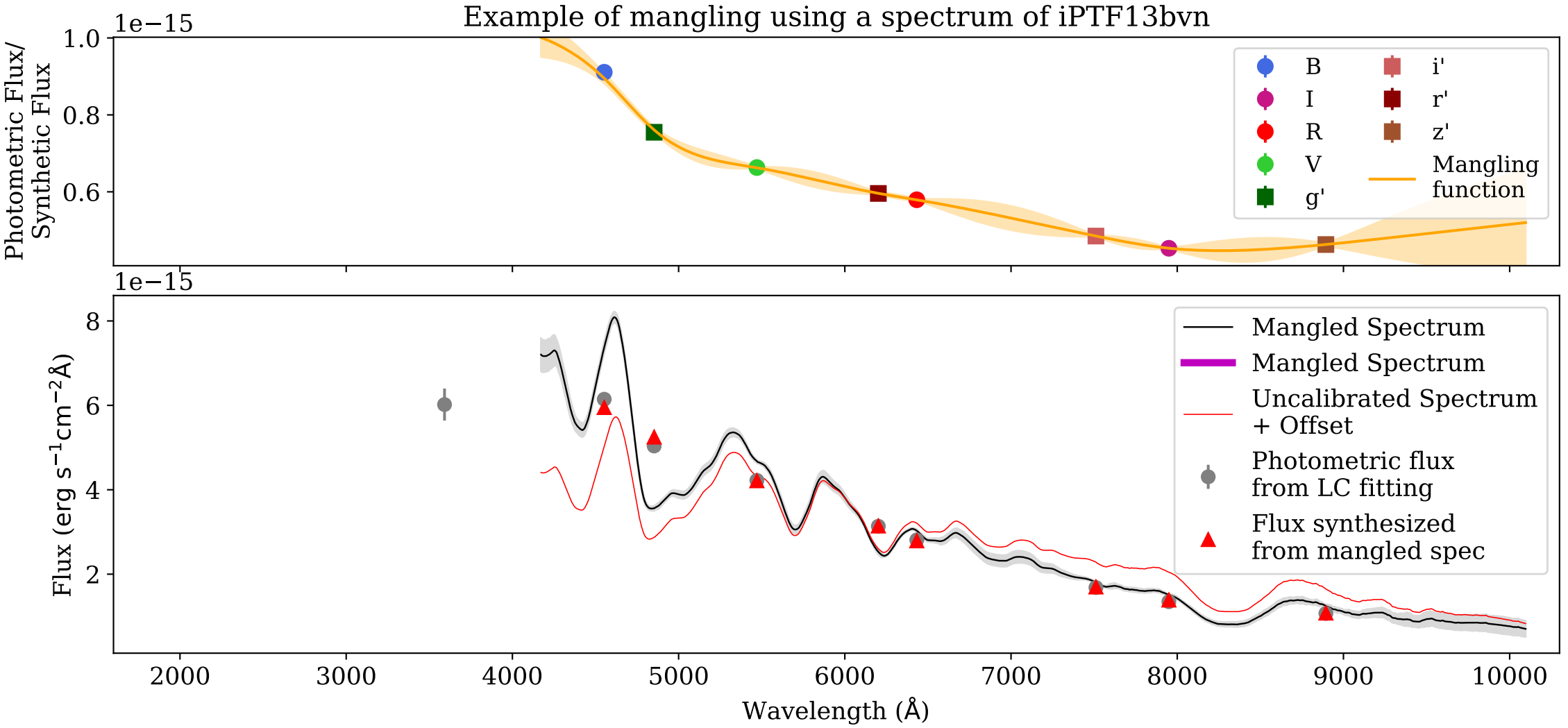
Example of mangling using a spectrum of iPTF13bvn
1e−15
Photometric Flux/
Synthetic Flux
1.0
0.8
0.6
B
I
R
V
g'
i'
r'
z'
Mangling
function
1e−15
Flux (erg s^{-1}cm^{-2}Å)
8
6
4
2
Mangled Spectrum
Mangled Spectrum
Uncalibrated Spectrum
+ Offset
Photometric flux
from LC fitting
Flux synthesized
from mangled spec
2000
3000
4000
5000
6000
7000
8000
9000
10000
Wavelength (Å)