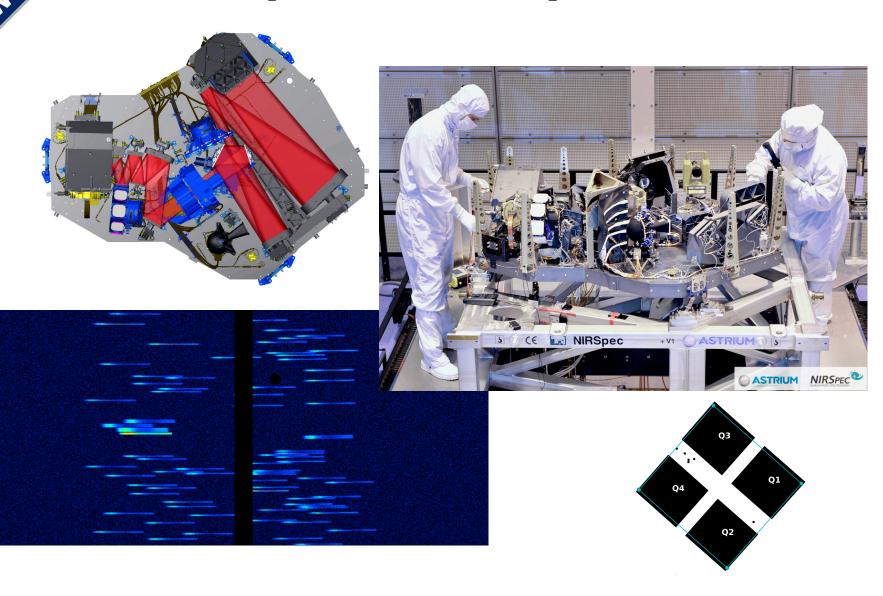
NIRSpec sentivity – IFU mode



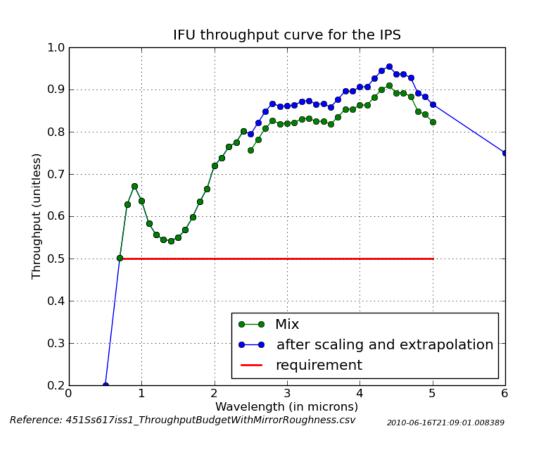


From MOS mode to IFU mode...

- Key differences.
 - More optics in the path of the photons = lower throughput.
 - Performances for point source observations are less relevant.
 - What does not get into a slice will end up in the next one... The notion of "slit losses" is not relevant anymore.
 - Different observation strategies.
 - For background subtraction...
 - Dithering patterns...



 Not that bad in the red part of the spectrum, quite some losses at the blue end...





Back to detector noise regime White board exercise...

 You do not throw away some light (no "slit losses") but at the end of the day you spread it over more pixels. And it can hurt...