Macro  
  
About 300 s sputtering is needed for the Na signal to become stable , indicating the sodium concentration on the surface is lower than within .   
  
In contrast , only 42.1 mAh g-1 capacity remained for the NCM electrode cycled at 5C .   
  
Upon reverting back to a current rate of 0.1C , the capacity of NCZM was fully restored ( 87.2 mAh g-1 ) , which was not the case for NCM .   
  
However , the discharge plateau of NCM around 3.9 V only last for 100 cycles , indicating a poor reversibility mechanism .   
  
Meanwhile , a new phase starts to form and grow at the expense of P2 ( original ) when charged to 3.8 V corresponding to the region of 0.42 < x < 0.51 .