

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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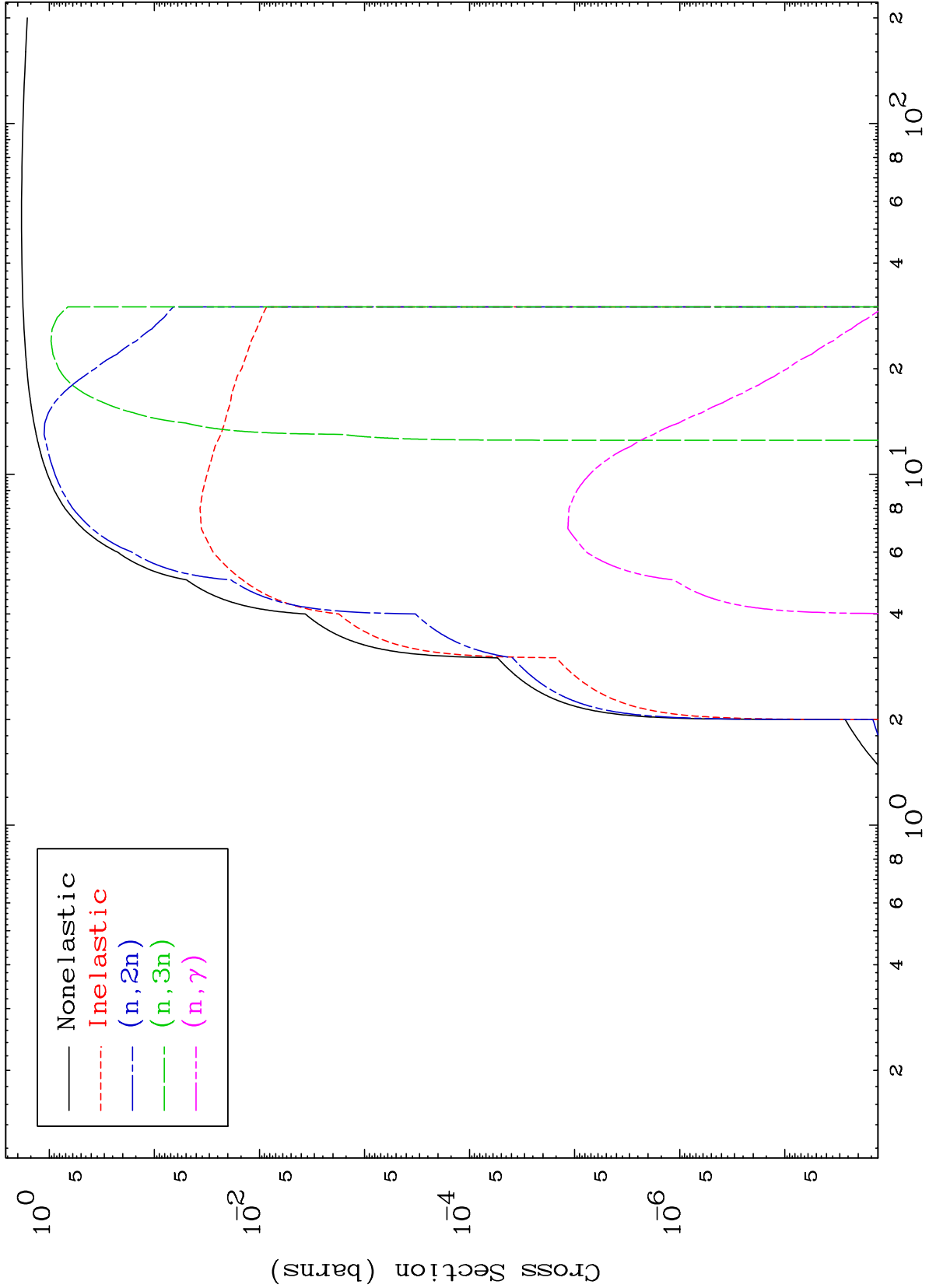
Tele: 925-443-1911

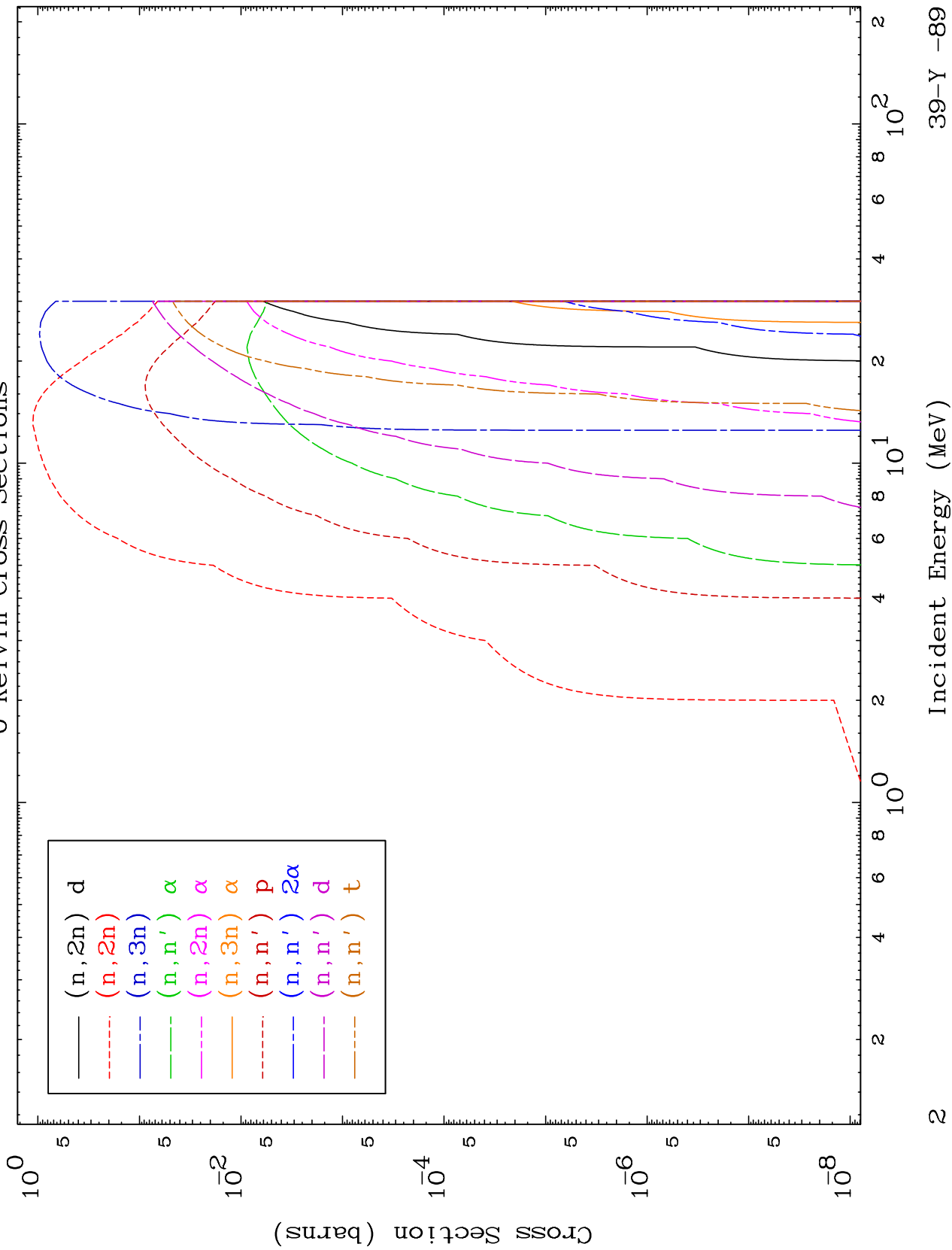
E.Mail:redcullen1@comcast.net

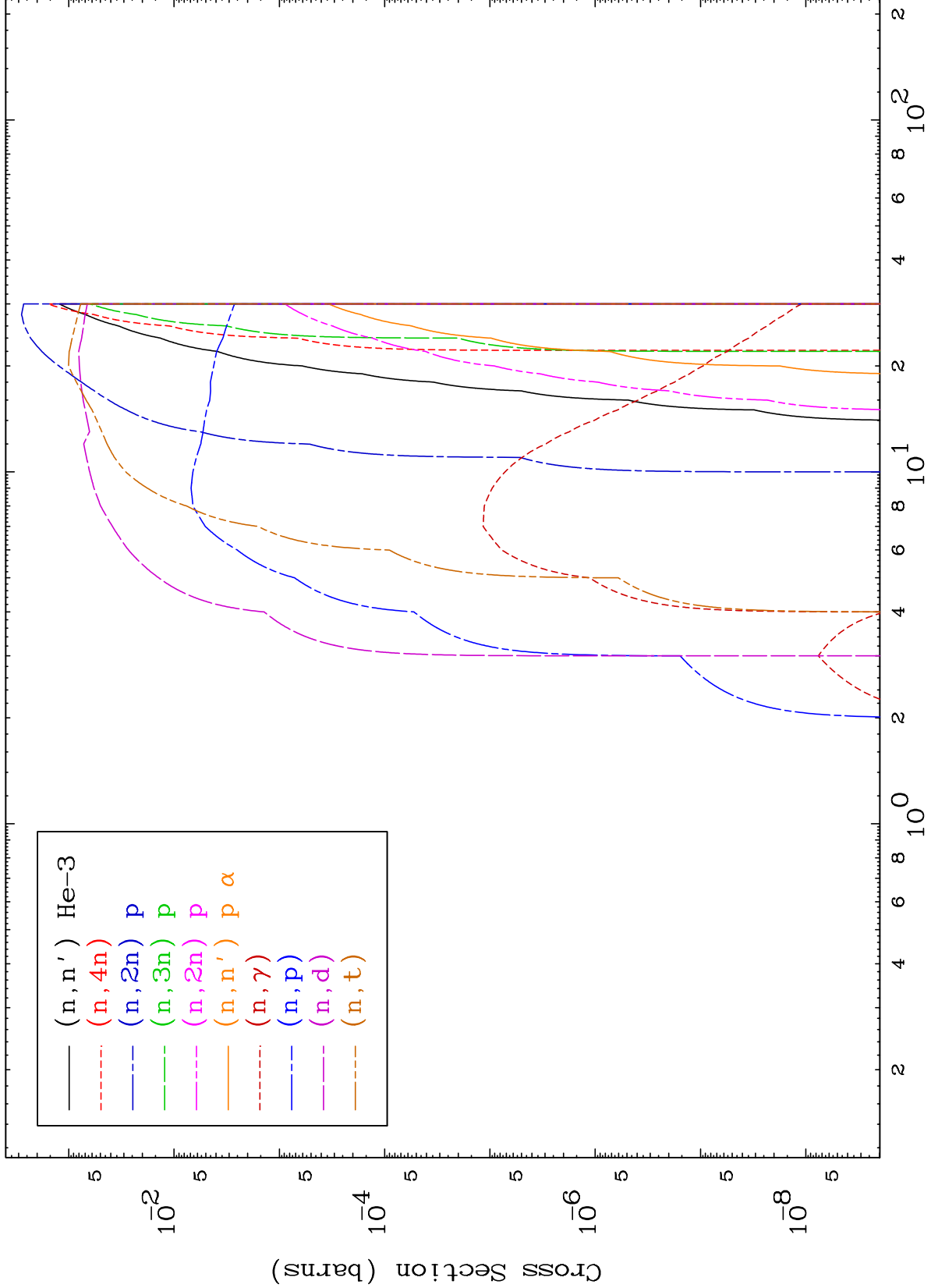
Web:redcullen1.net/HOMEPAGE.NEW

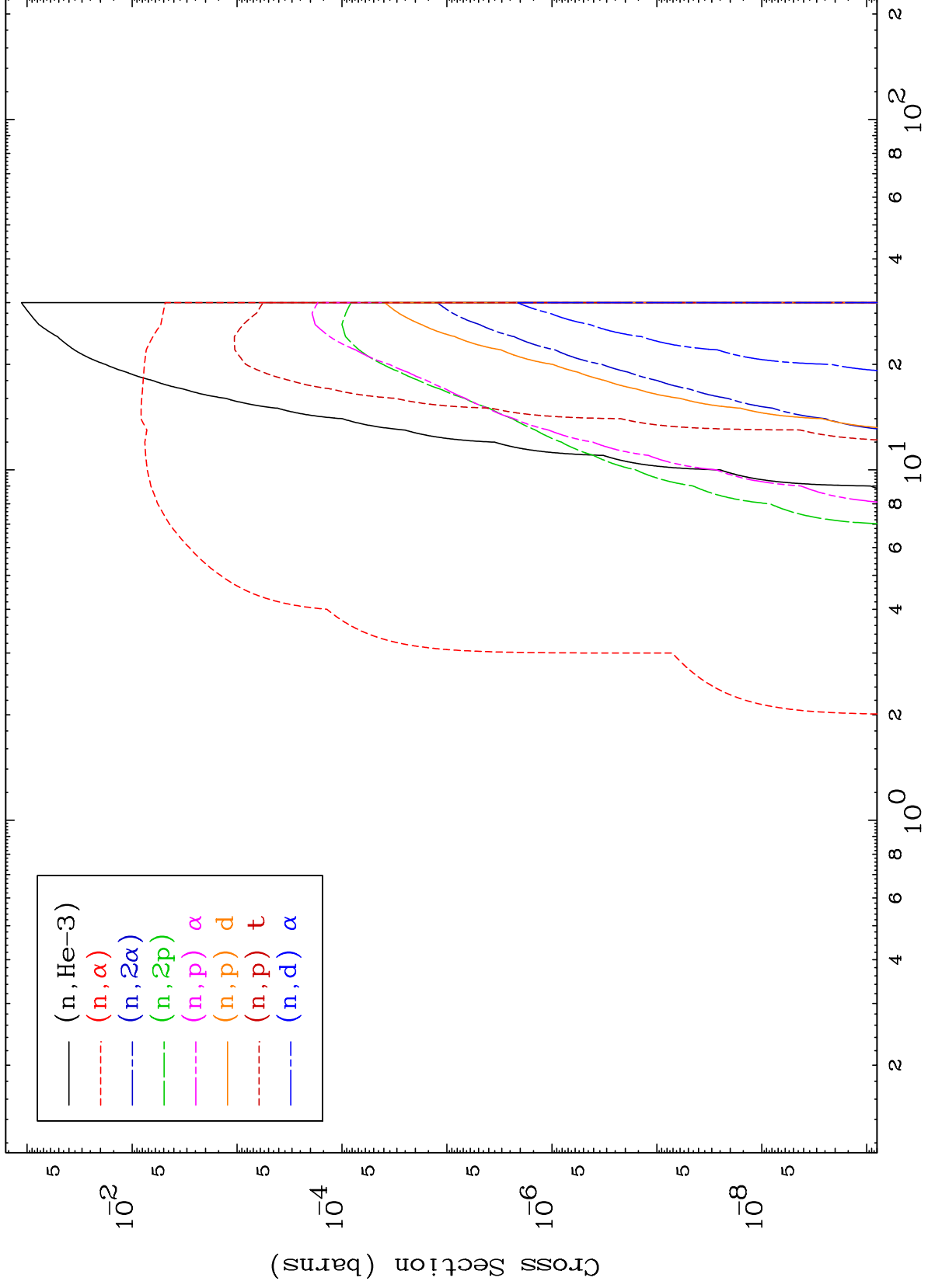
Press Mouse Button to Start

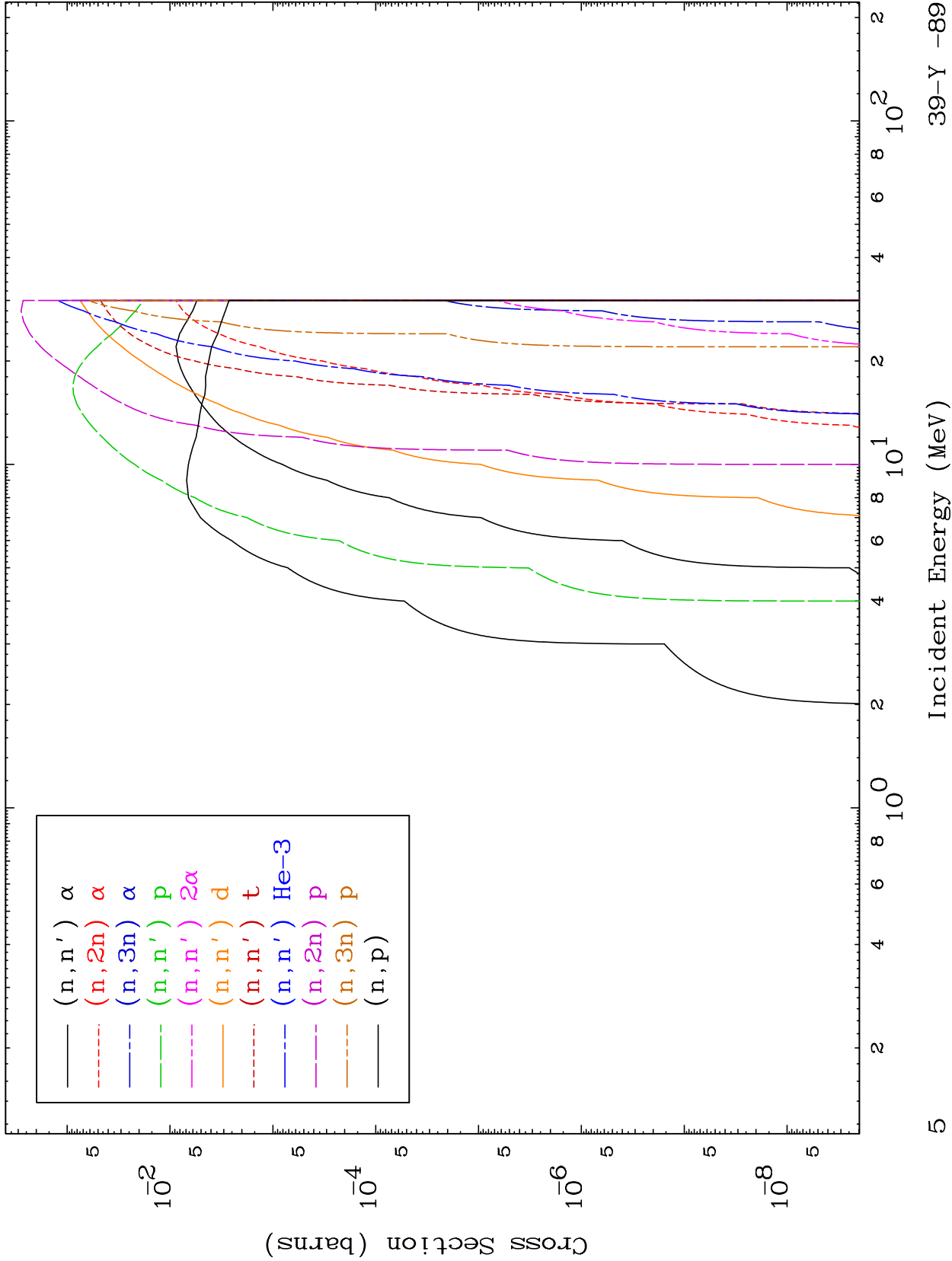
0 Kelvin Cross Sections

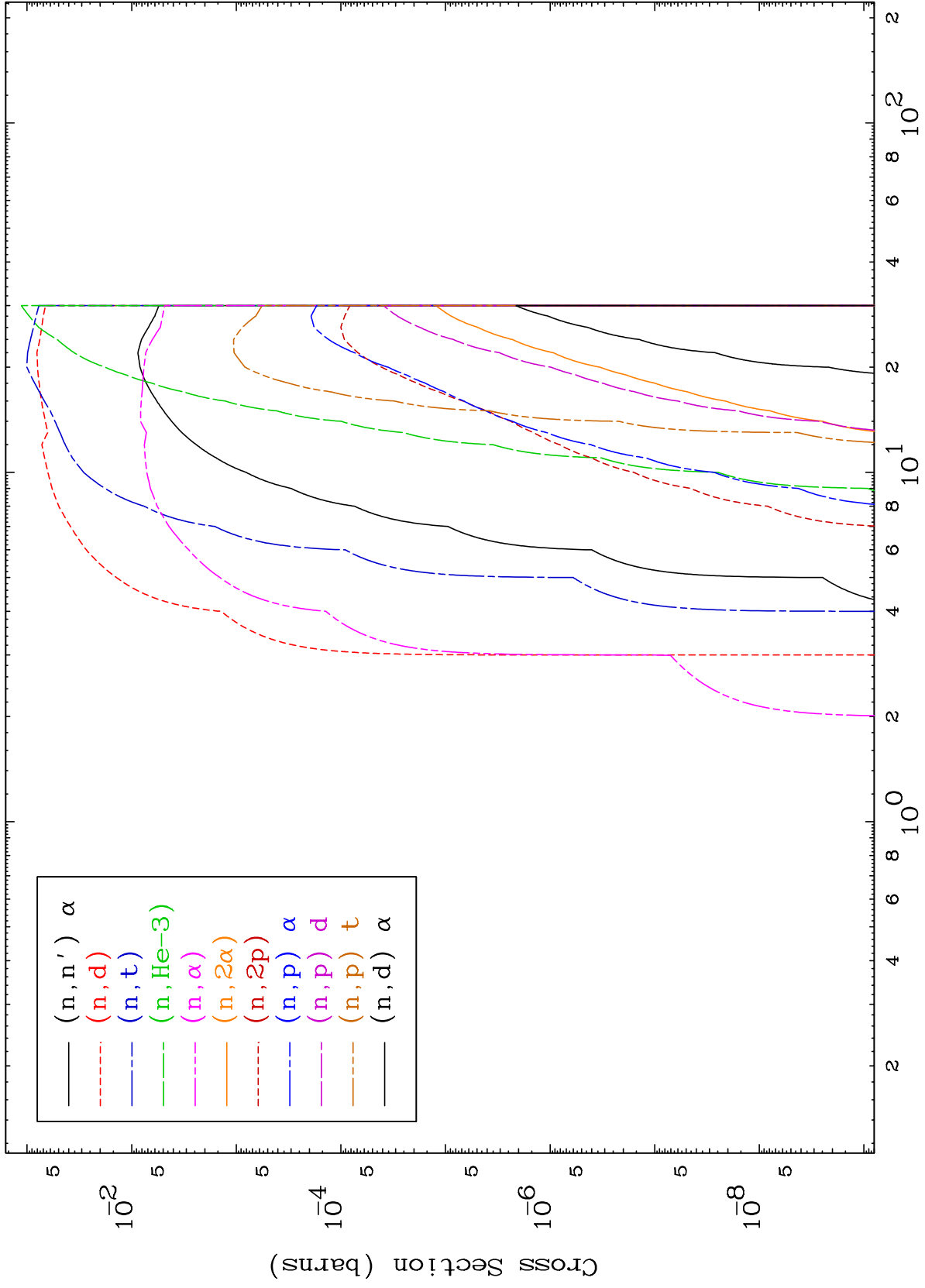


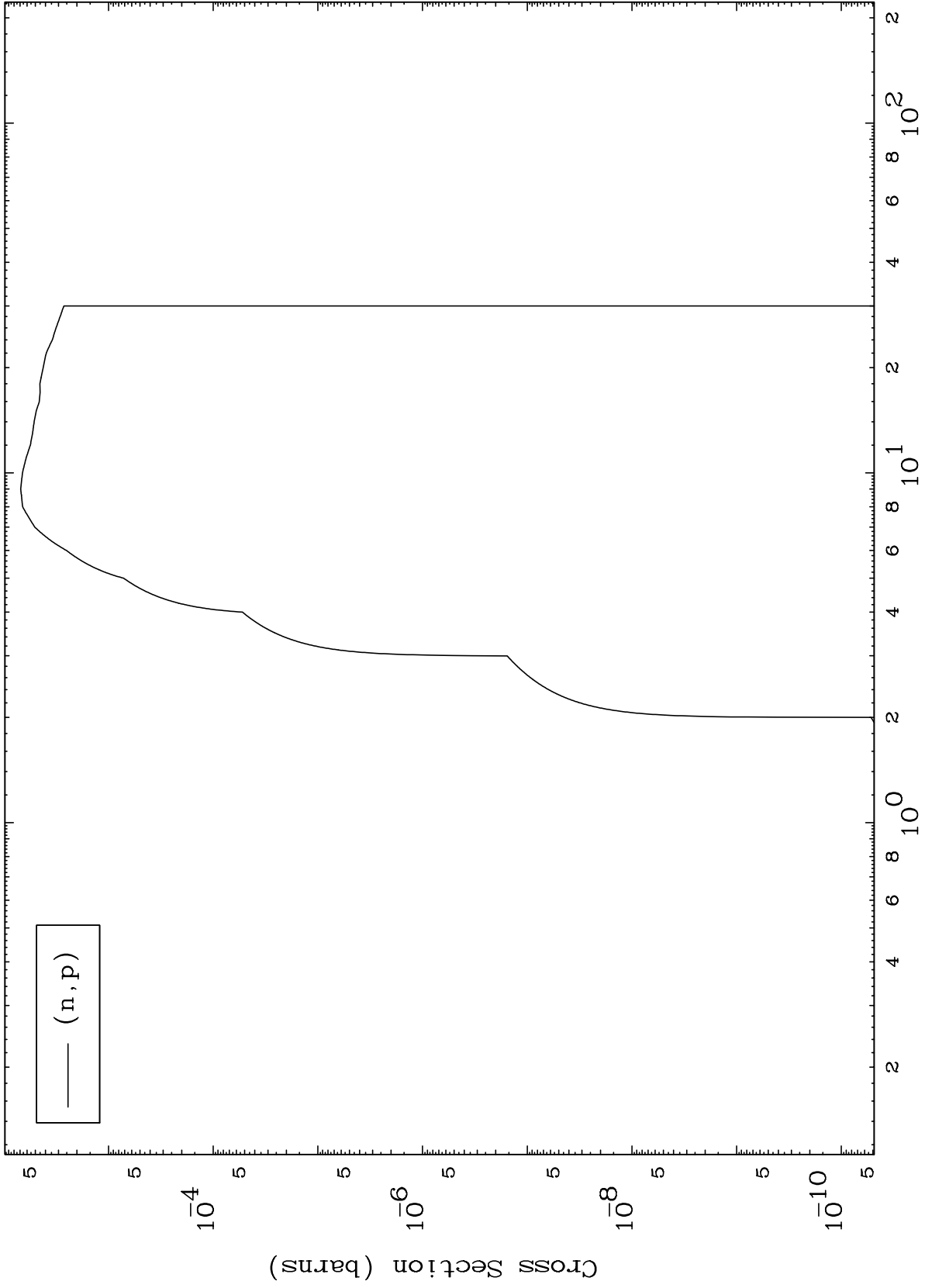




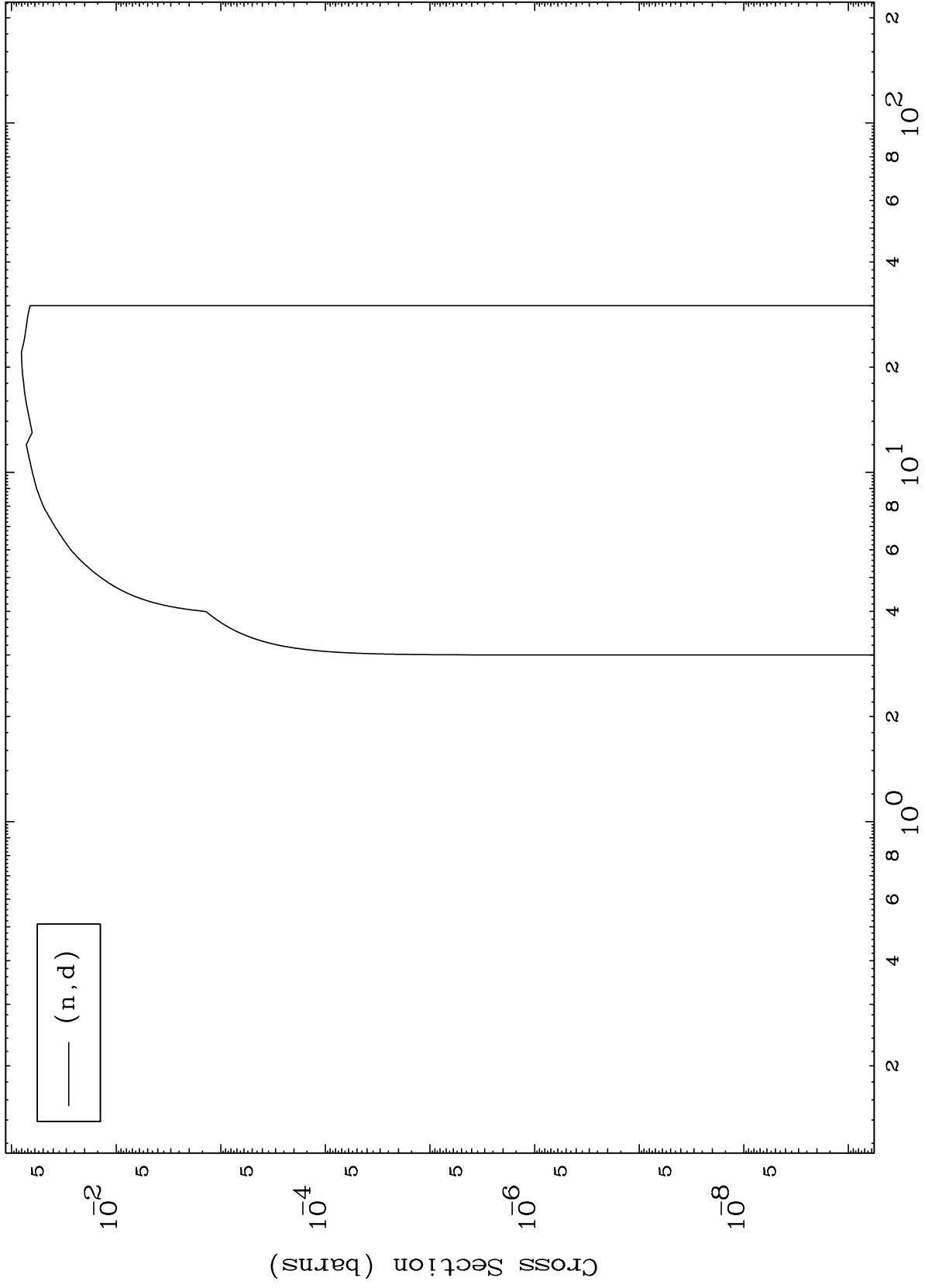








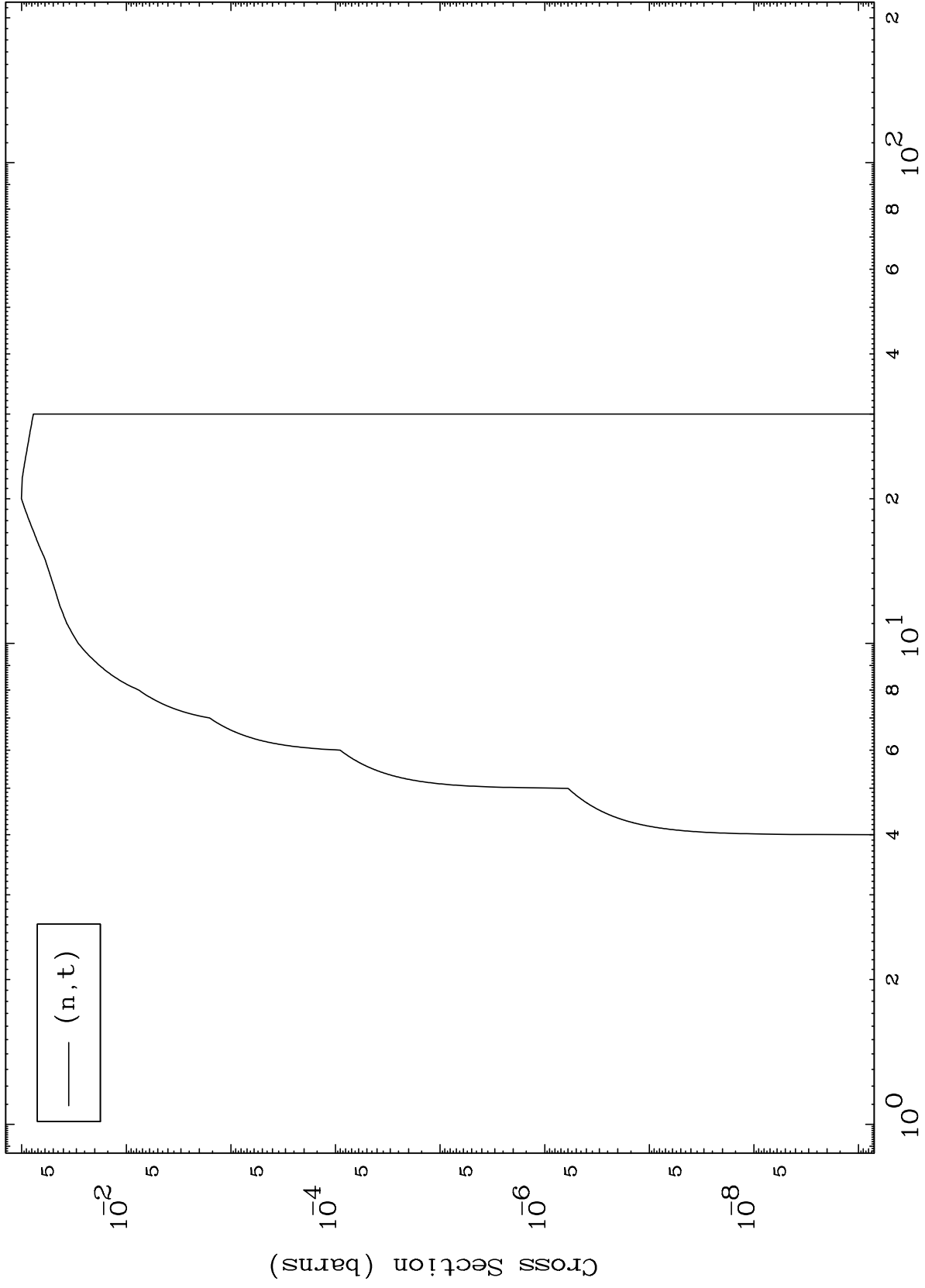
(t,d) Levels  
0 Kelvin Cross Sections



MAT 3925

(t, t) Levels  
0 Kelvin Cross Sections

39-Y -89



(n, t)

9

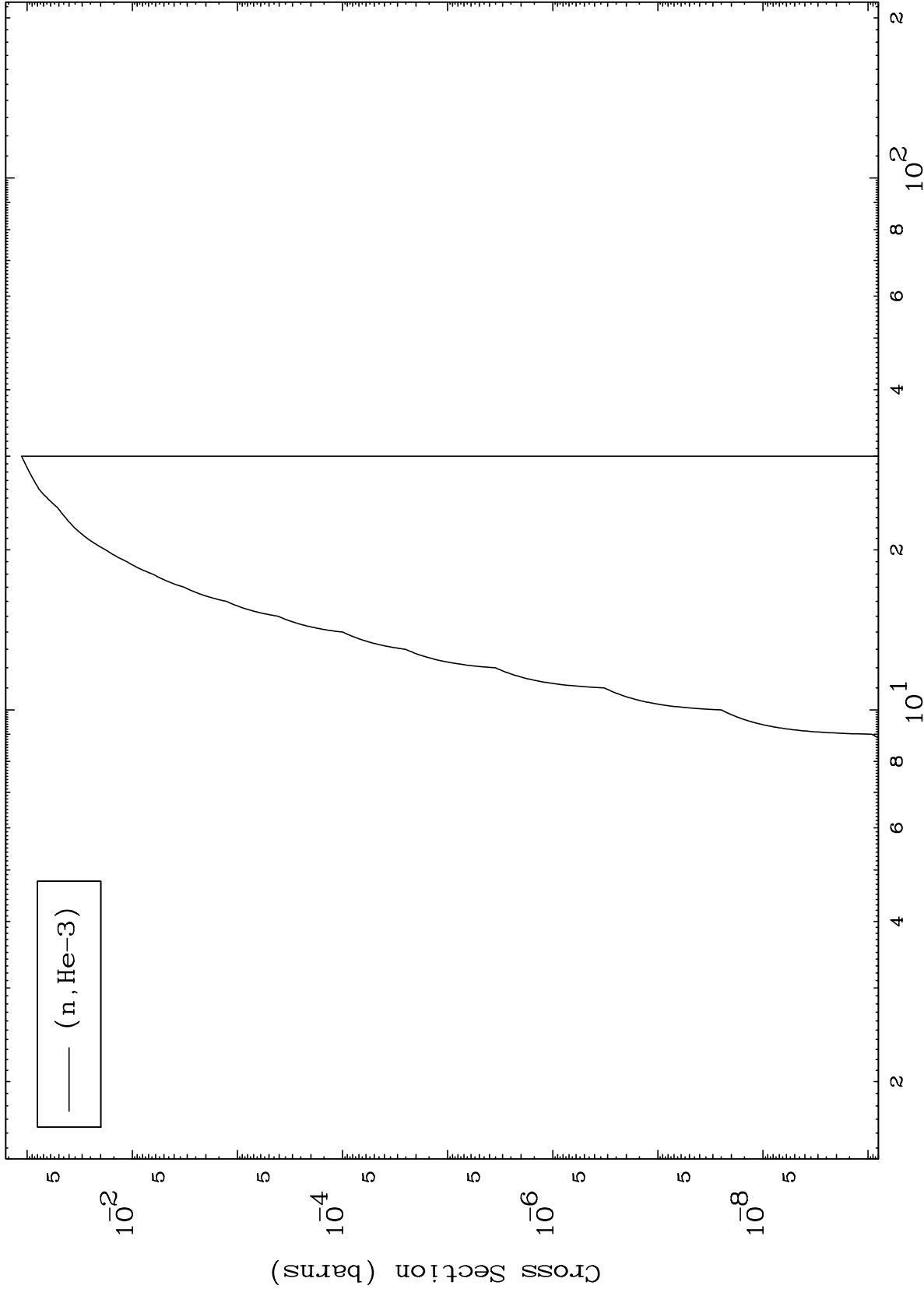
Incident Energy (MeV)

39-Y -89

MAT 3925

(t,He3) Levels  
0 Kelvin Cross Sections

39-Y -89

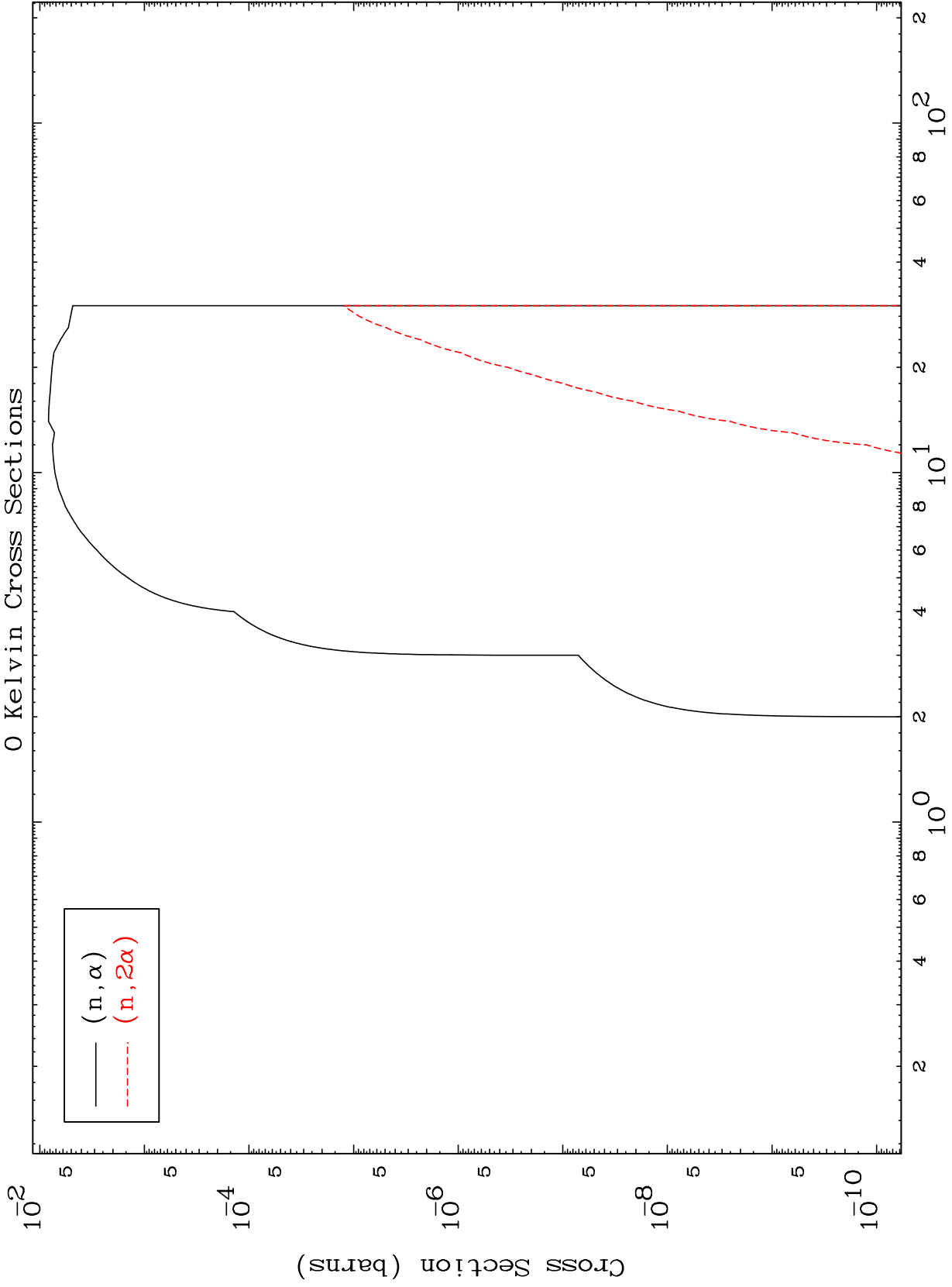


10

Incident Energy (MeV)

39-Y -89

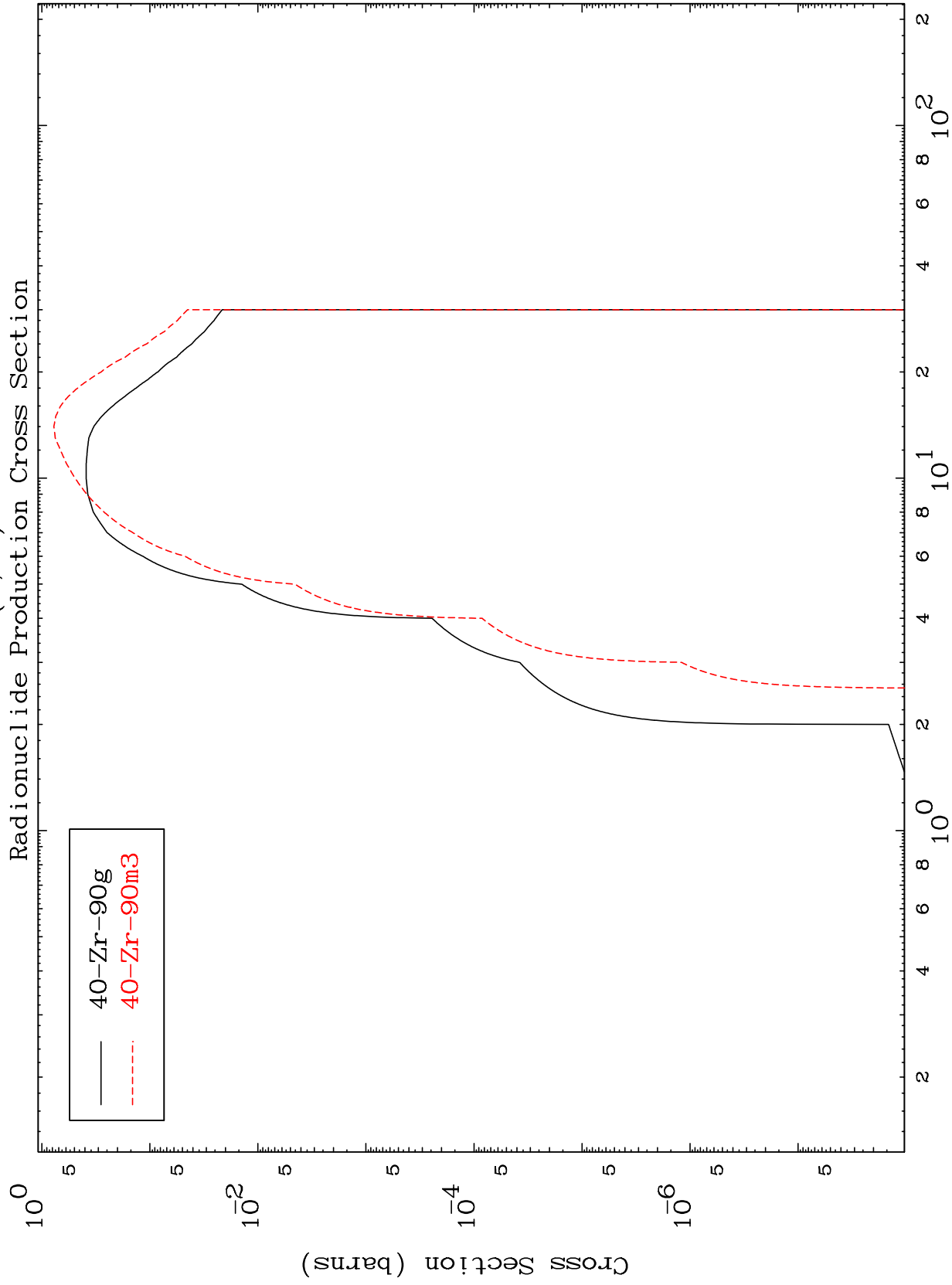
(t,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 3925

(n,2n)

39-Y -89

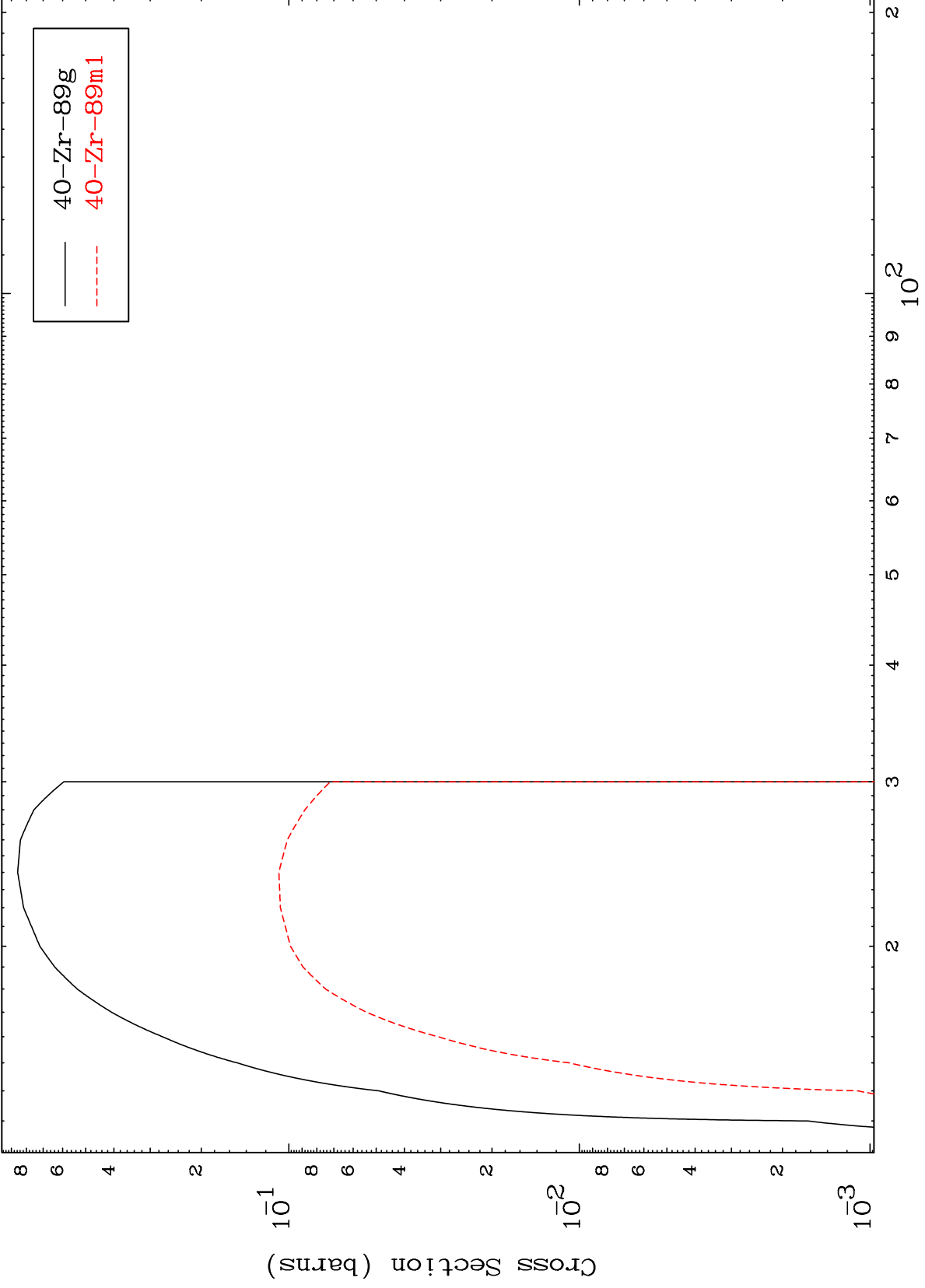


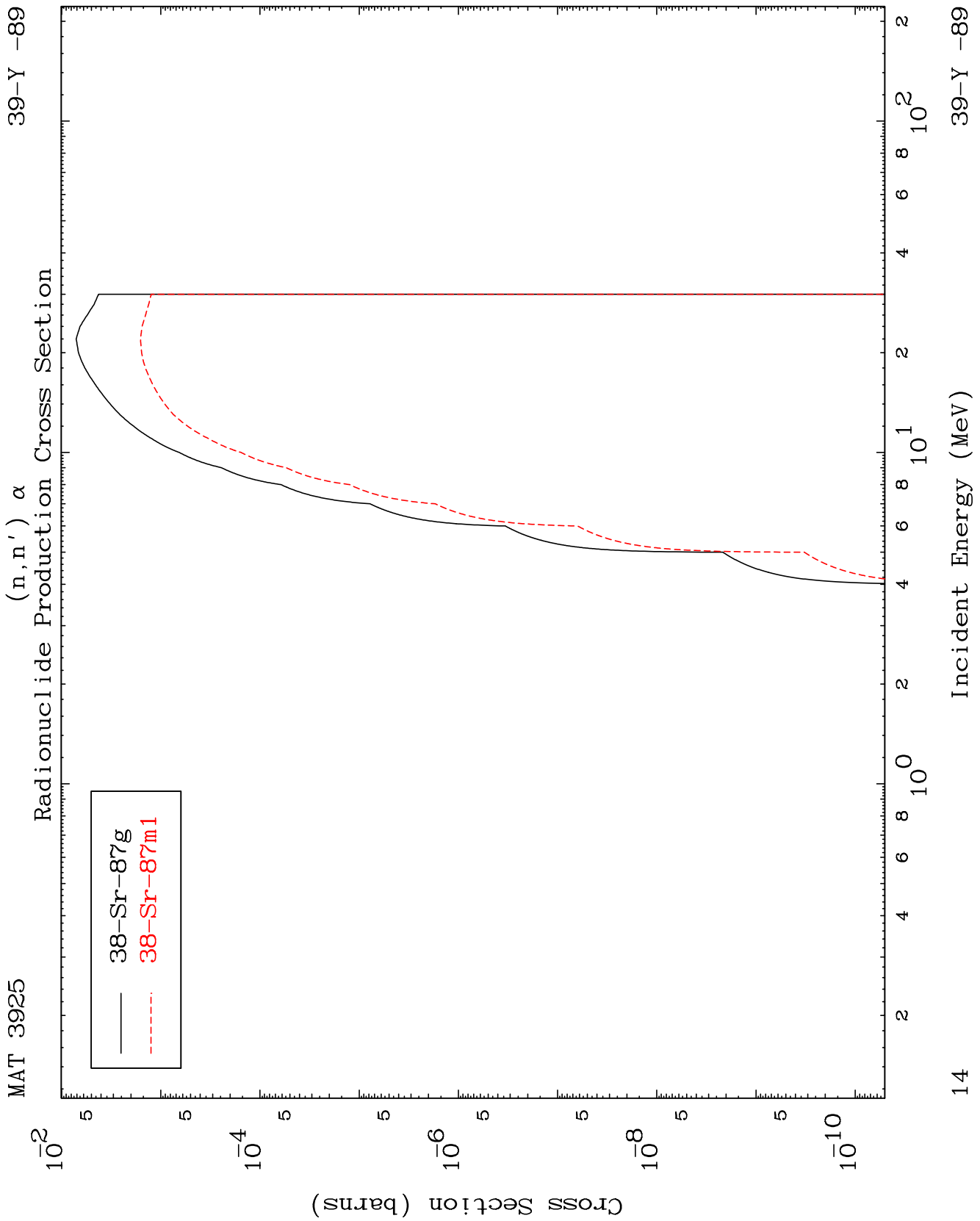
12

Incident Energy (MeV)

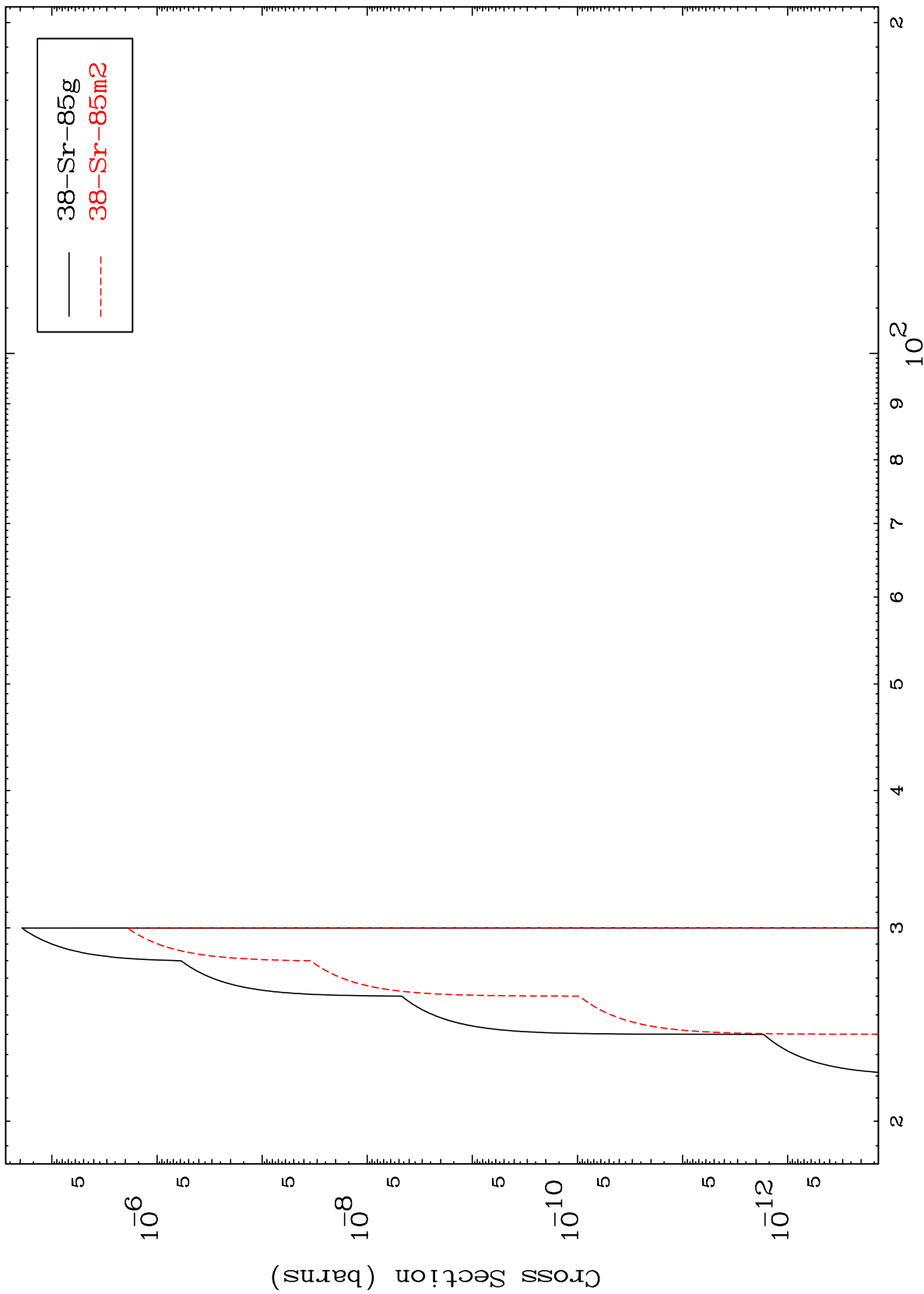
39-Y -89

(n,3n)  
Radionuclide Production Cross Section





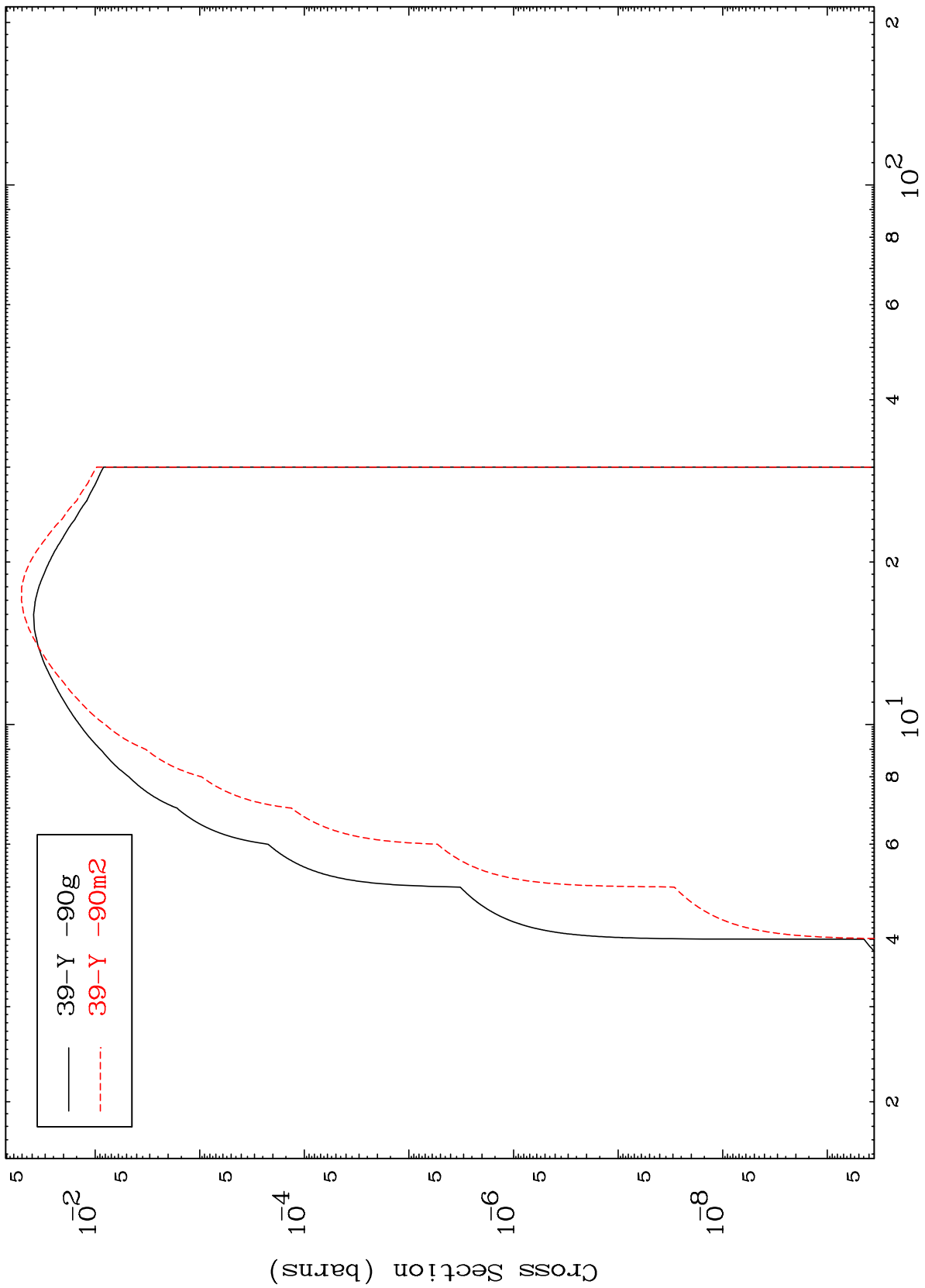
Radionuclide Production Cross Section



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39-Y -89

(n,n') p  
Radionuclide Production Cross Section



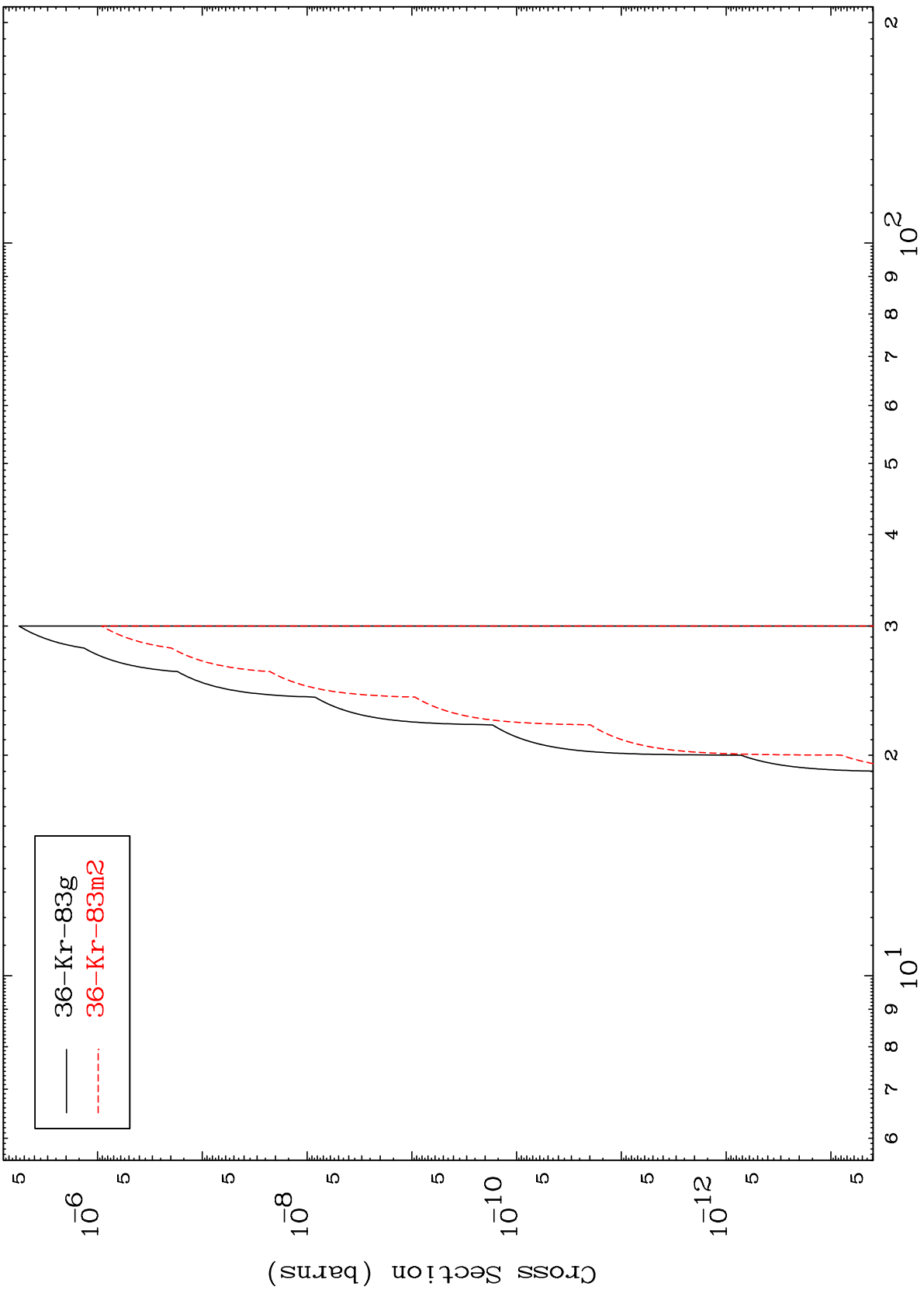
39-Y -90g  
39-Y -90m2

39-Y -89

Incident Energy (MeV)

16

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



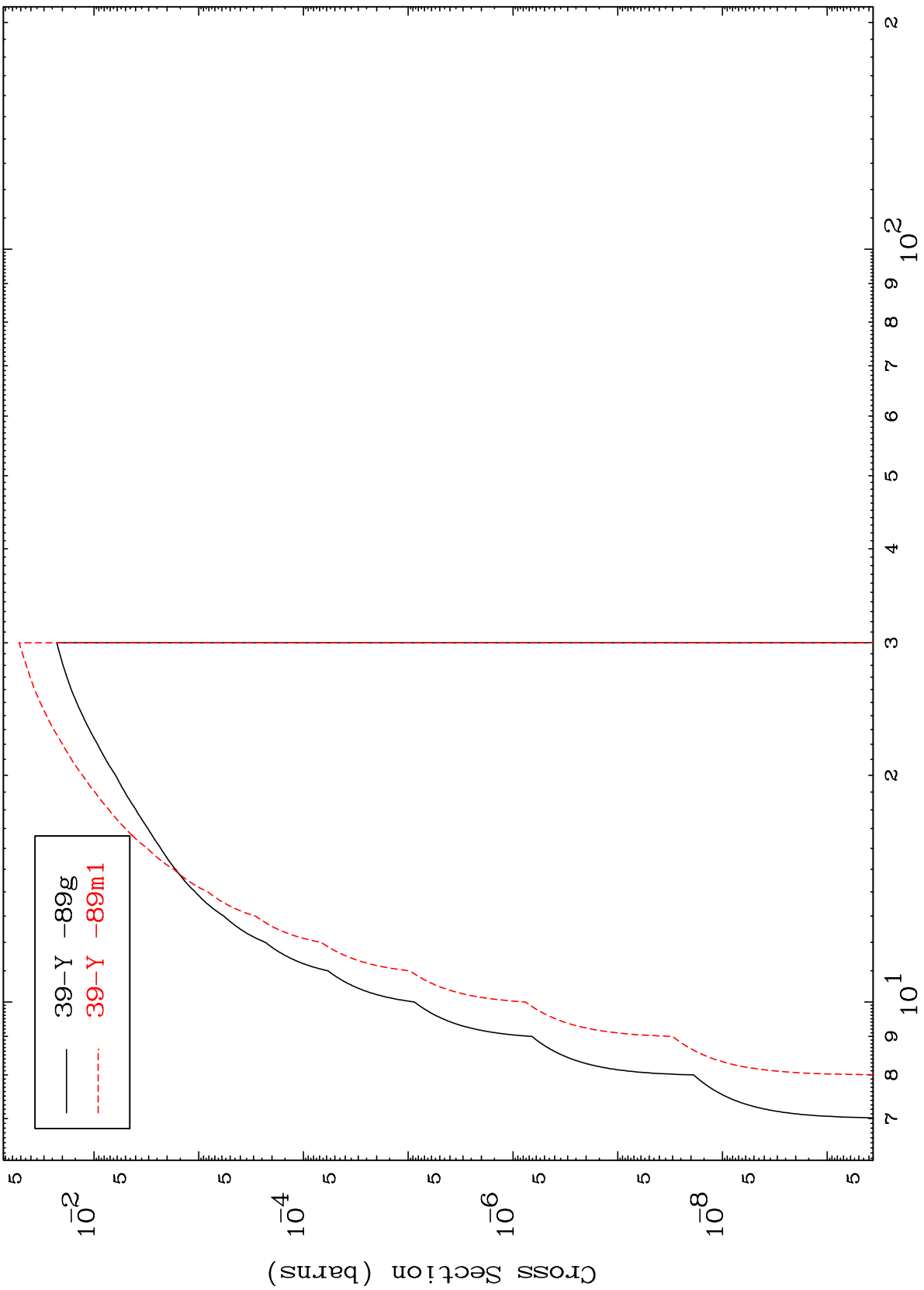
— 36-Kr-83g  
- - - 36-Kr-83m2

MAT 3925

(n,n') d

39-Y -89

Radionuclide Production Cross Section



39-Y -89g  
39-Y -89m1

18

Incident Energy (MeV)

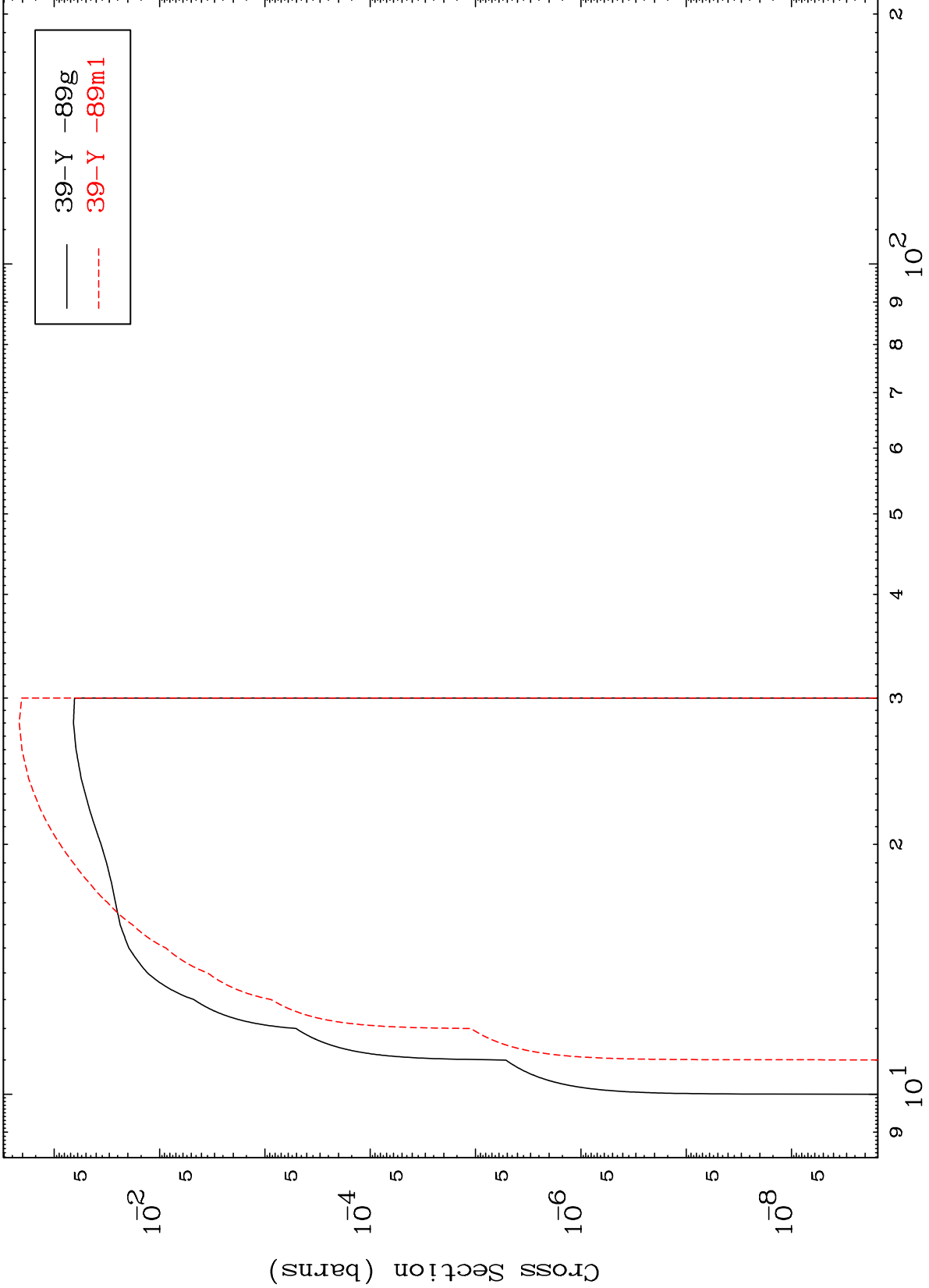
39-Y -89

MAT 3925

(n,2n) p

39-Y -89

Radionuclide Production Cross Section



19

Incident Energy (MeV)

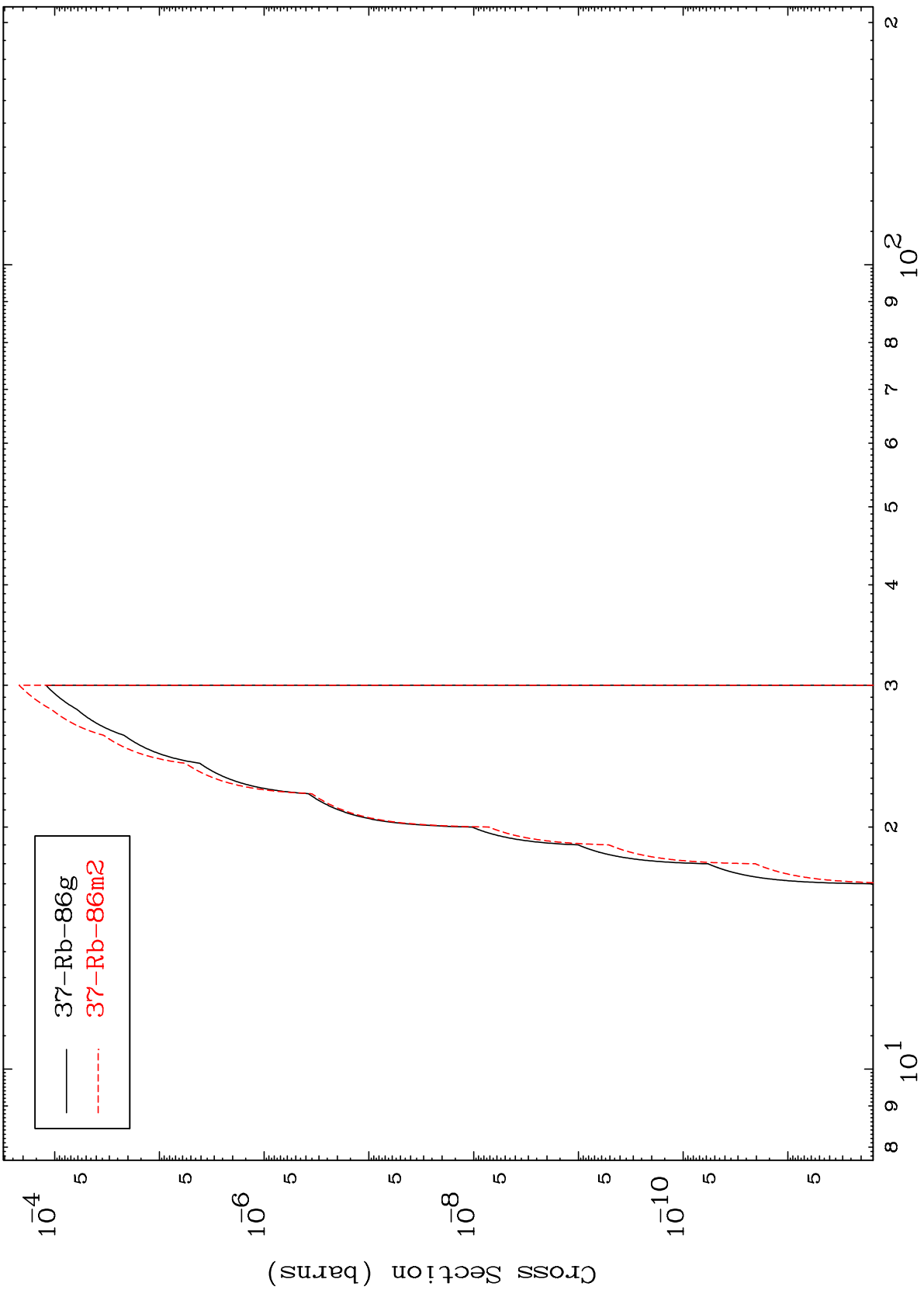
39-Y -89

MAT 3925

(n,n') p  $\alpha$

39-Y -89

Radionuclide Production Cross Section



— 37-Rb-86g  
- - - 37-Rb-86m2

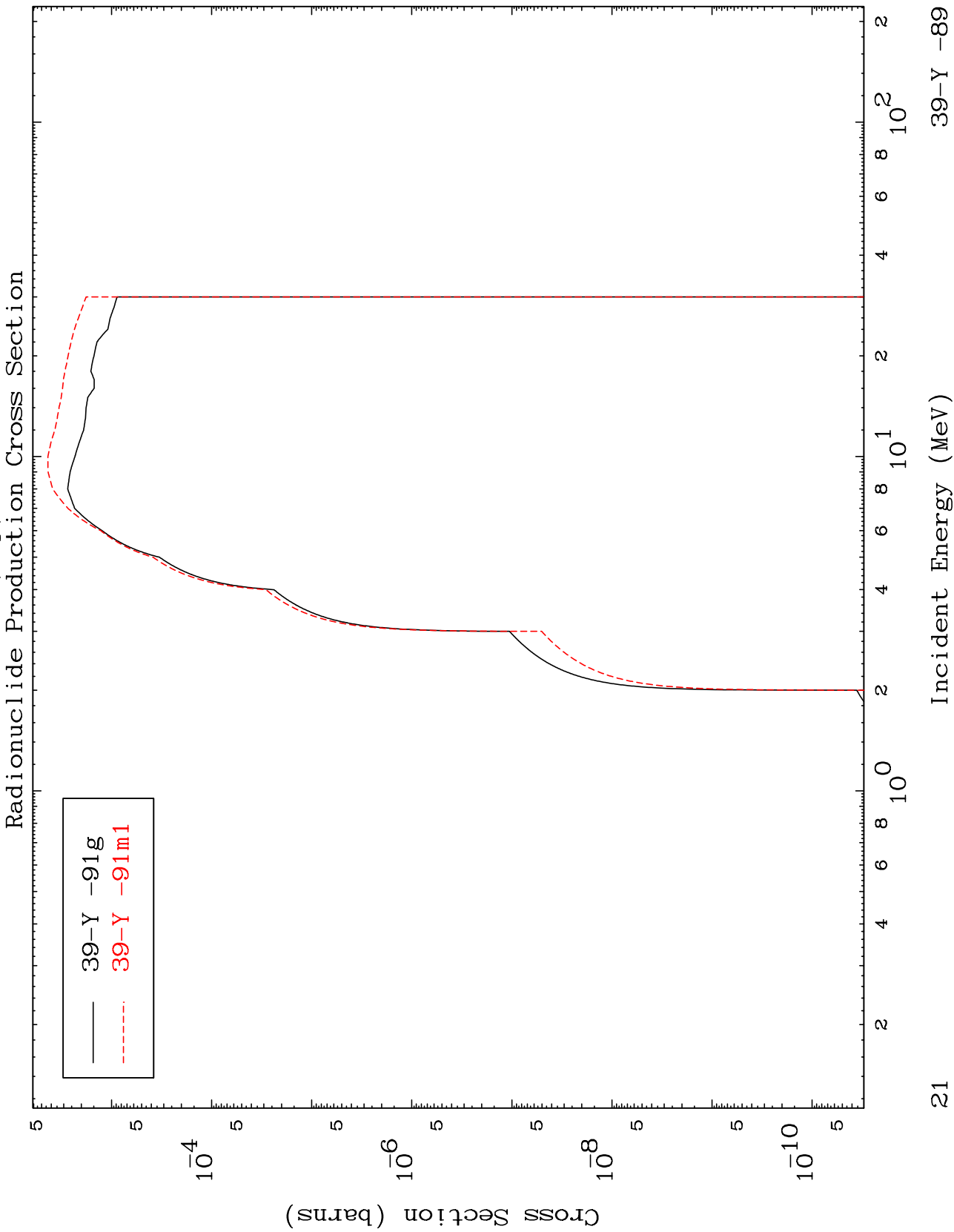
20

Incident Energy (MeV)

39-Y -89

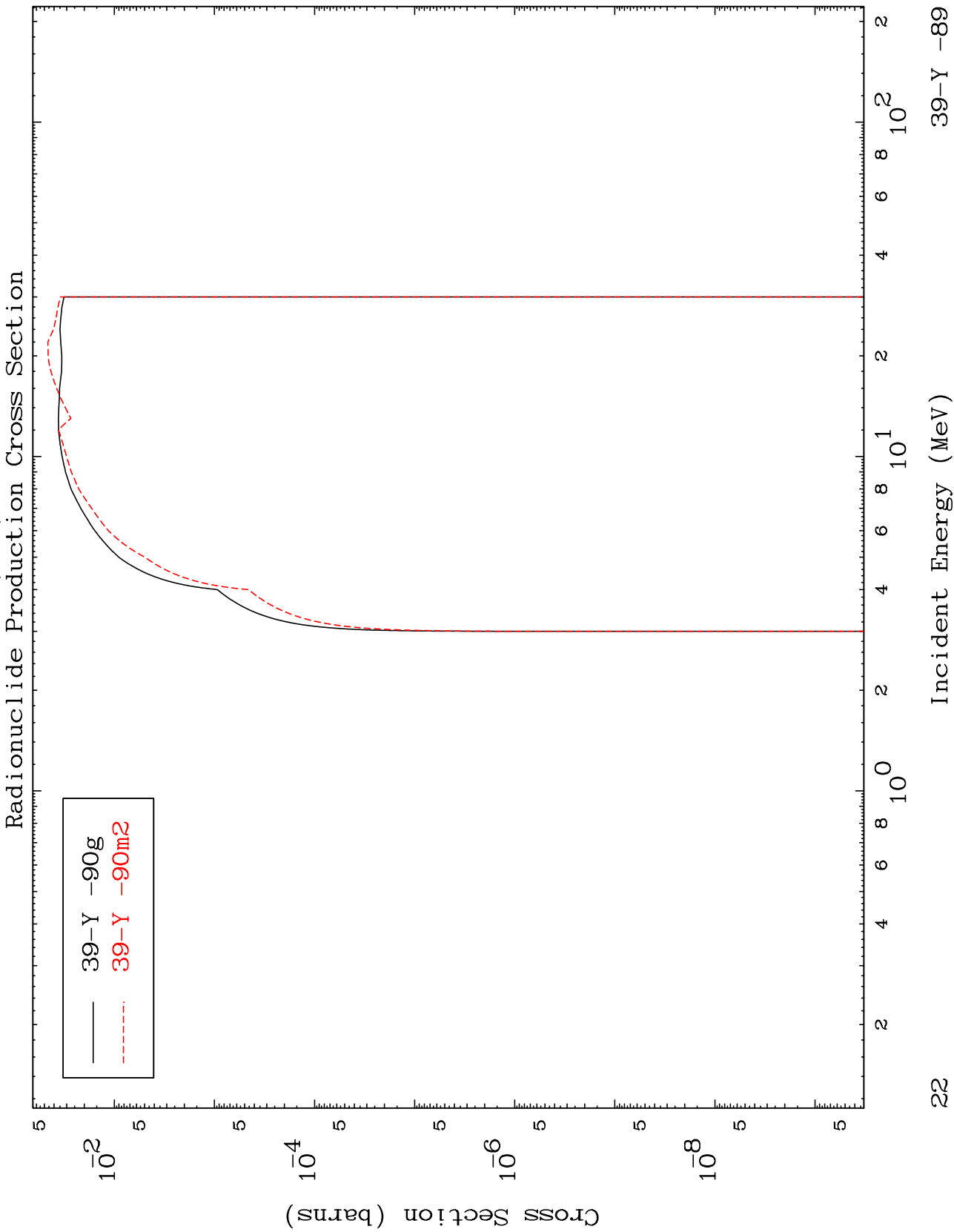
MAT 3925

39-Y -89



MAT 3925

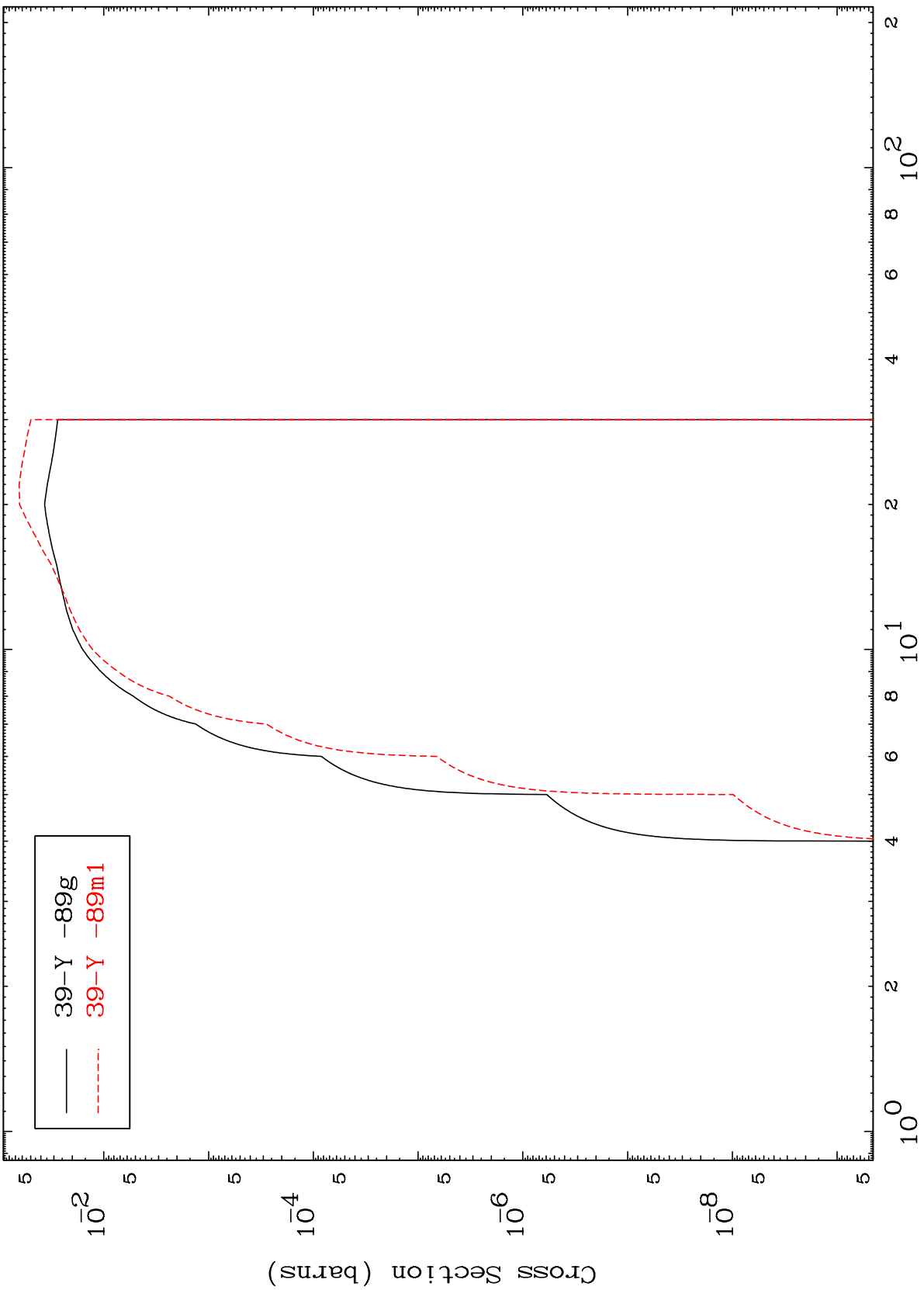
39-Y -89



MAT 3925

39-Y -89

Radionuclide Production Cross Section (n,t)



39-Y -89g  
39-Y -89m1

23

Incident Energy (MeV)

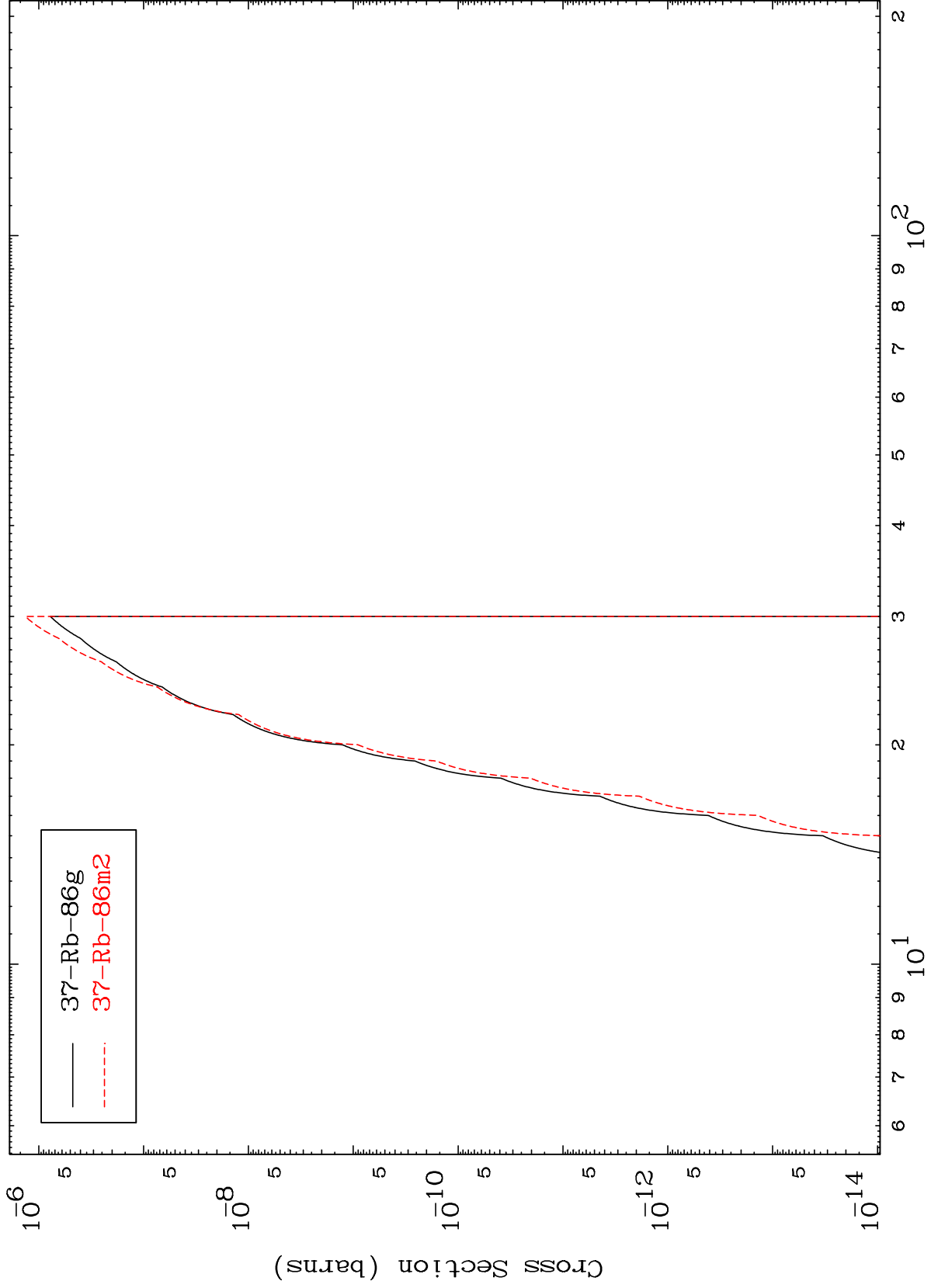
39-Y -89

MAT 3925

(n,d)  $\alpha$

39-Y -89

Radionuclide Production Cross Section



24

Incident Energy (MeV)

39-Y -89