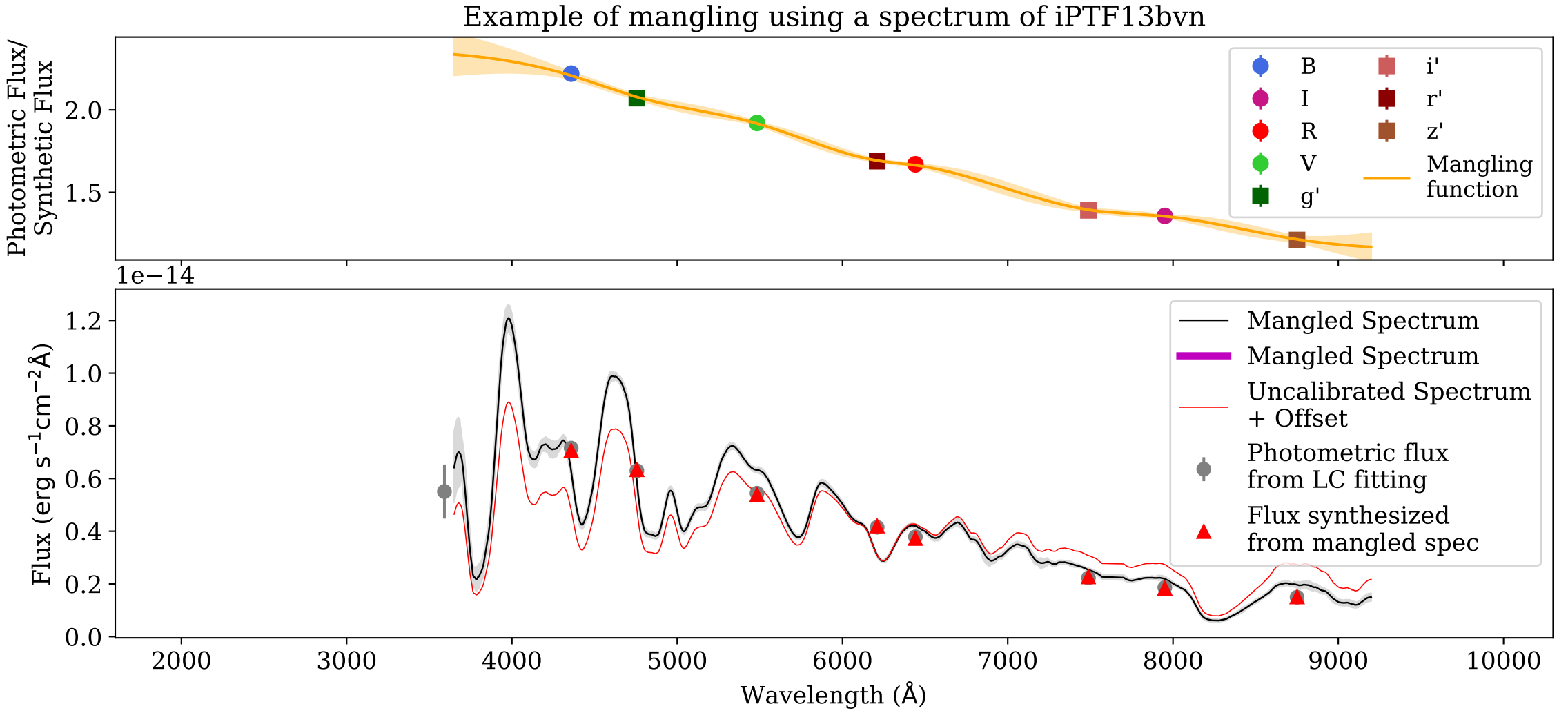
Example of mangling using a spectrum of iPTF13bvn
Photometric Flux/
Synthetic Flux
2.0
1.5
B
I
R
V
g'
i'
r'
z'
Mangling
function
1e−14
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Flux (erg s$^{-1}$cm$^{-2}$Å)
Mangled Spectrum
Mangled Spectrum
Uncalibrated Spectrum
+ Offset
Photometric flux
from LC fitting
Flux synthesized
from mangled spec
2000
3000
4000
5000
6000
7000
8000
9000
10000
Wavelength (Å)