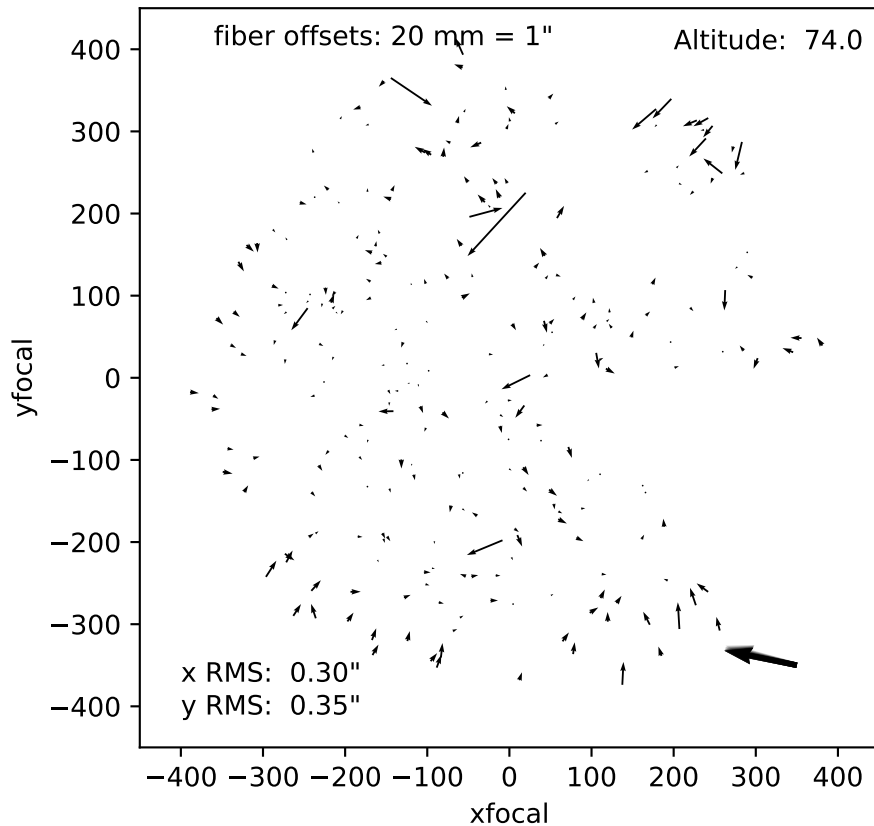
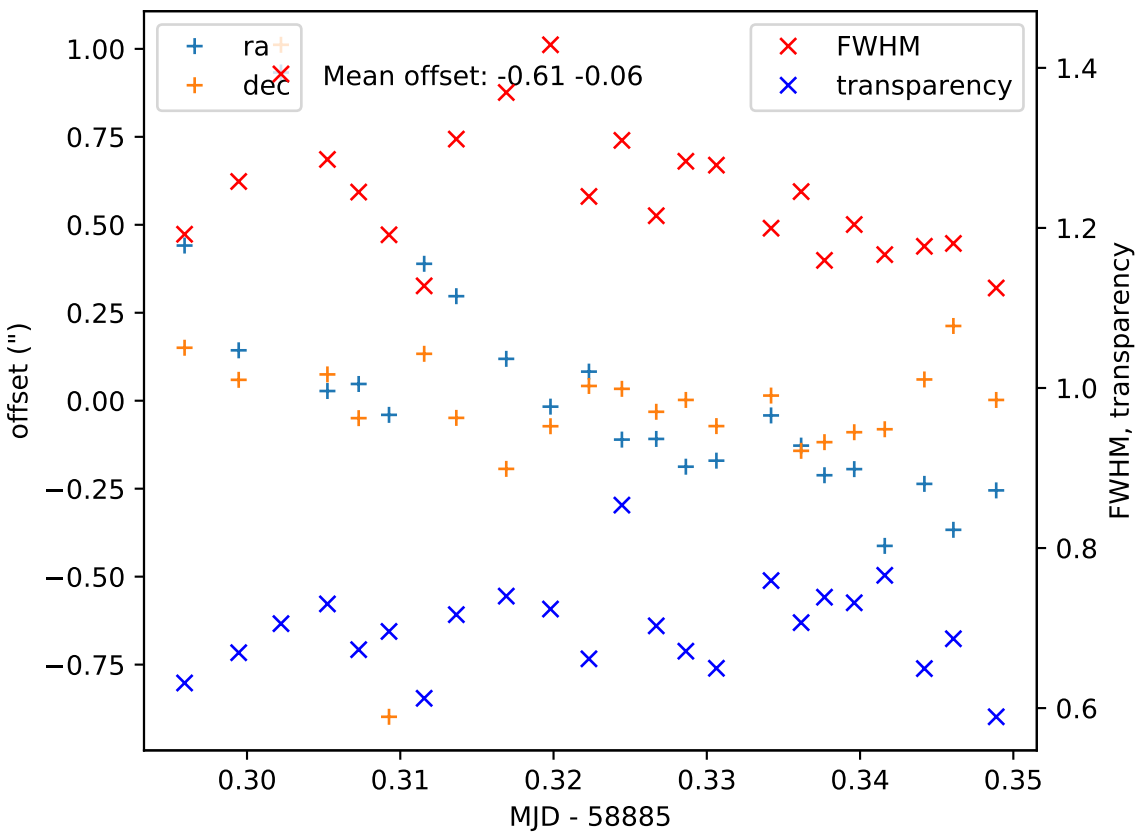
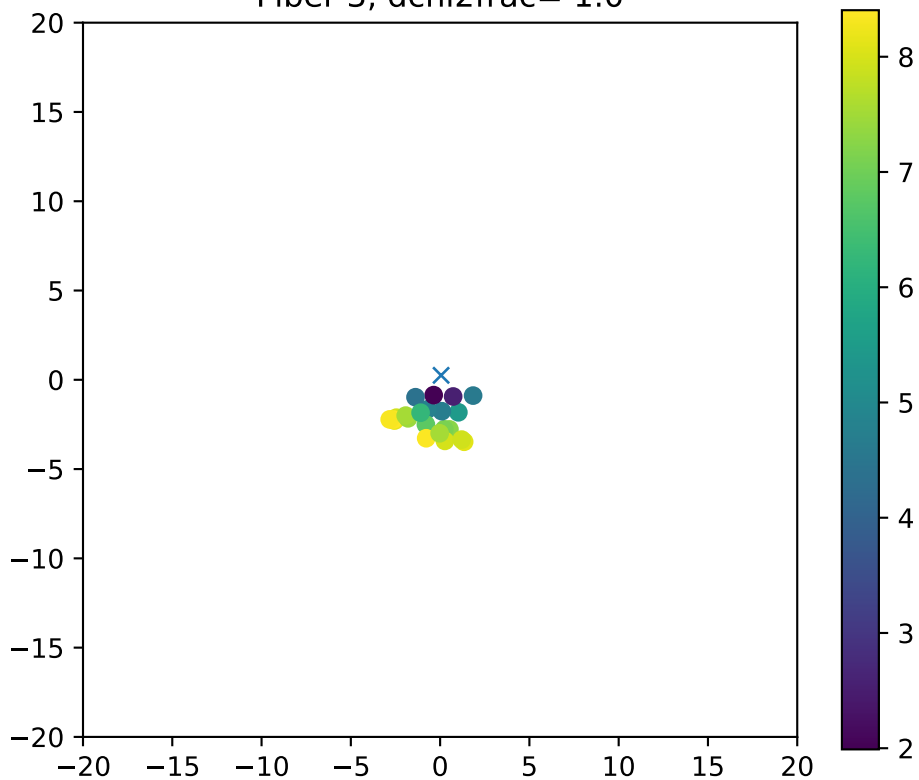


dither20200205-63128-highsnr-B

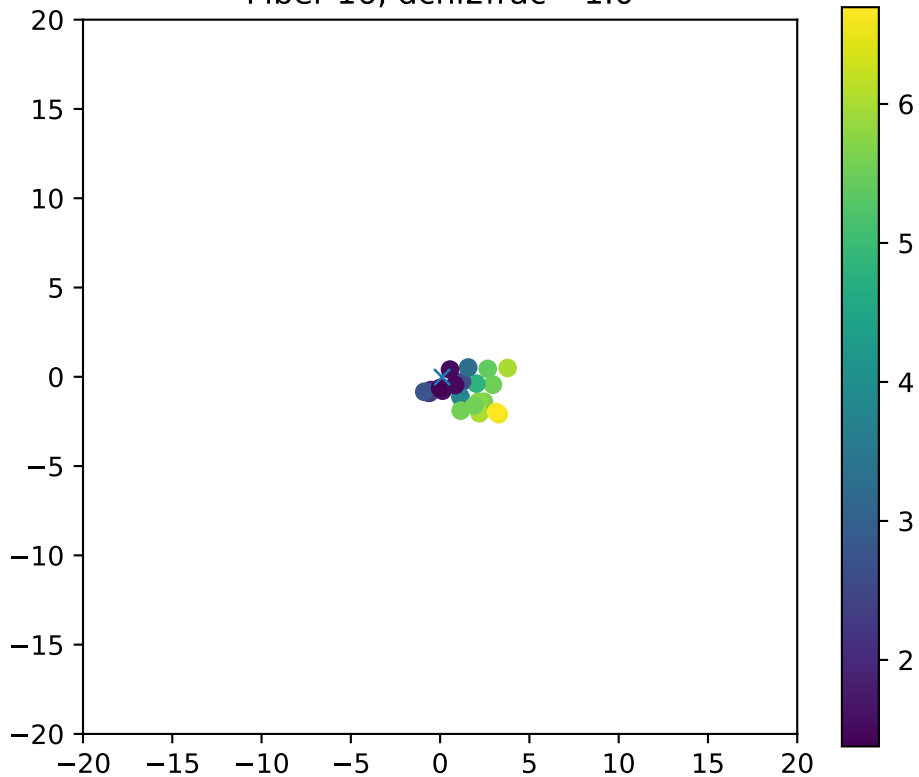




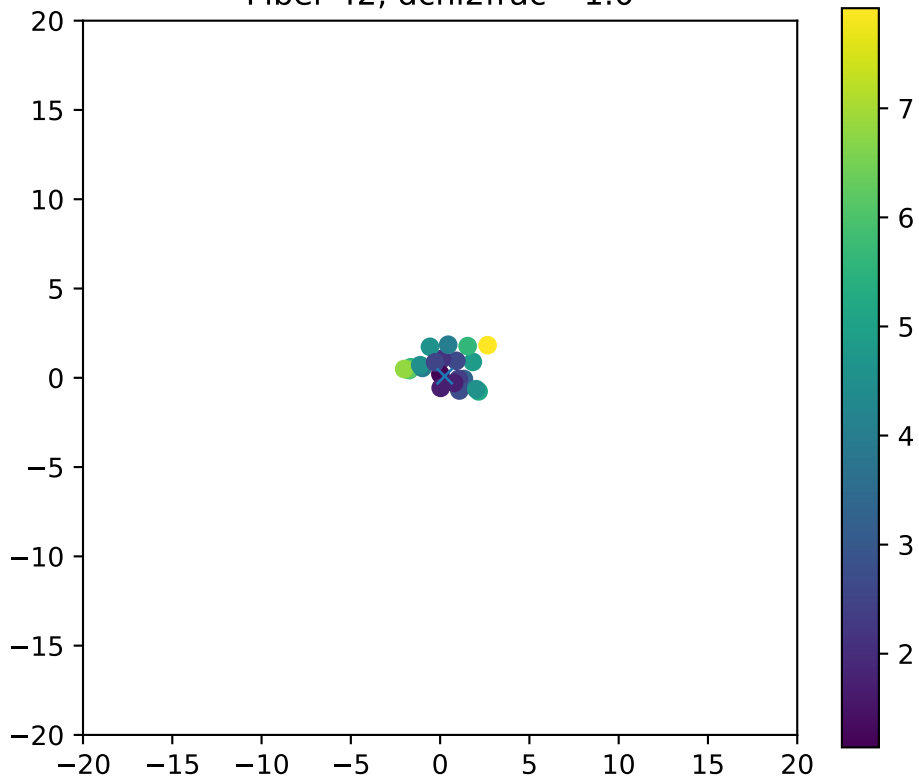
Fiber 3, dchi2frac= 1.0



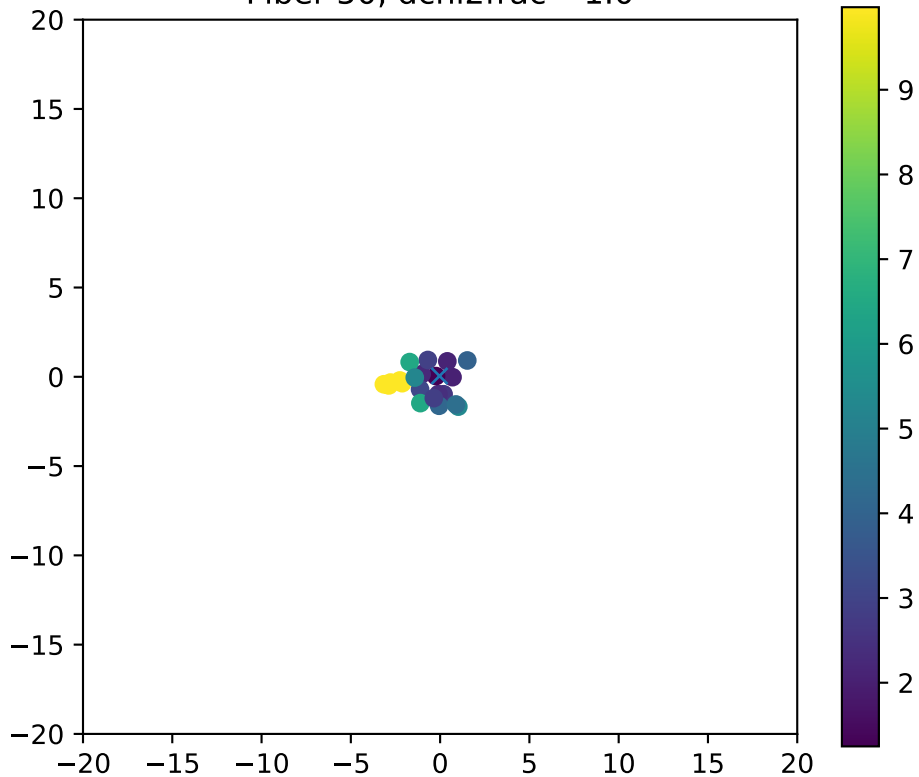
Fiber 16, dchi2frac= 1.0



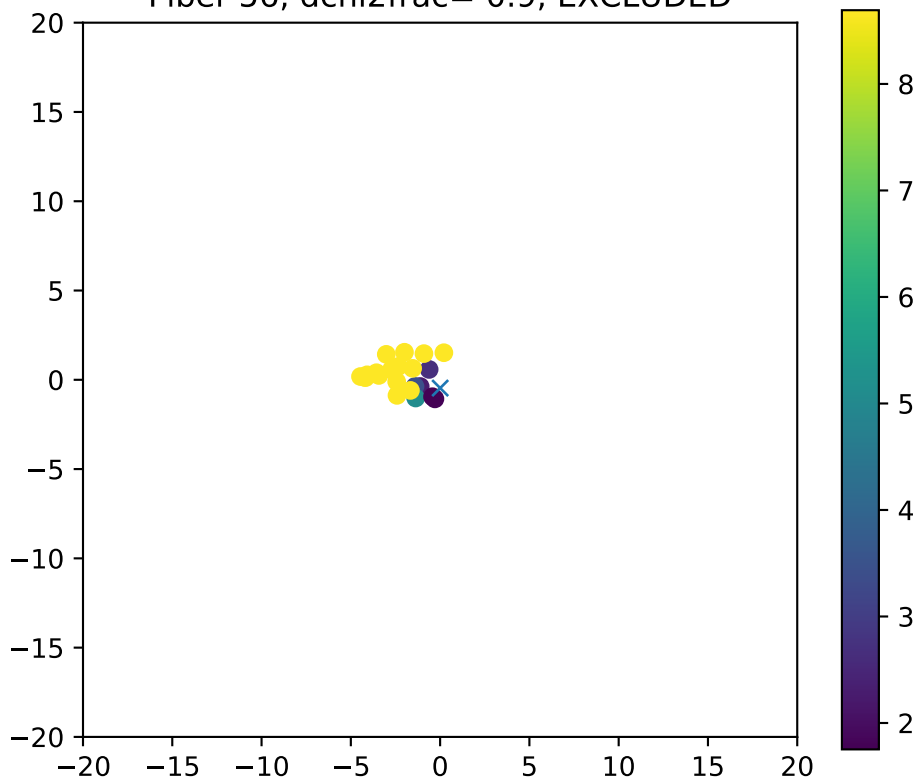
Fiber 42, dchi2frac= 1.0



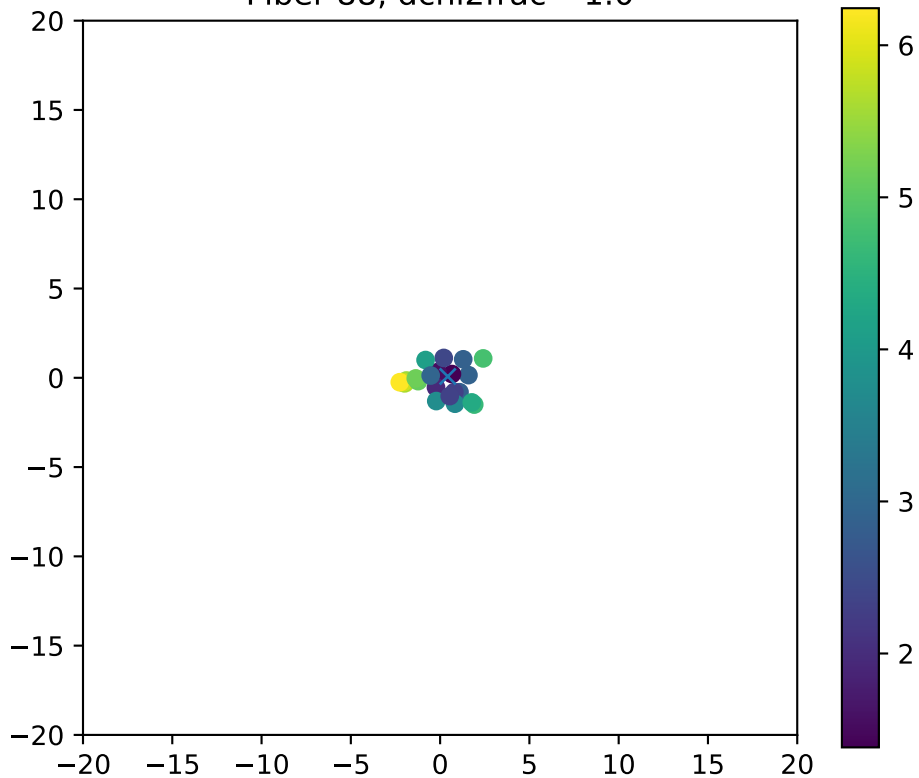
Fiber 50, dchi2frac= 1.0



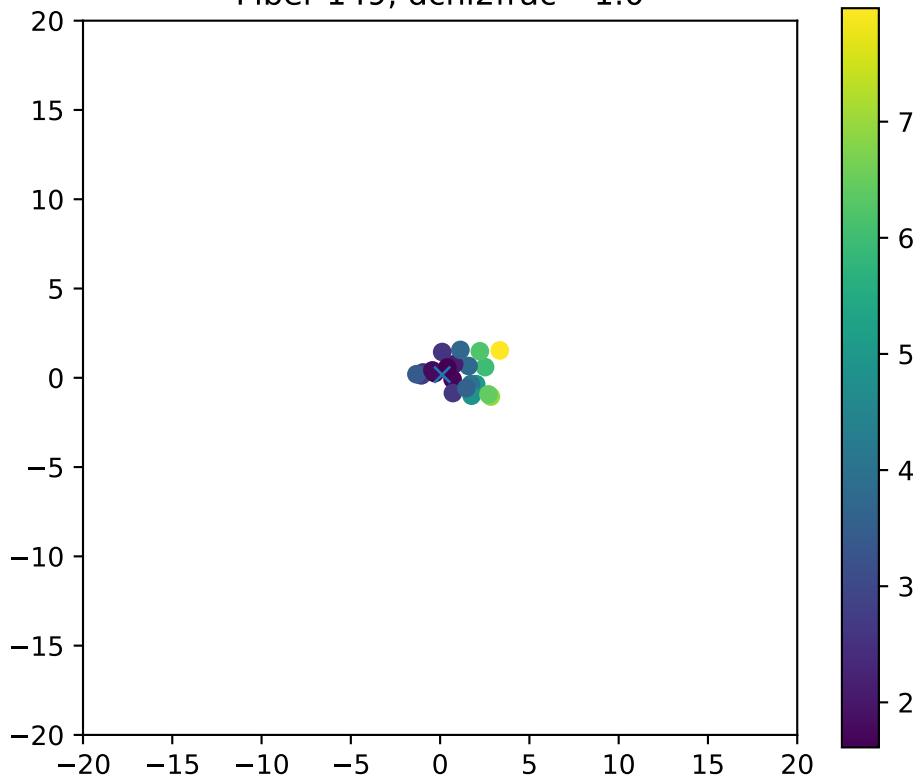
Fiber 56, dchi2frac= 0.9, EXCLUDED



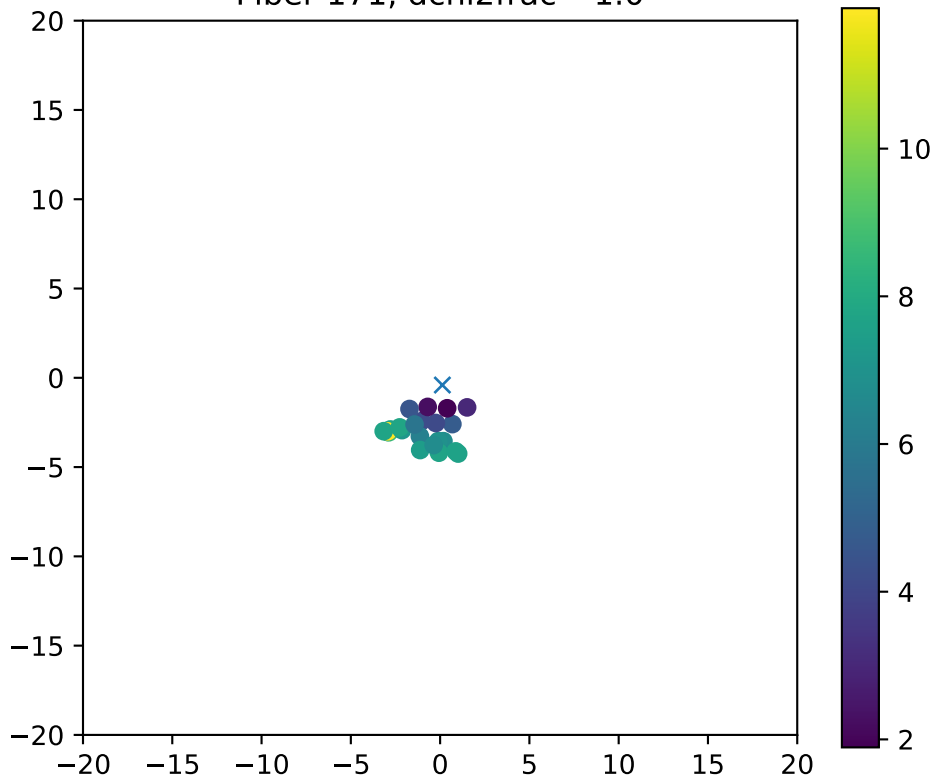
Fiber 88, dchi2frac= 1.0



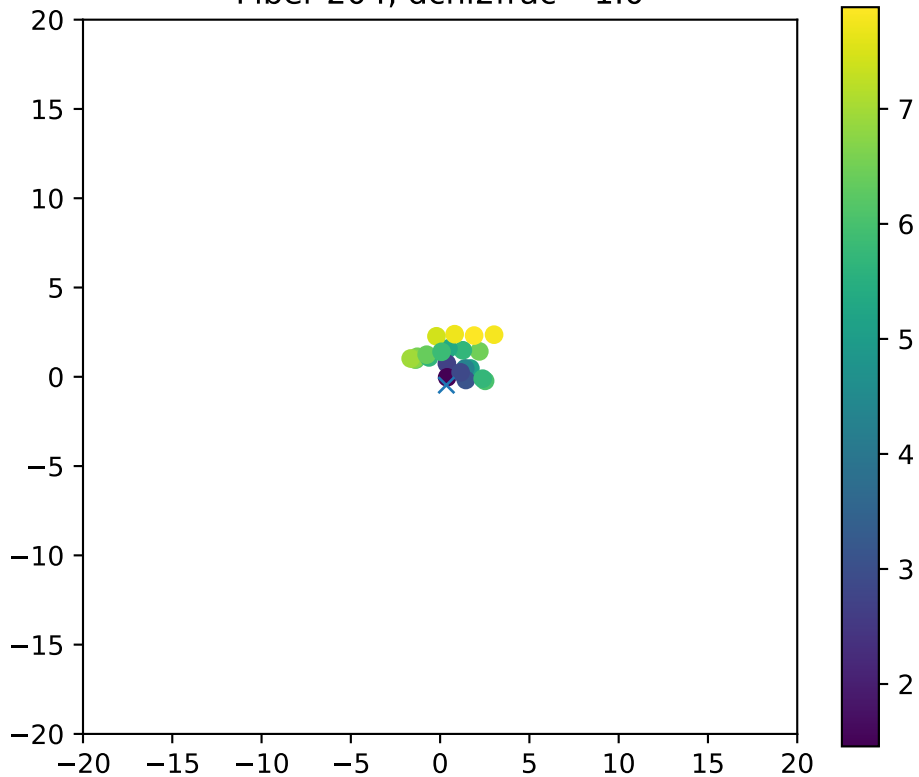
Fiber 149, dchi2frac= 1.0



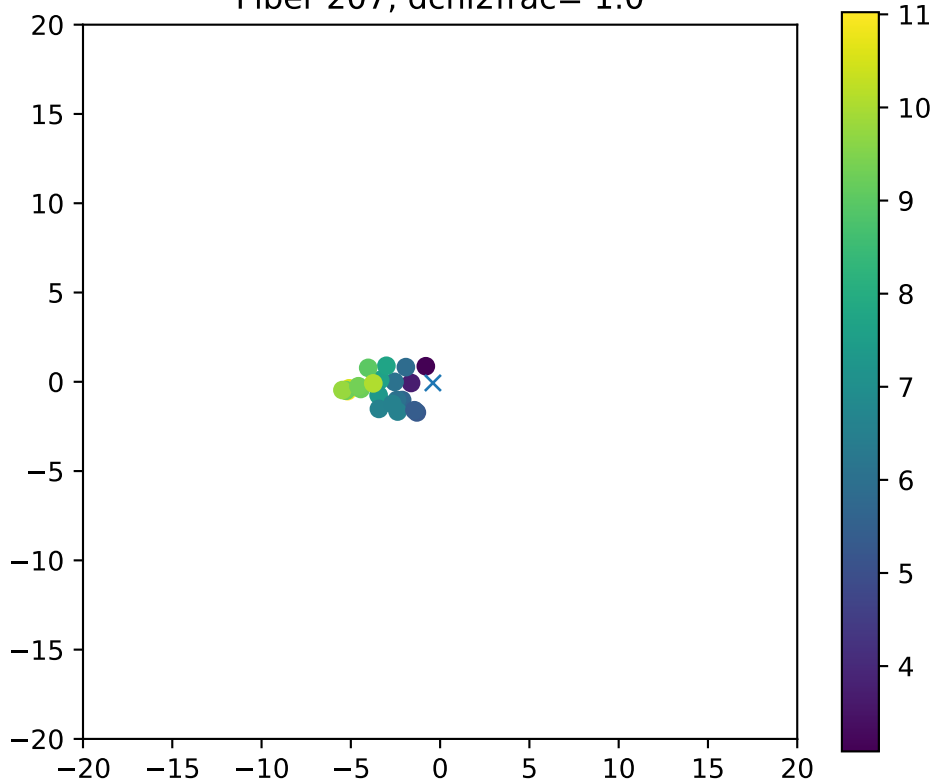
Fiber 171, dchi2frac= 1.0



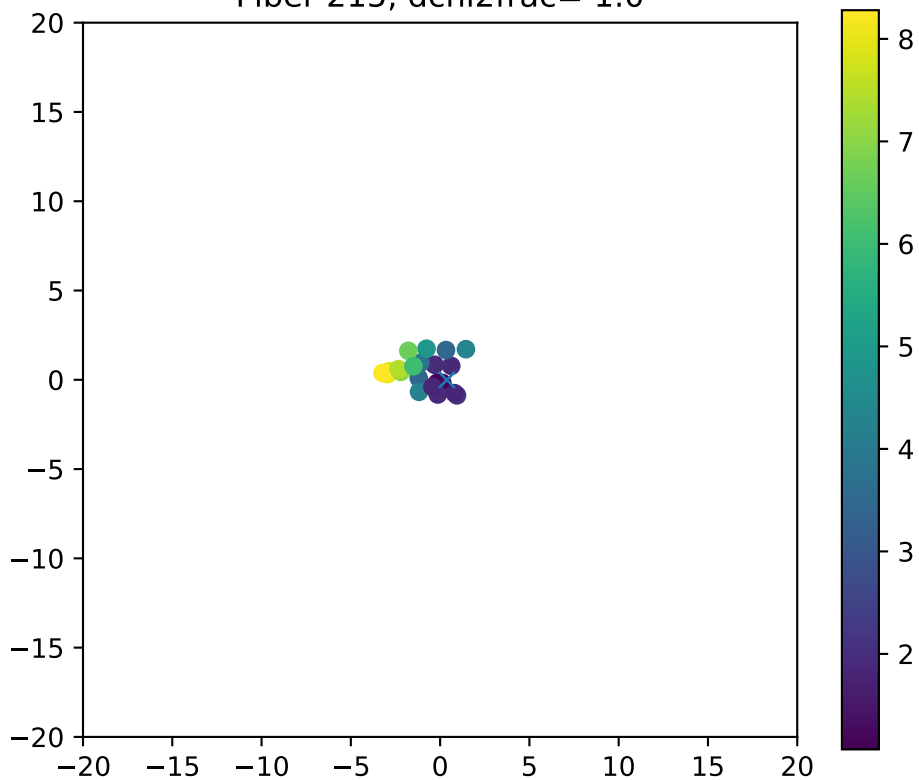
Fiber 204, dchi2frac= 1.0



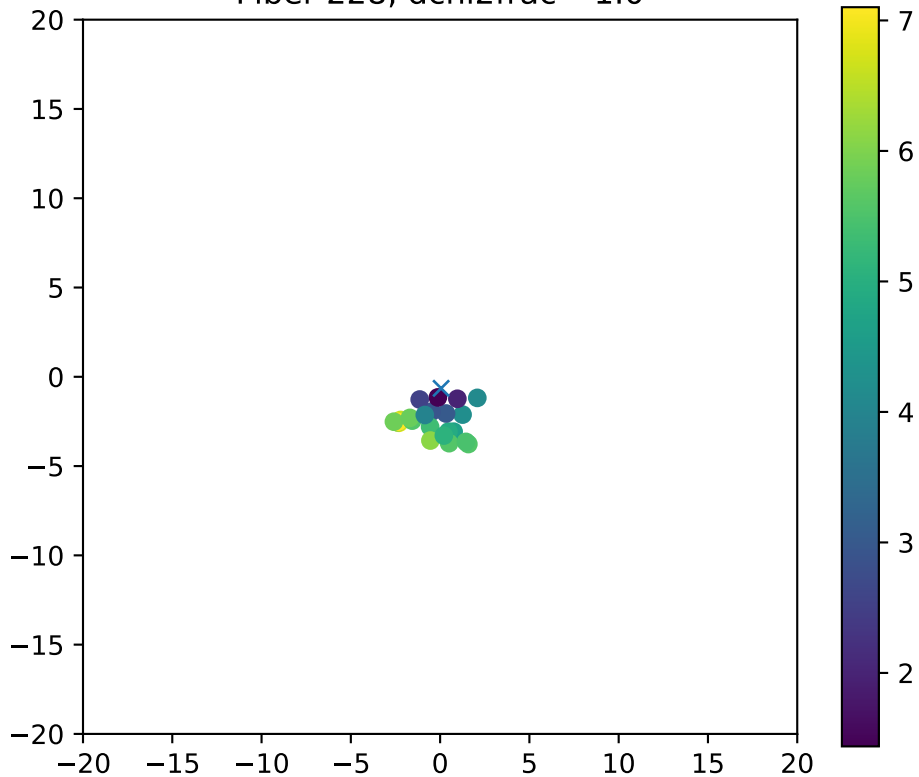
Fiber 207, dchi2frac= 1.0



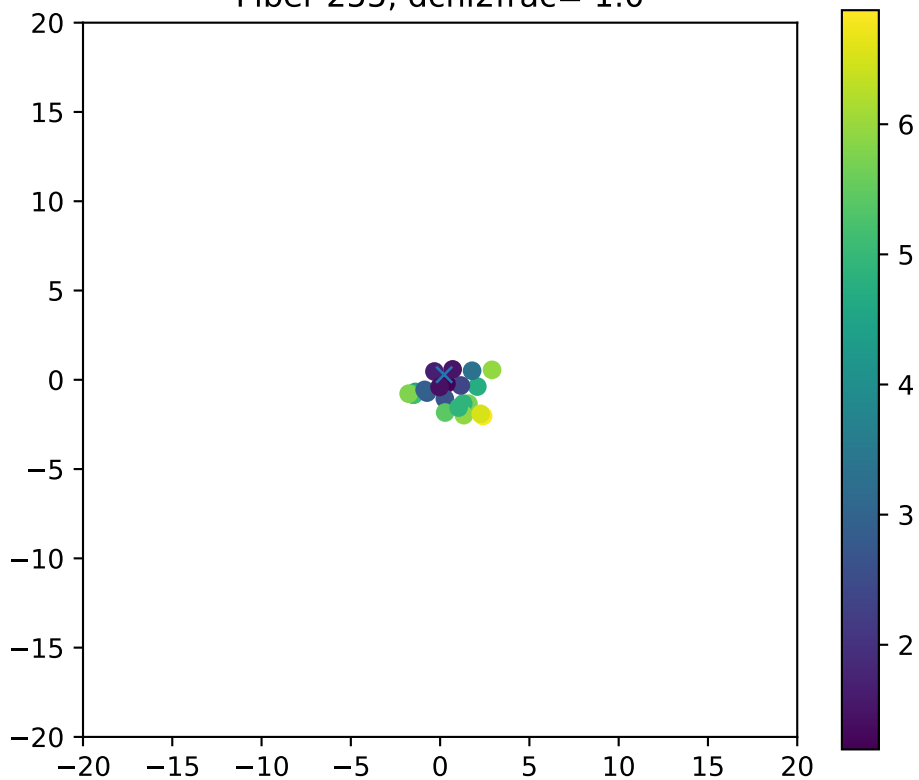
Fiber 215, dchi2frac= 1.0



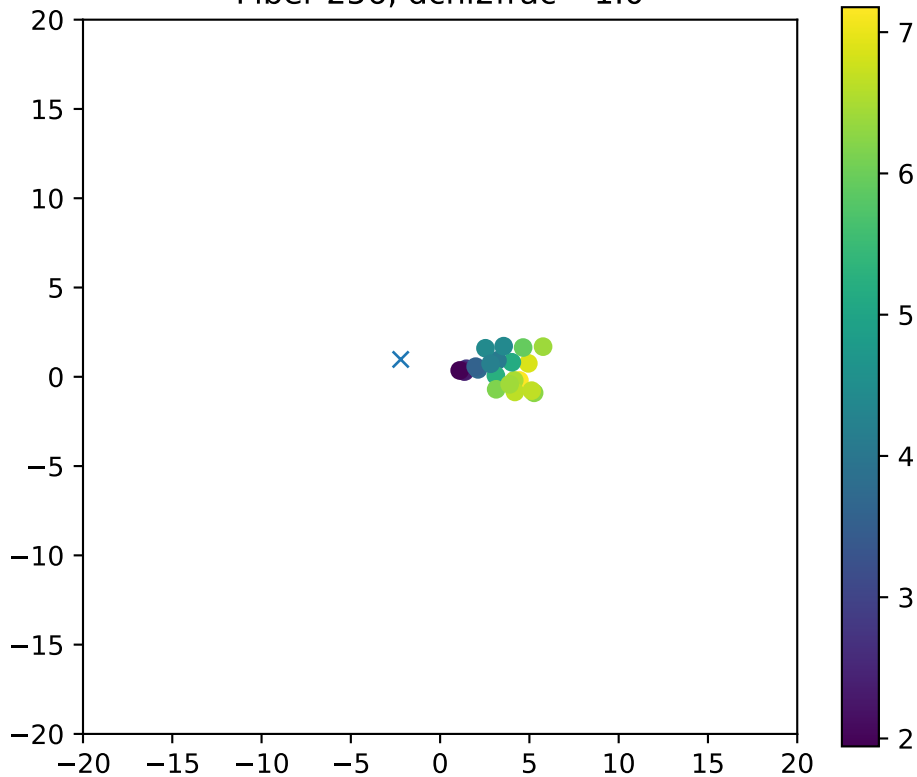
Fiber 228, dchi2frac= 1.0



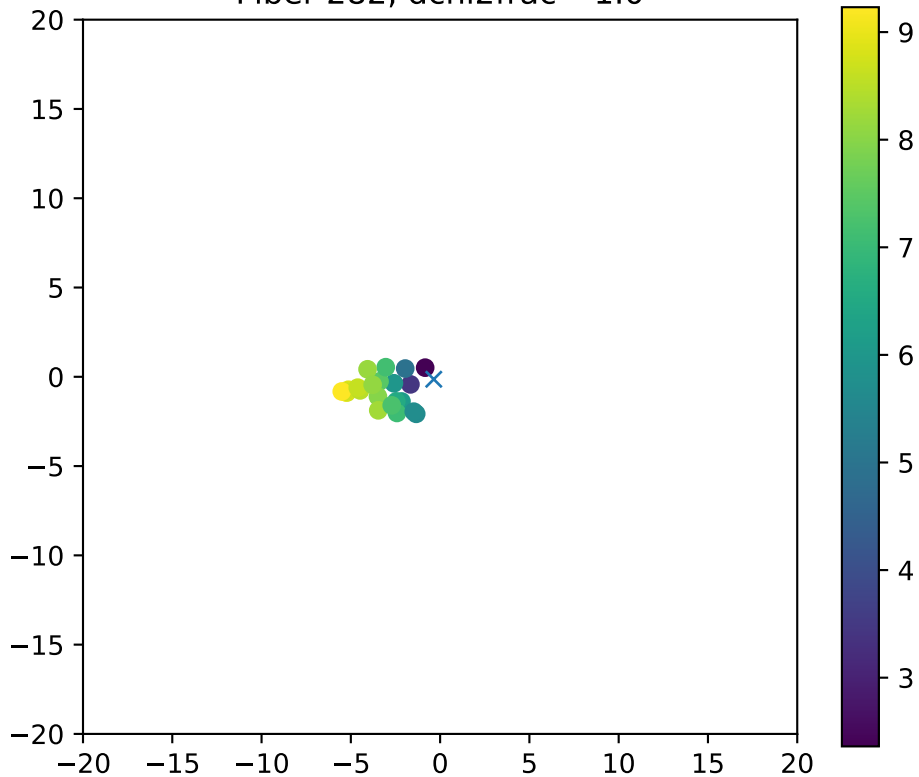
Fiber 255, dchi2frac= 1.0



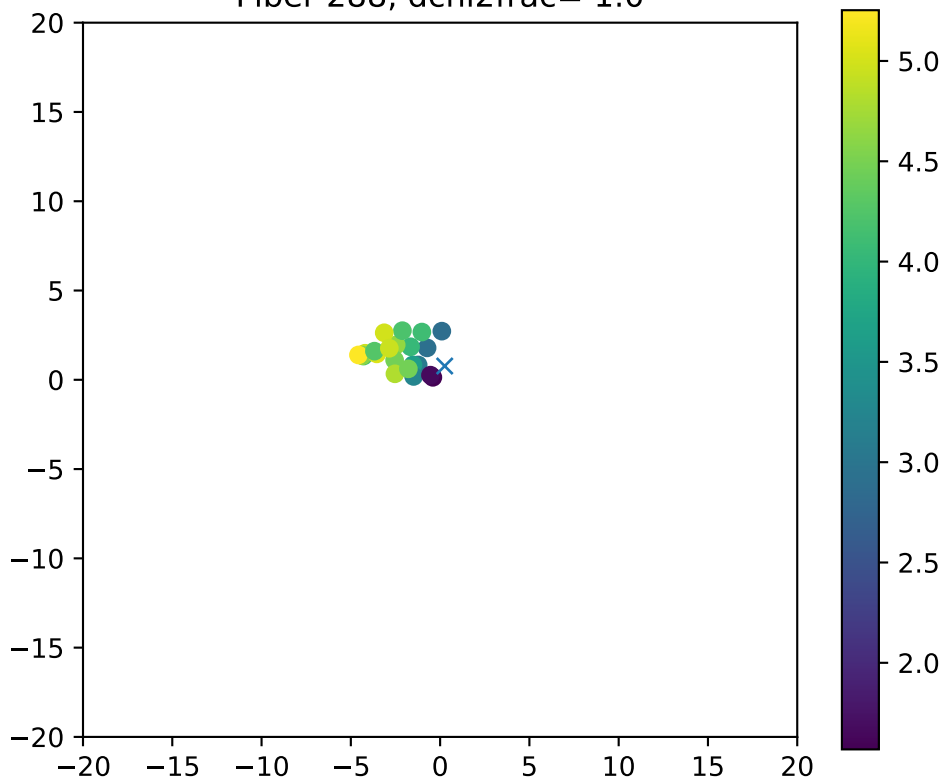
Fiber 256, dchi2frac= 1.0



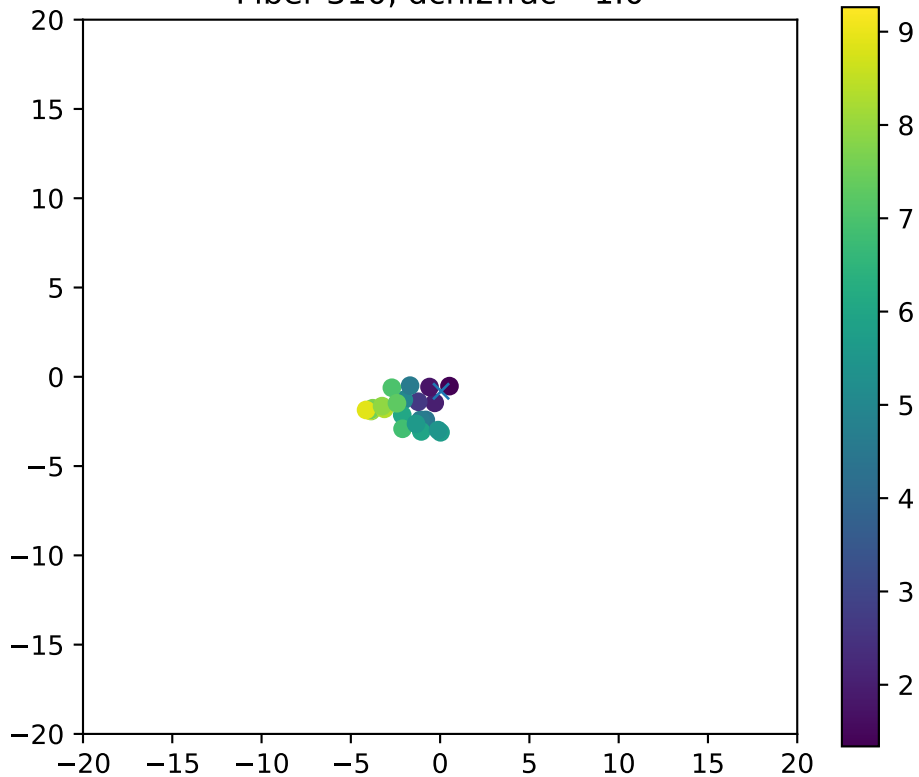
Fiber 282, dchi2frac= 1.0



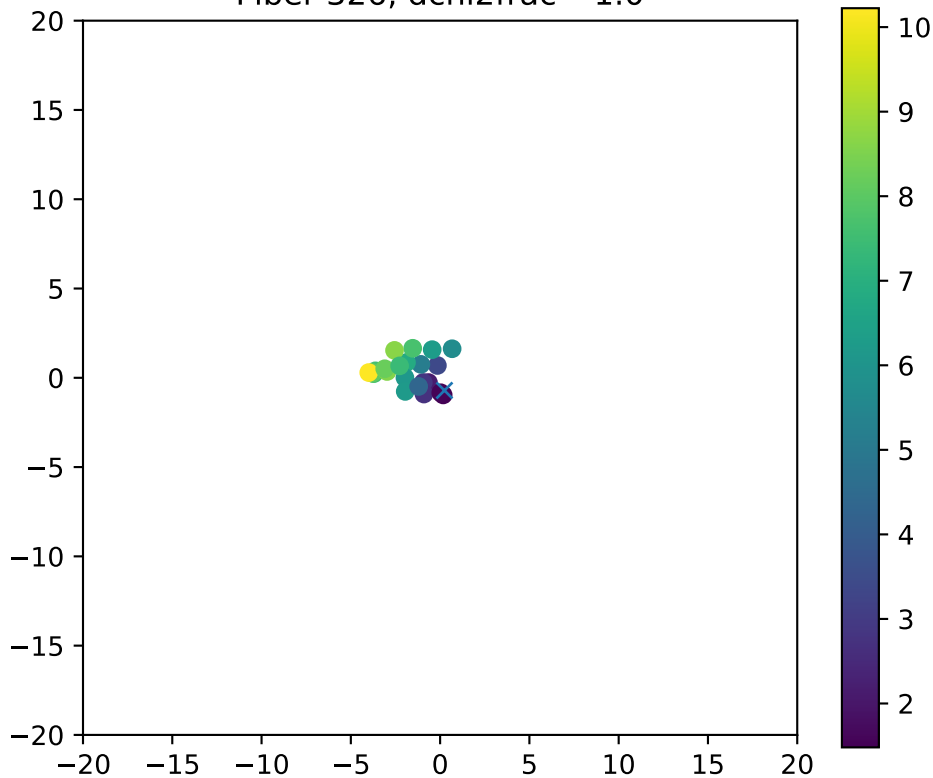
Fiber 288, dchi2frac= 1.0



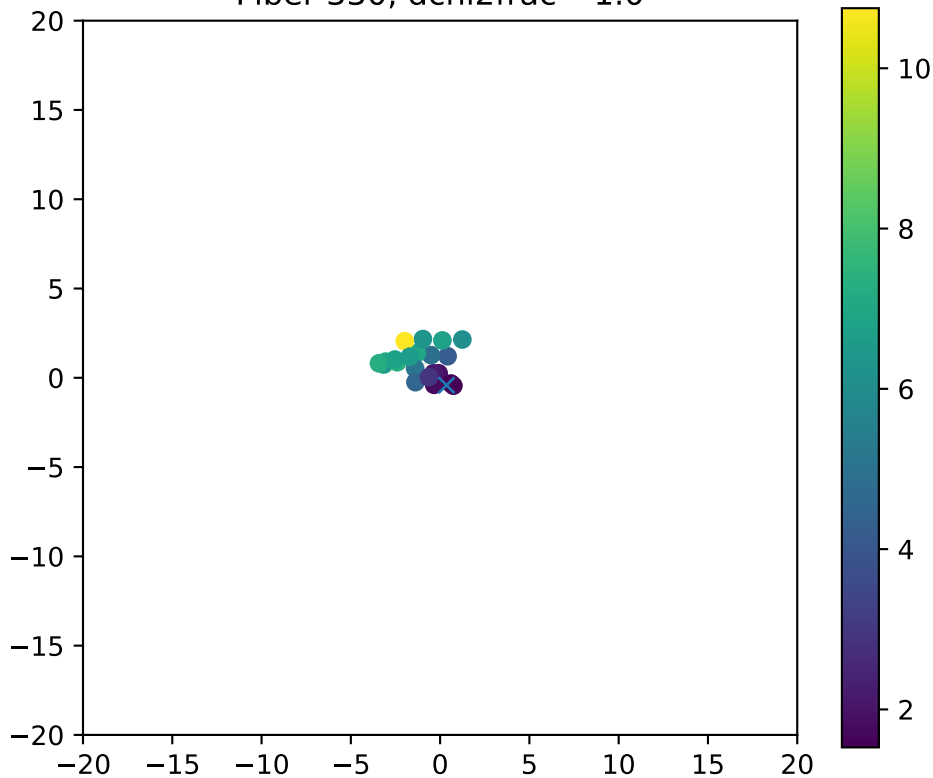
Fiber 310, dchi2frac= 1.0



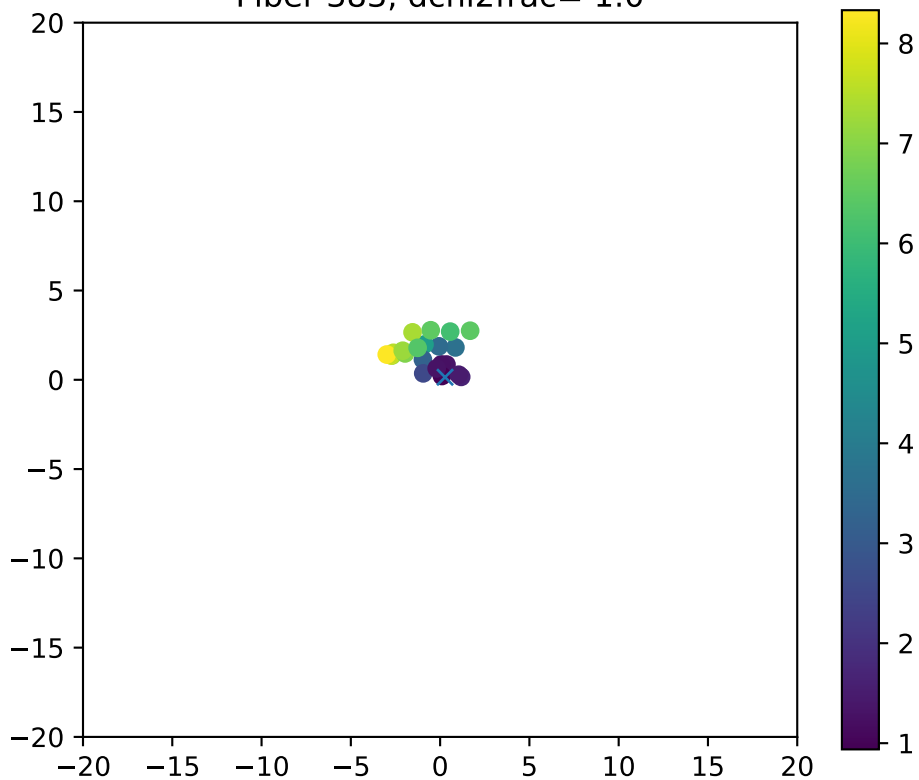
Fiber 326, dchi2frac= 1.0



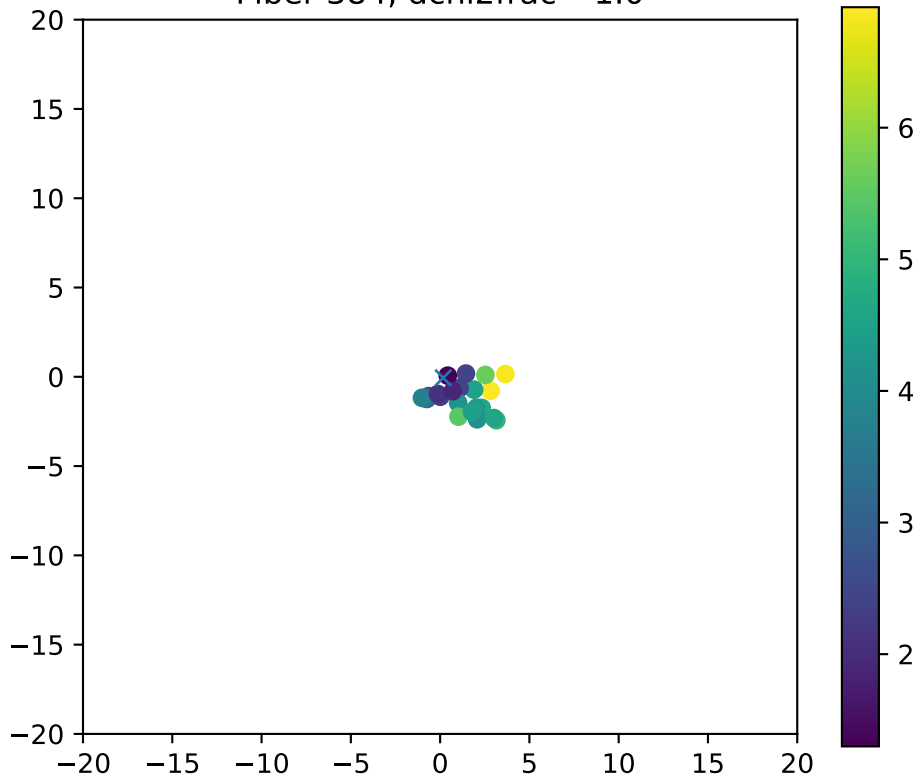
Fiber 330, dchi2frac= 1.0



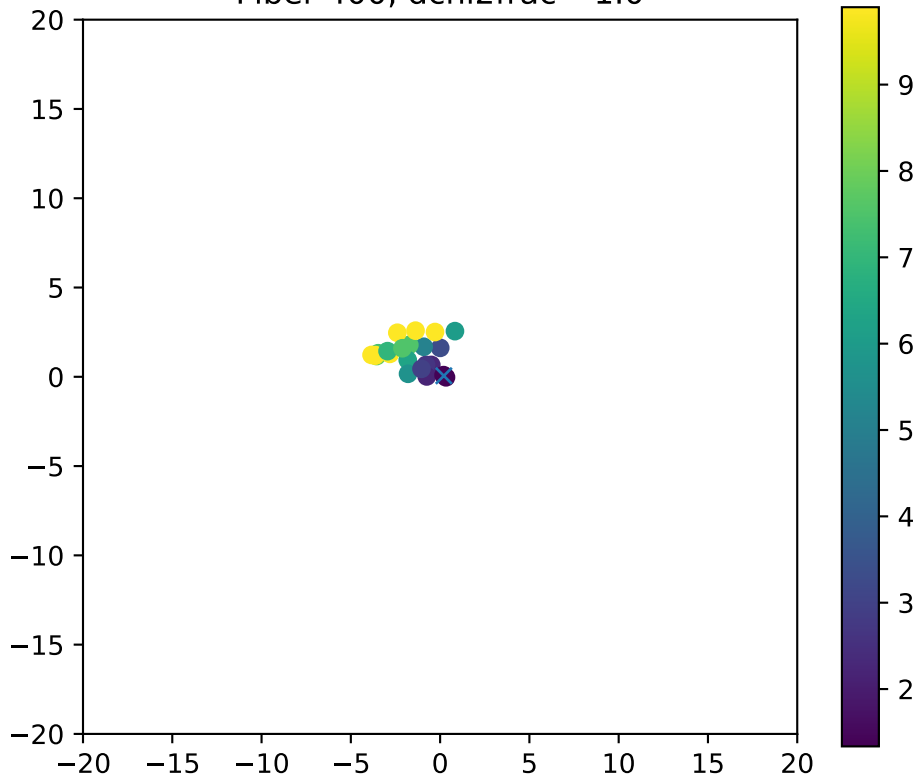
Fiber 383, dchi2frac= 1.0



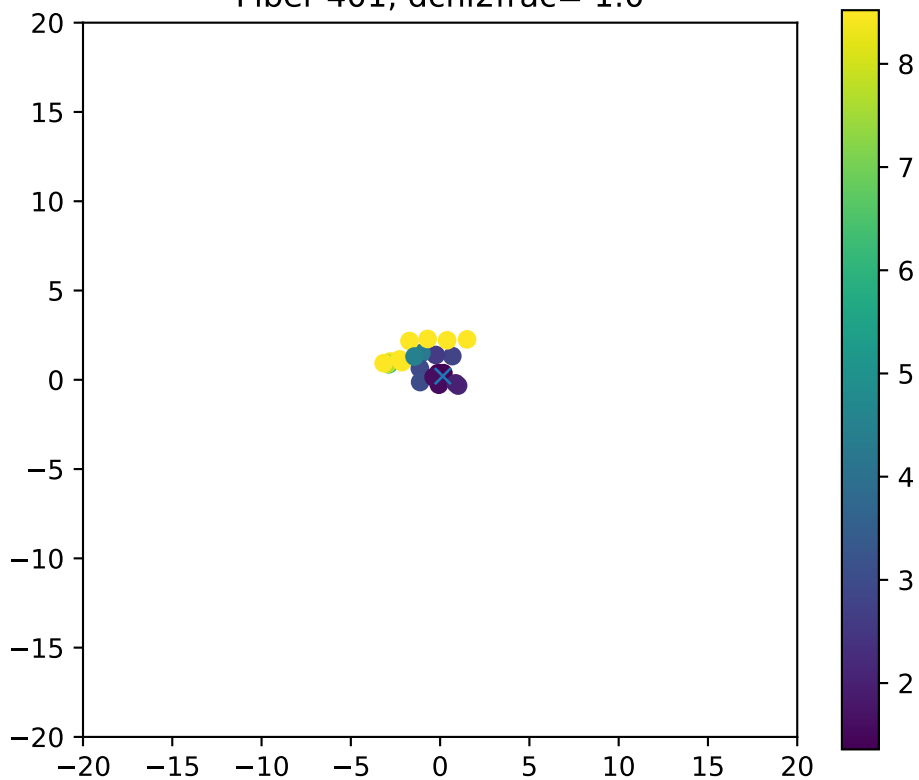
Fiber 384, dchi2frac= 1.0



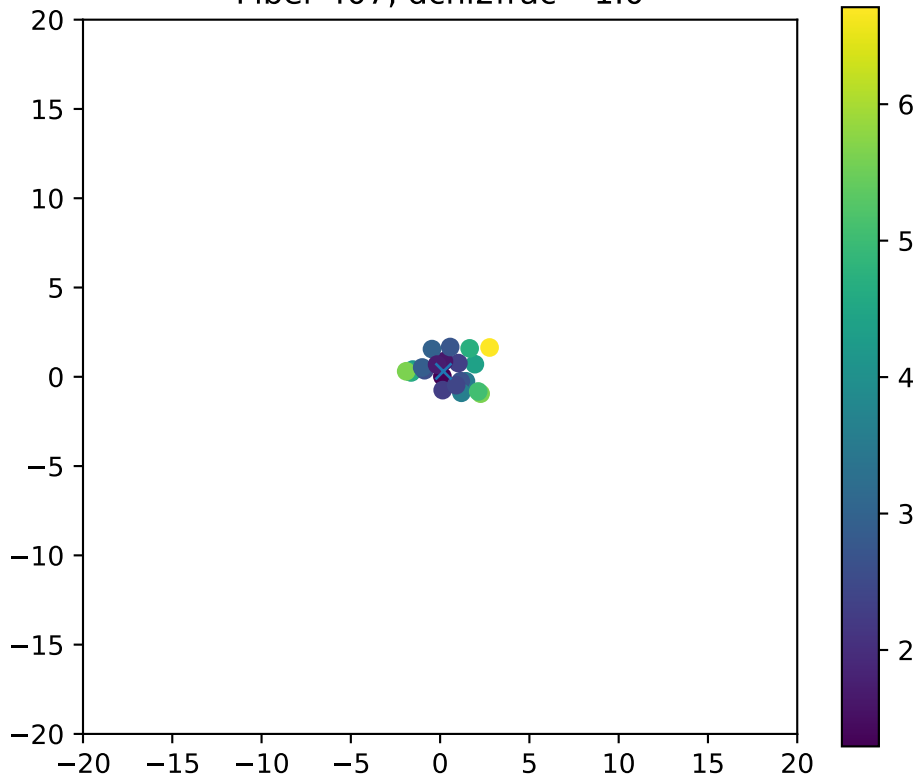
Fiber 400, dchi2frac= 1.0



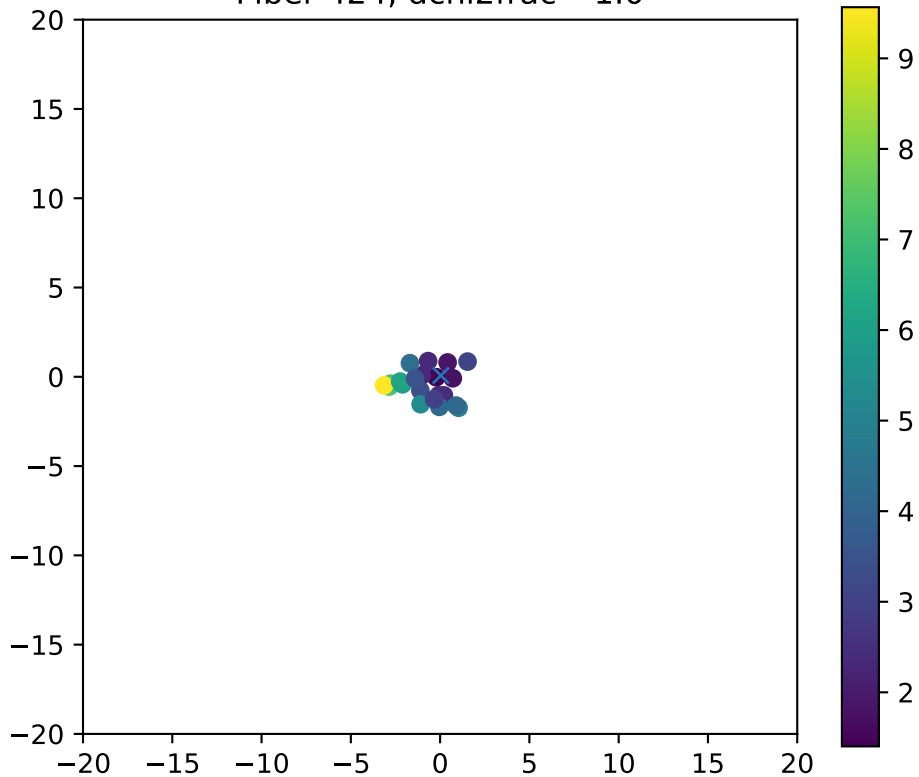
Fiber 401, dchi2frac= 1.0



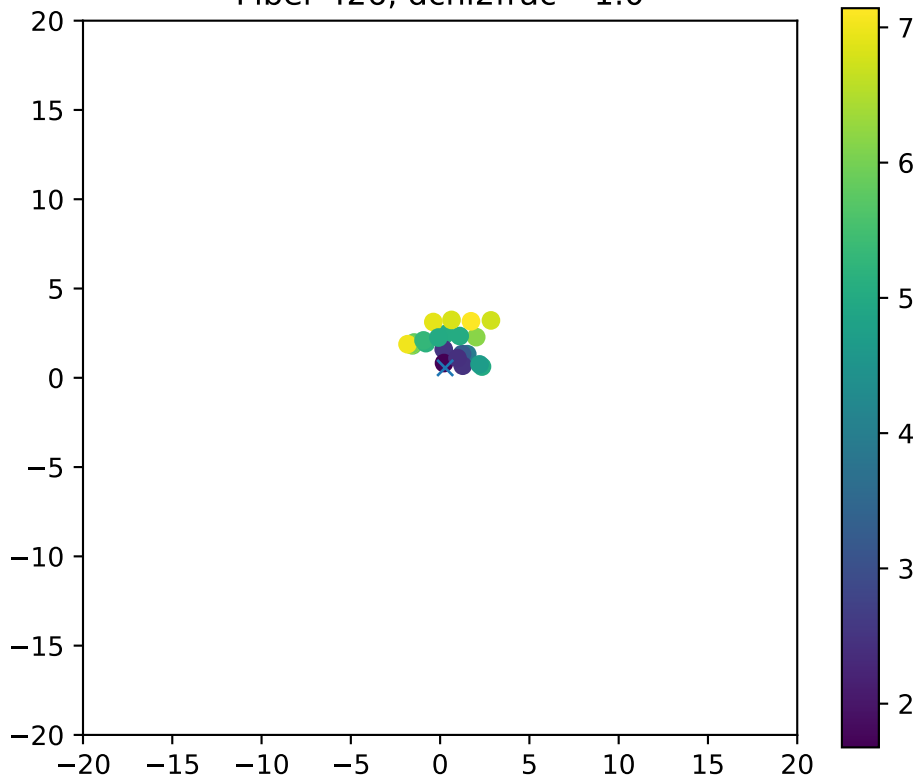
Fiber 407, dchi2frac= 1.0



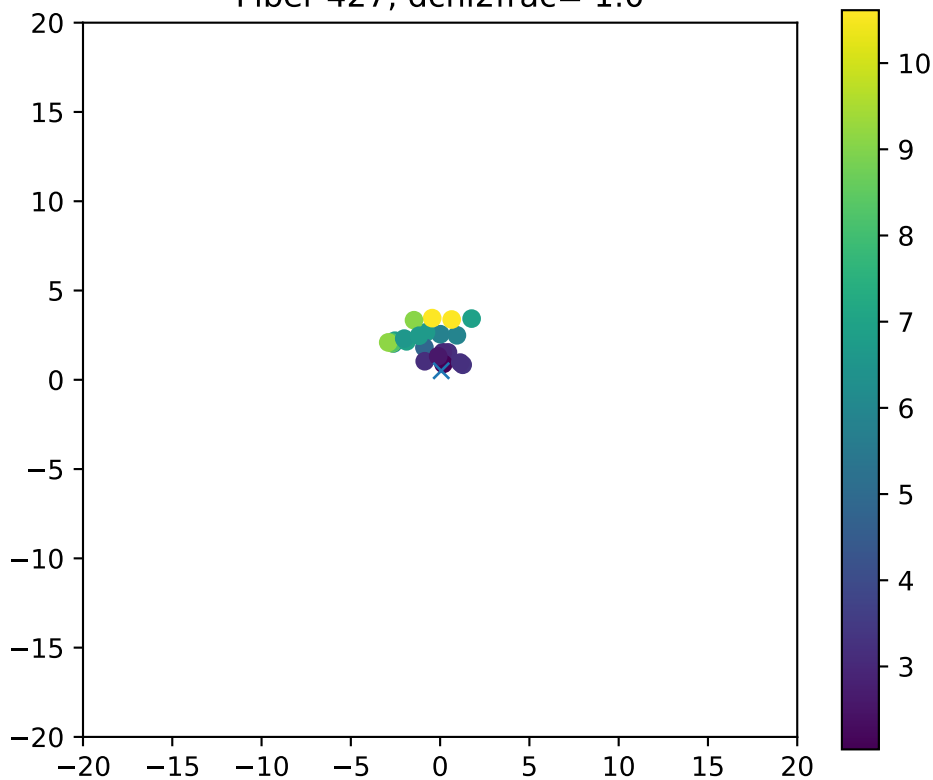
Fiber 424, dchi2frac= 1.0



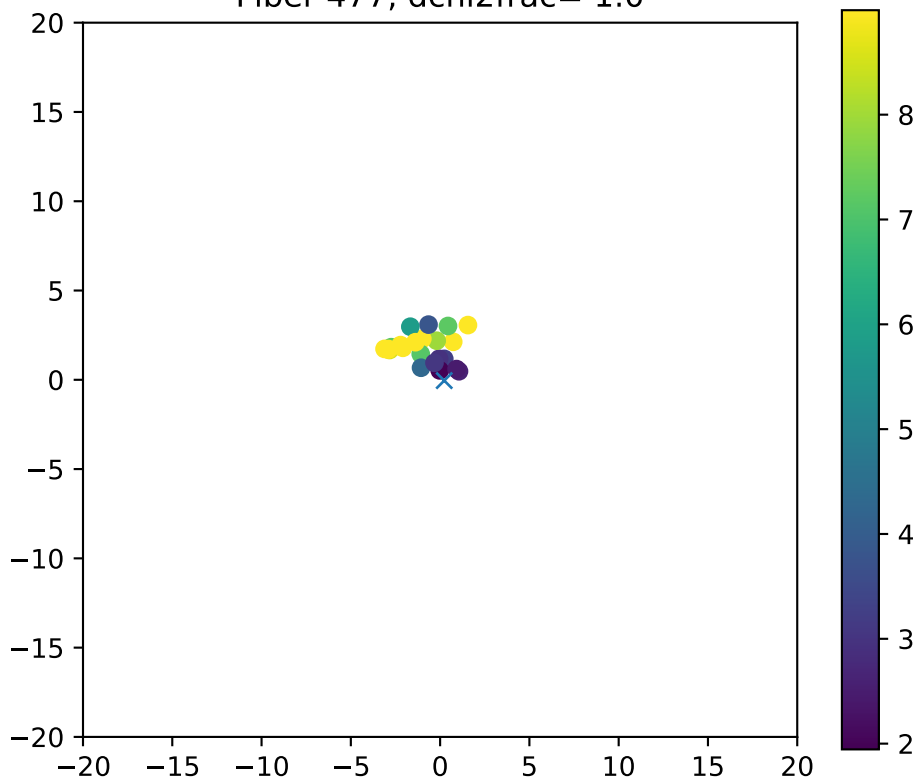
Fiber 426, dchi2frac= 1.0



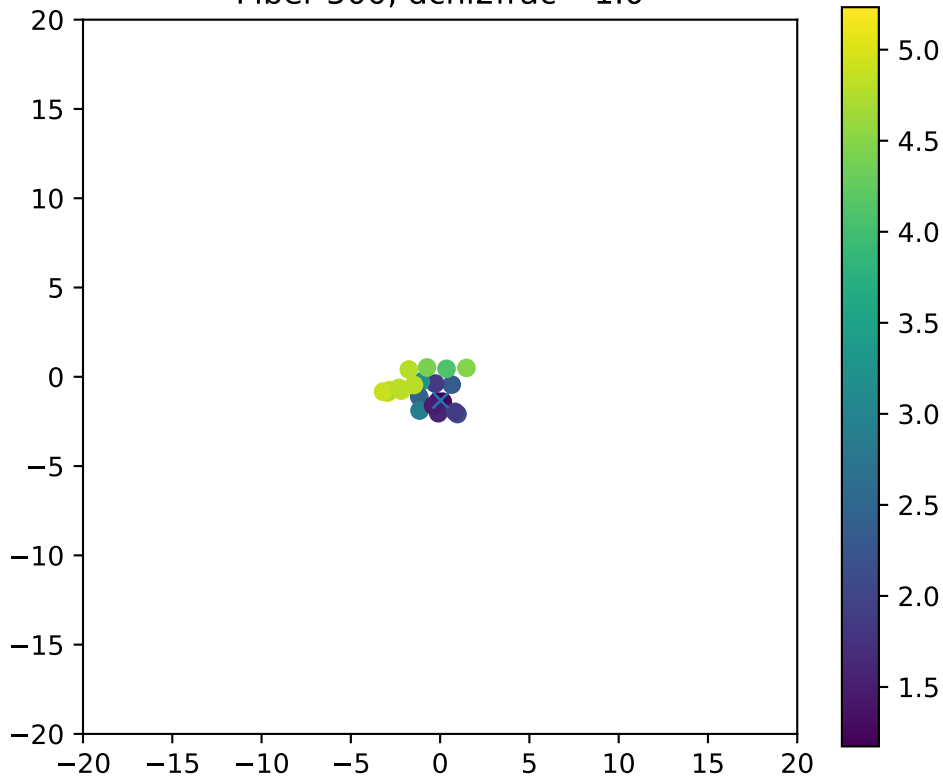
Fiber 427, dchi2frac= 1.0



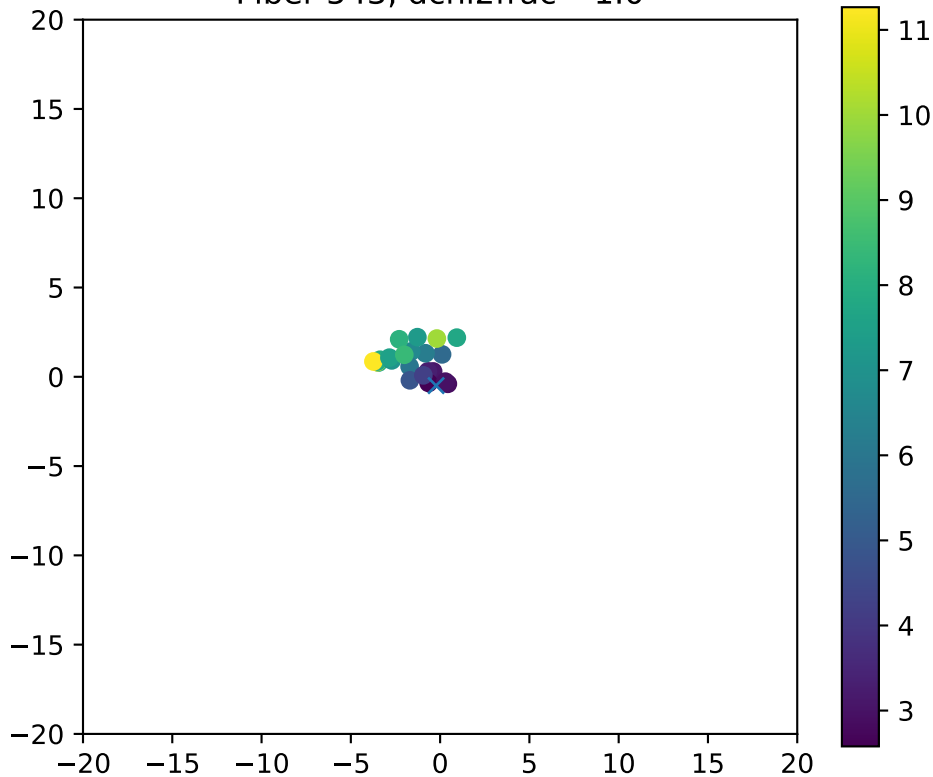
Fiber 477, dchi2frac= 1.0



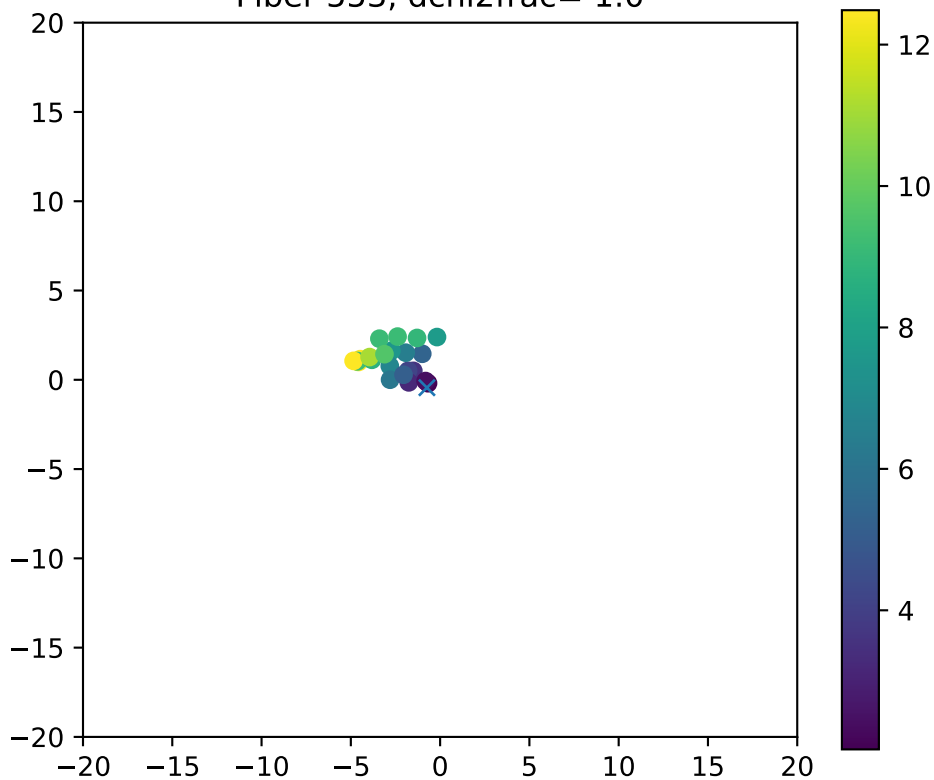
Fiber 500, dchi2frac= 1.0



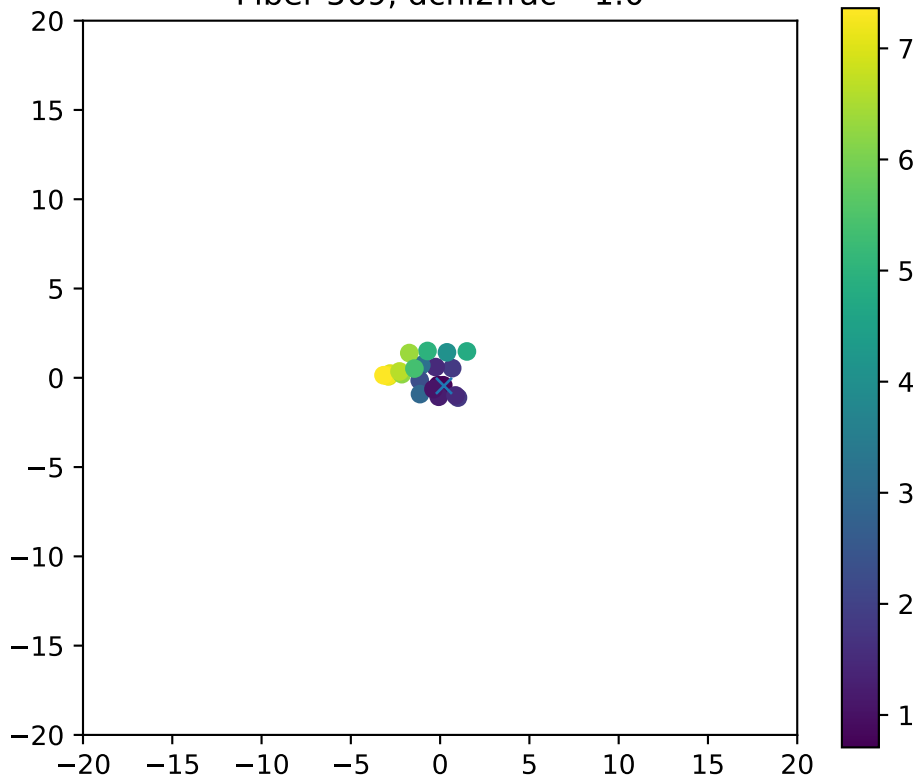
Fiber 543, dchi2frac= 1.0



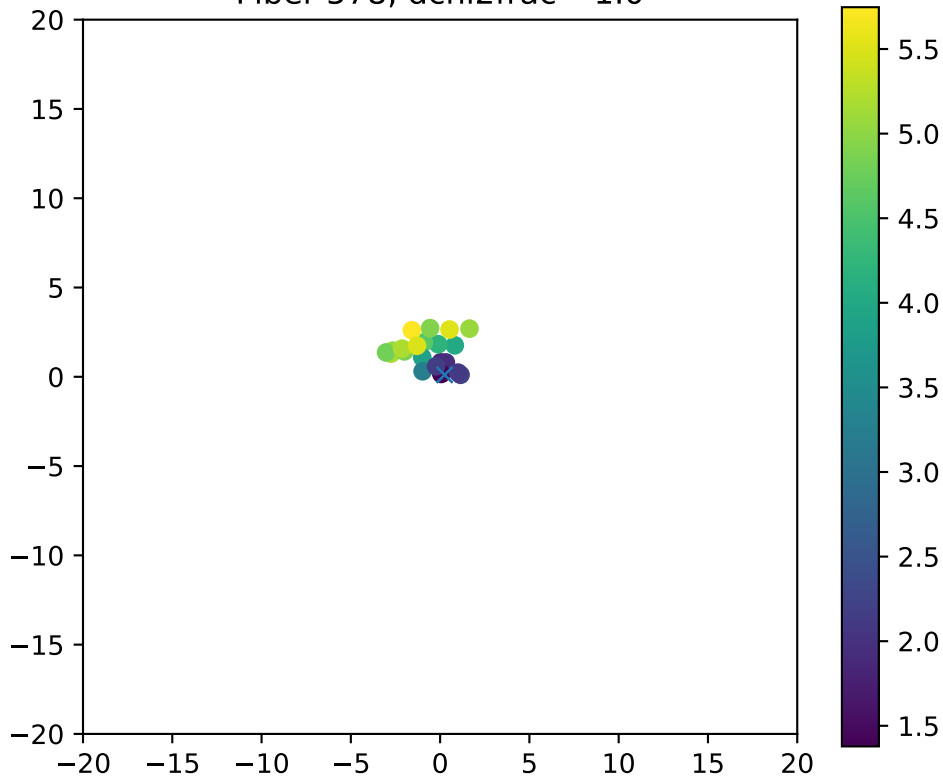
Fiber 553, dchi2frac= 1.0



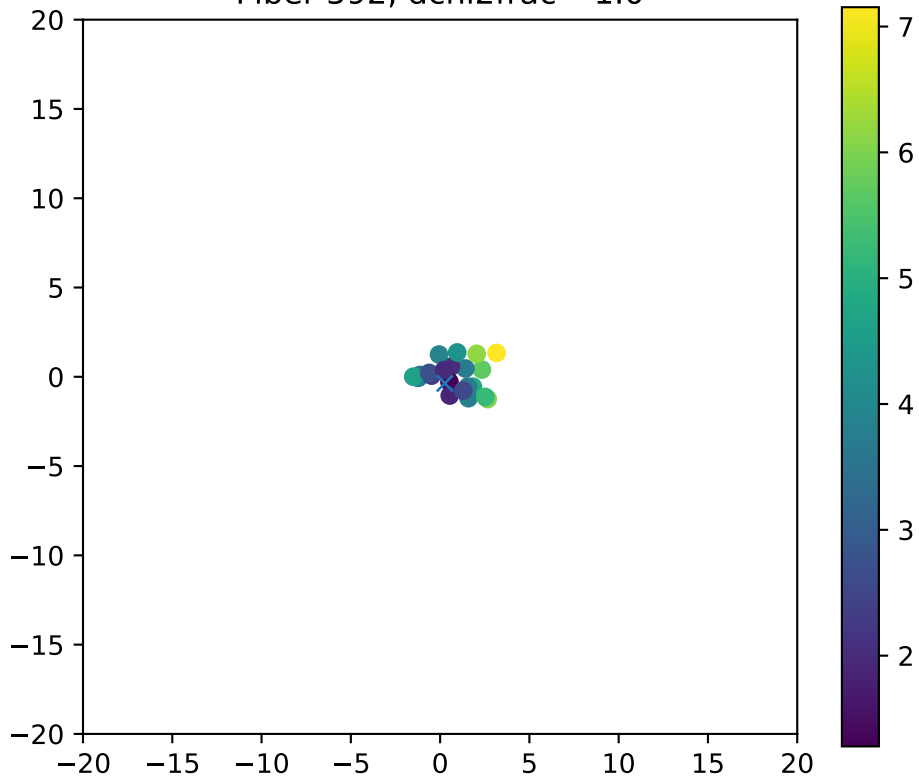
Fiber 569, dchi2frac= 1.0



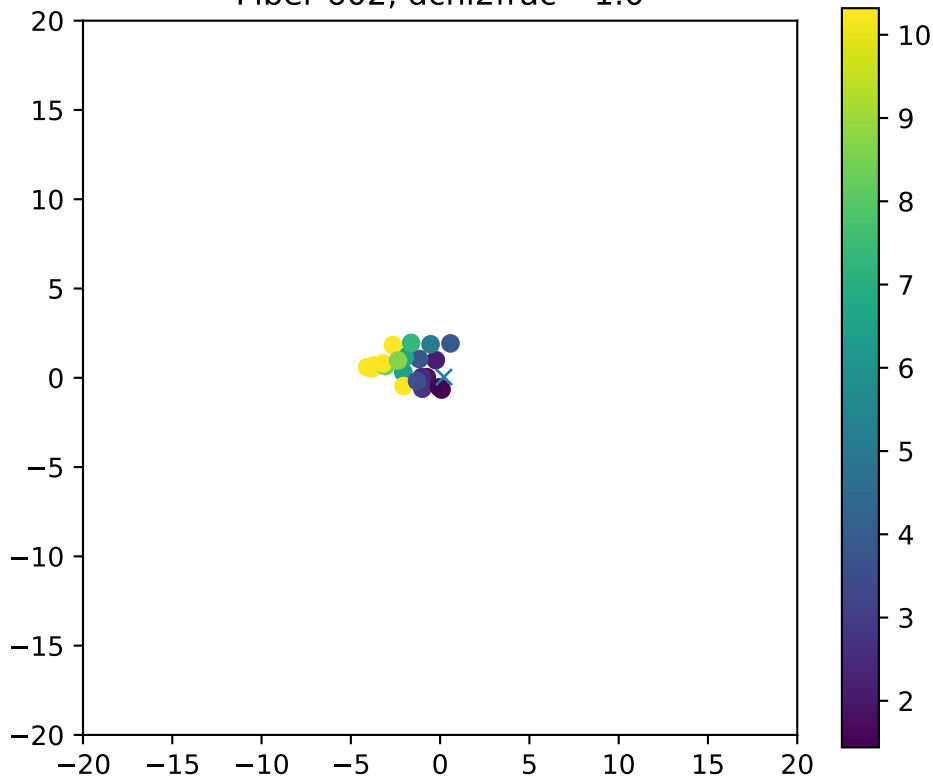
Fiber 578, dchi2frac= 1.0



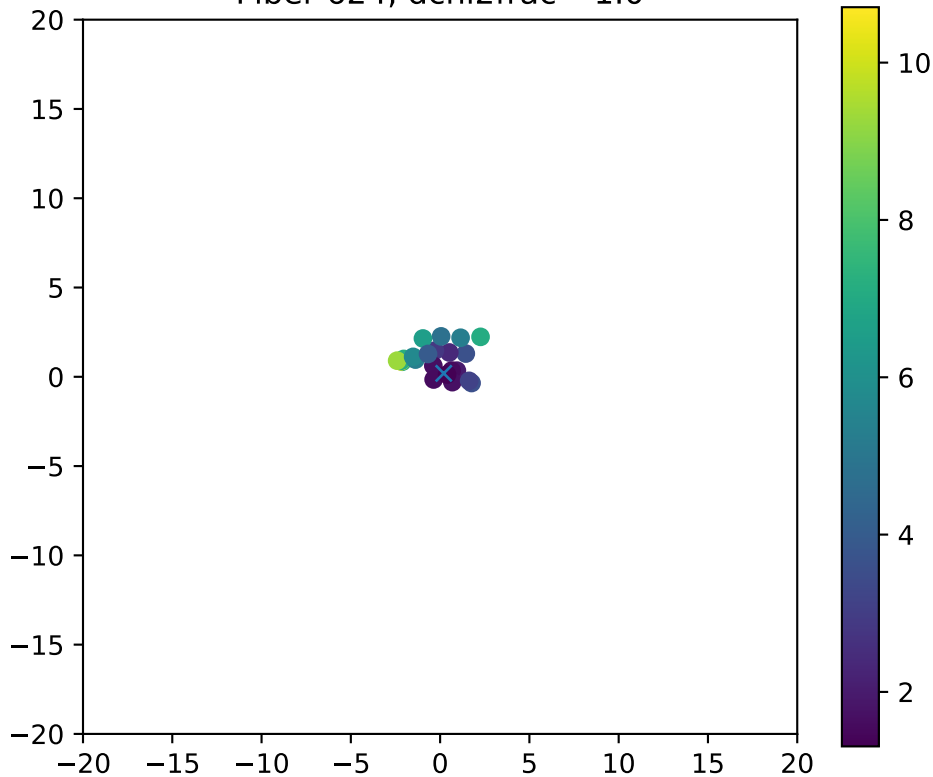
Fiber 592, dchi2frac= 1.0



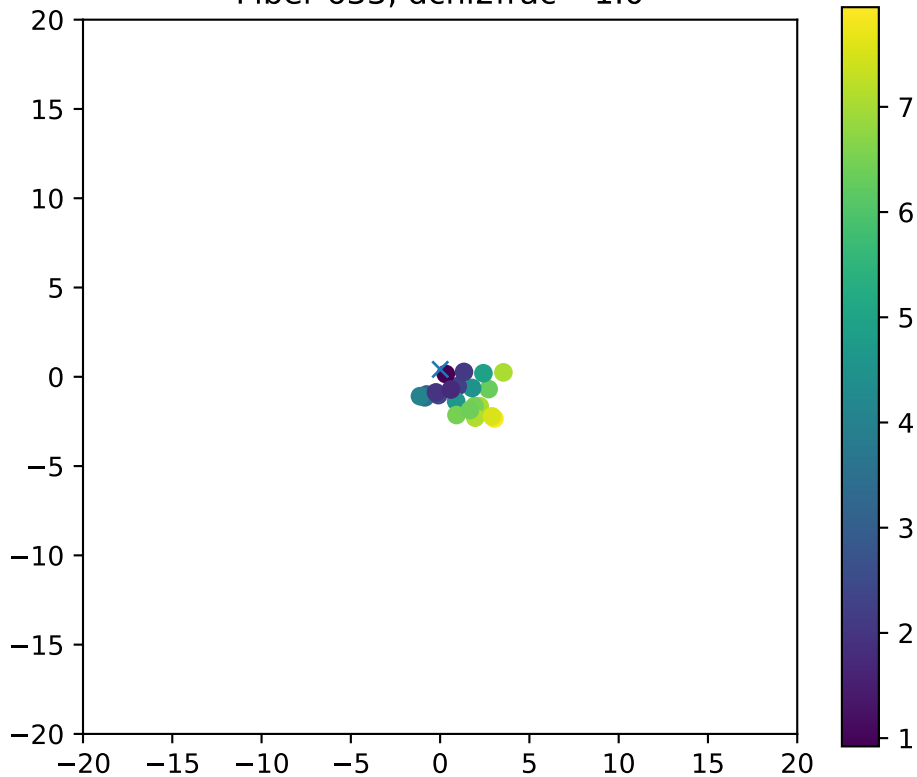
Fiber 602, dchi2frac= 1.0



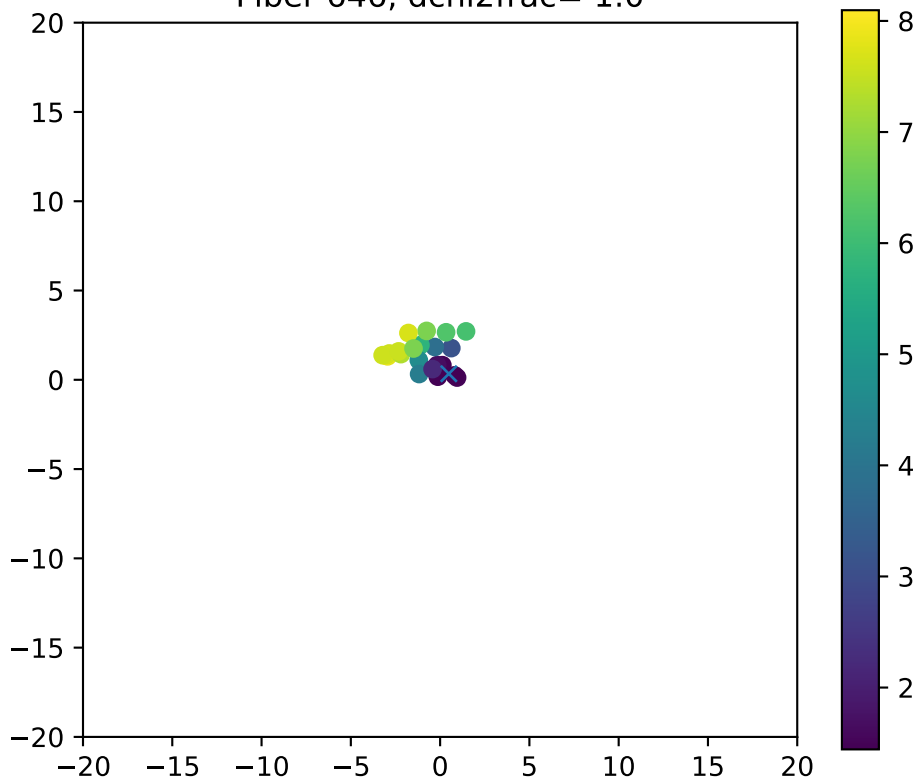
Fiber 624, dchi2frac= 1.0



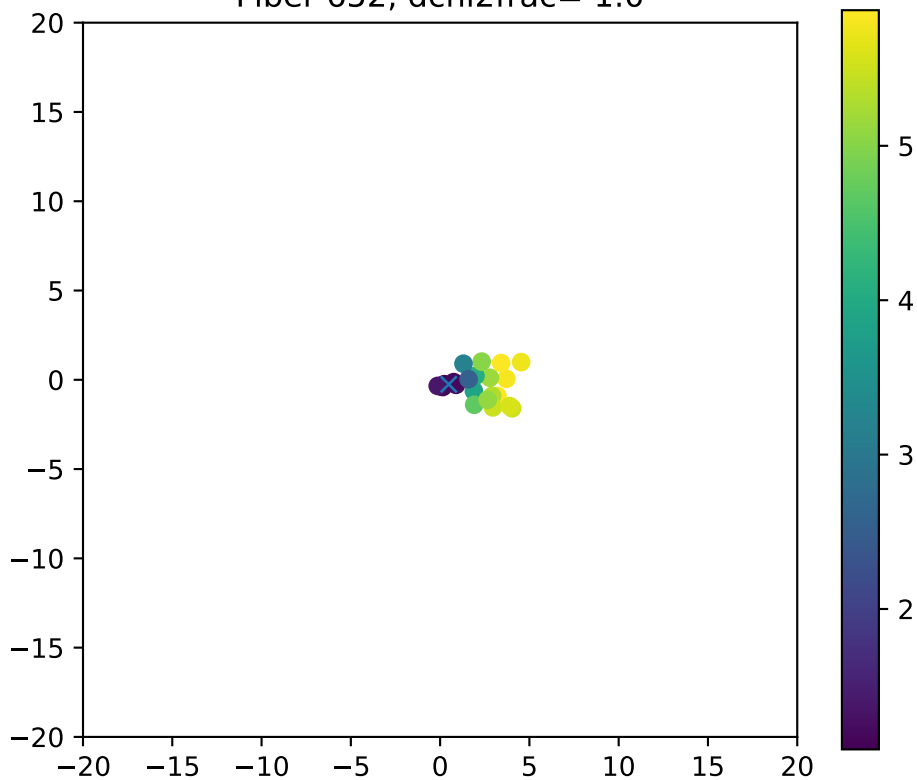
Fiber 633, dchi2frac= 1.0



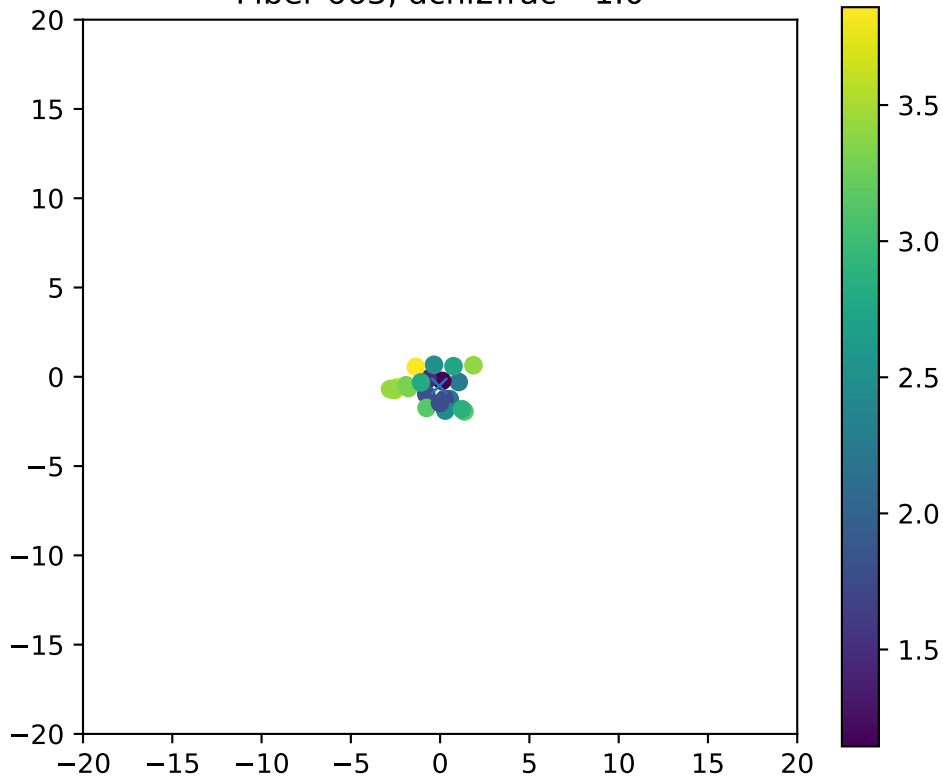
Fiber 646, dchi2frac= 1.0



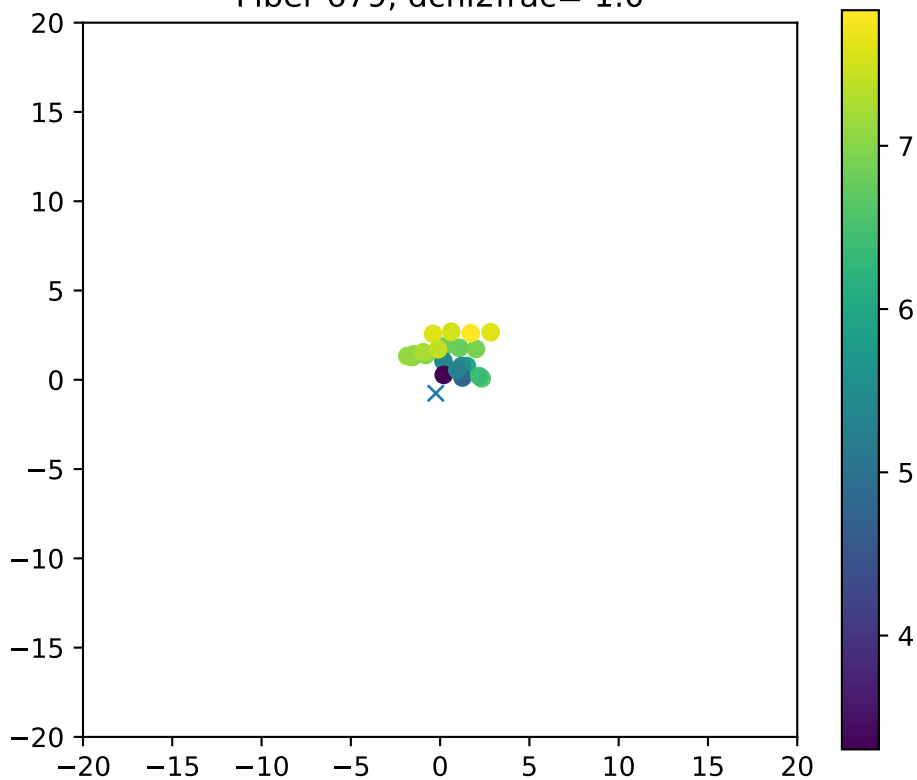
Fiber 652, dchi2frac= 1.0



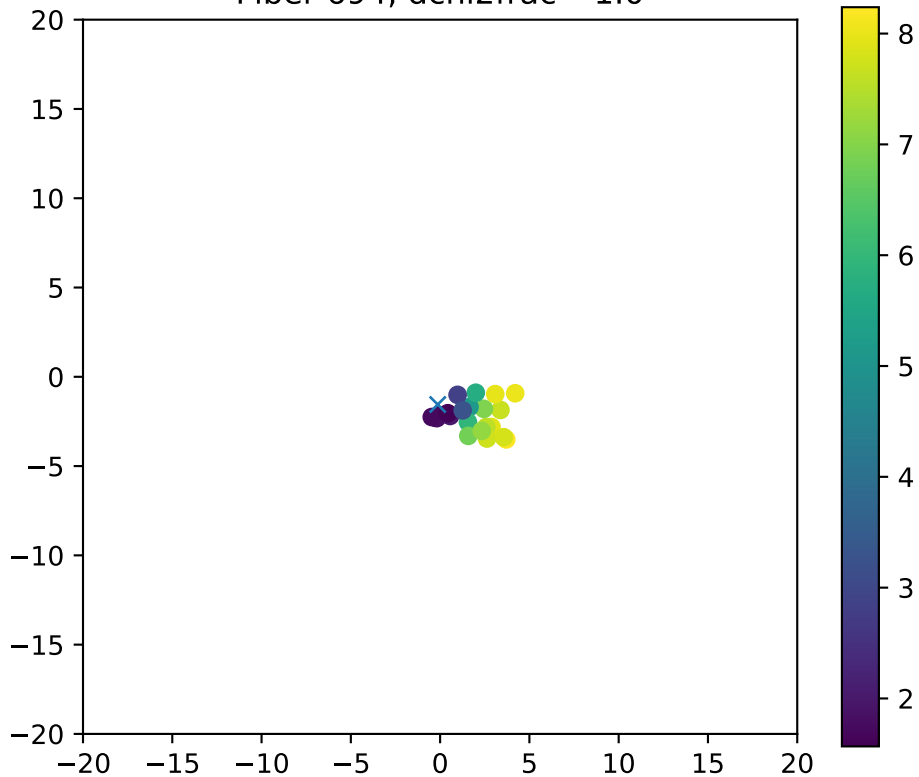
Fiber 663, dchi2frac= 1.0



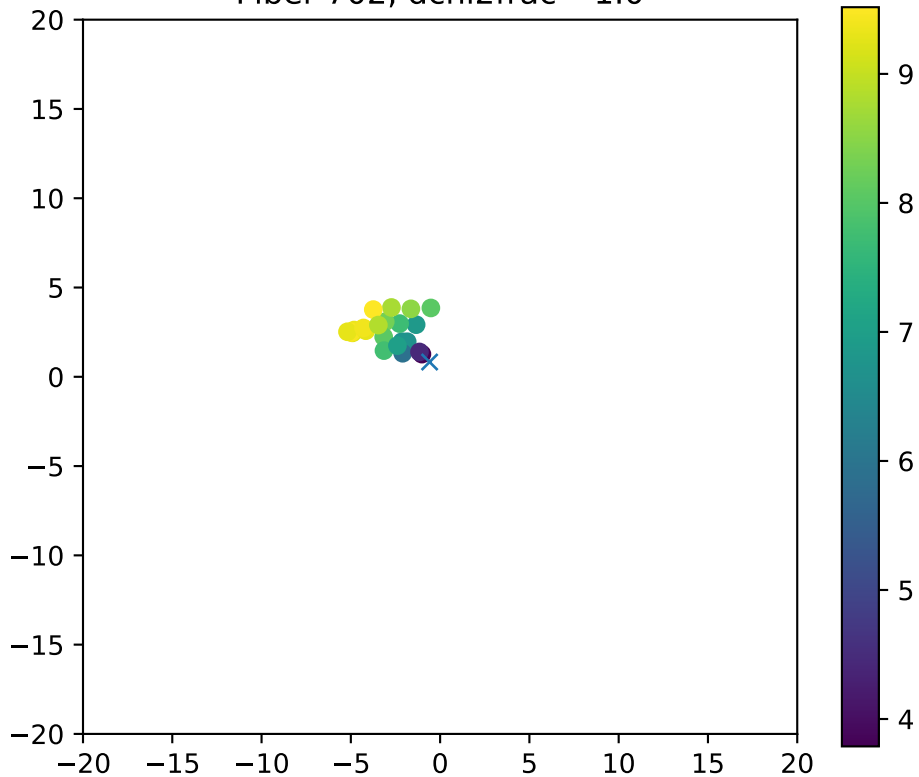
Fiber 679, dchi2frac= 1.0



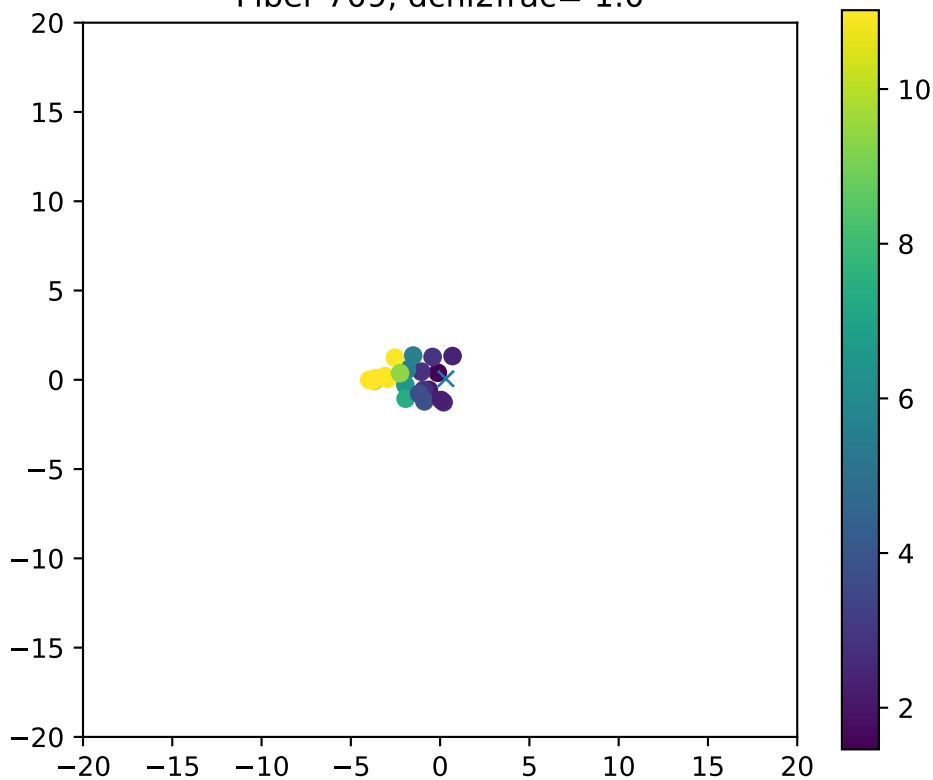
Fiber 694, dchi2frac= 1.0



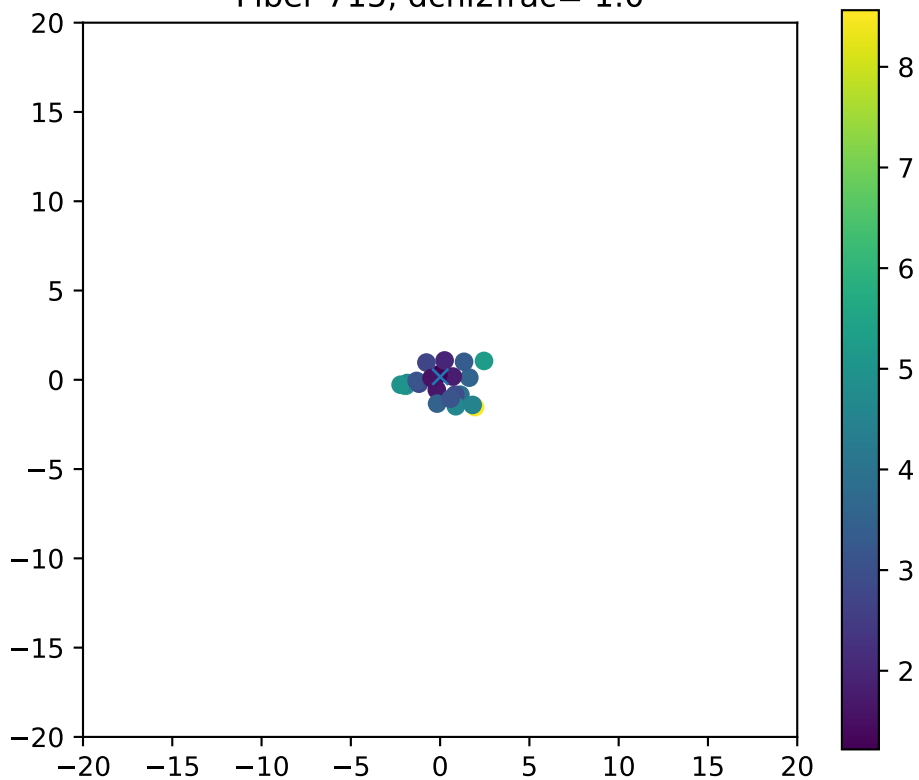
Fiber 702, dchi2frac= 1.0



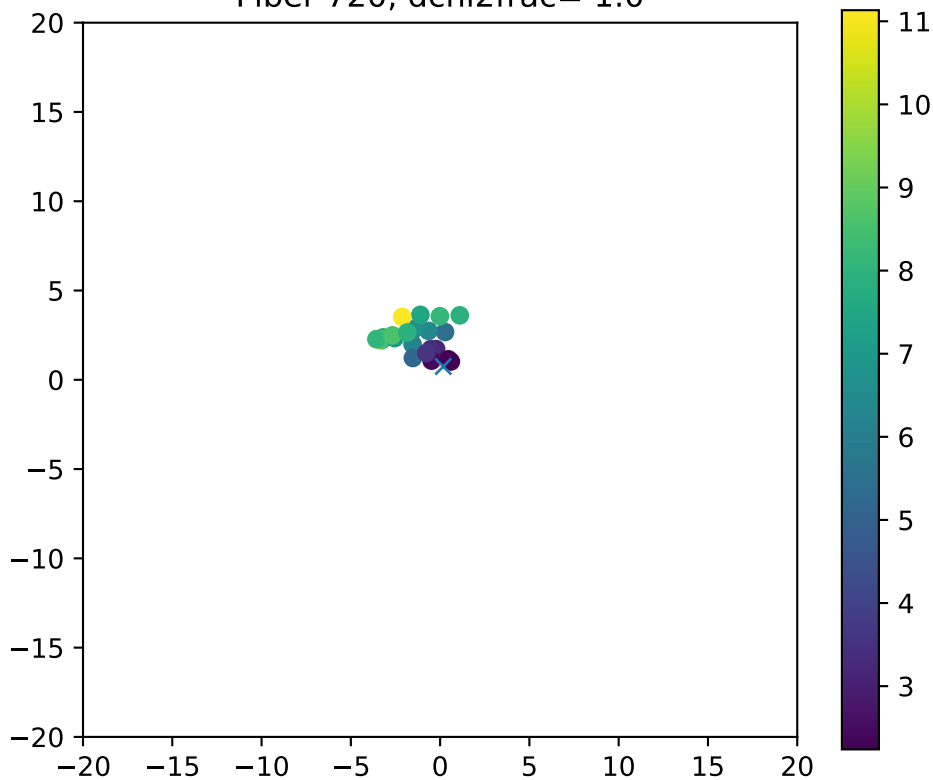
Fiber 709, dchi2frac= 1.0



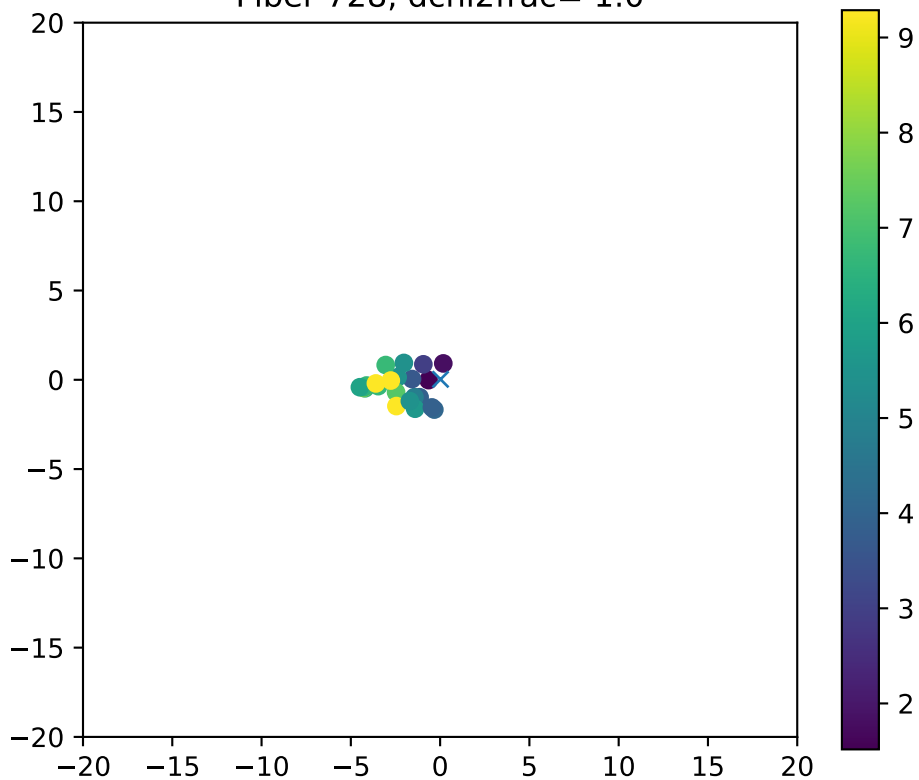
Fiber 715, dchi2frac= 1.0



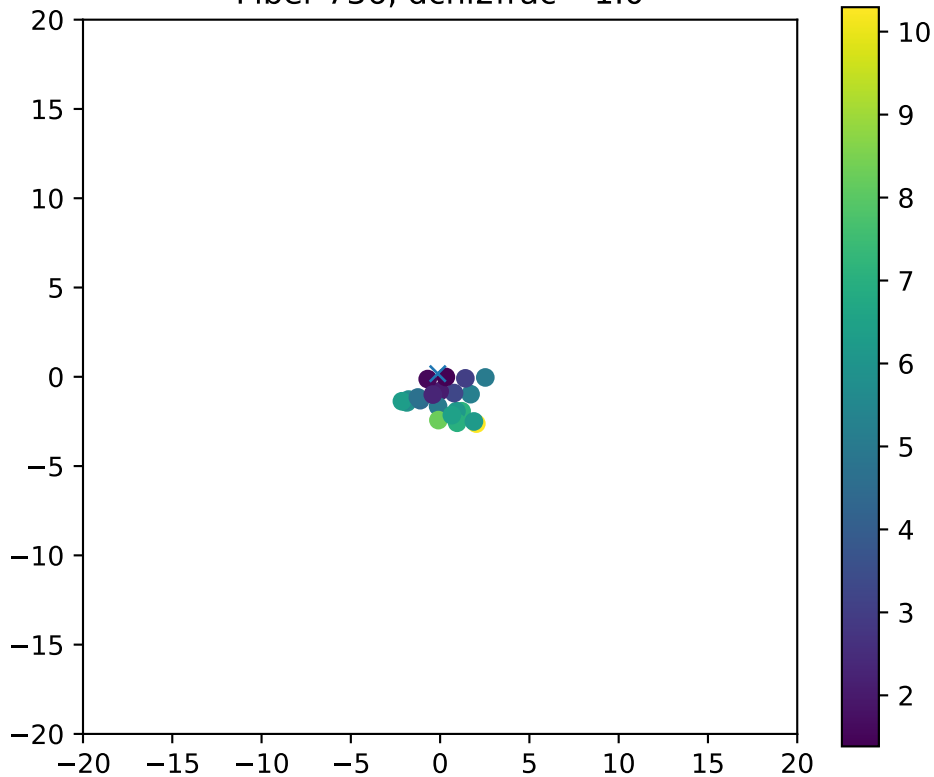
Fiber 720, dchi2frac= 1.0



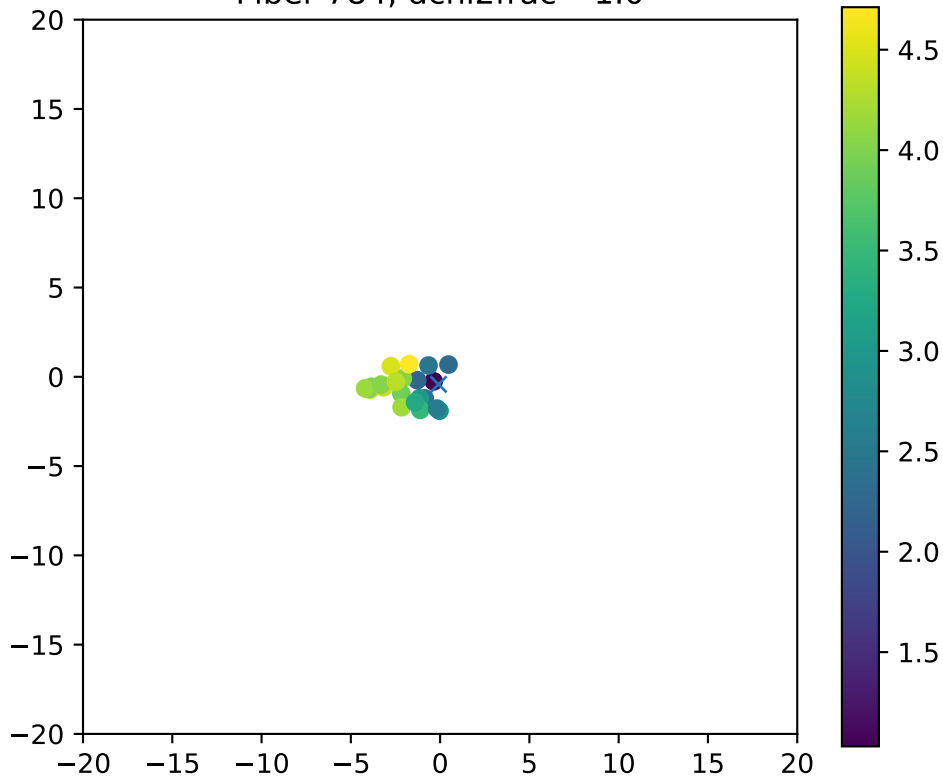
Fiber 728, dchi2frac= 1.0



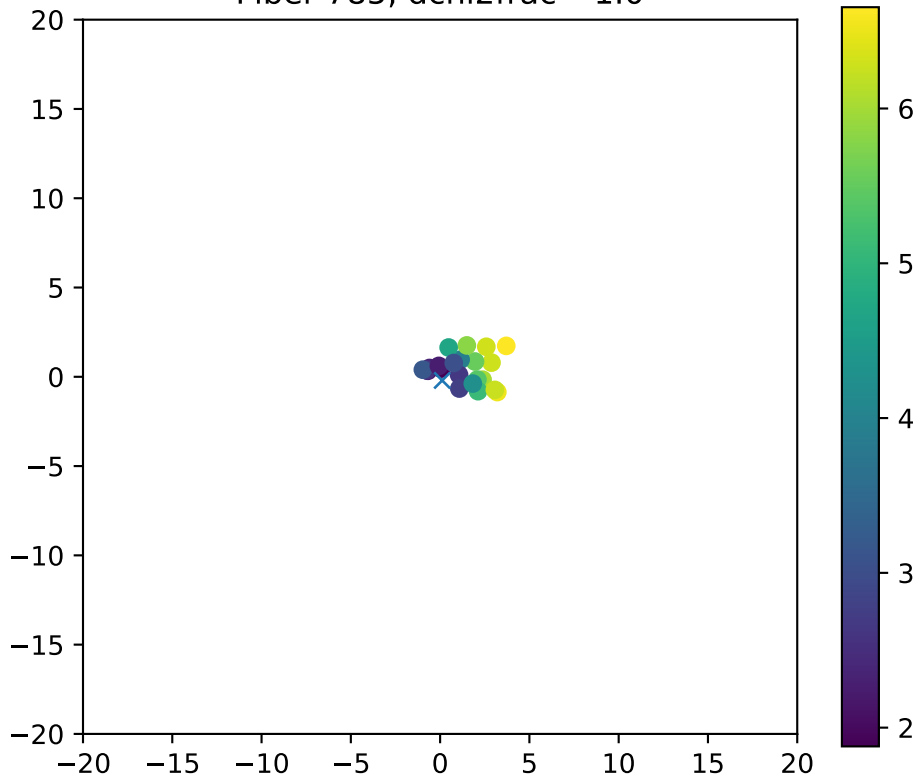
Fiber 736, dchi2frac= 1.0



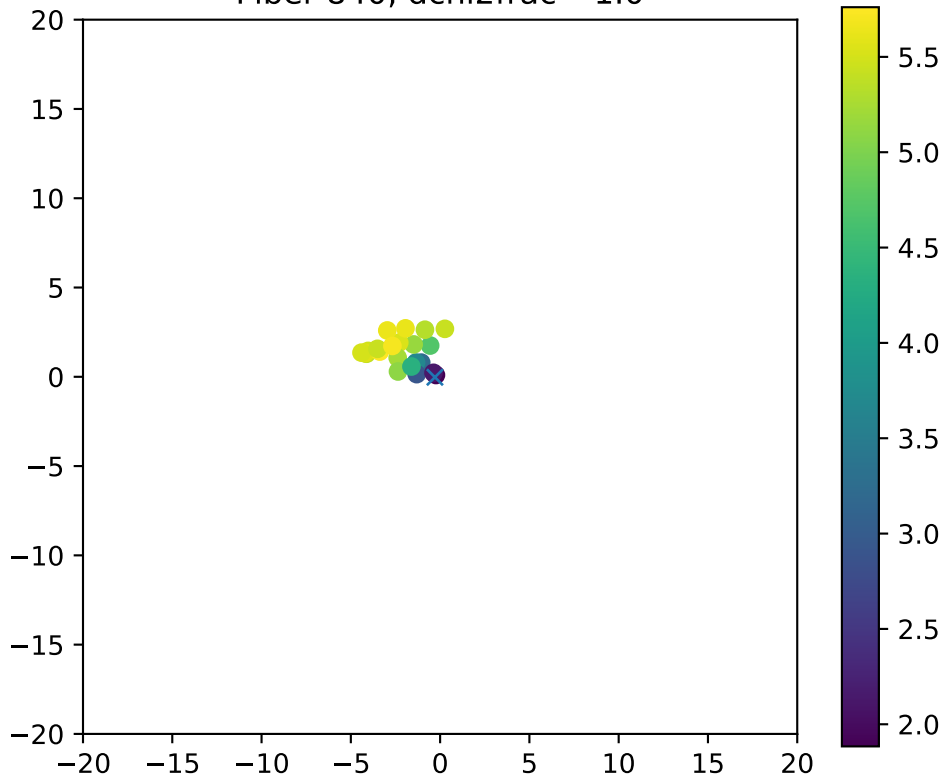
Fiber 784, dchi2frac= 1.0



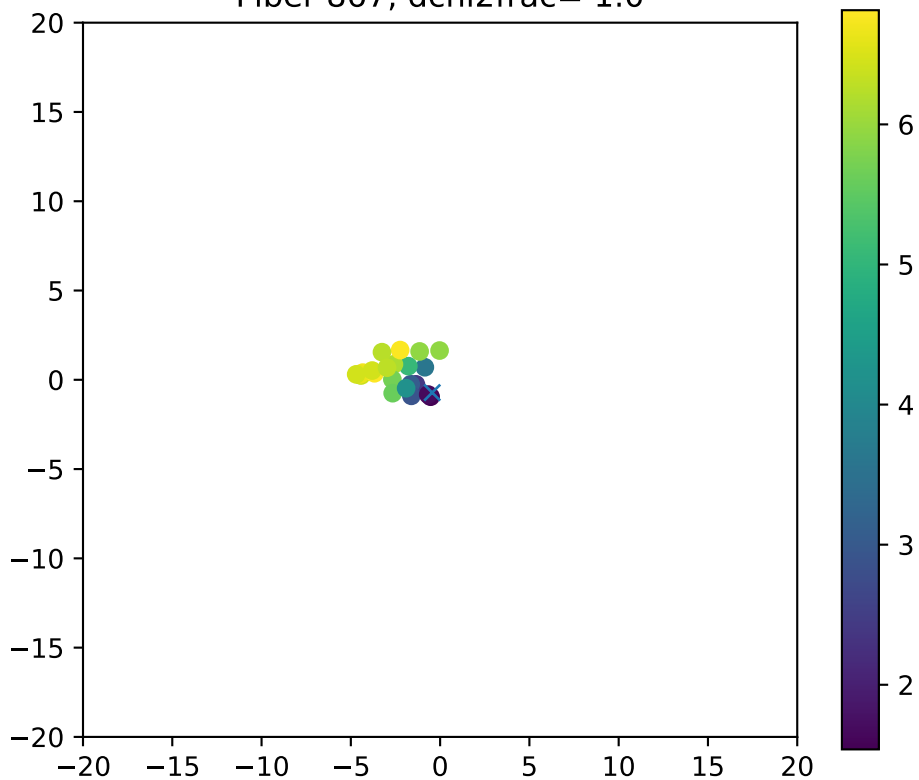
Fiber 785, dchi2frac= 1.0



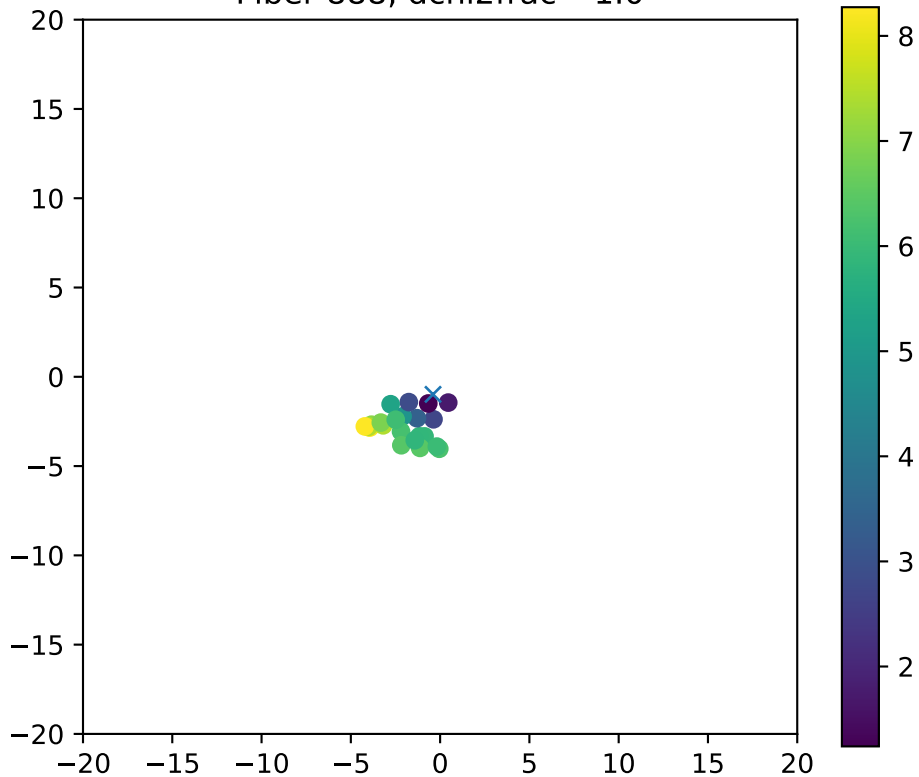
Fiber 840, dchi2frac= 1.0



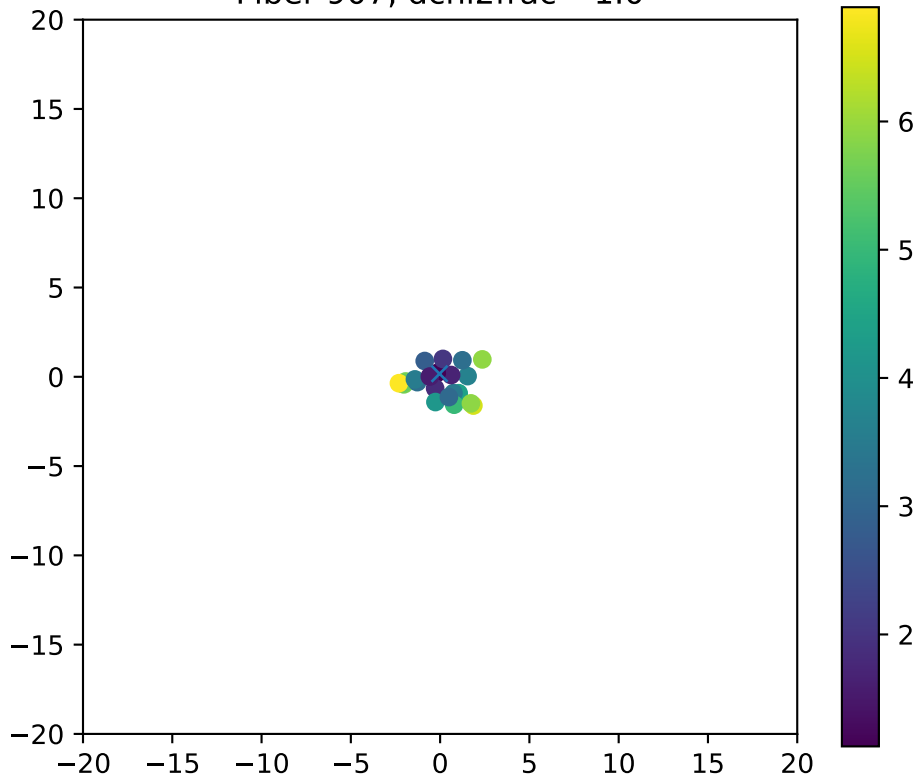
Fiber 867, dchi2frac= 1.0



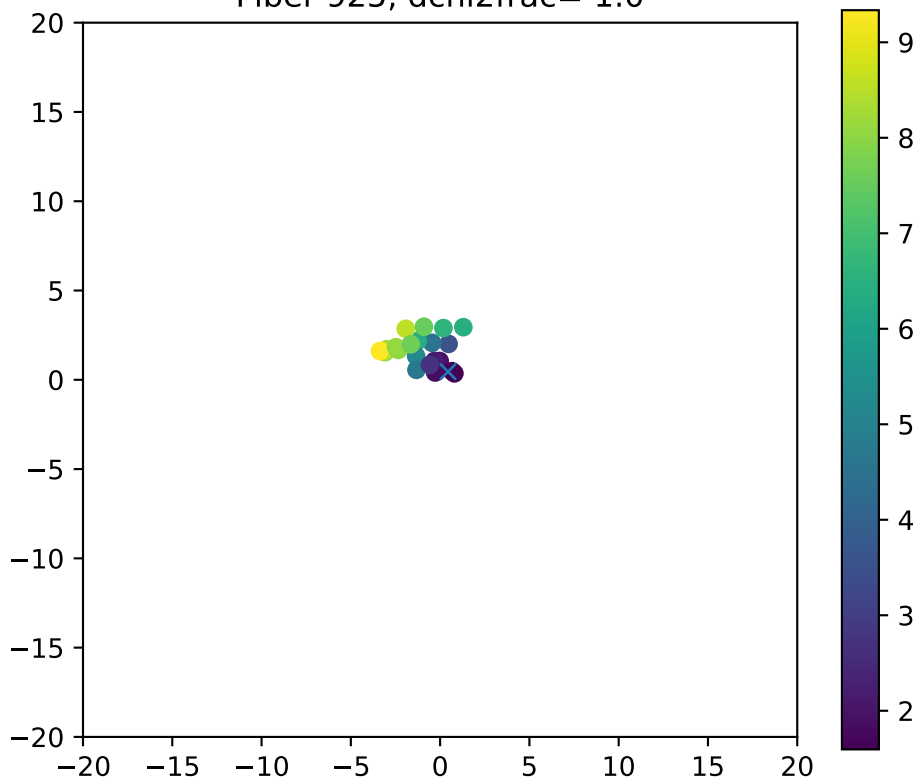
Fiber 888, dchi2frac= 1.0



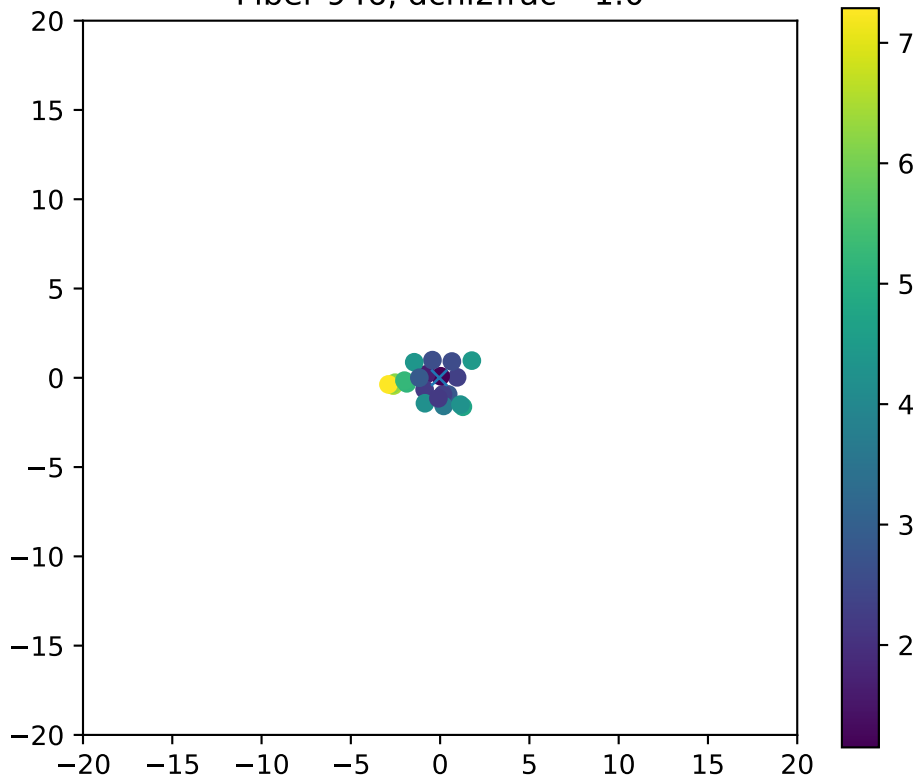
Fiber 907, dchi2frac= 1.0



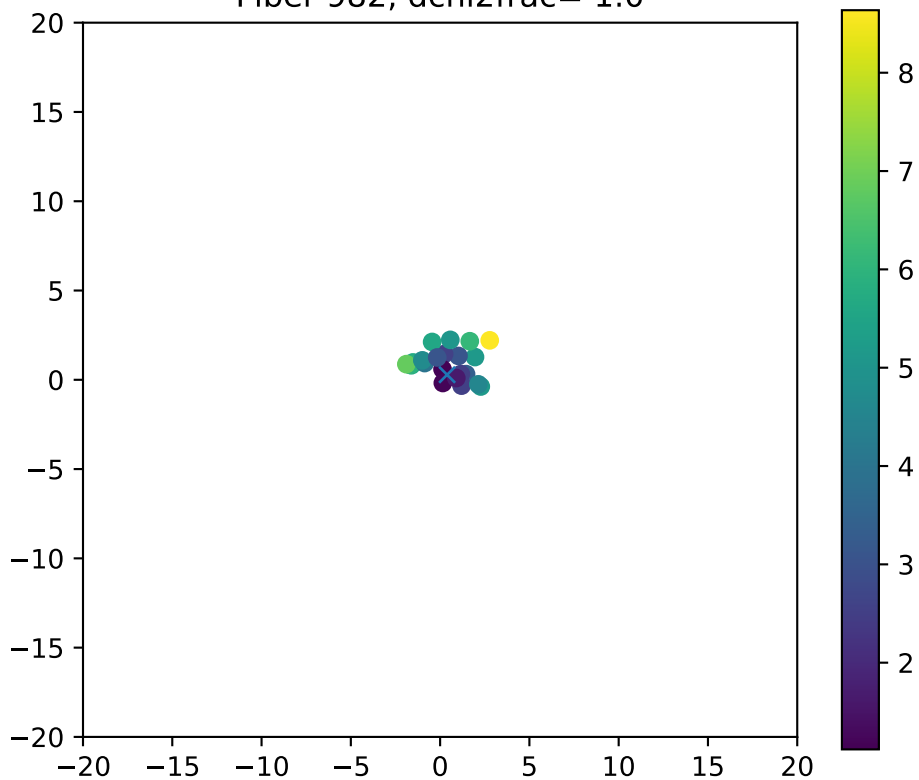
Fiber 925, dchi2frac= 1.0



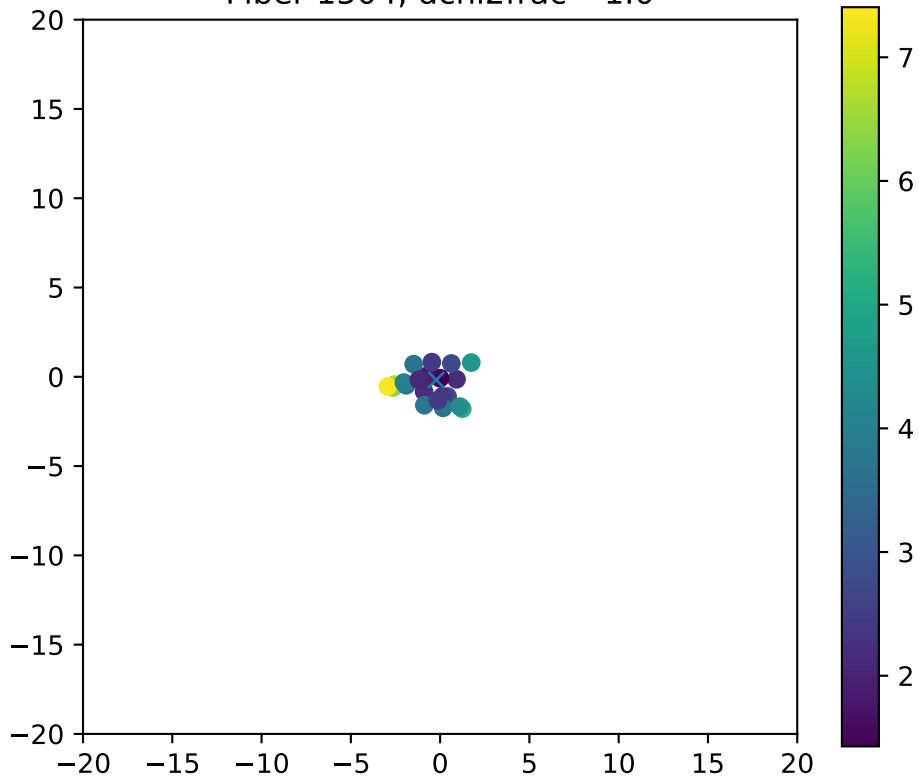
Fiber 946, dchi2frac= 1.0



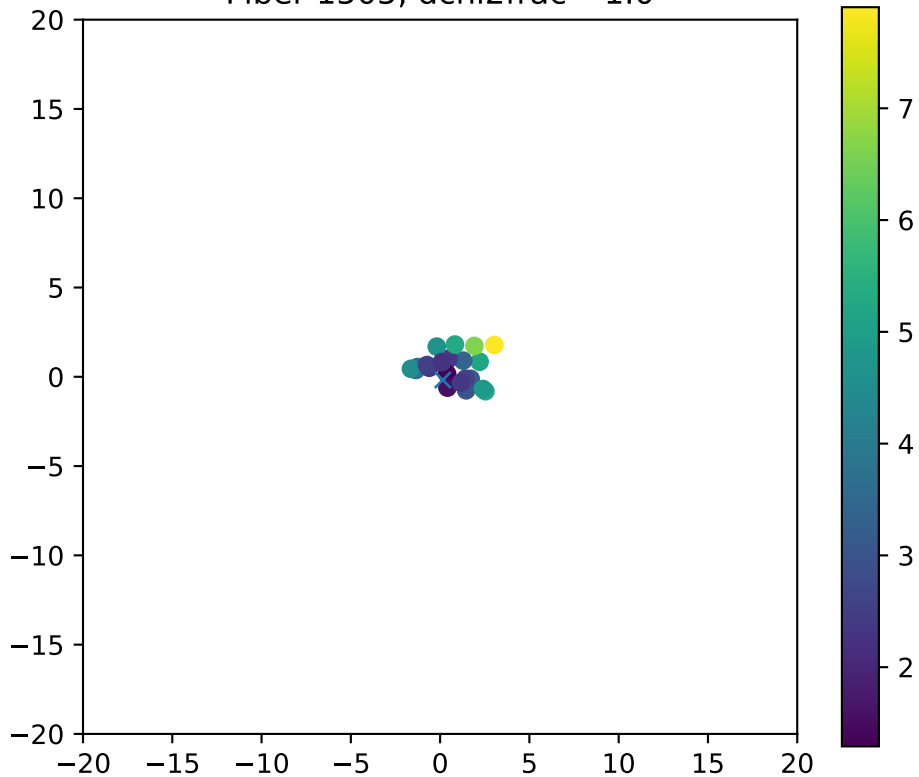
Fiber 982, dchi2frac= 1.0



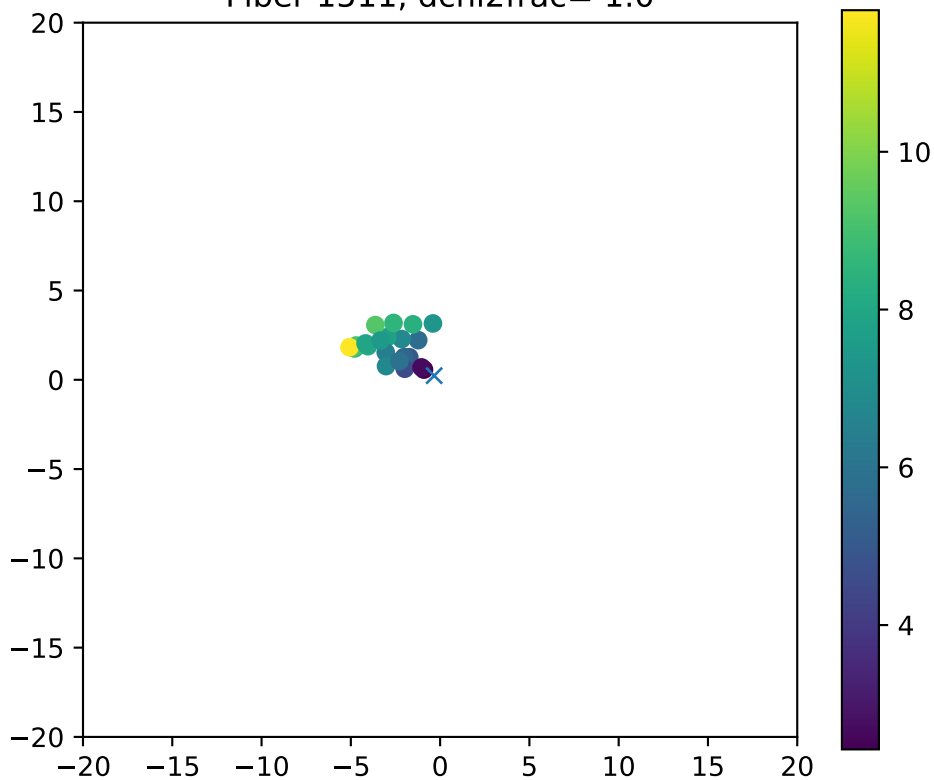
Fiber 1504, dchi2frac= 1.0



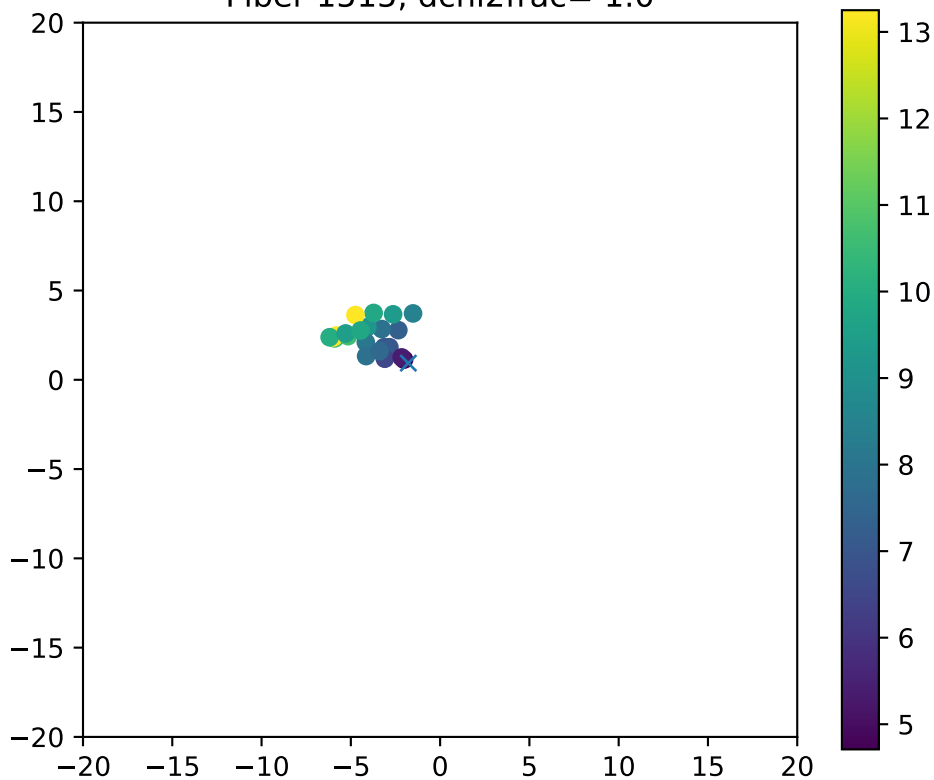
Fiber 1505, dchi2frac= 1.0



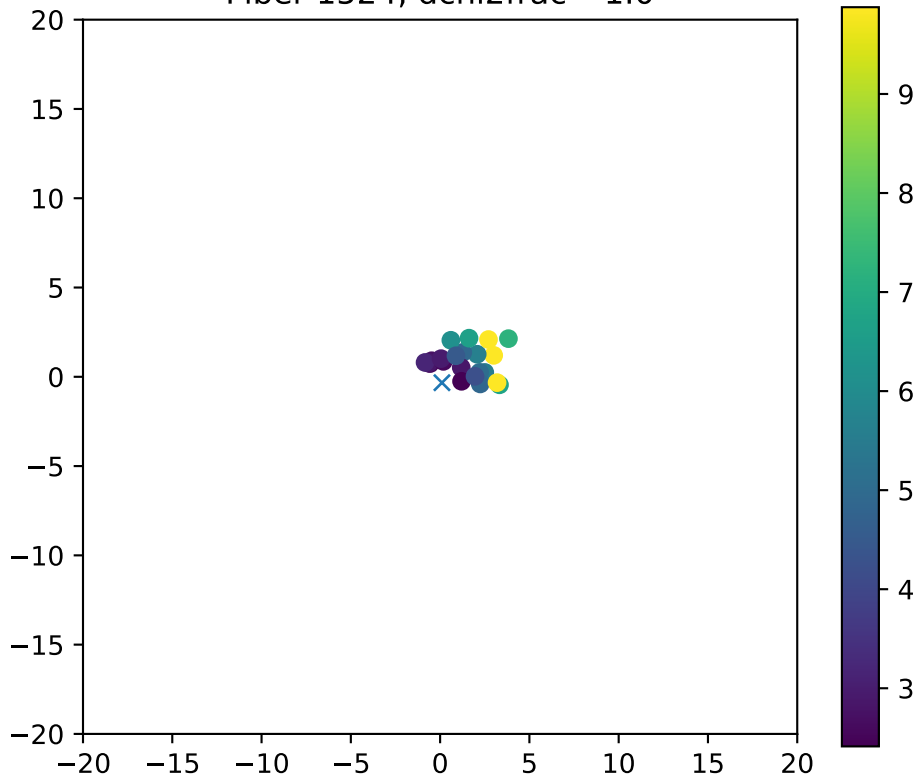
Fiber 1511, dchi2frac= 1.0



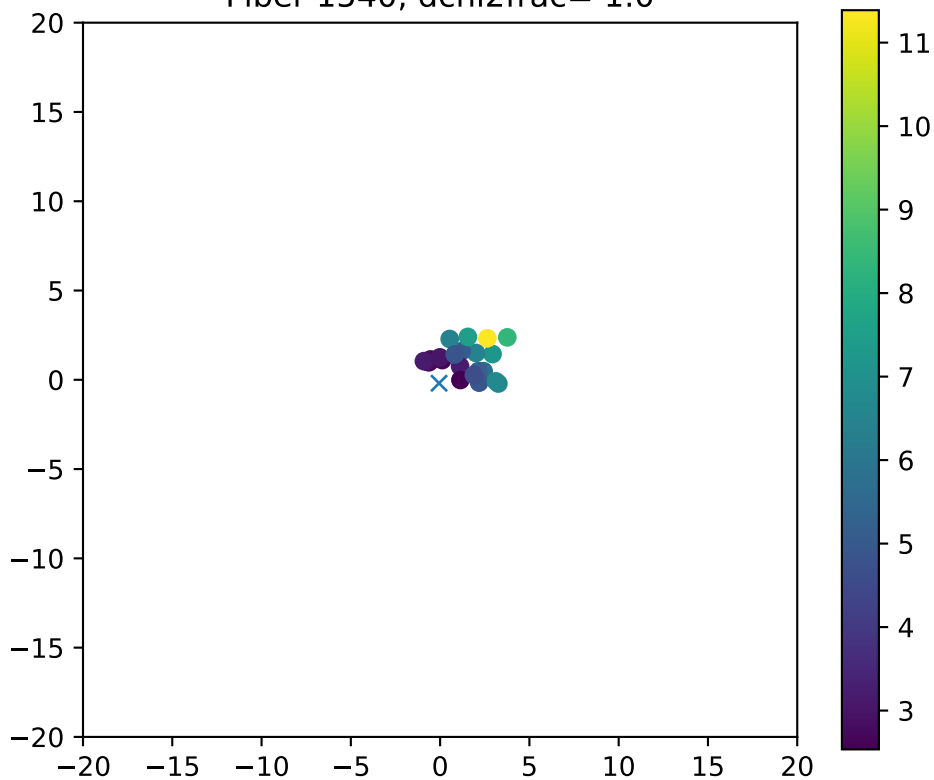
Fiber 1515, dchi2frac= 1.0



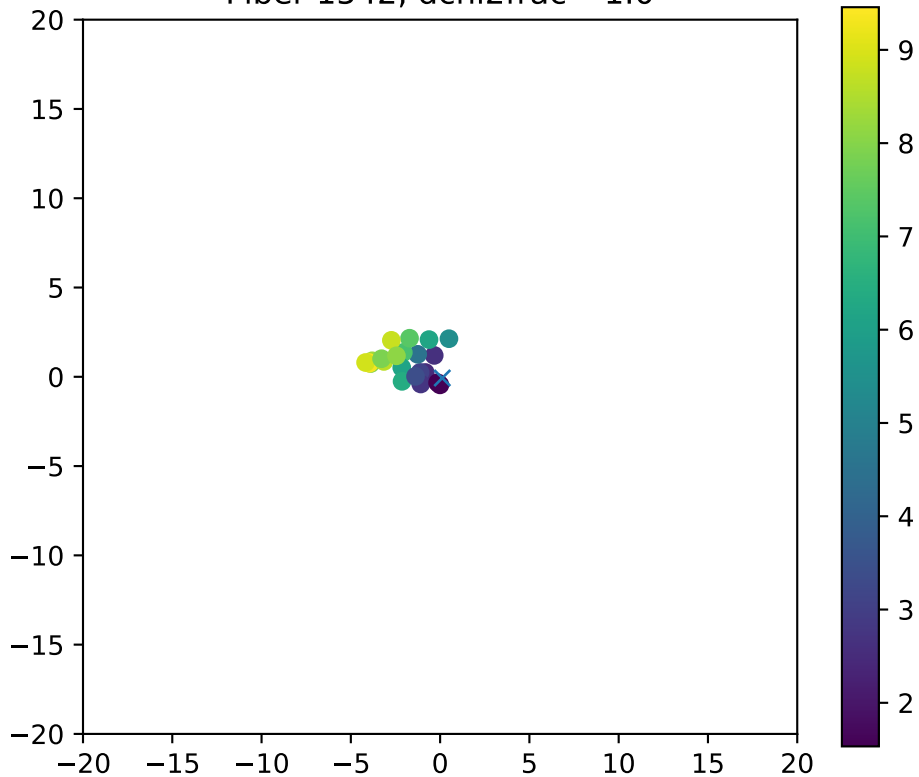
Fiber 1524, dchi2frac= 1.0



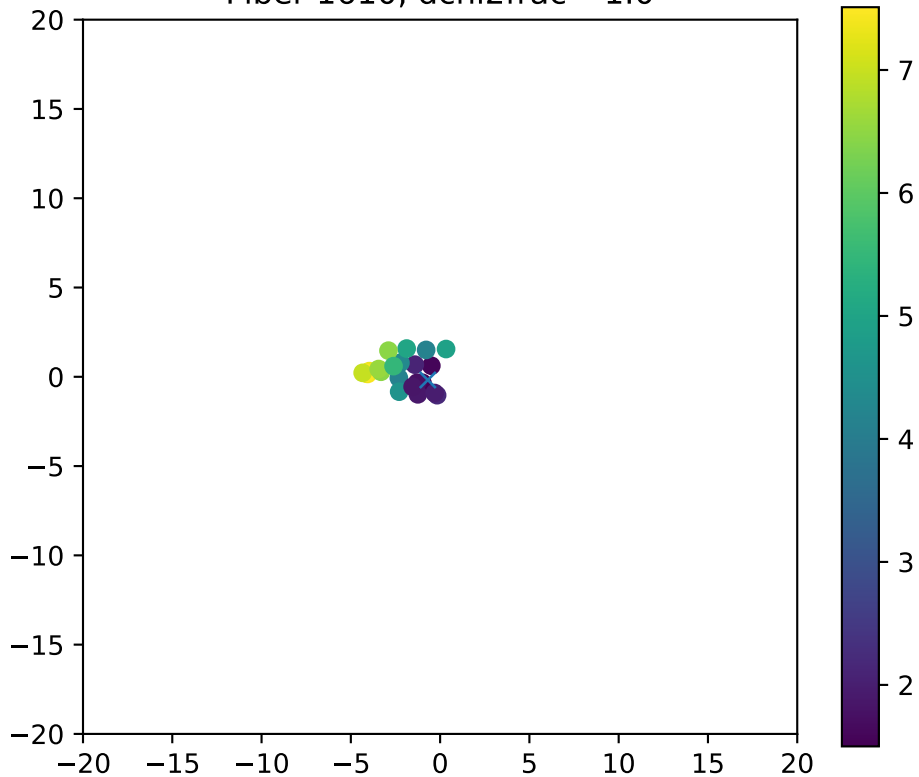
Fiber 1540, dchi2frac= 1.0



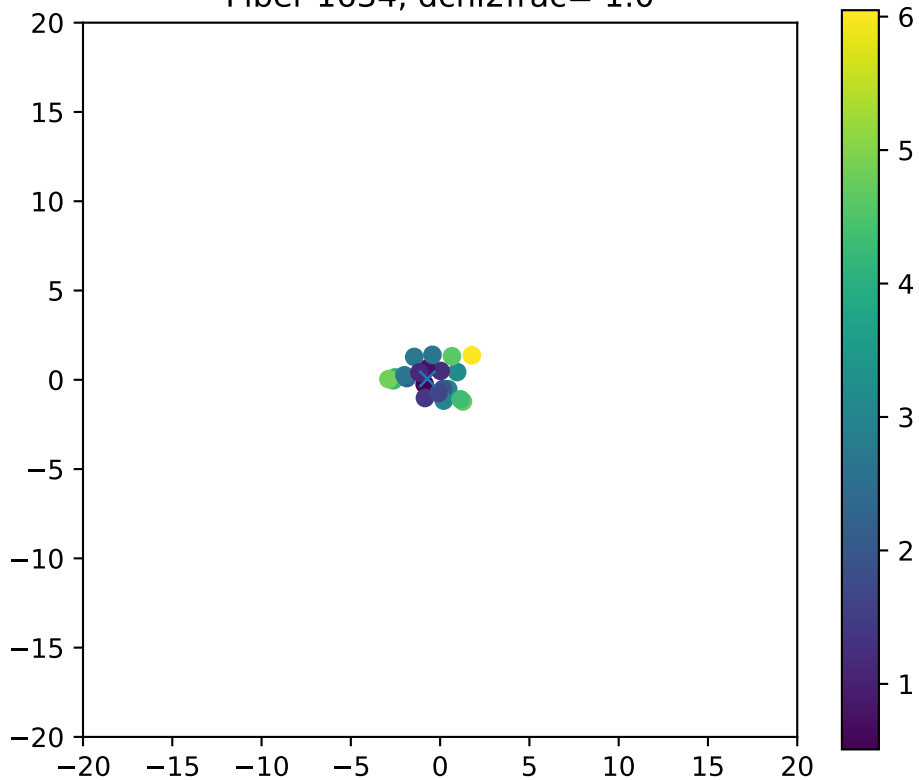
Fiber 1542, dchi2frac= 1.0



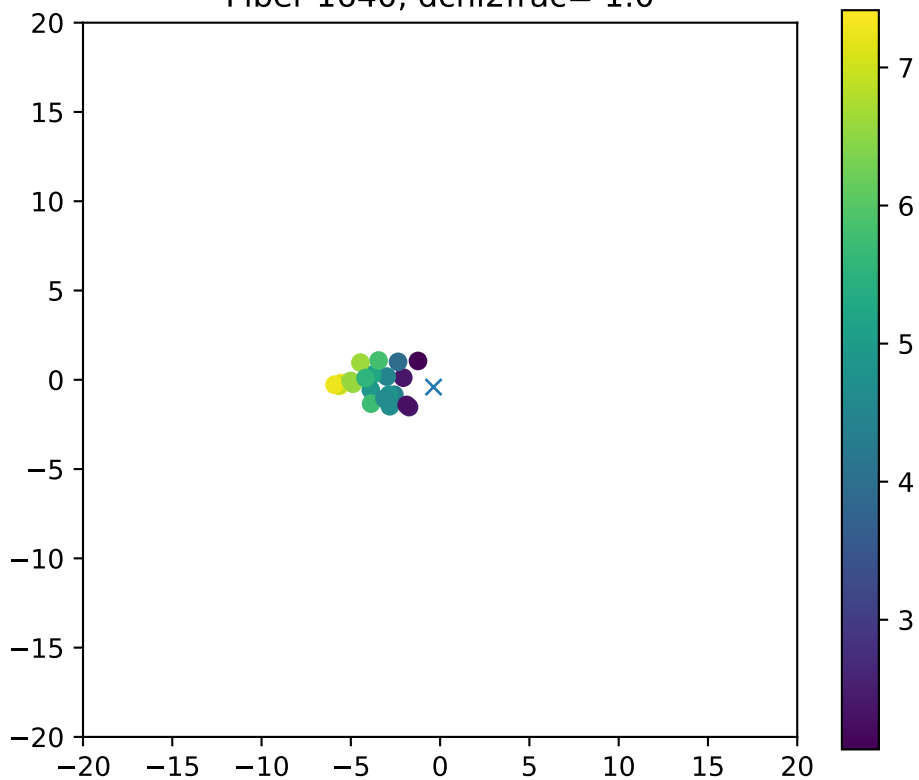
Fiber 1610, dchi2frac= 1.0



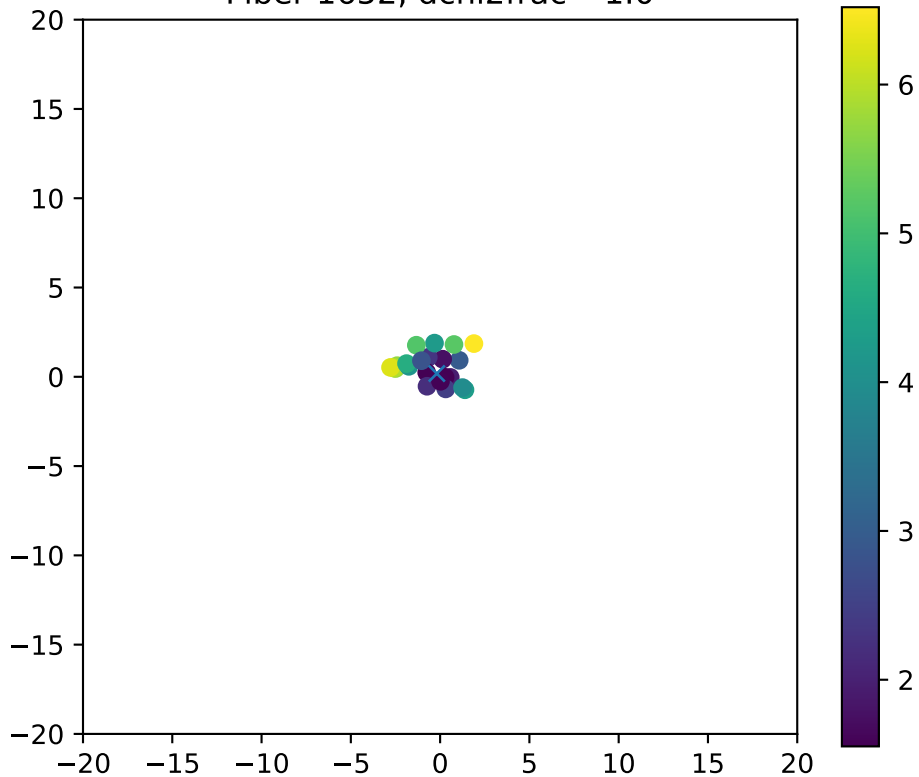
Fiber 1634, dchi2frac= 1.0



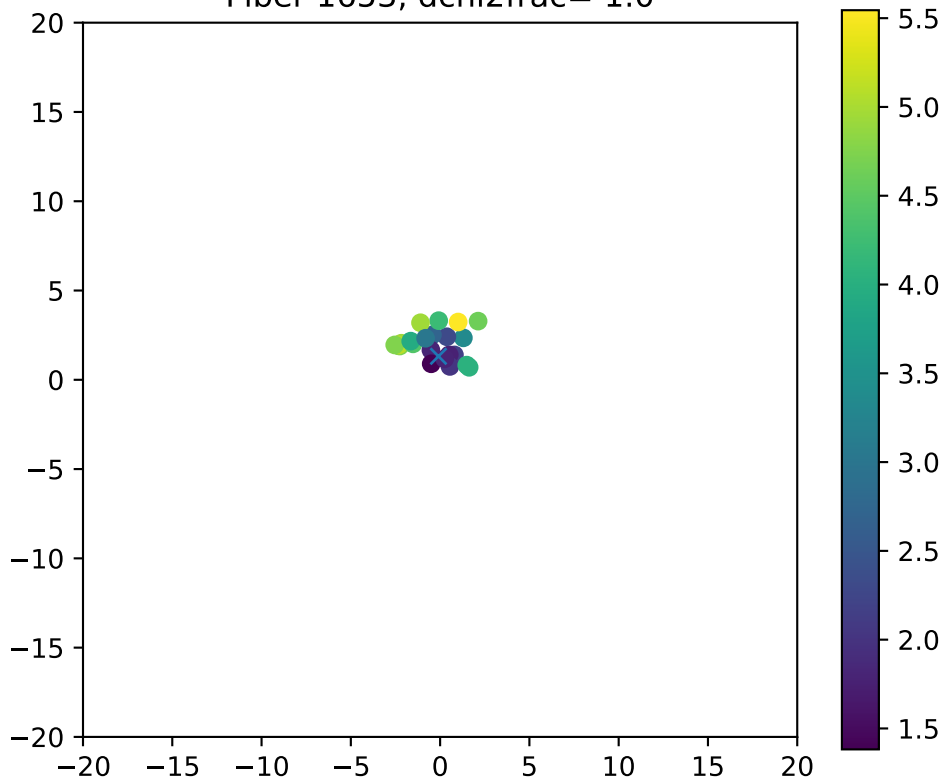
Fiber 1640, dchi2frac= 1.0



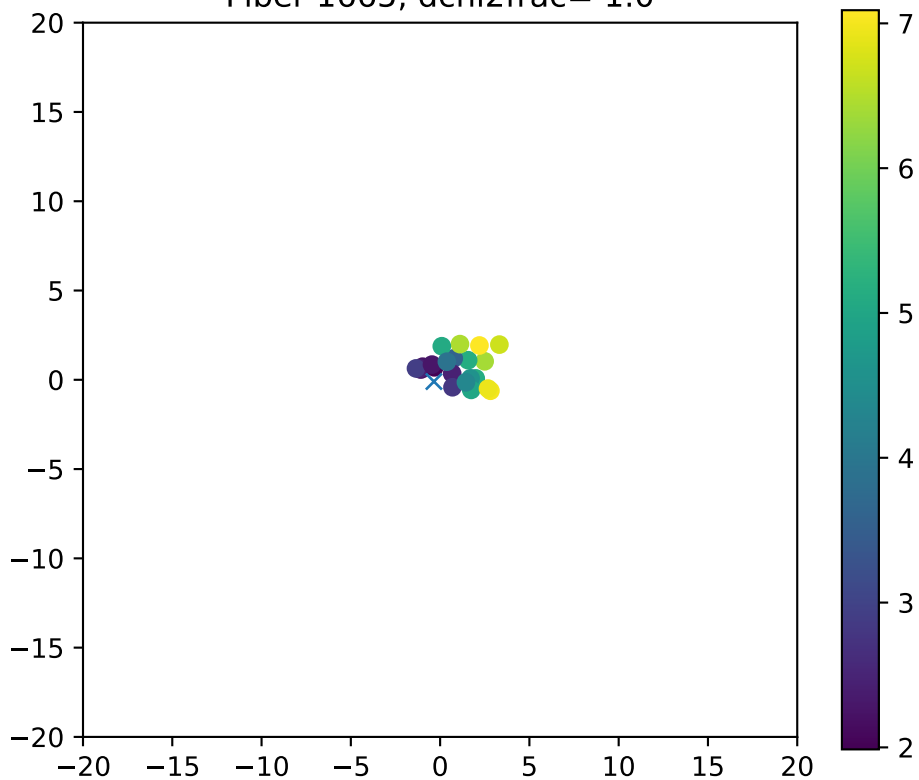
Fiber 1652, dchi2frac= 1.0



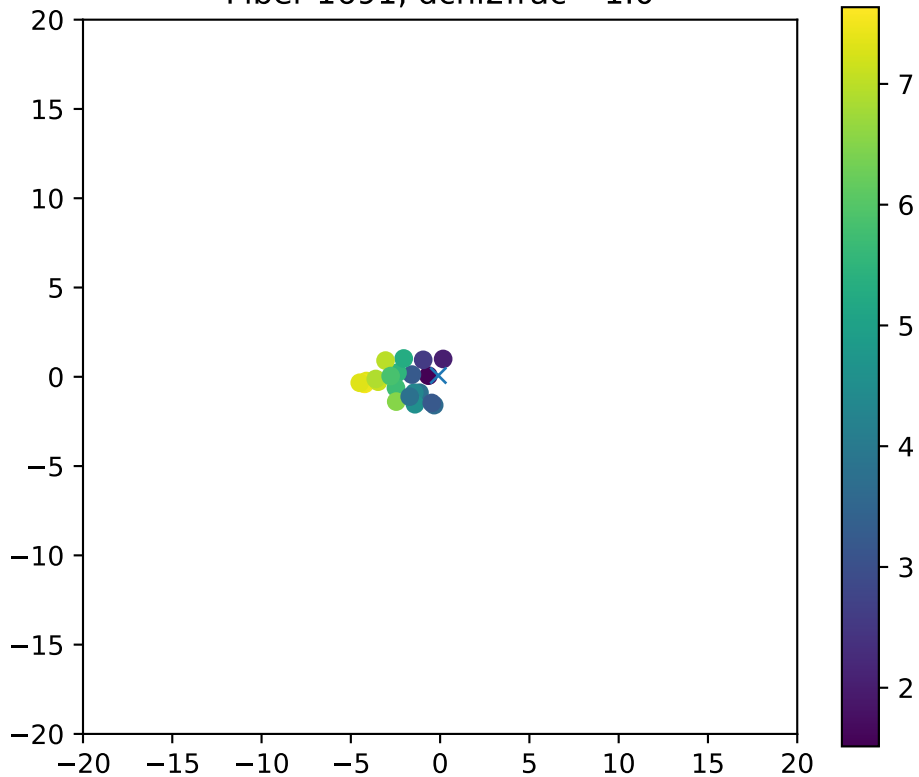
Fiber 1653, dchi2frac= 1.0



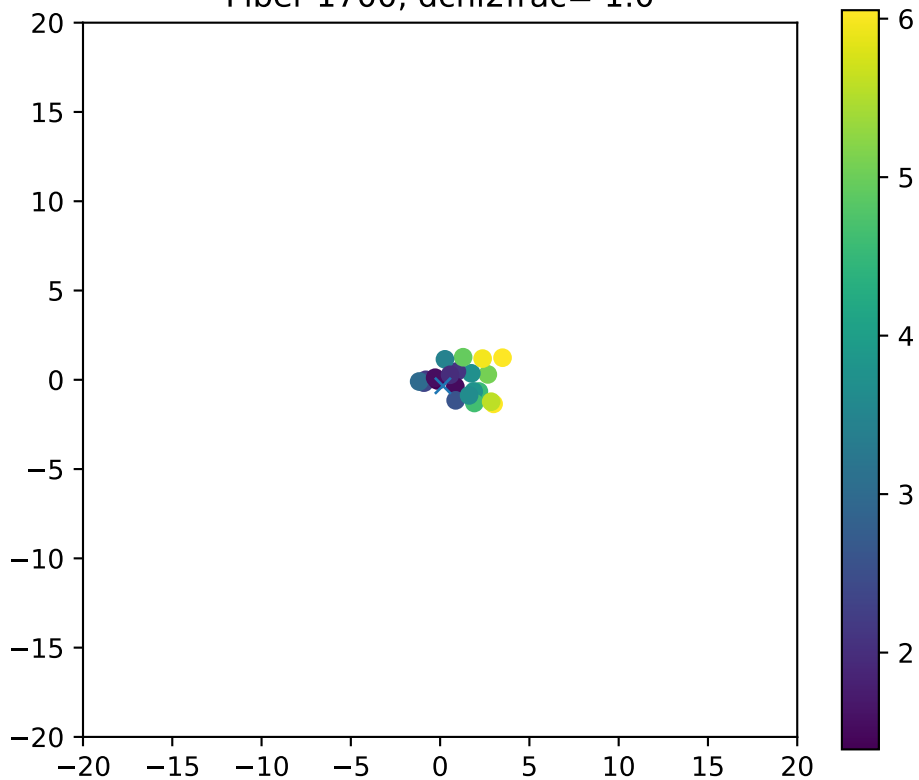
Fiber 1665, dchi2frac= 1.0



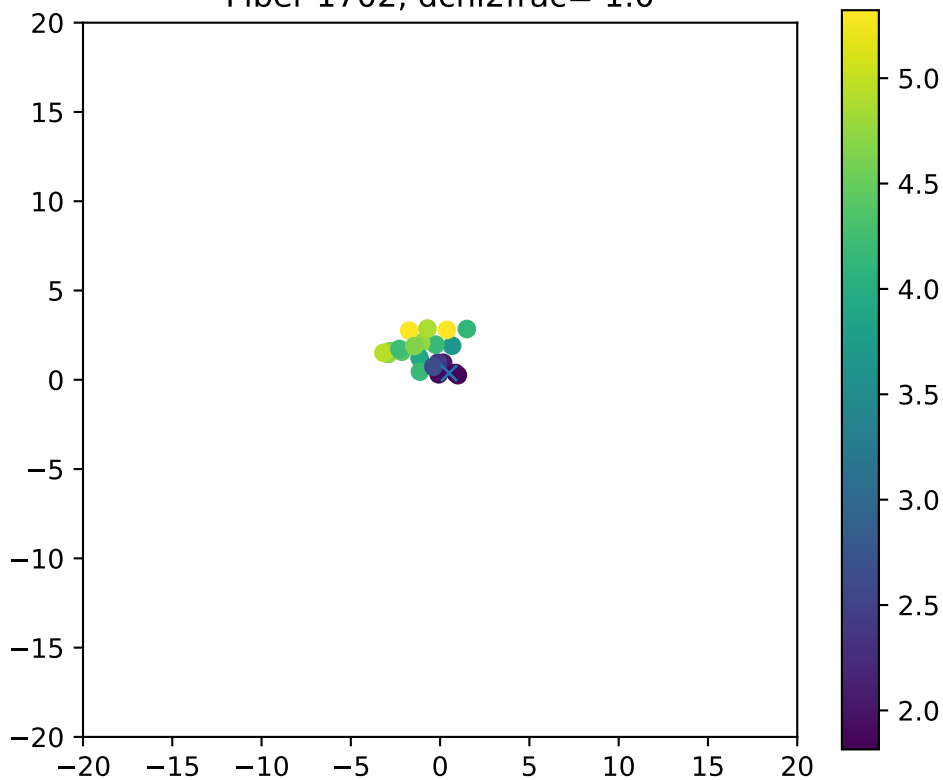
Fiber 1691, dchi2frac= 1.0



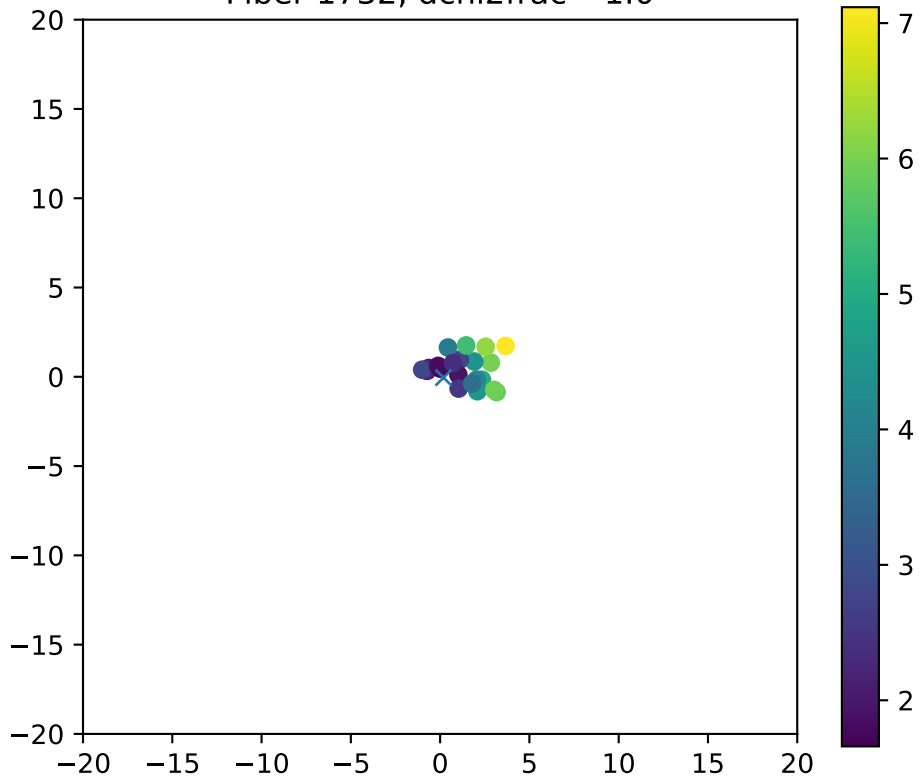
Fiber 1700, dchi2frac= 1.0



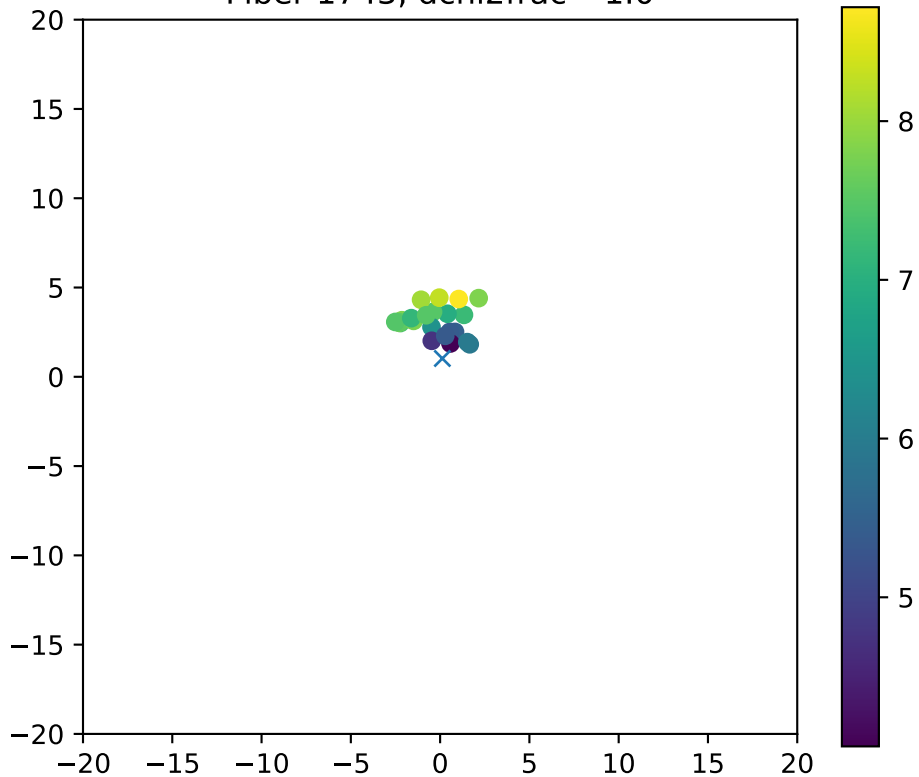
Fiber 1702, dchi2frac= 1.0



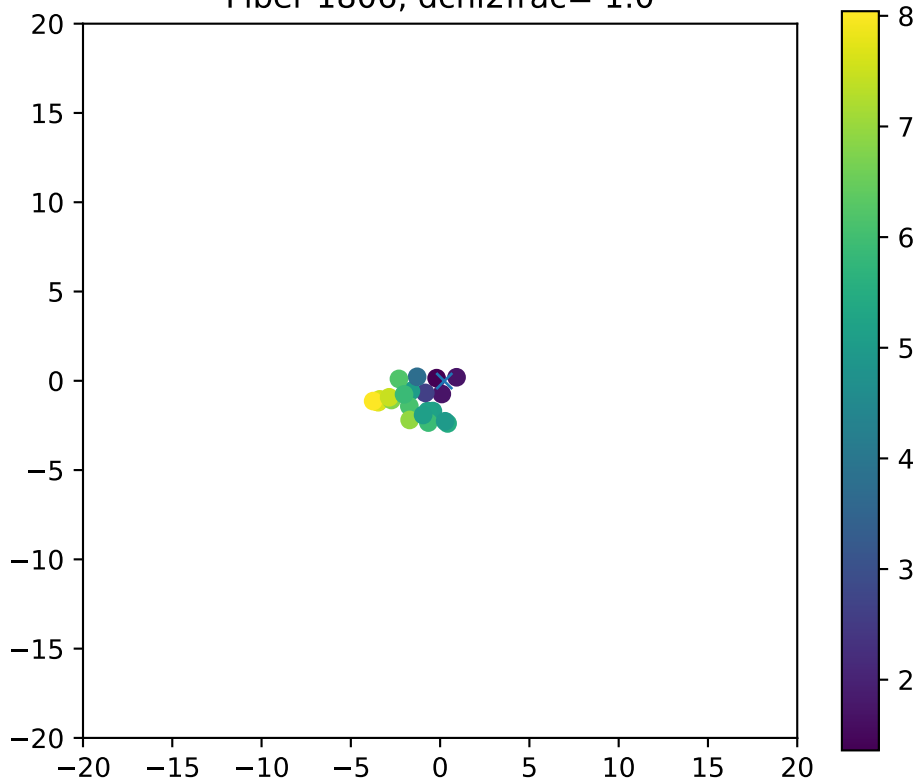
Fiber 1732, dchi2frac= 1.0



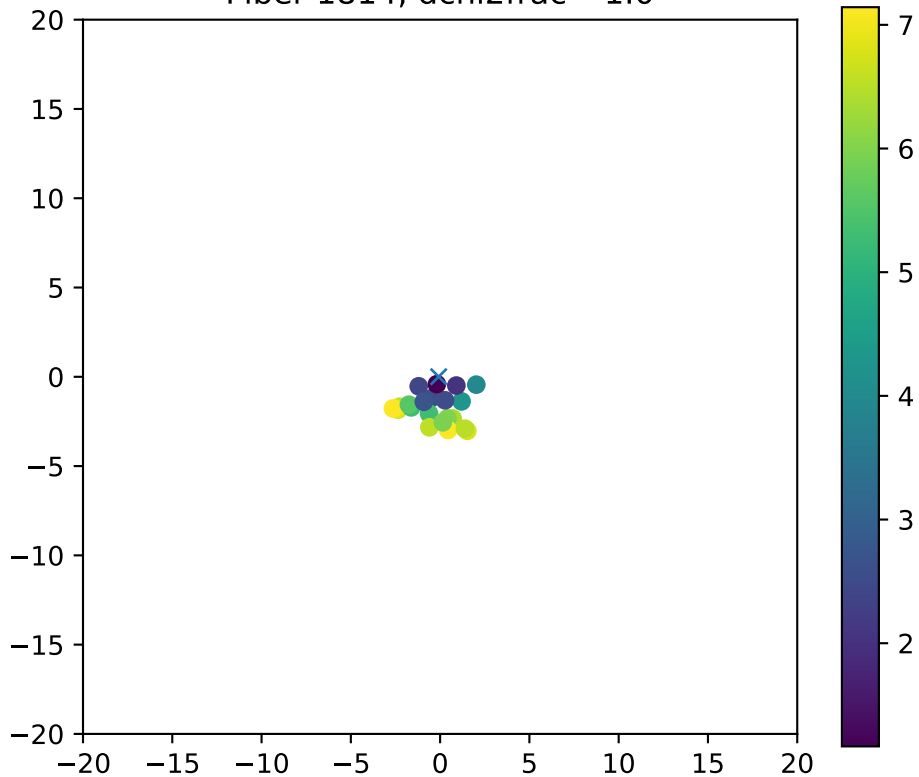
Fiber 1743, dchi2frac= 1.0



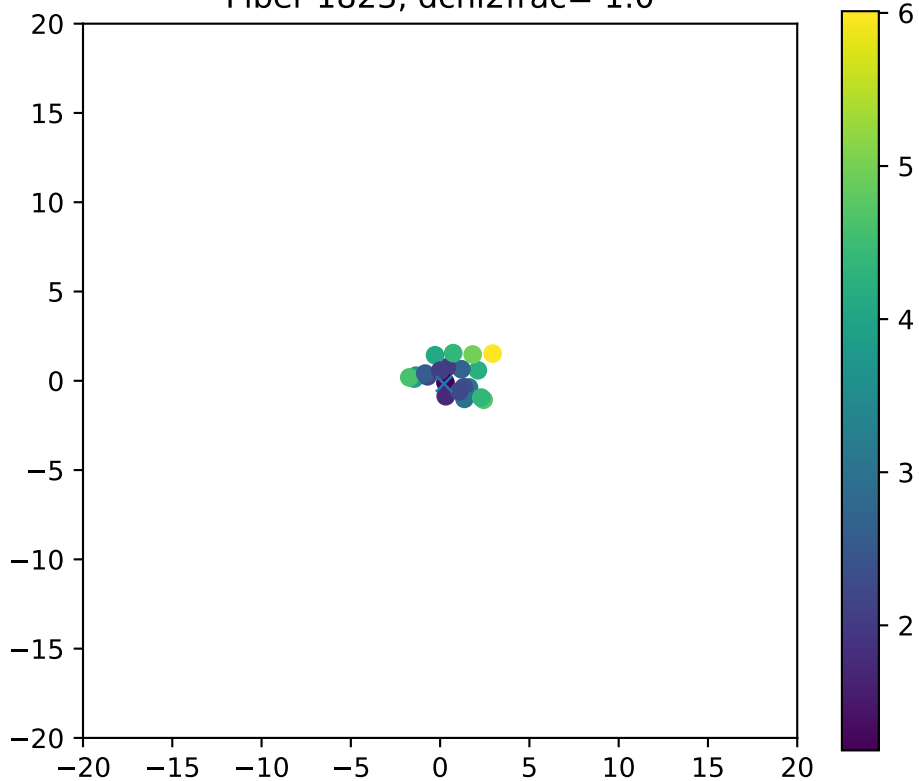
Fiber 1806, dchi2frac= 1.0



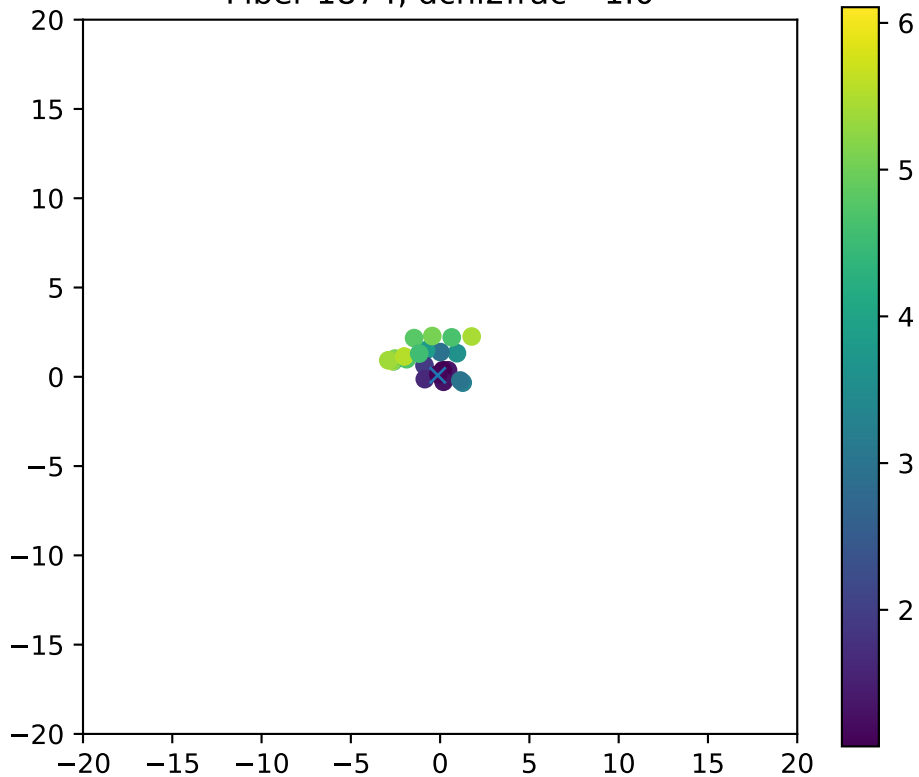
Fiber 1814, dchi2frac= 1.0



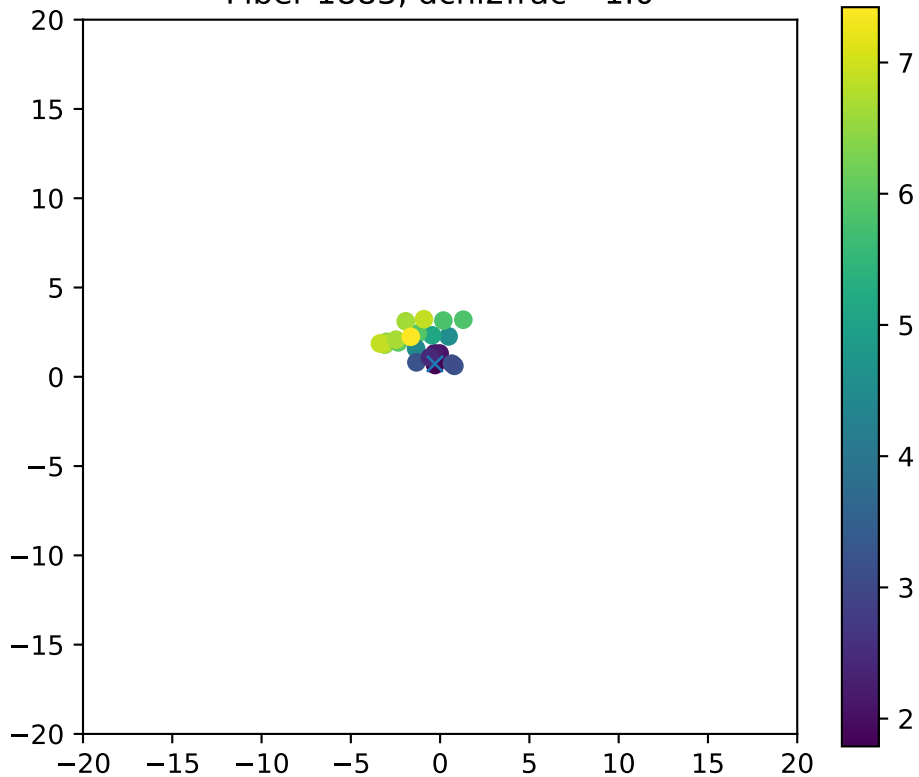
Fiber 1823, dchi2frac= 1.0



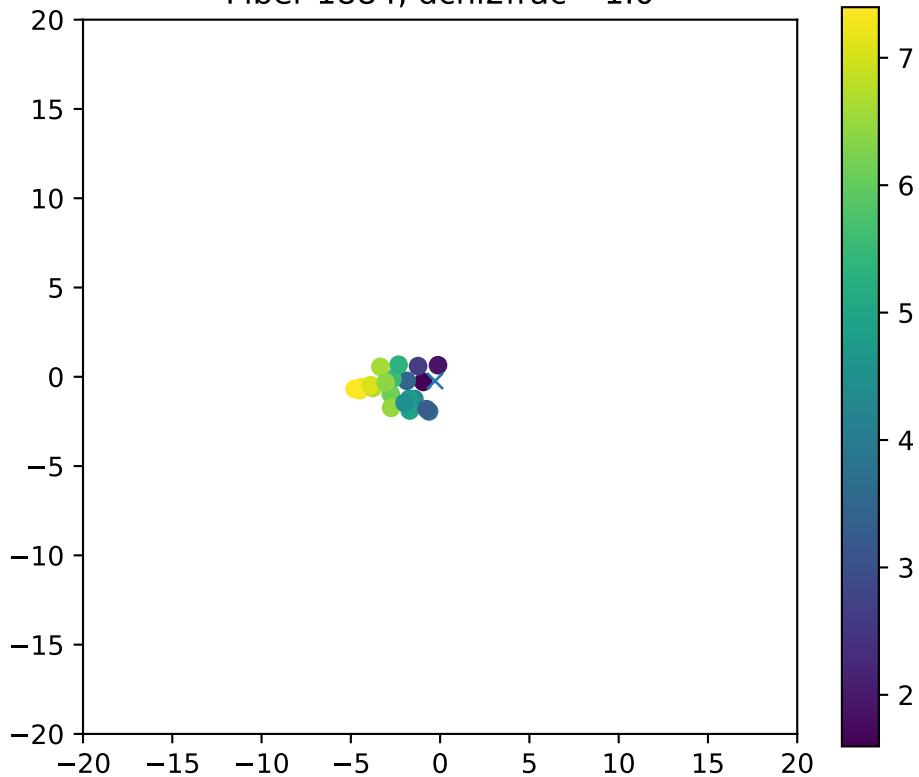
Fiber 1874, dchi2frac= 1.0



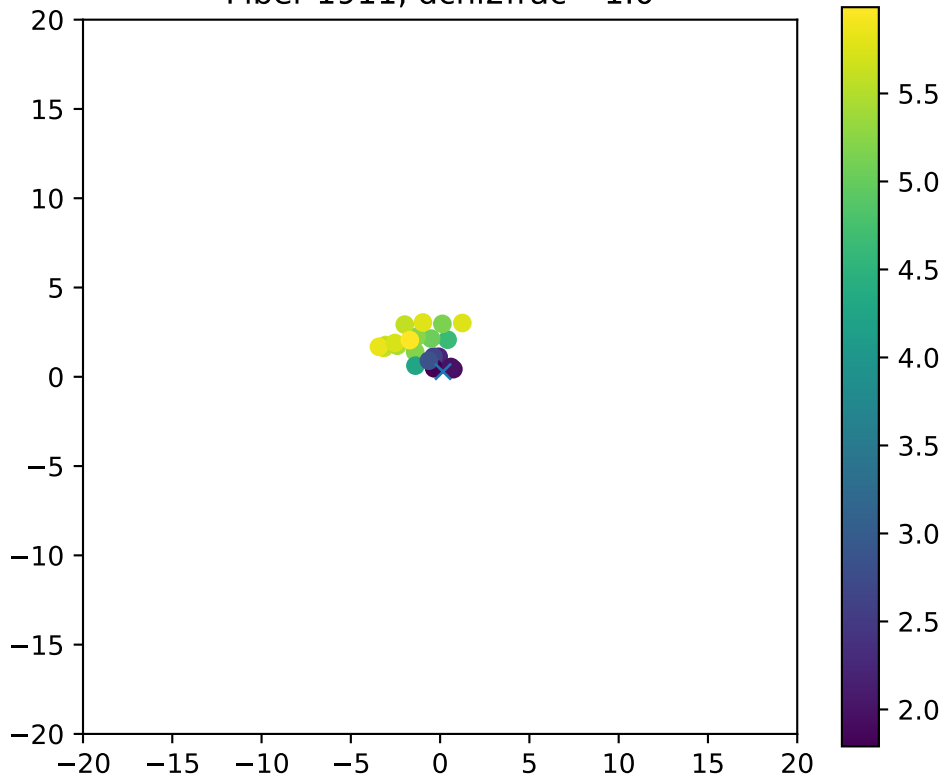
Fiber 1883, dchi2frac= 1.0



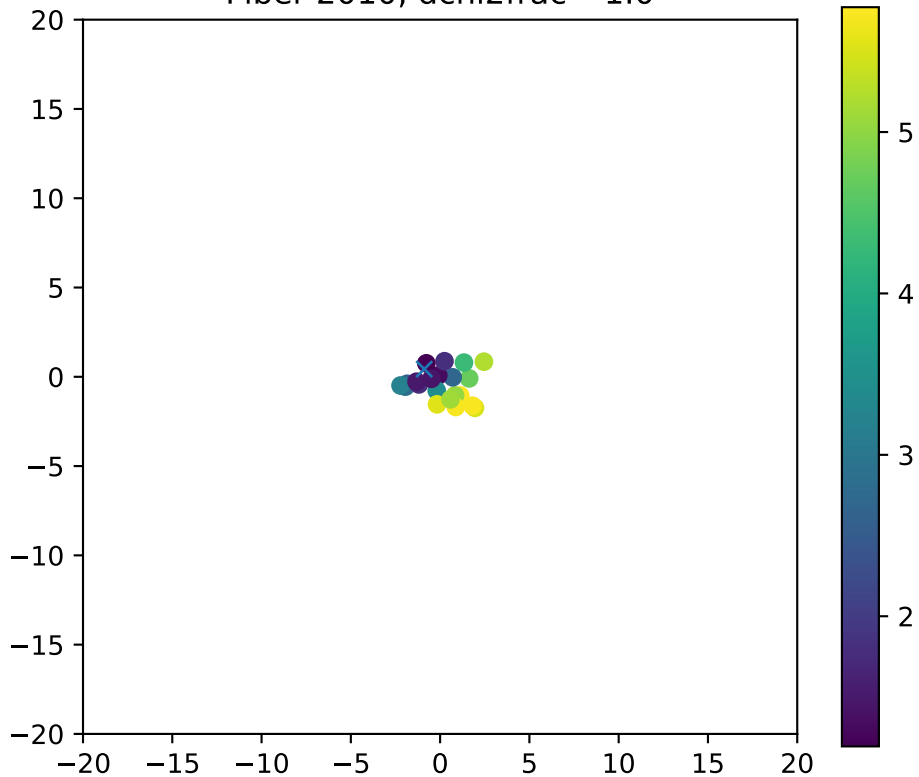
Fiber 1884, dchi2frac= 1.0



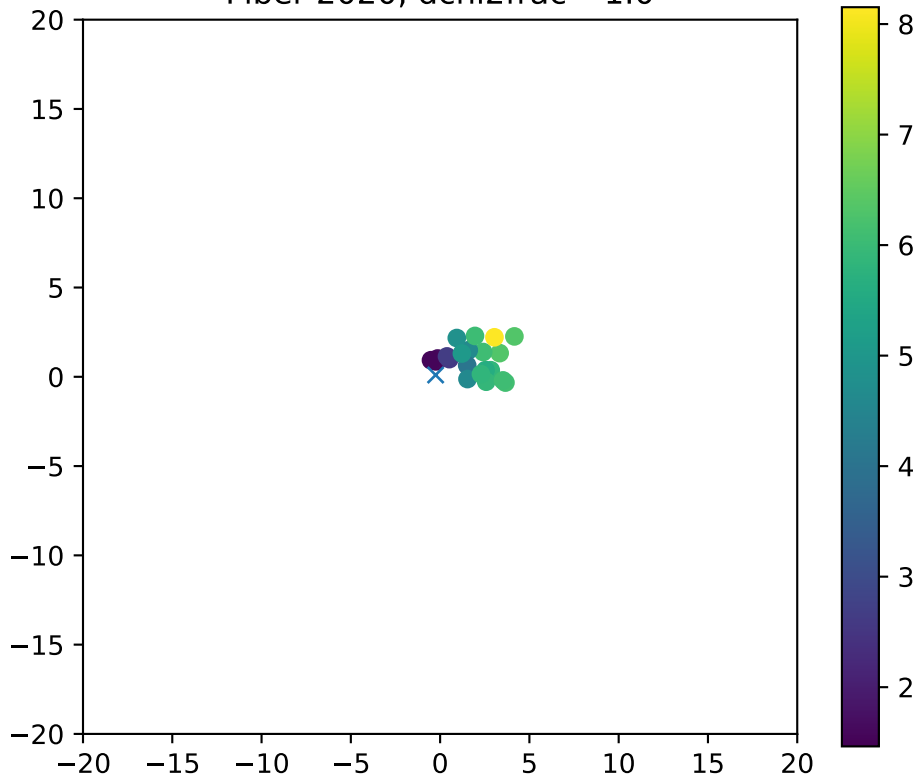
Fiber 1911, dchi2frac= 1.0



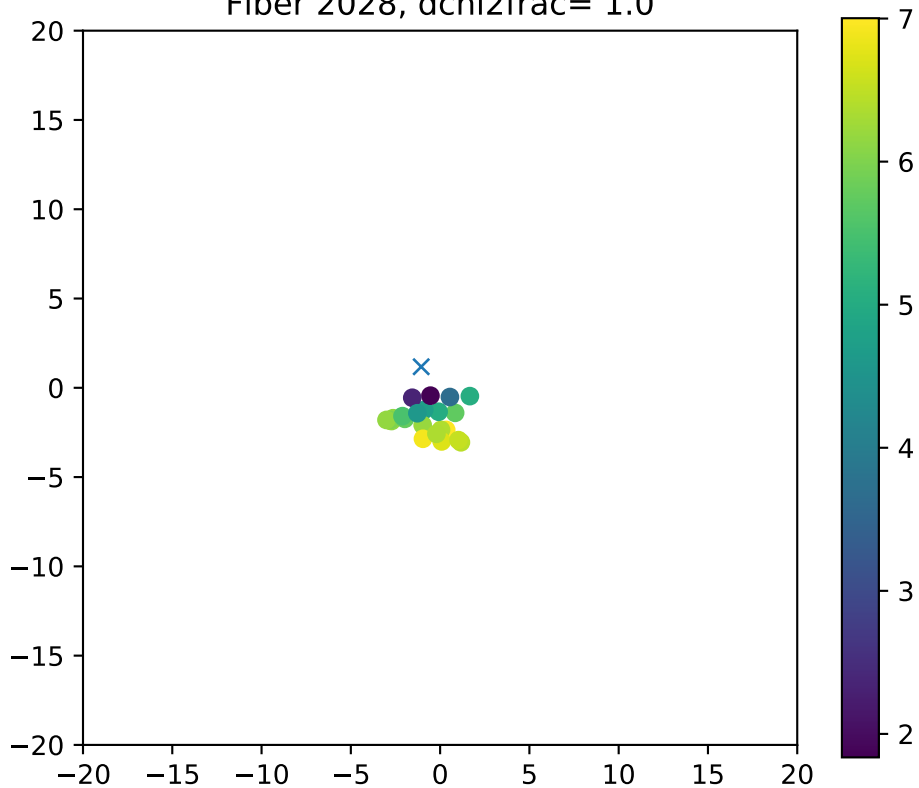
Fiber 2010, dchi2frac= 1.0



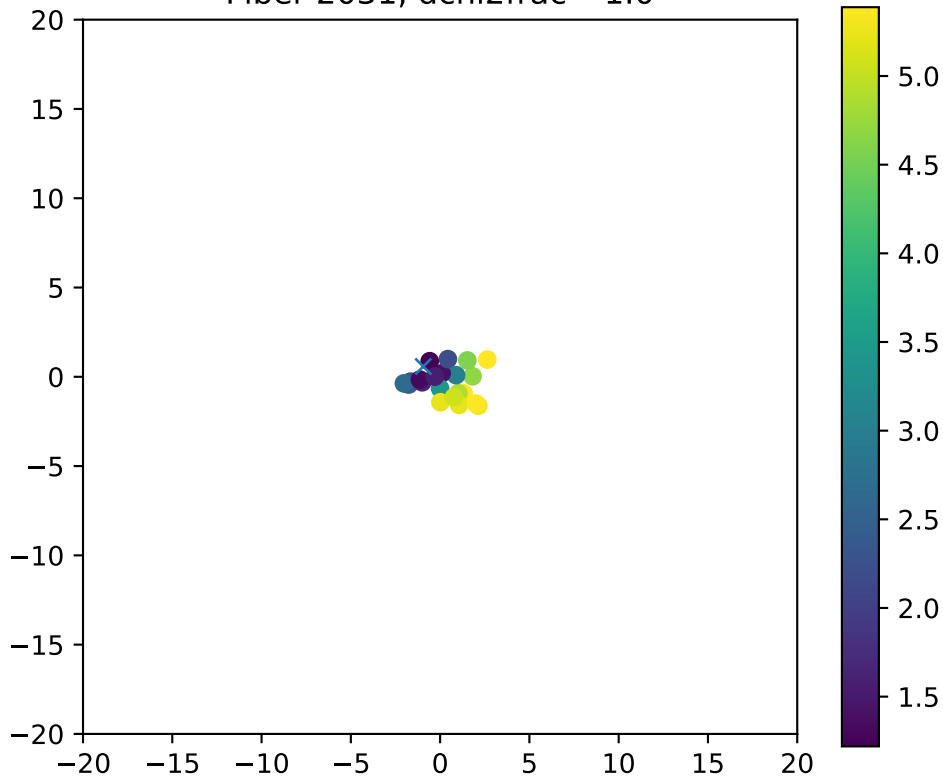
Fiber 2020, dchi2frac= 1.0



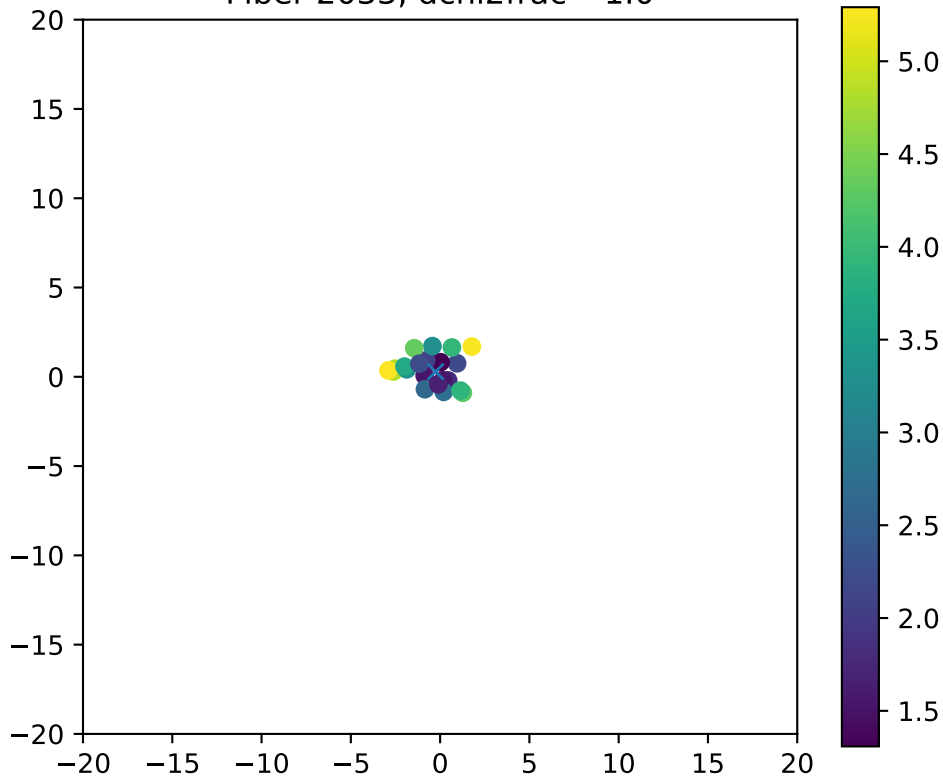
Fiber 2028, dchi2frac= 1.0



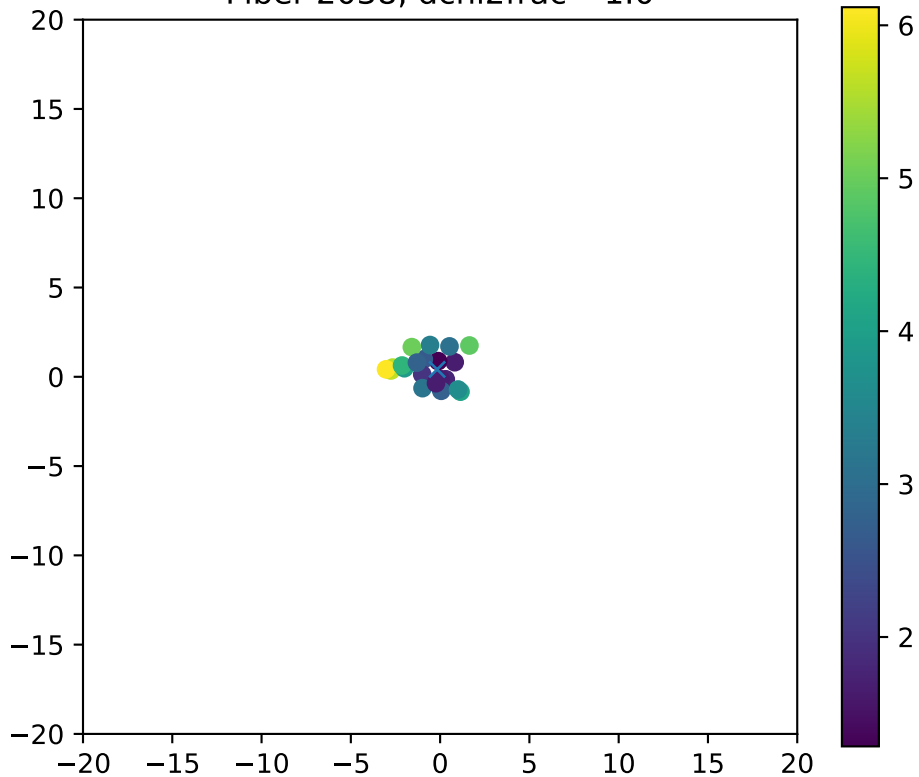
Fiber 2031, dchi2frac= 1.0



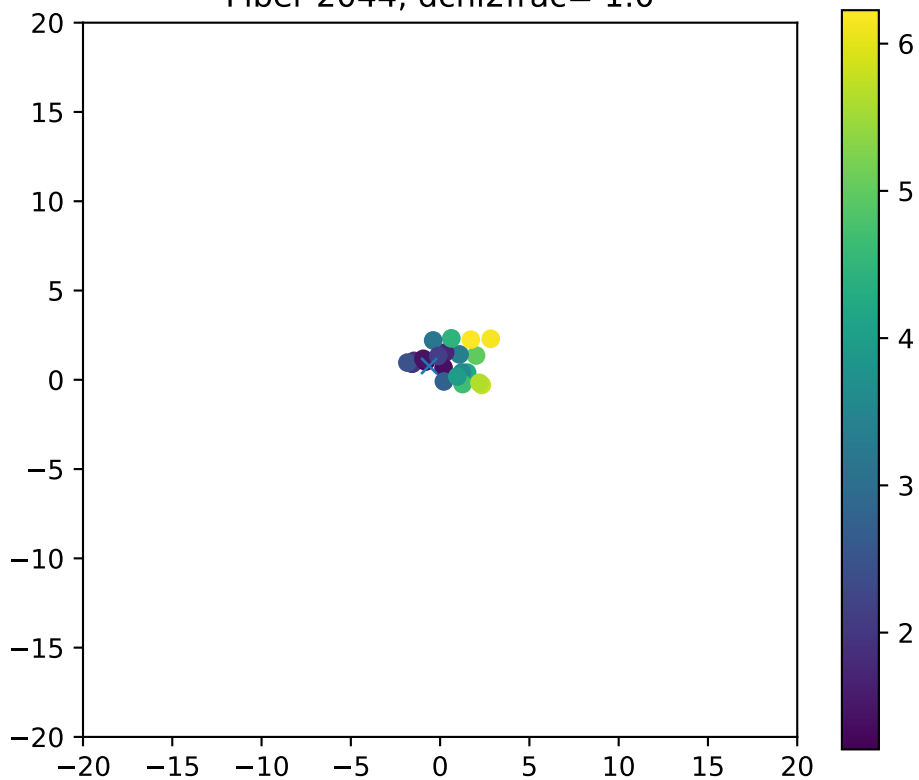
Fiber 2033, dchi2frac= 1.0



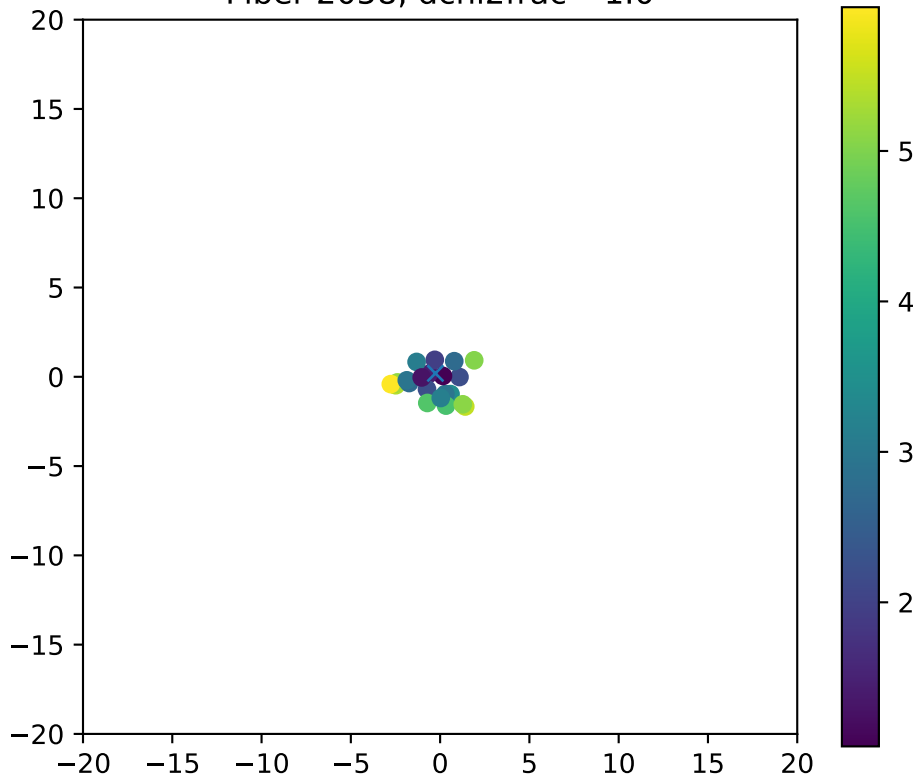
Fiber 2038, dchi2frac= 1.0



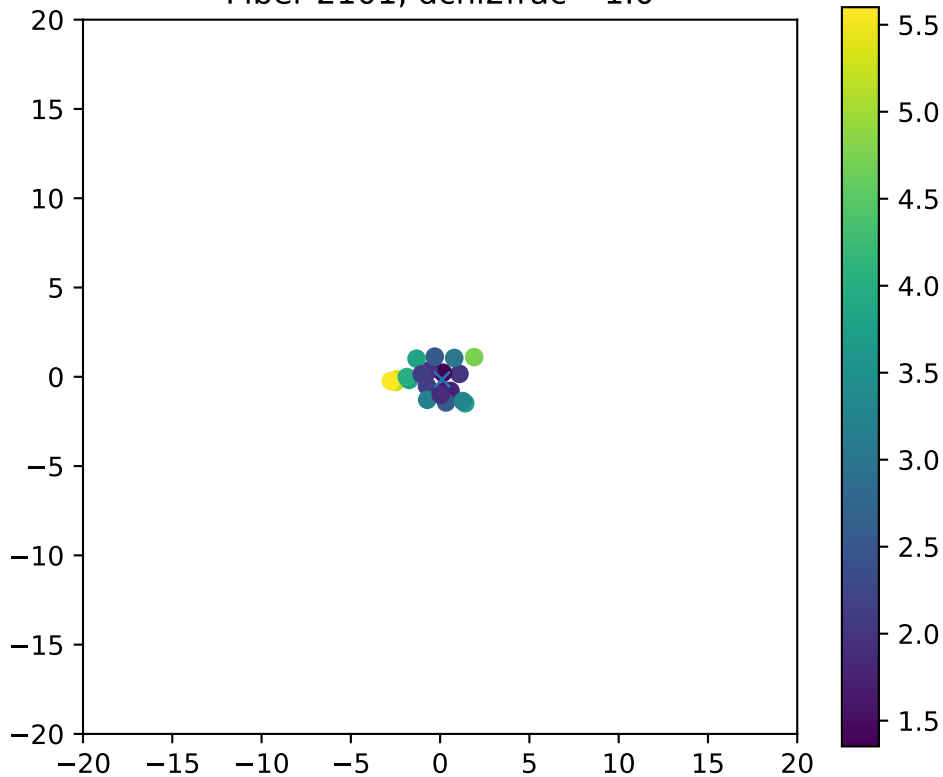
Fiber 2044, dchi2frac= 1.0



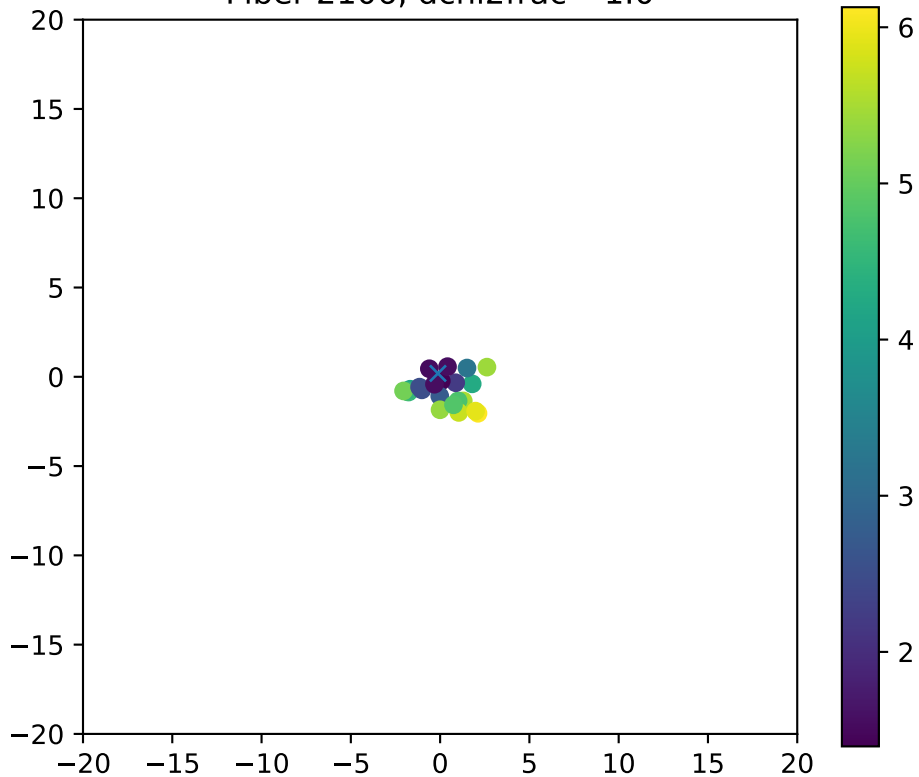
Fiber 2058, dchi2frac= 1.0



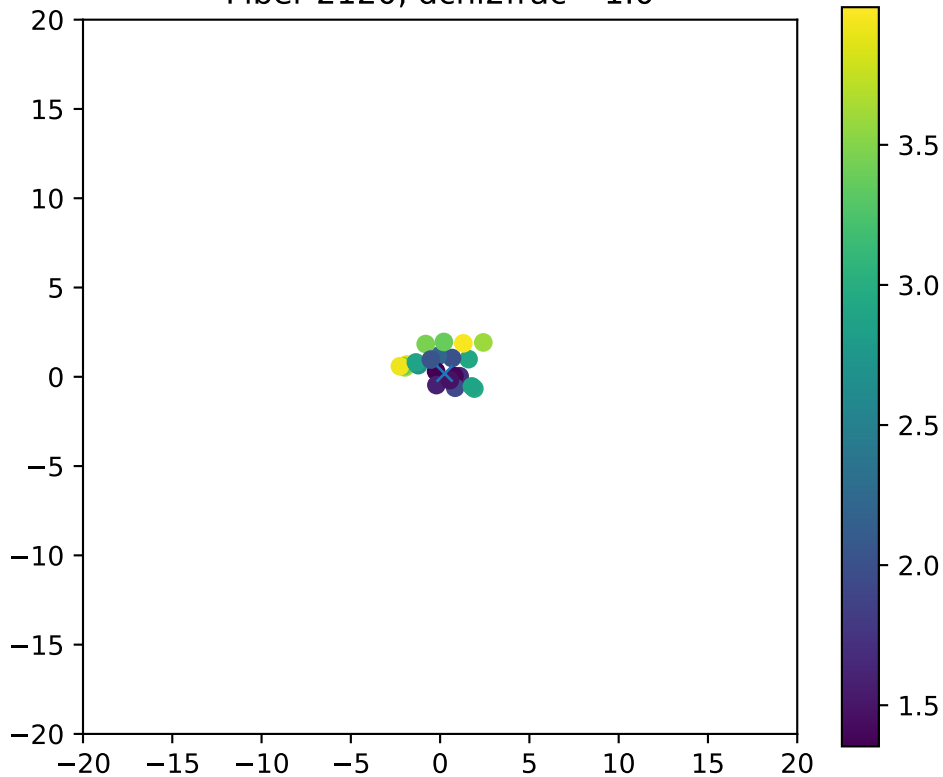
Fiber 2101, dchi2frac= 1.0



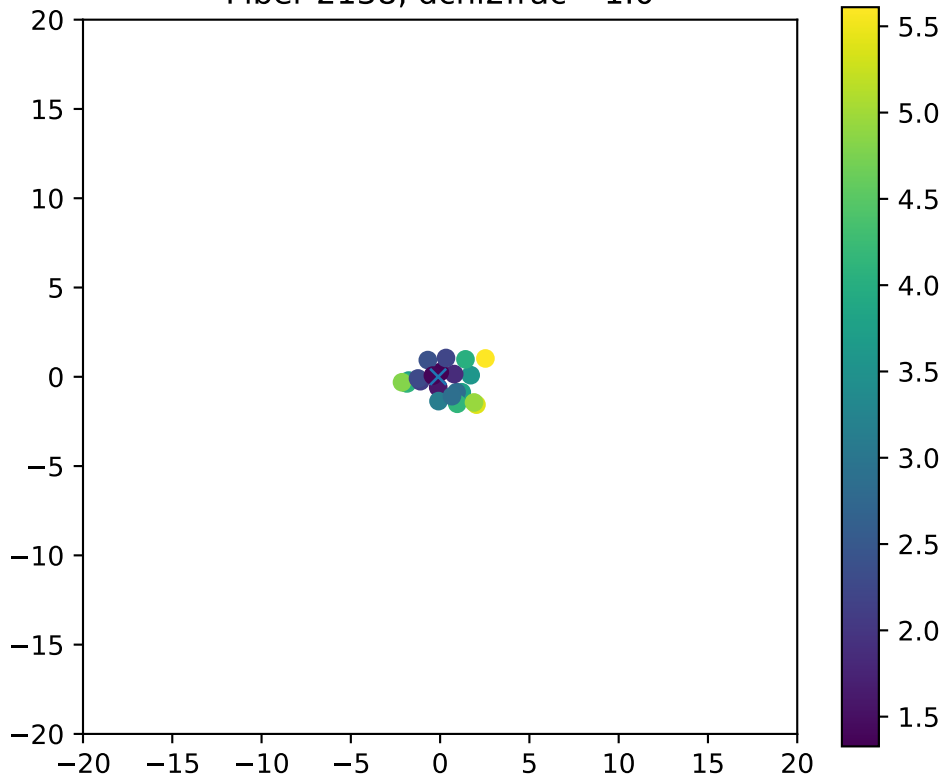
Fiber 2106, dchi2frac= 1.0



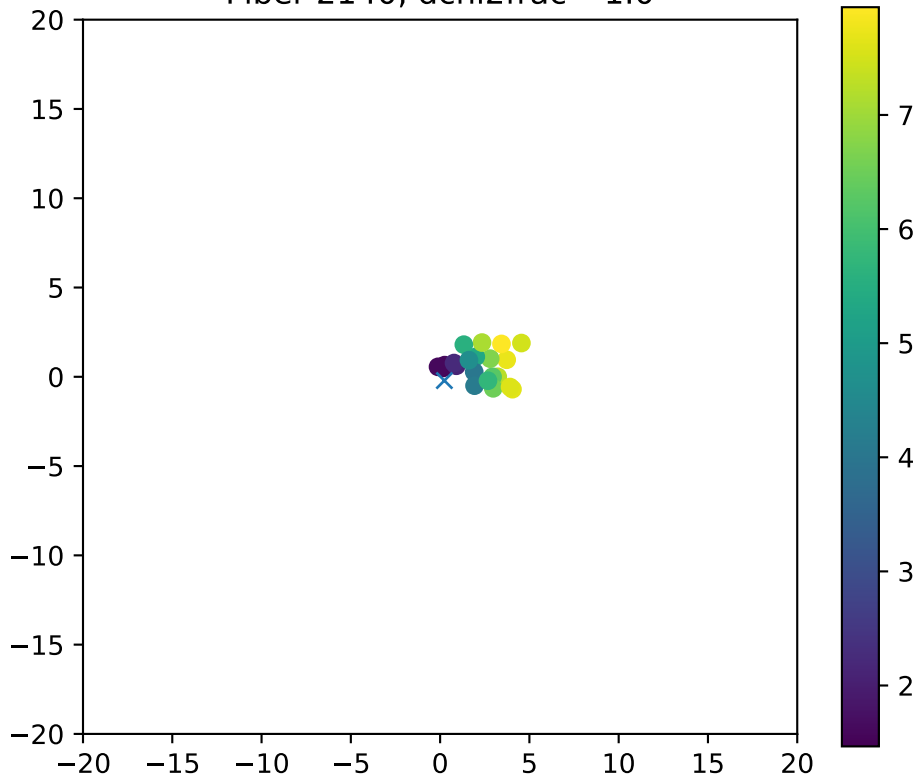
Fiber 2120, dchi2frac= 1.0



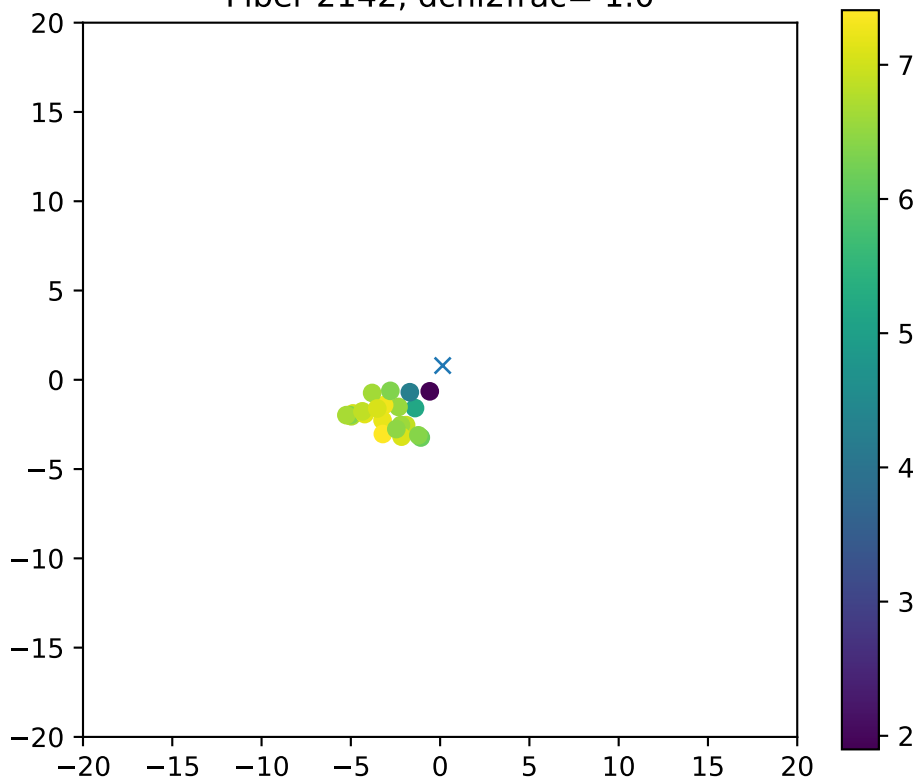
Fiber 2138, dchi2frac= 1.0



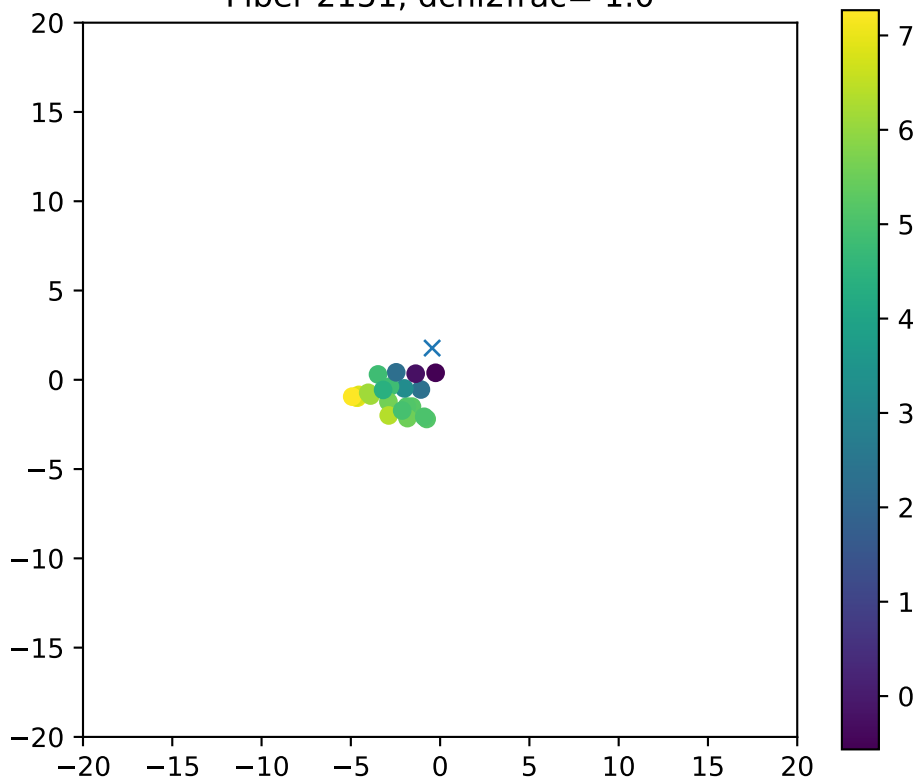
Fiber 2140, dchi2frac= 1.0



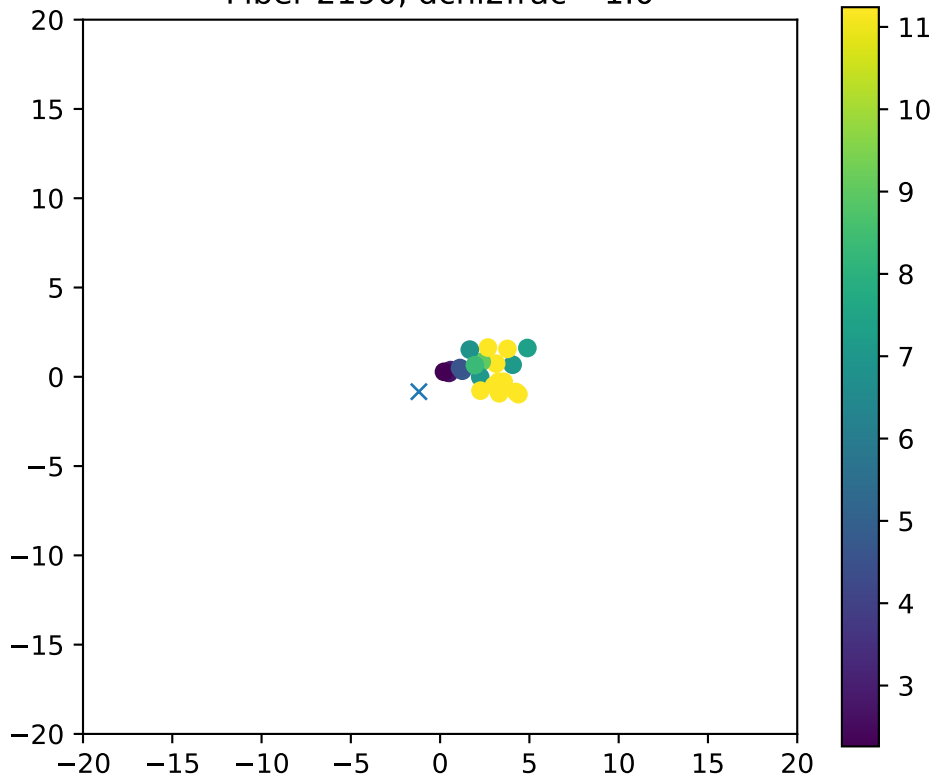
Fiber 2142, dchi2frac= 1.0



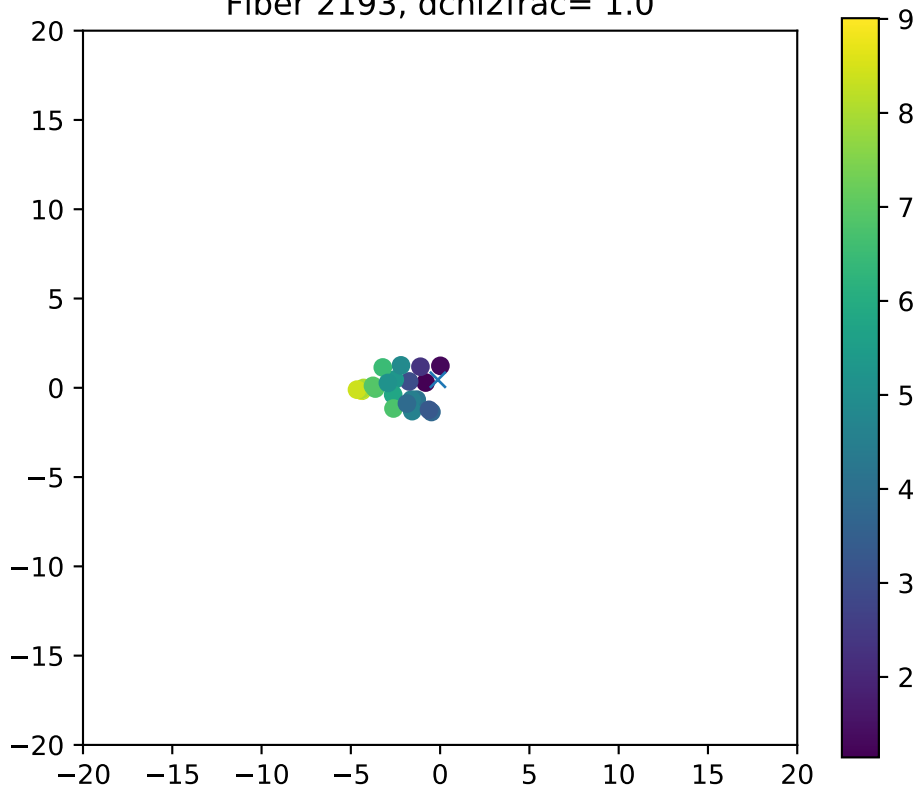
Fiber 2151, dchi2frac= 1.0



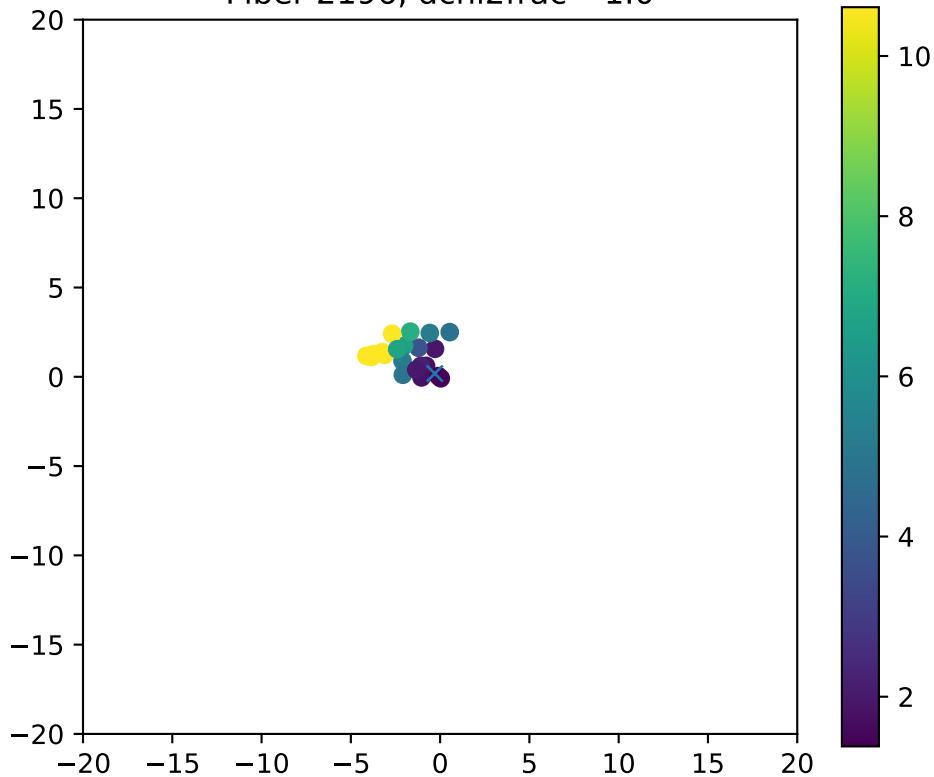
Fiber 2190, dchi2frac= 1.0



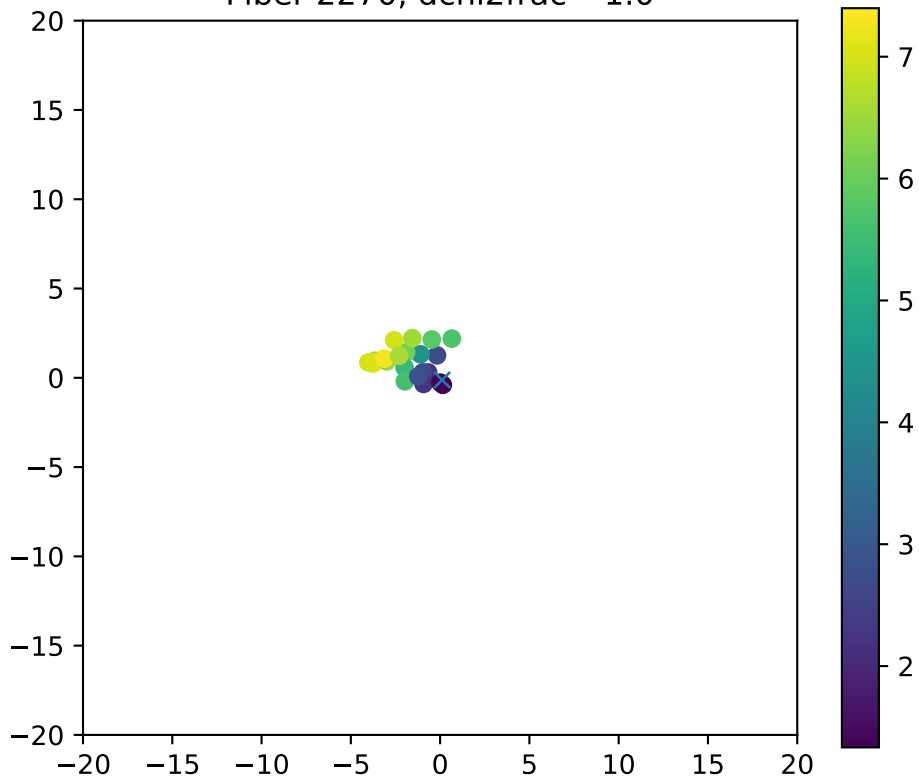
Fiber 2193, dchi2frac= 1.0



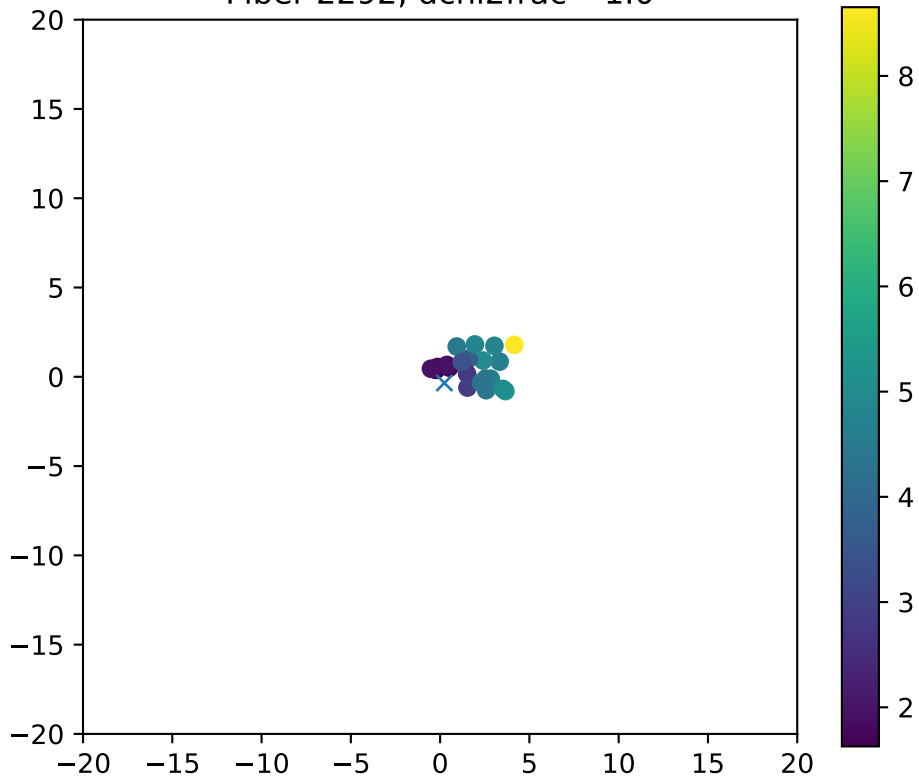
Fiber 2196, dchi2frac= 1.0



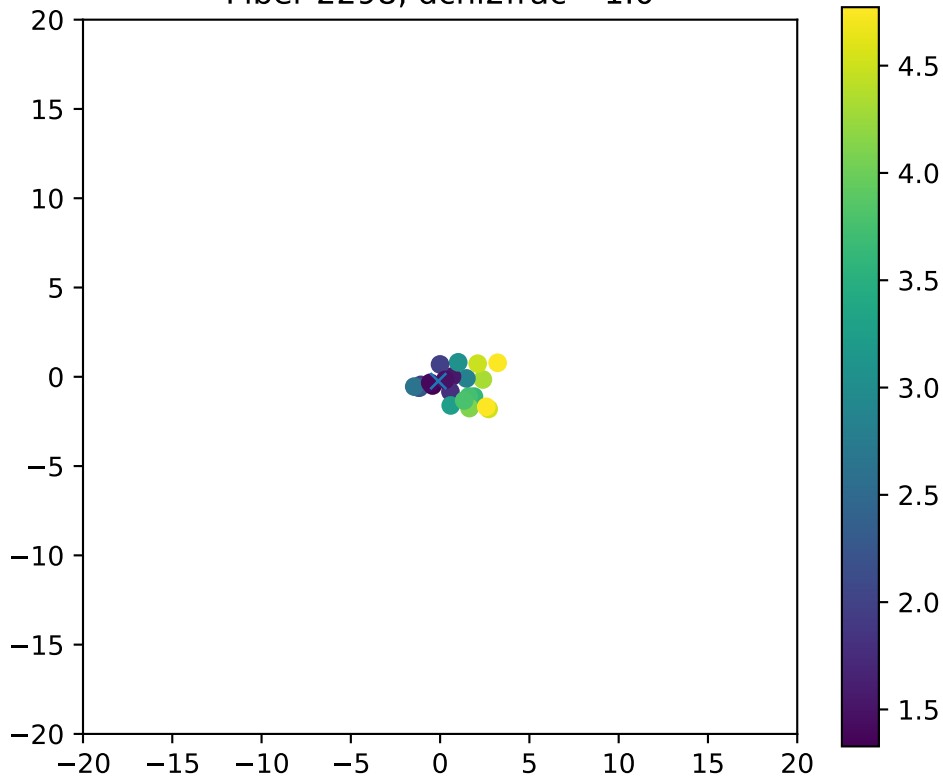
Fiber 2270, dchi2frac= 1.0



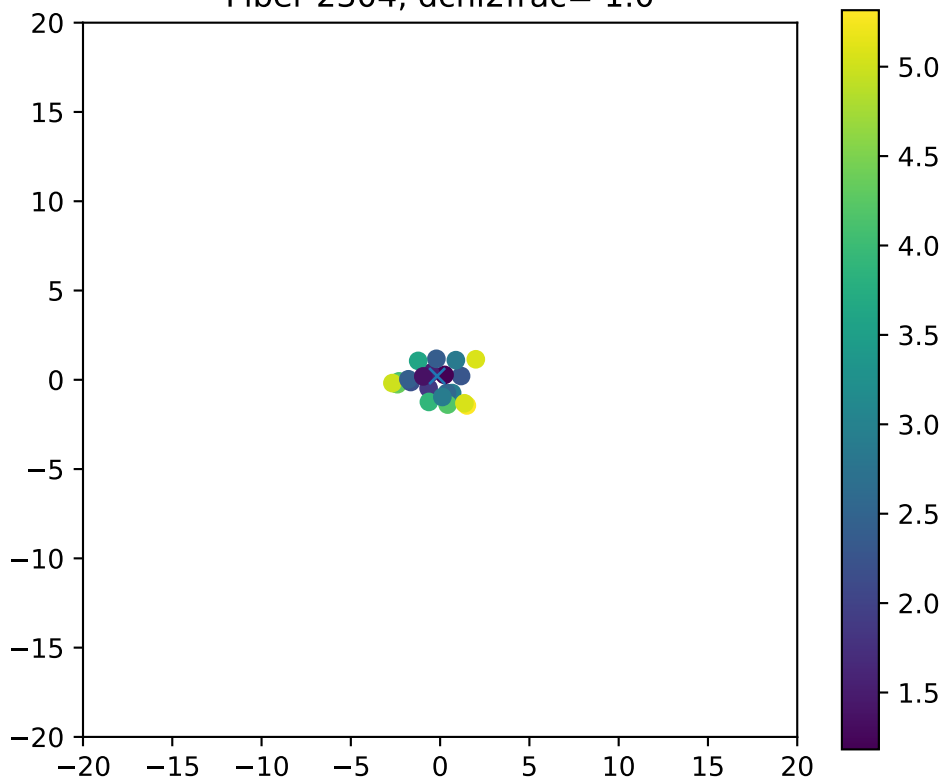
Fiber 2292, dchi2frac= 1.0



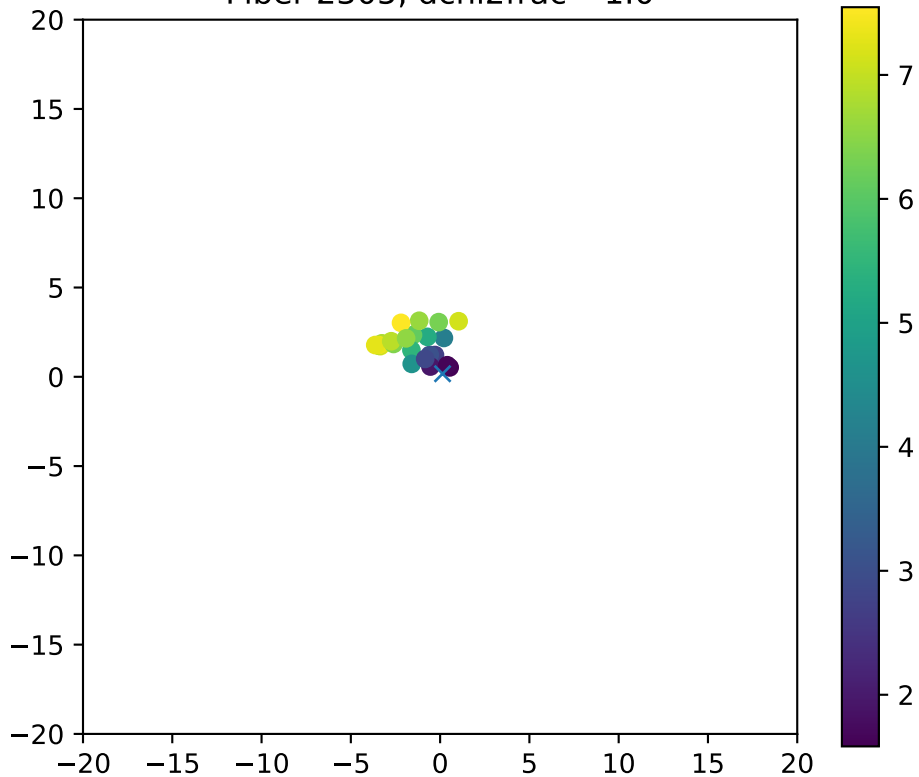
Fiber 2298, dchi2frac= 1.0



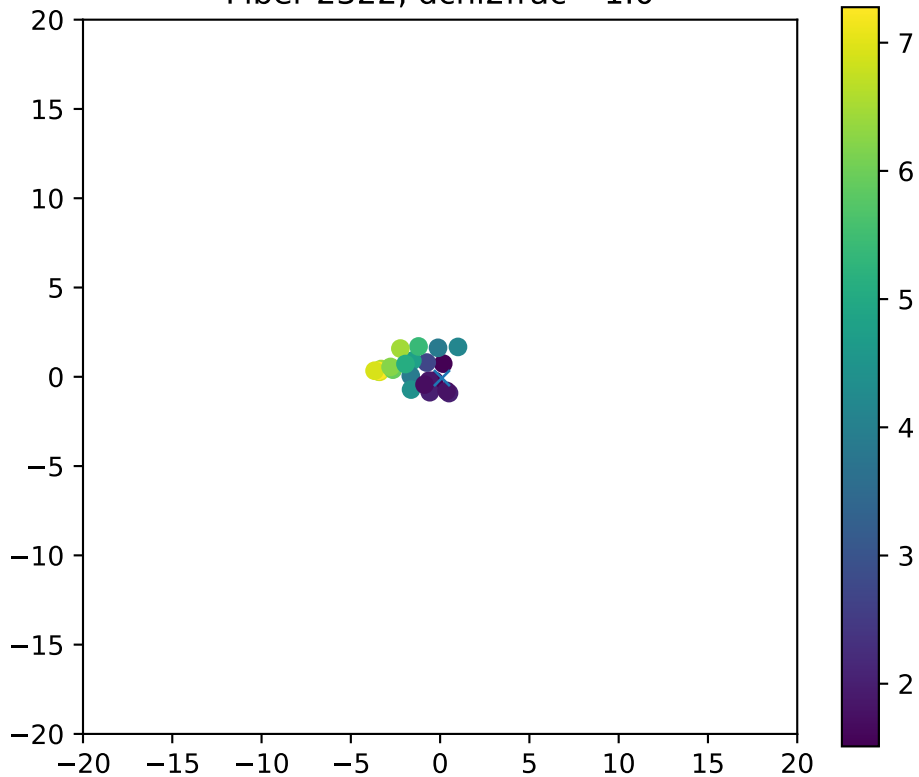
Fiber 2304, dchi2frac= 1.0



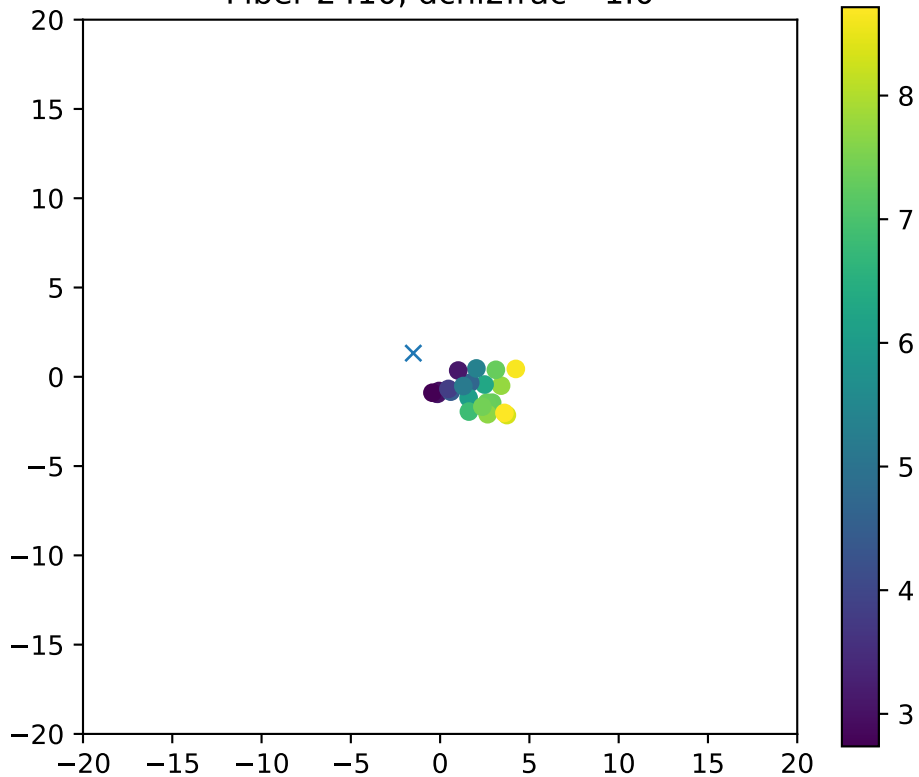
Fiber 2305, dchi2frac= 1.0



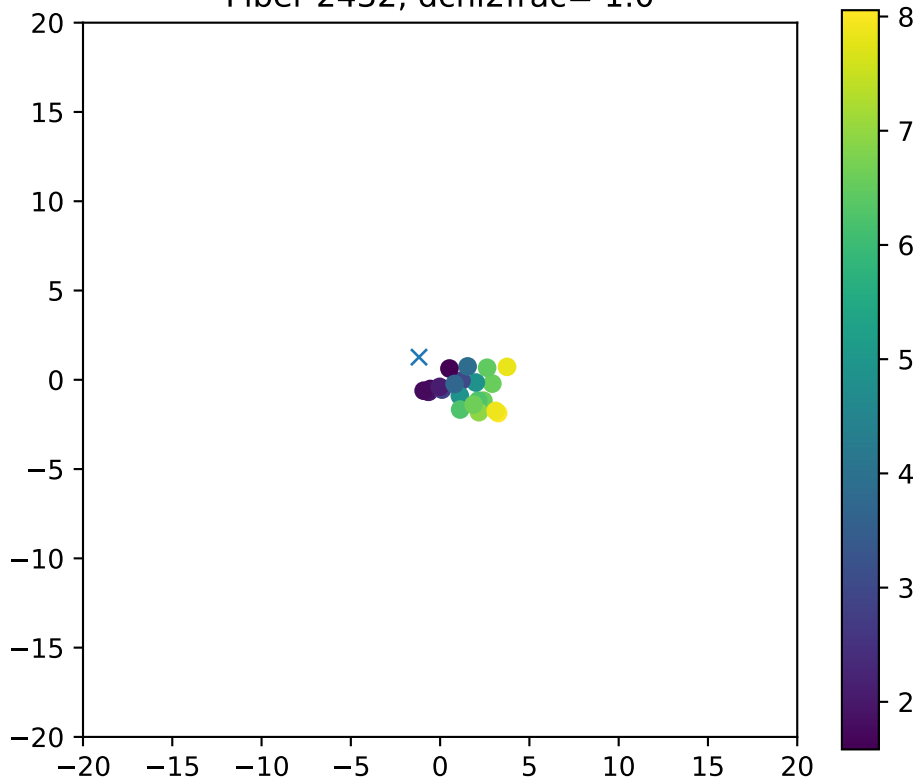
Fiber 2322, dchi2frac= 1.0



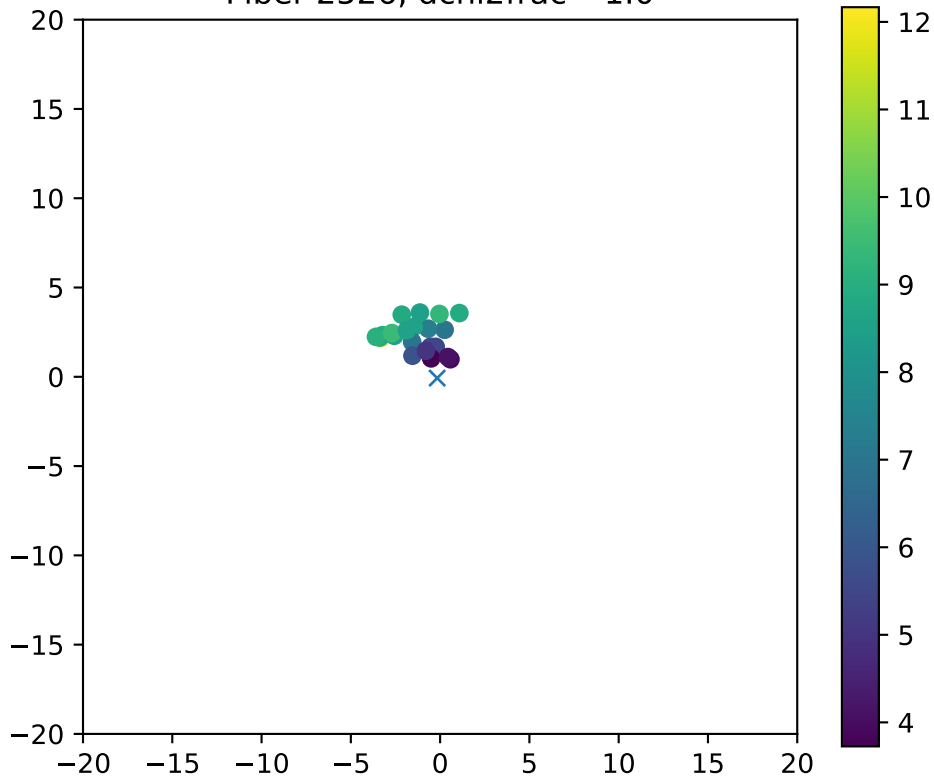
Fiber 2410, dchi2frac= 1.0



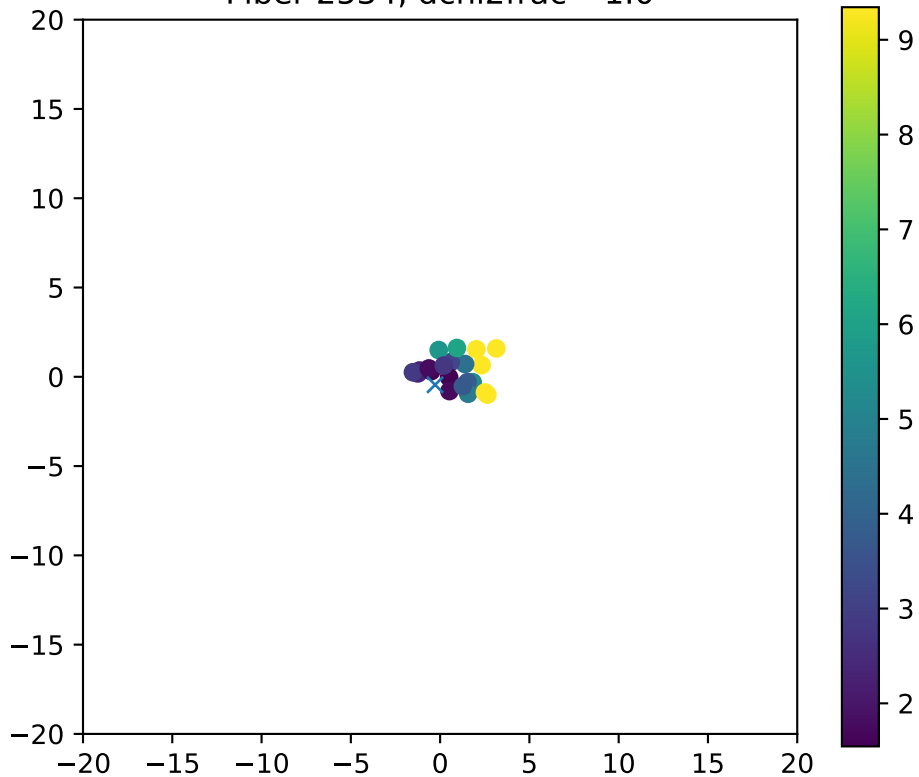
Fiber 2432, dchi2frac= 1.0



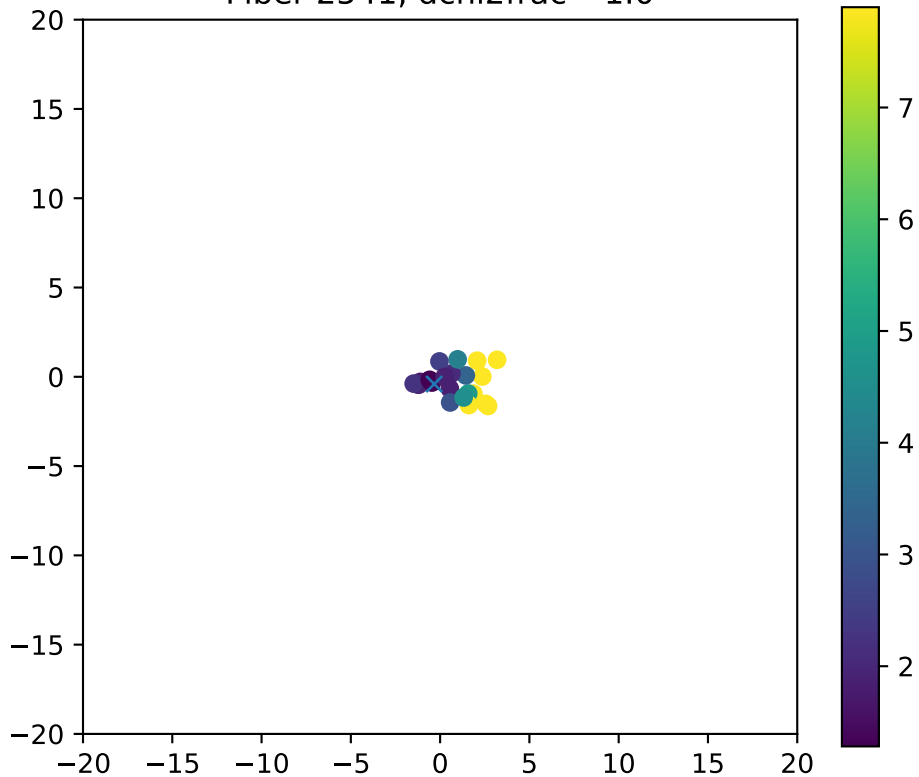
Fiber 2526, dchi2frac= 1.0



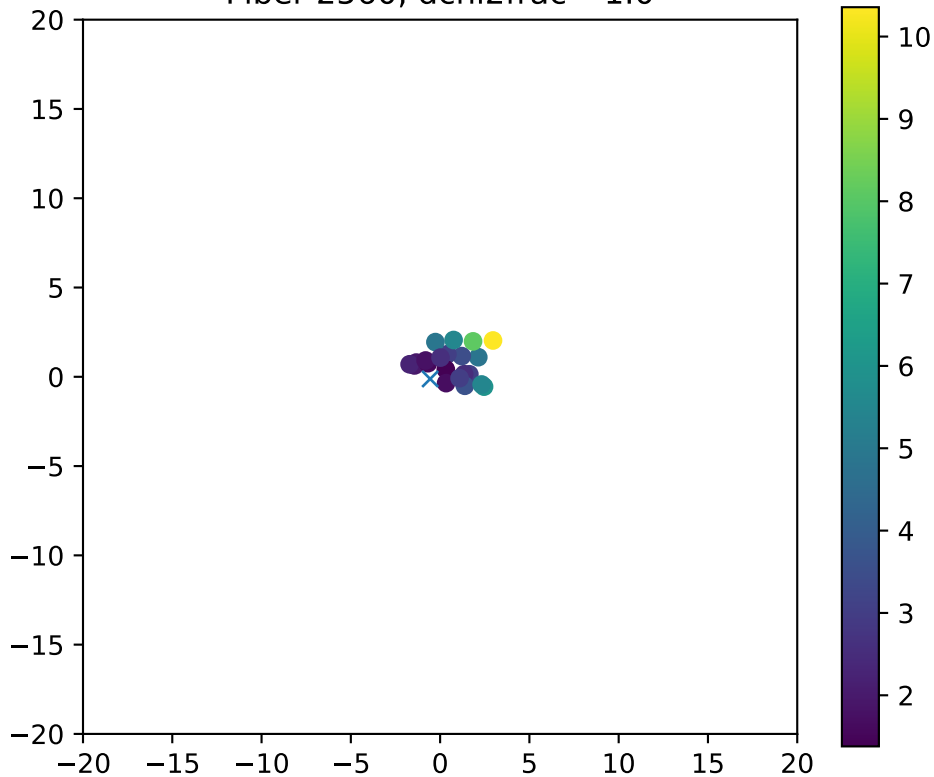
Fiber 2534, dchi2frac= 1.0



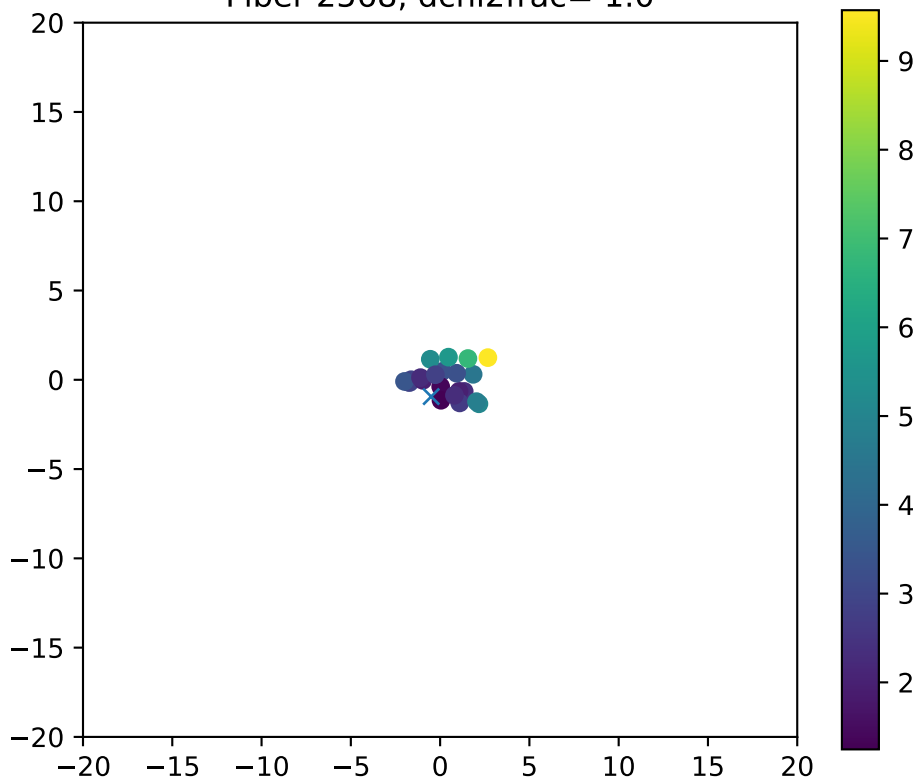
Fiber 2541, dchi2frac= 1.0



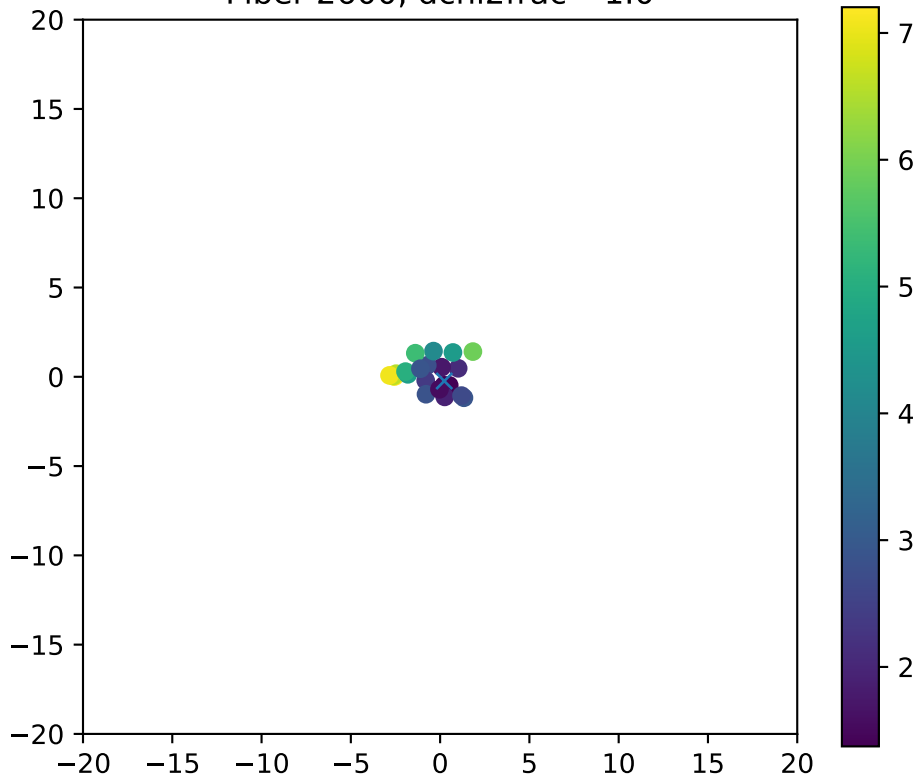
Fiber 2560, dchi2frac= 1.0



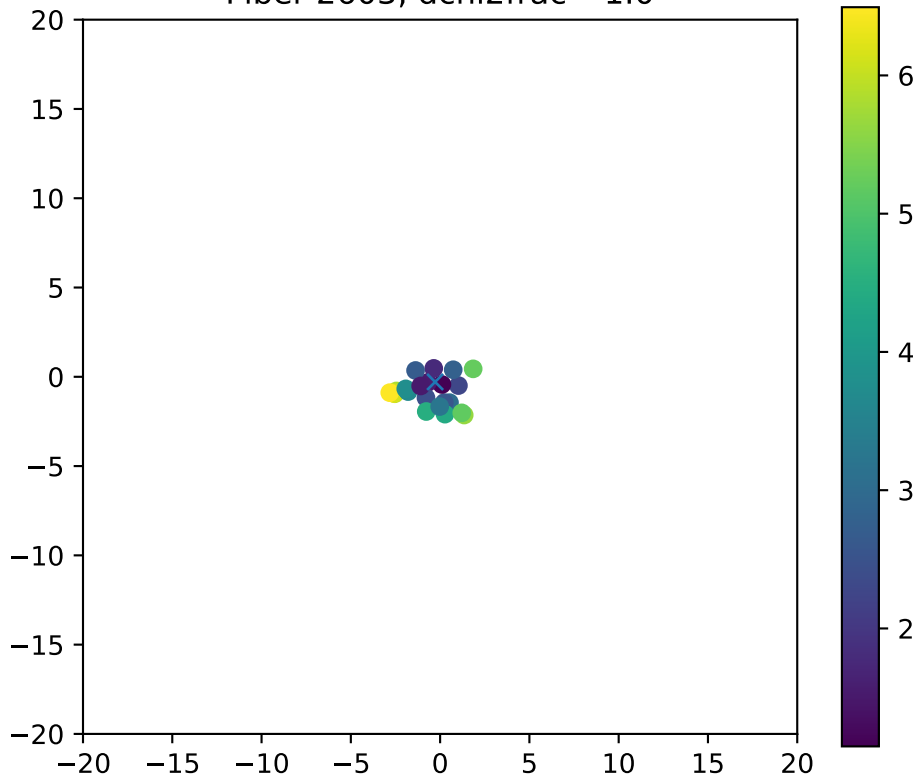
Fiber 2568, dchi2frac= 1.0



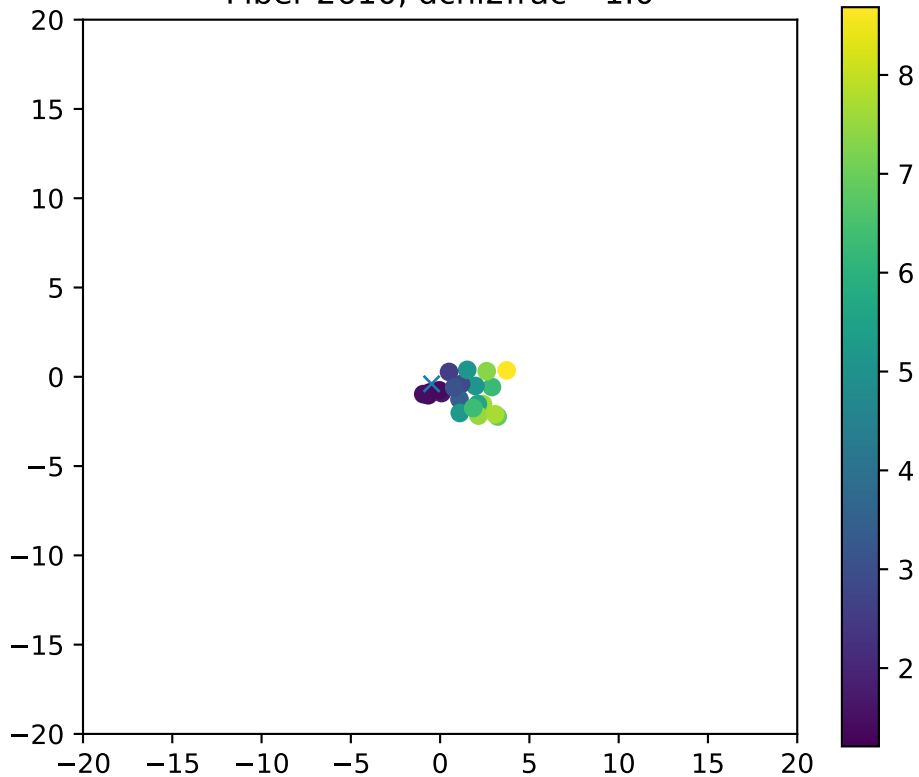
Fiber 2600, dchi2frac= 1.0



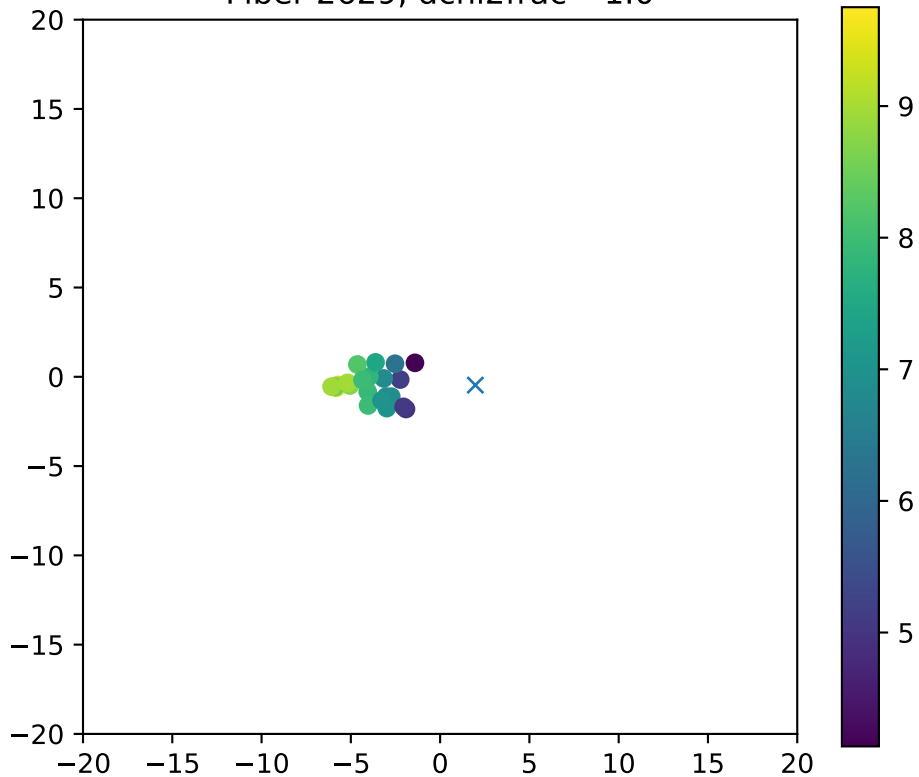
Fiber 2603, dchi2frac= 1.0



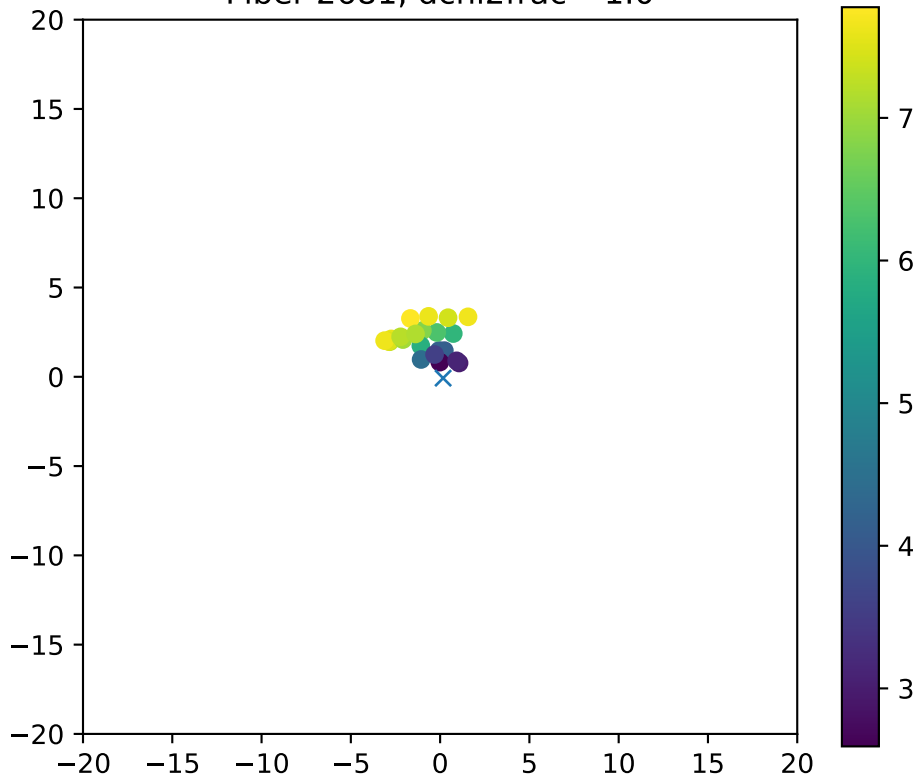
Fiber 2610, dchi2frac= 1.0



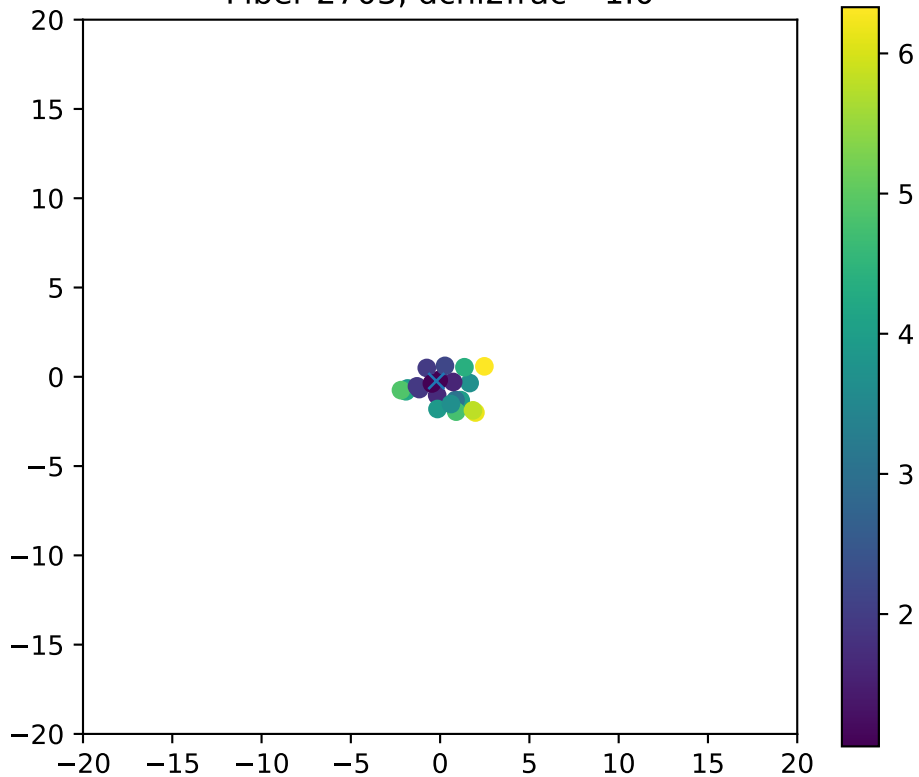
Fiber 2629, dchi2frac= 1.0



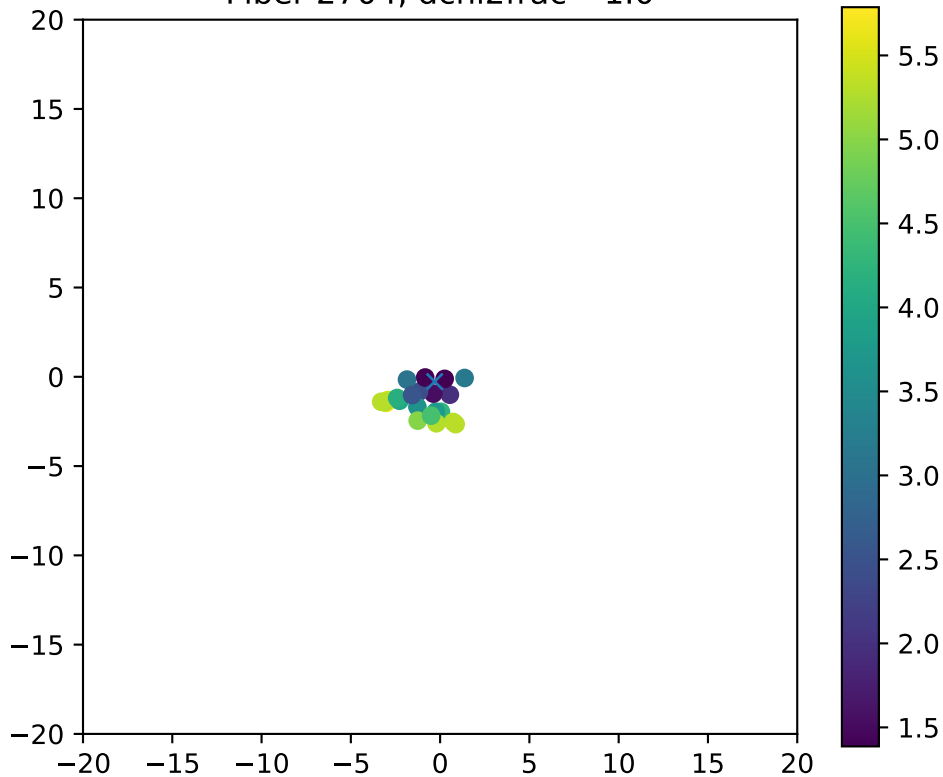
Fiber 2681, dchi2frac= 1.0



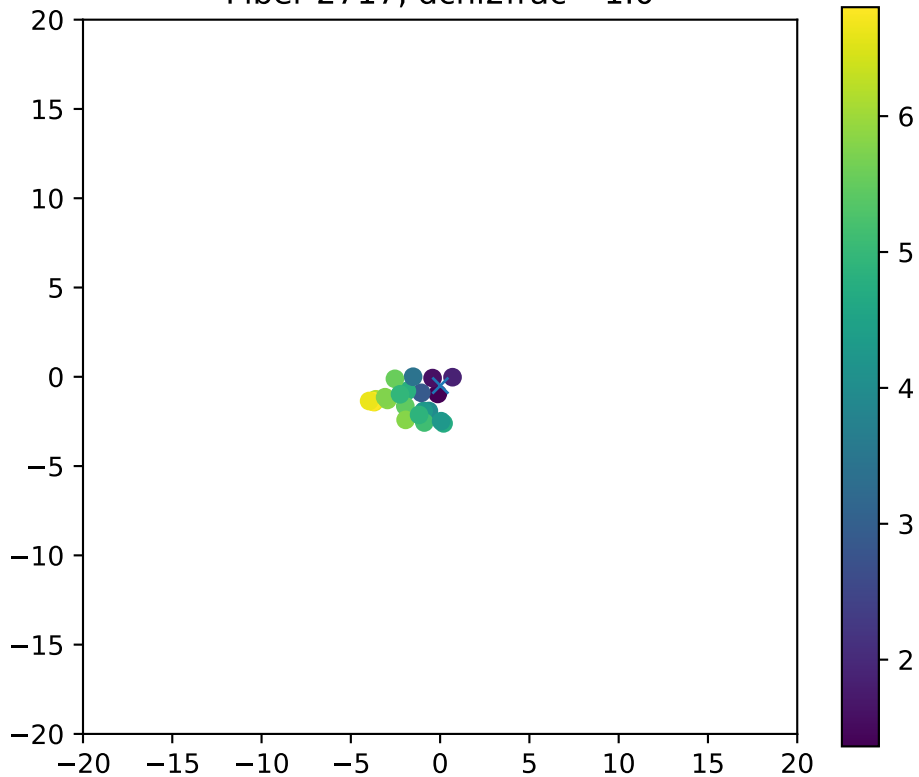
Fiber 2703, dchi2frac= 1.0



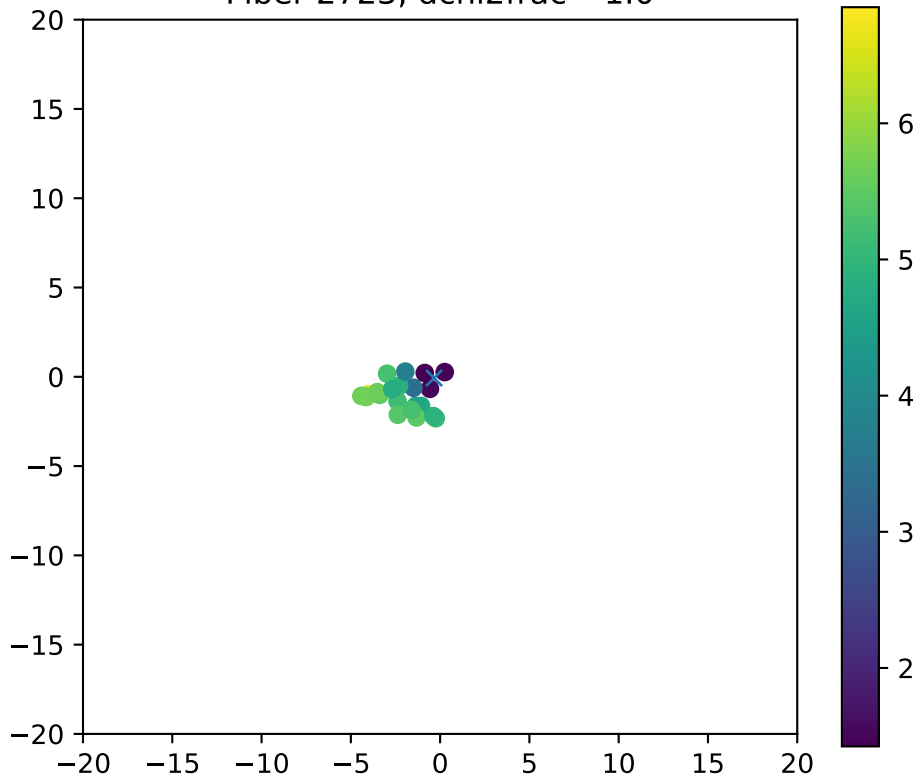
Fiber 2704, dchi2frac= 1.0



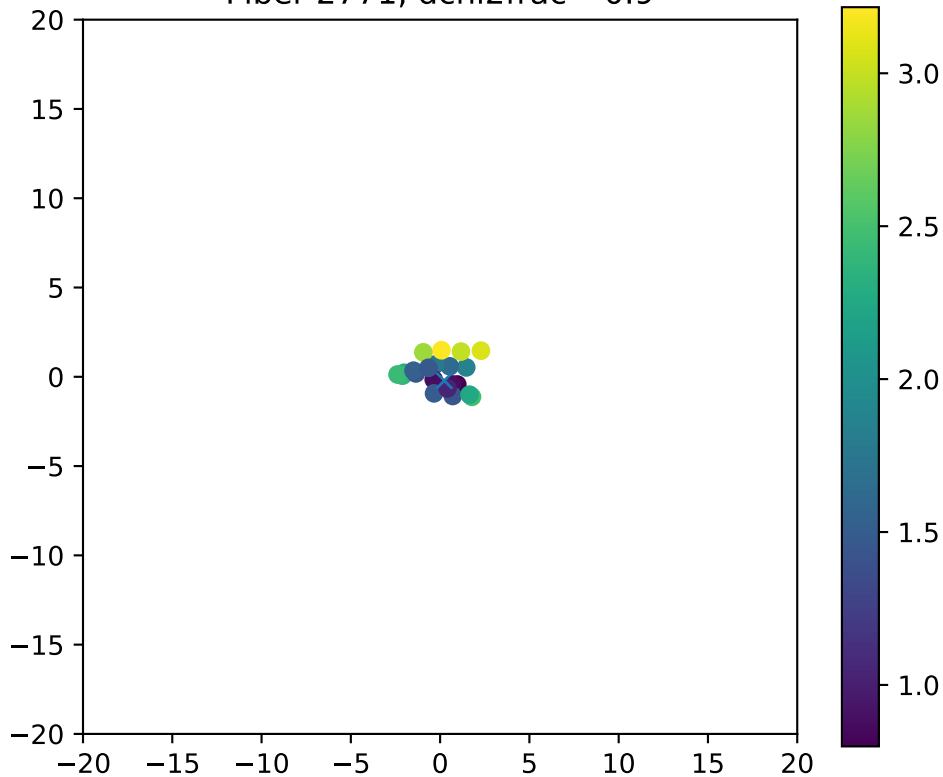
Fiber 2717, dchi2frac= 1.0



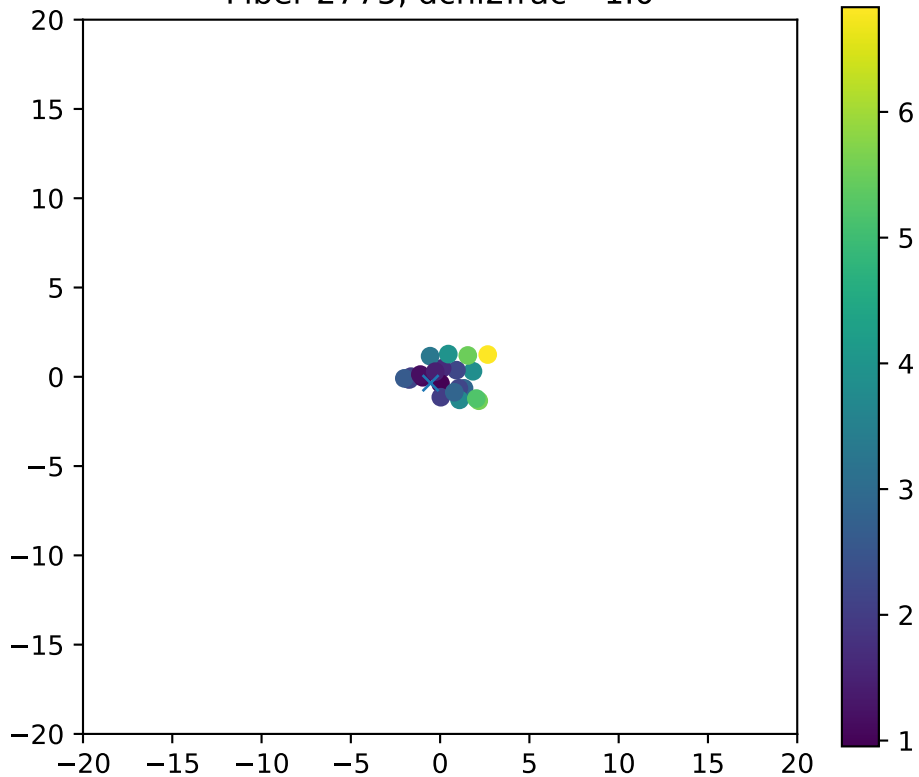
Fiber 2723, dchi2frac= 1.0



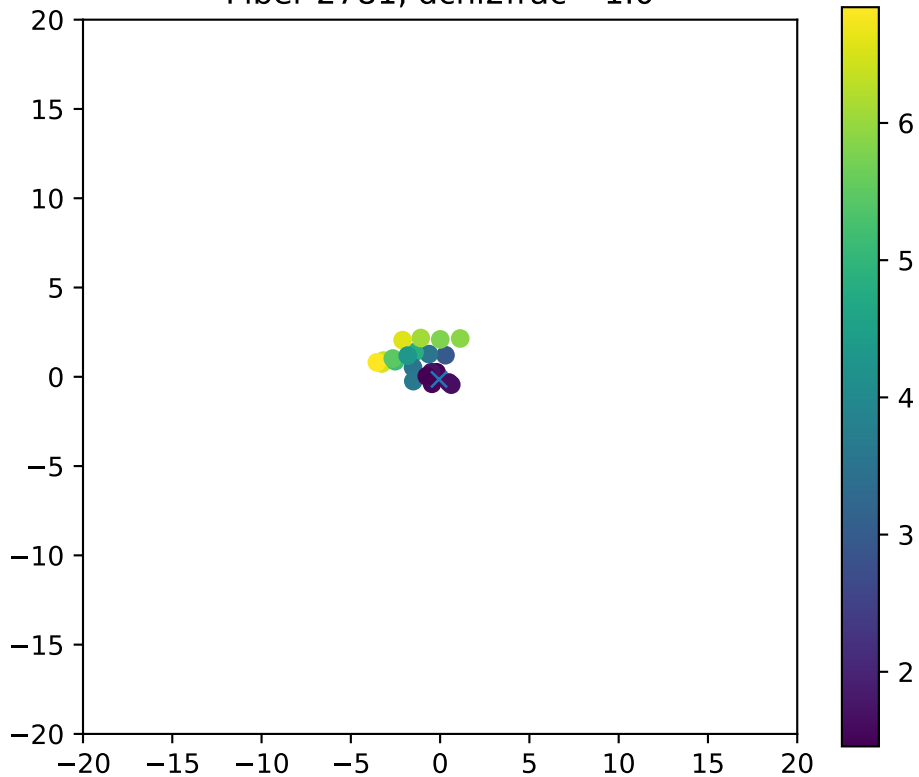
Fiber 2771, dchi2frac= 0.9



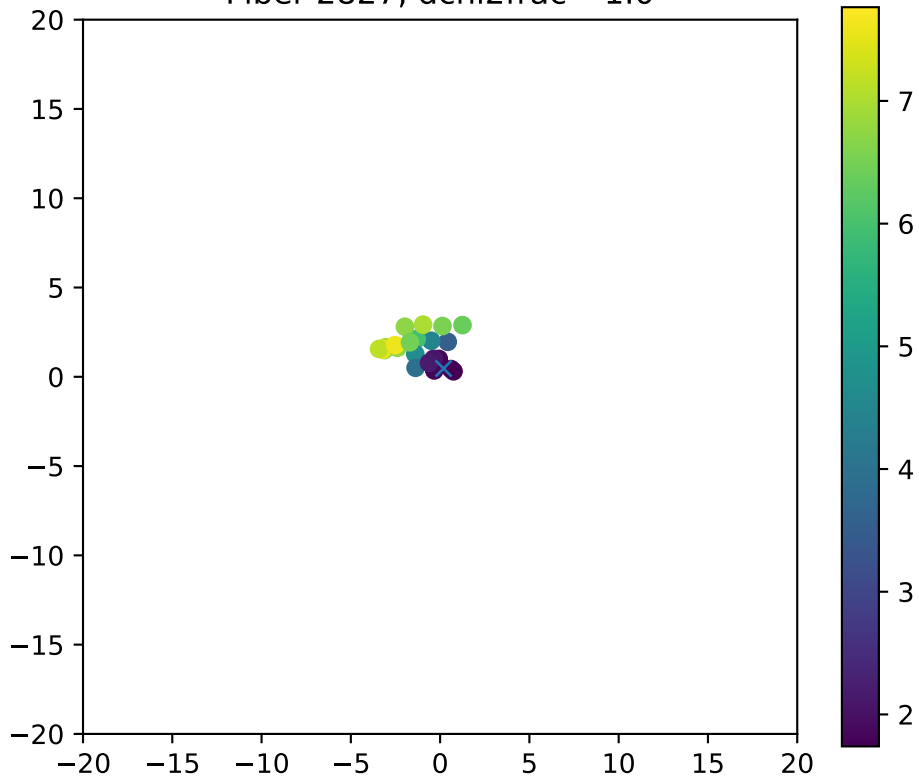
Fiber 2775, dchi2frac= 1.0



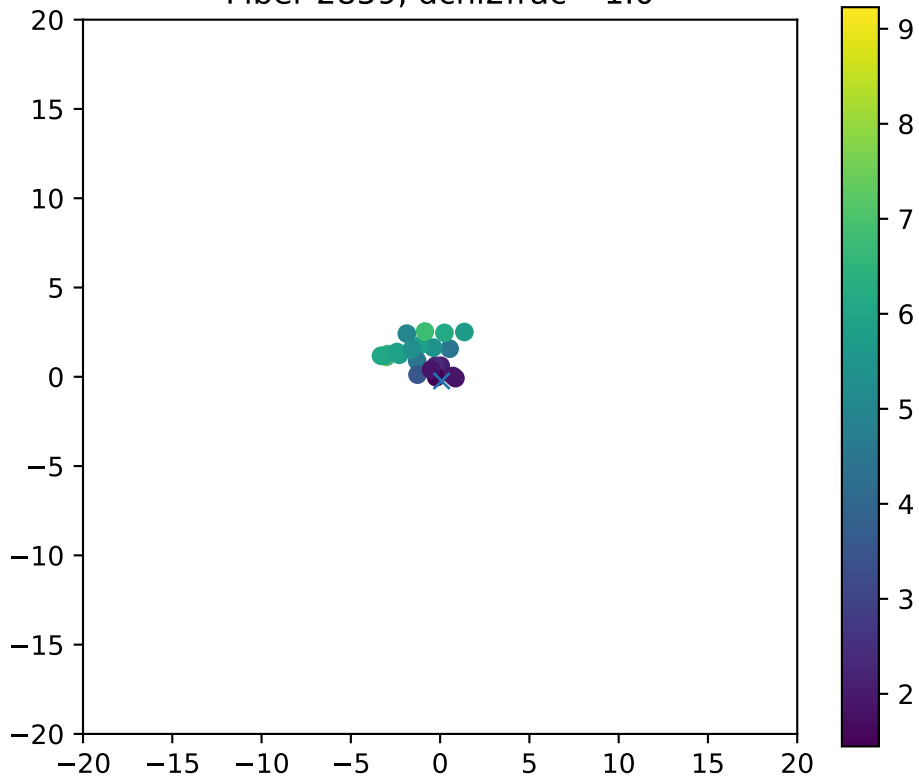
Fiber 2781, dchi2frac= 1.0



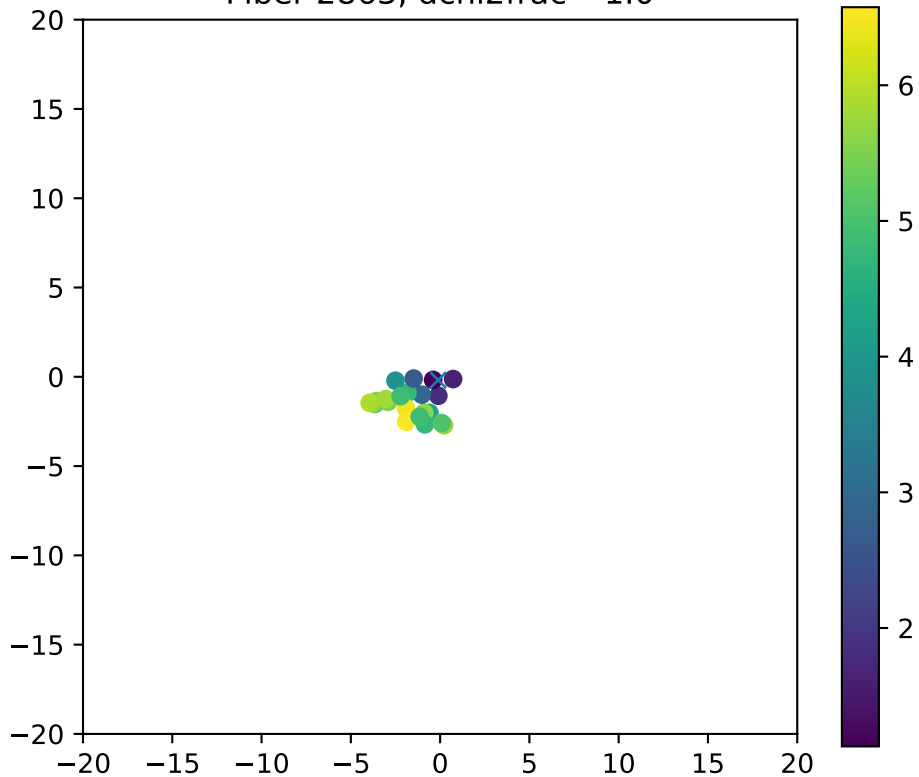
Fiber 2827, dchi2frac= 1.0



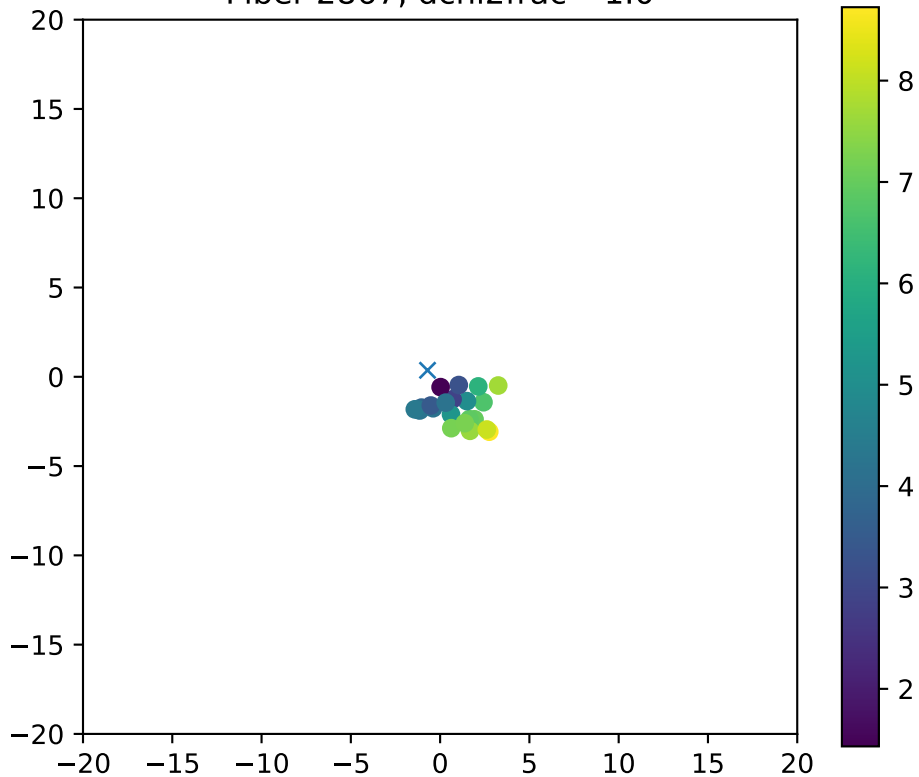
Fiber 2859, dchi2frac= 1.0



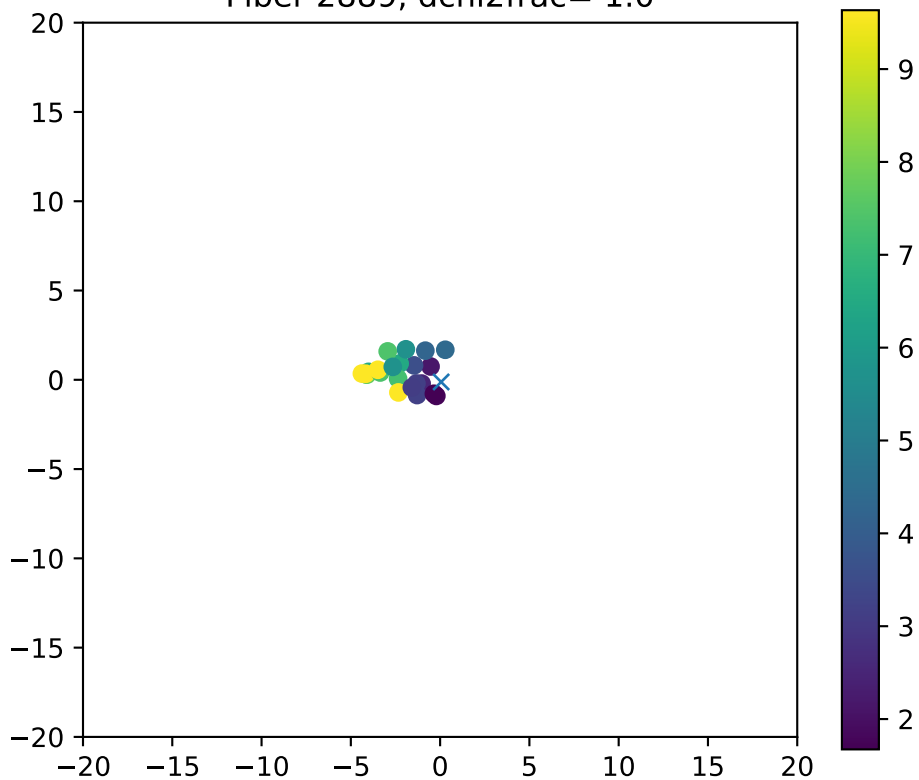
Fiber 2863, dchi2frac= 1.0



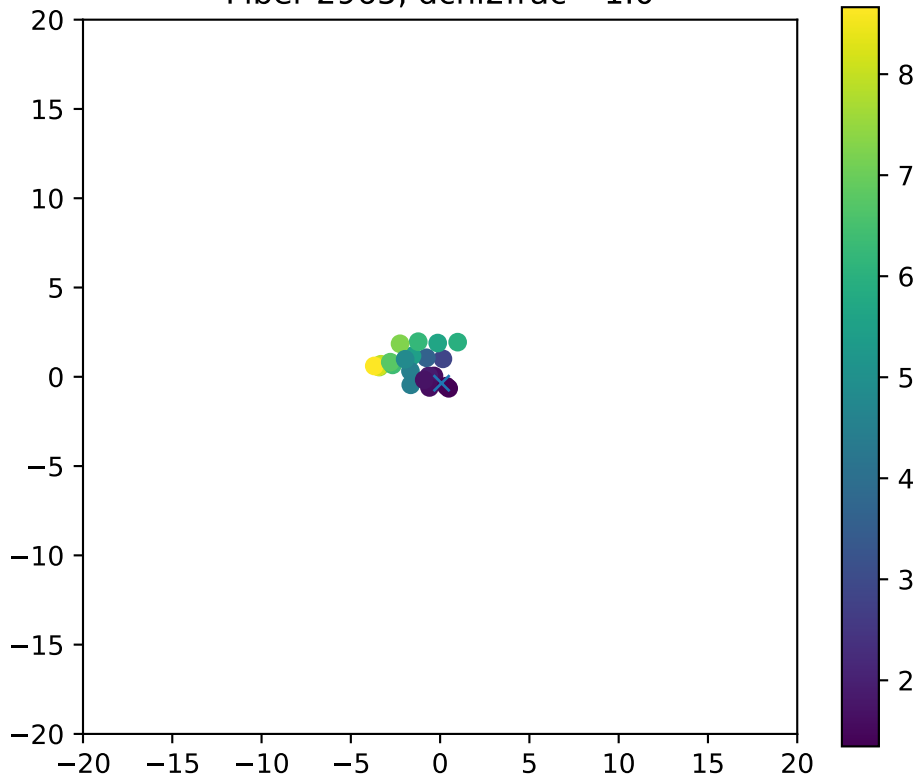
Fiber 2867, dchi2frac= 1.0



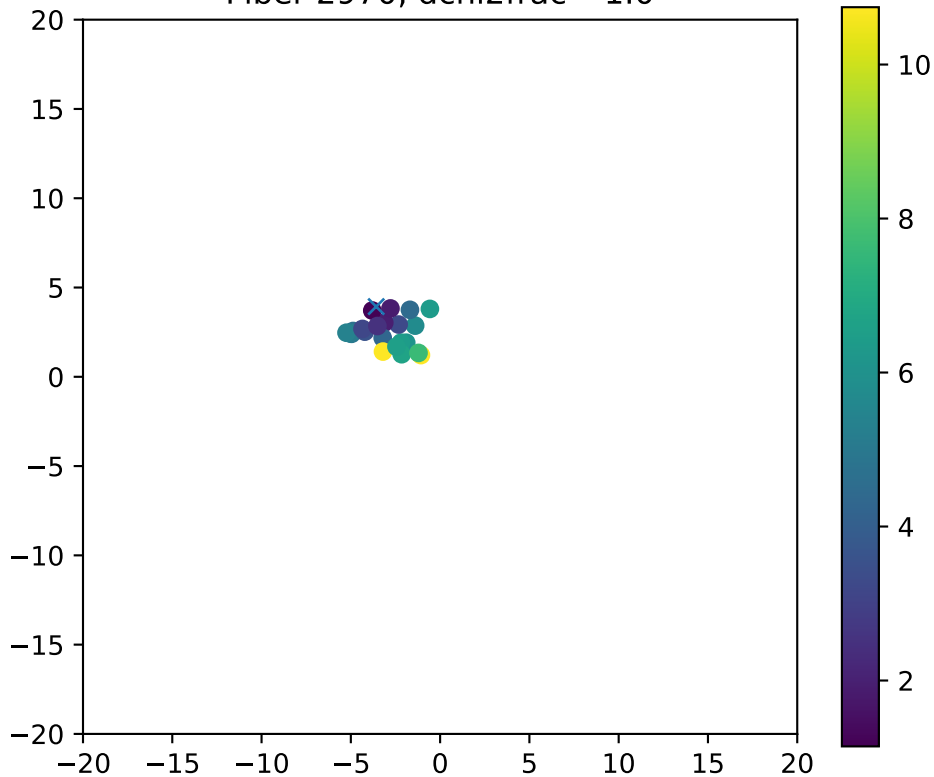
Fiber 2889, dchi2frac= 1.0



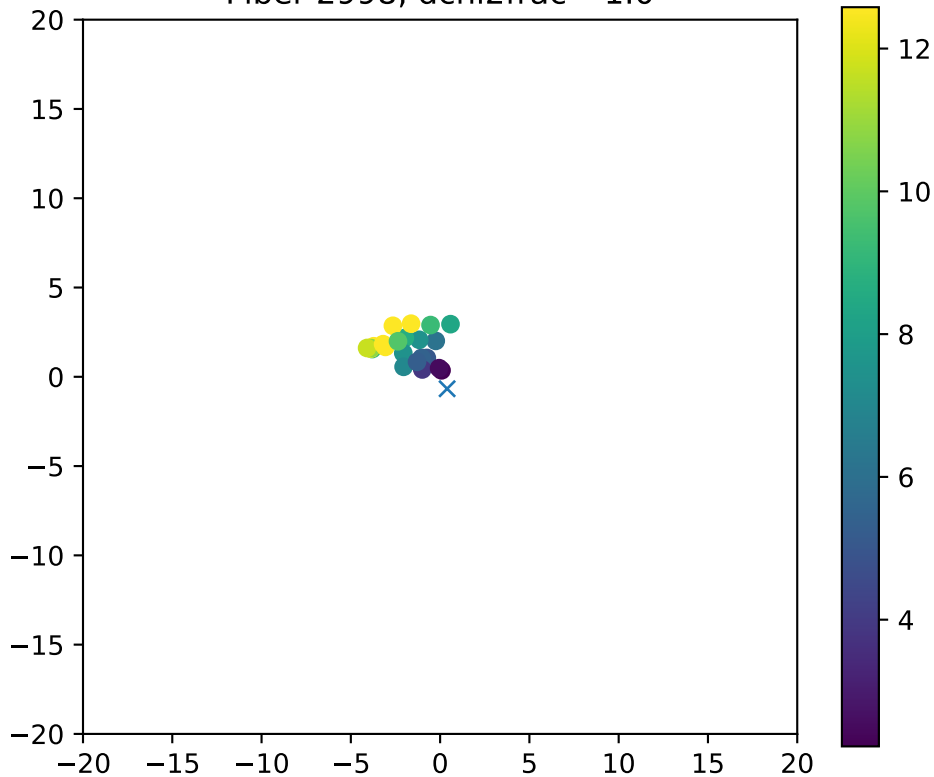
Fiber 2965, dchi2frac= 1.0



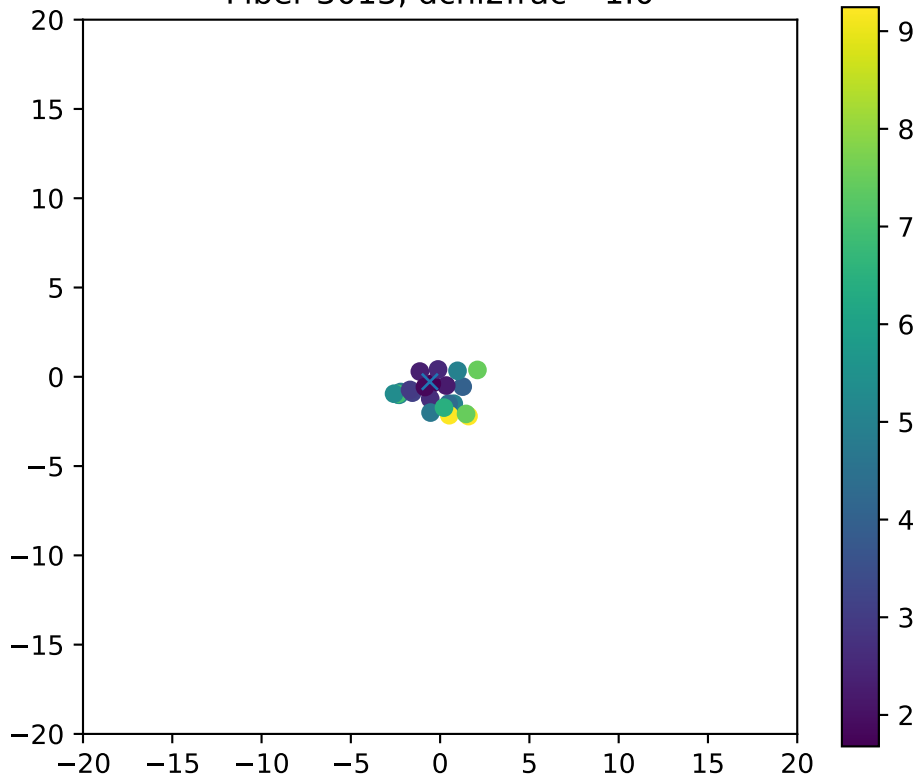
Fiber 2970, dchi2frac= 1.0



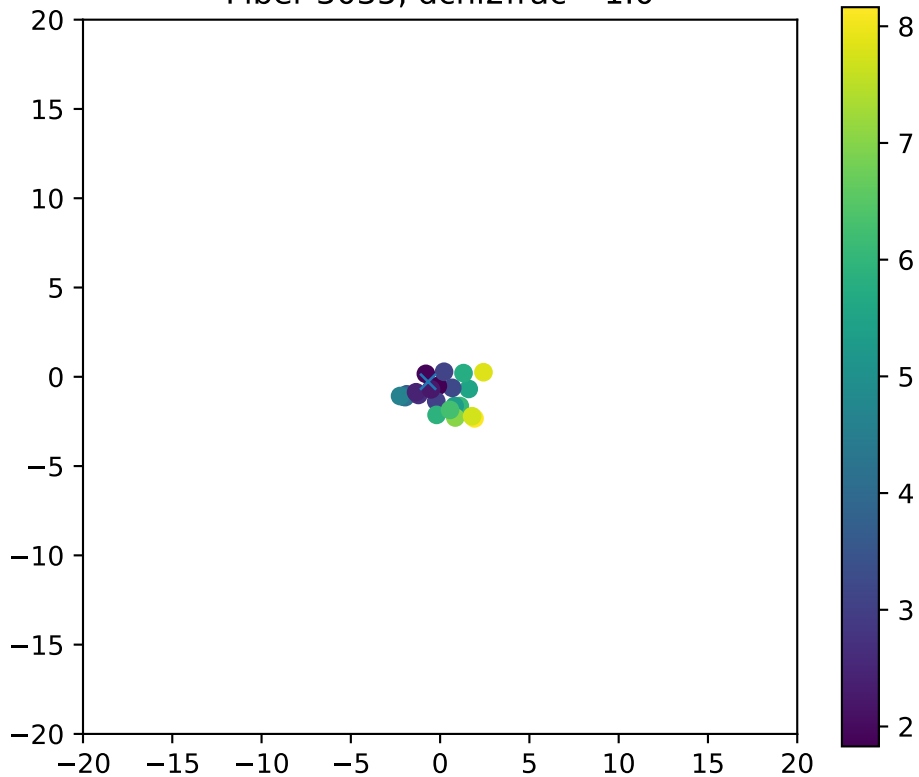
Fiber 2998, dchi2frac= 1.0



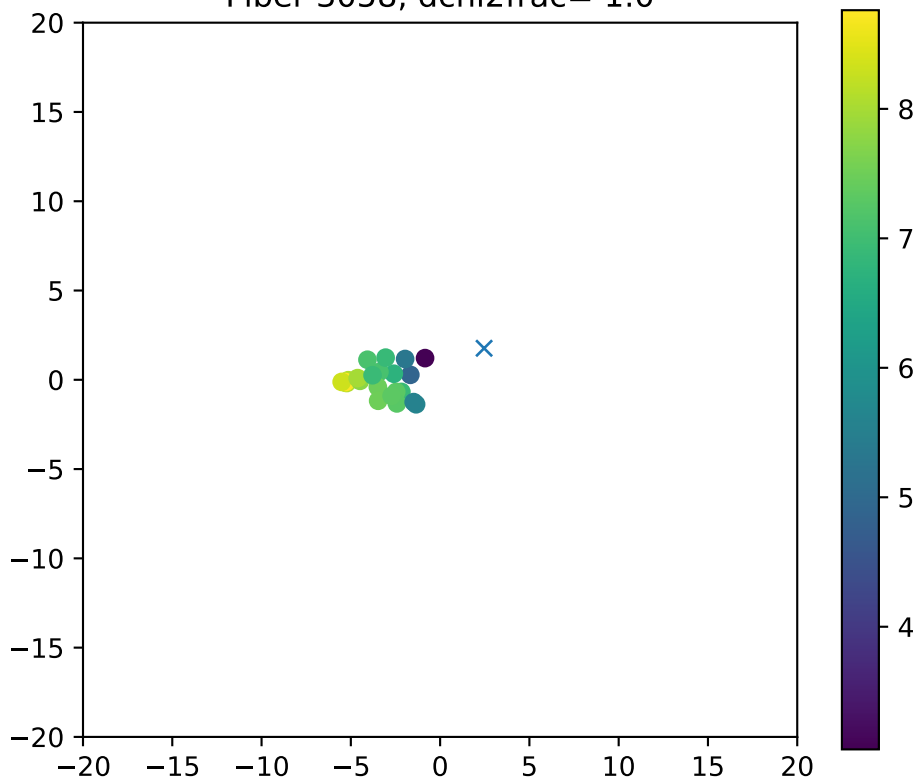
Fiber 3013, dchi2frac= 1.0



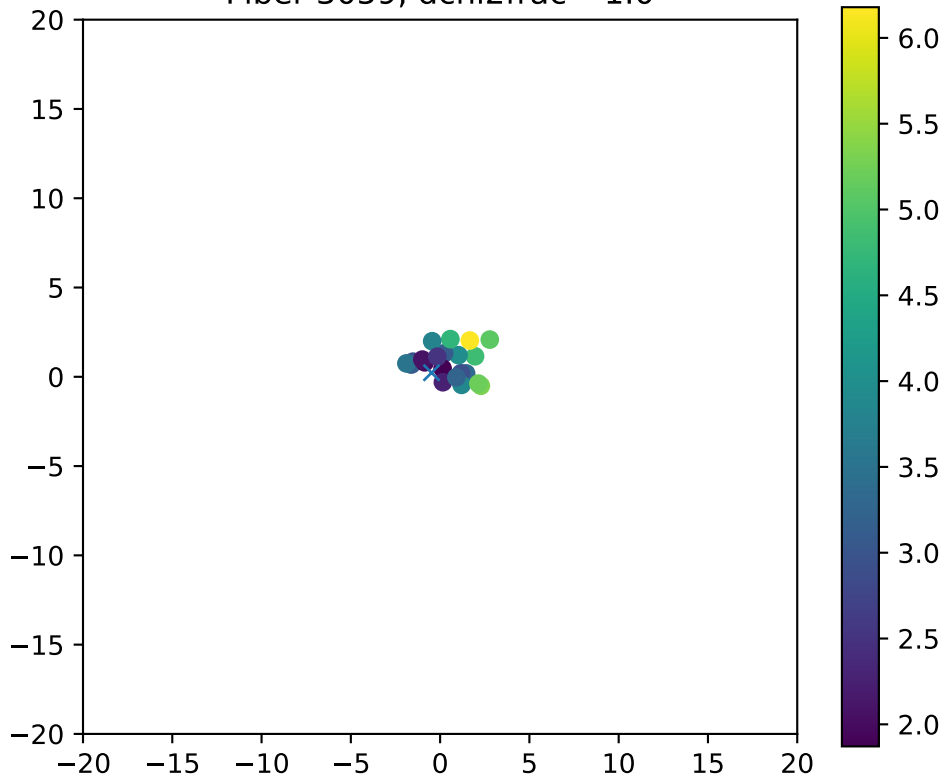
Fiber 3035, dchi2frac= 1.0



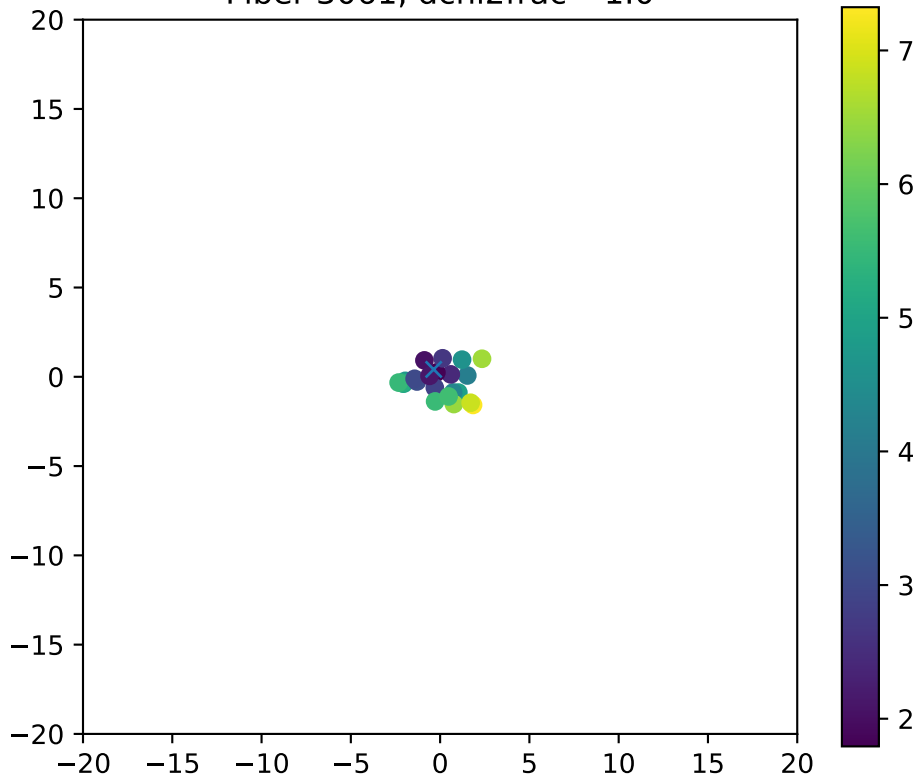
Fiber 3058, dchi2frac= 1.0



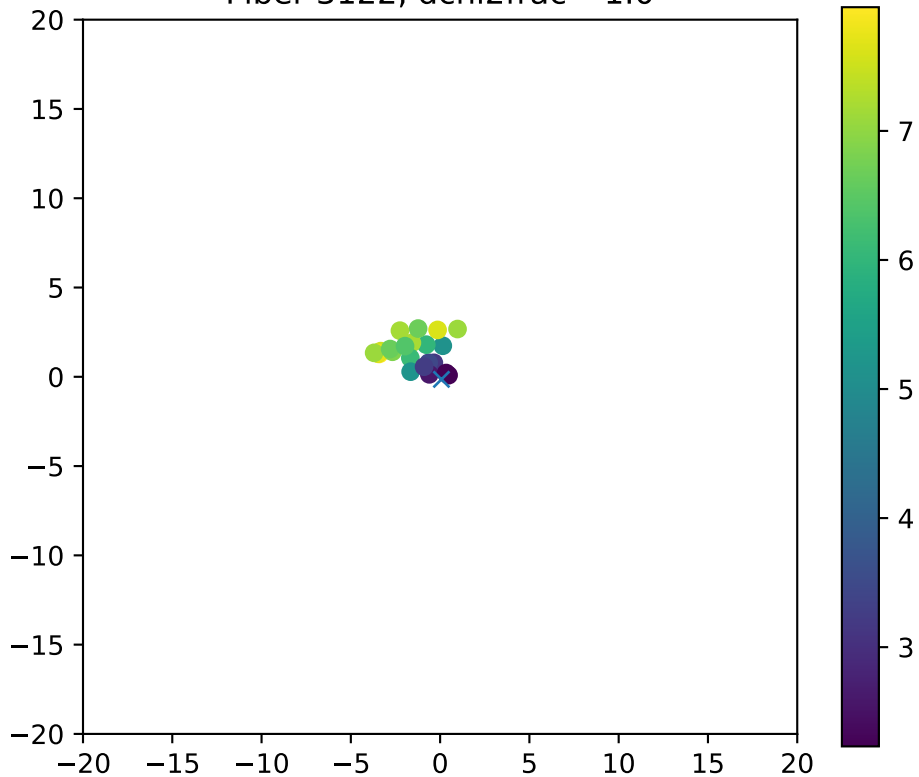
Fiber 3059, dchi2frac= 1.0



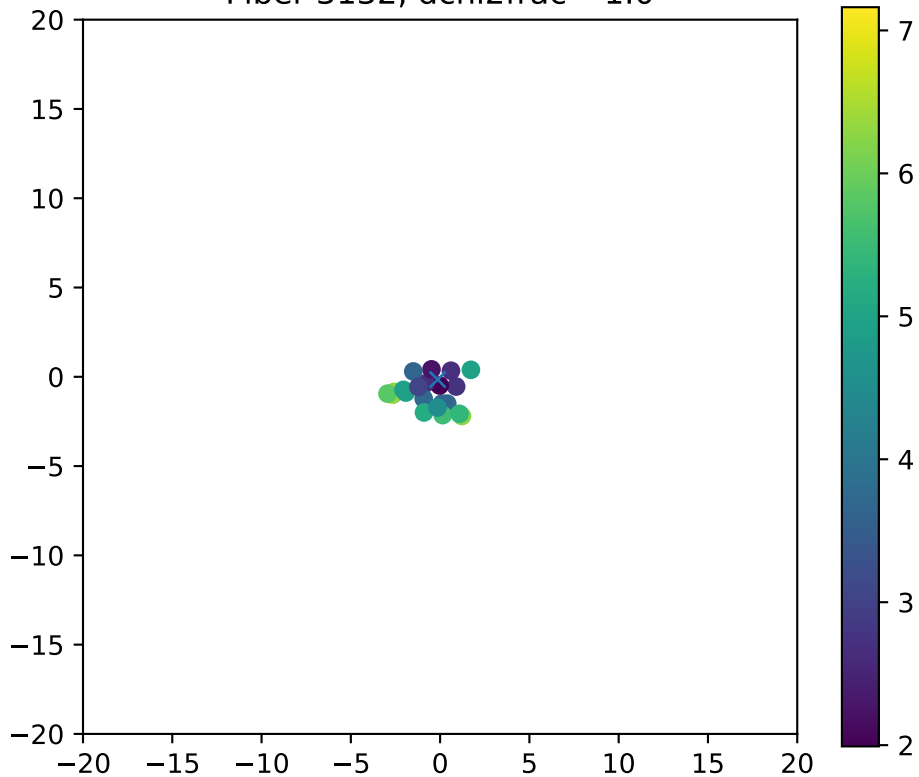
Fiber 3061, dchi2frac= 1.0



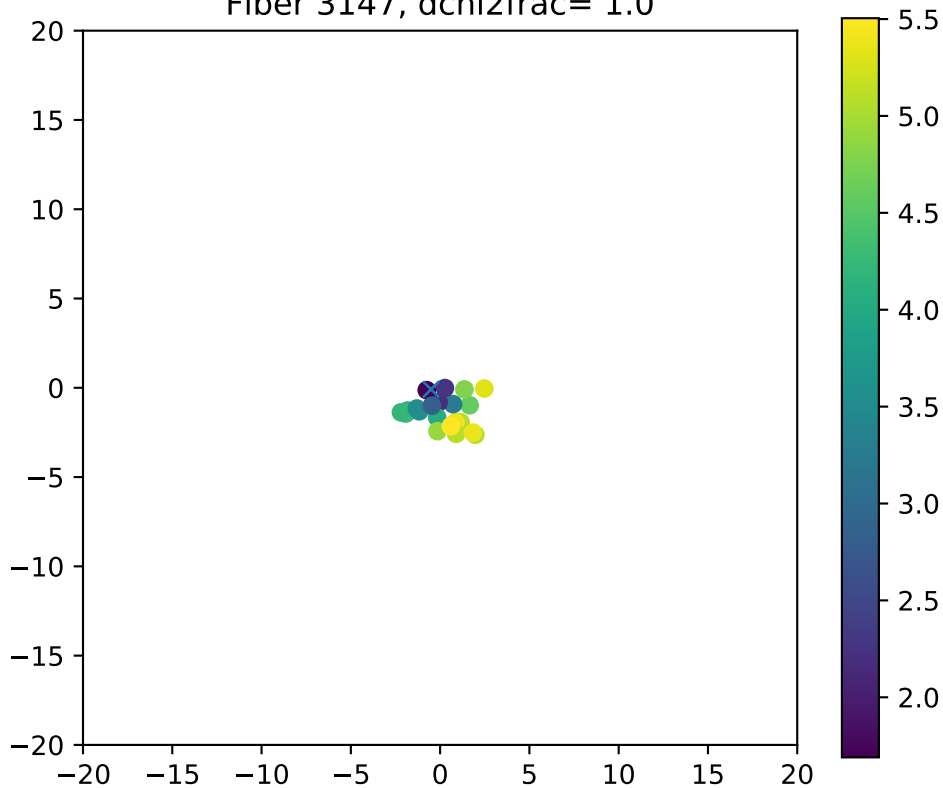
Fiber 3122, dchi2frac= 1.0



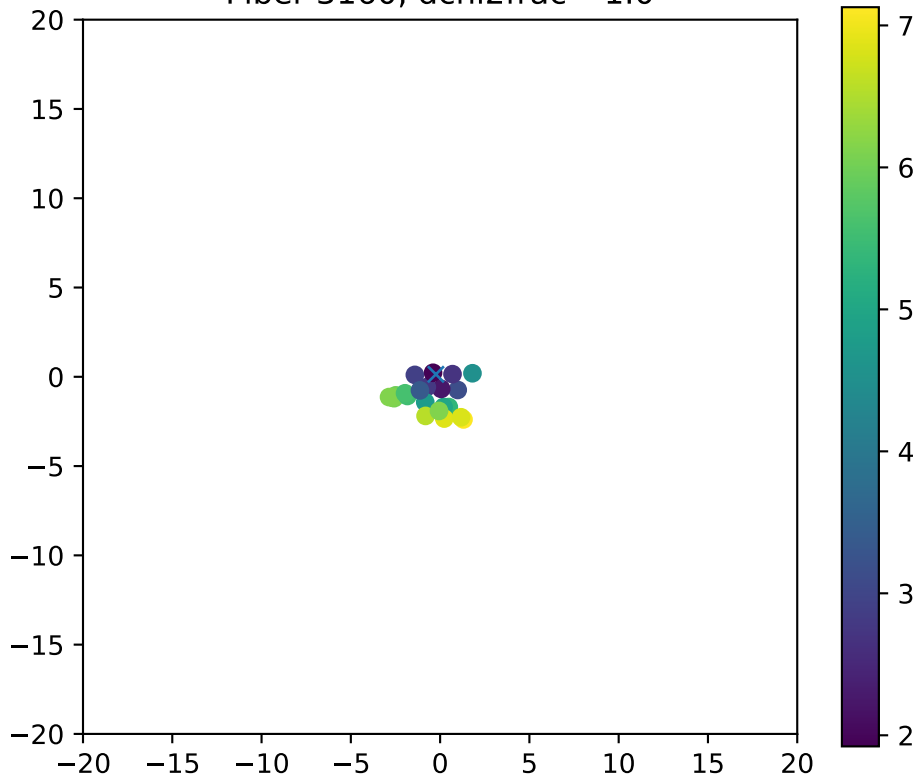
Fiber 3132, dchi2frac= 1.0



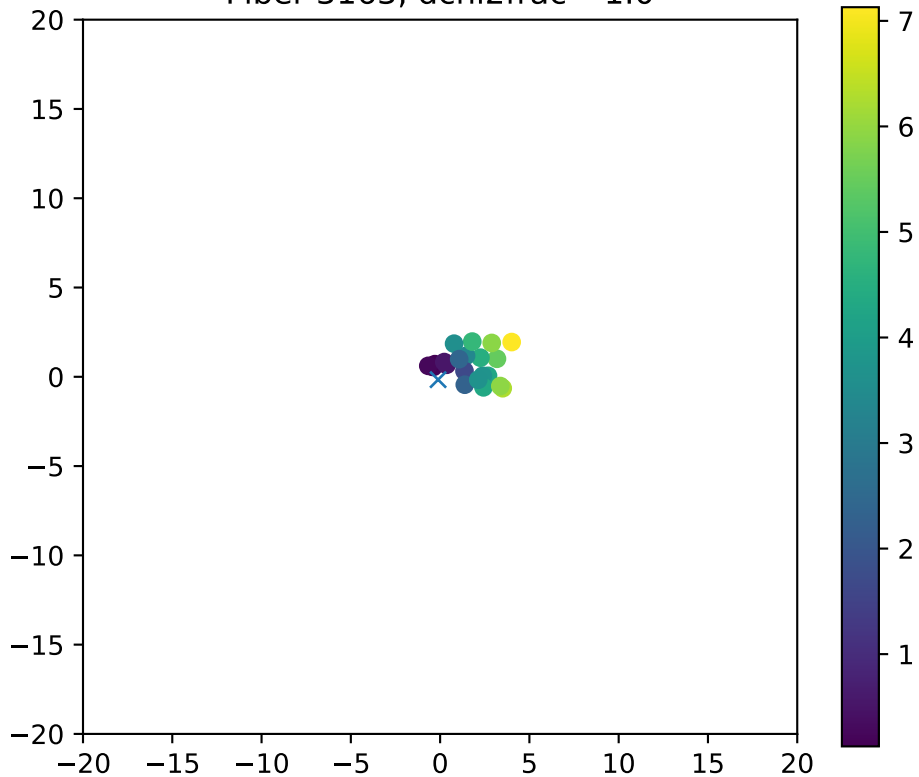
Fiber 3147, dchi2frac= 1.0



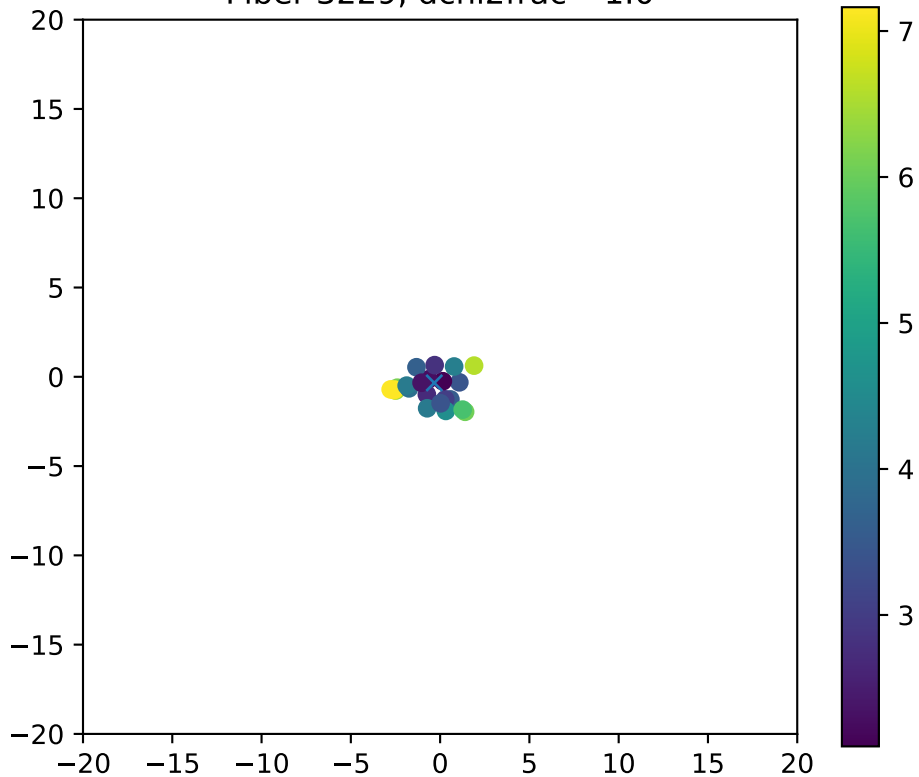
Fiber 3160, dchi2frac= 1.0



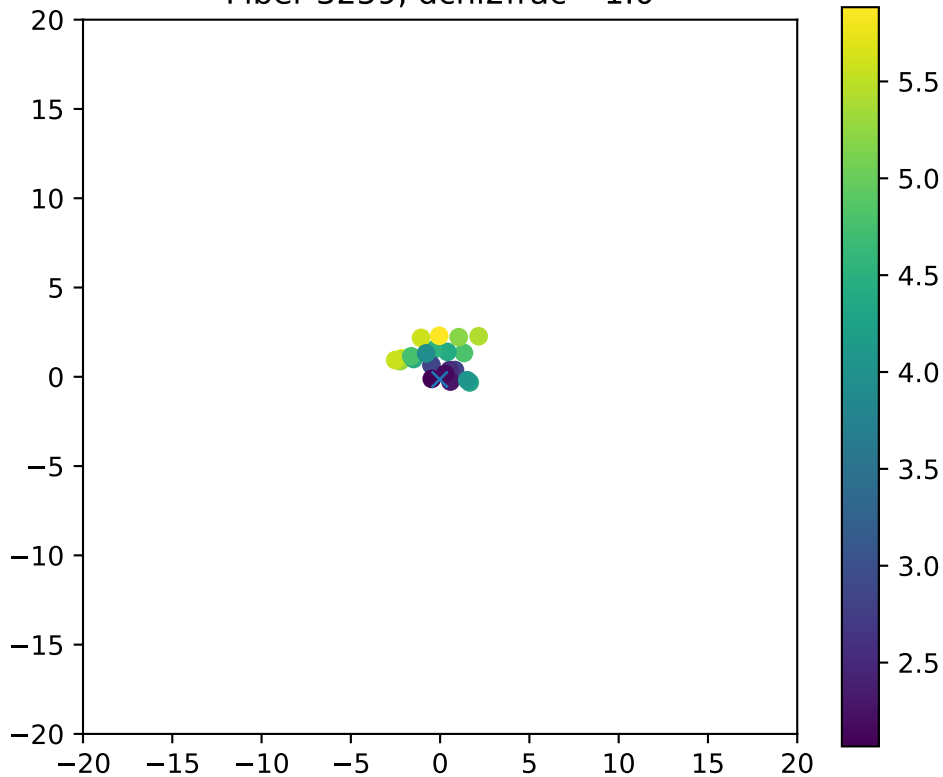
Fiber 3163, dchi2frac= 1.0



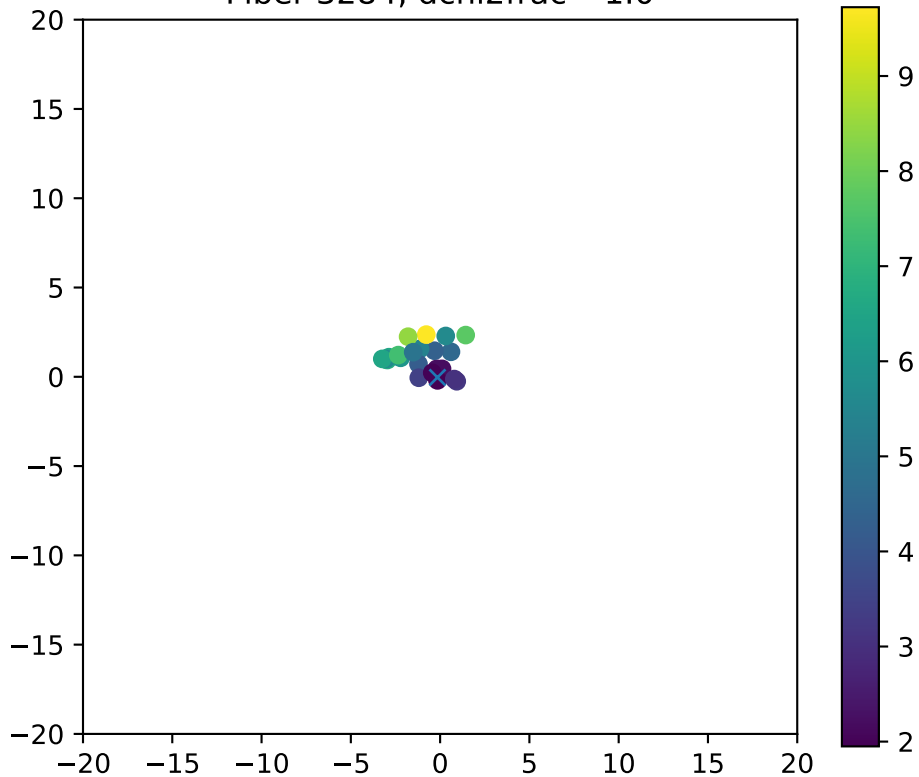
Fiber 3229, dchi2frac= 1.0



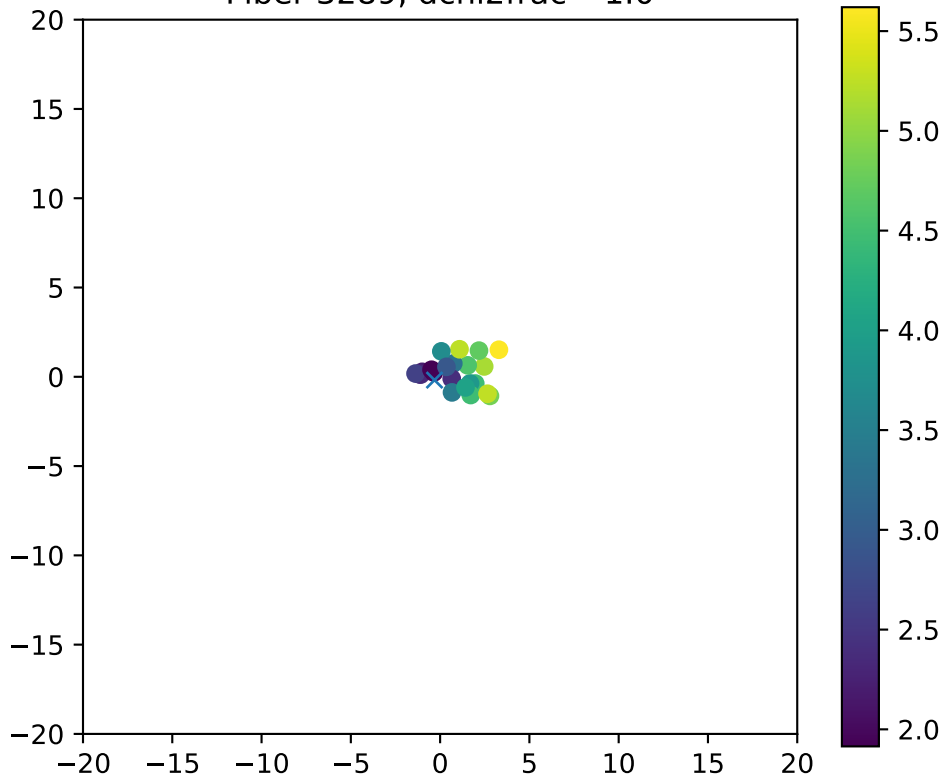
Fiber 3259, dchi2frac= 1.0



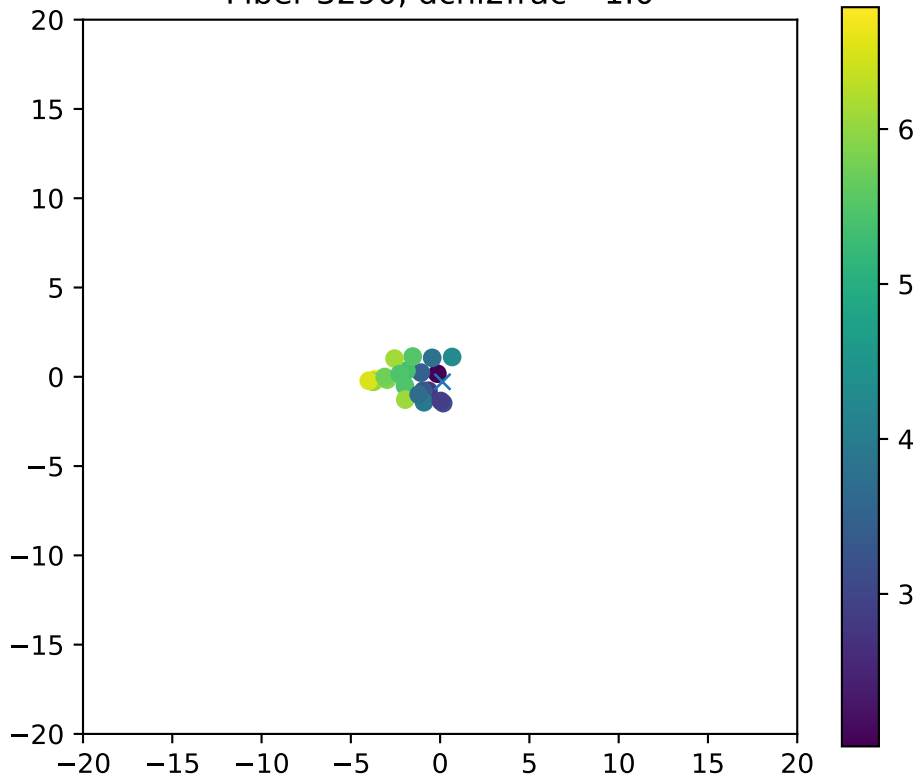
Fiber 3284, dchi2frac= 1.0



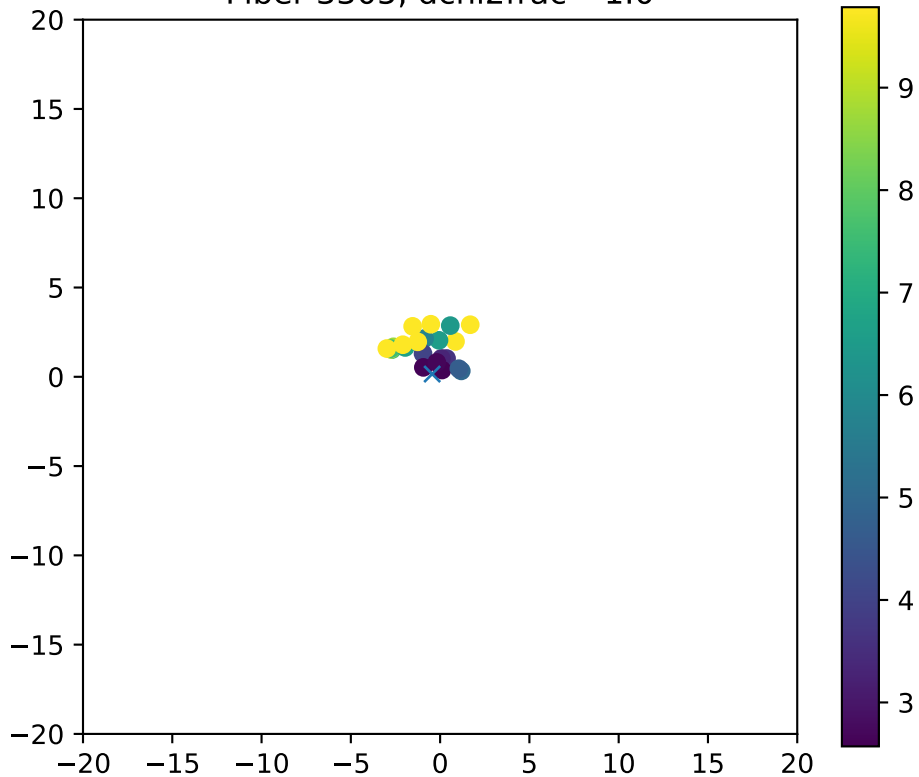
Fiber 3289, dchi2frac= 1.0



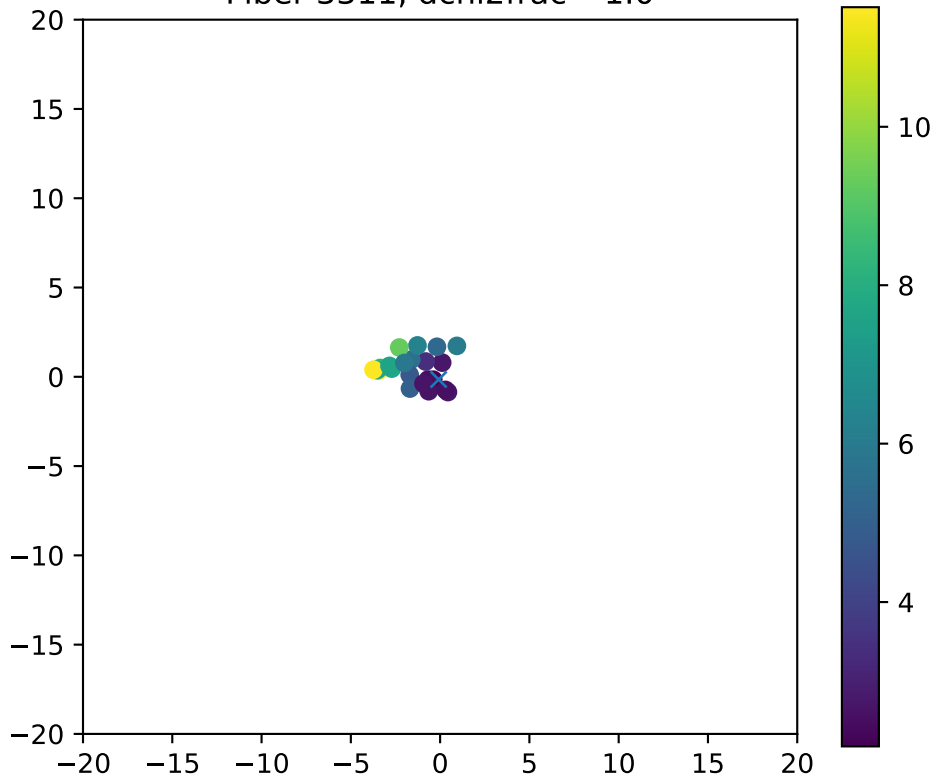
Fiber 3290, dchi2frac= 1.0



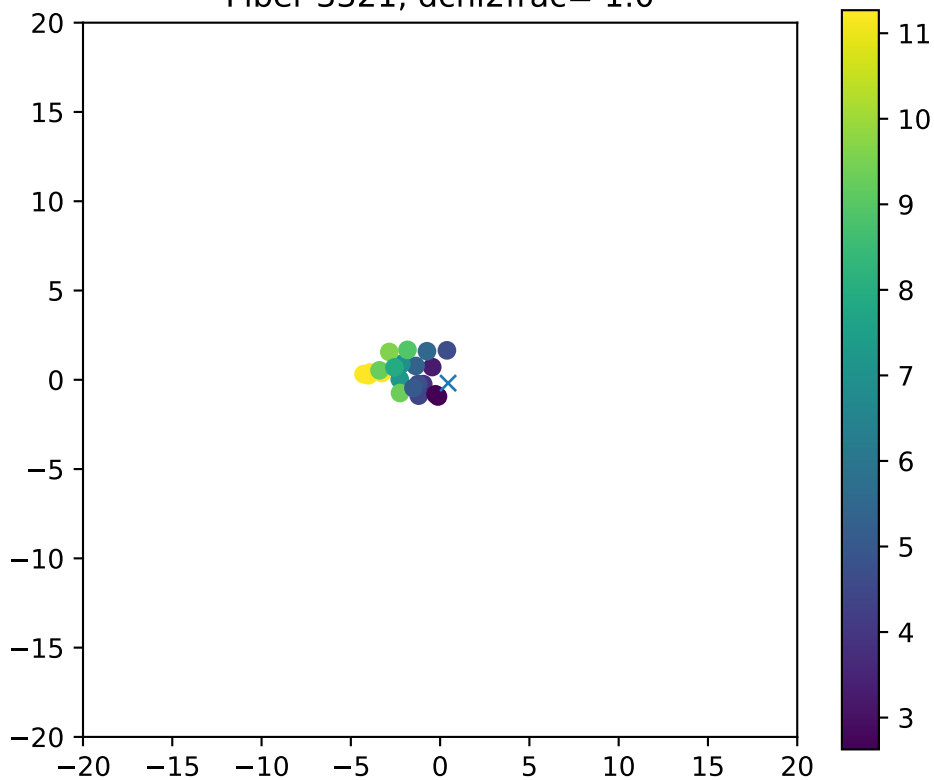
Fiber 3305, dchi2frac= 1.0



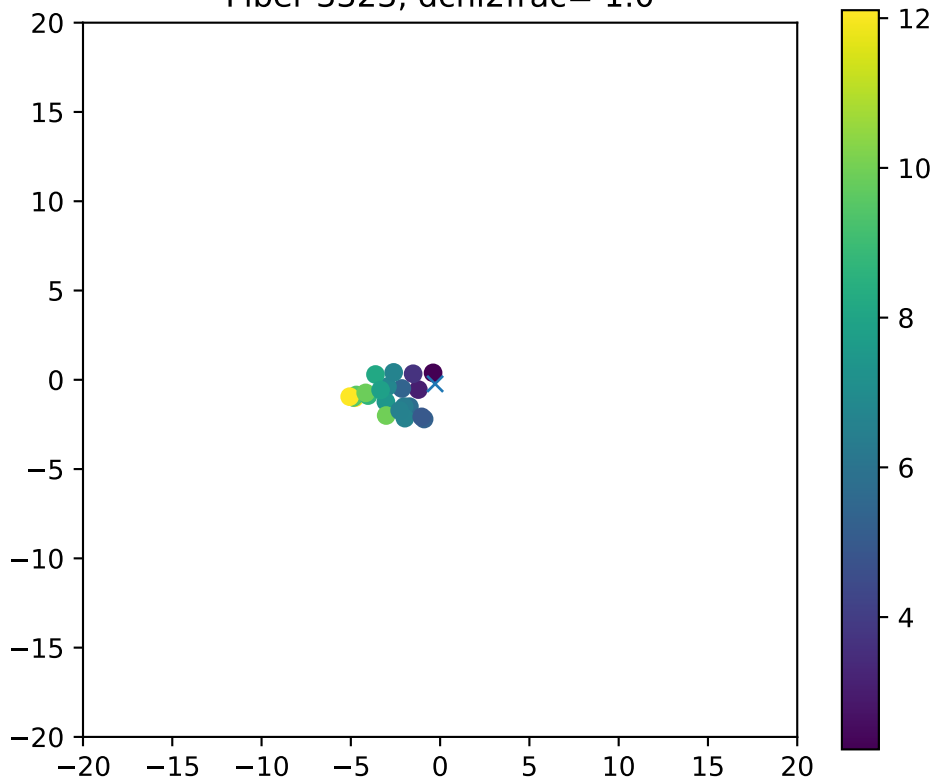
Fiber 3311, dchi2frac= 1.0



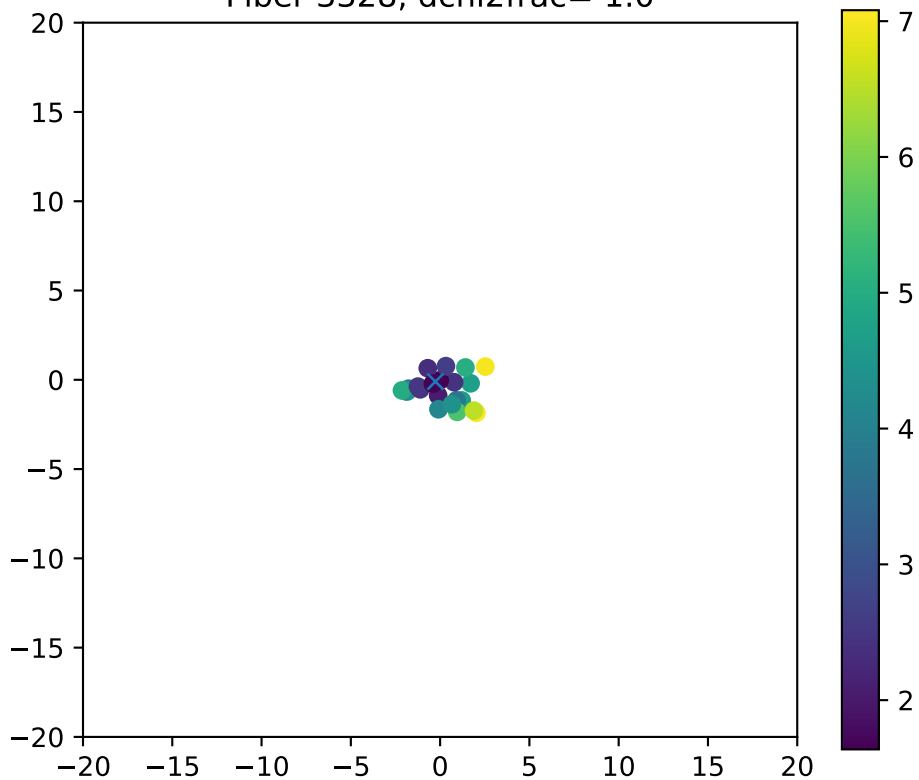
Fiber 3321, dchi2frac= 1.0



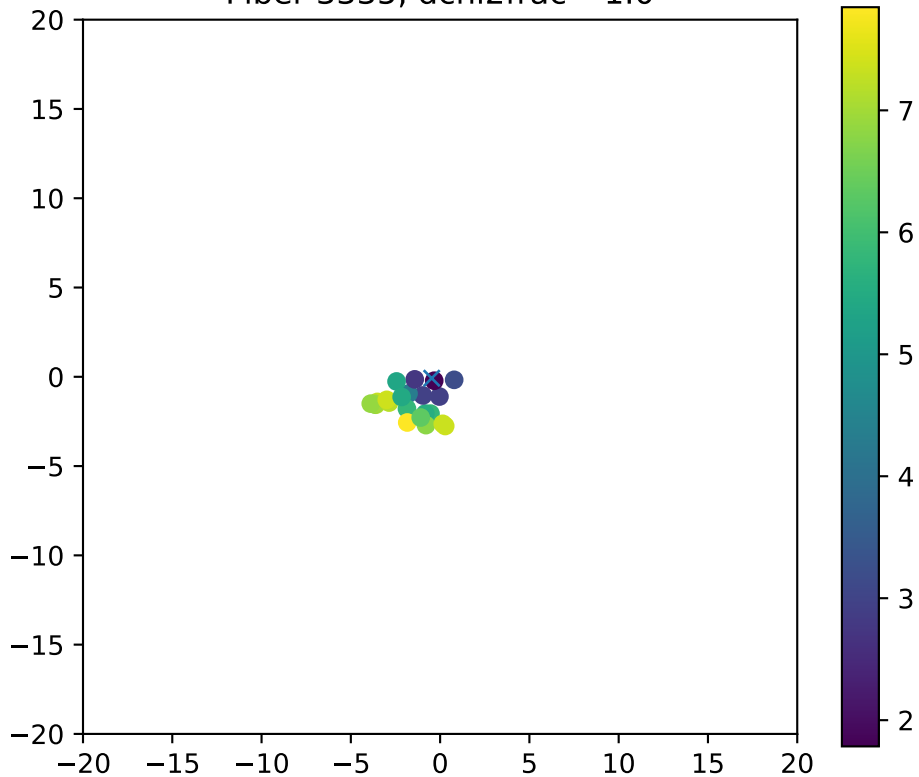
Fiber 3323, dchi2frac= 1.0



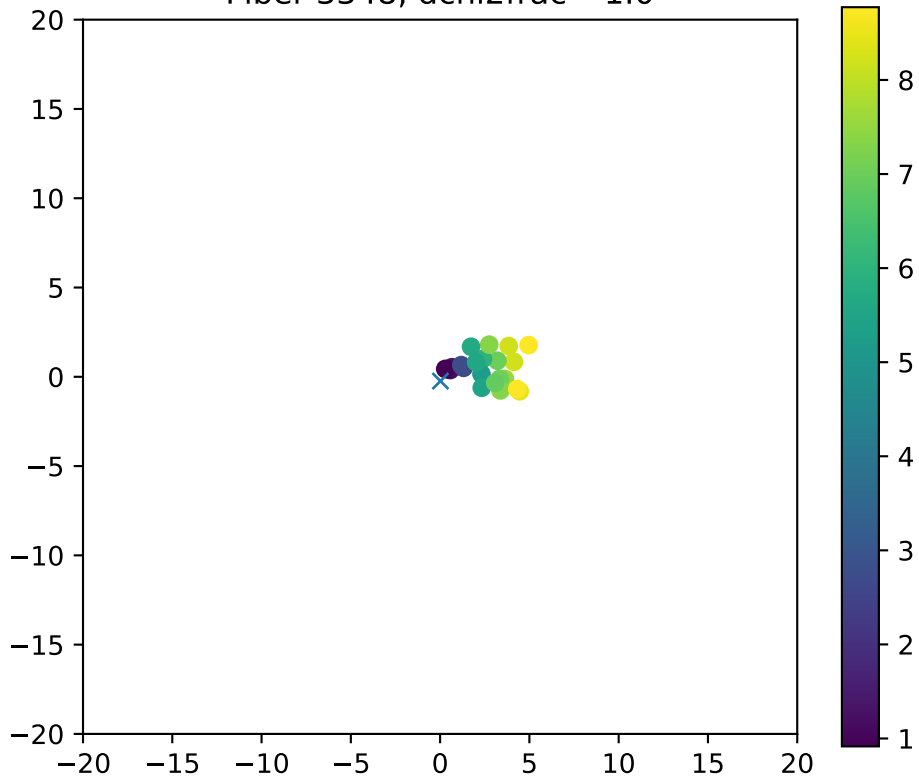
Fiber 3328, dchi2frac= 1.0



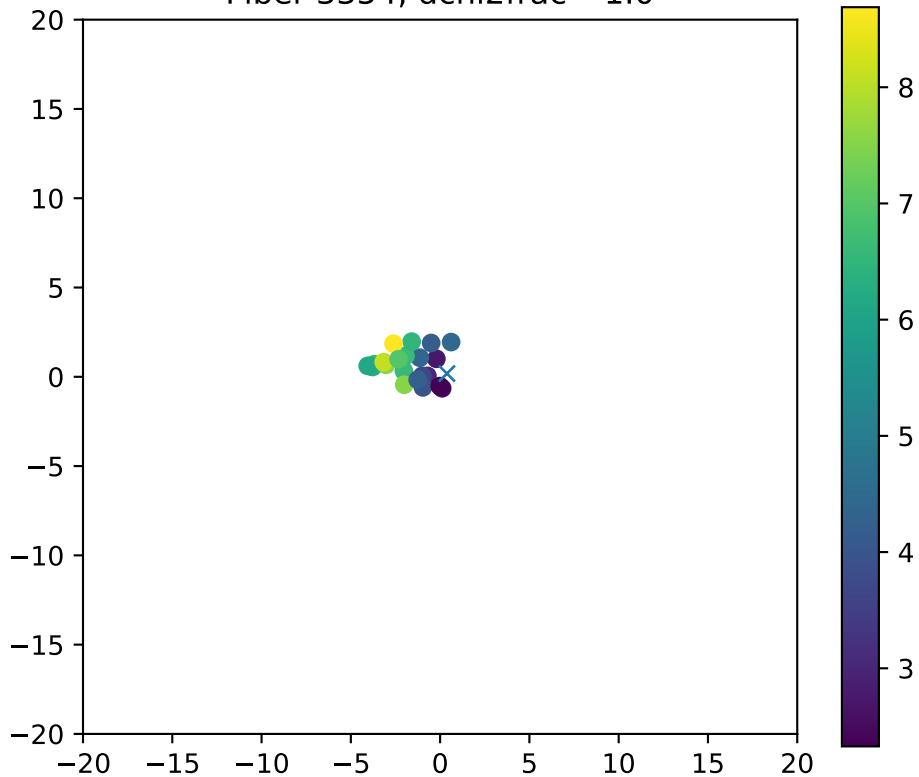
Fiber 3335, dchi2frac= 1.0



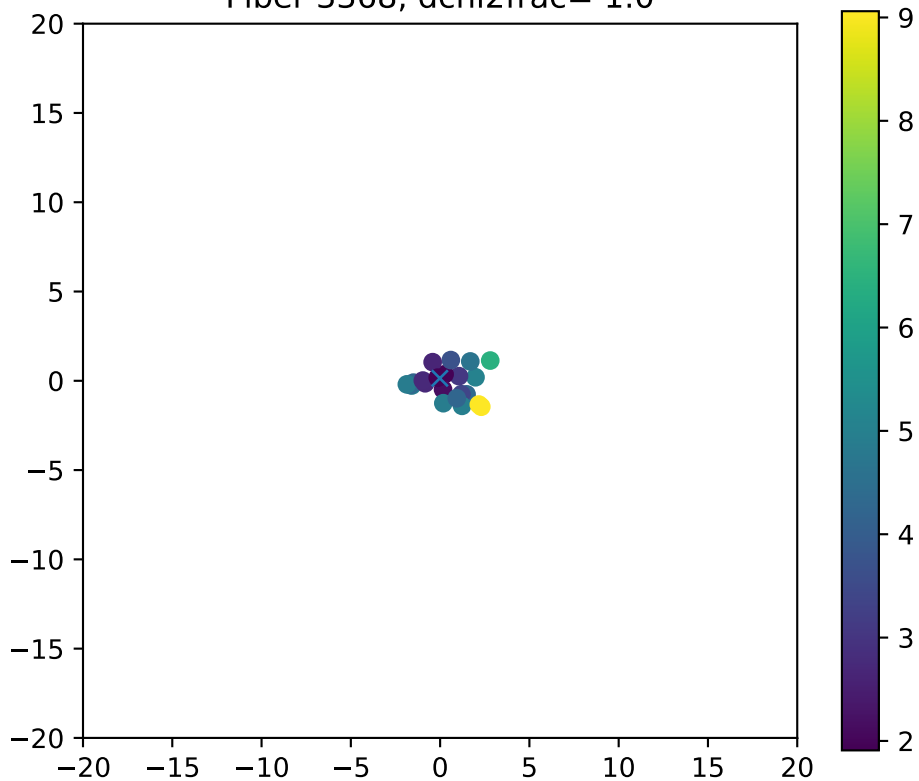
Fiber 3348, dchi2frac= 1.0



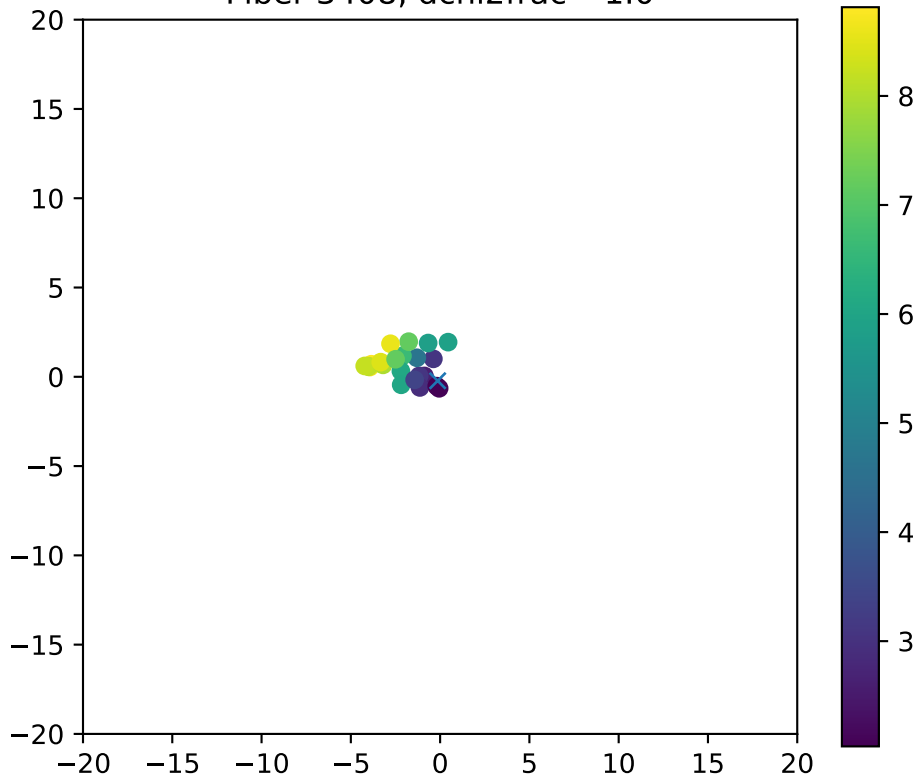
Fiber 3354, dchi2frac= 1.0



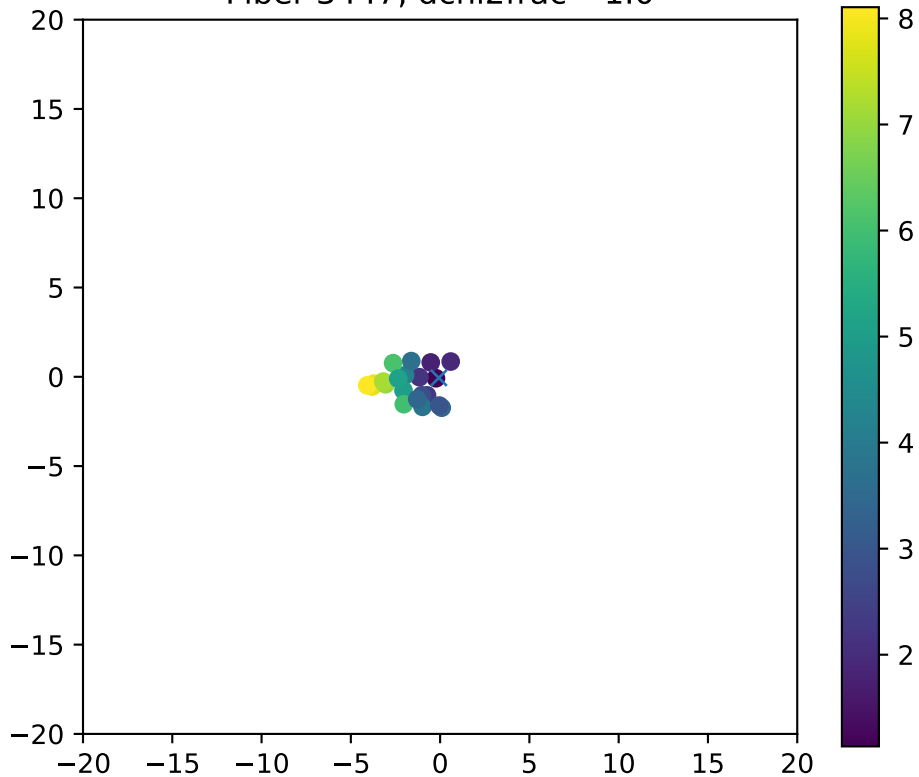
Fiber 3368, dchi2frac= 1.0



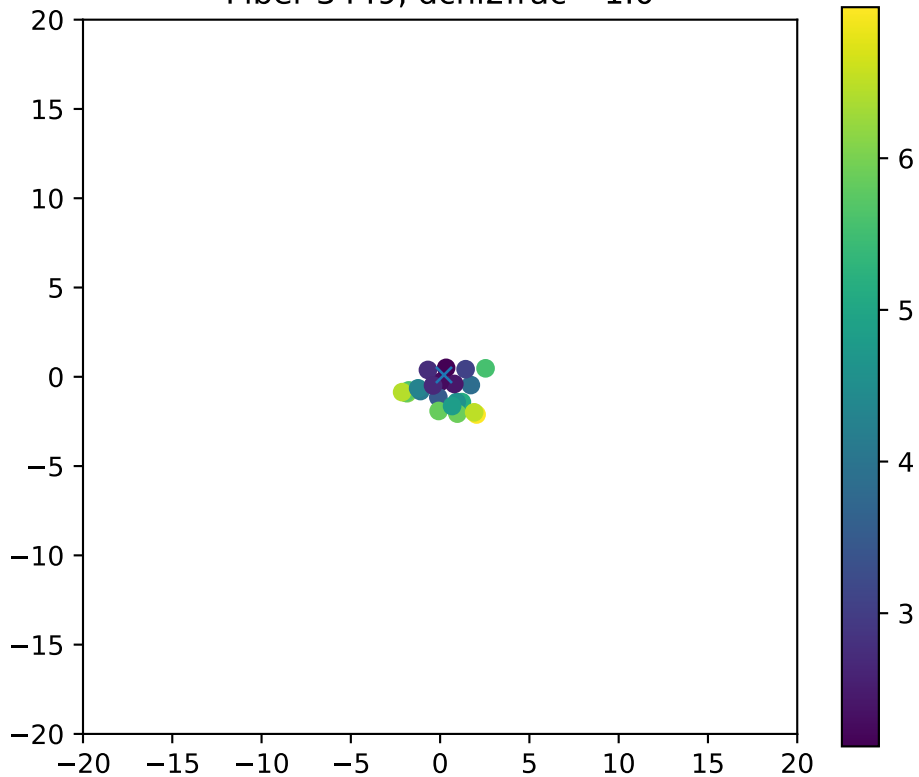
Fiber 3408, dchi2frac= 1.0



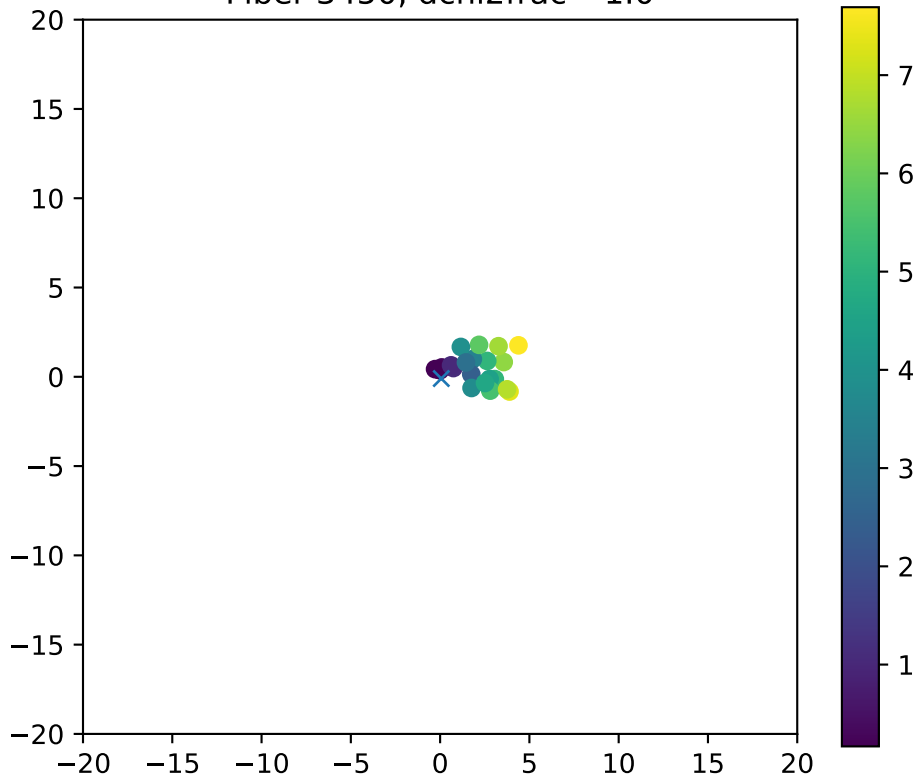
Fiber 3447, dchi2frac= 1.0



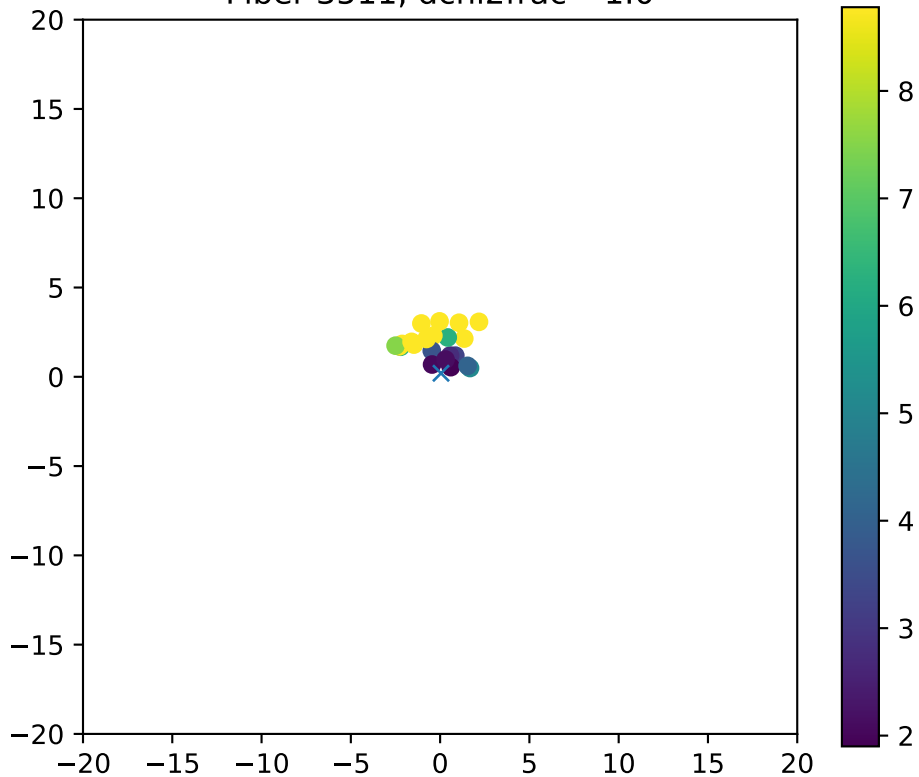
Fiber 3449, dchi2frac= 1.0



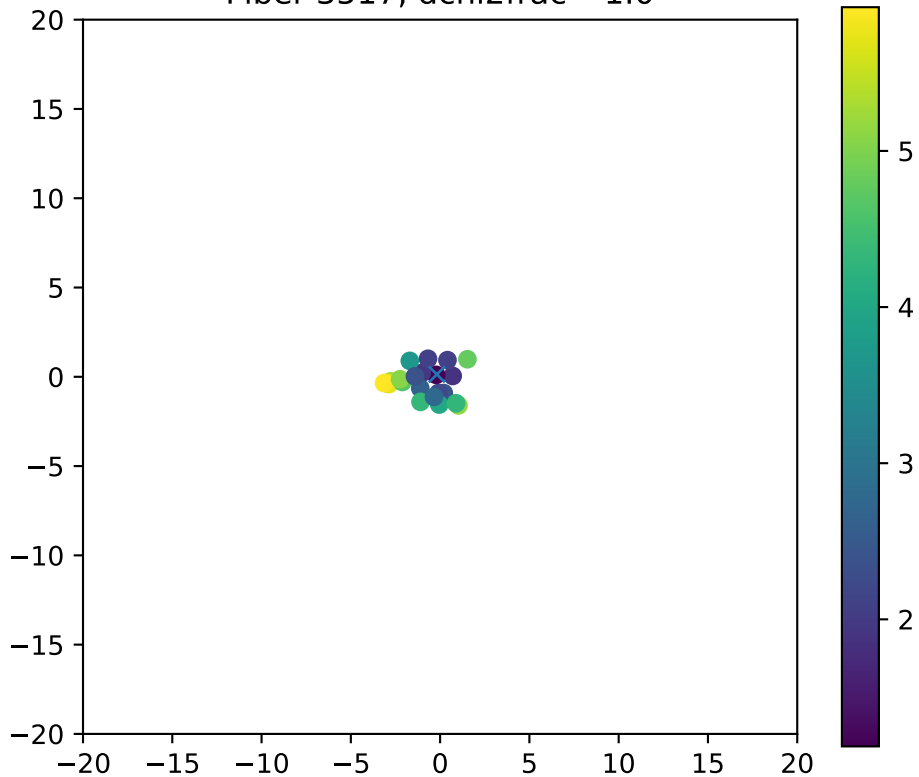
Fiber 3450, dchi2frac= 1.0



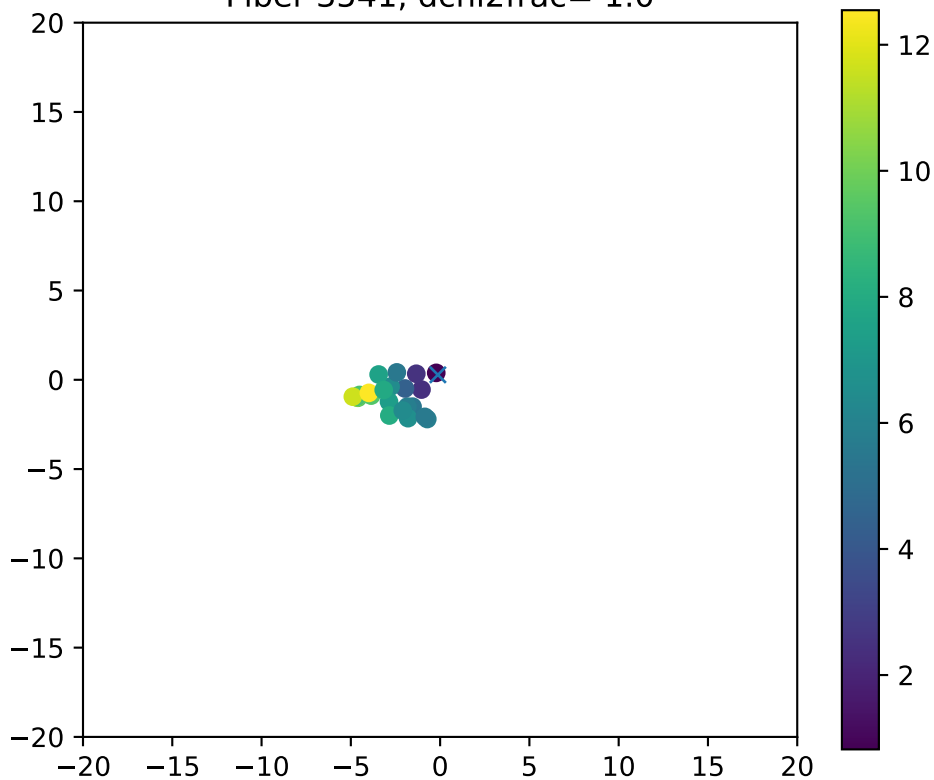
Fiber 3511, dchi2frac= 1.0



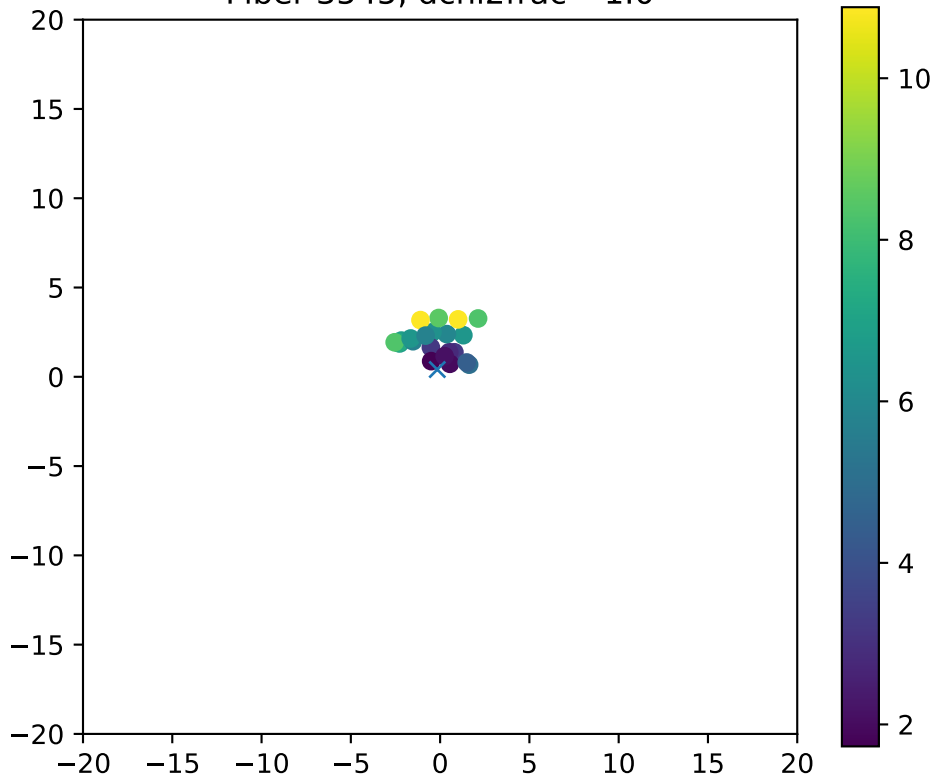
Fiber 3517, dchi2frac= 1.0



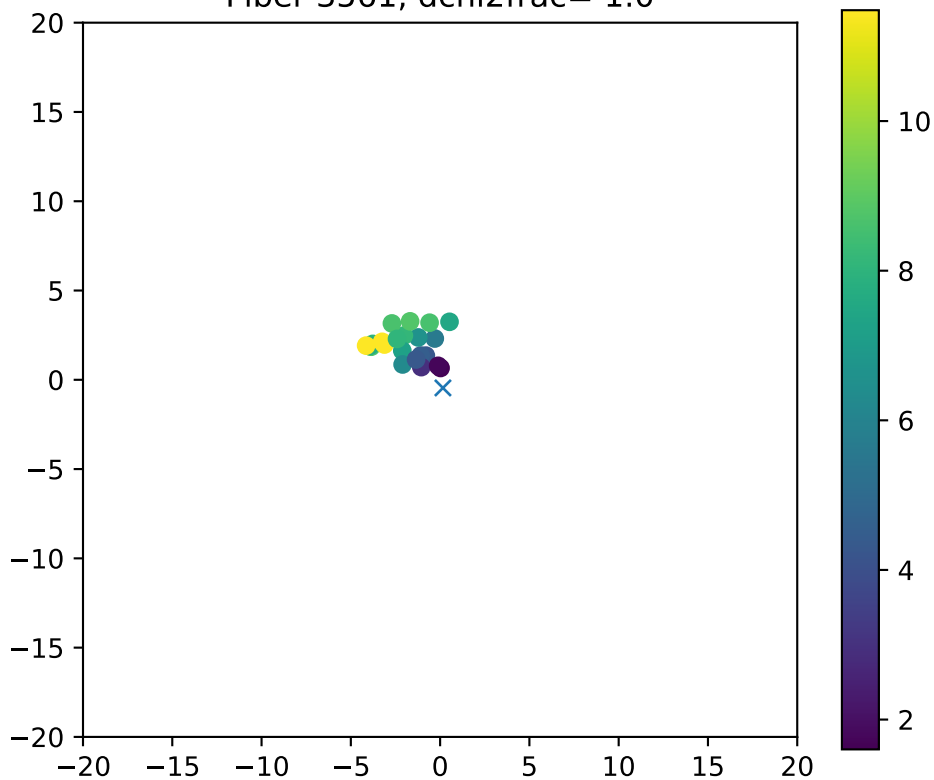
Fiber 3541, dchi2frac= 1.0



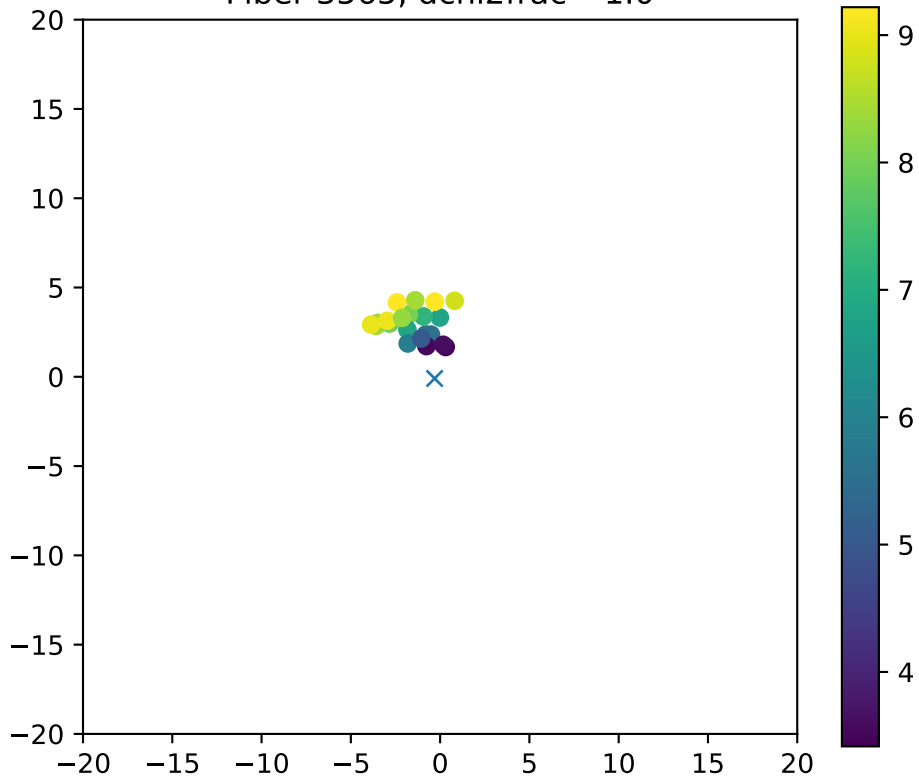
Fiber 3545, dchi2frac= 1.0



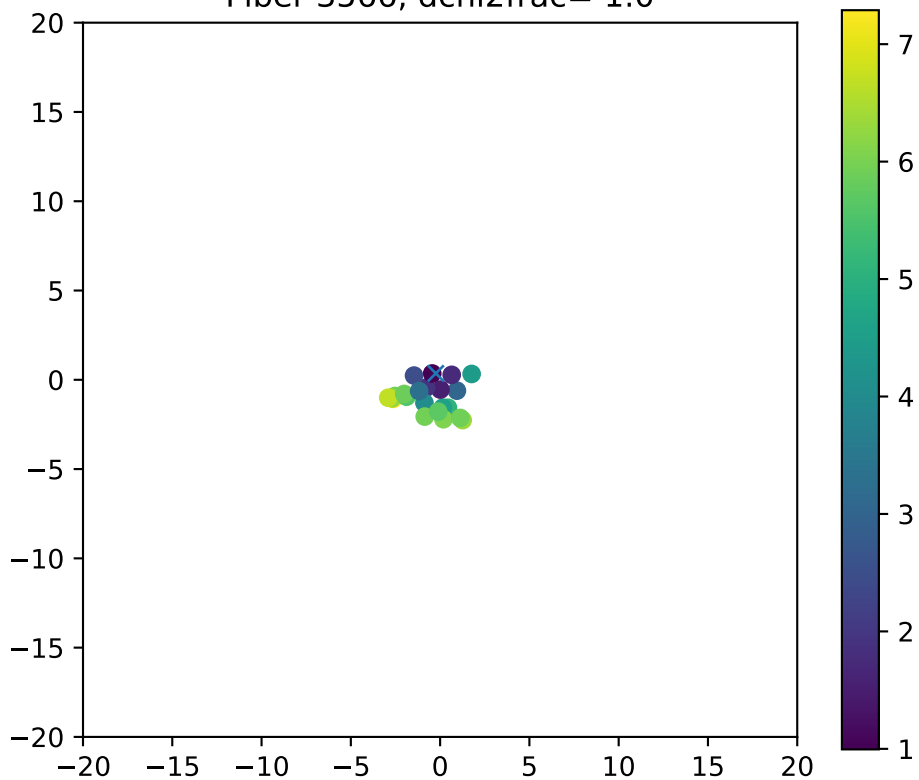
Fiber 3561, dchi2frac= 1.0



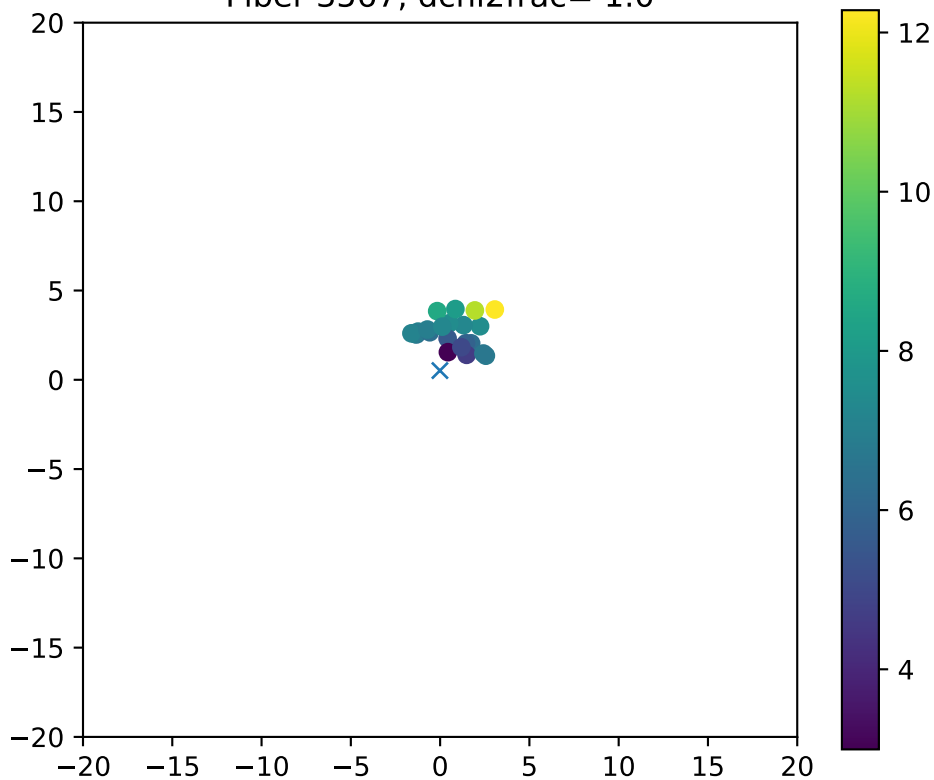
Fiber 3565, dchi2frac= 1.0



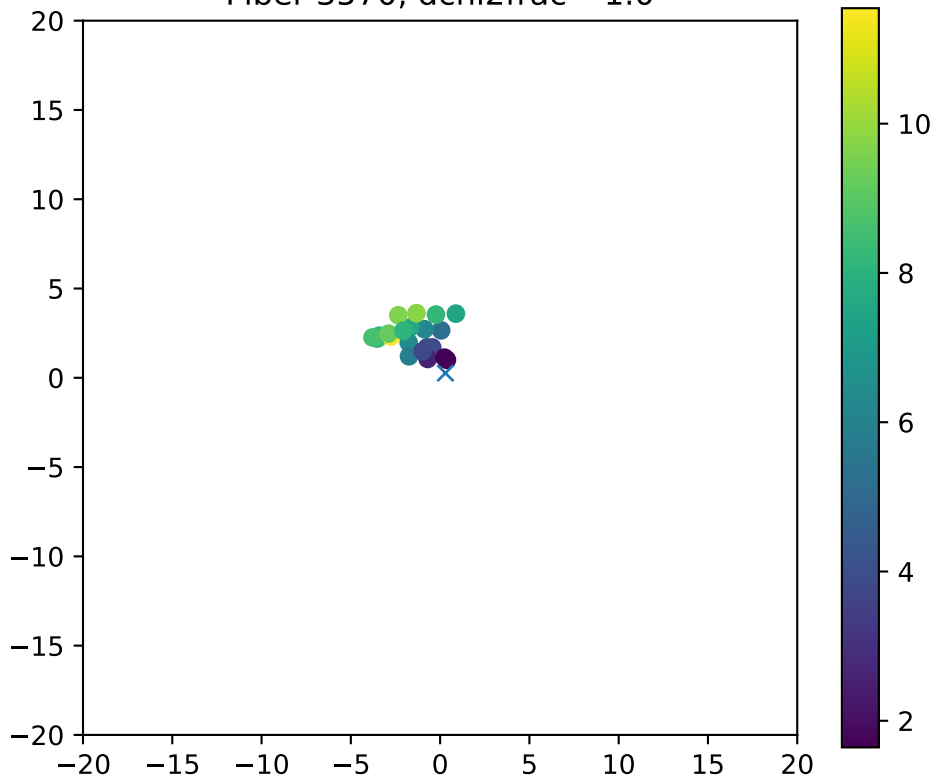
Fiber 3566, dchi2frac= 1.0



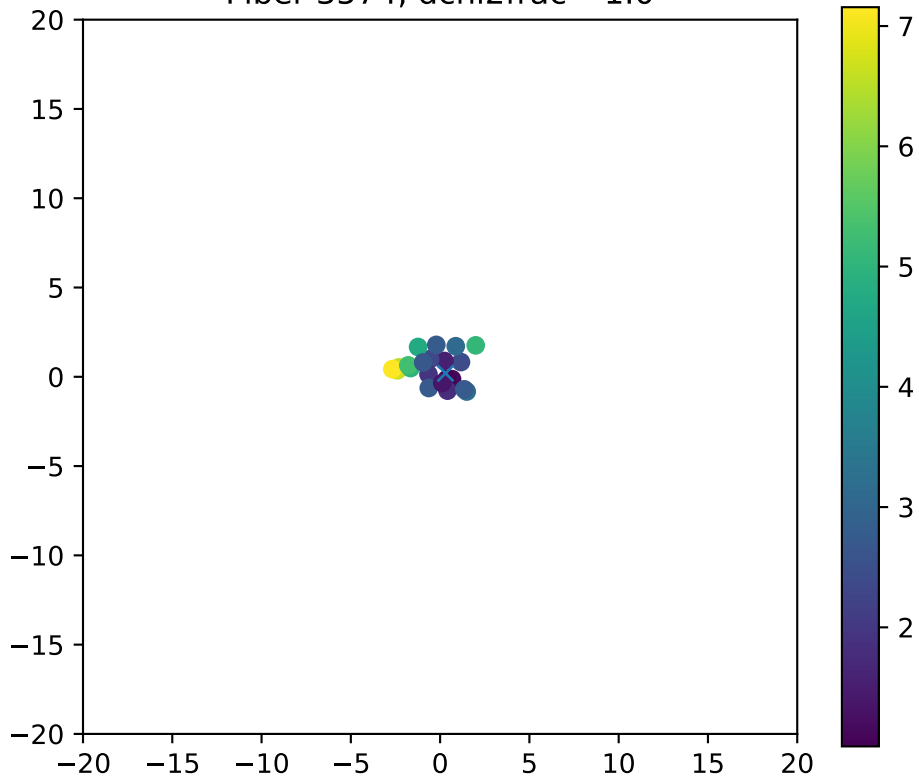
Fiber 3567, dchi2frac= 1.0



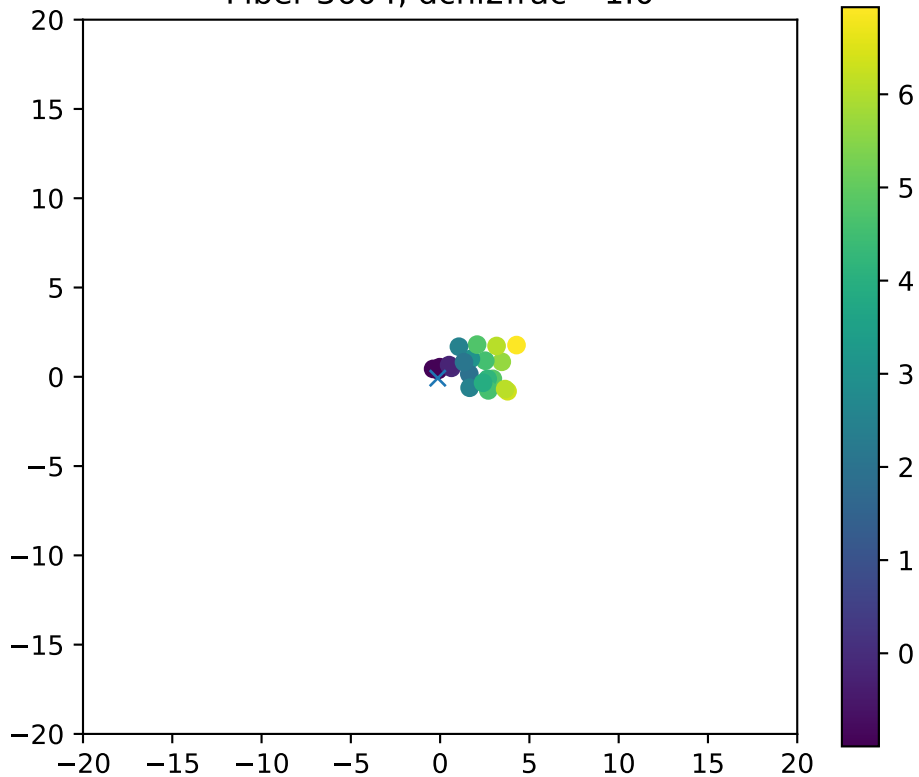
Fiber 3570, dchi2frac= 1.0



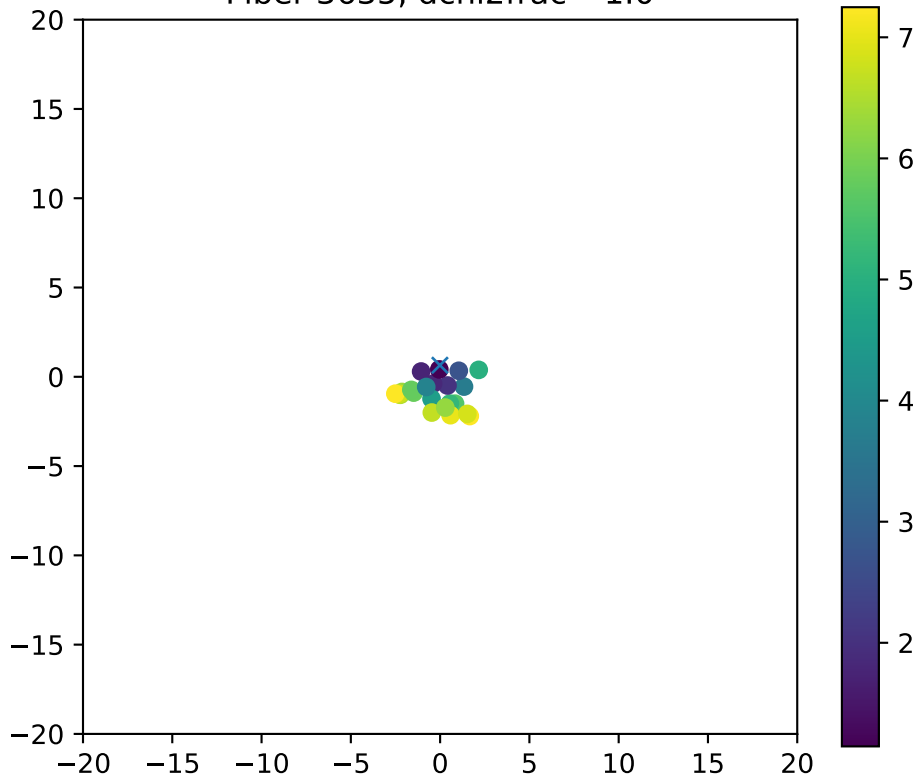
Fiber 3574, dchi2frac= 1.0



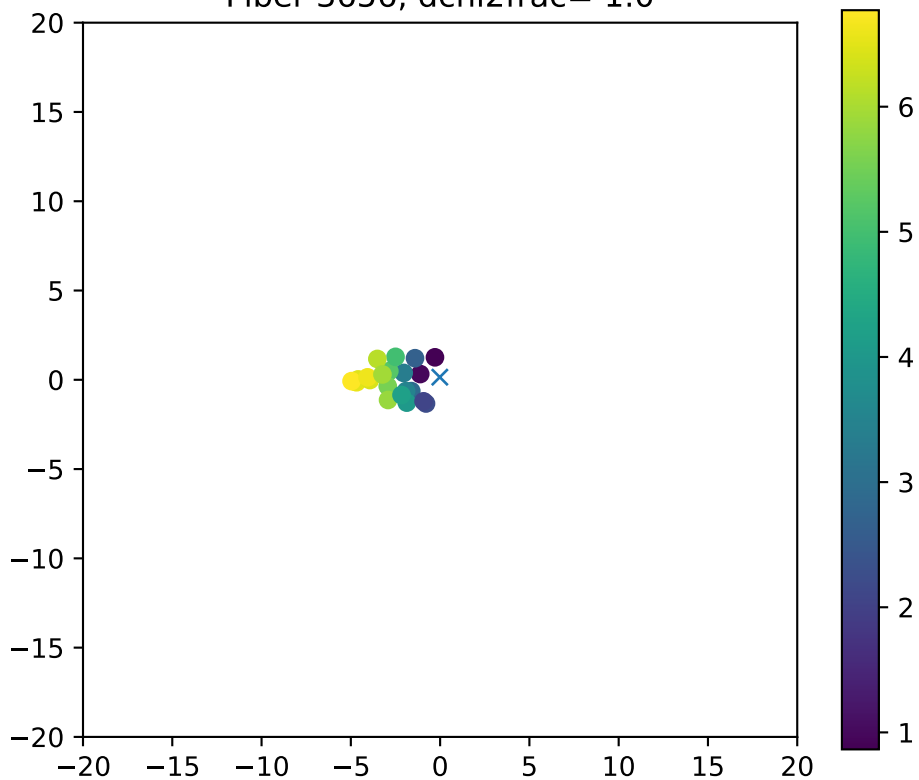
Fiber 3604, dchi2frac= 1.0



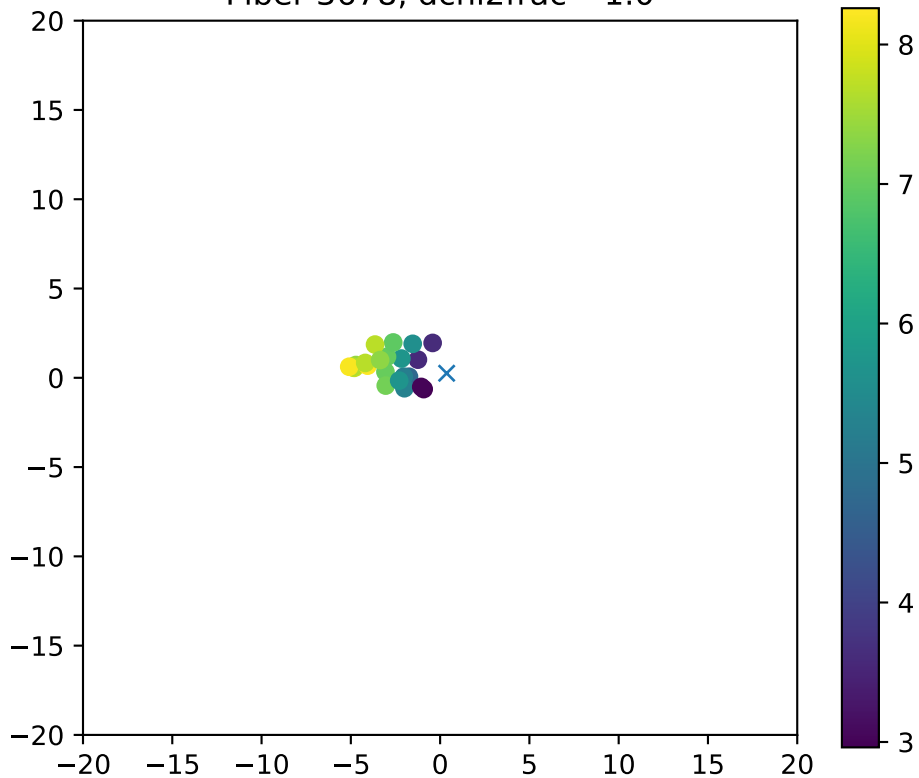
Fiber 3635, dchi2frac= 1.0



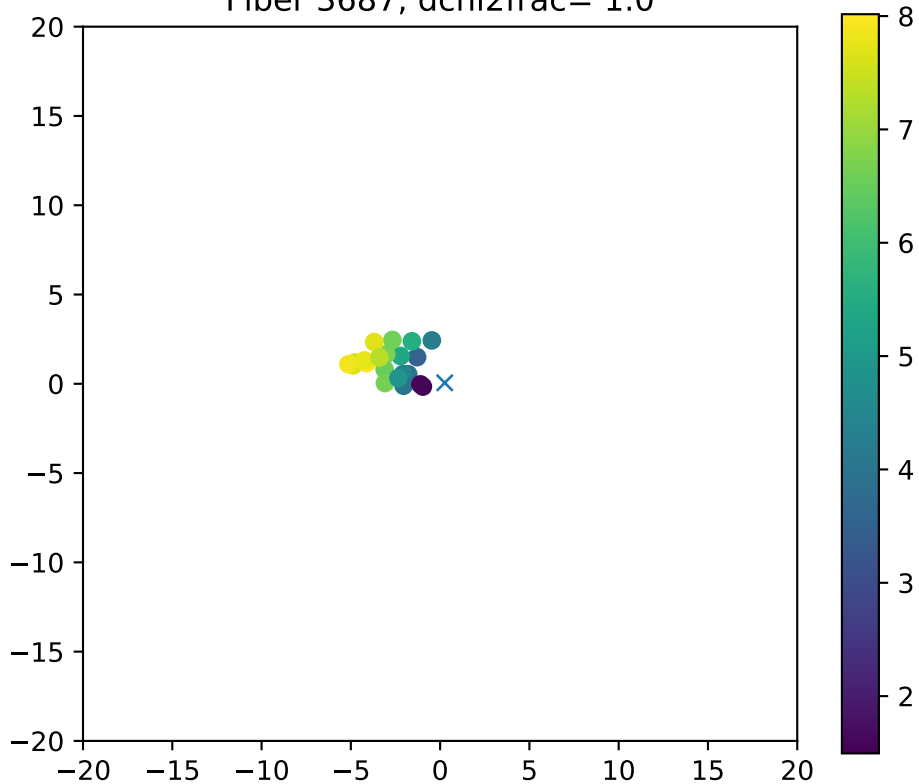
Fiber 3656, dchi2frac= 1.0



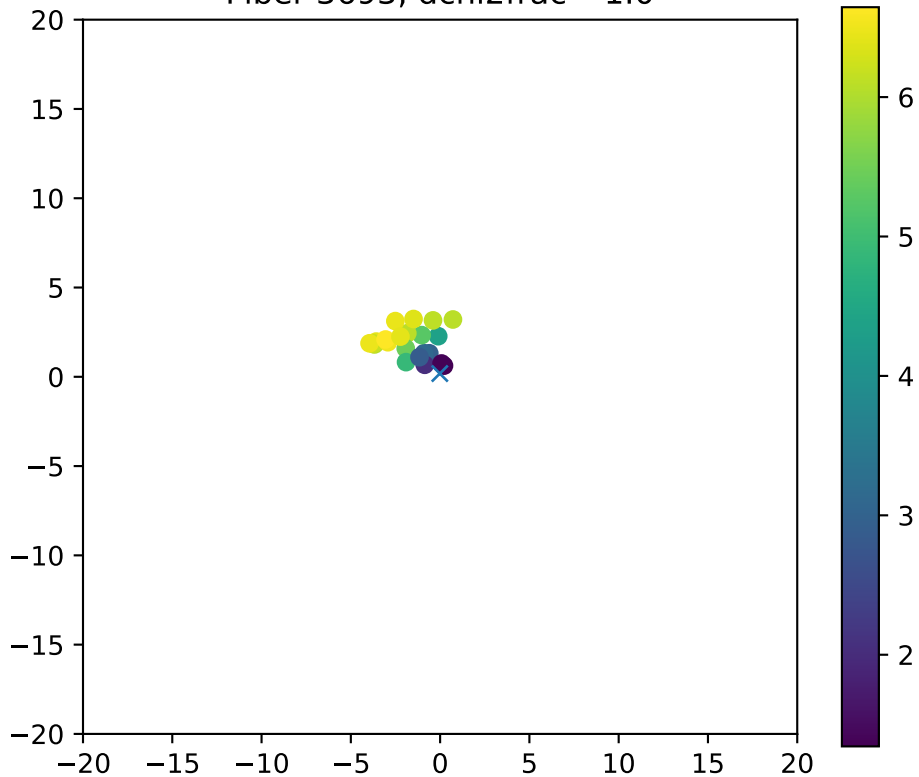
Fiber 3678, dchi2frac= 1.0



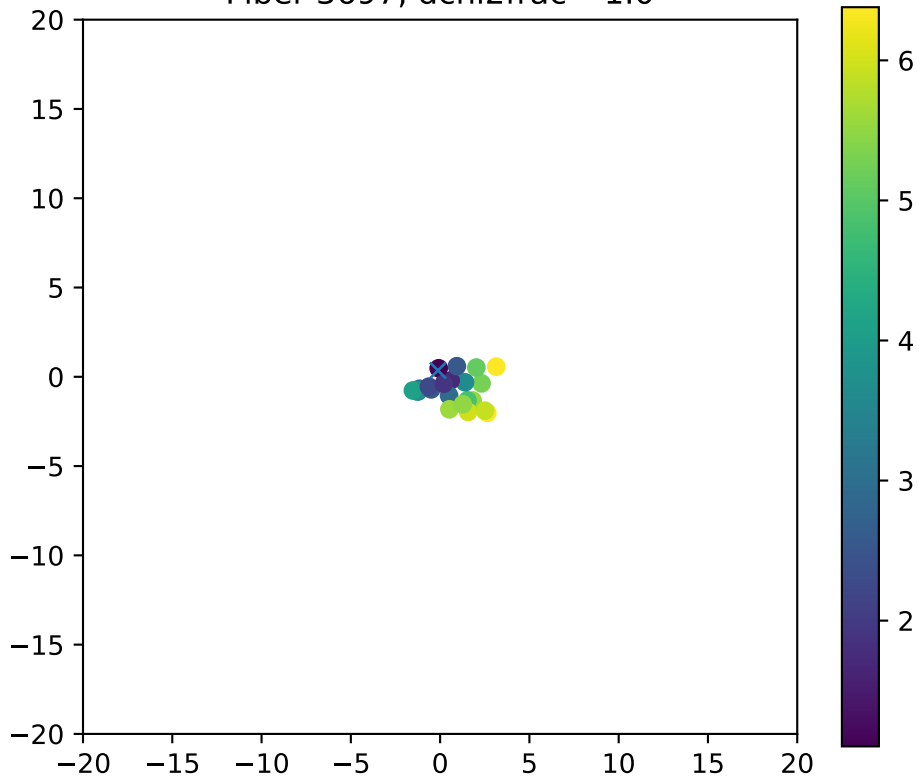
Fiber 3687, dchi2frac= 1.0



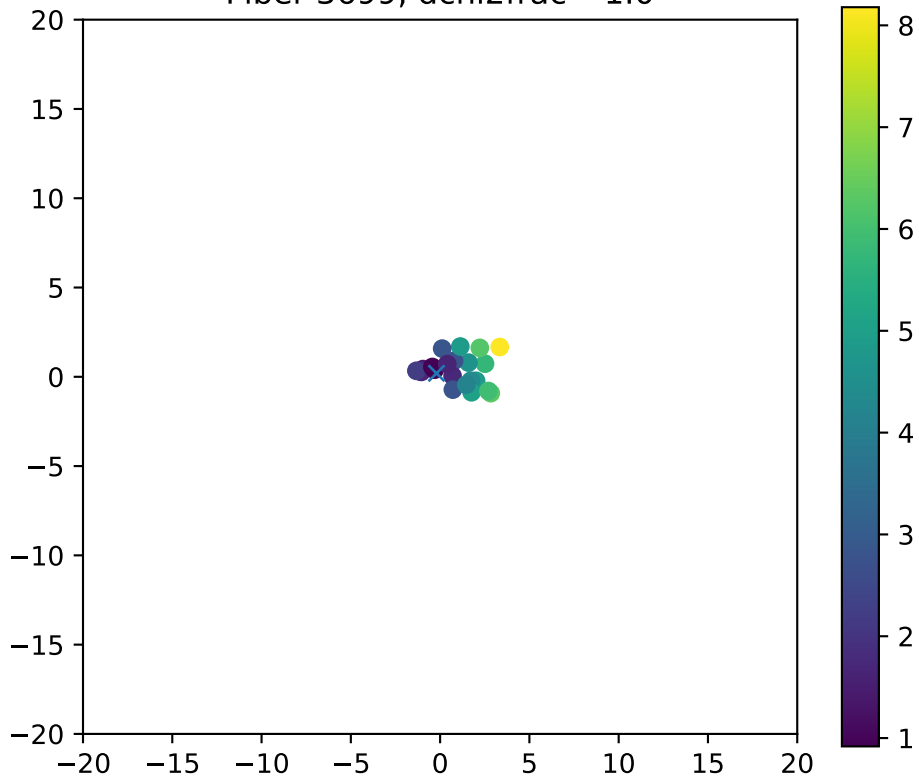
Fiber 3693, dchi2frac= 1.0



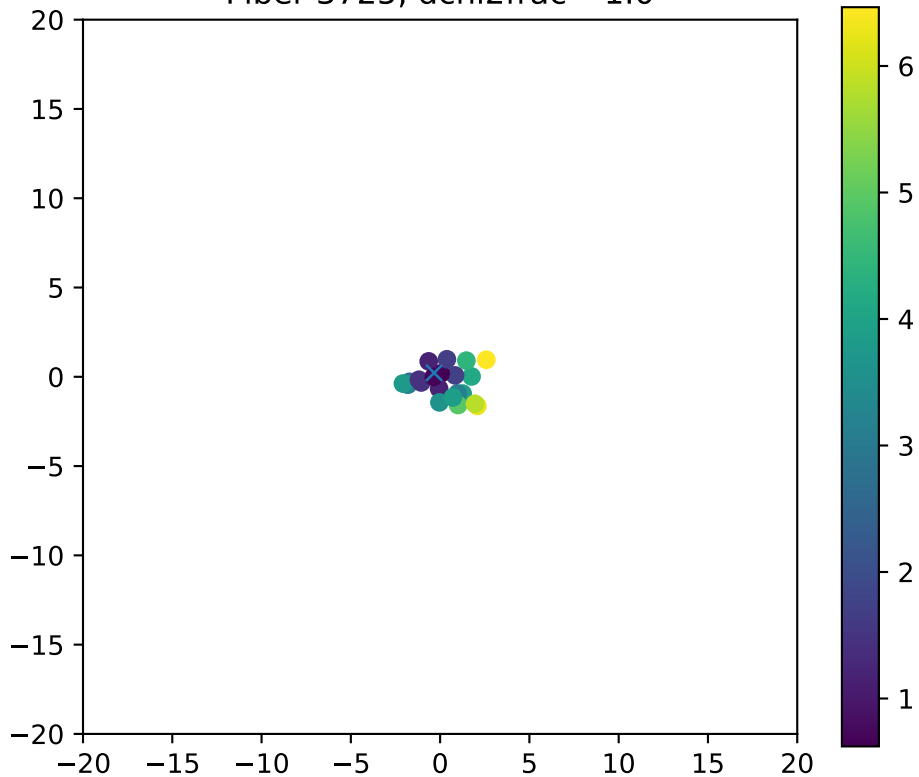
Fiber 3697, dchi2frac= 1.0



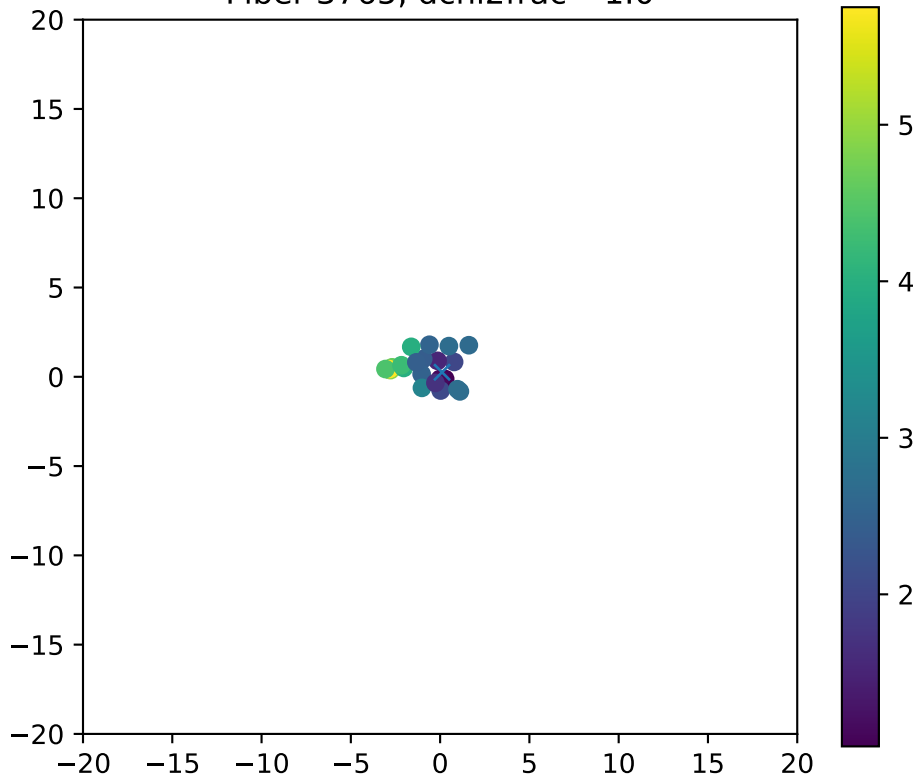
Fiber 3699, dchi2frac= 1.0



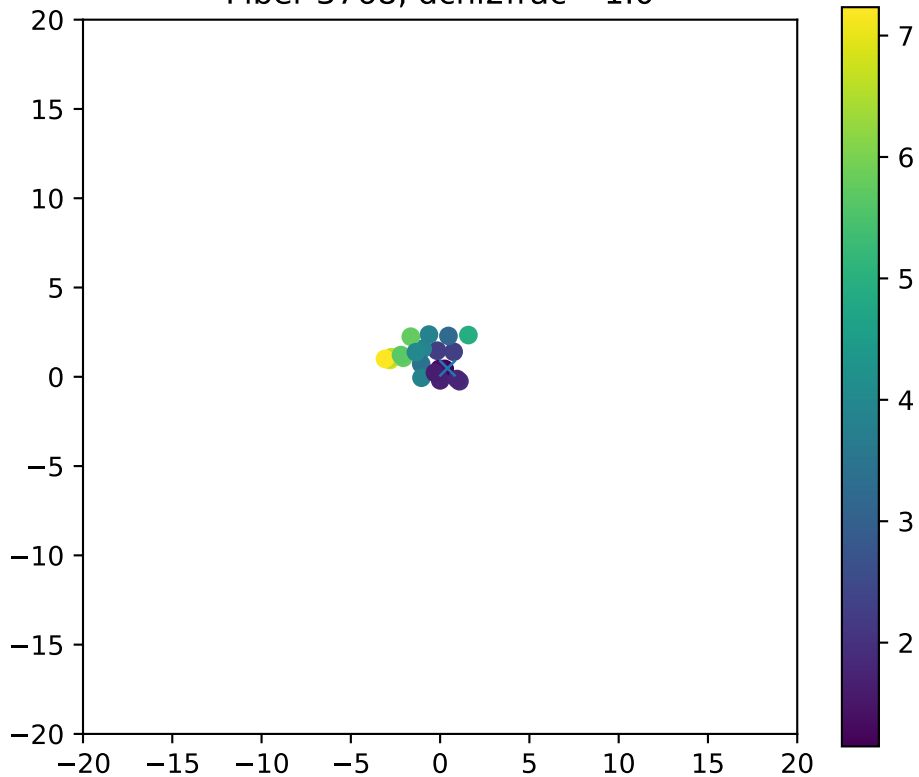
Fiber 3725, dchi2frac= 1.0



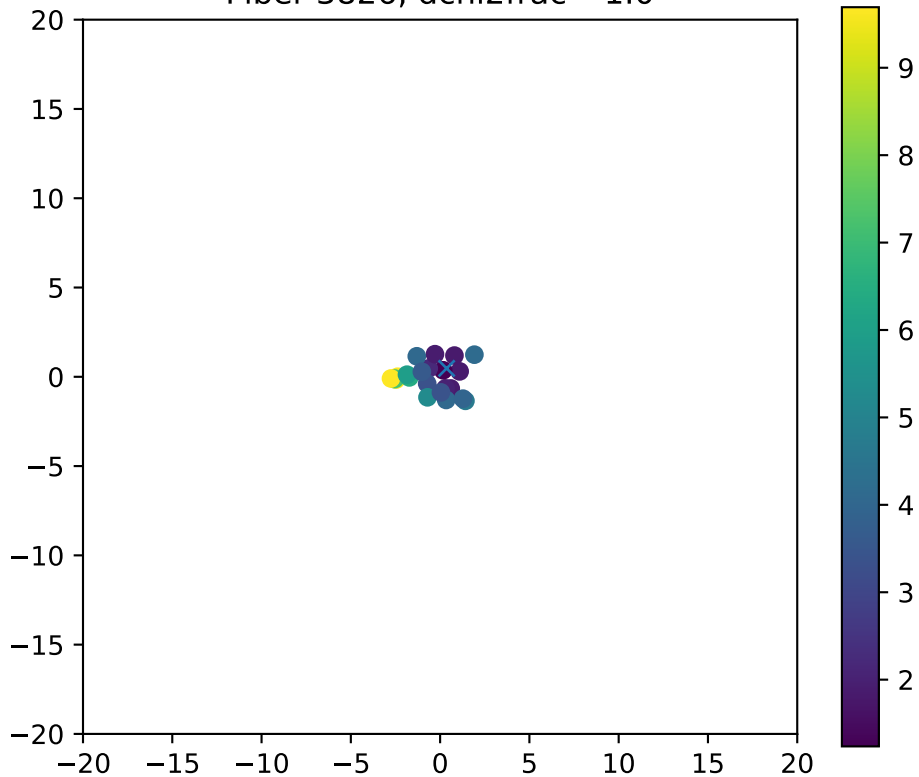
Fiber 3765, dchi2frac= 1.0



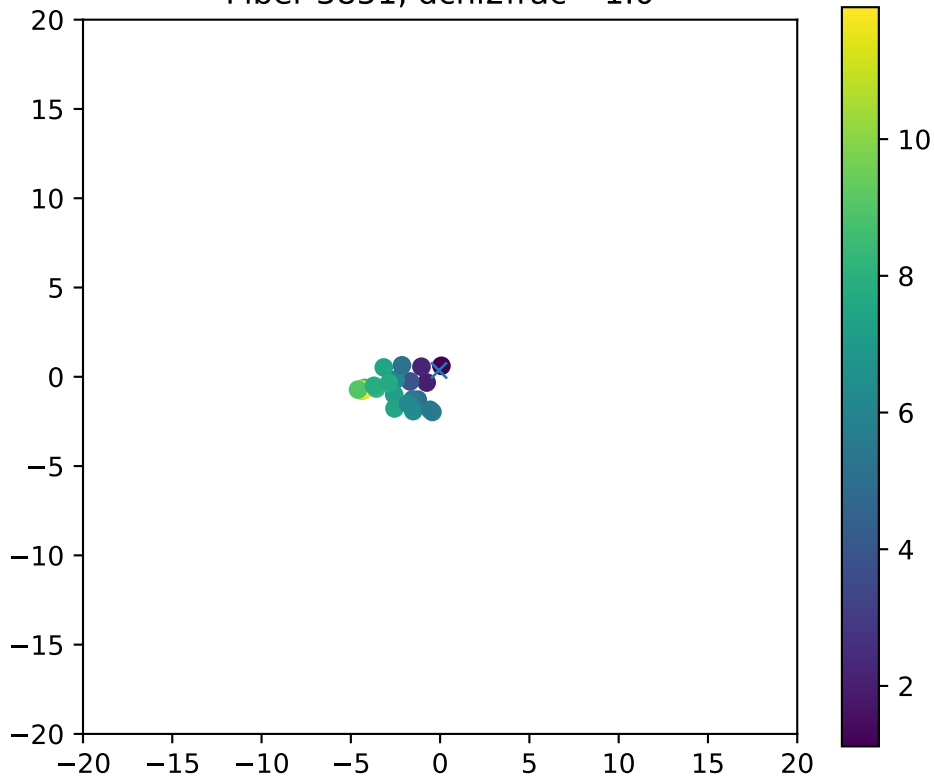
Fiber 3768, dchi2frac= 1.0



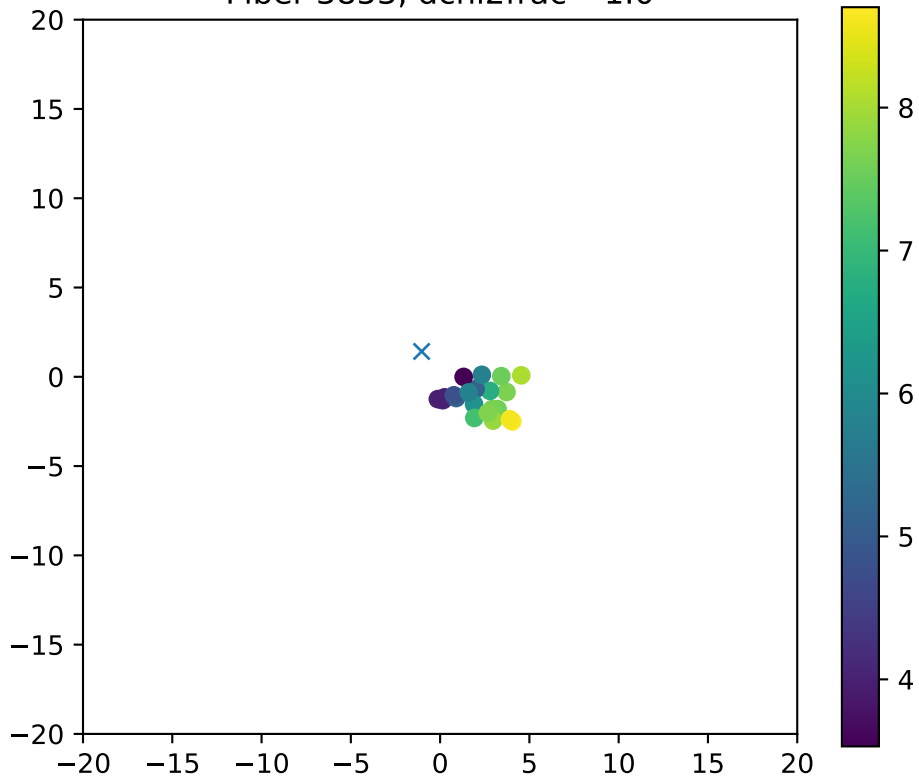
Fiber 3826, dchi2frac= 1.0



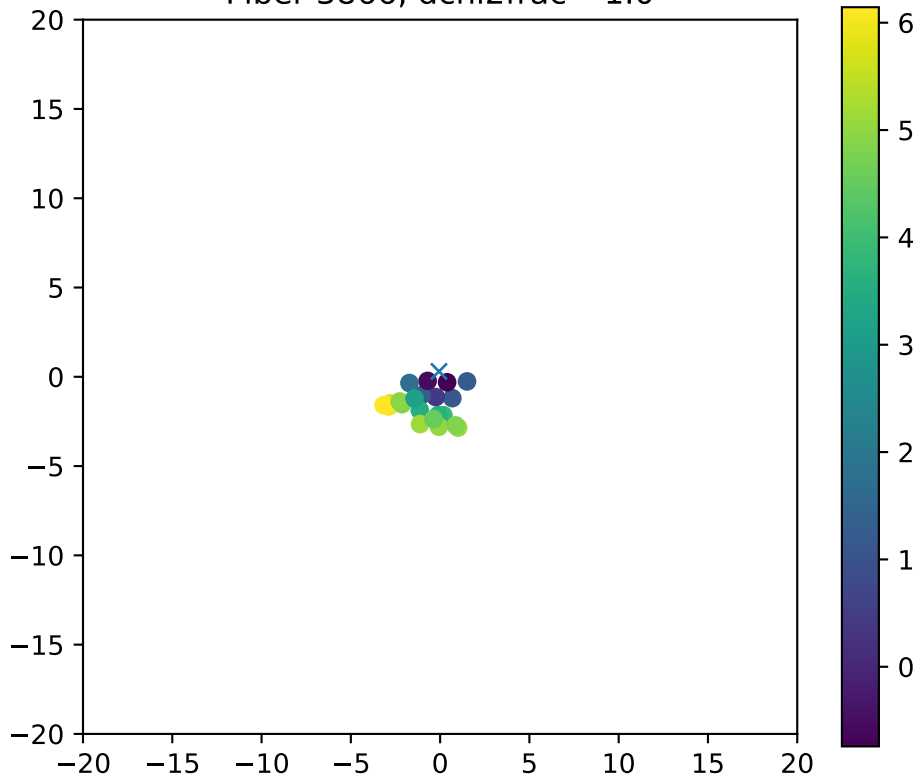
Fiber 3851, dchi2frac= 1.0



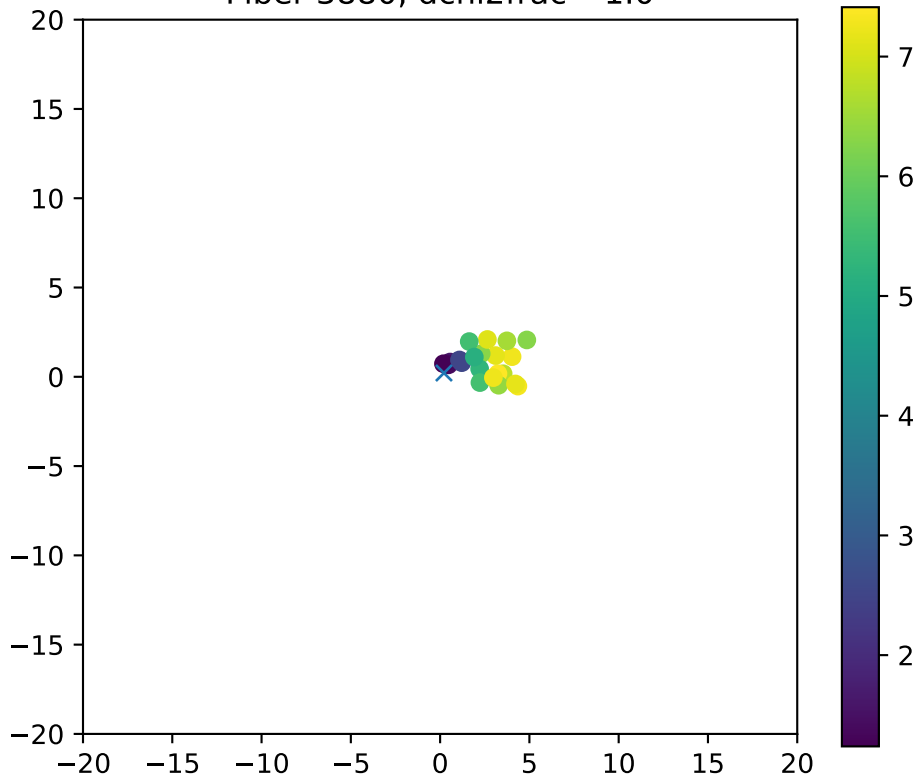
Fiber 3853, dchi2frac= 1.0



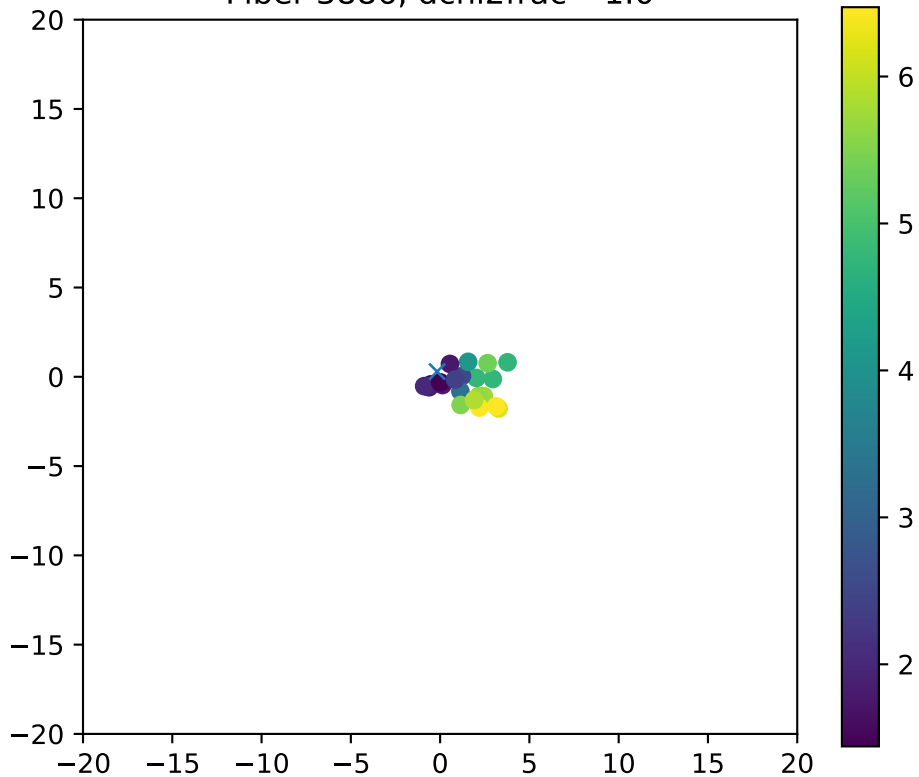
Fiber 3866, dchi2frac= 1.0



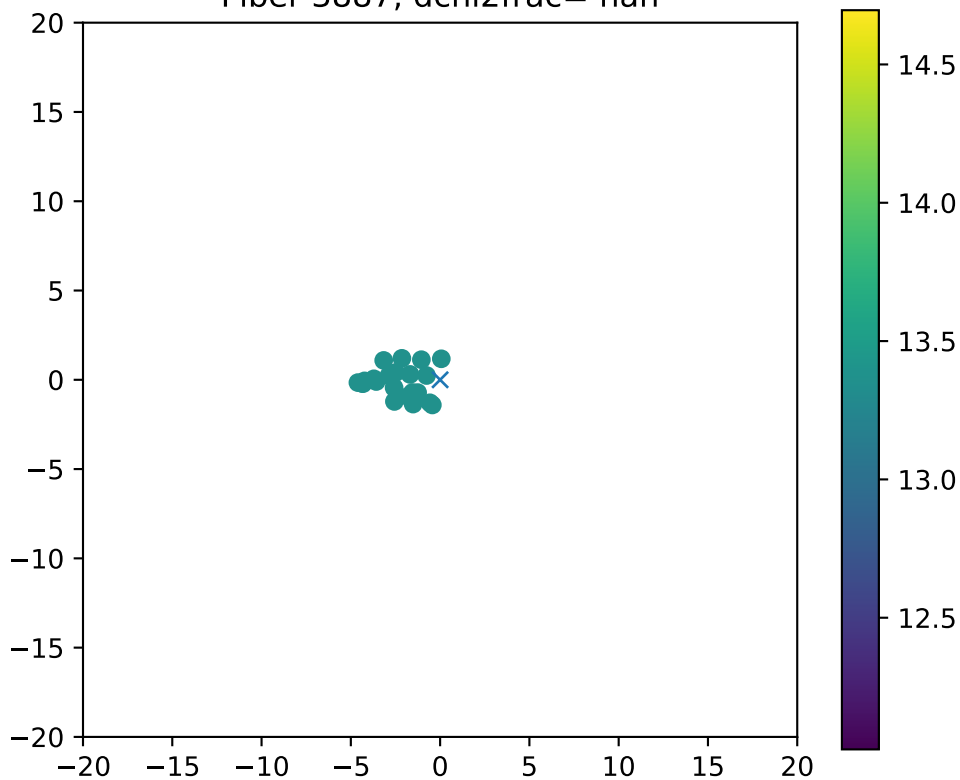
Fiber 3880, dchi2frac= 1.0



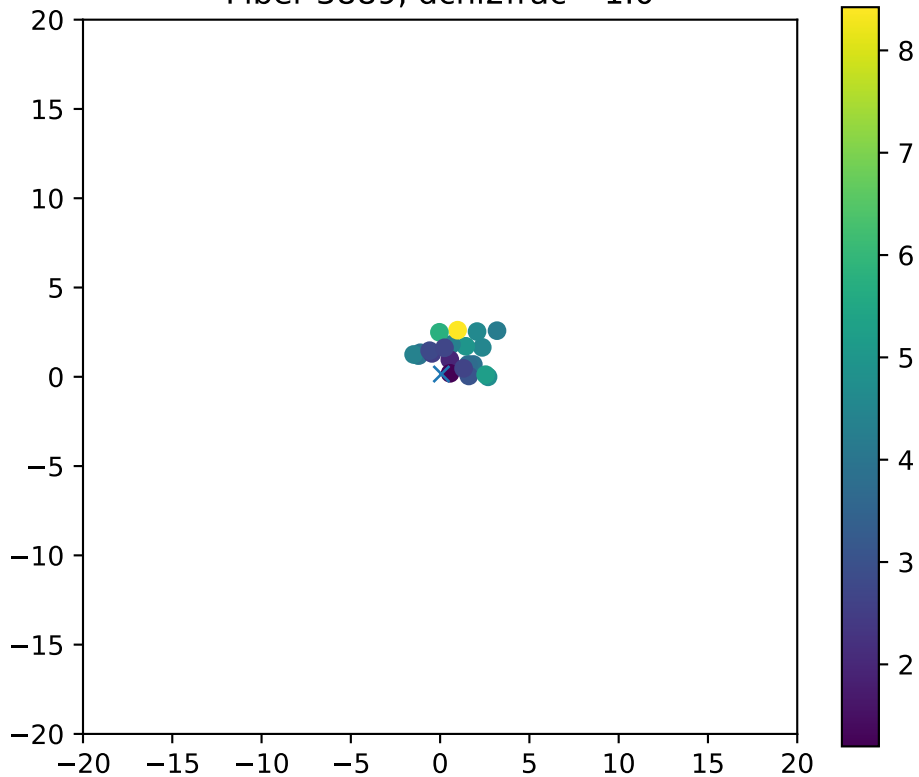
Fiber 3886, dchi2frac= 1.0



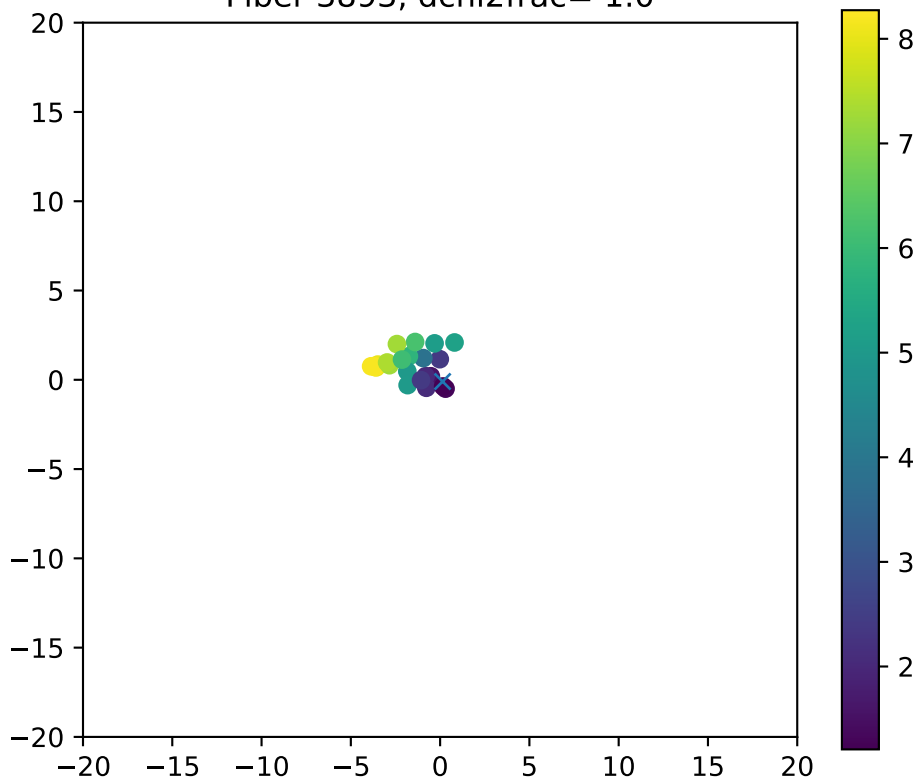
Fiber 3887, dchi2frac= nan



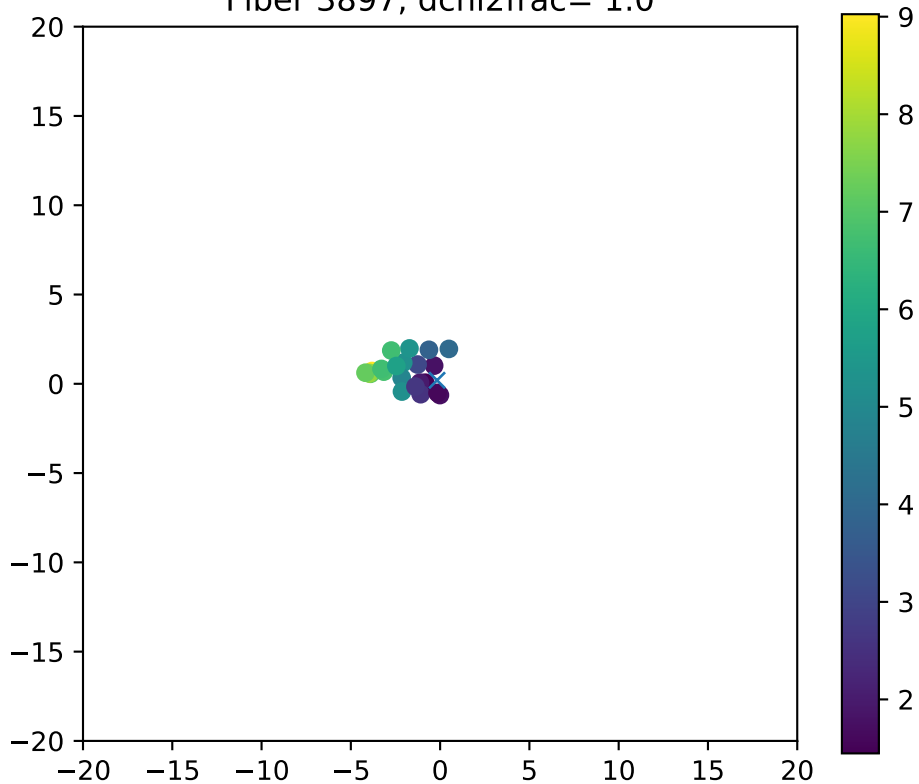
Fiber 3889, dchi2frac= 1.0



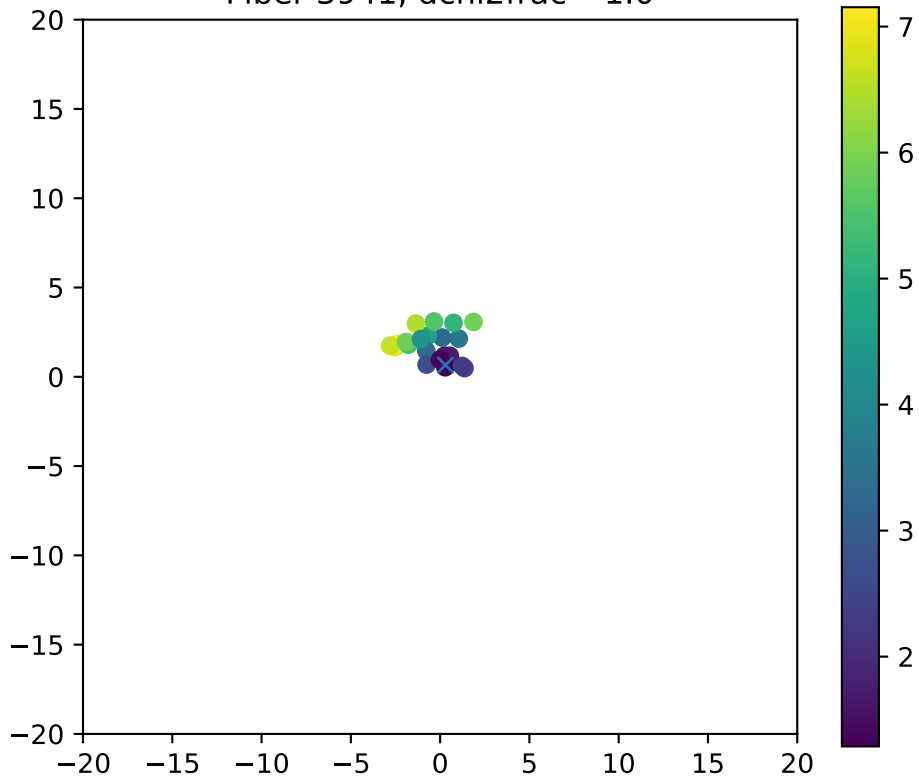
Fiber 3893, dchi2frac= 1.0



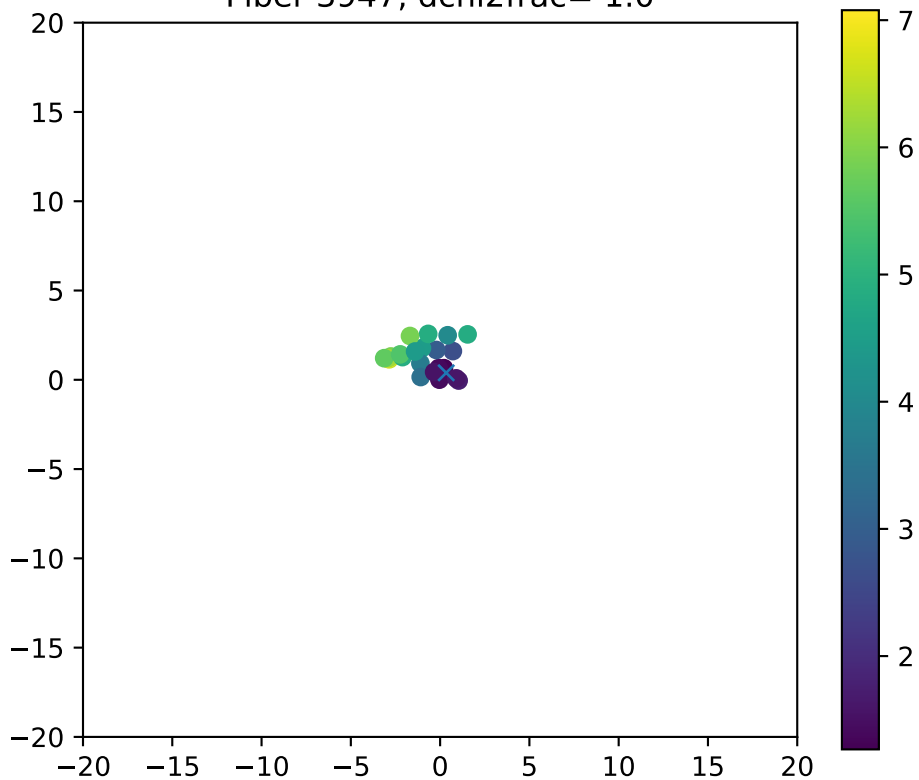
Fiber 3897, dchi2frac= 1.0



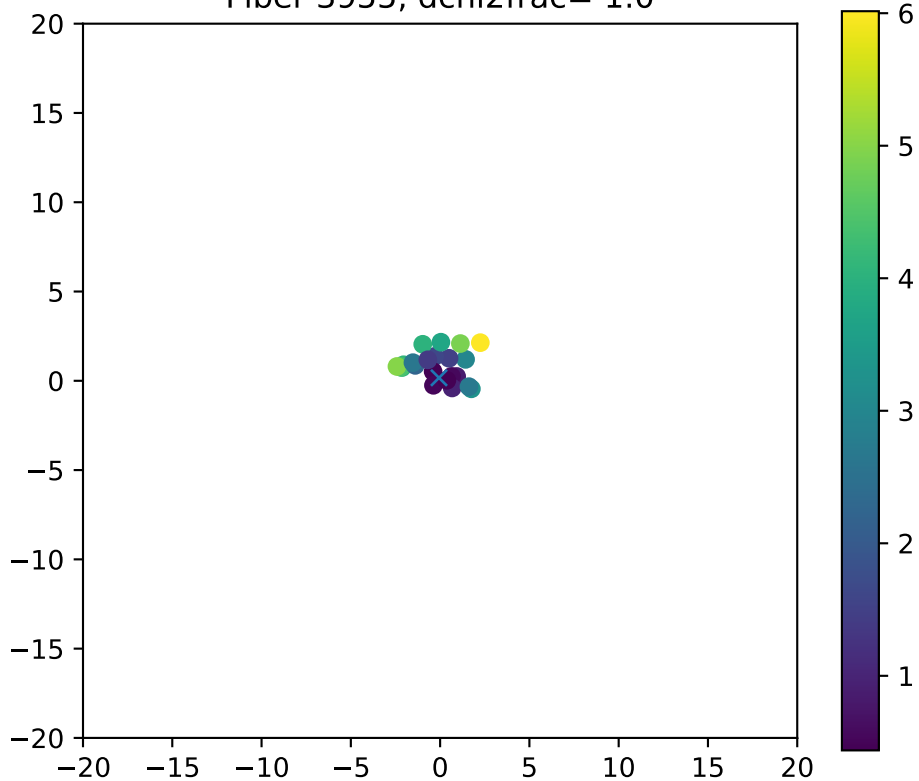
Fiber 3941, dchi2frac= 1.0



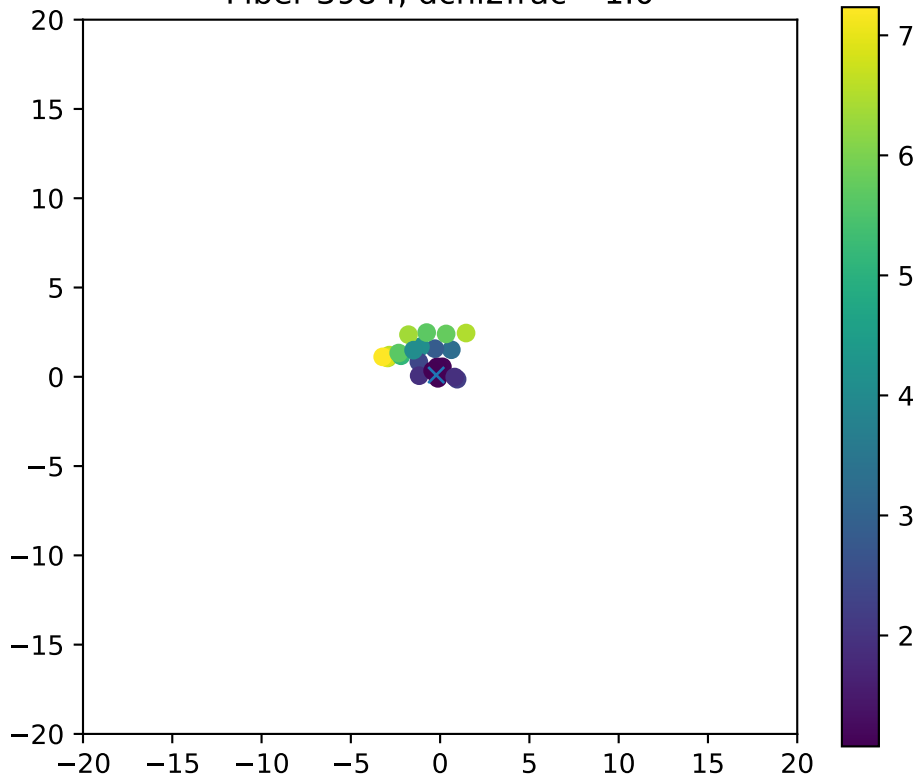
Fiber 3947, dchi2frac= 1.0



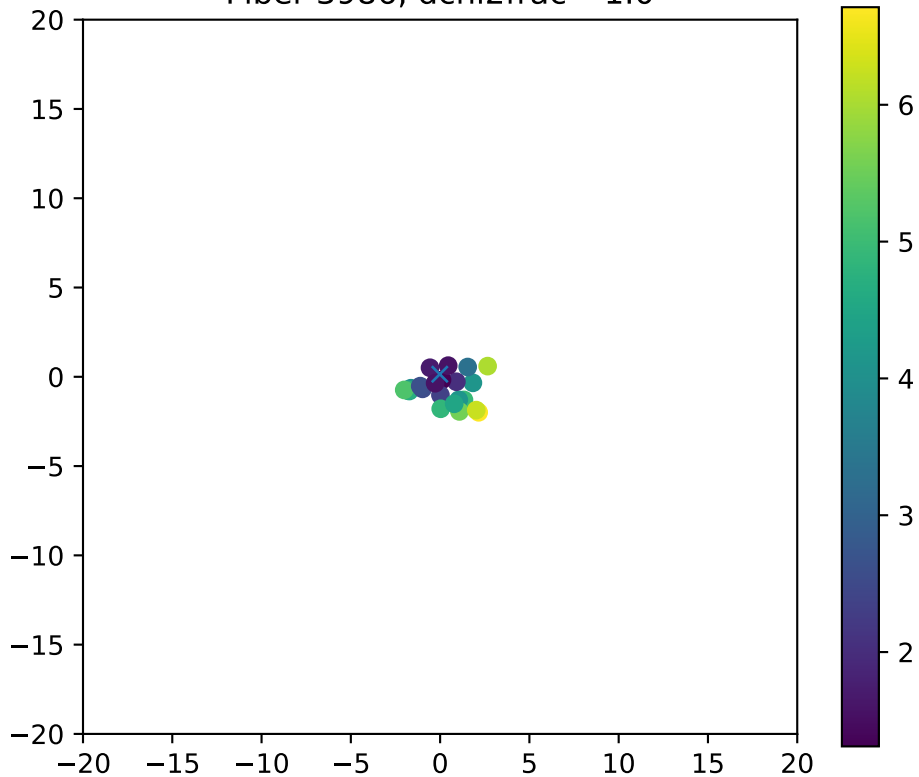
Fiber 3955, dchi2frac= 1.0



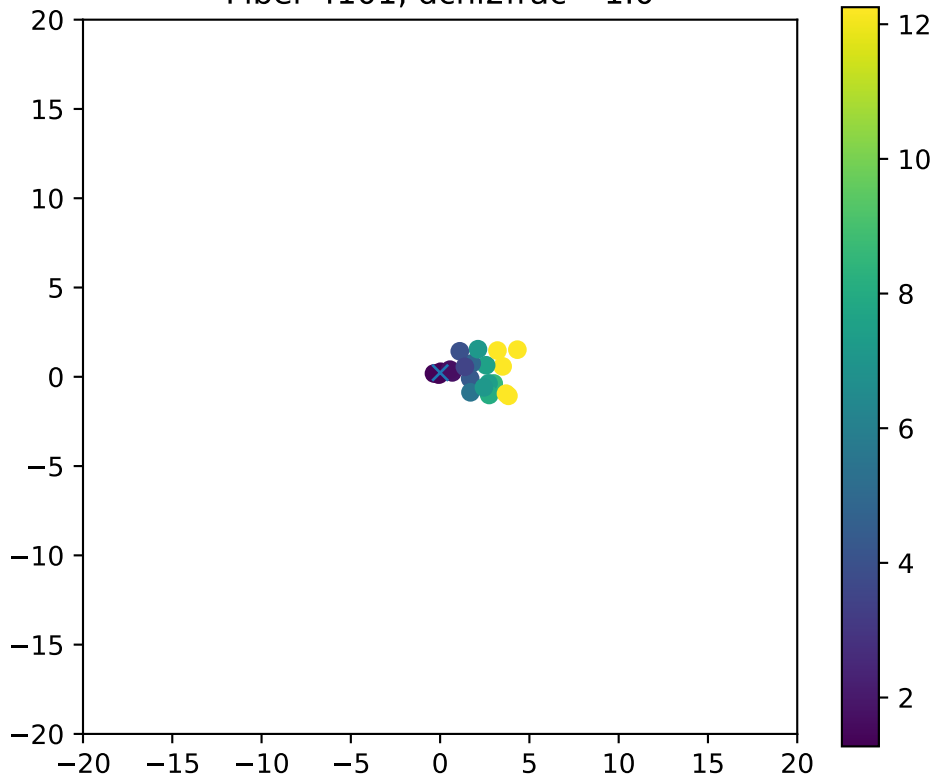
Fiber 3984, dchi2frac= 1.0



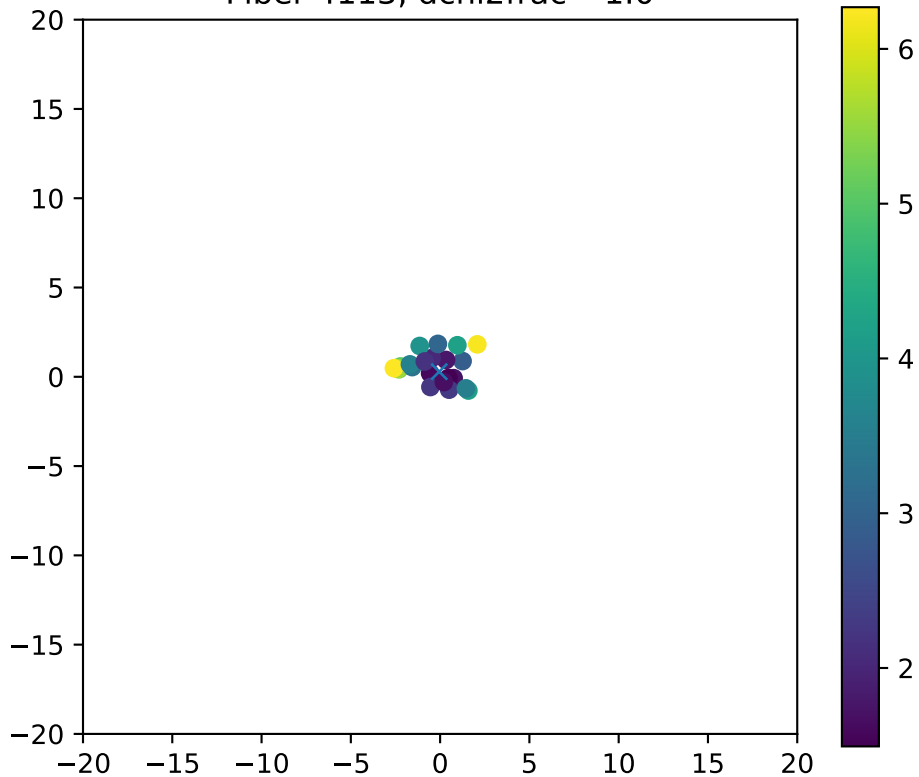
Fiber 3986, dchi2frac= 1.0



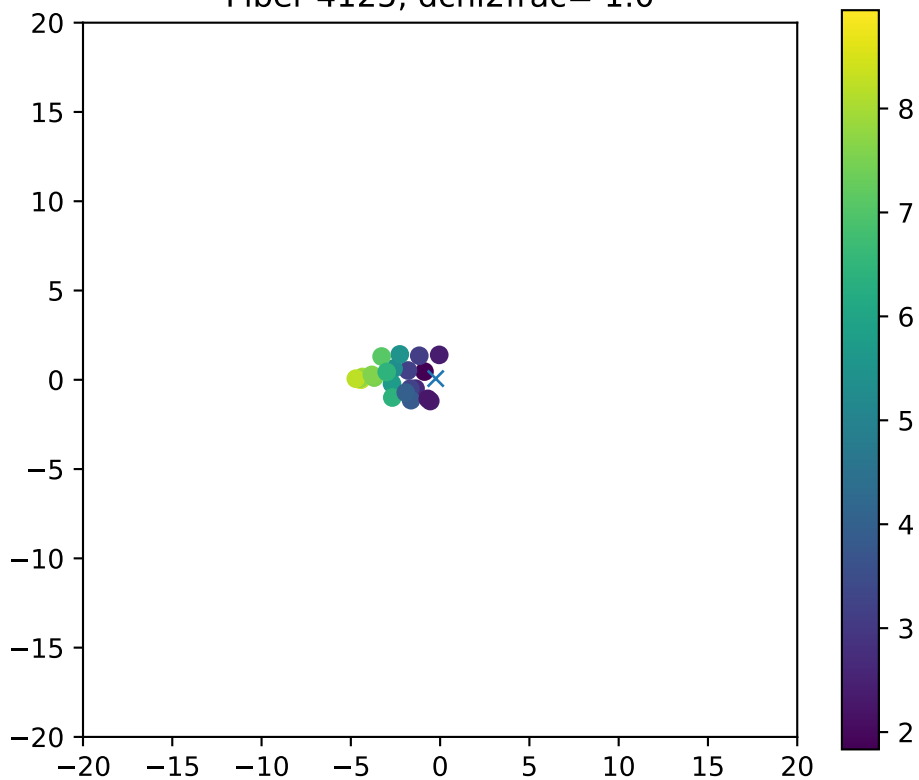
Fiber 4101, dchi2frac= 1.0



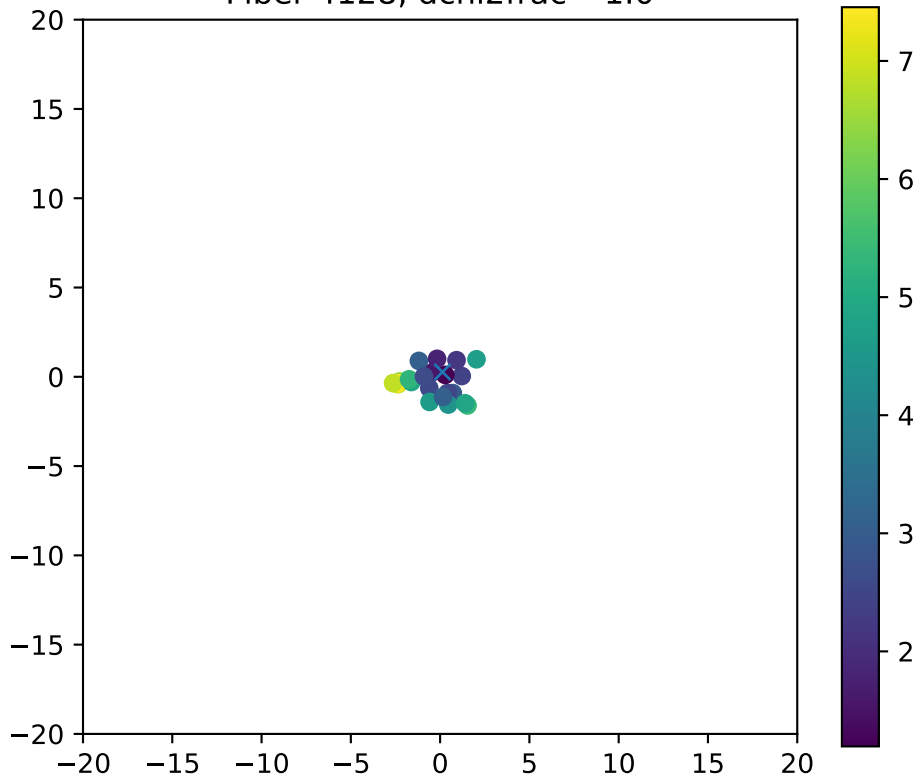
Fiber 4113, dchi2frac= 1.0



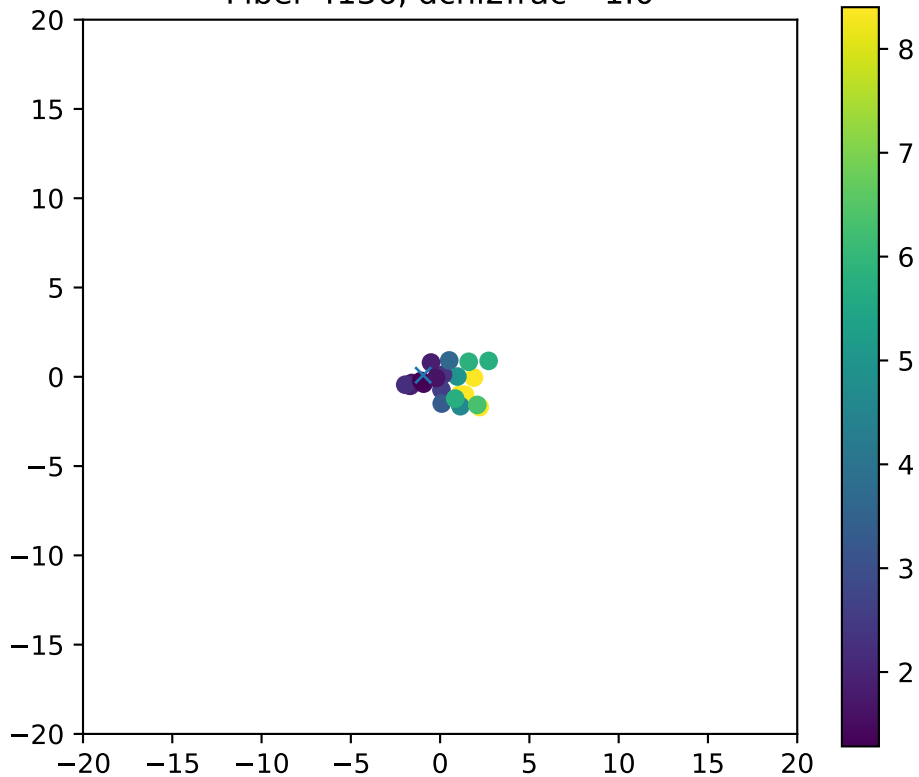
Fiber 4125, dchi2frac= 1.0



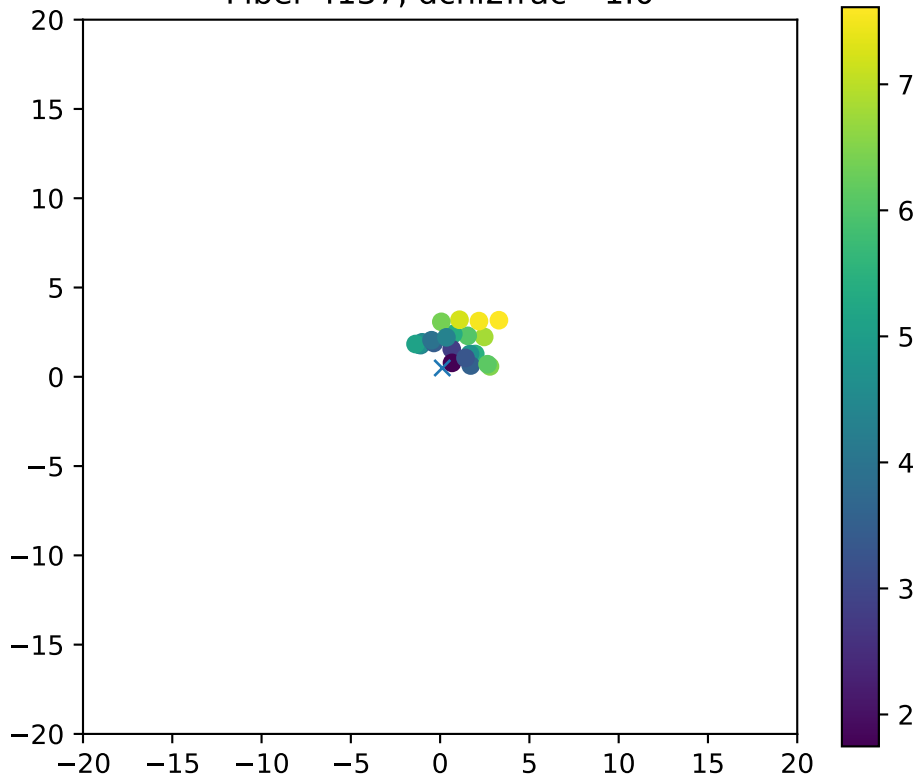
Fiber 4128, dchi2frac= 1.0



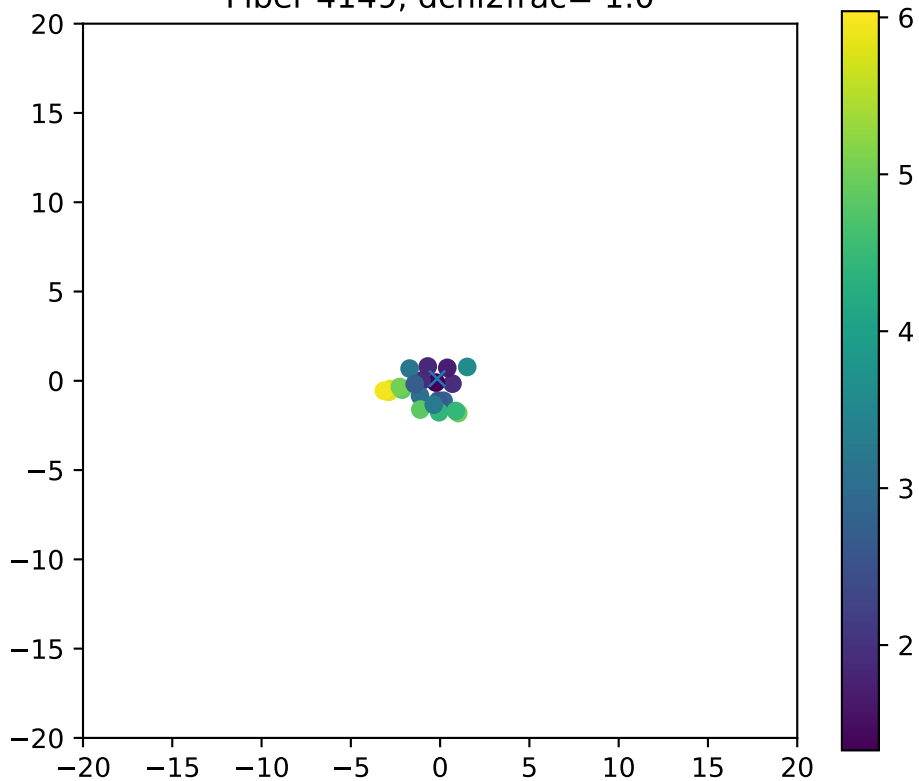
Fiber 4136, dchi2frac= 1.0



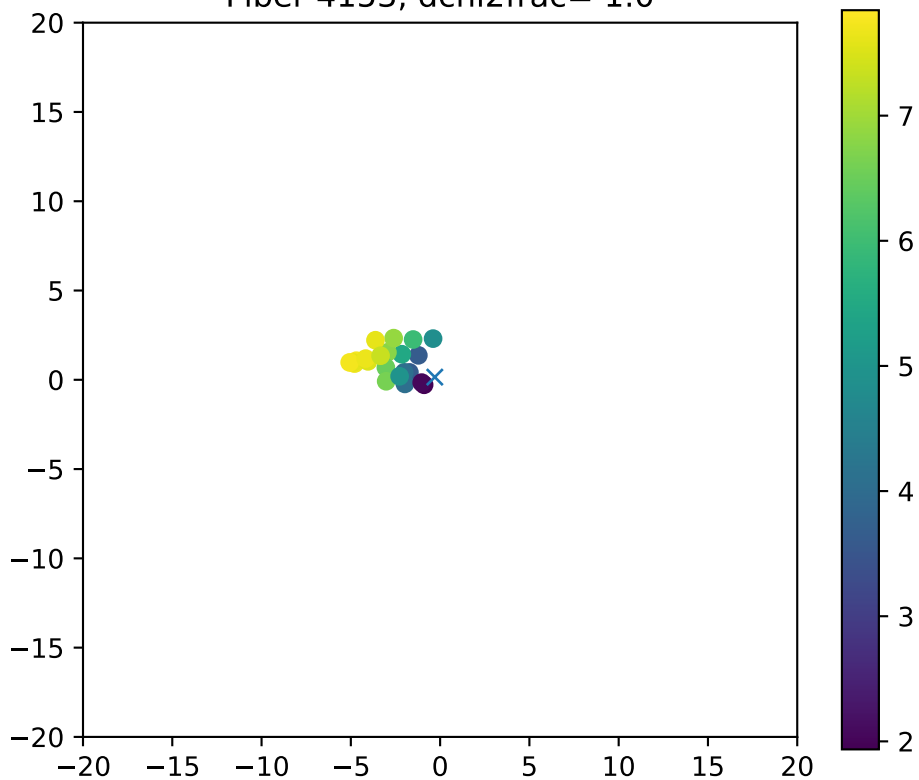
Fiber 4137, dchi2frac= 1.0



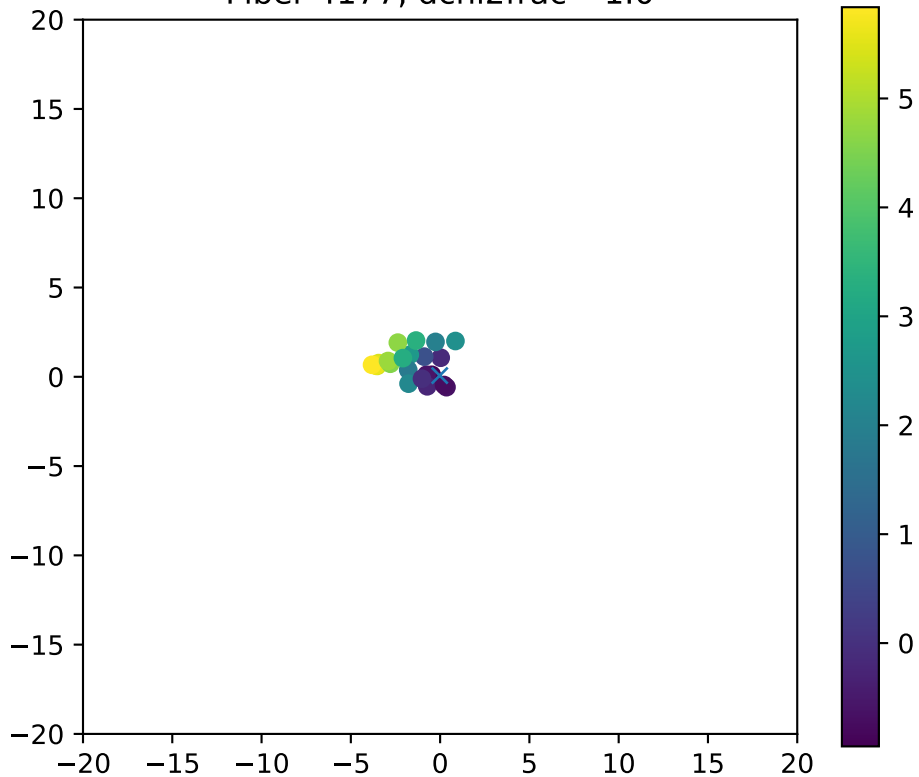
Fiber 4149, dchi2frac= 1.0



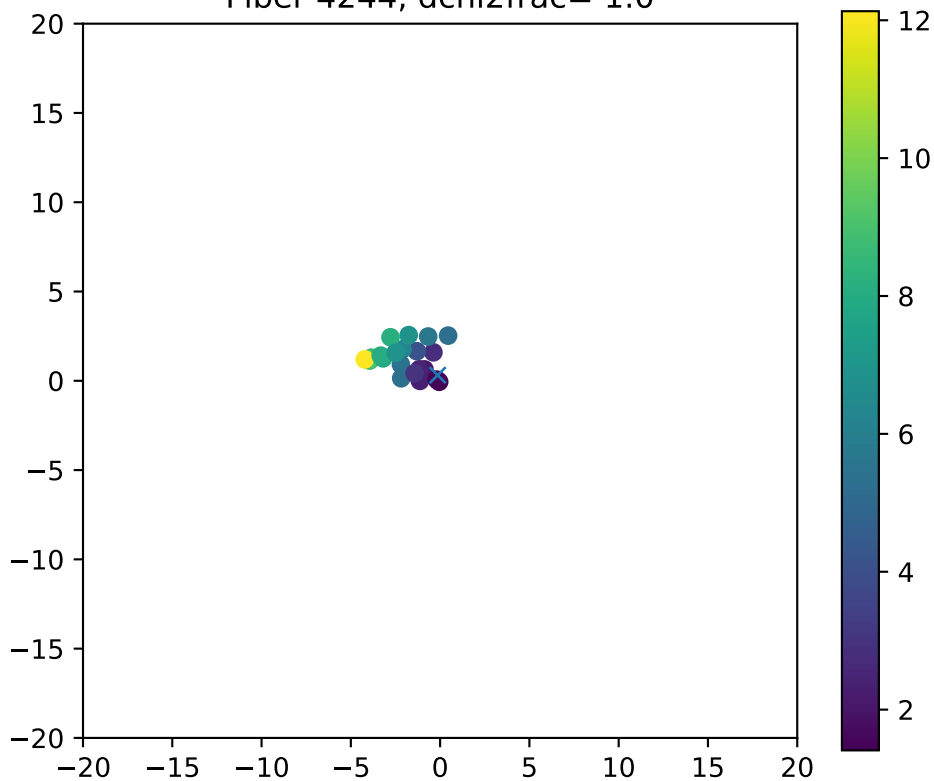
Fiber 4153, dchi2frac= 1.0



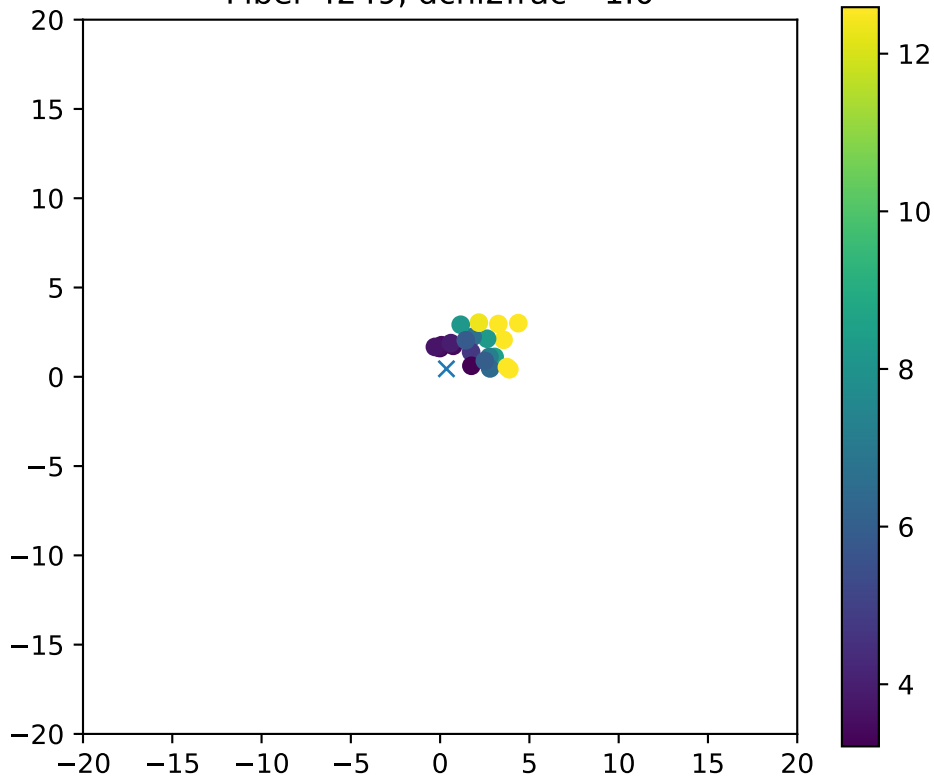
Fiber 4177, dchi2frac= 1.0



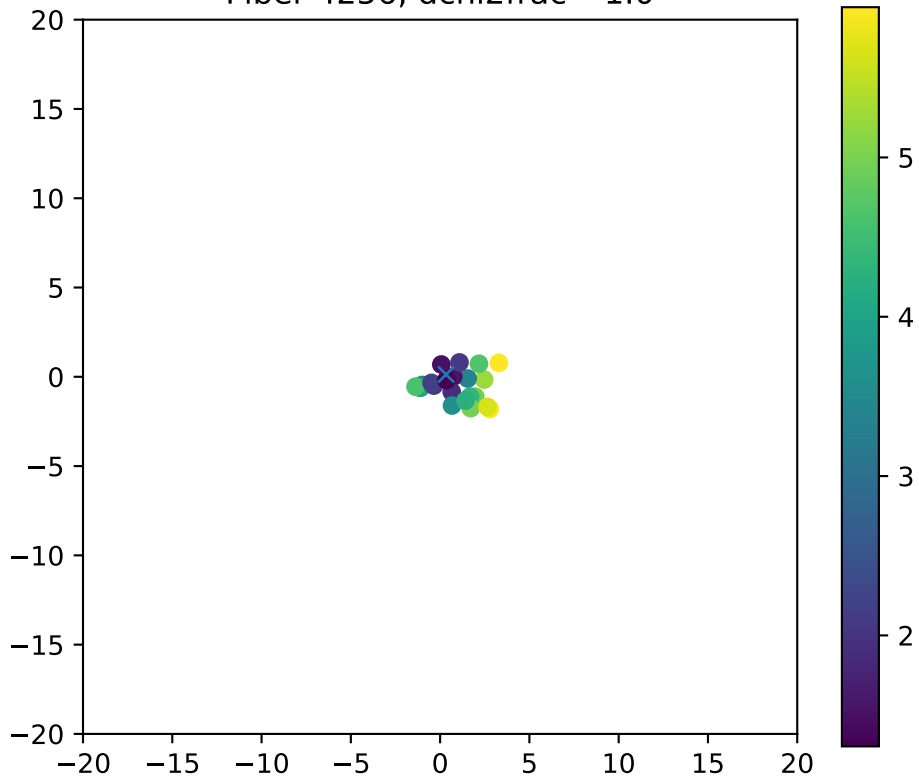
Fiber 4244, dchi2frac= 1.0



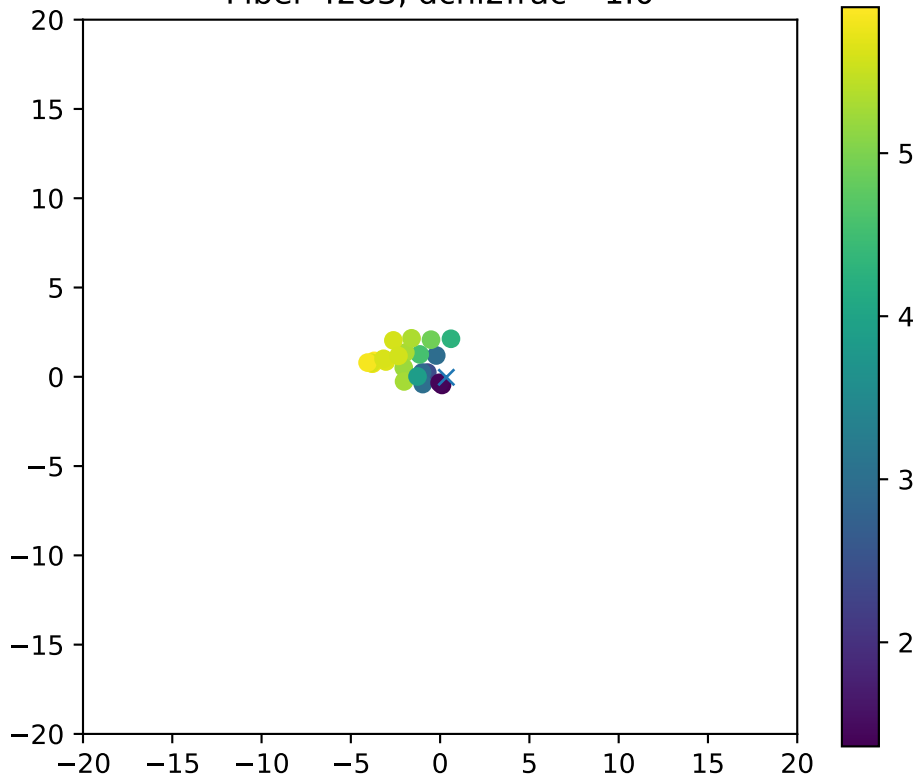
Fiber 4249, dchi2frac= 1.0



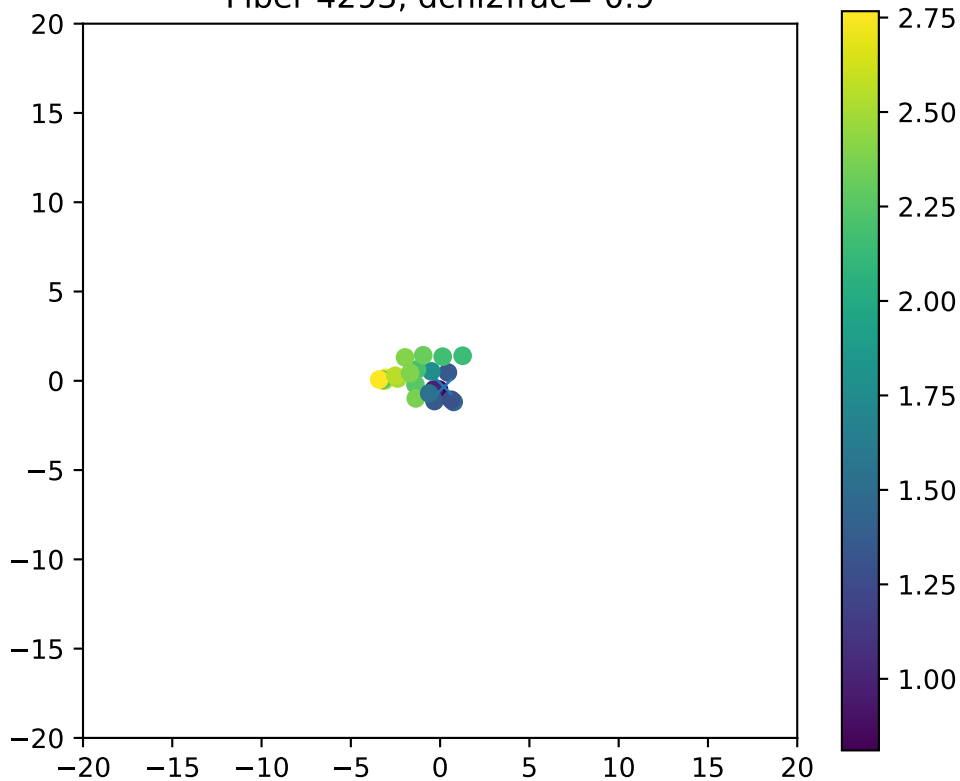
Fiber 4256, dchi2frac= 1.0



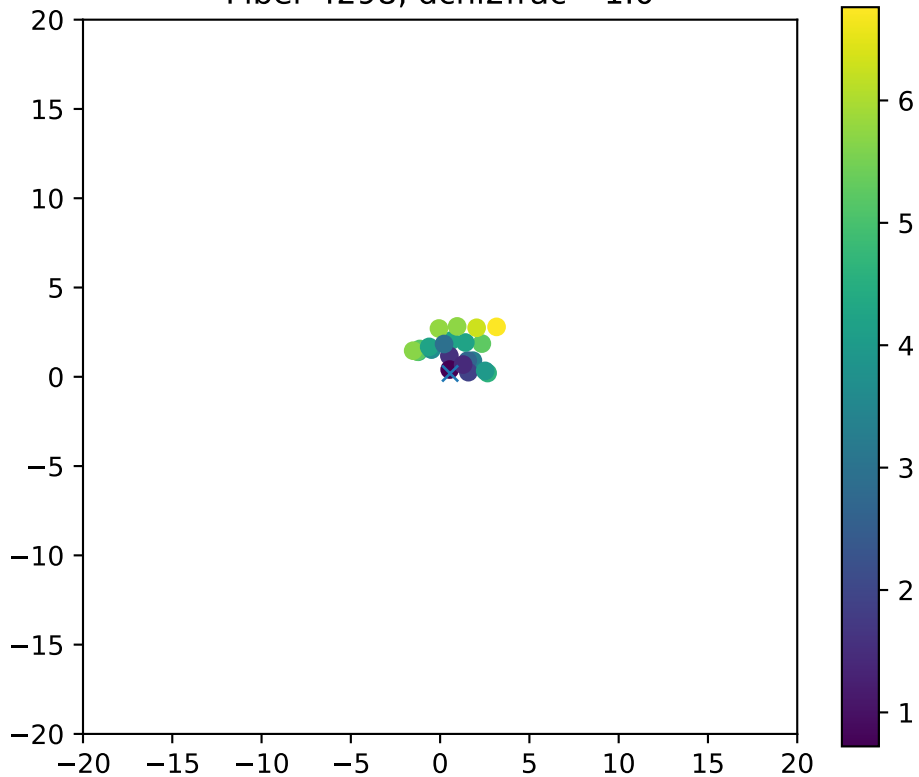
Fiber 4283, dchi2frac= 1.0



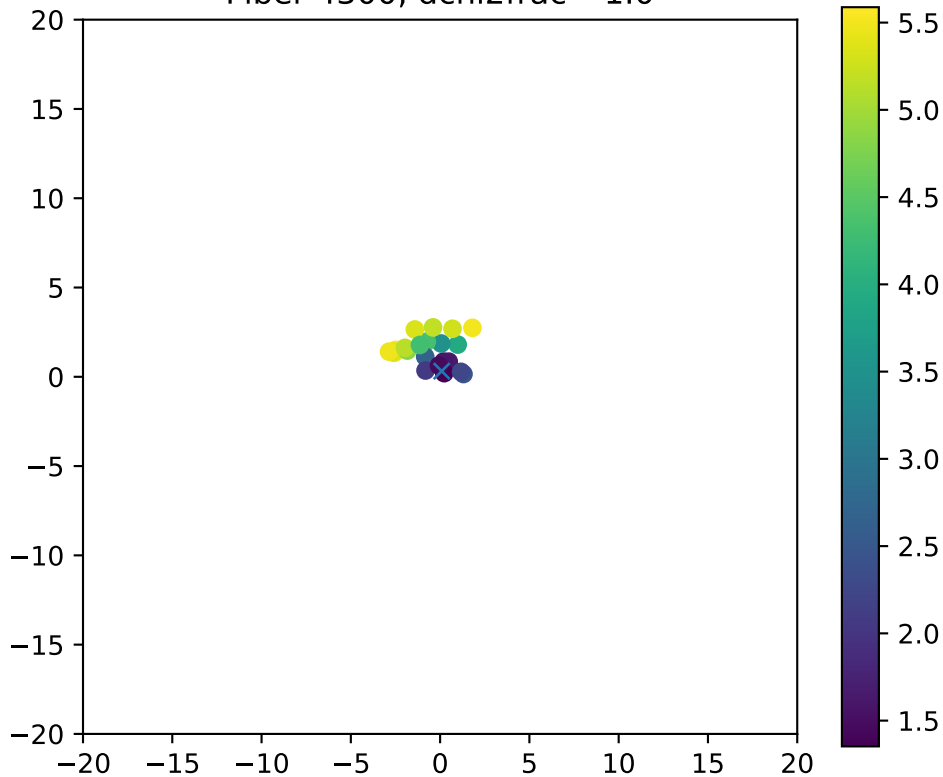
Fiber 4293, dchi2frac= 0.9



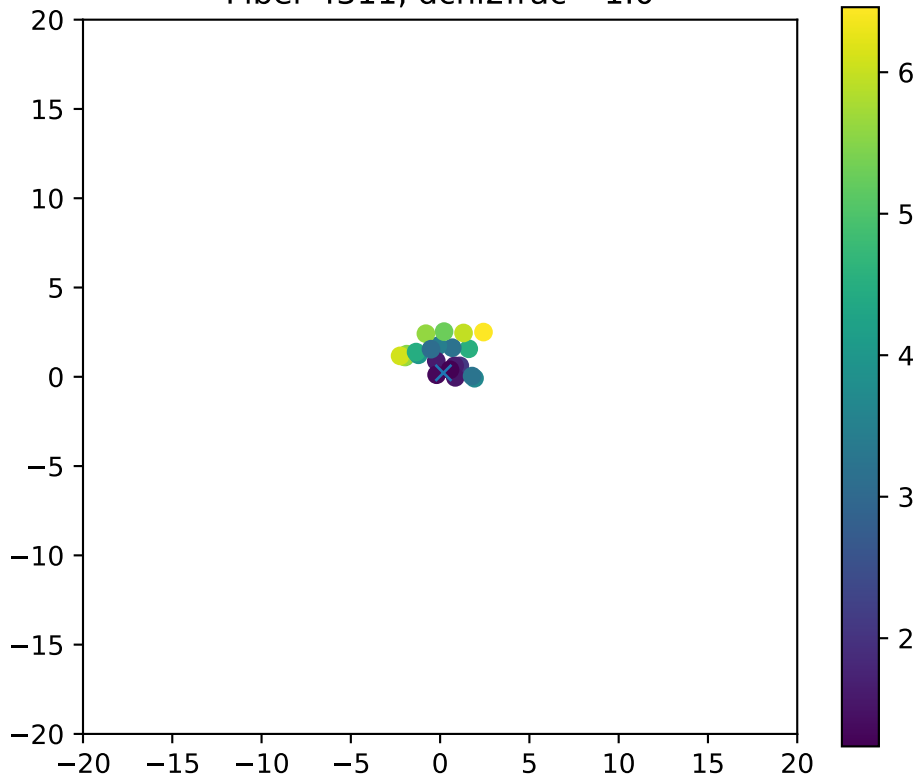
Fiber 4298, dchi2frac= 1.0



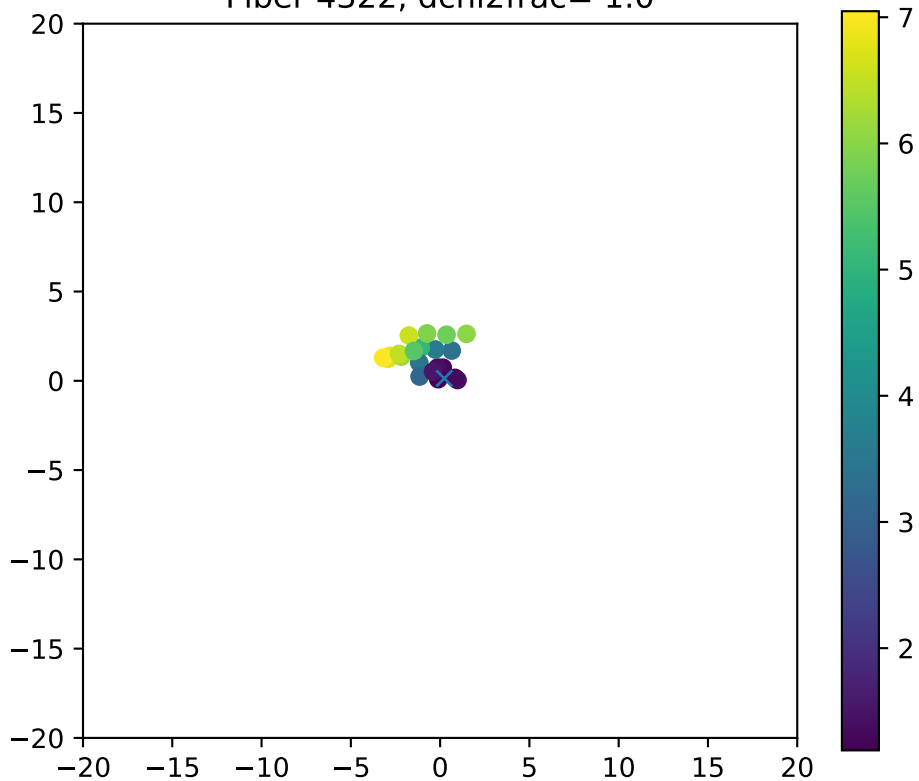
Fiber 4300, dchi2frac= 1.0



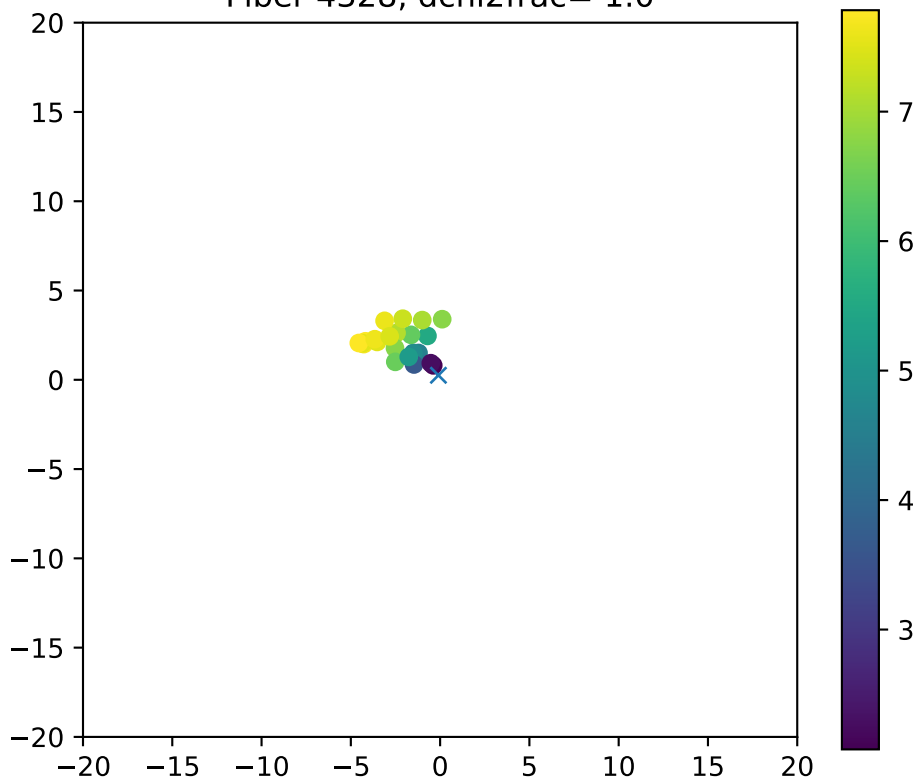
Fiber 4311, dchi2frac= 1.0



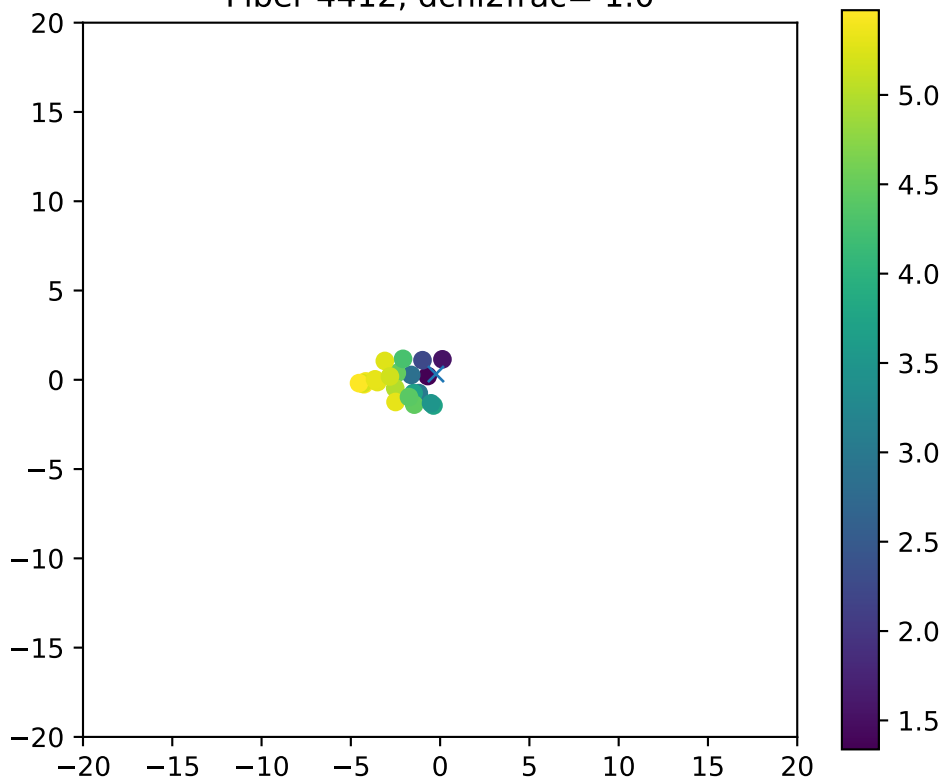
Fiber 4322, dchi2frac= 1.0



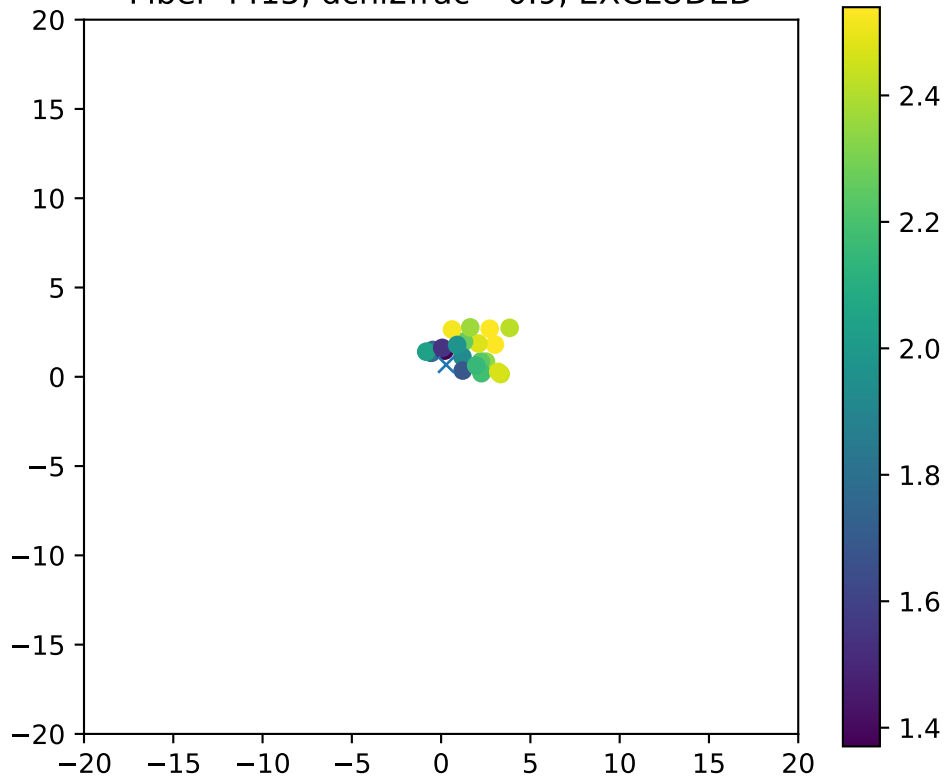
Fiber 4328, dchi2frac= 1.0



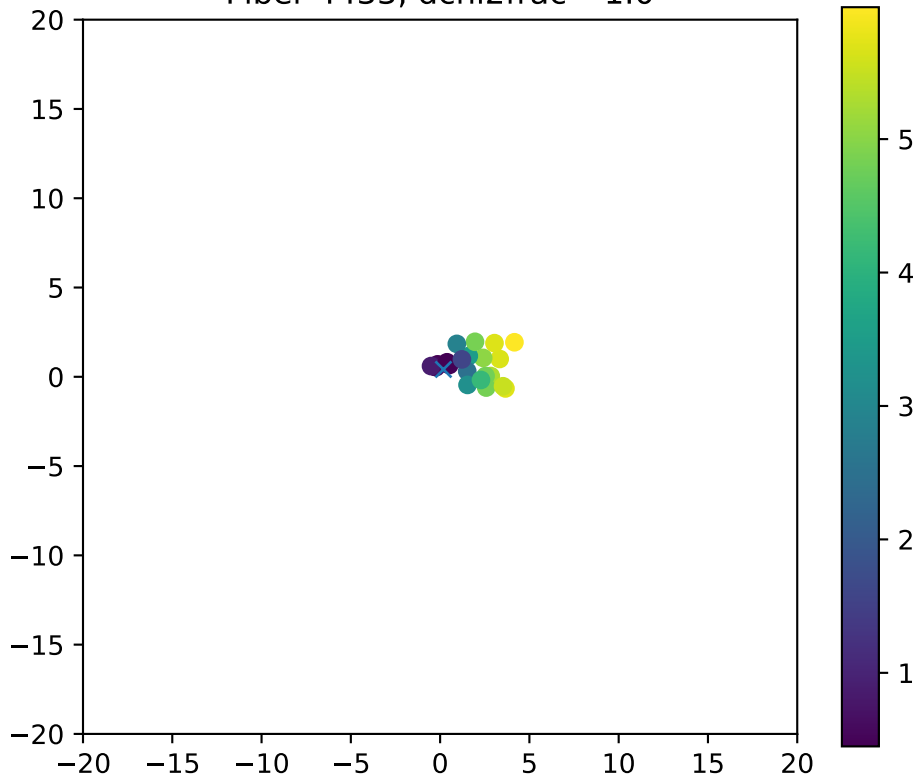
Fiber 4412, dchi2frac= 1.0



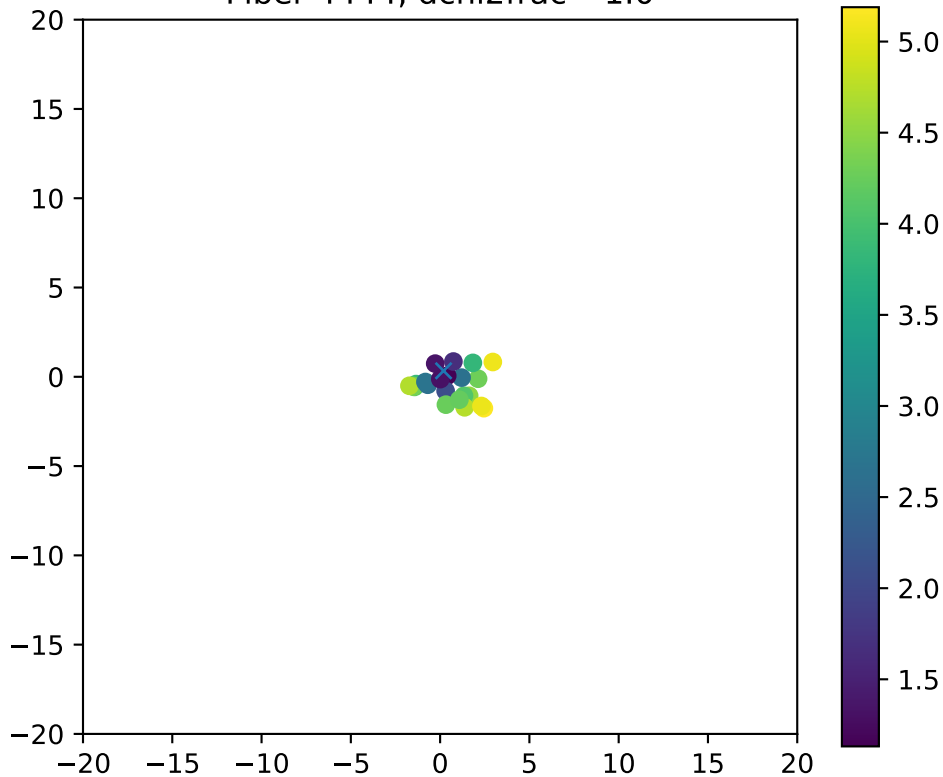
Fiber 4415, dchi2frac= 0.9, EXCLUDED



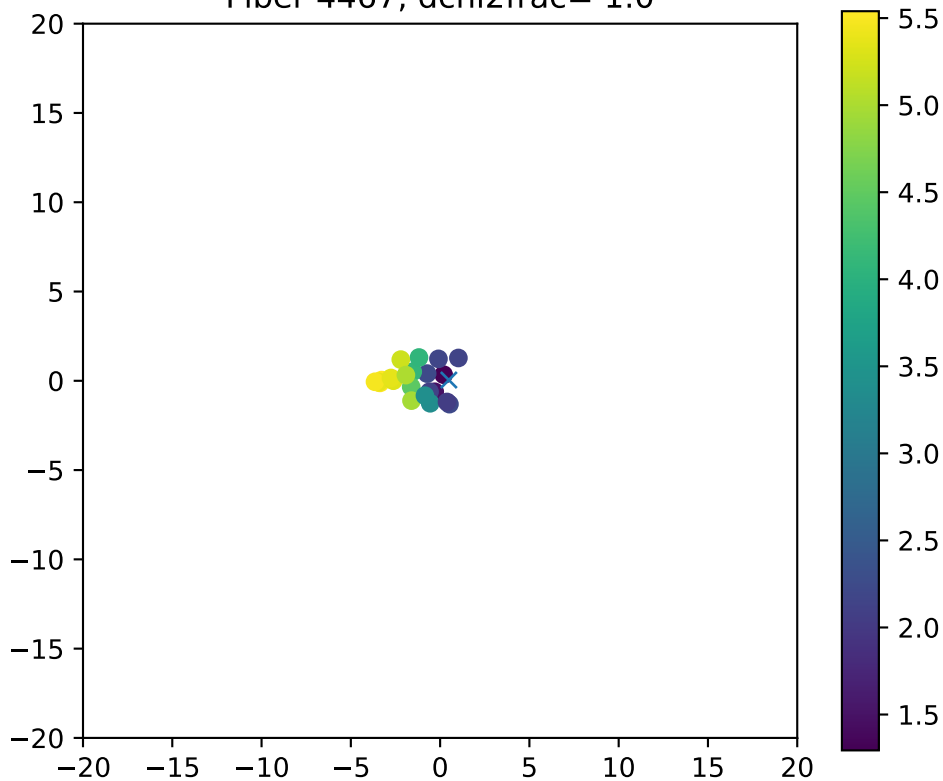
Fiber 4433, dchi2frac= 1.0



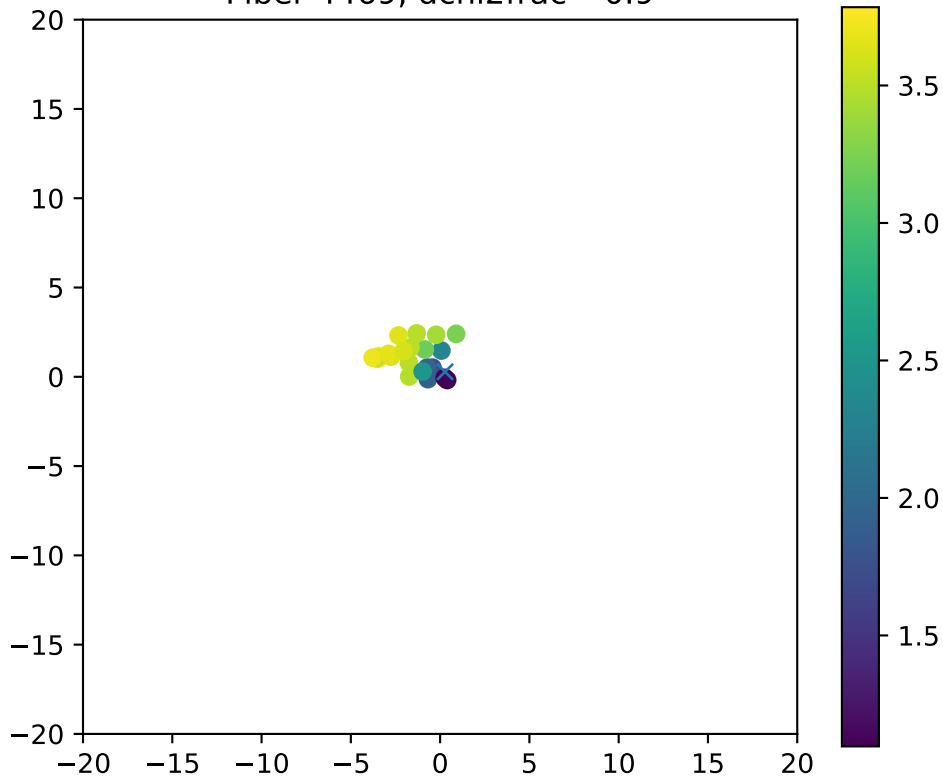
Fiber 4444, dchi2frac= 1.0



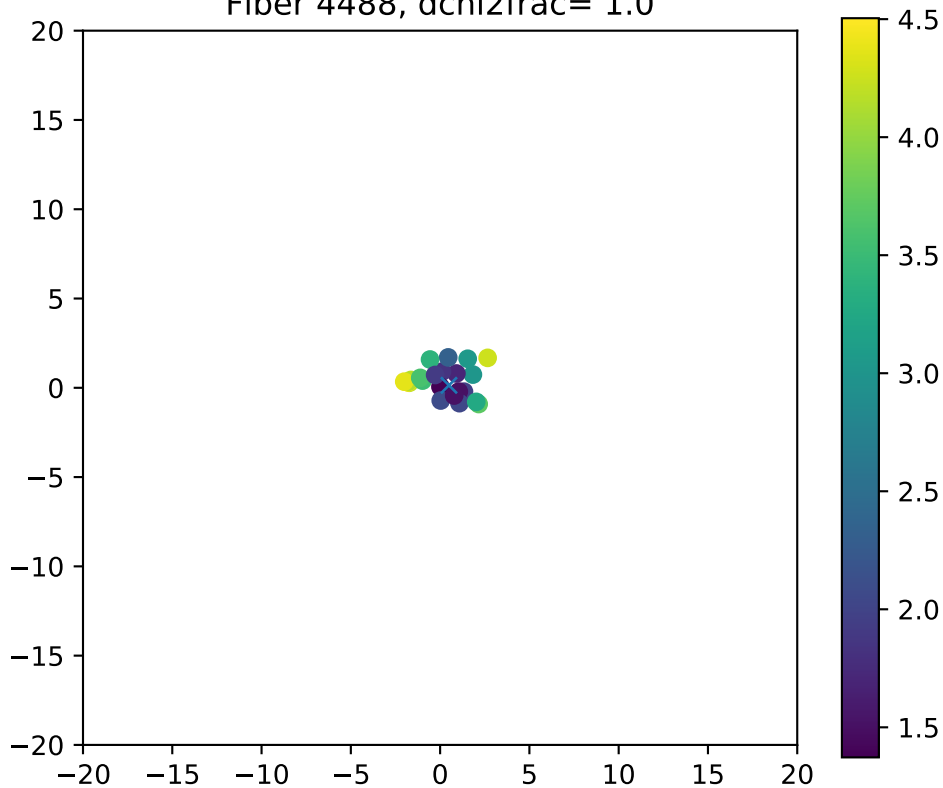
Fiber 4467, dchi2frac= 1.0



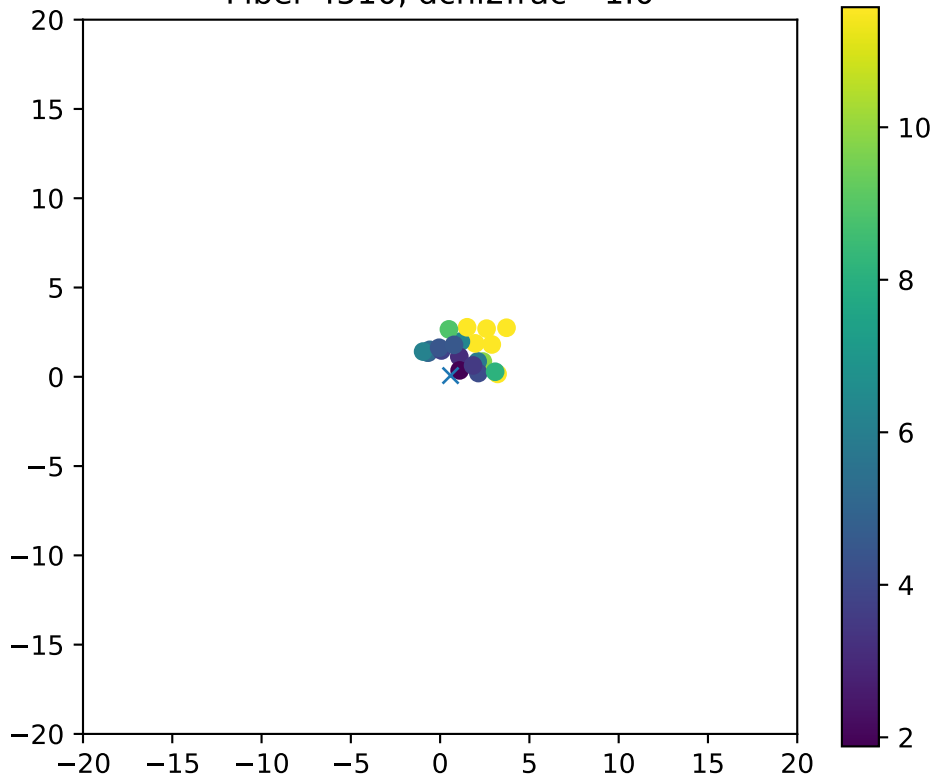
Fiber 4469, dchi2frac= 0.9



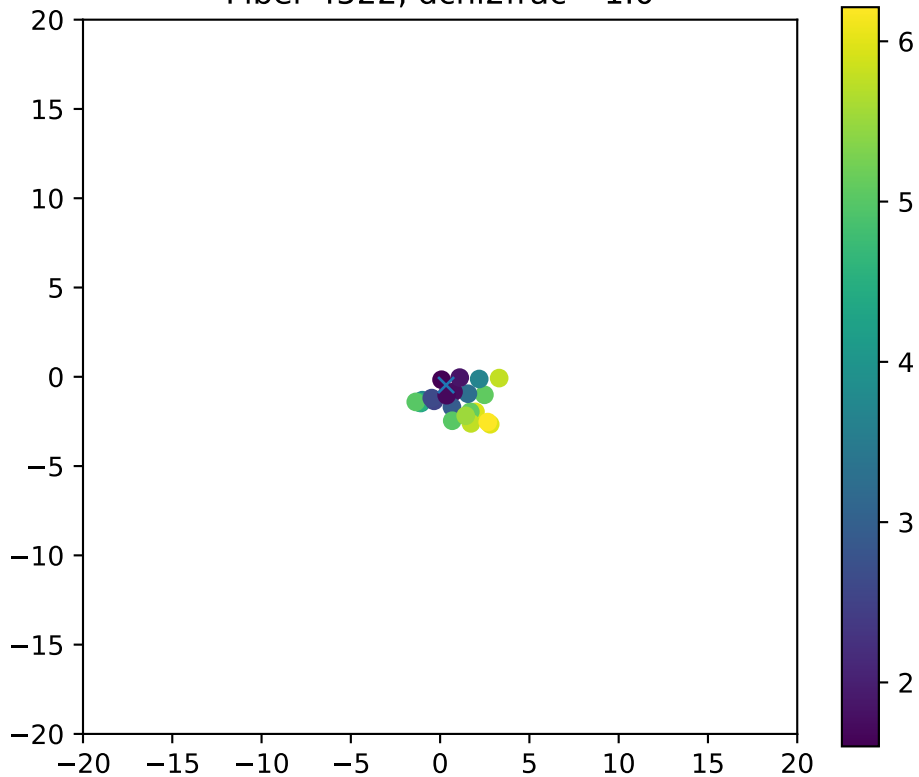
Fiber 4488, dchi2frac= 1.0



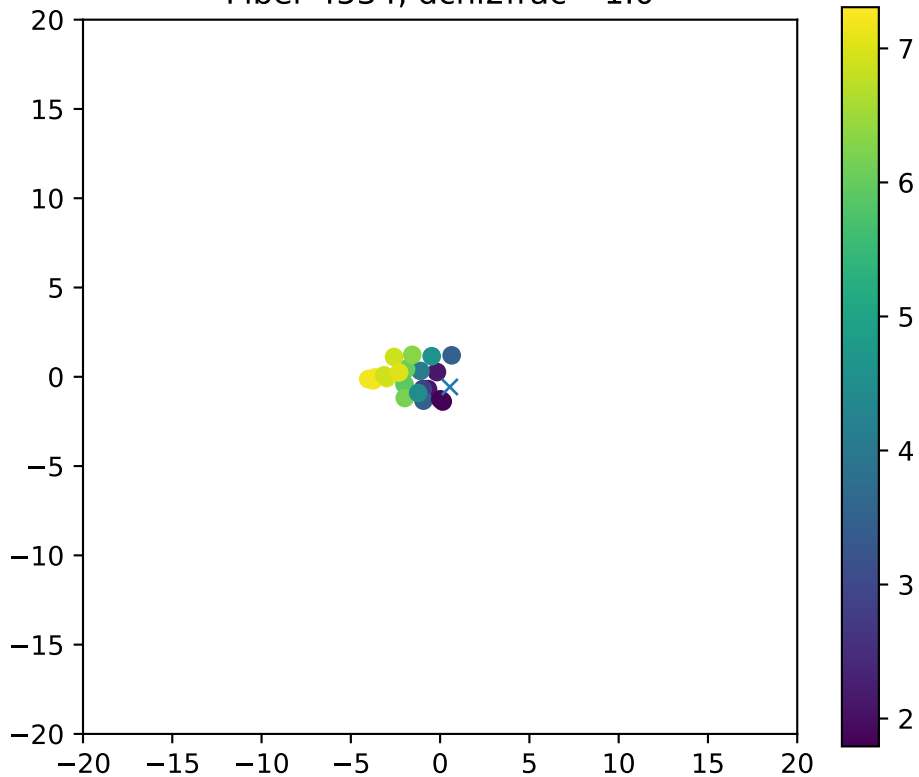
Fiber 4510, dchi2frac= 1.0



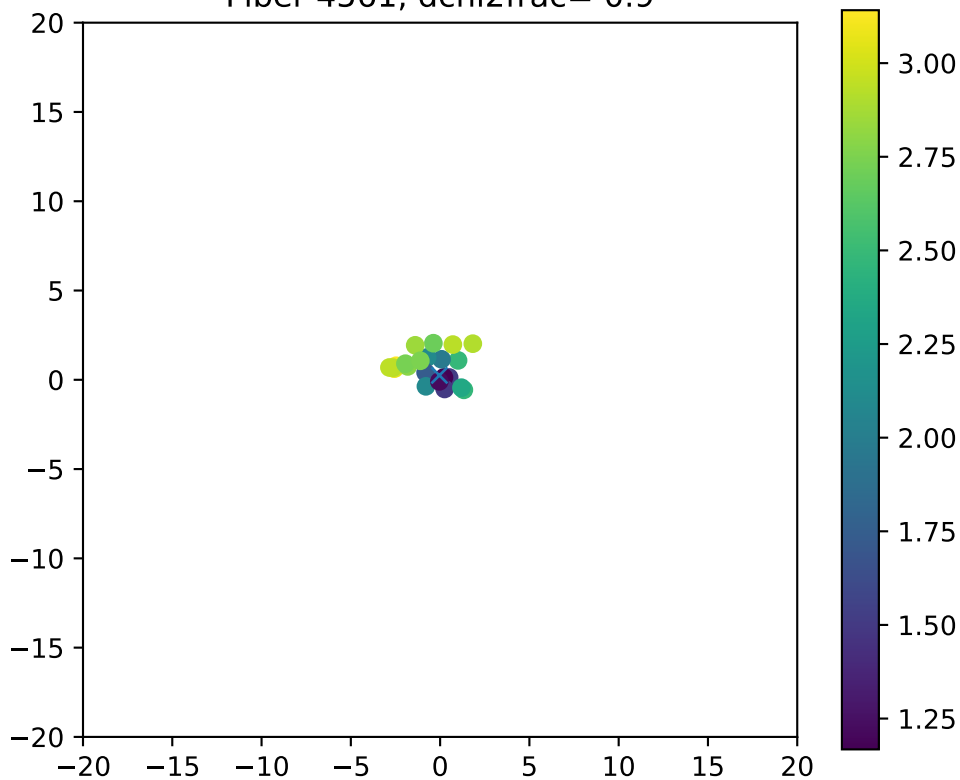
Fiber 4522, dchi2frac= 1.0



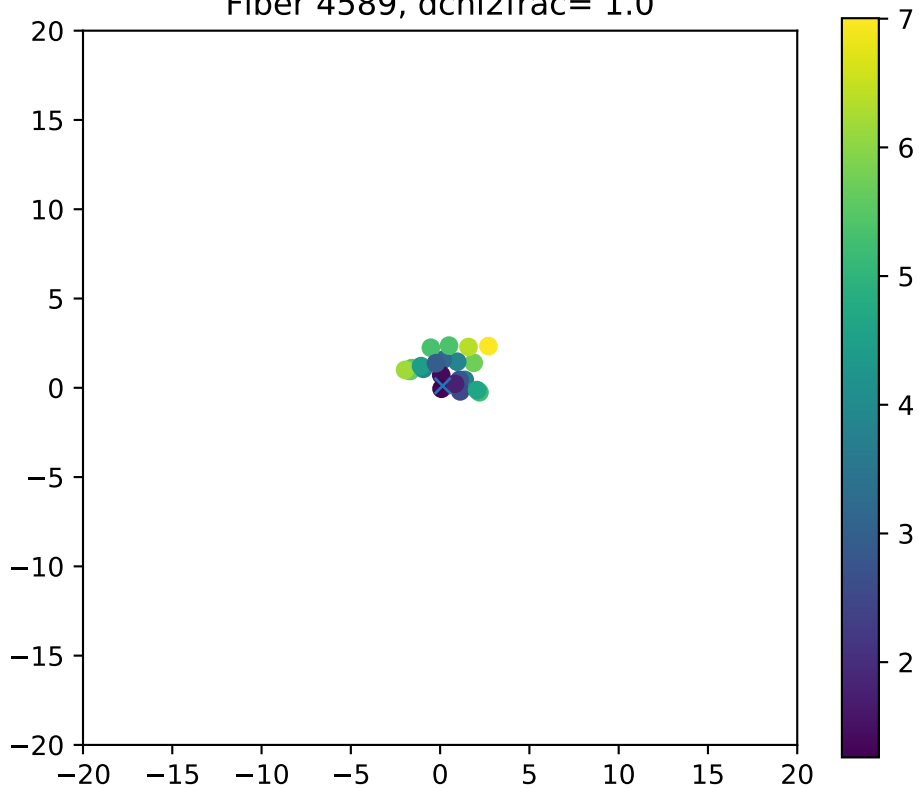
Fiber 4534, dchi2frac= 1.0



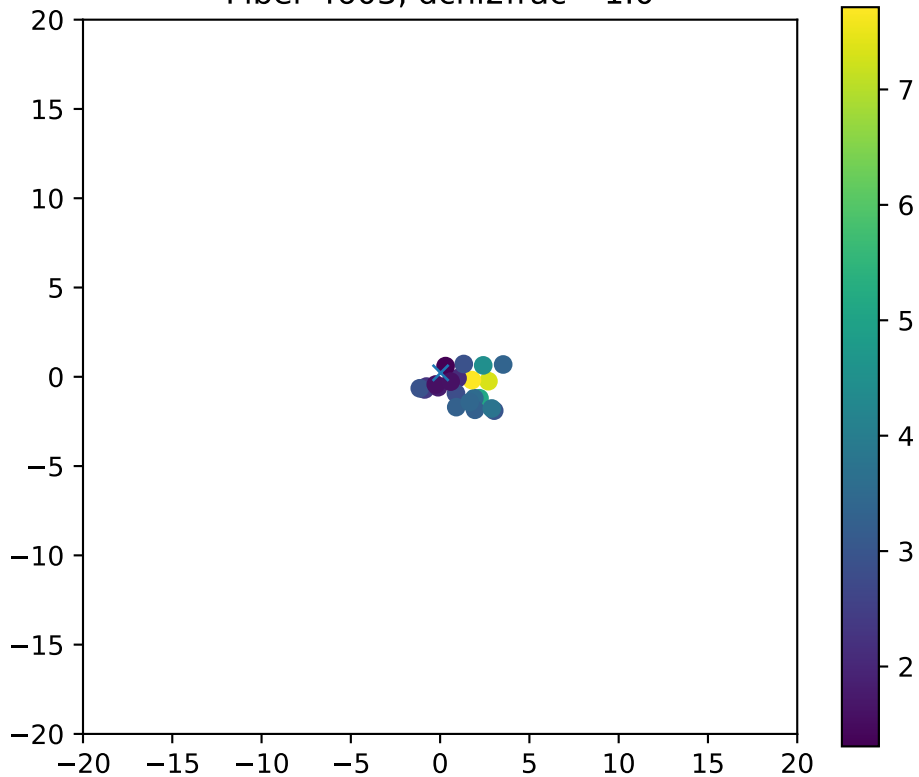
Fiber 4561, dchi2frac= 0.9



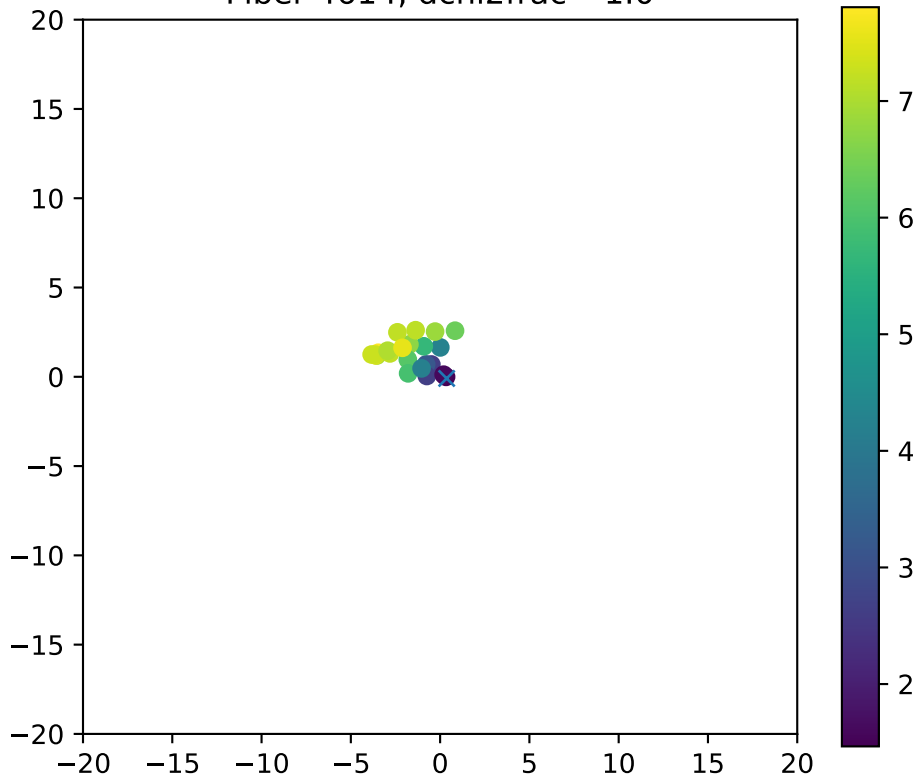
Fiber 4589, dchi2frac= 1.0



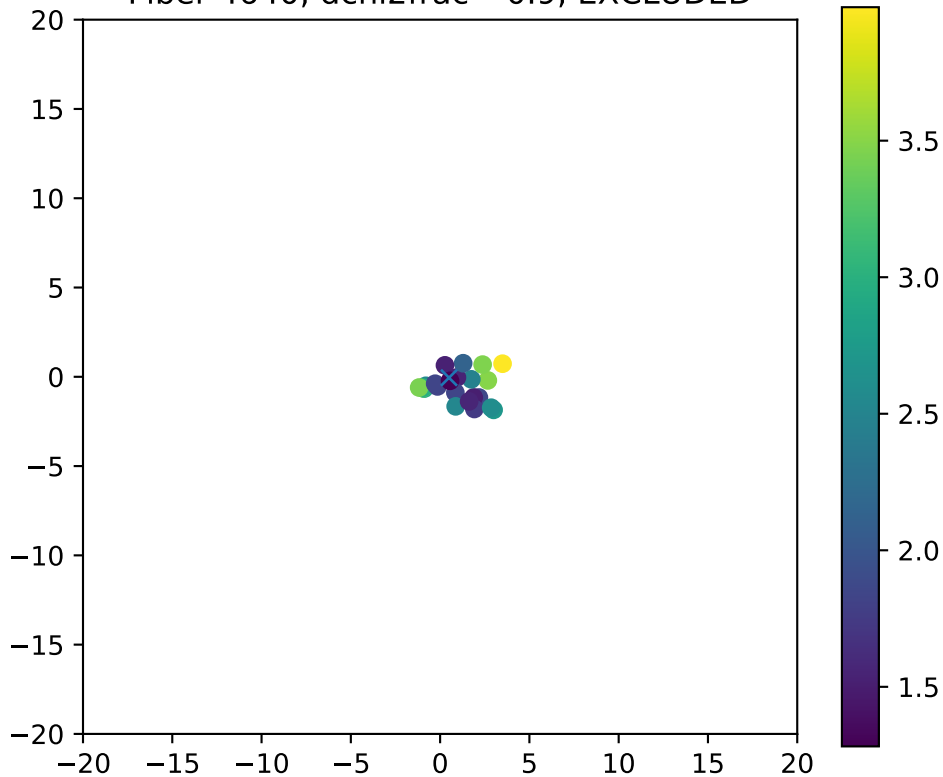
Fiber 4603, dchi2frac= 1.0



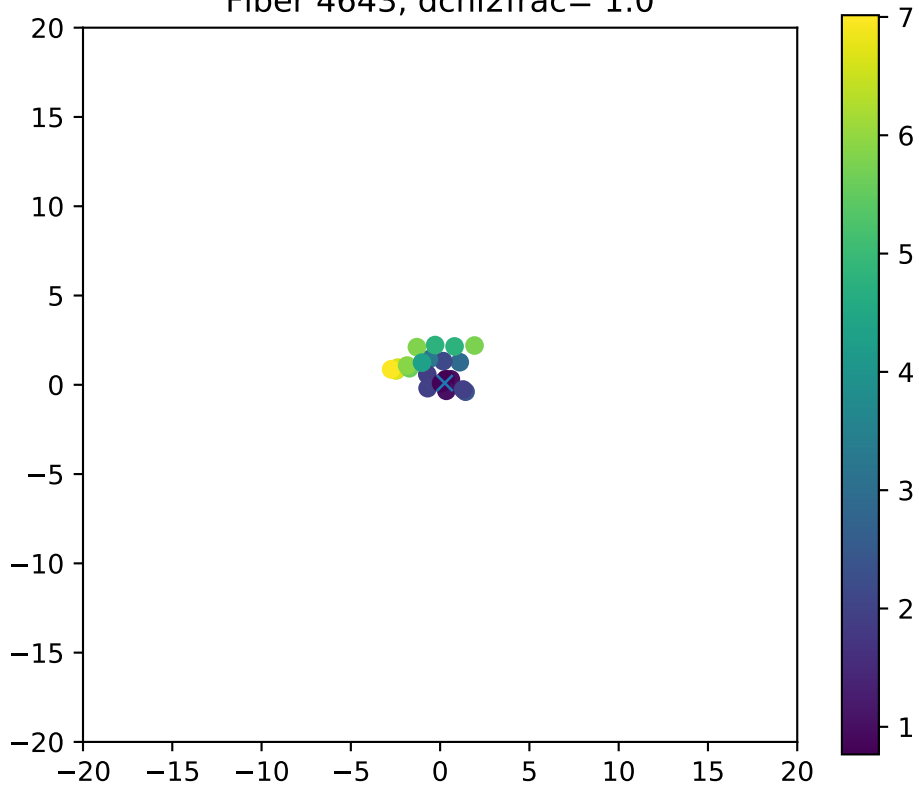
Fiber 4614, dchi2frac= 1.0



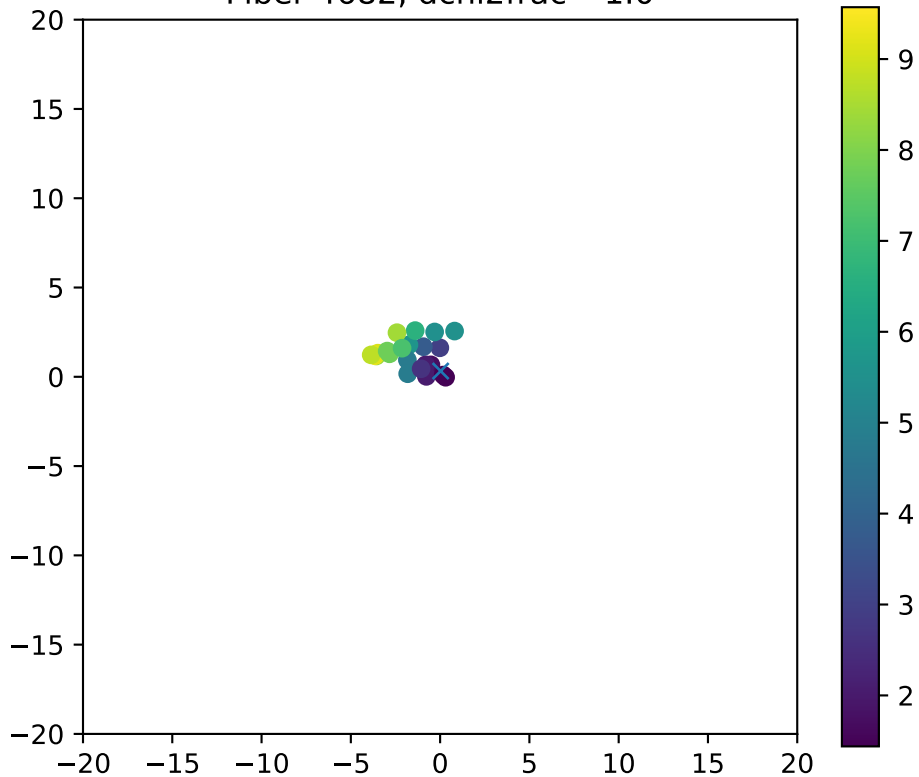
Fiber 4640, dchi2frac= 0.9, EXCLUDED



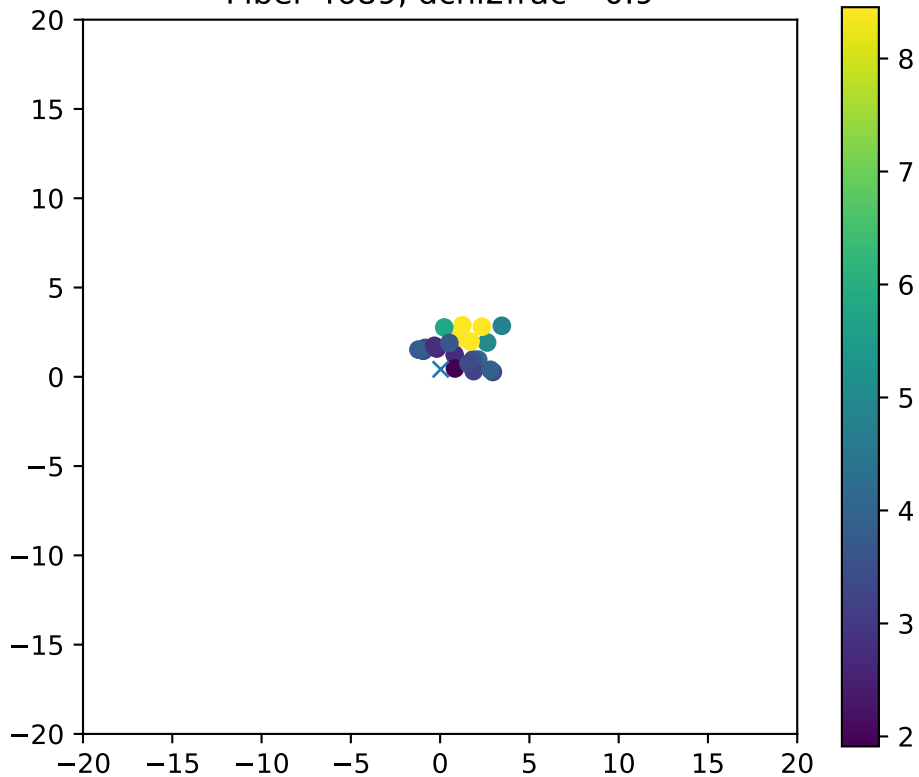
Fiber 4643, dchi2frac= 1.0



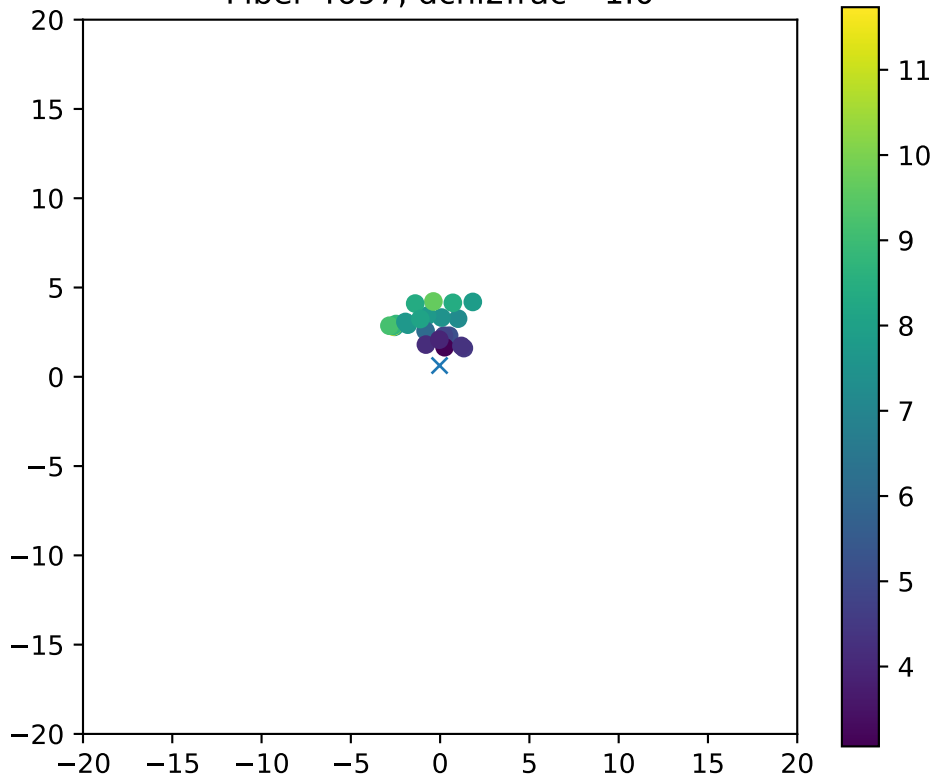
Fiber 4682, dchi2frac= 1.0



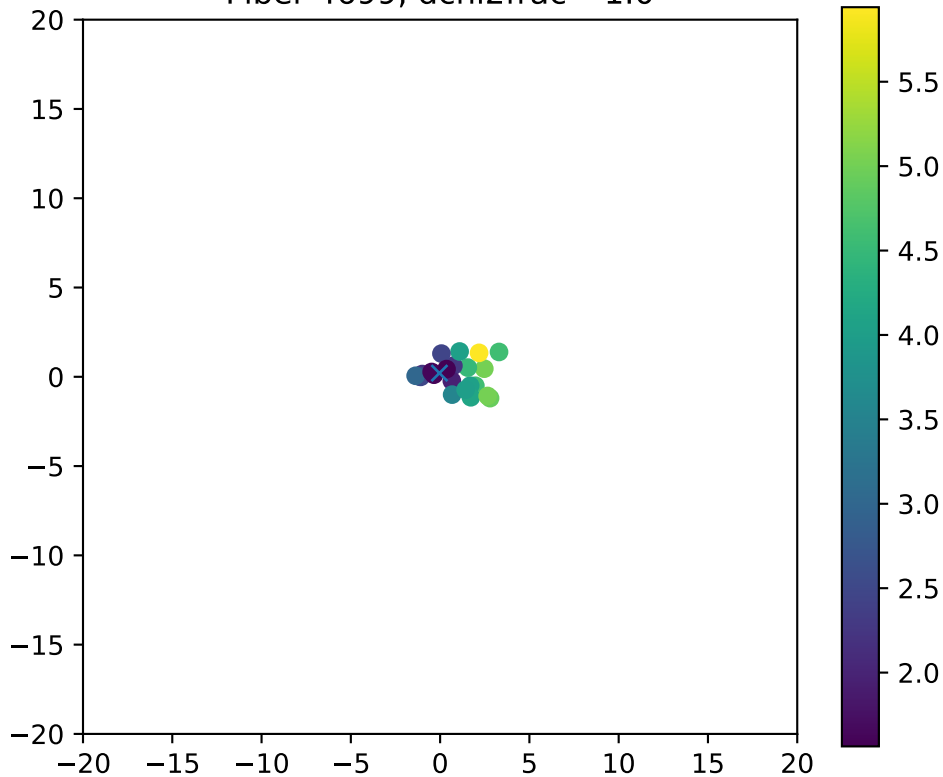
Fiber 4689, dchi2frac= 0.9



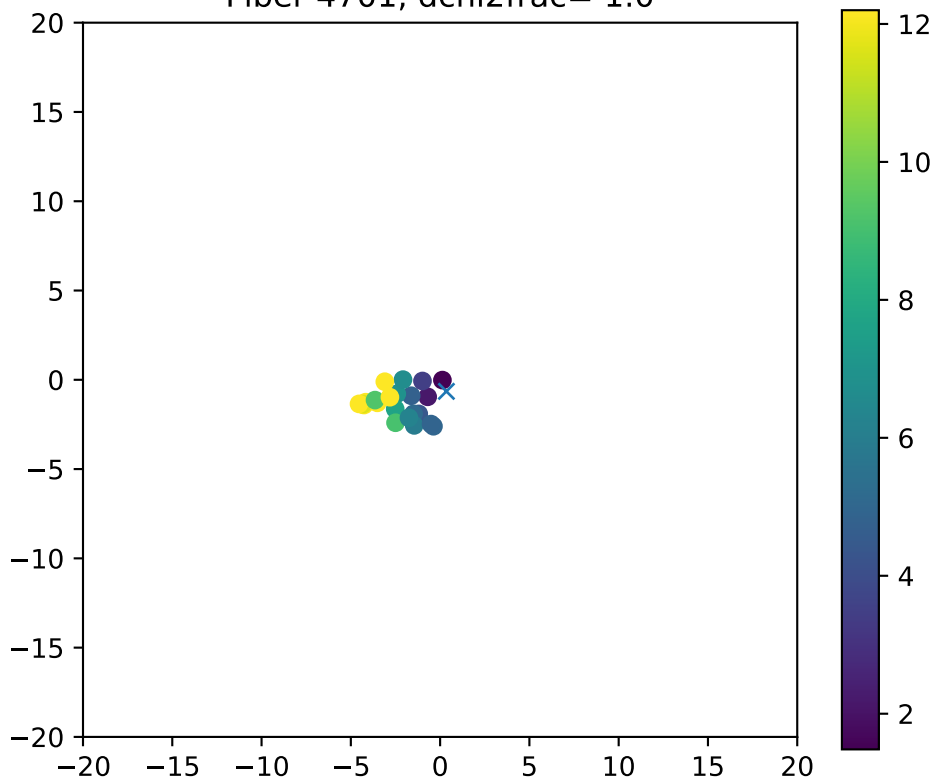
Fiber 4697, dchi2frac= 1.0



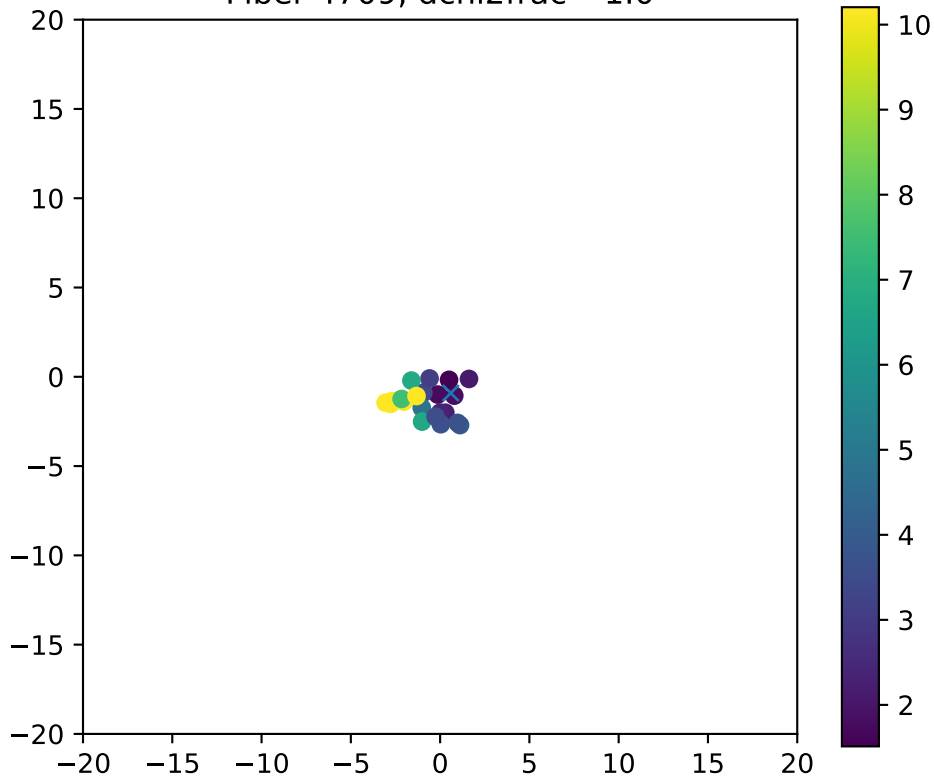
Fiber 4699, dchi2frac= 1.0



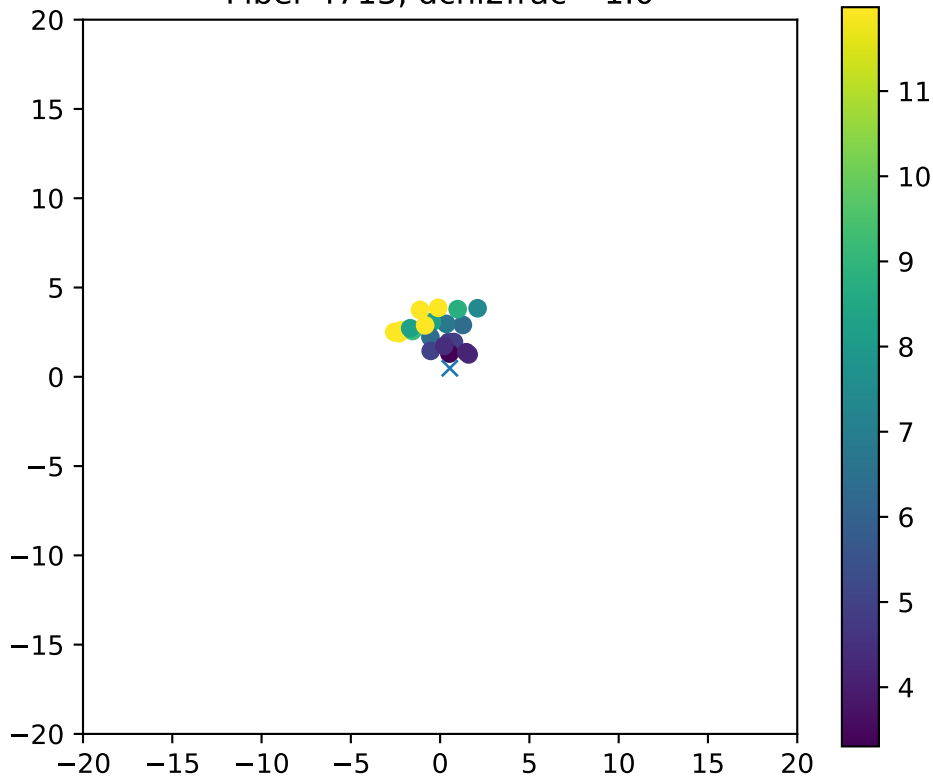
Fiber 4701, dchi2frac= 1.0



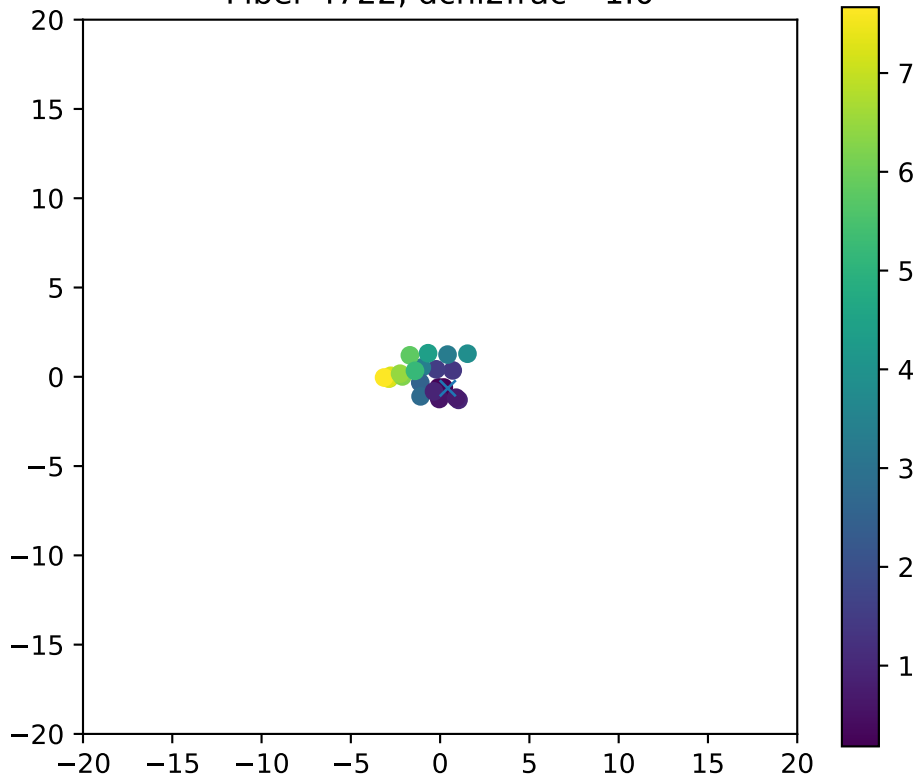
Fiber 4709, dchi2frac= 1.0



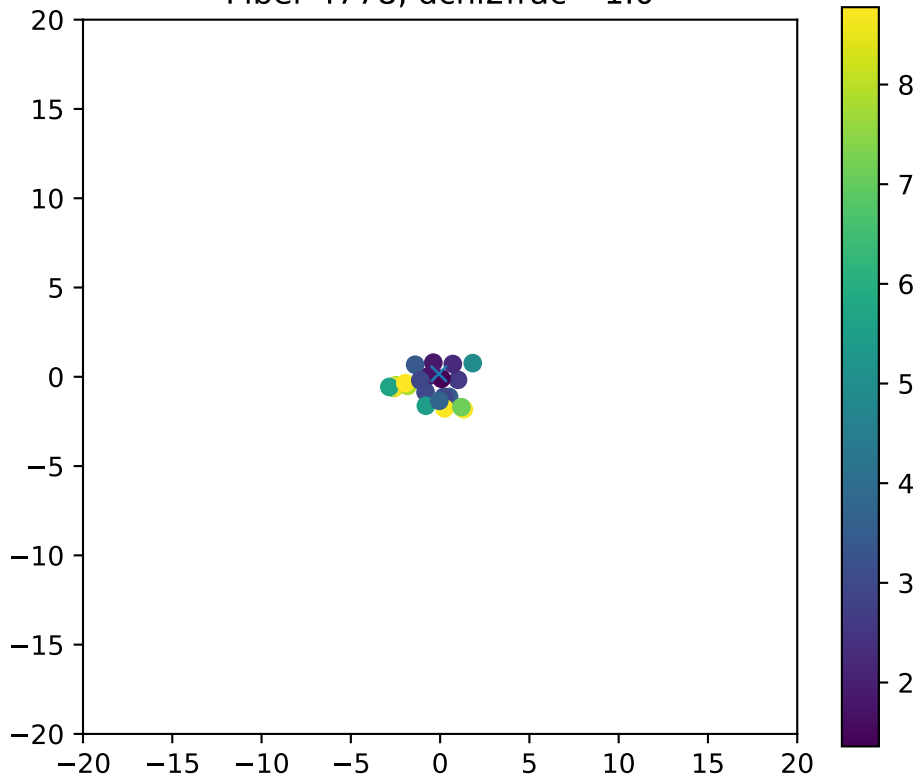
Fiber 4713, dchi2frac= 1.0



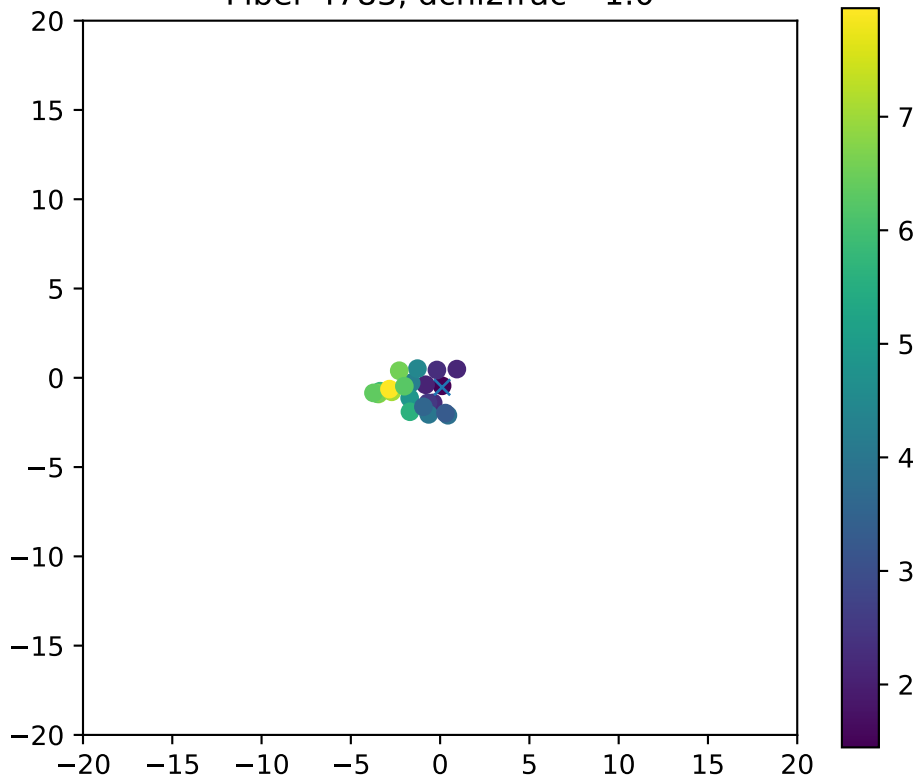
Fiber 4722, dchi2frac= 1.0



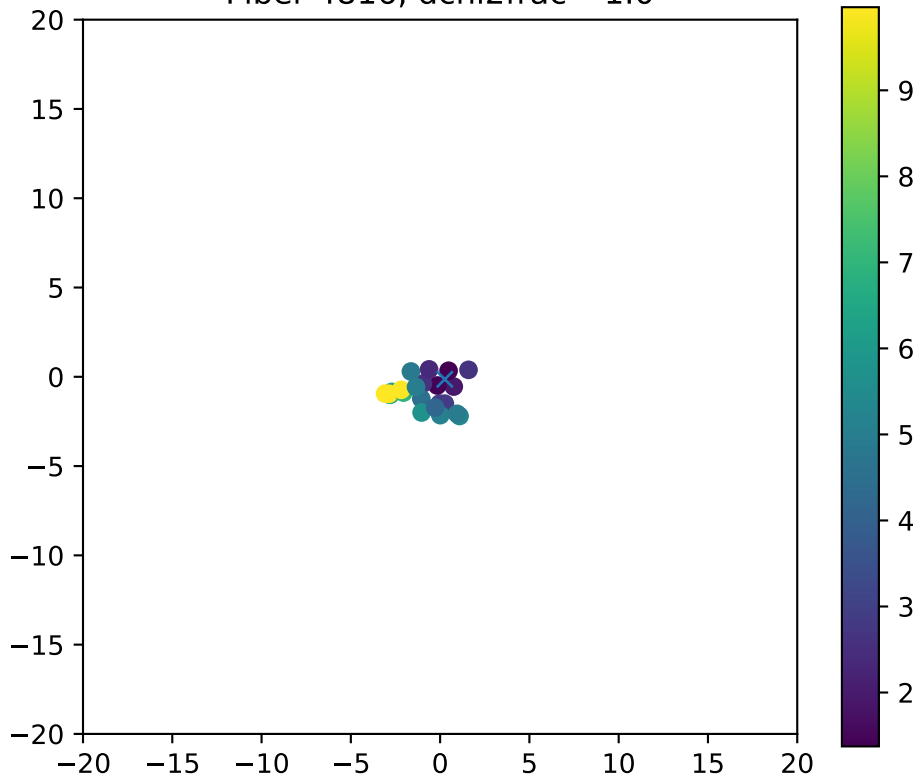
Fiber 4778, dchi2frac= 1.0



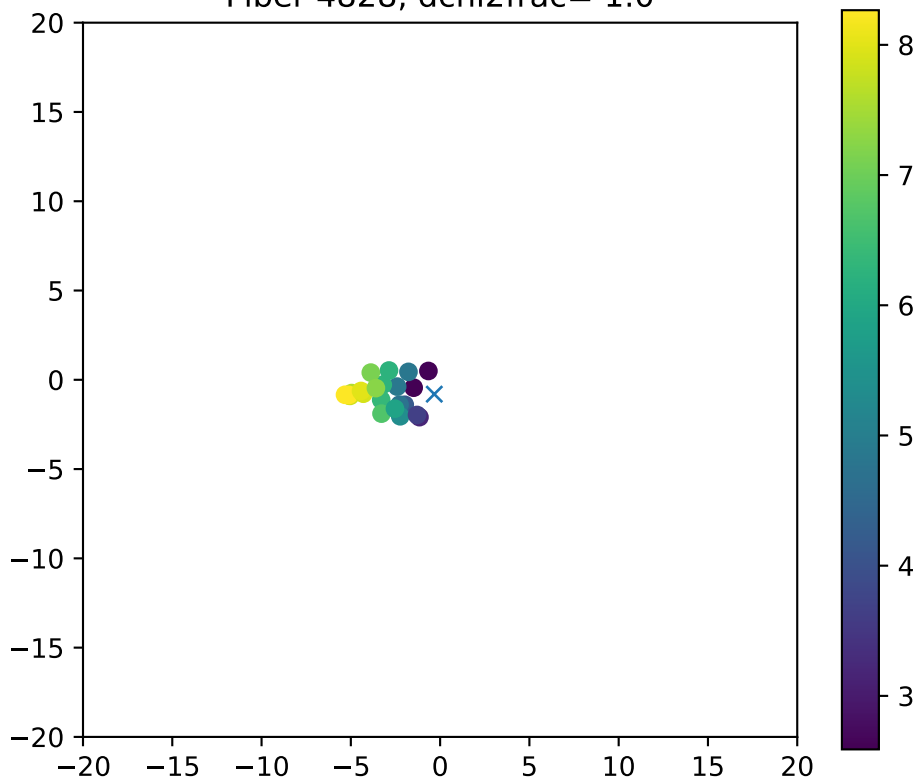
Fiber 4783, dchi2frac= 1.0



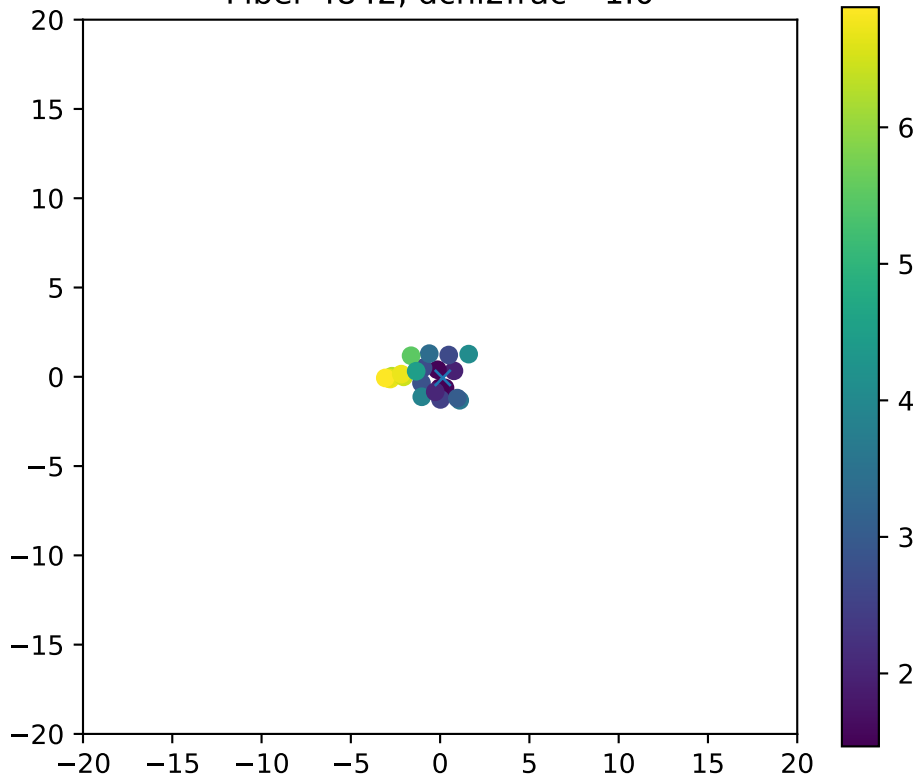
Fiber 4816, dchi2frac= 1.0



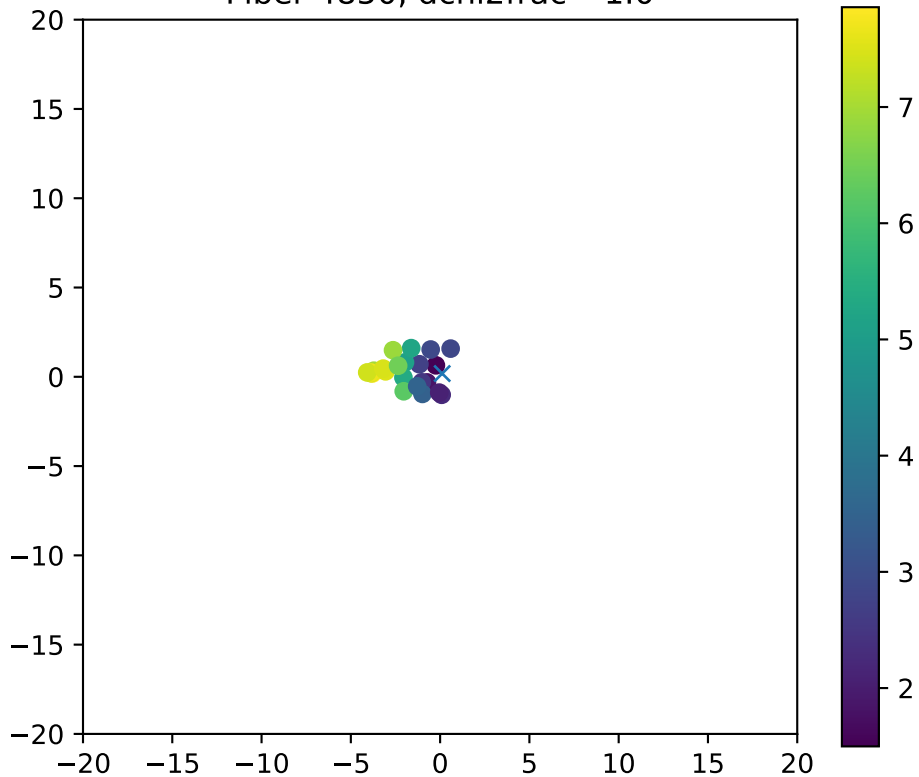
Fiber 4828, dchi2frac= 1.0



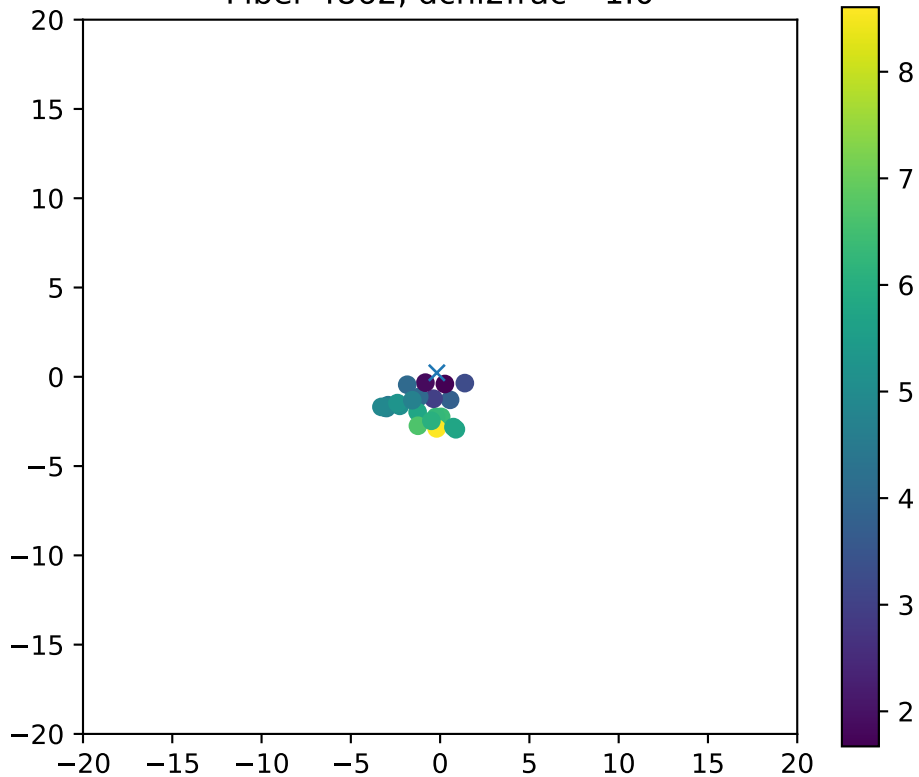
Fiber 4842, dchi2frac= 1.0



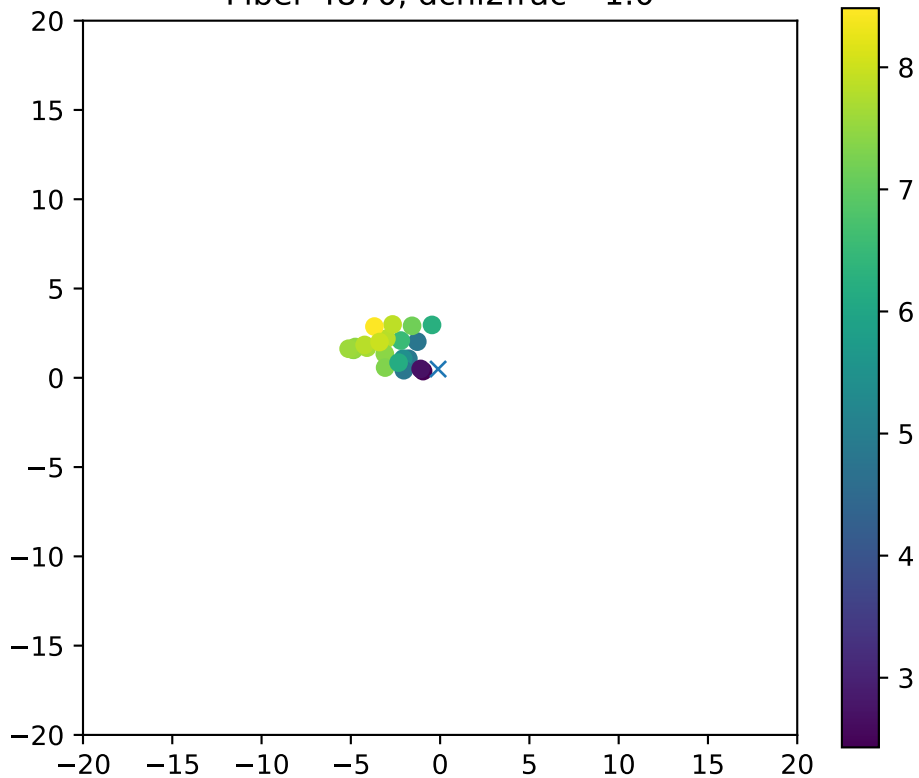
Fiber 4850, dchi2frac= 1.0



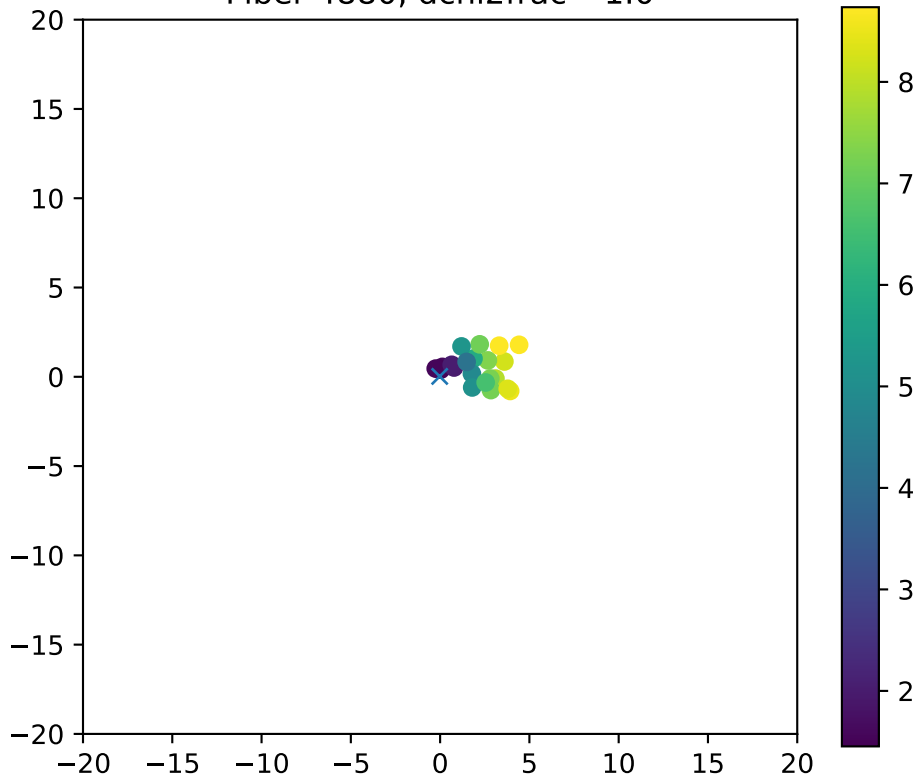
Fiber 4862, dchi2frac= 1.0



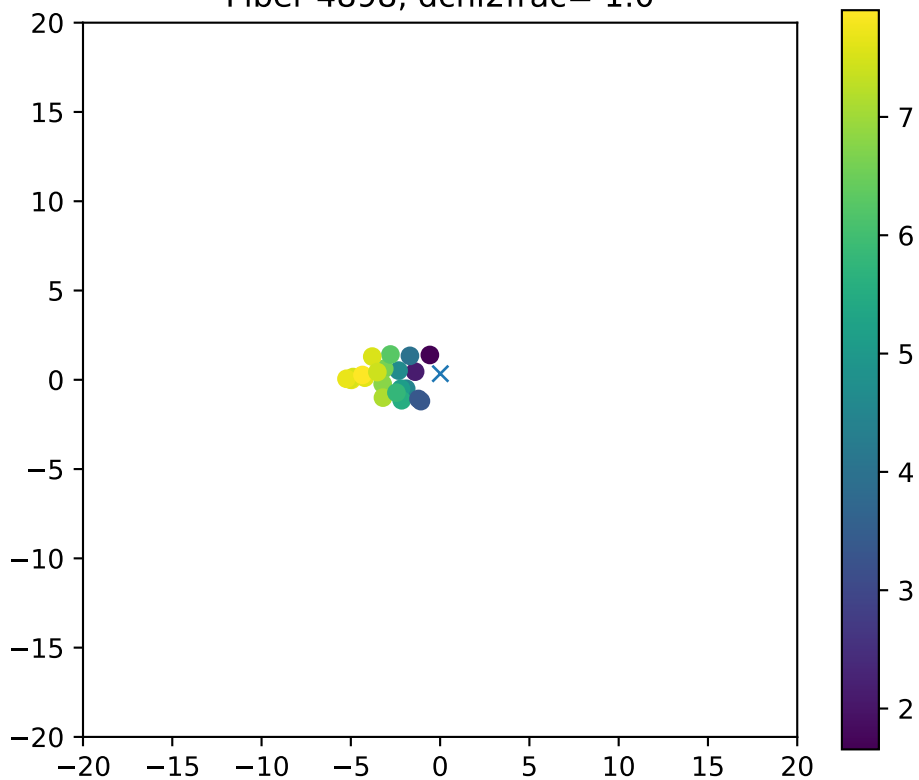
Fiber 4870, dchi2frac= 1.0



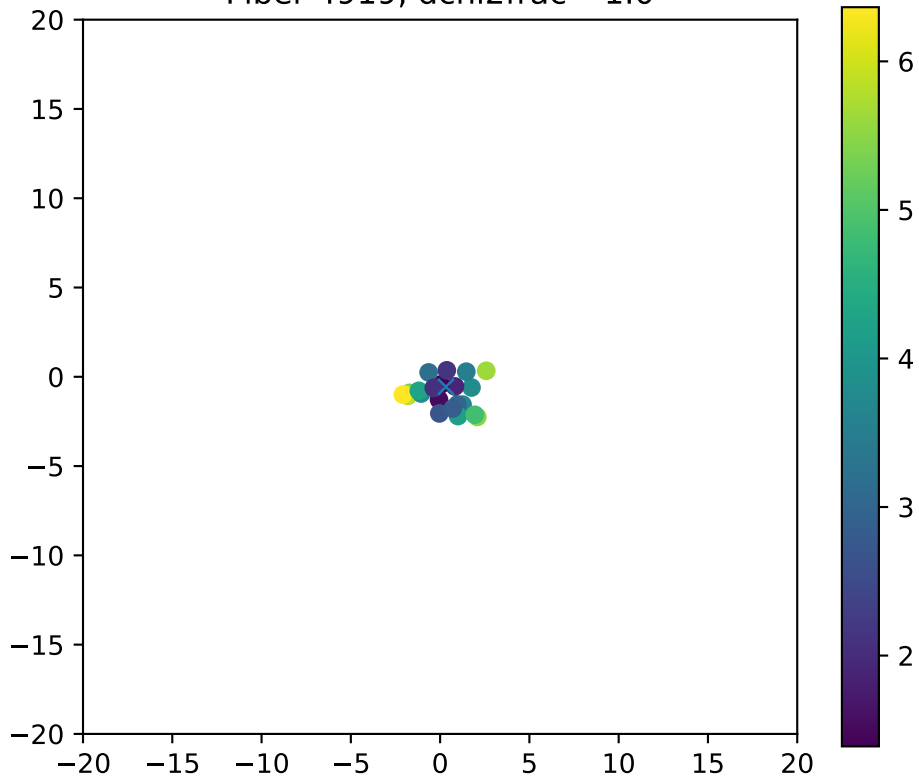
Fiber 4880, dchi2frac= 1.0



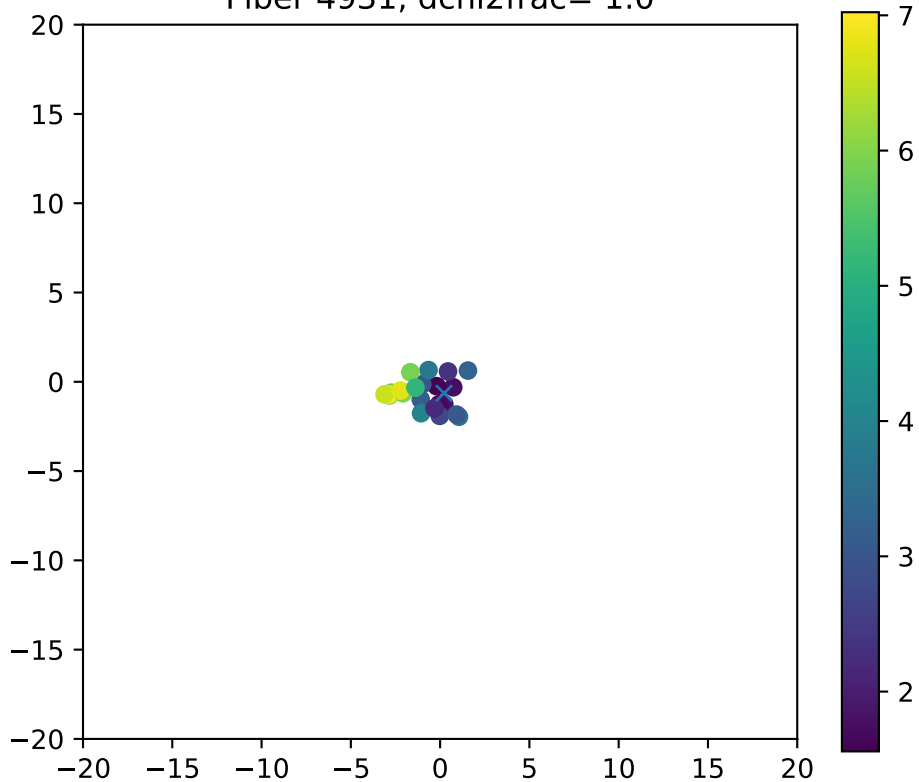
Fiber 4898, dchi2frac= 1.0



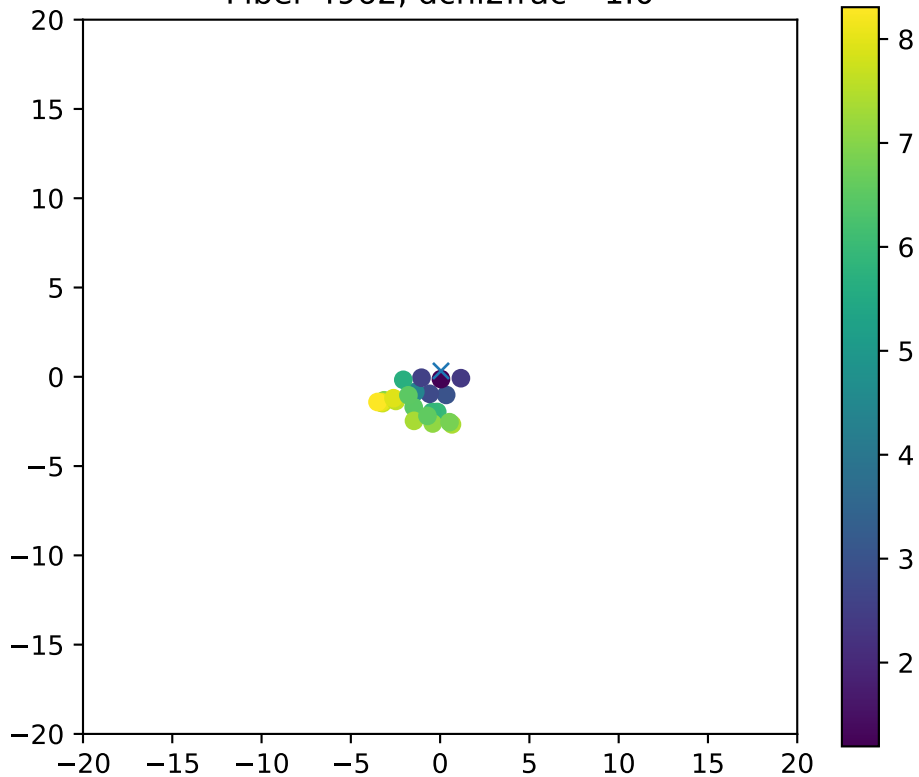
Fiber 4919, dchi2frac= 1.0



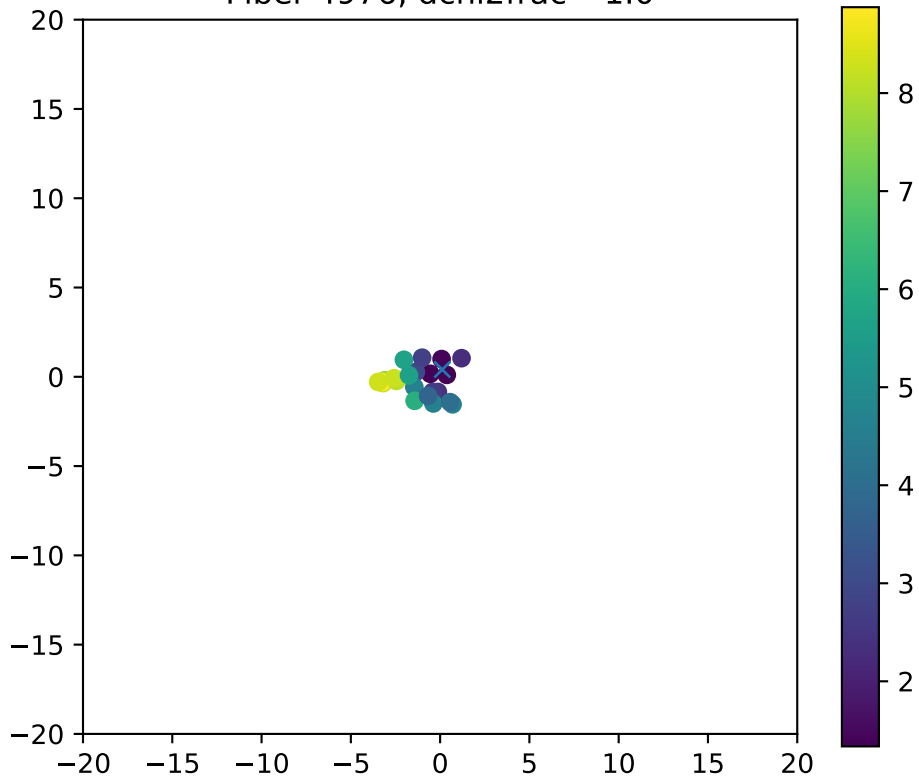
Fiber 4931, dchi2frac= 1.0



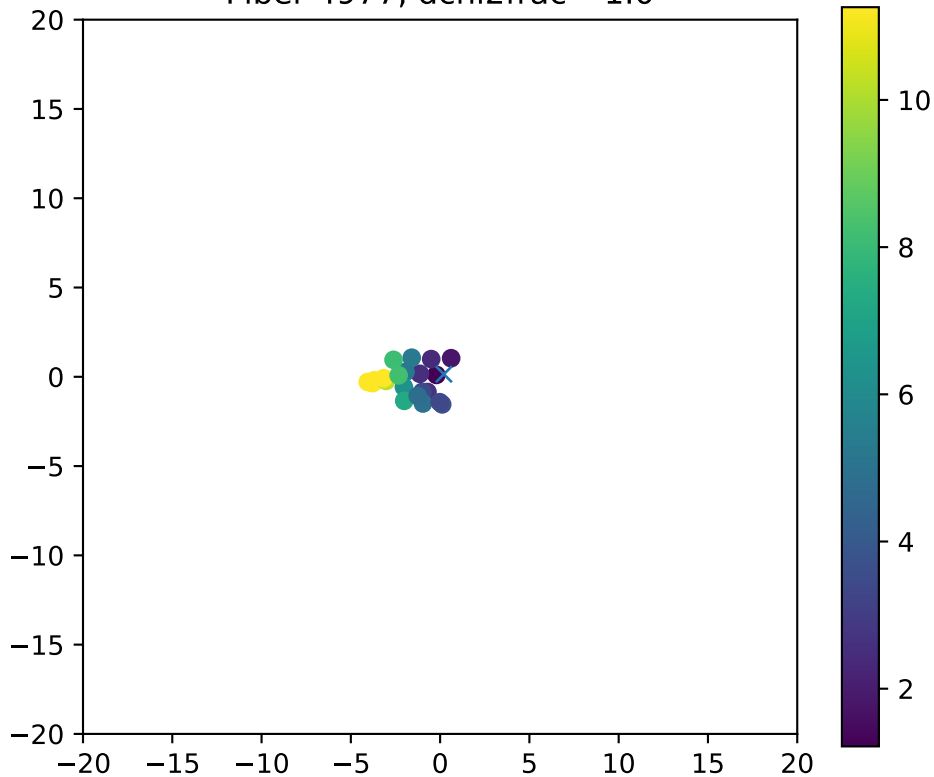
Fiber 4962, dchi2frac= 1.0



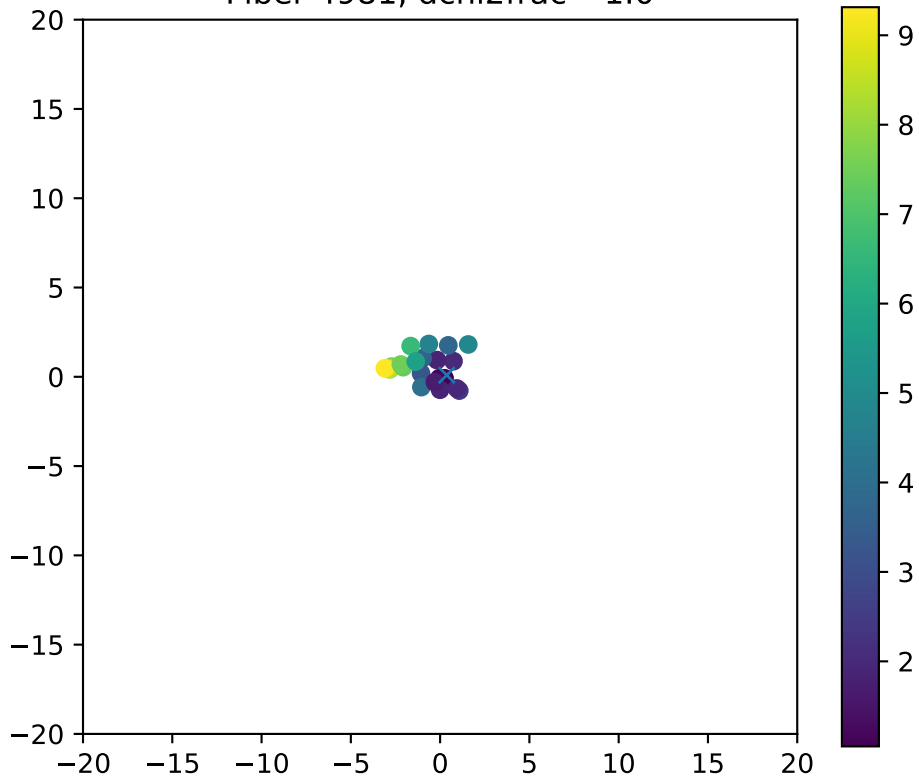
Fiber 4976, dchi2frac= 1.0



Fiber 4977, dchi2frac= 1.0



Fiber 4981, dchi2frac= 1.0



Fiber 4982, dchi2frac= 1.0

