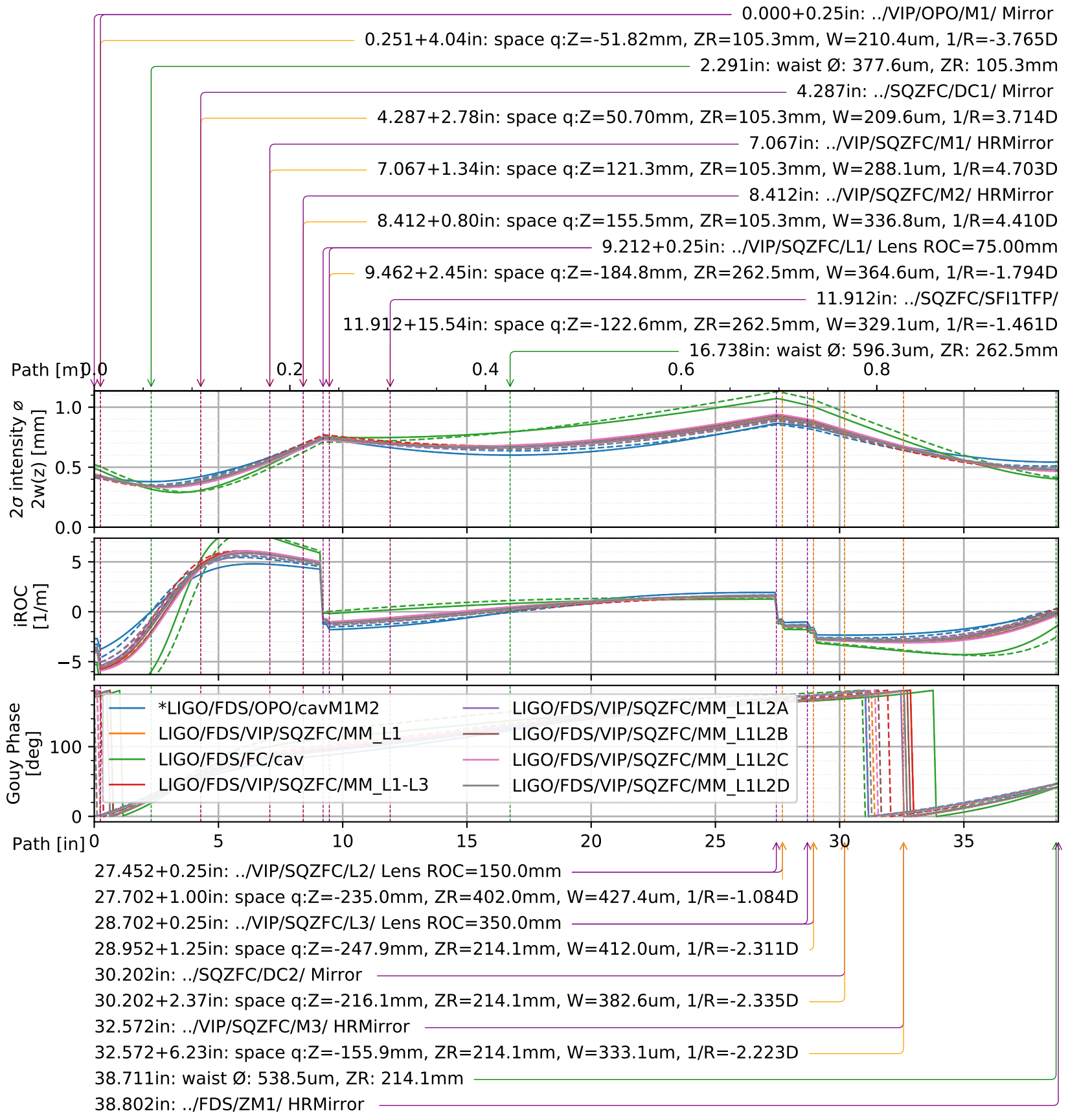
0.000+0.25in: ../VIP/OPO/M1/ Mirror
0.251+4.04in: space q:Z=-51.82mm, ZR=105.3mm, W=210.4um, 1/R=-3.765D
2.291in: waist Ø: 377.6um, ZR: 105.3mm
4.287in: ../SQZFC/DC1/ Mirror
4.287+2.78in: space q:Z=50.70mm, ZR=105.3mm, W=209.6um, 1/R=3.714D
7.067in: ../VIP/SQZFC/M1/ HRMirror
7.067+1.34in: space q:Z=121.3mm, ZR=105.3mm, W=288.1um, 1/R=4.703D
8.412in: ../VIP/SQZFC/M2/ HRMirror
8.412+0.80in: space q:Z=155.5mm, ZR=105.3mm, W=336.8um, 1/R=4.410D
9.212+0.25in: ../VIP/SQZFC/L1/ Lens ROC=75.00mm
9.462+2.45in: space q:Z=-184.8mm, ZR=262.5mm, W=364.6um, 1/R=-1.794D
11.912in: ../SQZFC/SFI1TFP/
11.912+15.54in: space q:Z=-122.6mm, ZR=262.5mm, W=329.1um, 1/R=-1.461D
16.738in: waist Ø: 596.3um, ZR: 262.5mm
Path [m]
0.0
0.2
0.4
0.6
0.8
2σ intensity ⌀
2w(z) [mm]
1.0
0.5
0.0
iROC
[1/m]
5
0
−5
Gouy Phase
[deg]
100
0
*LIGO/FDS/OPO/cavM1M2
LIGO/FDS/VIP/SQZFC/MM_L1
LIGO/FDS/FC/cav
LIGO/FDS/VIP/SQZFC/MM_L1-L3
LIGO/FDS/VIP/SQZFC/MM_L1L2A
LIGO/FDS/VIP/SQZFC/MM_L1L2B
LIGO/FDS/VIP/SQZFC/MM_L1L2C
LIGO/FDS/VIP/SQZFC/MM_L1L2D
Path [in]
0
5
10
15
20
25
30
35
27.452+0.25in: ../VIP/SQZFC/L2/ Lens ROC=150.0mm
27.702+1.00in: space q:Z=-235.0mm, ZR=402.0mm, W=427.4um, 1/R=-1.084D
28.702+0.25in: ../VIP/SQZFC/L3/ Lens ROC=350.0mm
28.952+1.25in: space q:Z=-247.9mm, ZR=214.1mm, W=412.0um, 1/R=-2.311D
30.202in: ../SQZFC/DC2/ Mirror
30.202+2.37in: space q:Z=-216.1mm, ZR=214.1mm, W=382.6um, 1/R=-2.335D
32.572in: ../VIP/SQZFC/M3/ HRMirror
32.572+6.23in: space q:Z=-155.9mm, ZR=214.1mm, W=333.1um, 1/R=-2.223D
38.711in: waist Ø: 538.5um, ZR: 214.1mm
38.802in: ../FDS/ZM1/ HRMirror