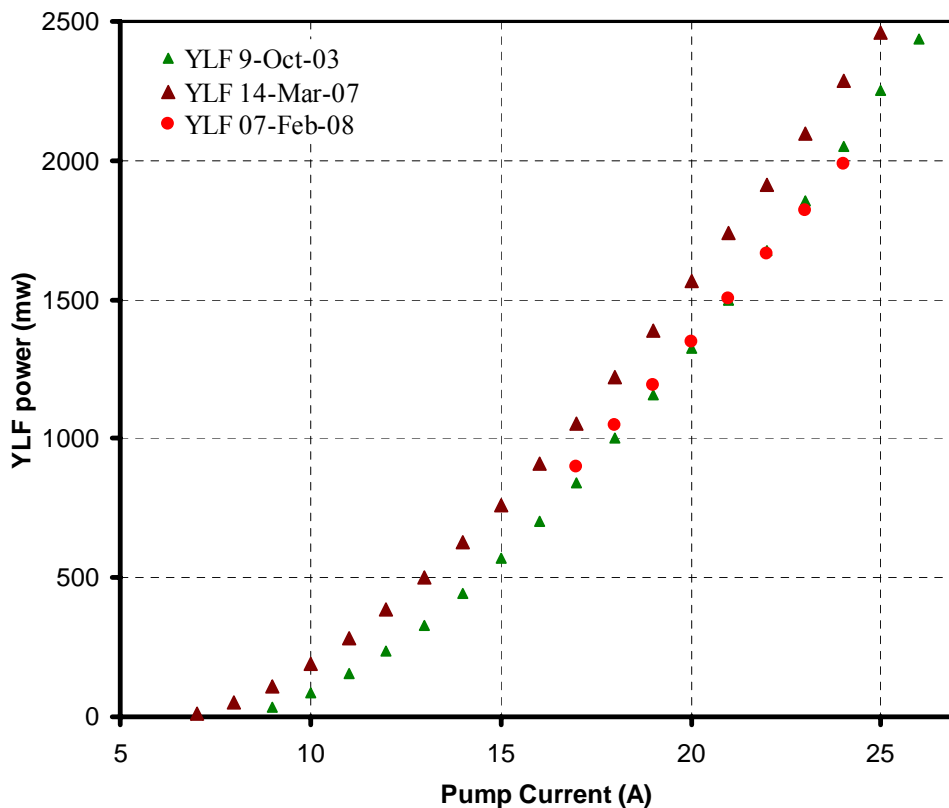
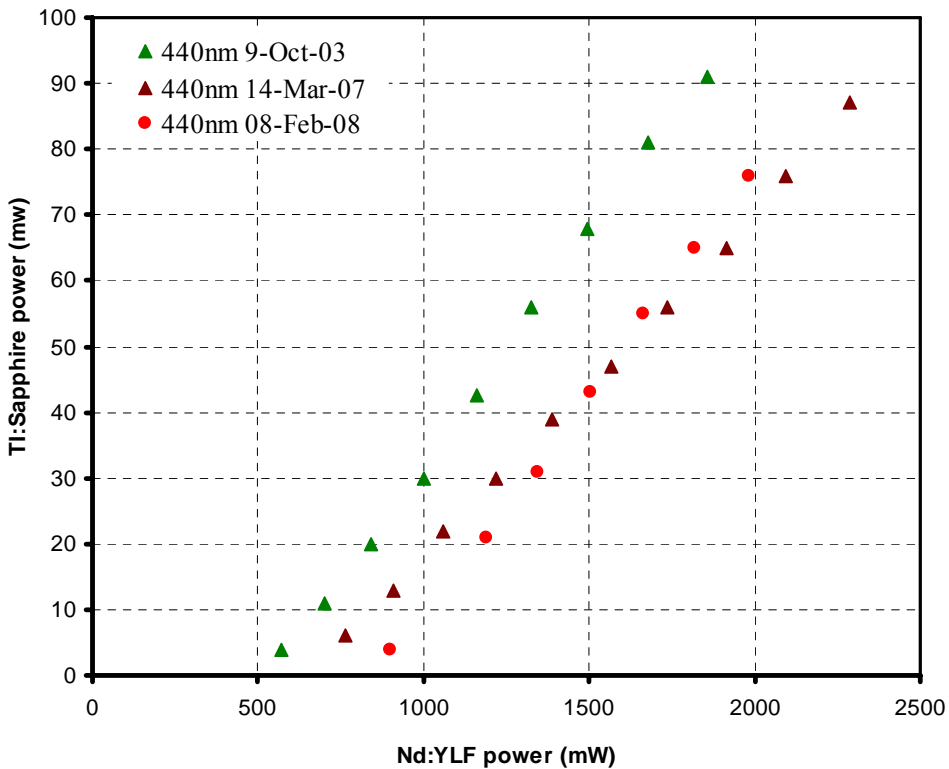


New YLF LBO → water pipe connector broken

Nd:YLF LASERS 2



Nd:YLF LASER PUMPED TI:S LASERS 2



Detail of TiS tuning

1) No Q-Switch, no $\lambda/4$

current blue mW

13.6	T blue
15	9
17	28
19	47
21	67
22	78
23	88
24	97

2) + Q-Switch but no HV, no $\lambda/4$

current blue mW

14.4	T blue
17	15
19	33
21	55
22	64
23	75

3) +HV, $\lambda/4$

problem: go lasing with Trigger disconnected (20A)

solution: rotate the $\lambda/4$ plate and tune again.

power decrease of 10mW by rotating the $\lambda/4$ plate.