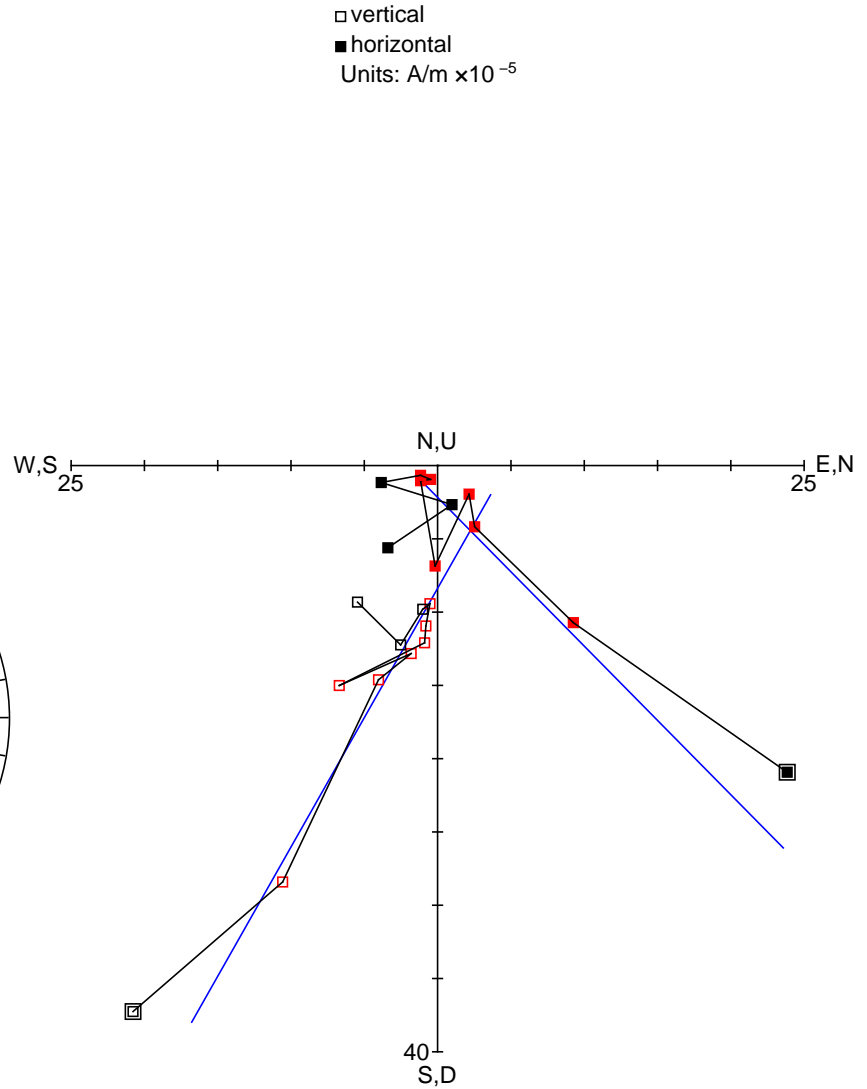
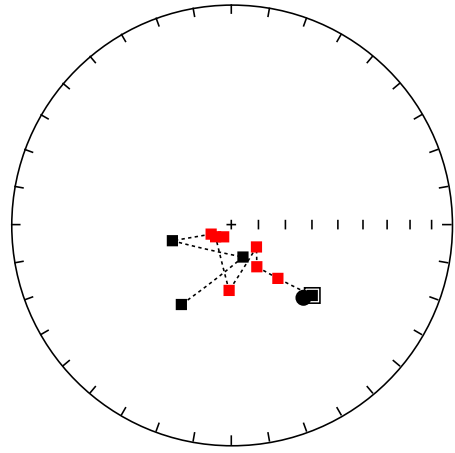
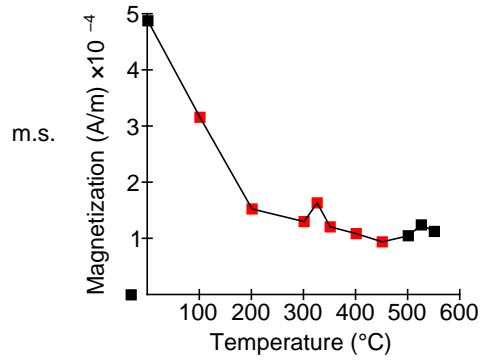


Supplementary Table IV: Thermal demagnetization data of core RL13 samples

Sample: 4472.0

PCA dec 135.40 / inc 51.48
 PCA MAD1 25.41 / MAD3 12.36
 $(-0.37 \ 0.15 \ 1.47)e-4 + (-0.44 \ 0.44 \ 0.78)t$

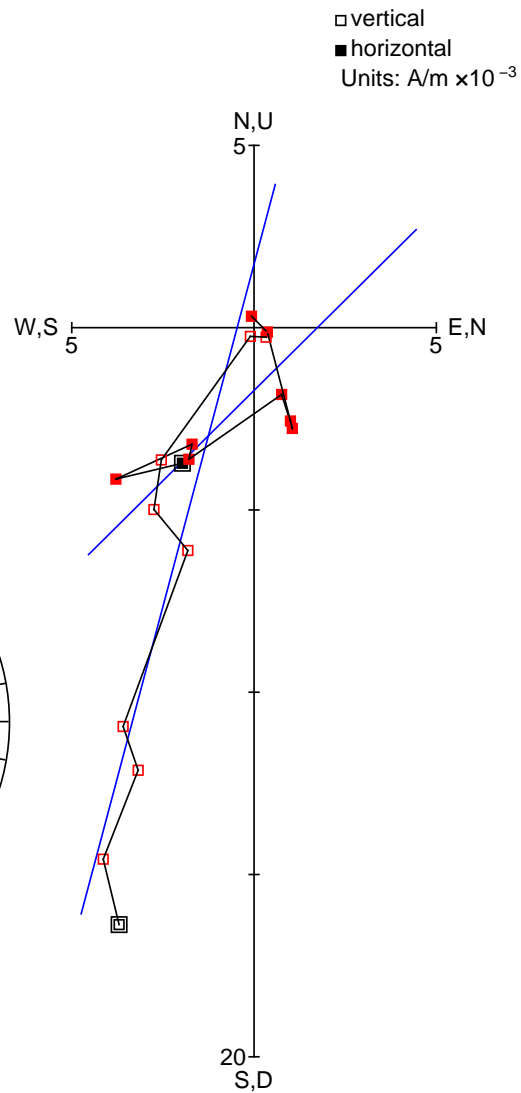
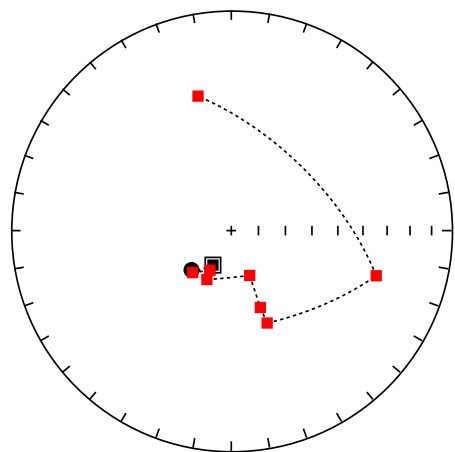
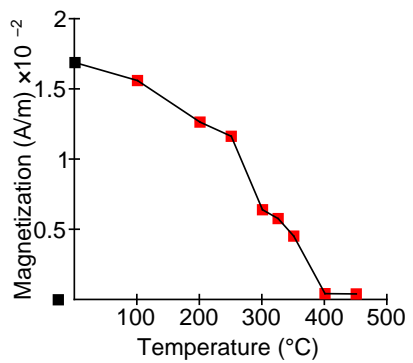
temp.	dec.	inc.	int.
0	131.2	49.6	4.88e-04
* 100	139.1	63.6	3.16e-04
* 200	148.8	71.8	1.53e-04
* 300	131.6	77.6	1.30e-04
* 325	181.9	65.6	1.64e-04
* 350	232.2	82.7	1.21e-04
* 400	211.9	84.7	1.09e-04
* 450	244.7	81.8	9.43e-05
500	254.7	67.4	1.05e-04
525	160.2	77.3	1.24e-04
550	212.0	54.8	1.13e-04



Sample: 6044.0

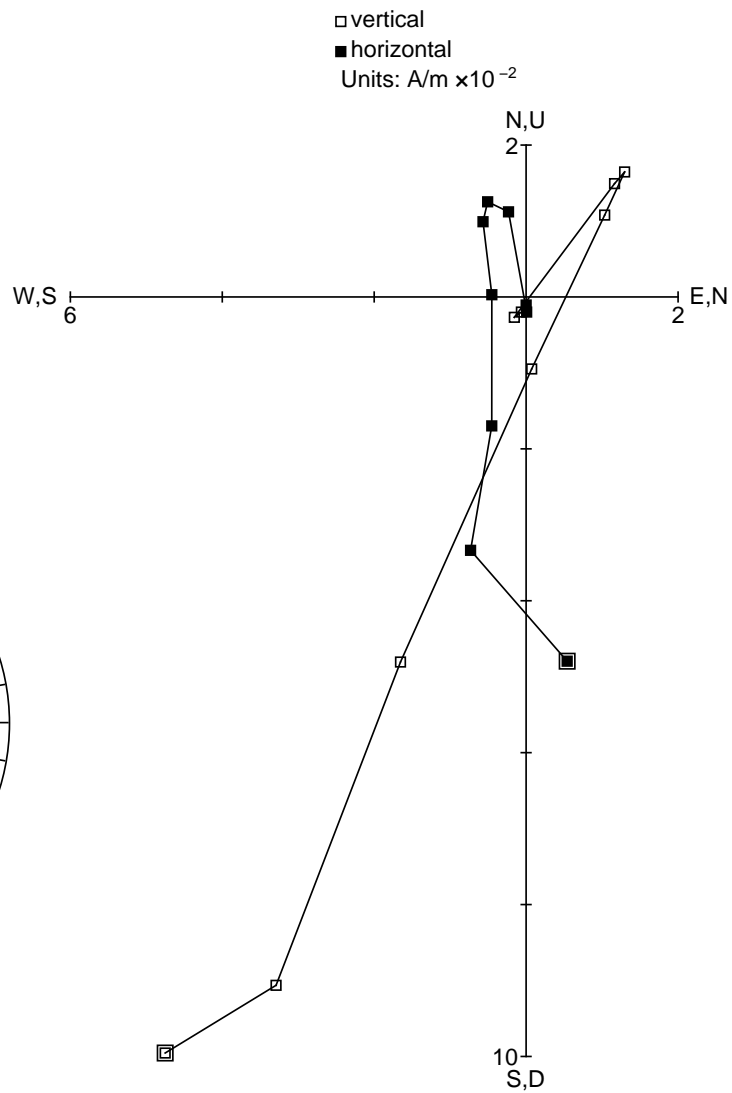
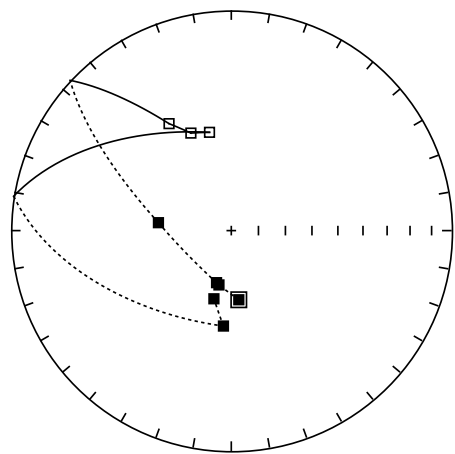
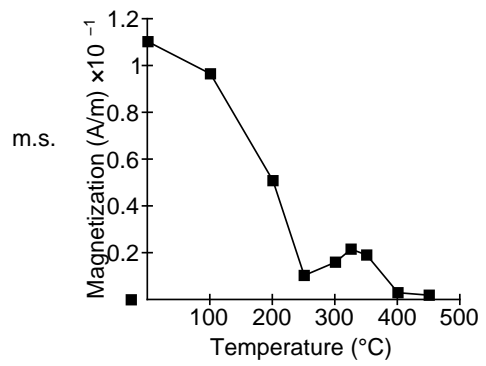
PCA dec 225.23 / inc 69.30
 PCA MAD1 22.92 / MAD3 11.66
 $(-2.23 \ -0.53 \ 6.60)e-3 + (-0.25 \ -0.25 \ 0.94)t$

	temp.	dec.	inc.	int.	m.s.
	0	208.0	75.6	1.69e-02	
*	100	222.5	68.9	1.56e-02	
*	200	208.2	73.4	1.27e-02	
*	250	206.5	69.8	1.16e-02	
*	300	157.7	72.1	6.41e-03	
*	325	159.3	59.4	5.78e-03	
*	350	158.8	52.9	4.54e-03	
*	400	107.3	31.7	4.38e-04	
*	450	346.1	37.2	4.16e-04	



Sample: 6115.0

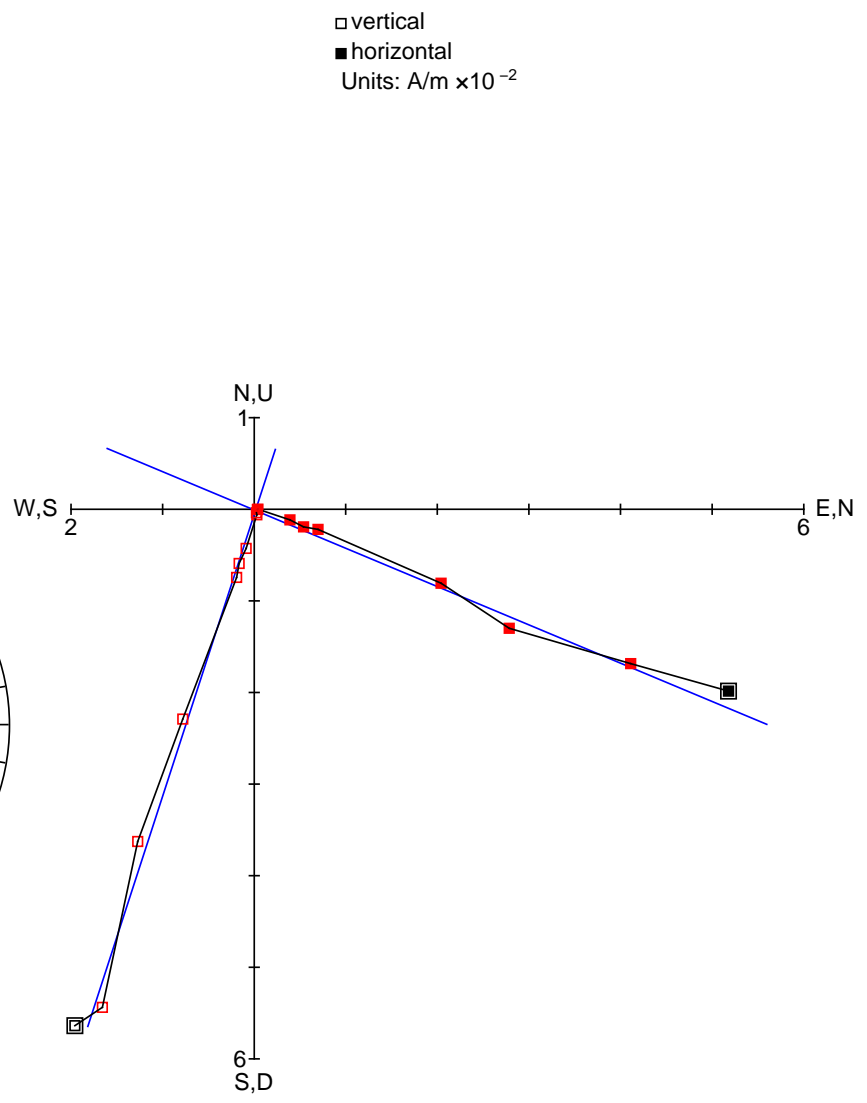
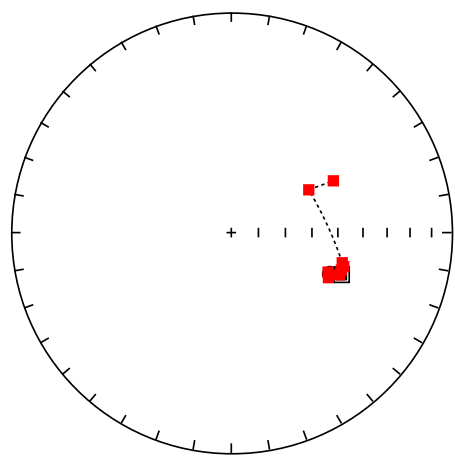
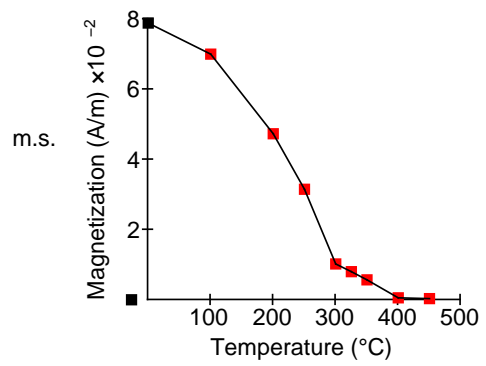
temp.	dec.	inc.	int.
0	173.8	64.2	1.10e-01
100	192.8	69.4	9.66e-02
200	195.8	70.0	5.09e-02
250	276.2	62.8	1.04e-02
300	329.8	-43.2	1.61e-02
325	337.5	-50.4	2.16e-02
350	347.5	-52.3	1.91e-02
400	184.7	54.2	3.03e-03
450	194.3	63.9	1.97e-03



Sample: 6144.0

PCA dec 112.69 / inc 49.89
 PCA MAD1 31.03 / MAD3 1.86
 (-0.25 0.59 0.76)t

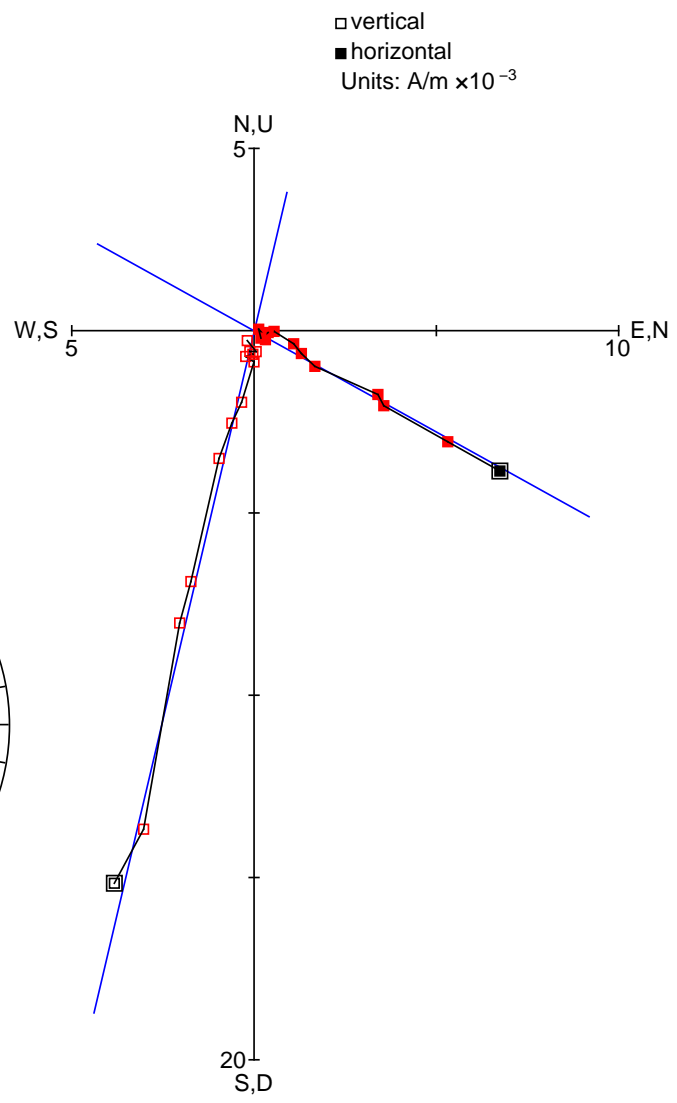
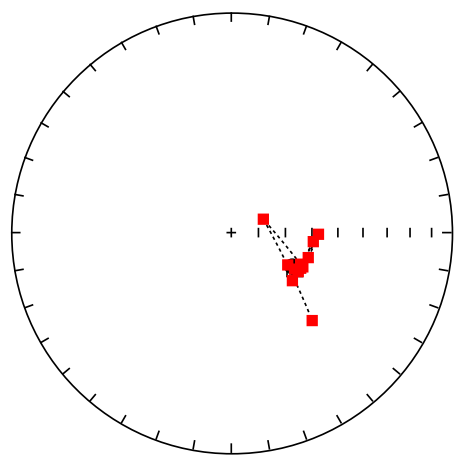
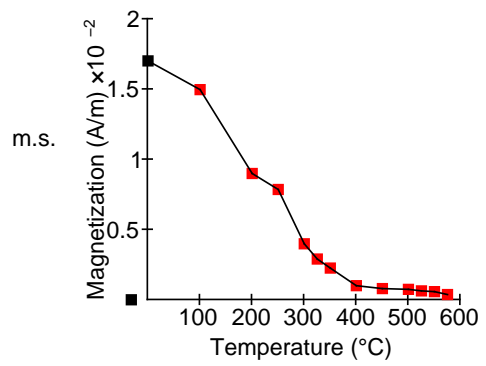
	temp.	dec.	inc.	int.
	0	110.9	45.5	7.89e-02
*	100	112.2	50.8	7.00e-02
*	200	114.9	49.8	4.73e-02
*	250	111.4	46.3	3.15e-02
*	300	106.8	45.7	1.02e-02
*	325	108.8	46.2	8.01e-03
*	350	105.2	46.7	5.68e-03
*	400	61.1	57.0	5.57e-04
*	450	63.1	46.9	3.34e-04



Sample: 6180.0

PCA dec 119.03 / inc 64.14
 PCA MAD1 27.32 / MAD3 2.52
 (-0.21 0.38 0.90)t

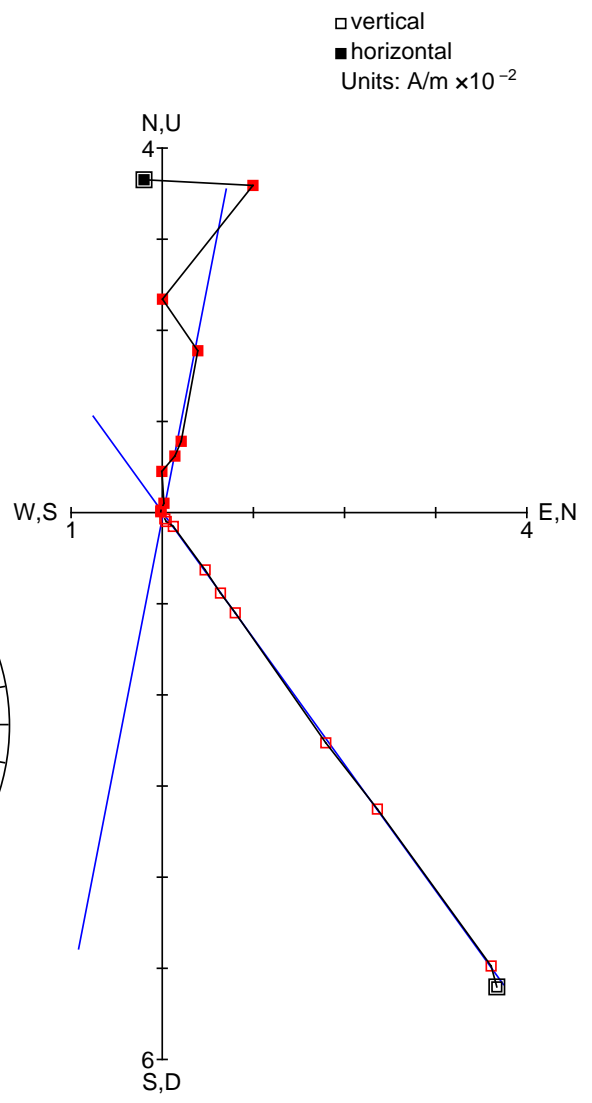
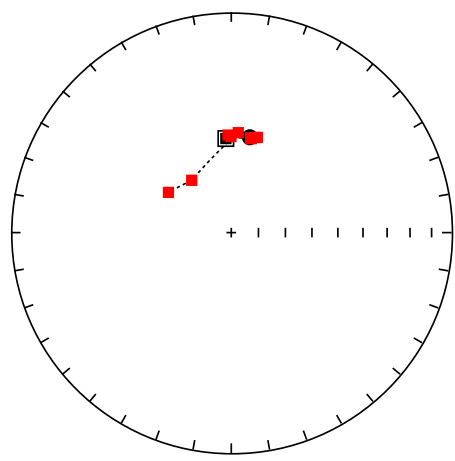
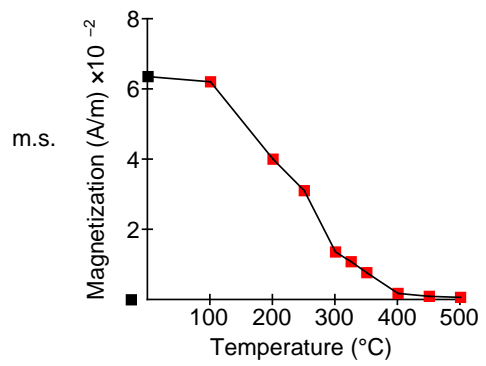
	temp.	dec.	inc.	int.
	0	119.7	62.9	1.70e-02
*	100	119.8	65.9	1.50e-02
*	200	120.0	62.9	9.00e-03
*	250	117.2	61.0	7.86e-03
*	300	120.3	61.2	3.99e-03
*	325	115.6	60.5	2.90e-03
*	350	108.0	59.9	2.26e-03
*	400	91.1	57.5	1.00e-03
*	450	128.2	61.1	7.98e-04
*	500	96.3	59.3	7.43e-04
*	525	114.5	61.7	6.34e-04
*	550	67.3	77.2	5.81e-04
*	575	137.4	44.9	3.74e-04



Sample: 6253.0

PCA dec 10.99 / inc 53.68
 PCA MAD1 4.83 / MAD3 3.88
 (0.58 0.11 0.81)t

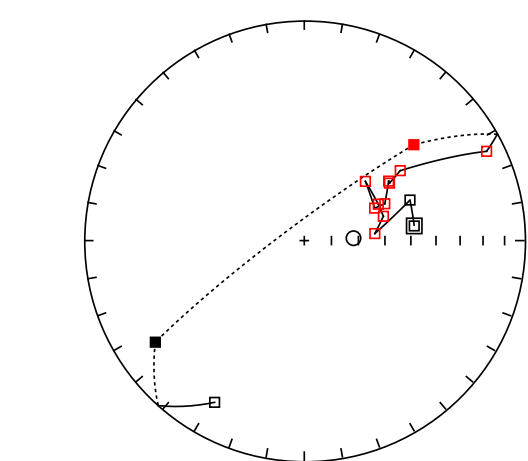
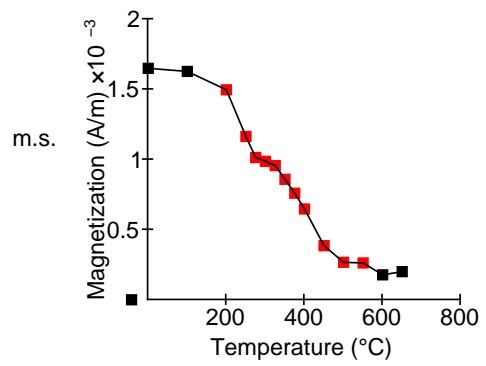
	temp.	dec.	inc.	int.
	0	356.7	54.8	6.36e-02
*	100	15.3	53.1	6.21e-02
*	200	359.8	54.1	4.01e-02
*	250	12.0	54.1	3.11e-02
*	300	14.0	53.3	1.36e-02
*	325	11.5	53.8	1.08e-02
*	350	358.1	53.5	7.73e-03
*	400	4.0	52.5	1.82e-03
*	450	322.9	65.7	9.87e-04
*	500	302.6	62.3	6.89e-04



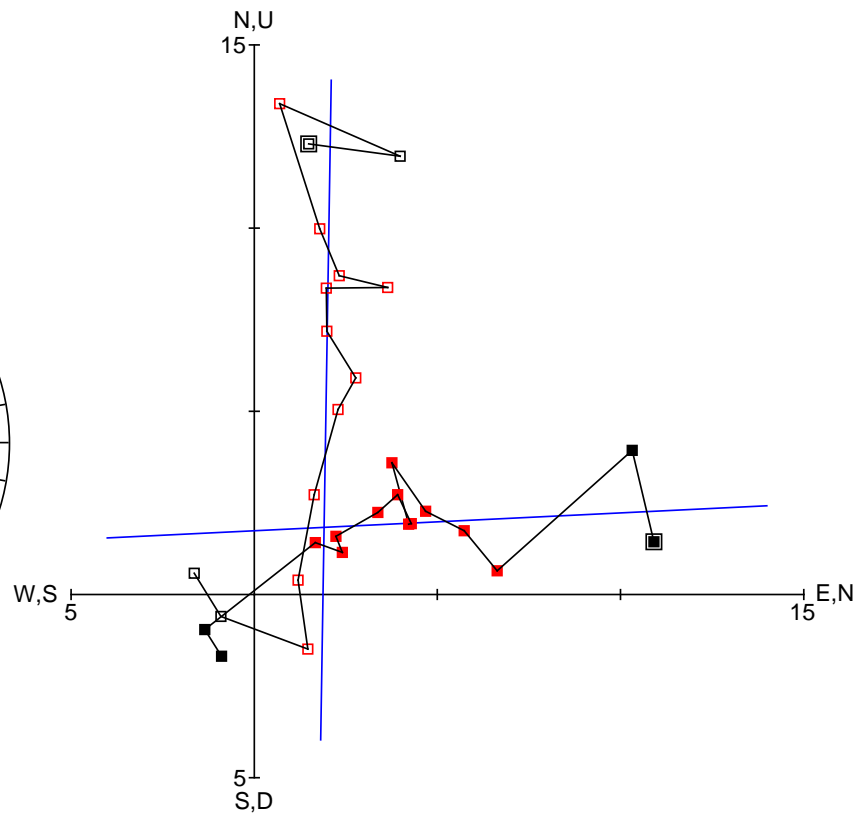
Sample: 6290.0

PCA dec 87.21 / inc -71.81
 PCA MAD1 19.73 / MAD3 11.06
 (1.94 3.86 -6.25)e-4 + (0.02 0.31 -0.95)t

temp.	dec.	inc.	int.
0	82.4	-48.3	1.65e-03
100	69.0	-47.4	1.63e-03
* 200	84.3	-63.7	1.50e-03
* 250	72.9	-59.2	1.16e-03
* 275	63.8	-59.3	1.01e-03
* 300	45.9	-58.3	9.86e-04
* 325	65.2	-61.2	9.56e-04
* 350	65.4	-57.0	8.58e-04
* 375	54.8	-51.3	7.59e-04
* 400	56.0	-51.5	6.47e-04
* 450	53.9	-45.2	3.85e-04
* 500	63.9	-8.7	2.67e-04
* 550	48.8	34.3	2.62e-04
600	235.7	19.3	1.78e-04
650	209.0	-17.2	2.00e-04



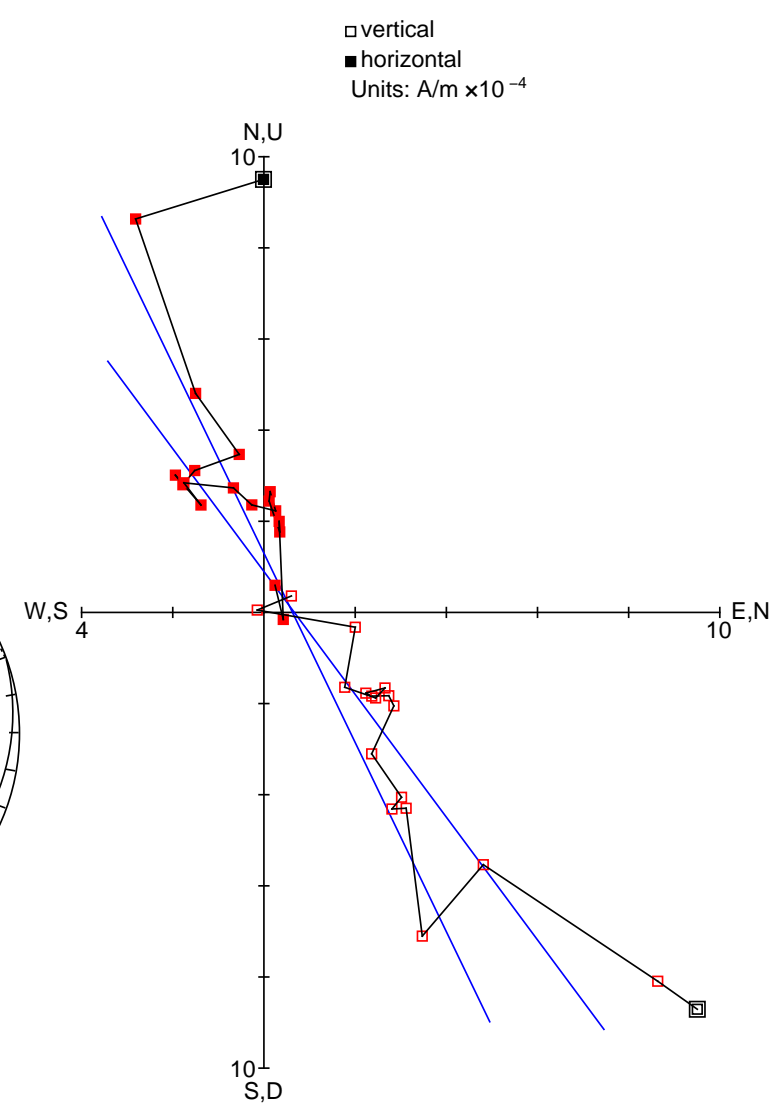
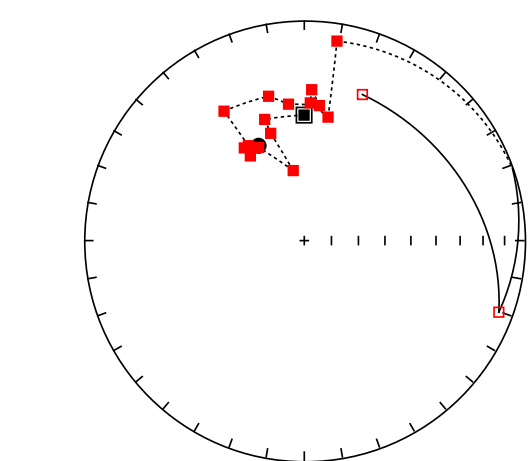
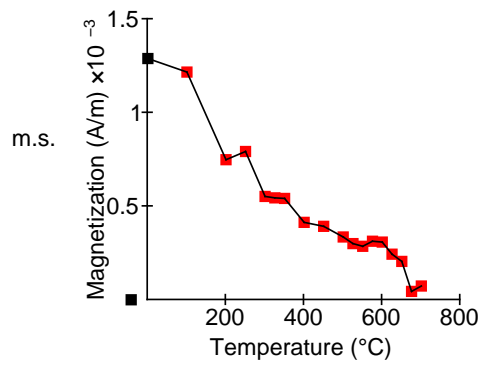
□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-4}$



Sample: 6313.0

PCA dec 334.27 / inc 50.50
 PCA MAD1 38.38 / MAD3 18.59
 (2.80 -0.73 2.89)e-4 + (0.57 -0.28 0.77)t

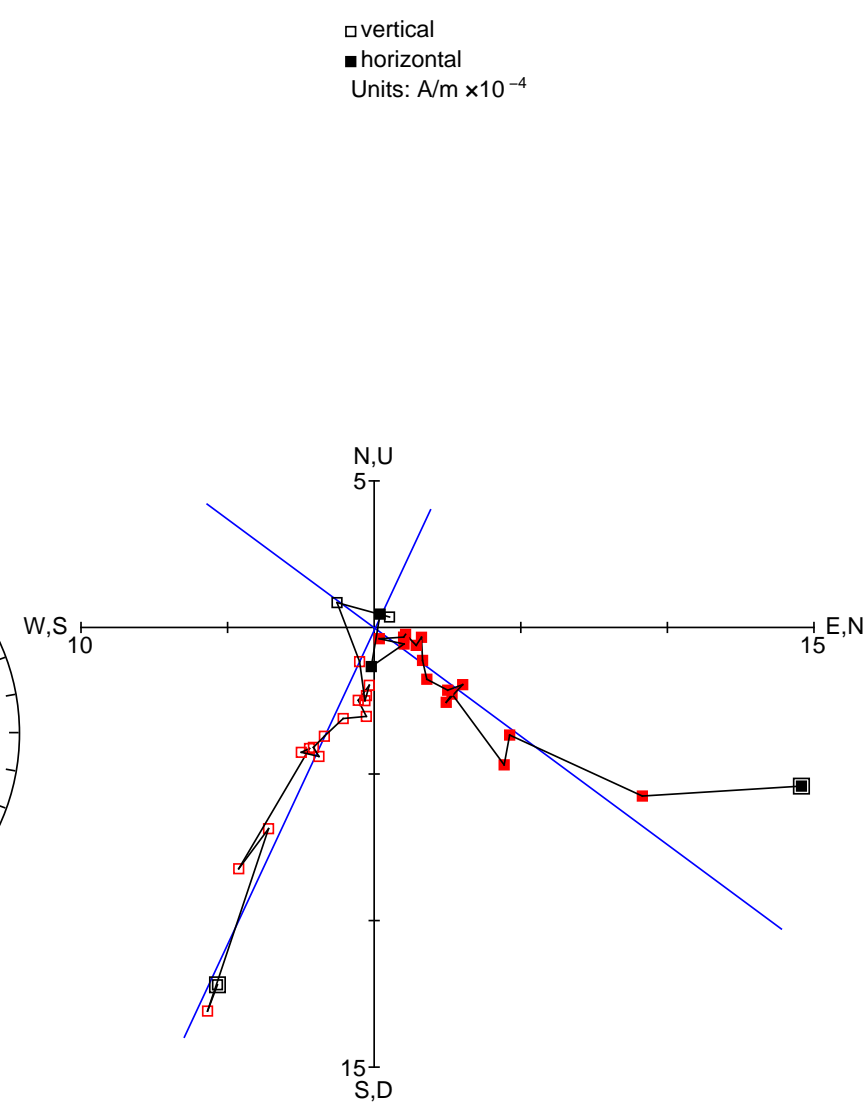
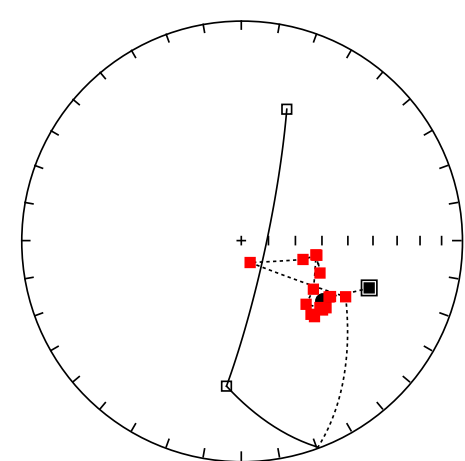
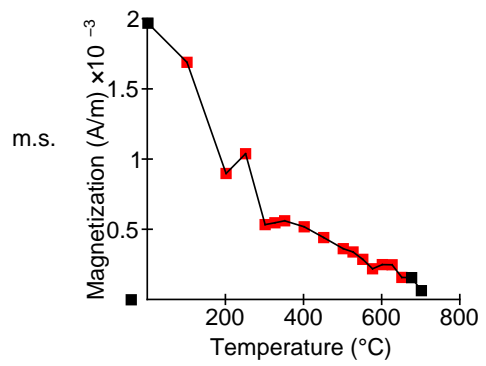
	temp.	dec.	inc.	int.
	0	359.9	42.5	1.29e-03
*	100	341.9	41.7	1.22e-03
*	200	342.6	47.7	7.48e-04
*	250	351.0	63.7	7.92e-04
*	300	333.9	51.1	5.52e-04
*	325	327.5	52.4	5.44e-04
*	350	327.1	48.5	5.41e-04
*	400	329.5	48.6	4.14e-04
*	450	328.2	31.5	3.92e-04
*	500	346.1	33.0	3.36e-04
*	525	353.4	37.7	3.00e-04
*	550	6.4	38.3	2.86e-04
*	575	2.8	32.0	3.13e-04
*	600	2.5	37.5	3.08e-04
*	625	10.9	42.4	2.44e-04
*	650	9.3	9.1	2.05e-04
*	675	110.2	-6.6	4.48e-05
*	700	21.7	-29.4	7.36e-05



Sample: 6364.0

PCA dec 126.50 / inc 51.88
 PCA MAD1 41.60 / MAD3 5.94
 (-0.37 0.50 0.79)t

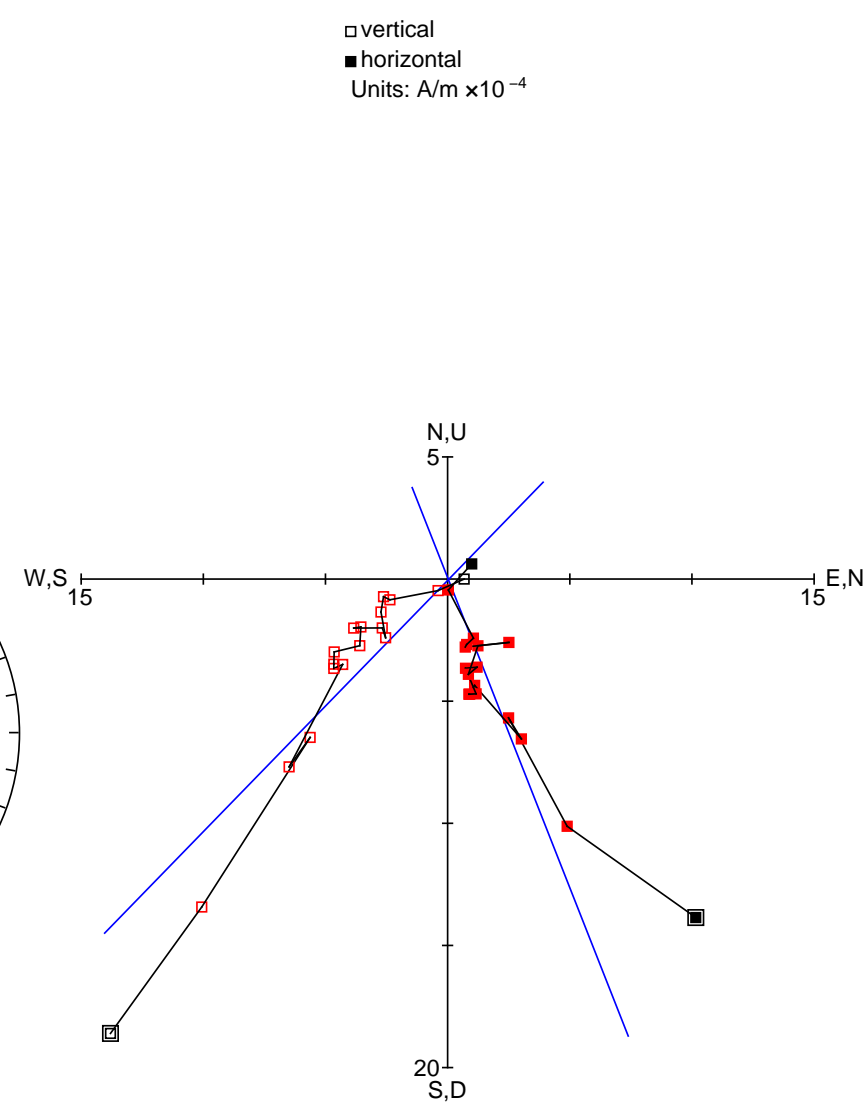
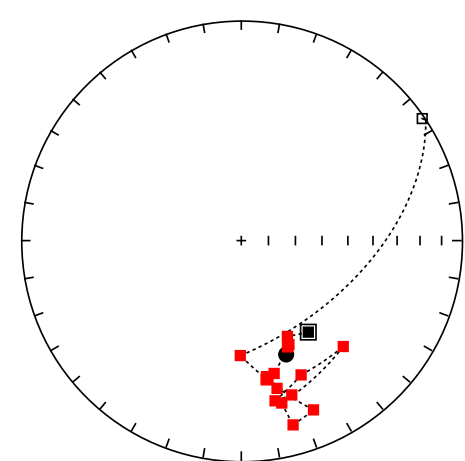
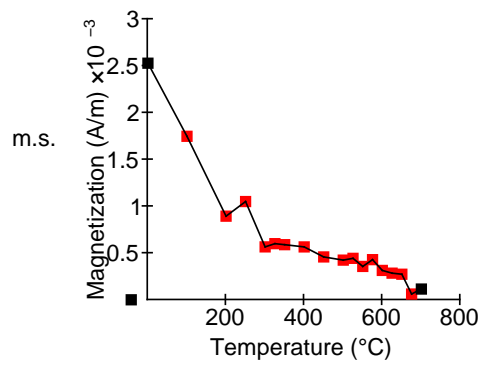
	temp.	dec.	inc.	int.
	0	110.3	38.1	1.97e-03
*	100	122.1	50.5	1.69e-03
*	200	128.4	49.4	9.00e-04
*	250	136.6	52.0	1.04e-03
*	300	130.5	49.9	5.35e-04
*	325	136.1	50.4	5.49e-04
*	350	122.7	50.9	5.63e-04
*	400	130.4	51.3	5.20e-04
*	450	134.5	56.1	4.43e-04
*	500	124.0	57.6	3.64e-04
*	525	100.8	61.8	3.41e-04
*	550	112.4	58.3	2.88e-04
*	575	101.0	61.4	2.21e-04
*	600	107.0	66.1	2.51e-04
*	625	158.0	81.3	2.49e-04
*	650	118.3	45.3	1.59e-04
*	675	185.8	-34.0	1.58e-04
*	700	19.1	-37.0	6.49e-05



Sample: 6385.0

PCA dec 158.50 / inc 43.74
 PCA MAD1 24.85 / MAD3 9.84
 (-0.67 0.26 0.69)t

	temp.	dec.	inc.	int.
	0	143.8	47.3	2.53e-03
*	100	154.3	50.1	1.75e-03
*	200	156.5	46.3	8.94e-04
*	250	155.4	46.9	1.05e-03
*	300	166.1	37.9	5.65e-04
*	325	169.5	37.3	6.00e-04
*	350	169.9	36.0	5.89e-04
*	400	166.4	31.6	5.65e-04
*	450	169.1	36.2	4.58e-04
*	500	161.9	27.2	4.24e-04
*	525	168.1	26.6	4.43e-04
*	550	156.0	33.7	3.56e-04
*	575	136.1	33.7	4.29e-04
*	600	166.0	25.0	3.14e-04
*	625	164.3	14.2	2.85e-04
*	650	156.9	17.6	2.73e-04
*	675	180.5	46.7	6.18e-05
*	700	56.0	-1.1	1.15e-04

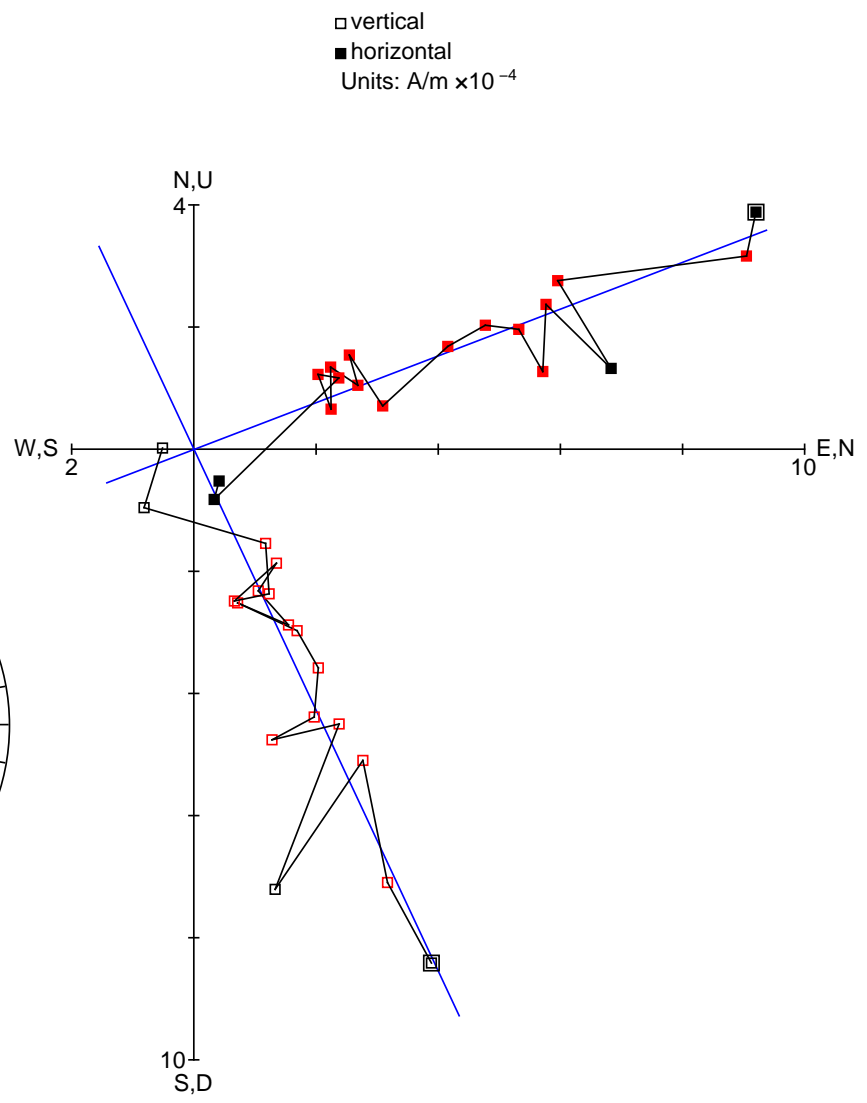
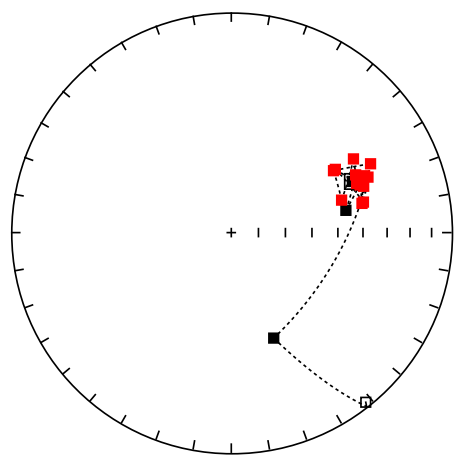
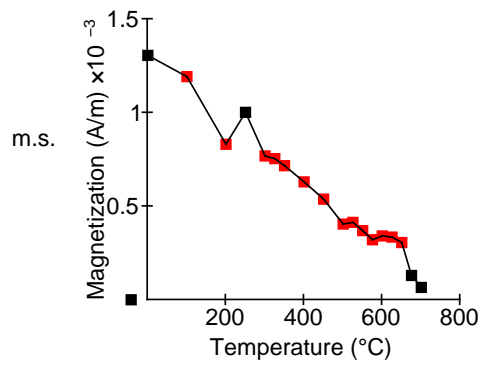


□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-4}$

Sample: 6408.0

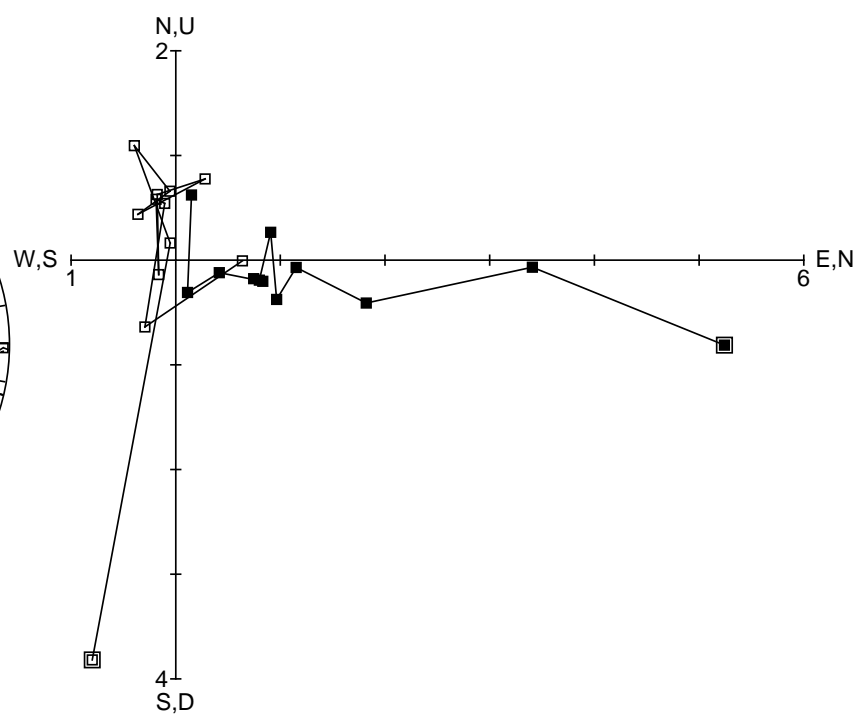
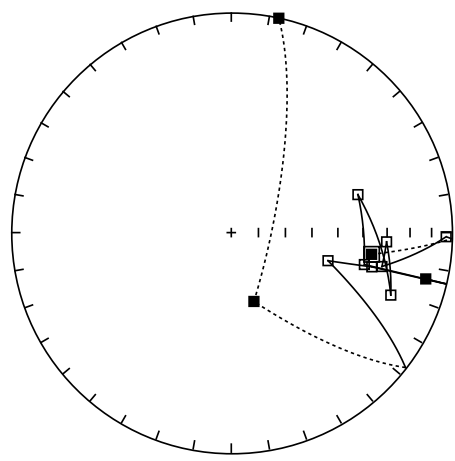
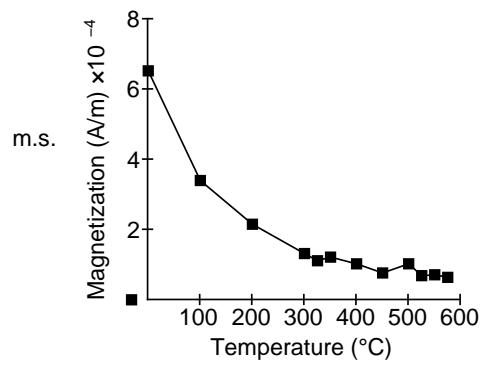
PCA dec 69.05 / inc 37.38
 PCA MAD1 38.73 / MAD3 4.54
 (0.28 0.74 0.61)t

	temp.	dec.	inc.	int.
	0	67.1	40.1	1.31e-03
*	100	70.7	36.5	1.19e-03
*	200	65.1	37.8	8.31e-04
	250	79.0	46.0	1.00e-03
*	300	67.6	35.8	7.68e-04
*	325	77.4	39.1	7.54e-04
*	350	69.7	37.7	7.17e-04
*	400	66.9	34.6	6.30e-04
*	450	67.9	33.5	5.38e-04
*	500	77.0	38.4	4.05e-04
*	525	58.7	44.0	4.14e-04
*	550	68.6	38.8	3.70e-04
*	575	58.9	35.5	3.21e-04
*	600	73.6	46.7	3.41e-04
*	625	58.8	44.9	3.35e-04
*	650	63.7	30.2	3.06e-04
	675	158.1	47.2	1.30e-04
	700	141.6	-2.0	6.60e-05



Sample: 6520.0

temp.	dec.	inc.	int.
0	98.8	35.8	6.52e-04
100	91.1	-2.8	3.40e-04
200	102.7	-30.6	2.15e-04
300	93.4	-30.1	1.32e-04
325	111.4	-23.3	1.11e-04
350	73.3	-39.8	1.22e-04
400	103.5	-37.9	1.02e-04
450	103.4	10.2	7.65e-05
500	103.7	-34.7	1.03e-04
525	106.2	-52.3	6.88e-05
550	161.8	63.1	7.13e-05
575	12.5	0.4	6.40e-05

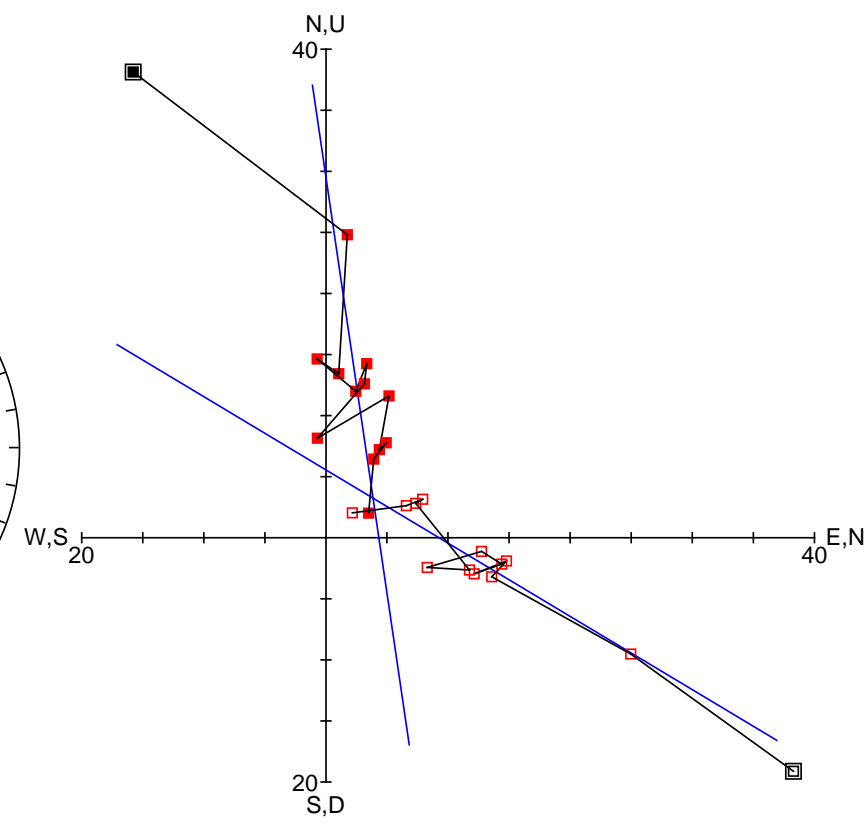
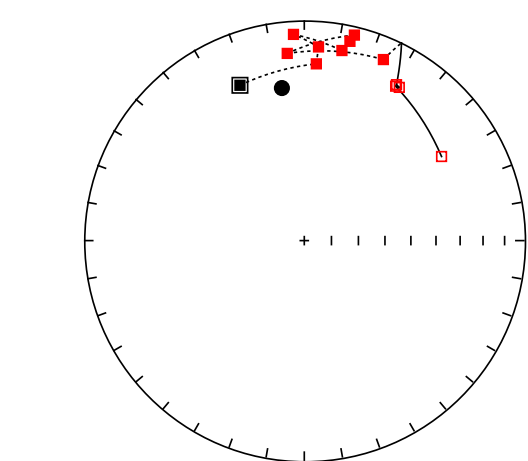
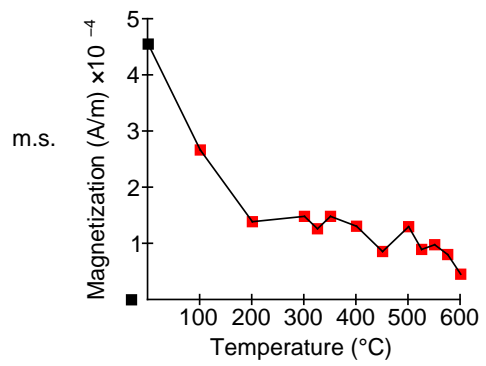


□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-4}$

Sample: 6560.0

PCA dec 351.65 / inc 30.69
 PCA MAD1 33.02 / MAD3 19.22
 $(1.13 \ 0.26 \ 0.12)e-4 + (0.85 \ -0.12 \ 0.51)t$

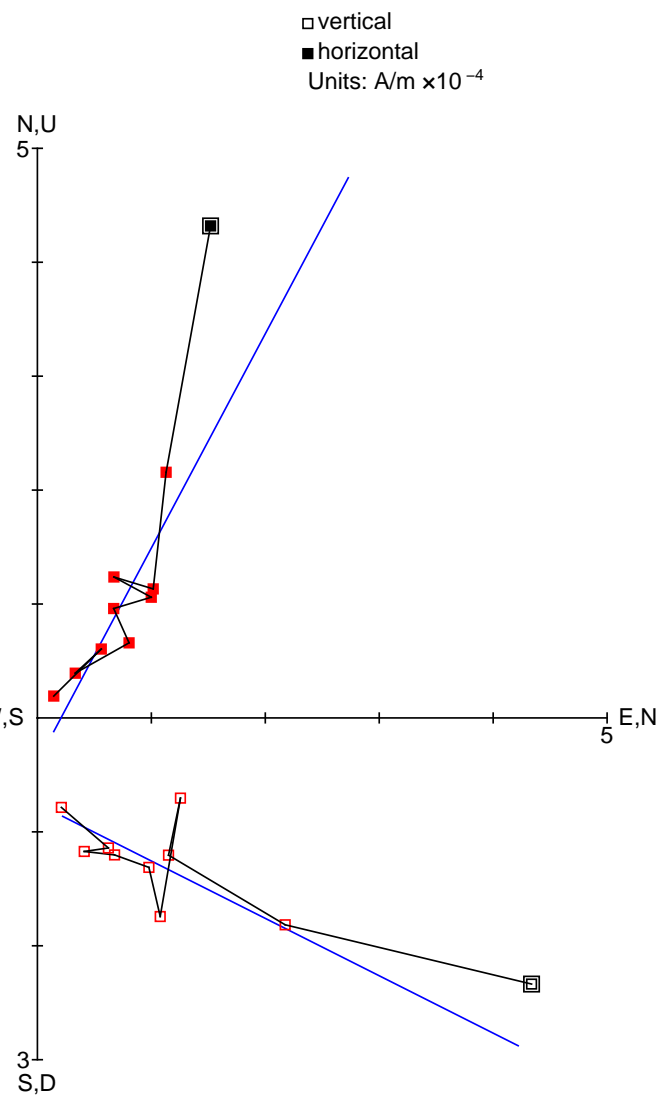
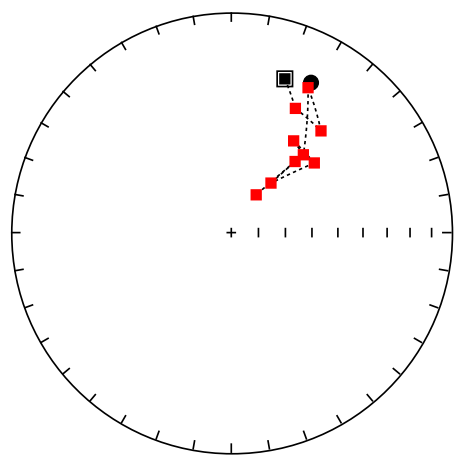
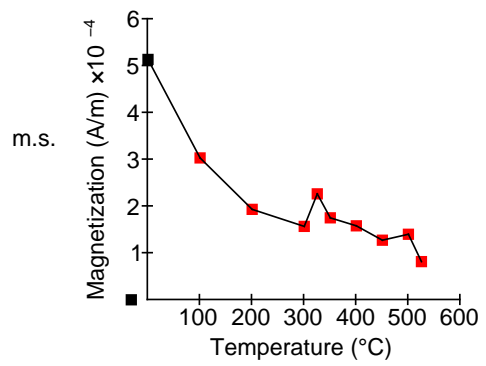
	temp.	dec.	inc.	int.
	0	337.5	24.7	4.55e-04
*	100	3.9	20.7	2.67e-04
*	200	4.2	12.9	1.39e-04
*	300	357.0	7.0	1.49e-04
*	325	11.2	13.1	1.27e-04
*	350	12.9	8.0	1.49e-04
*	400	13.7	4.5	1.31e-04
*	450	354.8	15.8	8.60e-05
*	500	23.6	11.3	1.30e-04
*	525	30.6	-18.9	8.97e-05
*	550	31.8	-19.3	9.81e-05
*	575	30.6	-19.7	8.06e-05
*	600	58.5	-27.8	4.56e-05



Sample: 6595.0

PCA dec 28.00 / inc 23.97
 PCA MAD1 29.44 / MAD3 24.21
 (0.94 0.69 1.23)e-4 + (0.81 0.43 0.41)t

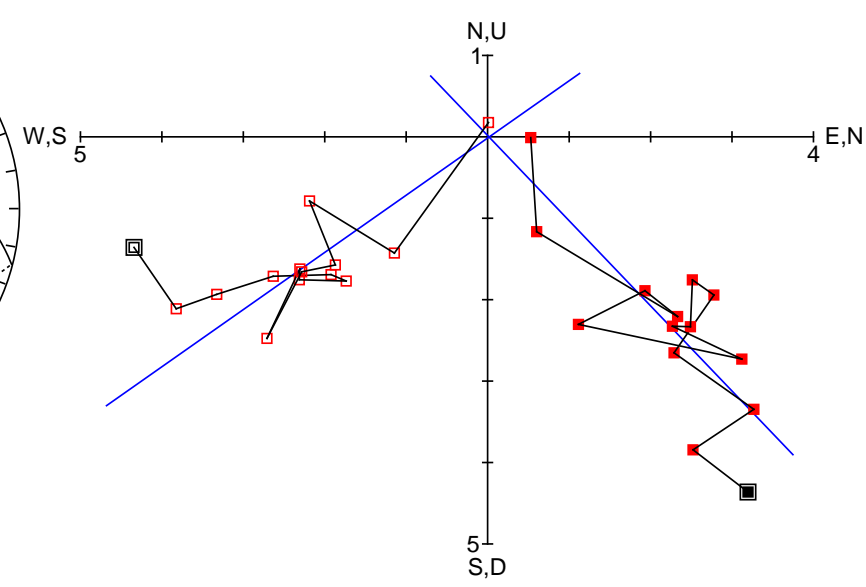
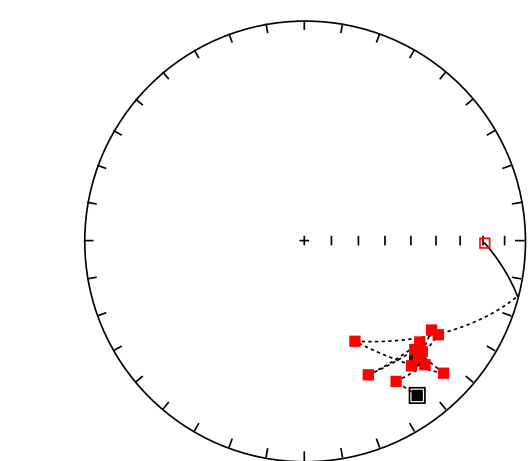
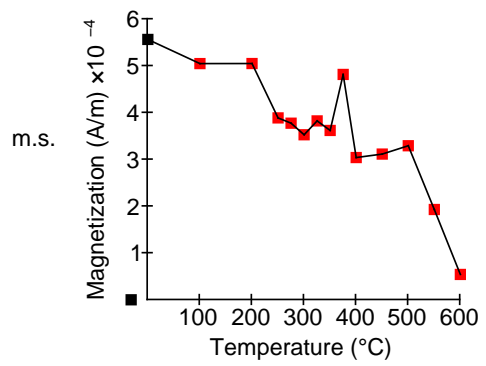
	temp.	dec.	inc.	int.
	0	19.2	27.0	5.14e-04
*	100	27.3	36.7	3.03e-04
*	200	41.4	38.4	1.93e-04
*	300	27.9	26.5	1.57e-04
*	325	42.8	50.2	2.26e-04
*	350	34.2	48.3	1.75e-04
*	400	50.0	49.3	1.58e-04
*	450	38.7	66.5	1.27e-04
*	500	41.9	54.3	1.40e-04
*	525	33.4	73.3	8.16e-05



Sample: 6605.0

PCA dec 136.27 / inc 26.91
 PCA MAD1 36.93 / MAD3 8.97
 (-0.64 0.62 0.45)t

	temp.	dec.	inc.	int.
	0	143.9	14.1	5.56e-04
*	100	146.9	24.7	5.05e-04
*	200	135.8	22.5	5.05e-04
*	250	139.4	26.1	3.89e-04
*	275	125.1	26.6	3.77e-04
*	300	125.1	30.1	3.53e-04
*	325	133.3	27.3	3.82e-04
*	350	135.9	26.6	3.62e-04
*	375	131.3	30.9	4.82e-04
*	400	154.5	33.0	3.04e-04
*	450	134.6	30.3	3.11e-04
*	500	133.6	13.8	3.29e-04
*	550	153.3	47.6	1.93e-04
*	600	90.8	-19.2	5.42e-05



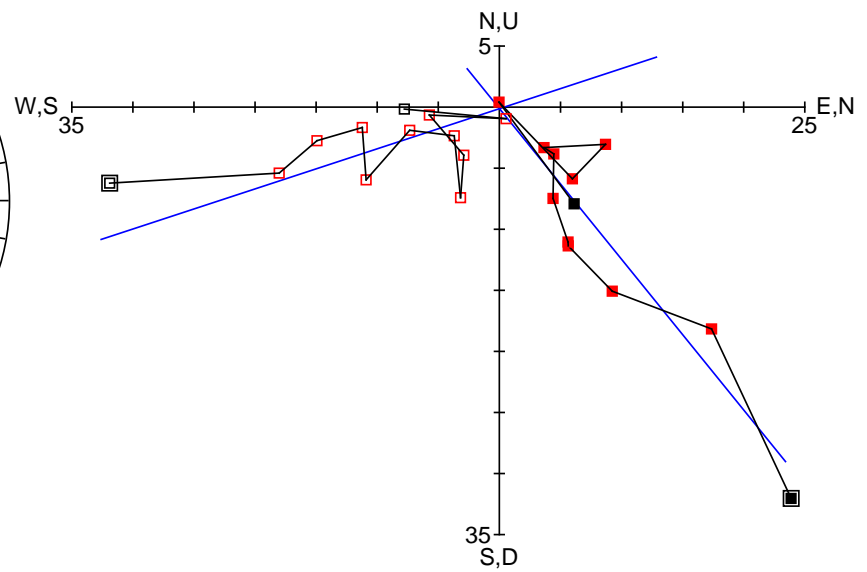
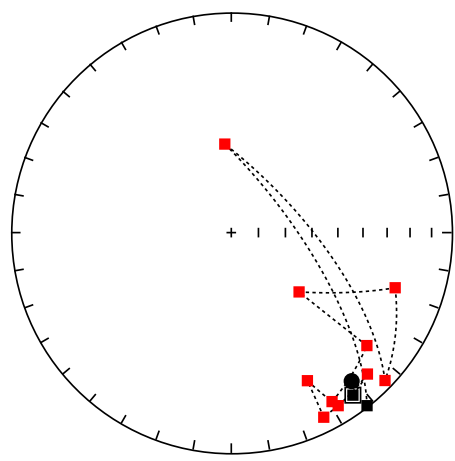
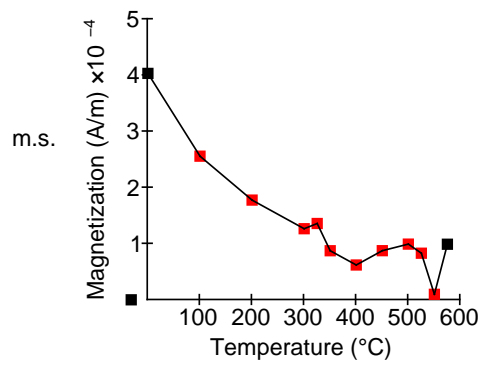
□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-4}$

Sample: 6647.0

PCA dec 140.98 / inc 14.31
 PCA MAD1 38.64 / MAD3 14.66
 (-0.75 0.61 0.25)t

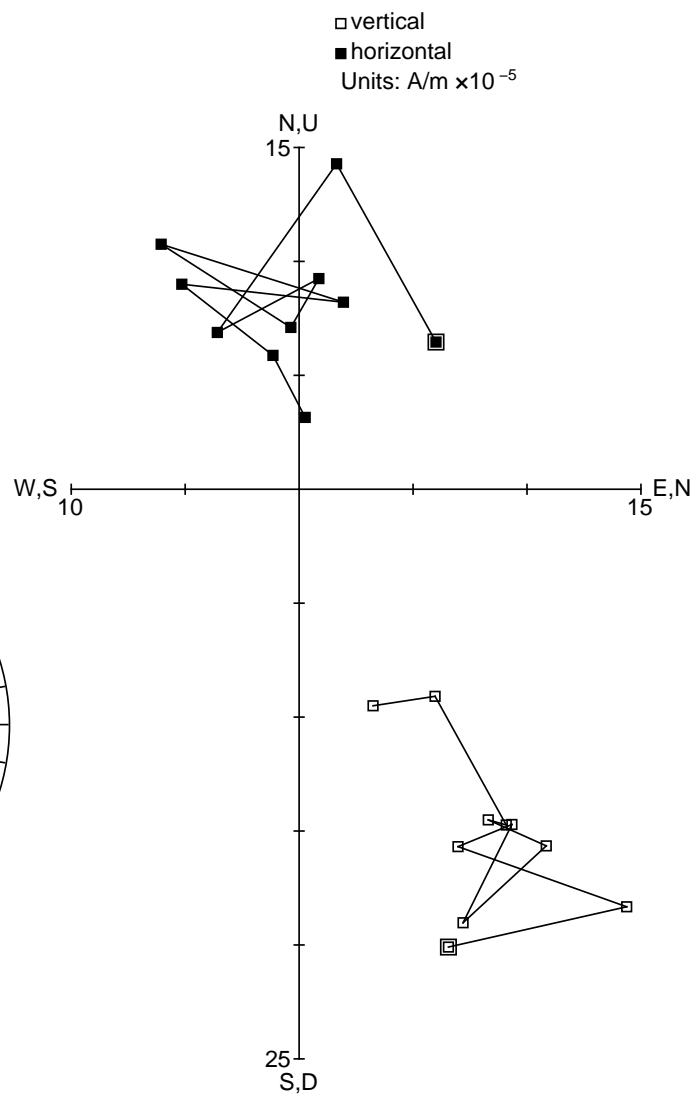
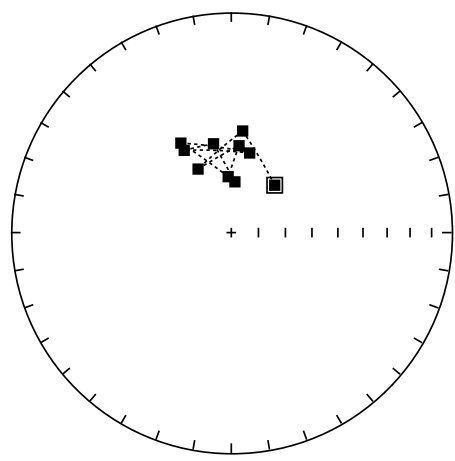
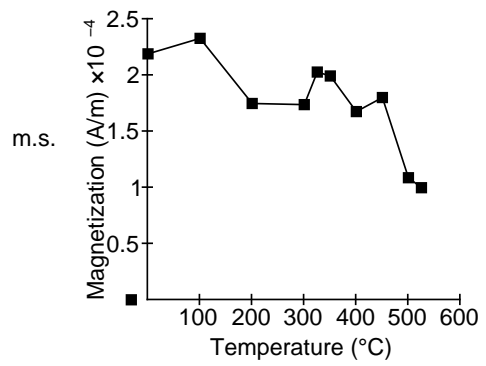
	temp.	dec.	inc.	int.
	0	143.2	8.7	4.03e-04
*	100	136.1	11.9	2.56e-04
*	200	148.3	8.5	1.78e-04
*	300	153.4	7.0	1.27e-04
*	325	152.8	25.4	1.36e-04
*	350	149.2	11.7	8.74e-05
*	400	129.8	21.0	6.20e-05
*	450	131.2	56.4	8.75e-05
*	500	108.6	22.6	9.92e-05
*	525	133.9	3.6	8.30e-05
*	550	355.8	56.9	9.80e-06
*	575	141.9	0.2	9.90e-05

□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁵



Sample: 6690.0

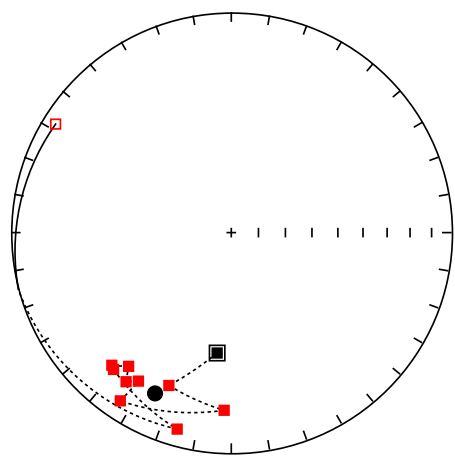
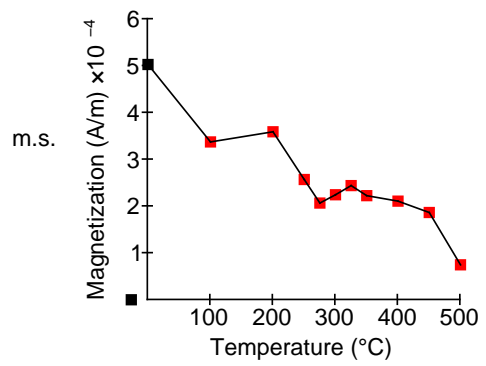
temp.	dec.	inc.	int.
0	42.5	66.2	2.19e-04
100	6.4	51.7	2.33e-04
200	332.4	63.4	1.75e-04
300	5.1	57.5	1.74e-04
325	356.8	69.3	2.03e-04
350	330.6	51.5	1.99e-04
400	13.0	59.6	1.68e-04
450	330.2	54.6	1.80e-04
500	348.7	56.2	1.09e-04
525	4.1	71.2	9.98e-05



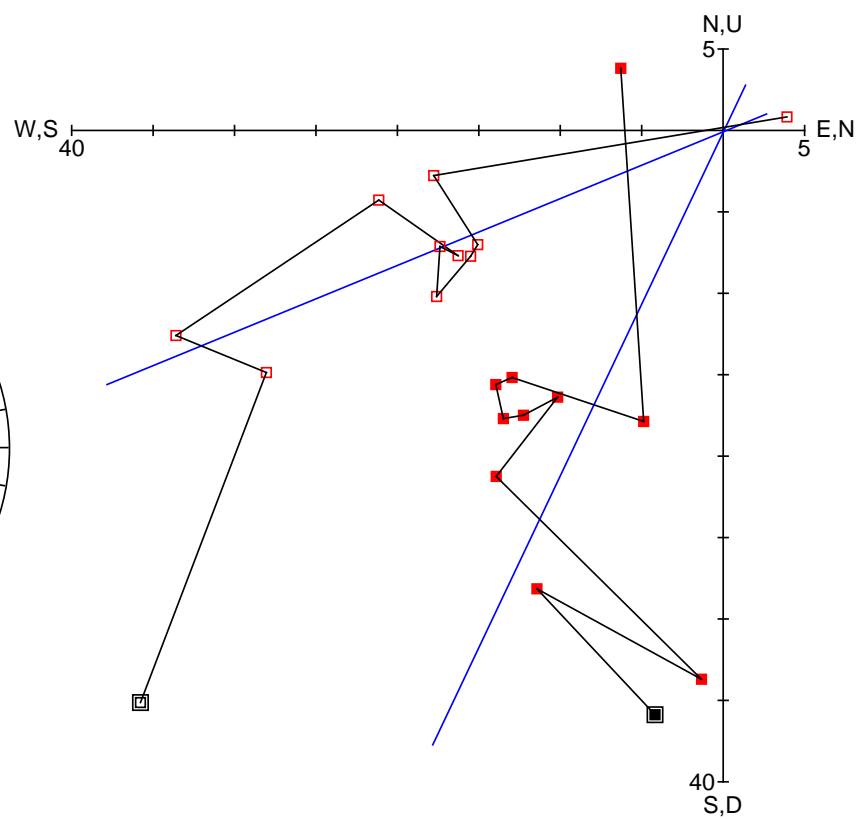
Sample: 6765.0

PCA dec 205.37 / inc 20.33
 PCA MAD1 21.66 / MAD3 15.24
 (-0.85 -0.40 0.35)t

	temp.	dec.	inc.	int.
	0	186.7	44.2	5.03e-04
*	100	202.2	26.0	3.37e-04
*	200	182.3	20.4	3.59e-04
*	250	213.4	9.4	2.57e-04
*	275	212.0	21.6	2.07e-04
*	300	215.2	18.3	2.24e-04
*	325	217.5	24.5	2.44e-04
*	350	222.0	20.1	2.23e-04
*	400	220.7	19.2	2.11e-04
*	450	195.4	8.3	1.87e-04
*	500	301.7	-7.0	7.47e-05



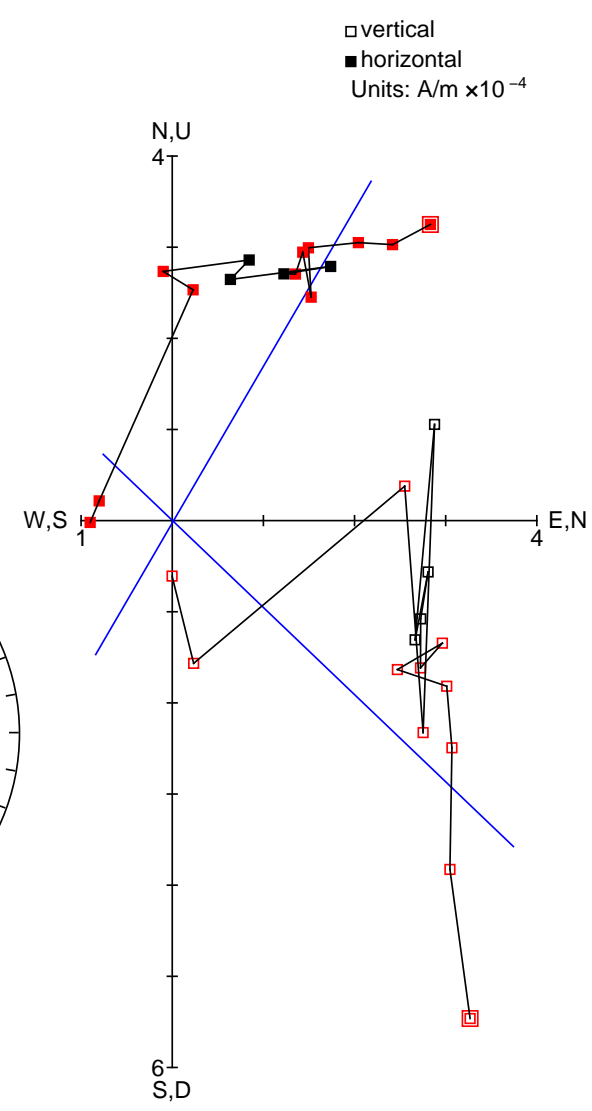
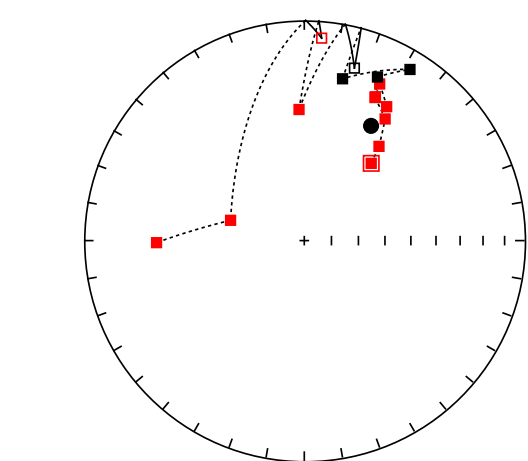
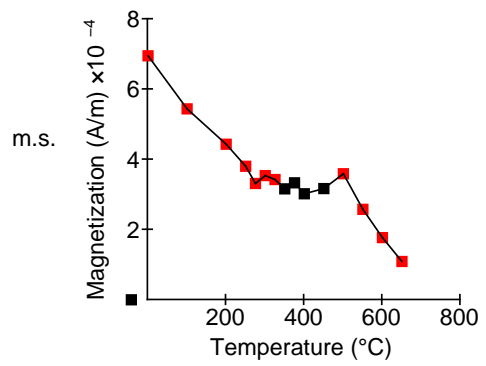
□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-5}$



Sample: 6815.0

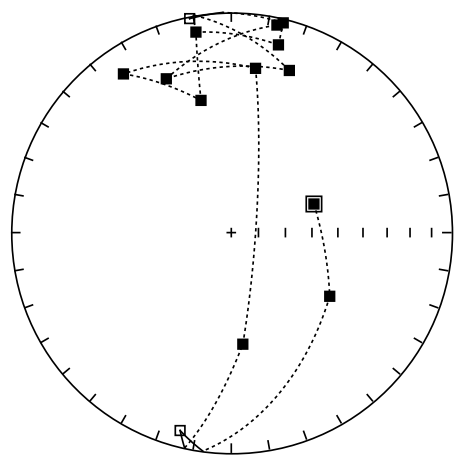
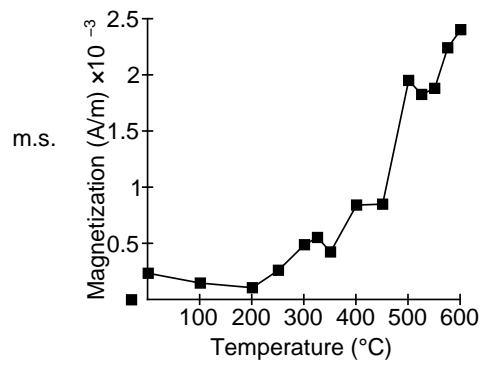
PCA dec 30.19 / inc 39.57
 PCA MAD1 35.29 / MAD3 18.10
 (0.67 0.39 0.64)t

	temp.	dec.	inc.	int.
*	0	40.9	51.7	6.95e-04
*	100	38.4	44.6	5.44e-04
*	200	33.6	34.1	4.43e-04
*	250	26.3	28.4	3.81e-04
*	275	31.6	29.4	3.31e-04
*	300	25.7	22.2	3.54e-04
*	325	26.3	28.0	3.43e-04
*	350	24.1	19.8	3.16e-04
*	375	31.7	9.6	3.33e-04
*	400	13.3	25.5	3.02e-04
*	450	16.2	-19.6	3.17e-04
*	500	357.7	40.2	3.59e-04
*	550	4.9	-8.6	2.58e-04
*	600	285.4	61.6	1.77e-04
*	650	269.2	33.4	1.09e-04

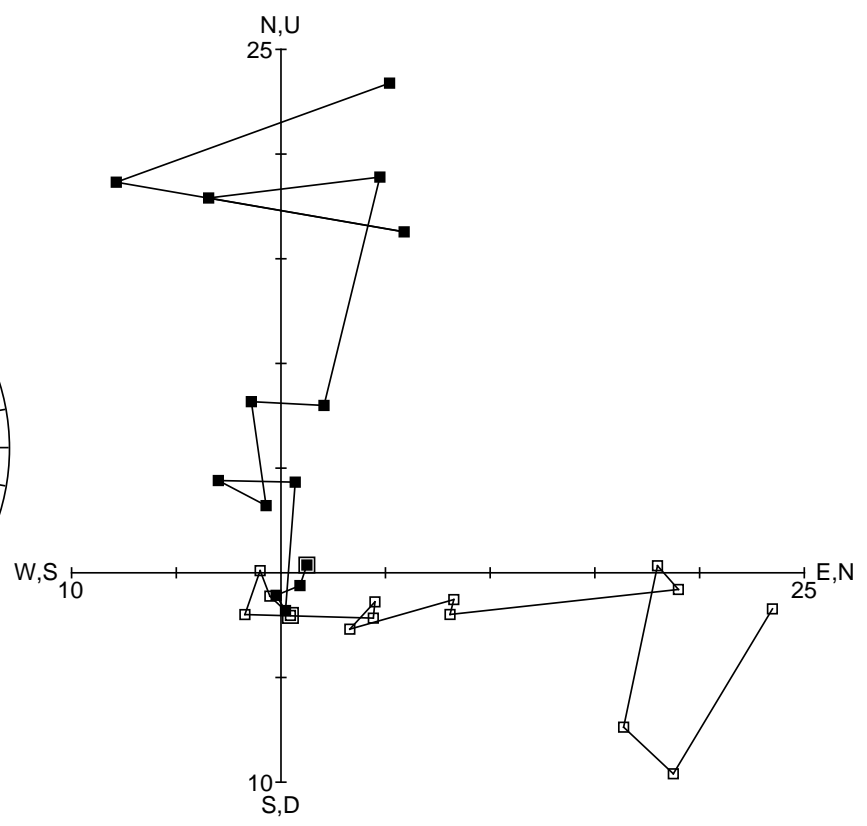


Sample: 6912.0

temp.	dec.	inc.	int.
0	70.9	57.4	2.36e-04
100	122.9	45.8	1.49e-04
200	194.5	-8.0	1.07e-04
250	174.1	47.8	2.63e-04
300	8.4	25.6	4.90e-04
325	325.8	14.0	5.55e-04
350	347.1	38.4	4.26e-04
400	350.0	8.4	8.44e-04
450	14.1	13.2	8.51e-04
500	13.9	2.2	1.95e-03
525	349.0	-1.2	1.83e-03
550	19.7	22.9	1.88e-03
575	337.1	25.2	2.24e-03
600	12.4	4.0	2.41e-03



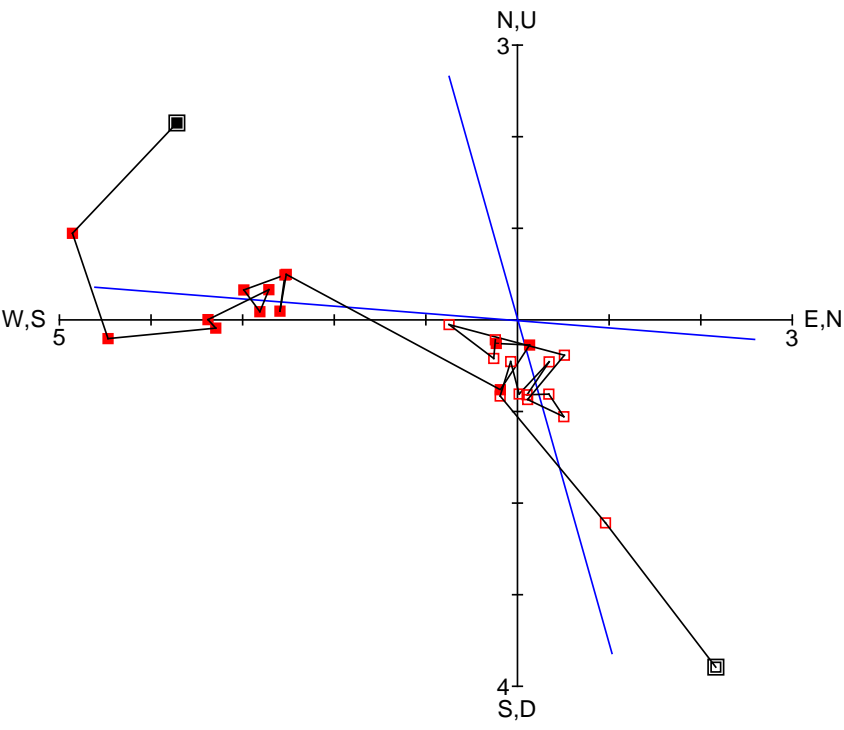
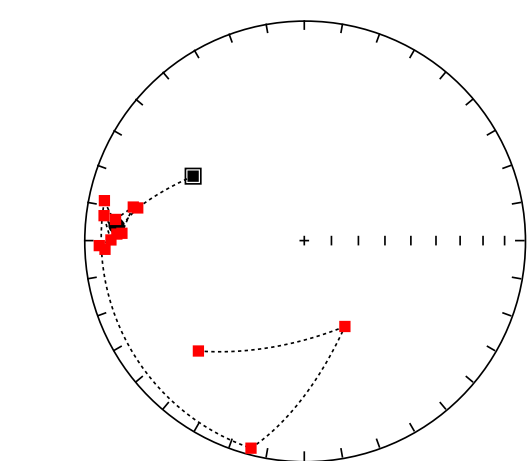
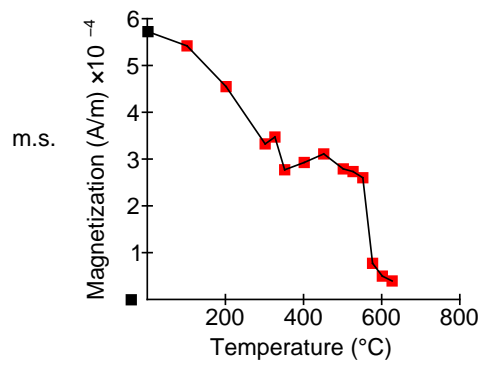
□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-4}$



Sample: 7237.0

PCA dec 274.52 / inc 15.61
 PCA MAD1 33.56 / MAD3 9.47
 (0.08 -0.96 0.27)t

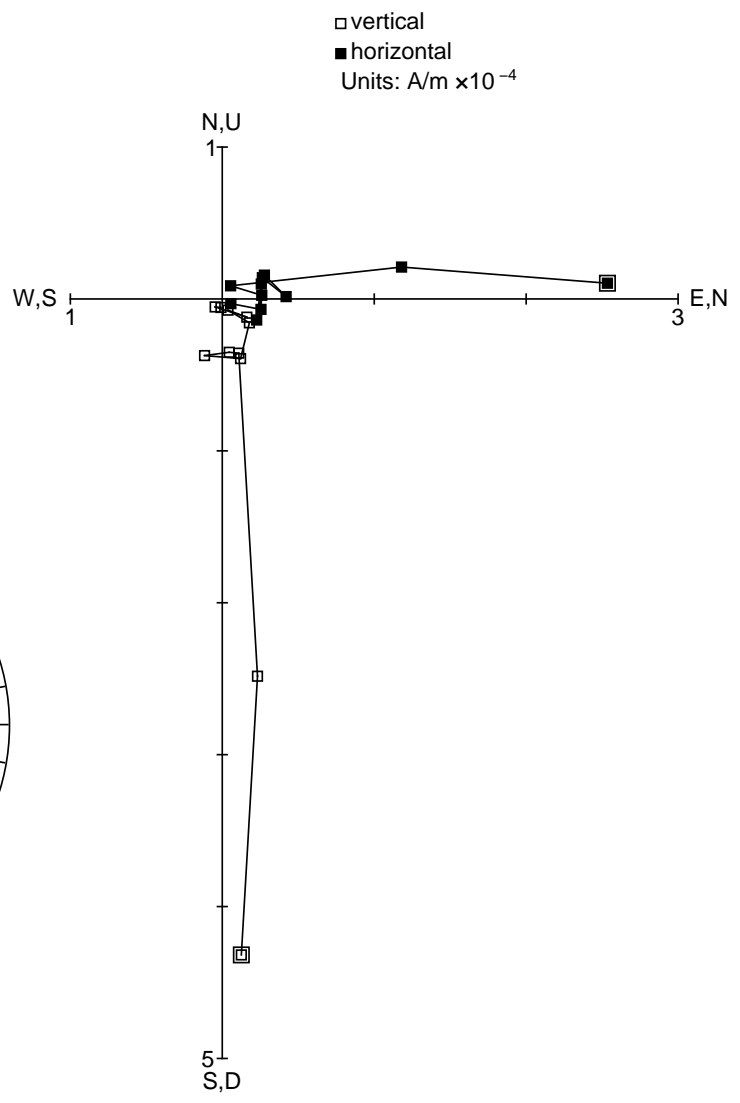
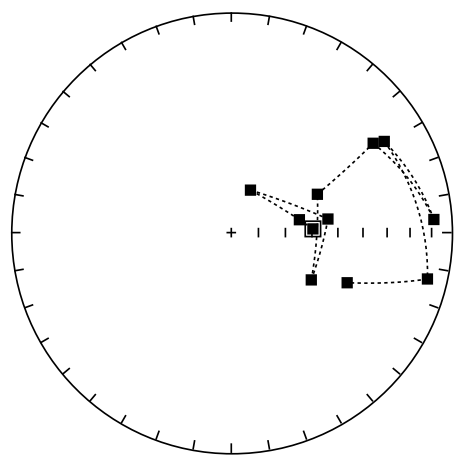
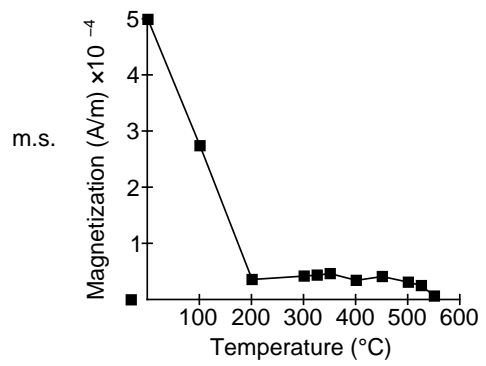
	temp.	dec.	inc.	int.
	0	300.1	41.3	5.73e-04
*	100	281.1	24.0	5.43e-04
*	200	267.5	10.4	4.56e-04
*	300	268.6	7.7	3.33e-04
*	325	270.2	13.3	3.48e-04
*	350	277.1	9.3	2.78e-04
*	400	272.0	16.0	2.93e-04
*	450	276.4	14.9	3.12e-04
*	500	281.1	22.0	2.80e-04
*	525	272.3	18.3	2.74e-04
*	550	281.3	8.3	2.61e-04
*	575	194.4	3.1	7.79e-05
*	600	154.7	54.5	5.06e-05
*	625	223.8	31.2	4.02e-05



□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-4}$

Sample: 7595.0

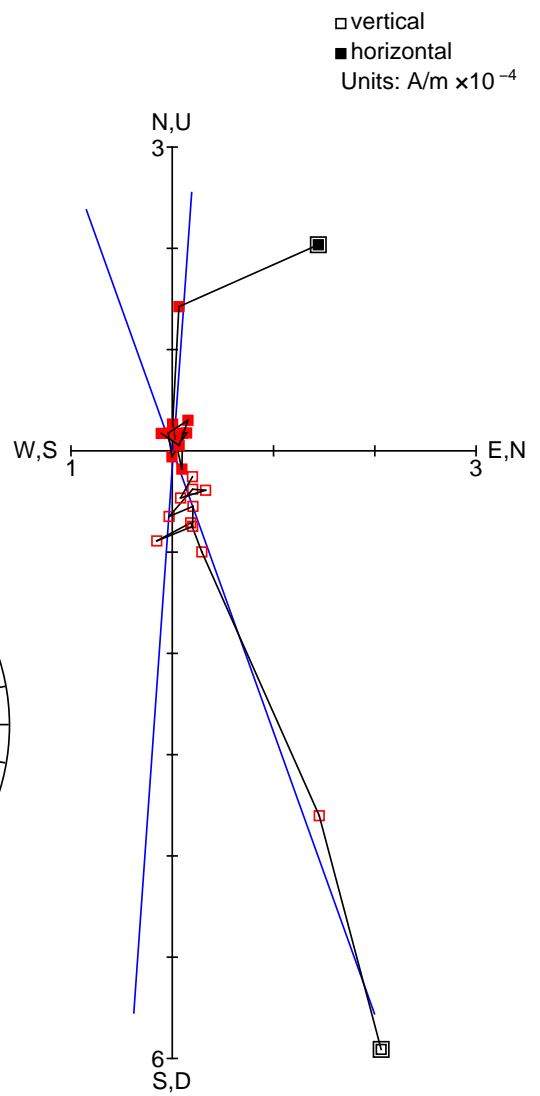
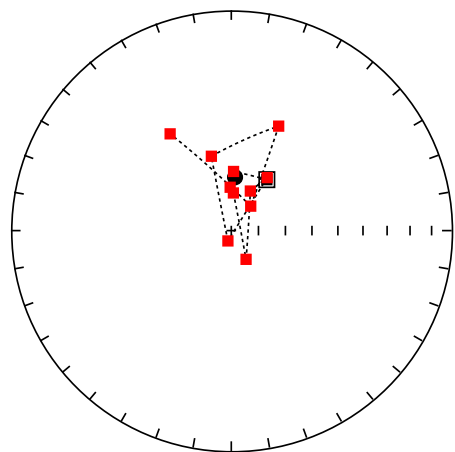
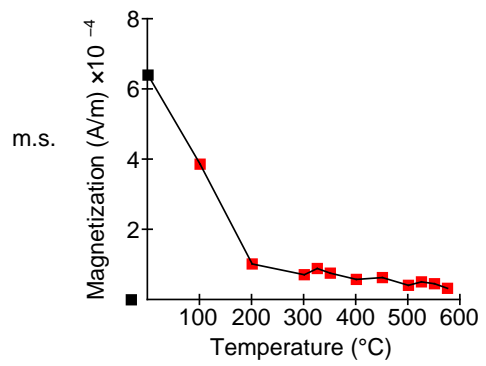
temp.	dec.	inc.	int.
0	87.4	59.6	4.99e-04
100	79.3	64.3	2.74e-04
200	24.3	72.8	3.62e-05
300	82.0	53.5	4.23e-05
325	120.6	55.3	4.40e-05
350	66.0	54.8	4.67e-05
400	57.8	24.9	3.47e-05
450	86.3	8.7	4.15e-05
500	59.2	20.3	3.14e-05
525	103.3	9.4	2.54e-05
550	113.4	42.2	6.70e-06



Sample: 7780.0

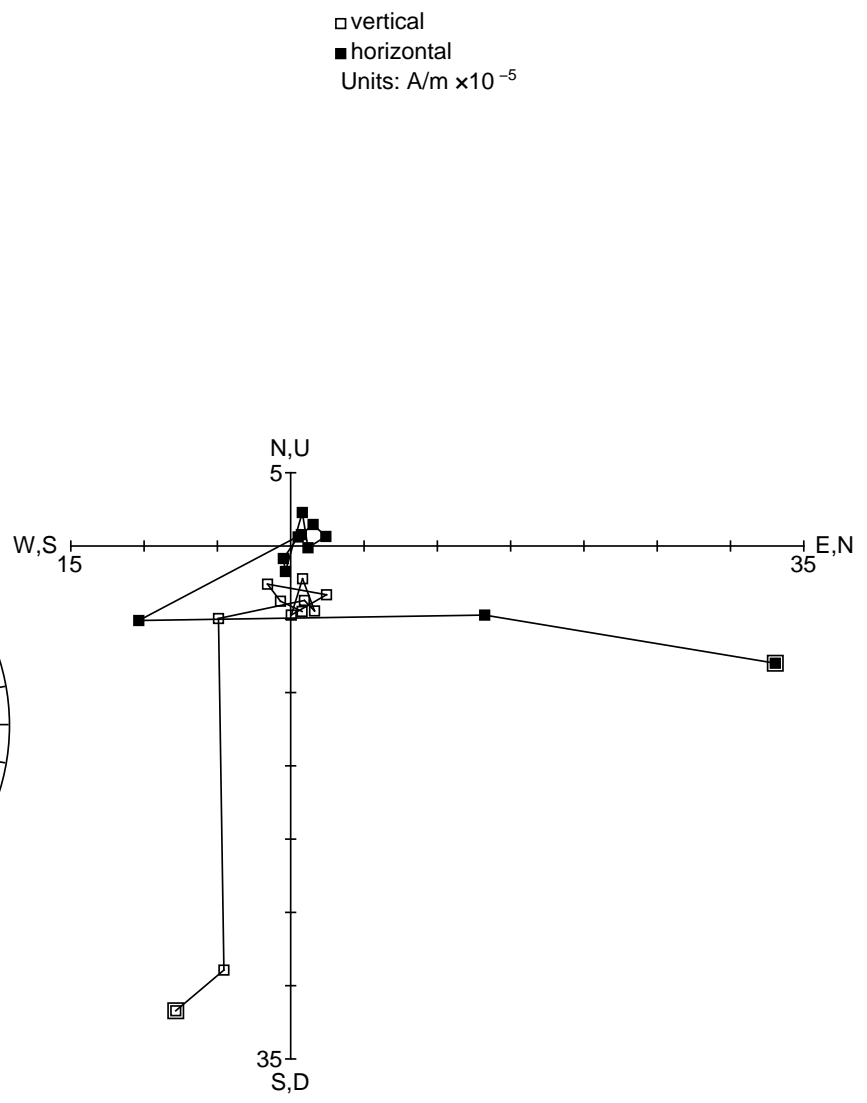
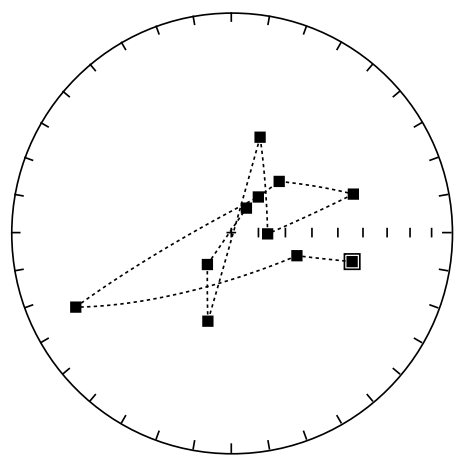
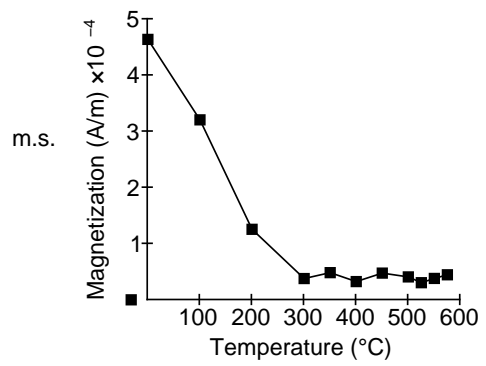
PCA dec 4.04 / inc 70.24
 PCA MAD1 23.25 / MAD3 8.44
 (0.34 0.02 0.94)t

	temp.	dec.	inc.	int.
	0	34.9	67.0	6.40e-04
*	100	2.2	68.1	3.87e-04
*	200	358.5	74.0	1.02e-04
*	300	3.2	76.1	7.15e-05
*	325	152.8	78.1	8.92e-05
*	350	25.7	73.8	7.59e-05
*	400	34.1	66.3	5.81e-05
*	450	198.1	86.0	6.33e-05
*	500	345.0	61.4	4.13e-05
*	525	24.4	46.8	5.11e-05
*	550	38.5	78.5	4.58e-05
*	575	327.7	46.9	3.27e-05



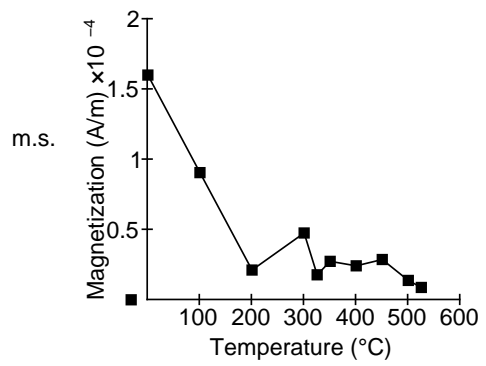
Sample: 7827.0

temp.	dec.	inc.	int.
0	103.5	43.0	4.64e-04
100	109.4	64.2	3.21e-04
200	244.4	22.8	1.26e-04
300	37.2	73.5	3.79e-05
350	43.1	64.0	4.84e-05
400	72.5	41.5	3.25e-05
450	92.0	76.6	4.76e-05
500	16.8	52.7	4.08e-05
525	194.8	55.8	3.05e-05
550	216.8	75.3	3.81e-05
575	31.7	79.4	4.46e-05

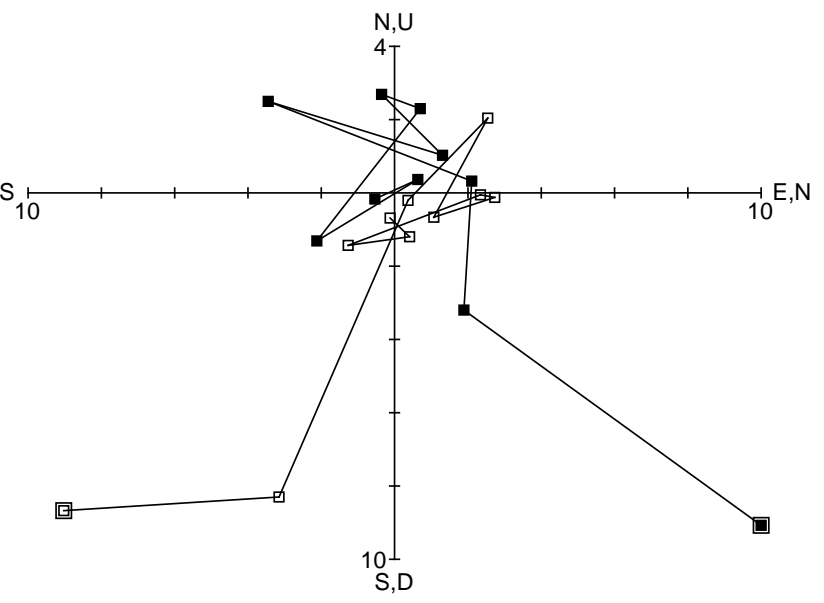
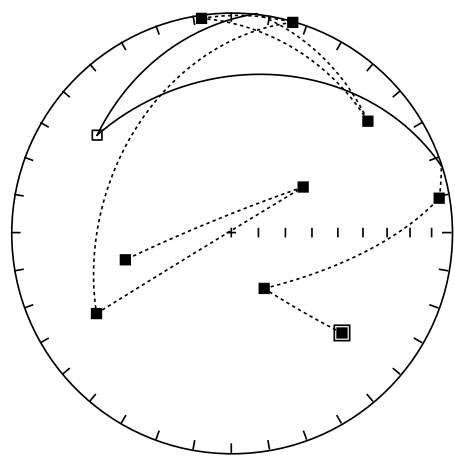


Sample: 7868.0

temp.	dec.	inc.	int.
0	132.2	32.7	1.60e-04
100	149.5	66.0	9.06e-05
200	80.6	4.9	2.12e-05
300	306.0	-25.7	4.76e-05
325	50.8	21.1	1.78e-05
350	352.1	2.1	2.74e-05
400	16.3	0.7	2.42e-05
450	239.0	29.4	2.87e-05
500	57.6	58.3	1.38e-05
525	255.6	48.9	8.80e-06



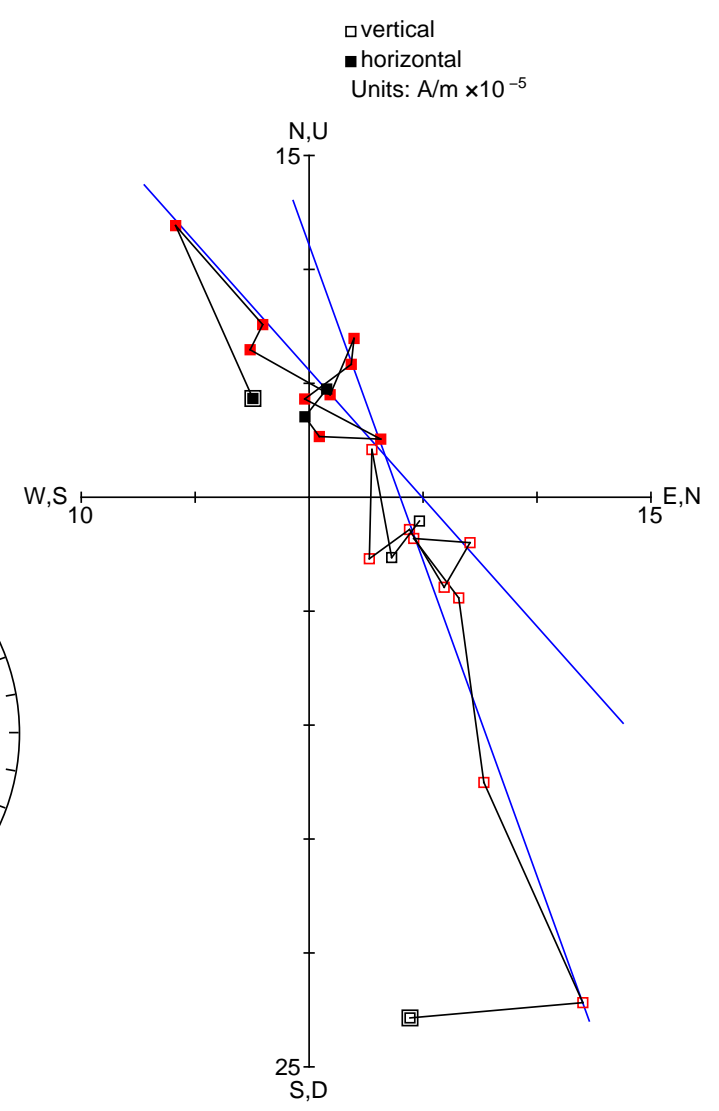
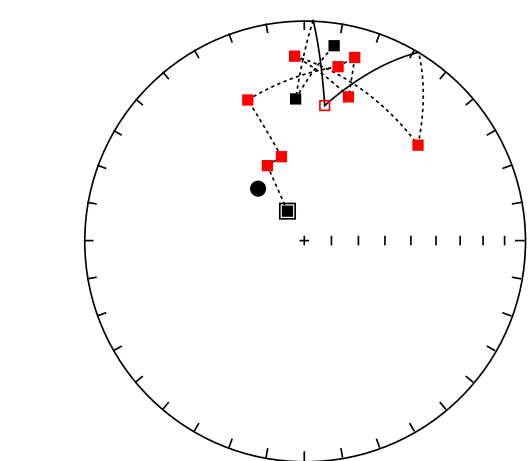
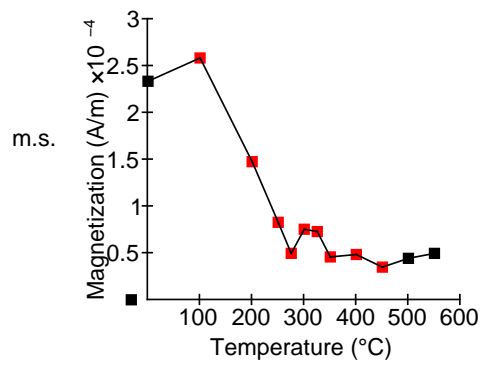
□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-5}$



Sample: 7890.0

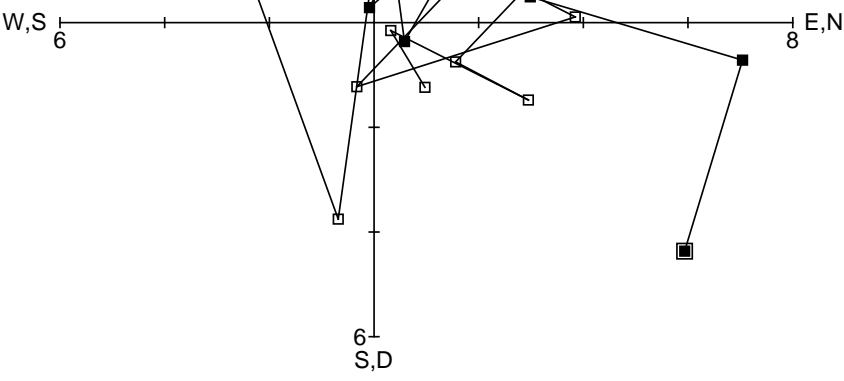
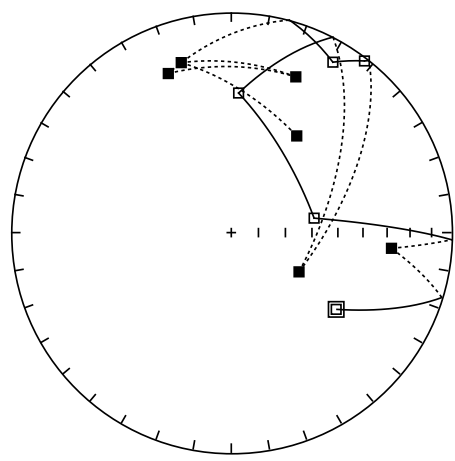
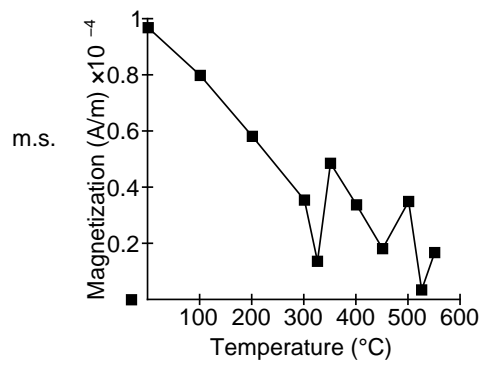
PCA dec 318.35 / inc 64.21
 PCA MAD1 36.40 / MAD3 13.52
 (5.92 -0.30 5.38)e-5 + (0.33 -0.29 0.90)t

	temp.	dec.	inc.	int.
	0	330.3	77.5	2.34e-04
*	100	333.8	58.9	2.58e-04
*	200	344.8	57.6	1.48e-04
*	250	338.1	31.8	8.28e-05
*	275	11.0	20.7	4.96e-05
*	300	15.4	14.9	7.54e-05
*	325	17.1	32.3	7.29e-05
*	350	357.0	17.3	4.58e-05
*	400	50.0	33.1	4.84e-05
*	450	8.6	-38.0	3.49e-05
	500	356.5	35.8	4.43e-05
	550	8.7	11.5	4.96e-05



Sample: 7958.0

temp.	dec.	inc.	int.
0	126.2	-40.7	9.69e-05
100	95.6	27.8	7.99e-05
200	80.1	-58.7	5.82e-05
300	3.0	-36.7	3.55e-05
325	120.1	60.9	1.37e-05
350	37.8	-1.6	4.86e-05
400	30.8	-10.9	3.38e-05
450	338.4	23.4	1.82e-05
500	22.5	24.5	3.50e-05
525	343.6	20.7	3.50e-06
550	34.1	46.0	1.68e-05

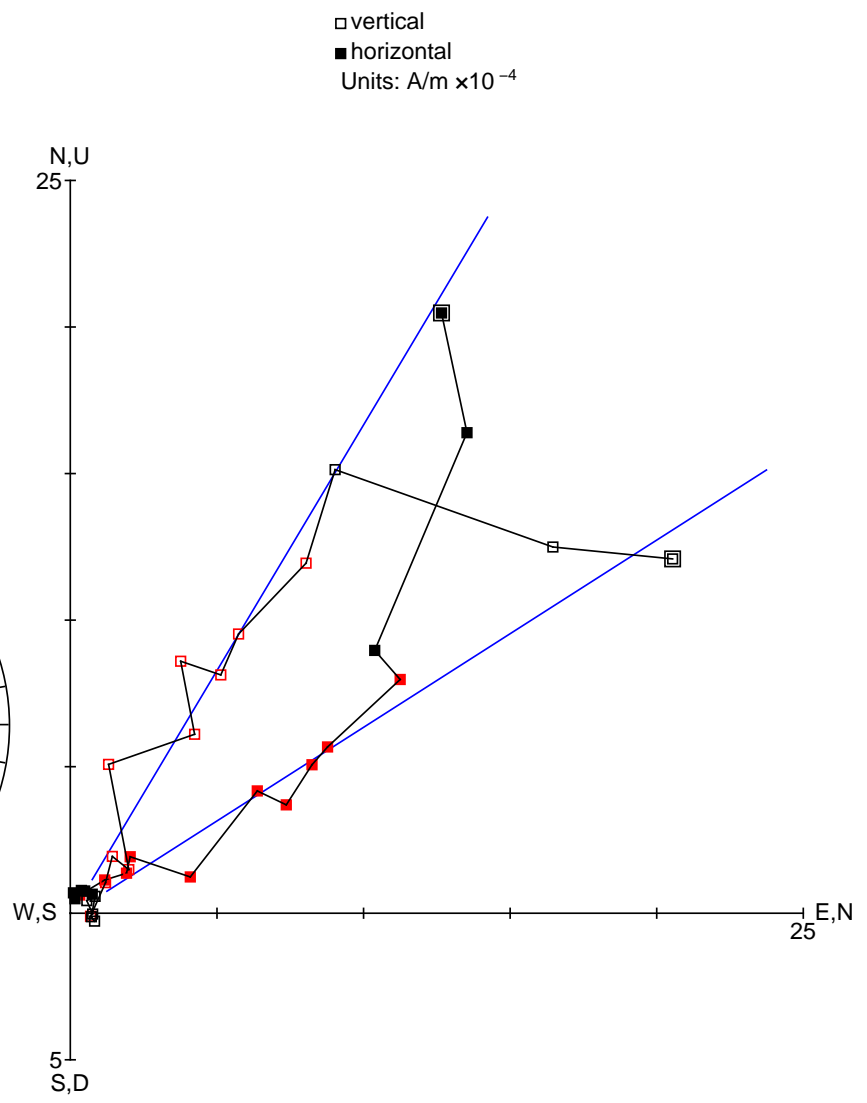
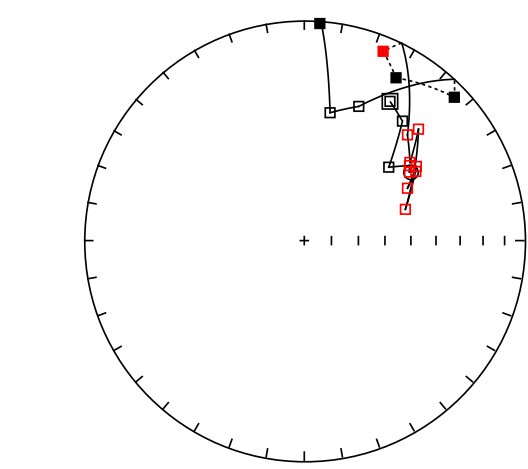
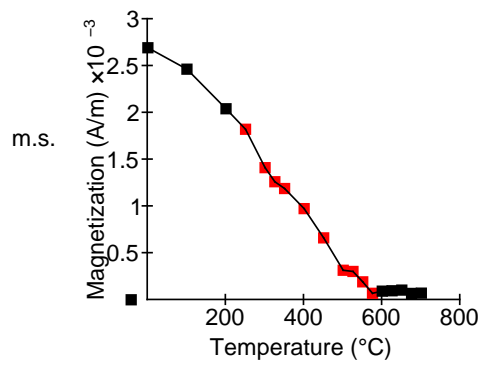


□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁵

Sample: 8005.0

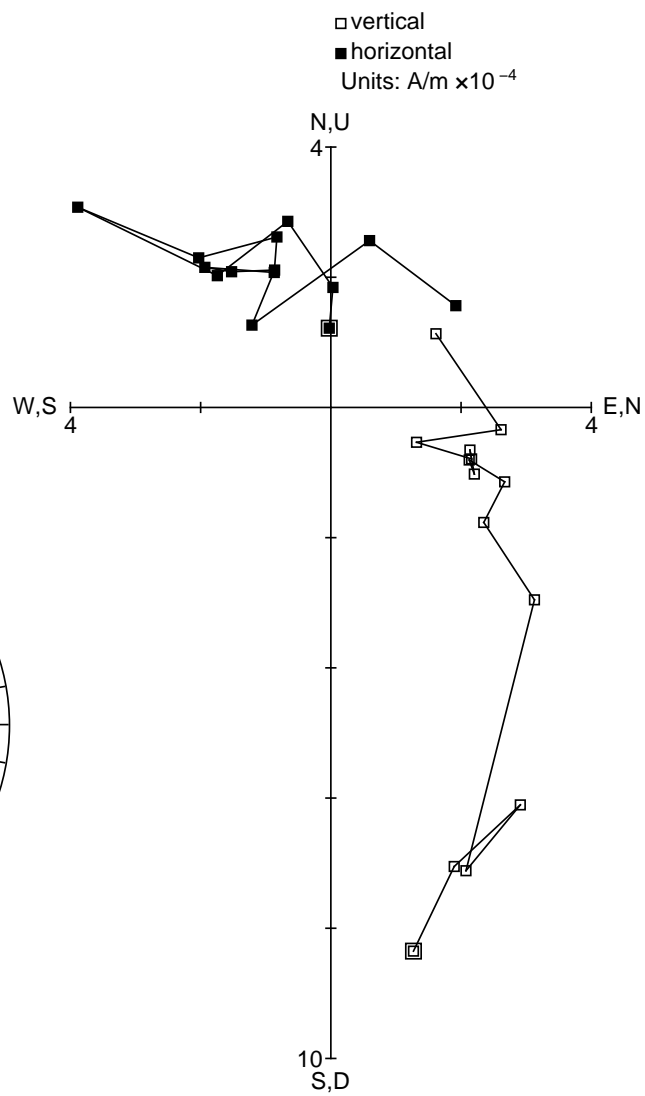
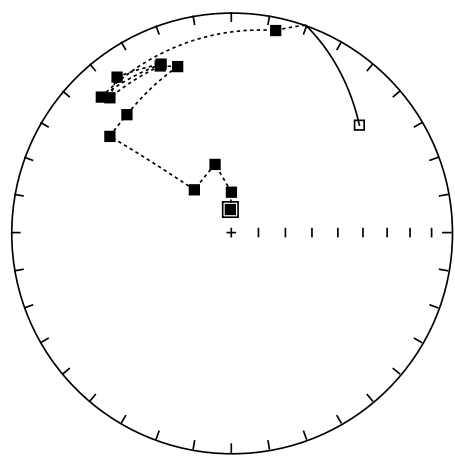
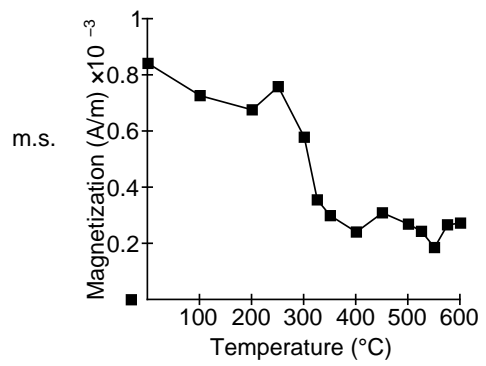
PCA dec 57.43 / inc -42.05
 PCA MAD1 13.55 / MAD3 4.60
 (0.40 0.63 -0.67)t

temp.	dec.	inc.	int.
0	31.6	-26.7	2.69e-03
100	39.4	-30.5	2.46e-03
200	49.0	-47.9	2.04e-03
* 250	54.5	-41.0	1.82e-03
* 300	56.9	-42.5	1.41e-03
* 325	58.2	-40.2	1.26e-03
* 350	63.1	-46.4	1.19e-03
* 400	56.5	-38.9	9.74e-04
* 450	72.8	-50.3	6.61e-04
* 500	45.7	-28.4	3.16e-04
* 525	53.5	-40.1	3.03e-04
* 550	44.3	-33.4	1.92e-04
* 575	22.6	7.7	6.93e-05
600	29.4	16.3	9.22e-05
625	46.3	6.5	9.63e-05
650	22.1	-34.6	1.03e-04
675	11.4	-40.5	6.79e-05
700	4.1	1.4	7.09e-05



Sample: 8083.0

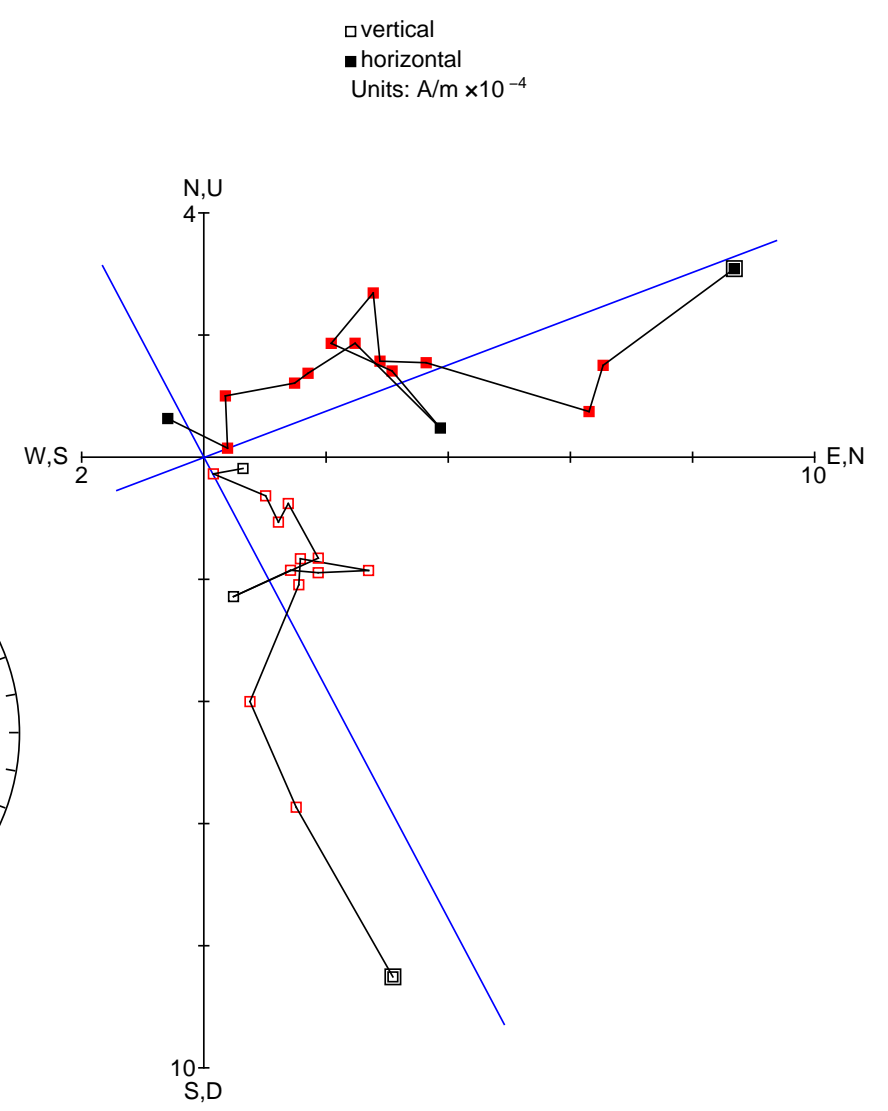
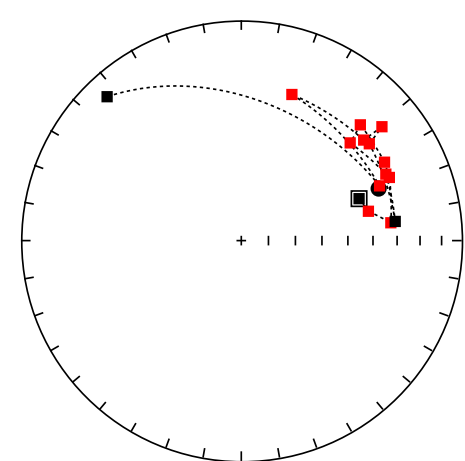
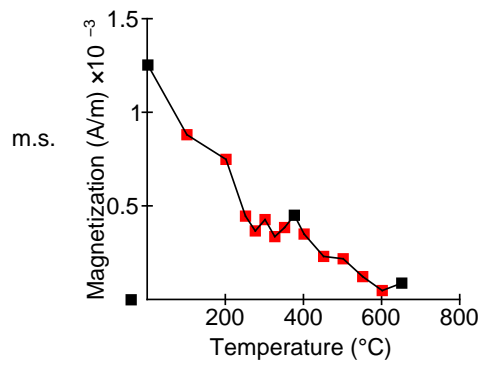
temp.	dec.	inc.	int.
0	357.7	81.5	8.42e-04
100	0.2	75.1	7.27e-04
200	346.6	64.0	6.76e-04
250	319.2	69.1	7.59e-04
300	308.4	30.4	5.79e-04
325	318.5	29.3	3.56e-04
350	342.1	21.9	3.00e-04
400	336.9	18.9	2.41e-04
450	318.0	18.8	3.10e-04
500	323.7	13.5	2.69e-04
525	337.4	18.3	2.44e-04
550	316.2	15.9	1.86e-04
575	12.4	6.8	2.67e-04
600	50.0	-25.1	2.73e-04



Sample: 8260.0

PCA dec 69.26 / inc 33.78
 PCA MAD1 22.28 / MAD3 12.67
 (0.29 0.78 0.56)t

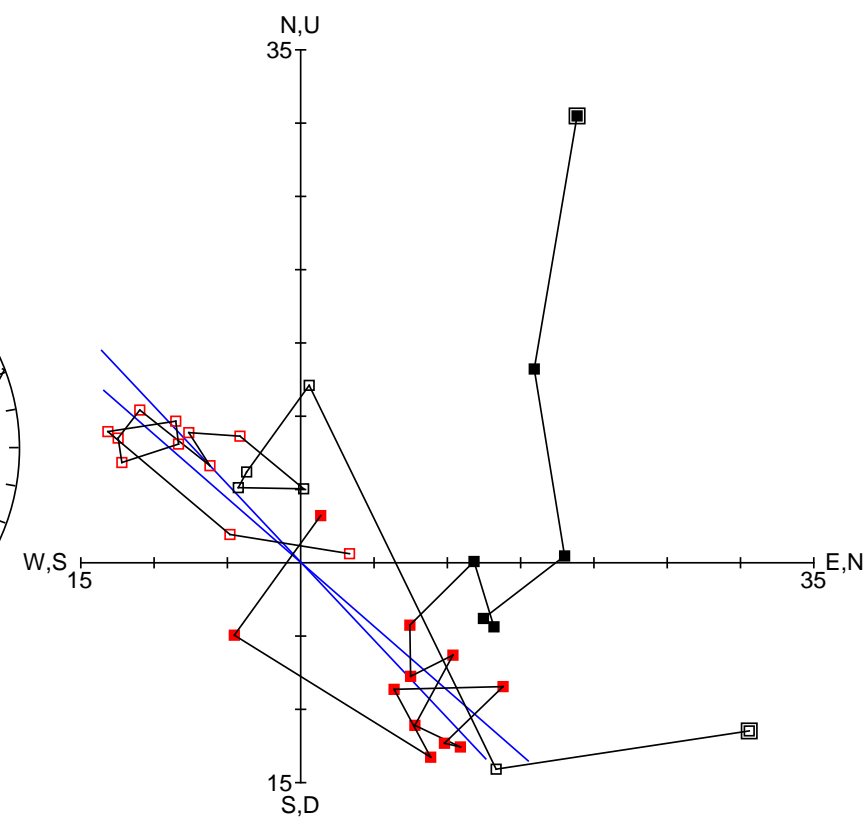
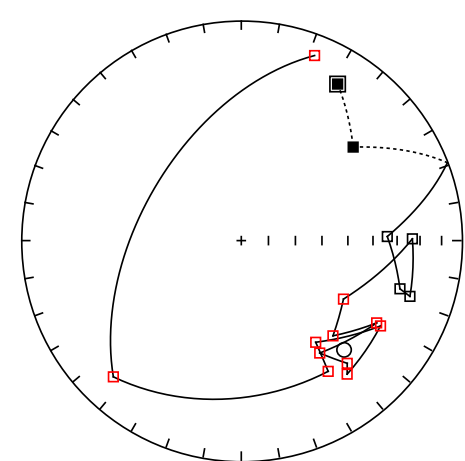
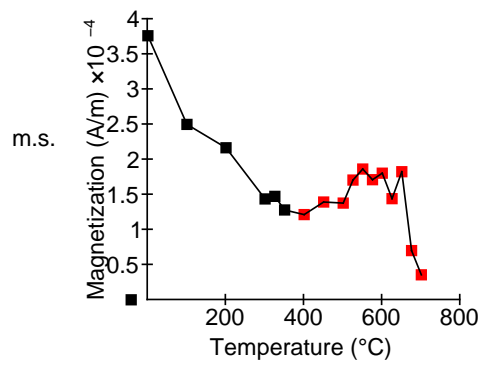
	temp.	dec.	inc.	int.
	0	70.4	42.7	1.25e-03
*	100	77.0	40.5	8.82e-04
*	200	83.2	32.2	7.50e-04
*	250	66.9	27.8	4.47e-04
*	275	61.3	26.8	3.68e-04
*	300	45.8	25.6	4.28e-04
*	325	48.1	34.0	3.38e-04
*	350	65.3	28.6	3.86e-04
*	375	82.9	30.3	4.52e-04
*	400	52.9	28.0	3.51e-04
*	450	51.0	19.0	2.32e-04
*	500	50.6	28.9	2.19e-04
*	550	19.1	30.5	1.24e-04
*	600	68.4	33.0	4.93e-05
*	650	317.0	11.7	8.90e-05



Sample: 8430.0

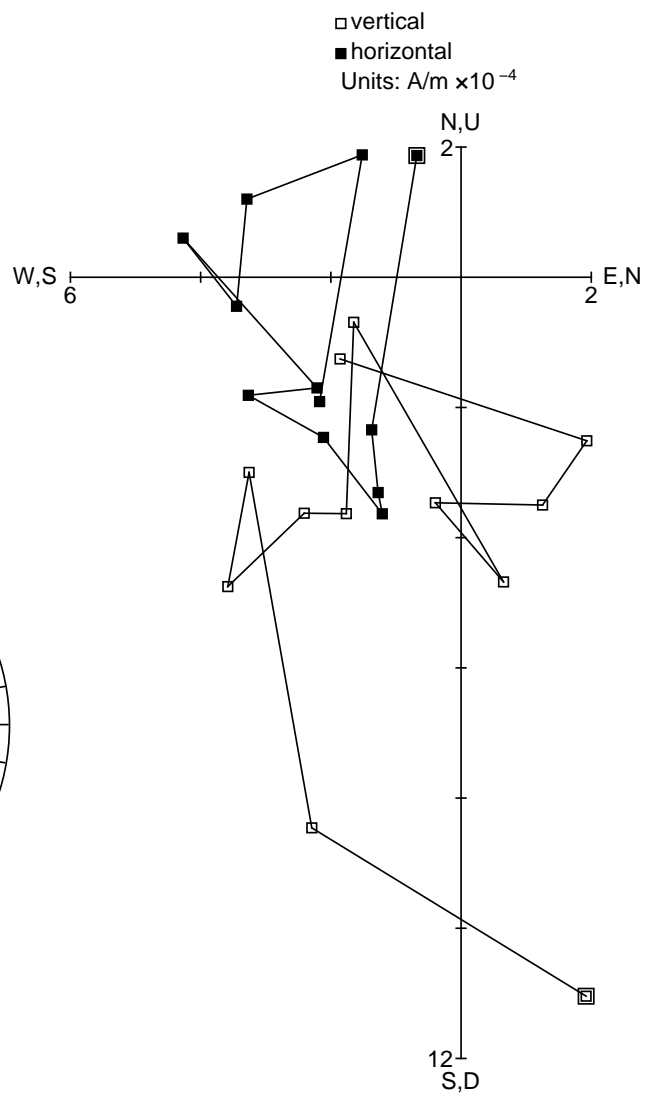
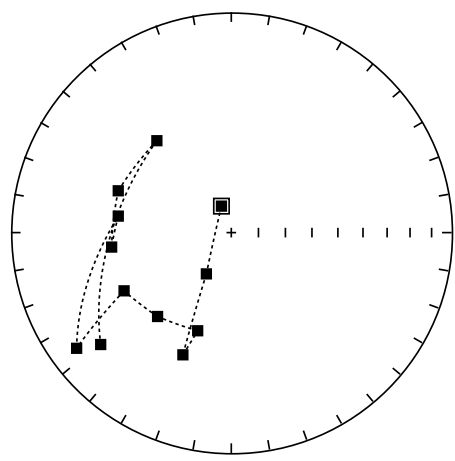
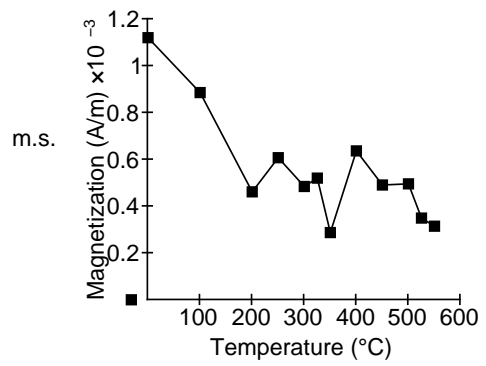
PCA dec 136.75 / inc -32.45
 PCA MAD1 31.28 / MAD3 14.10
 (-0.61 0.58 -0.54)t

	temp.	dec.	inc.	int.
	0	31.6	17.7	3.76e-04
	100	50.1	34.2	2.50e-04
	200	88.4	-34.1	2.17e-04
	300	106.9	-25.7	1.44e-04
	325	108.3	-20.5	1.47e-04
	350	89.4	-23.4	1.28e-04
*	400	119.8	-45.6	1.21e-04
*	450	136.1	-39.8	1.39e-04
*	500	121.3	-28.9	1.38e-04
*	525	145.1	-37.8	1.71e-04
*	550	139.2	-27.3	1.86e-04
*	575	141.6	-23.7	1.71e-04
*	600	121.5	-26.8	1.80e-04
*	625	143.8	-42.3	1.44e-04
*	650	146.4	-29.5	1.82e-04
*	675	223.2	-16.3	7.01e-05
*	700	21.6	-10.6	3.56e-05



Sample: 9223.0

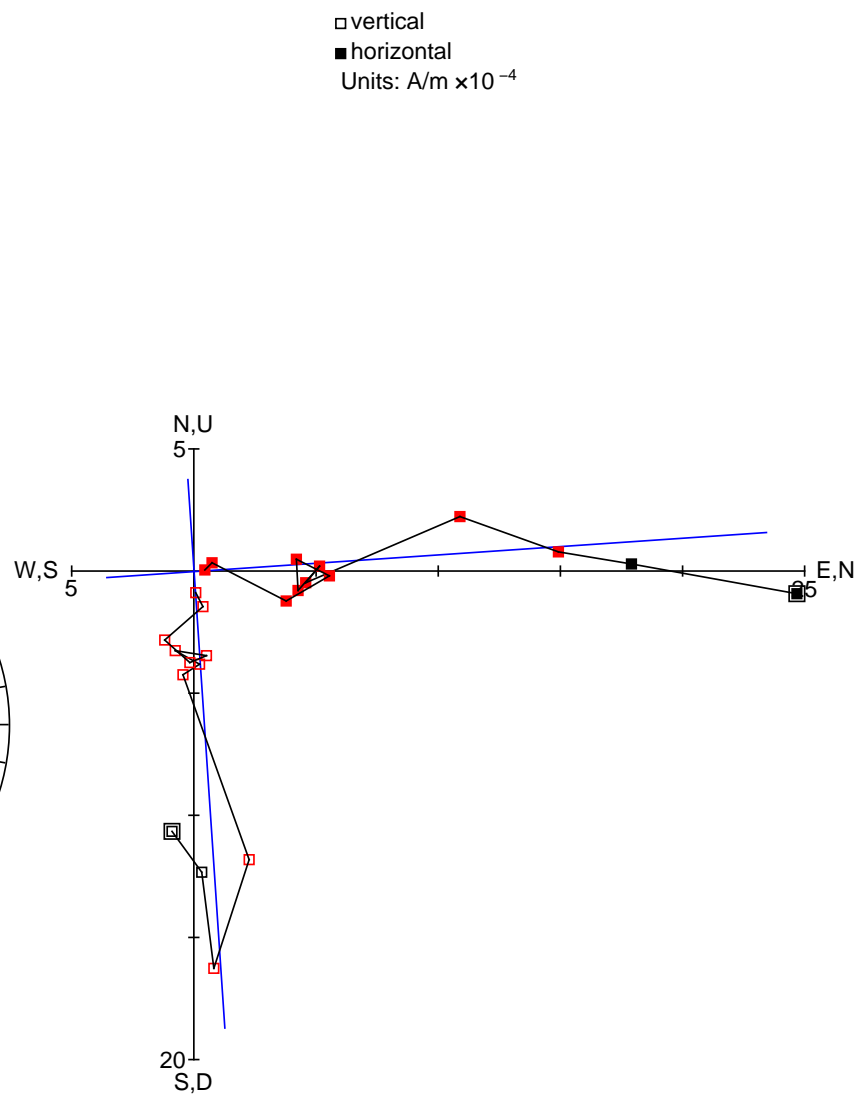
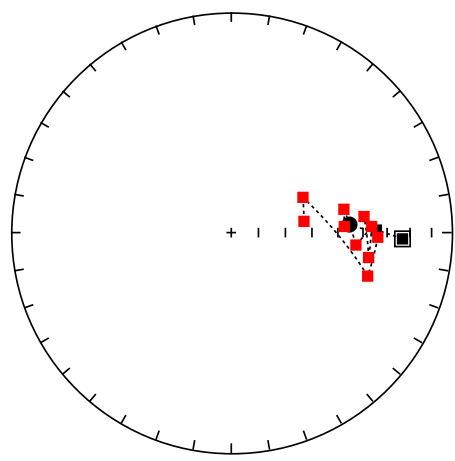
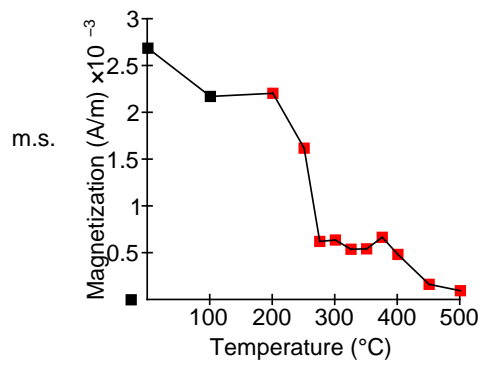
temp.	dec.	inc.	int.
0	339.6	79.6	1.12e-03
100	211.1	72.2	8.86e-04
200	201.6	40.1	4.61e-04
250	198.9	51.1	6.07e-04
300	221.3	48.0	4.84e-04
325	241.5	43.9	5.20e-04
350	233.2	13.4	2.87e-04
400	278.3	47.0	6.36e-04
450	263.1	44.5	4.91e-04
500	290.3	44.5	4.95e-04
525	321.0	45.4	3.49e-04
550	229.4	23.0	3.15e-04



Sample: 9282.0

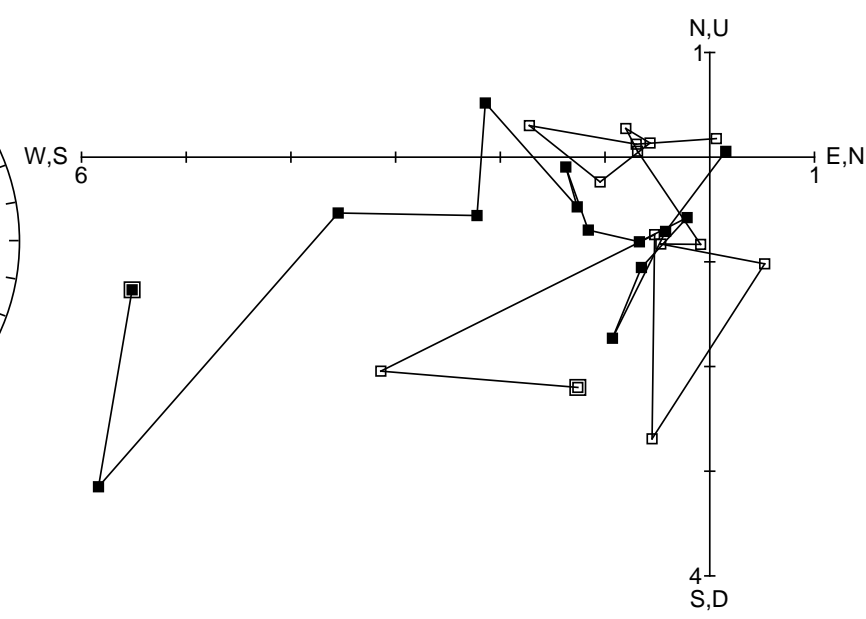
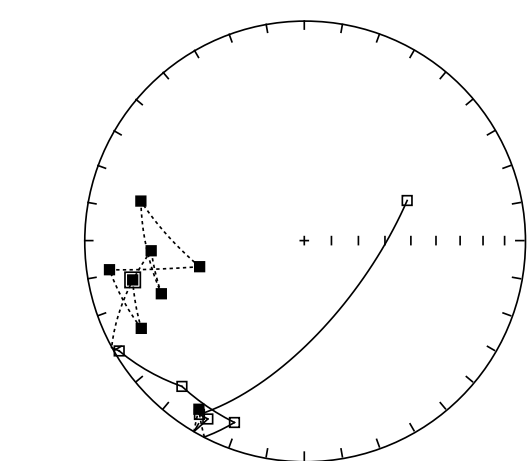
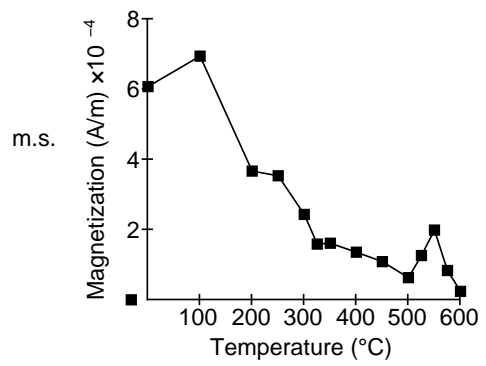
PCA dec 86.09 / inc 45.33
 PCA MAD1 27.67 / MAD3 6.36
 (0.05 0.70 0.71)t

temp.	dec.	inc.	int.
0	92.1	23.3	2.69e-03
100	89.0	34.5	2.17e-03
* 200	86.9	47.4	2.21e-03
* 250	78.3	46.7	1.62e-03
* 275	95.7	42.6	6.24e-04
* 300	87.5	36.4	6.39e-04
* 325	100.3	36.8	5.40e-04
* 350	83.1	39.2	5.44e-04
* 375	91.8	33.9	6.68e-04
* 400	107.7	35.3	4.85e-04
* 450	63.8	60.3	1.65e-04
* 500	81.2	62.7	9.70e-05



Sample: 9344.0

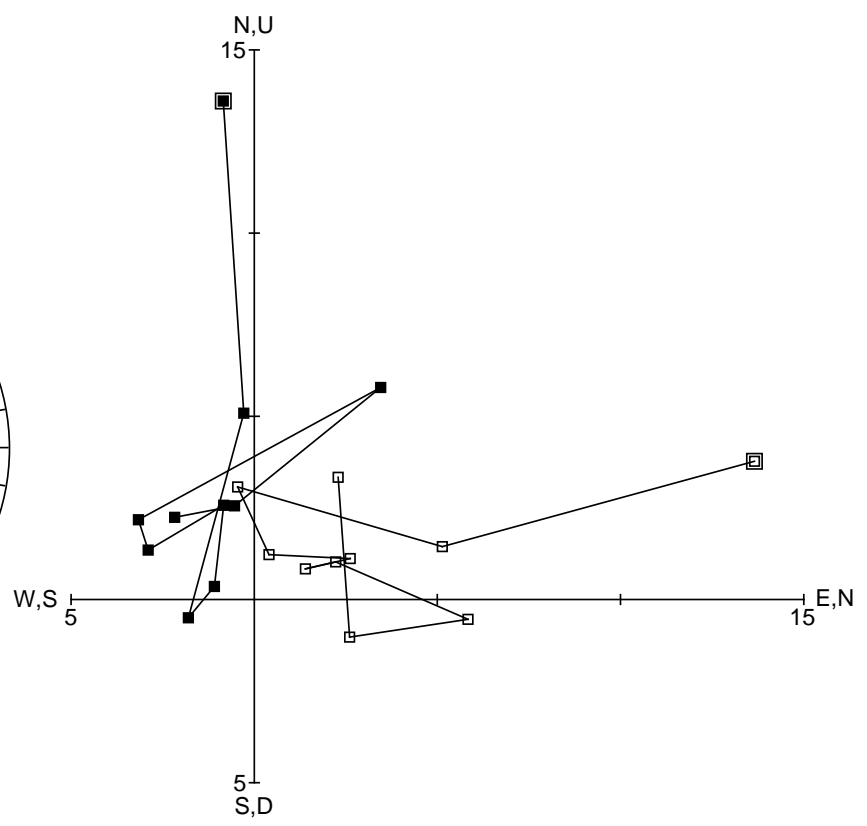
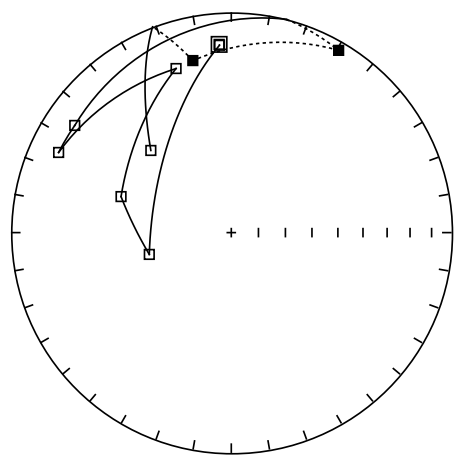
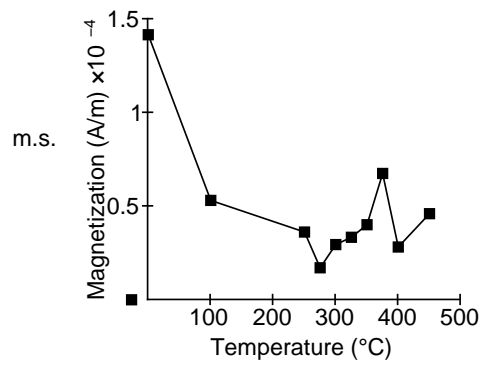
temp.	dec.	inc.	int.
0	257.1	21.2	6.08e-04
100	241.7	17.1	6.94e-04
200	261.5	11.6	3.67e-04
250	256.0	49.5	3.53e-04
300	283.6	24.7	2.43e-04
325	249.6	31.4	1.59e-04
350	266.2	31.0	1.61e-04
400	239.2	-2.5	1.36e-04
450	220.0	-14.7	1.09e-04
500	201.0	-12.6	6.31e-05
525	212.0	10.7	1.26e-04
550	208.4	-8.8	1.99e-04
575	211.1	-8.7	8.35e-05
600	68.7	-48.5	2.40e-05



□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-4}$

Sample: 9370.0

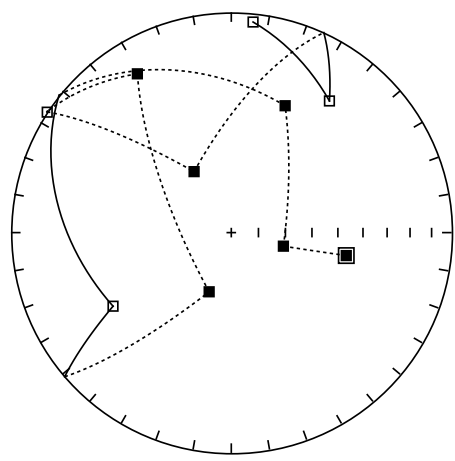
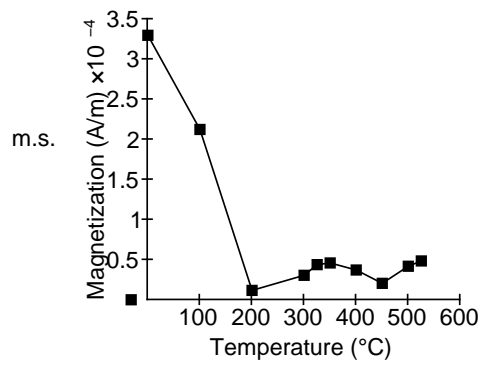
temp.	dec.	inc.	int.
0	356.3	-15.5	1.42e-04
100	356.4	-15.9	5.31e-05
250	255.1	-58.4	3.62e-05
275	288.1	-46.3	1.71e-05
300	341.4	-22.5	2.95e-05
325	294.9	-14.7	3.34e-05
350	304.4	-15.0	4.01e-05
375	30.5	4.5	6.75e-05
400	347.4	21.1	2.82e-05
450	315.6	-46.7	4.60e-05



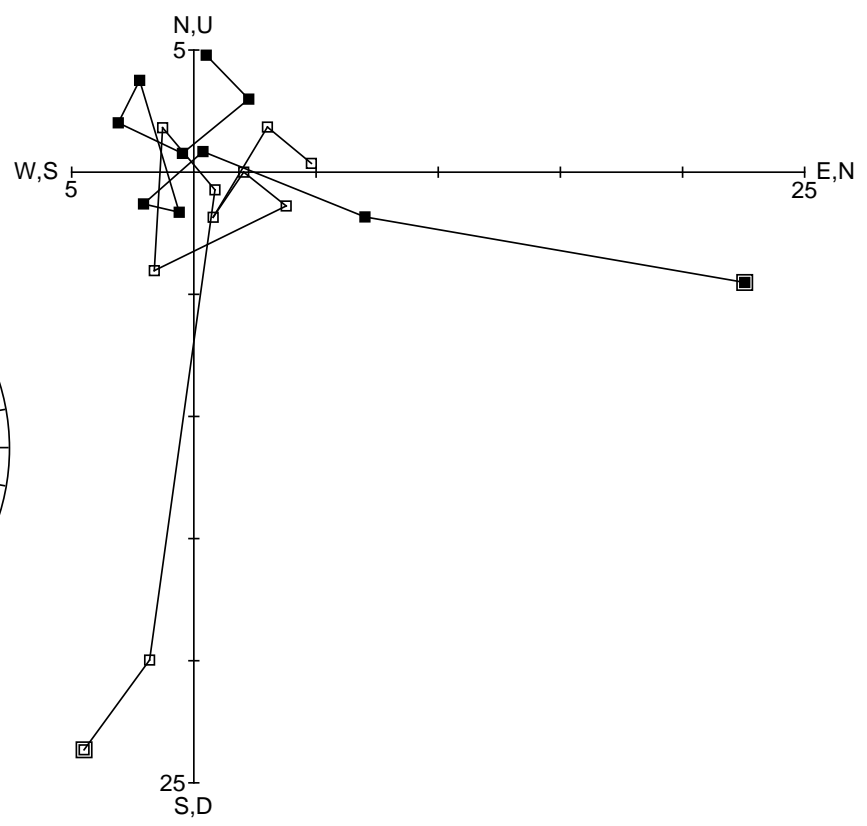
□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-5}$

Sample: 9397.0

temp.	dec.	inc.	int.
0	101.3	45.8	3.30e-04
100	104.6	70.1	2.12e-04
200	23.0	37.5	1.17e-05
300	238.1	-36.9	3.05e-05
325	200.5	66.6	4.38e-05
350	329.4	17.4	4.59e-05
400	303.2	-0.2	3.71e-05
450	328.6	63.5	2.05e-05
500	36.7	-26.4	4.18e-05
525	5.9	-4.4	4.84e-05

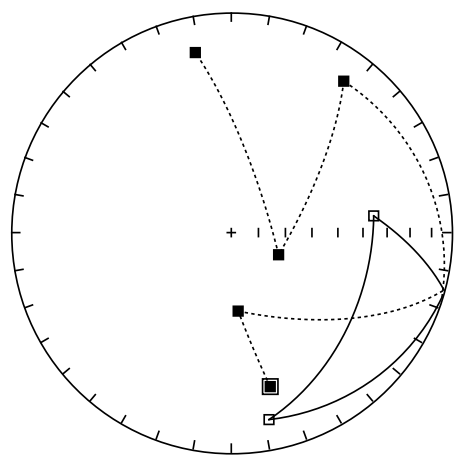
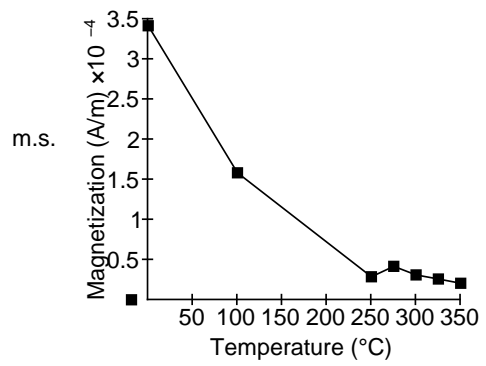


□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-5}$

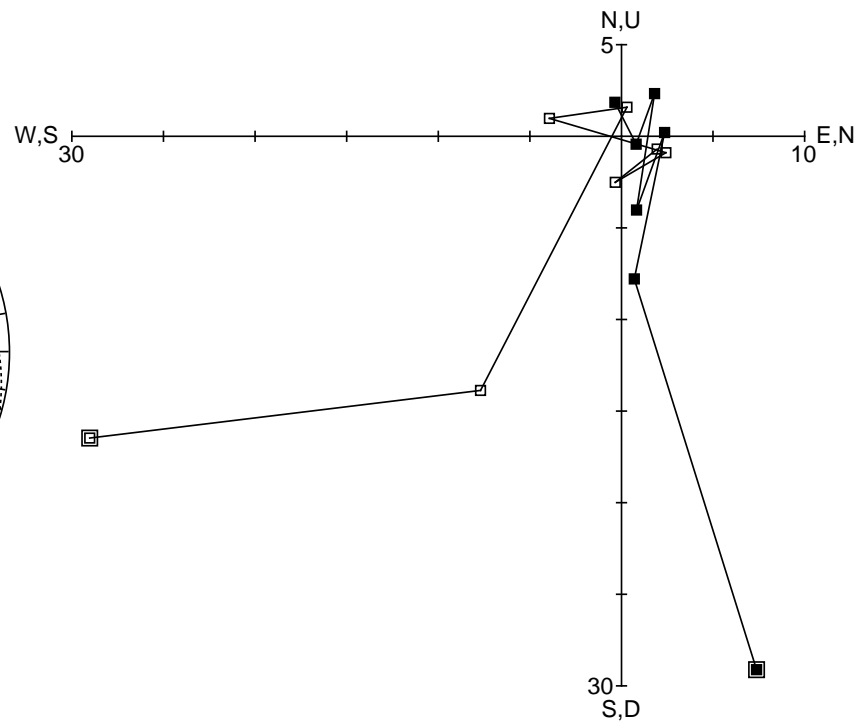


Sample: 9465.0

temp.	dec.	inc.	int.
0	165.8	28.7	3.42e-04
100	175.0	60.7	1.58e-04
250	83.3	-35.2	2.87e-05
275	168.6	-14.5	4.17e-05
300	36.6	15.5	3.10e-05
325	115.1	70.7	2.59e-05
350	348.7	17.8	2.06e-05

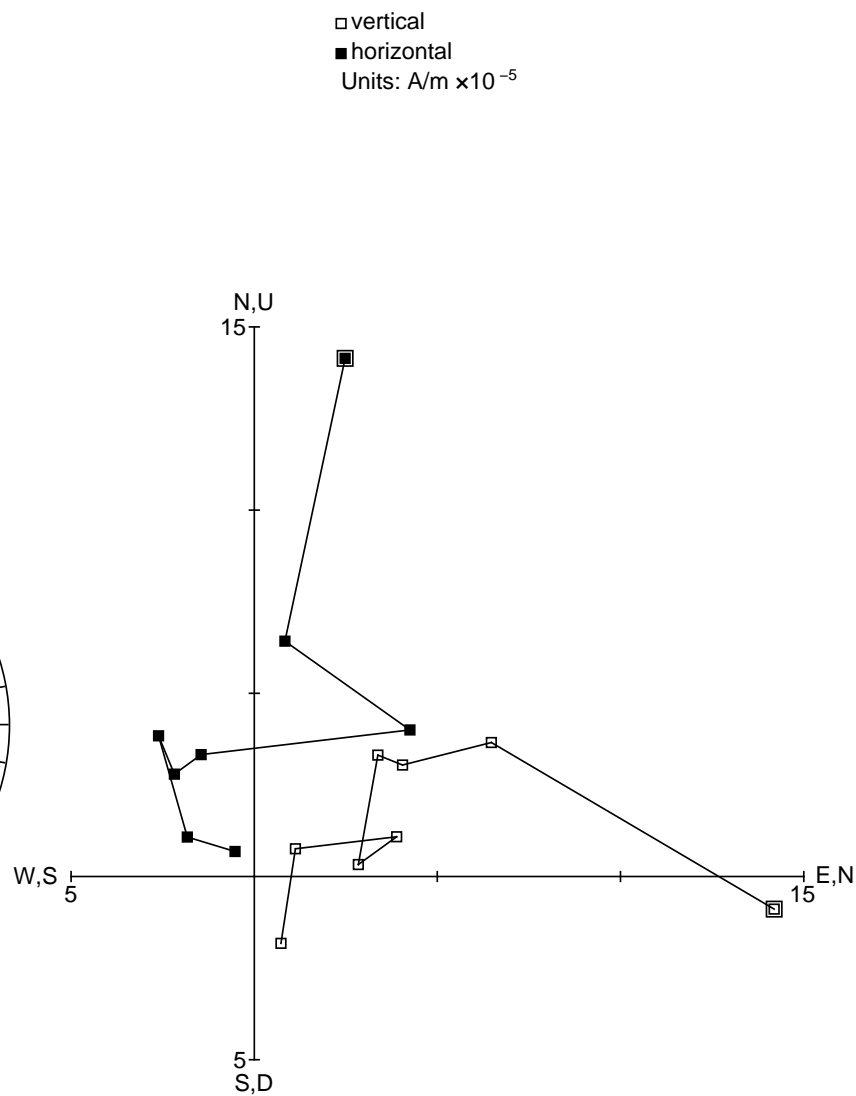
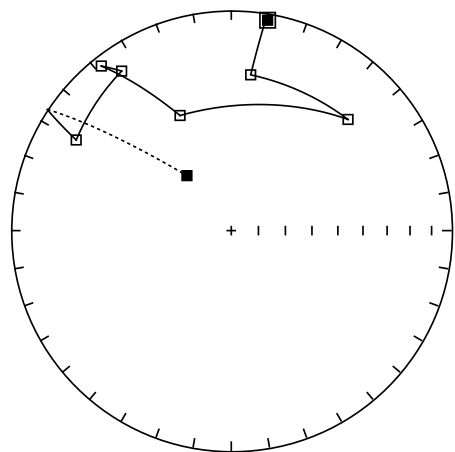
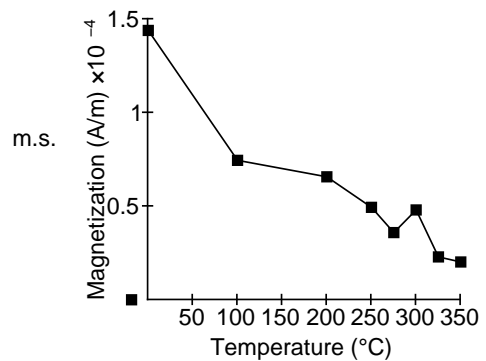


□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁵



Sample: 9497.0

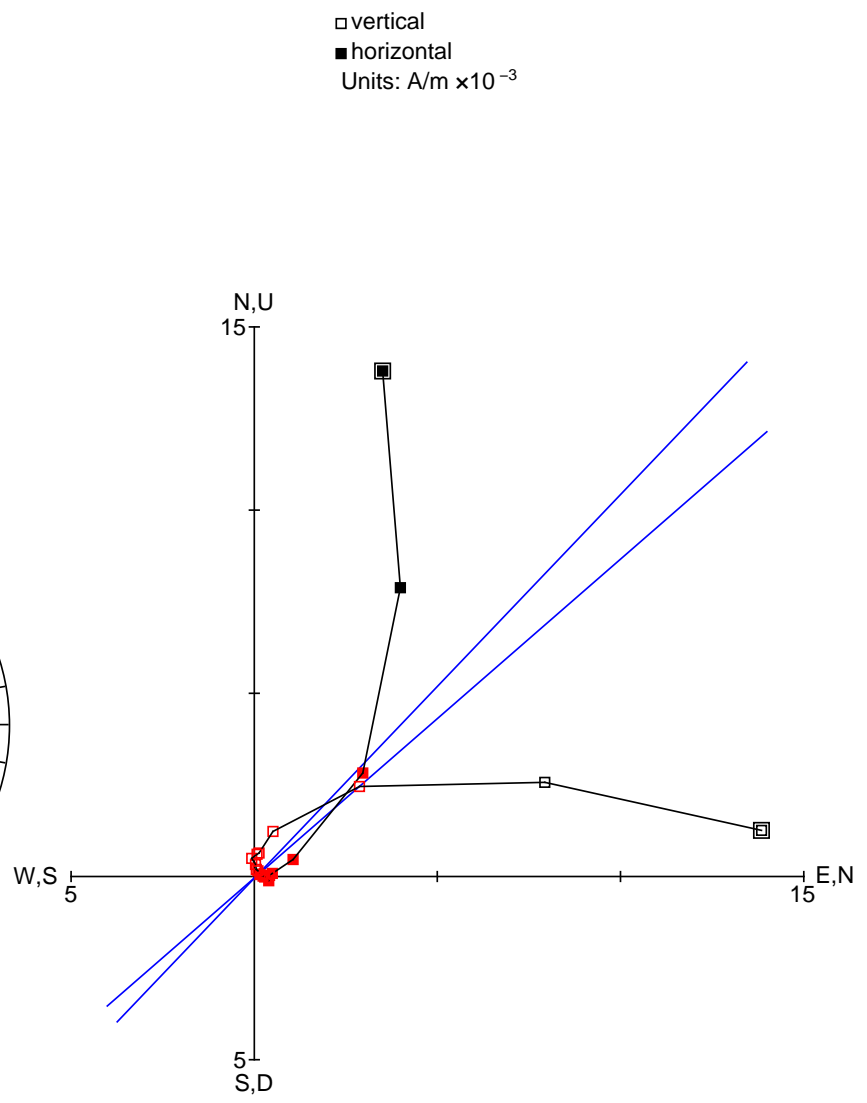
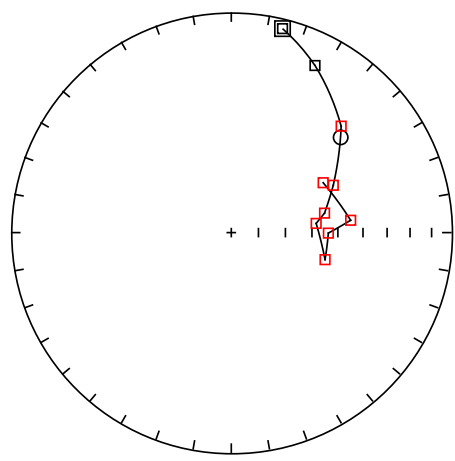
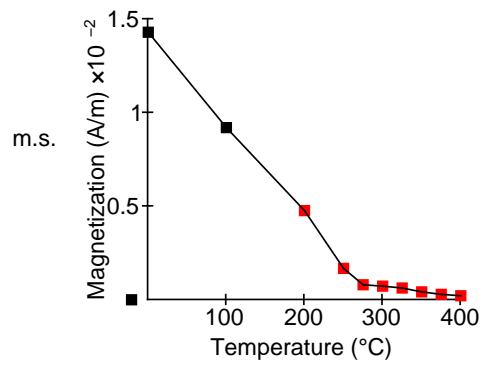
temp.	dec.	inc.	int.
0	9.8	3.5	1.44e-04
100	7.1	-29.5	7.45e-05
200	46.4	-27.7	6.57e-05
250	336.0	-42.3	4.94e-05
275	321.7	-5.4	3.59e-05
300	325.5	-13.2	4.80e-05
325	300.3	-19.6	2.29e-05
350	321.1	63.8	2.02e-05



Sample: 9550.0

PCA dec 48.96 / inc -34.53
 PCA MAD1 5.20 / MAD3 10.80
 (0.54 0.62 -0.57)t

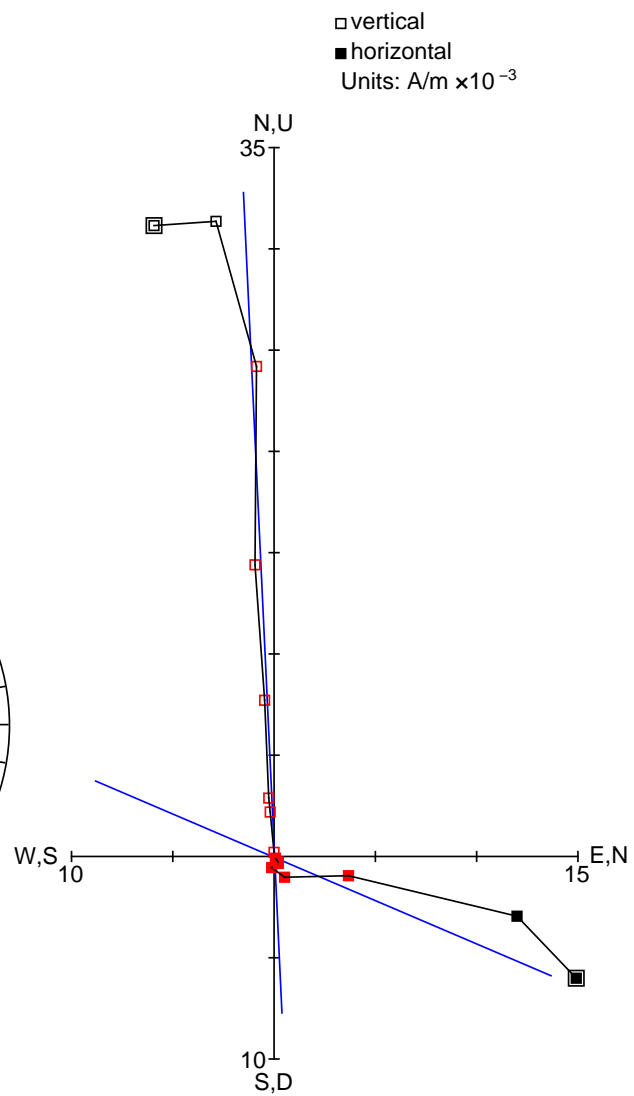
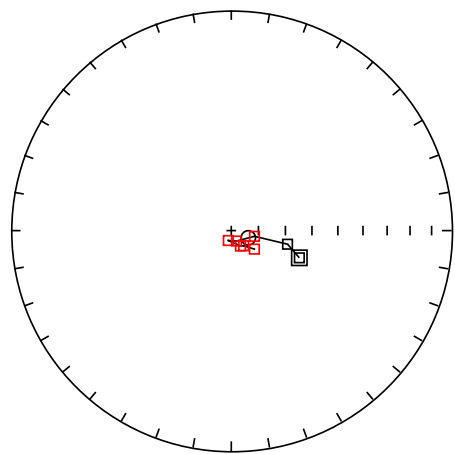
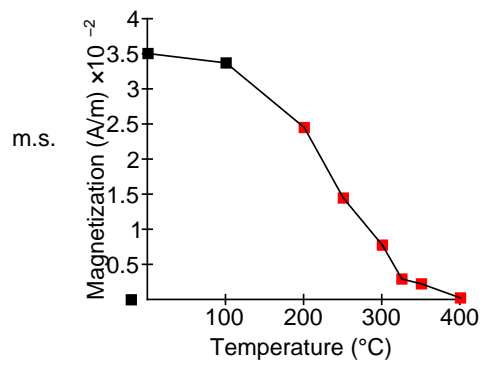
temp.	dec.	inc.	int.
0	14.1	-5.1	1.43e-02
100	26.6	-16.3	9.20e-03
* 200	45.9	-31.2	4.76e-03
* 250	65.1	-47.7	1.68e-03
* 275	78.2	-54.4	8.02e-04
* 300	83.8	-58.2	7.28e-04
* 325	106.1	-53.5	6.29e-04
* 350	90.3	-53.7	4.22e-04
* 375	84.1	-44.7	2.91e-04
* 400	61.5	-50.8	2.15e-04



Sample: 9580.0

PCA dec 113.15 / inc -83.19
 PCA MAD1 5.81 / MAD3 3.53
 (-0.05 0.11 -0.99)t

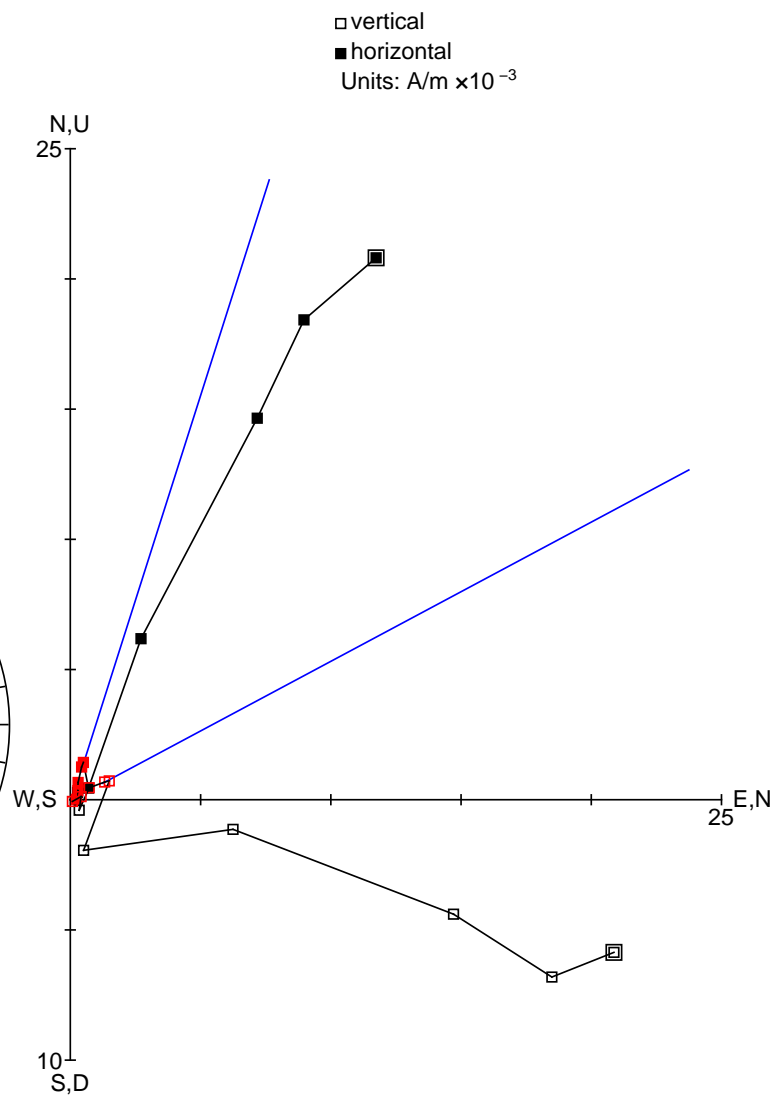
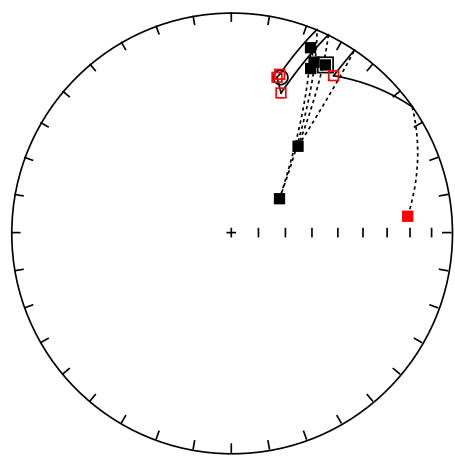
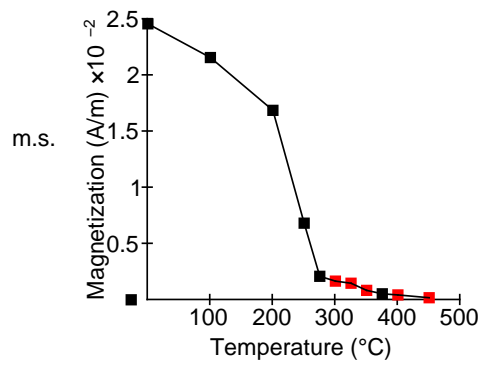
	temp.	dec.	inc.	int.
	0	111.8	-62.8	3.51e-02
	100	103.6	-68.6	3.37e-02
*	200	103.8	-81.2	2.45e-02
*	250	153.2	-85.7	1.45e-02
*	300	196.5	-86.2	7.78e-03
*	325	149.1	-83.4	2.96e-03
*	350	140.8	-82.8	2.27e-03
*	400	128.7	-79.1	2.63e-04



Sample: 9605.0

PCA dec 17.65 / inc -27.00
 PCA MAD1 23.23 / MAD3 5.92
 (0.85 0.27 -0.45)t

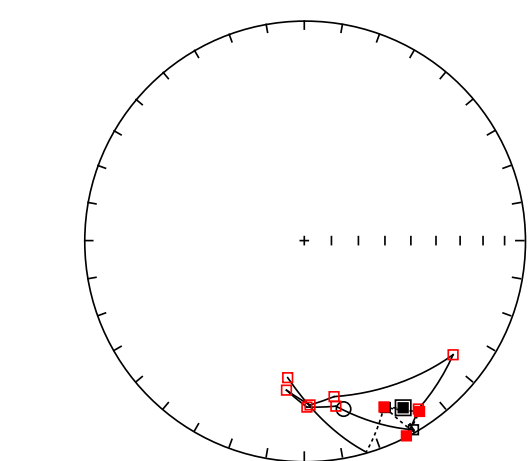
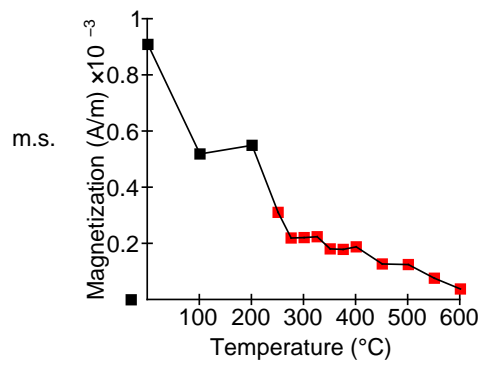
temp.	dec.	inc.	int.
0	29.3	13.8	2.46e-02
100	25.8	18.4	2.16e-02
200	25.9	15.1	1.69e-02
250	23.2	9.6	6.82e-03
275	54.9	68.2	2.09e-03
* 300	17.0	-25.8	1.66e-03
* 325	16.4	-27.4	1.48e-03
* 350	19.6	-33.2	8.40e-04
375	37.7	49.0	5.33e-04
* 400	33.1	-16.1	4.34e-04
* 450	84.7	20.7	1.85e-04



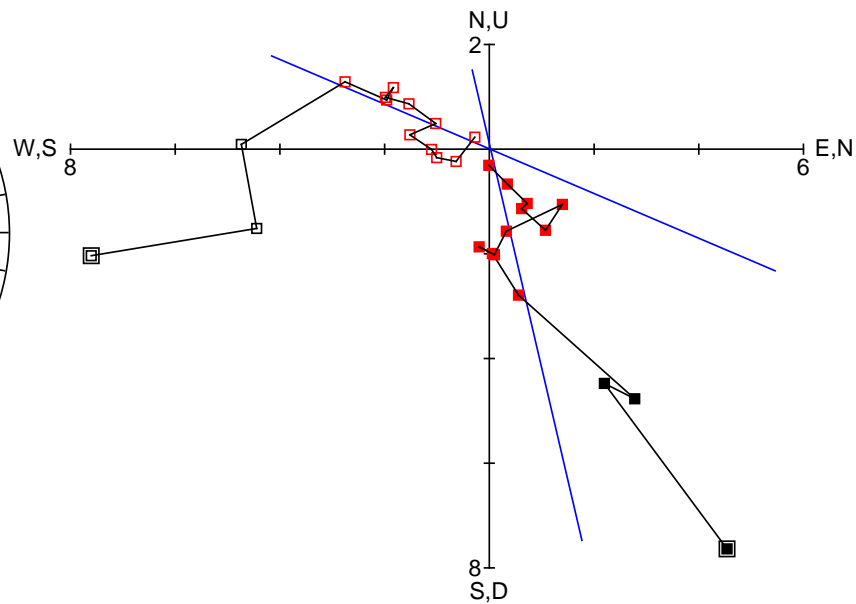
Sample: 9644.0

PCA dec 166.87 / inc -22.57
 PCA MAD1 22.77 / MAD3 18.78
 (-0.90 0.21 -0.38)t

	temp.	dec.	inc.	int.
	0	149.4	12.9	9.10e-04
	100	154.1	16.9	5.19e-04
	200	150.0	-1.0	5.50e-04
*	250	169.2	-24.5	3.11e-04
*	275	179.1	-25.4	2.20e-04
*	300	186.8	-32.2	2.22e-04
*	325	178.0	-26.3	2.25e-04
*	350	169.2	-28.7	1.81e-04
*	375	127.5	-16.0	1.80e-04
*	400	145.9	-8.5	1.89e-04
*	450	152.4	0.0	1.28e-04
*	500	146.0	7.2	1.26e-04
*	550	154.4	17.4	7.69e-05
*	600	186.9	-37.4	3.85e-05



□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-4}$

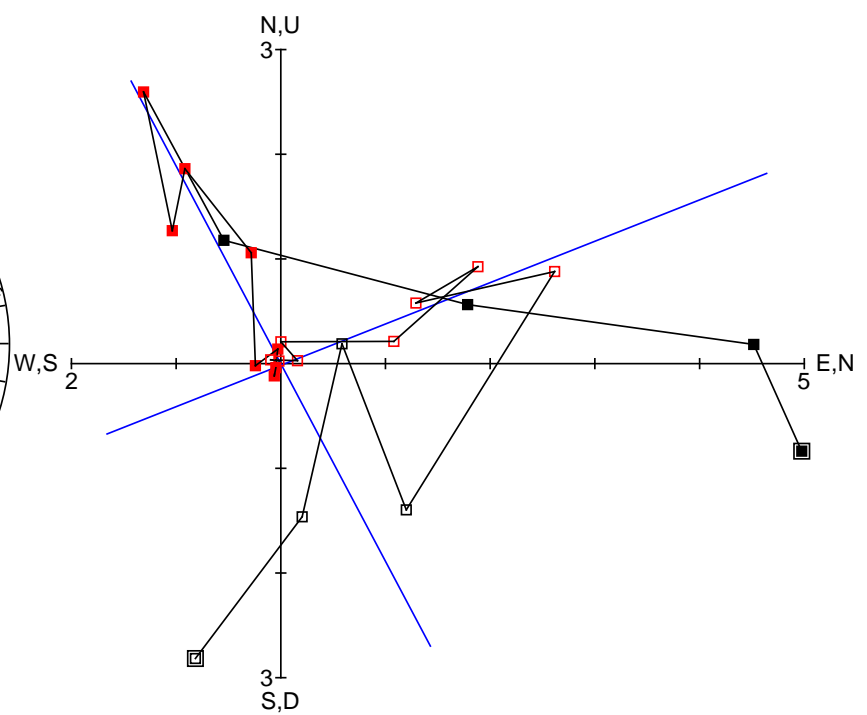
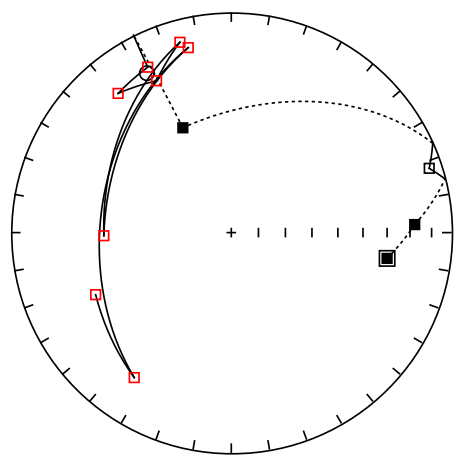
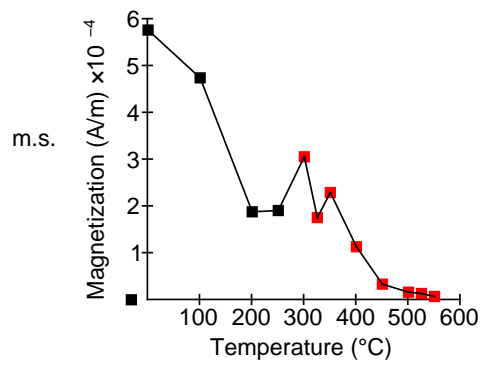


Sample: 9672.0

PCA dec 332.09 / inc -19.24
 PCA MAD1 26.22 / MAD3 7.76
 (0.83 -0.44 -0.33)t

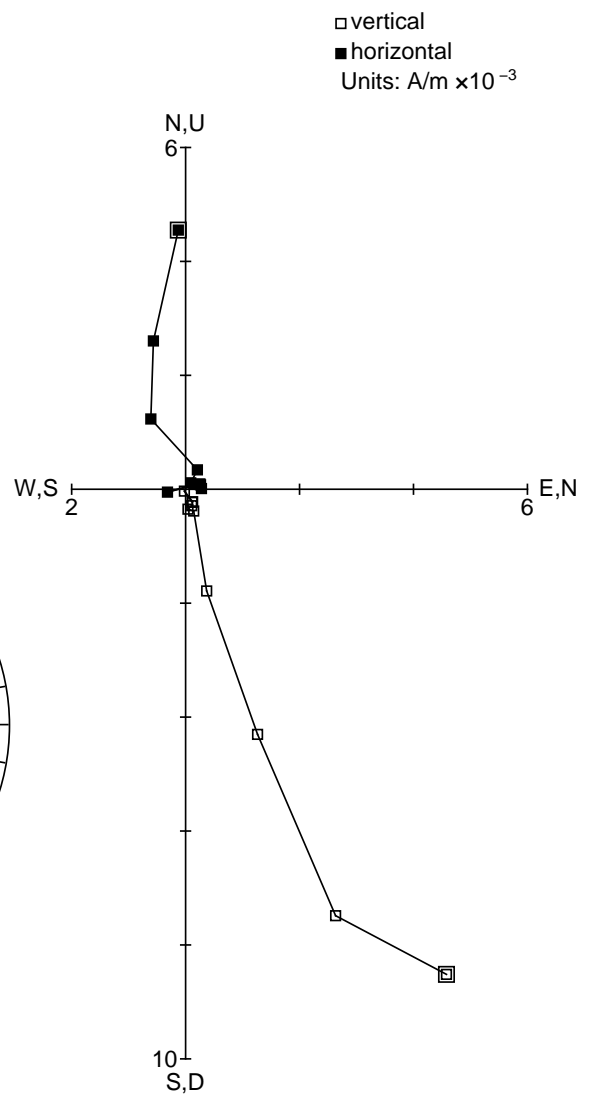
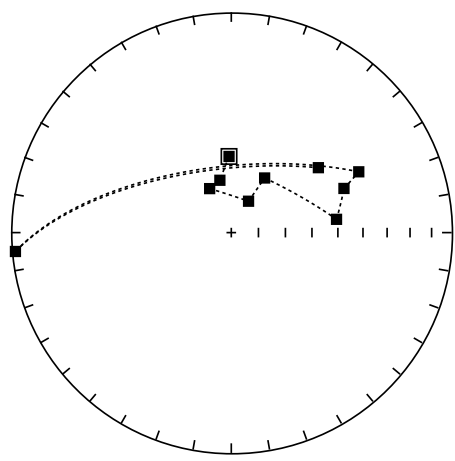
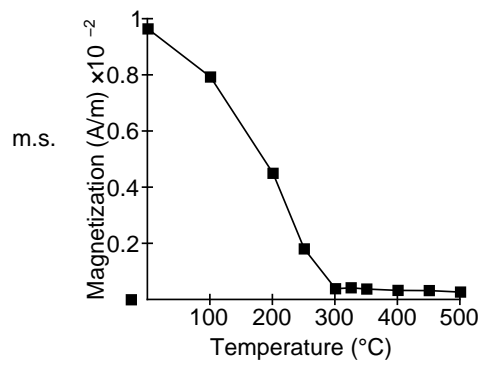
	temp.	dec.	inc.	int.
	0	99.4	29.1	5.76e-04
	100	87.5	17.8	4.74e-04
	200	72.0	-6.2	1.88e-04
	250	335.2	46.5	1.91e-04
*	300	333.2	-17.0	3.06e-04
*	325	320.9	-19.7	1.76e-04
*	350	333.8	-24.2	2.29e-04
*	400	344.9	-11.5	1.13e-04
*	450	268.6	-41.7	3.34e-05
*	500	346.9	-14.9	1.62e-05
*	525	213.8	-21.9	1.34e-05
*	550	245.4	-32.8	7.10e-06

□ vertical
 ■ horizontal
 Units: A/m × 10⁻⁴



Sample: 9726.0

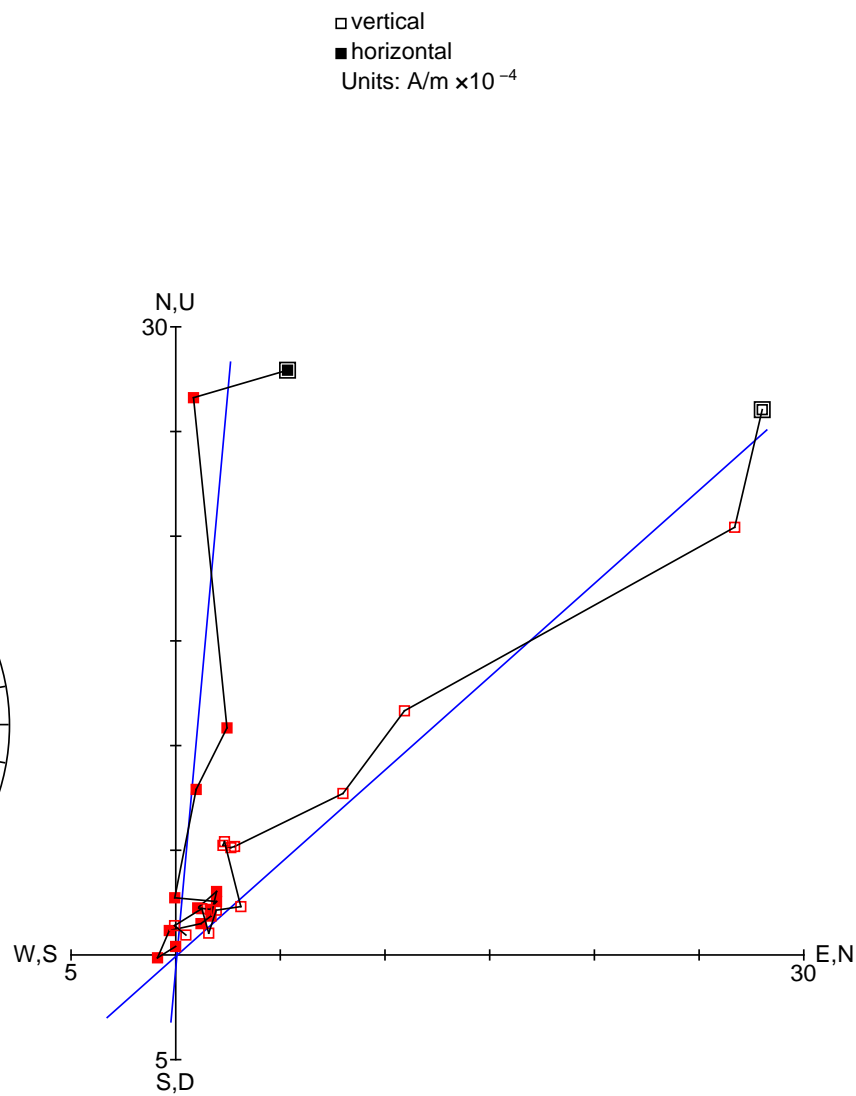
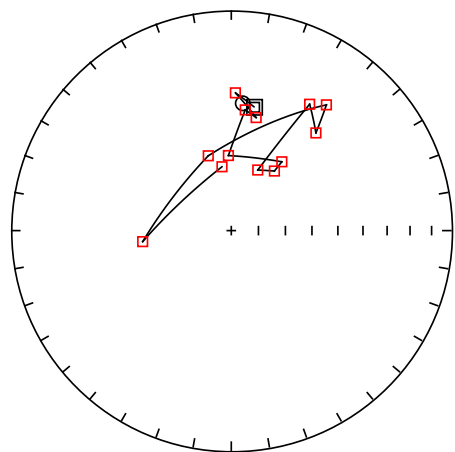
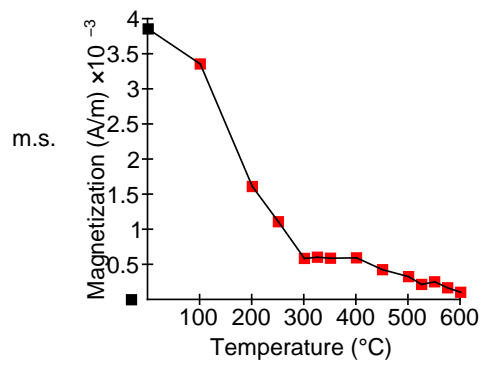
temp.	dec.	inc.	int.
0	358.3	61.7	9.65e-03
100	347.7	70.2	7.93e-03
200	333.8	71.9	4.50e-03
250	28.8	76.8	1.81e-03
300	31.4	66.3	3.93e-04
325	82.8	50.2	4.26e-04
350	68.6	44.3	3.82e-04
400	64.5	36.1	3.34e-04
450	265.0	1.9	3.27e-04
500	53.3	49.2	2.74e-04



Sample: 9752.0

PCA dec 5.16 / inc -41.58
 PCA MAD1 27.75 / MAD3 9.65
 (0.75 0.07 -0.66)t

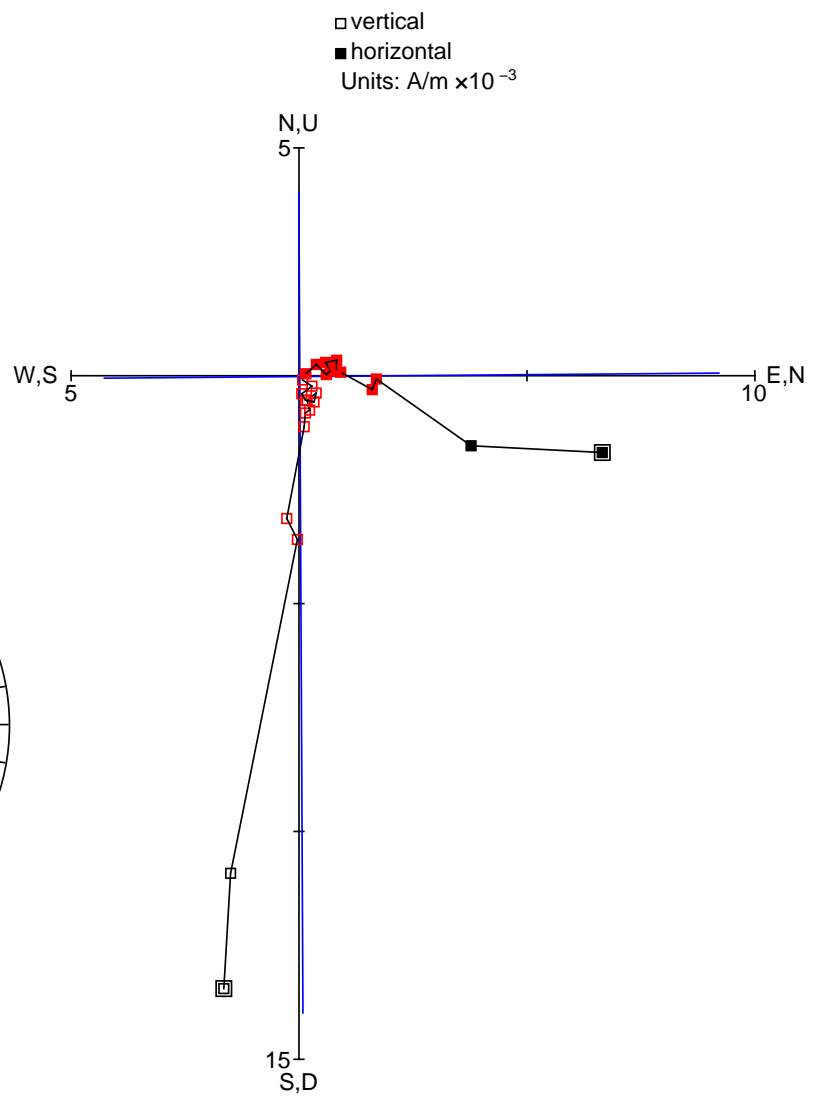
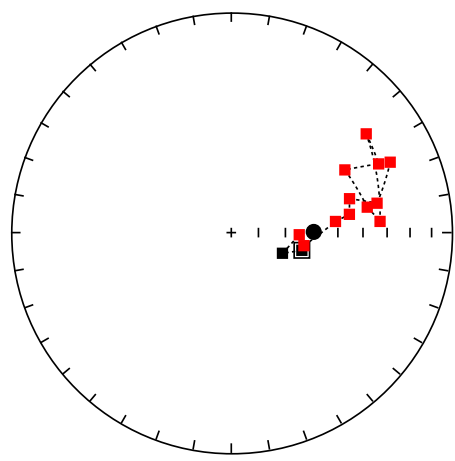
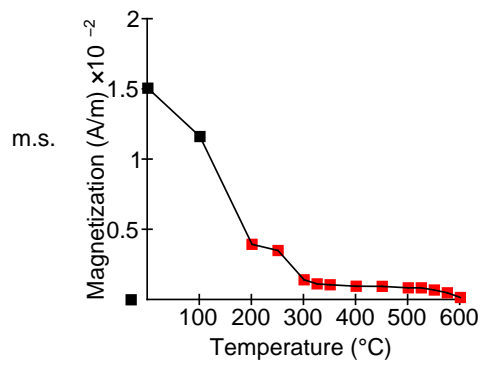
	temp.	dec.	inc.	int.
	0	10.7	-42.5	3.86e-03
*	100	1.7	-37.5	3.36e-03
*	200	12.4	-46.4	1.61e-03
*	250	6.6	-44.1	1.11e-03
*	300	357.8	-62.1	5.89e-04
*	325	36.3	-58.2	6.06e-04
*	350	35.9	-62.7	5.91e-04
*	400	23.6	-65.5	5.97e-04
*	450	31.8	-33.0	4.28e-04
*	500	40.9	-41.0	3.29e-04
*	525	37.1	-29.2	2.18e-04
*	550	342.9	-60.9	2.56e-04
*	575	262.9	-56.7	1.70e-04
*	600	351.7	-66.1	1.06e-04



Sample: 9788.0

PCA dec 89.52 / inc 59.32
 PCA MAD1 15.51 / MAD3 12.07
 (0.00 0.51 0.86)t

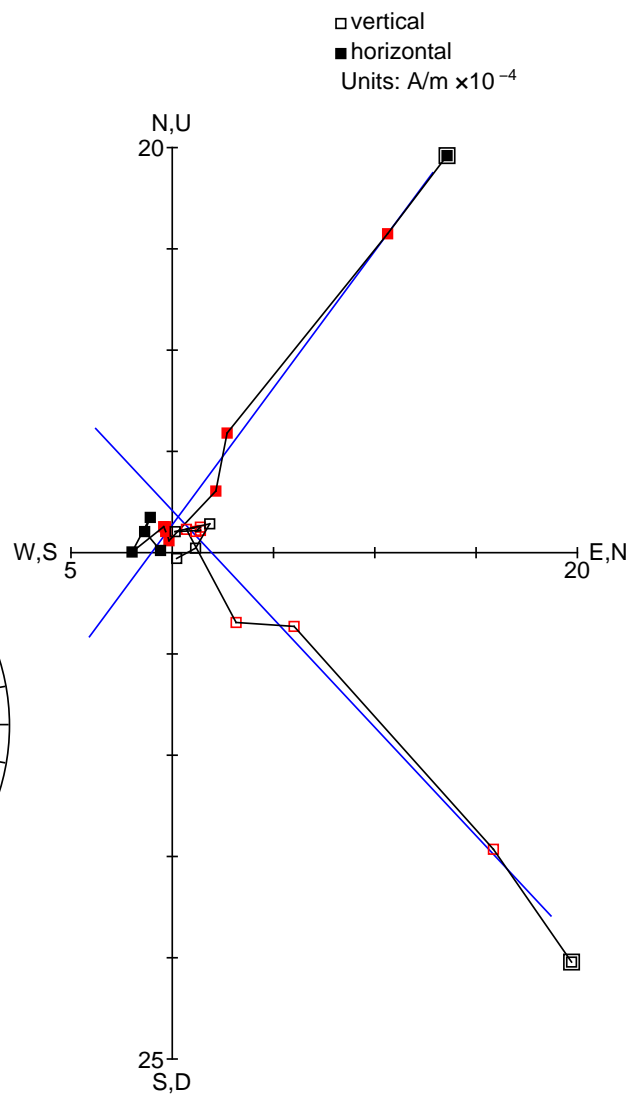
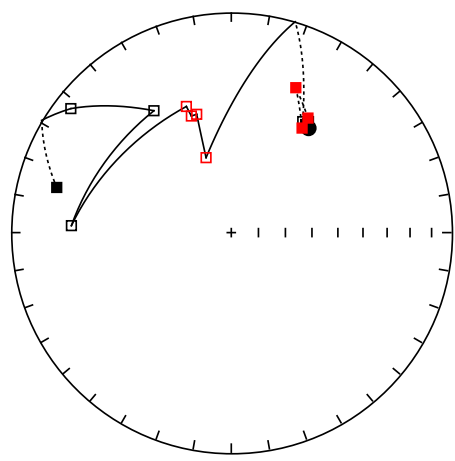
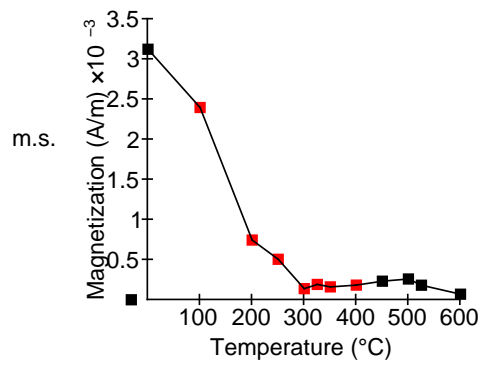
temp.	dec.	inc.	int.
0	104.1	63.0	1.51e-02
100	112.0	69.6	1.16e-02
* 200	91.8	64.8	3.95e-03
* 250	100.2	62.6	3.51e-03
* 300	83.9	50.7	1.42e-03
* 325	81.2	44.9	1.13e-03
* 350	74.0	43.5	1.07e-03
* 400	78.6	33.0	9.65e-04
* 450	66.1	22.2	9.56e-04
* 500	61.1	40.8	8.52e-04
* 525	79.4	37.3	8.50e-04
* 550	85.7	32.8	6.95e-04
* 575	53.8	25.1	4.97e-04
* 600	65.0	27.1	1.64e-04



Sample: 9820.0

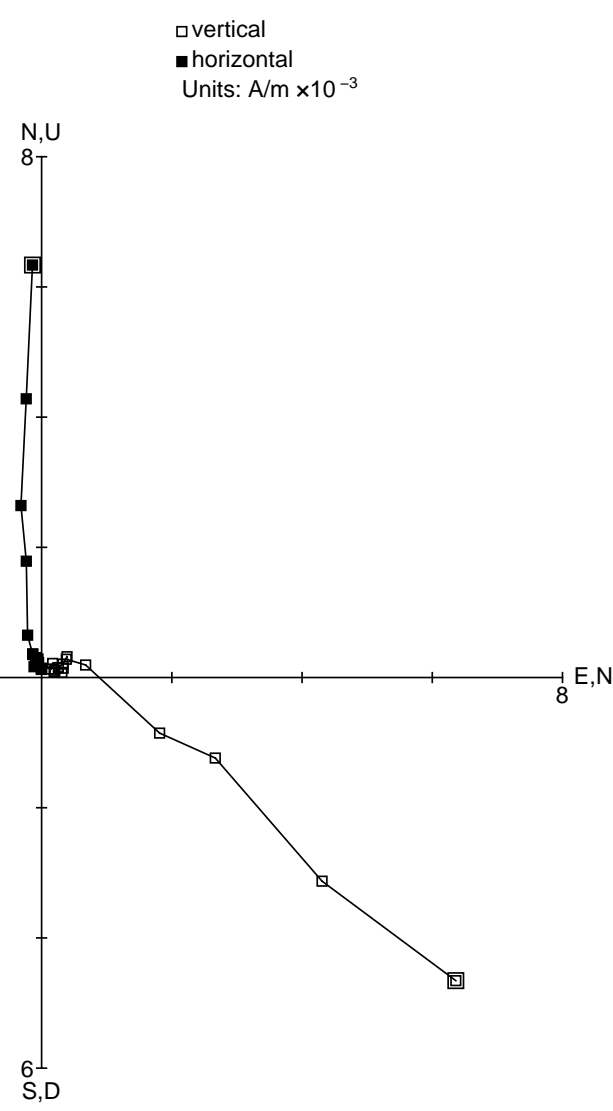
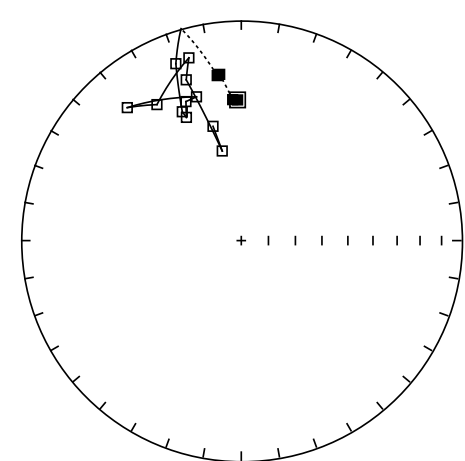
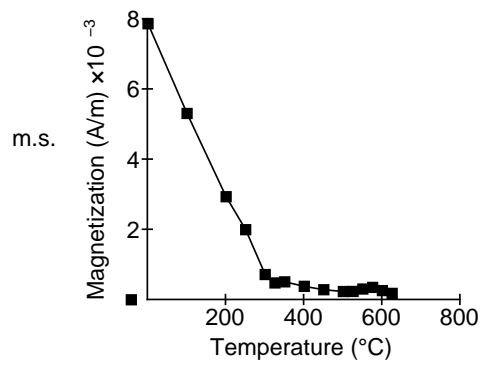
PCA dec 36.49 / inc 40.72
 PCA MAD1 14.47 / MAD3 4.58
 (4.18 1.98 2.40)e-4 + (0.61 0.45 0.65)t

	temp.	dec.	inc.	int.
	0	34.5	40.2	3.12e-03
*	100	33.8	37.5	2.40e-03
*	200	24.0	28.8	7.44e-04
*	250	34.1	42.2	5.05e-04
*	300	341.4	-60.6	1.39e-04
*	325	343.7	-43.4	1.91e-04
*	350	341.1	-43.4	1.60e-04
*	400	340.4	-39.1	1.83e-04
	450	272.5	-28.2	2.32e-04
	500	327.6	-34.8	2.59e-04
	525	307.7	-8.8	1.81e-04
	600	284.5	19.3	6.94e-05



Sample: 9889.0

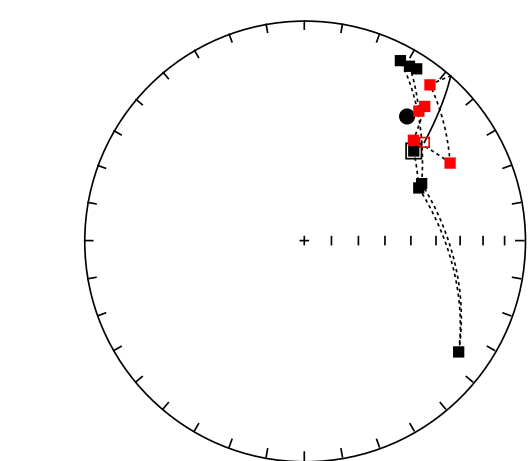
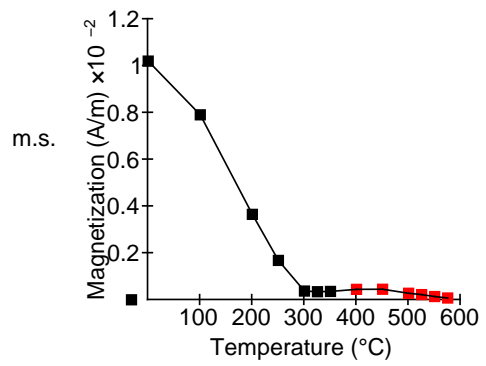
temp.	dec.	inc.	int.
0	358.5	36.3	7.86e-03
100	356.5	36.1	5.31e-03
200	352.6	24.9	2.94e-03
250	351.7	25.3	2.00e-03
300	339.7	-15.5	7.20e-04
325	335.4	-35.9	4.80e-04
350	336.0	-38.7	5.11e-04
400	338.3	-32.6	3.84e-04
450	342.7	-32.2	2.87e-04
500	319.4	-21.6	2.35e-04
525	328.2	-28.2	2.38e-04
550	344.0	-14.8	3.07e-04
575	341.1	-23.9	3.53e-04
600	348.0	-55.8	2.62e-04
625	346.1	-45.6	1.83e-04



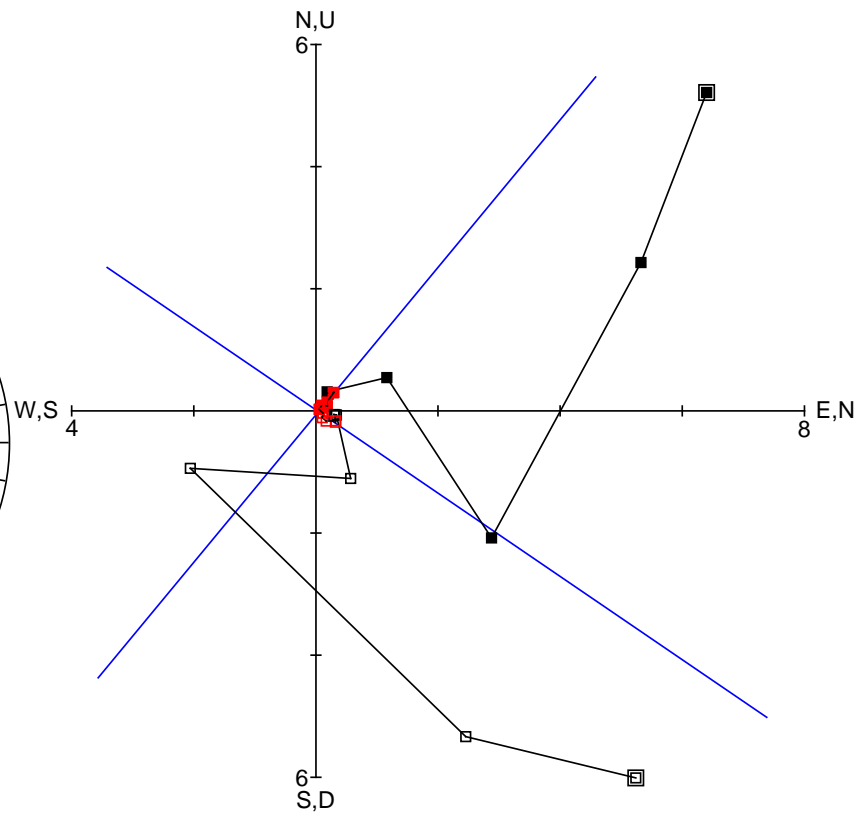
Sample: 9913.0

PCA dec 39.62 / inc 27.71
 PCA MAD1 25.29 / MAD3 15.61
 (1.71 1.74 0.93)e-4 + (0.68 0.56 0.47)t

temp.	dec.	inc.	int.
0	50.7	36.0	1.02e-02
100	65.3	42.3	7.91e-03
200	125.8	14.7	3.65e-03
250	64.1	40.5	1.68e-03
300	28.1	8.2	3.73e-04
325	33.2	7.6	3.45e-04
350	31.1	8.4	3.58e-04
* 400	41.5	22.6	4.47e-04
* 450	41.9	19.3	4.51e-04
* 500	47.4	33.2	2.80e-04
* 525	62.0	26.0	2.22e-04
* 550	38.9	10.1	1.39e-04
* 575	50.7	-30.3	7.61e-05



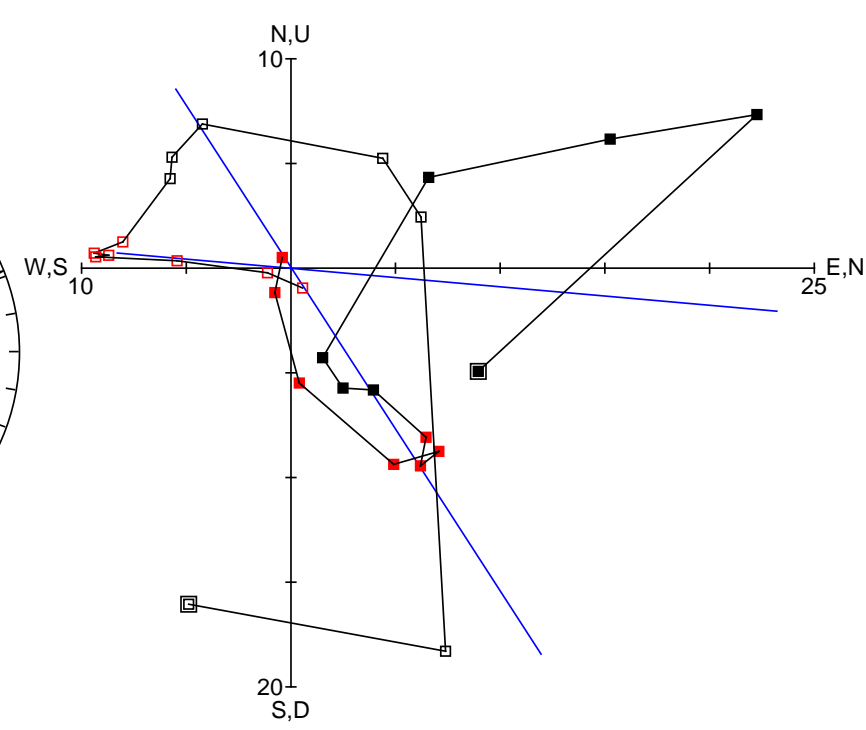
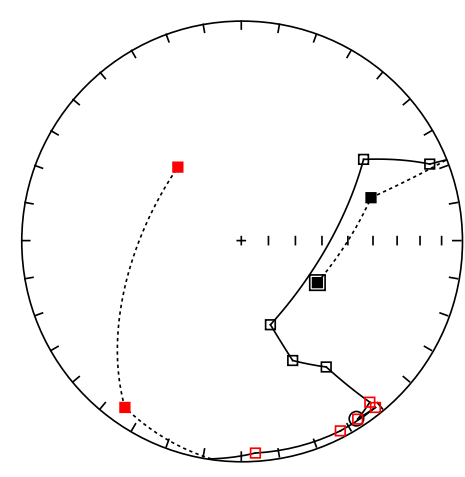
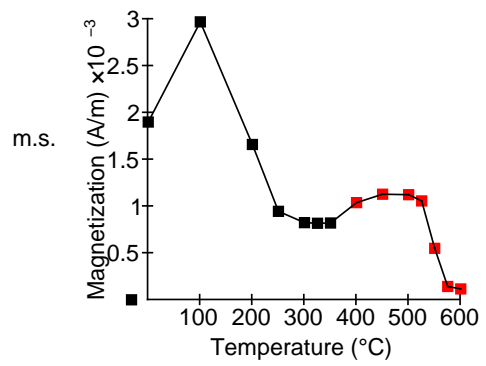
□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-3}$



Sample: 9945.0

PCA dec 147.12 / inc -4.24
 PCA MAD1 17.09 / MAD3 9.34
 (-0.84 0.54 -0.07)t

	temp.	dec.	inc.	int.
	0	118.9	57.6	1.90e-03
	100	71.7	38.0	2.97e-03
	200	67.9	-8.5	1.66e-03
	250	56.4	-33.8	9.45e-04
	300	160.9	-56.8	8.24e-04
	325	156.8	-40.5	8.18e-04
	350	146.1	-31.5	8.21e-04
*	400	141.5	-7.0	1.04e-03
*	450	146.9	-3.7	1.13e-03
*	500	141.2	-3.2	1.12e-03
*	525	152.5	-3.0	1.06e-03
*	550	176.2	-3.8	5.50e-04
*	575	214.9	8.5	1.42e-04
*	600	319.2	53.7	1.16e-04



□ vertical
 ■ horizontal
 Units: A/m $\times 10^{-4}$

Sample: 9972.0

PCA dec 189.43 / inc -58.32
 PCA MAD1 37.54 / MAD3 9.38
 (-1.89 0.35 -2.89)e-4 + (-0.52 -0.09 -0.85)t

	temp.	dec.	inc.	int.	m.s.
	0	50.5	-66.2	3.06e-03	
	100	251.3	-84.0	2.25e-03	
	200	222.1	-70.0	1.73e-03	
	250	207.2	-67.2	1.24e-03	
*	300	186.0	-63.2	9.76e-04	
*	325	181.8	-52.1	7.97e-04	
*	350	178.6	-55.8	6.50e-04	
*	400	143.5	-41.6	3.07e-04	
*	450	67.1	-4.7	1.05e-04	
*	500	10.0	59.2	1.35e-04	
*	525	50.6	58.7	1.30e-04	

