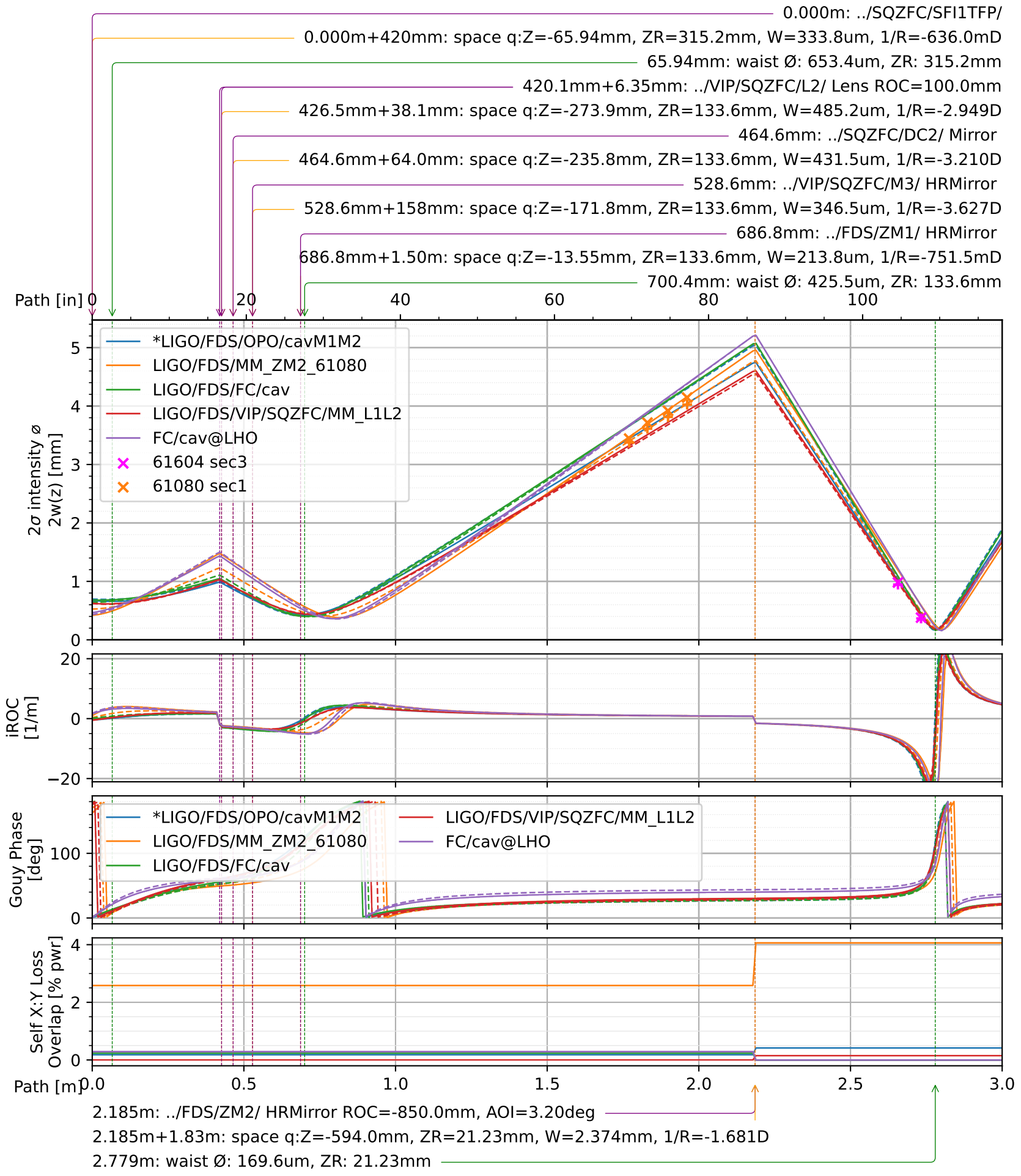
0.000m: ../SQZFC/SFI1TFP/
0.000m+420mm: space q:Z=-65.94mm, ZR=315.2mm, W=333.8um, 1/R=-636.0mD
65.94mm: waist Ø: 653.4um, ZR: 315.2mm
420.1mm+6.35mm: ../VIP/SQZFC/L2/ Lens ROC=100.0mm
426.5mm+38.1mm: space q:Z=-273.9mm, ZR=133.6mm, W=485.2um, 1/R=-2.949D
464.6mm: ../SQZFC/DC2/ Mirror
464.6mm+64.0mm: space q:Z=-235.8mm, ZR=133.6mm, W=431.5um, 1/R=-3.210D
528.6mm: ../VIP/SQZFC/M3/ HRMirror
528.6mm+158mm: space q:Z=-171.8mm, ZR=133.6mm, W=346.5um, 1/R=-3.627D
686.8mm: ../FDS/ZM1/ HRMirror
686.8mm+1.50m: space q:Z=-13.55mm, ZR=133.6mm, W=213.8um, 1/R=-751.5mD
700.4mm: waist Ø: 425.5um, ZR: 133.6mm
Path [in]
0
20
40
60
80
100
*LIGO/FDS/OPO/cavM1M2
LIGO/FDS/MM_ZM2_61080
LIGO/FDS/FC/cav
LIGO/FDS/VIP/SQZFC/MM_L1L2
FC/cav@LHO
61604 sec3
61080 sec1
2σ intensity ø
2w(z) [mm]
iROC
[1/m]
Gouy Phase
[deg]
Self X:Y Loss
Overlap [% pwr]
Path [m]
0.0
0.5
1.0
1.5
2.0
2.5
3.0
2.185m: ../FDS/ZM2/ HRMirror ROC=-850.0mm, AOI=3.20deg
2.185m+1.83m: space q:Z=-594.0mm, ZR=21.23mm, W=2.374mm, 1/R=-1.681D
2.779m: waist Ø: 169.6um, ZR: 21.23mm