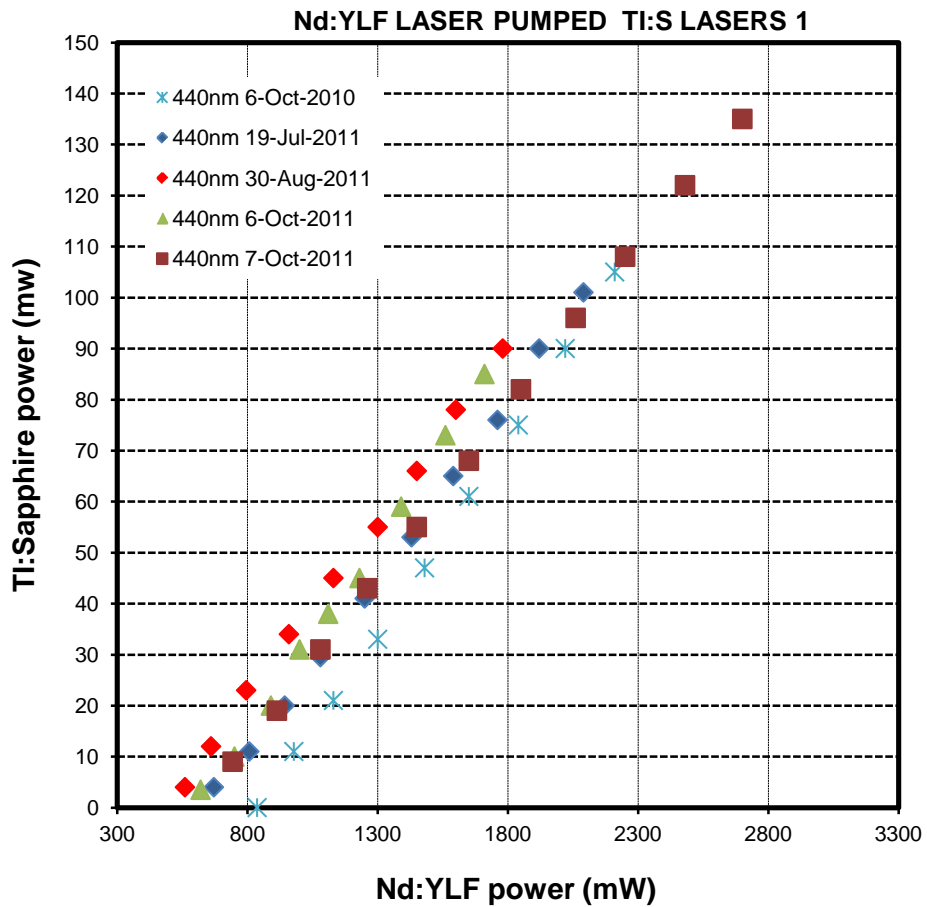
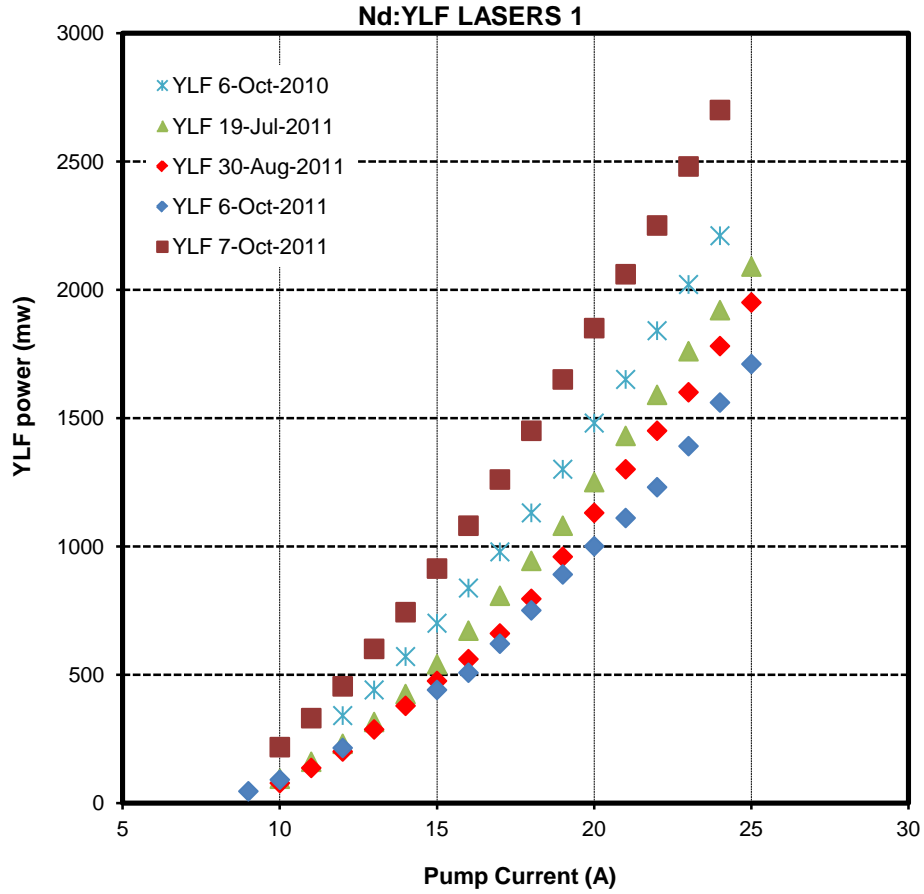


Laser1

ETM=34741 hrs. new lamp, new crystal



Current	YLF	440nm
A	7-Oct-2011	7-Oct-2011
10	217	
11	330	
12	454	
13	600	T
14	743	9
15	913	19
16	1080	31
17	1260	43
18	1450	55
19	1650	68
20	1850	82
21	2060	96
22	2250	108
23	2480	122
24	2700	135

1) polarizer, Cyl Lens and Spherical lens

A	power W
10	1.3
15	14.5
20	31
25	49.5

2) + Qswitch

CW ok : 14.1W @ 15 A

RF ON, no PRF: Hold off OK

1KHz:

A	power W	
10	0.6	
15	7	
20	14.6	
25	22.6	pulse stable ok

4) + Ht/Hr + LBO

A	power W
10	0.8

5) 1KHz

A	power (W)
10	0.5
15	6
20	13.4
25	21.8

5) Back to normal, remove 12% T mirror, 100Hz

calibration. Pulse stable.