

$\text{HSO}_4^- - \text{SO}_4^{2-}$ system

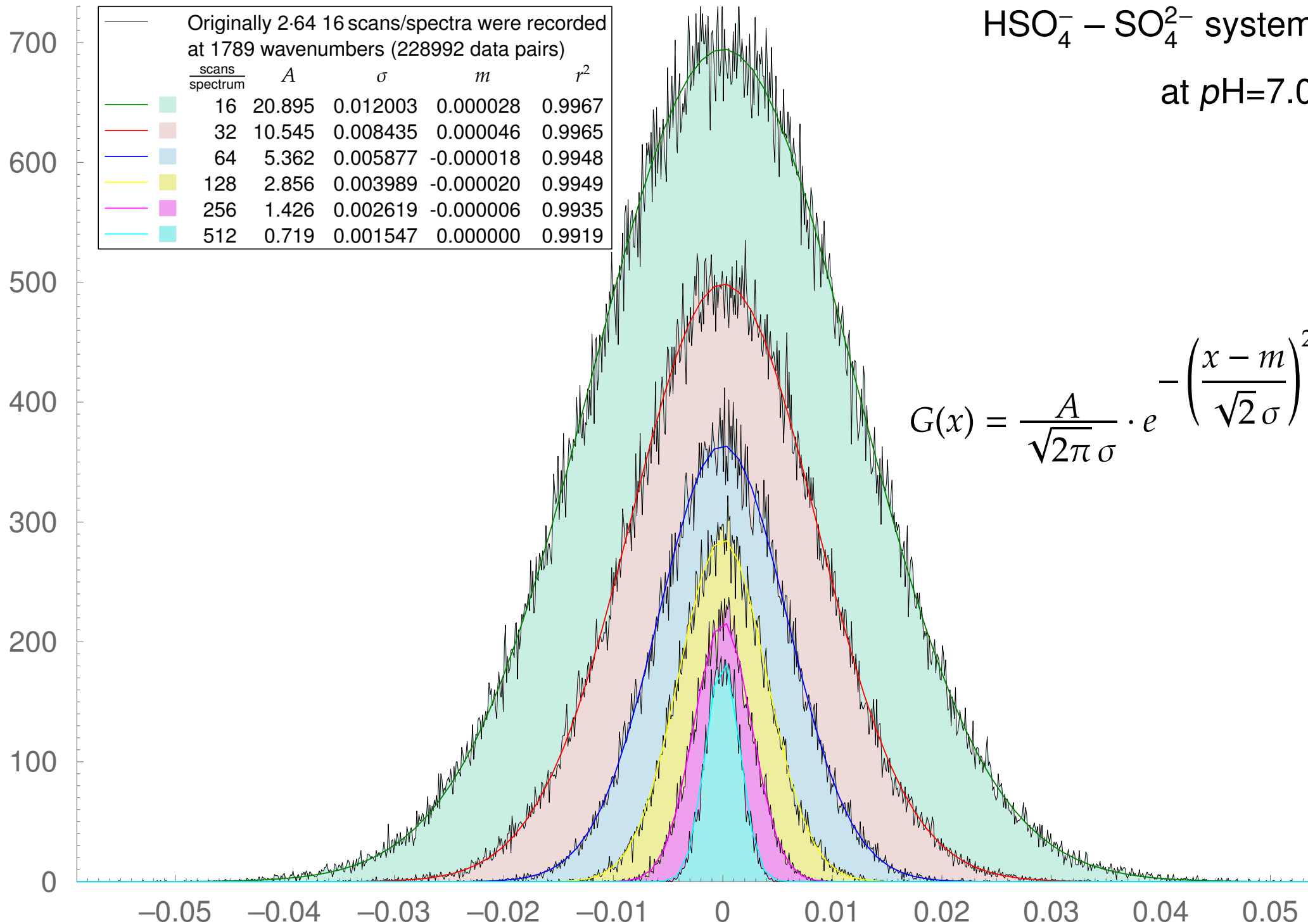
at pH=7.0

Counts with Gaussian fit

Originally 2-64 16 scans/spectra were recorded at 1789 wavenumbers (228992 data pairs)

	$\frac{\text{scans}}{\text{spectrum}}$	A	σ	m	r^2
—	16	20.895	0.012003	0.000028	0.9967
—	32	10.545	0.008435	0.000046	0.9965
—	64	5.362	0.005877	-0.000018	0.9948
—	128	2.856	0.003989	-0.000020	0.9949
—	256	1.426	0.002619	-0.000006	0.9935
—	512	0.719	0.001547	0.000000	0.9919

$$G(x) = \frac{A}{\sqrt{2\pi}\sigma} \cdot e^{-\left(\frac{x-m}{\sqrt{2}\sigma}\right)^2}$$



Uncertainties of FT-Raman-intensities of 2048 scans between 50–3500 cm^{-1}