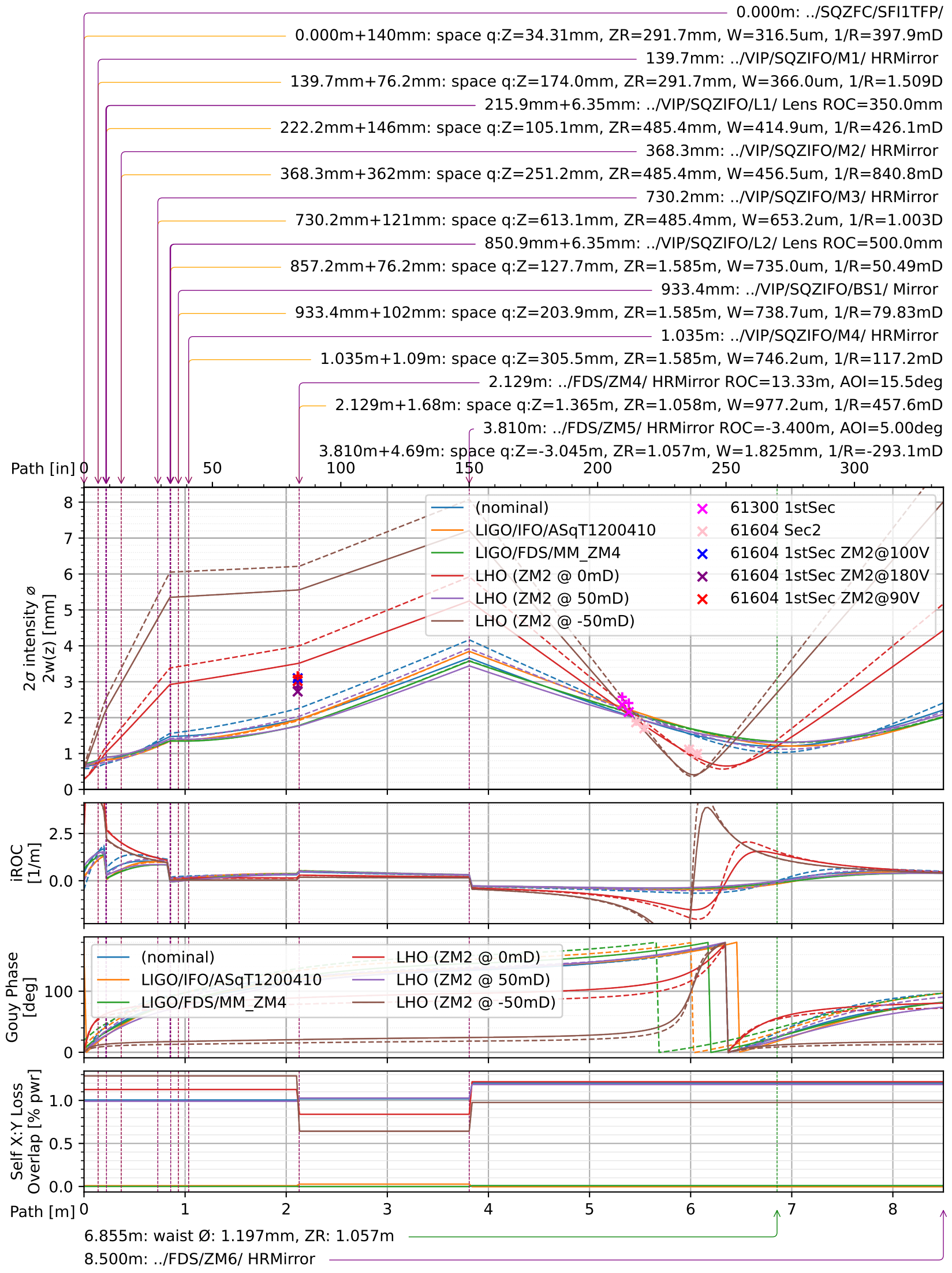
0.000m: ../SQZFC/SFI1TFP/
0.000m+140mm: space q:Z=34.31mm, ZR=291.7mm, W=316.5um, 1/R=397.9mD
139.7mm: ../VIP/SQZIFO/M1/ HRMirror
139.7mm+76.2mm: space q:Z=174.0mm, ZR=291.7mm, W=366.0um, 1/R=1.509D
215.9mm+6.35mm: ../VIP/SQZIFO/L1/ Lens ROC=350.0mm
222.2mm+146mm: space q:Z=105.1mm, ZR=485.4mm, W=414.9um, 1/R=426.1mD
368.3mm: ../VIP/SQZIFO/M2/ HRMirror
368.3mm+362mm: space q:Z=251.2mm, ZR=485.4mm, W=456.5um, 1/R=840.8mD
730.2mm: ../VIP/SQZIFO/M3/ HRMirror
730.2mm+121mm: space q:Z=613.1mm, ZR=485.4mm, W=653.2um, 1/R=1.003D
850.9mm+6.35mm: ../VIP/SQZIFO/L2/ Lens ROC=500.0mm
857.2mm+76.2mm: space q:Z=127.7mm, ZR=1.585m, W=735.0um, 1/R=50.49mD
933.4mm: ../VIP/SQZIFO/BS1/ Mirror
933.4mm+102mm: space q:Z=203.9mm, ZR=1.585m, W=738.7um, 1/R=79.83mD
1.035m: ../VIP/SQZIFO/M4/ HRMirror
1.035m+1.09m: space q:Z=305.5mm, ZR=1.585m, W=746.2um, 1/R=117.2mD
2.129m: ../FDS/ZM4/ HRMirror ROC=13.33m, AOI=15.5deg
2.129m+1.68m: space q:Z=1.365m, ZR=1.058m, W=977.2um, 1/R=457.6mD
3.810m: ../FDS/ZM5/ HRMirror ROC=-3.400m, AOI=5.00deg
3.810m+4.69m: space q:Z=-3.045m, ZR=1.057m, W=1.825mm, 1/R=-293.1mD
Path [in]
2σ intensity ø 2w(z) [mm]
(nominal)
LIGO/IFO/ASqT1200410
LIGO/FDS/MM_ZM4
LHO (ZM2 @ 0mD)
LHO (ZM2 @ 50mD)
LHO (ZM2 @ -50mD)
61300 1stSec
61604 Sec2
61604 1stSec ZM2@100V
61604 1stSec ZM2@180V
61604 1stSec ZM2@90V
iROC [1/m]
Gouy Phase [deg]
Self X:Y Loss Overlap [% pwr]
Path [m]
6.855m: waist Ø: 1.197mm, ZR: 1.057m
8.500m: ../FDS/ZM6/ HRMirror