TS1

In the final version of manuscript we used value of Raman backscattering cross section from more recent publication of Venable et al. (2011). But in the text we forgot to change old value from publication of Burris et al. (1992). So we ask to remove this reference and correct cross section value:

Please change “*σR*=2.1\*10-30 cm2 (Burris et al., 1992)”

for

“*σR*=2.744\*10-30 cm2sr-1 (Venable et al., 2011)”