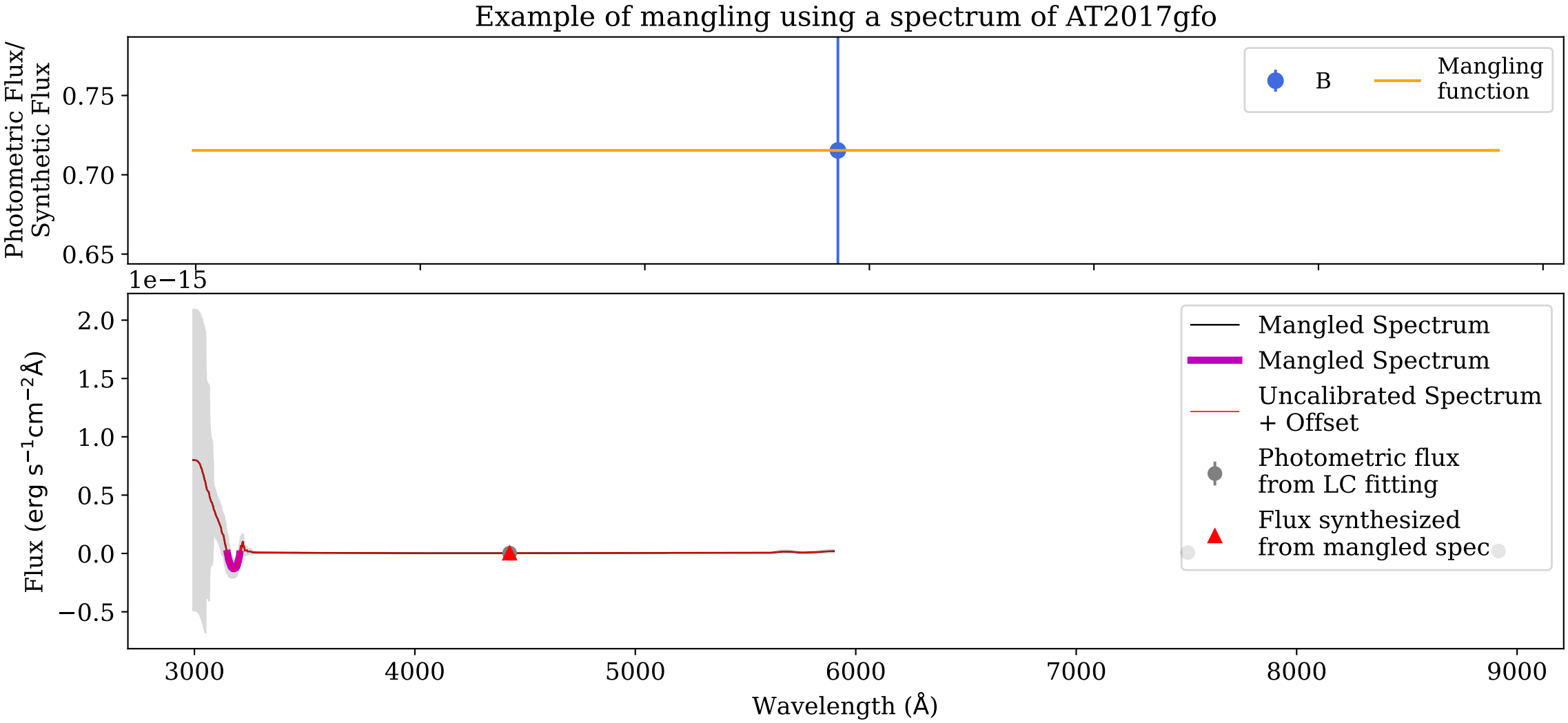
Example of mangling using a spectrum of AT2017gfo
Photometric Flux/
Synthetic Flux
0.75
0.70
0.65
B
Mangling
function
1e−15
2.0
1.5
1.0
0.5
0.0
−0.5
Flux (erg s^{-1}cm^{-2}Å)
Mangled Spectrum
Mangled Spectrum
Uncalibrated Spectrum
+ Offset
Photometric flux
from LC fitting
Flux synthesized
from mangled spec
3000
4000
5000
6000
7000
8000
9000
Wavelength (Å)