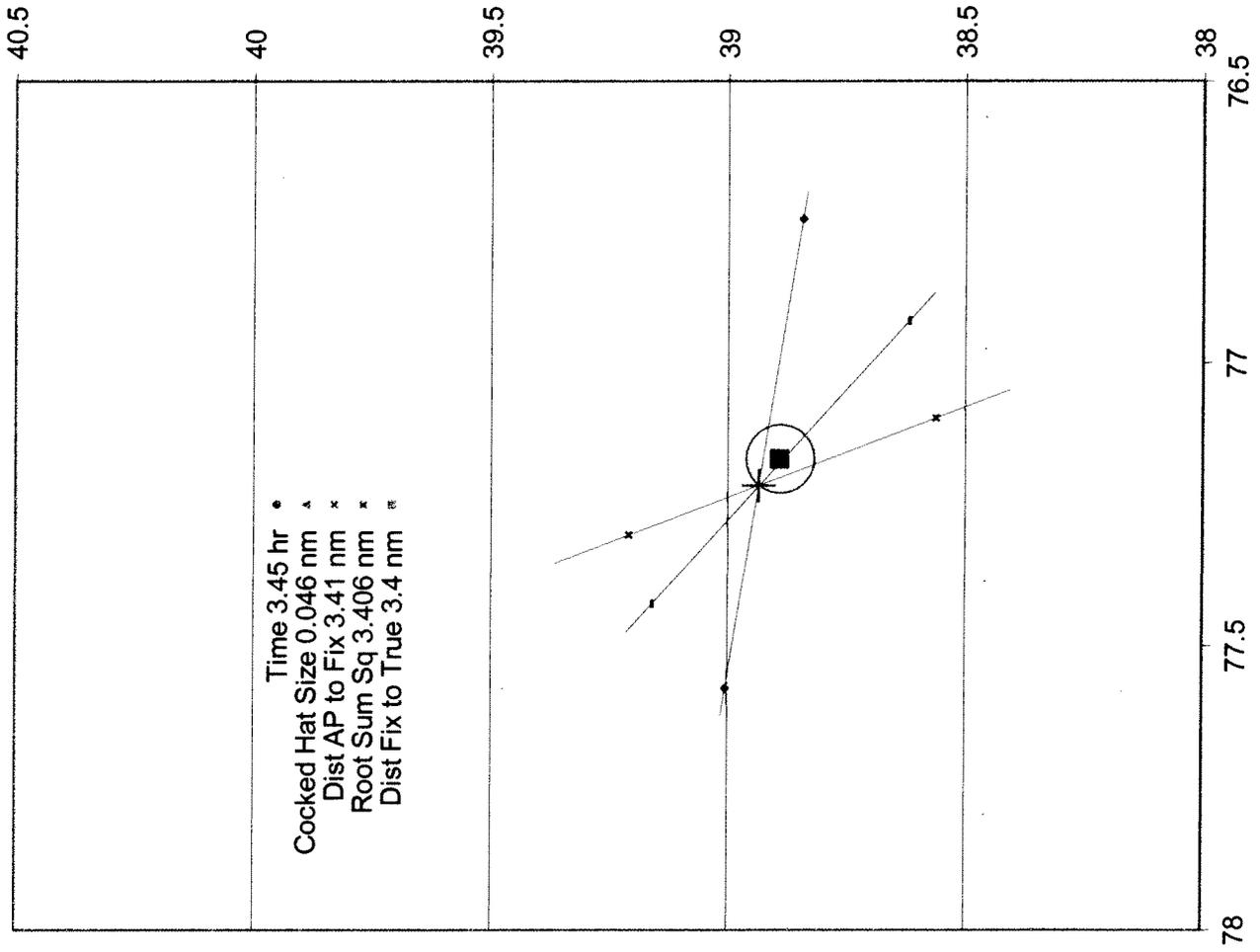
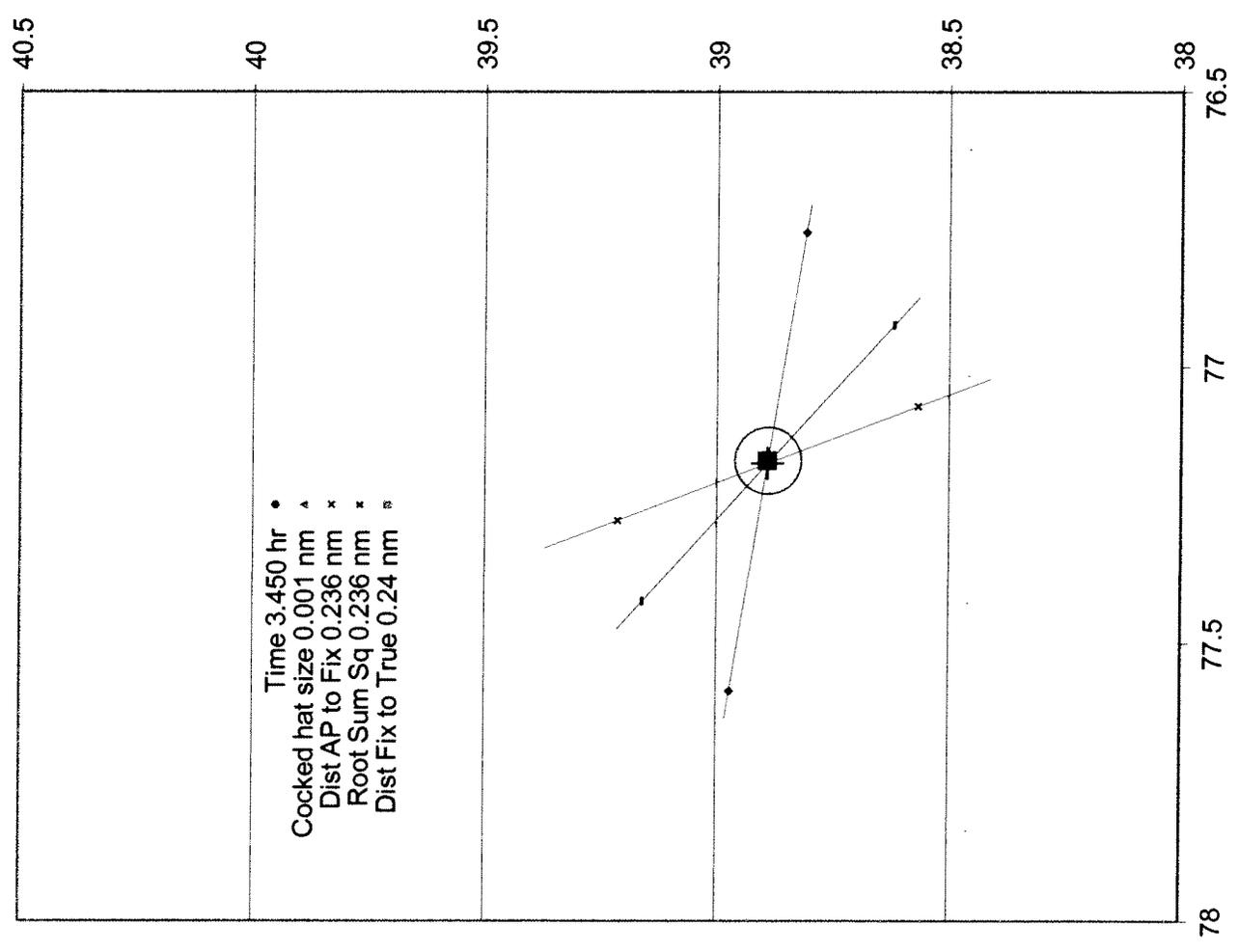


$\Delta t = 0$
 $\Delta C_{at} = 0$
 $\Delta C_{inj} = 0$
 no solve



- TRUE
- current AP
- + FIX LAT&LO
- x s1LOP
- s2LOP
- ◇ s3LOP
- ▲ Cocked Hat Size 0.046 nm
- x Dist AP to Fix 3.41 nm
- x Root Sum Sq 3.406 nm
- ◆ Time 3.45 hr
- ⊞ Dist Fix to True 3.4 nm
- Linear (s1LOP)
- Linear (s2LOP)
- Linear (s3LOP)

$\Delta t = 0$
 $P_{LAT} = 0$
 $\Delta(u_j) = 0$
 no solution
 moon GRA t Dec linear
 changed to
 3.45 - 4.00

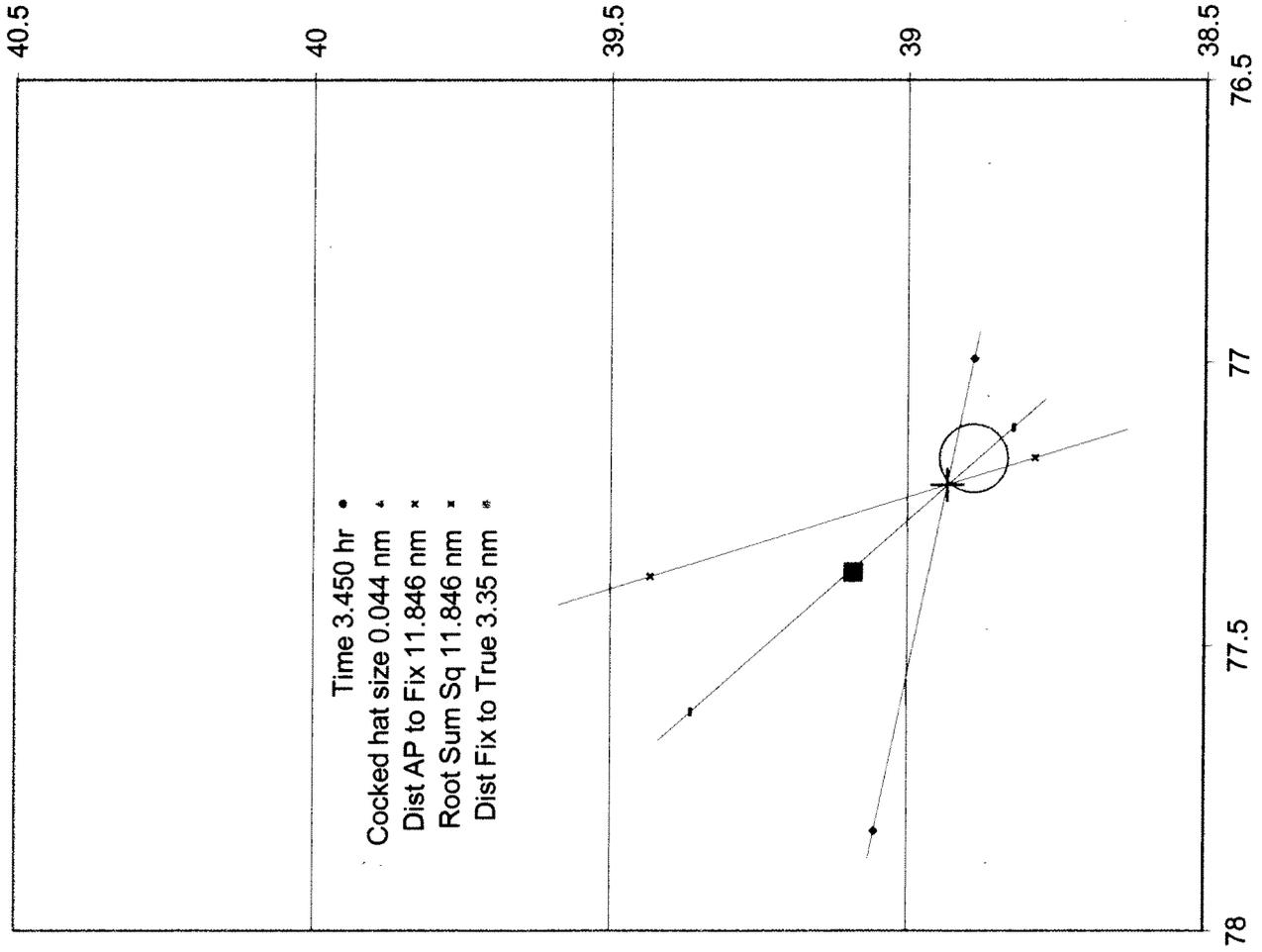


Time 3.450 hr
 Cocked hat size 0.001 nm
 Dist AP to Fix 0.236 nm
 Root Sum Sq 0.236 nm
 Dist Fix to True 0.24 nm

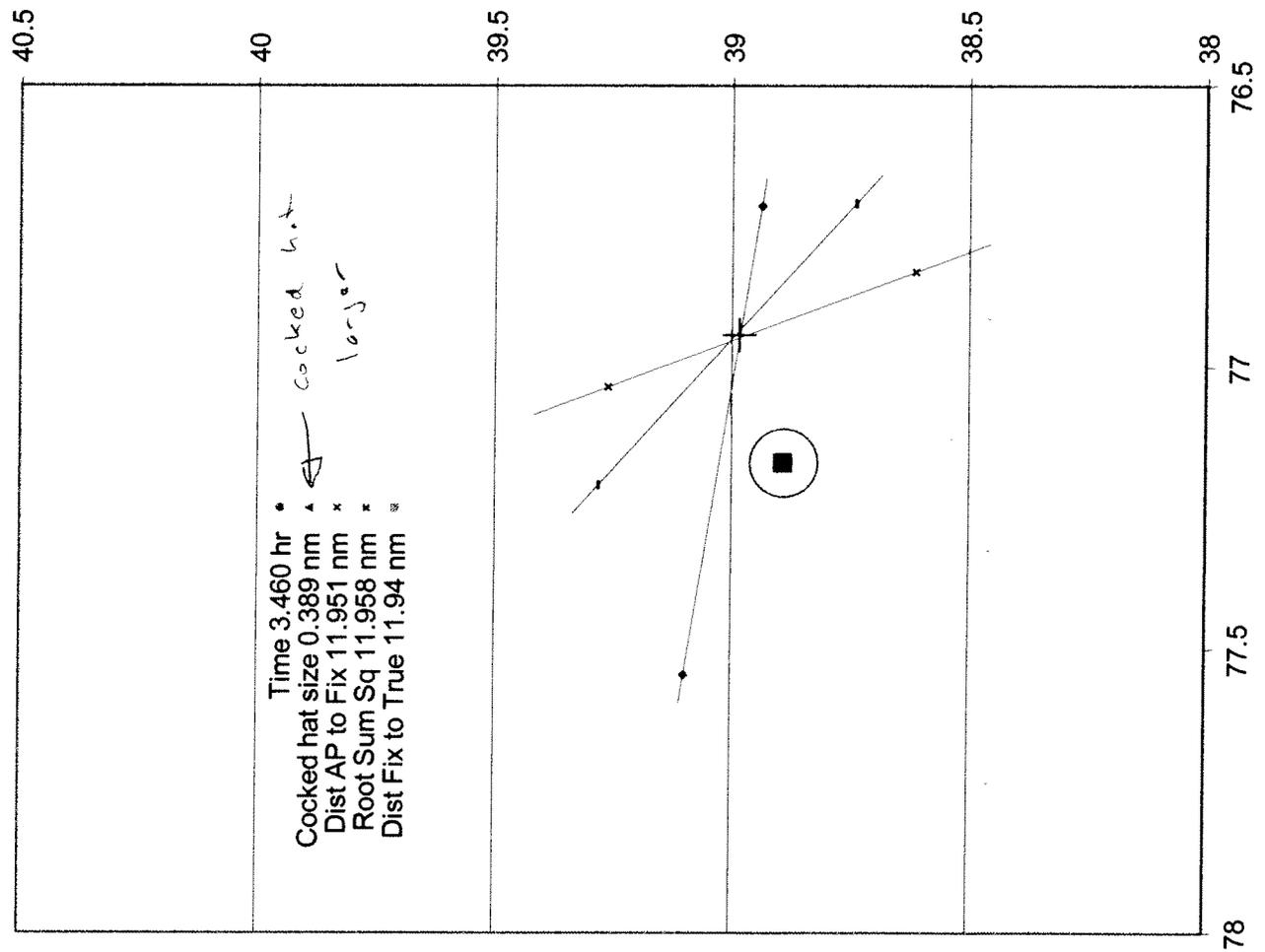
○	TRUE
■	current AP
+	FIX LAT&LO
x	s1LOP
-	s2LOP
◆	s3LOP
▲	Cocked hat size 0.001 nm
*	Dist AP to Fix 0.236 nm
x	Root Sum Sq 0.236 nm
◆	Time 3.450 hr
*	Dist Fix to True 0.24 nm
—	Linear (s1LOP)
—	Linear (s2LOP)
—	Linear (s3LOP)

$\Delta t = 0$
 $\Delta \text{Lat} = .2^\circ = 12 \text{ nm}$
 $\Delta \text{Long} = .2^\circ = 9.3 \text{ nm}$
 no s.l.u.

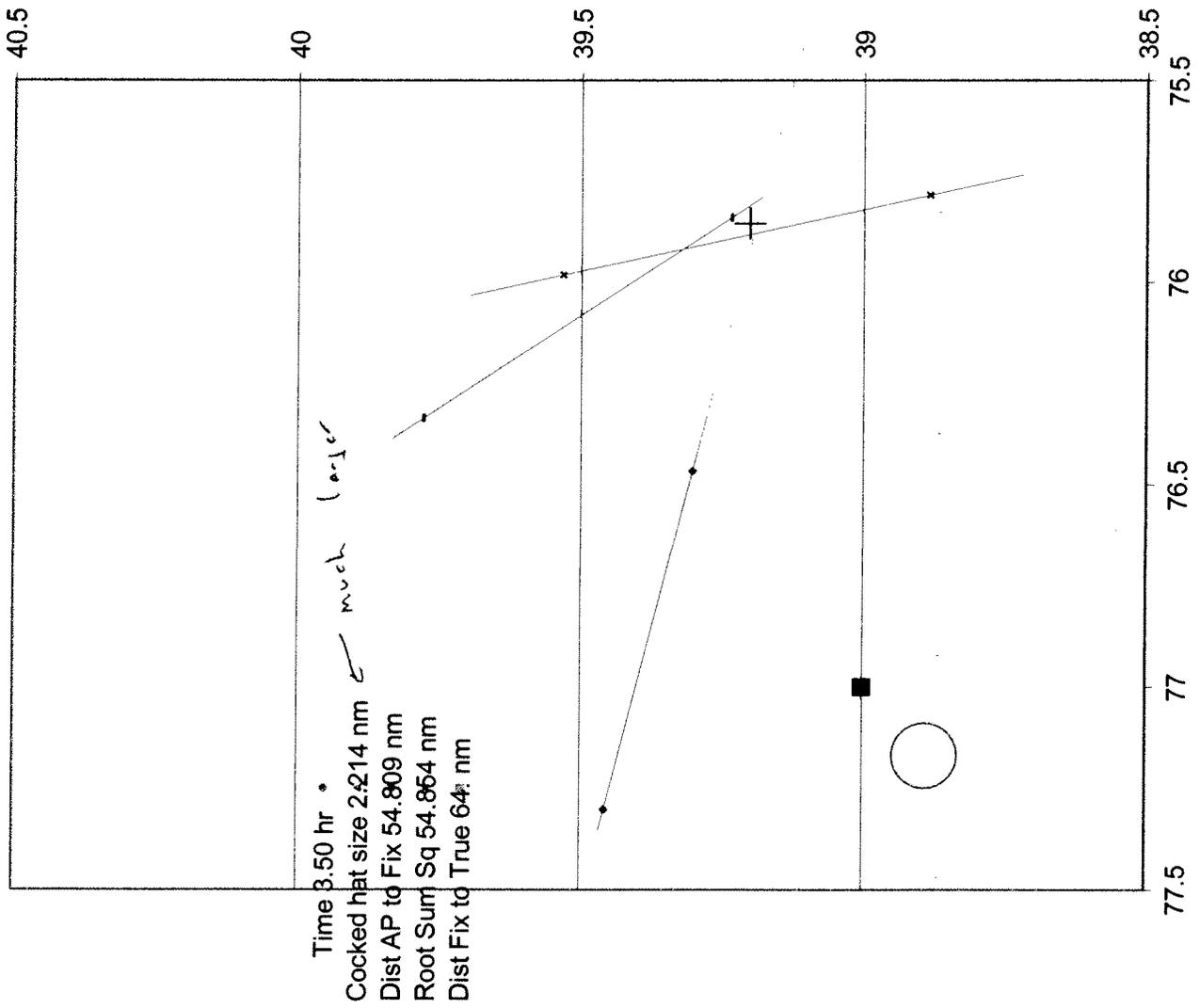
- TRUE
- current AP
- + FIX LAT&LO
- * s1LOP
- s2LOP
- ◆ s3LOP
- ▲ Cocked hat size 0.044 nm
- * Dist AP to Fix 11.846 nm
- * Root Sum Sq 11.846 nm
- Time 3.450 hr
- * Dist Fix to True 3.35 nm
- Linear (s1LOP)
- Linear (s2LOP)
- Linear (s3LOP)



$\Delta t = .01^{\circ} = 36^s$
 $\Delta L_{\text{hat}} = 0$
 $\Delta L_{\text{OP}} = 0$
 no solar

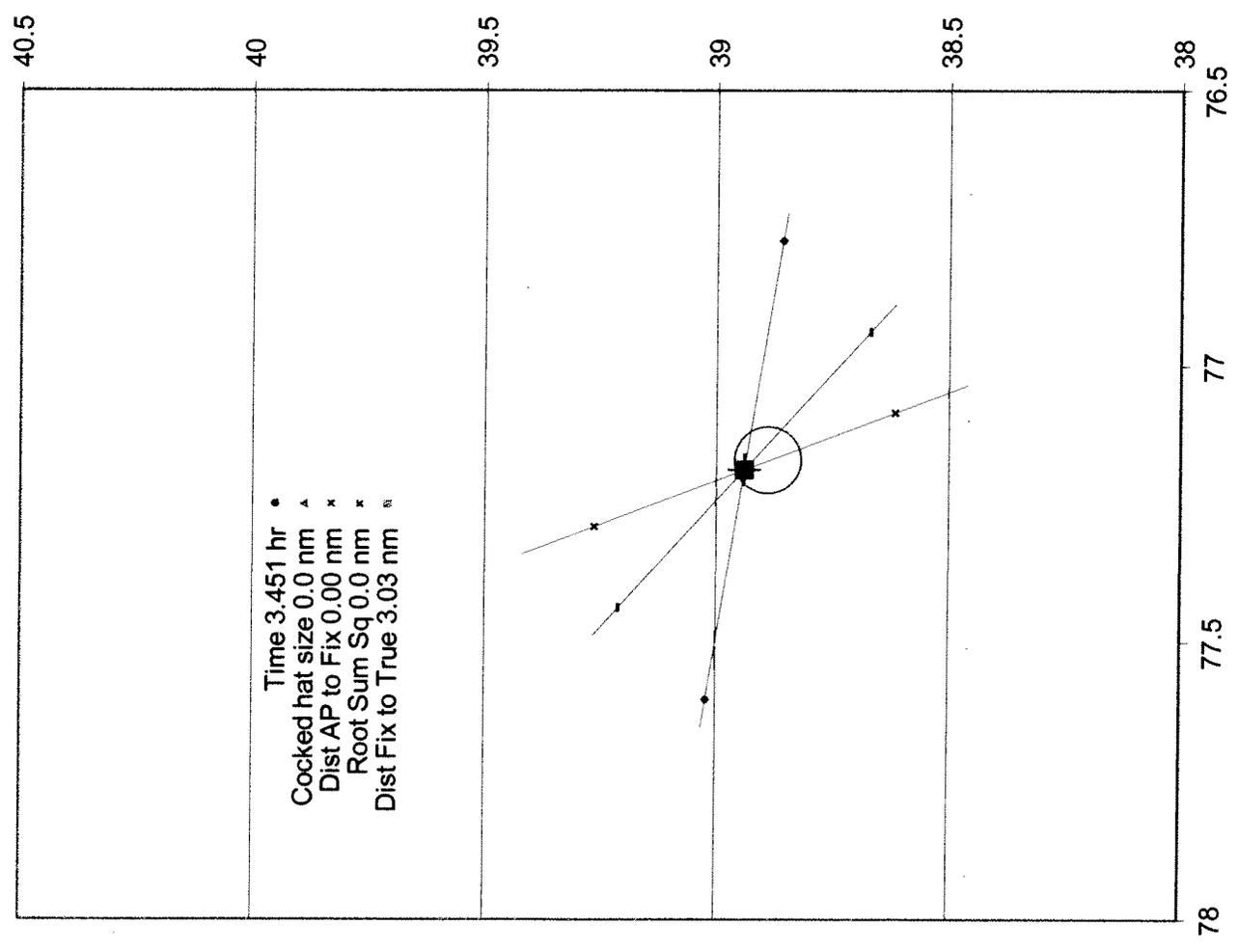


$\Delta t = .05 \Rightarrow 3.5$
 $\Delta \text{Lat} = .11 \Rightarrow 19$
 $\Delta \text{Long} = -.17 \Rightarrow 77$
 no solver



○	TRUE
■	current AP
+	FIX LAT&LO
x	s1LOP
-	s2LOP
•	s3LOP
▲	Cocked hat size 2.214 nm
x	Dist AP to Fix 54.809 nm
x	Root Sum Sq 54.854 nm
•	Time 3.50 hr
*	Dist Fix to True 64. nm
—	Linear (s1LOP)
—	Linear (s2LOP)
—	Linear (s3LOP)

starting from 5
 using solver to
 minimize root sum sq



- TRUE
- current AP
- + FIX LAT&LO
- * s1LOP
- s2LOP
- ◆ s3LOP
- ▲ Cocked hat size 0.0 nm
- * Dist AP to Fix 0.00 nm
- * Root Sum Sq 0.0 nm
- Time 3.451 hr
- Ⓜ Dist Fix to True 3.03 nm
- Linear (s1LOP)
- Linear (s2LOP)
- Linear (s3LOP)