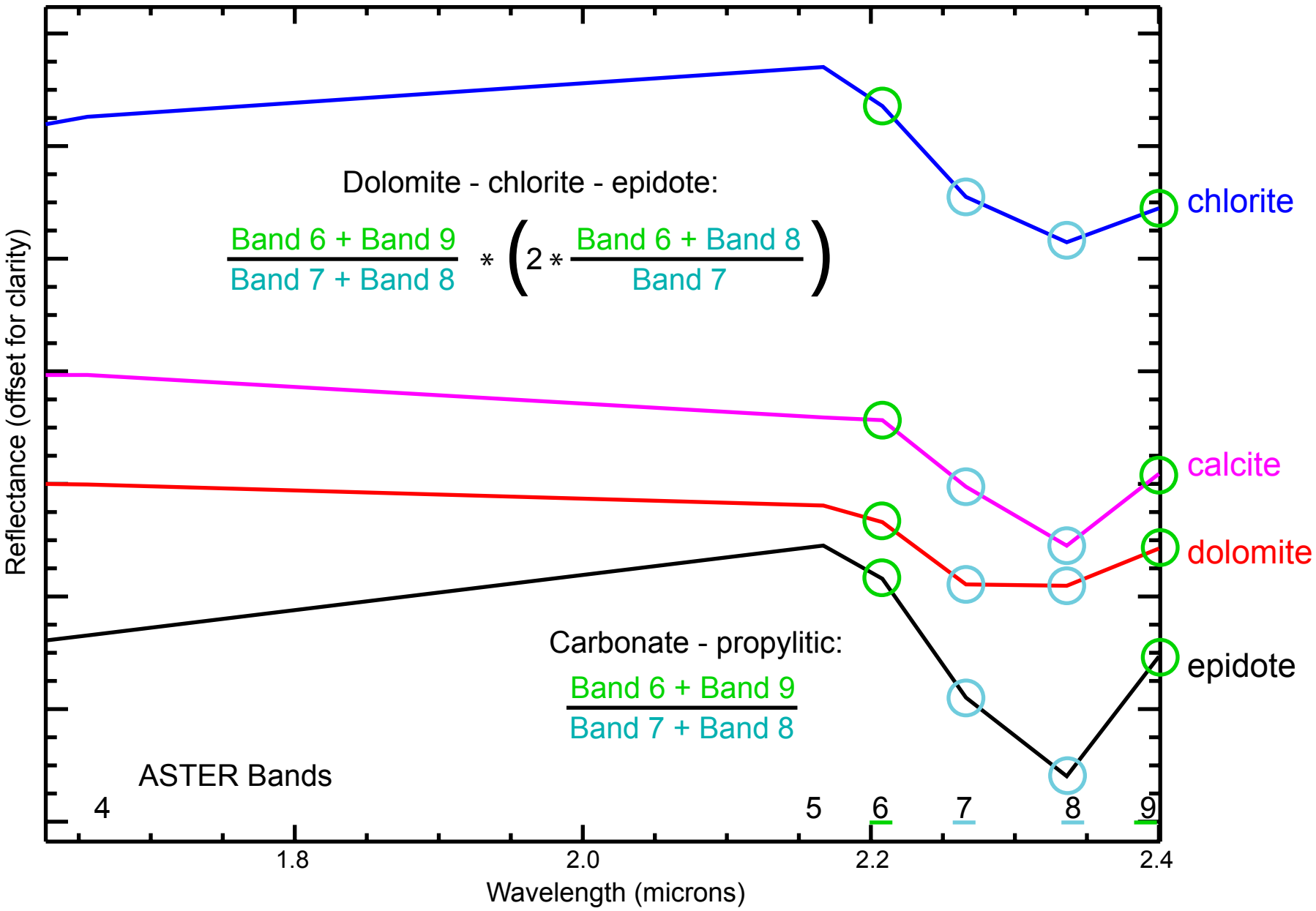
Dolomite - chlorite - epidote:
$\frac{\text{Band 6 + Band 9}}{\text{Band 7 + Band 8}} * \left(2 * \frac{\text{Band 6 + Band 8}}{\text{Band 7}}\right)$
Carbonate - propylitic:
$\frac{\text{Band 6 + Band 9}}{\text{Band 7 + Band 8}}$
ASTER Bands
4
5
6
7
8
9
chlorite
calcite
dolomite
epidote
Reflectance (offset for clarity)
1.8
2.0
2.2
2.4
Wavelength (microns)