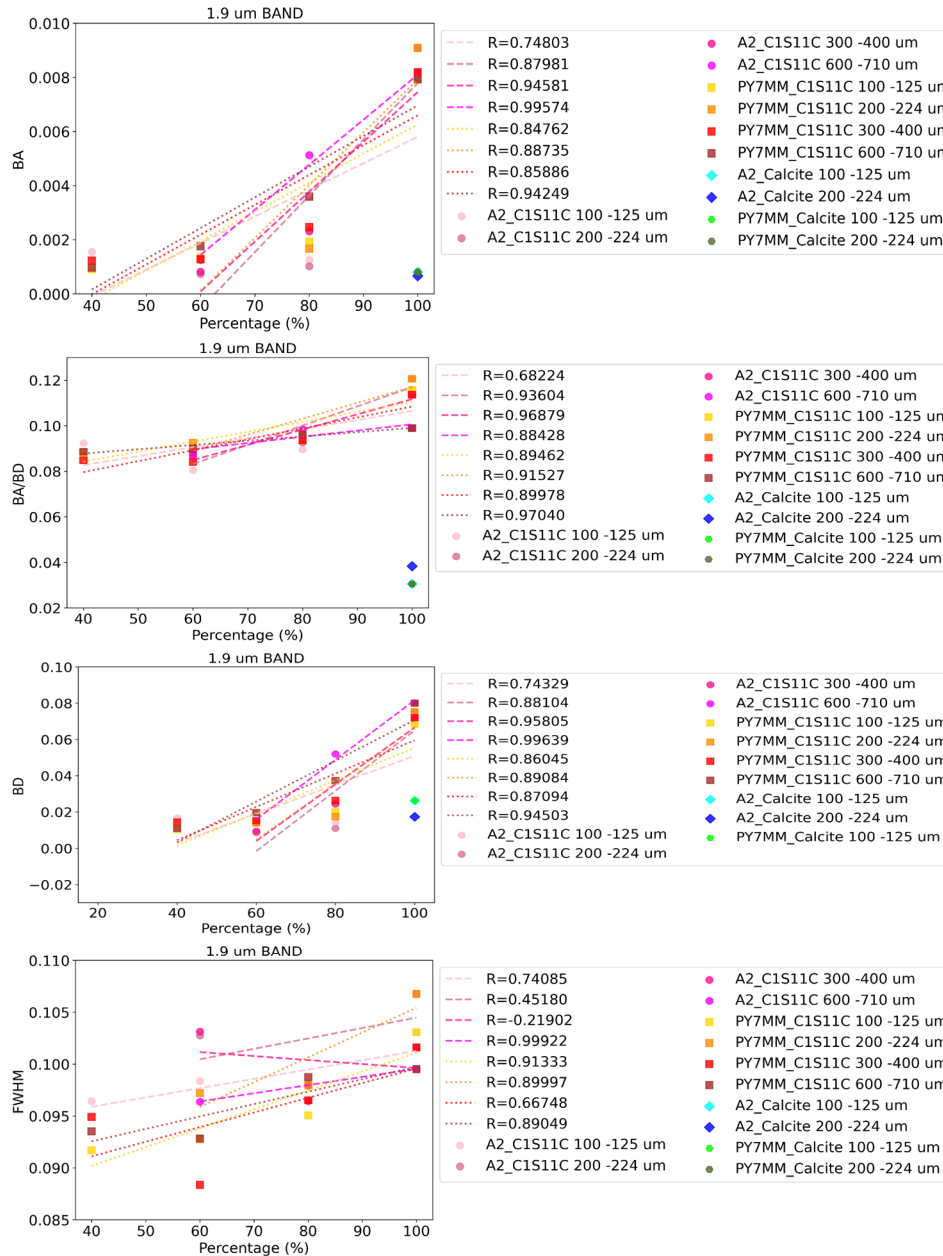


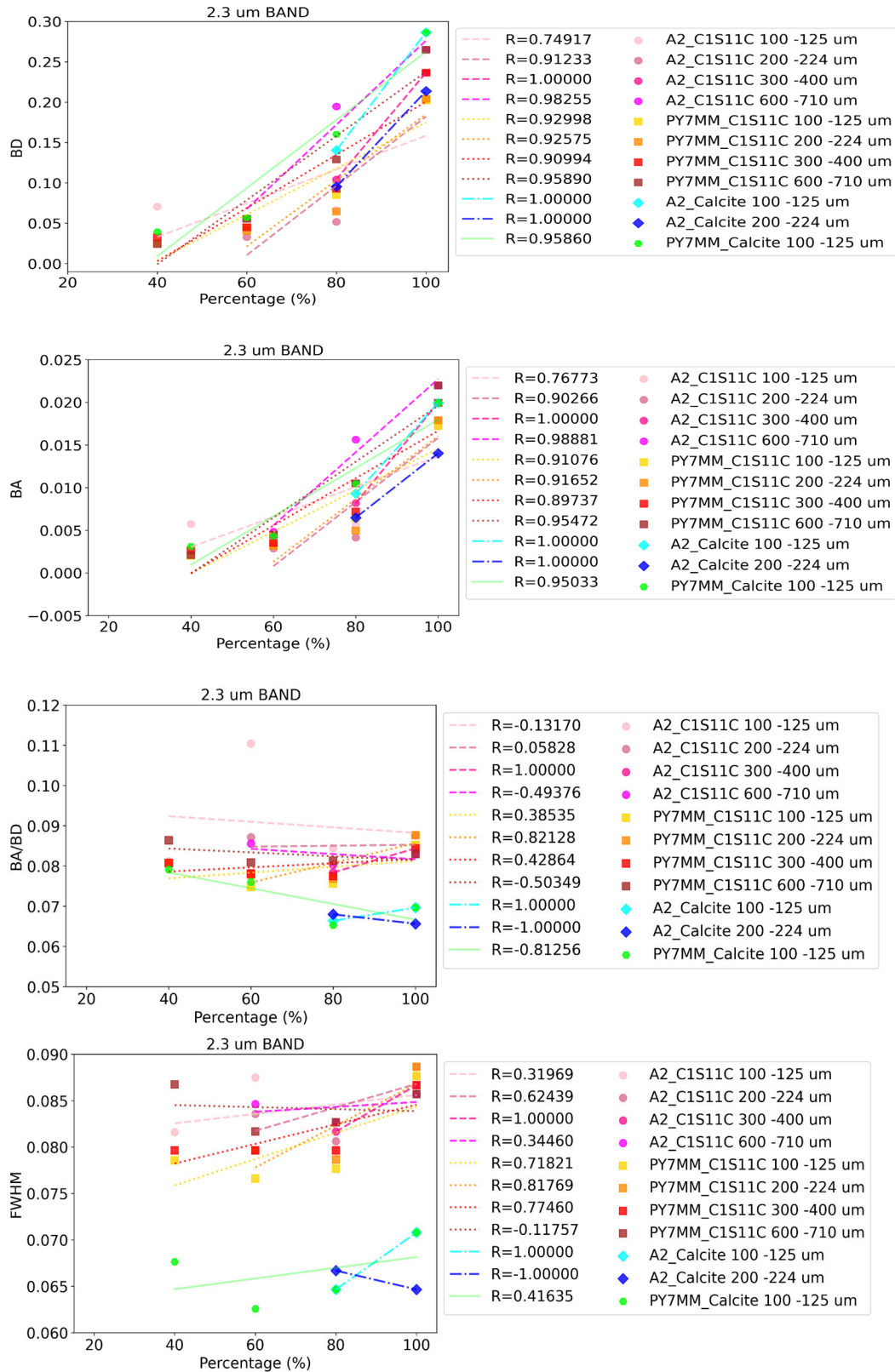
Supplementary Material—Spectral Parameters Trends

Spectral behavior of retrieved spectral parameters for each isolated in relation with carbonate % and grain size variations.

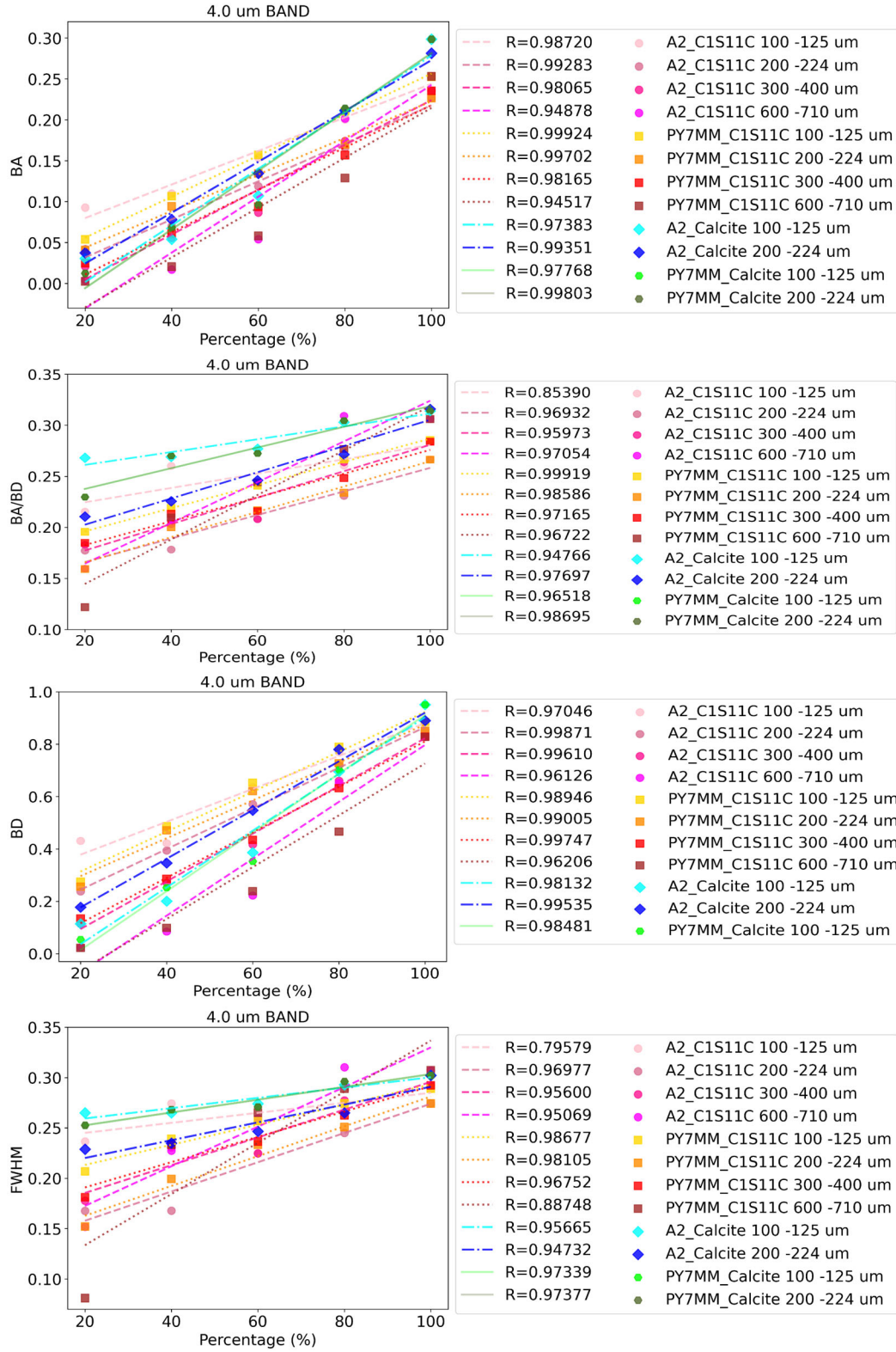
A.1 1.9 μm spectral feature



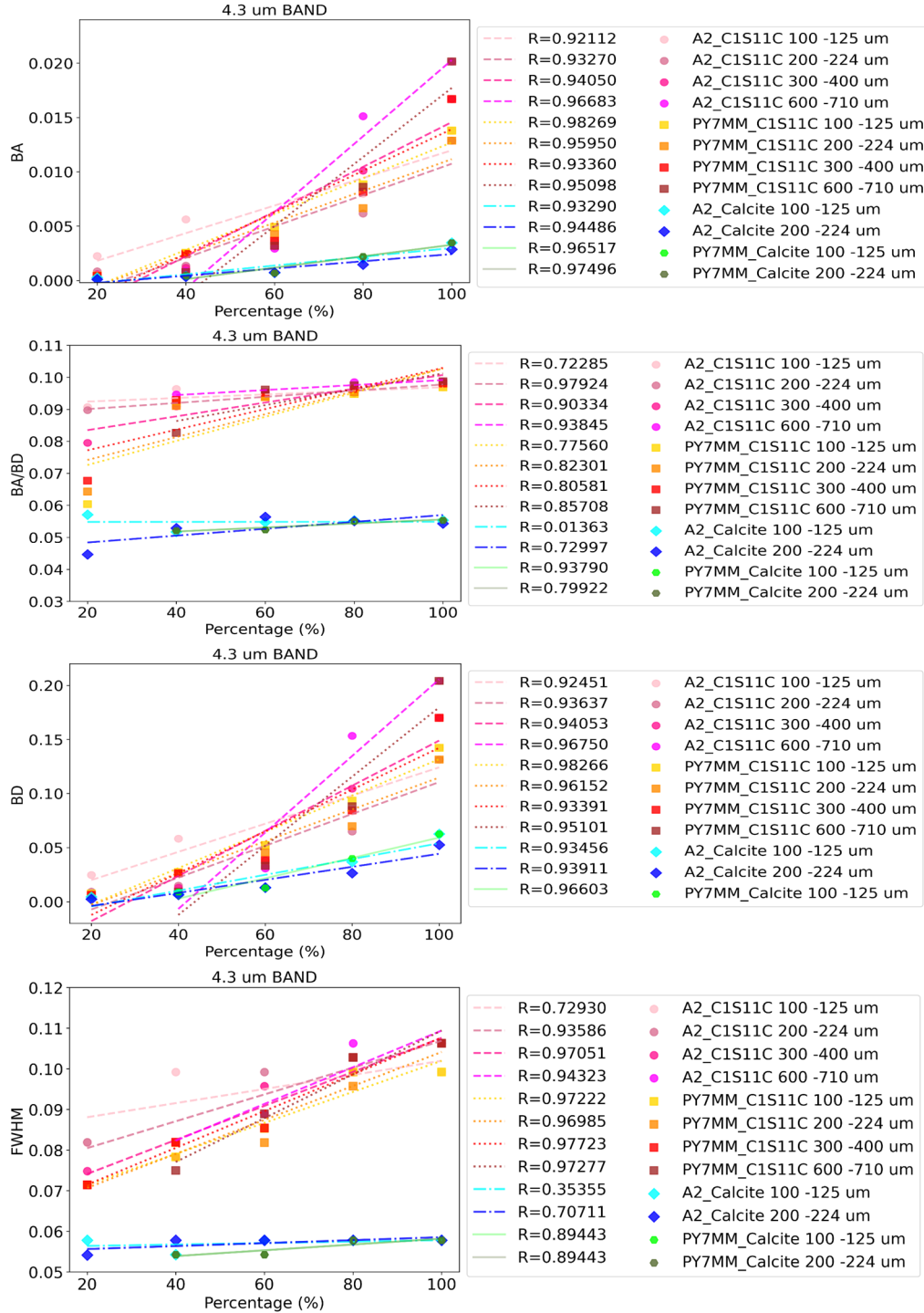
A.2 2.3 μm spectral feature



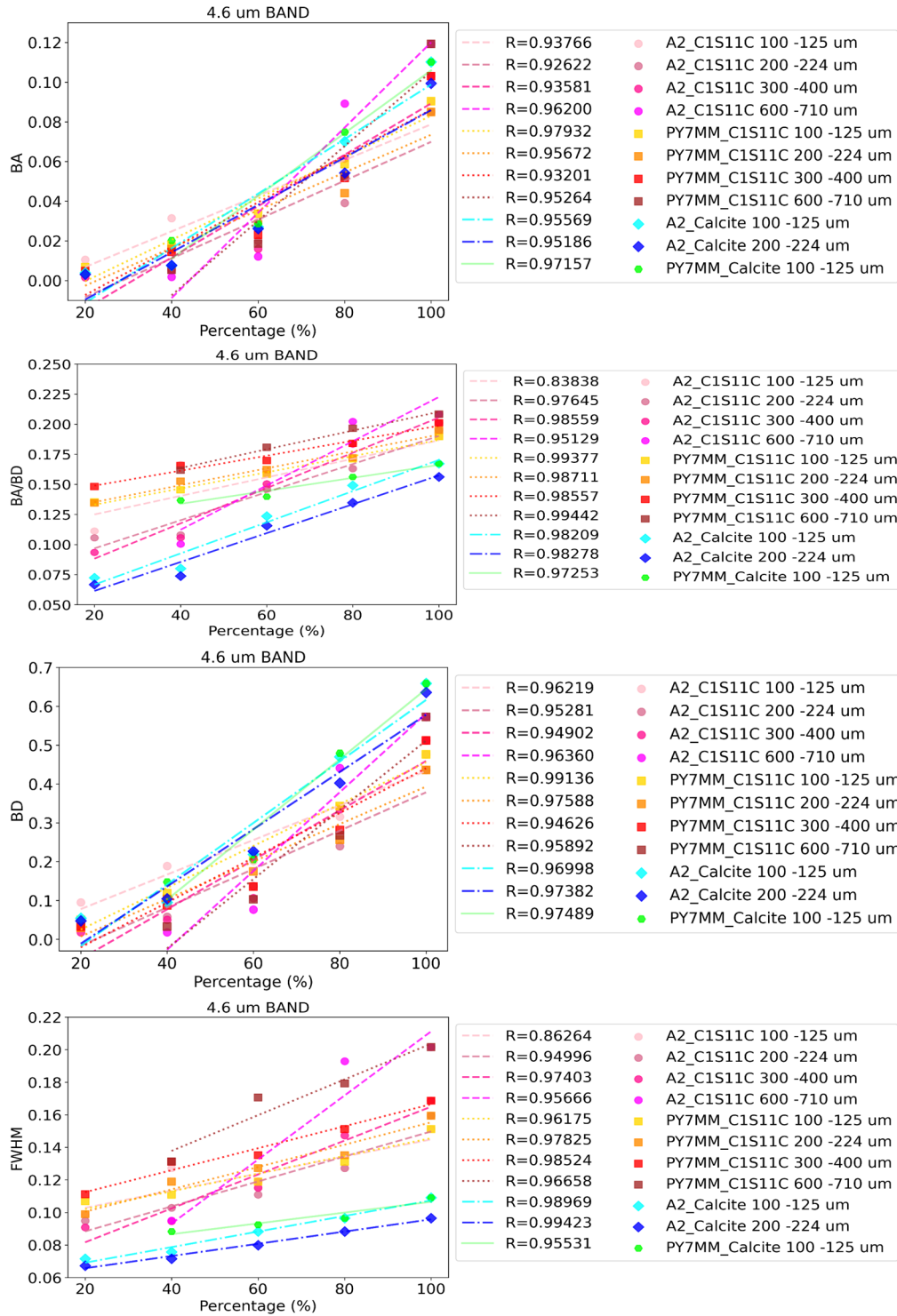
A.3 4.0 μm spectral feature



A.4 4.3 μm spectral feature



A.5 4.6 μm spectral feature



A.6 5.1 μm spectral feature

