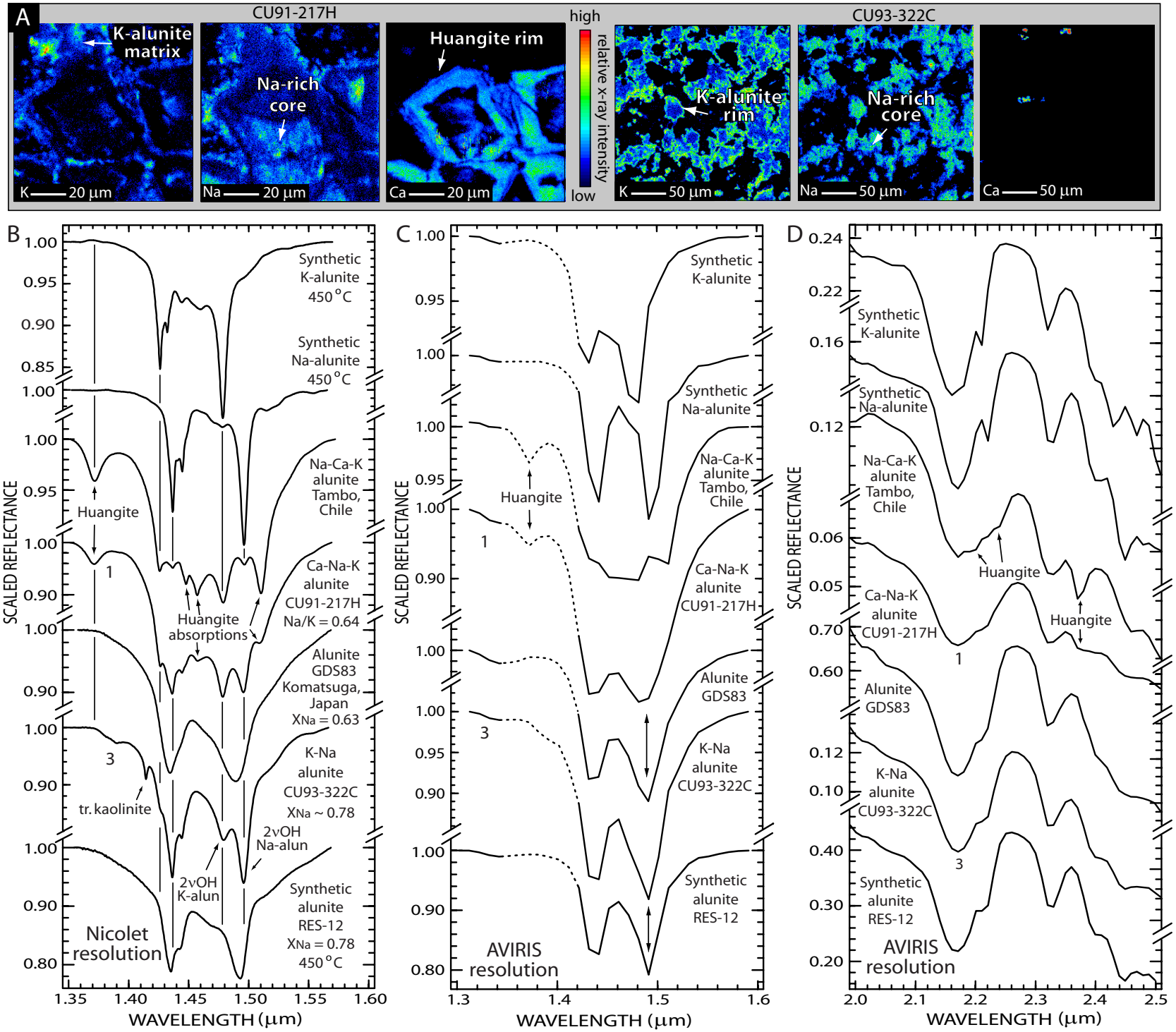
A
CU91-217H
CU93-322C
K-alunite matrix
Na-rich core
Huangite rim
K-alunite rim
Na-rich core
high
low
relative x-ray intensity
K 20 µm
Na 20 µm
Ca 20 µm
K 50 µm
Na 50 µm
Ca 50 µm
B
C
D
SCALED REFLECTANCE
WAVELENGTH (µm)
Synthetic K-alunite 450 °C
Synthetic Na-alunite 450 °C
Na-Ca-K alunite Tambo, Chile
Ca-Na-K alunite CU91-217H Na/K = 0.64
Alunite GDS83 Komatsuga, Japan XNa = 0.63
K-Na alunite CU93-322C XNa ~ 0.78
Synthetic alunite RES-12 XNa = 0.78 450 °C
Huangite
Huangite absorptions
tr. kaolinite
2νOH Na-alun
2νOH K-alun
Nicolet resolution
AVIRIS resolution