SU update:
We have energy in the correct place !

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- $\delta \approx 0.035[\mathrm{m}]$, $U_e \approx 14[\mathrm{m/s}]$, $T^+ \equiv Tu_\tau^2/\nu = 10$

Pressure (psi)	0	50	100
$u_\tau[\mathrm{m/s}]$	0.58	0.47	0.52
ν/u_τ [m]	27×10^{-6}	7.5×10^{-6}	3.7×10^{-6}
ν [$\mathrm{m^2/s}$]	15.7×10^{-6}	3.52×10^{-6}	1.92×10^{-6}
Re_τ	1,300	4,700	9,500
$f(T^+ = 10)$ [Hz]	2,100	4,700	14,100

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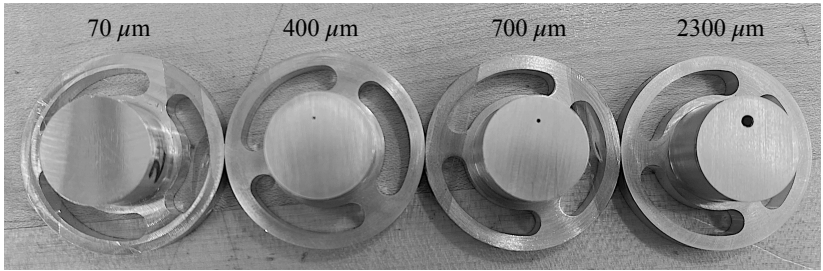

- Testing pinhole diameters of $d = 2300, 700, 400\ \mu$m
  - Corresponds to $d^+ \approx 85, 93, 108$
- Under the frozen turbulence assumption, these sit around $T^+ \sim 10$

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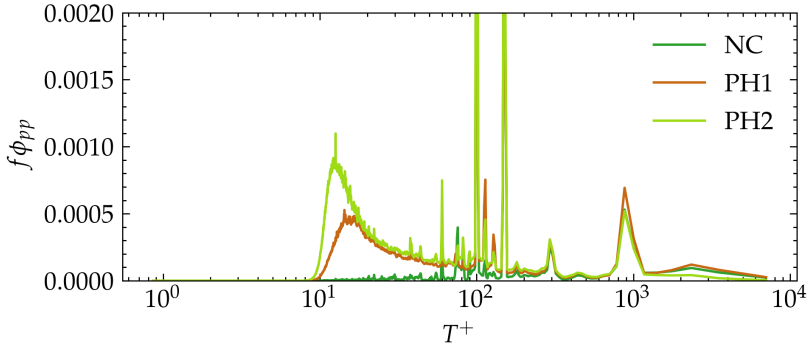
$Re_\tau \approx 1{,}300$ ($d = 700\ \mu$m)



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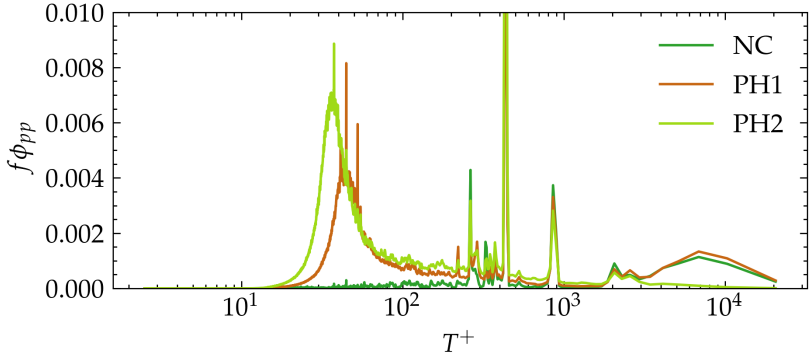
$Re_\tau \approx 4{,}700$ ($d = 700$ μm)



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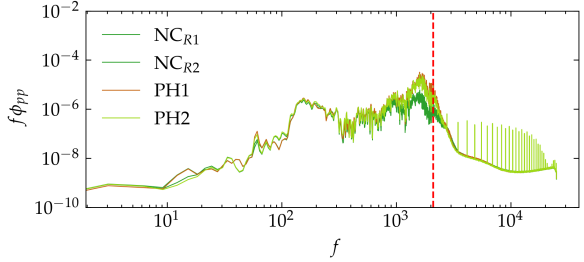
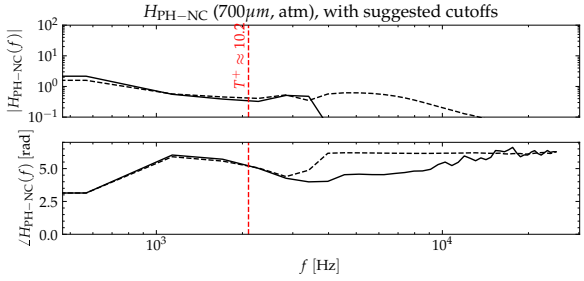
Calibration 1 for PH2





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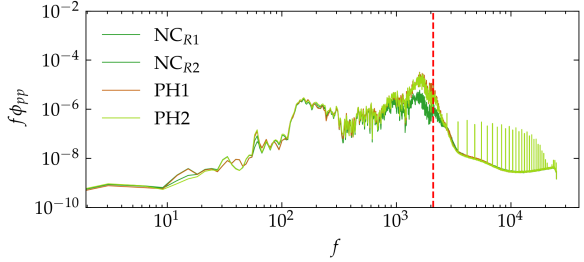
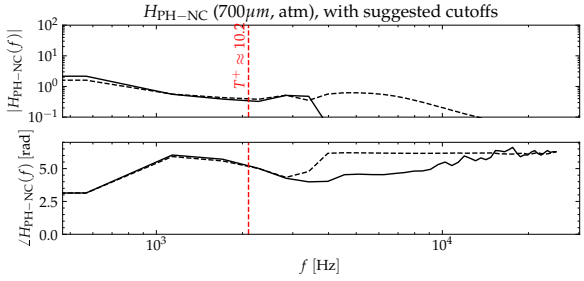
Calibration 2 for PH2





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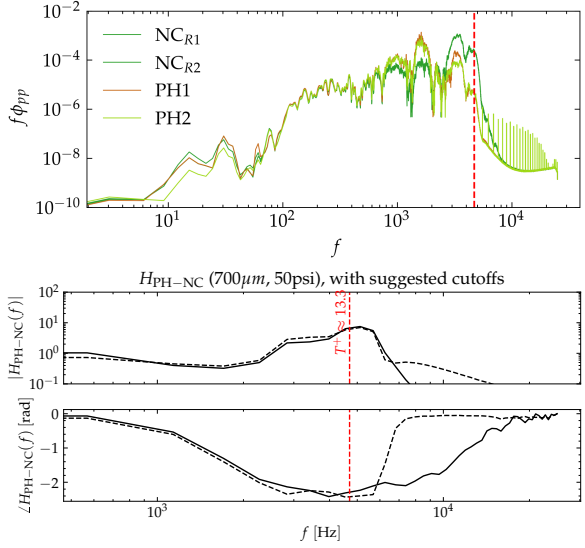

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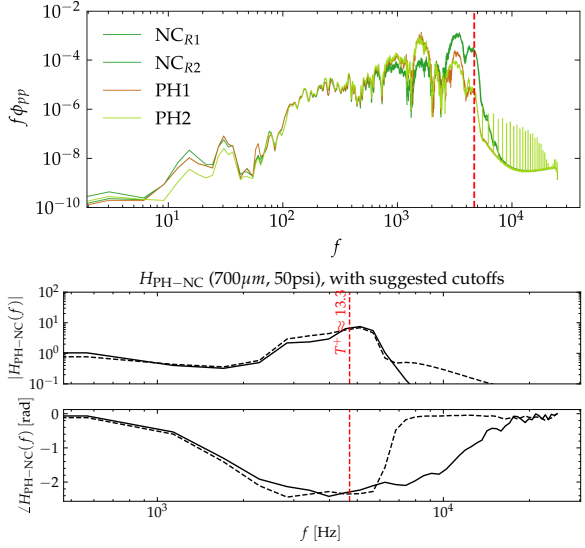

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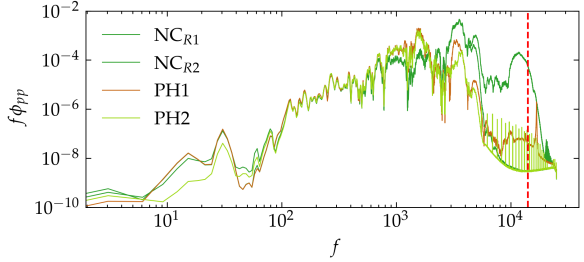

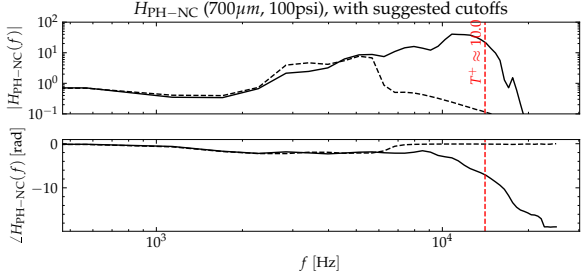

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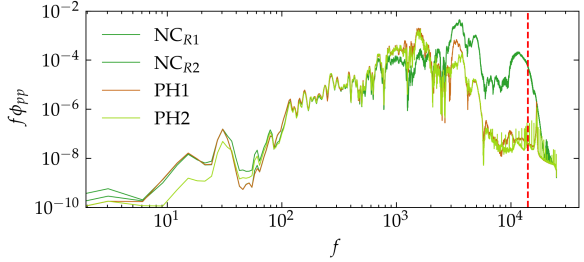

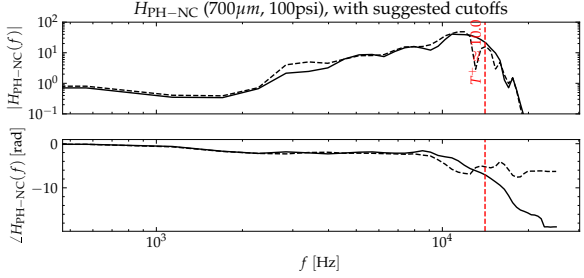

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