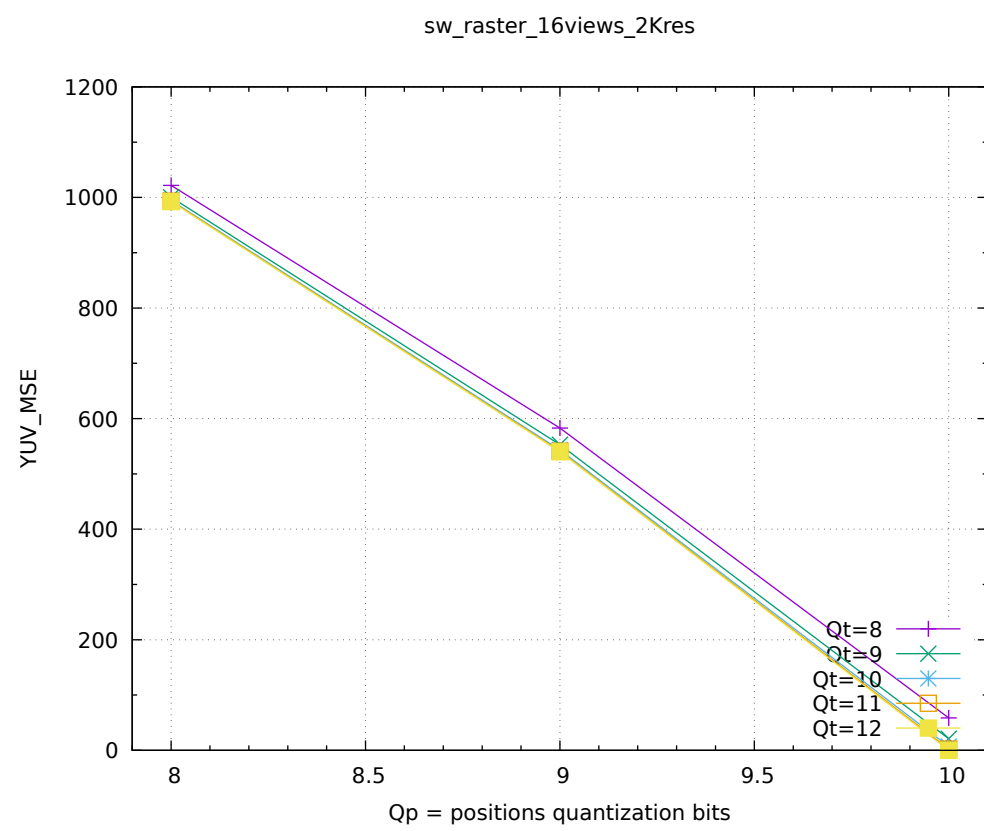
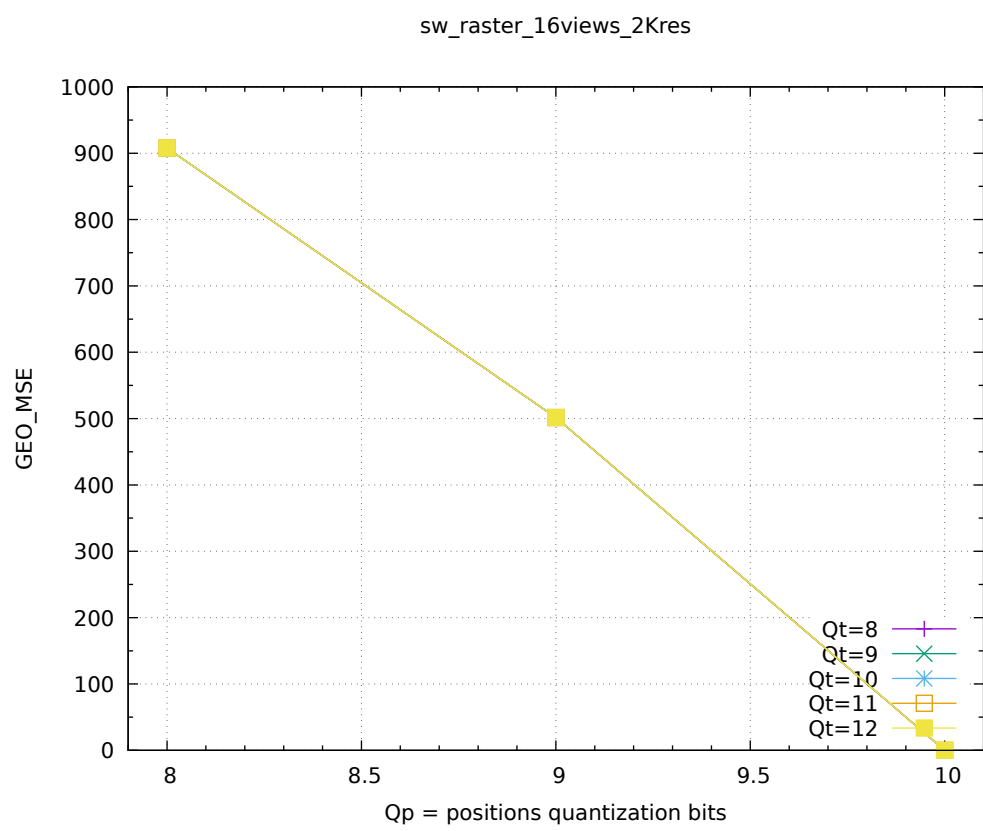
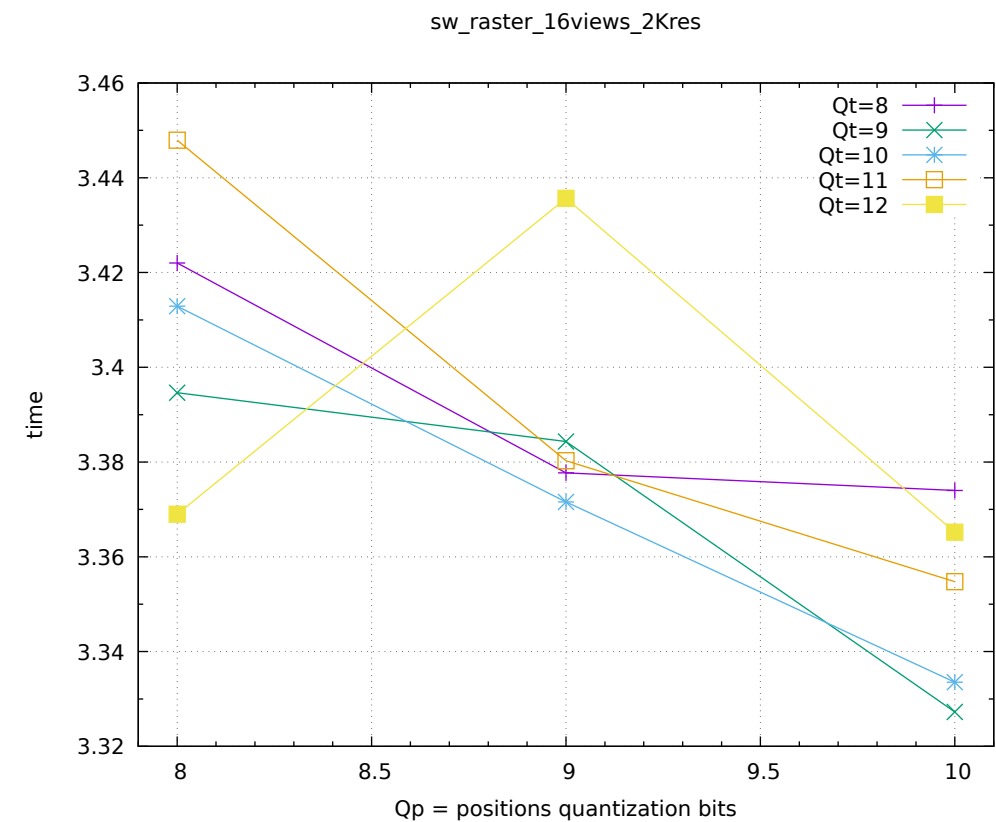
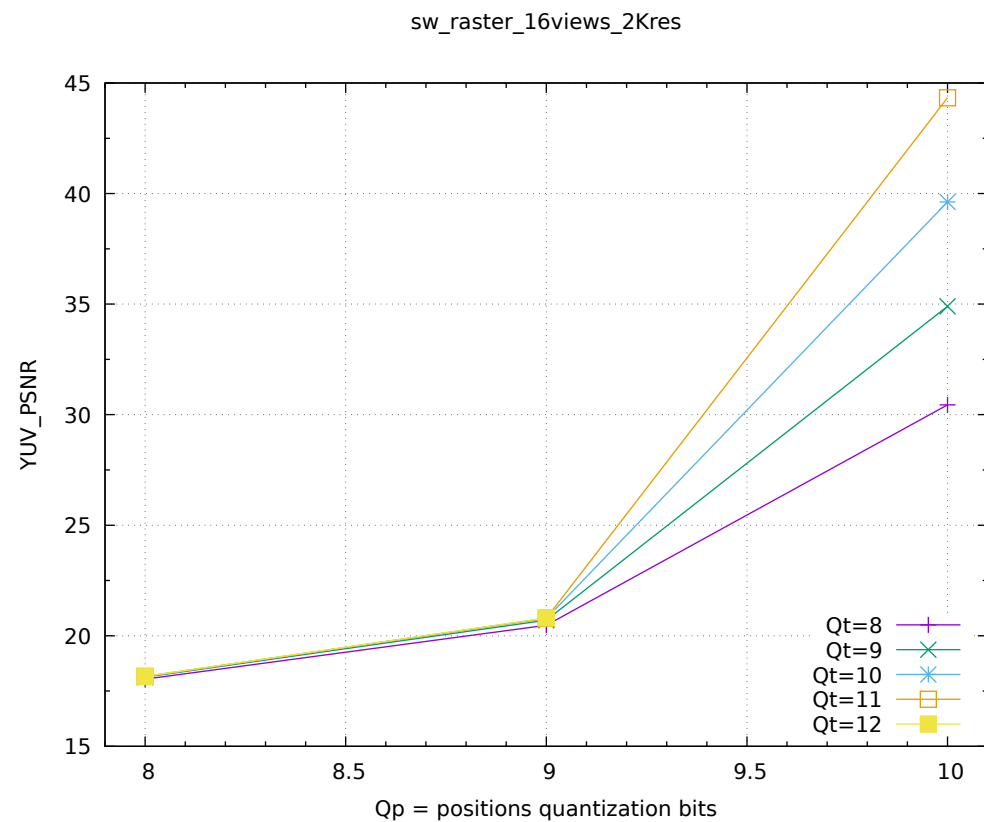
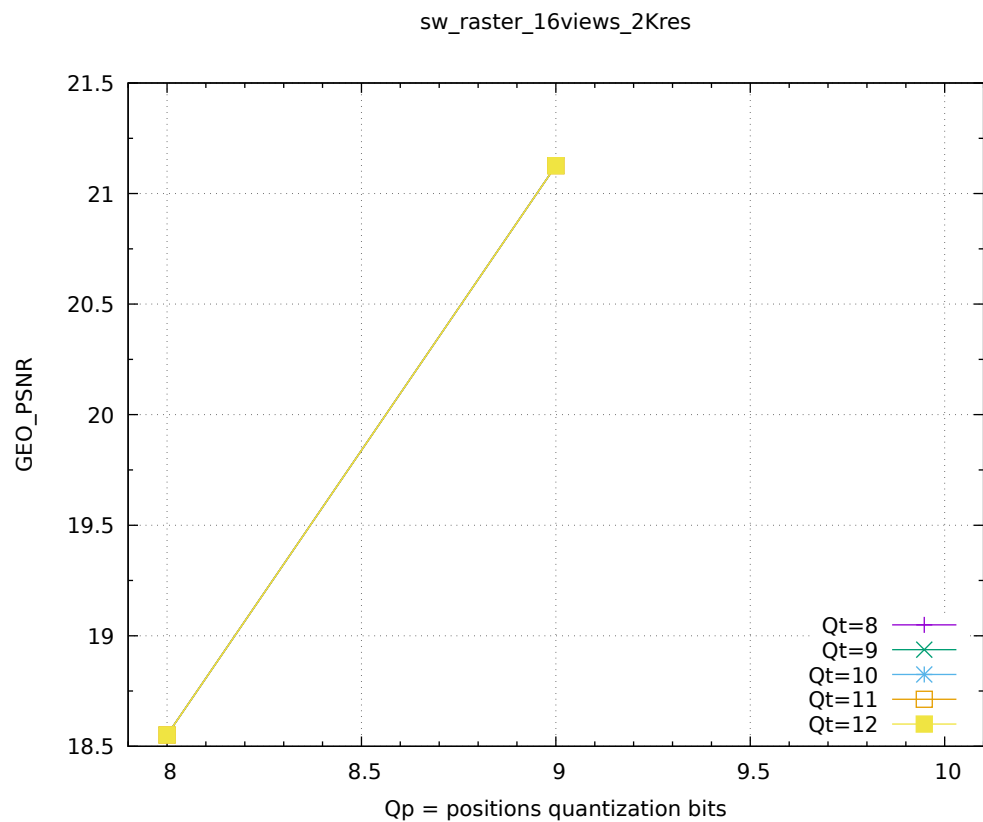


distortion= mm quantize/dequantize

metric software = merror

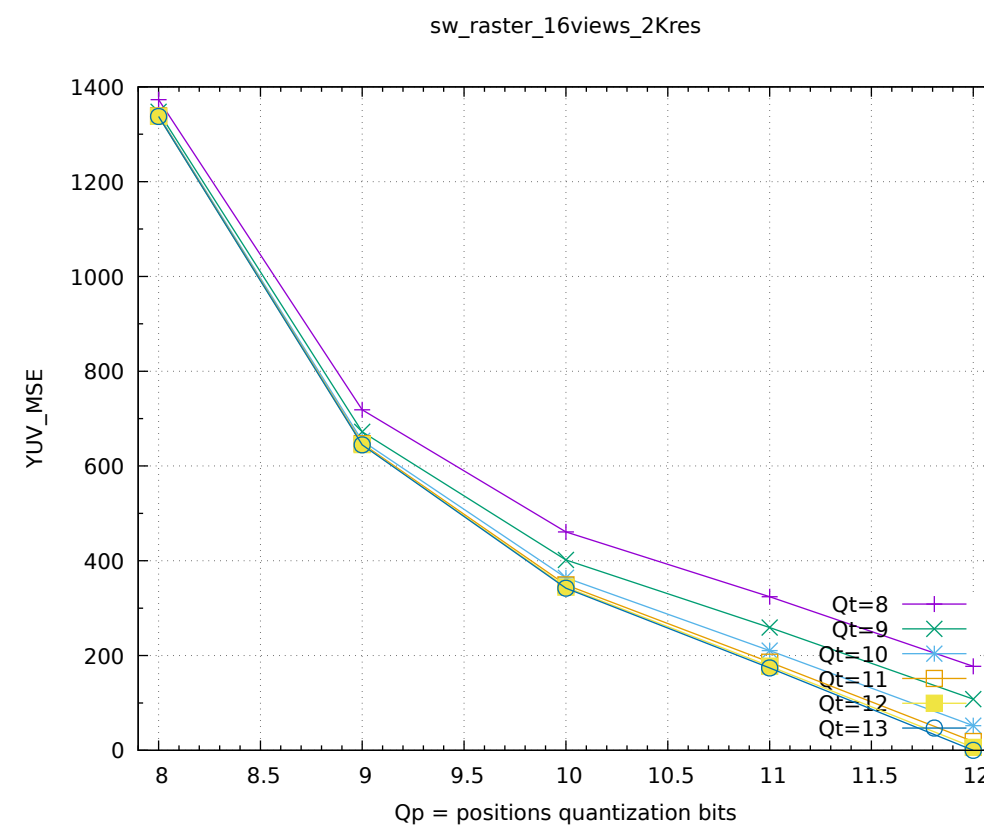
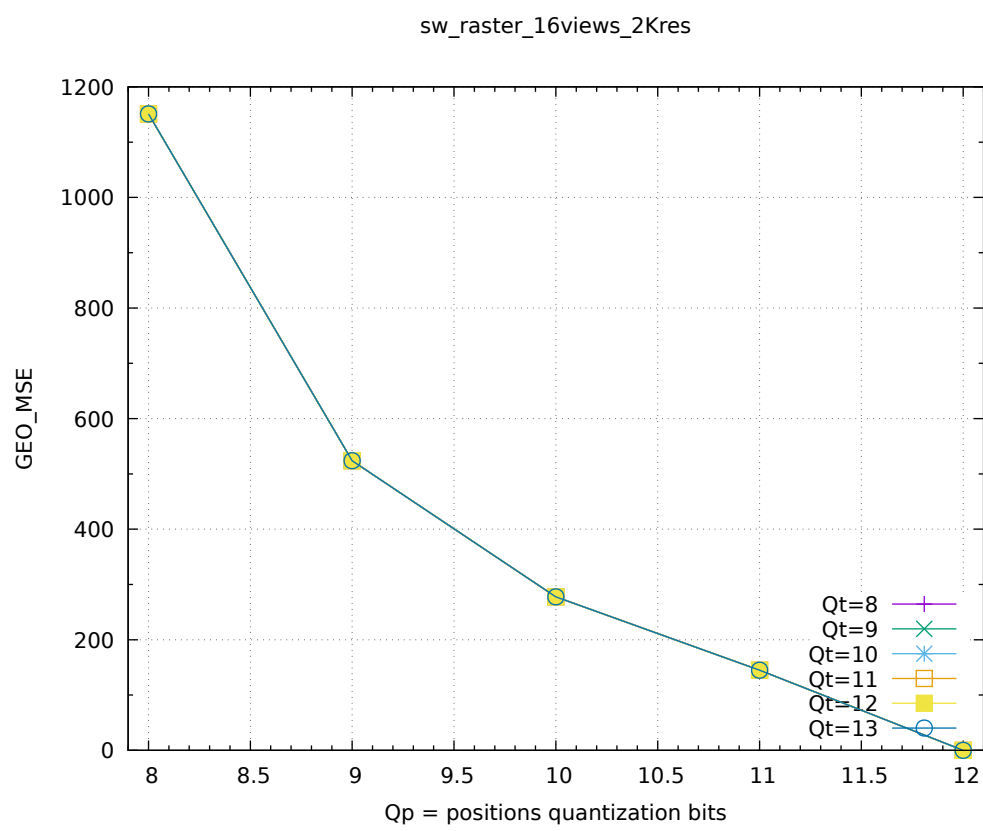
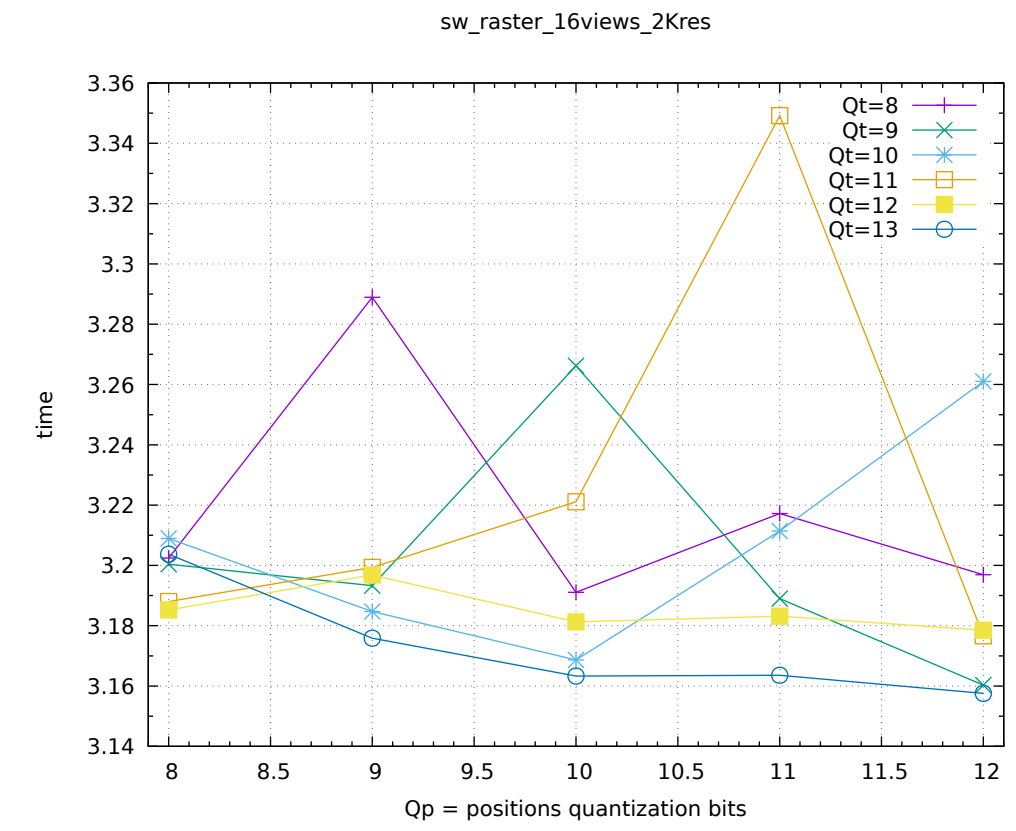
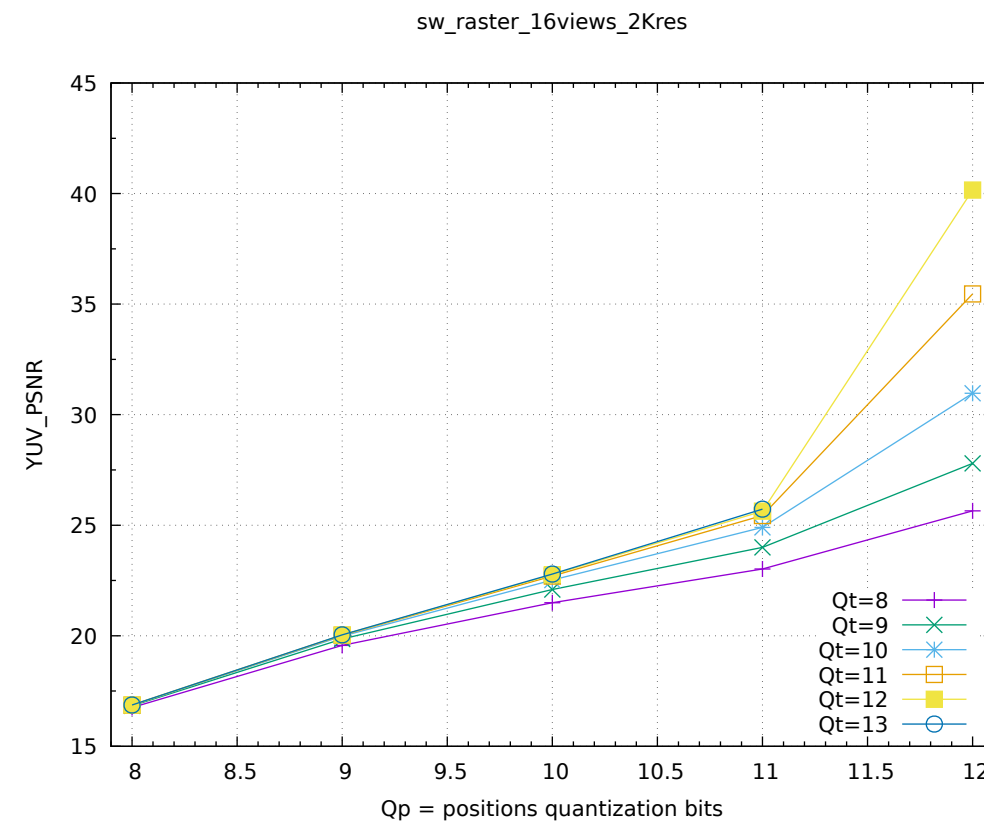
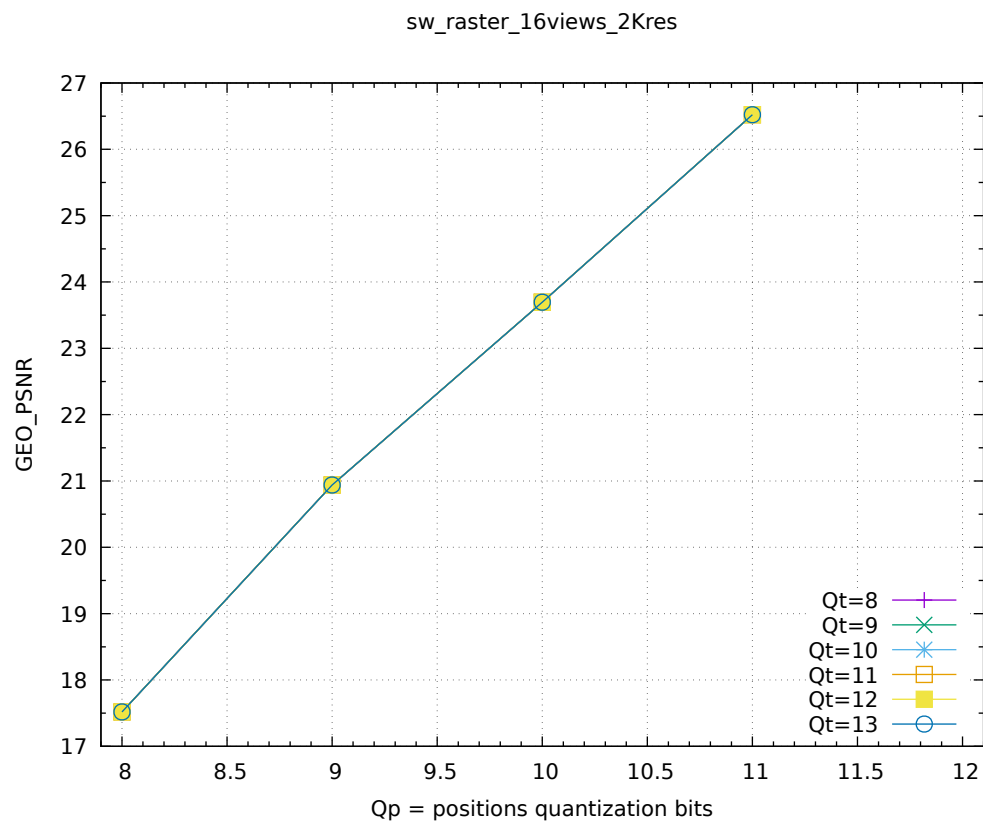
ibsm = f(QP , nbviews=16, resolution=2K)

ibsm = f(Qp) - soldier_fr0536



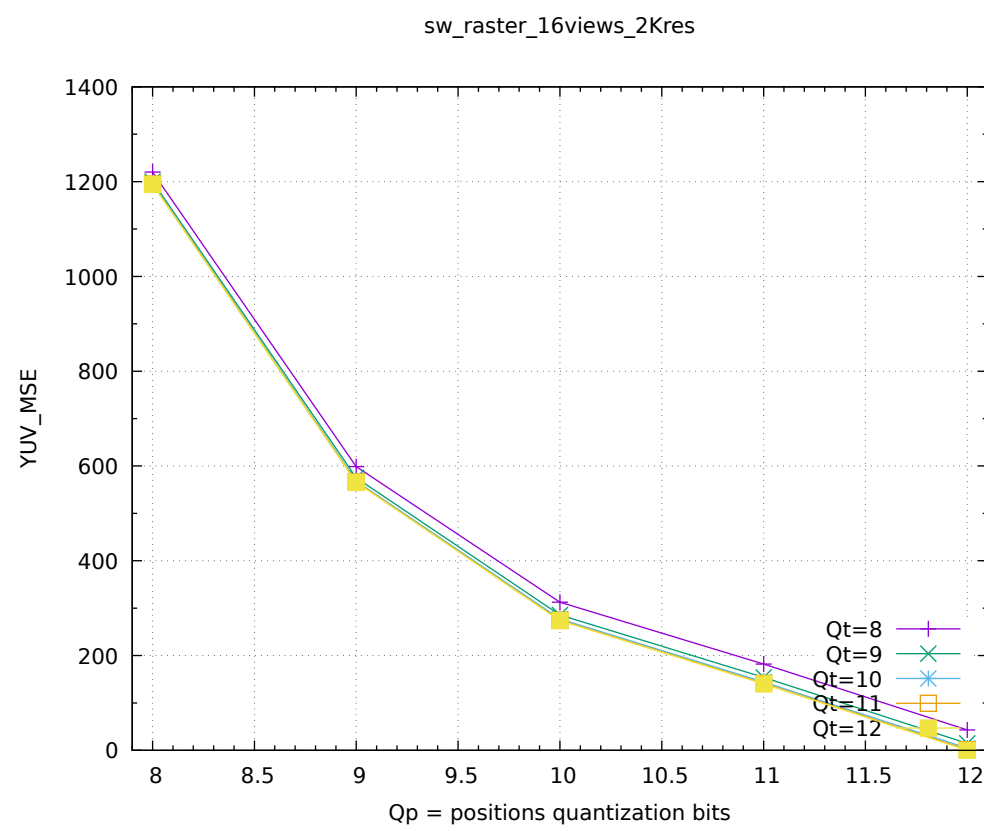
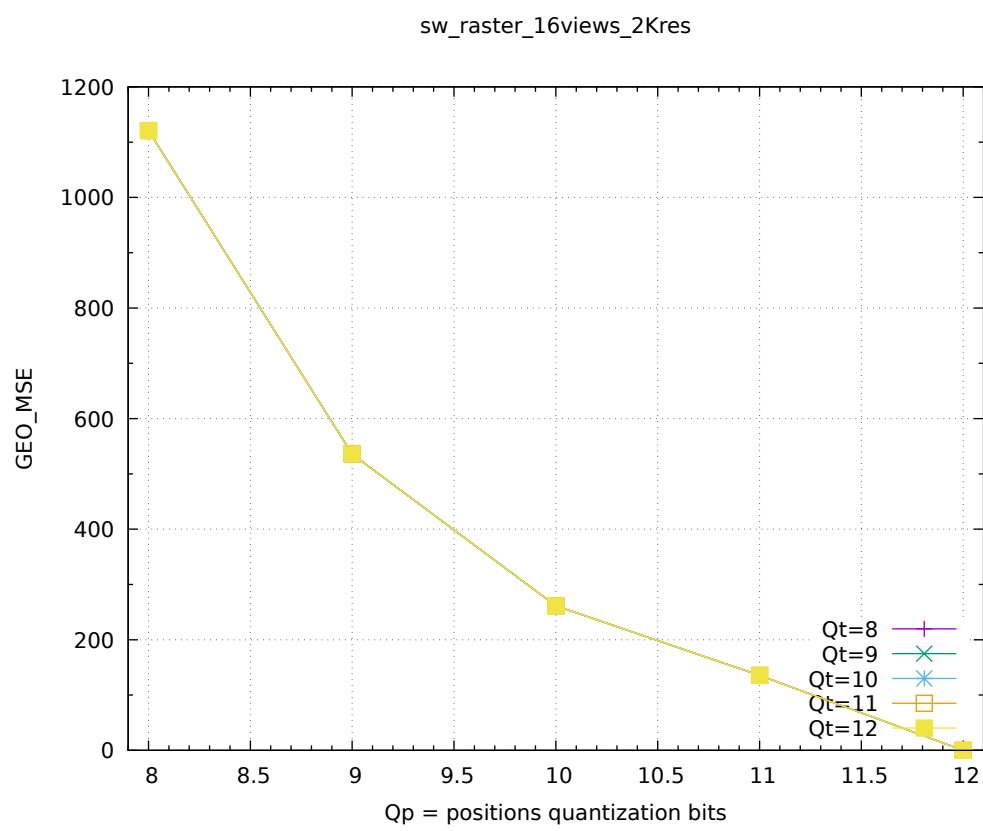
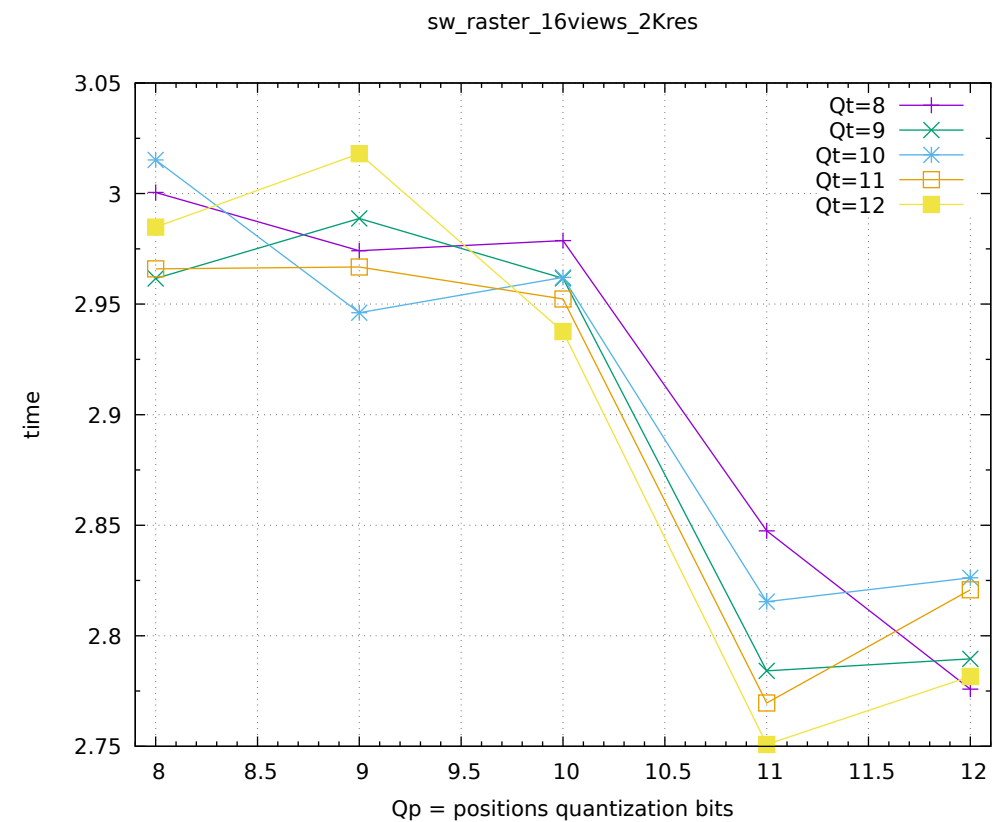
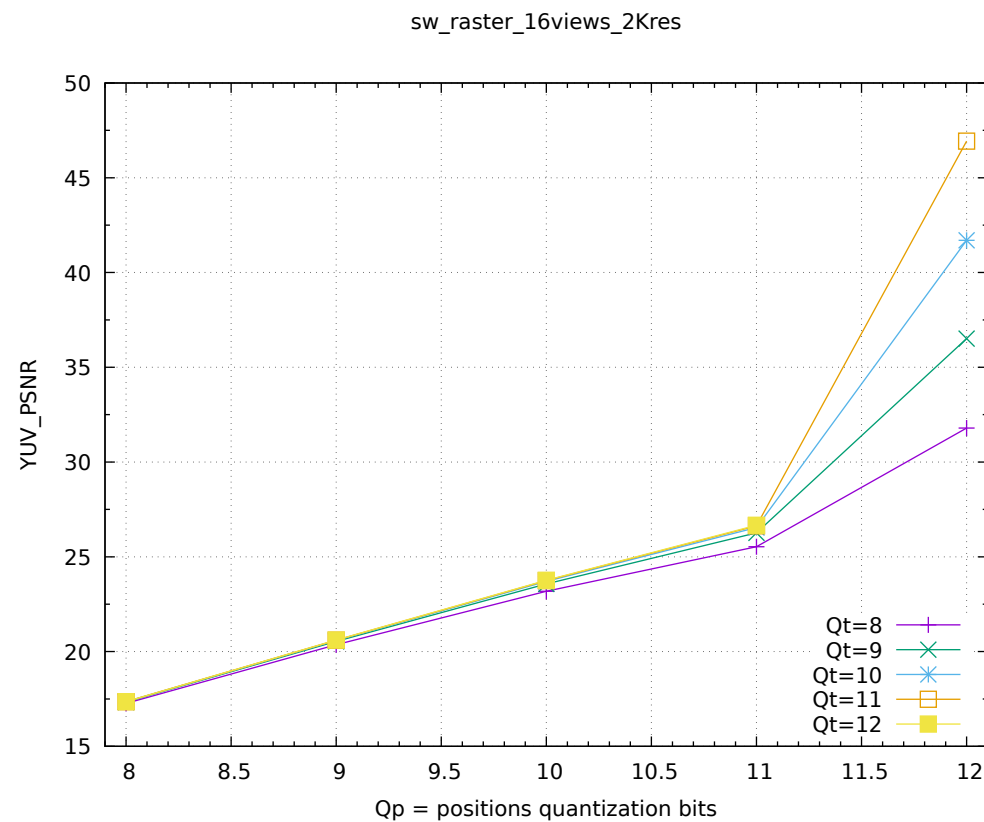
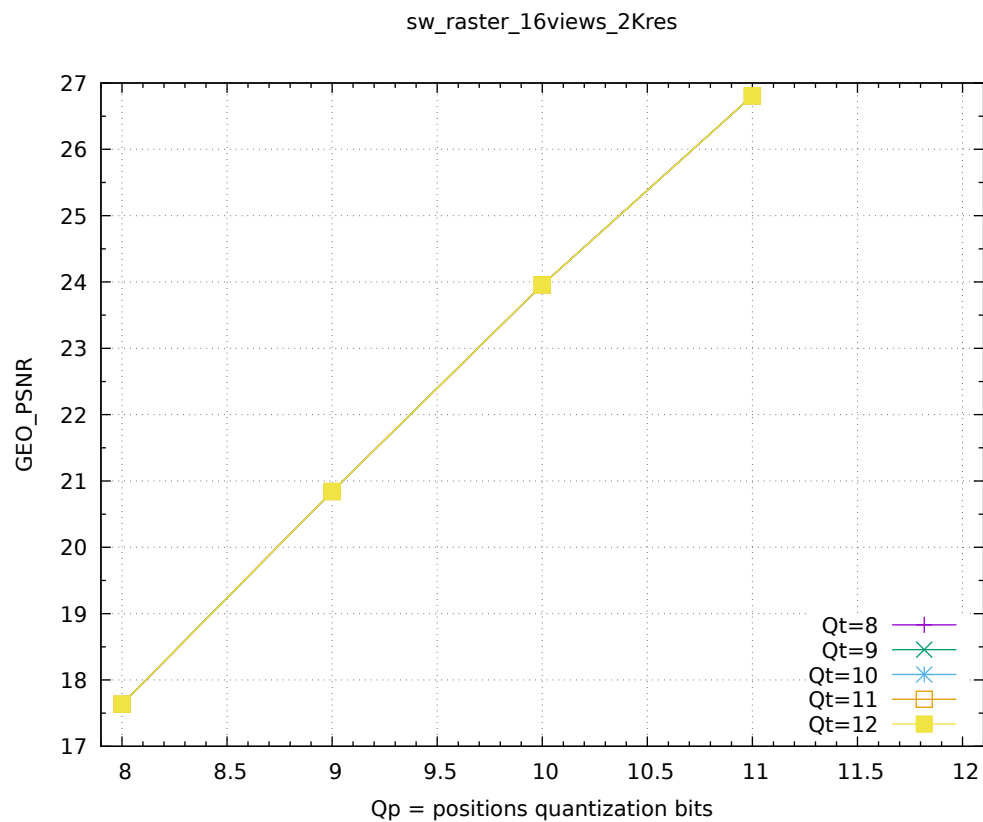
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
10	12	inf	inf	0.0000	0.0000	3.3652
10	11	inf	44.2784	0.0000	2.4279	3.3548
10	10	inf	39.5942	0.0000	7.1394	3.3335
10	9	inf	34.8820	0.0000	21.1290	3.3273
10	8	inf	30.4221	0.0000	59.0031	3.3740
9	12	21.1264	20.8036	501.6982	540.4117	3.4357
9	11	21.1264	20.7947	501.6982	541.5159	3.3803
9	10	21.1264	20.7768	501.6982	543.7521	3.3716
9	9	21.1264	20.7017	501.6982	553.2316	3.3843
9	8	21.1264	20.4694	501.6982	583.6312	3.3777
8	12	18.5511	18.1605	907.7509	993.1825	3.3690
8	11	18.5511	18.1564	907.7509	994.1267	3.4479
8	10	18.5511	18.1505	907.7509	995.4777	3.4129
8	9	18.5511	18.1256	907.7509	1001.2037	3.3946
8	8	18.5511	18.0328	907.7509	1022.8193	3.4220

$$\text{ibsm} = f(Q_p) - \text{mitch_fr0001}$$



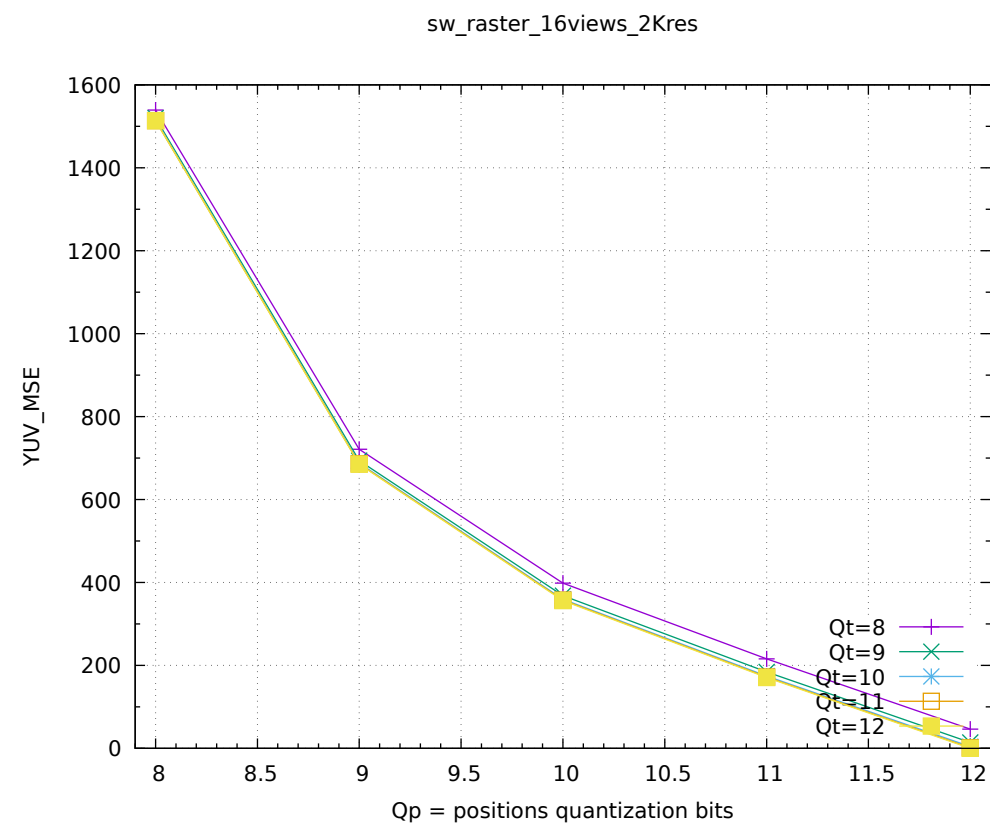
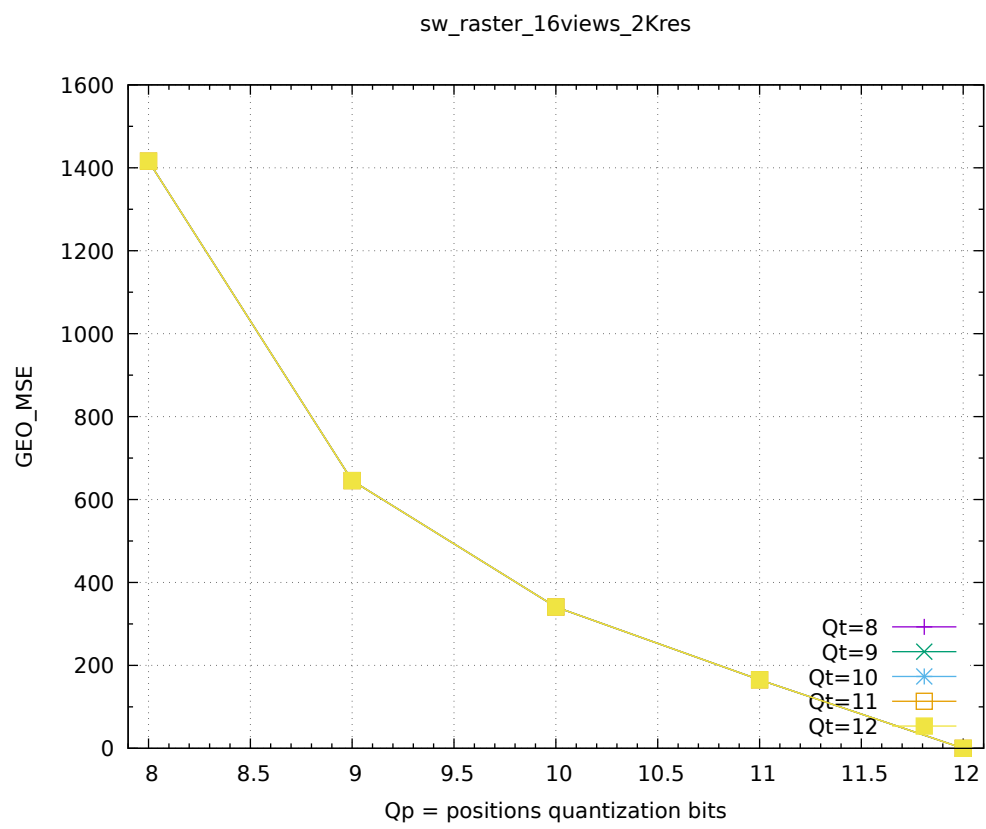
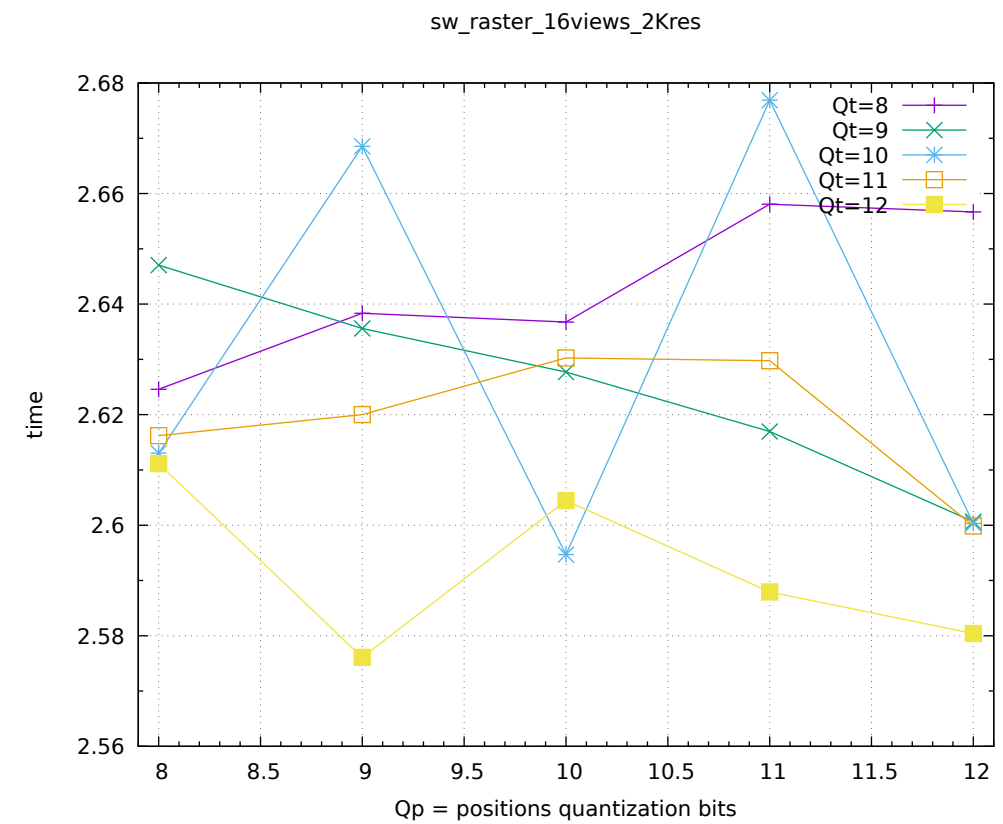
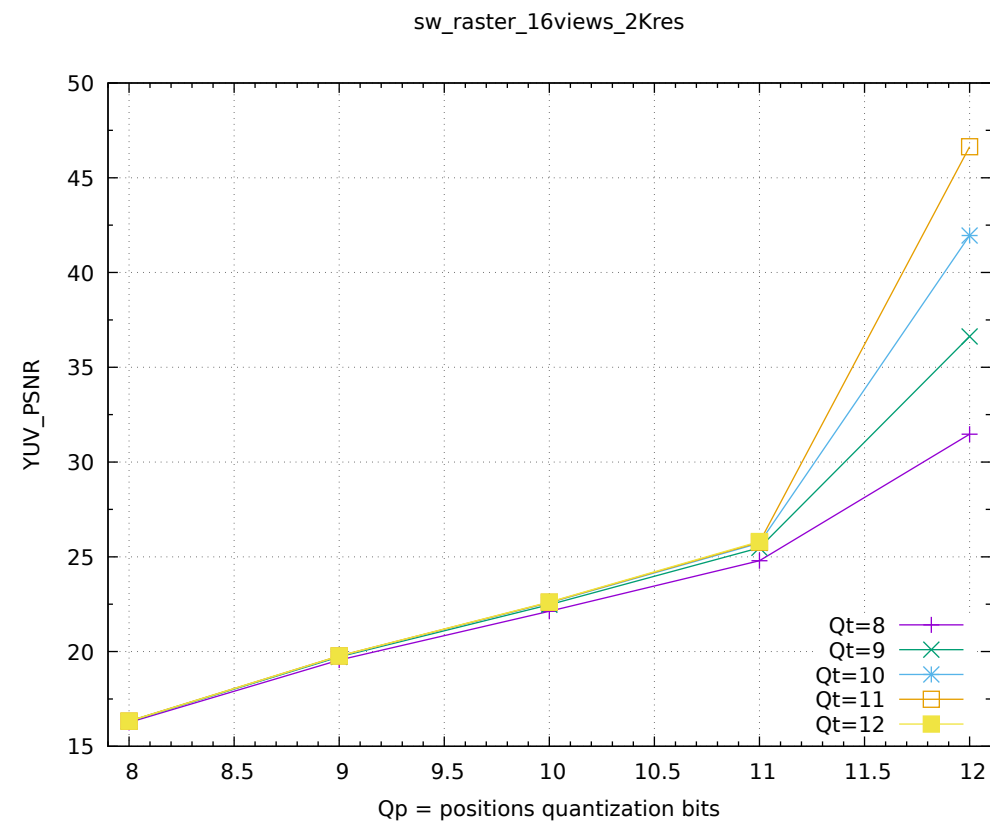
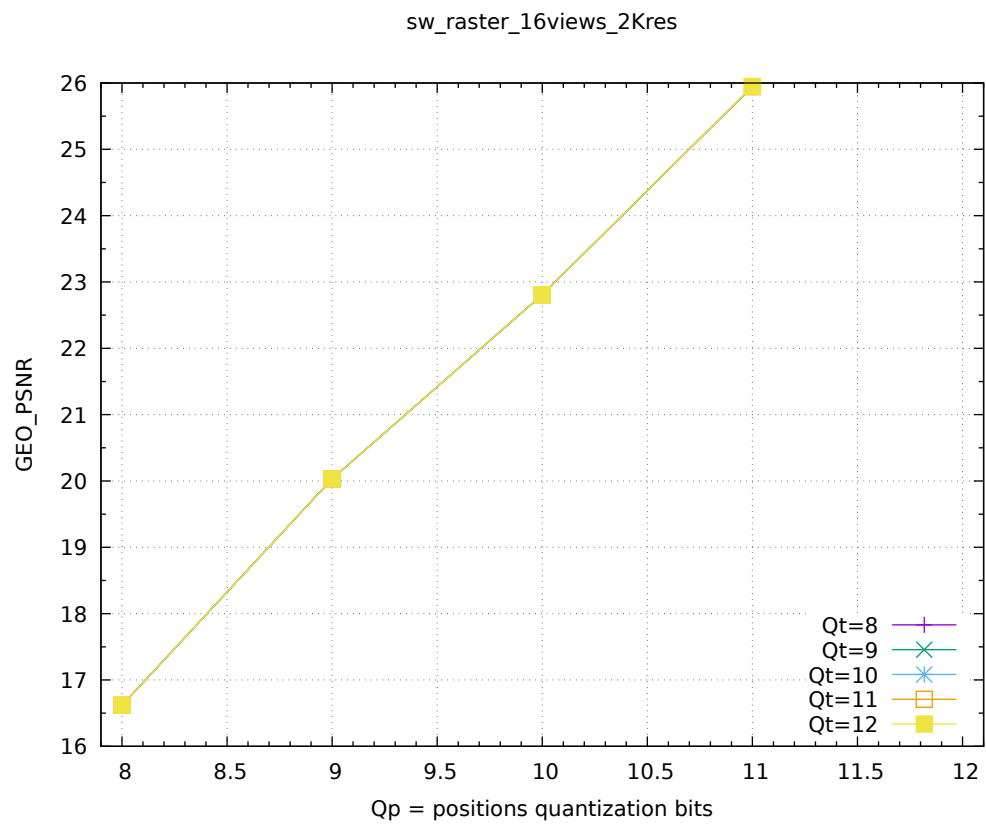
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	13	inf	inf	0.0000	0.0000	3.1575
12	12	inf	39.8981	0.0000	6.6569	3.1785
12	11	inf	35.2199	0.0000	19.5476	3.1766
12	10	inf	30.7570	0.0000	54.6240	3.2610
12	9	inf	27.6174	0.0000	112.5496	3.1603
12	8	inf	25.5136	0.0000	182.6925	3.1969
11	13	26.5208	25.6909	144.8761	175.3842	3.1636
11	12	26.5208	25.5999	144.8761	179.0982	3.1831
11	11	26.5208	25.3905	144.8761	187.9459	3.3492
11	10	26.5208	24.8375	144.8761	213.4670	3.2114
11	9	26.5208	23.9176	144.8761	263.8253	3.1890
11	8	26.5208	22.9468	144.8761	329.9174	3.2172
10	13	23.6959	22.7523	277.6458	345.0244	3.1633
10	12	23.6959	22.7215	277.6458	347.4844	3.1813
10	11	23.6959	22.6617	277.6458	352.2991	3.2211
10	10	23.6959	22.4745	277.6458	367.8148	3.1687
10	9	23.6959	22.0411	277.6458	406.4186	3.2662
10	8	23.6959	21.4404	277.6458	466.7047	3.1911
9	13	20.9399	20.0071	523.7074	649.1844	3.1759
9	12	20.9399	20.0030	523.7074	649.7968	3.1968
9	11	20.9399	19.9895	523.7074	651.8301	3.1994
9	10	20.9399	19.9487	523.7074	657.9752	3.1847
9	9	20.9399	19.8240	523.7074	677.1490	3.1933
9	8	20.9399	19.5294	523.7074	724.6665	3.2889
8	13	17.5196	16.8495	1151.1310	1343.1591	3.2037
8	12	17.5196	16.8485	1151.1310	1343.4729	3.1853
8	11	17.5196	16.8461	1151.1310	1344.2295	3.1880
8	10	17.5196	16.8418	1151.1310	1345.5586	3.2089
8	9	17.5196	16.8173	1151.1310	1353.1582	3.2004
8	8	17.5196	16.7330	1151.1310	1379.6835	3.2025

ibsm = f(Qp) - basketball_player_fr0001



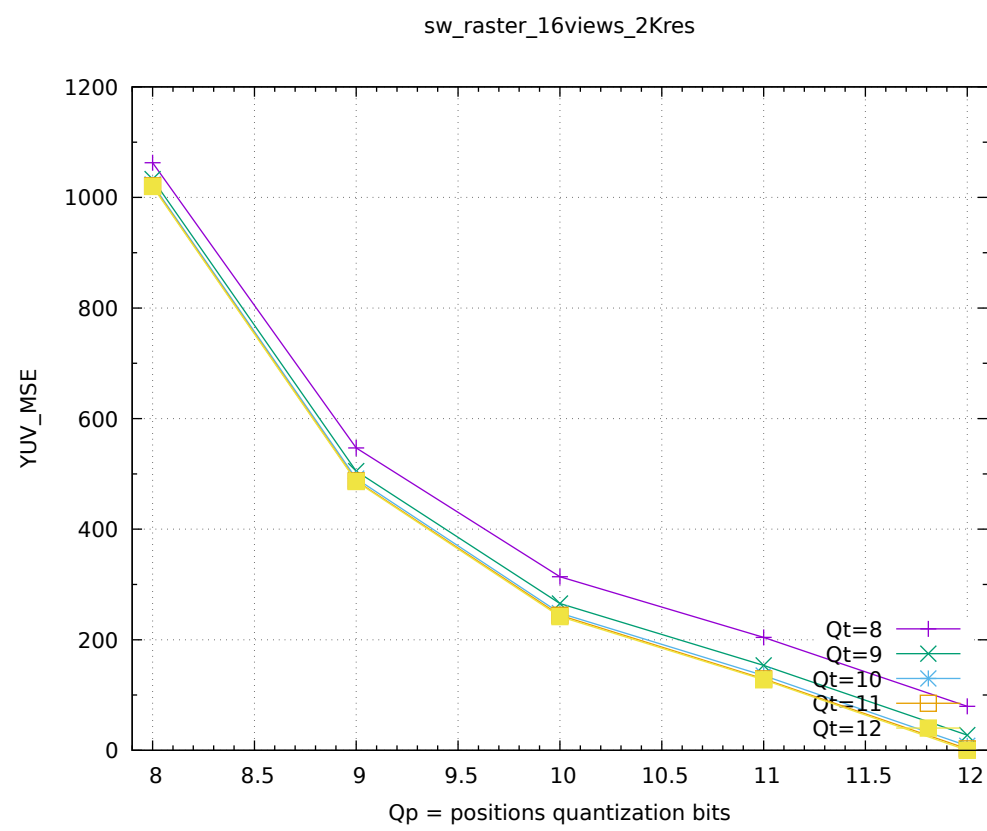
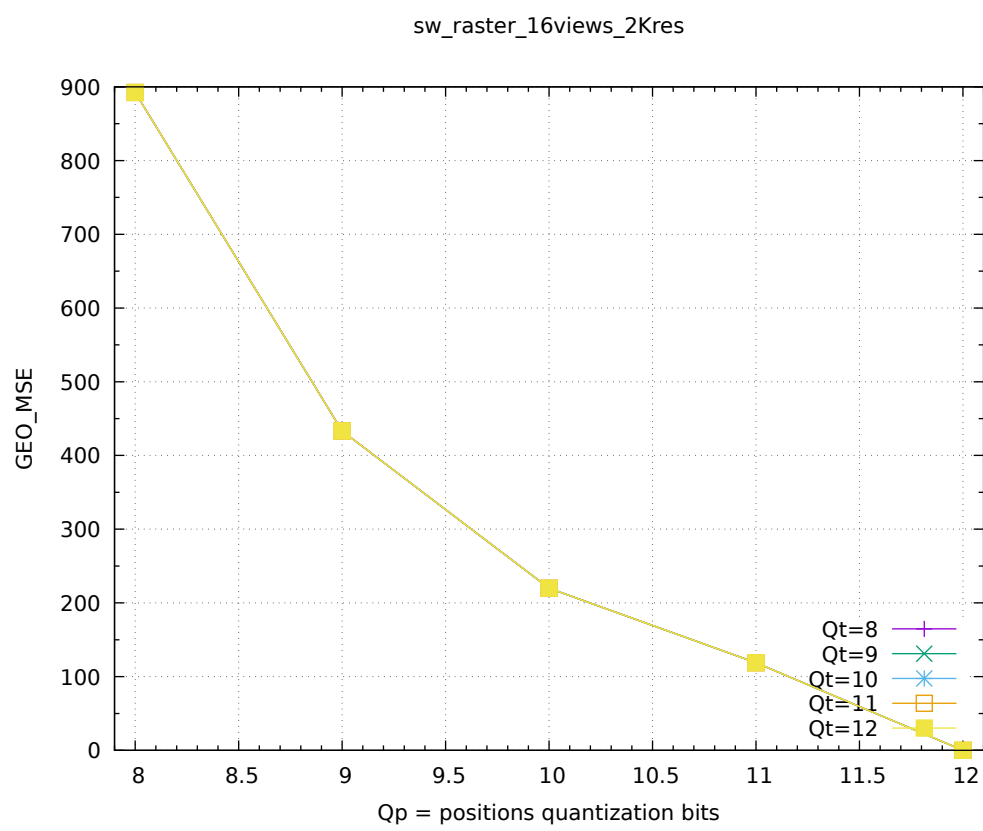
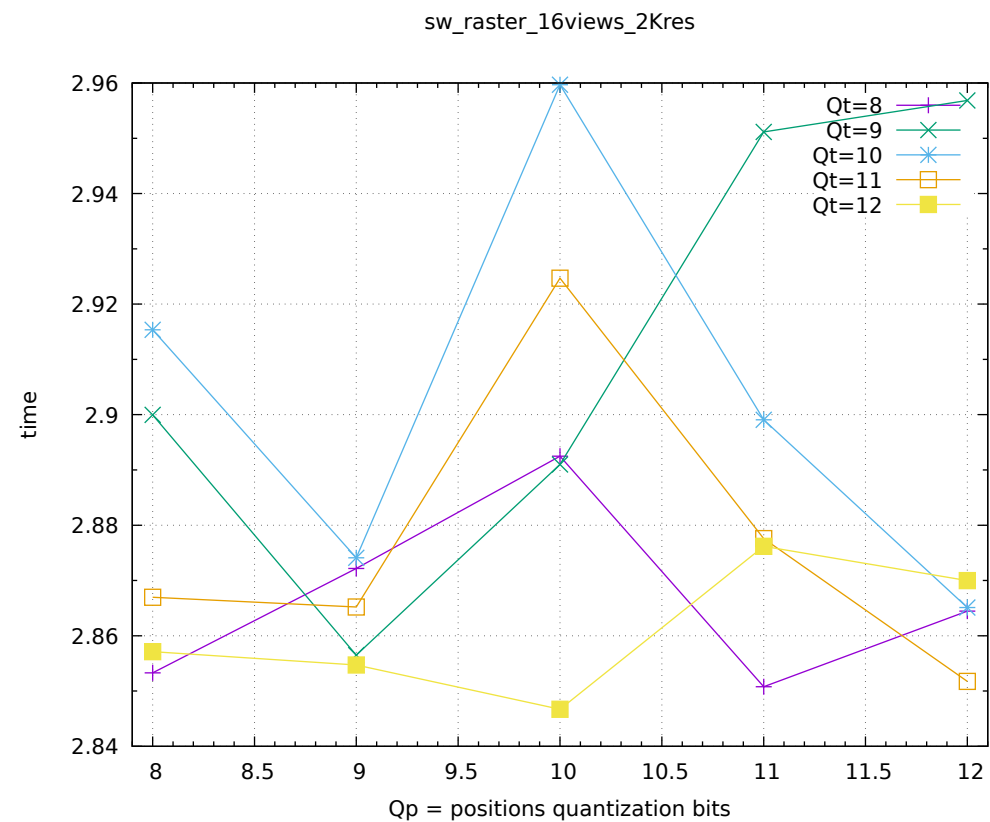
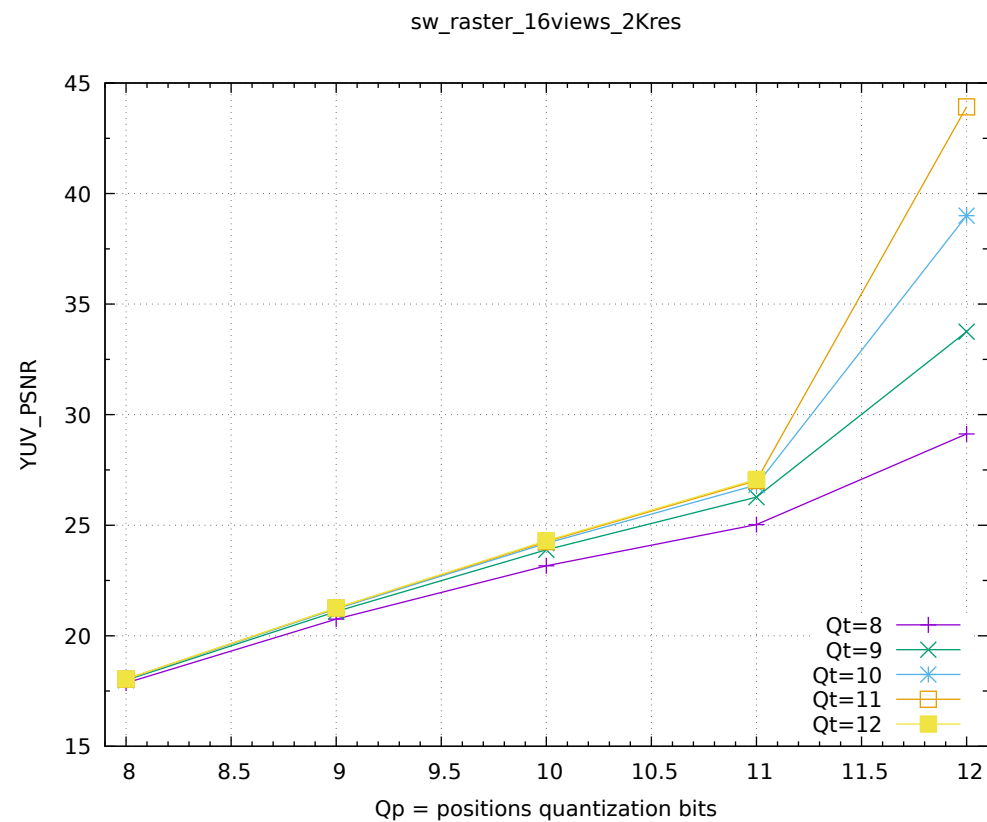
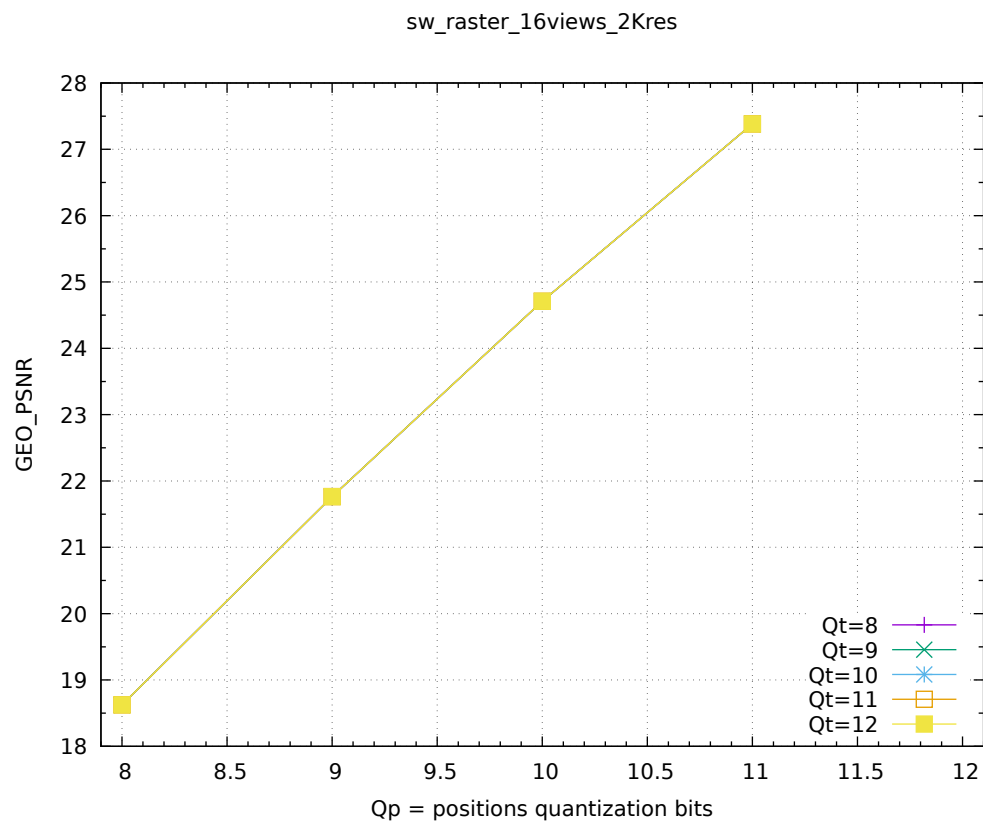
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	2.7816
12	11	inf	46.7635	0.0000	1.3700	2.8208
12	10	inf	41.5939	0.0000	4.5049	2.8262
12	9	inf	36.4430	0.0000	14.7497	2.7896
12	8	inf	31.7337	0.0000	43.6223	2.7759
11	12	26.8079	26.6622	135.6091	140.2356	2.7508
11	11	26.8079	26.6306	135.6091	141.2601	2.7696
11	10	26.8079	26.5426	135.6091	144.1523	2.8154
11	9	26.8079	26.2542	135.6091	154.0510	2.7841
11	8	26.8079	25.5161	135.6091	182.5865	2.8475
10	12	23.9570	23.7563	261.4433	273.8090	2.9376
10	11	23.9570	23.7437	261.4433	274.6072	2.9523
10	10	23.9570	23.7029	261.4433	277.1972	2.9621
10	9	23.9570	23.5676	261.4433	285.9710	2.9617
10	8	23.9570	23.1711	261.4433	313.3064	2.9787
9	12	20.8403	20.6034	535.8567	565.8956	3.0181
9	11	20.8403	20.5964	535.8567	566.8080	2.9668
9	10	20.8403	20.5829	535.8567	568.5768	2.9461
9	9	20.8403	20.5310	535.8567	575.4188	2.9887
9	8	20.8403	20.3534	535.8567	599.4293	2.9741
8	12	17.6353	17.3562	1120.8501	1195.2480	2.9848
8	11	17.6353	17.3551	1120.8501	1195.5693	2.9660
8	10	17.6353	17.3495	1120.8501	1197.0962	3.0152
8	9	17.6353	17.3351	1120.8501	1201.0829	2.9616
8	8	17.6353	17.2627	1120.8501	1221.2778	3.0005

ibsm = f(Qp) - dancer_fr0001



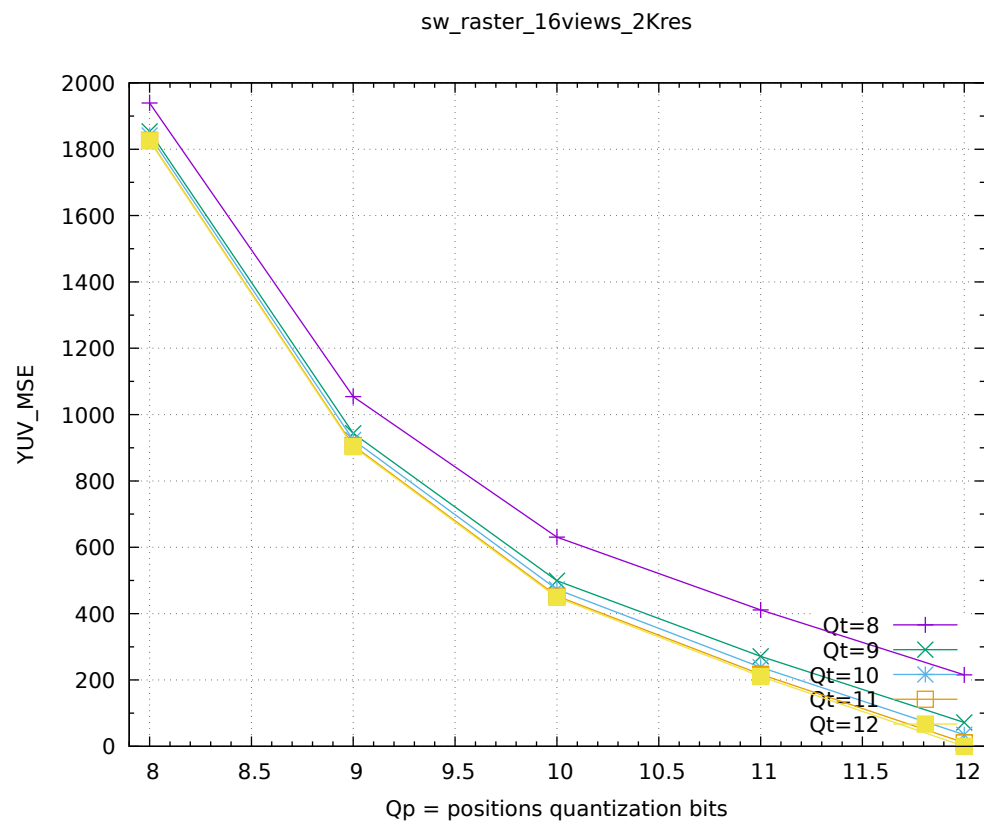
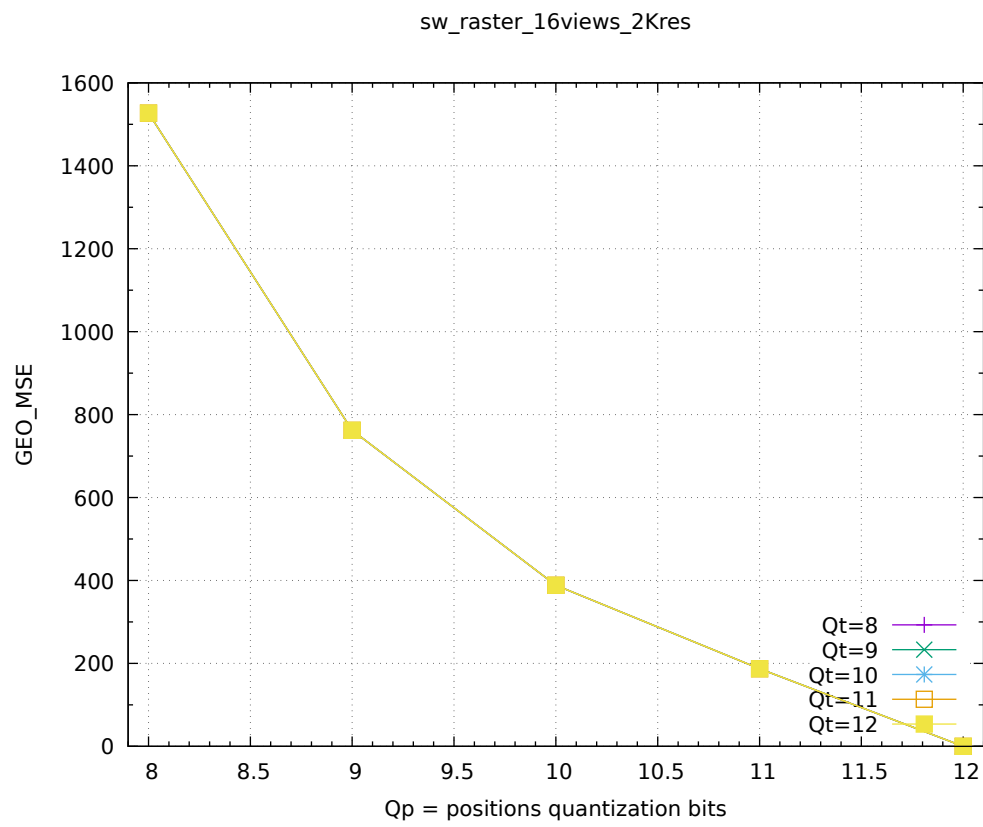
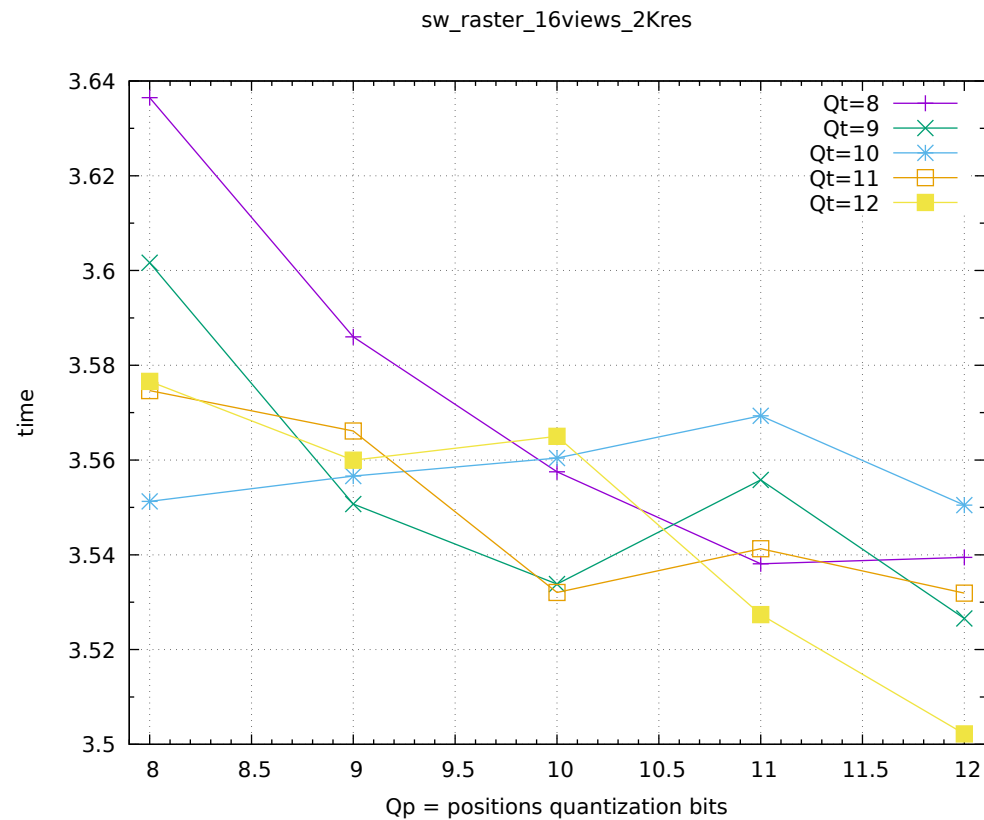
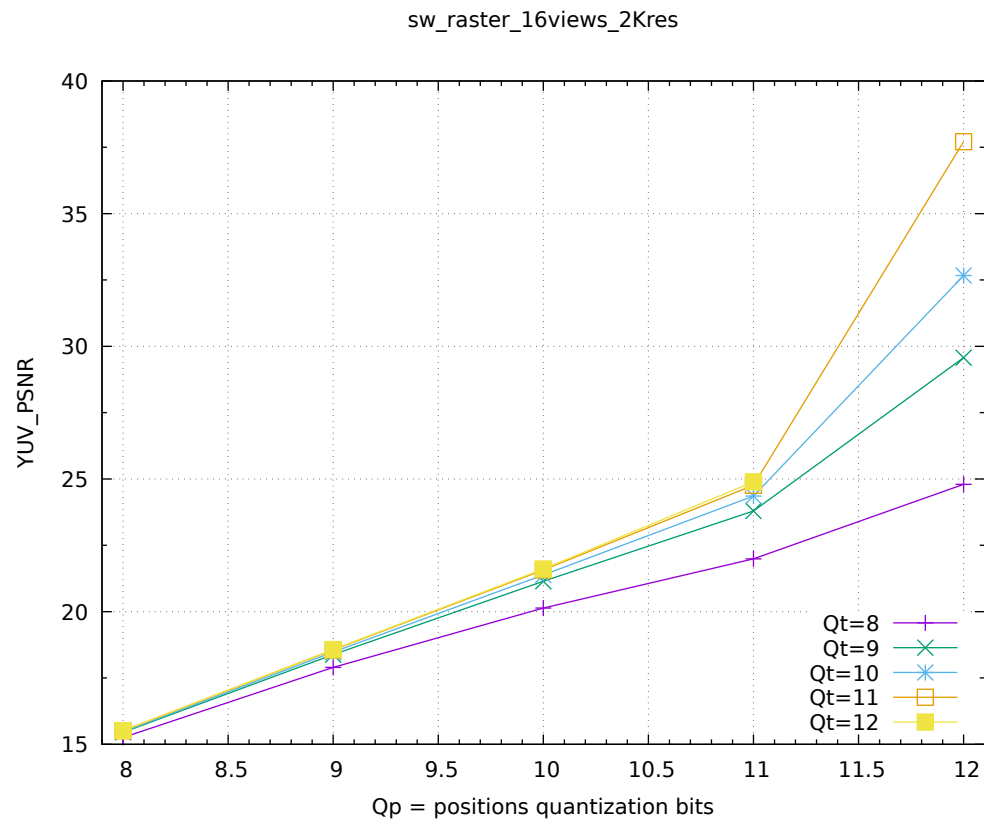
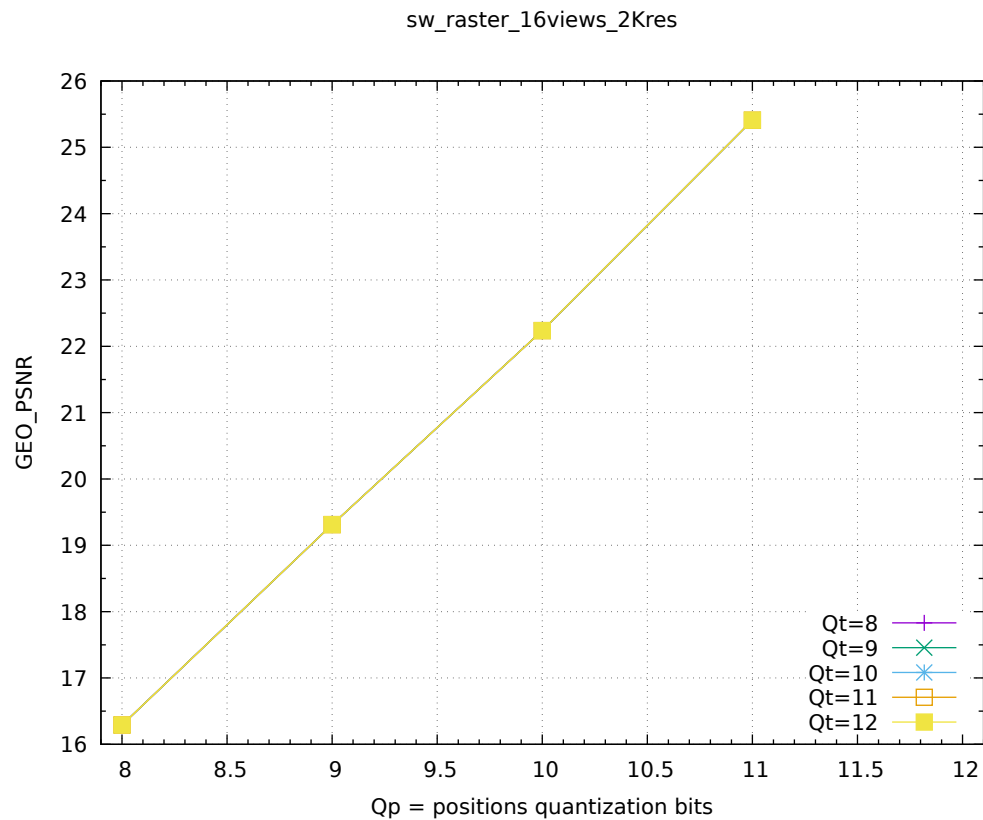
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	2.5804
12	11	inf	46.5330	0.0000	1.4447	2.5999
12	10	inf	41.9070	0.0000	4.1916	2.6003
12	9	inf	36.6032	0.0000	14.2155	2.6007
12	8	inf	31.4658	0.0000	46.3985	2.6567
11	12	25.9448	25.8065	165.4241	170.7761	2.5879
11	11	25.9448	25.7729	165.4241	172.1052	2.6298
11	10	25.9448	25.7198	165.4241	174.2220	2.6769
11	9	25.9448	25.4753	165.4241	184.3115	2.6169
11	8	25.9448	24.7915	165.4241	215.7403	2.6581
10	12	22.8072	22.6125	340.6899	356.3107	2.6045
10	11	22.8072	22.5967	340.6899	357.6104	2.6303
10	10	22.8072	22.5757	340.6899	359.3411	2.5947
10	9	22.8072	22.4692	340.6899	368.2672	2.6277
10	8	22.8072	22.1279	340.6899	398.3753	2.6368
9	12	20.0318	19.7722	645.5121	685.2700	2.5761
9	11	20.0318	19.7670	645.5121	686.0962	2.6200
9	10	20.0318	19.7559	645.5121	687.8394	2.6685
9	9	20.0318	19.7178	645.5121	693.9123	2.6356
9	8	20.0318	19.5503	645.5121	721.1904	2.6384
8	12	16.6200	16.3309	1416.0552	1513.5244	2.6111
8	11	16.6200	16.3299	1416.0552	1513.8639	2.6162
8	10	16.6200	16.3257	1416.0552	1515.3372	2.6130
8	9	16.6200	16.3130	1416.0552	1519.7827	2.6471
8	8	16.6200	16.2574	1416.0552	1539.3516	2.6246

ibsm = f(Qp) - model_fr0001



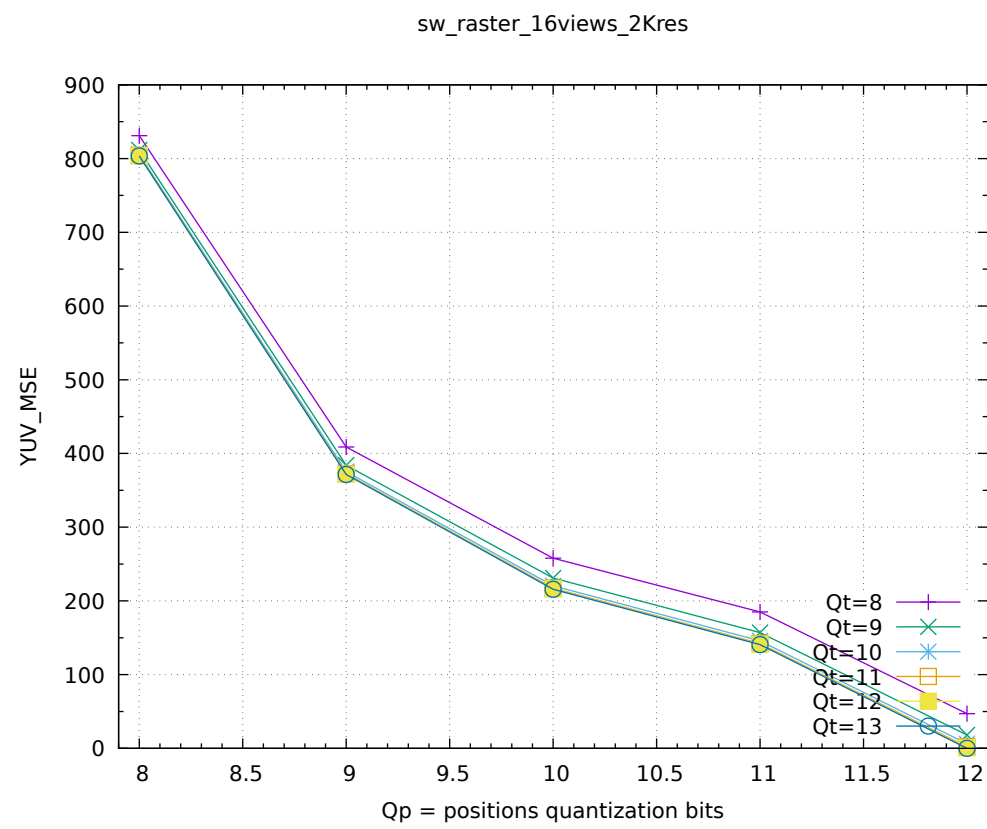
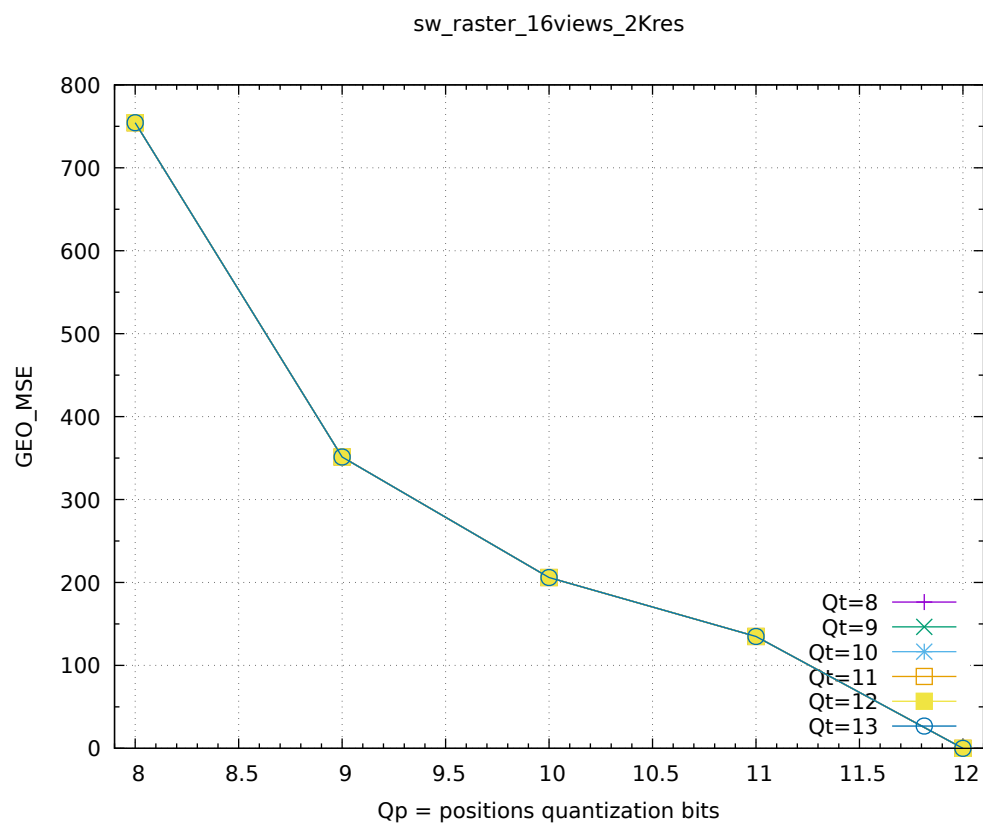
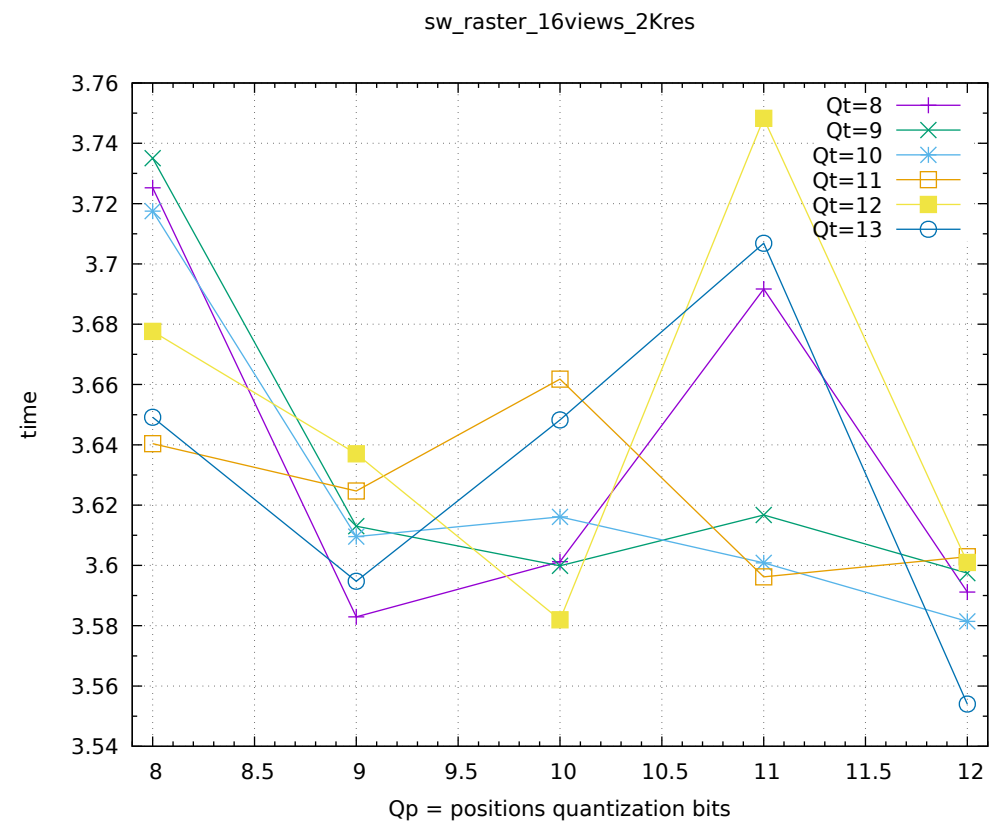
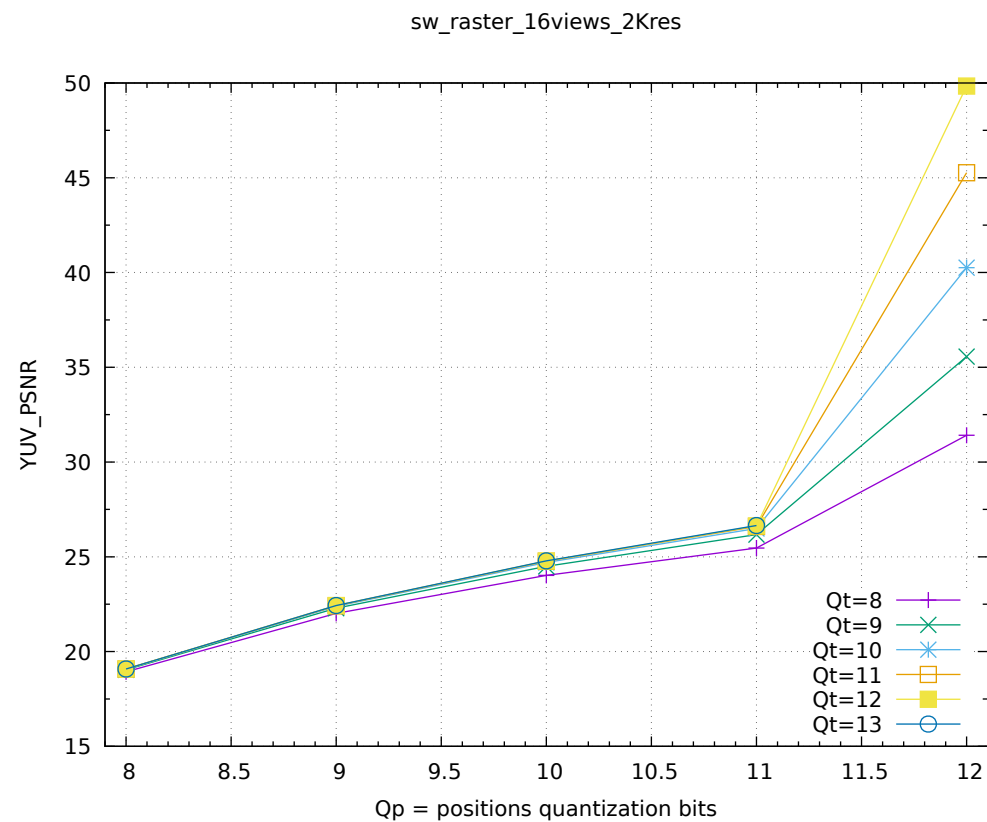
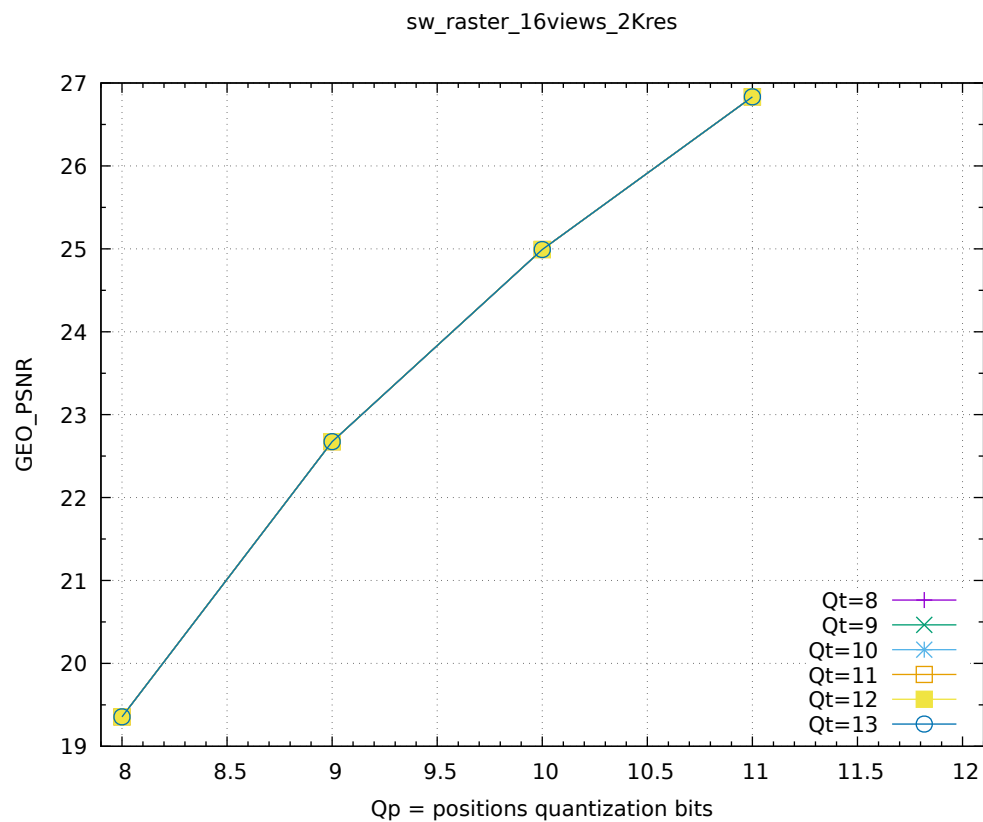
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	2.8700
12	11	inf	43.9872	0.0000	2.5963	2.8518
12	10	inf	39.1067	0.0000	7.9875	2.8651
12	9	inf	33.8920	0.0000	26.5384	2.9568
12	8	inf	29.2711	0.0000	76.9081	2.8645
11	12	27.3823	27.0787	118.8086	127.4107	2.8762
11	11	27.3823	27.0260	118.8086	128.9681	2.8776
11	10	27.3823	26.8323	118.8086	134.8494	2.8991
11	9	27.3823	26.2975	118.8086	152.5213	2.9512
11	8	27.3823	25.0883	118.8086	201.4896	2.8508
10	12	24.7096	24.3044	219.8483	241.3446	2.8467
10	11	24.7096	24.2637	219.8483	243.6159	2.9247
10	10	24.7096	24.1974	219.8483	247.3654	2.9597
10	9	24.7096	23.9119	219.8483	264.1738	2.8910
10	8	24.7096	23.2031	219.8483	311.0071	2.8925
9	12	21.7644	21.2740	433.1545	484.9361	2.8547
9	11	21.7644	21.2644	433.1545	486.0016	2.8652
9	10	21.7644	21.2299	433.1545	489.8759	2.8741
9	9	21.7644	21.1152	433.1545	502.9915	2.8565
9	8	21.7644	20.7787	433.1545	543.5129	2.8722
8	12	18.6252	18.0598	892.4084	1016.4775	2.8571
8	11	18.6252	18.0558	892.4084	1017.4251	2.8670
8	10	18.6252	18.0455	892.4084	1019.8429	2.9154
8	9	18.6252	18.0058	892.4084	1029.1914	2.9000
8	8	18.6252	17.8858	892.4084	1058.0304	2.8533

ibsm = f(Qp) - football_fr0445



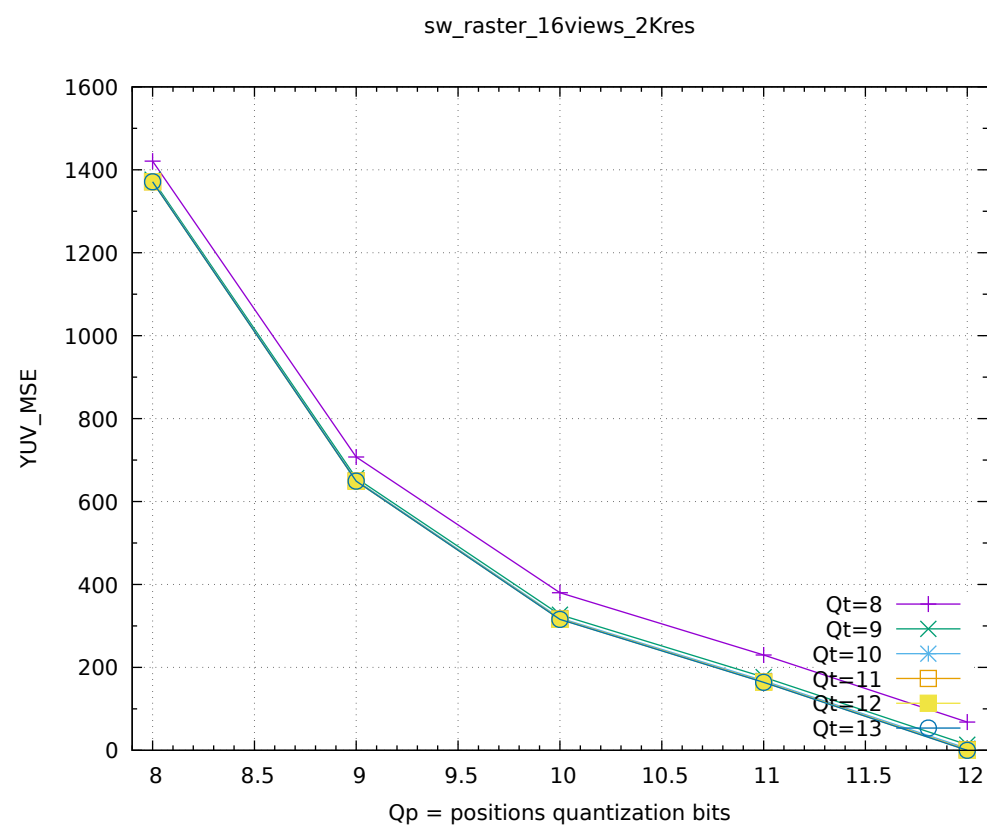
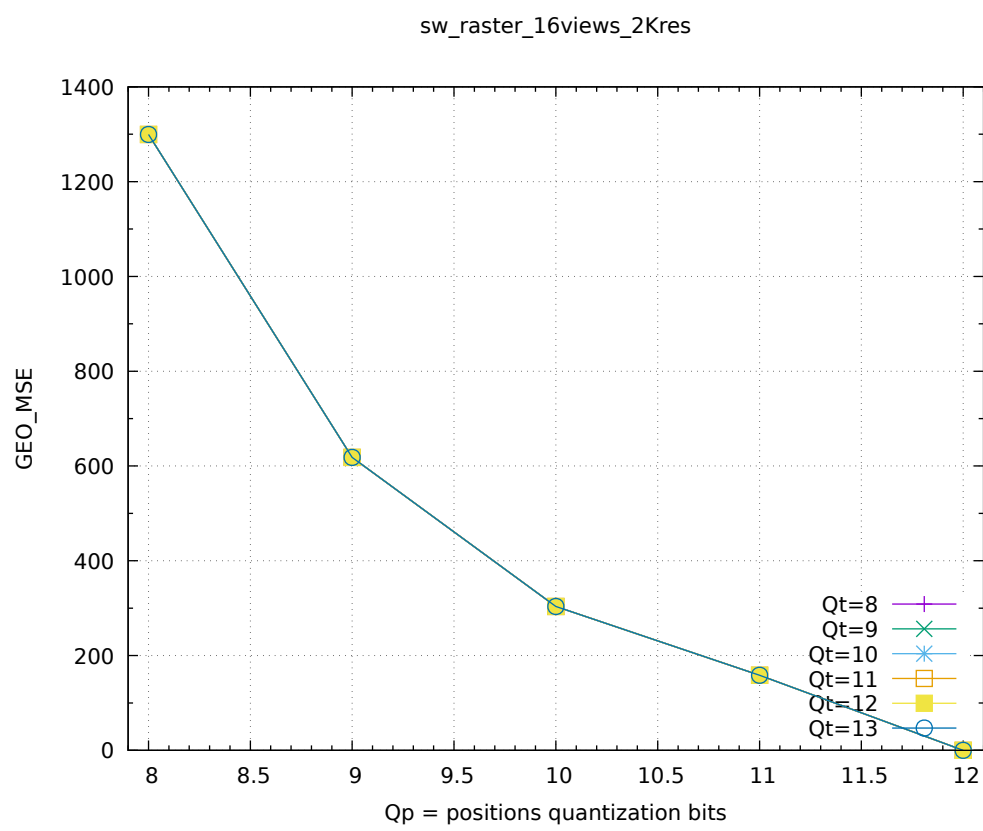
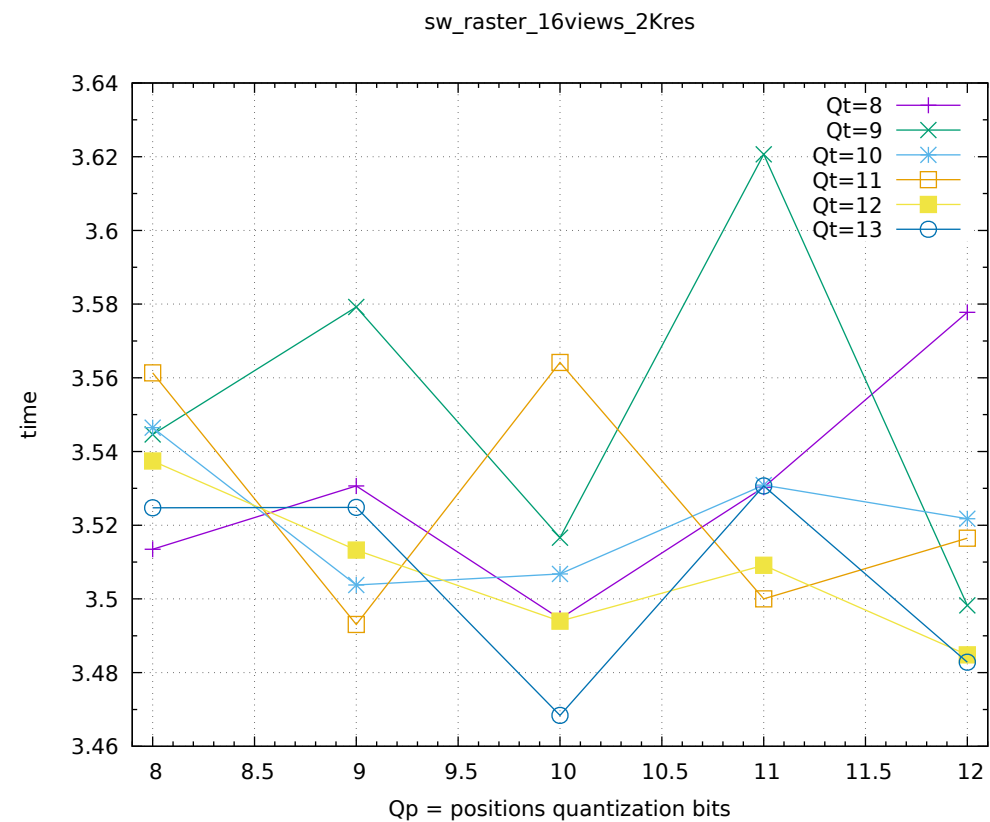
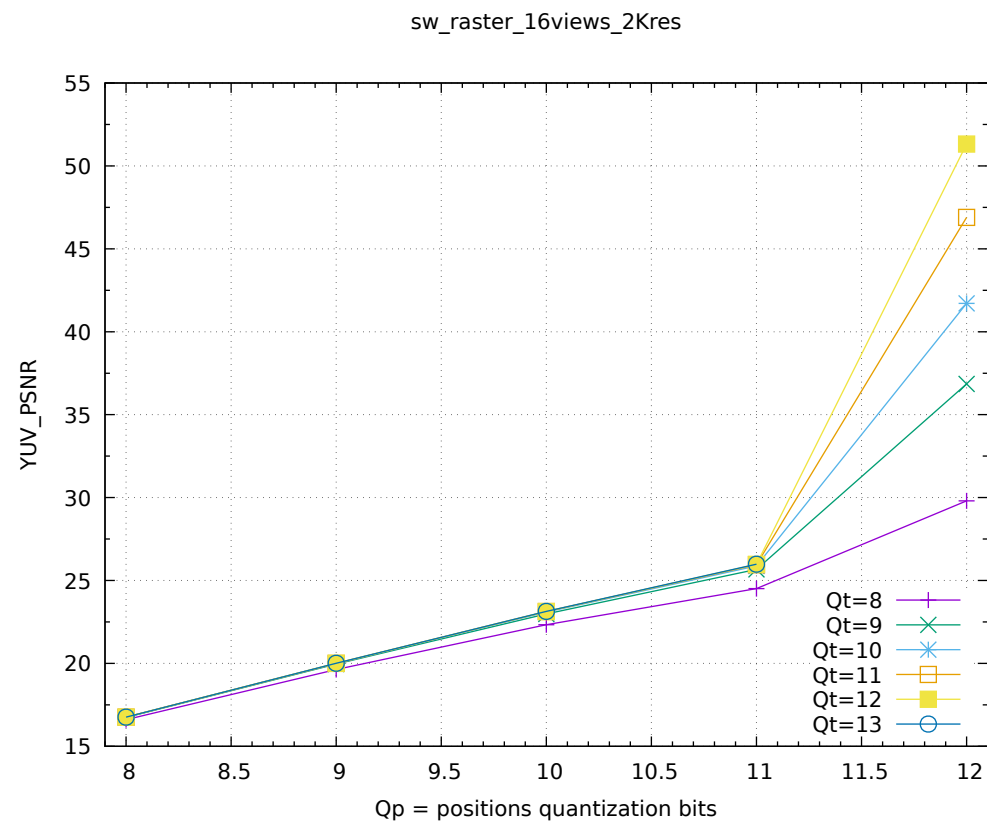
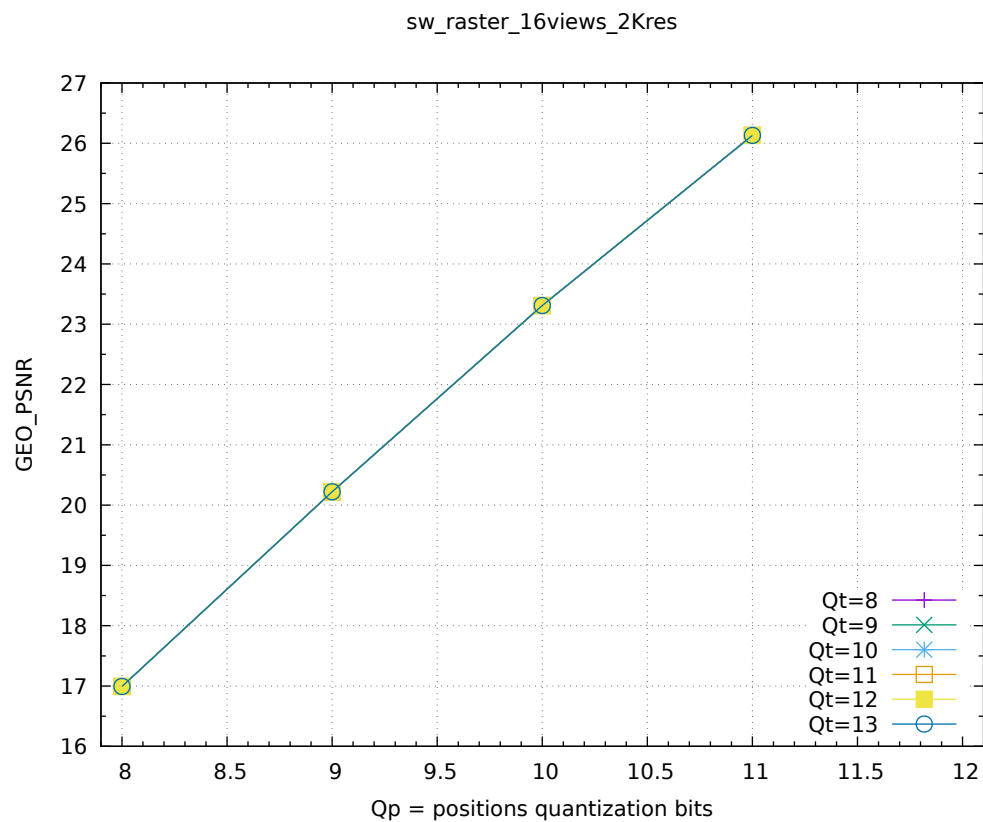
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	3.5022
12	11	inf	37.6114	0.0000	11.2703	3.5319
12	10	inf	32.5321	0.0000	36.2971	3.5505
12	9	inf	29.3317	0.0000	75.8423	3.5266
12	8	inf	24.5174	0.0000	229.7941	3.5395
11	12	25.4087	24.8763	187.1606	211.5683	3.5274
11	11	25.4087	24.7404	187.1606	218.2955	3.5413
11	10	25.4087	24.3234	187.1606	240.2947	3.5693
11	9	25.4087	23.7204	187.1606	276.0856	3.5558
11	8	25.4087	21.8355	187.1606	426.1137	3.5381
10	12	22.2369	21.5910	388.5030	450.8010	3.5650
10	11	22.2369	21.5521	388.5030	454.8510	3.5321
10	10	22.2369	21.3591	388.5030	475.5174	3.5604
10	9	22.2369	21.1016	388.5030	504.5655	3.5338
10	8	22.2369	20.0275	388.5030	646.1460	3.5575
9	12	19.3118	18.5525	761.9106	907.4648	3.5600
9	11	19.3118	18.5336	761.9106	911.4263	3.5661
9	10	19.3118	18.4525	761.9106	928.5999	3.5566
9	9	19.3118	18.3484	761.9106	951.1336	3.5507
9	8	19.3118	17.8294	761.9106	1071.8647	3.5860
8	12	16.2924	15.4919	1527.0194	1836.0858	3.5766
8	11	16.2924	15.4872	1527.0194	1838.0443	3.5746
8	10	16.2924	15.4517	1527.0194	1853.1388	3.5513
8	9	16.2924	15.4176	1527.0194	1867.7544	3.6016
8	8	16.2924	15.1996	1527.0194	1963.8831	3.6365

ibsm = f(Qp) - frederick_fr0051



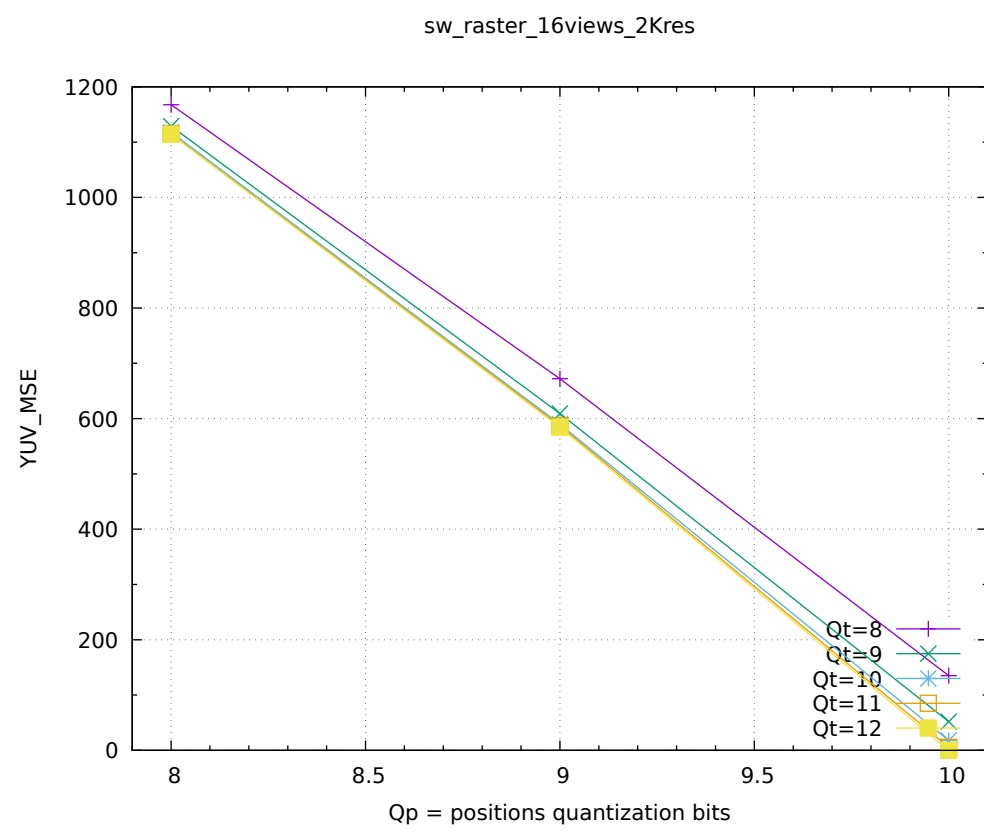
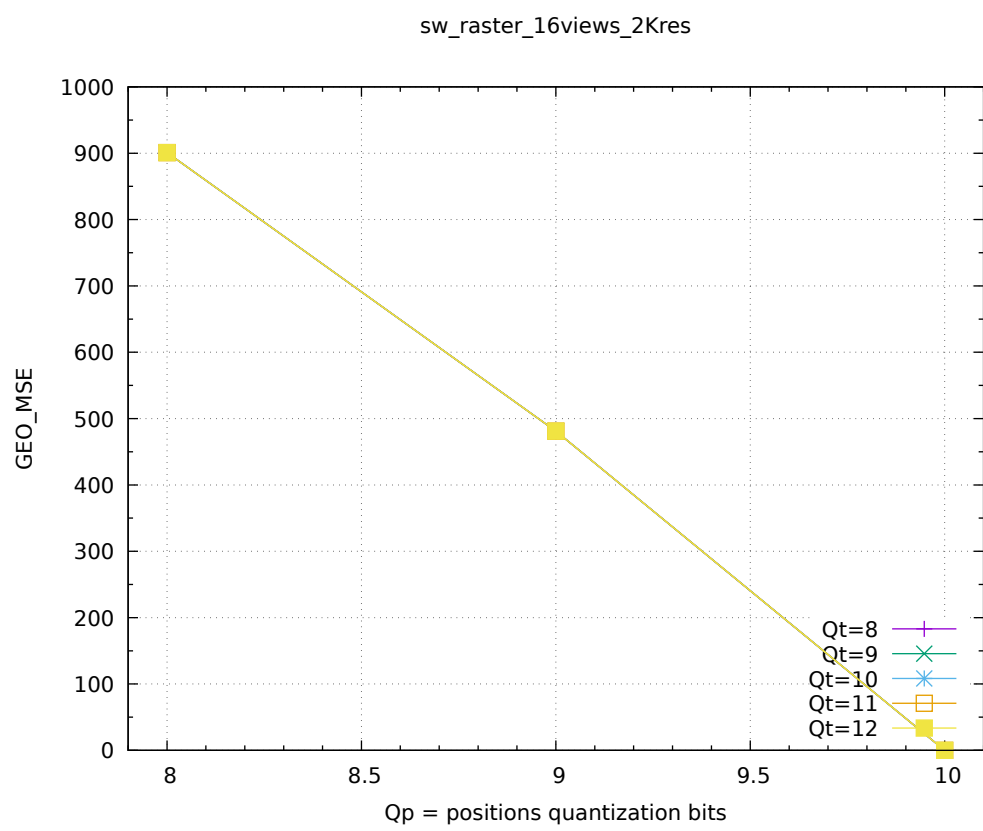
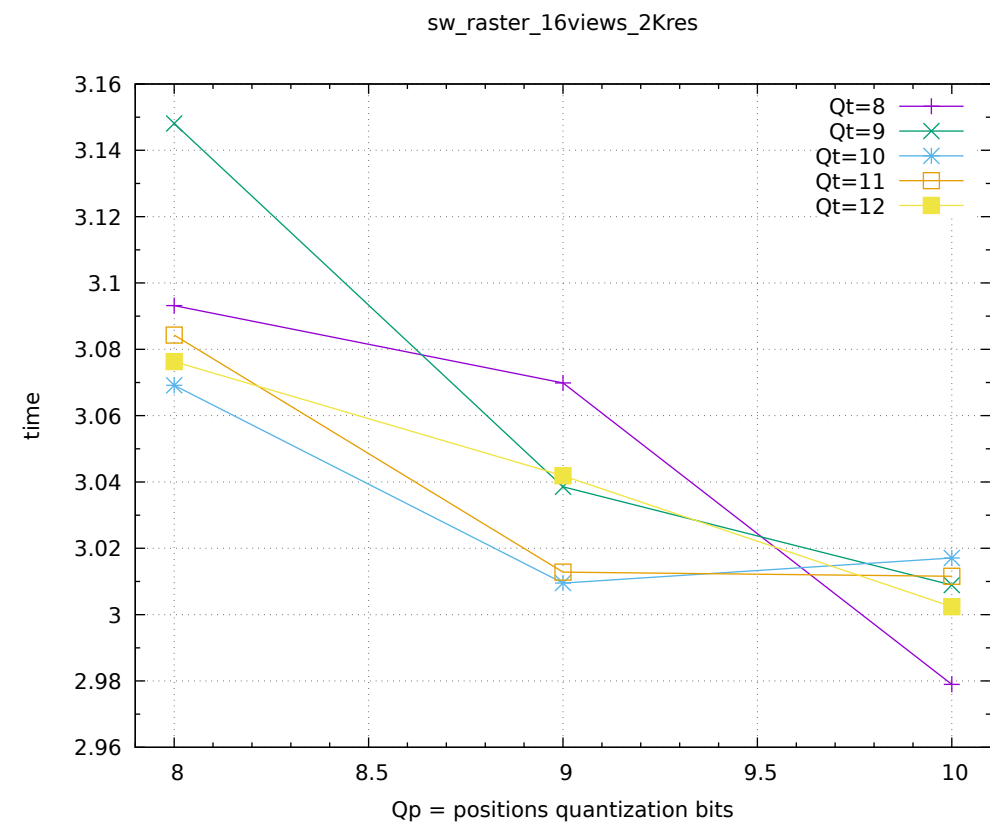
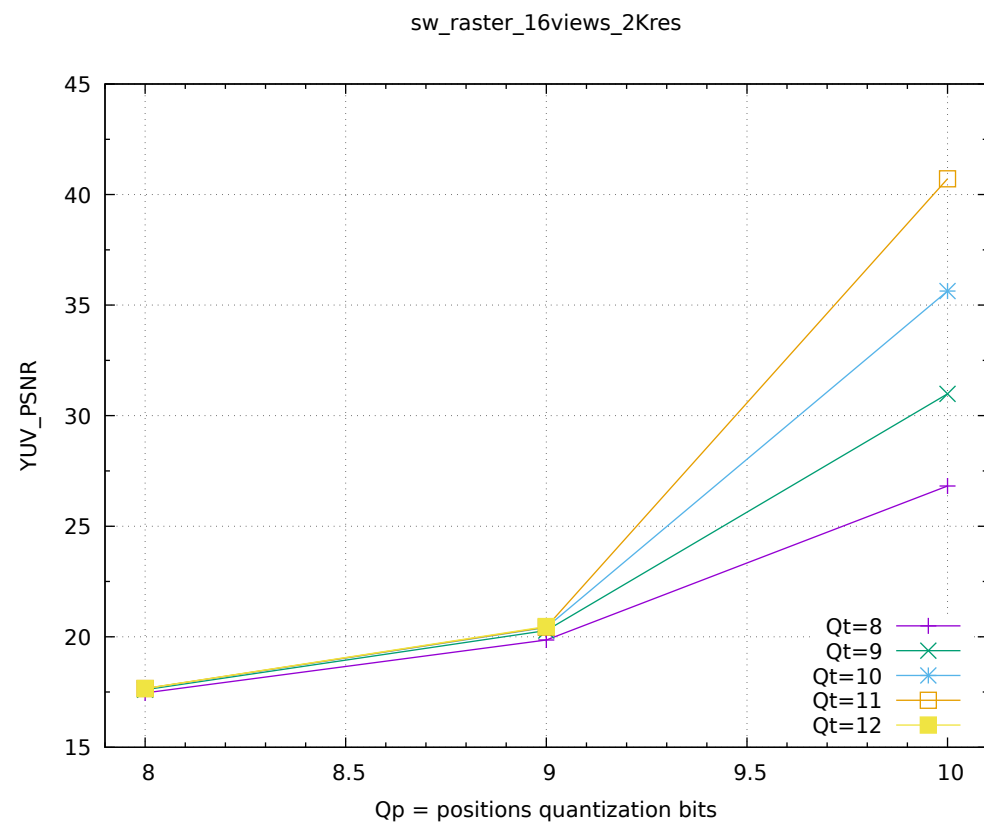
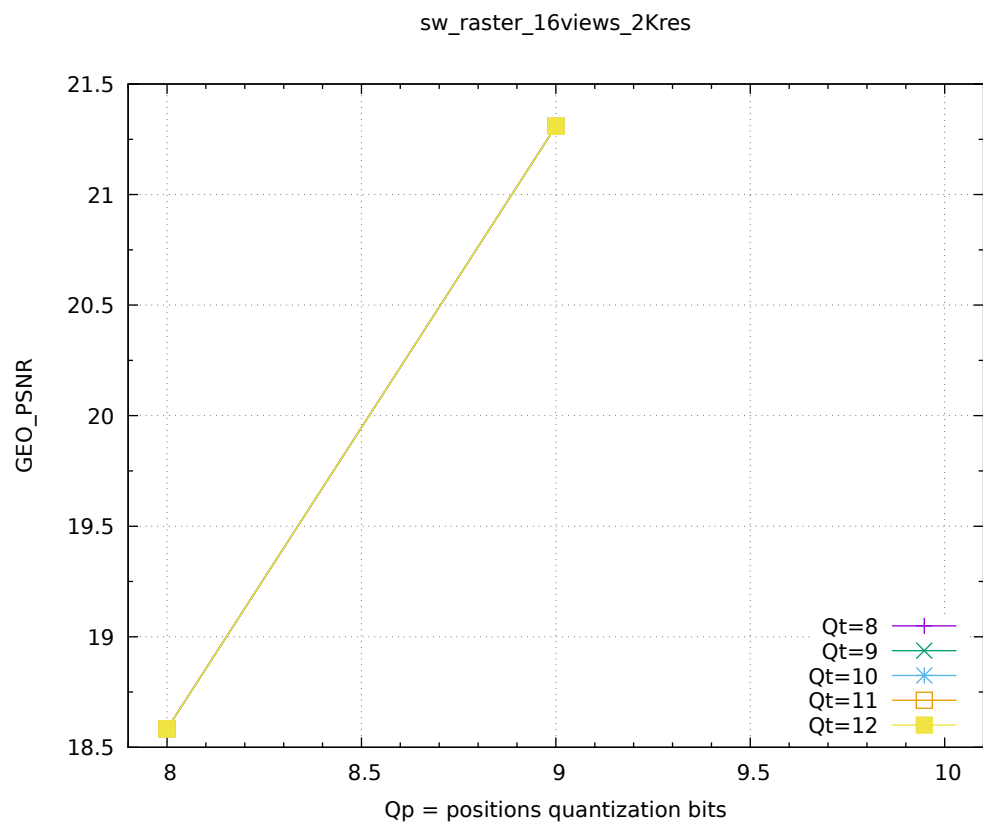
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	13	inf	inf	0.0000	0.0000	3.5540
12	12	inf	49.6732	0.0000	0.7011	3.6010
12	11	inf	45.1558	0.0000	1.9838	3.6029
12	10	inf	40.1923	0.0000	6.2209	3.5814
12	9	inf	35.5181	0.0000	18.2501	3.5974
12	8	inf	31.3916	0.0000	47.1980	3.5912
11	13	26.8334	26.6473	134.8143	140.7184	3.7068
11	12	26.8334	26.6315	134.8143	141.2310	3.7483
11	11	26.8334	26.5997	134.8143	142.2700	3.5962
11	10	26.8334	26.4921	134.8143	145.8381	3.6008
11	9	26.8334	26.1697	134.8143	157.0767	3.6167
11	8	26.8334	25.4552	134.8143	185.1639	3.6917
10	13	24.9916	24.7884	206.0229	215.8920	3.6482
10	12	24.9916	24.7791	206.0229	216.3571	3.5820
10	11	24.9916	24.7605	206.0229	217.2833	3.6618
10	10	24.9916	24.6975	206.0229	220.4626	3.6161
10	9	24.9916	24.4918	206.0229	231.1509	3.5999
10	8	24.9916	24.0141	206.0229	258.0296	3.6012
9	13	22.6739	22.4304	351.3089	371.5693	3.5948
9	12	22.6739	22.4272	351.3089	371.8468	3.6370
9	11	22.6739	22.4180	351.3089	372.6313	3.6247
9	10	22.6739	22.3870	351.3089	375.3011	3.6096
9	9	22.6739	22.2859	351.3089	384.1437	3.6130
9	8	22.6739	22.0150	351.3089	408.8628	3.5829
8	13	19.3552	19.0808	754.3276	803.5349	3.6491
8	12	19.3552	19.0803	754.3276	803.6281	3.6776
8	11	19.3552	19.0771	754.3276	804.2103	3.6404
8	10	19.3552	19.0697	754.3276	805.5878	3.7175
8	9	19.3552	19.0382	754.3276	811.4487	3.7351
8	8	19.3552	18.9347	754.3276	831.0126	3.7252

$$\text{ibsm} = f(Q_p) - \text{levi_fr0000}$$



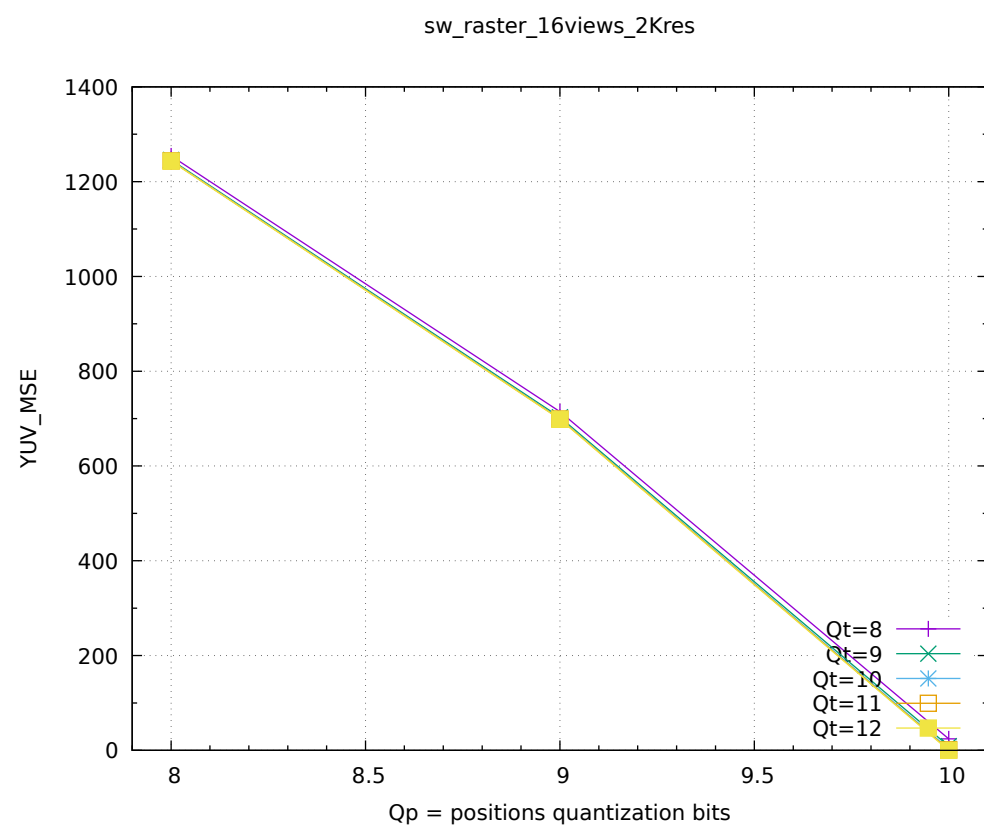
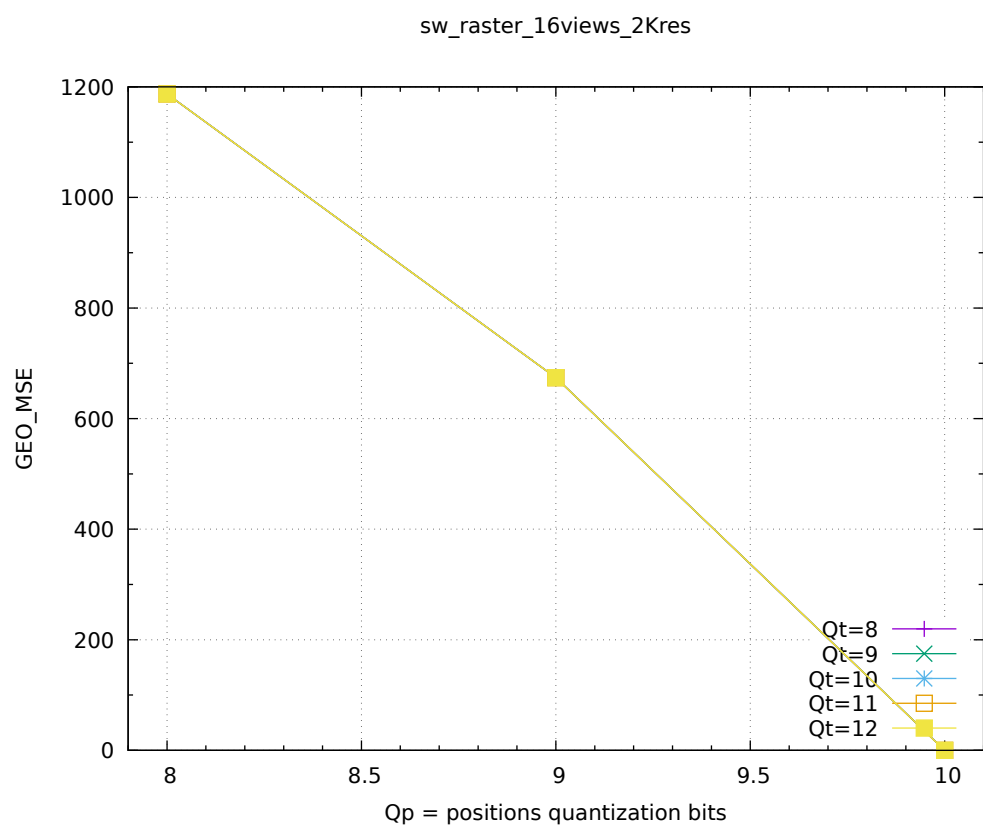
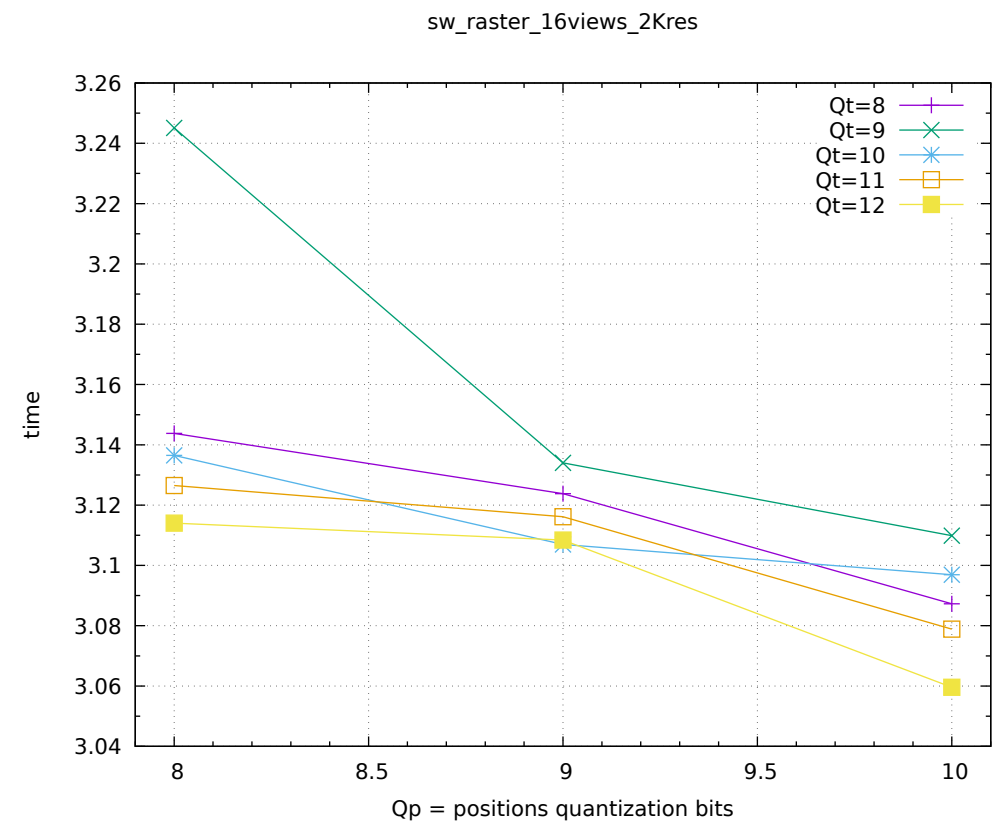
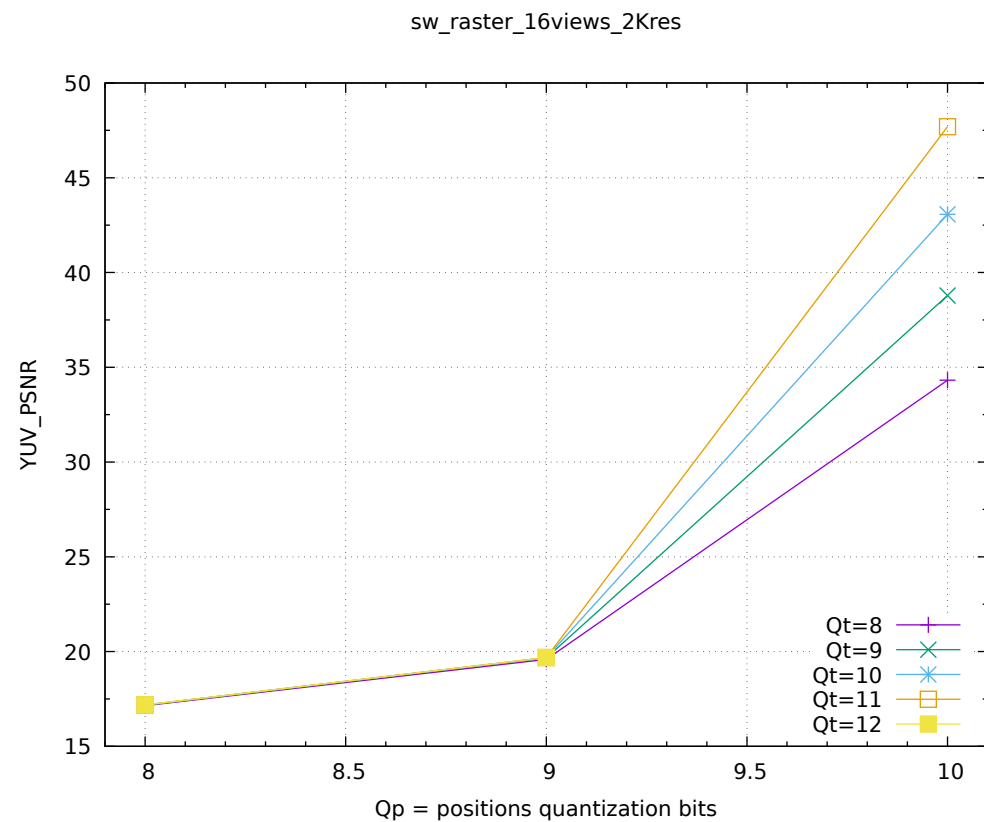
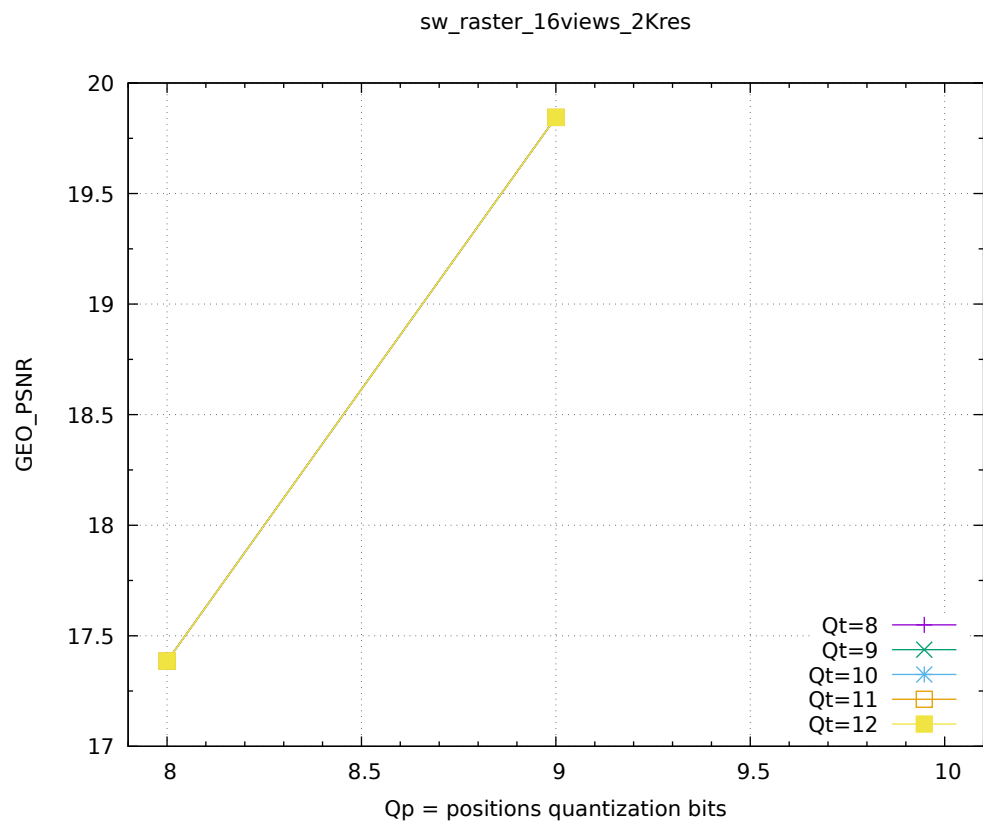
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	13	inf	inf	0.0000	0.0000	3.4828
12	12	inf	50.8682	0.0000	0.5324	3.4848
12	11	inf	46.4568	0.0000	1.4703	3.5165
12	10	inf	41.2626	0.0000	4.8620	3.5218
12	9	inf	36.3870	0.0000	14.9411	3.4982
12	8	inf	29.3200	0.0000	76.0462	3.5778
11	13	26.1301	25.9598	158.5167	164.8562	3.5307
11	12	26.1301	25.9525	158.5167	165.1322	3.5091
11	11	26.1301	25.9311	158.5167	165.9482	3.5000
11	10	26.1301	25.8505	158.5167	169.0548	3.5309
11	9	26.1301	25.6131	158.5167	178.5526	3.6207
11	8	26.1301	24.3559	158.5167	238.4994	3.5303
10	13	23.3094	23.1148	303.4903	317.3938	3.4684
10	12	23.3094	23.1100	303.4903	317.7443	3.4940
10	11	23.3094	23.1026	303.4903	318.2869	3.5641
10	10	23.3094	23.0673	303.4903	320.8884	3.5068
10	9	23.3094	22.9492	303.4903	329.7297	3.5166
10	8	23.3094	22.2285	303.4903	389.2506	3.4946
9	13	20.2206	19.9812	618.0474	653.0730	3.5248
9	12	20.2206	19.9805	618.0474	653.1768	3.5132
9	11	20.2206	19.9786	618.0474	653.4641	3.4931
9	10	20.2206	19.9677	618.0474	655.1099	3.5038
9	9	20.2206	19.9251	618.0474	661.5667	3.5792
9	8	20.2206	19.5691	618.0474	718.0826	3.5307
8	13	16.9932	16.7319	1299.4543	1380.0350	3.5247
8	12	16.9932	16.7320	1299.4543	1379.9941	3.5374
8	11	16.9932	16.7308	1299.4543	1380.3949	3.5614
8	10	16.9932	16.7278	1299.4543	1381.3412	3.5465
8	9	16.9932	16.7136	1299.4543	1385.8721	3.5446
8	8	16.9932	16.5602	1299.4543	1435.6807	3.5135

ibsm = f(Qp) - longdress_fr1051



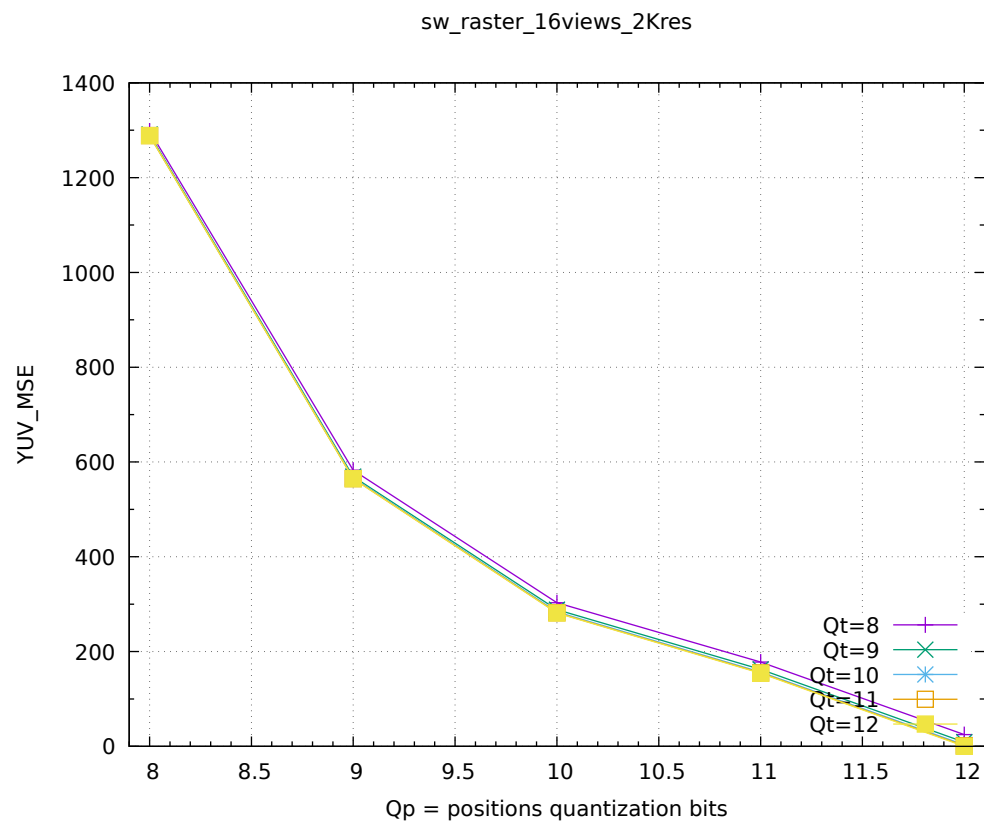
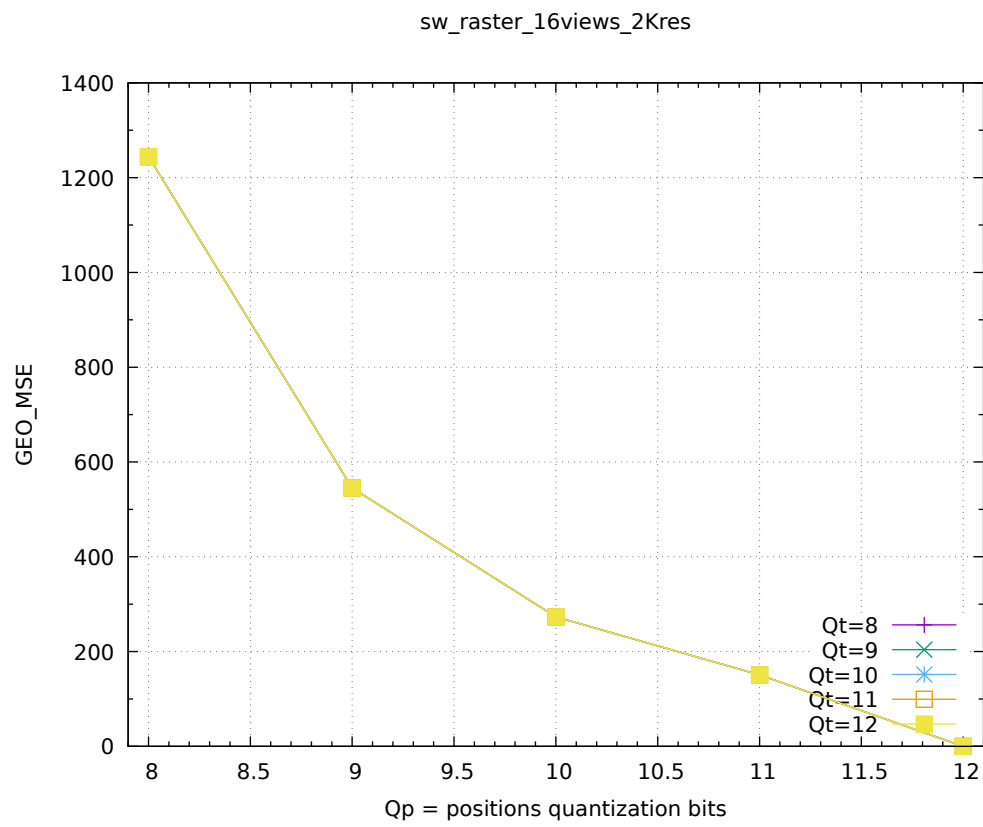
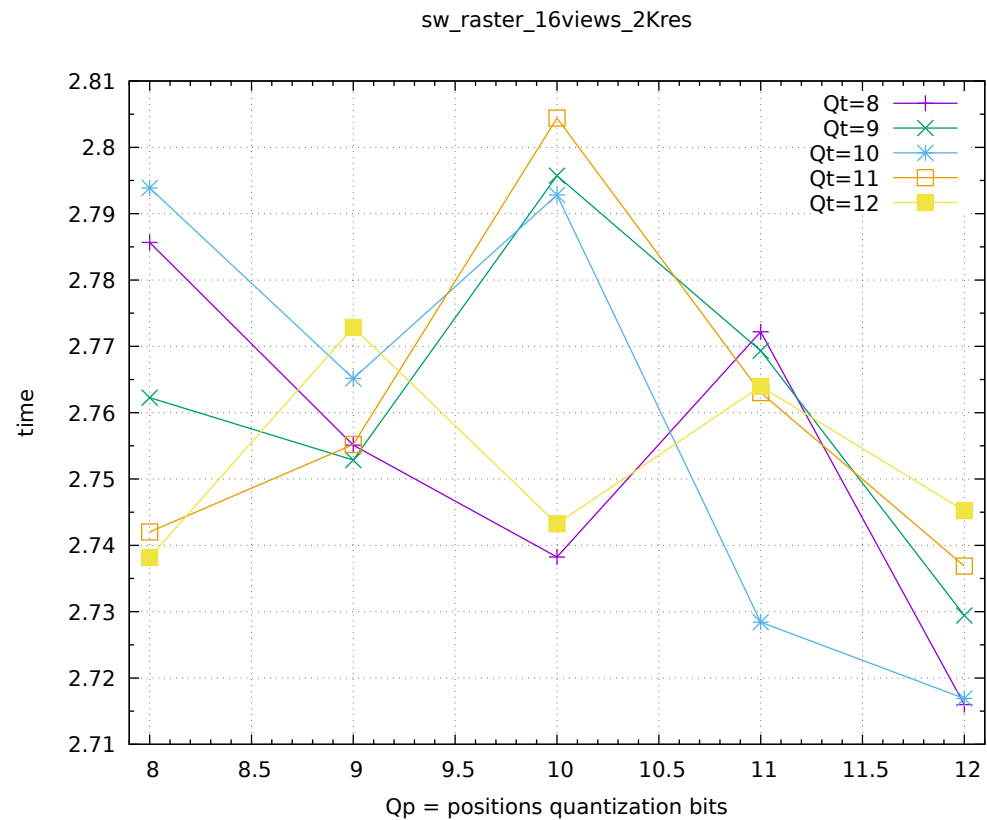
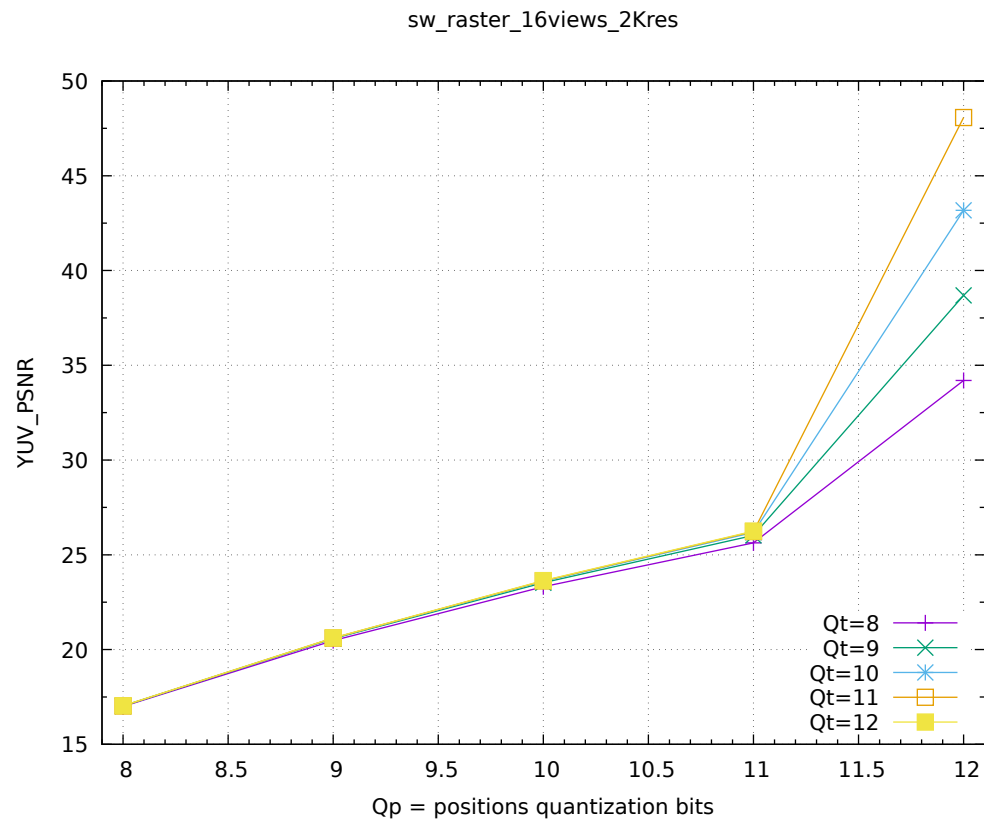
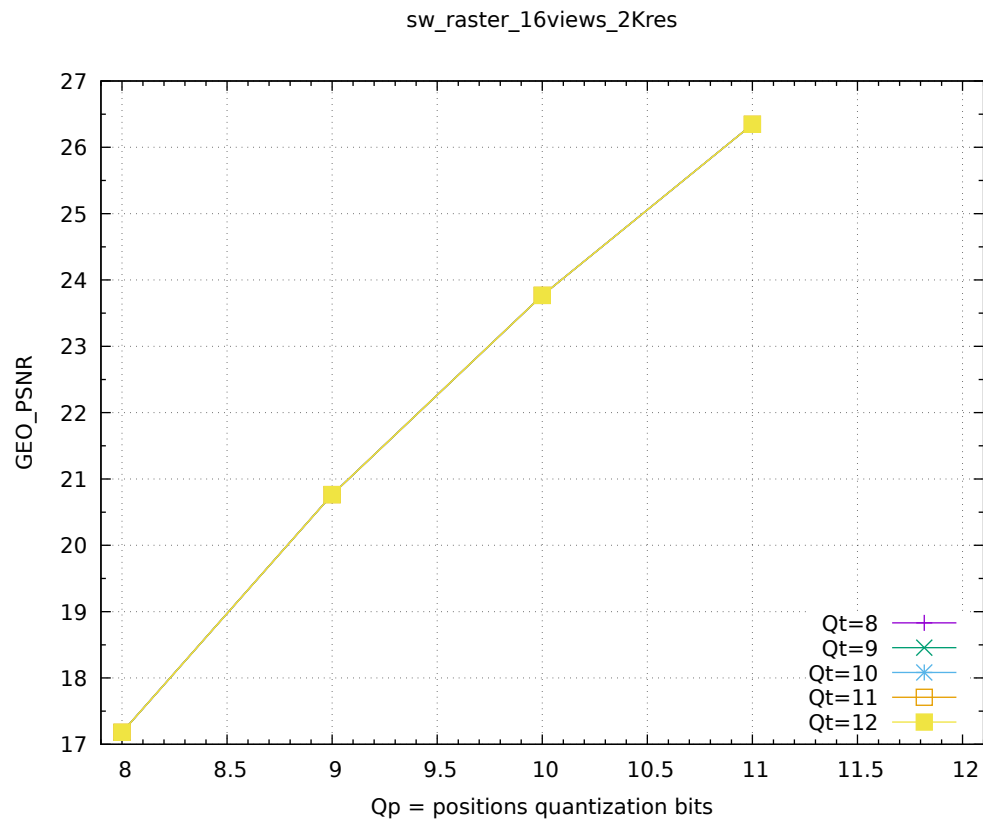
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
10	12	inf	inf	0.0000	0.0000	3.0024
10	11	inf	40.3849	0.0000	5.9511	3.0116
10	10	inf	35.3189	0.0000	19.1069	3.0171
10	9	inf	30.6661	0.0000	55.7785	3.0089
10	8	inf	26.4855	0.0000	146.0610	2.9790
9	12	21.3086	20.3968	481.0858	593.4684	3.0419
9	11	21.3086	20.3724	481.0858	596.8108	3.0128
9	10	21.3086	20.3516	481.0858	599.6876	3.0095
9	9	21.3086	20.2026	481.0858	620.6181	3.0386
9	8	21.3086	19.7459	481.0858	689.4297	3.0699
8	12	18.5836	17.5829	900.9993	1134.4691	3.0763
8	11	18.5836	17.5788	900.9993	1135.5465	3.0843
8	10	18.5836	17.5659	900.9993	1138.9014	3.0692
8	9	18.5836	17.5200	900.9993	1151.0111	3.1481
8	8	18.5836	17.3615	900.9993	1193.7980	3.0932

ibsm = f(Qp) - redandblack_fr1450



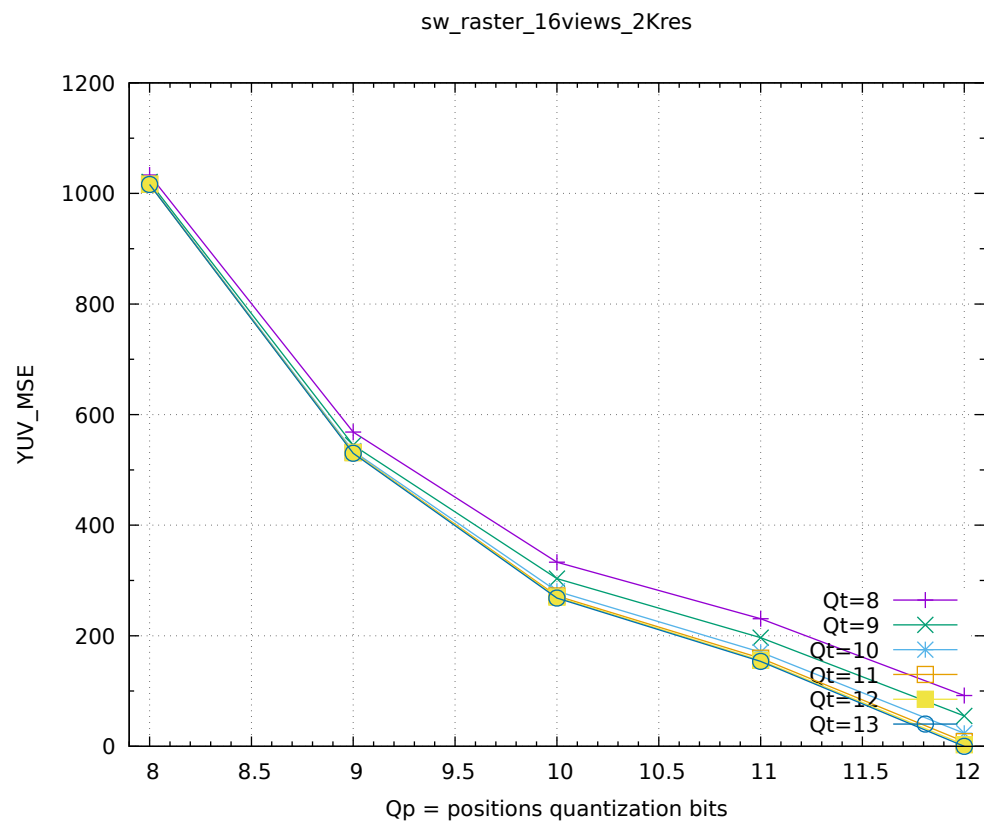
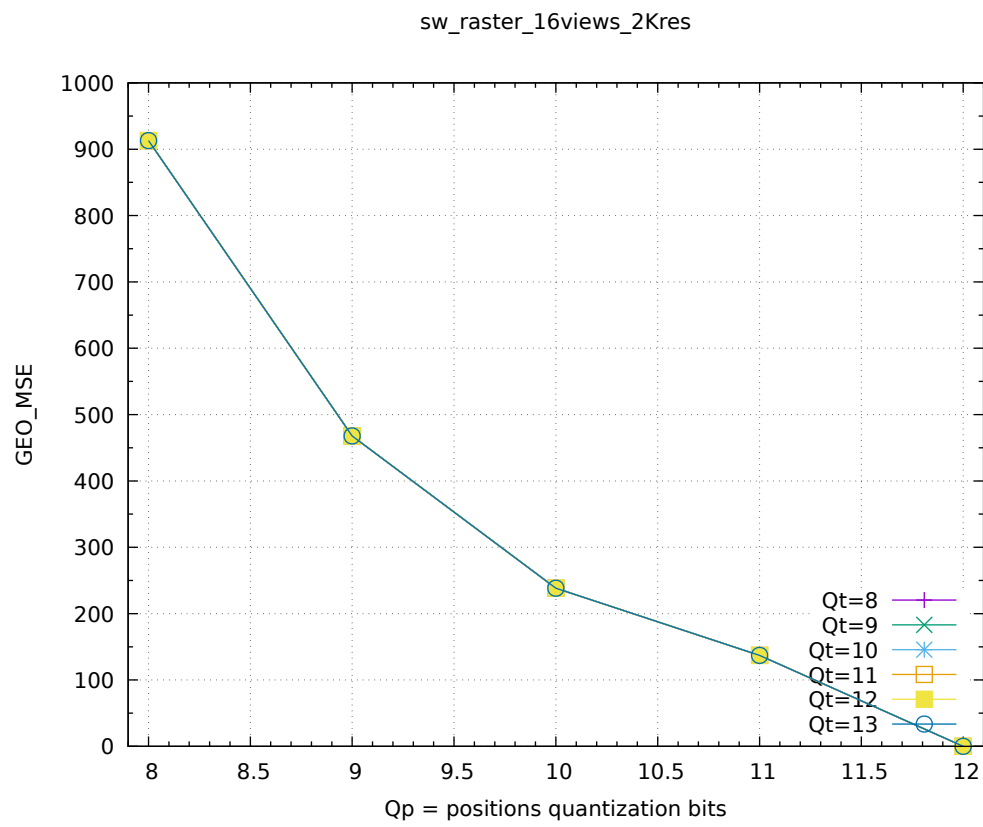
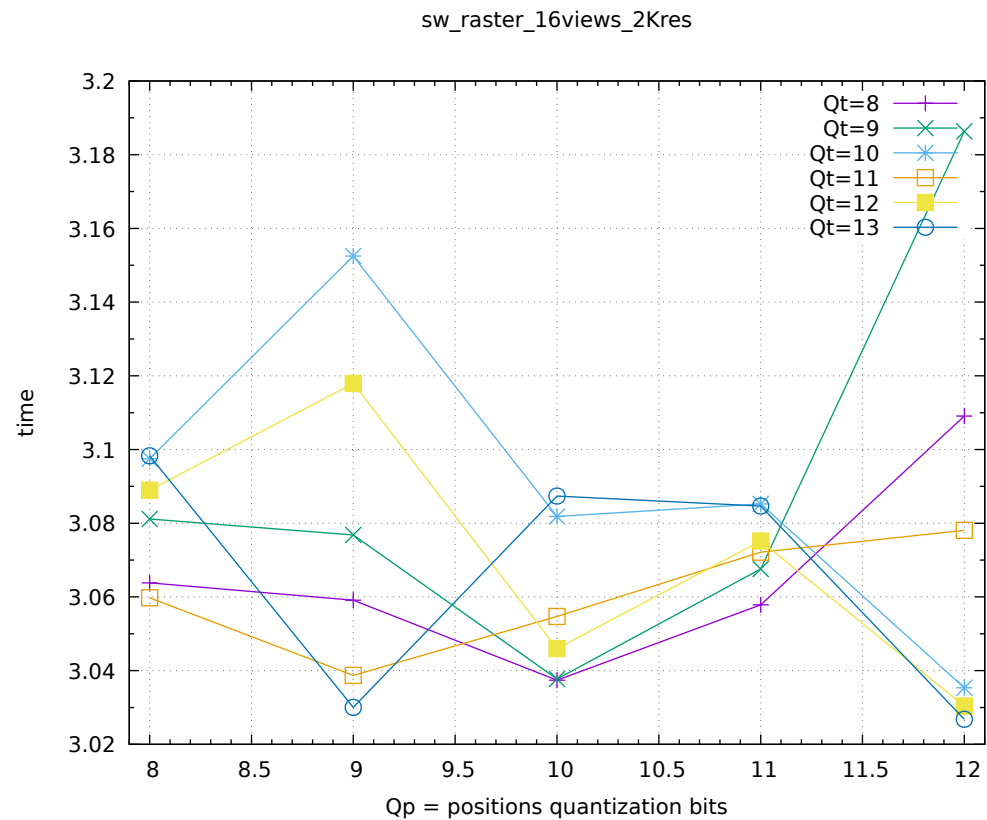
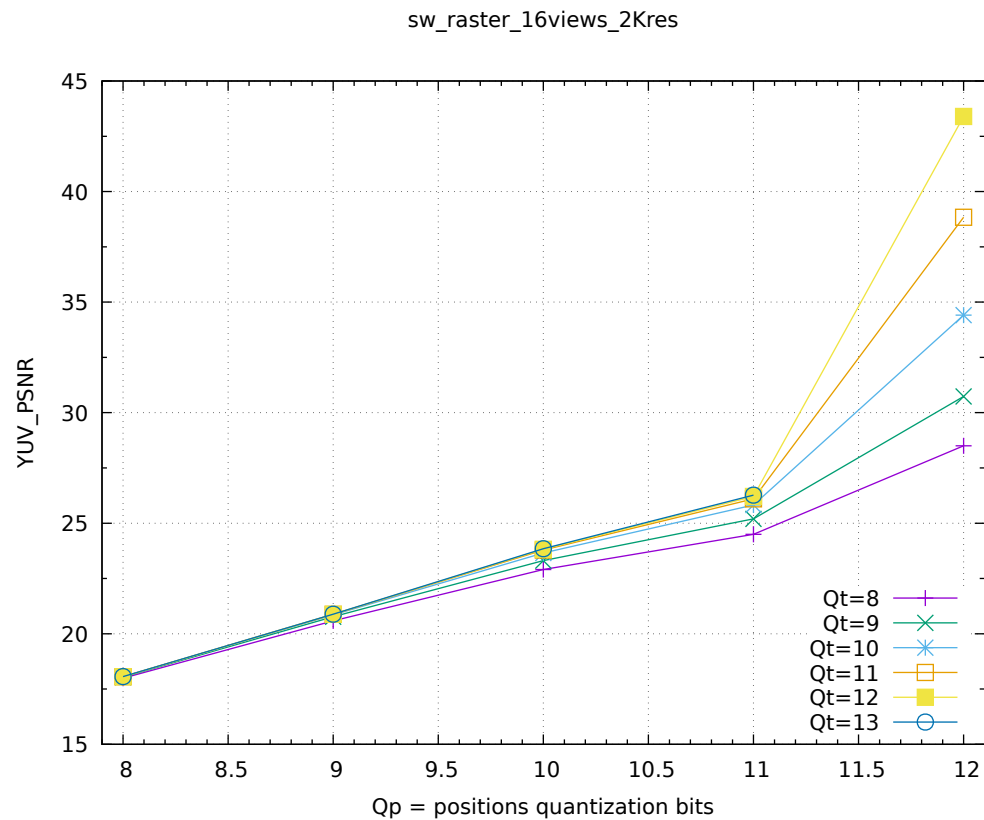
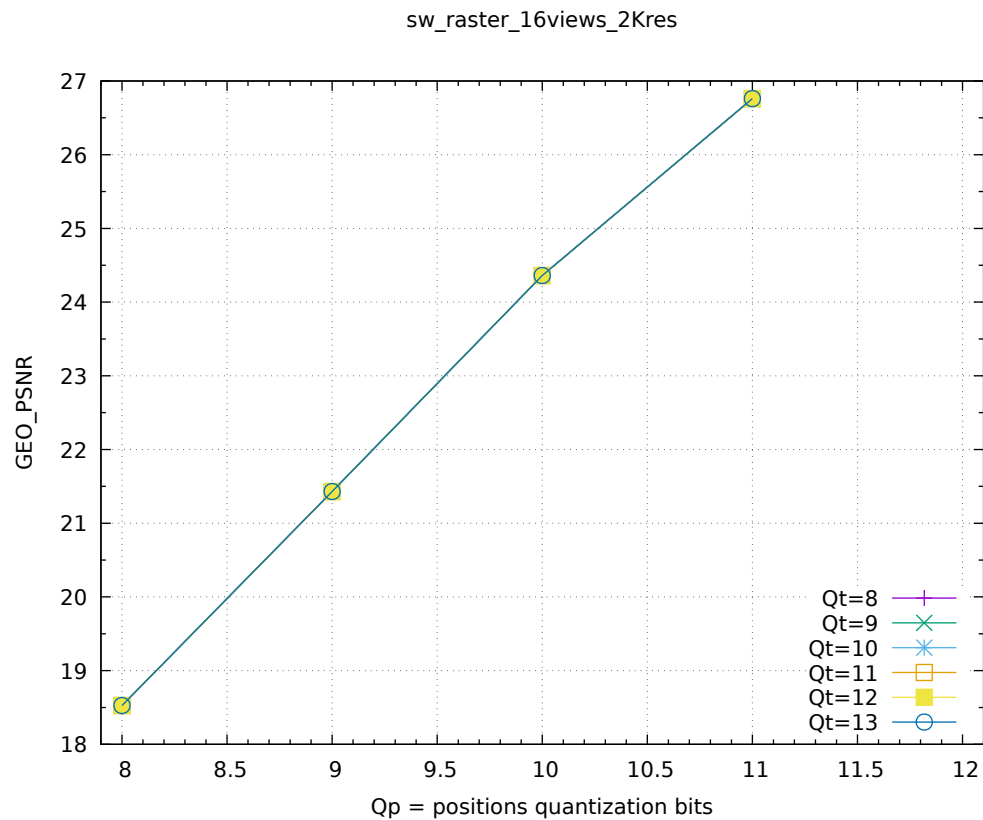
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
10	12	inf	inf	0.0000	0.0000	3.0596
10	11	inf	45.3261	0.0000	1.9075	3.0789
10	10	inf	40.3680	0.0000	5.9742	3.0969
10	9	inf	35.8982	0.0000	16.7209	3.1099
10	8	inf	31.3581	0.0000	47.5636	3.0873
9	12	19.8444	19.5693	673.9733	718.0411	3.1084
9	11	19.8444	19.5659	673.9733	718.6116	3.1161
9	10	19.8444	19.5533	673.9733	720.6883	3.1069
9	9	19.8444	19.5163	673.9733	726.8671	3.1340
9	8	19.8444	19.3691	673.9733	751.9119	3.1238
8	12	17.3855	17.0144	1187.2258	1293.1383	3.1140
8	11	17.3855	17.0121	1187.2258	1293.8030	3.1265
8	10	17.3855	17.0062	1187.2258	1295.5730	3.1365
8	9	17.3855	16.9955	1187.2258	1298.7524	3.2451
8	8	17.3855	16.9345	1187.2258	1317.1320	3.1438

ibsm = f(Qp) - exercise_fr0301



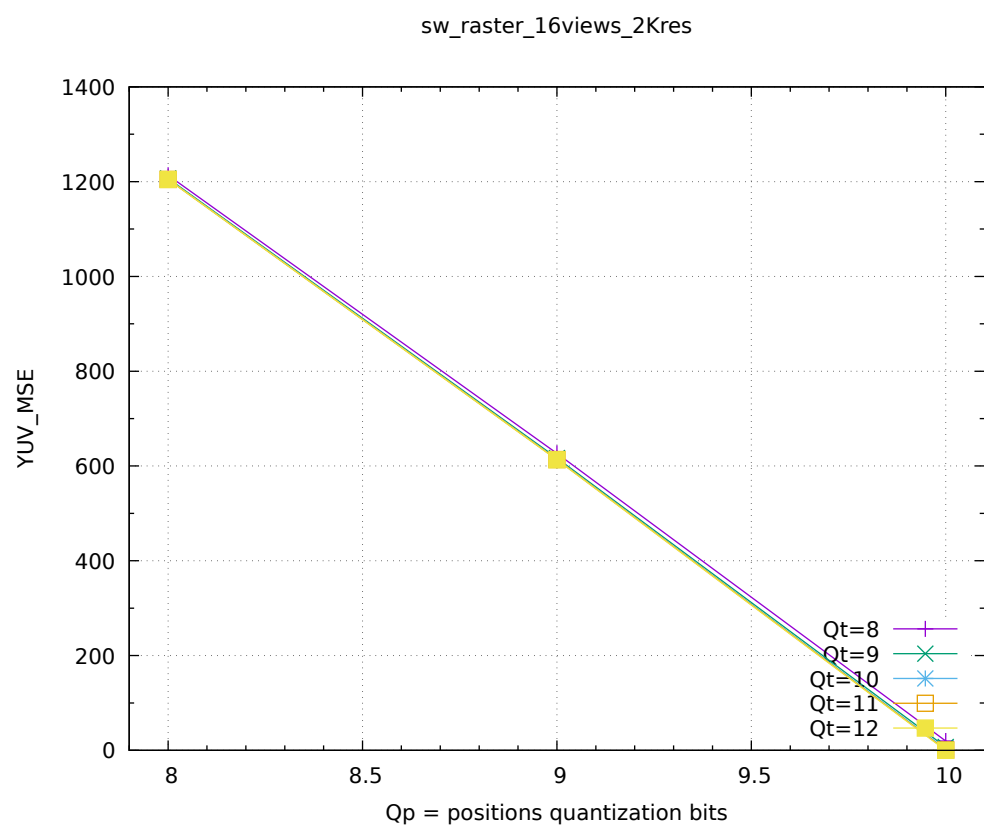
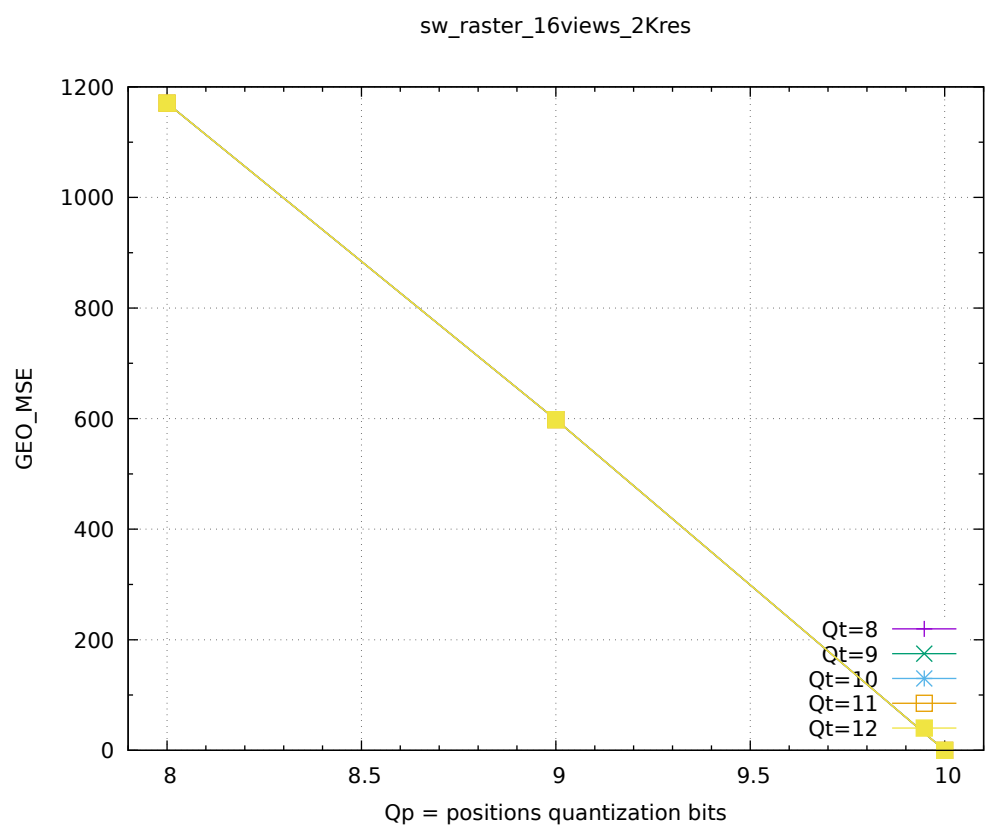
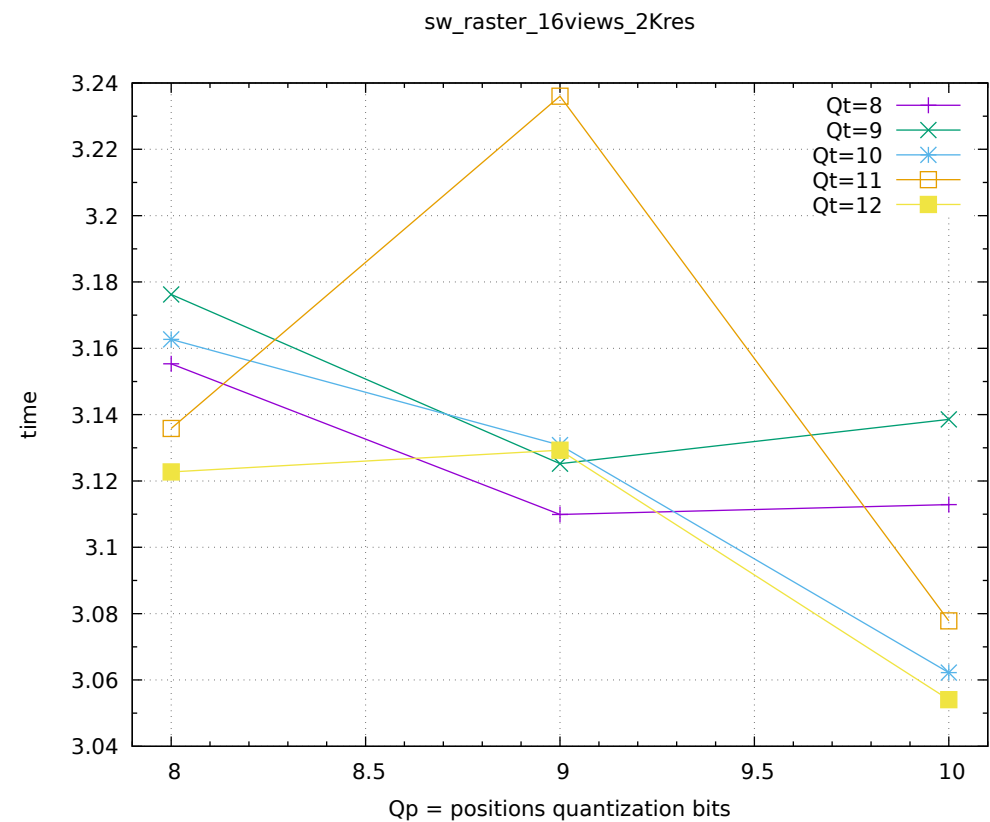
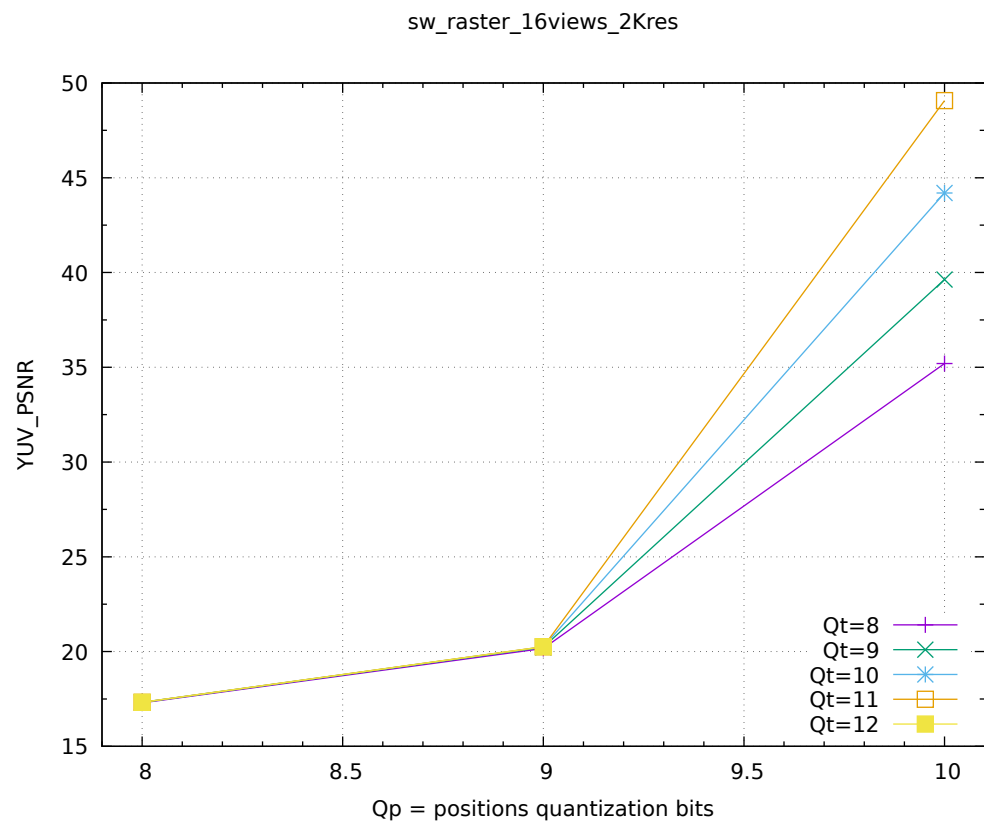
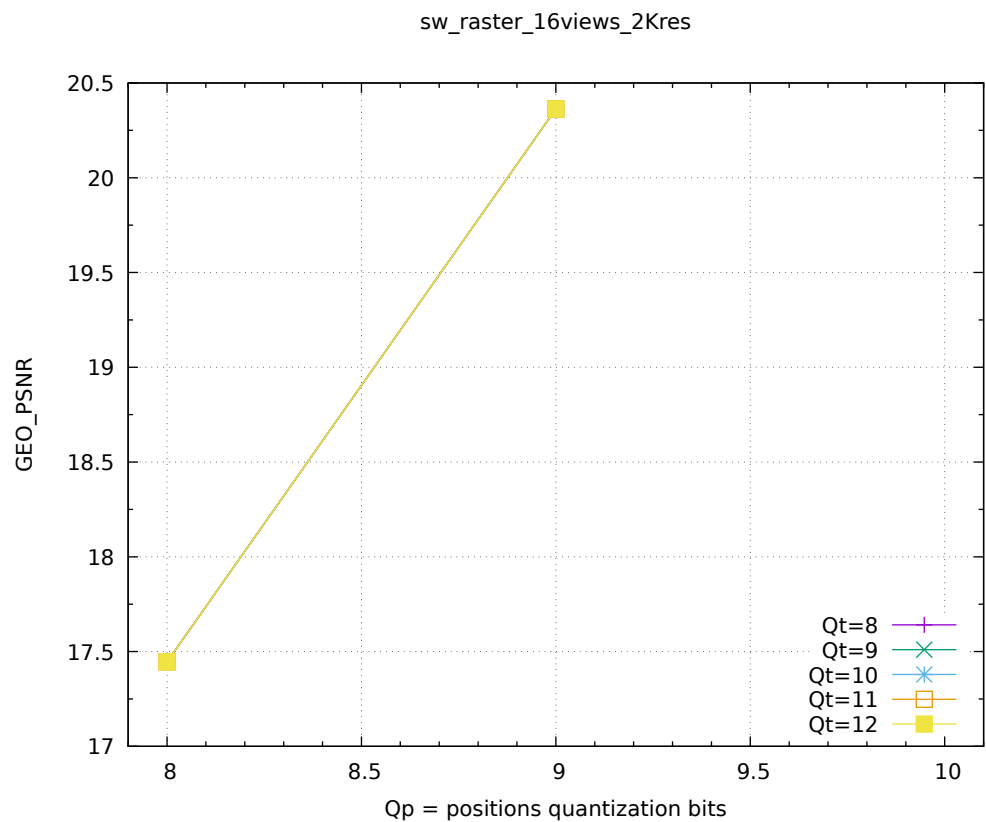
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	2.7452
12	11	inf	47.8630	0.0000	1.0636	2.7369
12	10	inf	43.0697	0.0000	3.2071	2.7169
12	9	inf	38.6210	0.0000	8.9326	2.7294
12	8	inf	34.1652	0.0000	24.9205	2.7160
11	12	26.3473	26.2469	150.7833	154.3099	2.7639
11	11	26.3473	26.2273	150.7833	155.0050	2.7630
11	10	26.3473	26.1752	150.7833	156.8783	2.7284
11	9	26.3473	26.0228	150.7833	162.4793	2.7693
11	8	26.3473	25.6254	150.7833	178.0492	2.7722
10	12	23.7671	23.6353	273.1331	281.5462	2.7433
10	11	23.7671	23.6259	273.1331	282.1586	2.8044
10	10	23.7671	23.5992	273.1331	283.8951	2.7928
10	9	23.7671	23.5271	273.1331	288.6501	2.7957
10	8	23.7671	23.3130	273.1331	303.2389	2.7382
9	12	20.7652	20.6115	545.2054	564.8414	2.7728
9	11	20.7652	20.6086	545.2054	565.2294	2.7552
9	10	20.7652	20.5989	545.2054	566.4840	2.7651
9	9	20.7652	20.5757	545.2054	569.5255	2.7529
9	8	20.7652	20.4749	545.2054	582.8901	2.7551
8	12	17.1809	17.0285	1244.4745	1288.9365	2.7382
8	11	17.1809	17.0272	1244.4745	1289.3199	2.7420
8	10	17.1809	17.0257	1244.4745	1289.7692	2.7939
8	9	17.1809	17.0200	1244.4745	1291.4585	2.7623
8	8	17.1809	16.9947	1244.4745	1298.9886	2.7857

ibsm = f(Qp) - thomas_fr0618



qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	13	inf	inf	0.0000	0.0000	3.0268
12	12	inf	43.2462	0.0000	3.0793	3.0304
12	11	inf	38.7059	0.0000	8.7597	3.0781
12	10	inf	34.2926	0.0000	24.2003	3.0353
12	9	inf	30.6208	0.0000	56.3633	3.1863
12	8	inf	28.3803	0.0000	94.4164	3.1091
11	13	26.7612	26.2516	137.0746	154.1408	3.0847
11	12	26.7612	26.1915	137.0746	156.2903	3.0752
11	11	26.7612	26.0857	137.0746	160.1450	3.0721
11	10	26.7612	25.7959	137.0746	171.1929	3.0852
11	9	26.7612	25.1580	137.0746	198.2784	3.0676
11	8	26.7612	24.4485	137.0746	233.4713	3.0578
10	13	24.3601	23.8316	238.2726	269.1033	3.0874
10	12	24.3601	23.8039	238.2726	270.8260	3.0460
10	11	24.3601	23.7661	238.2726	273.1957	3.0547
10	10	24.3601	23.6319	238.2726	281.7673	3.0818
10	9	24.3601	23.2828	238.2726	305.3531	3.0377
10	8	24.3601	22.8684	238.2726	335.9250	3.0374
9	13	21.4292	20.8693	467.9095	532.2889	3.0300
9	12	21.4292	20.8610	467.9095	533.3073	3.1180
9	11	21.4292	20.8586	467.9095	533.6102	3.0387
9	10	21.4292	20.8371	467.9095	536.2551	3.1525
9	9	21.4292	20.7475	467.9095	547.4276	3.0768
9	8	21.4292	20.5583	467.9095	571.8112	3.0591
8	13	18.5262	18.0439	912.9781	1020.2134	3.0983
8	12	18.5262	18.0424	912.9781	1020.5635	3.0889
8	11	18.5262	18.0431	912.9781	1020.4045	3.0598
8	10	18.5262	18.0413	912.9781	1020.8216	3.0975
8	9	18.5262	18.0247	912.9781	1024.7394	3.0812
8	8	18.5262	17.9686	912.9781	1038.0557	3.0638

$$\text{ibsm} = f(Q_p) - \text{loot_fr1000}$$



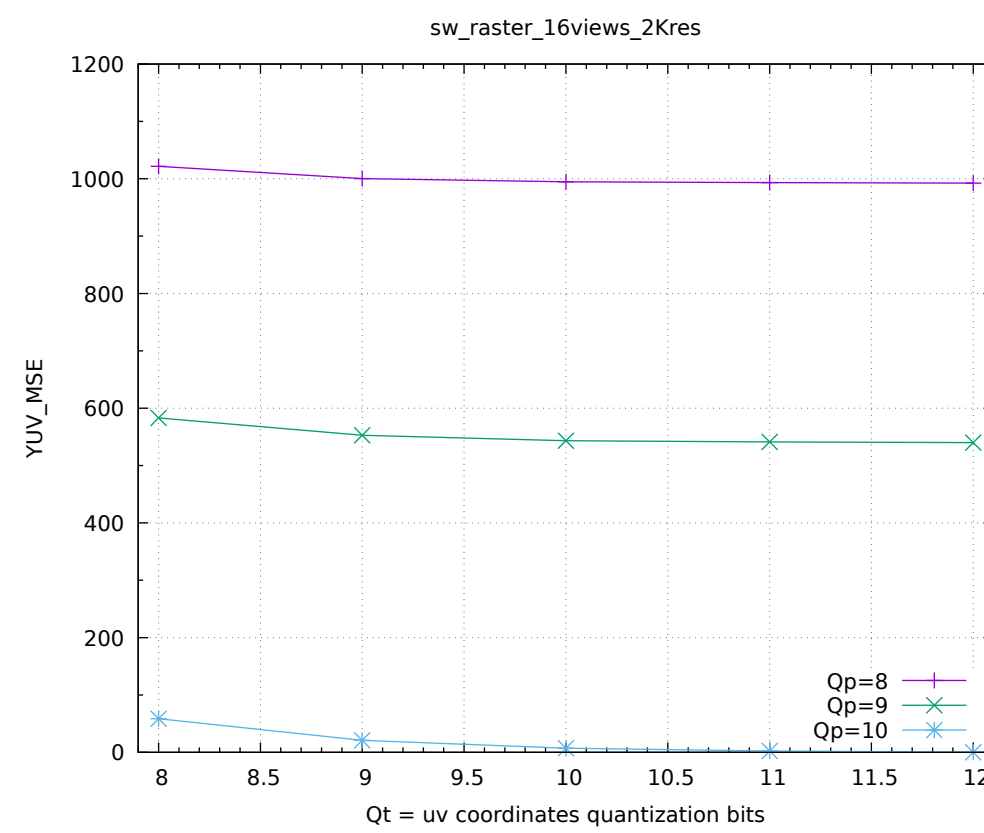
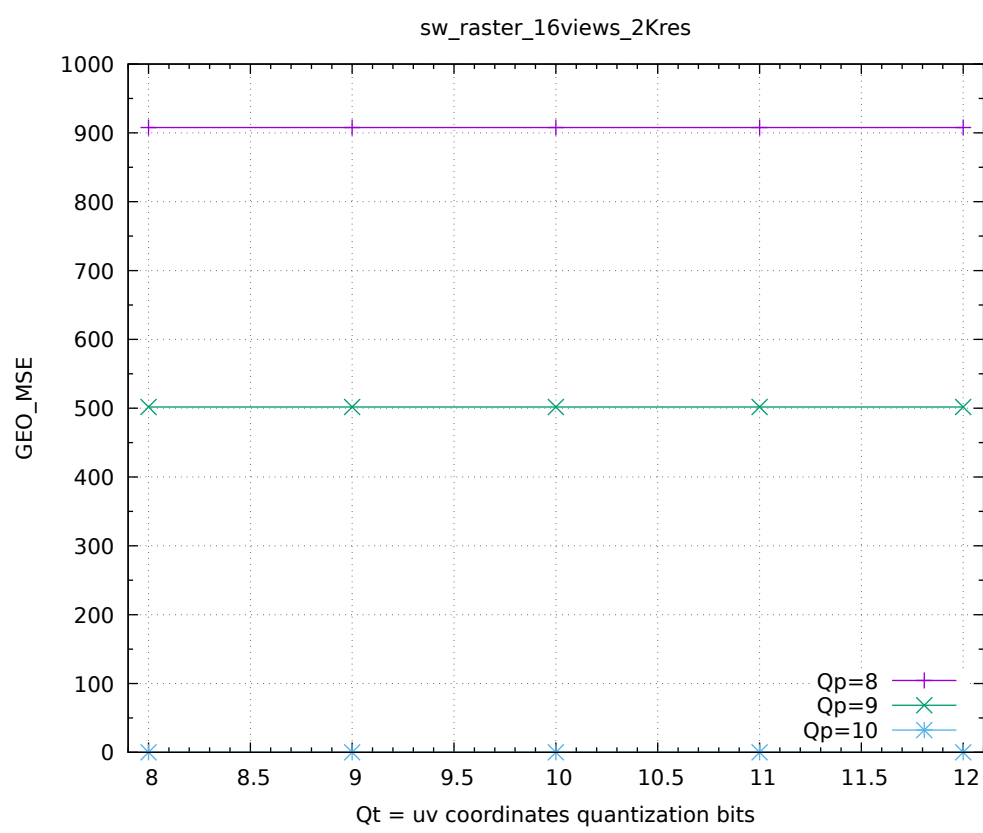
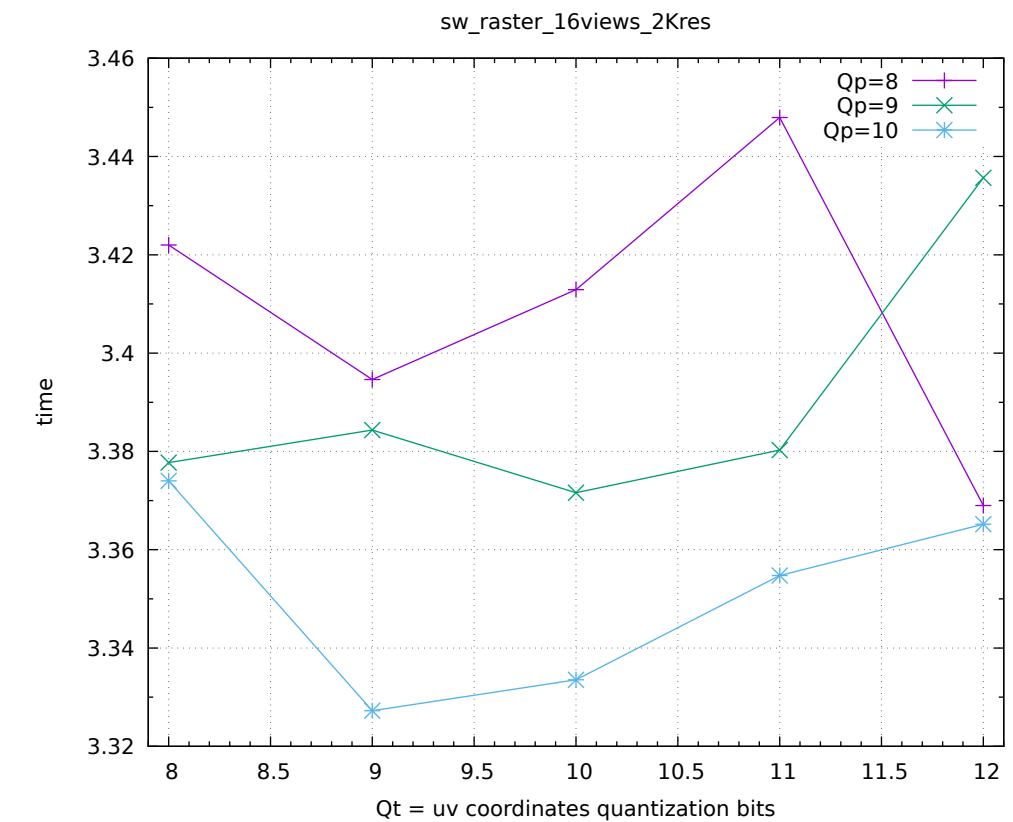
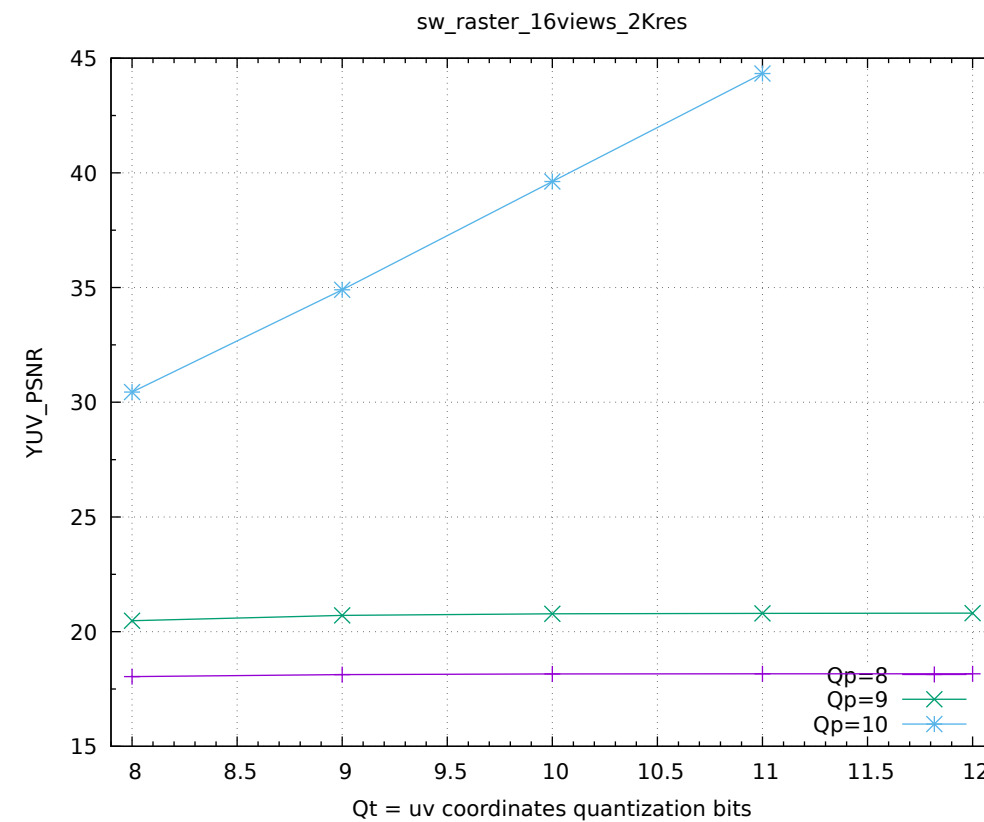
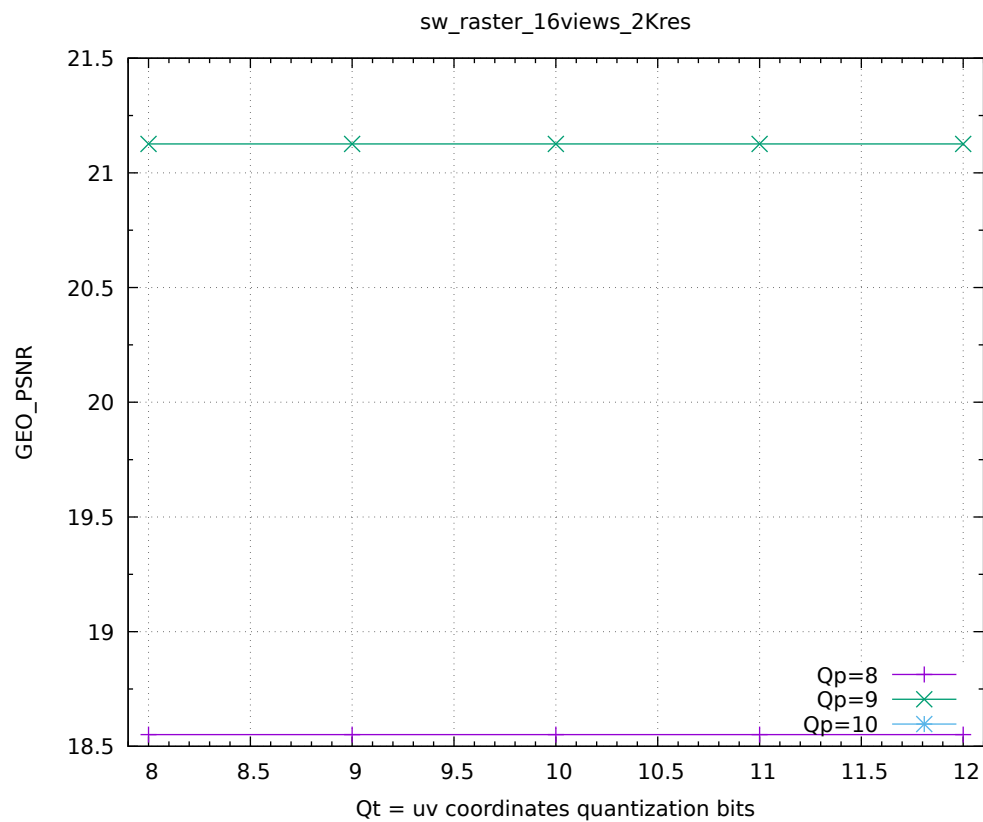
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
10	12	inf	inf	0.0000	0.0000	3.0541
10	11	inf	48.8756	0.0000	0.8424	3.0778
10	10	inf	44.0790	0.0000	2.5420	3.0622
10	9	inf	39.5302	0.0000	7.2454	3.1386
10	8	inf	35.1020	0.0000	20.0853	3.1129
9	12	20.3632	20.2513	598.0873	613.6866	3.1293
9	11	20.3632	20.2483	598.0873	614.1190	3.2360
9	10	20.3632	20.2438	598.0873	614.7527	3.1308
9	9	20.3632	20.2247	598.0873	617.4601	3.1252
9	8	20.3632	20.1553	598.0873	627.4127	3.1099
8	12	17.4464	17.3181	1170.6985	1205.7861	3.1228
8	11	17.4464	17.3170	1170.6985	1206.0791	3.1359
8	10	17.4464	17.3148	1170.6985	1206.7100	3.1627
8	9	17.4464	17.3097	1170.6985	1208.1317	3.1762
8	8	17.4464	17.2852	1170.6985	1214.9667	3.1553

distortion= mm quantize/dequantize

metric software = merror

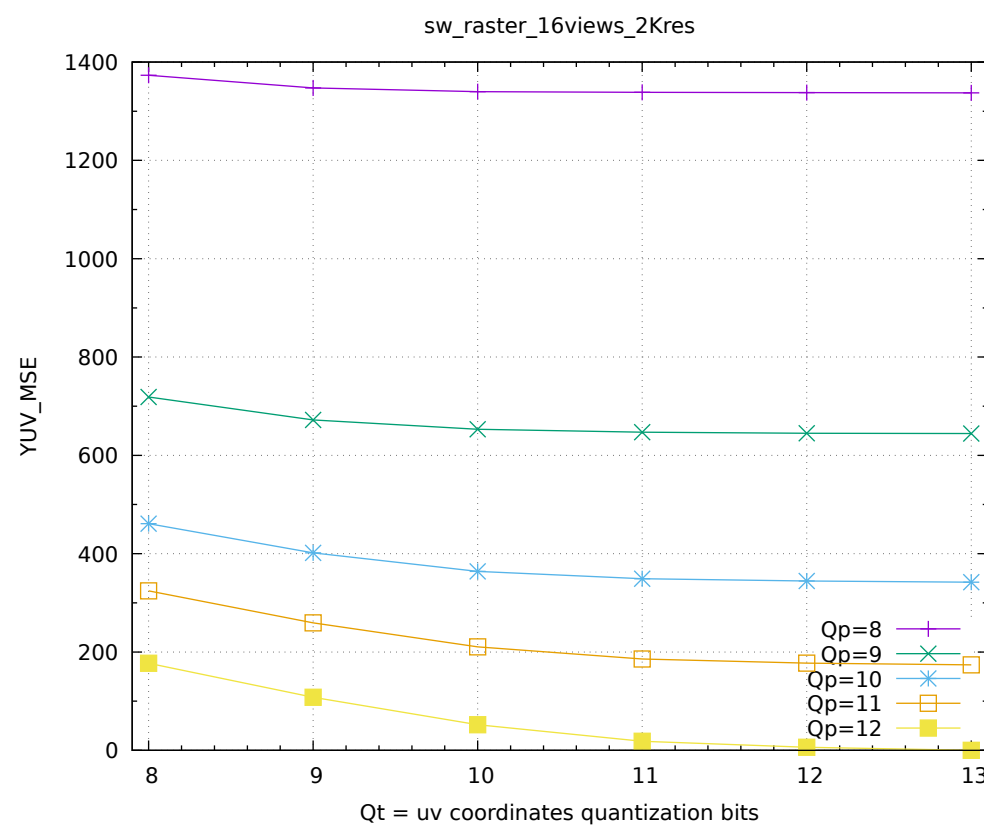
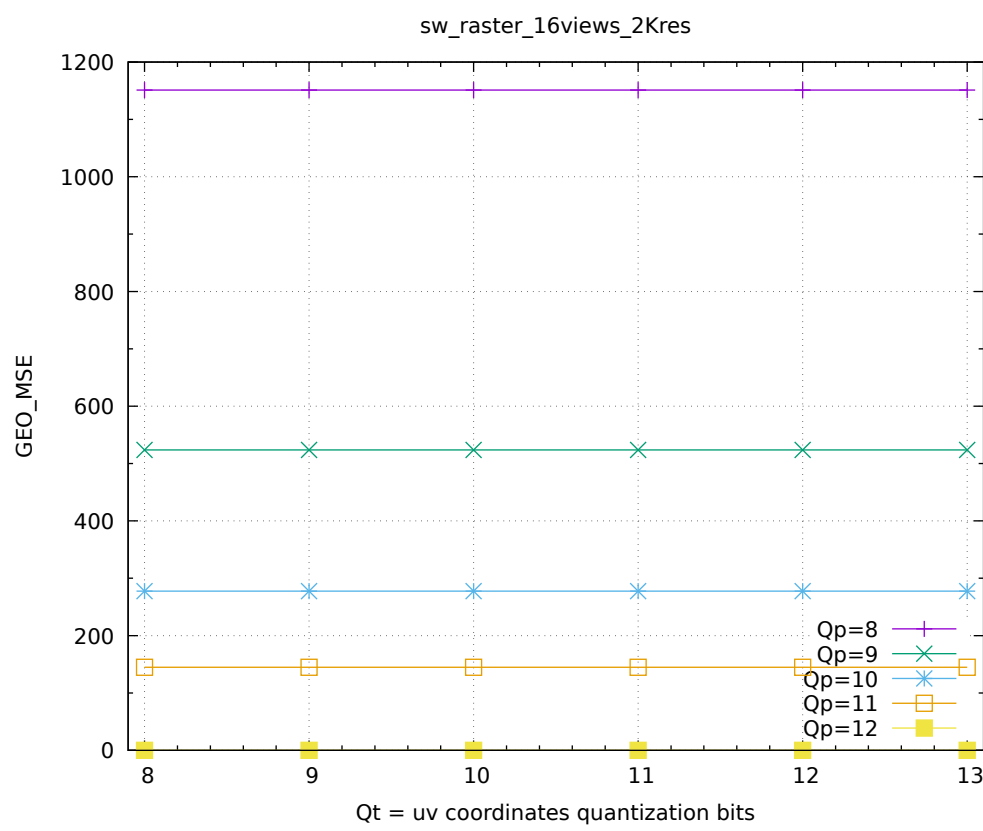
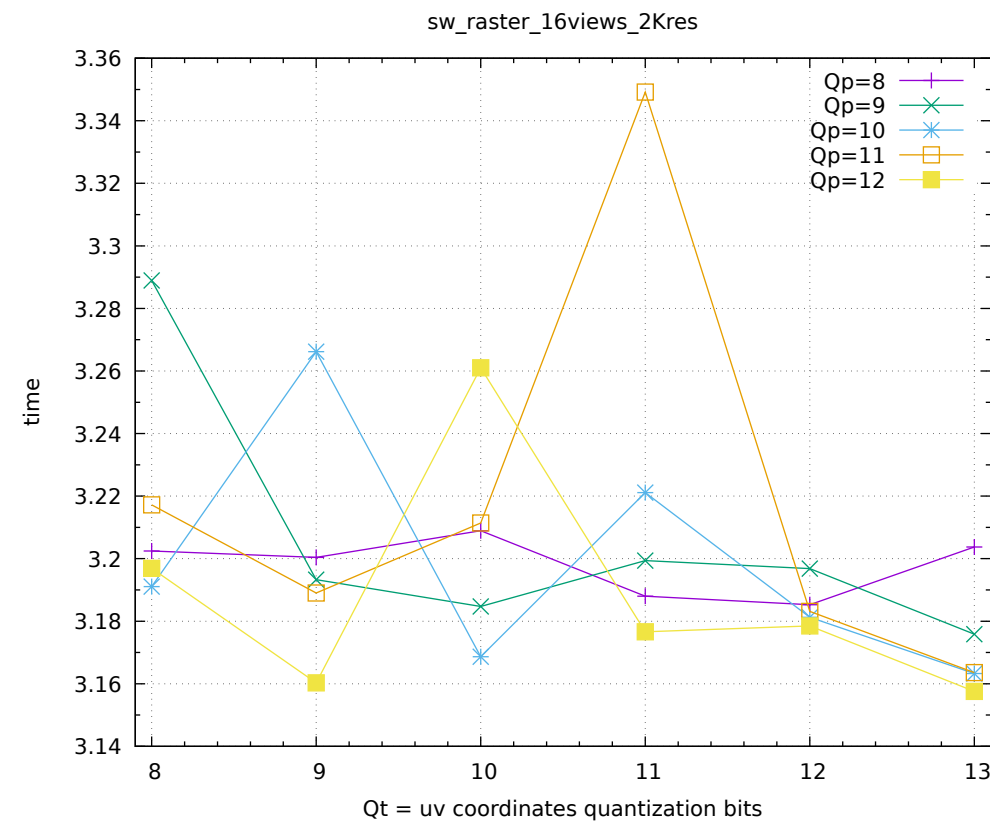
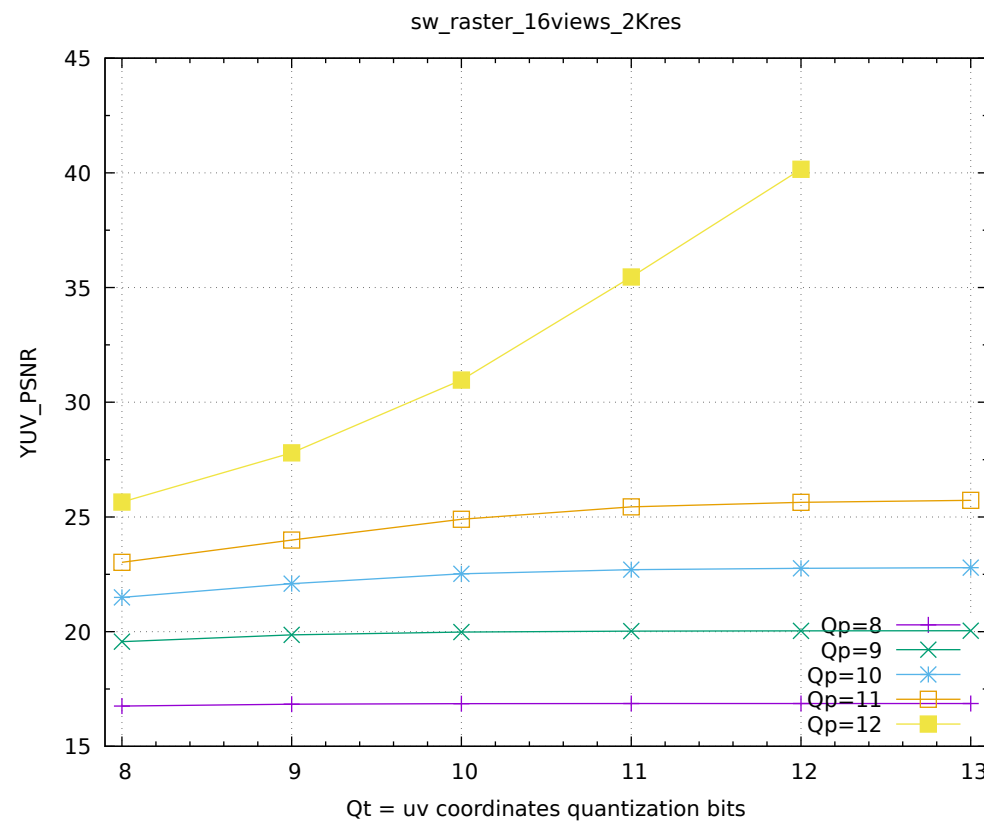
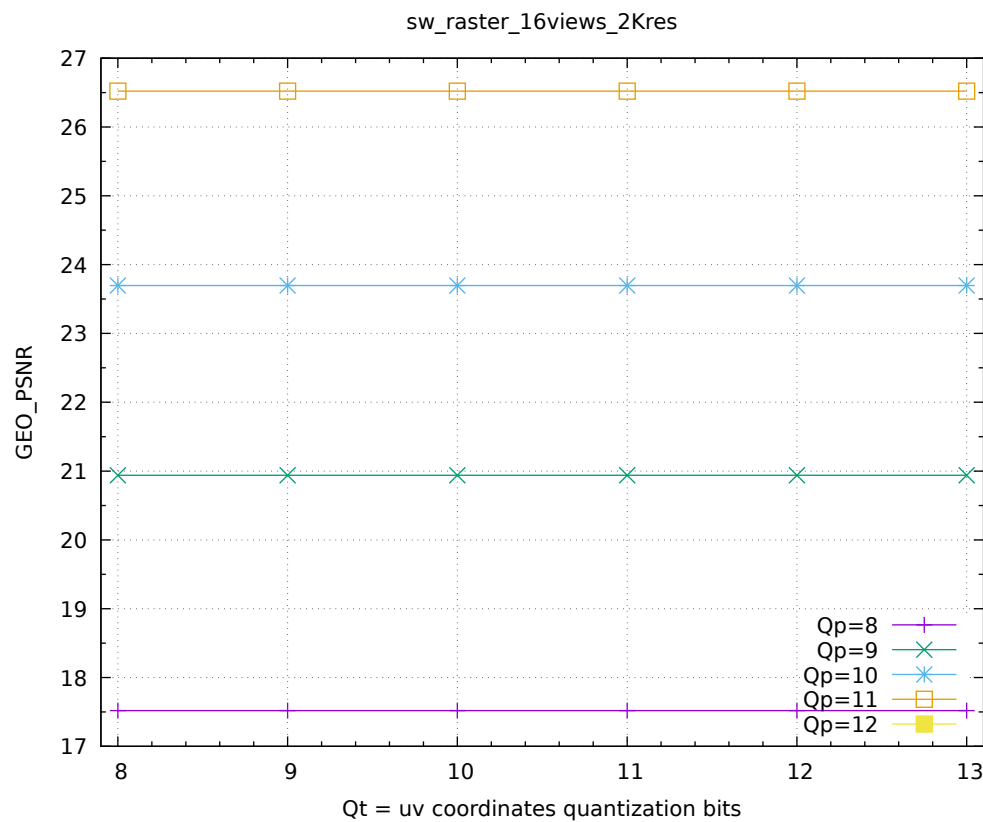
ibsm = f(QT, nbviews=16, resolution=2K)

ibsm = f(Q_t) - soldier_fr0536



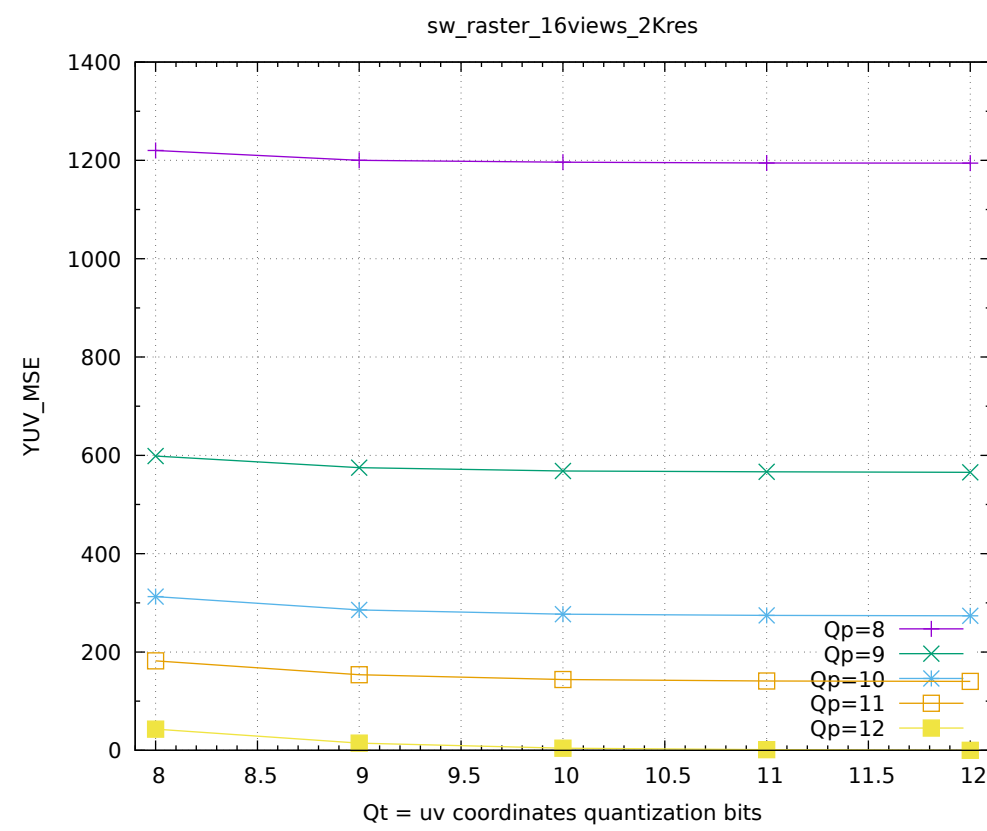
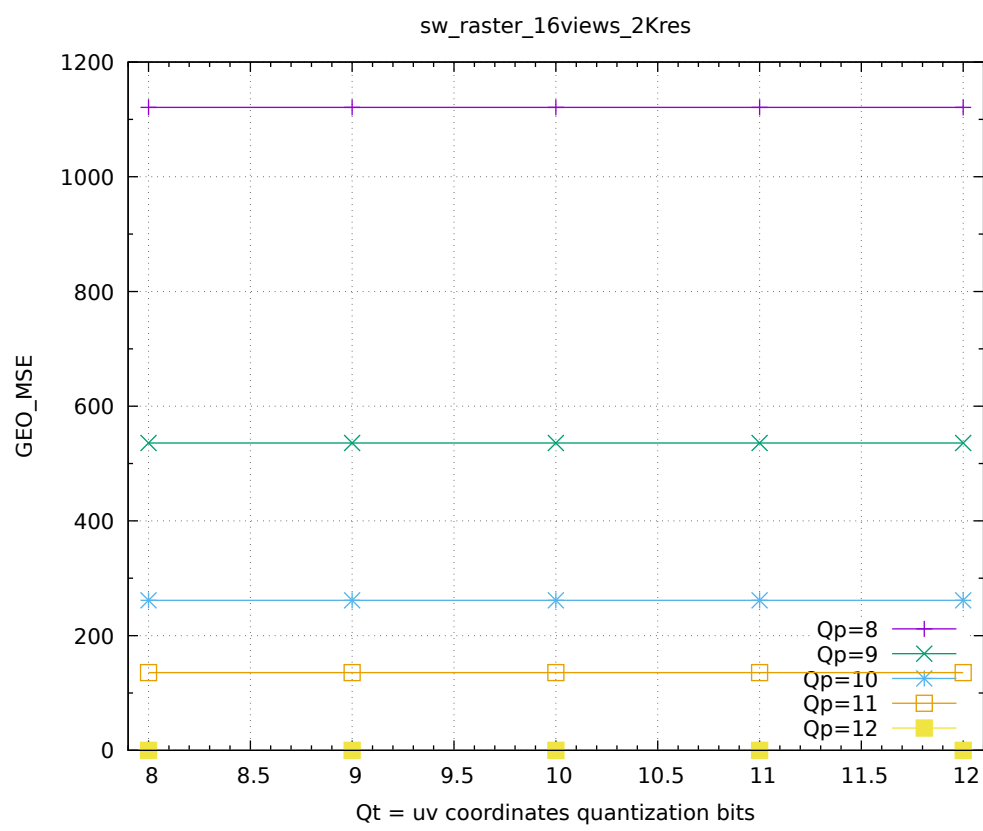
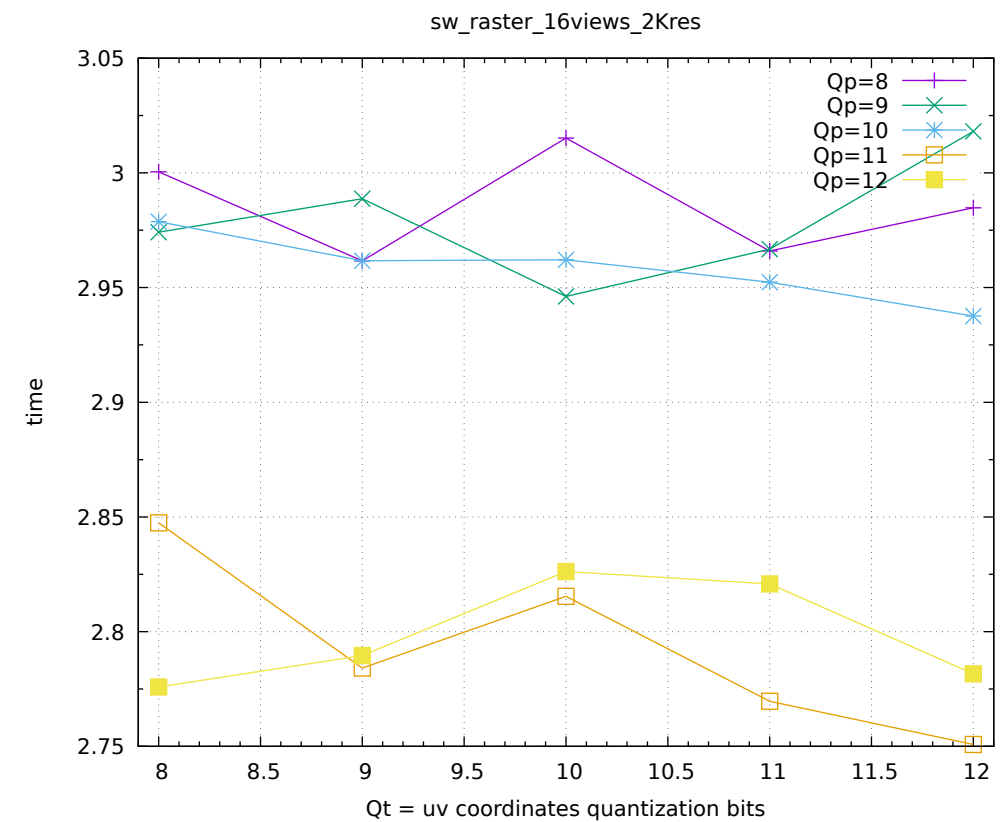
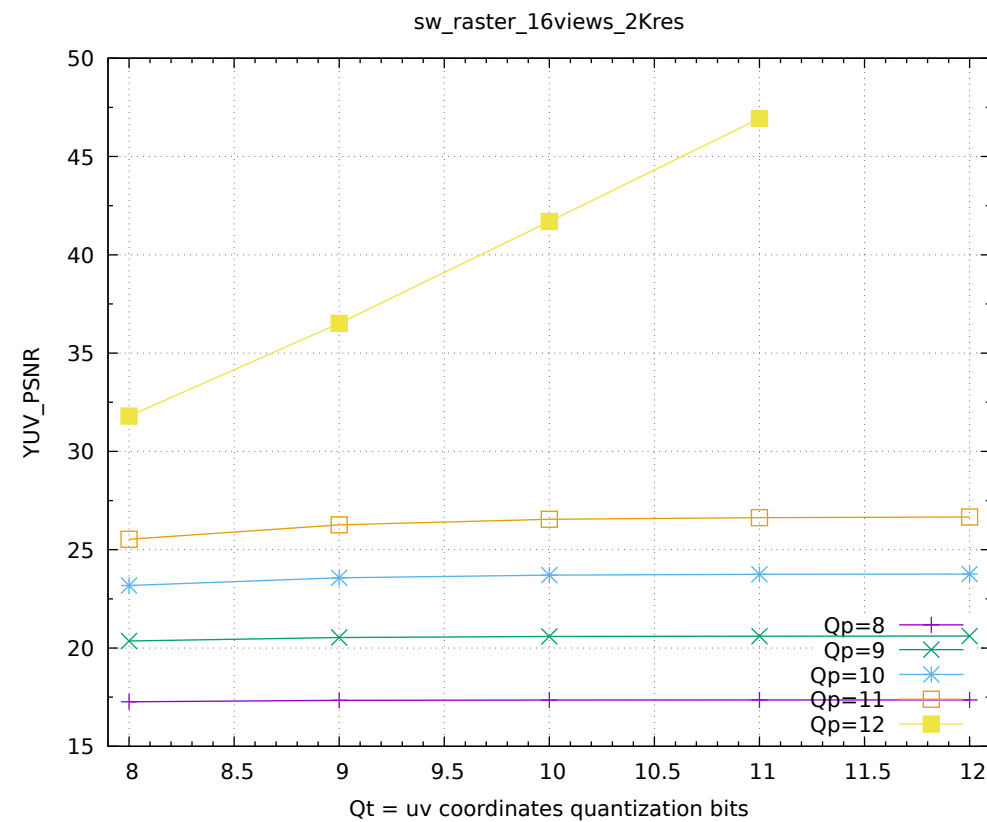
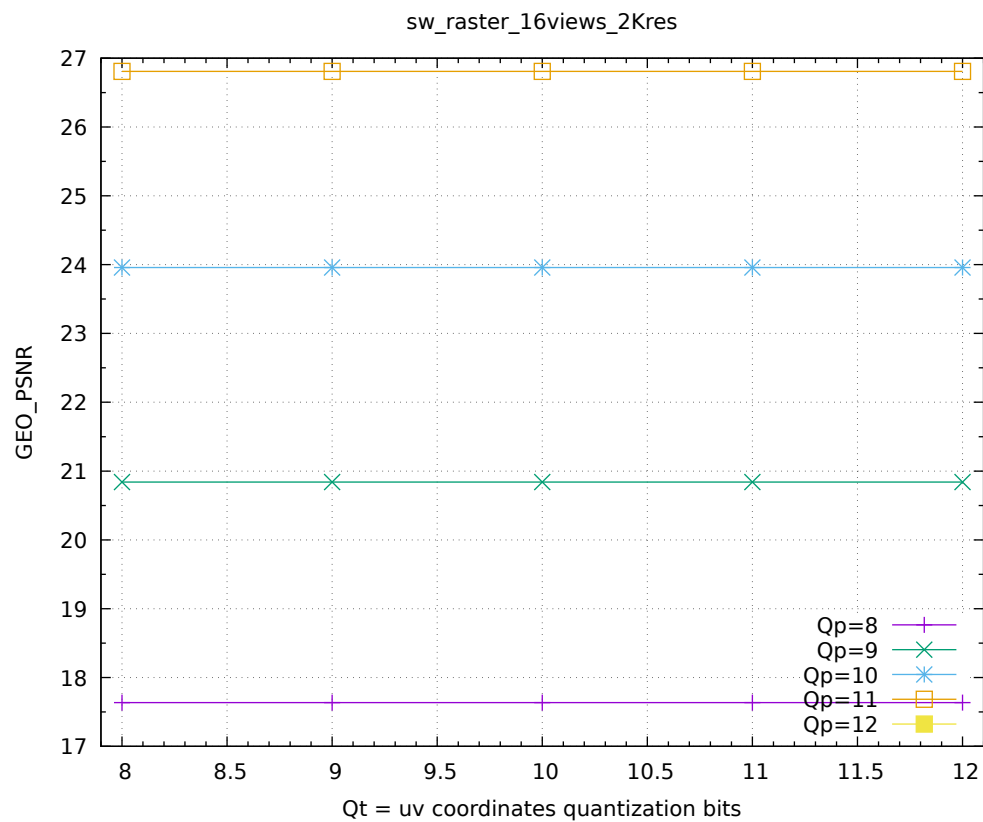
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
10	12	inf	inf	0.0000	0.0000	3.3652
10	11	inf	44.2784	0.0000	2.4279	3.3548
10	10	inf	39.5942	0.0000	7.1394	3.3335
10	9	inf	34.8820	0.0000	21.1290	3.3273
10	8	inf	30.4221	0.0000	59.0031	3.3740
9	12	21.1264	20.8036	501.6982	540.4117	3.4357
9	11	21.1264	20.7947	501.6982	541.5159	3.3803
9	10	21.1264	20.7768	501.6982	543.7521	3.3716
9	9	21.1264	20.7017	501.6982	553.2316	3.3843
9	8	21.1264	20.4694	501.6982	583.6312	3.3777
8	12	18.5511	18.1605	907.7509	993.1825	3.3690
8	11	18.5511	18.1564	907.7509	994.1267	3.4479
8	10	18.5511	18.1505	907.7509	995.4777	3.4129
8	9	18.5511	18.1256	907.7509	1001.2037	3.3946
8	8	18.5511	18.0328	907.7509	1022.8193	3.4220

ibsm = f(Qt) - mitch_fr0001



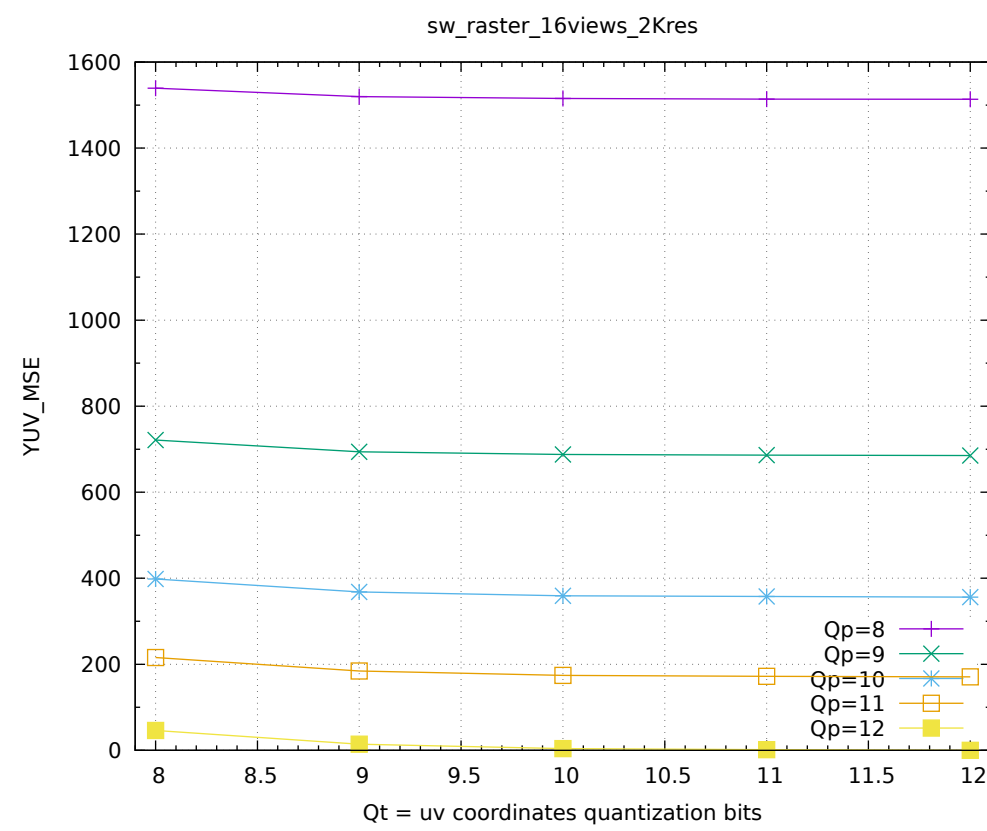
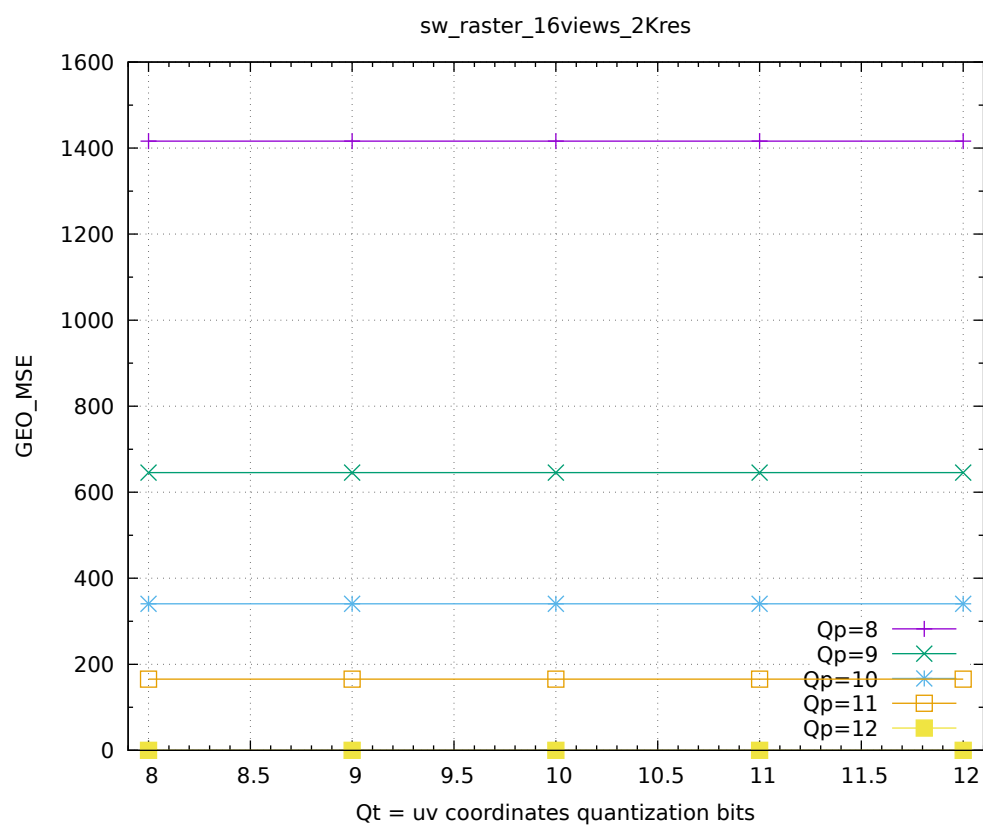
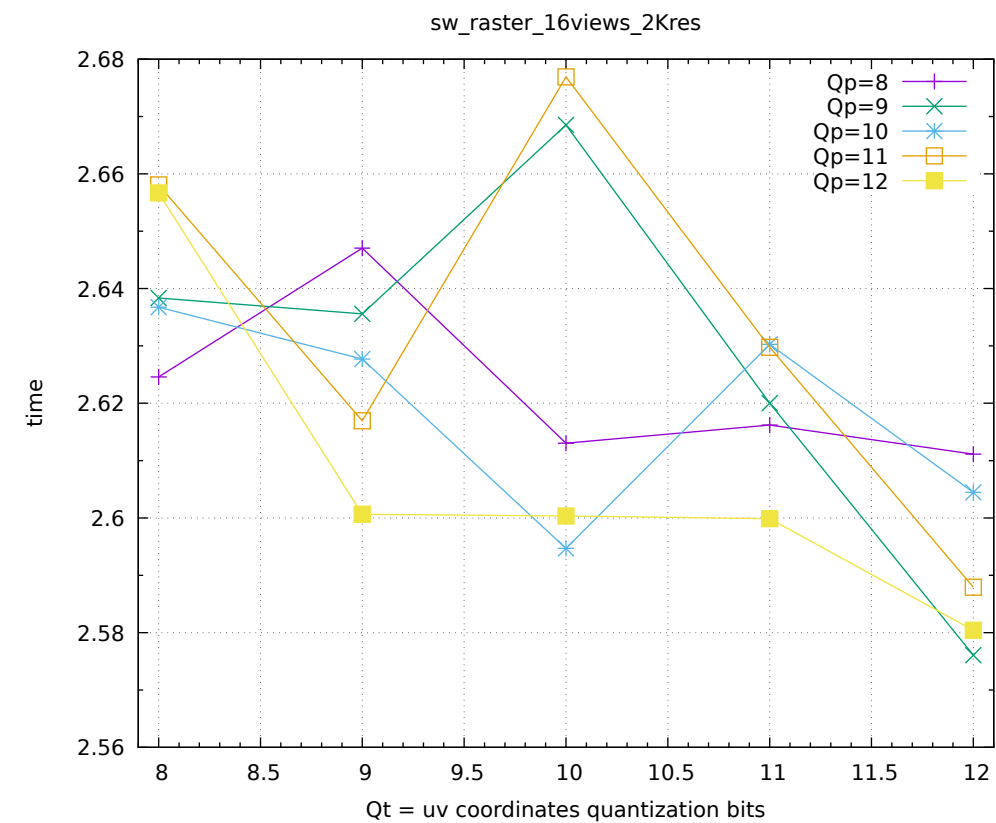
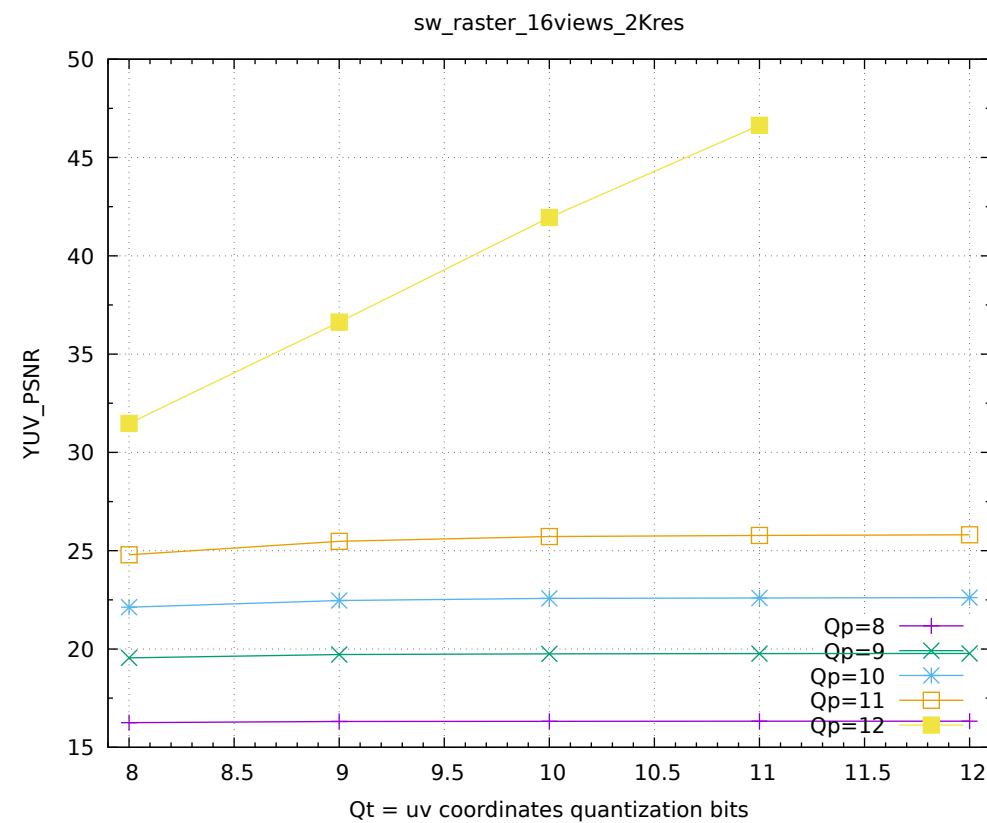
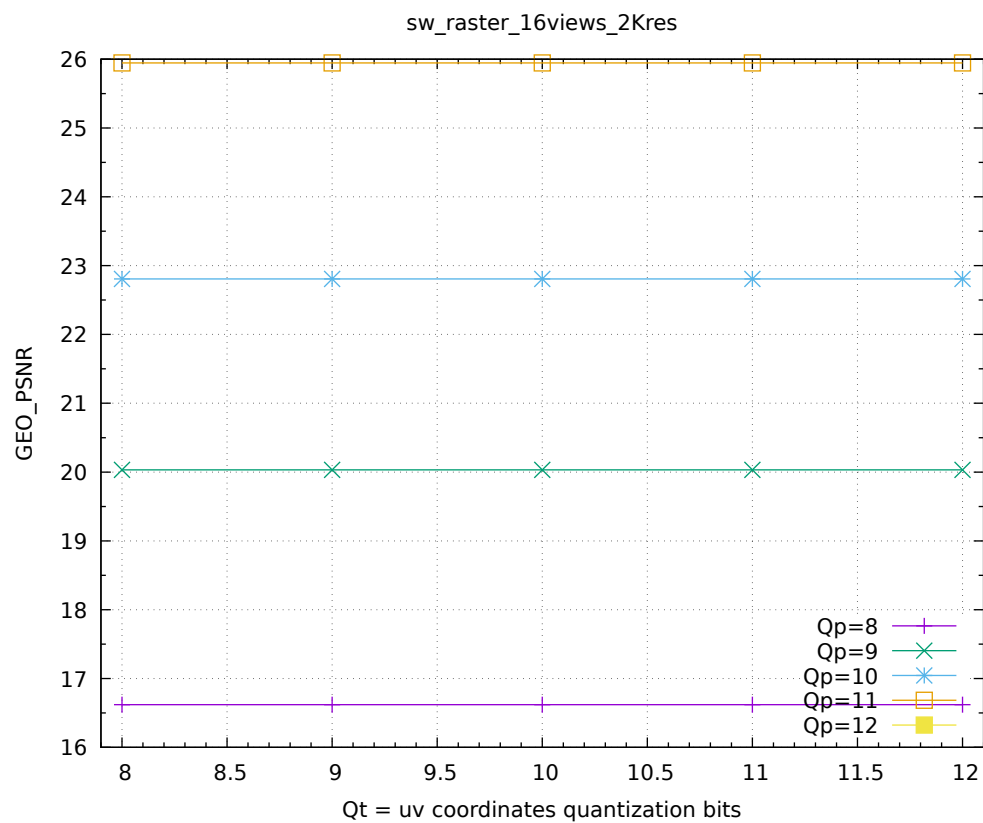
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	13	inf	inf	0.0000	0.0000	3.1575
12	12	inf	39.8981	0.0000	6.6569	3.1785
12	11	inf	35.2199	0.0000	19.5476	3.1766
12	10	inf	30.7570	0.0000	54.6240	3.2610
12	9	inf	27.6174	0.0000	112.5496	3.1603
12	8	inf	25.5136	0.0000	182.6925	3.1969
11	13	26.5208	25.6909	144.8761	175.3842	3.1636
11	12	26.5208	25.5999	144.8761	179.0982	3.1831
11	11	26.5208	25.3905	144.8761	187.9459	3.3492
11	10	26.5208	24.8375	144.8761	213.4670	3.2114
11	9	26.5208	23.9176	144.8761	263.8253	3.1890
11	8	26.5208	22.9468	144.8761	329.9174	3.2172
10	13	23.6959	22.7523	277.6458	345.0244	3.1633
10	12	23.6959	22.7215	277.6458	347.4844	3.1813
10	11	23.6959	22.6617	277.6458	352.2991	3.2211
10	10	23.6959	22.4745	277.6458	367.8148	3.1687
10	9	23.6959	22.0411	277.6458	406.4186	3.2662
10	8	23.6959	21.4404	277.6458	466.7047	3.1911
9	13	20.9399	20.0071	523.7074	649.1844	3.1759
9	12	20.9399	20.0030	523.7074	649.7968	3.1968
9	11	20.9399	19.9895	523.7074	651.8301	3.1994
9	10	20.9399	19.9487	523.7074	657.9752	3.1847
9	9	20.9399	19.8240	523.7074	677.1490	3.1933
9	8	20.9399	19.5294	523.7074	724.6665	3.2889
8	13	17.5196	16.8495	1151.1310	1343.1591	3.2037
8	12	17.5196	16.8485	1151.1310	1343.4729	3.1853
8	11	17.5196	16.8461	1151.1310	1344.2295	3.1880
8	10	17.5196	16.8418	1151.1310	1345.5586	3.2089
8	9	17.5196	16.8173	1151.1310	1353.1582	3.2004
8	8	17.5196	16.7330	1151.1310	1379.6835	3.2025

ibsm = f(Qt) - basketball_player_fr0001



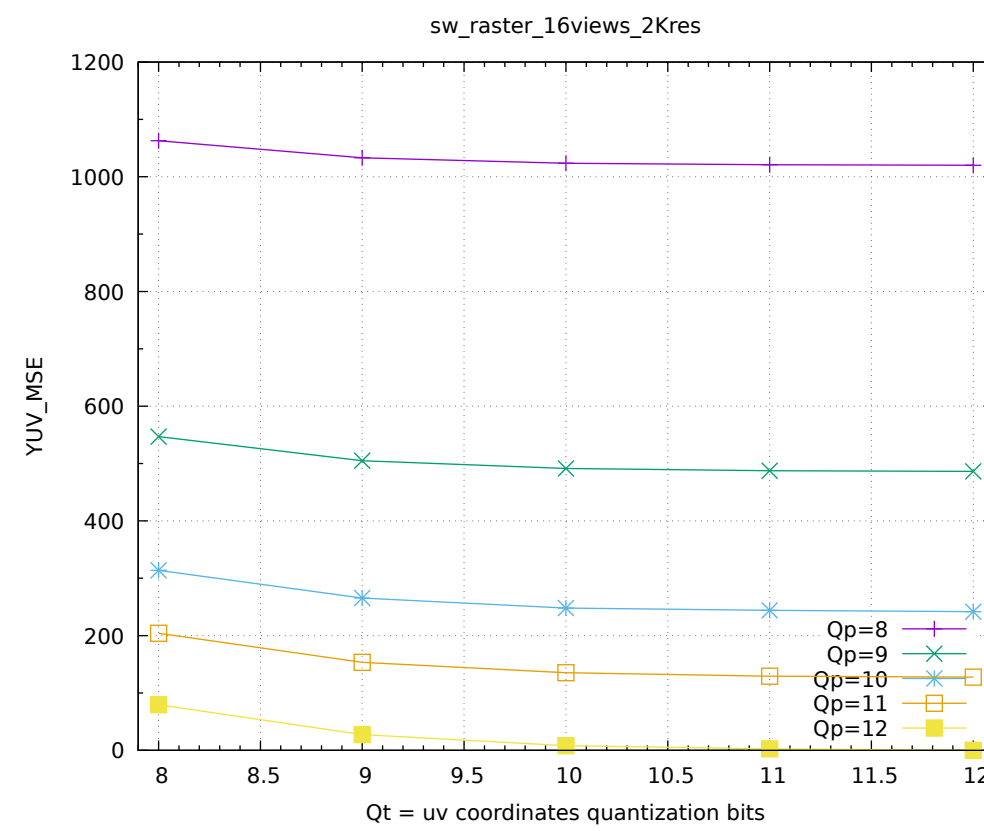
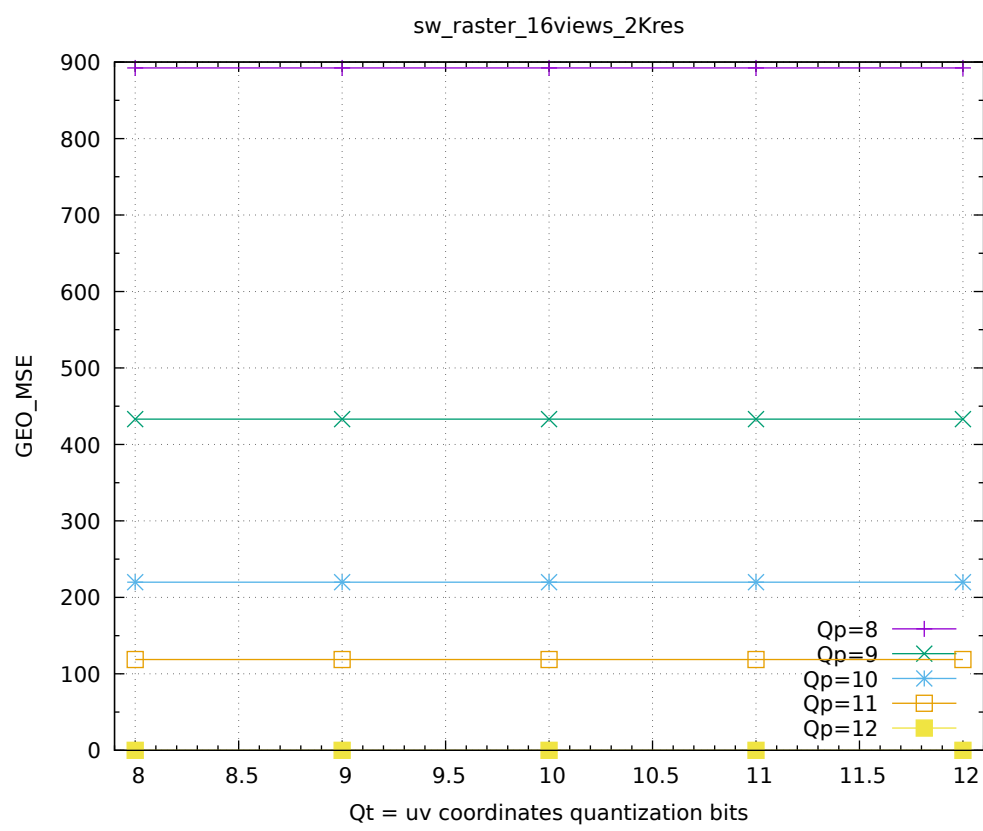
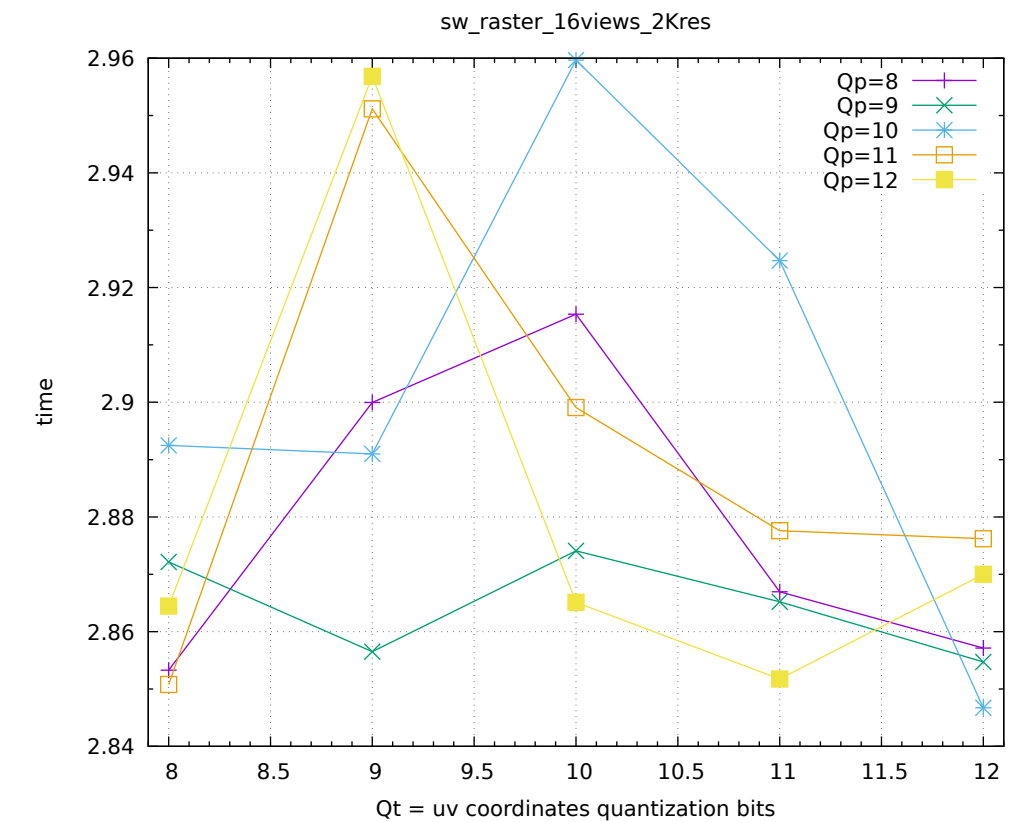
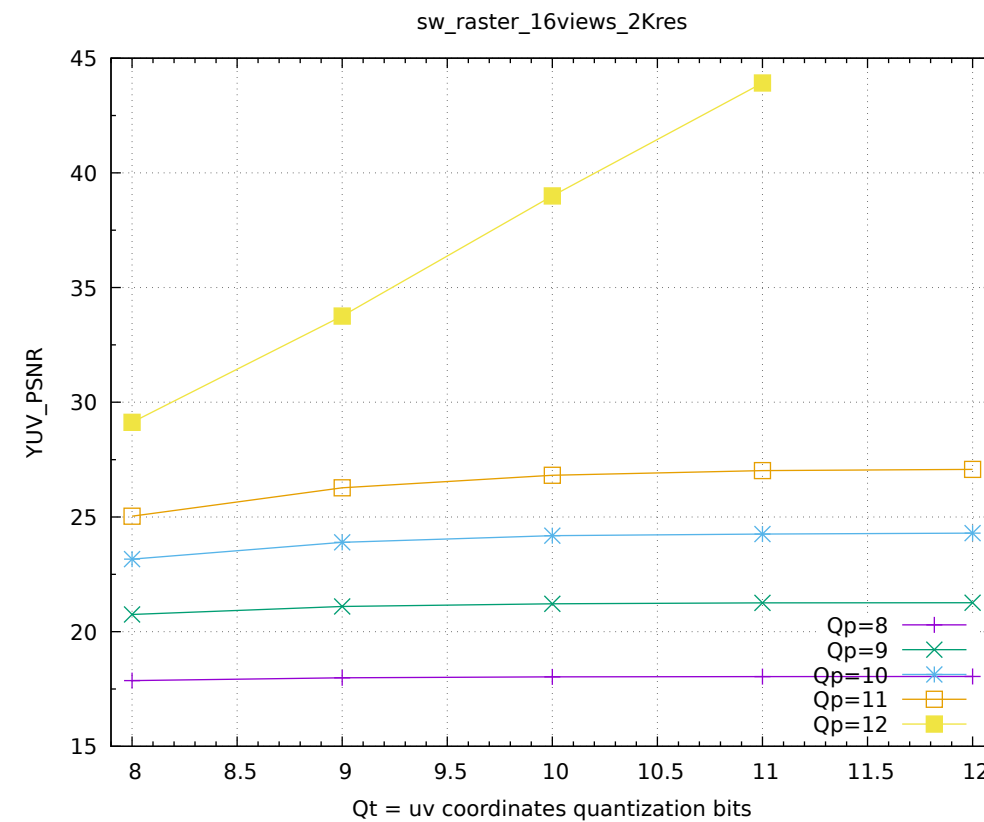
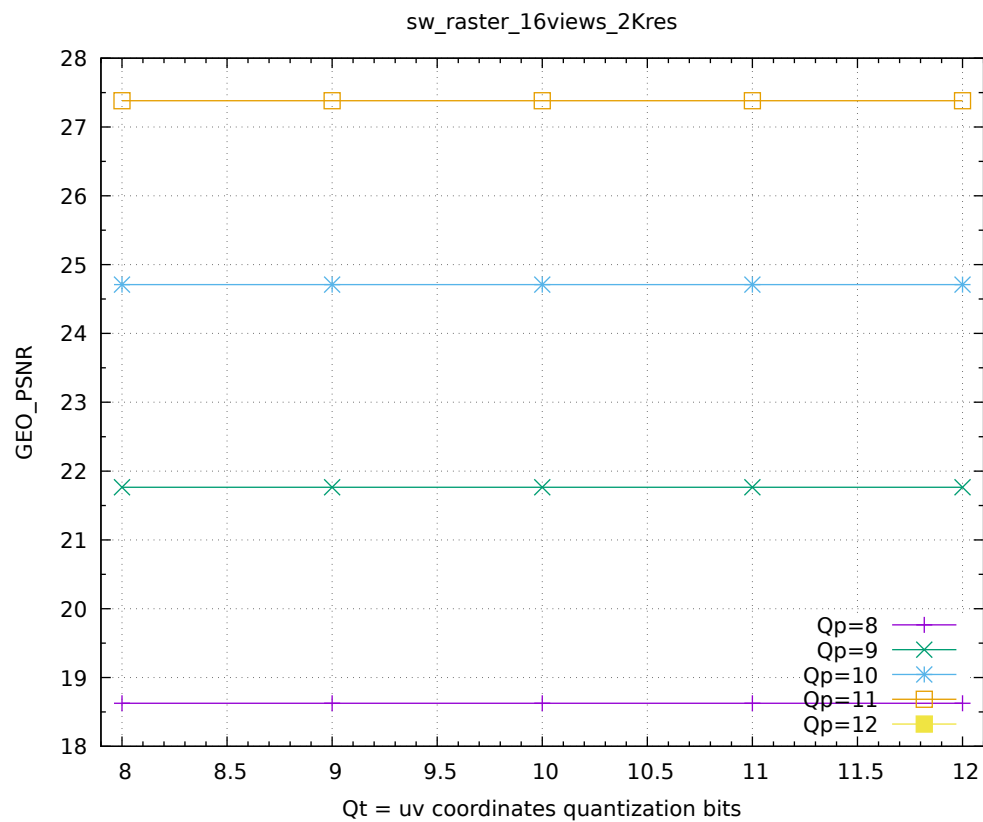
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	2.7816
12	11	inf	46.7635	0.0000	1.3700	2.8208
12	10	inf	41.5939	0.0000	4.5049	2.8262
12	9	inf	36.4430	0.0000	14.7497	2.7896
12	8	inf	31.7337	0.0000	43.6223	2.7759
11	12	26.8079	26.6622	135.6091	140.2356	2.7508
11	11	26.8079	26.6306	135.6091	141.2601	2.7696
11	10	26.8079	26.5426	135.6091	144.1523	2.8154
11	9	26.8079	26.2542	135.6091	154.0510	2.7841
11	8	26.8079	25.5161	135.6091	182.5865	2.8475
10	12	23.9570	23.7563	261.4433	273.8090	2.9376
10	11	23.9570	23.7437	261.4433	274.6072	2.9523
10	10	23.9570	23.7029	261.4433	277.1972	2.9621
10	9	23.9570	23.5676	261.4433	285.9710	2.9617
10	8	23.9570	23.1711	261.4433	313.3064	2.9787
9	12	20.8403	20.6034	535.8567	565.8956	3.0181
9	11	20.8403	20.5964	535.8567	566.8080	2.9668
9	10	20.8403	20.5829	535.8567	568.5768	2.9461
9	9	20.8403	20.5310	535.8567	575.4188	2.9887
9	8	20.8403	20.3534	535.8567	599.4293	2.9741
8	12	17.6353	17.3562	1120.8501	1195.2480	2.9848
8	11	17.6353	17.3551	1120.8501	1195.5693	2.9660
8	10	17.6353	17.3495	1120.8501	1197.0962	3.0152
8	9	17.6353	17.3351	1120.8501	1201.0829	2.9616
8	8	17.6353	17.2627	1120.8501	1221.2778	3.0005

ibsm = f(Qt) - dancer_fr0001



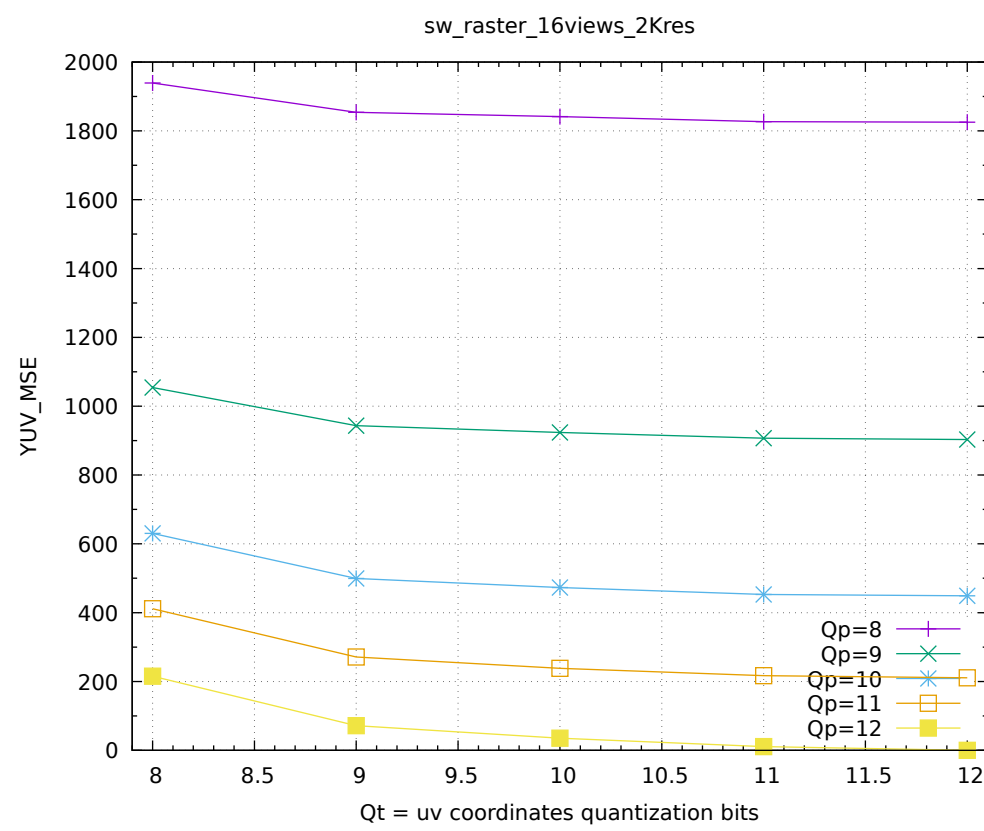
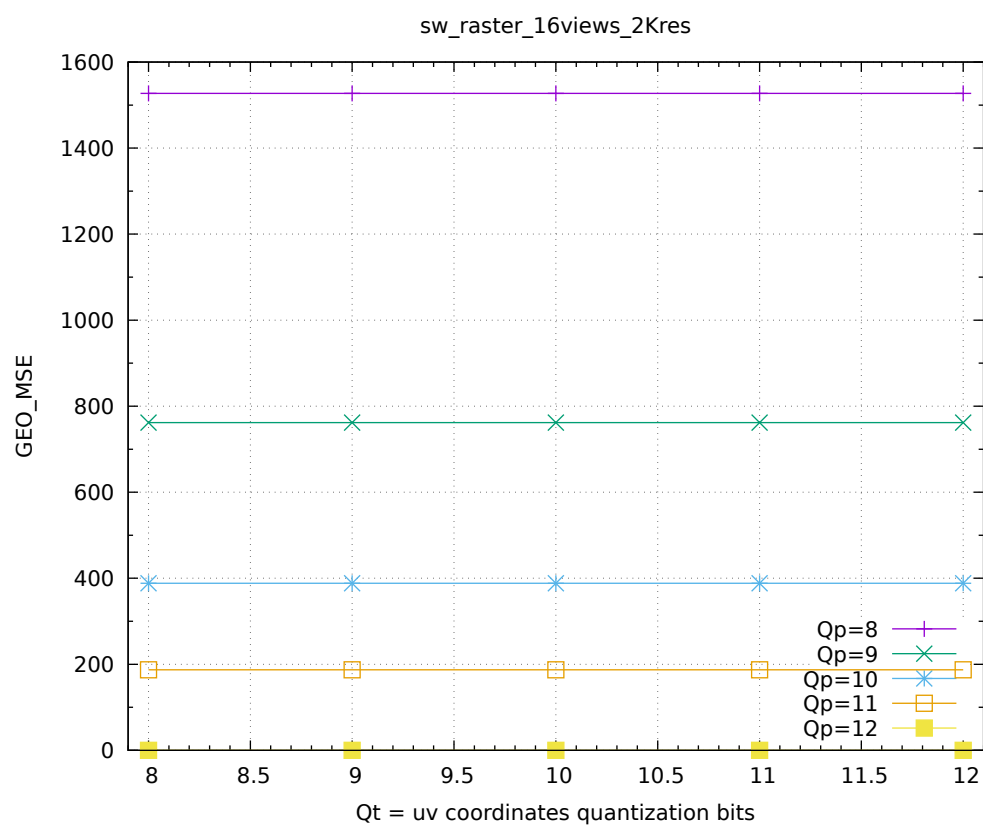
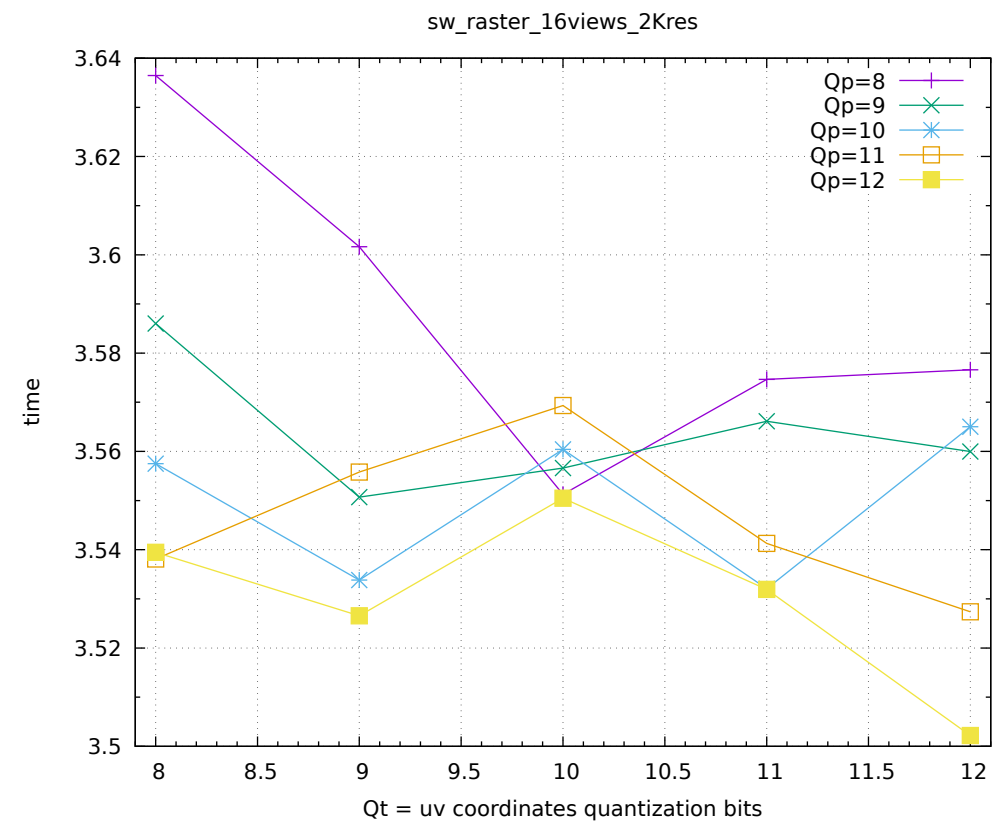
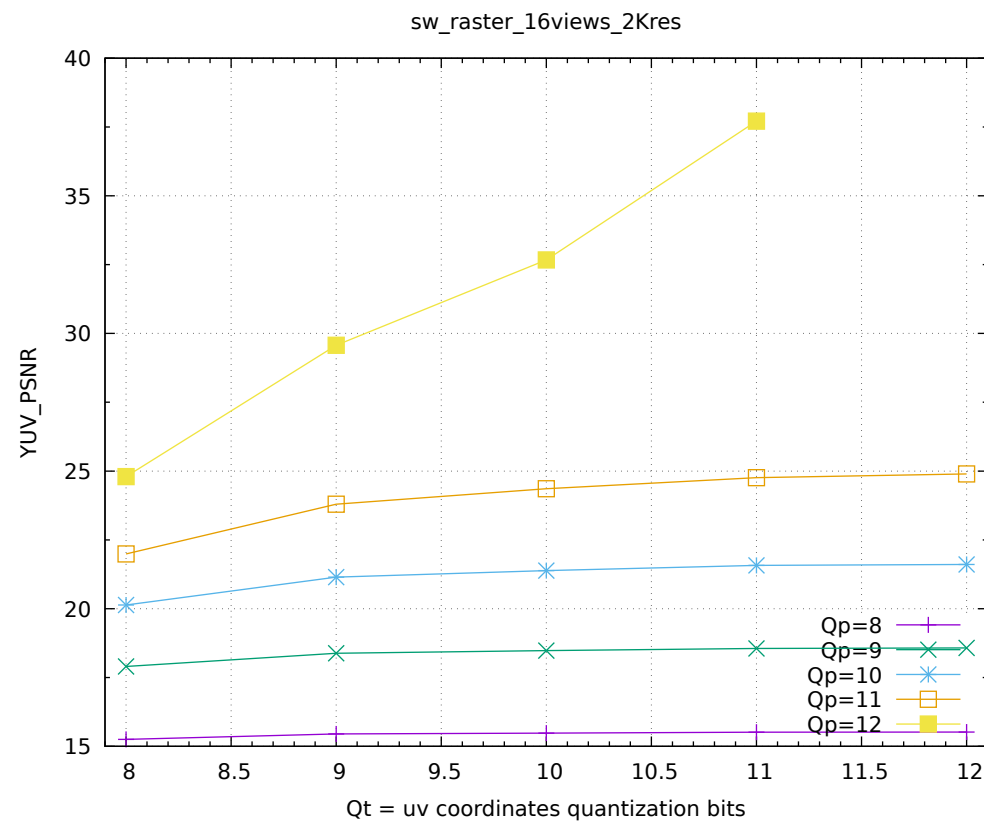
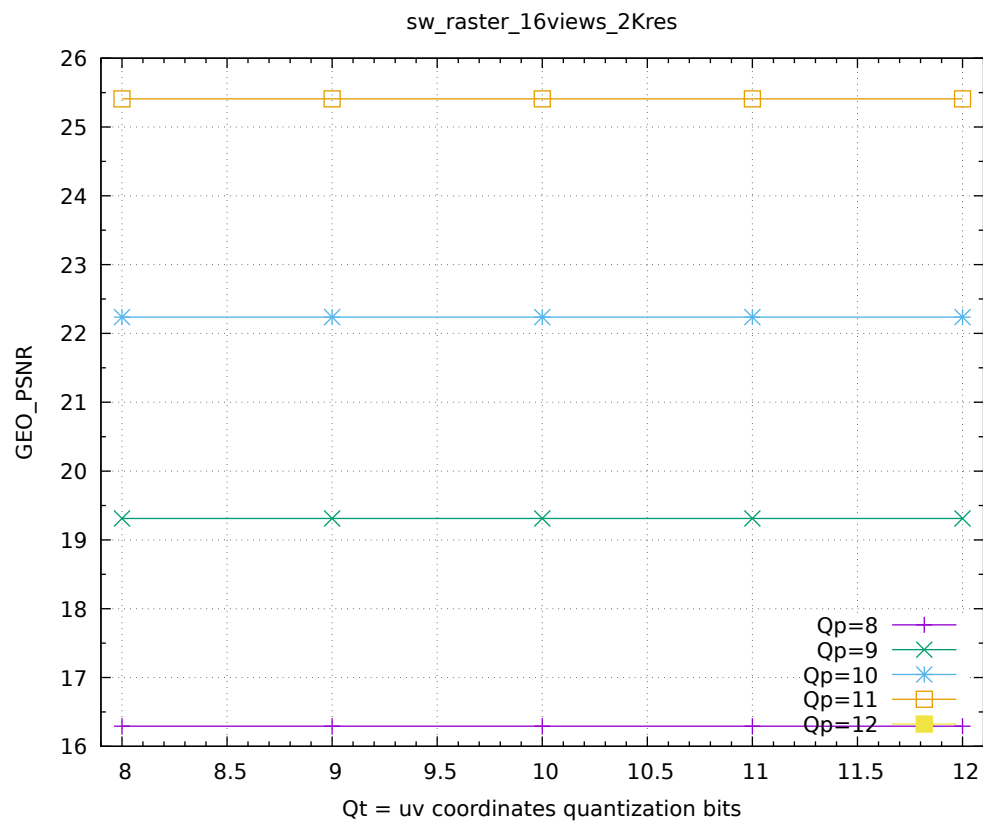
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	2.5804
12	11	inf	46.5330	0.0000	1.4447	2.5999
12	10	inf	41.9070	0.0000	4.1916	2.6003
12	9	inf	36.6032	0.0000	14.2155	2.6007
12	8	inf	31.4658	0.0000	46.3985	2.6567
11	12	25.9448	25.8065	165.4241	170.7761	2.5879
11	11	25.9448	25.7729	165.4241	172.1052	2.6298
11	10	25.9448	25.7198	165.4241	174.2220	2.6769
11	9	25.9448	25.4753	165.4241	184.3115	2.6169
11	8	25.9448	24.7915	165.4241	215.7403	2.6581
10	12	22.8072	22.6125	340.6899	356.3107	2.6045
10	11	22.8072	22.5967	340.6899	357.6104	2.6303
10	10	22.8072	22.5757	340.6899	359.3411	2.5947
10	9	22.8072	22.4692	340.6899	368.2672	2.6277
10	8	22.8072	22.1279	340.6899	398.3753	2.6368
9	12	20.0318	19.7722	645.5121	685.2700	2.5761
9	11	20.0318	19.7670	645.5121	686.0962	2.6200
9	10	20.0318	19.7559	645.5121	687.8394	2.6685
9	9	20.0318	19.7178	645.5121	693.9123	2.6356
9	8	20.0318	19.5503	645.5121	721.1904	2.6384
8	12	16.6200	16.3309	1416.0552	1513.5244	2.6111
8	11	16.6200	16.3299	1416.0552	1513.8639	2.6162
8	10	16.6200	16.3257	1416.0552	1515.3372	2.6130
8	9	16.6200	16.3130	1416.0552	1519.7827	2.6471
8	8	16.6200	16.2574	1416.0552	1539.3516	2.6246

$ibsm = f(Q_t) - model_fr0001$



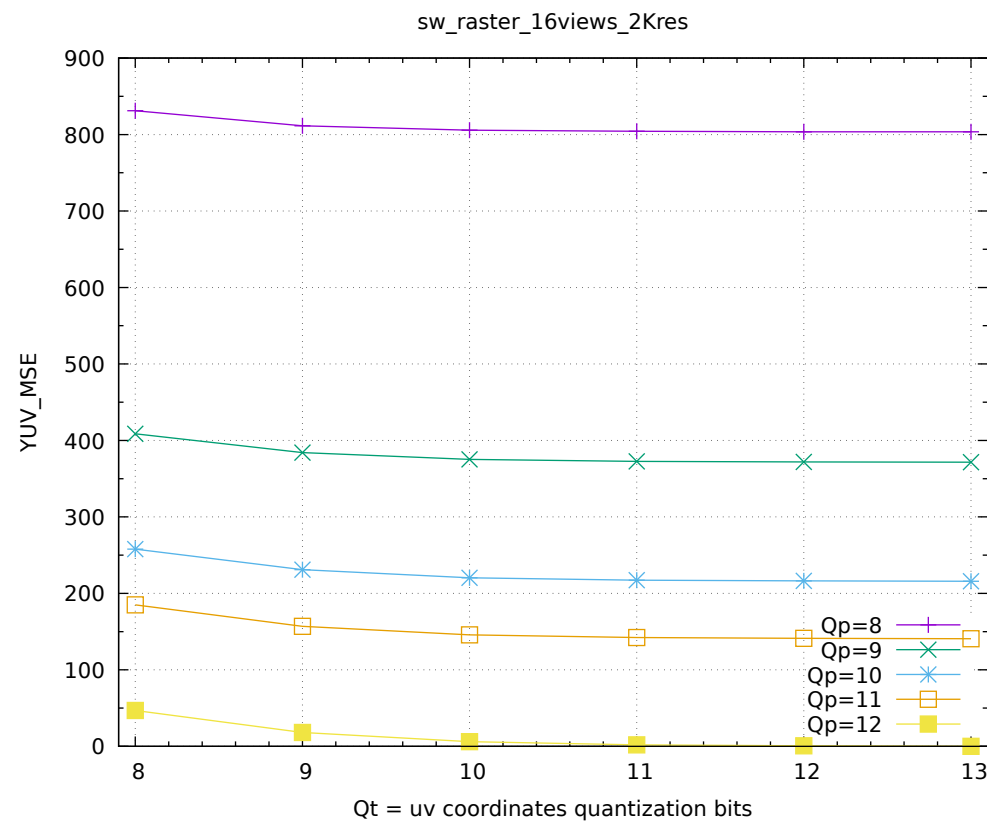
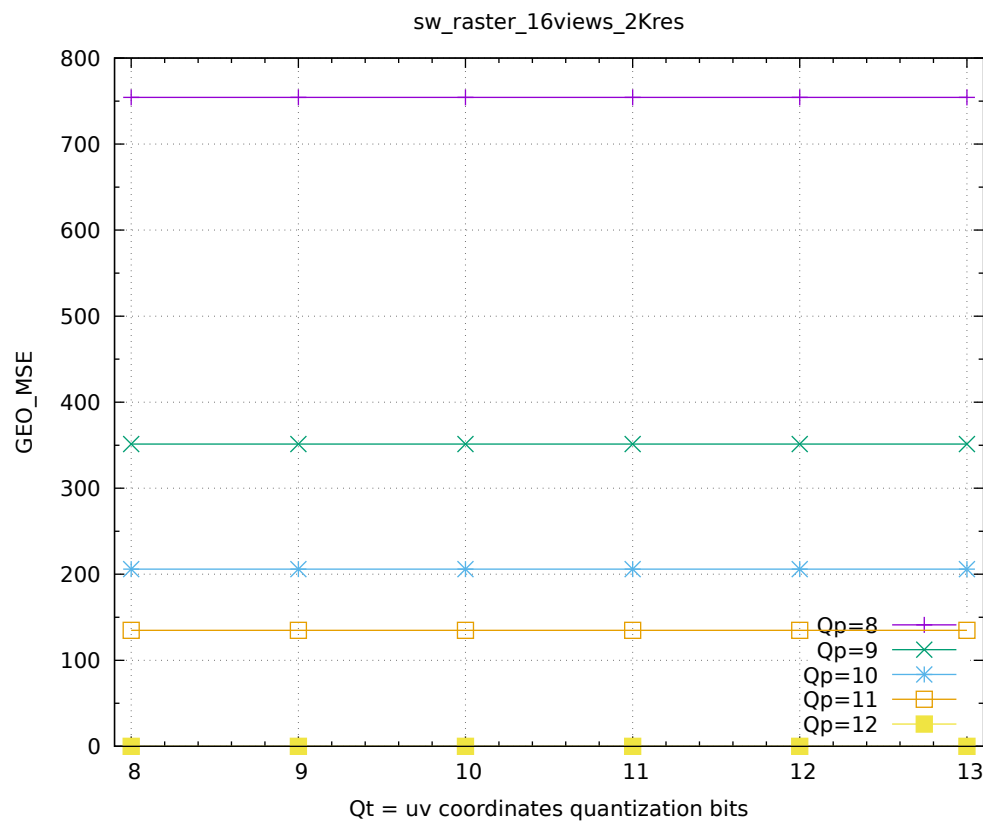
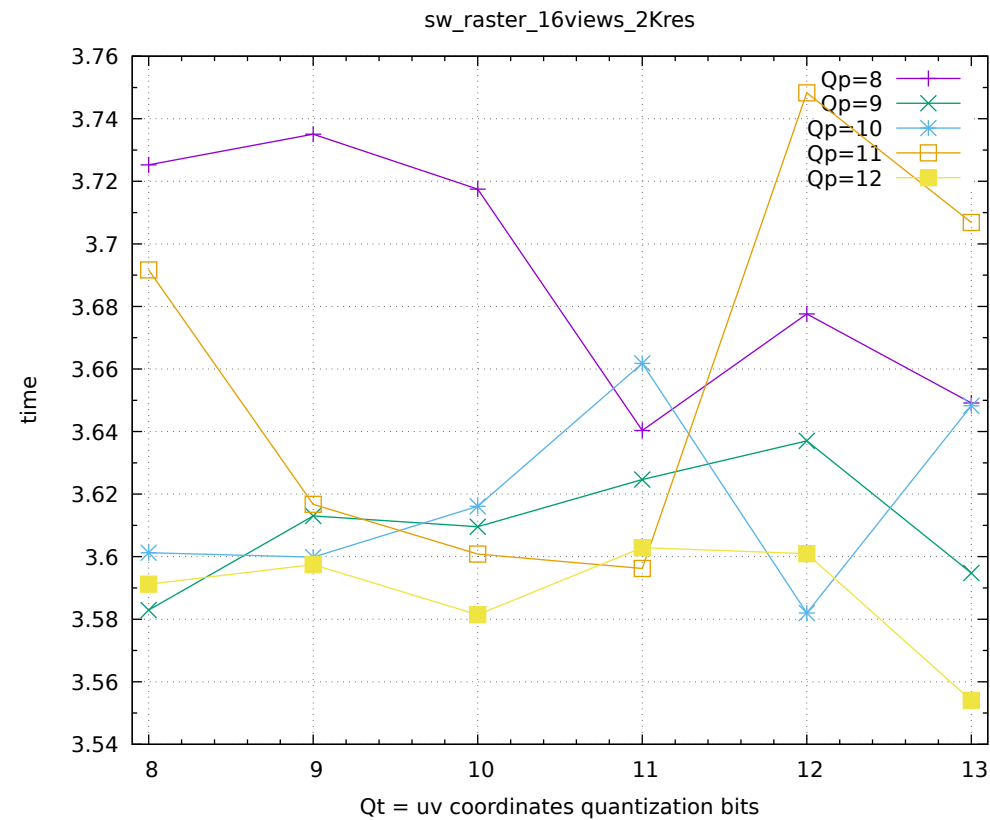
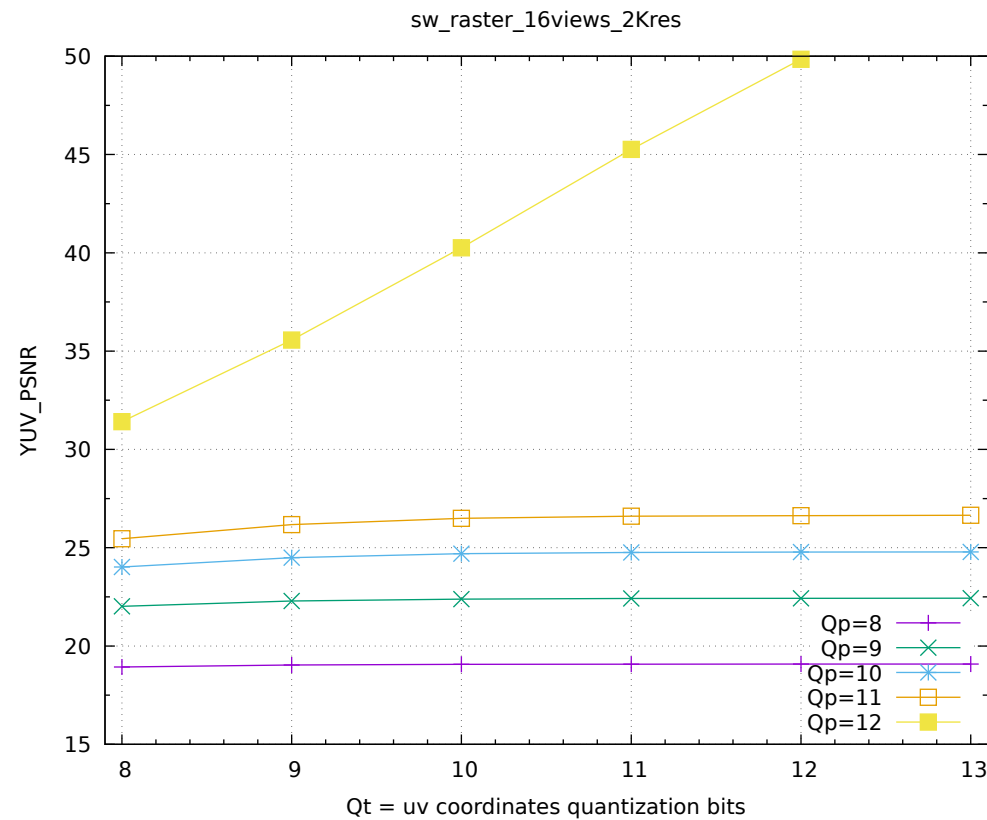
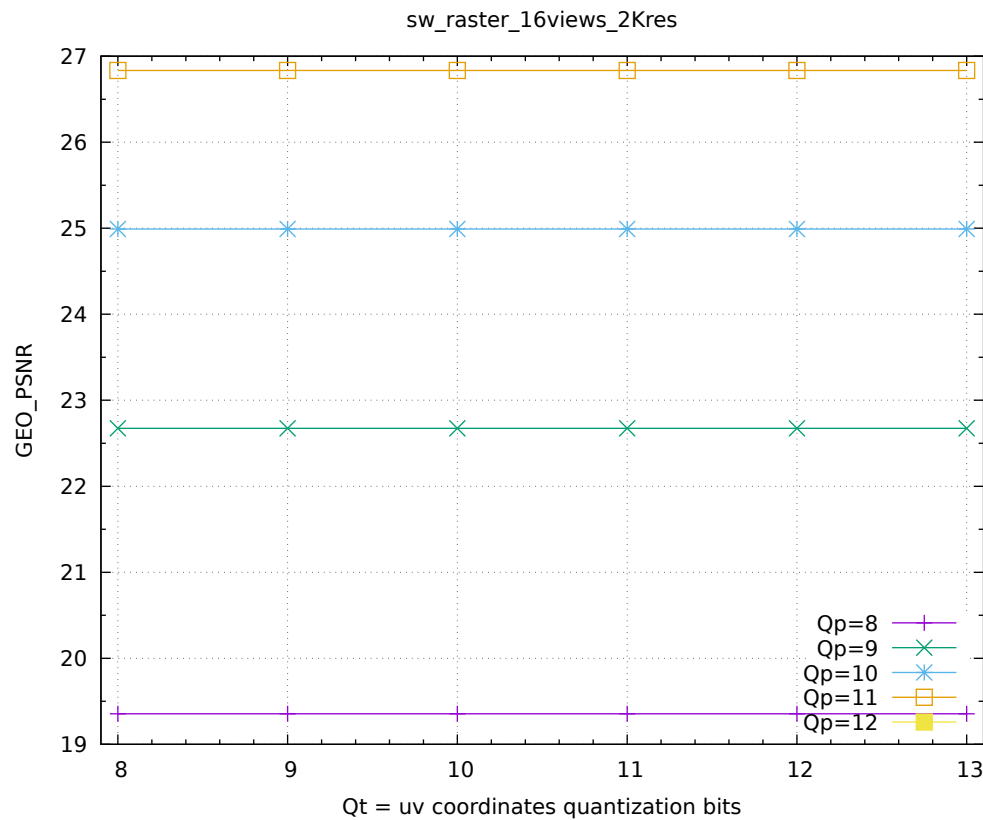
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	2.8700
12	11	inf	43.9872	0.0000	2.5963	2.8518
12	10	inf	39.1067	0.0000	7.9875	2.8651
12	9	inf	33.8920	0.0000	26.5384	2.9568
12	8	inf	29.2711	0.0000	76.9081	2.8645
11	12	27.3823	27.0787	118.8086	127.4107	2.8762
11	11	27.3823	27.0260	118.8086	128.9681	2.8776
11	10	27.3823	26.8323	118.8086	134.8494	2.8991
11	9	27.3823	26.2975	118.8086	152.5213	2.9512
11	8	27.3823	25.0883	118.8086	201.4896	2.8508
10	12	24.7096	24.3044	219.8483	241.3446	2.8467
10	11	24.7096	24.2637	219.8483	243.6159	2.9247
10	10	24.7096	24.1974	219.8483	247.3654	2.9597
10	9	24.7096	23.9119	219.8483	264.1738	2.8910
10	8	24.7096	23.2031	219.8483	311.0071	2.8925
9	12	21.7644	21.2740	433.1545	484.9361	2.8547
9	11	21.7644	21.2644	433.1545	486.0016	2.8652
9	10	21.7644	21.2299	433.1545	489.8759	2.8741
9	9	21.7644	21.1152	433.1545	502.9915	2.8565
9	8	21.7644	20.7787	433.1545	543.5129	2.8722
8	12	18.6252	18.0598	892.4084	1016.4775	2.8571
8	11	18.6252	18.0558	892.4084	1017.4251	2.8670
8	10	18.6252	18.0455	892.4084	1019.8429	2.9154
8	9	18.6252	18.0058	892.4084	1029.1914	2.9000
8	8	18.6252	17.8858	892.4084	1058.0304	2.8533

ibsm = f(Qt) - football_fr0445



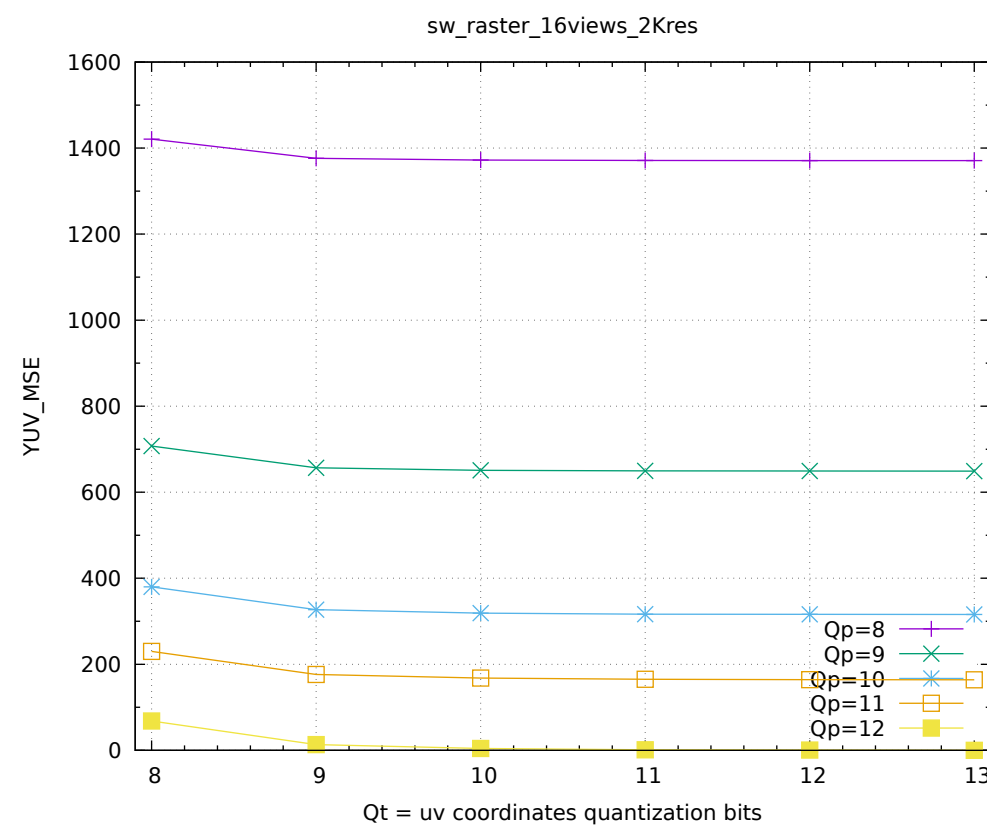
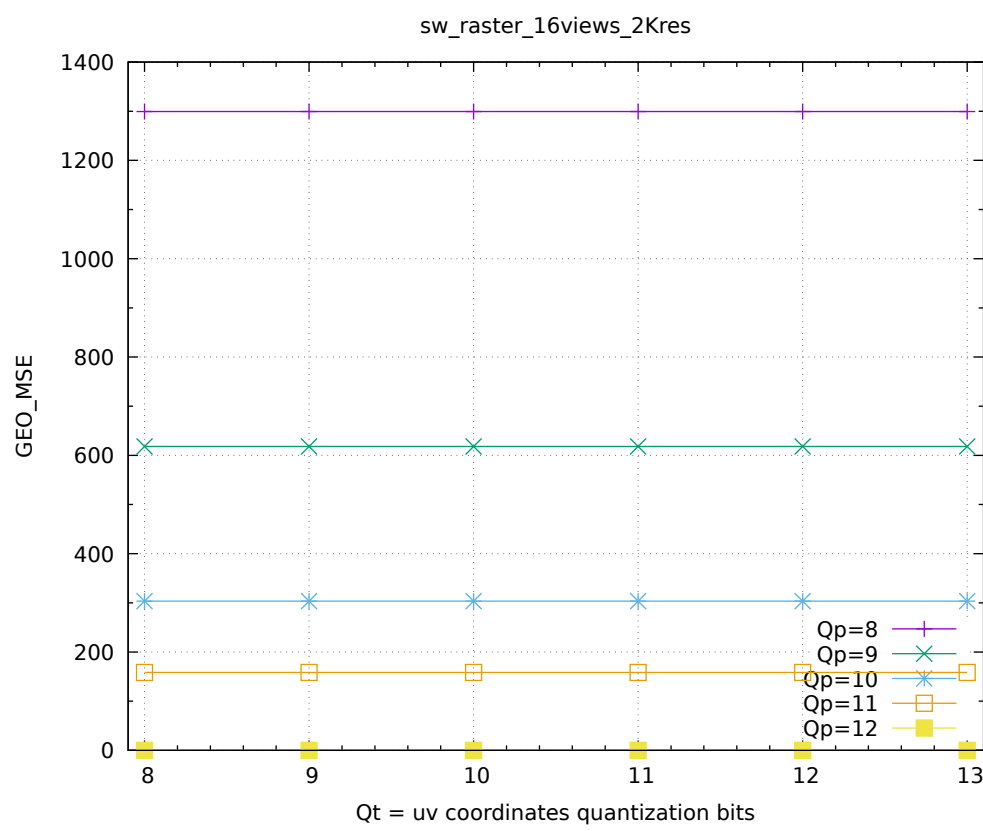
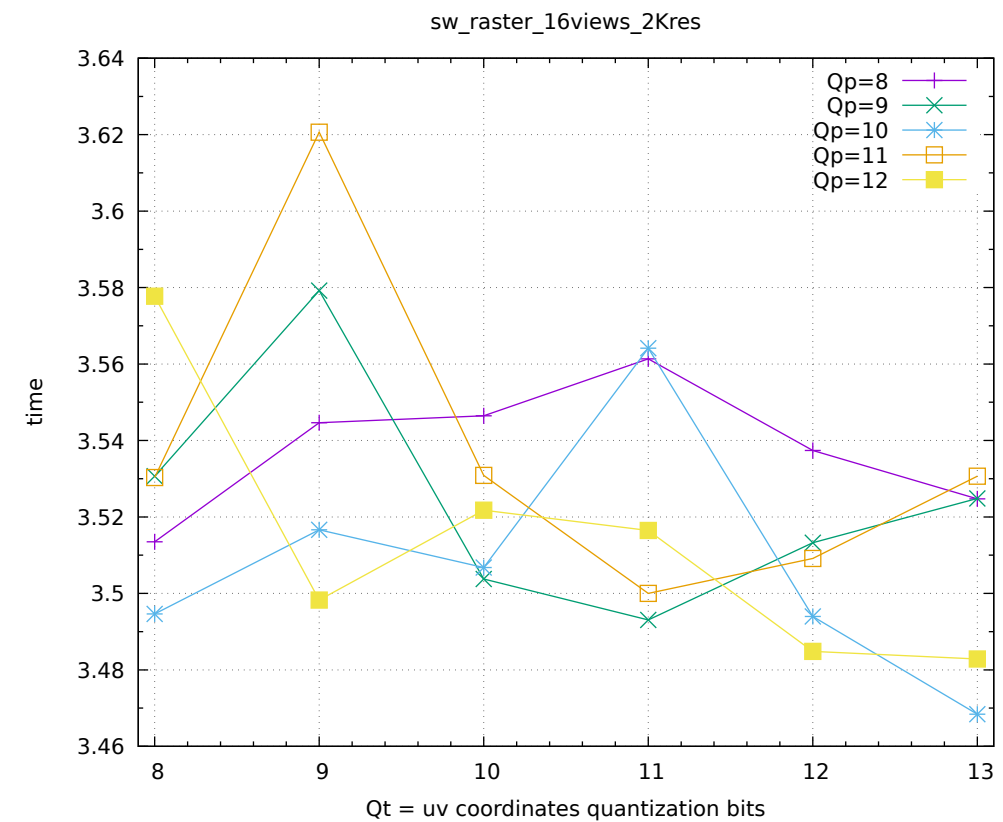
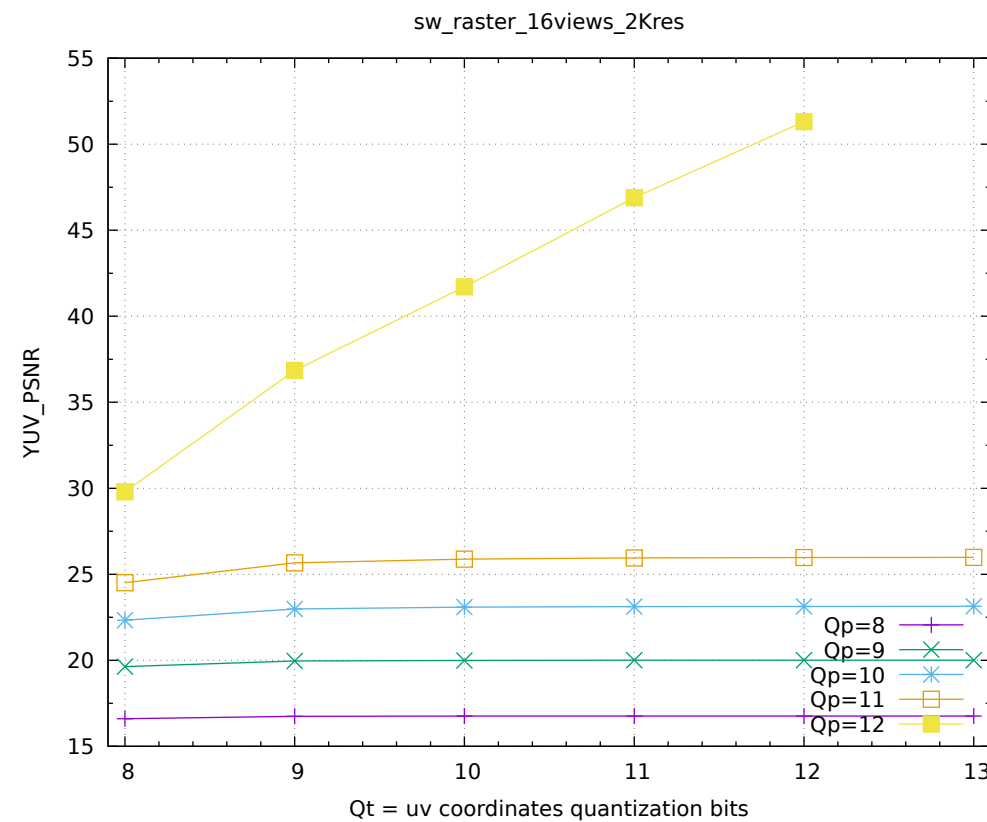
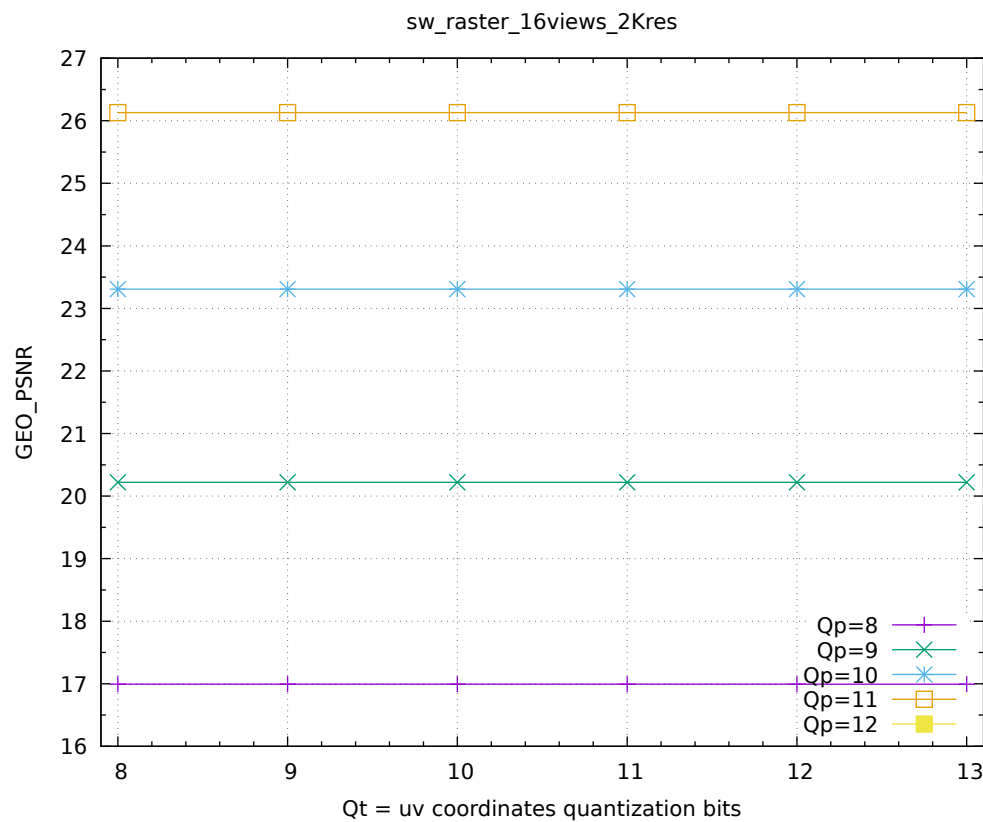
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	3.5022
12	11	inf	37.6114	0.0000	11.2703	3.5319
12	10	inf	32.5321	0.0000	36.2971	3.5505
12	9	inf	29.3317	0.0000	75.8423	3.5266
12	8	inf	24.5174	0.0000	229.7941	3.5395
11	12	25.4087	24.8763	187.1606	211.5683	3.5274
11	11	25.4087	24.7404	187.1606	218.2955	3.5413
11	10	25.4087	24.3234	187.1606	240.2947	3.5693
11	9	25.4087	23.7204	187.1606	276.0856	3.5558
11	8	25.4087	21.8355	187.1606	426.1137	3.5381
10	12	22.2369	21.5910	388.5030	450.8010	3.5650
10	11	22.2369	21.5521	388.5030	454.8510	3.5321
10	10	22.2369	21.3591	388.5030	475.5174	3.5604
10	9	22.2369	21.1016	388.5030	504.5655	3.5338
10	8	22.2369	20.0275	388.5030	646.1460	3.5575
9	12	19.3118	18.5525	761.9106	907.4648	3.5600
9	11	19.3118	18.5336	761.9106	911.4263	3.5661
9	10	19.3118	18.4525	761.9106	928.5999	3.5566
9	9	19.3118	18.3484	761.9106	951.1336	3.5507
9	8	19.3118	17.8294	761.9106	1071.8647	3.5860
8	12	16.2924	15.4919	1527.0194	1836.0858	3.5766
8	11	16.2924	15.4872	1527.0194	1838.0443	3.5746
8	10	16.2924	15.4517	1527.0194	1853.1388	3.5513
8	9	16.2924	15.4176	1527.0194	1867.7544	3.6016
8	8	16.2924	15.1996	1527.0194	1963.8831	3.6365

ibsm = f(Qt) - frederick_fr0051



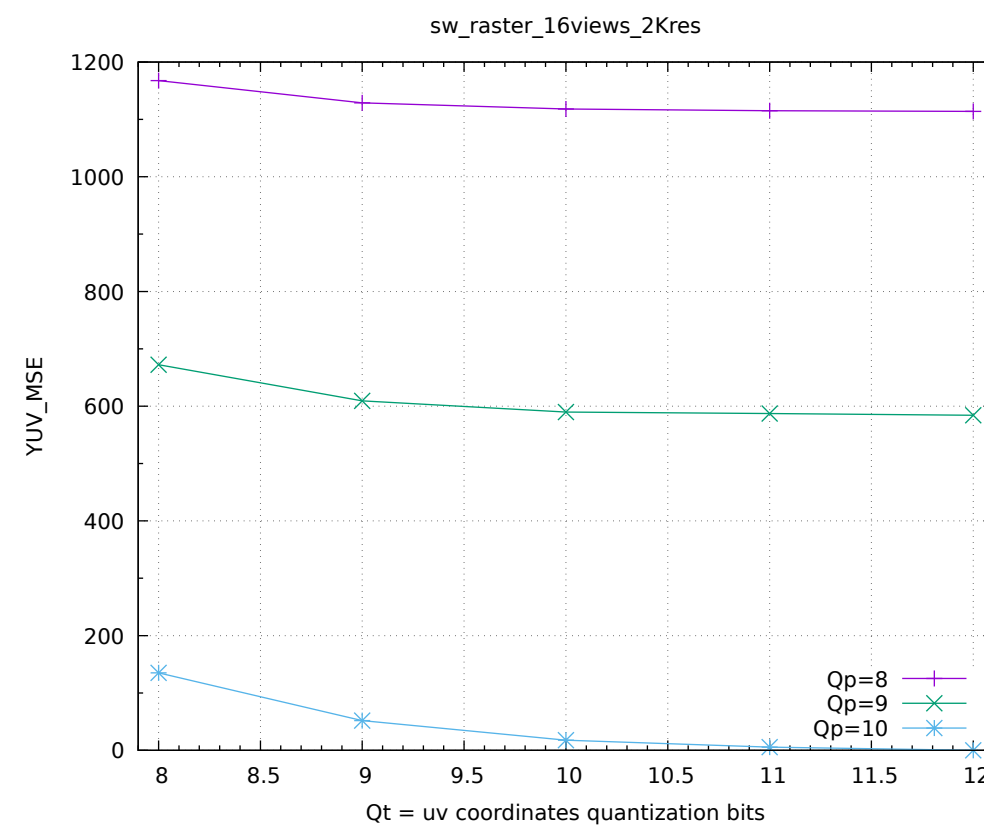
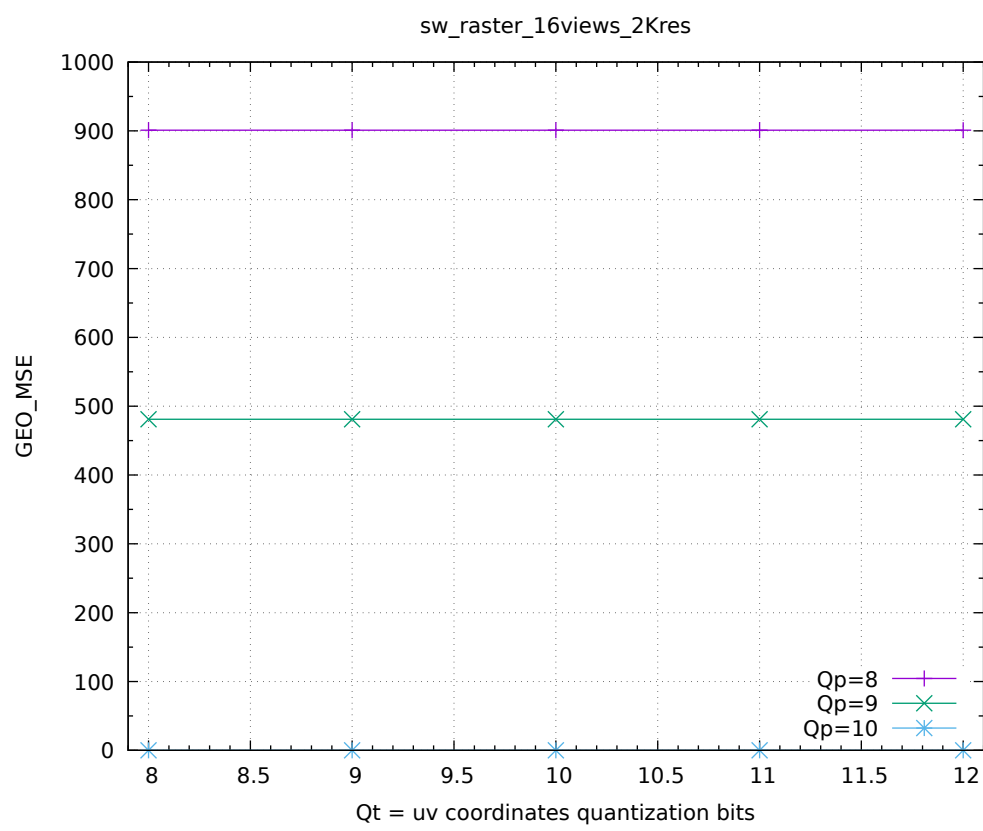
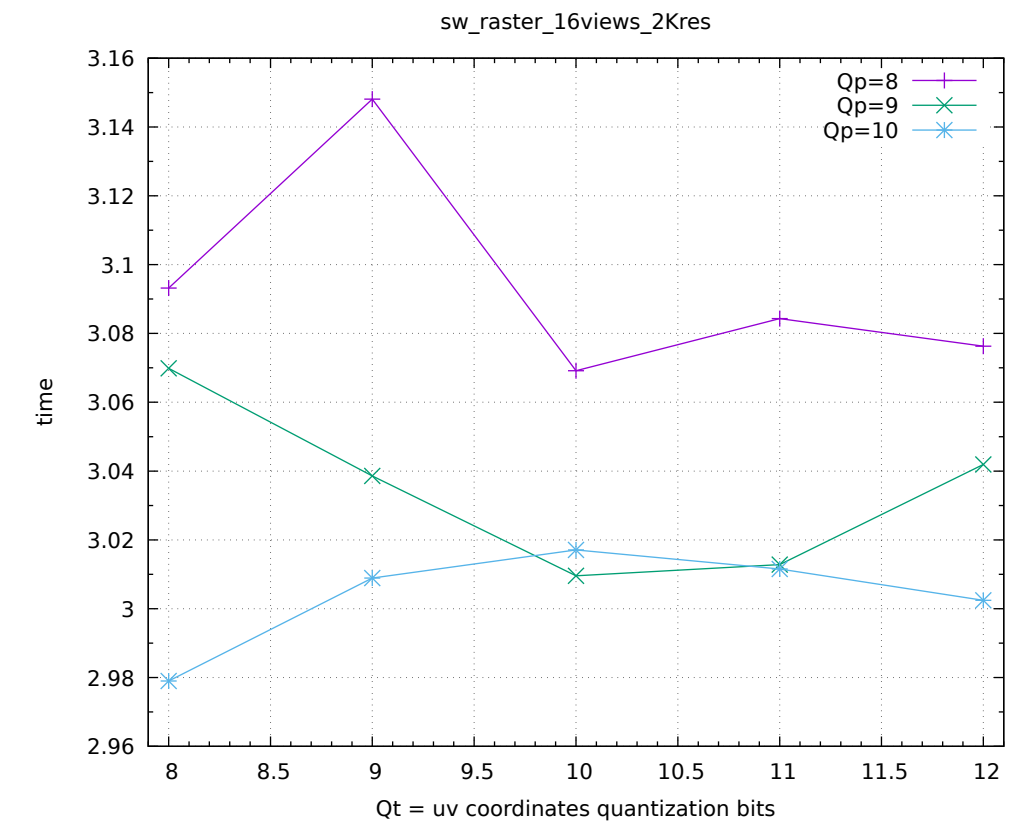
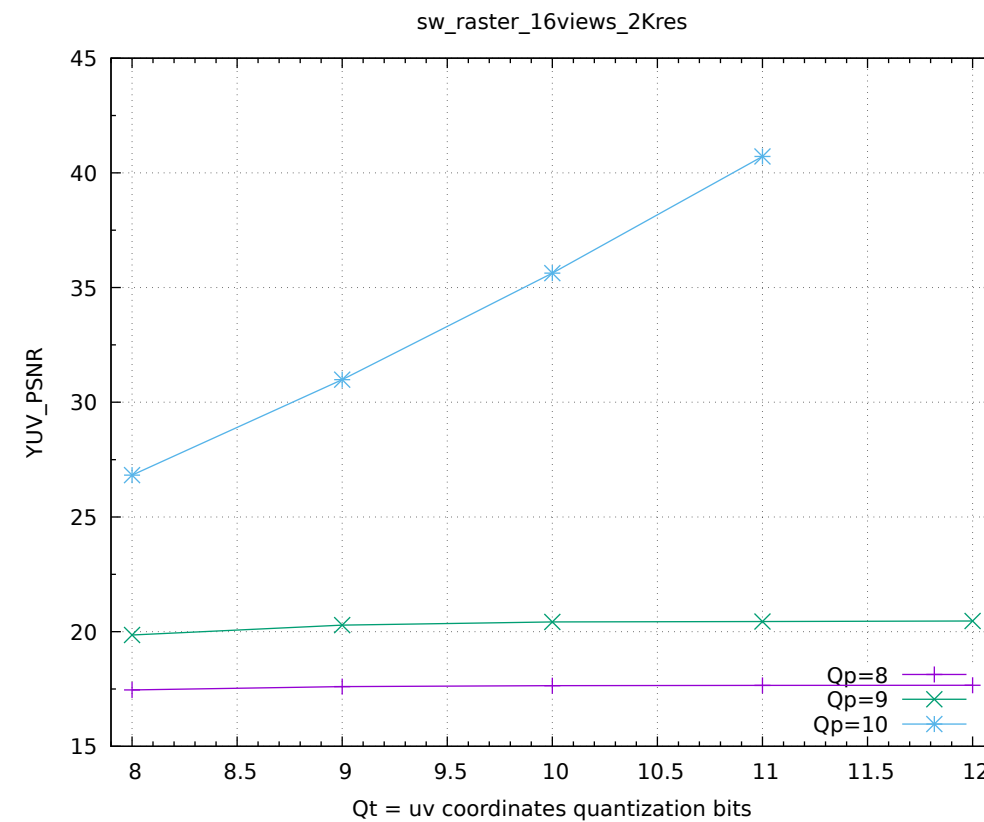
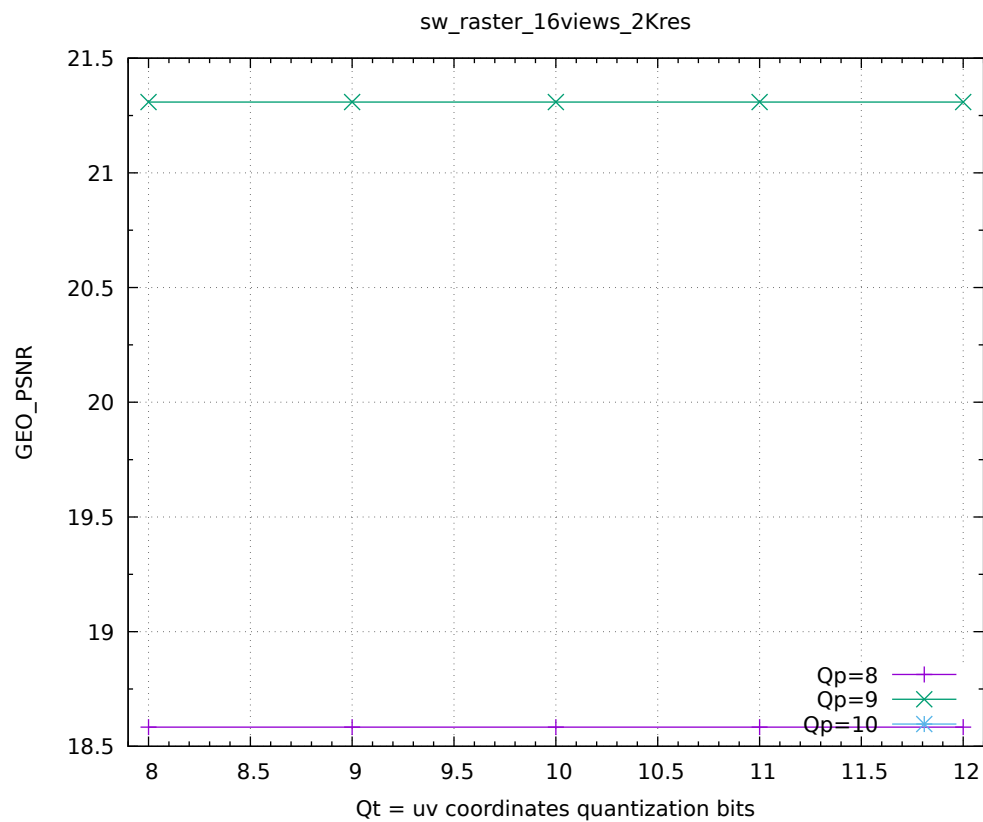
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	13	inf	inf	0.0000	0.0000	3.5540
12	12	inf	49.6732	0.0000	0.7011	3.6010
12	11	inf	45.1558	0.0000	1.9838	3.6029
12	10	inf	40.1923	0.0000	6.2209	3.5814
12	9	inf	35.5181	0.0000	18.2501	3.5974
12	8	inf	31.3916	0.0000	47.1980	3.5912
11	13	26.8334	26.6473	134.8143	140.7184	3.7068
11	12	26.8334	26.6315	134.8143	141.2310	3.7483
11	11	26.8334	26.5997	134.8143	142.2700	3.5962
11	10	26.8334	26.4921	134.8143	145.8381	3.6008
11	9	26.8334	26.1697	134.8143	157.0767	3.6167
11	8	26.8334	25.4552	134.8143	185.1639	3.6917
10	13	24.9916	24.7884	206.0229	215.8920	3.6482
10	12	24.9916	24.7791	206.0229	216.3571	3.5820
10	11	24.9916	24.7605	206.0229	217.2833	3.6618
10	10	24.9916	24.6975	206.0229	220.4626	3.6161
10	9	24.9916	24.4918	206.0229	231.1509	3.5999
10	8	24.9916	24.0141	206.0229	258.0296	3.6012
9	13	22.6739	22.4304	351.3089	371.5693	3.5948
9	12	22.6739	22.4272	351.3089	371.8468	3.6370
9	11	22.6739	22.4180	351.3089	372.6313	3.6247
9	10	22.6739	22.3870	351.3089	375.3011	3.6096
9	9	22.6739	22.2859	351.3089	384.1437	3.6130
9	8	22.6739	22.0150	351.3089	408.8628	3.5829
8	13	19.3552	19.0808	754.3276	803.5349	3.6491
8	12	19.3552	19.0803	754.3276	803.6281	3.6776
8	11	19.3552	19.0771	754.3276	804.2103	3.6404
8	10	19.3552	19.0697	754.3276	805.5878	3.7175
8	9	19.3552	19.0382	754.3276	811.4487	3.7351
8	8	19.3552	18.9347	754.3276	831.0126	3.7252

$$\text{ibsm} = f(Q_t) - \text{levi_fr0000}$$



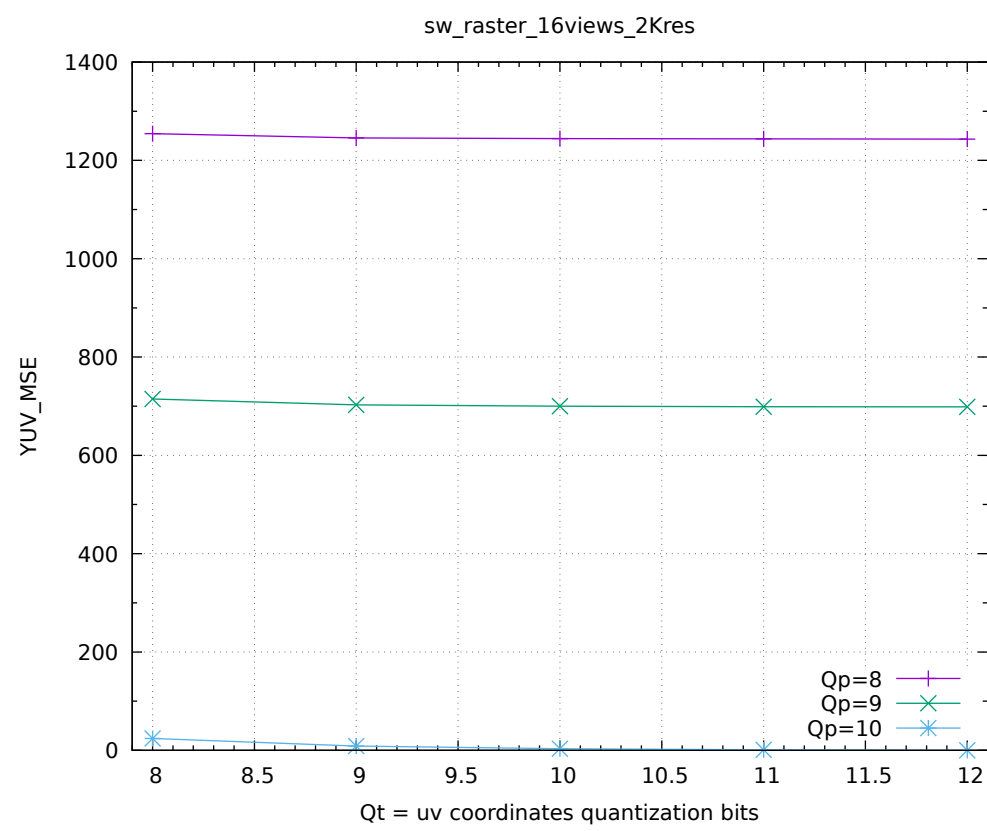
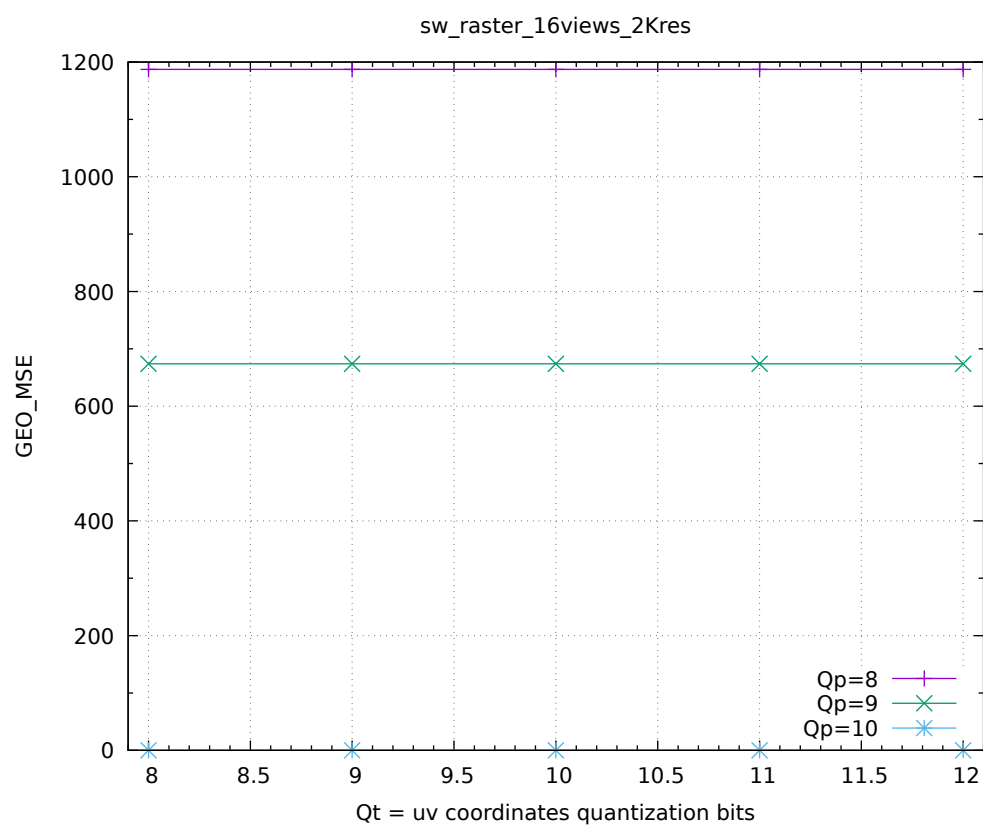
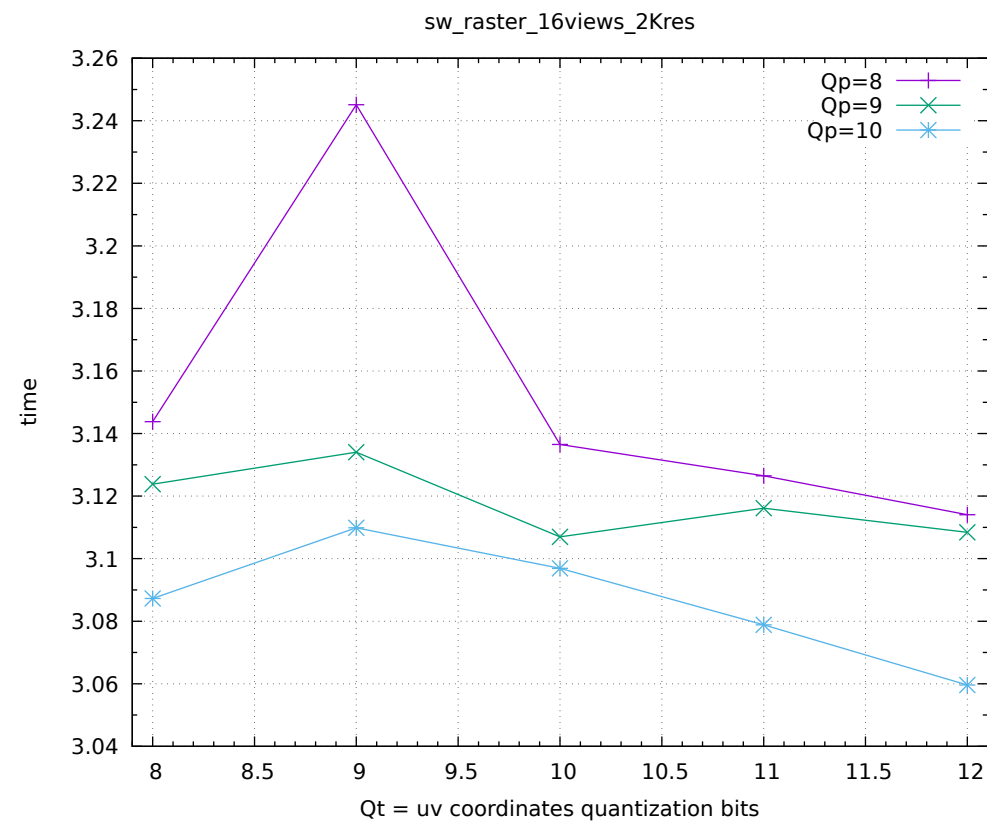
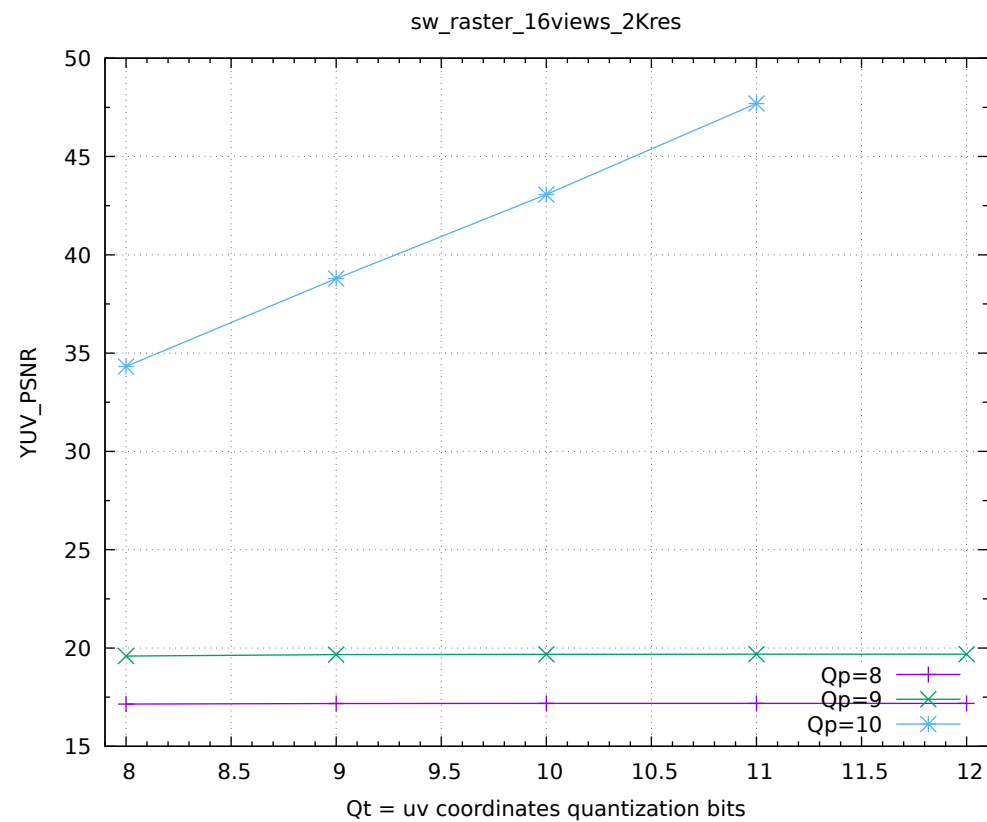
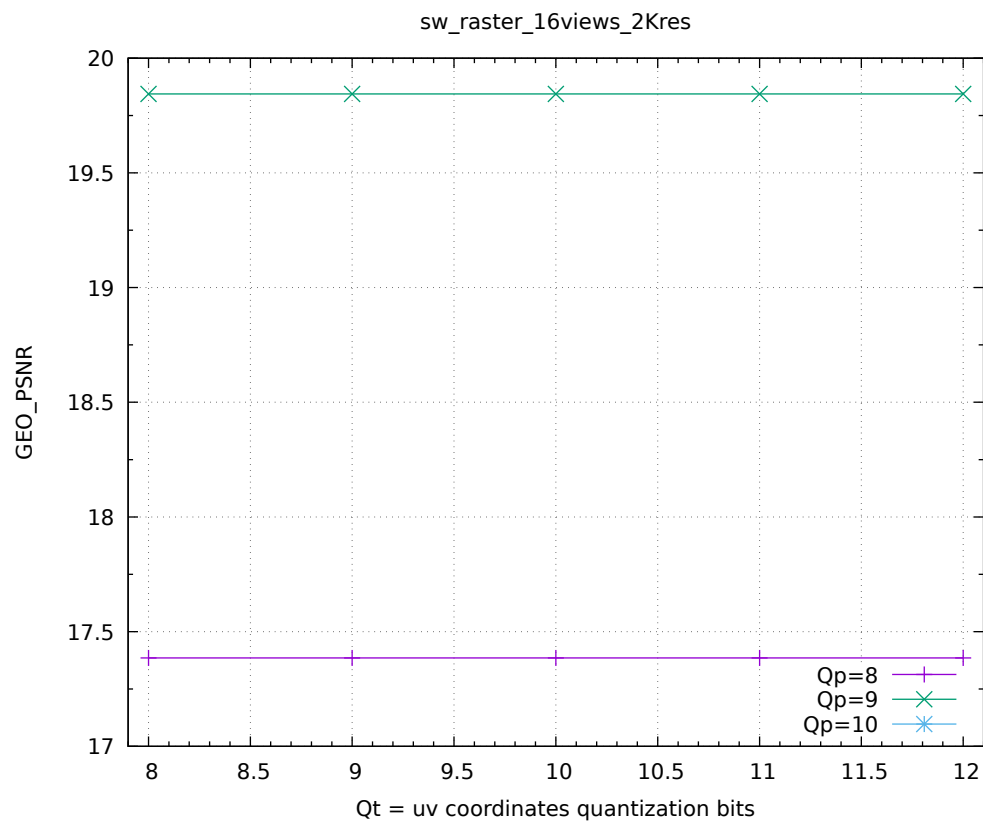
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	13	inf	inf	0.0000	0.0000	3.4828
12	12	inf	50.8682	0.0000	0.5324	3.4848
12	11	inf	46.4568	0.0000	1.4703	3.5165
12	10	inf	41.2626	0.0000	4.8620	3.5218
12	9	inf	36.3870	0.0000	14.9411	3.4982
12	8	inf	29.3200	0.0000	76.0462	3.5778
11	13	26.1301	25.9598	158.5167	164.8562	3.5307
11	12	26.1301	25.9525	158.5167	165.1322	3.5091
11	11	26.1301	25.9311	158.5167	165.9482	3.5000
11	10	26.1301	25.8505	158.5167	169.0548	3.5309
11	9	26.1301	25.6131	158.5167	178.5526	3.6207
11	8	26.1301	24.3559	158.5167	238.4994	3.5303
10	13	23.3094	23.1148	303.4903	317.3938	3.4684
10	12	23.3094	23.1100	303.4903	317.7443	3.4940
10	11	23.3094	23.1026	303.4903	318.2869	3.5641
10	10	23.3094	23.0673	303.4903	320.8884	3.5068
10	9	23.3094	22.9492	303.4903	329.7297	3.5166
10	8	23.3094	22.2285	303.4903	389.2506	3.4946
9	13	20.2206	19.9812	618.0474	653.0730	3.5248
9	12	20.2206	19.9805	618.0474	653.1768	3.5132
9	11	20.2206	19.9786	618.0474	653.4641	3.4931
9	10	20.2206	19.9677	618.0474	655.1099	3.5038
9	9	20.2206	19.9251	618.0474	661.5667	3.5792
9	8	20.2206	19.5691	618.0474	718.0826	3.5307
8	13	16.9932	16.7319	1299.4543	1380.0350	3.5247
8	12	16.9932	16.7320	1299.4543	1379.9941	3.5374
8	11	16.9932	16.7308	1299.4543	1380.3949	3.5614
8	10	16.9932	16.7278	1299.4543	1381.3412	3.5465
8	9	16.9932	16.7136	1299.4543	1385.8721	3.5446
8	8	16.9932	16.5602	1299.4543	1435.6807	3.5135

ibsm = f(Q_t) - longdress_fr1051



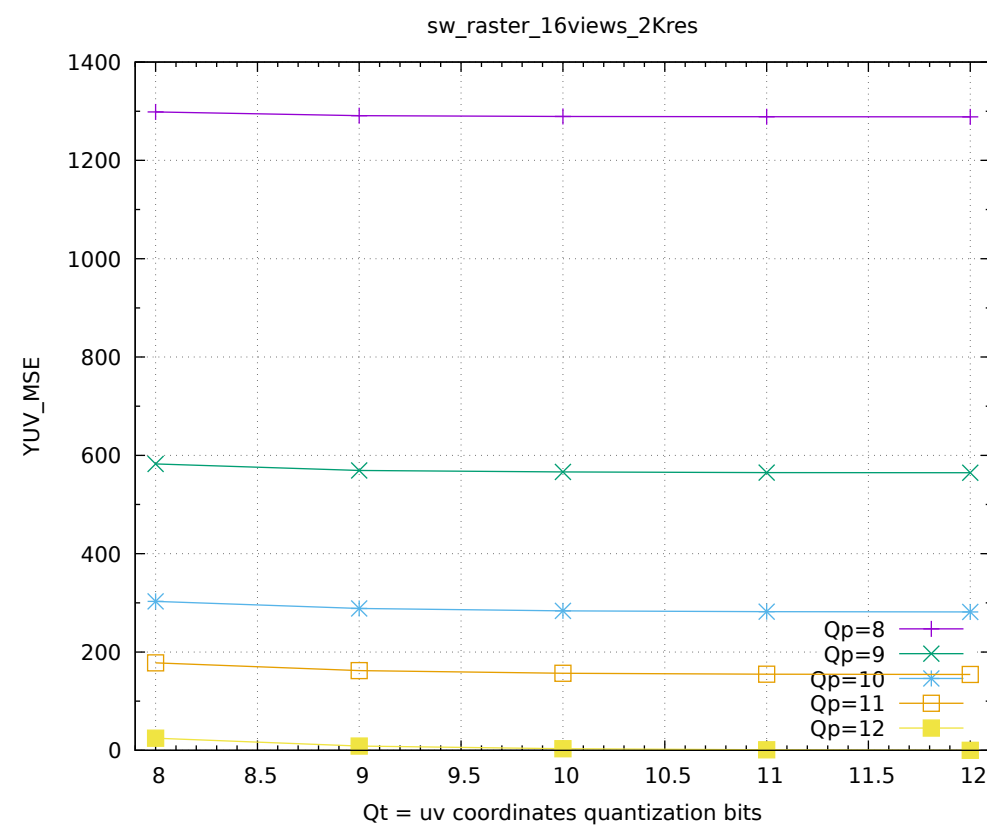
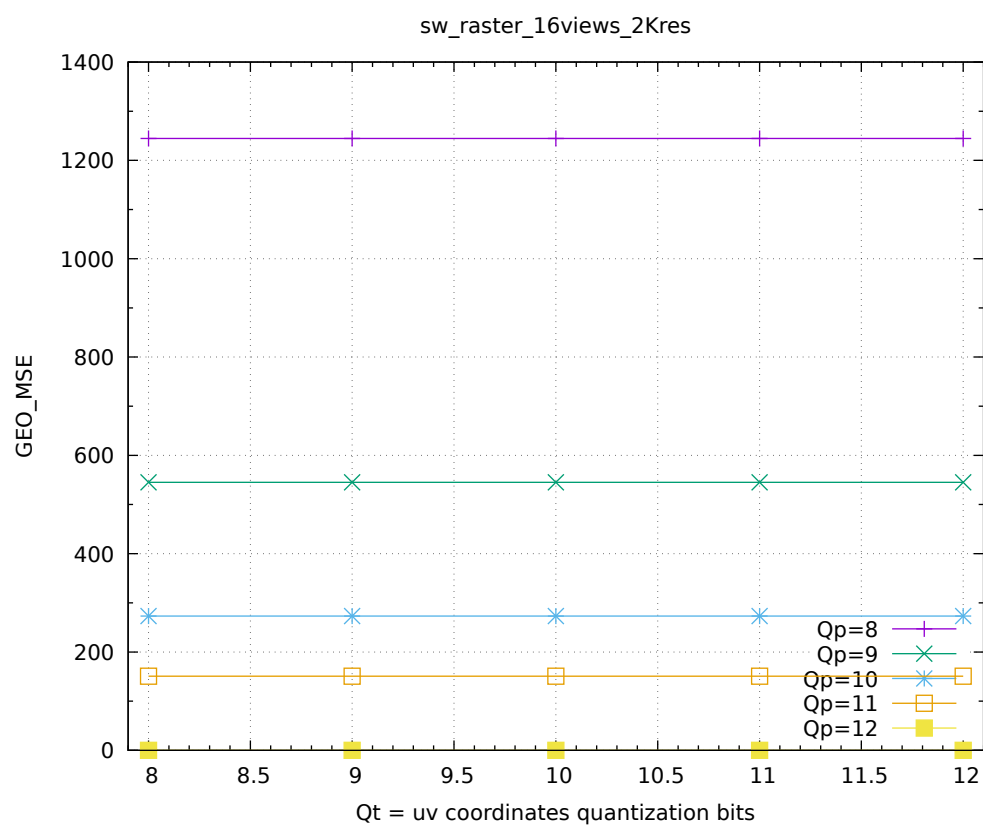
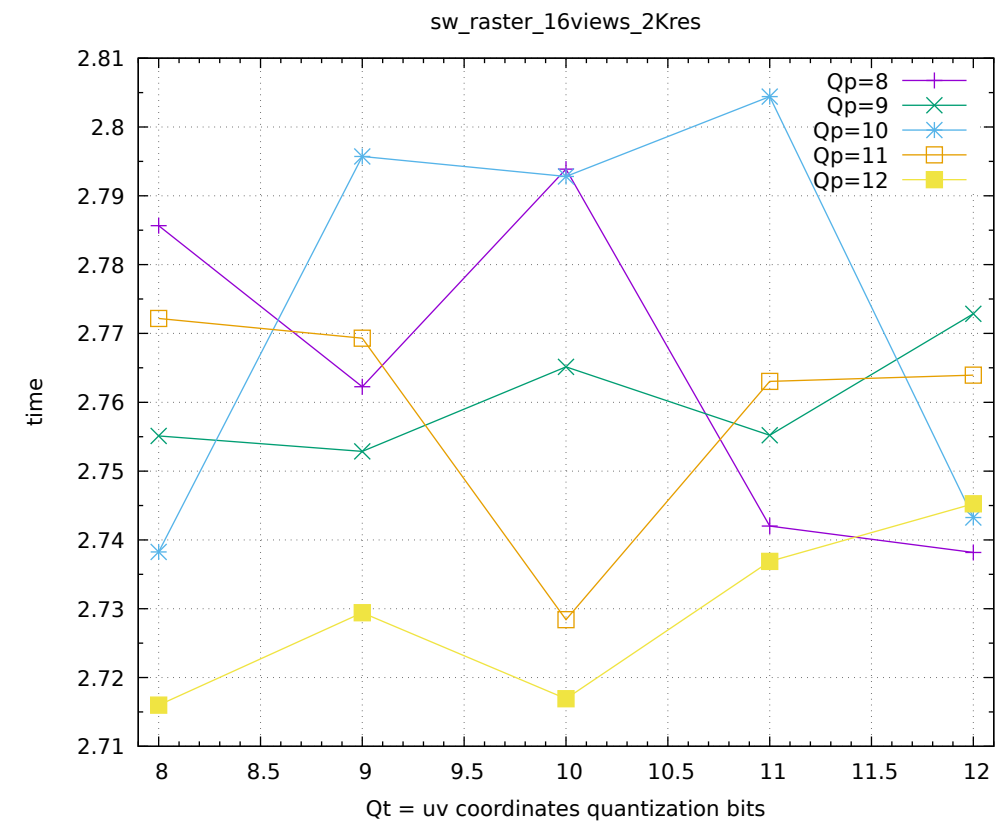
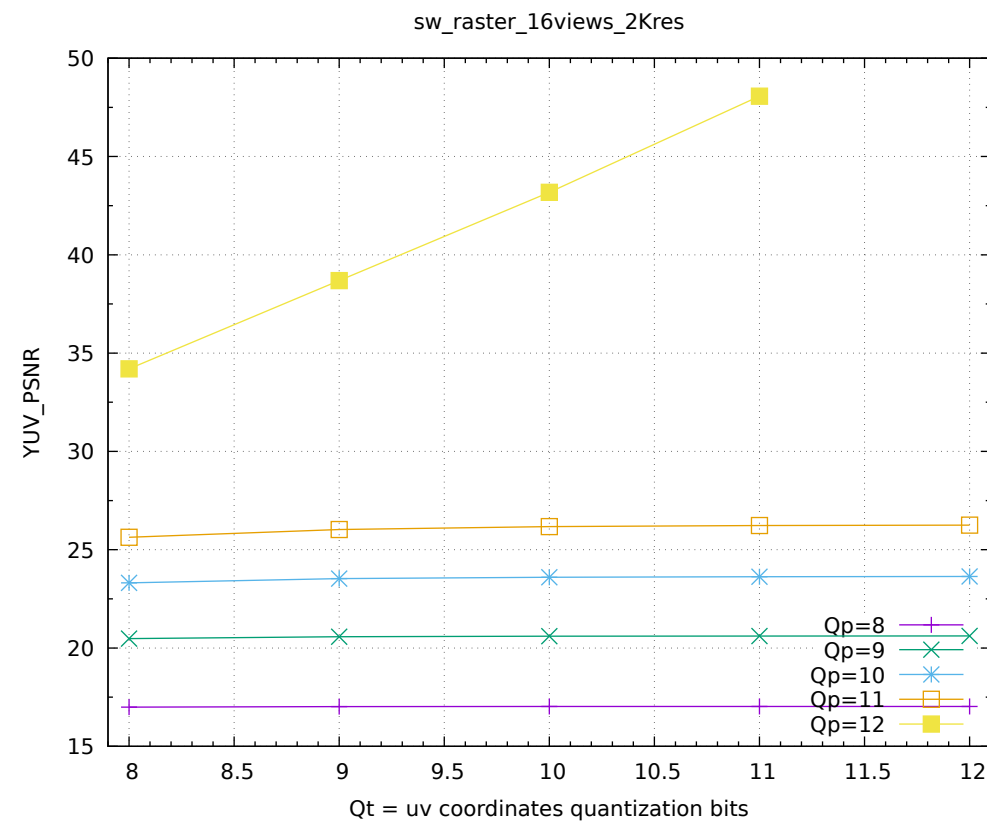
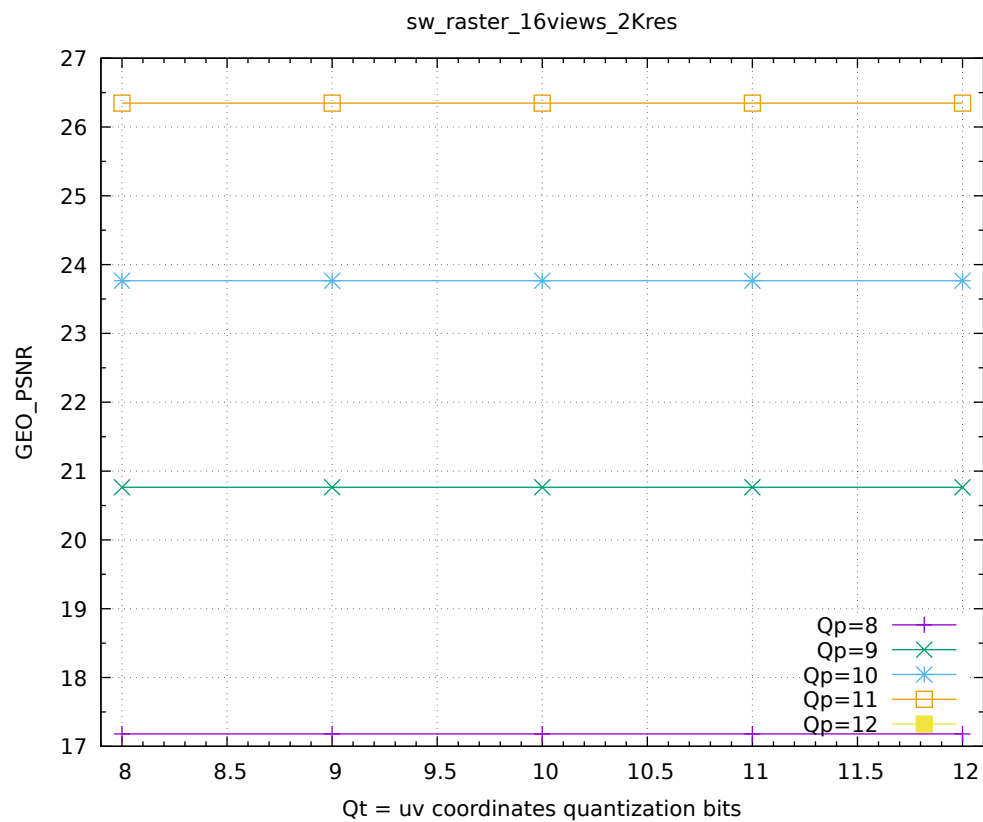
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
10	12	inf	inf	0.0000	0.0000	3.0024
10	11	inf	40.3849	0.0000	5.9511	3.0116
10	10	inf	35.3189	0.0000	19.1069	3.0171
10	9	inf	30.6661	0.0000	55.7785	3.0089
10	8	inf	26.4855	0.0000	146.0610	2.9790
9	12	21.3086	20.3968	481.0858	593.4684	3.0419
9	11	21.3086	20.3724	481.0858	596.8108	3.0128
9	10	21.3086	20.3516	481.0858	599.6876	3.0095
9	9	21.3086	20.2026	481.0858	620.6181	3.0386
9	8	21.3086	19.7459	481.0858	689.4297	3.0699
8	12	18.5836	17.5829	900.9993	1134.4691	3.0763
8	11	18.5836	17.5788	900.9993	1135.5465	3.0843
8	10	18.5836	17.5659	900.9993	1138.9014	3.0692
8	9	18.5836	17.5200	900.9993	1151.0111	3.1481
8	8	18.5836	17.3615	900.9993	1193.7980	3.0932

ibsm = f(Qt) - redandblack_fr1450



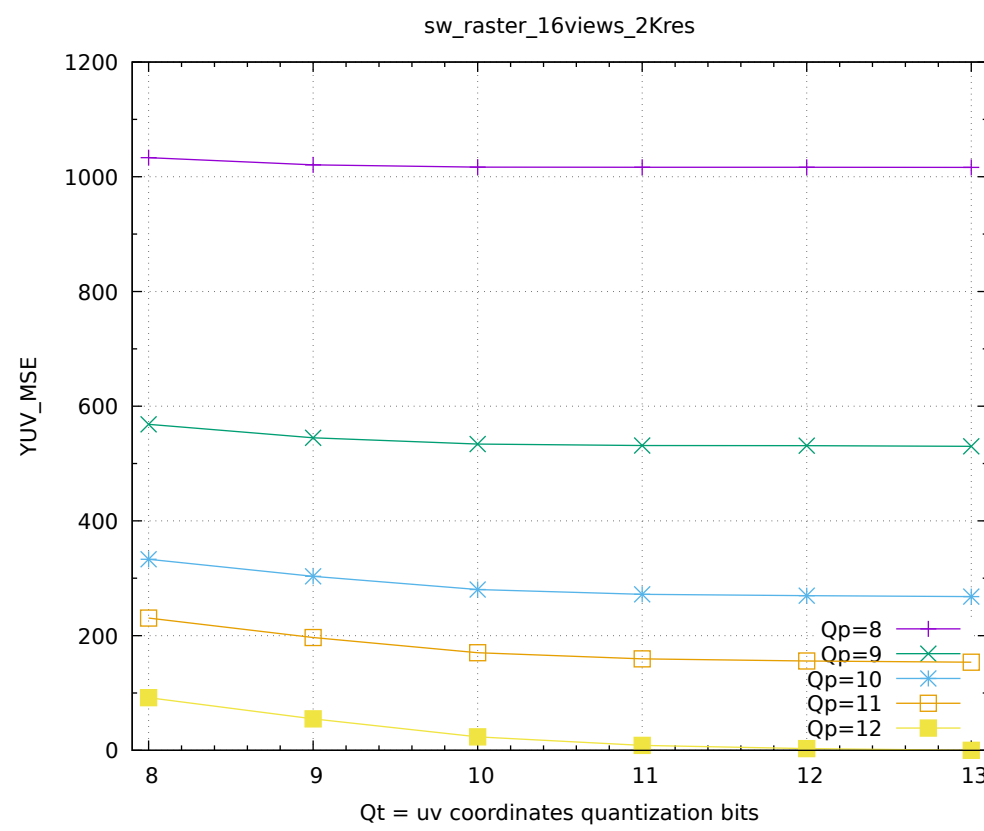
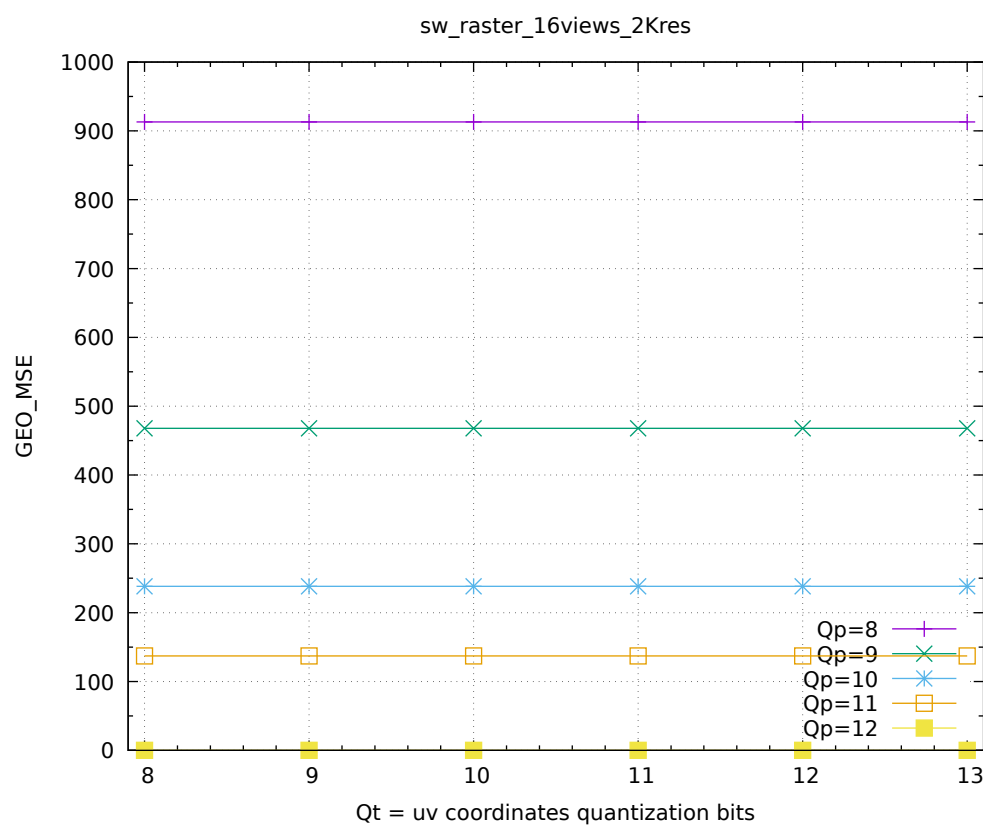
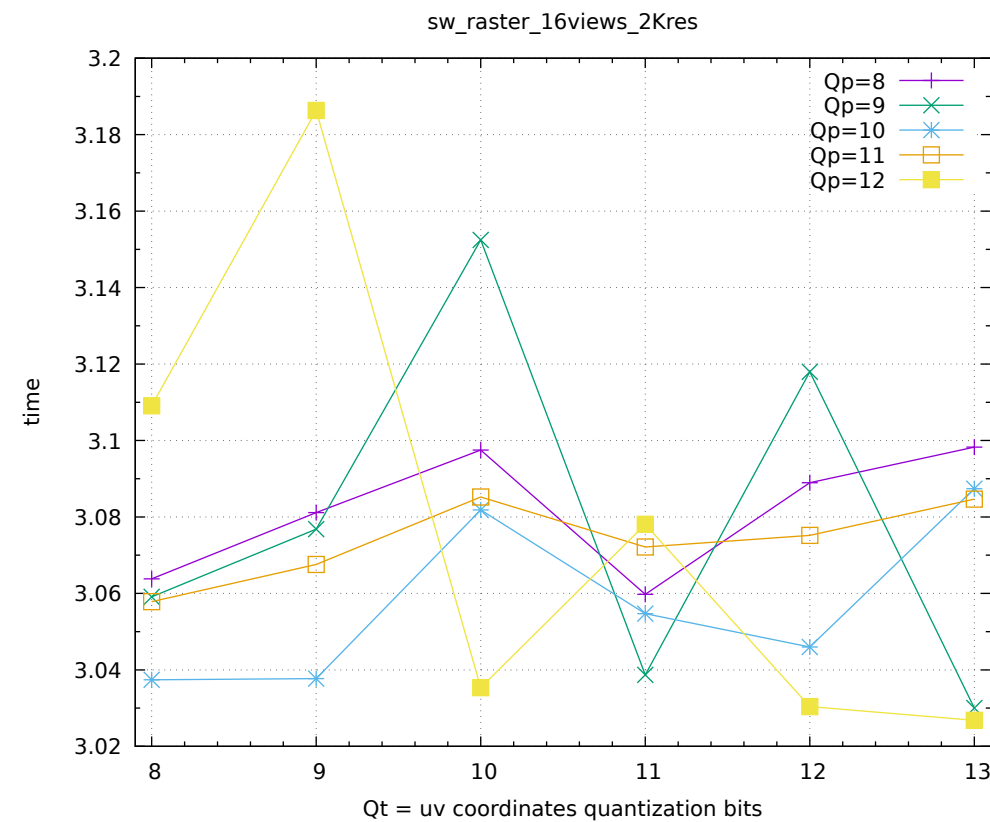
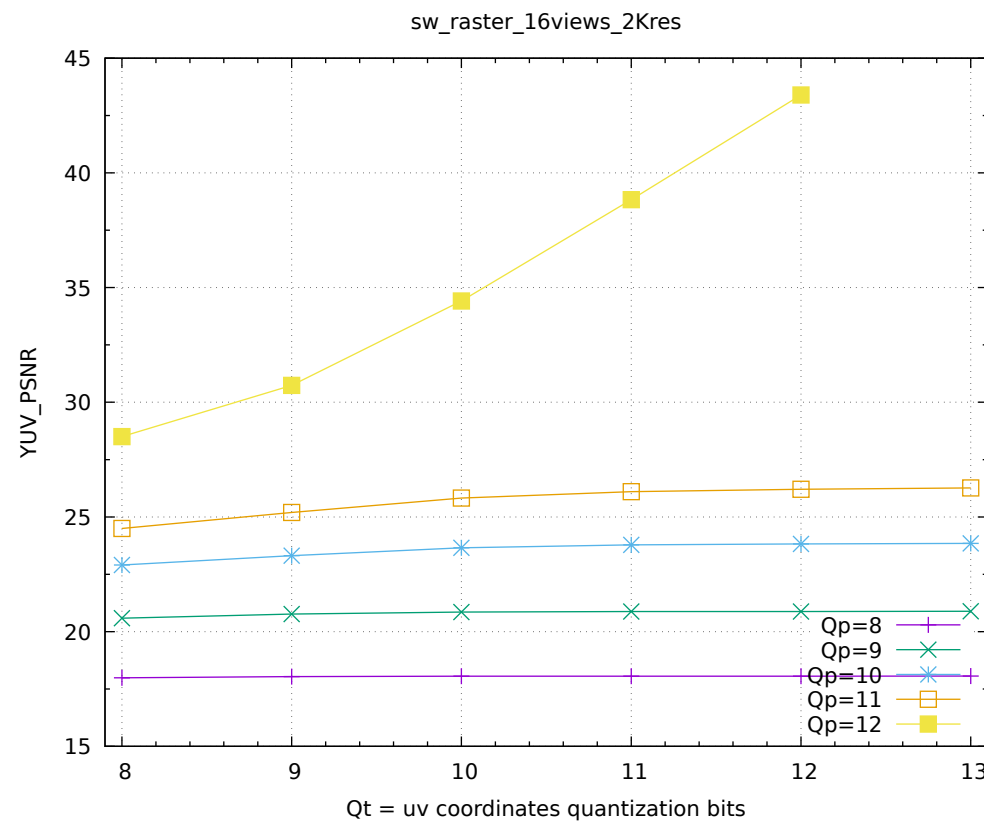
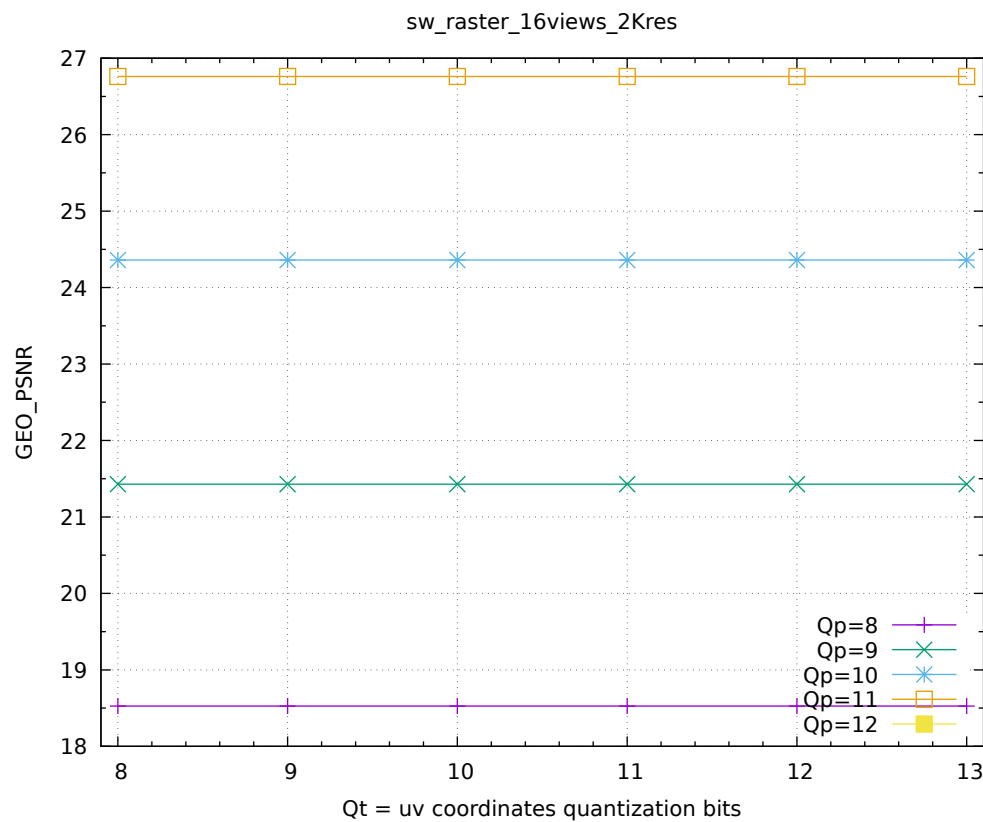
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
10	12	inf	inf	0.0000	0.0000	3.0596
10	11	inf	45.3261	0.0000	1.9075	3.0789
10	10	inf	40.3680	0.0000	5.9742	3.0969
10	9	inf	35.8982	0.0000	16.7209	3.1099
10	8	inf	31.3581	0.0000	47.5636	3.0873
9	12	19.8444	19.5693	673.9733	718.0411	3.1084
9	11	19.8444	19.5659	673.9733	718.6116	3.1161
9	10	19.8444	19.5533	673.9733	720.6883	3.1069
9	9	19.8444	19.5163	673.9733	726.8671	3.1340
9	8	19.8444	19.3691	673.9733	751.9119	3.1238
8	12	17.3855	17.0144	1187.2258	1293.1383	3.1140
8	11	17.3855	17.0121	1187.2258	1293.8030	3.1265
8	10	17.3855	17.0062	1187.2258	1295.5730	3.1365
8	9	17.3855	16.9955	1187.2258	1298.7524	3.2451
8	8	17.3855	16.9345	1187.2258	1317.1320	3.1438

ibsm = f(Qt) - exercise_fr0301



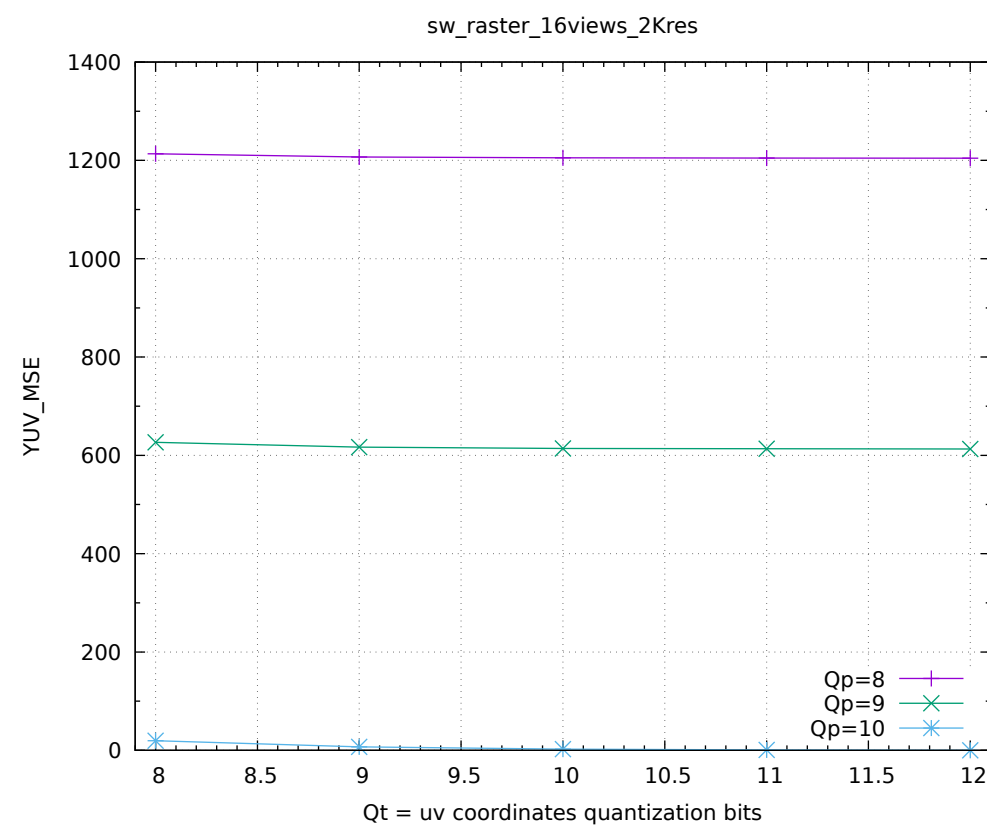
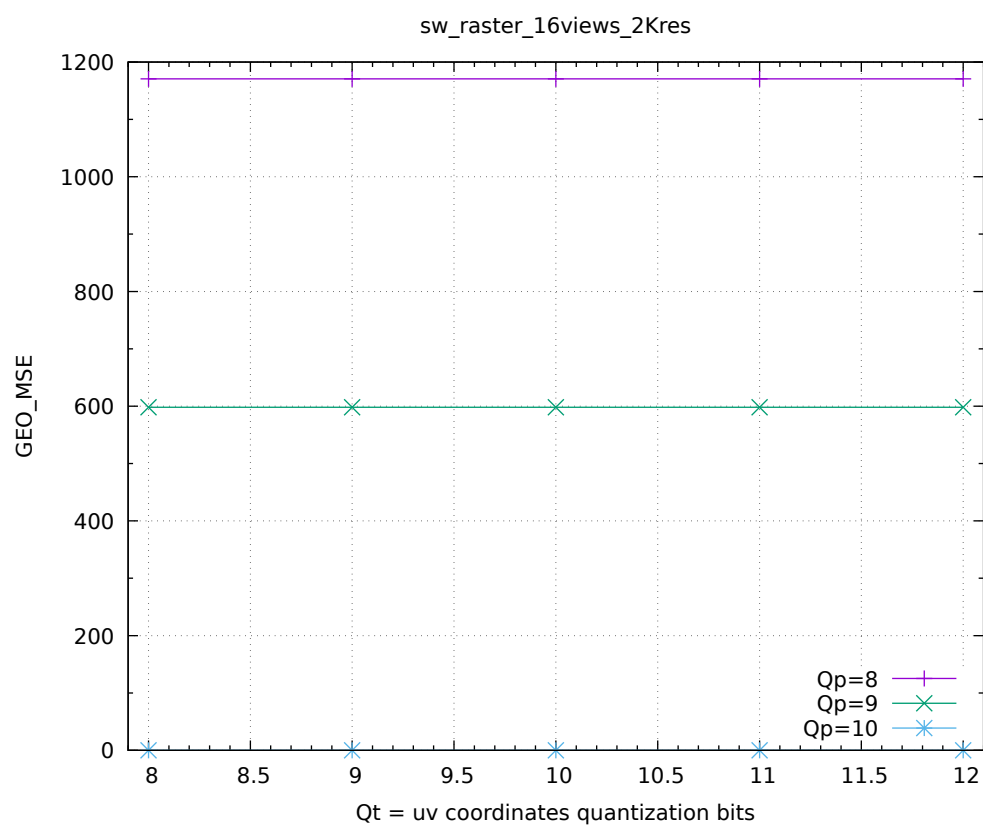
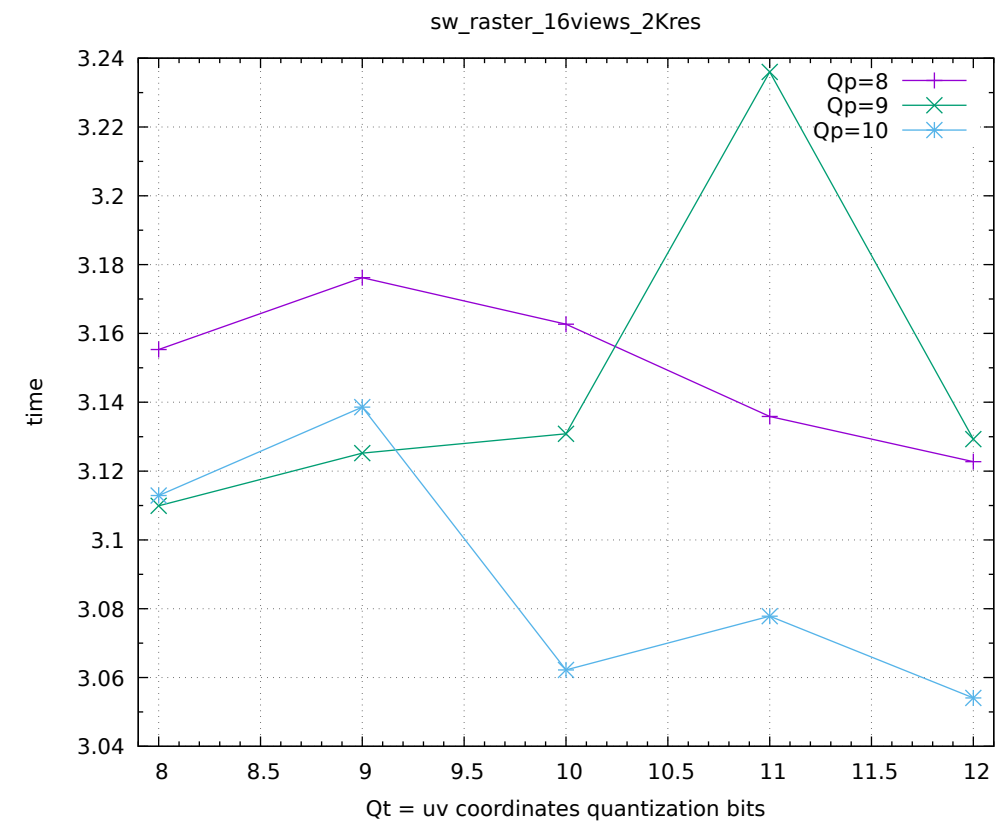
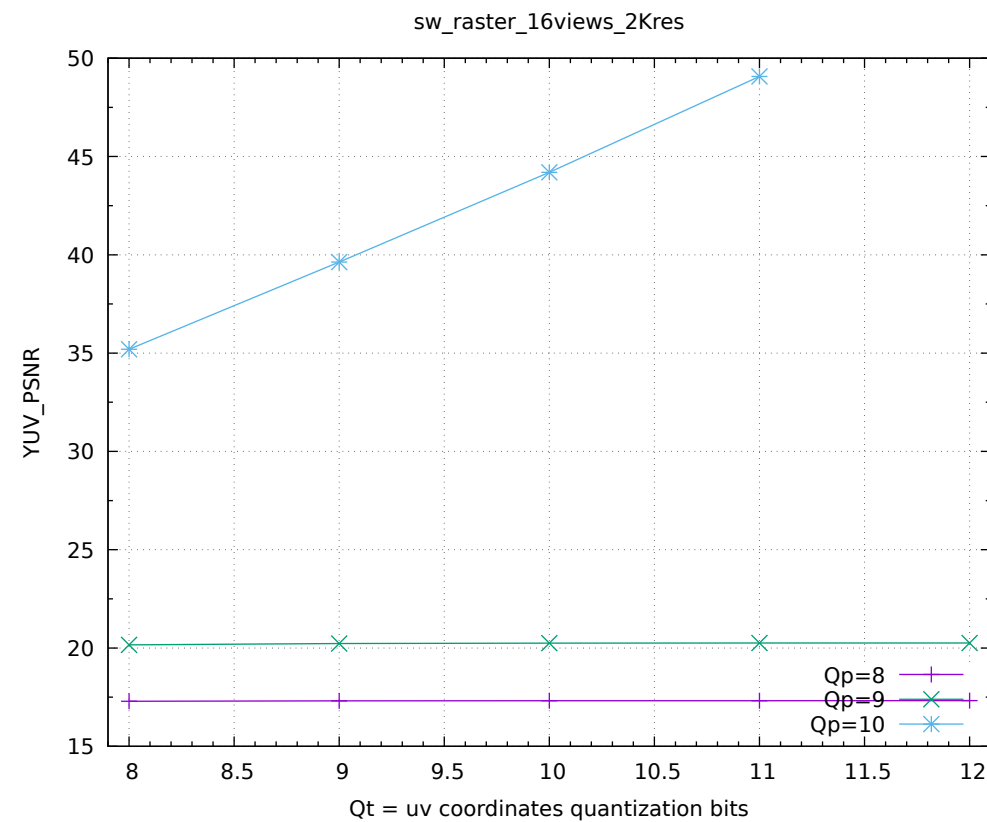
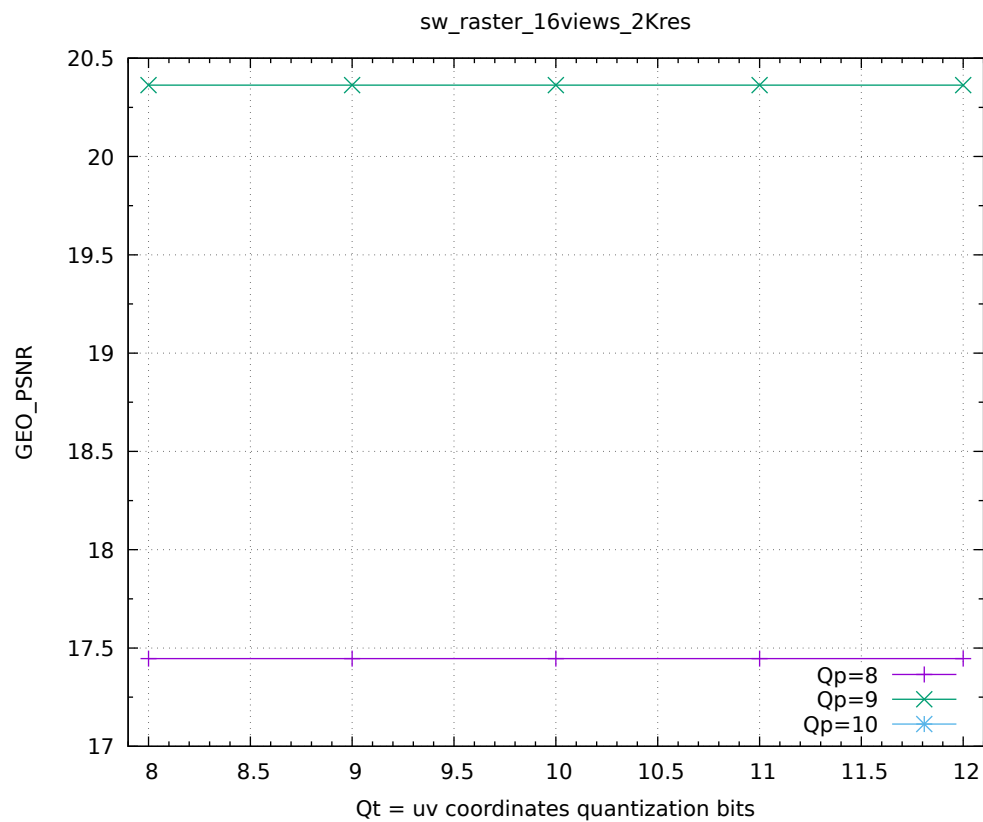
qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	12	inf	inf	0.0000	0.0000	2.7452
12	11	inf	47.8630	0.0000	1.0636	2.7369
12	10	inf	43.0697	0.0000	3.2071	2.7169
12	9	inf	38.6210	0.0000	8.9326	2.7294
12	8	inf	34.1652	0.0000	24.9205	2.7160
11	12	26.3473	26.2469	150.7833	154.3099	2.7639
11	11	26.3473	26.2273	150.7833	155.0050	2.7630
11	10	26.3473	26.1752	150.7833	156.8783	2.7284
11	9	26.3473	26.0228	150.7833	162.4793	2.7693
11	8	26.3473	25.6254	150.7833	178.0492	2.7722
10	12	23.7671	23.6353	273.1331	281.5462	2.7433
10	11	23.7671	23.6259	273.1331	282.1586	2.8044
10	10	23.7671	23.5992	273.1331	283.8951	2.7928
10	9	23.7671	23.5271	273.1331	288.6501	2.7957
10	8	23.7671	23.3130	273.1331	303.2389	2.7382
9	12	20.7652	20.6115	545.2054	564.8414	2.7728
9	11	20.7652	20.6086	545.2054	565.2294	2.7552
9	10	20.7652	20.5989	545.2054	566.4840	2.7651
9	9	20.7652	20.5757	545.2054	569.5255	2.7529
9	8	20.7652	20.4749	545.2054	582.8901	2.7551
8	12	17.1809	17.0285	1244.4745	1288.9365	2.7382
8	11	17.1809	17.0272	1244.4745	1289.3199	2.7420
8	10	17.1809	17.0257	1244.4745	1289.7692	2.7939
8	9	17.1809	17.0200	1244.4745	1291.4585	2.7623
8	8	17.1809	16.9947	1244.4745	1298.9886	2.7857

ibsm = f(Qt) - thomas_fr0618



qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
12	13	inf	inf	0.0000	0.0000	3.0268
12	12	inf	43.2462	0.0000	3.0793	3.0304
12	11	inf	38.7059	0.0000	8.7597	3.0781
12	10	inf	34.2926	0.0000	24.2003	3.0353
12	9	inf	30.6208	0.0000	56.3633	3.1863
12	8	inf	28.3803	0.0000	94.4164	3.1091
11	13	26.7612	26.2516	137.0746	154.1408	3.0847
11	12	26.7612	26.1915	137.0746	156.2903	3.0752
11	11	26.7612	26.0857	137.0746	160.1450	3.0721
11	10	26.7612	25.7959	137.0746	171.1929	3.0852
11	9	26.7612	25.1580	137.0746	198.2784	3.0676
11	8	26.7612	24.4485	137.0746	233.4713	3.0578
10	13	24.3601	23.8316	238.2726	269.1033	3.0874
10	12	24.3601	23.8039	238.2726	270.8260	3.0460
10	11	24.3601	23.7661	238.2726	273.1957	3.0547
10	10	24.3601	23.6319	238.2726	281.7673	3.0818
10	9	24.3601	23.2828	238.2726	305.3531	3.0377
10	8	24.3601	22.8684	238.2726	335.9250	3.0374
9	13	21.4292	20.8693	467.9095	532.2889	3.0300
9	12	21.4292	20.8610	467.9095	533.3073	3.1180
9	11	21.4292	20.8586	467.9095	533.6102	3.0387
9	10	21.4292	20.8371	467.9095	536.2551	3.1525
9	9	21.4292	20.7475	467.9095	547.4276	3.0768
9	8	21.4292	20.5583	467.9095	571.8112	3.0591
8	13	18.5262	18.0439	912.9781	1020.2134	3.0983
8	12	18.5262	18.0424	912.9781	1020.5635	3.0889
8	11	18.5262	18.0431	912.9781	1020.4045	3.0598
8	10	18.5262	18.0413	912.9781	1020.8216	3.0975
8	9	18.5262	18.0247	912.9781	1024.7394	3.0812
8	8	18.5262	17.9686	912.9781	1038.0557	3.0638

$$\text{ibsm} = f(\text{Qt}) - \text{loot_fr1000}$$



qp	qt	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time
10	12	inf	inf	0.0000	0.0000	3.0541
10	11	inf	48.8756	0.0000	0.8424	3.0778
10	10	inf	44.0790	0.0000	2.5420	3.0622
10	9	inf	39.5302	0.0000	7.2454	3.1386
10	8	inf	35.1020	0.0000	20.0853	3.1129
9	12	20.3632	20.2513	598.0873	613.6866	3.1293
9	11	20.3632	20.2483	598.0873	614.1190	3.2360
9	10	20.3632	20.2438	598.0873	614.7527	3.1308
9	9	20.3632	20.2247	598.0873	617.4601	3.1252
9	8	20.3632	20.1553	598.0873	627.4127	3.1099
8	12	17.4464	17.3181	1170.6985	1205.7861	3.1228
8	11	17.4464	17.3170	1170.6985	1206.0791	3.1359
8	10	17.4464	17.3148	1170.6985	1206.7100	3.1627
8	9	17.4464	17.3097	1170.6985	1208.1317	3.1762
8	8	17.4464	17.2852	1170.6985	1214.9667	3.1553

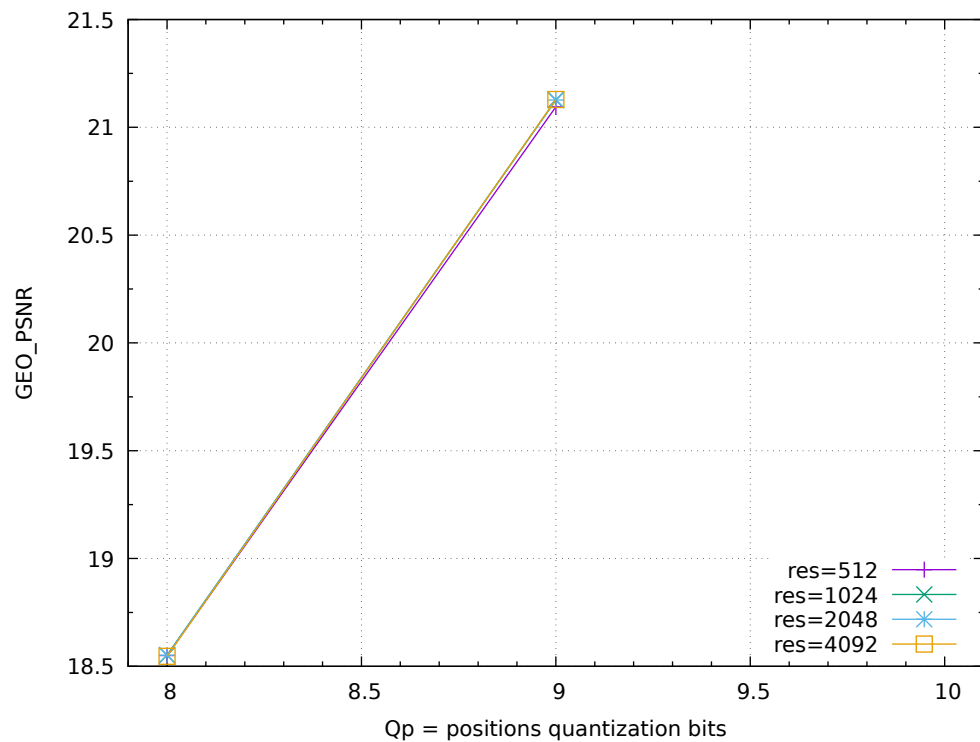
distortion= mm quantize/dequantize

metric software = merror

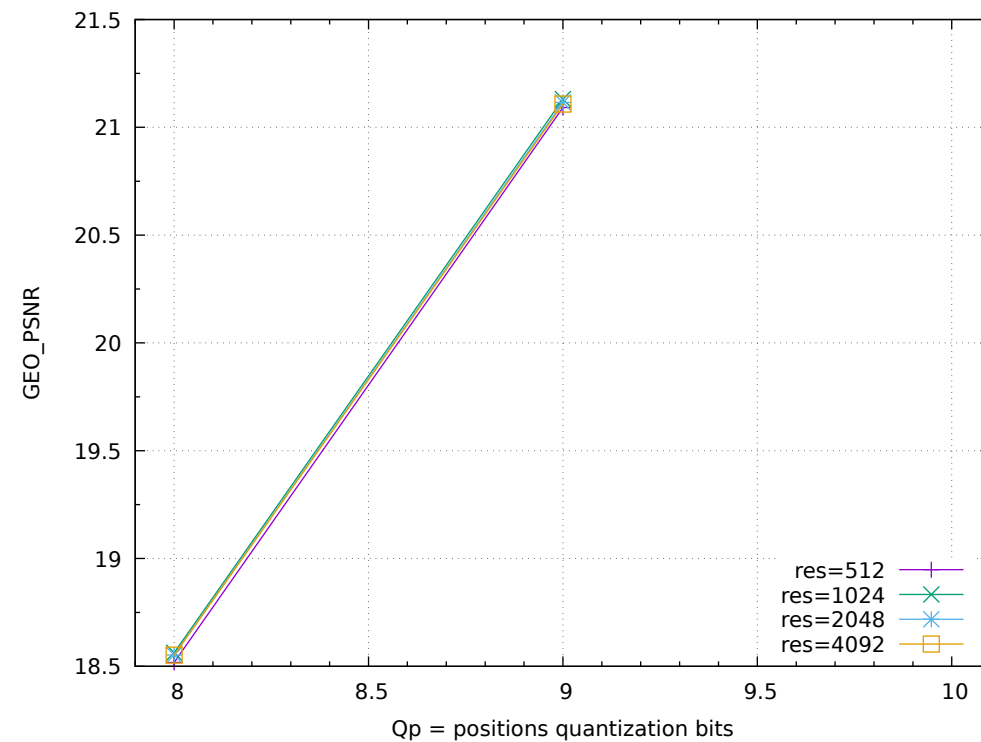
ibsm = f(QP, QT=MAX, nbviews, resolution)

raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - soldier_fr0536

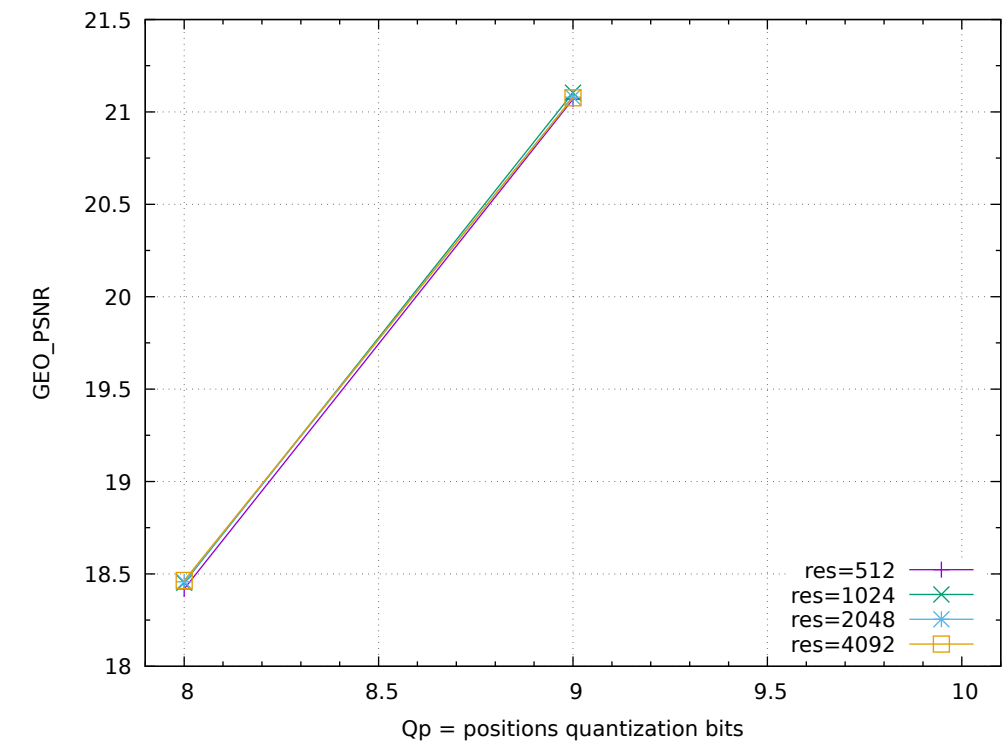
sw_raster views=16



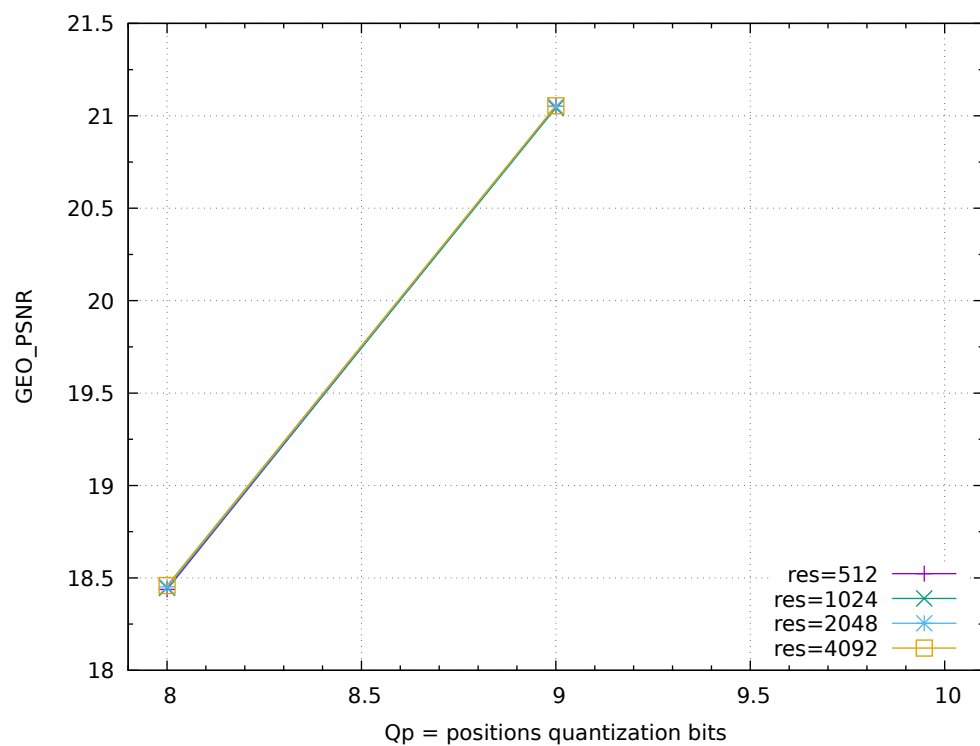
sw_raster views=18



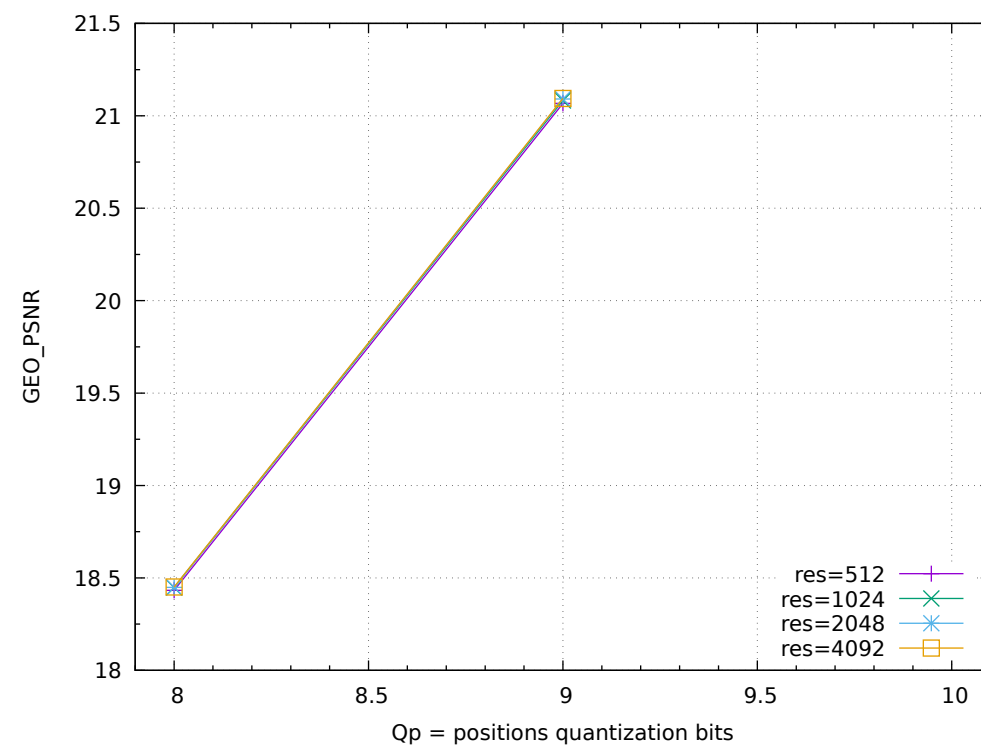
sw_raster views=24



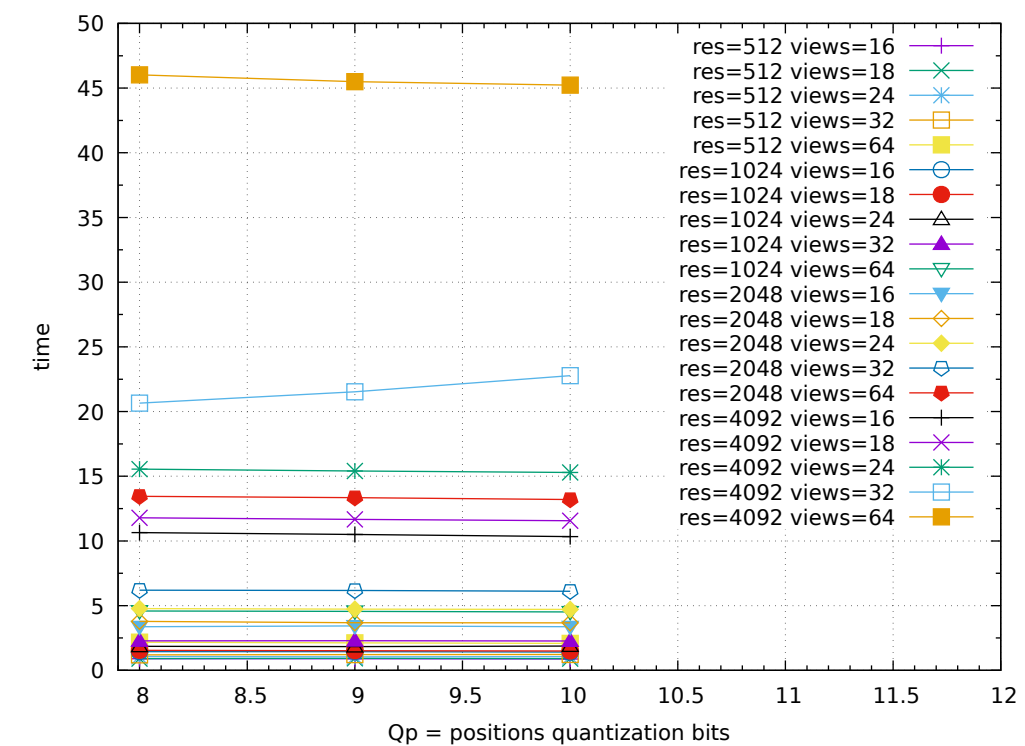
sw_raster views=32



sw_raster views=64

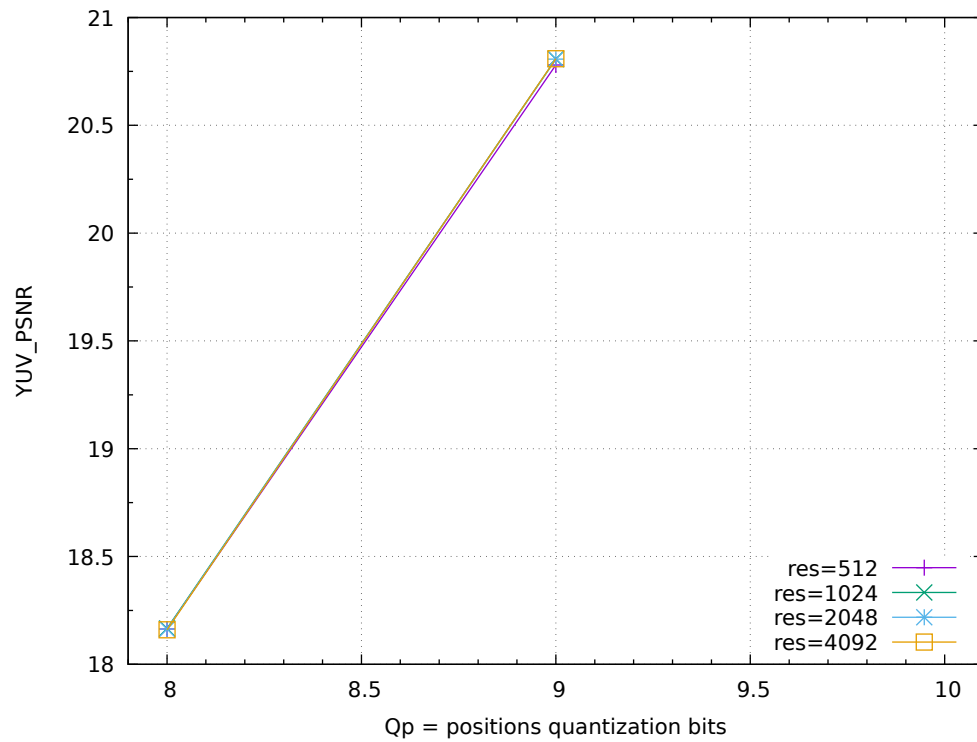


sw_raster

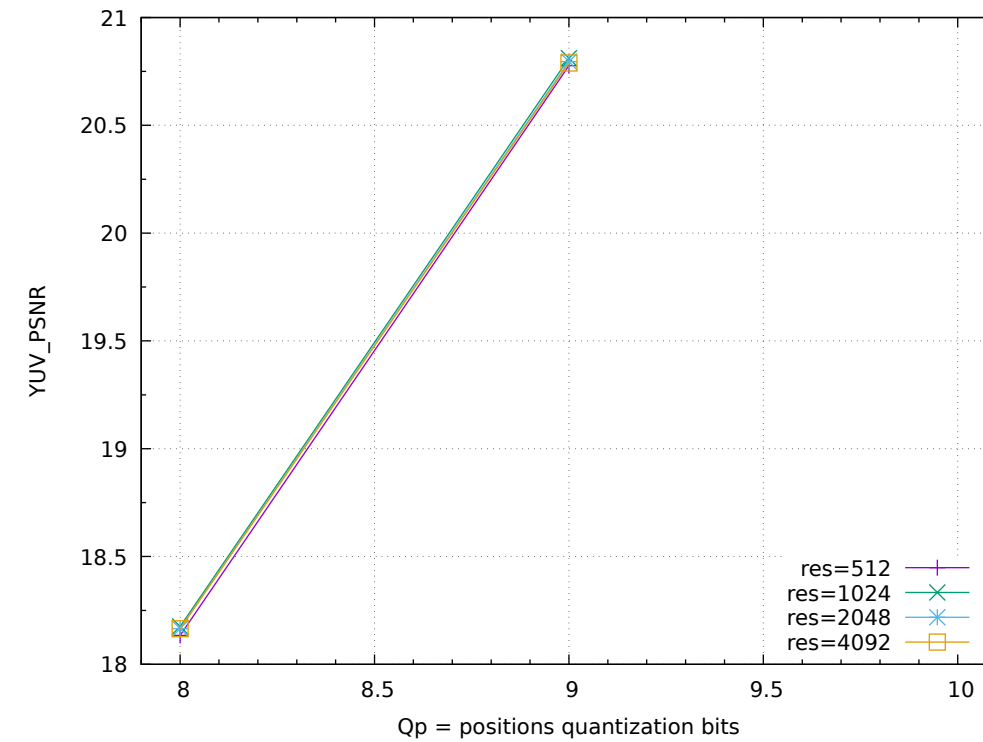


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - soldier_fr0536

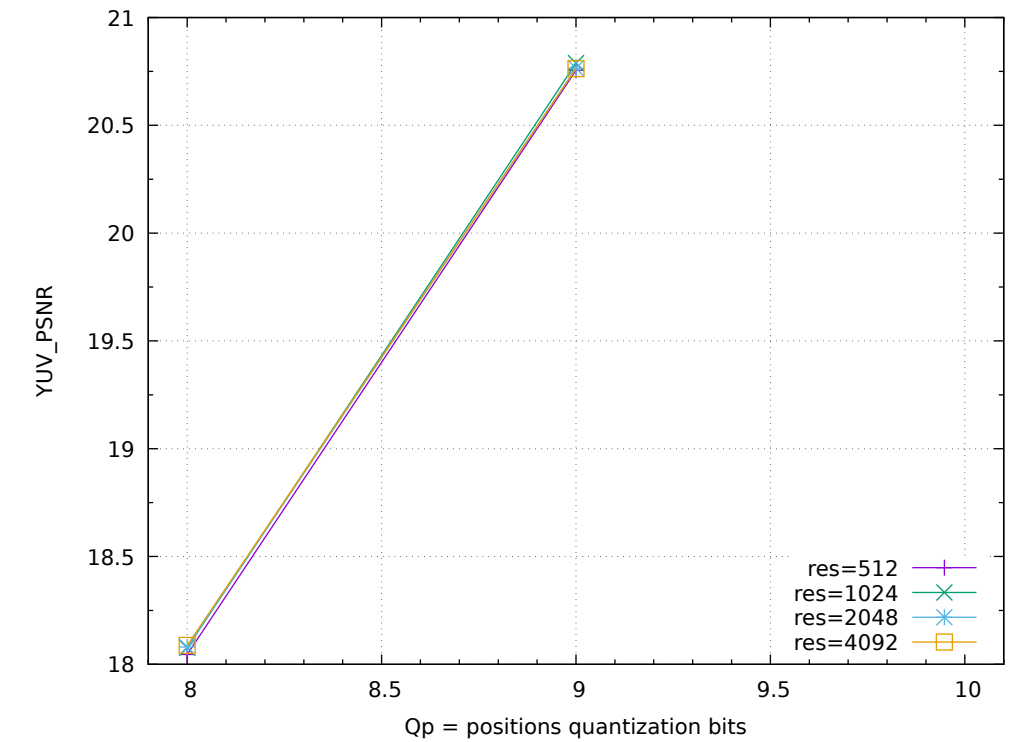
sw_raster views=16



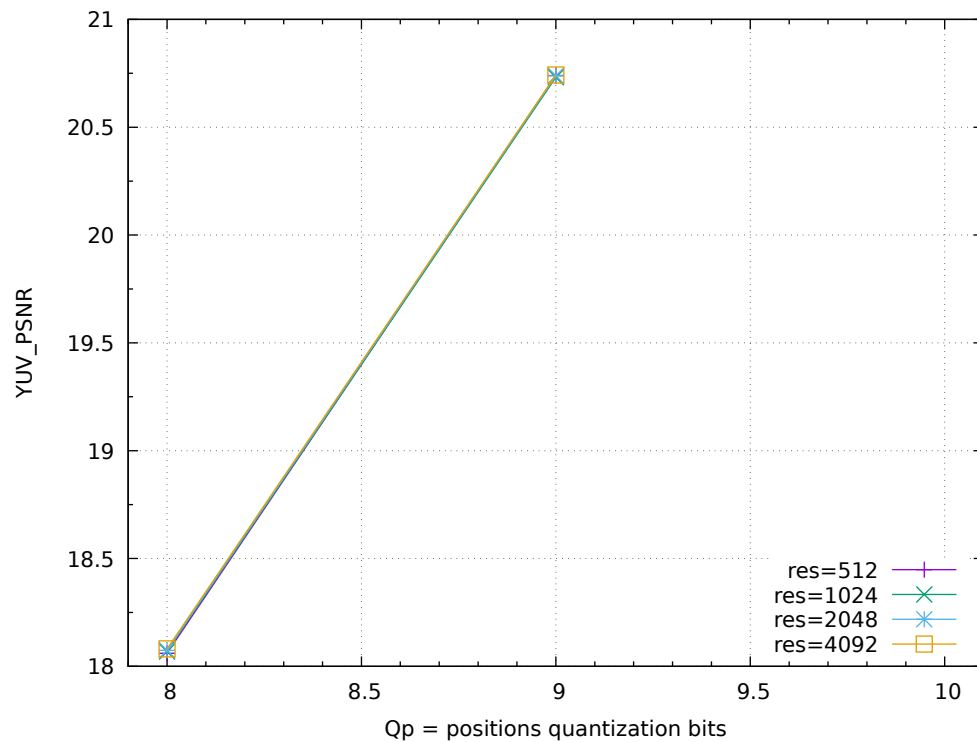
sw_raster views=18



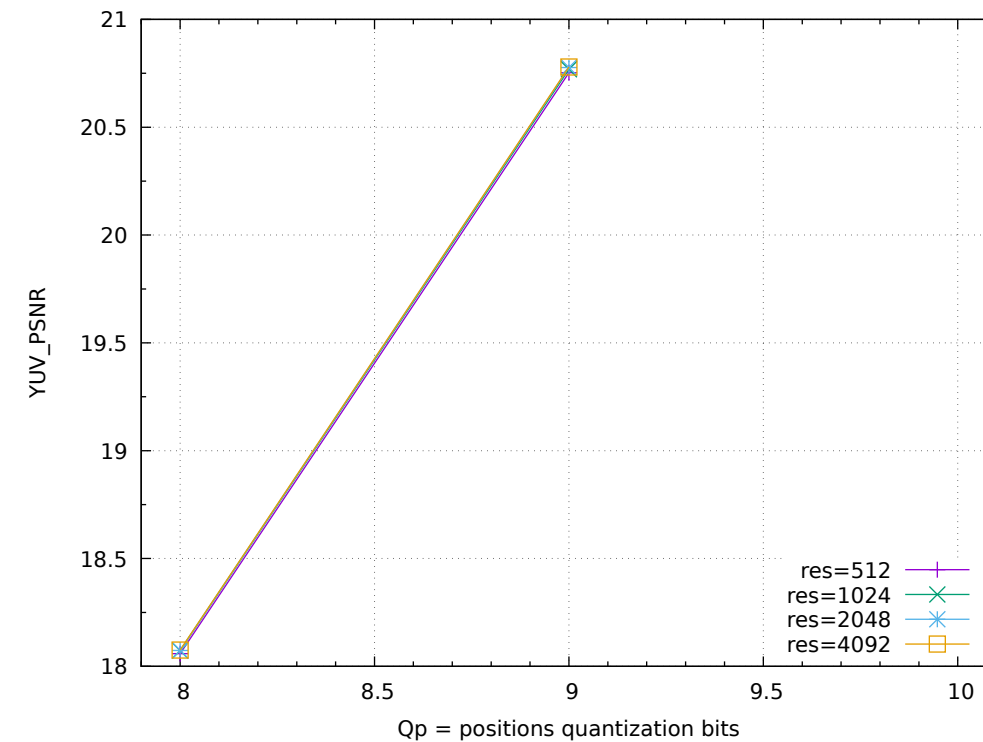
sw_raster views=24



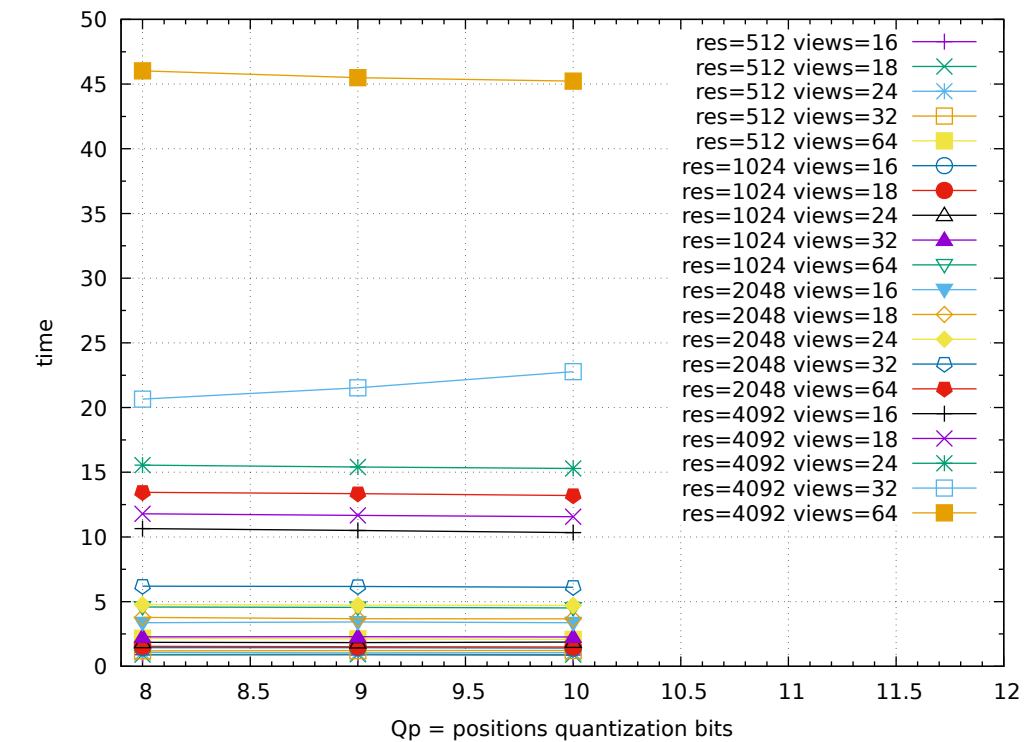
sw_raster views=32



sw_raster views=64

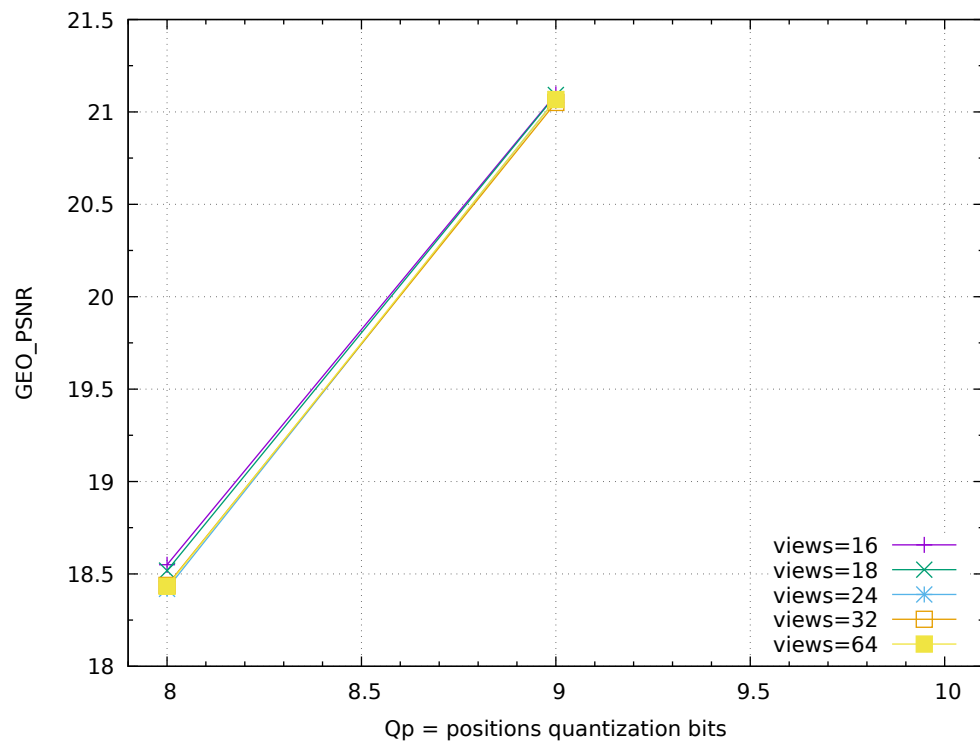


sw_raster

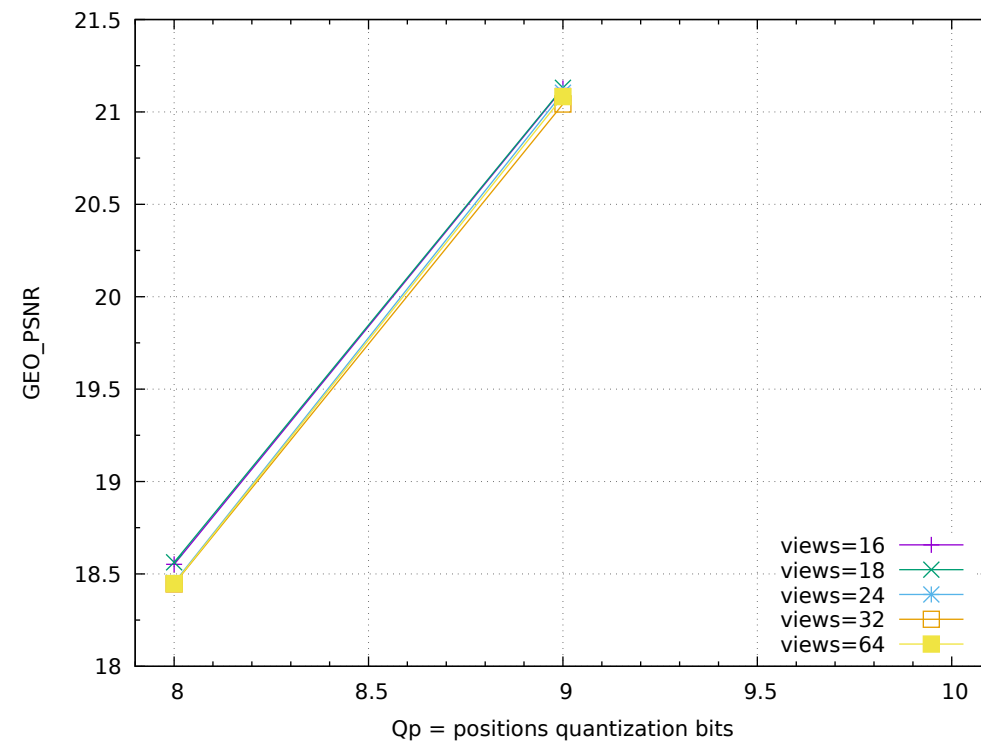


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - soldier_fr0536

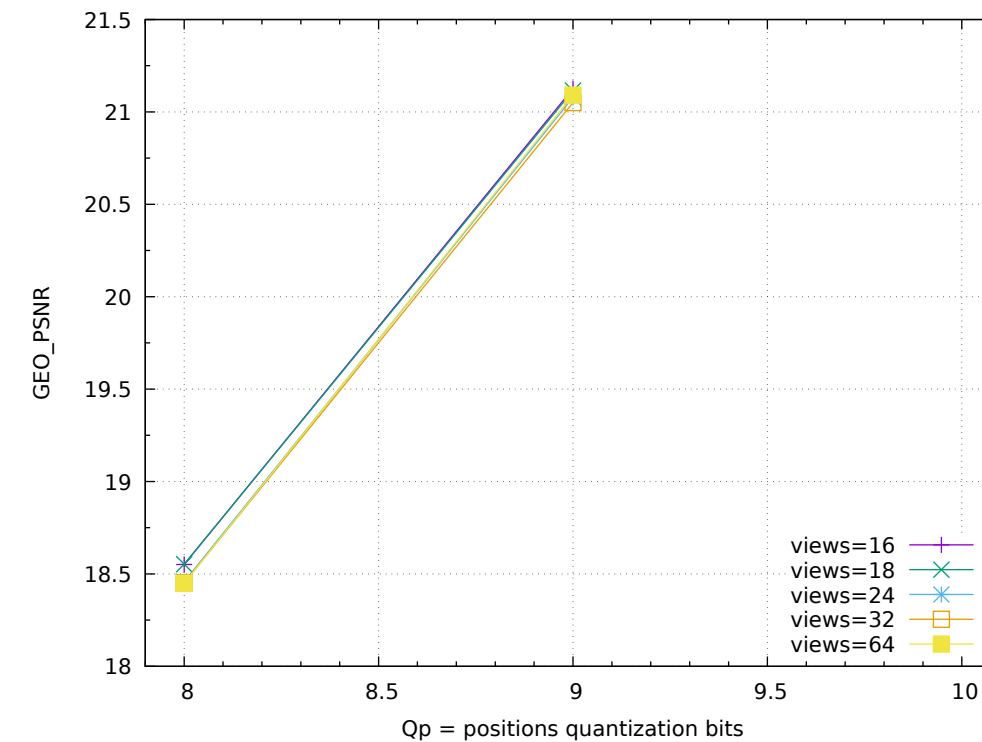
sw_raster res=512



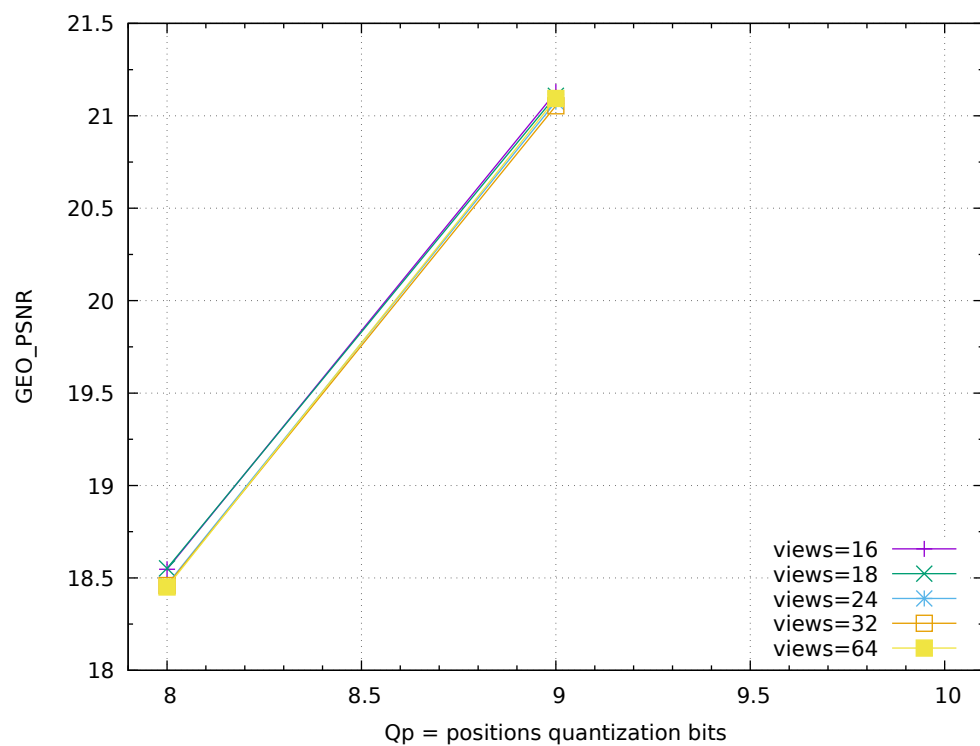
sw_raster res=1024



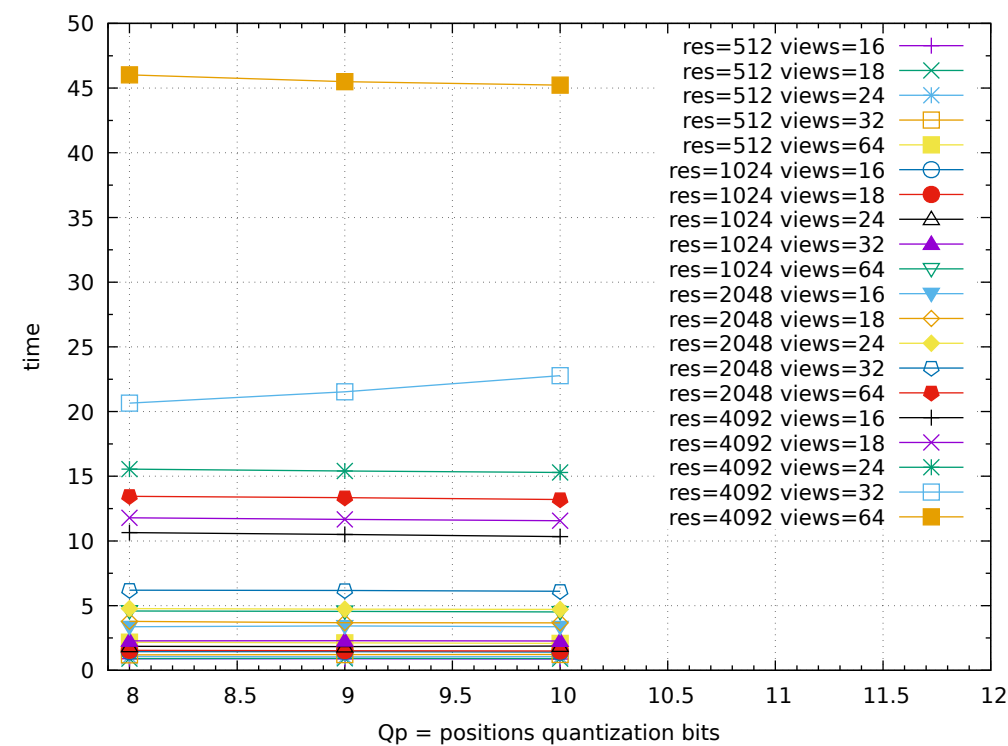
sw_raster res=2048



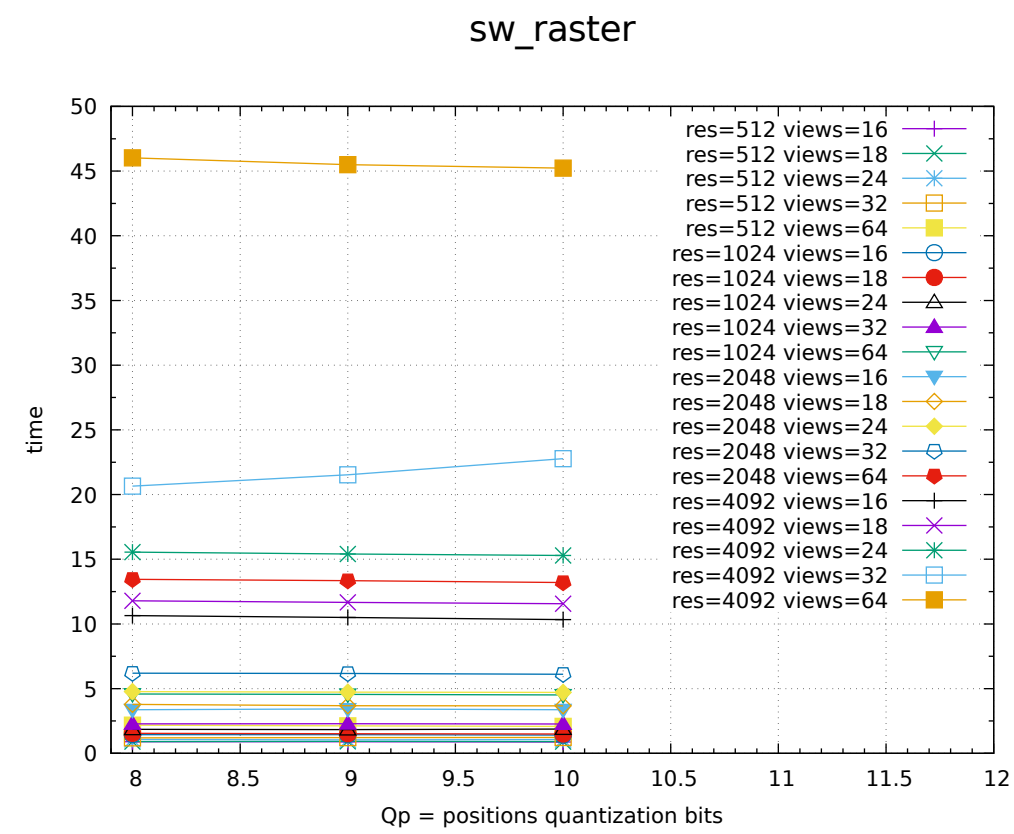
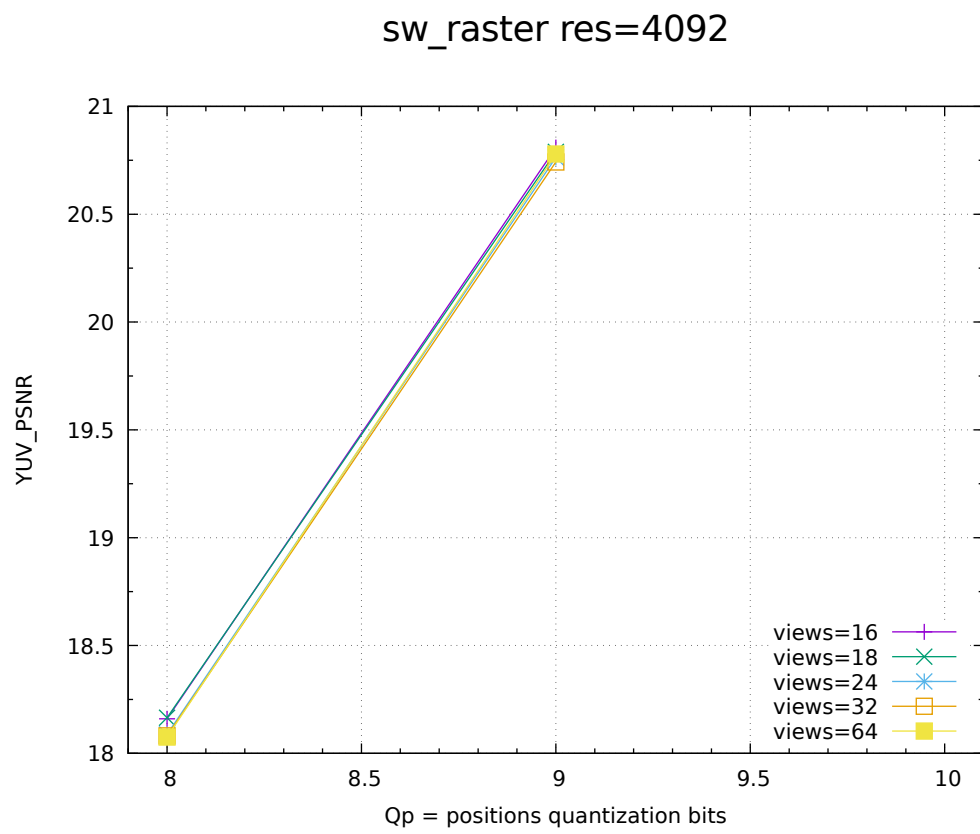
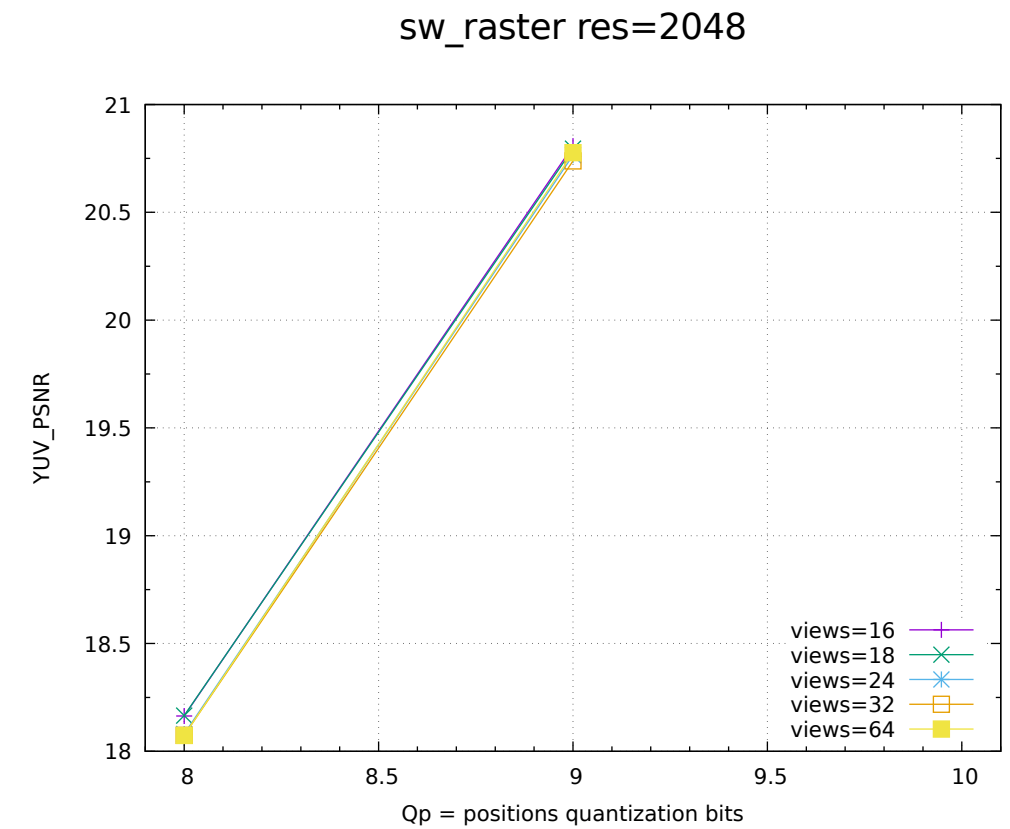
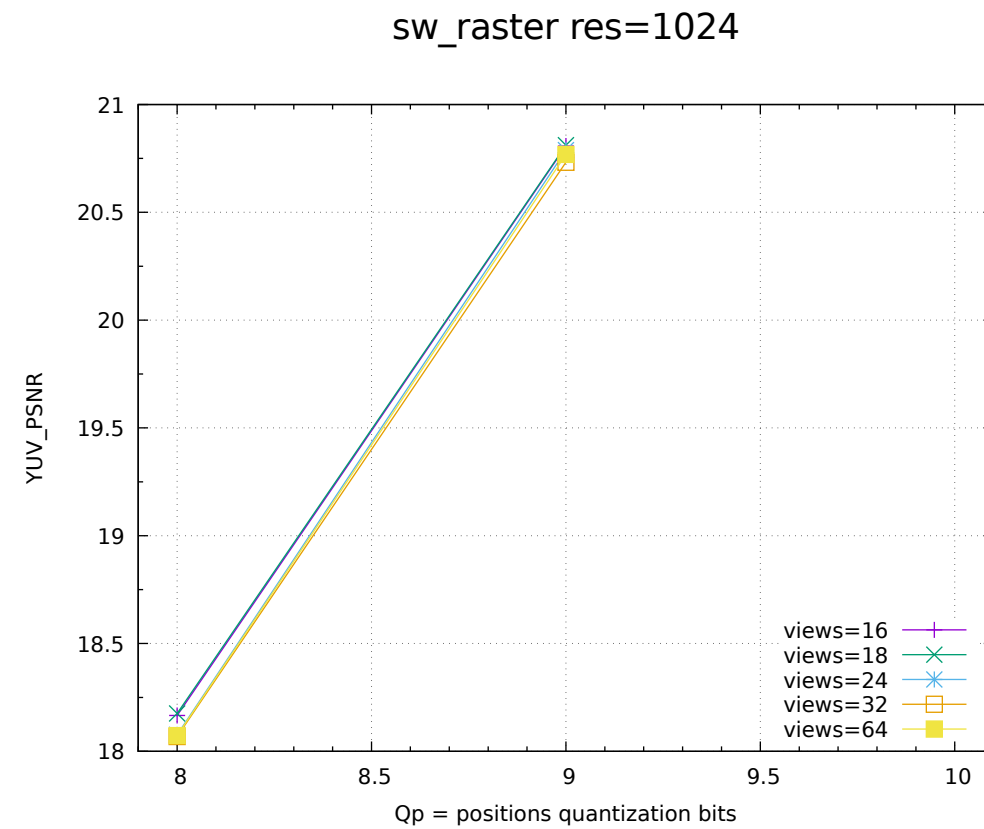
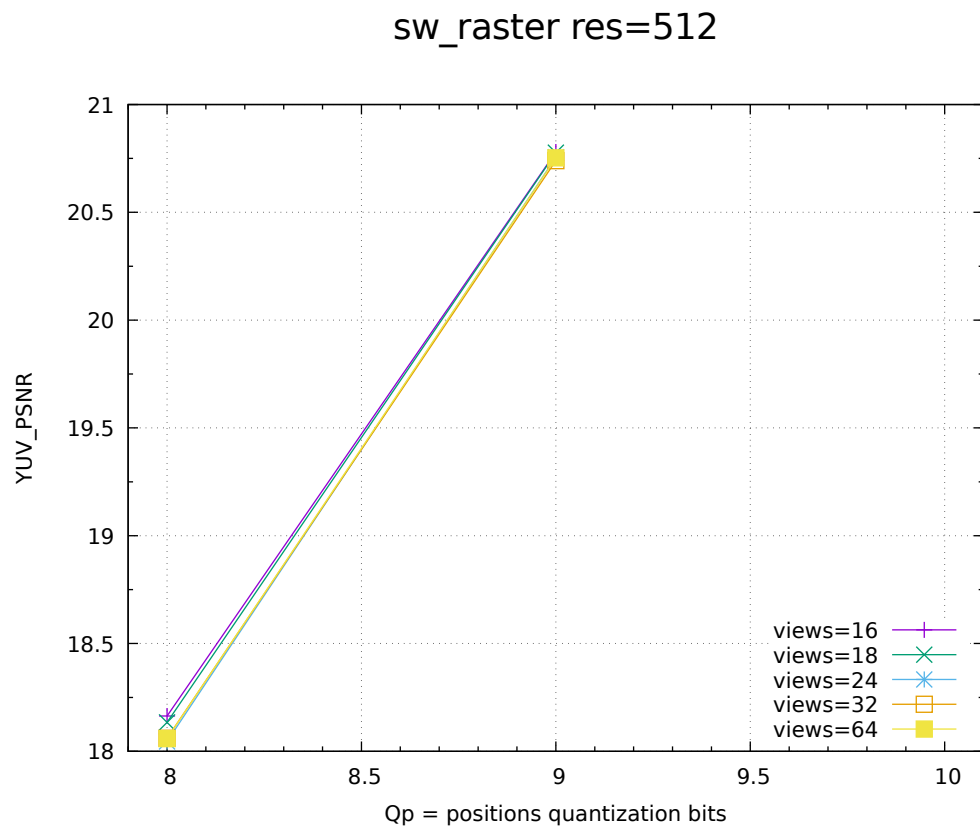
sw_raster res=4092



sw_raster

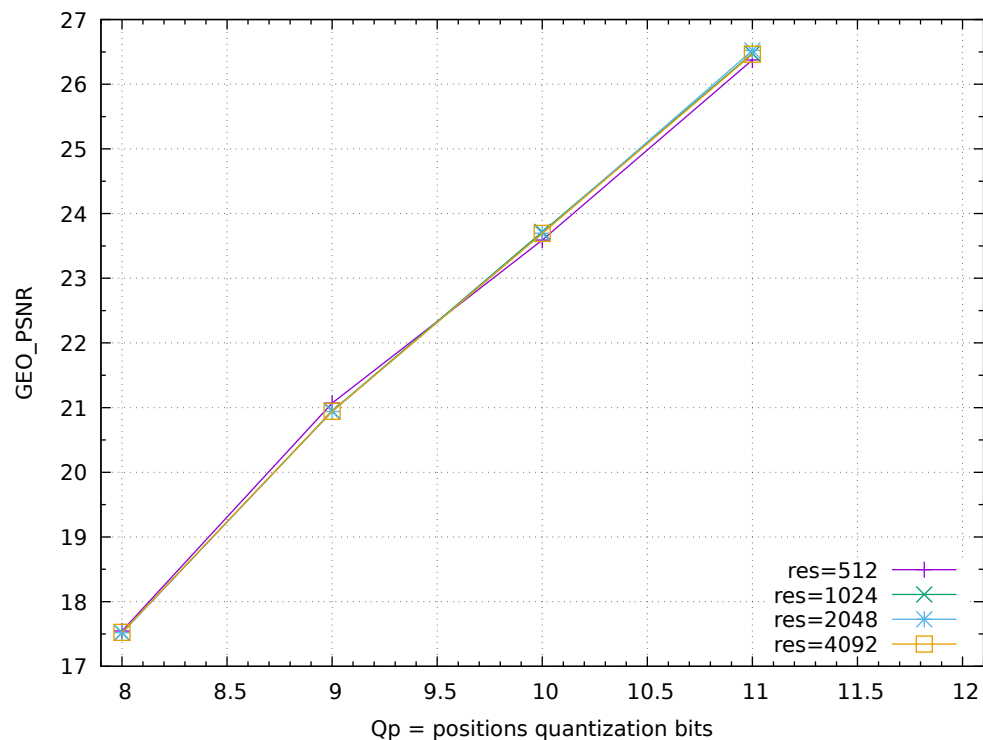


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - soldier_fr0536

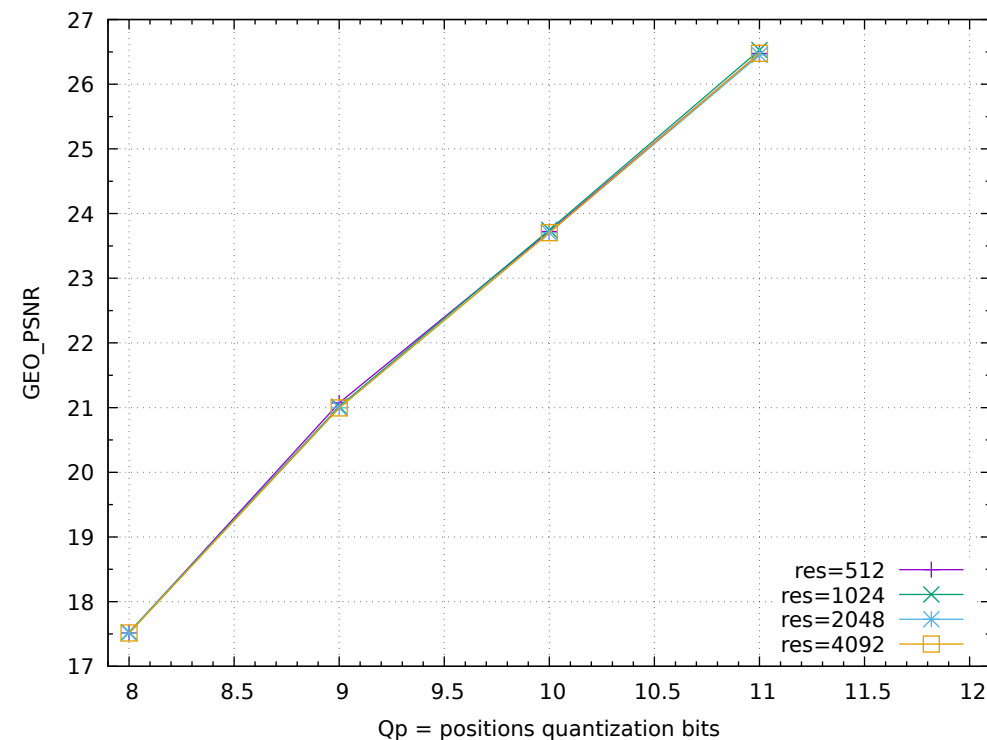


raster GEO PSNR - metric=f(Qp,res,Qt=30) - mitch fr0001

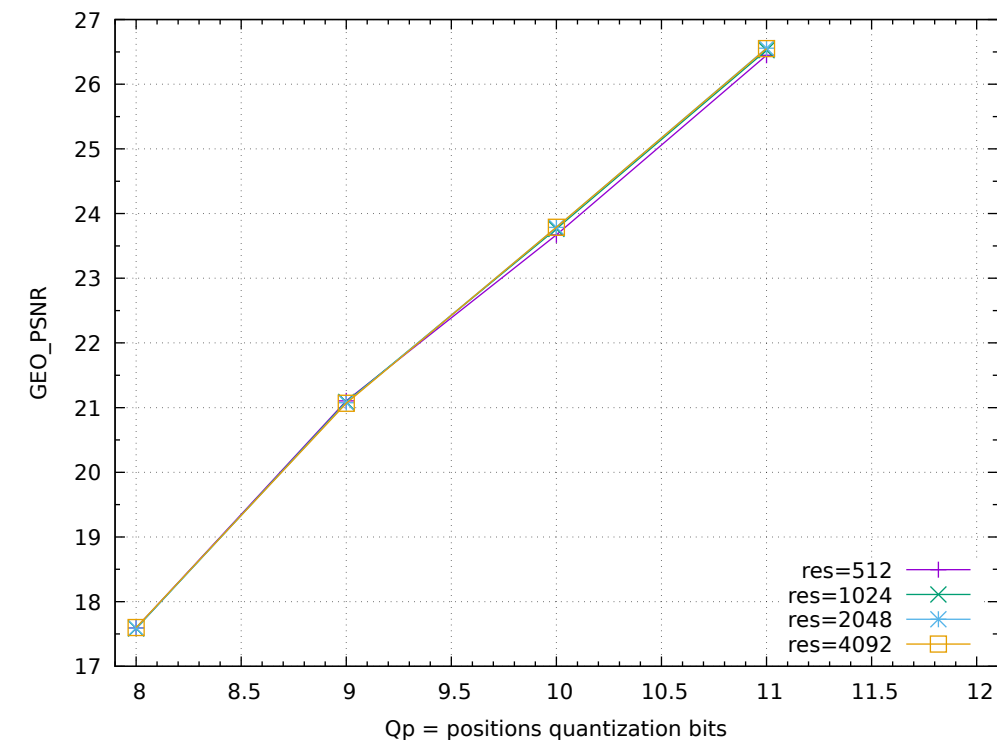
sw_raster views=16



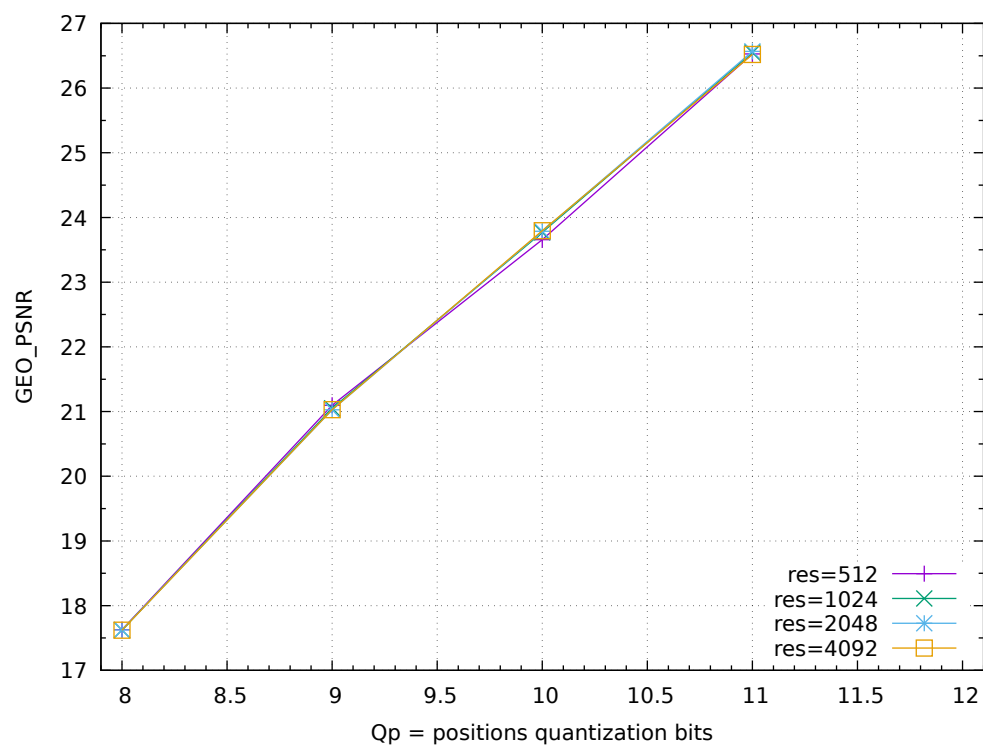
sw_raster views=18



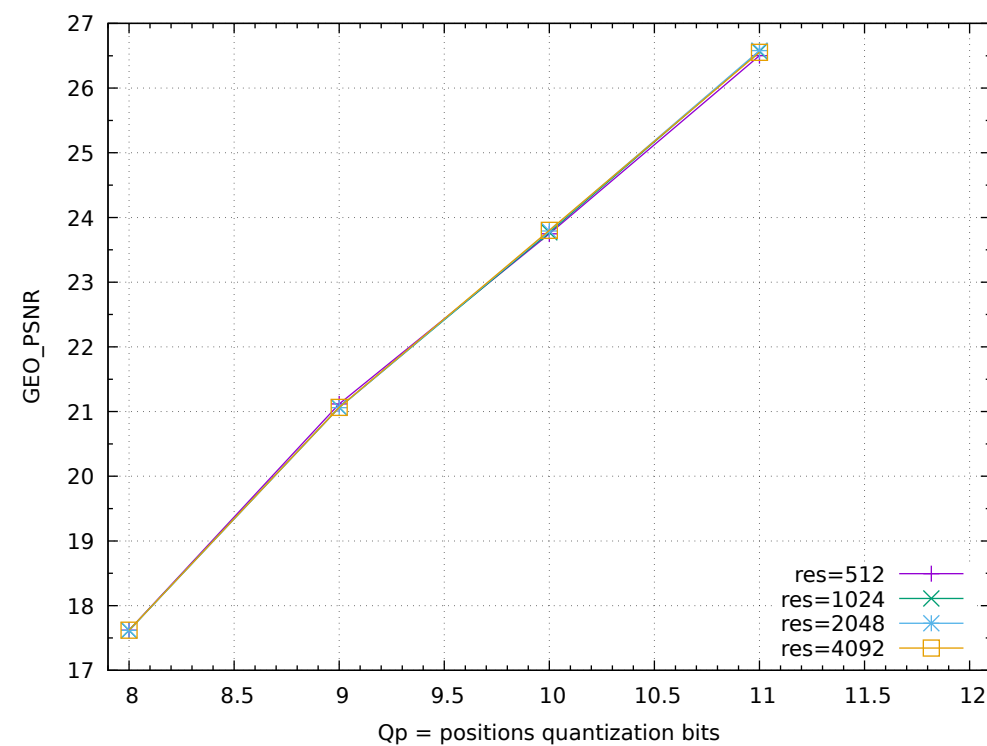
sw_raster views=24



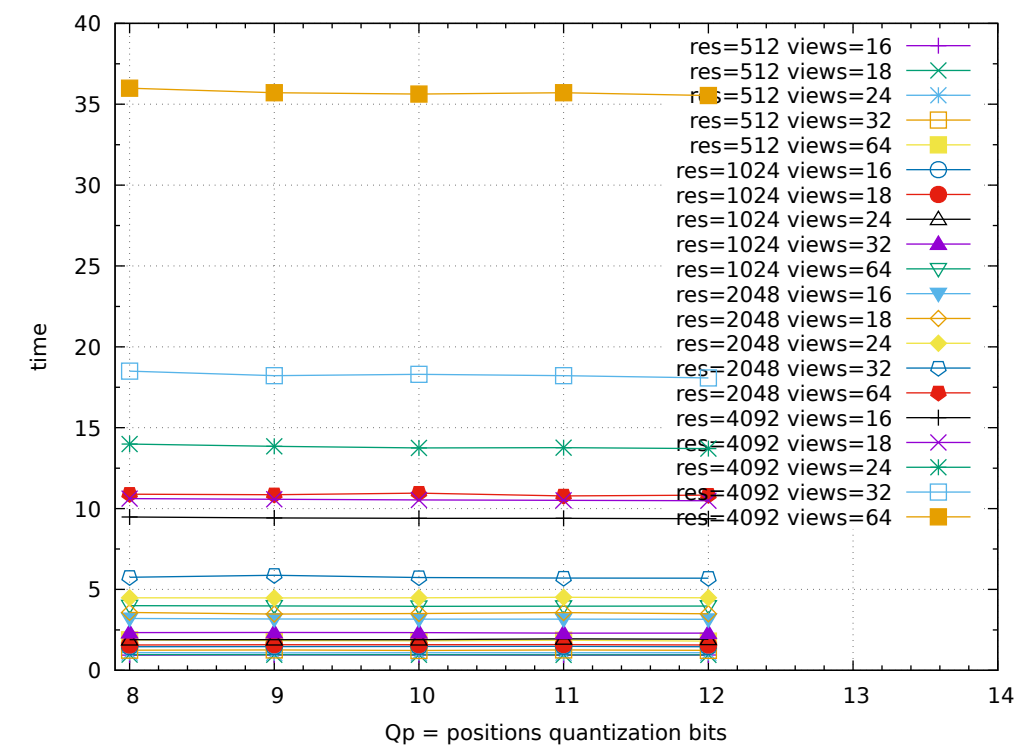
sw_raster views=32



sw_raster views=64

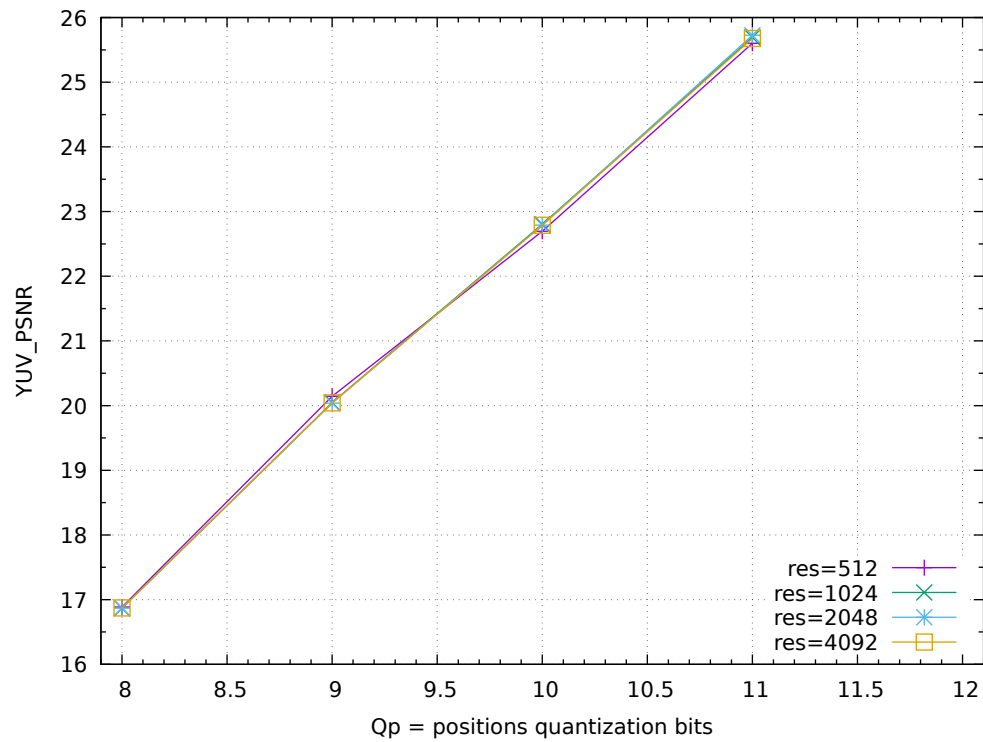


sw_raster

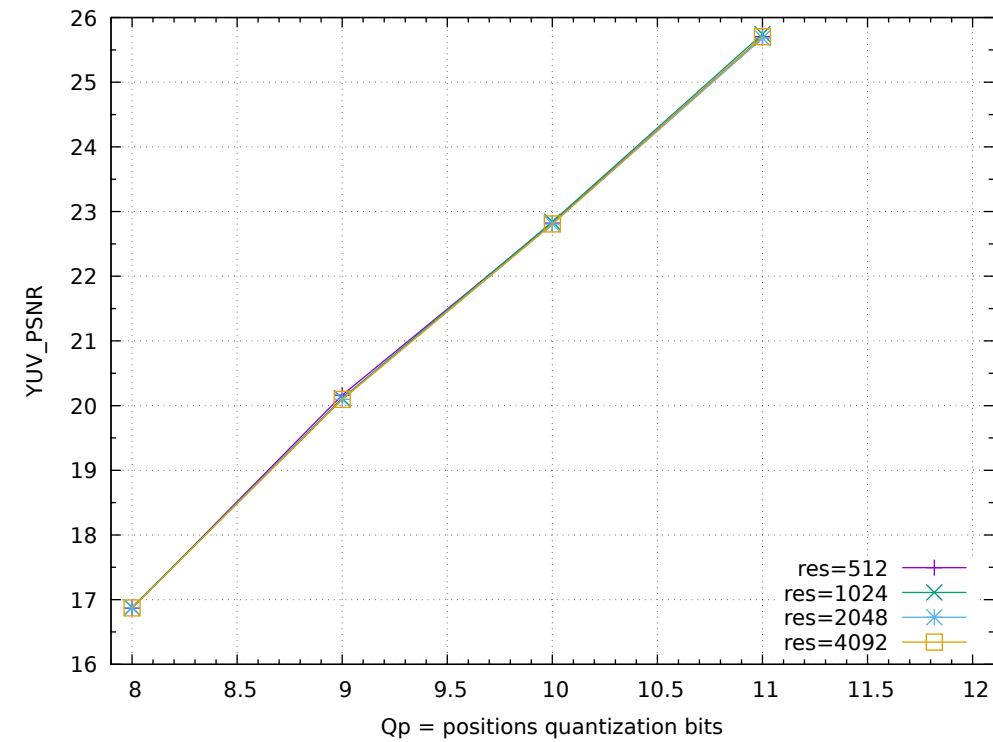


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - mitch_fr0001

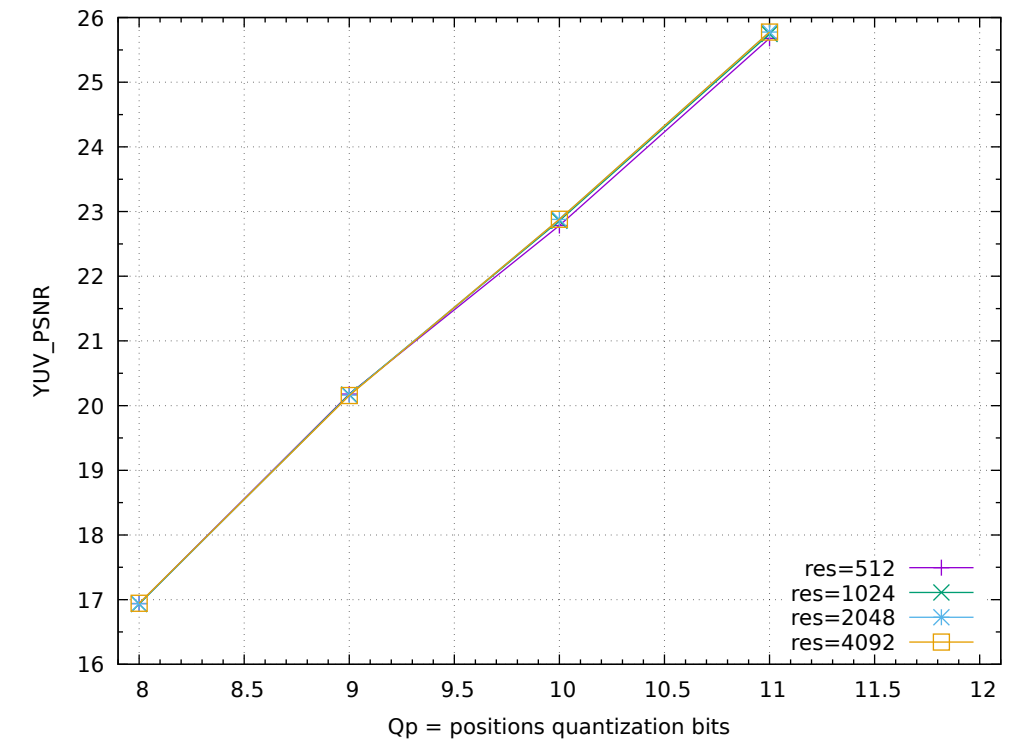
sw_raster views=16



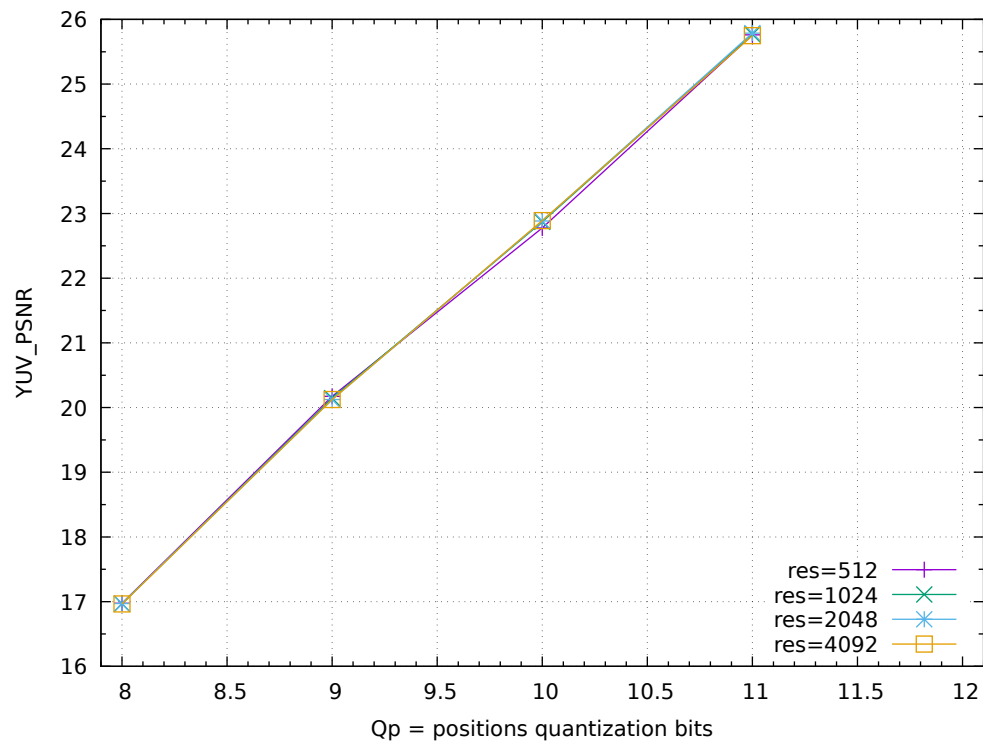
sw_raster views=18



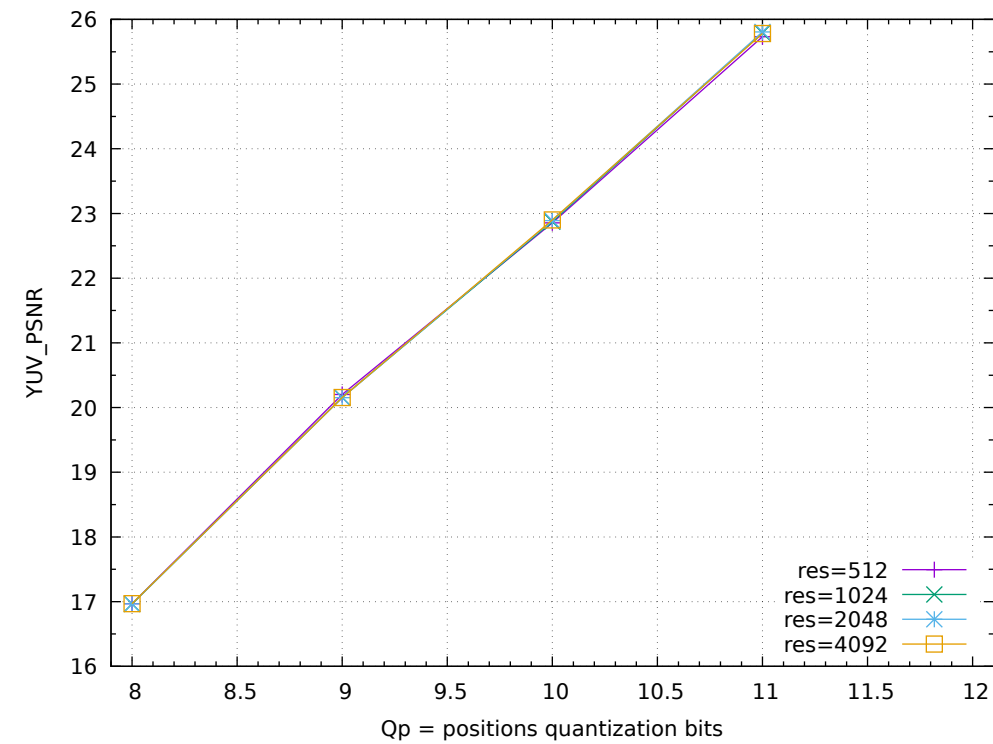
sw_raster views=24



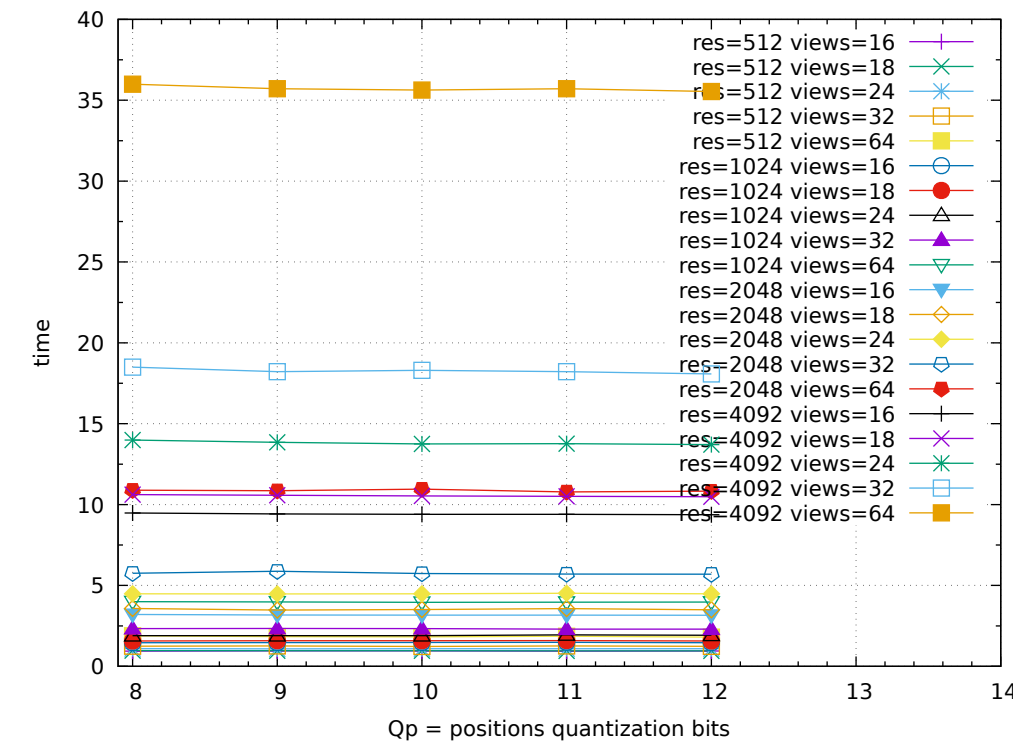
sw_raster views=32



sw_raster views=64

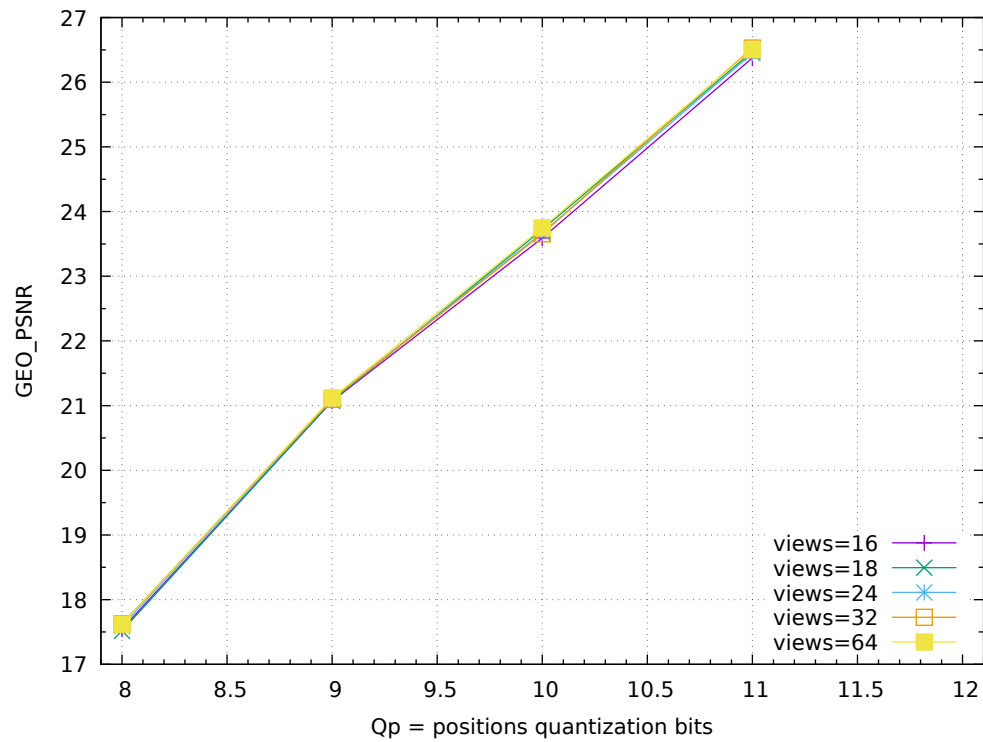


sw_raster

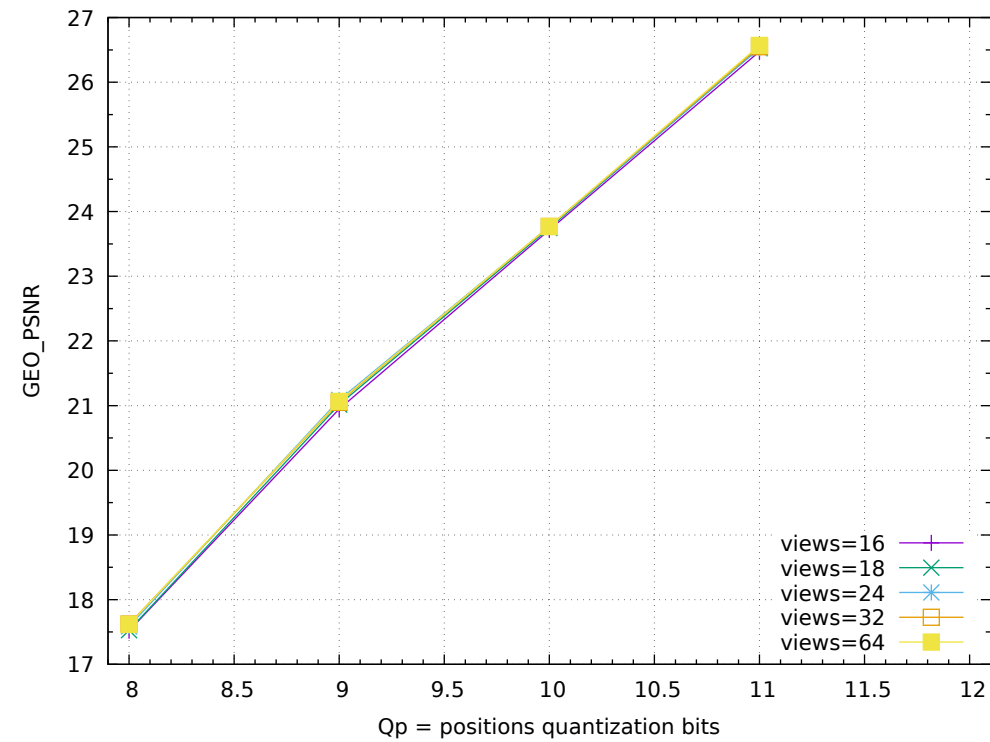


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - mitch_fr0001

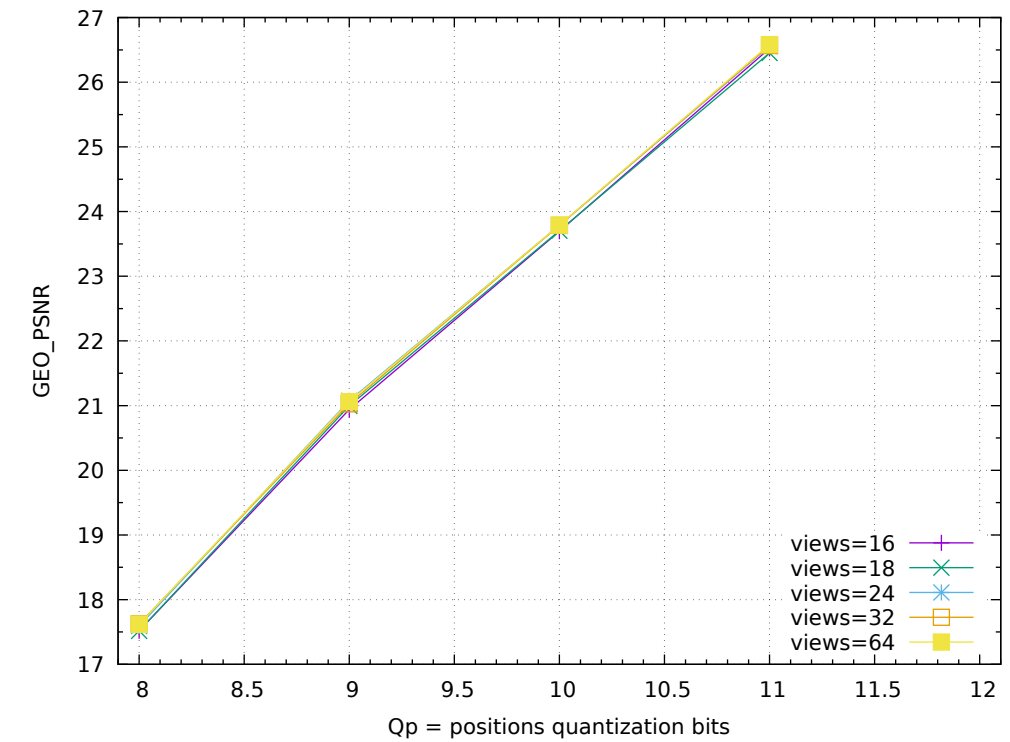
sw_raster res=512



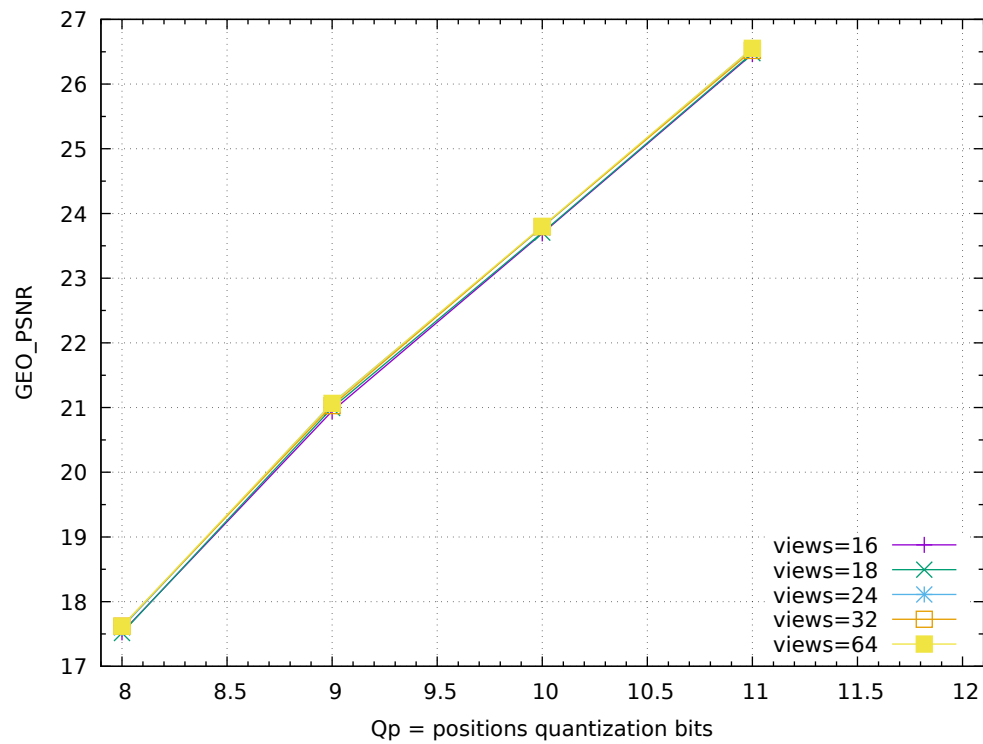
sw_raster res=1024



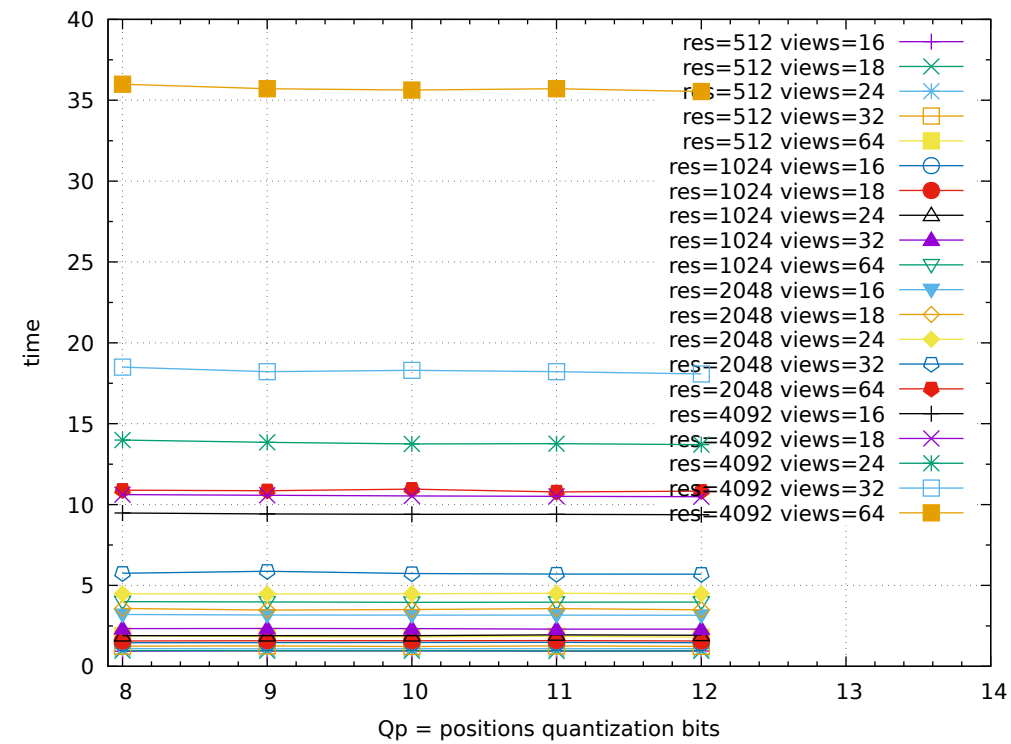
sw_raster res=2048



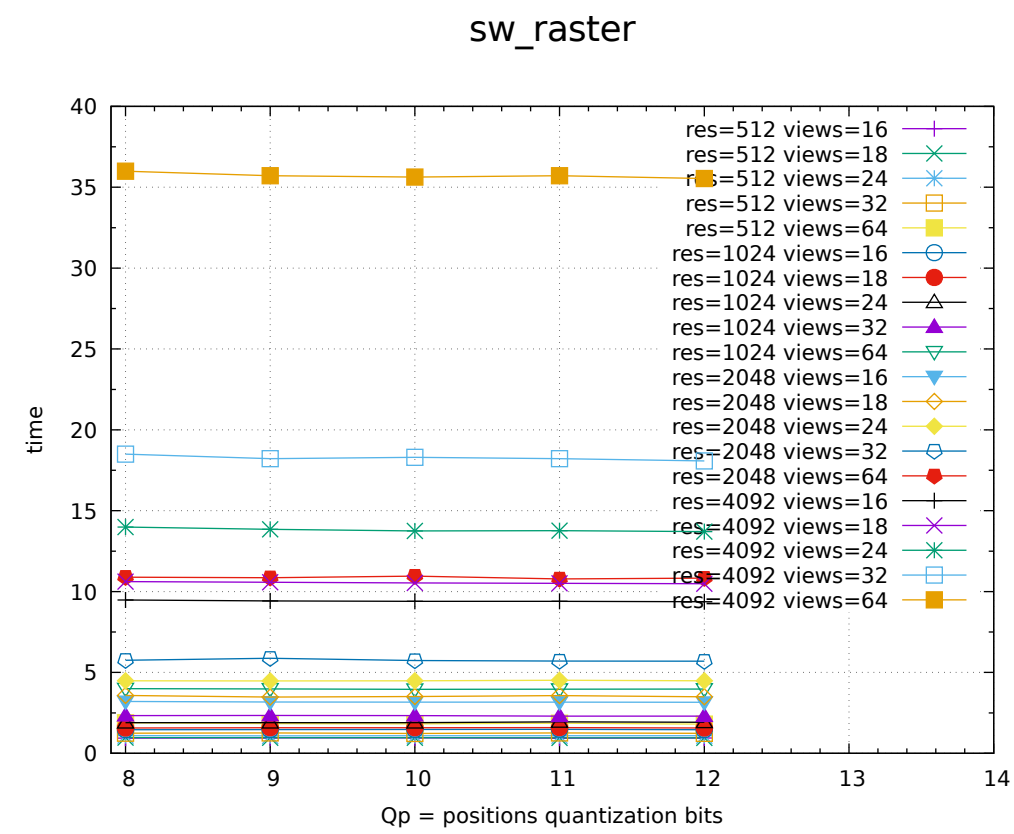
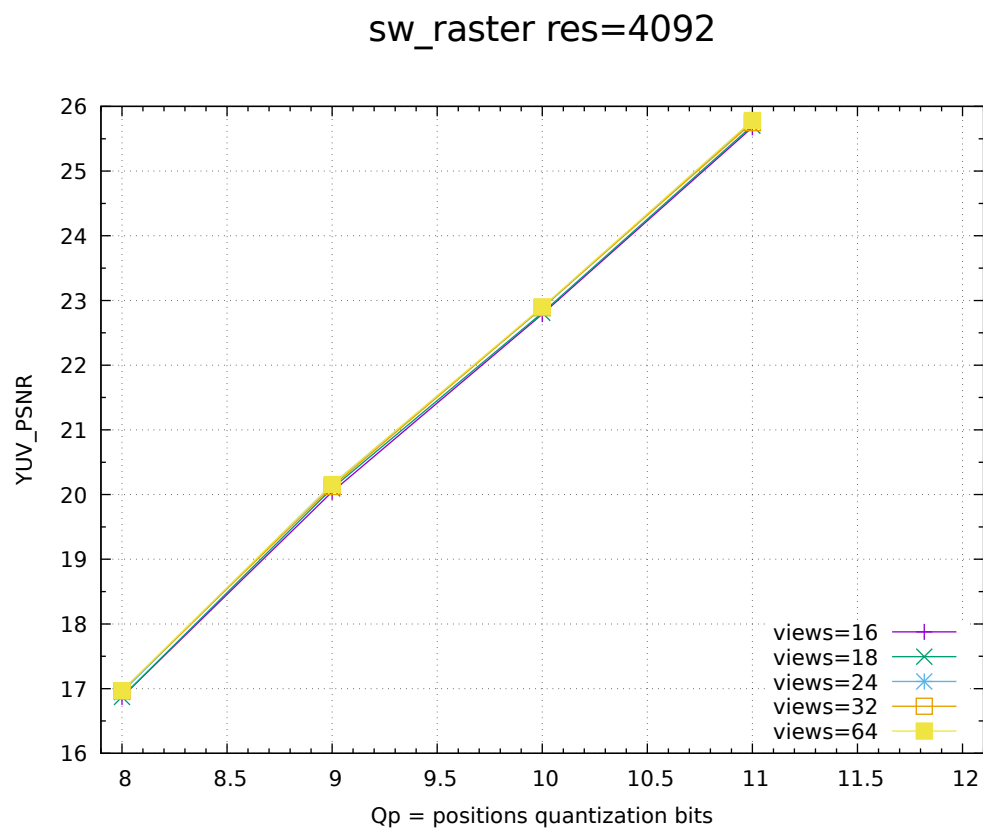
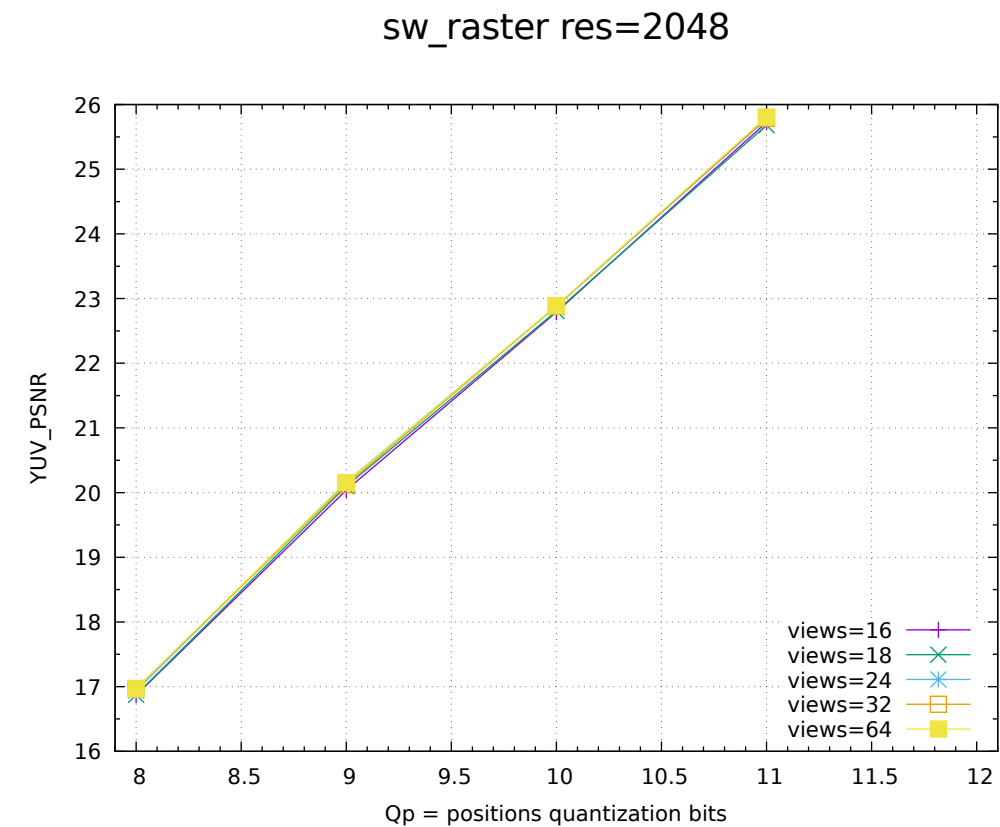
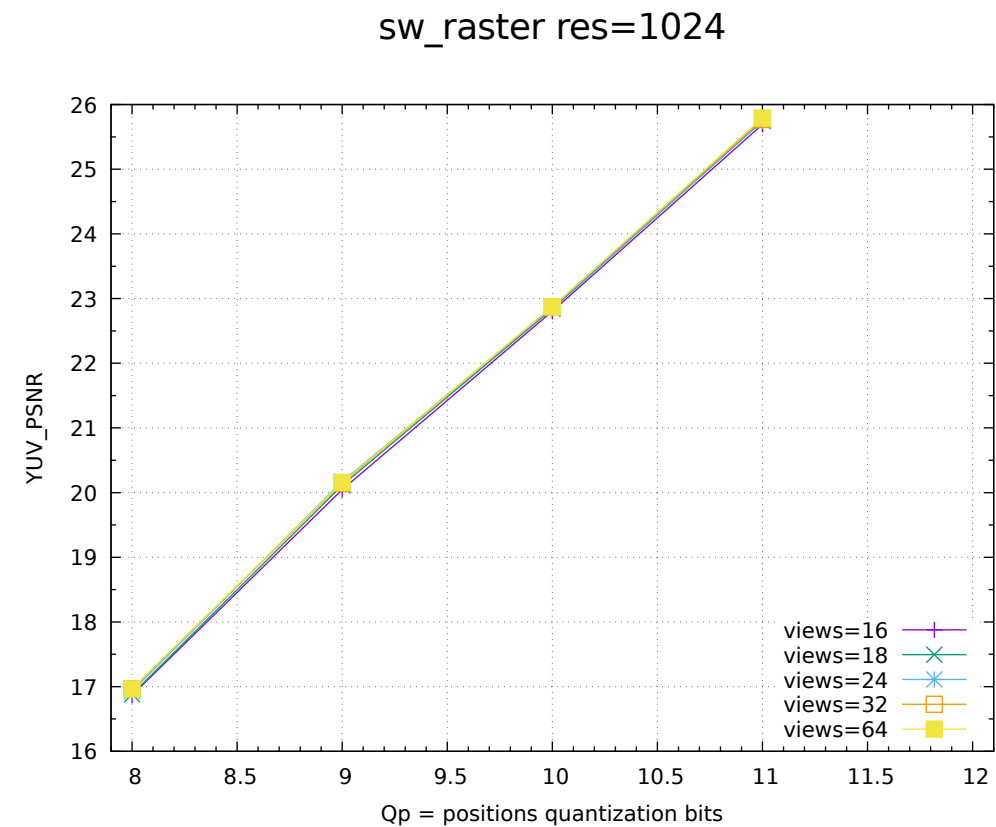
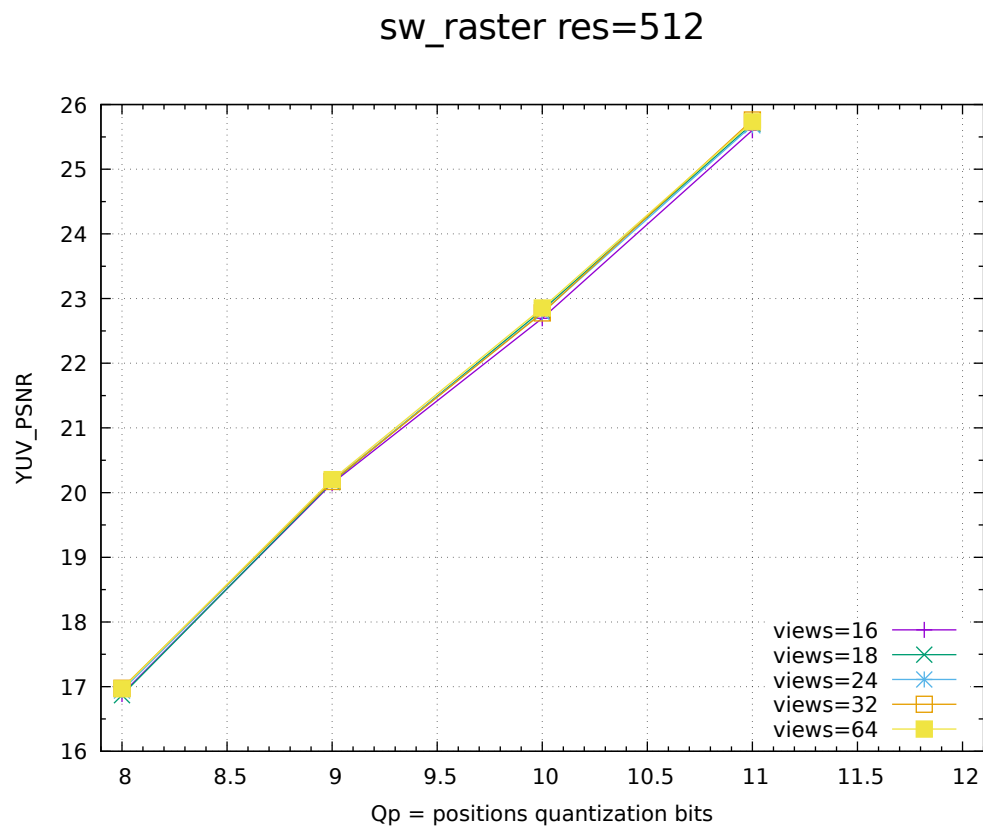
sw_raster res=4092



sw_raster

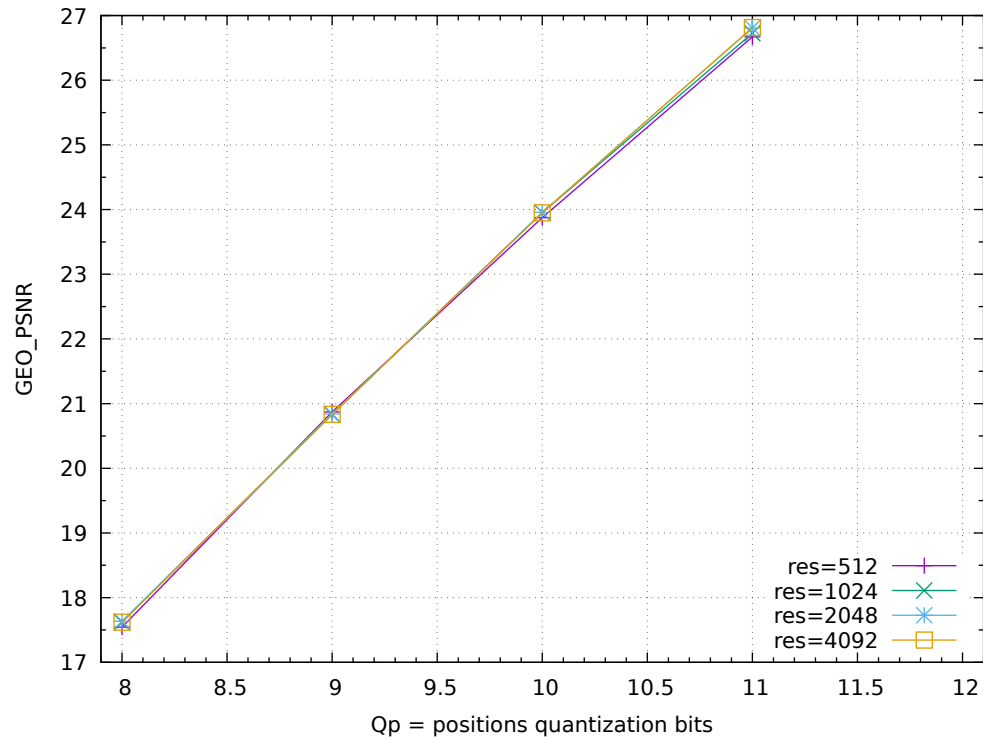


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - mitch_fr0001

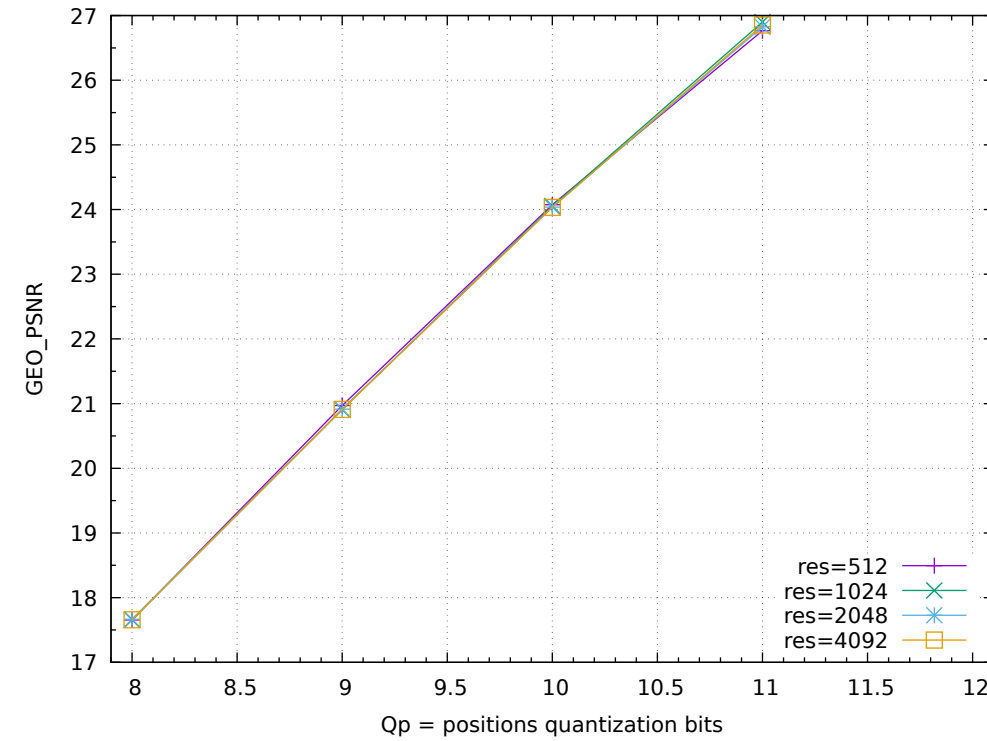


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - basketball_player_fr0001

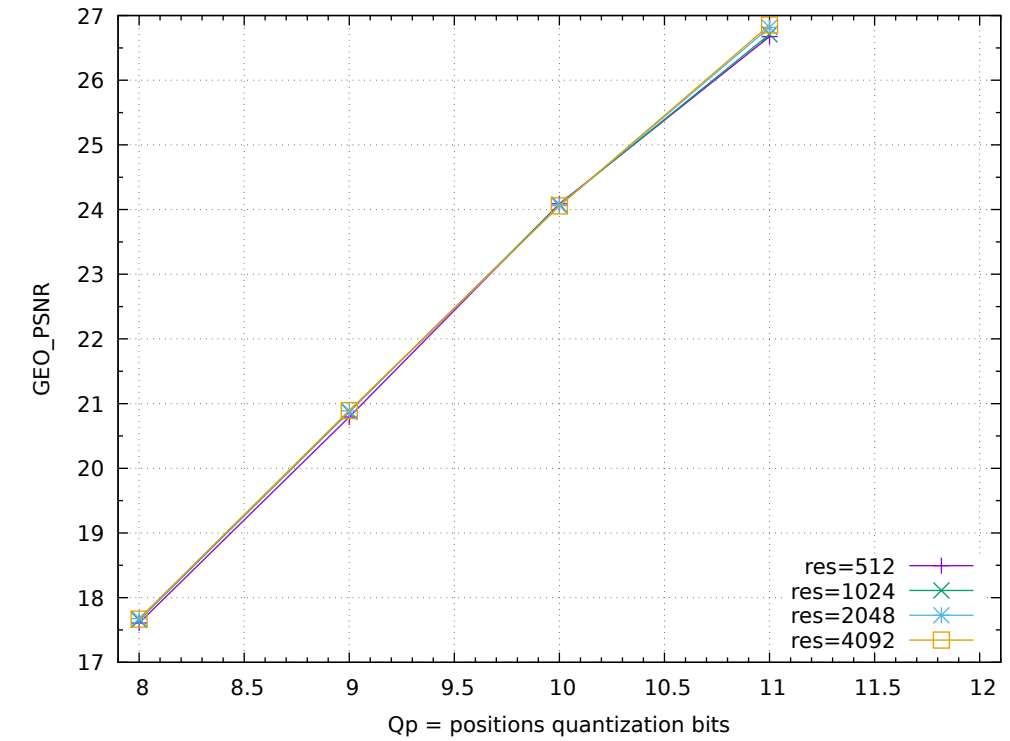
sw_raster views=16



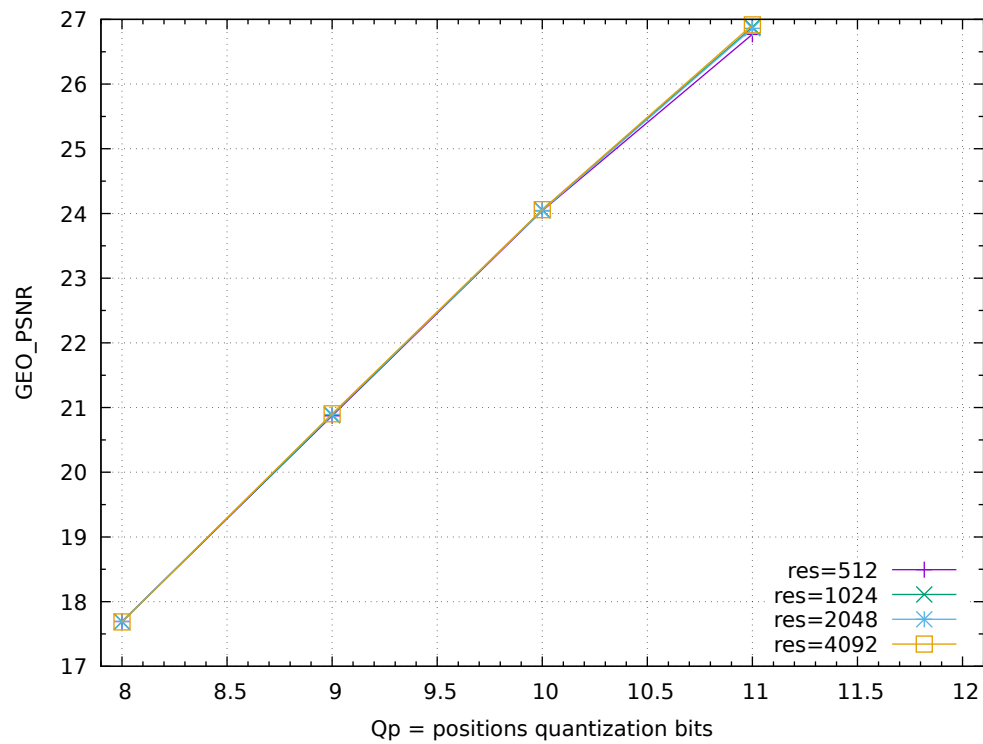
sw_raster views=18



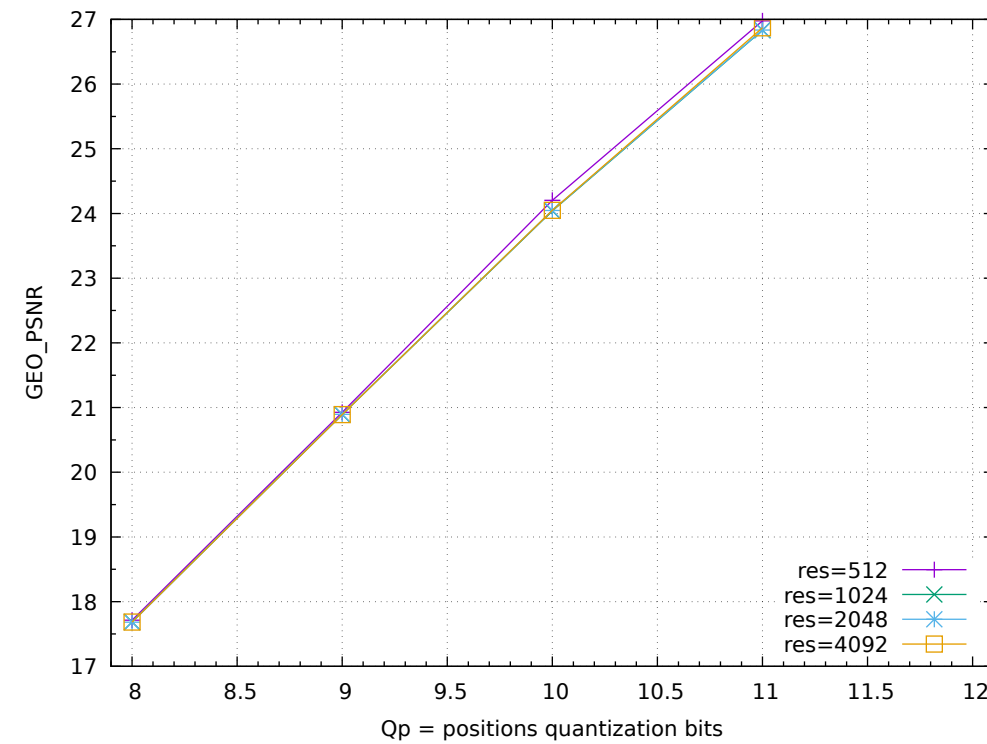
sw_raster views=24



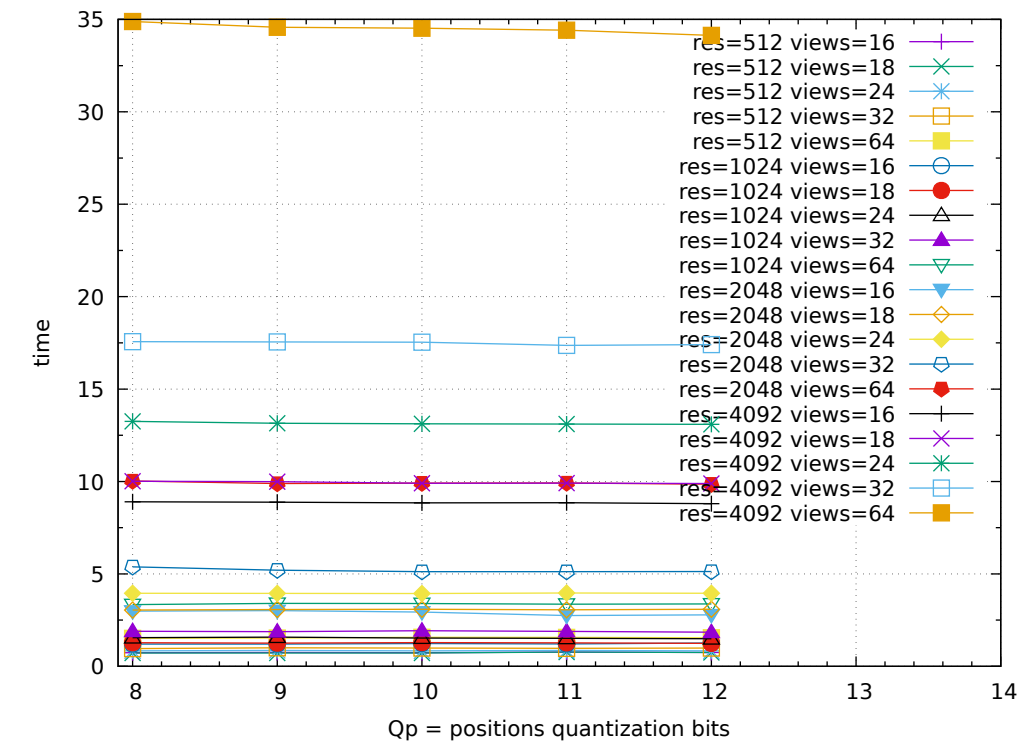
sw_raster views=32



sw_raster views=64

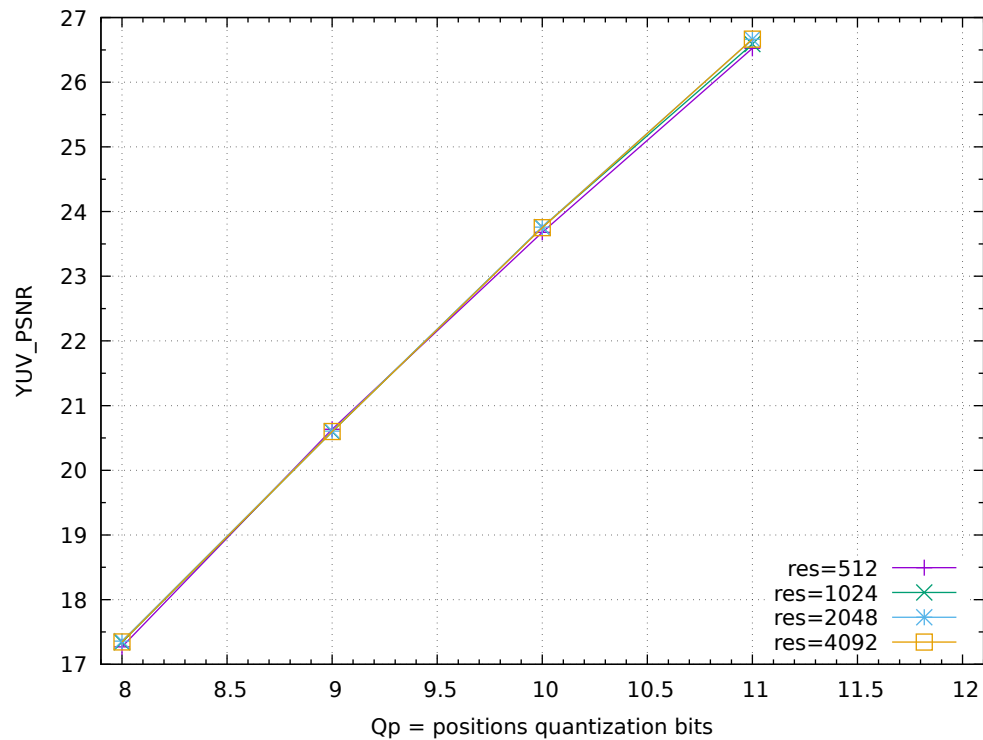


sw_raster

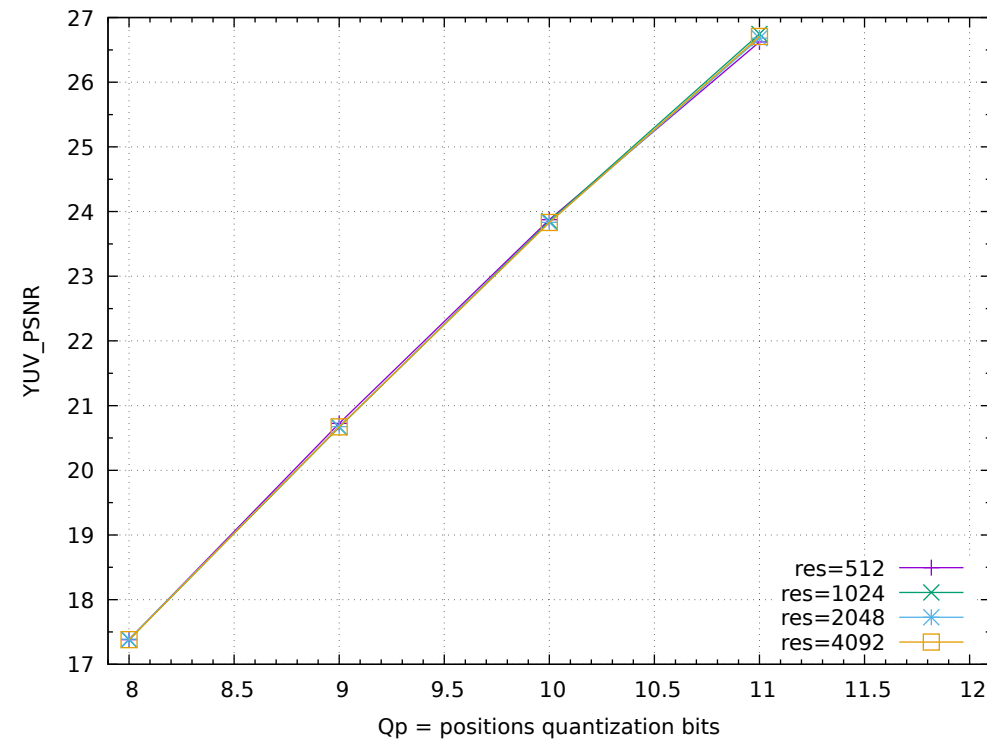


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - basketball_player_fr0001

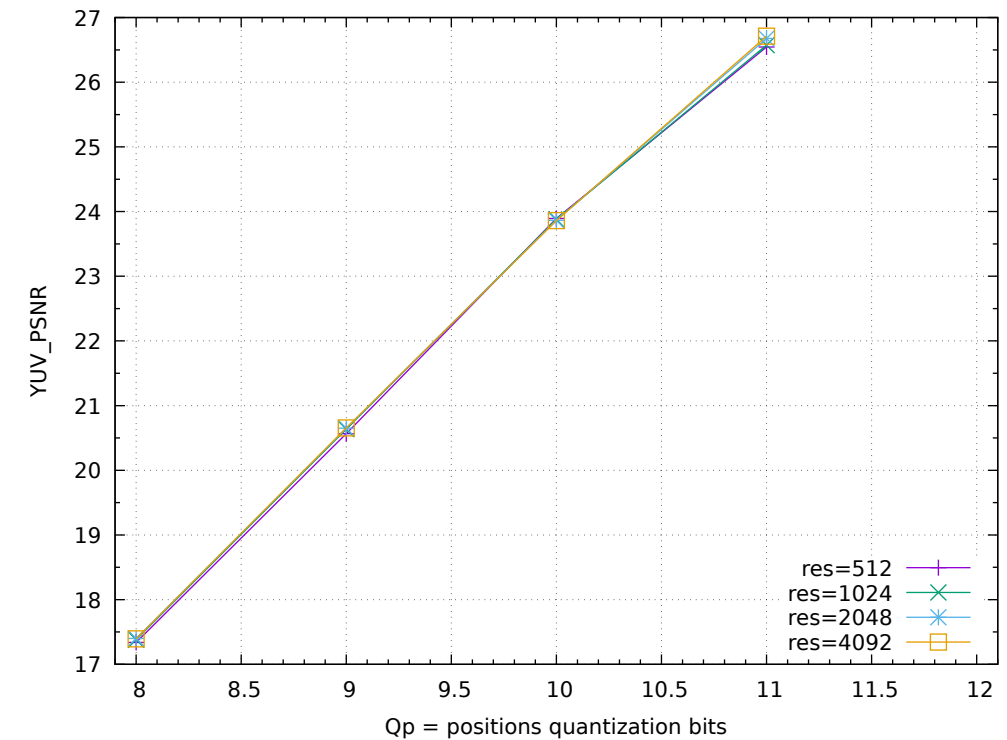
sw_raster views=16



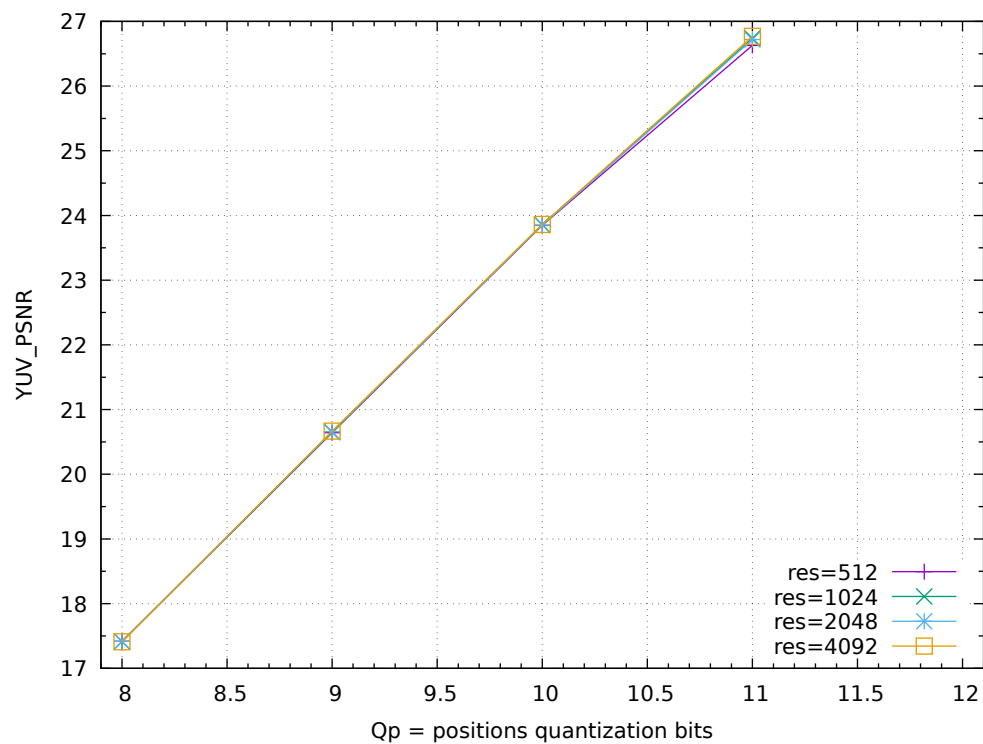
sw_raster views=18



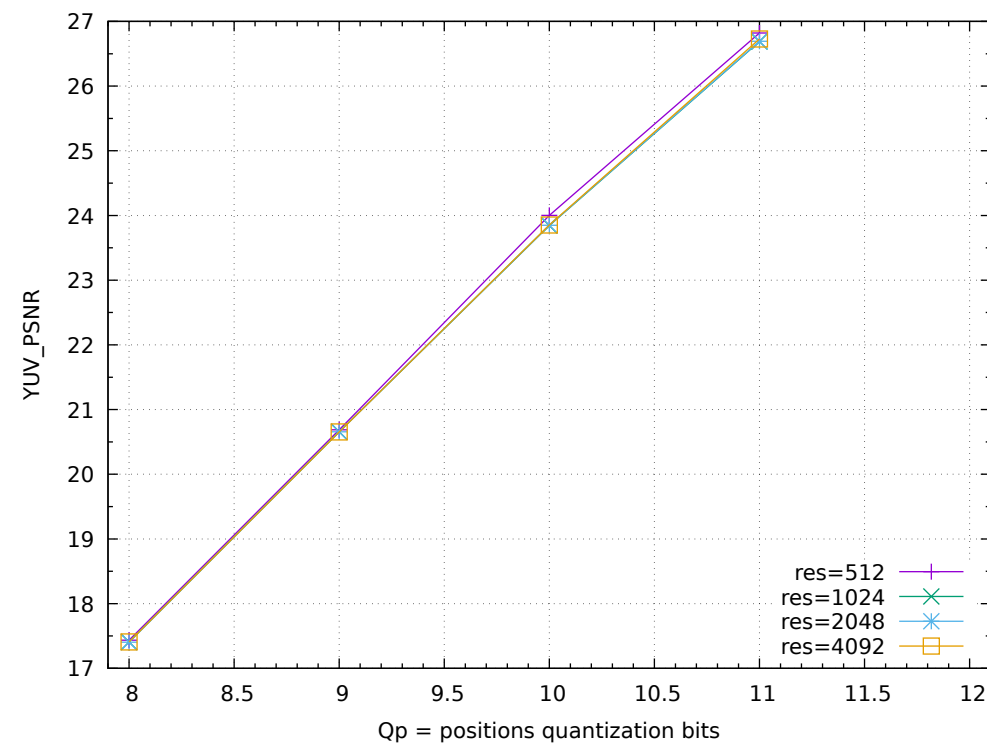
sw_raster views=24



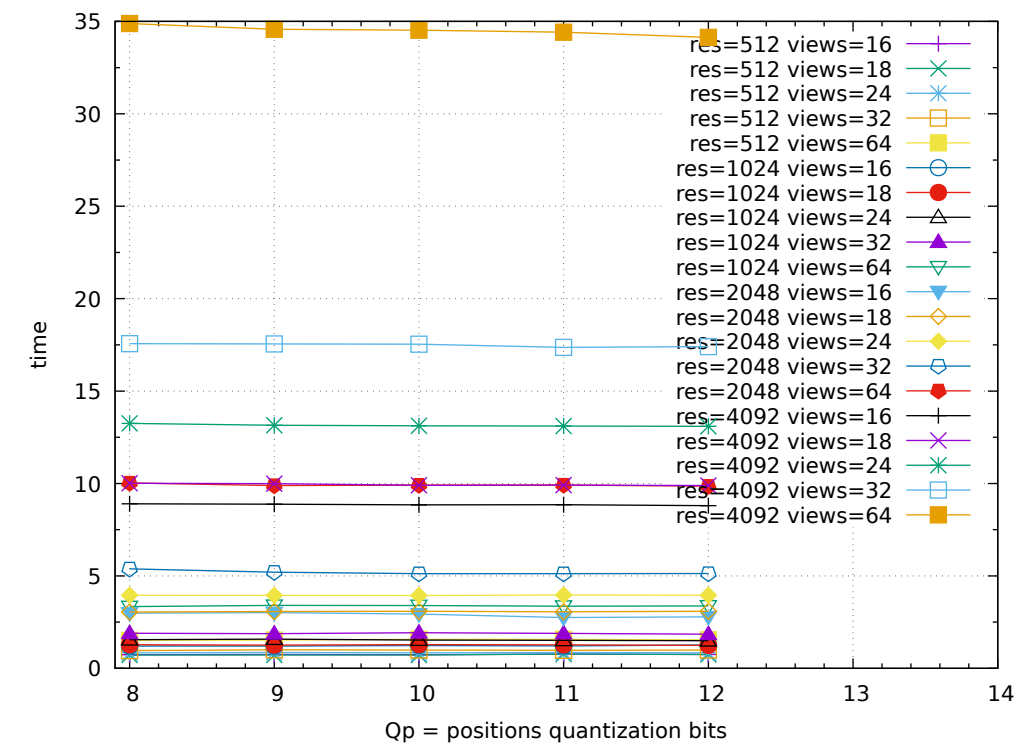
sw_raster views=32



sw_raster views=64

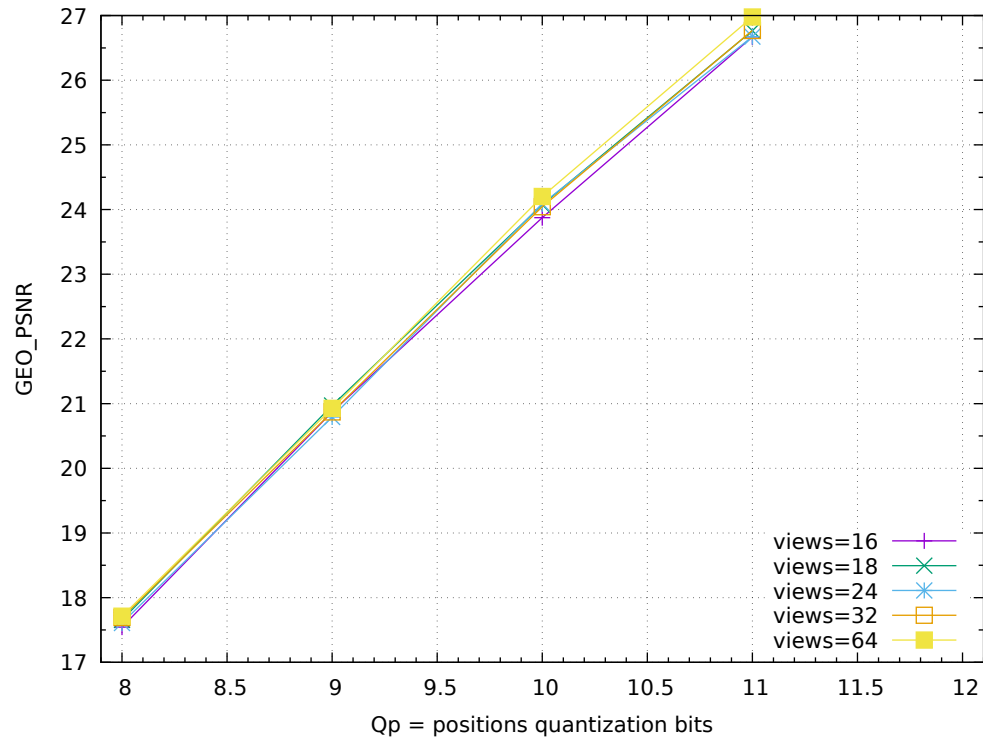


sw_raster

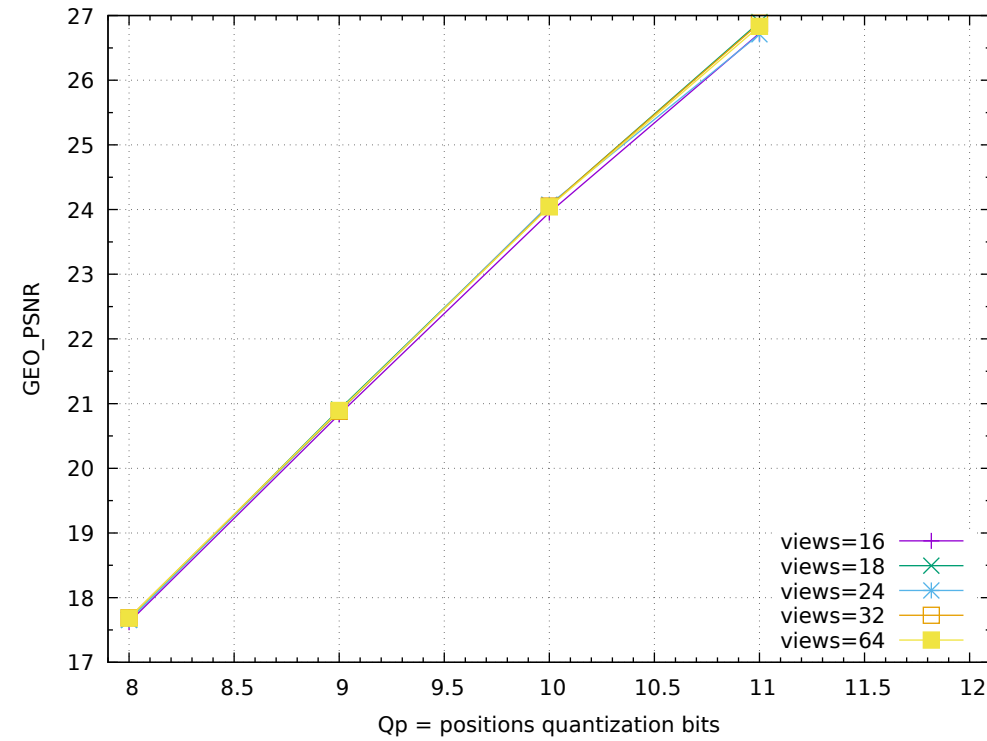


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - basketball_player_fr0001

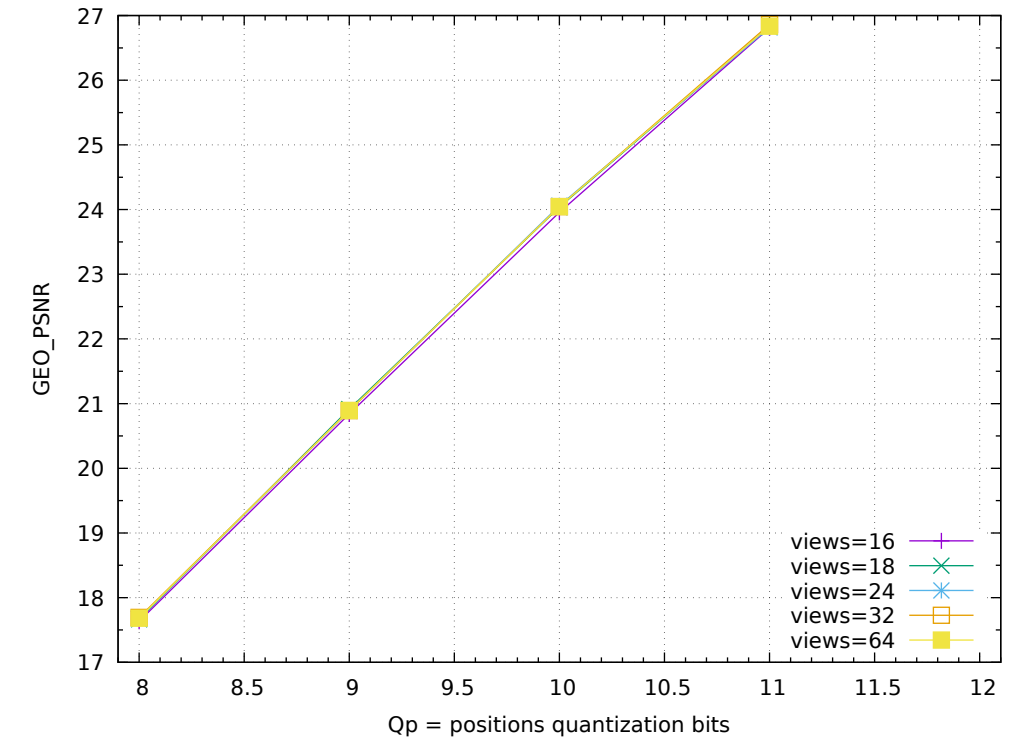
sw_raster res=512



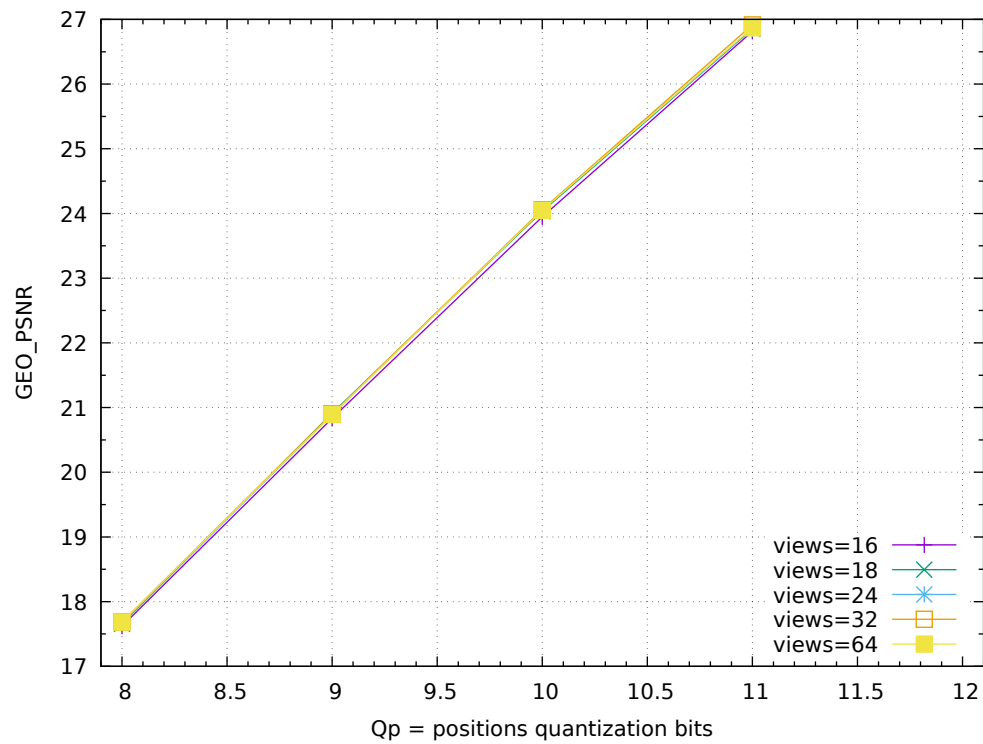
sw_raster res=1024



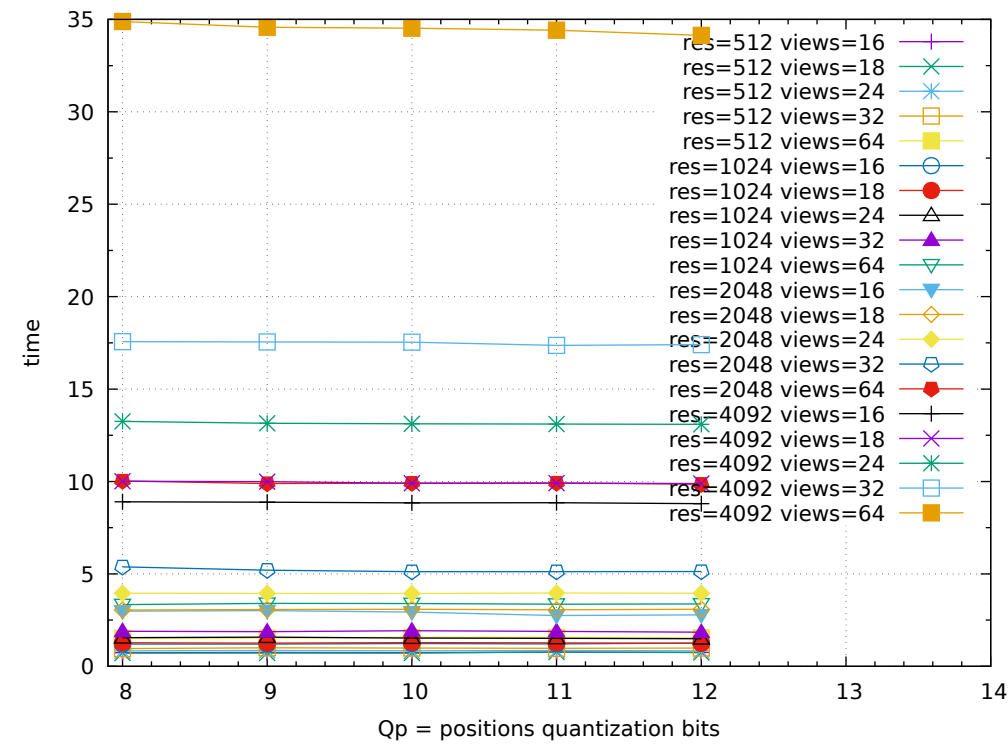
sw_raster res=2048



sw_raster res=4092

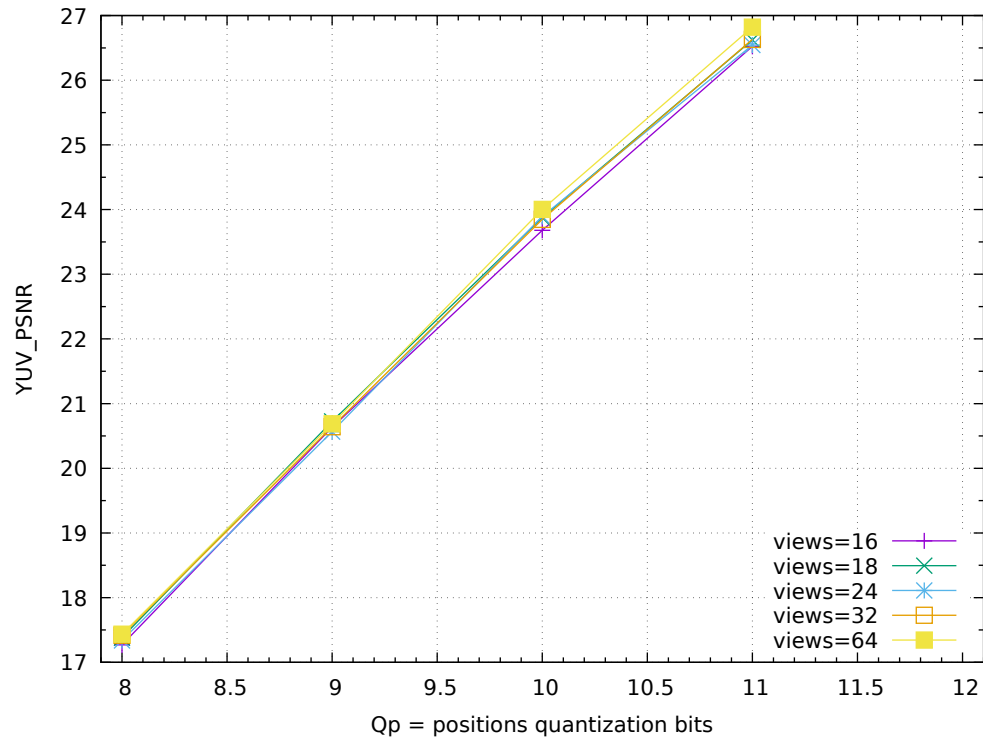


sw_raster

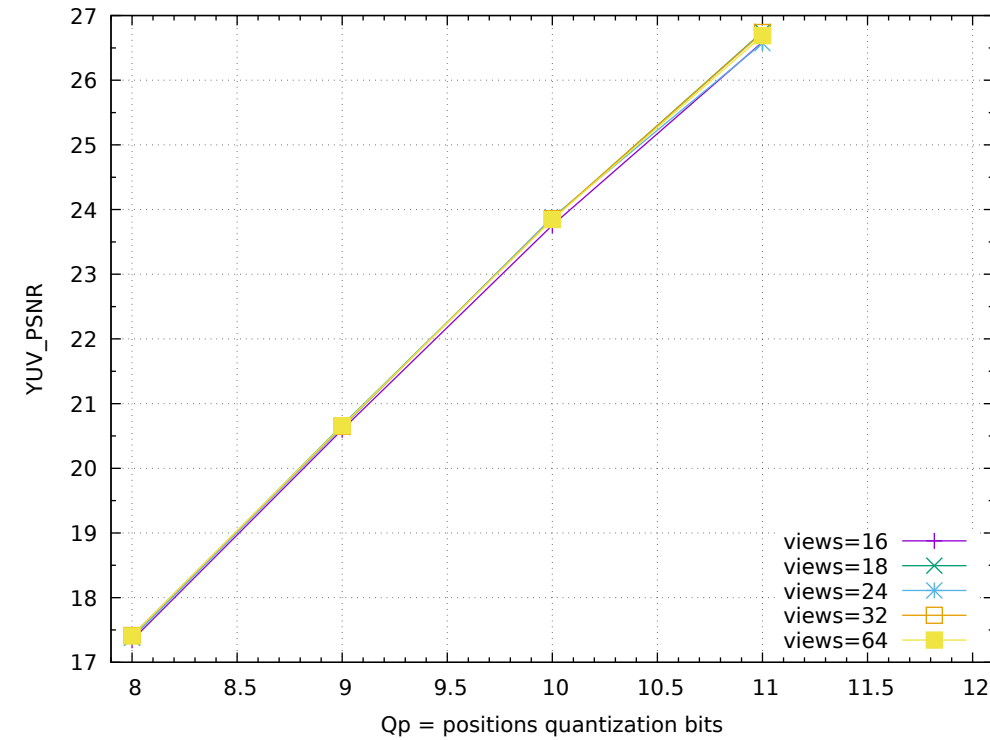


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - basketball_player_fr0001

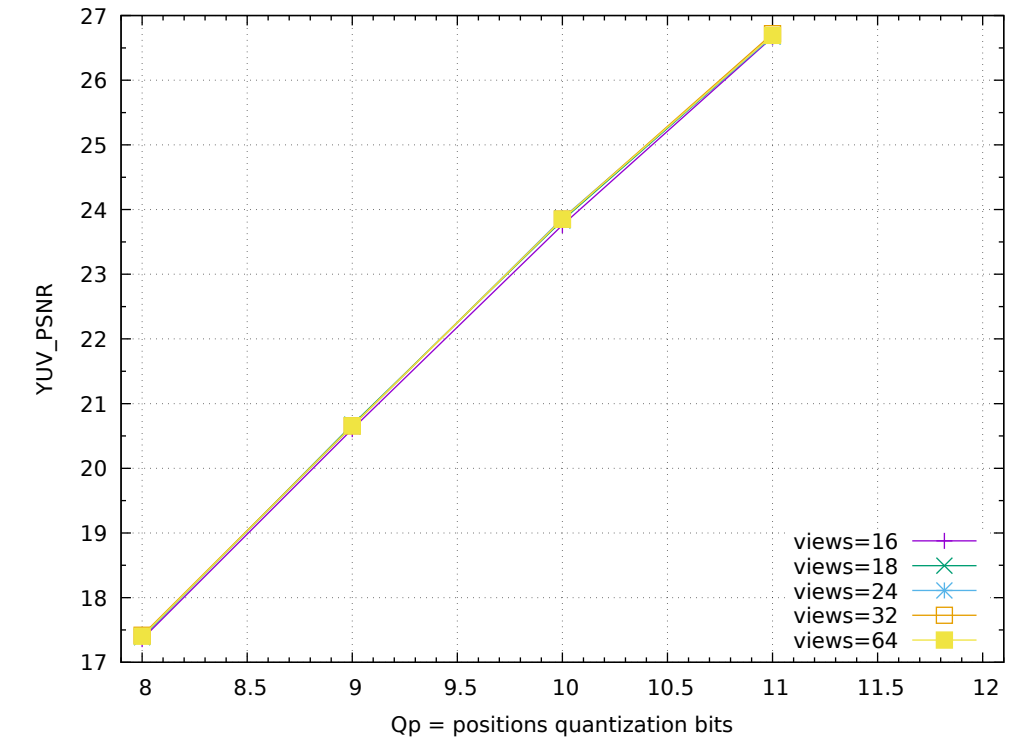
sw_raster res=512



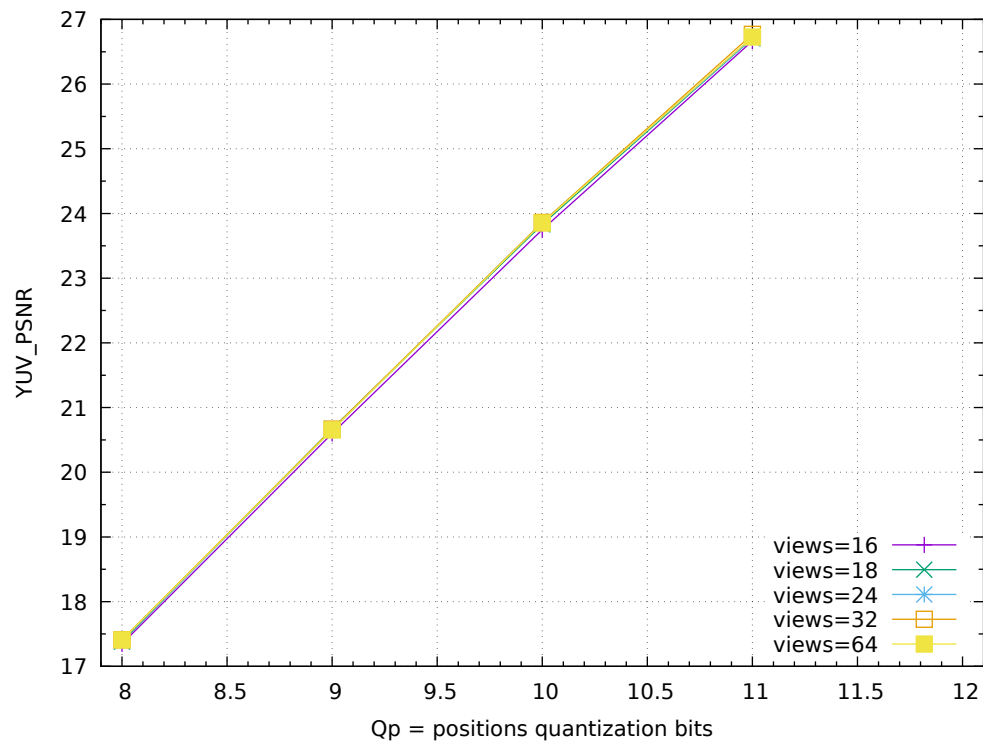
sw_raster res=1024



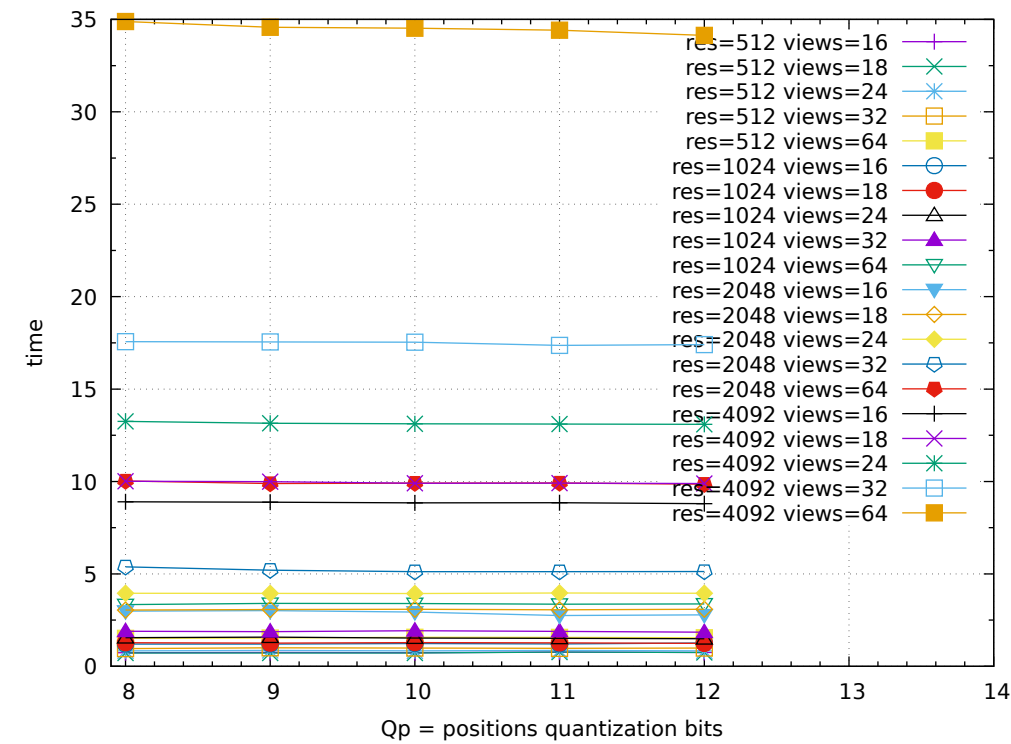
sw_raster res=2048



sw_raster res=4092

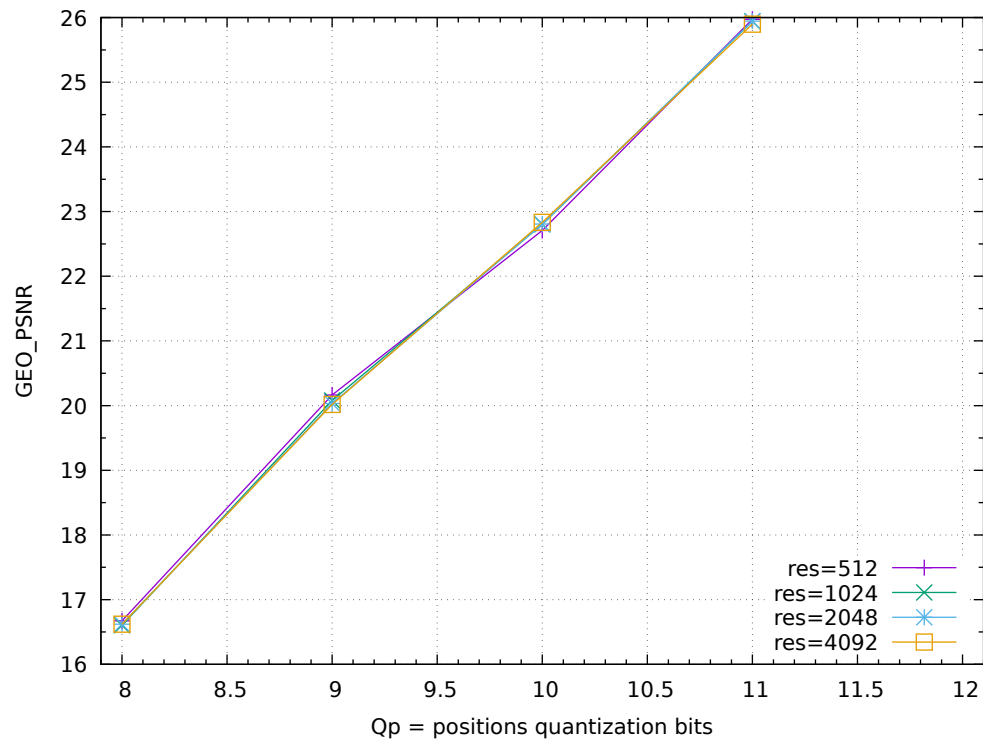


sw_raster

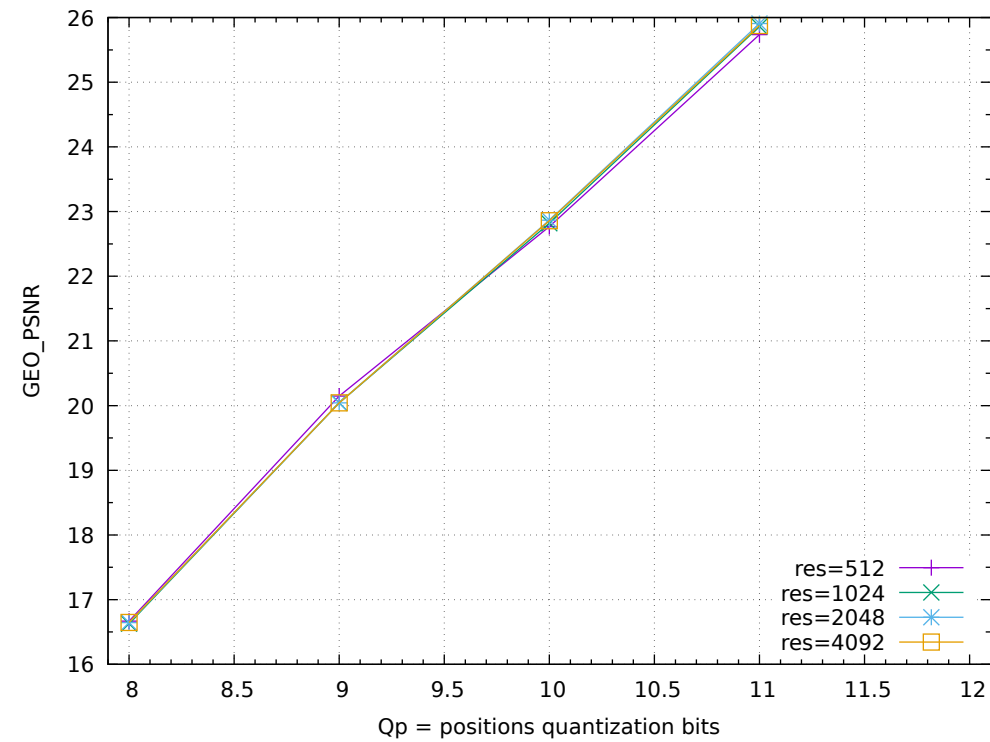


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - dancer_fr0001

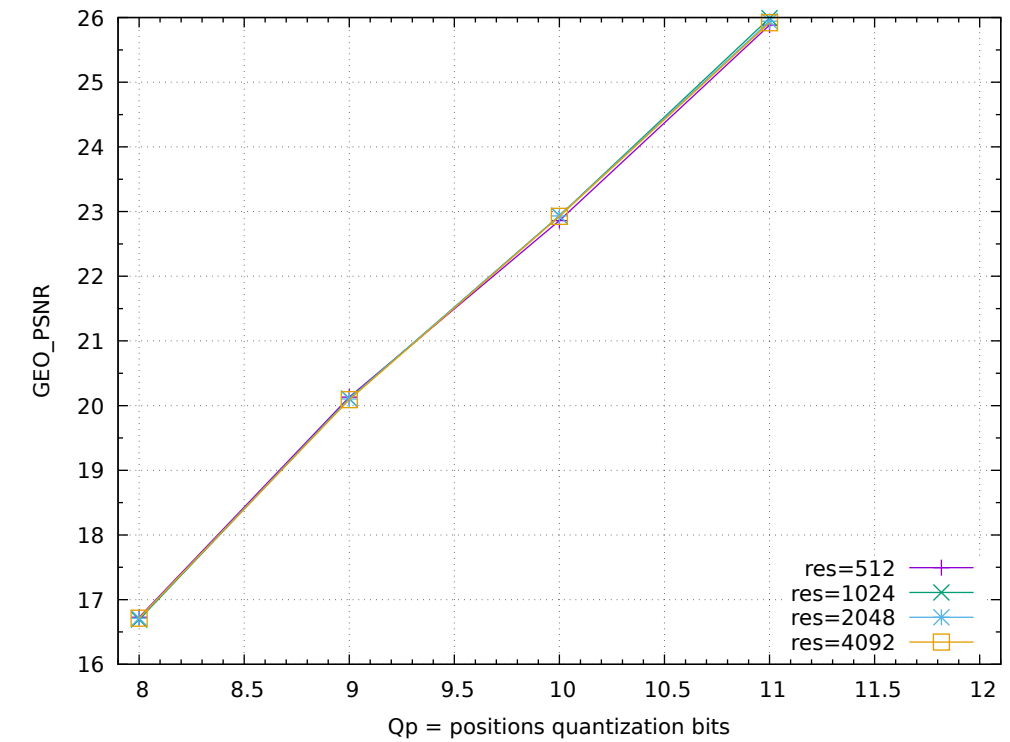
sw_raster views=16



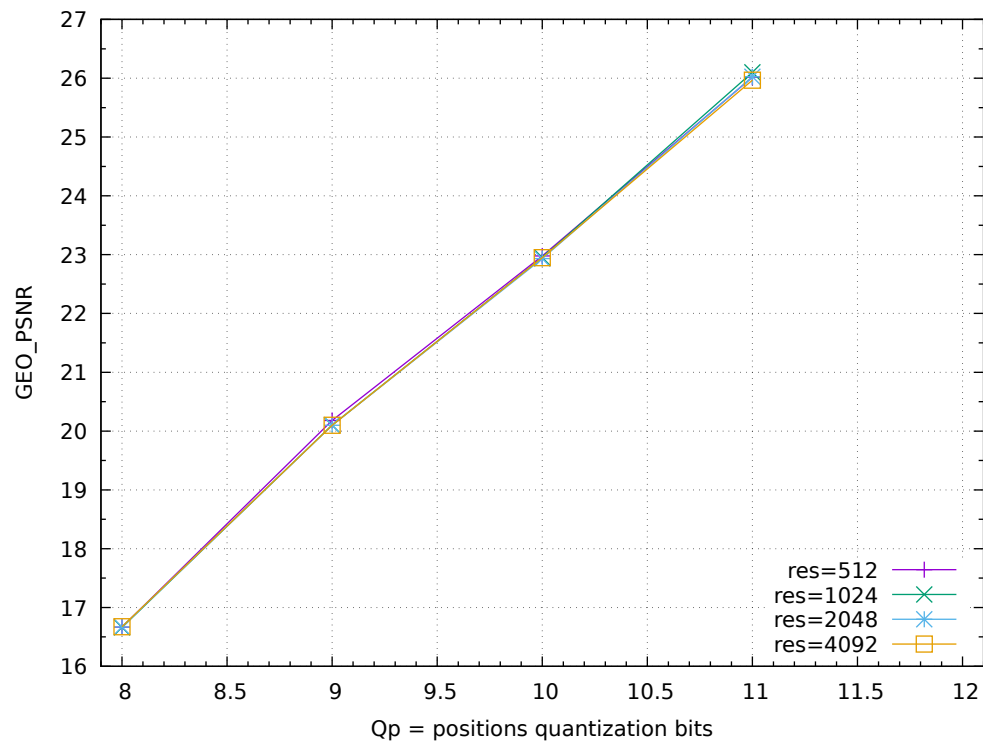
sw_raster views=18



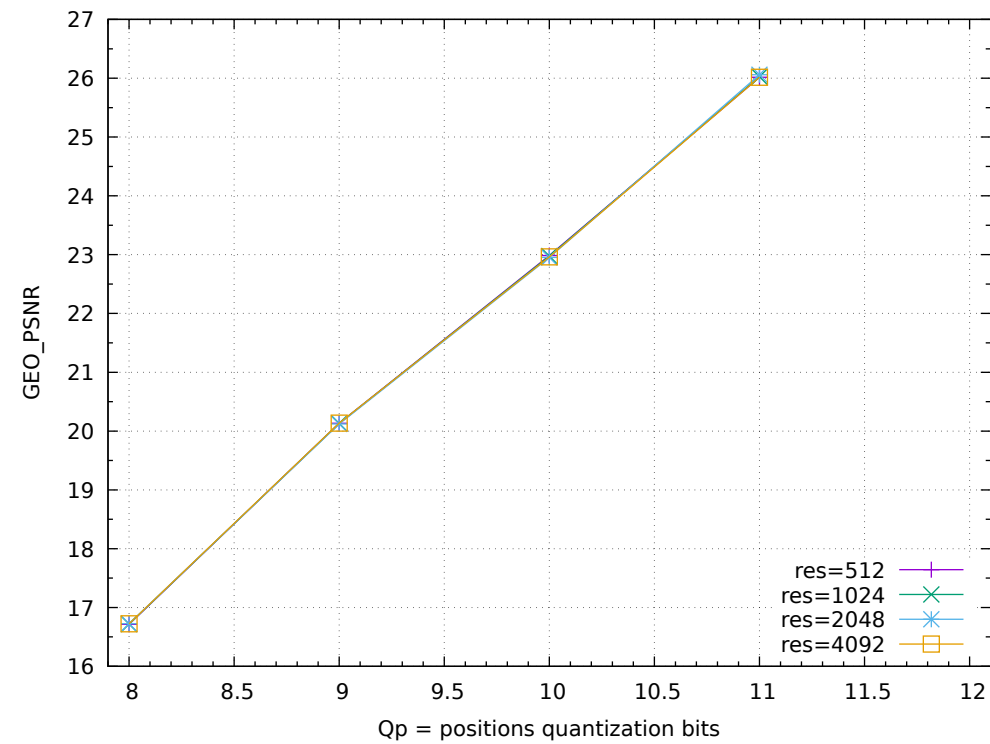
sw_raster views=24



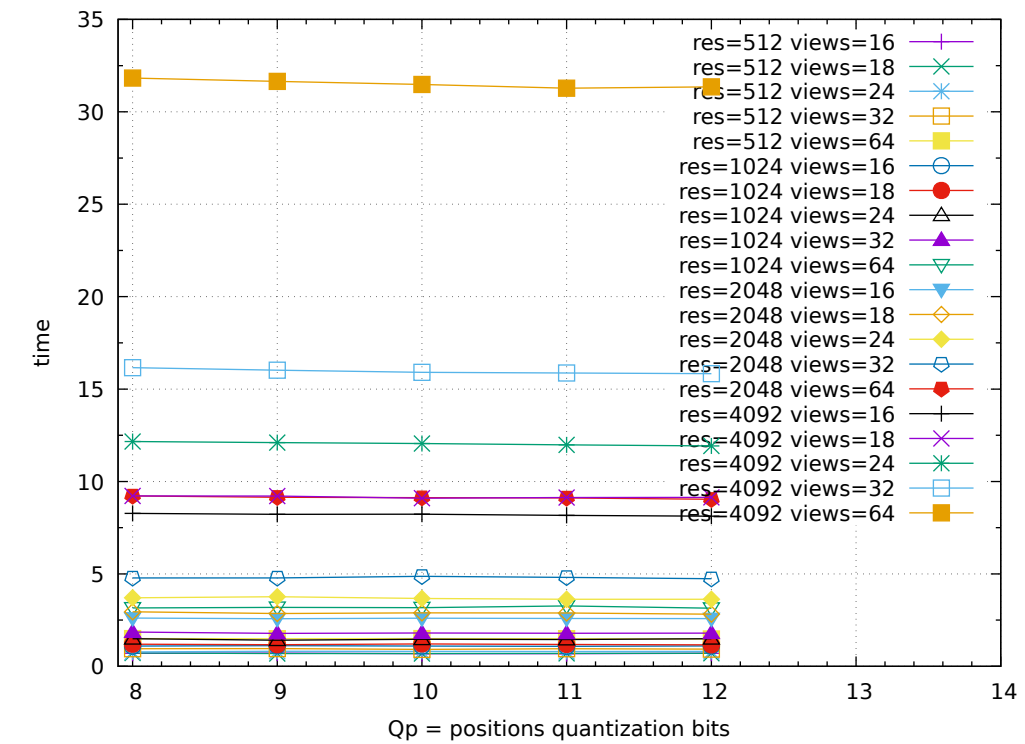
sw_raster views=32



sw_raster views=64

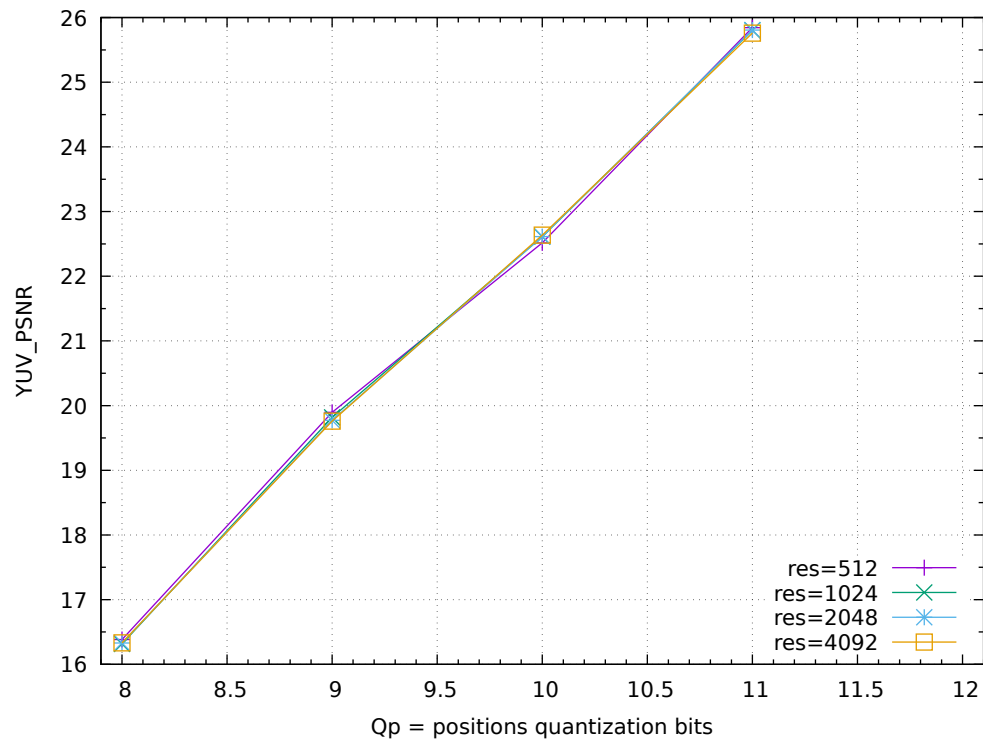


sw_raster

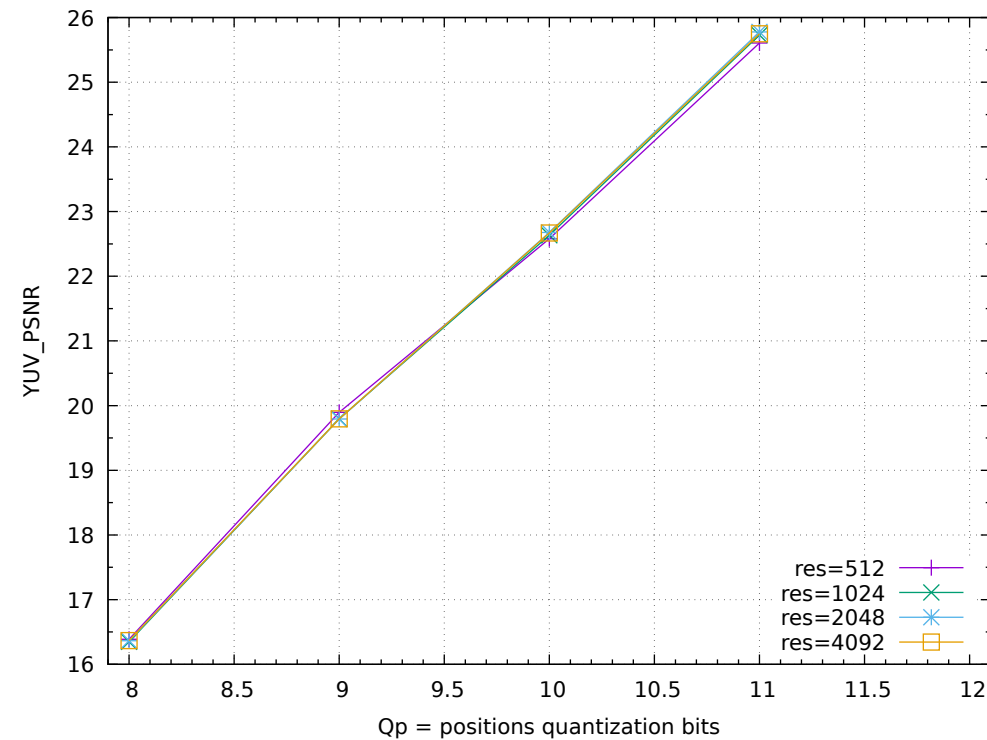


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - dancer fr0001

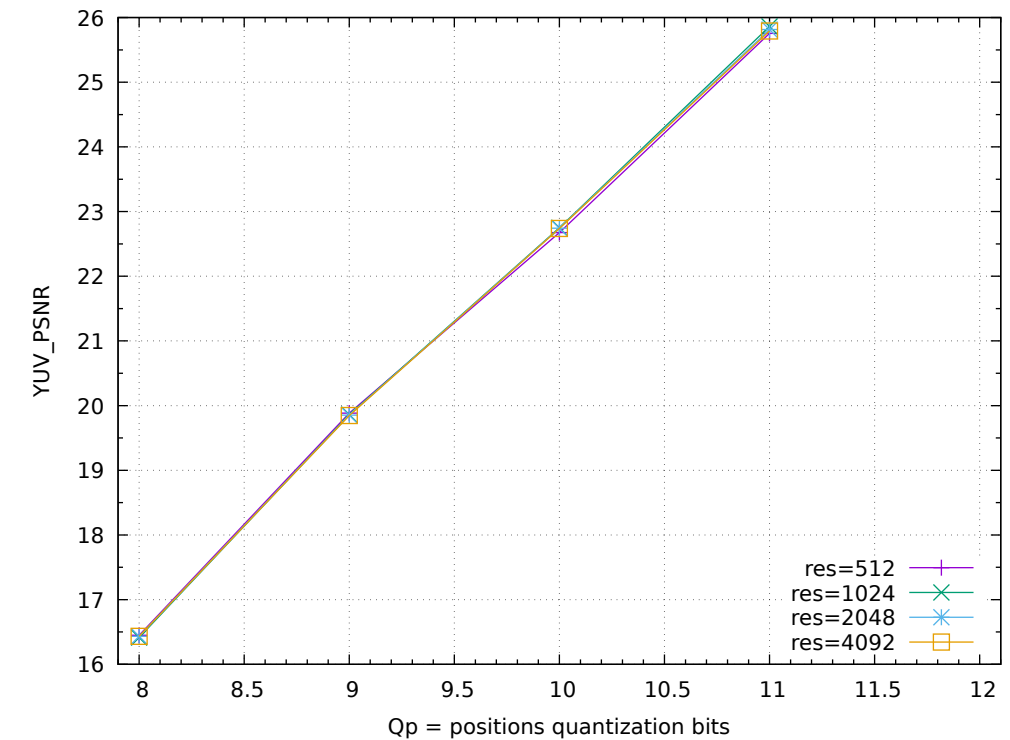
sw_raster views=16



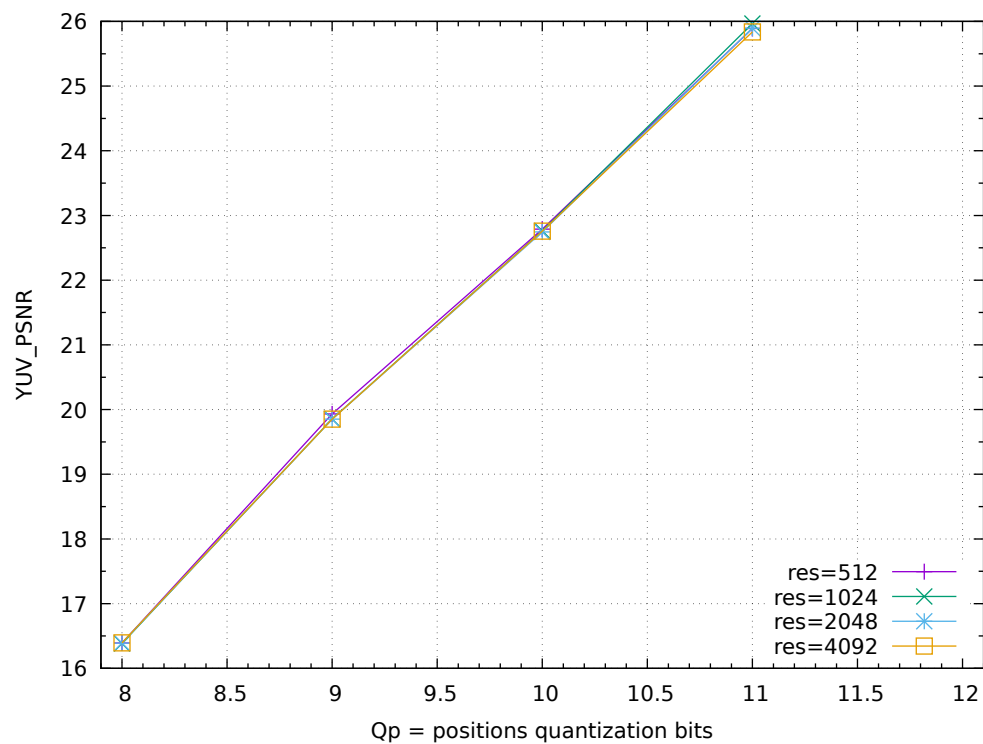
sw_raster views=18



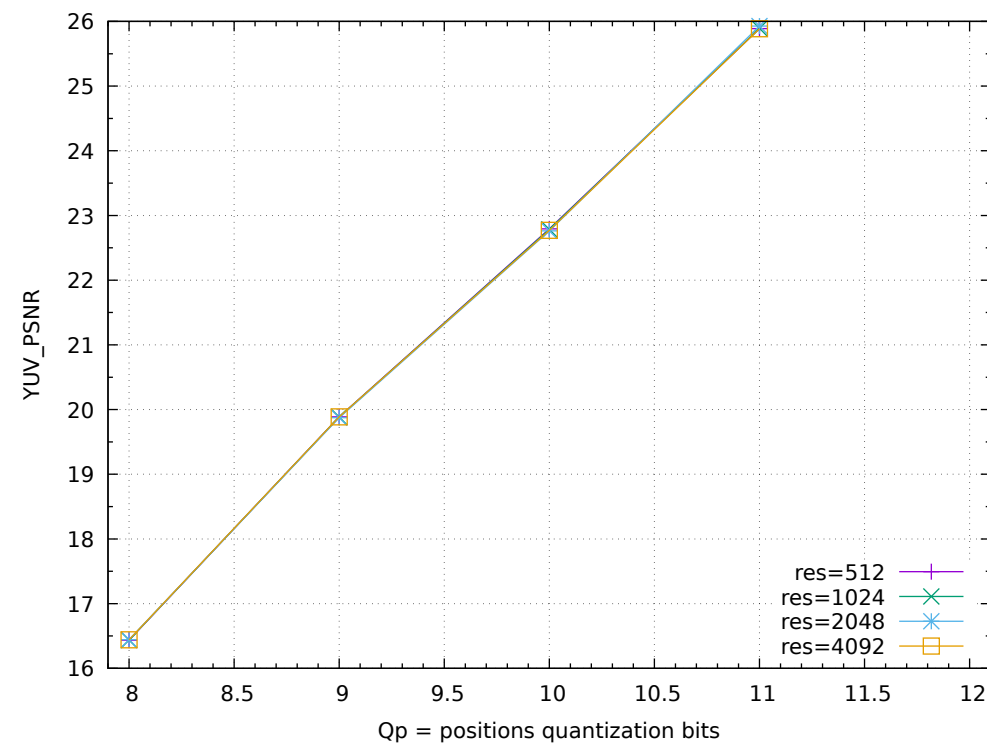
sw_raster views=24



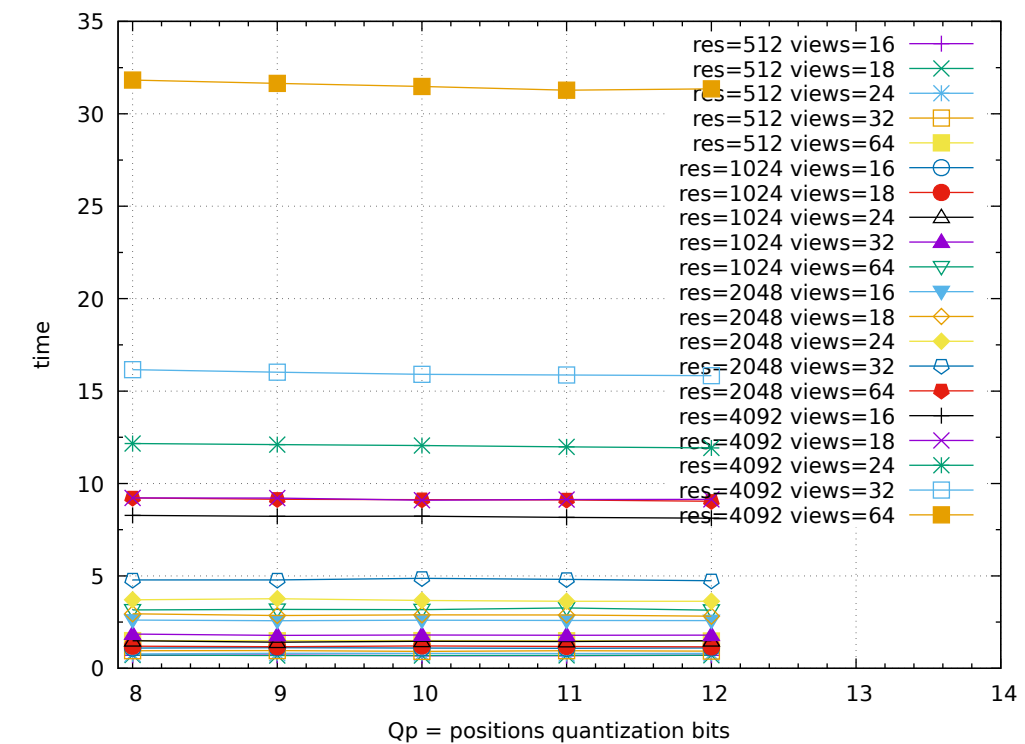
sw_raster views=32



sw_raster views=64

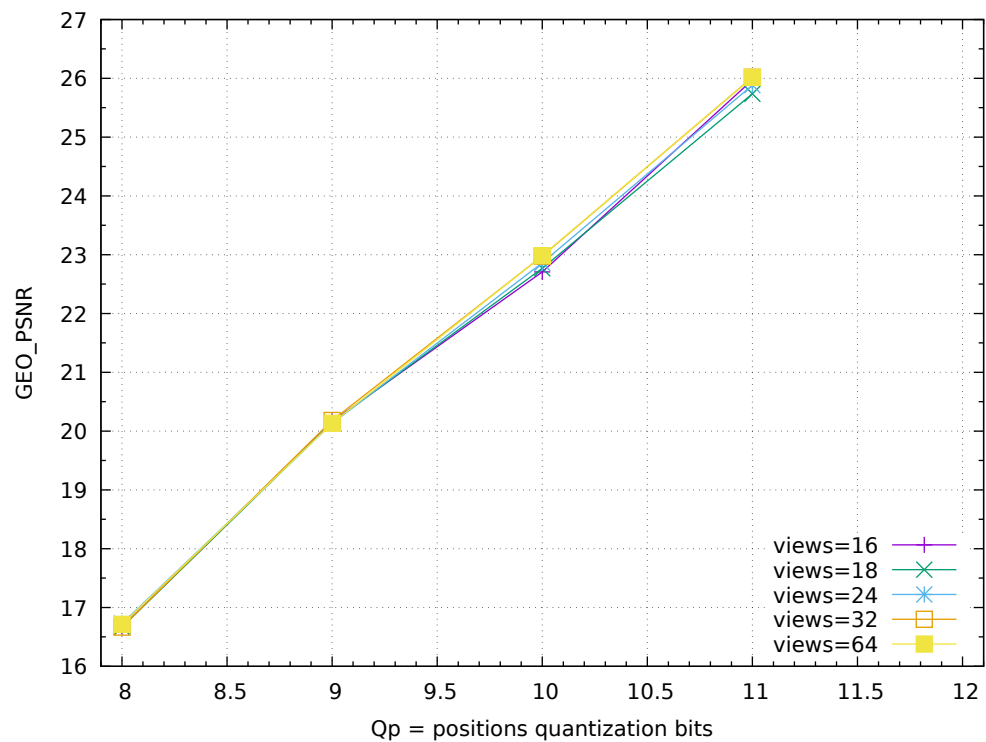


sw_raster

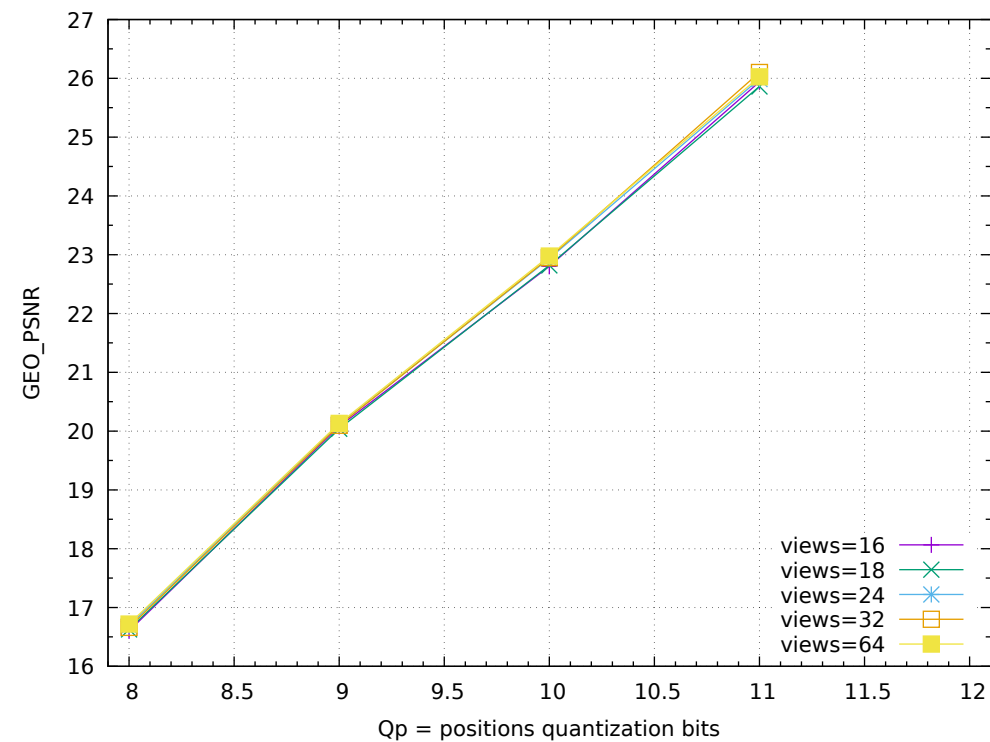


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - dancer_fr0001

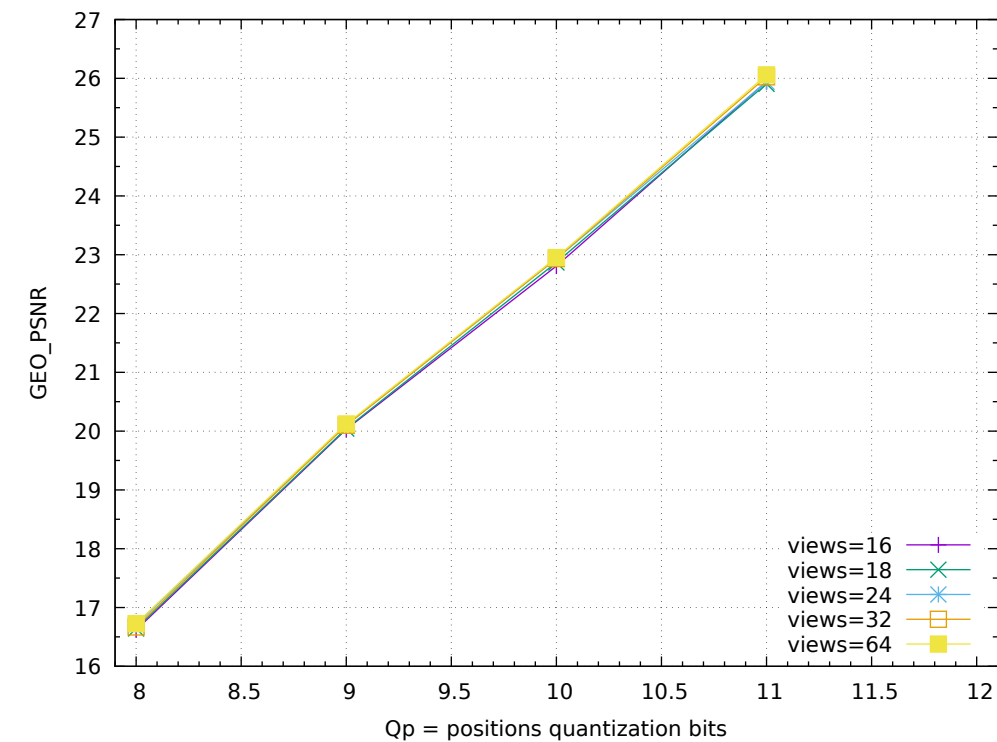
sw_raster res=512



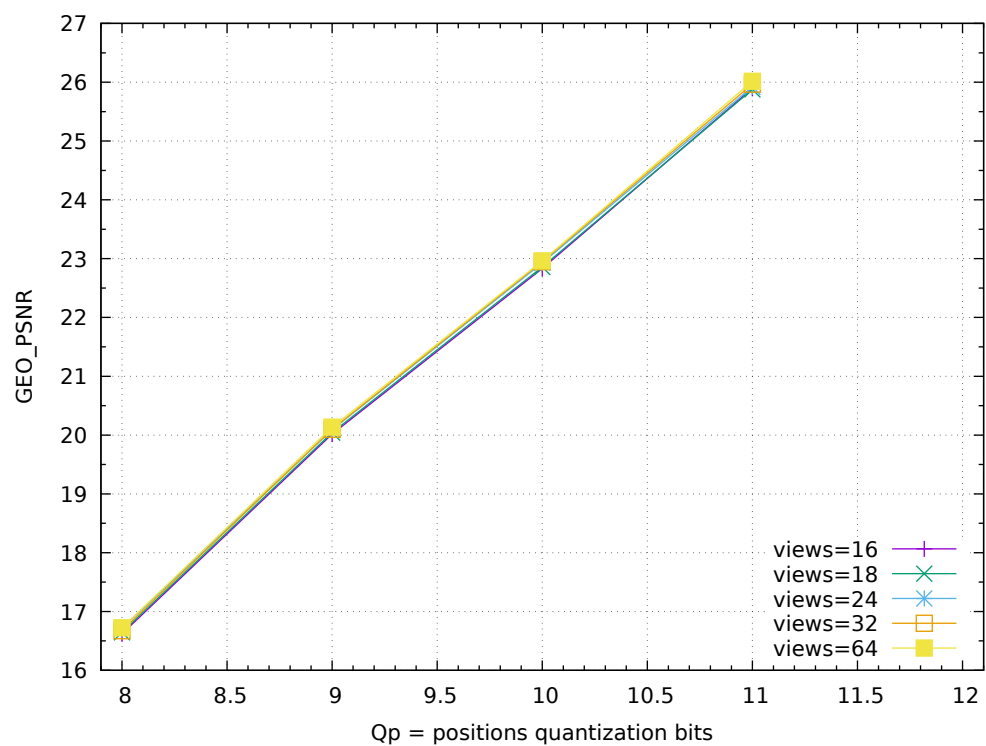
sw_raster res=1024



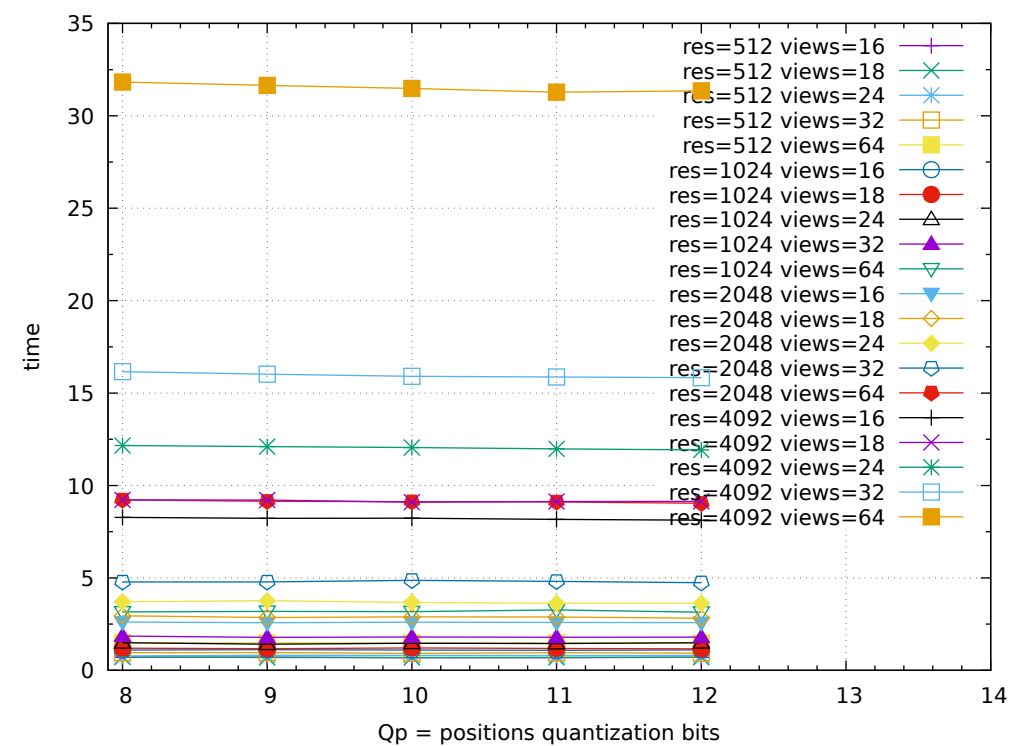
sw_raster res=2048



sw_raster res=4092

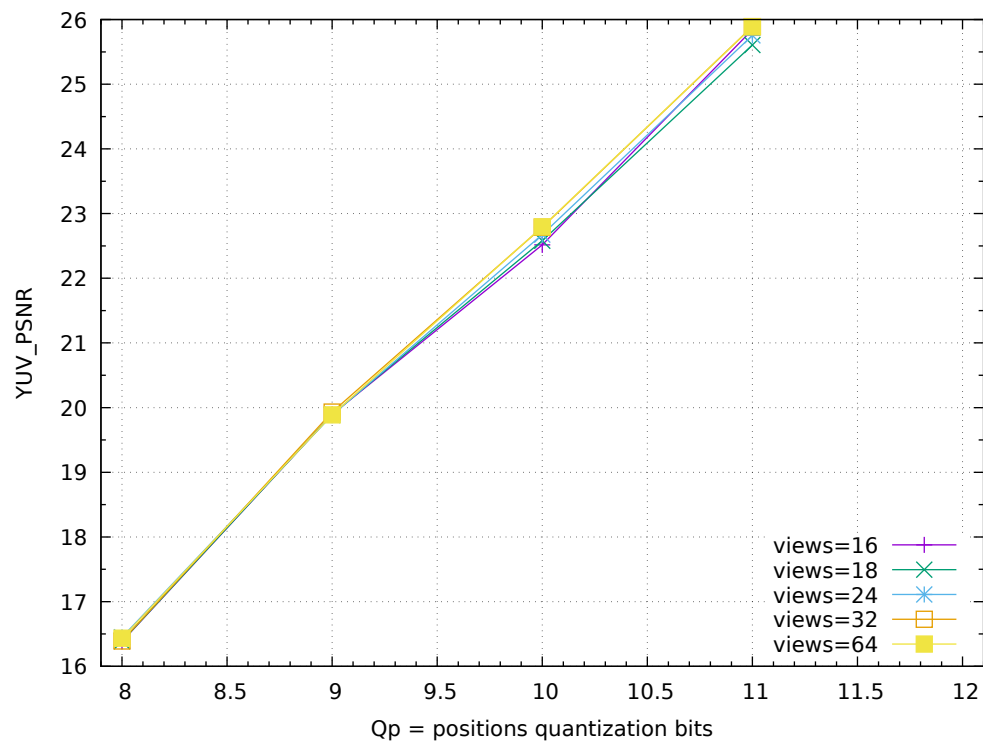


sw_raster

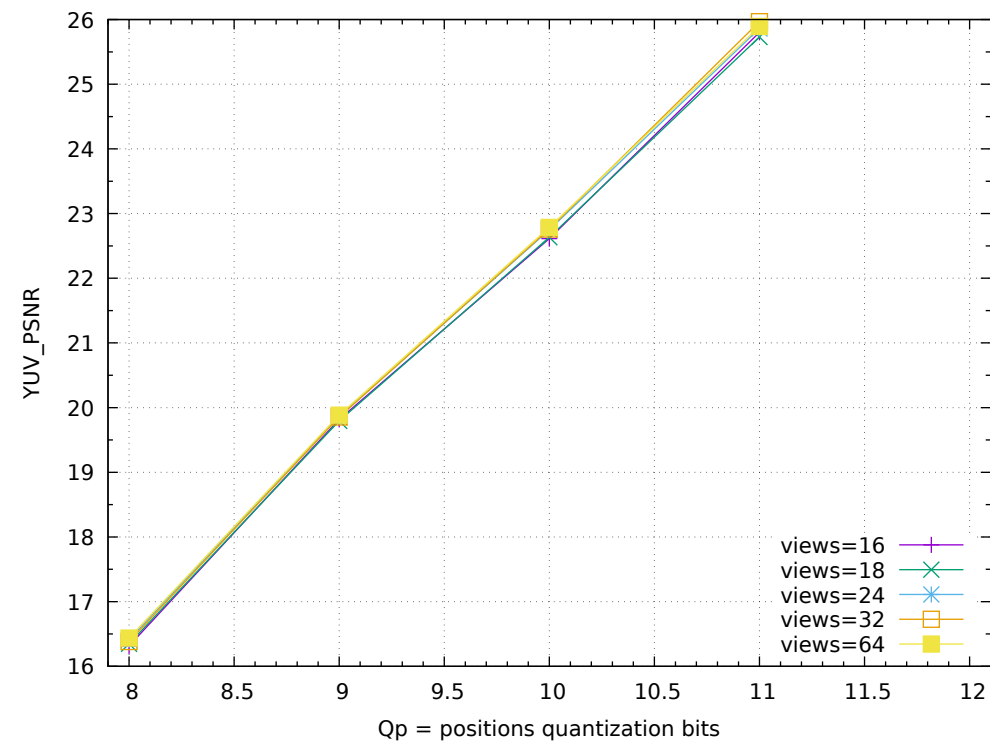


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - dancer_fr0001

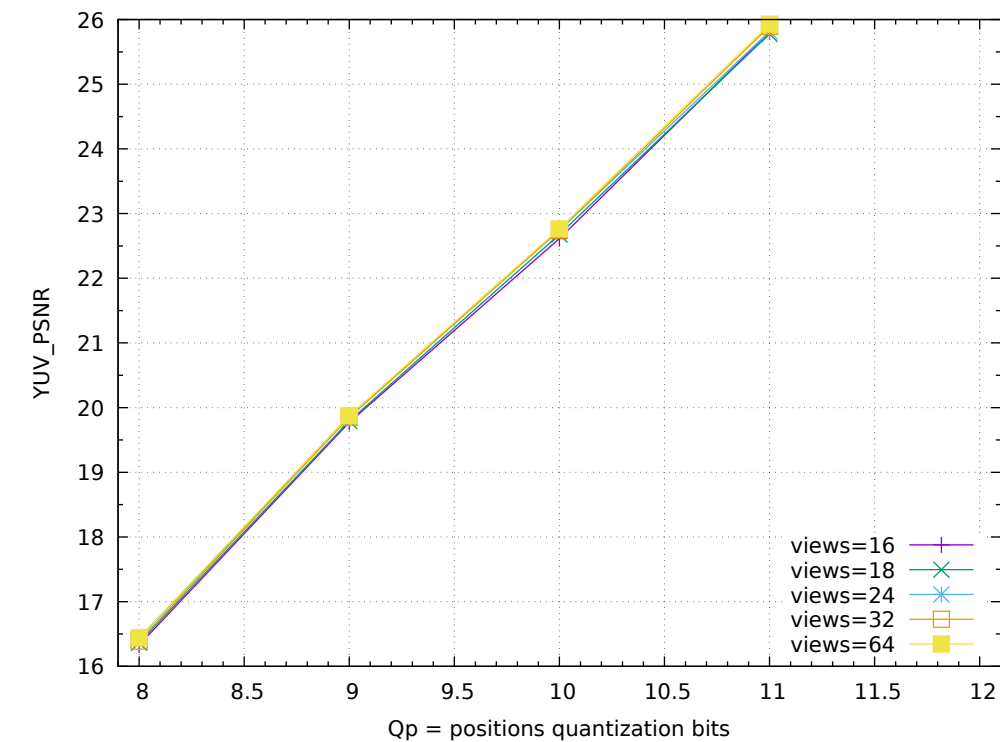
sw_raster res=512



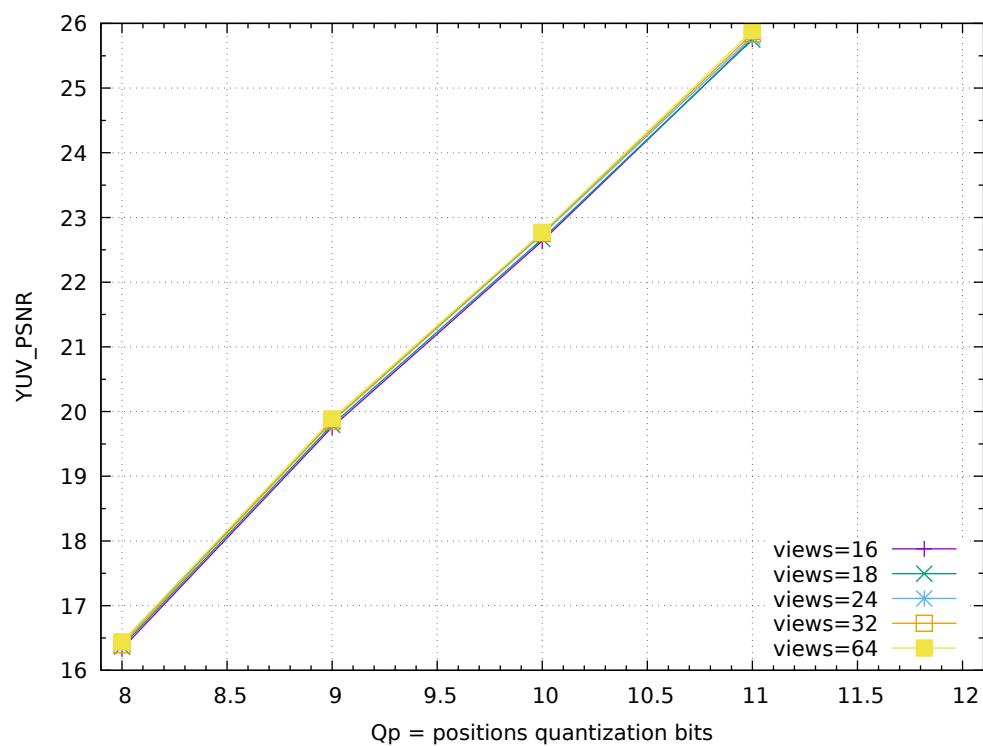
sw_raster res=1024



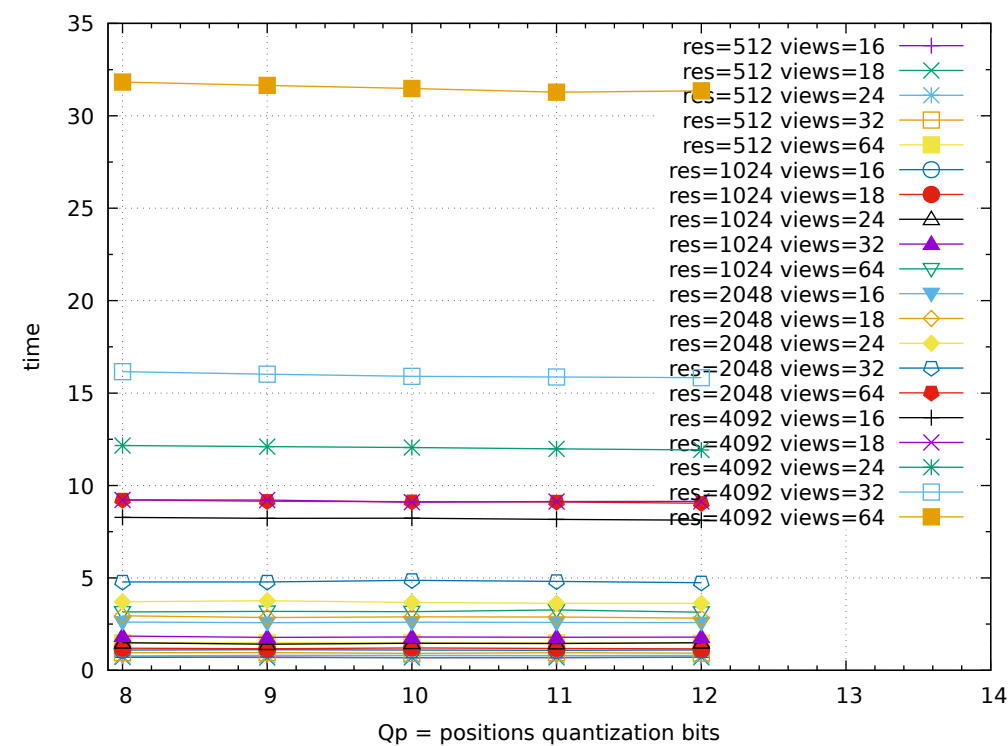
sw_raster res=2048



sw_raster res=4092

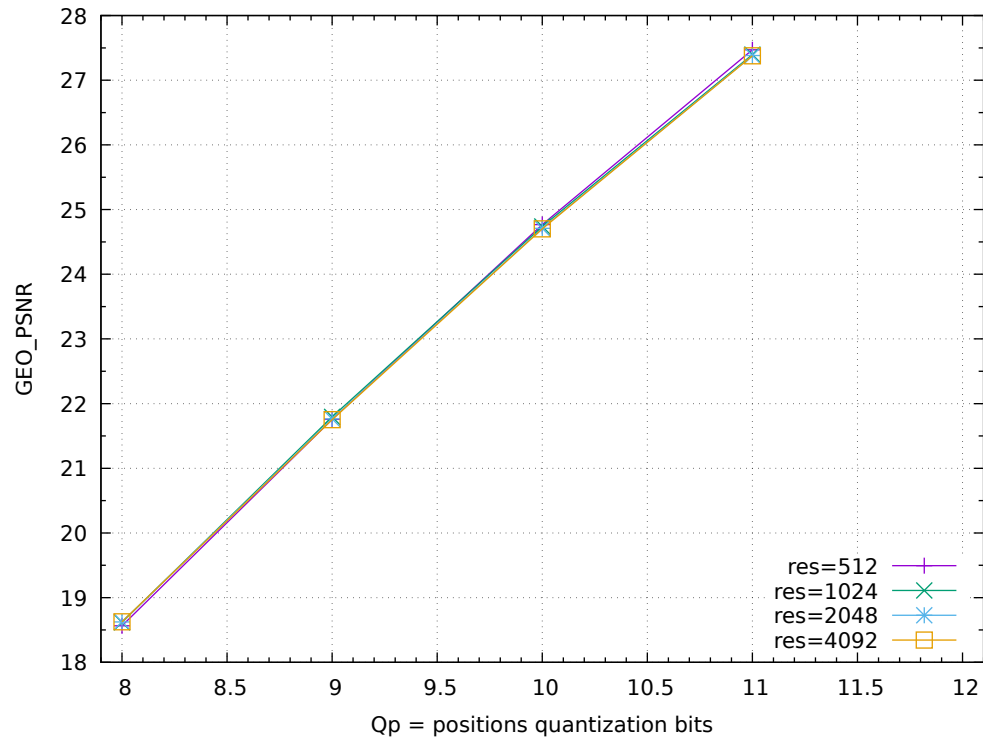


sw_raster

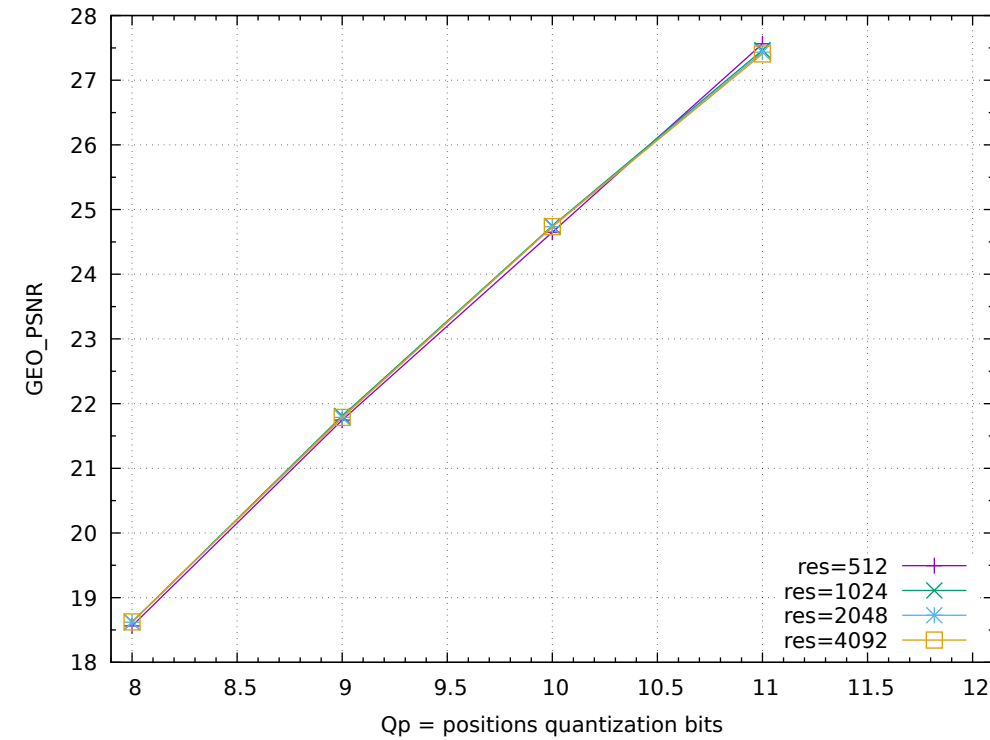


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - model_fr0001

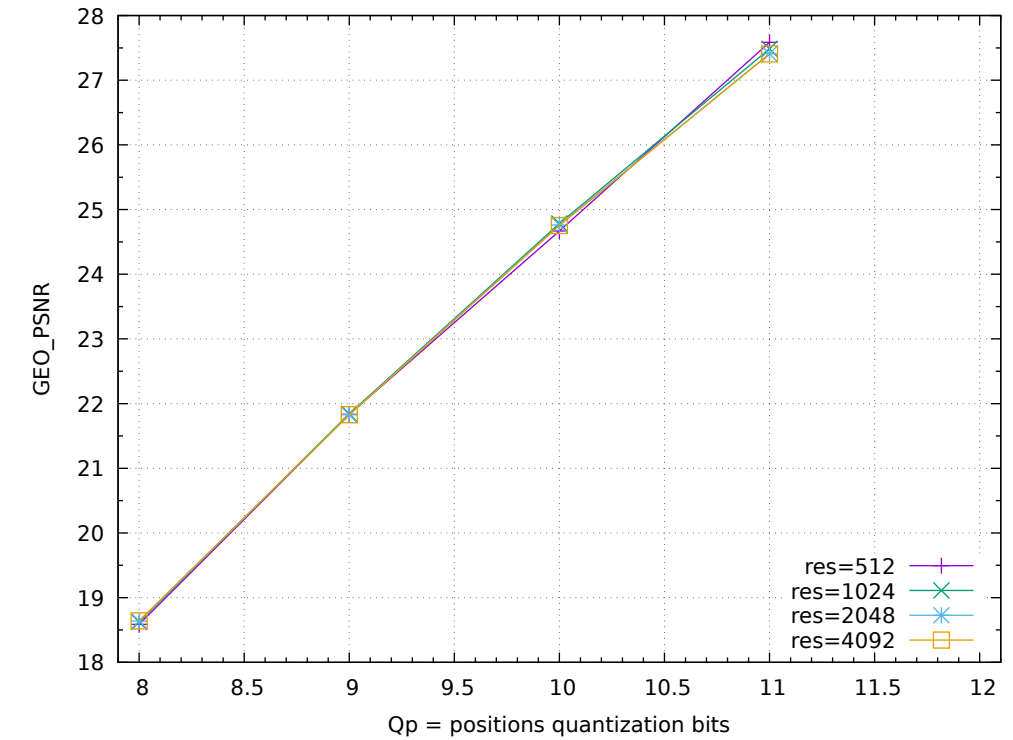
sw_raster views=16



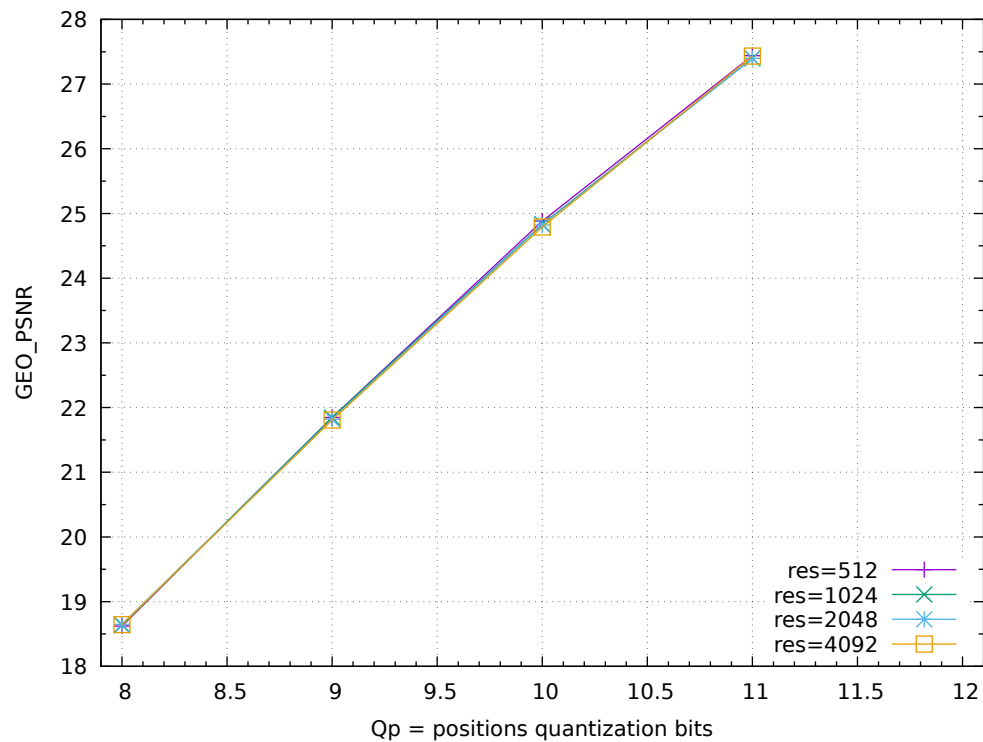
sw_raster views=18



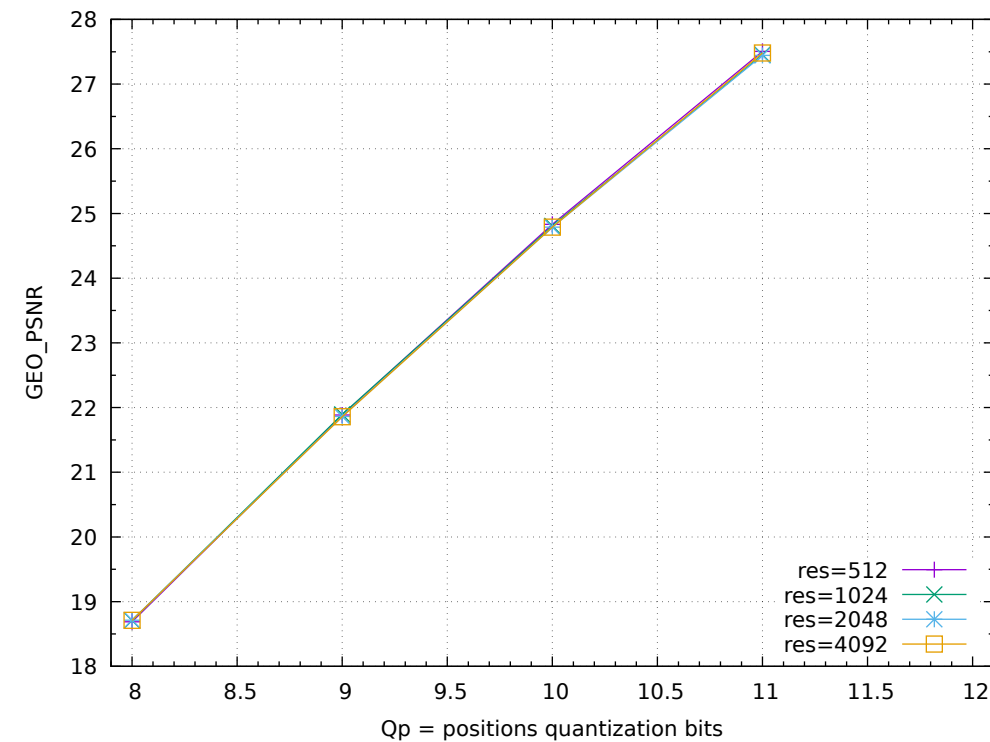
sw_raster views=24



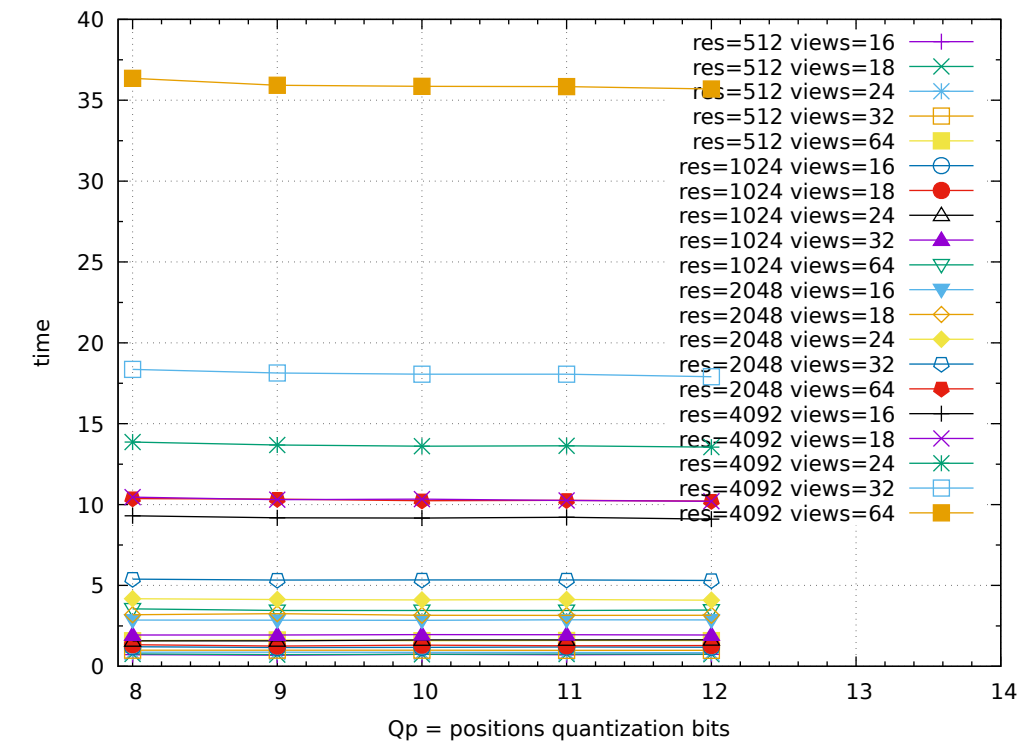
sw_raster views=32



sw_raster views=64

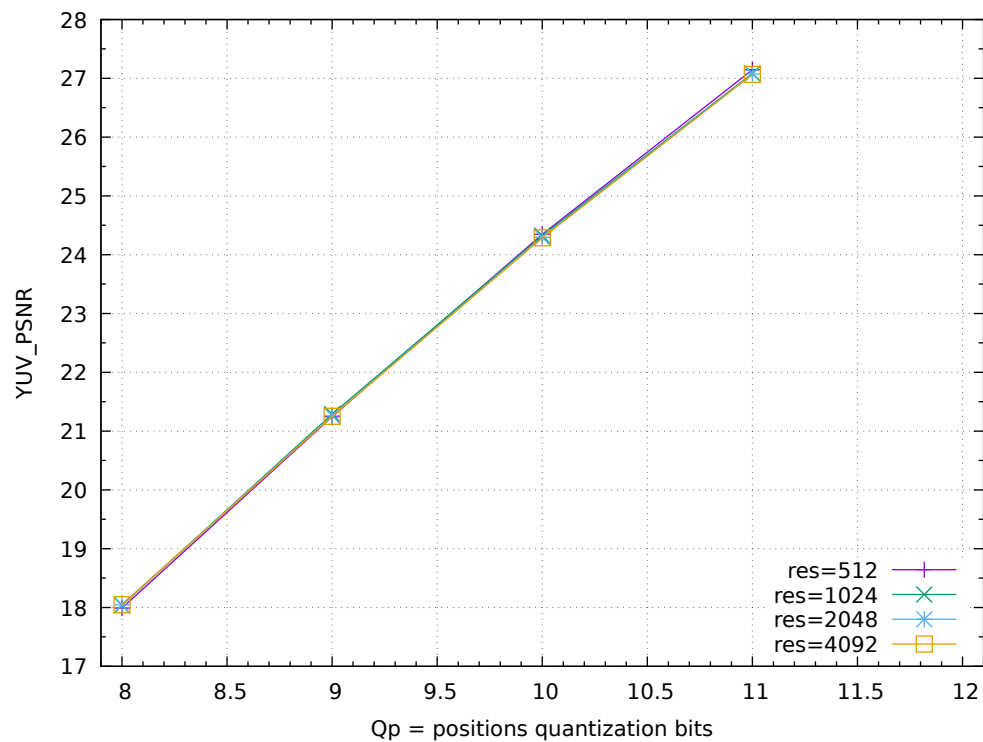


sw_raster

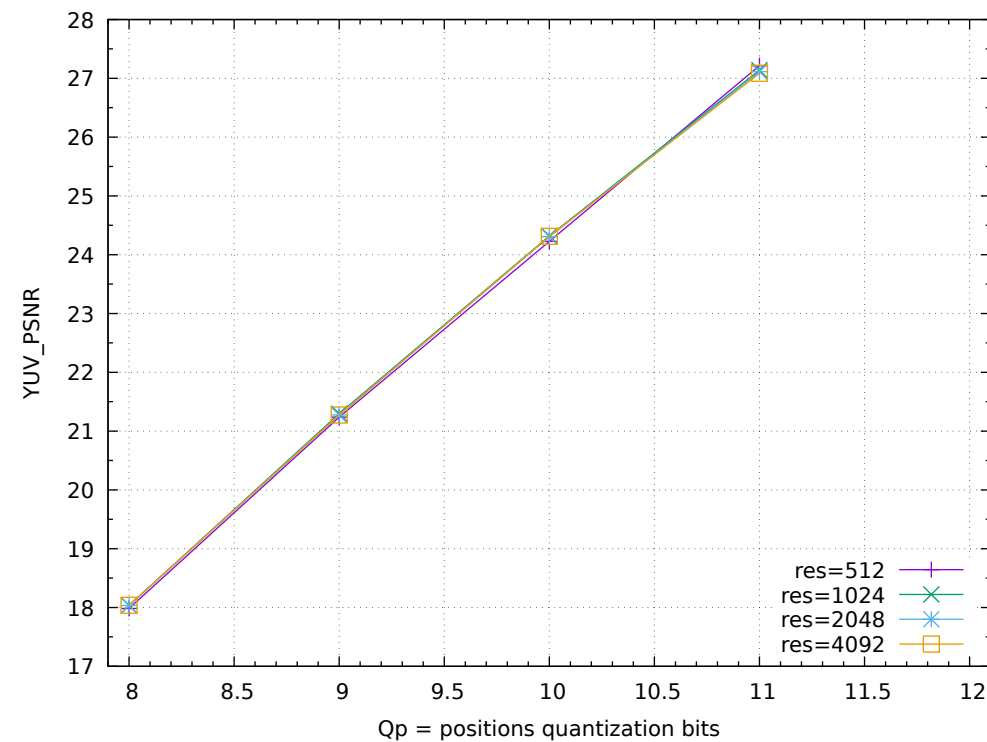


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - model_fr0001

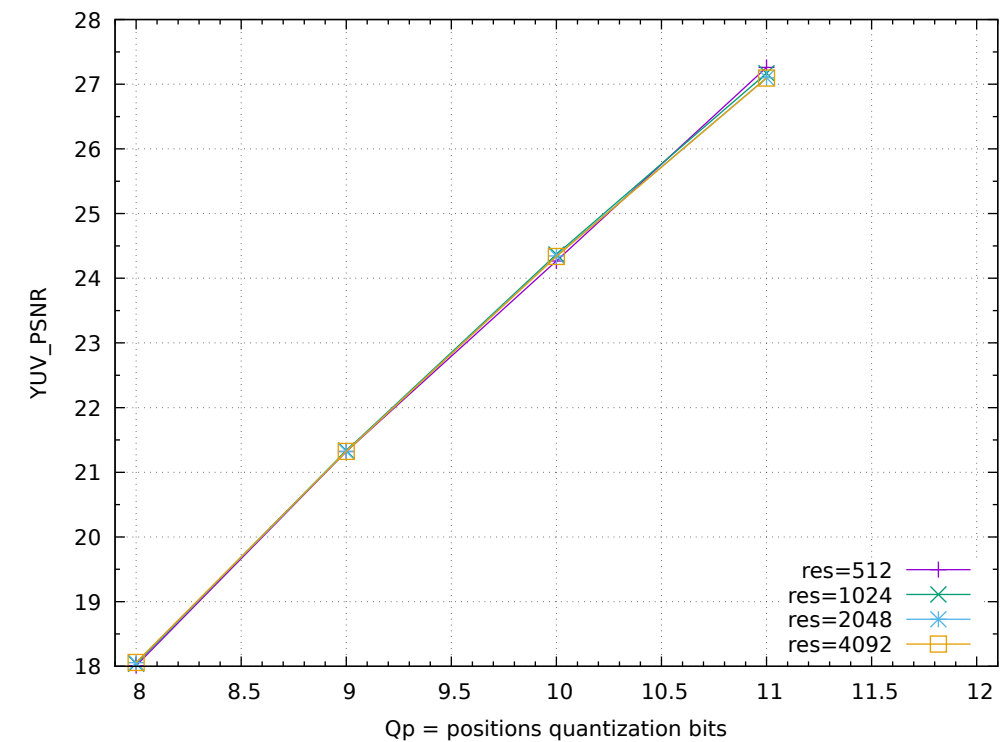
sw_raster views=16



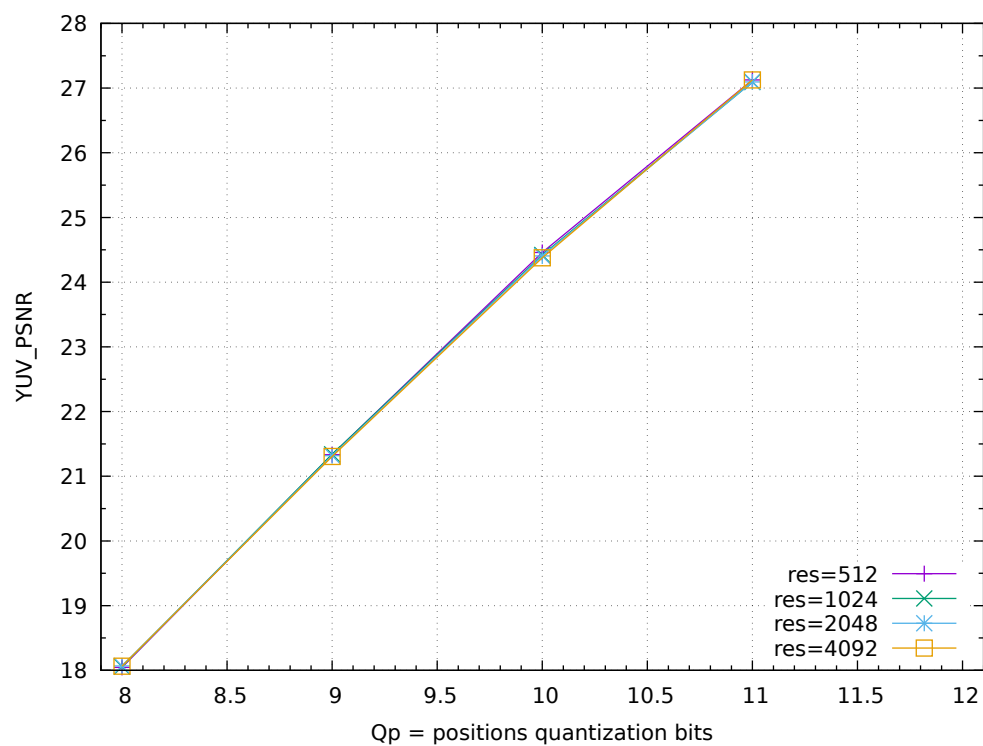
sw_raster views=18



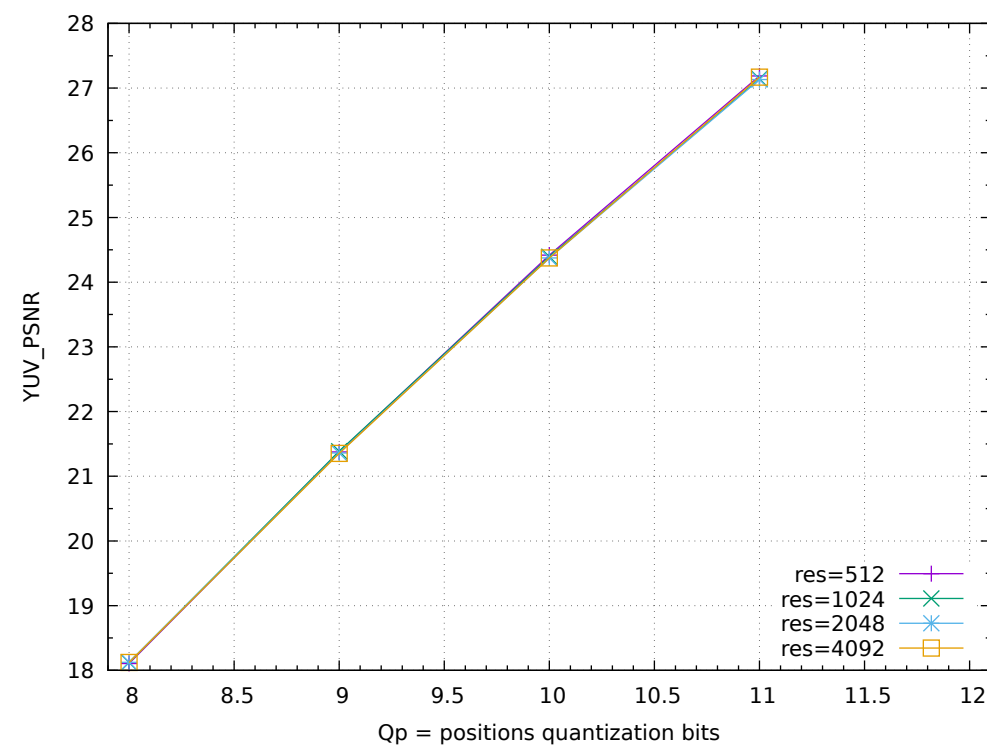
sw_raster views=24



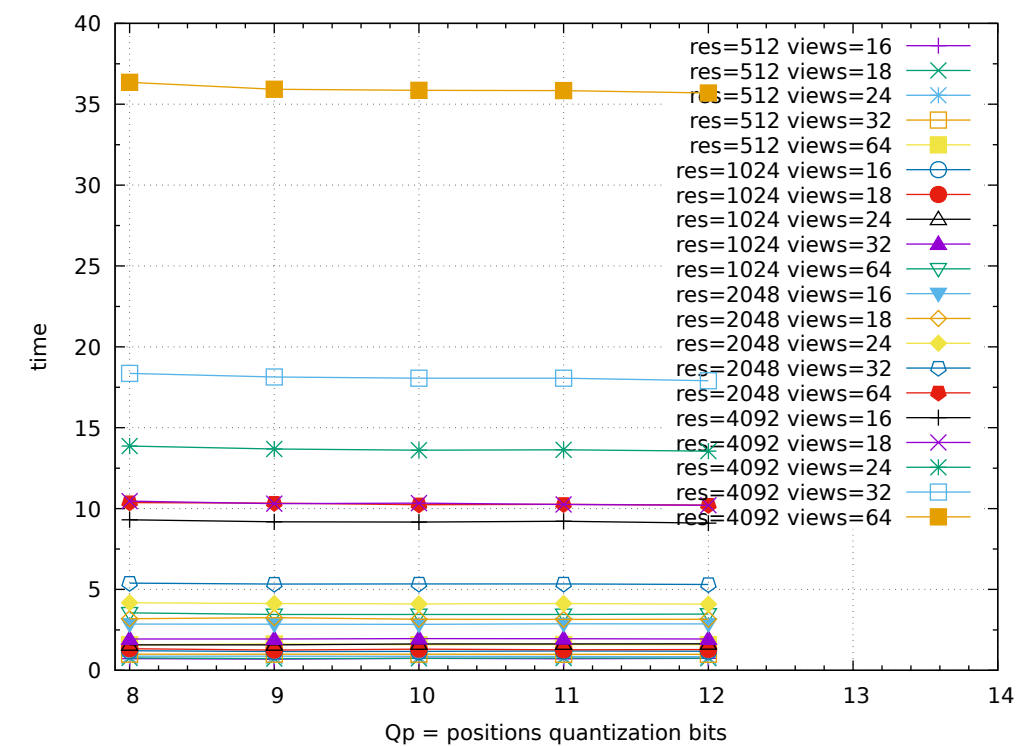
sw_raster views=32



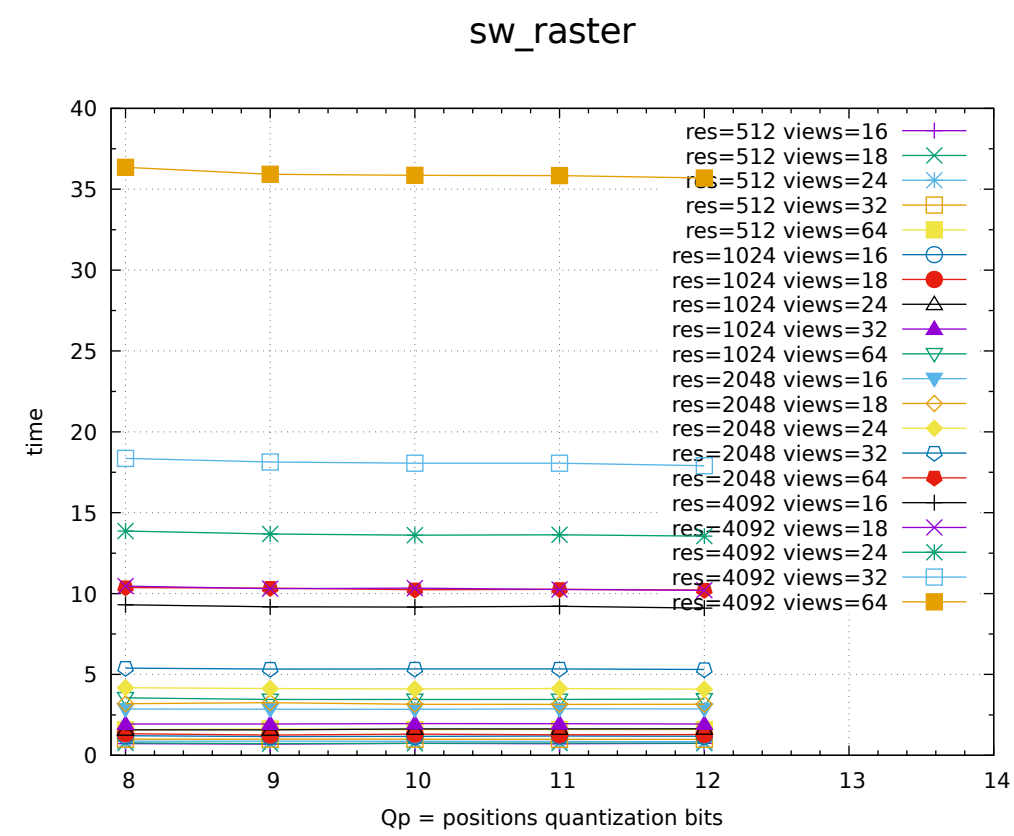
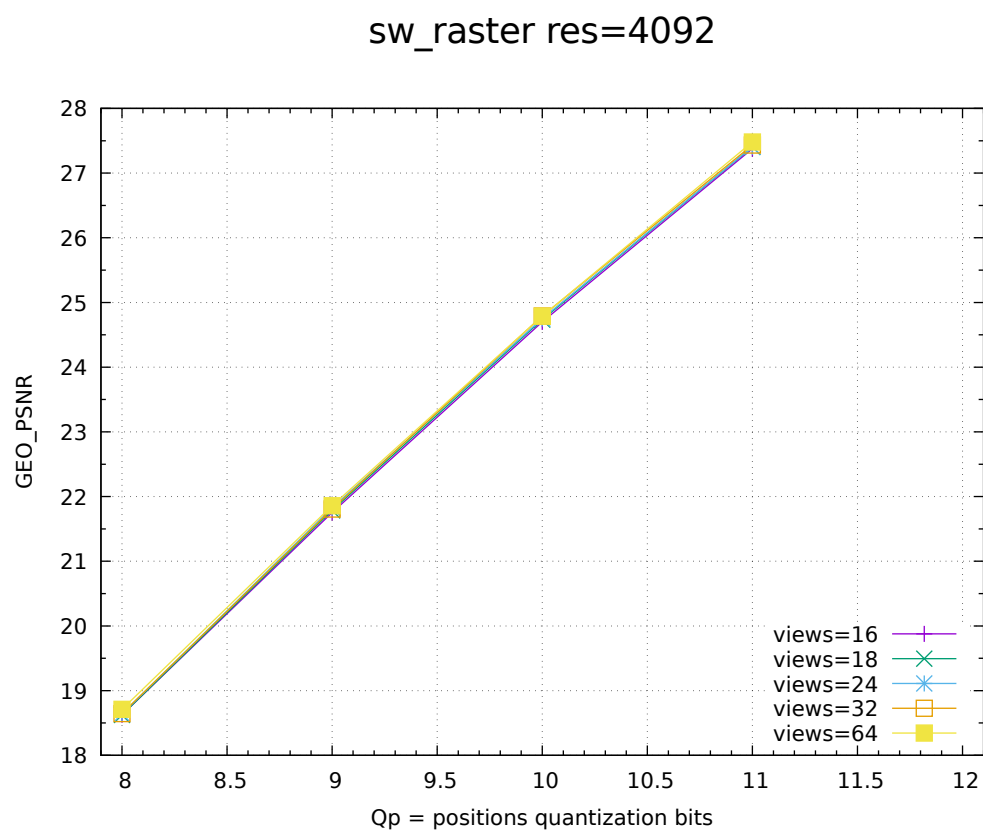
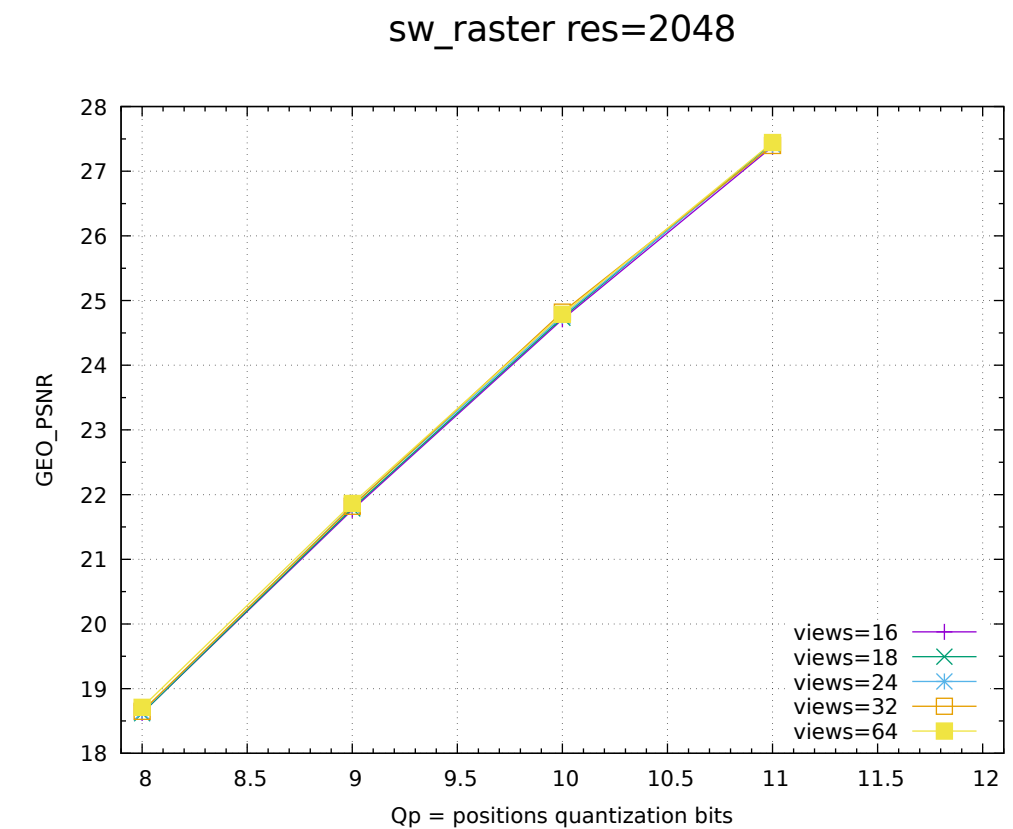
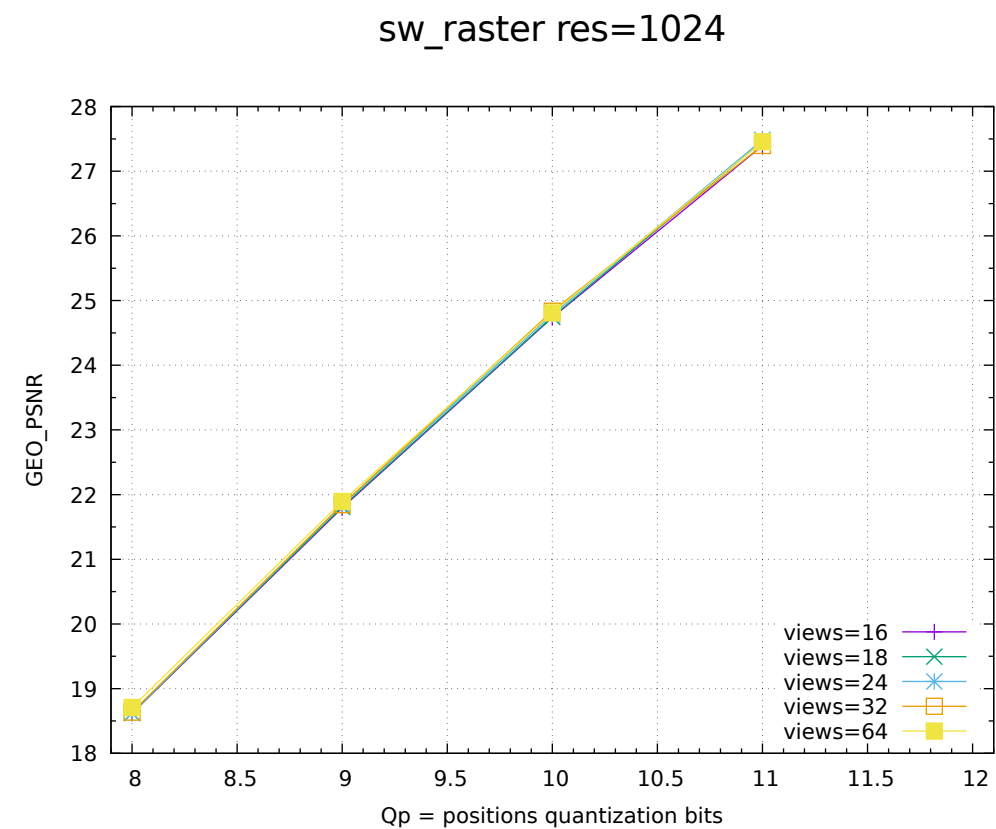
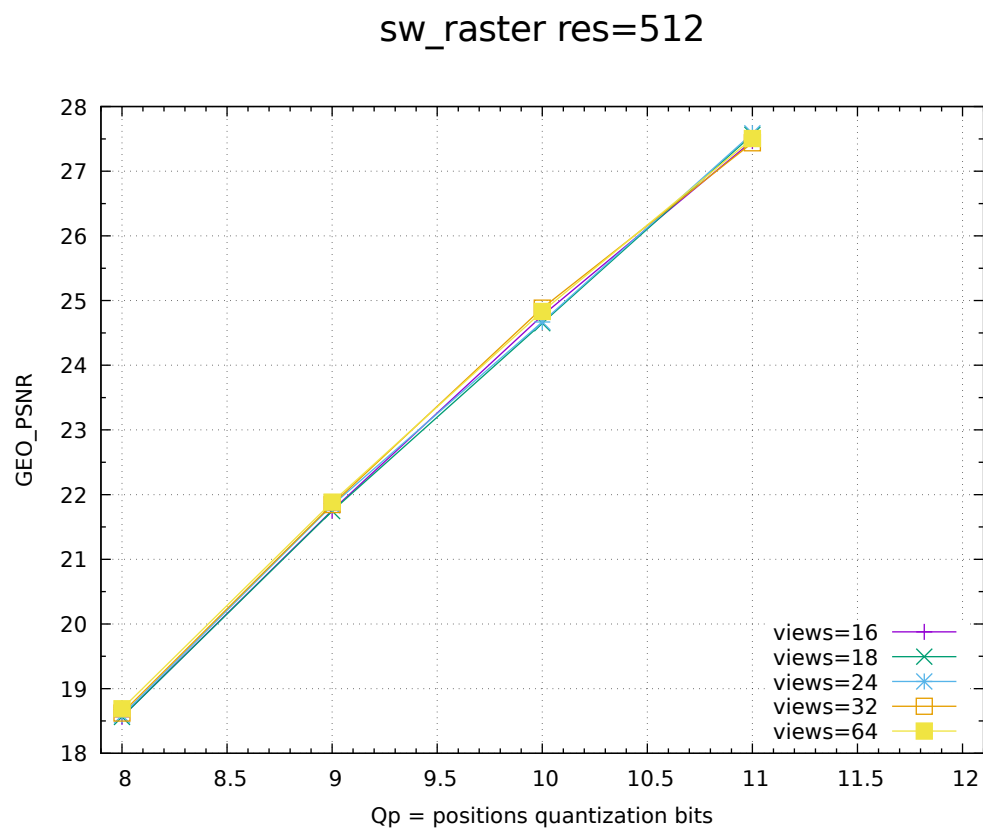
sw_raster views=64



sw_raster

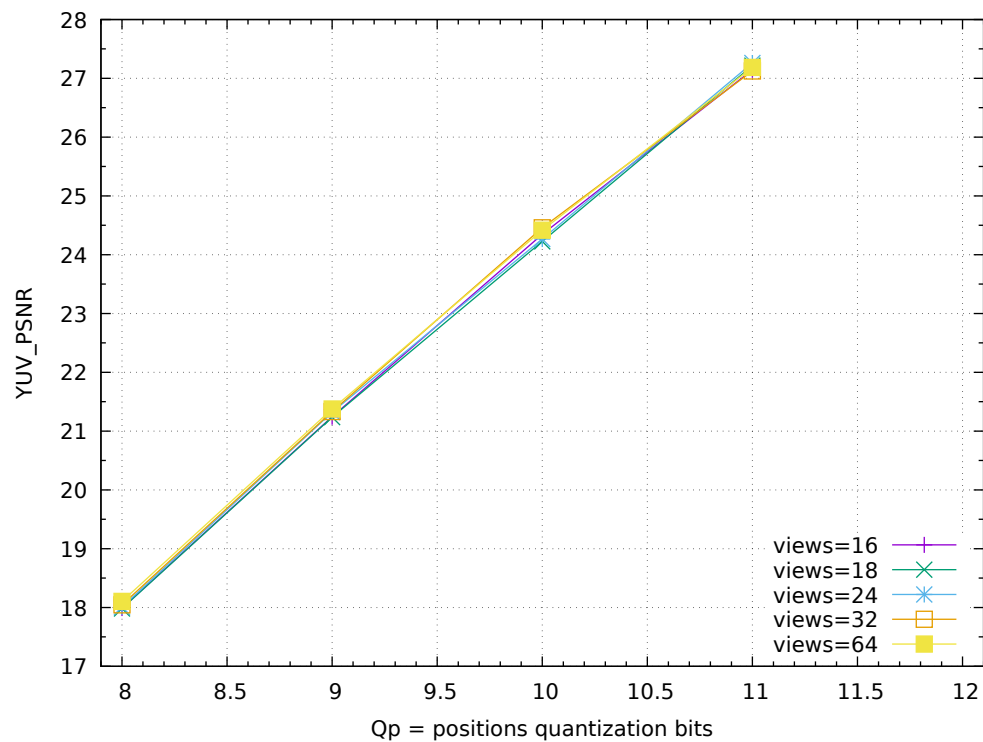


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - model_fr0001

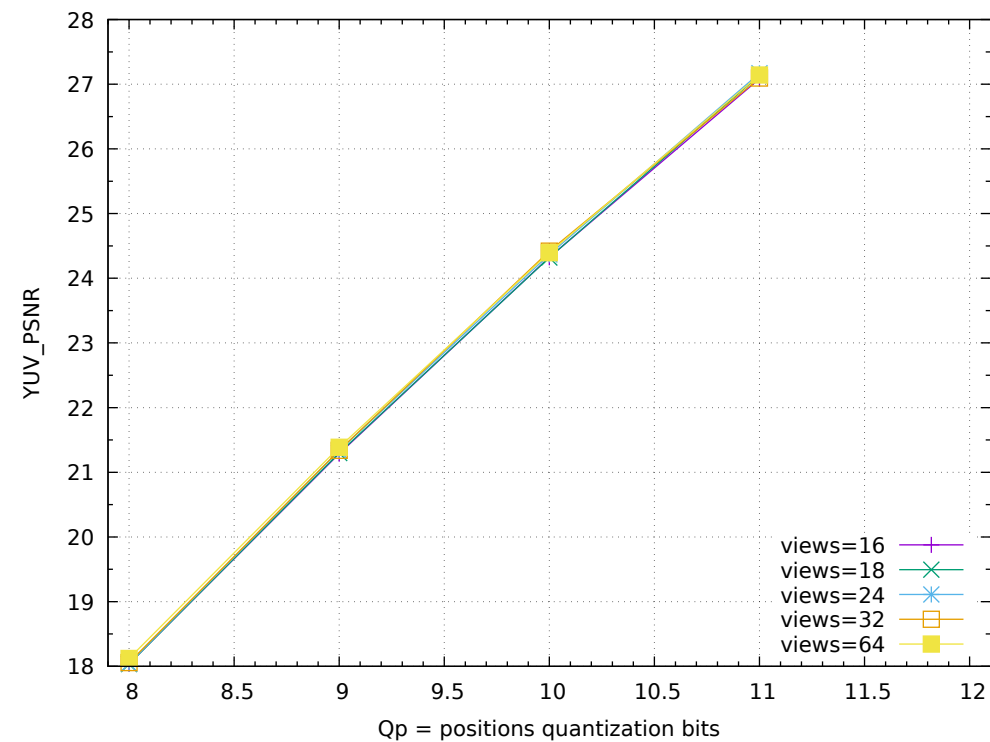


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - model_fr0001

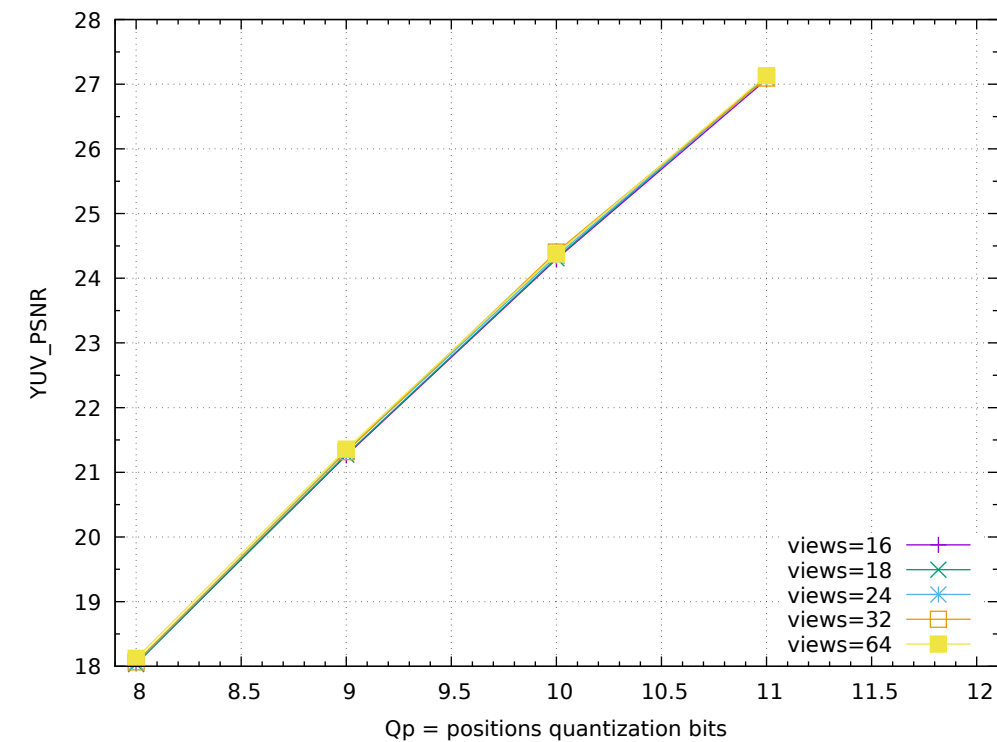
sw_raster res=512



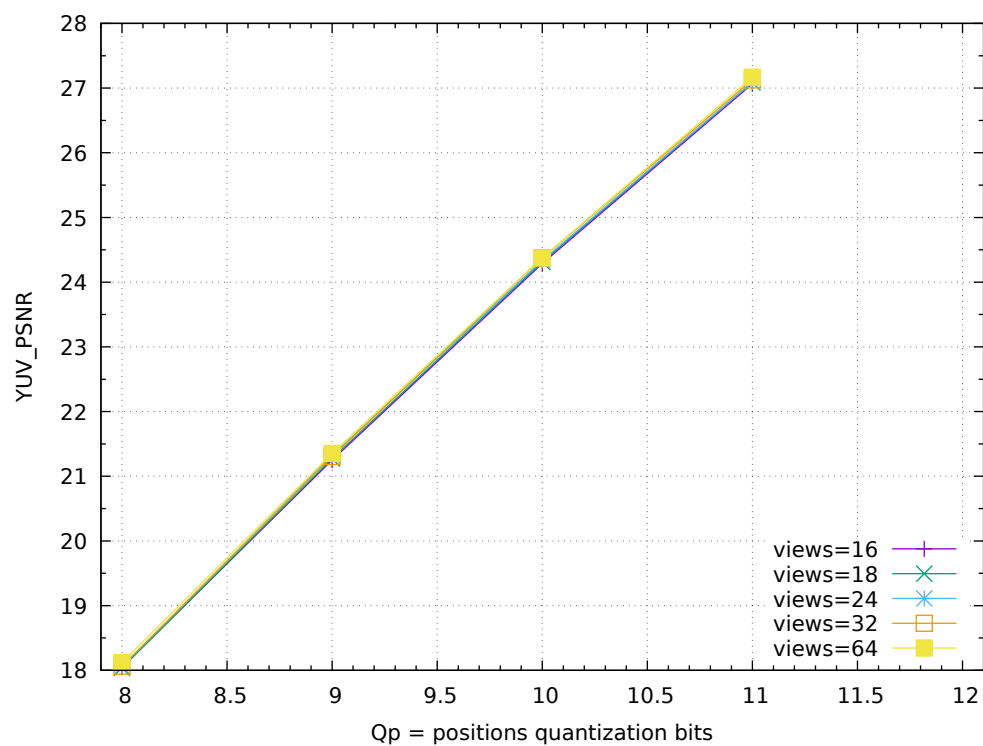
sw_raster res=1024



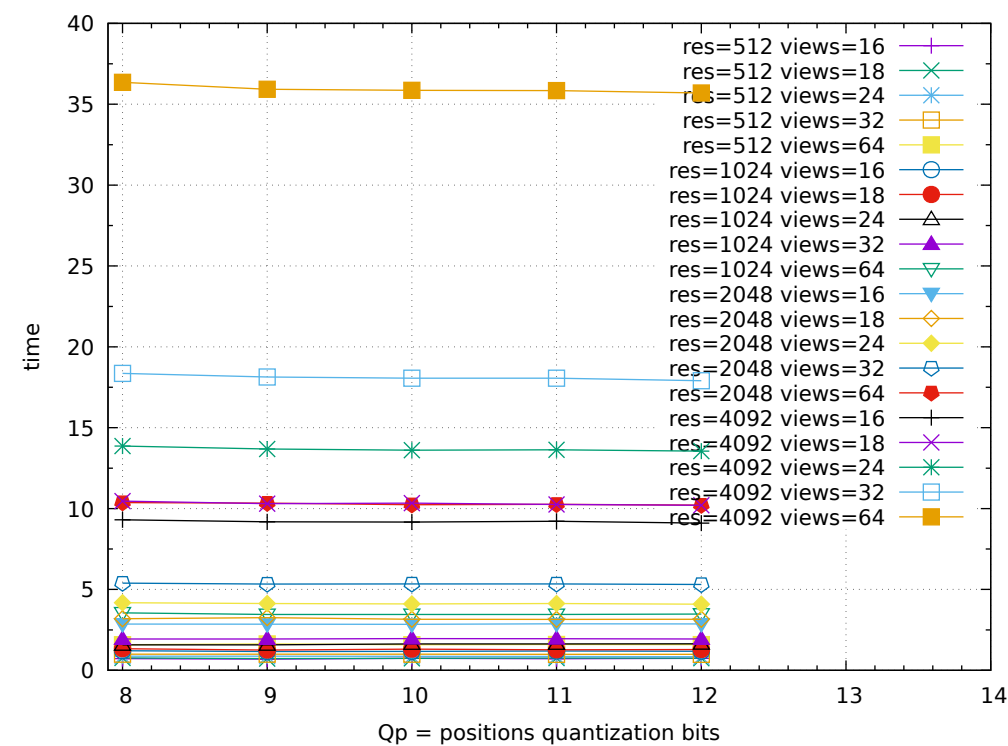
sw_raster res=2048



sw_raster res=4092

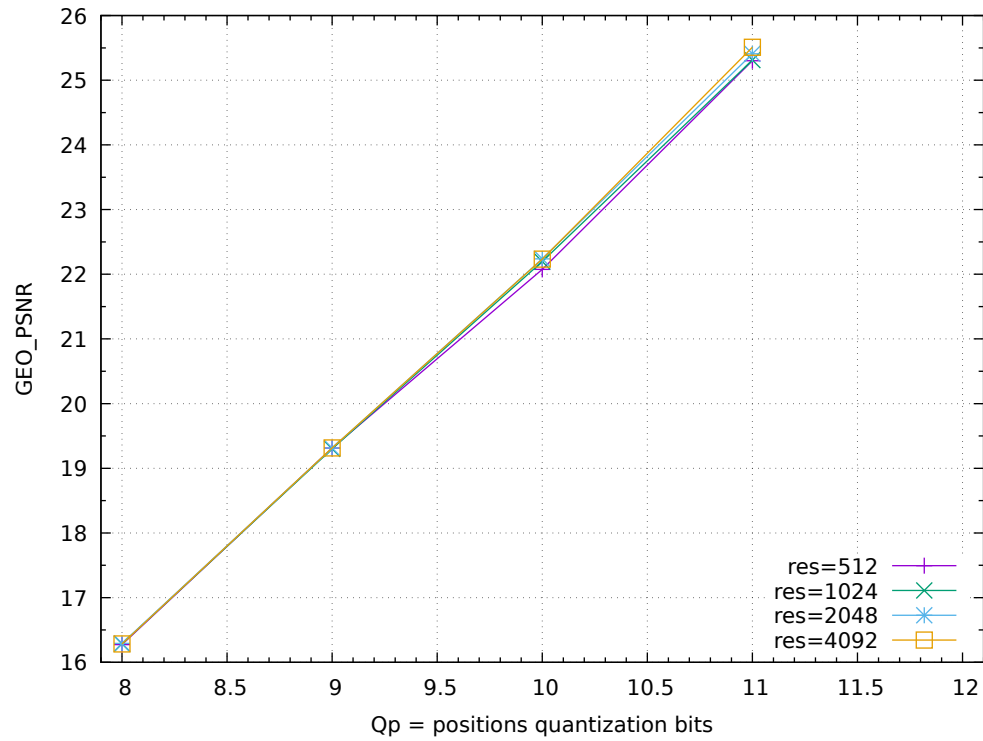


sw_raster

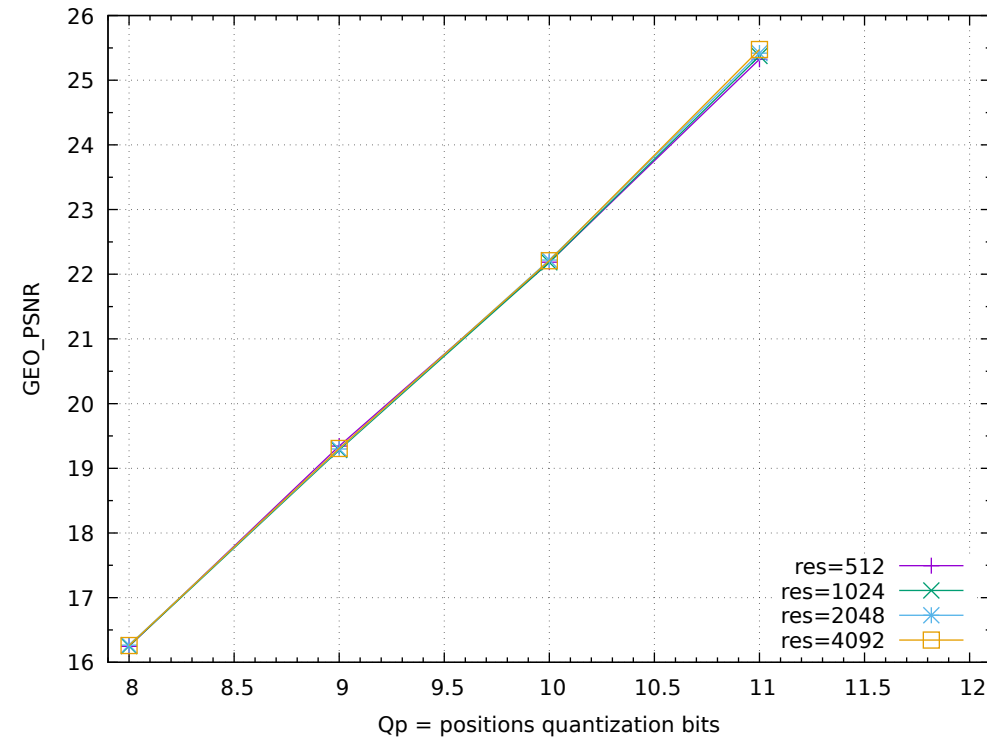


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - football_fr0445

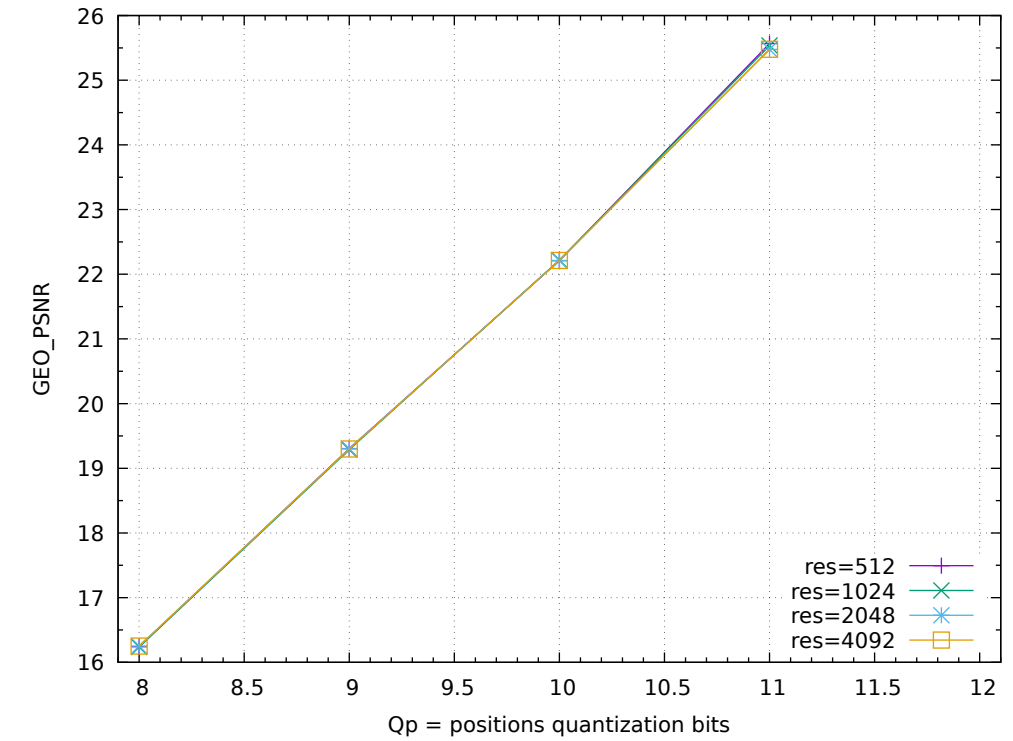
sw_raster views=16



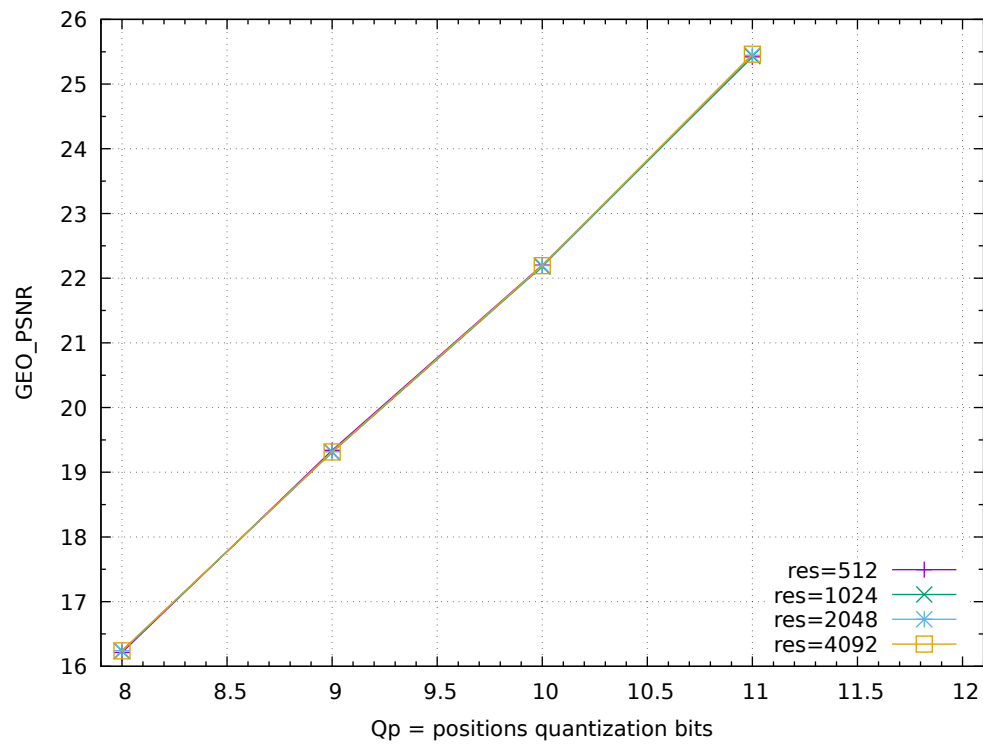
sw_raster views=18



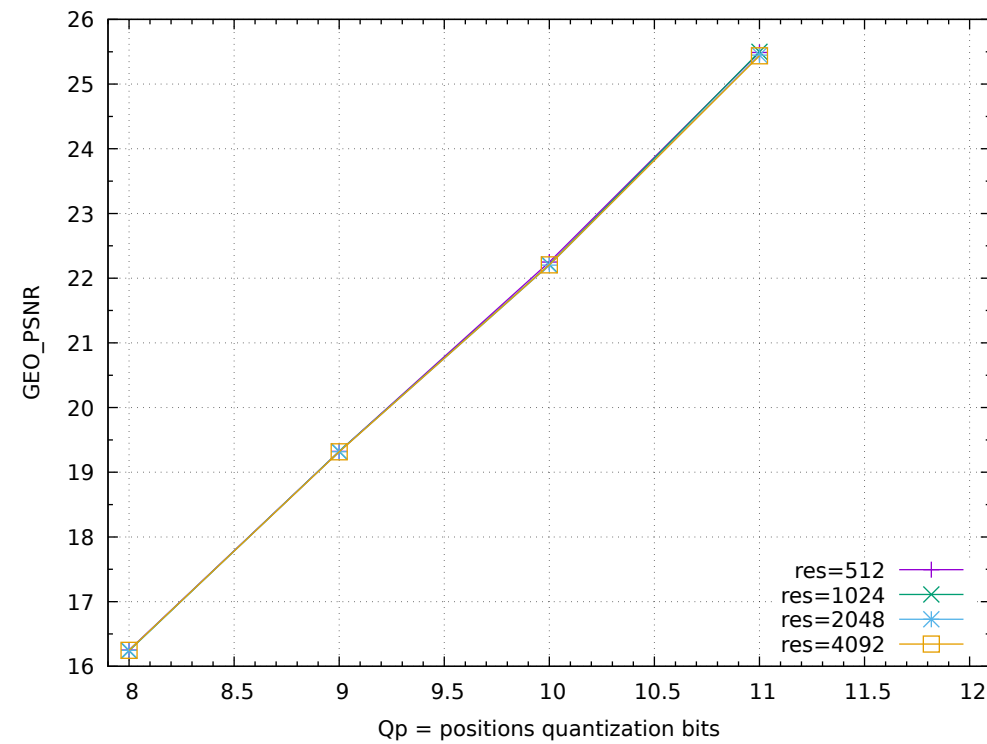
sw_raster views=24



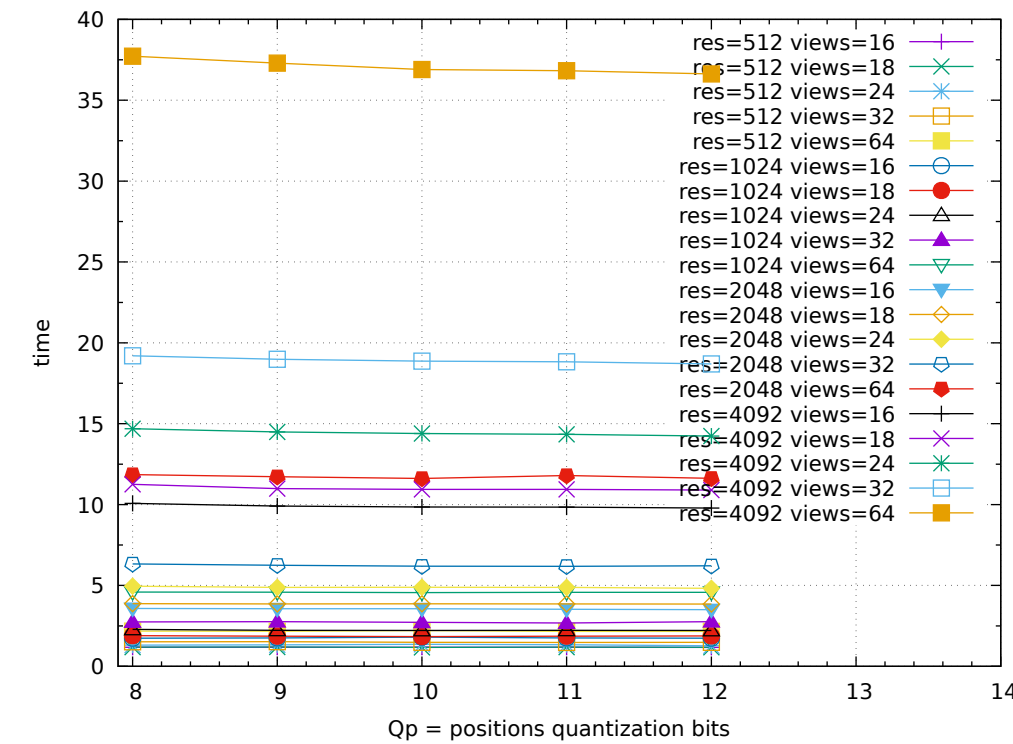
sw_raster views=32



sw_raster views=64

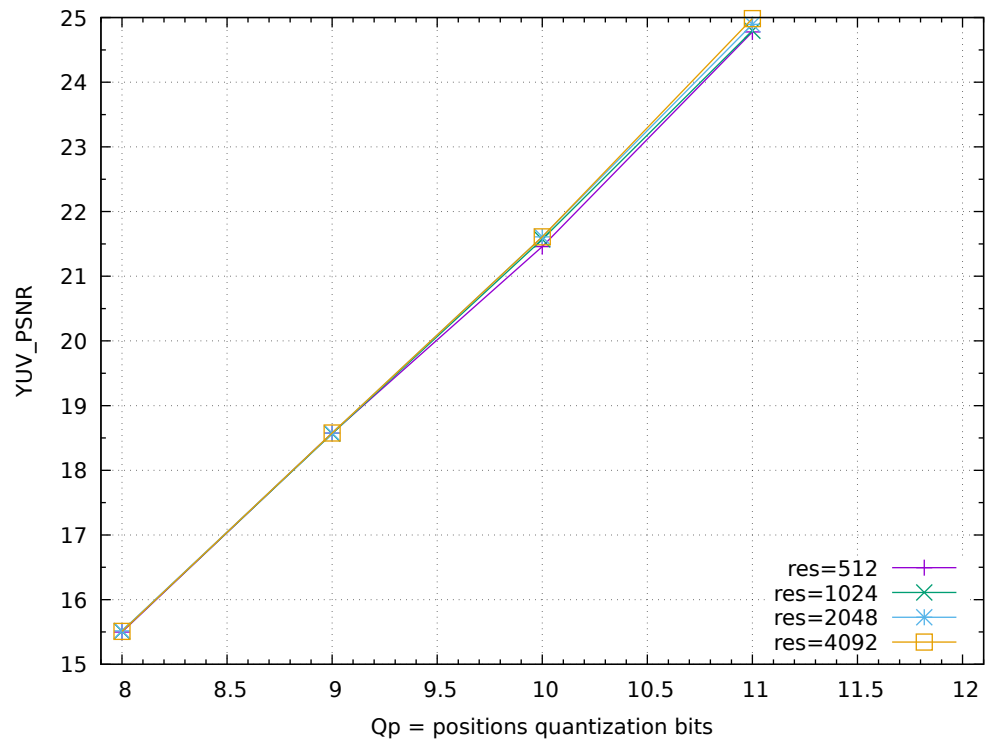


sw_raster

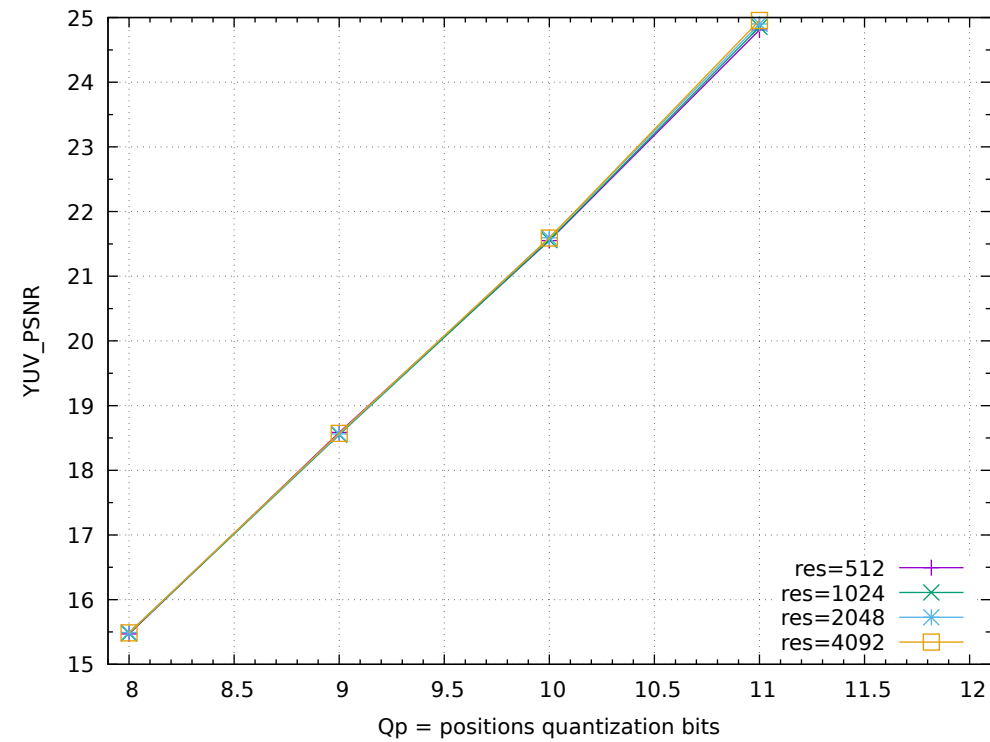


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - football_fr0445

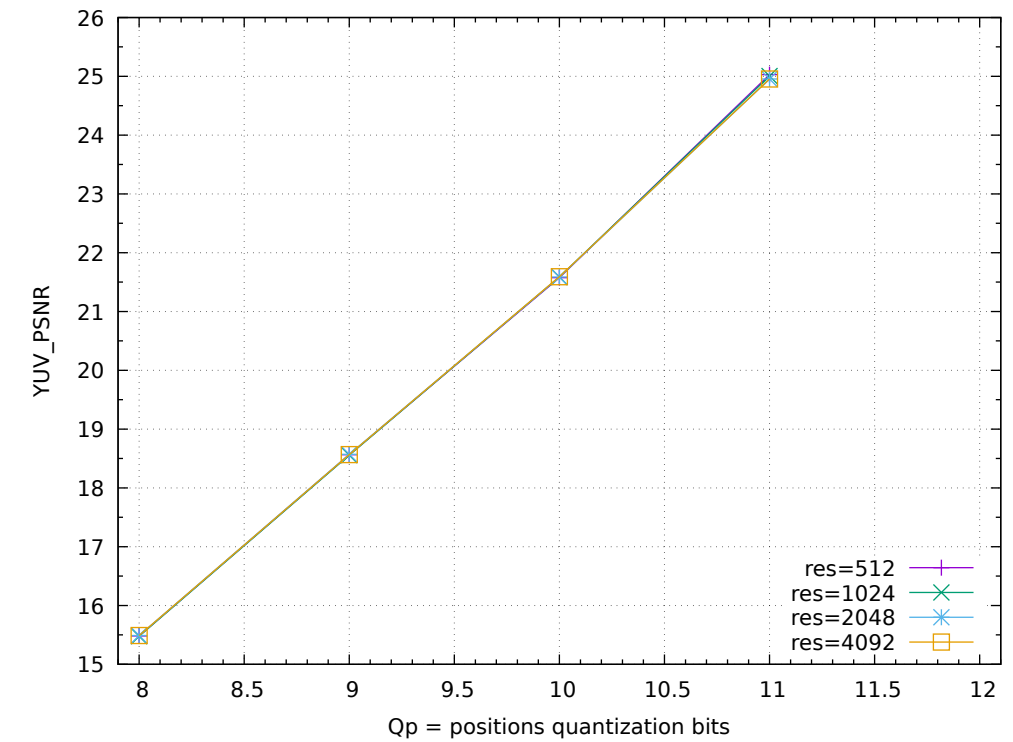
sw_raster views=16



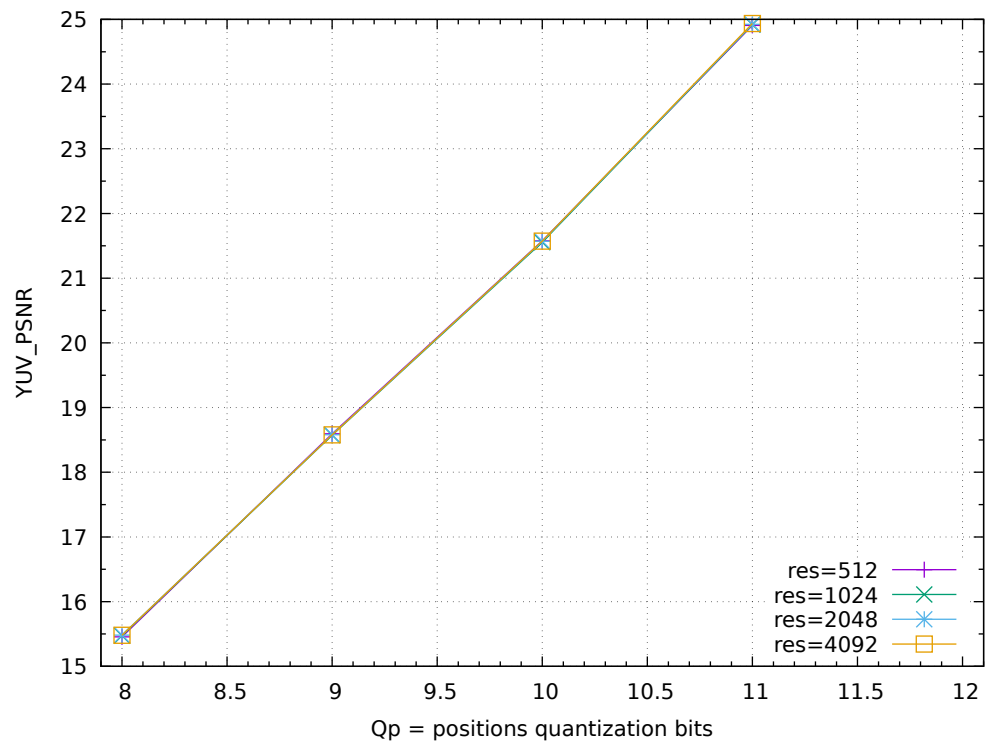
sw_raster views=18



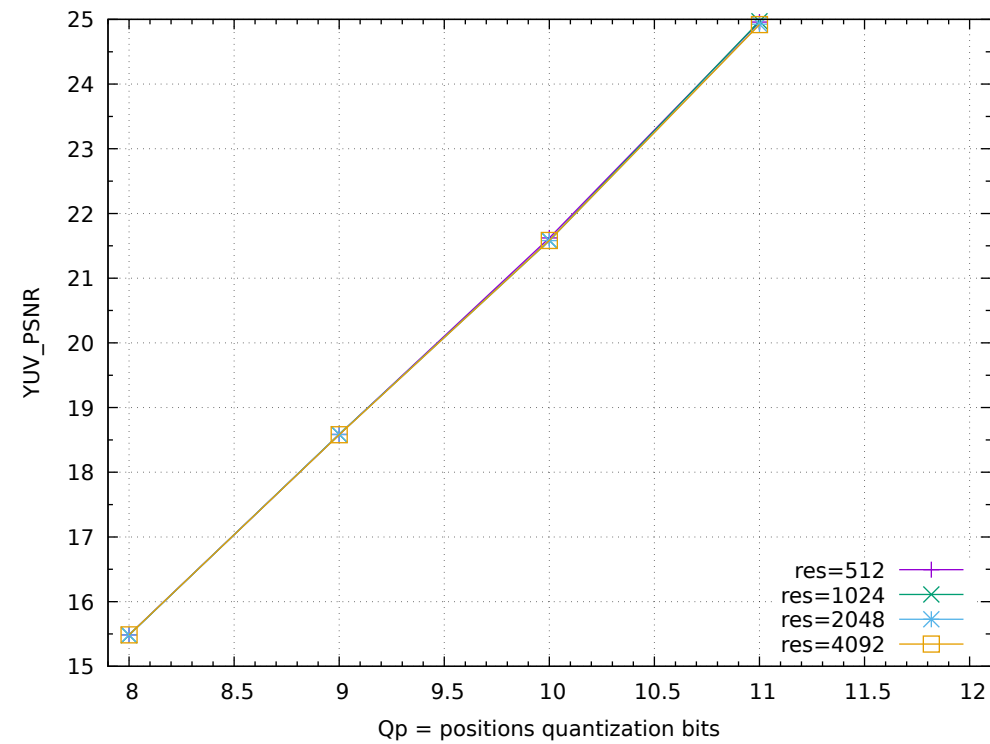
sw_raster views=24



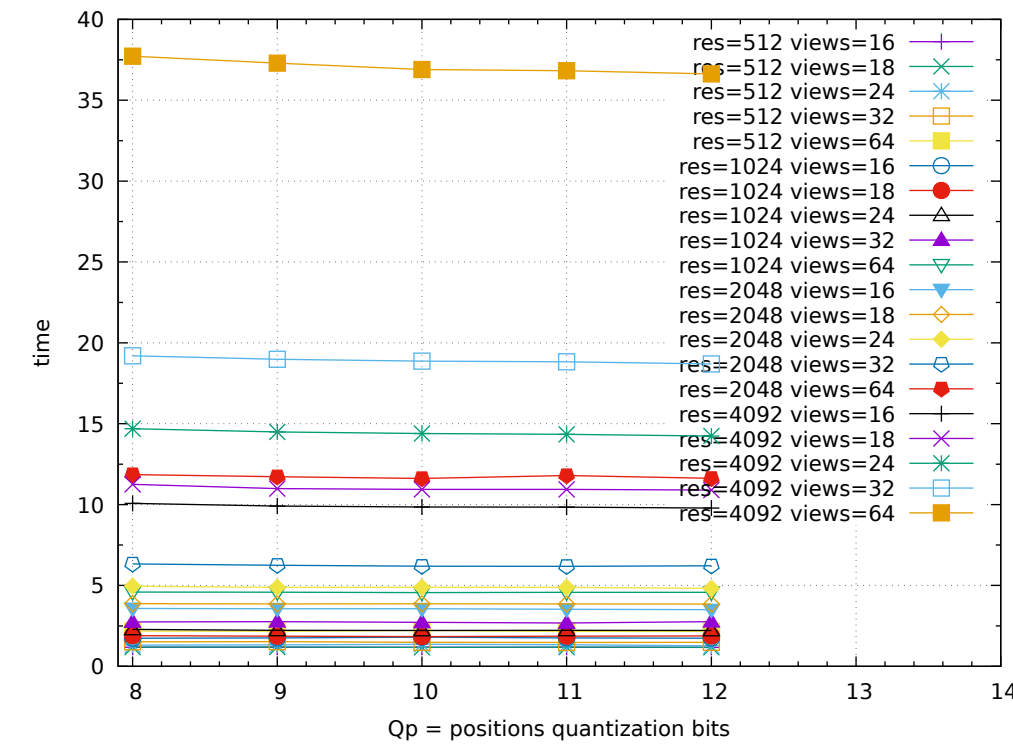
sw_raster views=32



sw_raster views=64

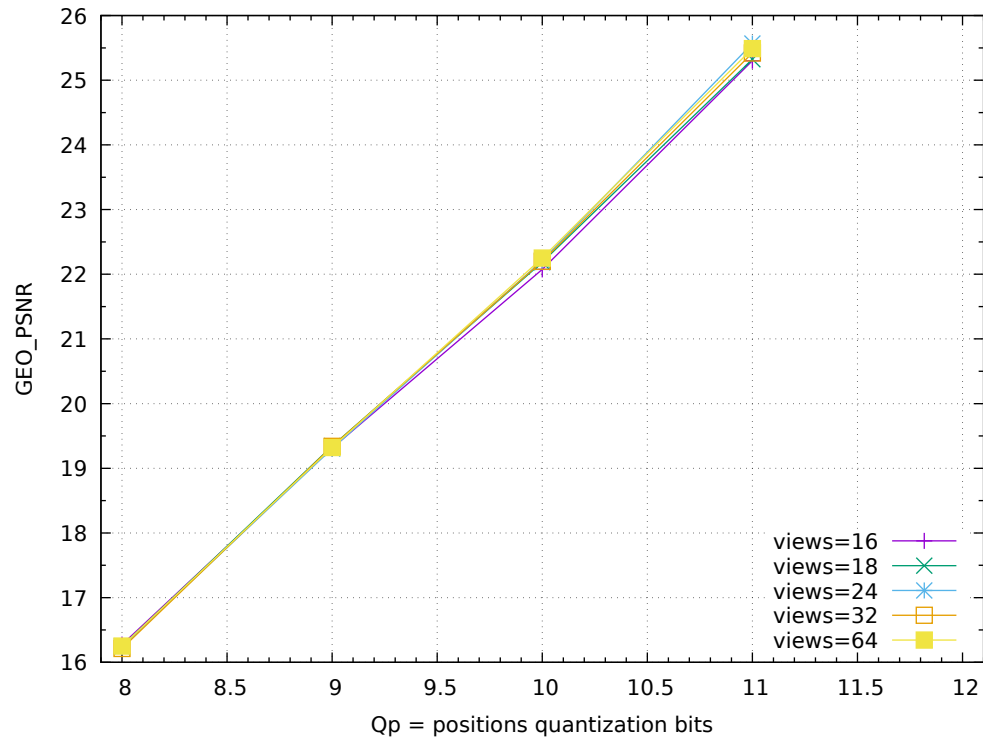


sw_raster

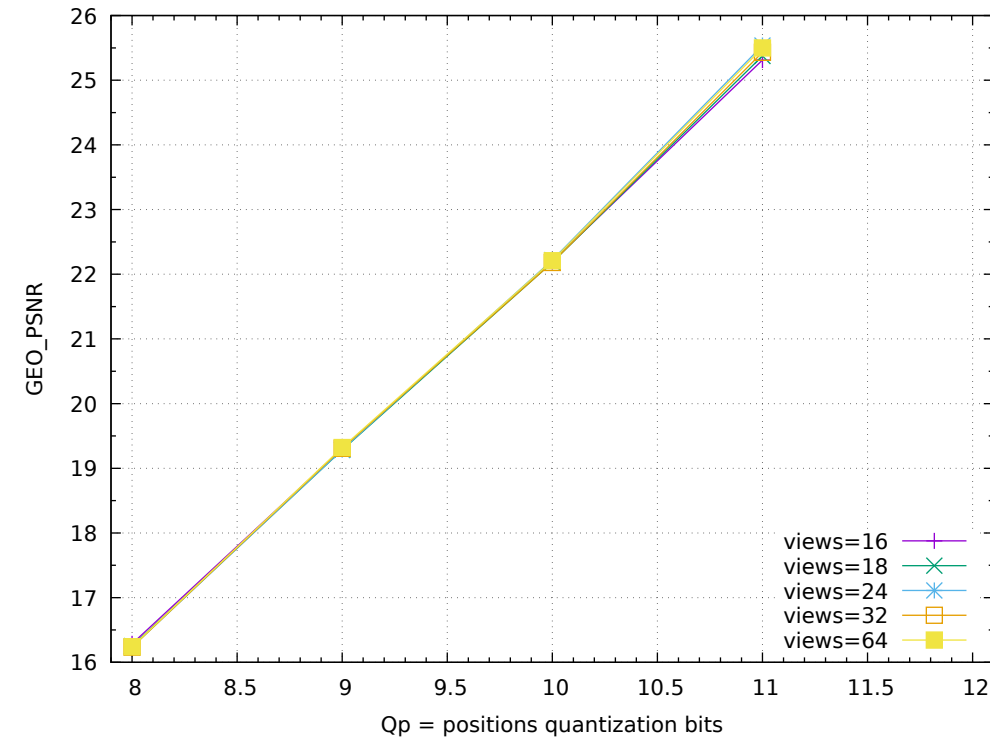


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - football_fr0445

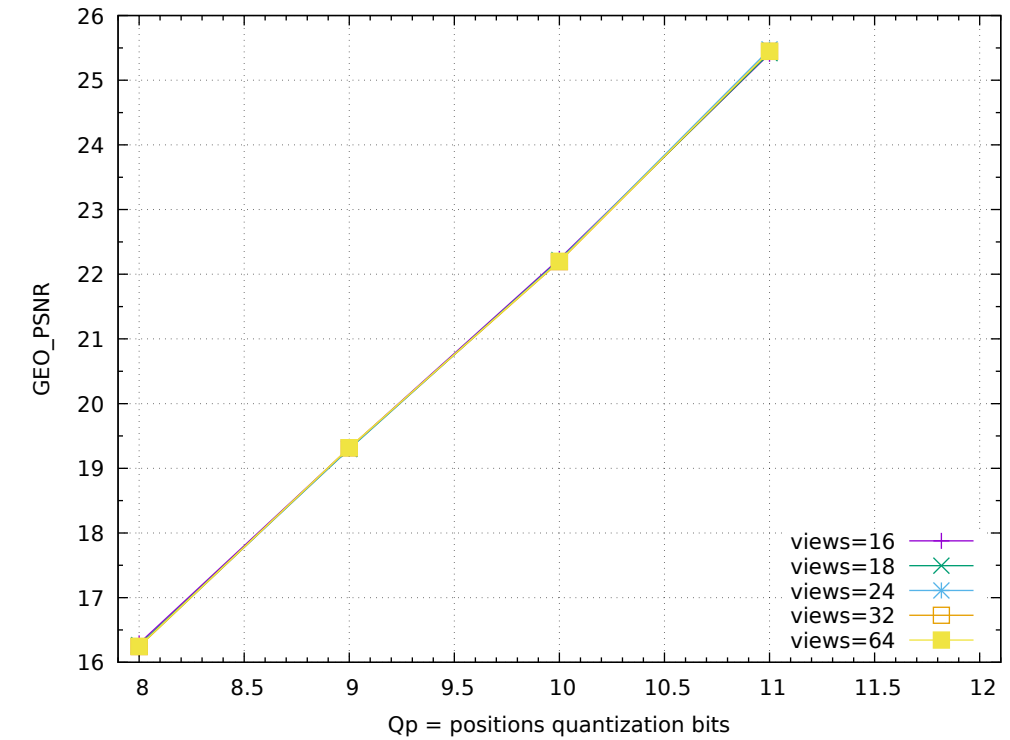
sw_raster res=512



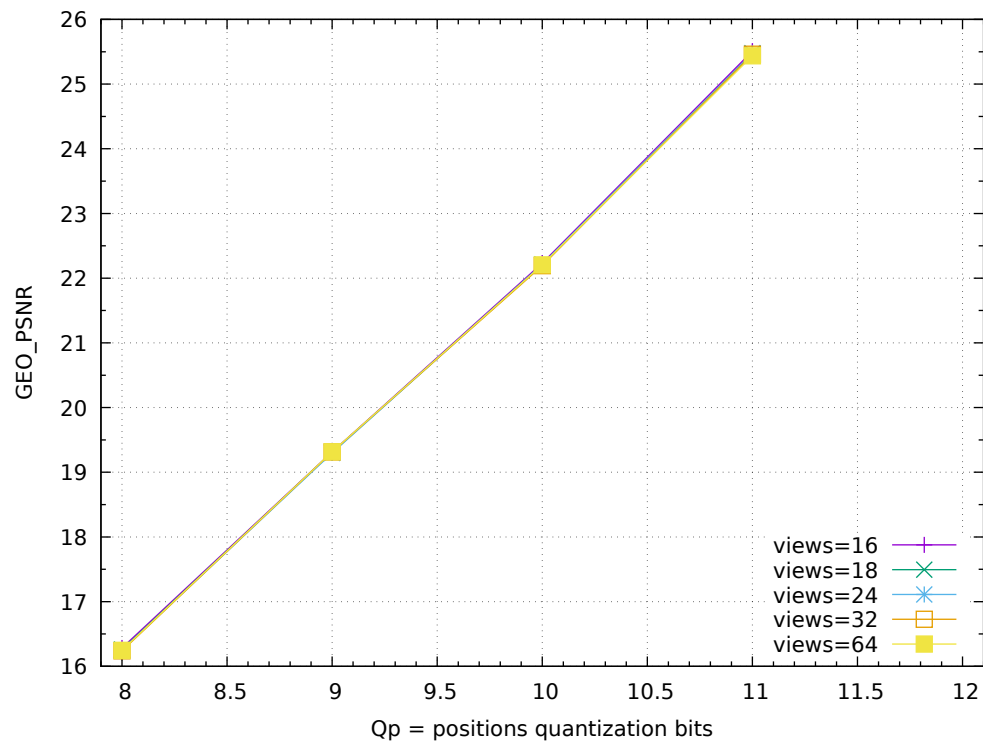
sw_raster res=1024



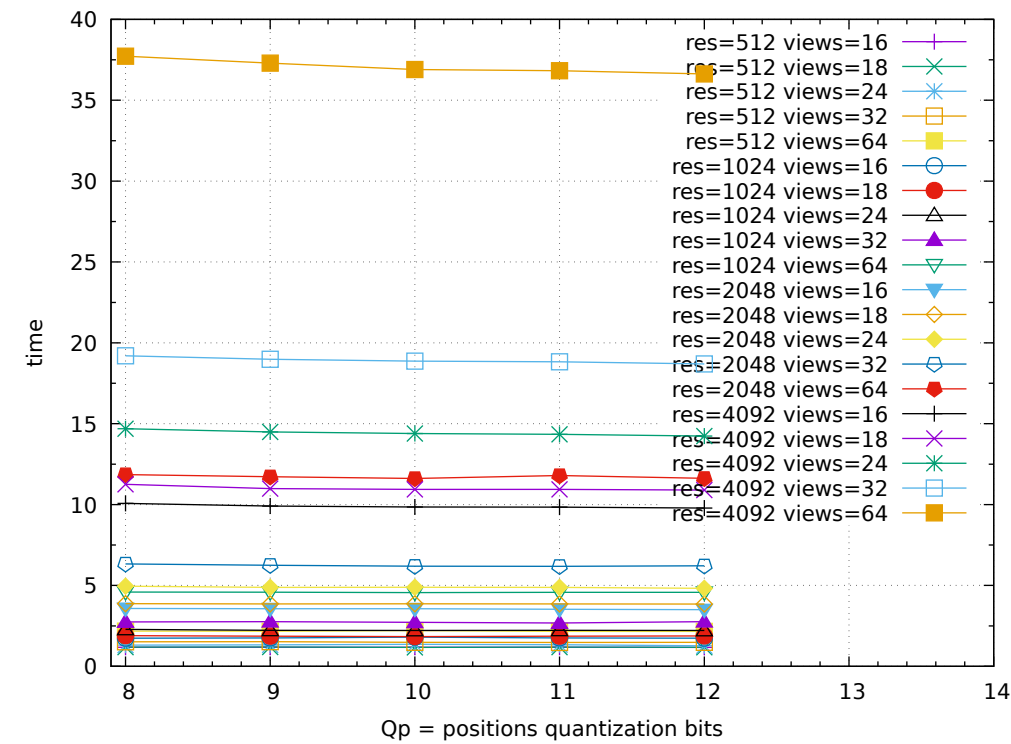
sw_raster res=2048



sw_raster res=4092

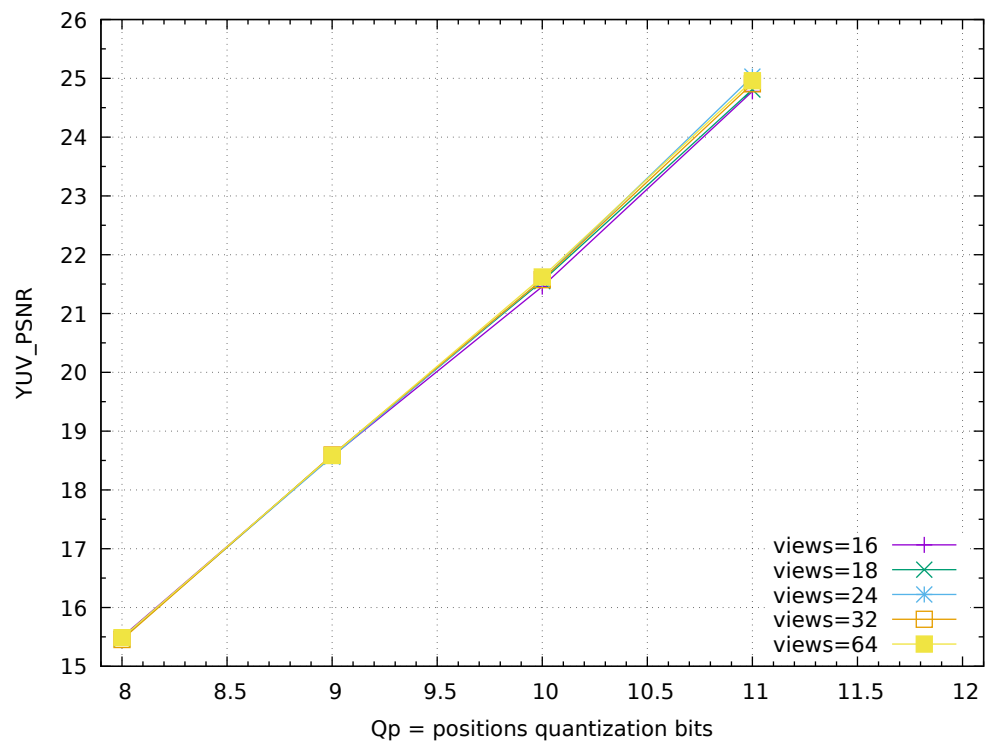


sw_raster

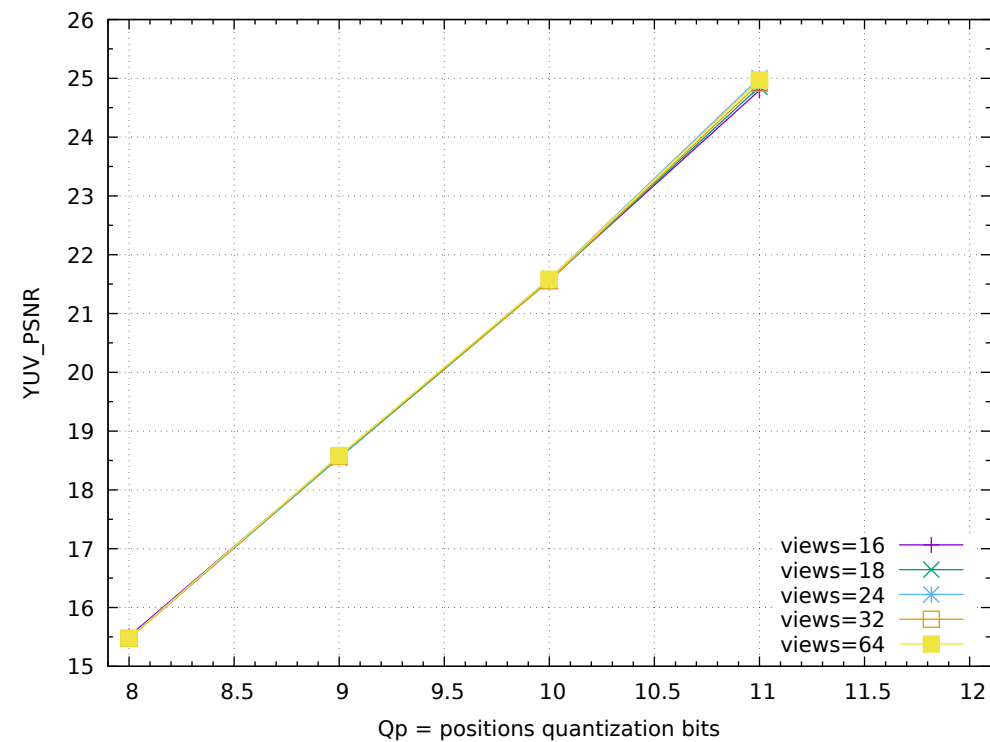


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - football_fr0445

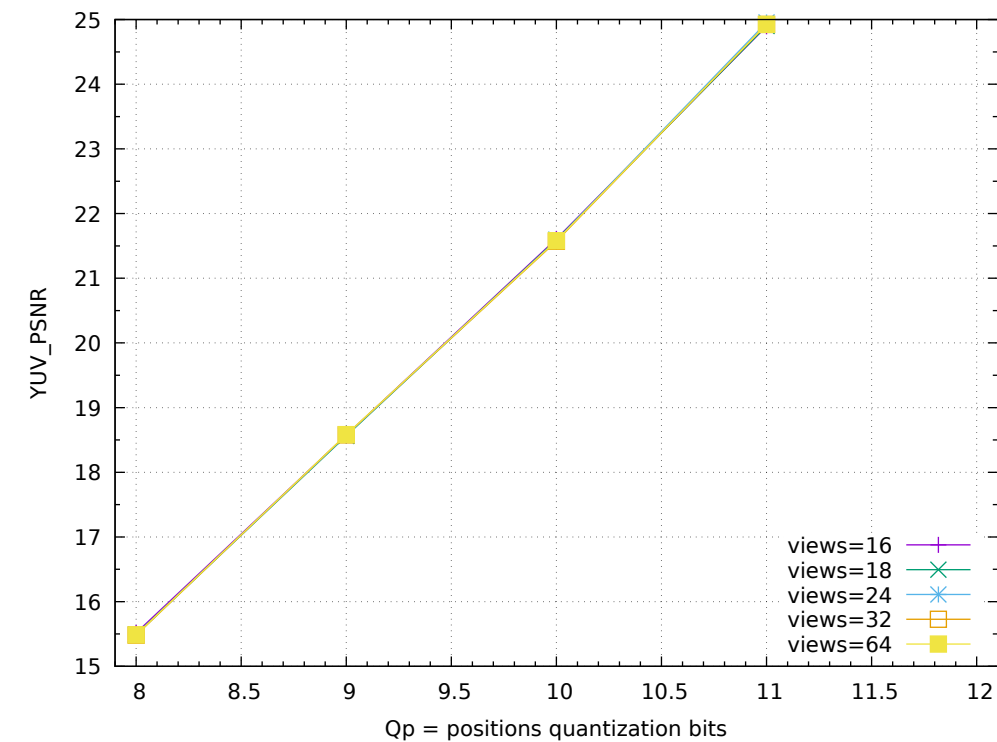
sw_raster res=512



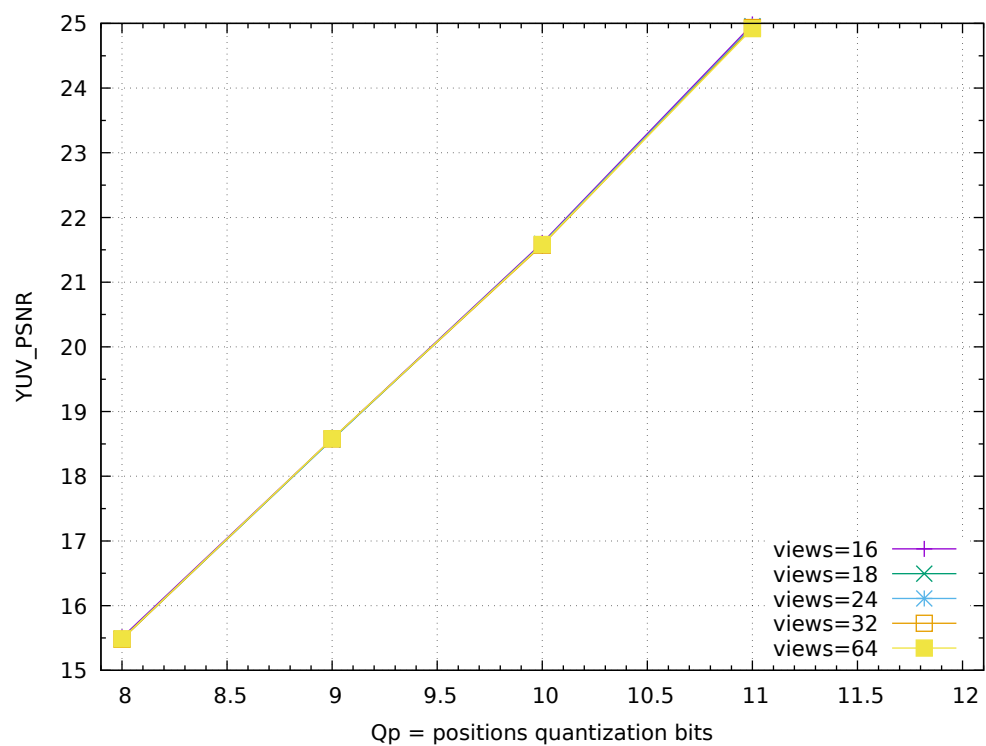
sw_raster res=1024



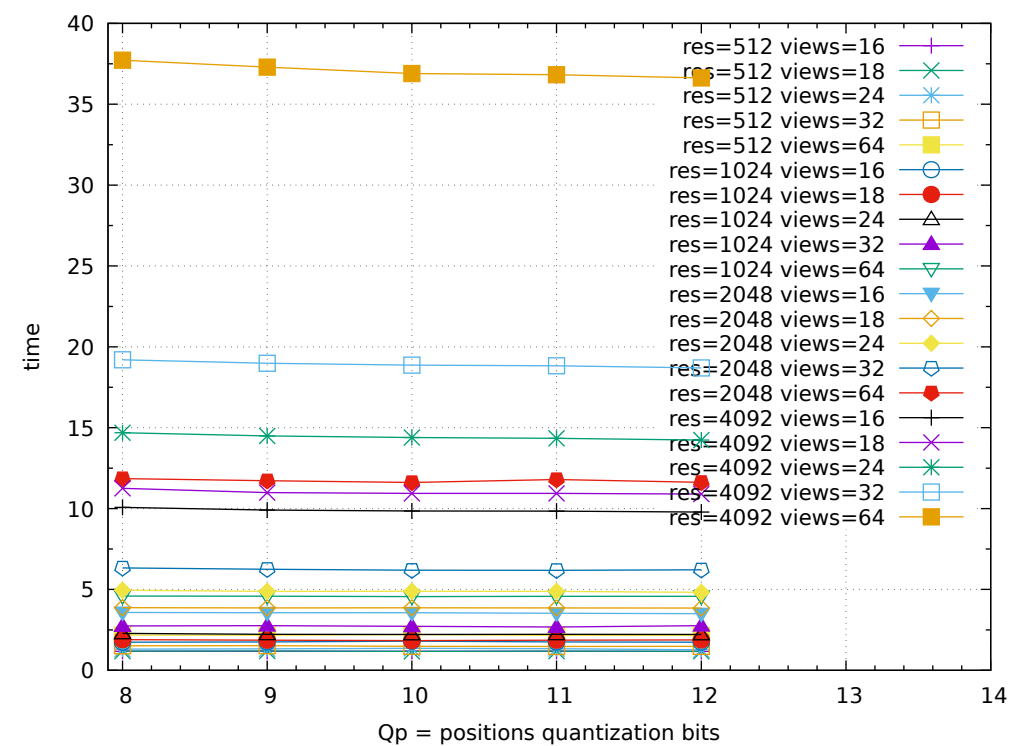
sw_raster res=2048



sw_raster res=4092

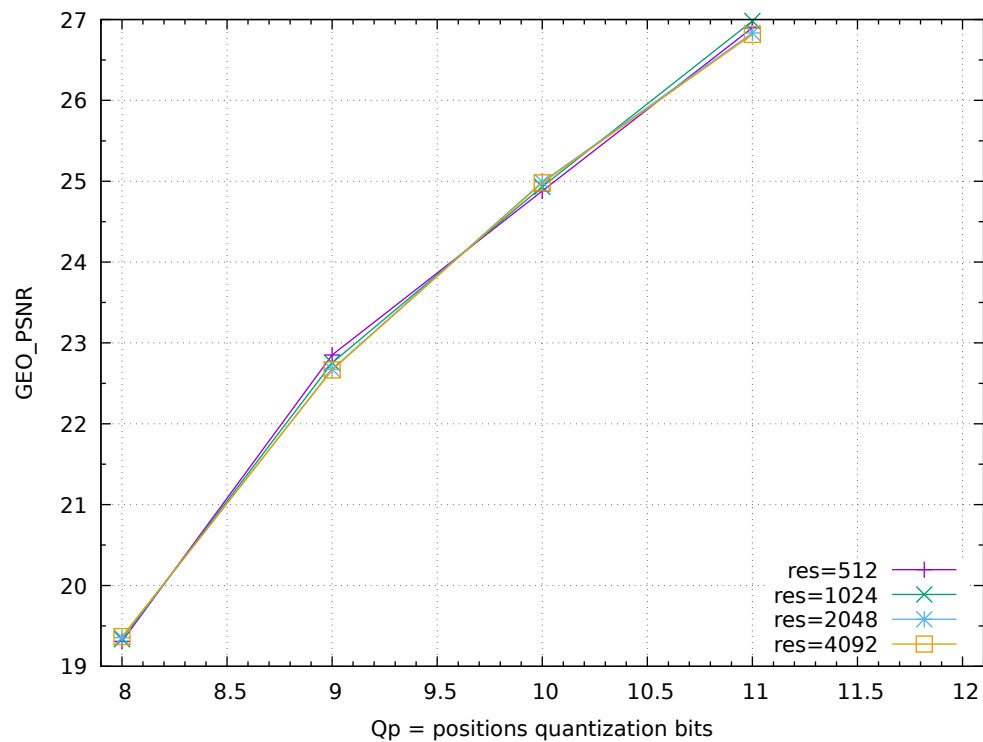


sw_raster

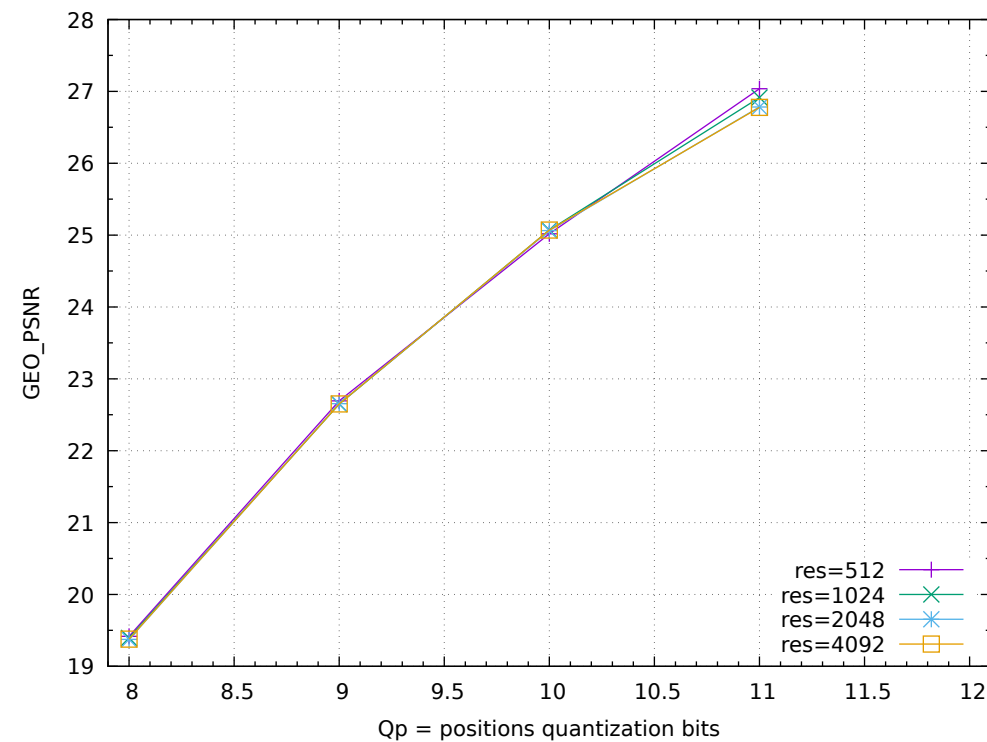


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - frederick_fr0051

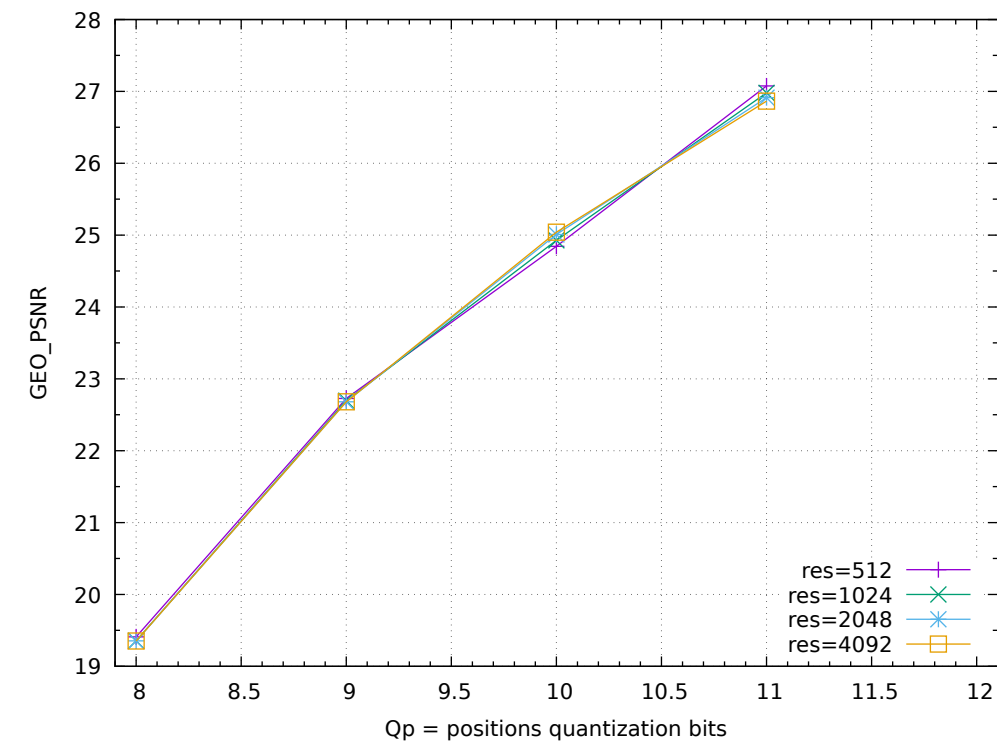
sw_raster views=16



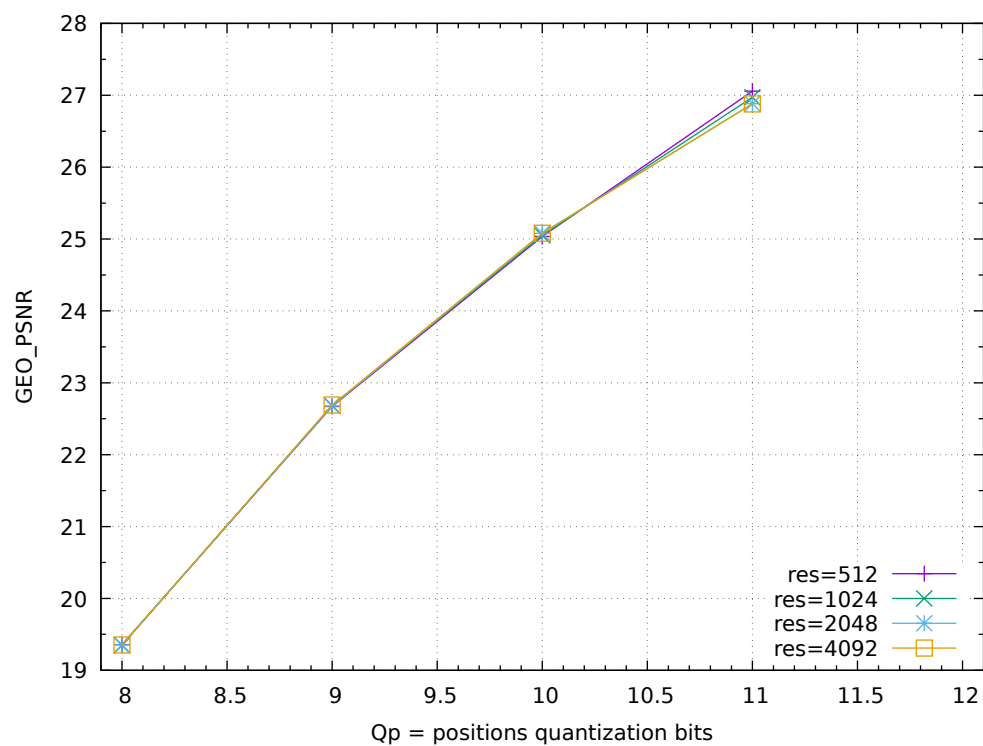
sw_raster views=18



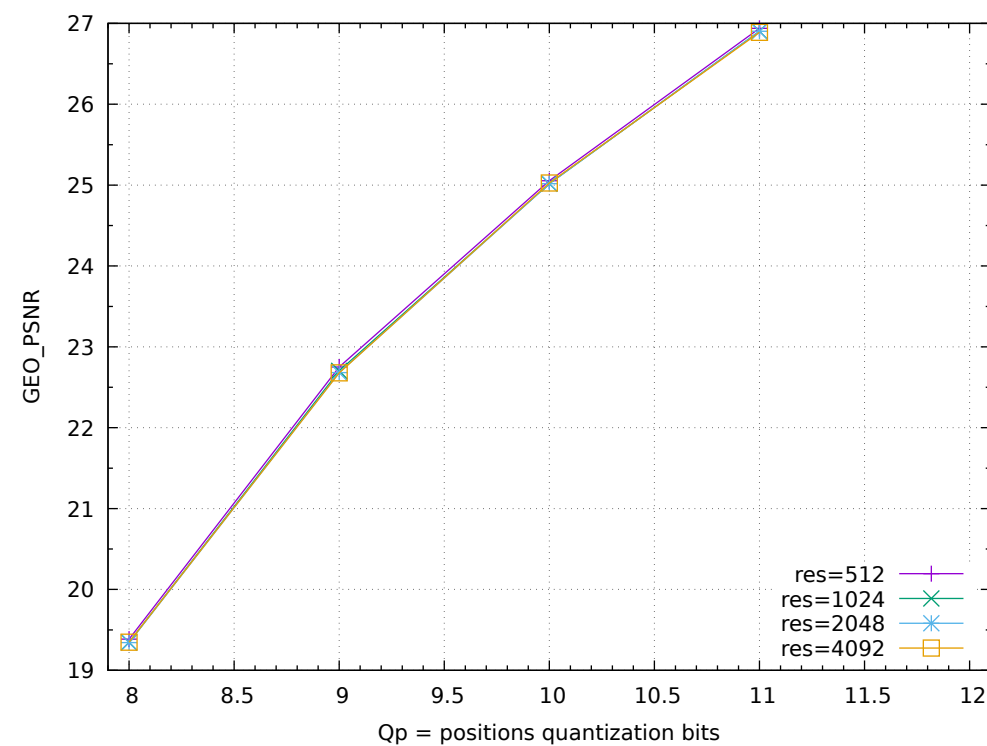
sw_raster views=24



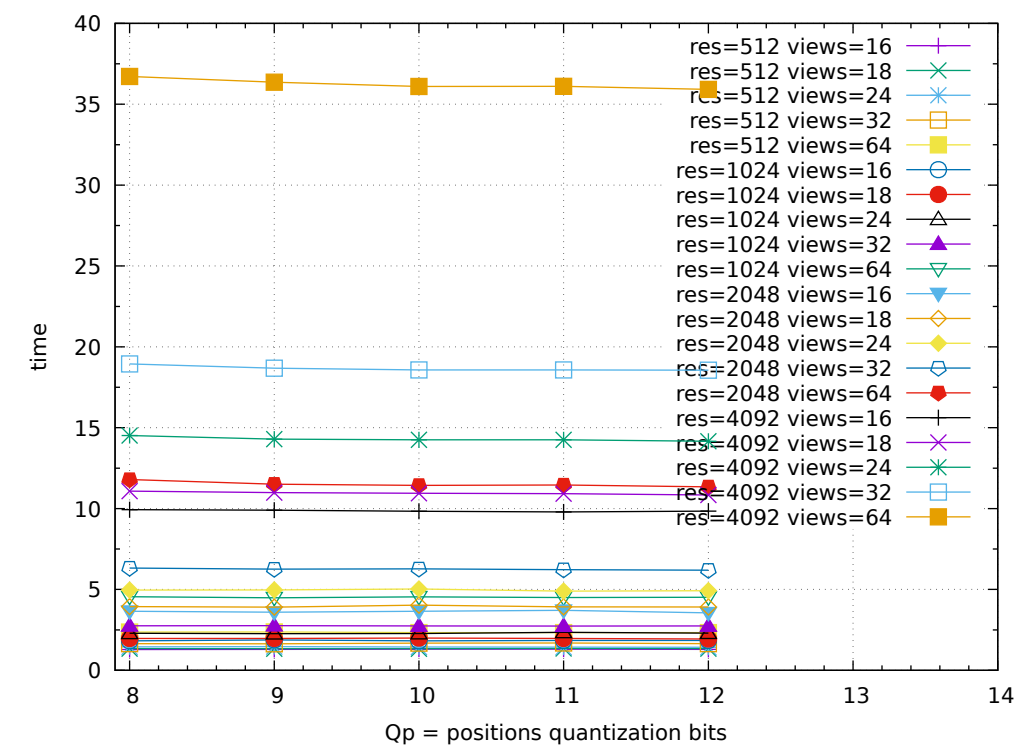
sw_raster views=32



sw_raster views=64

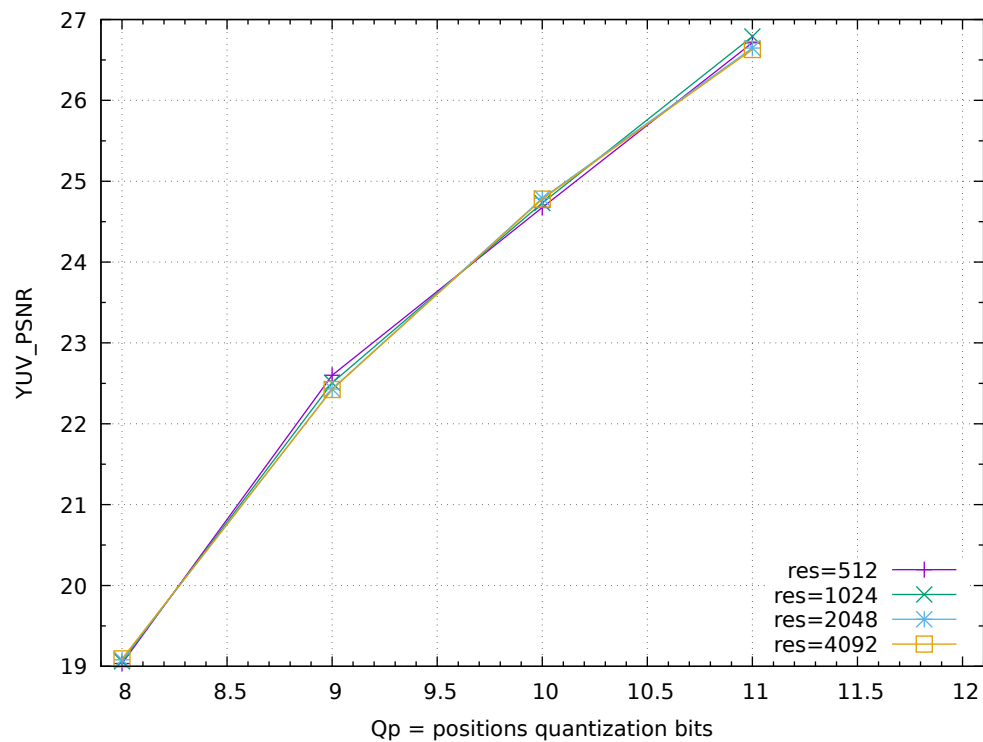


sw_raster

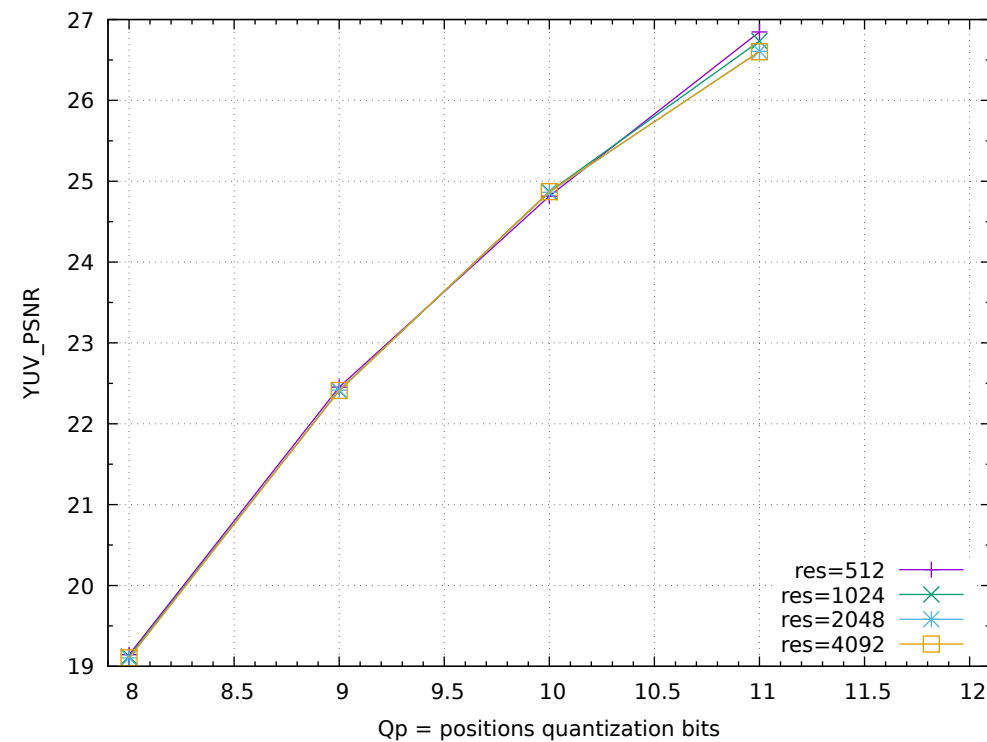


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - frederick_fr0051

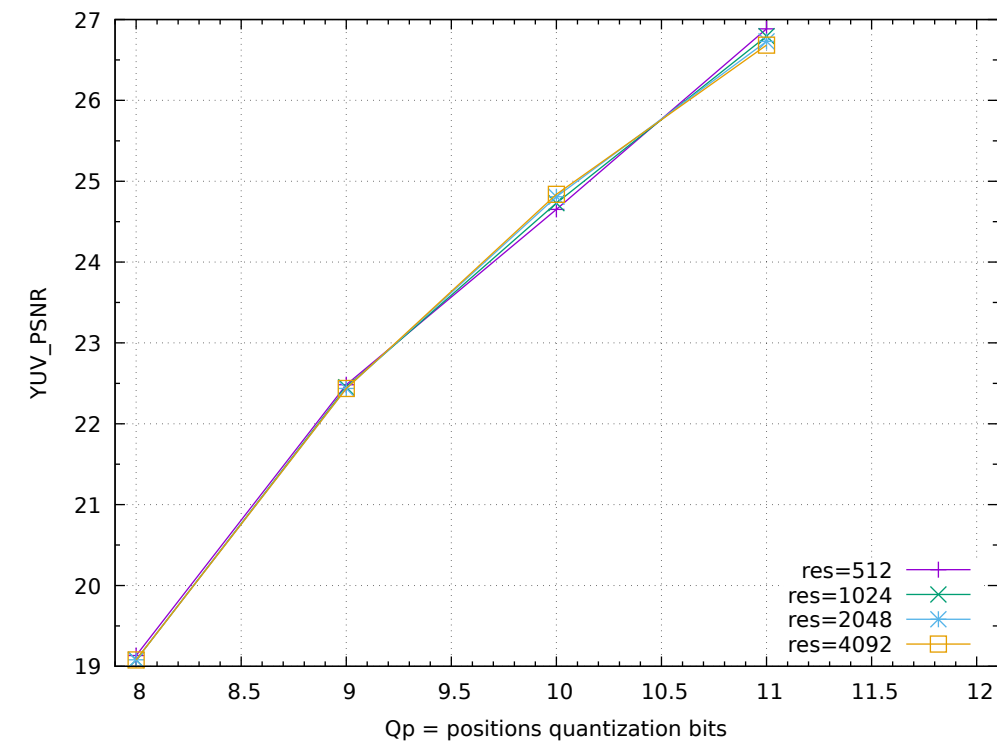
sw_raster views=16



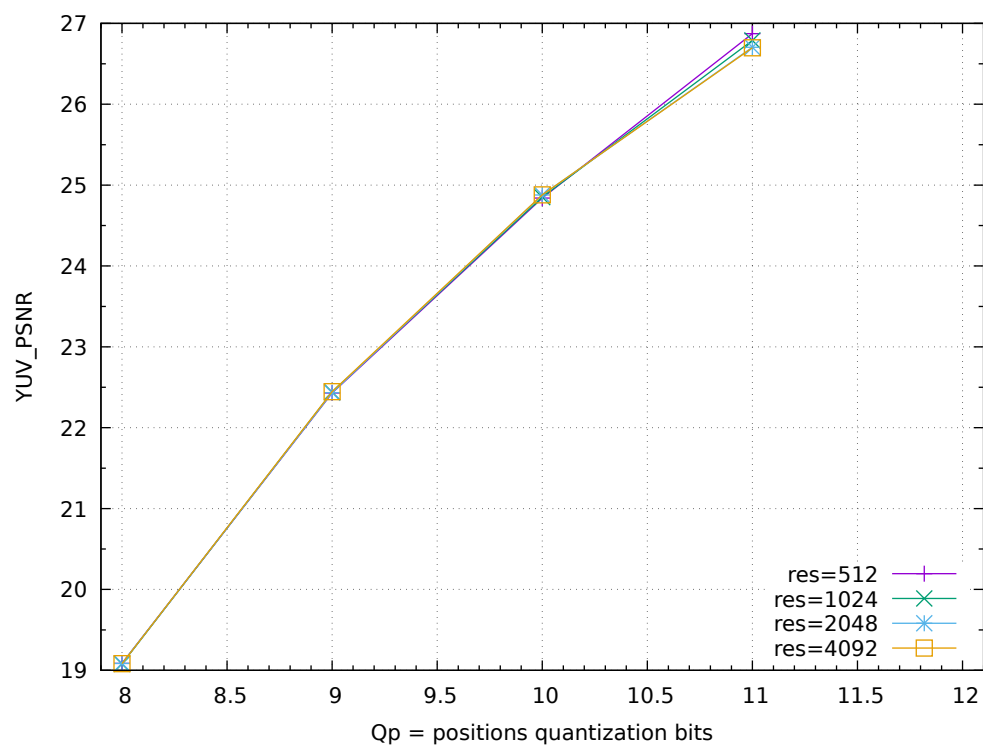
sw_raster views=18



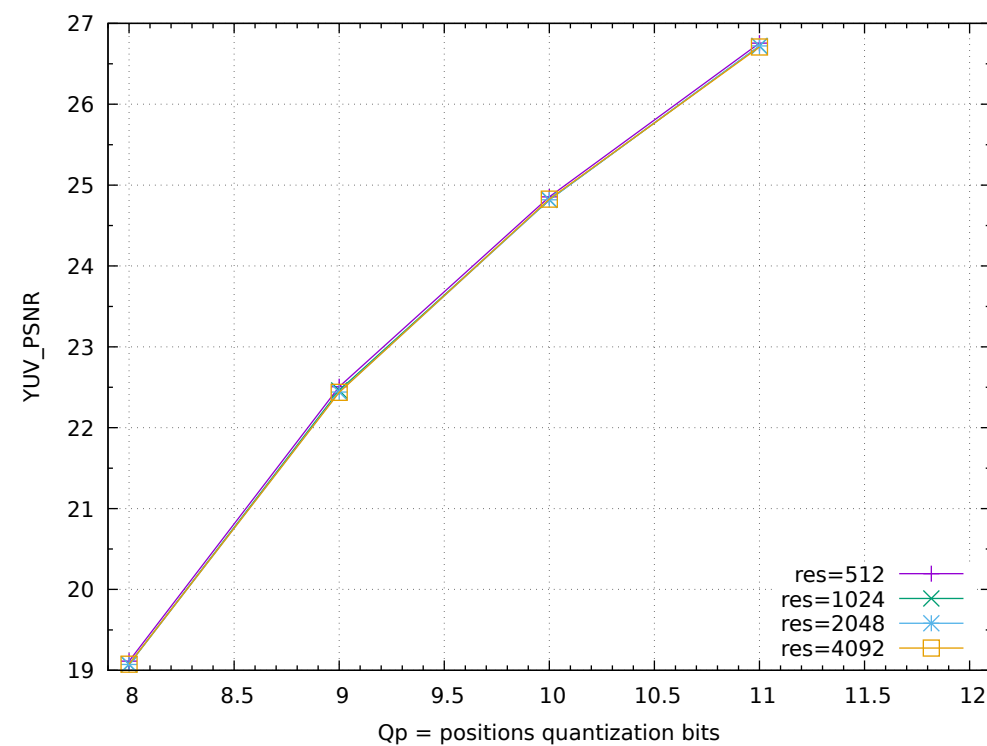
sw_raster views=24



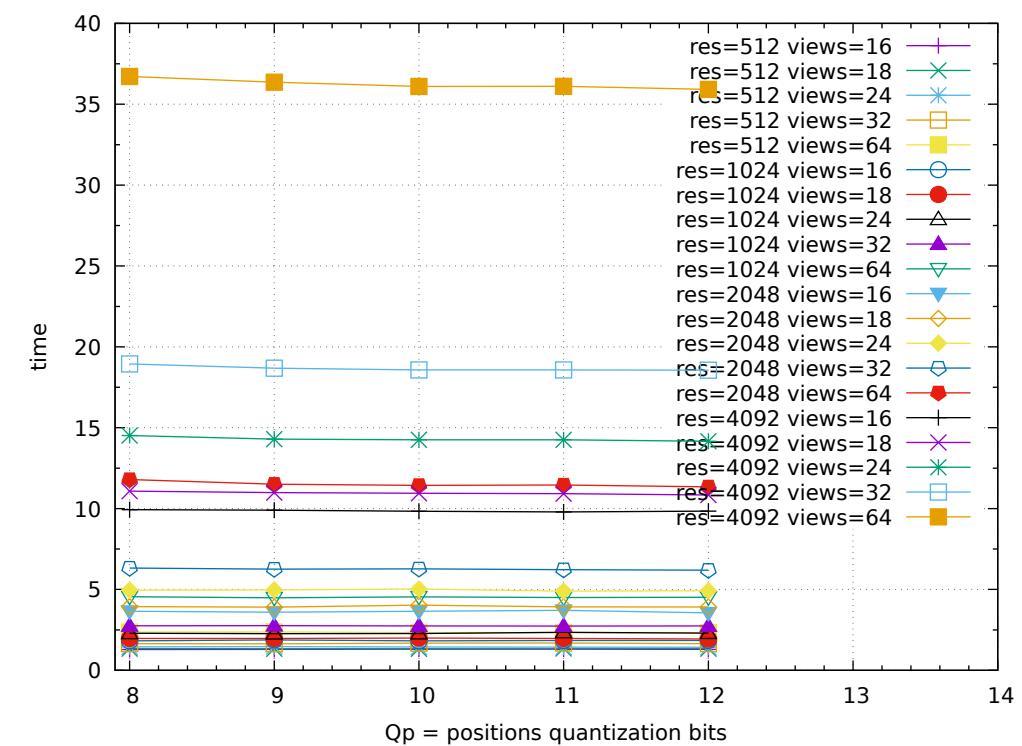
sw_raster views=32



sw_raster views=64

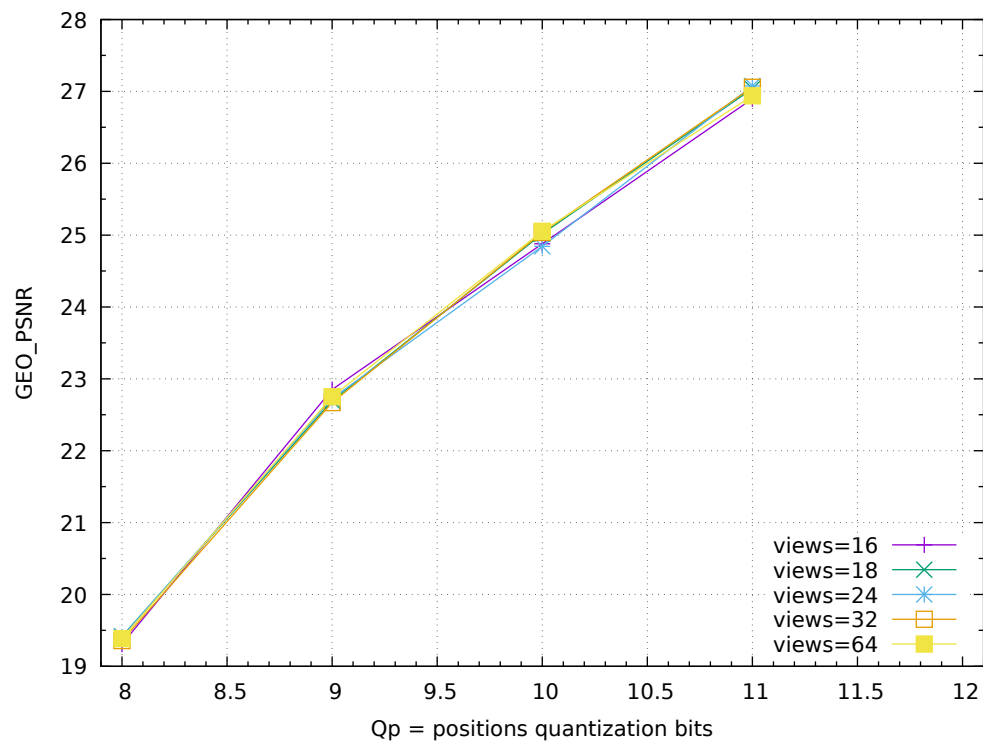


sw_raster

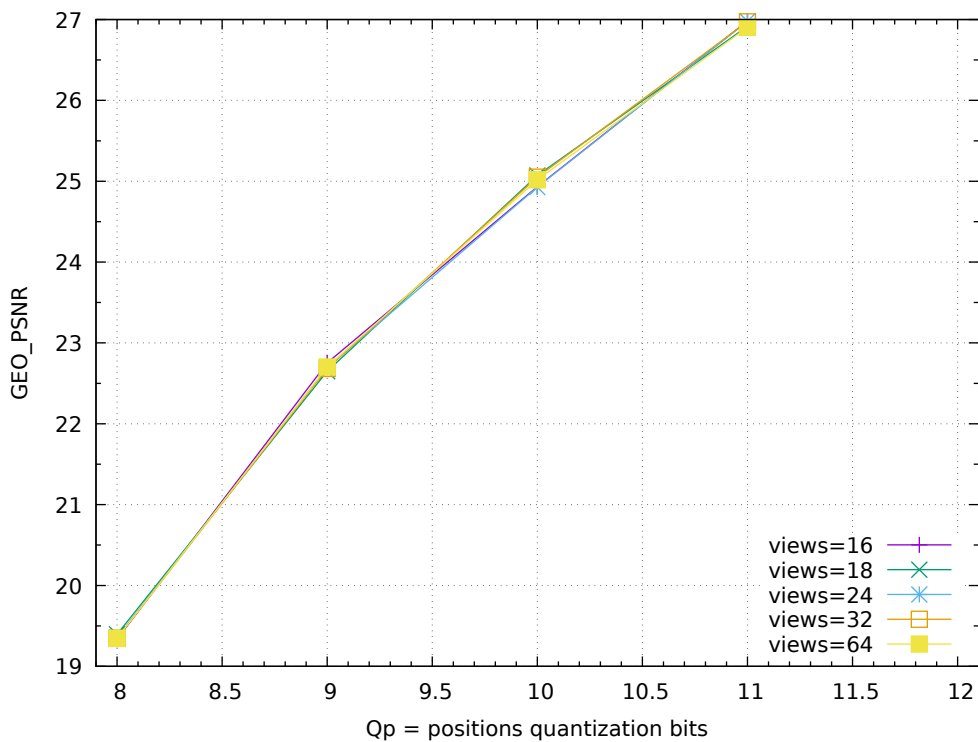


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - frederick_fr0051

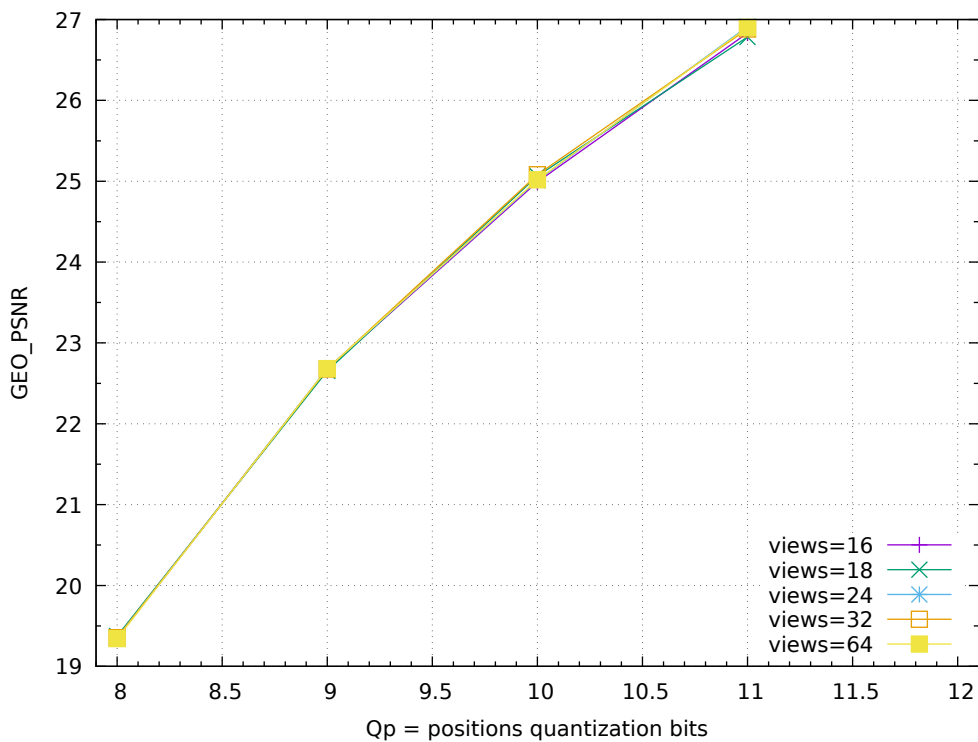
sw_raster res=512



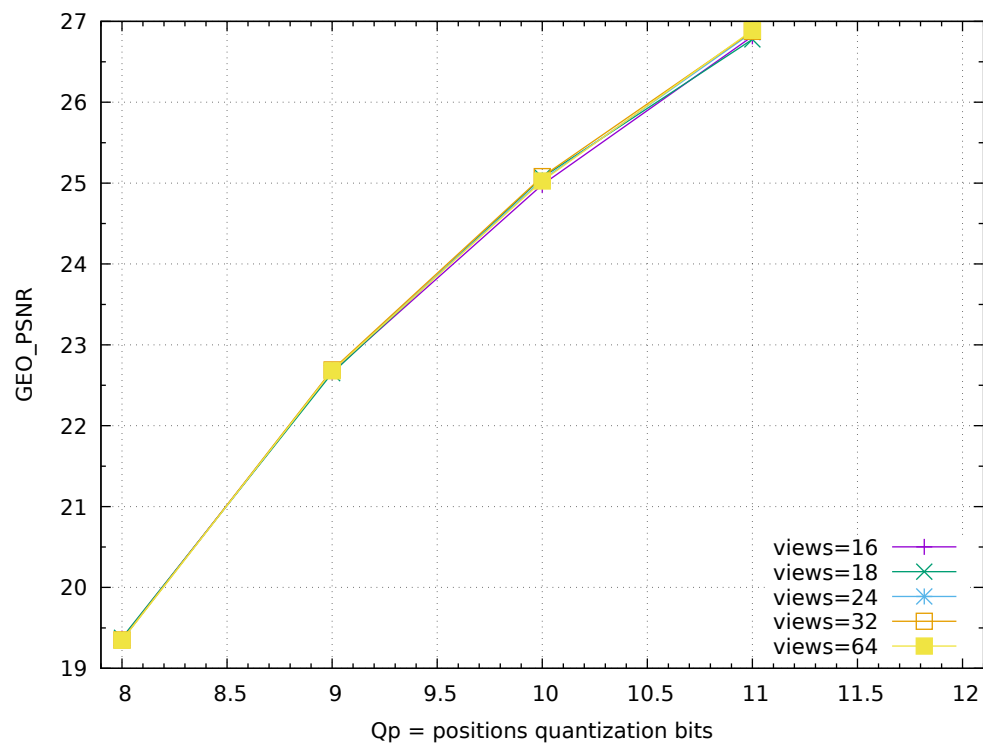
sw_raster res=1024



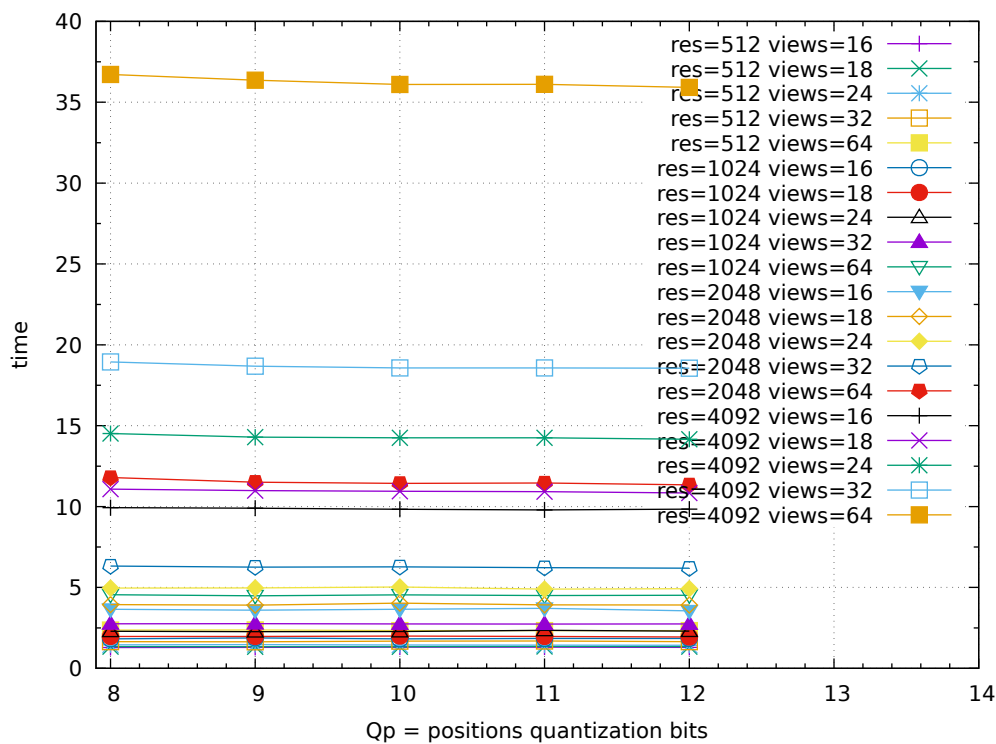
sw_raster res=2048



sw_raster res=4092

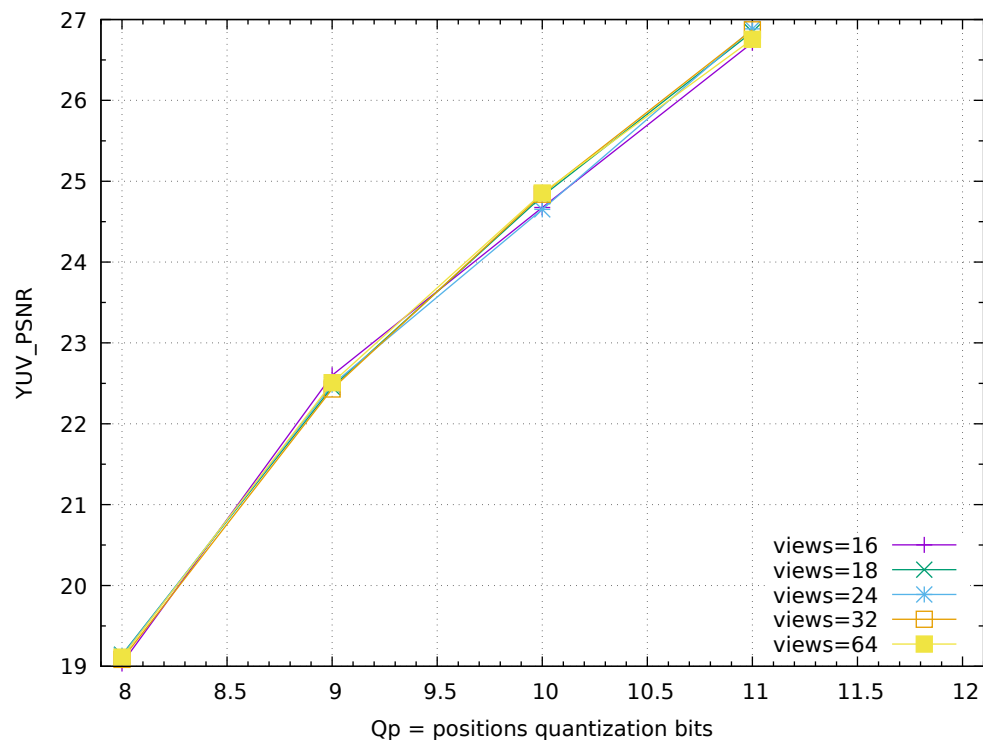


sw_raster

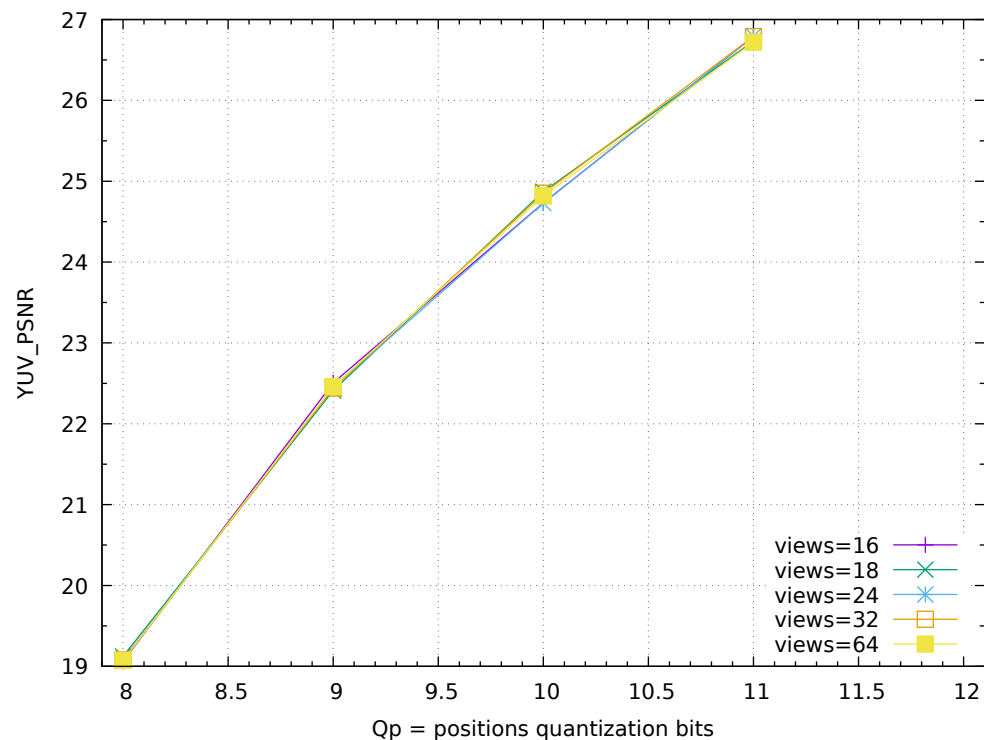


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - frederick_fr0051

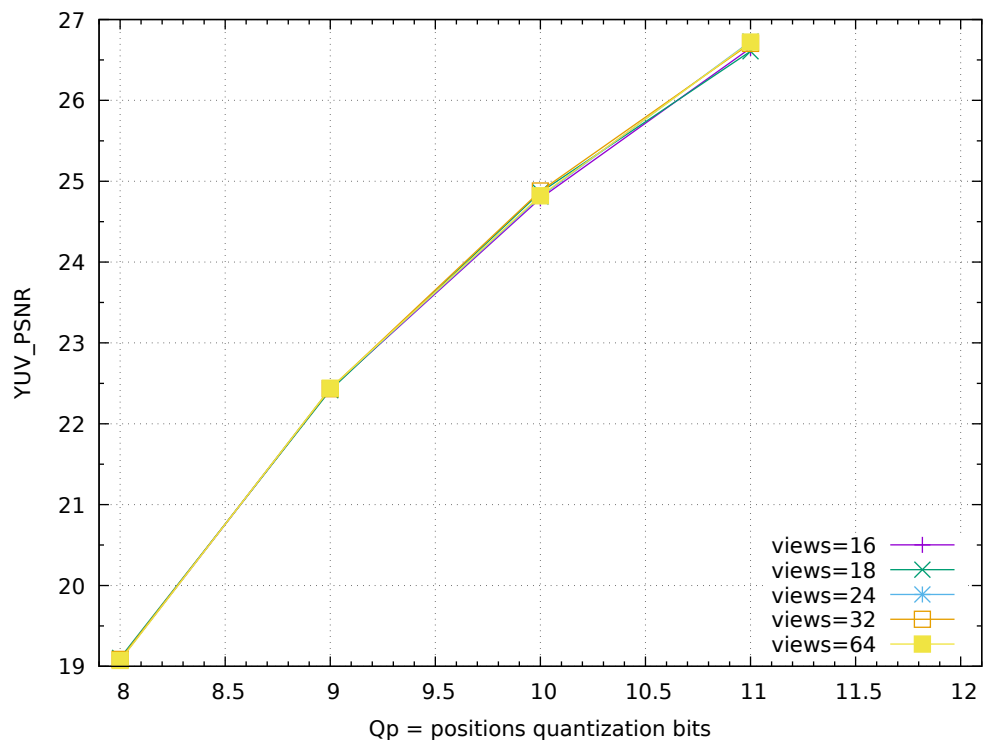
sw_raster res=512



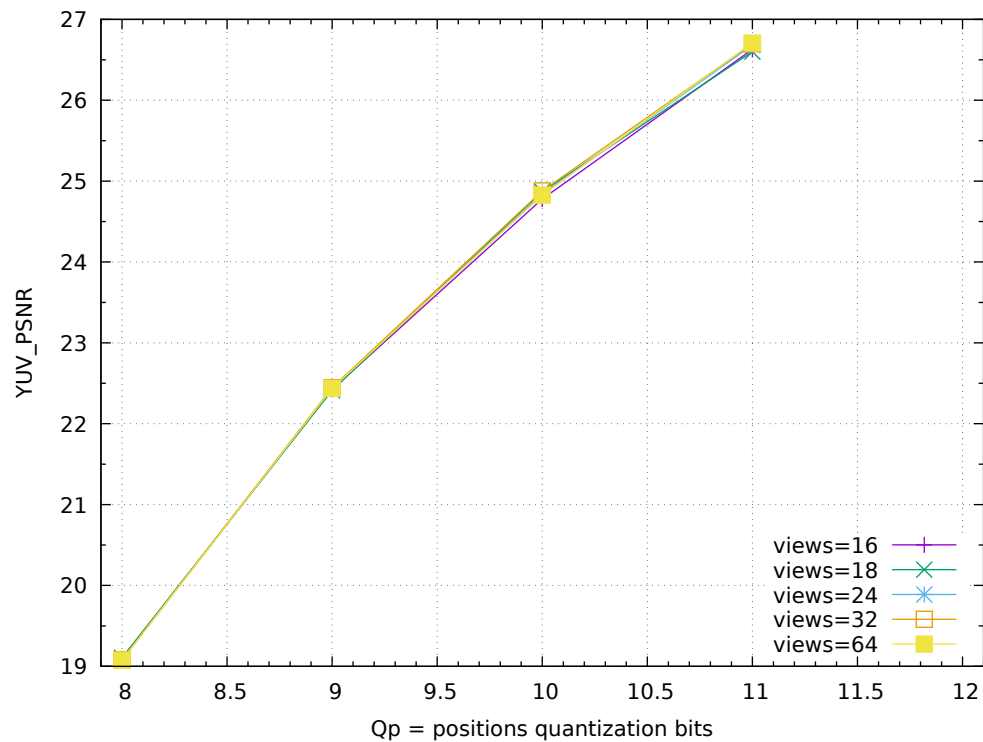
sw_raster res=1024



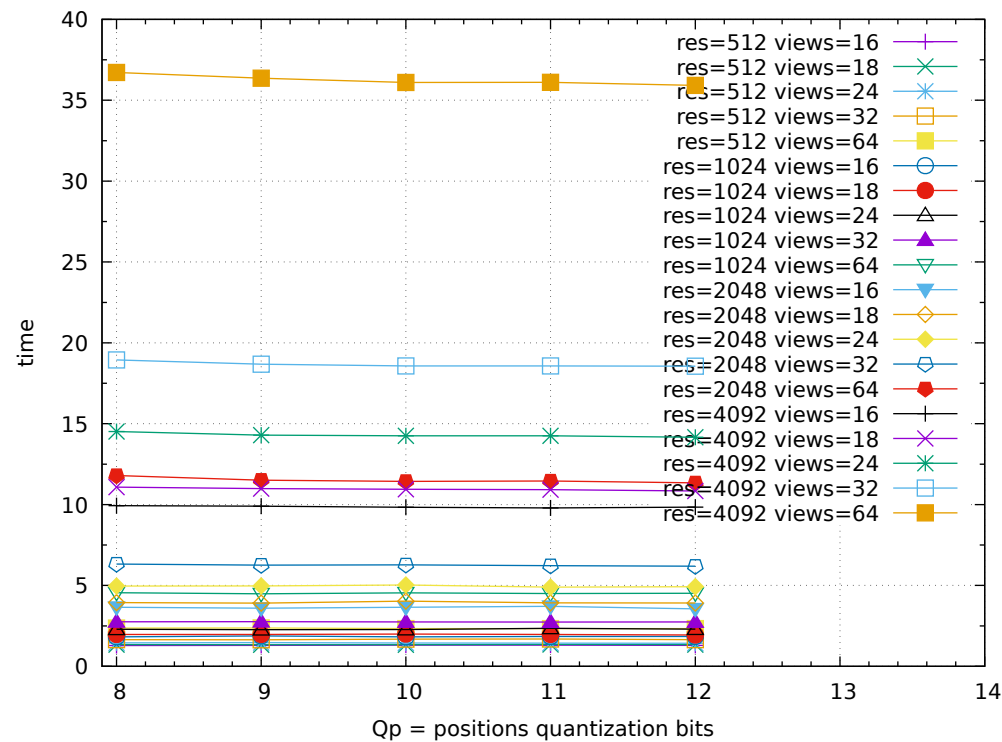
sw_raster res=2048



sw_raster res=4092

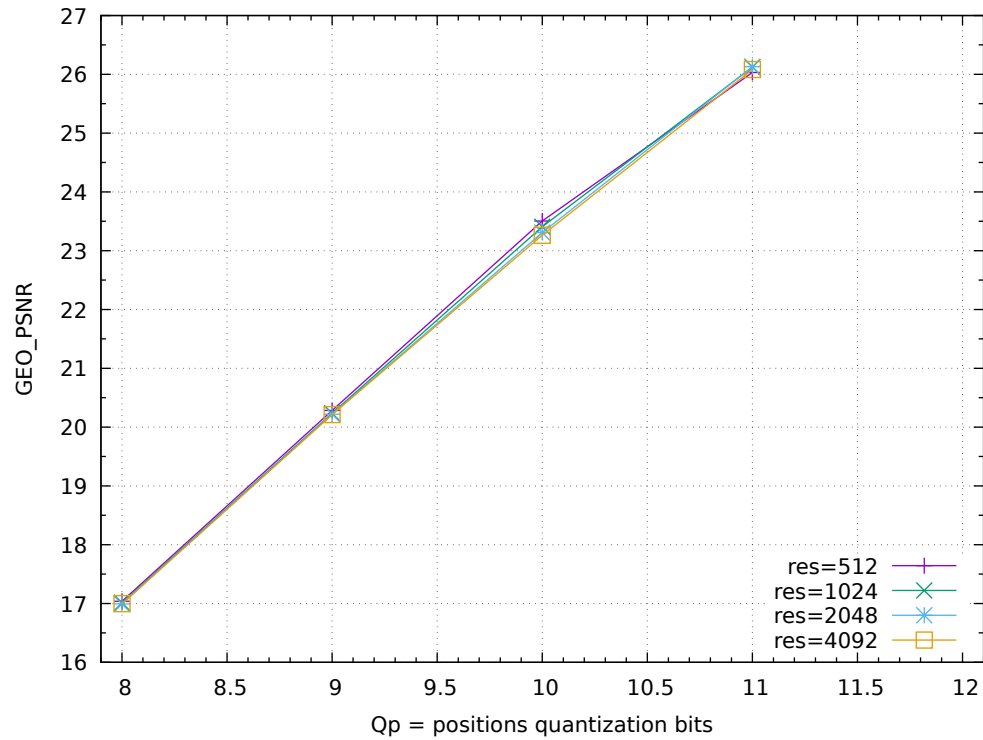


sw_raster

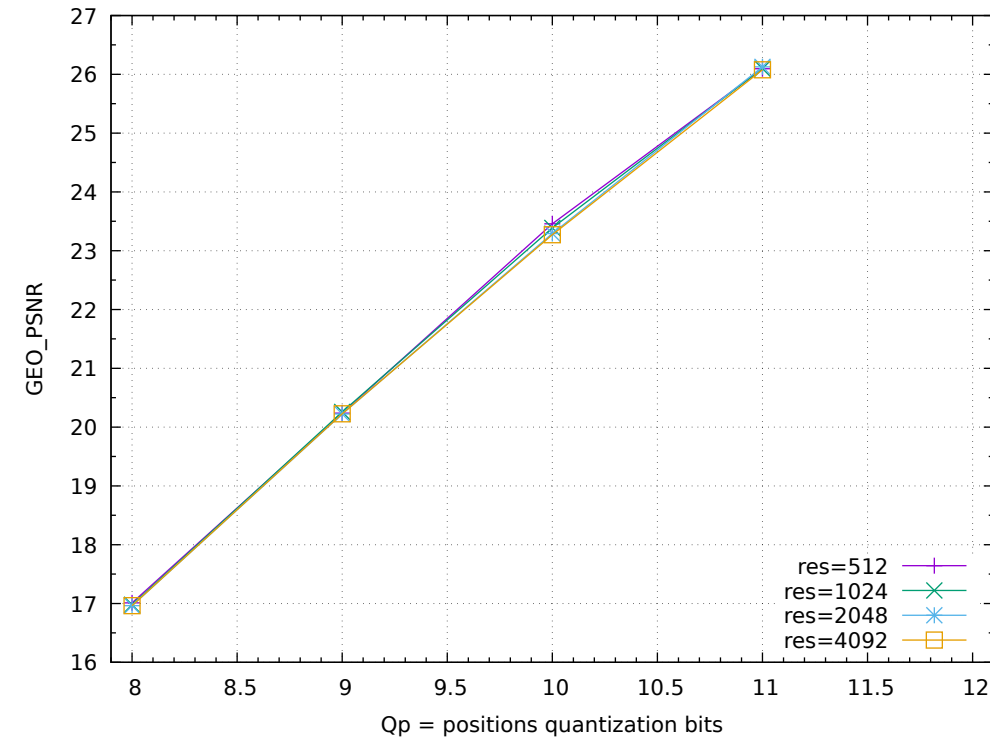


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - levi_fr0000

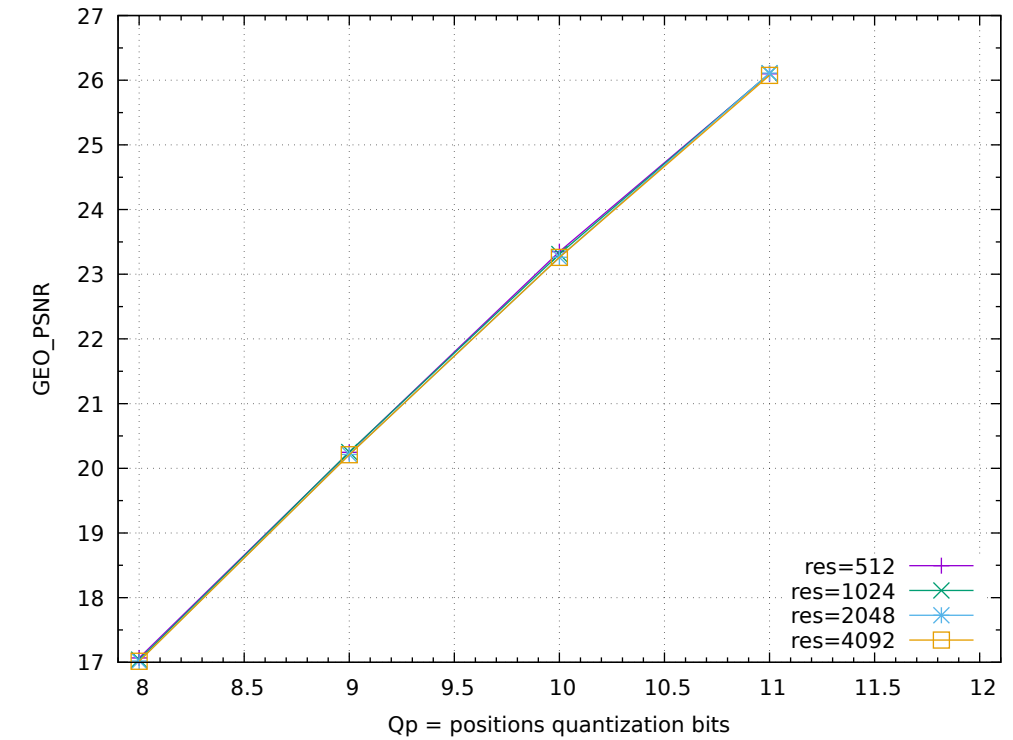
sw_raster views=16



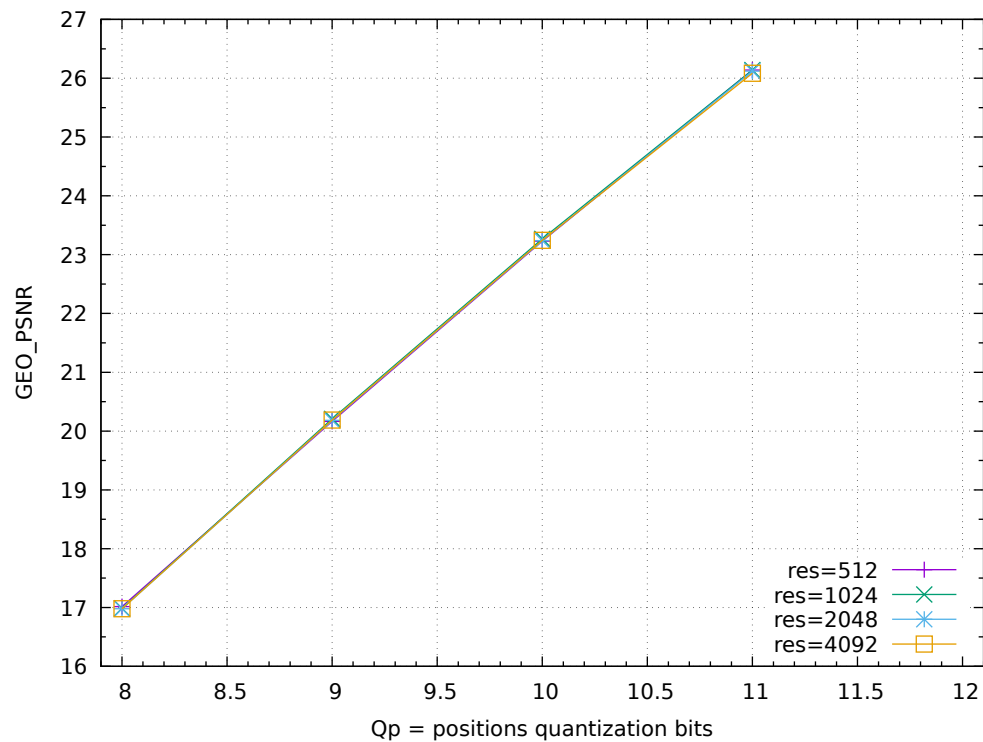
sw_raster views=18



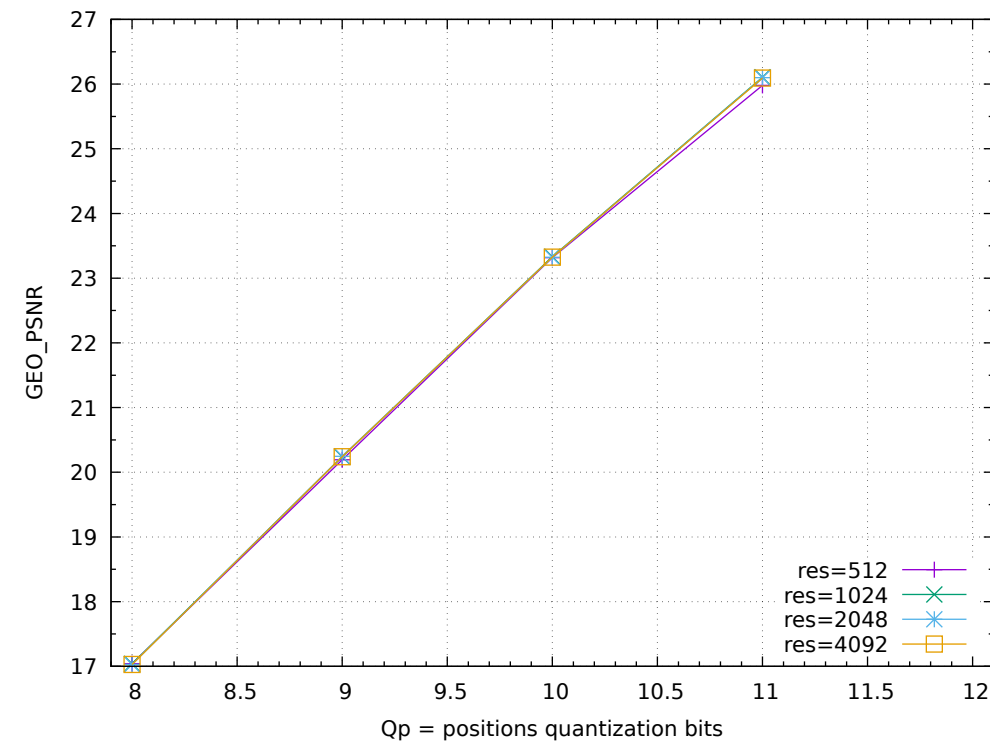
sw_raster views=24



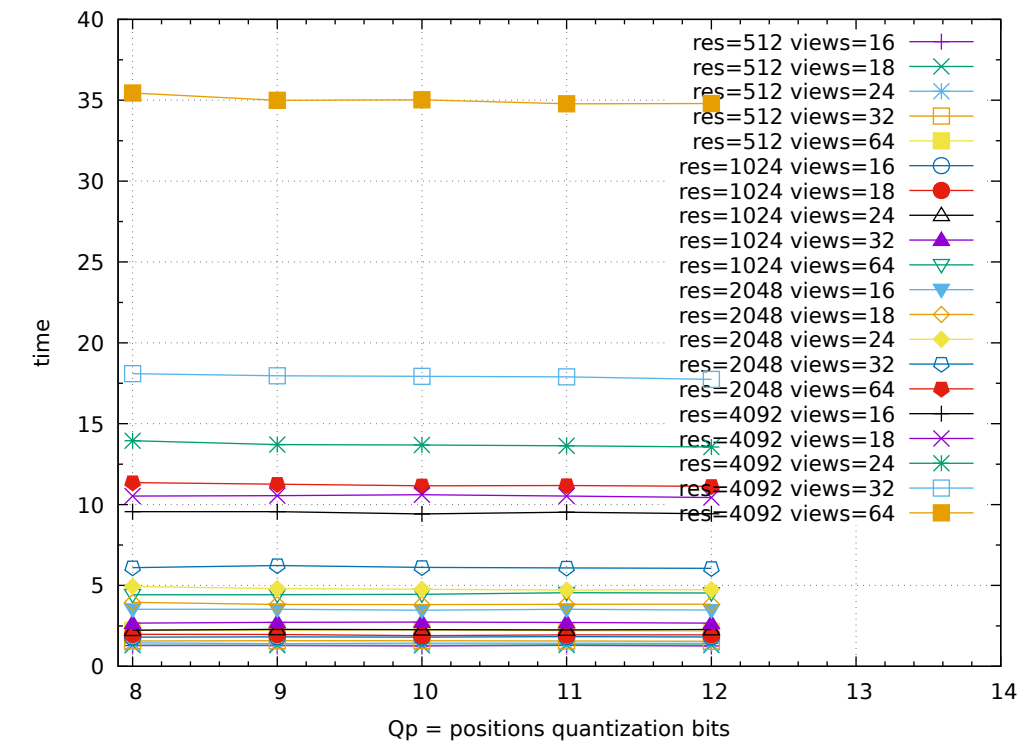
sw_raster views=32



sw_raster views=64

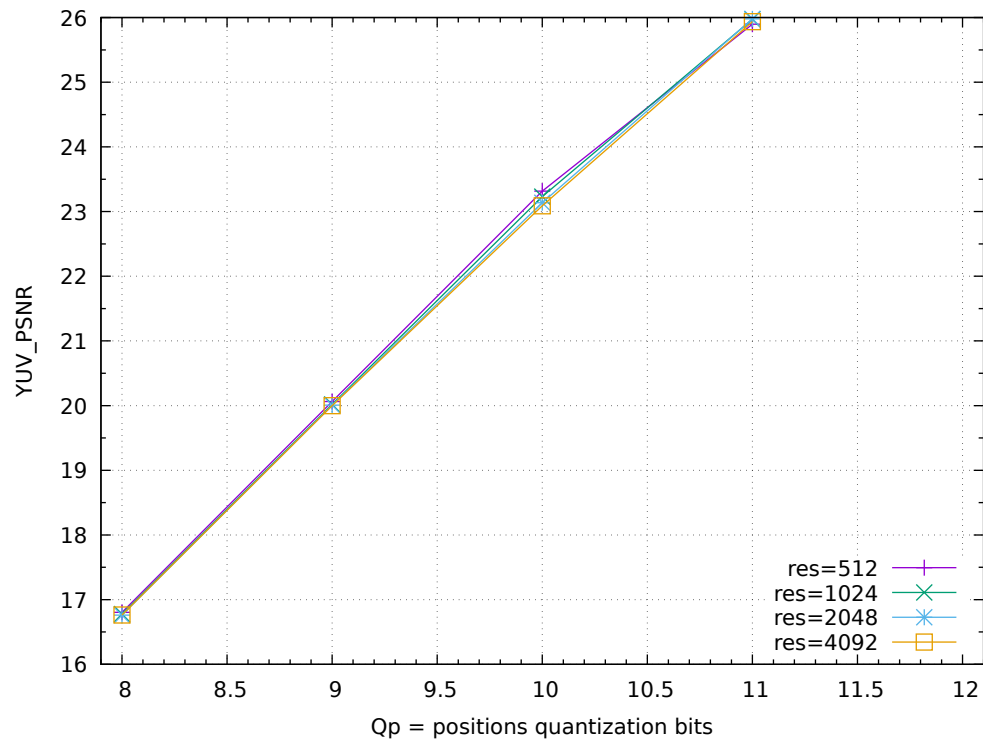


sw_raster

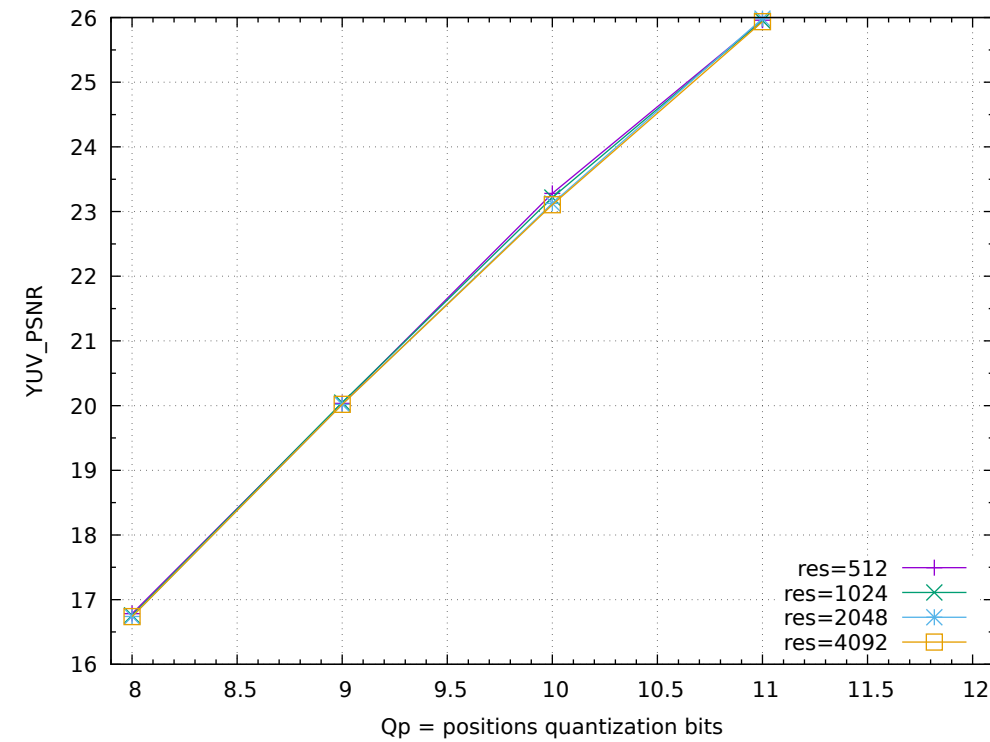


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - levi_fr0000

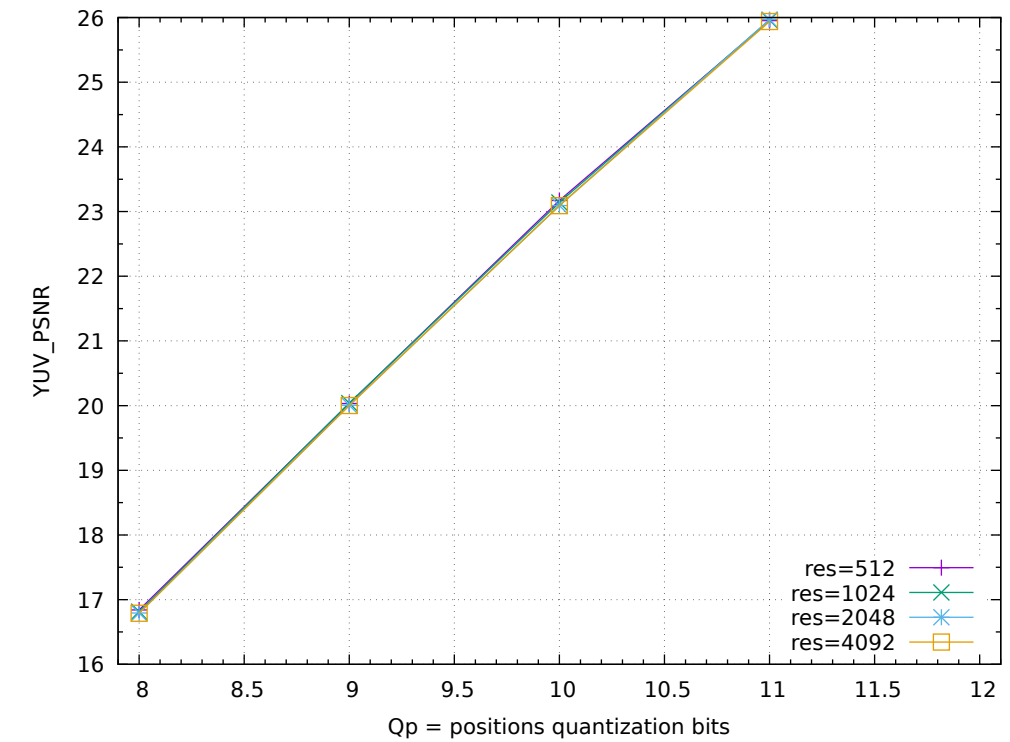
sw_raster views=16



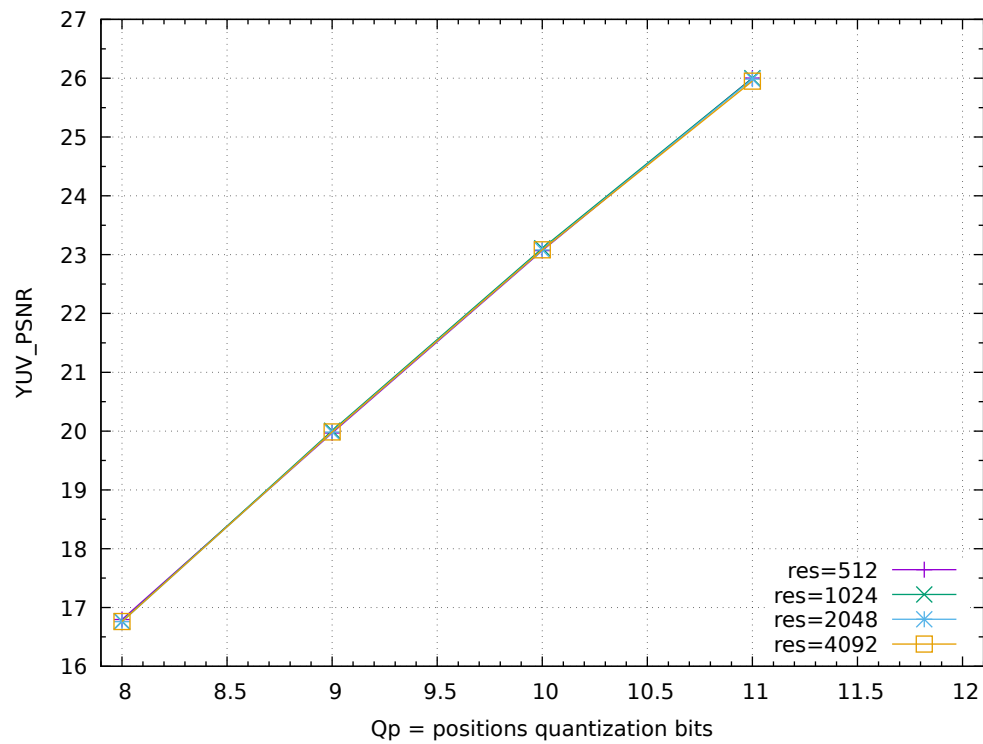
sw_raster views=18



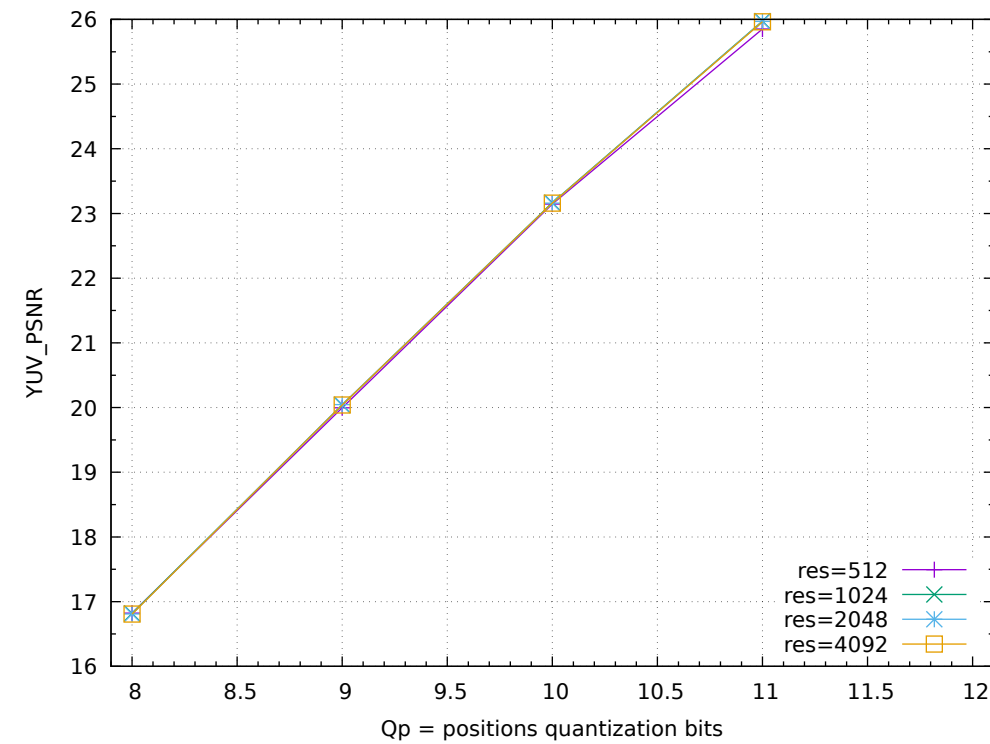
sw_raster views=24



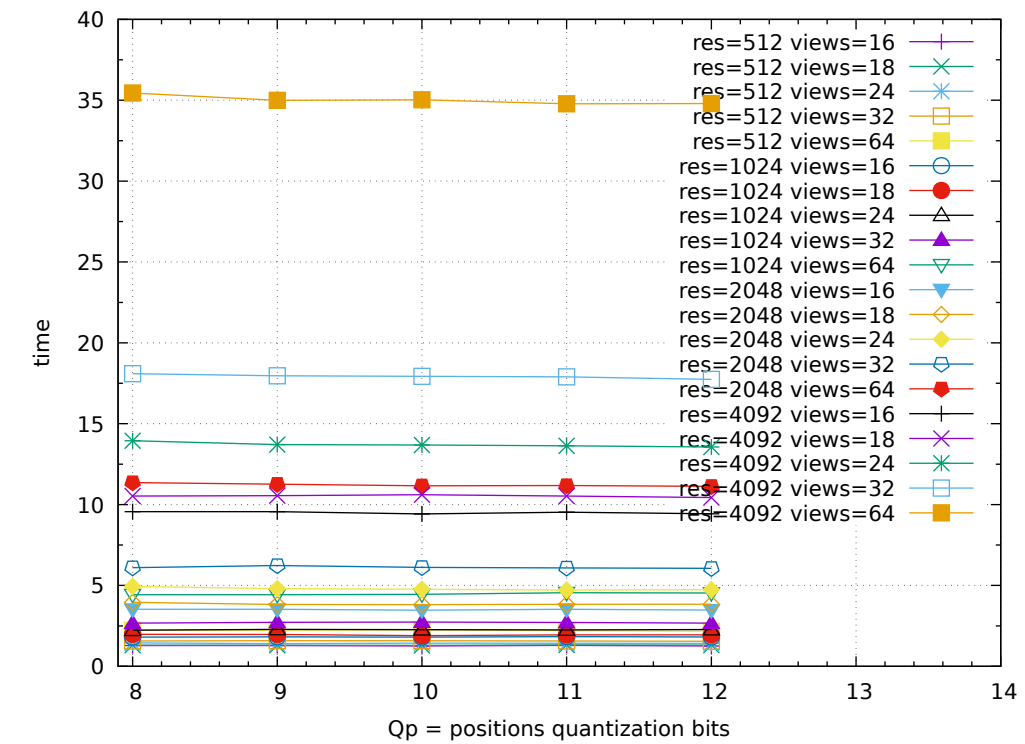
sw_raster views=32



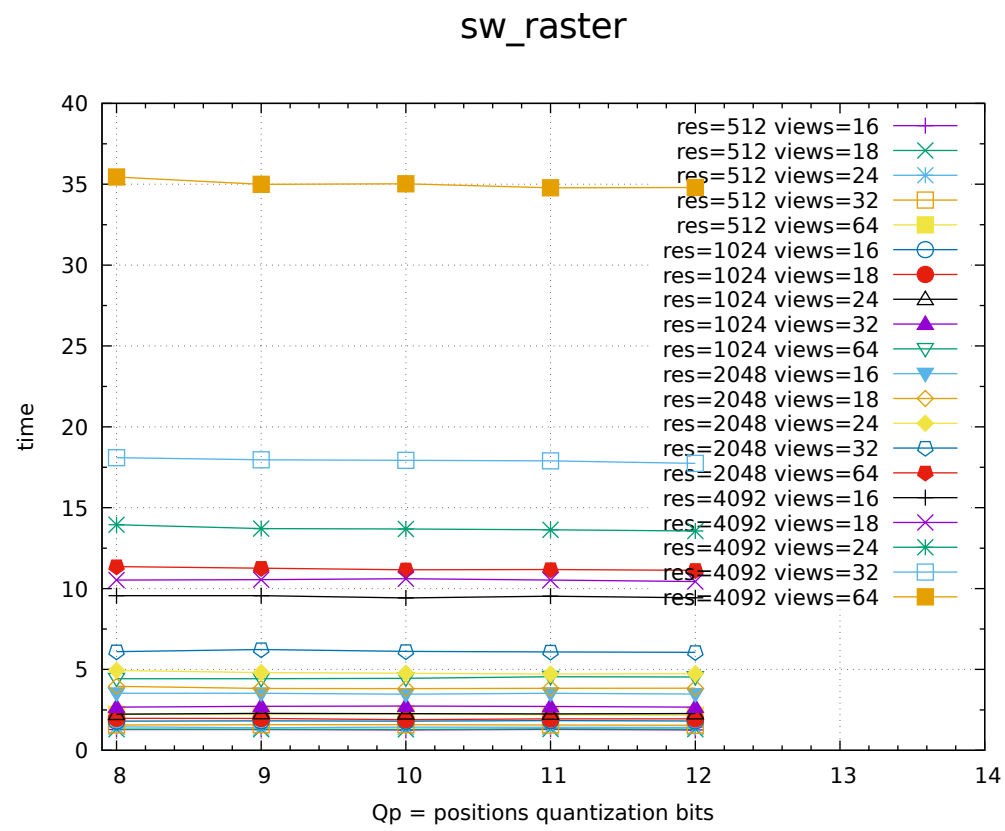
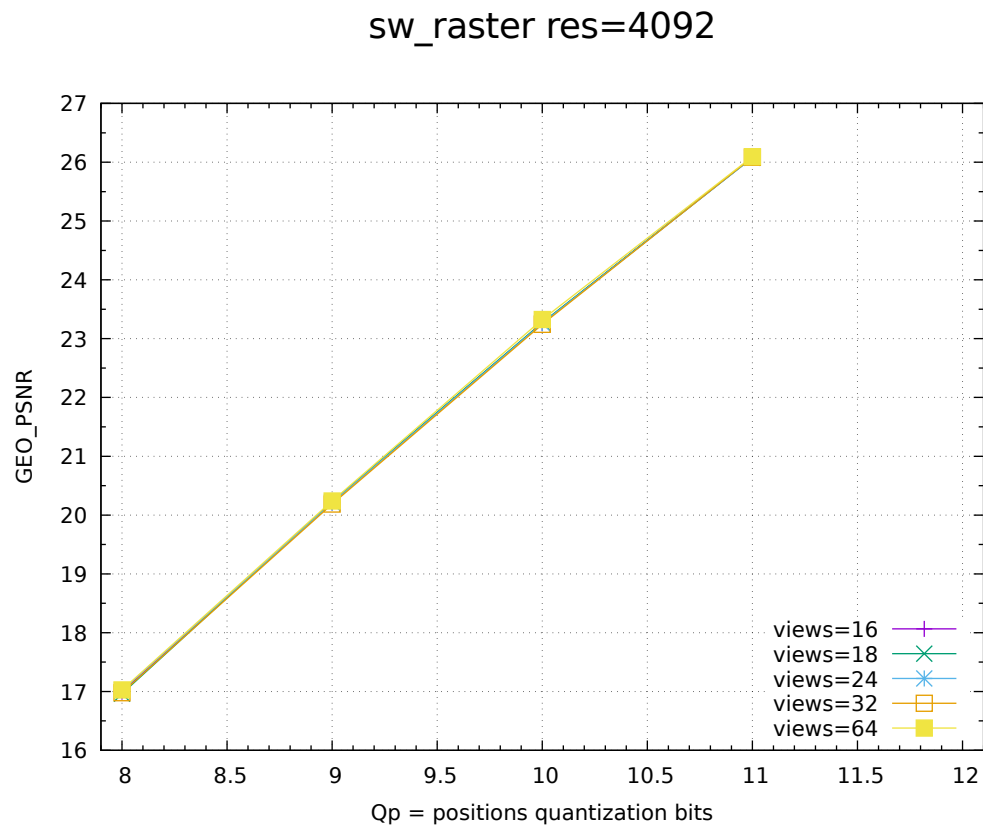
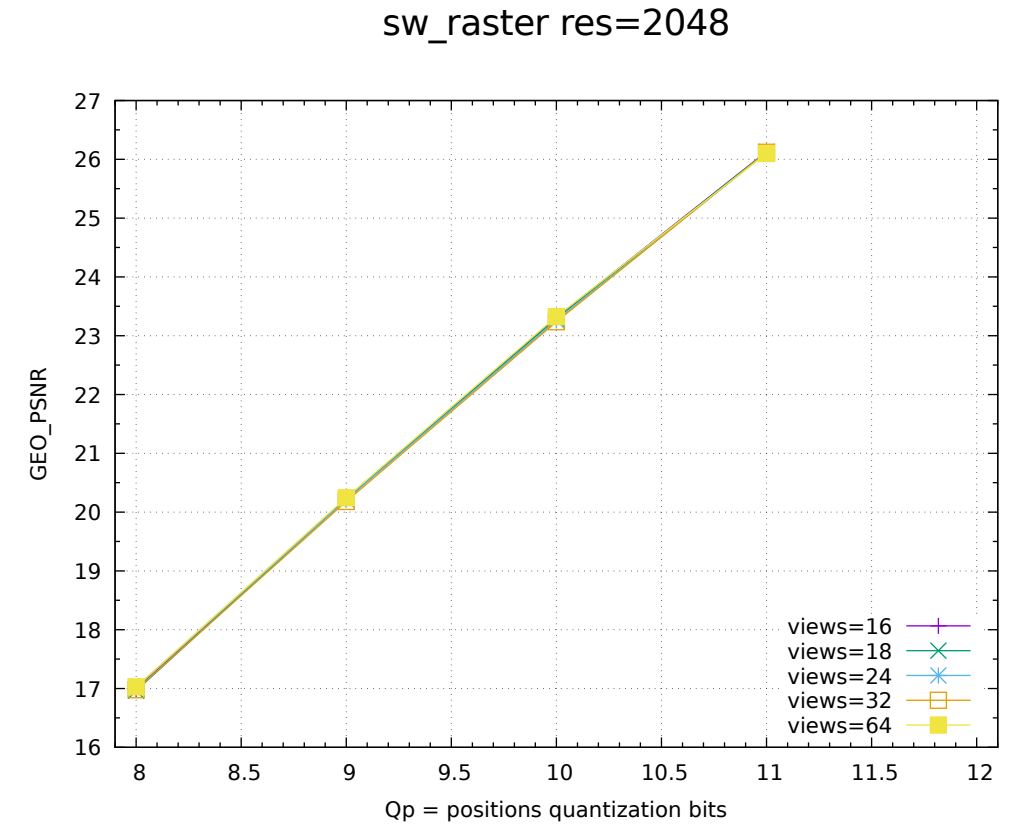
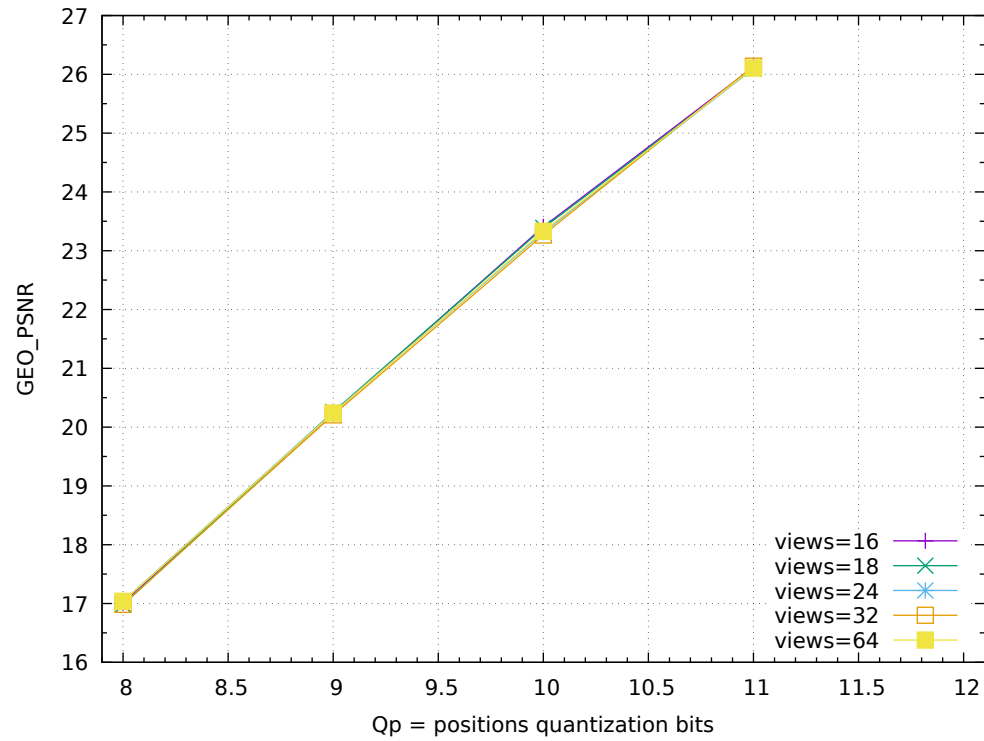
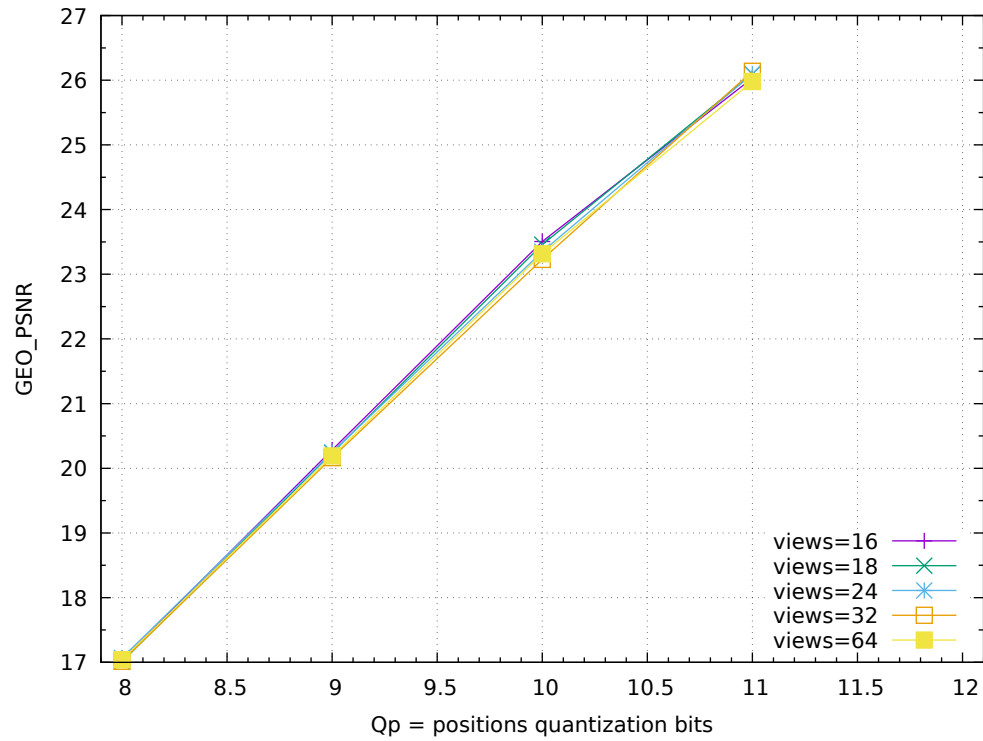
sw_raster views=64



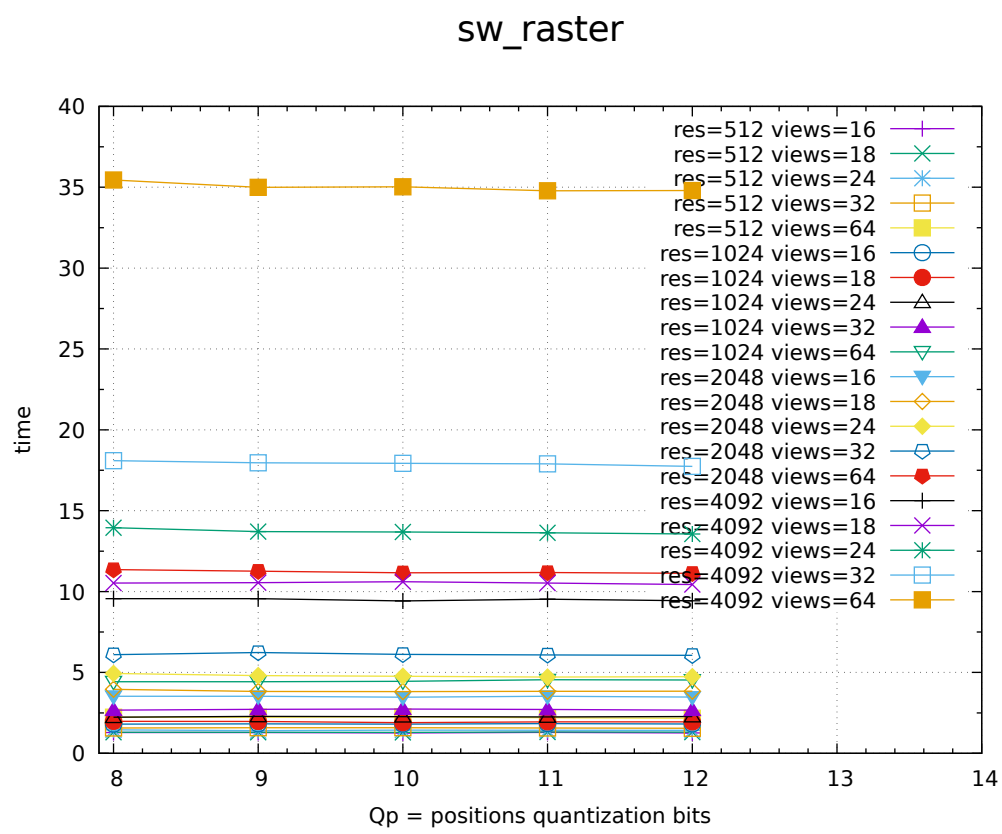
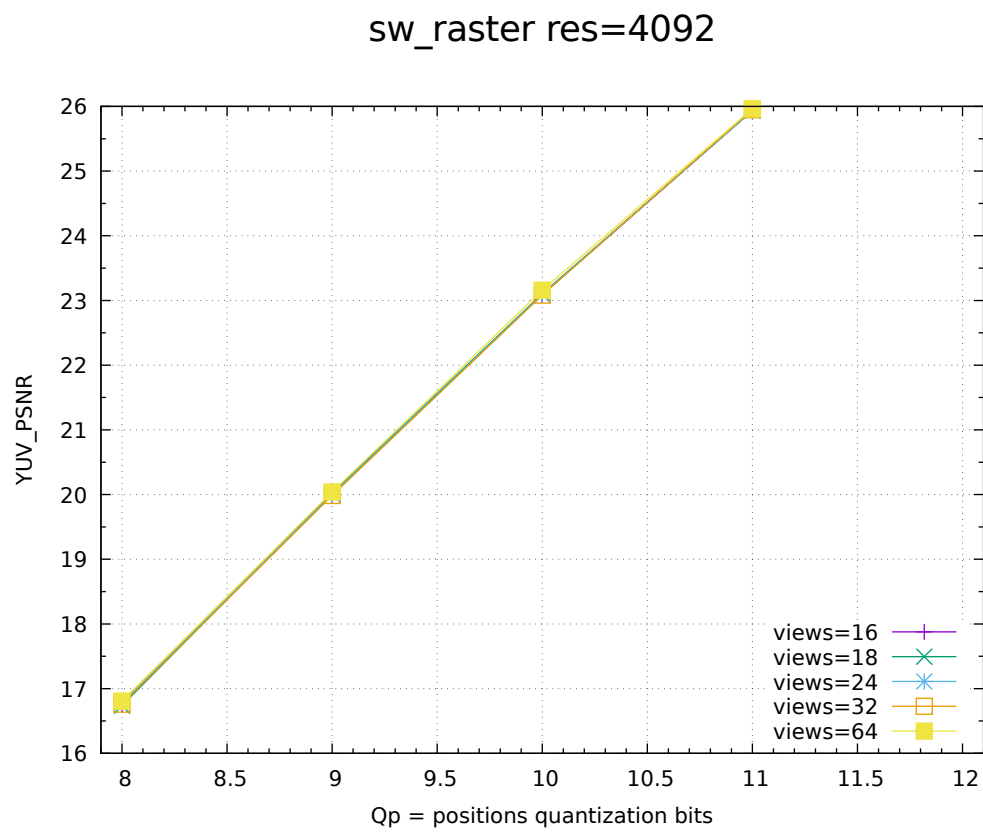
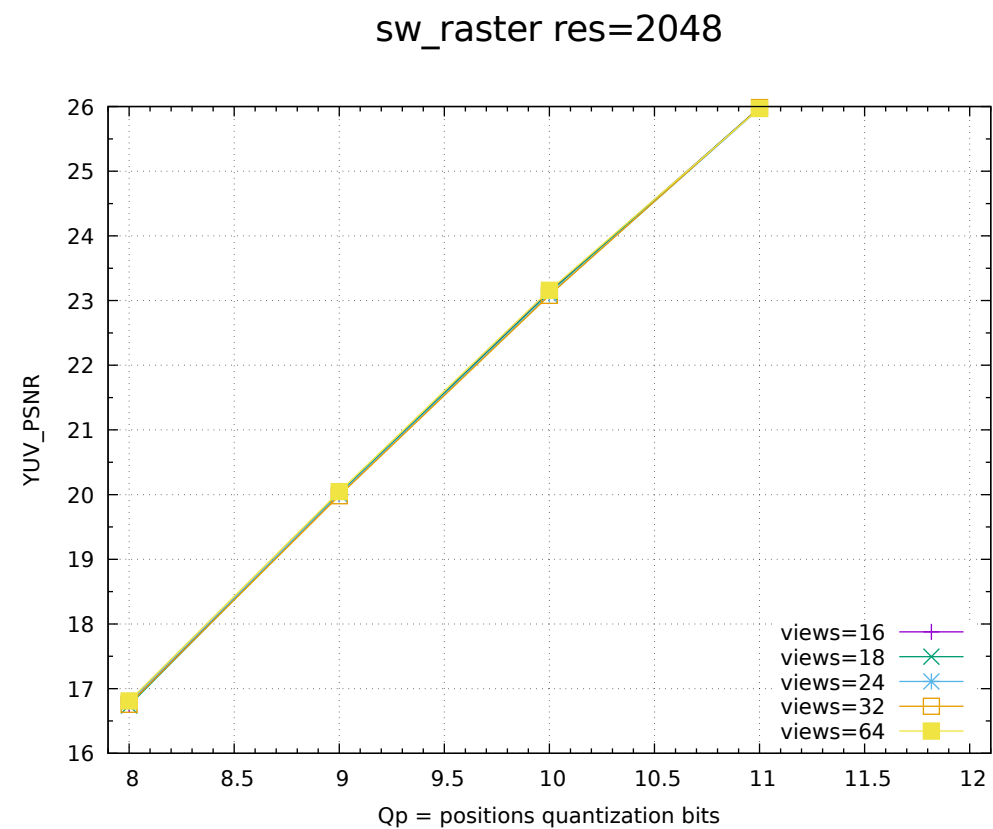
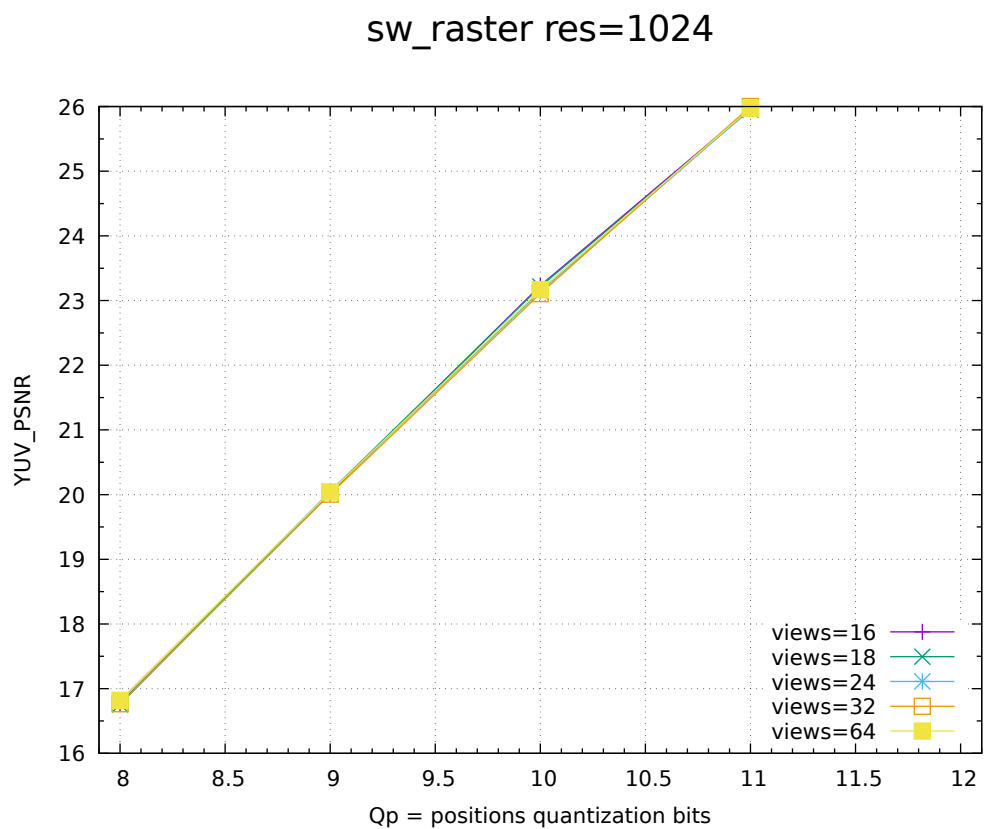
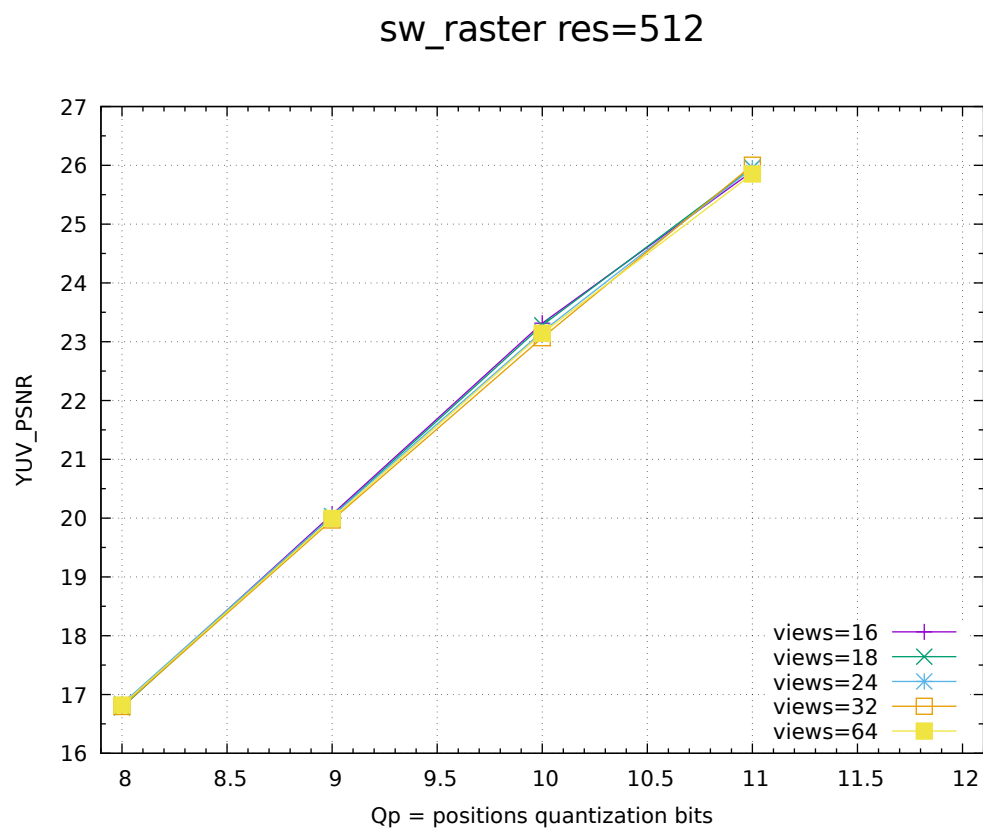
sw_raster



raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - levi_fr0000
sw_raster res=1024

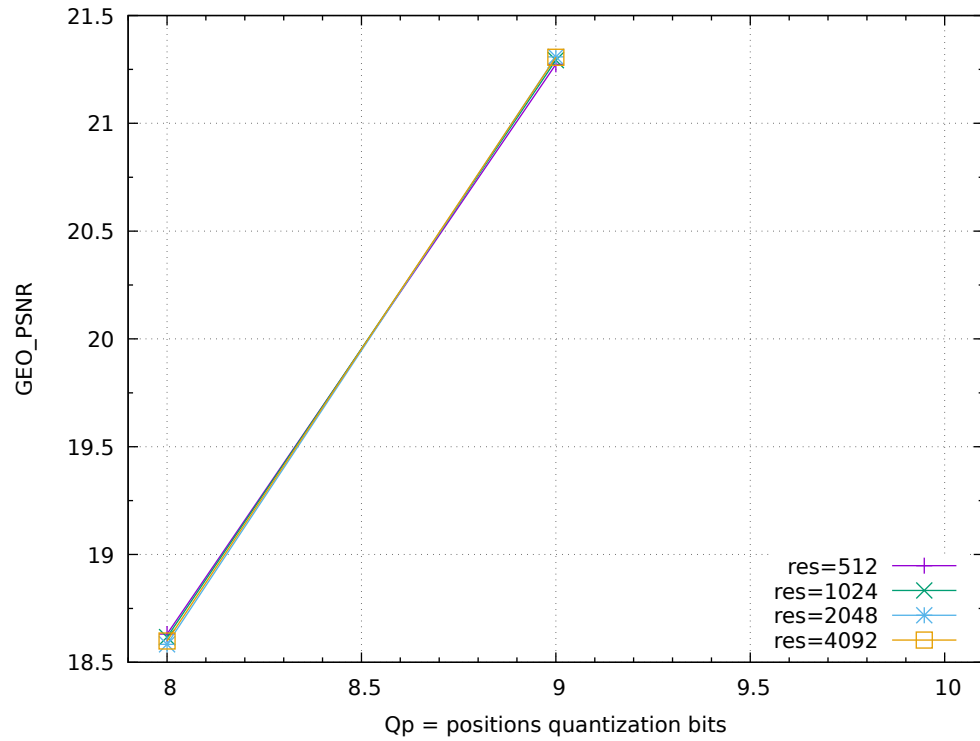


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - levi_fr0000

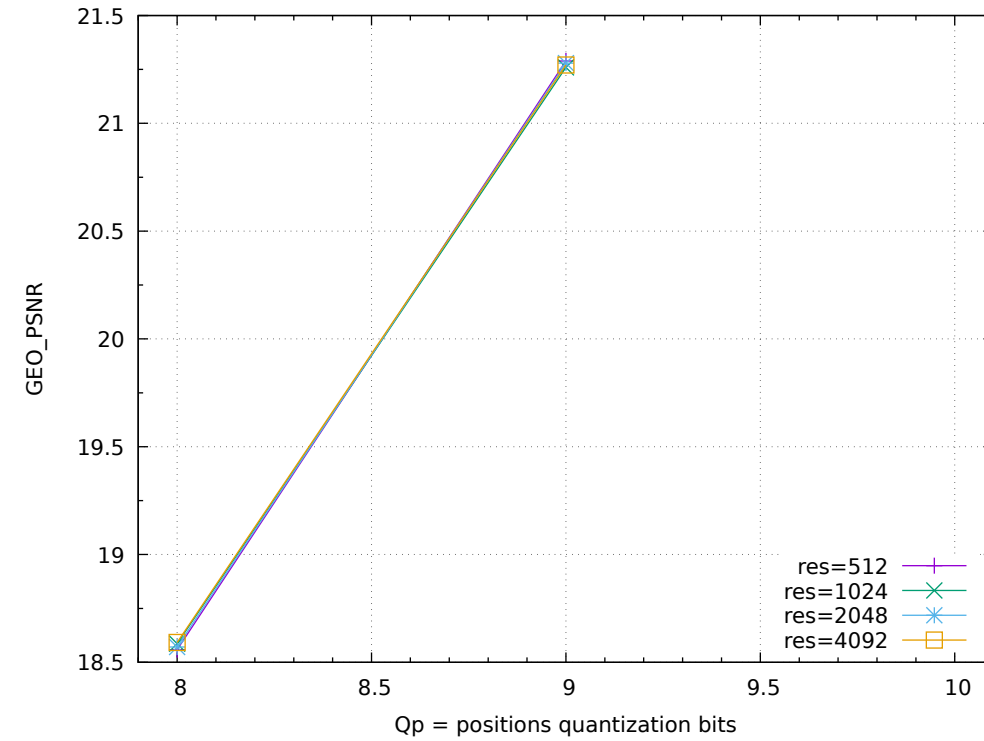


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - longdress_fr1051

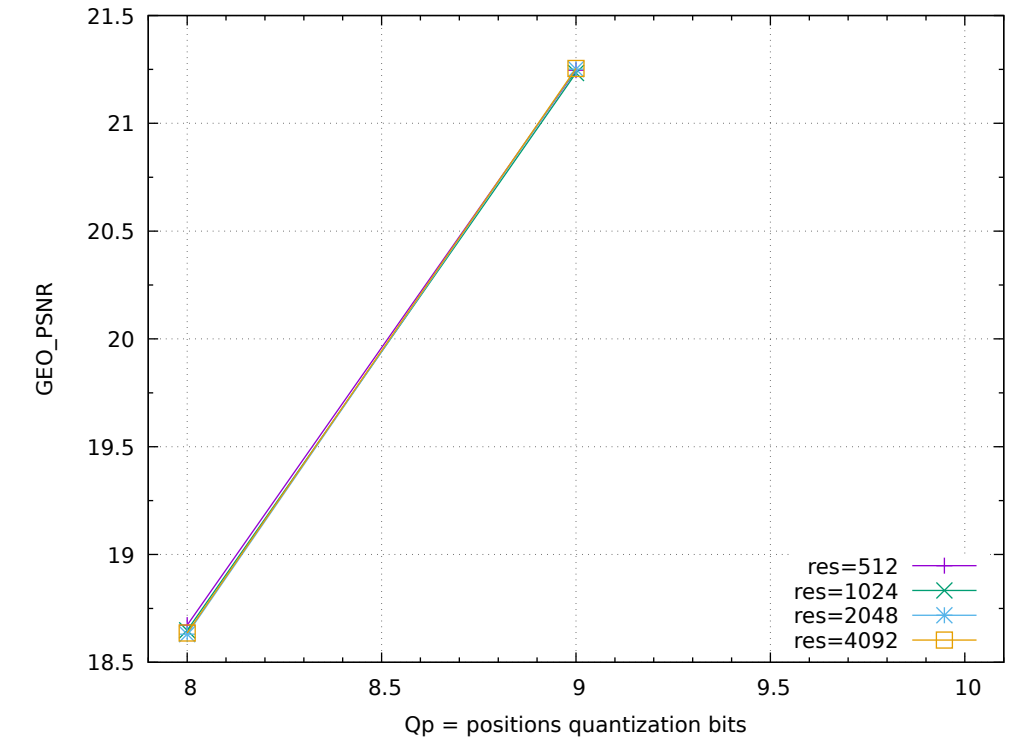
sw_raster views=16



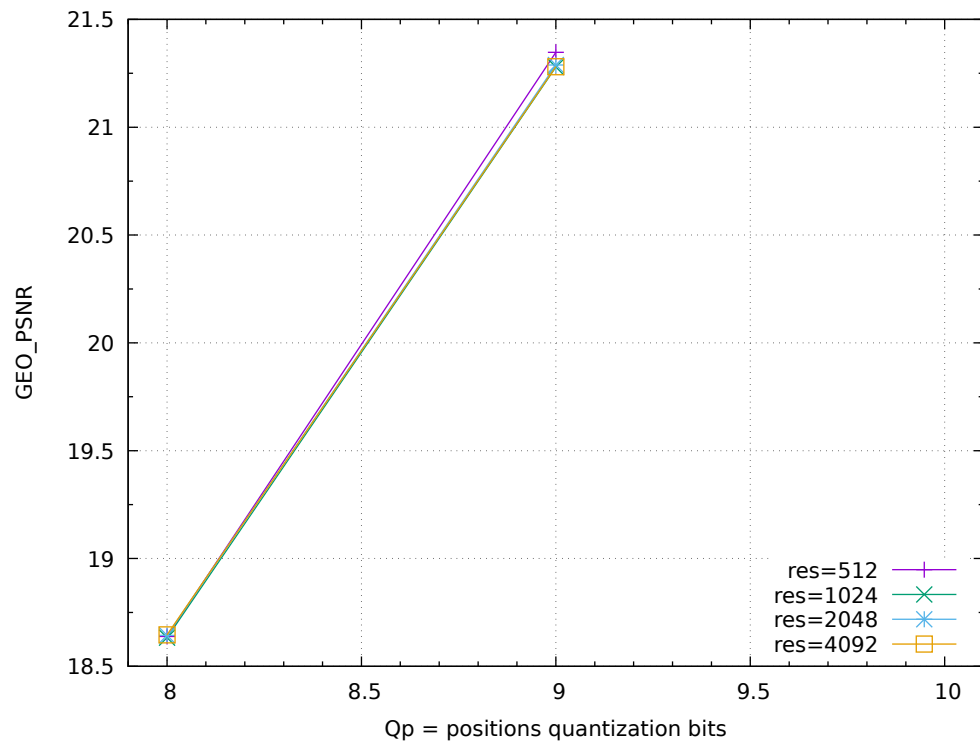
sw_raster views=18



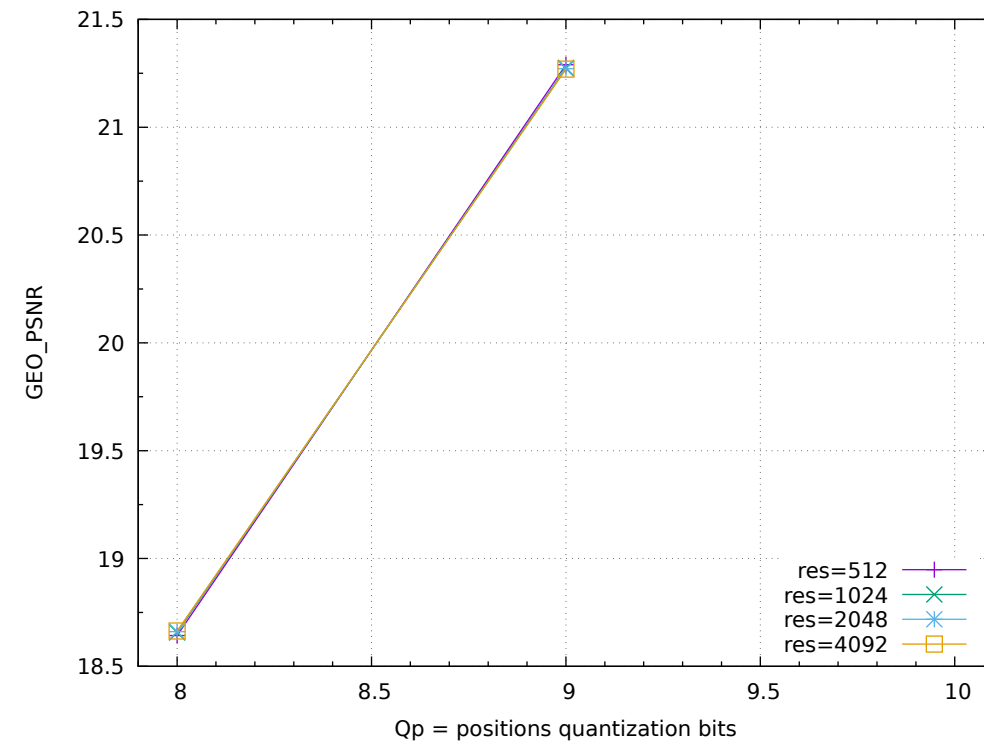
sw_raster views=24



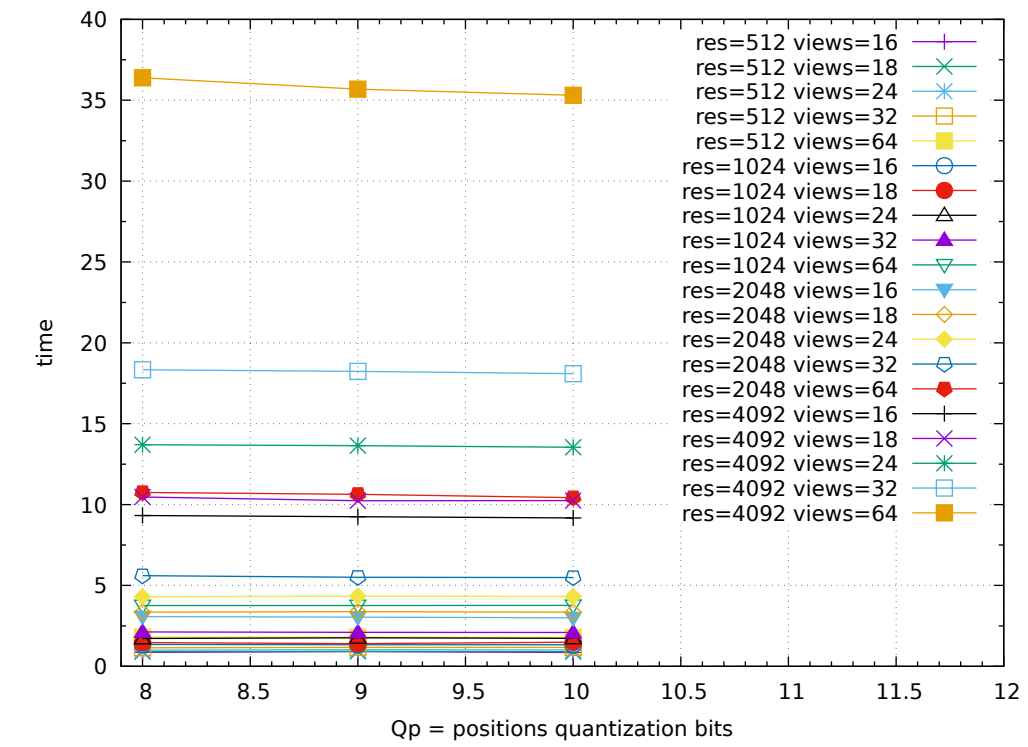
sw_raster views=32



sw_raster views=64

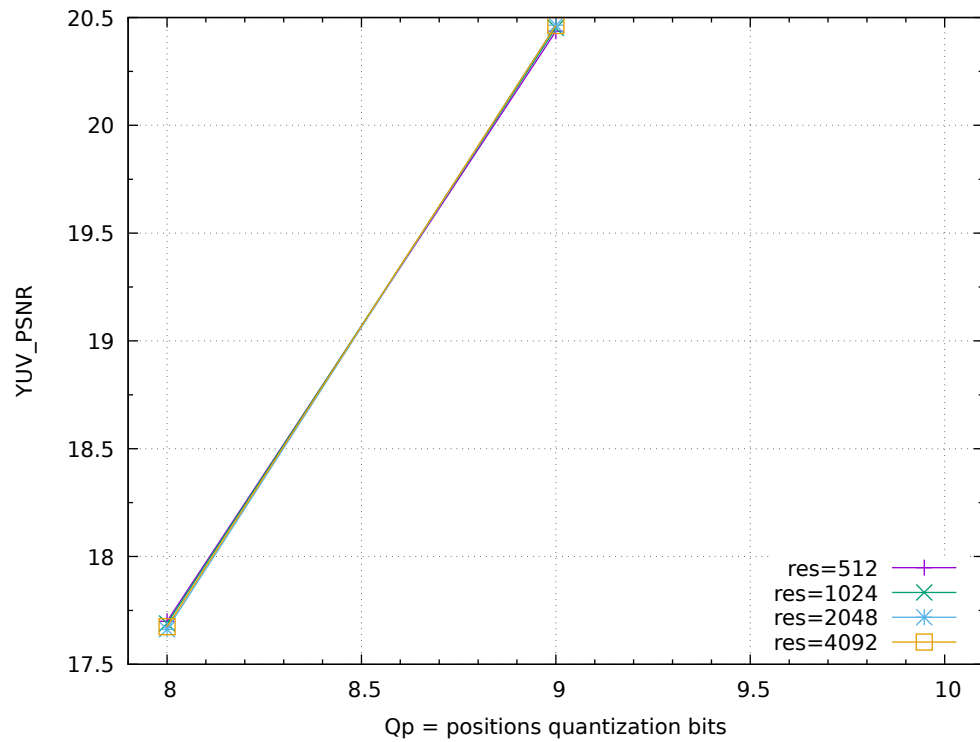


sw_raster

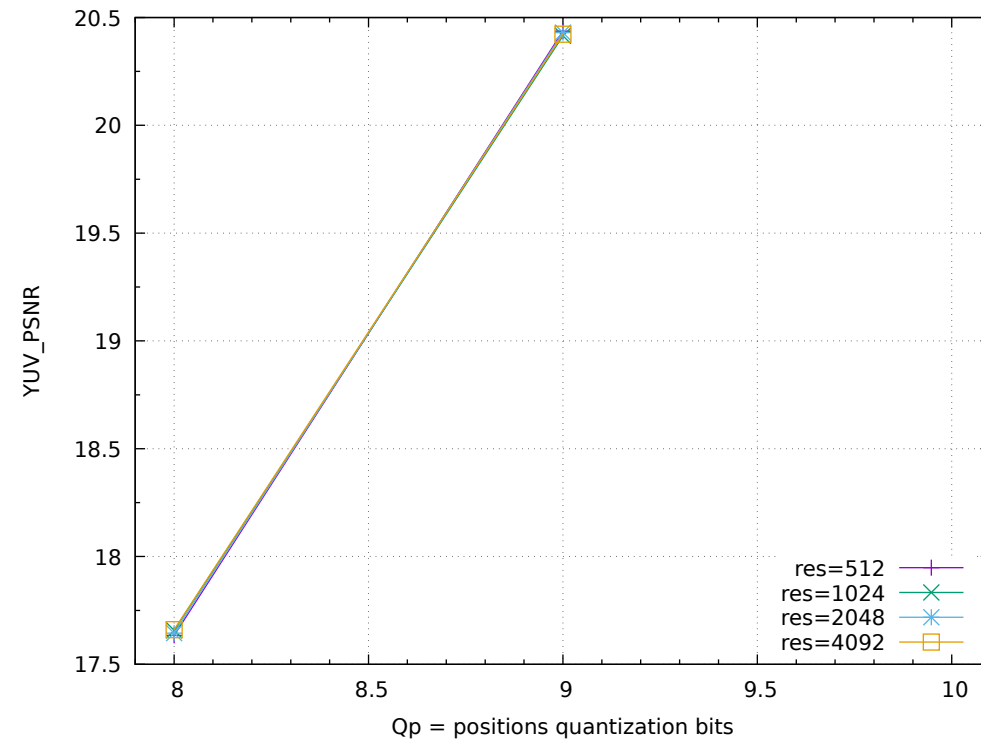


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - longdress_fr1051

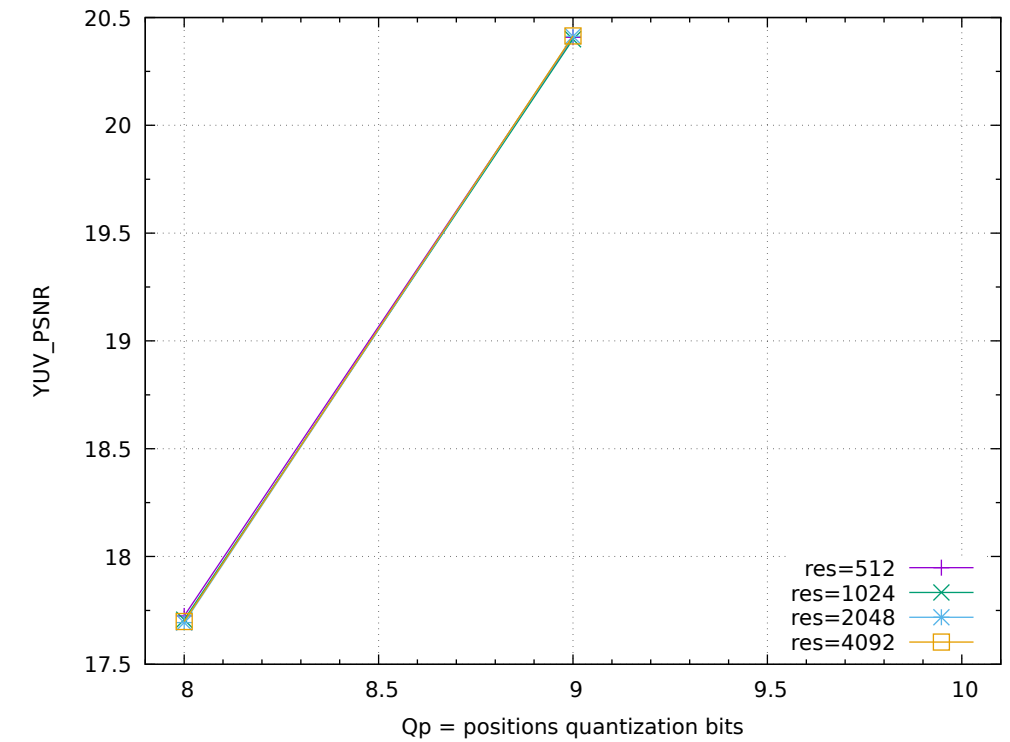
sw_raster views=16



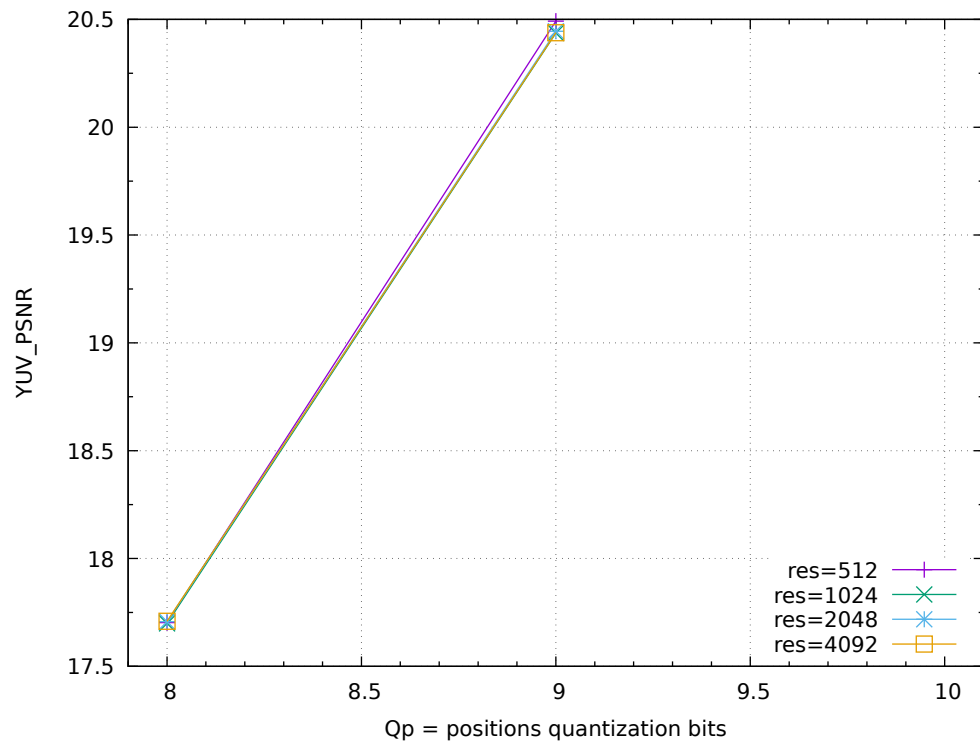
sw_raster views=18



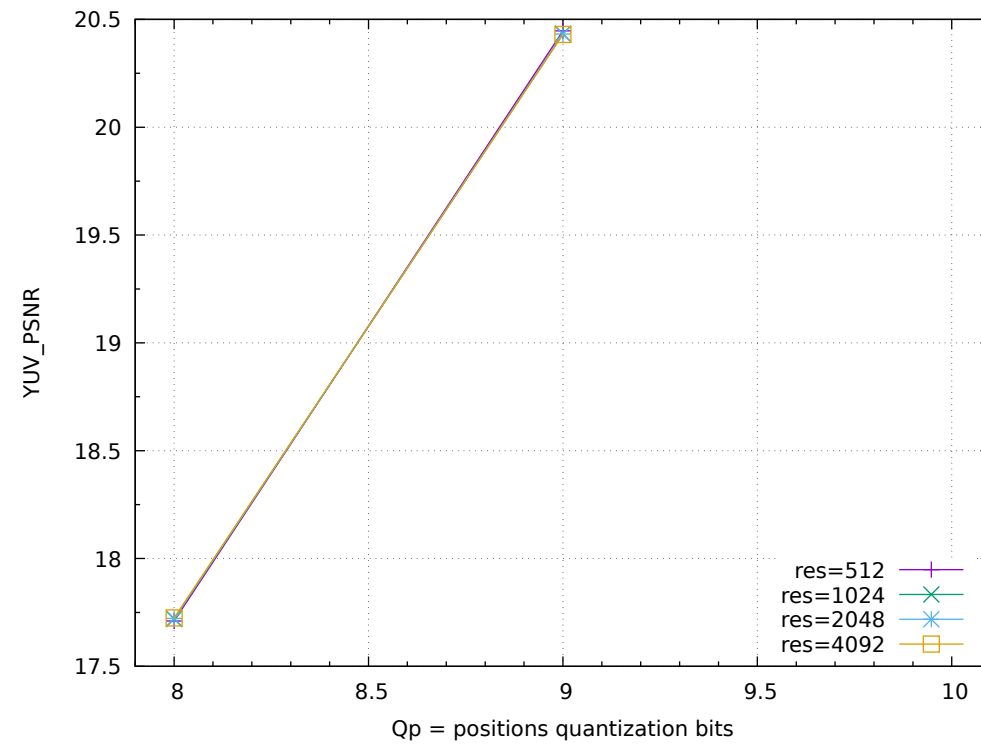
sw_raster views=24



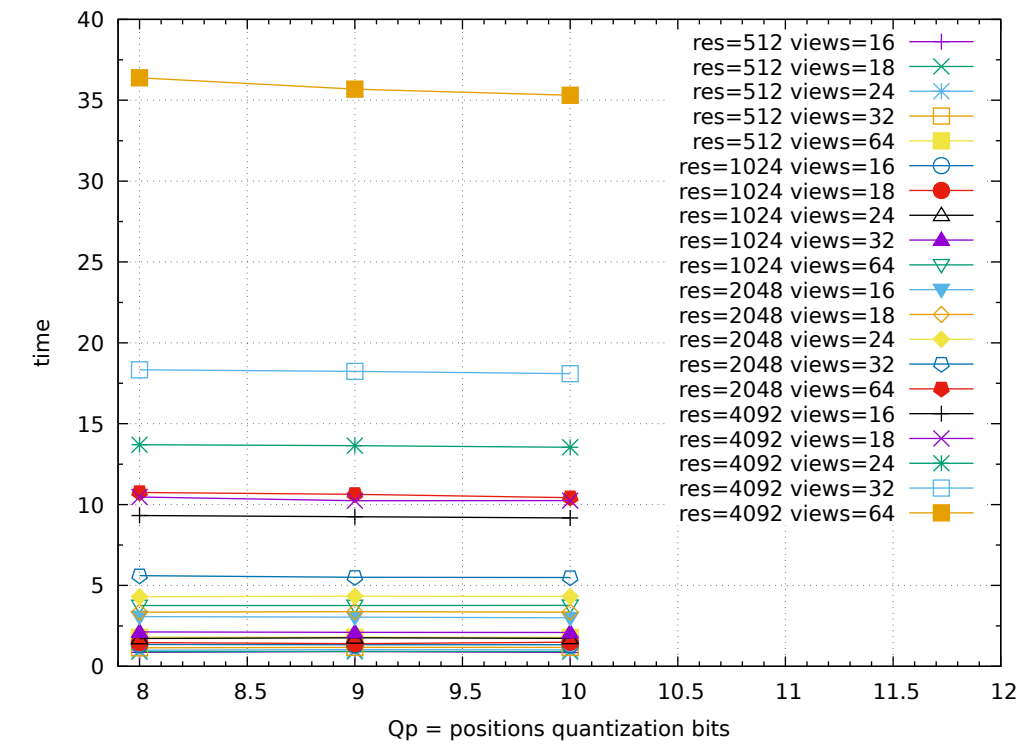
sw_raster views=32



sw_raster views=64

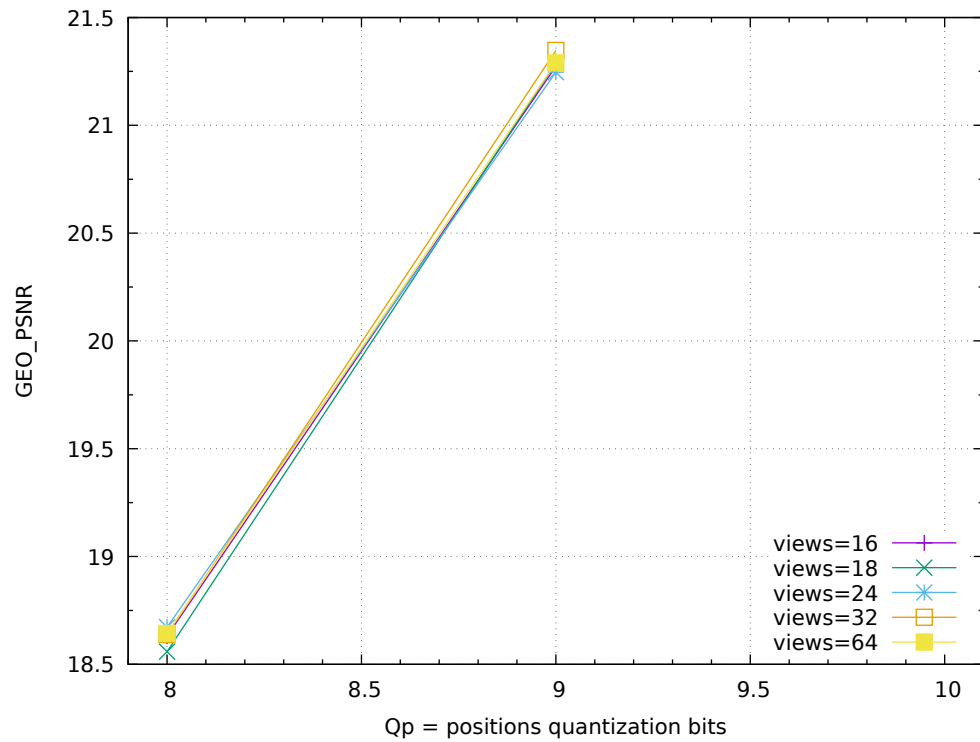


sw_raster

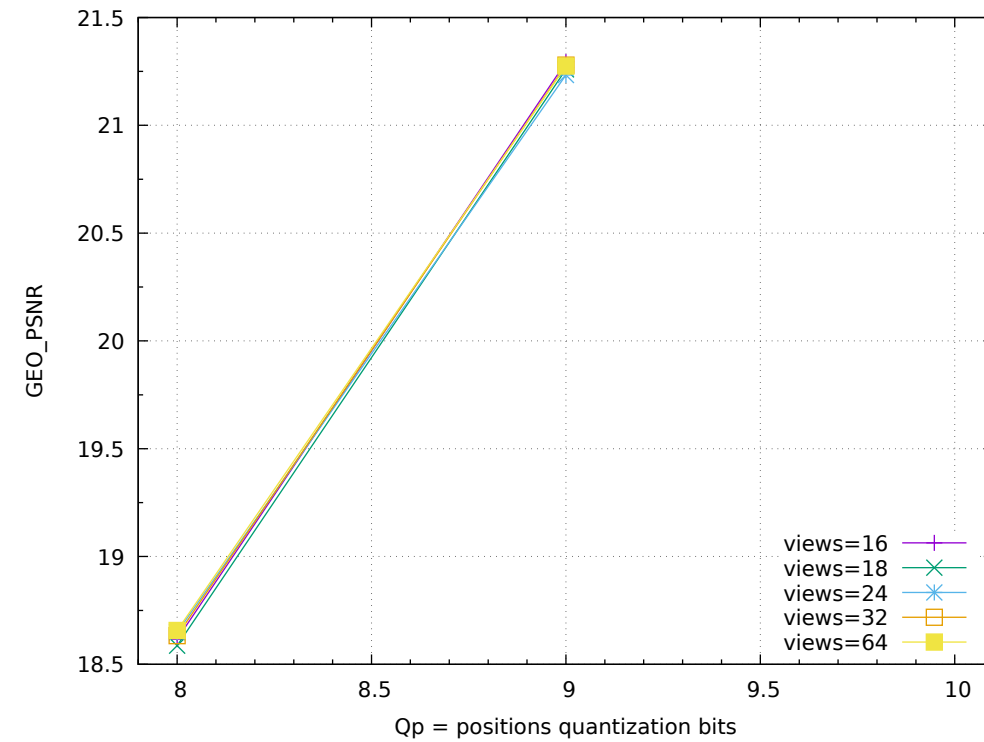


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - longdress_fr1051

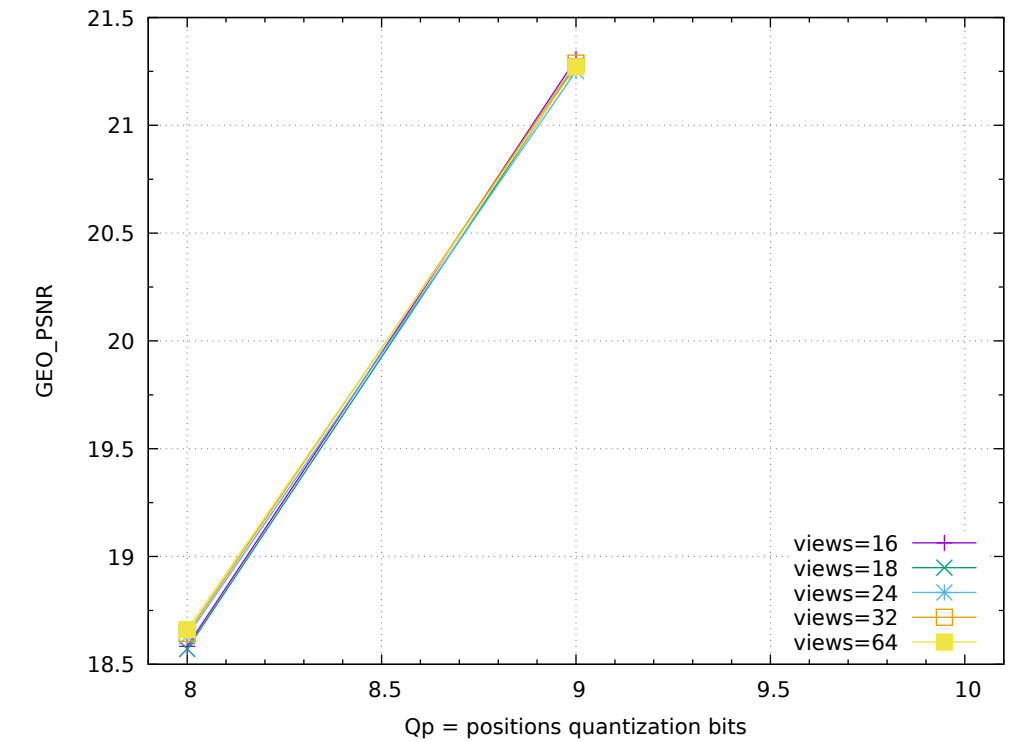
sw_raster res=512



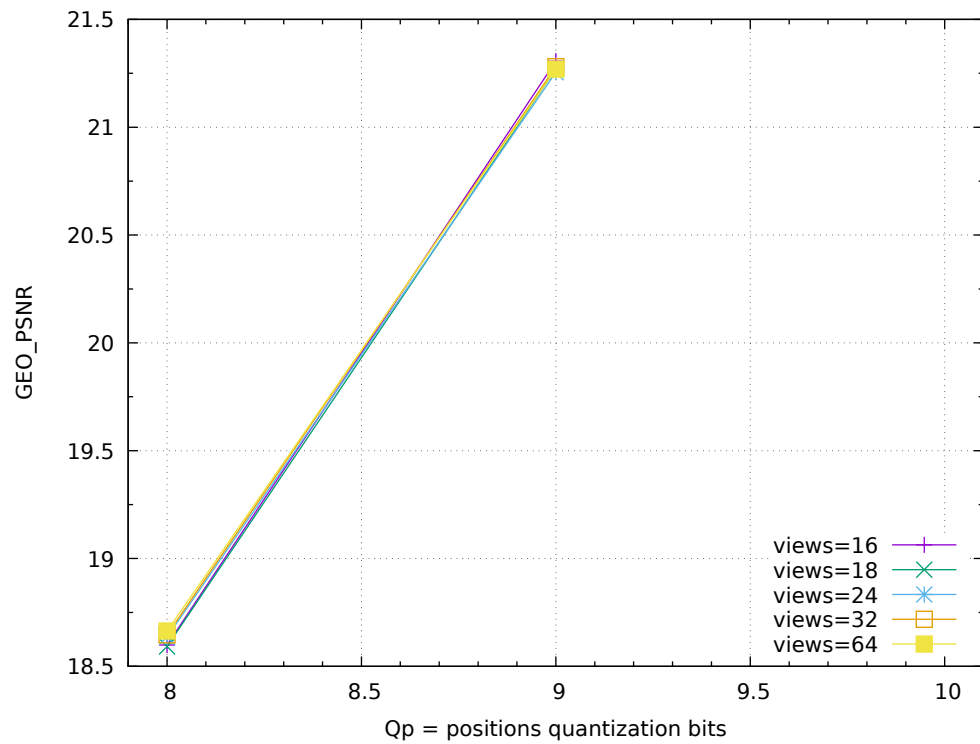
sw_raster res=1024



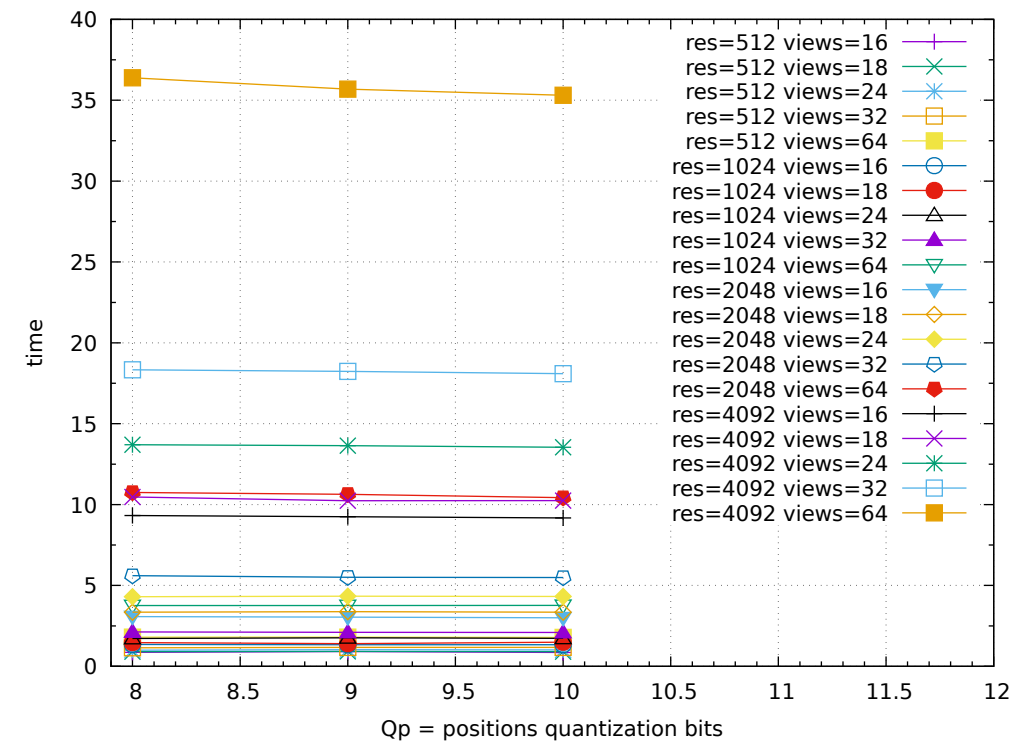
sw_raster res=2048



sw_raster res=4092

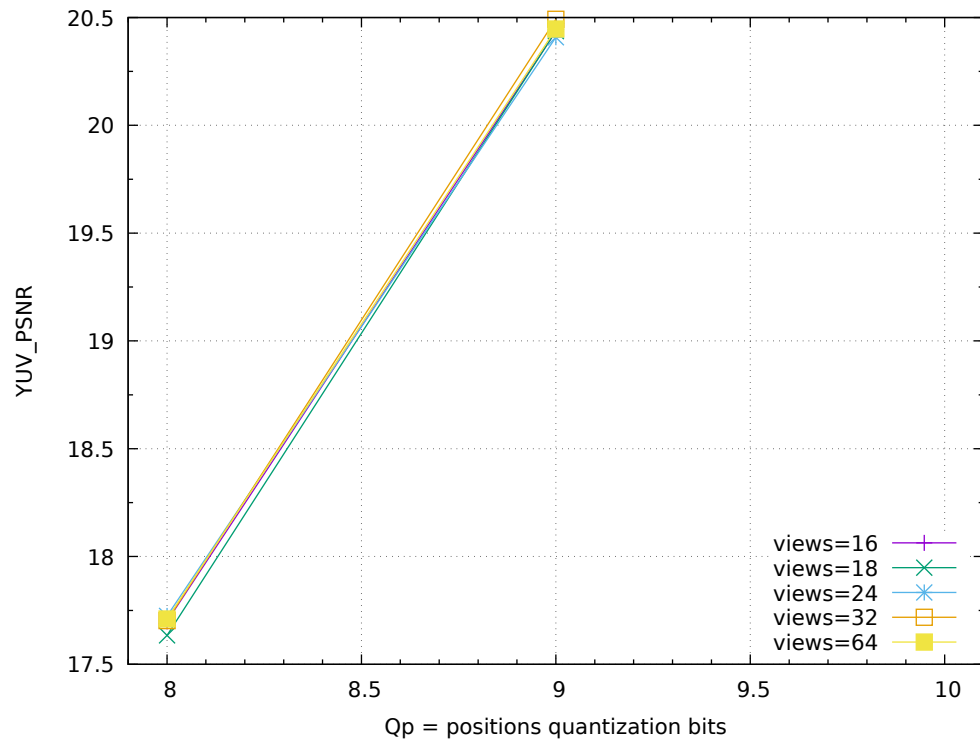


sw_raster

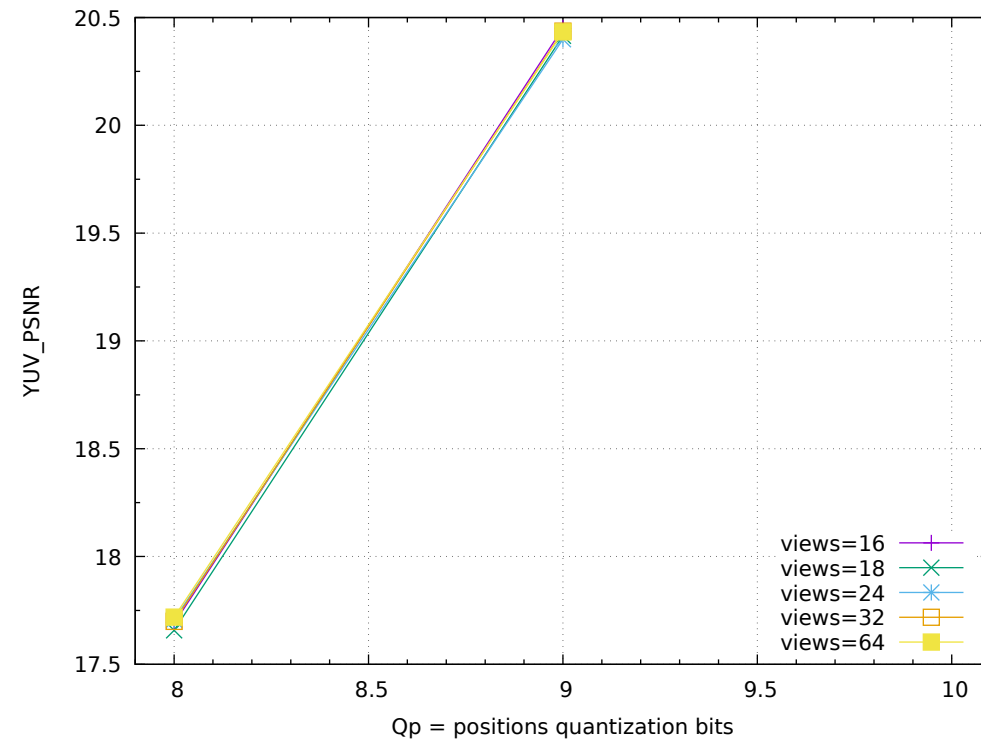


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - longdress_fr1051

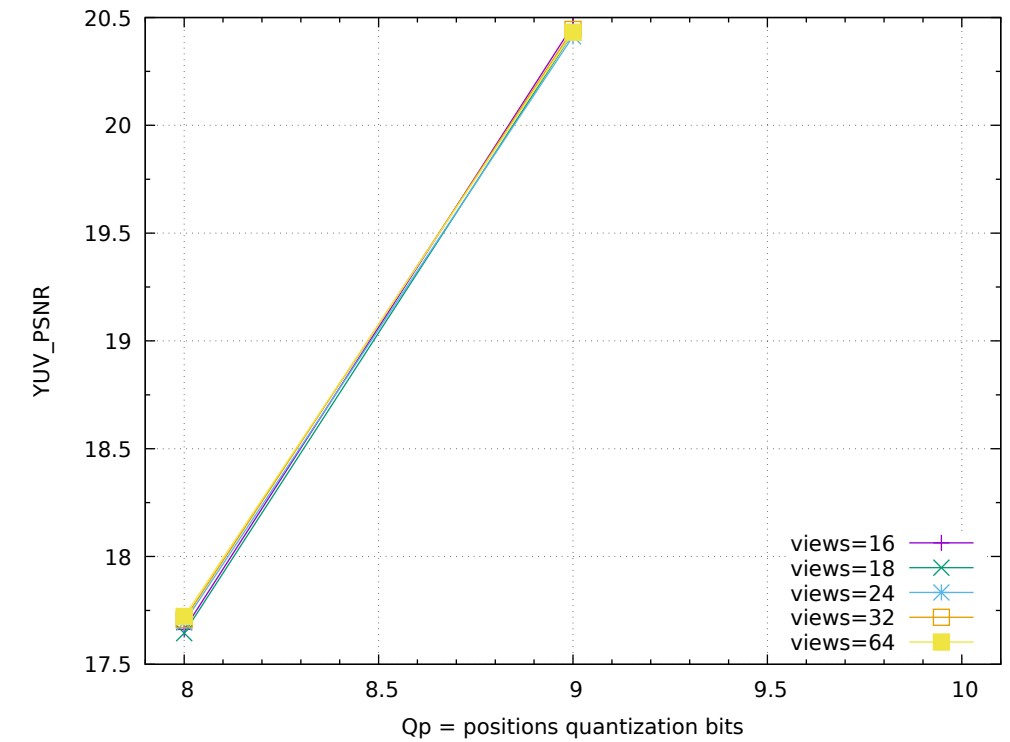
sw_raster res=512



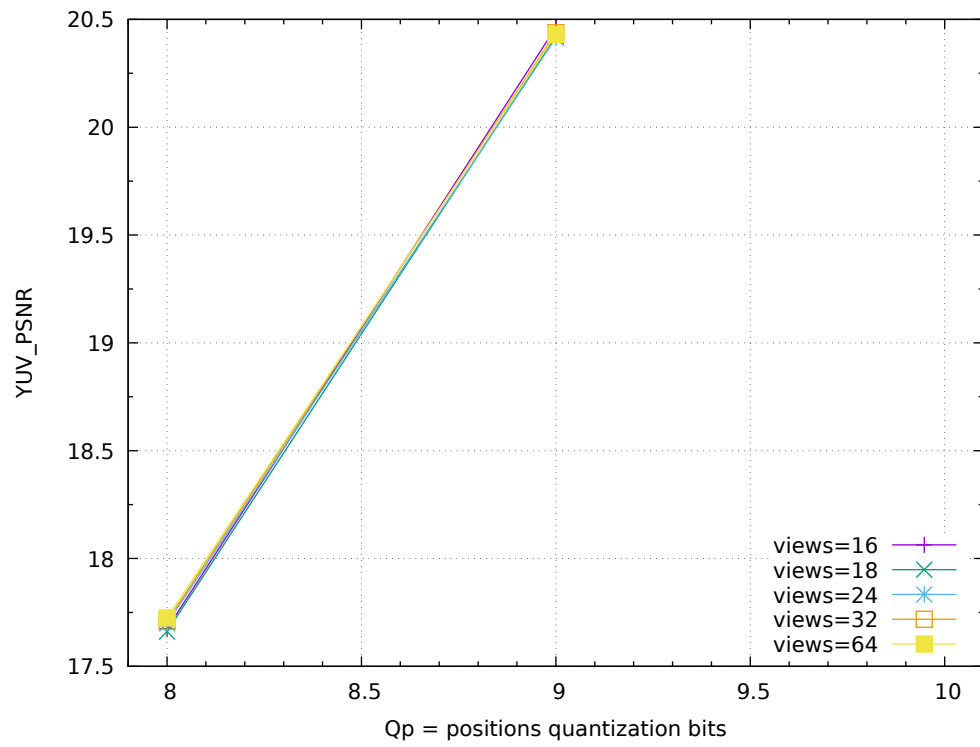
sw_raster res=1024



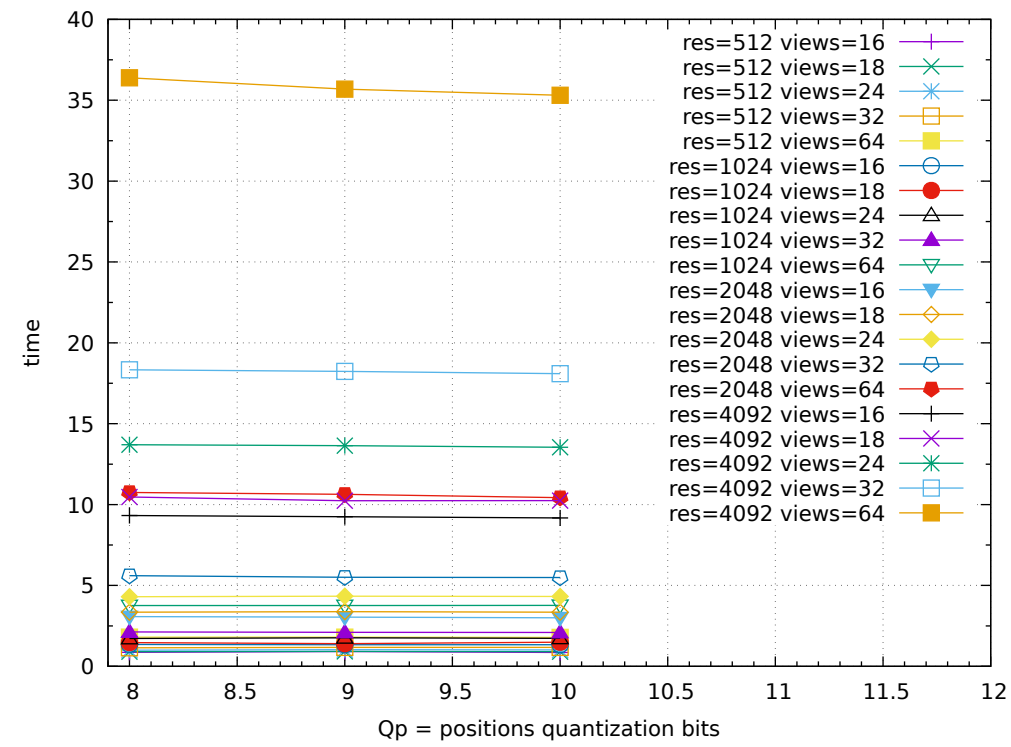
sw_raster res=2048



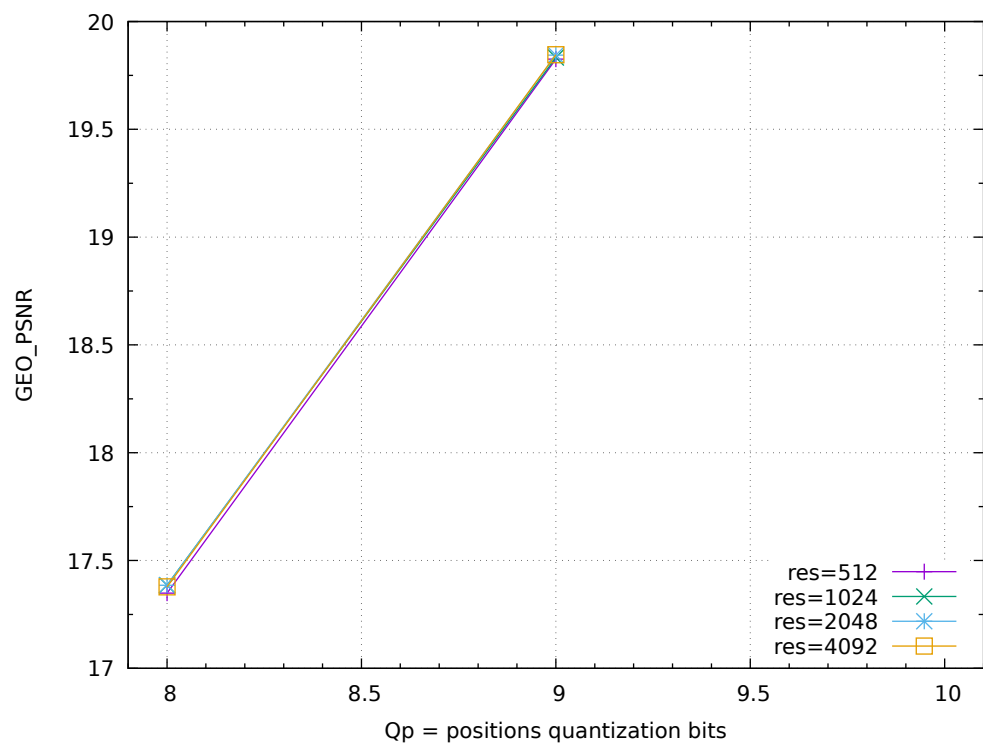
sw_raster res=4092



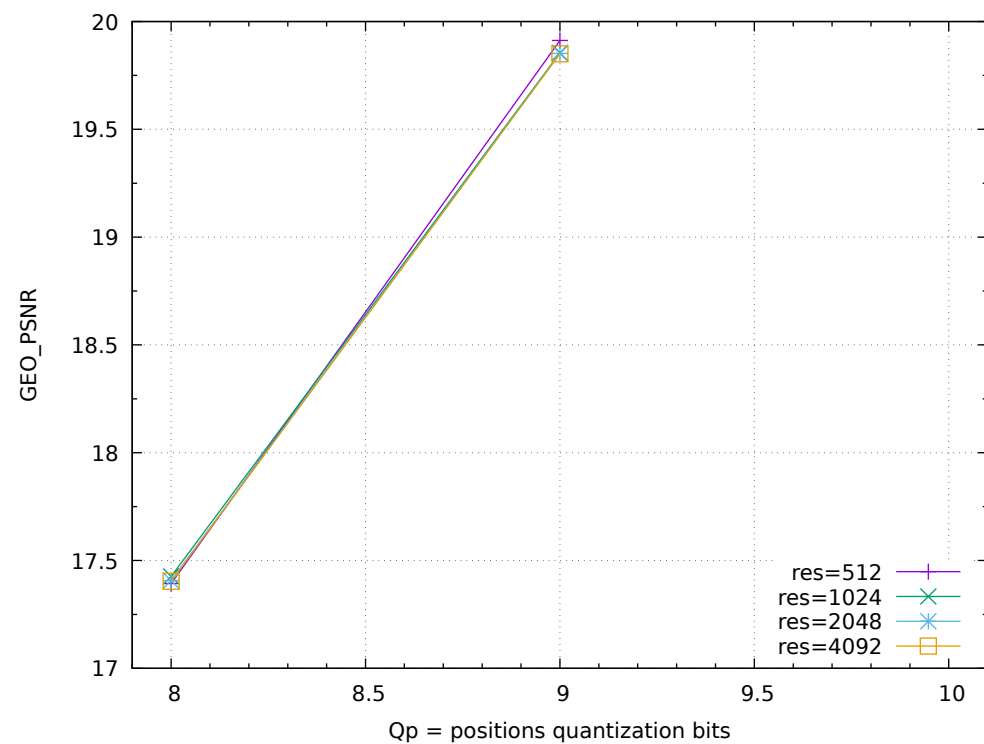
sw_raster



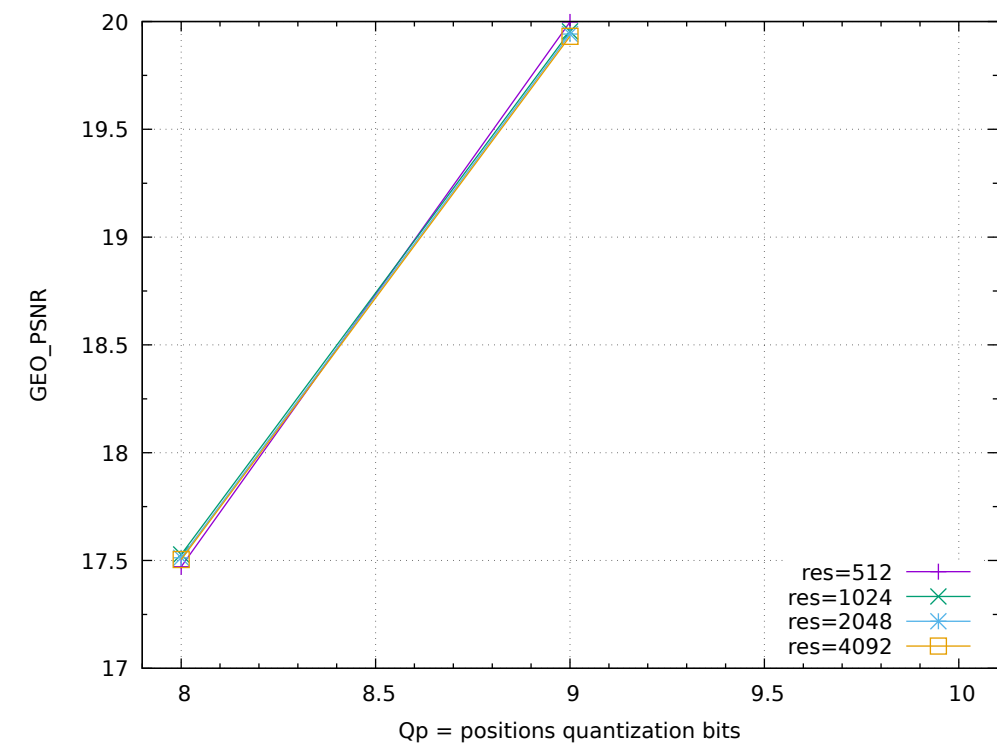
sw_raster views=16



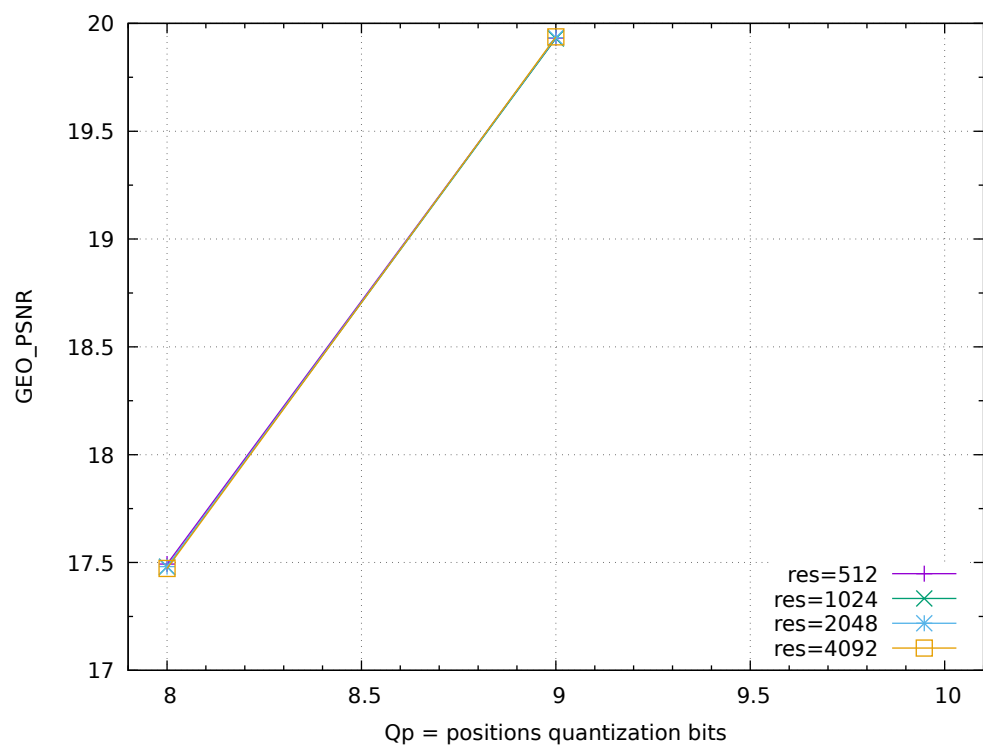
sw_raster views=18



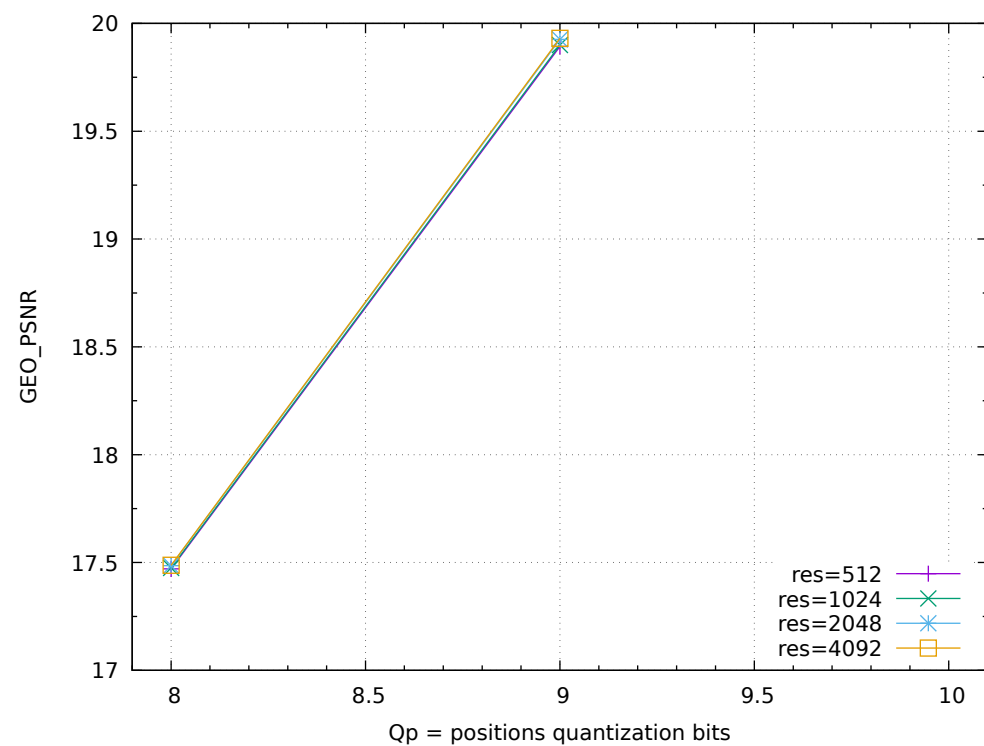
sw_raster views=24



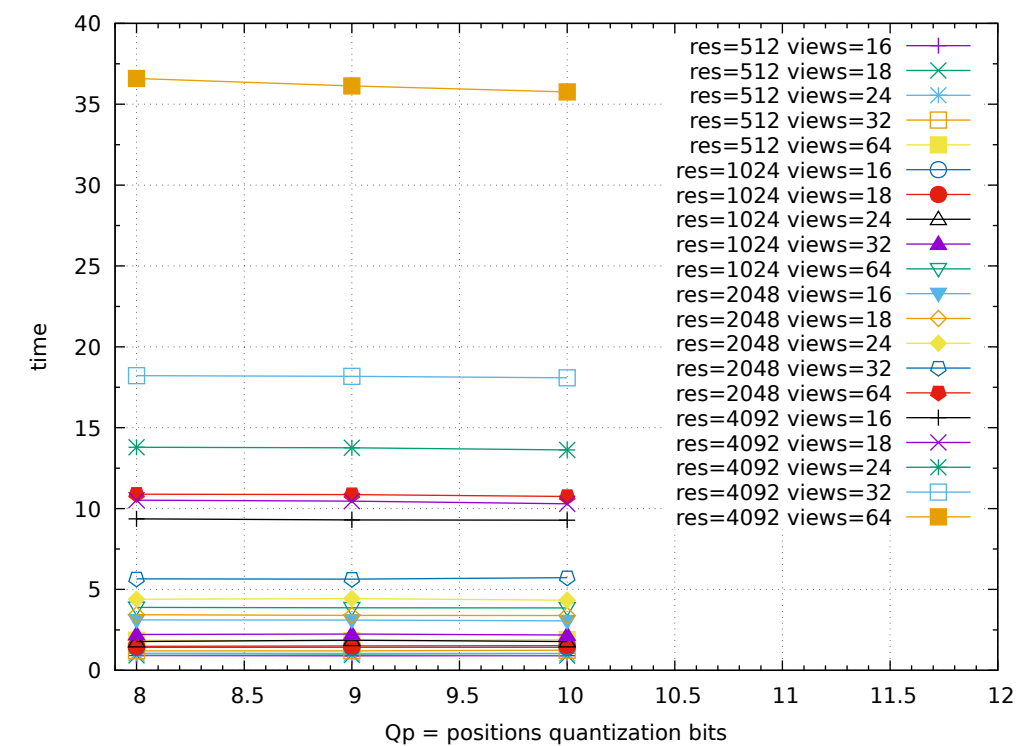
sw_raster views=32



sw_raster views=64

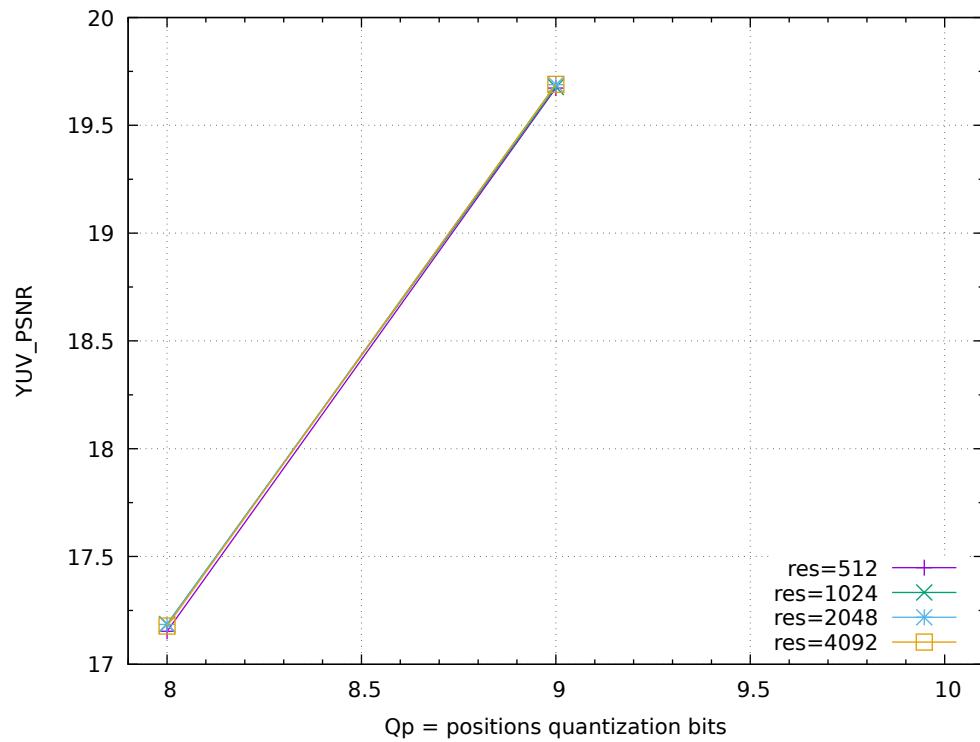


sw_raster

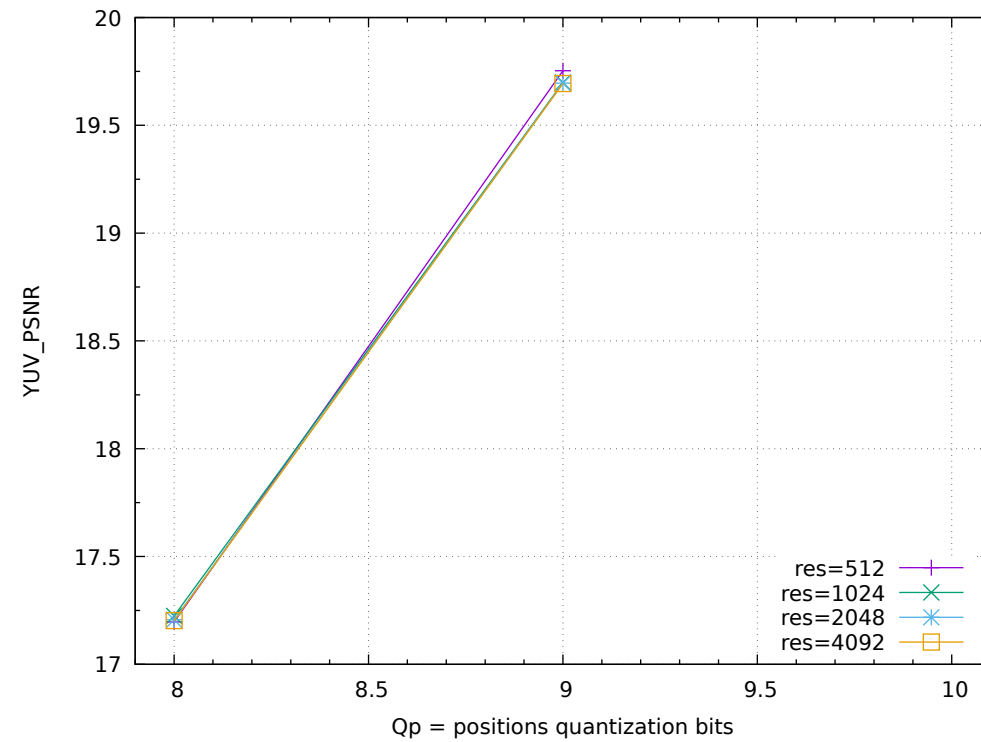


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - redandblack_fr1450

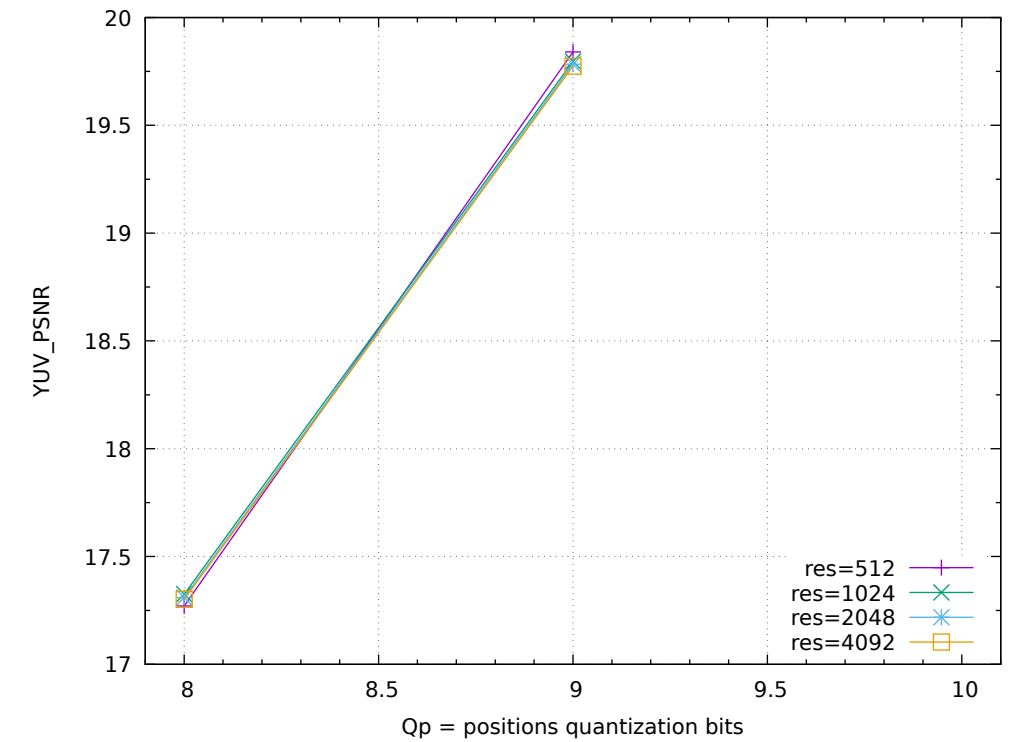
sw_raster views=16



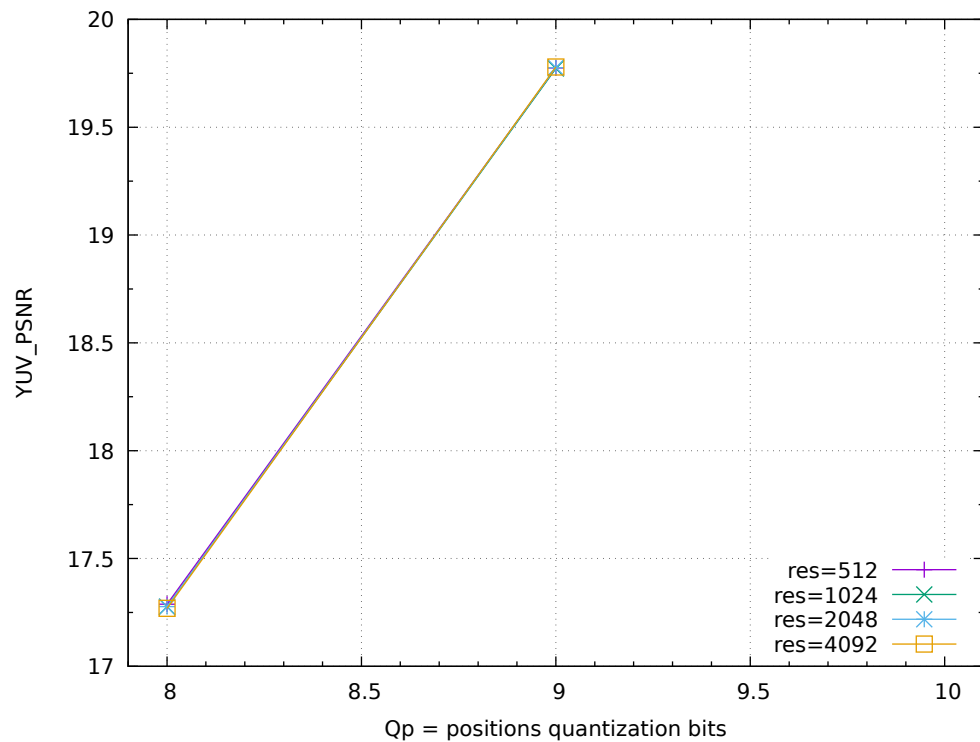
sw_raster views=18



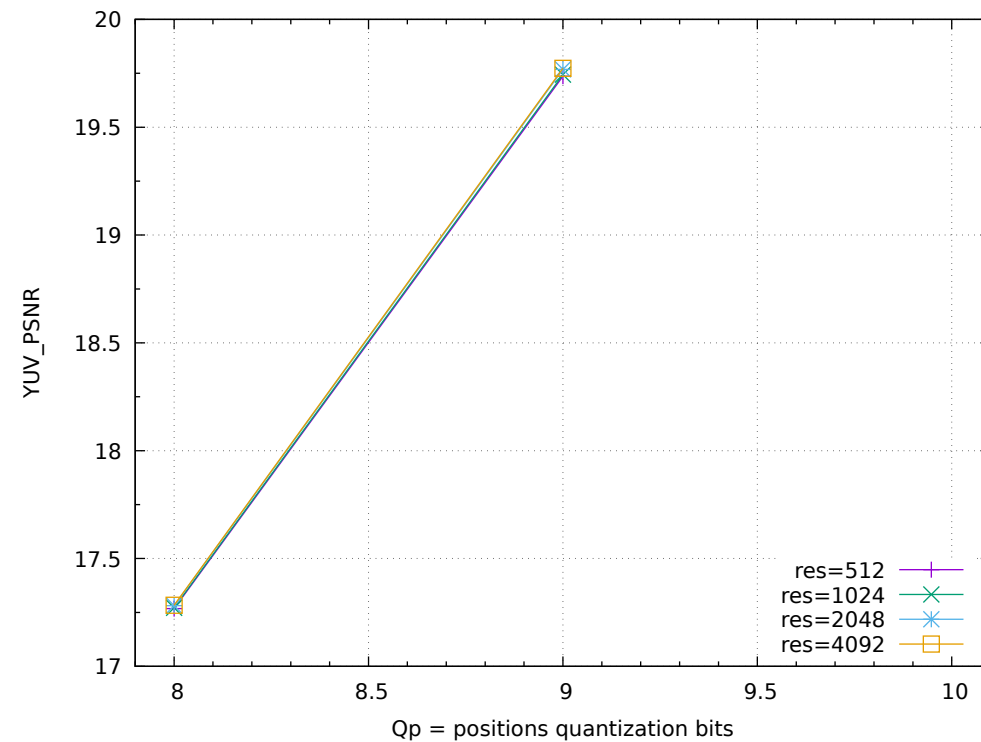
sw_raster views=24



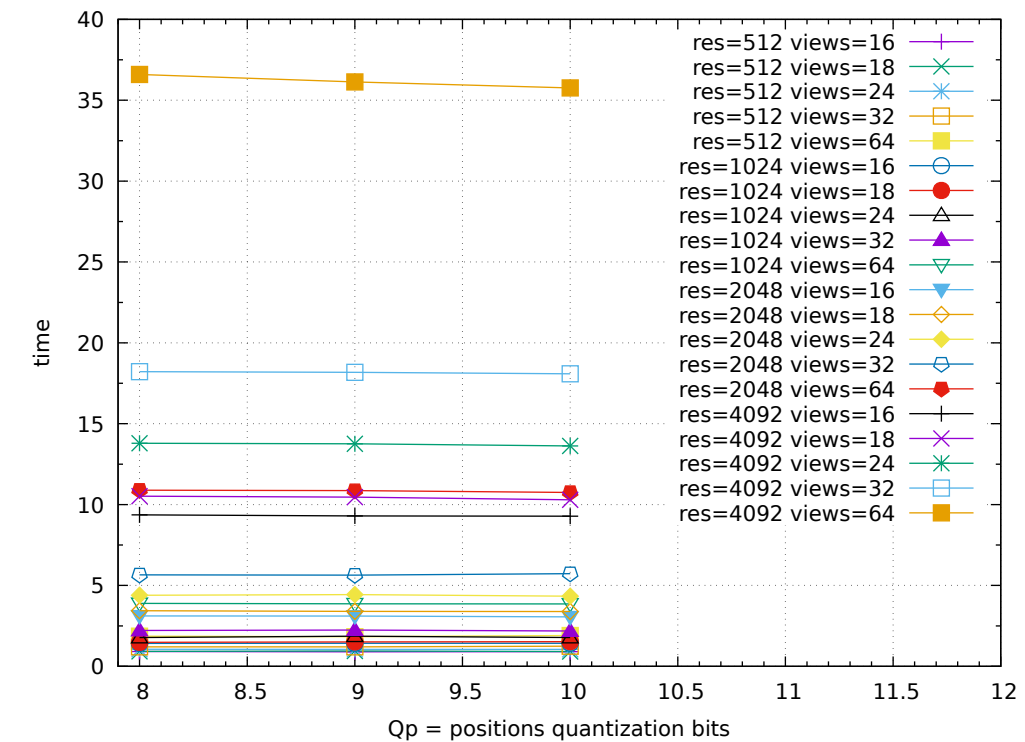
sw_raster views=32



sw_raster views=64

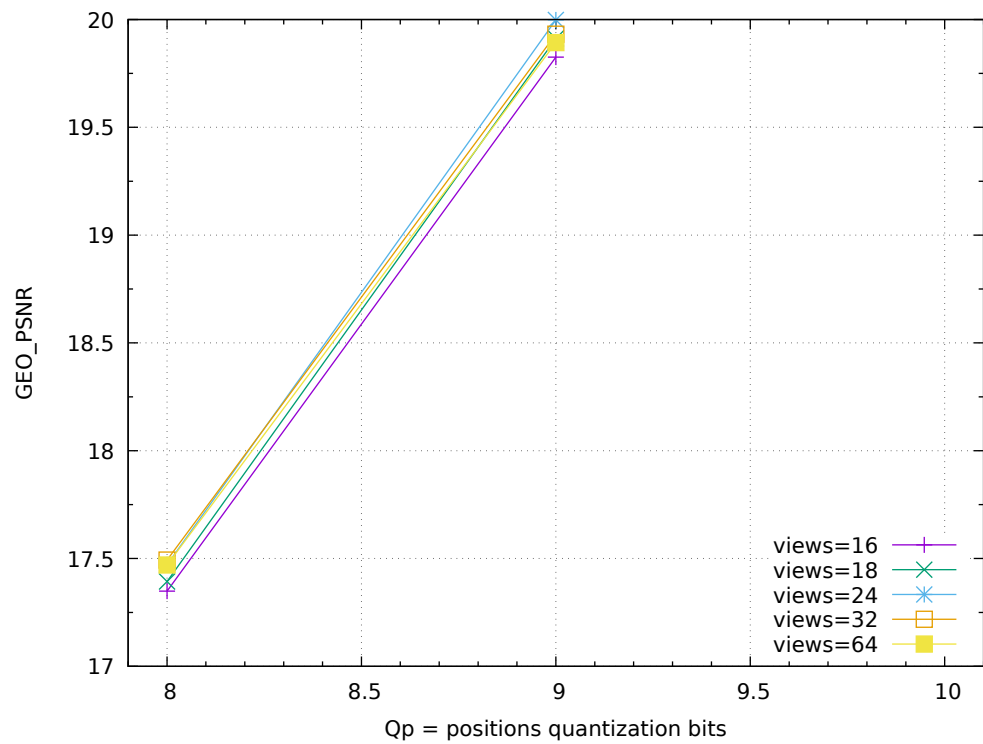


sw_raster

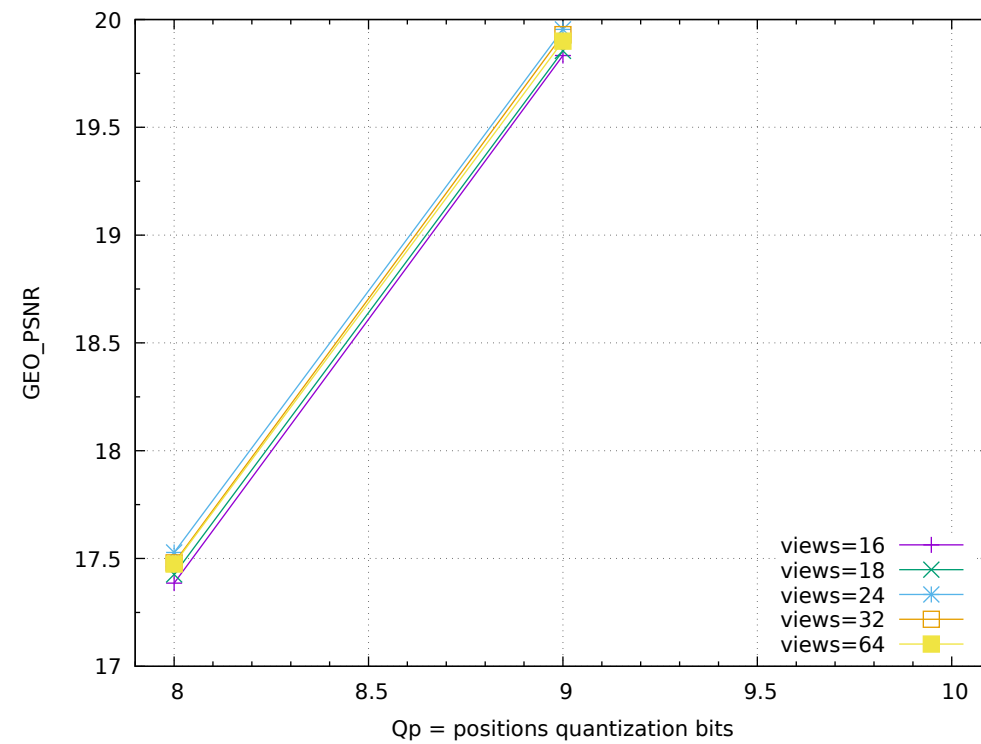


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - redandblack_fr1450

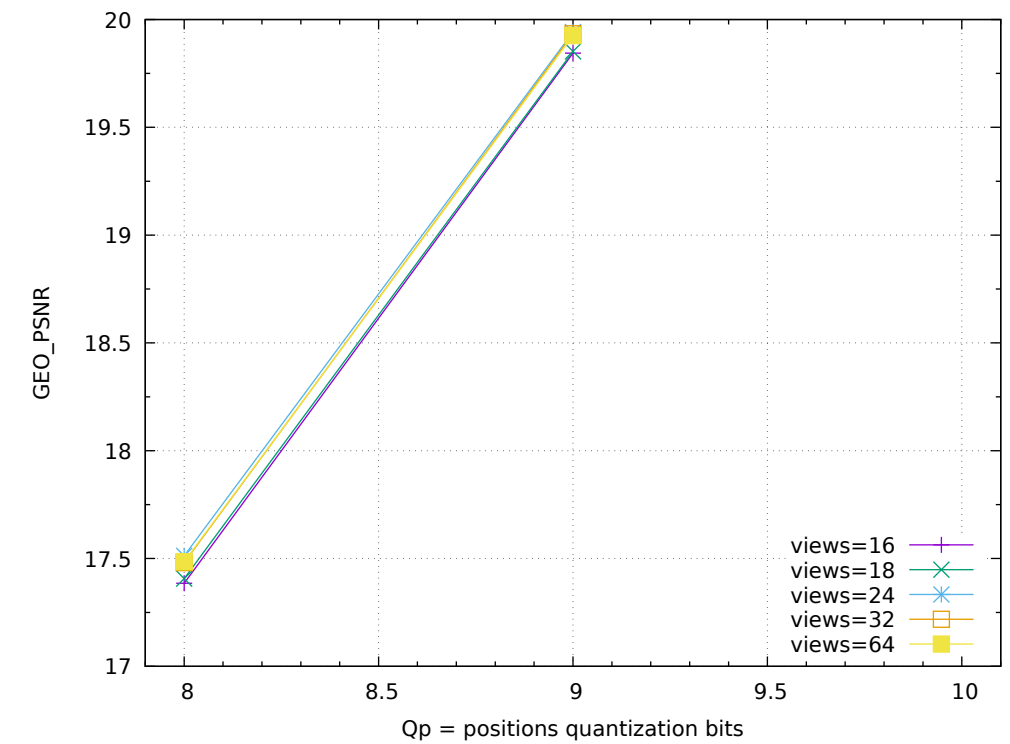
sw_raster res=512



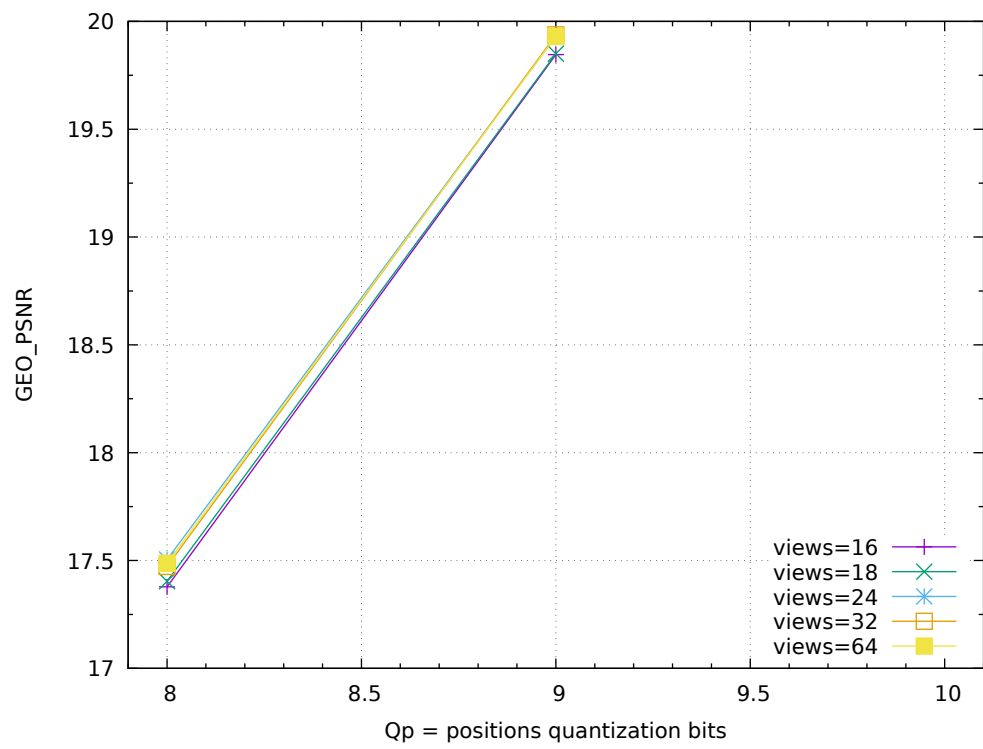
sw_raster res=1024



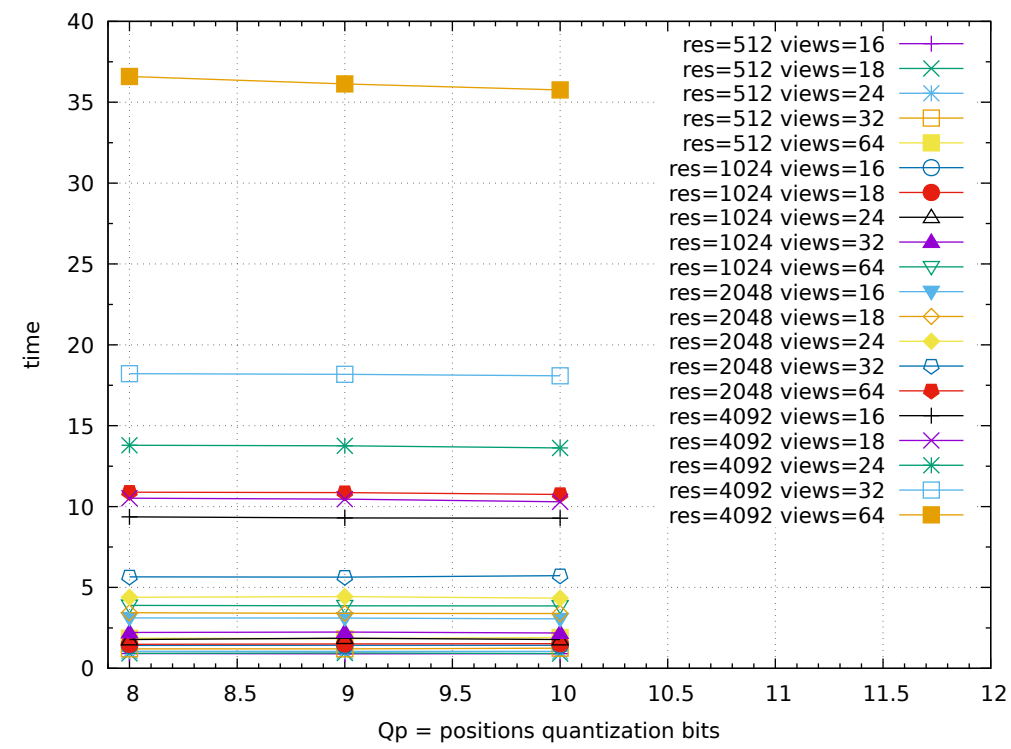
sw_raster res=2048



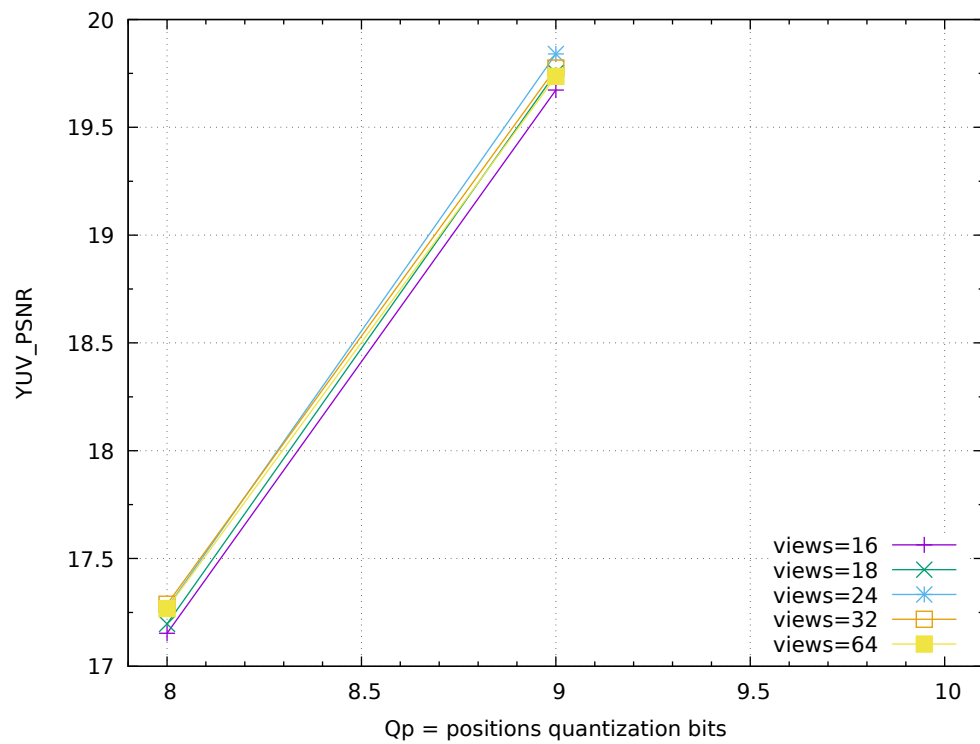
sw_raster res=4092



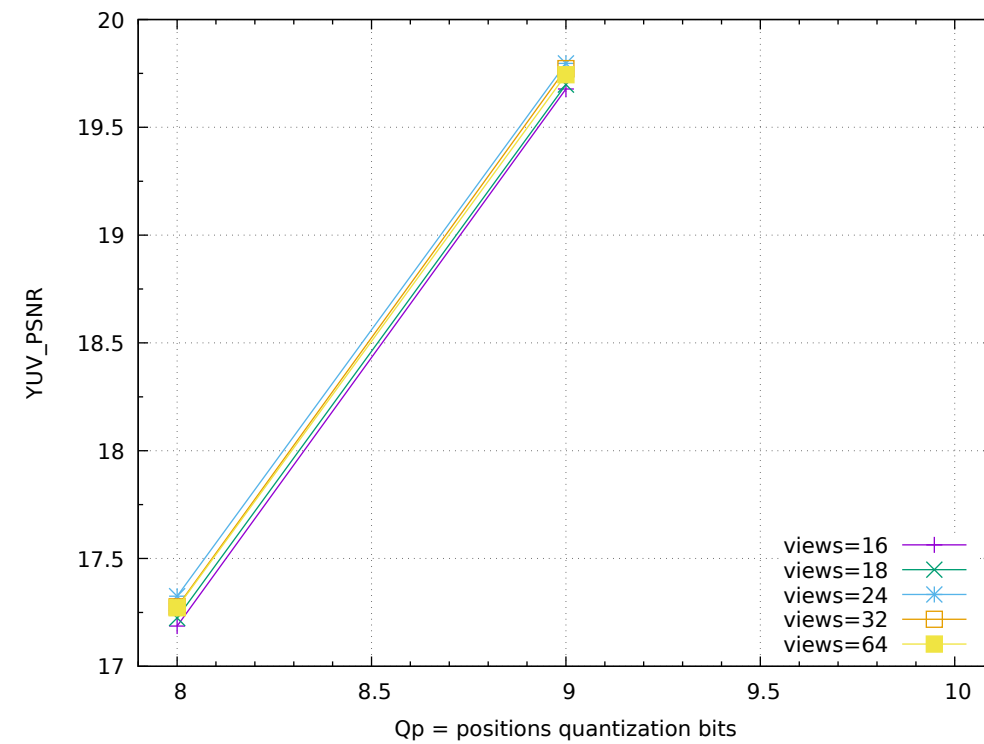
sw_raster



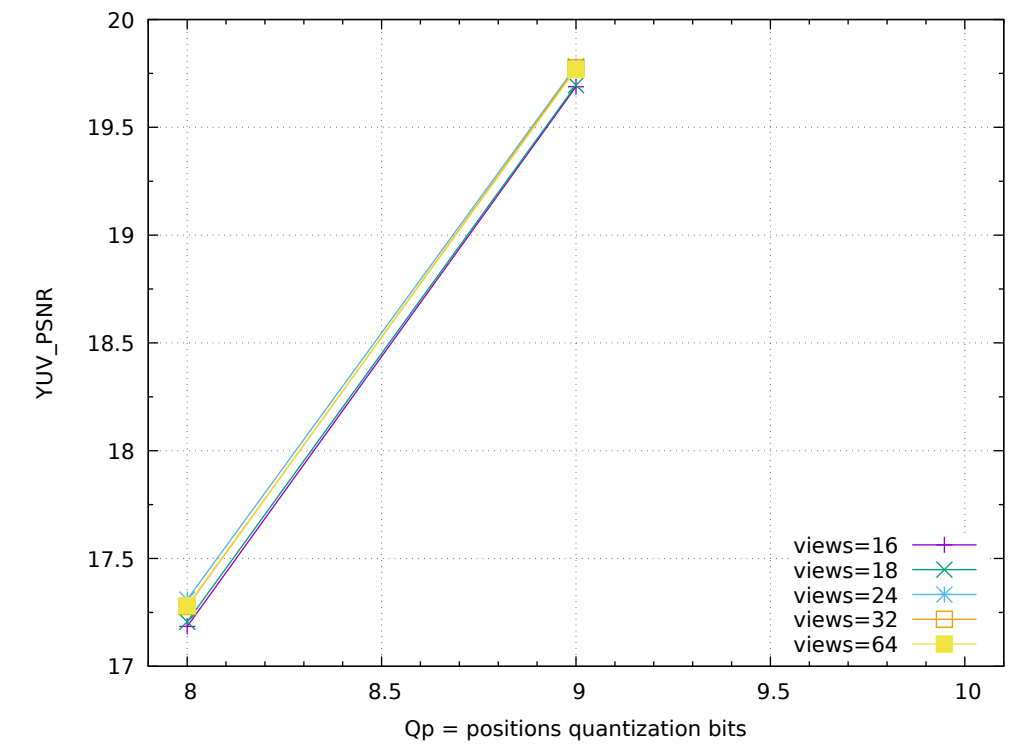
sw_raster res=512



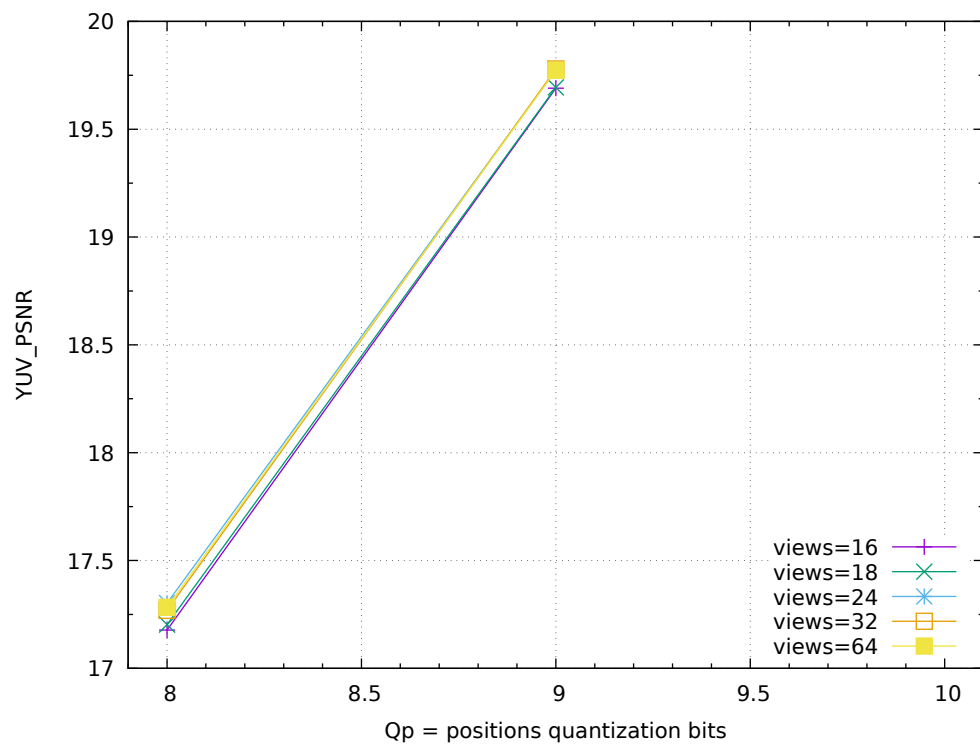
sw_raster res=1024



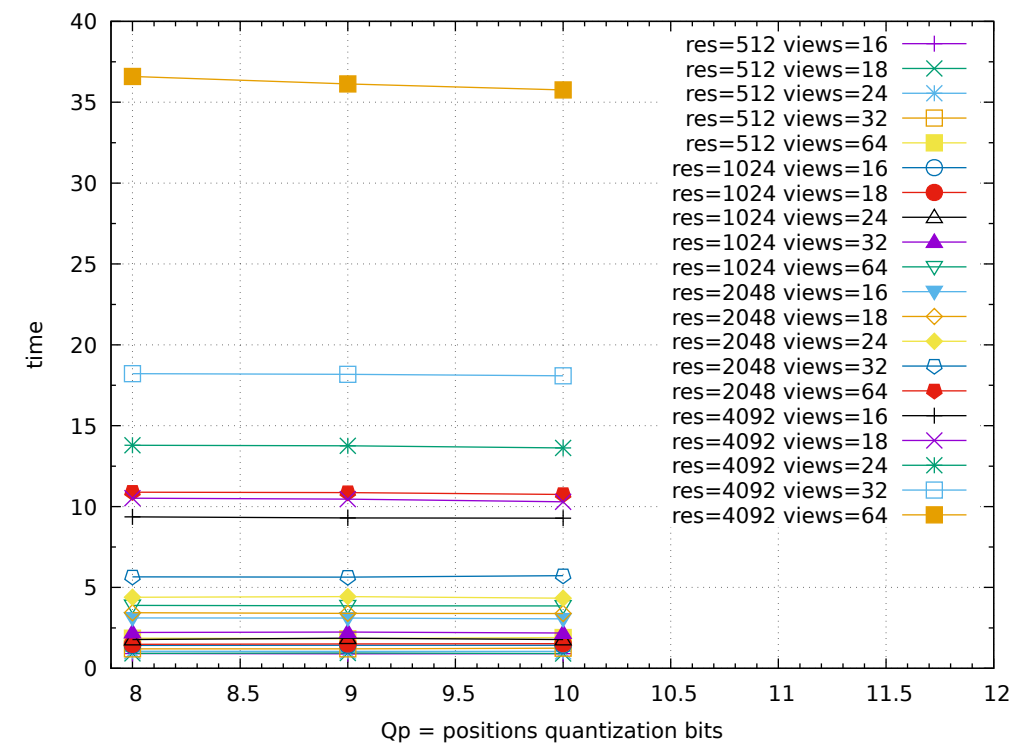
sw_raster res=2048



sw_raster res=4092

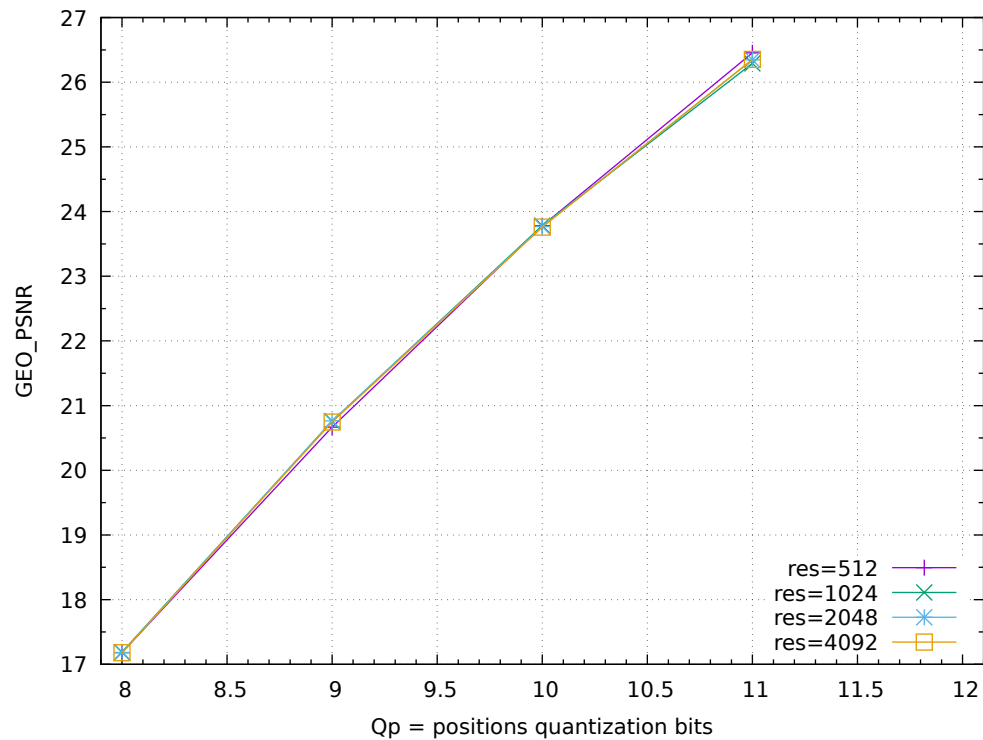


sw_raster

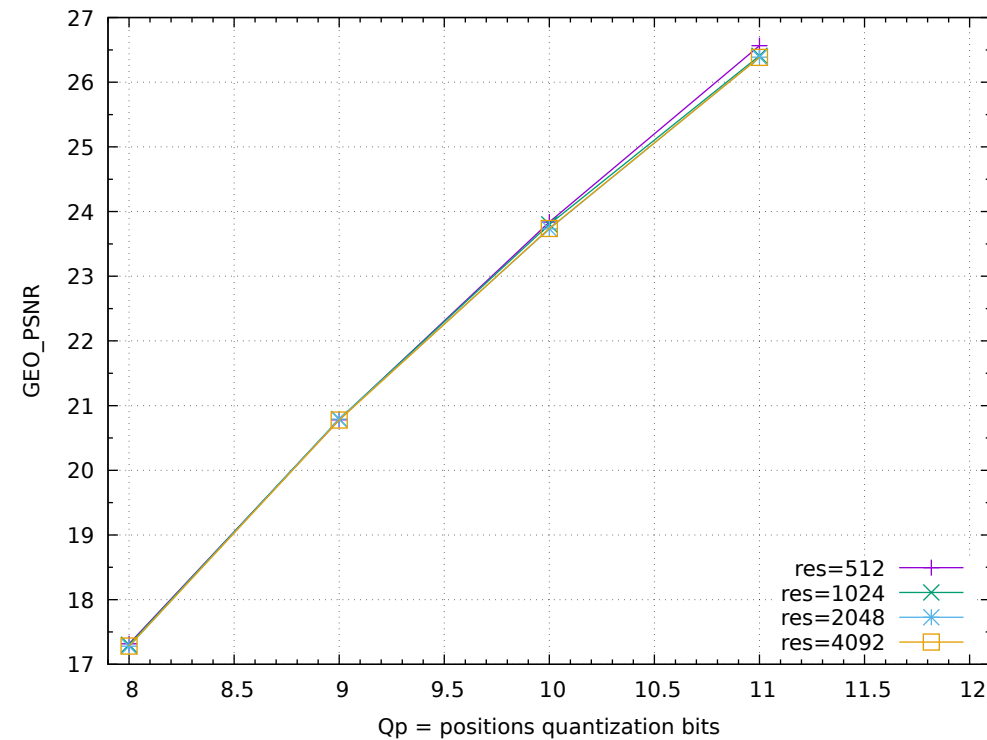


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - exercise_fr0301

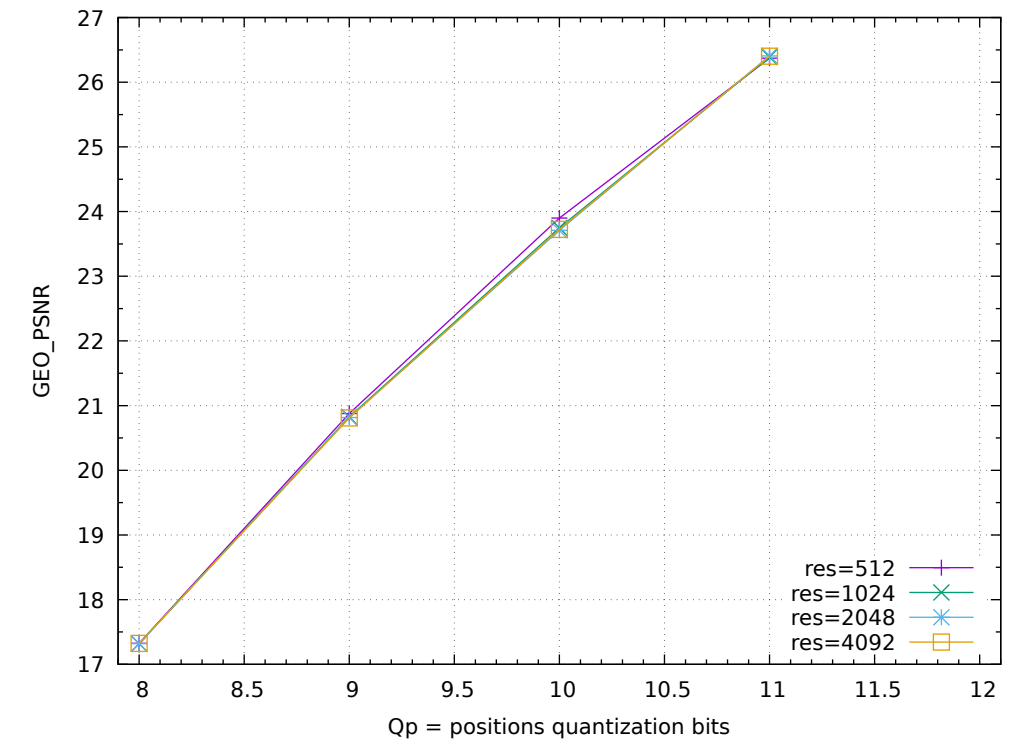
sw_raster views=16



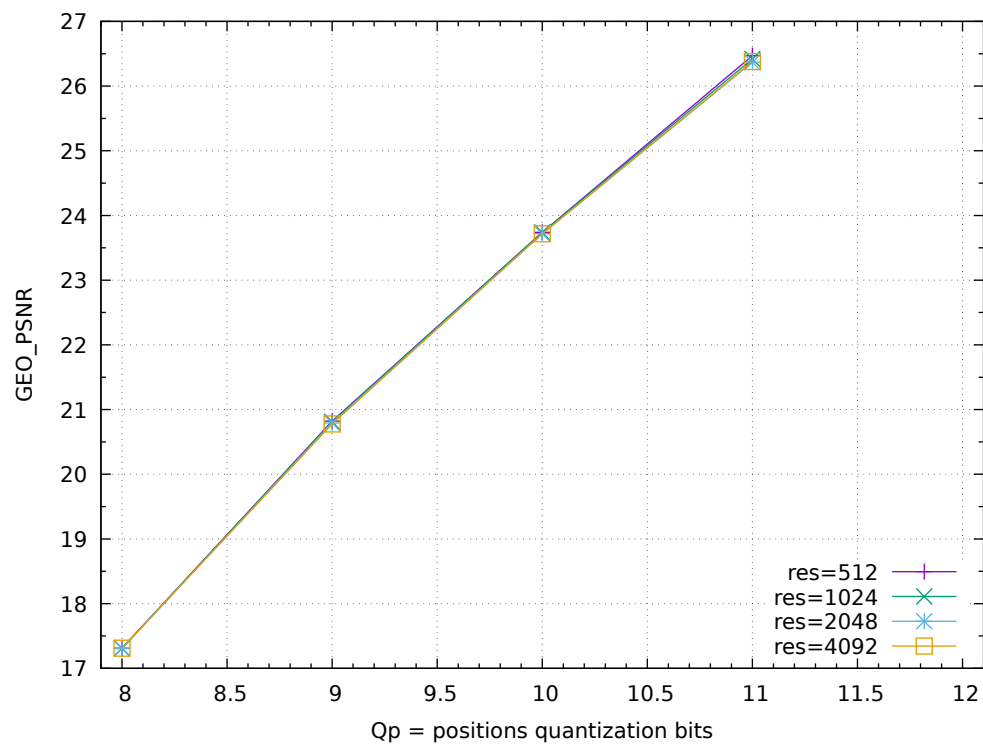
sw_raster views=18



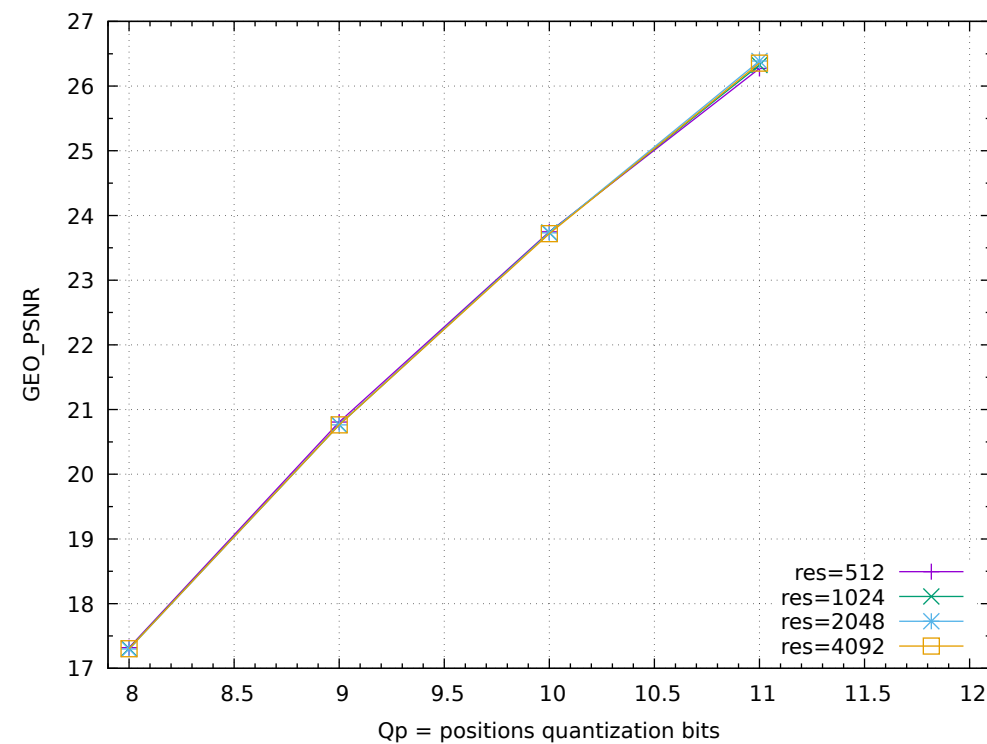
sw_raster views=24



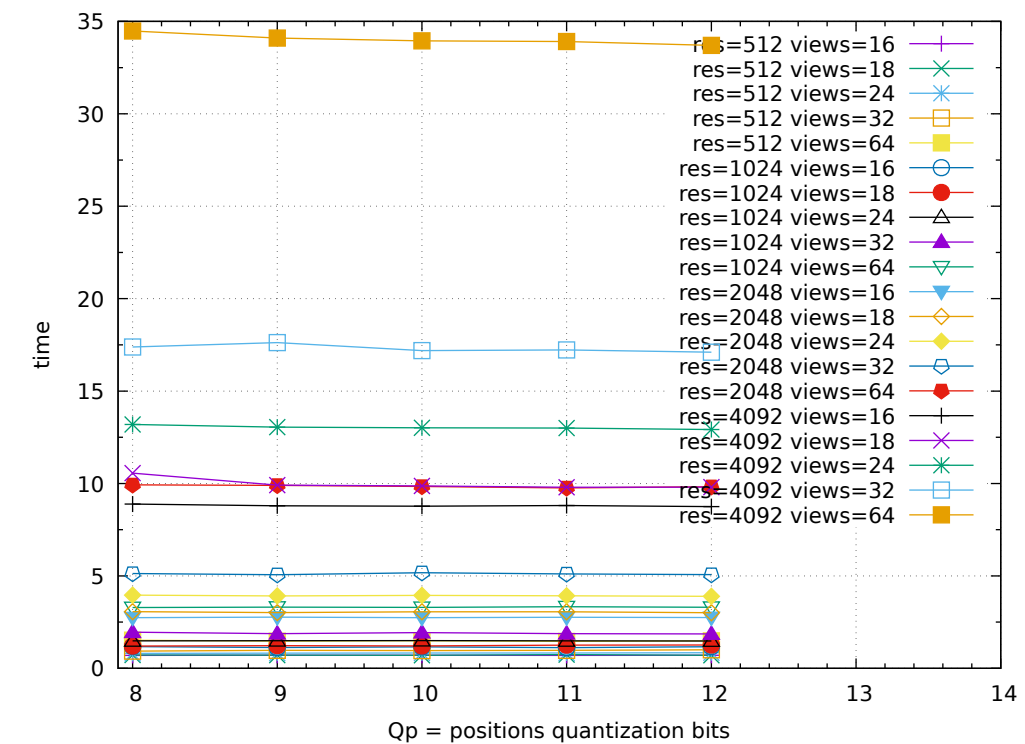
sw_raster views=32



sw_raster views=64

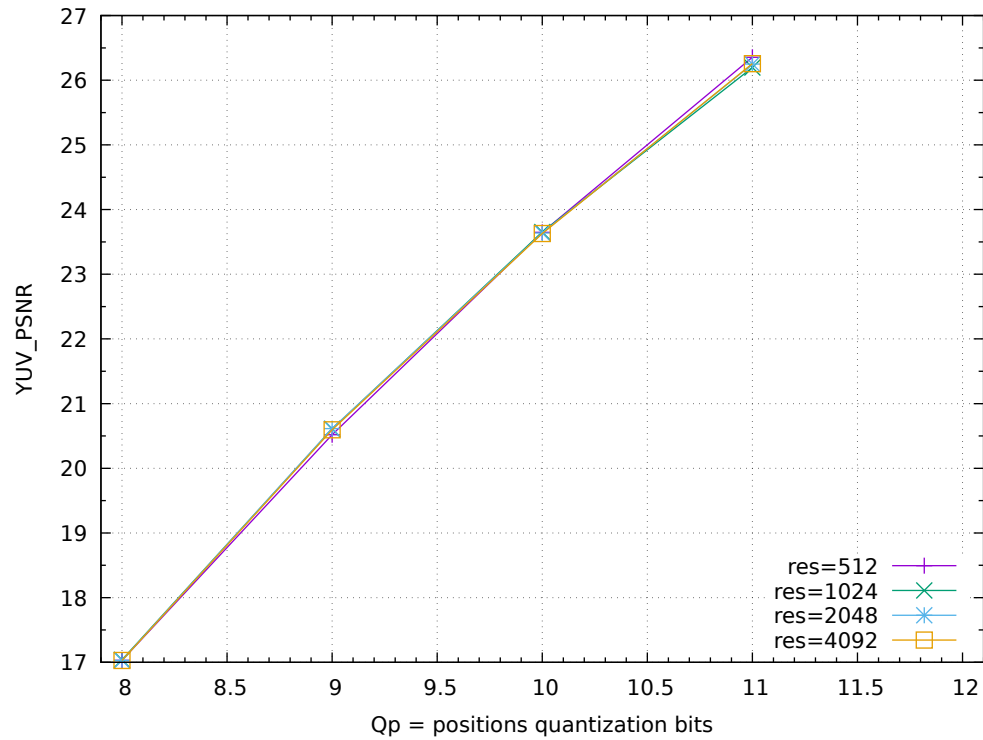


sw_raster

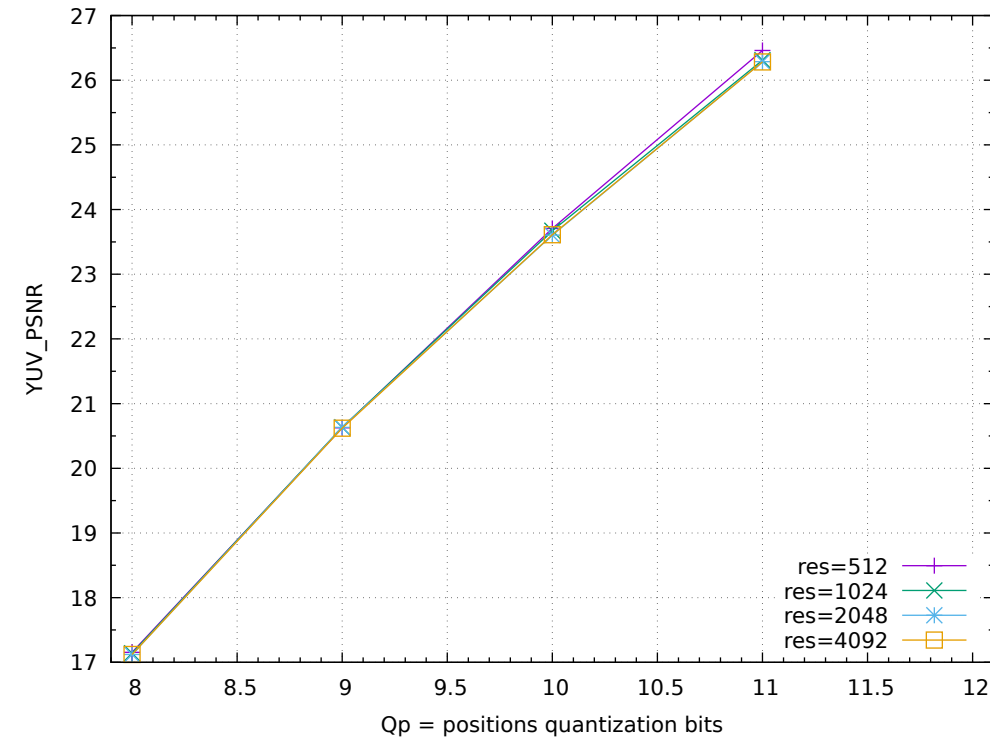


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - exercise_fr0301

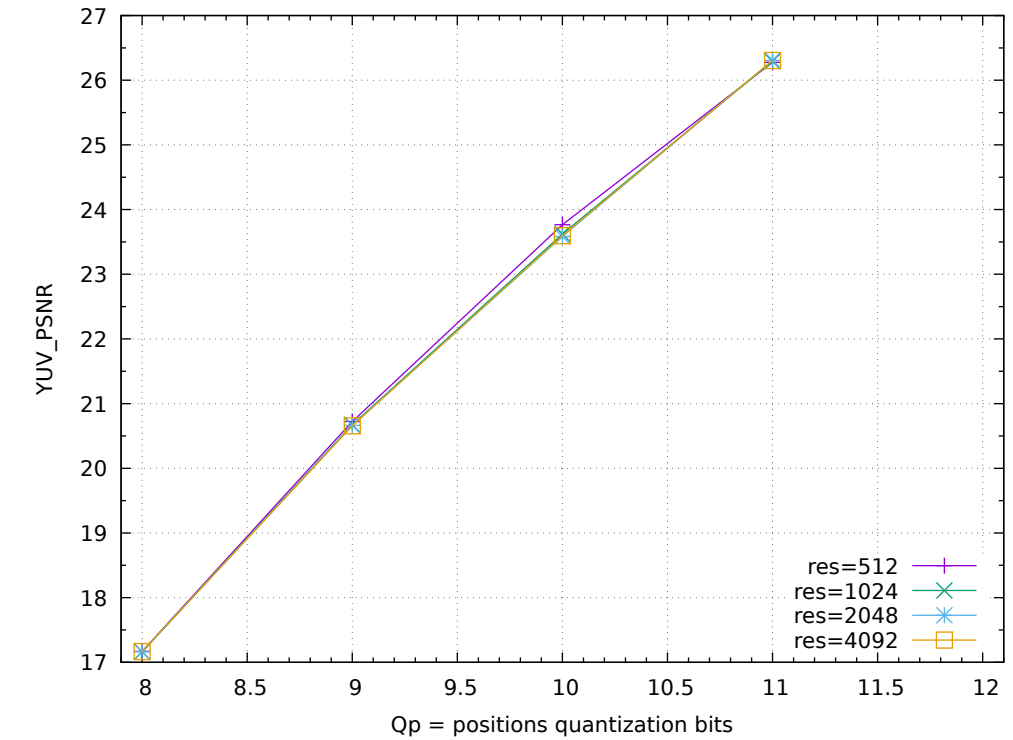
sw_raster views=16



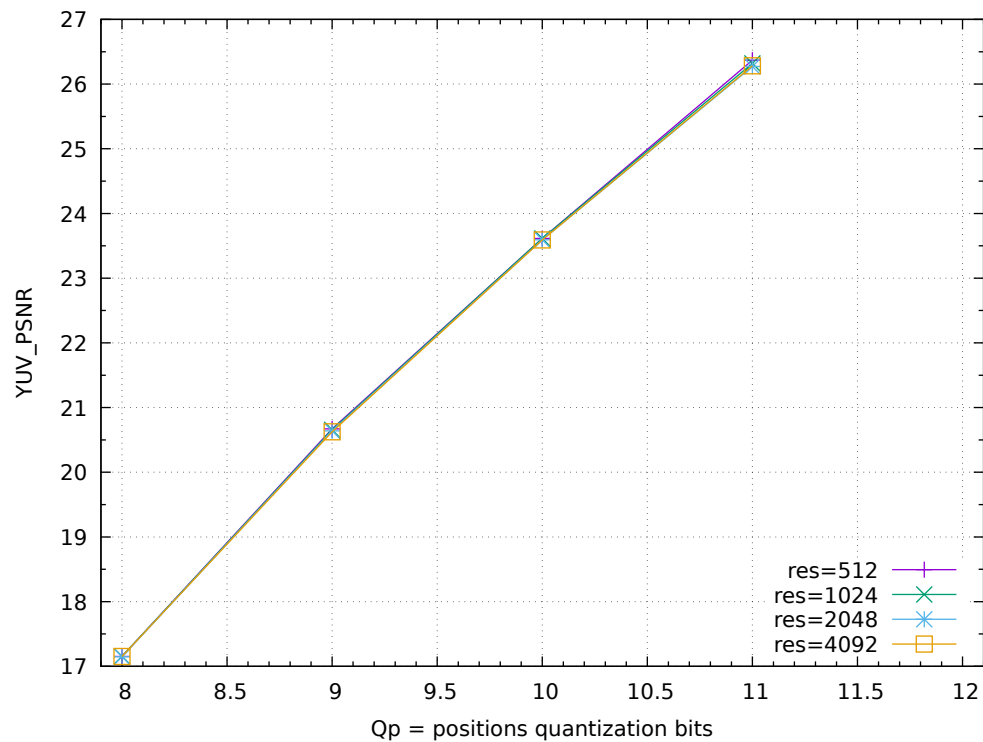
sw_raster views=18



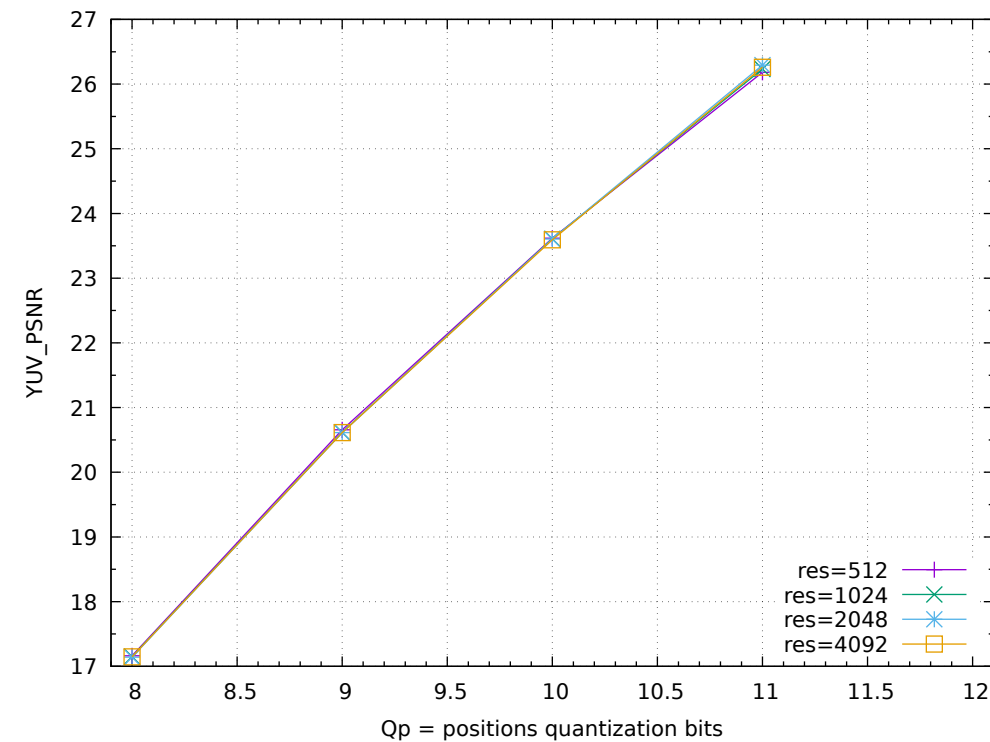
sw_raster views=24



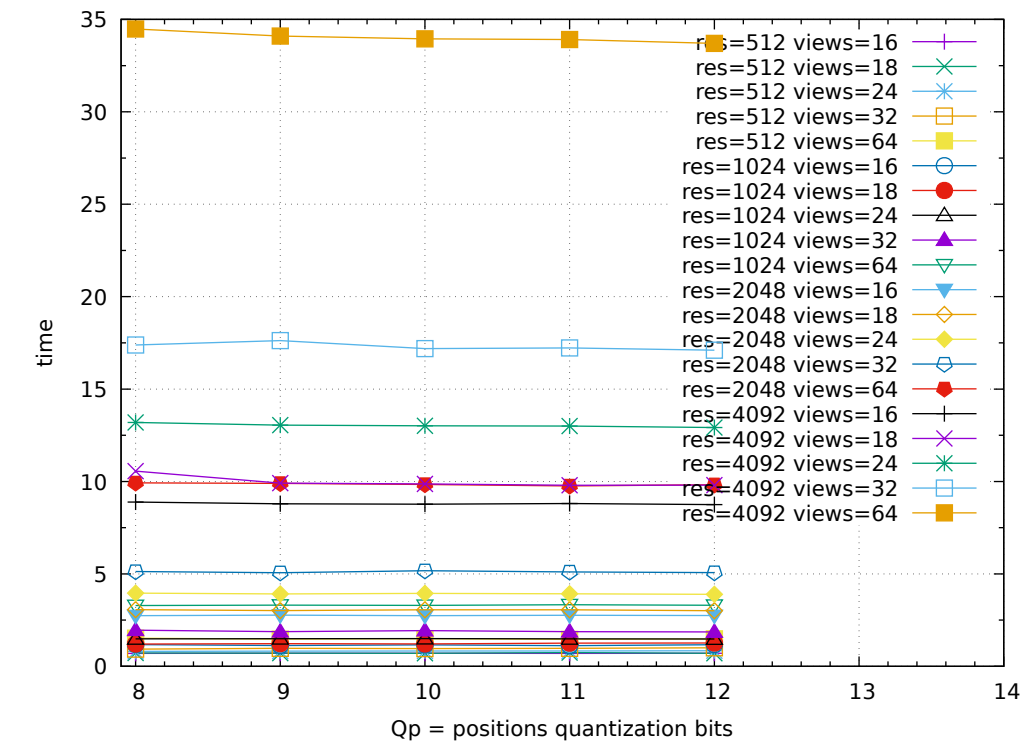
sw_raster views=32



sw_raster views=64

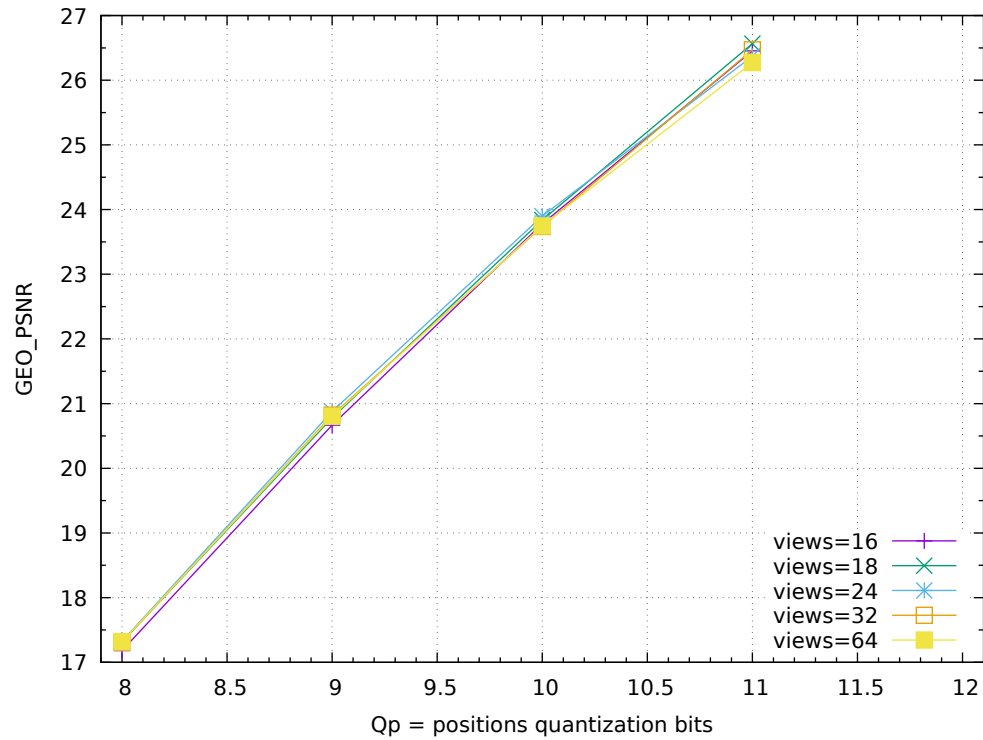


sw_raster

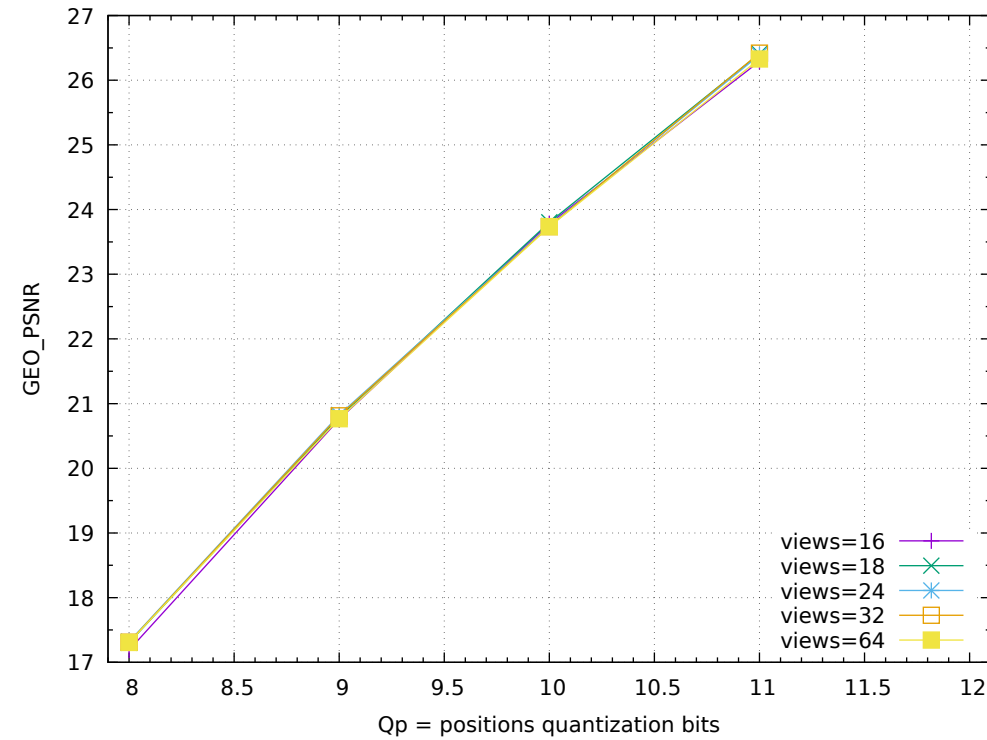


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - exercise_fr0301

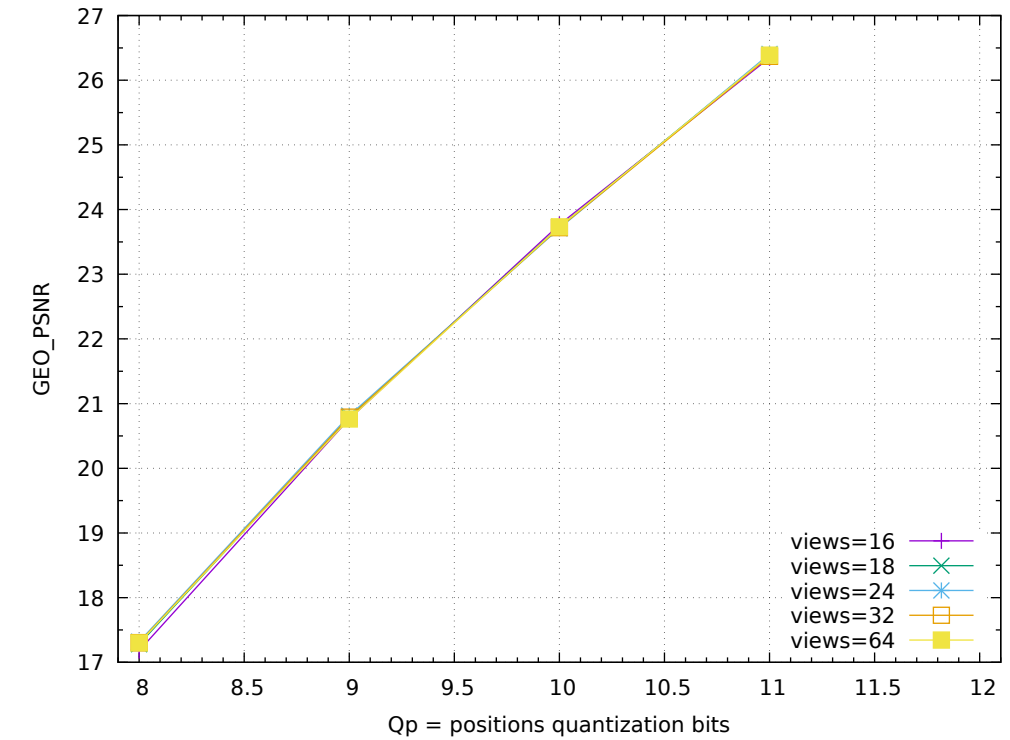
sw_raster res=512



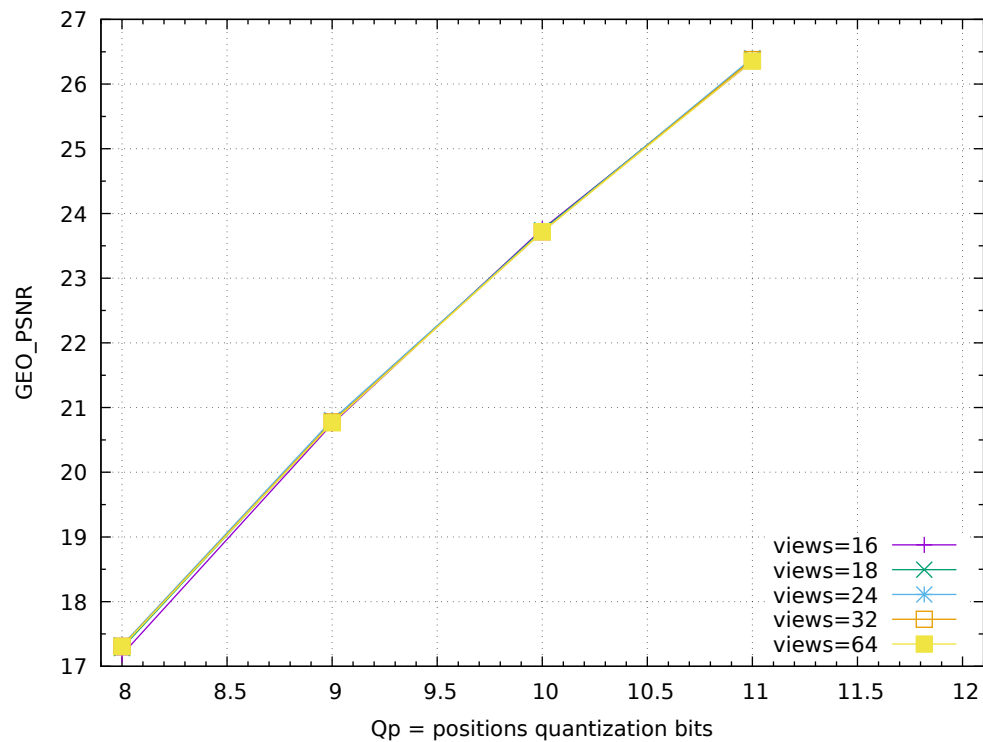
sw_raster res=1024



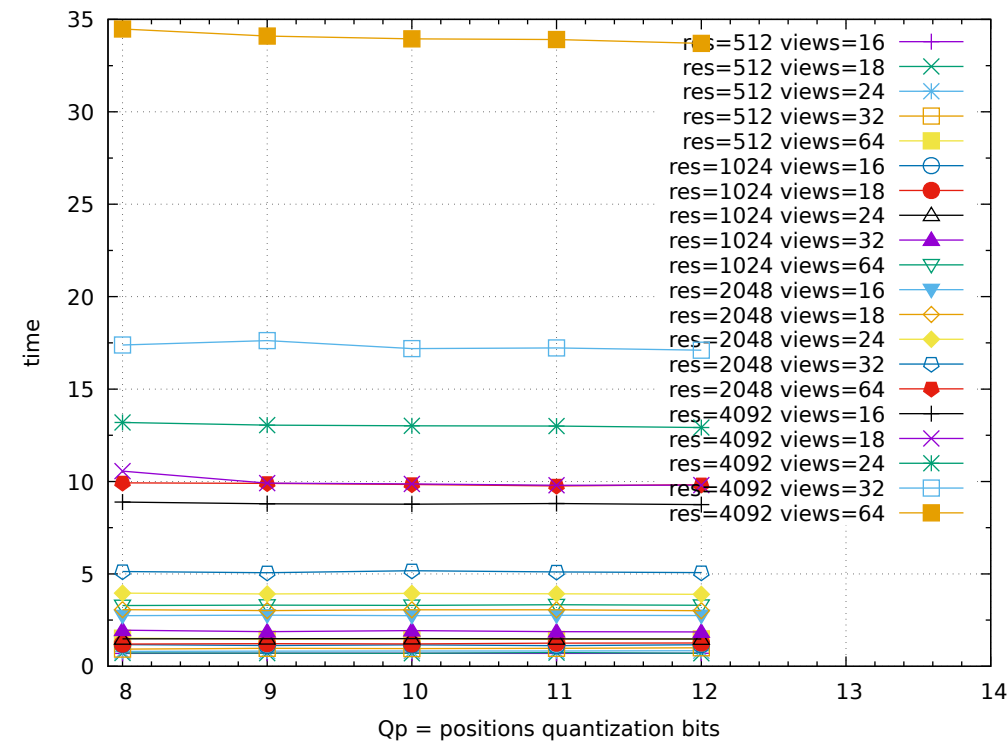
sw_raster res=2048



sw_raster res=4092

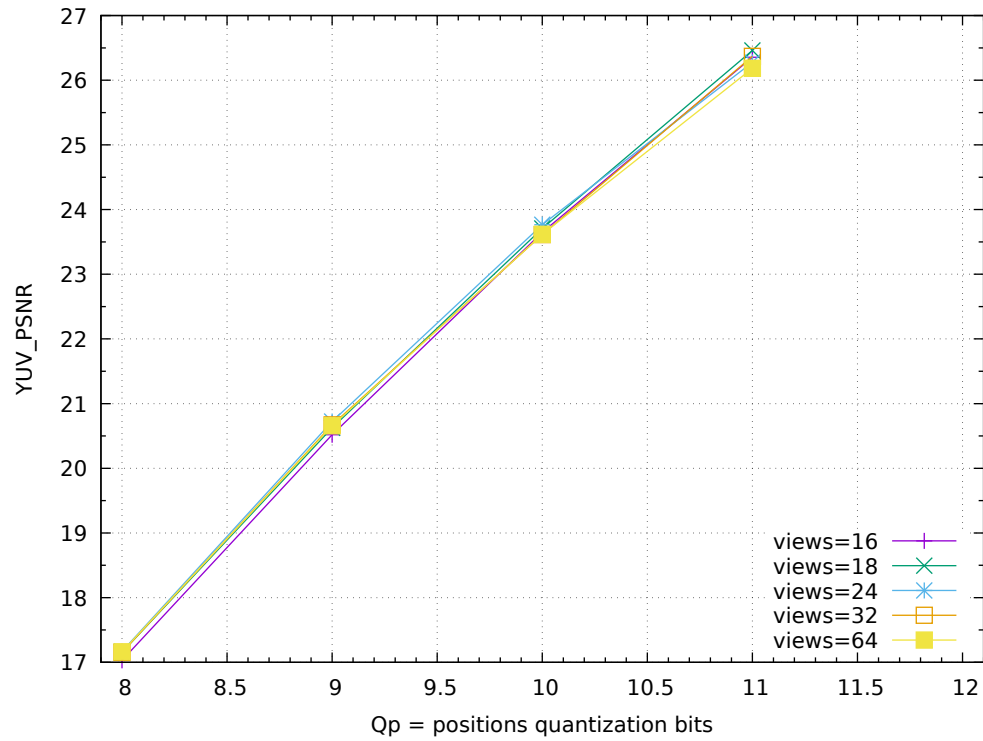


sw_raster

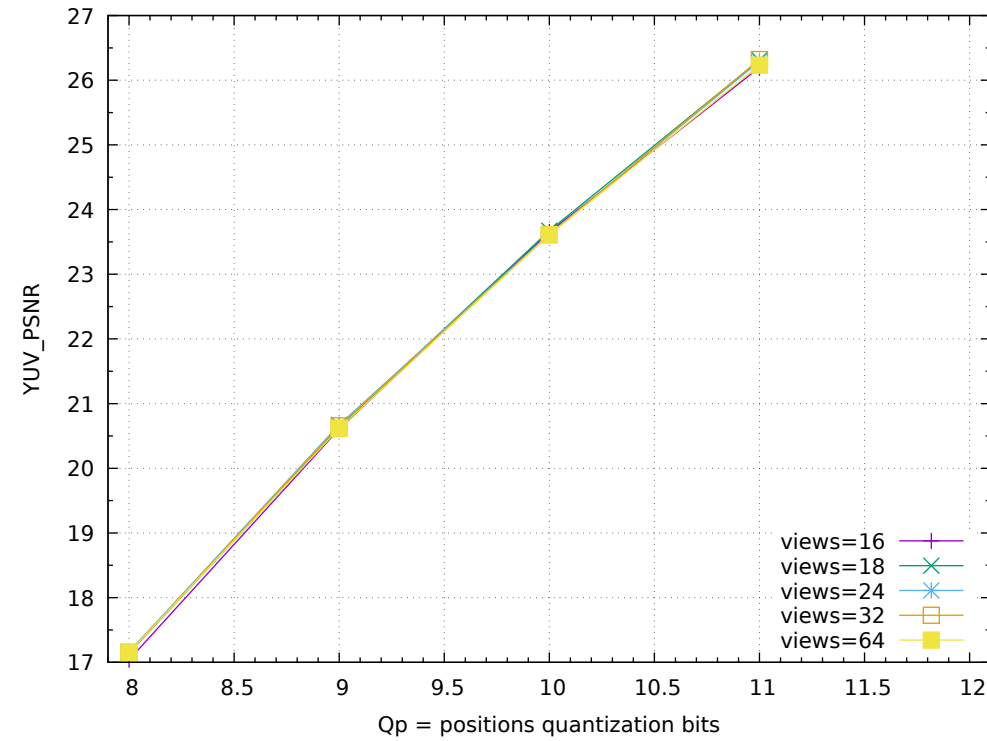


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - exercise_fr0301

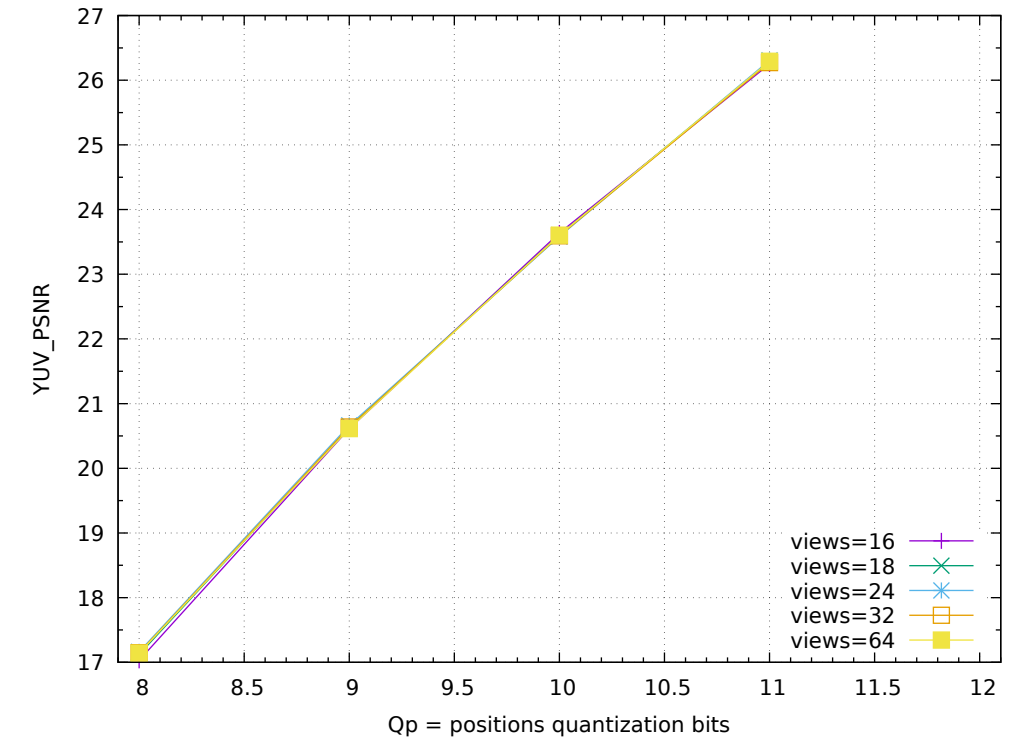
sw_raster res=512



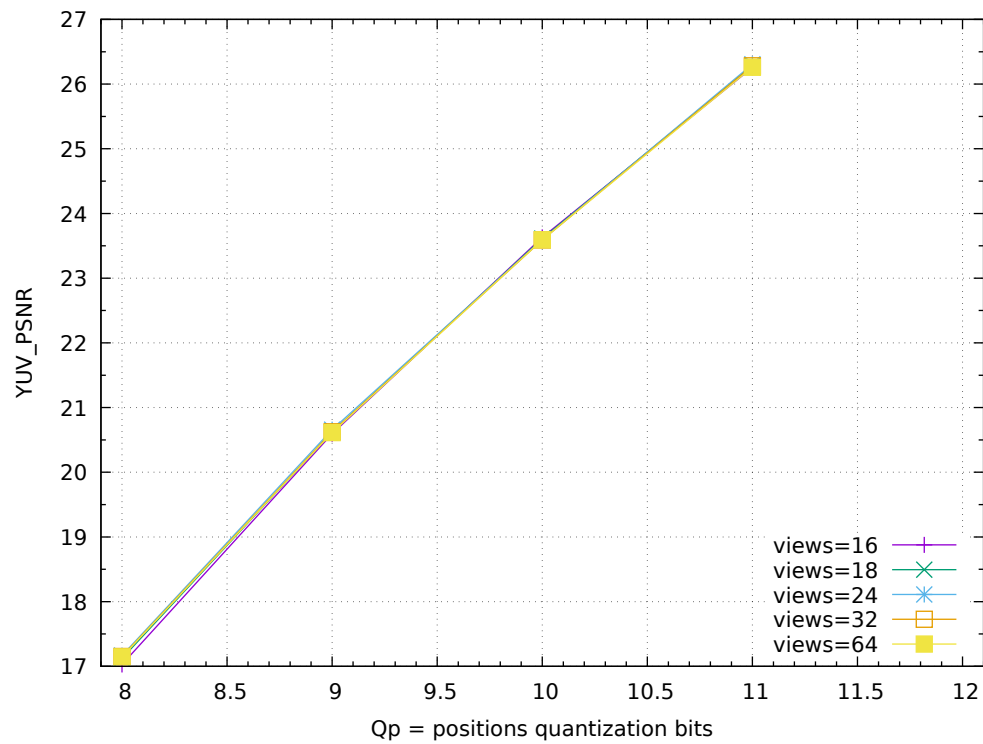
sw_raster res=1024



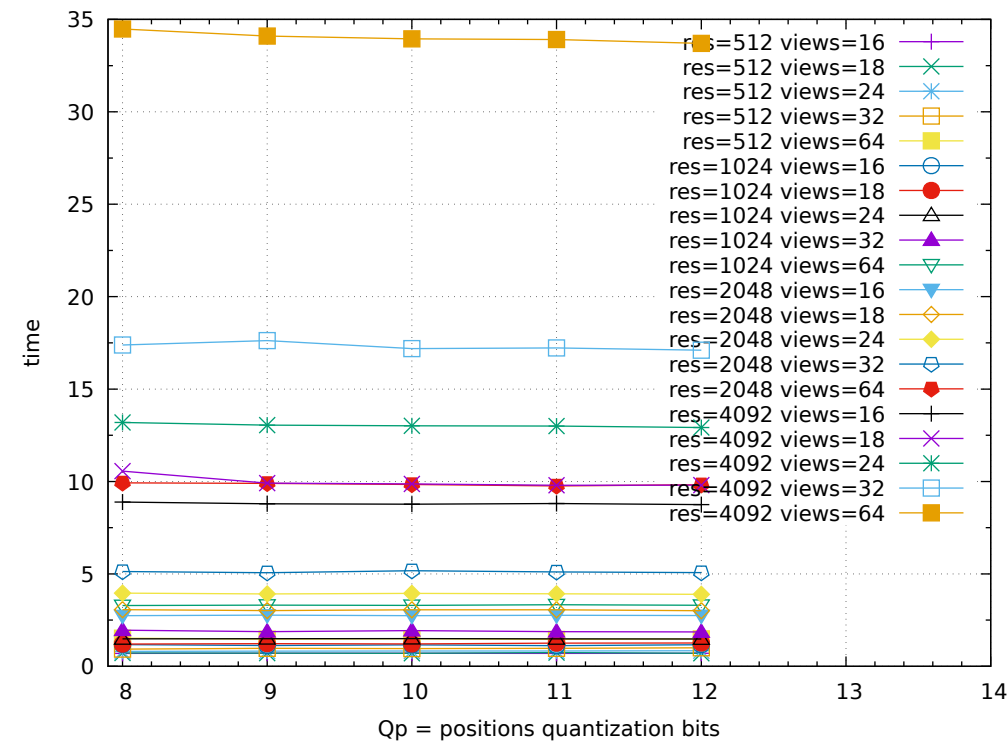
sw_raster res=2048



sw_raster res=4092

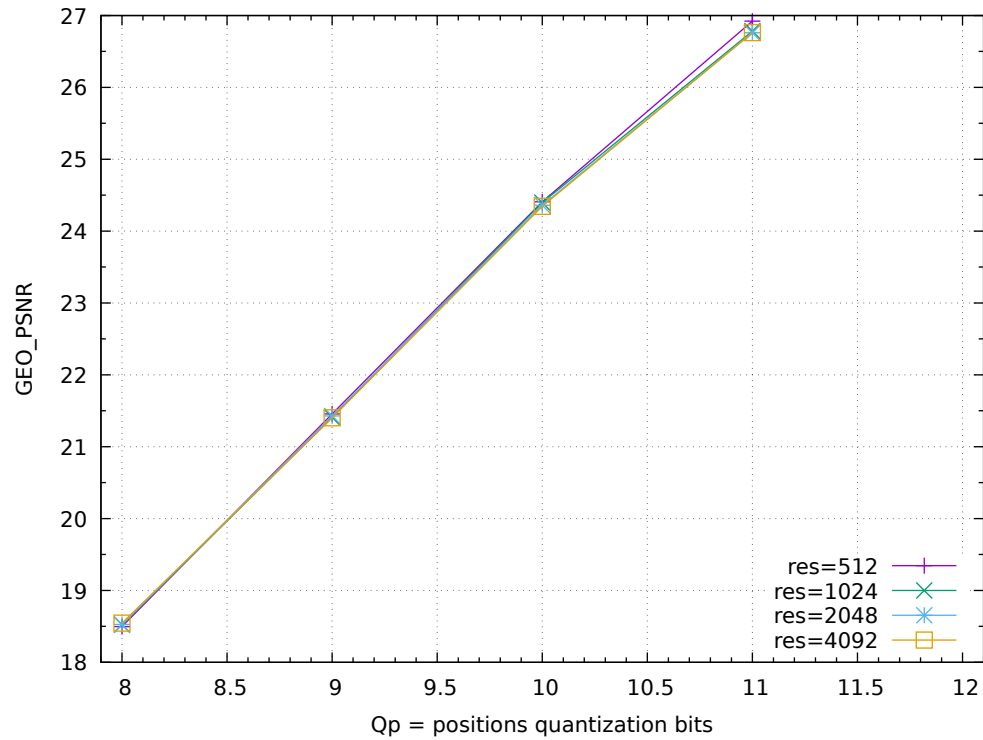


sw_raster

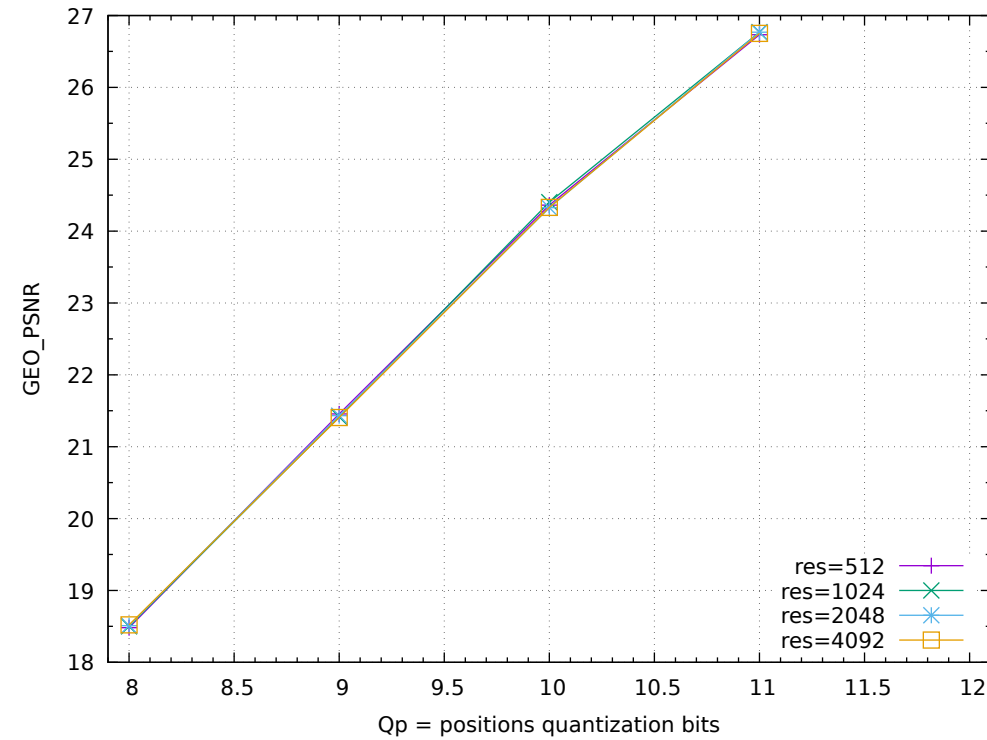


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - thomas_fr0618

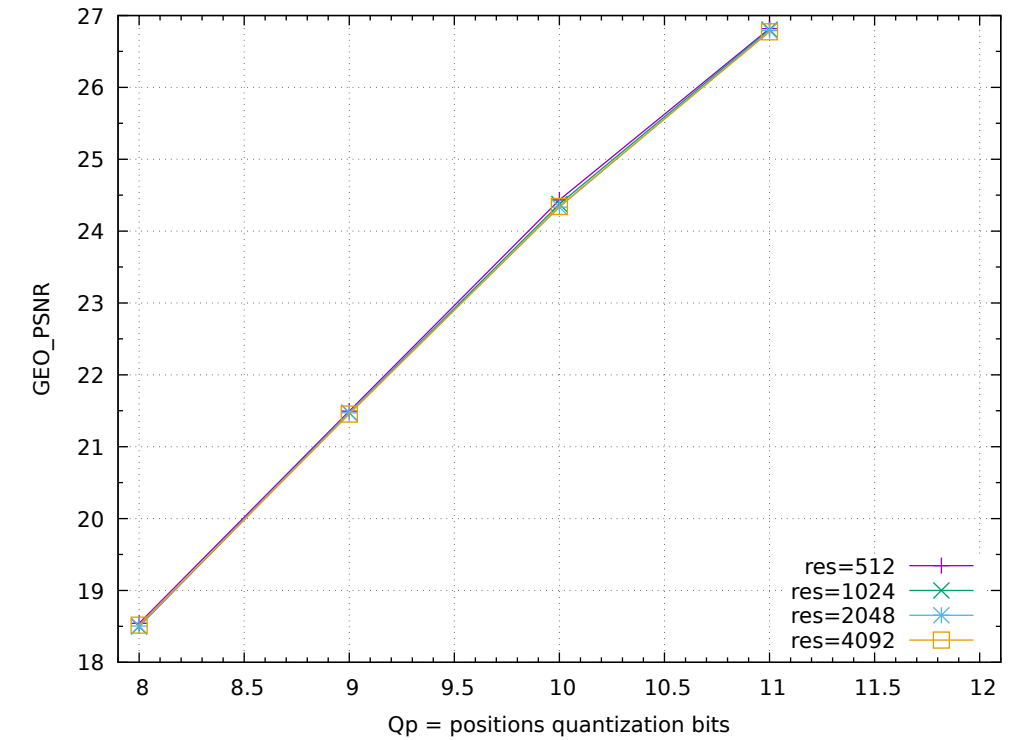
sw_raster views=16



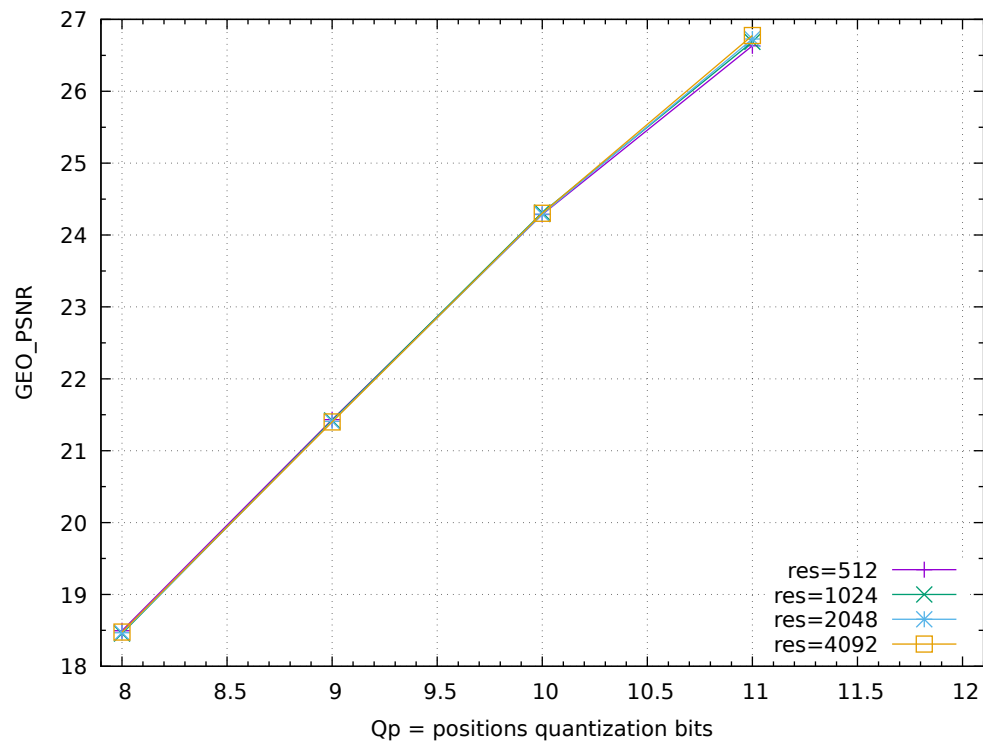
sw_raster views=18



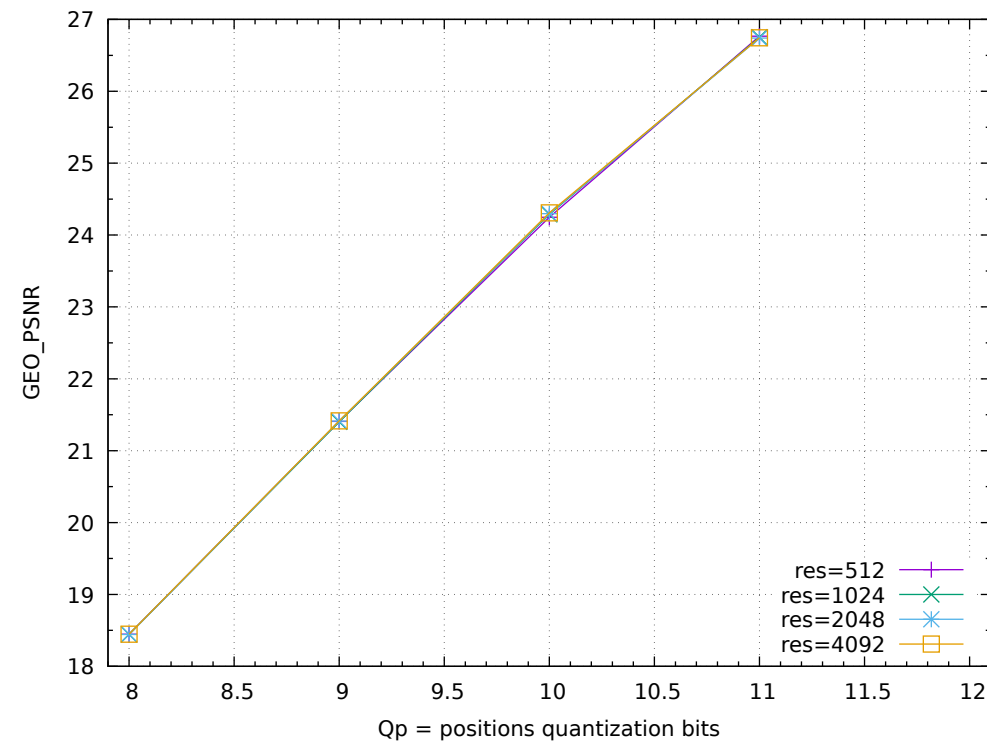
sw_raster views=24



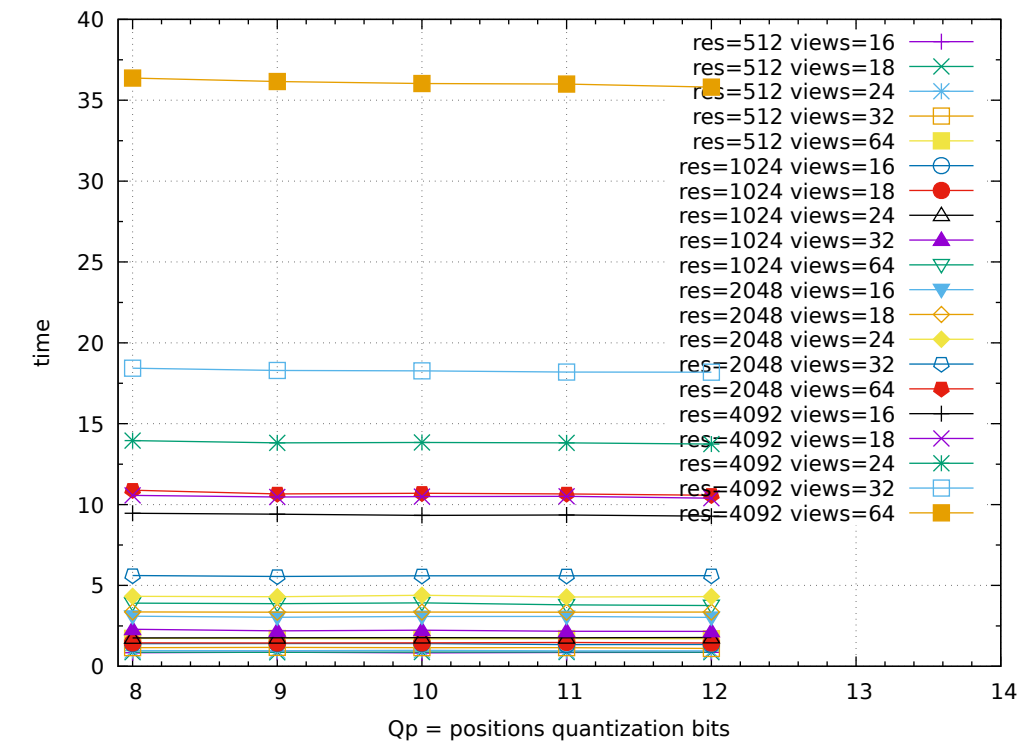
sw_raster views=32



sw_raster views=64

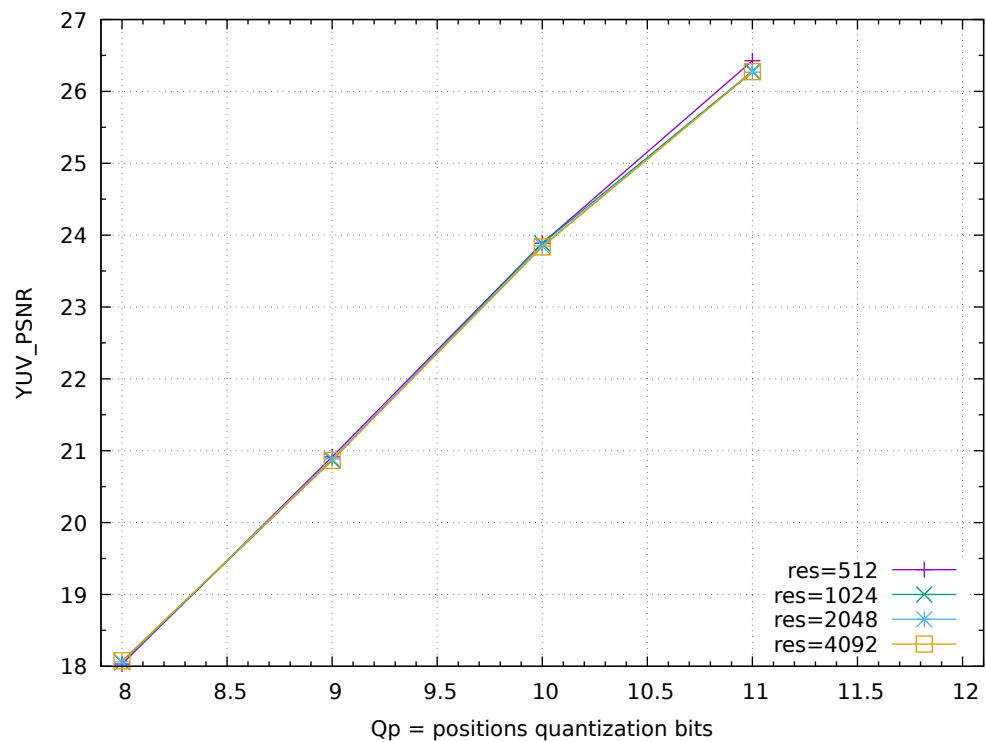


sw_raster

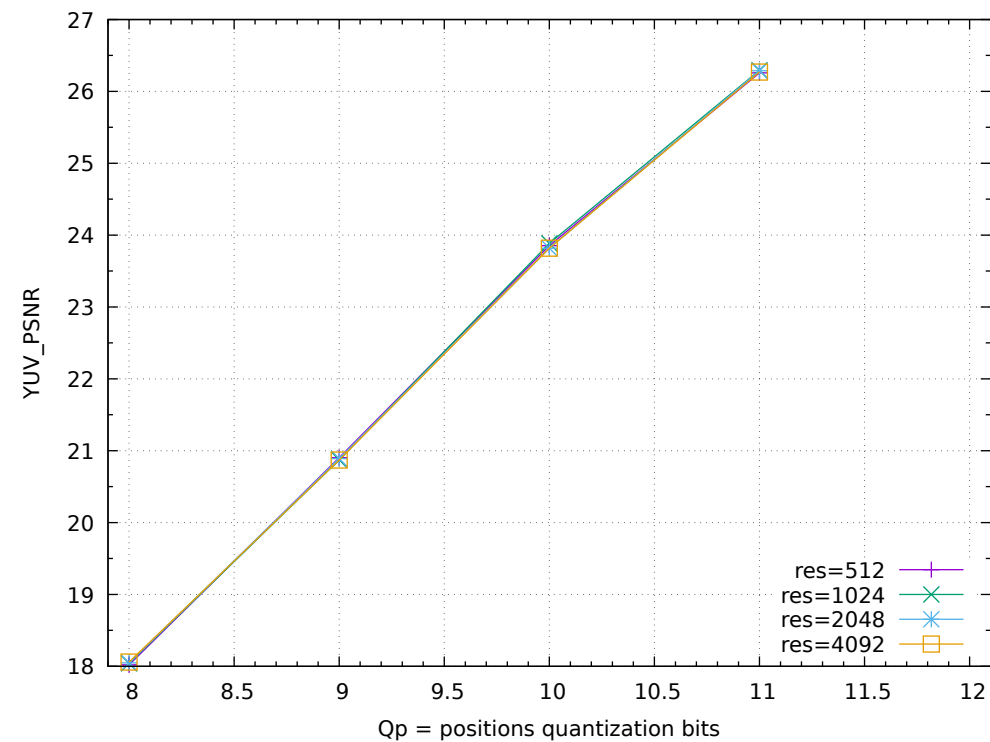


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - thomas_fr0618

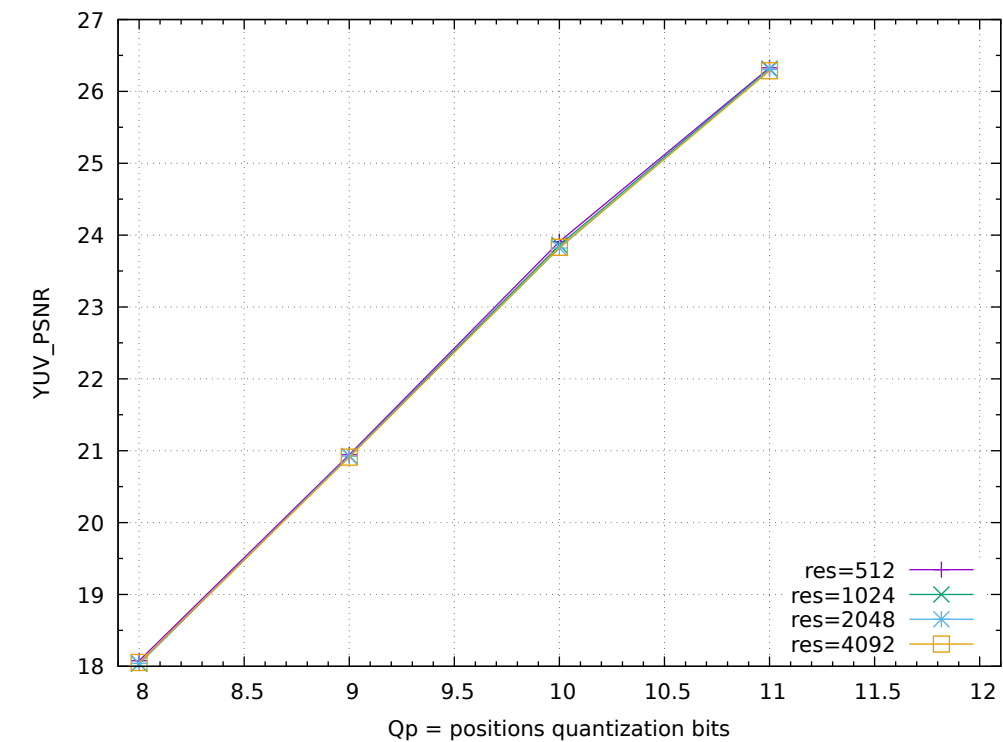
sw_raster views=16



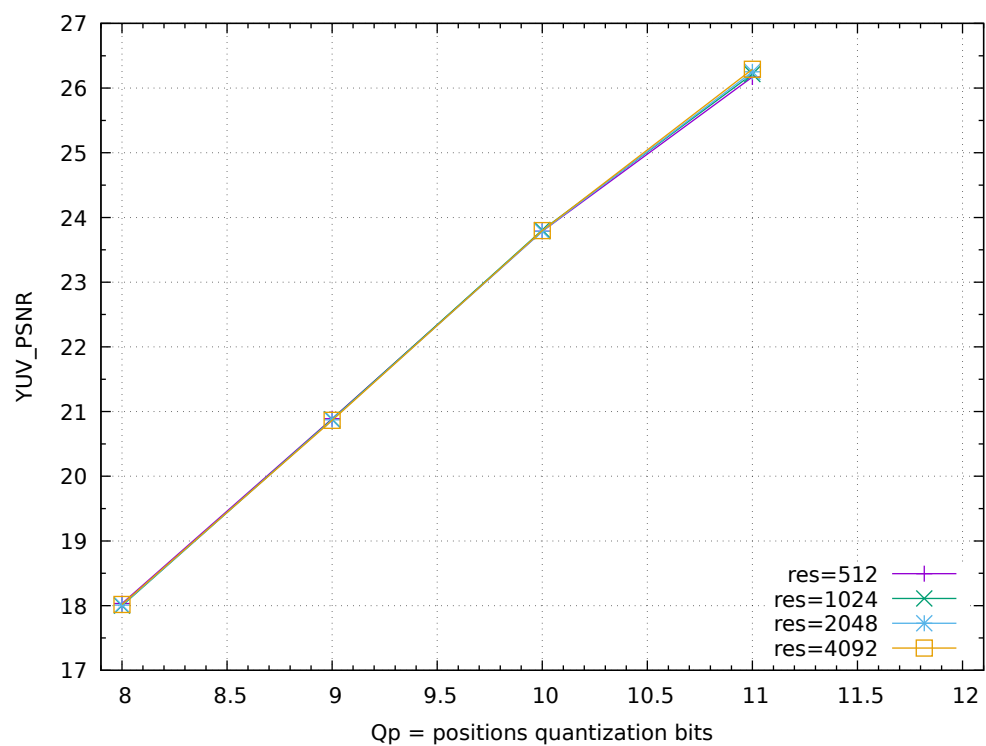
sw_raster views=18



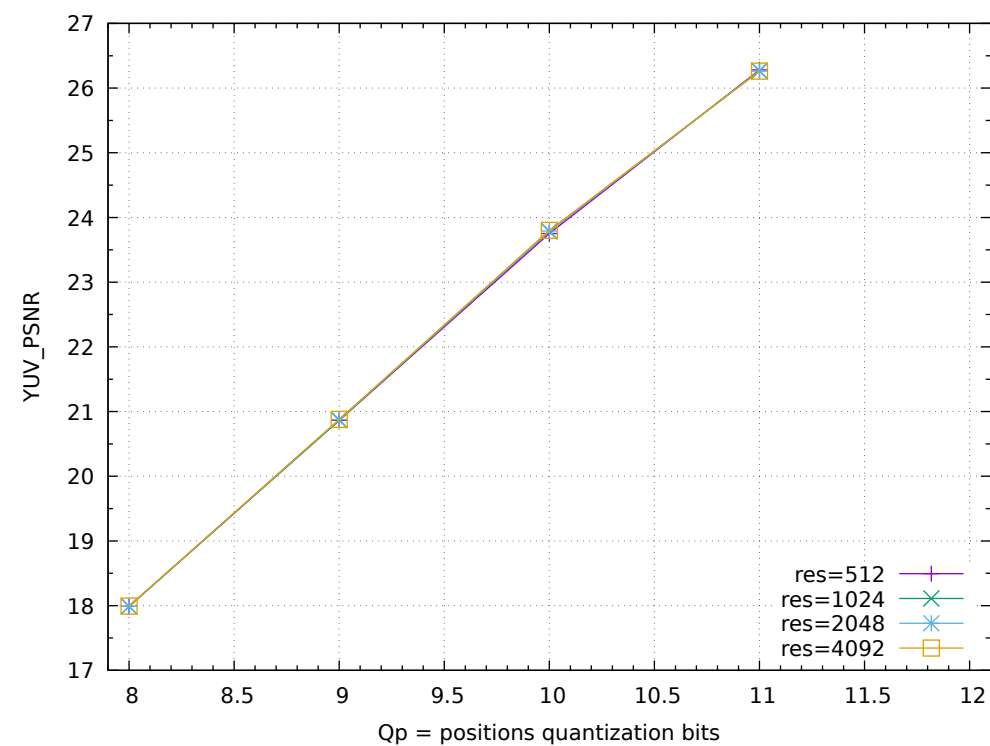
sw_raster views=24



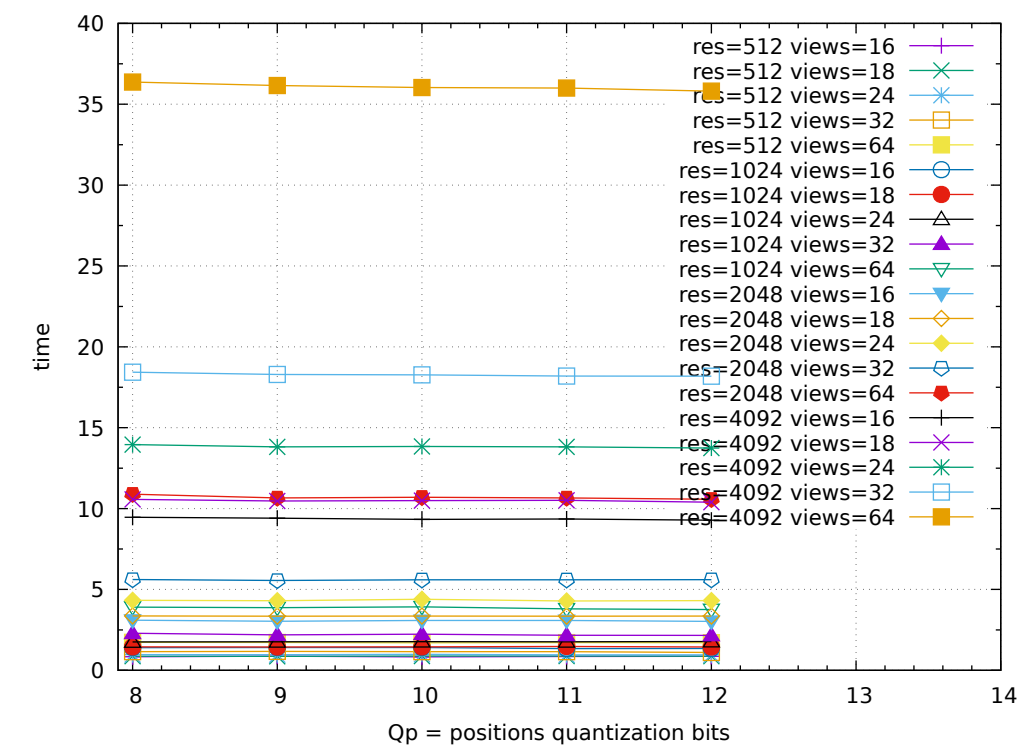
sw_raster views=32



sw_raster views=64

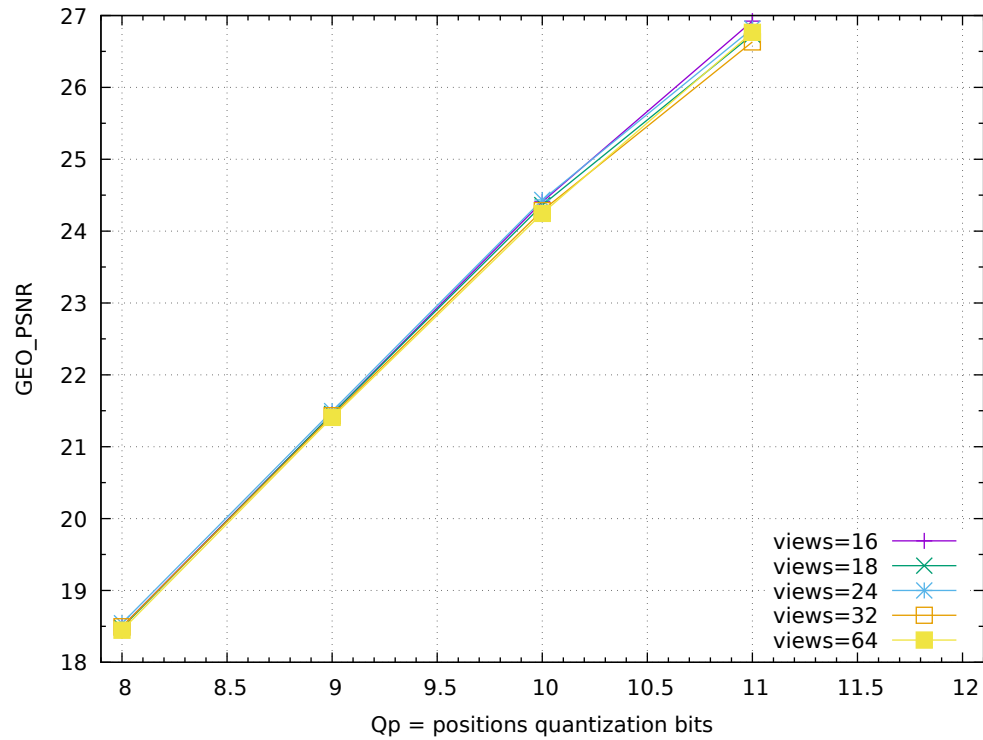


sw_raster

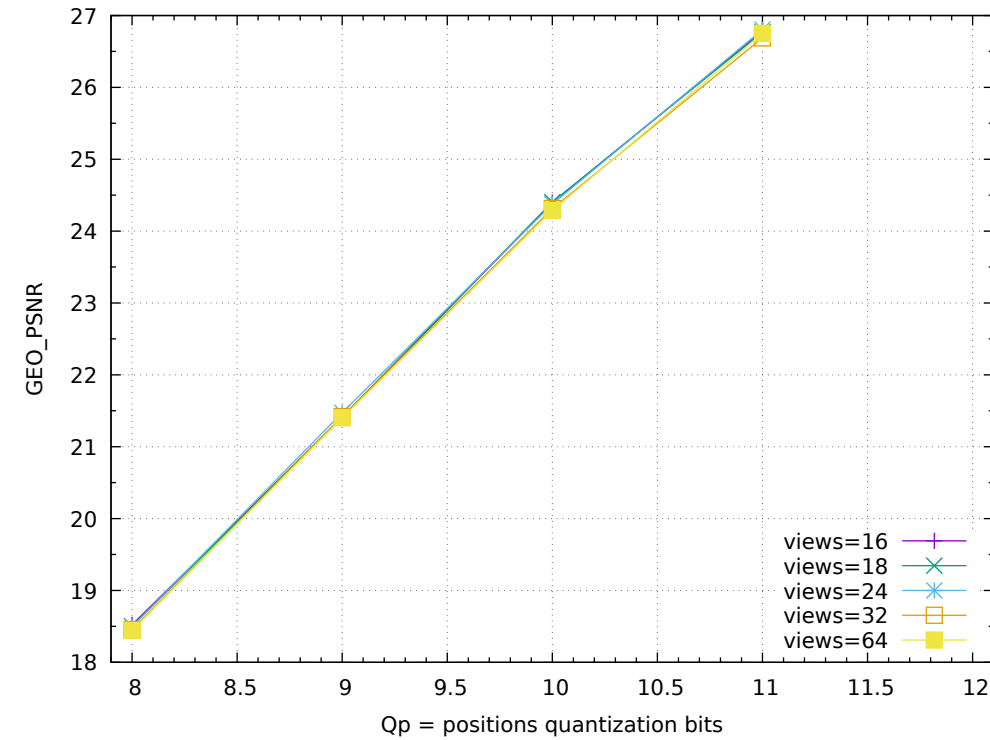


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - thomas_fr0618

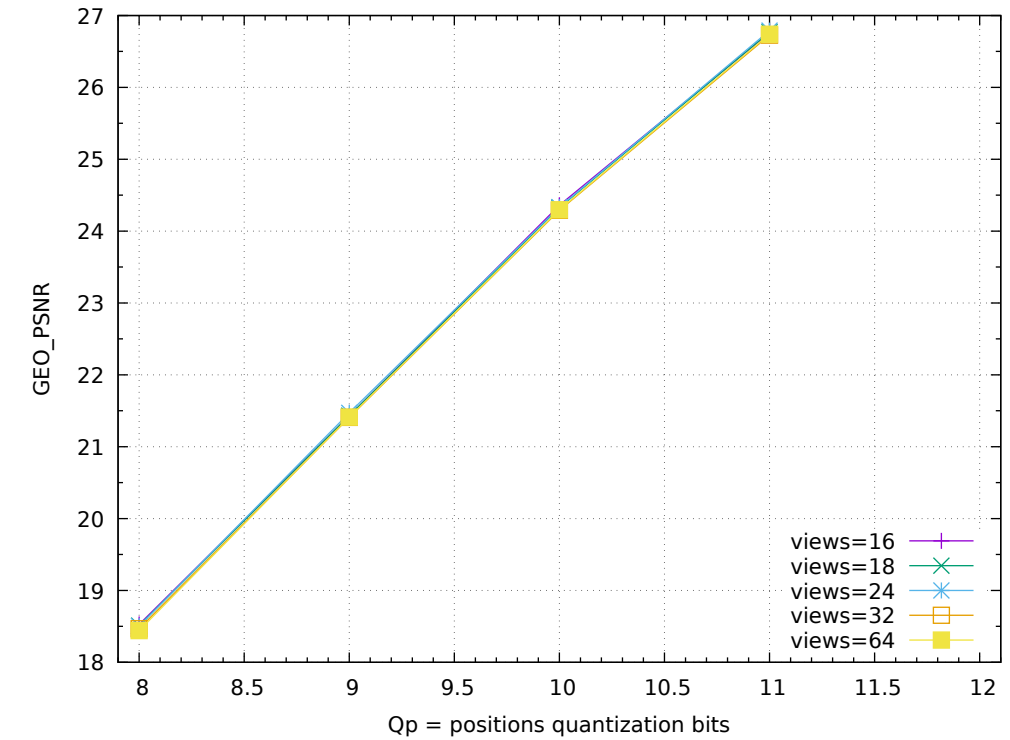
sw_raster res=512



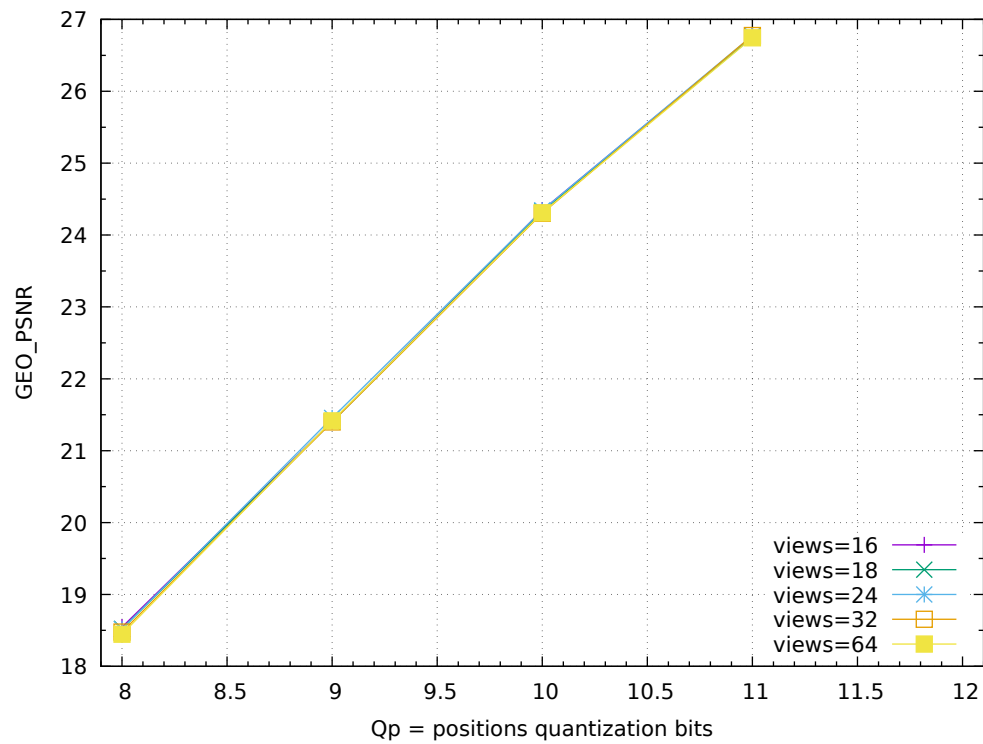
sw_raster res=1024



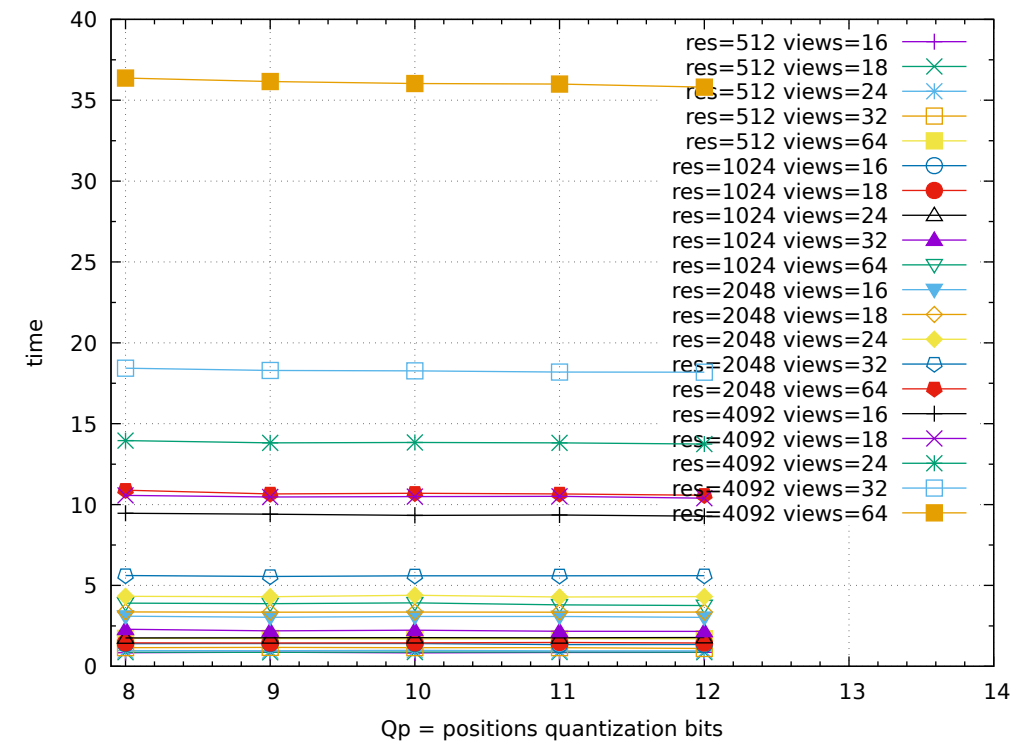
sw_raster res=2048



sw_raster res=4092

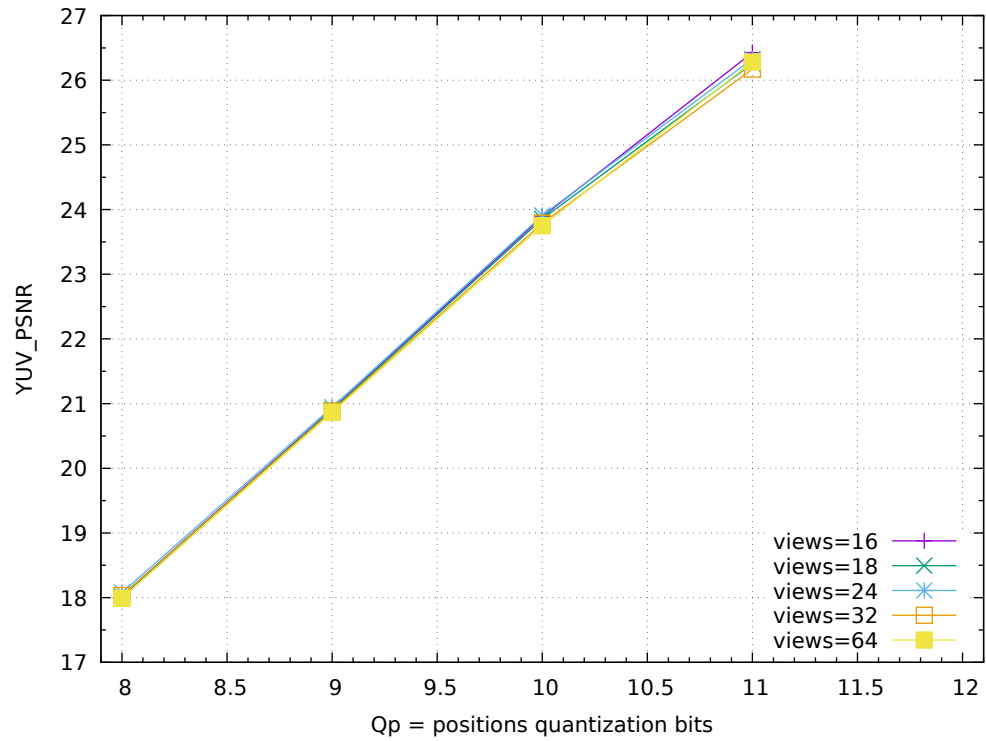


sw_raster

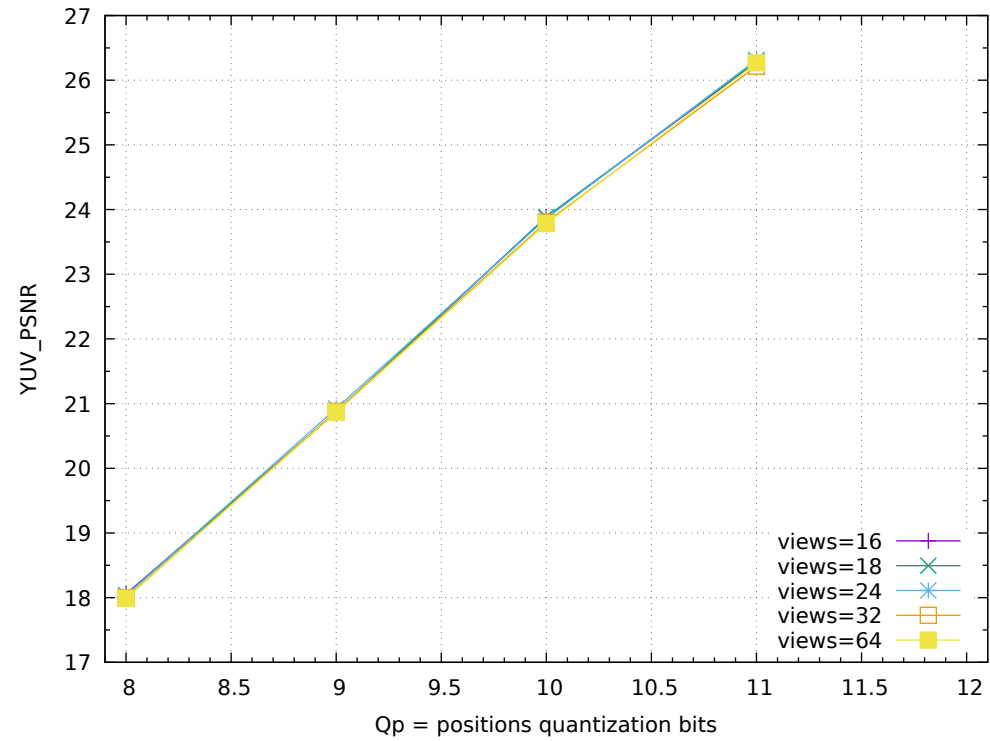


raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - thomas_fr0618

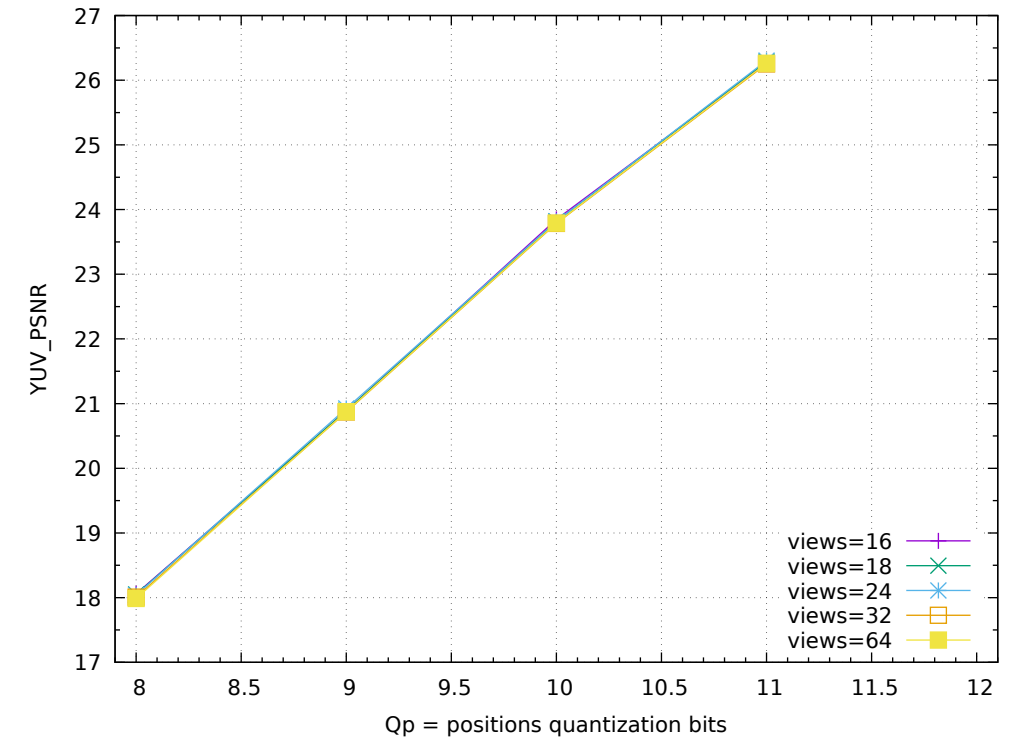
sw_raster res=512



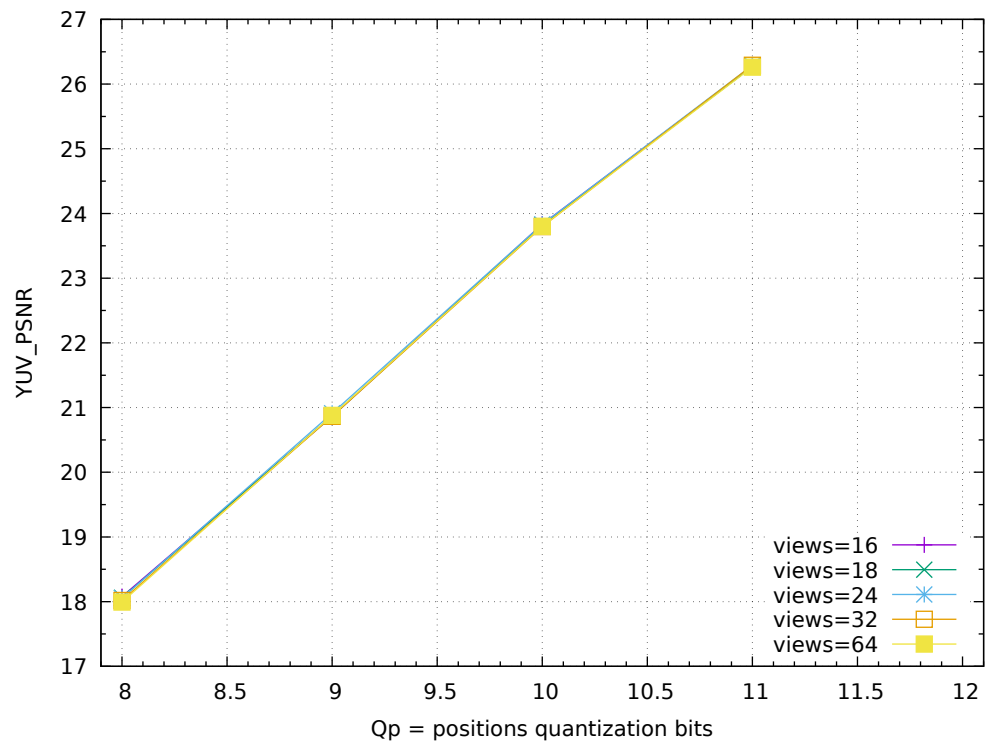
sw_raster res=1024



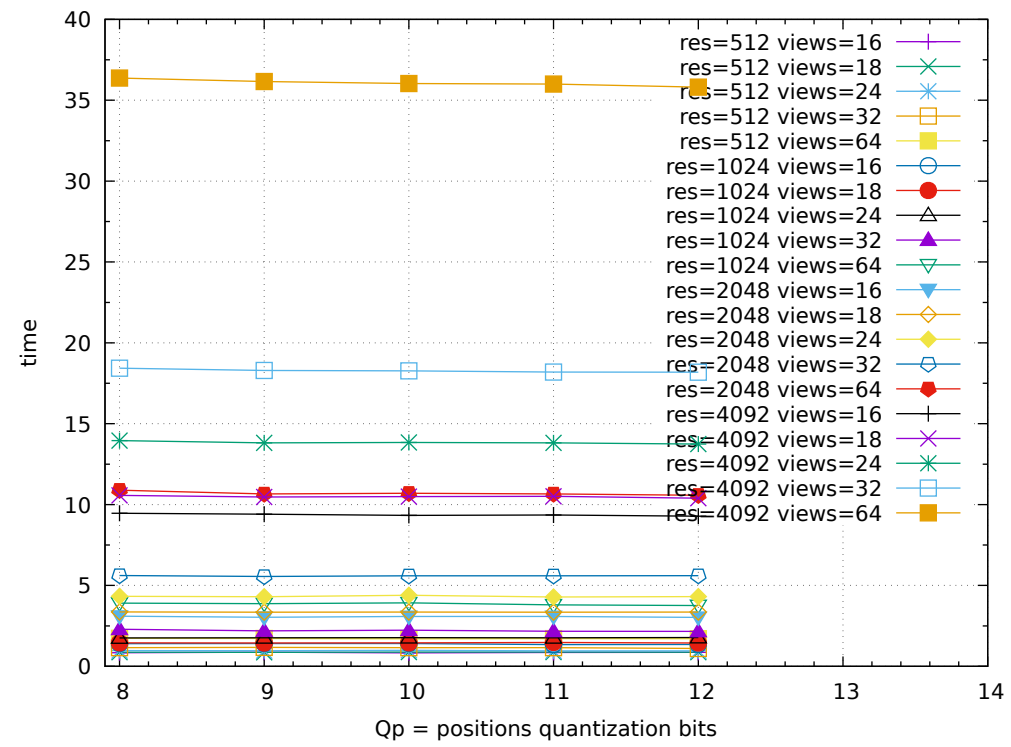
sw_raster res=2048



sw_raster res=4092

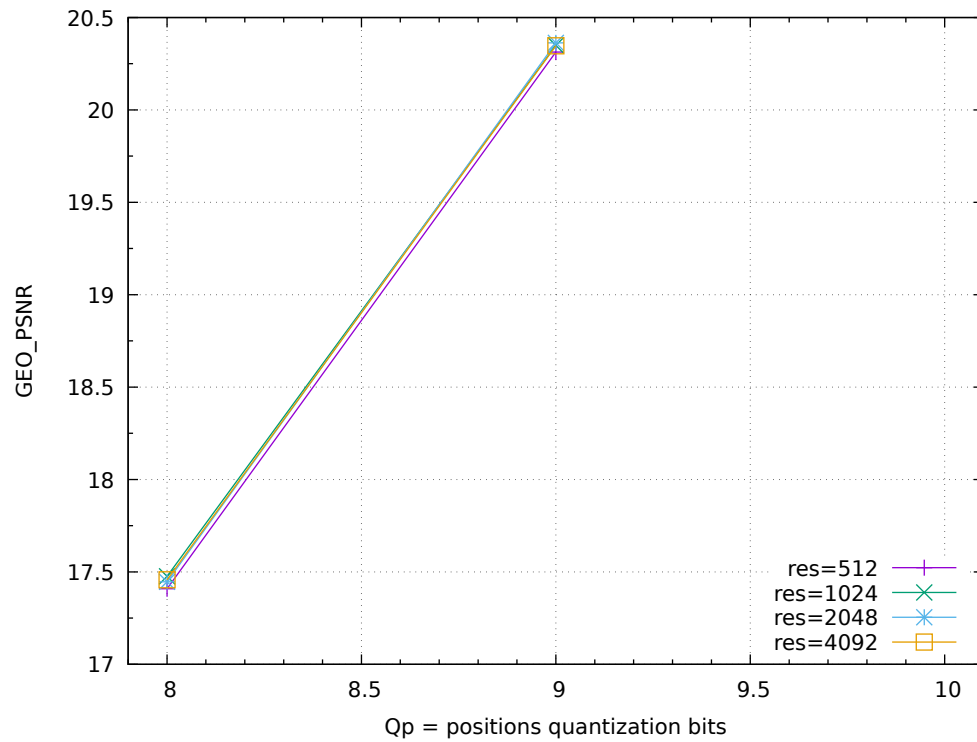


sw_raster

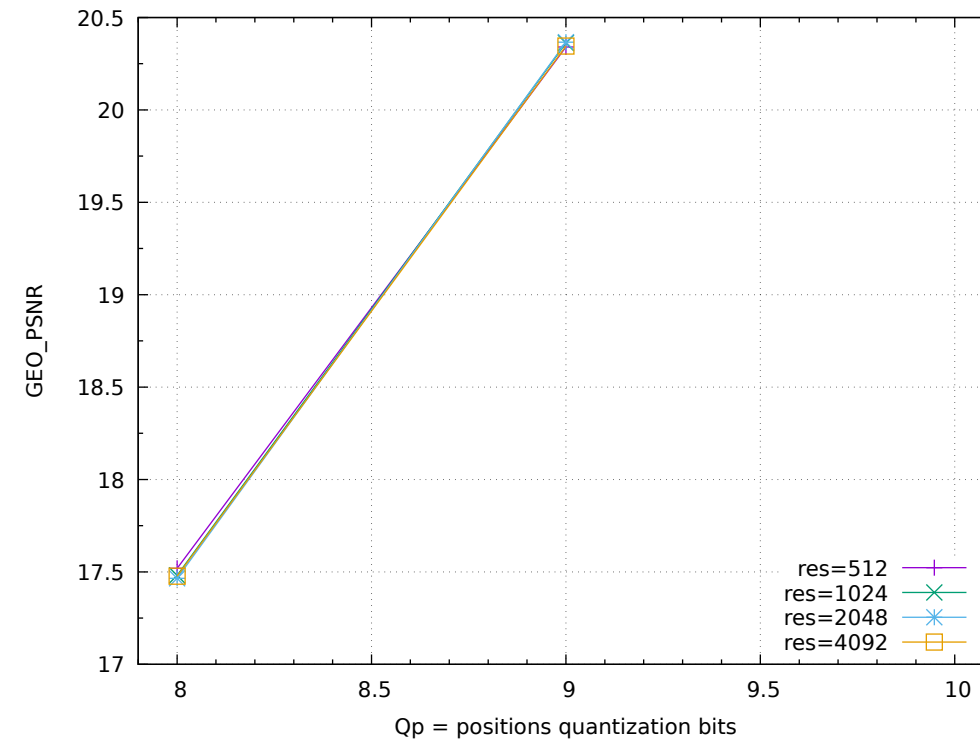


raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - loot_fr1000

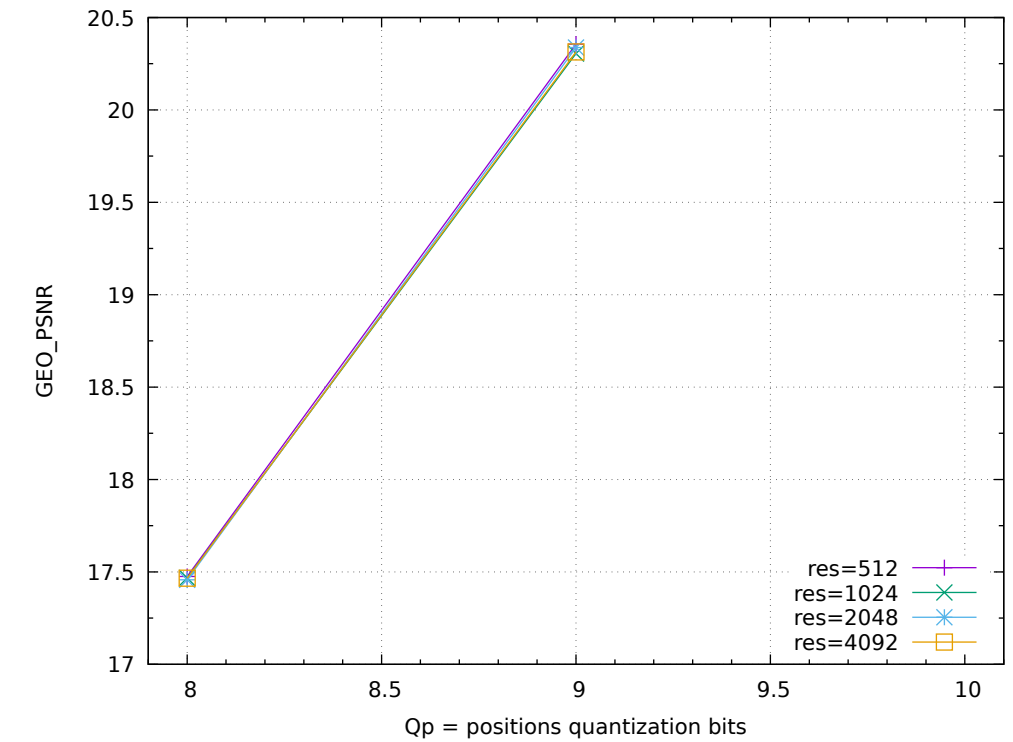
sw_raster views=16



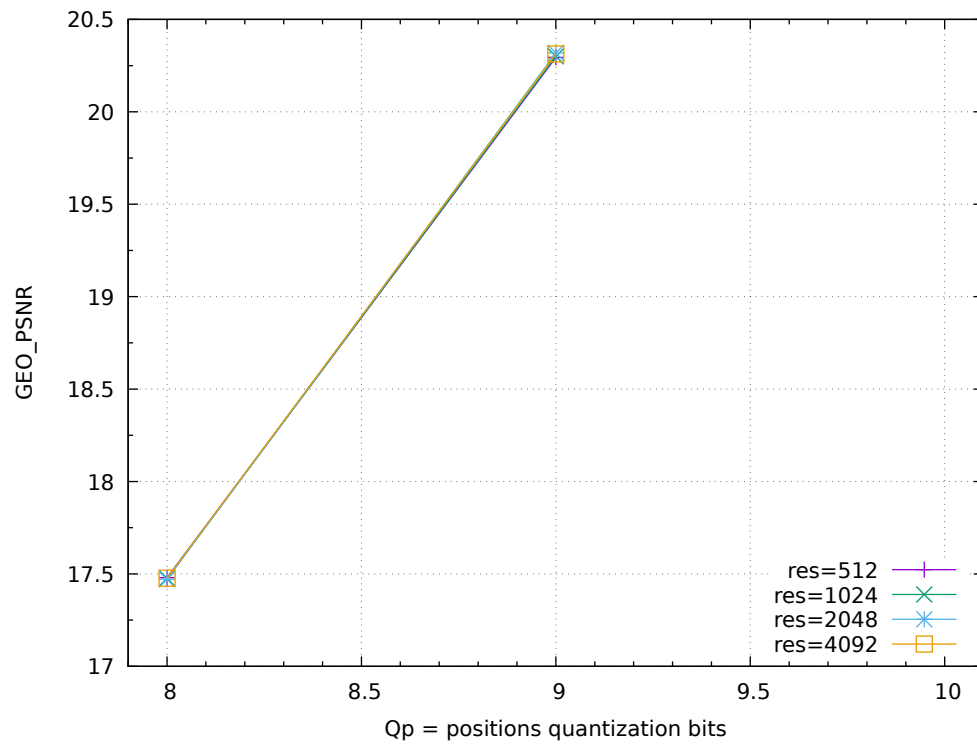
sw_raster views=18



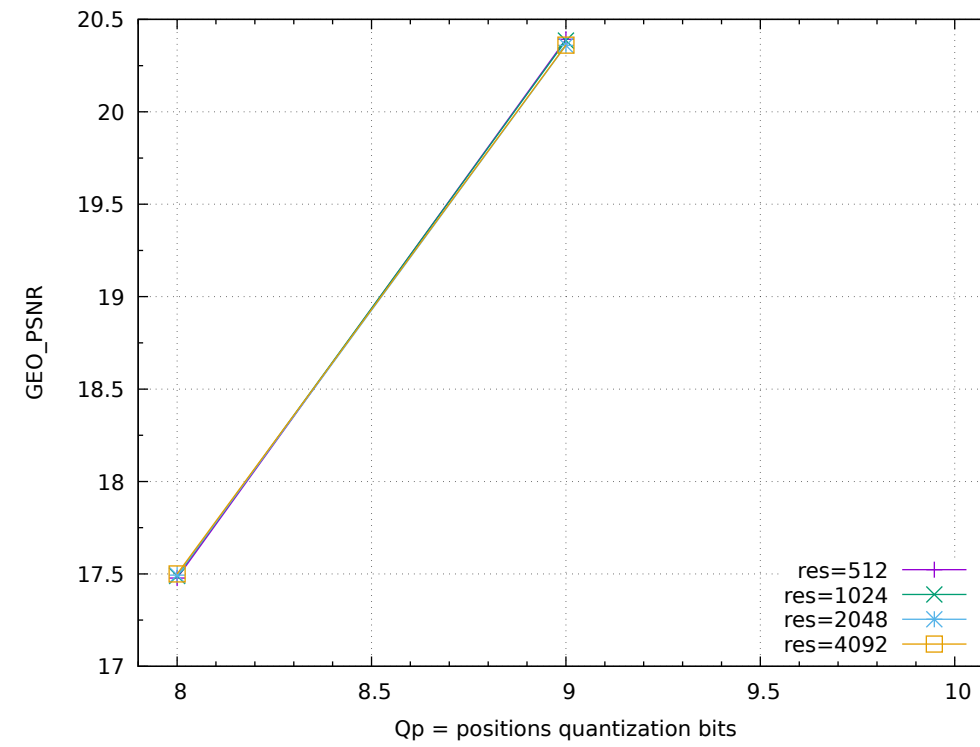
sw_raster views=24



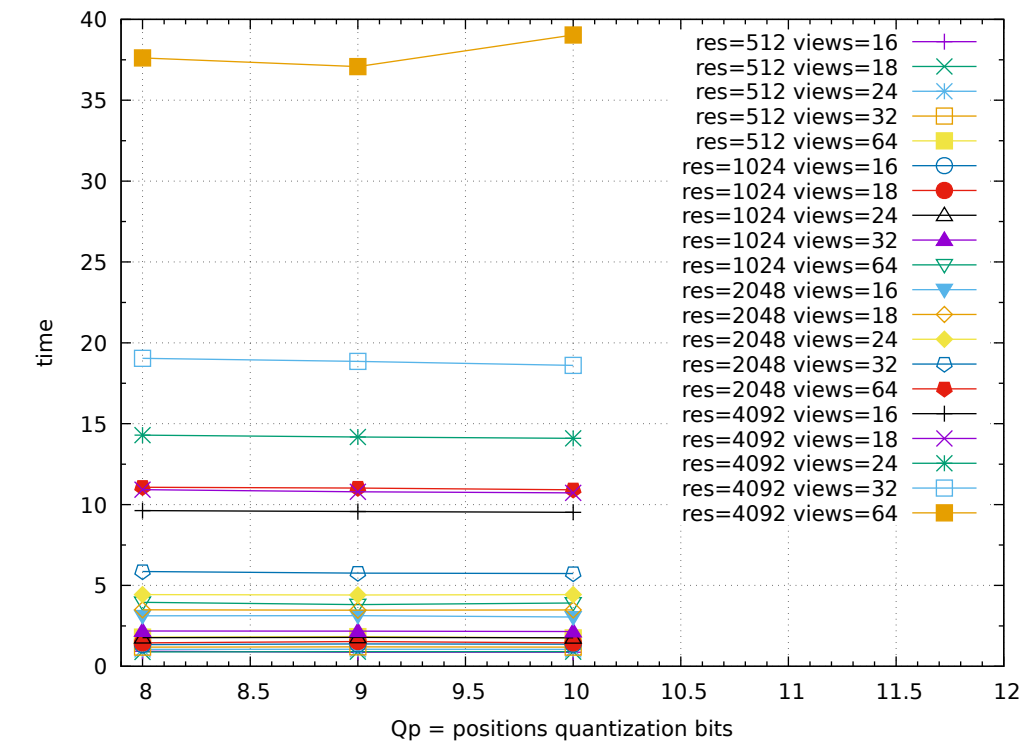
sw_raster views=32



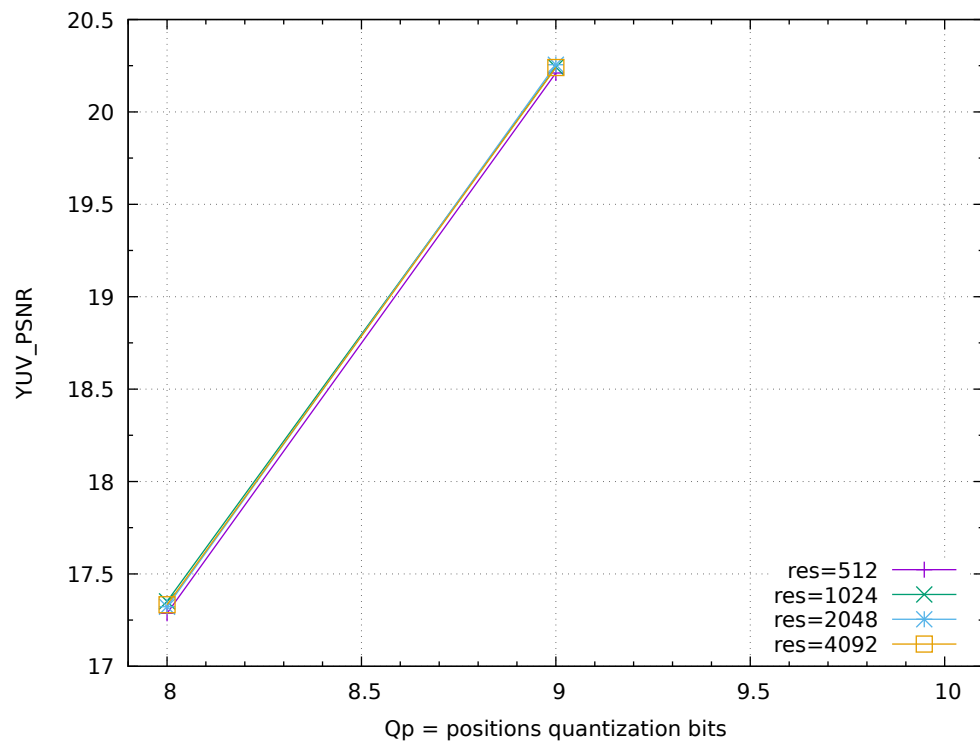
sw_raster views=64



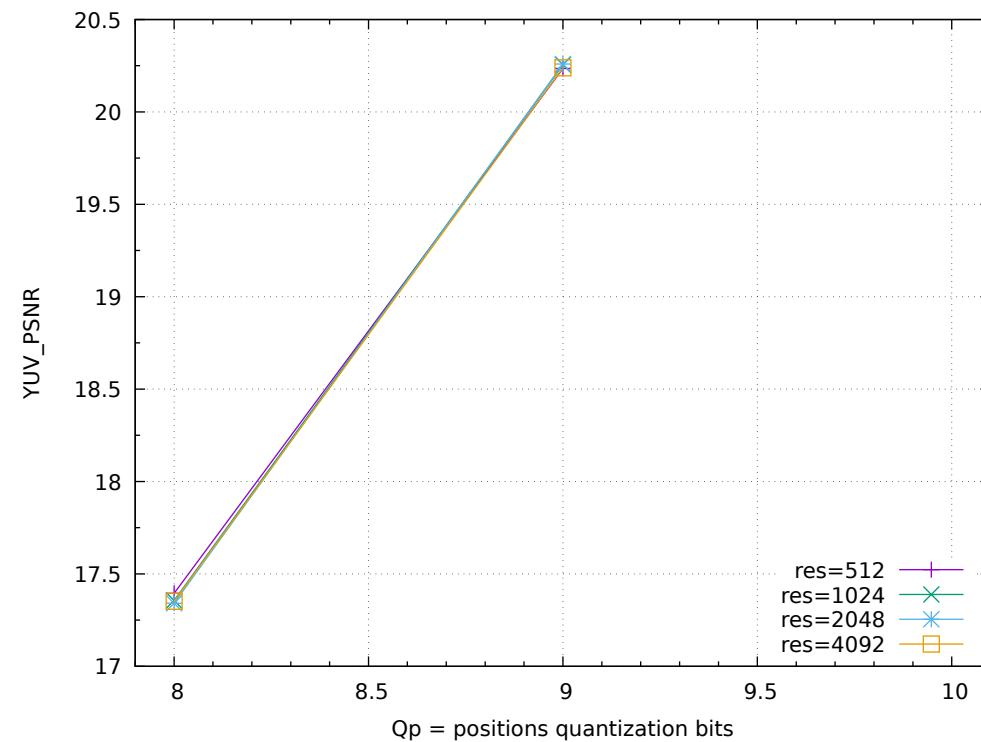
sw_raster



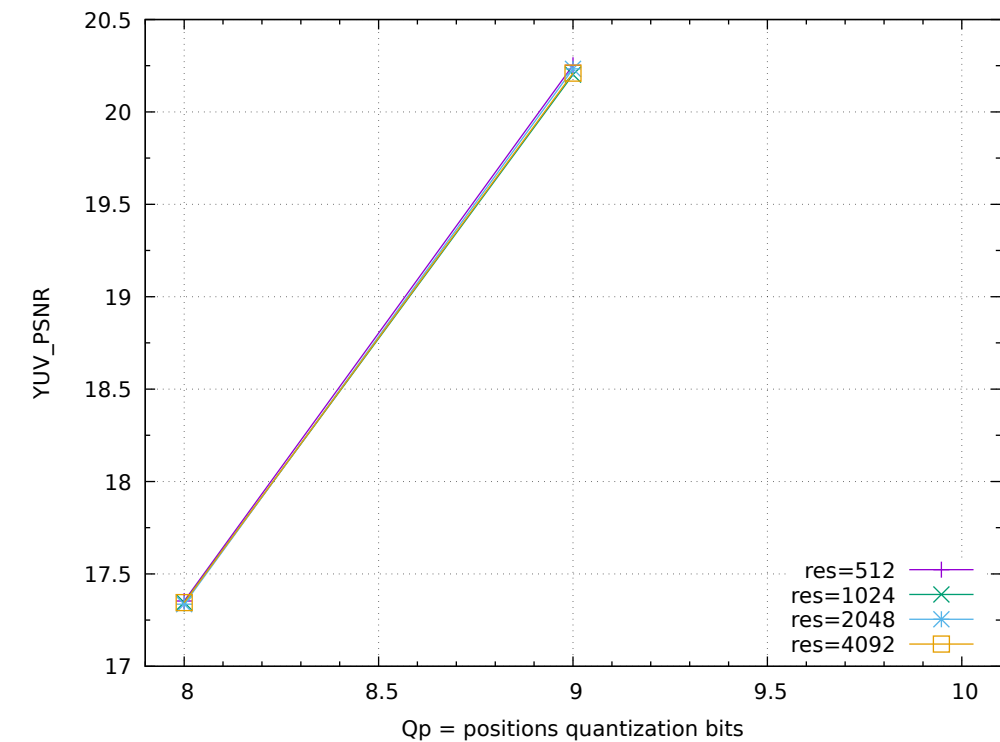
sw_raster views=16



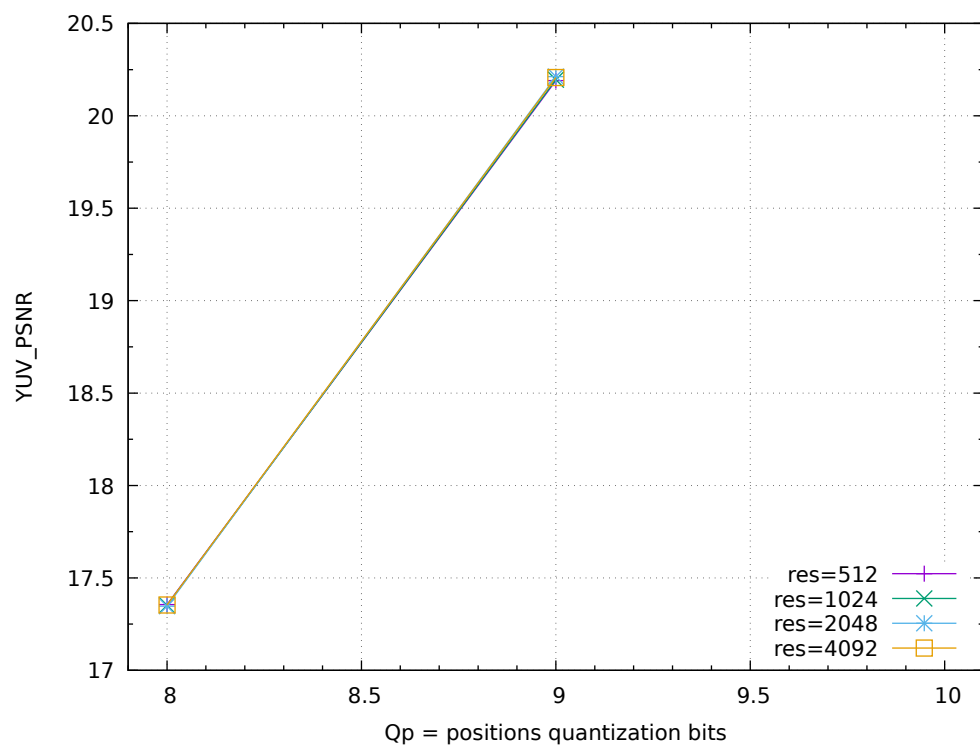
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raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - loot_fr1000
sw_raster views=18
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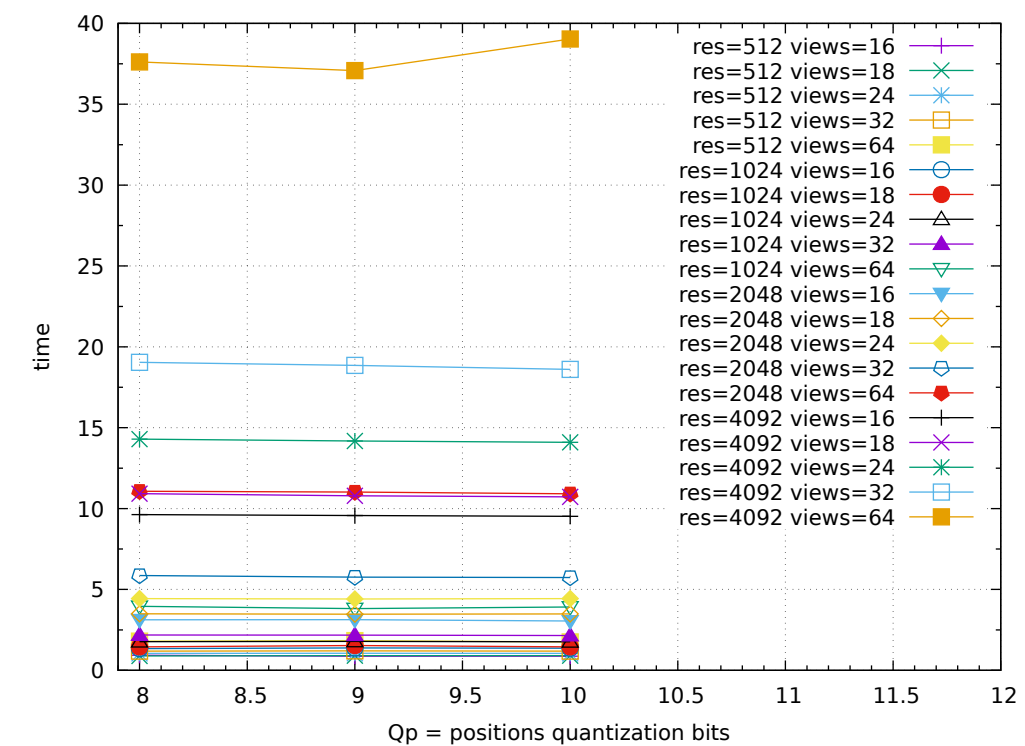
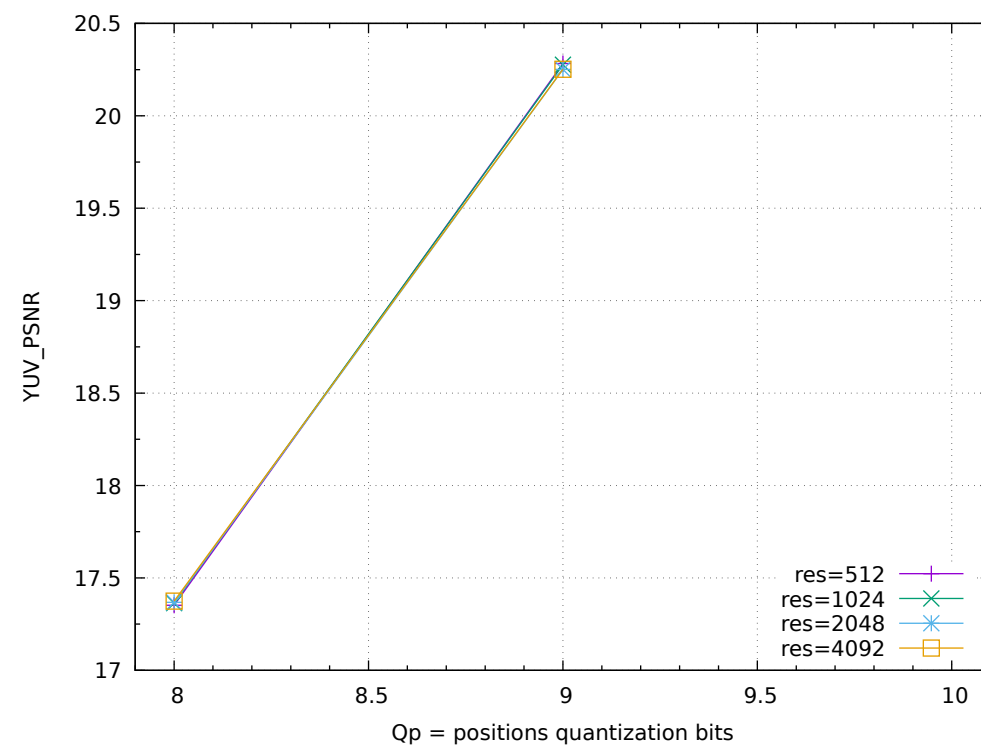
sw_raster views=24



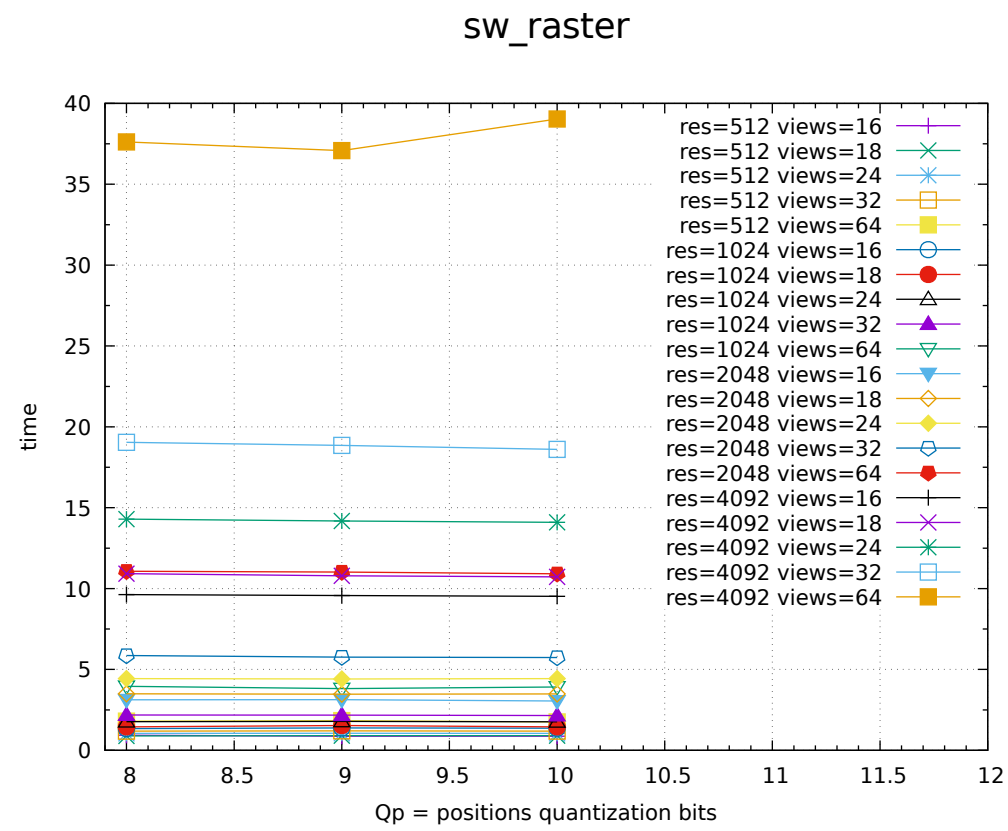
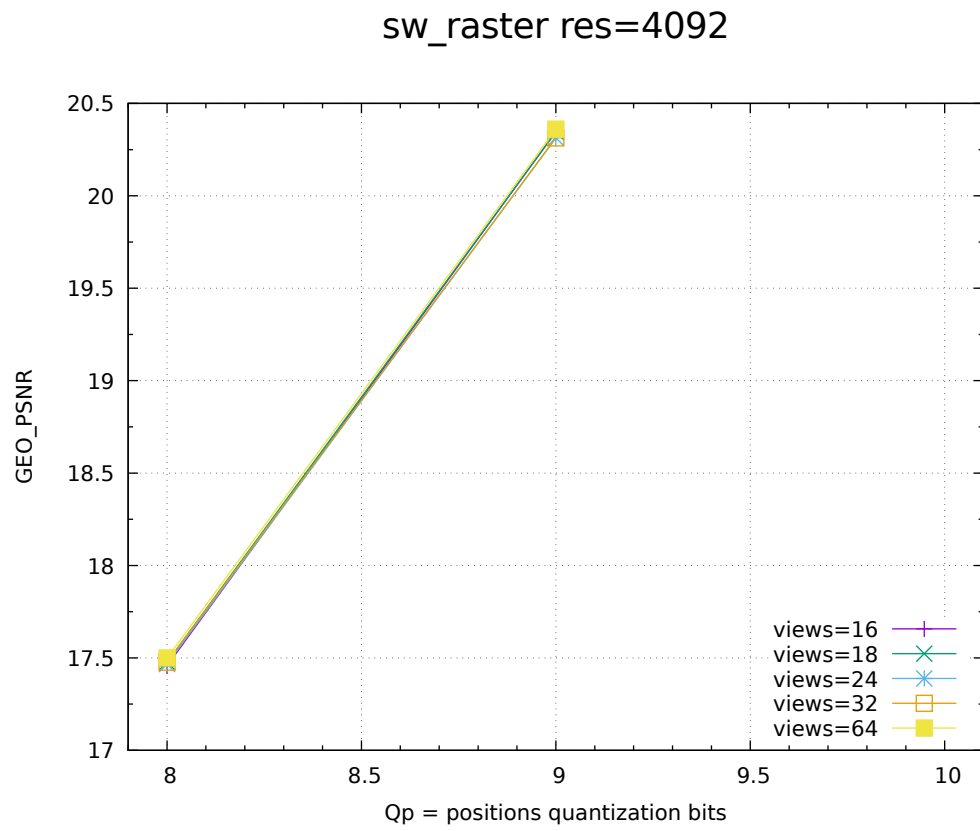
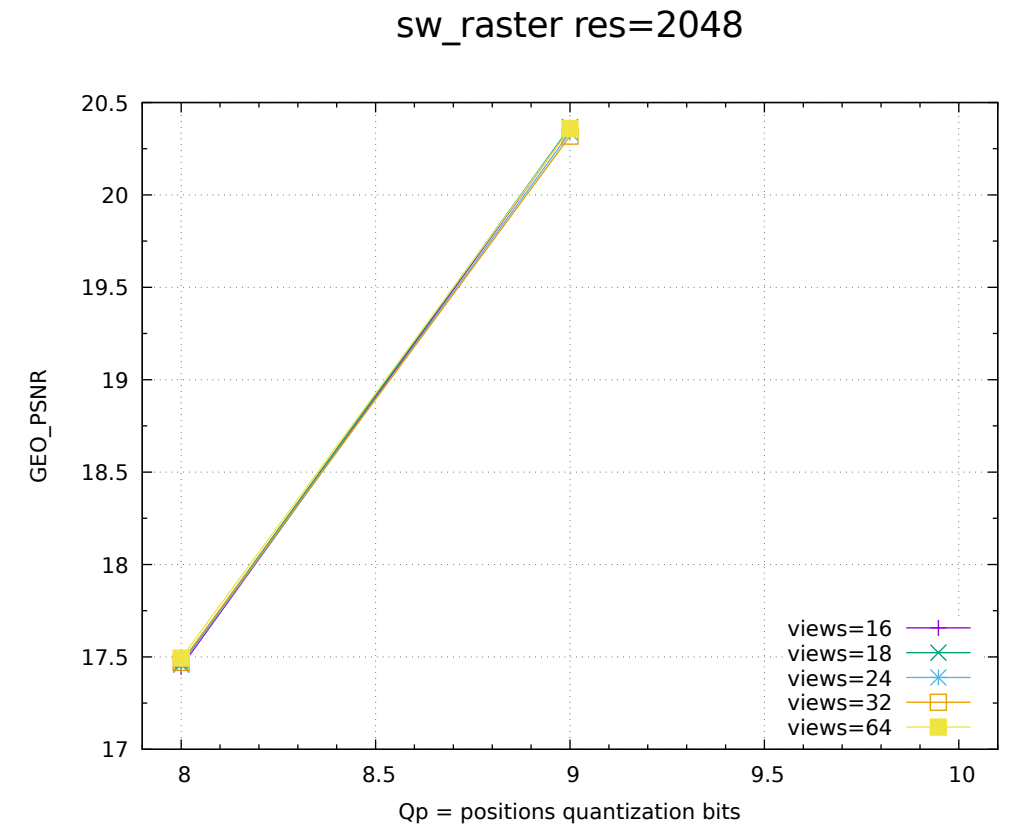
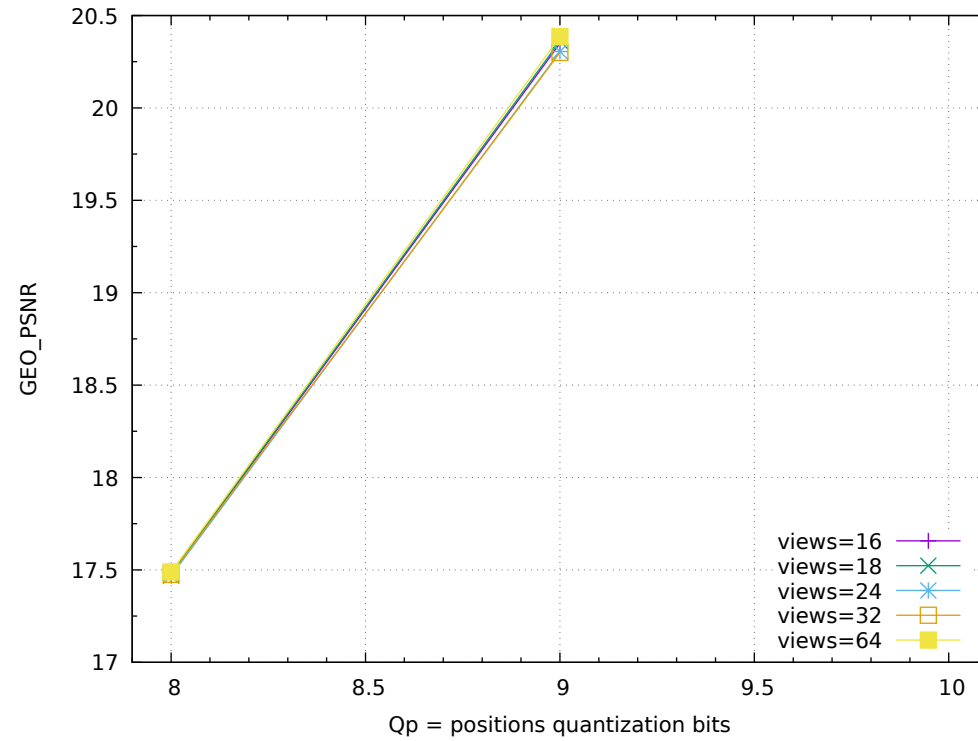
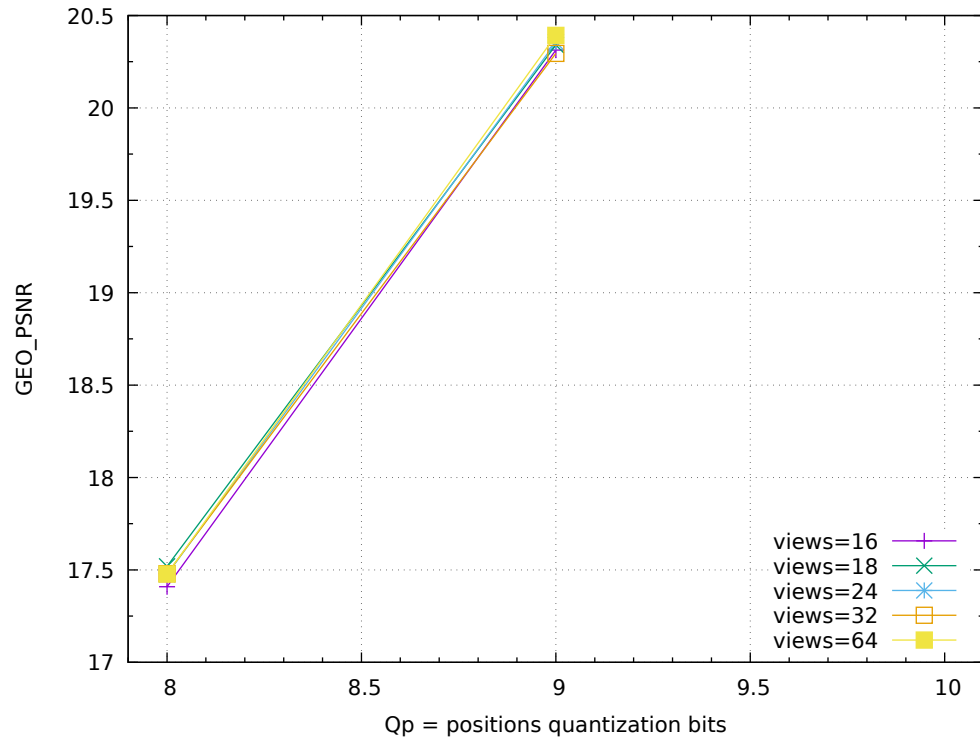
sw_raster views=32



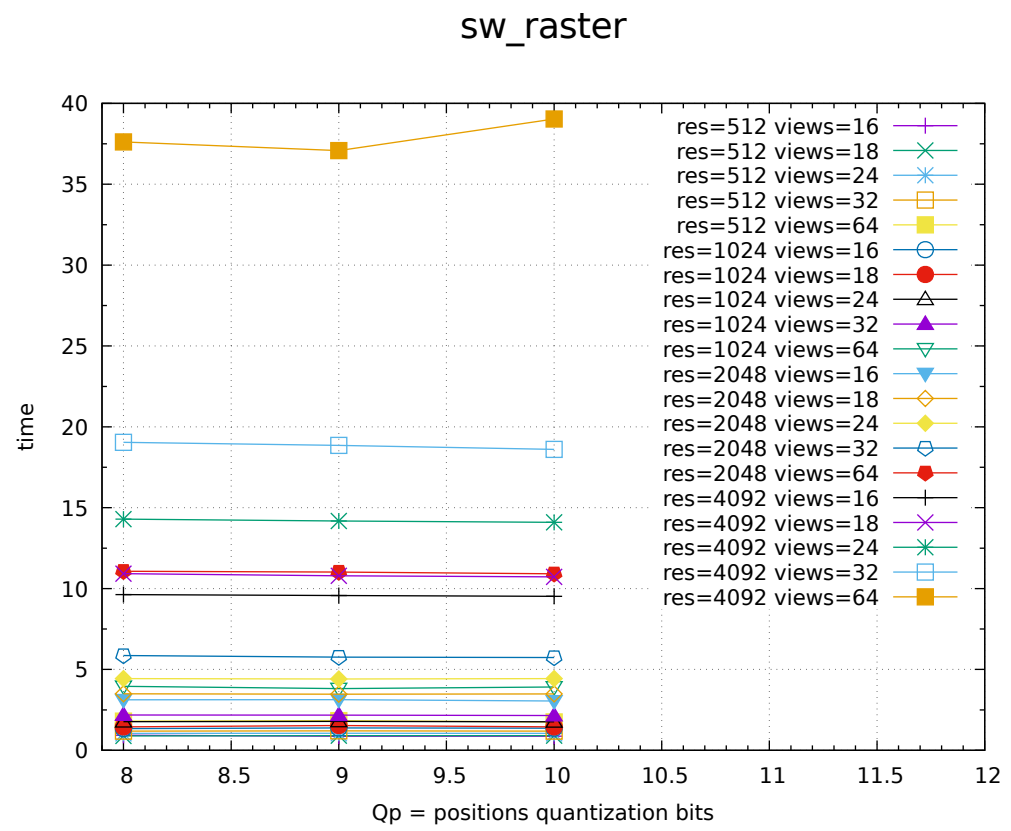
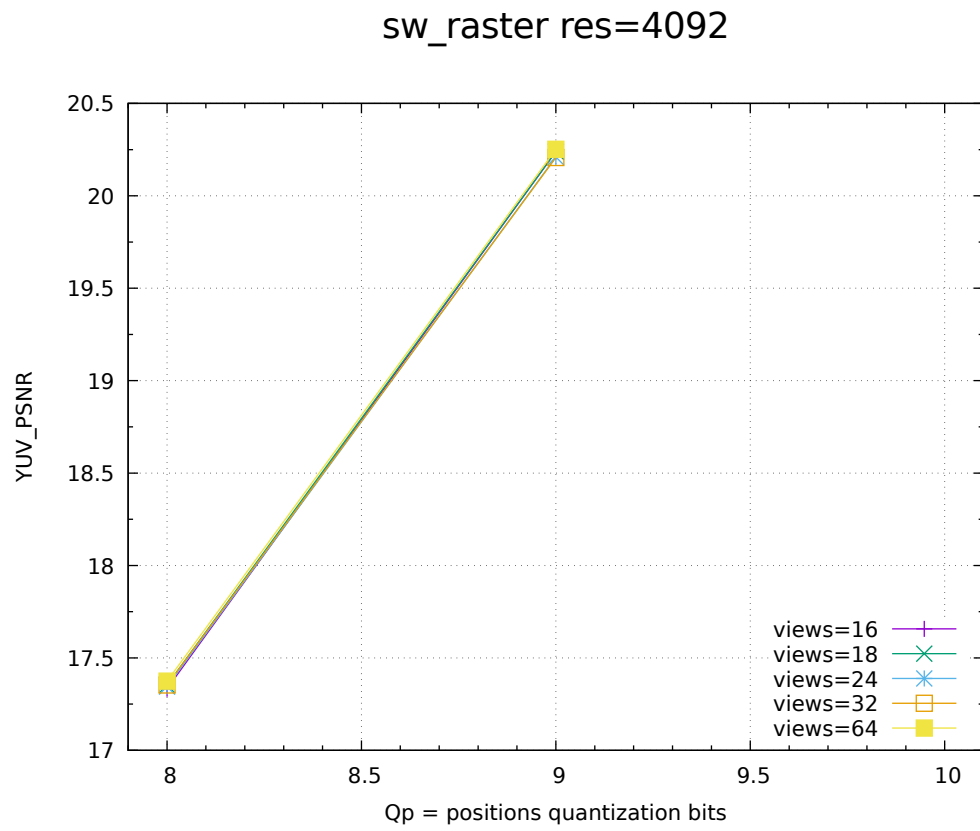
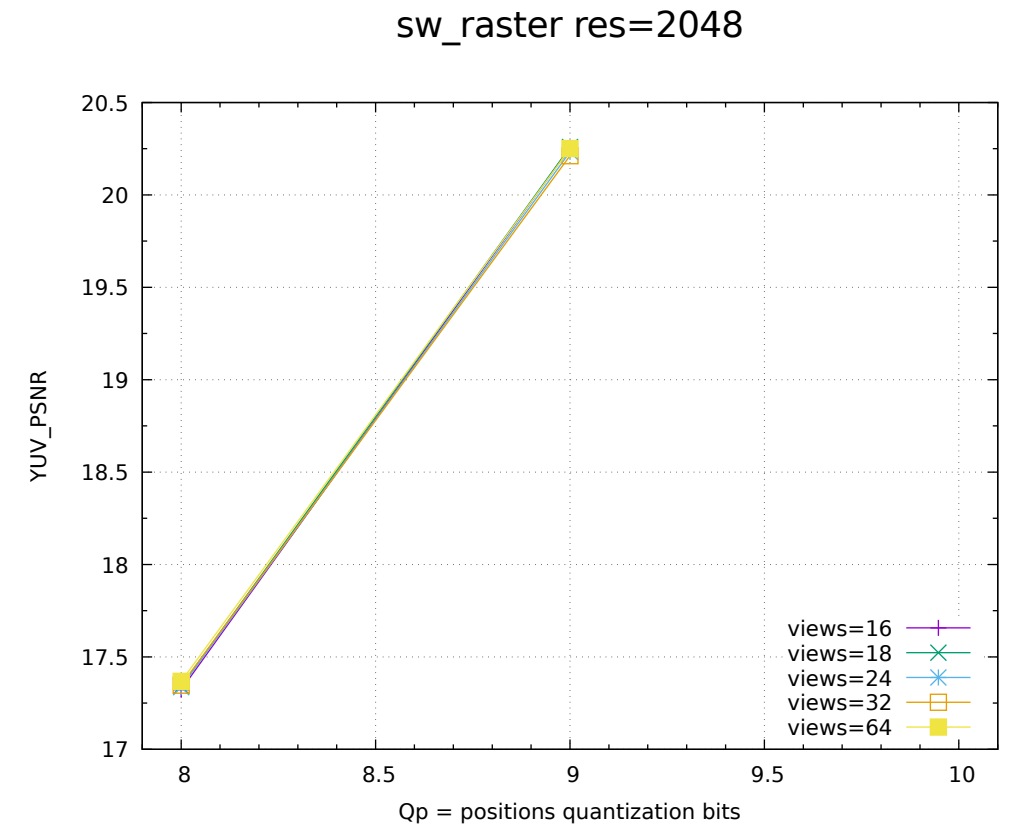
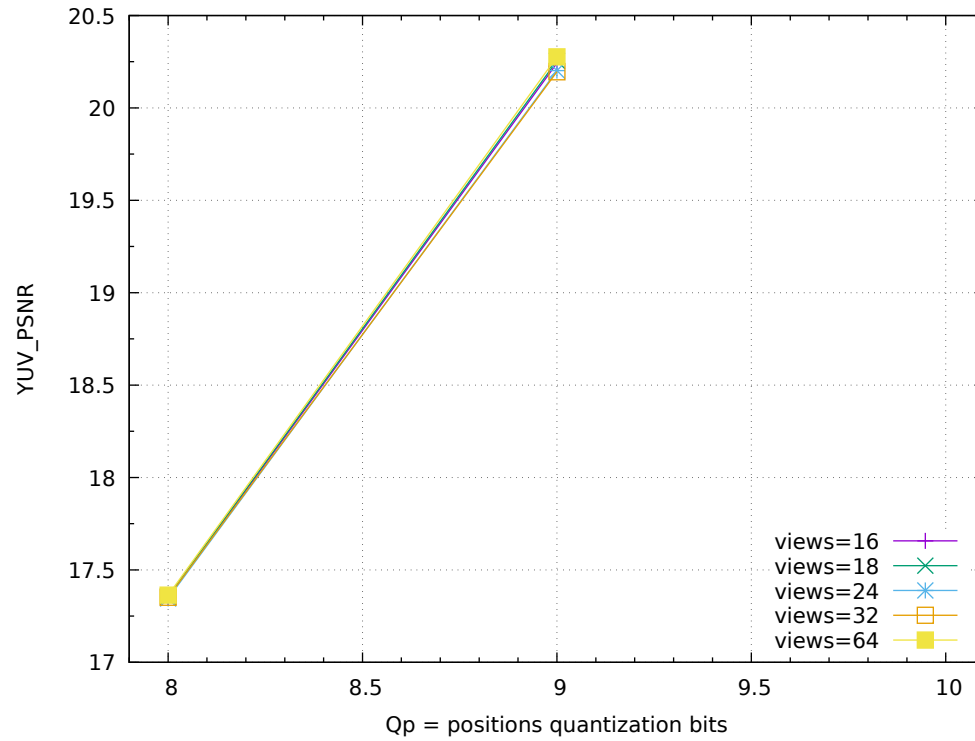
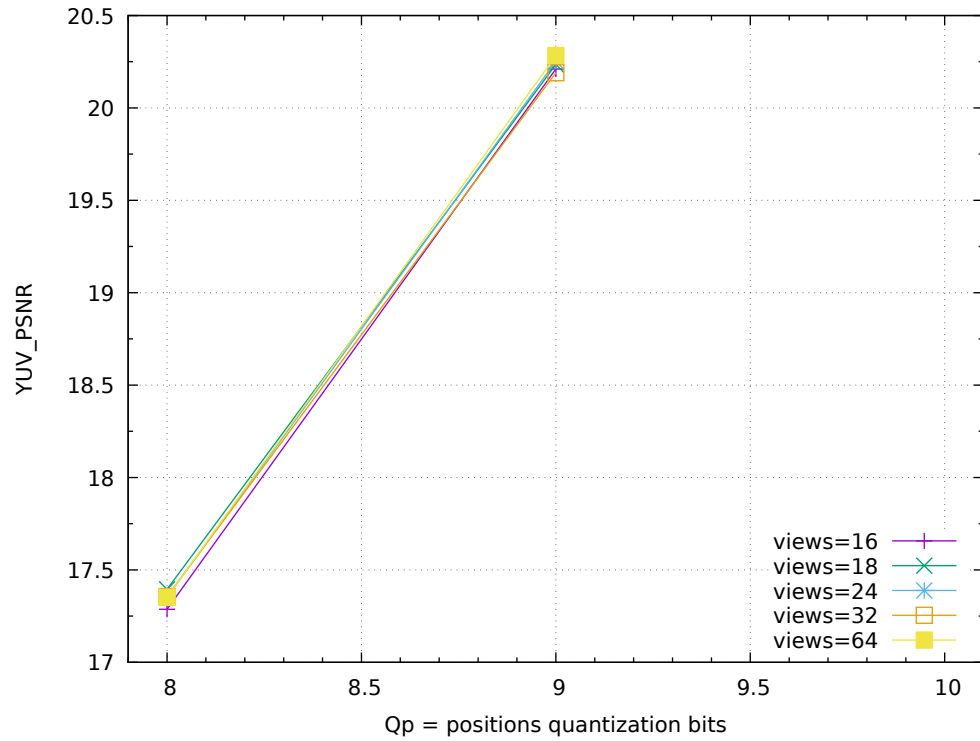
sw_raster views=64



raster_GEO_PSNR - metric=f(Qp,res,Qt=30) - loot_fr1000
sw_raster res=1024



raster_YUV_PSNR - metric=f(Qp,res,Qt=30) - loot_fr1000
sw_raster res=1024

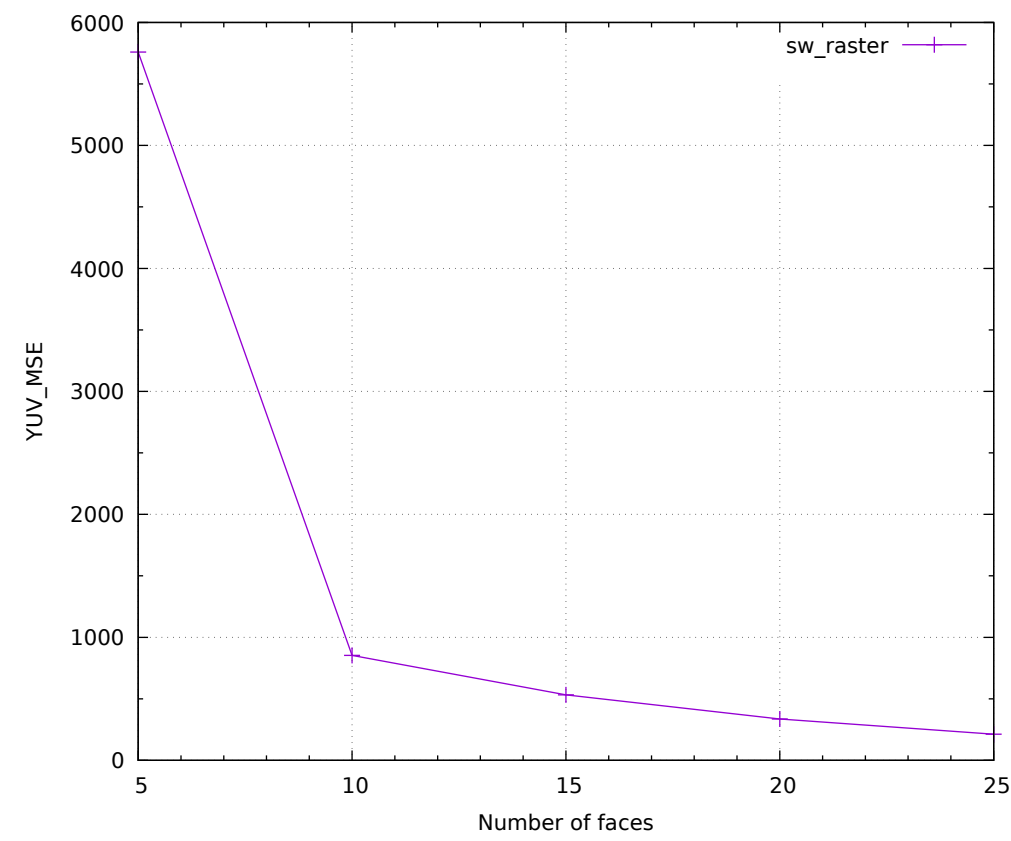
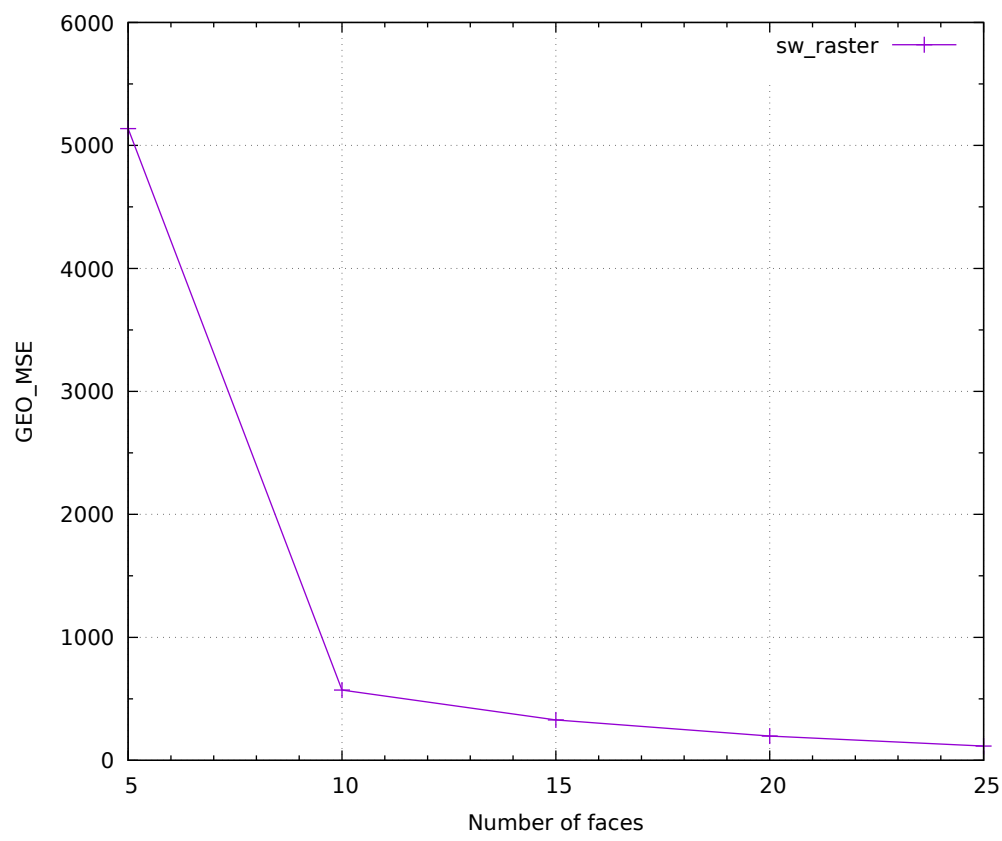
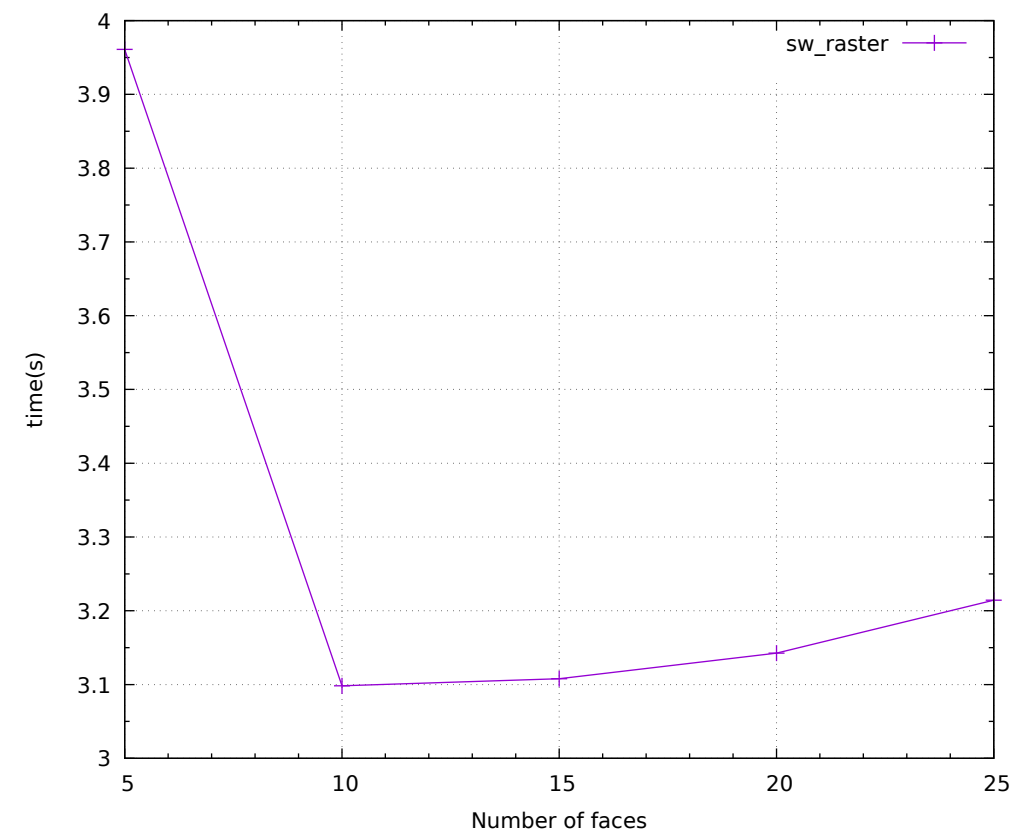
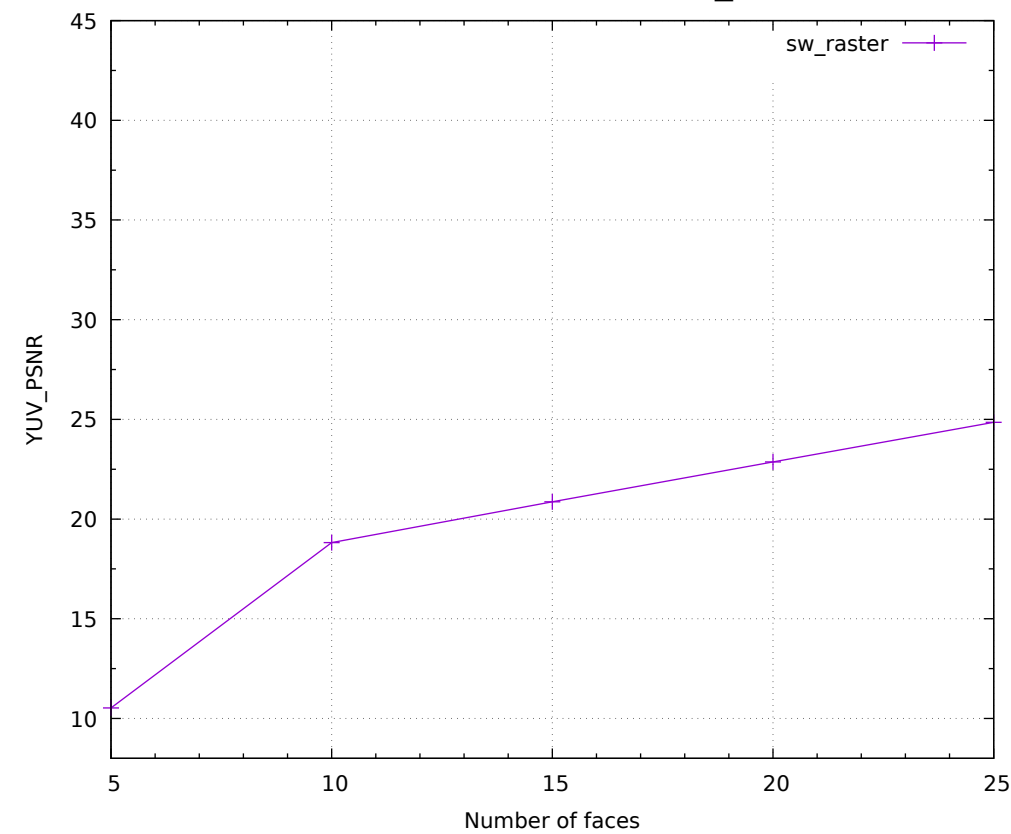
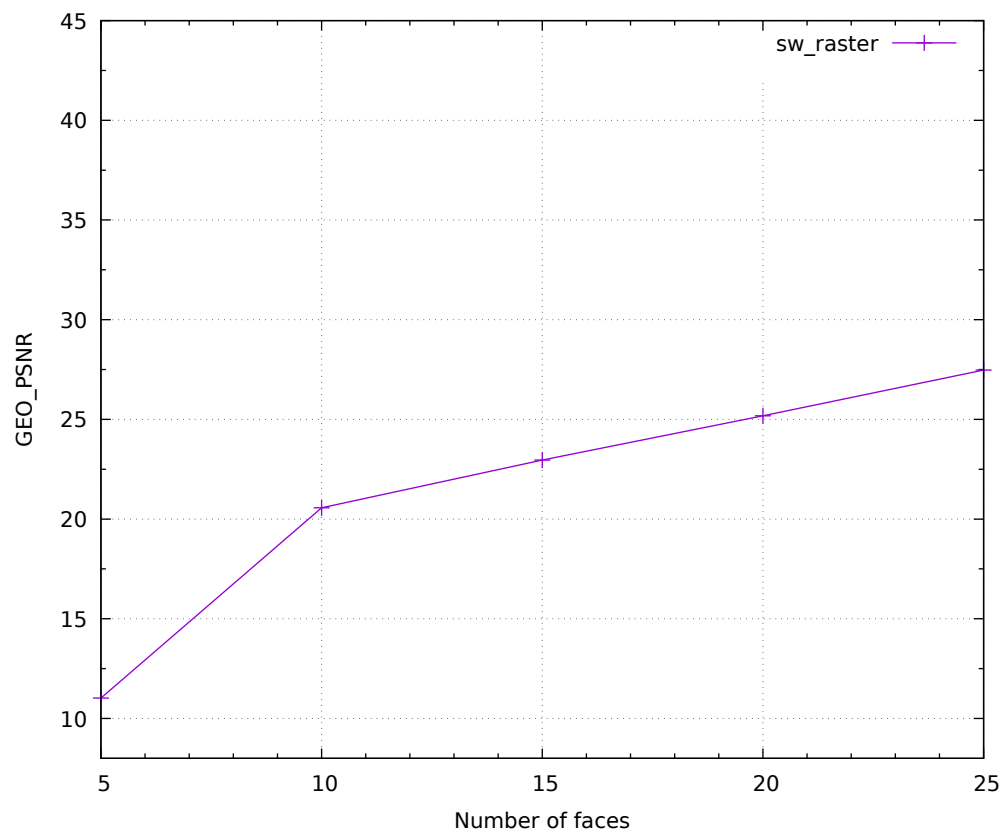


distortion= mesh decimation

metric software = merror

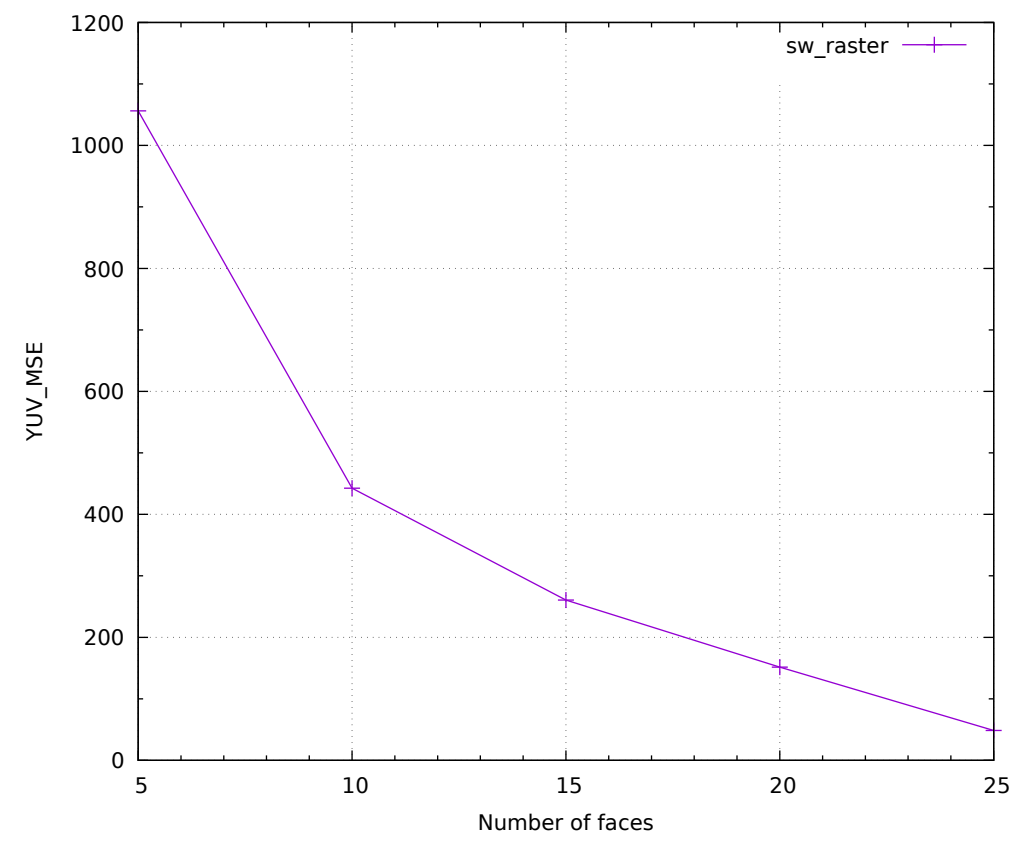
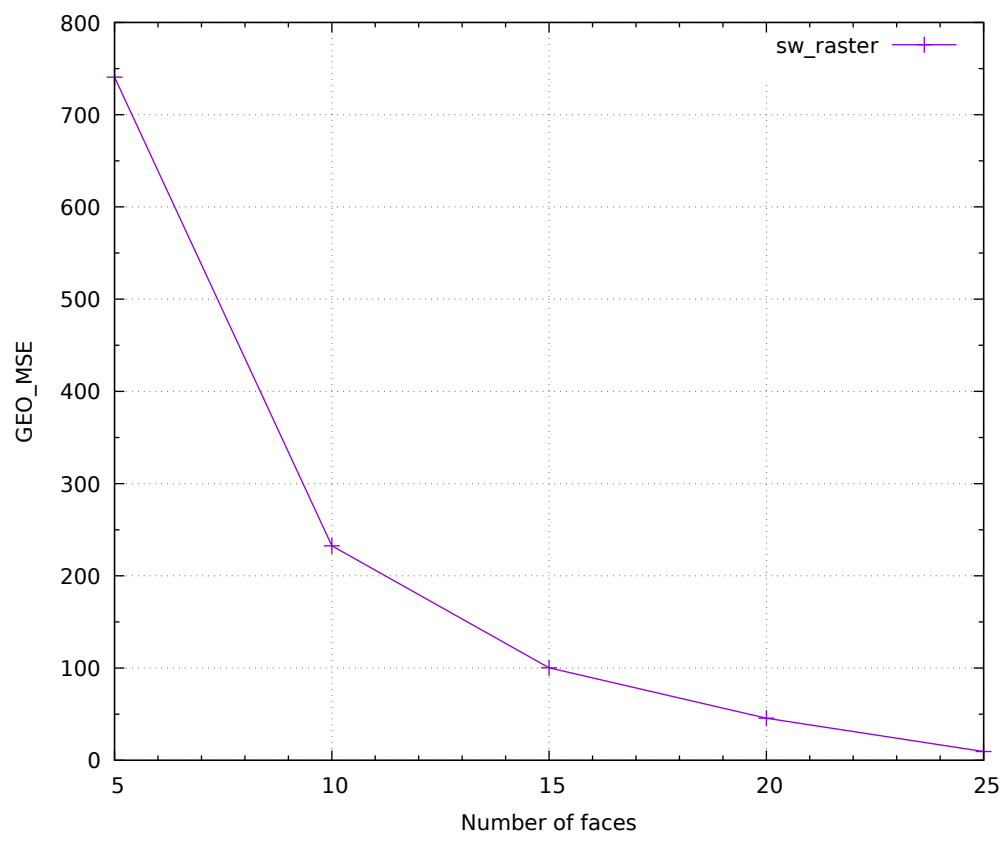
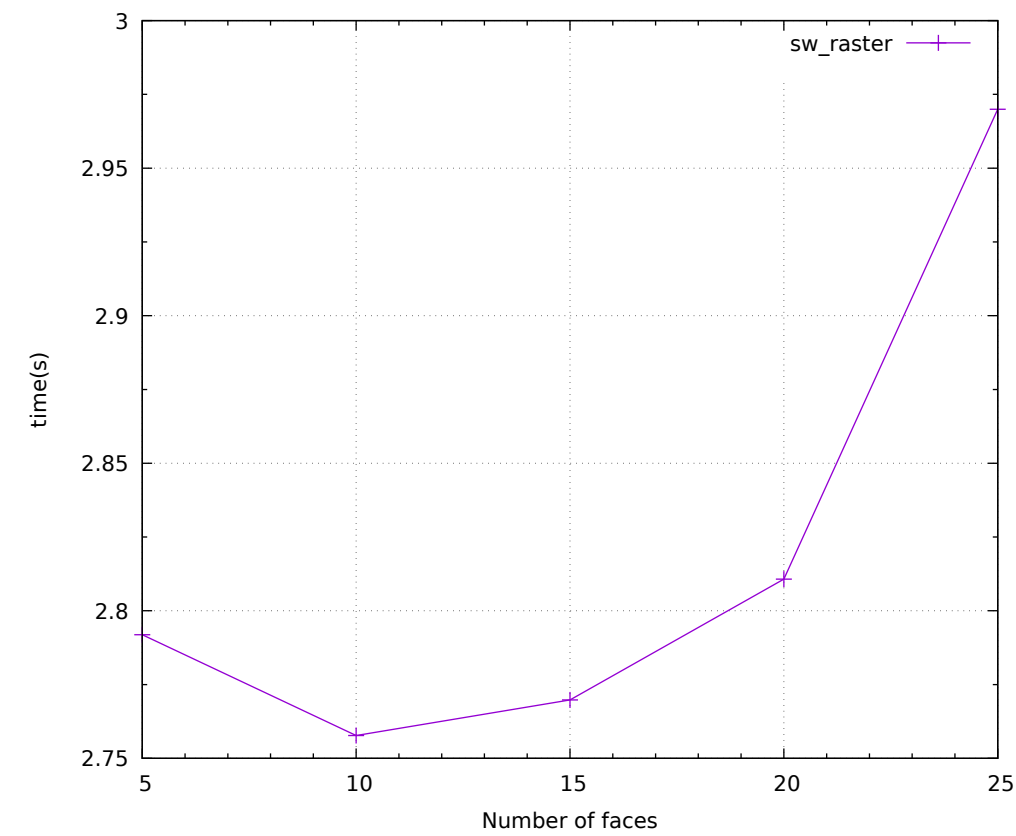
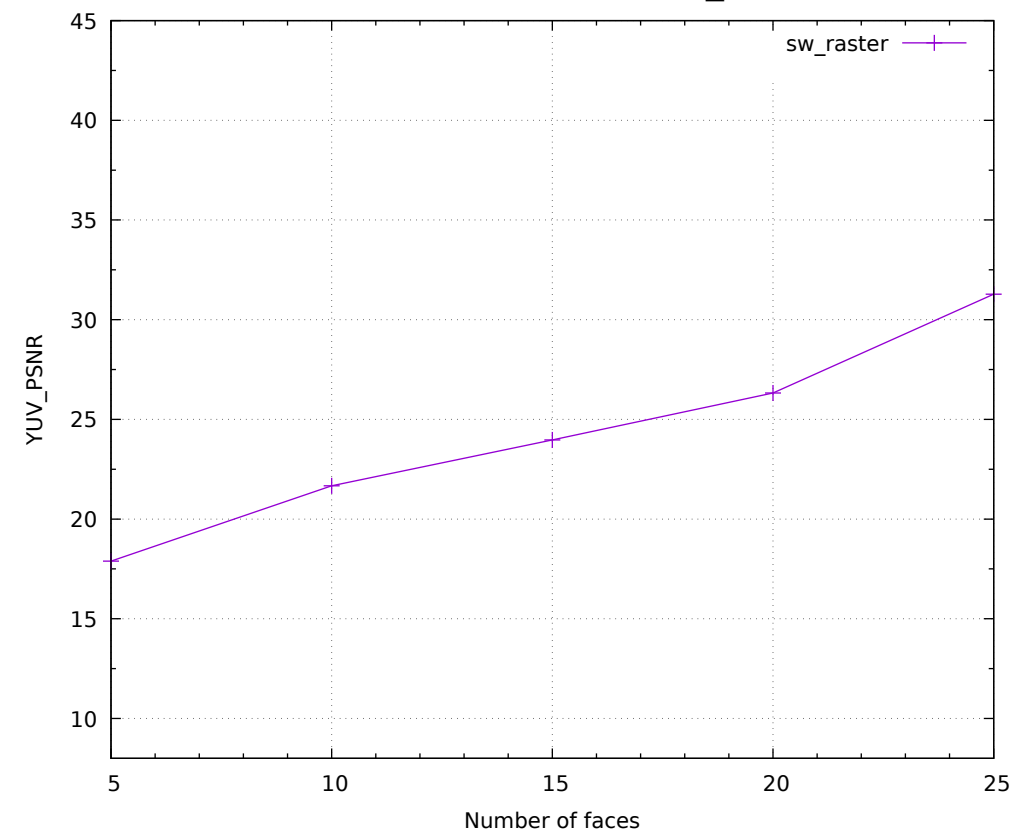
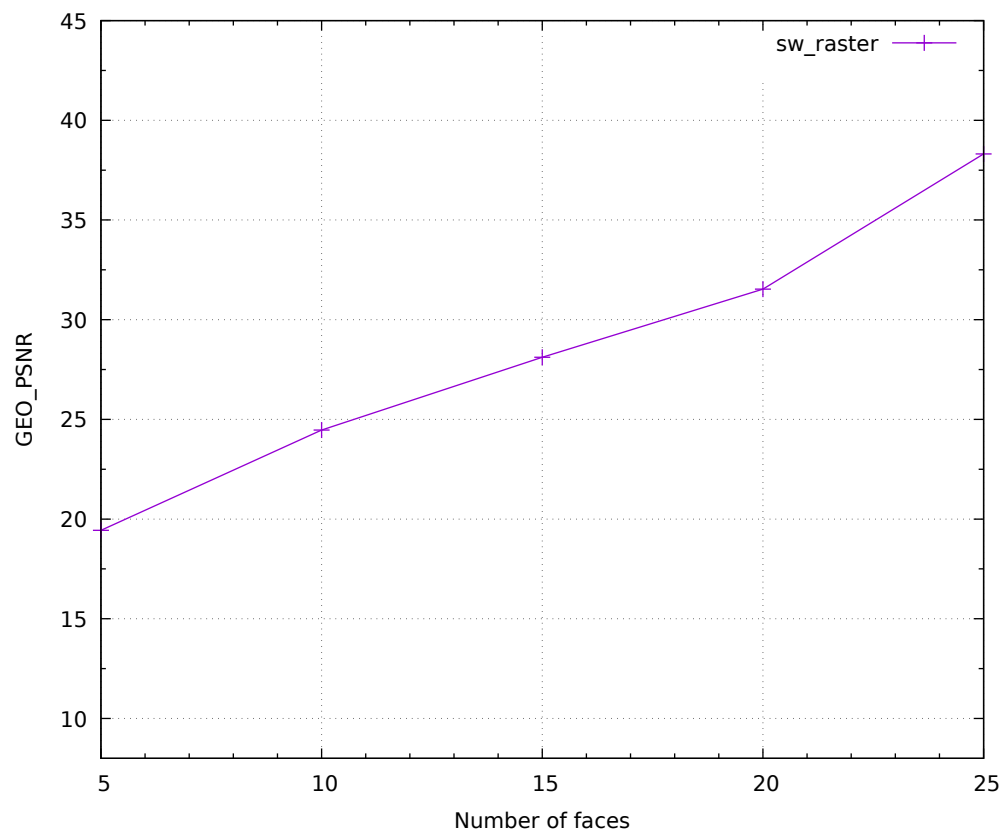
ibsm = f(nbfaces, nbviews=16, resolution=2K)

ibsm = f(decimation) - soldier_fr0536



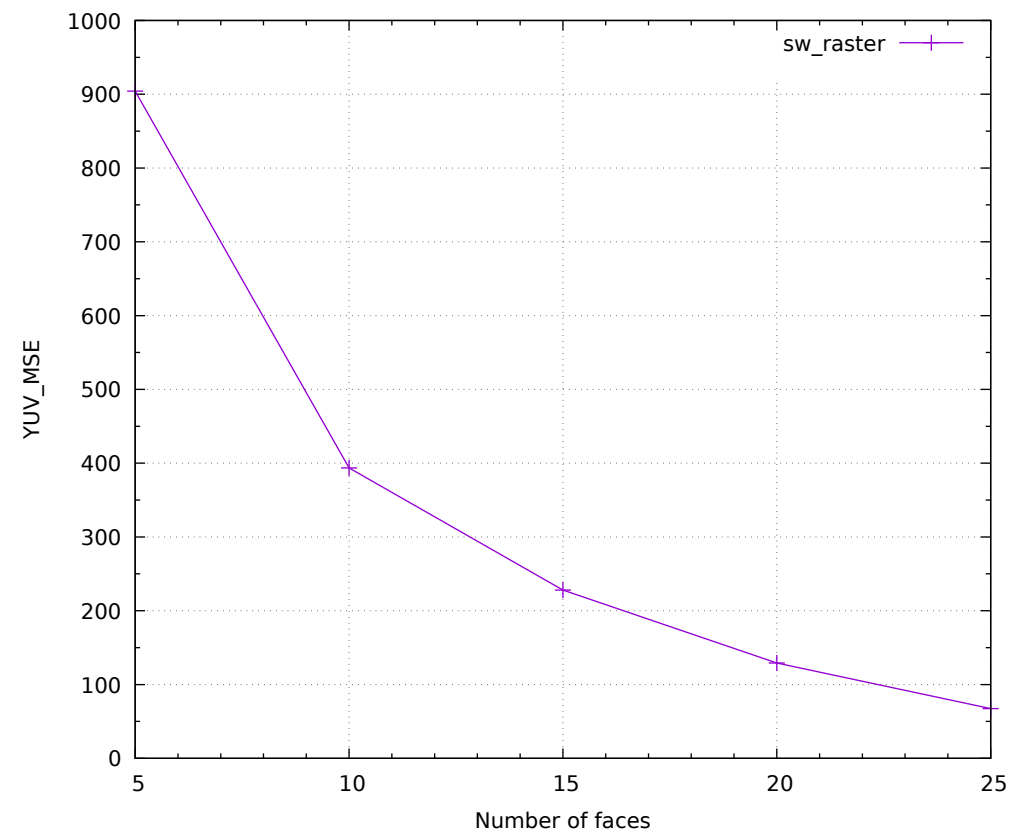
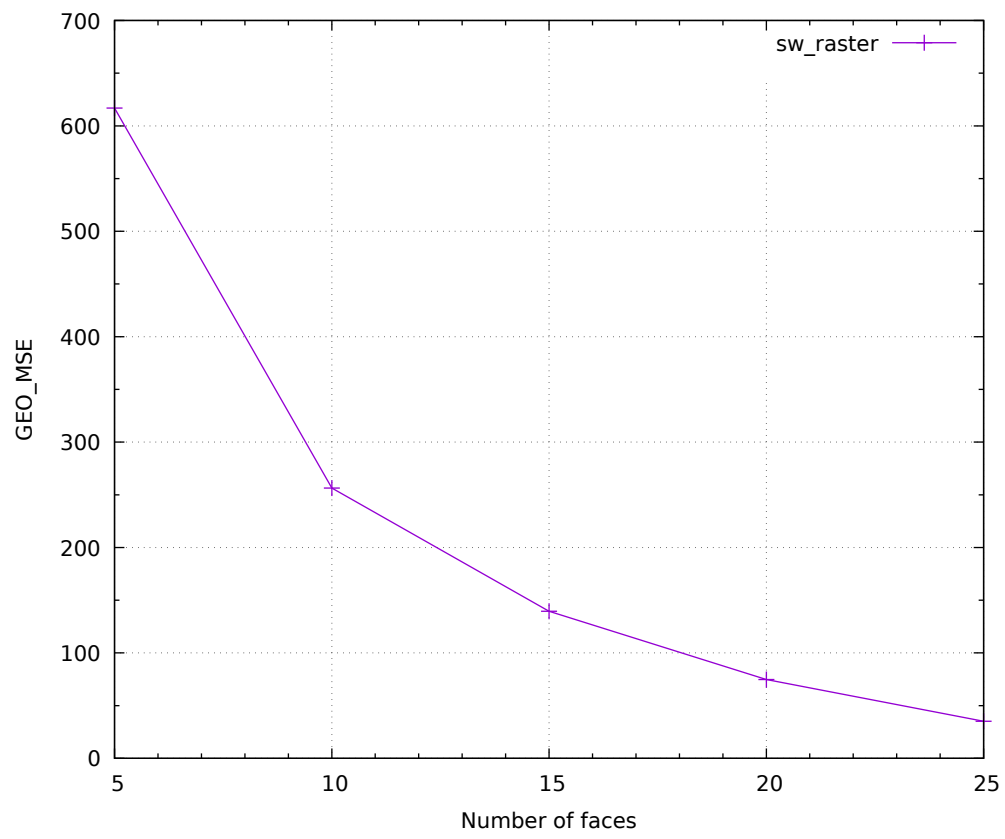
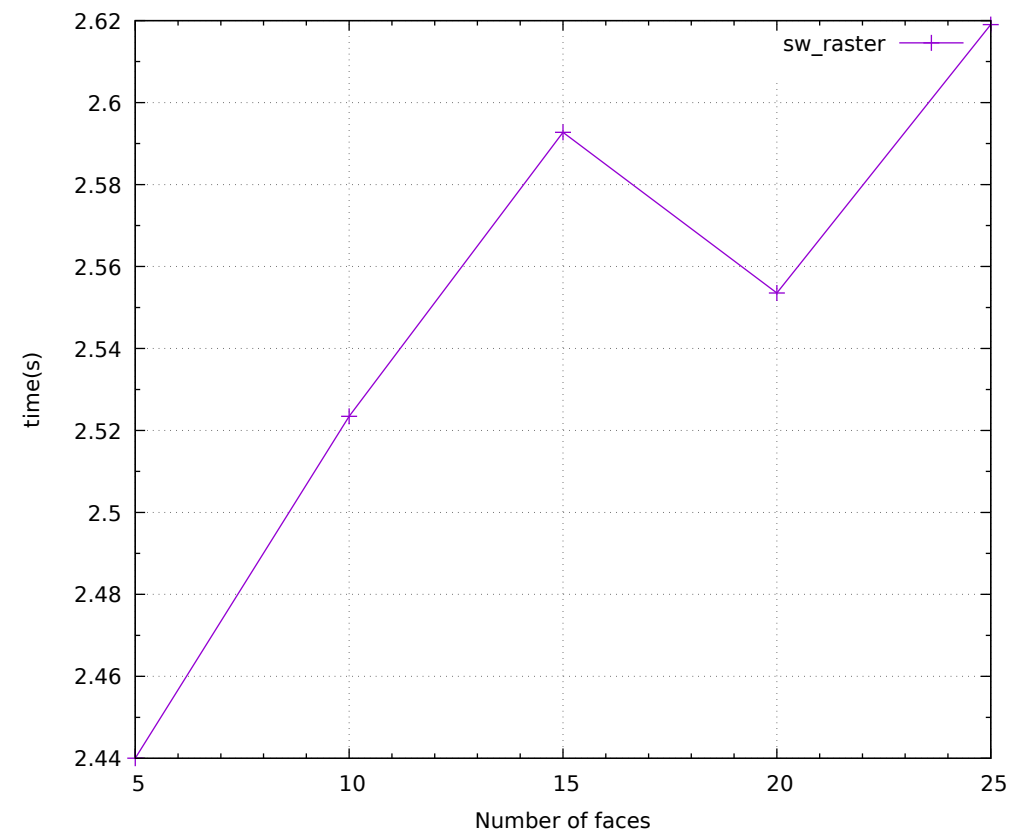
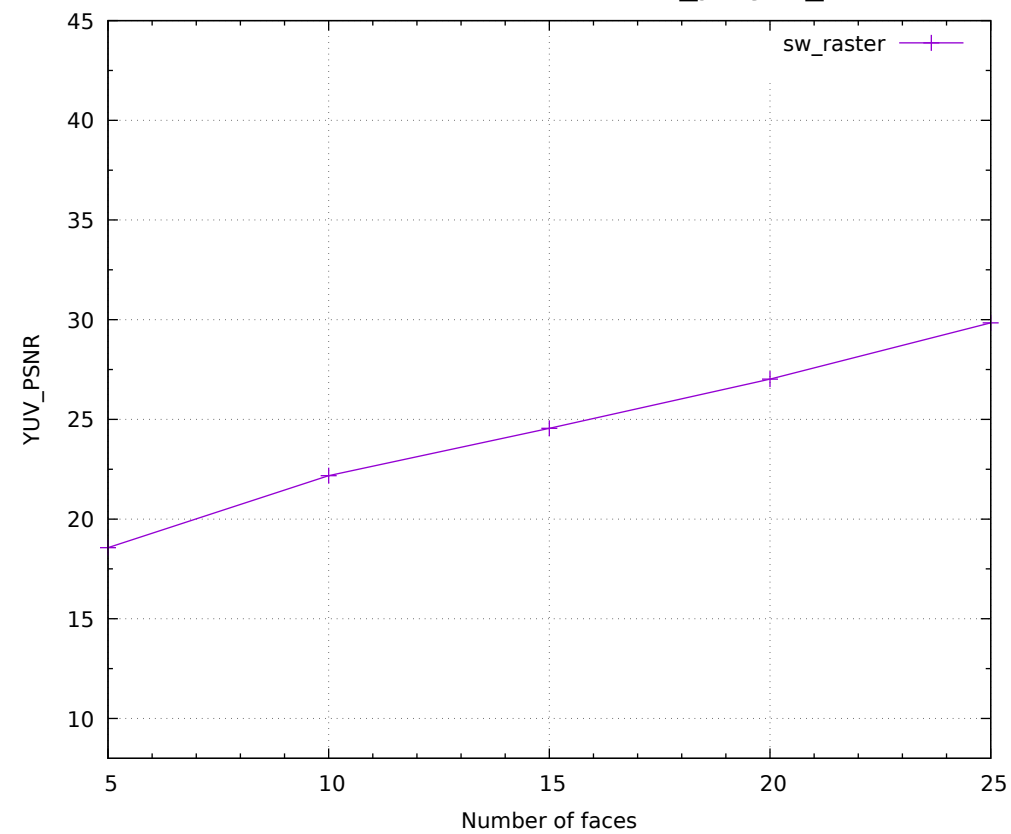
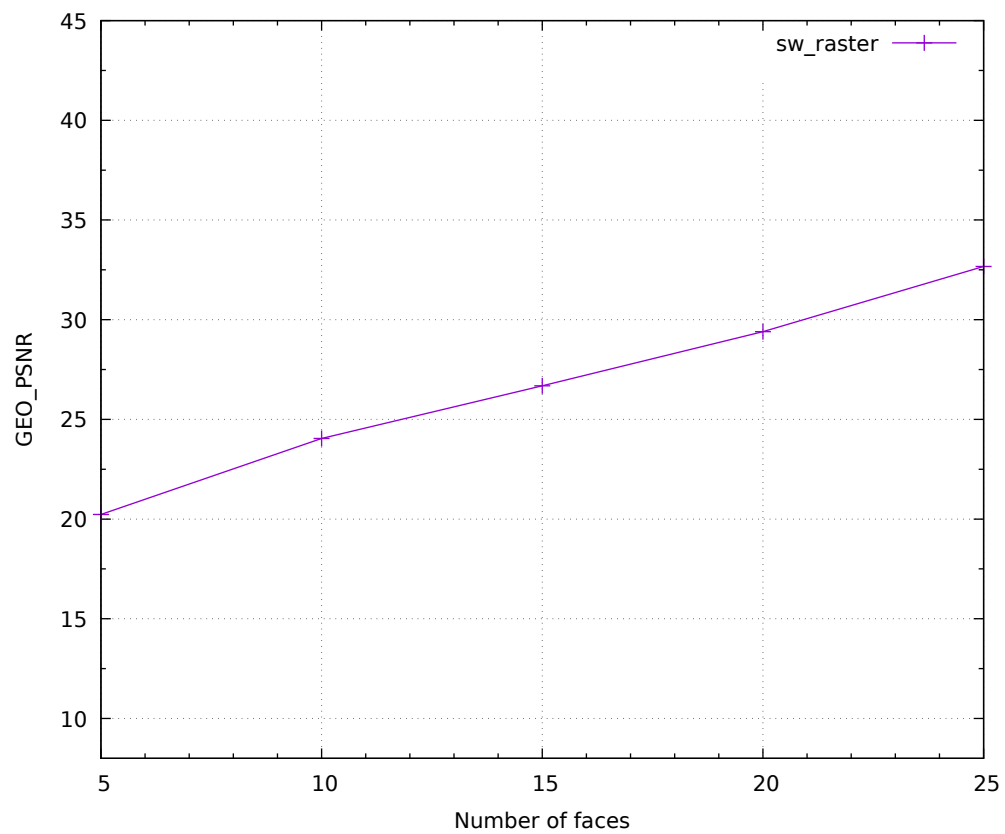
Number of faces					
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	27.4758	24.8503	116.2787	212.8410	3.2144
20	25.1764	22.8630	197.4409	336.3446	3.1427
15	22.9608	20.8693	328.8542	532.2948	3.1079
10	20.5622	18.8197	571.2906	853.3159	3.0982
5	11.0238	10.5271	5136.8359	5759.2983	3.9609

ibsm = f(decimation) - mitch_fr0001



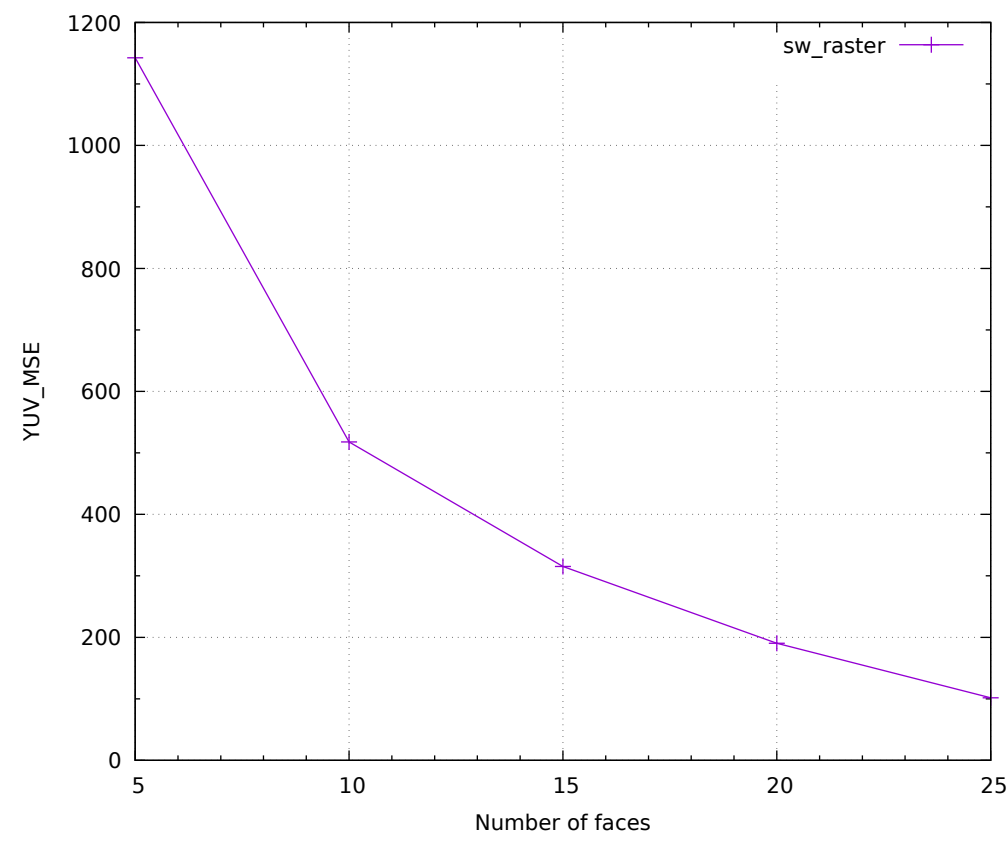
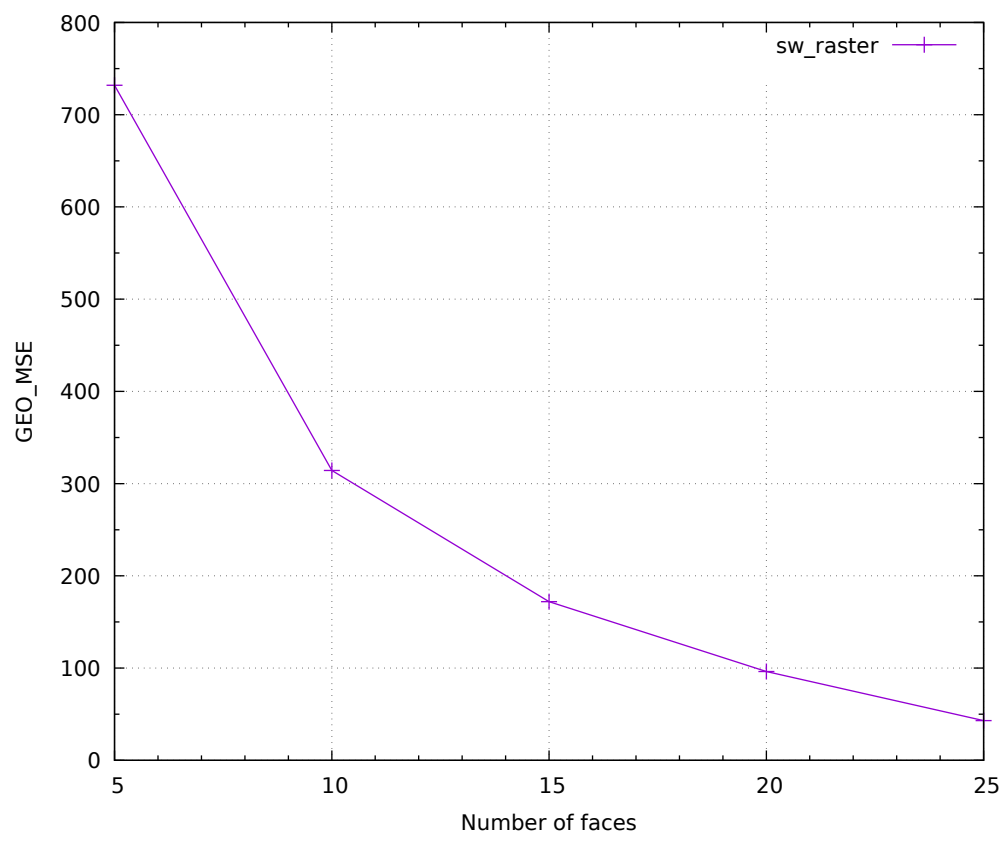
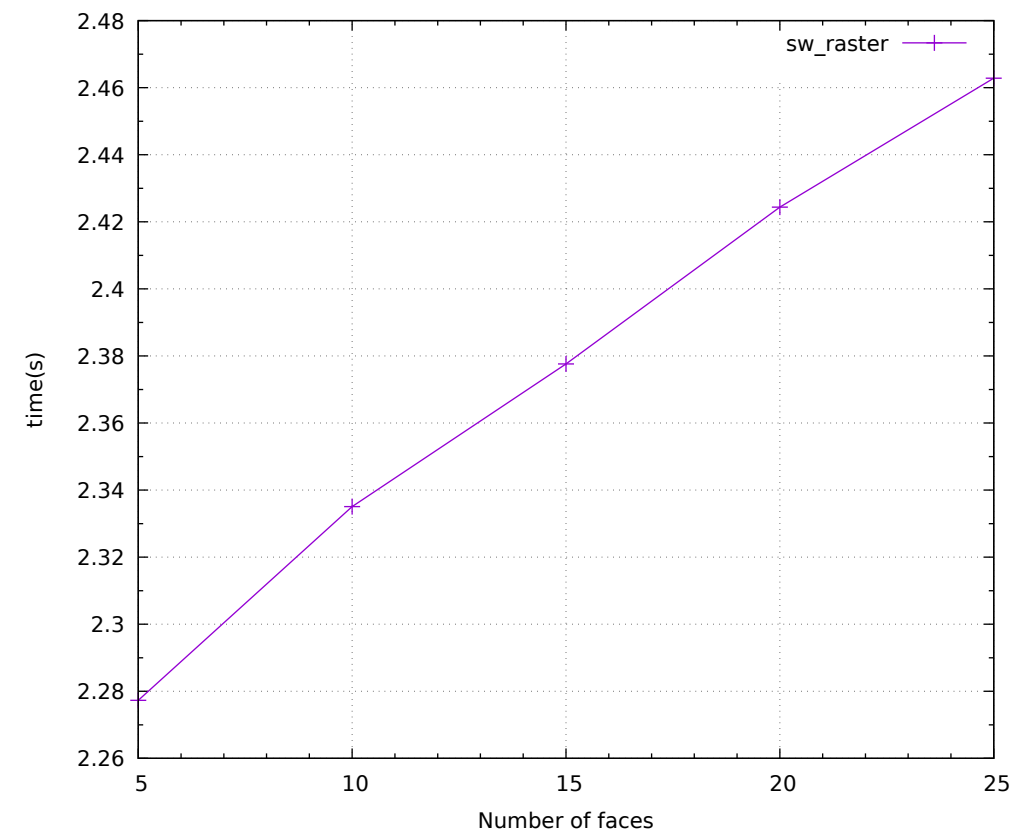
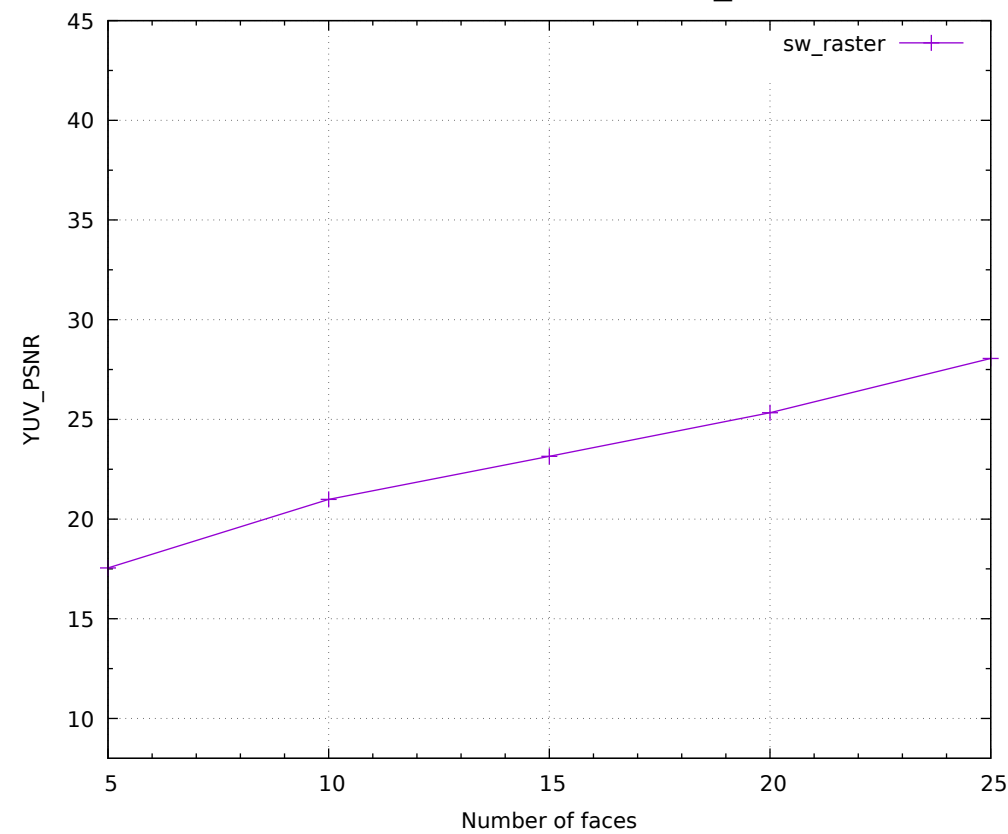
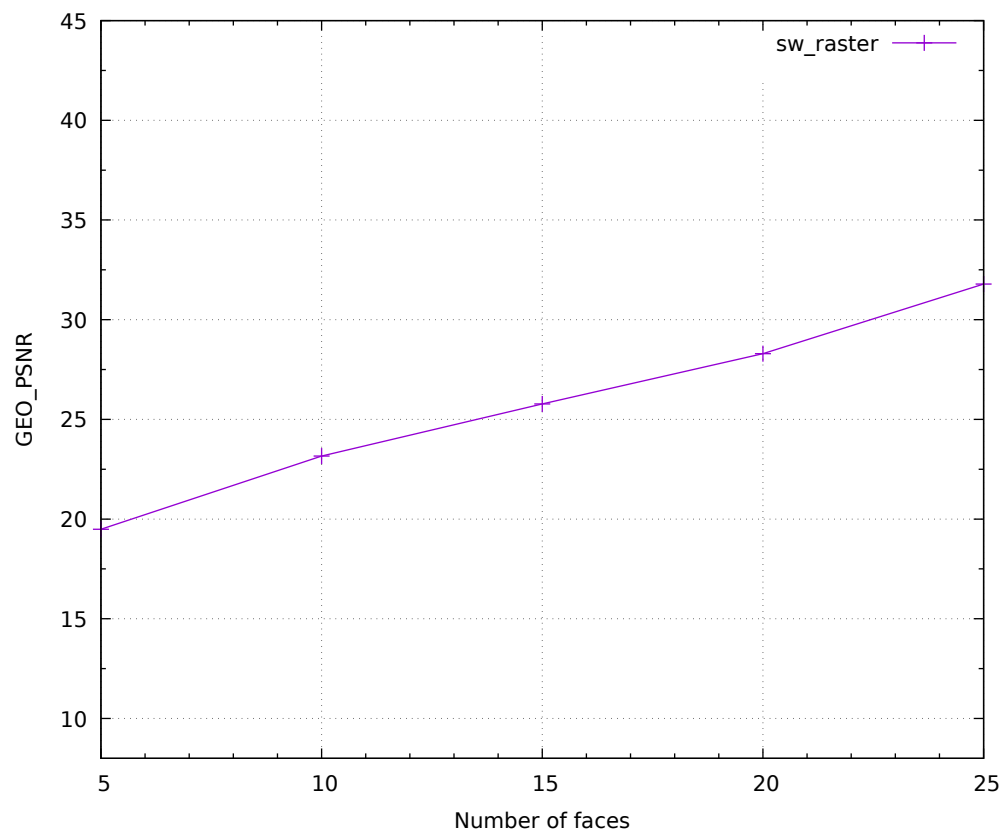
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	38.3137	31.2759	9.5876	48.4725	2.9700
20	31.5291	26.3222	45.7270	151.6548	2.8107
15	28.1146	23.9700	100.3733	260.6621	2.7698
10	24.4661	21.6716	232.5268	442.5075	2.7577
5	19.4342	17.8930	740.7335	1056.2858	2.7919

ibsm = f(decimation) - basketball_player_fr0001



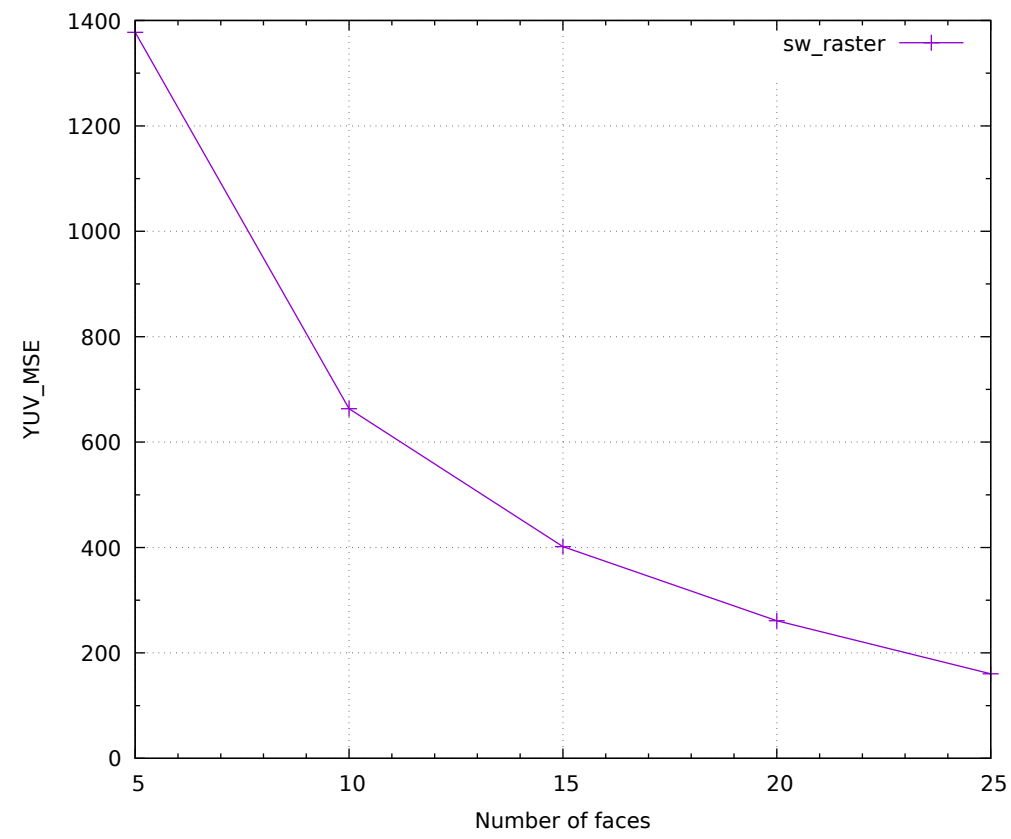
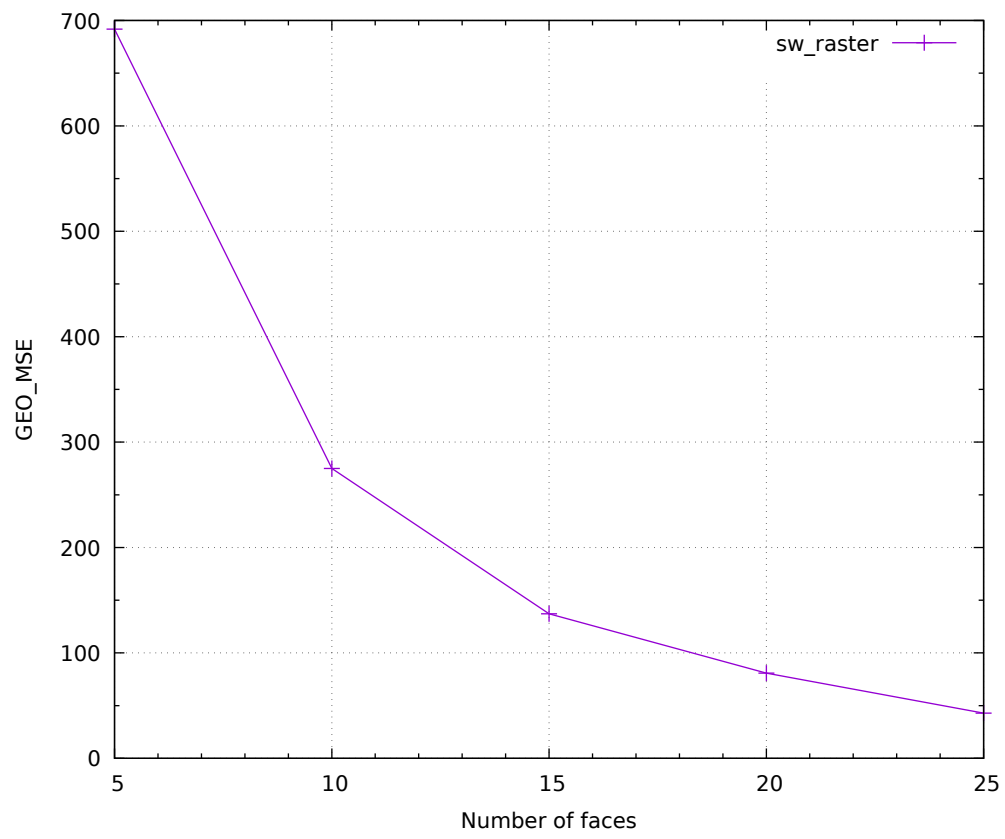
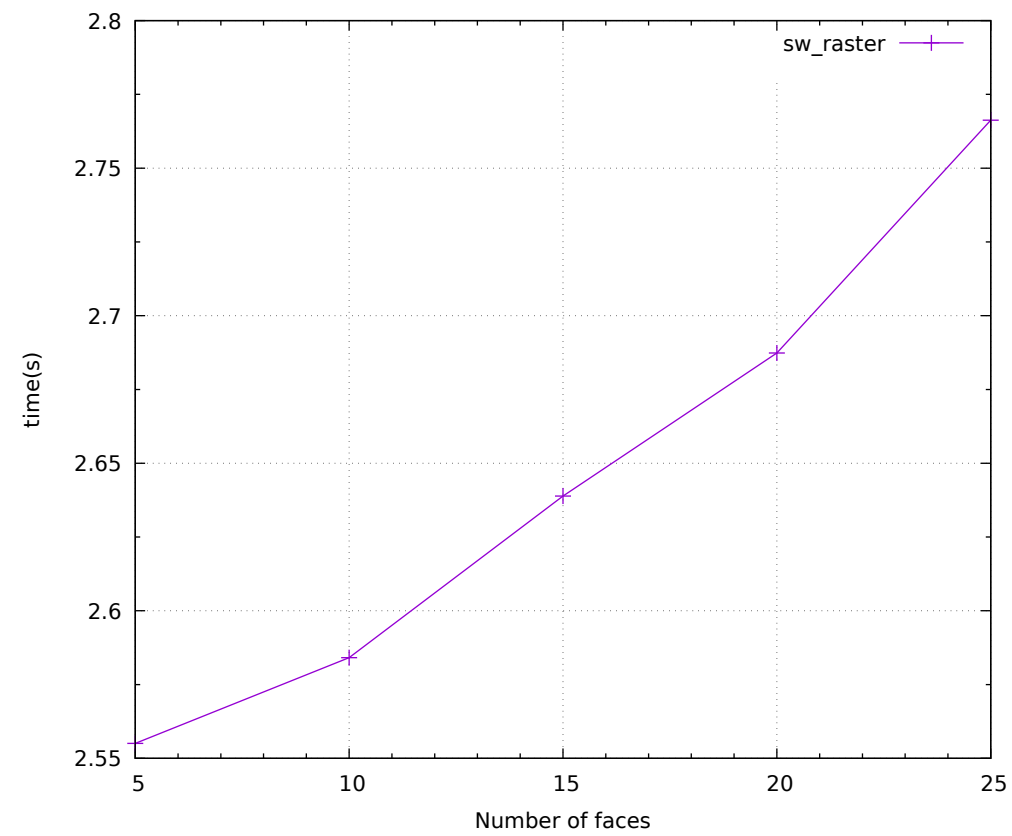
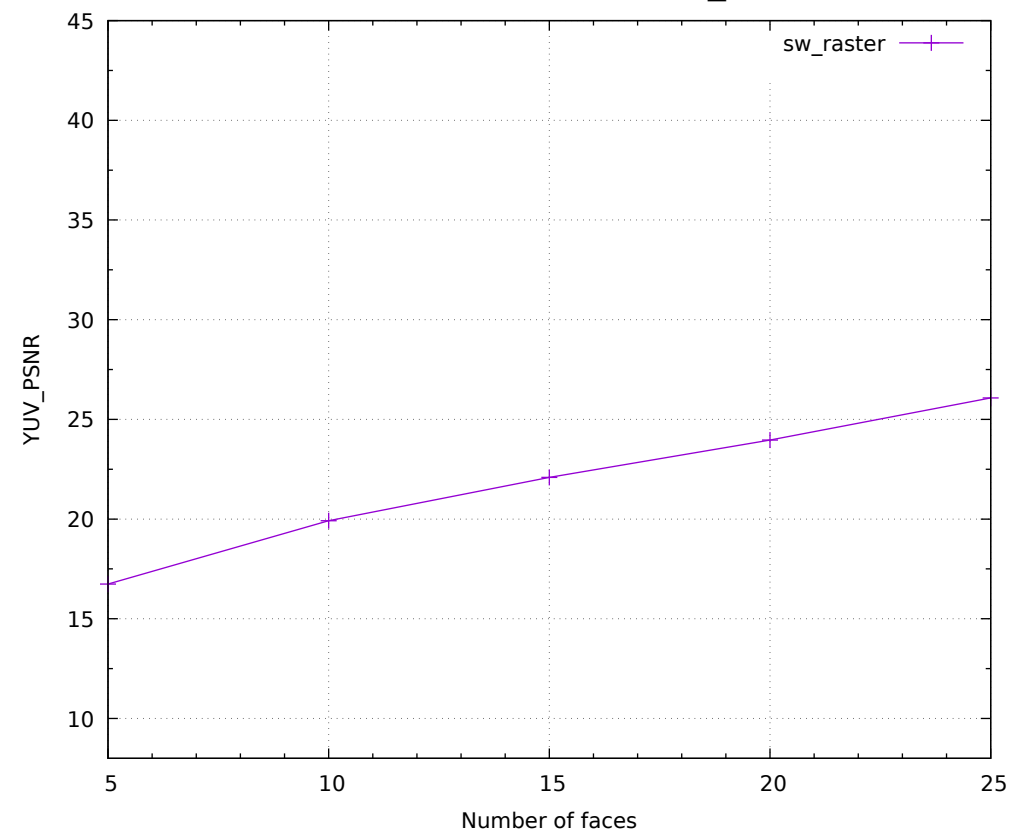
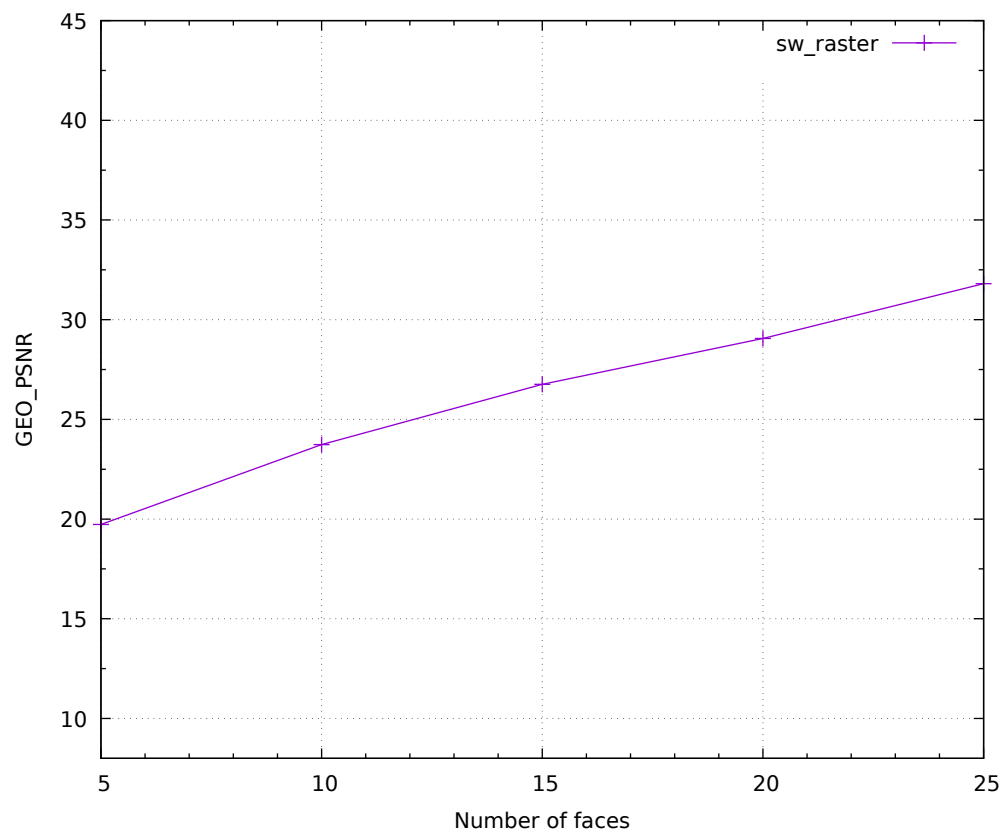
Number of faces					
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	32.6722	29.8421	35.1445	67.4322	2.6190
20	29.3961	27.0189	74.7254	129.1773	2.5535
15	26.6860	24.5500	139.4688	228.0782	2.5927
10	24.0427	22.1798	256.3379	393.6393	2.5234
5	20.2287	18.5683	616.8911	904.1660	2.4400

ibsm = f(decimation) - dancer_fr0001



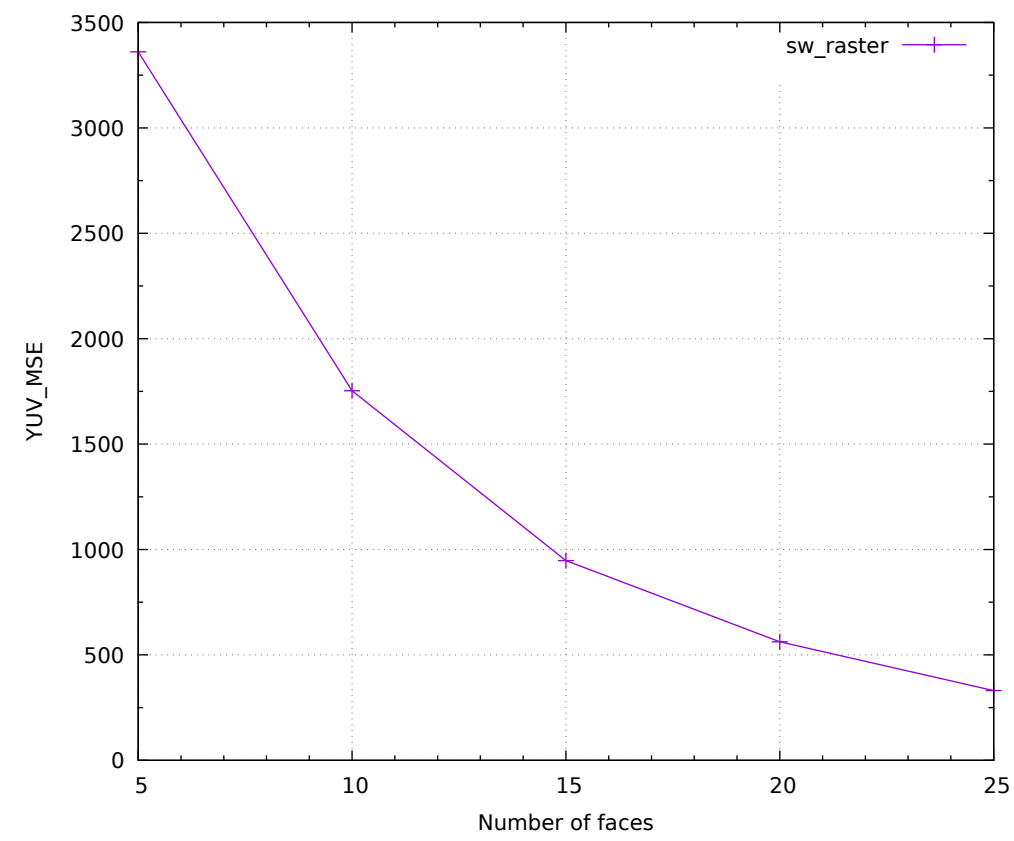
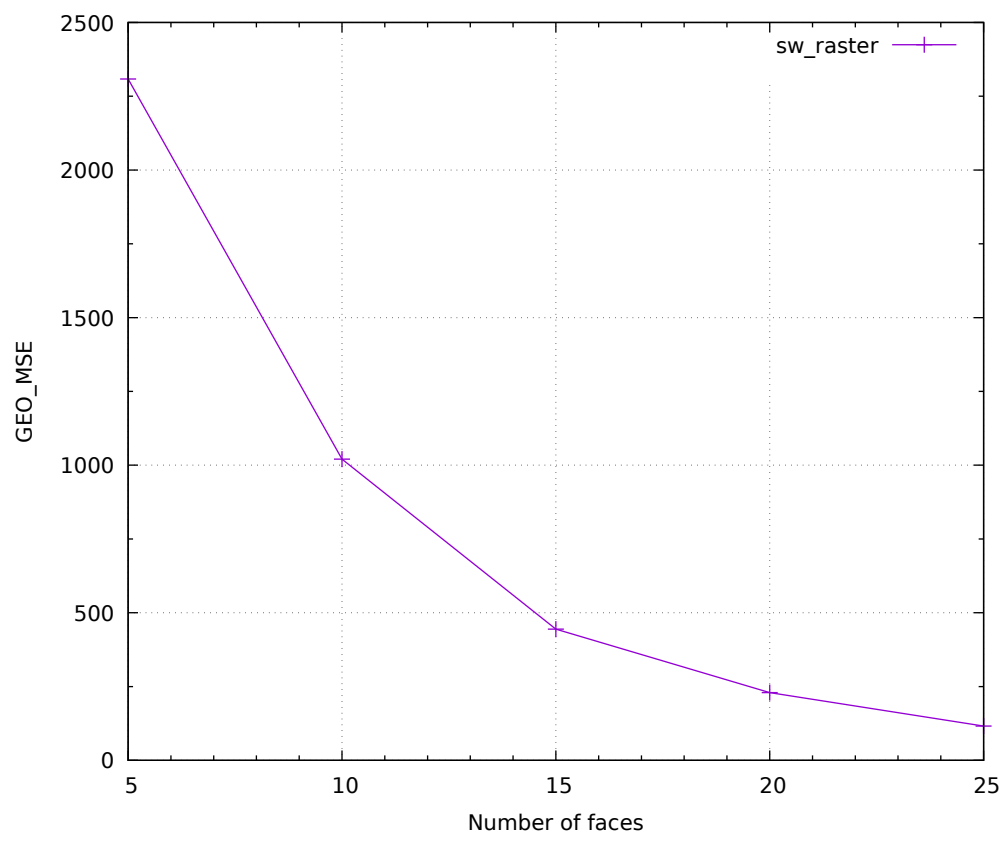
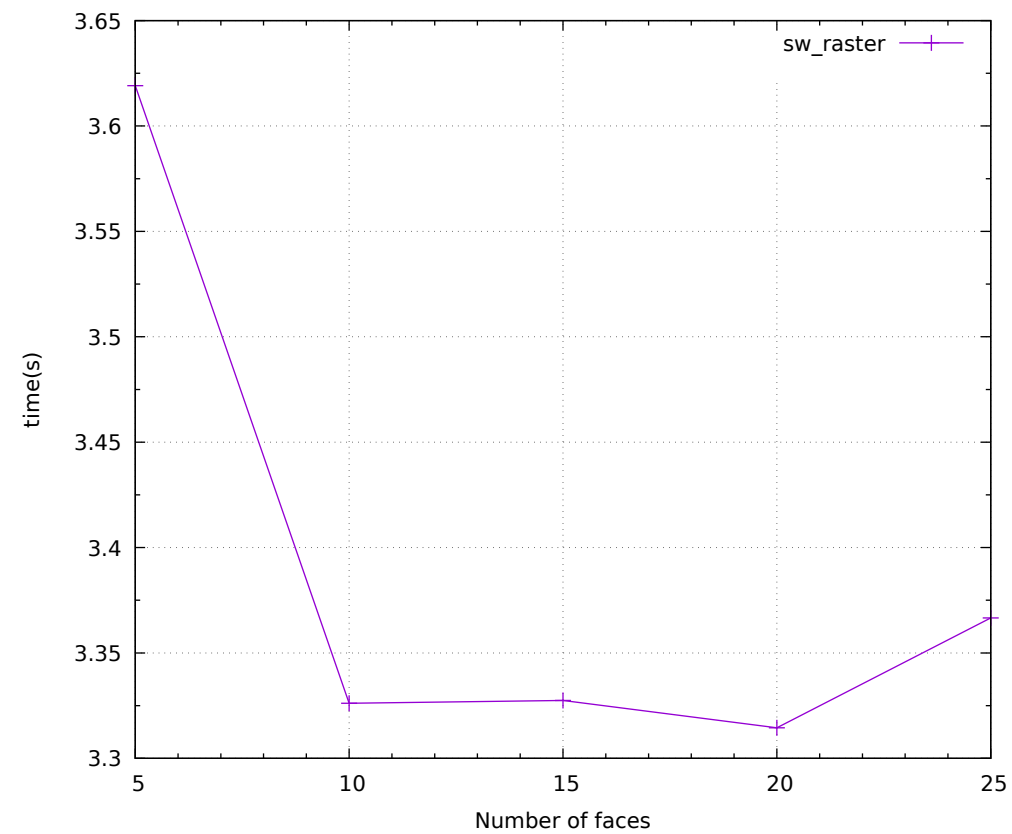
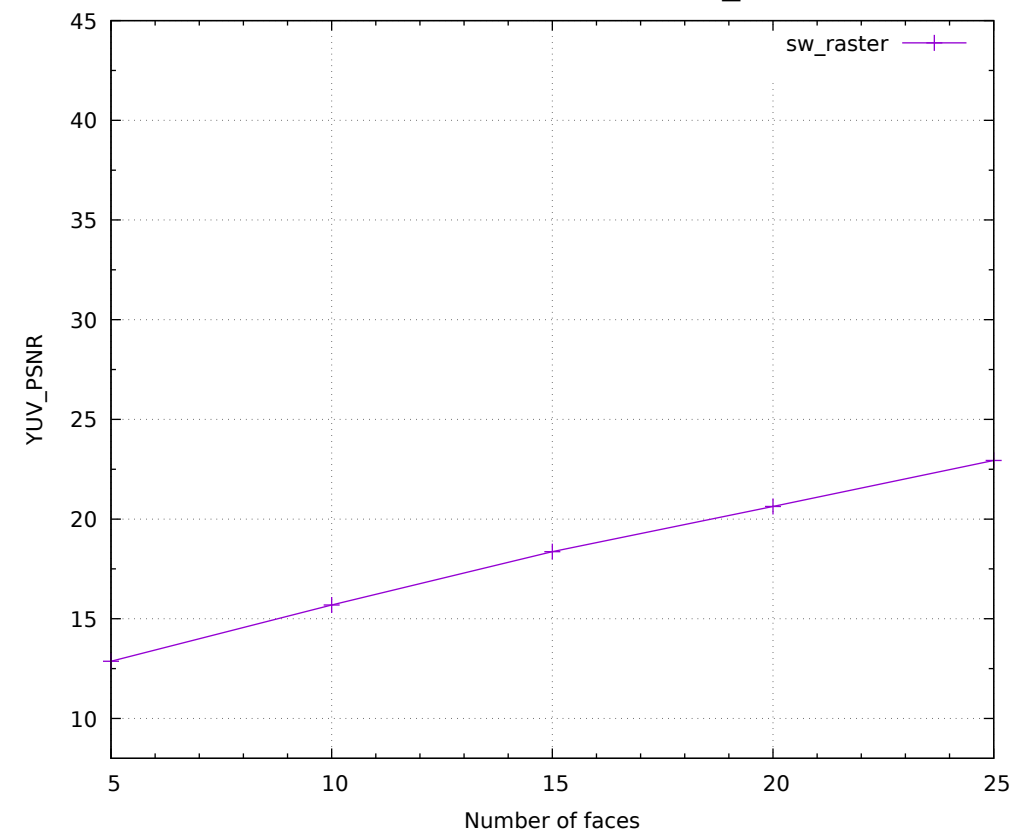
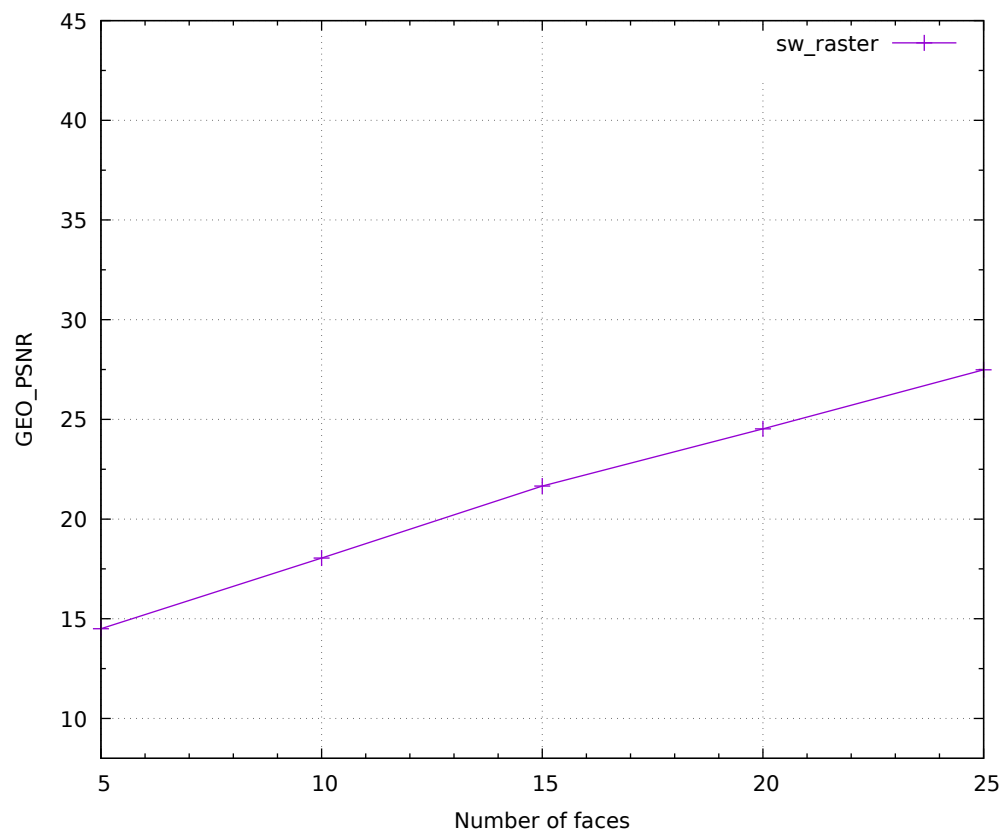
Number of faces					
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	31.7848	28.0546	43.1125	101.7695	2.4628
20	28.2946	25.3324	96.2982	190.4761	2.4244
15	25.7759	23.1444	171.9866	315.2363	2.3776
10	23.1570	20.9882	314.3235	517.9186	2.3351
5	19.4863	17.5520	731.9016	1142.5620	2.2773

ibsm = f(decimation) - model_fr0001



Number of faces					
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	31.8092	26.0786	42.8709	160.4064	2.7662
20	29.0573	23.9637	80.7892	261.0391	2.6874
15	26.7590	22.0921	137.1466	401.6674	2.6389
10	23.7368	19.9141	275.0440	663.2384	2.5841
5	19.7311	16.7397	691.7764	1377.5562	2.5551

ibsm = f(decimation)- football_fr0445

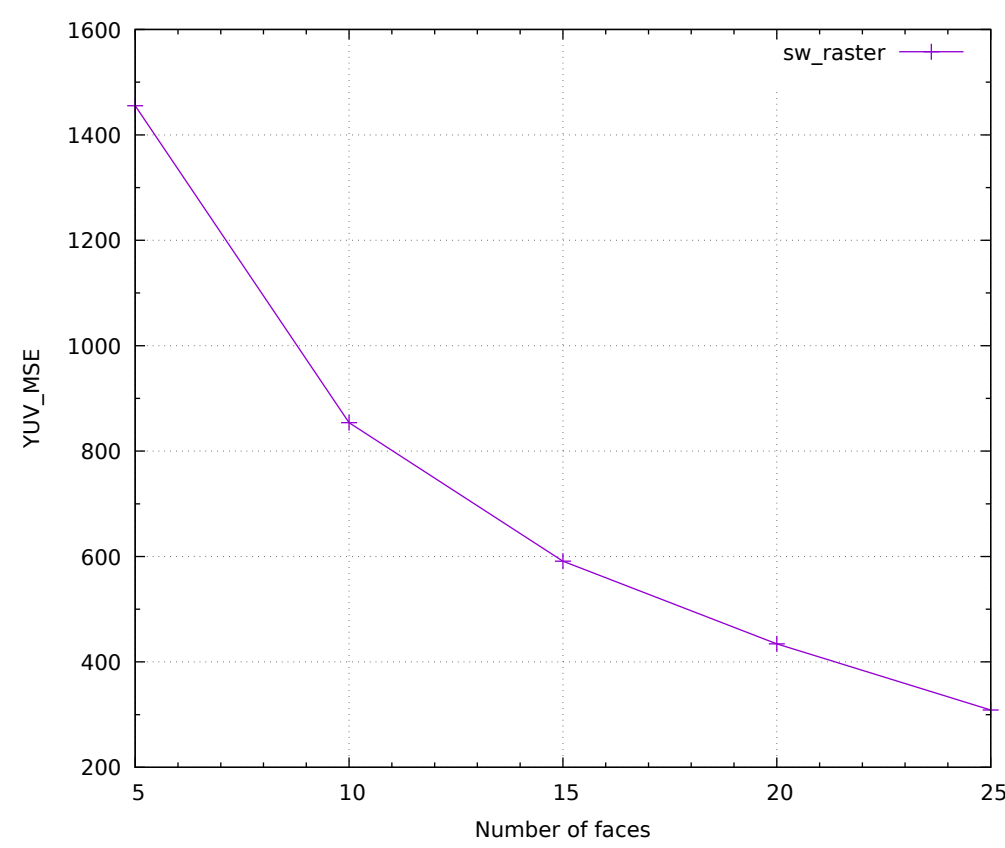
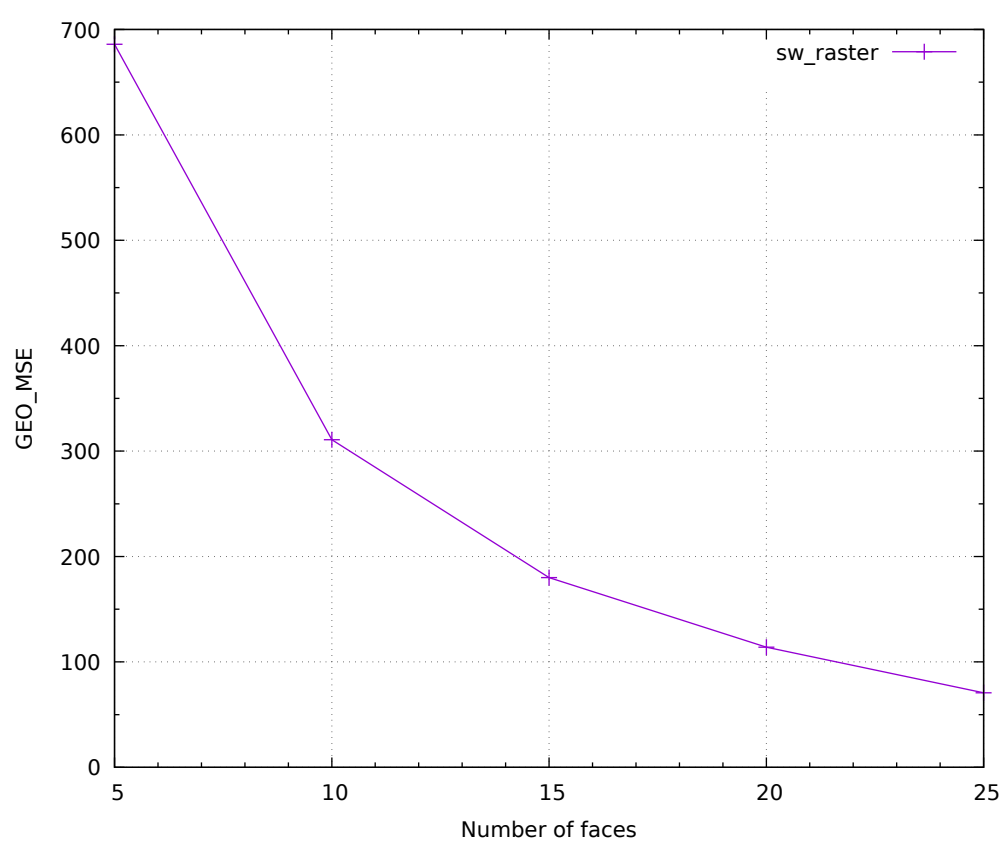
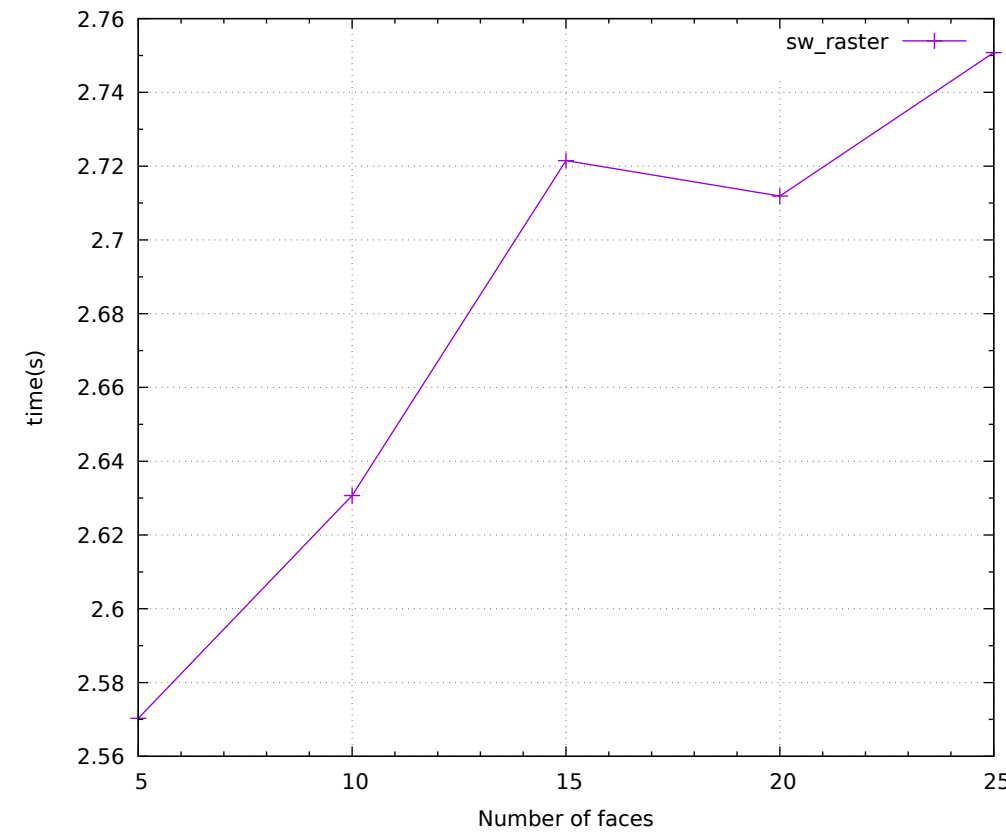
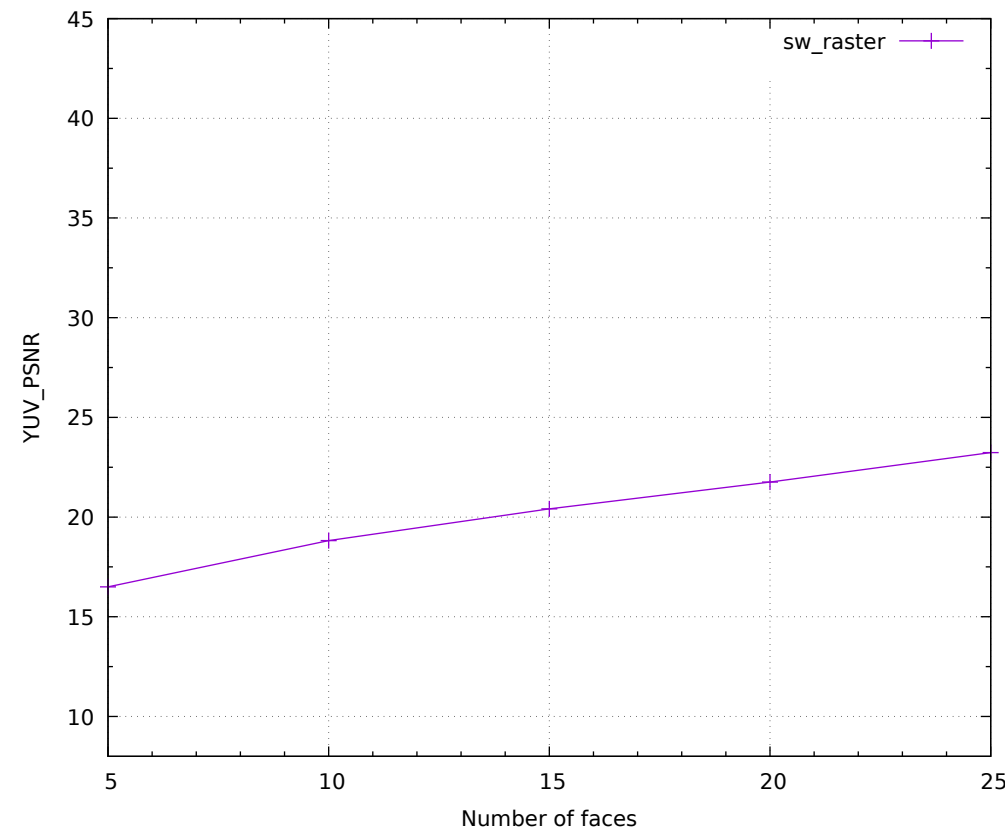
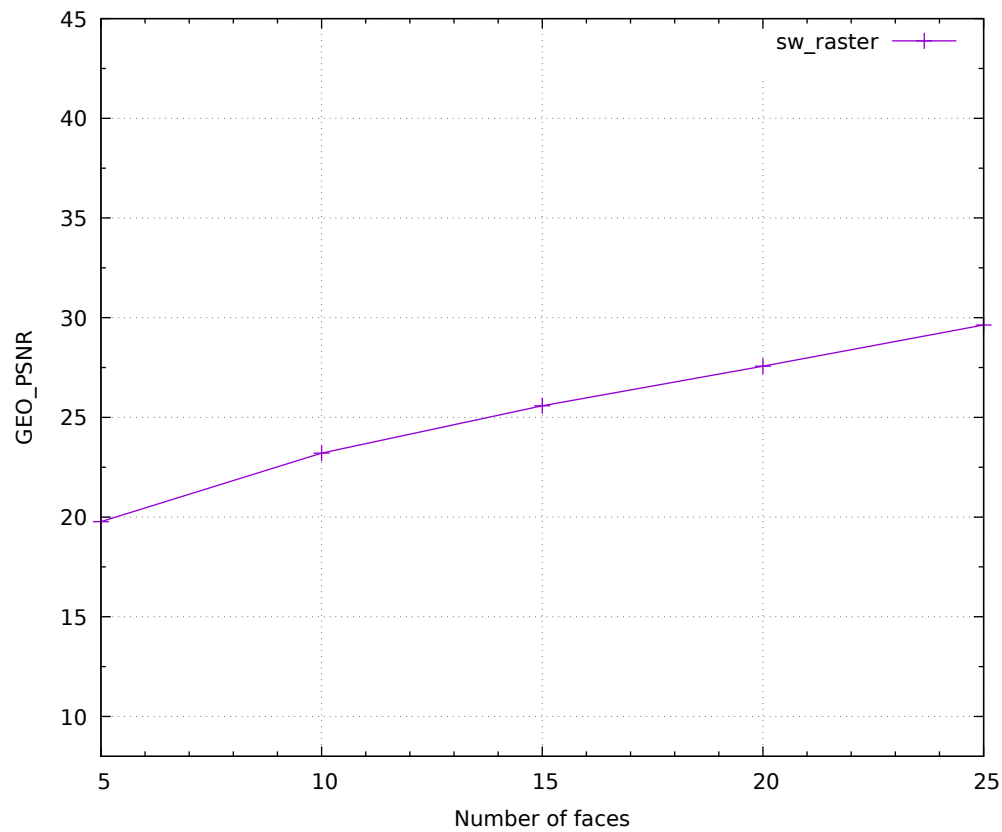


Number of faces					
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	27.4865	22.9379	115.9916	330.5912	3.3666
20	24.5259	20.6337	229.3456	561.9617	3.3145
15	21.6520	18.3647	444.5079	947.5707	3.3275
10	18.0425	15.6929	1020.5515	1753.0253	3.3261
5	14.4973	12.8661	2308.6243	3360.9875	3.6192

ibsm = f(decimation) - frederick_fr0051

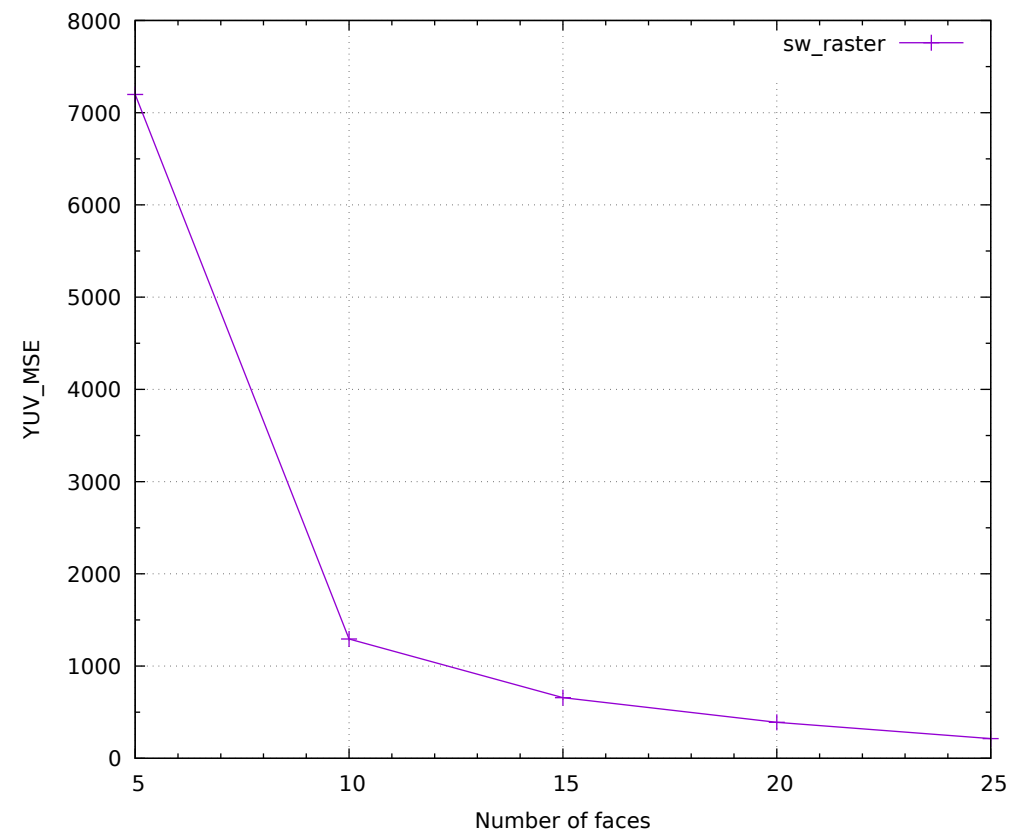
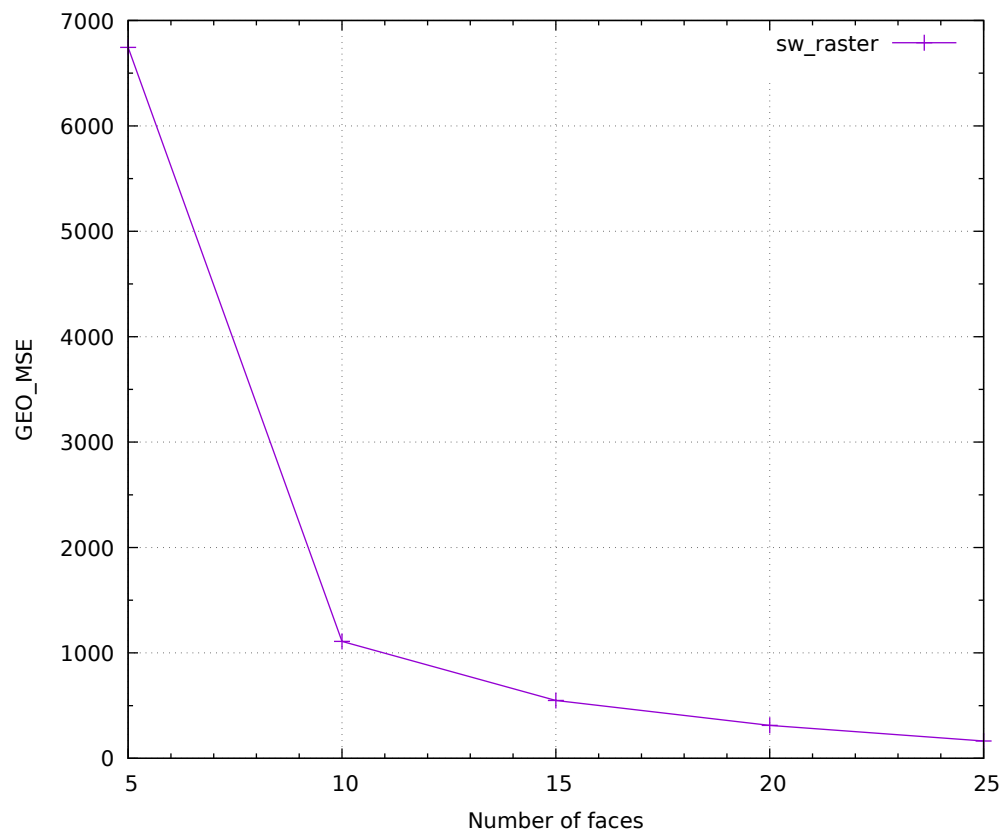
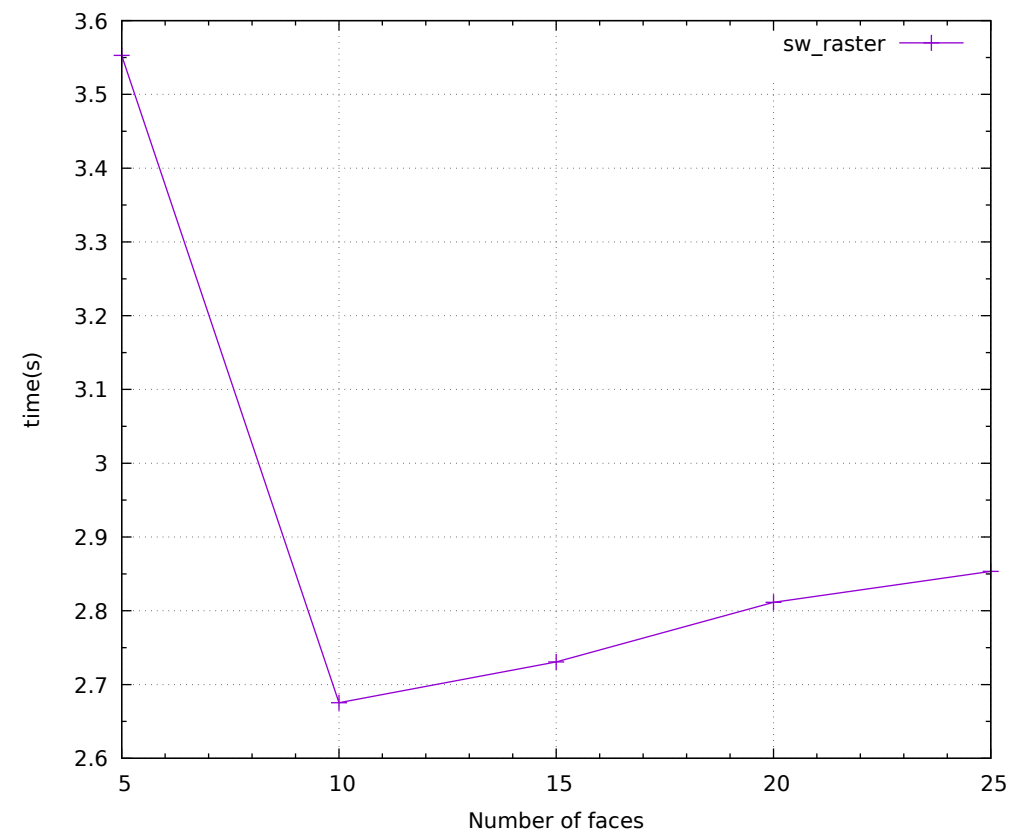
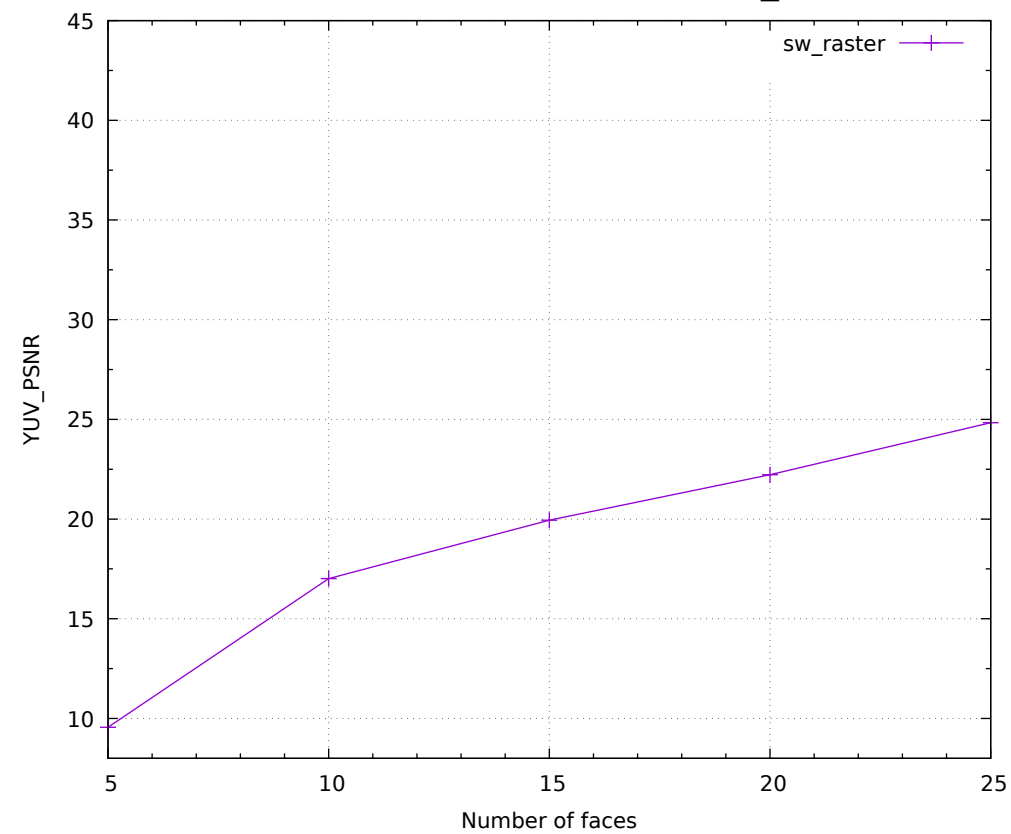
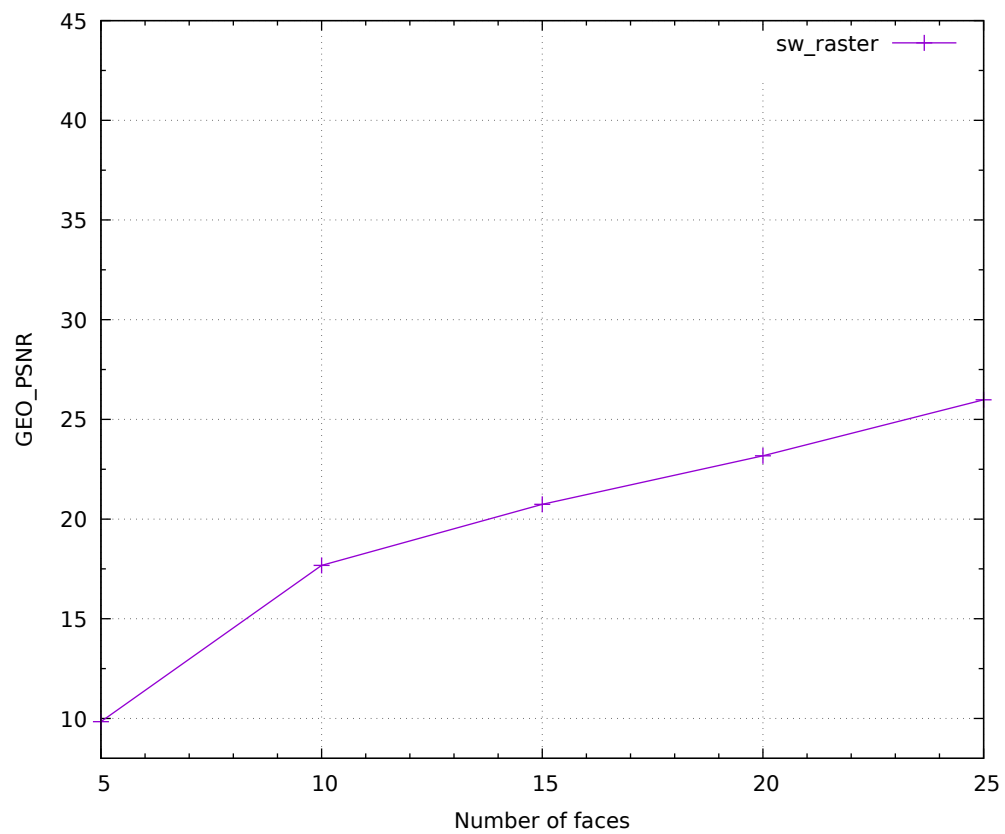
ibsm = f(decimation) - levi_fr0000

ibsm = f(decimation) - longdress_fr1051



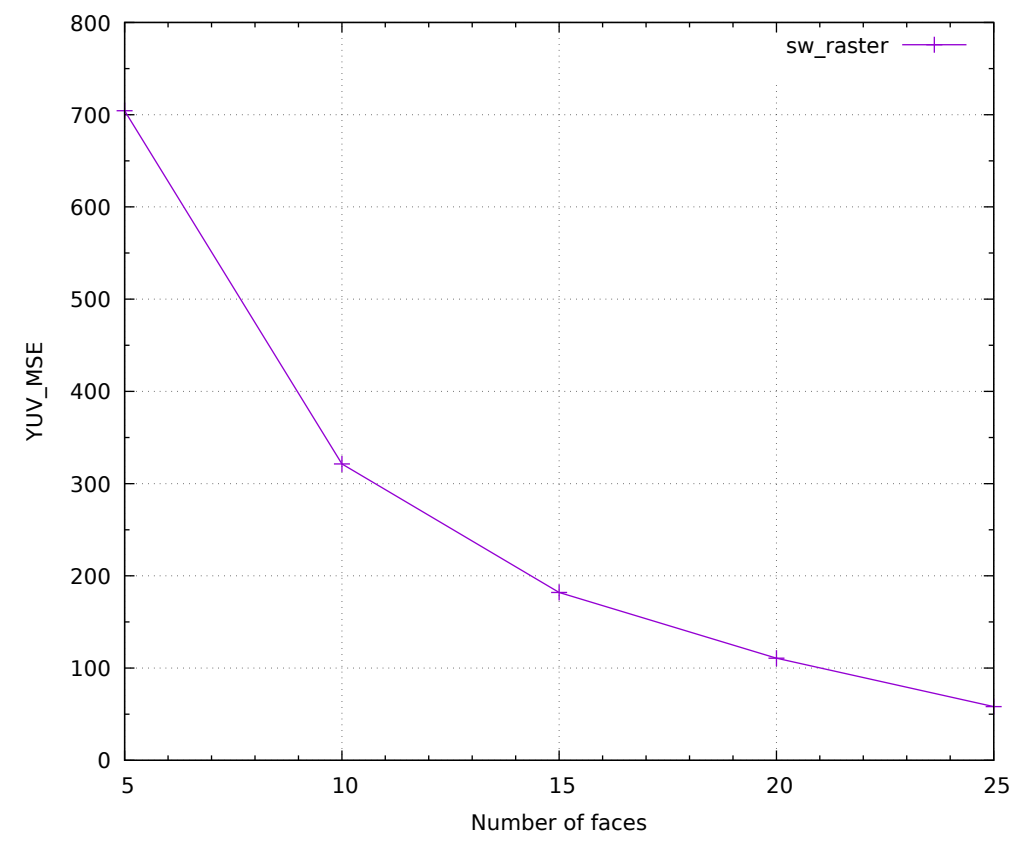
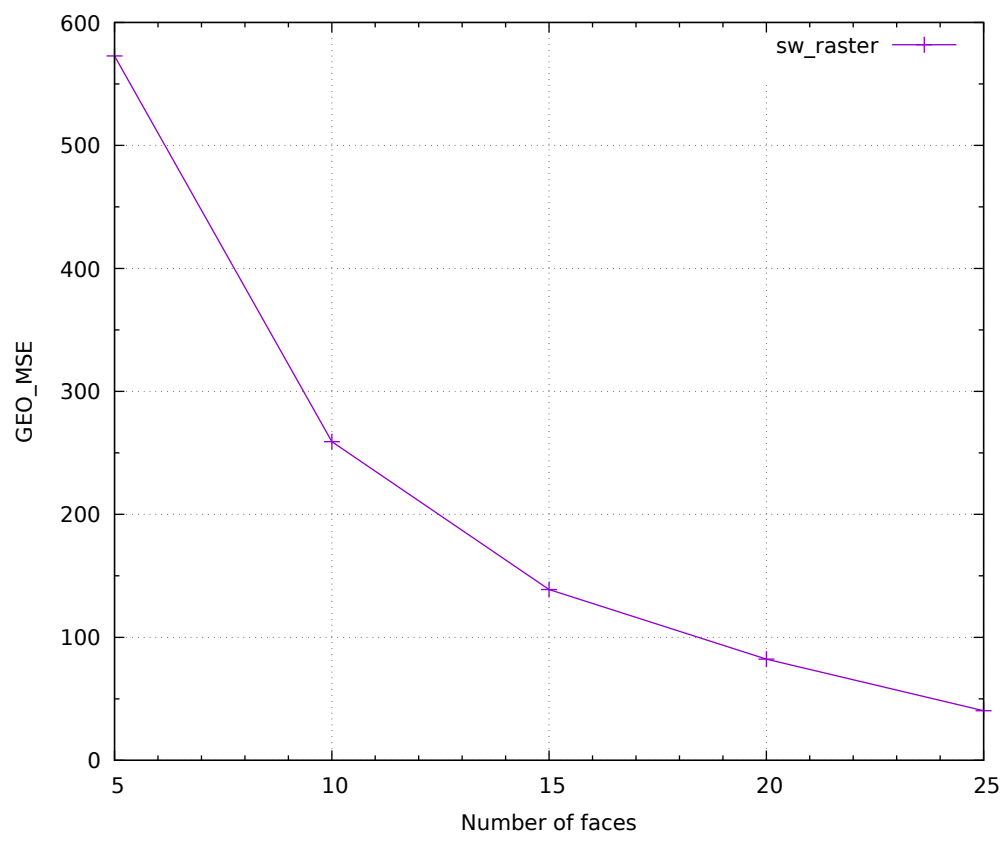
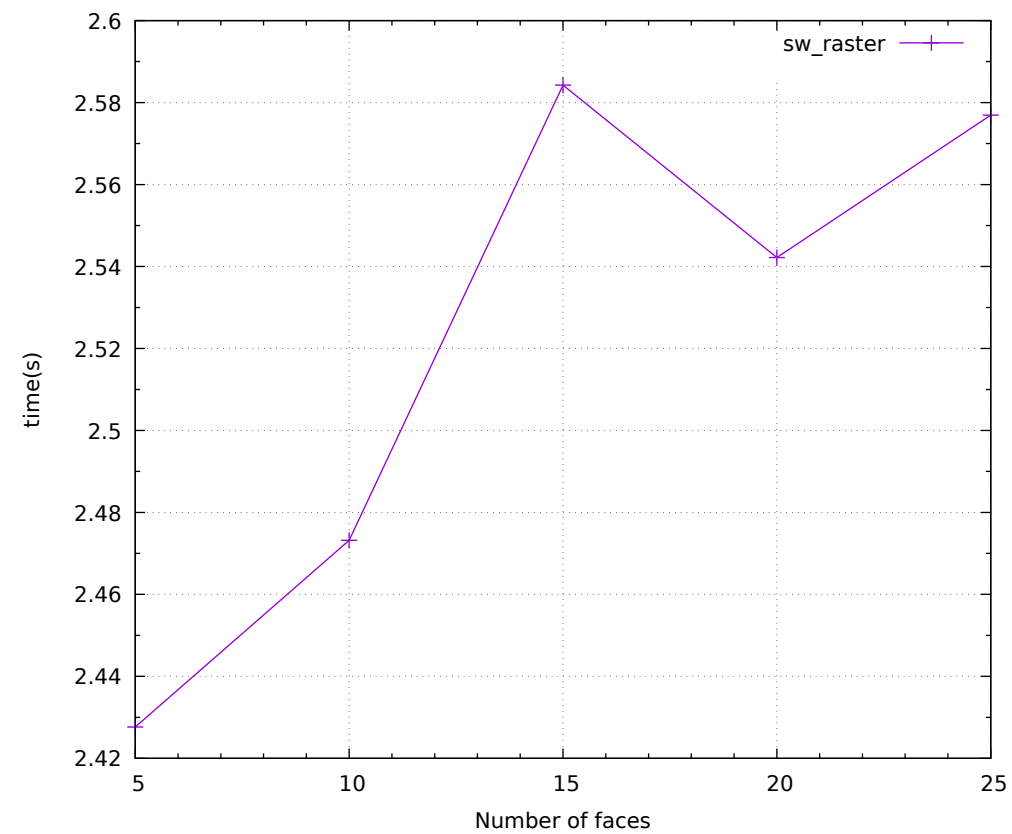
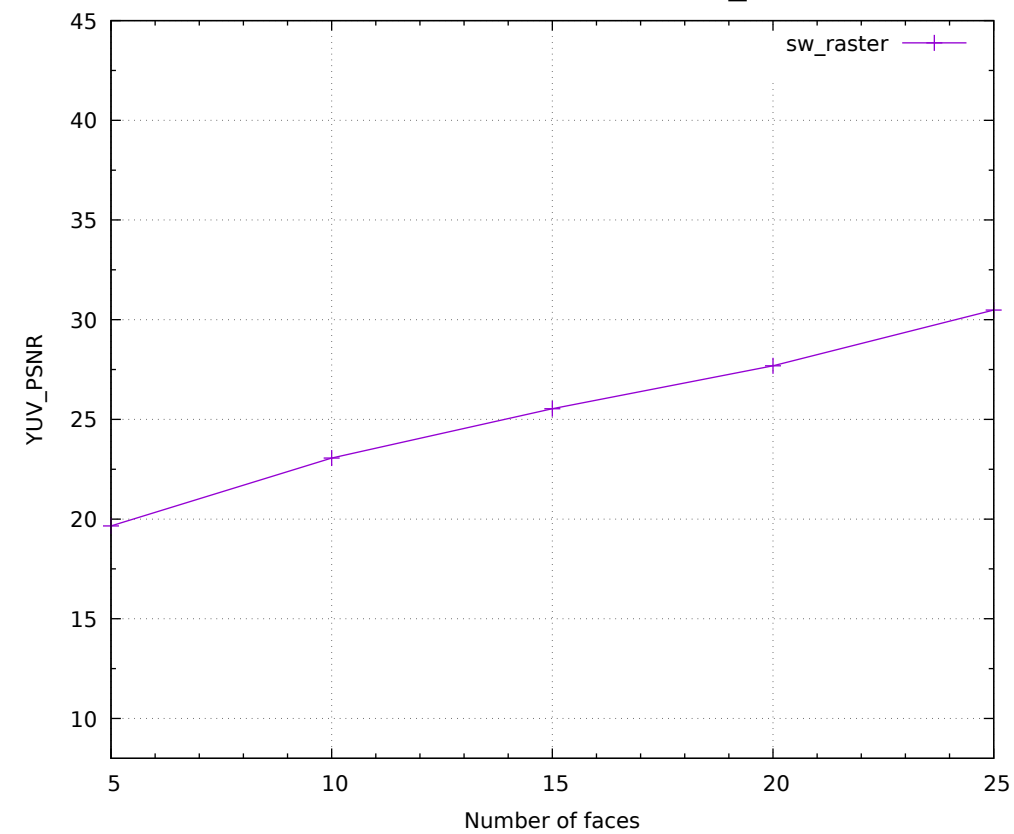
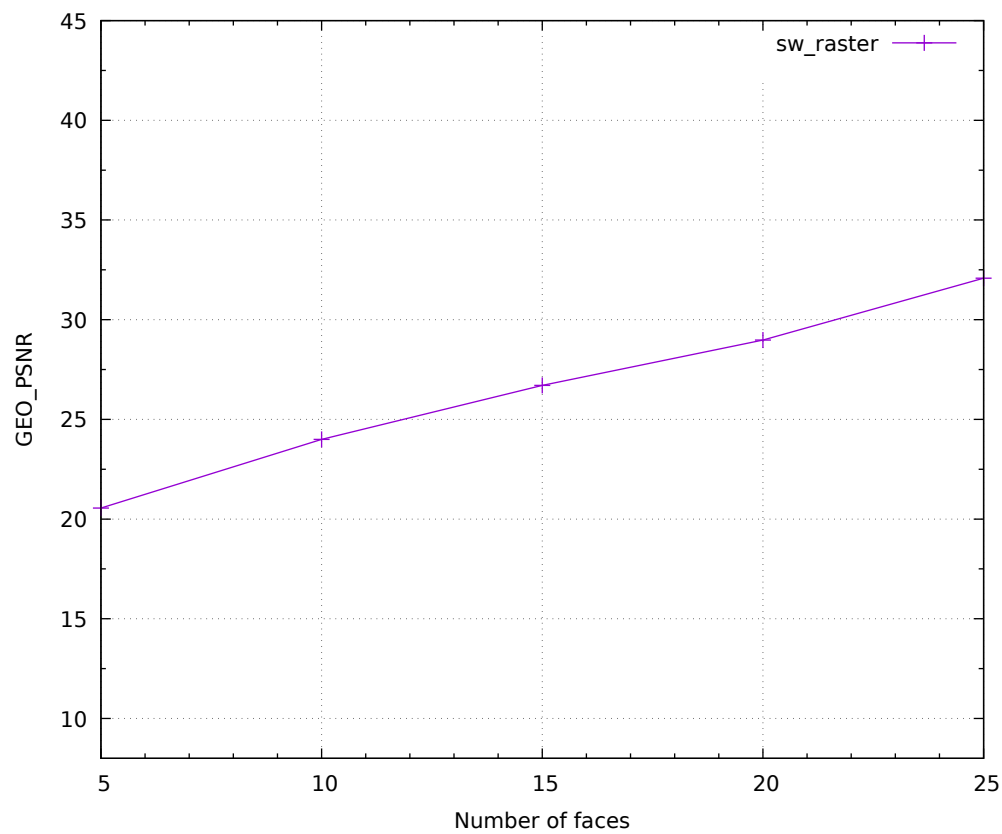
Number of faces					
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	29.6337	23.2333	70.7472	308.8553	2.7508
20	27.5647	21.7533	113.9216	434.2564	2.7119
15	25.5787	20.4140	179.9727	591.1204	2.7215
10	23.2054	18.8170	310.8460	853.8554	2.6307
5	19.7681	16.5009	685.9080	1455.4148	2.5703

ibsm = f(decimation) - redandblack_fr1450



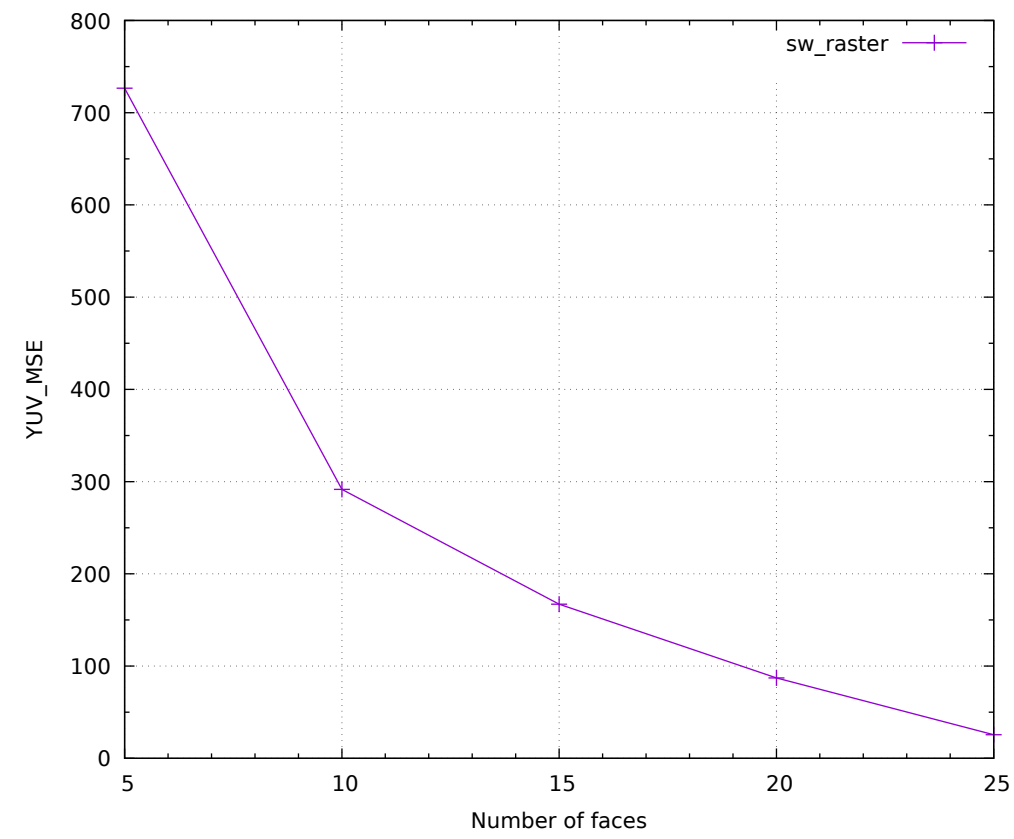
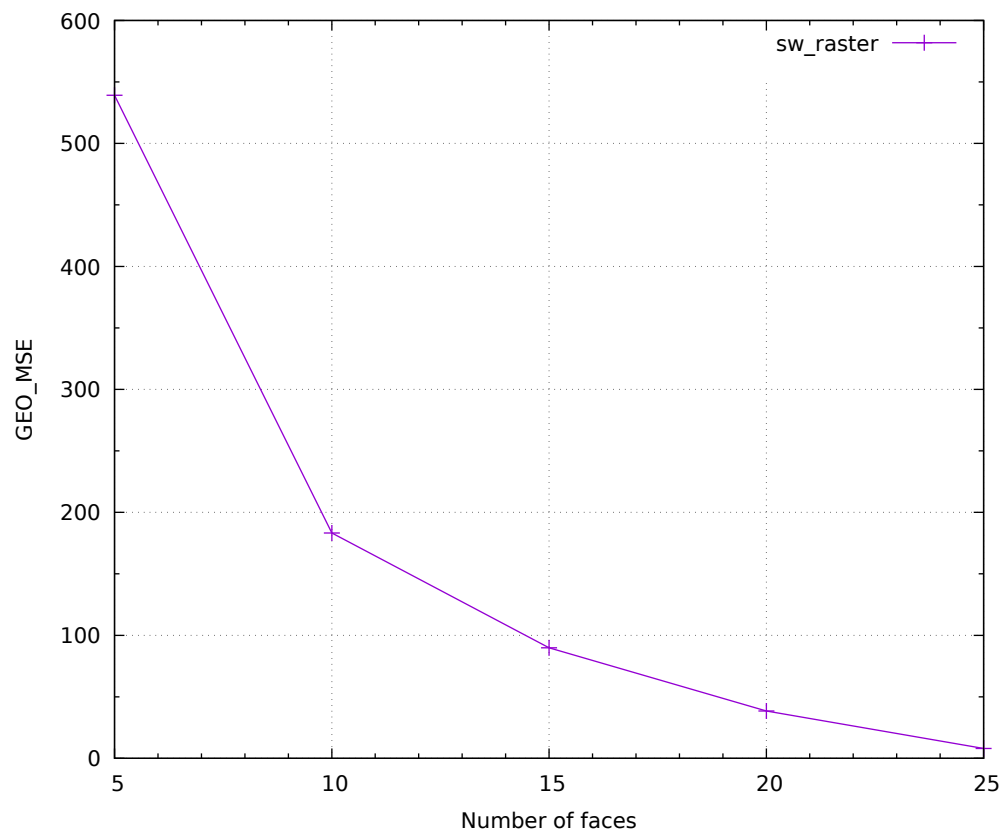
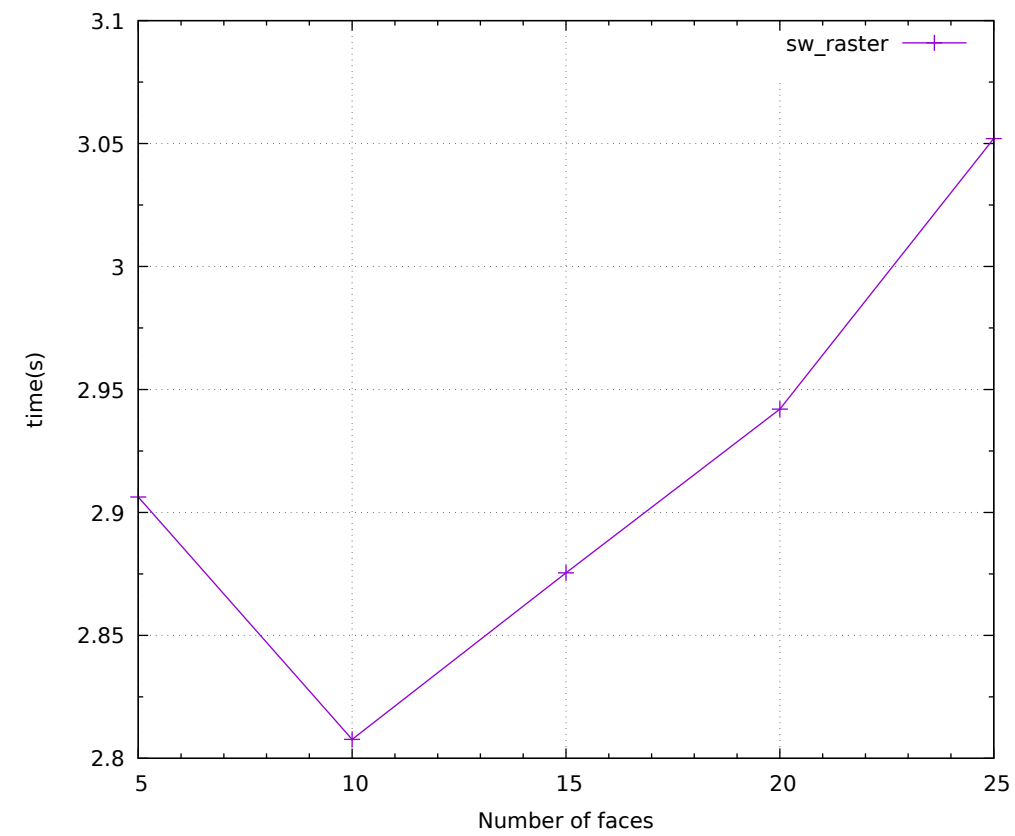
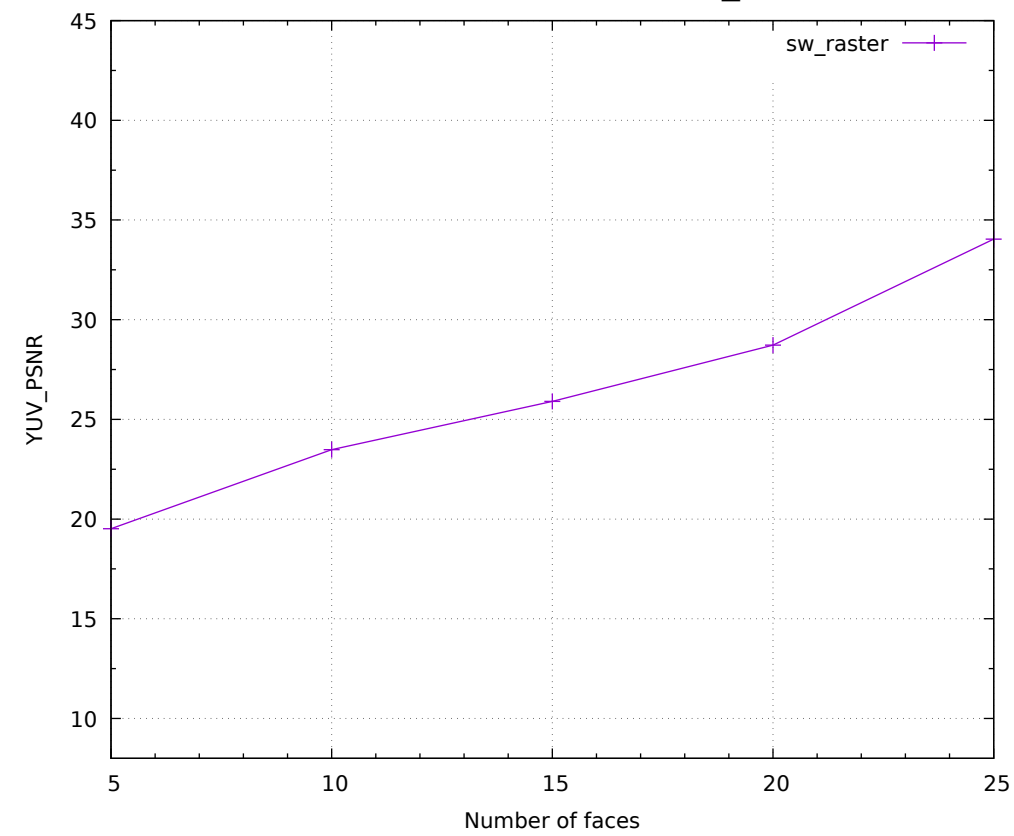
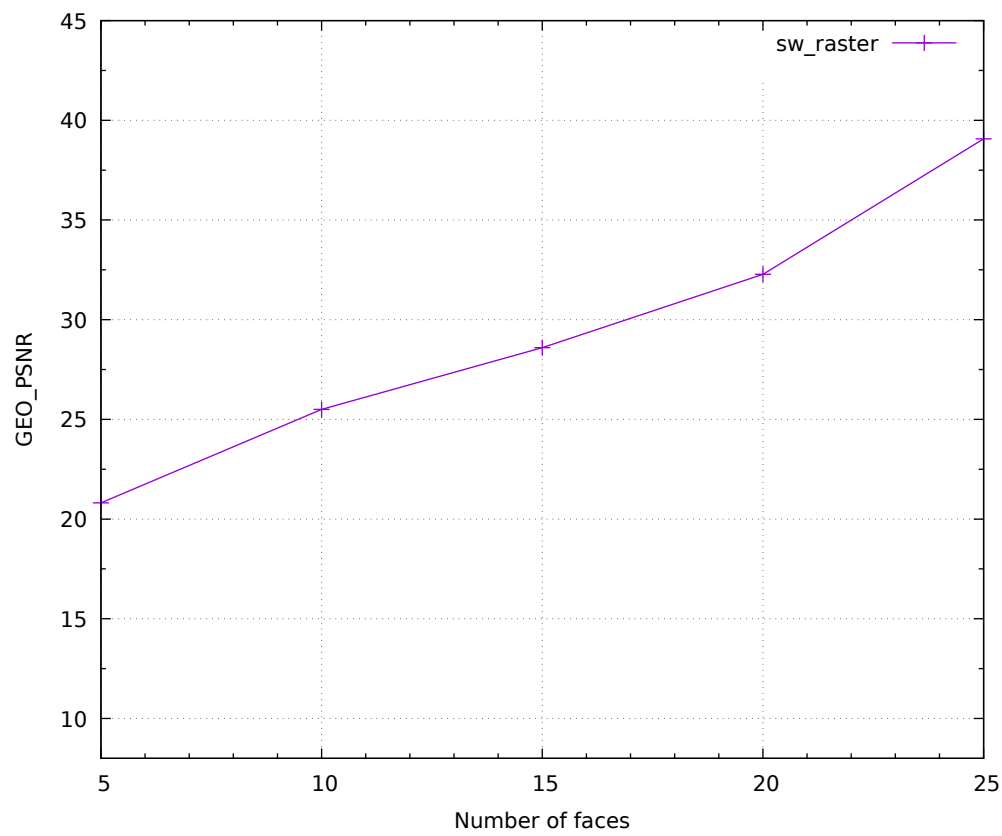
Number of faces					
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	25.9787	24.8297	164.1376	213.8490	2.8534
20	23.1760	22.2231	312.9524	389.7353	2.8115
15	20.7400	19.9461	548.3756	658.3770	2.7307
10	17.6785	17.0123	1109.7540	1293.7466	2.6754
5	9.8415	9.5585	6744.1338	7198.3579	3.5527

ibsm = f(decimation) - exercise_fr0301



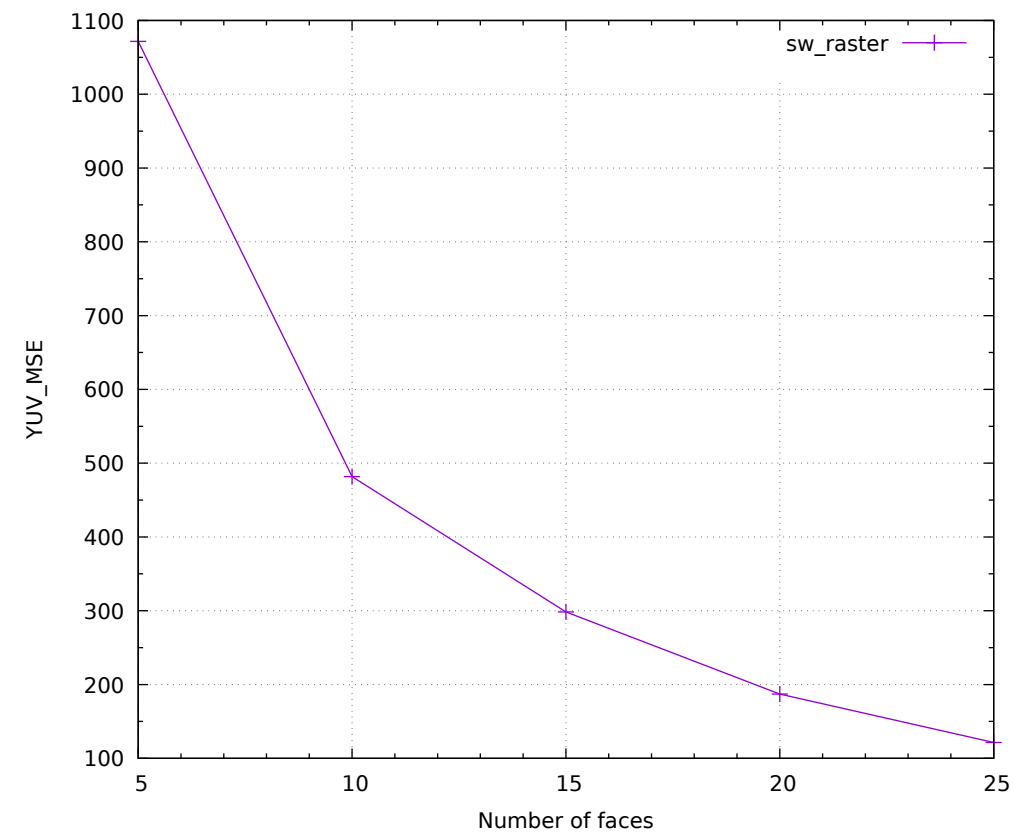
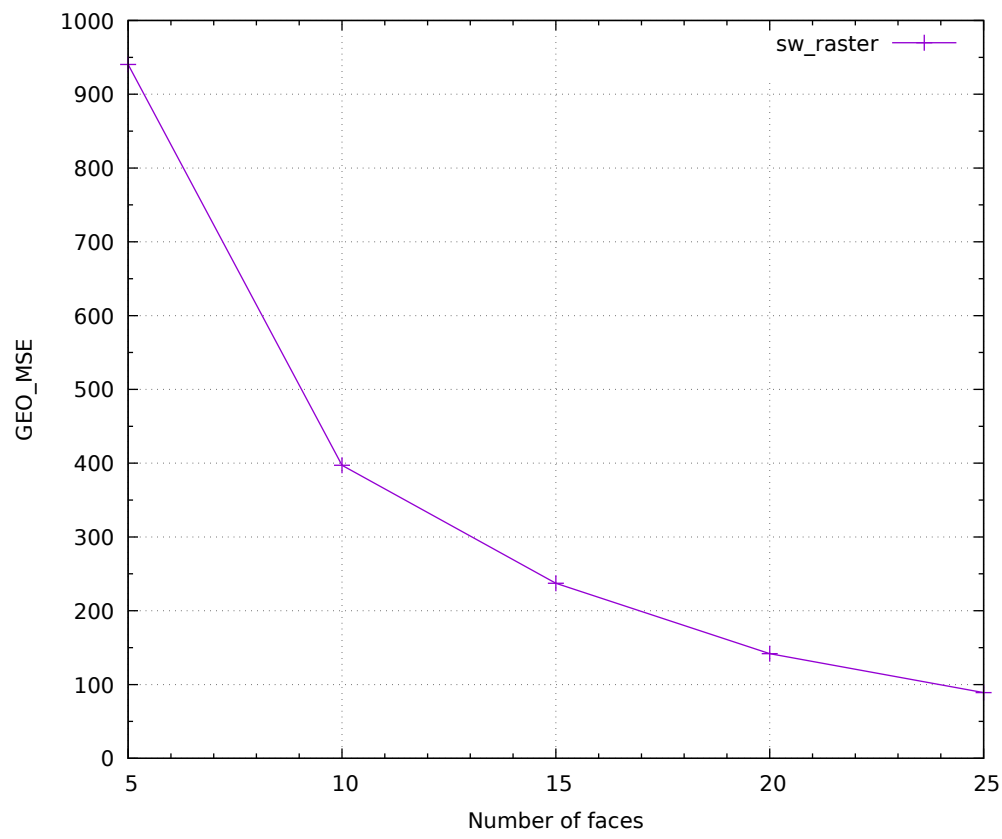
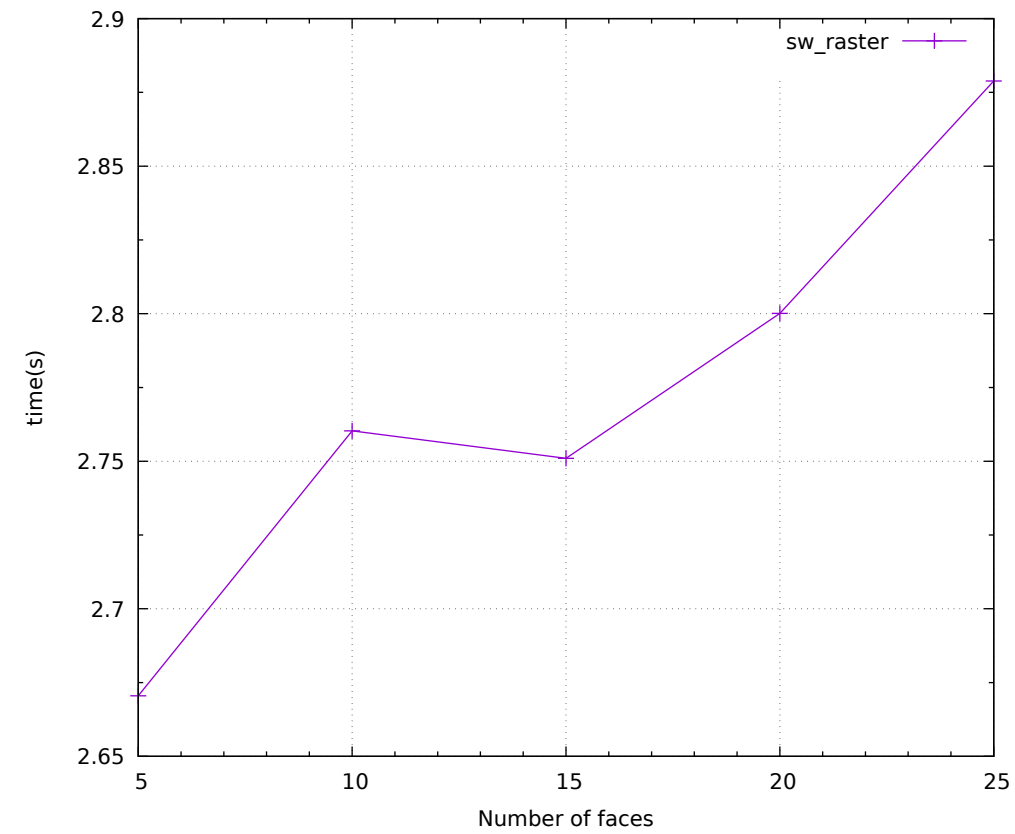
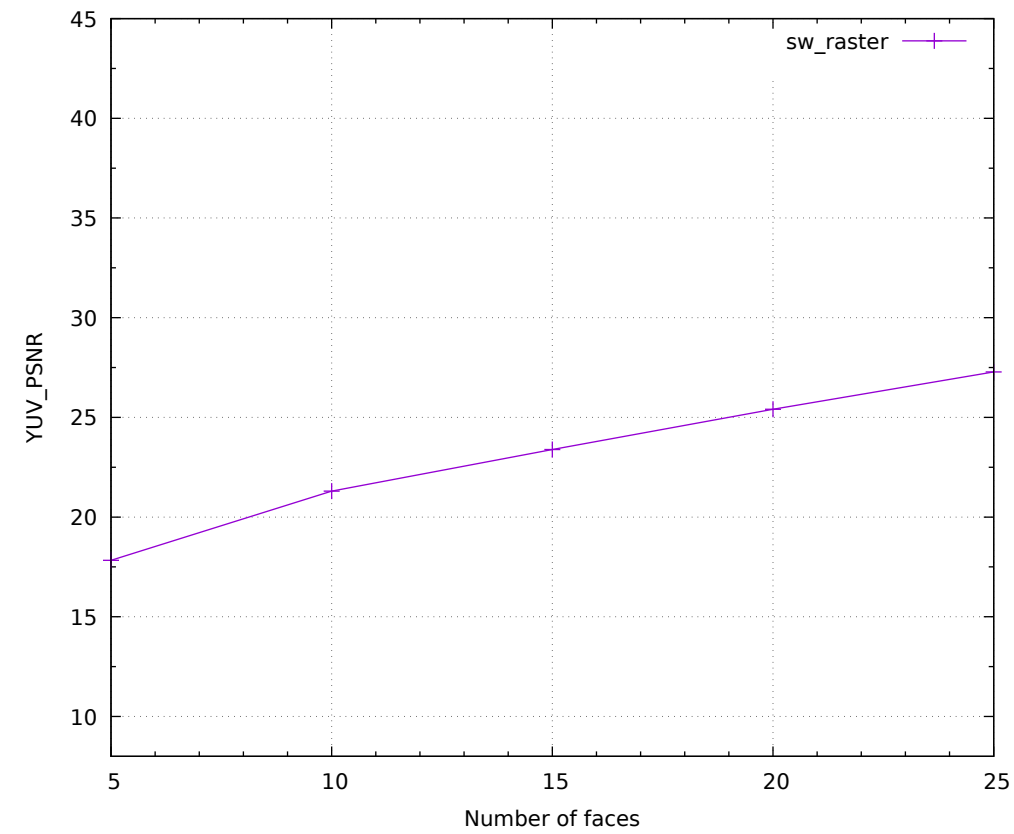
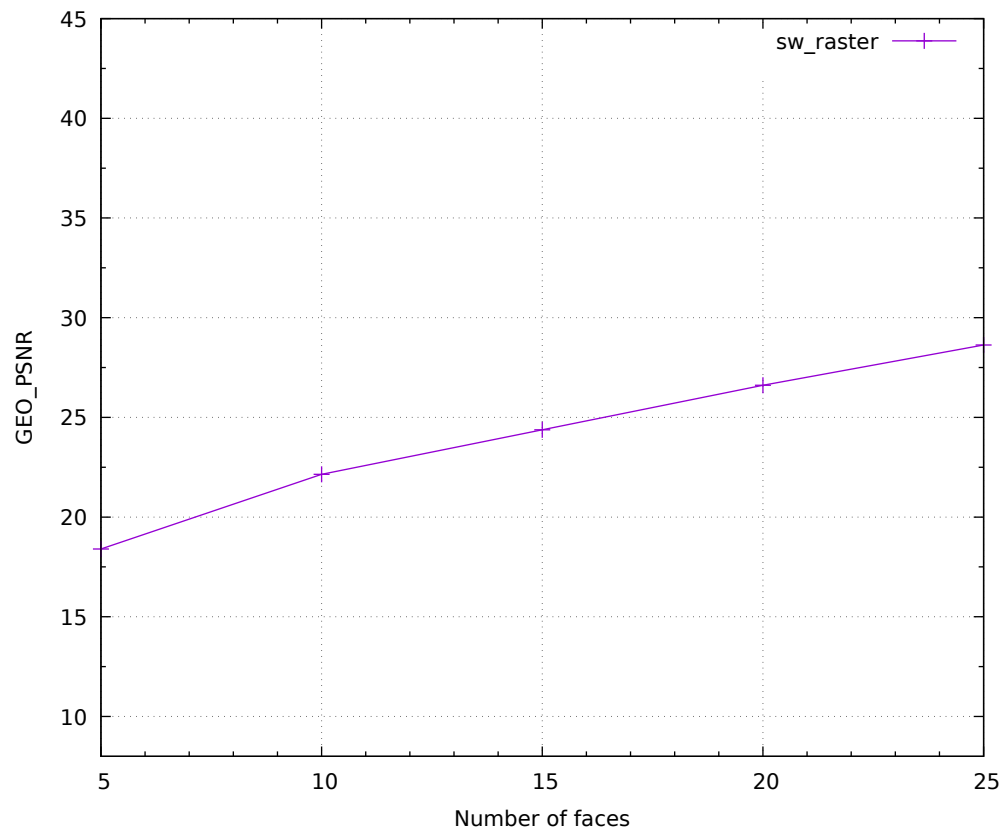
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	32.0788	30.4813	40.2903	58.2036	2.5769
20	28.9745	27.6866	82.3435	110.7688	2.5422
15	26.7027	25.5312	138.9342	181.9523	2.5843
10	23.9954	23.0601	259.1442	321.4212	2.4732
5	20.5507	19.6534	572.8159	704.2761	2.4276

ibsm = f(decimation)- thomas_fr0618



num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	39.0655	34.0418	8.0637	25.6392	3.0520
20	32.2722	28.7256	38.5352	87.2005	2.9420
15	28.5963	25.9004	89.8367	167.1253	2.8754
10	25.5004	23.4835	183.2478	291.5634	2.8077
5	20.8137	19.5182	539.1537	726.5457	2.9063

ibsm = f(decimation) - loot_fr1000



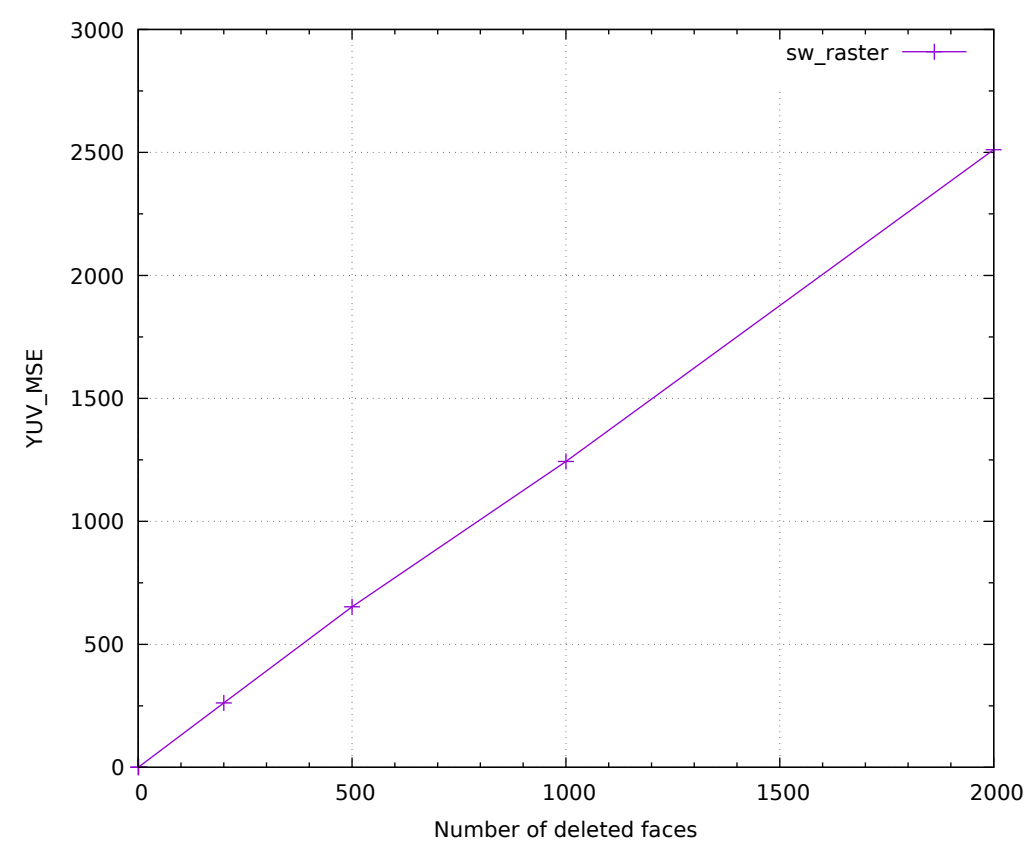
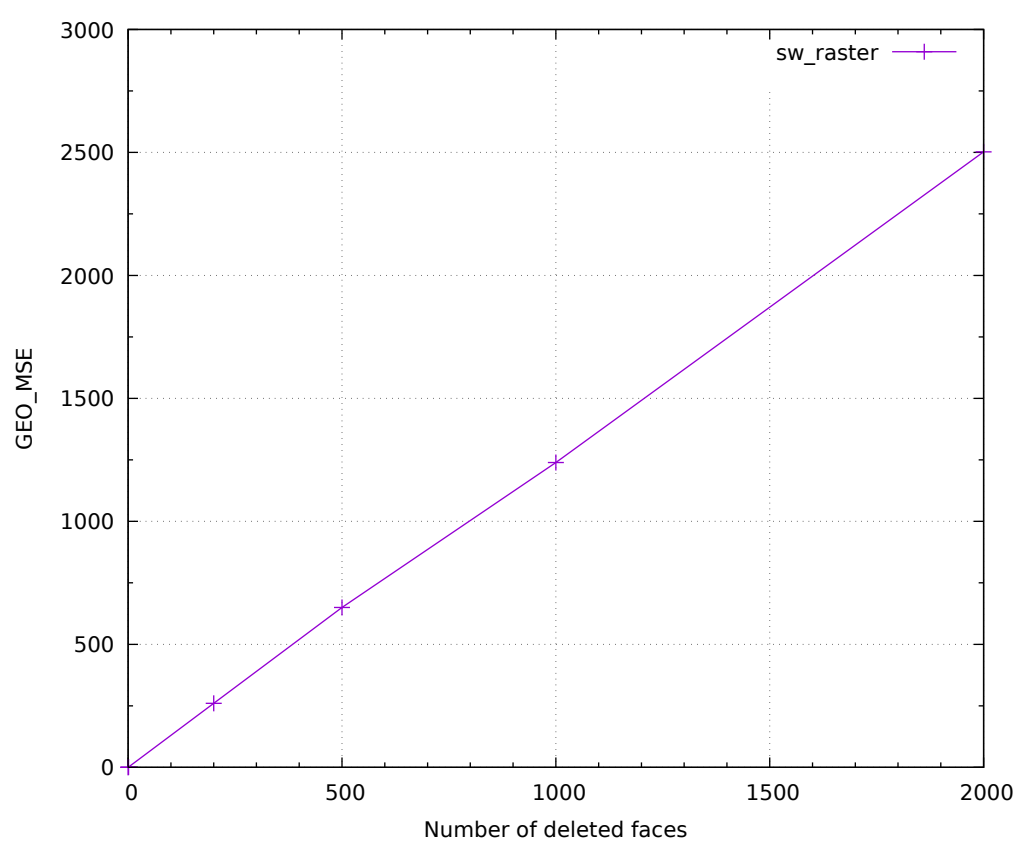
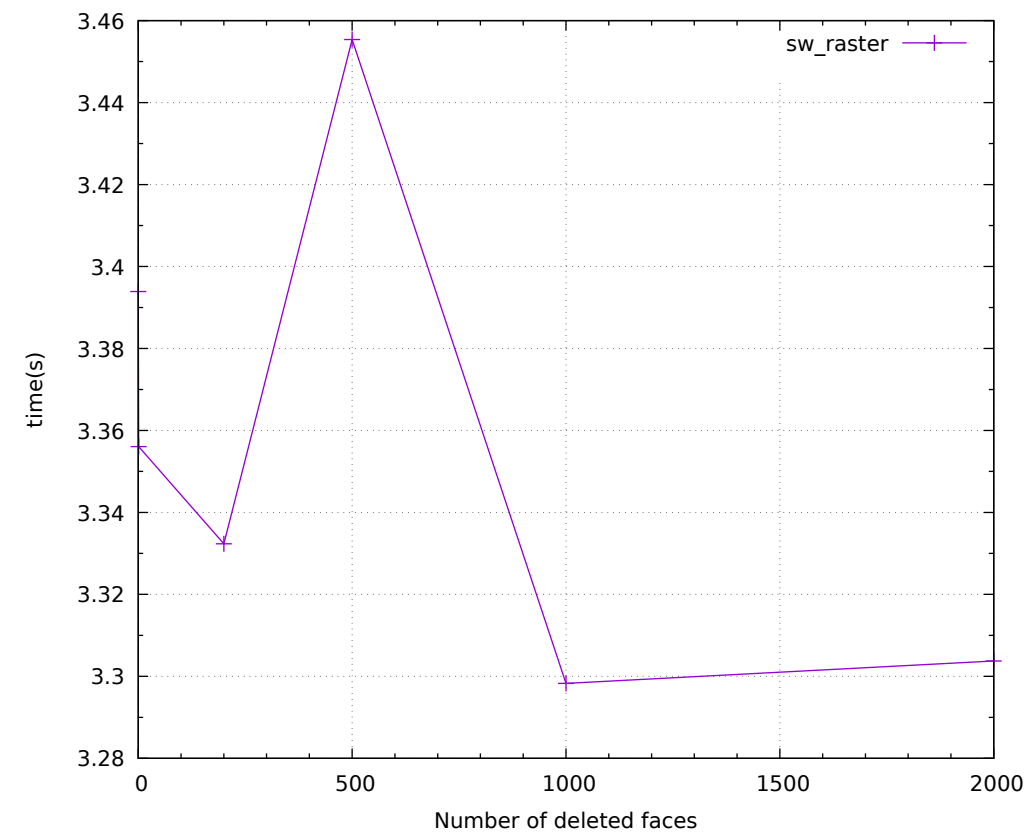
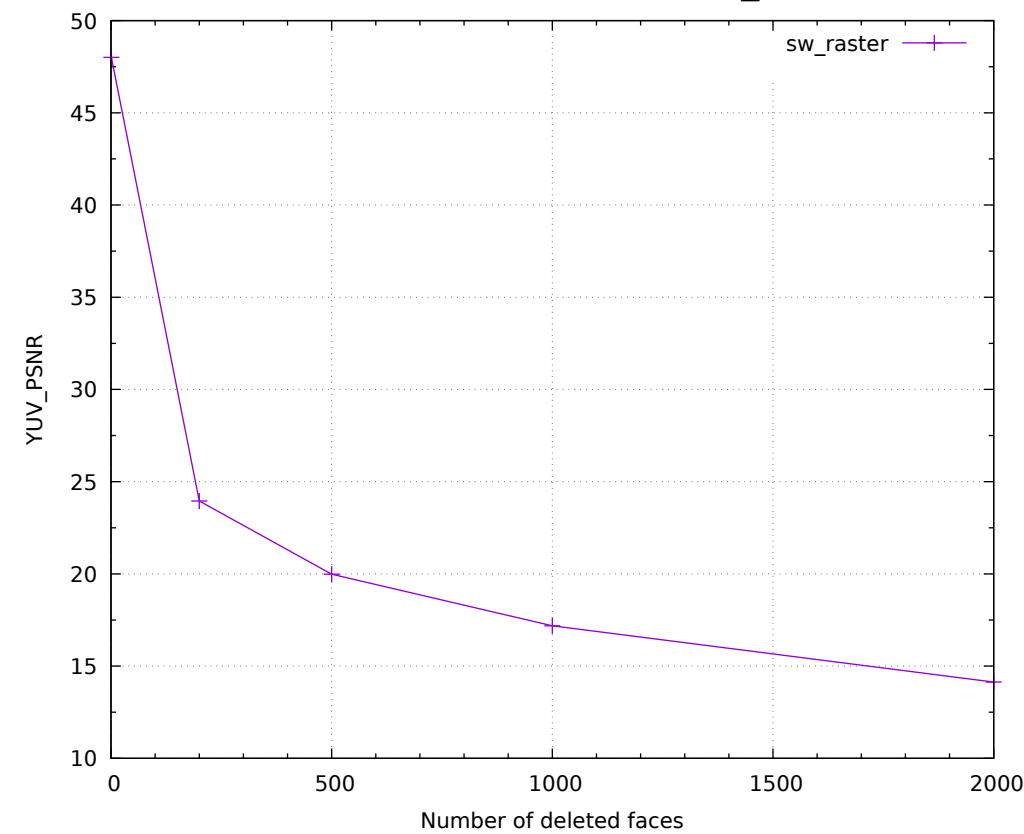
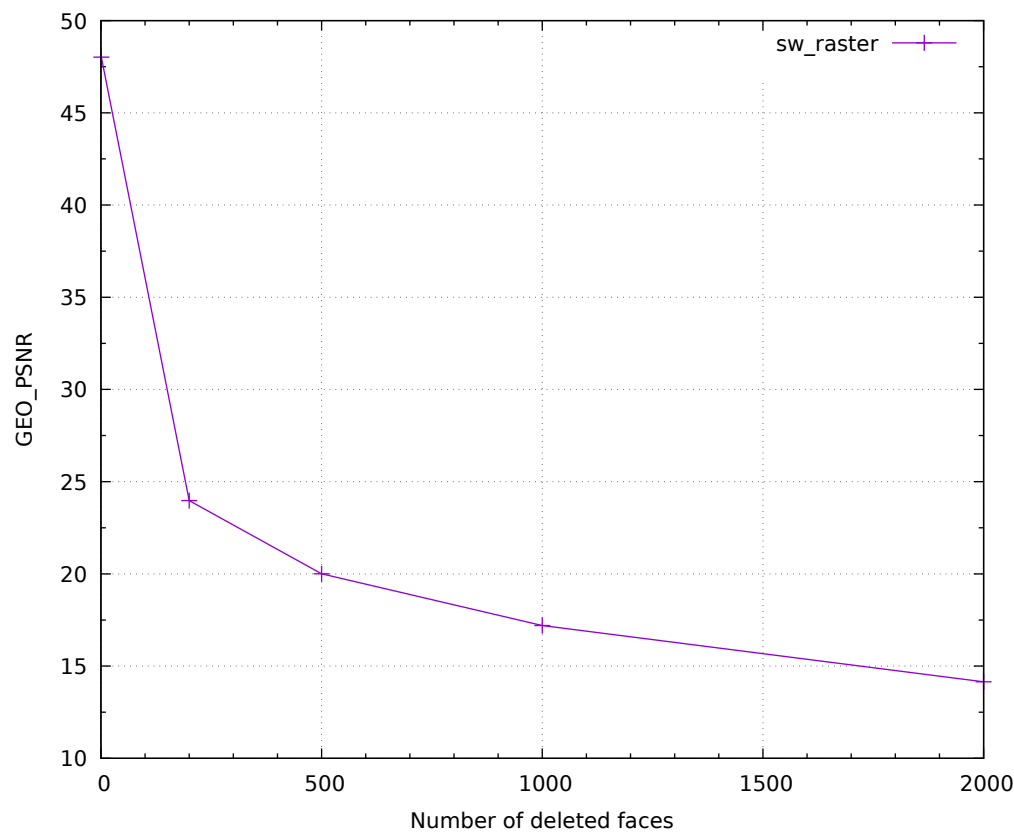
Number of faces					
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
25	28.6296	27.2819	89.1489	121.5874	2.8788
20	26.6127	25.4088	141.8441	187.1550	2.8001
15	24.3771	23.3839	237.3390	298.3253	2.7510
10	22.1401	21.3027	397.2569	481.7339	2.7603
5	18.3975	17.8304	940.4432	1071.6300	2.6705

distortion= mm degrade --mode delface --nbFaces num

metric software = merror

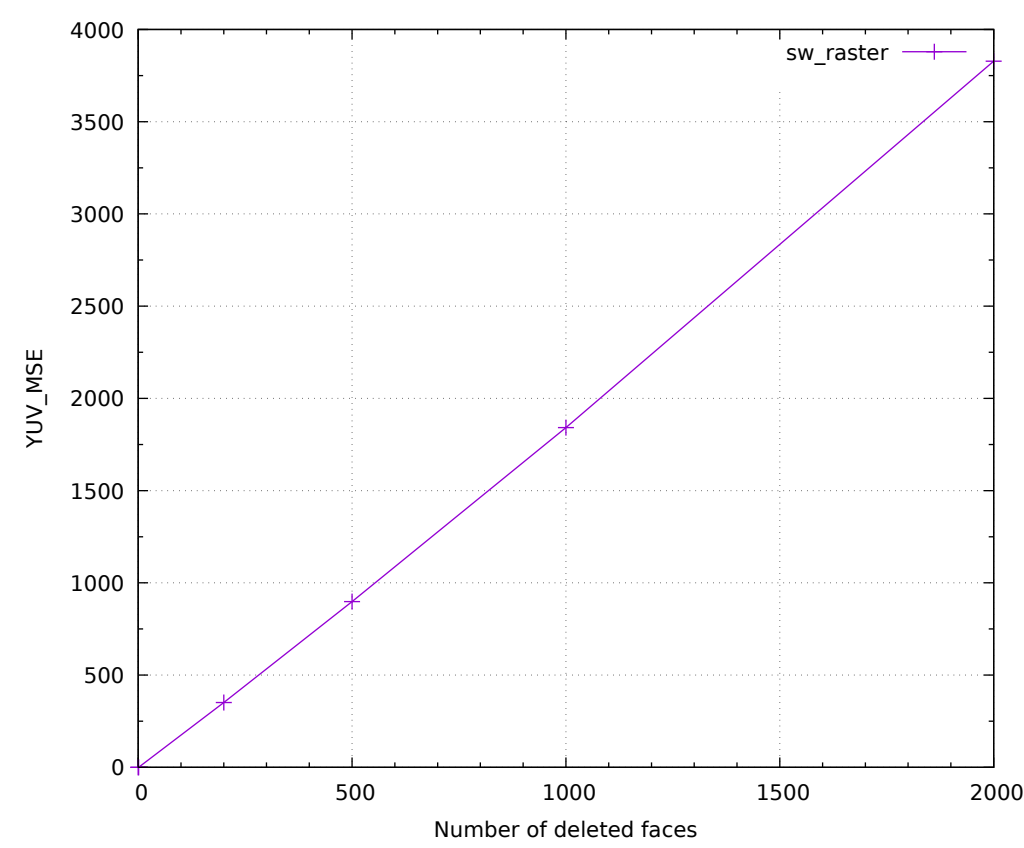
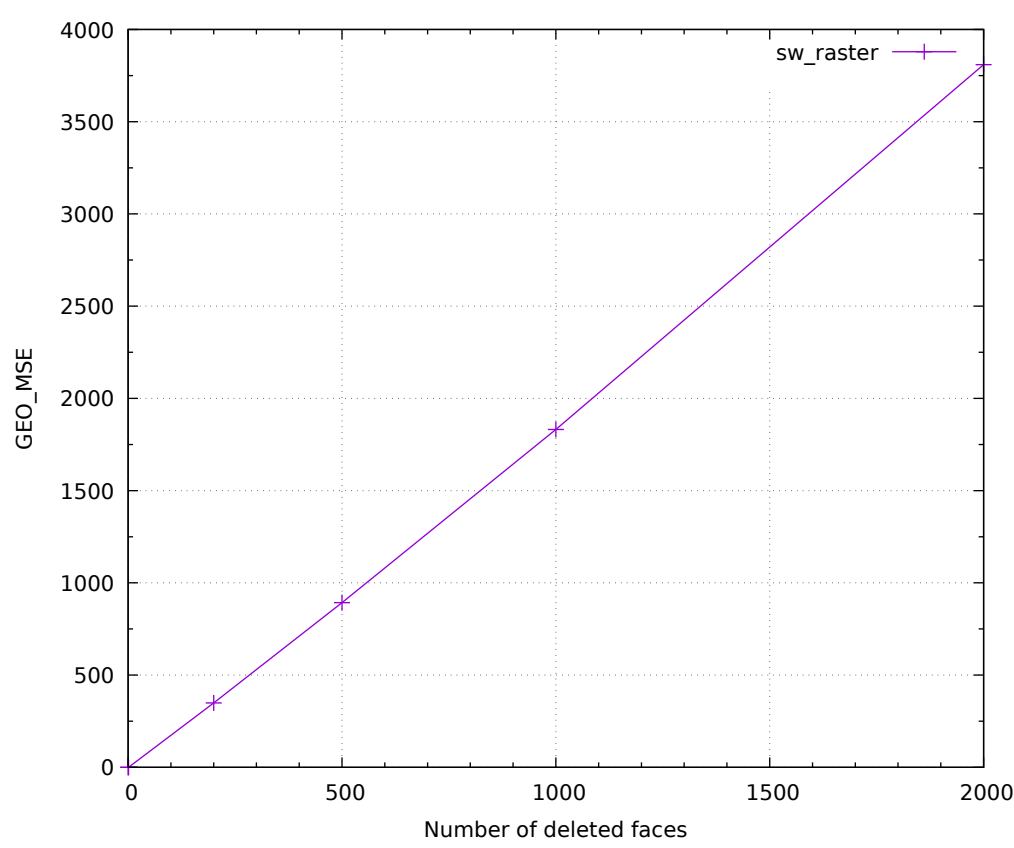
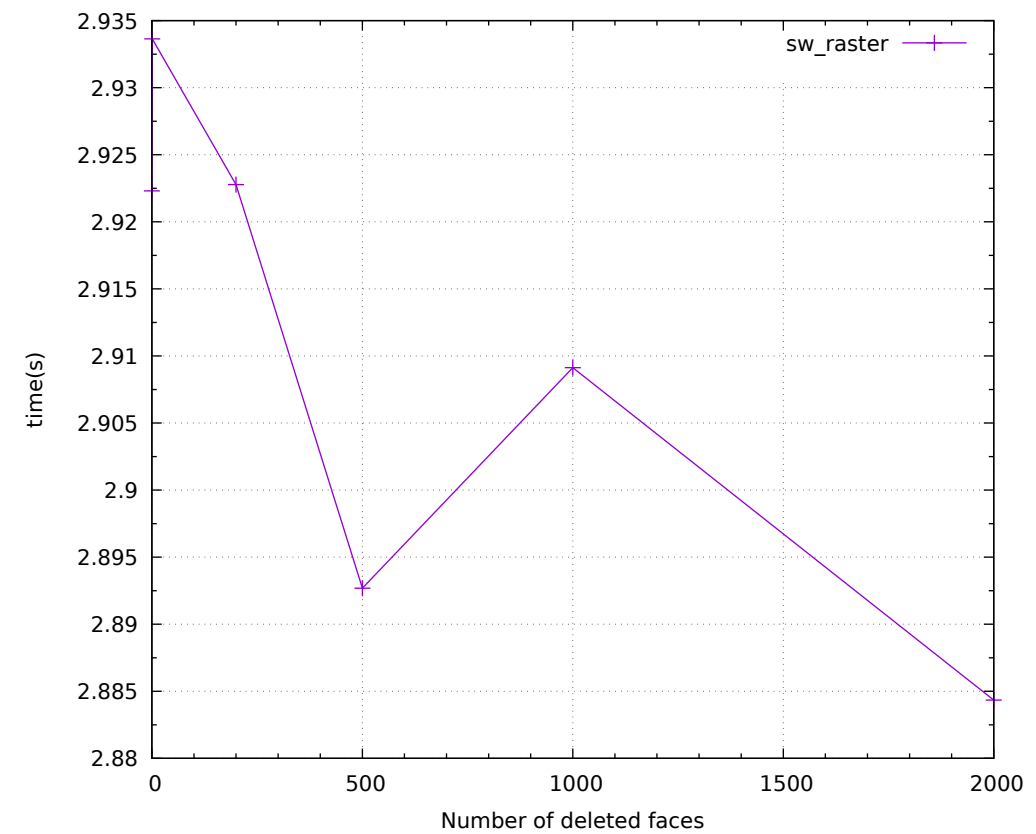
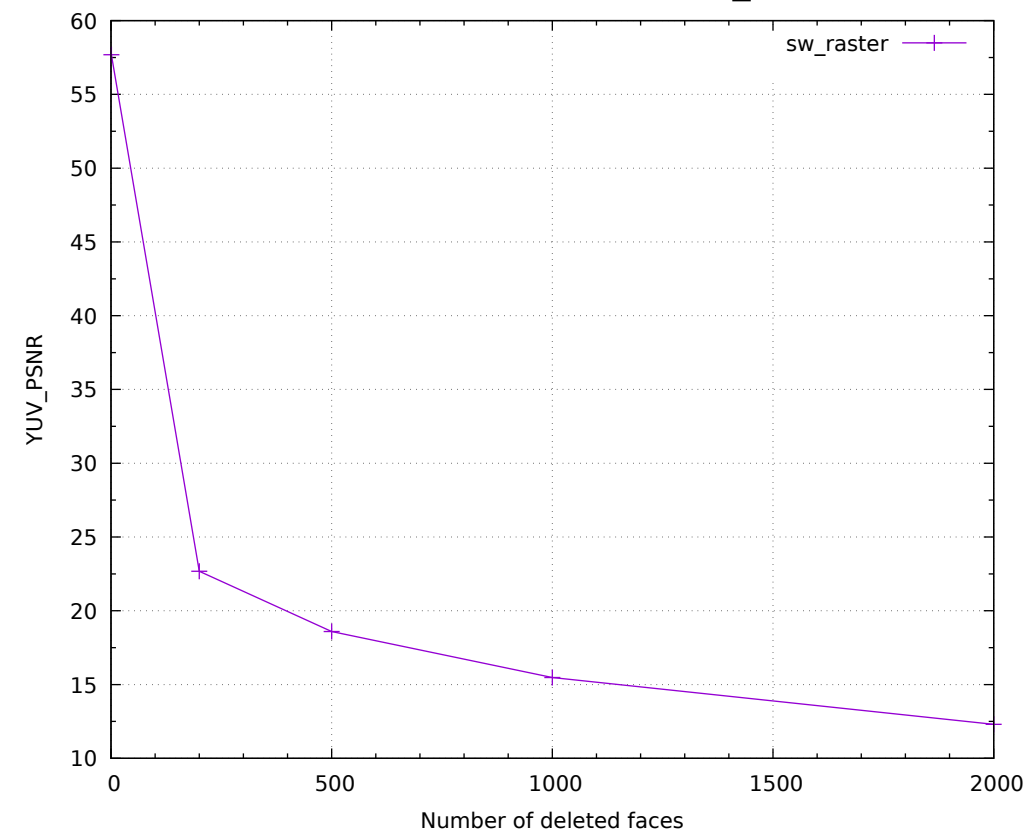
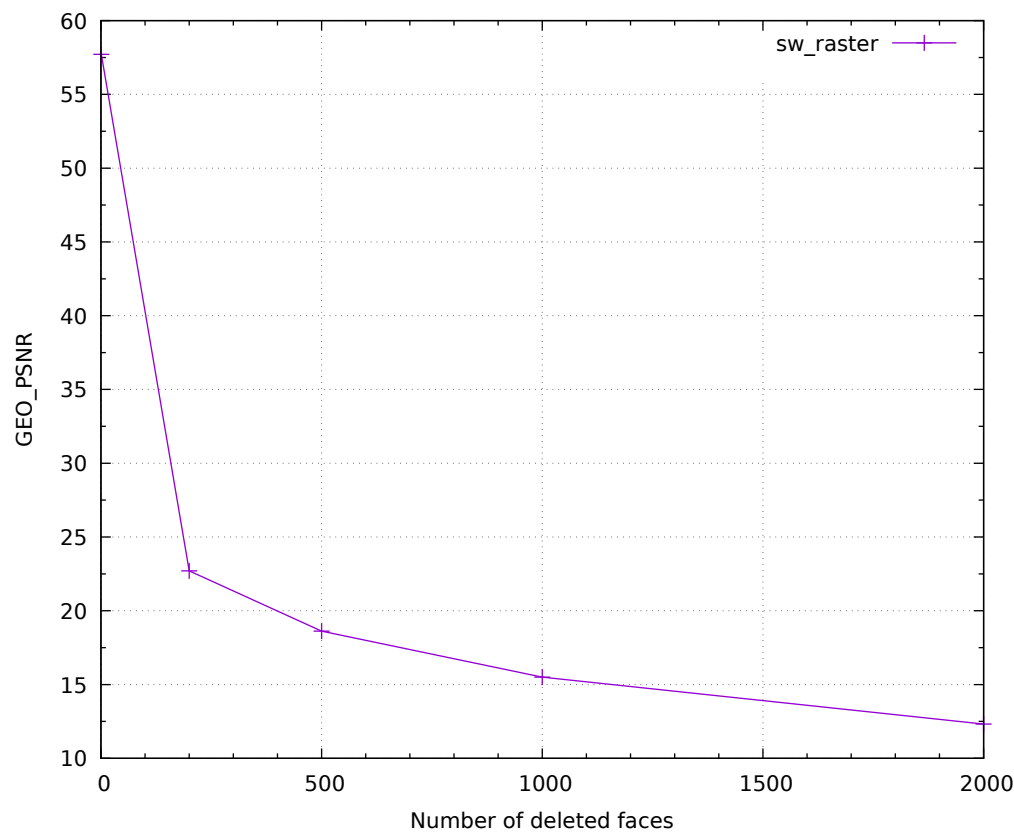
ibsm = f(num, nbviews=16, resolution=2K)

ibsm = f(local artefacts) - soldier_fr0536



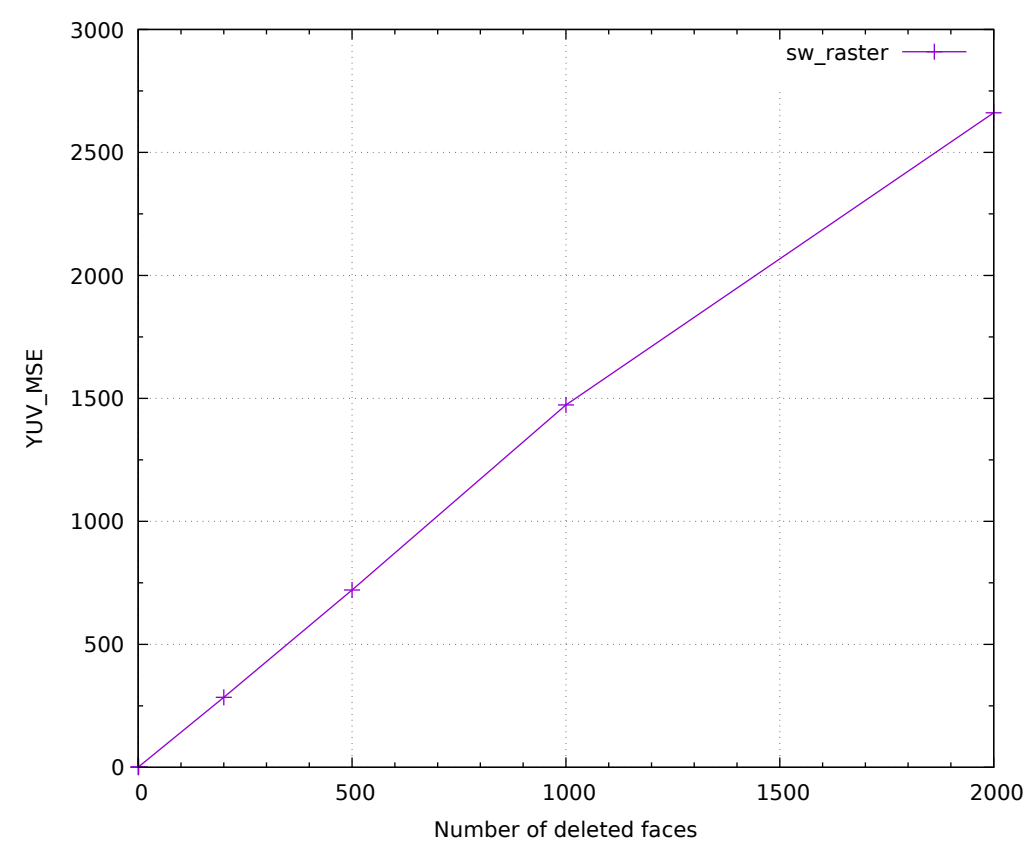
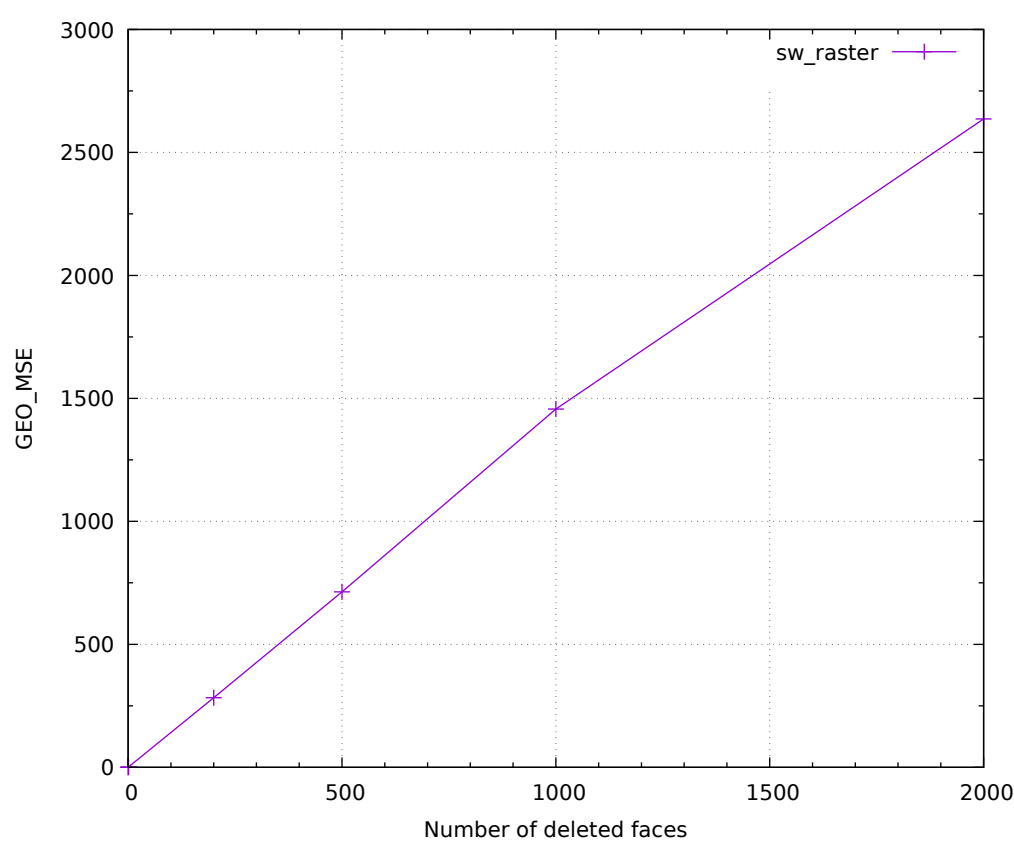
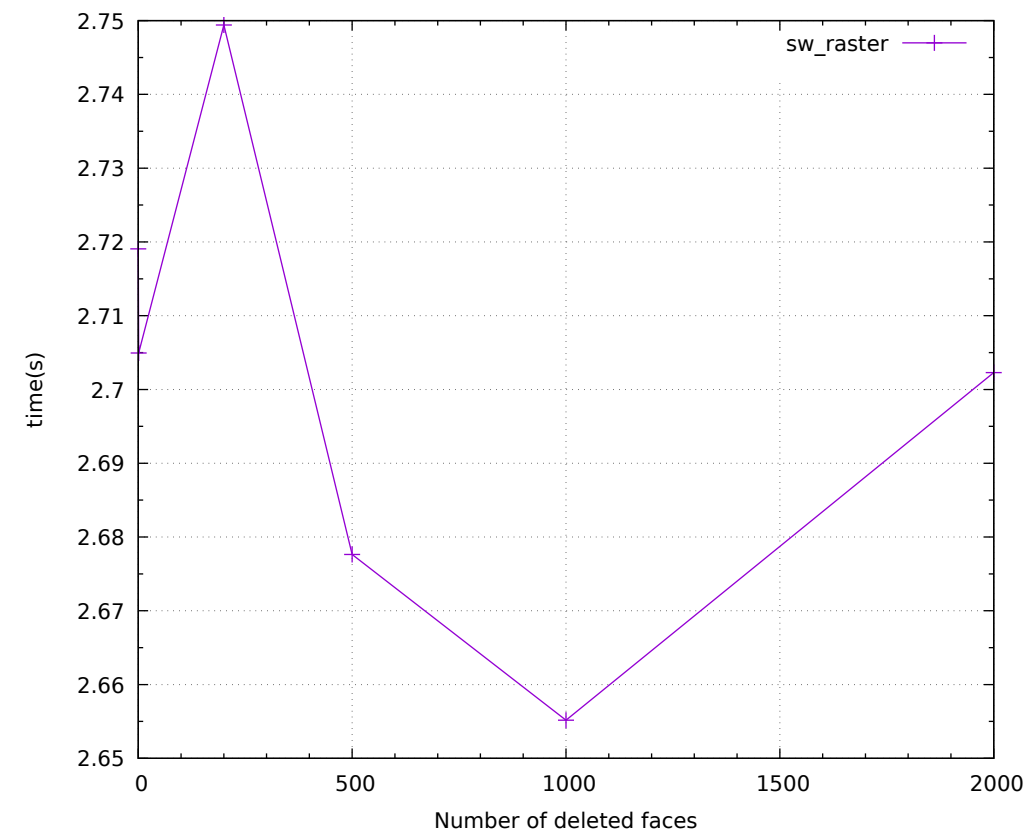
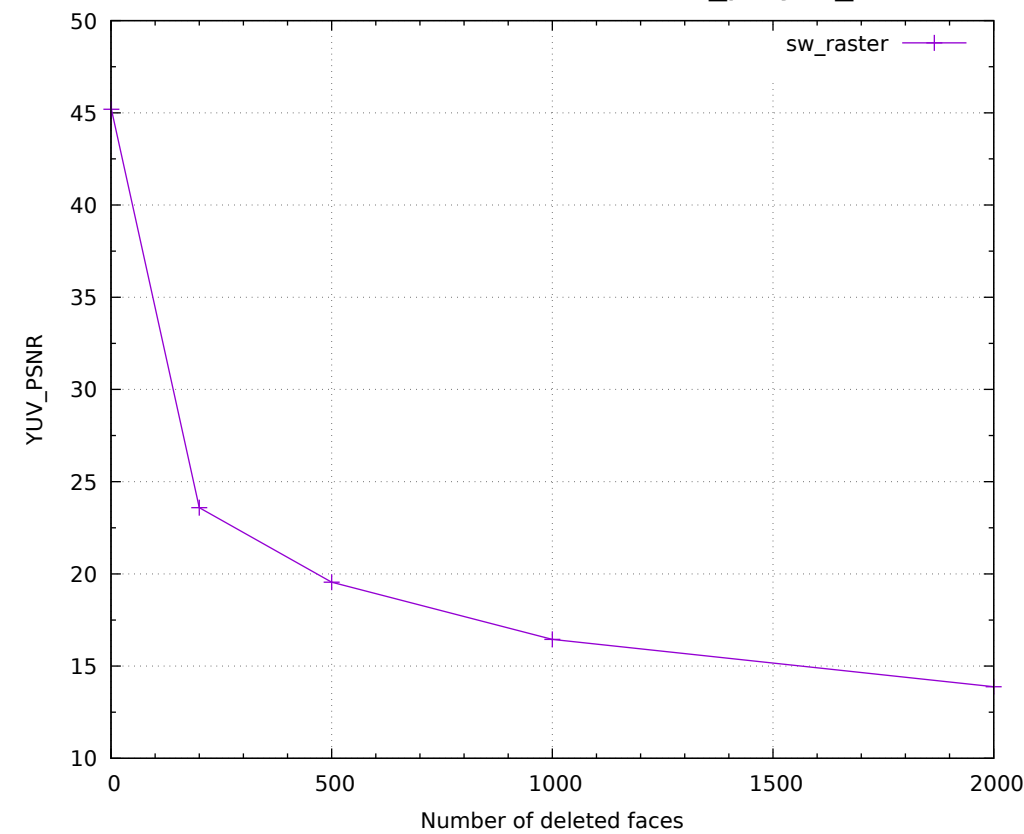
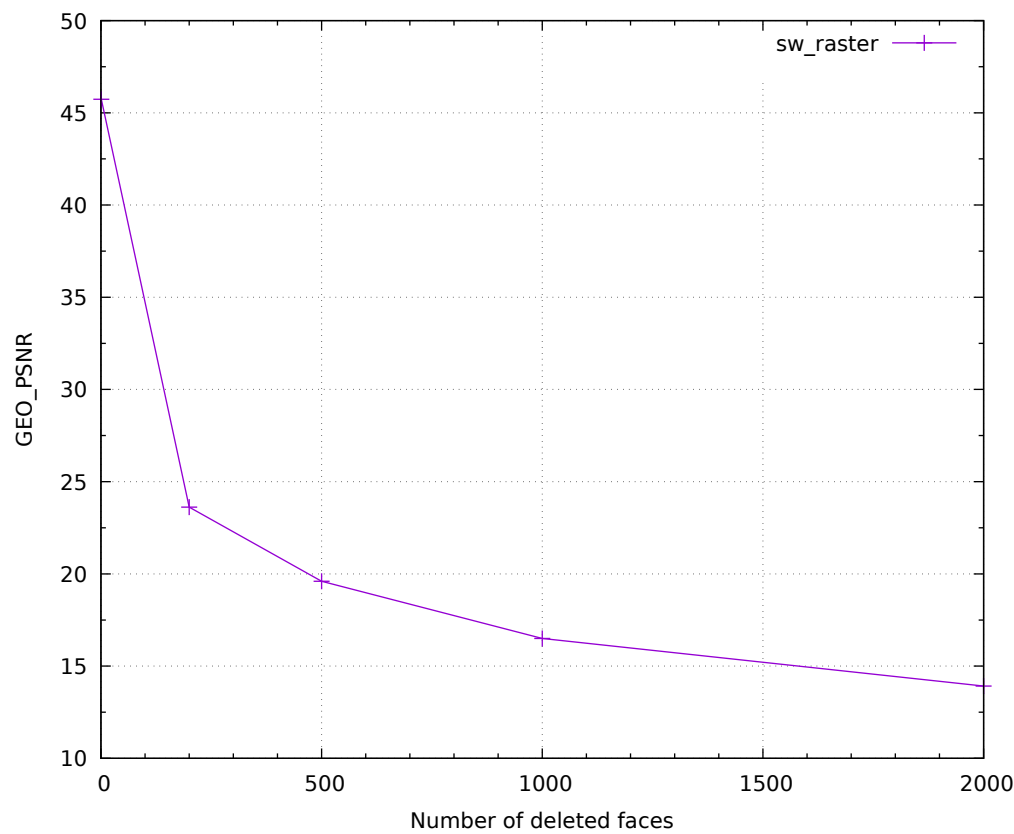
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	14.1477	14.1321	2502.1421	2511.1106	3.3037
1000	17.1984	17.1846	1239.4937	1243.4320	3.2983
500	20.0033	19.9830	649.7598	652.8071	3.4554
200	23.9737	23.9529	260.4410	261.6932	3.3324
1	48.0220	48.0018	1.0254	1.0302	3.3561
0	inf	inf	0.0000	0.0000	3.3939

ibsm = f(local artefacts) - mitch_fr0001



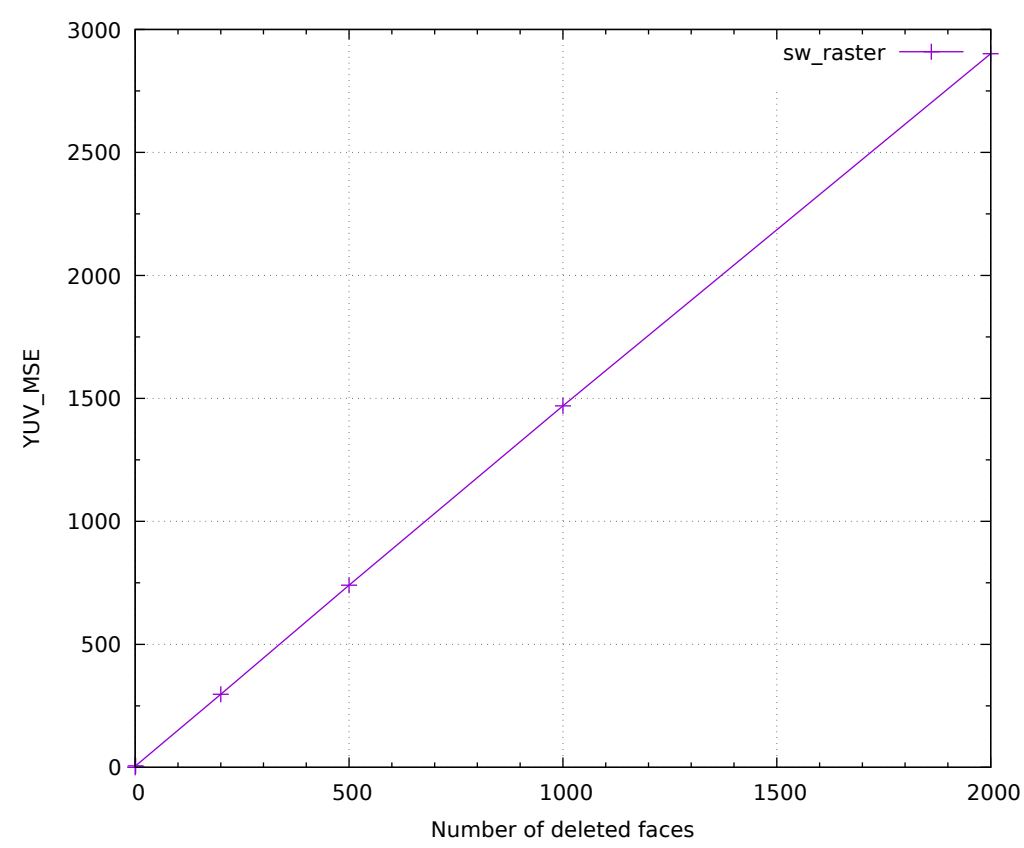
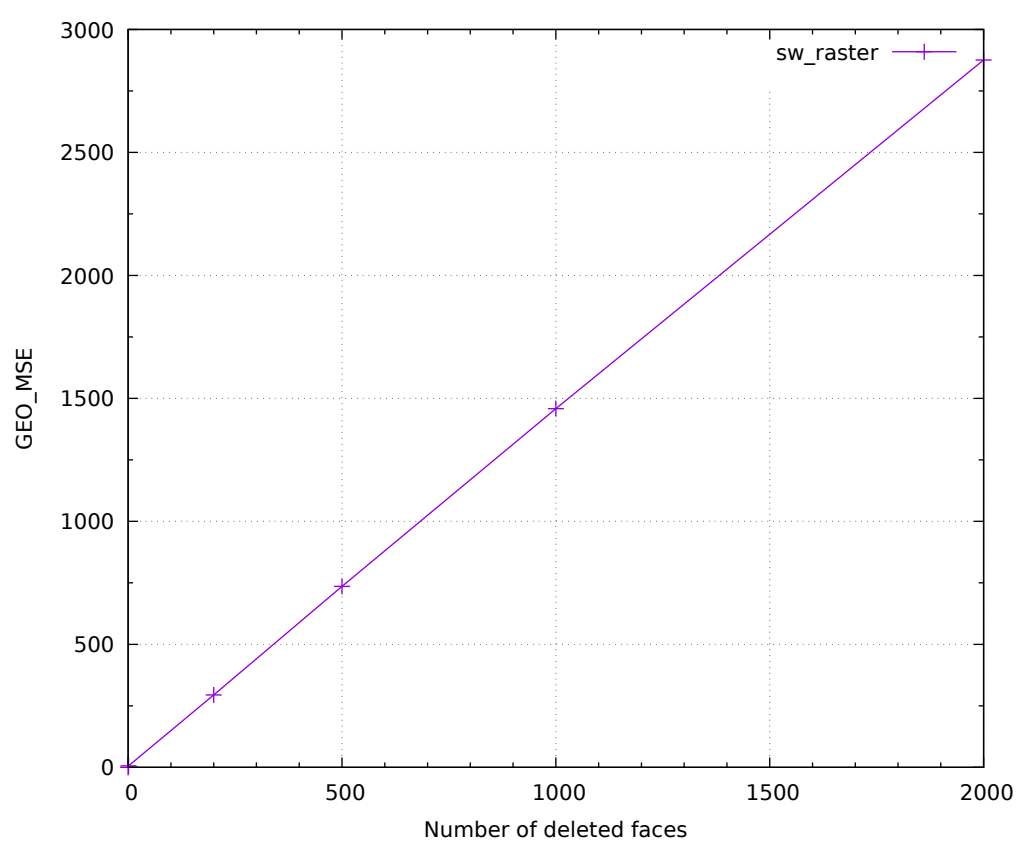
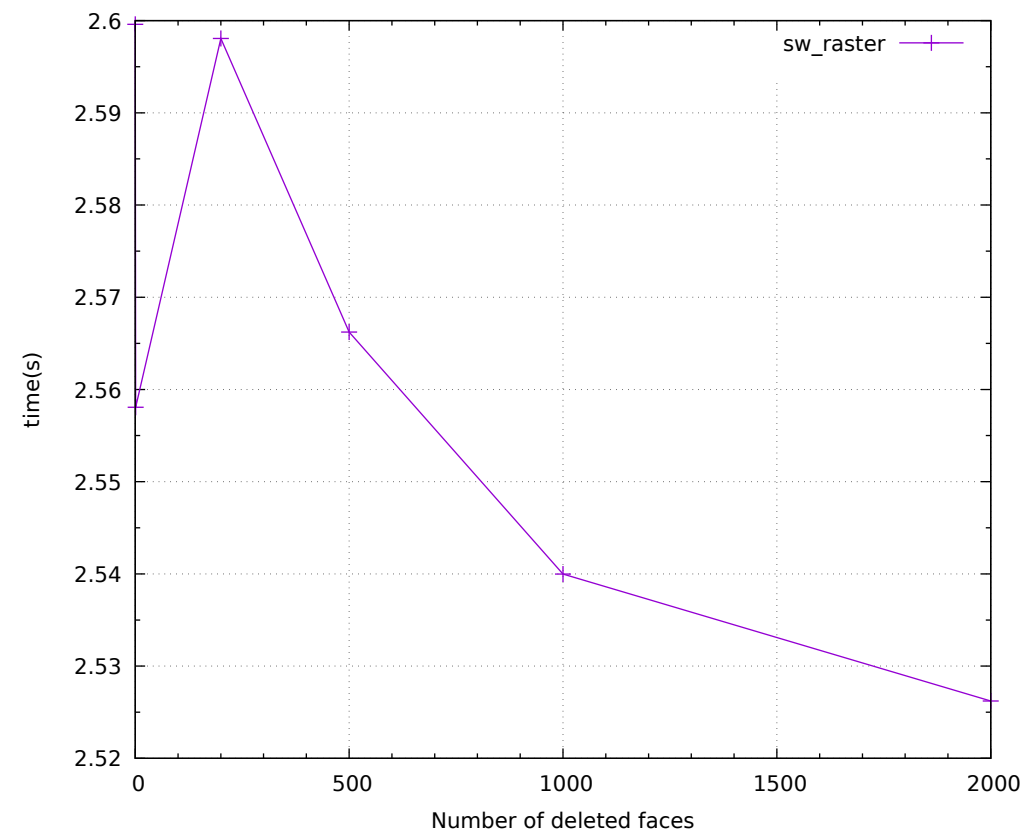
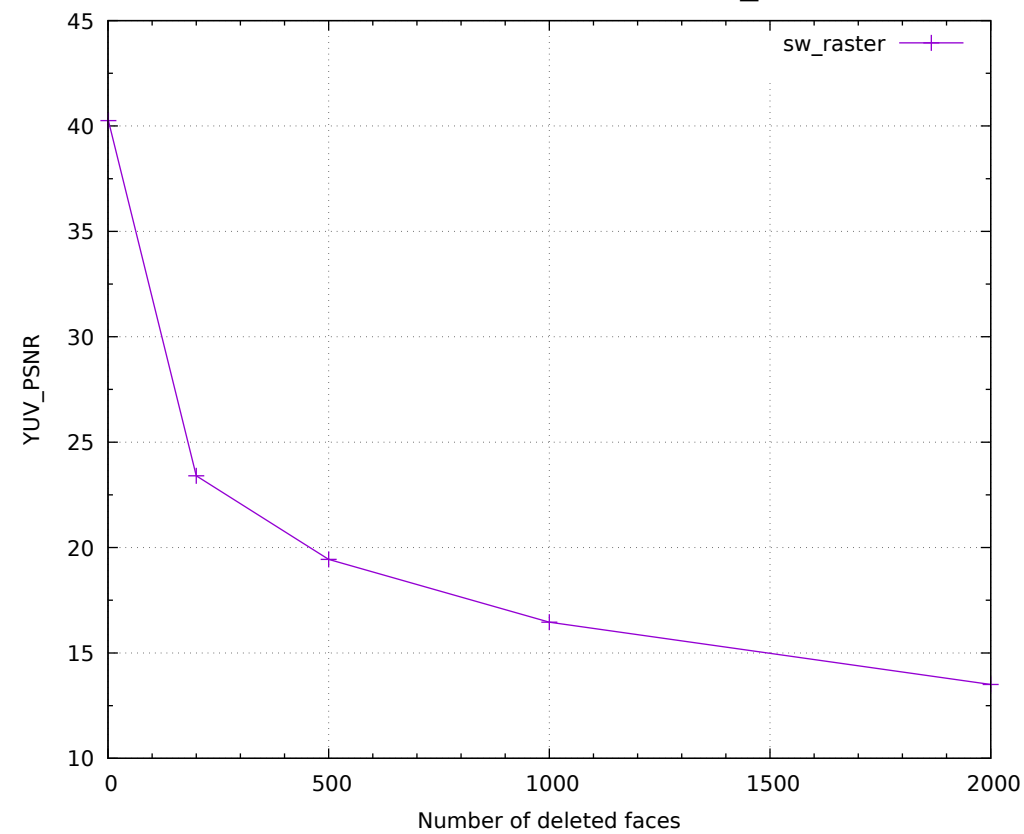
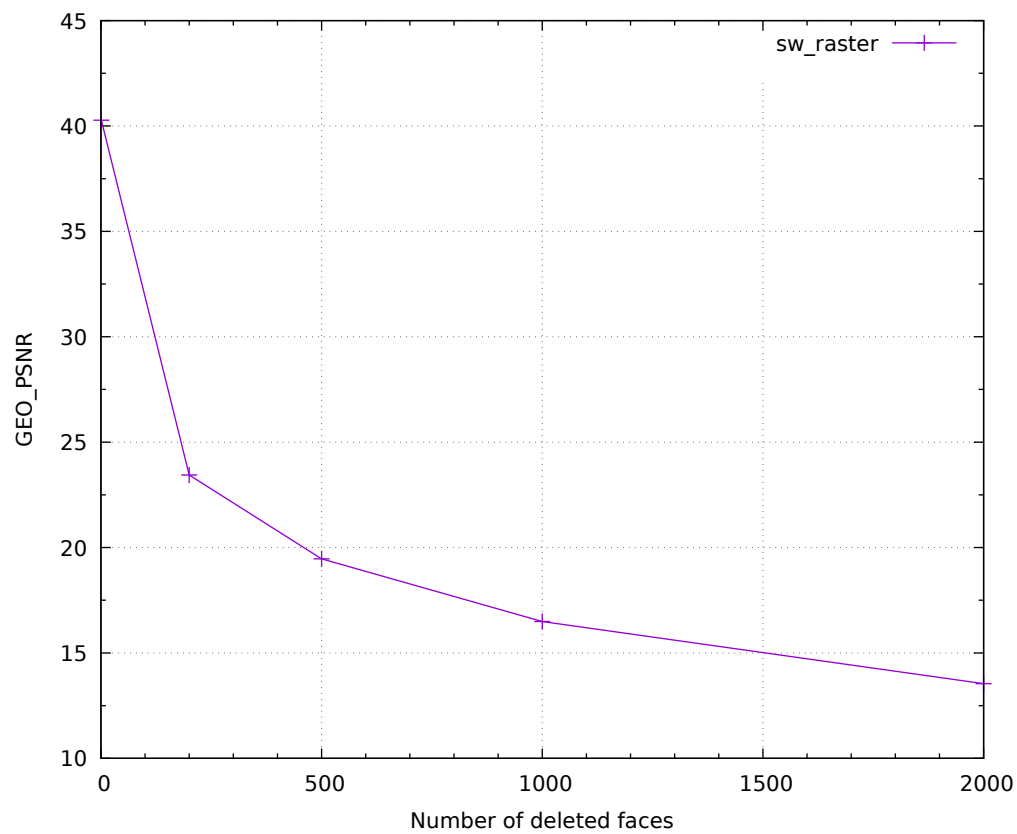
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	12.3224	12.3007	3809.2312	3828.3335	2.8843
1000	15.5021	15.4786	1831.7496	1841.7062	2.9091
500	18.6233	18.5953	892.7888	898.5714	2.8927
200	22.7022	22.6771	349.0256	351.0543	2.9228
1	57.7168	57.6862	0.1100	0.1108	2.9336
0	inf	inf	0.0000	0.0000	2.9223

ibsm = f(local artefacts) - basketball_player_fr0001



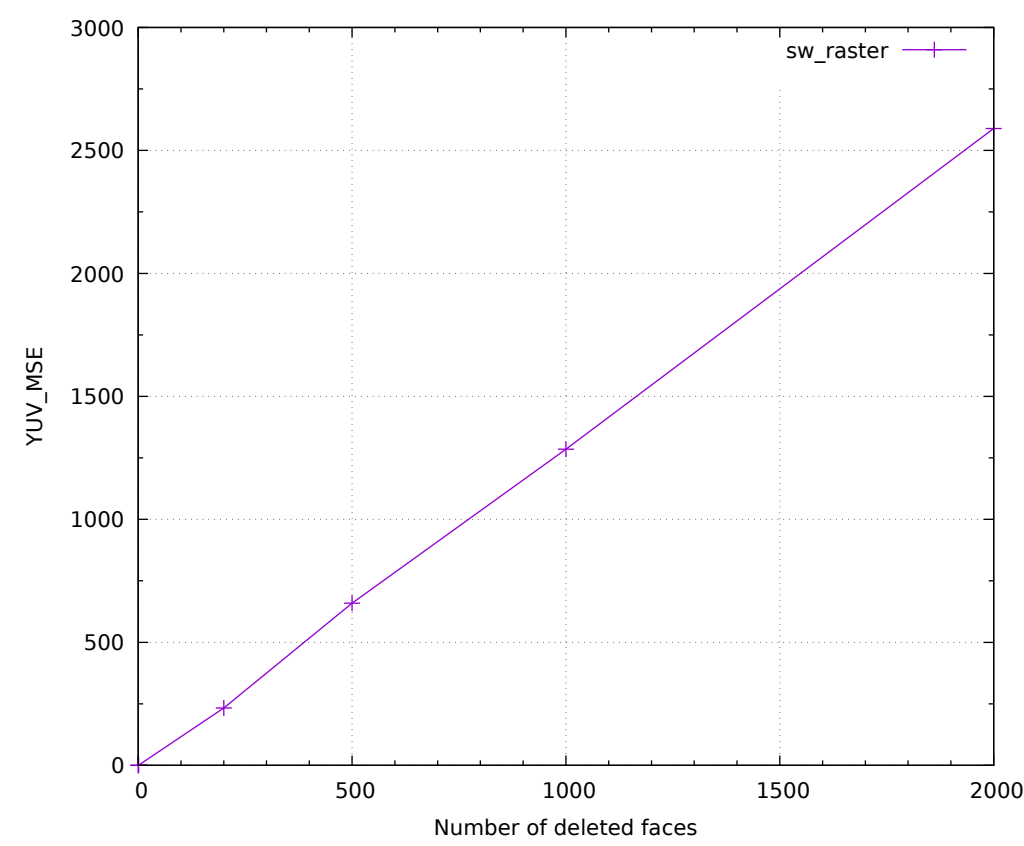
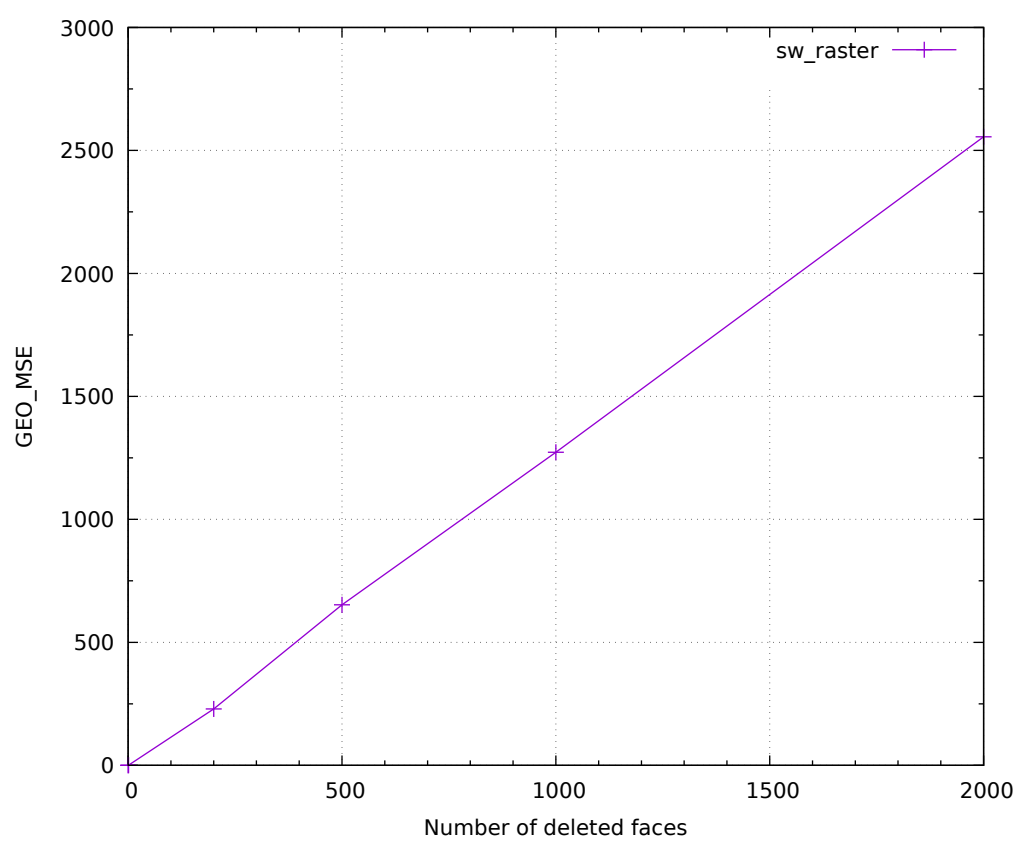
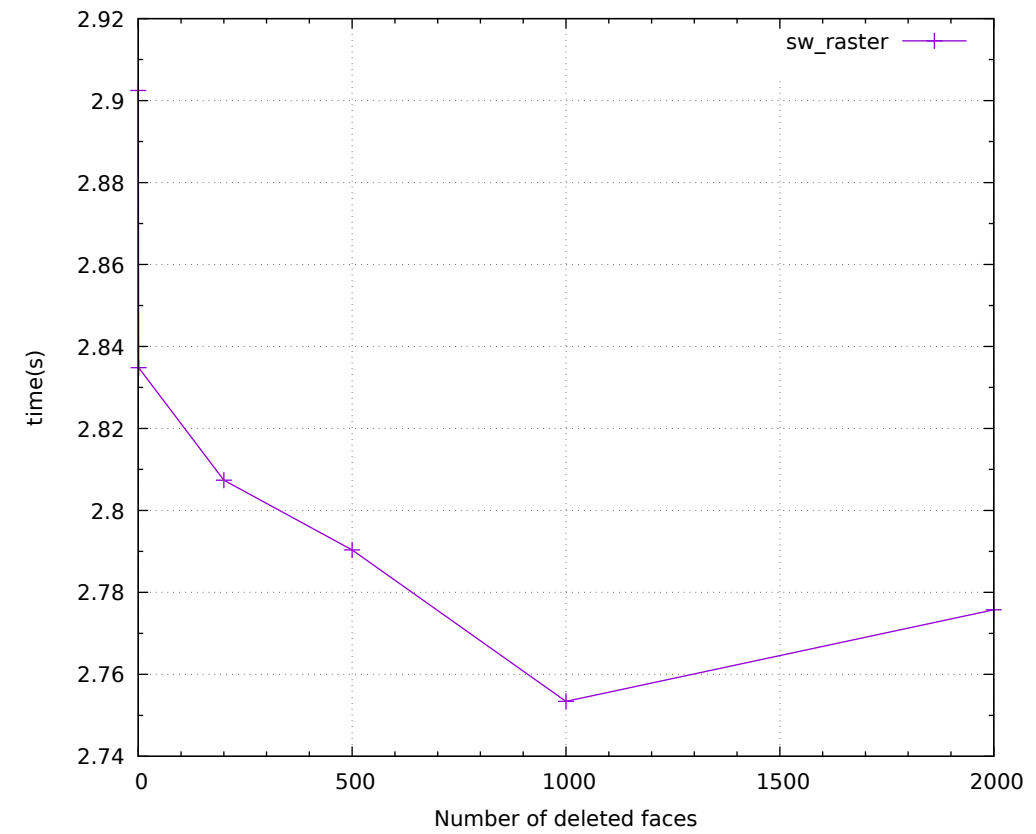
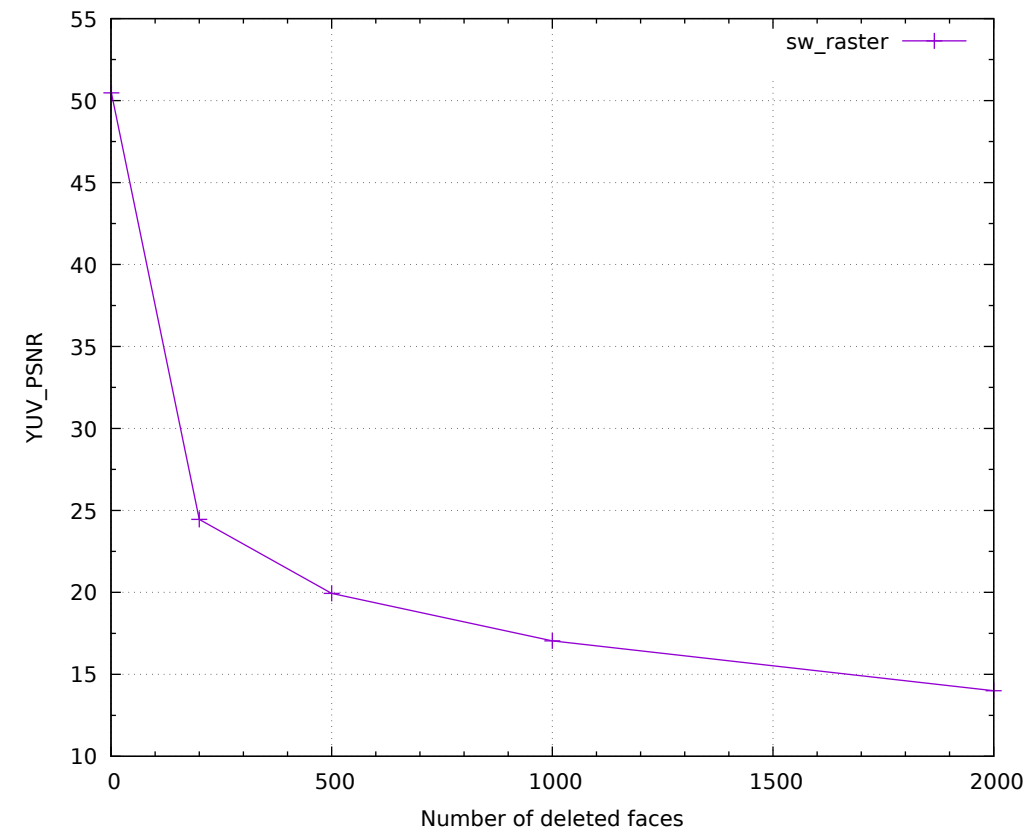
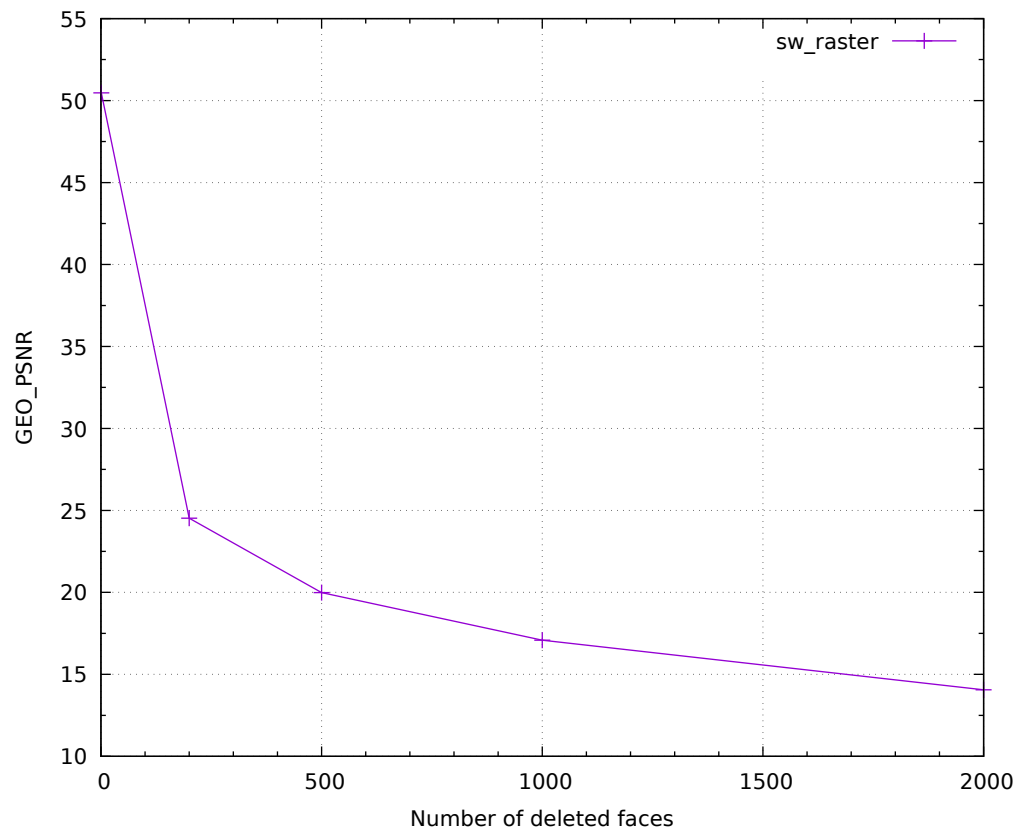
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	13.9212	13.8802	2636.0820	2661.0662	2.7023
1000	16.4969	16.4473	1456.7699	1473.4939	2.6552
500	19.5974	19.5502	713.4184	721.2123	2.6776
200	23.6165	23.5879	282.7675	284.6345	2.7494
1	45.7312	45.1904	1.7376	1.9681	2.7049
0	inf	inf	0.0000	0.0000	2.7191

ibsm = f(local artefacts) - dancer_fr0001



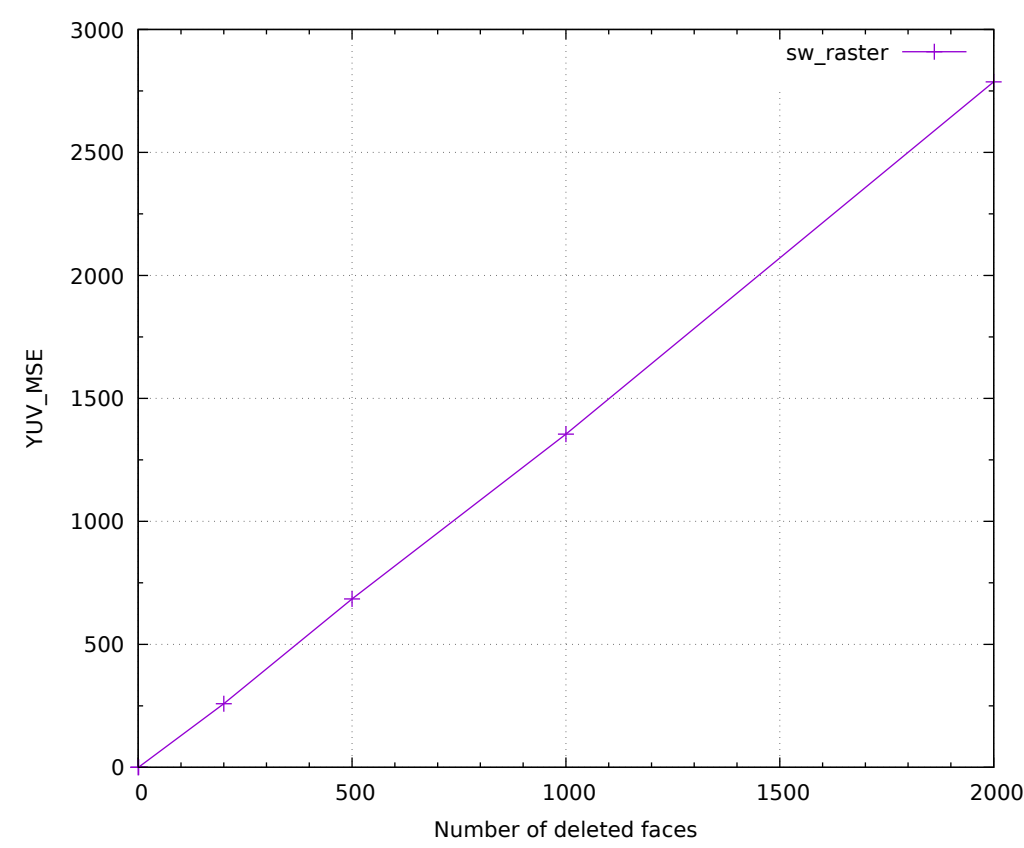
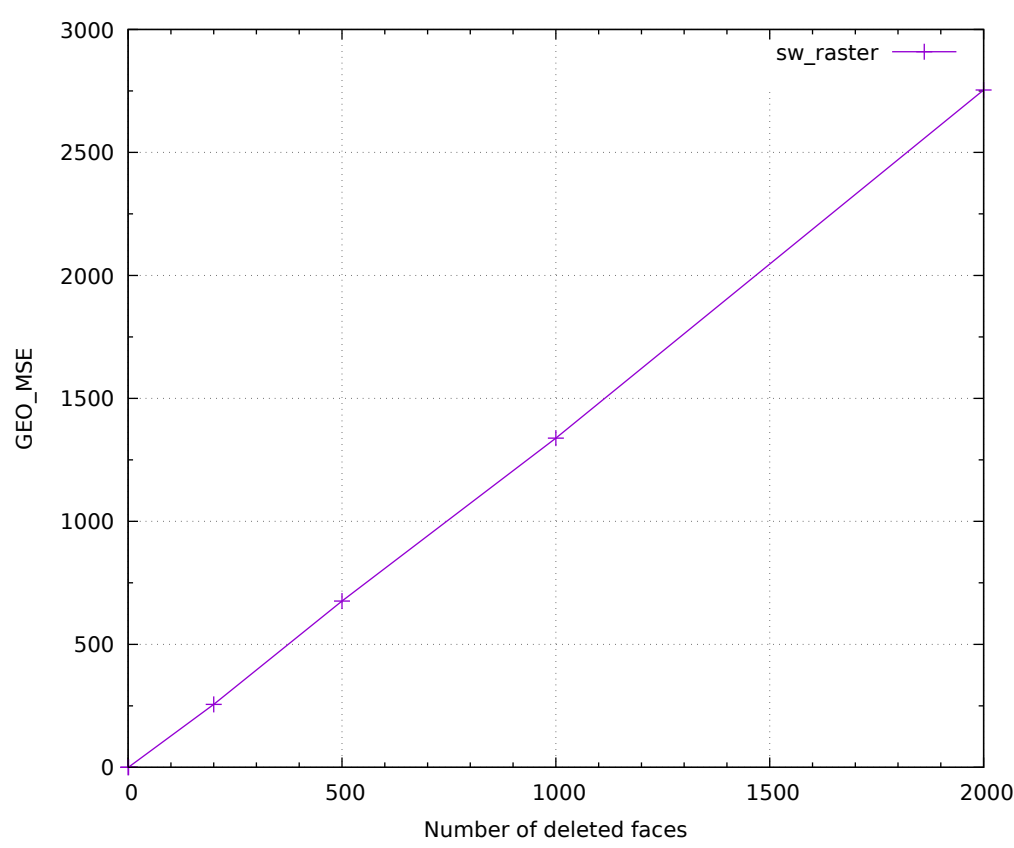
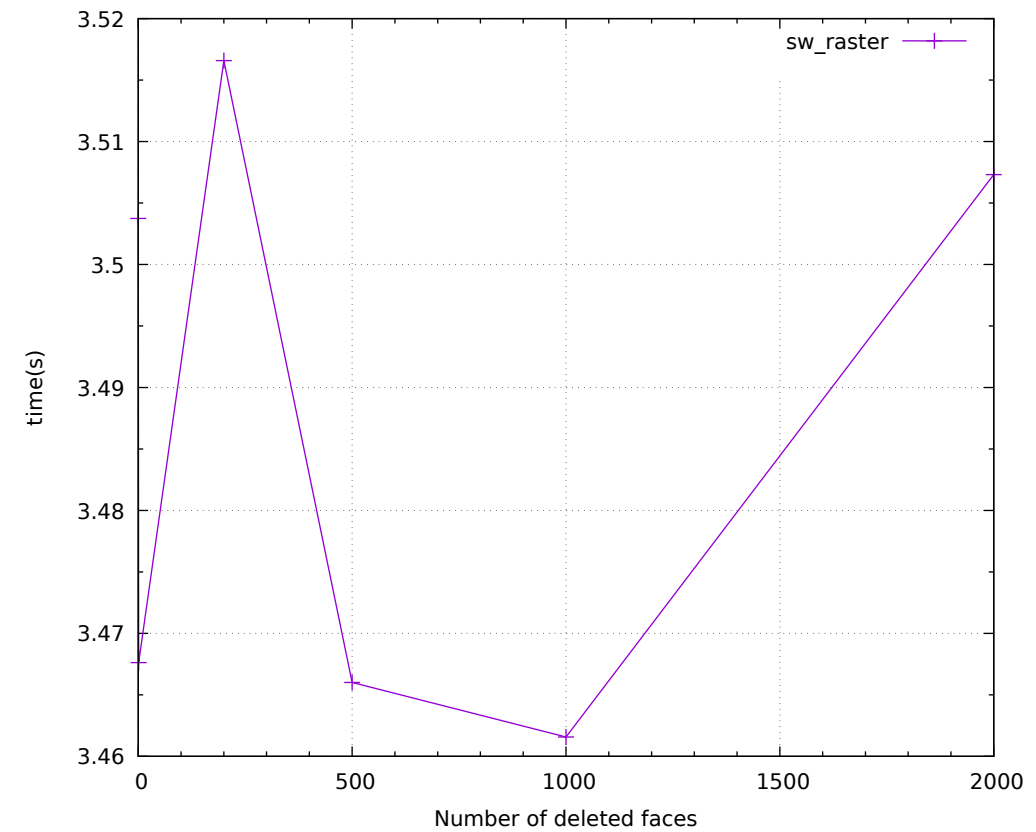
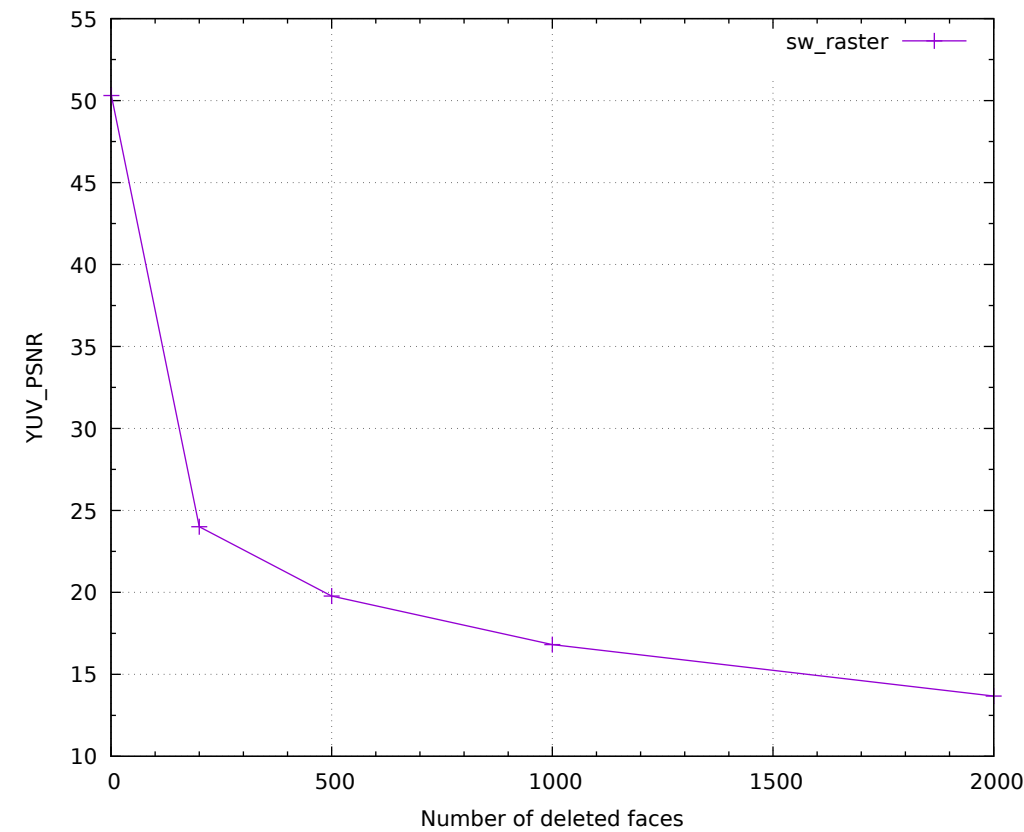
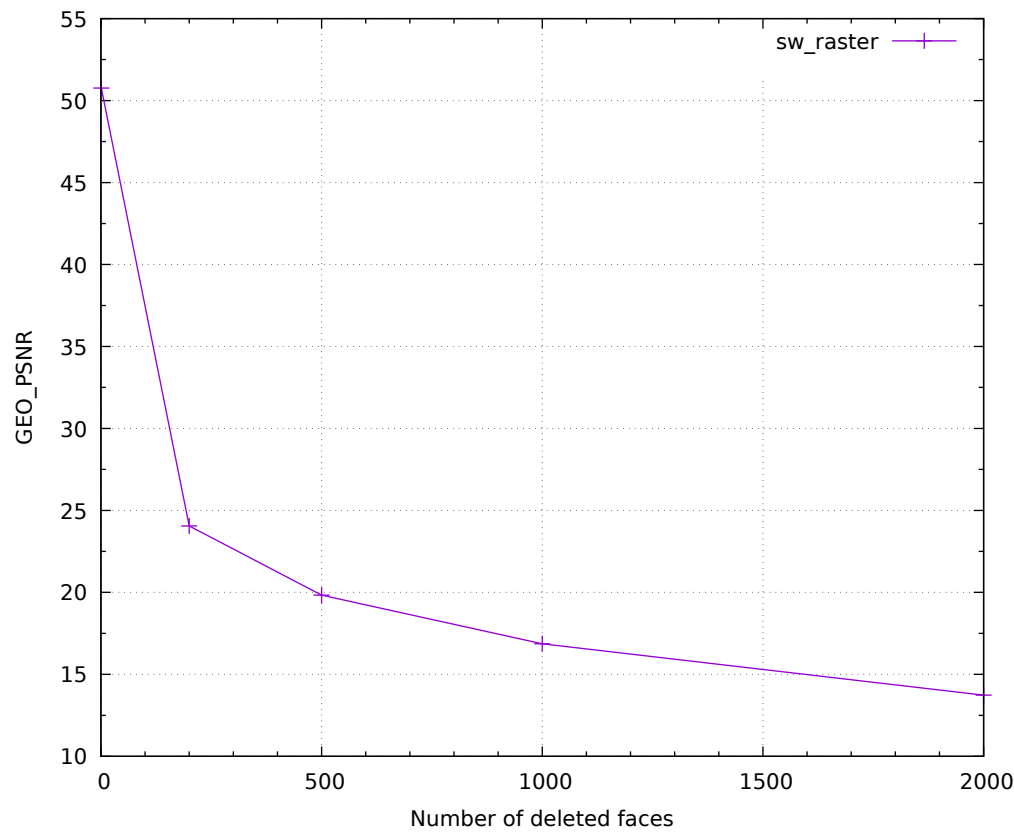
Number of deleted faces					
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	13.5429	13.5046	2876.0017	2901.4790	2.5262
1000	16.4930	16.4592	1458.0741	1469.4585	2.5400
500	19.4649	19.4355	735.5165	740.5125	2.5662
200	23.4446	23.4014	294.1827	297.1263	2.5981
1	40.2748	40.2530	6.1038	6.1345	2.5581
0	inf	inf	0.0000	0.0000	2.5996

ibsm = f(local artefacts) - model_fr0001



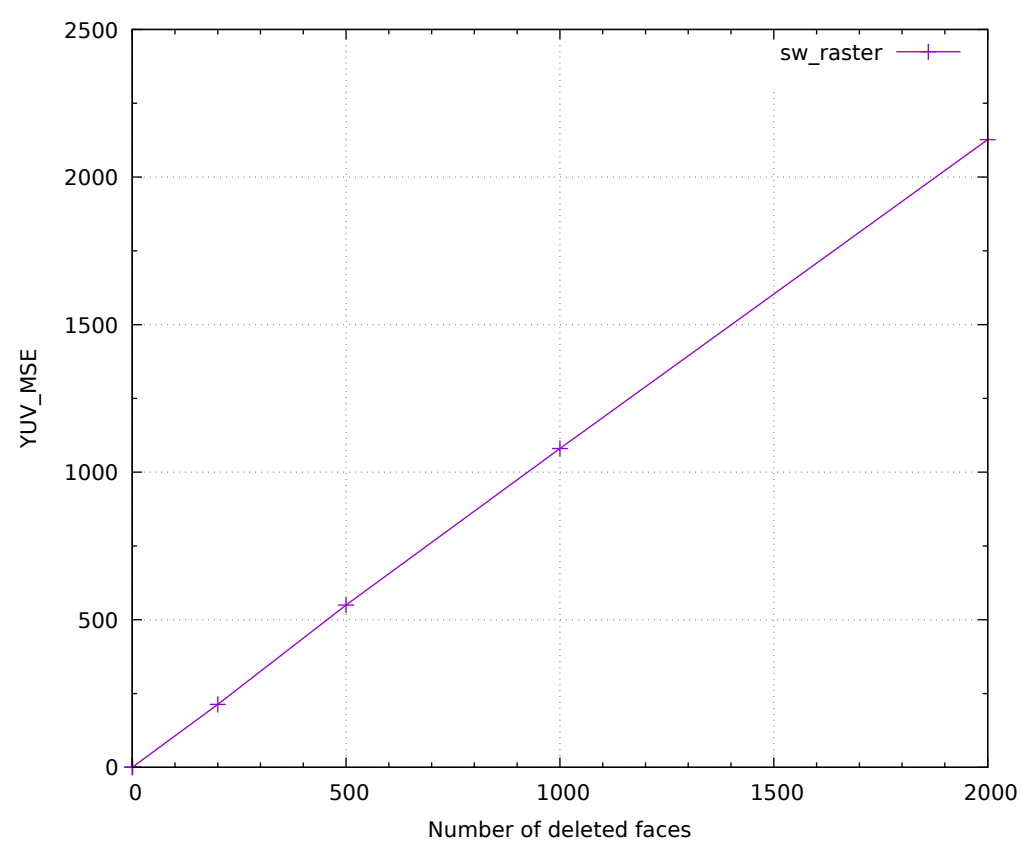
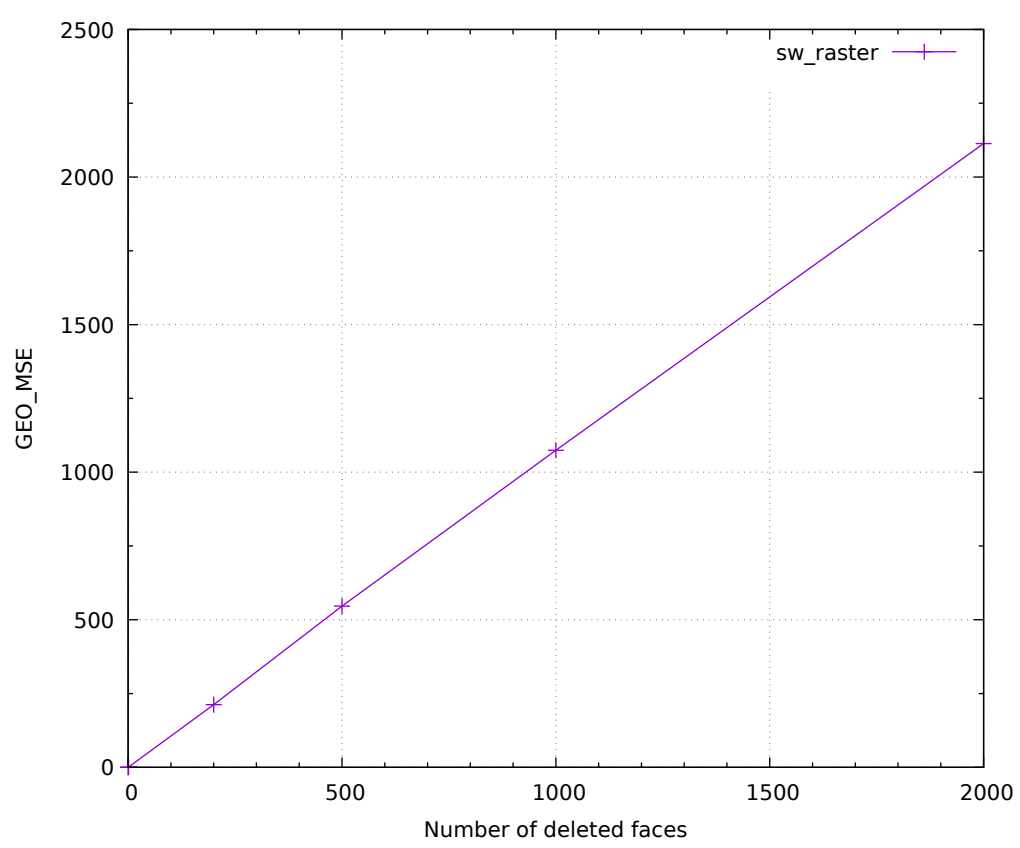
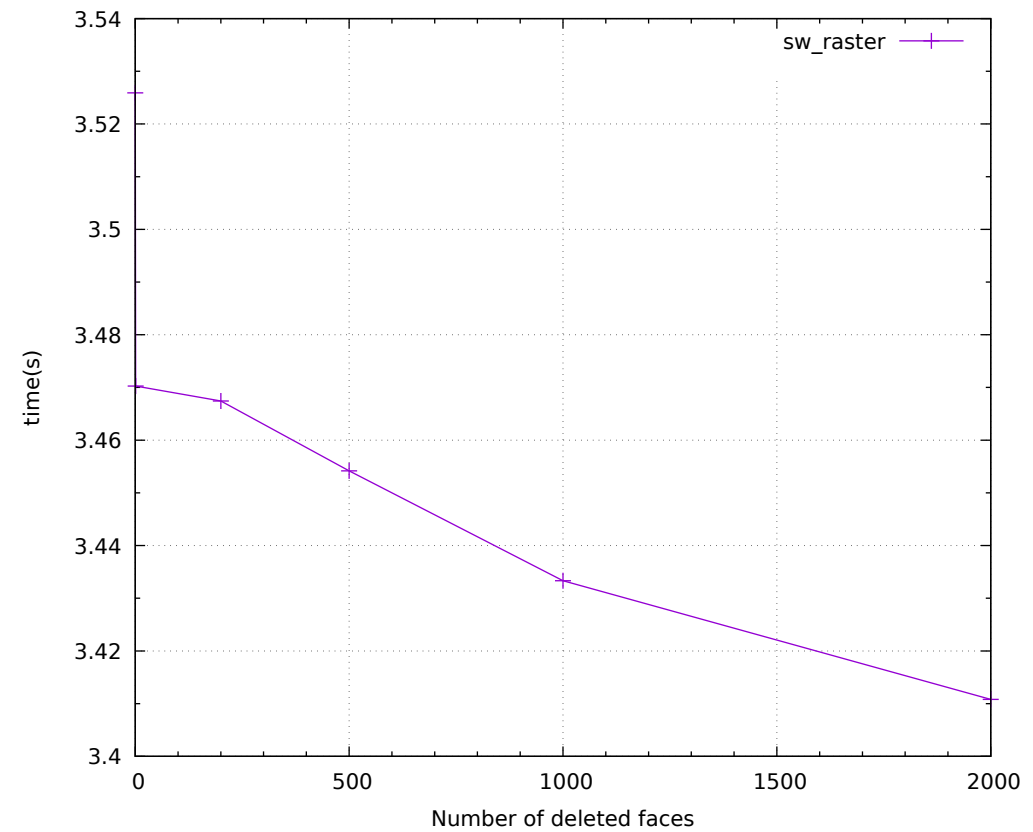
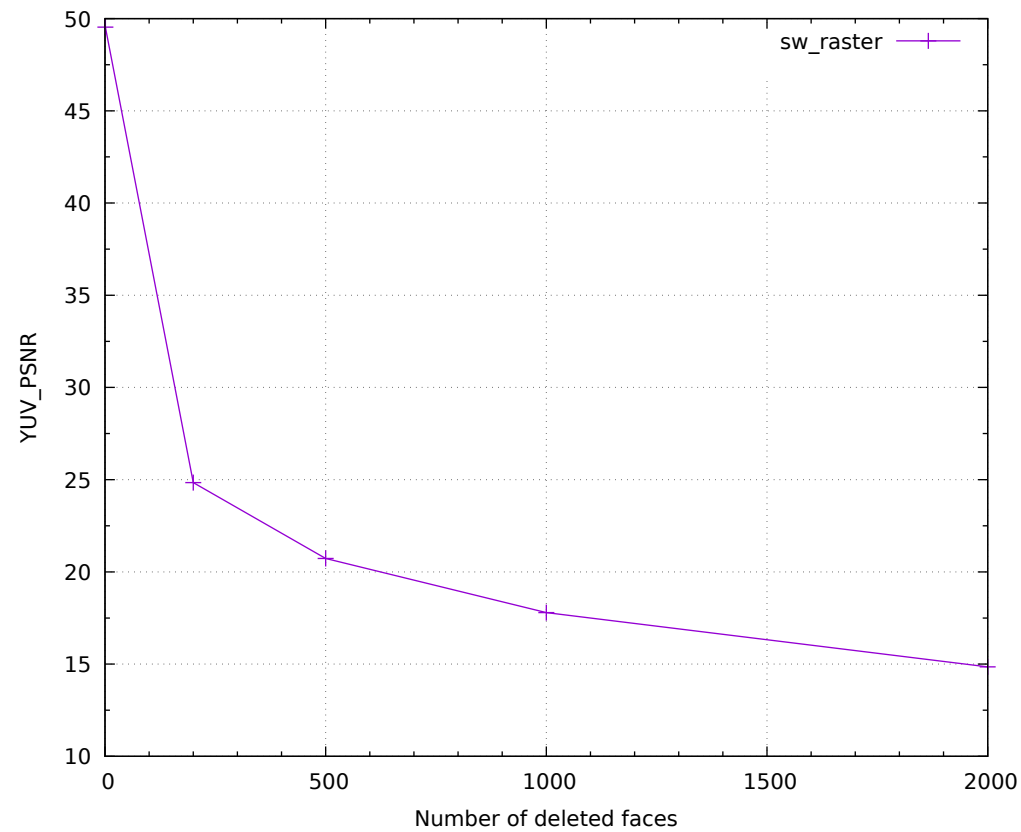
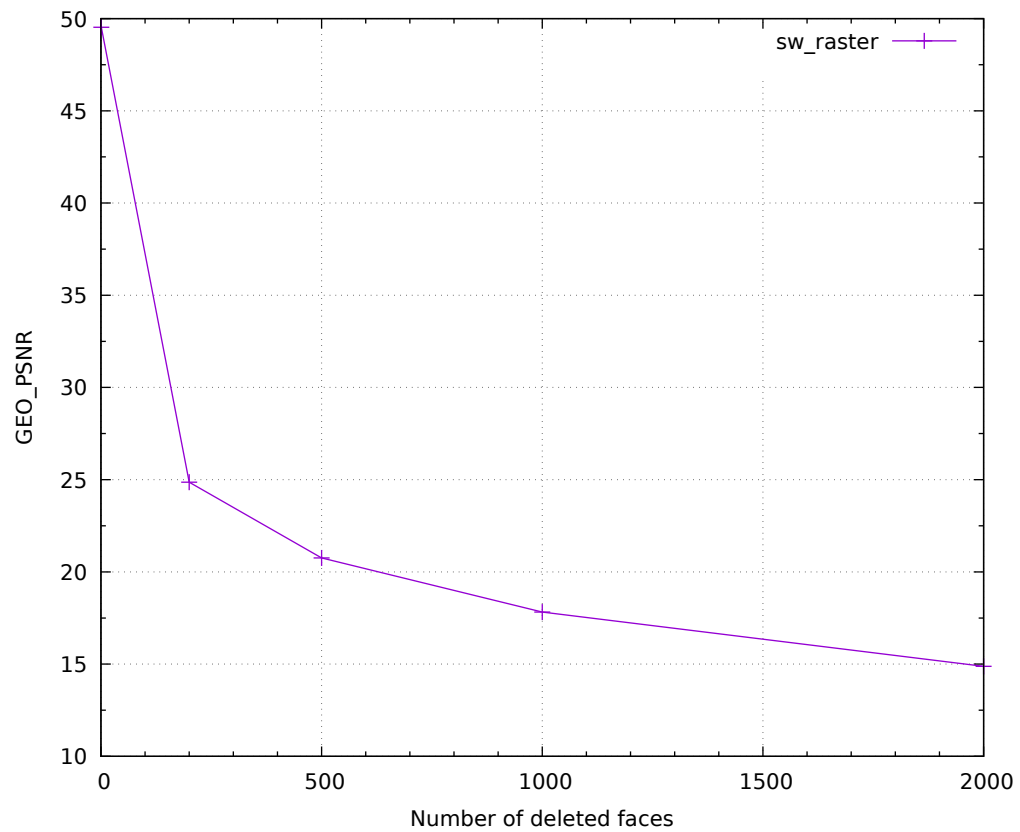
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	14.0561	13.9994	2555.4939	2589.0728	2.7758
1000	17.0830	17.0400	1272.8667	1285.5352	2.7534
500	19.9842	19.9416	652.6174	659.0574	2.7903
200	24.5254	24.4547	229.3736	233.1379	2.8074
1	50.4739	50.4739	0.5830	0.5830	2.8348
0	inf	inf	0.0000	0.0000	2.9025

ibsm = f(local artefacts) - football_fr0445



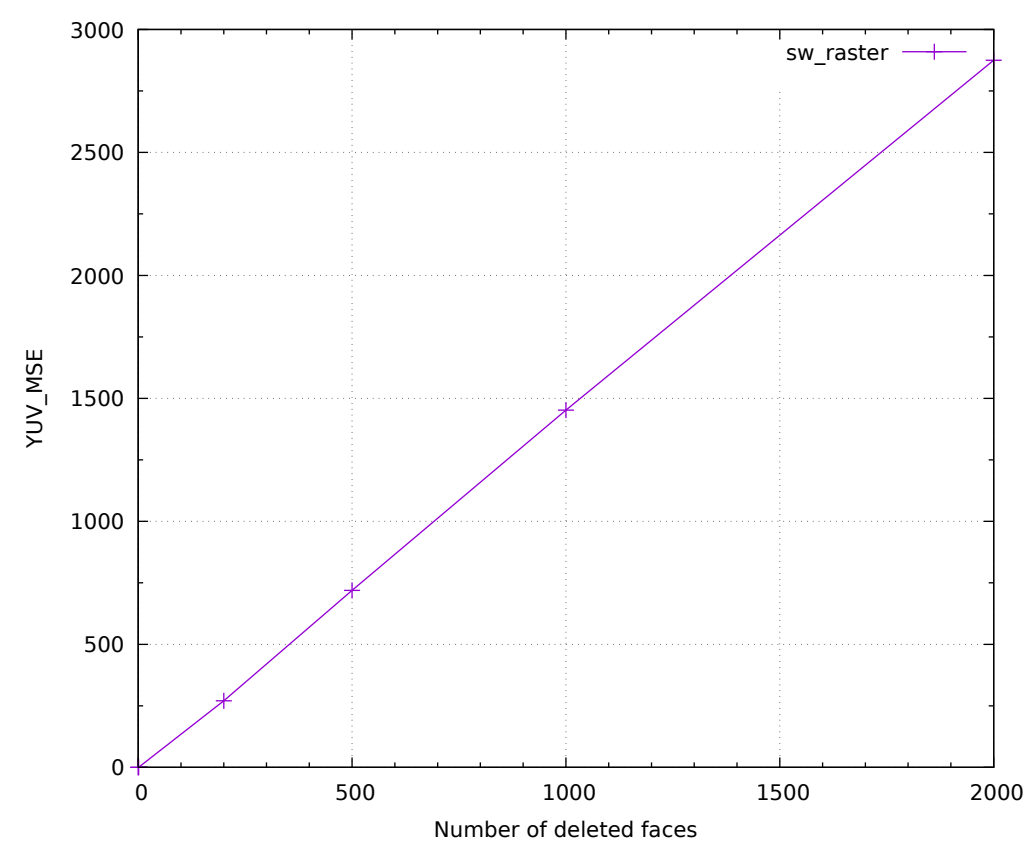
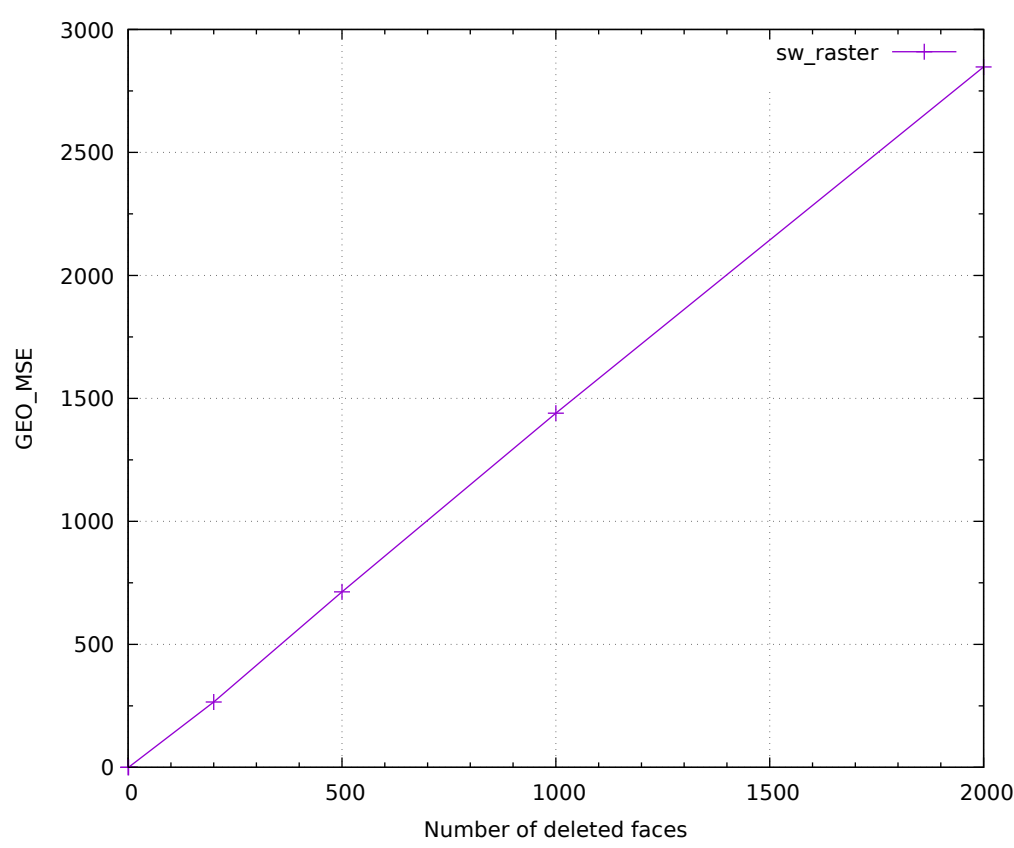
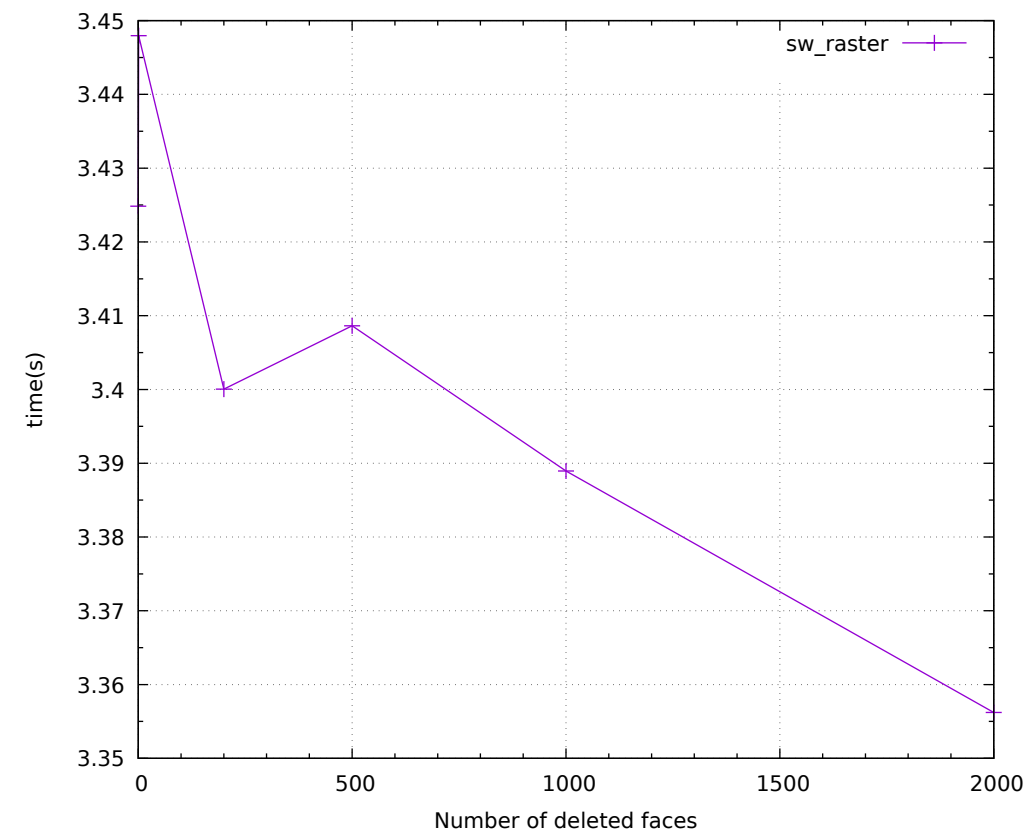
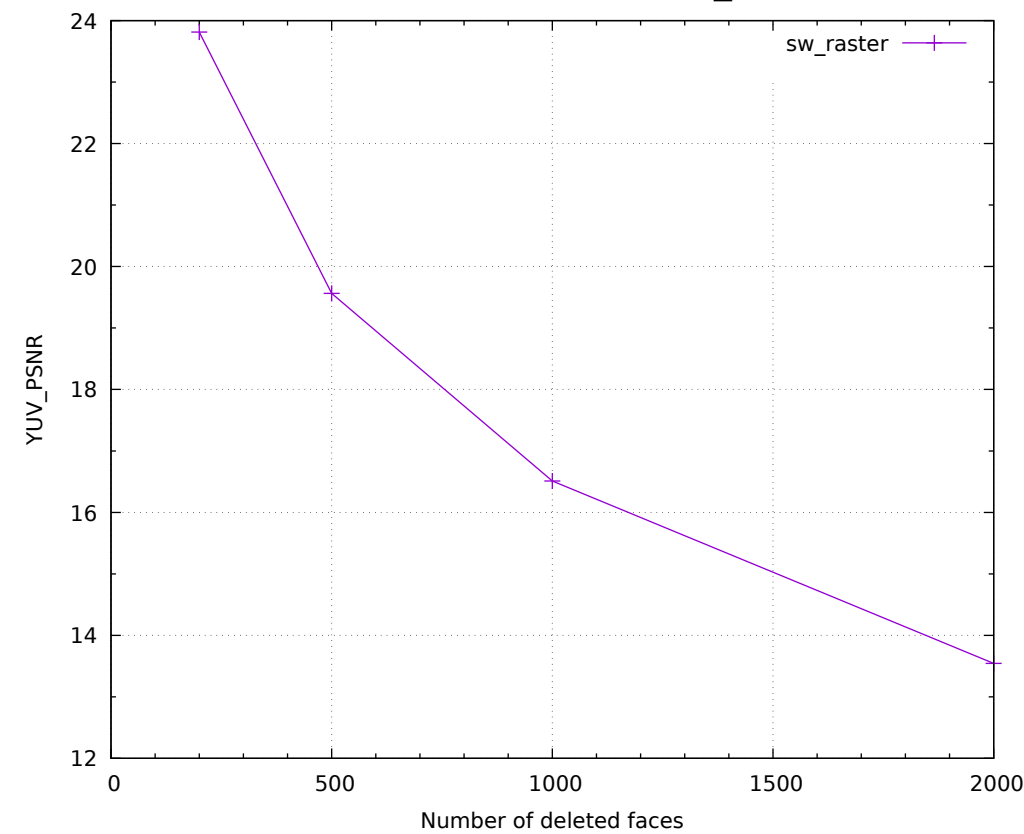
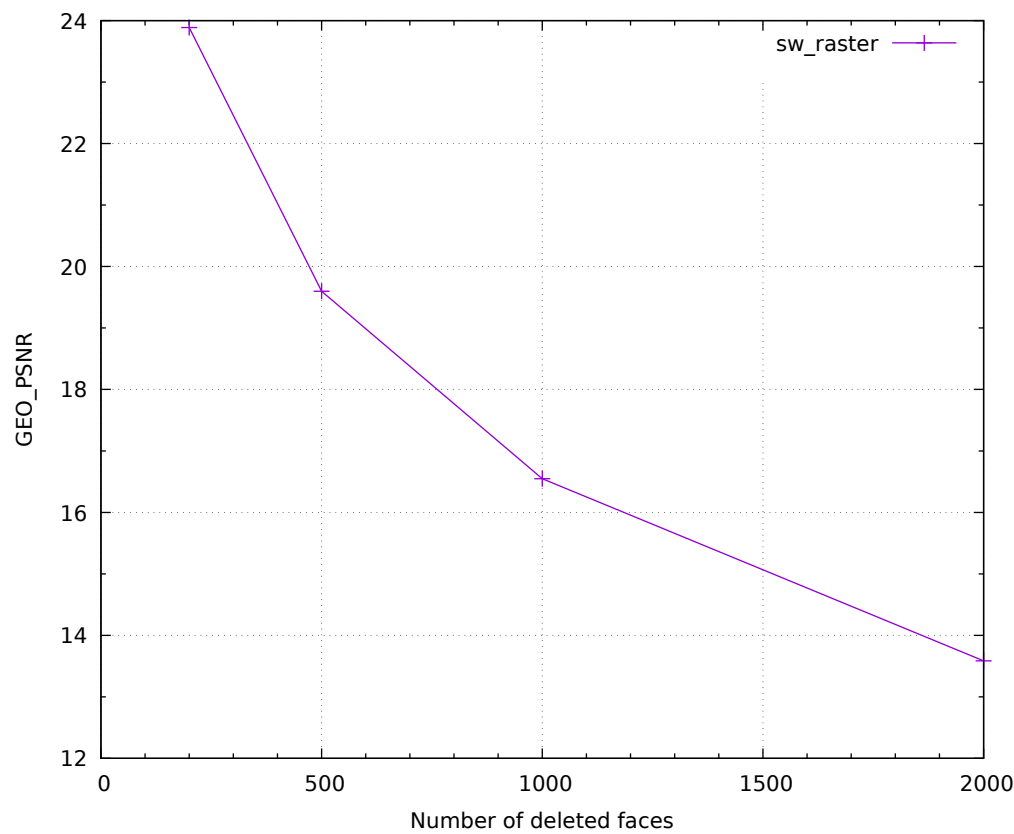
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	13.7313	13.6798	2753.8928	2786.7417	3.5073
1000	16.8647	16.8118	1338.4689	1354.8910	3.4616
500	19.8304	19.7755	676.1490	684.7480	3.4660
200	24.0546	24.0016	255.6327	258.7729	3.5166
1	50.7596	50.3095	0.5459	0.6055	3.4676
0	inf	inf	0.0000	0.0000	3.5037

ibsm = f(local artefacts) - frederick_fr0051



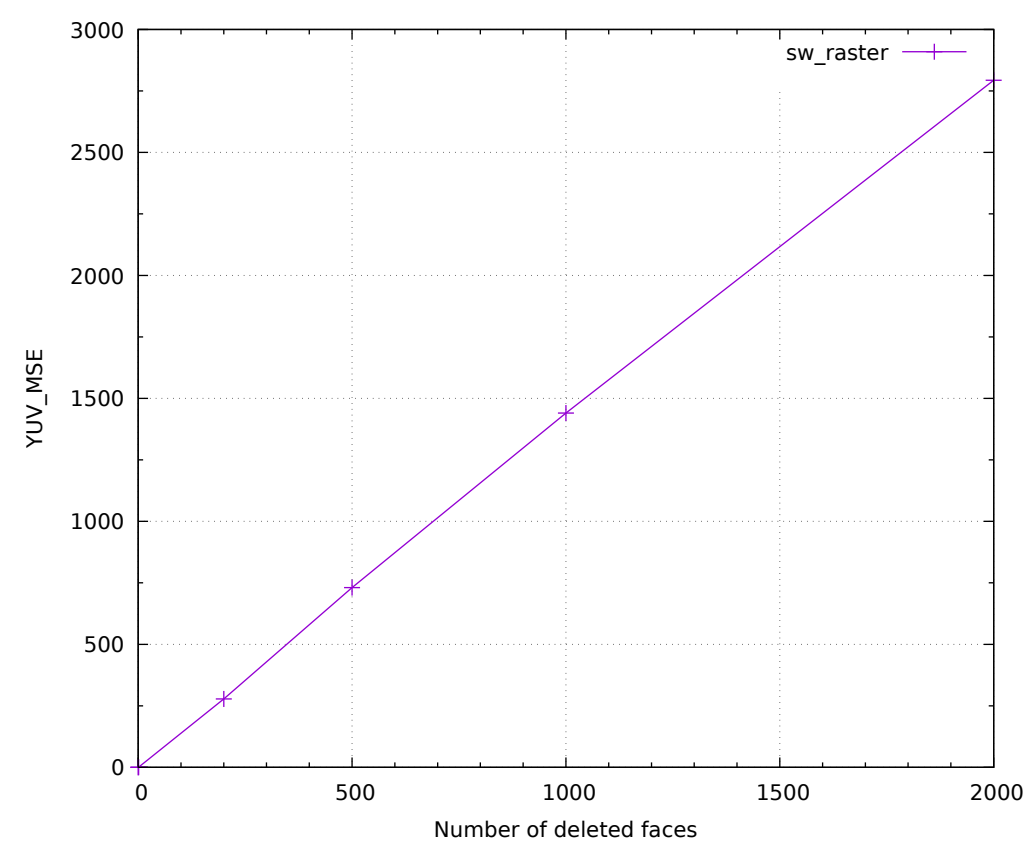
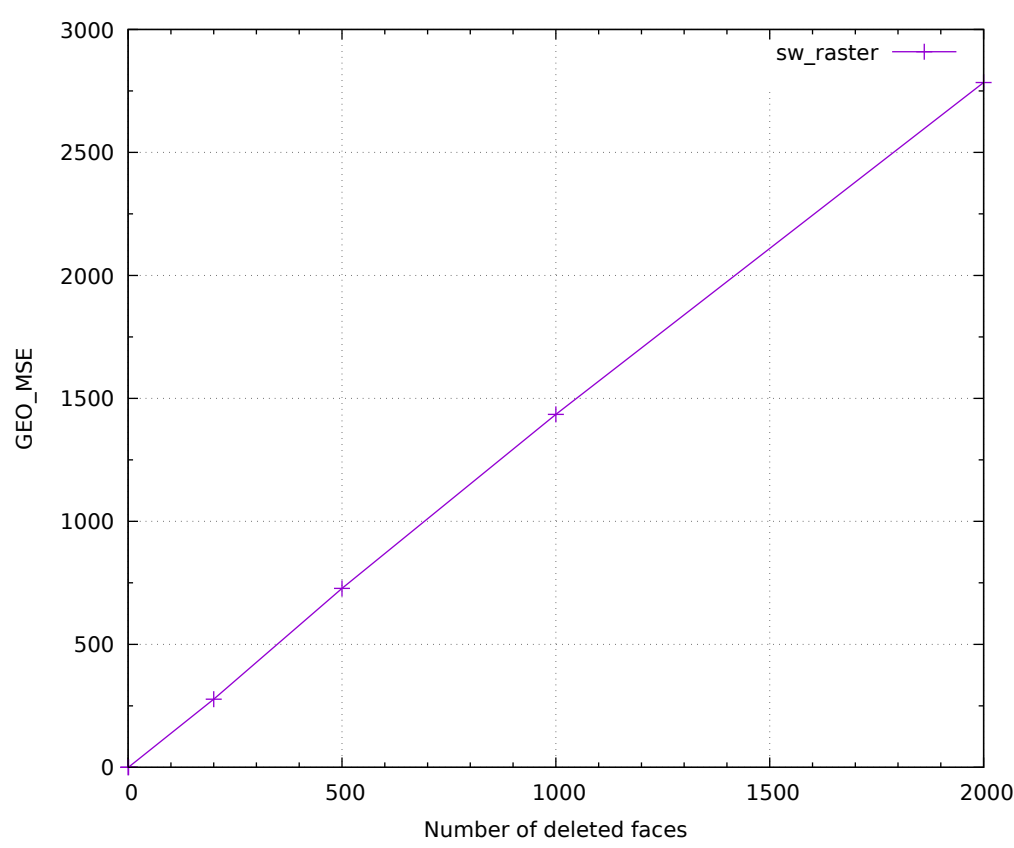
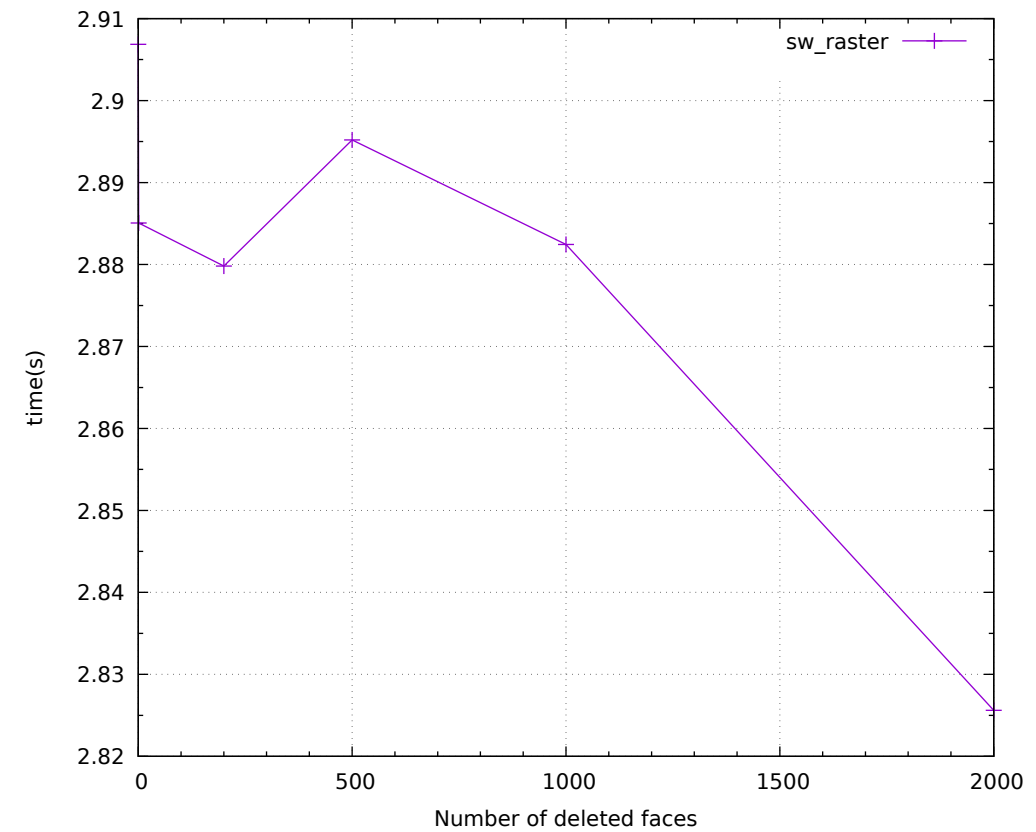
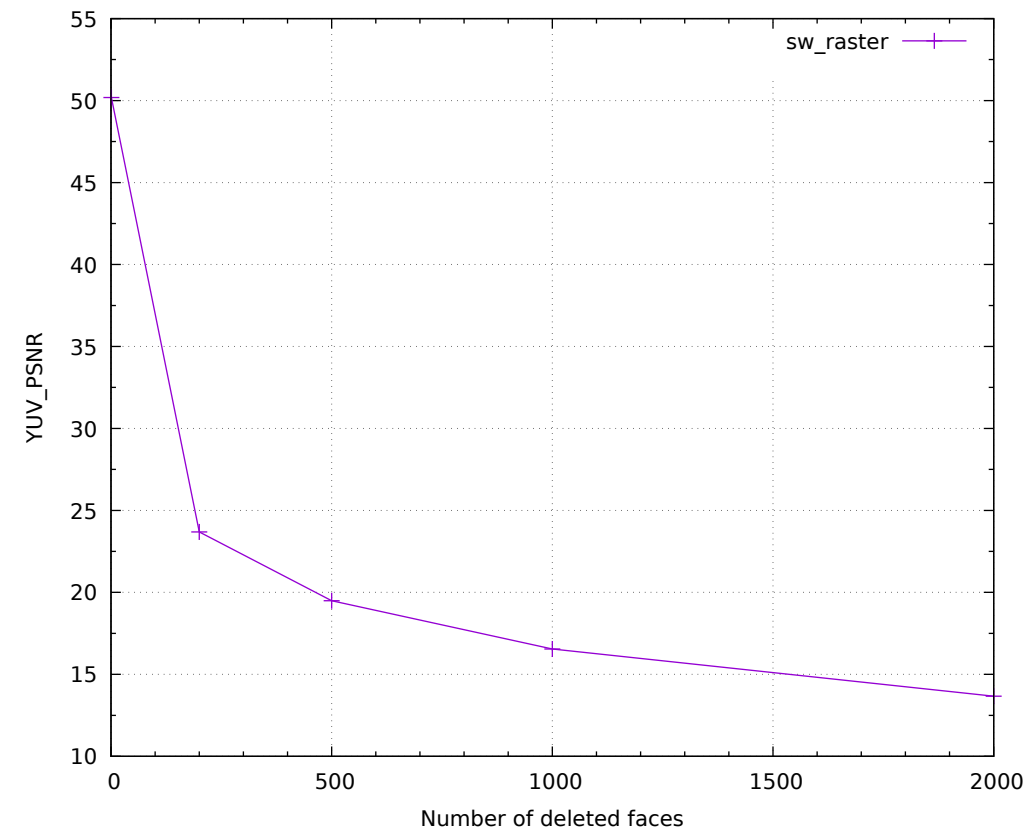
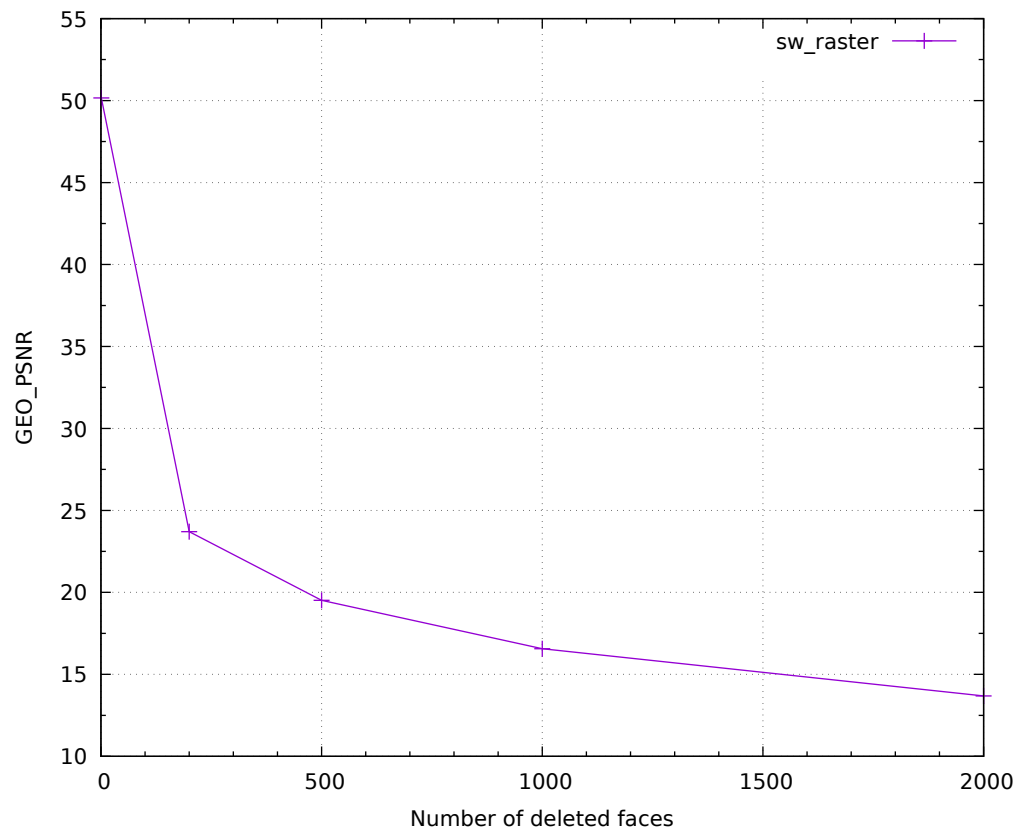
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	14.8809	14.8535	2113.4326	2126.8171	3.4108
1000	17.8193	17.7955	1074.3630	1080.2590	3.4333
500	20.7579	20.7289	546.1251	549.7811	3.4542
200	24.8641	24.8436	212.1625	213.1670	3.4674
1	49.5266	49.5391	0.7251	0.7231	3.4703
0	inf	inf	0.0000	0.0000	3.5259

ibsm = f(local artefacts) - levi_fr0000



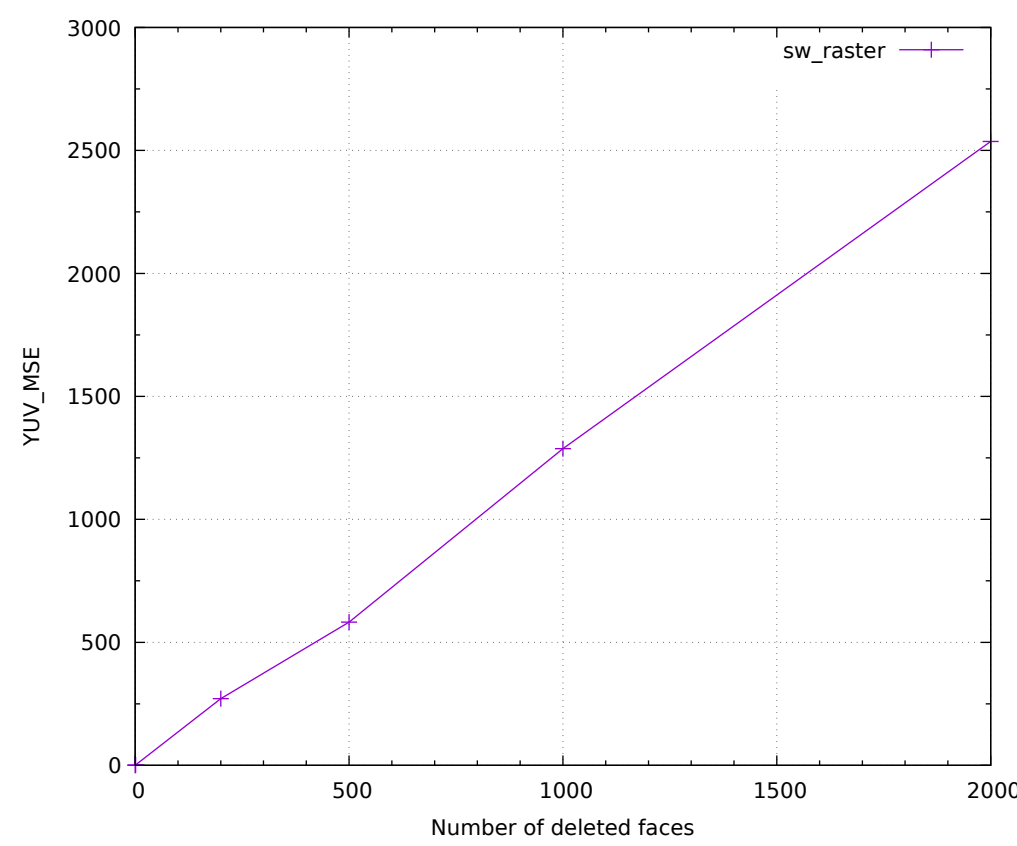
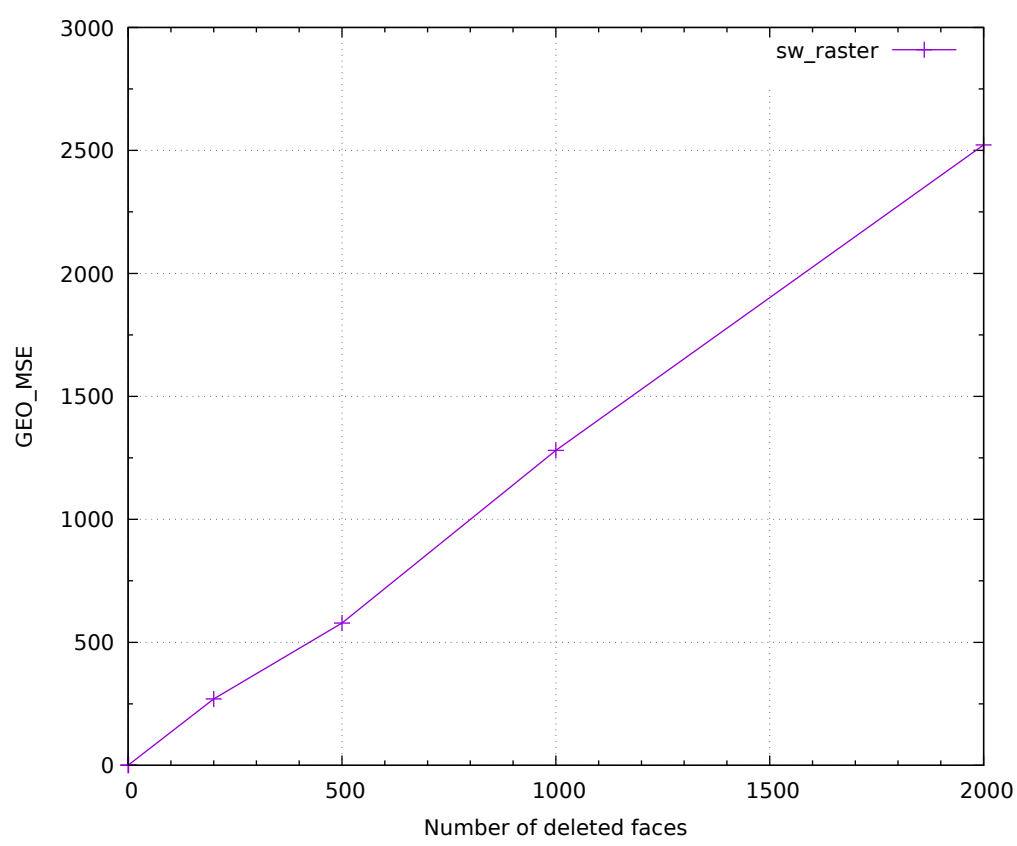
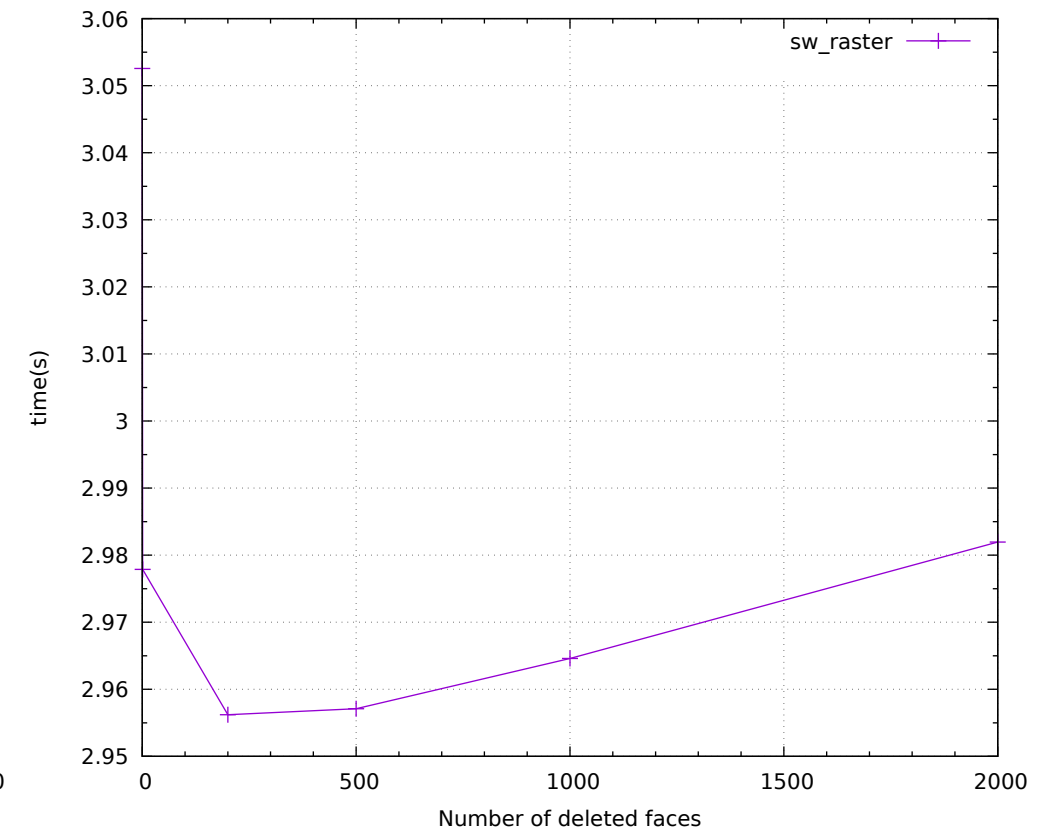
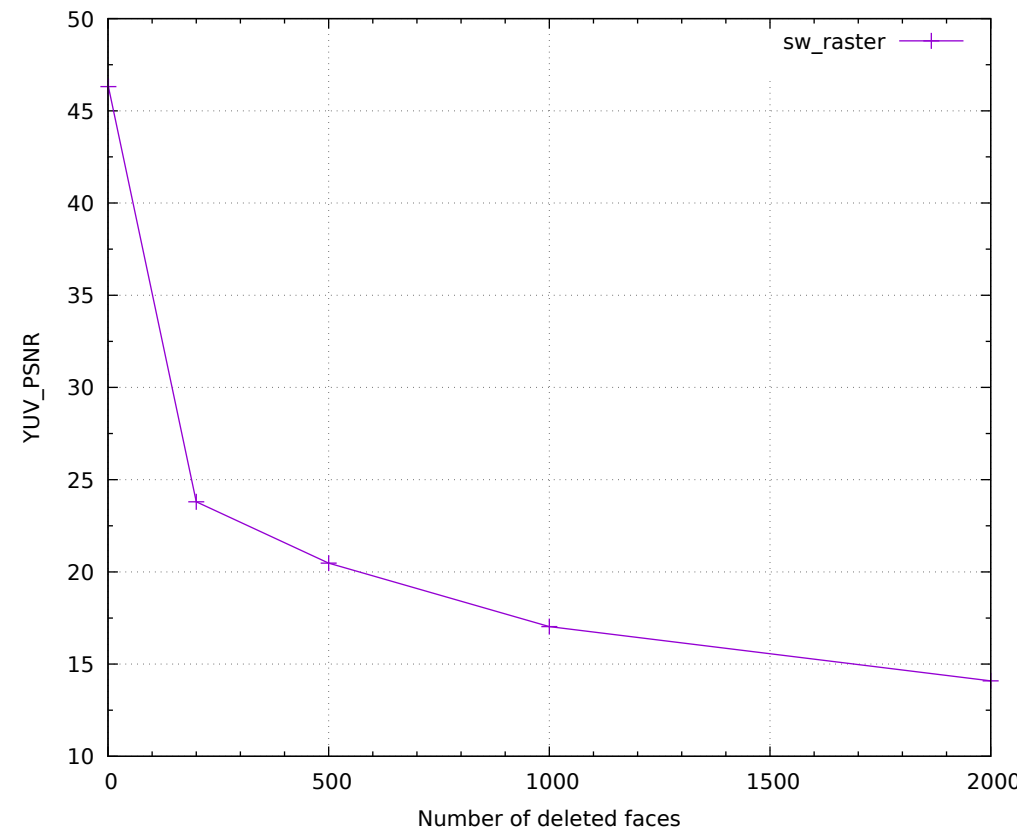
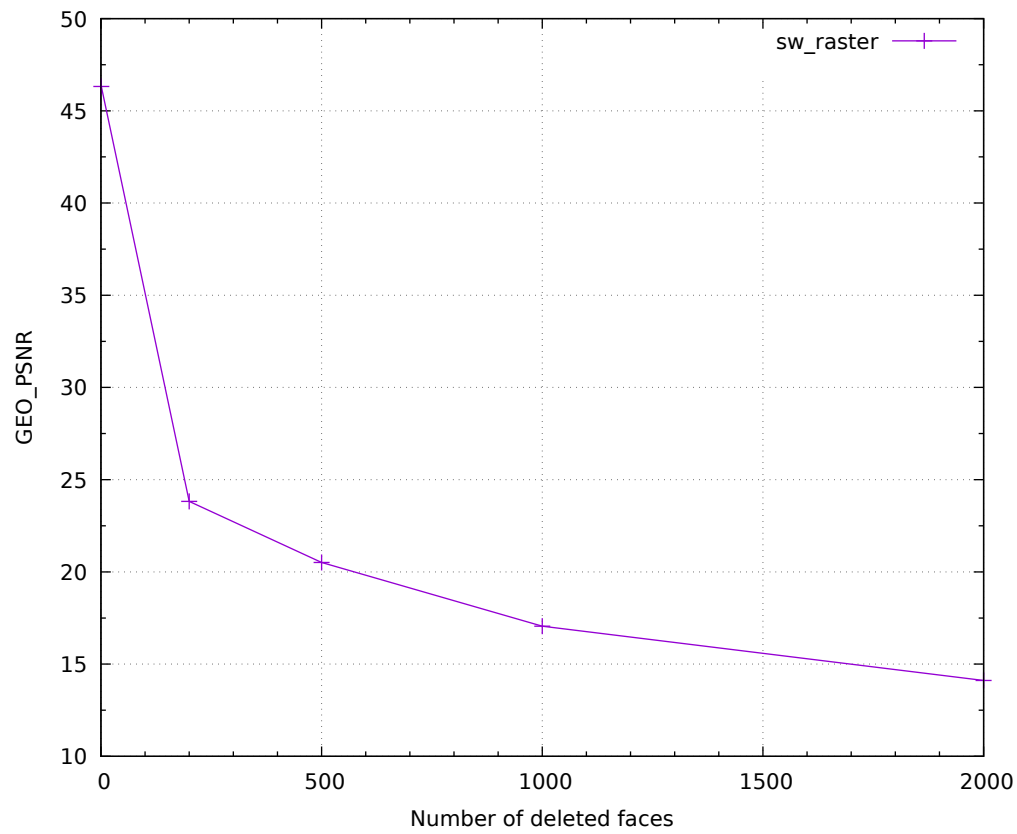
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	13.5859	13.5448	2847.6631	2874.7612	3.3562
1000	16.5482	16.5102	1439.6727	1452.3182	3.3890
500	19.5963	19.5619	713.5903	719.2709	3.4086
200	23.8882	23.8126	265.6196	270.2825	3.4000
1	inf	inf	0.0000	0.0000	3.4480
0	inf	inf	0.0000	0.0000	3.4248

ibsm = f(local artefacts) - longdress_fr1051



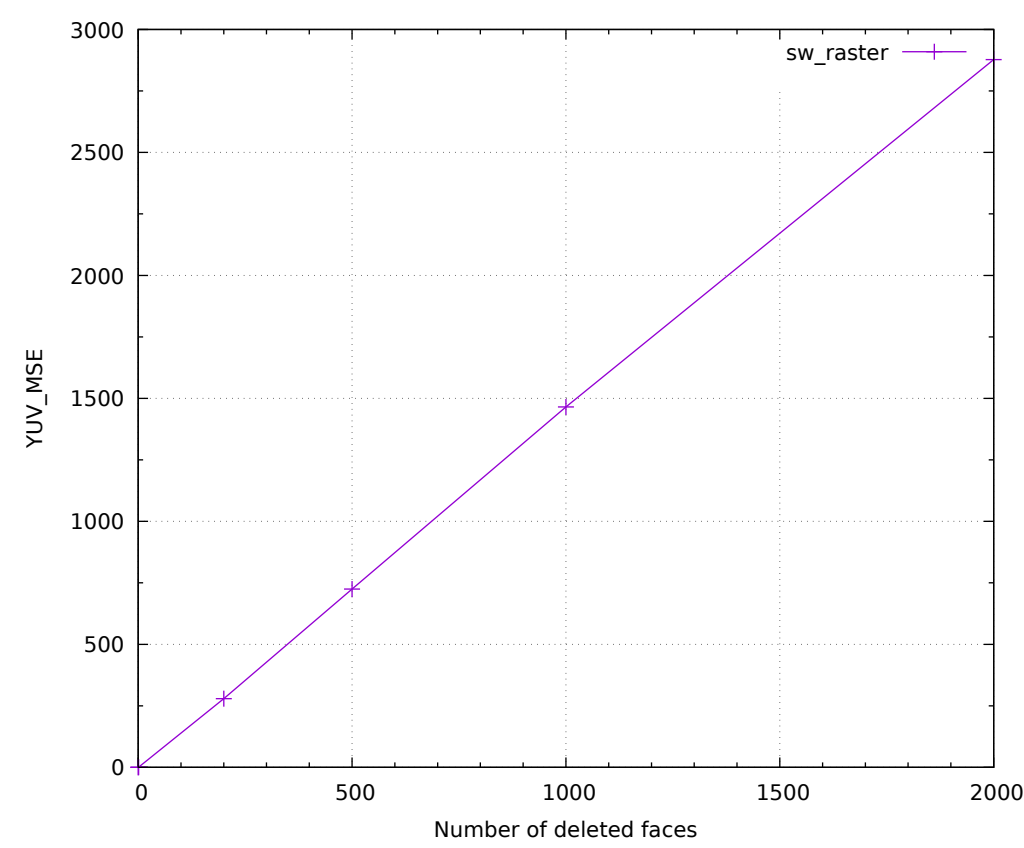
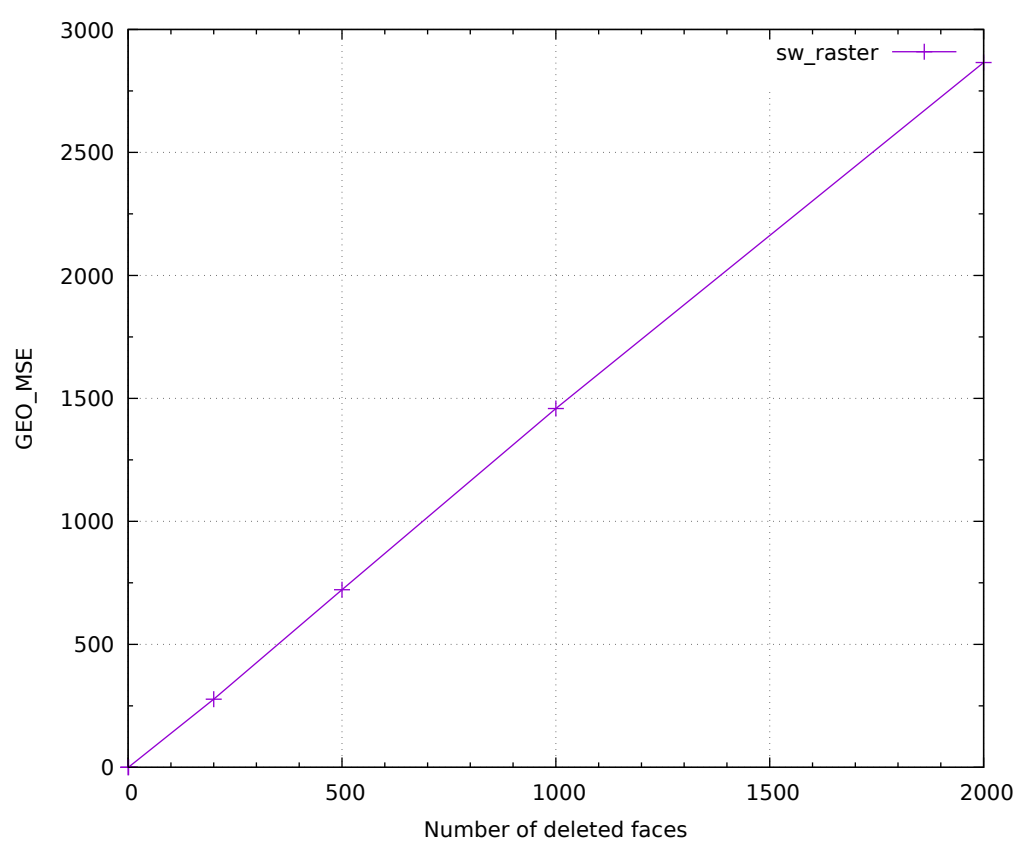
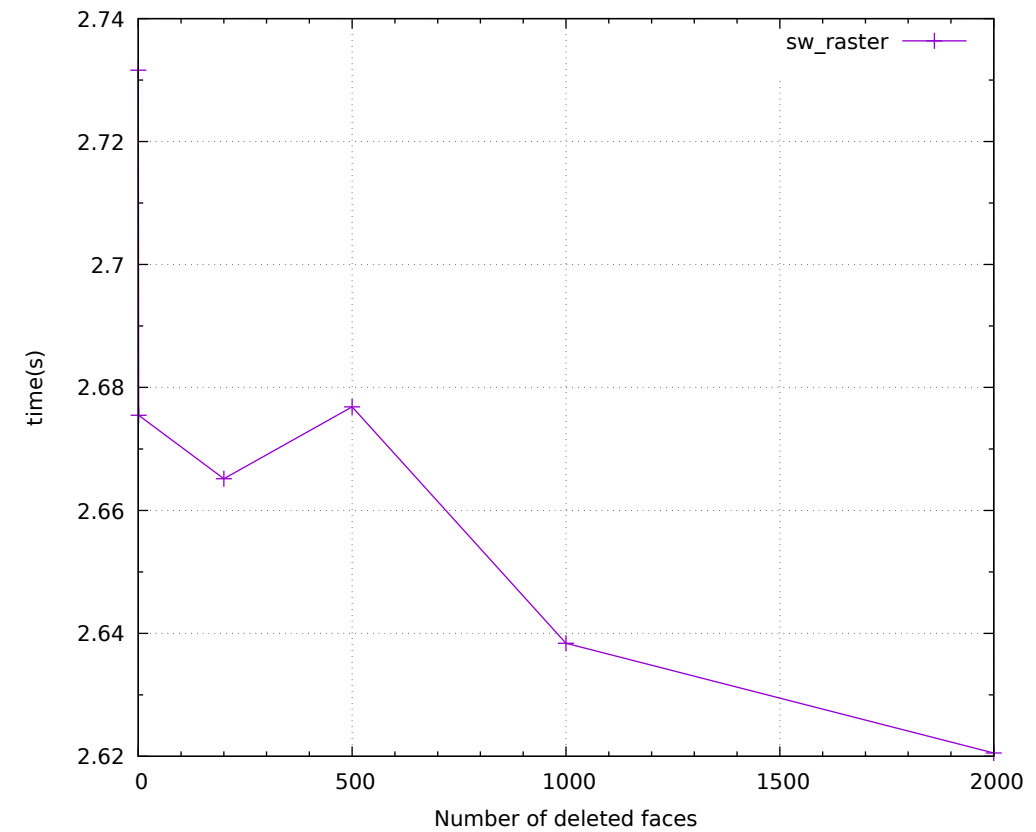
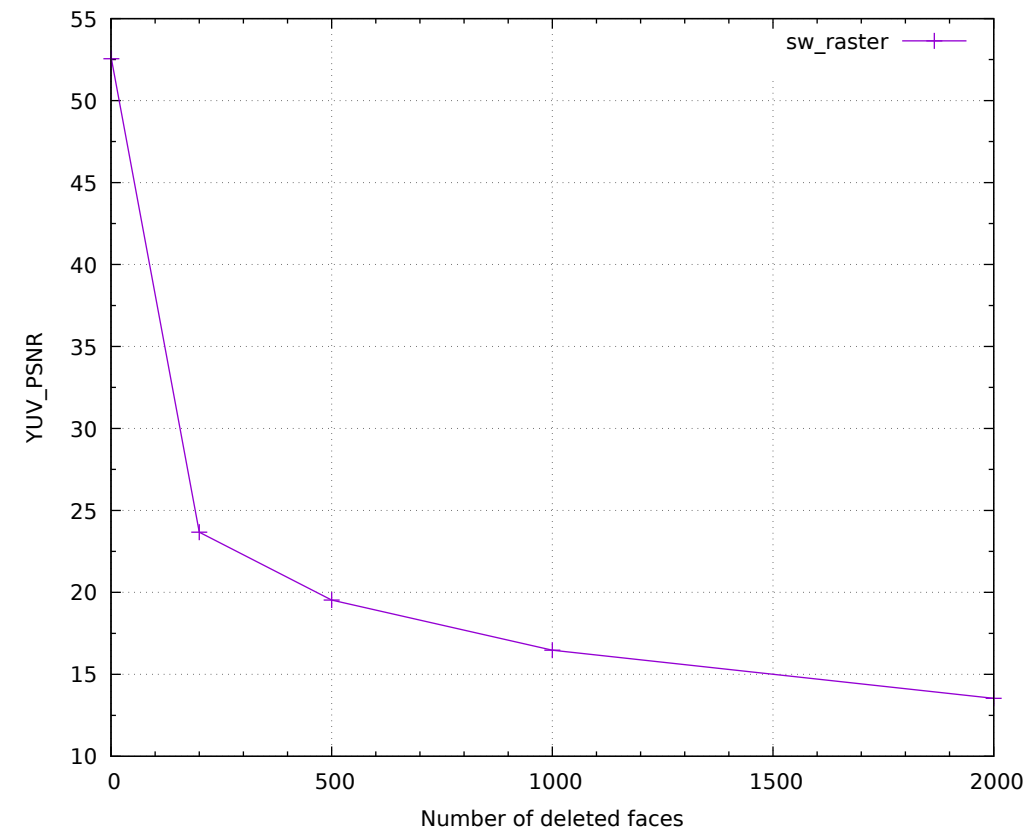
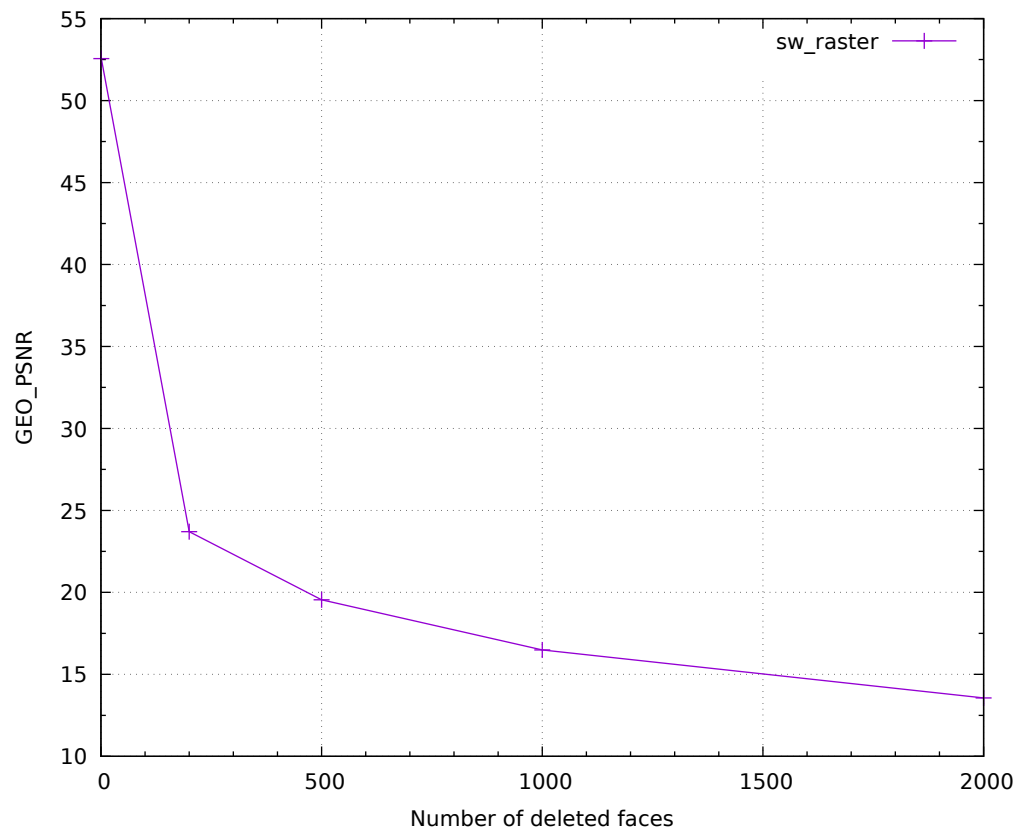
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	13.6839	13.6691	2784.1440	2793.6648	2.8256
1000	16.5617	16.5467	1435.1780	1440.1472	2.8824
500	19.5117	19.4944	727.6350	730.5320	2.8952
200	23.7024	23.6850	277.2316	278.3441	2.8798
1	50.1648	50.1814	0.6260	0.6236	2.8851
0	inf	inf	0.0000	0.0000	2.9069

ibsm = f(local artefacts)- redandblack_fr1450



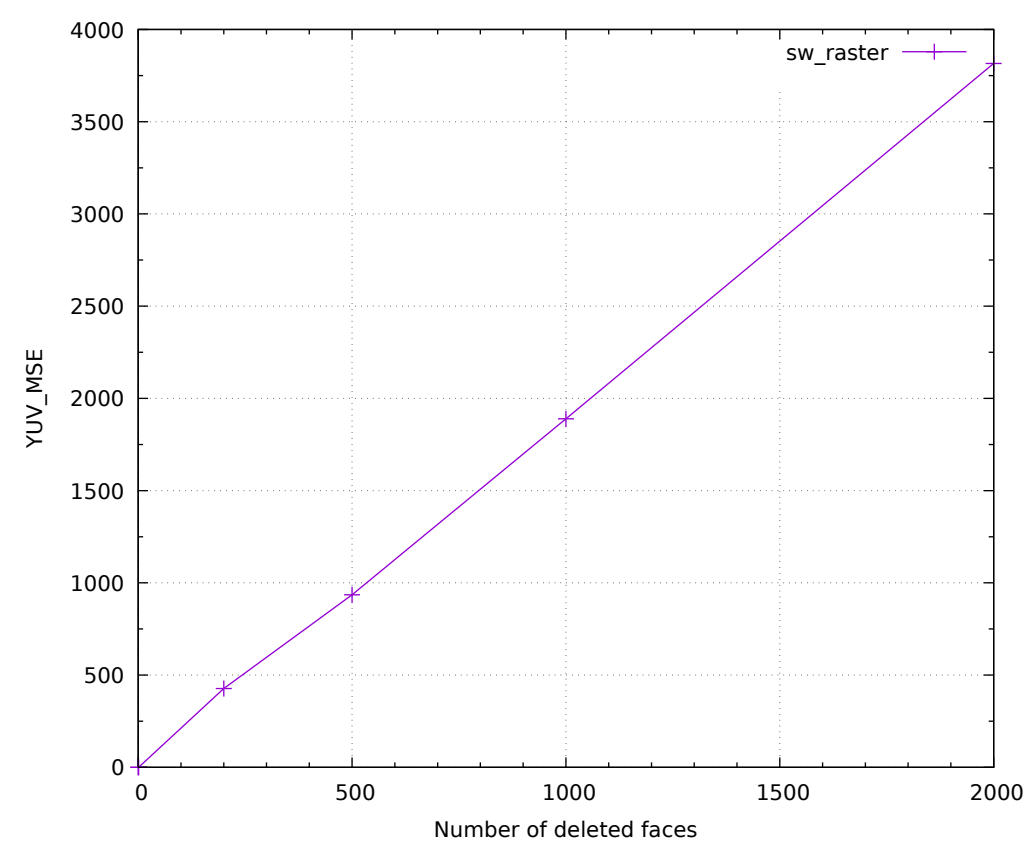
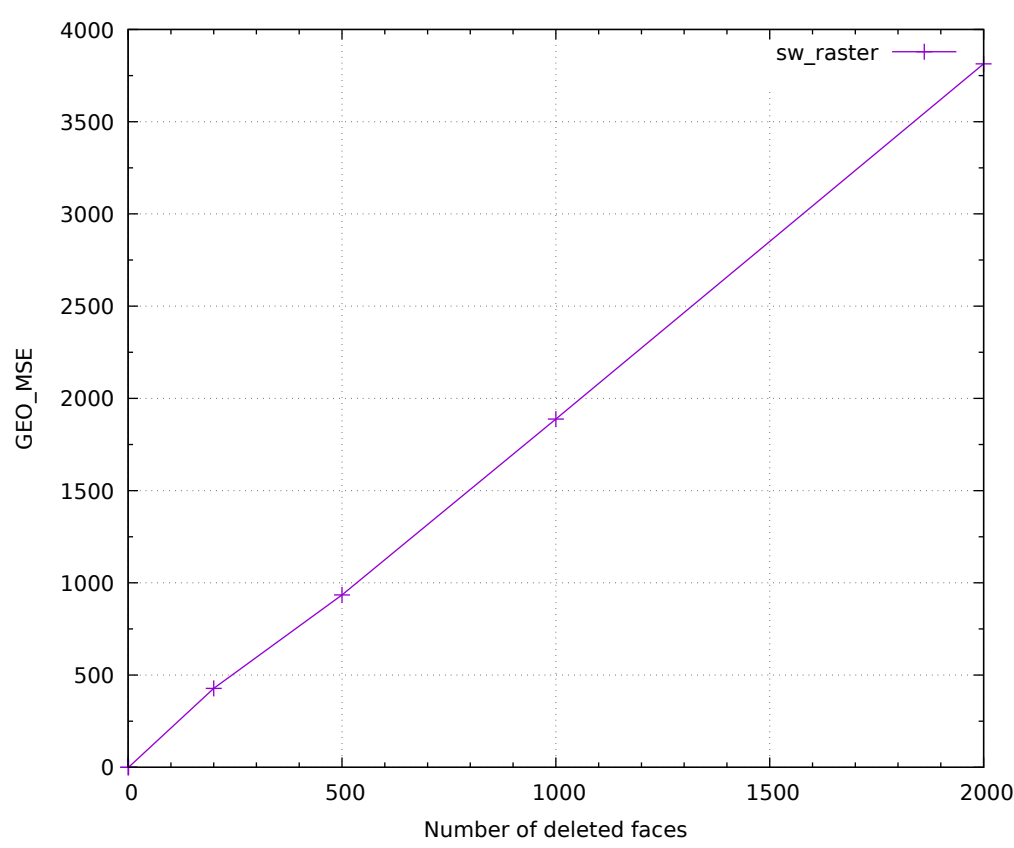
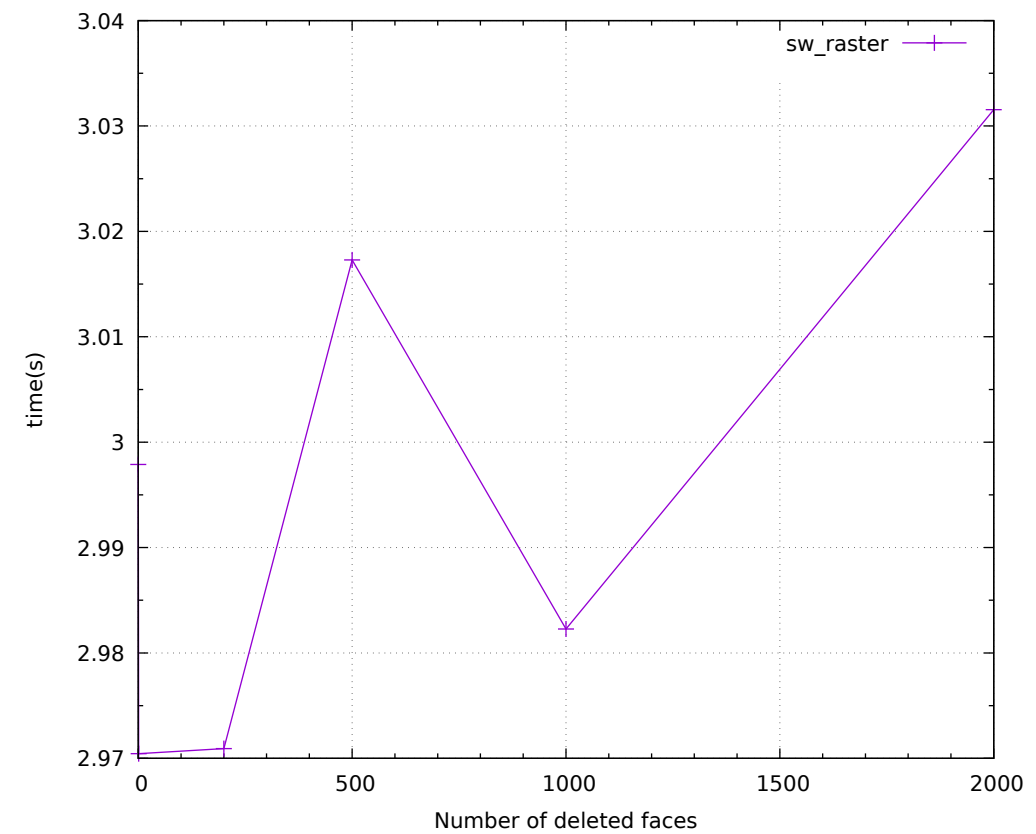
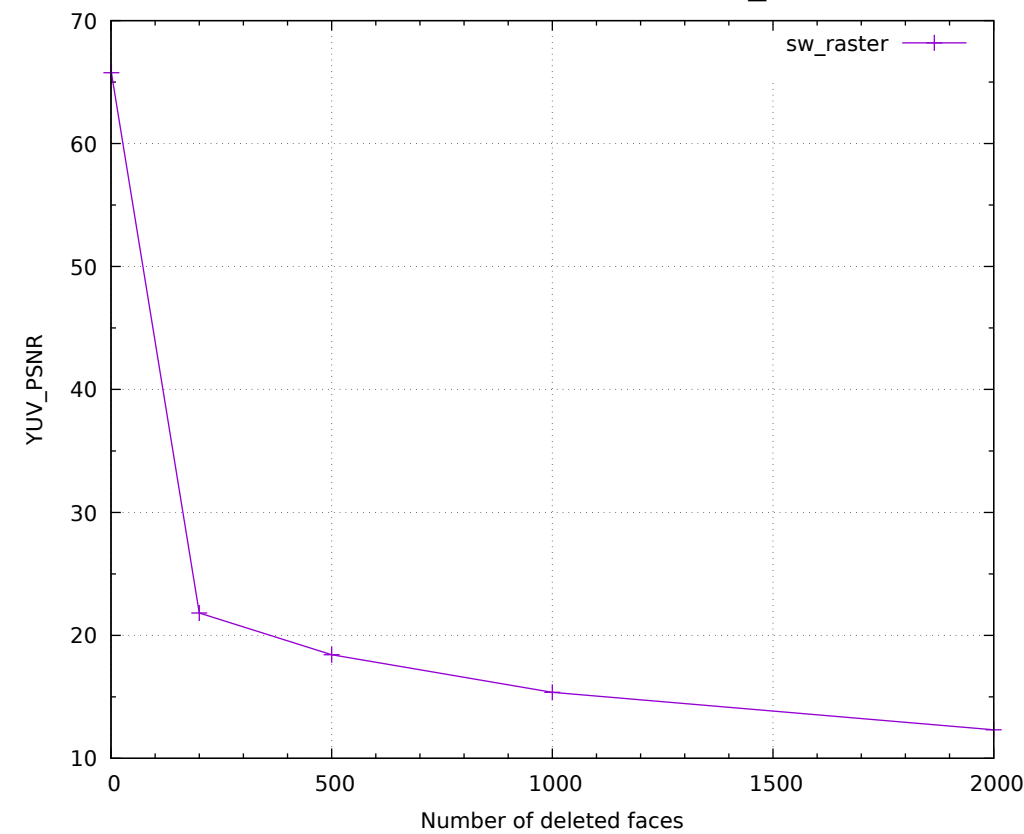
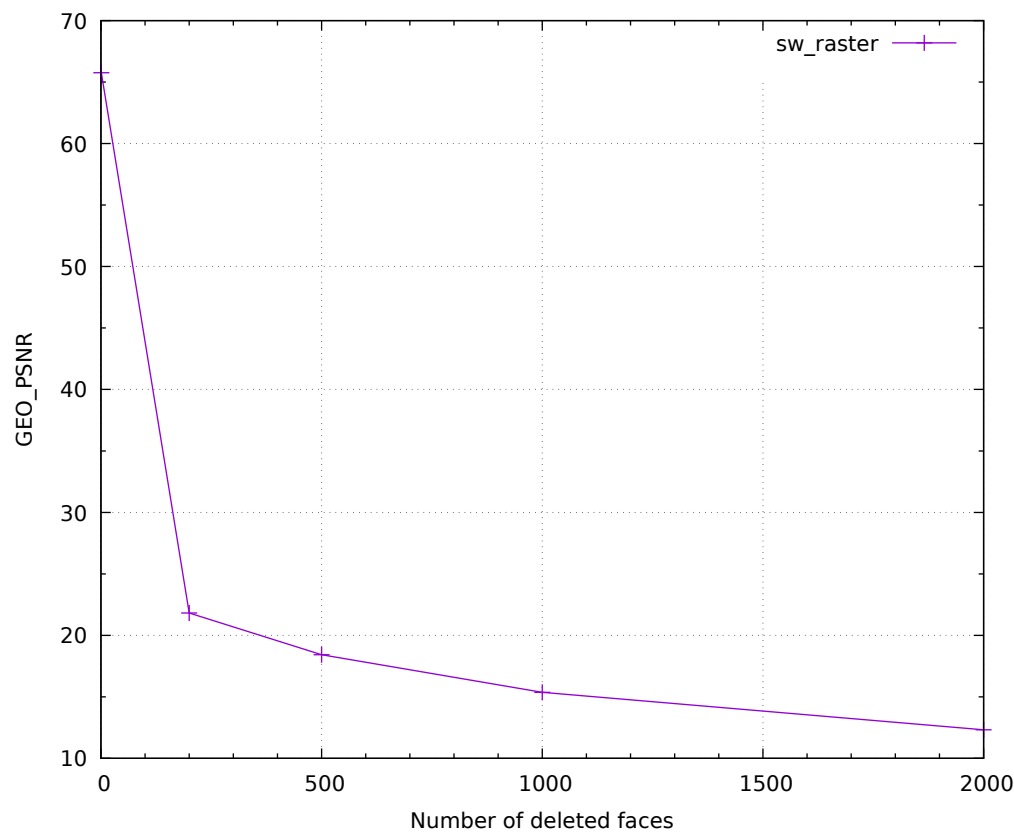
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	14.1128	14.0888	2522.3345	2536.2910	2.9819
1000	17.0567	17.0338	1280.6042	1287.3615	2.9646
500	20.5084	20.4782	578.4137	582.4589	2.9571
200	23.8194	23.8024	269.8612	270.9216	2.9562
1	46.3208	46.3112	1.5171	1.5204	2.9779
0	inf	inf	0.0000	0.0000	3.0526

ibsm = f(local artefacts) - exercise_fr0301



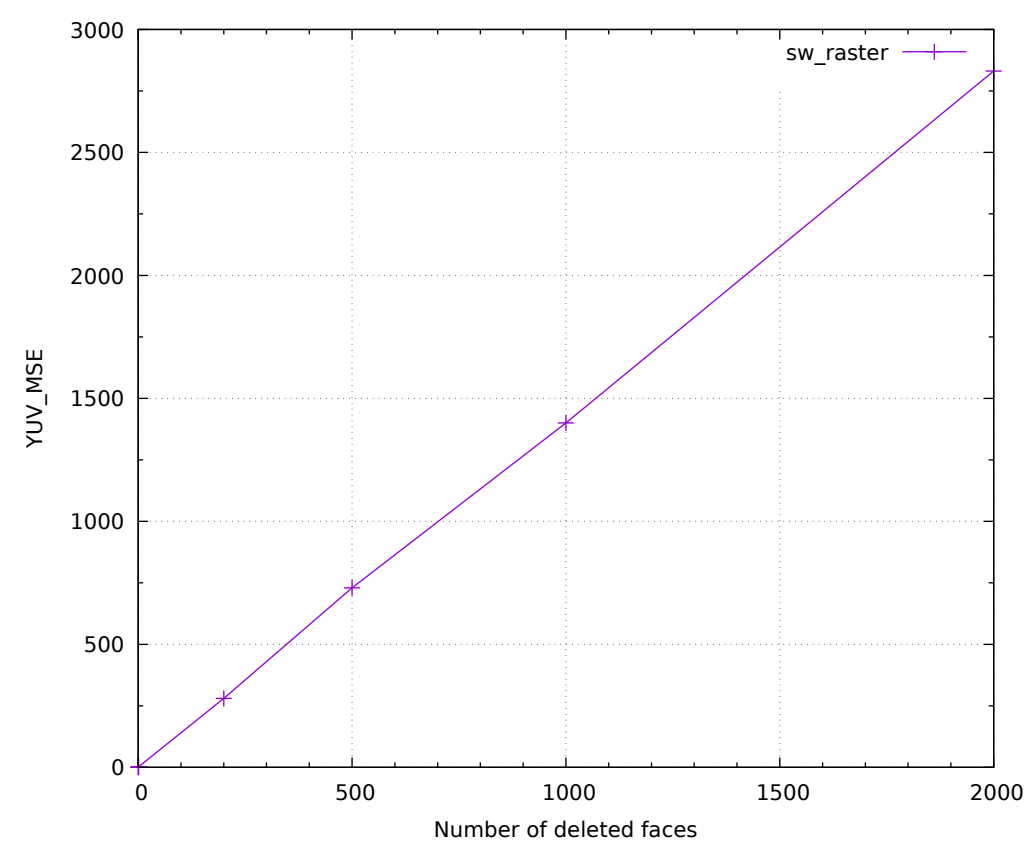
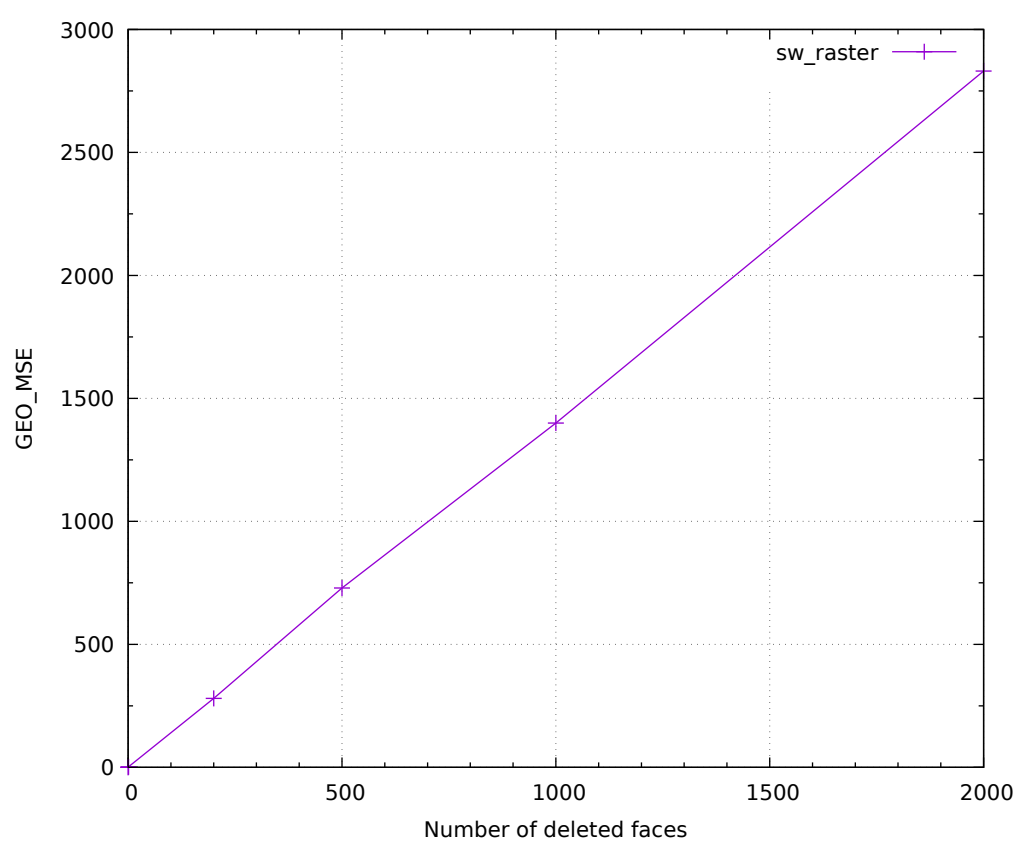
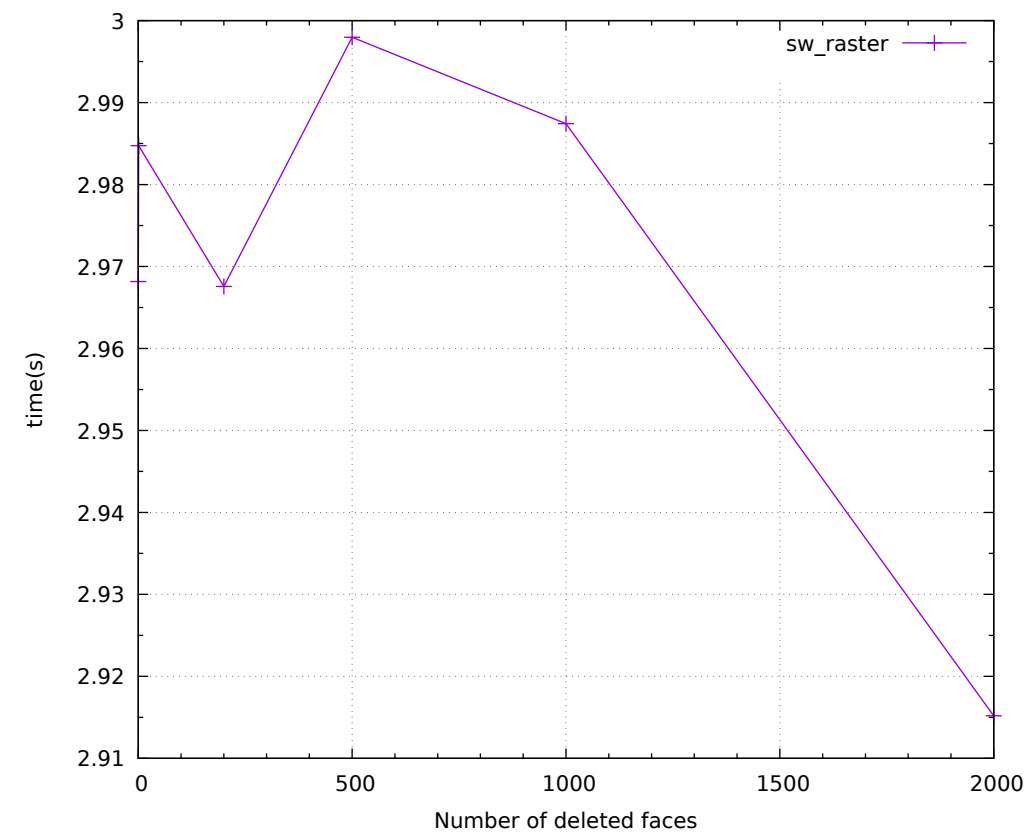
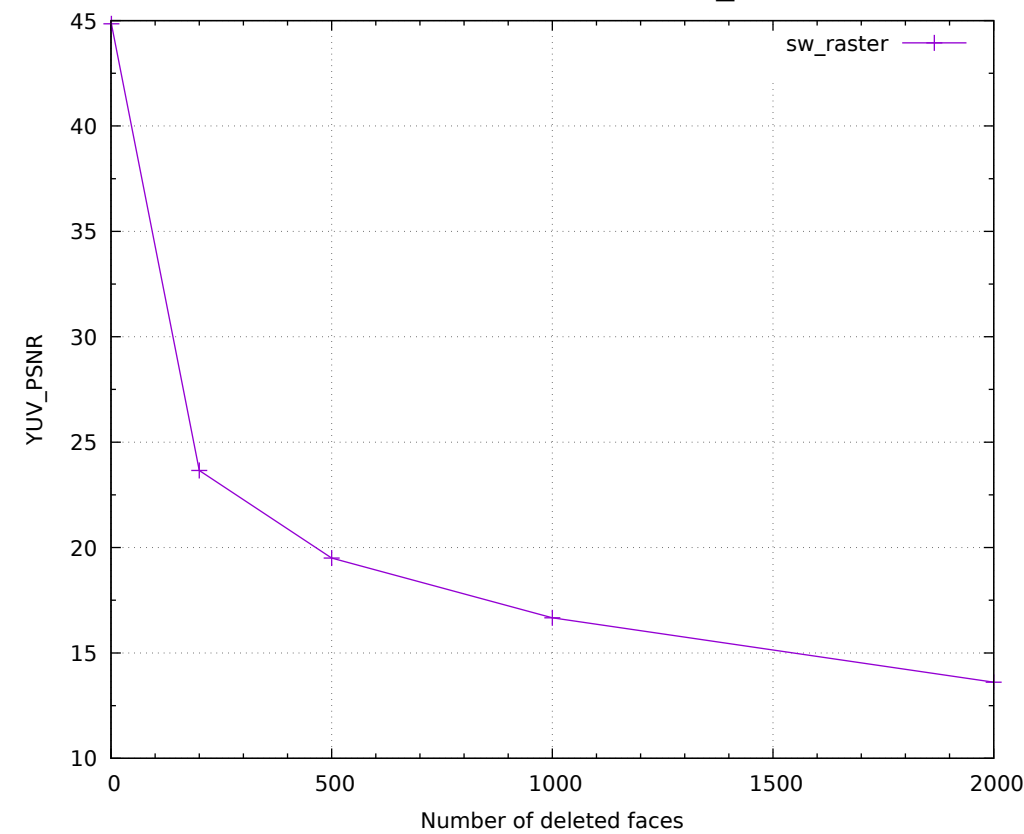
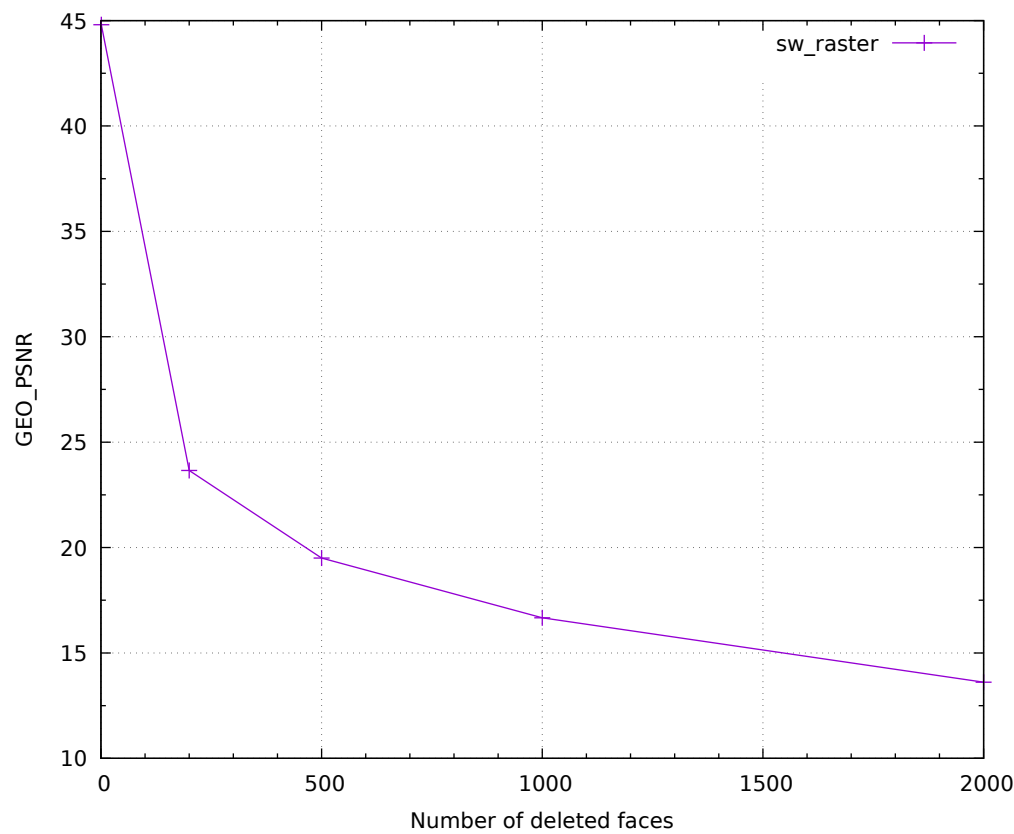
num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	13.5588	13.5406	2865.5054	2877.5464	2.6205
1000	16.4901	16.4713	1459.0369	1465.3723	2.6384
500	19.5442	19.5295	722.2100	724.6484	2.6769
200	23.7047	23.6738	277.0826	279.0632	2.6652
1	52.5598	52.5546	0.3607	0.3611	2.6755
0	inf	inf	0.0000	0.0000	2.7316

ibsm = f(local artefacts) - thomas_fr0618



num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	12.3177	12.3153	3813.4028	3815.5156	3.0316
1000	15.3716	15.3678	1887.6428	1889.3008	2.9823
500	18.4232	18.4213	934.8818	935.3039	3.0173
200	21.8190	21.8211	427.7374	427.5355	2.9709
1	65.7563	65.7563	0.0173	0.0173	2.9704
0	inf	inf	0.0000	0.0000	2.9979

$$\text{ibsm} = f(\text{local artefacts}) - \text{loot_fr1000}$$



num	GEO_PSNR	YUV_PSNR	GEO_MSE	YUV_MSE	time(s)
2000	13.6116	13.6113	2830.8633	2831.0938	2.9152
1000	16.6702	16.6681	1399.7920	1400.4537	2.9874
500	19.5011	19.4995	729.3998	729.6803	2.9980
200	23.6565	23.6582	280.1774	280.0661	2.9676
1	44.8054	44.8456	2.1505	2.1307	2.9847
0	inf	inf	0.0000	0.0000	2.9682