Updates on foregrounds cleaning with PICO using multipatch method (see Errard&Stompor 2018)

Josquin, 12/13/2018

fitting for {Bd,Bs,Td} in each of the **nside=2 patches**



fitting for {Bd,Bs,Td} in each of the nside=4 patches



fitting for {Bd,Bs,Td} in each of the **nside=8 patches**



fitting for {Bd,Bs,Td} in each of the **nside=16 patches**



fitting for {Bd,Bs,Td} in each of the nside=32 patches



fitting for {Bd,Bs,Td} in each of the **nside=64 patches**



Next steps:

- look at d1s1 sky simulations
- fit for {Bd,Bs,Td} + running indices on synchrotron and dust (e.g. Chluba et al moments?)
- for a d1s1 sky, find the good tradeoff between patch size and effective set of free spectral parameters