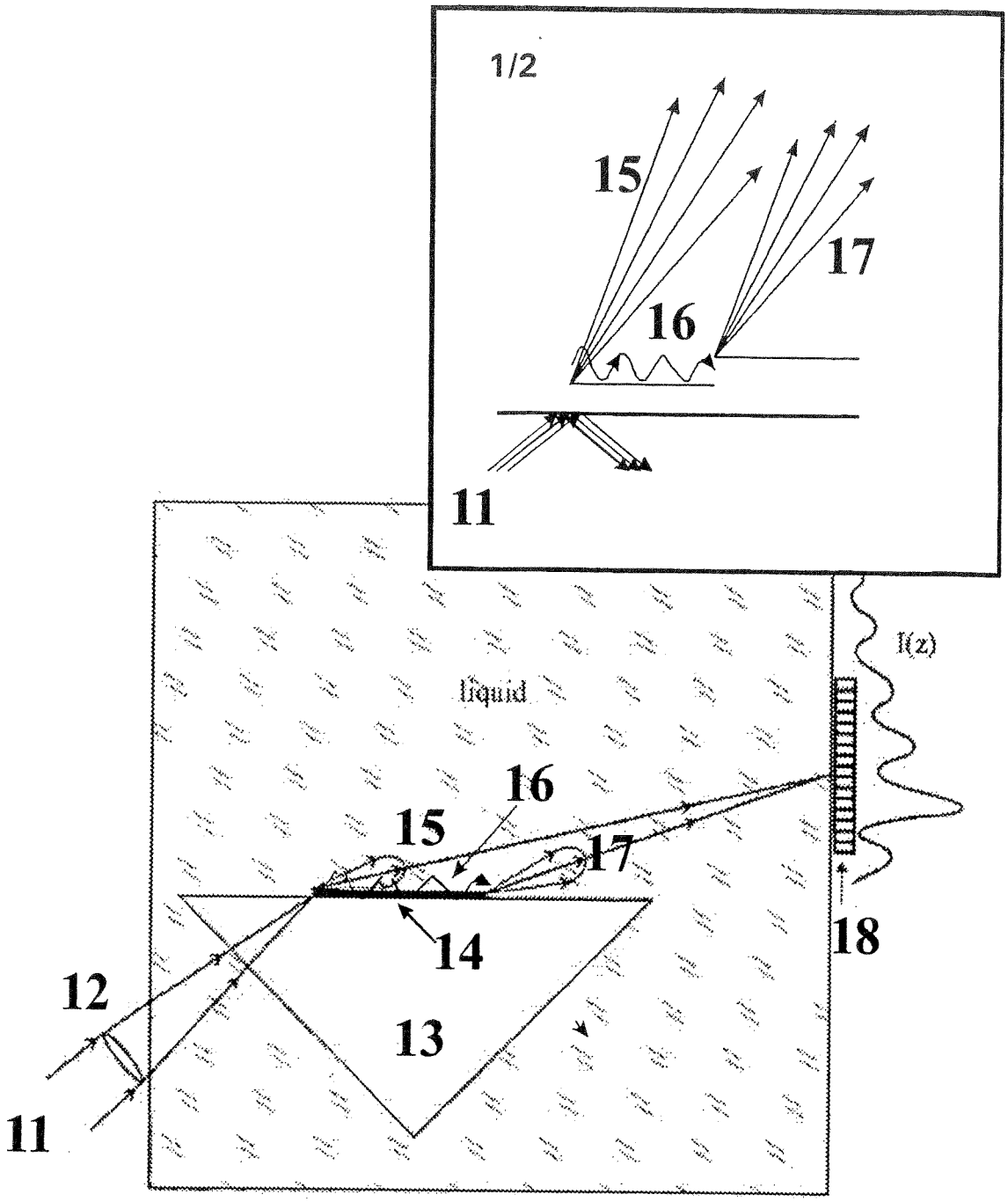


Figure 1

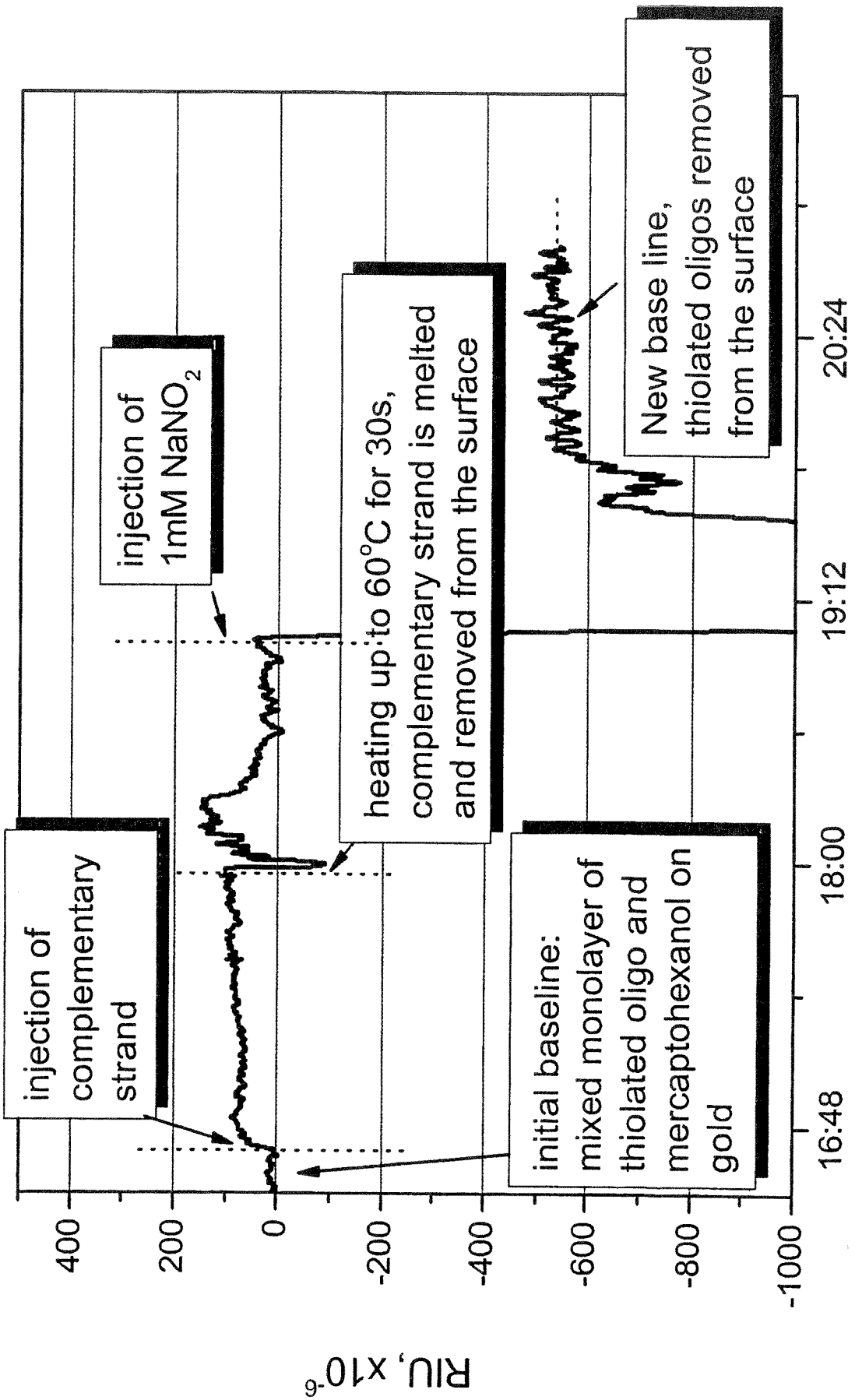

injection of complementary strand
injection of 1mM $NaNO_2$
heating up to 60°C for 30s, complementary strand is melted and removed from the surface
initial baseline: mixed monolayer of thiolated oligo and mercaptohexanol on gold
New base line, thiolated oligos removed from the surface
400
200
0
-200
-400
-600
-800
-1000
RIU, x10^{-6}
16:48
18:00
19:12
20:24
time

FIGURE 2