

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

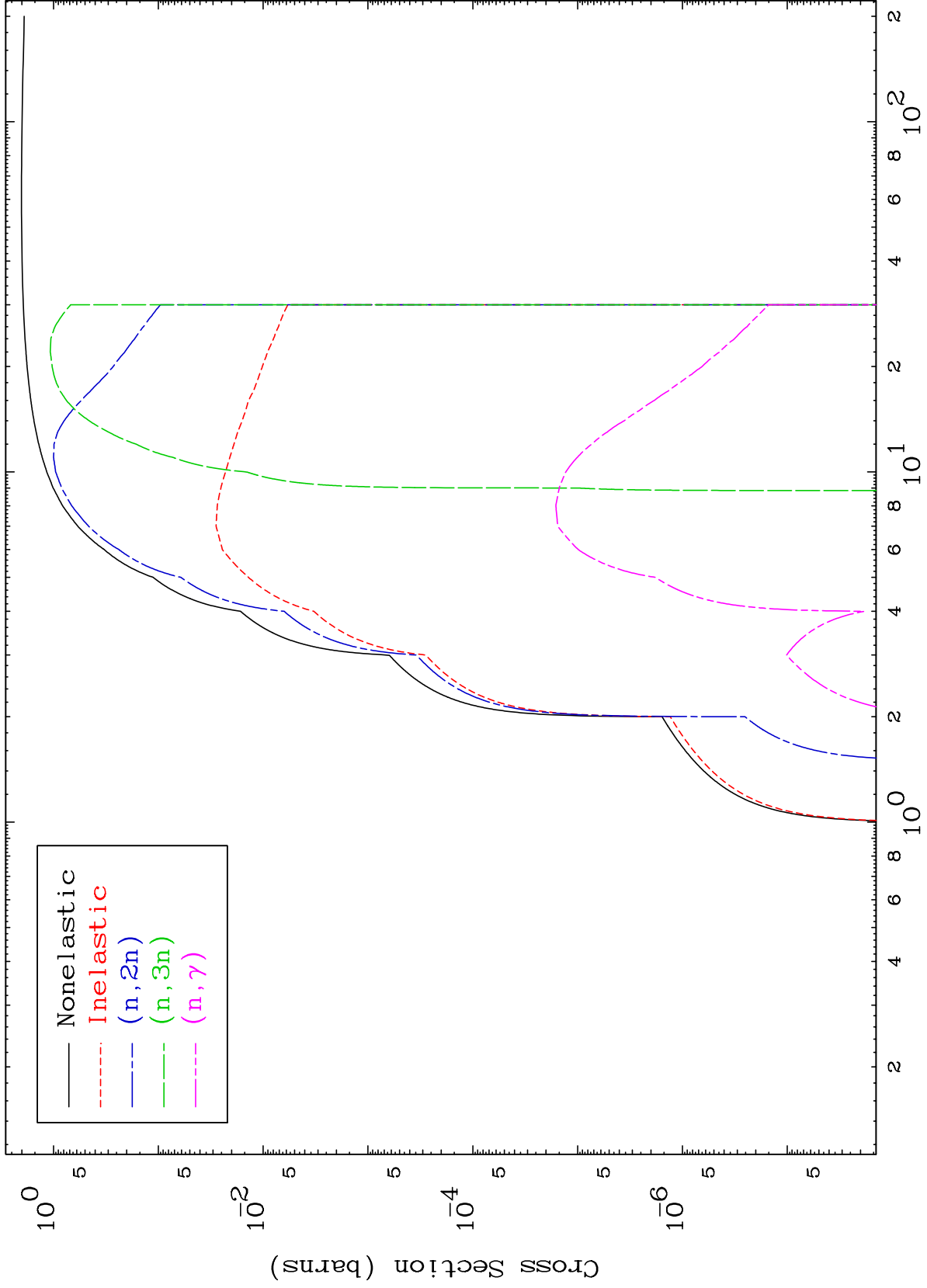
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

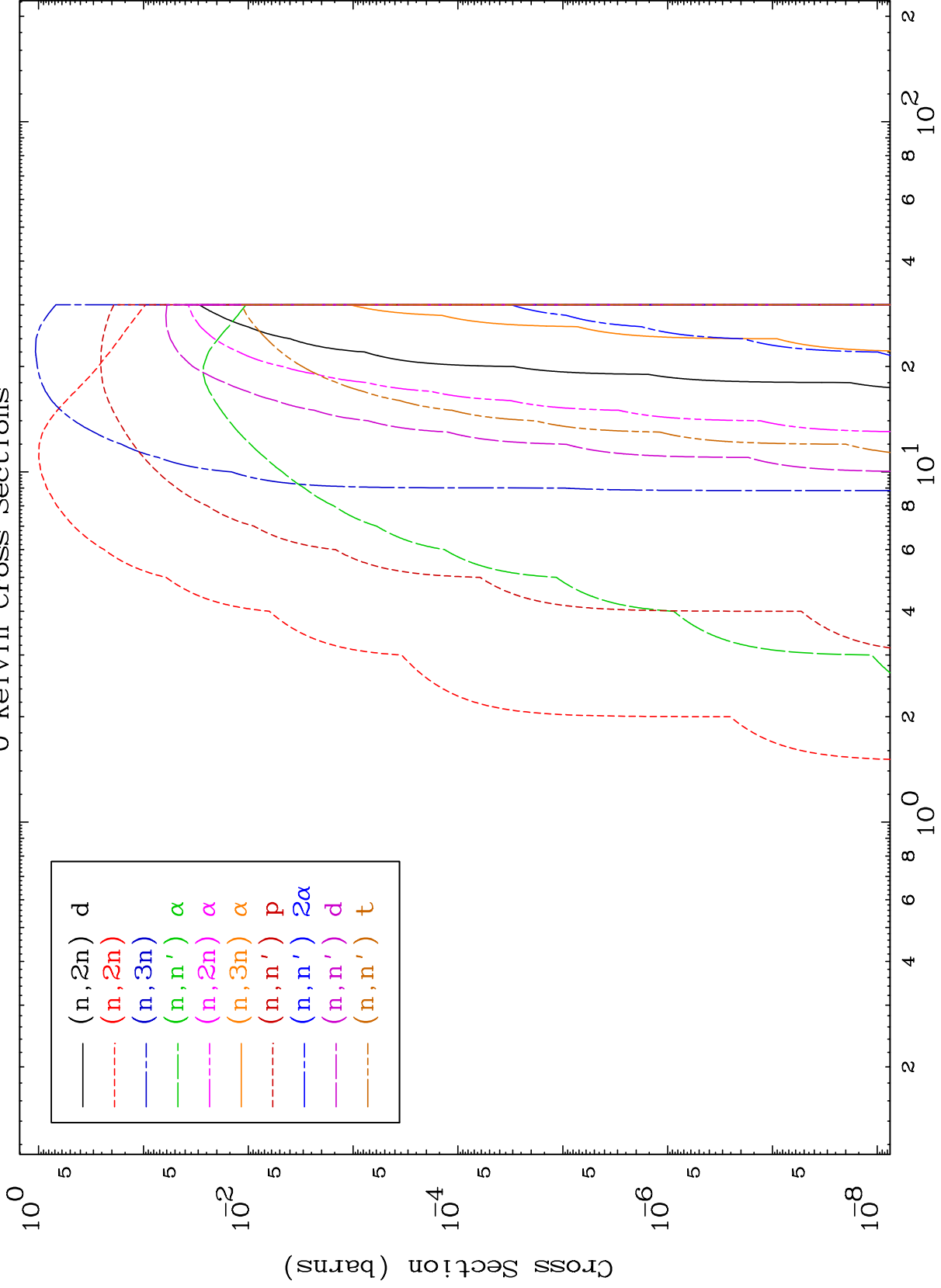
Tele: 925-443-1911

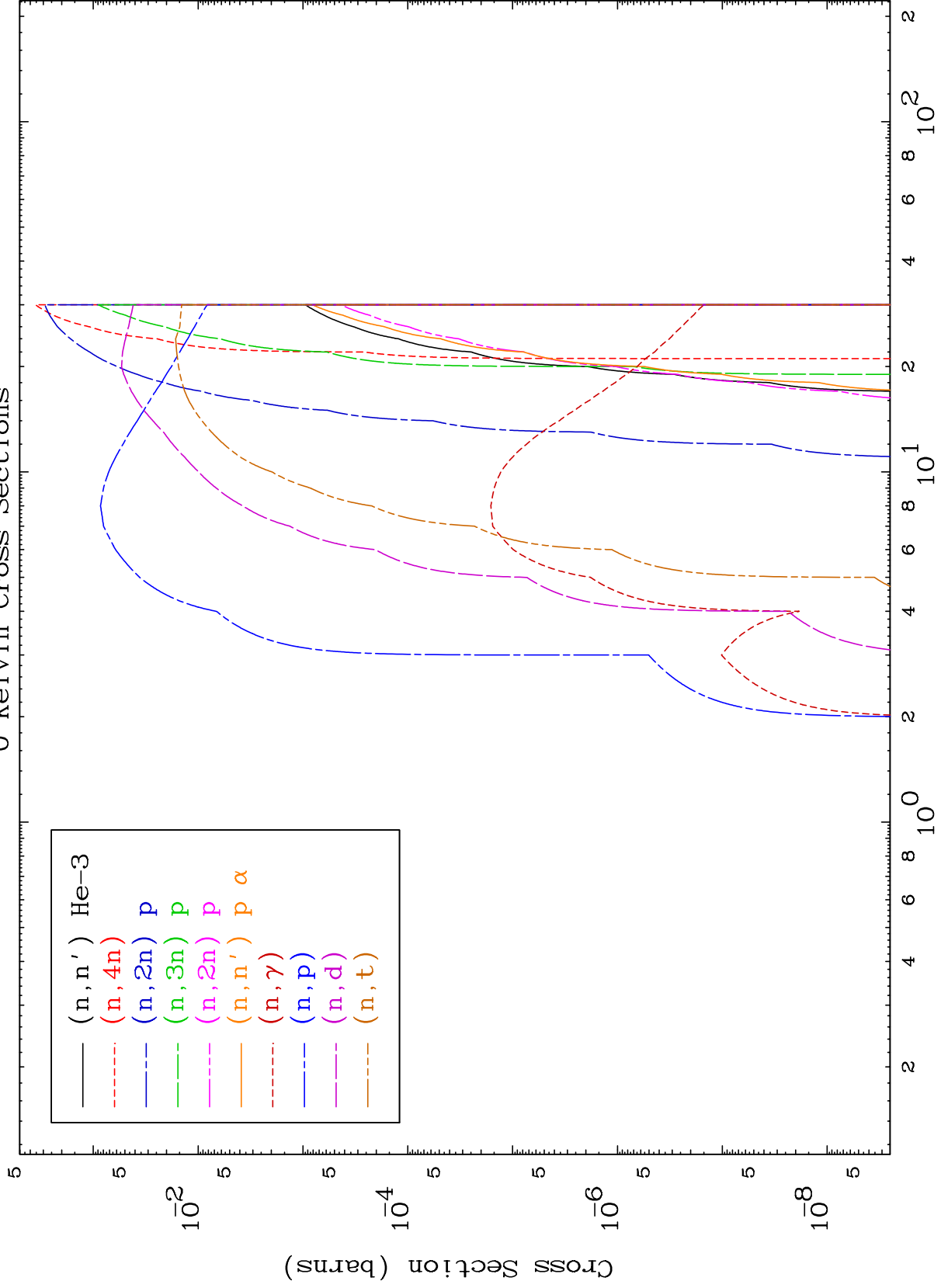
E.Mail:redcullen1@comcast.net

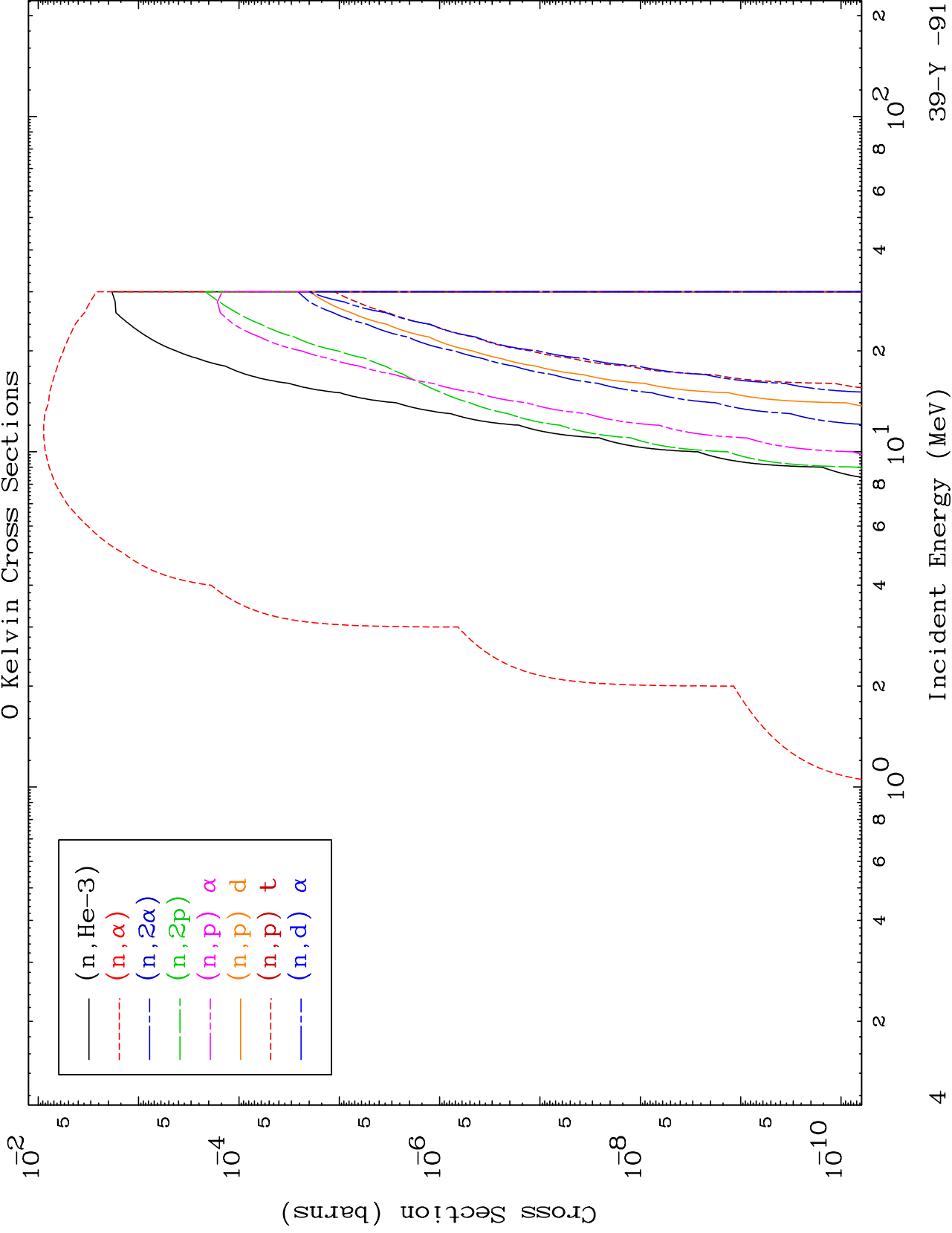
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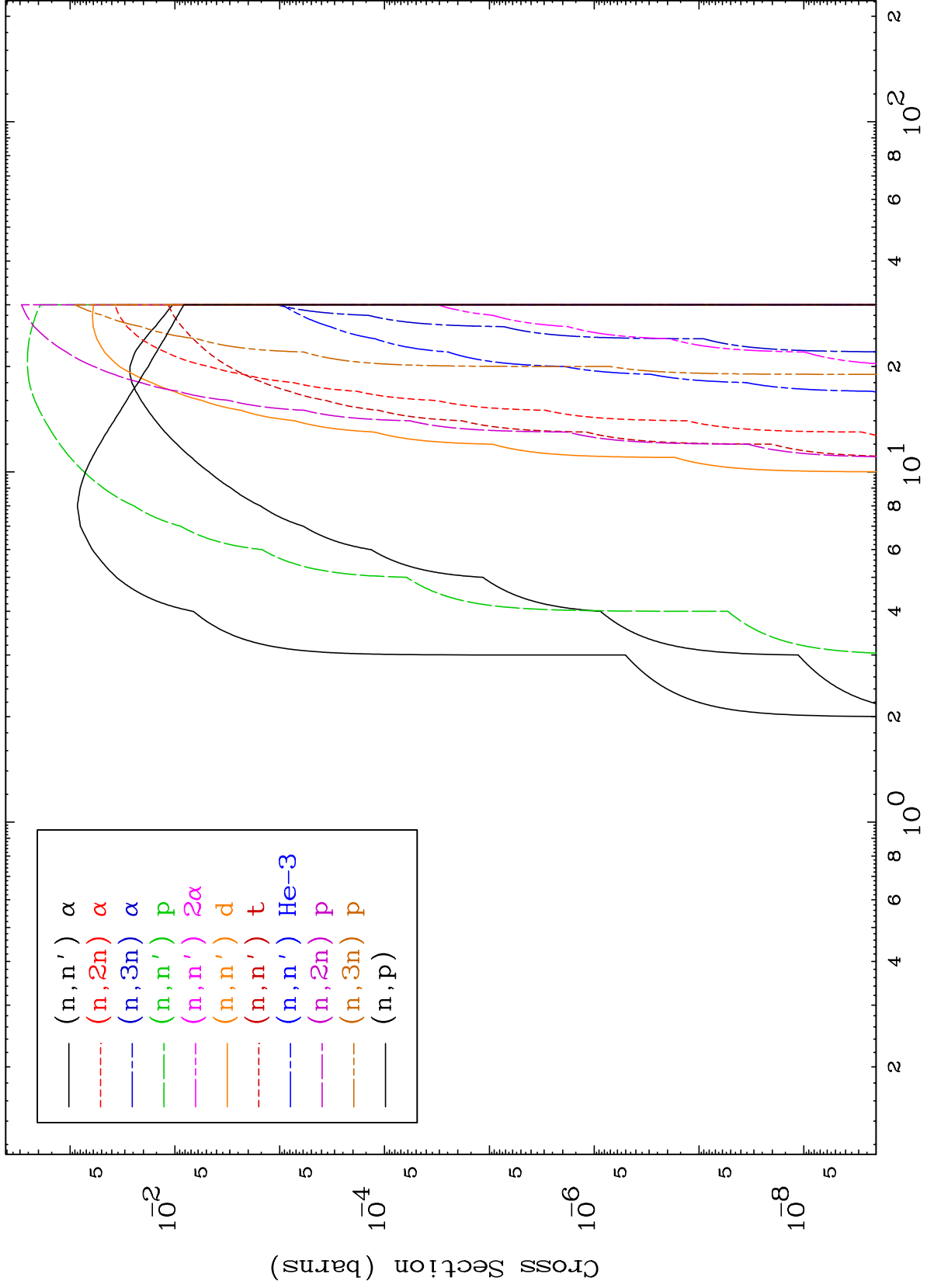
Press Mouse Button to Start

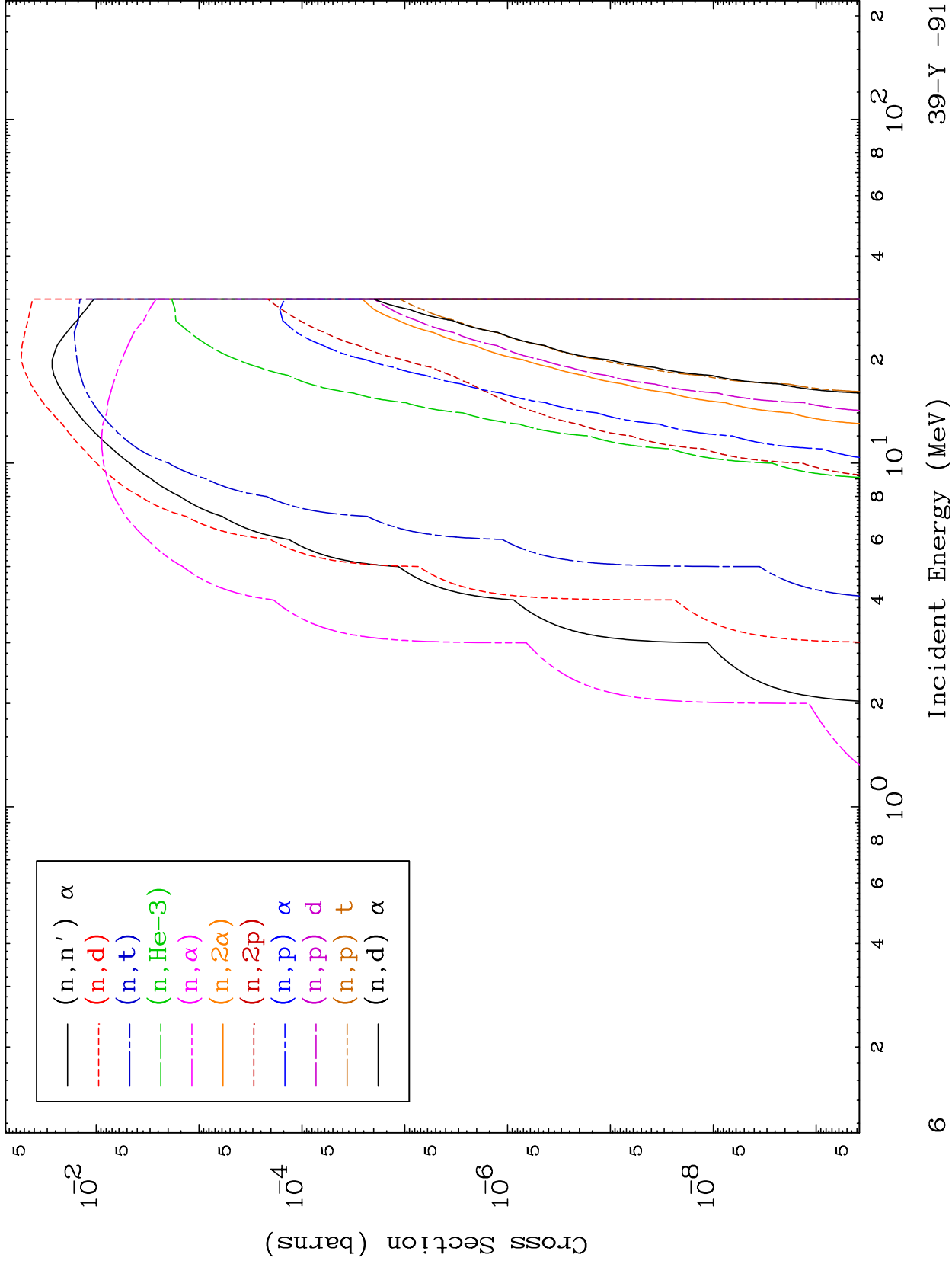








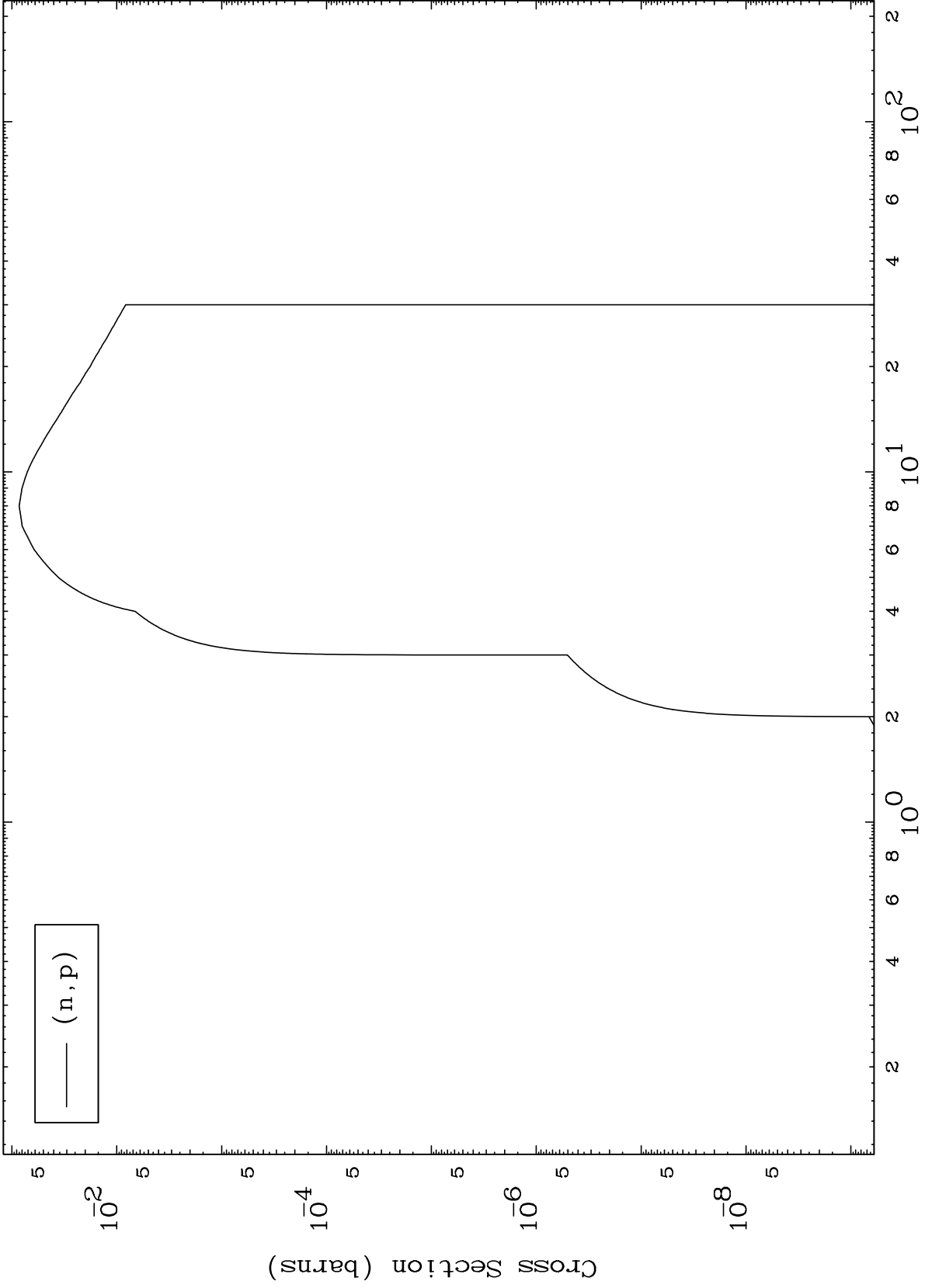




MAT 3931

(d,p) Levels  
0 Kelvin Cross Sections

39-Y -91



7

Incident Energy (MeV)

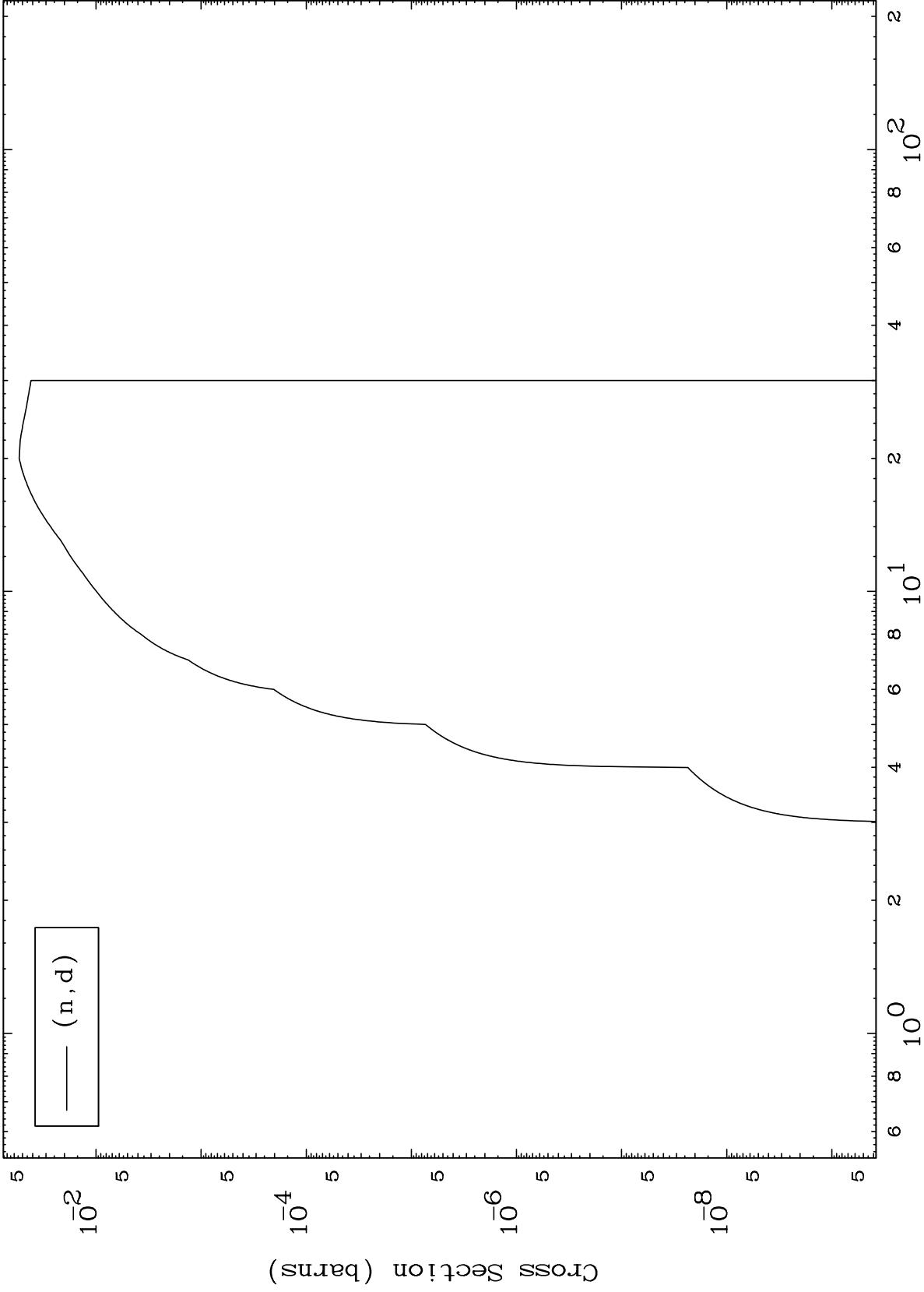
39-Y -91

MAT 3931

(d,d) Levels

39-Y -91

0 Kelvin Cross Sections

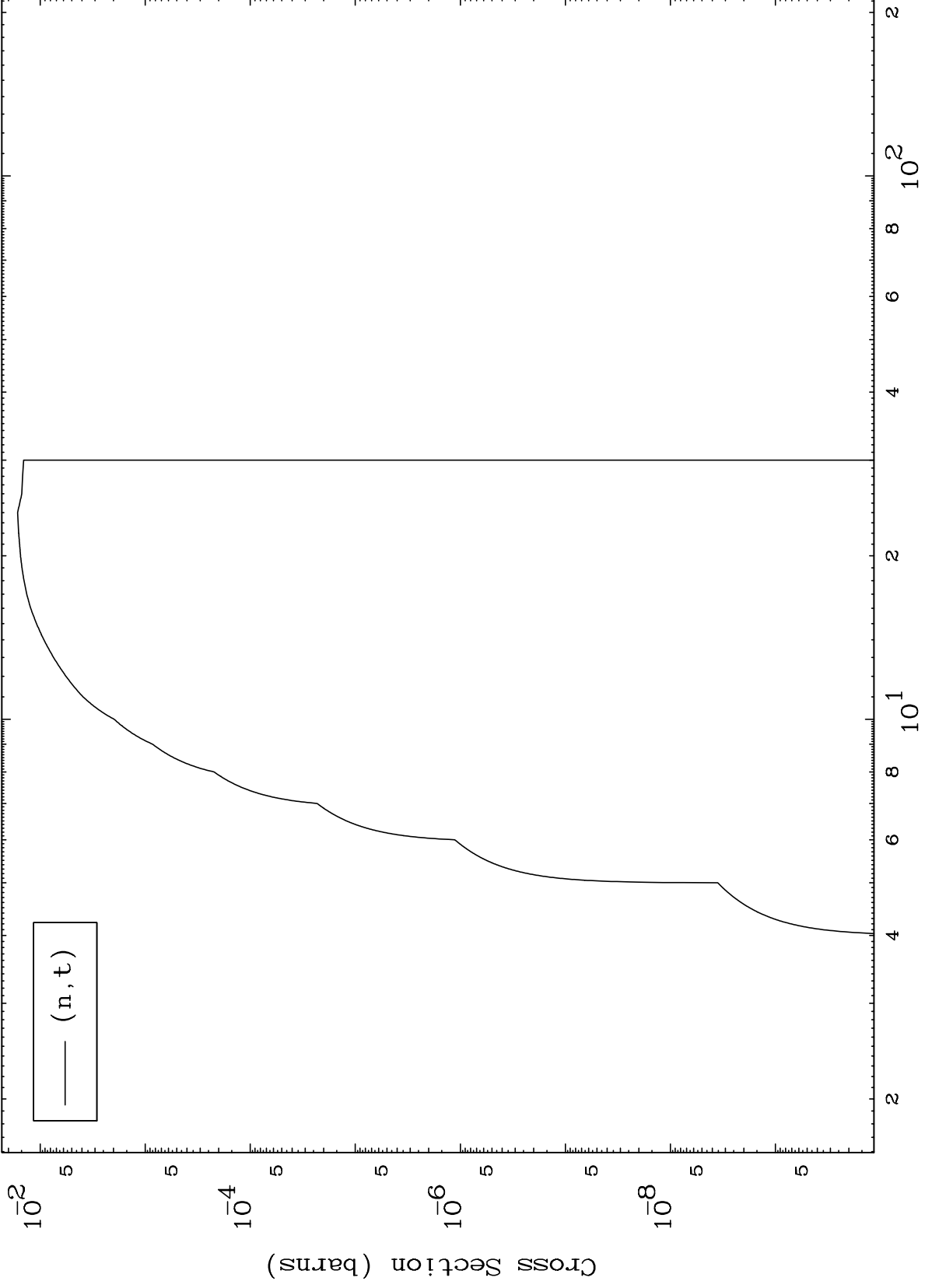


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Incident Energy (MeV)

39-Y -91

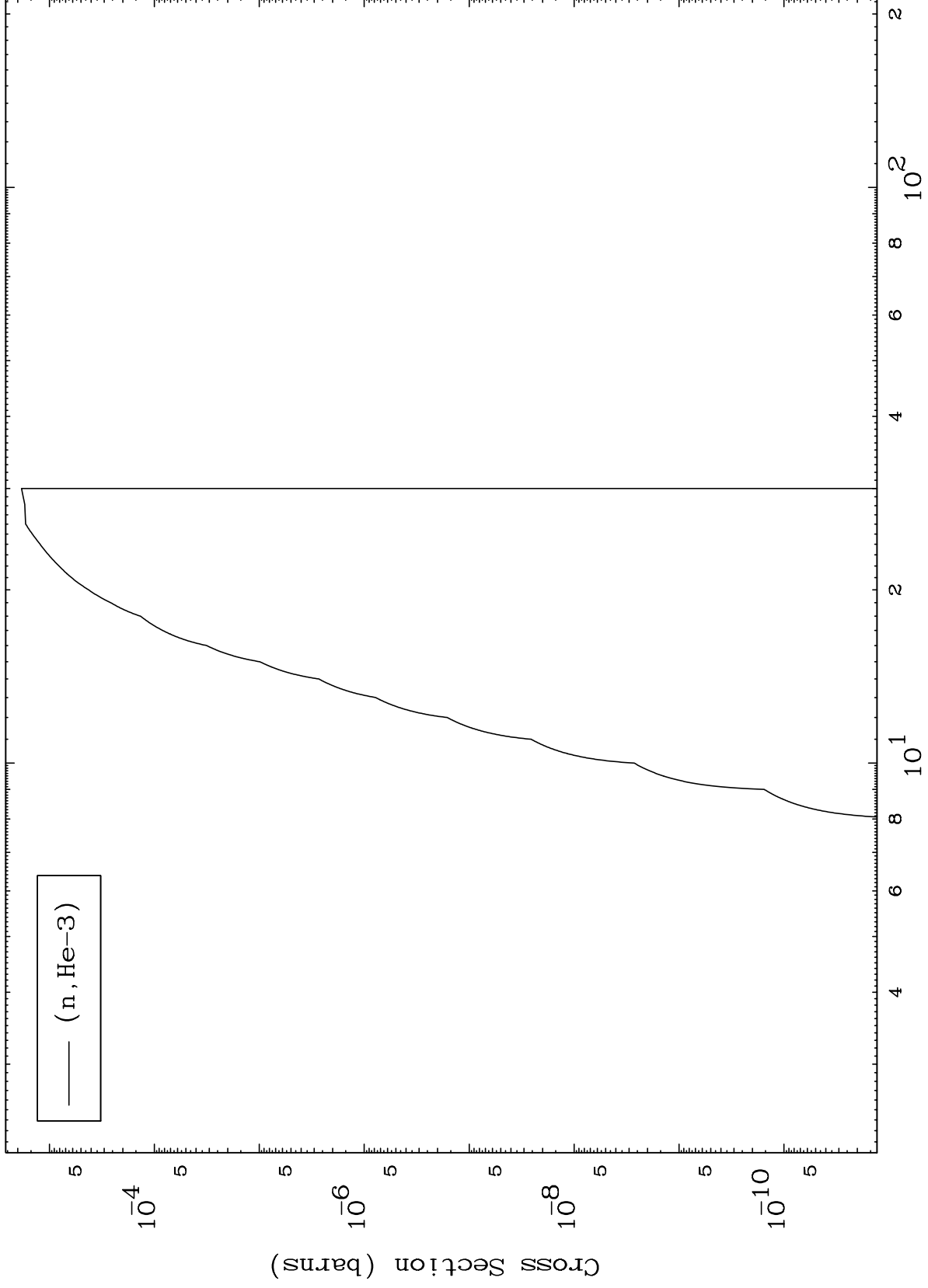
(d,t) Levels  
0 Kelvin Cross Sections



MAT 3931

39-Y -91

(d,He3) Levels  
0 Kelvin Cross Sections



10

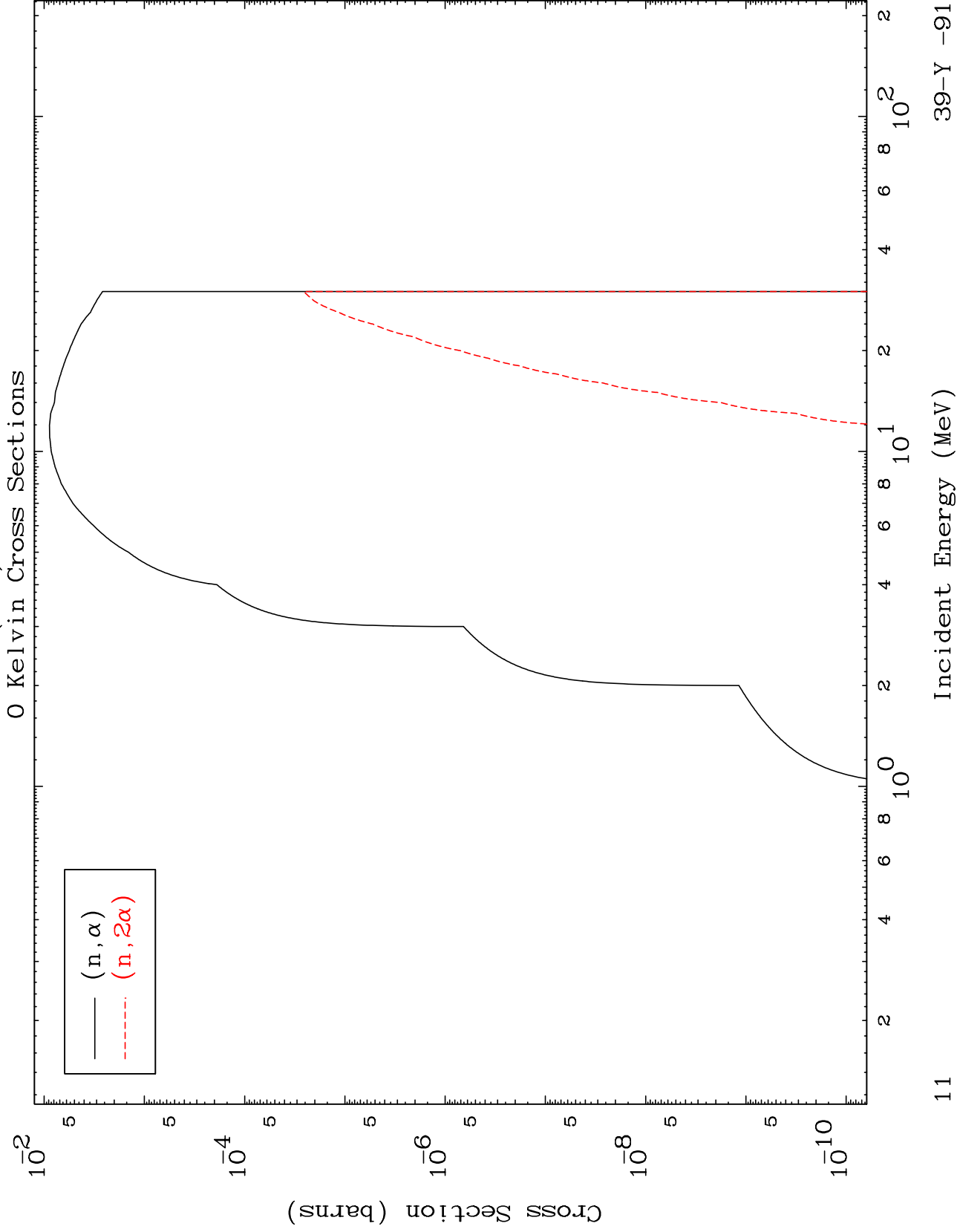
39-Y -91

Incident Energy (MeV)

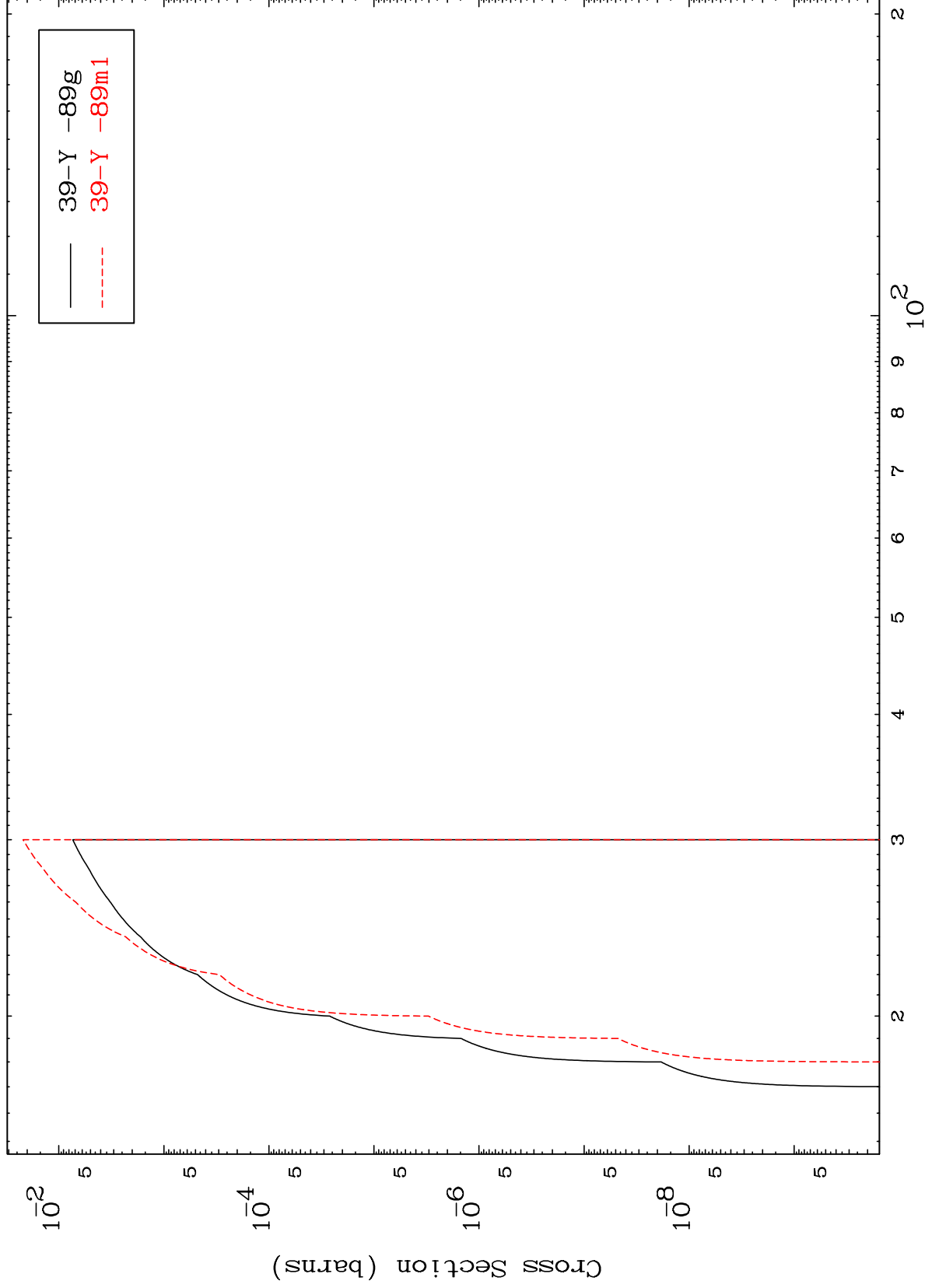
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(d,  $\alpha$ ) Levels

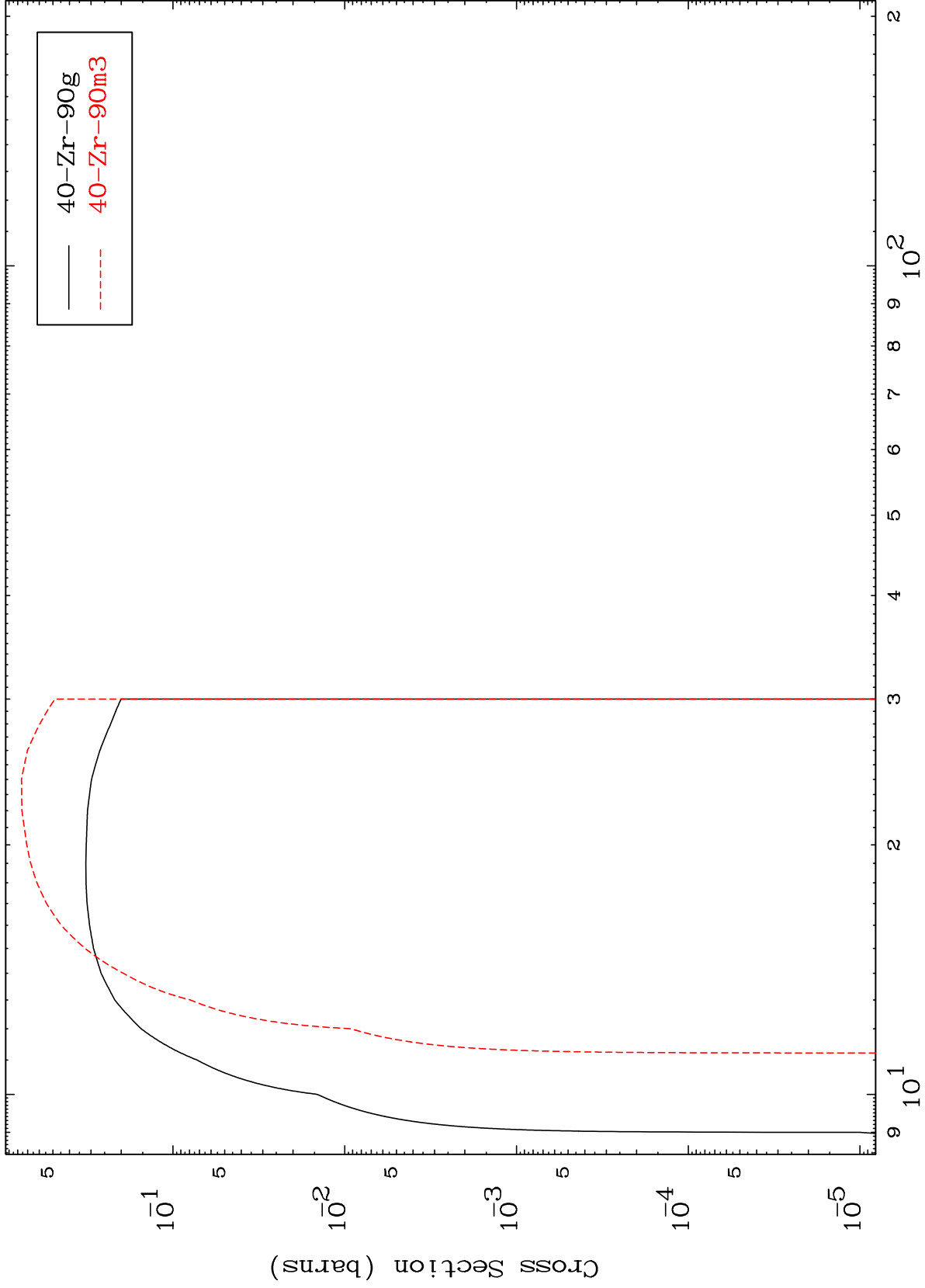
39-Y -91



Radionuclide Production Cross Section



(n,3n)  
Radionuclide Production Cross Section



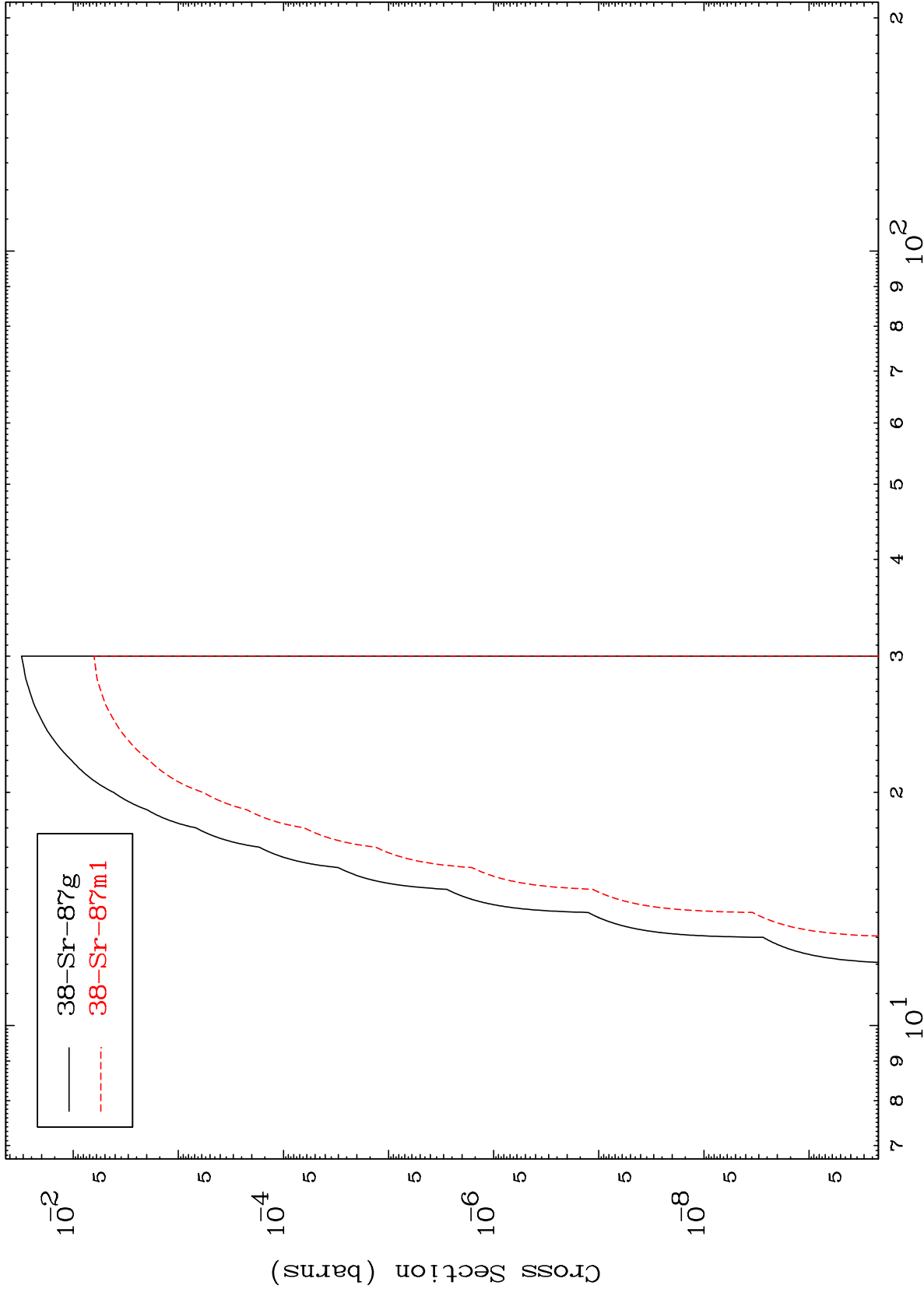
— 40-Zr-90g  
- - - 40-Zr-90m3

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(n,2n)  $\alpha$

39-Y -91

Radionuclide Production Cross Section



14

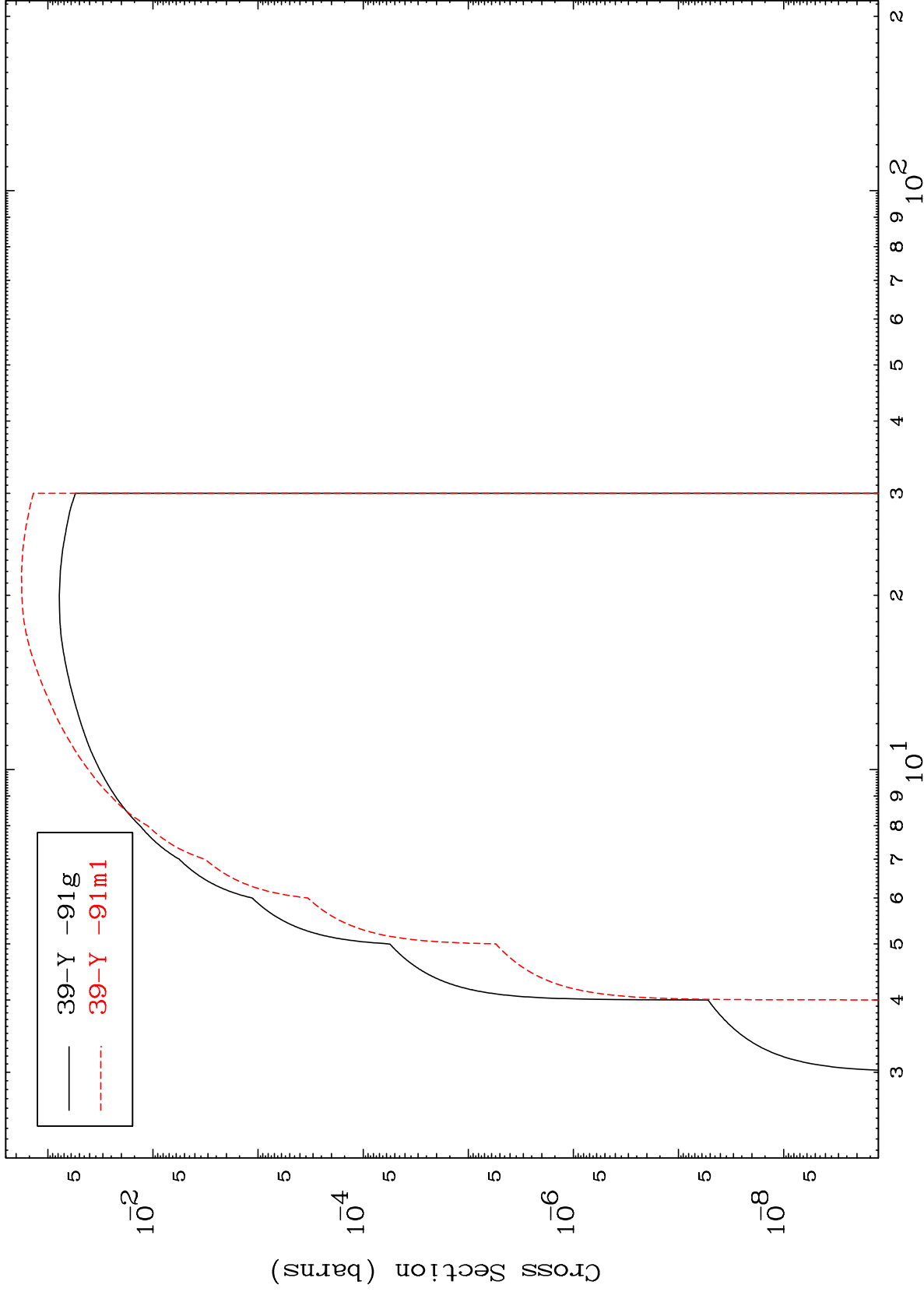
Incident Energy (MeV)

39-Y -91

MAT 3931

39-Y -91

Radionuclide Production Cross Section



15

Incident Energy (MeV)

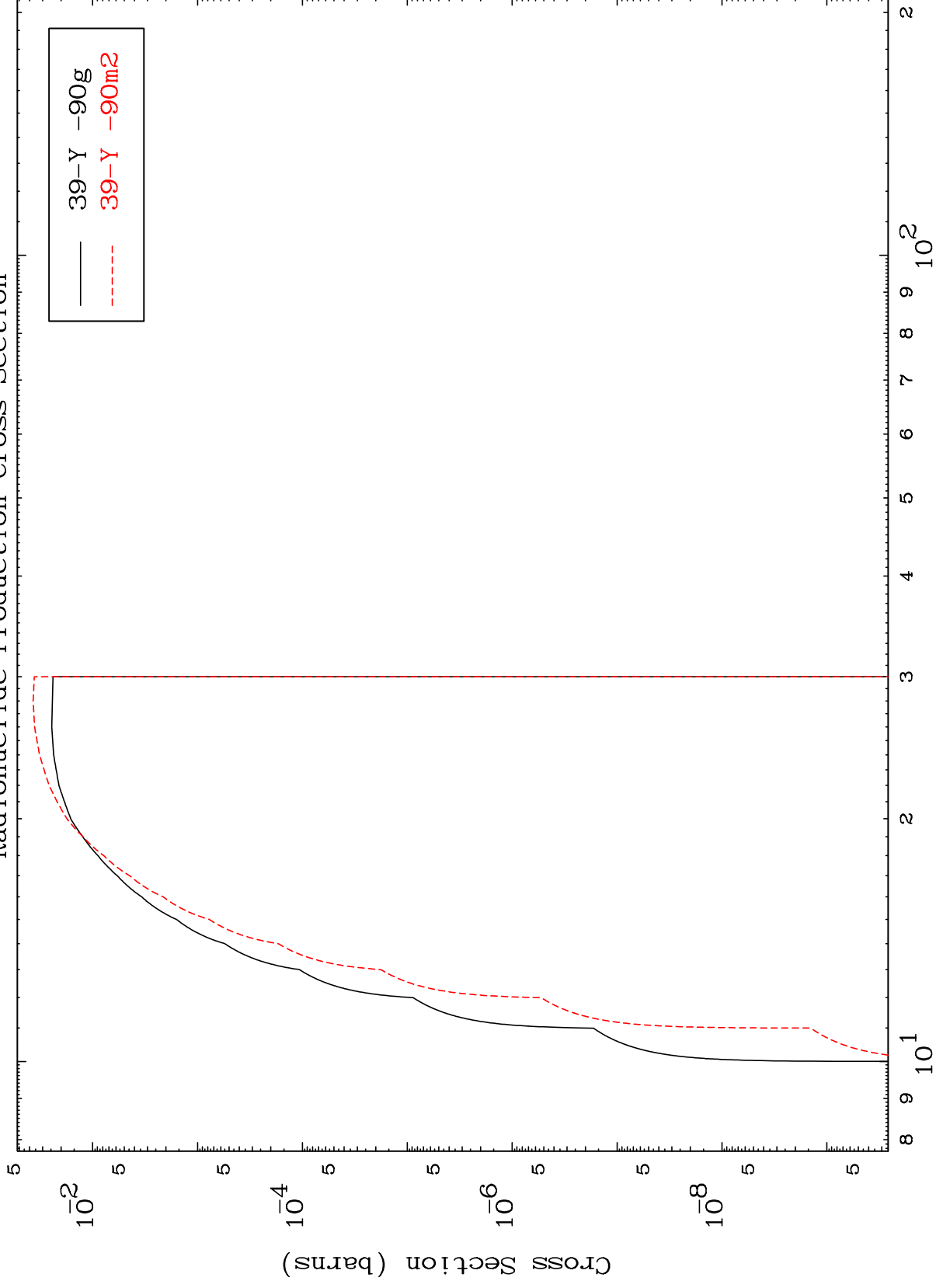
39-Y -91

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(n,n') d

39-Y -91

Radionuclide Production Cross Section



16

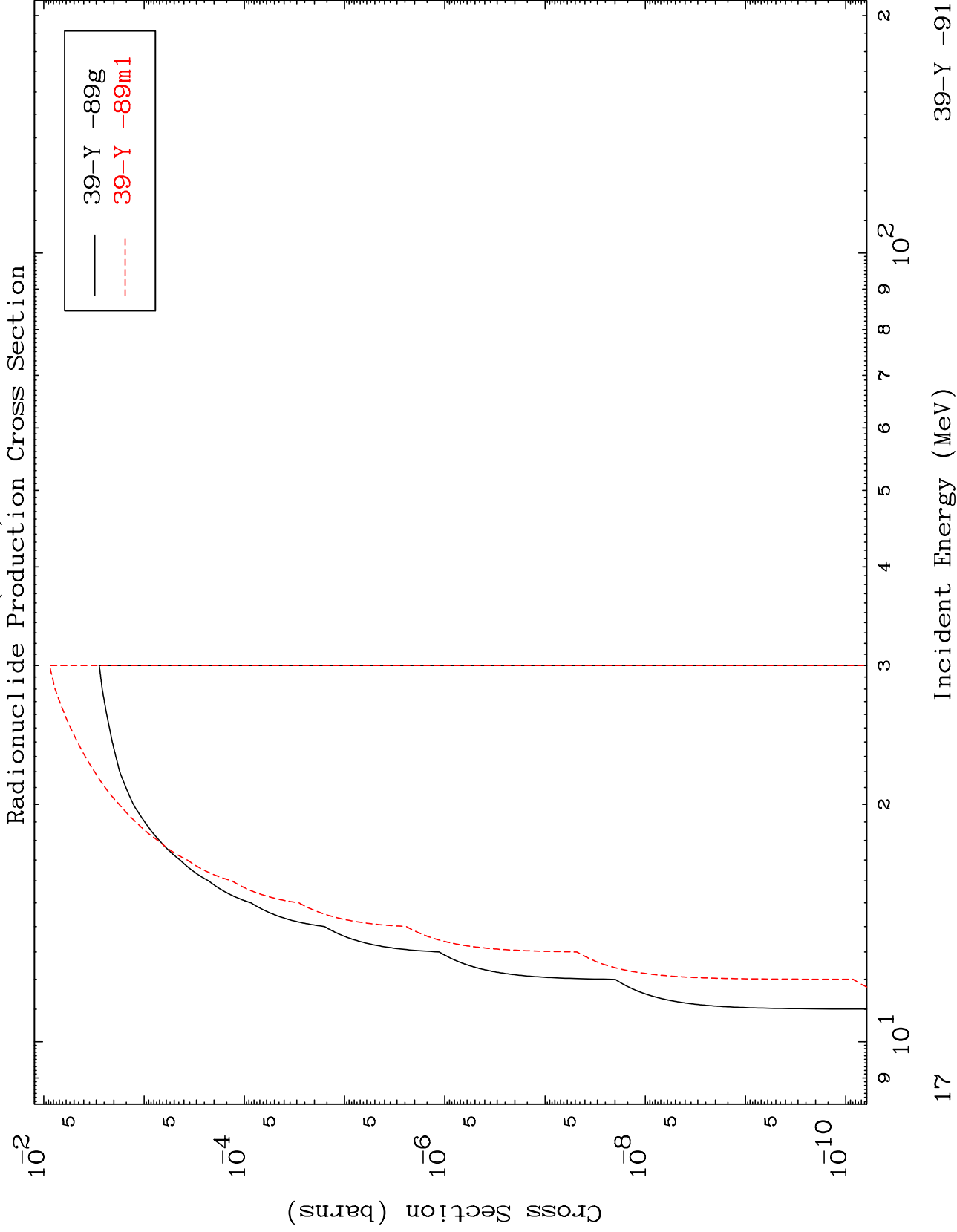
Incident Energy (MeV)

39-Y -91

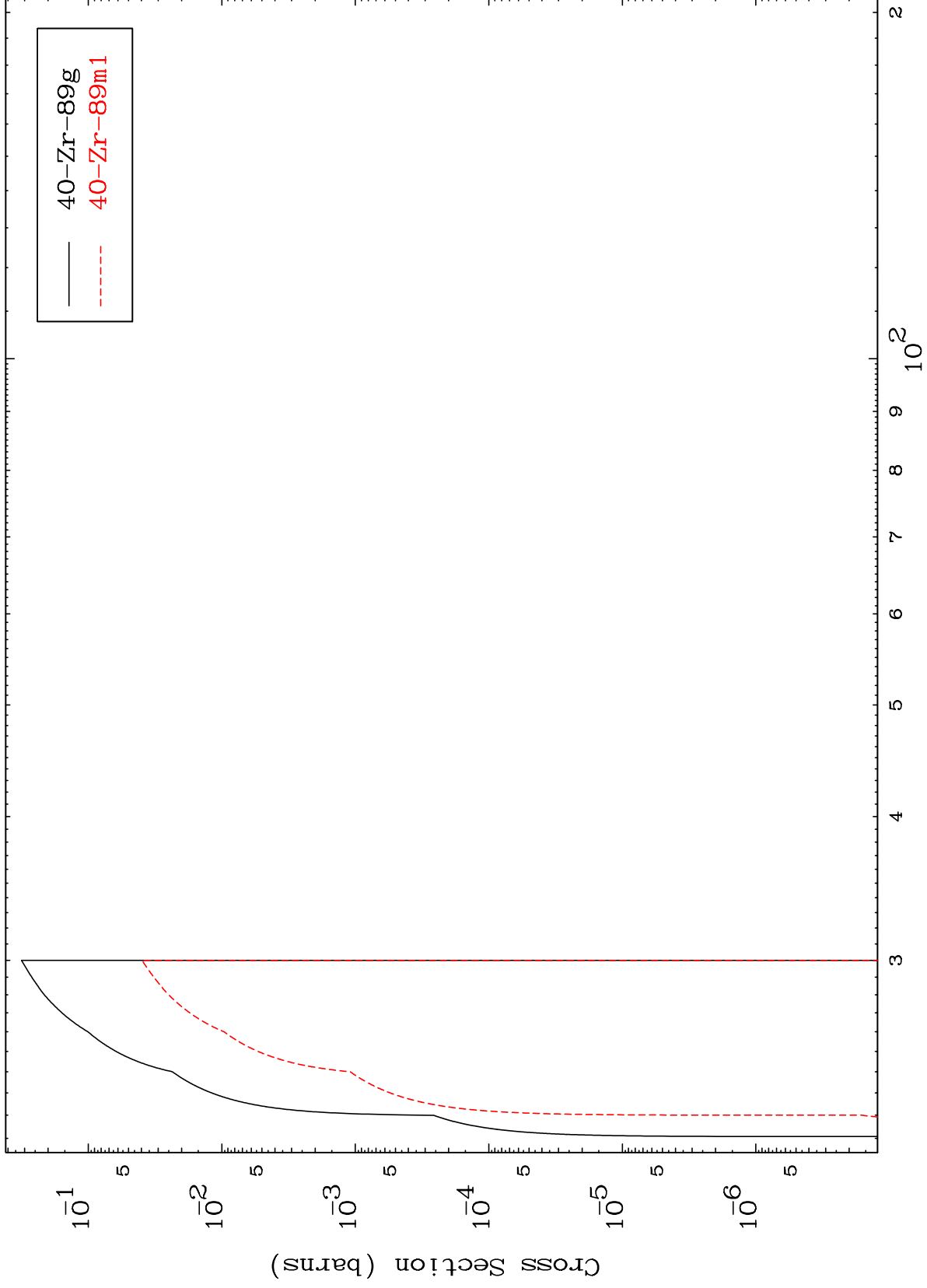
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(n,n') t

39-Y -91



(n,4n)  
Radionuclide Production Cross Section

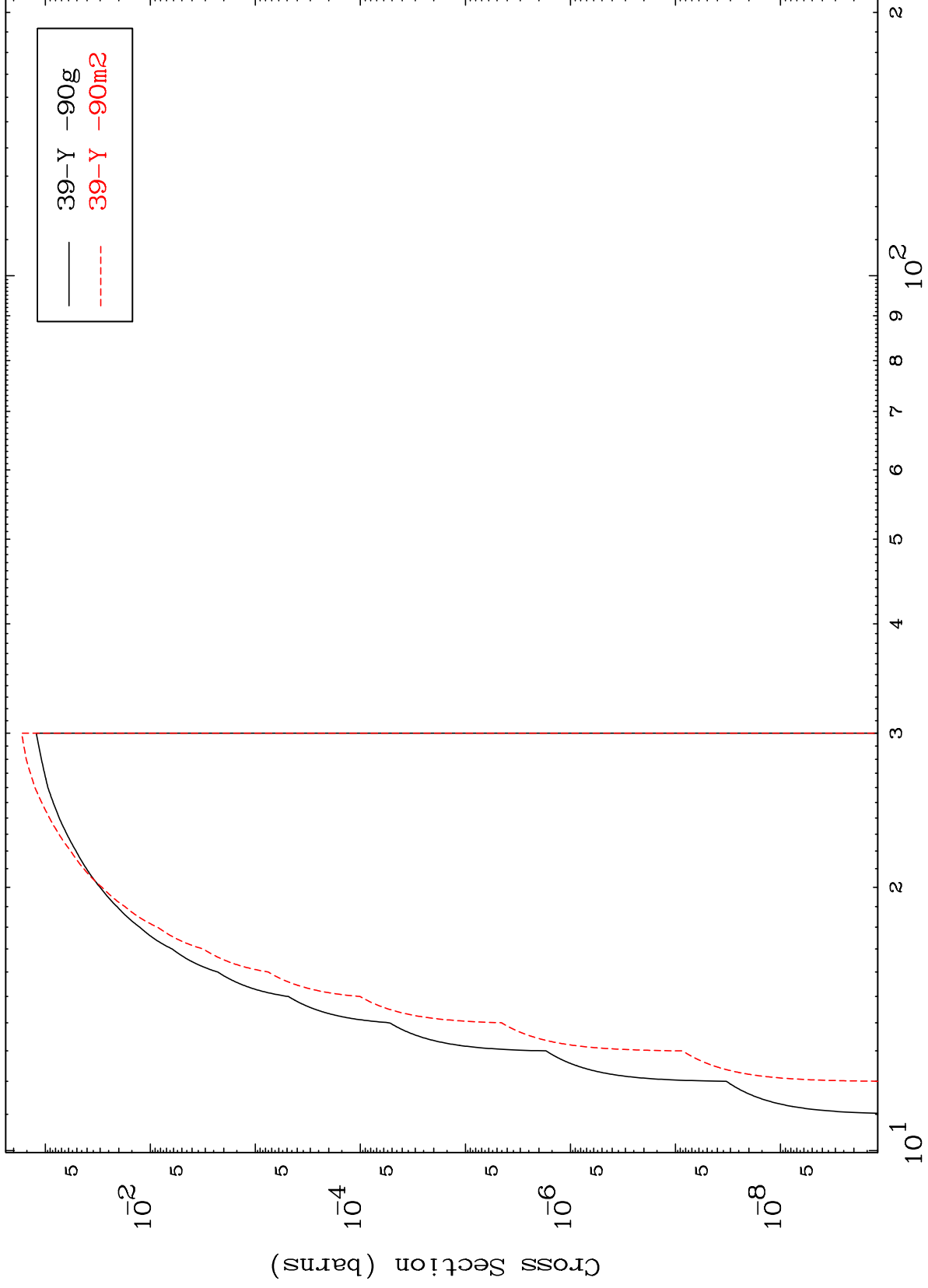


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(n,2n) p

39-Y -91

Radionuclide Production Cross Section



19

Incident Energy (MeV)

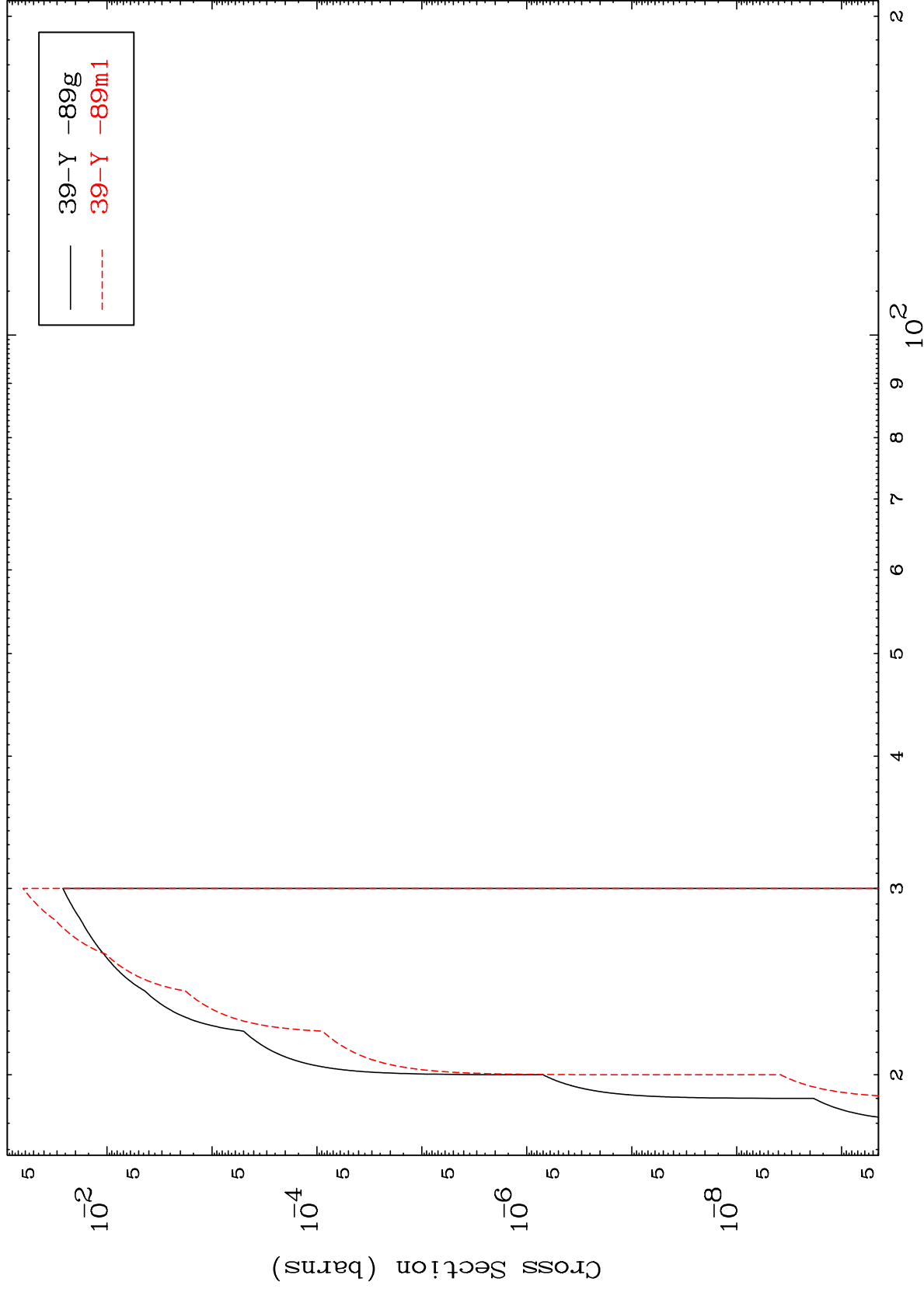
39-Y -91

MAT 3931

(n,3n) p

39-Y -91

Radionuclide Production Cross Section



20

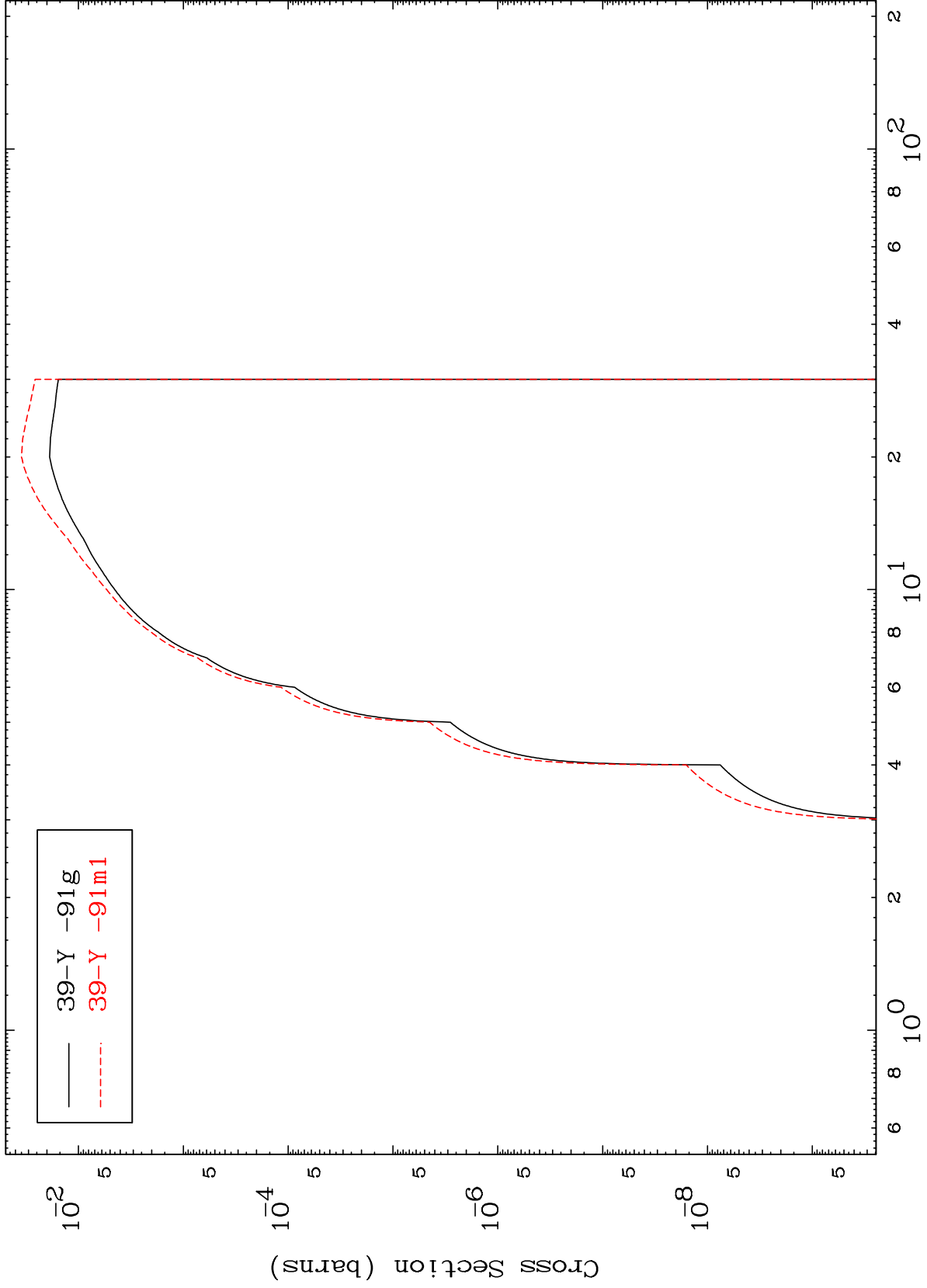
Incident Energy (MeV)

39-Y -91

MAT 3931

39-Y -91

(n,d)  
Radionuclide Production Cross Section



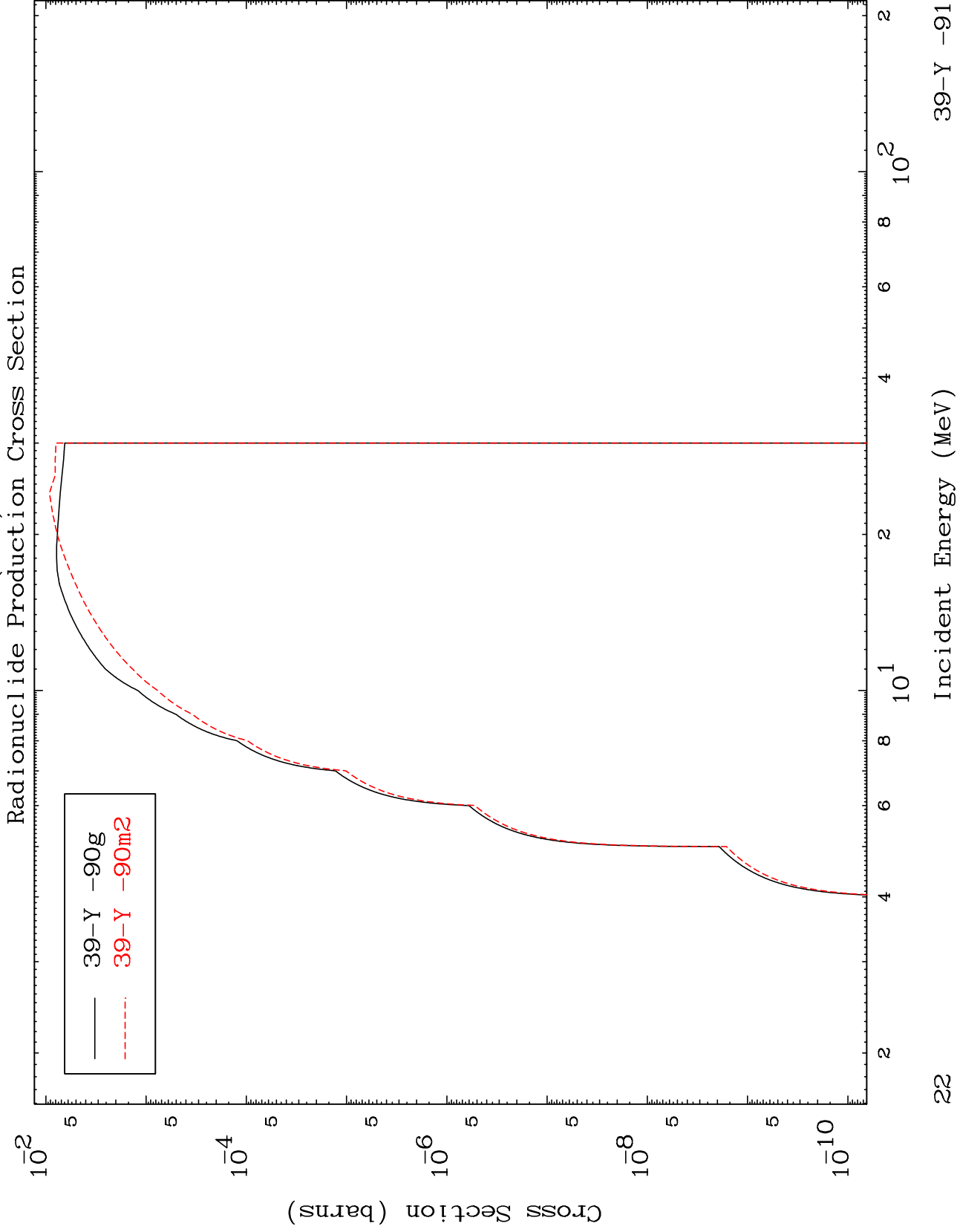
21

39-Y -91

Incident Energy (MeV)

MAT 3931

39-Y -91



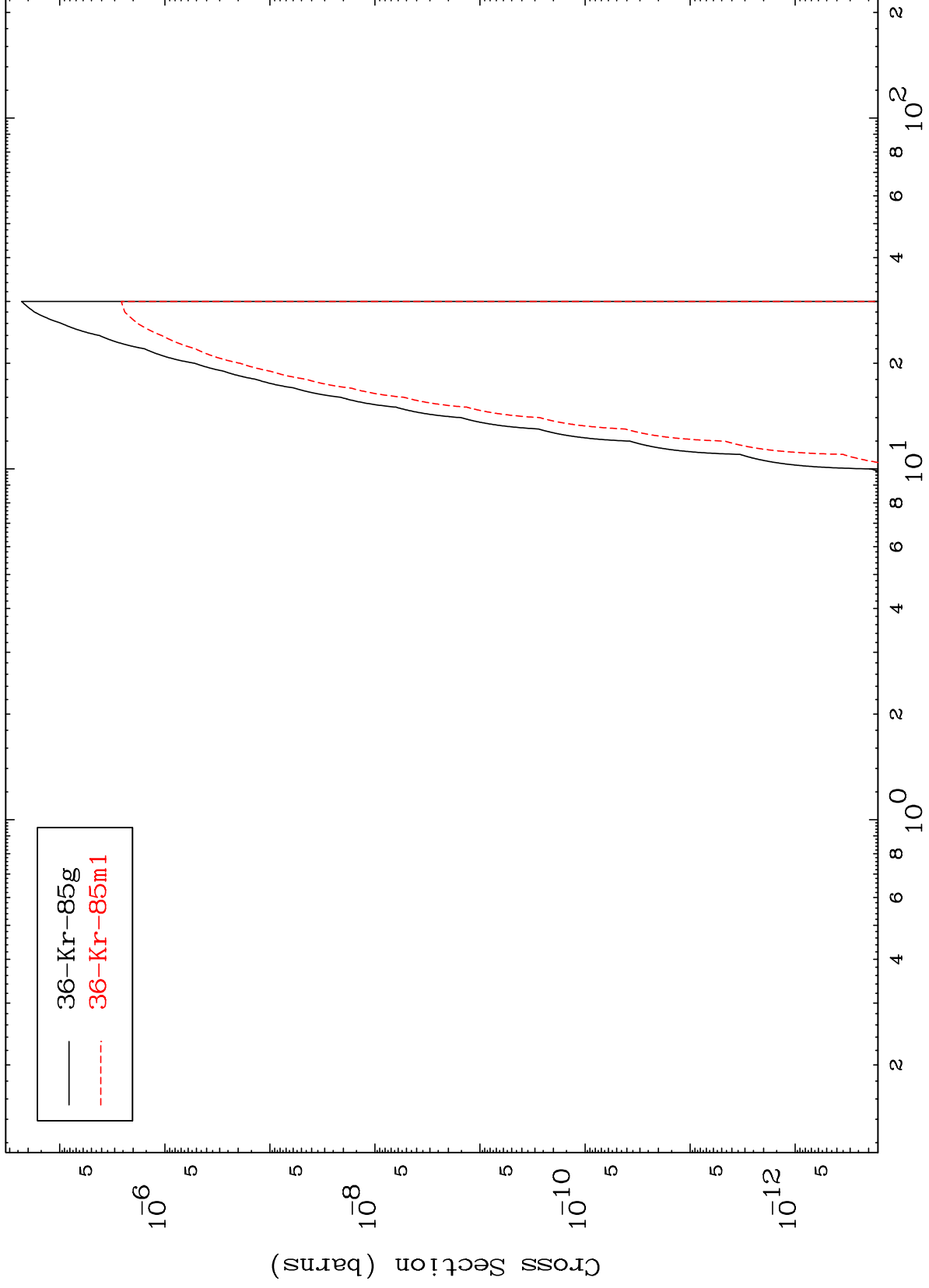
22

MAT 3931

(n,2α)

39-Y -91

Radionuclide Production Cross Section



36-Kr-85g  
36-Kr-85m1