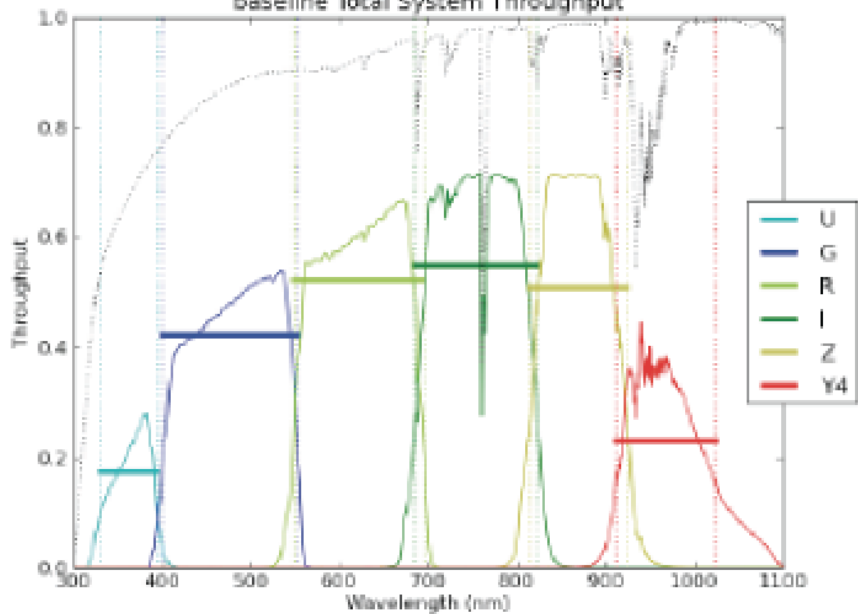


ImSim Telecon

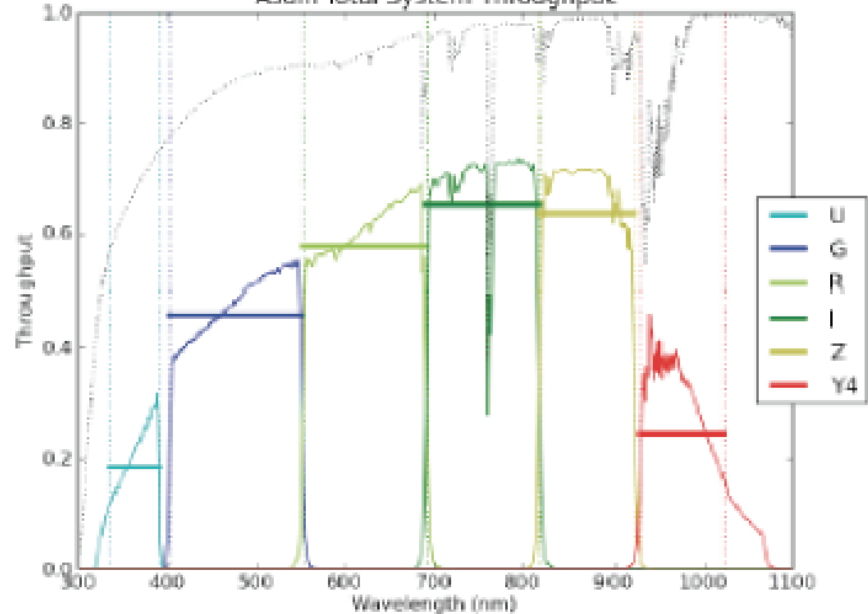
13 Dec 13

dkg

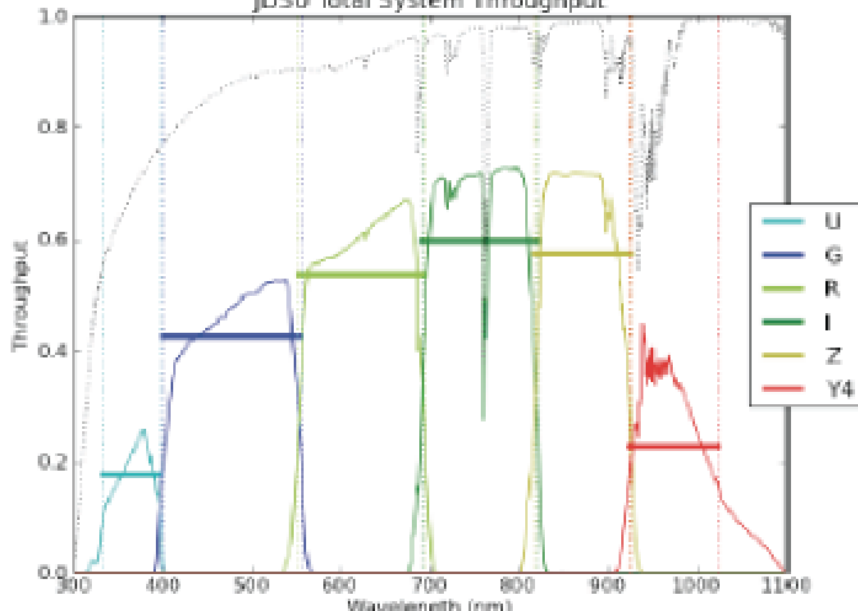
baseline Total System Throughput



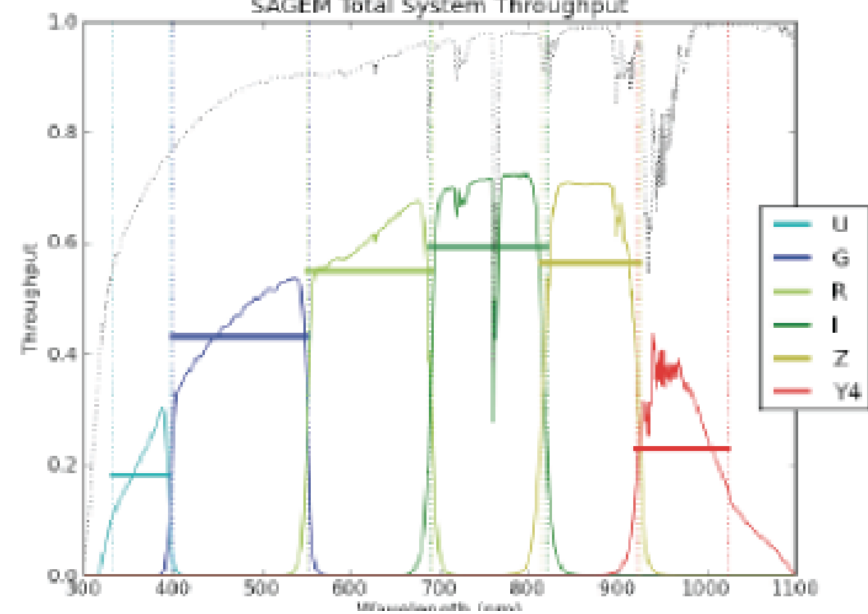
Asahi Total System Throughput



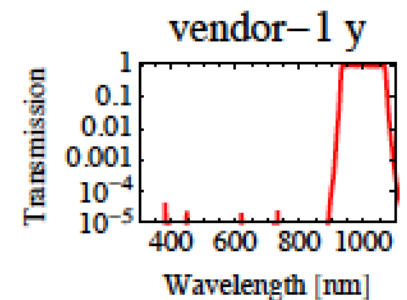
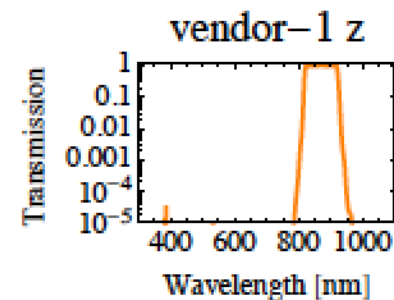
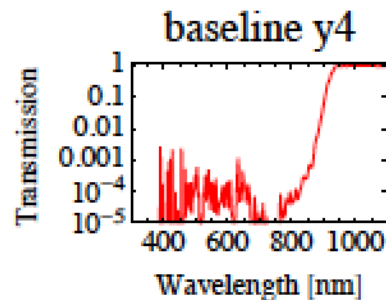
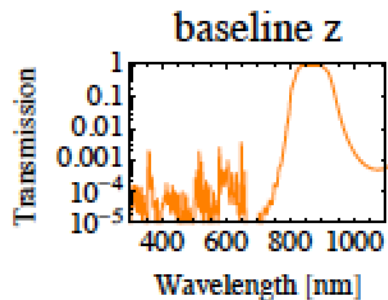
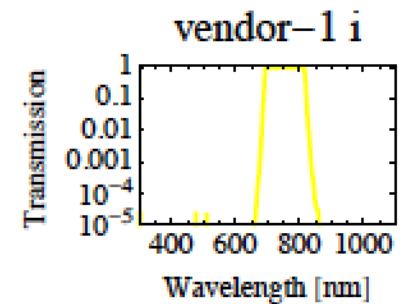
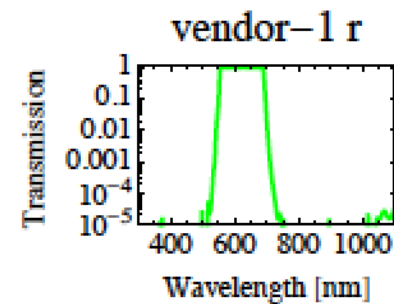
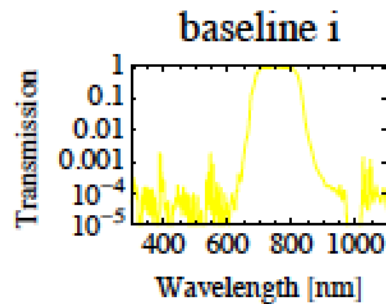
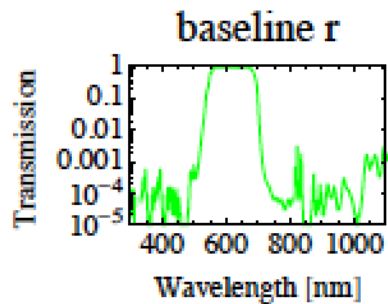
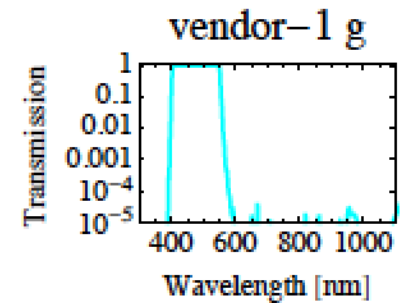
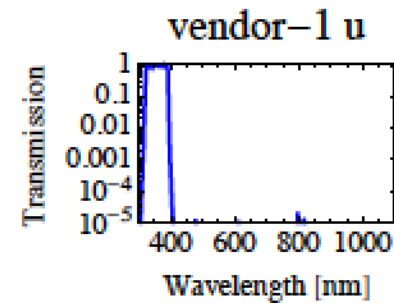
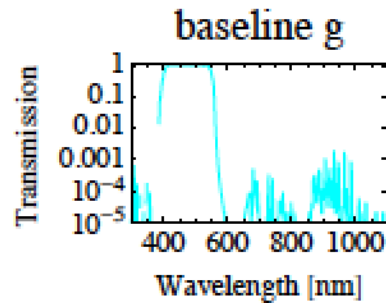
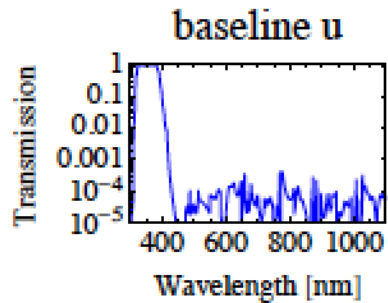
JDSU Total System Throughput



SAGEM Total System Throughput

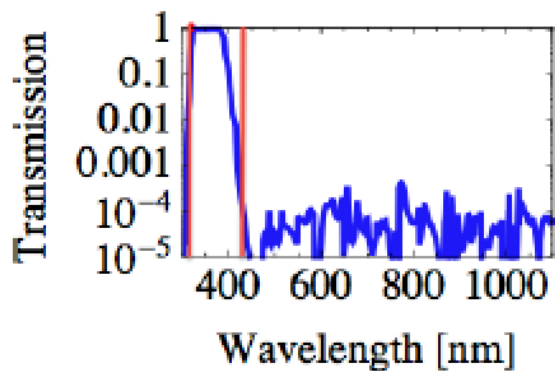


Comparison of baseline to vendor-1 filters

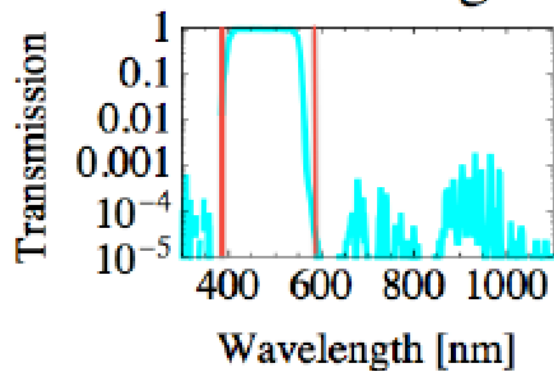


Example cuts to remove leakage (on baseline)

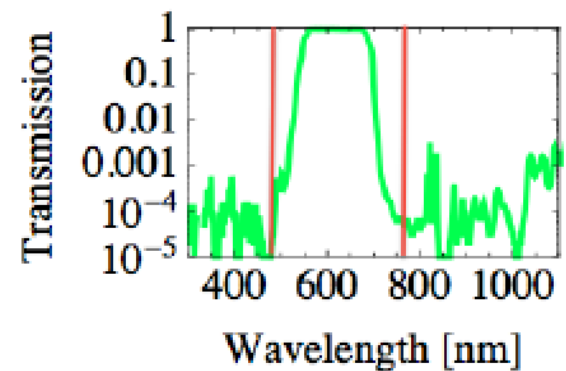
baseline u



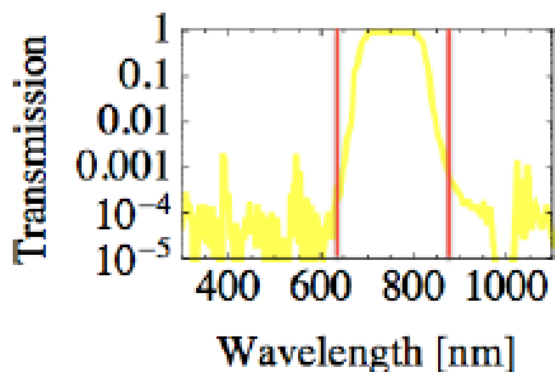
baseline g



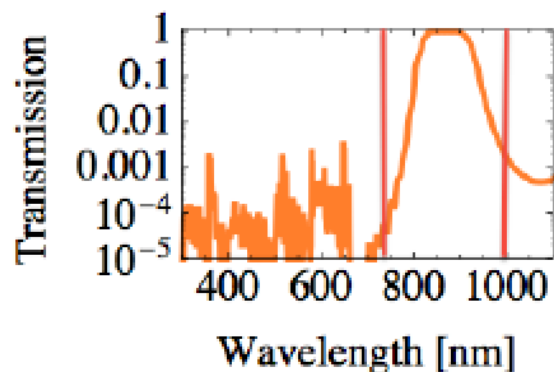
baseline r



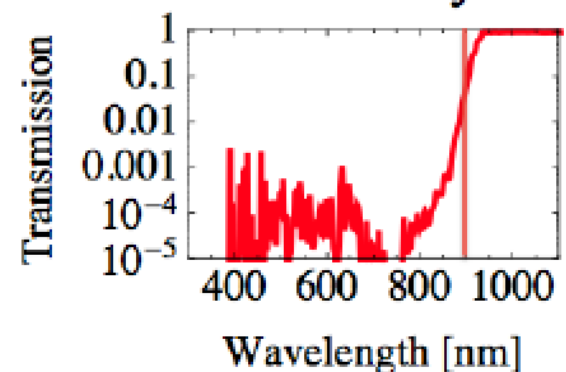
baseline i

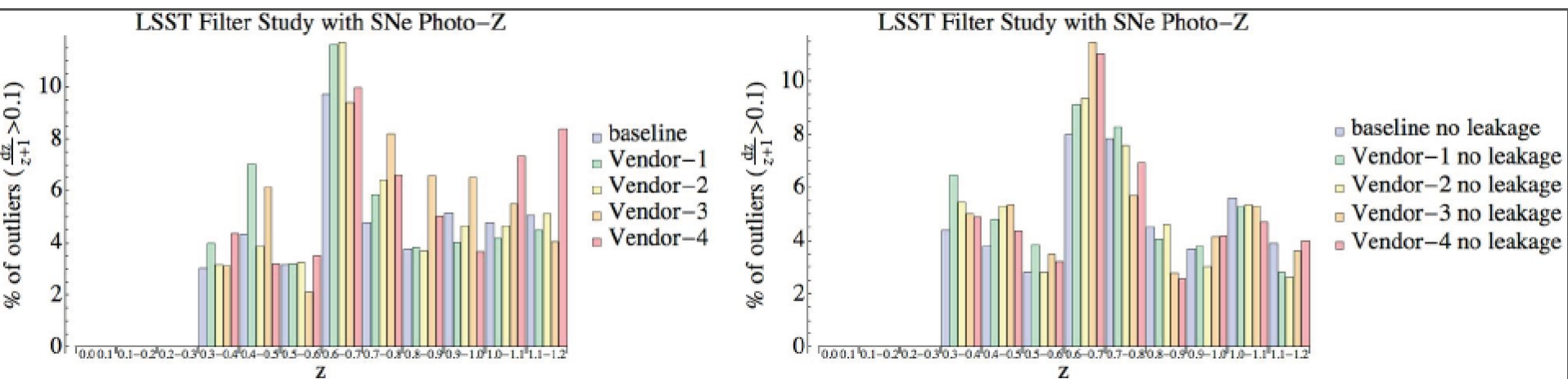


baseline z



baseline y4





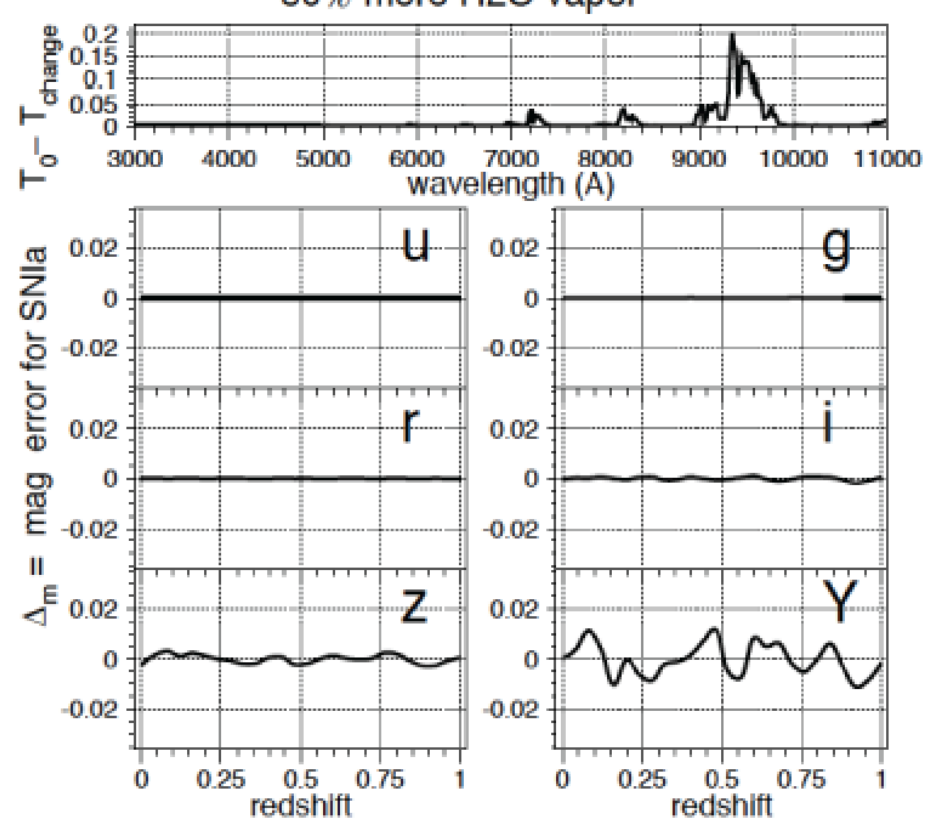
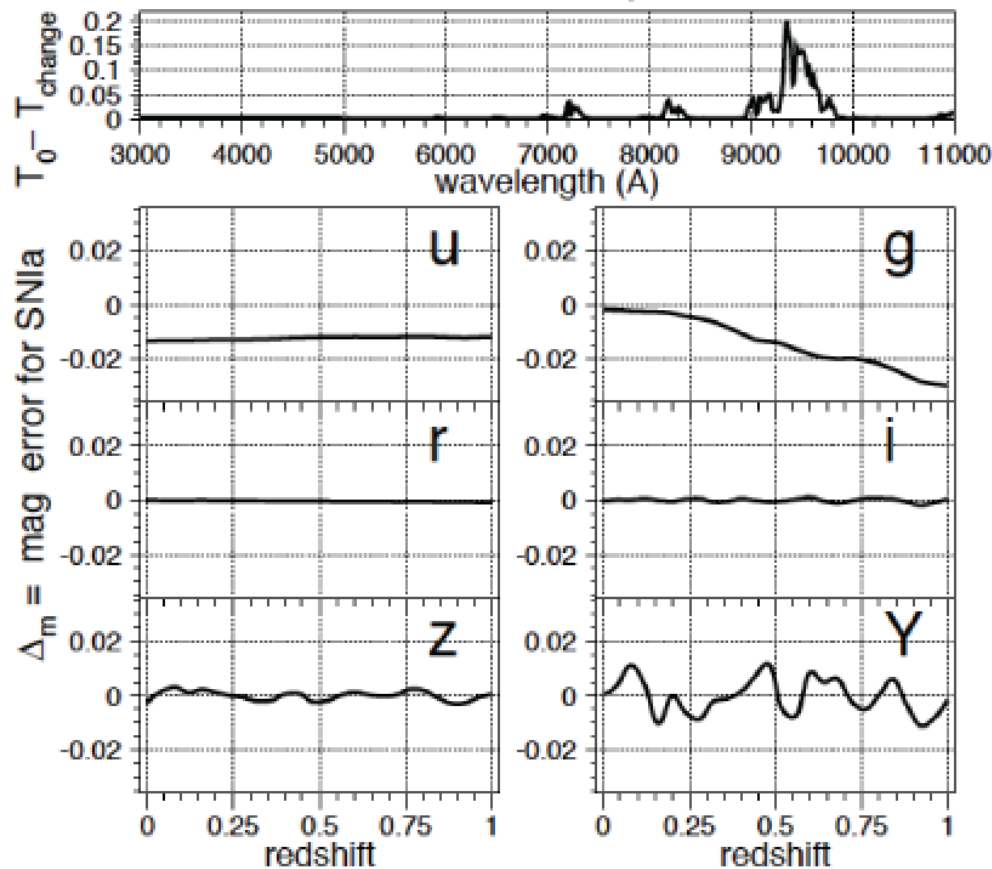
SN1a Peak – Adding 50% more H2O from nominal

Normal Leaks

Leaks Suppressed

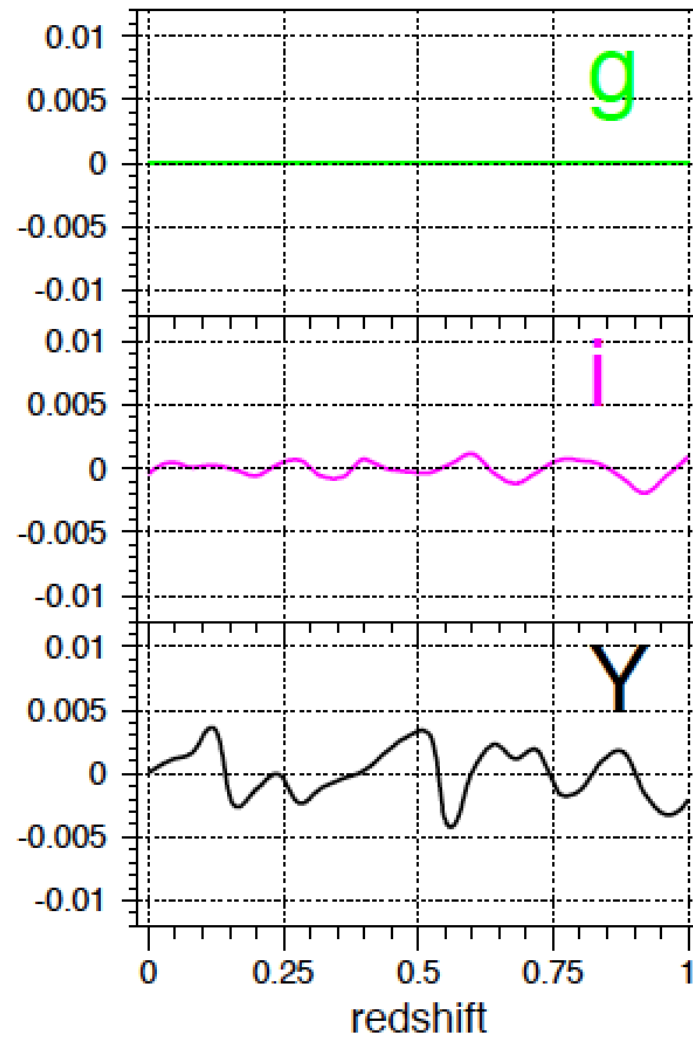
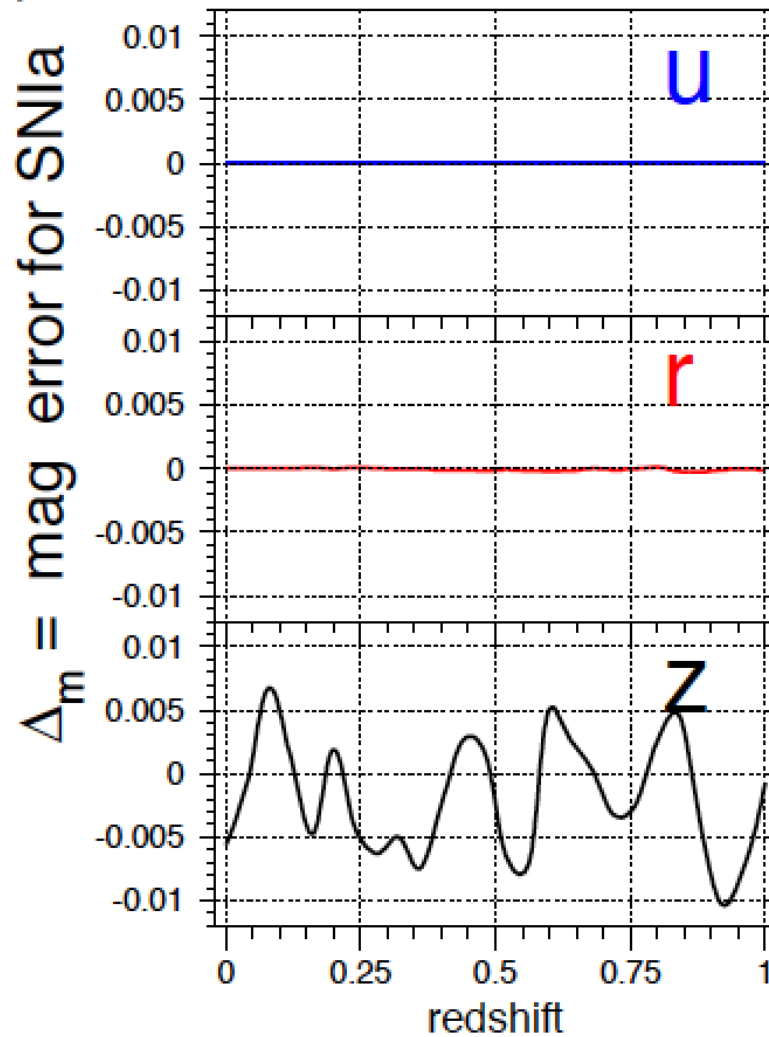
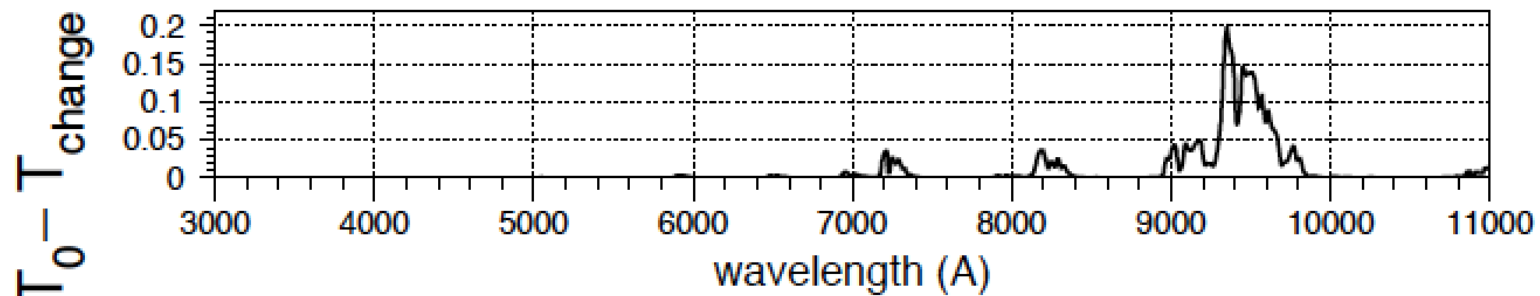
50% more H2O vapor

50% more H2O vapor

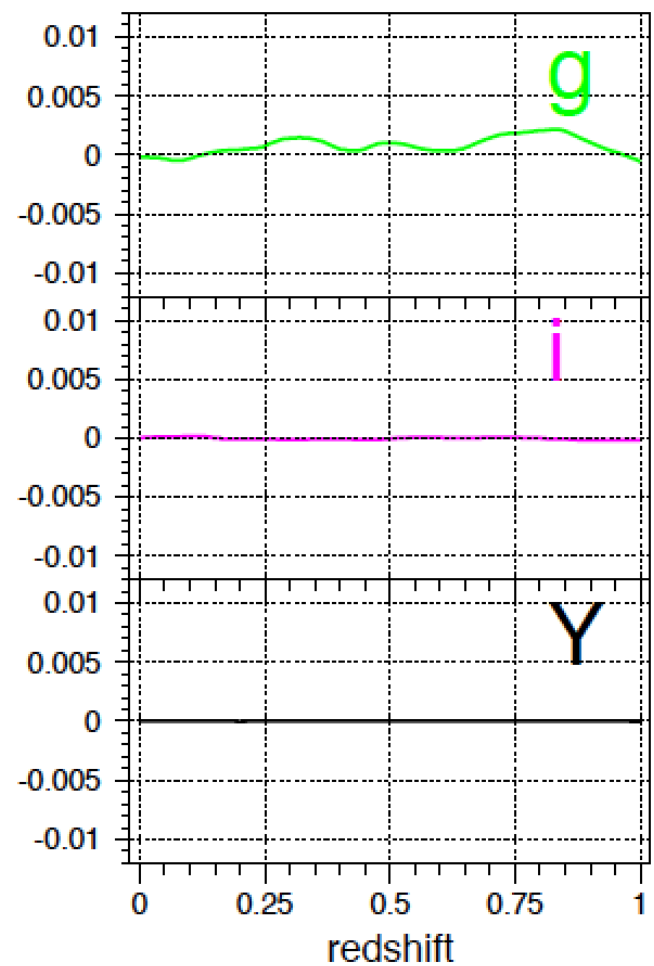
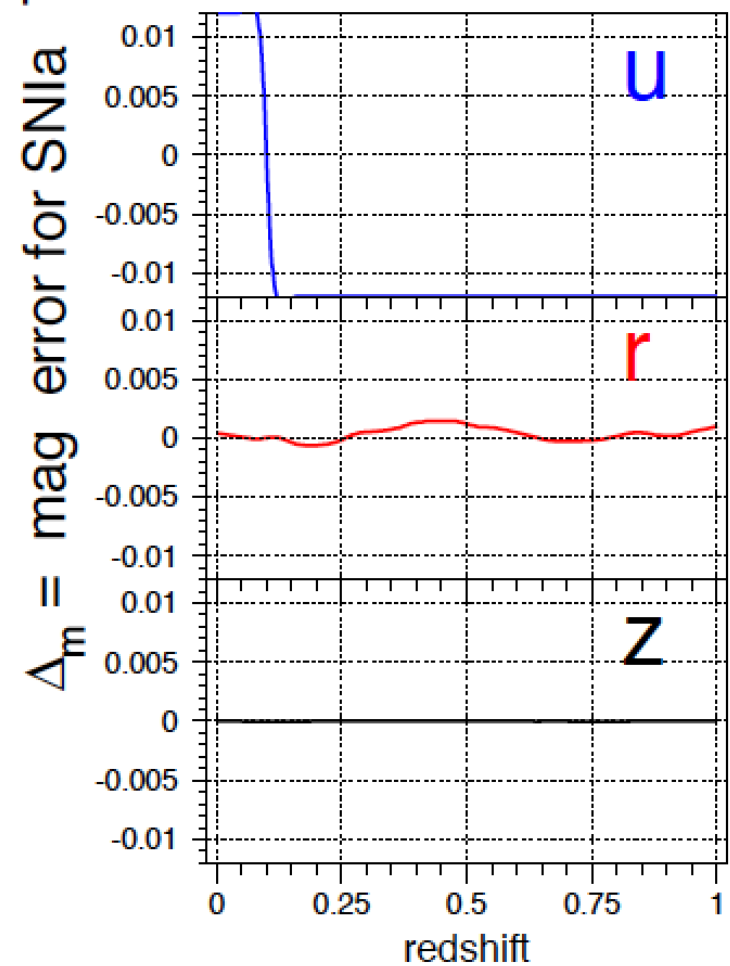
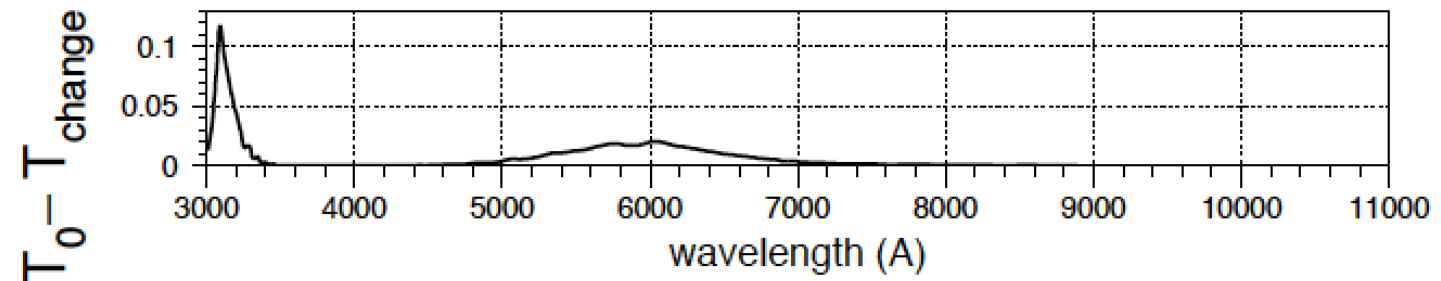


On right, I removed leaks completely. Left are normal leaks. Leaks produce bias in Sn2a photometry, particularly u and g-band leaks. You can see the bias from the leaks in these Bands (on left).

50% more H₂O vapor



50% more Ozone (O3)



50% more Ozone (O3)

