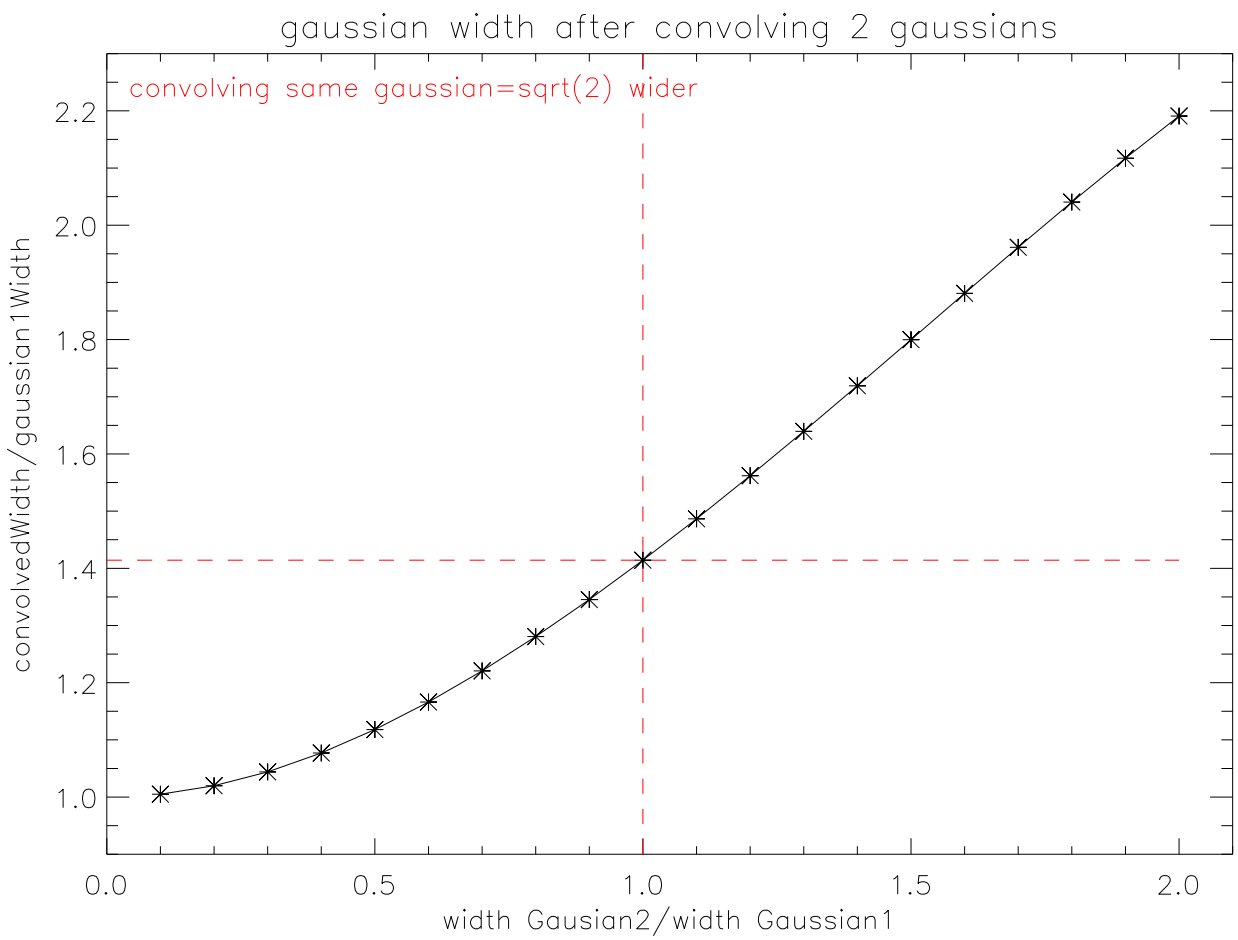
gaussian width after convolving 2 gaussians
convolving same gaussian=sqrt(2) wider
convolvedWidth/gaussian1Width
width Gausian2/width Gaussian1
1.0
1.2
1.4
1.6
1.8
2.0
2.2
0.0
0.5
1.0
1.5
2.0