

Program EVALPLOT  
(Version 2017-1)

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](mailto:redcullen1@comcast.net)

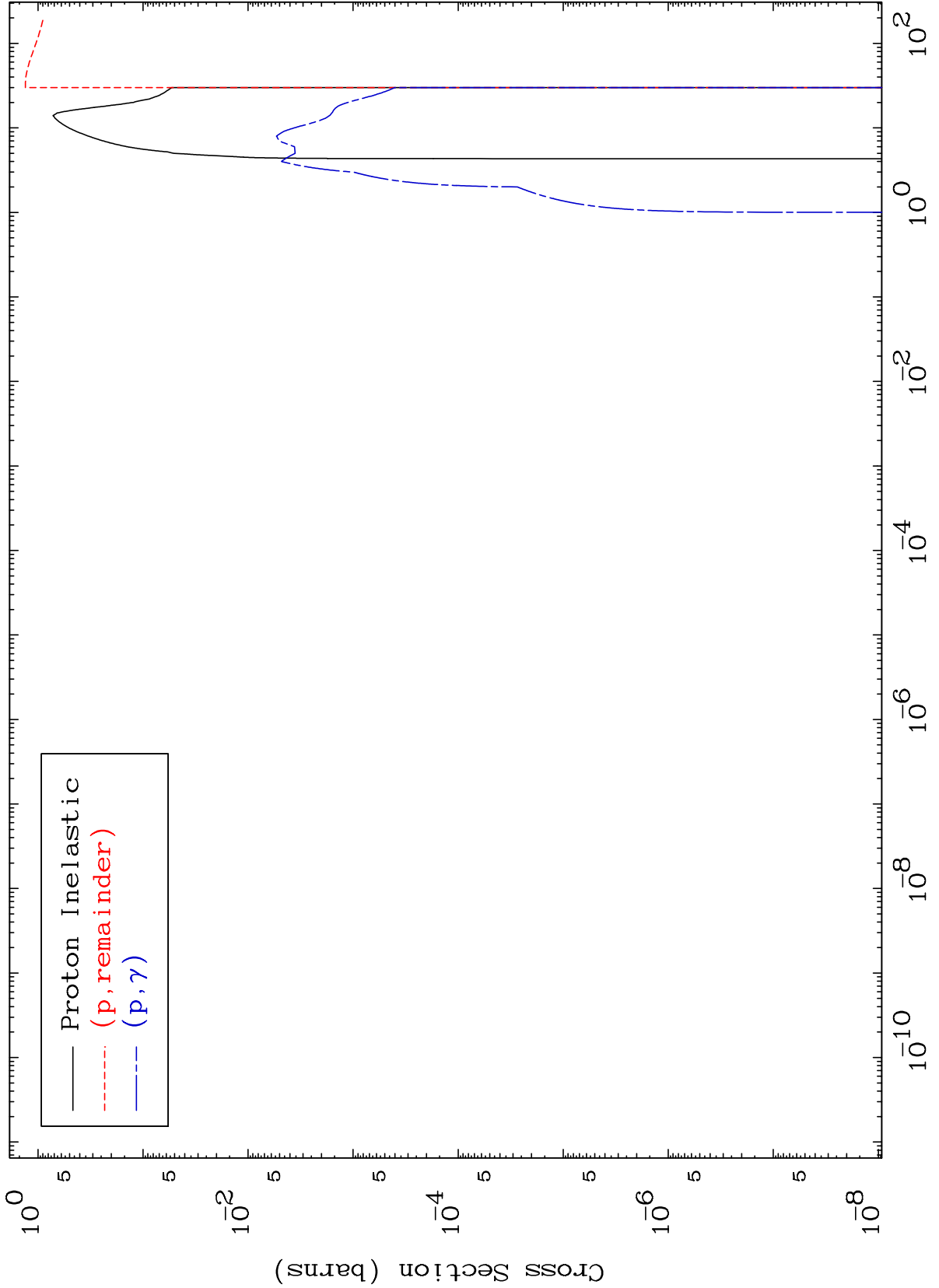
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

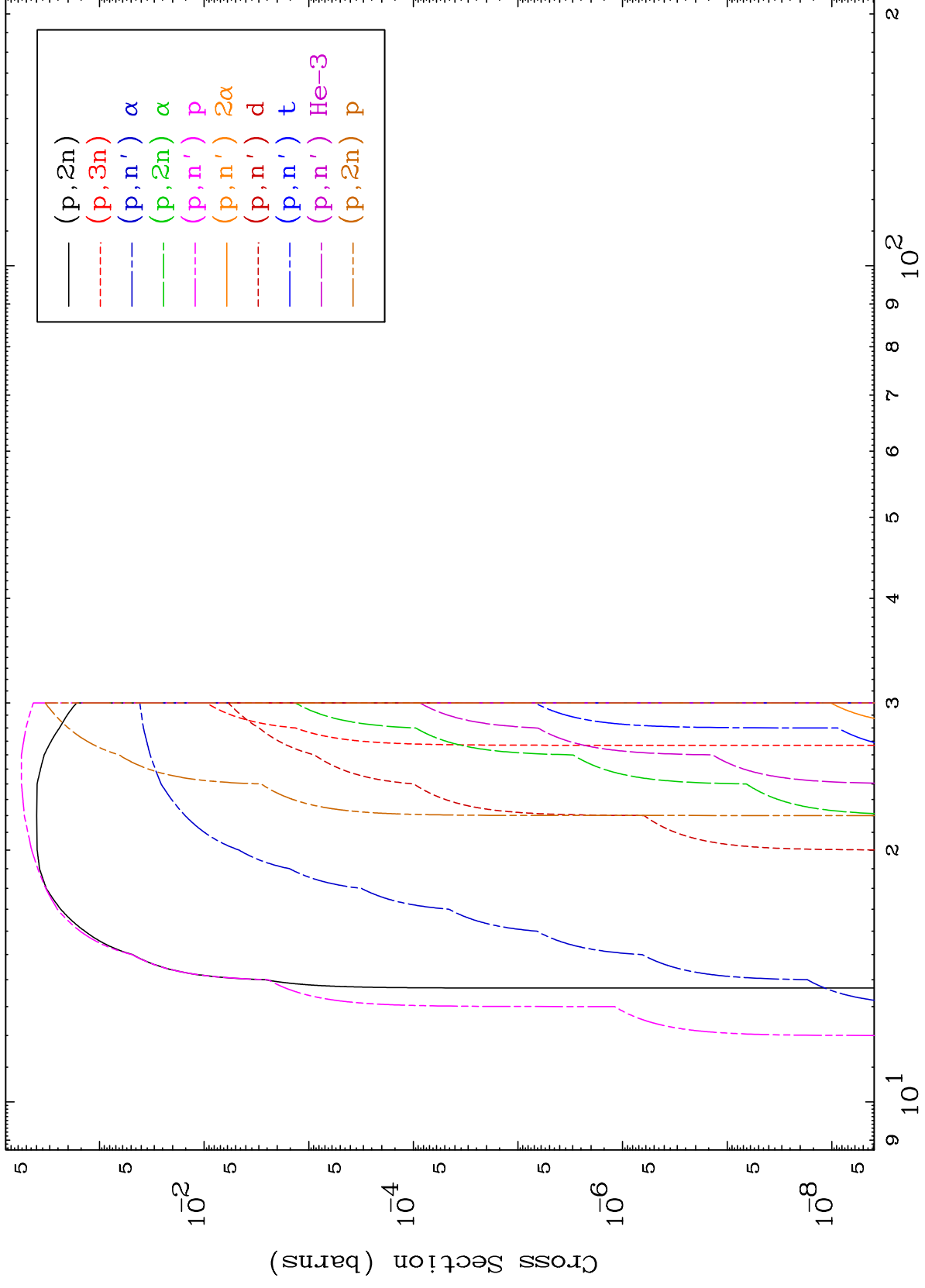
MAT 3920

Proton Major  
0 Kelvin Cross Sections

39-Y -87



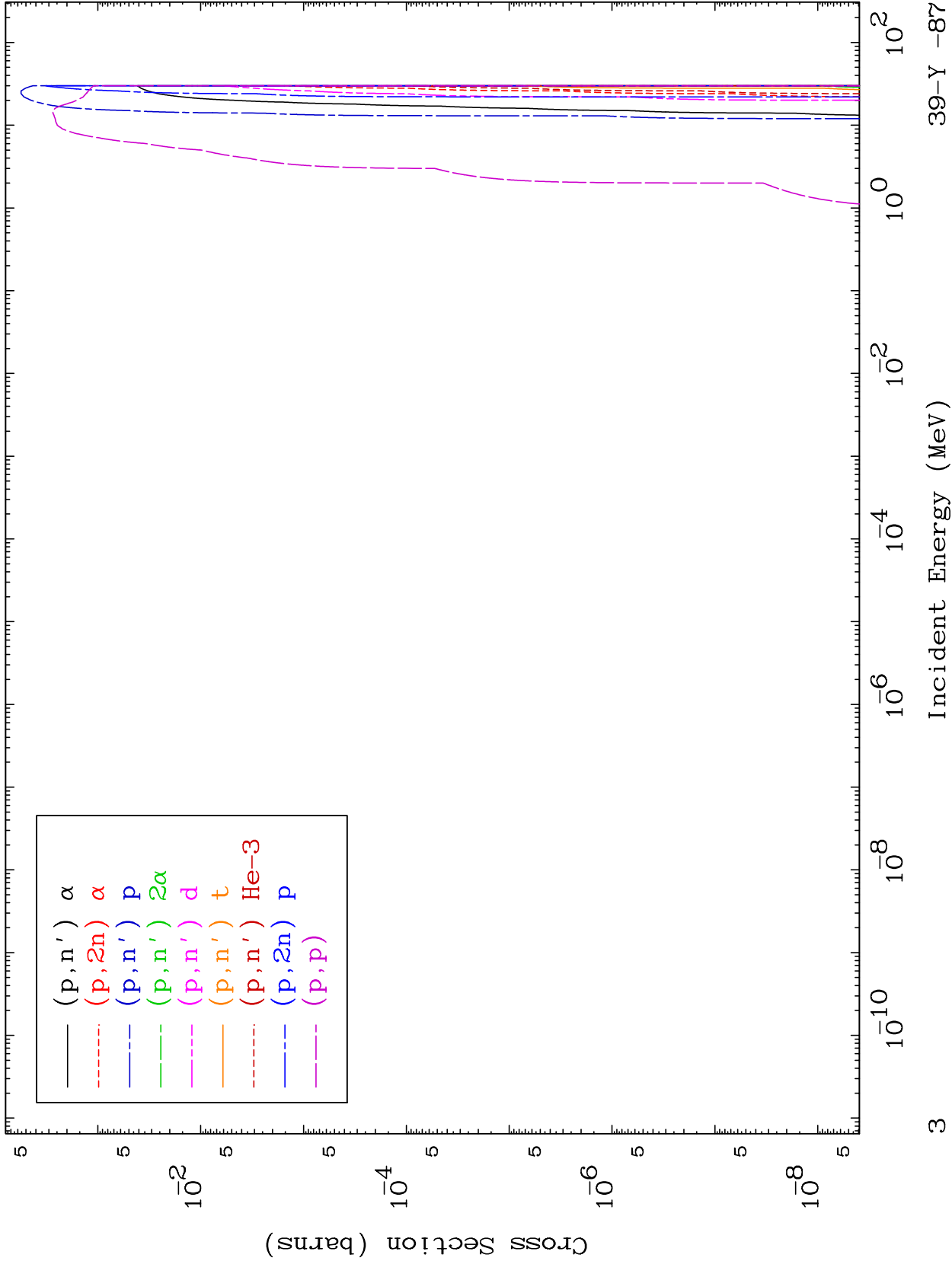
— Proton Inelastic  
- - - (p, remainder)  
- . - (p,  $\gamma$ )



MAT 3920

Proton Charged Particle  
0 Kelvin Cross Sections

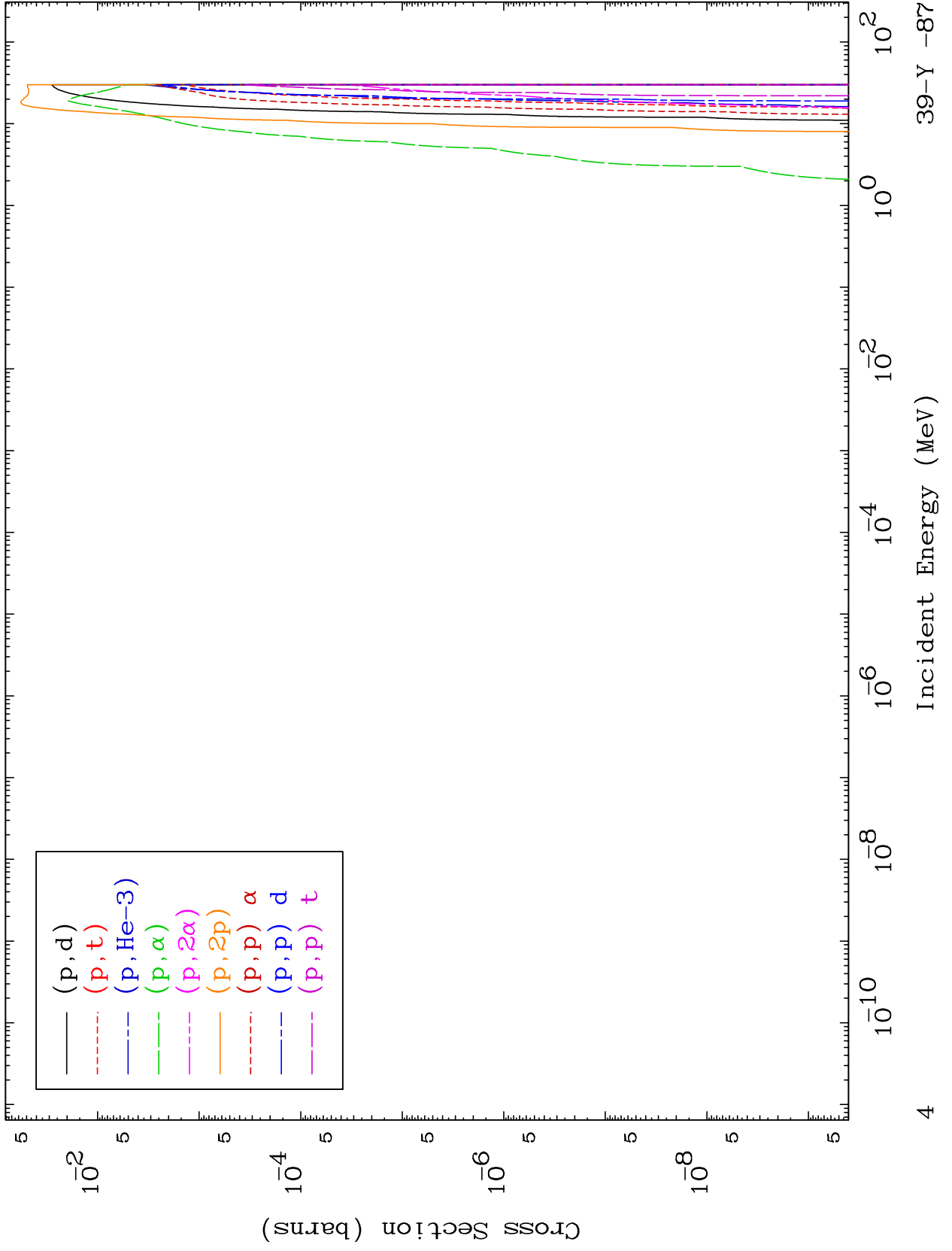
39-Y -87



MAT 3920

Proton Charged Particle  
0 Kelvin Cross Sections

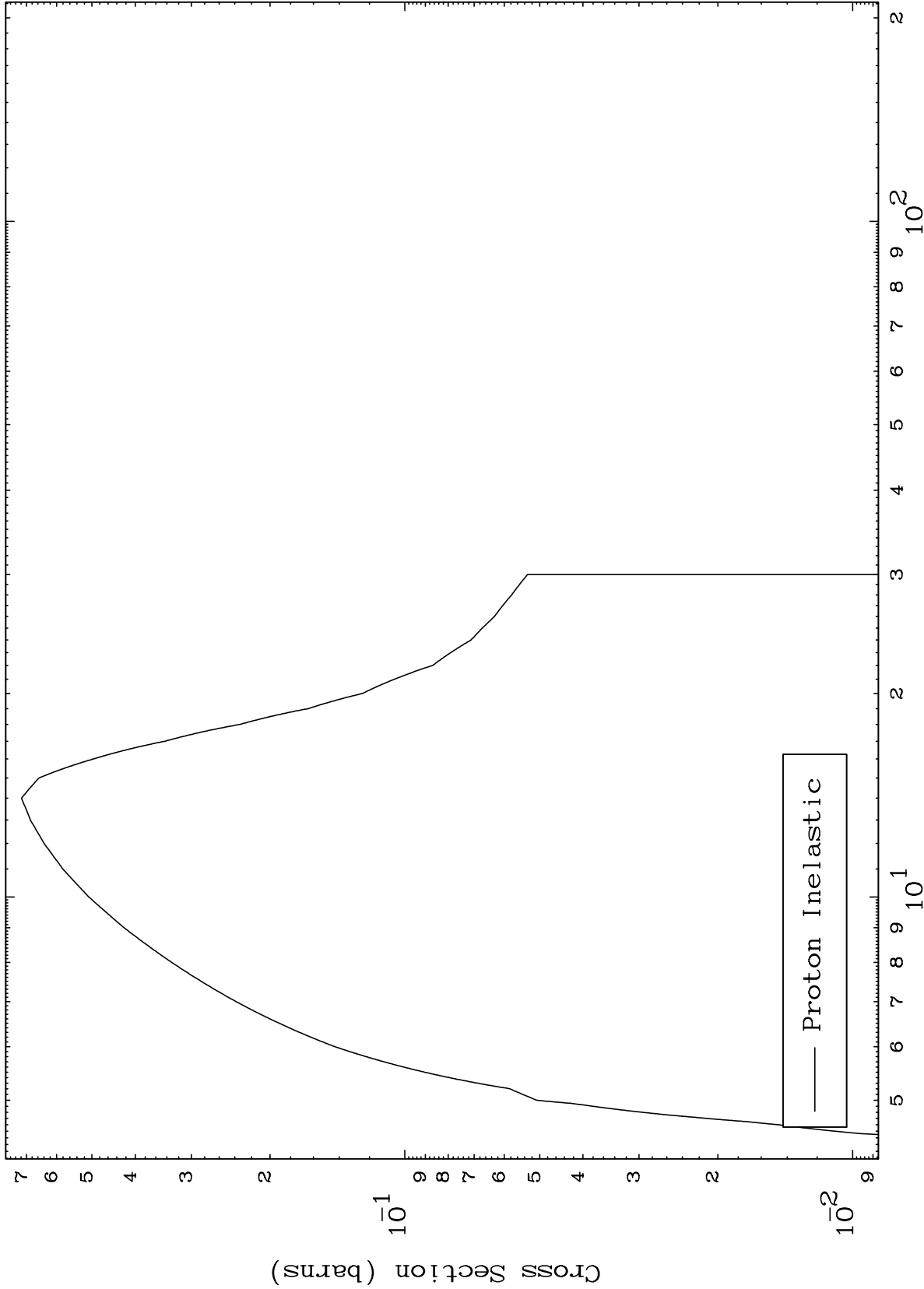
39-Y -87



MAT 3920

(p,n') Level  
0 Kelvin Cross Sections

39-Y -87



— Proton Inelastic

5

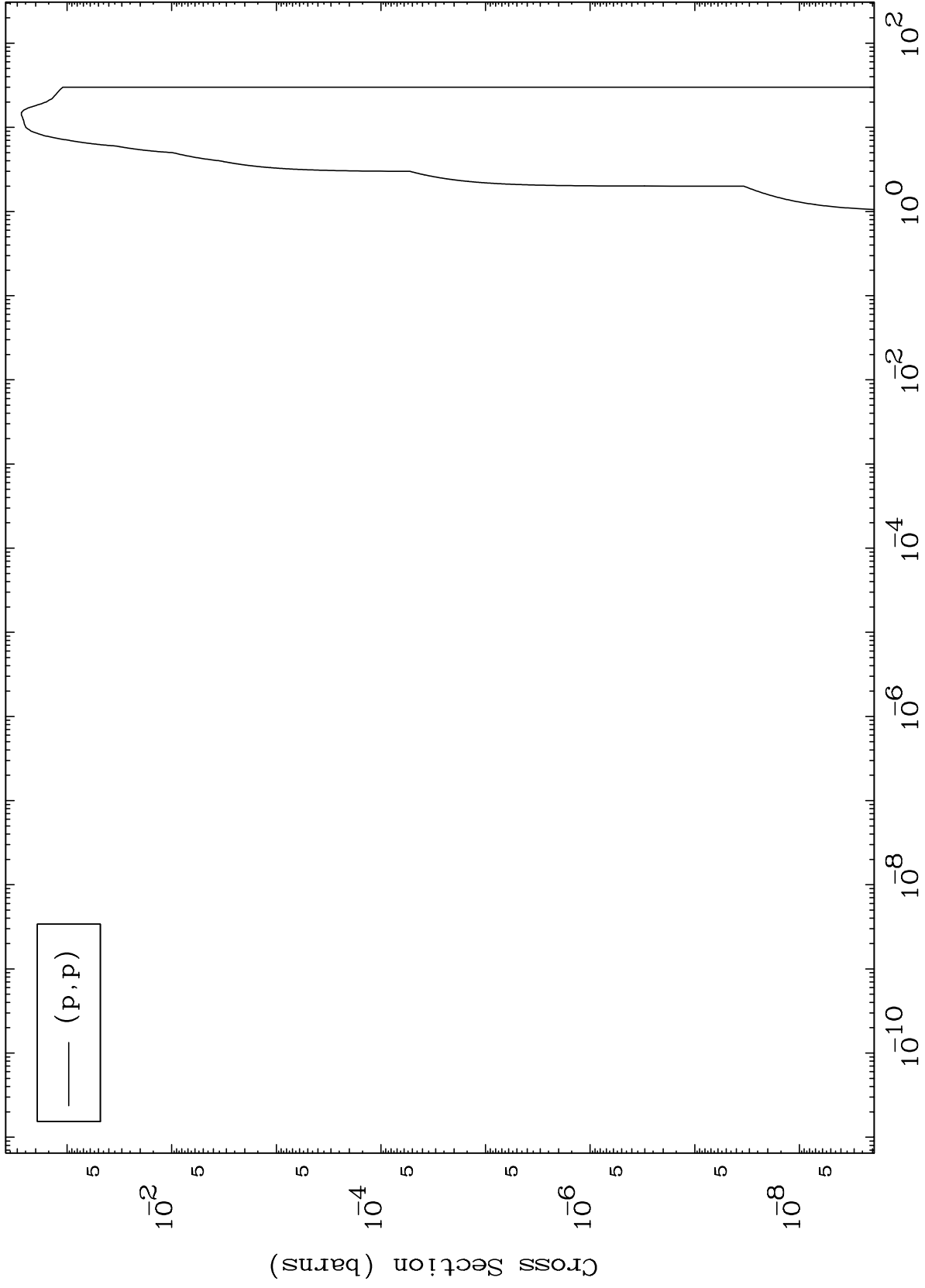
Incident Energy (MeV)

39-Y -87

MAT 3920

(p,p) Levels  
0 Kelvin Cross Sections

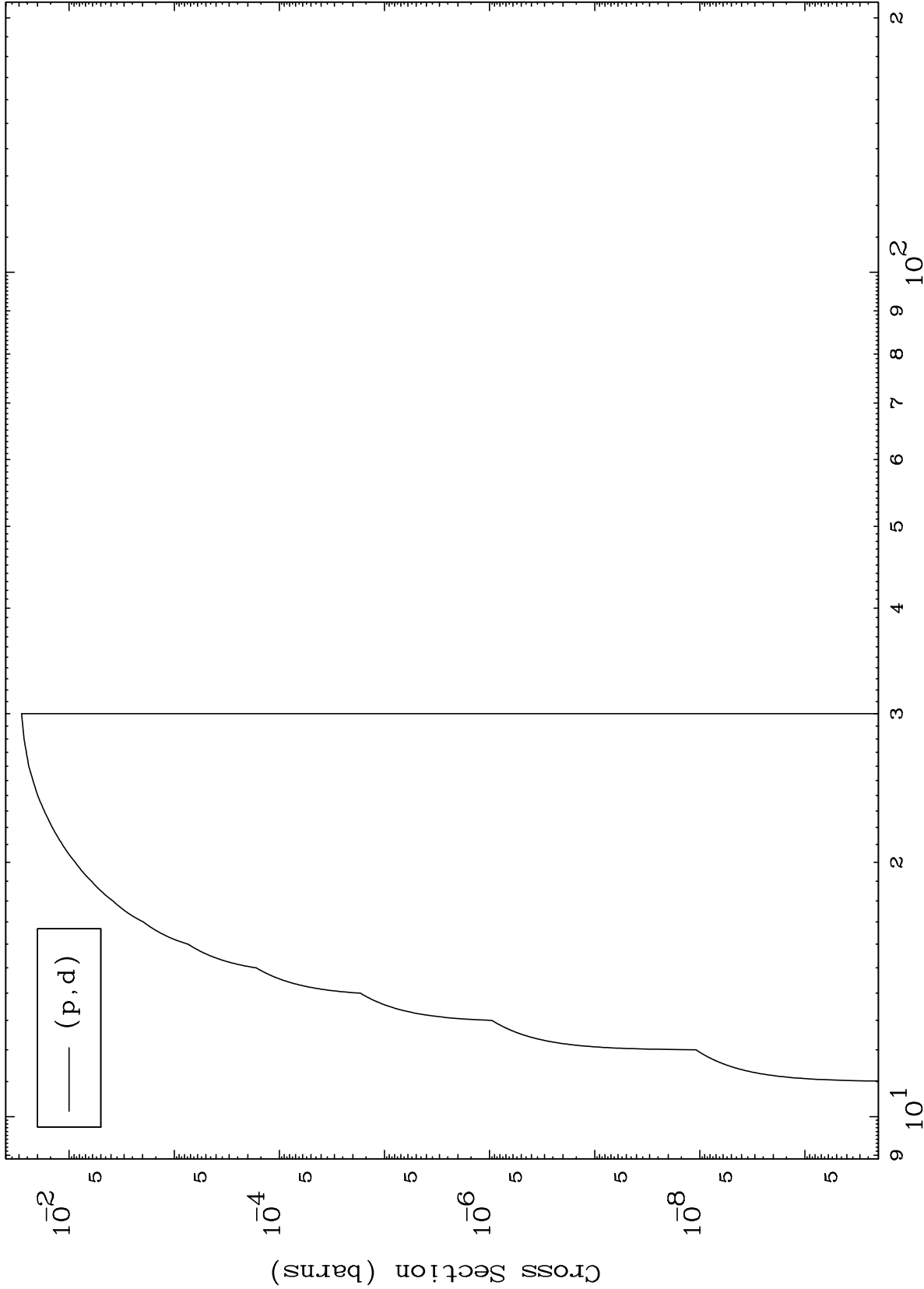
39-Y -87



MAT 3920

(p,d) Levels  
0 Kelvin Cross Sections

39-Y -87



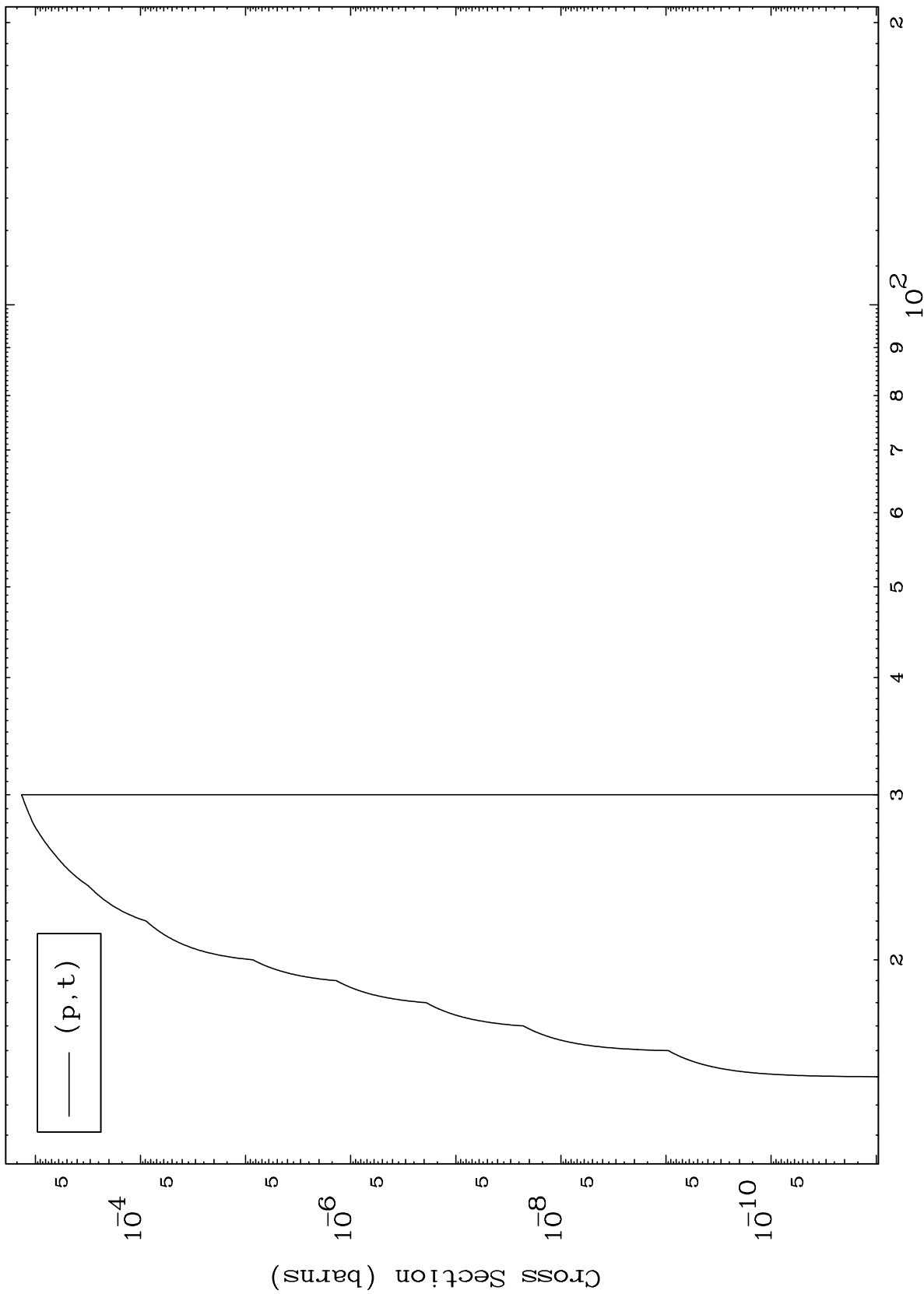
Incident Energy (MeV)

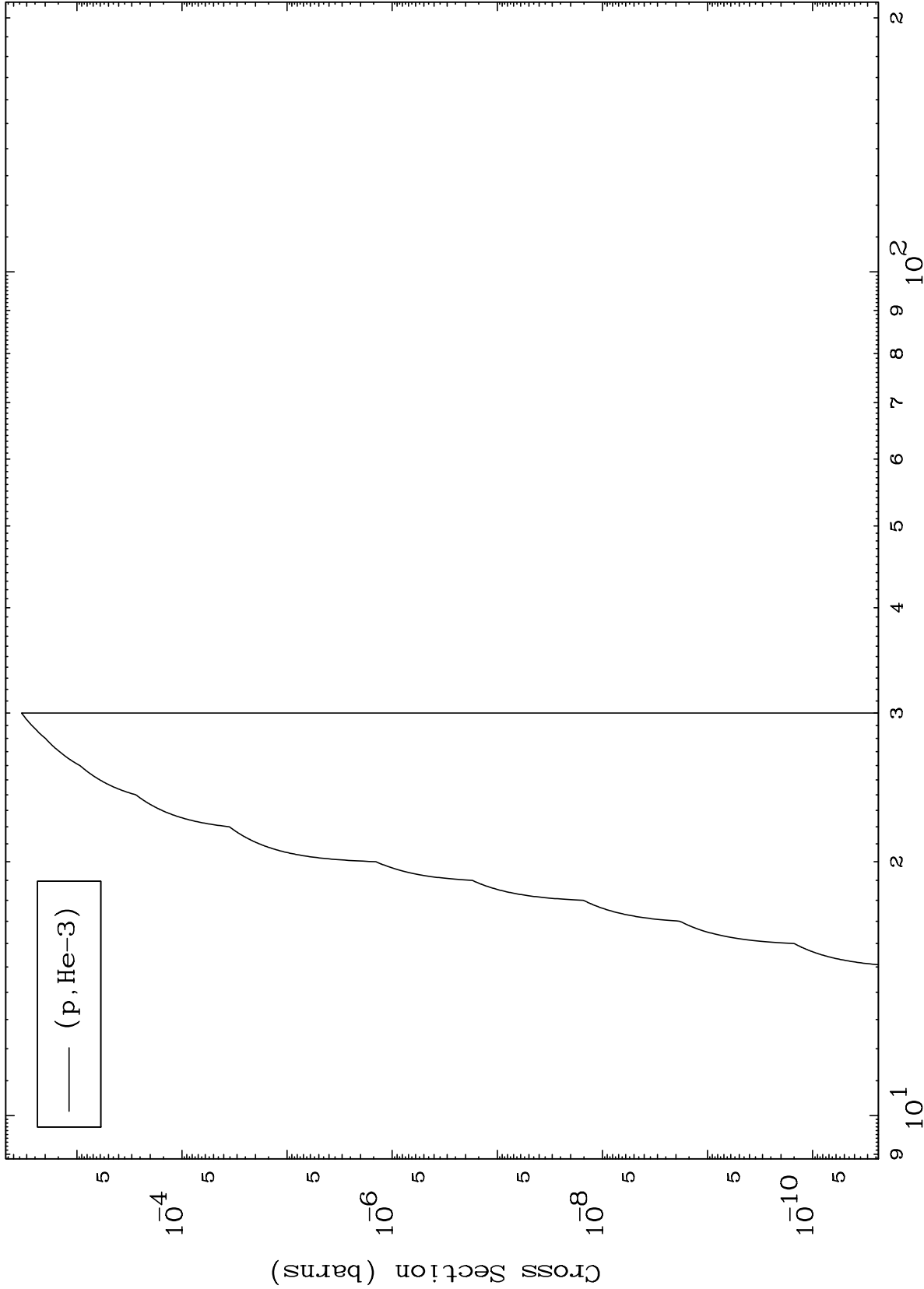
39-Y -87

7



(p,t) Levels  
0 Kelvin Cross Sections

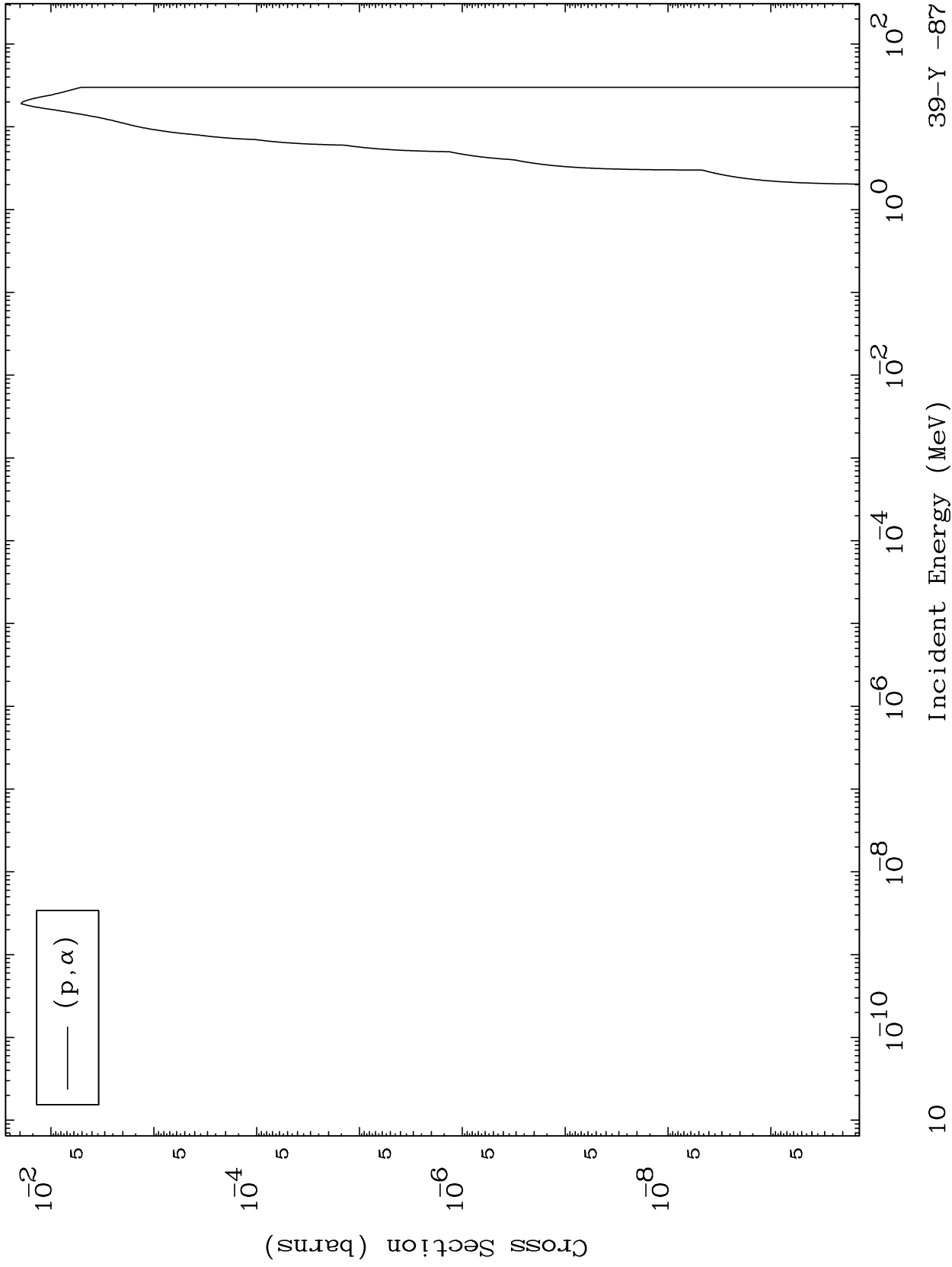


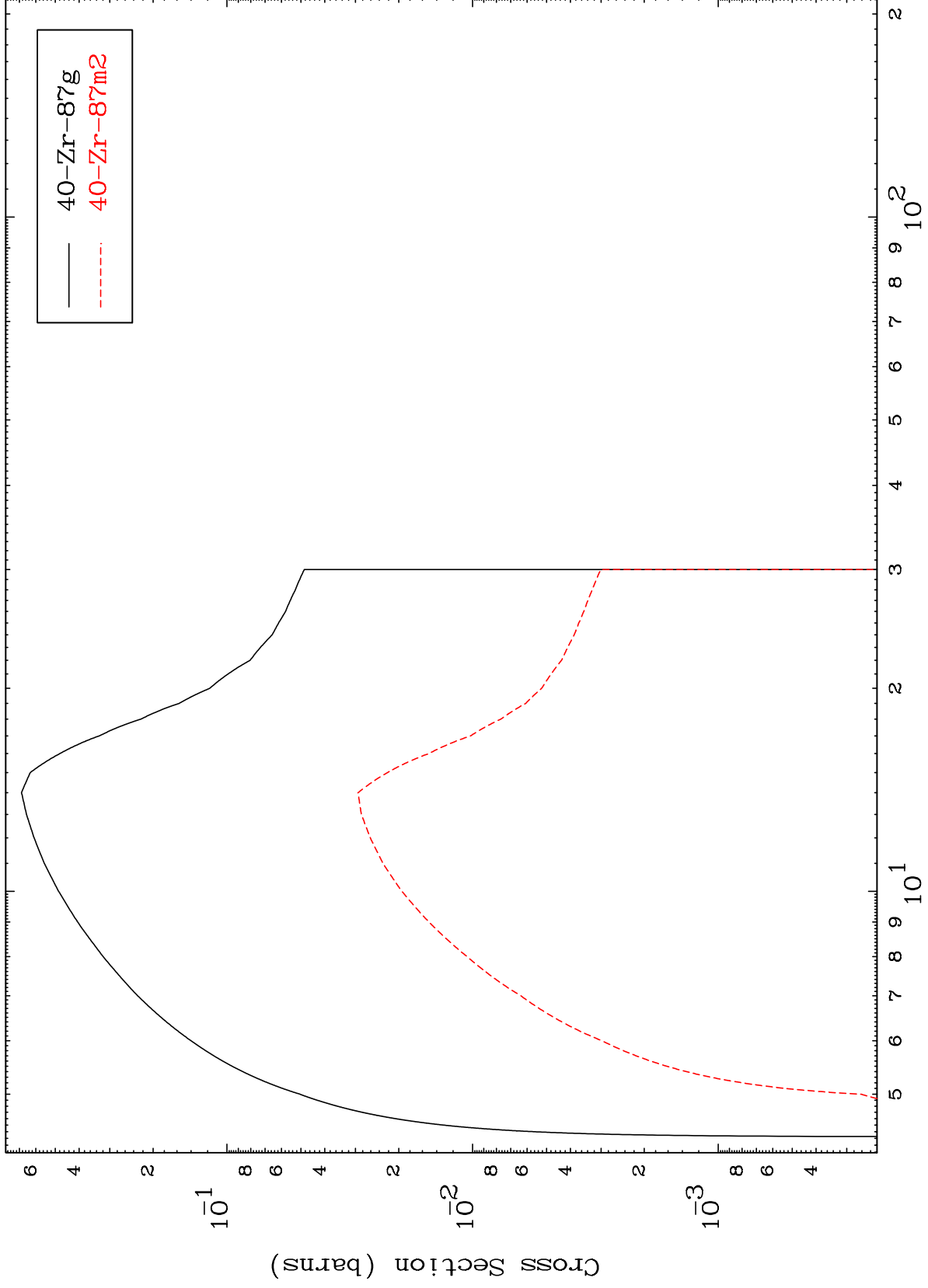


MAT 3920

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

39-Y -87

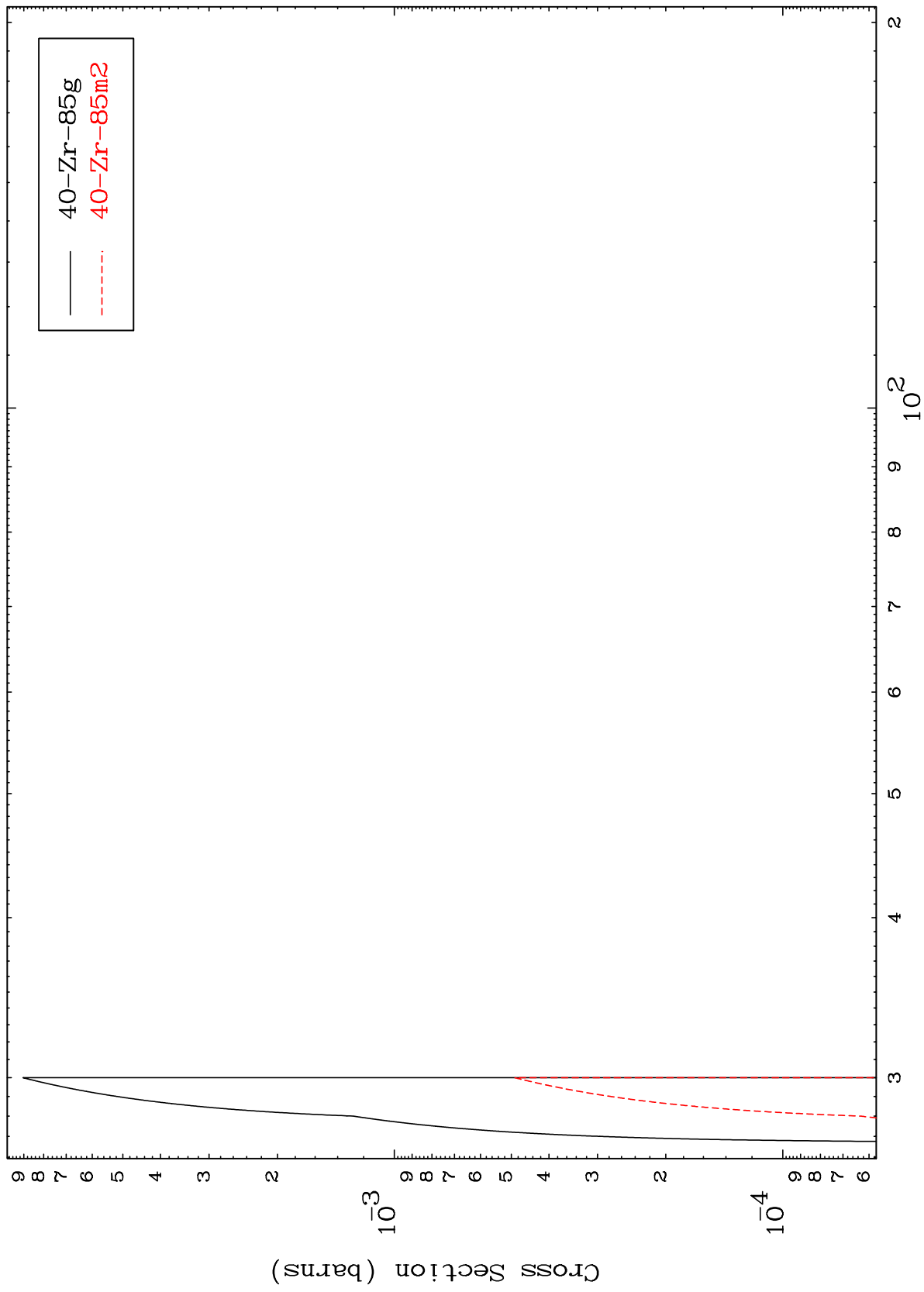




MAT 3920

39-Y -87

Radionuclide Production Cross Section  
(p,3n)



39-Y -87

Incident Energy (MeV)

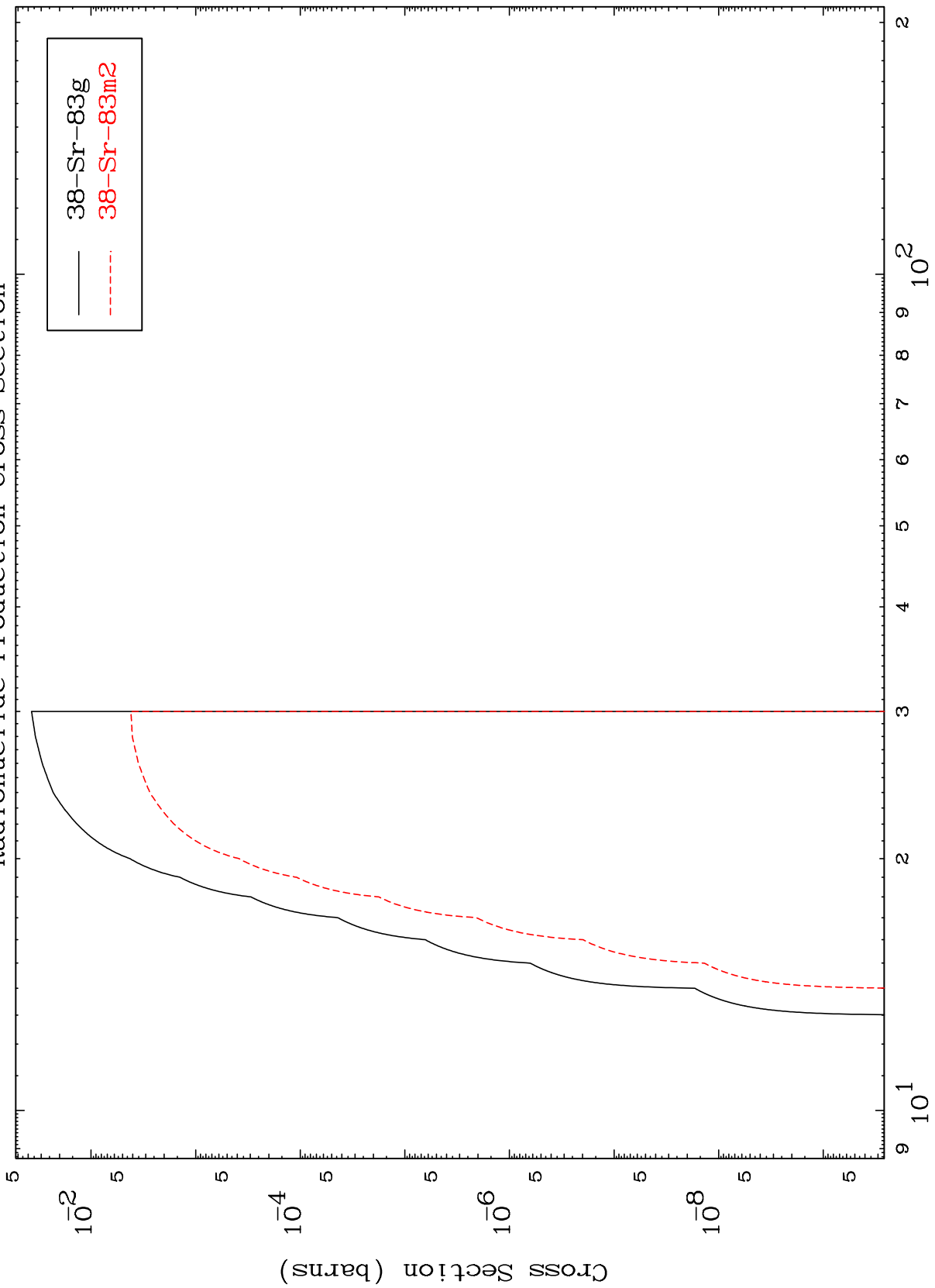
12

MAT 3920

(p,n')  $\alpha$

39-Y -87

Radionuclide Production Cross Section

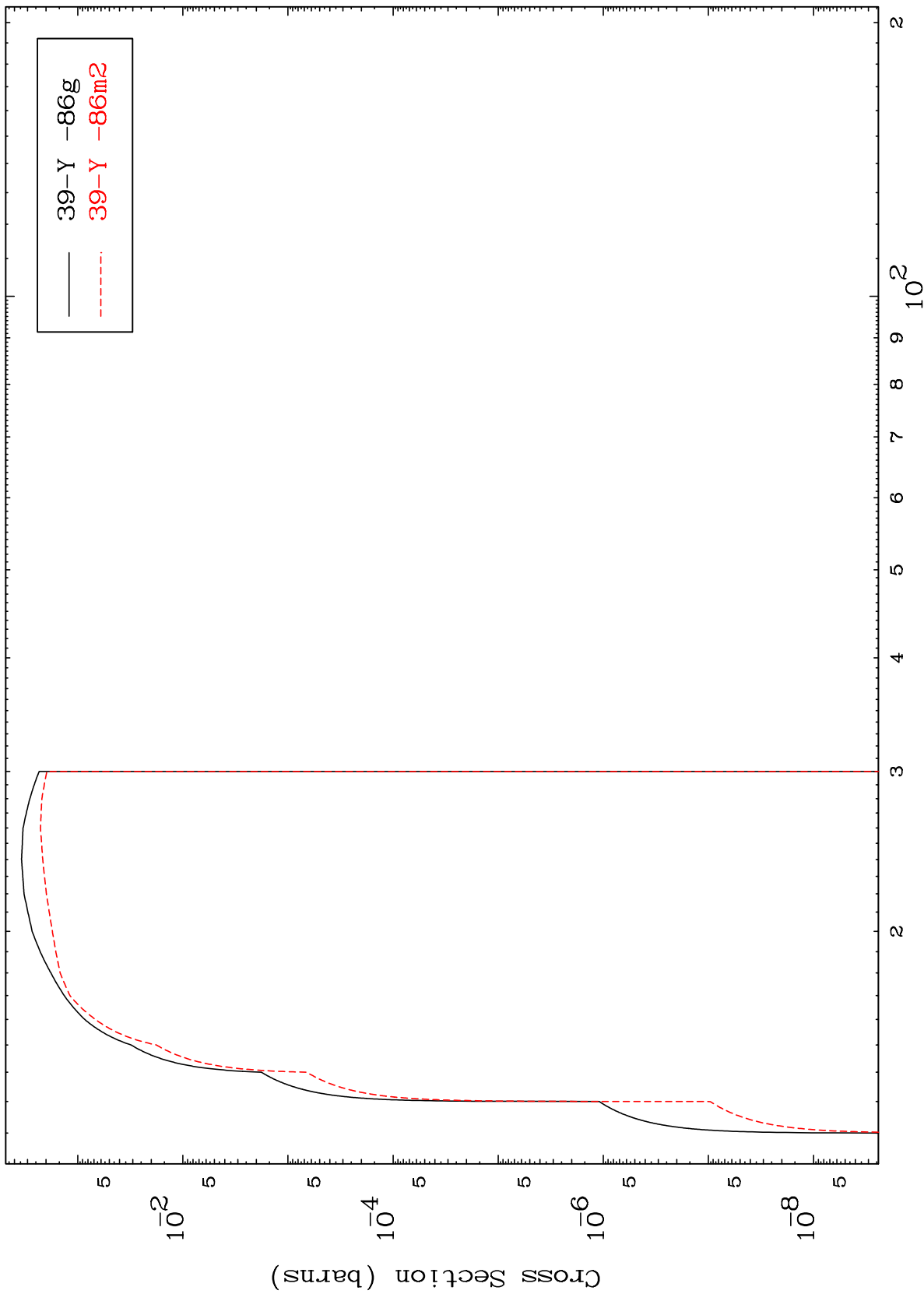


Incident Energy (MeV)

39-Y -87

13

Radionuclide Production Cross Section

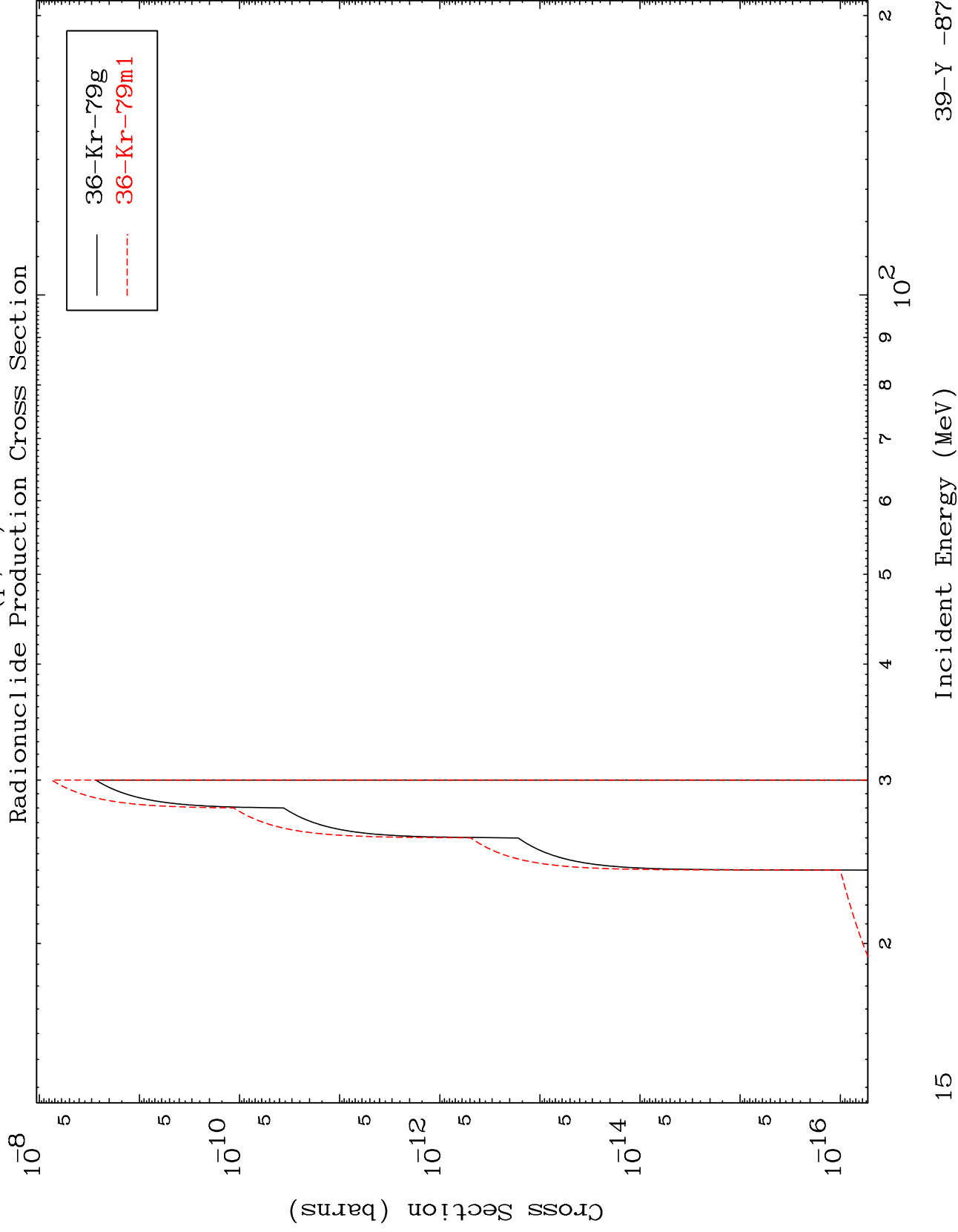


39-Y -86g  
39-Y -86m2

MAT 3920

(p,n') 2α

39-Y -87



15

39-Y -87

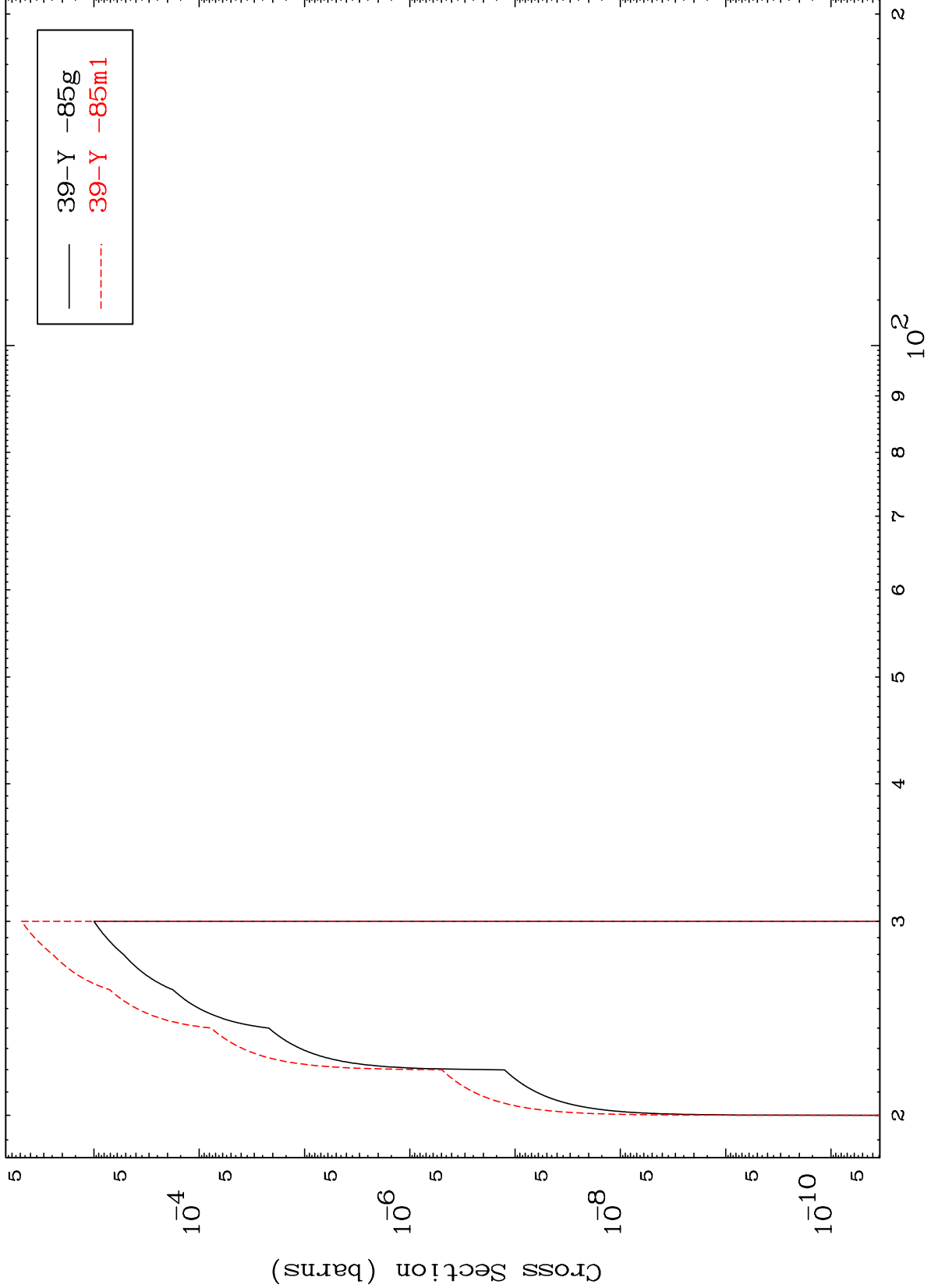


MAT 3920

(p,n') d

39-Y -87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

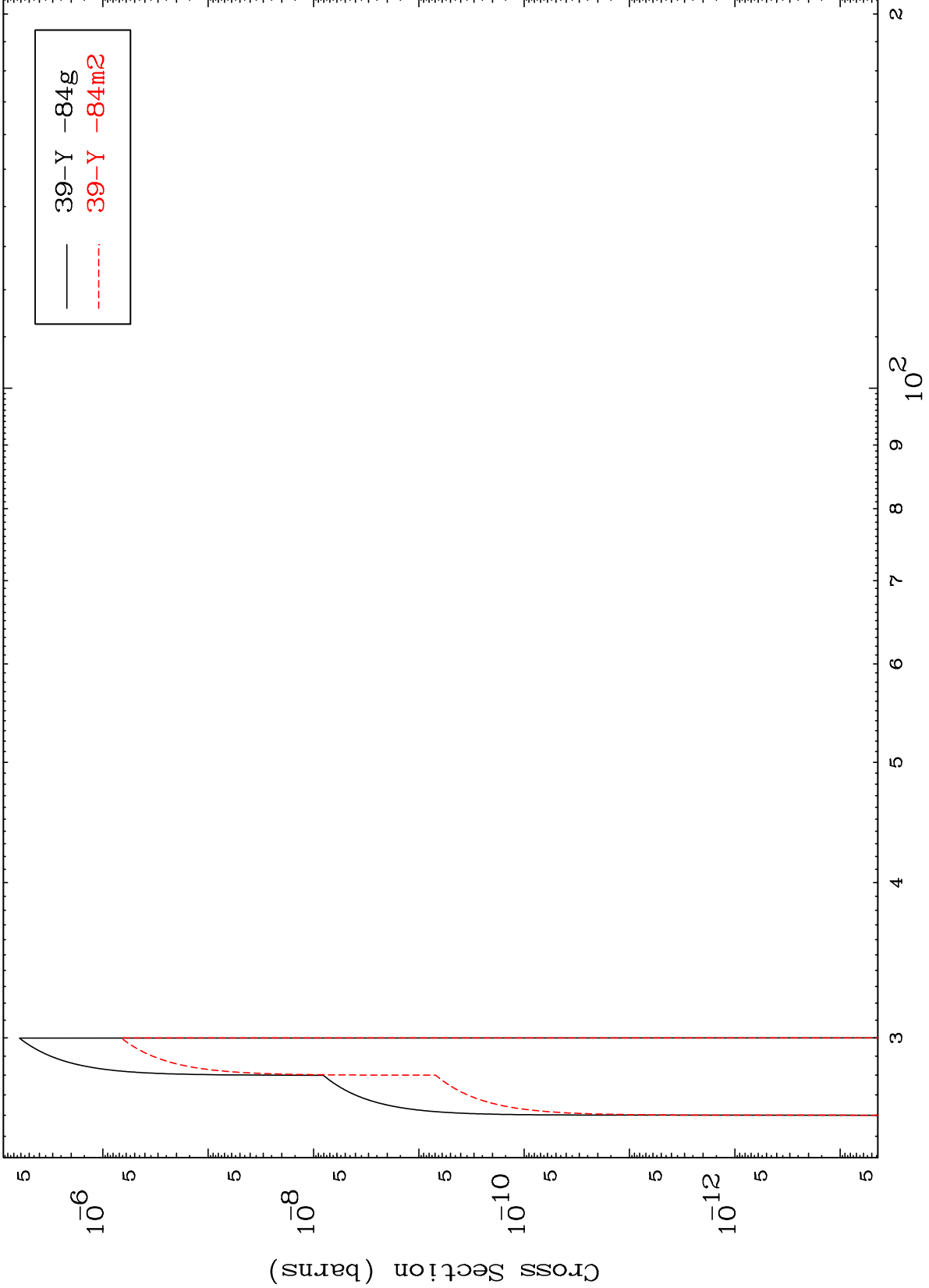
39-Y -87

MAT 3920

(p,n') t

39-Y -87

Radionuclide Production Cross Section



17

Incident Energy (MeV)

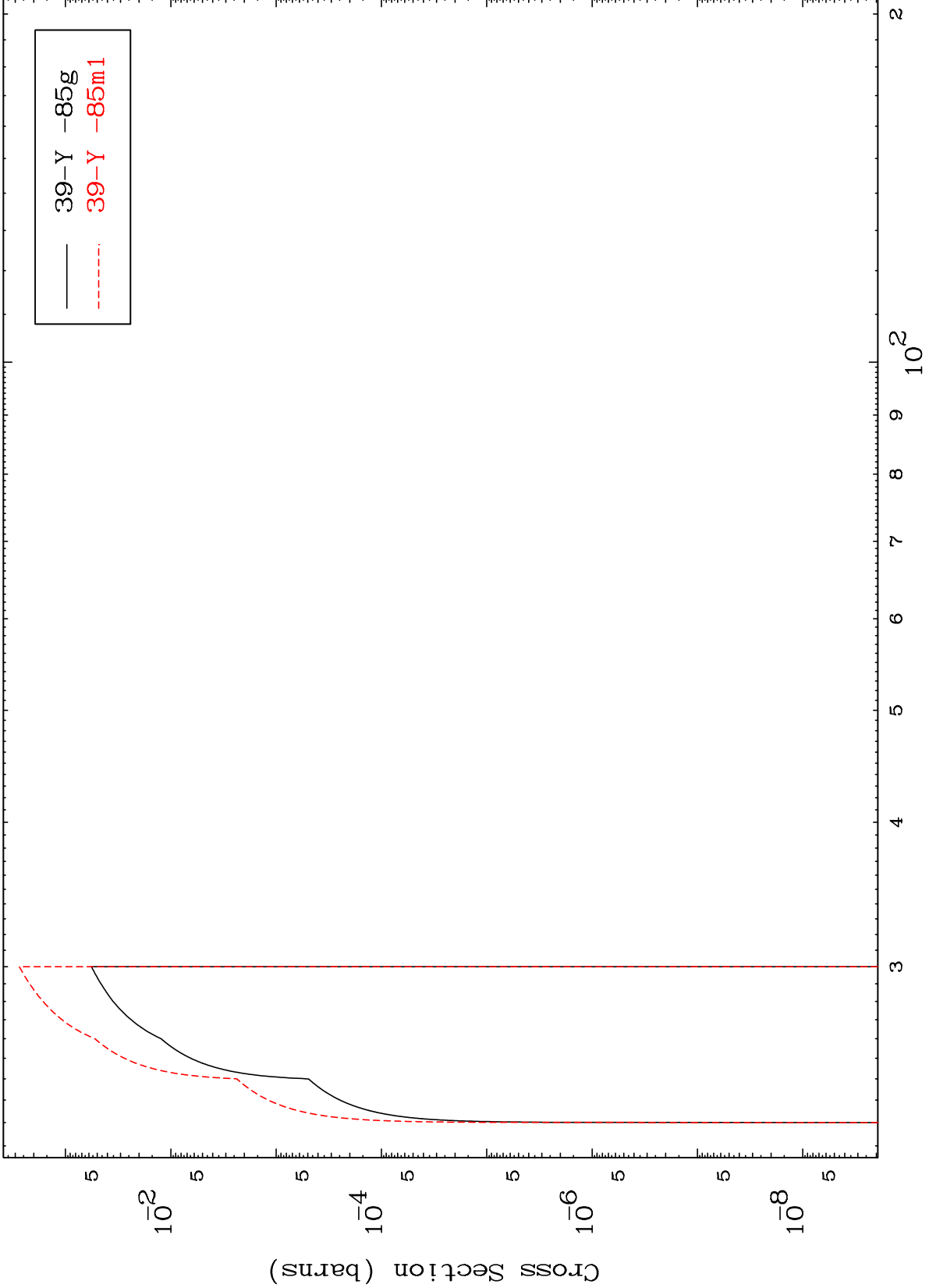
39-Y -87

MAT 3920

(p,2n) p

39-Y -87

Radionuclide Production Cross Section



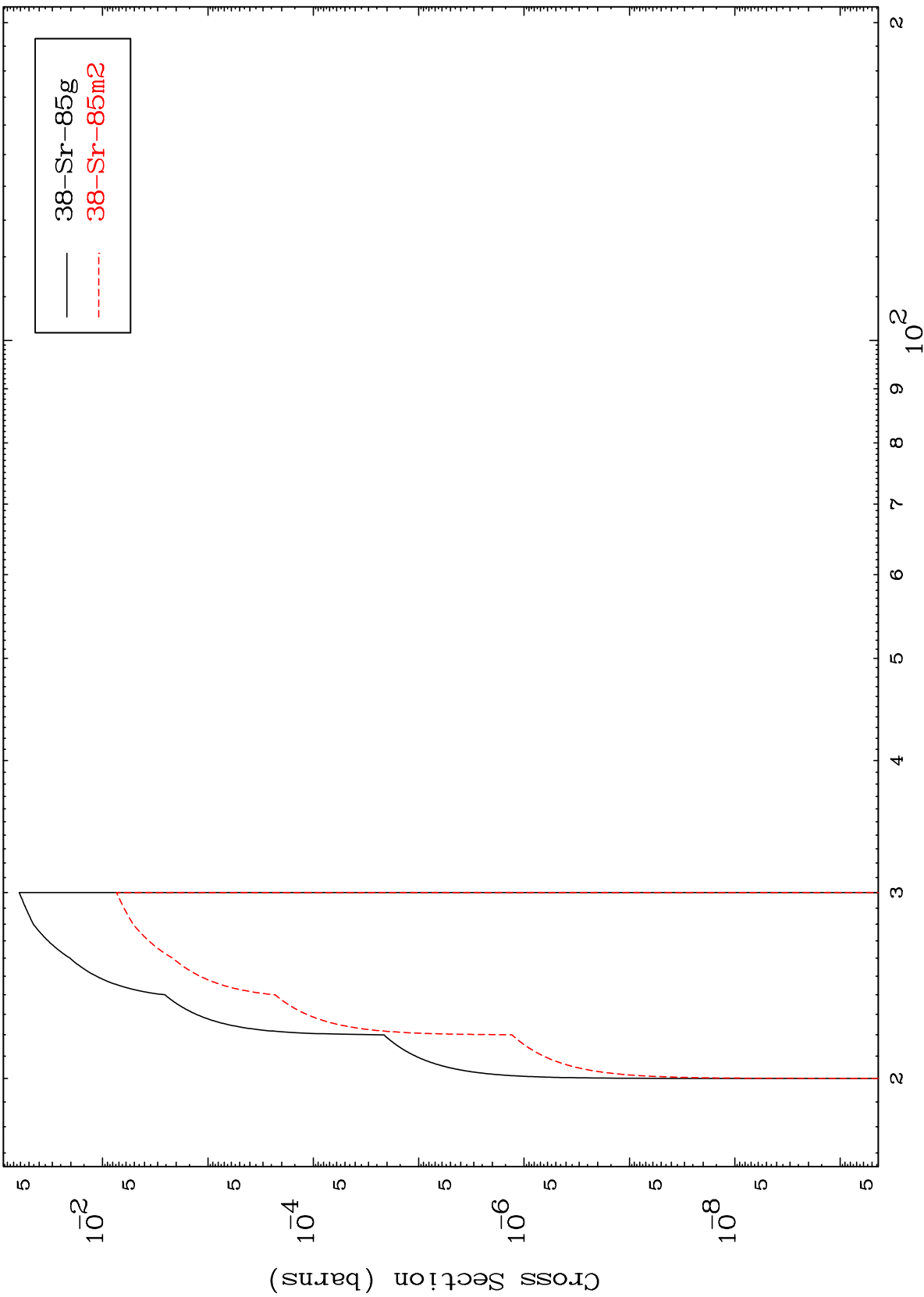
39-Y -85g  
39-Y -85m1

18

Incident Energy (MeV)

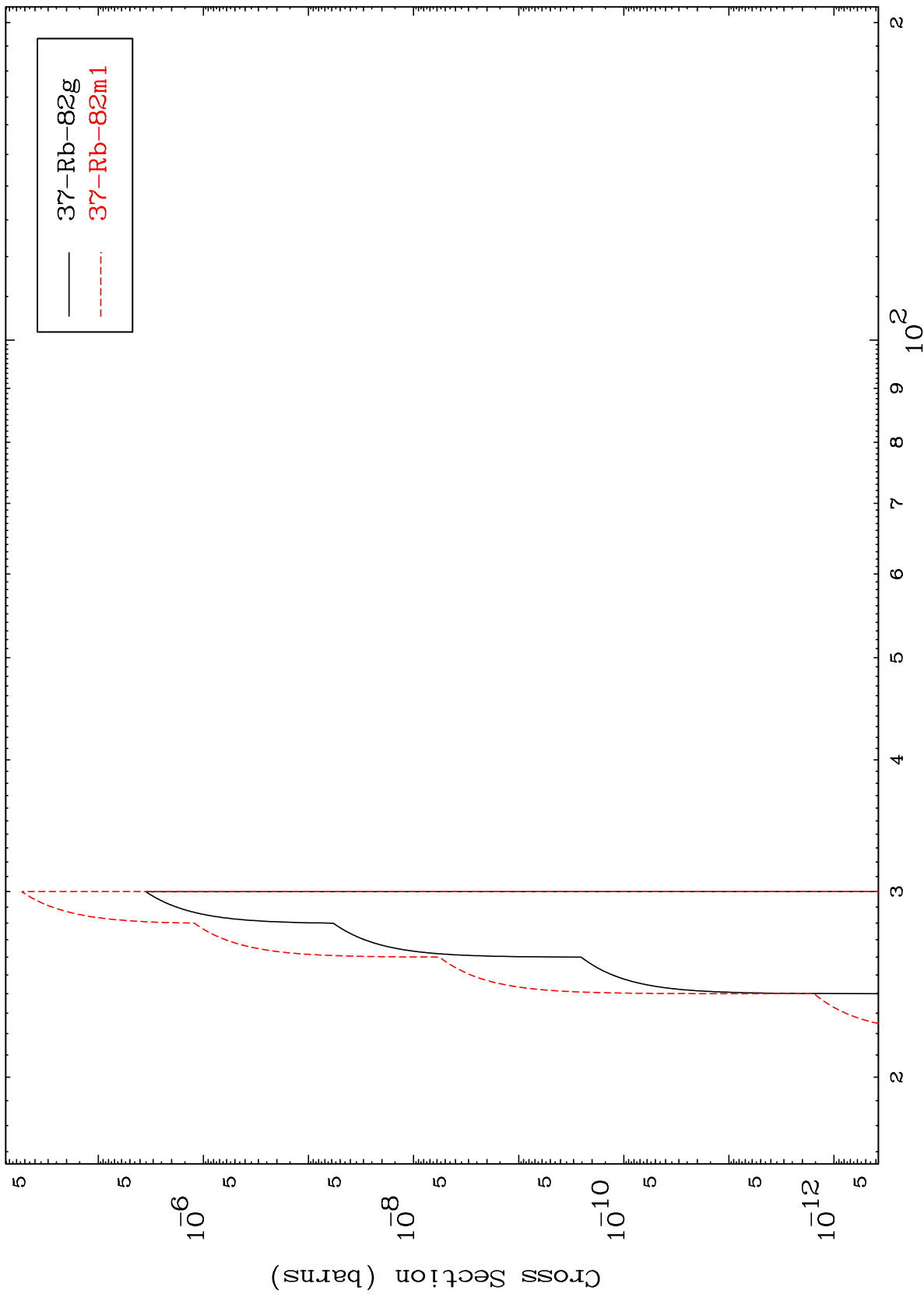
39-Y -87

Radionuclide Production Cross Section



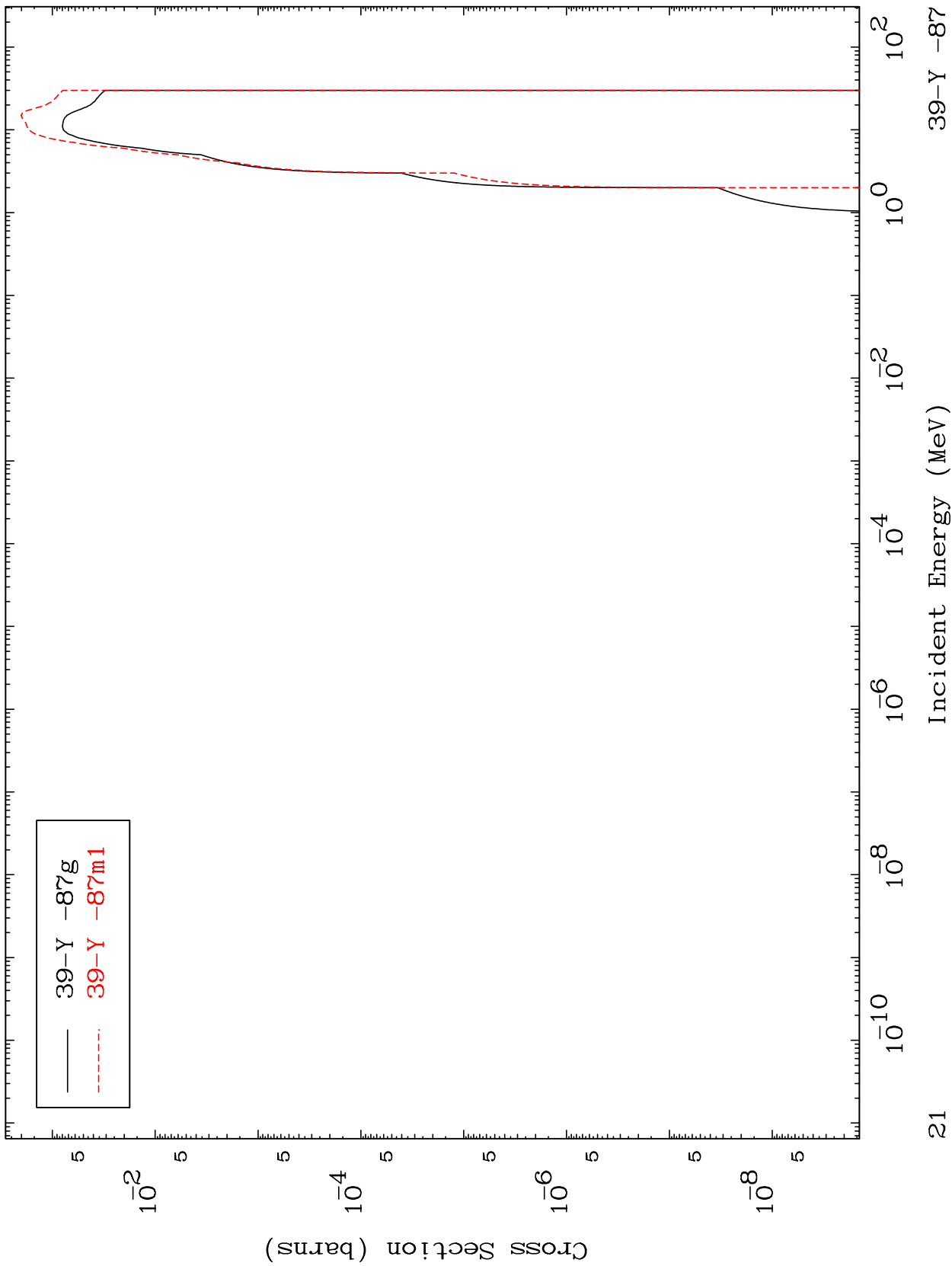
38-Sr-85g  
38-Sr-85m2

Radionuclide Production Cross Section



MAT 3920

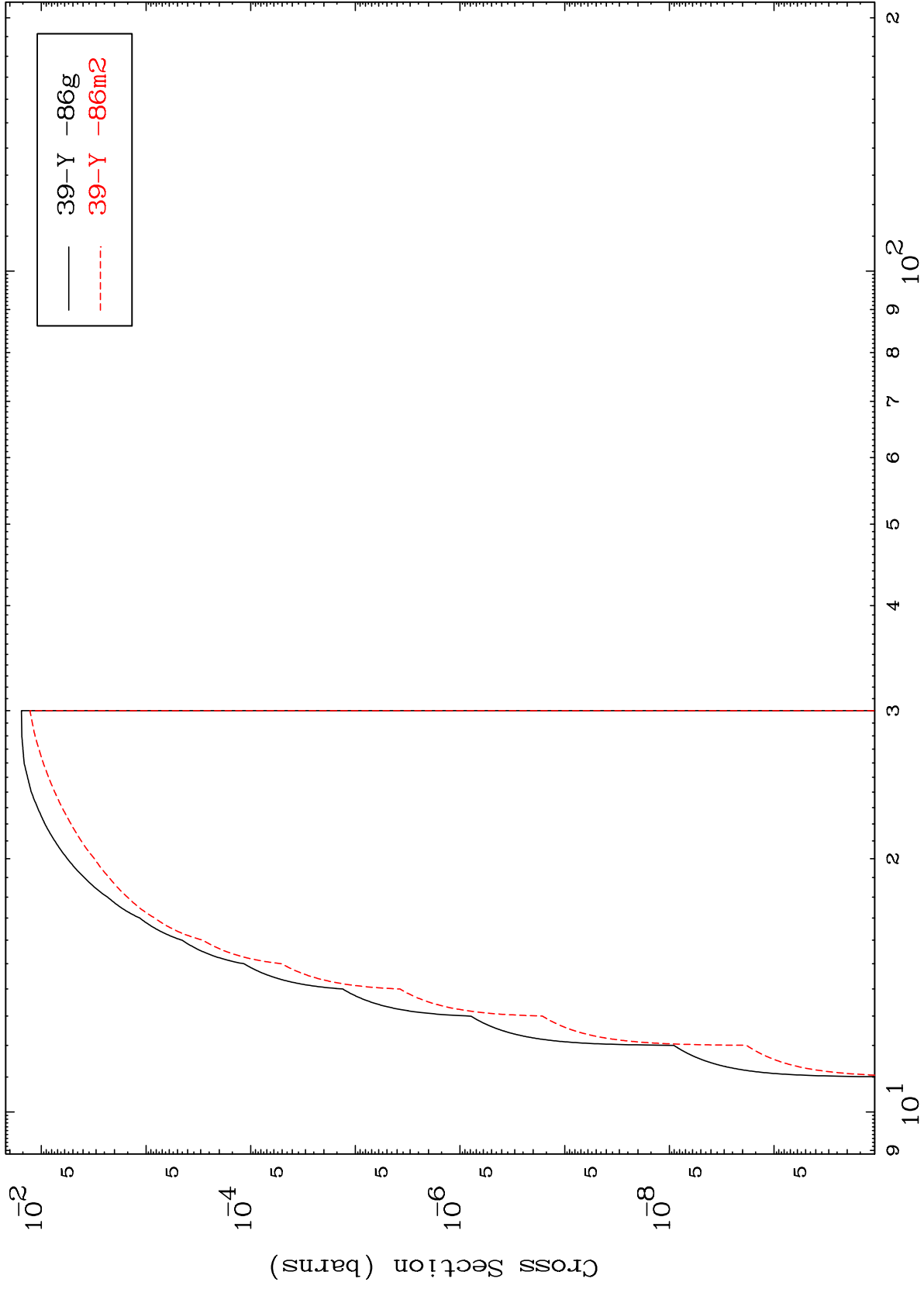
(p,p)  
Radionuclide Production Cross Section



MAT 3920

39-Y -87

(p,d)  
Radionuclide Production Cross Section

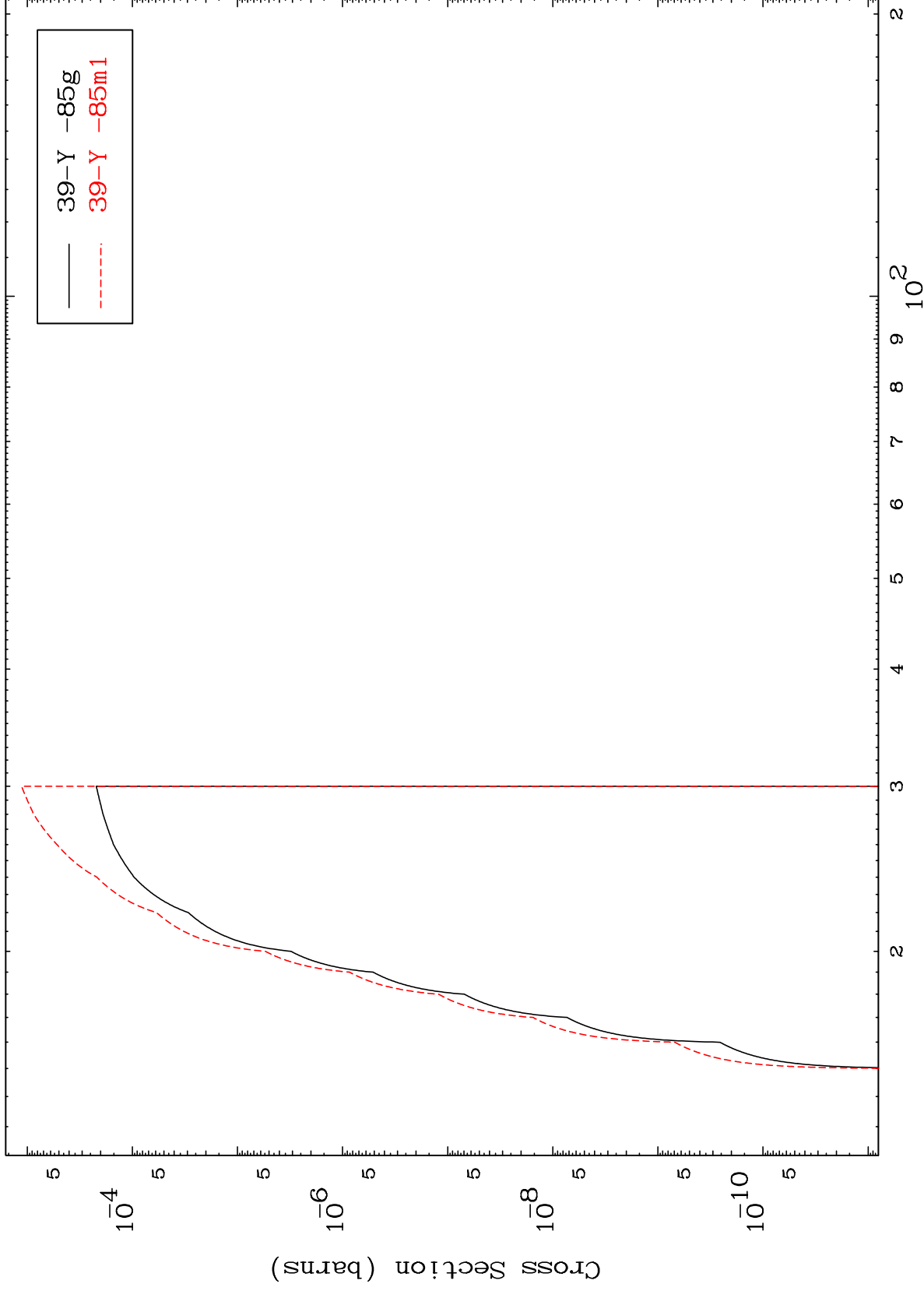


39-Y -87

Incident Energy (MeV)

22

(p,t)  
Radionuclide Production Cross Section



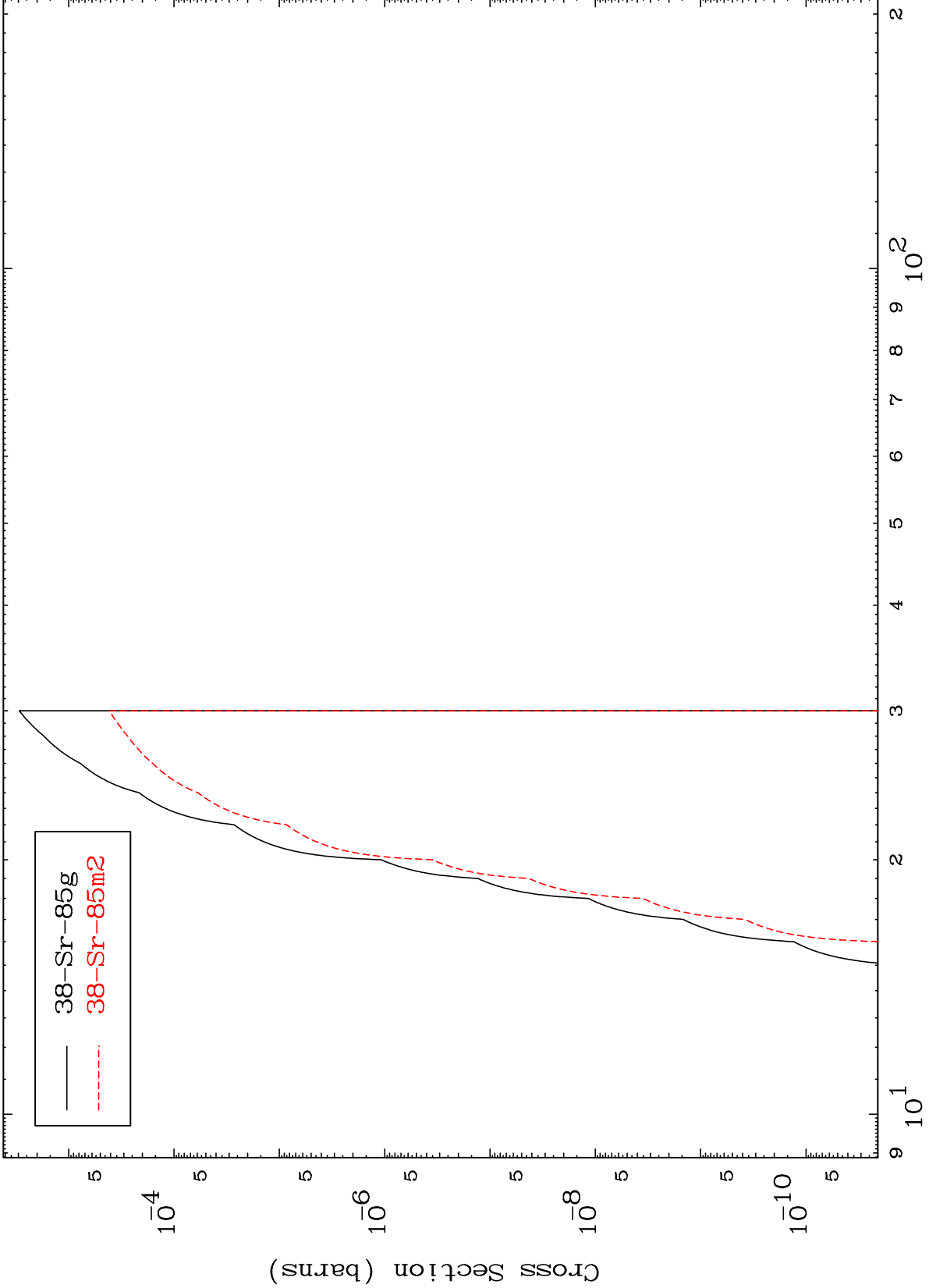


MAT 3920

(p,He-3)

39-Y -87

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

