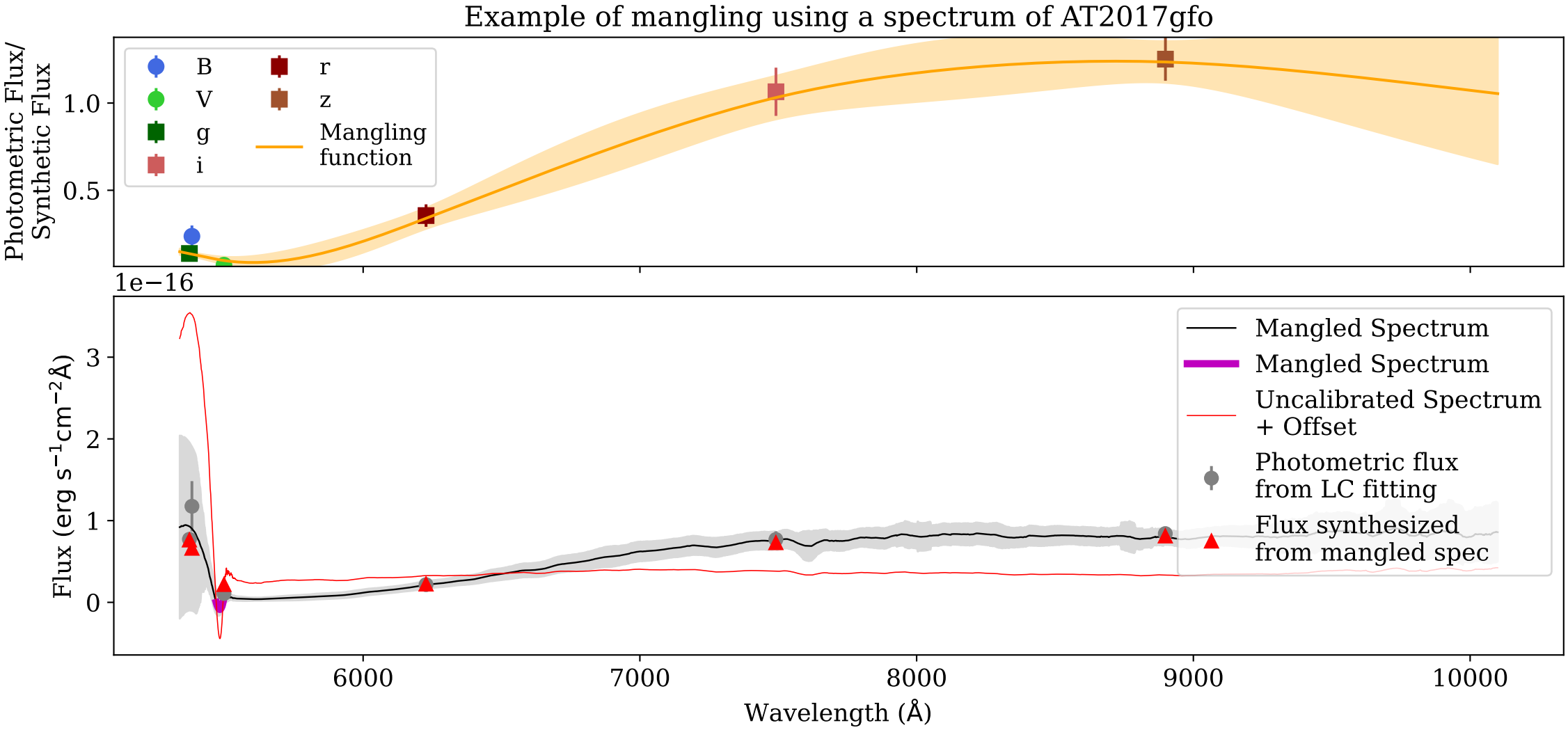
Example of mangling using a spectrum of AT2017gfo
Photometric Flux/
Synthetic Flux
1.0
0.5
B
V
g
i
r
z
Mangling
function
1e−16
Flux (erg s^{-1}cm^{-2}Å)
3
2
1
0
Mangled Spectrum
Mangled Spectrum
Uncalibrated Spectrum
+ Offset
Photometric flux
from LC fitting
Flux synthesized
from mangled spec
6000
7000
8000
9000
10000
Wavelength (Å)