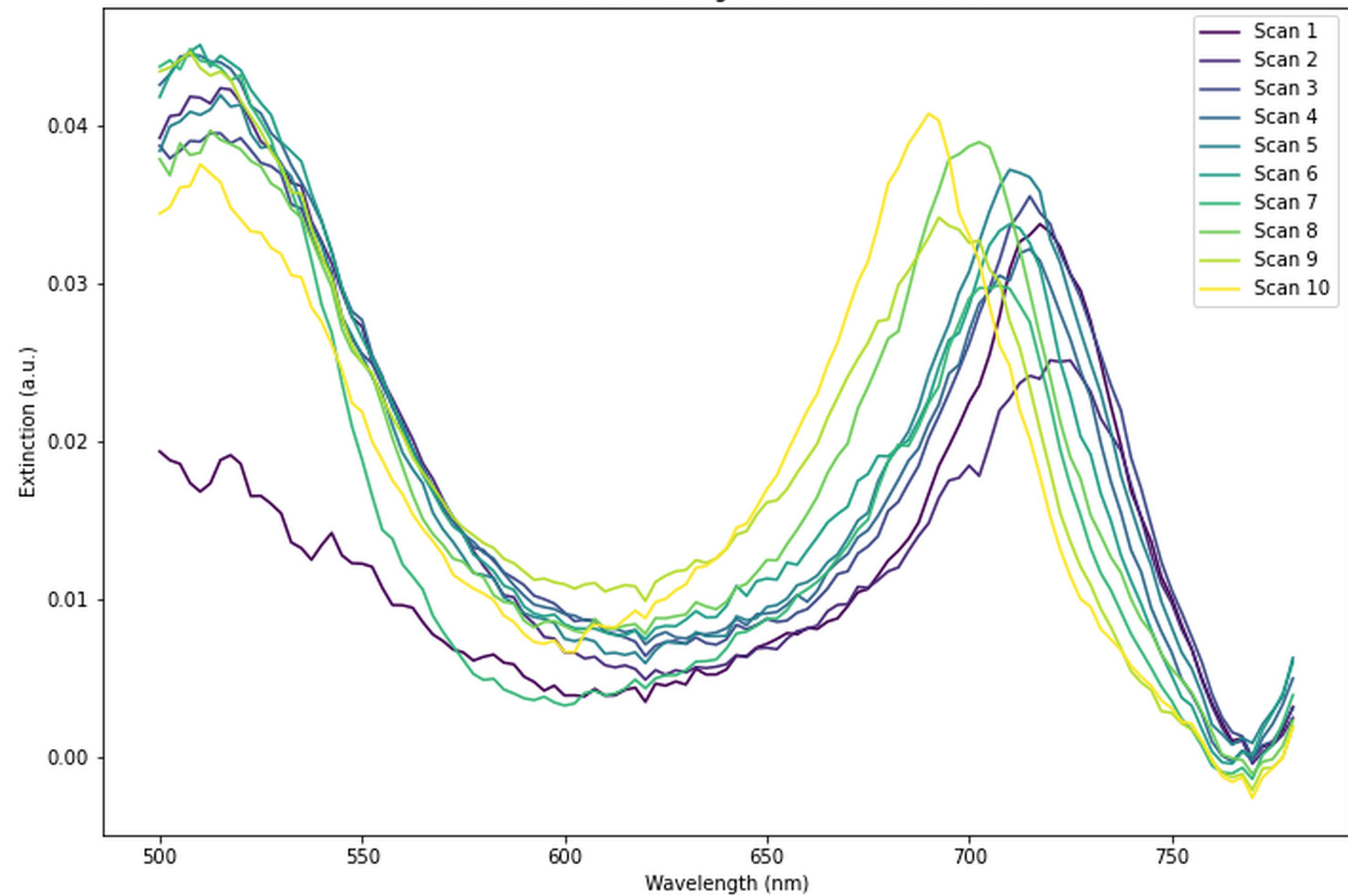
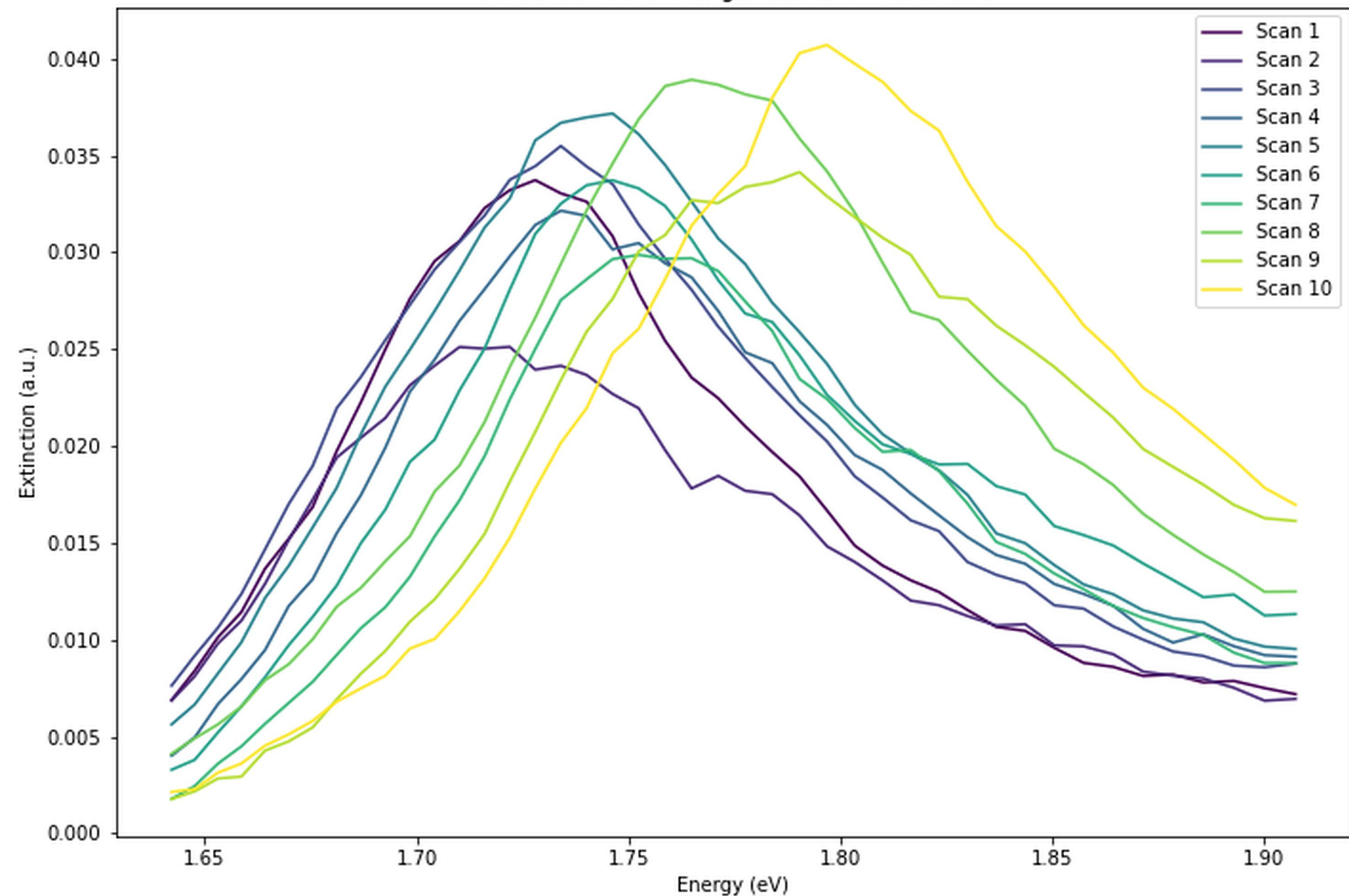


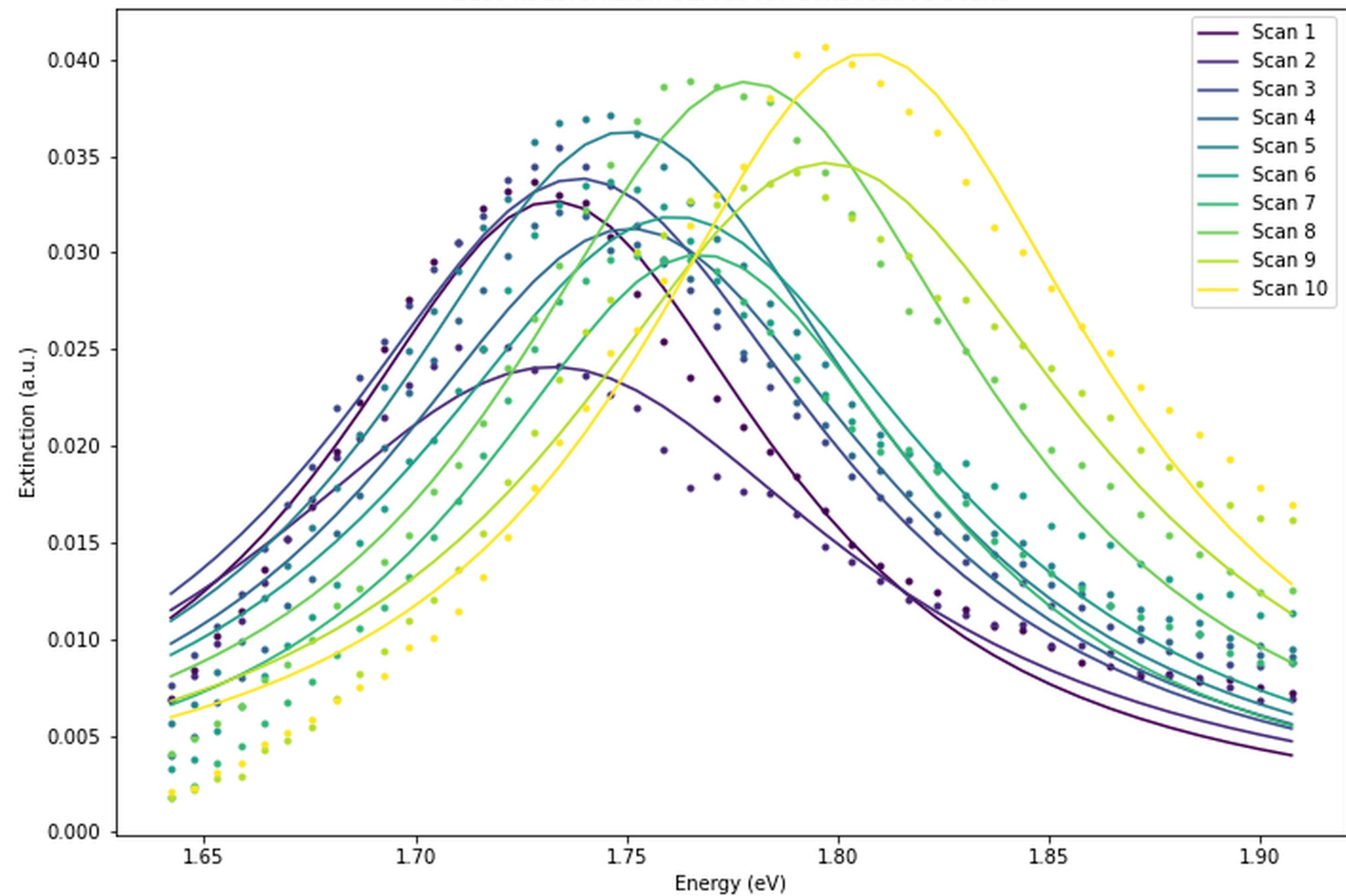
Consecutive Wavelength Scans on Nanocube



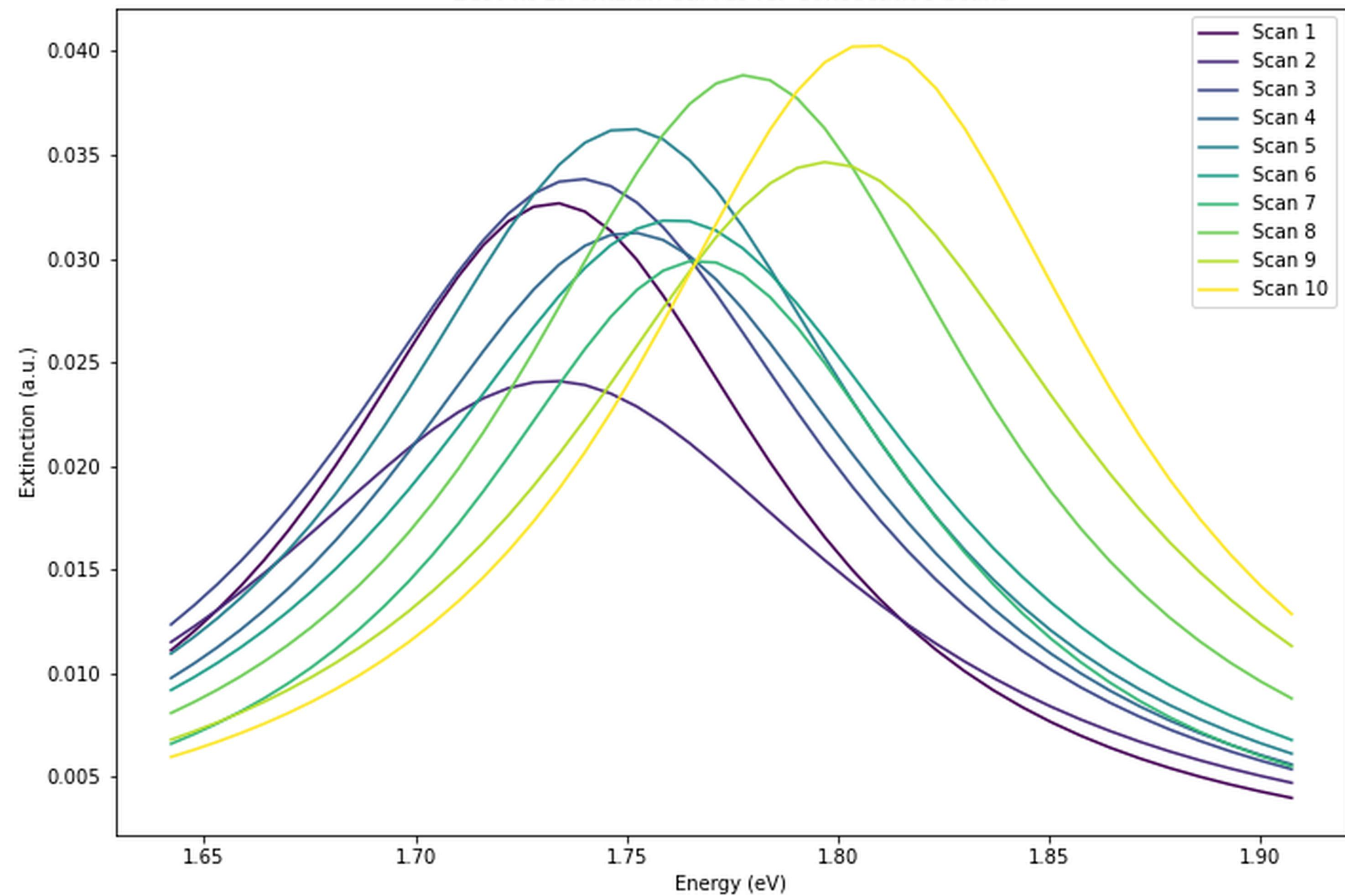
Consecutive Wavelength Scans on Nanocube



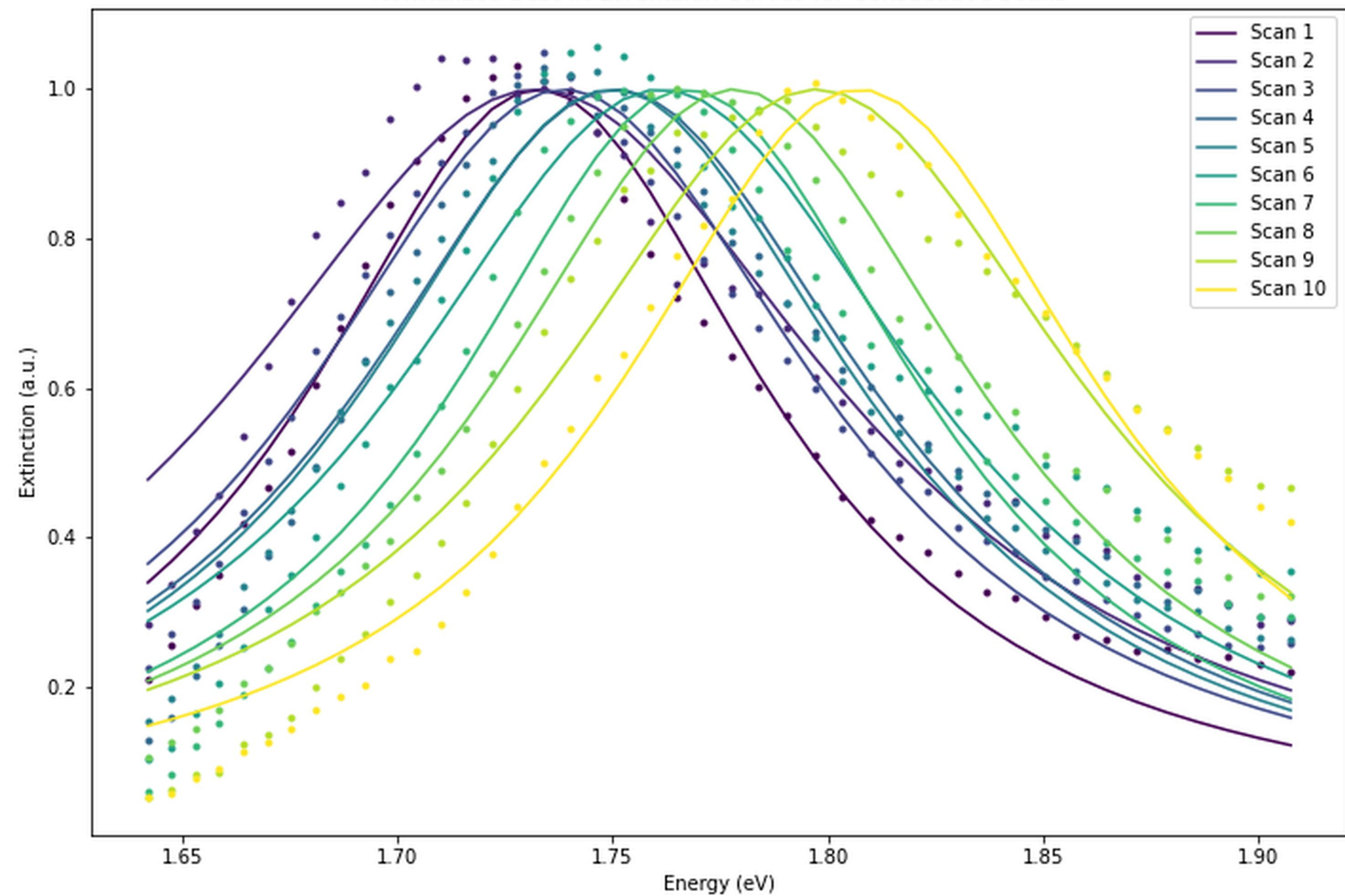
Best-fit Lorentzian Curves for Consecutive Scans



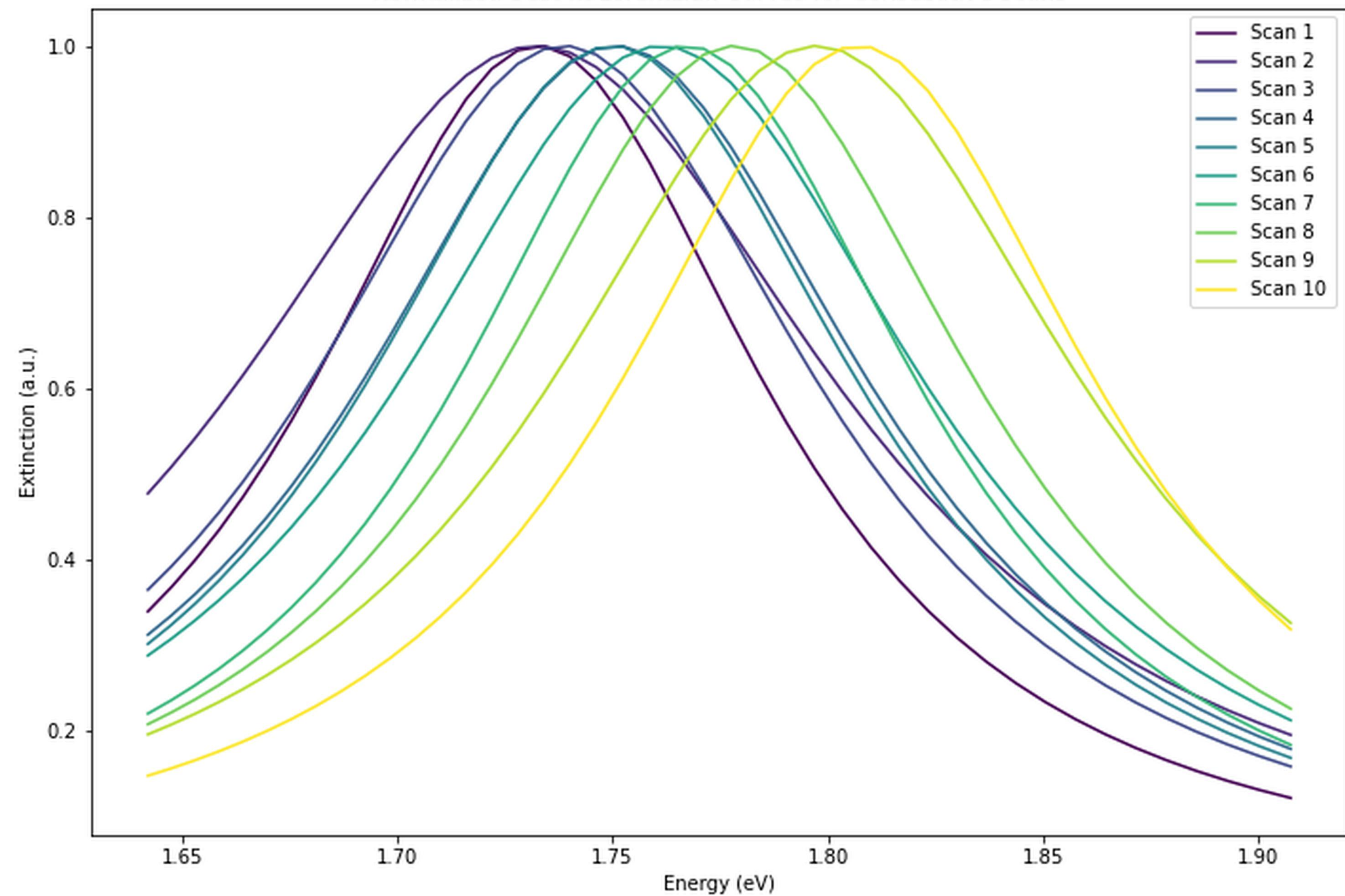
Best-fit Lorentzian Curves for Consecutive Scans



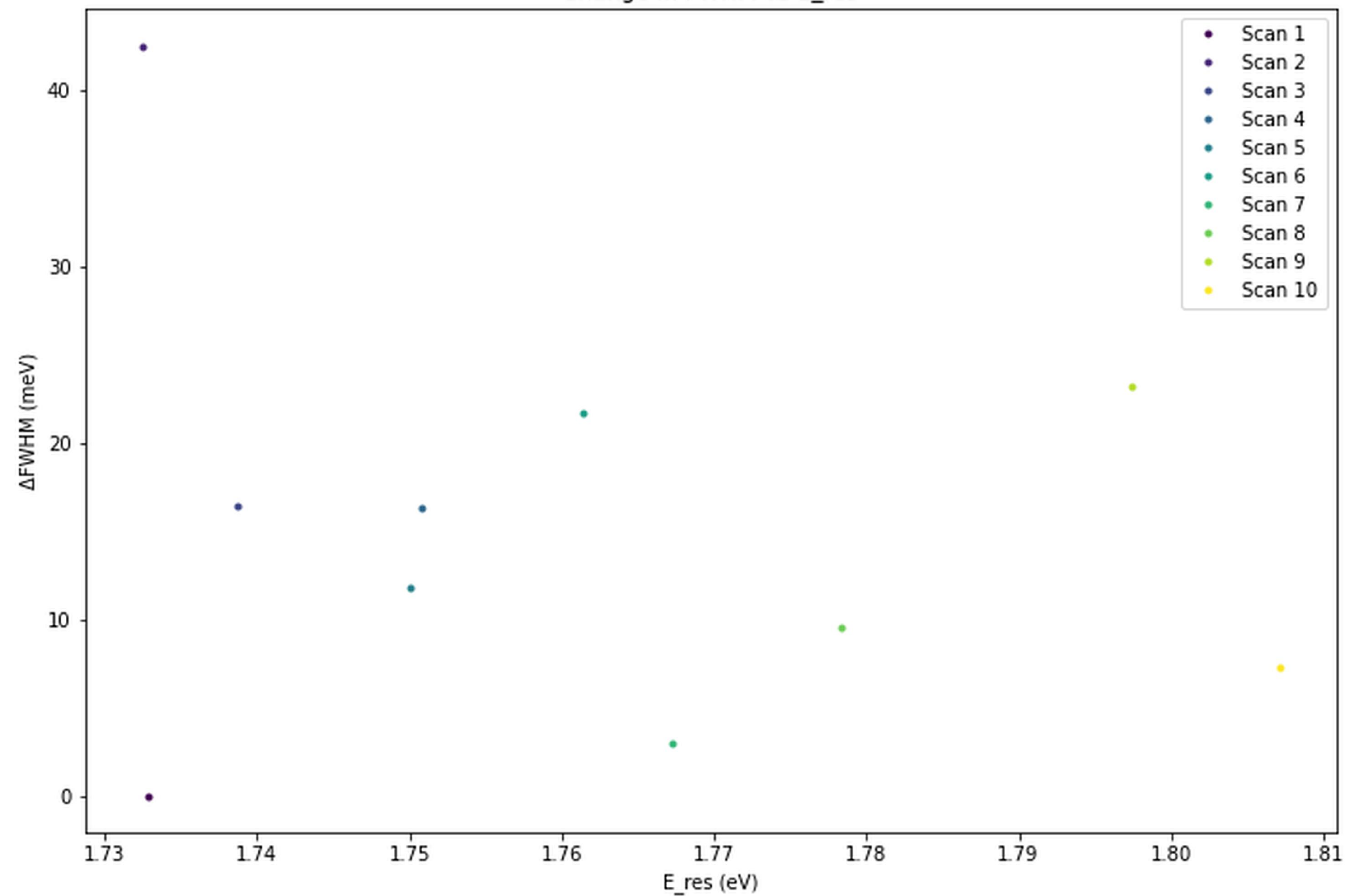
Normalized Best-fit Lorentzian Curves for Consecutive Scans



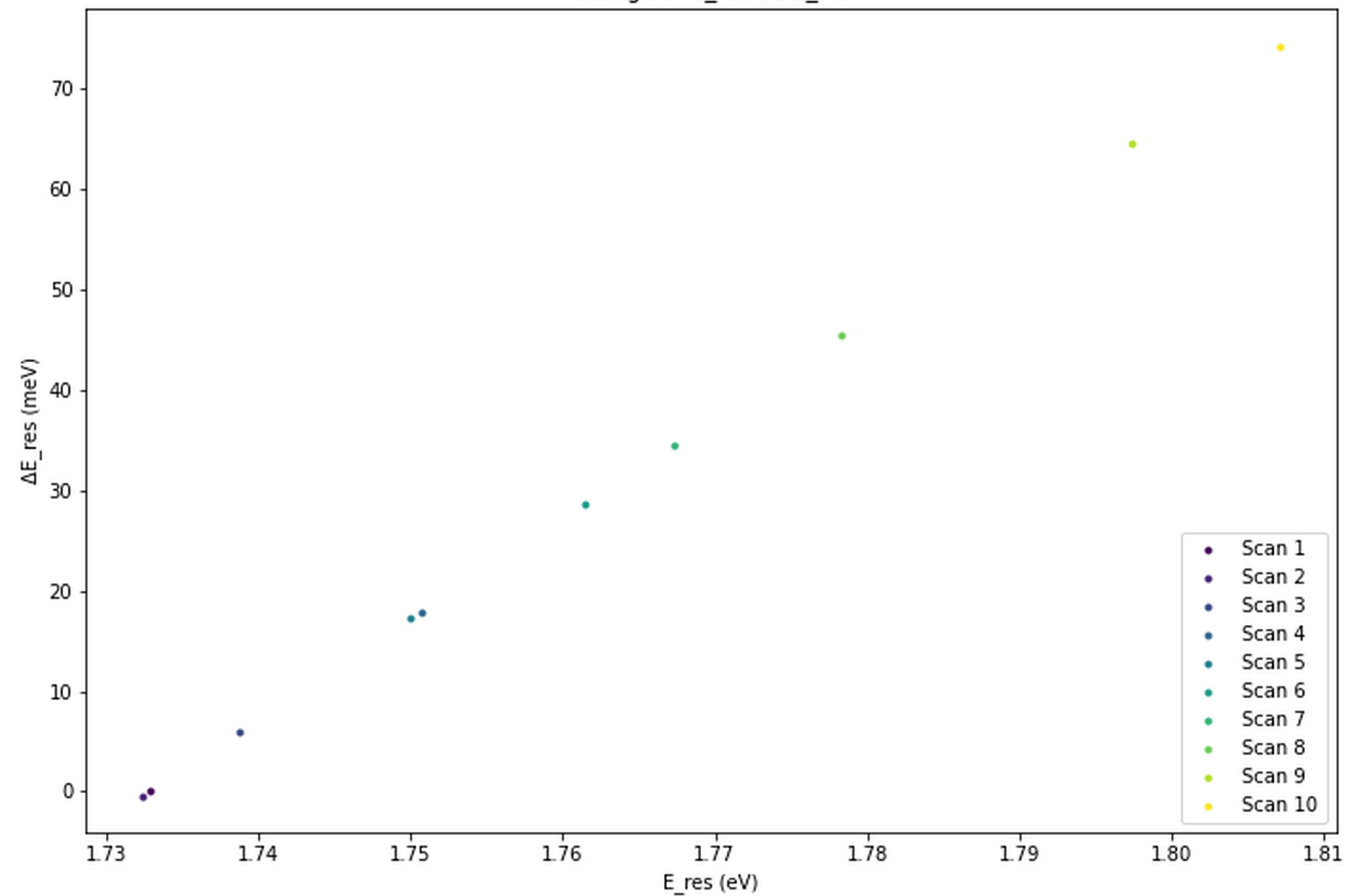
Normalized Best-fit Lorentzian Curves for Consecutive Scans



Change in FWHM vs E_res



Change in E_res vs E_res



Scan no.	FWHM (eV)	Δ FWHM (meV)	E_res (eV)	Δ E_res (meV)	h_peak (a.u.)
1	0.1299	0.0000	1.7328	0.0000	0.0327
2	0.1724	42.4778	1.7324	-0.3949	0.0241
3	0.1463	16.3927	1.7387	5.9443	0.0338
4	0.1463	16.3442	1.7507	17.9328	0.0313
5	0.1417	11.7528	1.7500	17.2166	0.0363
6	0.1517	21.7167	1.7614	28.6154	0.0319
7	0.1329	2.9923	1.7673	34.4895	0.0299
8	0.1394	9.5031	1.7784	45.5542	0.0388
9	0.1531	23.2088	1.7974	64.5580	0.0347
10	0.1372	7.2526	1.8071	74.2891	0.0403

$\Delta\text{FWHM_cube}$ (meV)	$\Delta\text{E_res_cube}$ (meV)
7.2526	74.2891