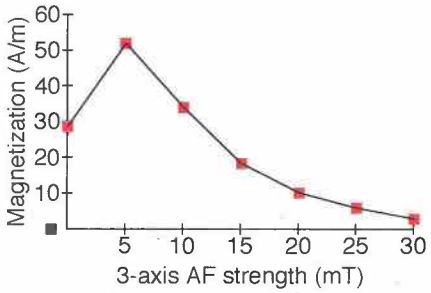
Supplemental File S2: Dike paleopole data

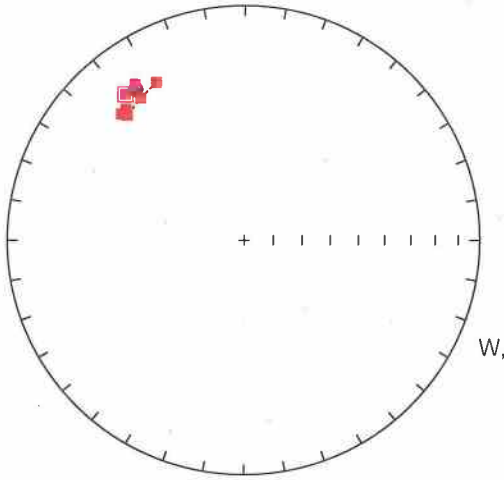
Supplemental Material for Malone, D., Craddock, J., Wallenberg, A., Gaschot, B., and Luczaj, J.A., 2022, Geology of Chief Joseph Pass, Wyoming: Crest of Rattlesnake Mountain anticline and escape path of the Eocene Heart Mountain slide, *in* Craddock, J.P., Malone, D.H., Foreman, B.Z., and Konstantinou, A., eds., Tectonic Evolution of the Sevier-Laramide Hinterland, Thrust Belt, and Foreland, and Postorogenic Slab Rollback (180–20 Ma): Geological Society of America Special Paper 555, https://doi.org/10.1130/2022.2555(12).

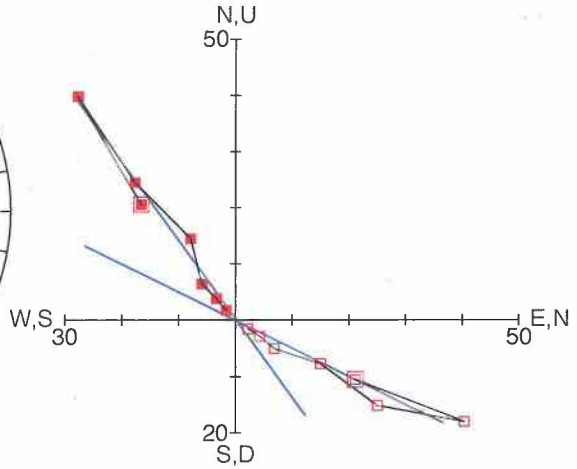
Sample: MD1

PCA dec 324.31 / inc 21.99
PCA MAD1 40.21 / MAD3 3.52
(0.75 -0.54 0.37)t

	demag.	dec.	inc.	int.	m.s.
*	0	321.0	21.0	2.87e+01	-
*	5	325.0	20.0	5.20e+01	-
*	10	324.0	26.0	3.40e+01	-
*	15	331.0	24.0	1.84e+01	-
*	20	317.0	28.0	1.02e+01	-
*	25	318.0	26.0	6.00e+00	-
*	30	316.0	26.0	2.99e+00	-



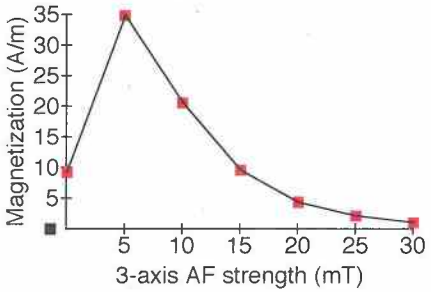


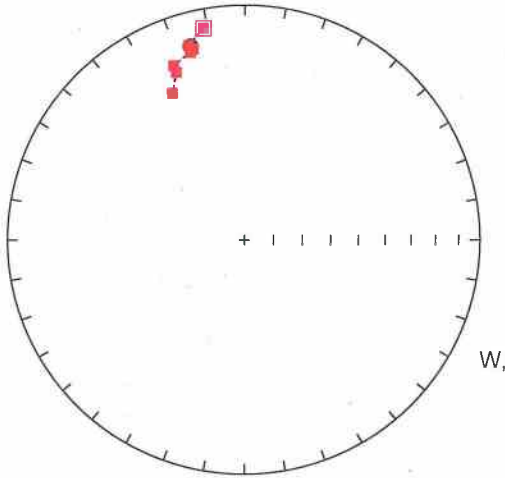


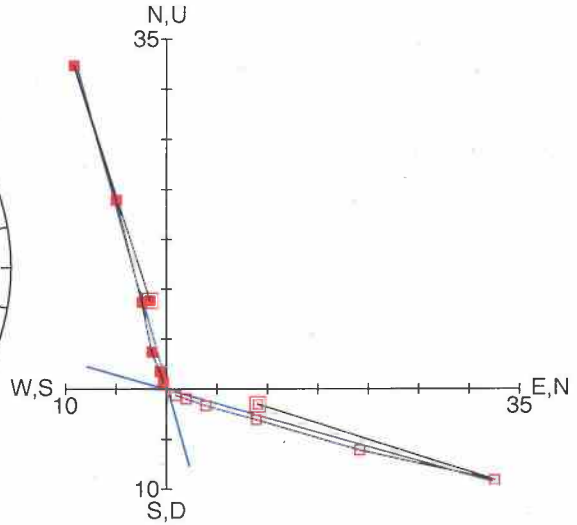
Sample: MD2

PCA dec 344.38 / inc 15.43
PCA MAD1 21.62 / MAD3 2.28
(0.93 -0.26 0.27)t

	demag.	dec.	inc.	int.	m.s.
*	0	349.0	9.0	9.23e+00	-
*	5	344.0	15.0	3.49e+01	-
*	10	345.0	17.0	2.06e+01	-
*	15	344.0	18.0	9.61e+00	-
*	20	338.0	21.0	4.39e+00	-
*	25	338.0	24.0	2.19e+00	-
*	30	334.0	31.0	1.08e+00	-







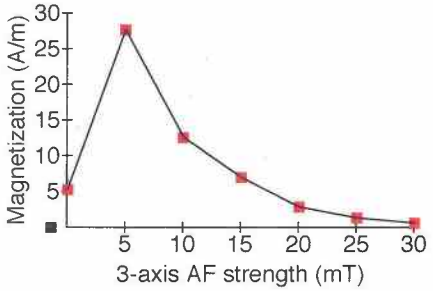
□ vertical
■ horizontal
Units: A/m ×100

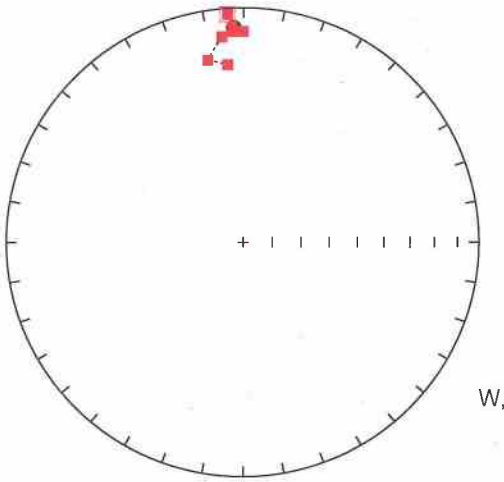
Sample: MD3

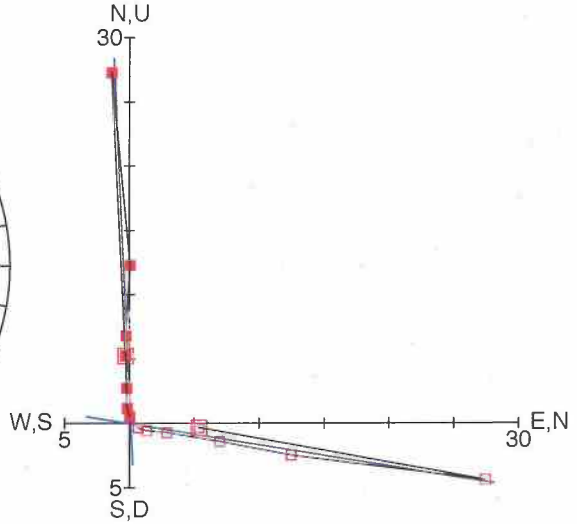
□ vertical
■ horizontal
Units: A/m ×100

PCA dec 357.40 / inc 9.31
PCA MAD1 31.83 / MAD3 1.92
(0.99 -0.04 0.16)t

demag.	dec.	inc.	int.	m.s.
* 0	356.0	3.0	5.30e+00	-
* 5	357.0	9.0	2.77e+01	-
* 10	0.0	11.0	1.26e+01	-
* 15	357.0	11.0	7.00e+00	-
* 20	354.0	13.0	2.88e+00	-
* 25	349.0	22.0	1.36e+00	-
* 30	355.0	25.0	6.56e-01	-



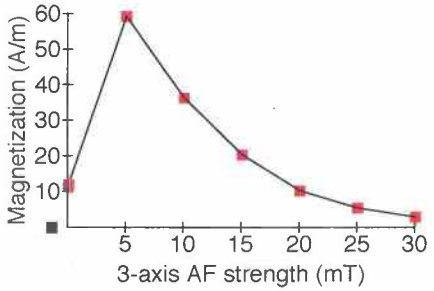


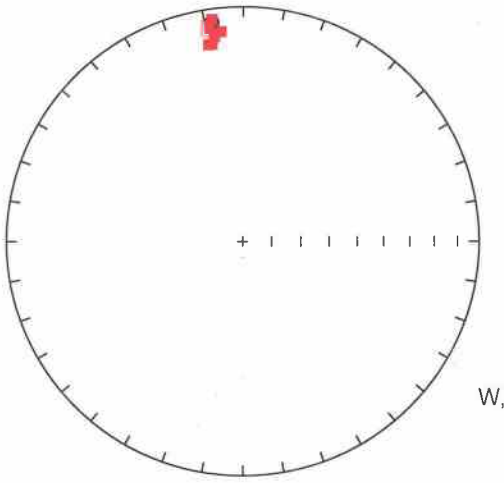


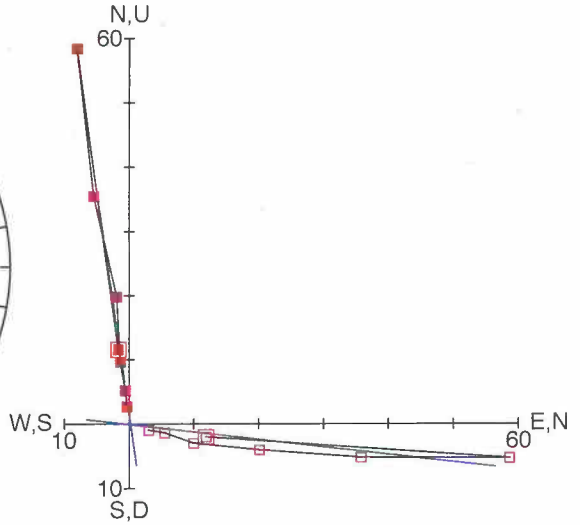
Sample: MD4

PCA dec 351.86 / inc 6.54
PCA MAD1 17.27 / MAD3 2.51
(0.98 -0.14 0.11)t

demag.	dec.	inc.	int.	m.s.
* 0	351.0	9.0	1.20e+01	-
* 5	352.0	5.0	5.93e+01	-
* 10	351.0	8.0	3.64e+01	-
* 15	354.0	11.0	2.04e+01	-
* 20	351.0	16.0	1.03e+01	-
* 25	352.0	13.0	5.51e+00	-
* 30	350.0	16.0	3.01e+00	-







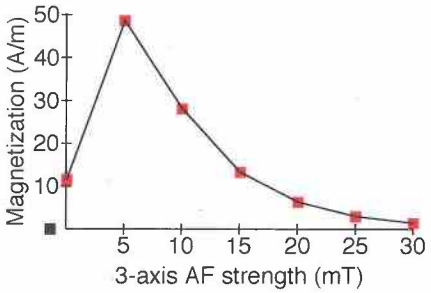
□ vertical
■ horizontal
Units: A/m ×100

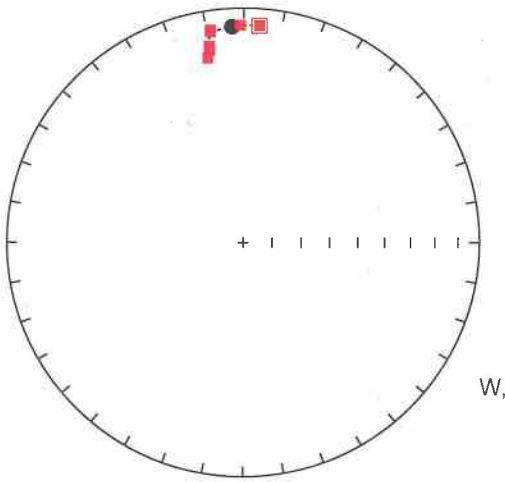
Sample: MD5

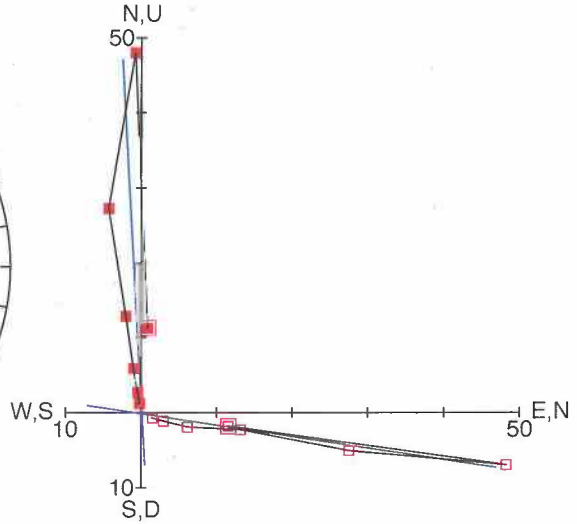
□ vertical
■ horizontal
Units: A/m ×100

PCA dec 356.87 / inc 8.64
PCA MAD1 11.81 / MAD3 4.06
(0.99 -0.05 0.15)t

demag.	dec.	inc.	int.	m.s.
* 0	4.0	8.0	1.16e+01	-
* 5	359.0	8.0	4.87e+01	-
* 10	351.0	10.0	2.82e+01	-
* 15	351.0	9.0	1.34e+01	-
* 20	350.0	16.0	6.40e+00	-
* 25	350.0	18.0	3.07e+00	-
* 30	349.0	21.0	1.53e+00	-



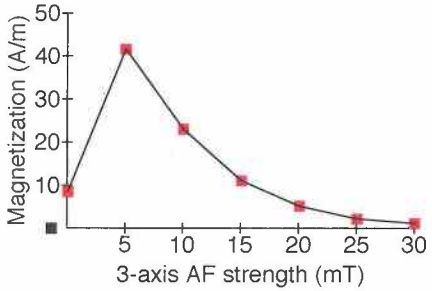


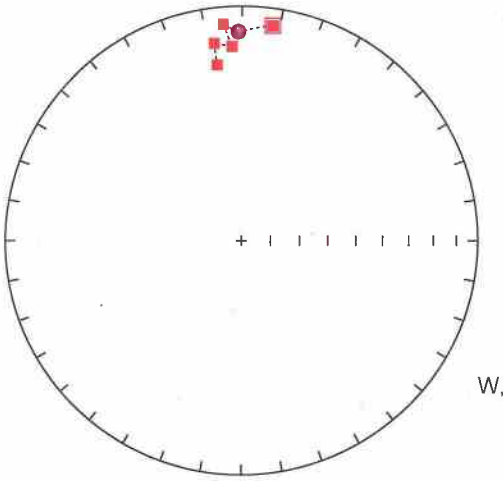


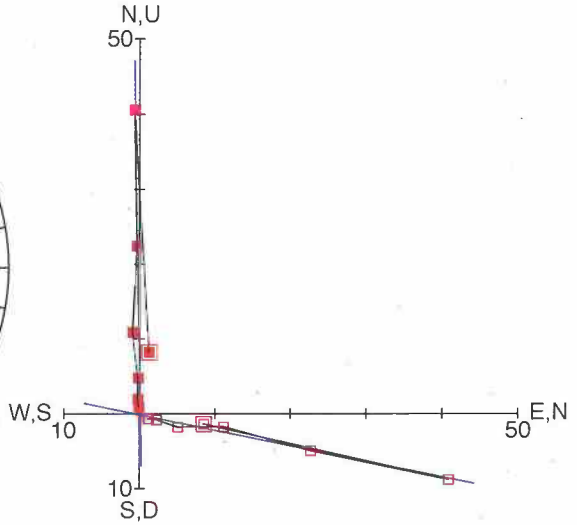
Sample: MD6

PCA dec 359.02 / inc 11.77
PCA MAD1 34.39 / MAD3 2.23
(0.98 -0.02 0.20)t

demag.	dec.	inc.	int.	m.s.
* 0	8.0	8.0	8.60e+00	-
* 5	359.0	12.0	4.17e+01	-
* 10	359.0	12.0	2.31e+01	-
* 15	355.0	8.0	1.12e+01	-
* 20	357.0	18.0	5.25e+00	-
* 25	352.0	16.0	2.26e+00	-
* 30	352.0	25.0	1.22e+00	-







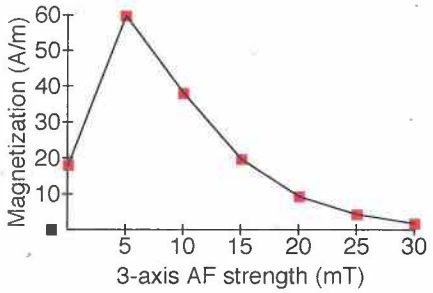
□ vertical
■ horizontal
Units: A/m ×100

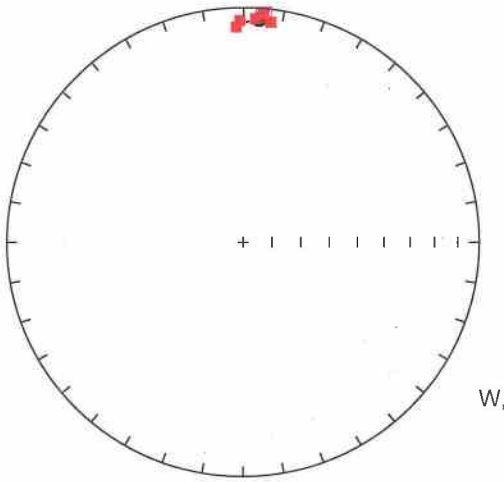
Sample: MD7

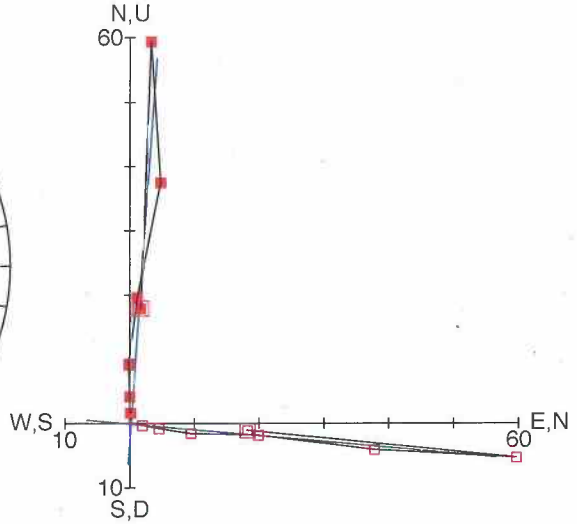
□ vertical
■ horizontal
Units: A/m ×100

PCA dec 4.01 / inc 5.21
PCA MAD1 24.01 / MAD3 2.08
(0.99 0.07 0.09)t

	demag.	dec.	inc.	int.	m.s.
*	0	5.0	3.0	1.81e+01	-
*	5	3.0	5.0	5.98e+01	-
*	10	7.0	6.0	3.81e+01	-
*	15	3.0	5.0	1.98e+01	-
*	20	358.0	9.0	9.37e+00	-
*	25	358.0	9.0	4.38e+00	-
*	30	359.0	6.0	1.78e+00	-



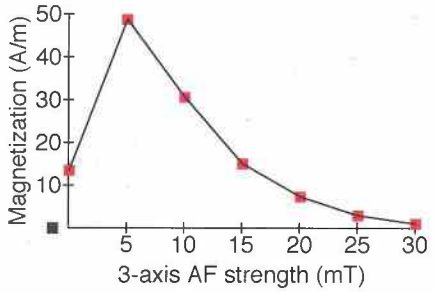




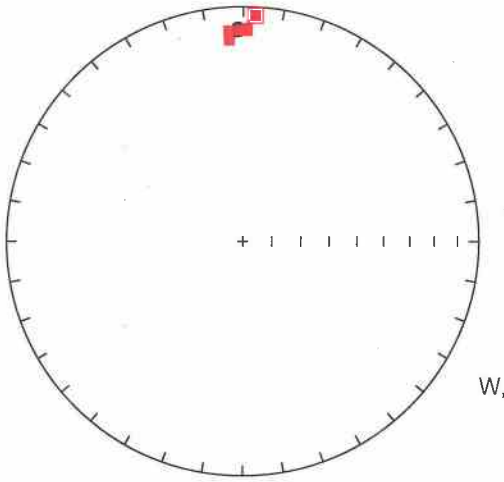
Sample: MD8

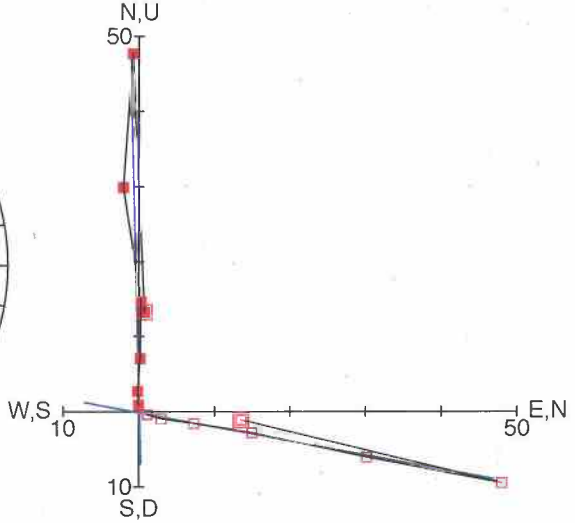
PCA dec 358.59 / inc 10.62
PCA MAD1 25.45 / MAD3 2.31
(0.98 -0.02 0.18)t

demag.	dec.	inc.	int.	m.s.
* 0	3.0	4.0	1.35e+01	-
* 5	359.0	11.0	4.88e+01	-
* 10	356.0	11.0	3.07e+01	-
* 15	1.0	10.0	1.51e+01	-
* 20	1.0	11.0	7.37e+00	-
* 25	356.0	15.0	3.01e+00	-
* 30	356.0	11.0	1.08e+00	-



vertical
horizontal
Units: A/m ×100

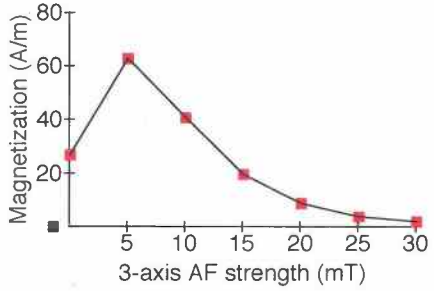


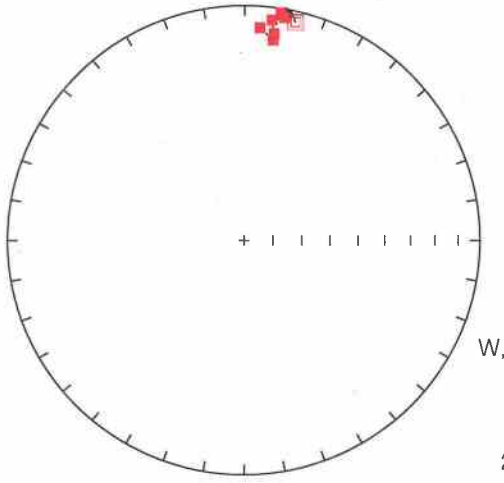


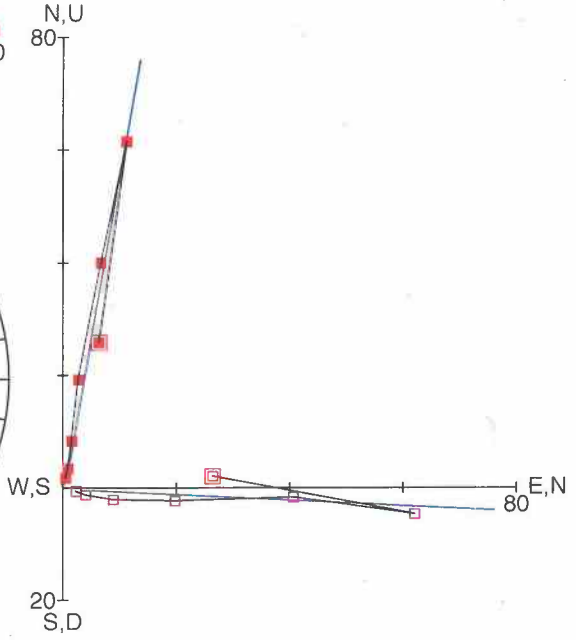
Sample: MD9

PCA dec 9.87 / inc 2.80
PCA MAD1 14.01 / MAD3 3.33
(0.98 0.17 0.05)t

demag.	dec.	inc.	int.	m.s.
* 0	13.0	-5.0	2.69e+01	-
* 5	10.0	4.0	6.28e+01	-
* 10	9.0	2.0	4.08e+01	-
* 15	7.0	6.0	1.97e+01	-
* 20	8.0	12.0	8.85e+00	-
* 25	8.0	15.0	3.88e+00	-
* 30	4.0	10.0	2.04e+00	-







□ vertical
■ horizontal
Units: A/m ×100

Sample: MD10

PCA dec 5.44 / inc 5.37
PCA MAD1 19.10 / MAD3 3.38
(0.99 0.09 0.09)t

demag.	dec.	inc.	int.	m.s.
* 0	10.0	8.0	1.06e+01	-
* 5	3.0	5.0	5.26e+01	-
* 10	10.0	5.0	3.59e+01	-
* 15	7.0	8.0	1.78e+01	-
* 20	4.0	10.0	7.29e+00	-
* 25	2.0	12.0	3.40e+00	-
* 30	3.0	20.0	1.57e+00	-