

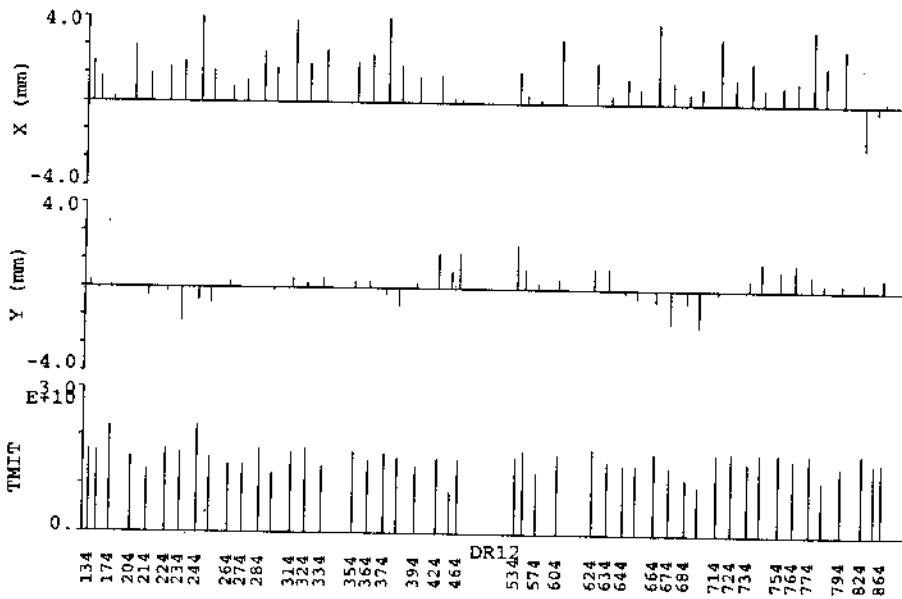
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CURRENT EMITTANCE VARIABLE VALUES
 Thick Lens Calculation

	QUAD DR13 124		WIRE DR13 164	
Y emittance:	3.77E-10	+-4.9E-12 m-r	3.77E-10	+-4.9E-12 m-r
-normalized:	8.77E-07	+-0.0E+00 m-r	8.77E-07	+-0.0E+00 m-r
alpha Y:	-1.78E+01	+-3.7E-01	-1.05E+00	+-2.2E-02
beta Y:	5.21E+00	+-1.1E-01 m	3.16E+00	+-5.0E-02 m
Y plane sigma:	1.96E-09	6.70E-09	1.19E-09	3.97E-10
	6.70E-09	2.29E-08	3.97E-10	2.52E-10
Y sigma errors:	5.60E-11	1.89E-10	2.49E-11	1.19E-11
	1.89E-10	6.37E-10	1.19E-11	7.40E-12
Transfer matrix from quad entrance to monitor:				
	1.80597E+01	6.77459E+00	0.00000E+00	0.00000E+00
	3.37465E+00	1.32128E+00	0.00000E+00	0.00000E+00
	0.00000E+00	0.00000E+00	-1.29429E+01	3.70101E+00
	0.00000E+00	0.00000E+00	-2.75254E+00	7.09823E-01
Transfer matrix from quad exit to monitor:				
	1.00000E+00	4.96005E+00	0.00000E+00	0.00000E+00
	-9.12444E-08	1.00000E+00	0.00000E+00	0.00000E+00
	0.00000E+00	0.00000E+00	1.00000E+00	4.96005E+00
	0.00000E+00	0.00000E+00	1.09500E-07	1.00000E+00

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Electrons BPM vs Z (INJ ELEC) DR TURNS=9999
 PP=11, Bunch#=1, Bunch delay=0.000 ns, TS=ANY, NAVG=K,Y RMS= 1.801 0.8



VETO DISABLED

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