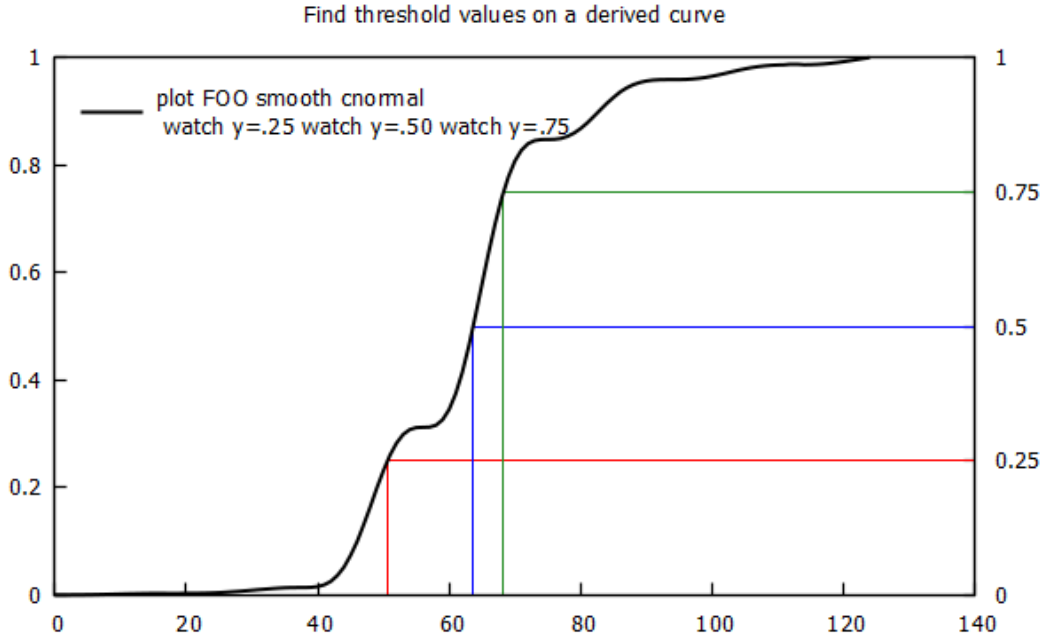
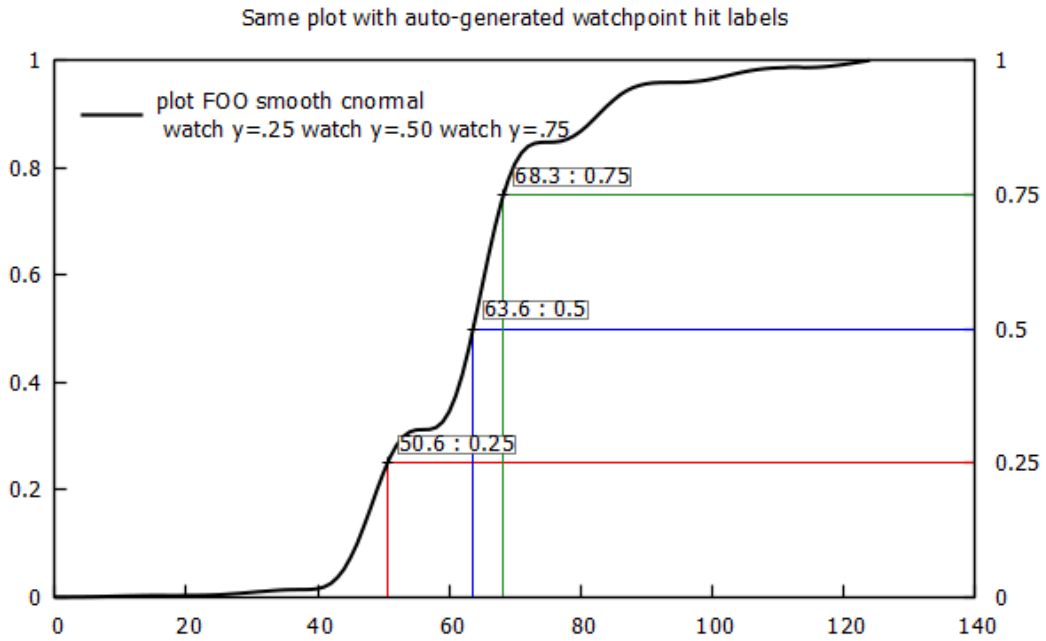
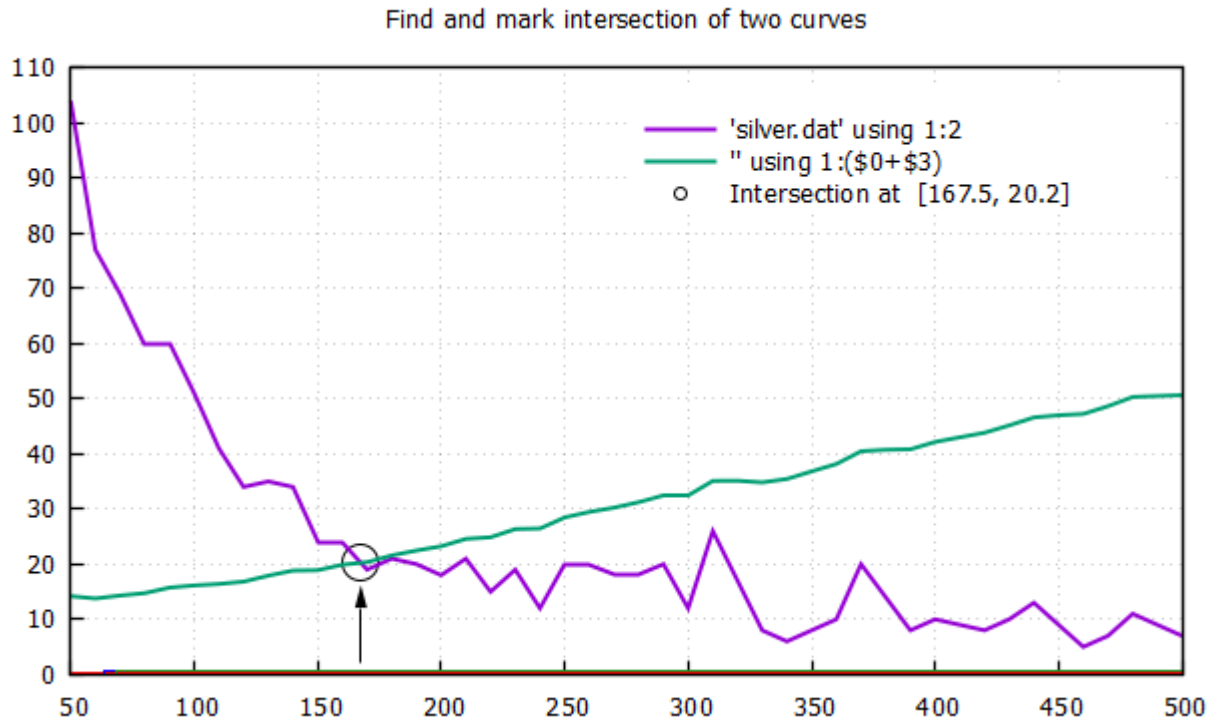
```
Demo watchpoints.dem
First demo

Plot title:    plot FOO smooth cnormal
 watch y=.25 watch y=.50 watch y=.75
       Watch 1 target y = 0.25       (1 hits)
              hit 1   x 50.6  y 0.25
       Watch 2 target y = 0.5  (1 hits)
              hit 1   x 63.6  y 0.5
       Watch 3 target y = 0.75       (1 hits)
              hit 1   x 68.3  y 0.75
```

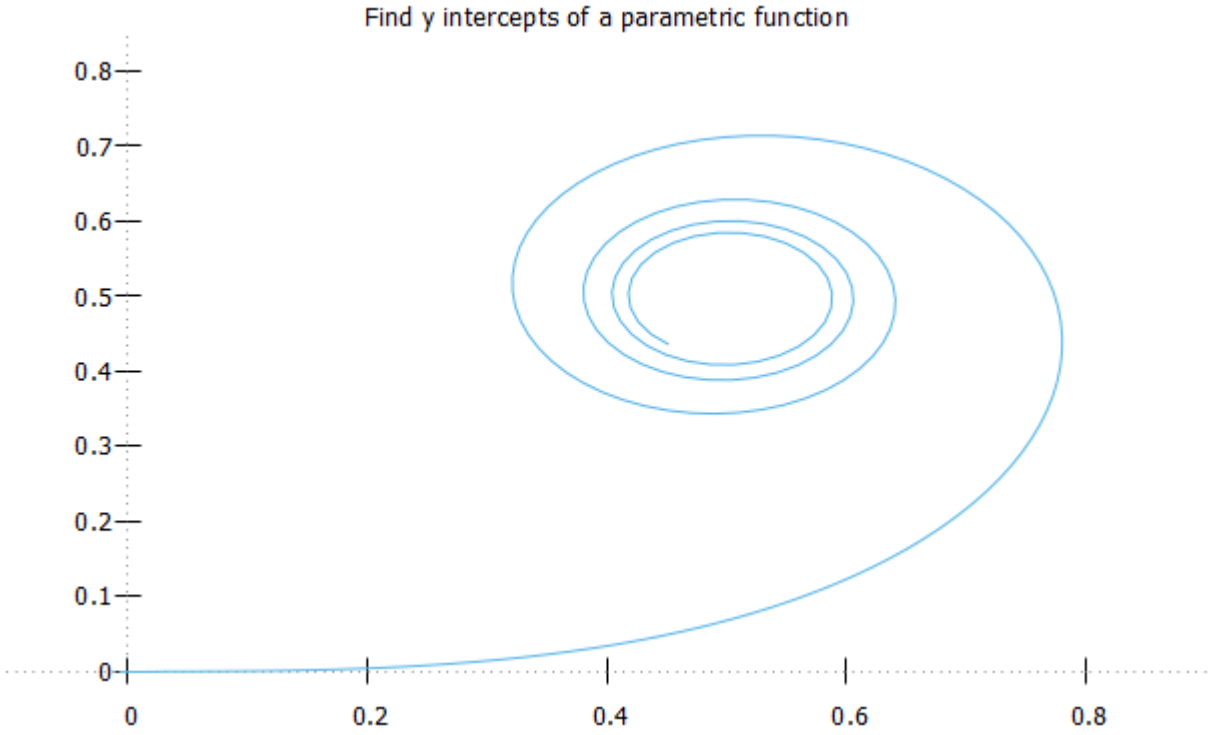


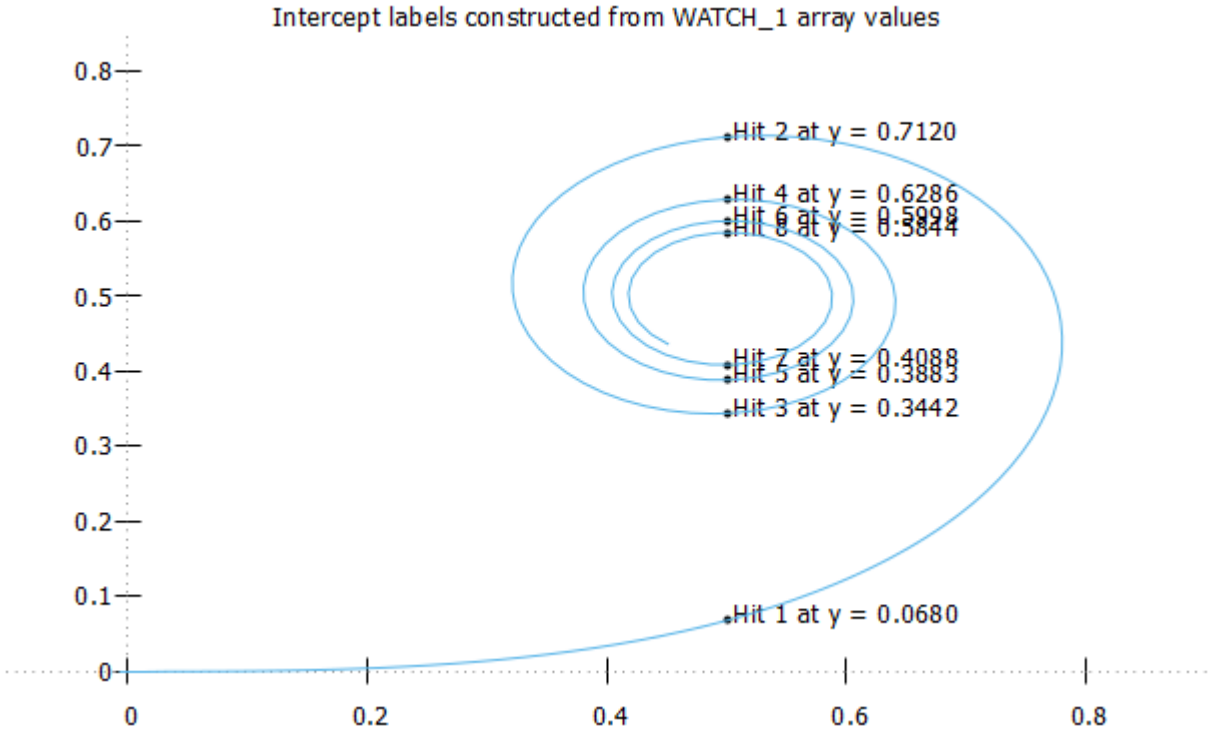


```
Second Demo

Plot title:    plot FOO smooth cnormal
 watch y=.25 watch y=.50 watch y=.75
       Watch 1 target y = 0.25       (1 hits)
              hit 1   x 50.6  y 0.25
       Watch 2 target y = 0.5  (1 hits)
              hit 1   x 63.6  y 0.5
       Watch 3 target y = 0.75       (1 hits)
              hit 1   x 68.3  y 0.75


       Variables beginning with INTERSECT:
       INTERSECT_X = 167.511137525825
       INTERSECT_Y = 20.2444312370877
```



```
Third demo

Plot title:    [t=-1:3.95] '+' using (FresnelC(t)) : (FresnelS(t))
       Watch 1 target x = 0.5  (8 hits)
              hit 1   x 0.5  y 0.068
              hit 2   x 0.5  y 0.712
              hit 3   x 0.5  y 0.344
              hit 4   x 0.5  y 0.629
              hit 5   x 0.5  y 0.388
              hit 6   x 0.5  y 0.6
              hit 7   x 0.5  y 0.409
              hit 8   x 0.5  y 0.584
```




Intercept labels constructed from WATCH_1 array values
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
Hit 2 at y = 0.7120
Hit 4 at y = 0.6286
Hit 6 at y = 0.5998
Hit 8 at y = 0.5844
Hit 7 at y = 0.4088
Hit 5 at y = 0.3883
Hit 3 at y = 0.3442
Hit 1 at y = 0.0680