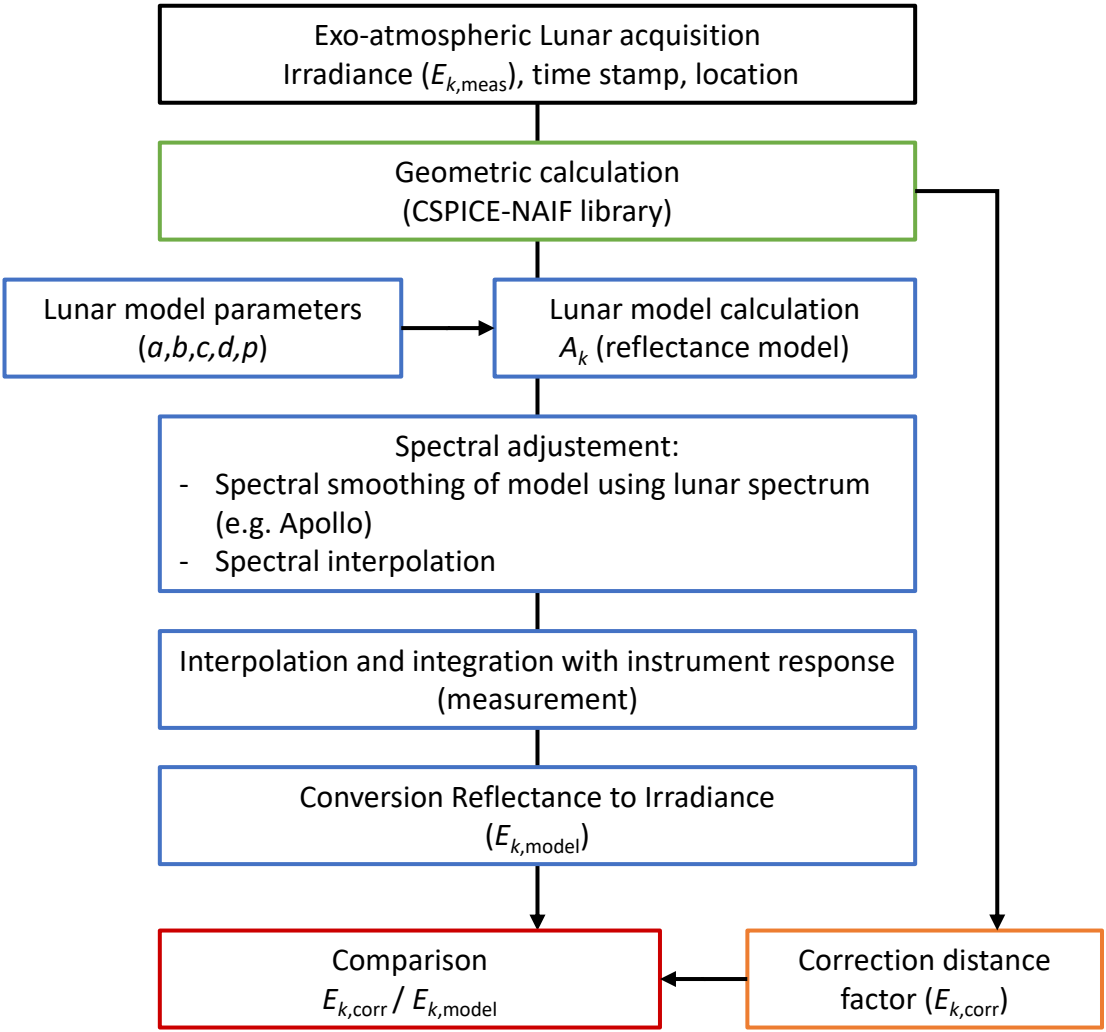
Exo-atmospheric Lunar acquisition
Irradiance ($E_{k,meas}$), time stamp, location
Geometric calculation
(CSPICE-NAIF library)
Lunar model parameters
(a,b,c,d,p)
Lunar model calculation
A_k (reflectance model)
Spectral adjustement:
- Spectral smoothing of model using lunar spectrum (e.g. Apollo)
- Spectral interpolation
Interpolation and integration with instrument response (measurement)
Conversion Reflectance to Irradiance
($E_{k,model}$)
Comparison
$E_{k,corr}$ / $E_{k,model}$
Correction distance factor ($E_{k,corr}$)