

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

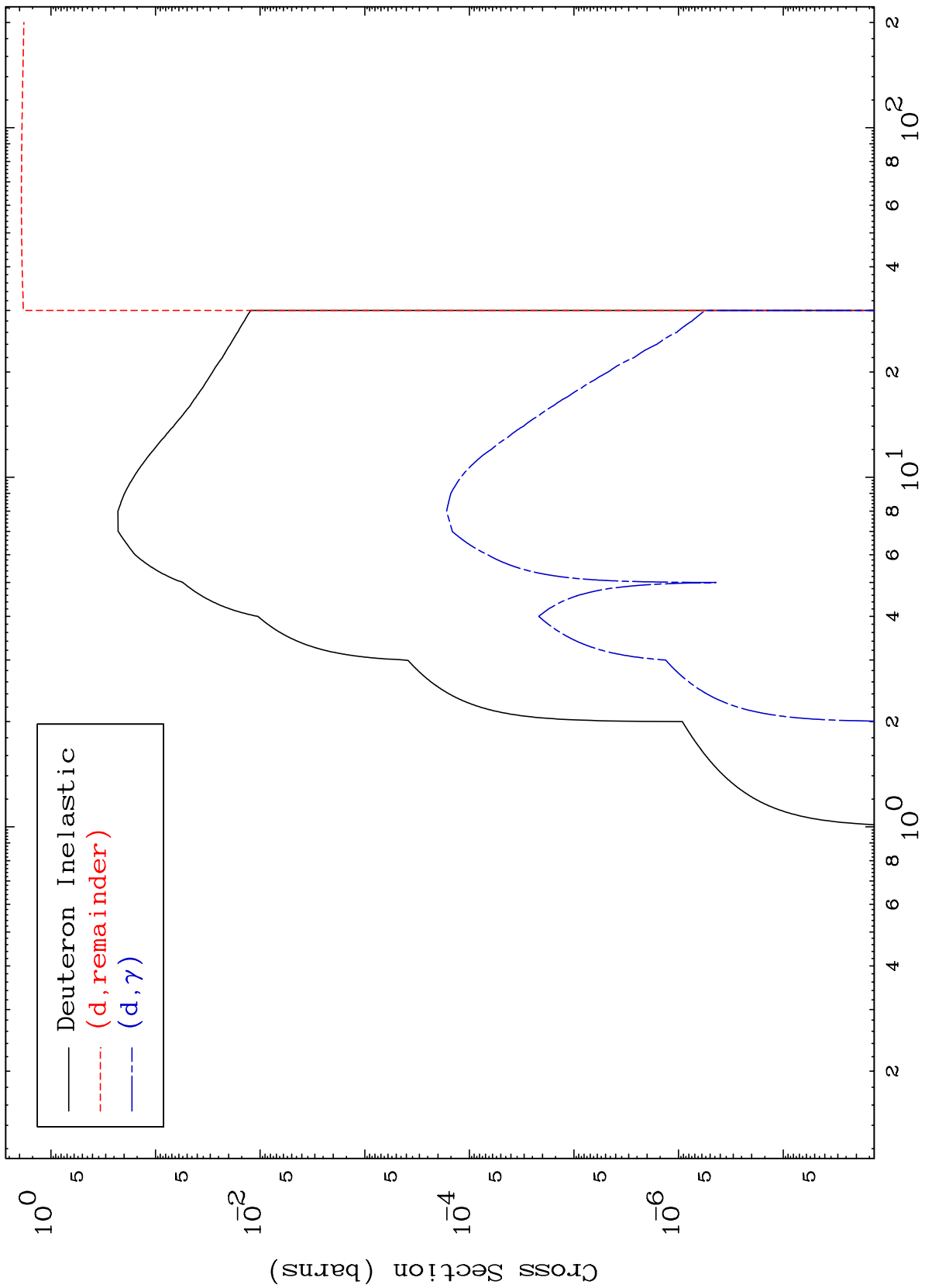
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Livermore, CA 94550
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Tele: 925-443-1911

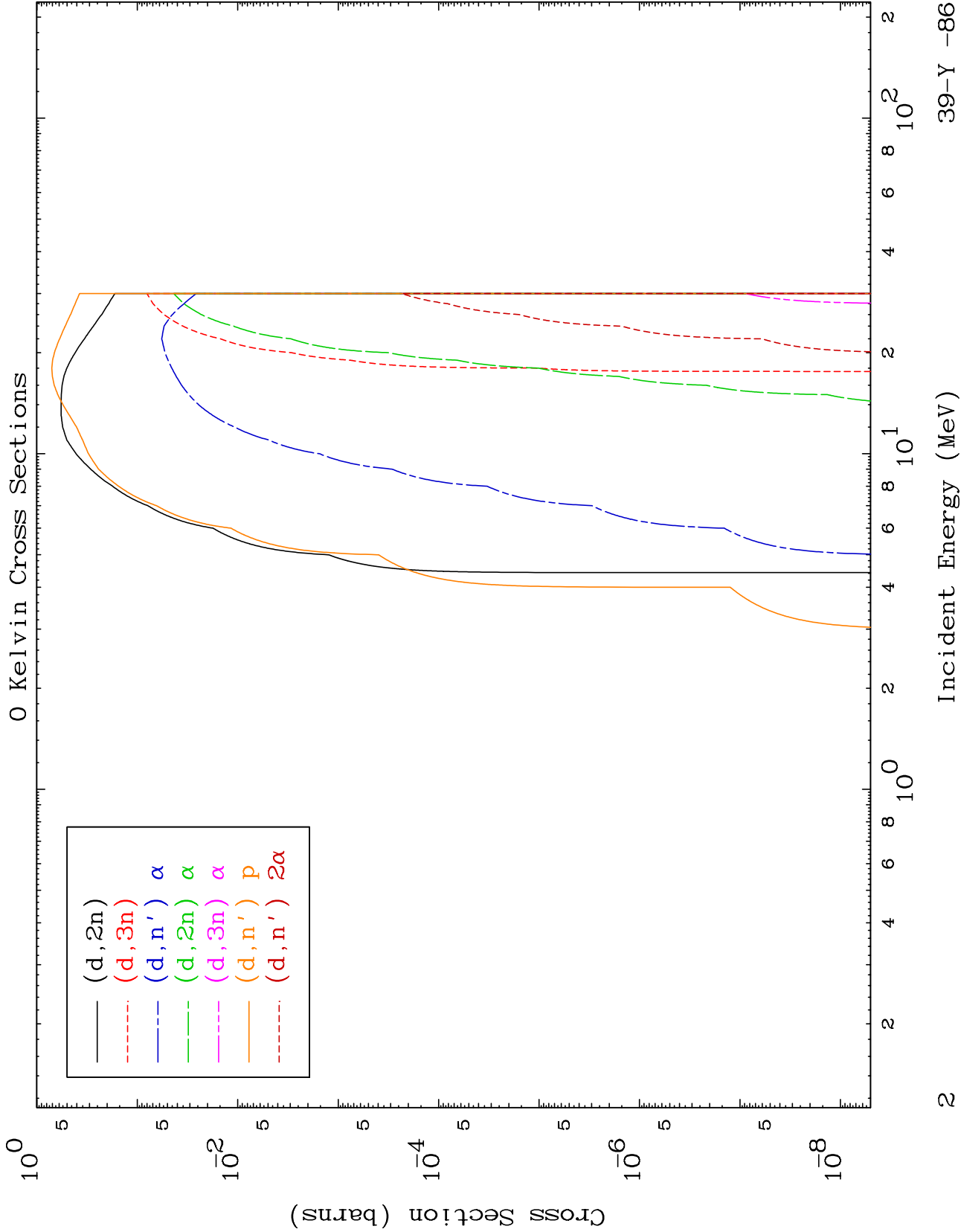
E.Mail:redcullen1@comcast.net

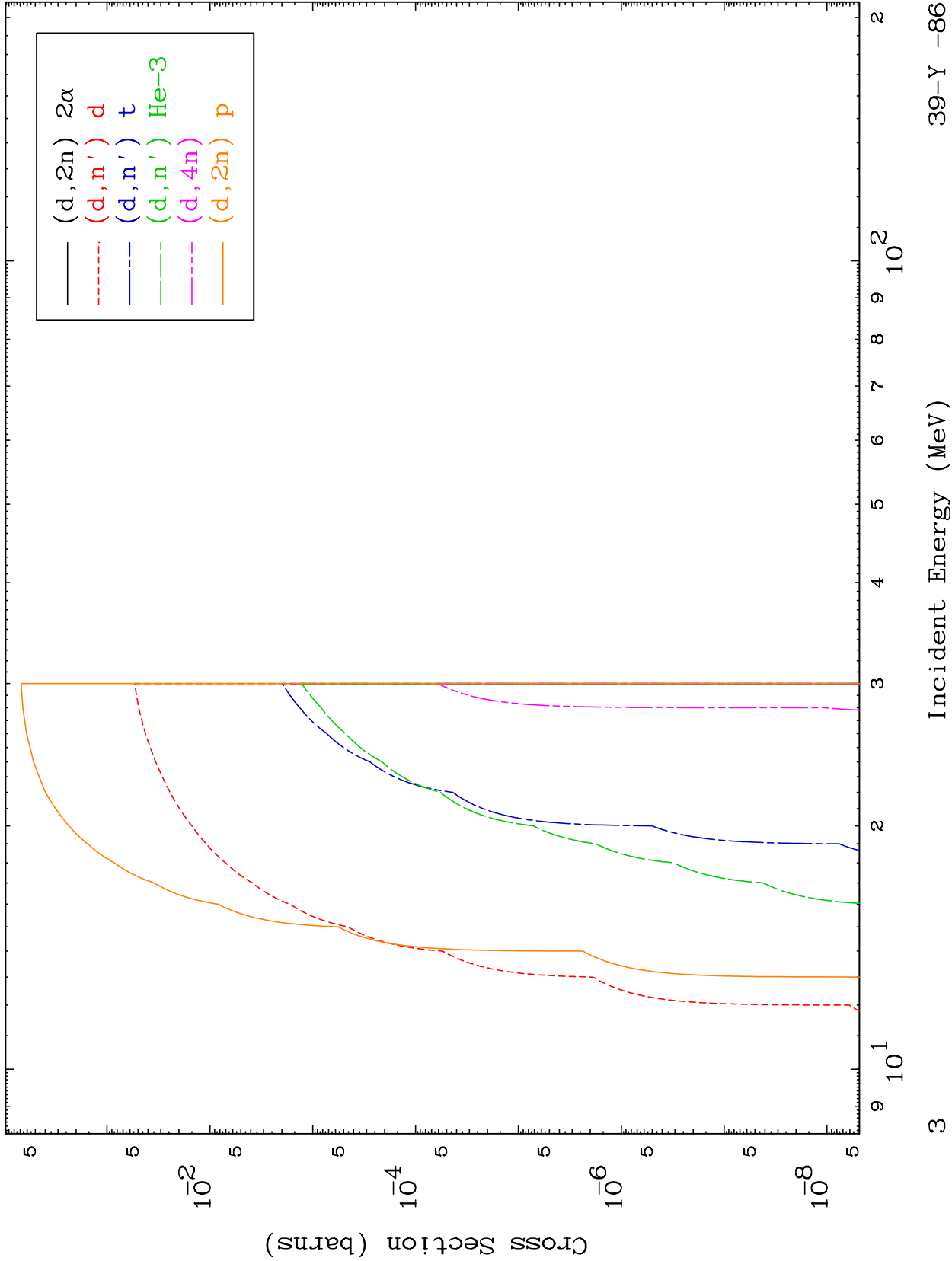
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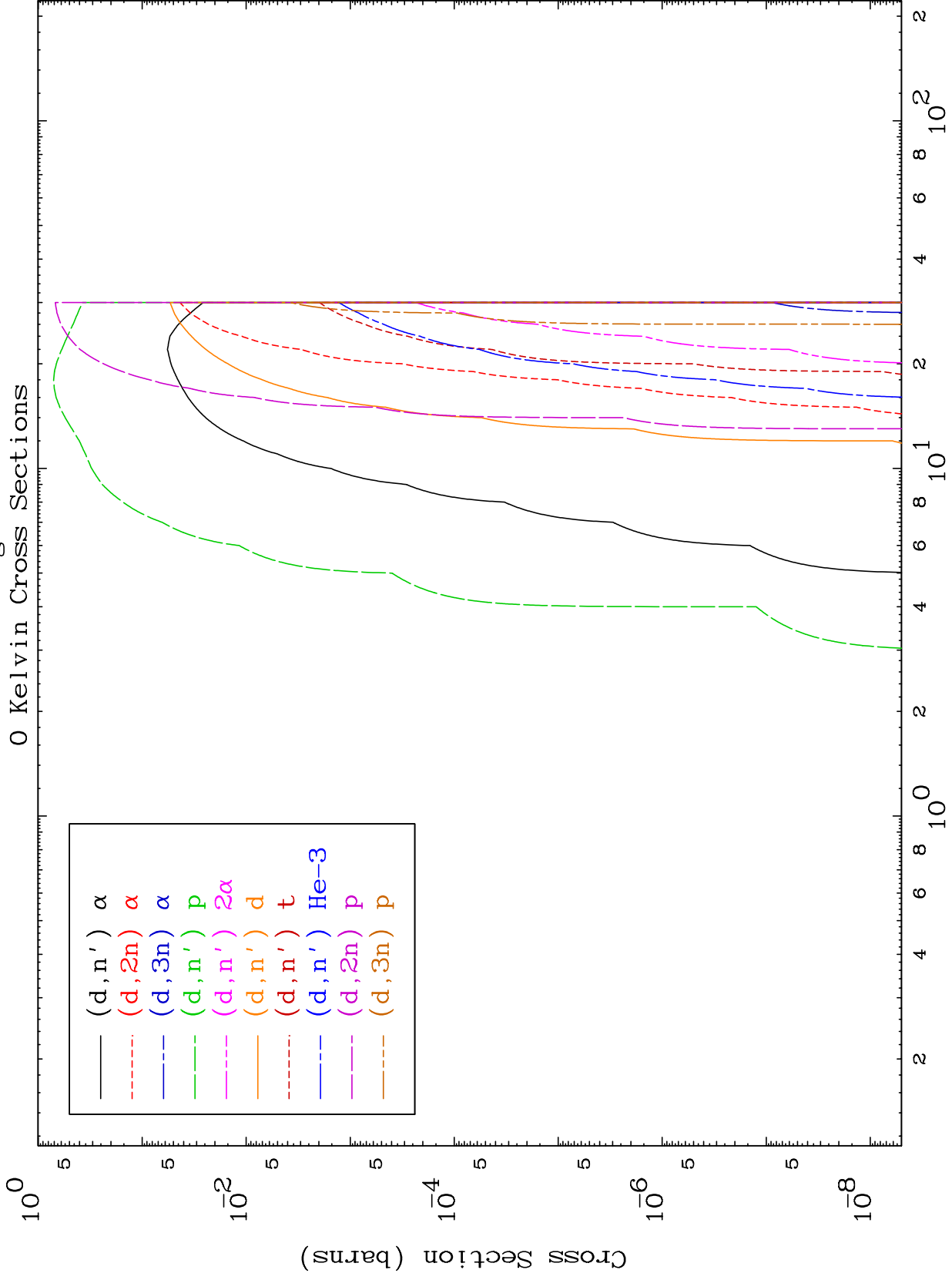
Press Mouse Button to Start

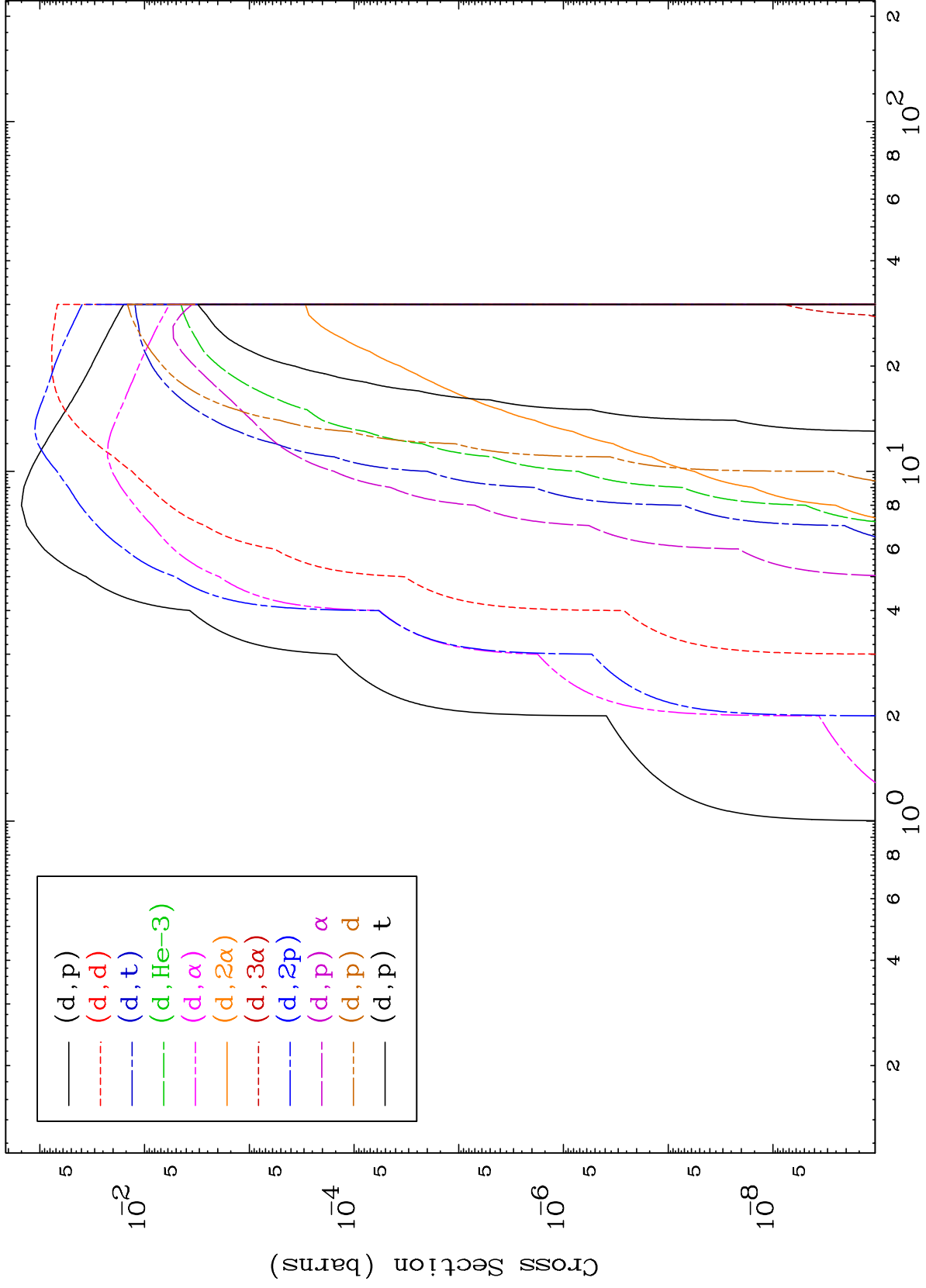


— Deuteron Inelastic
- - - (d, remainder)
- - - (d, γ)

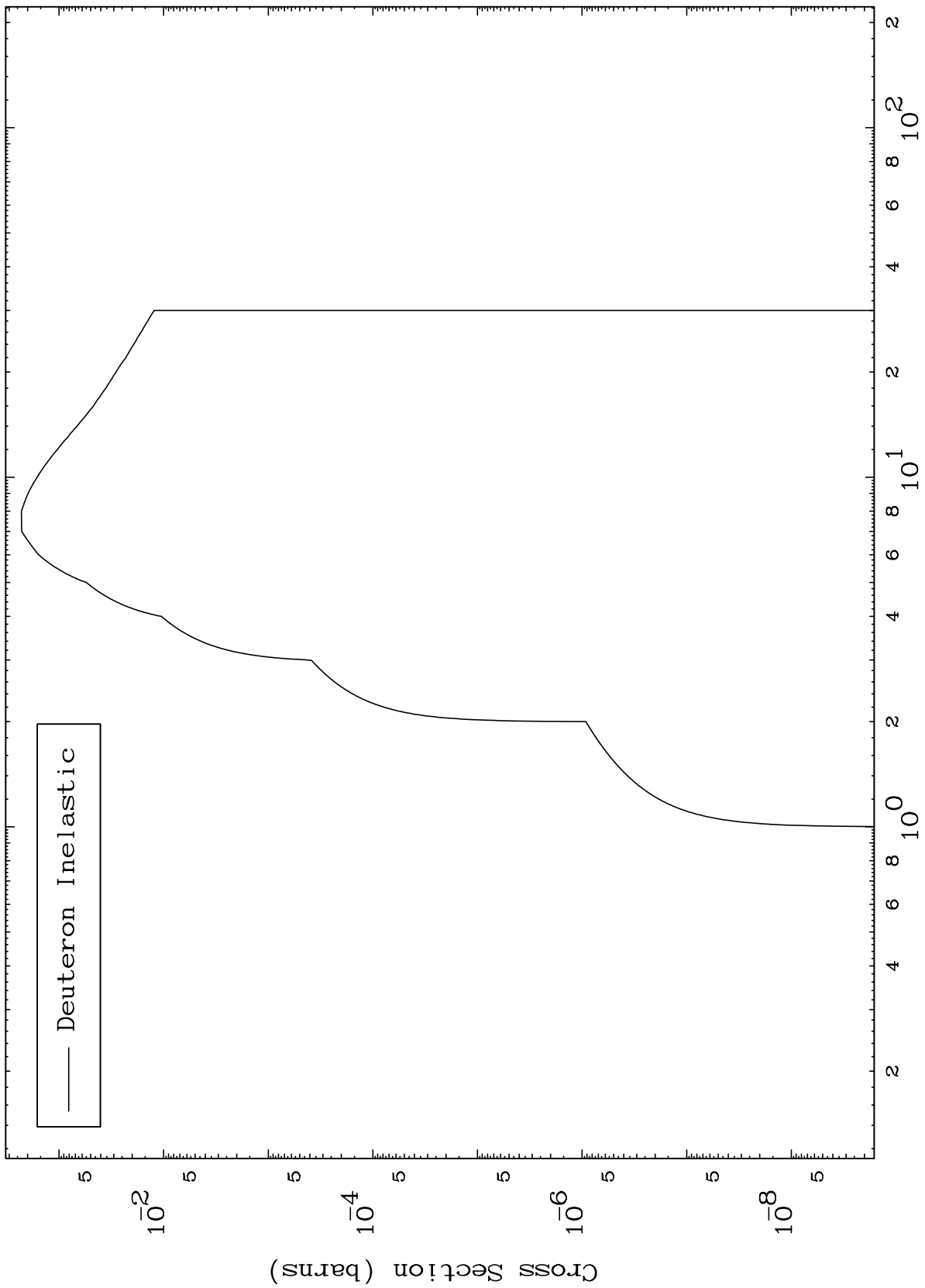




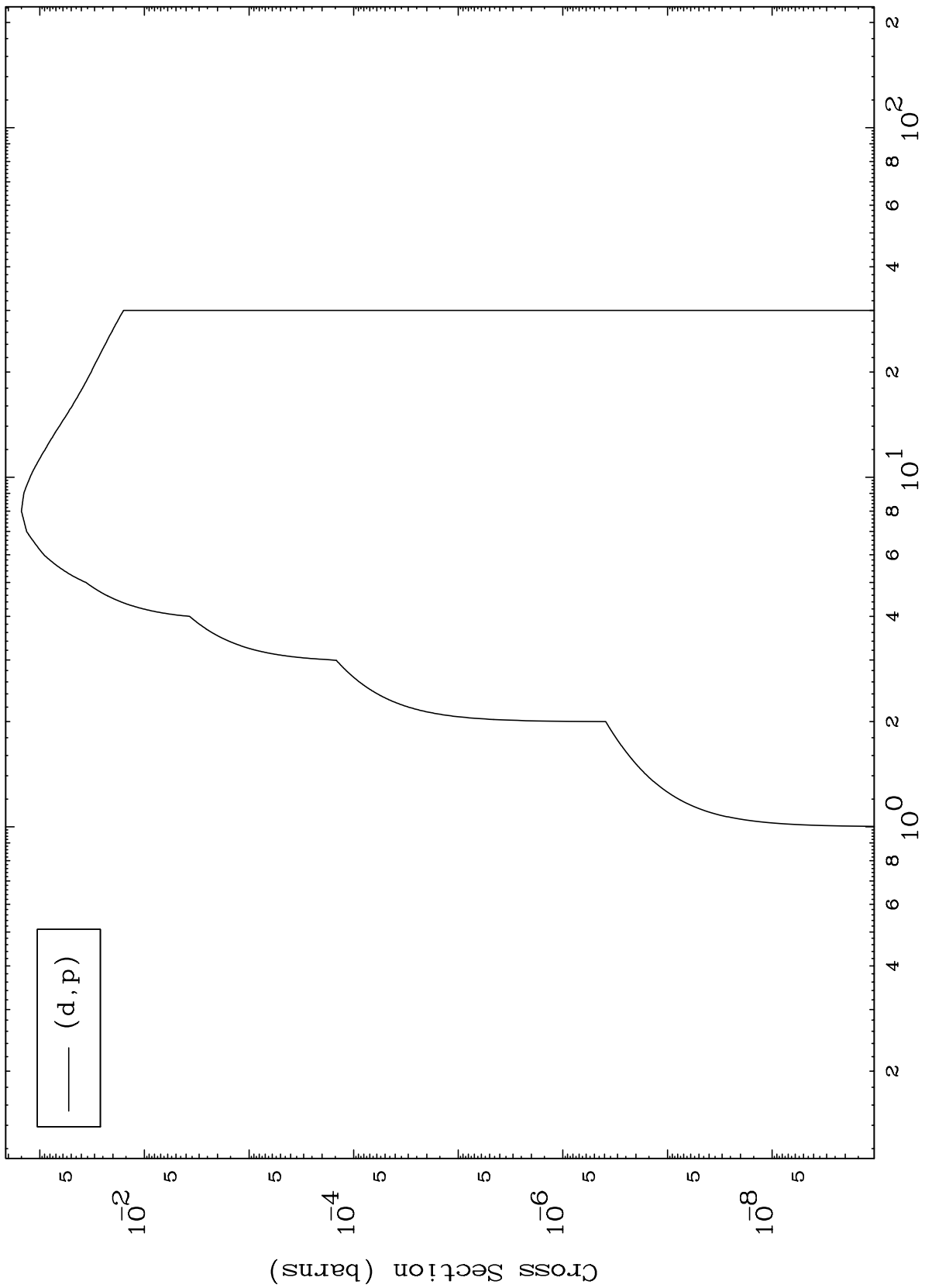


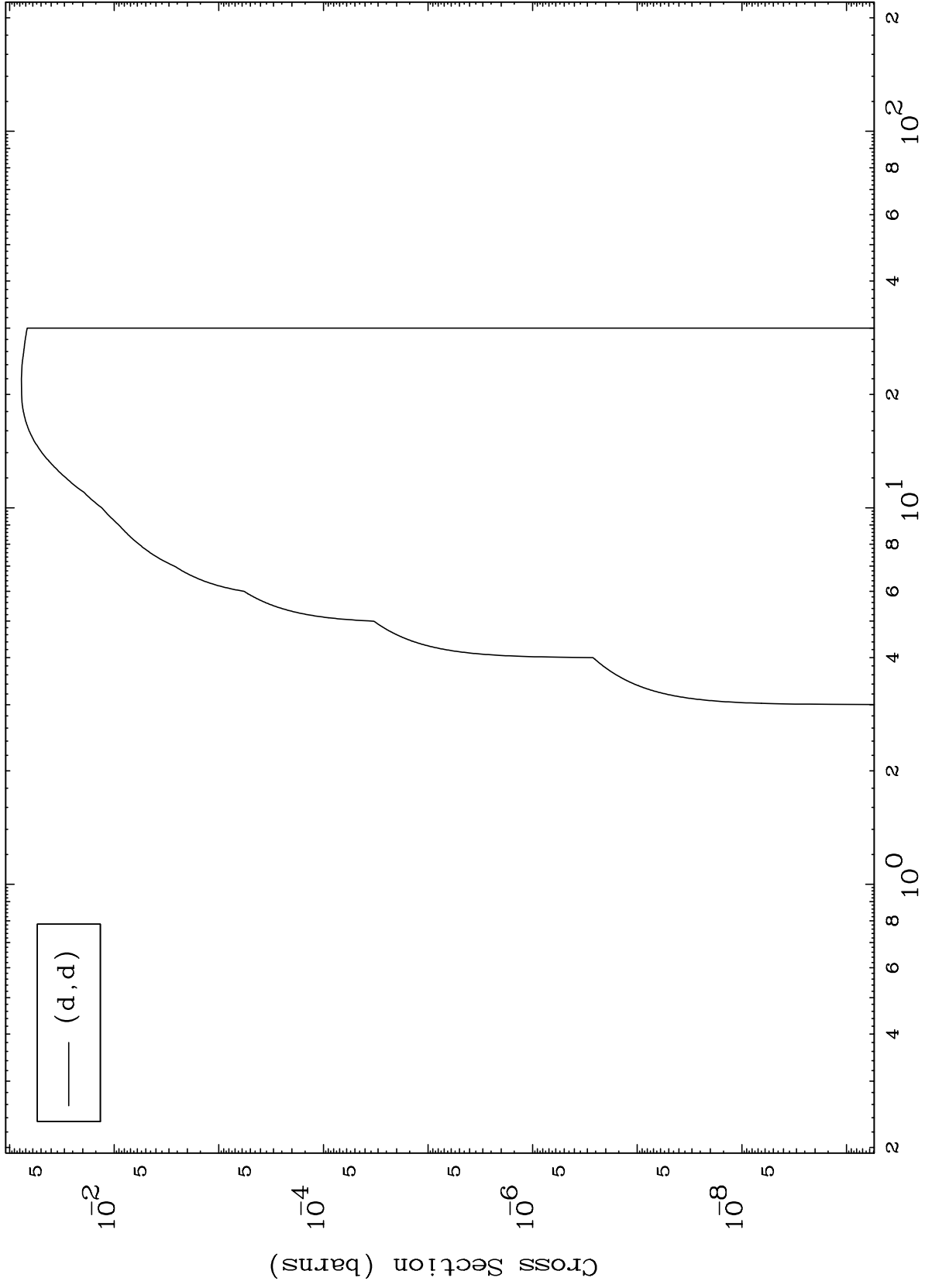


(d,n') Level
0 Kelvin Cross Sections

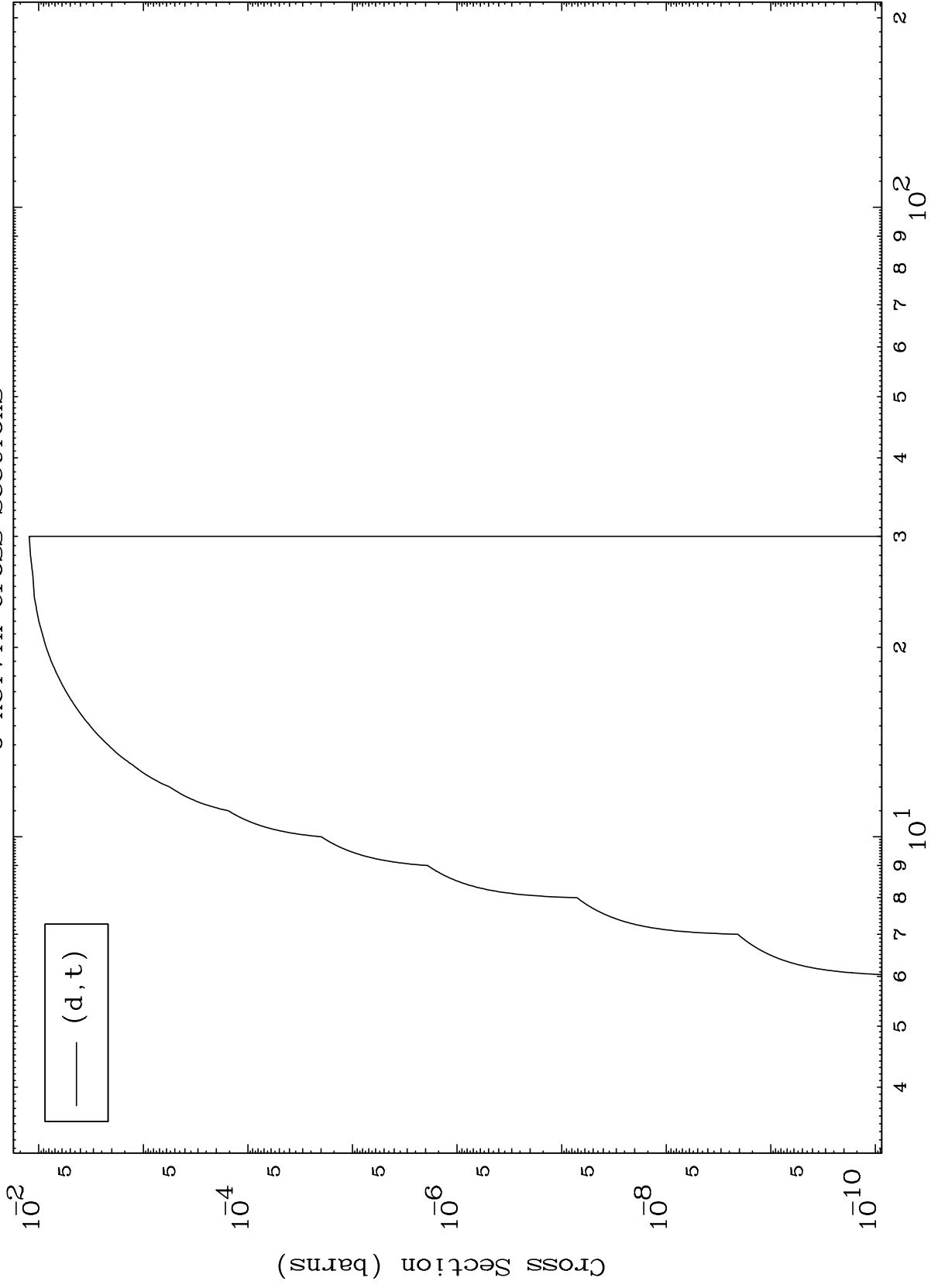


(d,p) Levels
0 Kelvin Cross Sections





(d,t) Levels
0 Kelvin Cross Sections

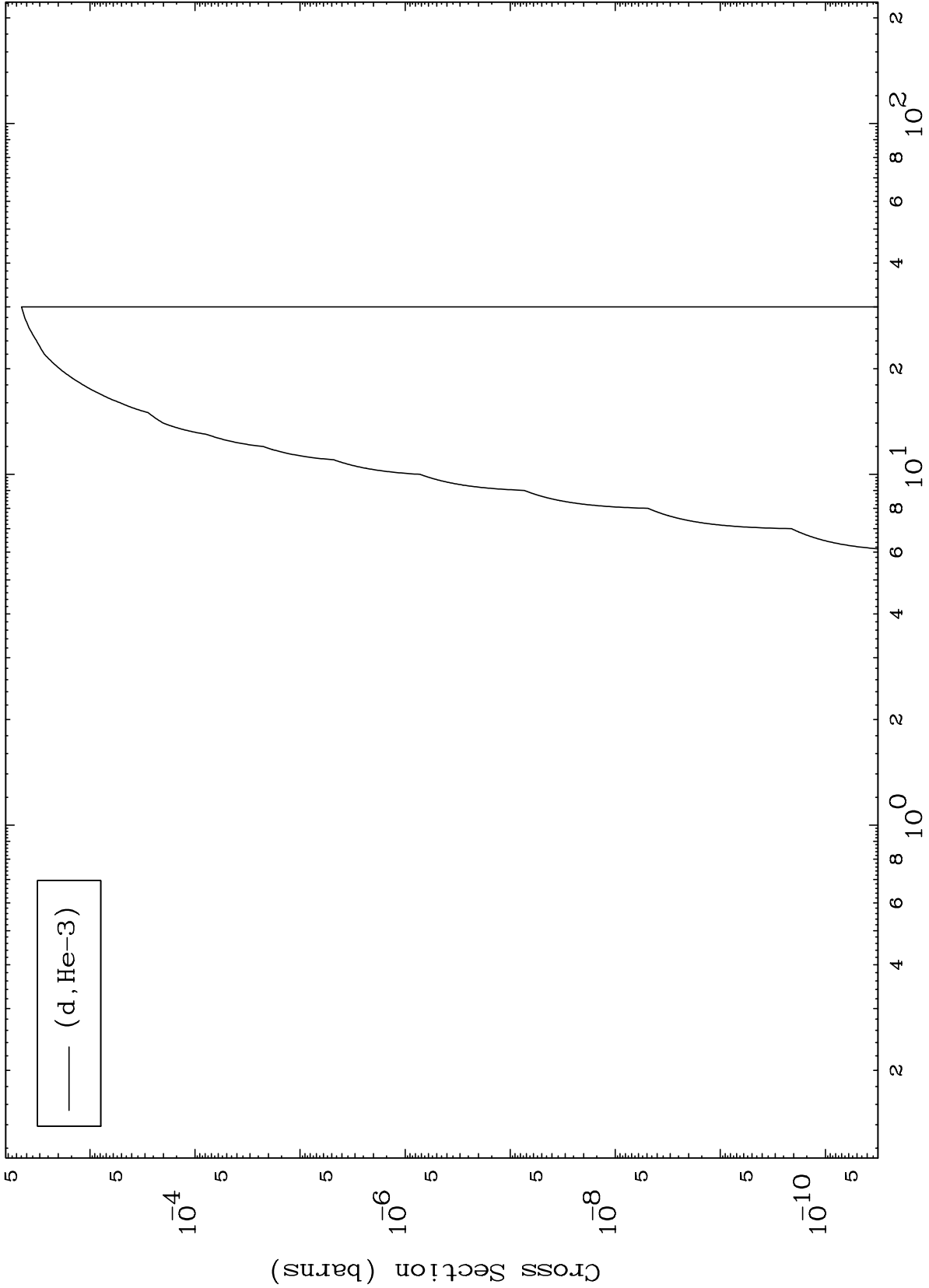


MAT 3916

(d,He3) Levels

39-Y -86

0 Kelvin Cross Sections

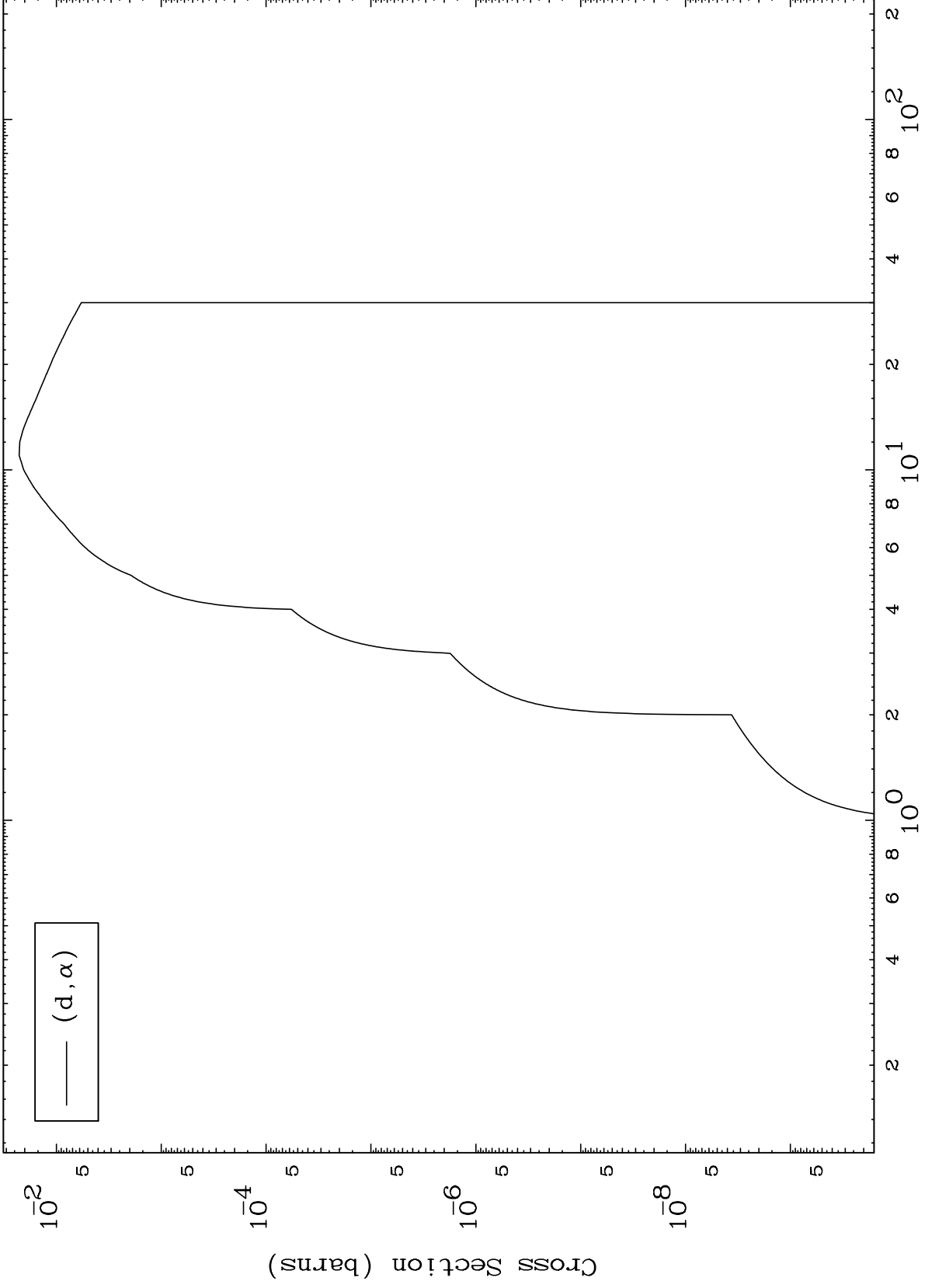


10

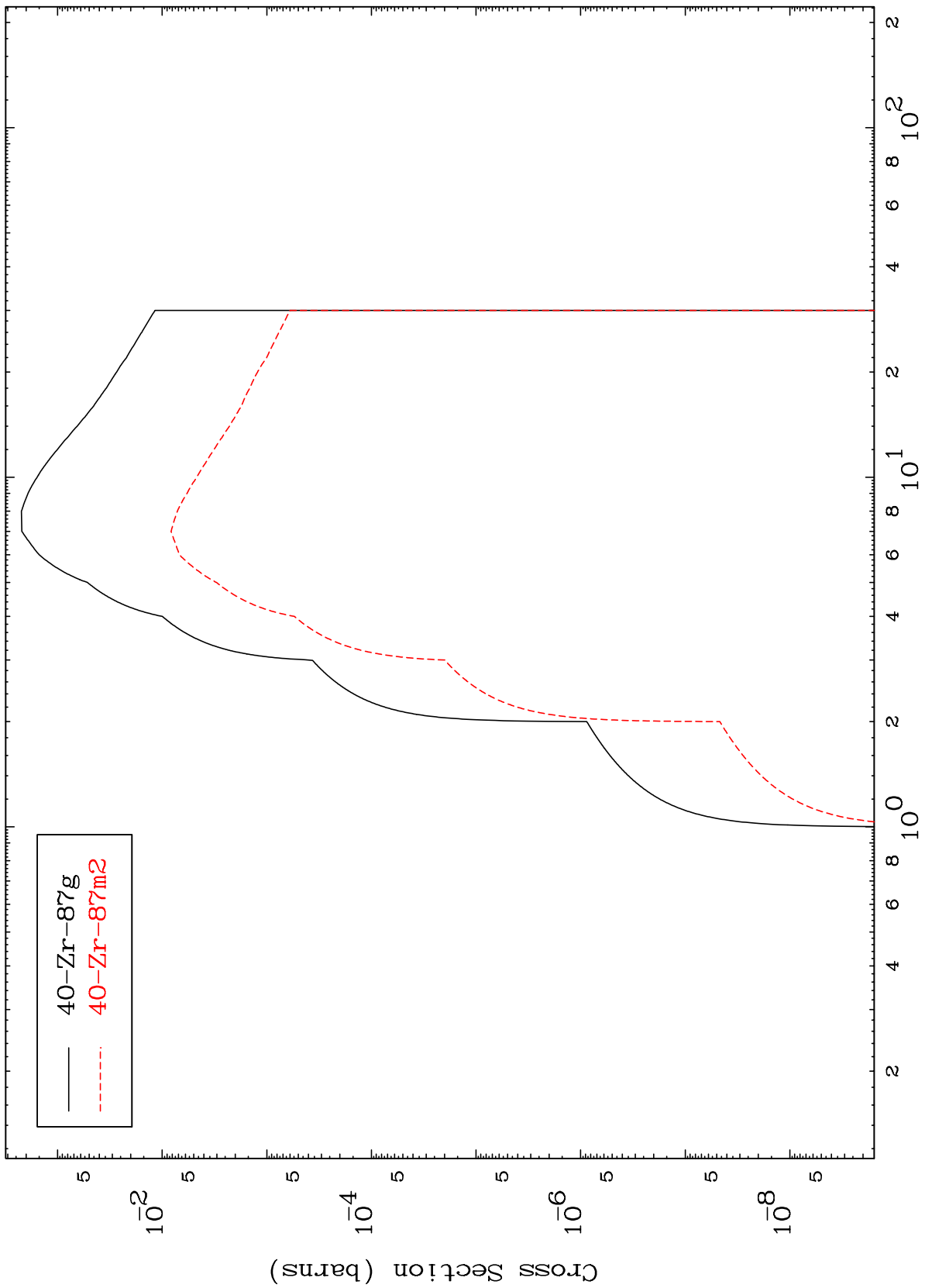
Incident Energy (MeV)

39-Y -86

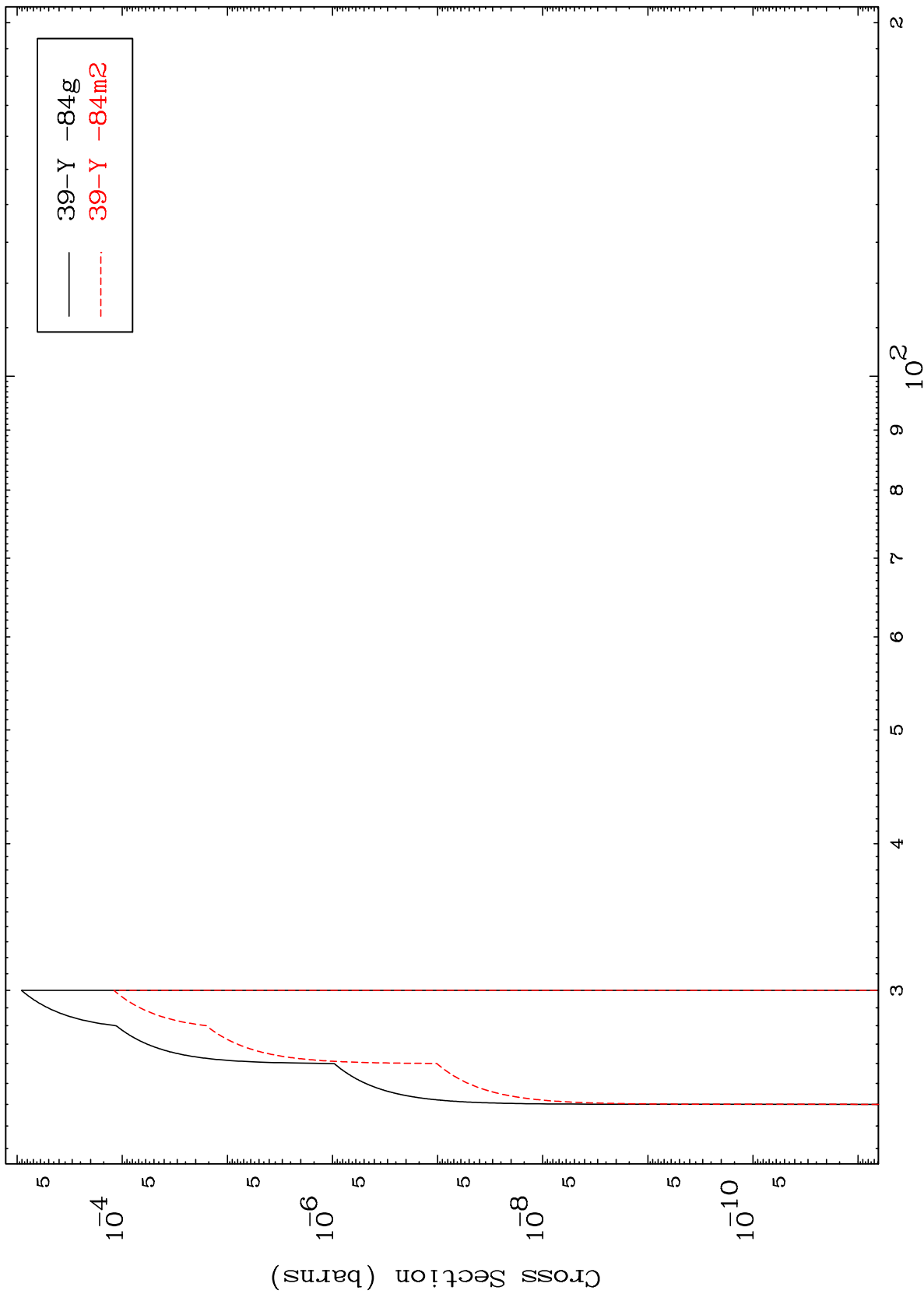
(d, α) Levels
0 Kelvin Cross Sections



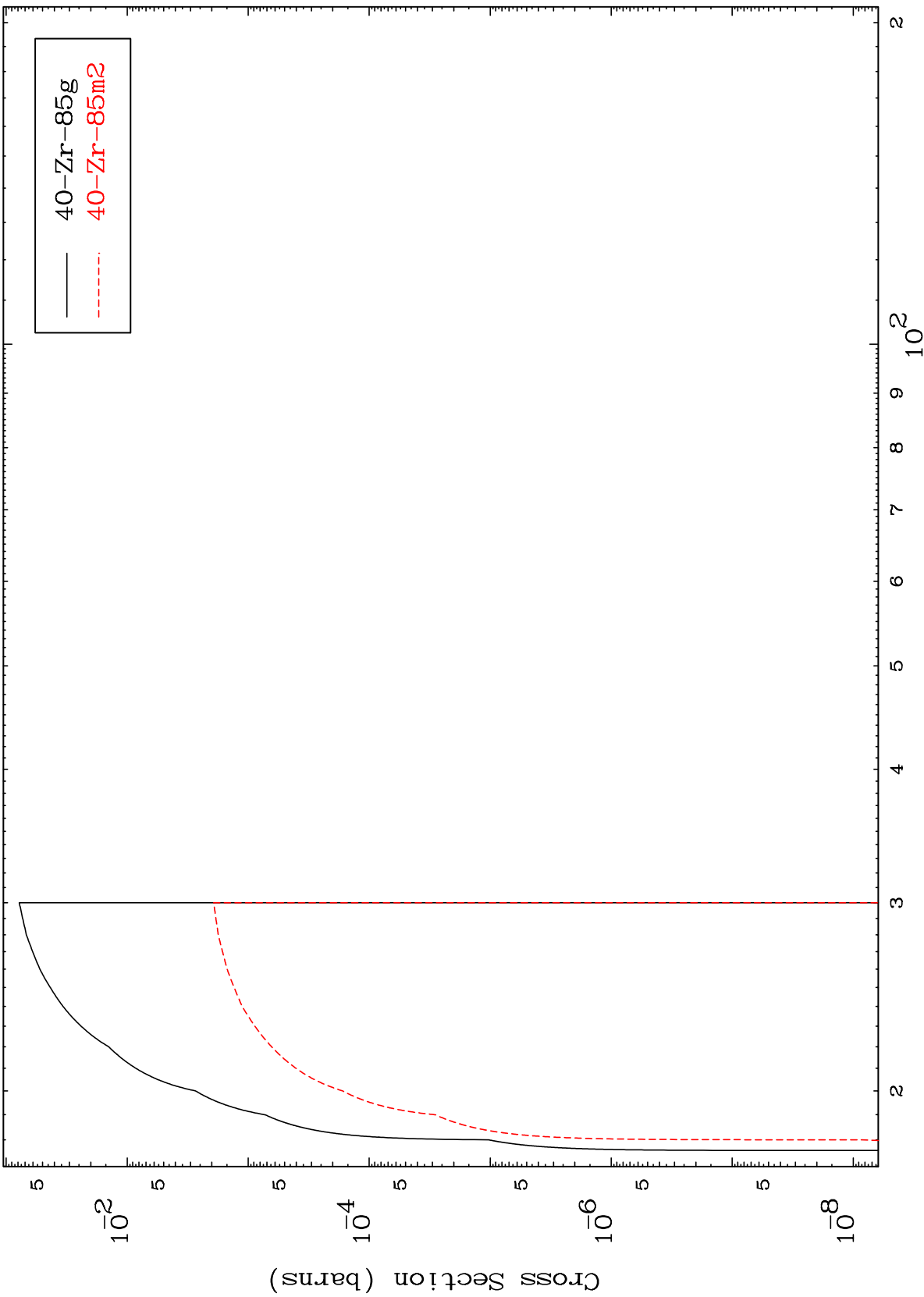
Deuteron Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section



(d,3n)
Radionuclide Production Cross Section

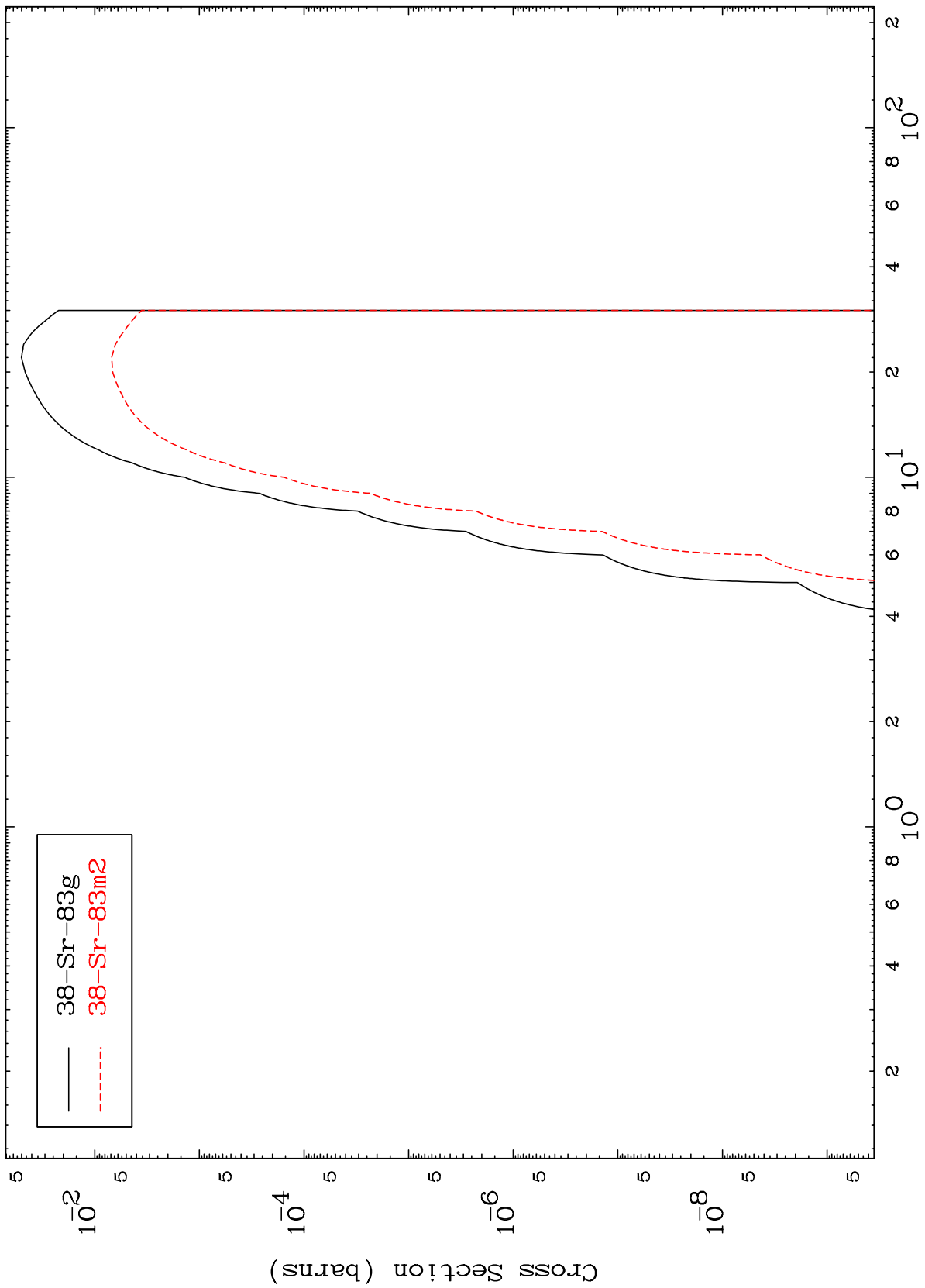


MAT 3916

(d,n') α

39-Y -86

Radionuclide Production Cross Section



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Incident Energy (MeV)

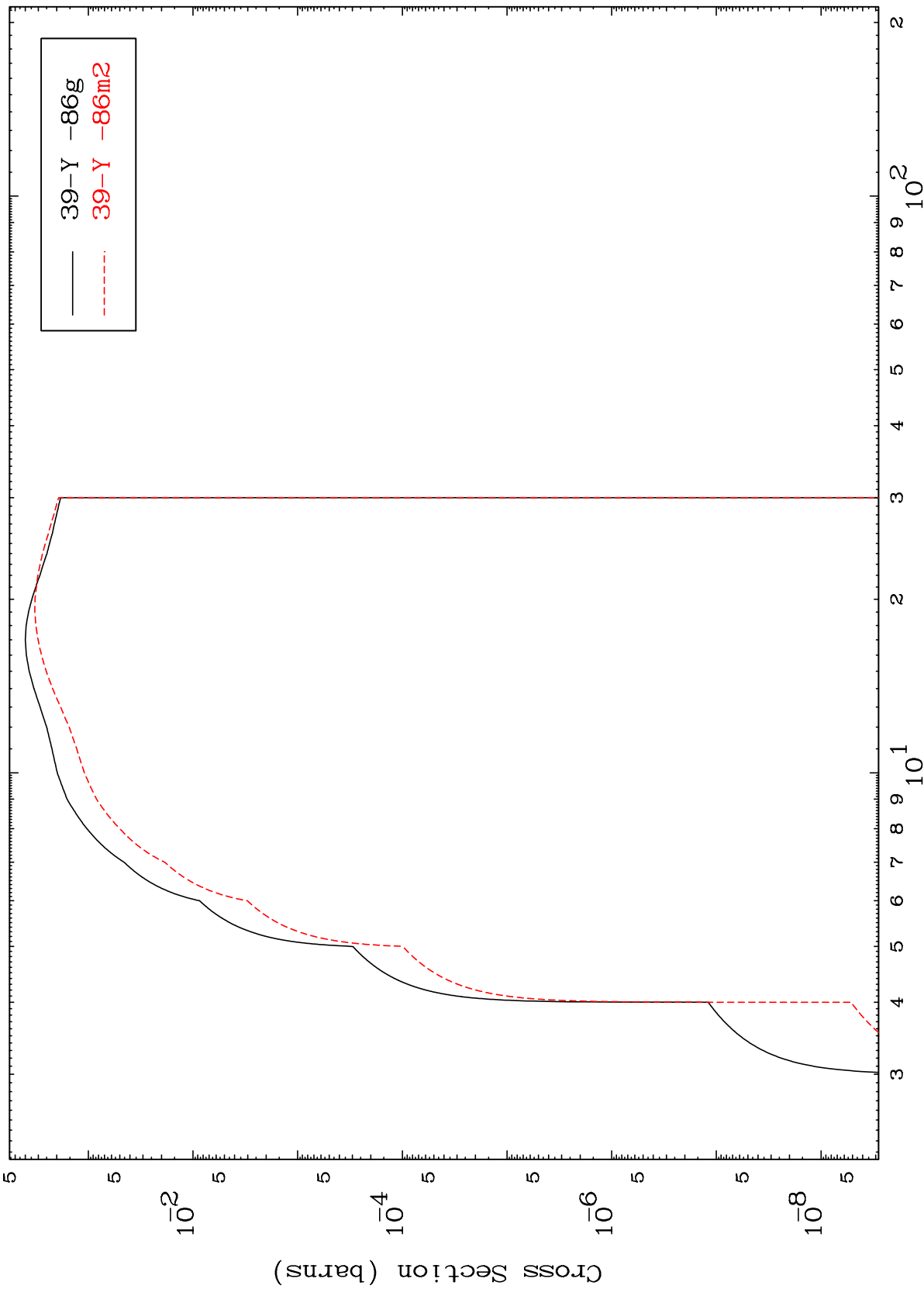
39-Y -86

MAT 3916

(d,n') p

39-Y -86

Radionuclide Production Cross Section



16

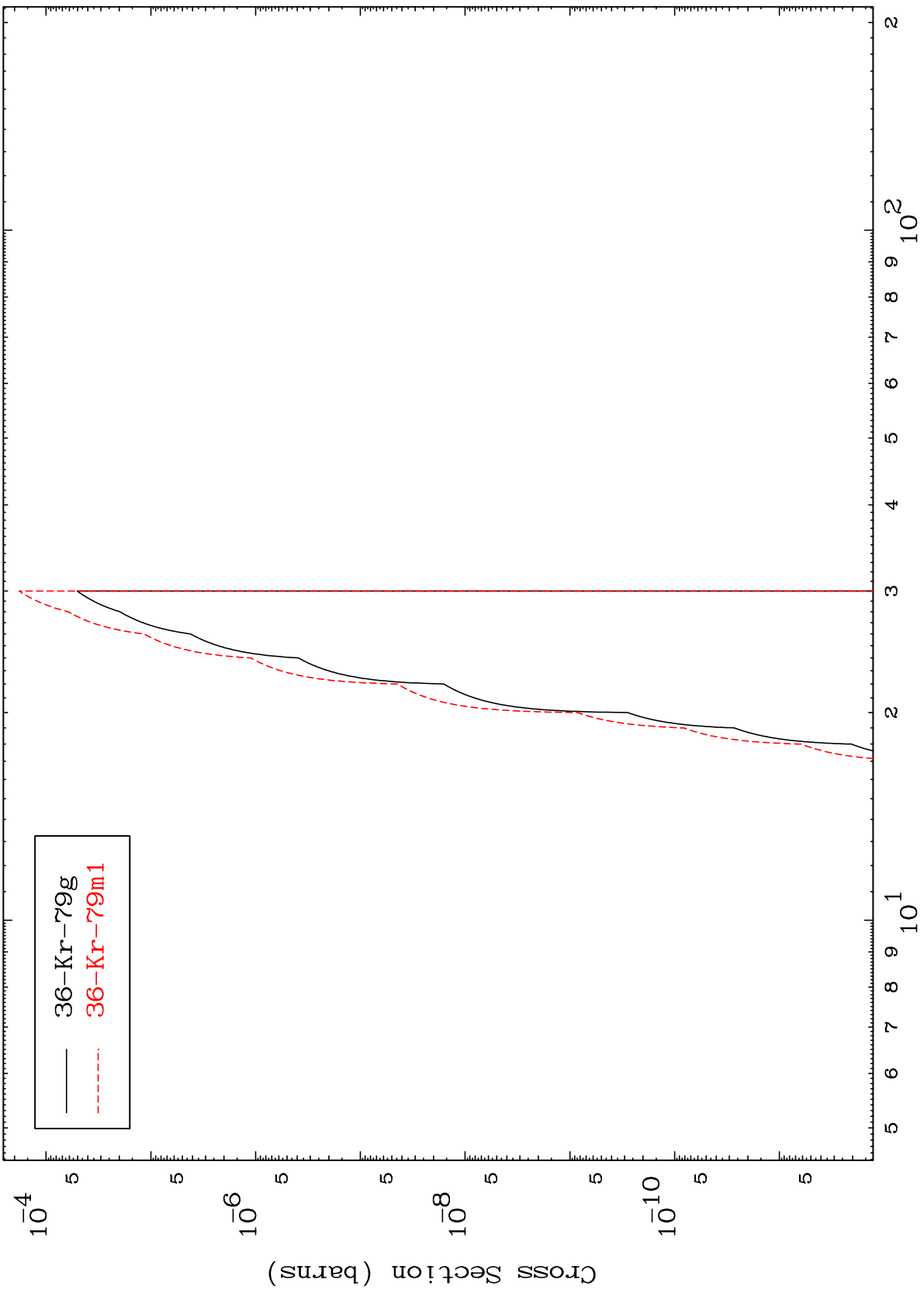
Incident Energy (MeV)

39-Y -86

MAT 3916

39-Y -86

(d,n') 2α
Radionuclide Production Cross Section



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Incident Energy (MeV)

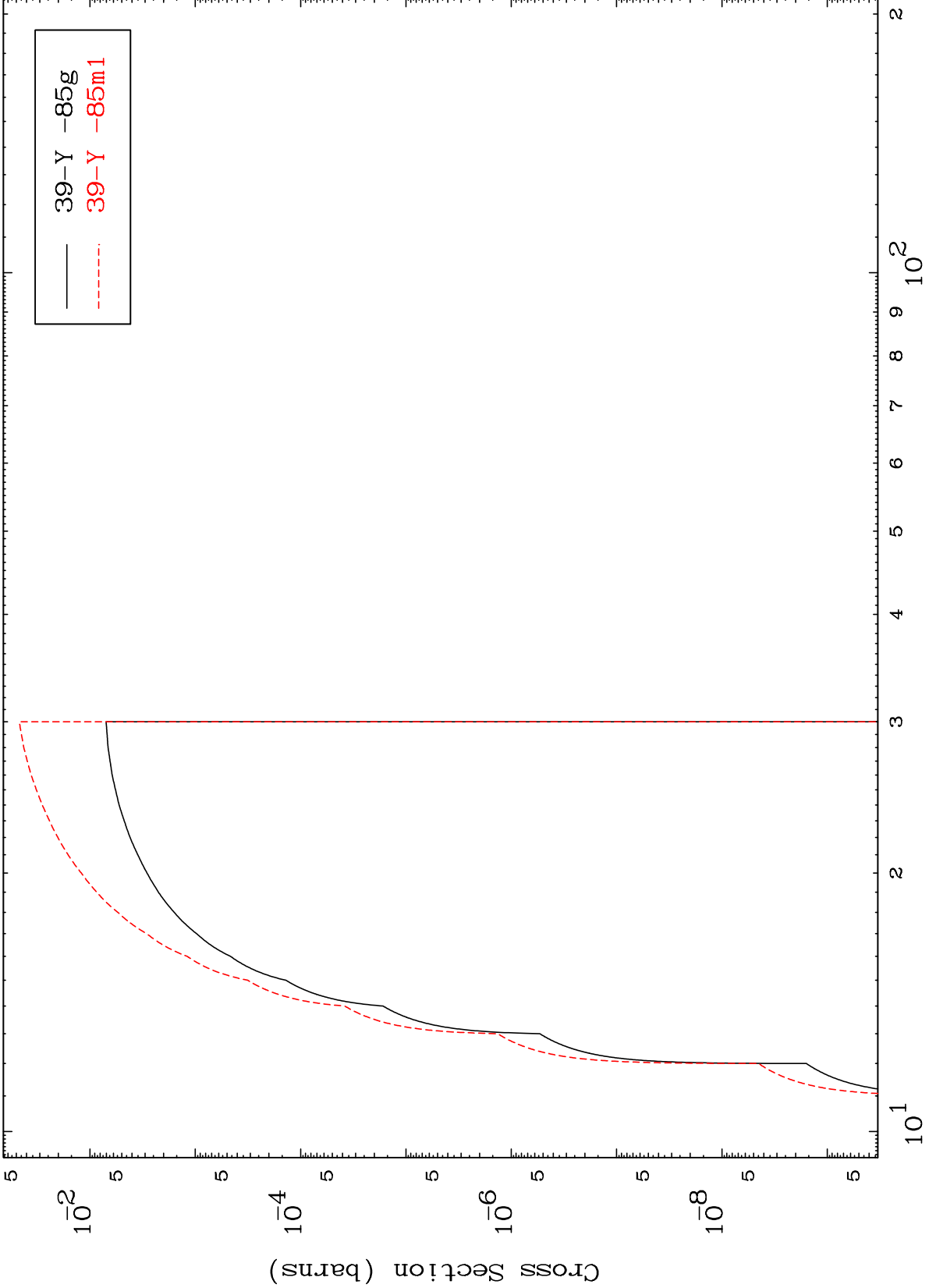
39-Y -86

MAT 3916

(d,n') d

39-Y -86

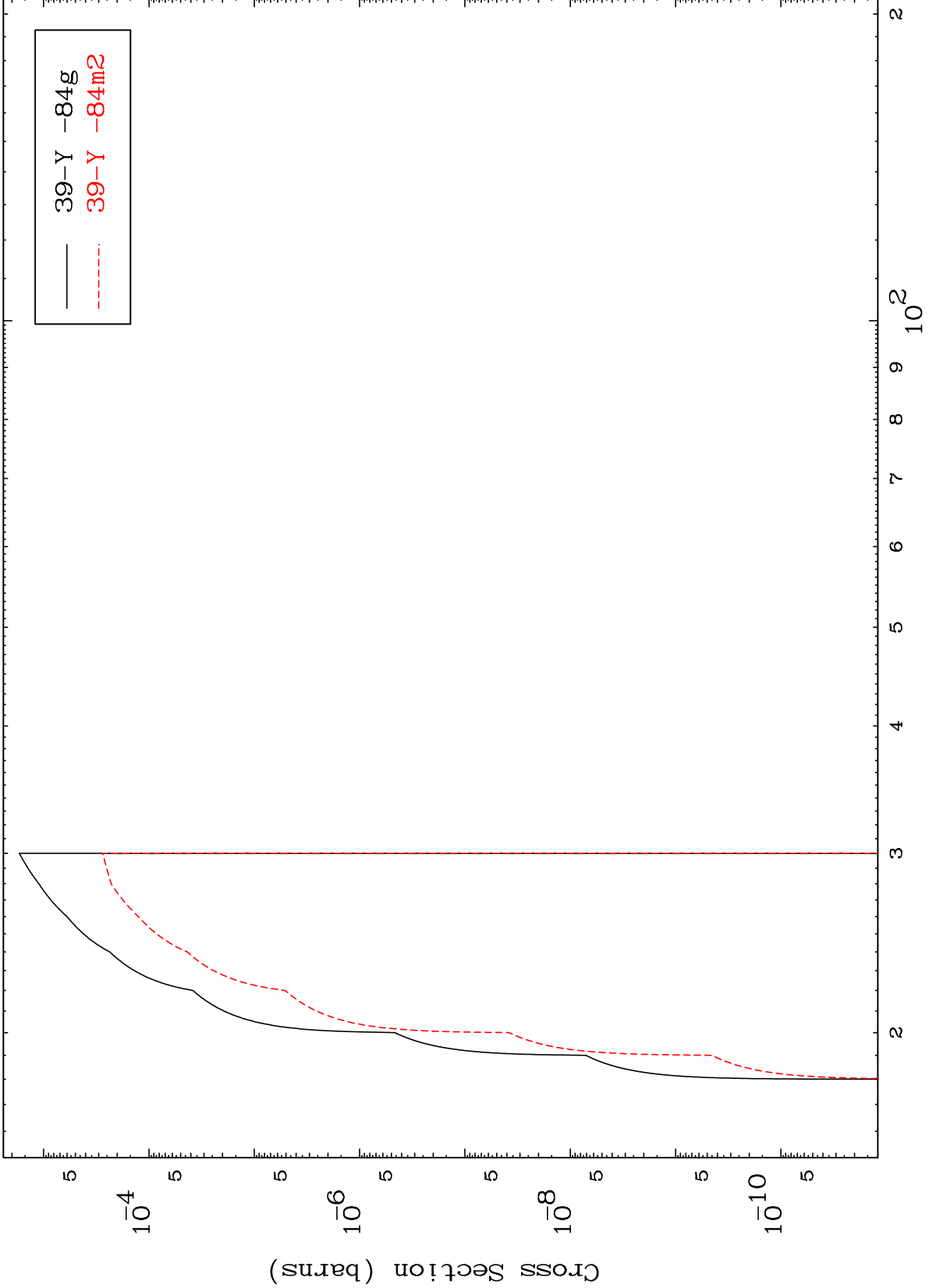
Radionuclide Production Cross Section



Incident Energy (MeV)

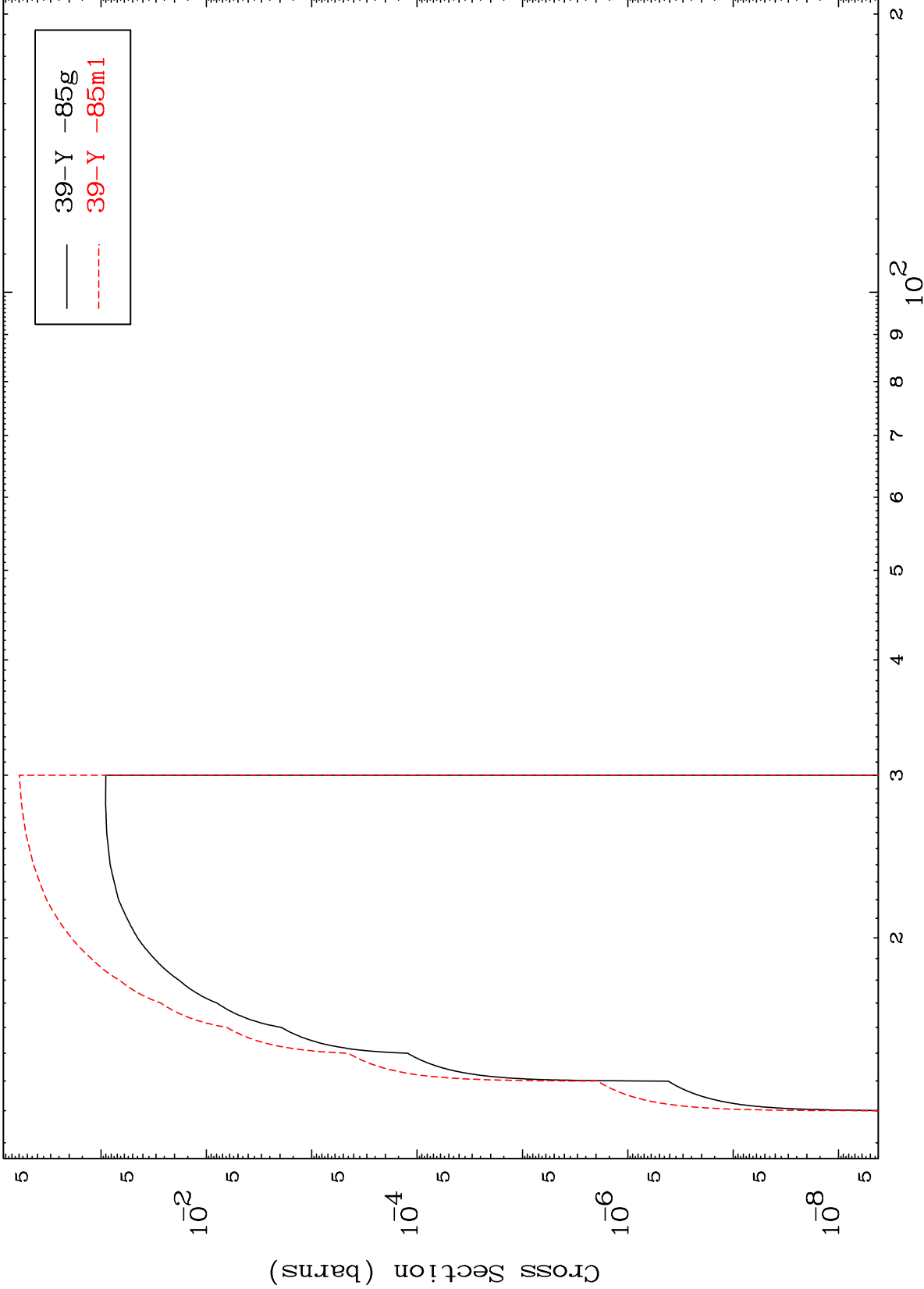
39-Y -86

Radionuclide Production Cross Section

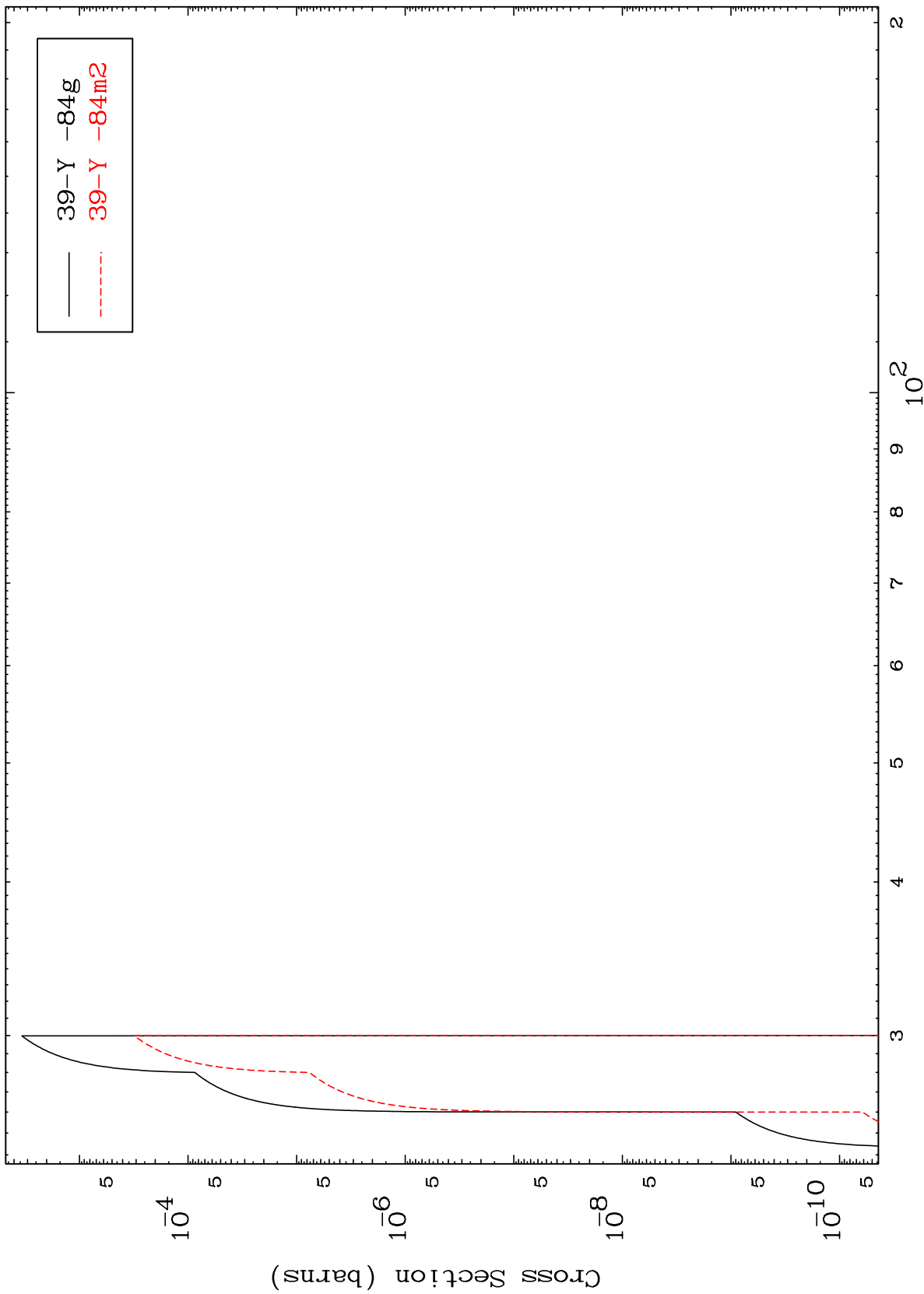


39-Y -84g
39-Y -84m2

Radionuclide Production Cross Section



Radionuclide Production Cross Section



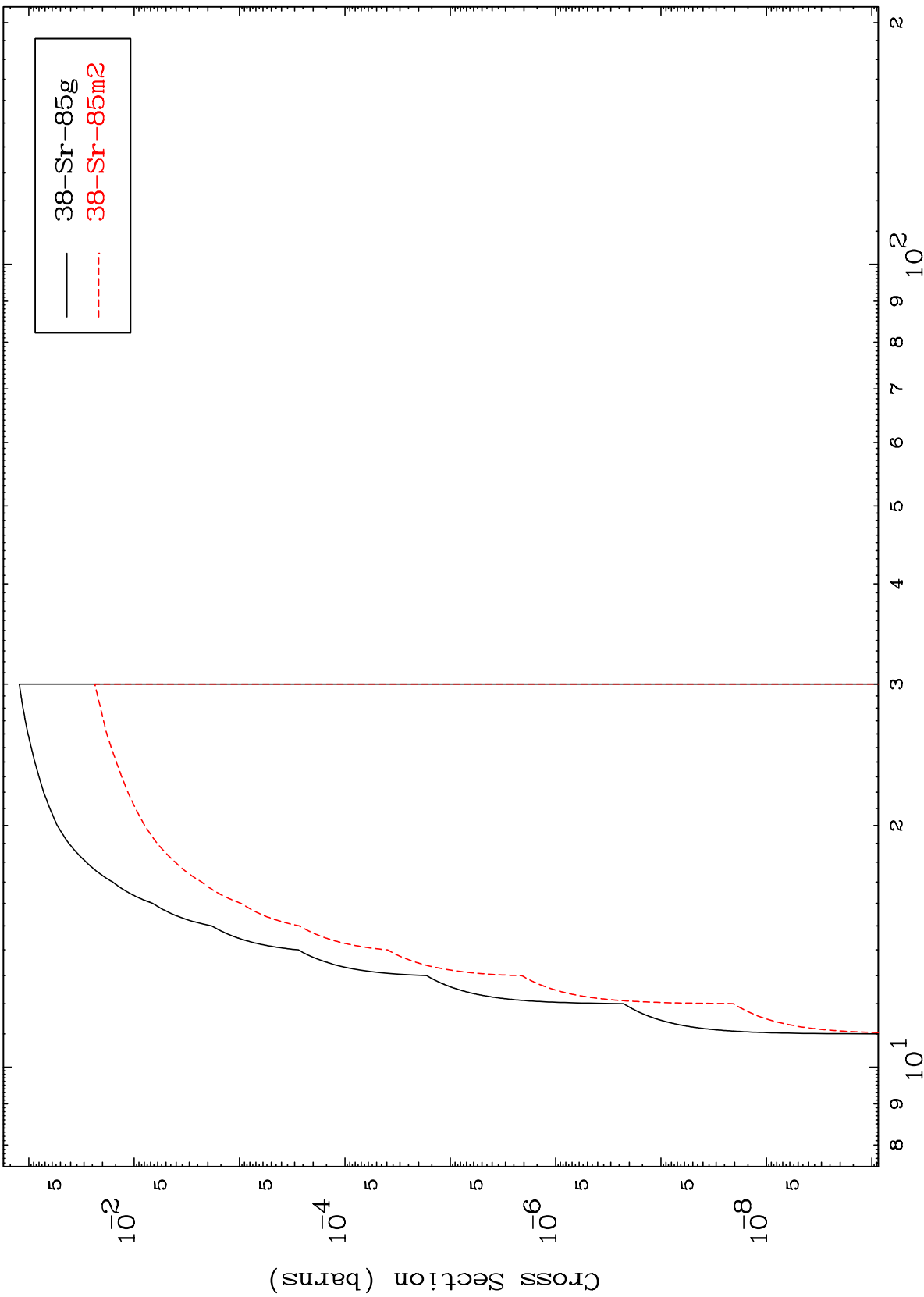
39-Y -84g
39-Y -84m2

MAT 3916

(d,2n) p

39-Y -86

Radionuclide Production Cross Section



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Incident Energy (MeV)

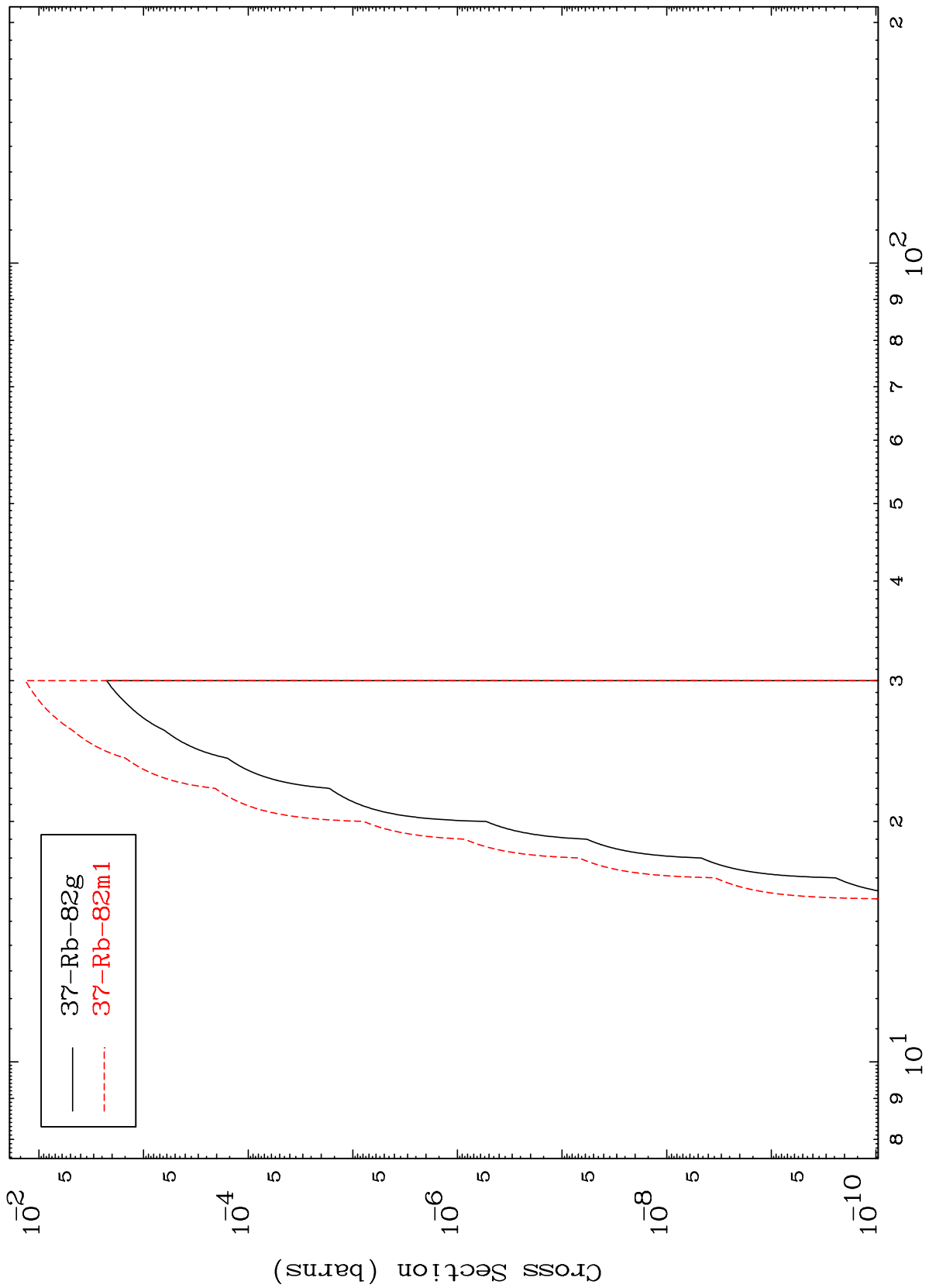
39-Y -86

MAT 3916

(d,n') p α

39-Y -86

Radionuclide Production Cross Section



Legend:
— 37-Rb-82g
- - - 37-Rb-82m1

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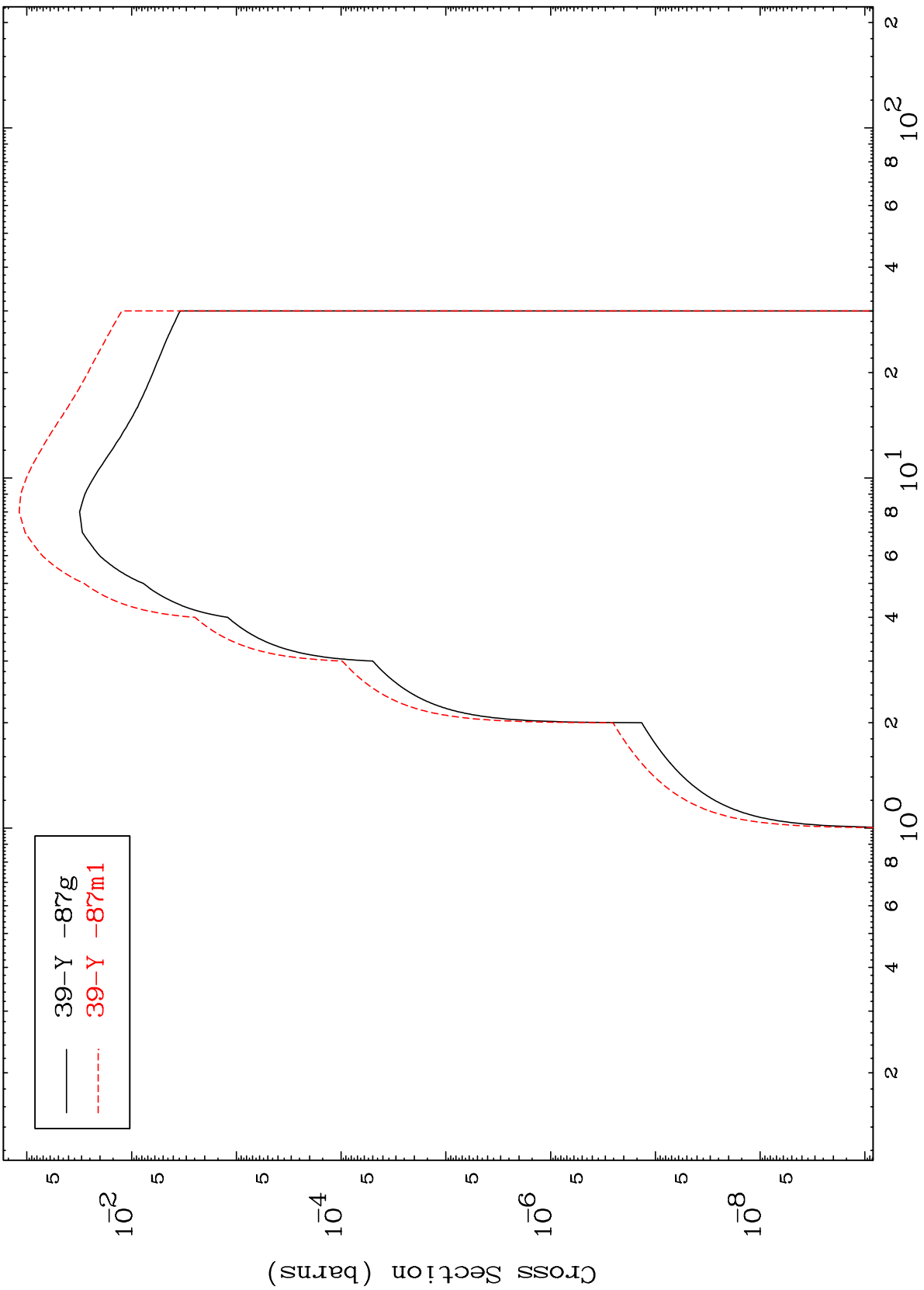
Incident Energy (MeV)

39-Y -86

MAT 3916

39-Y -86

(d,p)
Radionuclide Production Cross Section



— 39-Y -87g
- - - 39-Y -87m1

39-Y -86

Incident Energy (MeV)

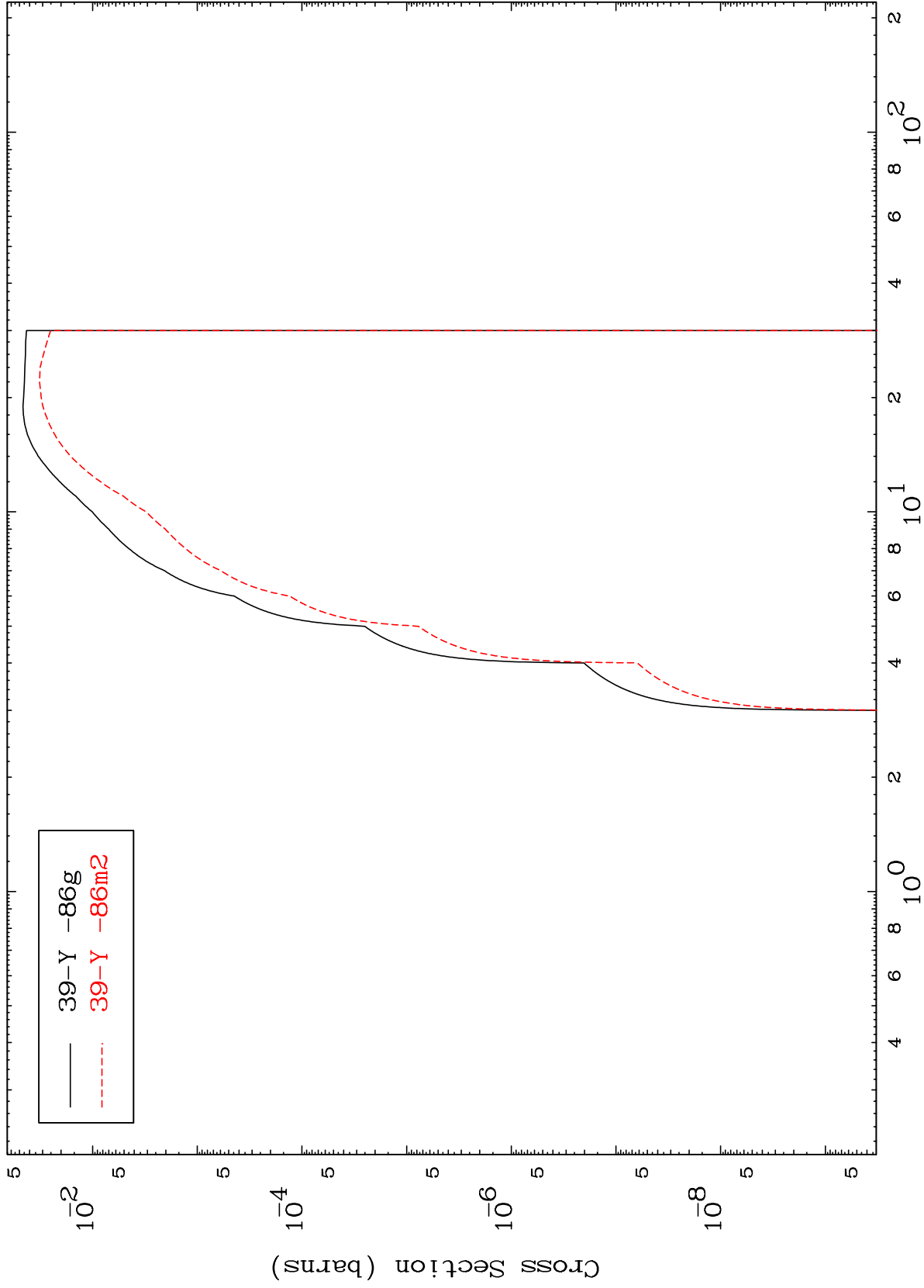
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MAT 3916

(d,d)

39-Y -86

Radionuclide Production Cross Section



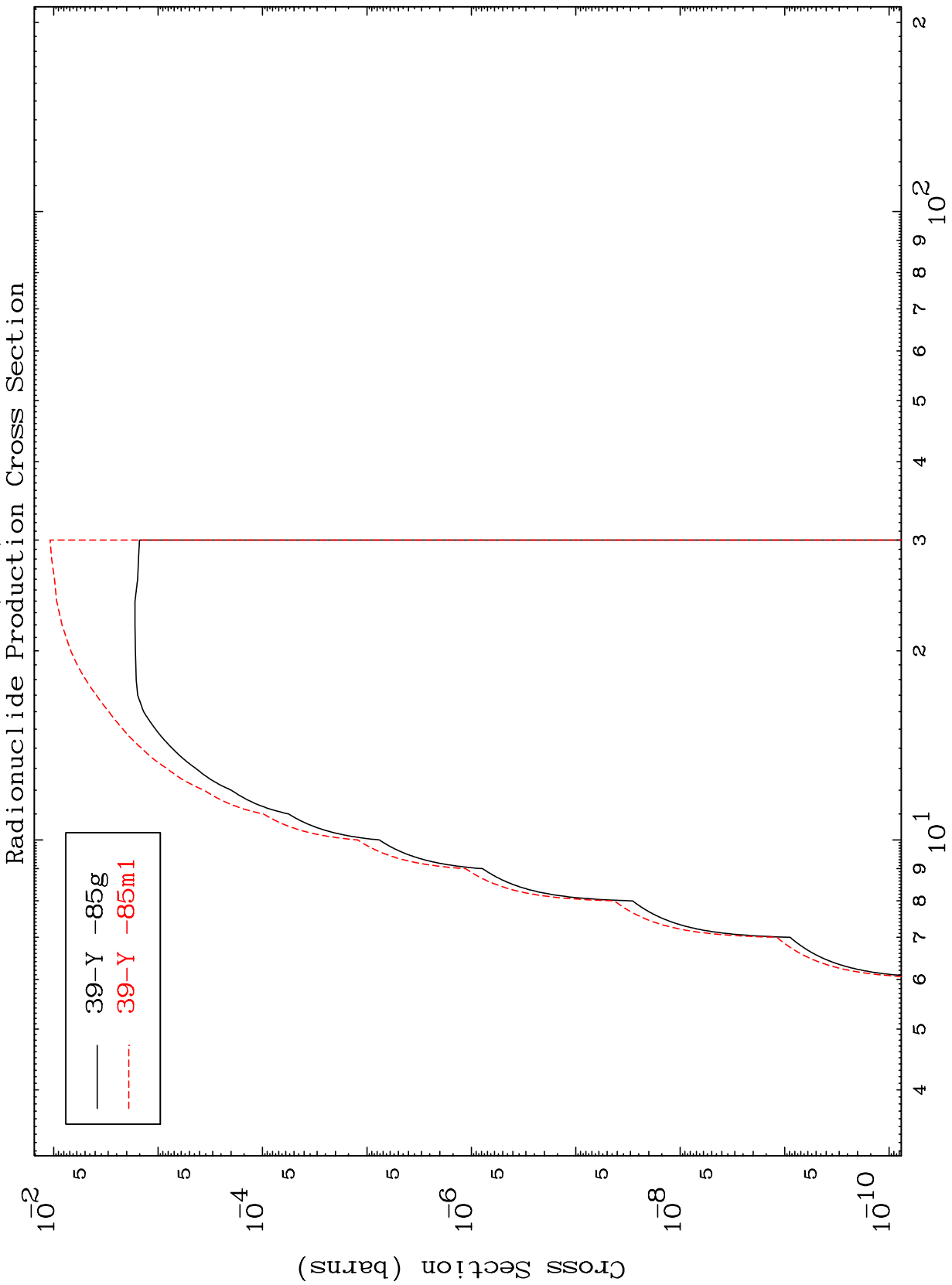
25

Incident Energy (MeV)

39-Y -86

MAT 3916

39-Y -86



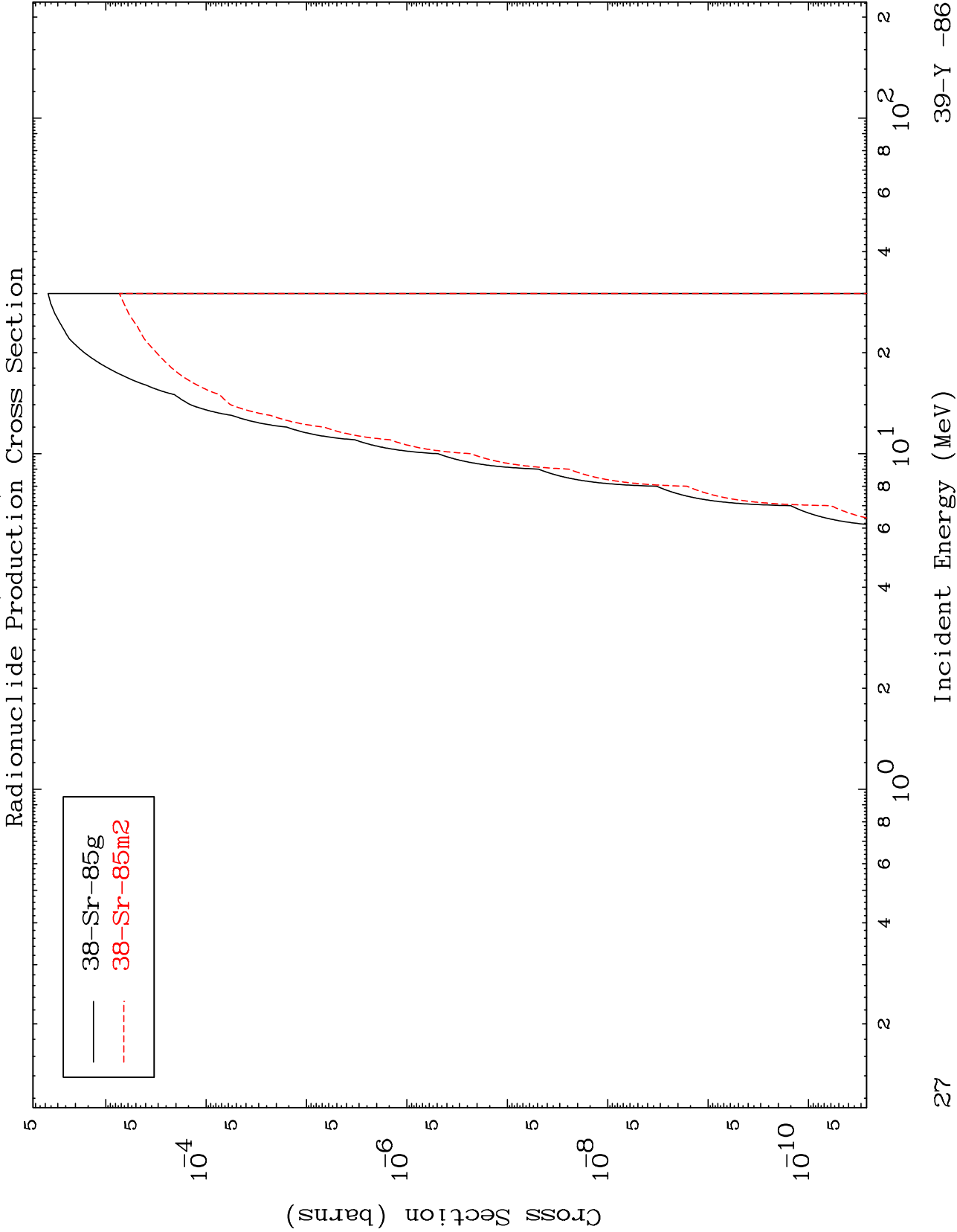
26

39-Y -86

MAT 3916

(d,He-3)

39-Y -86



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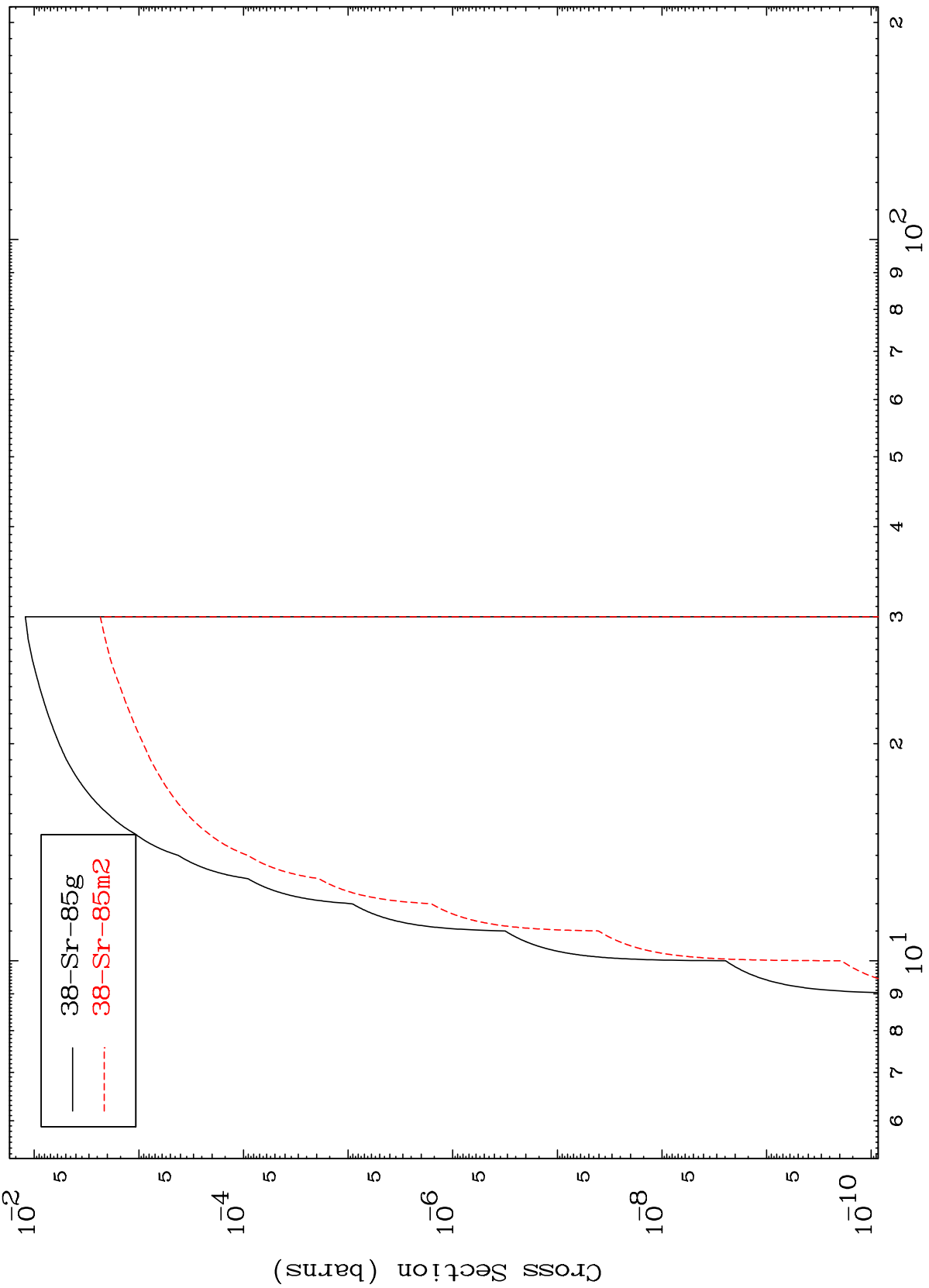
39-Y -86

MAT 3916

(d,p) d

39-Y -86

Radionuclide Production Cross Section



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Incident Energy (MeV)

39-Y -86

