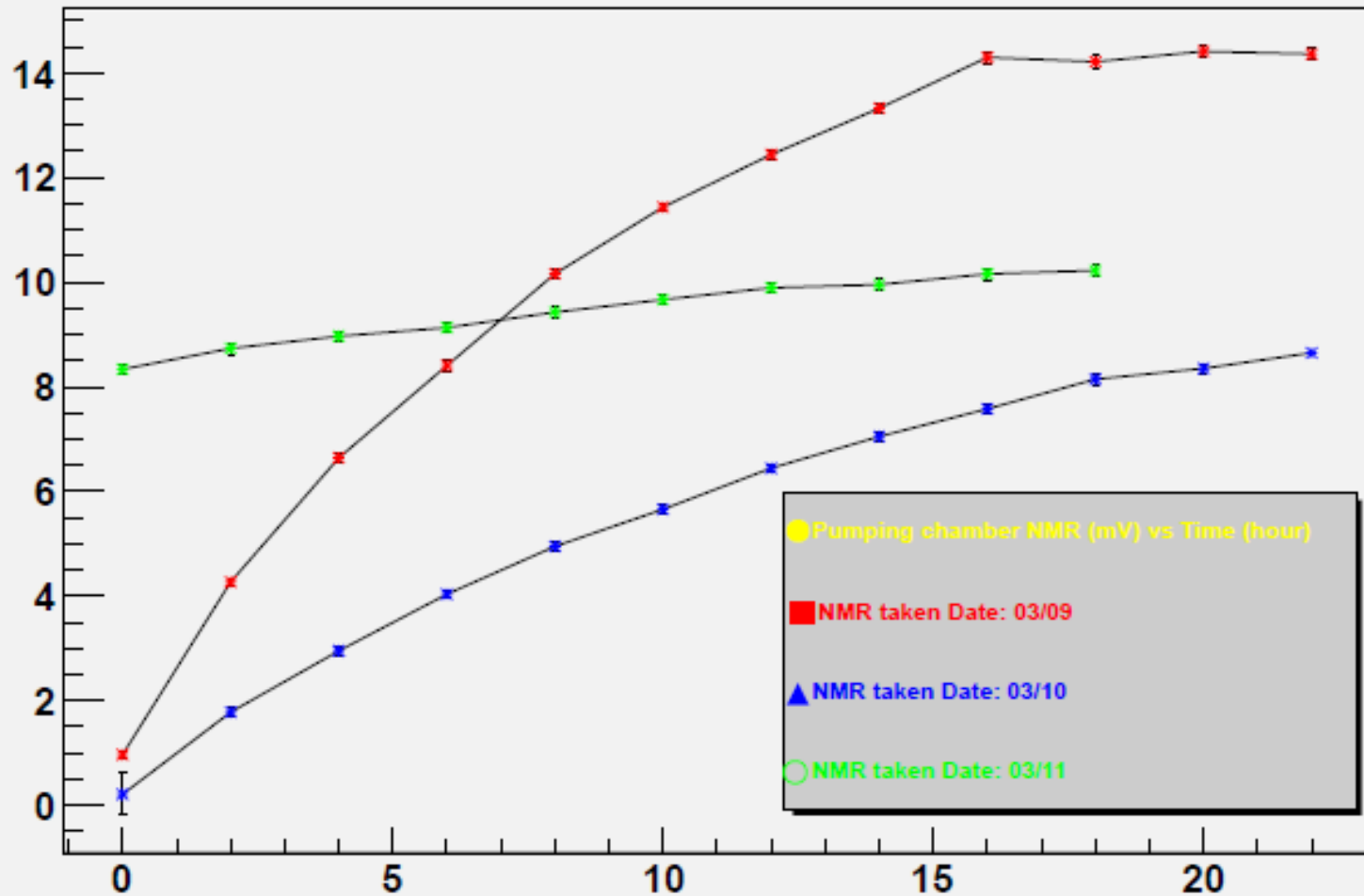


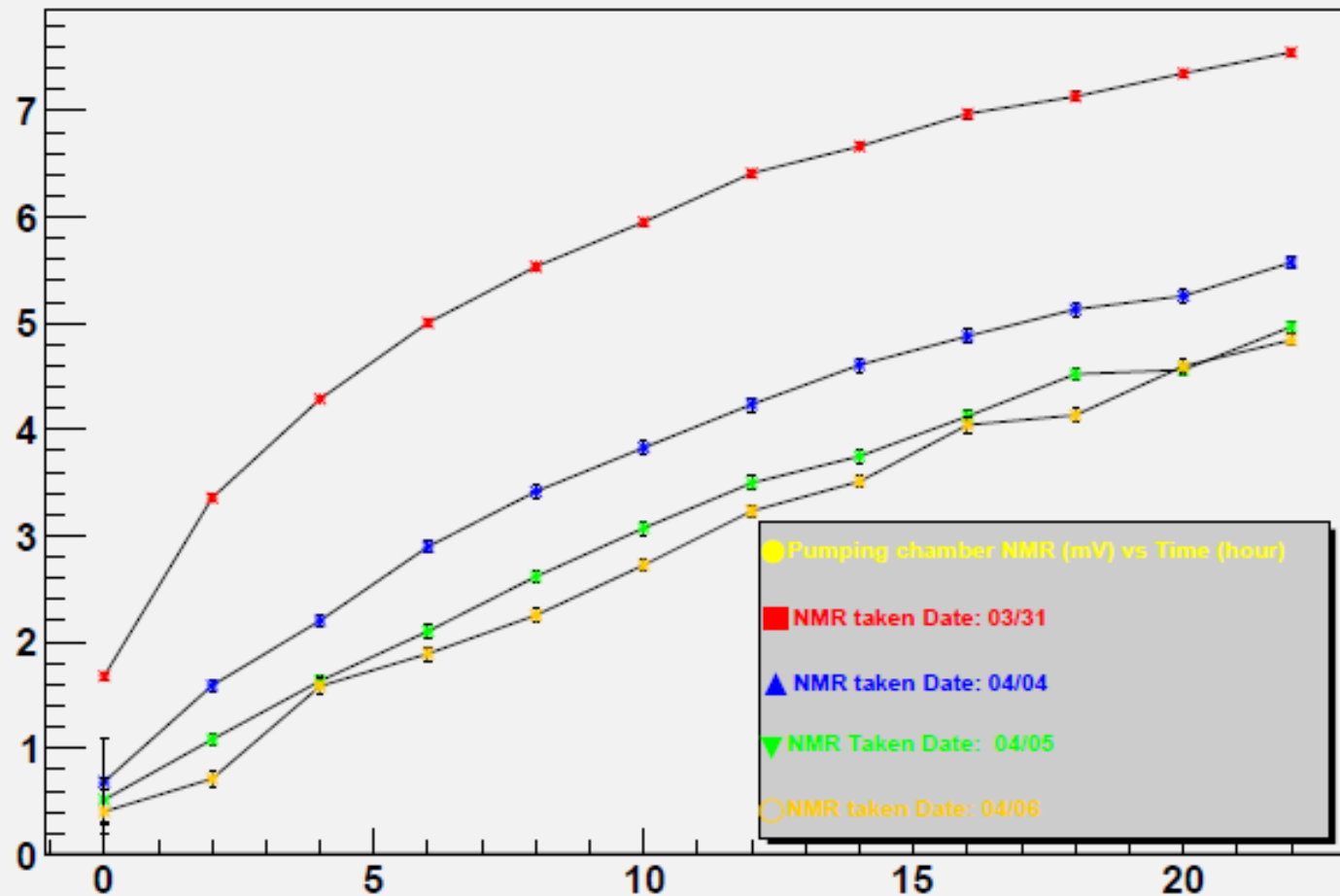
1. Oven 240°C , spin up, air conditioner not work during the time.
Pumping Chamber temp. and Target Chamber temp. were the same in the test.



2. Oven 240°C, corresponding EPR

Date taken	Time from starting of spin up (hour)	Frequency shift (KHz)	Pumping chamber Polarization	Calibration Constant (%/Mv)	comments
03/09	~30	48.28	42.07%	2.384	
03/10	~22	33.22	28.96%	2.428	Spin up taken on 03/09
03/11	~23	22.19	19.33%	2.448	Spin up taken On 03/10
03/12	~23 +19	27.01	23.53	2.475	Continue spin up after EPR 03/11

3. Oven 230°C , spin up, air conditioner fixed, checked optics.

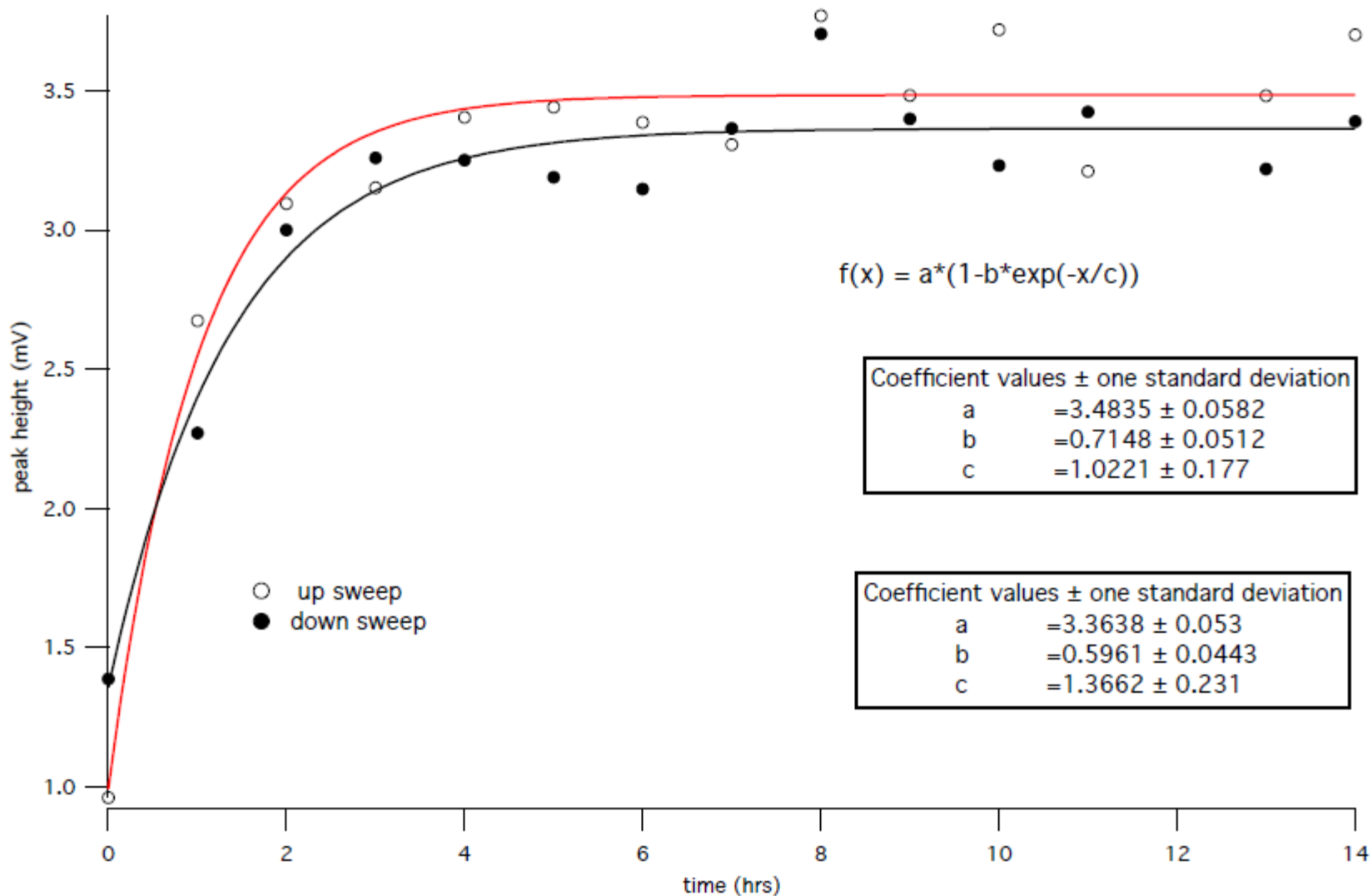


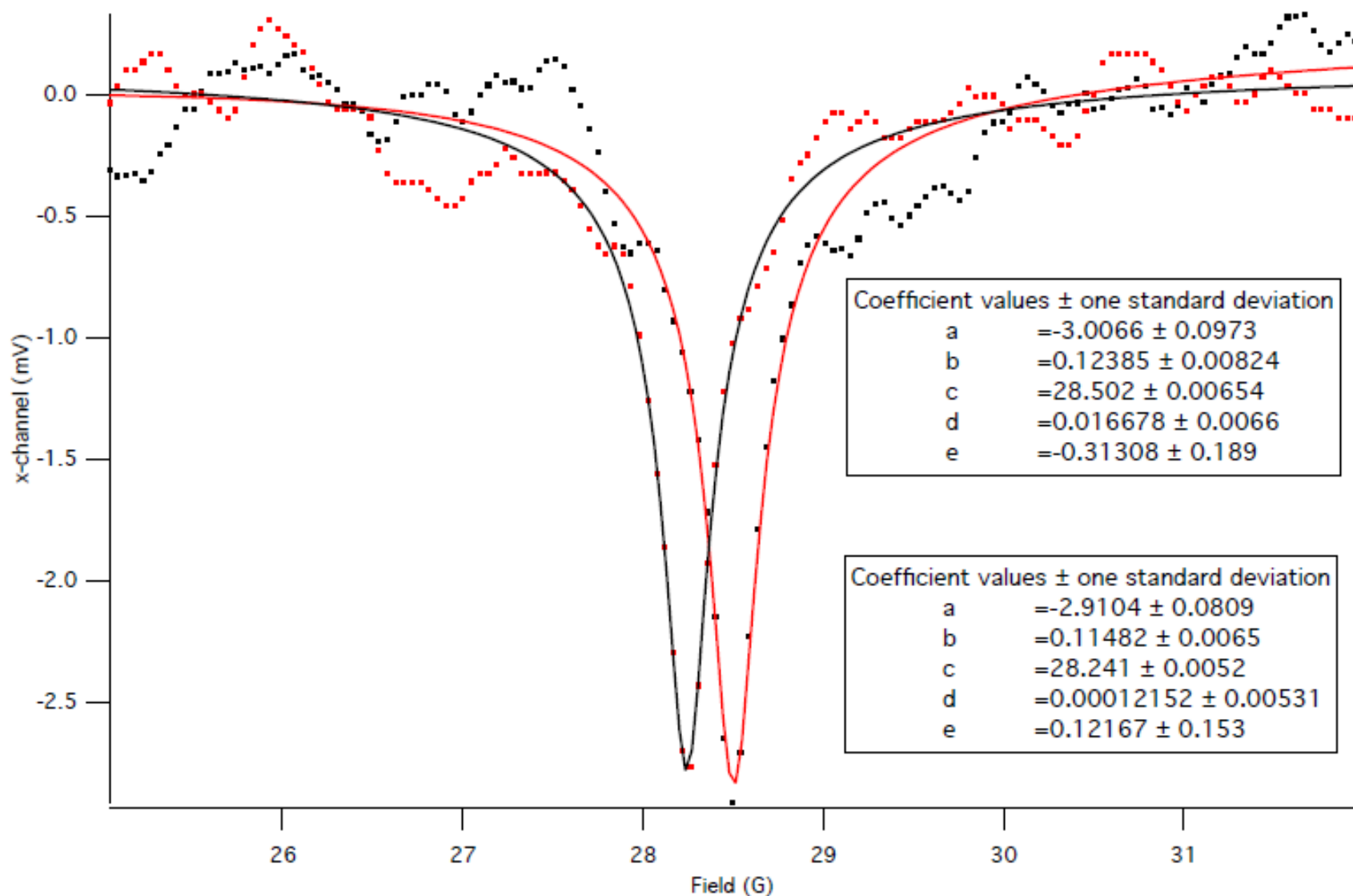
4. Oven 230°c, corresponding EPR

Date taken	Time from staring of spin up (hour)	Frequency shift (KHz)	Pumping chamber Polarization	Calibration Constant (%/Mv)	comments
04/02	~36	20.86	18.36%	2.158	Air conditoner fixed, spin up on 03/31
04/05	~28	~15			Not stable, Spin up 04/04
04/06	~24	~13			Spin up taken On 04/05
04/08	~44	15.30	13.37%	2.107	Laser change to 30 A ,Spin up on 04/06

5. W&M cell:

Name: Gravy Glass: Pyrex Alkali: 5:1 (K:Rb) [3He]=1.0 amg [N2]=0.1 amg
Pumping chamber diameter=58 mm





6. Oven 230°C , corresponding AFP loss

	dB/dt (G/s)	H1 (mG)	AFP loss (%)	σ (%)	# of sweep
JLab	1.2	85	12	1.1	12
	3	85	8.9	1.3	9
	3	125	8.9	1.3	9
	4	85	5.4	1.4	9
	5	85	3.6	1.4	10
W&M	1.2	150	16.7	0.2	7
	3	77	5.5	0.5	4