

Data	Dataset	Scan	Tipo	Sample	Note			
8/4								
		1	7 mtimescan(0.01 1 10000)	Vycor				
		1	12 mtimescan(0.01 1 2000)	Vycor	appare un baffo verticale nelle ultime immagini			
		1	13 mtimescan(0.01 1 2000)	Vycor	appare un baffo verticale nelle ultime immagini			
		1	15 sct(1)	vuoto	misura di background con fascio diretto sulla plastica (delcoup 1) (scbattiamo su metallo??)			
		1	16 sct(1)	vuoto	misura di background con fascio diretto sulla plastica (delcoup 1,5)			
		1	17 sct(1)	vuoto	misura di background con fascio diretto sulla plastica (delcoup 2,33) 0,0035cps/pixel/s			
		1	18 sct(1)	vuoto	misura di background con fascio diretto sulla plastica (delcoup 1,75) 0,0002cps/pixel/s			
		1	19 sct(1)	Vycor	misura di background con fascio diretto sulla plastica (delcoup 1,75)			
				GeO2_6				
		1	1 dscan(ys, -1,1, 40, 1)	GeO2_6				
		1	2 dscan(ds, -1,1, 40, 1)	GeO2_6	Scatteriamo circa 0,12 cps/px			
		1	3 dscan(ys, -0.5, 0.5, 50, 0.2)	GeO2_6	Misura della trasmissione con il diodo, c'e' un leggero gradiente nella trasmissione			
		1	4 dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_6	Misura della trasmissione con il diodo, sembra abbastanza omogeneo in questa direzione			
		1	5 dscan(zs, -0.25, 0.25, 50, 0.2)	GeO2_6				
		1	6 mtimescan(0.2, 6000, 1)	GeO2_6	Prima misura di fotocorrelazione con beamsize larga (9.7 keV), i dati sono salvati solo in dense (Fresh Point)			
		1	7 mtimescan(0.2, 1000, 1)	GeO2_6	Misura ripresa piu' velocemente per avere i dati in sparse (Same Point)			
		1	8 mtimescan(0.2, 6000, 1)	GeO2_6	(Same Point)			
		1	9 mtimescan(0.02, 60000, 1)	GeO2_6	(Same Point)			
		1	10 dscan(zs, -0.25, 0.25, 50, 0.2)	GeO2_6	Cerchiamo un nuovo punto			
		1	11 mtimescan(0.02, 15000, 1)	GeO2_6	Fresh Point, mossi a (0.1, 0.02)			
		1	12 mtimescan(0.02, 220000, 1)	GeO2_6	Same Point			
9/4		1	1 dscan(ys, -0.5, 0.5, 50, 0.2)	GeO2_6_100C				
		1	2 dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_6_100C				
		1	3 mtimescan(0.02, 60000, 1)	GeO2_6_100C	Mossi a (0.1, 0.008), temperatura portata a 100 C			
		1	macro: GeO2_6_macro()	GeO2_6_(Temperature)C	Rampa di temperatura durante la notte, misure ogni 70 gradi, partendo da 170 C ed arrivando fino a 730 C, scan da 60000 frames ogni 0.02 s.			
					La posizione viene ricontrollata lungo la z ogni due scan e il beam viene riposizionato automaticamente			
					Viene sempre utilizzato lo stesso punto gia' danneggiato in precedenza			
		1	1 mtimescan(0.02, 60000, 1)	GeO2_6_170C				
		1	1 dscan(ys, -0.4, 0.6, 50, 0.2)	GeO2_6_240C				
		1	2 dscan(zs, -0.24, 0.26, 50, 0.2)	GeO2_6_240C				
		1	3 mtimescan(0.02, 60000, 1)	GeO2_6_240C				
		1	1 dscan(ys, -0.4, 0.6, 50, 0.2)	GeO2_6_310C				
		1	2 dscan(zs, -0.27, 0.23, 50, 0.2)	GeO2_6_310C				
		1	3 mtimescan(0.02, 60000, 1)	GeO2_6_310C				
		1	1 mtimescan(0.02, 60000,1)	GeO2_6_380C				
		1	1 dscan(ys, -0.4, 0.6, 50, 0.2)	GeO2_6_450C				
		1	2 dscan(zs, -0.28, 0.22, 50, 0.2)	GeO2_6_450C				
		1	3 mtimescan(0.02, 60000, 1)	GeO2_6_450C				
		1	1 mtimescan(0.02, 60000, 1)	GeO2_6_520C				
		1	1 dscan(ys, -0.4, 0.6, 50,0.2)	GeO2_6_590C				
		1	2 dscan(zs, -0.29, 0.21, 50, 0.2)	GeO2_6_590C				
		1	3 mtimescan(0.02, 60000, 1)	GeO2_6_590C				
		1	1 mtimescan(0.02, 60000, 1)	GeO2_6_660C				
			macro: GeO2_6_macro()	GeO2_6_(Temperature)C	Il tau diventa troppo rapido, cambia il tempo d'integrazione a 0.002 s			
					Prendi 730 e riprendi 660 e 590			
		1	1 dscan(ys, -0.4, 0.6, 50,0.2)	GeO2_6_730C				
		1	2 dscan(zs, -0.29, 0.21, 50, 0.2)	GeO2_6_730C				
		1	3 mtimescan(0.002, 199984, 1)	GeO2_6_730C				

Data	Dataset	Scan	Tipo	Sample	Note			
		2	1 dscan(ys, -0.4, 0.6, 50,0.2)	GeO2_6_660C				
		2	2 dscan(zs, -0.31, 0.19, 50, 0.2)	GeO2_6_660C				
		2	3 mtimescan(0.002, 199804, 1)	GeO2_6_660C				
		2	1 dscan(ys, -0.4, 0.6, 50,0.2)	GeO2_6_590C				
		2	2 dscan(zs, -0.32, 0.19, 50, 0.2)	GeO2_6_590C				
		2	3 mtimescan(0.002, 199804, 1)	GeO2_6_590C				
					Analisi in Q: cambia delcoup e theta, 1h di misura per ogni Q, 1 ms di integrazione			
		1	2 mtimescan(0.001, 3 600 000, 1)	GeO2_6q_delcoup_1.75	Qualche problema perché il detector salvava i dati sia in sparse, sia in dense (troppo pesanti)			
		1	2 mtimescan(0.001, 3 600 000, 1)	GeO2_6q_delcoup_1	Il sincrotrone si è spento ad un certo punto alla fine della misura			
		1	2 mtimescan(0.001, 3 600 000, 1)	GeO2_6q_delcoup_3				
		1	2 mtimescan(0.001, 3 600 000, 1)	GeO2_6q_delcoup_5				
				GeO2_7				
		1	1 dscan(zs, -1, 1, 50, 0.2)	GeO2_7	Diverse misure per capire le dimensioni del campione, le misure si spostano tutte lungo i bordi			
			2 dscan(ys, -1, 1, 50, 0.2)		Servono per trovare una regione dove effettuare le vere e proprie misure sul campione			
			3 dscan(zs, -1, 1, 50, 0.2)					
			4 dscan(ys, -1, 1, 50, 0.2)					
			5 dscan(ys, -1, 1, 50, 0.2)					
			6 dscan(ys, -1, 1, 50, 0.2)					
			7 dscan(ys, -1, 1, 50, 0.2)					
			8 dscan(zs, -1, 1, 50, 0.2)					
				GeO2_(Temperature)C				
		1		GeO2_30C	scan 1 2 e 3 da buttare, fuori dal campione			
		2		GeO2_30C	scan 1 2 e 3 da buttare, fuori dal campione			
			Tutte le temperature hanno uno scan in z e in y prima e dopo la misura	(scan 1-2 e 4-5)	Il fit ogni tanto fatica a trovare il contrasto giusto			
		3	3 mtimescan(0.001, 30*60*1000, 1)	GeO2_30C	Inizio macro			
		1	3 mtimescan(0.001, 30*60*1000, 1)	GeO2_100C				
		1	3 mtimescan(0.001, 30*60*1000, 1)	GeO2_170C				
		1	3 mtimescan(0.001, 30*60*1000, 1)	GeO2_240C				
		1	3 mtimescan(0.001, 30*60*1000, 1)	GeO2_310C				
		1	3 mtimescan(0.001, 60*60*1000, 1)	GeO2_345C				
		1	3 mtimescan(0.001, 60*60*1000, 1)	GeO2_380C				
		1	3 mtimescan(0.001, 60*60*1000, 1)	GeO2_415C				
		1	3 mtimescan(0.001, 60*60*1000, 1)	GeO2_450C				
		1	3 mtimescan(0.001, 60*60*1000, 1)	GeO2_485C	Cambiata il dscan (200 punti invece di 50)			
		1	3 mtimescan(0.001, 120*60*1000, 1)	GeO2_520C	aggiunta mesh prima e dopo la misura STOPPATA			
		1	5 mtimescan(0.001, 120*60*1000, 1)	GeO2_520C	cambiata posizione (zs, 0, ys, -0.42)			
		1	4 mtimescan(0.001, 120*60*1000, 1)	GeO2_555C	cambiata posizione (zs = 0,15, ys=-0.52)			
		1	4 mtimescan(0.001, 120*60*1000, 1)	GeO2_590C				
		1	4 mtimescan(0.001, 180*60*1000, 1)	GeO2_625C				
		1	4 mtimescan(0.001, 180*60*1000, 1)	GeO2_660C				
		1	5 dmesh(zs, -0.05, 0.05, 20, ys, -0.05, 0.05, 20, 0.2)	GeO2_660C	Stopmata la macro per capire se la gobba e le cadute siano dovute a aging ed effetti termici			
		1	6 mtimescan(0.001, 30*60*1000, 1)	GeO2_660C	stopmata , misura cominciata con gli attenuatori			
		1	7 mtimescan(0.001, 30*60*1000, 1)	GeO2_660C	umv(zs, 0, ys, -0.52)			
		1	8 dmesh(zs, -0.05, 0.05, 20, ys, -0.05, 0.05, 20, 0.2)	GeO2_660C				
		1	9 mtimescan(0.001, 30*60*1000, 1)	GeO2_660C	umv(zs, 0,15, ys, -0.32)			
		1	11 dmesh(zs, -0.05, 0.05, 20, ys, -0.05, 0.05, 20, 0.2)	GeO2_660C				
		1	12 mtimescan(0.001, 30*60*1000, 1)	GeO2_660C	umv(zs, 0,15, ys, -0.44)			
		1	15 dmesh(zs, -0.05, 0.05, 20, ys, -0.05, 0.05, 20, 0.2)	GeO2_660C	umv(zs, 0, ys, -0.62)			
		1	4 mtimescan(0.001, 240*60*1000, 1)	GeO2_695C	stopmata , il campione comincia a cristallizzare			
		1	5 dmesh(zs, -0.05, 0.05, 20, ys, -0.05, 0.05, 20, 0.2)	GeO2_695C	umv(zs, 0,15, ys, -0.62)			
		1	dmesh(zs, -0.05, 0.05, 20, ys, -0.05, 0.05, 20, 0.2)	GeO2_695C	umv(zs, 0,35, ys, -0.62)			
		1	4 mtimescan(0.001, 240*60*1000, 1)	GeO2_730C	umv(zs, 0,12, ys, -0.27) stopmata , ancora cristallizzazione			
		1	4 mtimescan(0.001, 60*60*1000, 1)	GeO2_660C				
		2	4 mtimescan(0.001, 20*60*1000, 1)	GeO2_520C				
		1	4 mtimescan(0.001, 20*60*1000, 1)	GeO2_300C				

Data	Dataset	Scan	Tipo	Sample	Note			
11/4	T			GeO2_3				
		1	1 dscan(zs, -1, 1, 100, 2)	GeO2_3_alligment	allineo in zs			
		1	2 dscan(ys, -1, 1, 100, 2)	GeO2_3_alligment	allineo in ys			
	POSIZIONE DI LAVORO (YS=1, ZS=0)				scelgo di lavorare un po' piu a destra per stare lontano da una gobbeta			
		1	3 dscan(zs, -1, 1, 100, 2)	GeO2_3_alligment				
		1	4 dmesh(ys, -0.1, 0.1, 40, zs, -0.1, 0.1, 40, 0.2)	GeO2_3_alligment	Refill in mezzo alla mesh haha			
			6 sct()		sct() in aria zs=-0.7,			
		1	5 mtimescan(0.001, 5*60*1000, 1)	GeO2_3_alligment	scan in posizione non di lavoro, cosi, per poi iniziare a lavorare su un vergine: move(ys, -0.22, zs, 0)			
	MACRO GeO2_3							
		1 1,2;	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_30C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_30C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_30C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_100C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_100C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_100C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_170C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_170C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_170C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_240C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_240C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_240C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_310C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_310C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_310C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_380C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_380C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_380C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_415C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_415C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_415C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_450C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_450C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_450C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_485C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_485C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_485C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_520C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_520C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_520C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_555C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_555C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_555C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_590C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_590C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_590C				
		1 1,2	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_3_625C				
		1	3 dmesh(ys, -0.05, 0.05, 20, zs, -0.05, 0.05, 20, 0.2)	GeO2_3_625C				
		1	4 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_625C				
	MACRO GeO2_3_2				ogni 40 minuti mi sposto su un punto nuovo per evitare la cristallizzazione indotta, uso una mesh 300 um x 300 um, una temperatura per colonna			
		1 1,2	dscan(ys, -0.5, 0.5, 100, 0.2), dscan(zs, -0.5, 0.5, 100, 0.2)	GeO2_3_660C				
		1	3 dmesh(ys, -0.05, 0.05, 10, zs, -0.15, 0.15, 30, 0.2)	GeO2_3_660C				
		1	4:7 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_660C	umv(ys, yss[ij], zs, zss[ij])			
		1 1,2	dscan(ys, -0.5, 0.5, 100, 0.2), dscan(zs, -0.5, 0.5, 100, 0.2)	GeO2_3_690C				
		1	3 dmesh(ys, -0.05, 0.05, 10, zs, -0.15, 0.15, 30, 0.2)	GeO2_3_690C				
		1	4:7 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_690C	umv(ys, yss[ij], zs, zss[ij])			
		1 1,2	dscan(ys, -0.5, 0.5, 100, 0.2), dscan(zs, -0.5, 0.5, 100, 0.2)	GeO2_3_730C				
		1	3 dmesh(ys, -0.05, 0.05, 10, zs, -0.15, 0.15, 30, 0.2)	GeO2_3_730C				
		1	4:7 mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_730C	umv(ys, yss[ij], zs, zss[ij])			
		1 1,2	dscan(ys, -0.5, 0.5, 100, 0.2), dscan(zs, -0.5, 0.5, 100, 0.2)	GeO2_3_730C_Q				
		1	3 dmesh(ys, -0.05, 0.05, 10, zs, -0.15, 0.15, 30, 0.2)	GeO2_3_730C_Q				

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13/4		1	4:7	mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_730C_Q	umv(ys, yss[ij], zs, zss[ij])		
		1	1:2	dscan(ys, -0.5, 0.5, 100, 0.2), dscan(zs, -0.5, 0.5, 100, 0.2)	GeO2_3_730C_att2			
		1	3	dmesh(ys, -0.05, 0.05, 10, zs, -0.15, 0.15, 30, 0.2)	GeO2_3_730C_att2			
		1	4:7	mtimescan(0.001, measure_time[ij]*60*1000, 1)	GeO2_3_730C_att2	umv(ys, yss[ij], zs, zss[ij])		
					GeO2_4			
		1	1:9		GeO2_4	scans di allineamento		
		1	1:2	dscan(ys, -0.5, 0.5, 100, 0.2), dscan(zs, -0.5, 0.5, 100, 0.2)	GeO2_4_30C	umv(zs, 0.03, ys, -0.6)		
		1	3	dmesh(ys, -0.05, 0.05, 10, zs, -0.15, 0.15, 30, 0.2)	GeO2_4_30C	stoppata, non posizione ideale		
		2	1:2	dscan(ys, -0.5, 0.5, 100, 0.2), dscan(zs, -0.5, 0.5, 100, 0.2)	GeO2_4_30C	umv(zs, 0.03, ys, -0.57)		
		2	3	dmesh(ys, -0.05, 0.05, 10, zs, -0.15, 0.15, 30, 0.2)	GeO2_4_30C			
		2	4	mtimescan(0.001, 20*60*1000, 1)	GeO2_4_30C			
		2	5	mtimescan(0.001, 20*60*1000, 1)	GeO2_4_30C	attenuatore(0.5)		
		1	1:12		GeO2_4_10p25	allineamento		
		1		13 dmesh(ys, -0.1, 0.1, 20, zs, -0.15, 0.15, 20, 0.2)	GeO2_4_10p25	wrm(ys,zs) = -0.2.0.146		
		1		14 mtimescan(0.001, 60*60*1000, 1)	GeO2_4_10p25	umv(ys,-0.29,zs,0.206) stoppata 3 min alla fine perche' non serviva andare oltre, th(0)		
				15 mtimescan(0.001, 60*60*1000, 1)	GeO2_4_10p25	umv(ys,-0.24,zs,0.206) stoppata dopo 20 min perche' non serviva andare oltre, th(0)		
				16 mtimescan(0.001, 60*60*1000, 1)	GeO2_4_10p25	umv(ys,-0.19,zs,0.206) stoppata dopo 20 min perche' non serviva andare oltre, th(2.4)		
				17 mtimescan(0.001, 60*60*1000, 1)	GeO2_4_10p25	umv(ys,-0.14,zs,0.206) stoppata dopo 20 min perche' non serviva andare oltre, th(0)		
		1	3:4	dscan(ys, -0.5, 0.5, 50, 0.2), dscan(zs, -0.5, 0.5, 50, 0.2)	GeO2_4_8p76	umv(zs, 0.12, ys, -0.18)		
				5 dscan(ys, -0.1, 0.1, 40, 0.2), dscan(zs, -0.1, 0.1, 40, 0.2)	GeO2_4_8p76	-----		
				6 mtimescan(0.001, 20*60*1000, 1)	GeO2_4_8p67	umv(zs, 0.05, ys, -0.2) (delcoup=0.2)		
				7 mtimescan(0.001, 20*60*1000, 1)	GeO2_4_8p67	umv(zs, 0.1, ys, -0.2)		
				8 mtimescan(0.001, 20*60*1000, 1)	GeO2_4_8p67	umv(zs, 0.15, ys, -0.2)		
				9 mtimescan(0.001, 1301228, 1)	GeO2_4_8p76	umv(zs, 0.2, ys, -0.2, delcoup, 5, th, 2,7)		
					Ta2O5			
		1:5				allineamento		
		1	6	dmesh(ys, -0.1, 0.1, 10, zs, -0.15, 0.15, 10, 0.2)	Ta2O5			
		1	7	mtimescan(0.001, 20*60*1000, 1)	Ta2O5	umv(zs,0.15,ys,-0.05)		
		1	8	mtimescan(0.001, 1855153, 1)	Ta2O5	umv(zs,0.2,ys,0)		
		1	11	mtimescan(0.001, 7*60*60*1000, 1)	Ta2O5	umv(zs,0.25,ys,0.05) interrotto stava salvando solo il pilatus, provando a lanciare altre misure adava errore, riavviato l'eiger		
		12-20		prove per verificare il slavataggio corretto				
				mosso per errore z2 a 0.2 (invece di zs), da scan col diodo siamo sul metallo, non sapendo piu come ricentrarlo resta cosi e non si procede con la misura				