current n1 values

	D	F	
Arcs	6.69	7.00	
Beam 1			
IR1	6.51	6.85	
IR2	6.61	6.54	6.44 in Q6R (F)
IR3	6.66	6.35	5.69 in Q6L (F)
IR4	6.69	7.07	
IR5	6.57	6.82	
IR6	6.72	6.93	
IR7	6.54	6.34	
IR8	6.67	6.66	
Beam 2			
IR1	6.59	6.68	
IR2	6.71	6.50	
IR3	6.16	6.24	5.52 in Q6R (F)
IR4	6.57	7.08	
IR5	6.58	6.78	
IR6	6.70	6.94	
IR7	6.45	6.96	
IR8	6.61	6.71	

n1 values obtained after rematching

	V6.500		rematched		
	D	F	D	F	
Beam 1					
IR2	6.61	6.54	6.62	6.99	6.44 in Q6R (F)
IR7	6.54	6.34	6.69	6.94	
Beam 2					
IR3	6.16	6.24	6.61	6.50	5.52 in Q6R (F)
IR7	6.45	6.96	6.59	7.11	

IR2(B2) and IR8 yet to be done

bottlenecks in IR2, B1
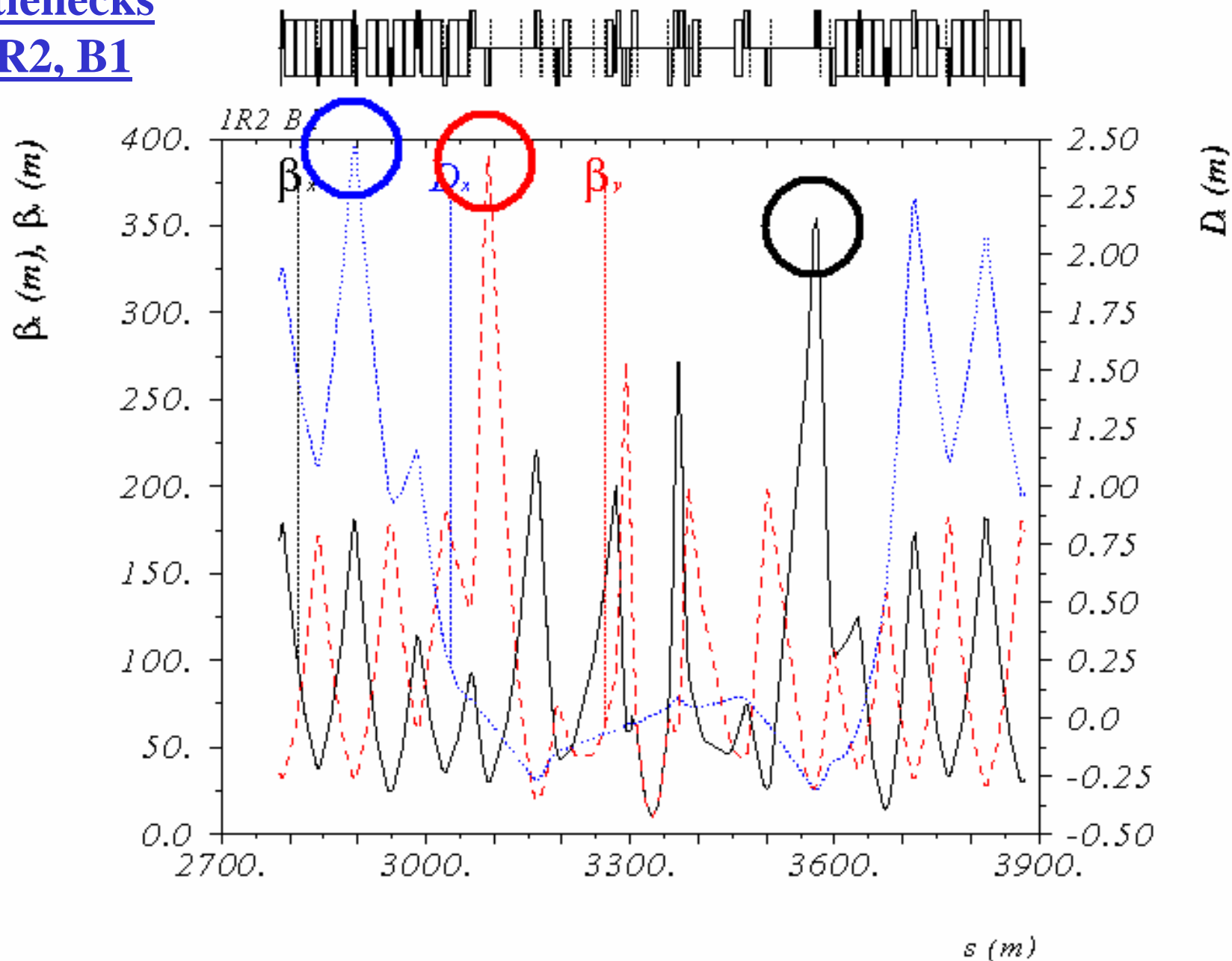
Q4-Q5-Q6 aperture comparison in IR2 V6.500

(crossing scheme = ON, xtol=ytol=0)

* NAME	N1	APER_1	APER_2	
"MQML.6L2.B1"	6.726808	0.017650	0.022550	
"MQY.B5L2.B1"	8.702673	0.022550	0.017650	**-- injection**
"MQY.B4L2.B1"	11.830470	0.017650	0.022550	
"MQY.B4R2.B1"	12.175093	0.022550	0.017650	
"MQM.B5R2.B1"	9.504488	0.017650	0.022550	
"MQML.6R2.B1"	6.826693	0.022550	0.017650	

Type MQY should have been used also for Q6