

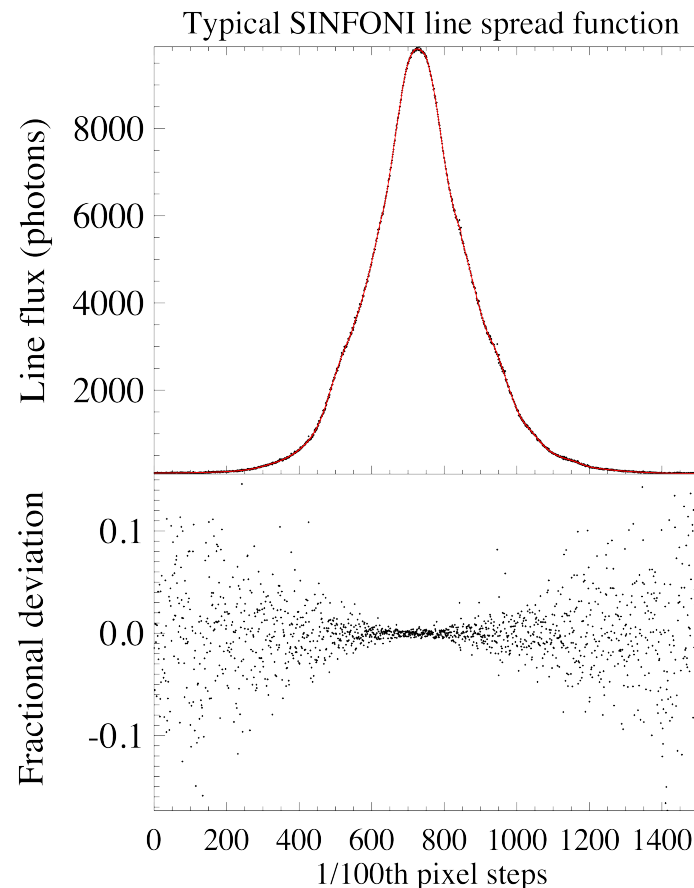
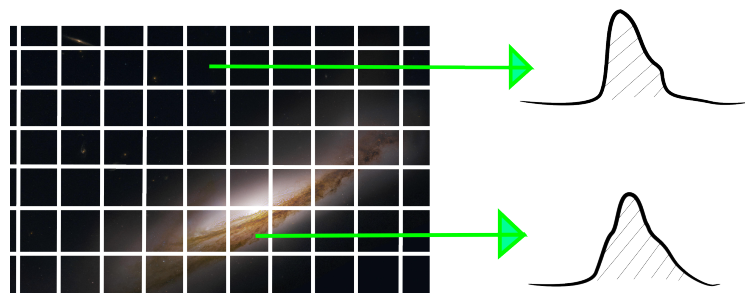
# Improving IFU observing efficiency by a factor of 2-4

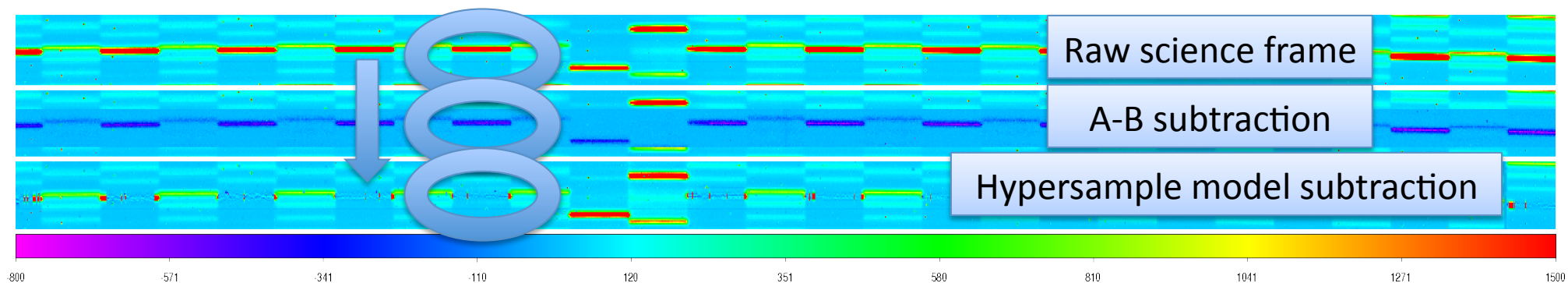


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- Subtracting IFU sky tricky because the line profile varies strongly across the FOV and spectral range -> most use separate sky exps
- We're attempting to create a model of the line profiles to 1% accuracy by 'hypersampling'
- No need for separate sky exposures!





- Currently represent sky lines to 1% - same as S/N
- In principal, now can save a factor of 2
- In future we hope to get to 0.1% - better than the S/N in separate exp
- This could save an additional factor of 2!

