

Sample: 1B.1

PCA dec 1.70 / inc 51.63
PCA MAD1 36.50 / MAD3 4.44
(0.62 0.02 0.78)t

	temp.	dec.	inc.	int.	m.s.
*	25	1.6	52.9	1.43e-02	2.8e01
*	120	357.0	50.6	1.21e-02	2.8e01
*	160	4.2	54.3	6.27e-03	2.9e01
*	200	2.4	47.6	5.54e-03	2.9e01
*	240	0.8	50.3	5.15e-03	2.8e01
*	280	11.5	44.7	4.87e-03	2.6e01
*	320	20.5	50.6	3.58e-03	2.7e01
*	360	42.0	64.3	2.37e-03	2.7e01
	400	211.8	-25.9	8.31e-04	2.8e01
	440	144.7	-11.5	1.33e-03	3.3e01
	480	226.7	33.3	1.24e-03	3.4e01

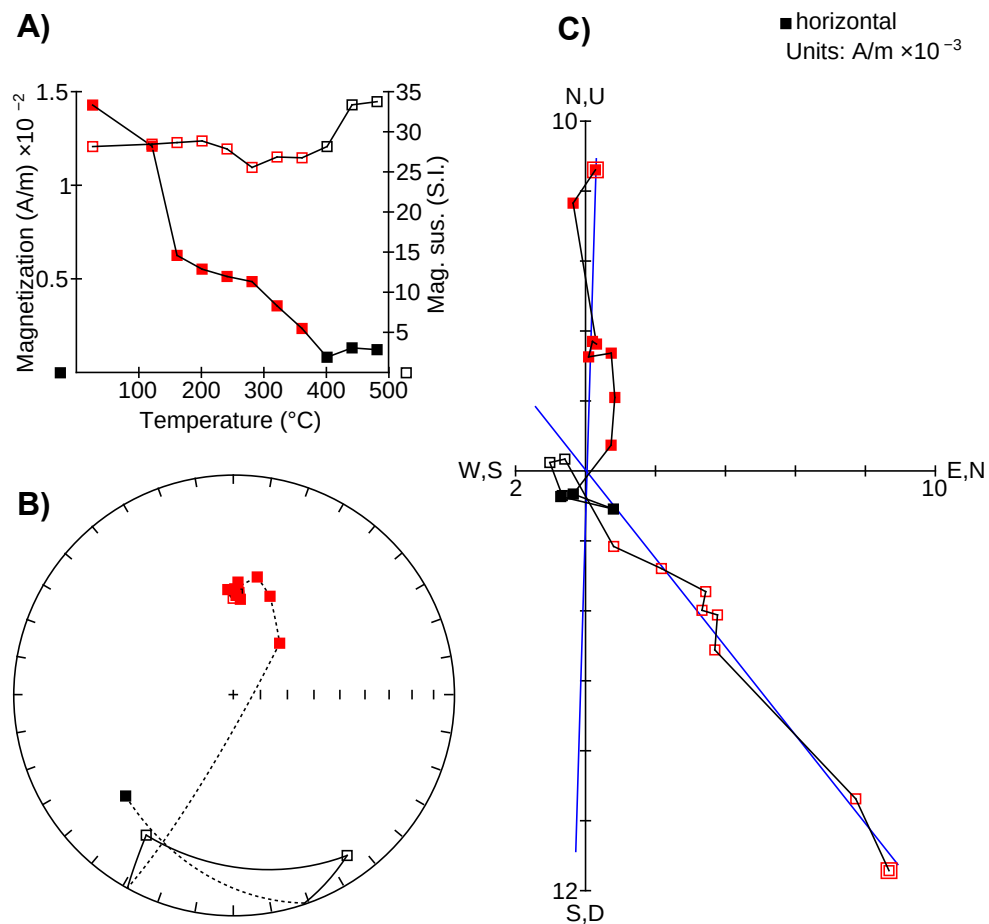


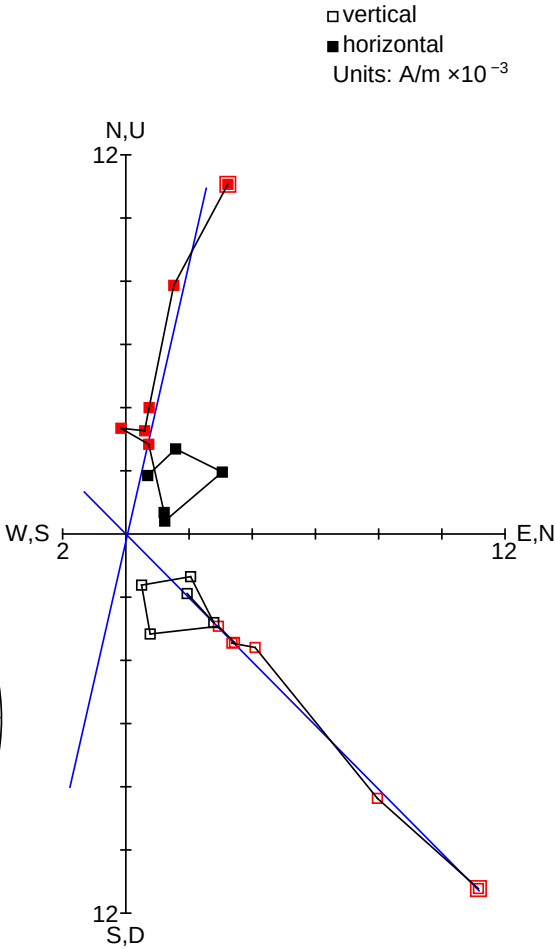
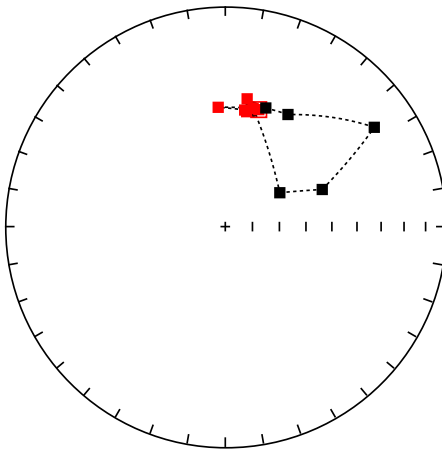
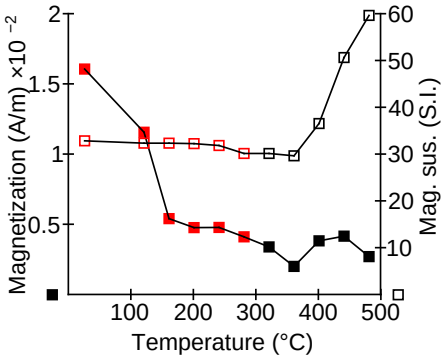
Figure S1

A) Thermal demagnetization steps showing intensity of remanent magnetization (■), and magnetic susceptibility (□), **B)** stereographic (■ = positive inclination values, □ = negative inclination values), and **C)** orthogonal plots for samples analysed for paleomagnetism. Temp. = temperature step, dec. = declination, inc. = inclination, int. = intensity of remanent magnetization, and m.s. = magnetic susceptibility. Stable magnetic remanences (*, data points highlighted in red) were used for principal component analysis, and the resulting characteristic remanent components (ChRM declination and inclination) toward the origin point are shown with blue lines. Anomalously high remanent magnetization intensities were removed from the plots (-) for clarity.

Sample: 2A.1

PCA dec 12.82 / inc 44.57
PCA MAD1 19.88 / MAD3 3.44
(0.69 0.16 0.70)t

	temp.	dec.	inc.	int.	m.s.
*	25	16.0	44.0	1.61e-02	3.3e01
*	120	10.5	45.9	1.16e-02	3.2e01
*	160	9.7	40.8	5.42e-03	3.2e01
*	200	9.4	45.4	4.79e-03	3.2e01
*	240	356.6	44.9	4.80e-03	3.2e01
*	280	13.3	44.1	4.13e-03	3.0e01
	320	58.1	66.2	3.41e-03	3.0e01
	360	69.1	51.1	2.02e-03	3.0e01
	400	56.3	19.9	3.84e-03	3.7e01
	440	29.2	41.3	4.18e-03	5.1e01
	480	18.9	42.6	2.72e-03	6.0e01

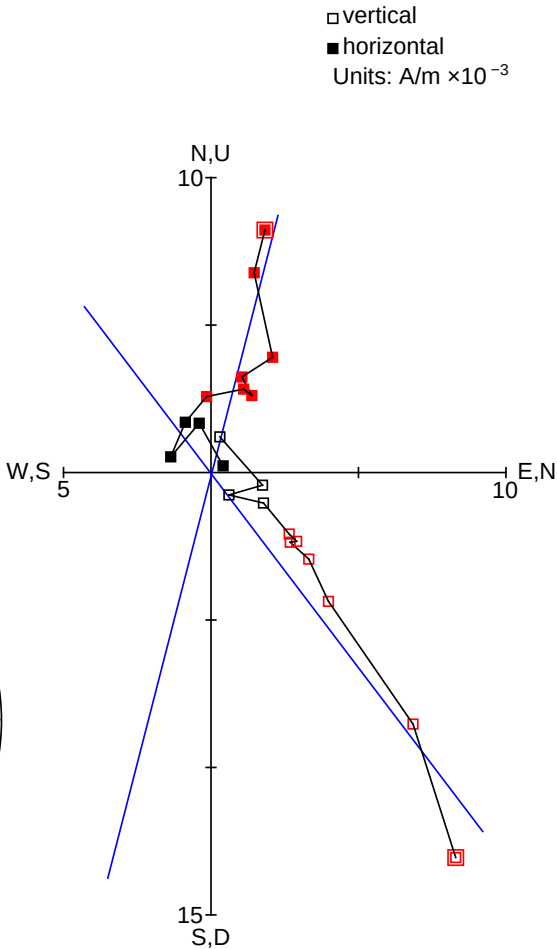
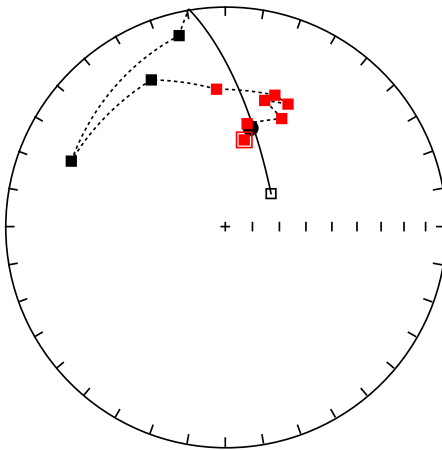
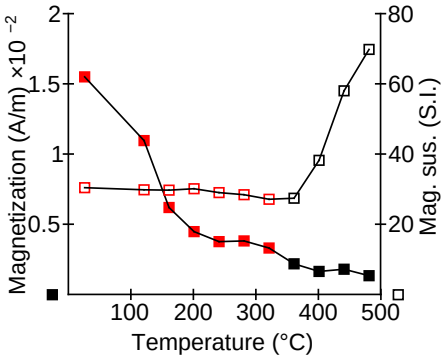


□ vertical
■ horizontal
Units: A/m $\times 10^{-3}$

Sample: 3A.1

PCA dec 14.40 / inc 51.92
PCA MAD1 28.19 / MAD3 7.65
(0.60 0.15 0.79)t

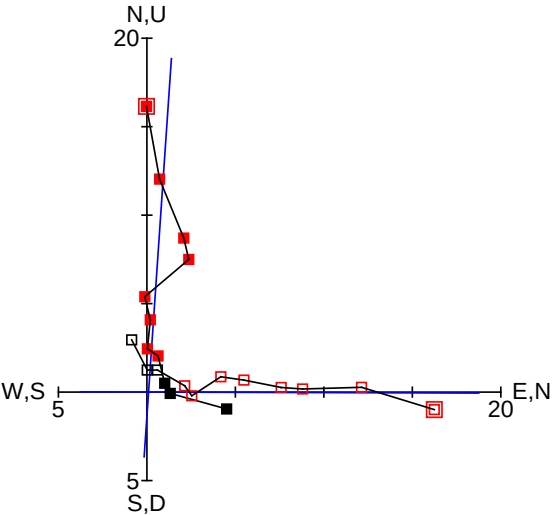
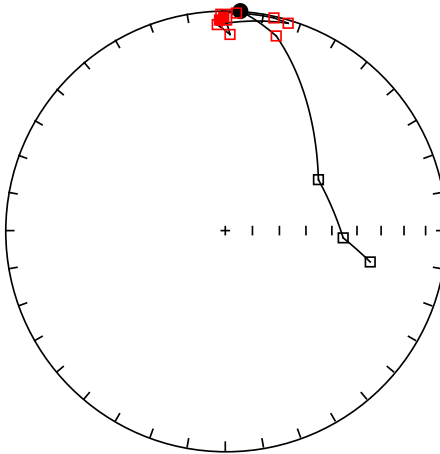
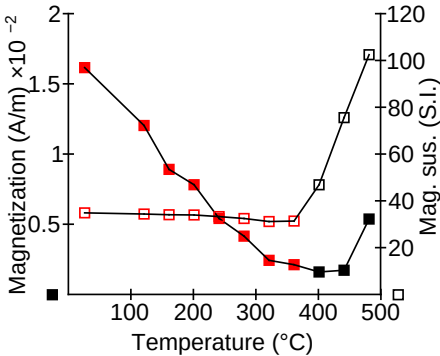
	temp.	dec.	inc.	int.	m.s.
*	25	12.3	56.9	1.55e-02	3.0e01
*	120	11.9	50.5	1.10e-02	3.0e01
*	160	27.6	44.0	6.21e-03	3.0e01
*	200	17.3	39.8	4.50e-03	3.0e01
*	240	27.1	37.6	3.78e-03	2.9e01
*	280	20.7	36.4	3.83e-03	2.8e01
*	320	356.4	37.6	3.33e-03	2.7e01
	360	333.2	26.4	2.20e-03	2.8e01
	400	293.0	25.1	1.66e-03	3.8e01
	440	346.4	11.8	1.82e-03	5.8e01
	480	54.2	-69.1	1.35e-03	7.0e01



Sample: 4A.1

PCA dec 3.92 / inc 0.17
PCA MAD1 27.82 / MAD3 7.25
(1.00 0.07 0.00)t

	temp.	dec.	inc.	int.	m.s.
*	25	359.6	3.5	1.62e-02	3.5e01
*	120	3.0	-1.3	1.21e-02	3.4e01
*	160	12.9	-1.1	8.93e-03	3.4e01
*	200	16.9	-1.9	7.84e-03	3.4e01
*	240	357.8	-7.2	5.44e-03	3.3e01
*	280	1.4	-12.0	4.17e-03	3.3e01
*	320	358.4	4.9	2.45e-03	3.1e01
*	360	14.7	-9.6	2.14e-03	3.2e01
	400	61.3	-50.2	1.62e-03	4.7e01
	440	93.5	-45.5	1.75e-03	7.6e01
	480	102.2	-33.2	5.39e-03	1.0e02

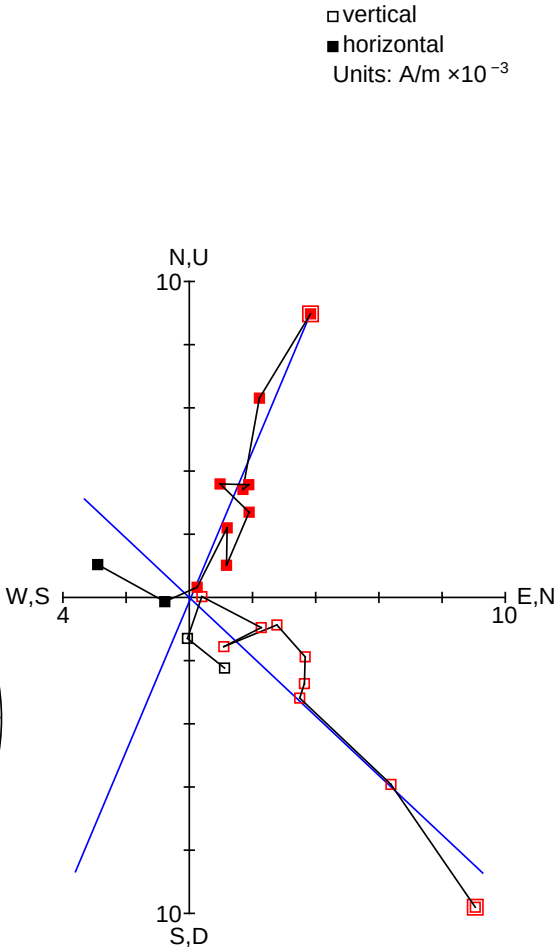
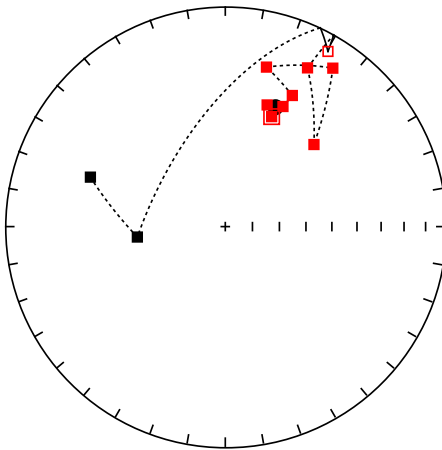
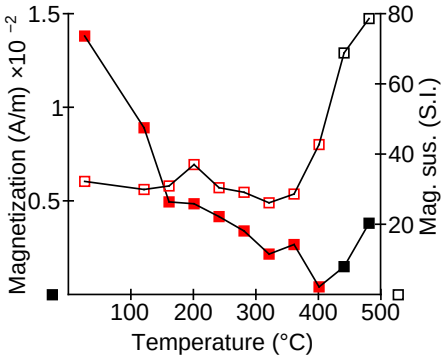


□ vertical
■ horizontal
Units: A/m $\times 10^{-3}$

Sample: 5A.1

PCA dec 22.84 / inc 40.88
PCA MAD1 26.22 / MAD3 8.13
(0.70 0.29 0.65)t

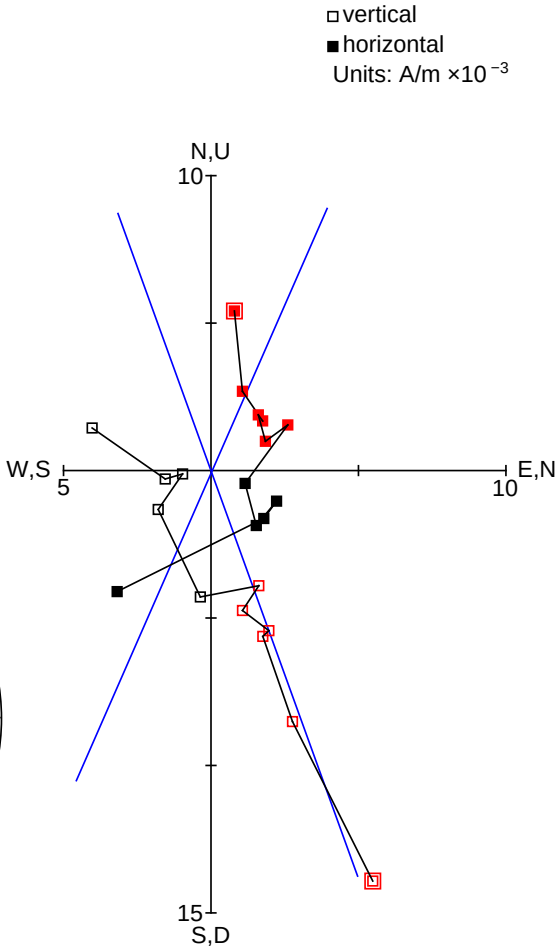
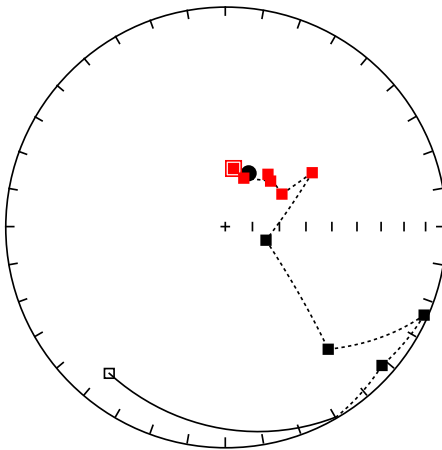
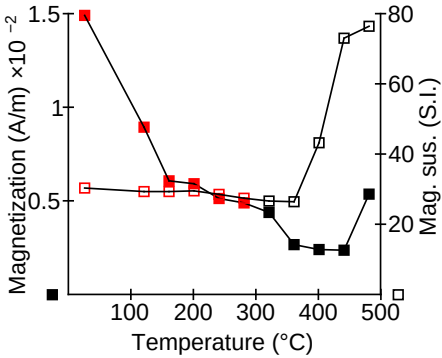
	temp.	dec.	inc.	int.	m.s.
*	25	22.9	45.0	1.38e-02	3.2e01
*	120	19.0	41.2	8.92e-03	3.0e01
*	160	25.7	39.4	4.96e-03	3.1e01
*	200	27.1	33.6	4.86e-03	3.7e01
*	240	14.5	26.2	4.18e-03	3.0e01
*	280	34.2	14.2	3.41e-03	2.9e01
*	320	47.2	44.4	2.17e-03	2.6e01
*	360	27.4	20.0	2.68e-03	2.9e01
*	400	30.4	-8.7	4.21e-04	4.3e01
	440	263.2	57.0	1.50e-03	6.9e01
	480	290.1	35.1	3.82e-03	7.9e01



Sample: 6B.1

PCA dec 23.67 / inc 68.46
PCA MAD1 15.10 / MAD3 8.41
(0.34 0.15 0.93)t

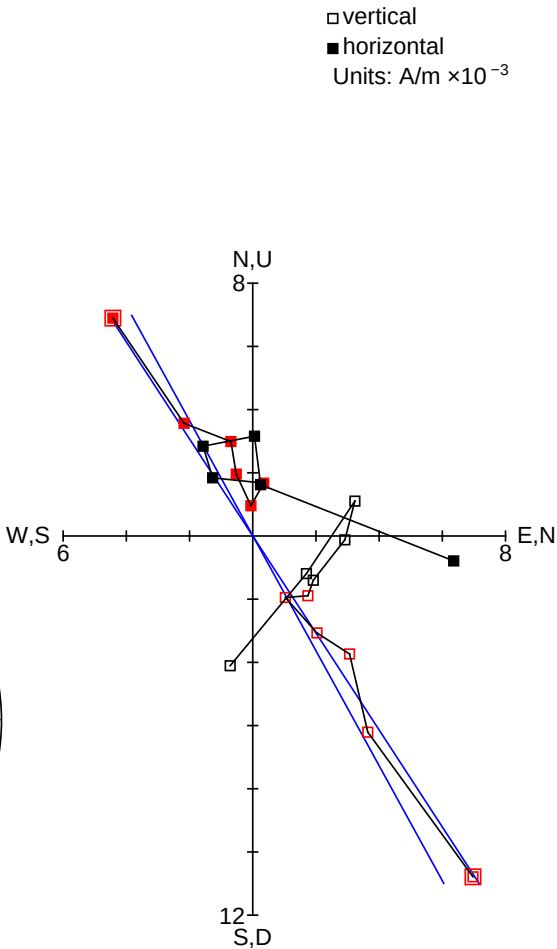
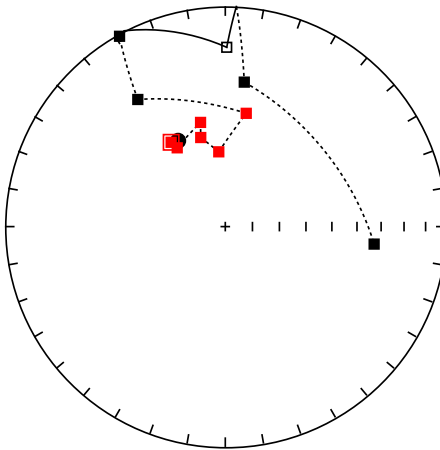
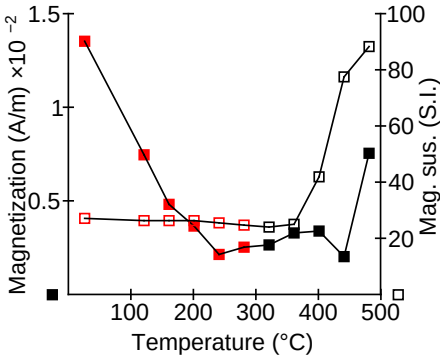
	temp.	dec.	inc.	int.	m.s.
*	25	8.1	68.3	1.49e-02	3.0e01
*	120	20.9	70.8	8.95e-03	2.9e01
*	160	44.9	66.2	6.08e-03	2.9e01
*	200	39.2	65.0	5.93e-03	3.0e01
*	240	60.1	65.8	5.14e-03	2.9e01
*	280	58.2	51.7	4.91e-03	2.8e01
	320	108.5	74.2	4.40e-03	2.7e01
	360	140.0	28.2	2.68e-03	2.6e01
	400	114.0	1.4	2.41e-03	4.3e01
	440	131.5	5.6	2.38e-03	7.3e01
	480	218.3	-16.2	5.37e-03	7.6e01



Sample: 7B.1

PCA dec 331.21 / inc 53.38
PCA MAD1 19.86 / MAD3 5.88
(0.52 -0.29 0.80)t

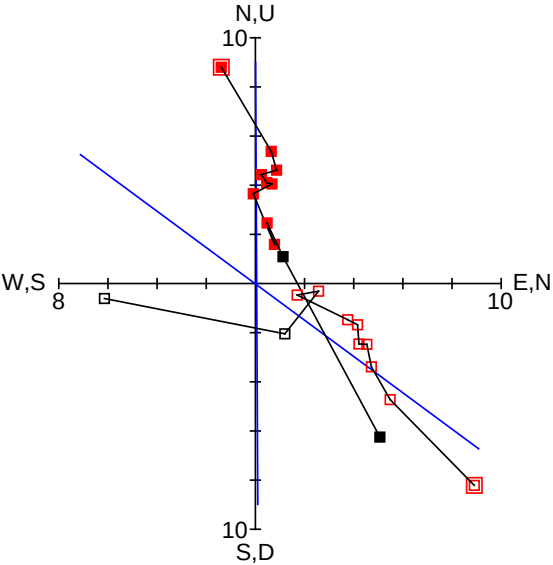
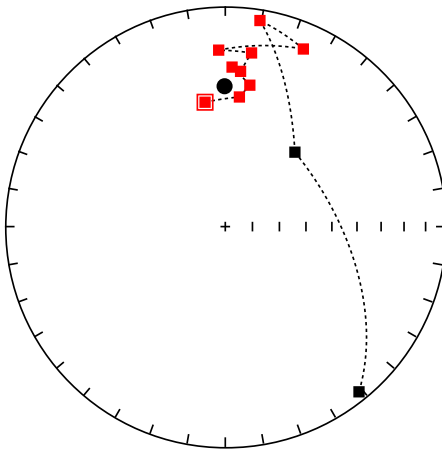
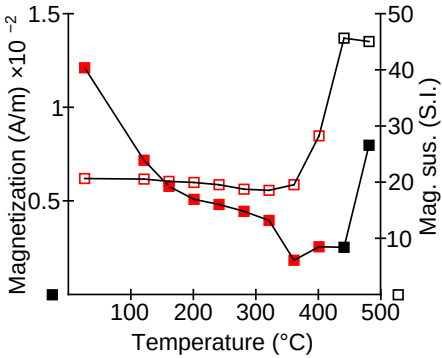
	temp.	dec.	inc.	int.	m.s.
*	25	327.3	52.5	1.35e-02	2.7e01
*	120	328.6	55.5	7.48e-03	2.6e01
*	160	346.6	49.8	4.83e-03	2.6e01
*	200	344.6	55.5	3.67e-03	2.6e01
*	240	355.0	62.1	2.15e-03	2.6e01
*	280	10.5	46.6	2.54e-03	2.5e01
	320	325.5	30.6	2.66e-03	2.4e01
	360	330.9	1.4	3.30e-03	2.5e01
	400	0.5	-19.7	3.40e-03	4.2e01
	440	7.5	34.2	2.04e-03	7.8e01
	480	96.7	32.5	7.56e-03	8.8e01



Sample: 8A.1

PCA dec 359.71 / inc 36.45
PCA MAD1 24.71 / MAD3 10.88
(0.80 -0.00 0.59)t

	temp.	dec.	inc.	int.	m.s.
*	25	350.8	42.3	1.21e-02	2.1e01
*	120	6.2	40.5	7.19e-03	2.1e01
*	160	9.8	35.1	5.79e-03	2.0e01
*	200	2.4	28.4	5.10e-03	2.0e01
*	240	5.6	29.9	4.82e-03	2.0e01
*	280	8.6	21.4	4.46e-03	1.9e01
*	320	357.9	21.0	3.97e-03	1.9e01
*	360	23.7	13.0	1.85e-03	2.0e01
*	400	9.5	5.8	2.57e-03	2.8e01
	440	43.1	51.8	2.54e-03	4.6e01
	480	141.0	4.0	7.99e-03	4.5e01

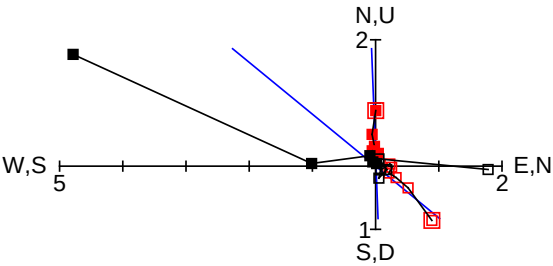
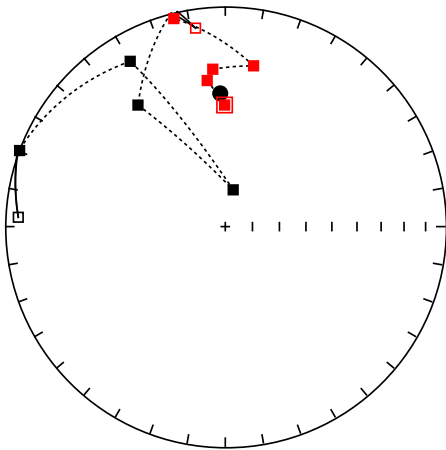
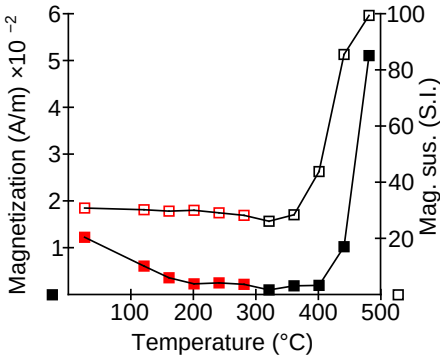


□ vertical
■ horizontal
Units: A/m $\times 10^{-3}$

Sample: 9A.1

PCA dec 357.82 / inc 39.34
PCA MAD1 13.64 / MAD3 10.91
(0.77 -0.03 0.63)t

	temp.	dec.	inc.	int.	m.s.
*	25	359.7	44.1	1.23e-02	3.1e01
*	120	352.9	33.6	6.13e-03	3.0e01
*	160	355.5	29.1	3.64e-03	3.0e01
*	200	10.0	26.8	2.34e-03	3.0e01
*	240	346.1	3.1	2.54e-03	2.9e01
*	280	351.5	-9.8	2.24e-03	2.8e01
	320	324.3	32.6	1.04e-03	2.6e01
	360	12.1	76.1	1.91e-03	2.8e01
	400	330.1	14.5	2.01e-03	4.4e01
	440	272.6	-6.6	1.03e-02	8.6e01
	480	290.3	0.6	5.11e-02	1.0e02

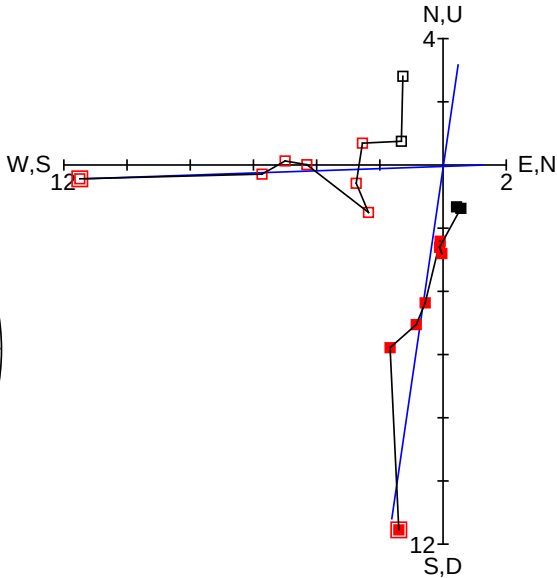
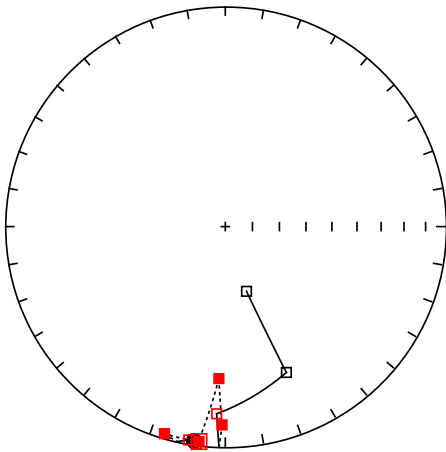
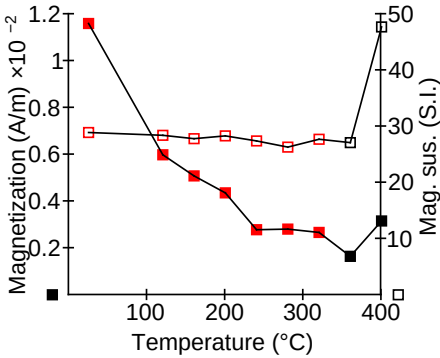


□ vertical
■ horizontal
Units: A/m $\times 10^{-2}$

Sample: 10B.1

PCA dec 188.31 / inc 1.95
PCA MAD1 30.33 / MAD3 7.42
(-0.99 -0.14 0.03)t

	temp.	dec.	inc.	int.	m.s.
*	25	187.0	1.9	1.16e-02	2.9e01
*	120	196.4	2.3	5.98e-03	2.8e01
*	160	189.7	-2.0	5.08e-03	2.8e01
*	200	187.6	-0.7	4.36e-03	2.8e01
*	240	182.4	31.6	2.78e-03	2.7e01
*	280	180.9	10.9	2.81e-03	2.6e01
*	320	182.6	-16.1	2.66e-03	2.8e01
	360	157.3	-29.0	1.64e-03	2.7e01
	400	161.8	-64.8	3.16e-03	4.8e01
-	440	239.9	-29.1	3.07e-02	1.3e02
-	480	309.5	1.0	2.24e-01	1.7e02

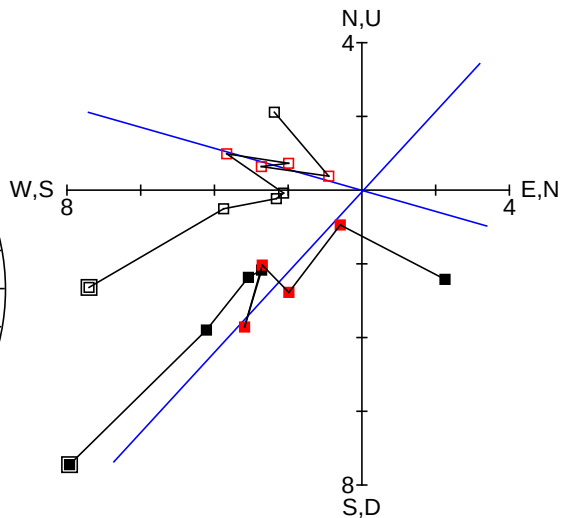
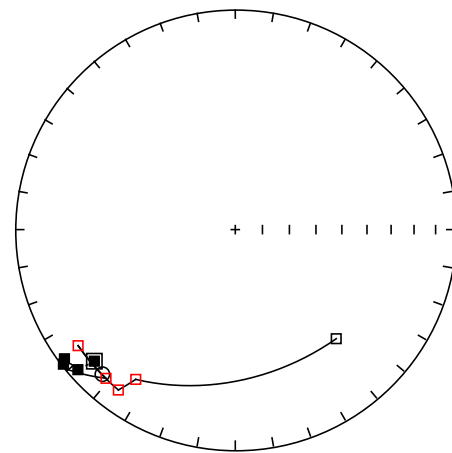
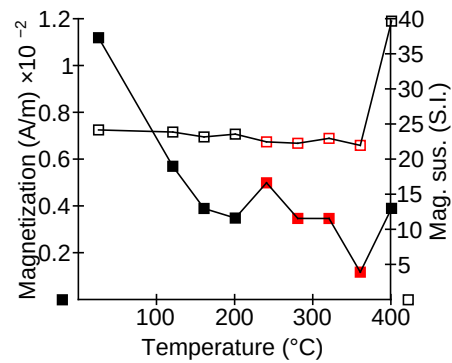


□ vertical
■ horizontal
Units: A/m $\times 10^{-3}$

Sample: 11A.1

PCA dec 222.58 / inc -11.87
PCA MAD1 12.56 / MAD3 6.49
(-0.72 -0.66 -0.21)t

temp.	dec.	inc.	int.	m.s.
25	227.0	13.5	1.12e-02	2.4e01
120	228.3	4.9	5.71e-03	2.4e01
160	232.9	3.2	3.90e-03	2.3e01
200	231.9	1.1	3.49e-03	2.4e01
* 240	221.0	-11.6	5.00e-03	2.2e01
* 280	233.6	-12.3	3.48e-03	2.2e01
* 320	216.1	-10.9	3.47e-03	2.3e01
* 360	213.6	-19.5	1.18e-03	2.2e01
400	137.2	-33.0	3.91e-03	4.0e01
- 440	23.8	19.4	5.57e-02	6.9e01
- 480	92.4	22.2	1.23e-01	6.5e01

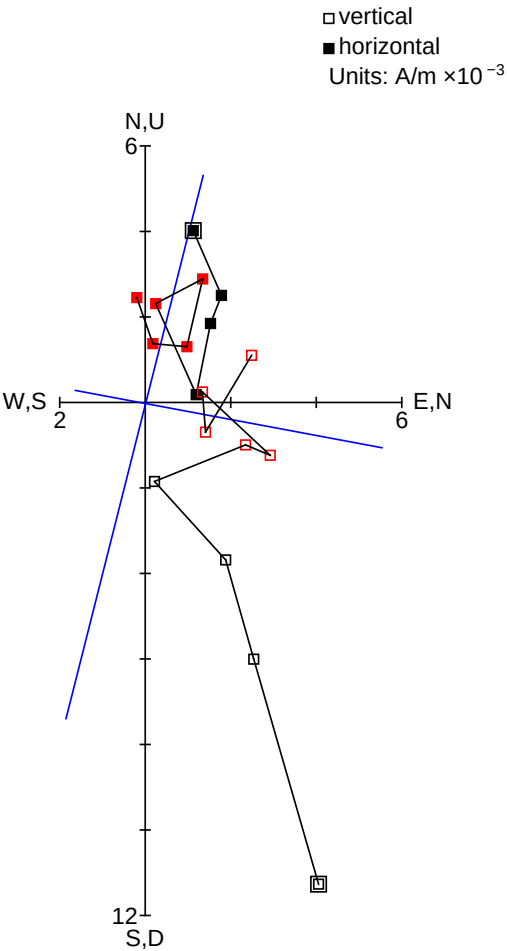
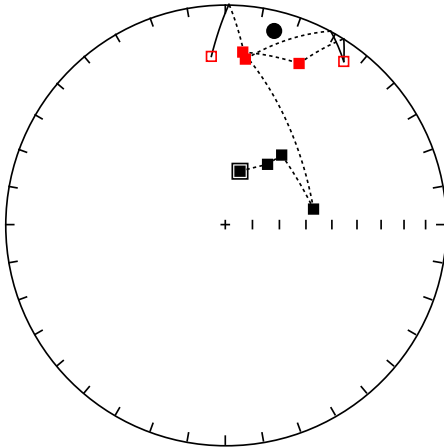
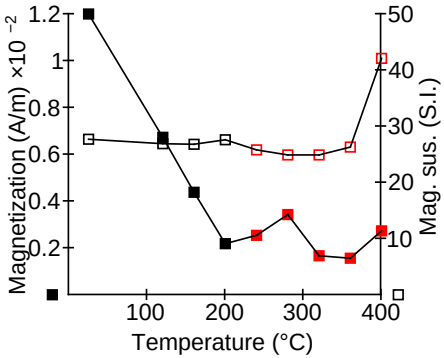


□ vertical
■ horizontal
Units: A/m ×10⁻³

Sample: 12B.1

PCA dec 14.17 / inc 10.28
PCA MAD1 29.45 / MAD3 23.70
(0.95 0.24 0.18)t

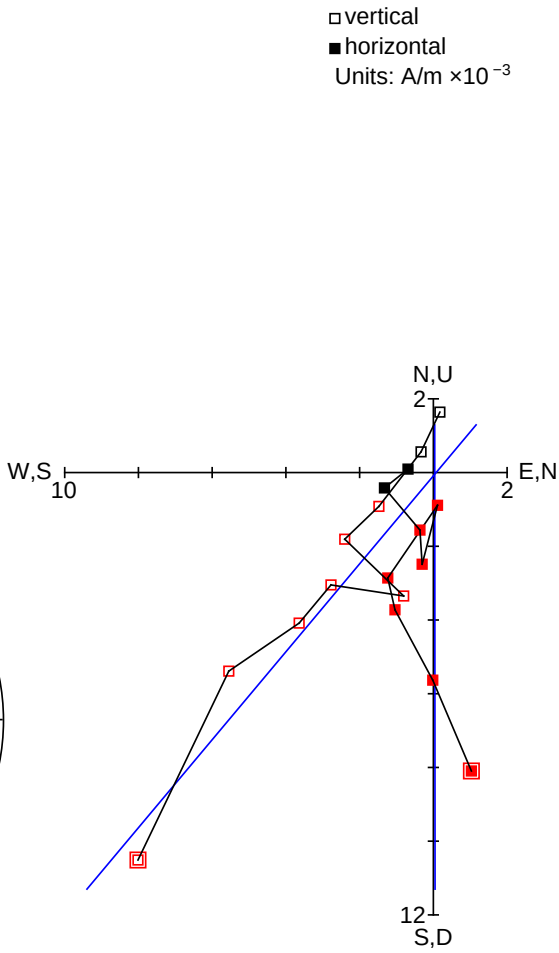
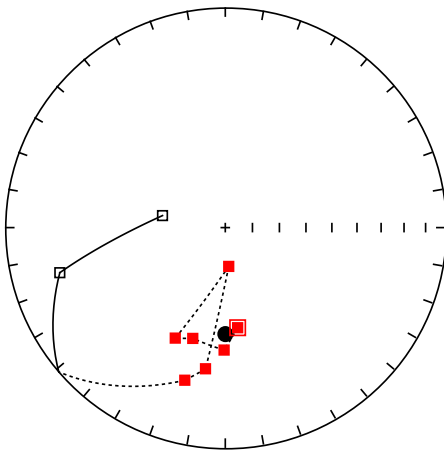
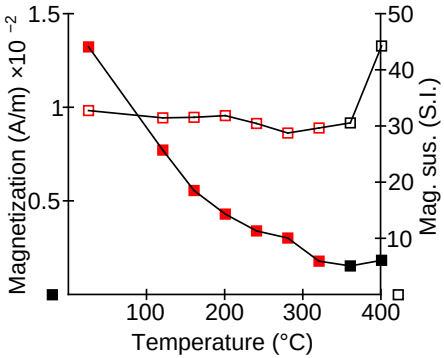
temp.	dec.	inc.	int.	m.s.
25	15.4	69.5	1.20e-02	2.8e01
120	35.0	62.7	6.73e-03	2.7e01
160	39.0	56.6	4.38e-03	2.7e01
200	80.0	56.6	2.18e-03	2.8e01
* 240	5.8	22.4	2.54e-03	2.6e01
* 280	24.6	20.7	3.43e-03	2.5e01
* 320	36.0	-9.4	1.67e-03	2.5e01
* 360	6.9	25.3	1.56e-03	2.6e01
* 400	355.3	-24.4	2.73e-03	4.2e01
- 440	42.4	8.6	3.83e-02	7.7e01
- 480	31.3	7.4	6.75e-02	7.6e01



Sample: 13A.1

PCA dec 179.96 / inc 50.03
PCA MAD1 32.86 / MAD3 9.43
(-0.64 0.00 0.77)t

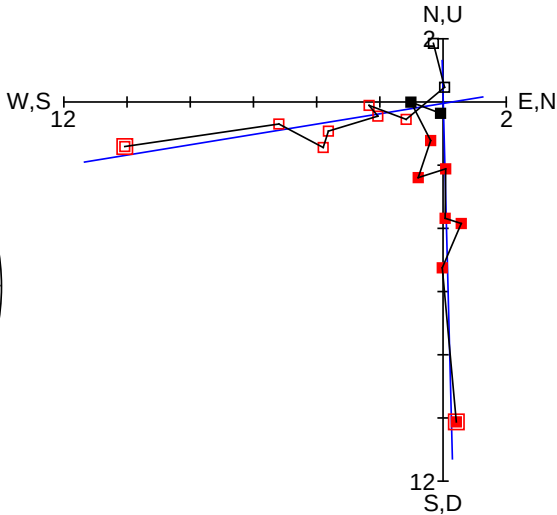
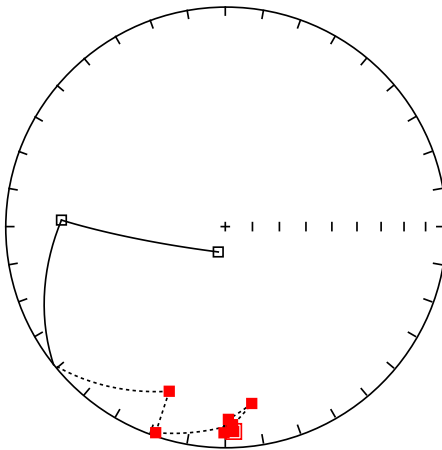
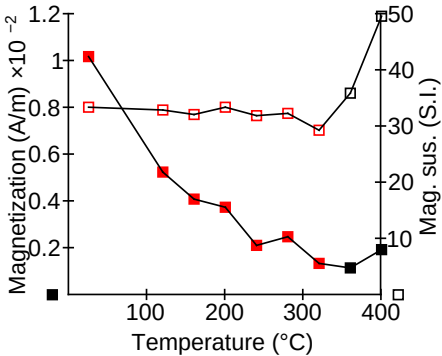
	temp.	dec.	inc.	int.	m.s.
*	25	173.0	52.2	1.32e-02	3.3e01
*	120	180.6	43.7	7.73e-03	3.2e01
*	160	196.4	46.5	5.57e-03	3.2e01
*	200	204.4	44.2	4.31e-03	3.2e01
*	240	174.9	75.6	3.41e-03	3.0e01
*	280	188.0	35.6	3.03e-03	2.9e01
*	320	194.9	29.1	1.79e-03	3.0e01
	360	254.8	-23.2	1.54e-03	3.1e01
	400	280.8	-66.3	1.84e-03	4.4e01
-	440	150.0	-21.4	1.96e-02	8.9e01
-	480	102.6	-9.7	2.68e-02	8.5e01



Sample: 14A.1

PCA dec 178.53 / inc 9.28
PCA MAD1 31.78 / MAD3 6.39
(-0.99 0.03 0.16)t

	temp.	dec.	inc.	int.	m.s.
*	25	177.7	7.7	1.02e-02	3.3e01
*	120	180.4	7.1	5.24e-03	3.3e01
*	160	171.5	19.9	4.09e-03	3.2e01
*	200	179.1	13.6	3.74e-03	3.3e01
*	240	177.9	11.0	2.11e-03	3.2e01
*	280	198.7	1.5	2.48e-03	3.2e01
*	320	198.8	22.1	1.34e-03	2.9e01
	360	272.3	-26.5	1.15e-03	3.6e01
	400	195.5	-80.3	1.93e-03	5.0e01
-	440	207.7	-37.3	1.36e-02	1.3e02
-	480	339.2	-27.9	2.37e-02	1.6e02

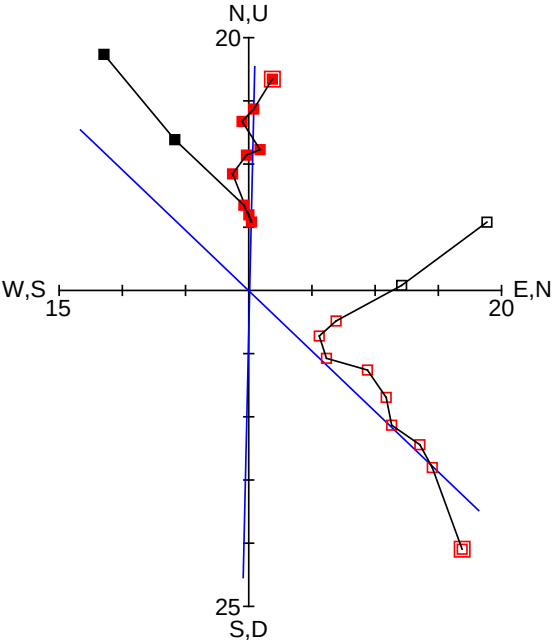
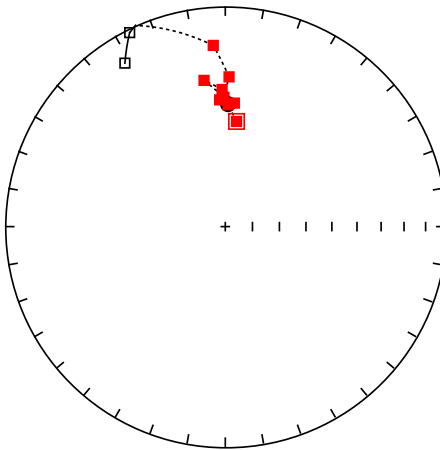
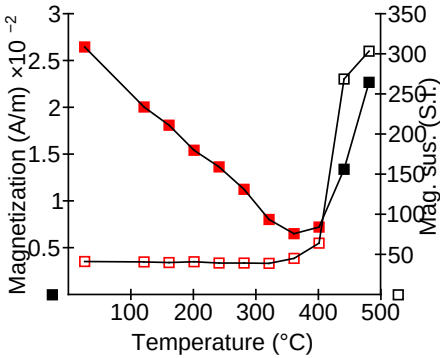


□ vertical
■ horizontal
Units: A/m × 10⁻³

Sample: 15A.1

PCA dec 1.29 / inc 43.70
PCA MAD1 13.87 / MAD3 7.10
(0.72 0.02 0.69)t

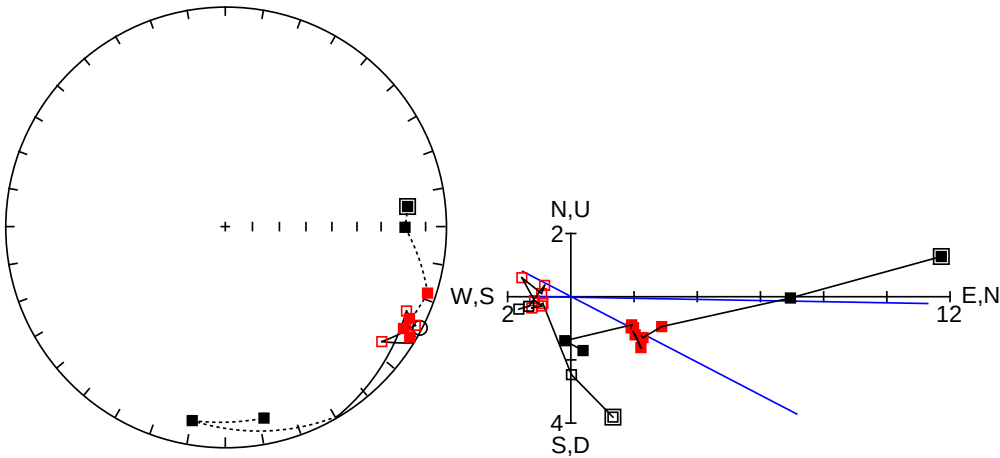
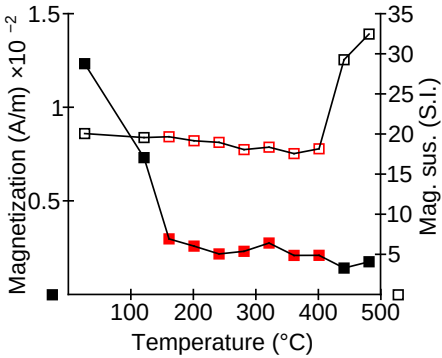
	temp.	dec.	inc.	int.	m.s.
*	25	6.1	50.3	2.65e-02	4.2e01
*	120	1.3	43.9	2.01e-02	4.1e01
*	160	357.4	41.9	1.81e-02	4.0e01
*	200	4.2	43.2	1.54e-02	4.1e01
*	240	358.7	37.8	1.37e-02	4.0e01
*	280	351.7	33.4	1.13e-02	4.0e01
*	320	359.4	41.0	8.05e-03	3.9e01
*	360	1.4	32.5	6.53e-03	4.5e01
*	400	356.2	18.7	7.24e-03	6.4e01
	440	333.8	-2.1	1.34e-02	2.7e02
	480	328.4	-14.0	2.27e-02	3.0e02



Sample: 16A.2

PCA dec 117.50 / inc -0.47
PCA MAD1 29.29 / MAD3 9.77
(-0.46 0.89 -0.01)t

temp.	dec.	inc.	int.	m.s.
25	83.7	17.9	1.23e-02	2.0e01
120	90.2	19.6	7.33e-03	2.0e01
* 160	108.2	3.8	2.99e-03	2.0e01
* 200	119.8	7.6	2.60e-03	1.9e01
* 240	116.5	7.3	2.18e-03	1.9e01
* 280	120.9	2.8	2.32e-03	1.8e01
* 320	126.3	-12.9	2.76e-03	1.8e01
* 360	117.5	-3.2	2.10e-03	1.8e01
* 400	115.0	-10.2	2.11e-03	1.8e01
440	189.7	11.7	1.43e-03	2.9e01
480	168.6	12.4	1.77e-03	3.2e01

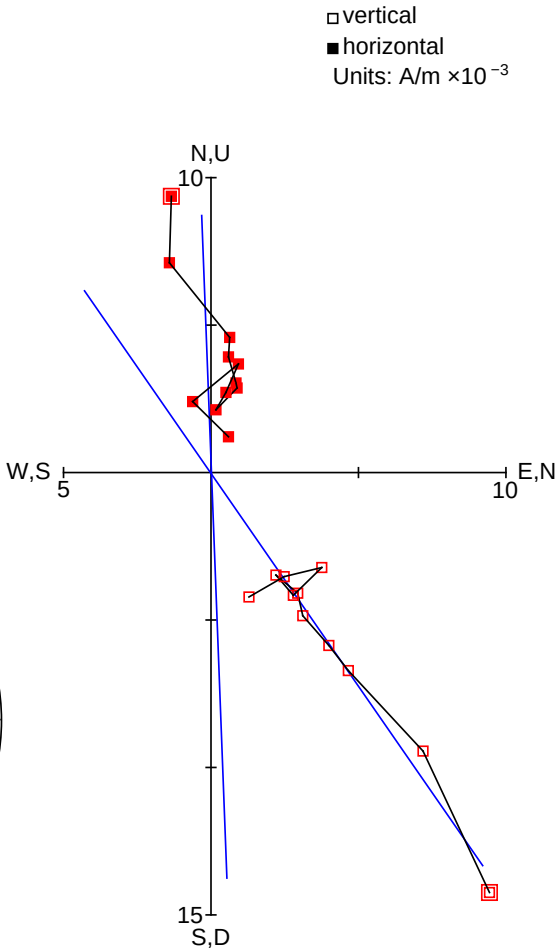
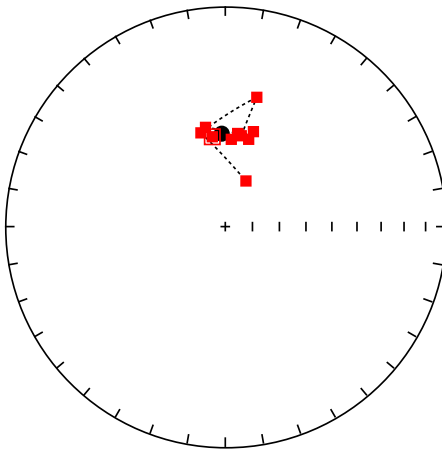
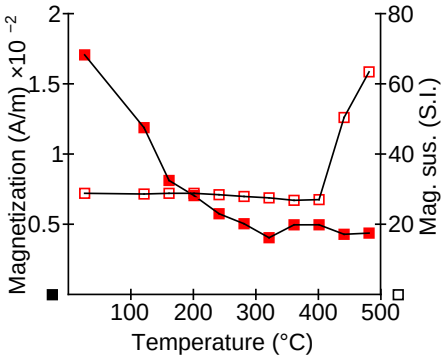


□ vertical
■ horizontal
Units: A/m $\times 10^{-3}$

Sample: 17B.1

PCA dec 357.82 / inc 55.27
PCA MAD1 35.72 / MAD3 7.27
(0.57 -0.02 0.82)t

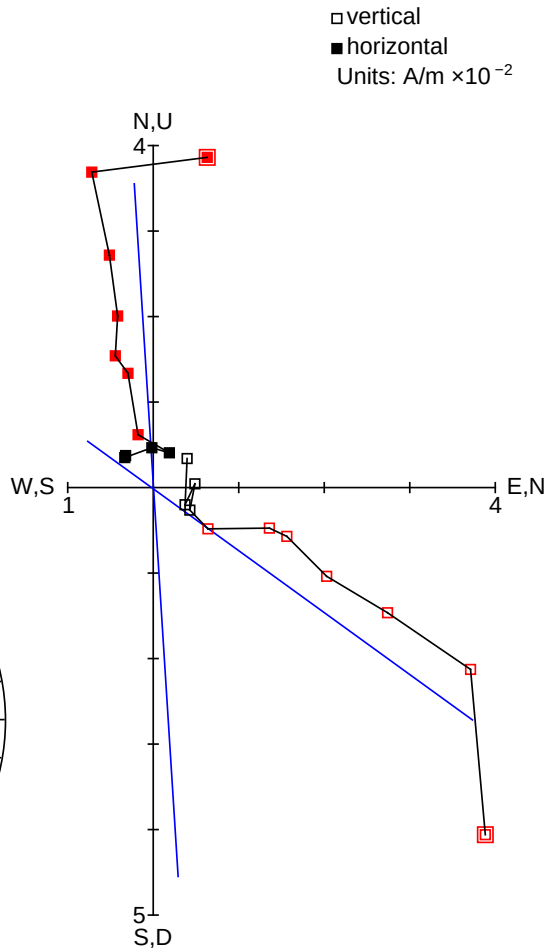
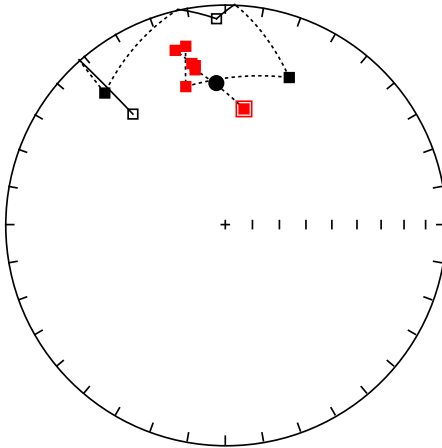
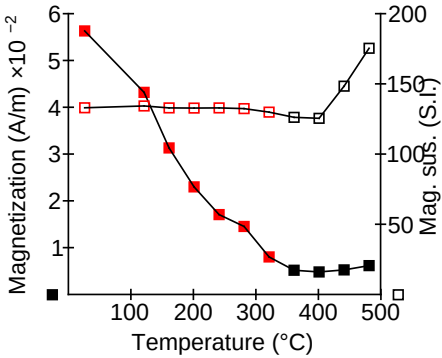
	temp.	dec.	inc.	int.	m.s.
*	25	351.8	56.1	1.71e-02	2.9e01
*	120	348.7	52.1	1.19e-02	2.9e01
*	160	7.6	54.9	8.14e-03	2.9e01
*	200	8.2	55.3	7.06e-03	2.9e01
*	240	15.0	56.3	5.77e-03	2.8e01
*	280	16.5	52.9	5.06e-03	2.8e01
*	320	3.9	57.4	4.06e-03	2.8e01
*	360	10.0	55.6	4.98e-03	2.7e01
*	400	13.7	39.4	4.98e-03	2.7e01
*	440	345.4	53.8	4.31e-03	5.0e01
*	480	24.3	71.5	4.39e-03	6.4e01



Sample: 18B

PCA dec 356.38 / inc 35.86
PCA MAD1 5.53 / MAD3 12.68
(0.81 -0.05 0.59)t

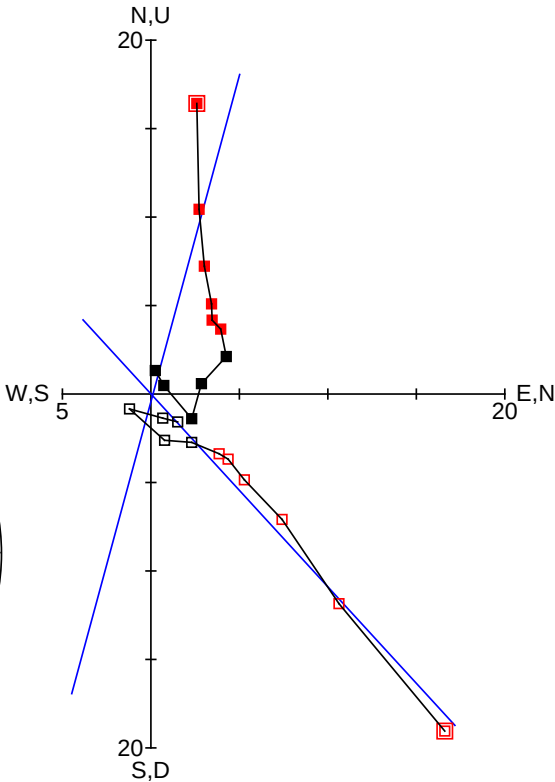
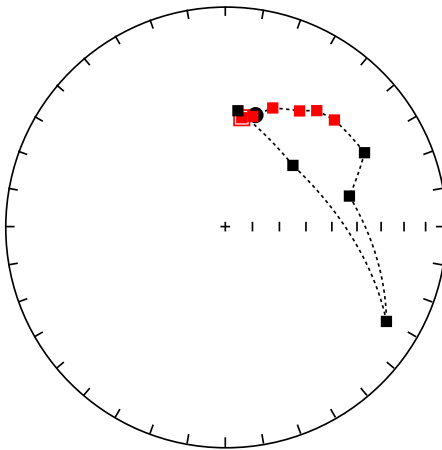
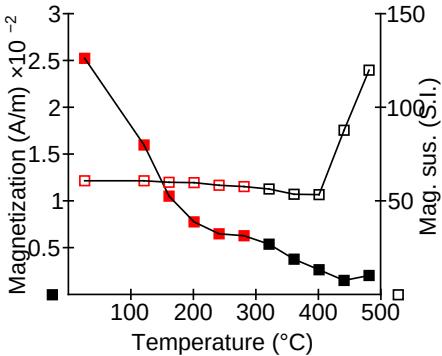
	temp.	dec.	inc.	int.	m.s.
*	25	9.2	45.8	5.64e-02	1.3e02
*	120	349.0	29.2	4.33e-02	1.3e02
*	160	349.3	27.5	3.14e-02	1.3e02
*	200	348.3	26.3	2.31e-02	1.3e02
*	240	344.0	18.8	1.71e-02	1.3e02
*	280	347.5	18.2	1.46e-02	1.3e02
*	320	344.0	35.1	8.08e-03	1.3e02
	360	23.5	28.0	5.24e-03	1.3e02
	400	357.6	-7.2	4.87e-03	1.3e02
	440	317.5	20.2	5.32e-03	1.5e02
	480	320.1	-34.9	6.23e-03	1.8e02



Sample: 19A

PCA dec 15.17 / inc 46.46
PCA MAD1 5.26 / MAD3 8.54
(0.66 0.18 0.72)t

	temp.	dec.	inc.	int.	m.s.
*	25	8.6	48.6	2.53e-02	6.1e01
*	120	14.0	47.3	1.60e-02	6.1e01
*	160	21.8	41.6	1.05e-02	6.0e01
*	200	32.7	37.6	7.79e-03	6.0e01
*	240	38.3	33.4	6.51e-03	5.8e01
*	280	45.7	31.4	6.31e-03	5.8e01
	320	62.0	29.2	5.40e-03	5.6e01
	360	76.2	41.6	3.80e-03	5.4e01
	400	120.5	16.3	2.67e-03	5.4e01
	440	47.9	56.0	1.53e-03	8.8e01
	480	6.2	46.1	2.06e-03	1.2e02

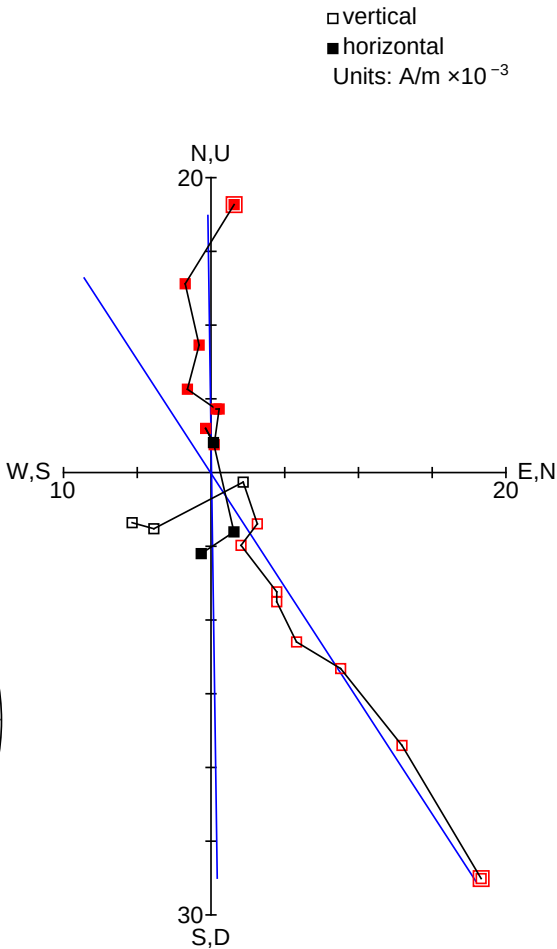
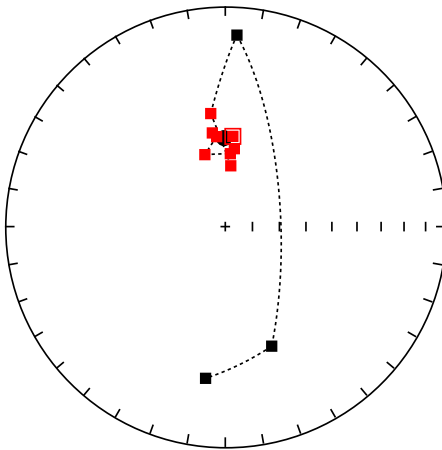
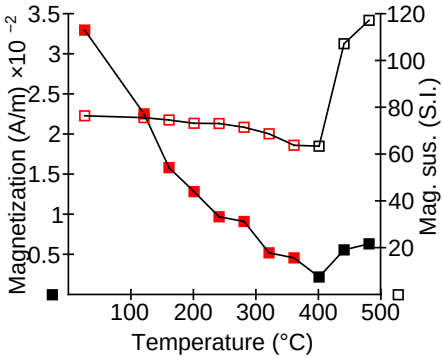


□ vertical
■ horizontal
Units: A/m $\times 10^{-3}$

Sample: 20B.1

PCA dec 359.19 / inc 57.01
PCA MAD1 37.82 / MAD3 4.69
(0.54 -0.01 0.84)t

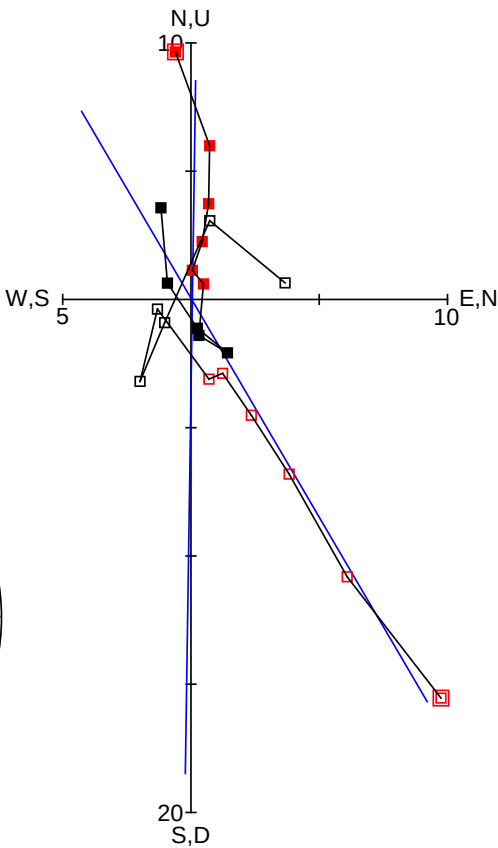
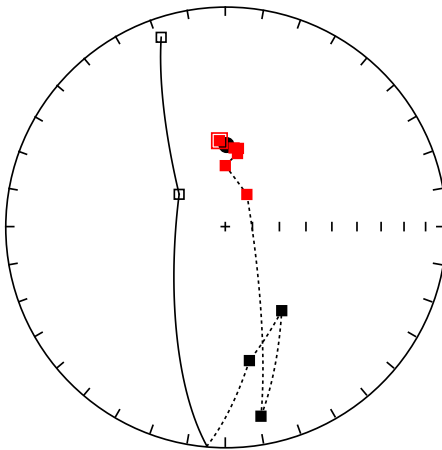
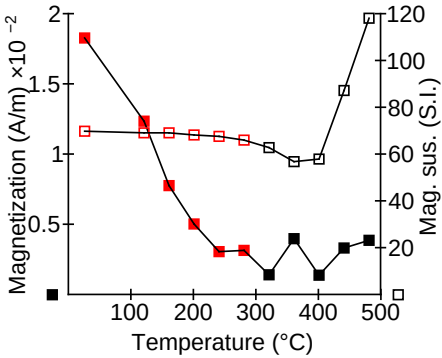
	temp.	dec.	inc.	int.	m.s.
*	25	4.8	56.2	3.30e-02	7.6e01
*	120	352.1	54.7	2.25e-02	7.6e01
*	160	354.5	56.3	1.58e-02	7.5e01
*	200	344.2	62.2	1.29e-02	7.3e01
*	240	4.0	62.9	9.72e-03	7.3e01
*	280	6.6	60.8	9.14e-03	7.2e01
*	320	5.1	67.4	5.23e-03	6.9e01
*	360	352.7	47.1	4.60e-03	6.4e01
	400	3.5	14.0	2.21e-03	6.4e01
	440	158.8	41.4	5.59e-03	1.1e02
	480	187.4	31.2	6.35e-03	1.2e02



Sample: 21A.1

PCA dec 0.85 / inc 59.65
PCA MAD1 22.01 / MAD3 4.20
(0.51 0.01 0.86)t

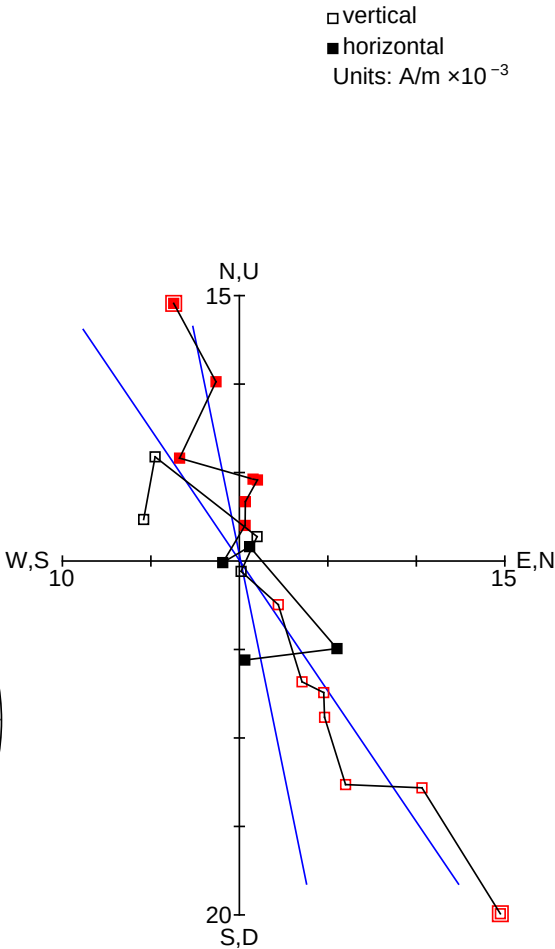
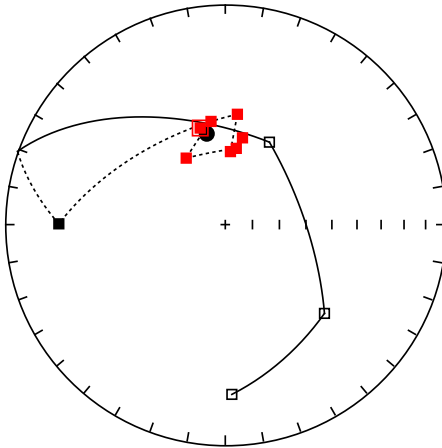
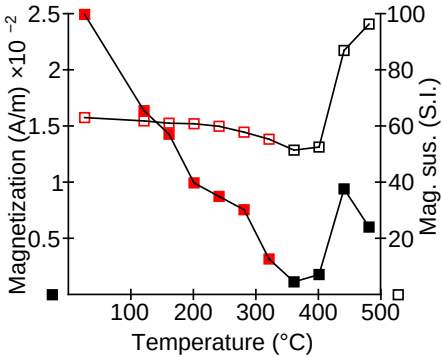
	temp.	dec.	inc.	int.	m.s.
*	25	356.1	57.9	1.83e-02	7.0e01
*	120	6.4	60.6	1.24e-02	6.9e01
*	160	9.5	60.5	7.77e-03	6.9e01
*	200	9.5	62.5	5.04e-03	6.8e01
*	240	0.0	67.4	3.07e-03	6.8e01
*	280	33.9	75.7	3.16e-03	6.6e01
	320	169.3	13.5	1.42e-03	6.3e01
	360	146.1	52.1	4.00e-03	5.7e01
	400	169.8	38.2	1.39e-03	5.8e01
	440	305.0	-69.2	3.33e-03	8.7e01
	480	341.3	-10.2	3.88e-03	1.2e02



Sample: 22B.1

PCA dec 348.47 / inc 55.37
PCA MAD1 40.12 / MAD3 7.46
(0.56 -0.11 0.82)t

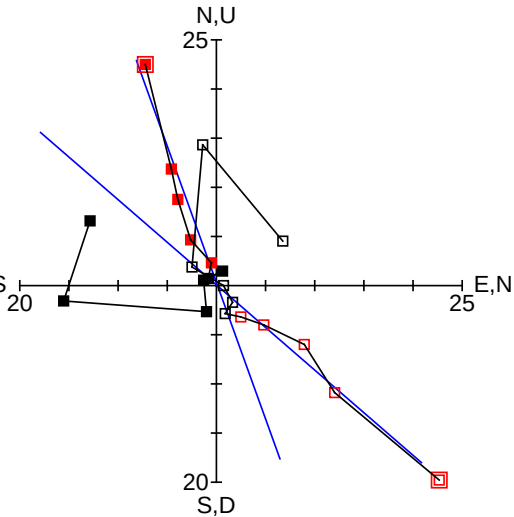
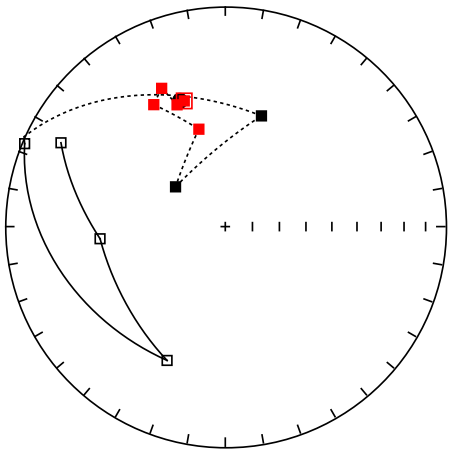
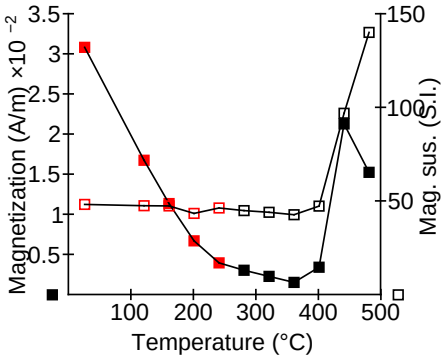
	temp.	dec.	inc.	int.	m.s.
*	25	345.4	52.7	2.50e-02	6.3e01
*	120	352.1	51.0	1.64e-02	6.2e01
*	160	329.6	61.3	1.43e-02	6.1e01
*	200	8.2	61.4	9.96e-03	6.1e01
*	240	11.2	57.0	8.75e-03	6.0e01
*	280	4.0	62.8	7.57e-03	5.8e01
*	320	6.3	48.3	3.18e-03	5.5e01
	360	270.3	25.4	1.14e-03	5.2e01
	400	28.2	-55.1	1.80e-03	5.3e01
	440	131.8	-39.4	9.42e-03	8.7e01
	480	177.8	-23.9	6.02e-03	9.6e01



Sample: 23B.1

PCA dec 340.19 / inc 39.19
PCA MAD1 24.42 / MAD3 3.64
(0.73 -0.26 0.63)t

	temp.	dec.	inc.	int.	m.s.
*	25	341.9	39.8	3.09e-02	4.8e01
*	120	338.4	40.3	1.68e-02	4.8e01
*	160	335.3	31.5	1.14e-02	4.8e01
*	200	329.6	36.0	6.73e-03	4.4e01
*	240	344.8	52.2	3.98e-03	4.6e01
	280	308.6	66.4	3.06e-03	4.5e01
	320	18.1	46.1	2.30e-03	4.4e01
	360	292.5	-1.7	1.55e-03	4.3e01
	400	203.5	-34.1	3.44e-03	4.7e01
	440	264.5	-42.4	2.13e-02	9.7e01
	480	297.0	-17.4	1.53e-02	1.4e02

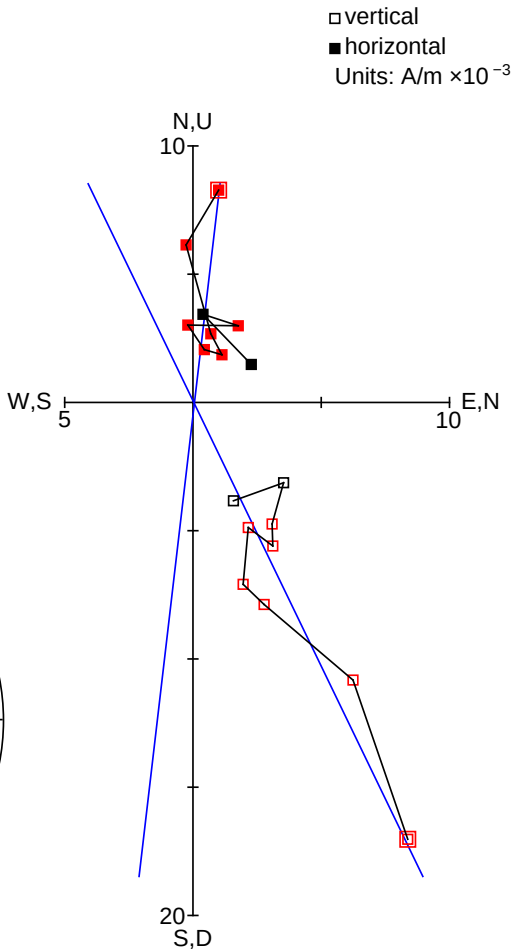
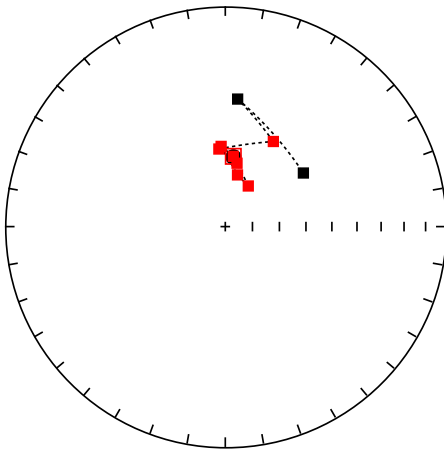
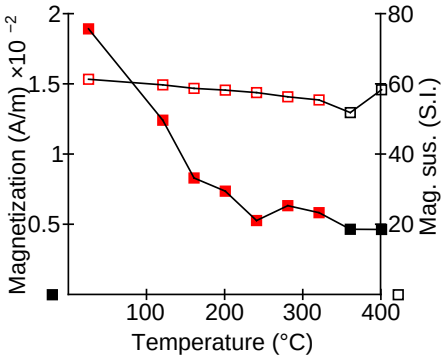


□ vertical
■ horizontal
Units: A/m $\times 10^{-3}$

Sample: 24B.1

PCA dec 6.67 / inc 64.06
PCA MAD1 35.91 / MAD3 5.97
(0.43 0.05 0.90)t

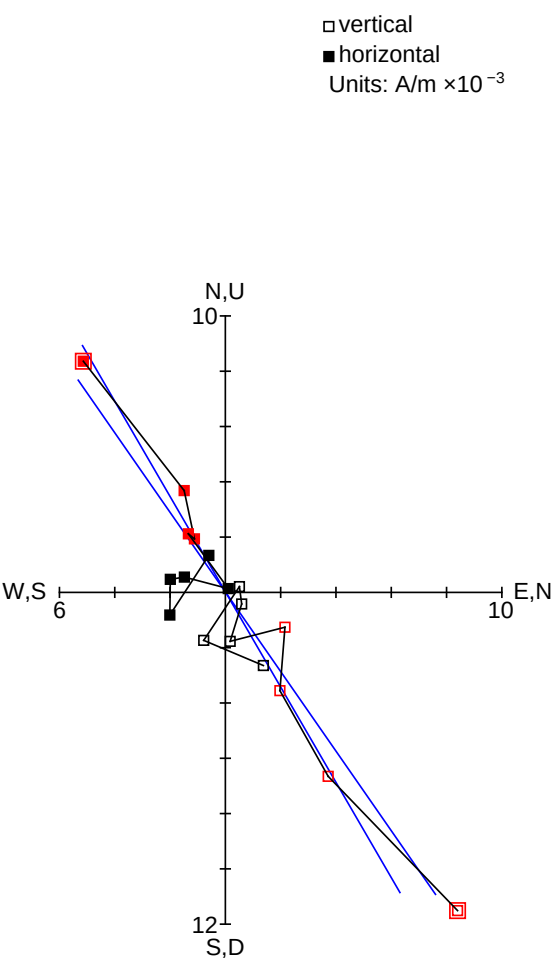
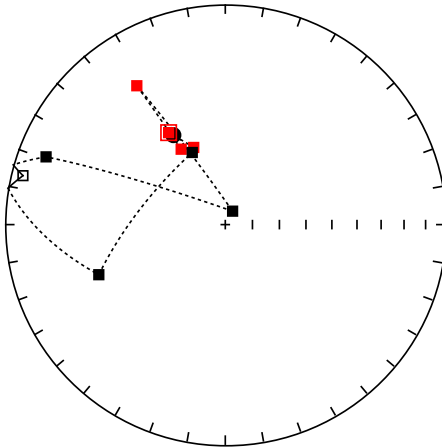
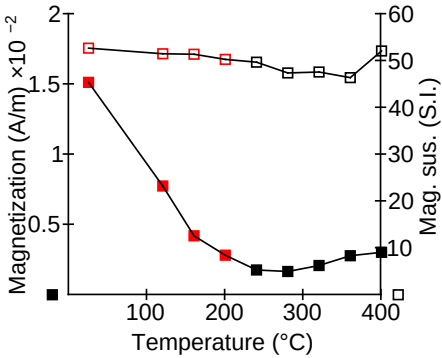
	temp.	dec.	inc.	int.	m.s.
*	25	6.5	63.8	1.89e-02	6.1e01
*	120	357.0	60.1	1.24e-02	6.0e01
*	160	13.3	70.4	8.32e-03	5.9e01
*	200	29.5	72.8	7.38e-03	5.8e01
*	240	10.5	66.1	5.29e-03	5.8e01
*	280	355.3	61.1	6.35e-03	5.6e01
*	320	29.5	53.4	5.85e-03	5.6e01
	360	5.5	41.4	4.66e-03	5.2e01
	400	55.5	54.6	4.65e-03	5.8e01
-	440	294.9	-67.4	3.82e-02	9.5e01
-	480	321.5	-11.8	3.33e-02	1.2e02



Sample: 25B.1

PCA dec 329.87 / inc 51.22
PCA MAD1 11.67 / MAD3 5.94
(0.54 -0.31 0.78)t

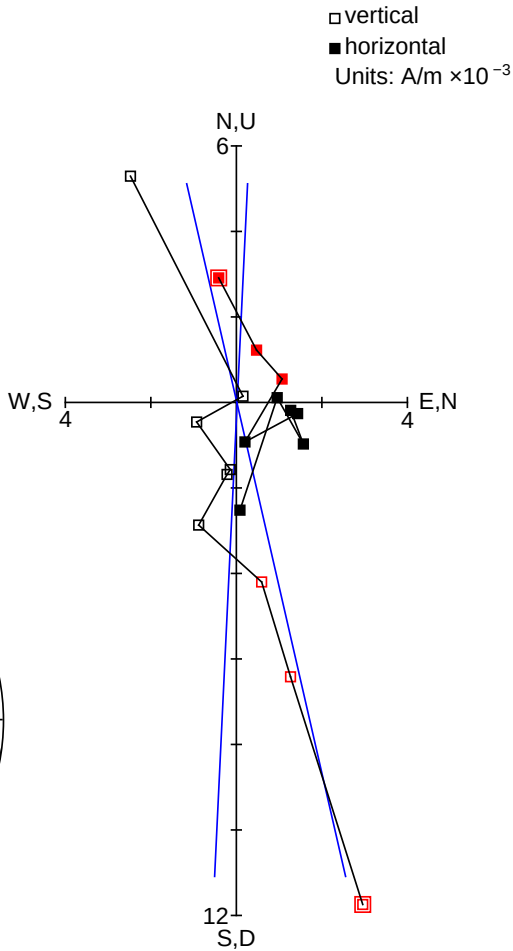
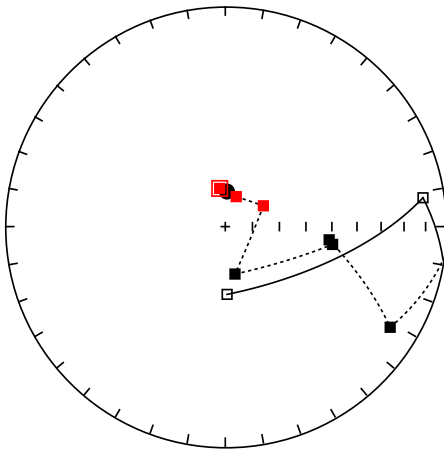
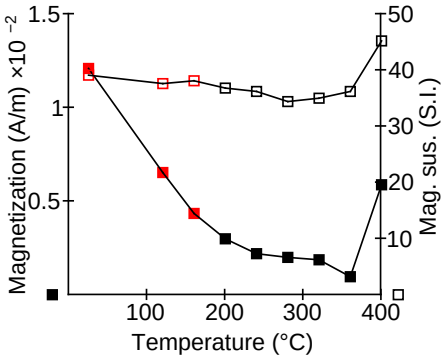
	temp.	dec.	inc.	int.	m.s.
*	25	328.4	49.4	1.51e-02	5.3e01
*	120	337.8	59.0	7.75e-03	5.2e01
*	160	329.7	57.4	4.20e-03	5.1e01
*	200	327.5	26.2	2.82e-03	5.0e01
	240	28.5	84.4	1.76e-03	5.0e01
	280	290.7	14.1	1.66e-03	4.7e01
	320	283.6	-6.2	2.08e-03	4.8e01
	360	248.4	38.2	2.78e-03	4.6e01
	400	335.4	60.5	3.02e-03	5.2e01
-	440	336.5	-27.4	1.07e-01	9.6e01
-	480	353.8	12.0	7.63e-02	1.2e02



Sample: 26A.1

PCA dec 2.72 / inc 77.07
PCA MAD1 2.73 / MAD3 5.22
(0.22 0.01 0.97)t

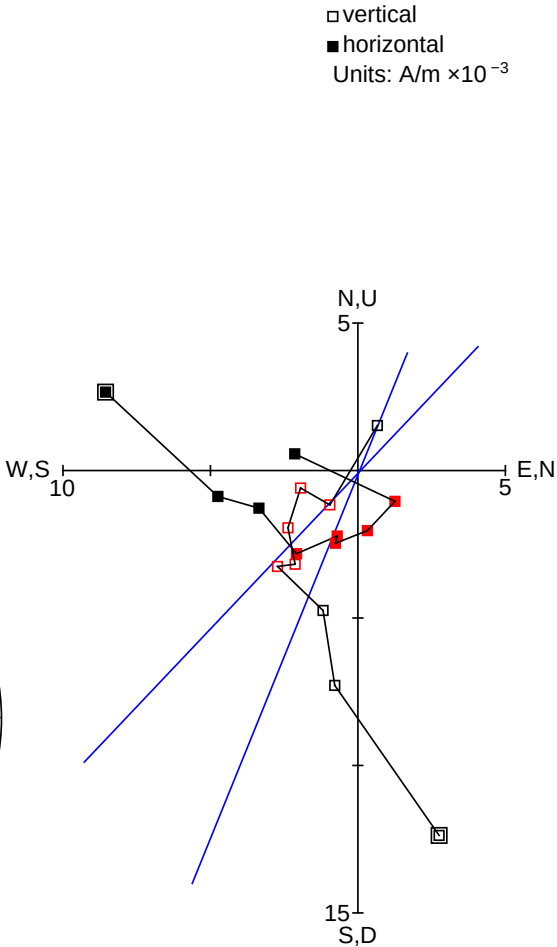
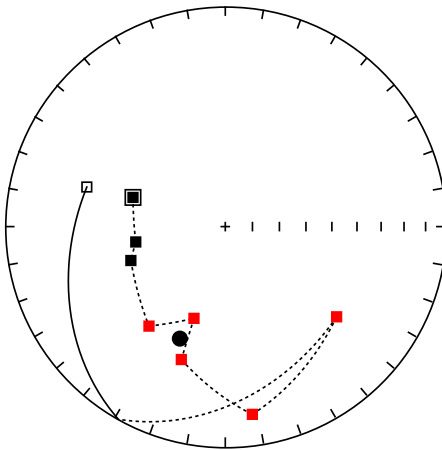
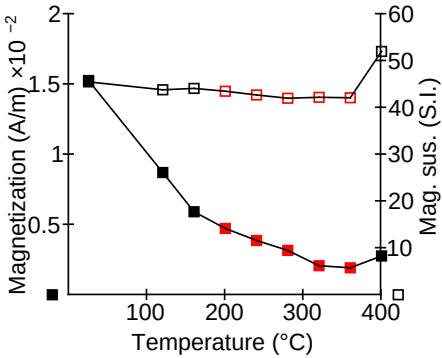
	temp.	dec.	inc.	int.	m.s.
*	25	351.7	75.8	1.21e-02	3.9e01
*	120	20.0	78.3	6.53e-03	3.8e01
*	160	61.4	74.0	4.34e-03	3.8e01
	200	168.5	72.1	2.99e-03	3.7e01
	240	99.4	49.1	2.19e-03	3.6e01
	280	97.3	50.7	2.00e-03	3.4e01
	320	121.4	13.4	1.87e-03	3.5e01
	360	81.7	-10.3	9.63e-04	3.6e01
-	400	178.5	-64.9	5.87e-03	4.5e01
-	440	283.0	-51.9	1.28e-01	8.7e01
-	480	277.4	-56.6	9.75e-02	1.3e02



Sample: 27B.1

PCA dec 202.07 / inc 44.36
PCA MAD1 31.86 / MAD3 18.66
(-0.66 -0.27 0.70)t

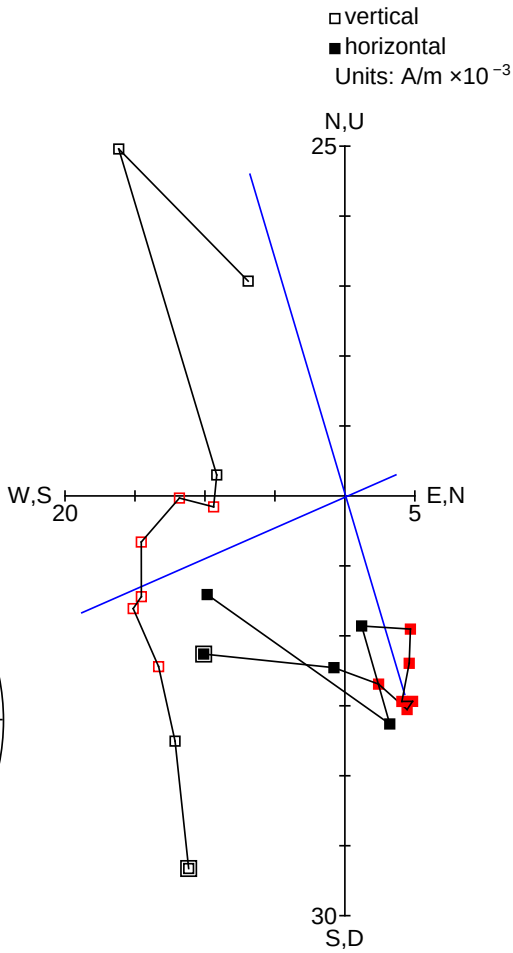
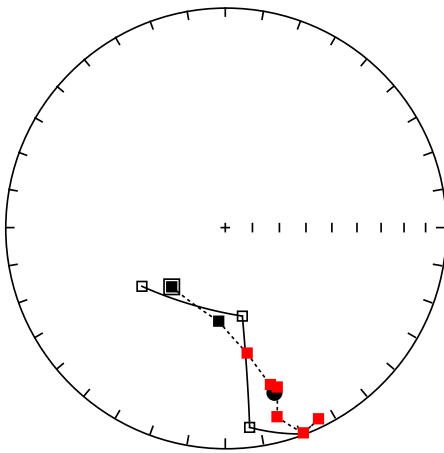
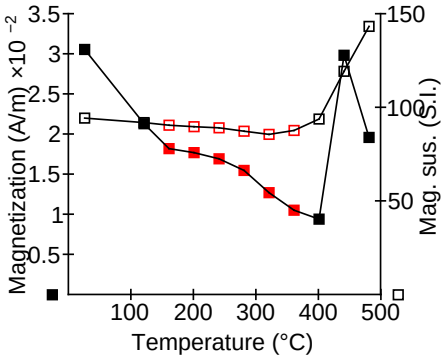
temp.	dec.	inc.	int.	m.s.
25	287.5	53.8	1.53e-02	4.6e01
120	260.3	56.1	8.71e-03	4.4e01
160	250.2	52.4	5.91e-03	4.4e01
* 200	217.5	42.5	4.73e-03	4.4e01
* 240	198.8	53.7	3.87e-03	4.3e01
* 280	198.3	36.6	3.16e-03	4.2e01
* 320	171.8	15.0	2.07e-03	4.2e01
* 360	129.0	35.2	1.92e-03	4.2e01
400	286.0	-35.0	2.76e-03	5.2e01
- 440	304.9	-53.0	6.76e-02	1.0e02
- 480	307.8	-44.9	6.33e-02	1.4e02



Sample: 28B.1

PCA dec 163.43 / inc 22.83
PCA MAD1 9.35 / MAD3 14.20
(-0.88 0.26 0.39)t

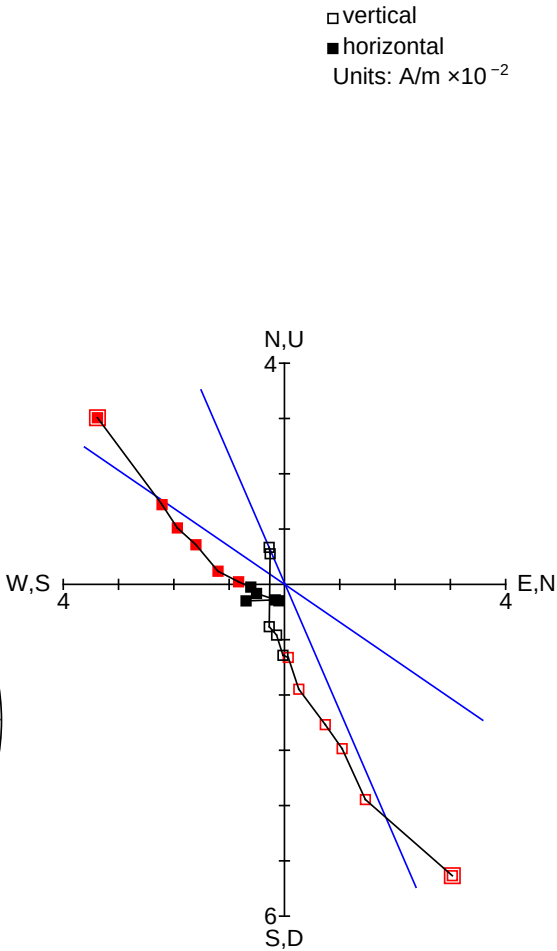
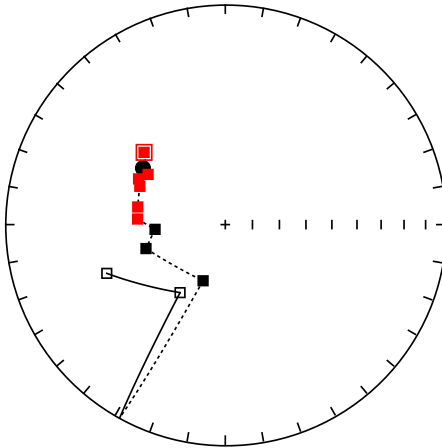
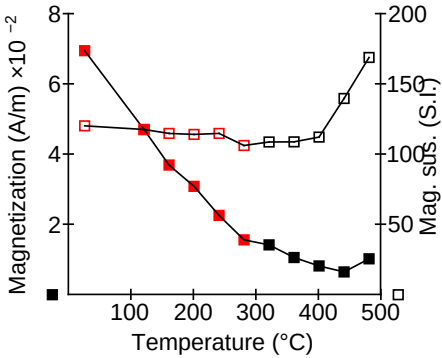
temp.	dec.	inc.	int.	m.s.
25	222.1	60.3	3.06e-02	9.4e01
120	184.0	55.0	2.13e-02	9.2e01
* 160	170.1	41.8	1.82e-02	9.1e01
* 200	164.0	26.8	1.77e-02	9.0e01
* 240	162.0	24.9	1.70e-02	8.9e01
* 280	164.7	12.0	1.55e-02	8.7e01
* 320	159.2	0.4	1.27e-02	8.6e01
* 360	154.0	3.9	1.05e-02	8.8e01
400	173.1	-9.5	9.43e-03	9.4e01
440	169.1	-56.4	2.99e-02	1.2e02
480	234.8	-51.8	1.96e-02	1.4e02



Sample: 29A.1

PCA dec 304.45 / inc 52.62
PCA MAD1 10.83 / MAD3 6.42
(0.34 -0.50 0.79)t

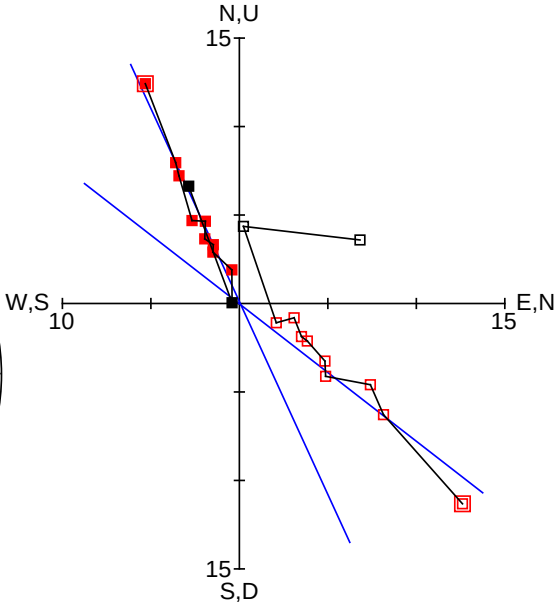
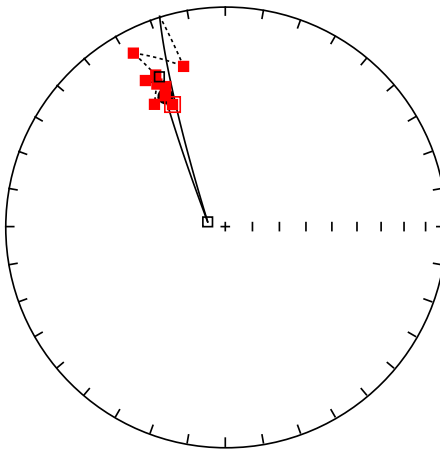
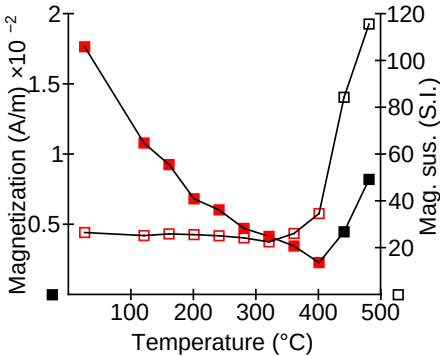
	temp.	dec.	inc.	int.	m.s.
*	25	311.6	49.2	6.95e-02	1.2e02
*	120	303.0	55.6	4.71e-02	1.2e02
*	160	297.8	53.3	3.70e-02	1.1e02
*	200	294.1	55.0	3.09e-02	1.1e02
*	240	281.4	56.7	2.26e-02	1.1e02
*	280	273.6	57.2	1.56e-02	1.1e02
	320	266.1	63.9	1.42e-02	1.1e02
	360	253.2	59.2	1.06e-02	1.1e02
	400	201.6	67.6	8.20e-03	1.1e02
	440	213.6	-59.6	6.50e-03	1.4e02
	480	247.6	-41.4	1.02e-02	1.7e02



Sample: 30A.1

PCA dec 335.37 / inc 35.22
PCA MAD1 16.66 / MAD3 5.81
(0.74 -0.34 0.58)t

	temp.	dec.	inc.	int.	m.s.
*	25	336.6	39.5	1.77e-02	2.7e01
*	120	335.4	34.9	1.08e-02	2.5e01
*	160	334.4	29.0	9.27e-03	2.6e01
*	200	329.9	36.1	6.83e-03	2.6e01
*	240	337.0	31.5	6.04e-03	2.5e01
*	280	331.3	25.4	4.73e-03	2.4e01
*	320	335.3	25.3	4.16e-03	2.3e01
*	360	332.1	11.9	3.47e-03	2.6e01
*	400	345.4	25.8	2.29e-03	3.5e01
	440	285.0	-83.3	4.48e-03	8.4e01
	480	336.3	-26.6	8.22e-03	1.2e02

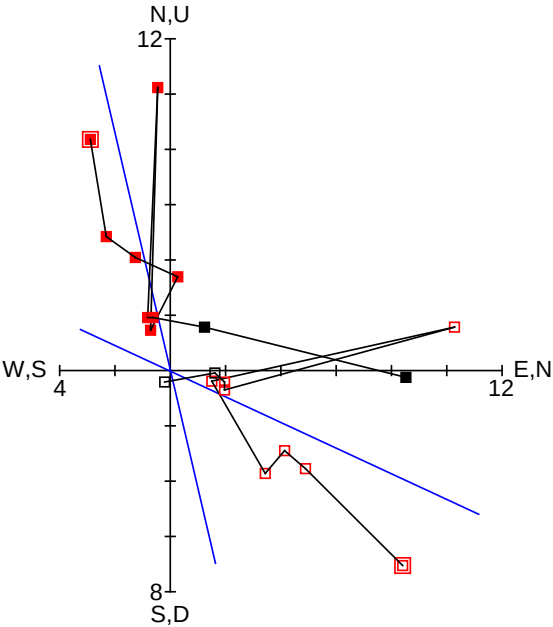
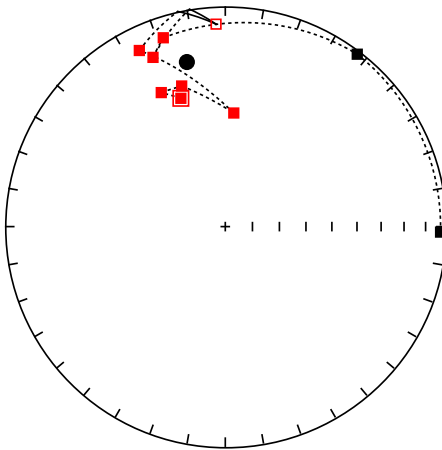
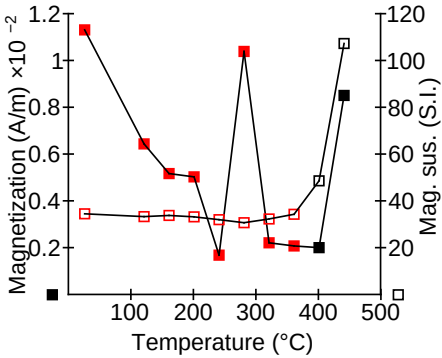


□ vertical
■ horizontal
Units: A/m $\times 10^{-3}$

Sample: 31B

PCA dec 346.86 / inc 24.31
PCA MAD1 16.39 / MAD3 23.09
(0.89 -0.21 0.41)t

	temp.	dec.	inc.	int.	m.s.
*	25	340.9	38.3	1.13e-02	3.5e01
*	120	334.5	33.1	6.45e-03	3.3e01
*	160	342.8	33.6	5.18e-03	3.4e01
*	200	4.3	47.1	5.04e-03	3.3e01
*	240	334.0	12.1	1.69e-03	3.2e01
*	280	357.4	-8.9	1.04e-02	3.1e01
*	320	336.9	17.6	2.22e-03	3.2e01
*	360	341.8	10.7	2.09e-03	3.4e01
	400	37.4	1.7	2.01e-03	4.9e01
	440	91.5	2.6	8.52e-03	1.1e02
-	480	43.8	10.0	1.48e-02	2.0e02

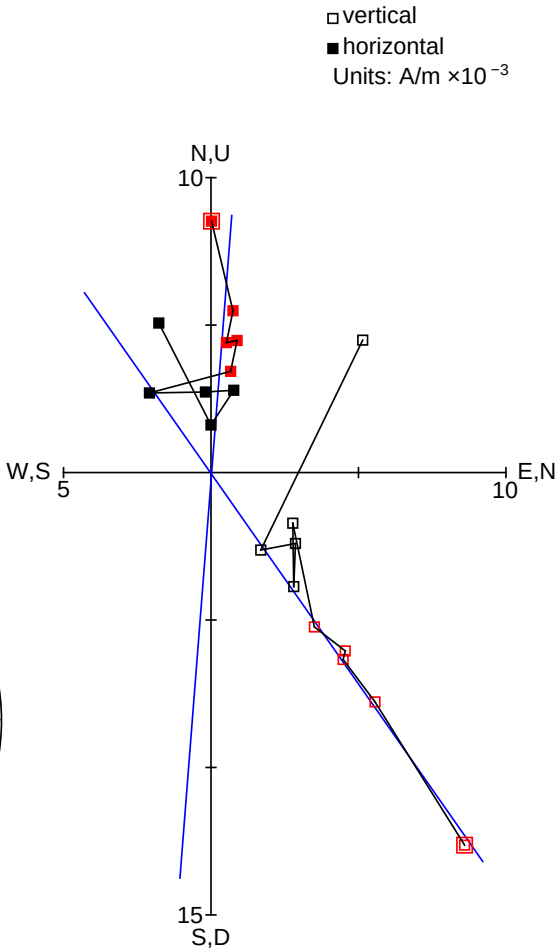
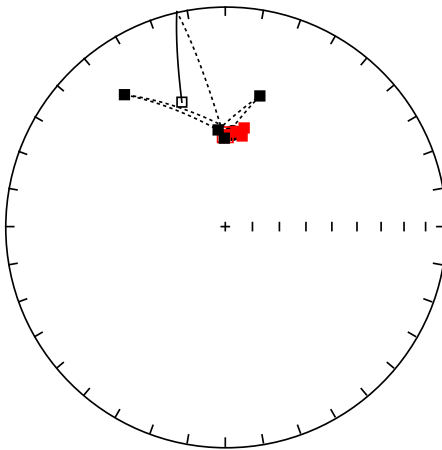
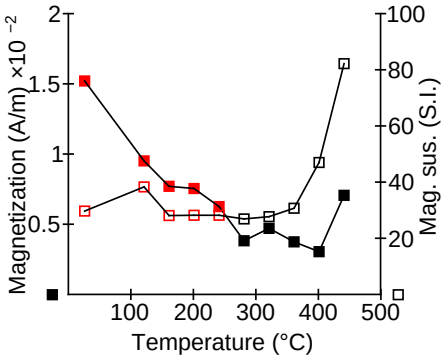


□ vertical
■ horizontal
Units: A/m $\times 10^{-3}$

Sample: 32A.1

PCA dec 4.47 / inc 54.92
PCA MAD1 13.22 / MAD3 2.79
(0.57 0.04 0.82)t

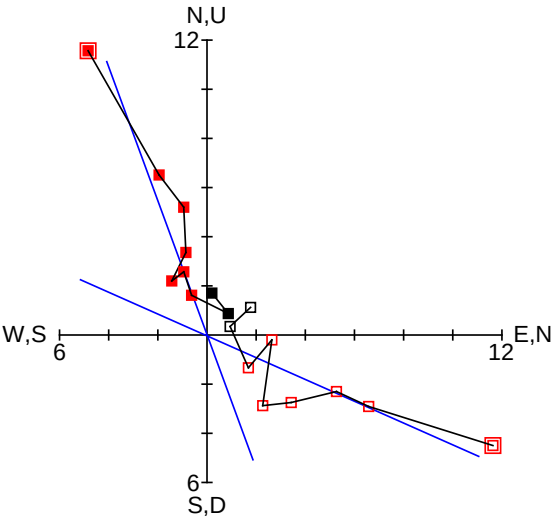
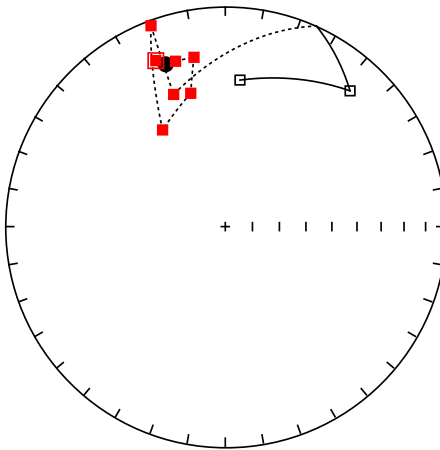
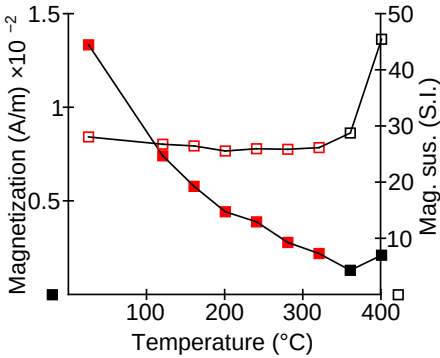
	temp.	dec.	inc.	int.	m.s.
*	25	360.0	55.7	1.52e-02	3.0e01
*	120	7.5	54.1	9.53e-03	3.8e01
*	160	6.5	54.4	7.72e-03	2.8e01
*	200	10.8	52.4	7.56e-03	2.8e01
*	240	10.5	55.6	6.28e-03	2.8e01
	280	322.6	25.6	3.84e-03	2.7e01
	320	355.8	53.7	4.73e-03	2.8e01
	360	14.8	38.6	3.77e-03	3.1e01
	400	359.3	57.0	3.07e-03	4.7e01
	440	340.8	-39.9	7.08e-03	8.2e01
-	480	30.9	19.4	1.58e-02	1.7e02



Sample: 33B

PCA dec 339.84 / inc 22.61
PCA MAD1 29.56 / MAD3 8.78
(0.87 -0.32 0.38)t

	temp.	dec.	inc.	int.	m.s.
*	25	337.3	19.5	1.34e-02	2.8e01
*	120	343.3	22.7	7.42e-03	2.7e01
*	160	349.5	22.9	5.79e-03	2.6e01
*	200	345.5	37.5	4.43e-03	2.6e01
*	240	327.0	46.6	3.89e-03	2.6e01
*	280	339.7	3.2	2.79e-03	2.6e01
*	320	338.7	35.8	2.20e-03	2.6e01
	360	42.6	-17.4	1.31e-03	2.9e01
	400	5.7	-33.6	2.11e-03	4.6e01
-	440	65.7	-30.2	1.24e-02	7.5e01
-	480	50.1	-35.2	1.17e-02	1.3e02



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