

# DH-7-490 Spindeltischdaten, gemessen in Bromnaphthalin, einige Messungen zensiert

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## 1 Beschreibung

Cummingtonit Probe DH-7-490 von Olaf Medenbach. Immersion in Bromnaphthalin ,  $n_{580} = 1.6582$  bei 20 Grad Celsius.

### 1.1 Optimierter Azimuth

#### 1.1.1 Achswinkel 2V:

	Estimate	SE	CI_l	CI_u
2V	82.63	0.19	82.25	83.01

### 1.1.2 Kartesische Koordinaten der Achsen:

	parameter	Estimate	SE	CI_l	CI_u
1	OA1x	-0.11	0.00	-0.11	-0.10
2	OA1y	-0.95	0.00	-0.95	-0.95
3	OA1z	0.29	0.00	0.29	0.29
4	OA2x	-0.16	0.00	-0.16	-0.15
5	OA2y	0.18	0.00	0.17	0.18
6	OA2z	0.97	0.00	0.97	0.97
7	ONx	0.98	0.00	0.98	0.98
8	ONy	-0.06	0.00	-0.06	-0.05
9	ONz	0.17	0.00	0.16	0.17
10	ABx	-0.17	0.00	-0.18	-0.17
11	ABy	-0.51	0.00	-0.52	-0.51
12	ABz	0.84	0.00	0.84	0.84
13	OBx	-0.04	0.00	-0.04	-0.03
14	OBz	0.86	0.00	0.85	0.86
15	OBz	0.52	0.00	0.51	0.52

### 1.1.3 Sphärische Koordinaten der Achsen:

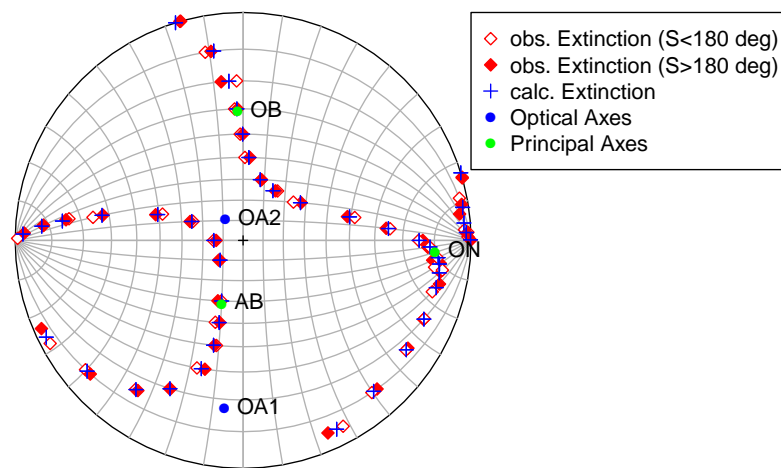
	Parameter	Estimate	SE	CI_l	CI_u
1	OA1 S	163.00	0.12	162.77	163.24
2	OA1 ES	96.14	0.14	95.86	96.41
3	OA2 S	79.53	0.15	79.24	79.82
4	OA2 ES	98.95	0.18	98.60	99.31
5	ON S	109.32	0.93	107.50	111.15
6	ON ES	10.29	0.16	9.97	10.60
7	AB S	121.43	0.09	121.25	121.61
8	AB ES	100.06	0.15	99.77	100.36
9	OB S	31.06	0.10	30.86	31.25
10	OB ES	92.11	0.17	91.78	92.45

#### 1.1.4 Winkel, die die Hauptachsen in die Drehtischebene bringen

	Axis	S	MS(EW)	MS(NS)
1	AB	121.43	101.86	11.86
2	OB	31.06	93.91	3.91
3	ON	109.32	12.09	102.09

### 1.1.5 Daten im Wulffschen Netz

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## [1] "Wulffnet"
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### **1.1.6    Gemessene und berechnete Extinktionen**

	S	MS	ES obs.	ES calc.	ES obs. - ES calc.
1	0	17.70	15.90	17.25	-1.35
2	10	13.00	11.20	8.68	2.52
3	20	4.00	2.20	4.80	-2.59
4	30	5.00	3.20	2.34	0.86
5	40	3.00	1.20	0.19	1.01
6	50	1.00	179.20	177.44	1.76
7	60	353.20	171.40	171.98	-0.57
8	65	345.40	163.60	165.79	-2.18
9	70	337.60	155.80	152.53	3.27
10	75	310.20	128.40	130.52	-2.11
11	80	296.40	114.60	115.19	-0.59
12	90	286.60	104.80	104.65	0.15
13	100	283.30	101.50	101.44	0.07
14	120	282.00	100.20	100.03	0.17
15	130	284.10	102.30	100.60	1.70
16	140	282.80	101.00	102.19	-1.19
17	150	289.20	107.40	105.76	1.64
18	160	296.50	114.70	114.86	-0.16
19	165	306.70	124.90	124.76	0.14
20	170	322.00	140.20	139.58	0.62
21	175	333.60	151.80	153.73	-1.92
22	180	345.70	163.90	162.75	1.16
23	190	352.30	170.50	171.32	-0.81
24	200	354.40	172.60	175.20	-2.60
25	210	359.70	177.90	177.66	0.24
26	220	1.70	179.90	179.81	0.09
27	230	4.80	3.00	2.56	0.44
28	240	10.30	8.50	8.02	0.48
29	245	17.20	15.40	14.21	1.19
30	250	299.60	117.80	117.47	0.33
31	255	320.40	138.60	139.48	-0.88
32	260	335.80	154.00	154.81	-0.80
33	270	348.30	166.50	165.35	1.15
34	280	349.70	167.90	168.56	-0.66
35	300	350.00	168.20	169.97	-1.77
36	310	351.50	169.70	169.40	0.31
37	320	350.00	168.20	167.81	0.40
38	330	347.40	165.60	164.24	1.37
39	340	336.80	155.00	155.14	-0.14
40	345	327.70	145.90	145.24	0.66
41	350	313.40	131.60	130.42	1.19
42	355	295.50	113.70	116.27	-2.57