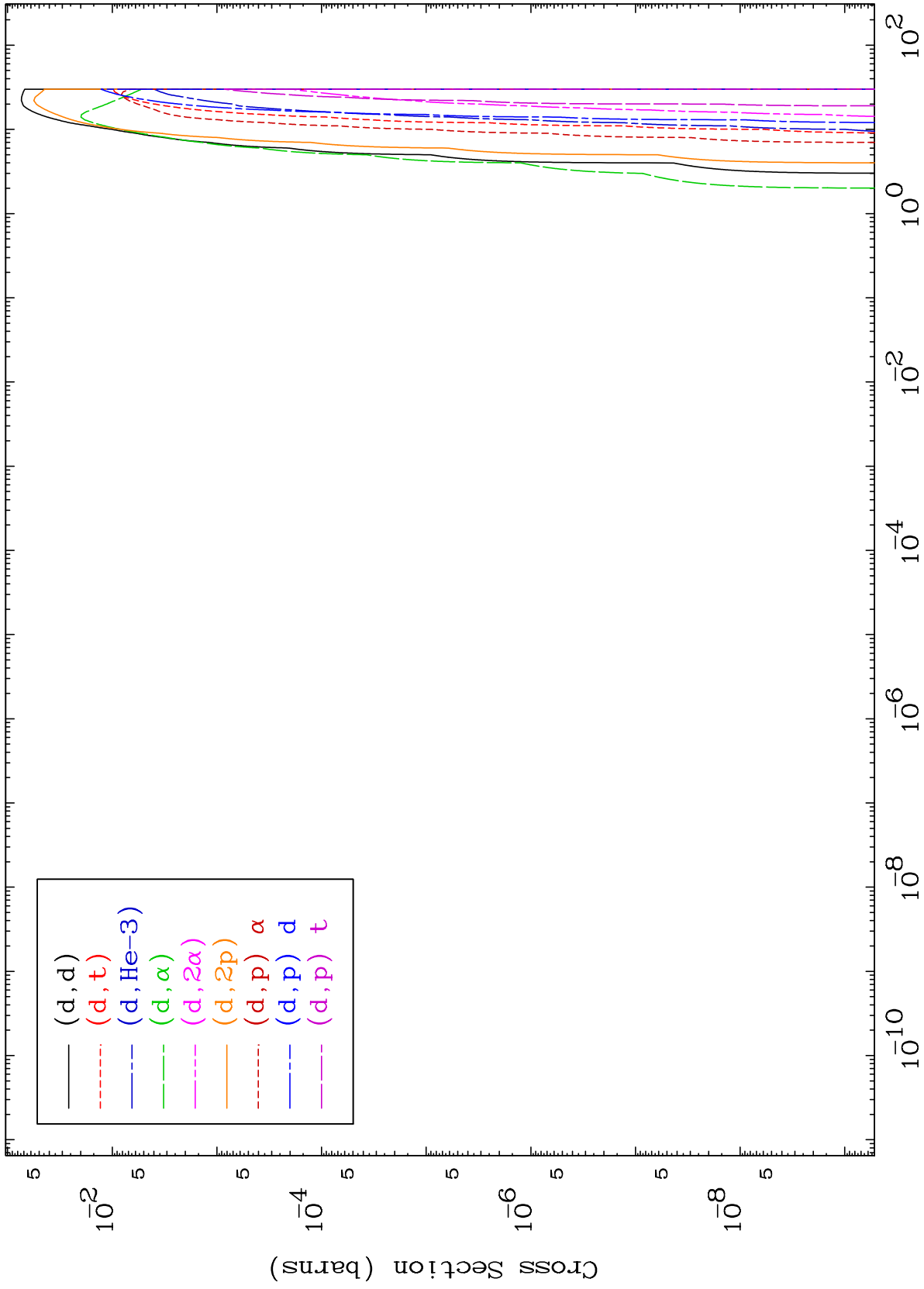
40-Zr-88



MAT 4019

Deuteron Charged Particle  
0 Kelvin Cross Sections

40-Zr-88

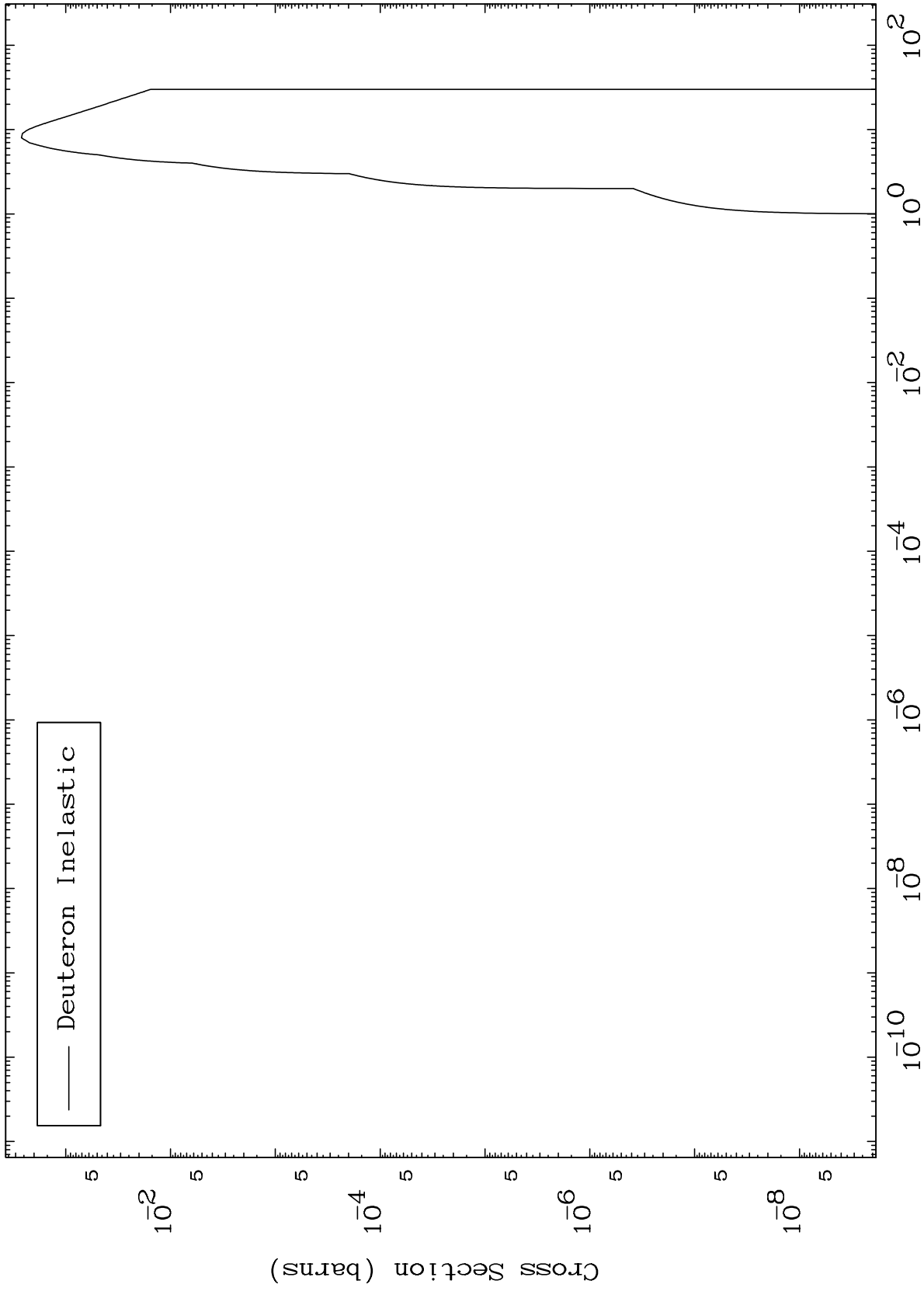


40-Zr-88

MAT 4019

(d,n') Level  
0 Kelvin Cross Sections

40-Zr-88



5

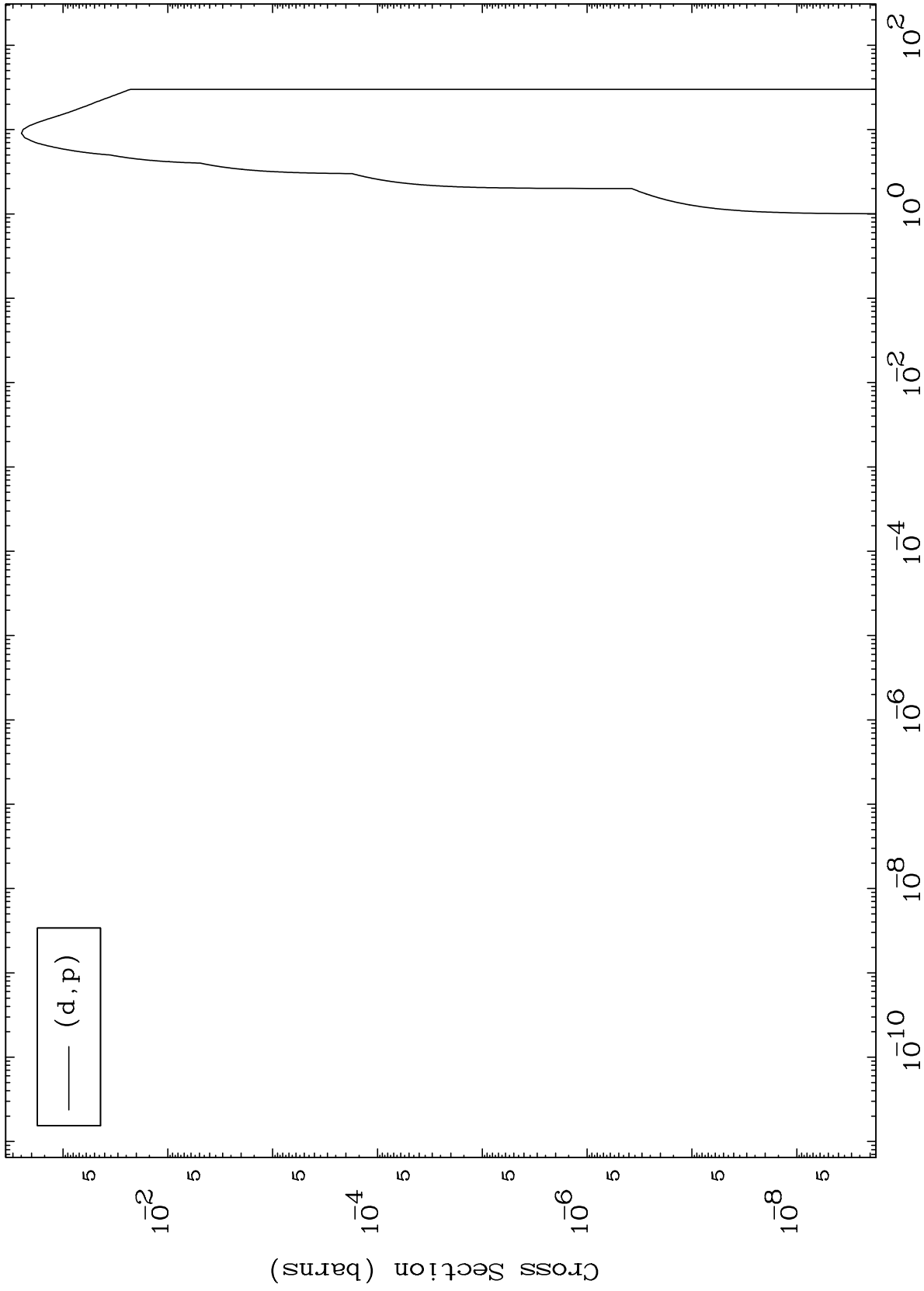
Incident Energy (MeV)

40-Zr-88

MAT 4019

(d,p) Levels  
0 Kelvin Cross Sections

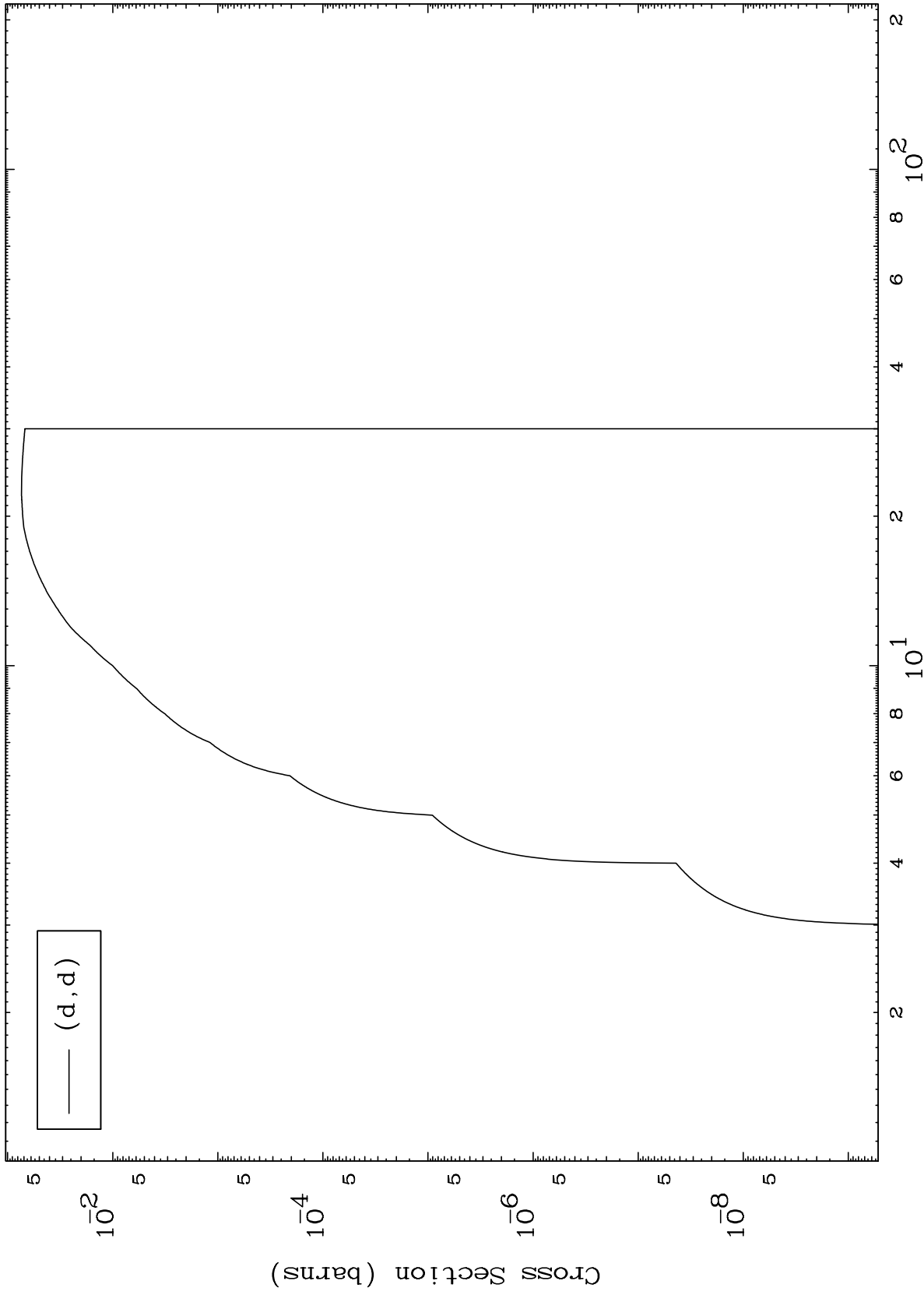
40-Zr-88



MAT 4019

(d,d) Levels  
0 Kelvin Cross Sections

40-Zr-88



7

Incident Energy (MeV)

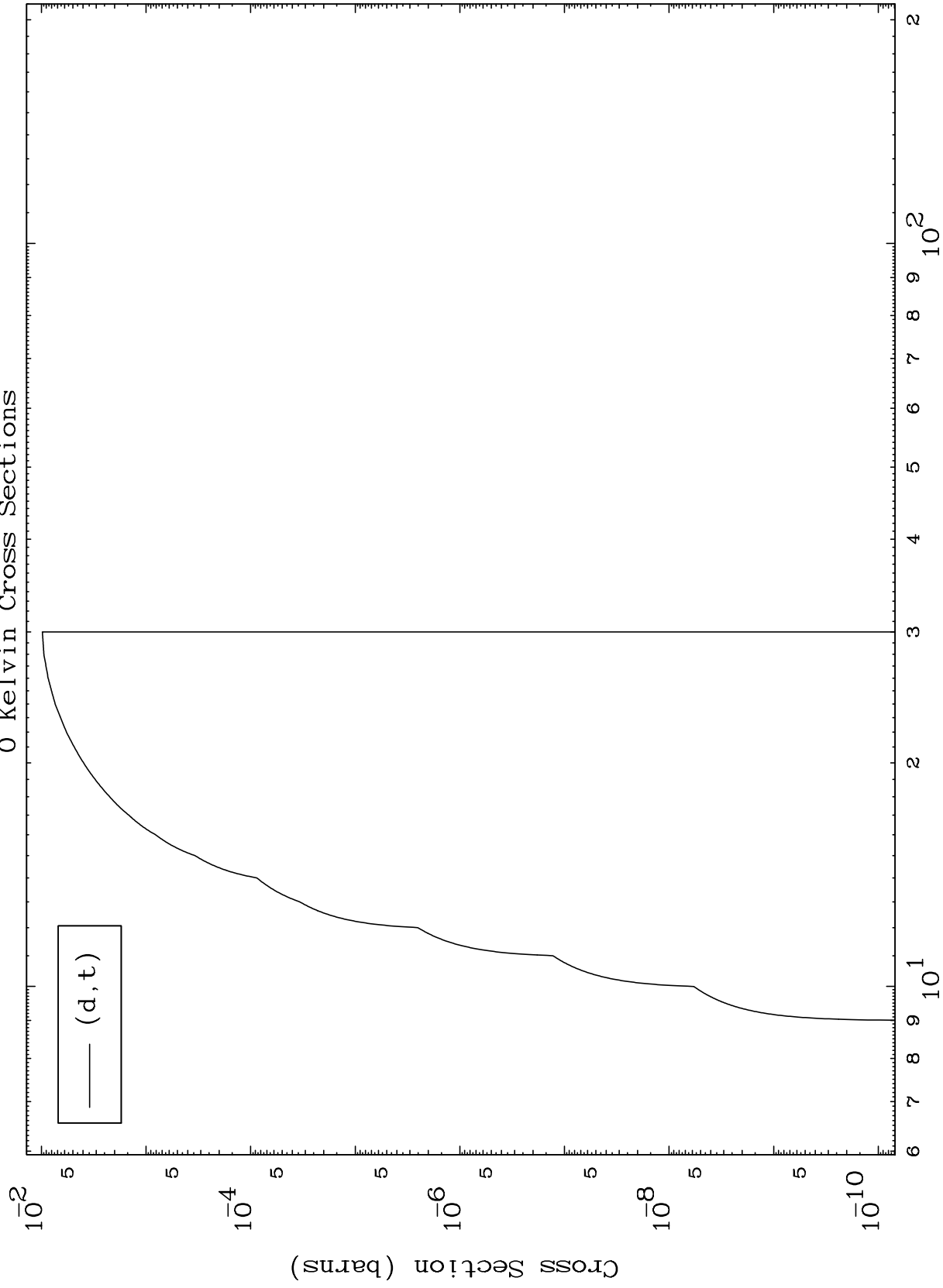
40-Zr-88



MAT 4019

(d,t) Levels  
0 Kelvin Cross Sections

40-Zr-88



8

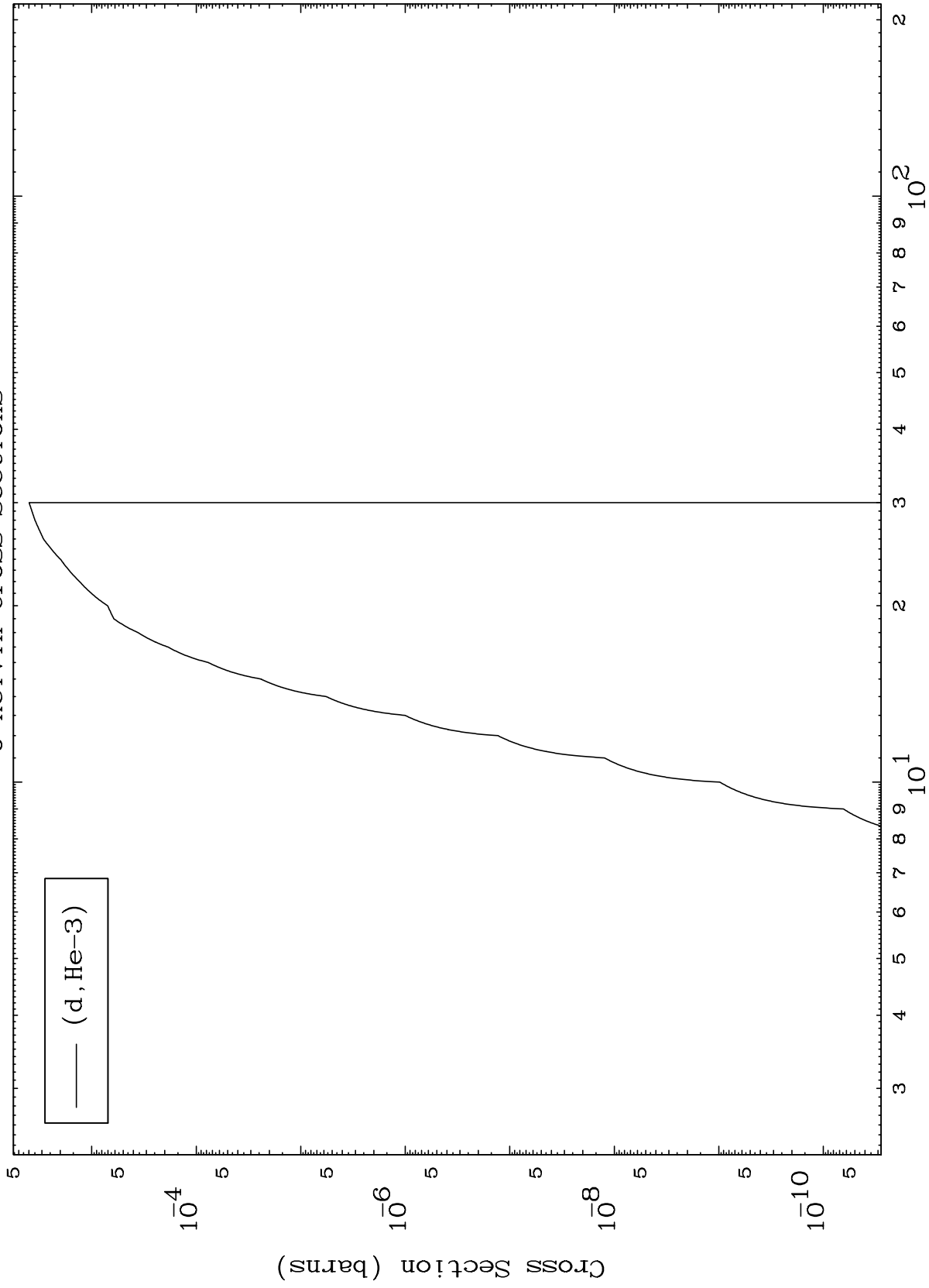
Incident Energy (MeV)

40-Zr-88

MAT 4019

(d,He3) Levels  
0 Kelvin Cross Sections

40-Zr-88



9

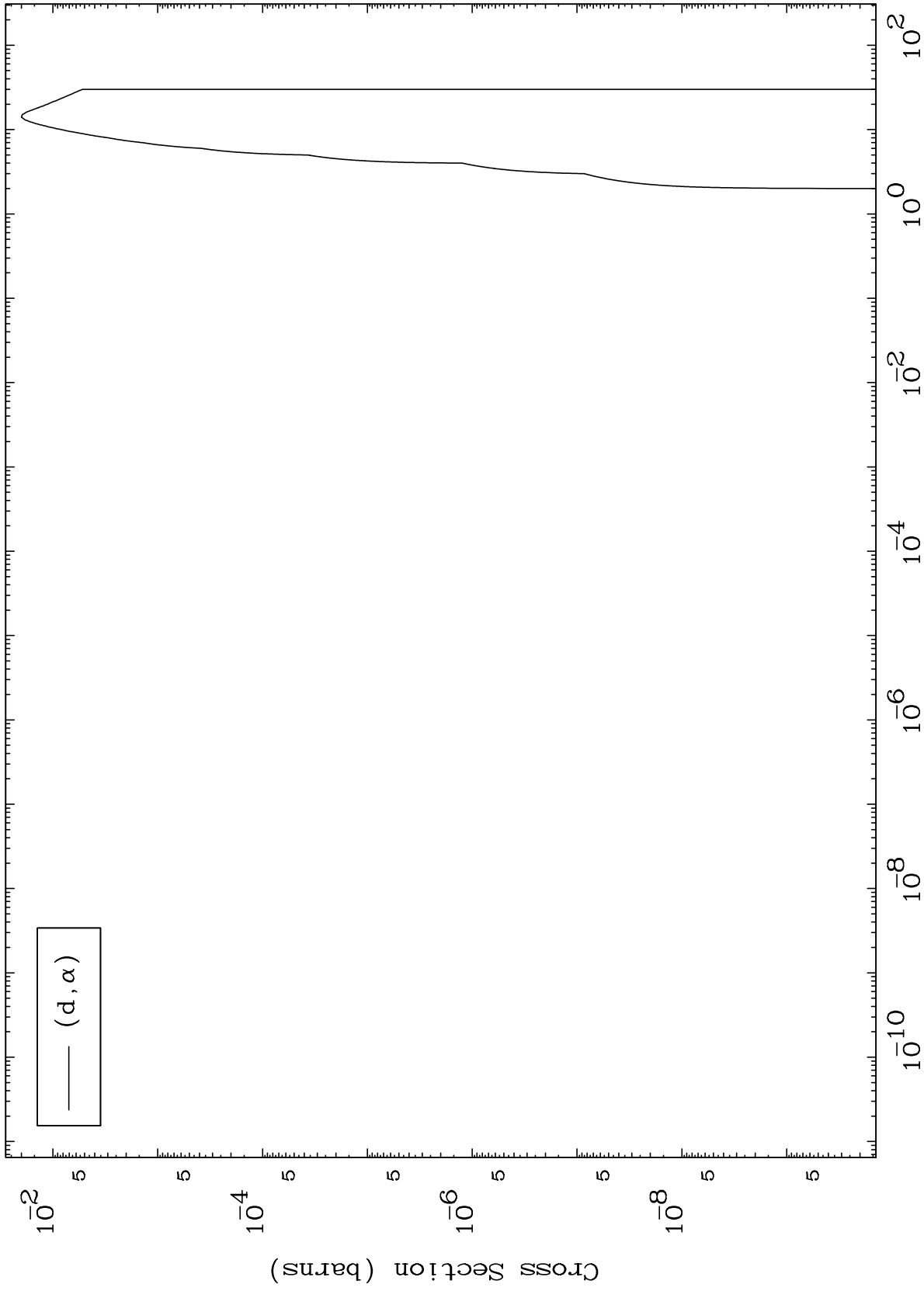
Incident Energy (MeV)

40-Zr-88

MAT 4019

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

40-Zr-88



10

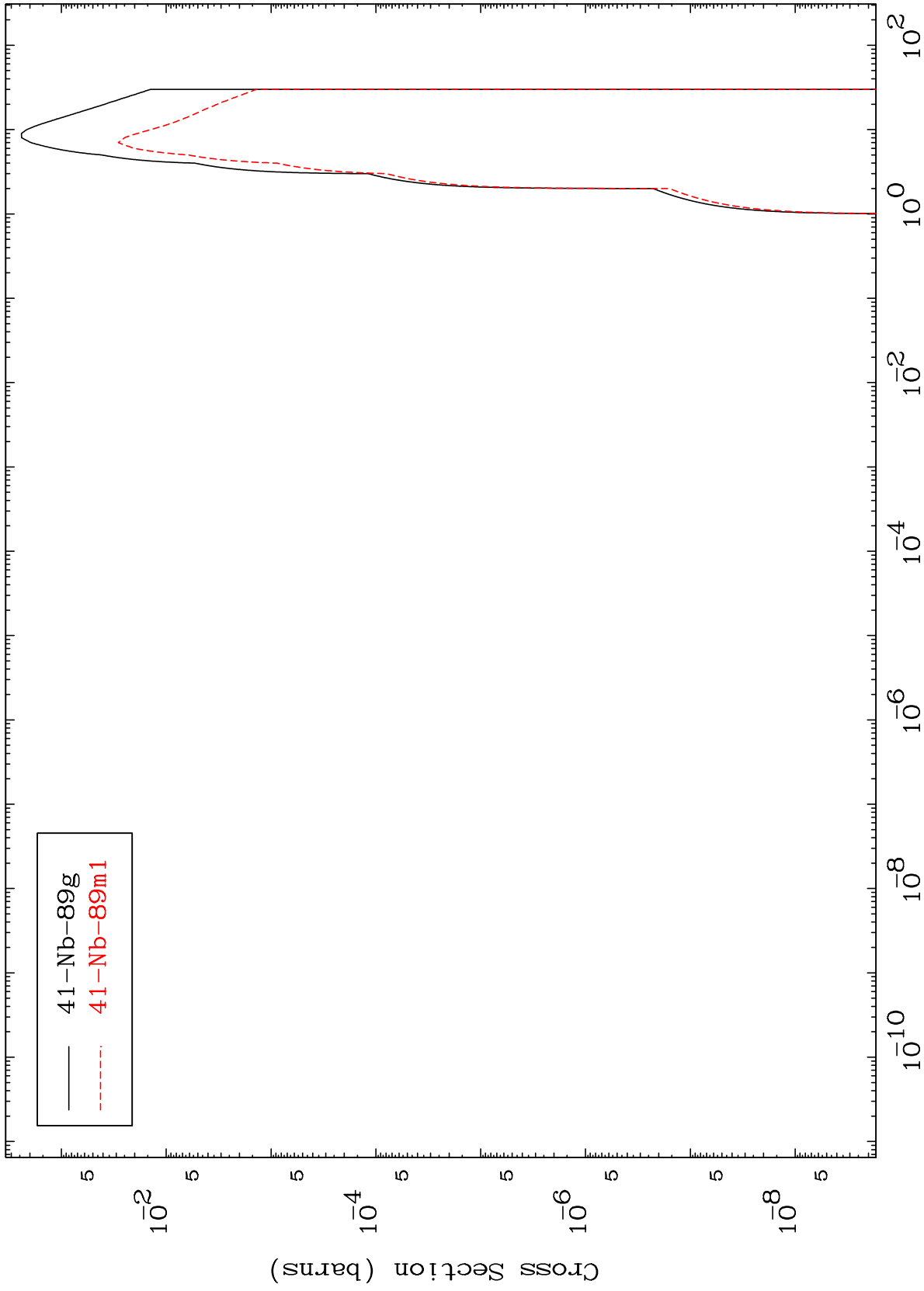
Incident Energy (MeV)

40-Zr-88

MAT 4019

Deuteron Inelastic  
Radionuclide Production Cross Section

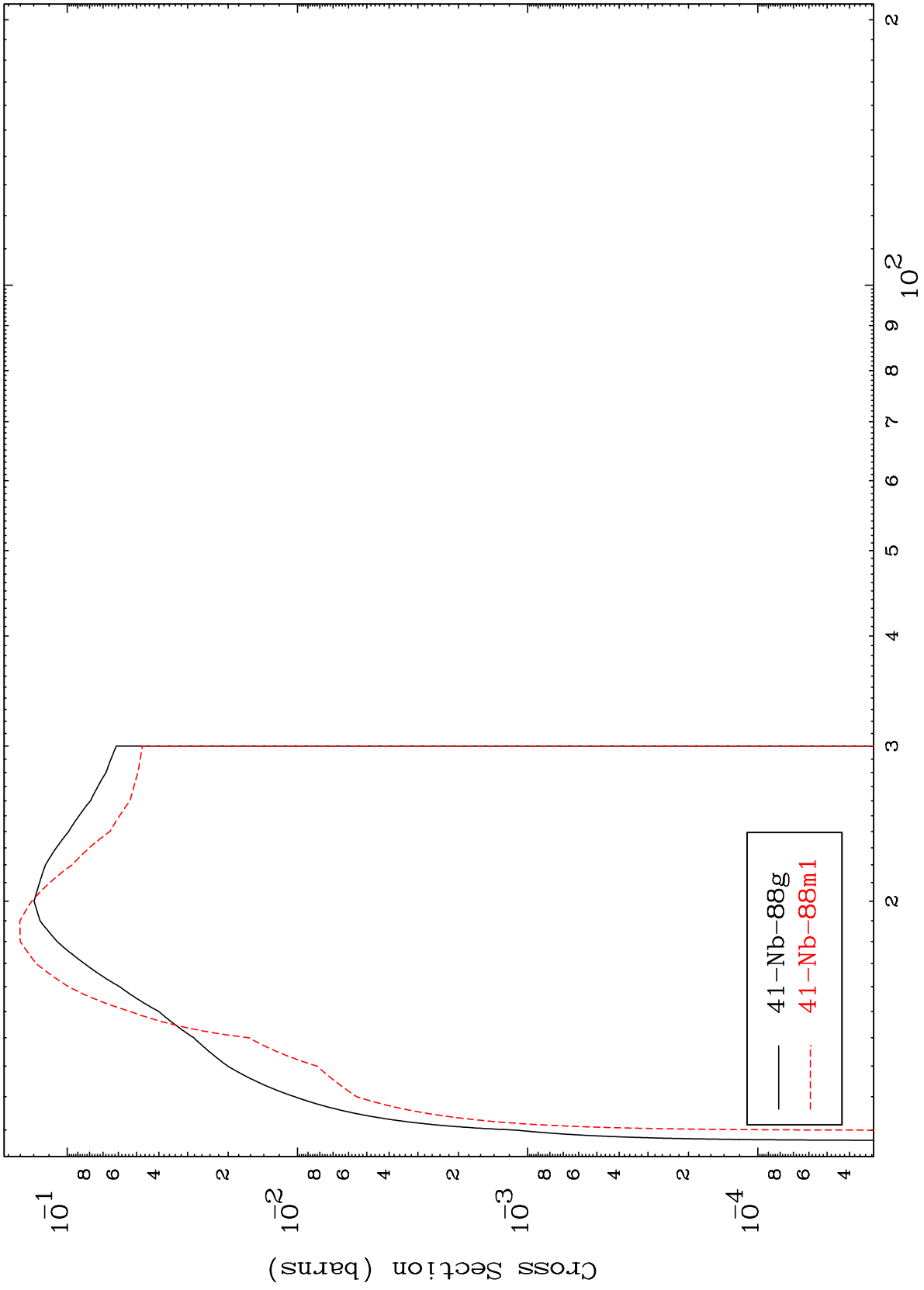
40-Zr-88



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40-Zr-88

Radionuclide Production Cross Section  
(d,2n)



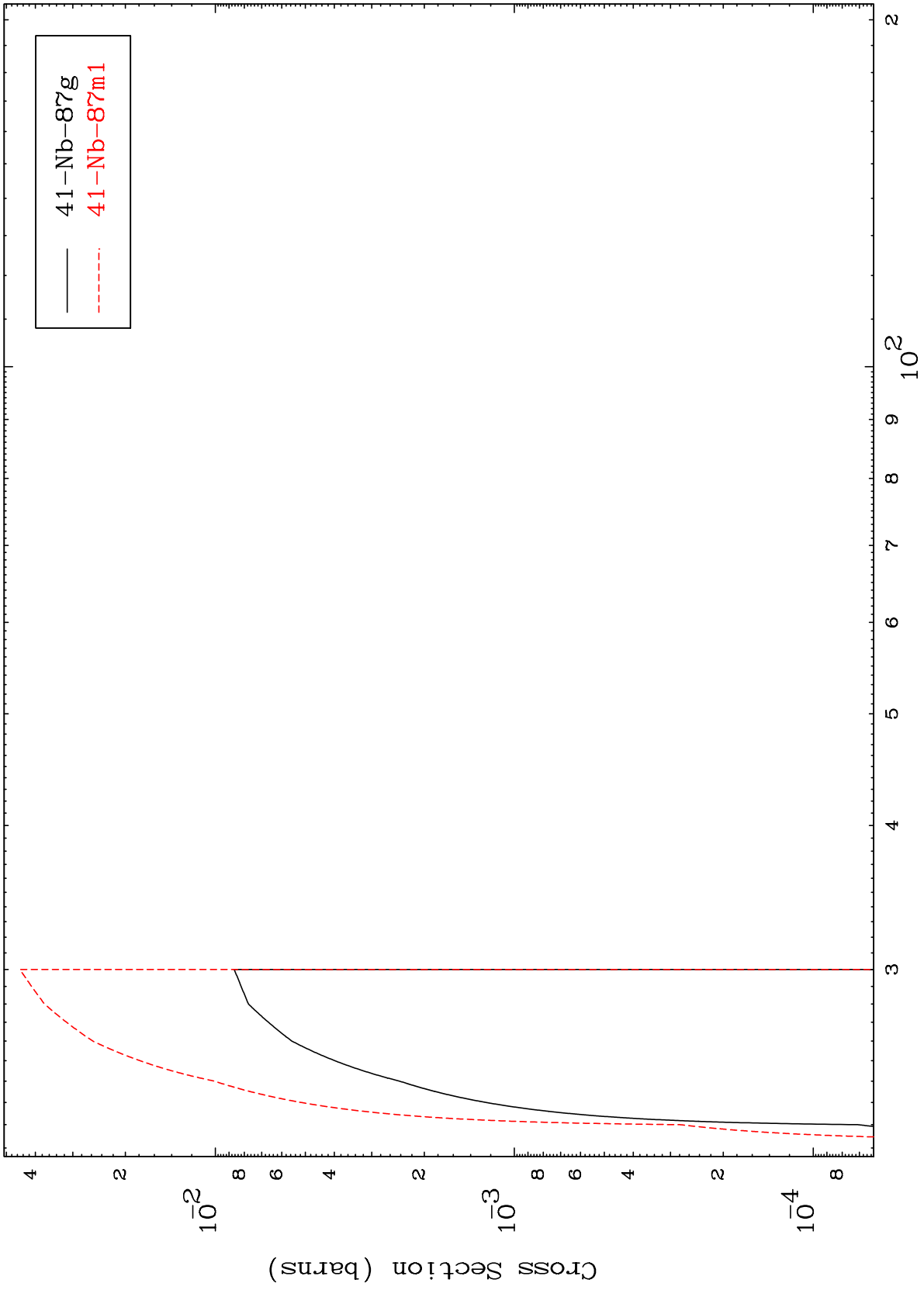
12

40-Zr-88

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40-Zr-88

(d,3n)  
Radionuclide Production Cross Section



41-Nb-87g  
41-Nb-87m1

13

40-Zr-88

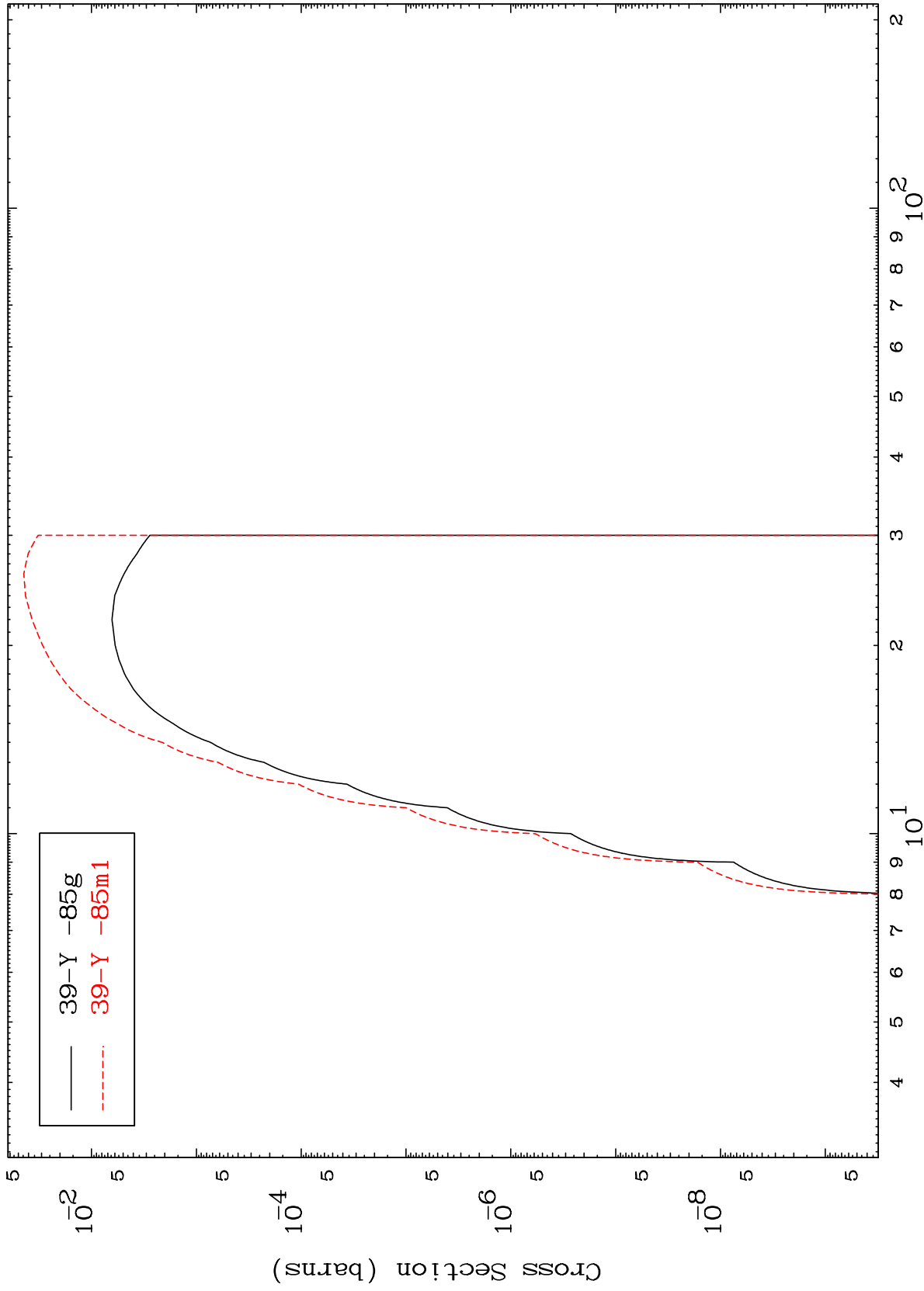
Incident Energy (MeV)

MAT 4019

(d,n')  $\alpha$

40-Zr-88

Radionuclide Production Cross Section

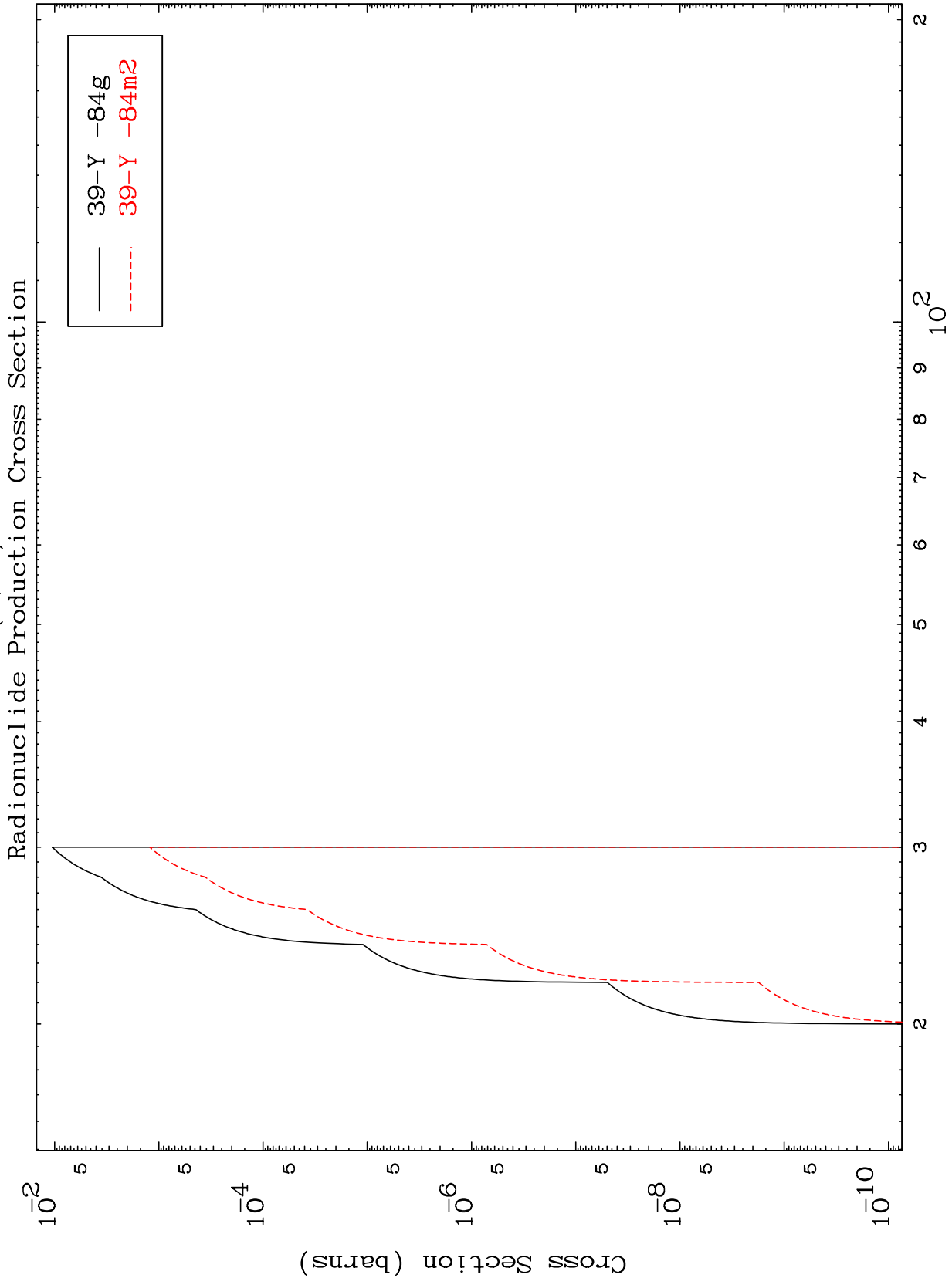


Legend:  
— 39-Y -85g  
- - - 39-Y -85m1

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(d,2n)  $\alpha$

40-Zr-88



15

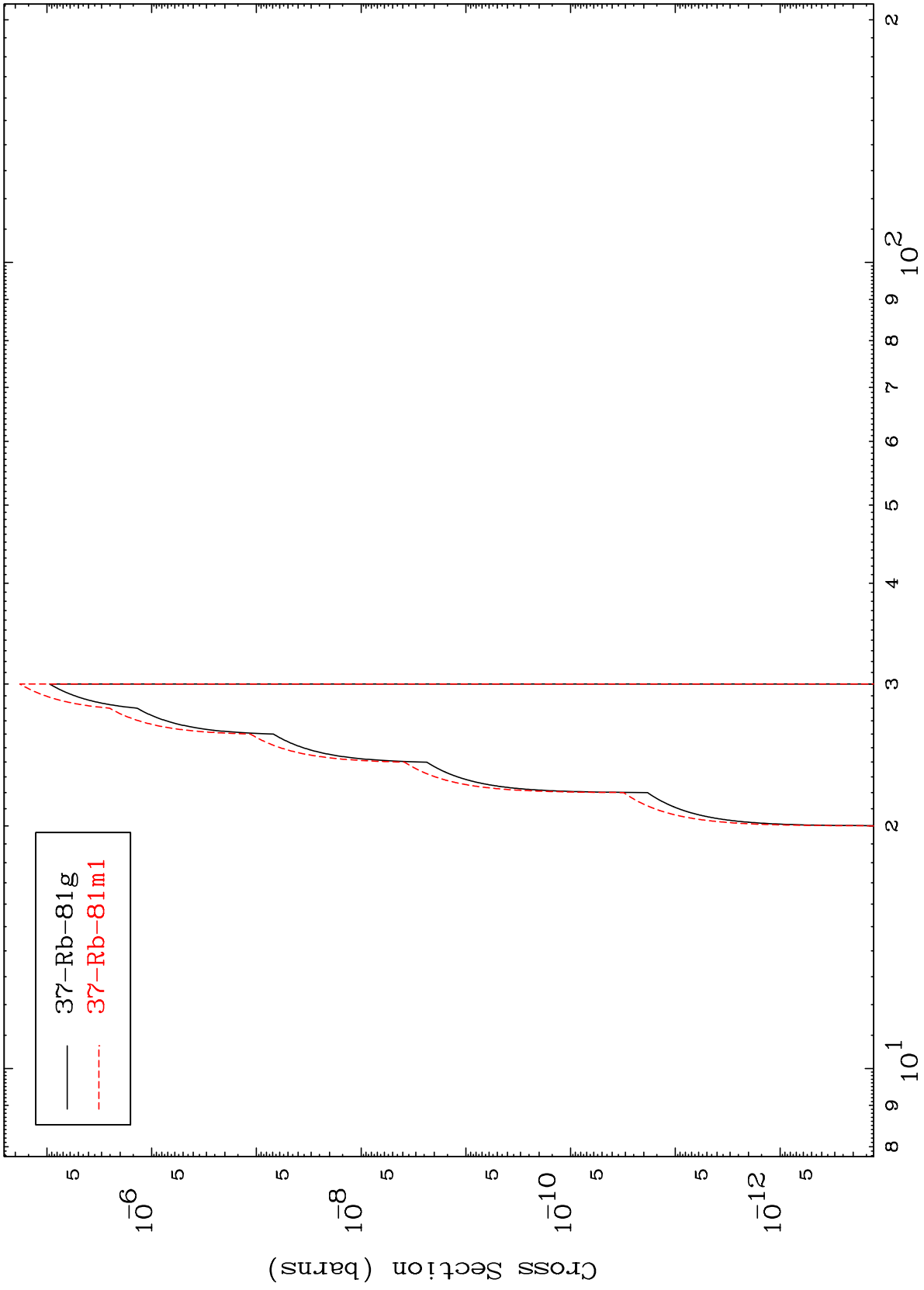
40-Zr-88



MAT 4019

40-Zr-88

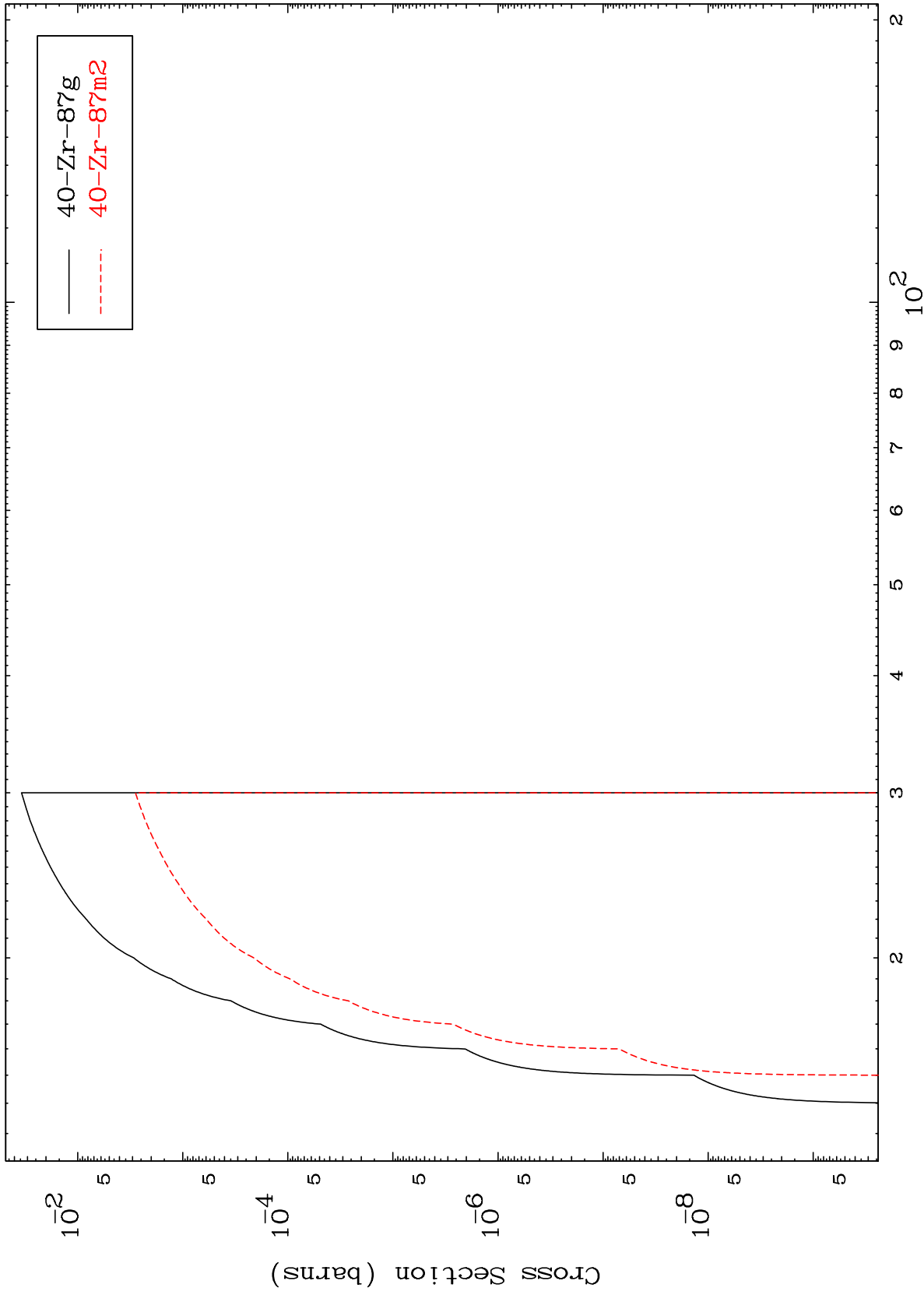
(d,n') 2 $\alpha$   
Radionuclide Production Cross Section



16

40-Zr-88

Radionuclide Production Cross Section

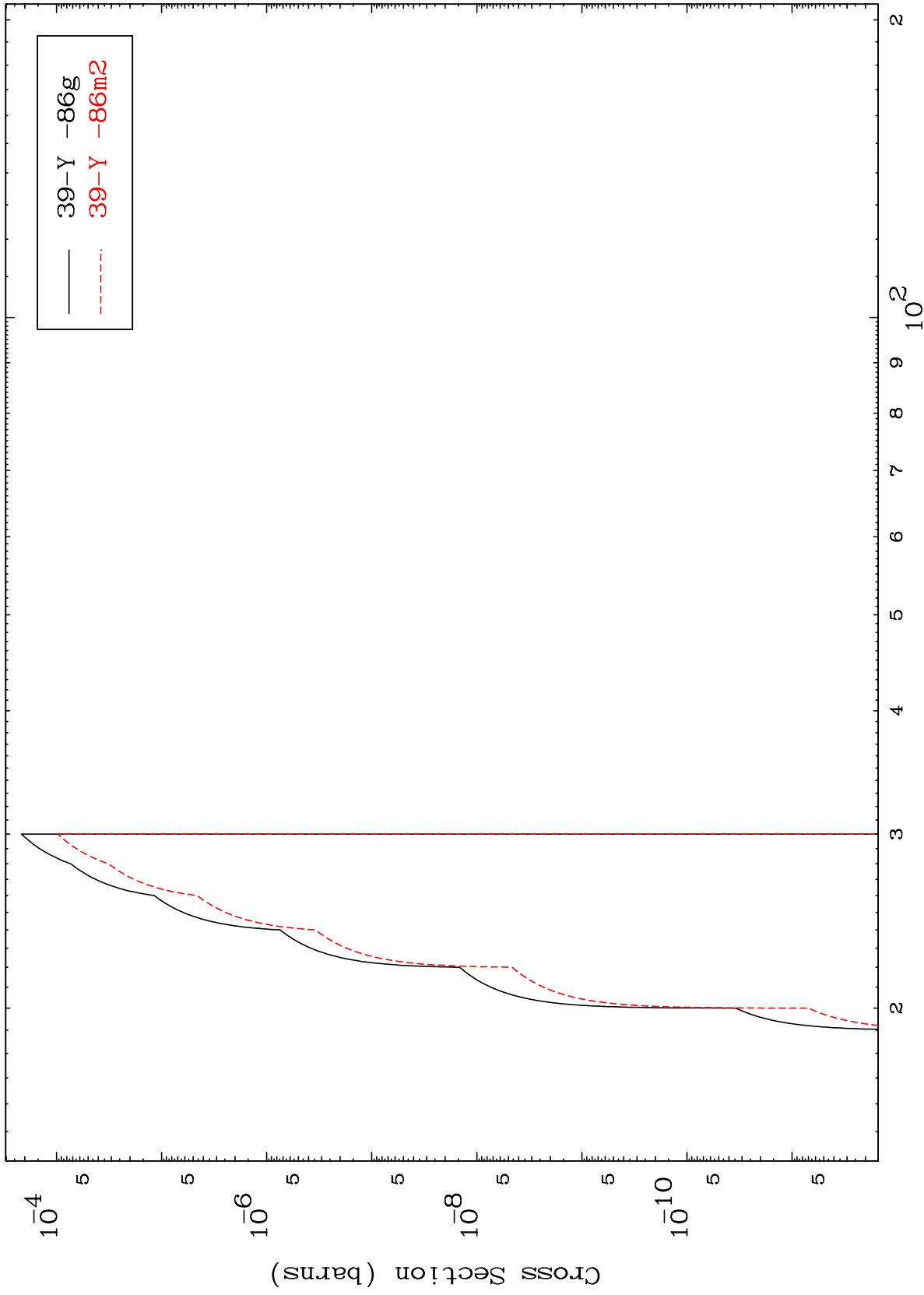


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(d, n') He-3

40-Zr-88

Radionuclide Production Cross Section



18

Incident Energy (MeV)

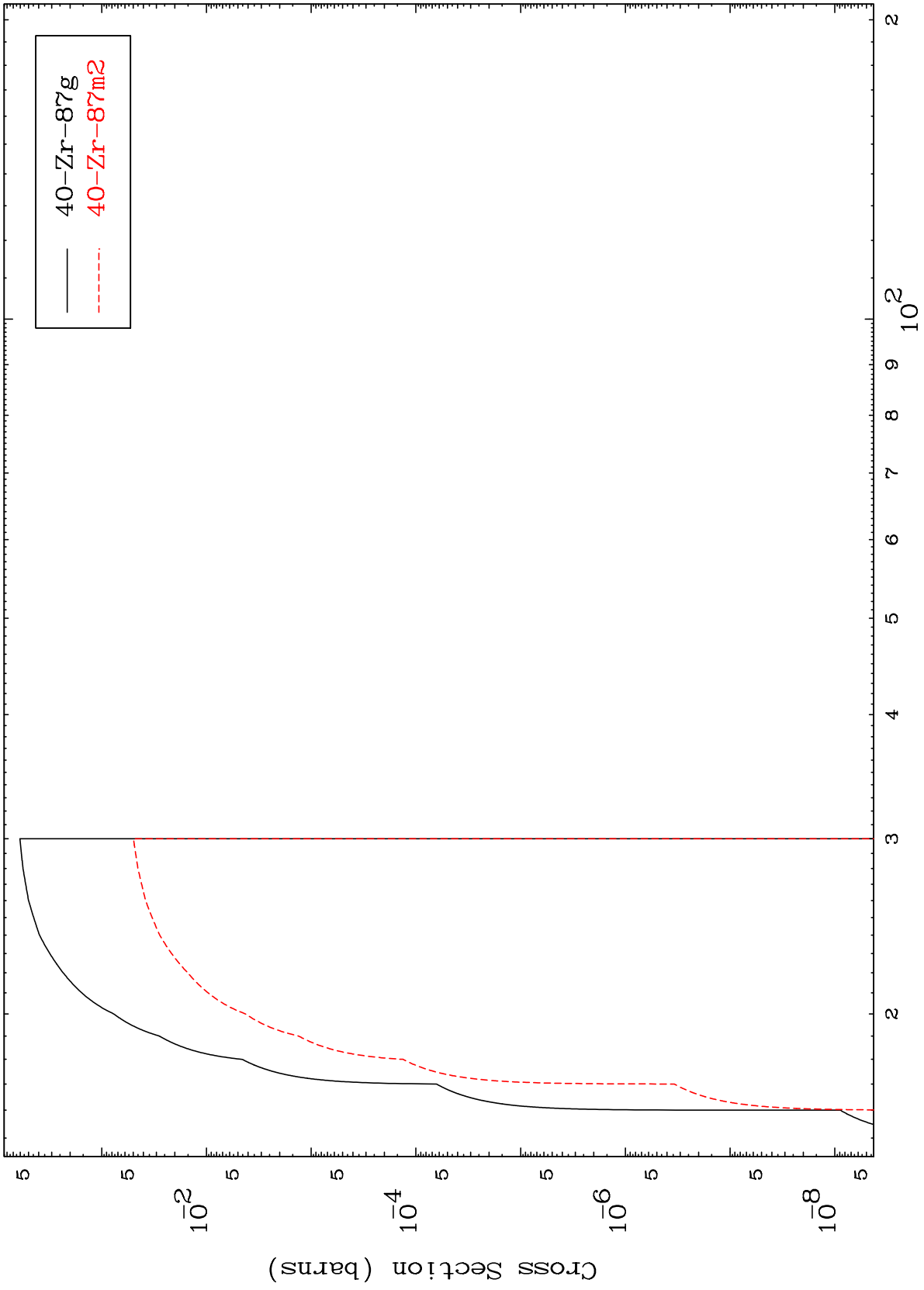
40-Zr-88

MAT 4019

(d,2n) p

40-Zr-88

Radionuclide Production Cross Section



19

Incident Energy (MeV)

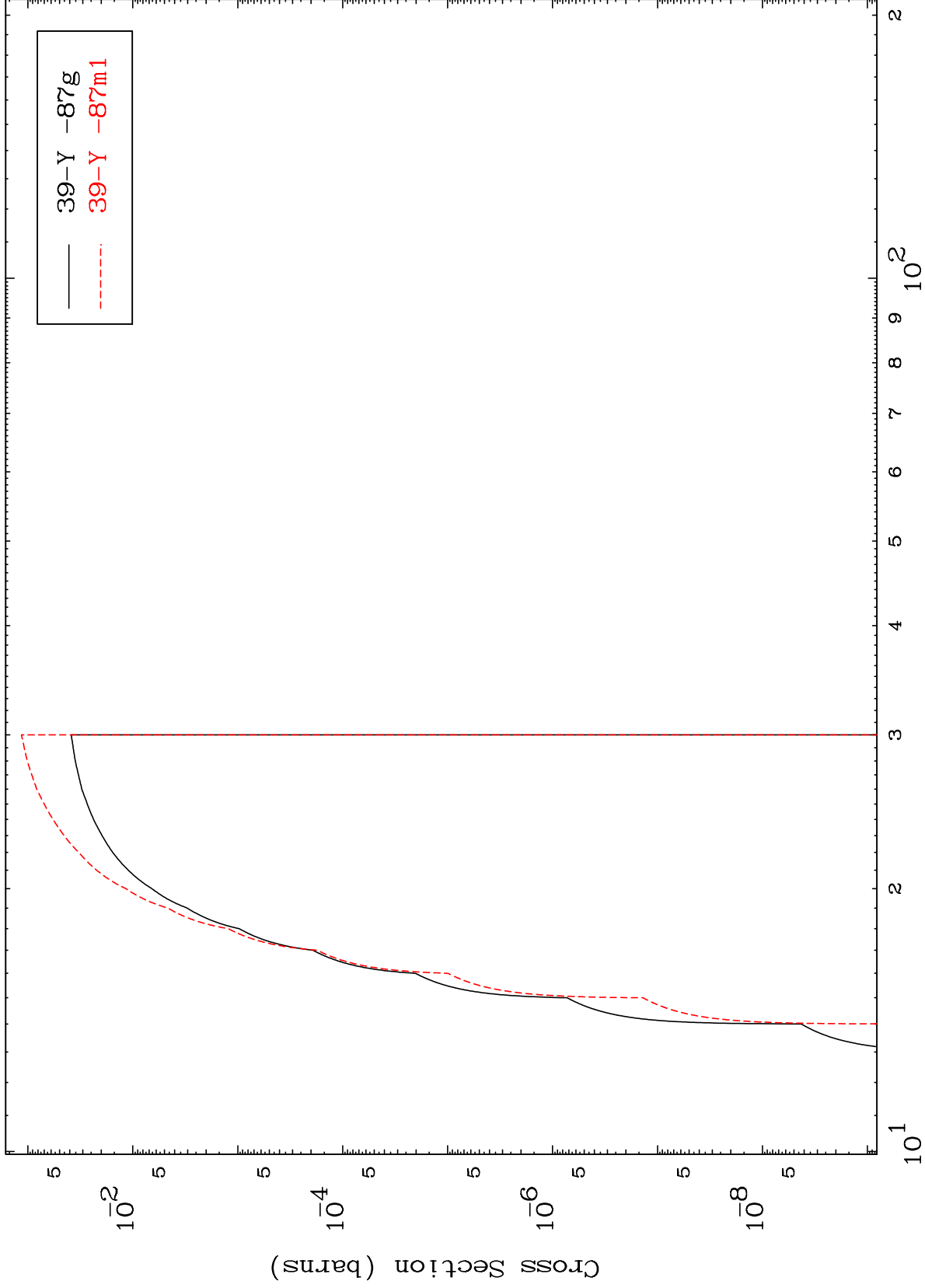
40-Zr-88

MAT 4019

(d,2n) p

40-Zr-88

Radionuclide Production Cross Section



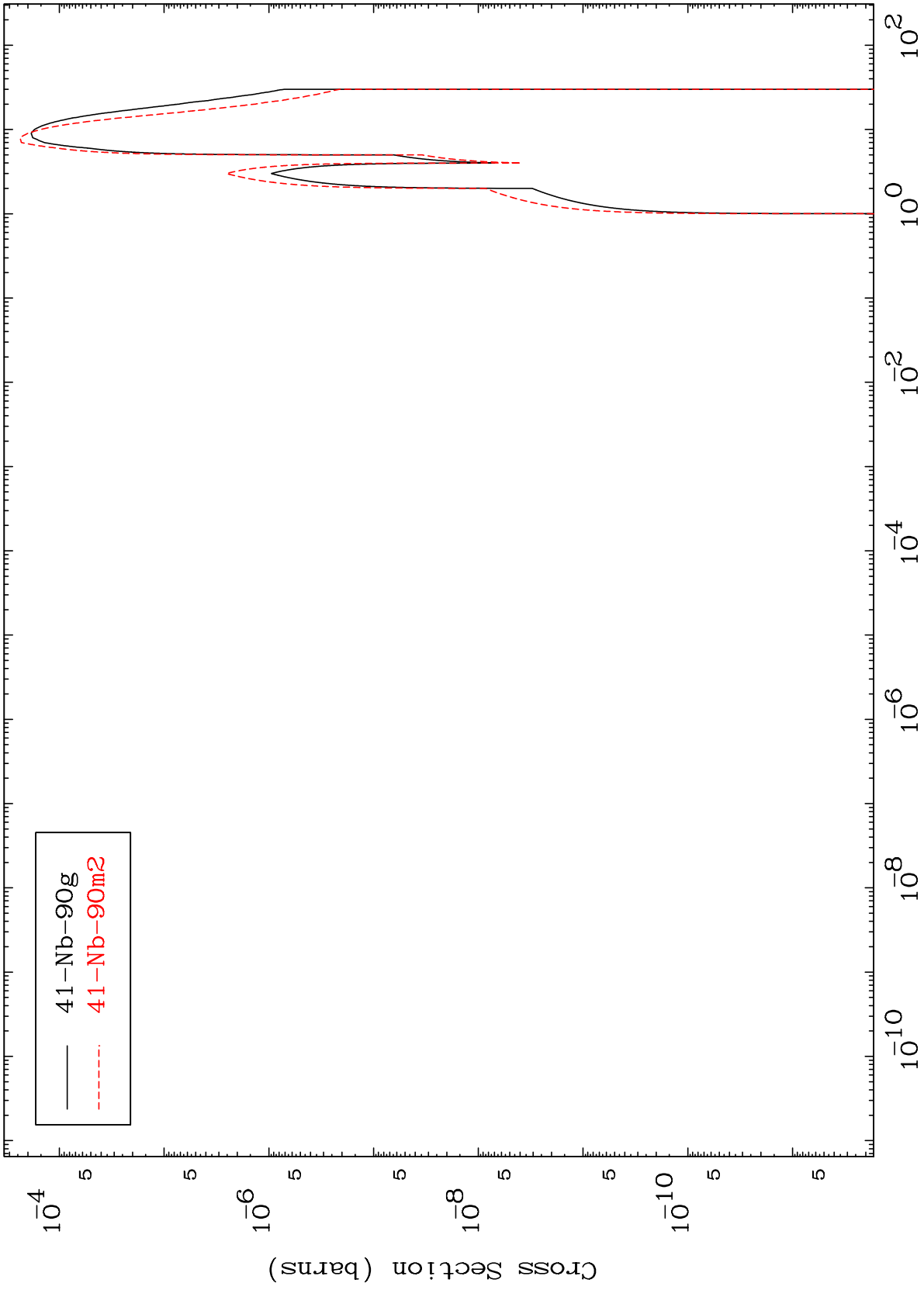
Incident Energy (MeV)

40-Zr-88

MAT 4019

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

40-Zr-88

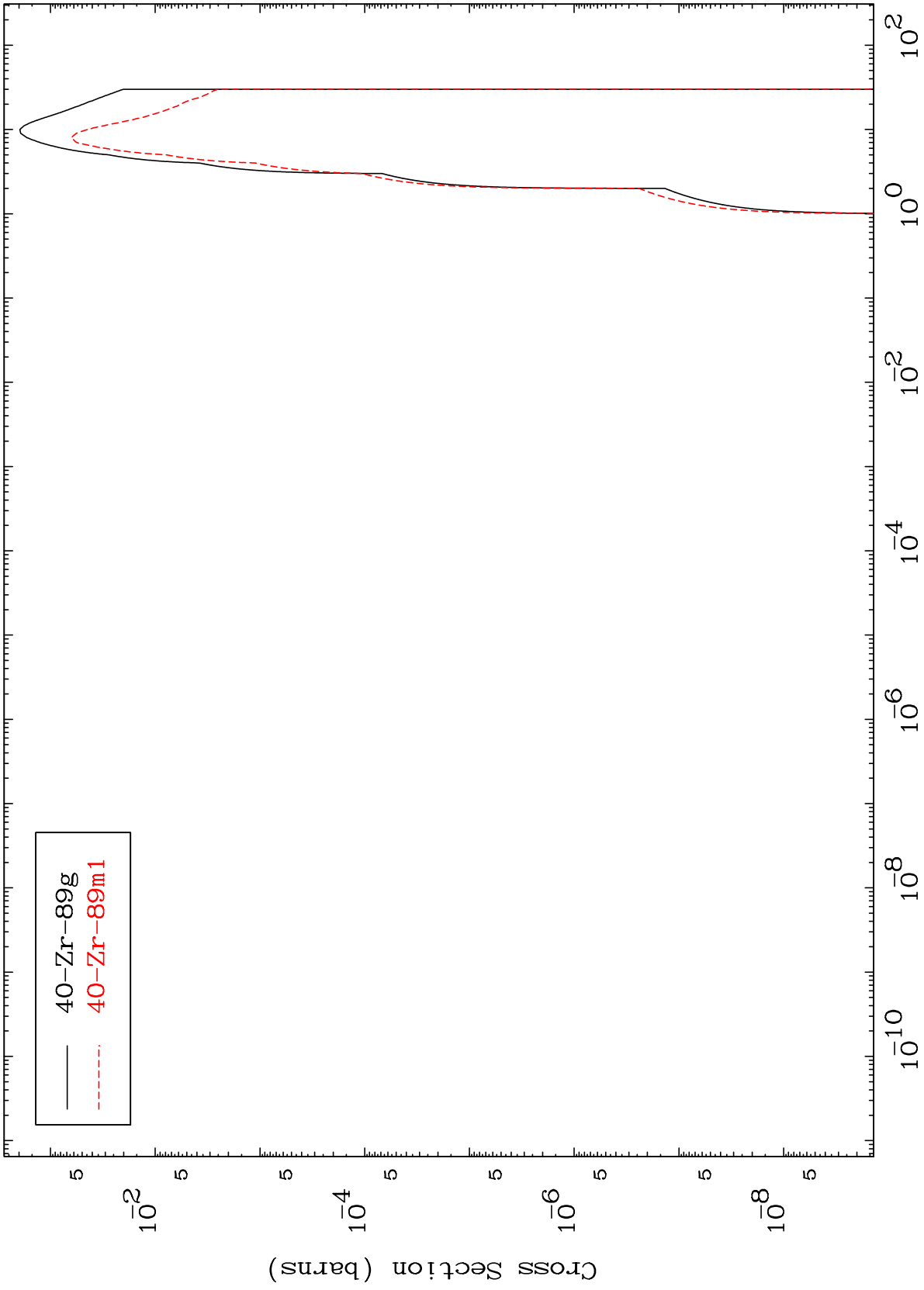


40-Zr-88

MAT 4019

(d,p)  
Radionuclide Production Cross Section

40-Zr-88



22

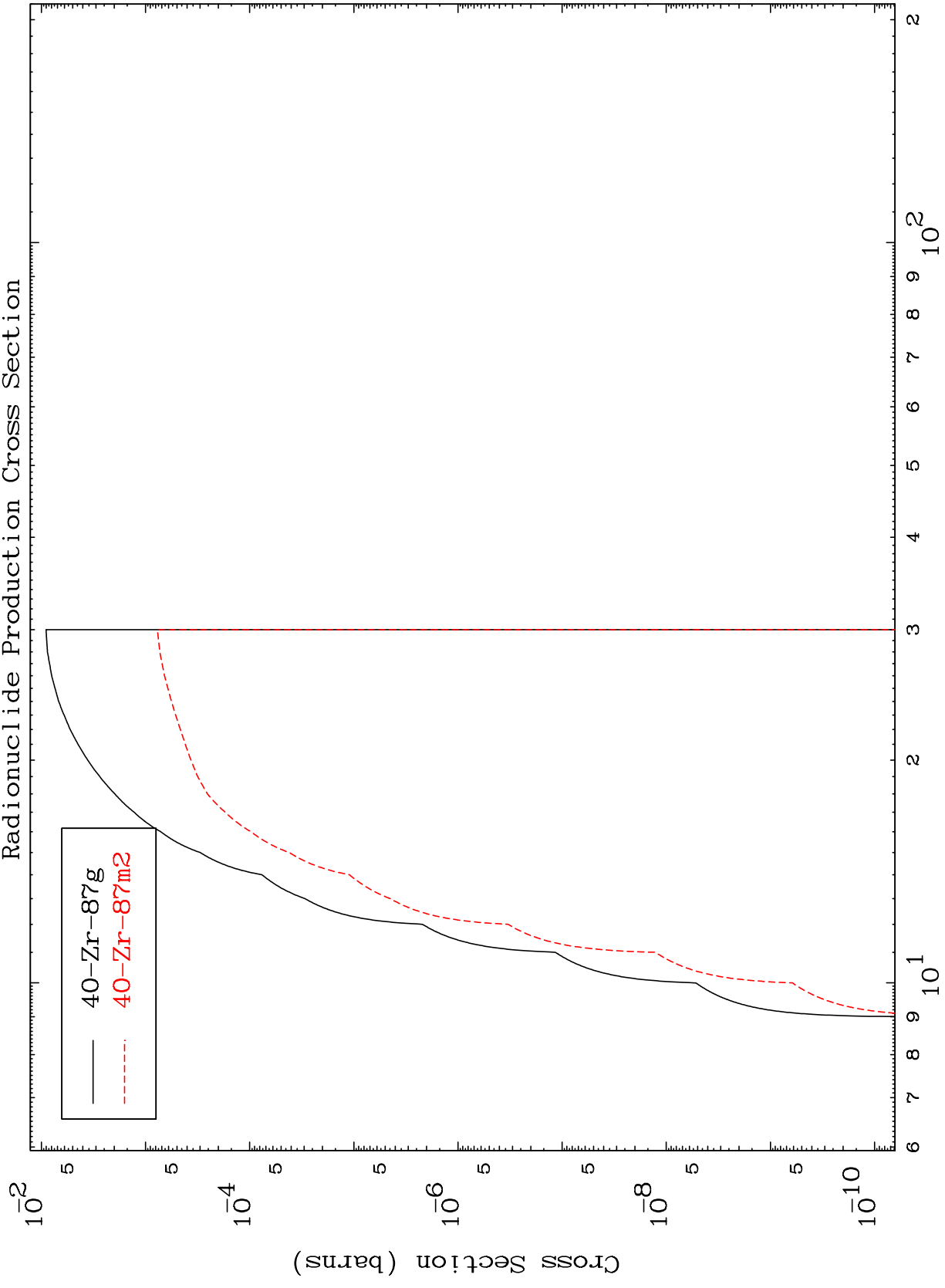
Incident Energy (MeV)

40-Zr-88

MAT 4019

40-Zr-88

Radionuclide Production Cross Section  
(d, t)



40-Zr-87g  
40-Zr-87m2

23

40-Zr-88

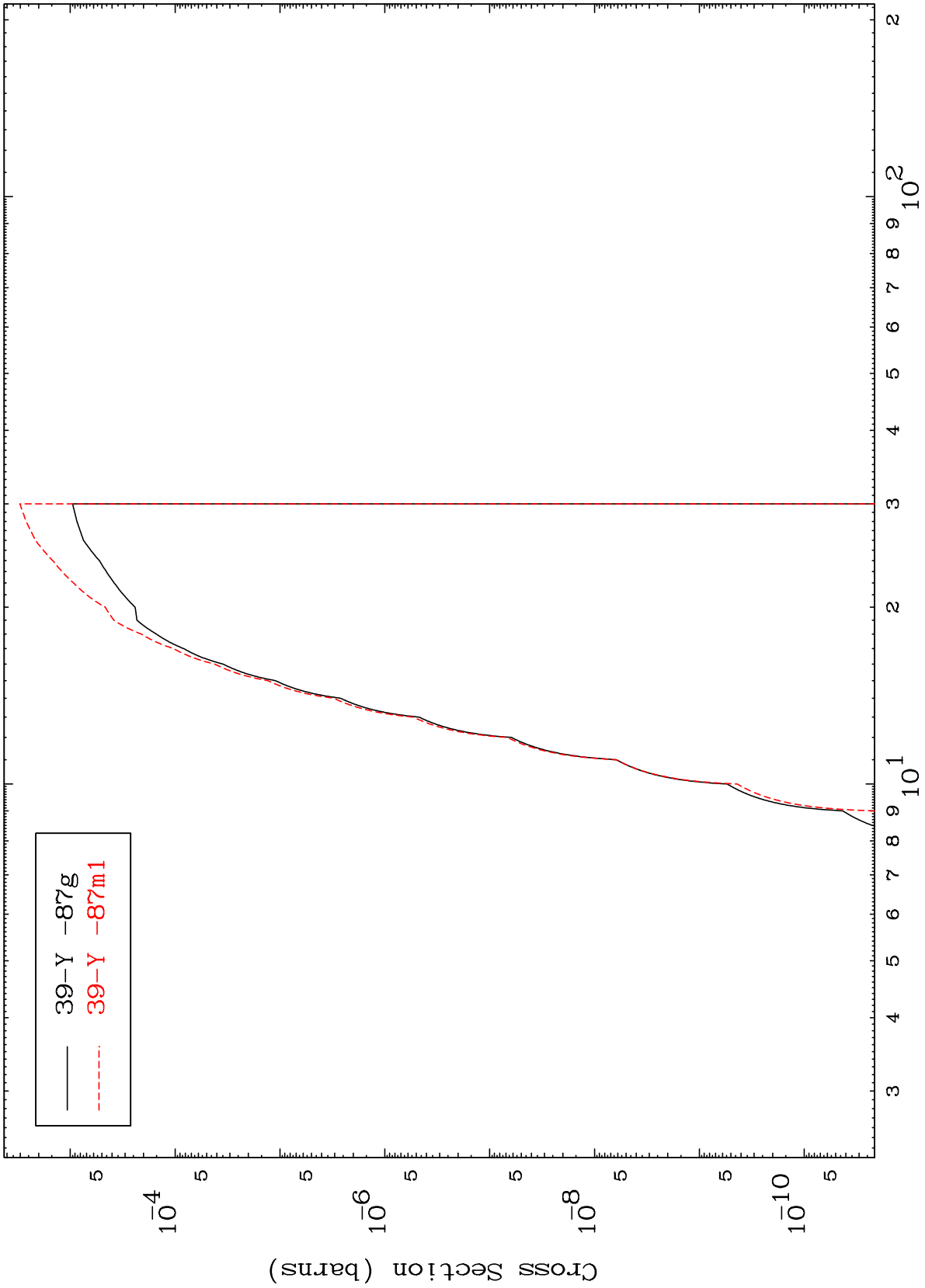


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(d,He-3)

40-Zr-88

Radionuclide Production Cross Section



39-Y -87g  
39-Y -87m1

24

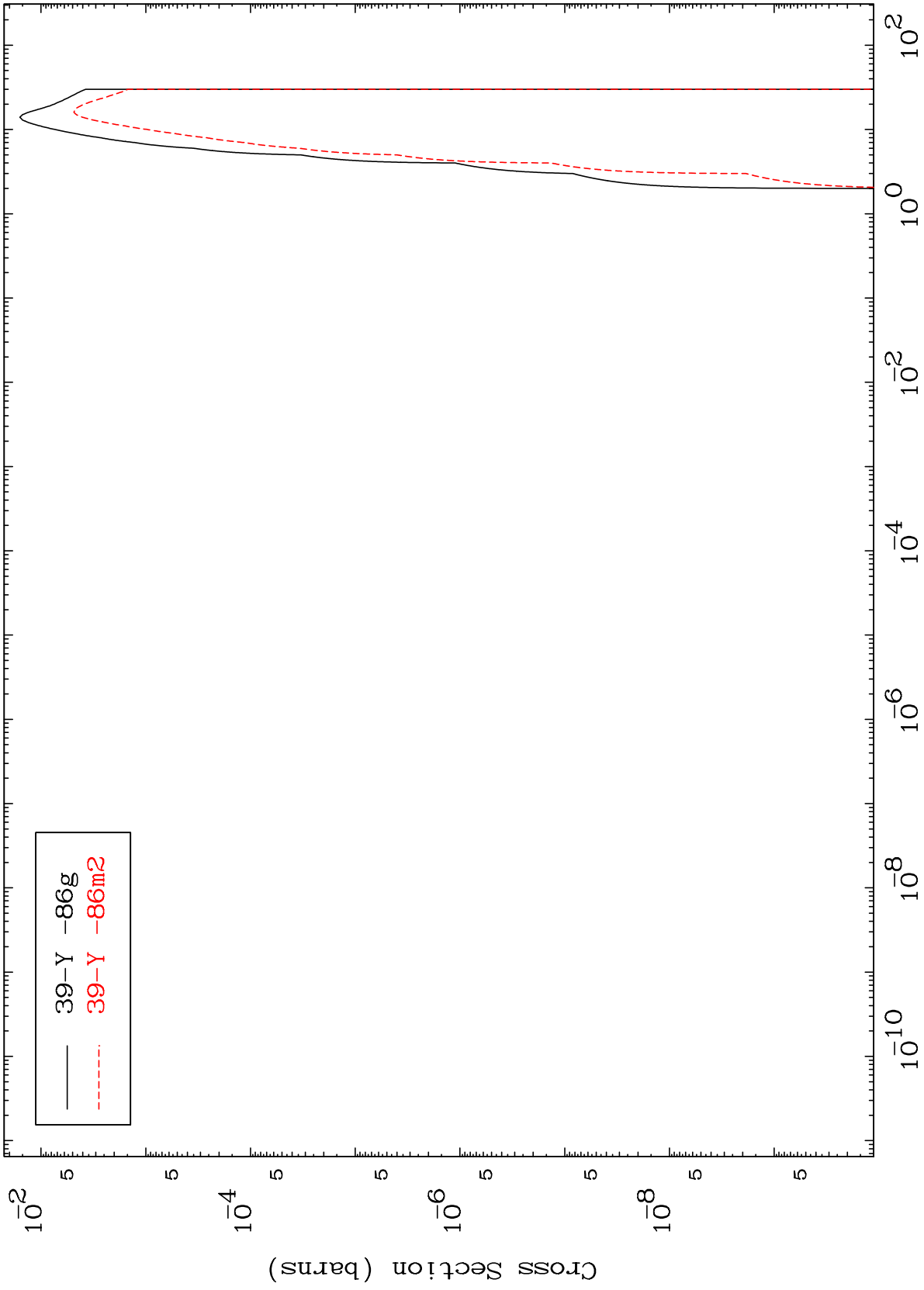
Incident Energy (MeV)

40-Zr-88

MAT 4019

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

40-Zr-88



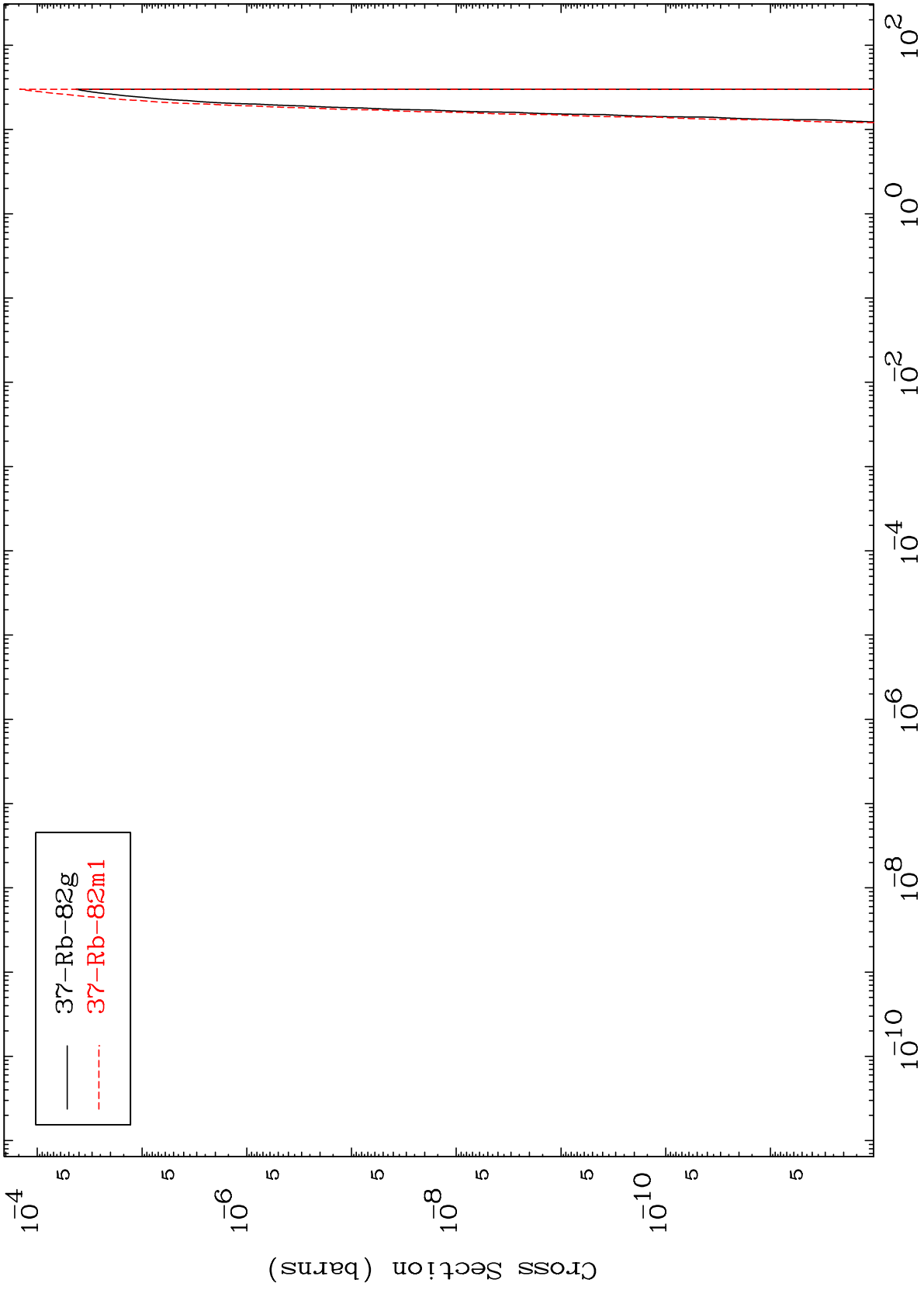
— 39-Y -86g  
- - - 39-Y -86m2

40-Zr-88

MAT 4019

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

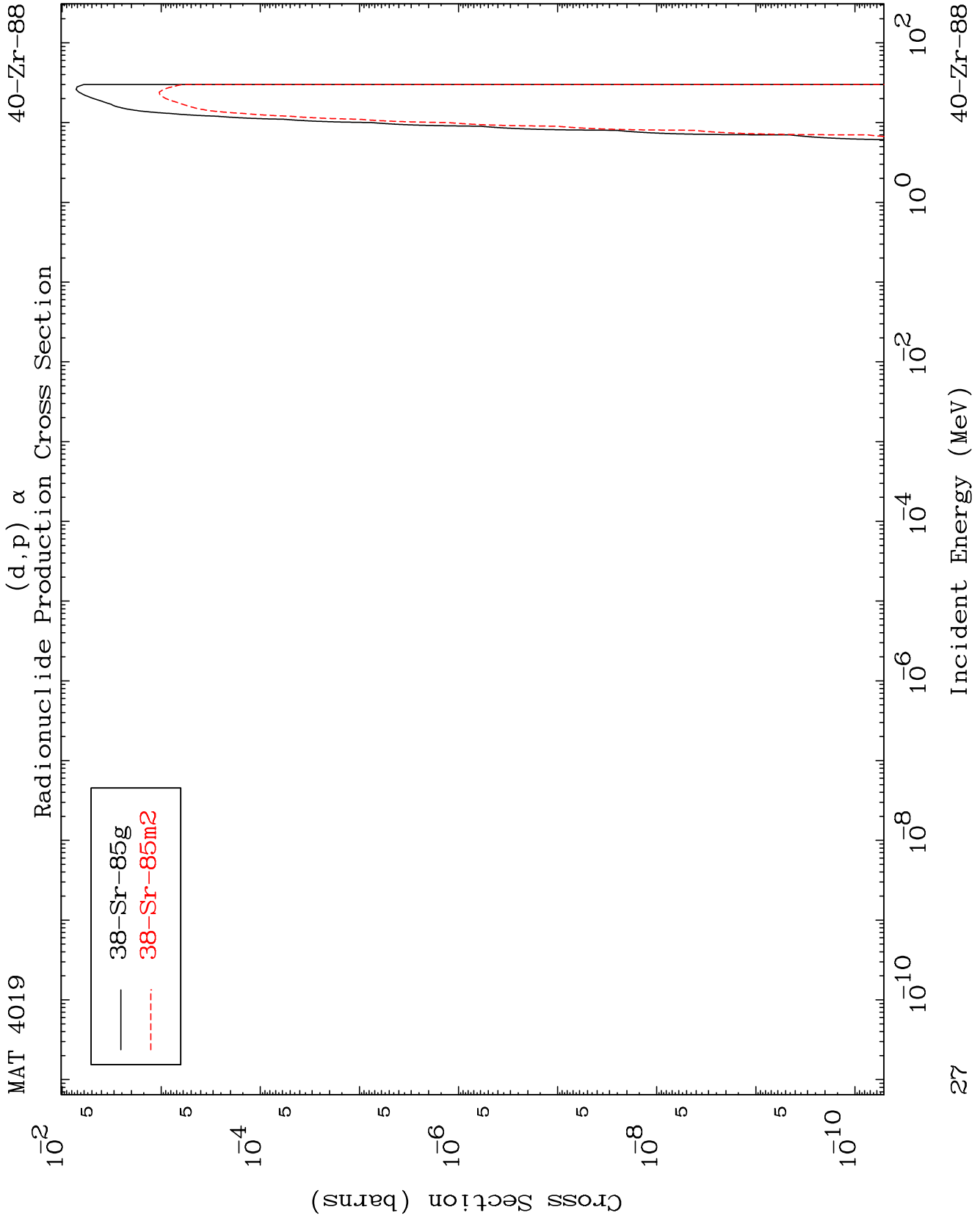
40-Zr-88



26

Incident Energy (MeV)

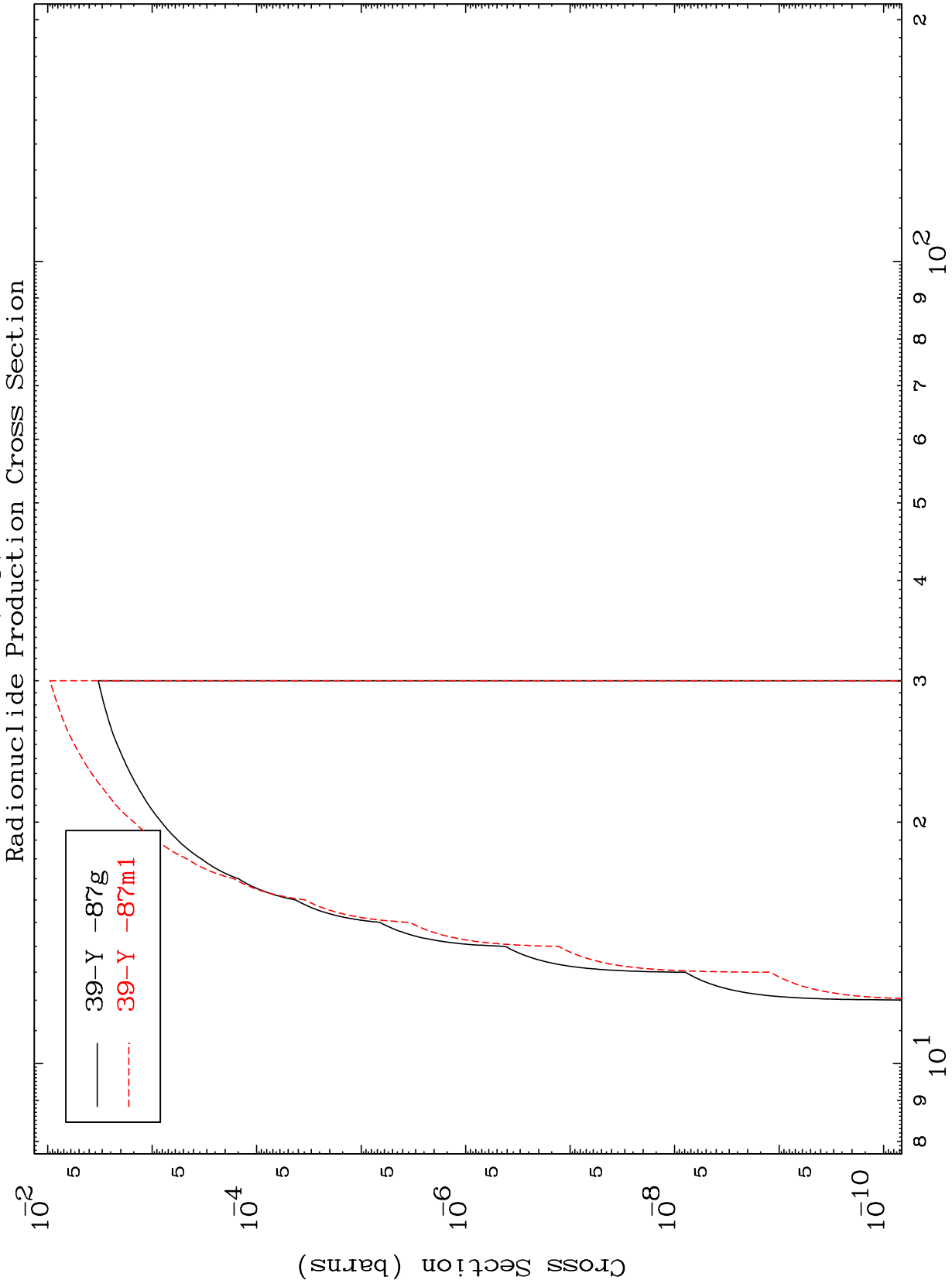
40-Zr-88



MAT 4019

(d,p) d

40-Zr-88



28

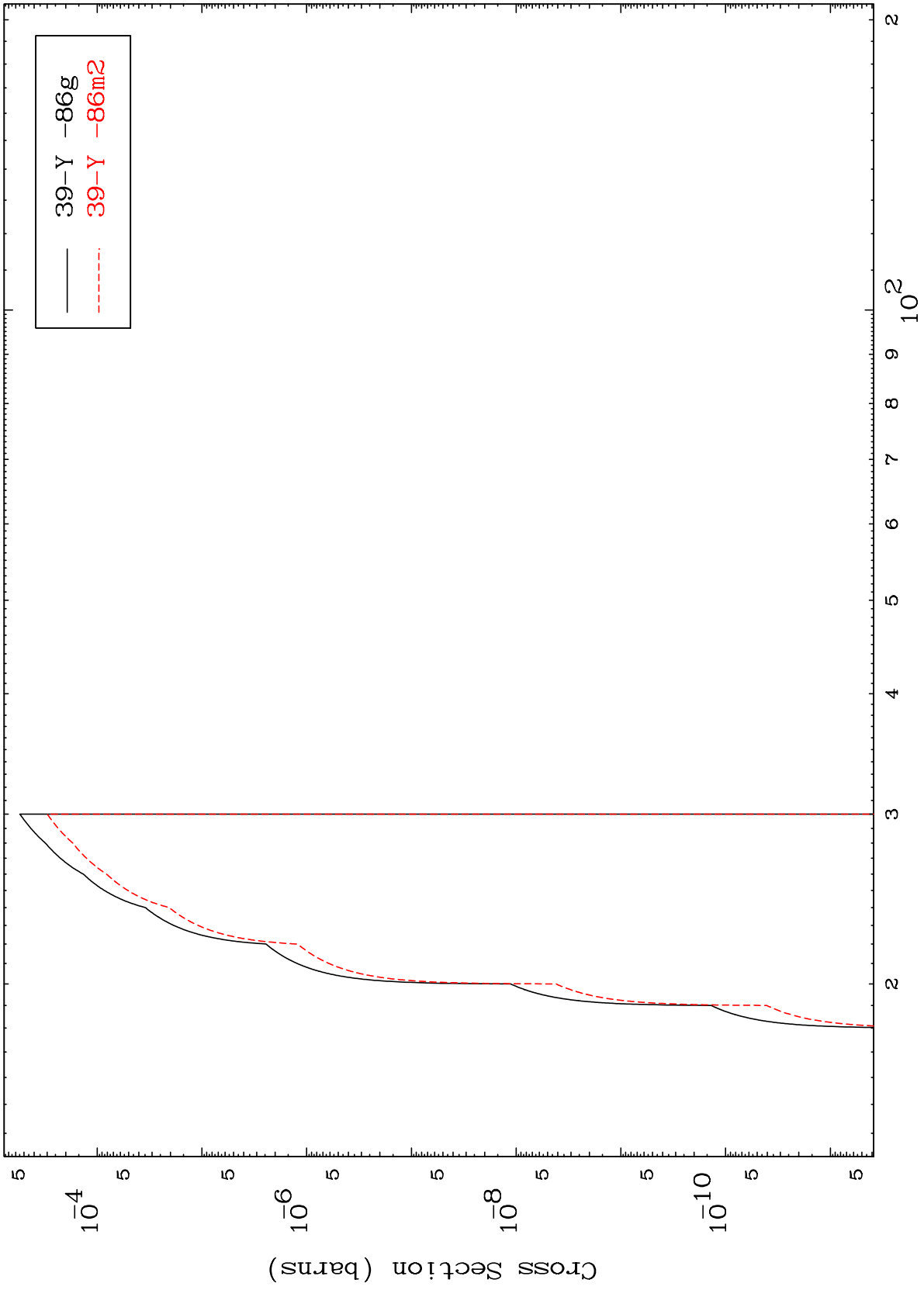
40-Zr-88

MAT 4019

(d,p) t

40-Zr-88

Radionuclide Production Cross Section



29

Incident Energy (MeV)

40-Zr-88