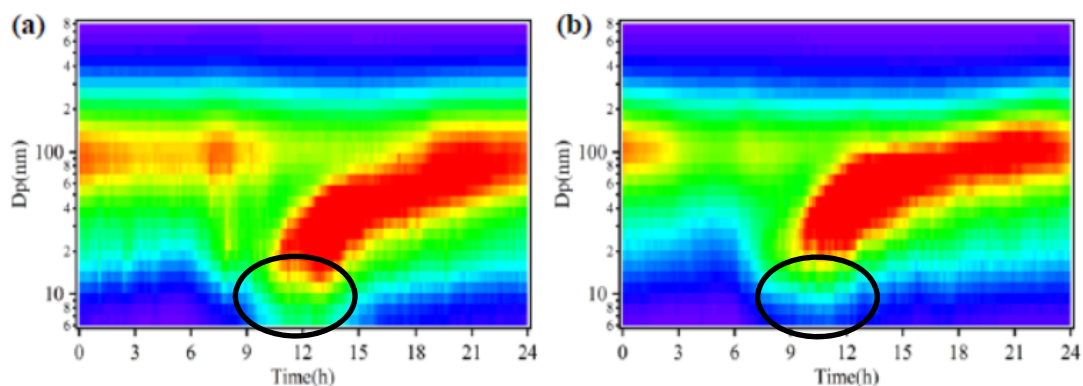


Review on “Aerosol size distribution and new particle formation in western Yangtze River Delta of China: two-year measurement at the SORPES station” by Qi et al.,  
The authors present a long-term measurement of particle number size distribution in Yangtze River Delta, China, addressing the question of the main factors controlling the variation of the aerosol size distribution and new particle formation in YRD region. The analysis is comprehensive. The manuscript is well written. A minor revision is needed before published in ACP.

(1) As shown in Figure 4, the number concentration of 6-15 nm particles is relatively low during the NPF events. Typically, the newly formed particles have smaller size in the beginning and grow to larger sizes later. An explanation is needed here. Such explanation could help us understand why the formation rate at the SORPES station is smaller compared to Beijing and Shangdianzi stations (see Line 5-10 (12503) in MS)



(2) In table 3, the unit of PM<sub>2.5</sub> should be  $\mu\text{g}/\text{m}^3$ .