

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

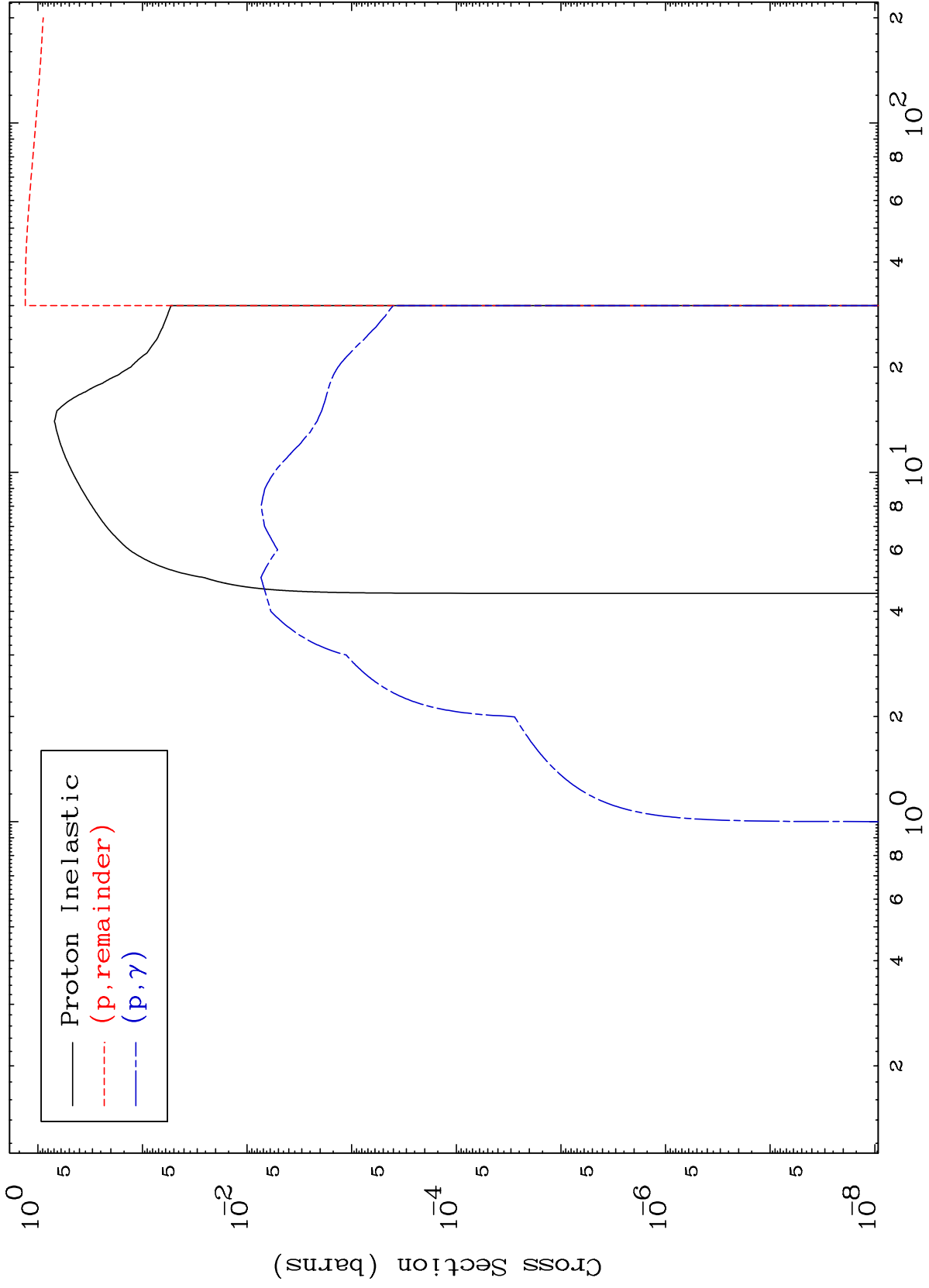
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Livermore, CA 94550  
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Tele: 925-443-1911

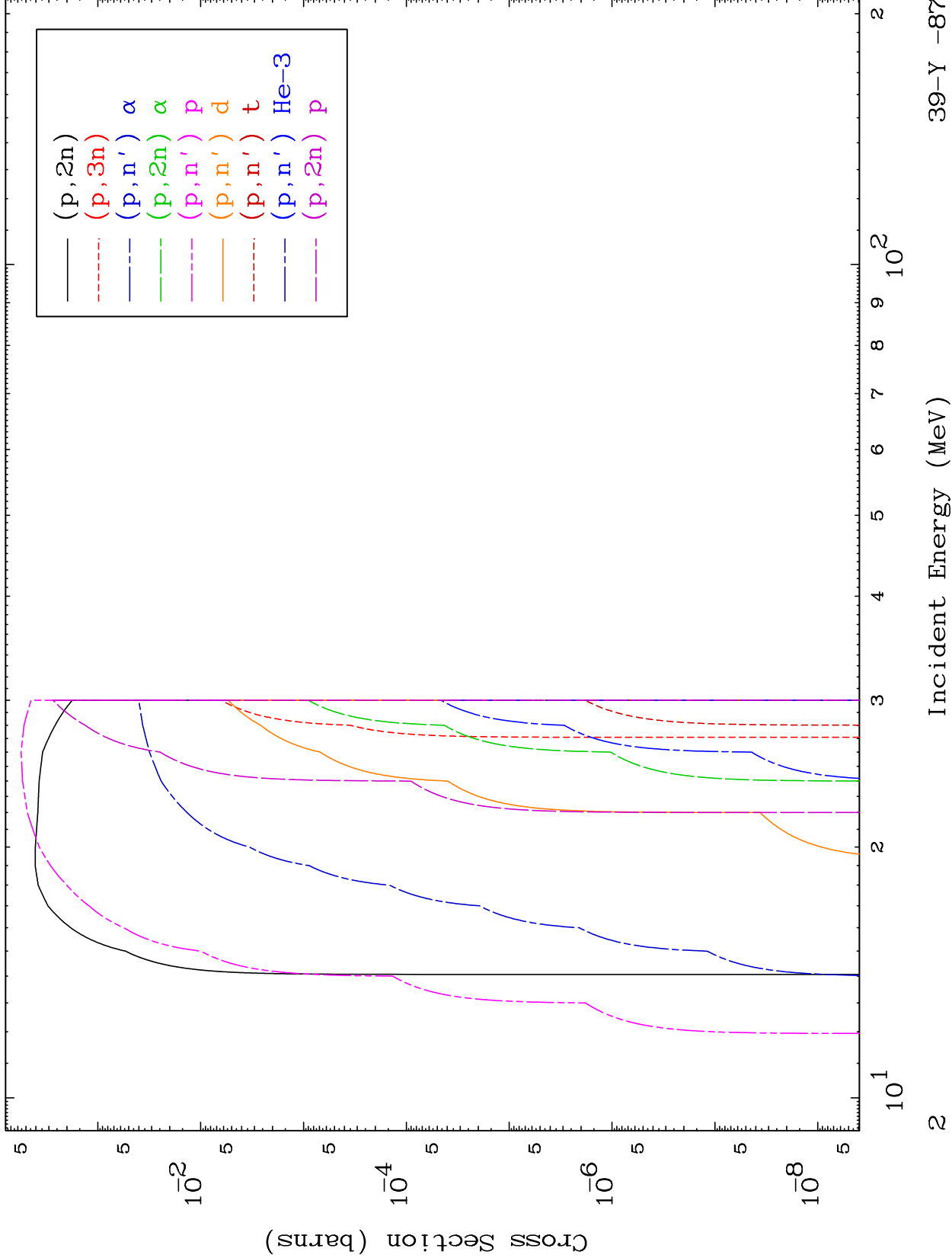
E.Mail:redcullen1@comcast.net

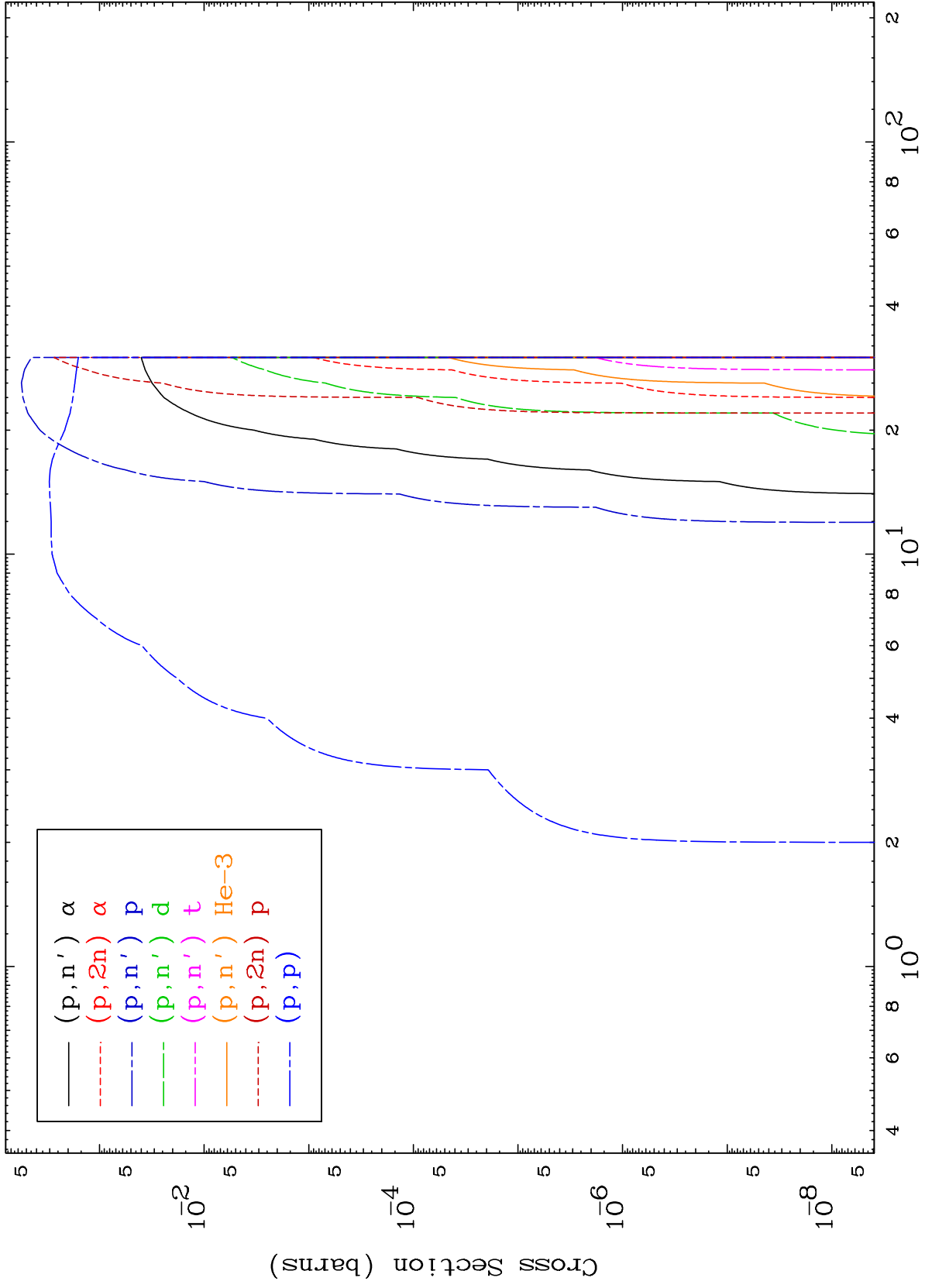
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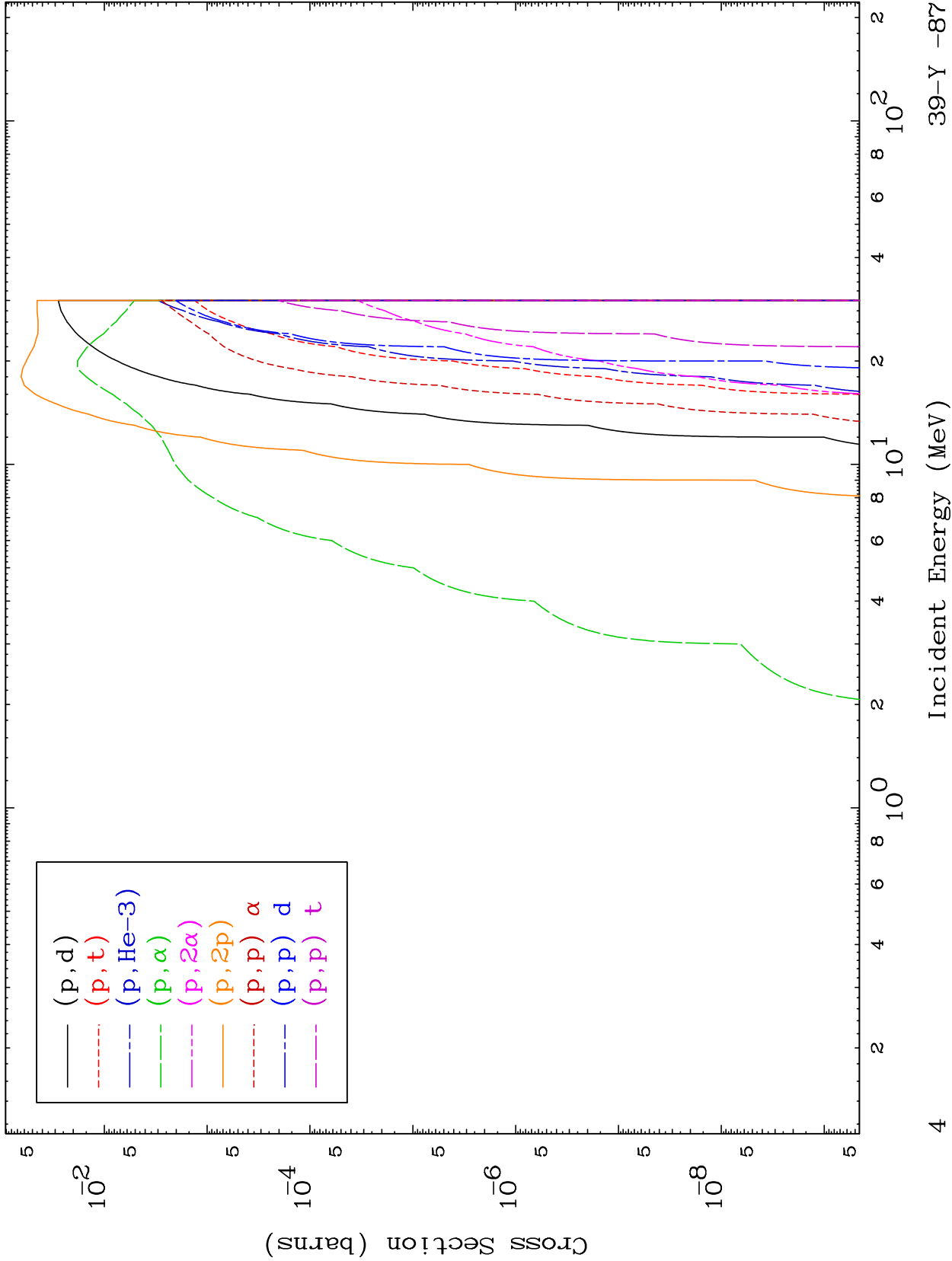
Press Mouse Button to Start



— Proton Inelastic  
- - - (p, remainder)  
- - - (p,  $\gamma$ )





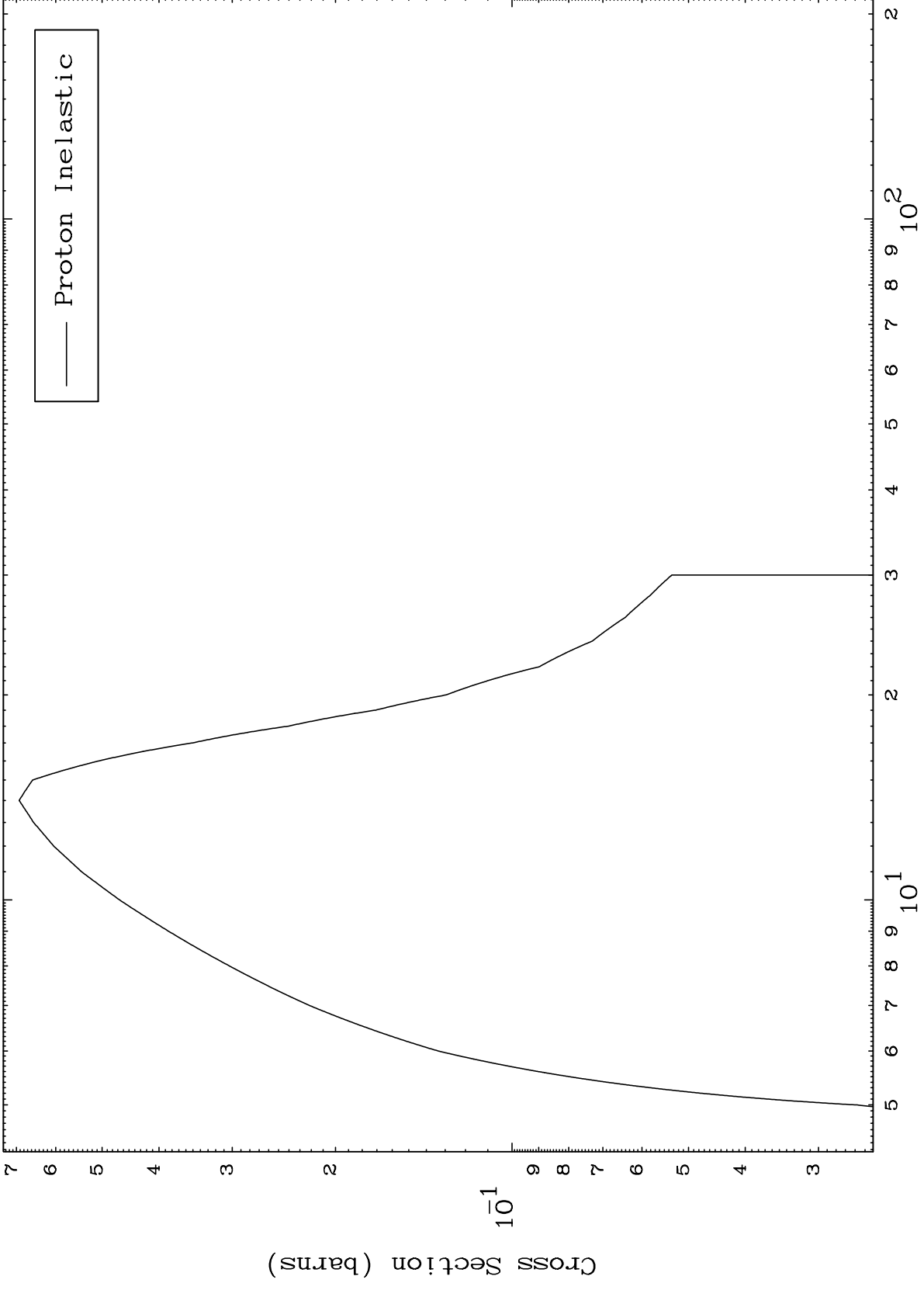


MAT 3919

(p,n') Level

39-Y -87

0 Kelvin Cross Sections



— Proton Inelastic

5

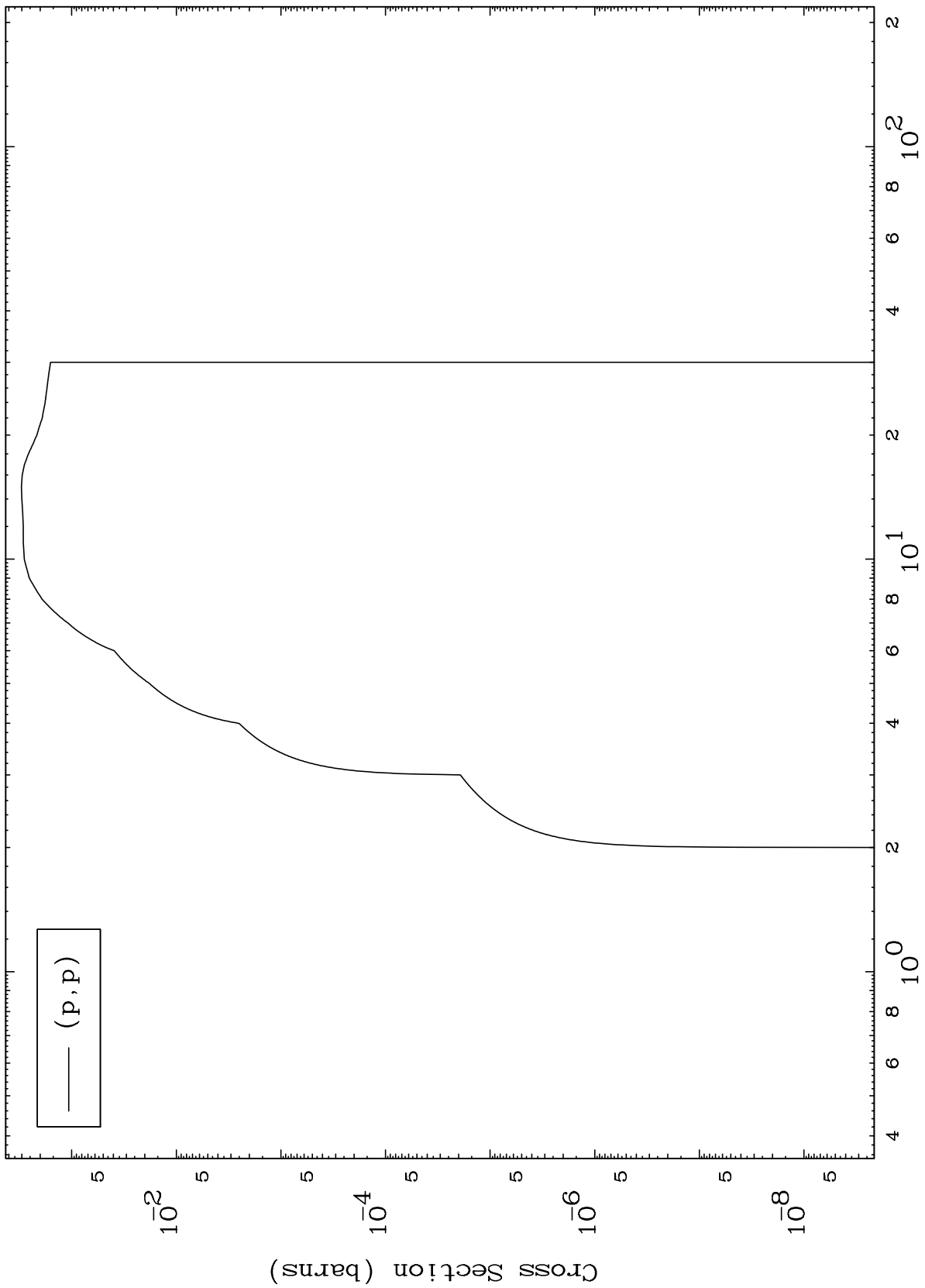
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

(p,p) Levels  
0 Kelvin Cross Sections



Incident Energy (MeV)

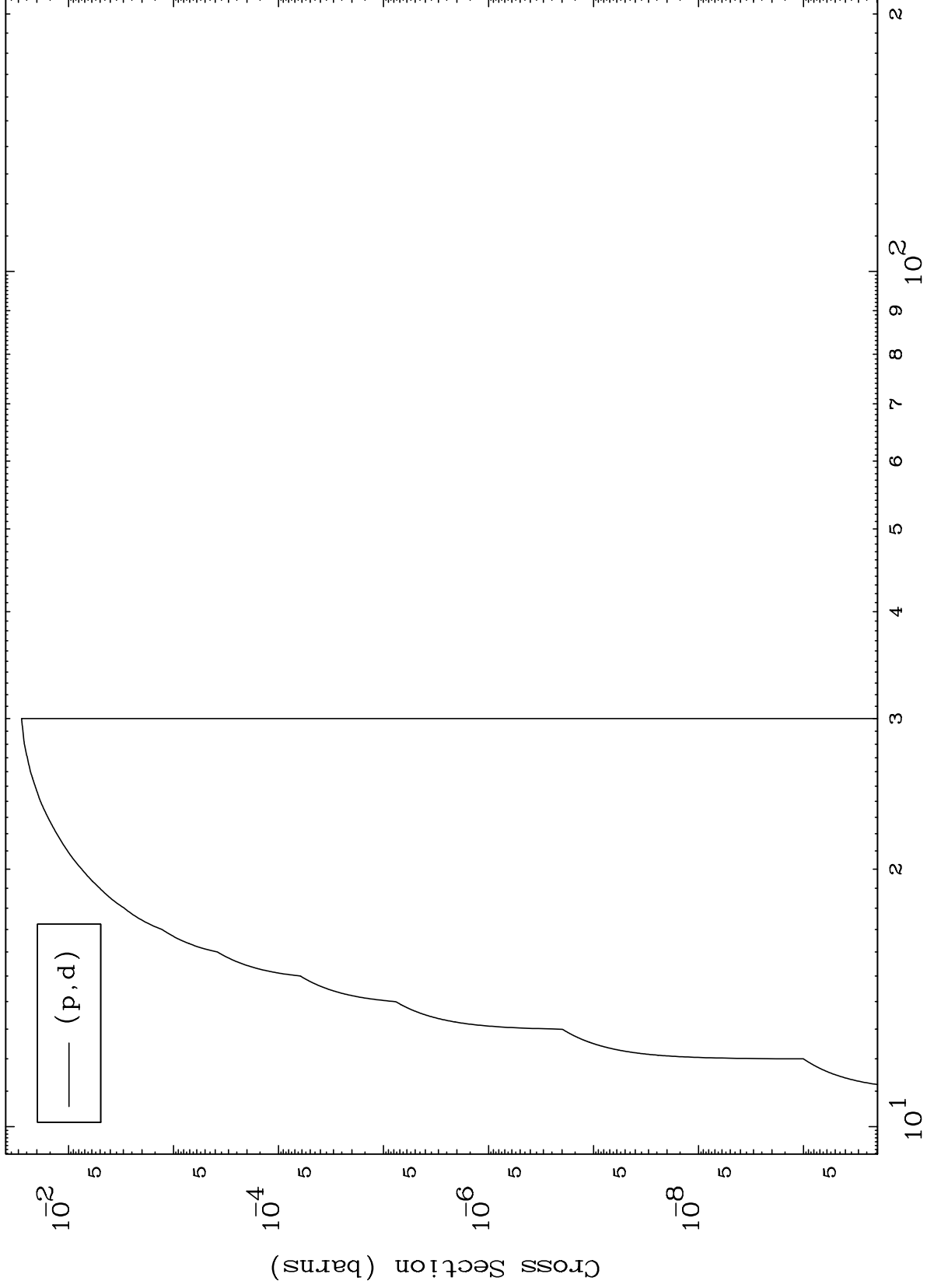
39-Y -87

6

MAT 3919

(p,d) Levels  
0 Kelvin Cross Sections

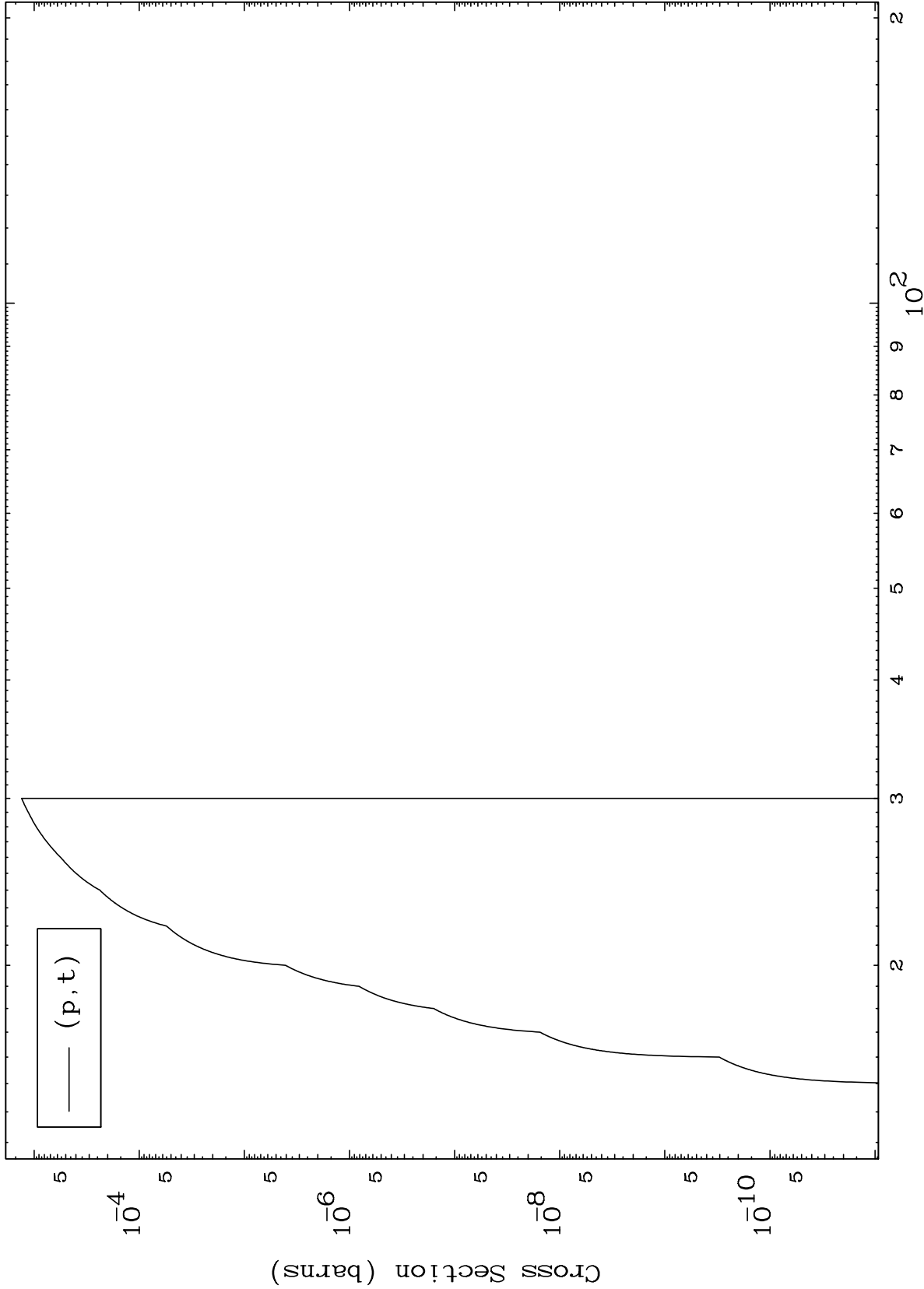
39-Y -87



Incident Energy (MeV)

39-Y -87

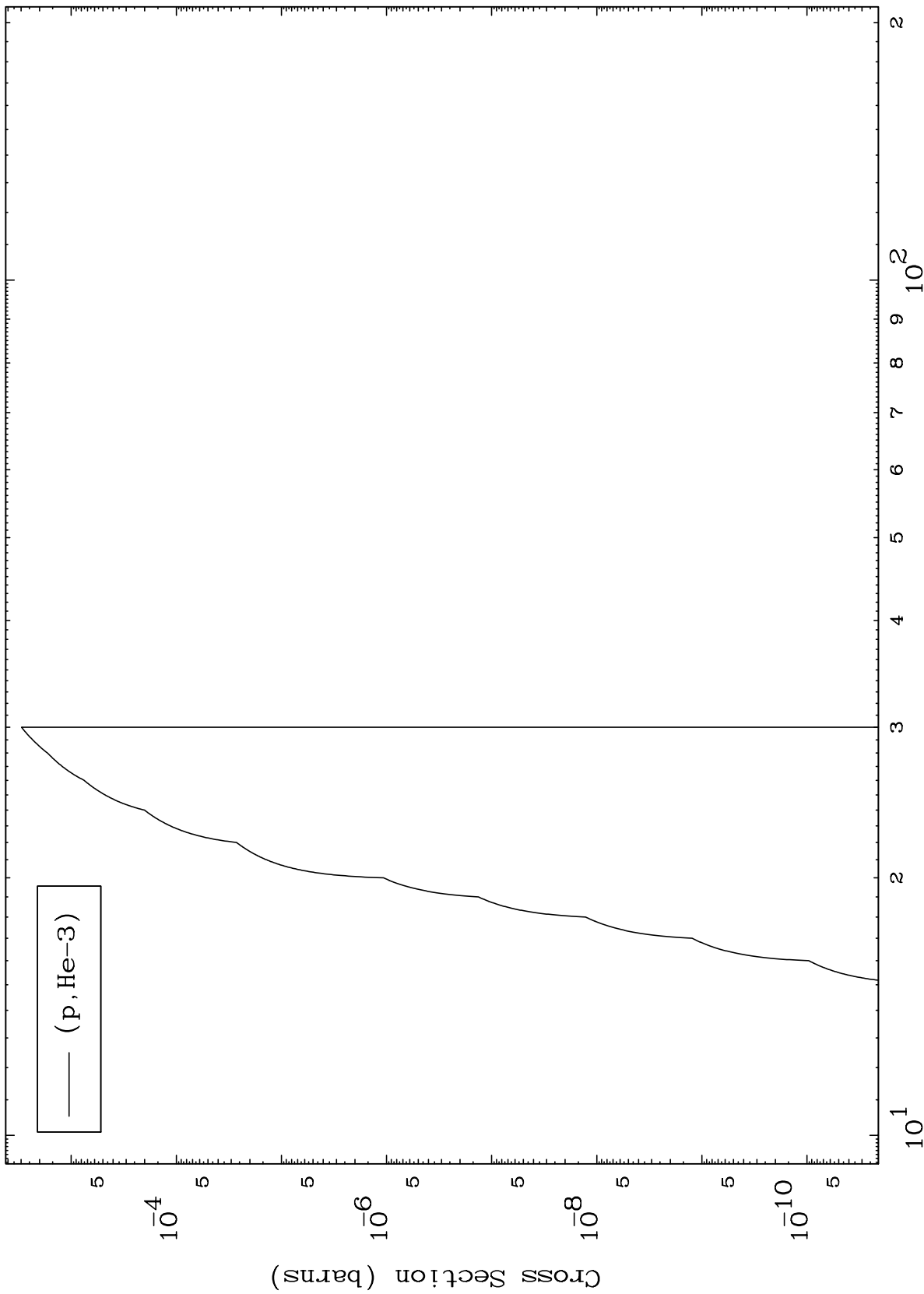




MAT 3919

(p,He3) Levels  
0 Kelvin Cross Sections

39-Y -87



Incident Energy (MeV)

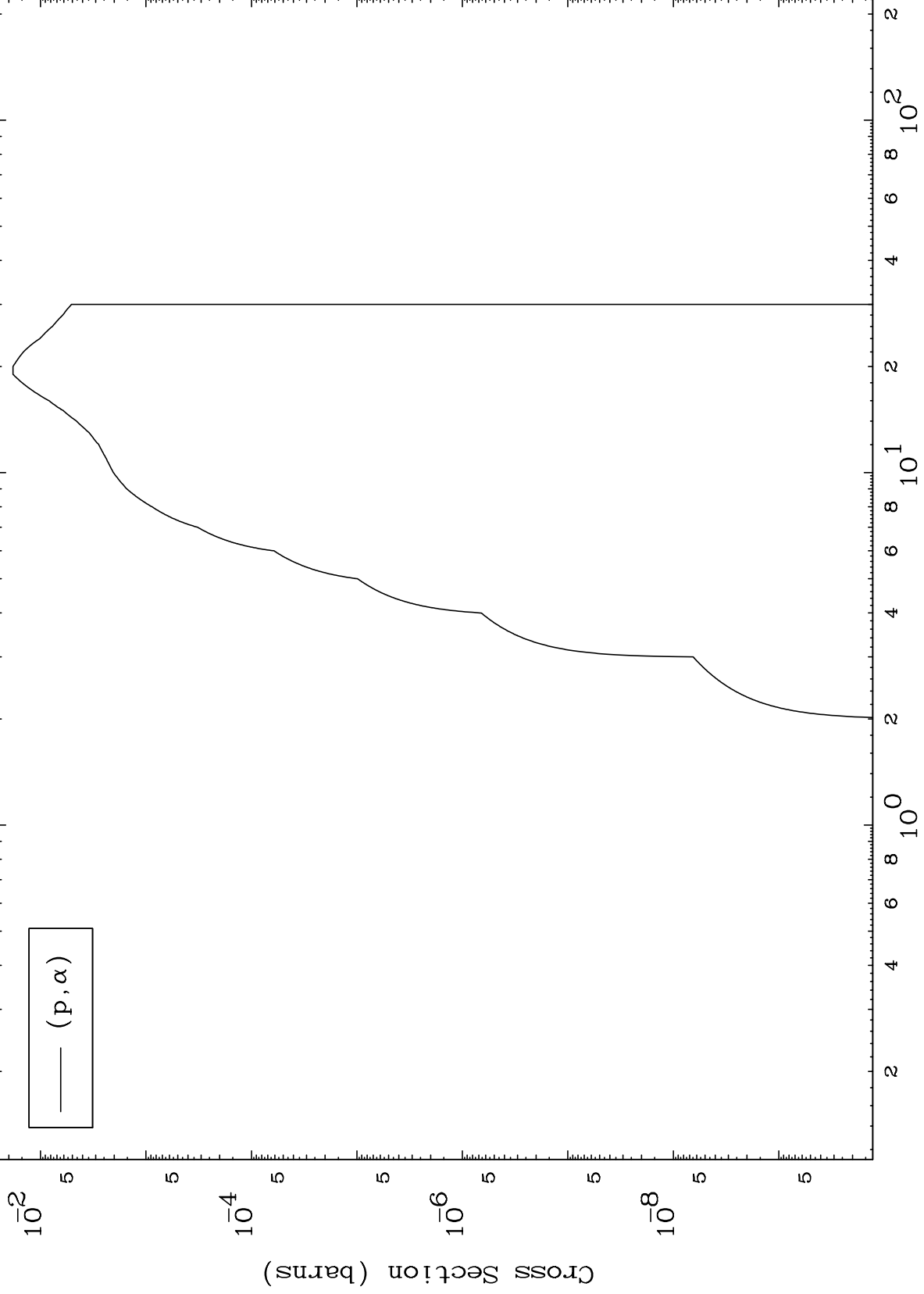
39-Y -87

MAT 3919

(p,  $\alpha$ ) Levels

39-Y -87

0 Kelvin Cross Sections

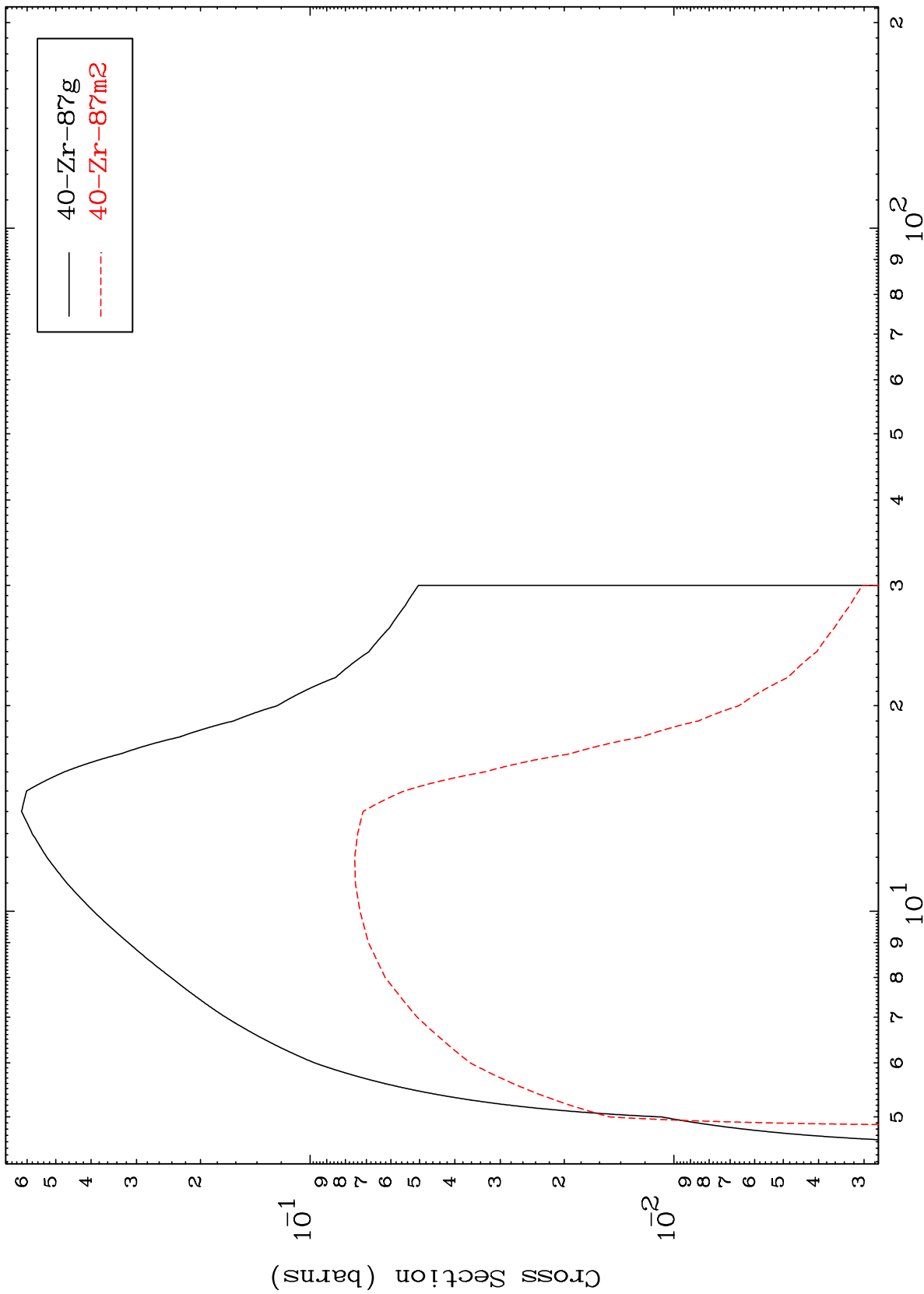


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Incident Energy (MeV)

39-Y -87

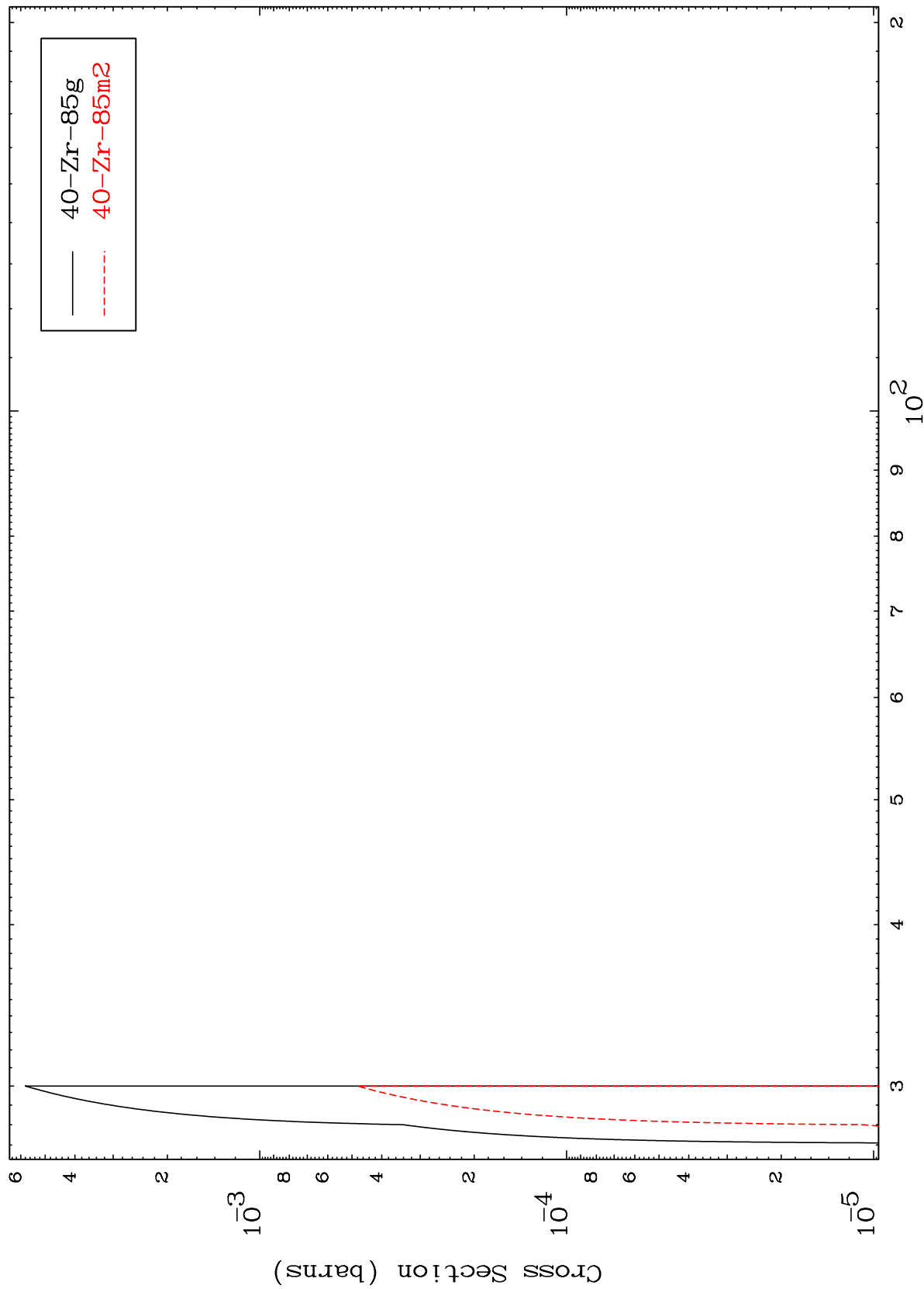
Proton Inelastic  
Radionuclide Production Cross Section



MAT 3919

39-Y -87

Radionuclide Production Cross Section  
(p,3n)



39-Y -87

Incident Energy (MeV)

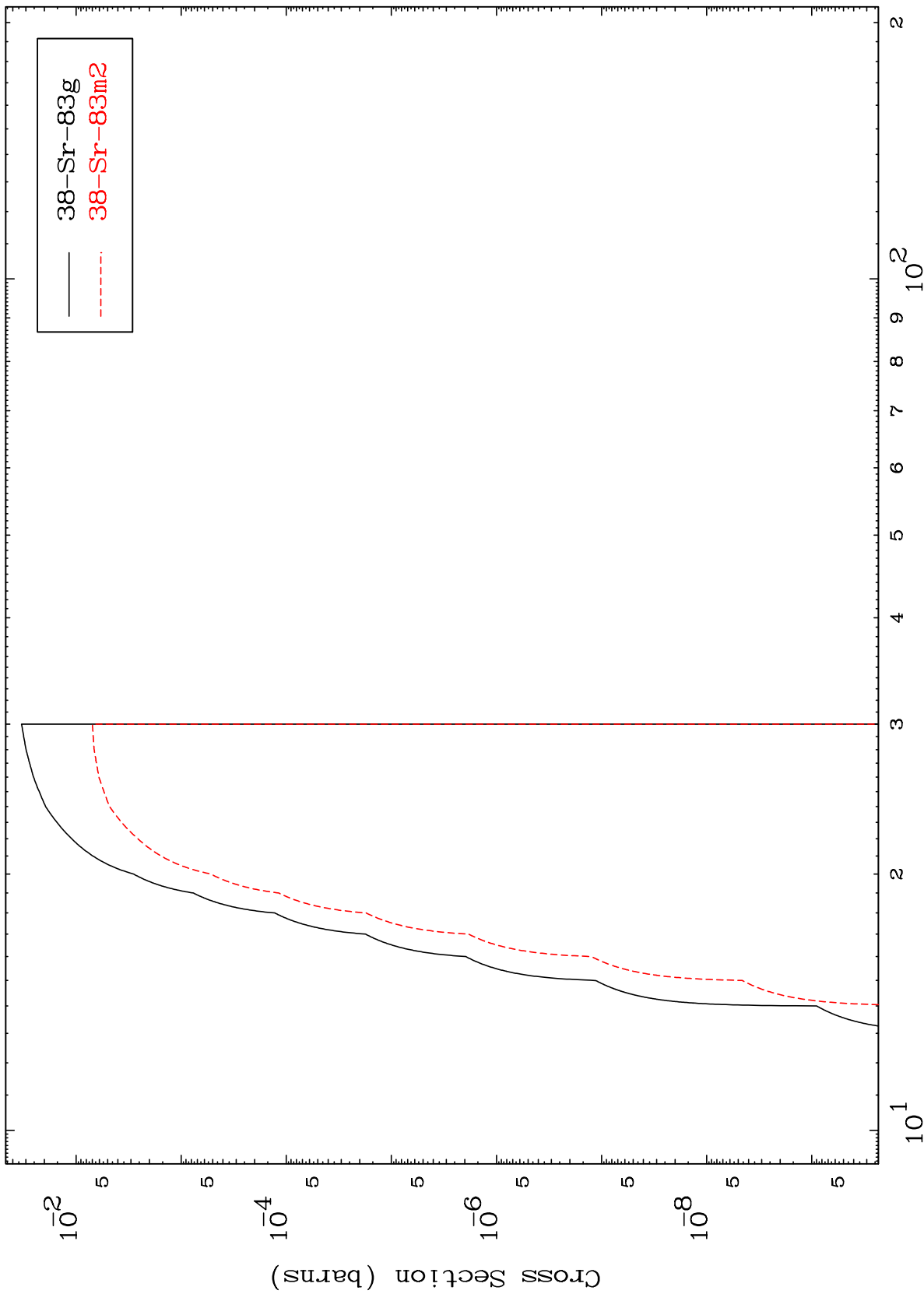
12

MAT 3919

(p,n')  $\alpha$

39-Y -87

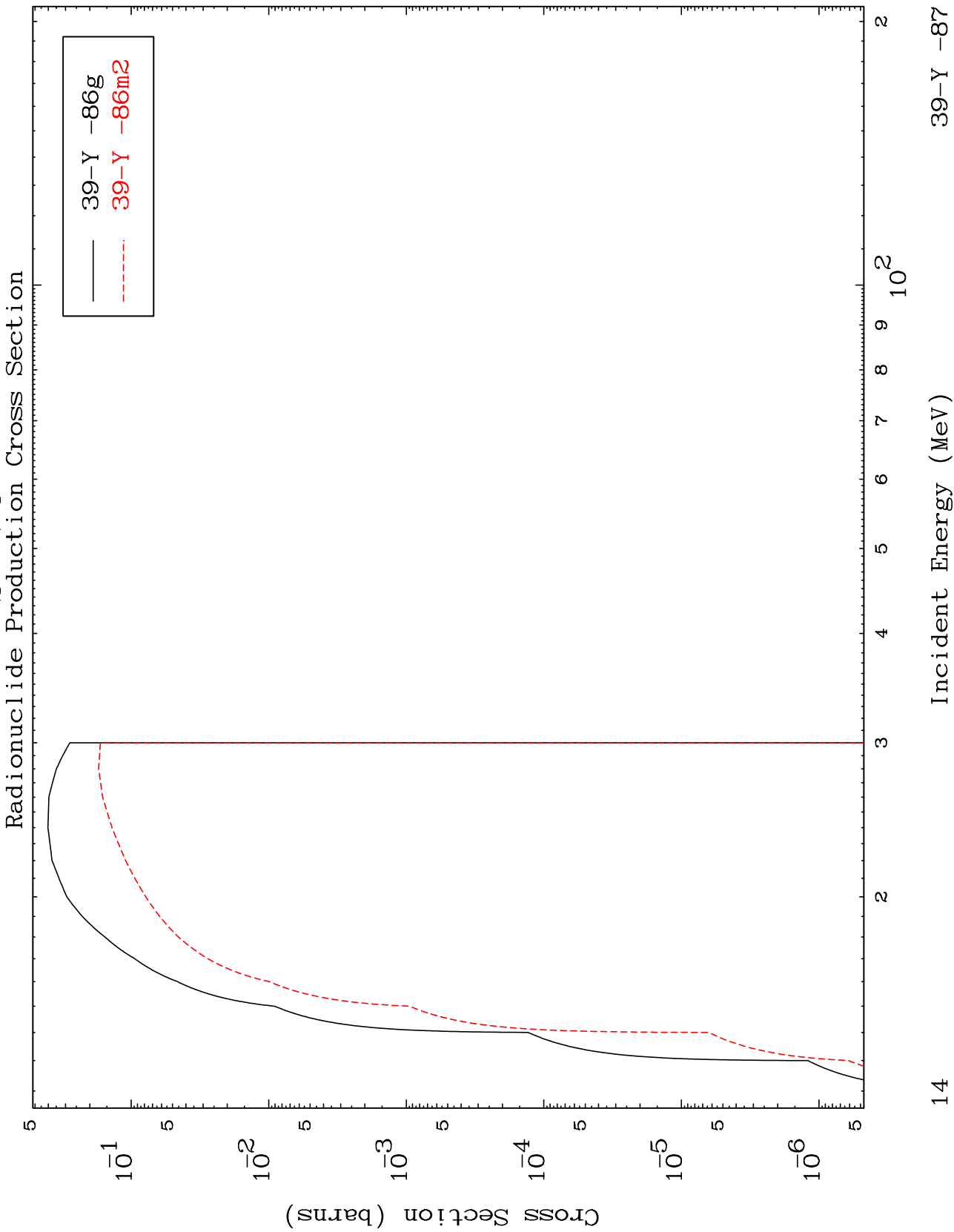
Radionuclide Production Cross Section



Incident Energy (MeV)

39-Y -87

13

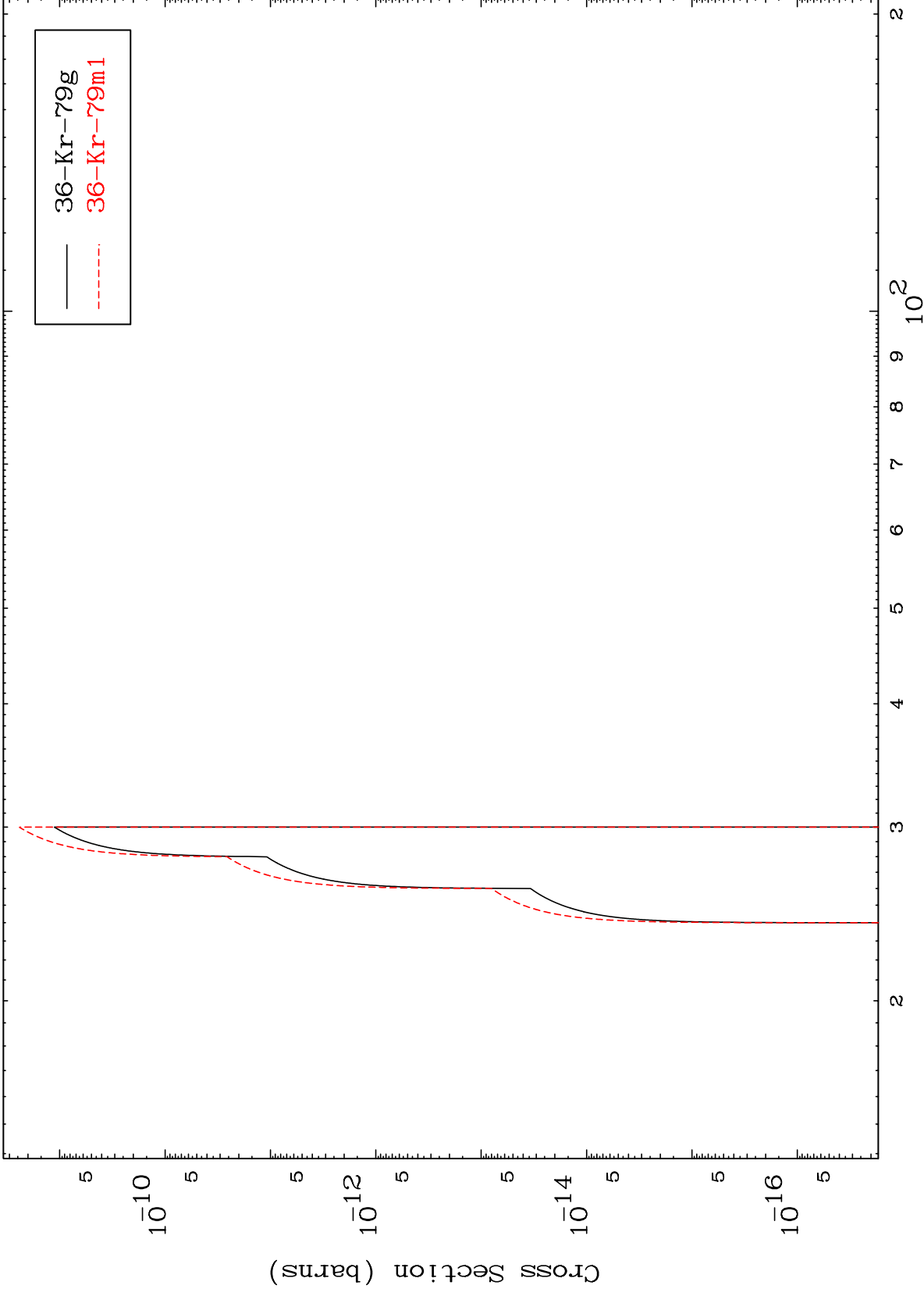


MAT 3919

(p,n') 2 $\alpha$

39-Y -87

Radionuclide Production Cross Section



36-Kr-79g  
36-Kr-79m1

15

Incident Energy (MeV)

39-Y -87

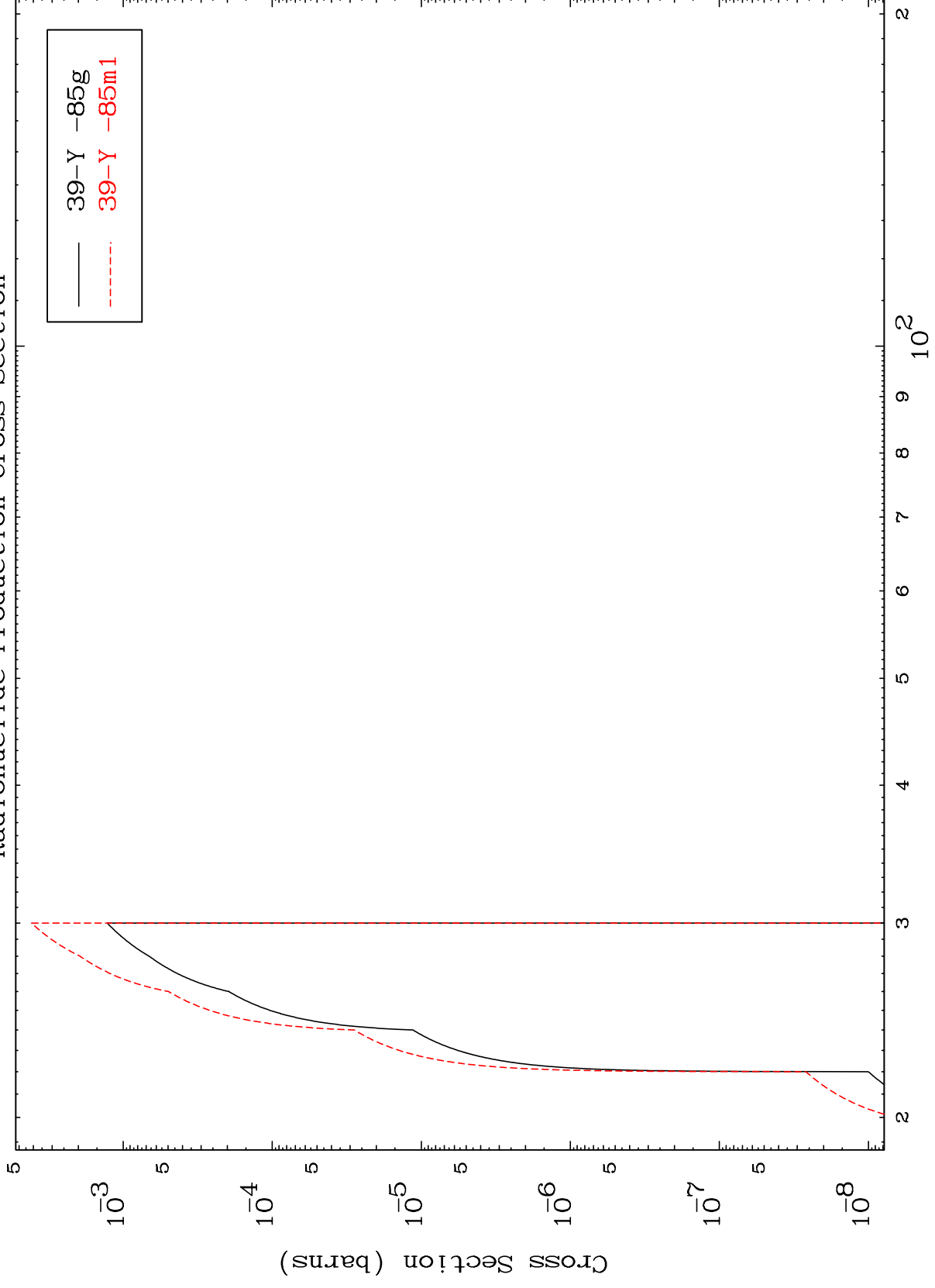


MAT 3919

(p,n') d

39-Y -87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

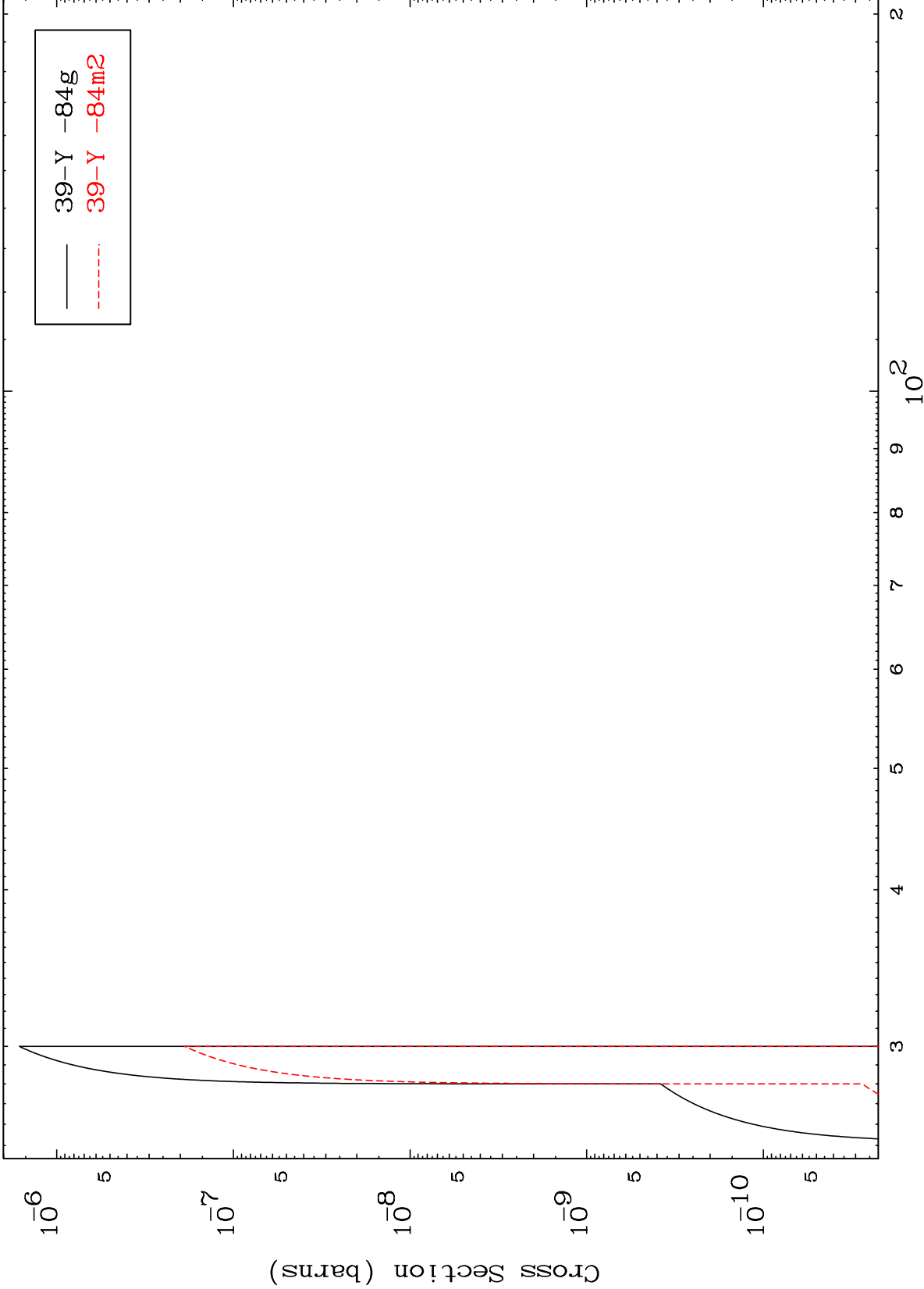
39-Y -87

MAT 3919

(p,n') t

39-Y -87

Radionuclide Production Cross Section



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

17

Incident Energy (MeV)

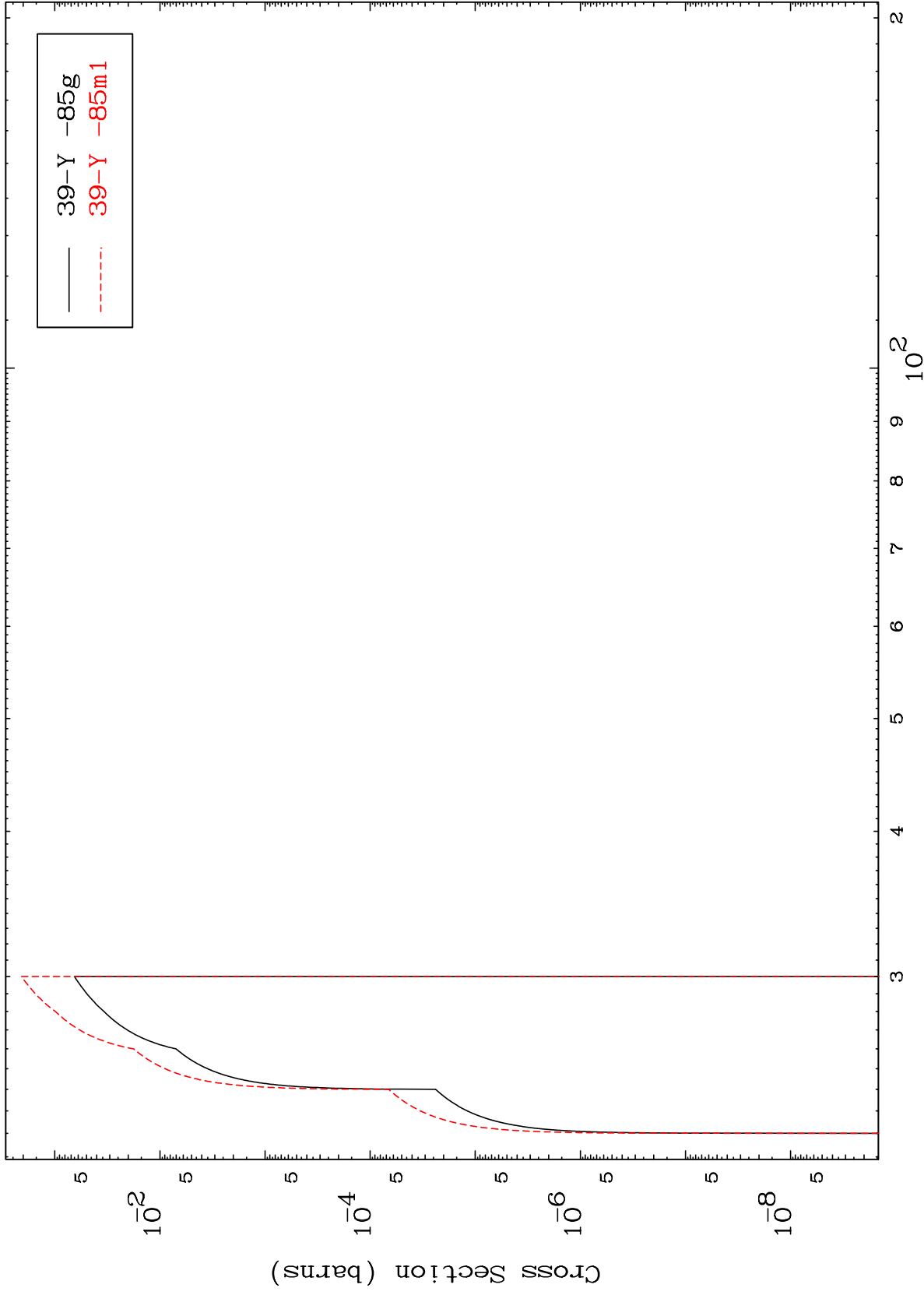
39-Y -87

MAT 3919

(p,2n) p

39-Y -87

Radionuclide Production Cross Section

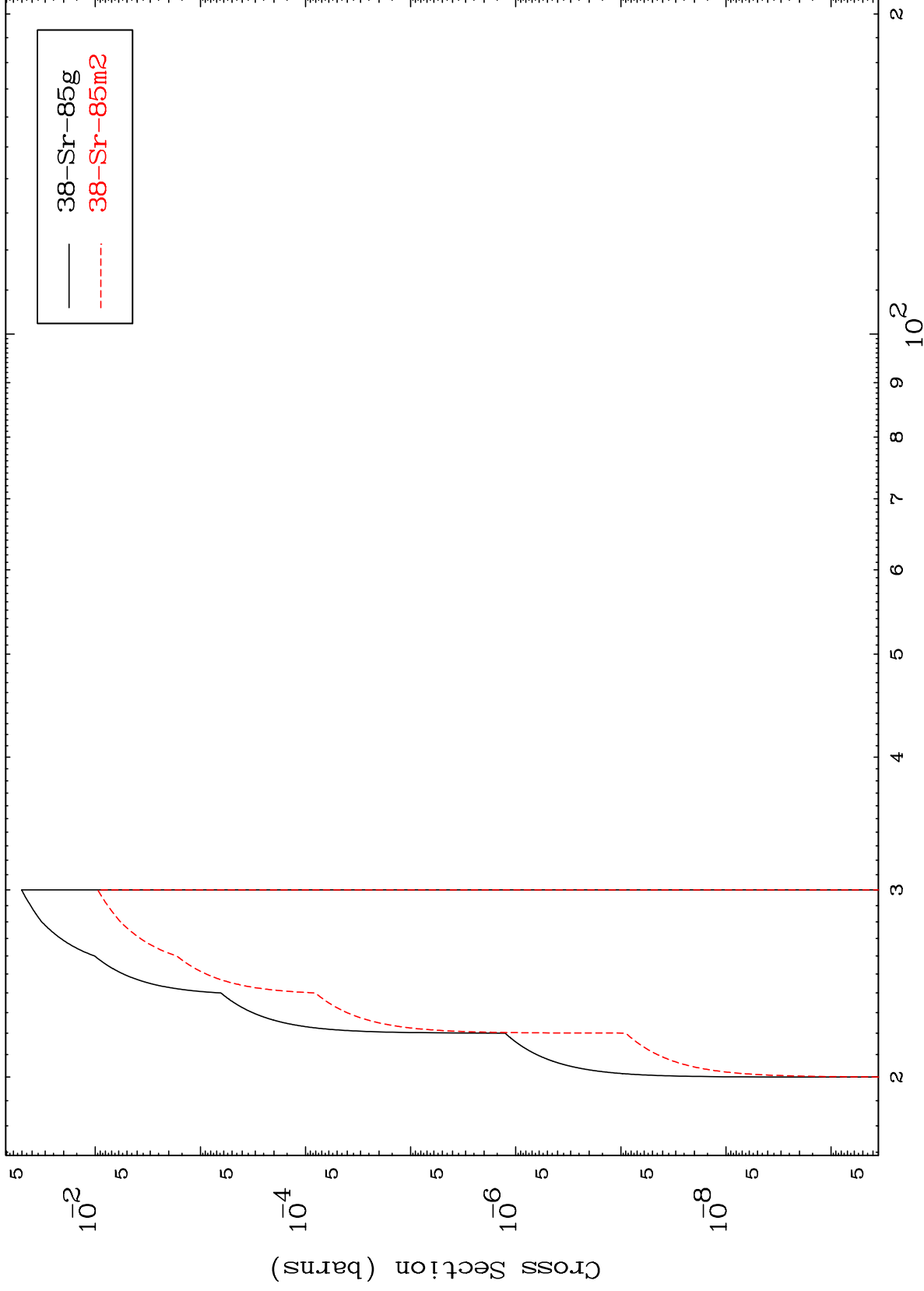


18

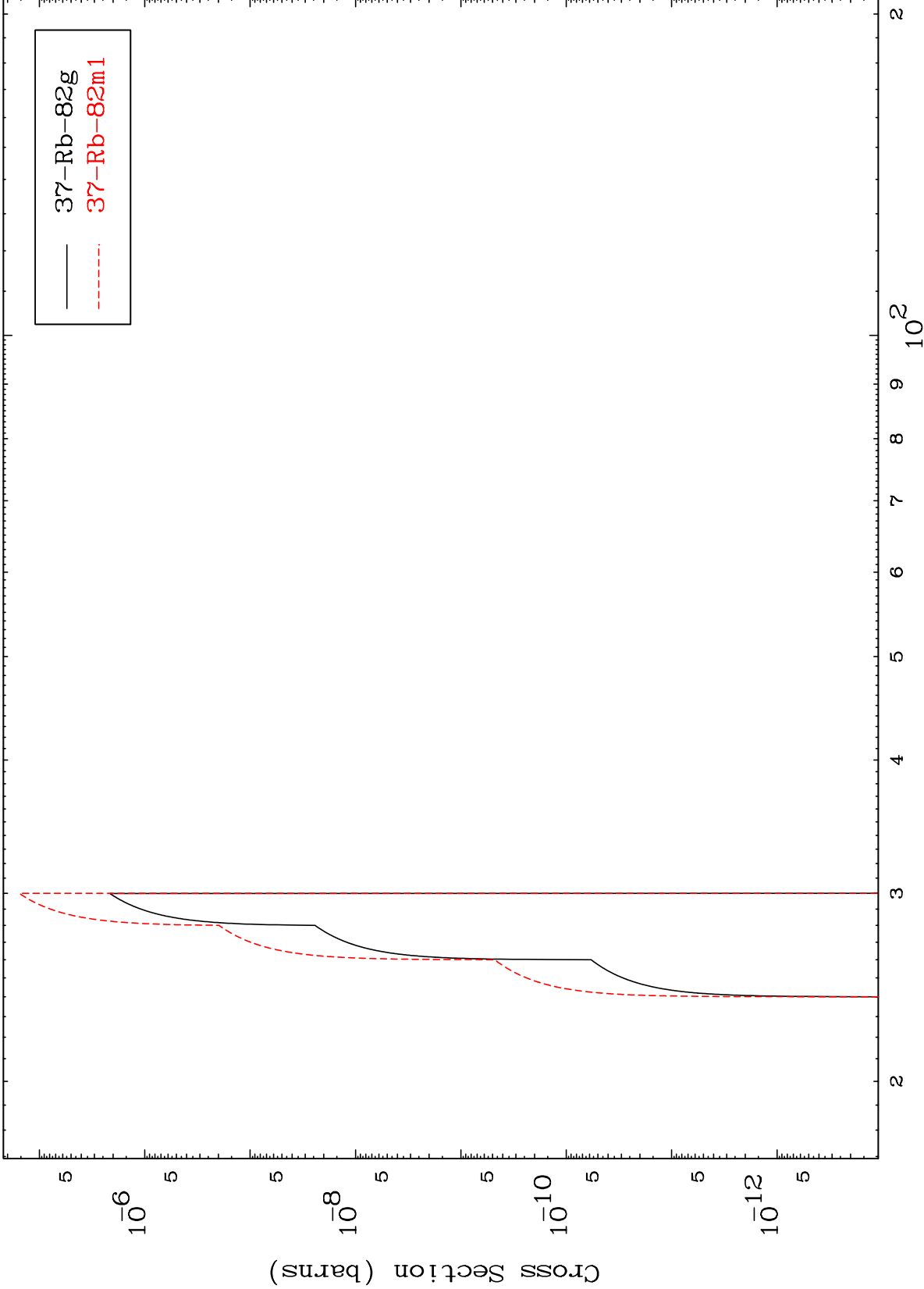
Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

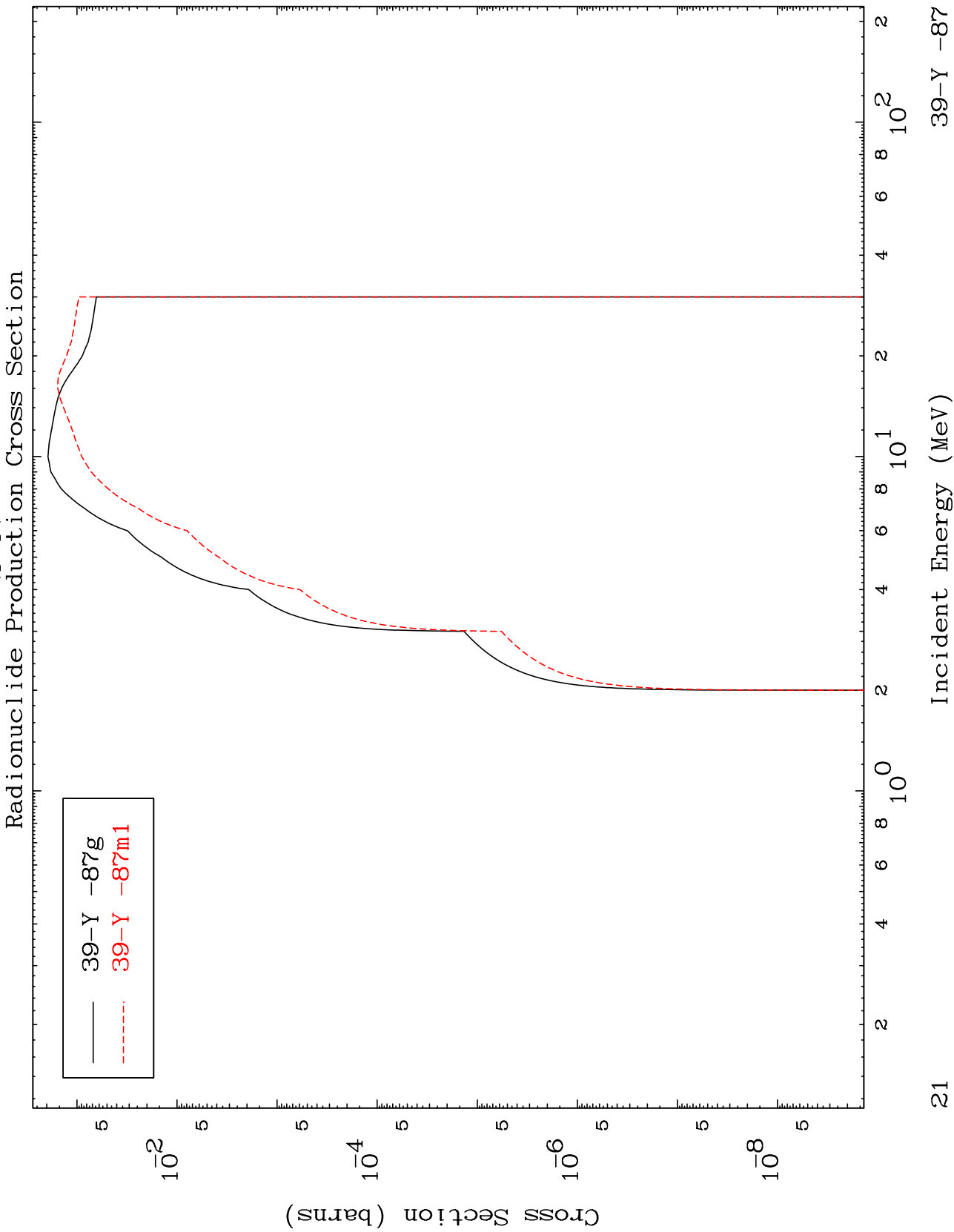


Radionuclide Production Cross Section



MAT 3919

39-Y -87

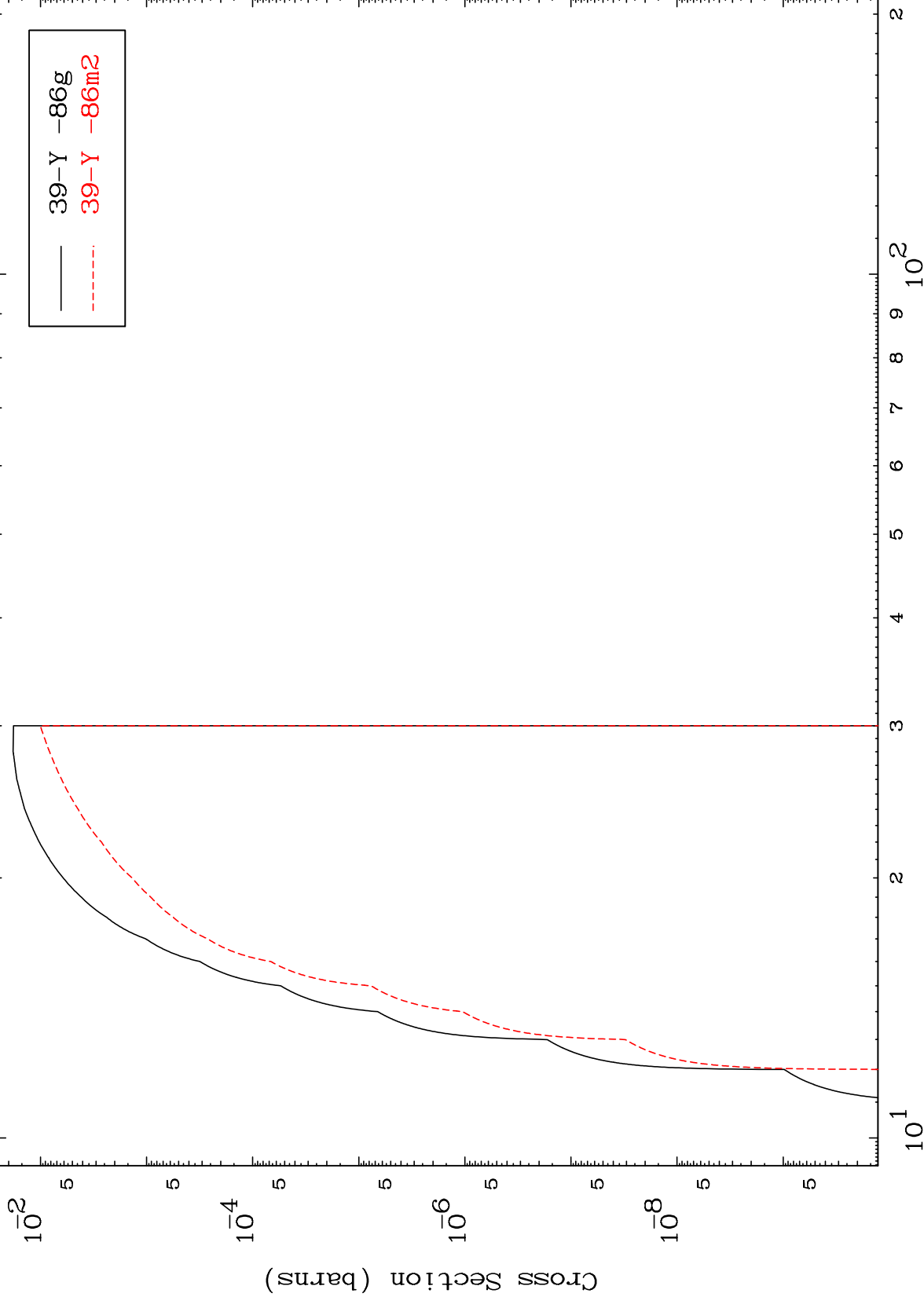


MAT 3919

(p,d)

39-Y -87

Radionuclide Production Cross Section



22

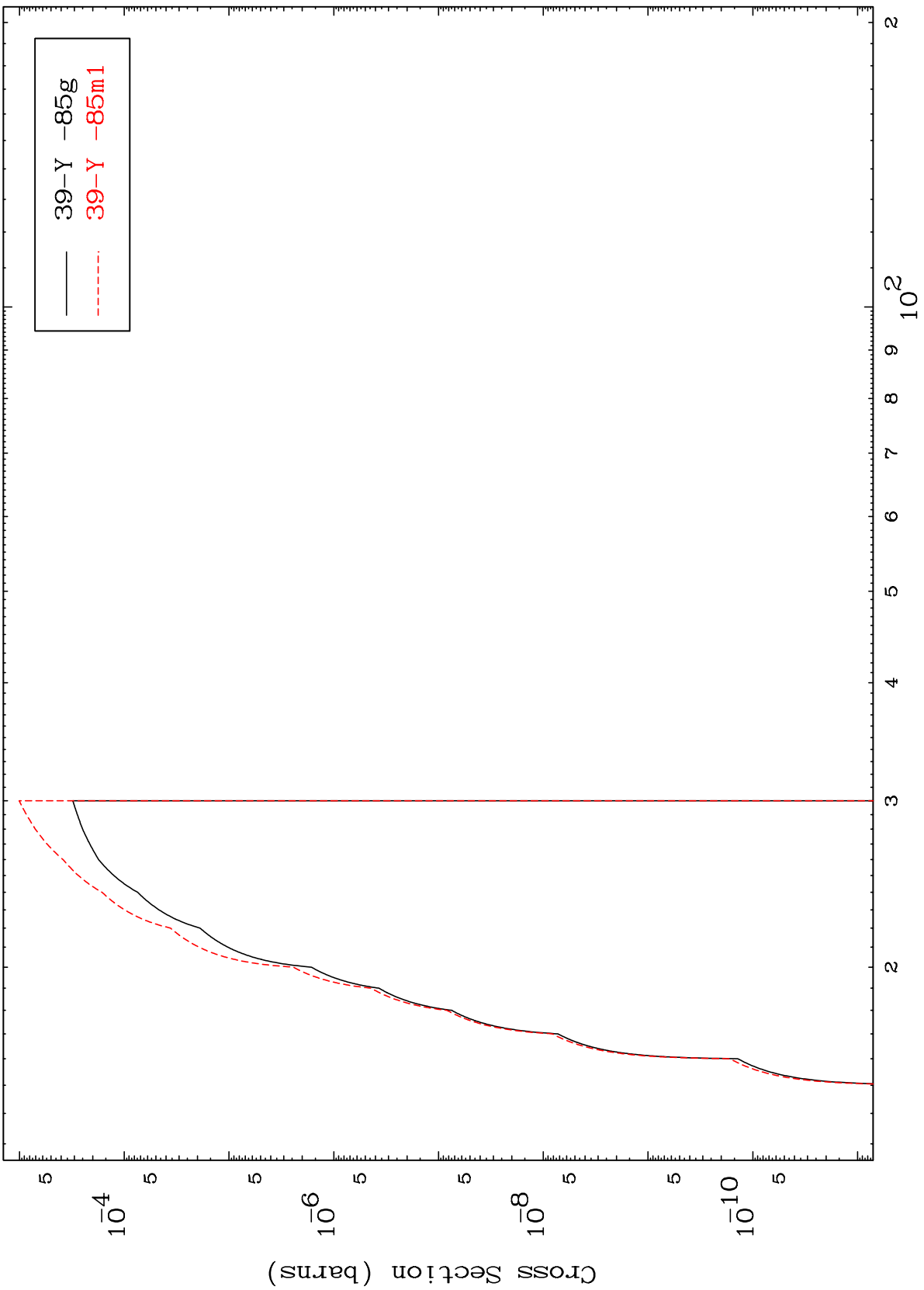
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

(p,t)  
Radionuclide Production Cross Section



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

Incident Energy (MeV)

39-Y -87

23

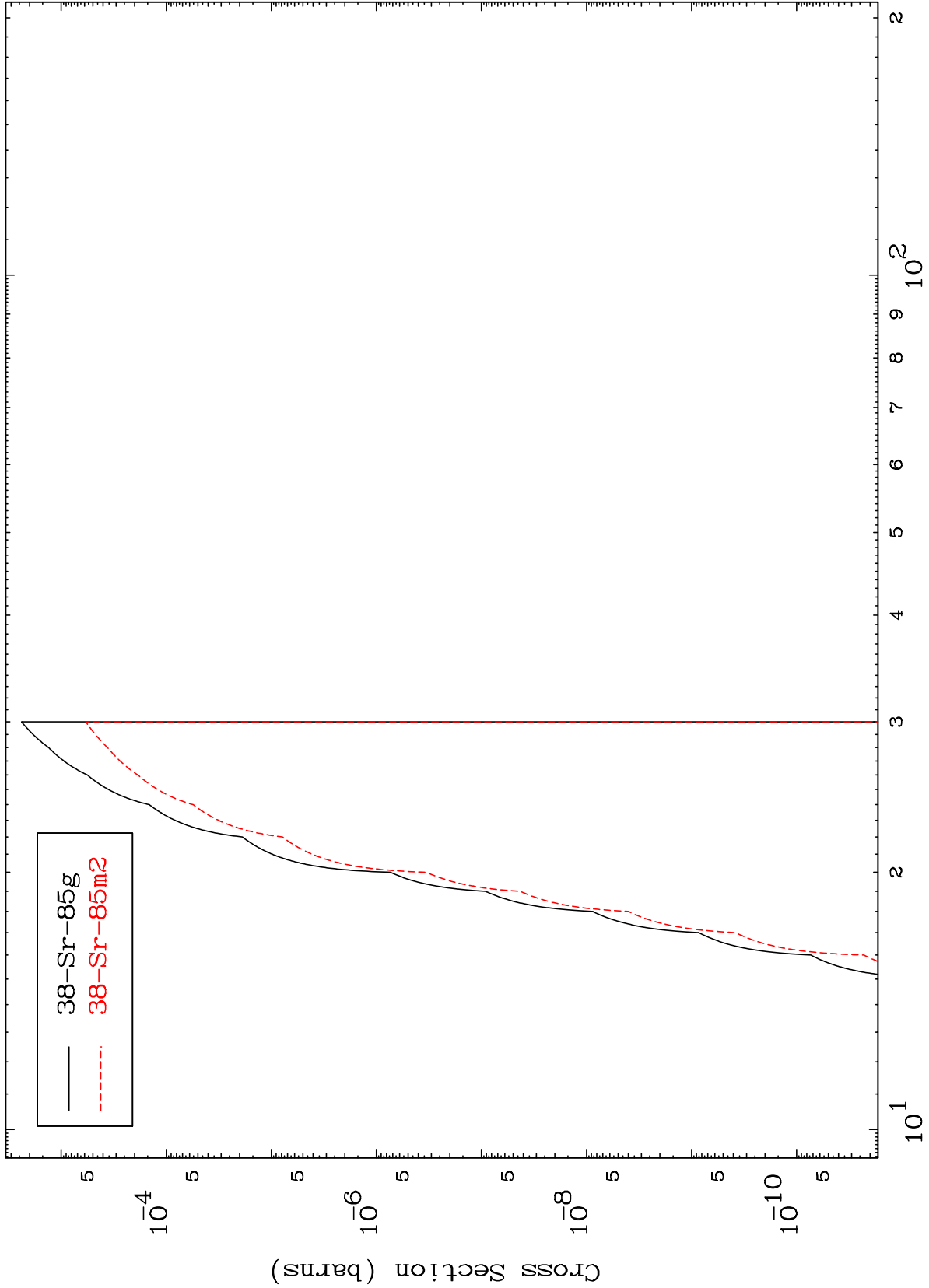


MAT 3919

(p,He-3)

39-Y -87

Radionuclide Production Cross Section



38-Sr-85g  
38-Sr-85m2

Incident Energy (MeV)

39-Y -87

24

Radionuclide Production Cross Section

