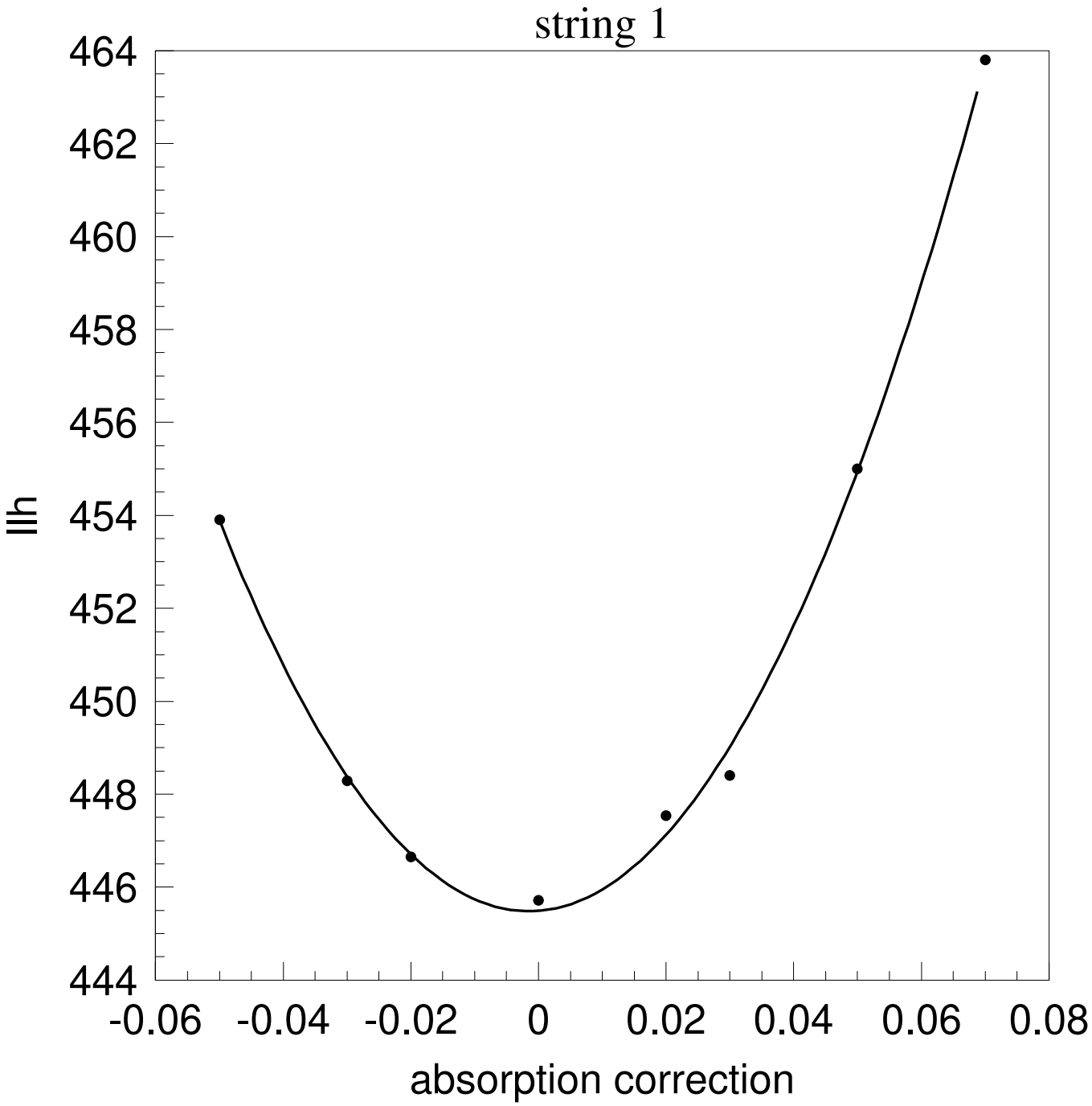
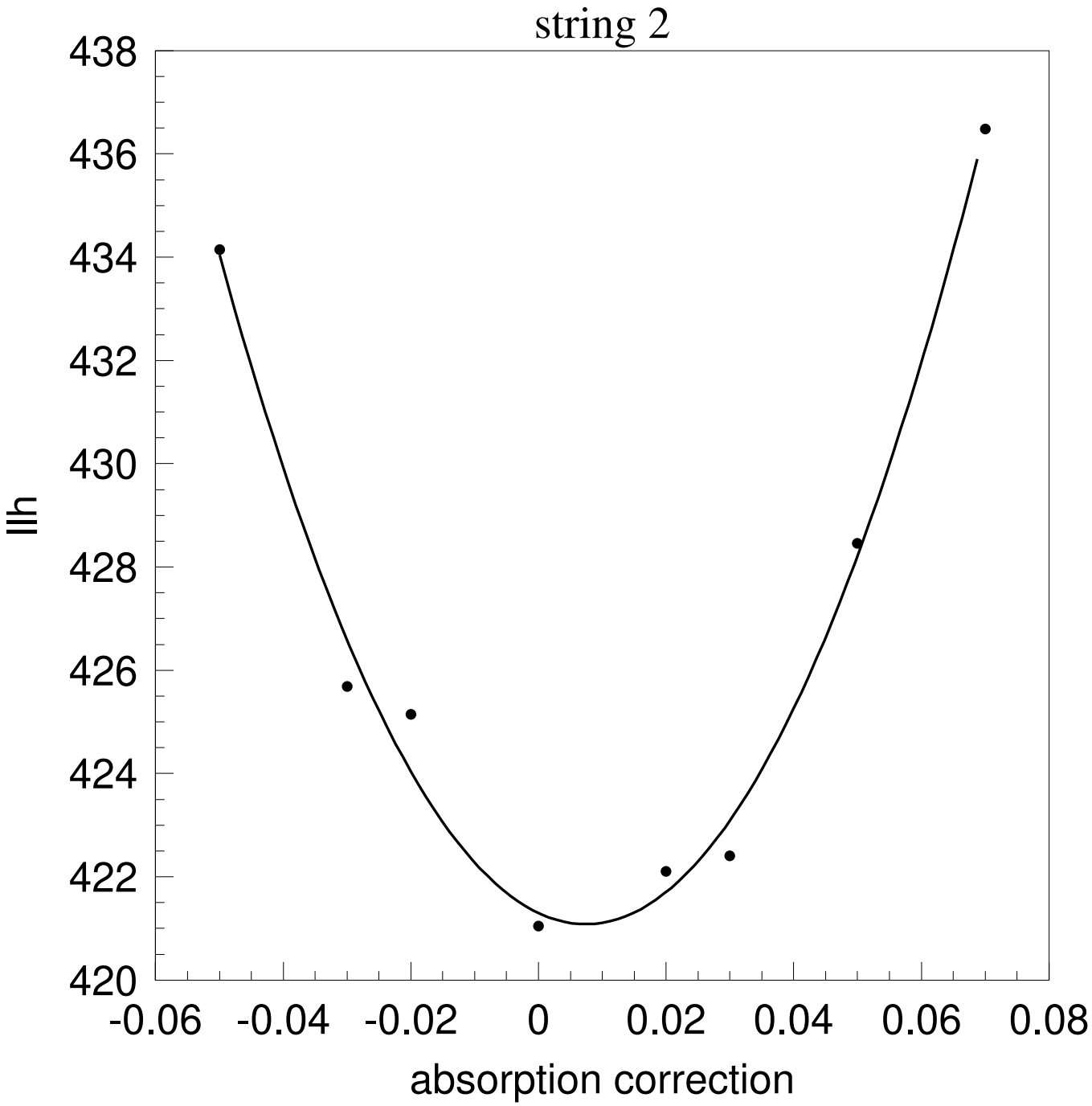
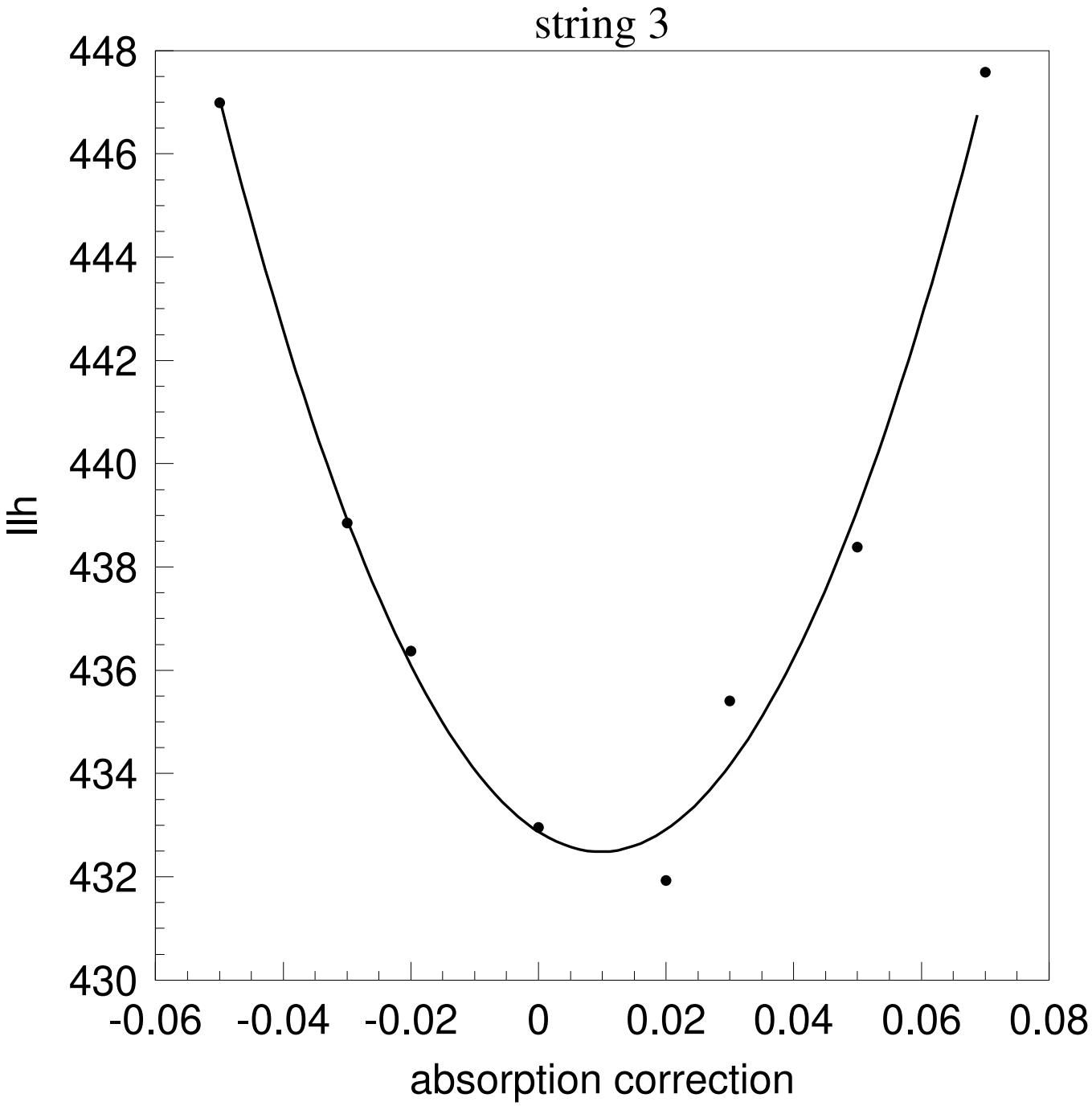
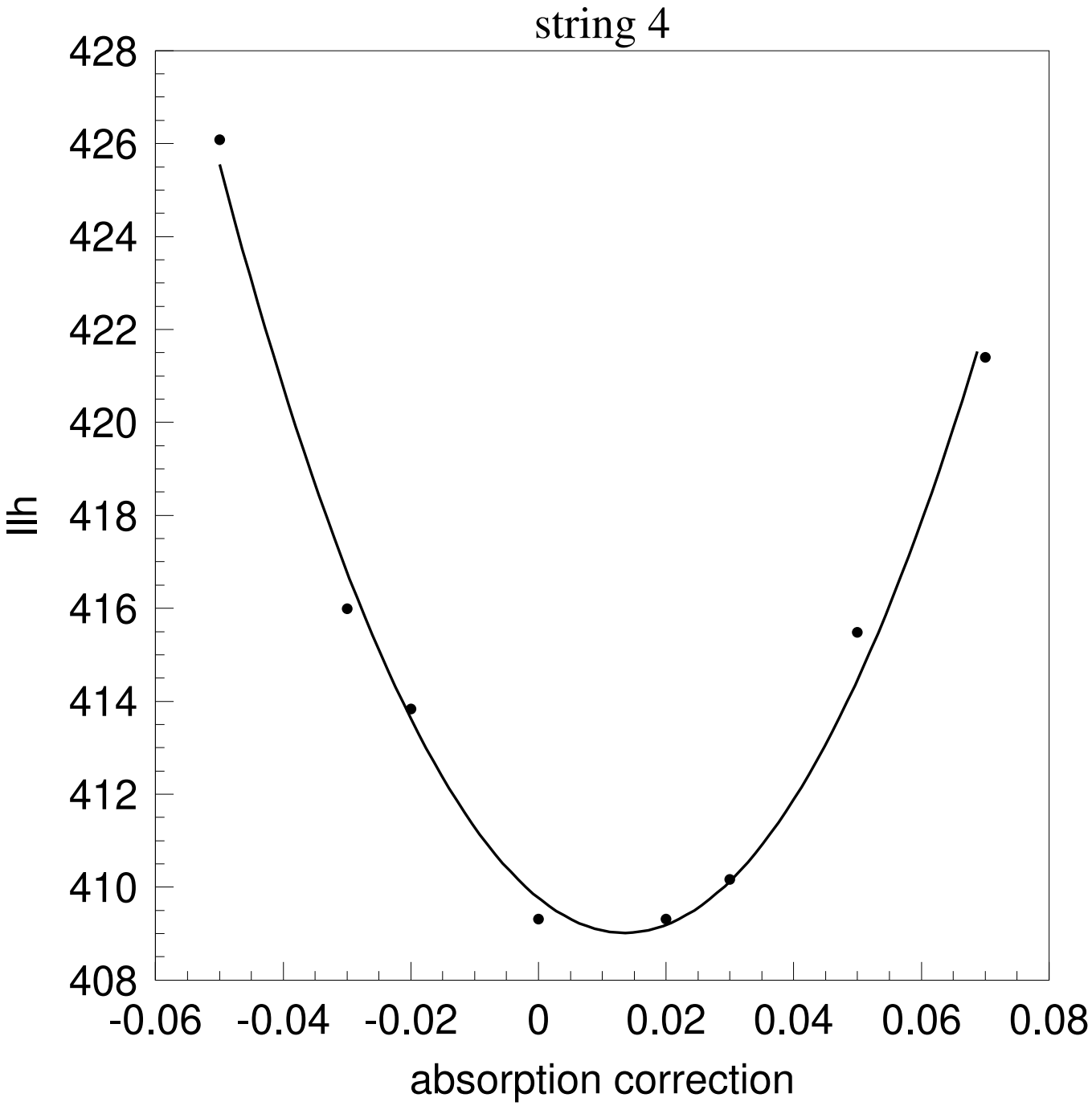
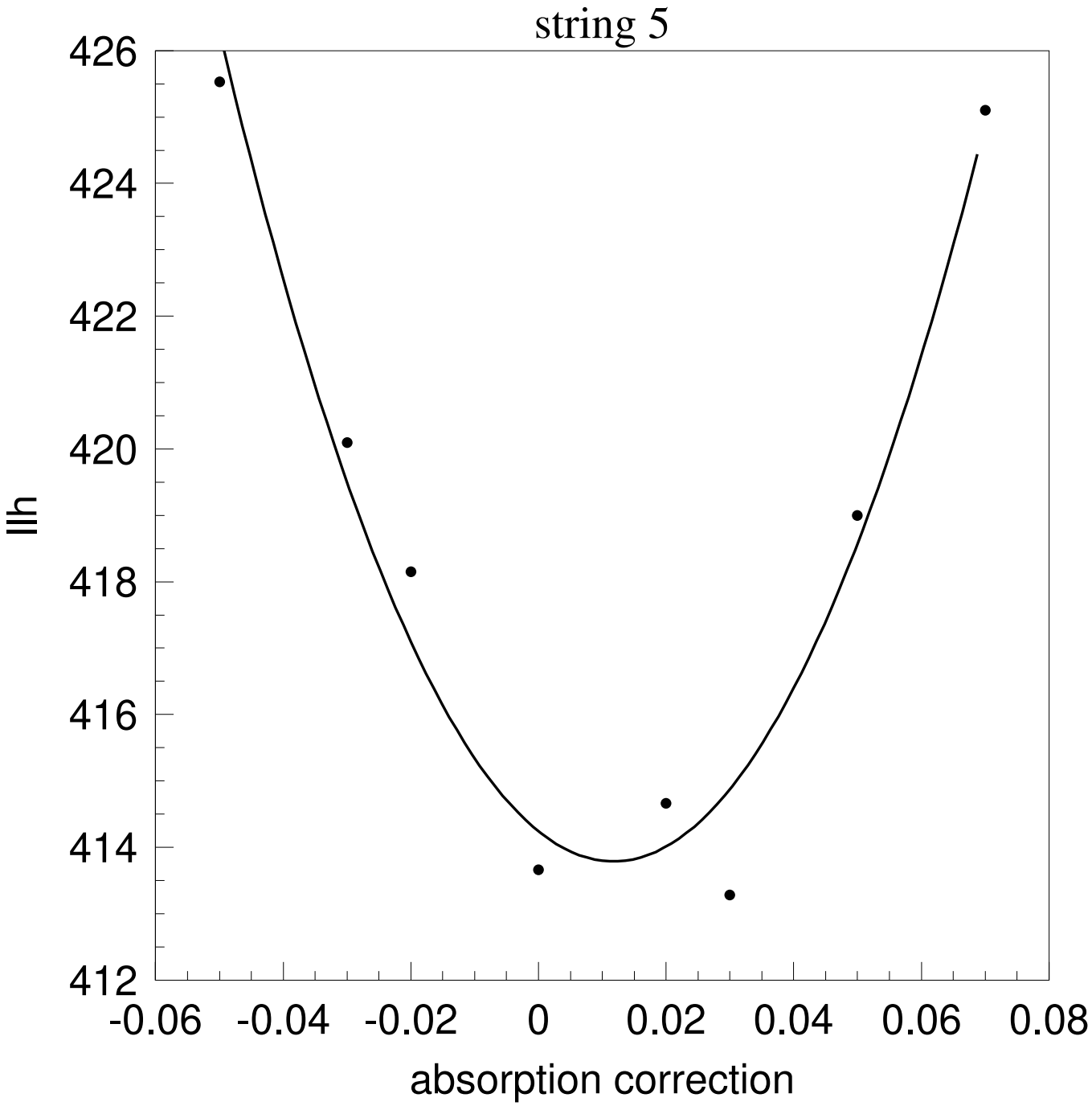
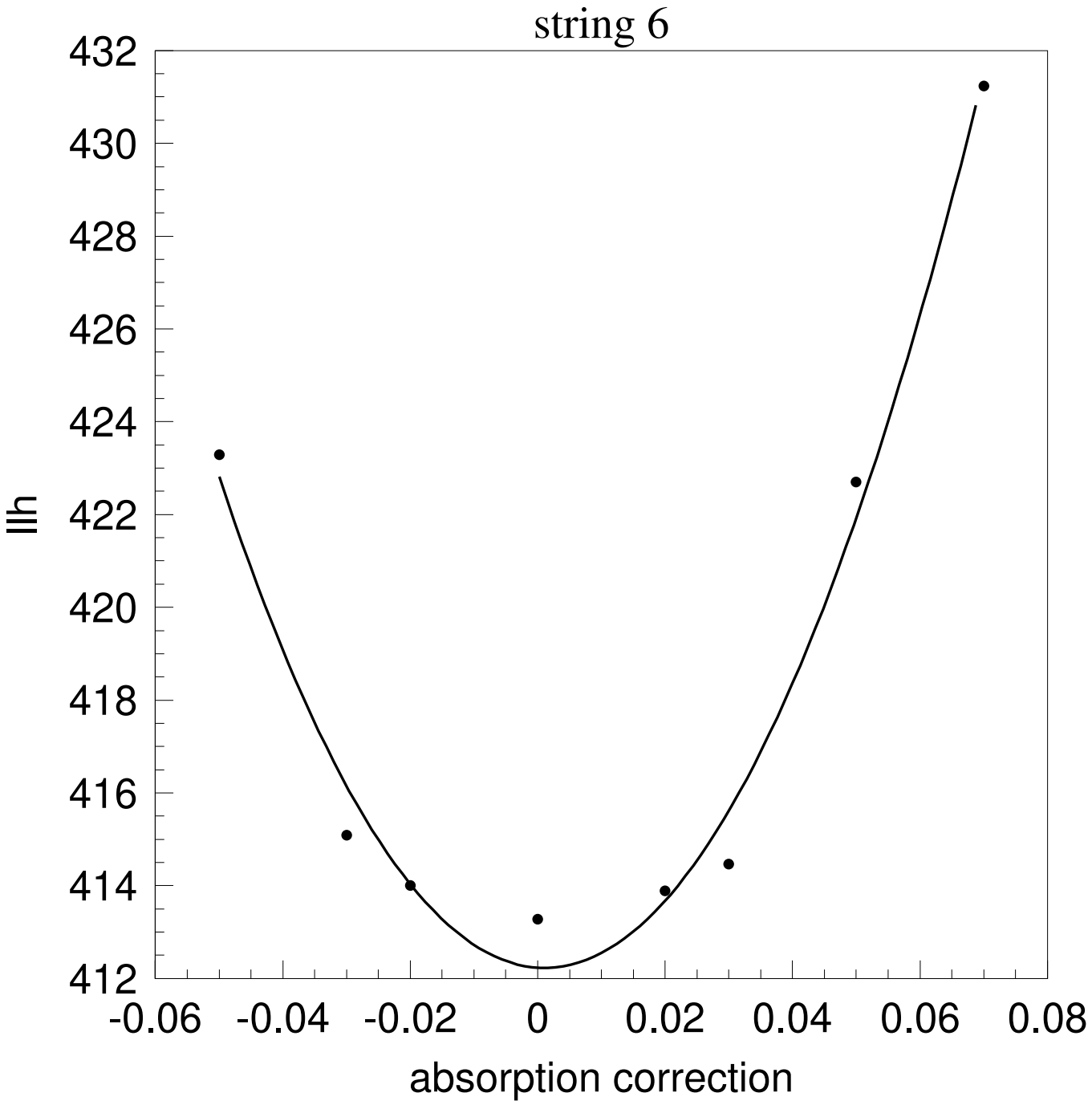

string 1
464
462
460
458
456
454
452
450
448
446
444
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

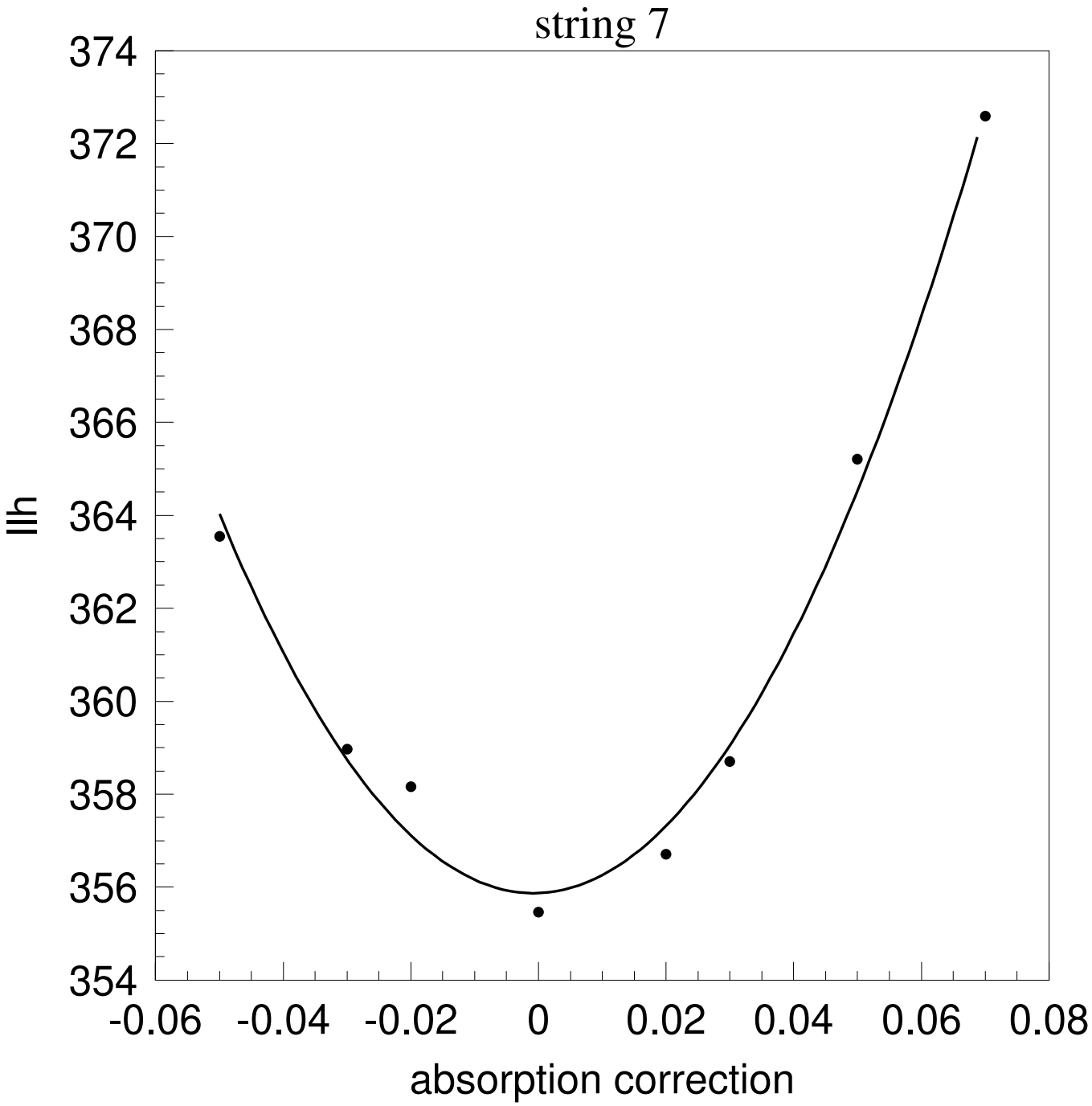

string 2
438
436
434
432
430
428
426
424
422
420
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

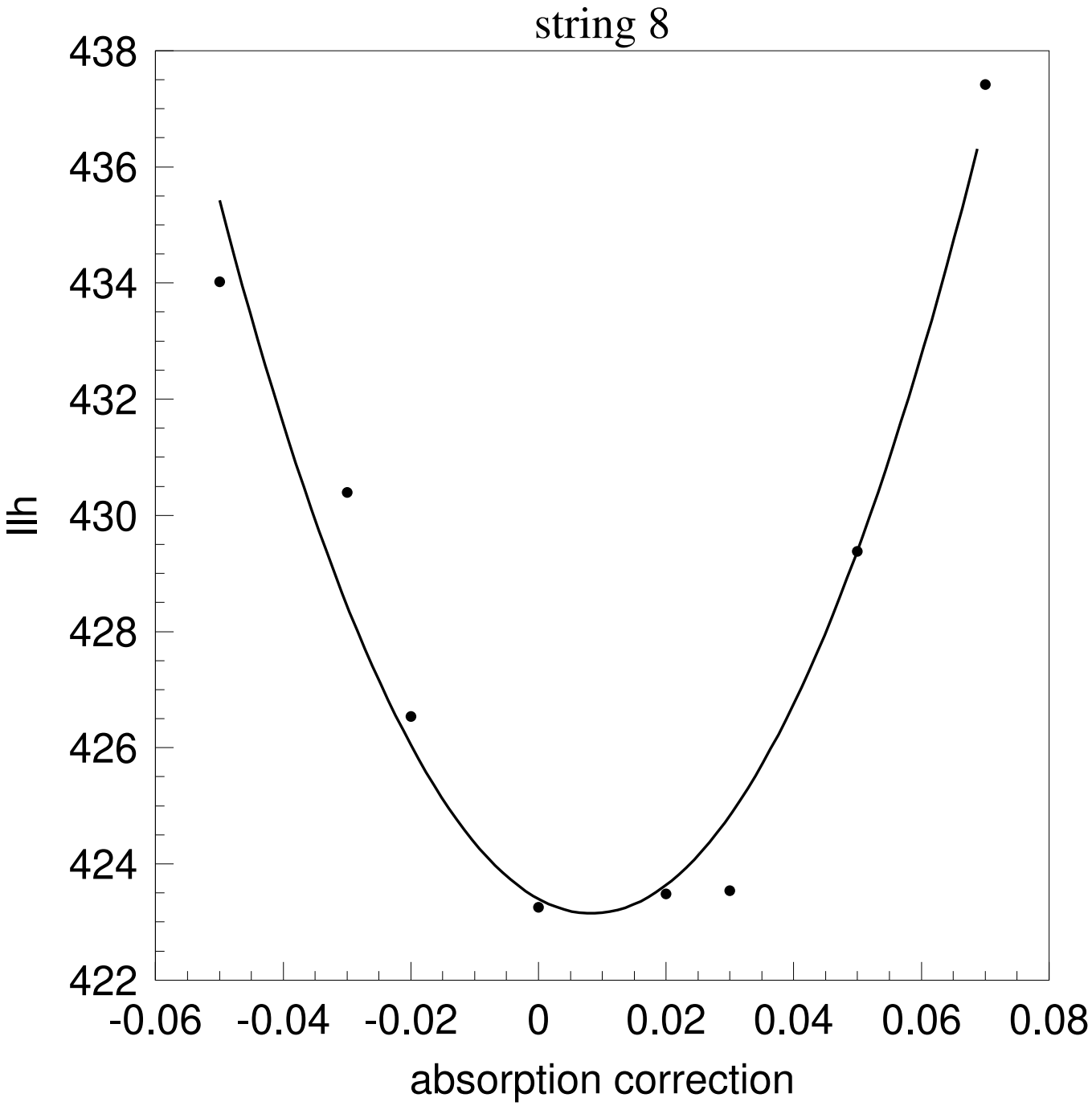

string 3
448
446
444
442
440
438
436
434
432
430
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

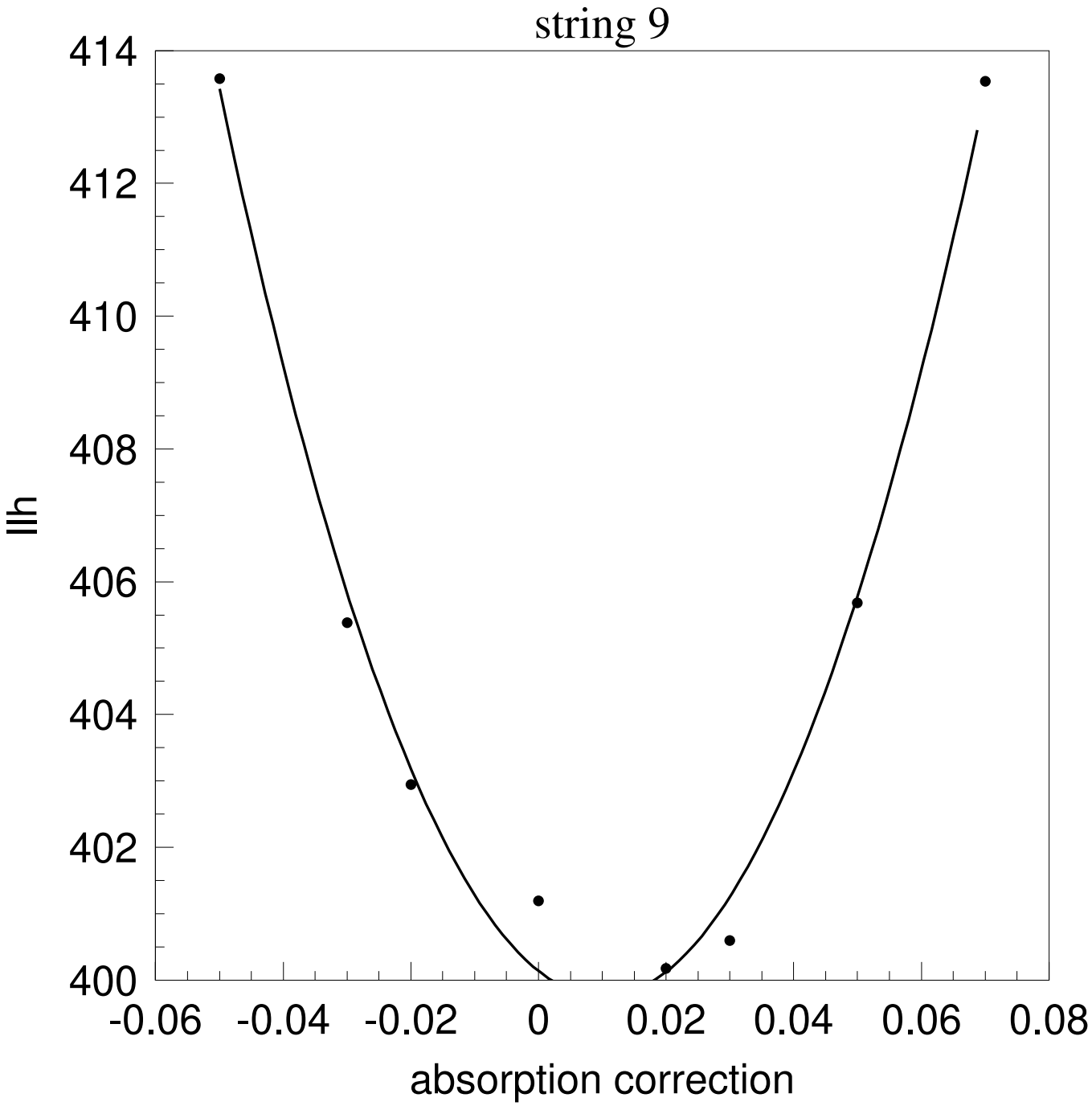

string 4
428
426
424
422
420
418
416
414
412
410
408
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

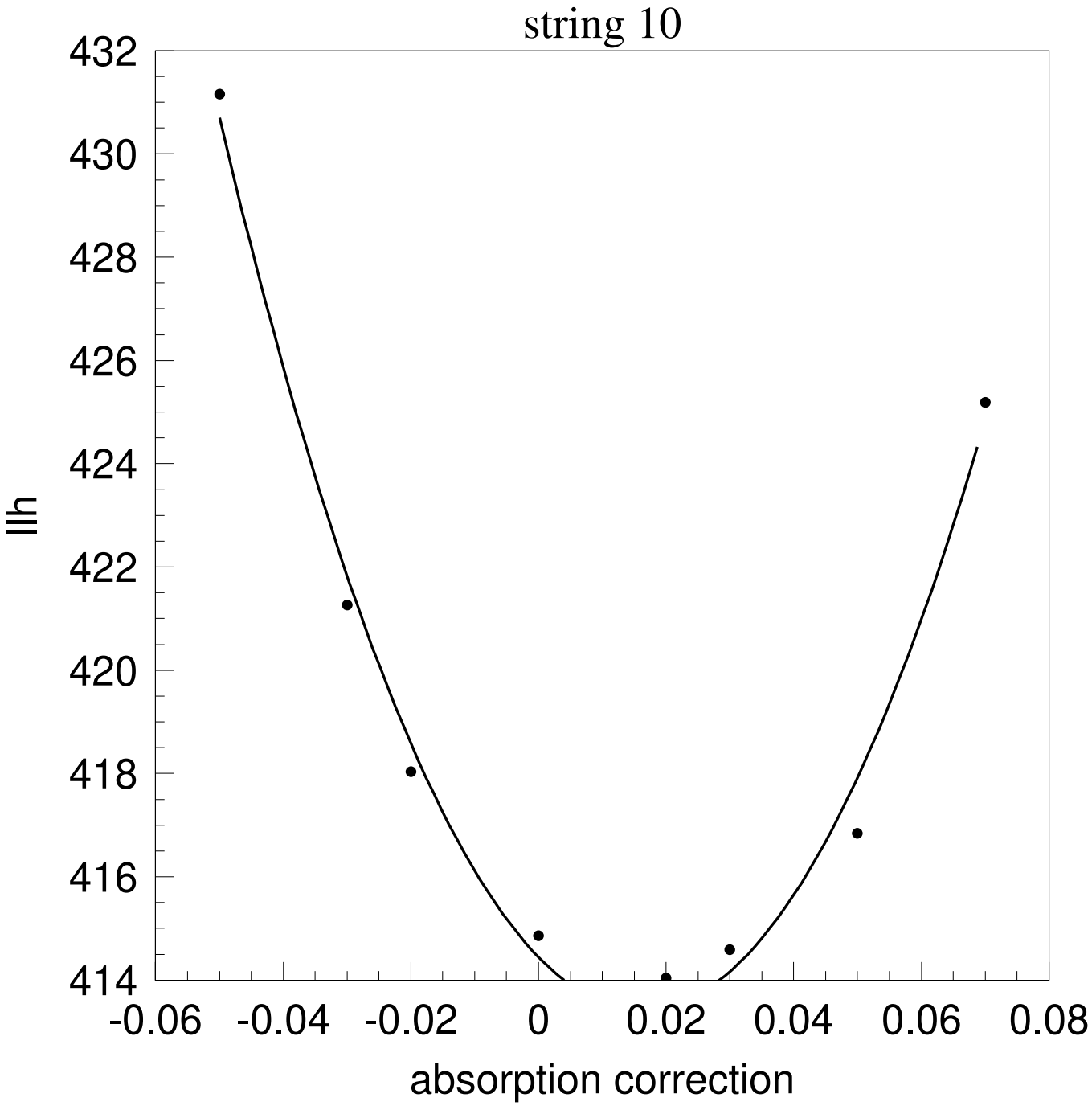

string 5
426
424
422
420
418
416
414
412
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

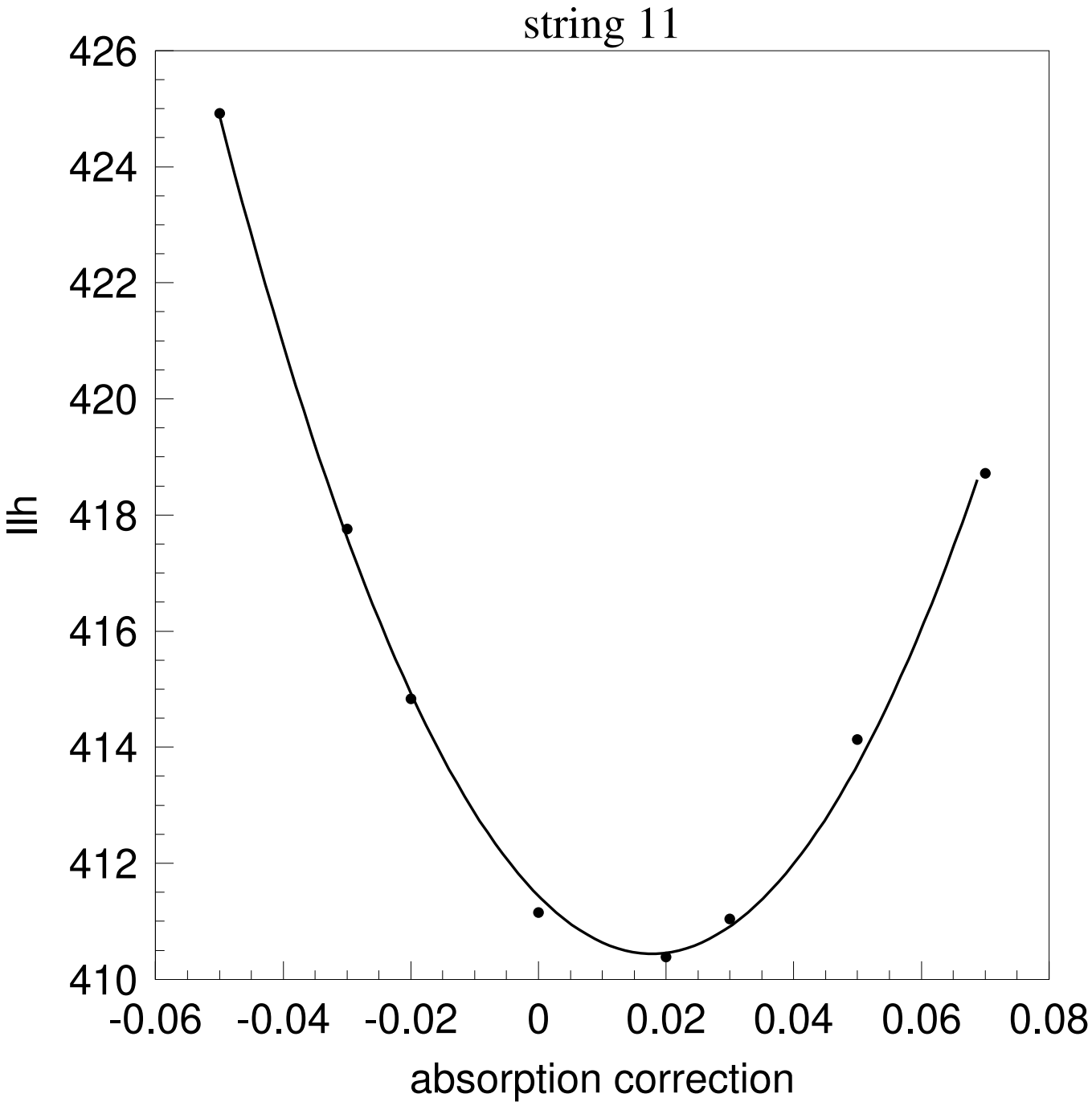

string 6
432
430
428
426
424
422
420
418
416
414
412
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

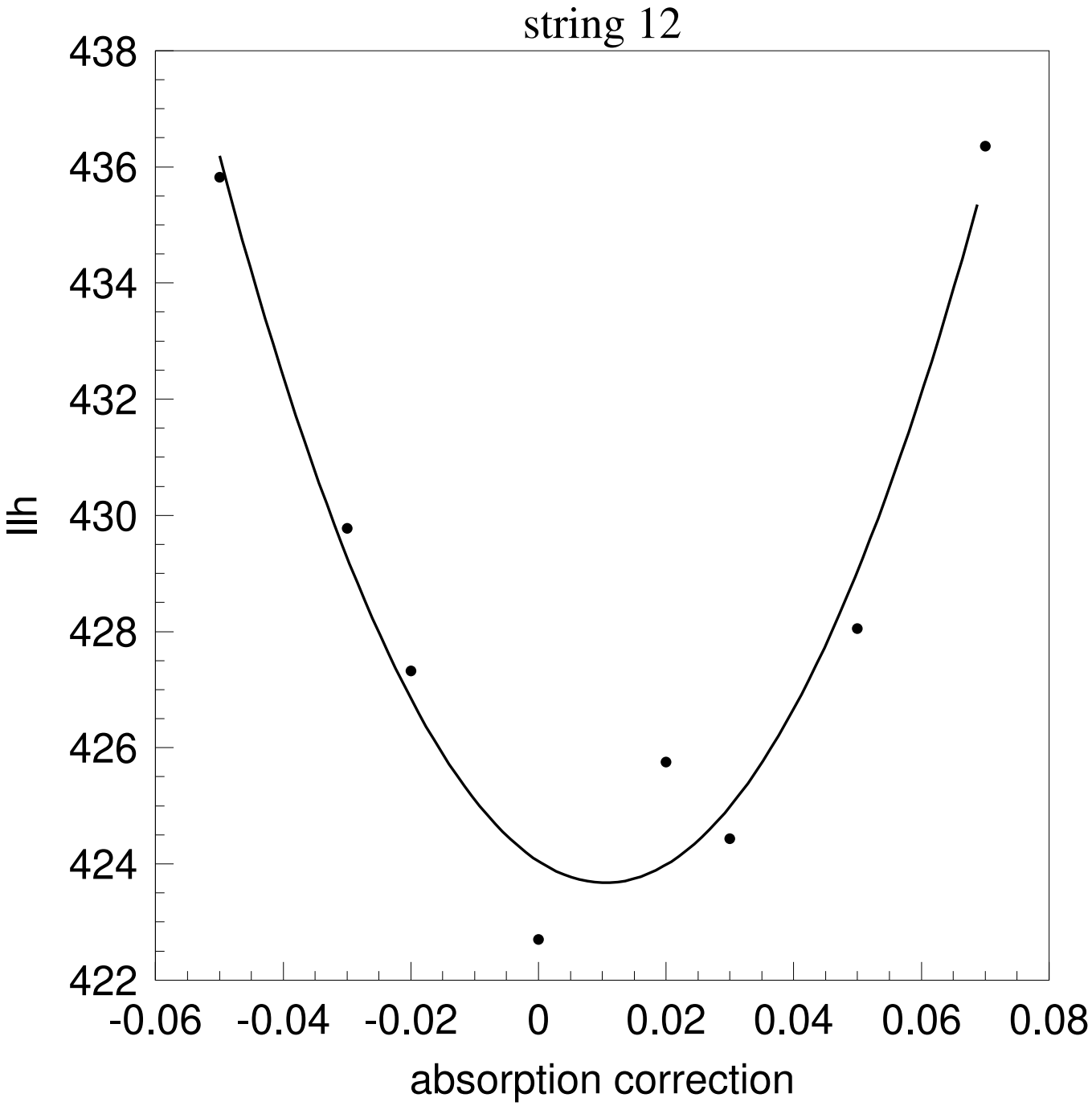

string 7
374
372
370
368
366
364
362
360
358
356
354
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

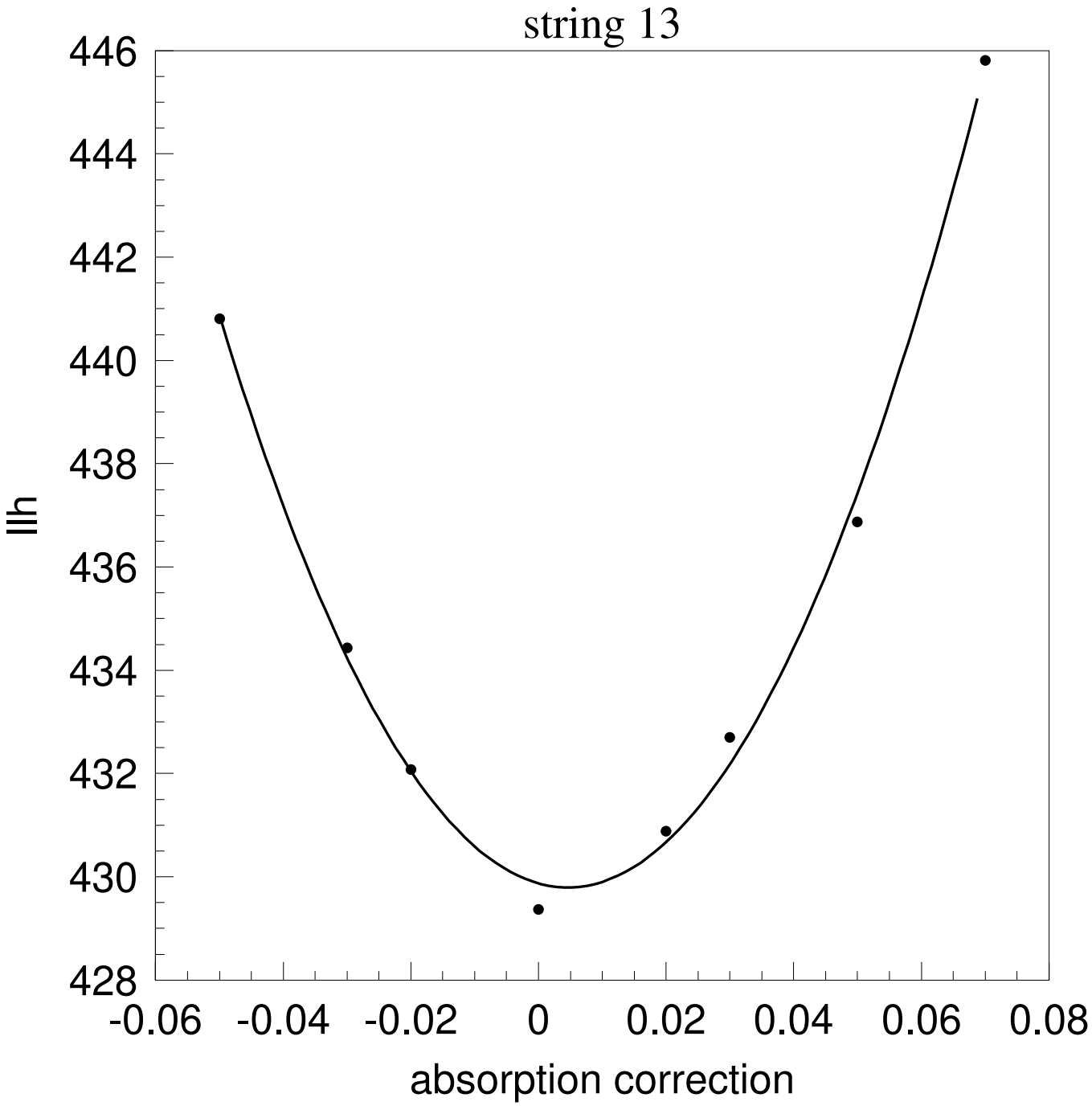

string 8
438
436
434
432
430
428
426
424
422
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

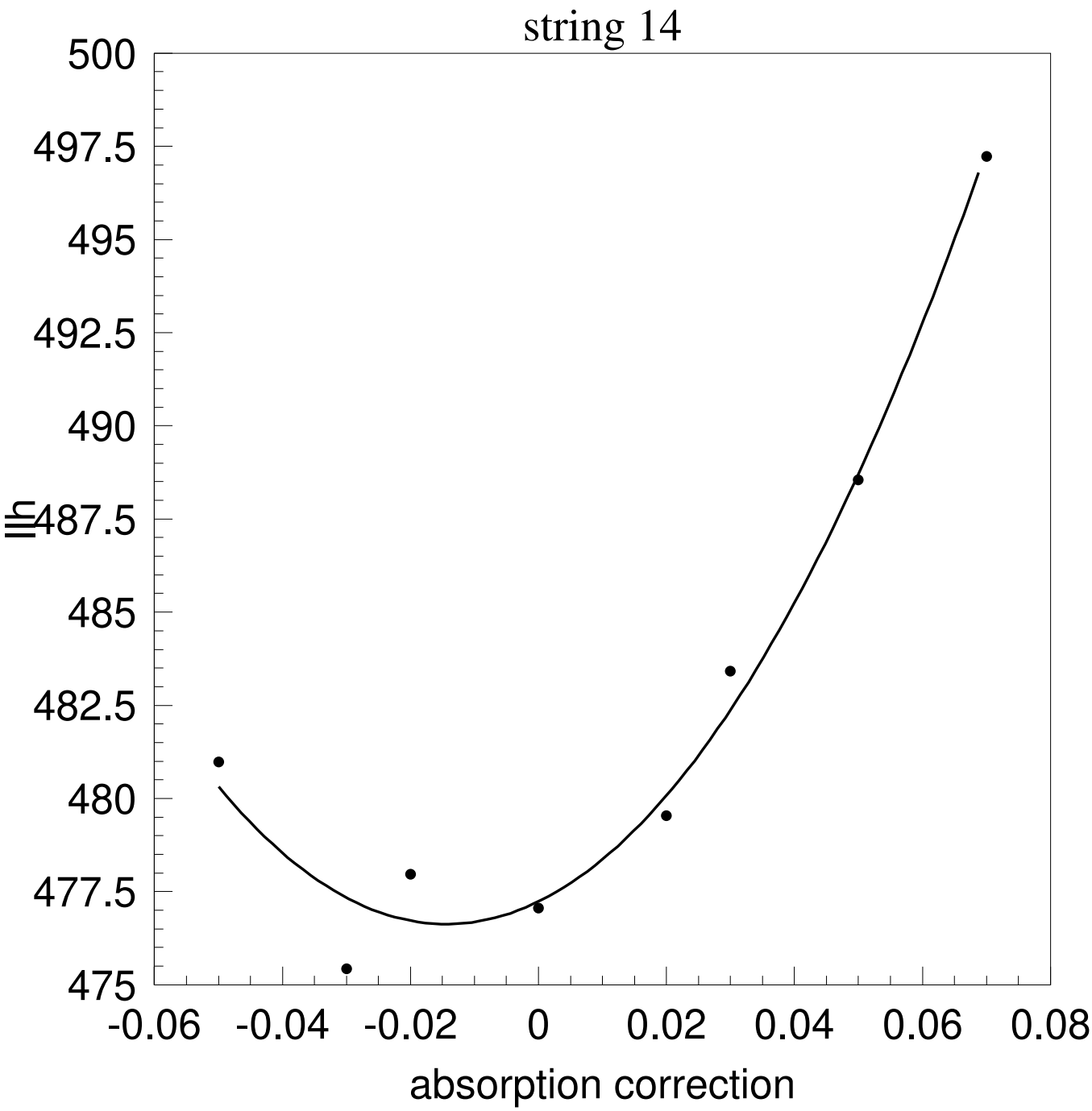

string 9
414
412
410
408
406
404
402
400
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

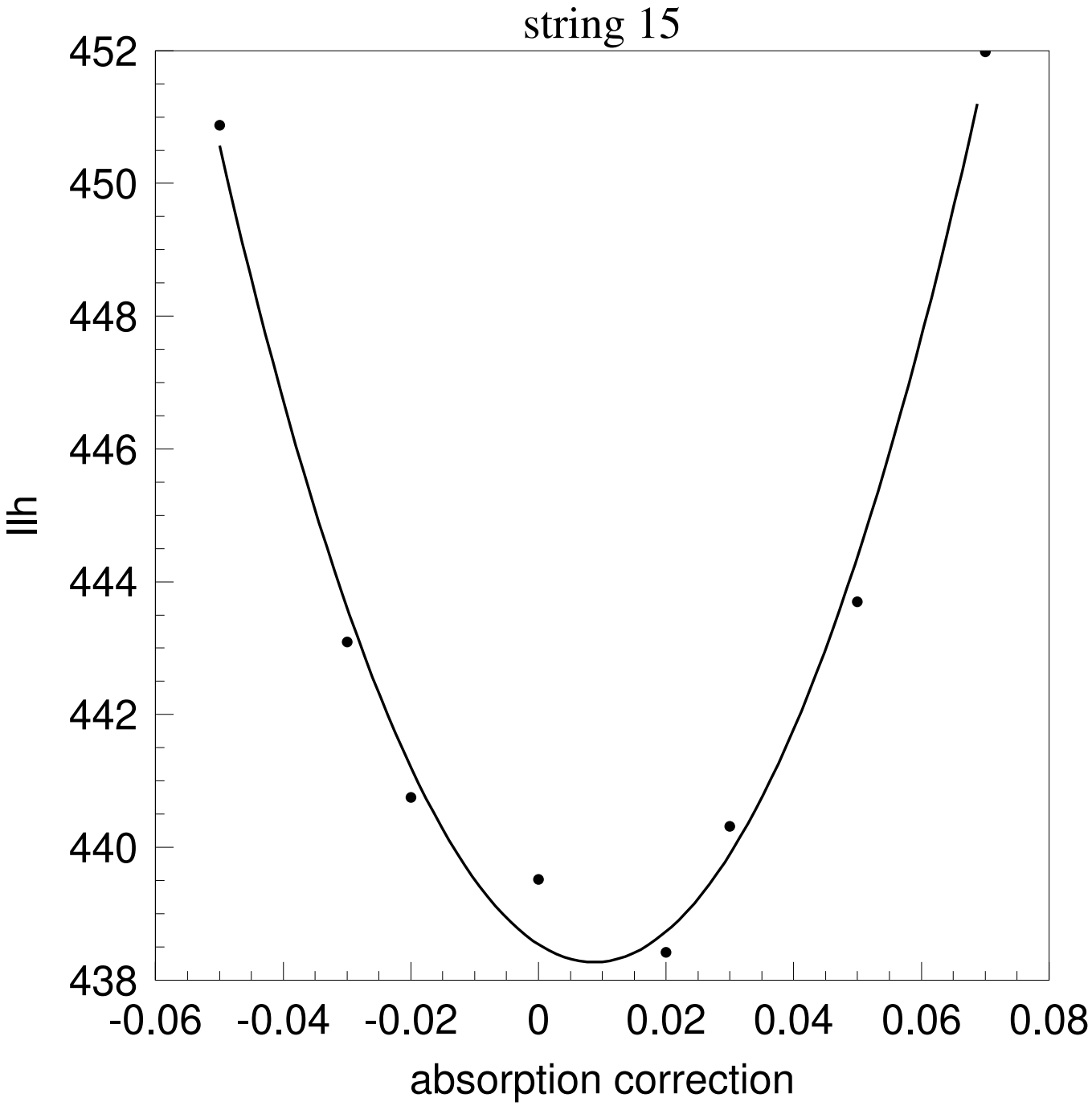

string 10
llh
absorption correction
432
430
428
426
424
422
420
418
416
414
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08

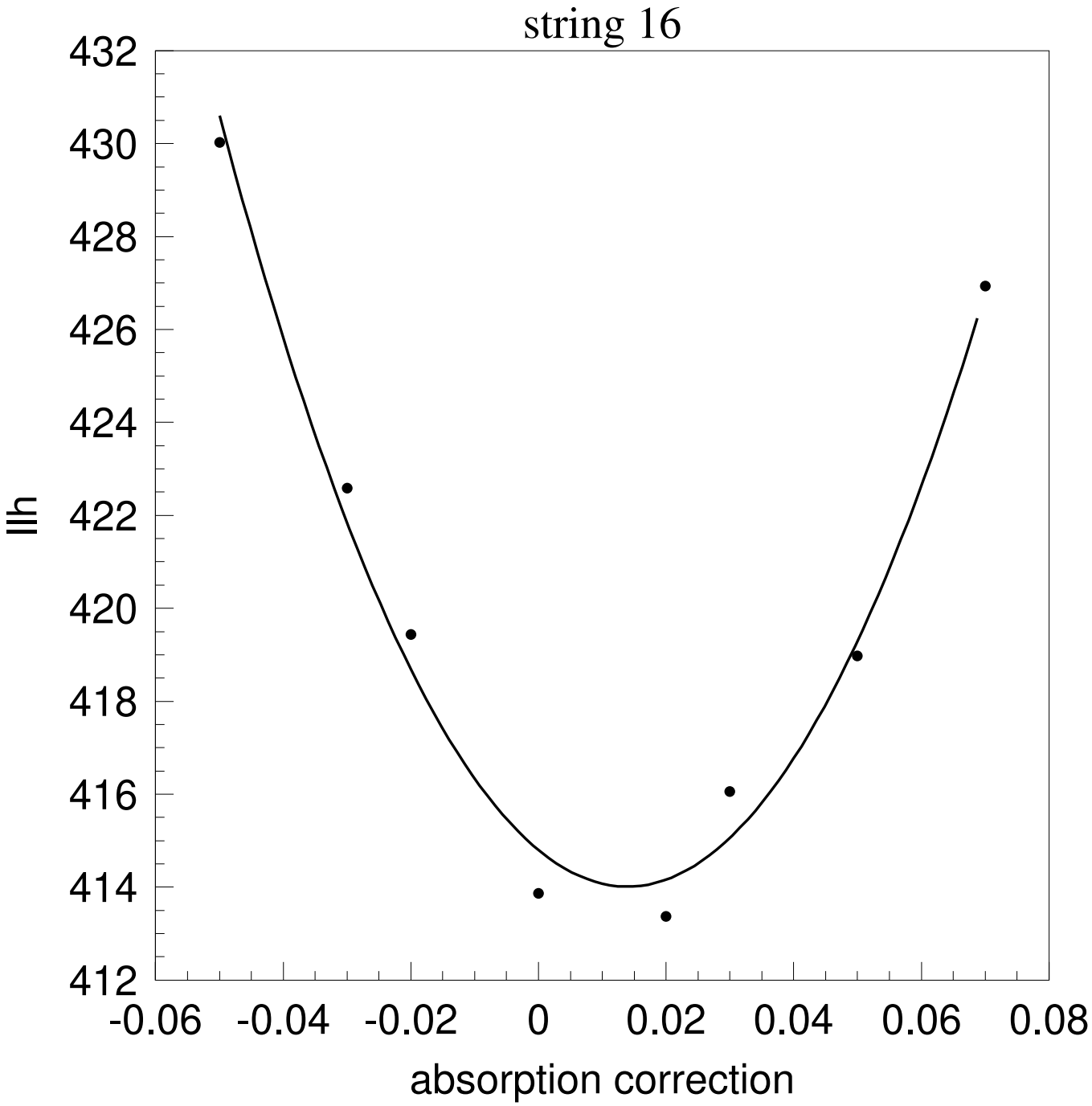

string 11
426
424
422
420
418
416
414
412
410
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

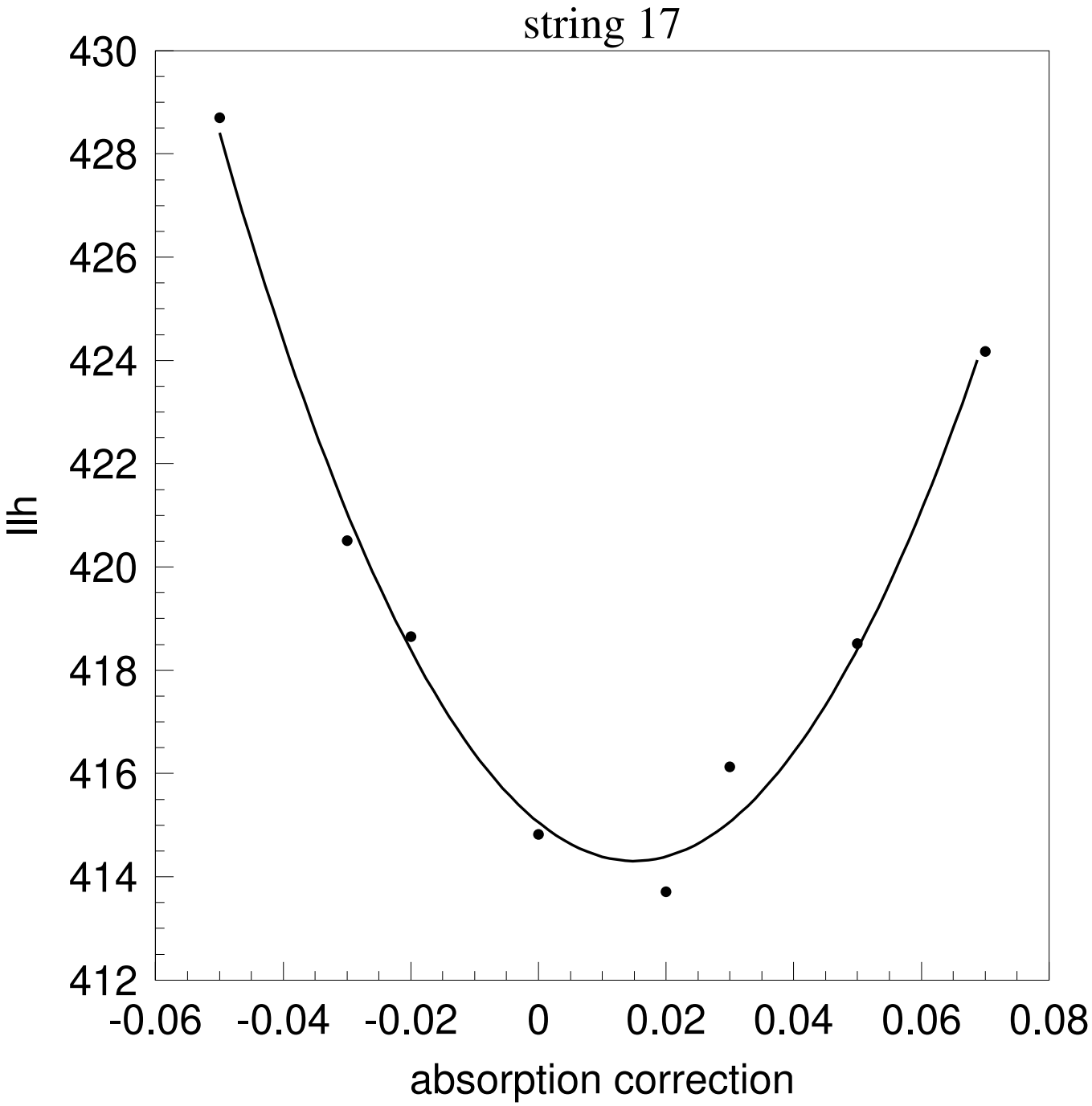

string 12
438
436
434
432
430
428
426
424
422
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

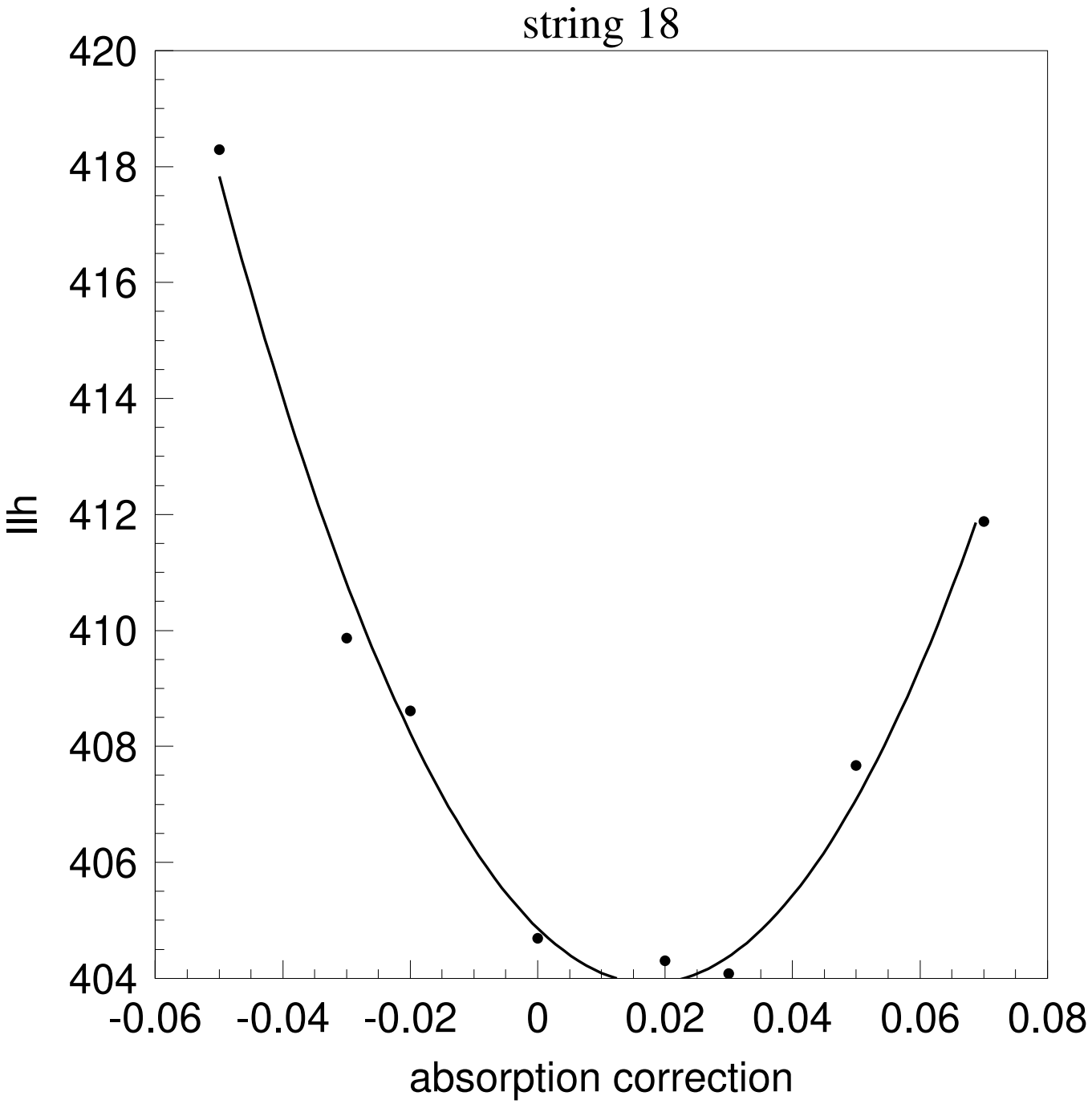

string 13
446
444
442
440
438
436
434
432
430
428
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

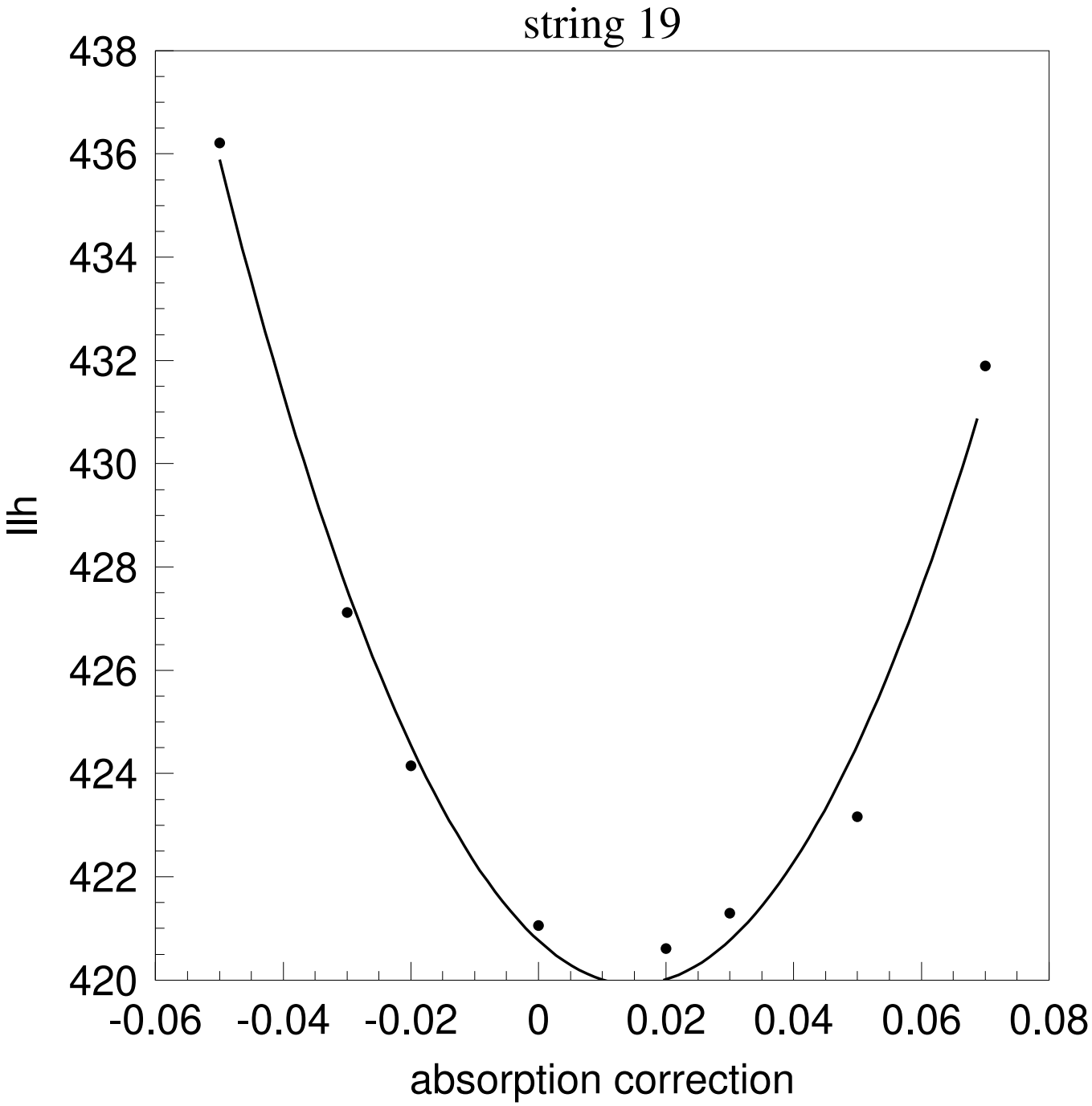

string 14
500
497.5
495
492.5
490
487.5
485
482.5
480
477.5
475
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

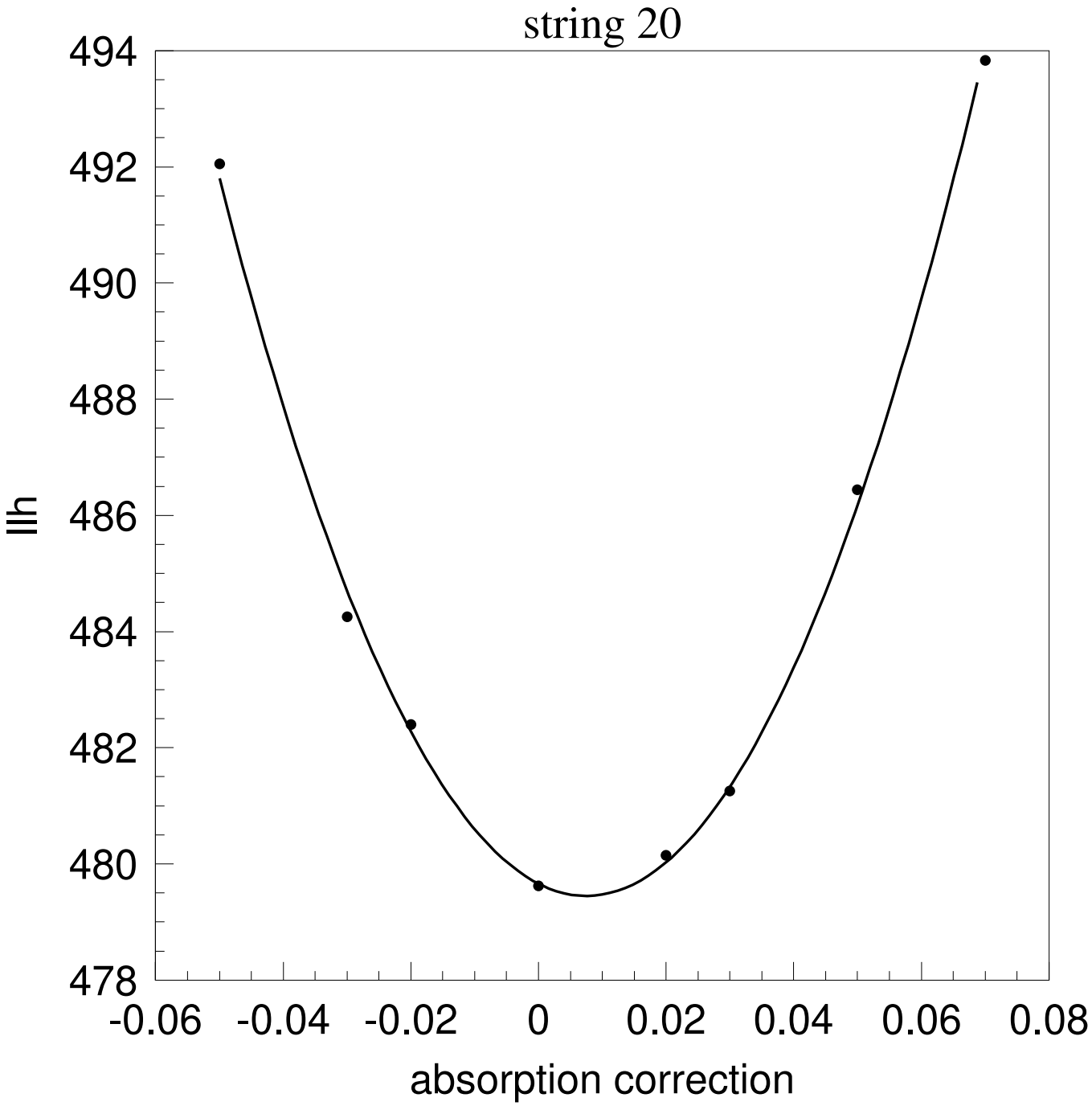

string 15
452
450
448
446
444
442
440
438
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

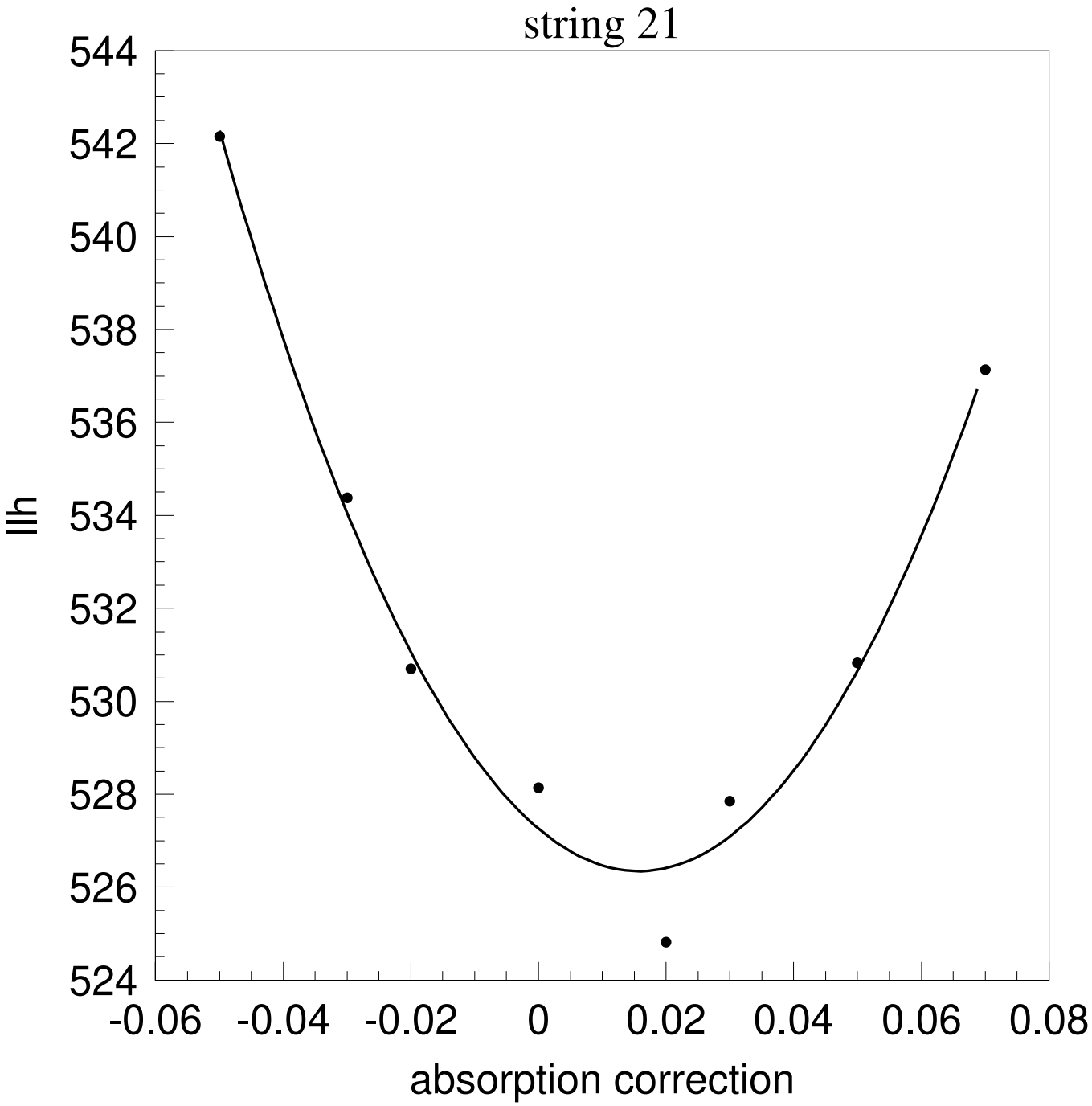

string 16
432
430
428
426
424
422
420
418
416
414
412
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

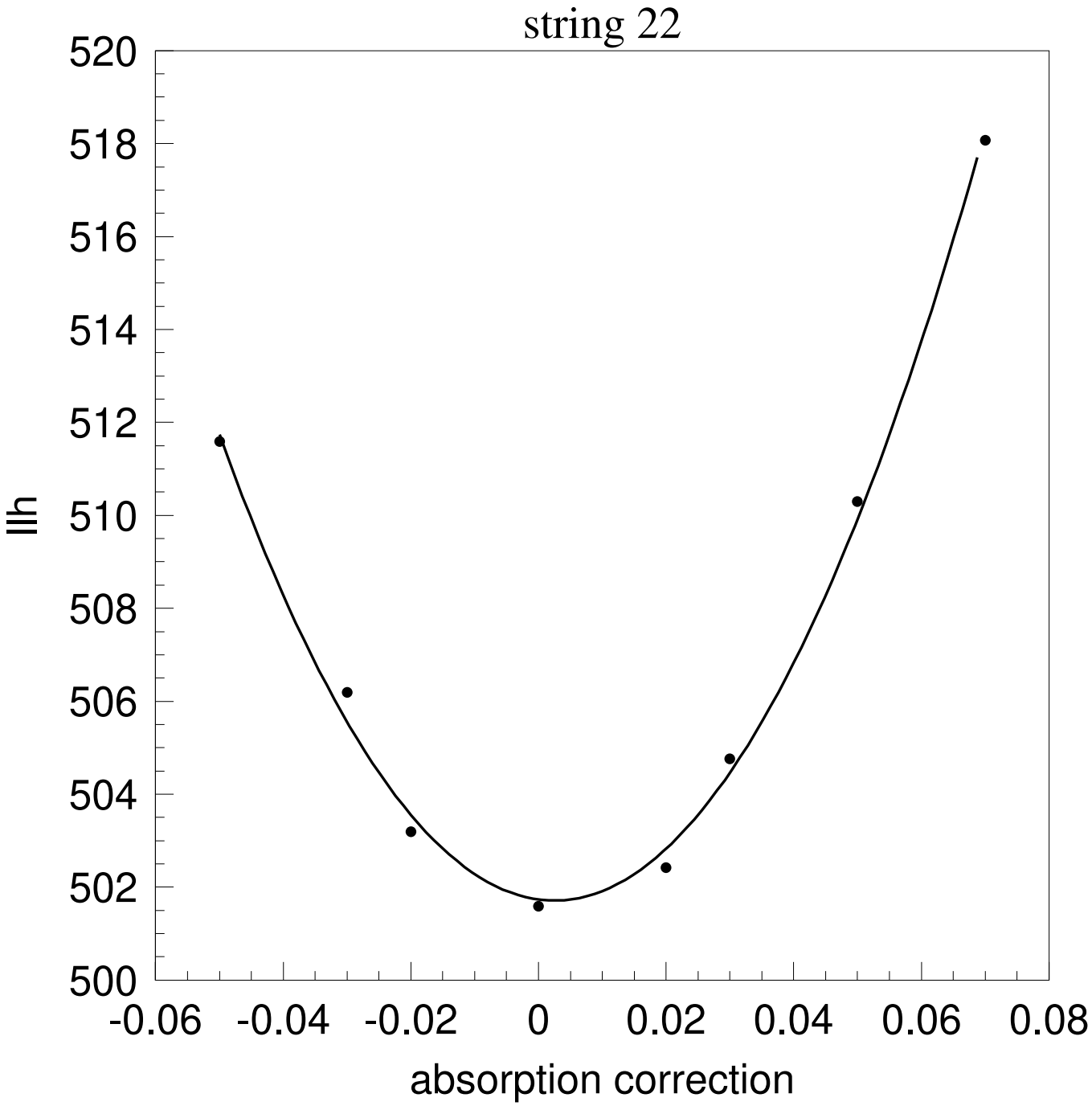

string 17
430
428
426
424
422
420
418
416
414
412
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

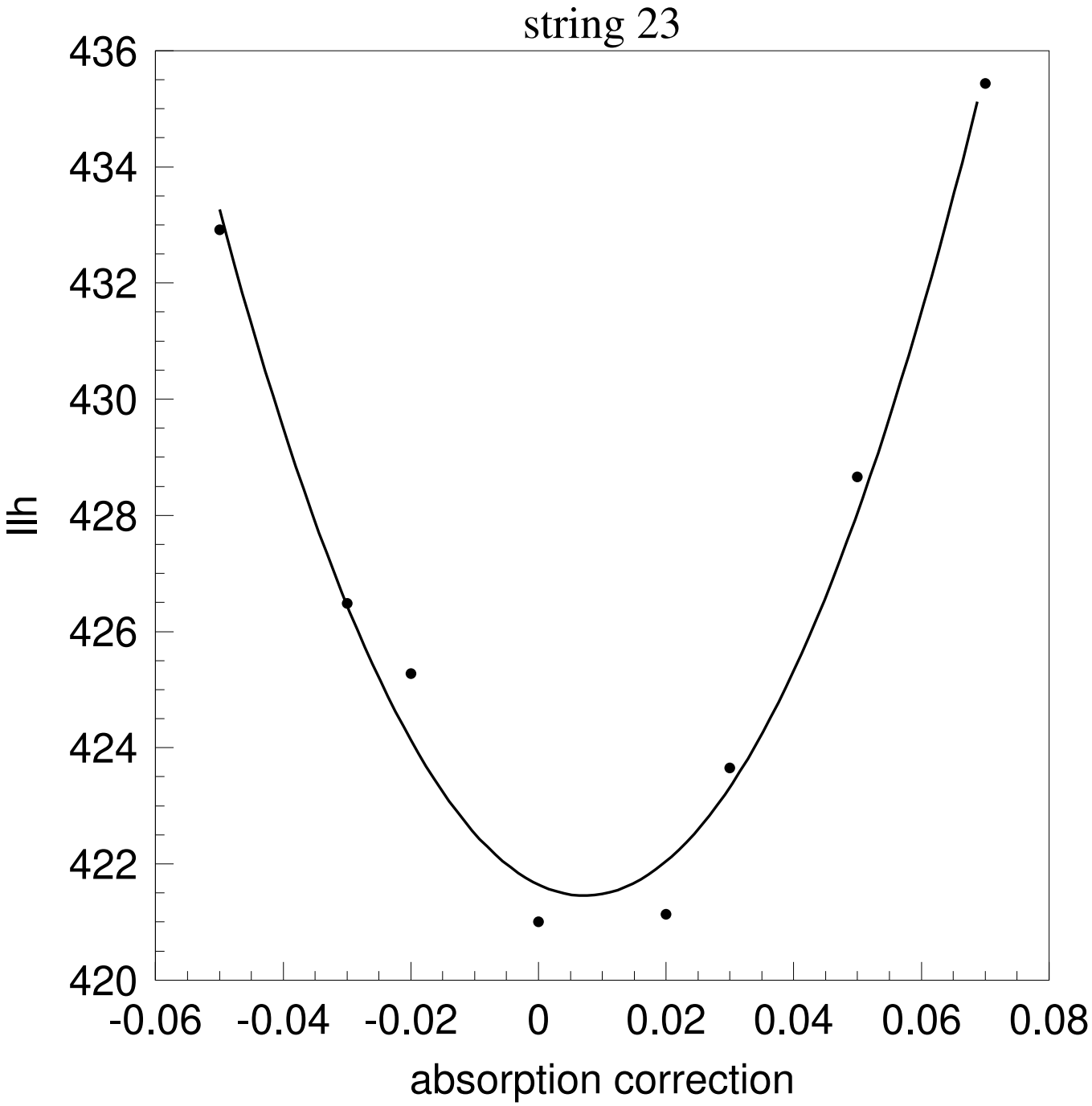

string 18
420
418
416
414
412
410
408
406
404
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

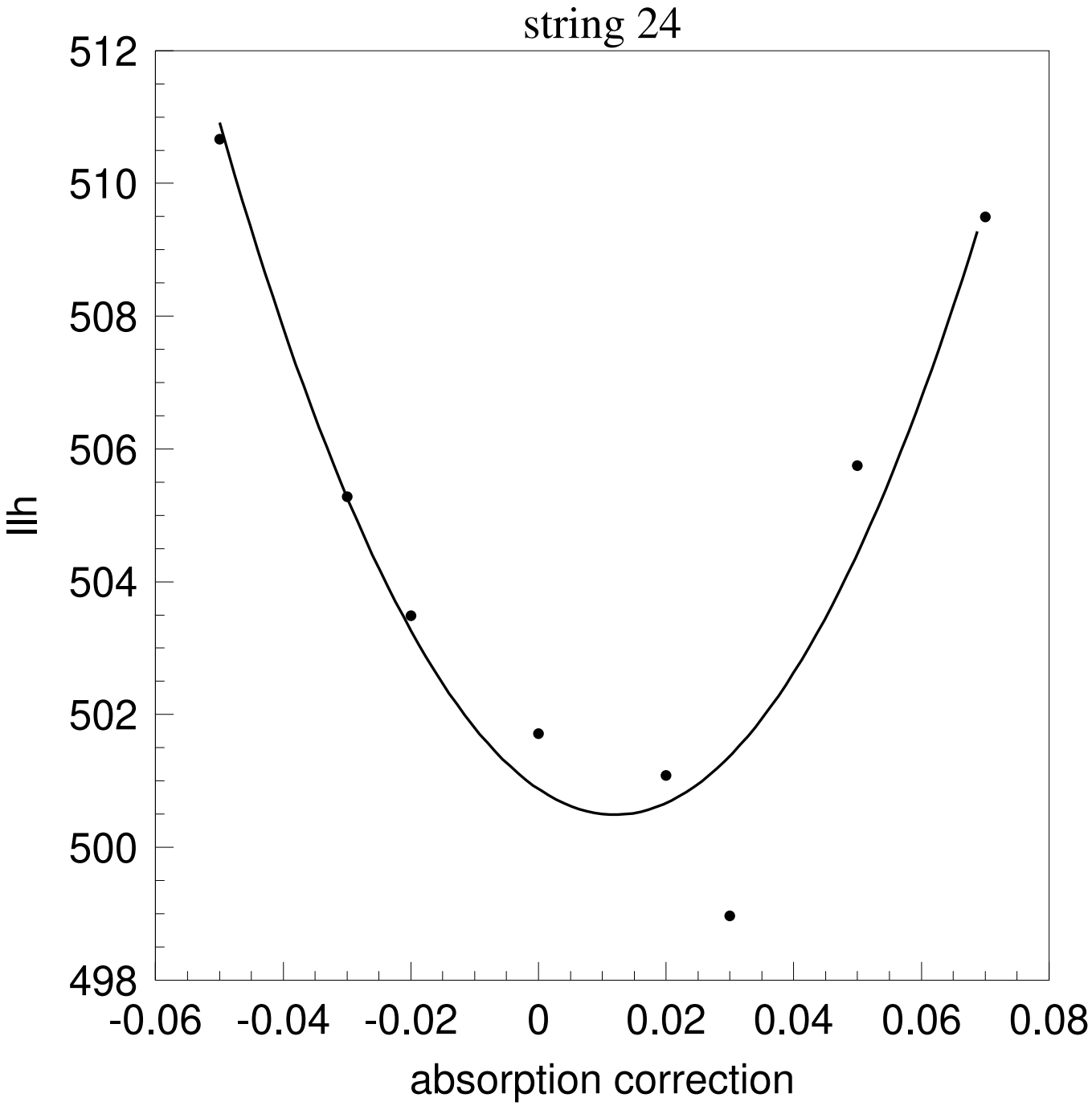

string 19
438
436
434
432
430
428
426
424
422
420
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

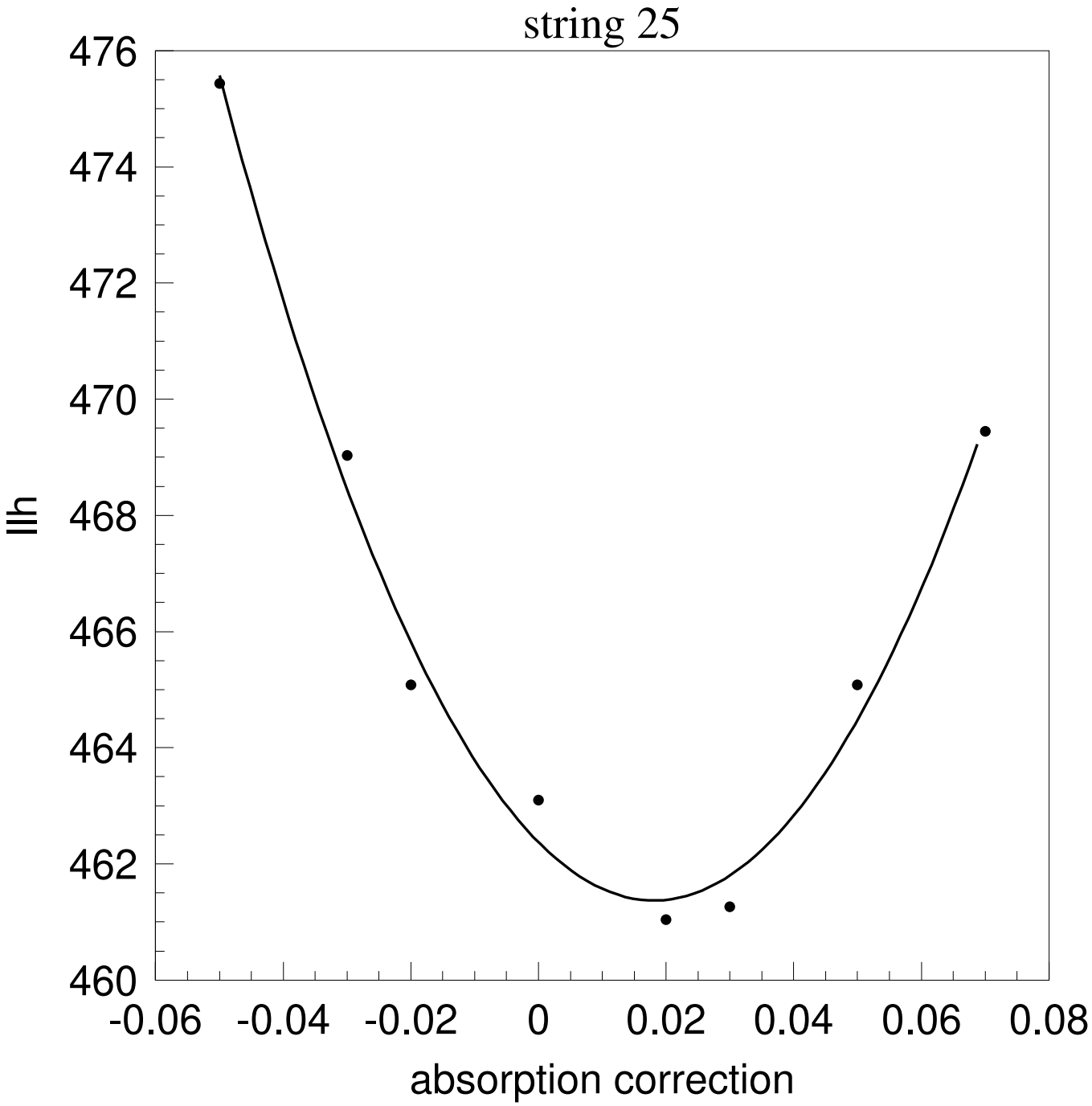

string 20
494
492
490
488
486
484
482
480
478
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

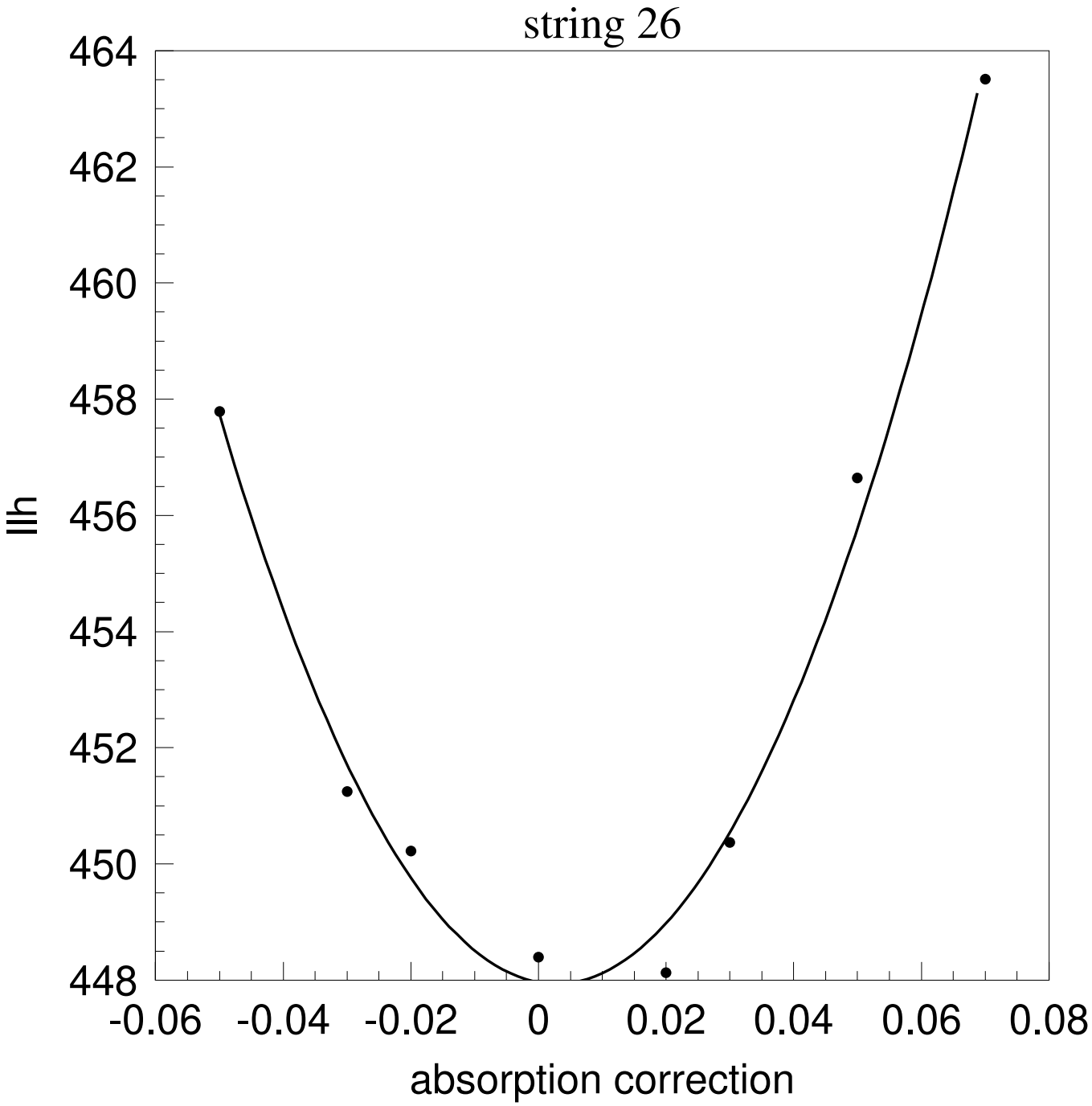

string 21
544
542
540
538
536
534
532
530
528
526
524
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

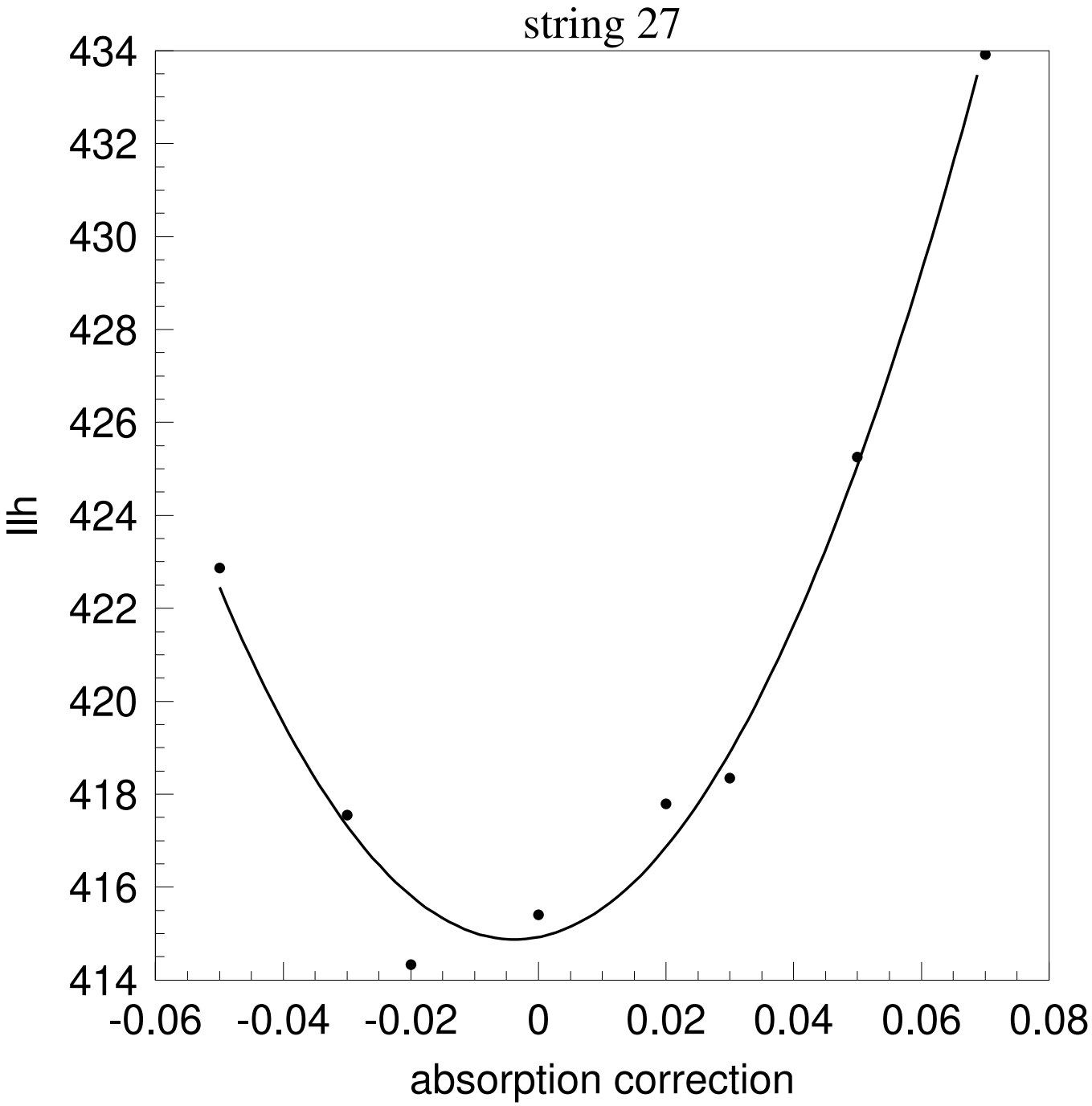

string 22
520
518
516
514
512
510
508
506
504
502
500
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

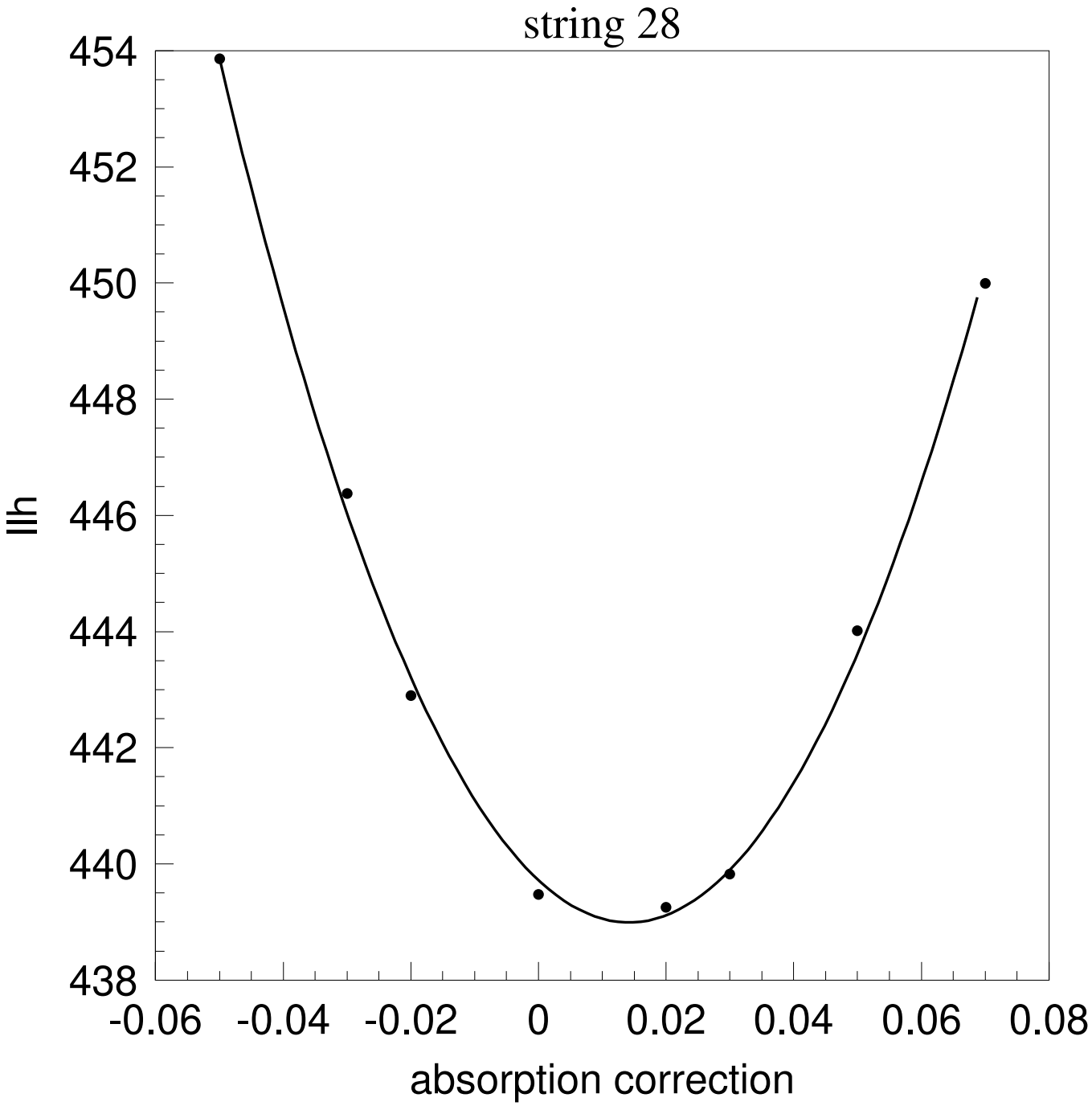

string 23
436
434
432
430
428
426
424
422
420
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

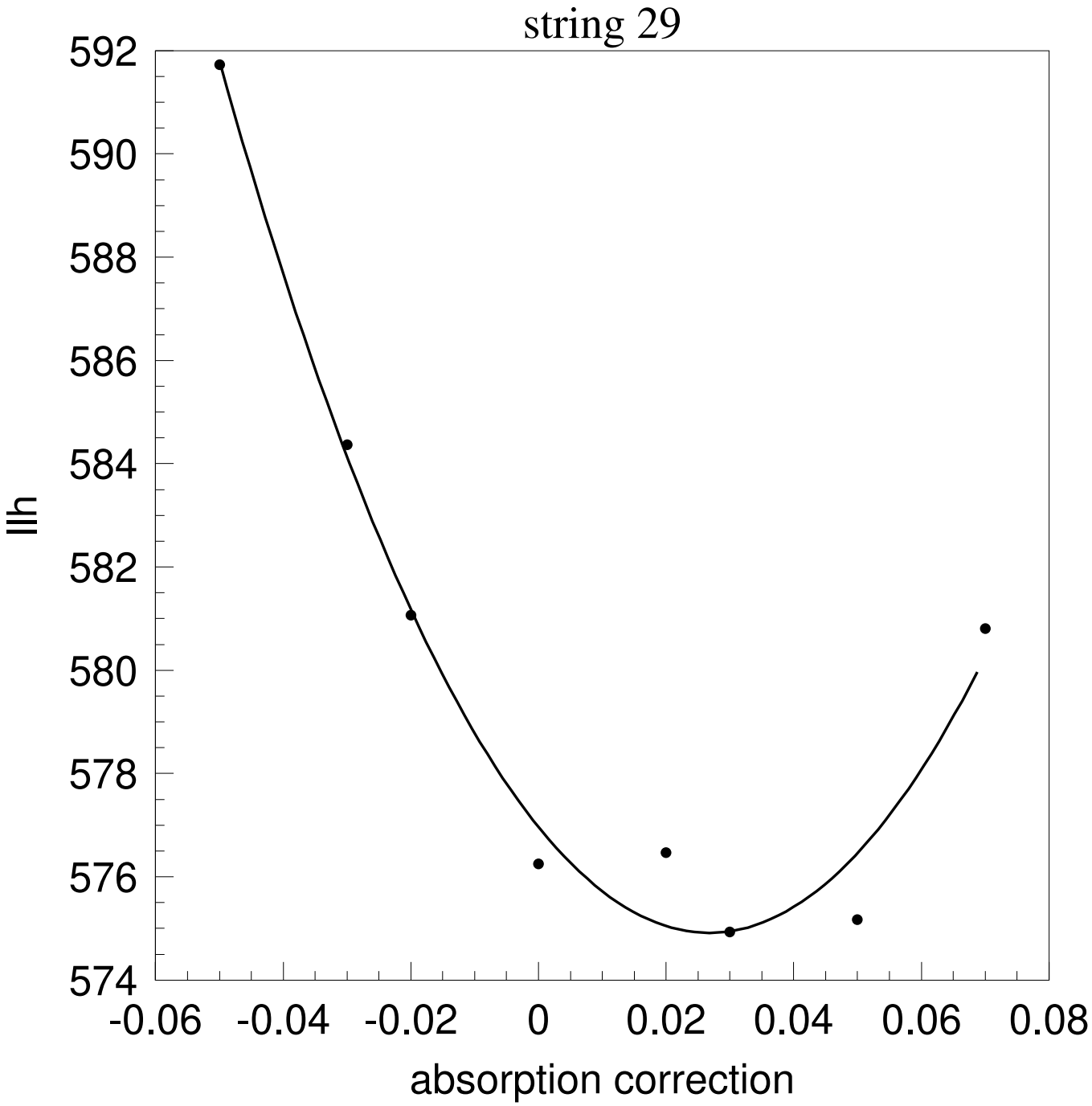

string 24
512
510
508
506
504
502
500
498
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

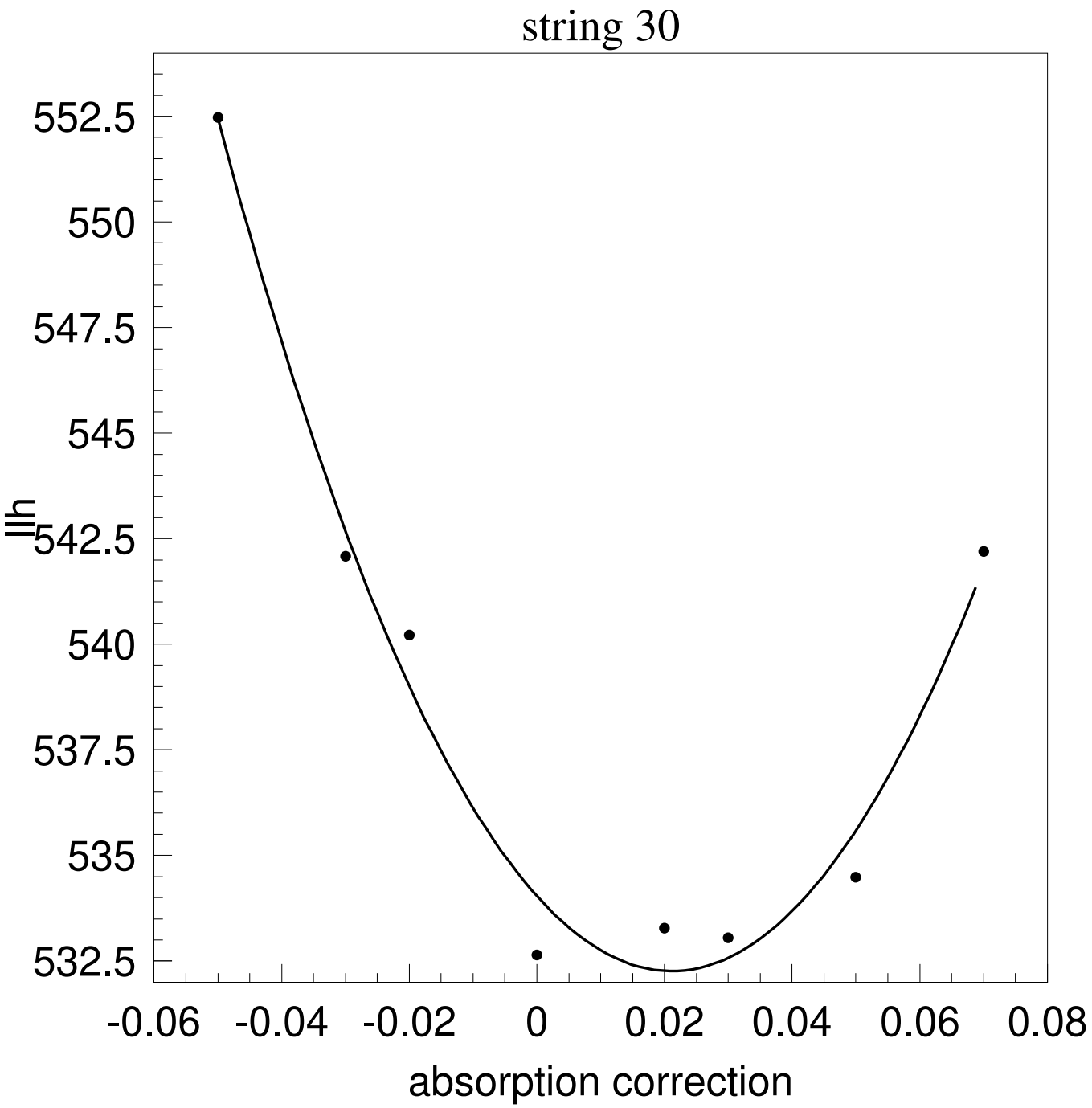

string 25
476
474
472
470
468
466
464
462
460
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

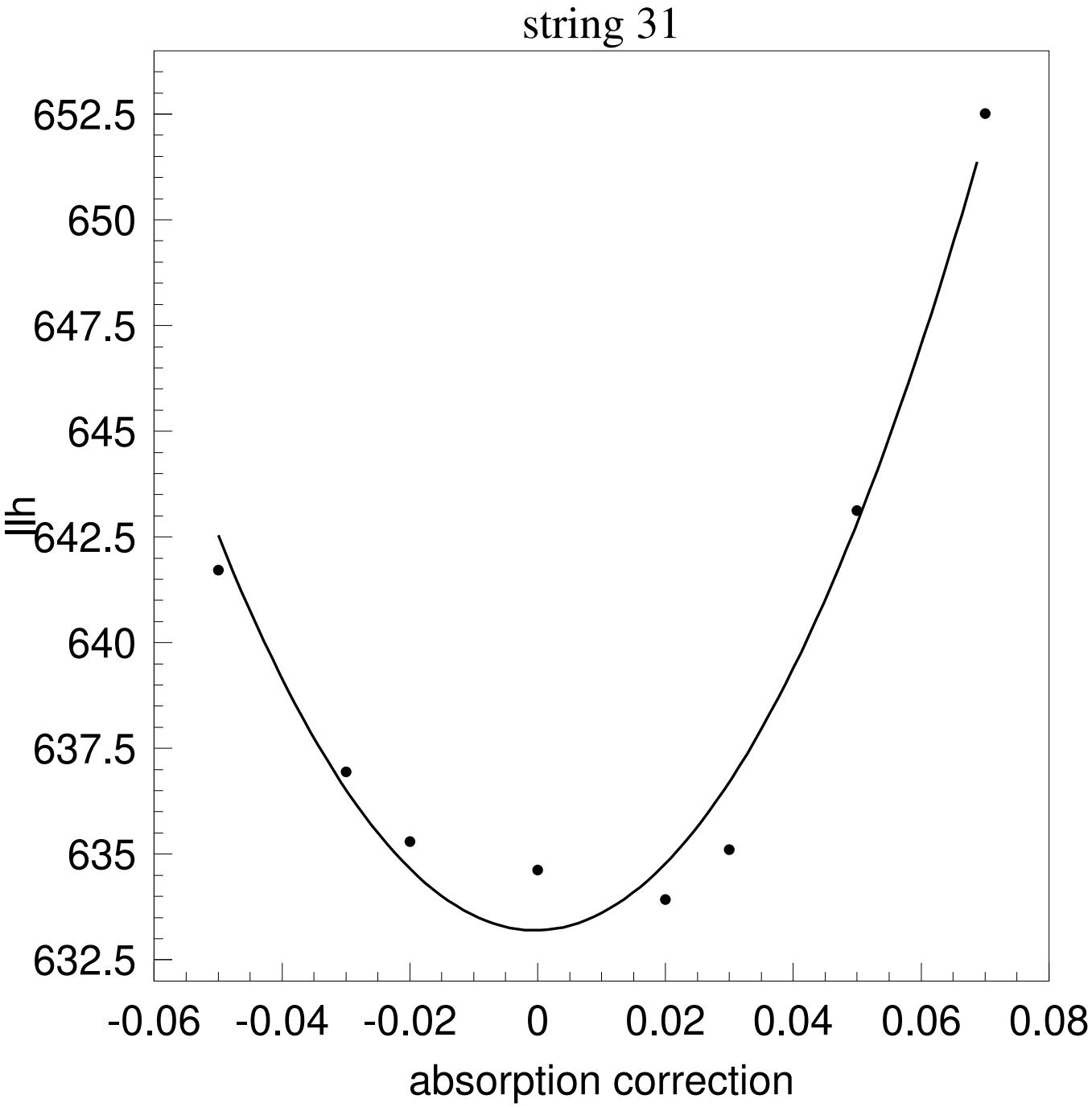

string 26
464
462
460
458
456
454
452
450
448
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

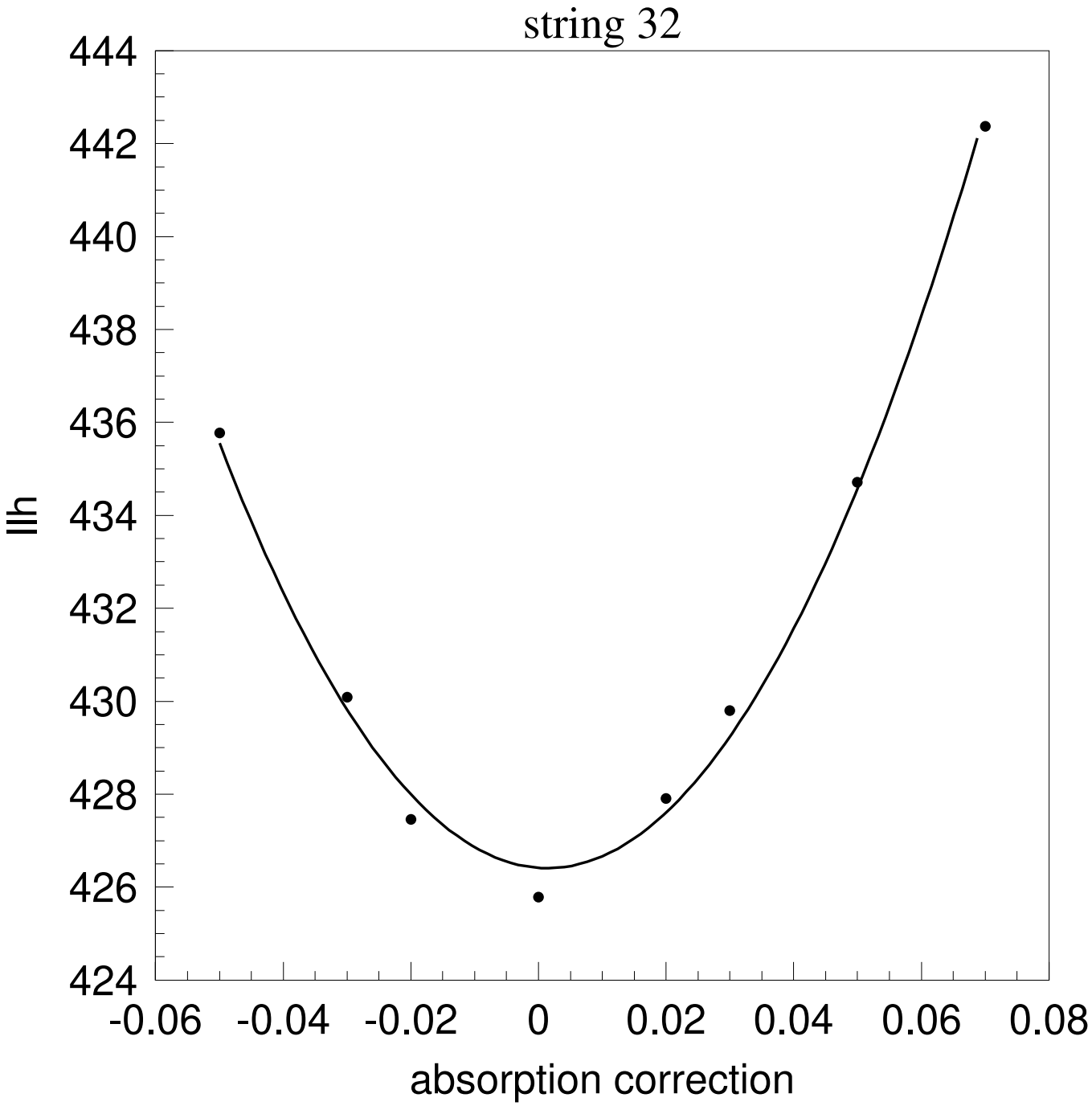

string 27
434
432
430
428
426
424
422
420
418
416
414
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

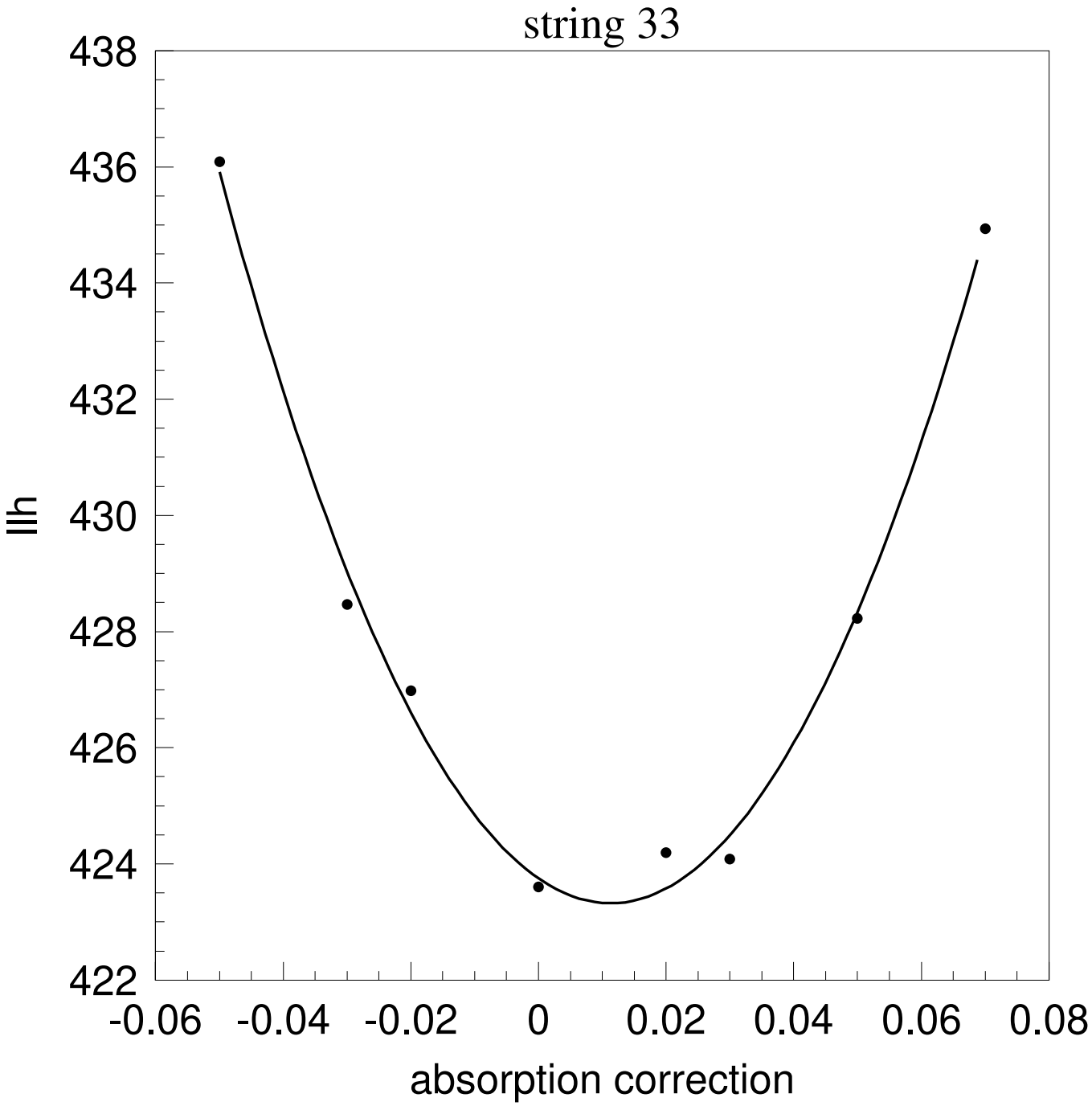

string 28
454
452
450
448
446
444
442
440
438
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

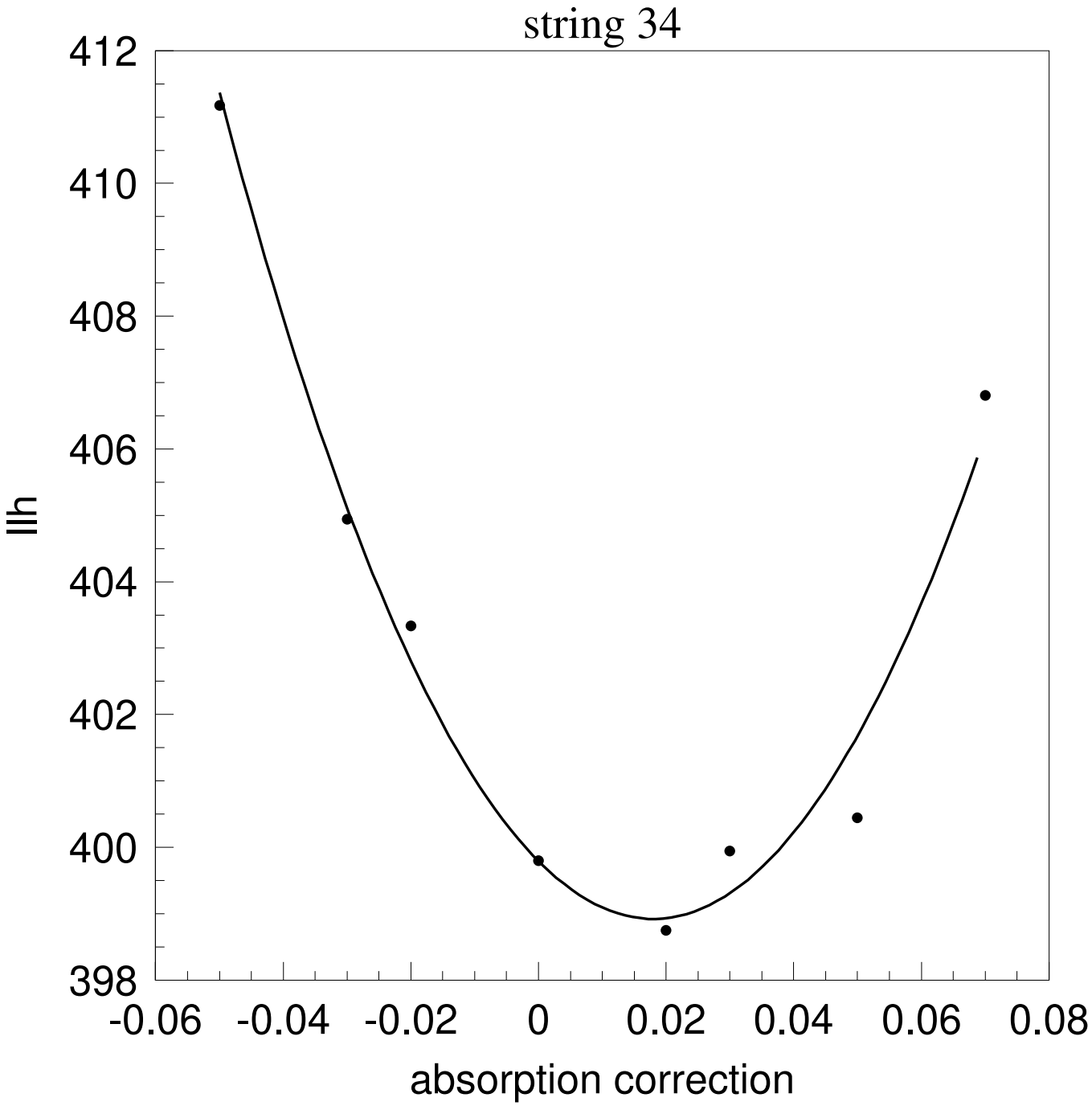

string 29
592
590
588
586
584
582
580
578
576
574
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

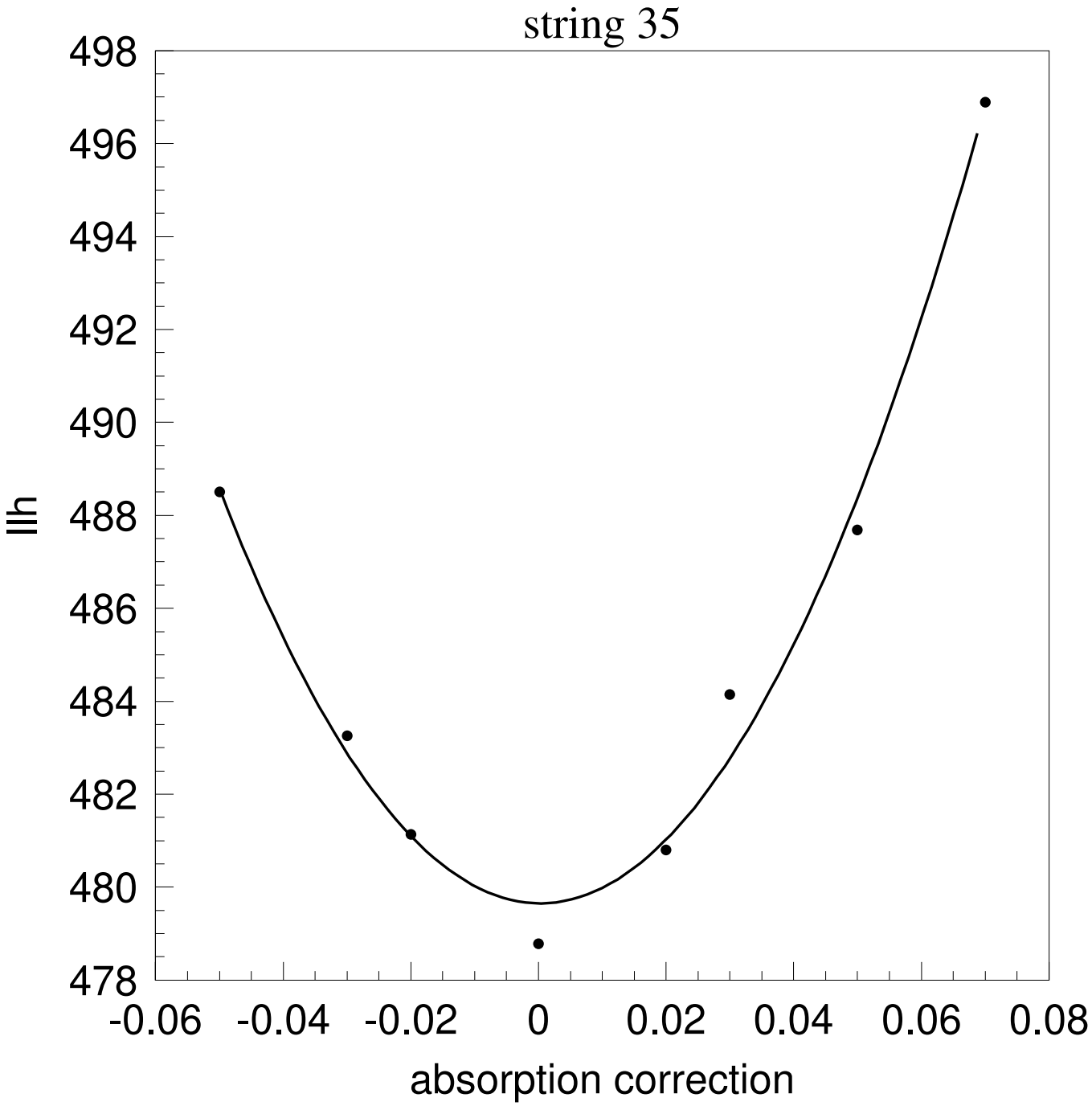

string 30
552.5
550
547.5
545
542.5
540
537.5
535
532.5
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

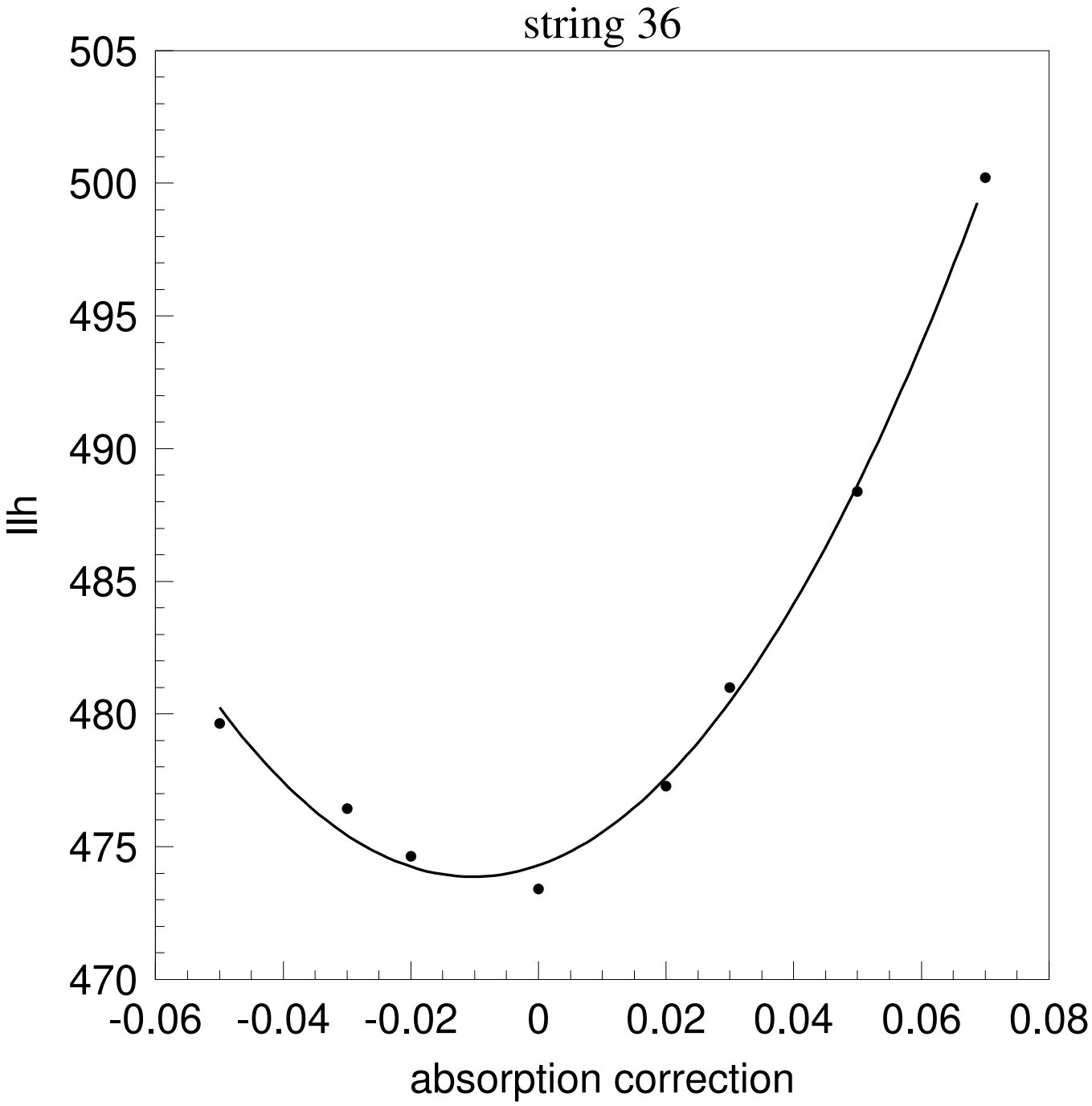

string 31
652.5
650
647.5
645
642.5
640
637.5
635
632.5
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

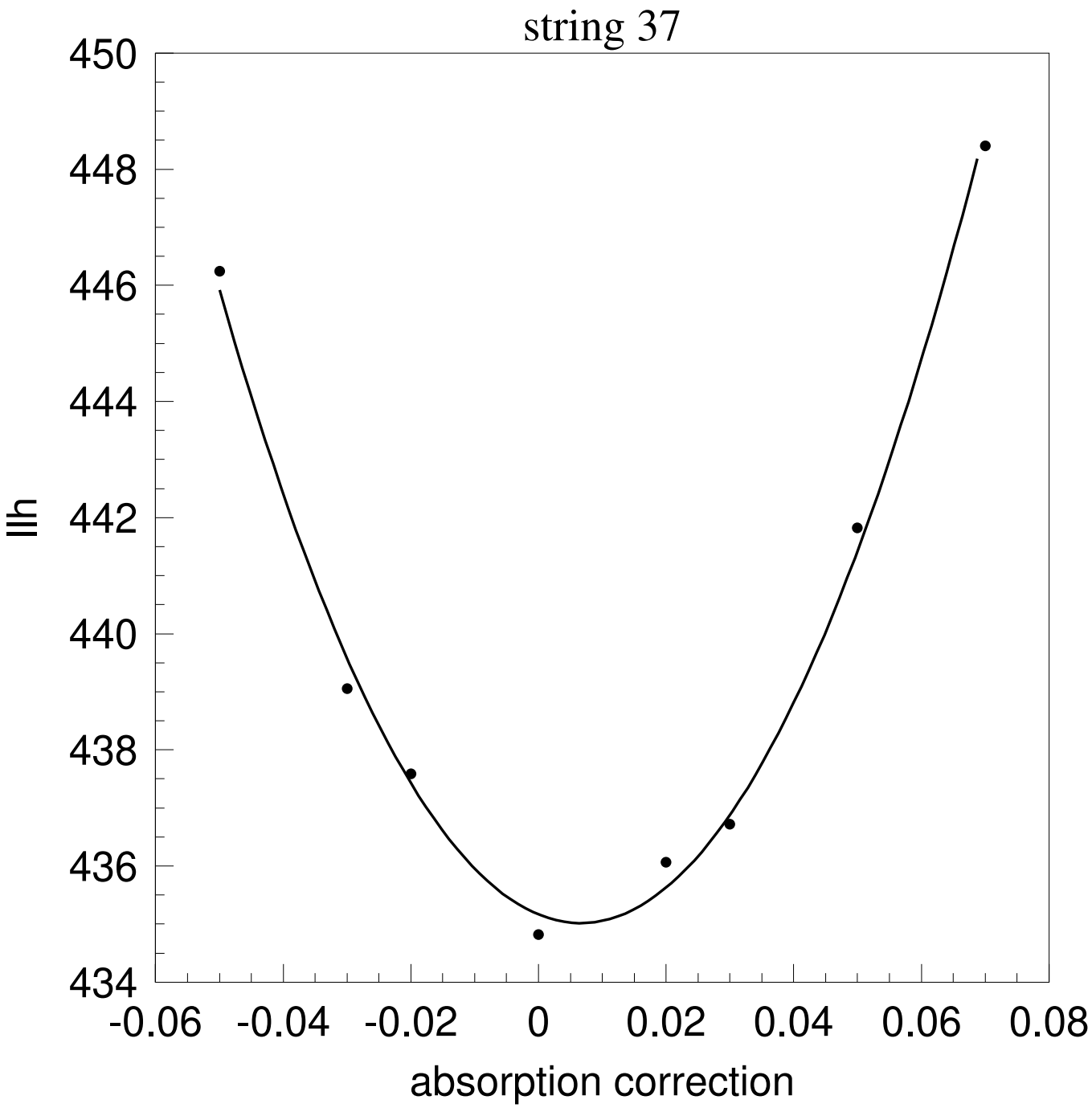

string 32
444
442
440
438
436
434
432
430
428
426
424
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

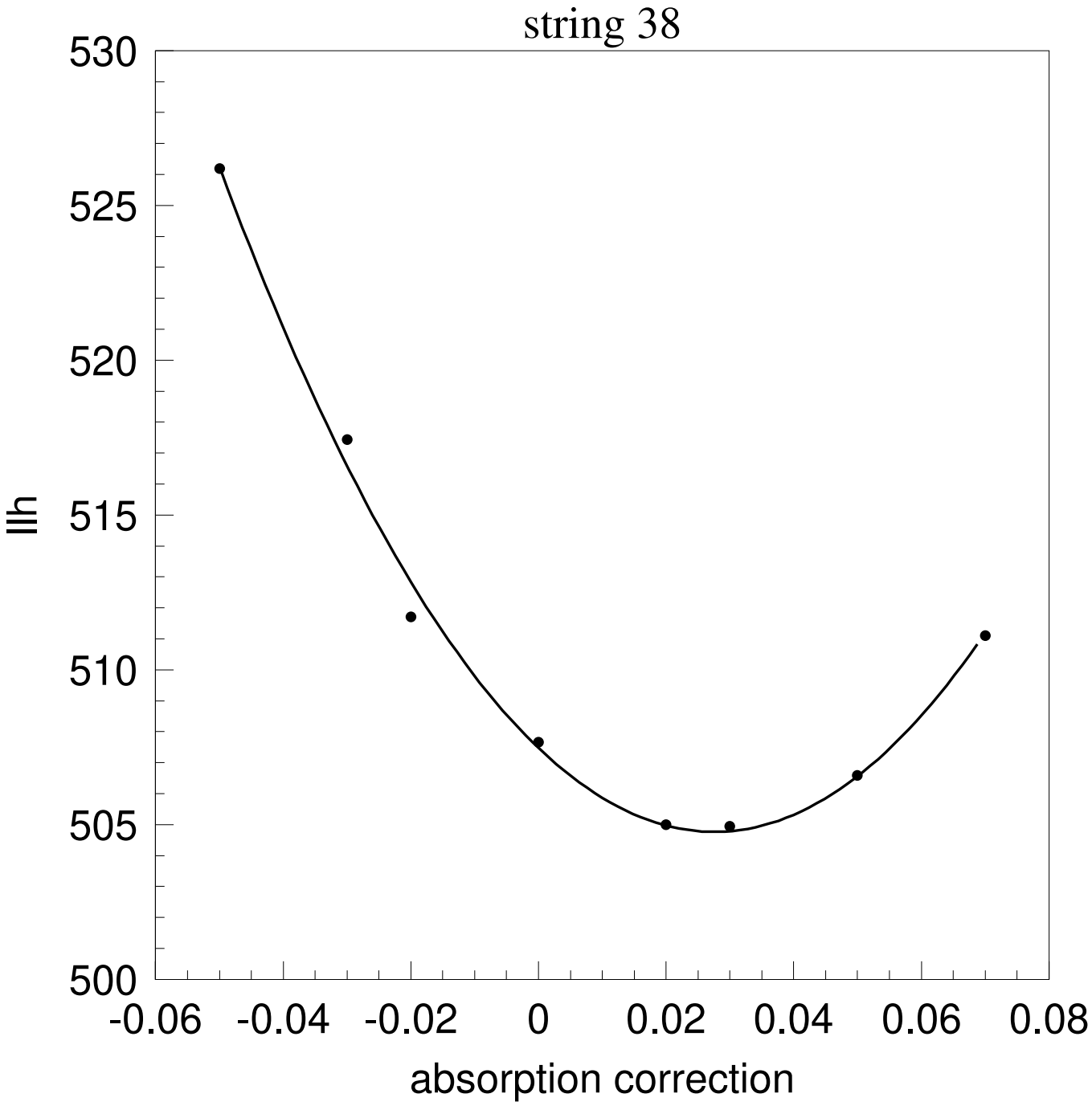

string 33
438
436
434
432
430
428
426
424
422
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

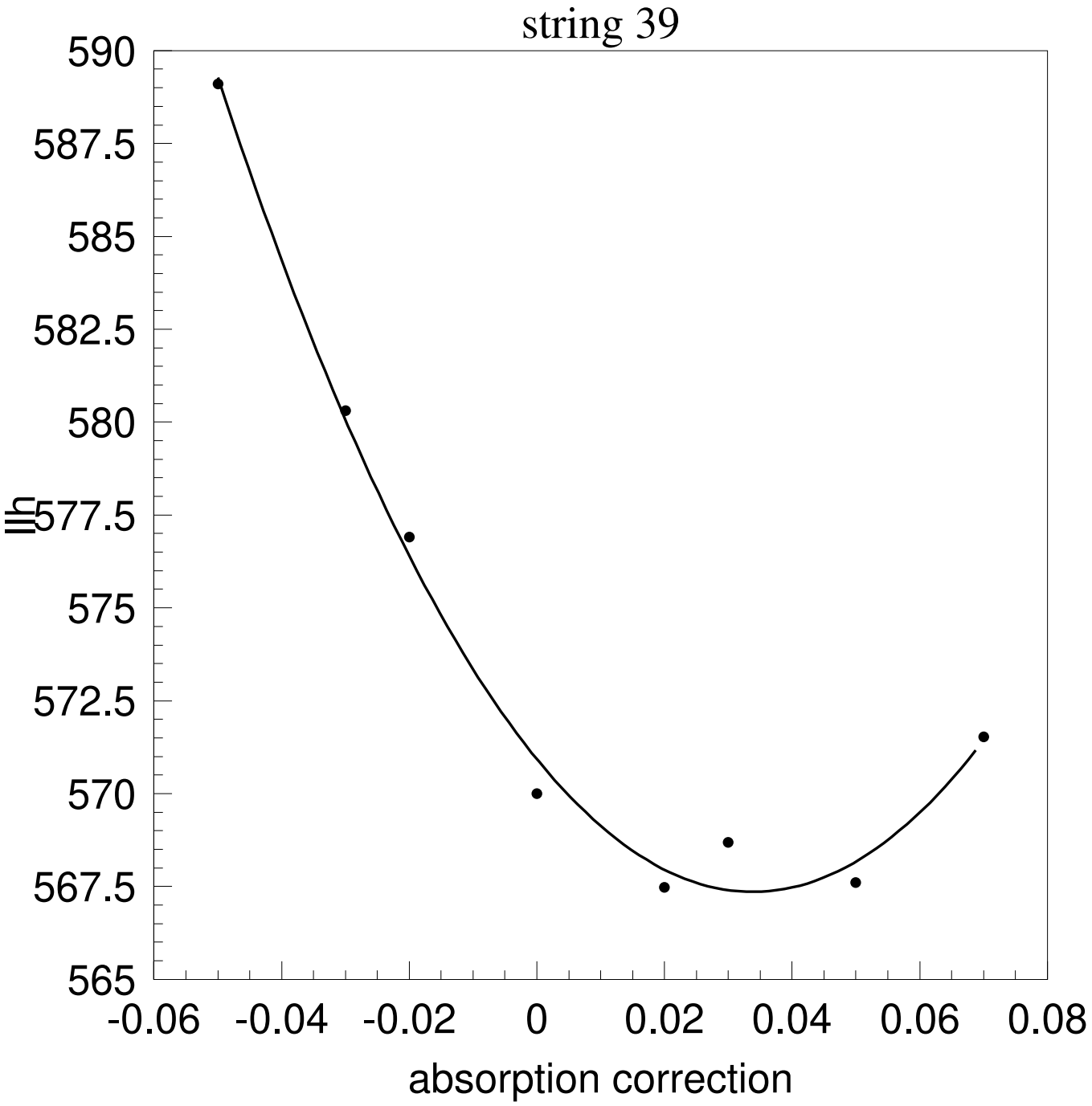

string 34
412
410
408
406
404
402
400
398
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

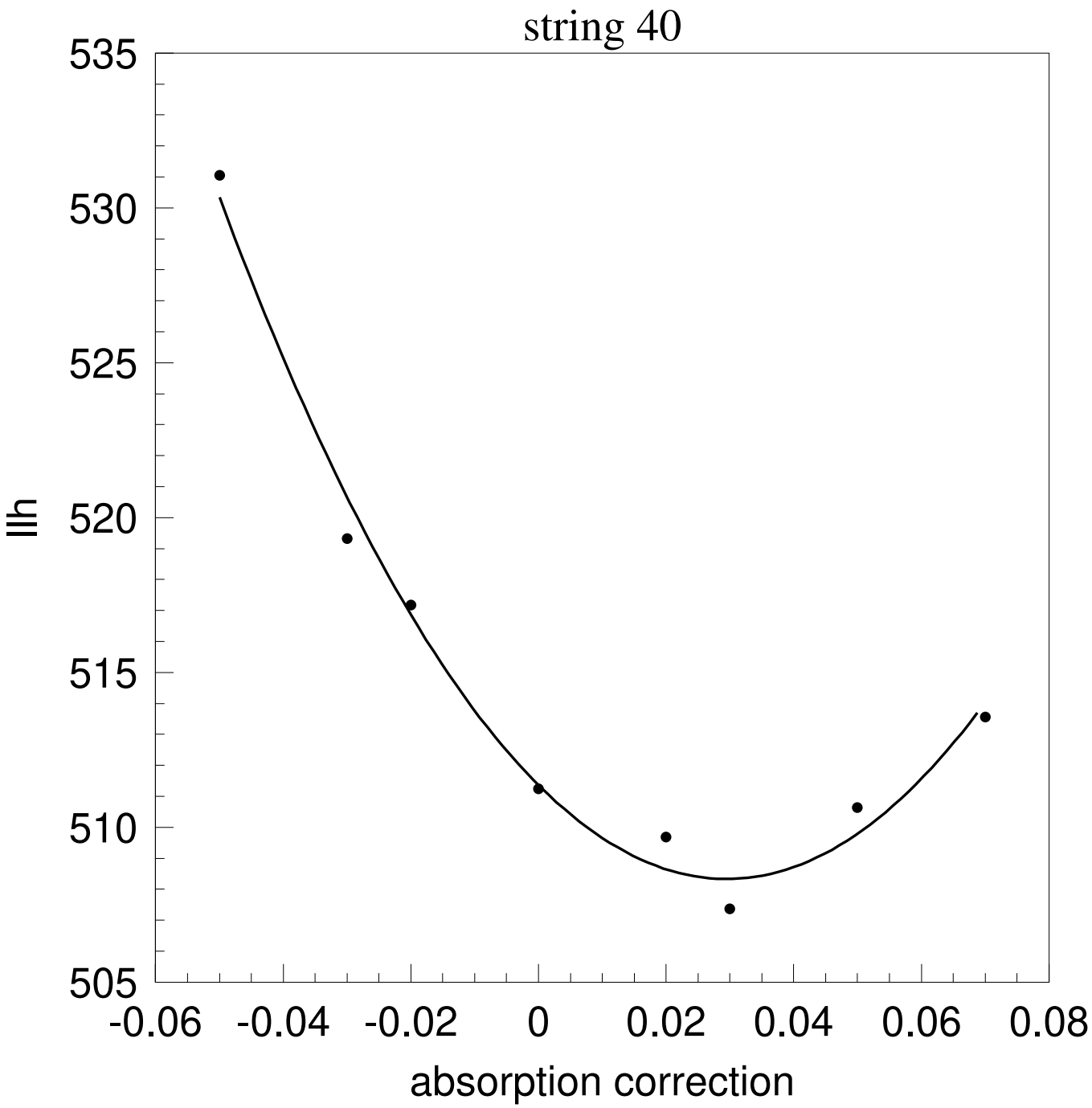

string 35
498
496
494
492
490
488
486
484
482
480
478
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

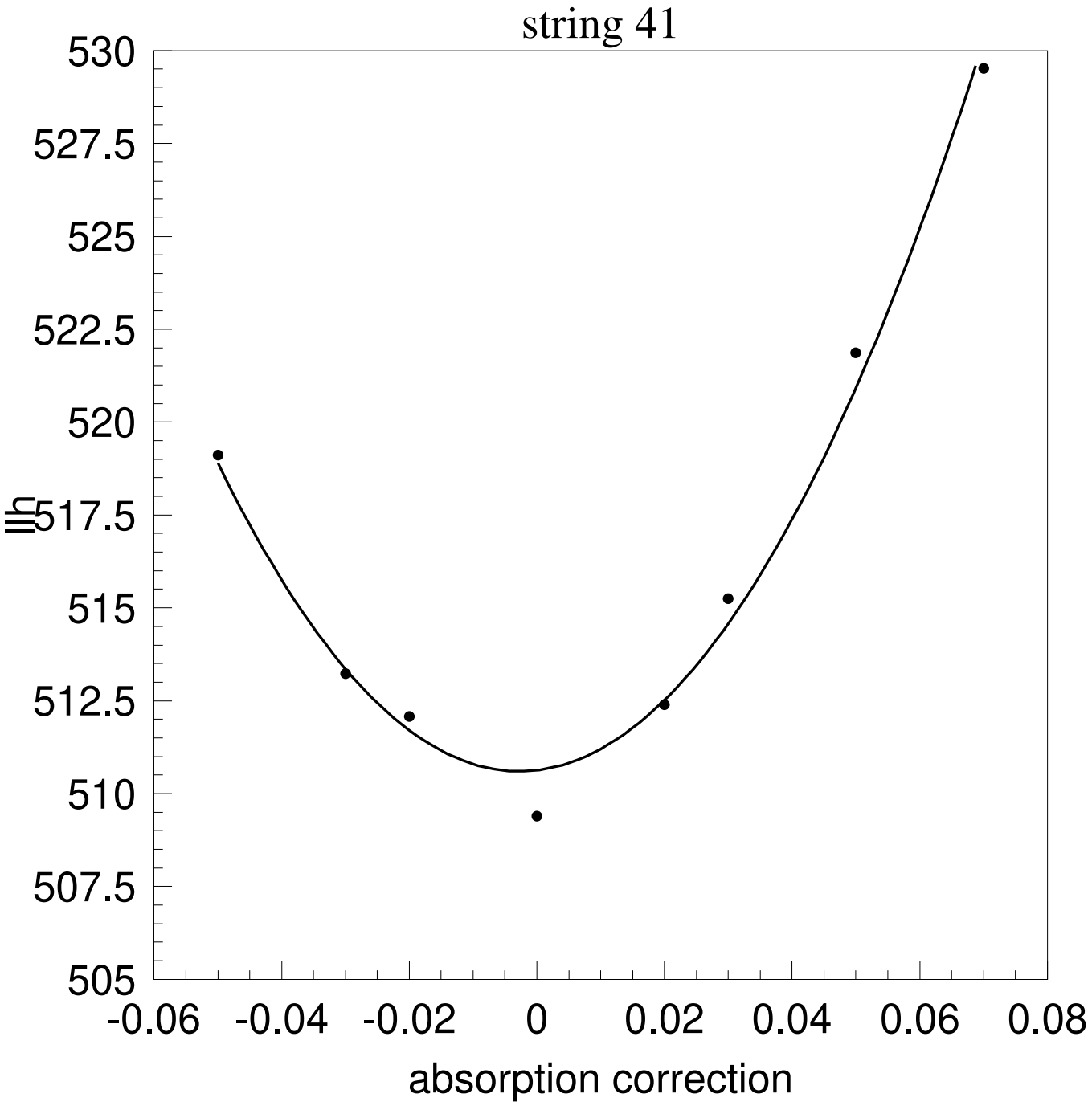

string 36
505
500
495
490
485
480
475
470
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

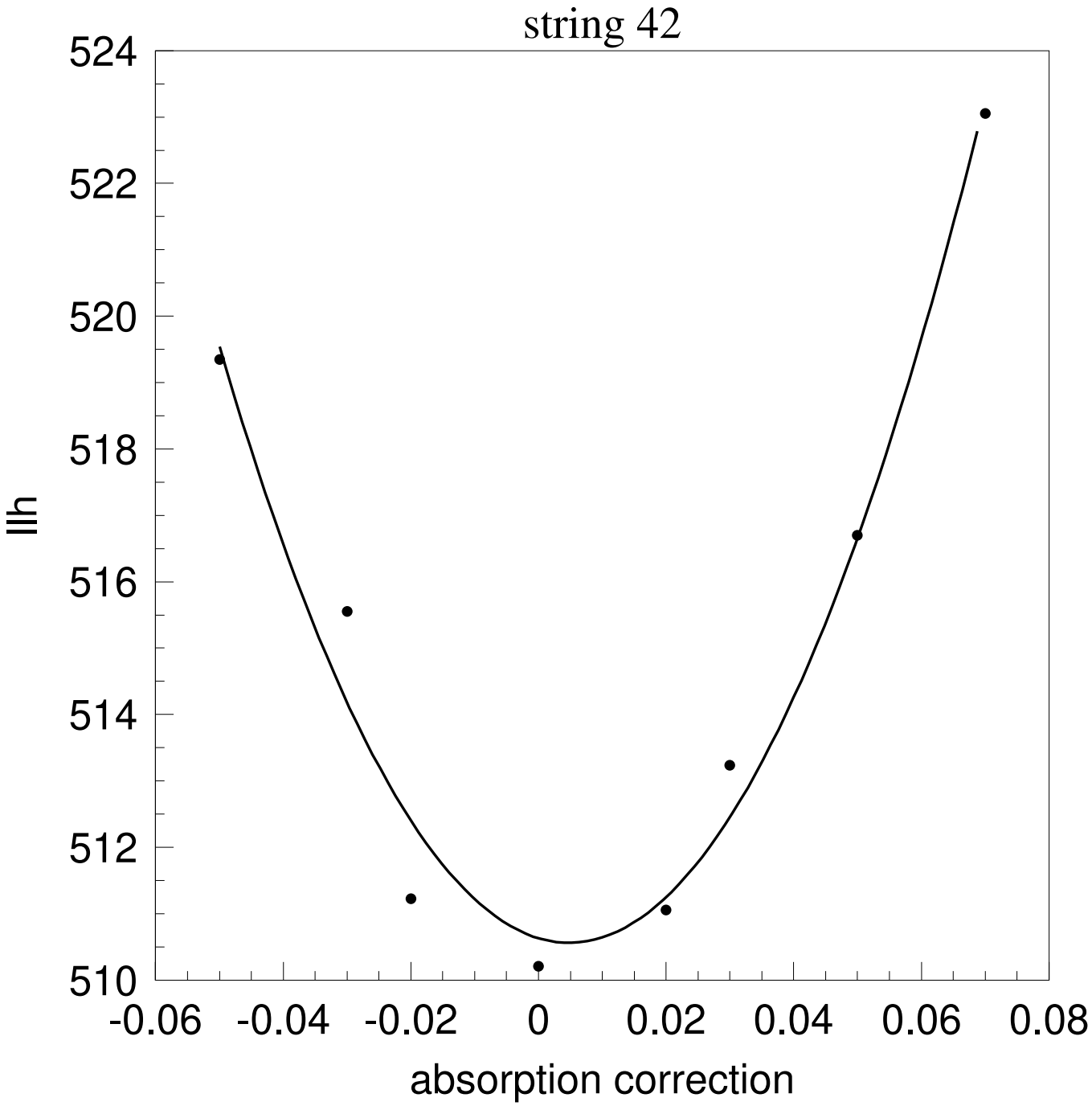

string 37
450
448
446
444
442
440
438
436
434
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

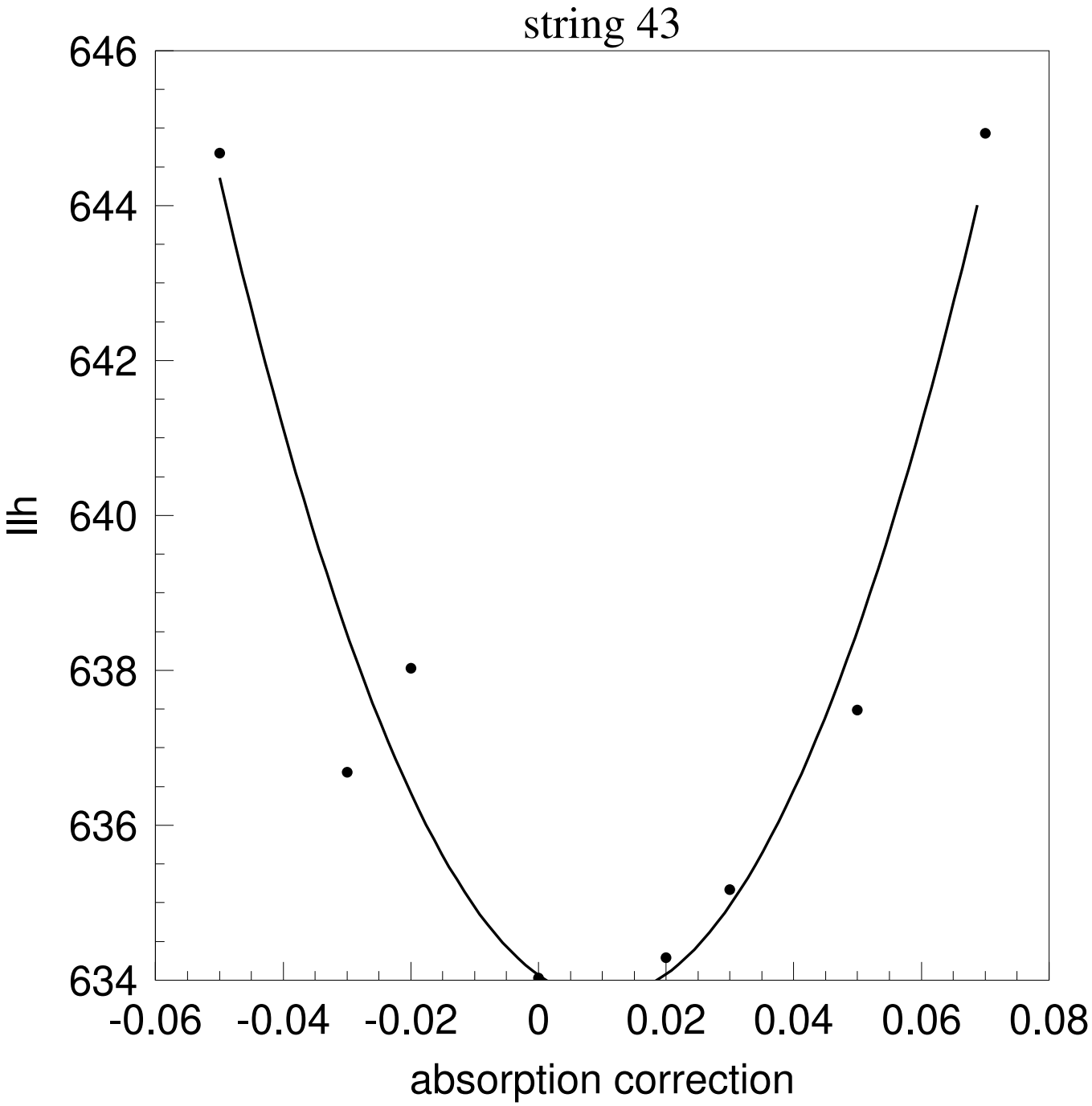

string 38
530
525
520
515
510
505
500
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

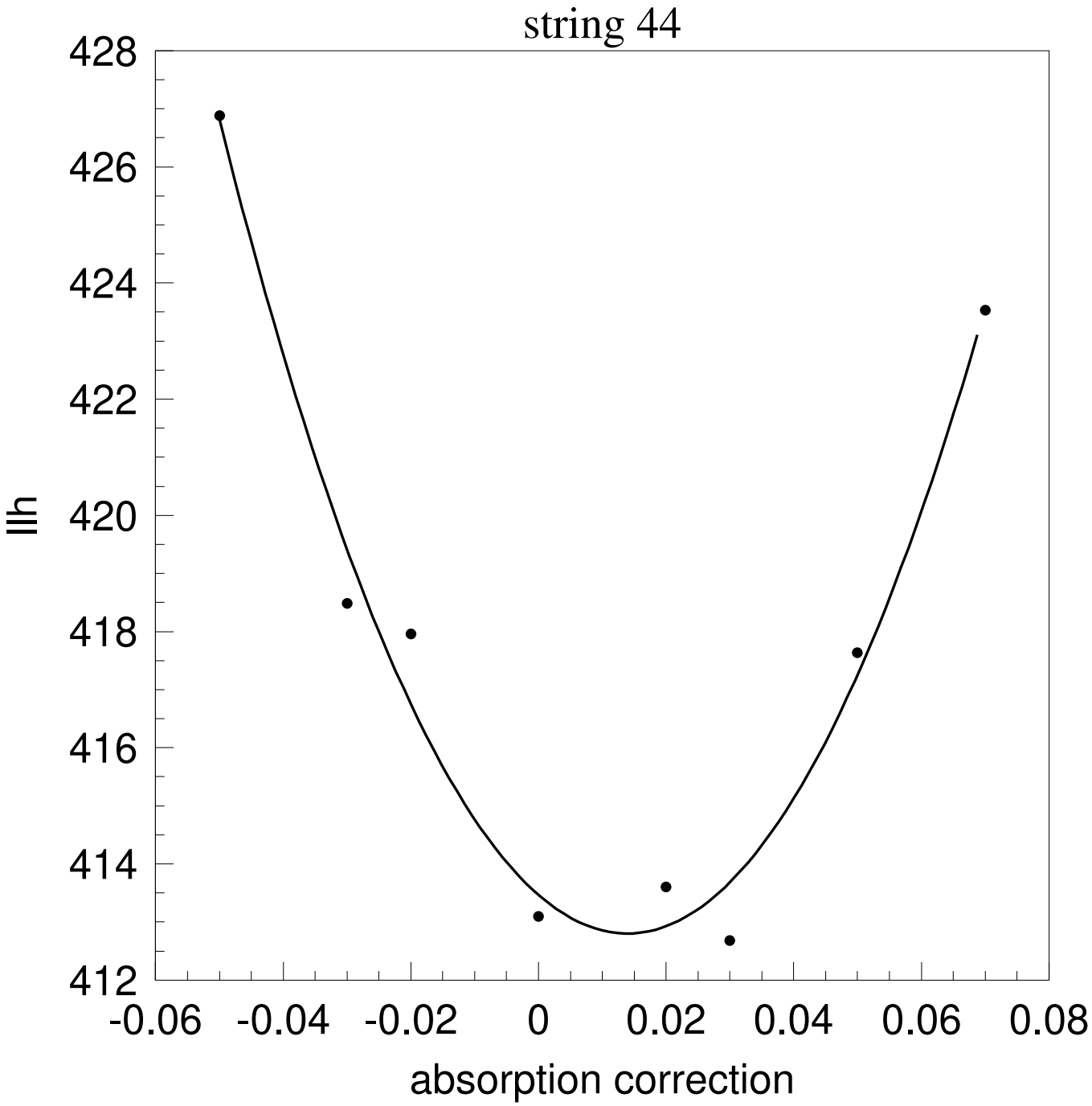

string 39
590
587.5
585
582.5
580
577.5
575
572.5
570
567.5
565
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

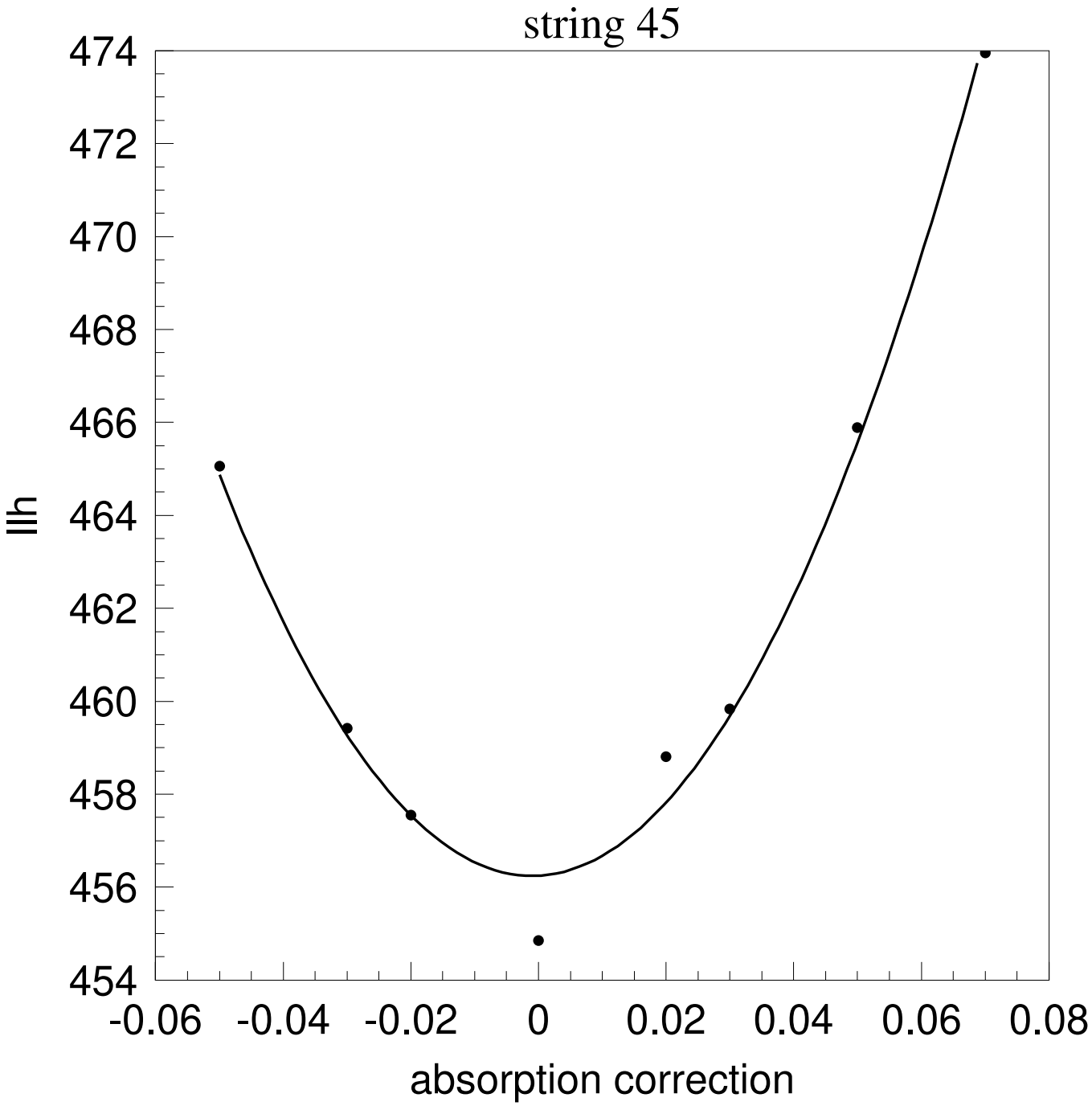

string 40
535
530
525
520
515
510
505
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

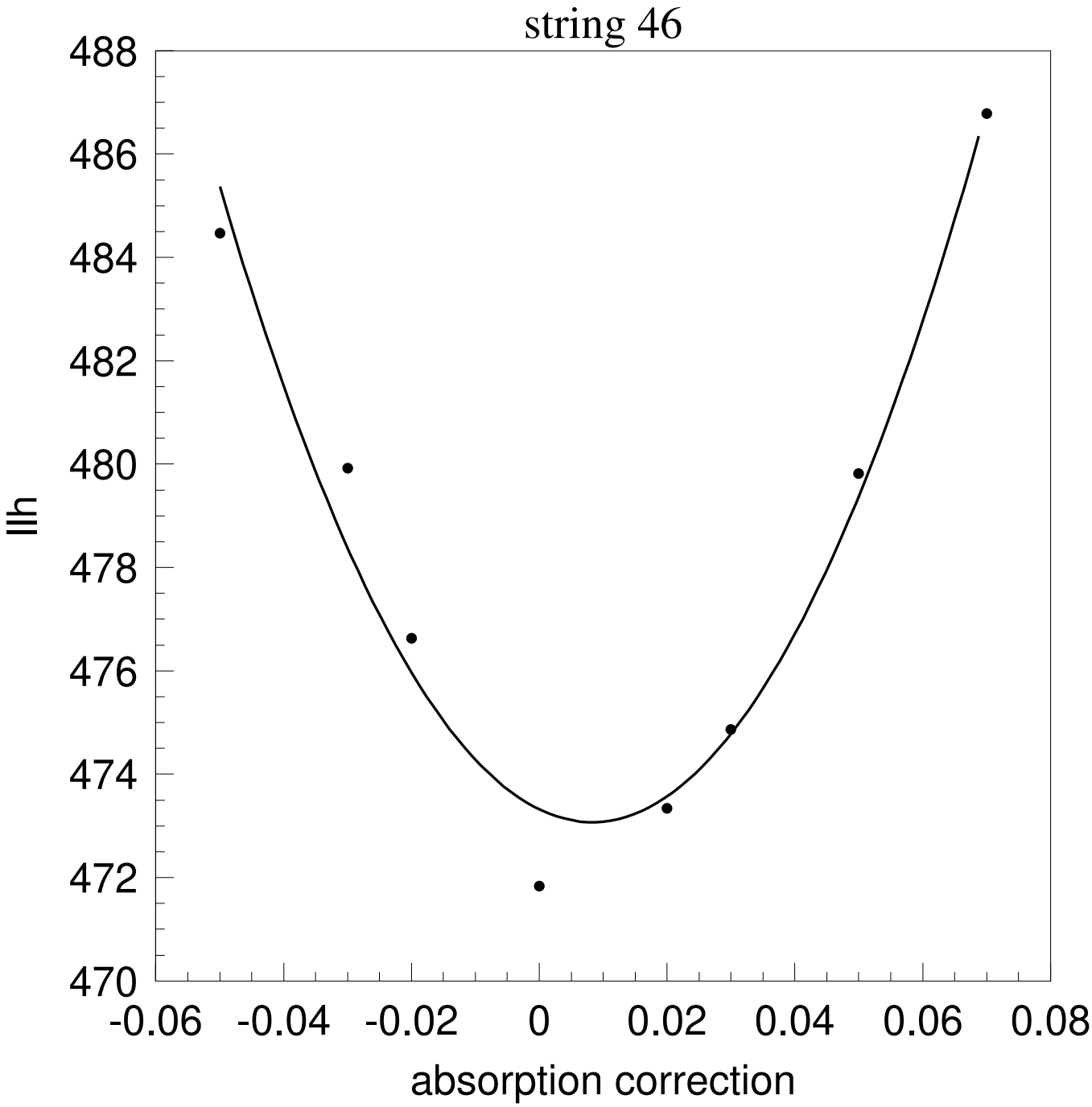

string 41
530
527.5
525
522.5
520
517.5
515
512.5
510
507.5
505
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

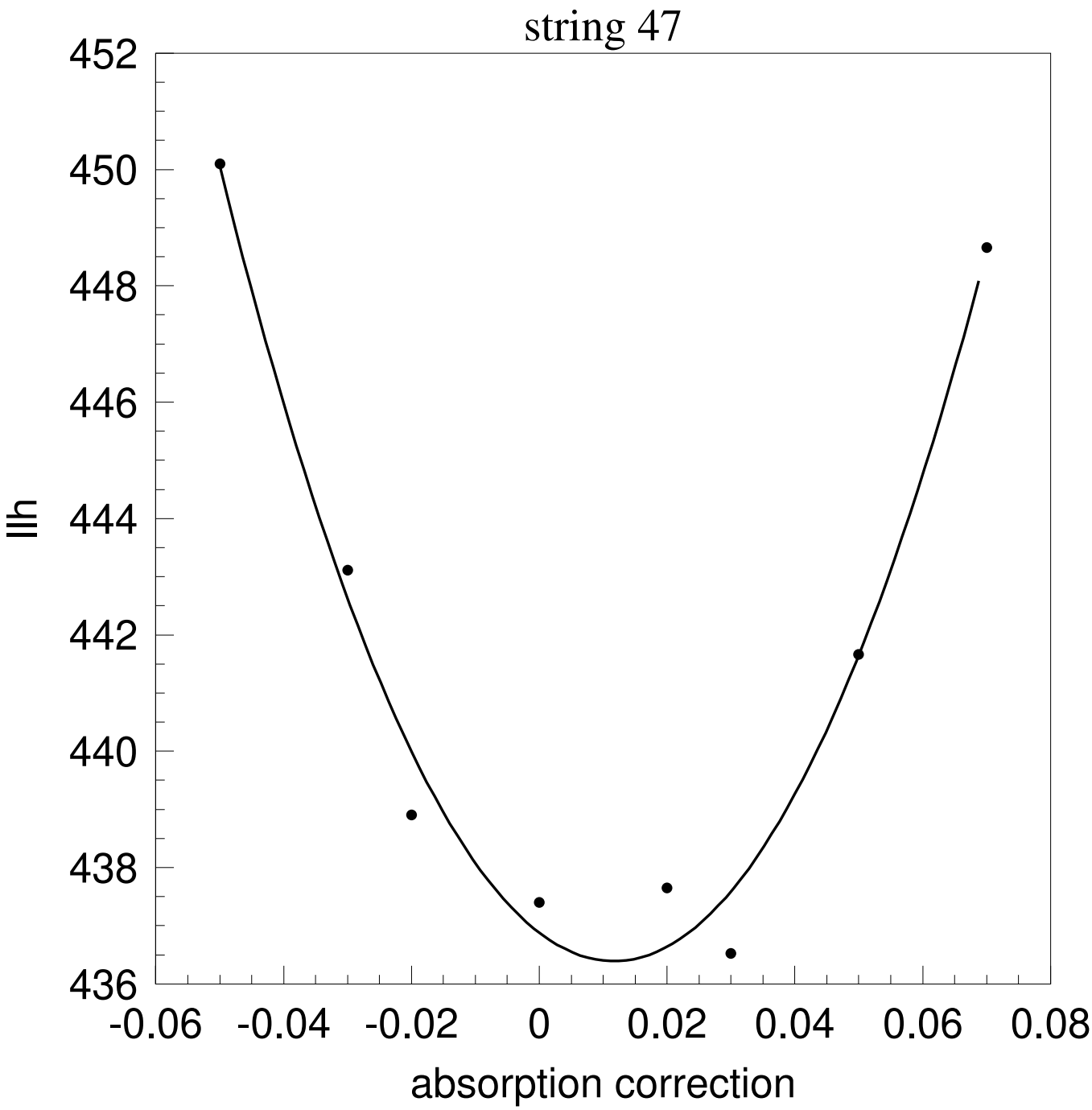

string 42
524
522
520
518
516
514
512
510
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

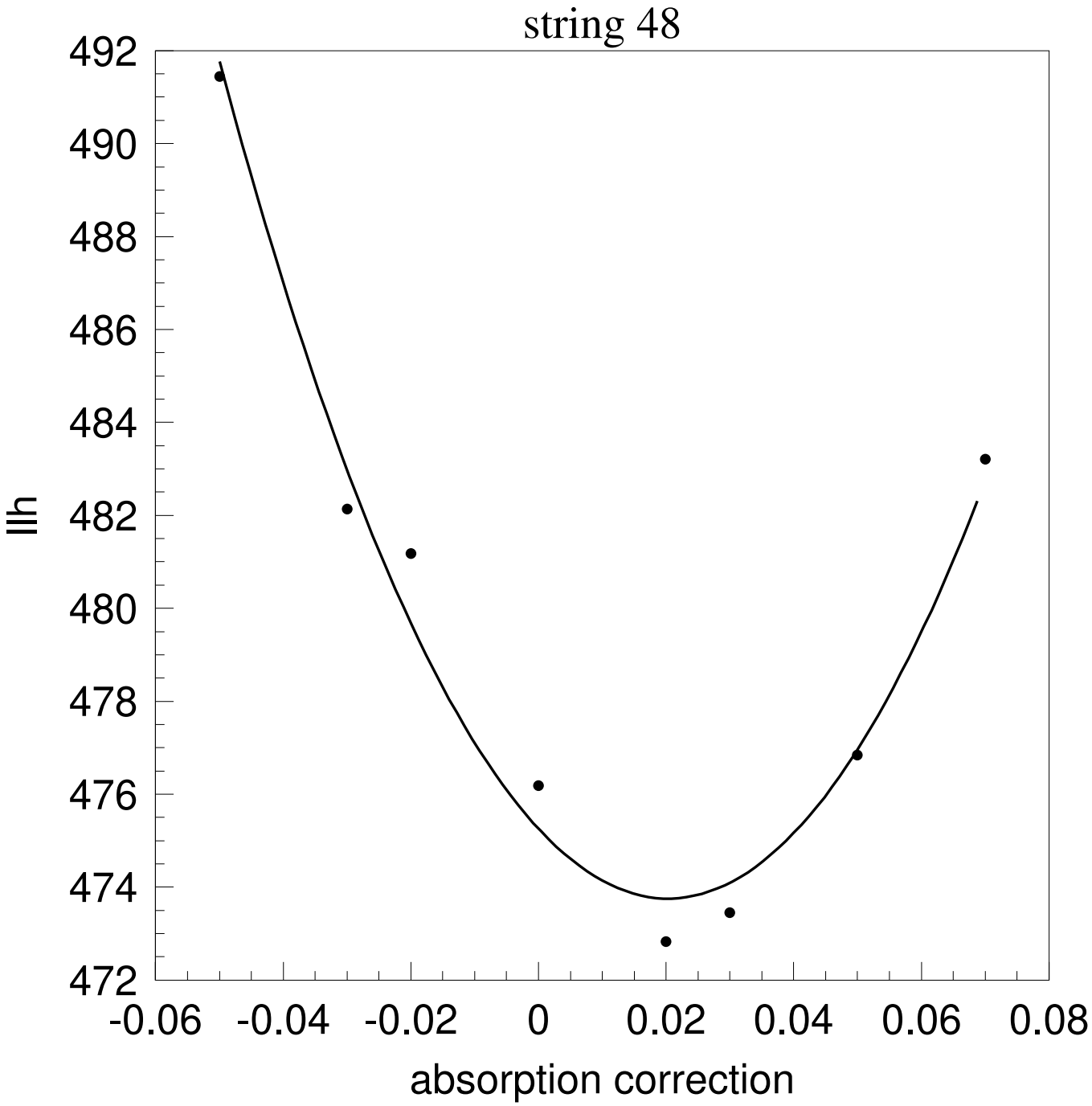

string 43
646
644
642
640
638
636
634
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

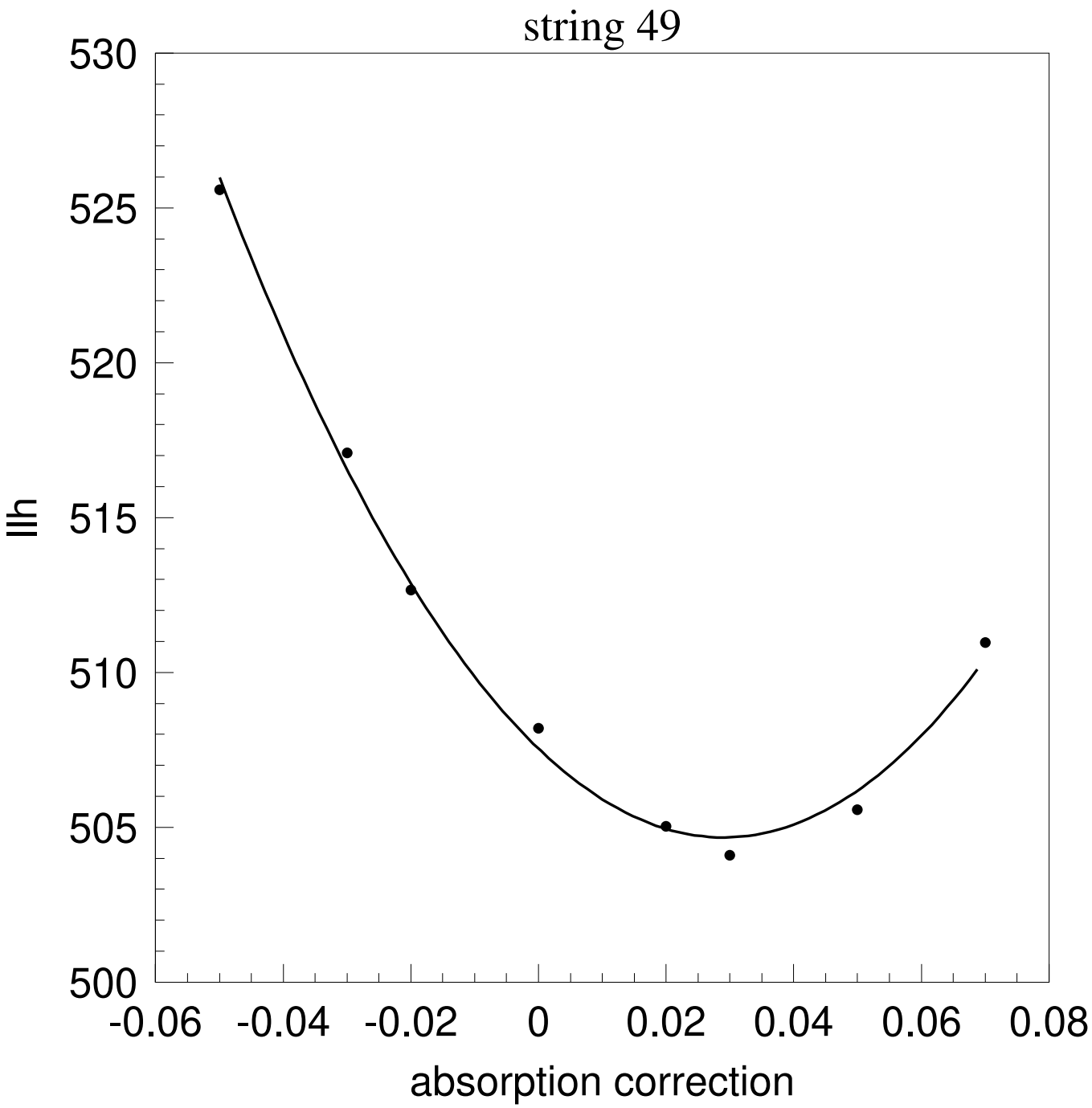

string 44
428
426
424
422
420
418
416
414
412
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

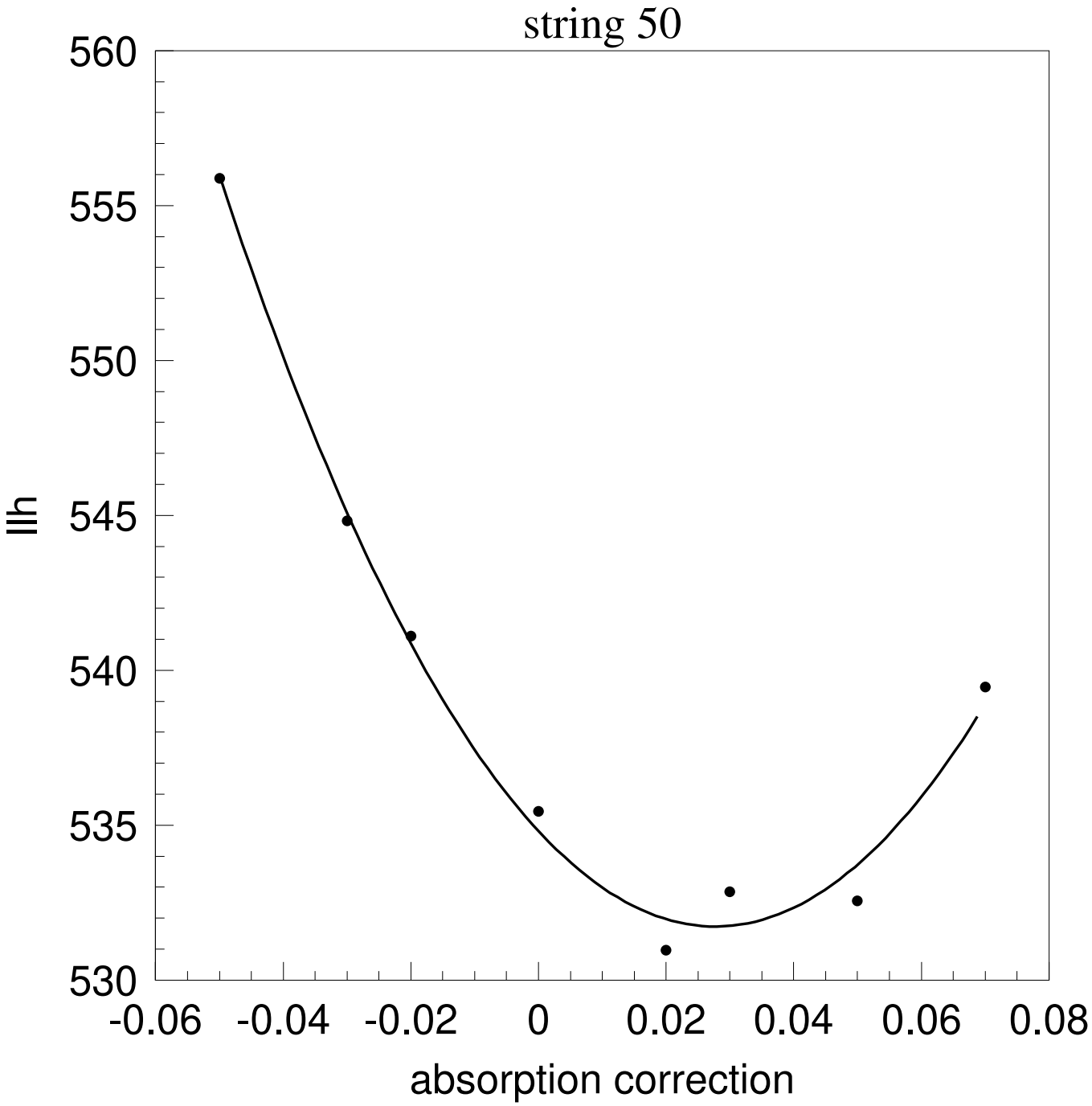

string 45
474
472
470
468
466
464
462
460
458
456
454
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

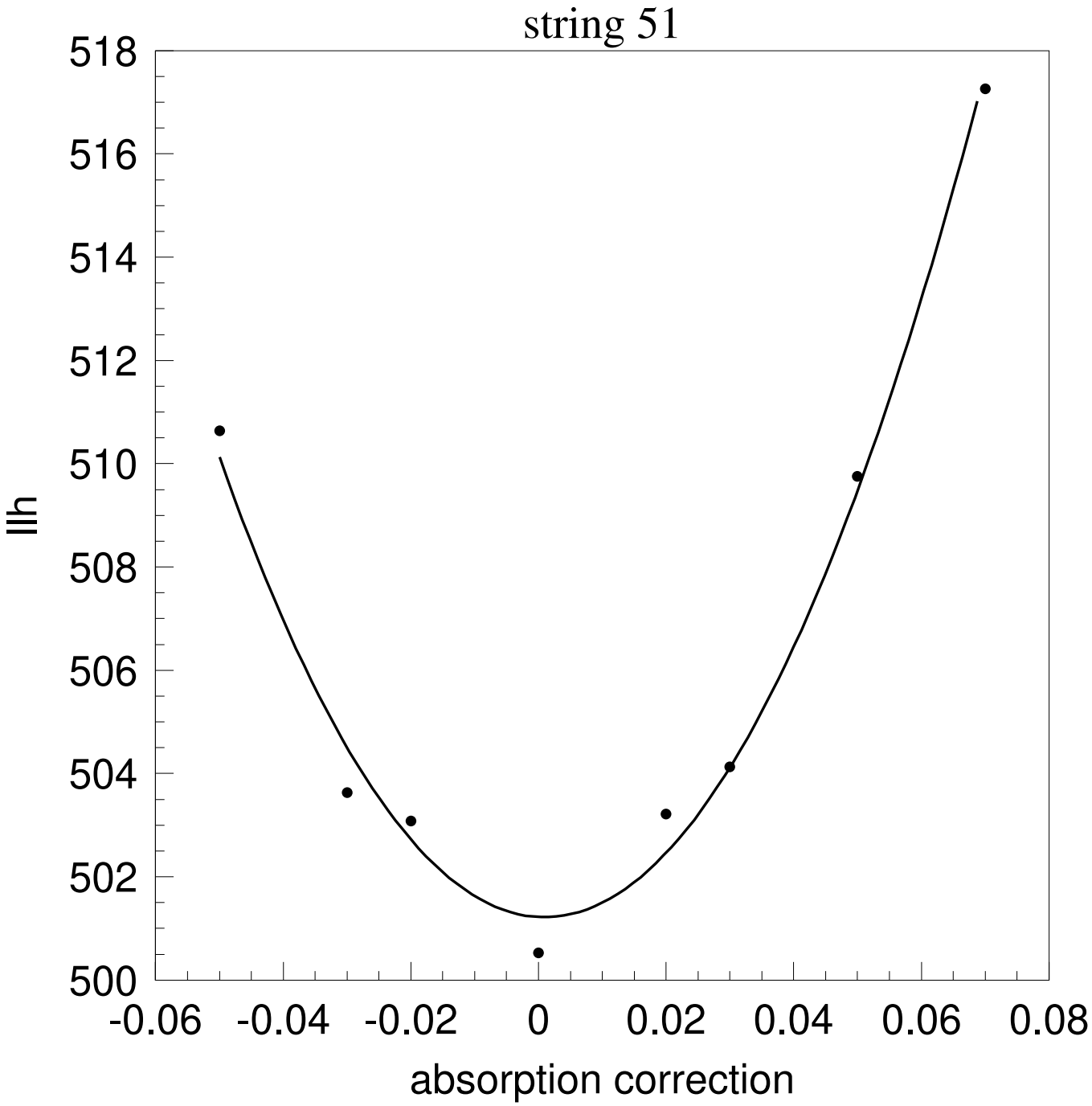

string 46
488
486
484
482
480
478
476
474
472
470
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

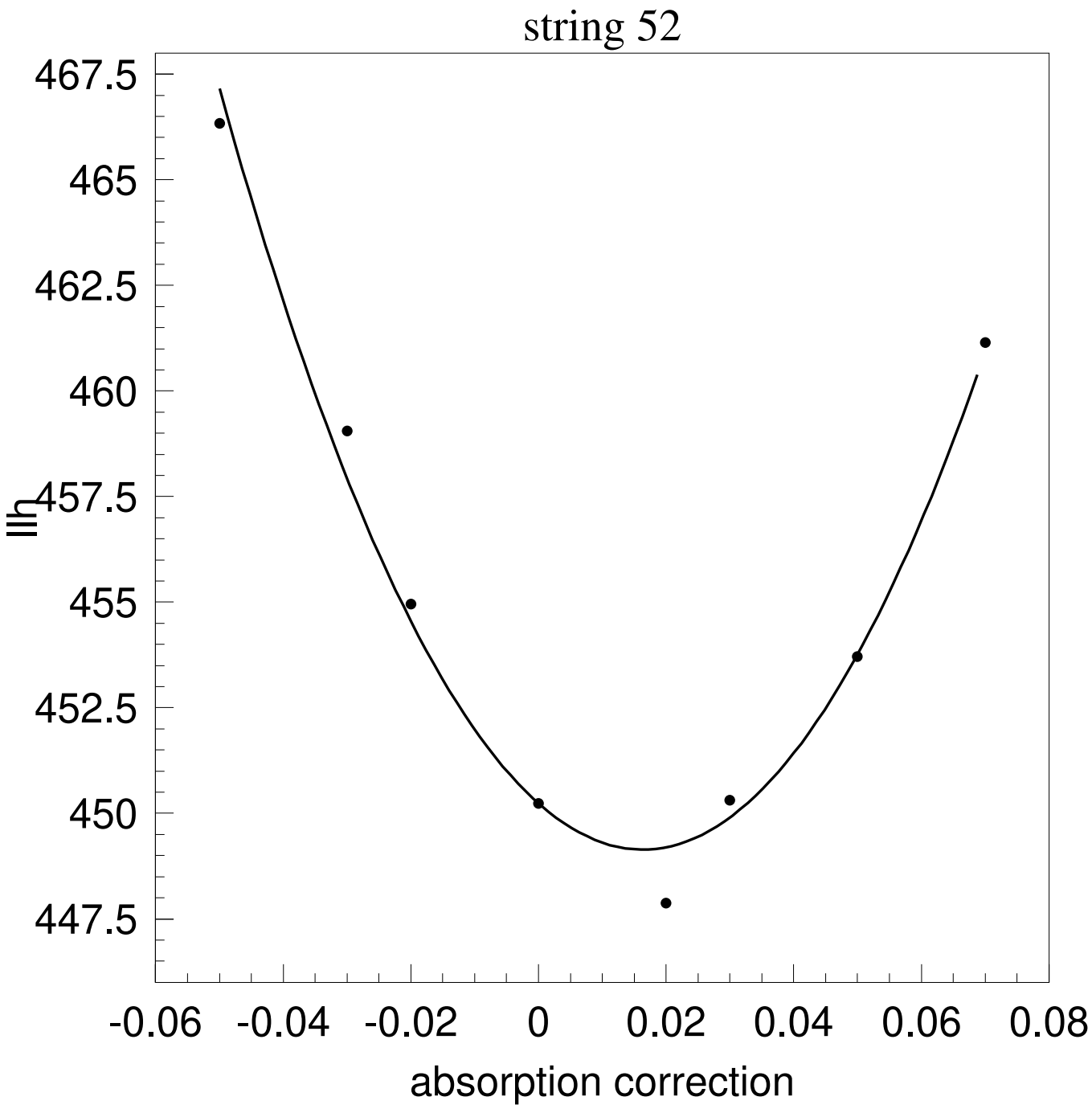

string 47
452
450
448
446
444
442
440
438
436
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

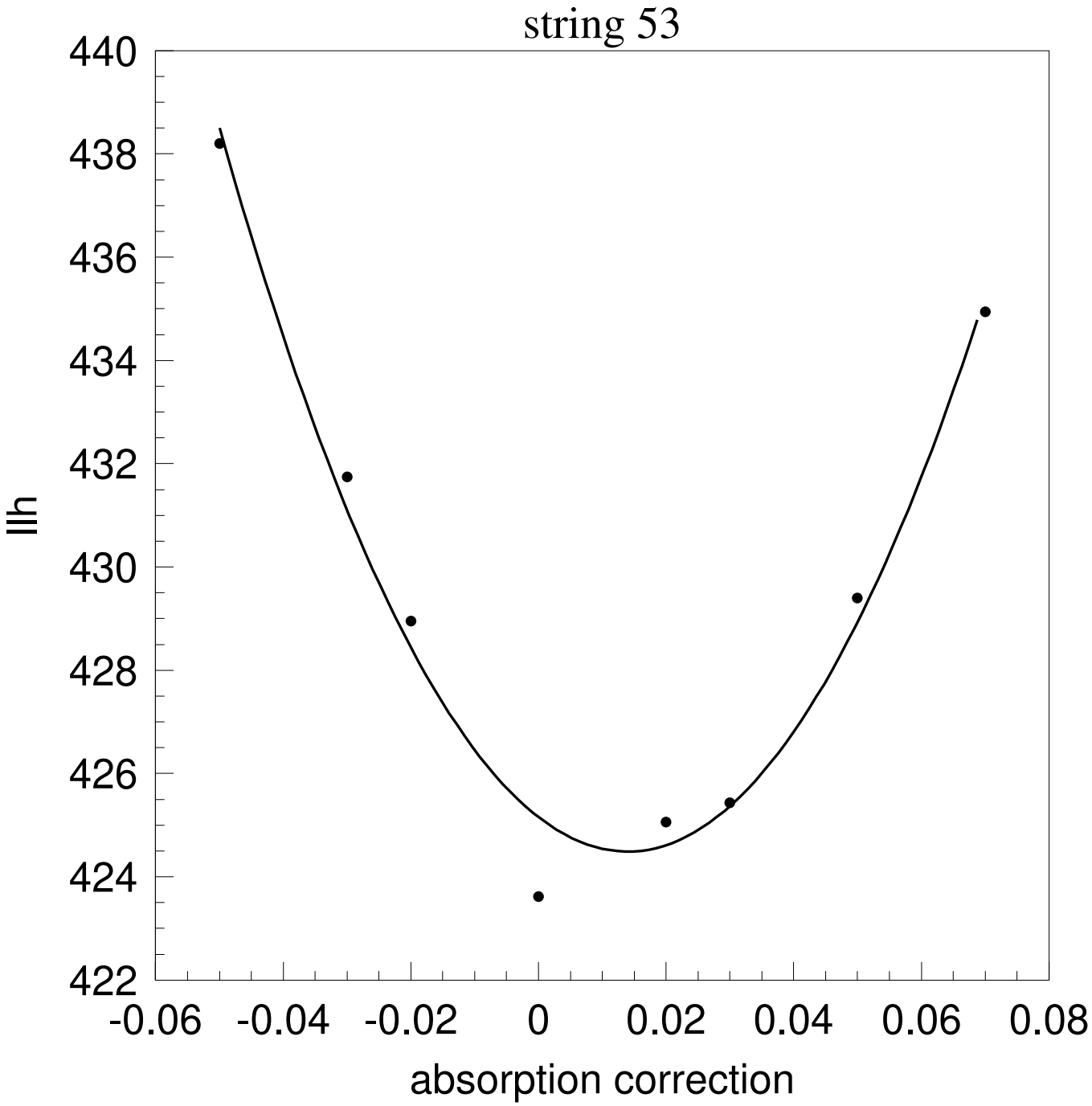

string 48
492
490
488
486
484
482
480
478
476
474
472
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

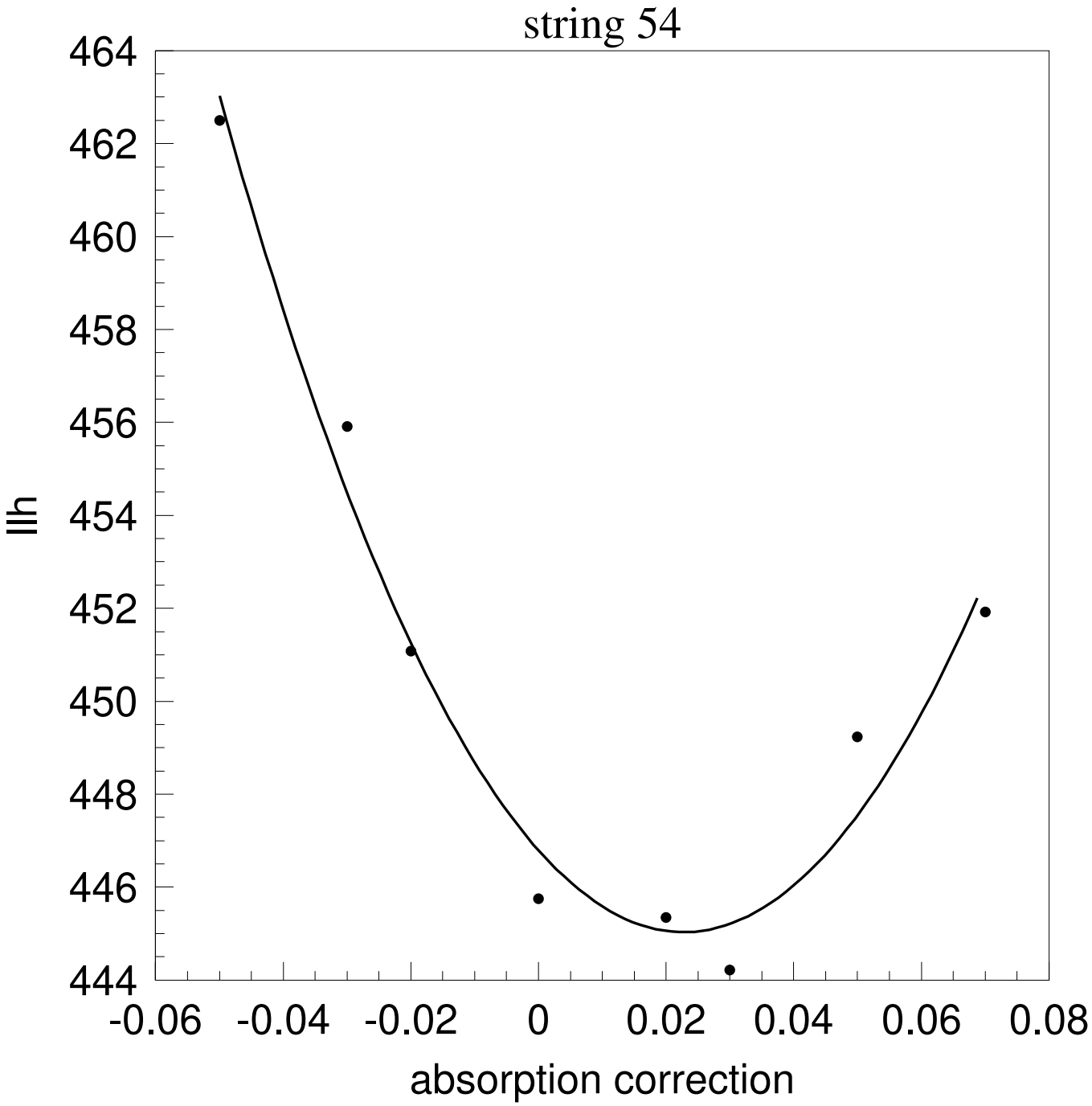

string 49
530
525
520
515
510
505
500
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

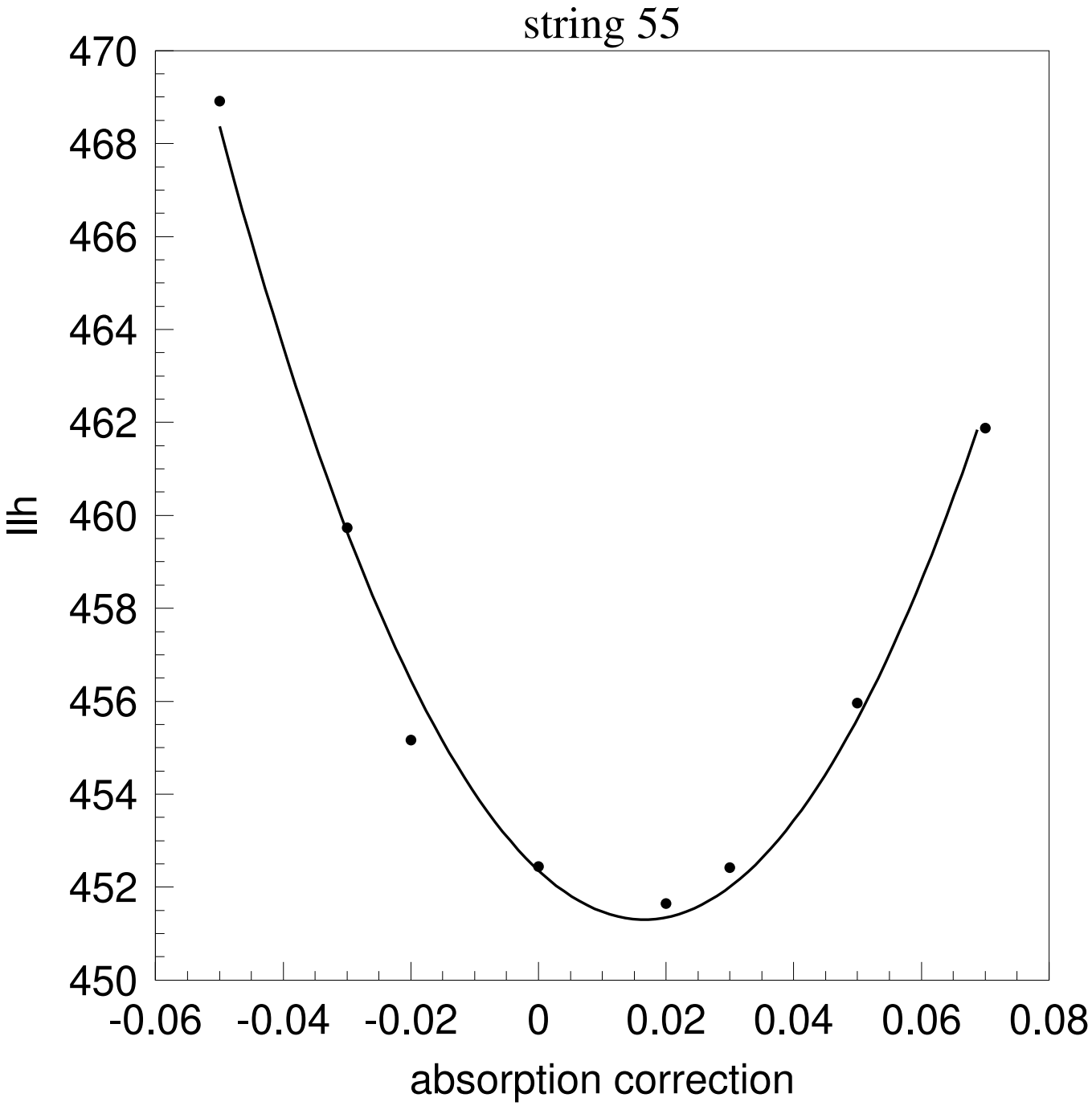

string 50
560
555
550
545
540
535
530
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

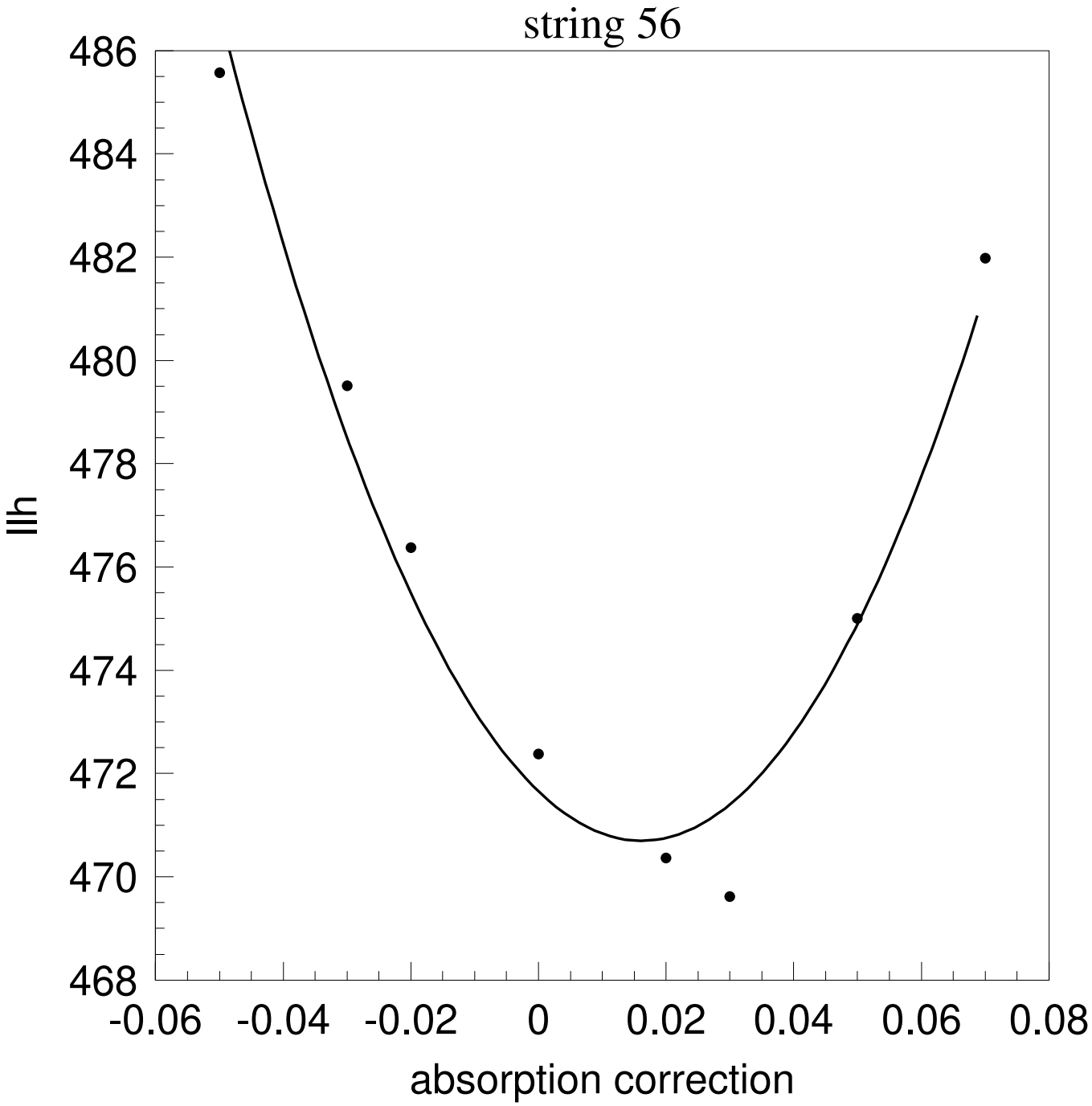

string 51
518
516
514
512
510
508
506
504
502
500
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

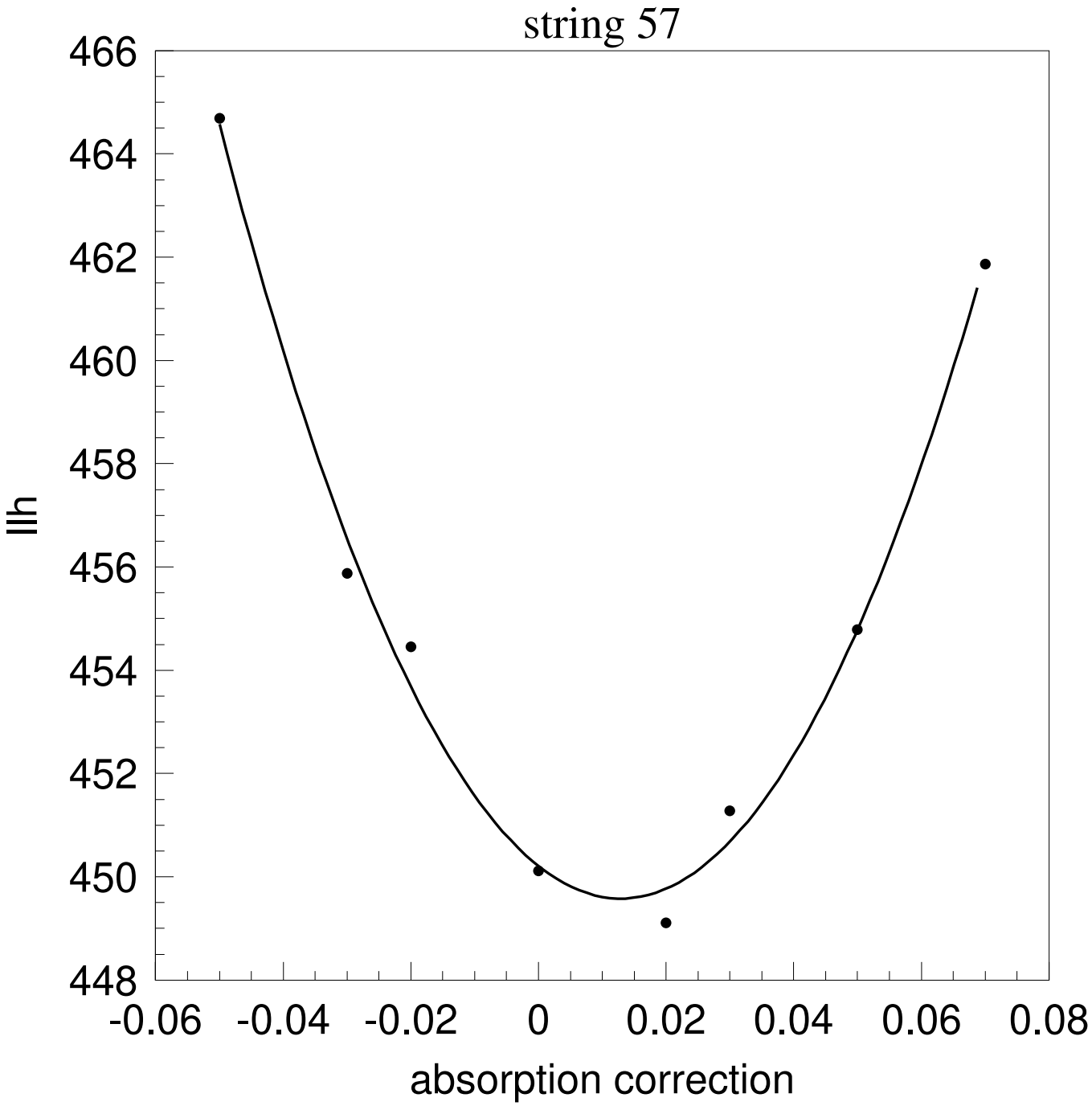

string 52
467.5
465
462.5
460
457.5
455
452.5
450
447.5
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

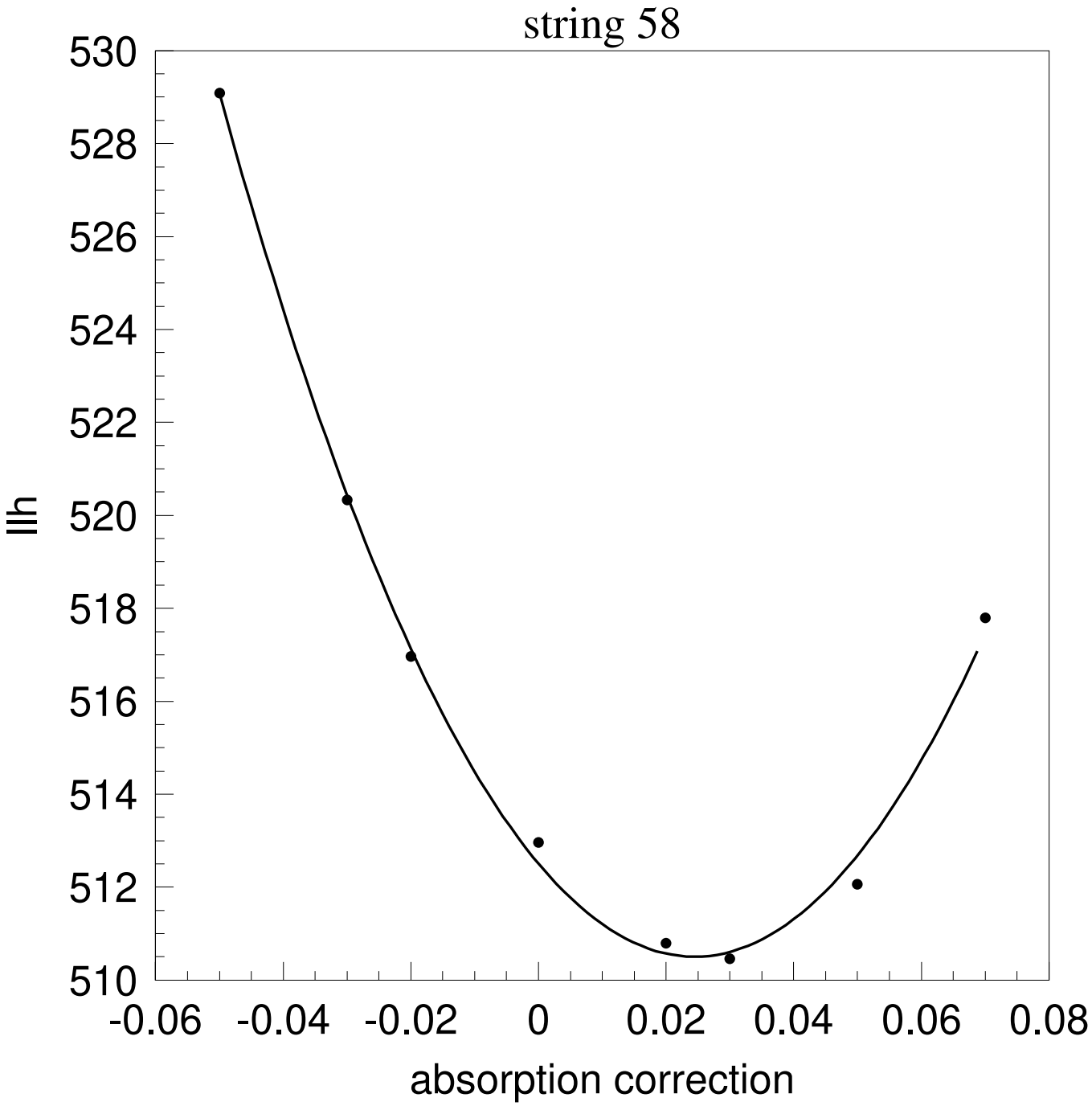

string 53
440
438
436
434
432
430
428
426
424
422
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

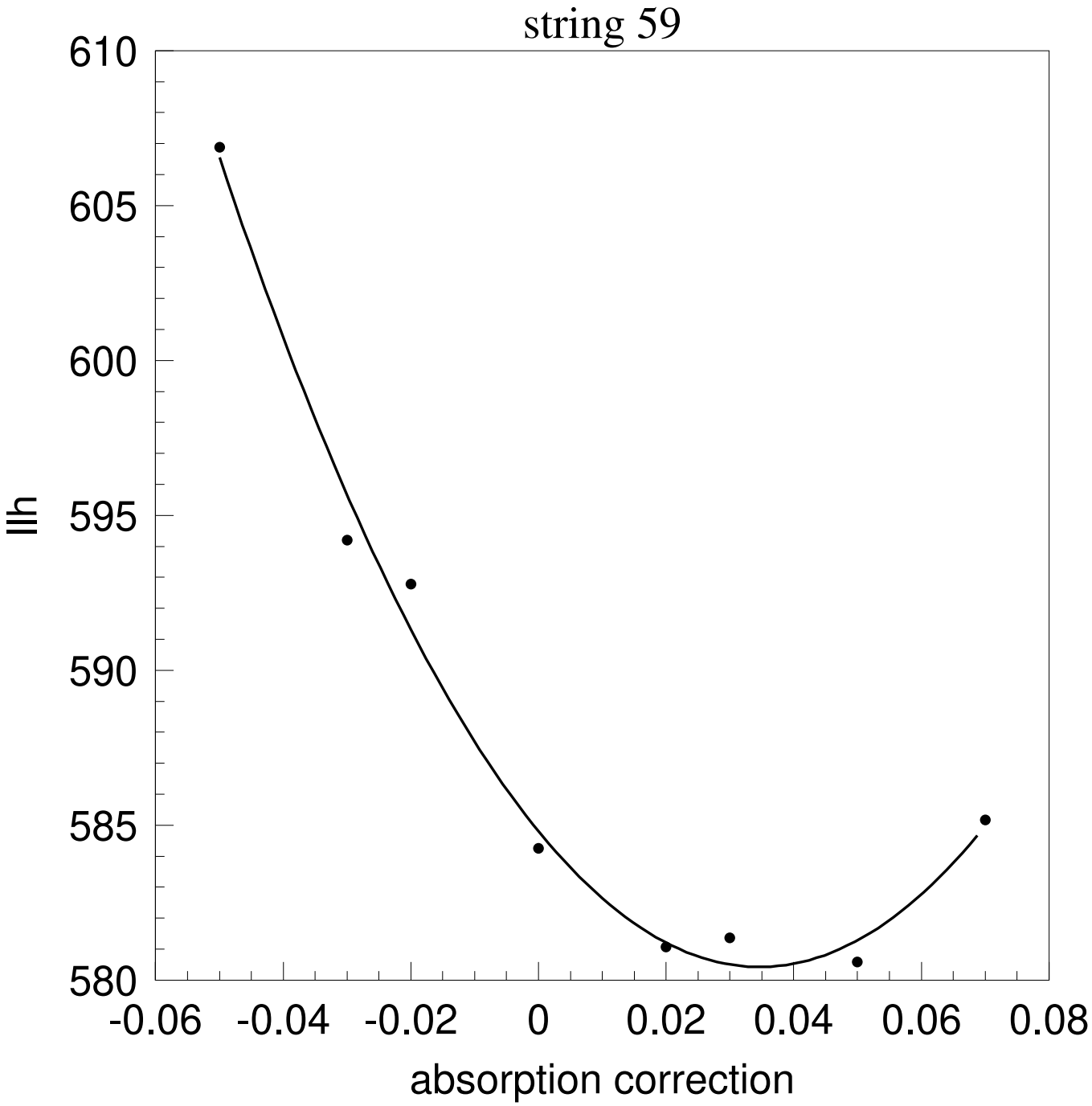

string 54
464
462
460
458
456
454
452
450
448
446
444
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

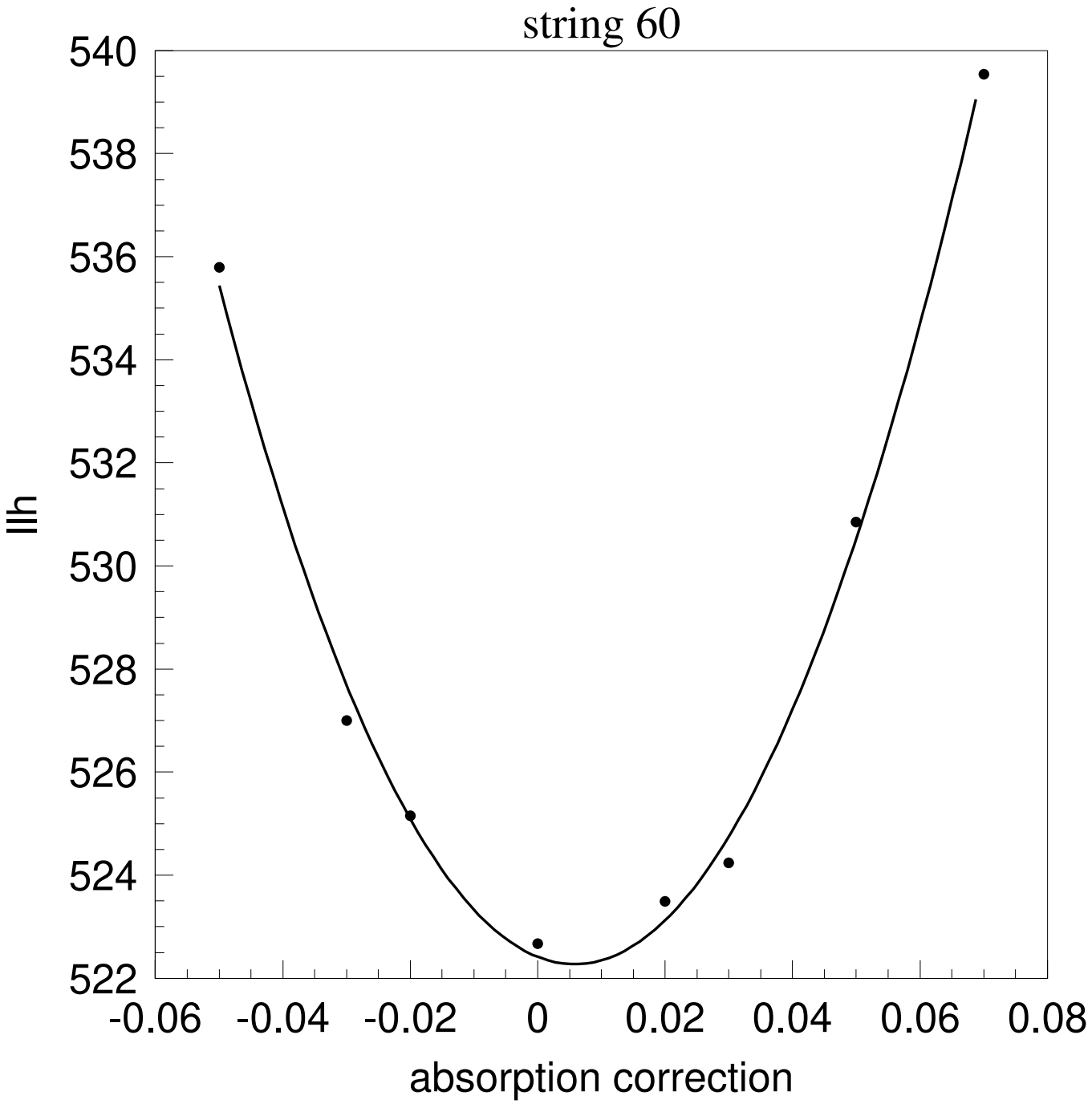

string 55
470
468
466
464
462
460
458
456
454
452
450
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

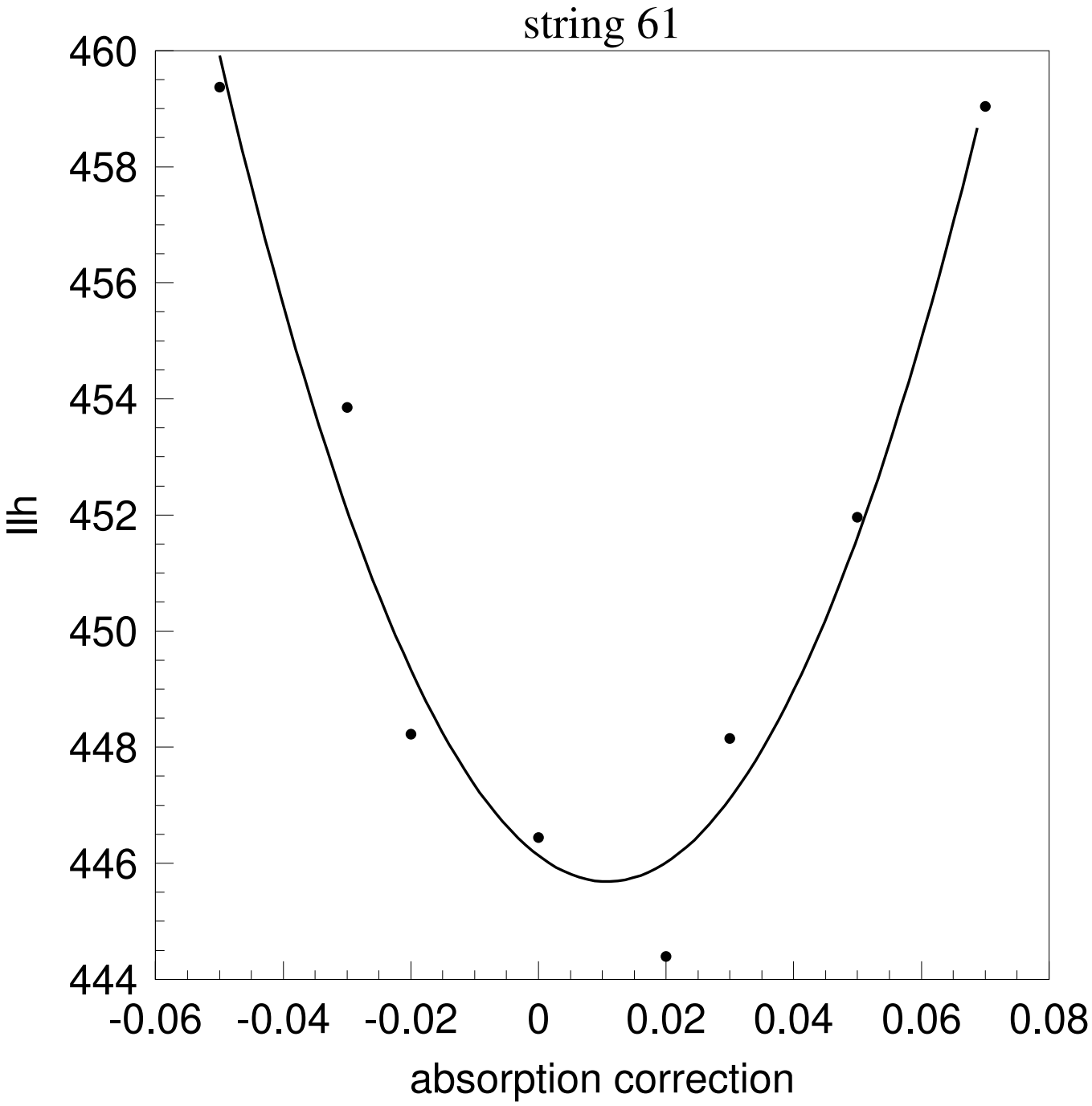

string 56
486
484
482
480
478
476
474
472
470
468
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

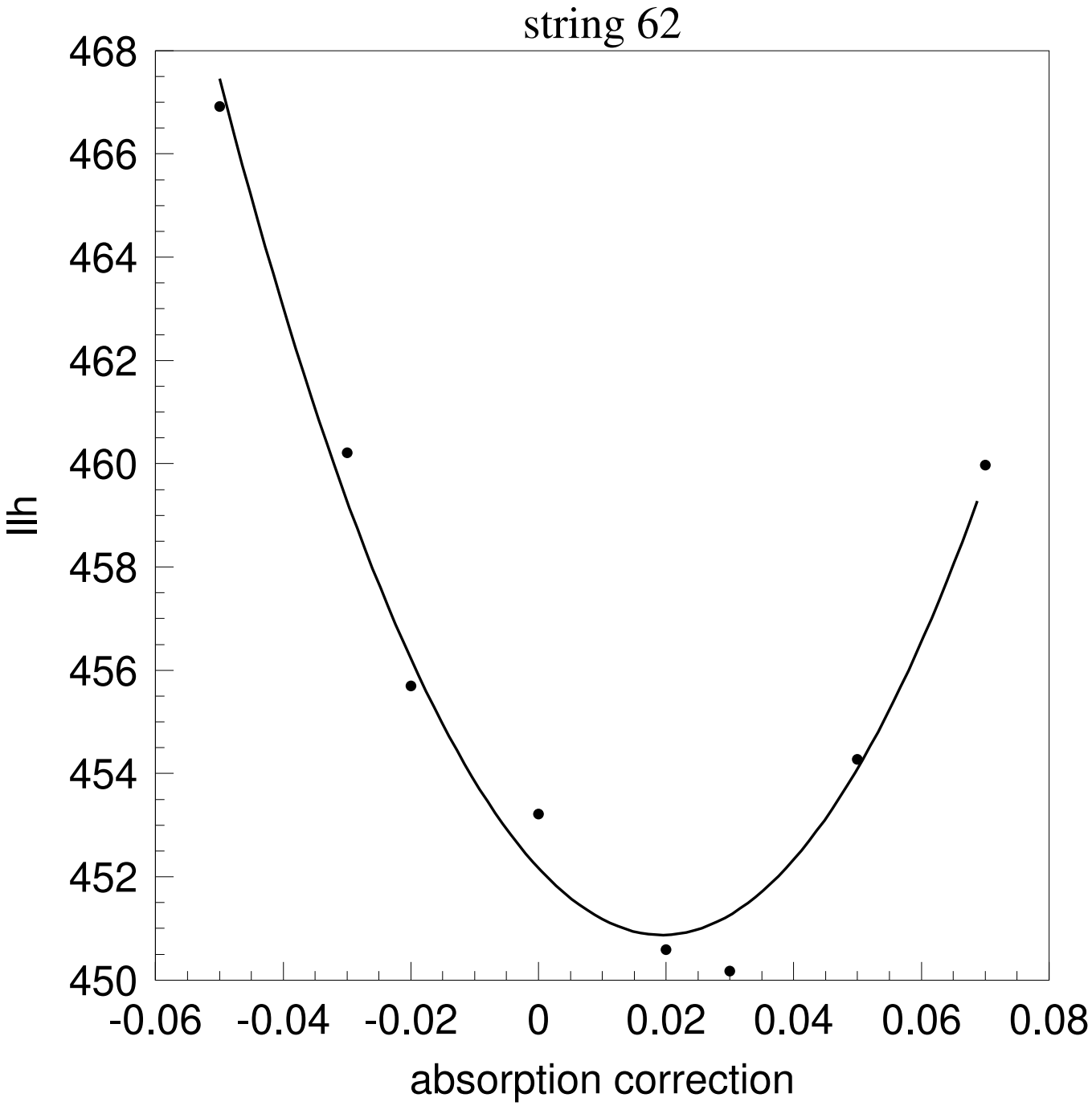

string 57
466
464
462
460
458
456
454
452
450
448
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

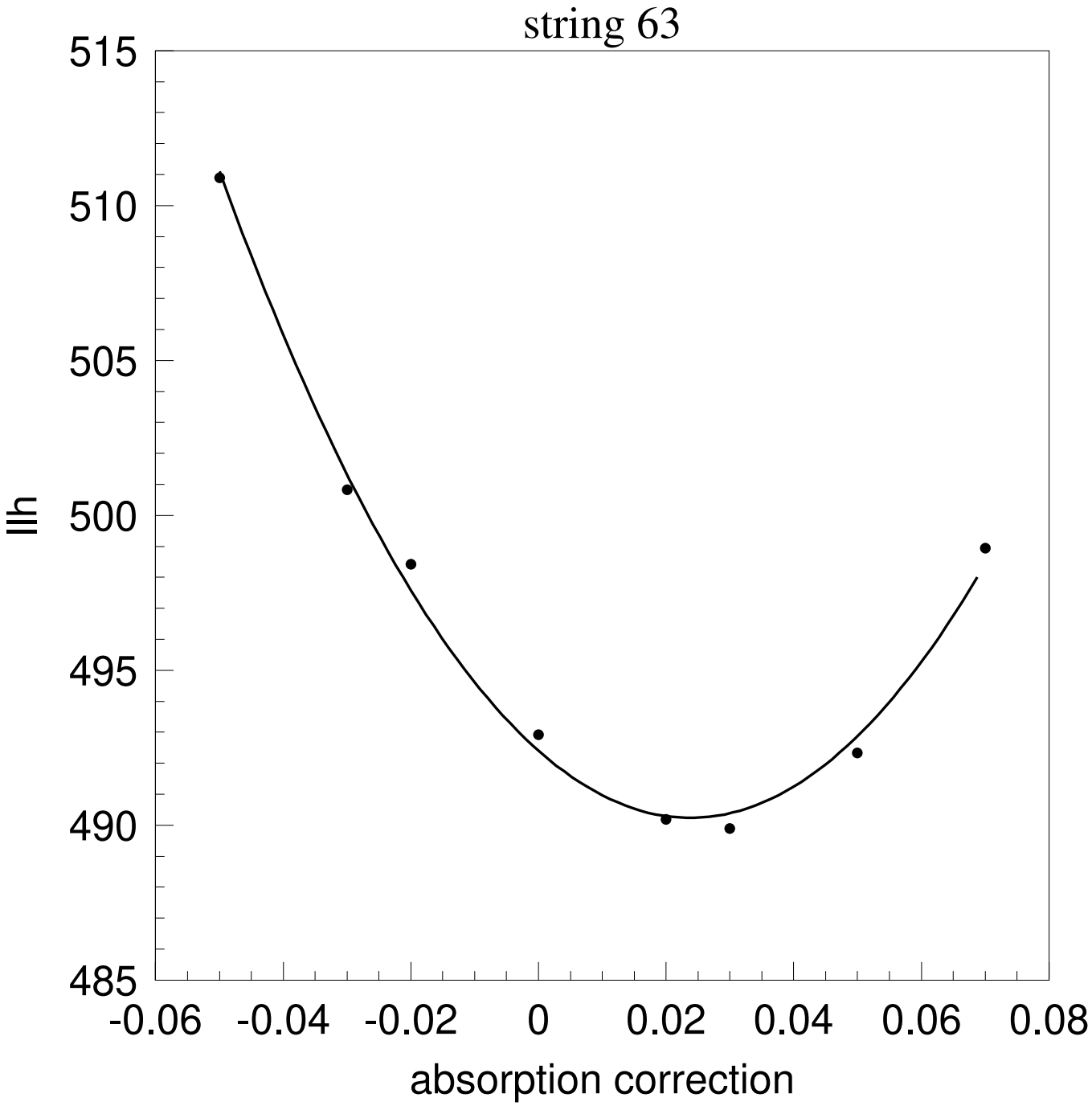

string 58
530
528
526
524
522
520
518
516
514
512
510
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

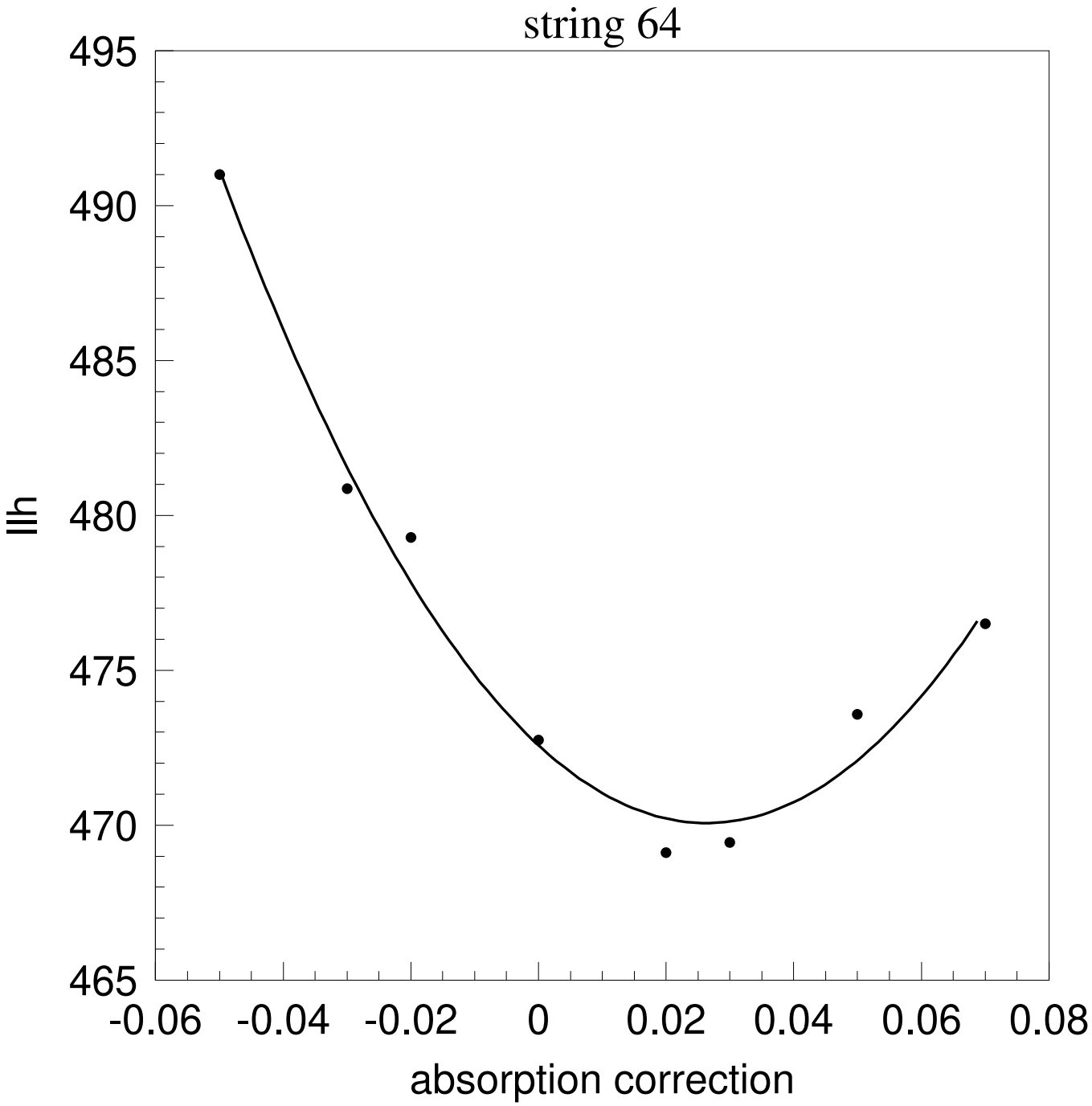

string 59
610
605
600
595
590
585
580
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

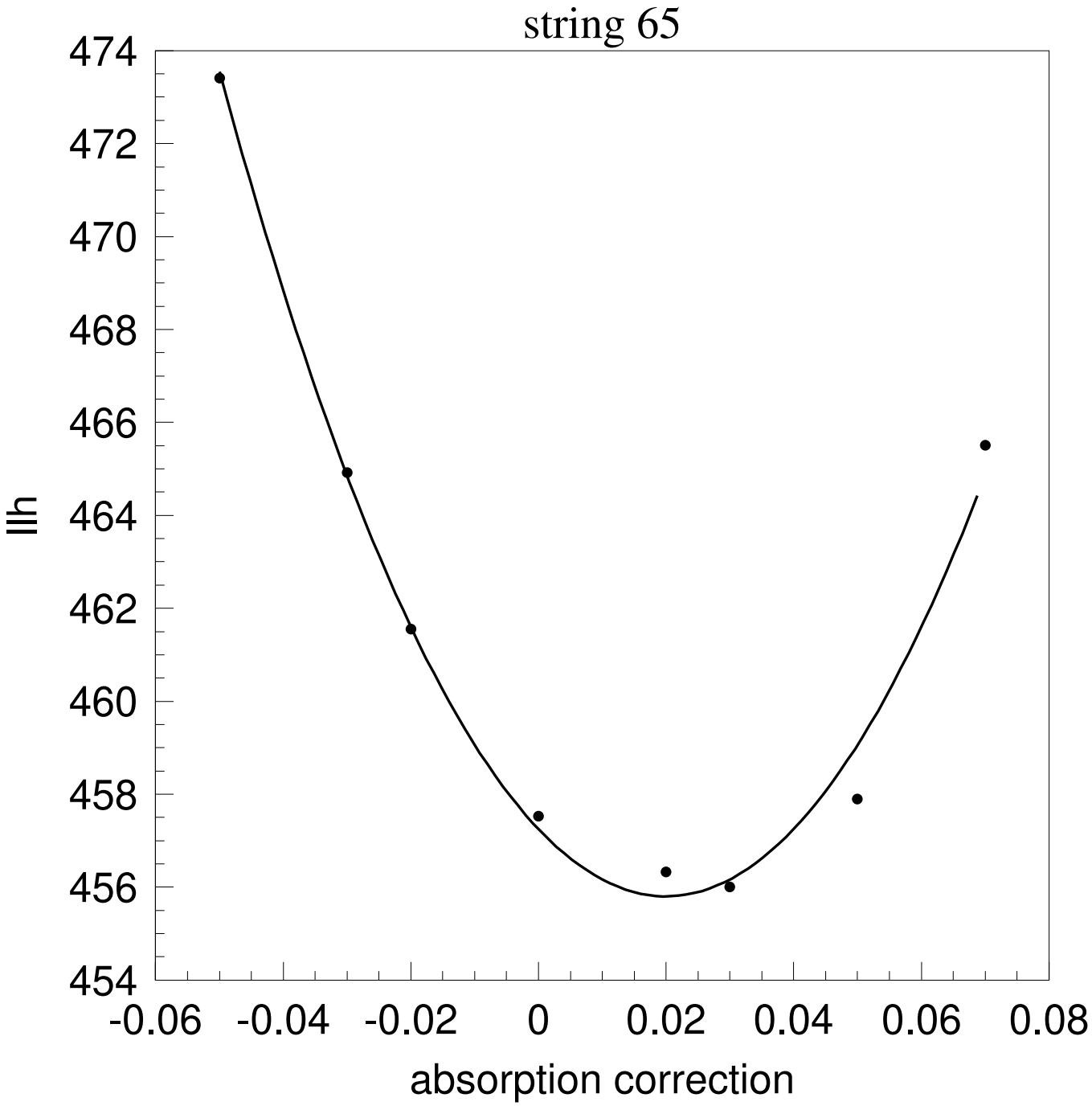

string 60
540
538
536
534
532
530
528
526
524
522
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

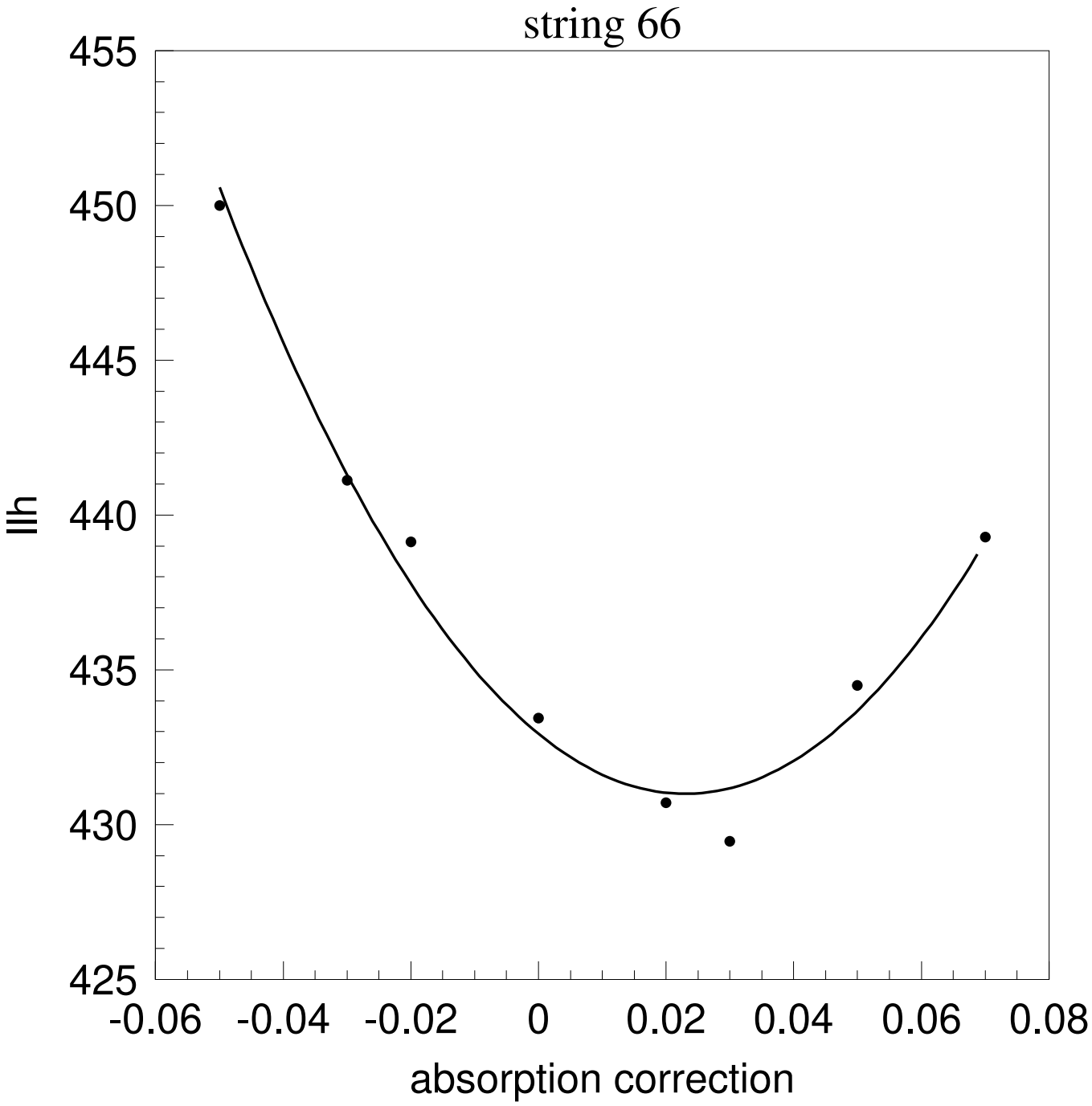

string 61
460
458
456
454
452
450
448
446
444
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

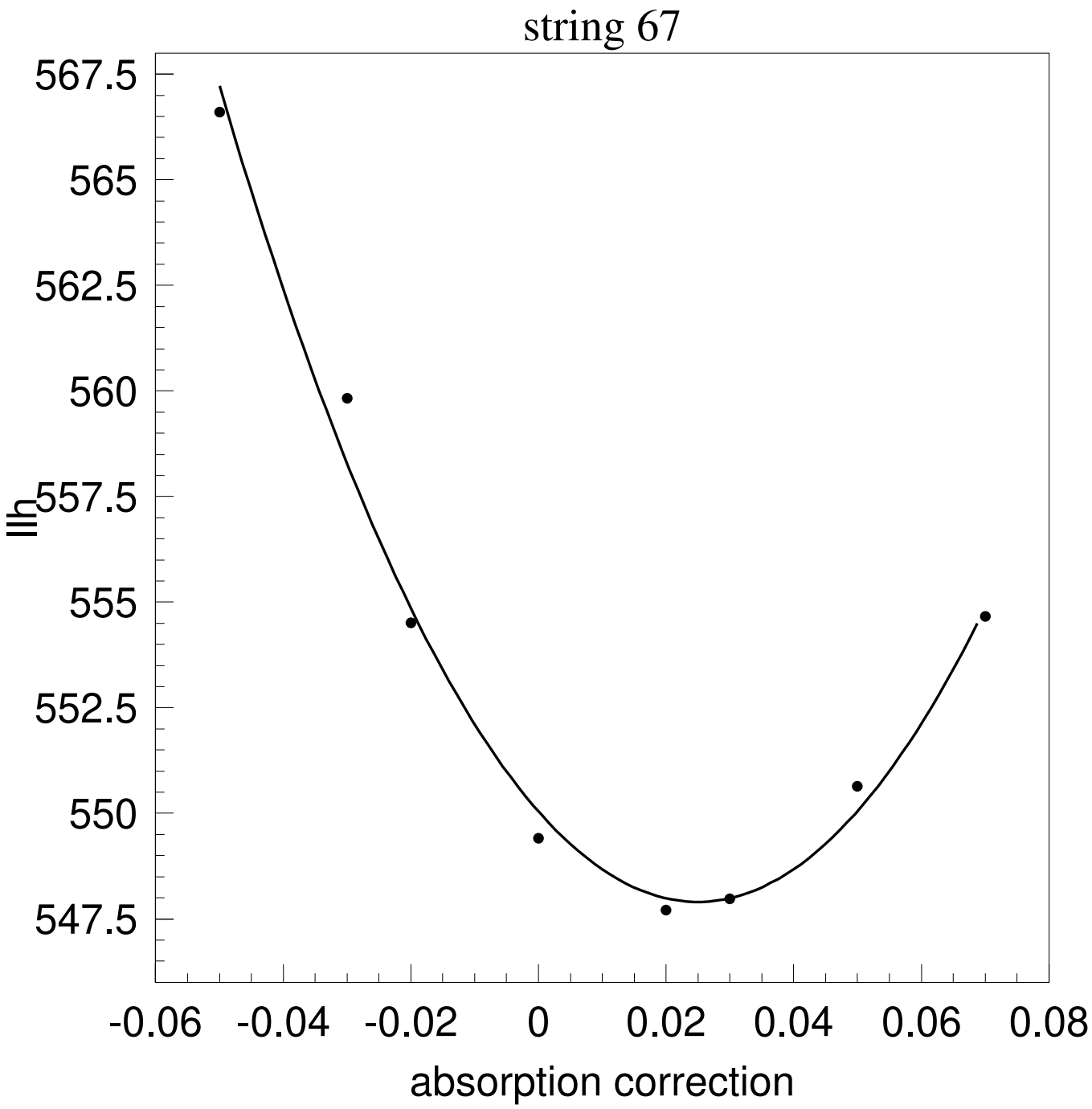

string 62
468
466
464
462
460
458
456
454
452
450
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

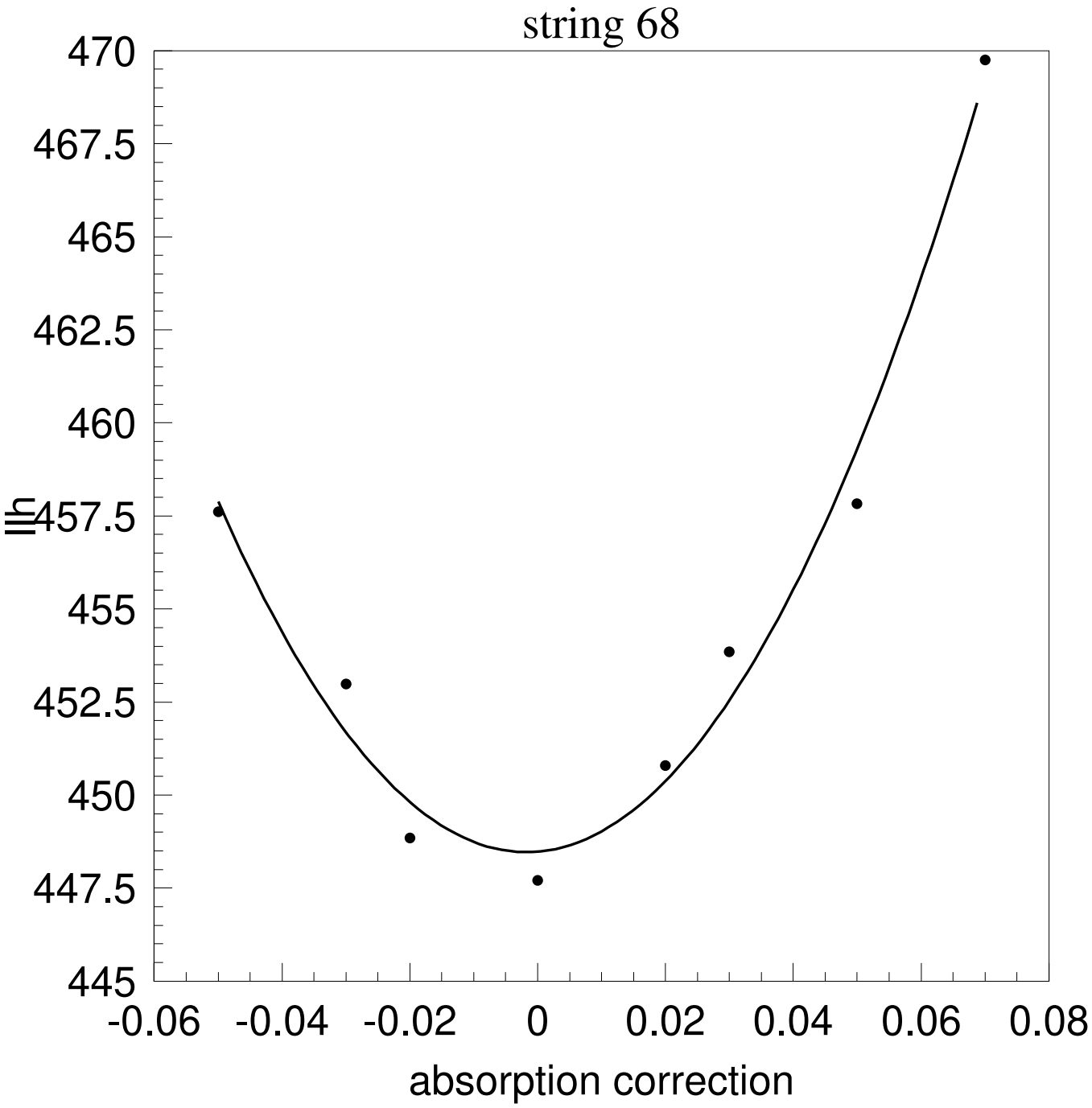

string 63
515
510
505
500
495
490
485
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

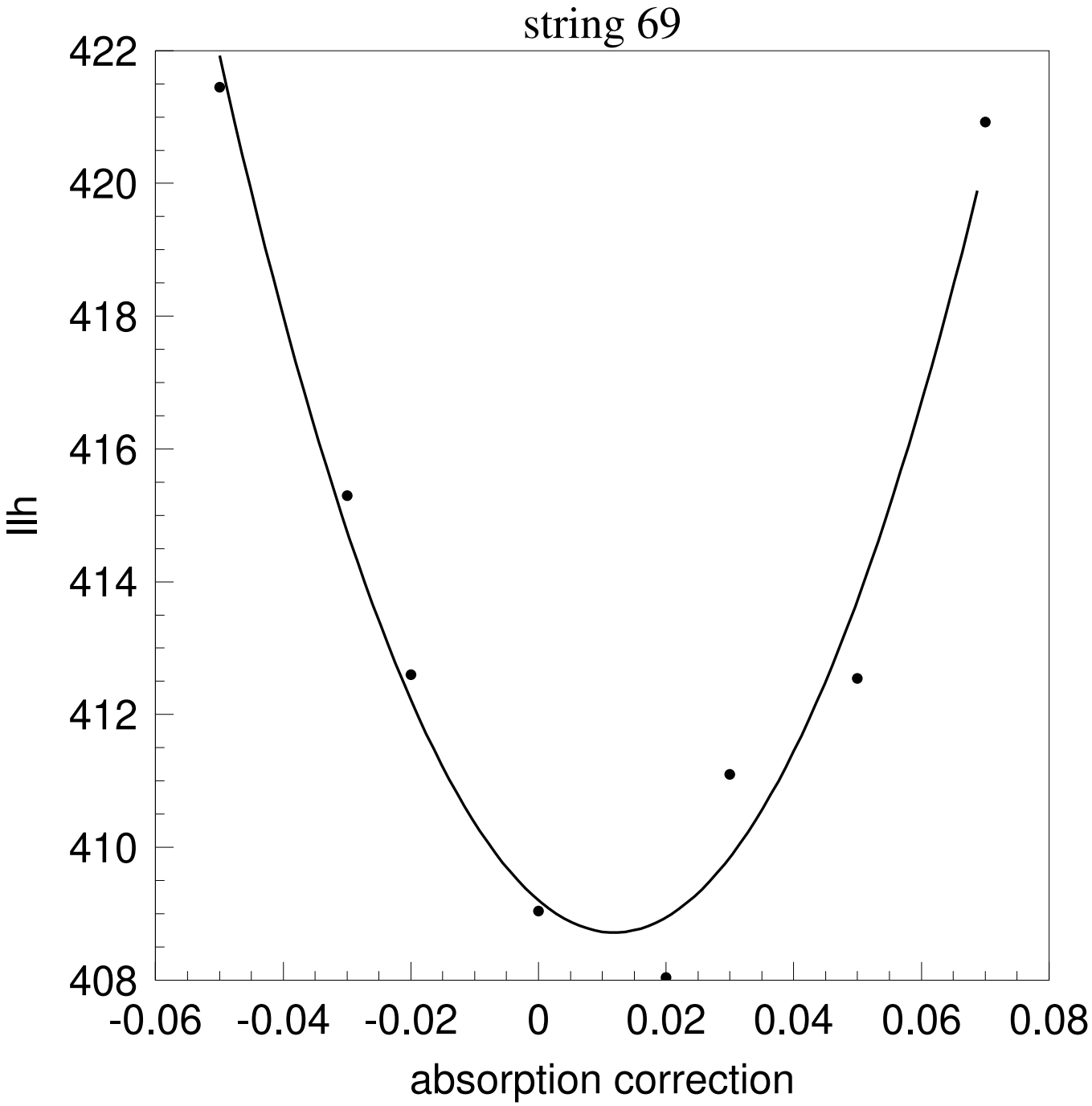

string 64
495
490
485
480
475
470
465
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

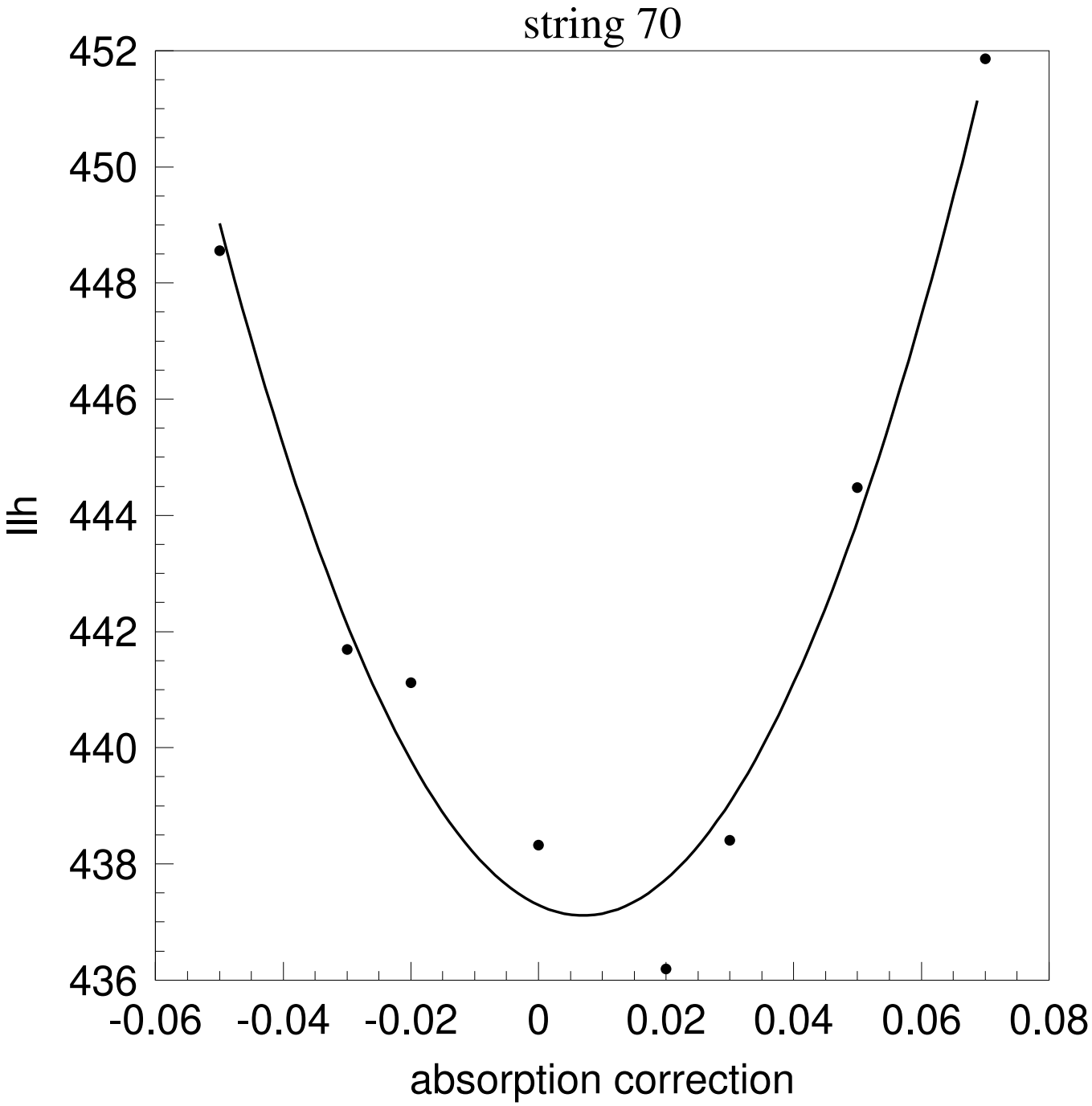

string 65
474
472
470
468
466
464
462
460
458
456
454
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

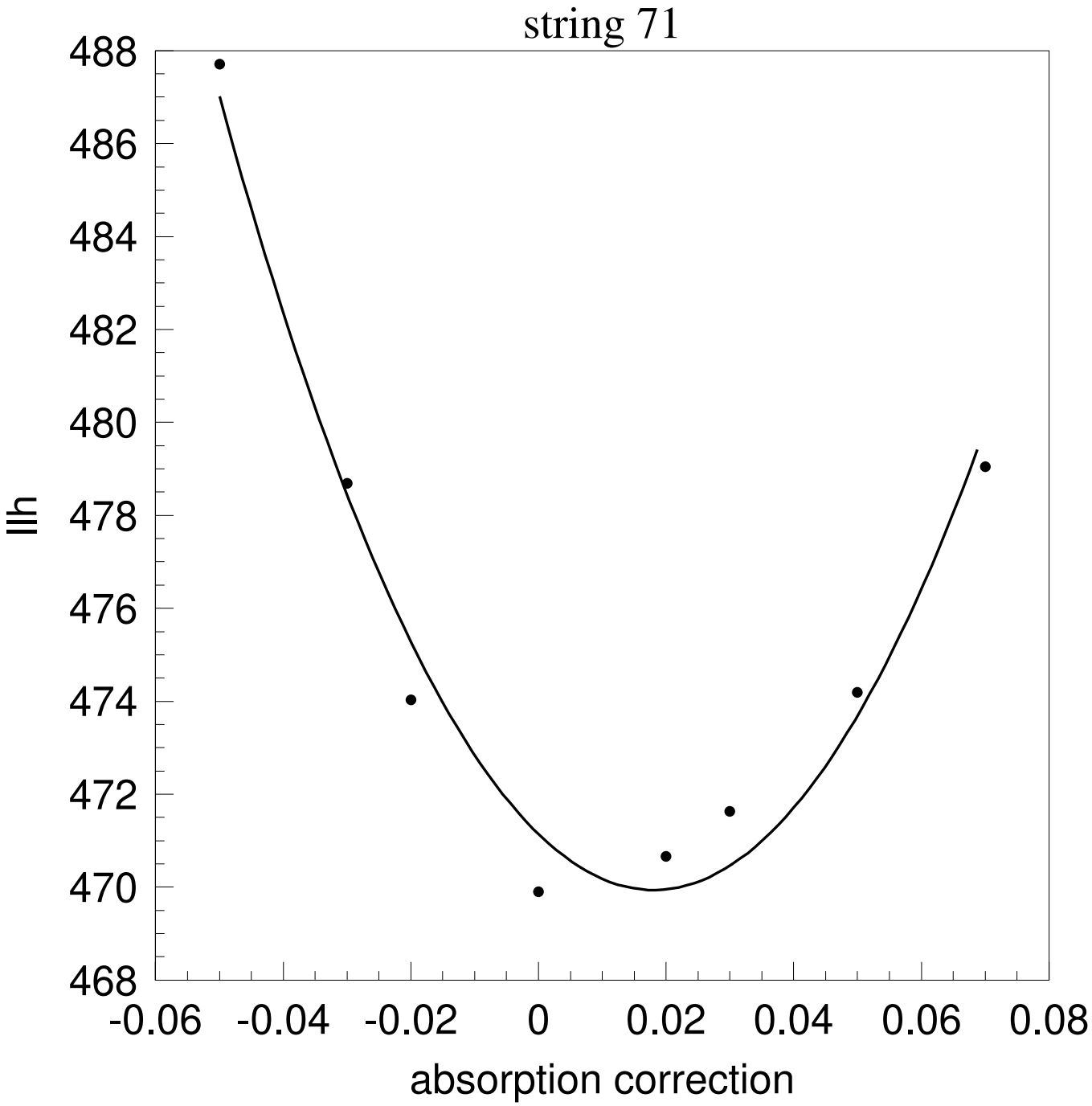

string 66
455
450
445
440
435
430
425
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

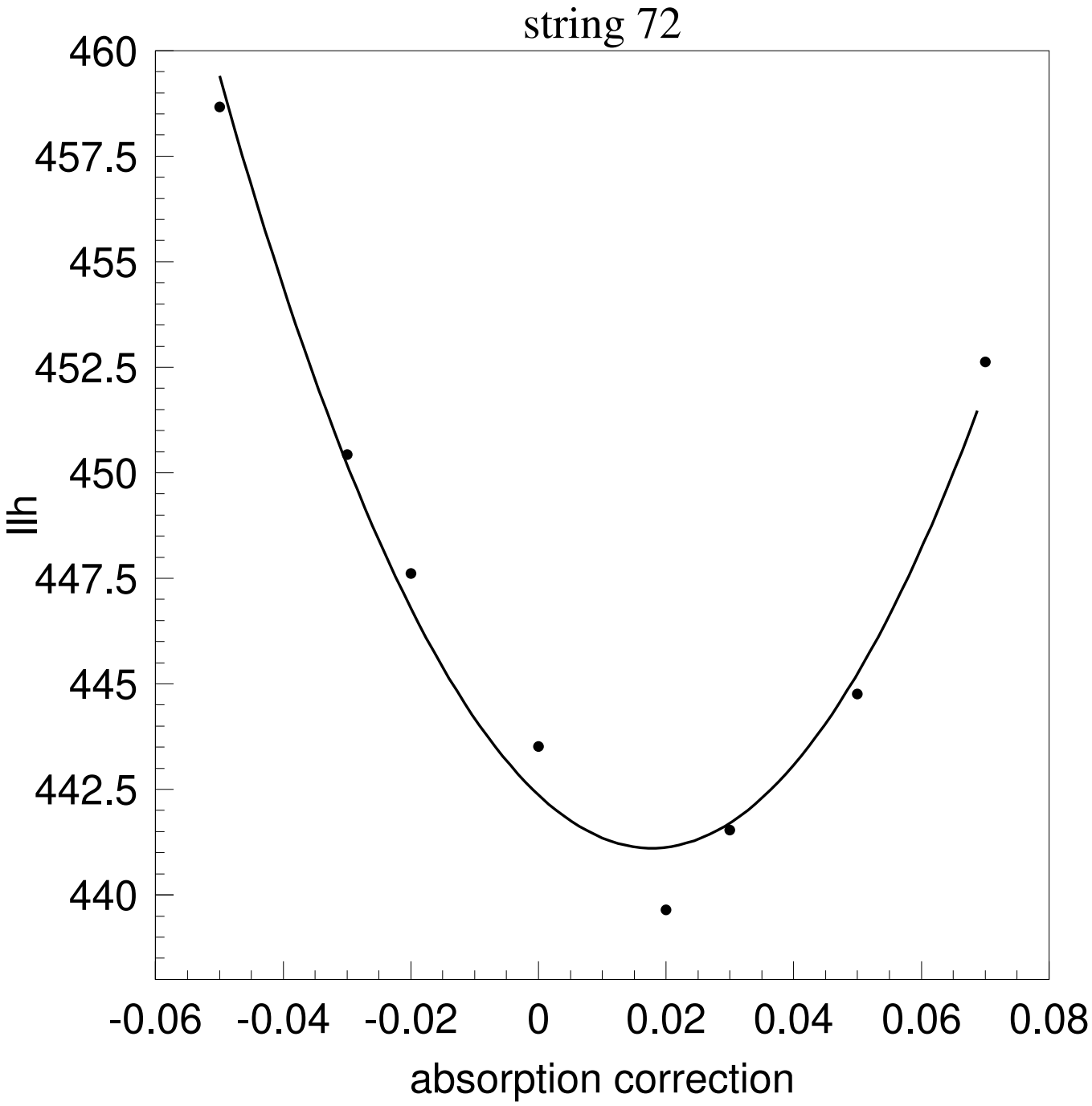

string 67
567.5
565
562.5
560
557.5
555
552.5
550
547.5
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

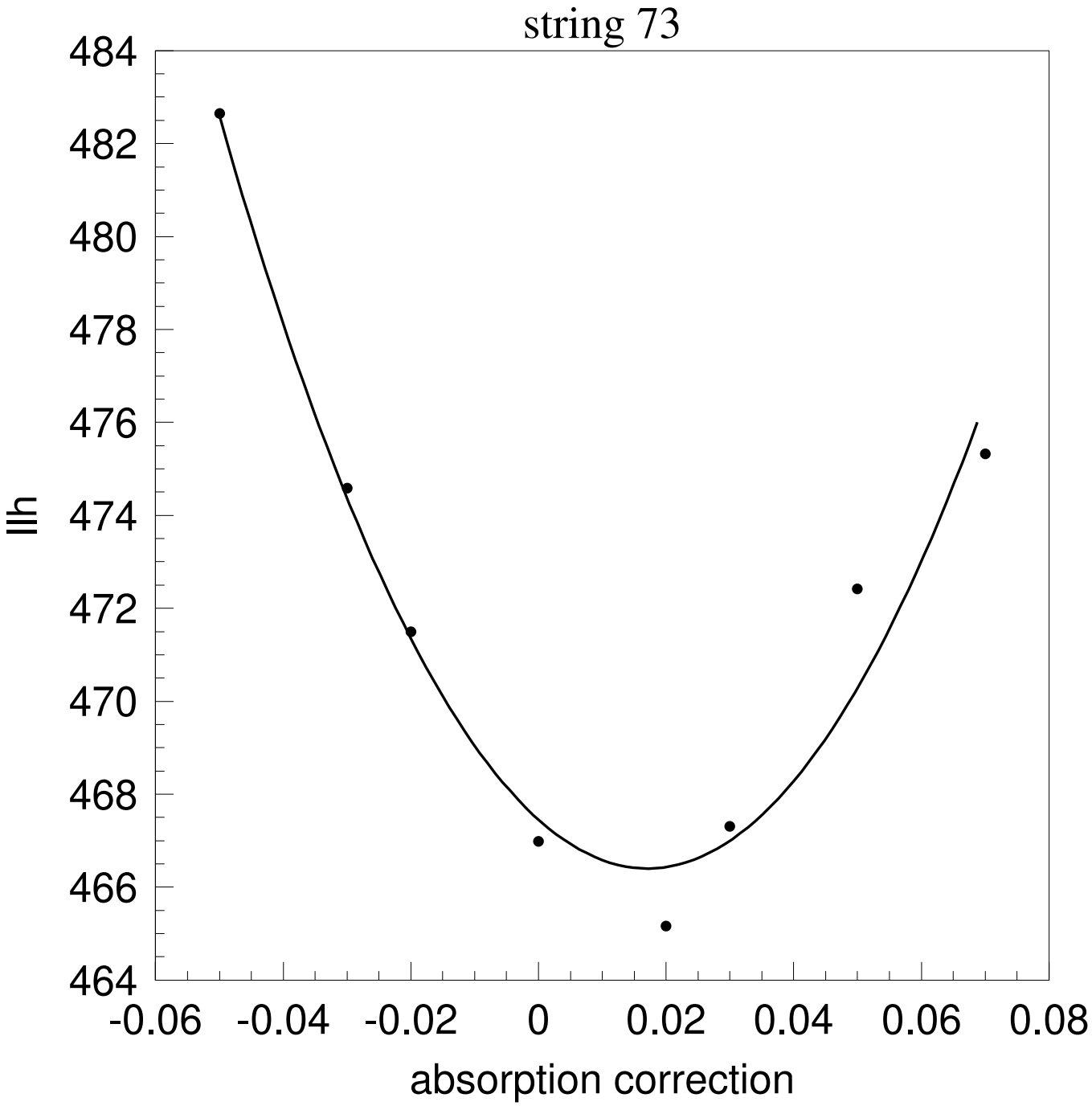

string 68
470
467.5
465
462.5
460
457.5
455
452.5
450
447.5
445
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

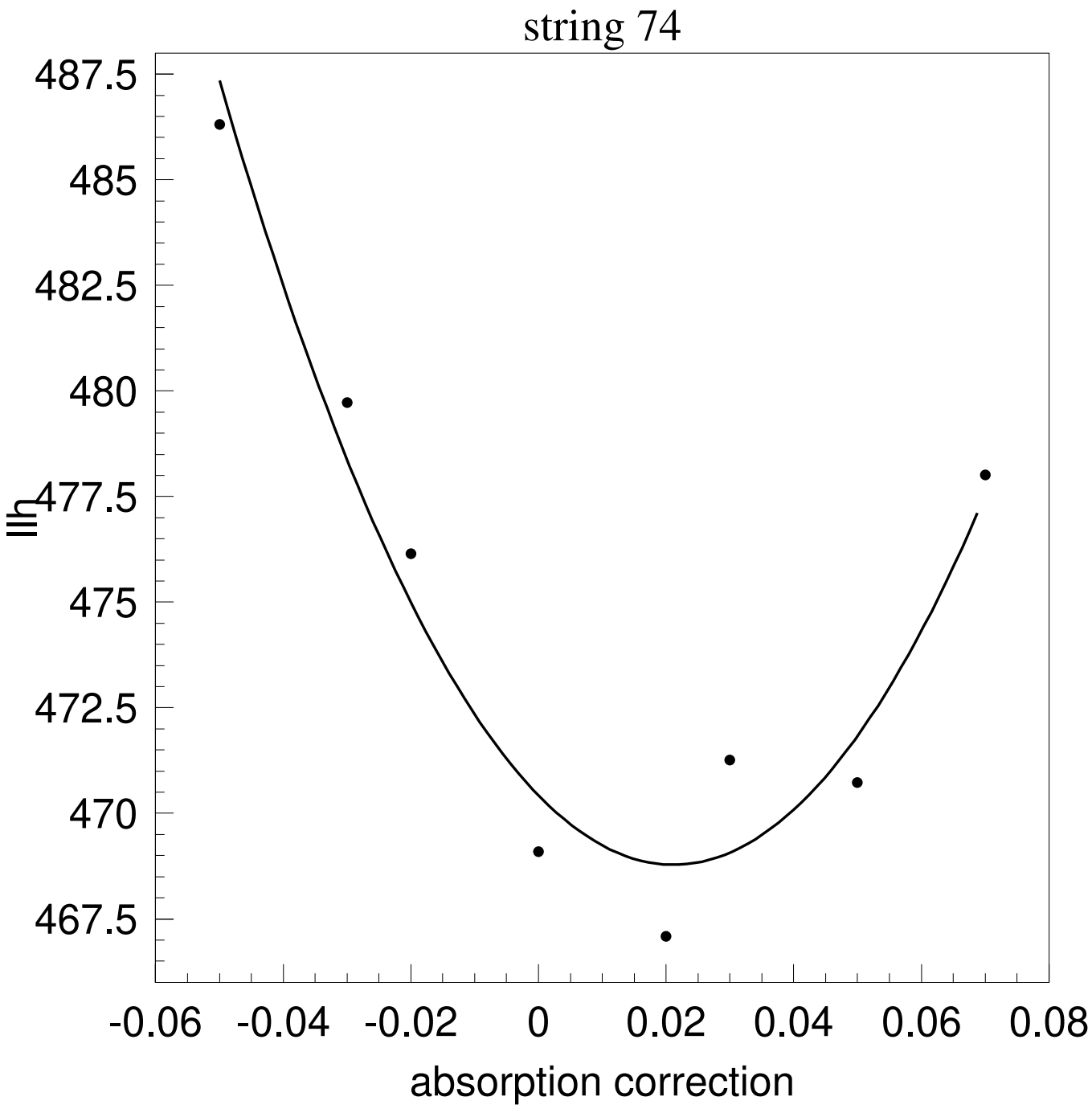

string 69
422
420
418
416
414
412
410
408
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

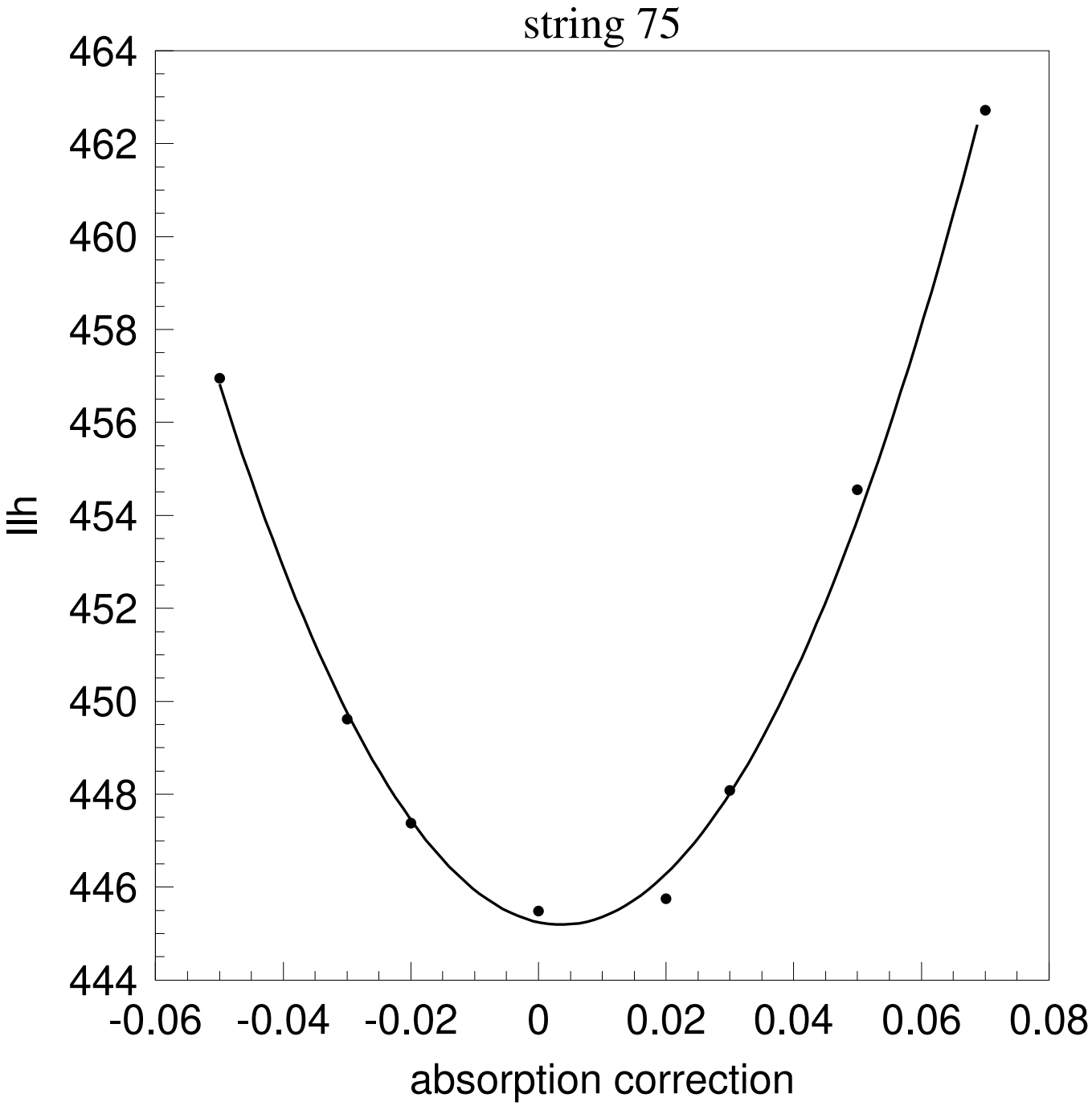

string 70
452
450
448
446
444
442
440
438
436
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

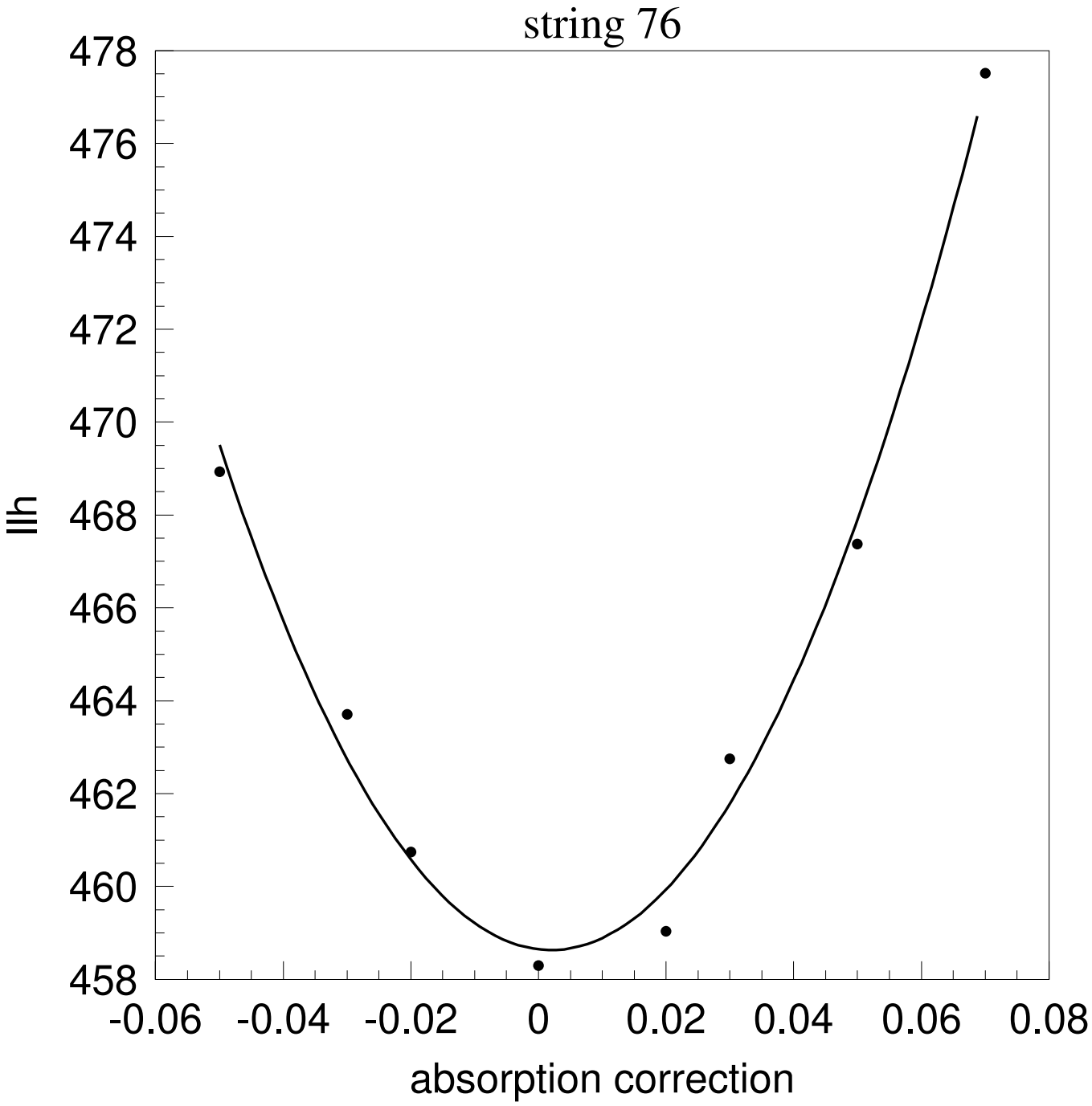

string 71
488
486
484
482
480
478
476
474
472
470
468
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

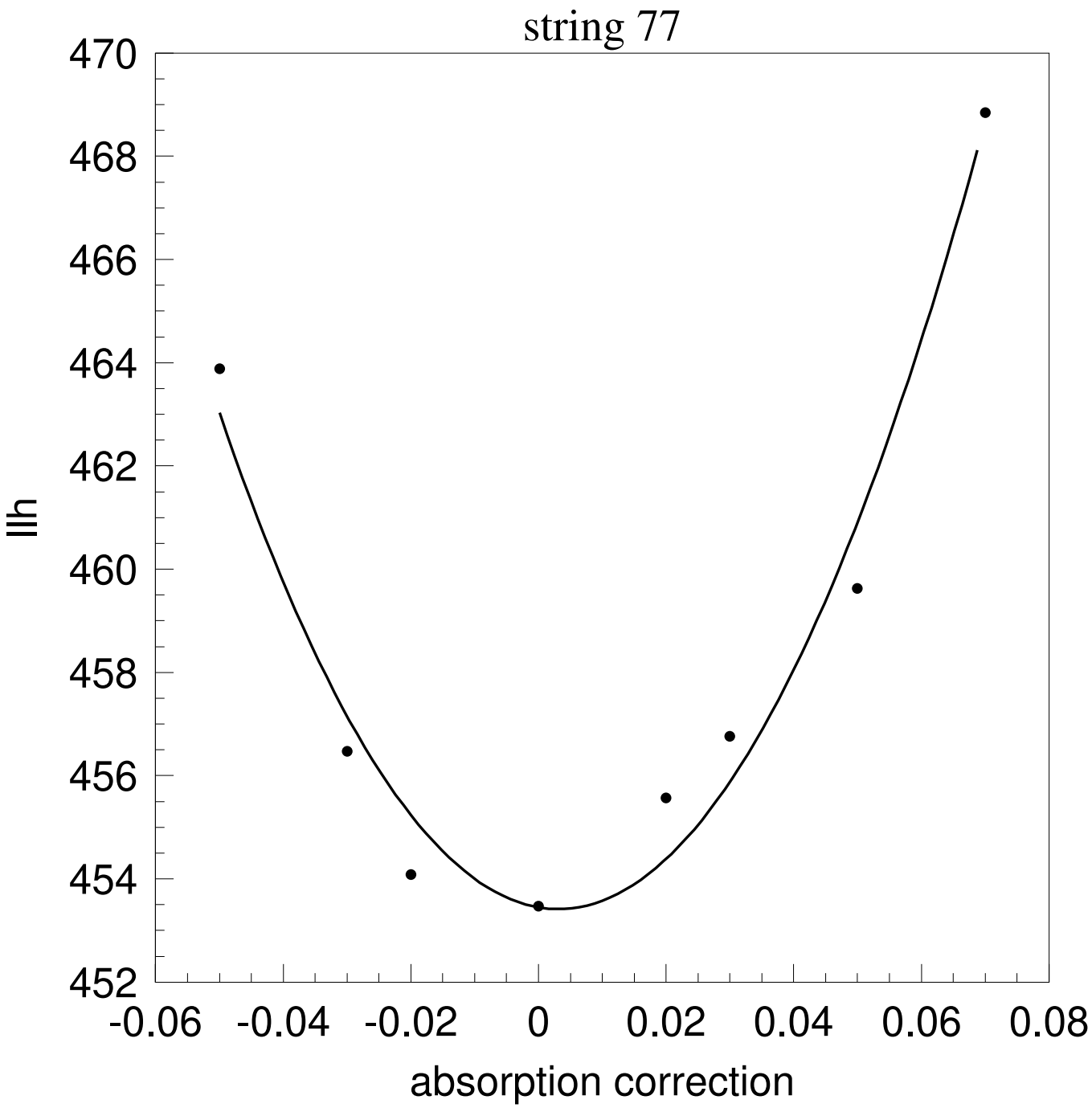

string 72
460
457.5
455
452.5
450
447.5
445
442.5
440
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

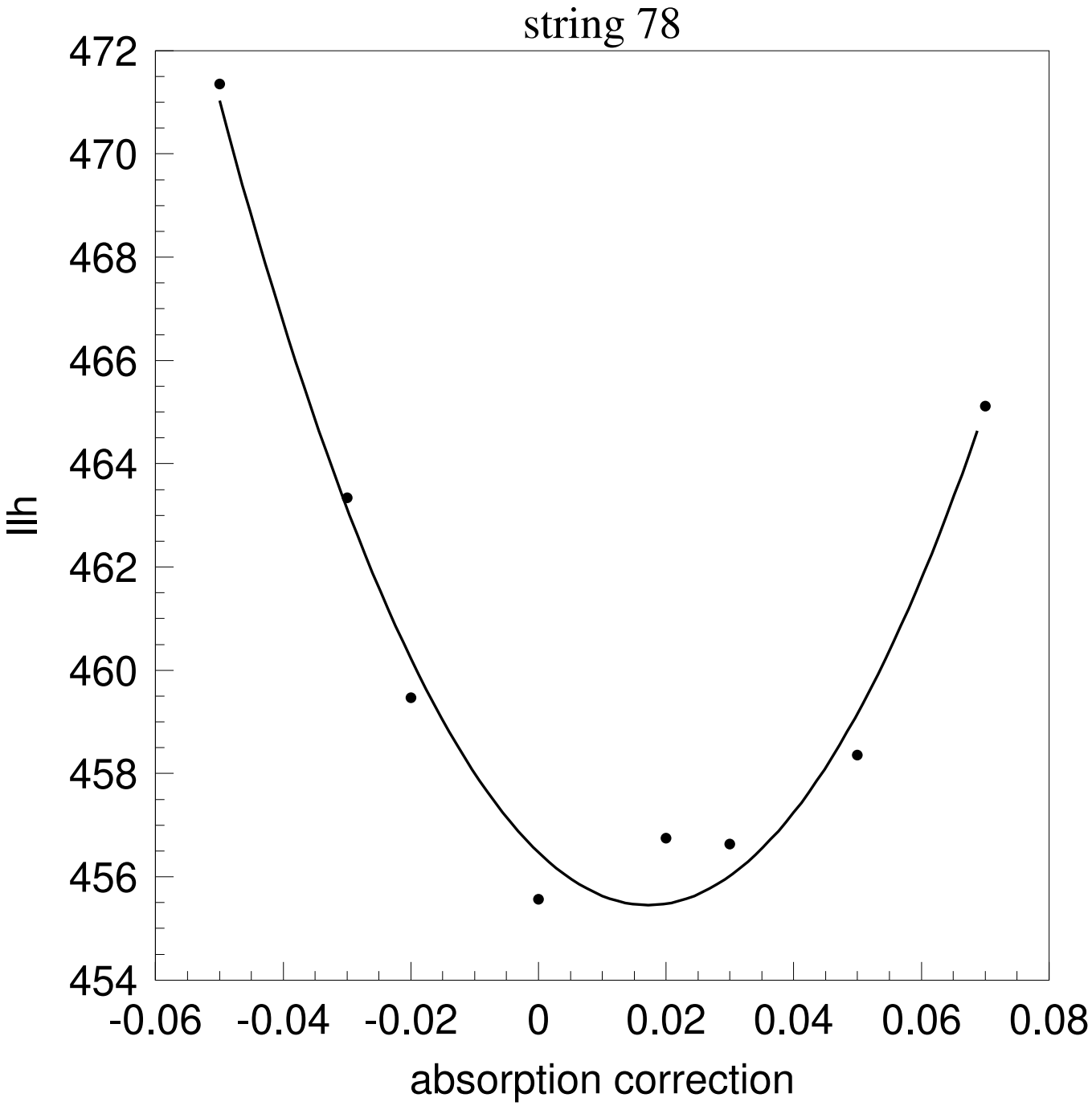

string 73
484
482
480
478
476
474
472
470
468
466
464
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

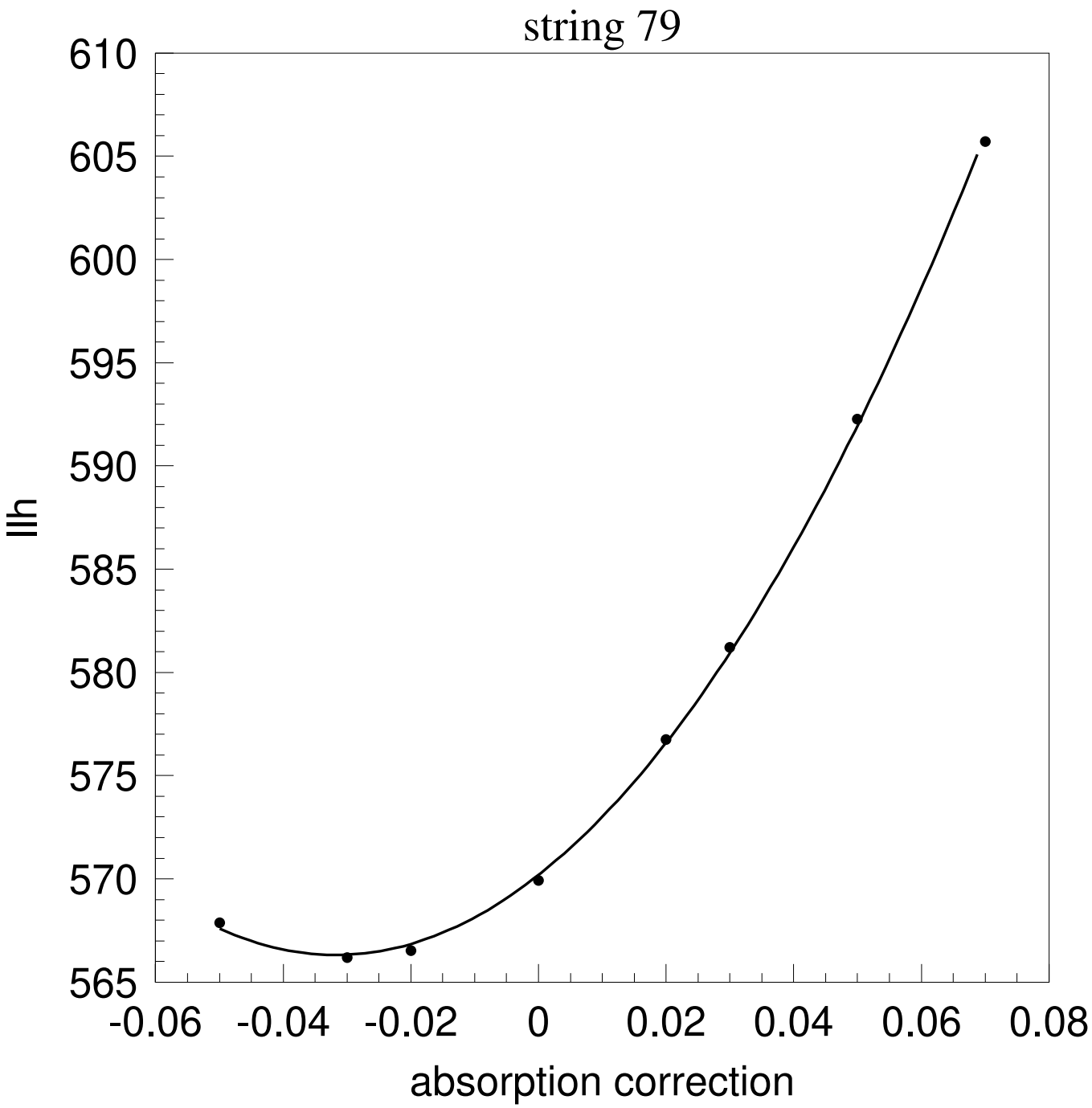

string 74
487.5
485
482.5
480
477.5
475
472.5
470
467.5
-ln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

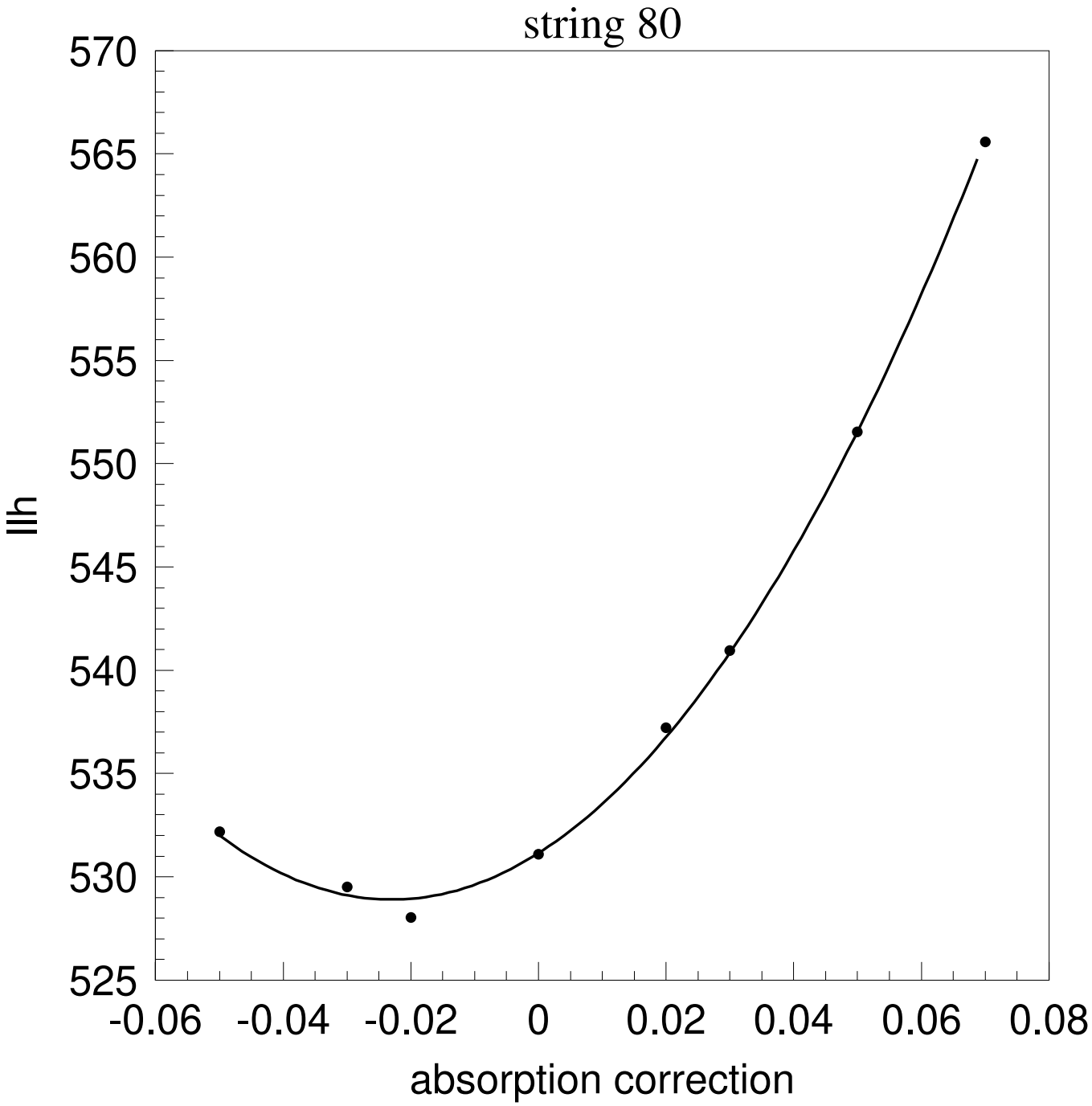

string 75
464
462
460
458
456
454
452
450
448
446
444
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

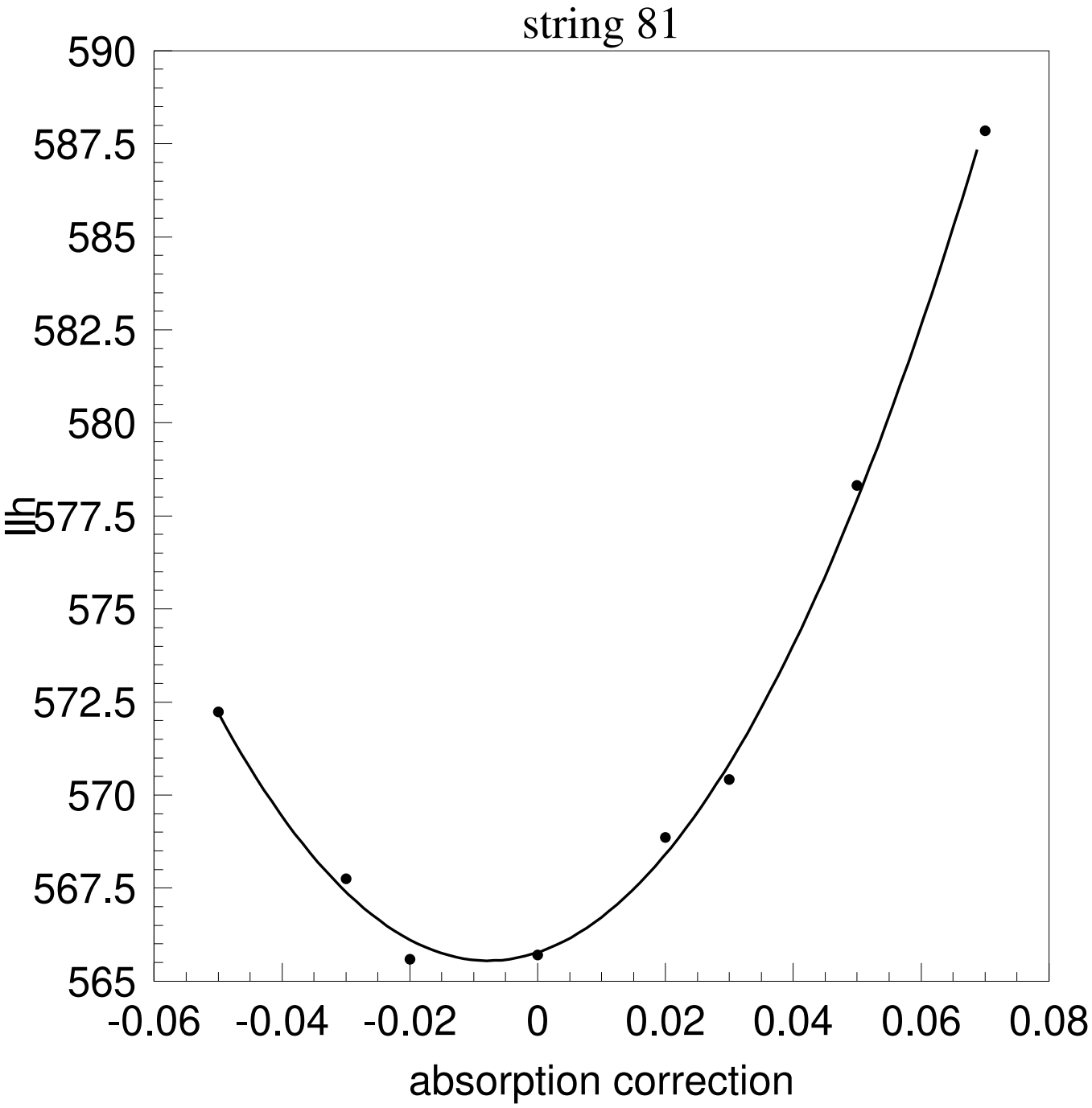

string 76
478
476
474
472
470
468
466
464
462
460
458
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

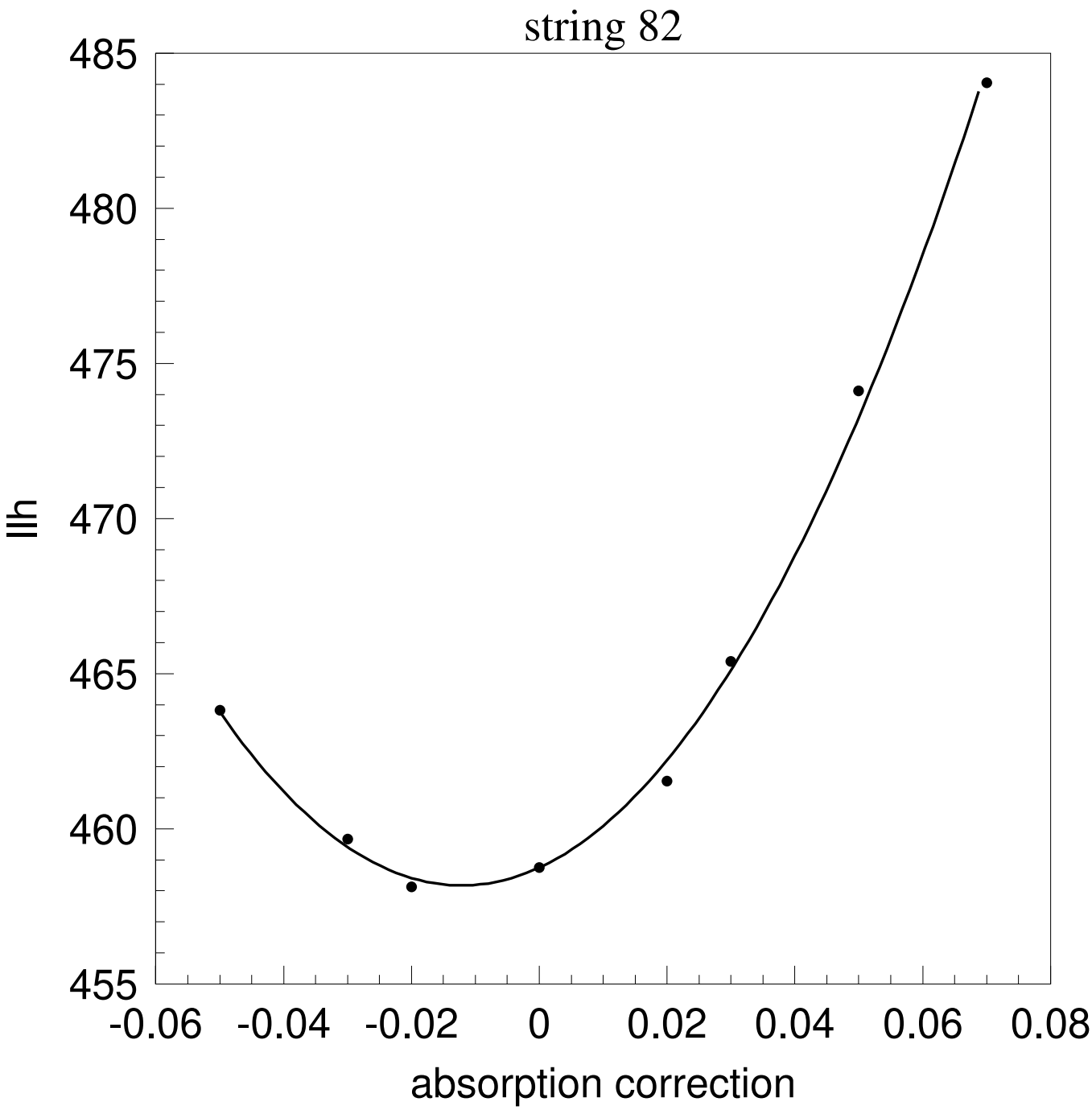

string 77
470
468
466
464
462
460
458
456
454
452
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

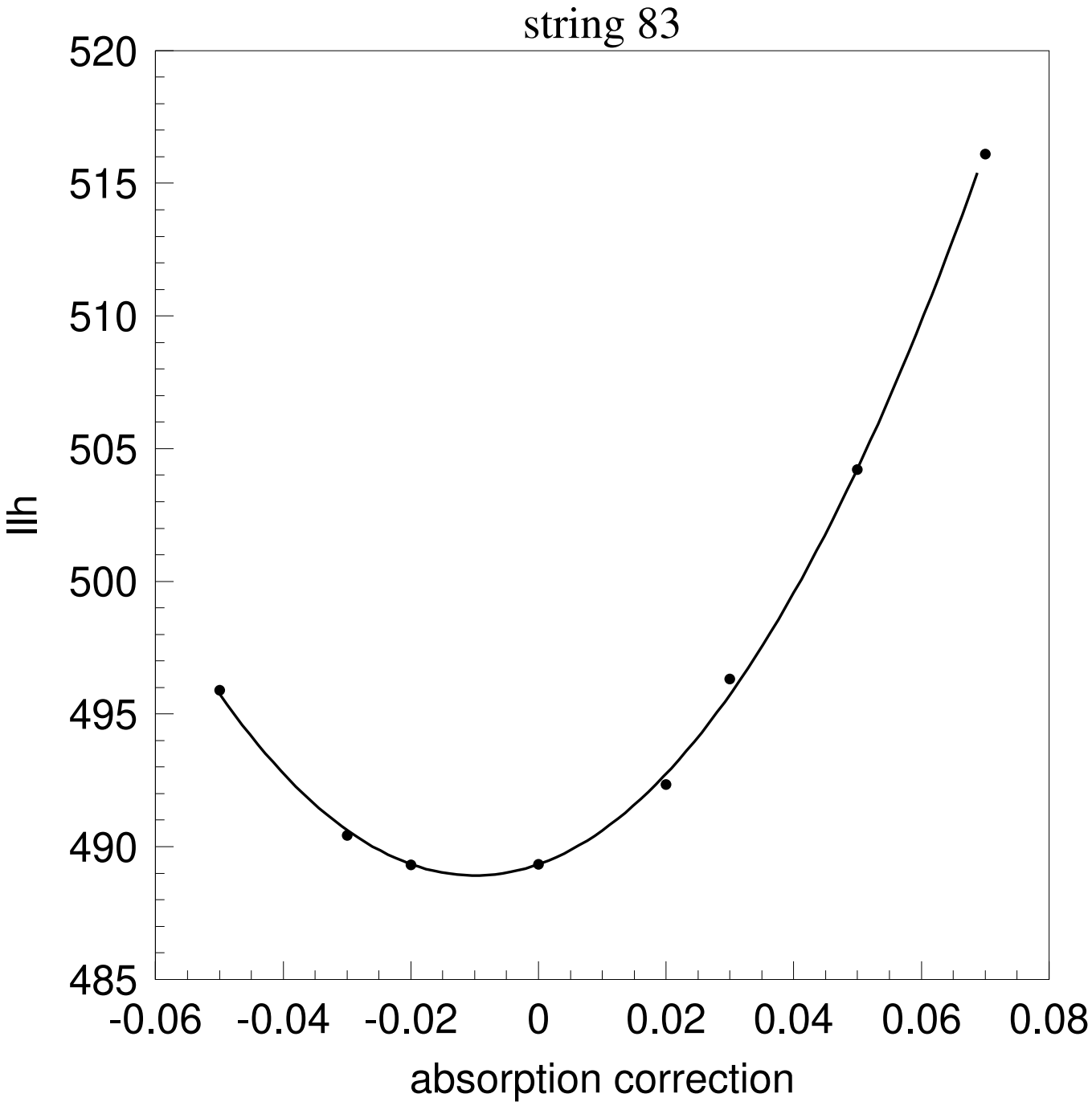

string 78
472
470
468
466
464
462
460
458
456
454
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

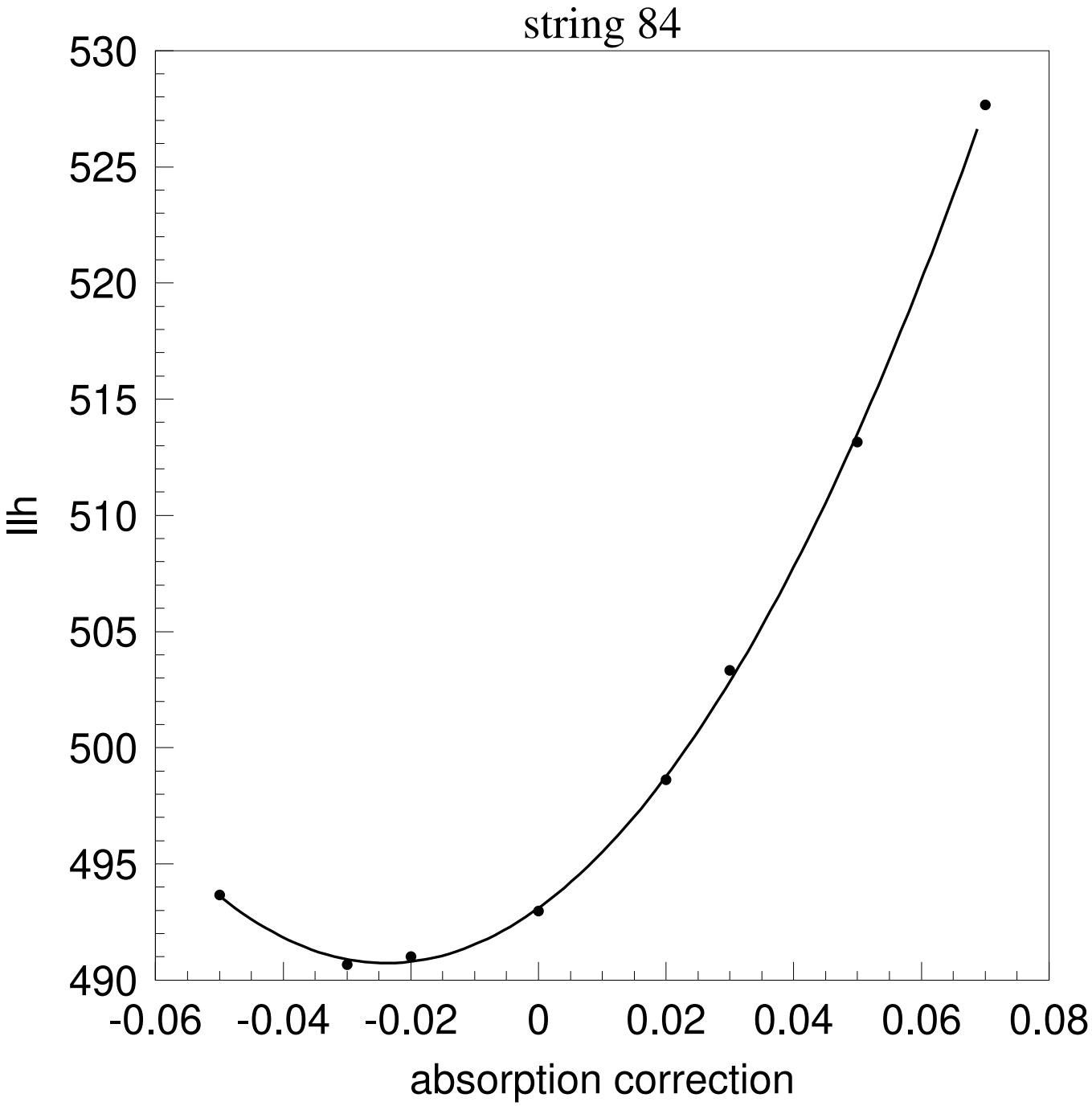

string 79
610
605
600
595
590
585
580
575
570
565
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

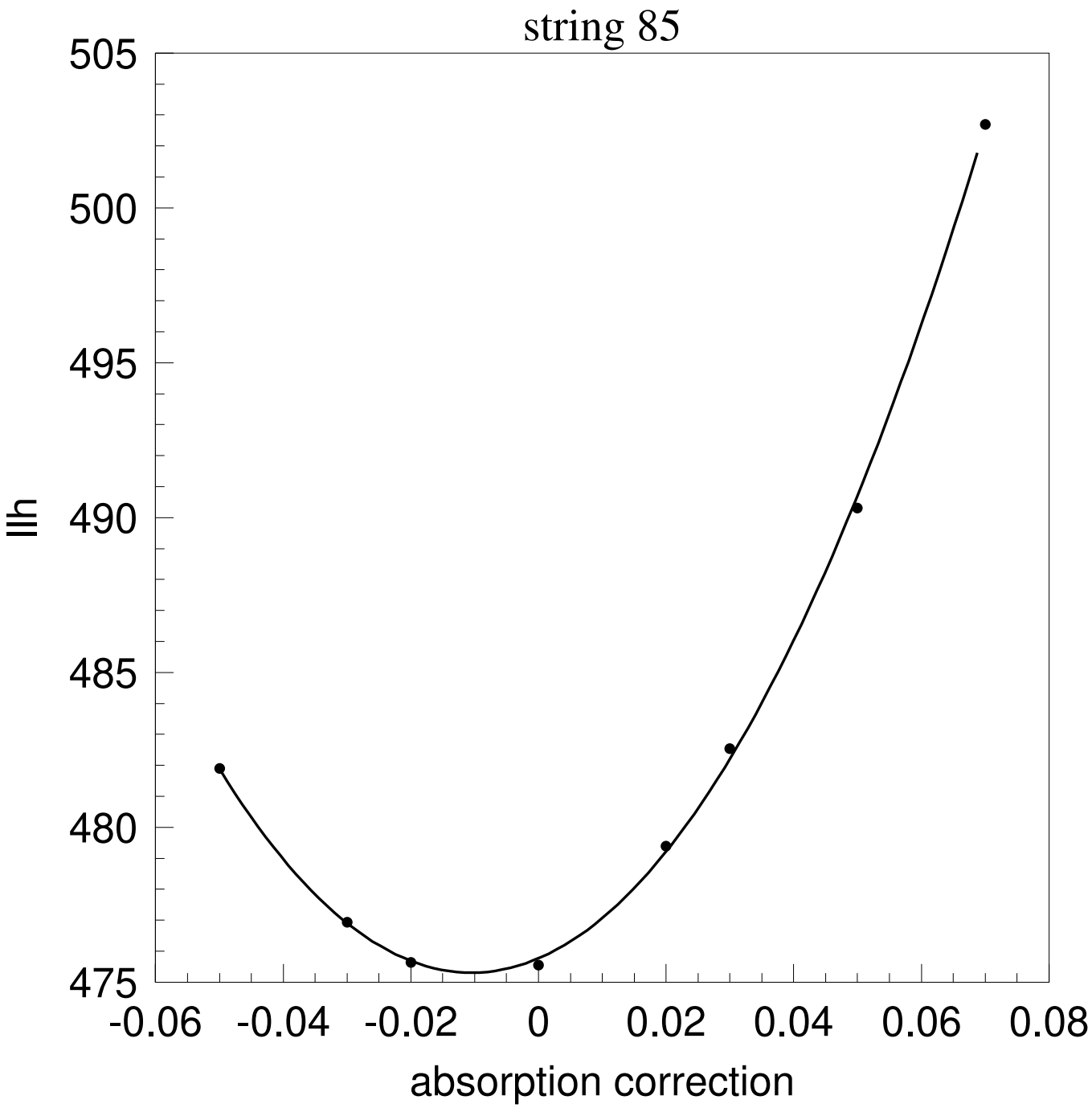

string 80
570
565
560
555
550
545
540
535
530
525
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction

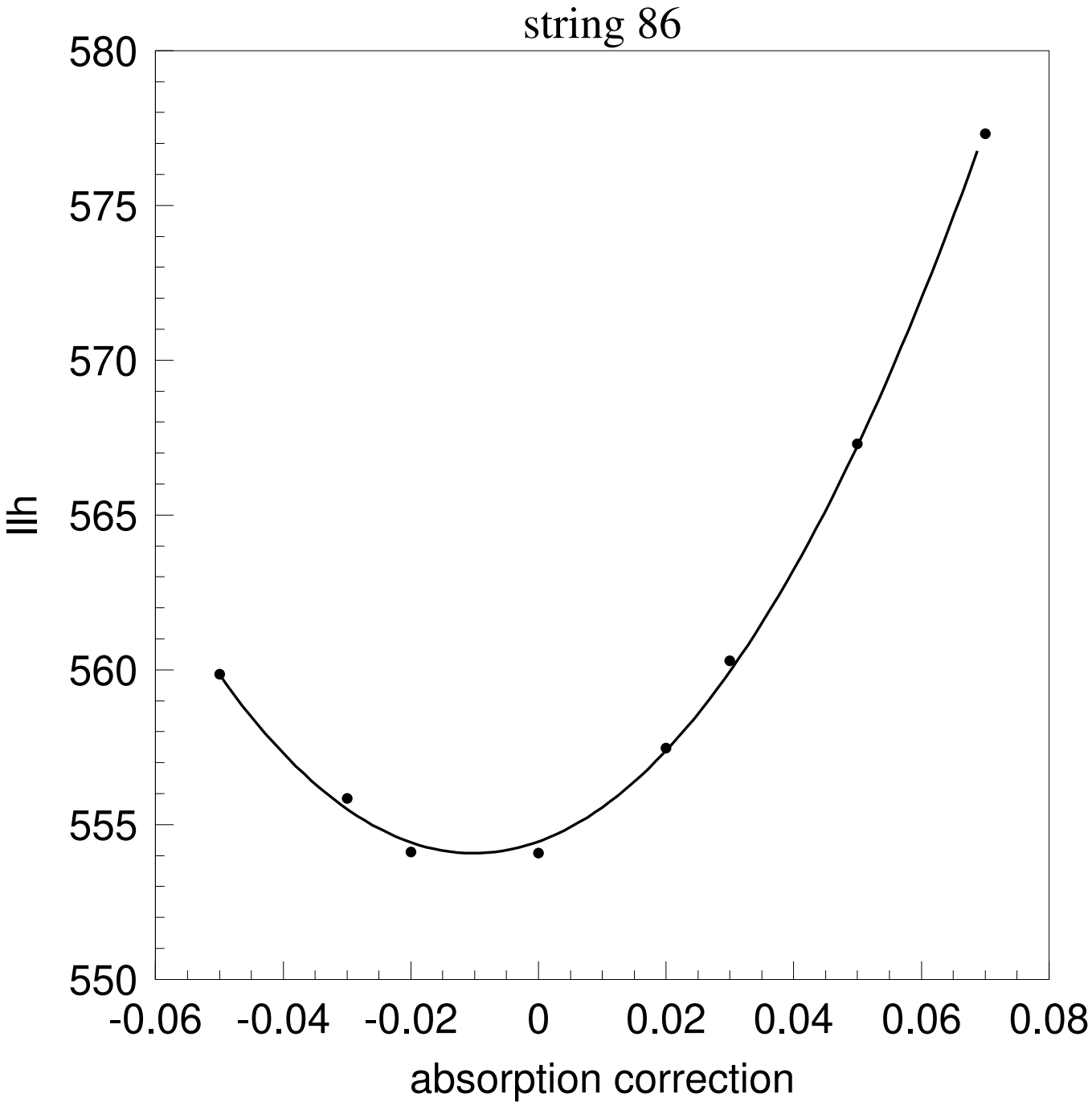

string 81
590
587.5
585
582.5
580
577.5
575
572.5
570
567.5
565
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction


string 82
485
480
475
470
465
460
455
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction


string 83
520
515
510
505
500
495
490
485
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction


string 84
530
525
520
515
510
505
500
495
490
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction


string 85
505
500
495
490
485
480
475
lln
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction


string 86
580
575
570
565
560
555
550
llh
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
absorption correction