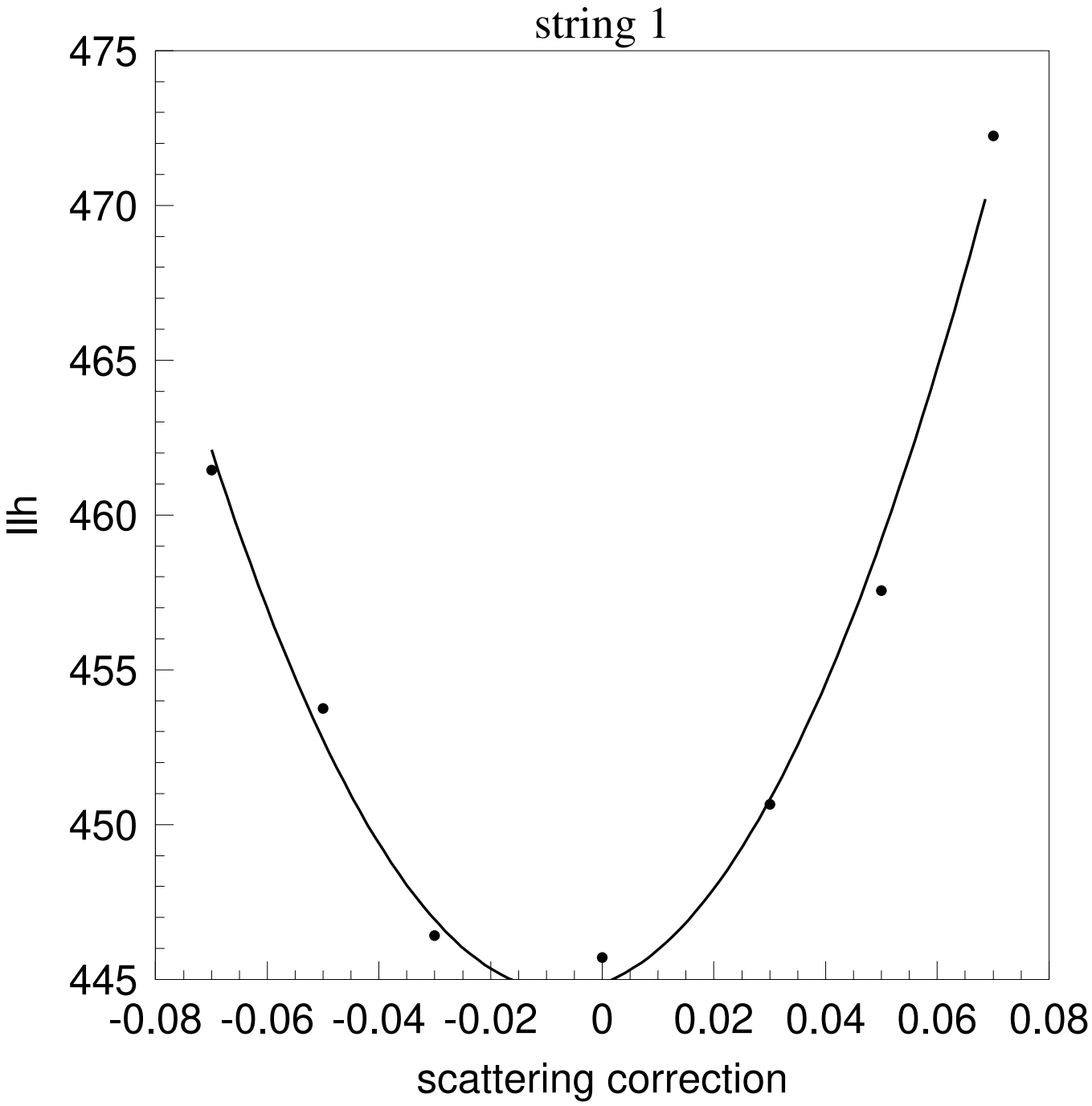
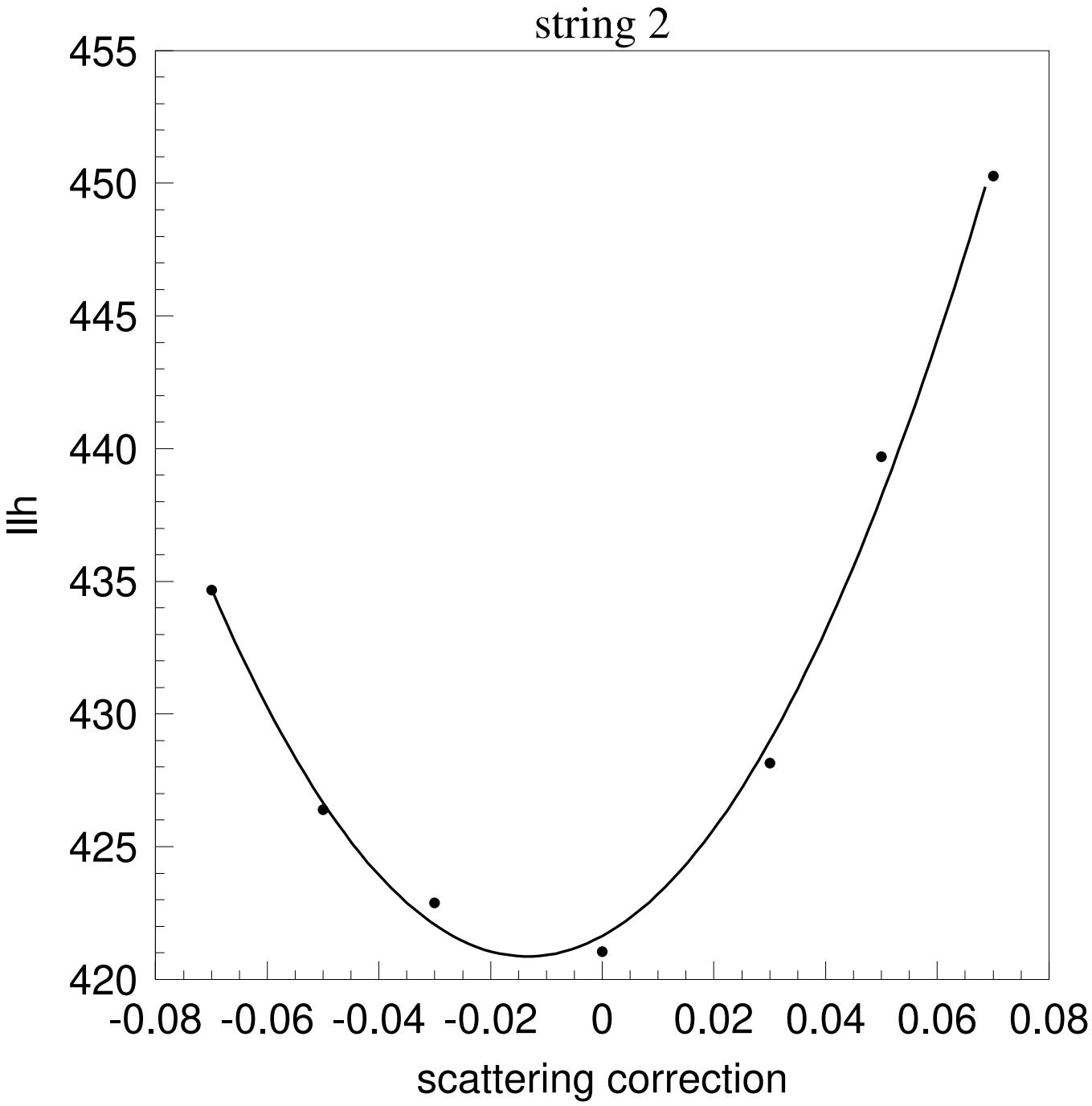
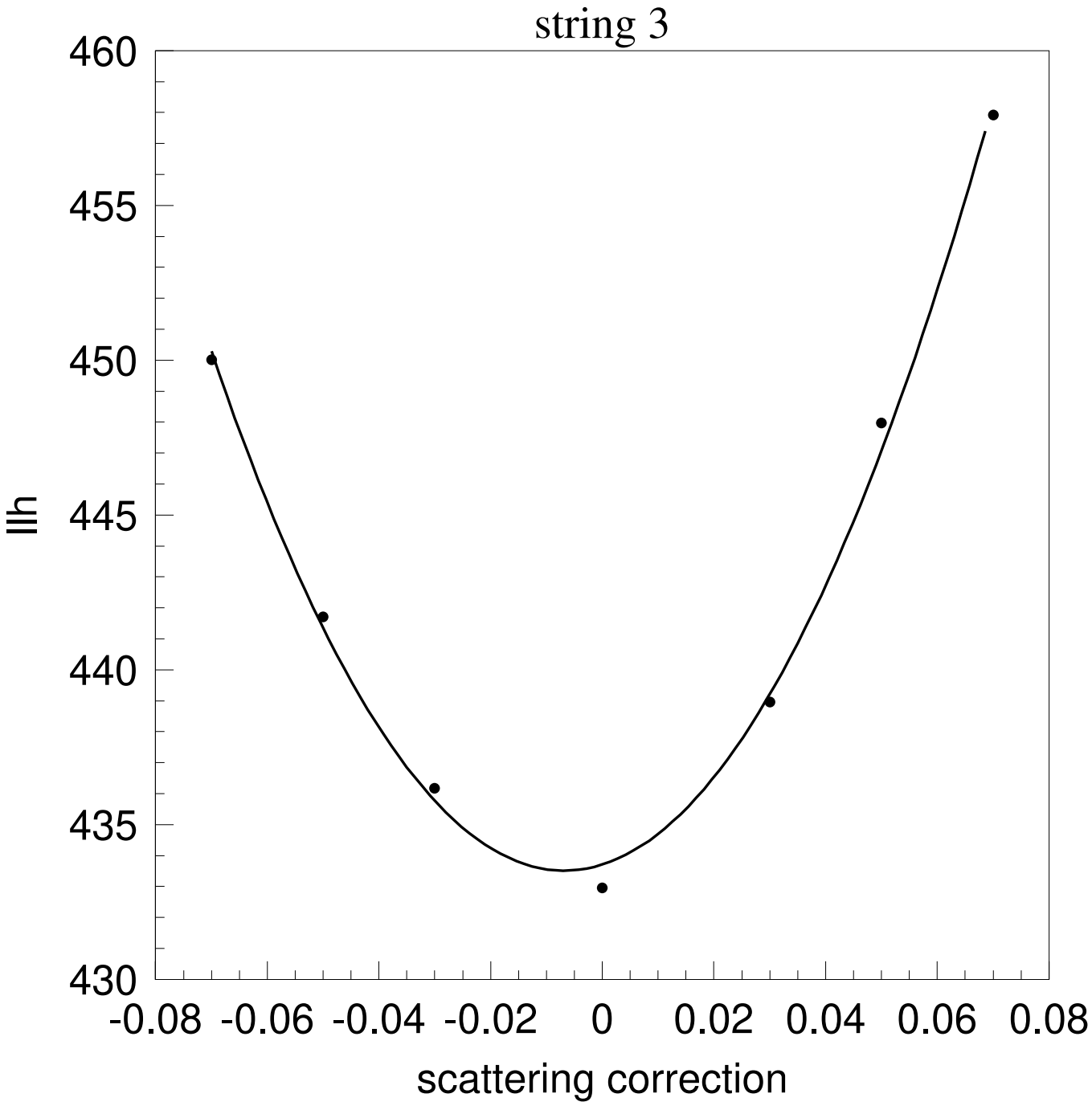
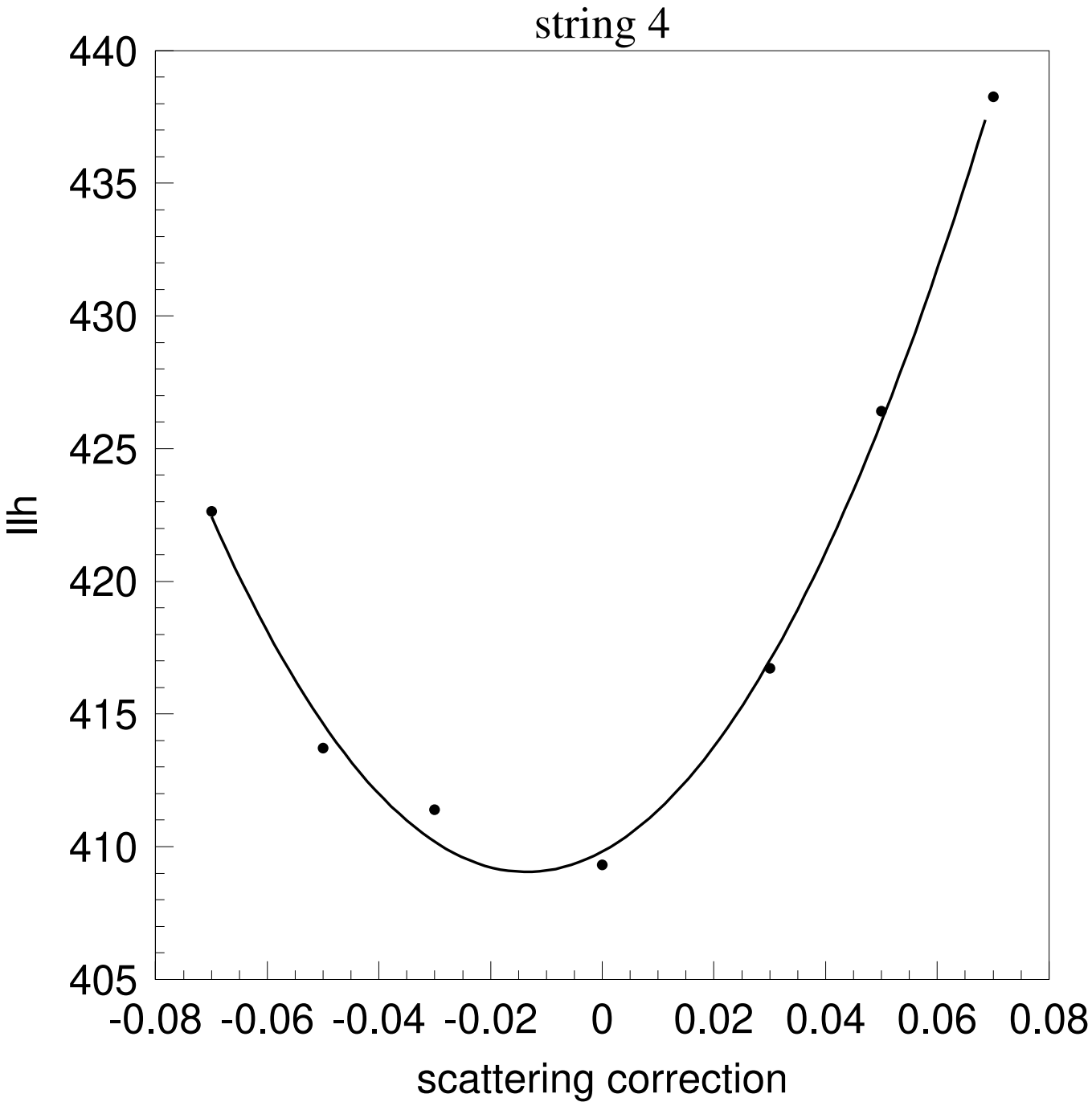
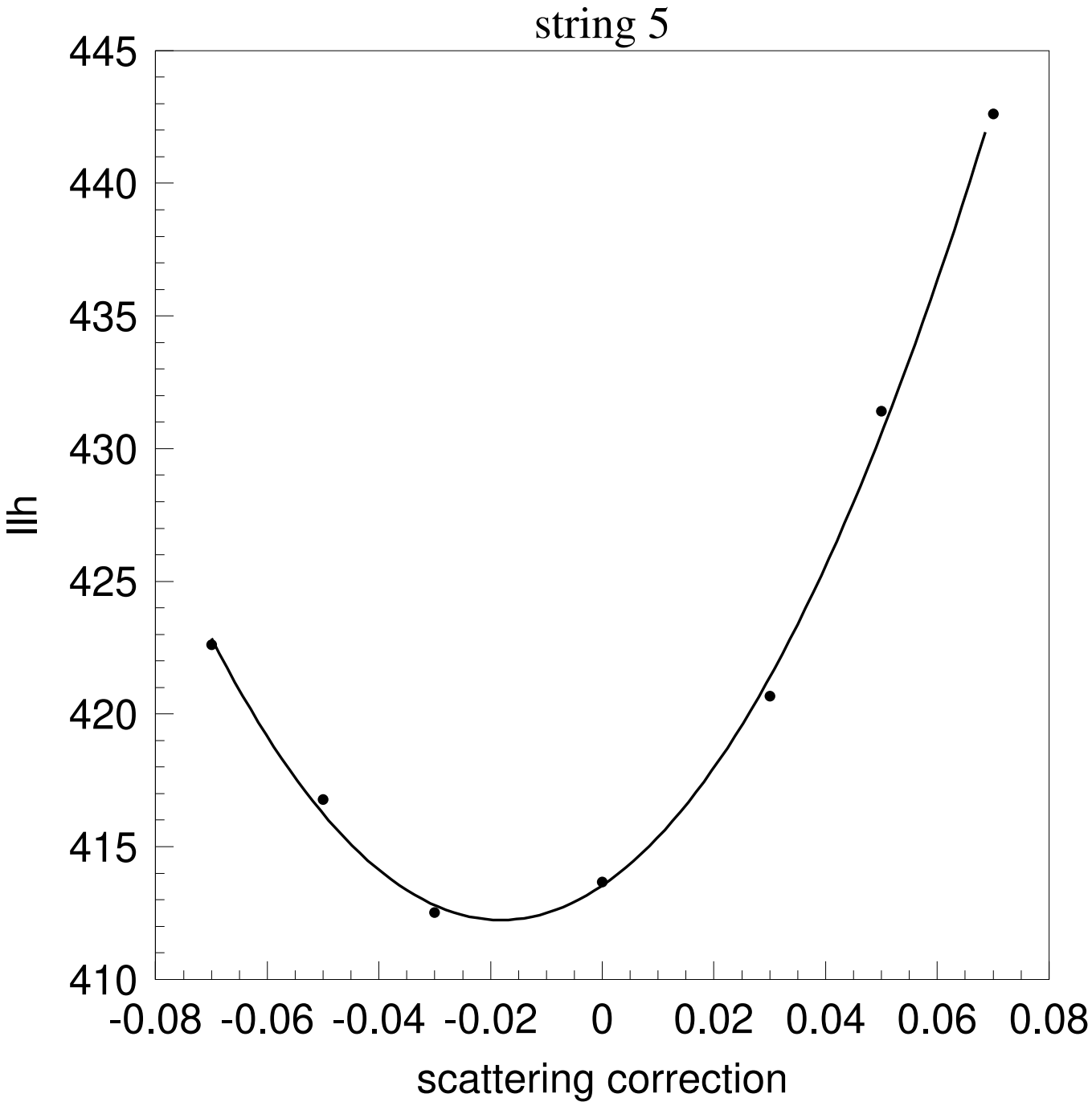
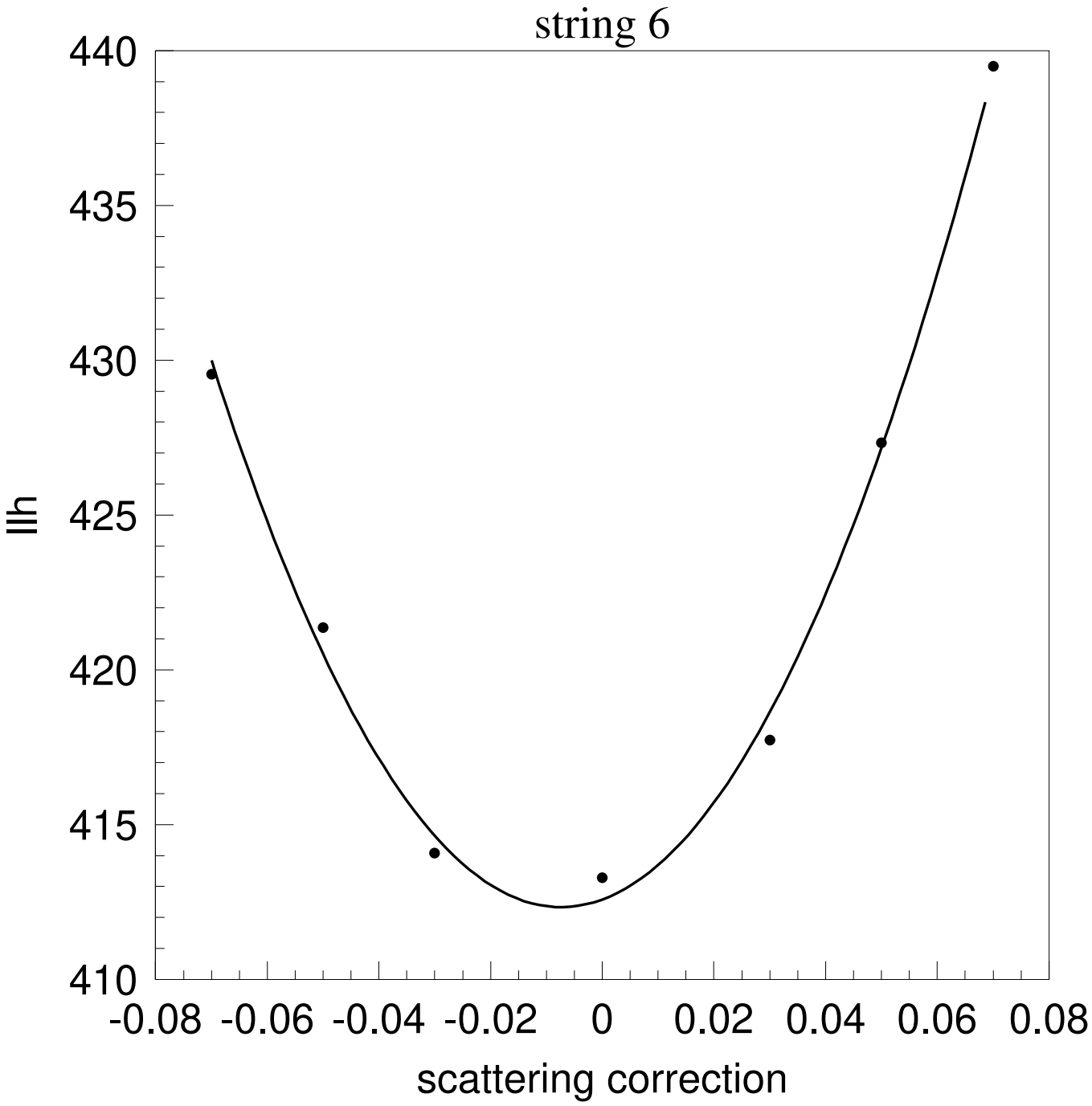

string 1
475
470
465
460
455
450
445
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

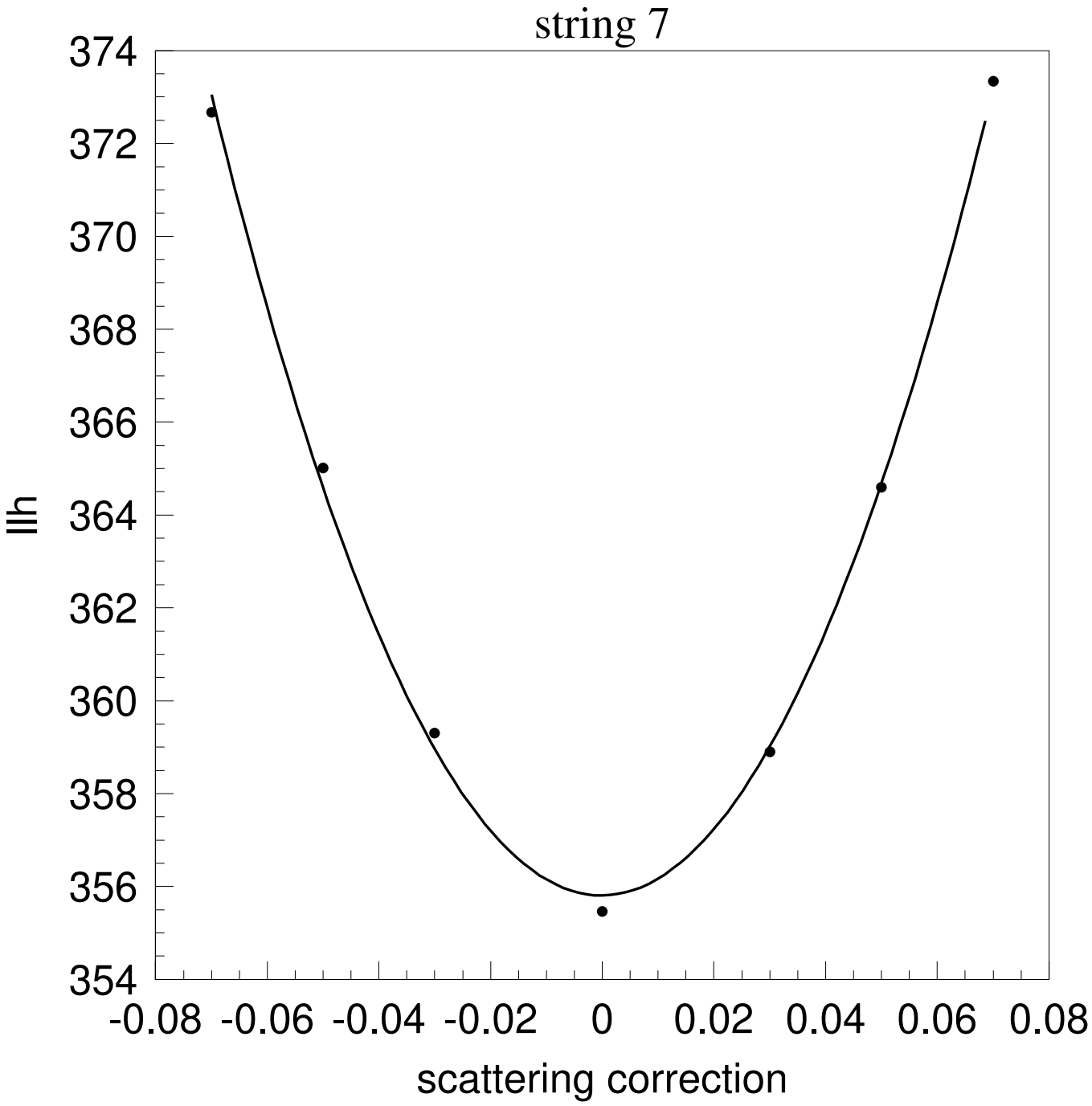

string 2
455
450
445
440
435
430
425
420
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

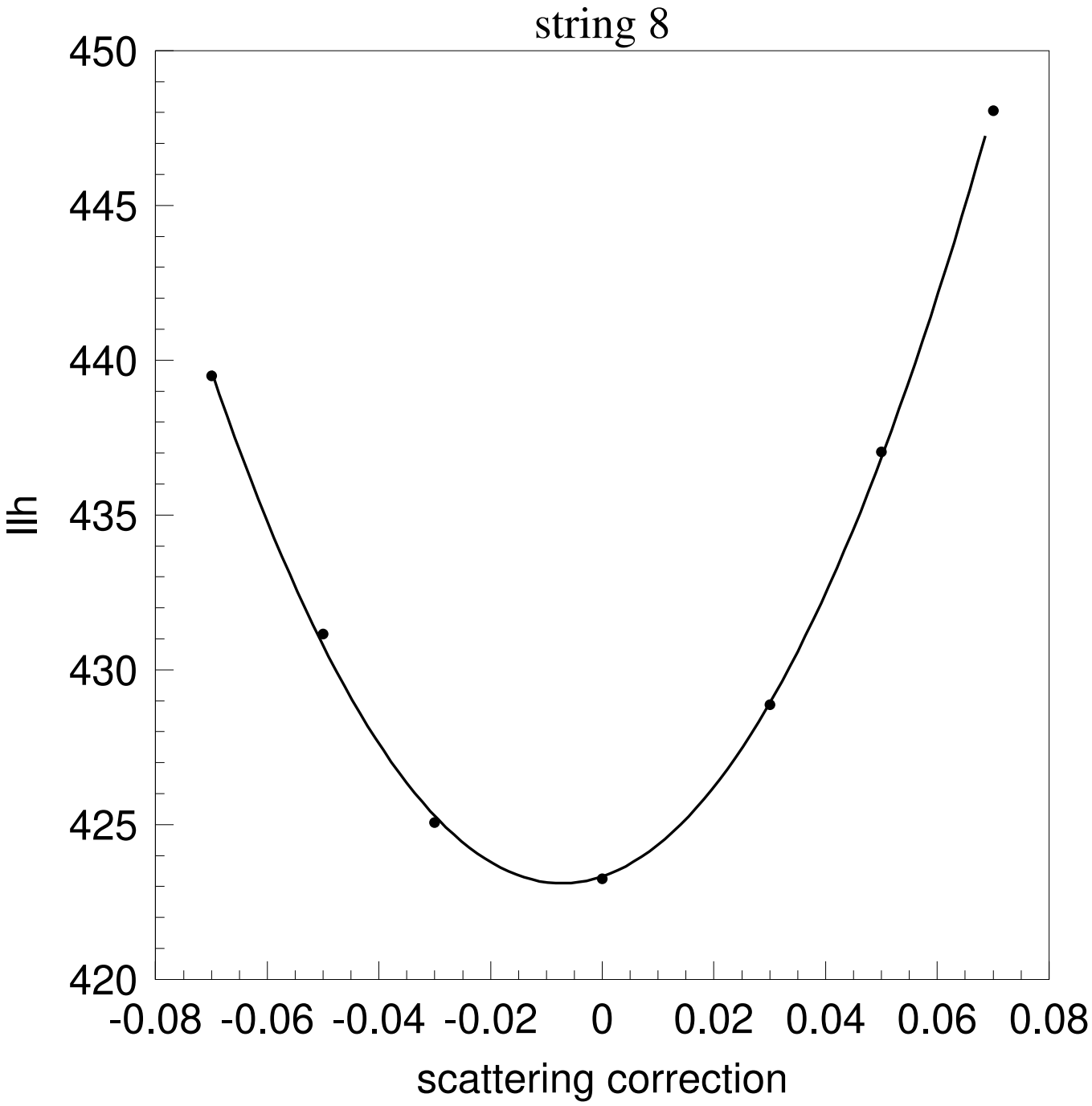

string 3
460
455
450
445
440
435
430
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

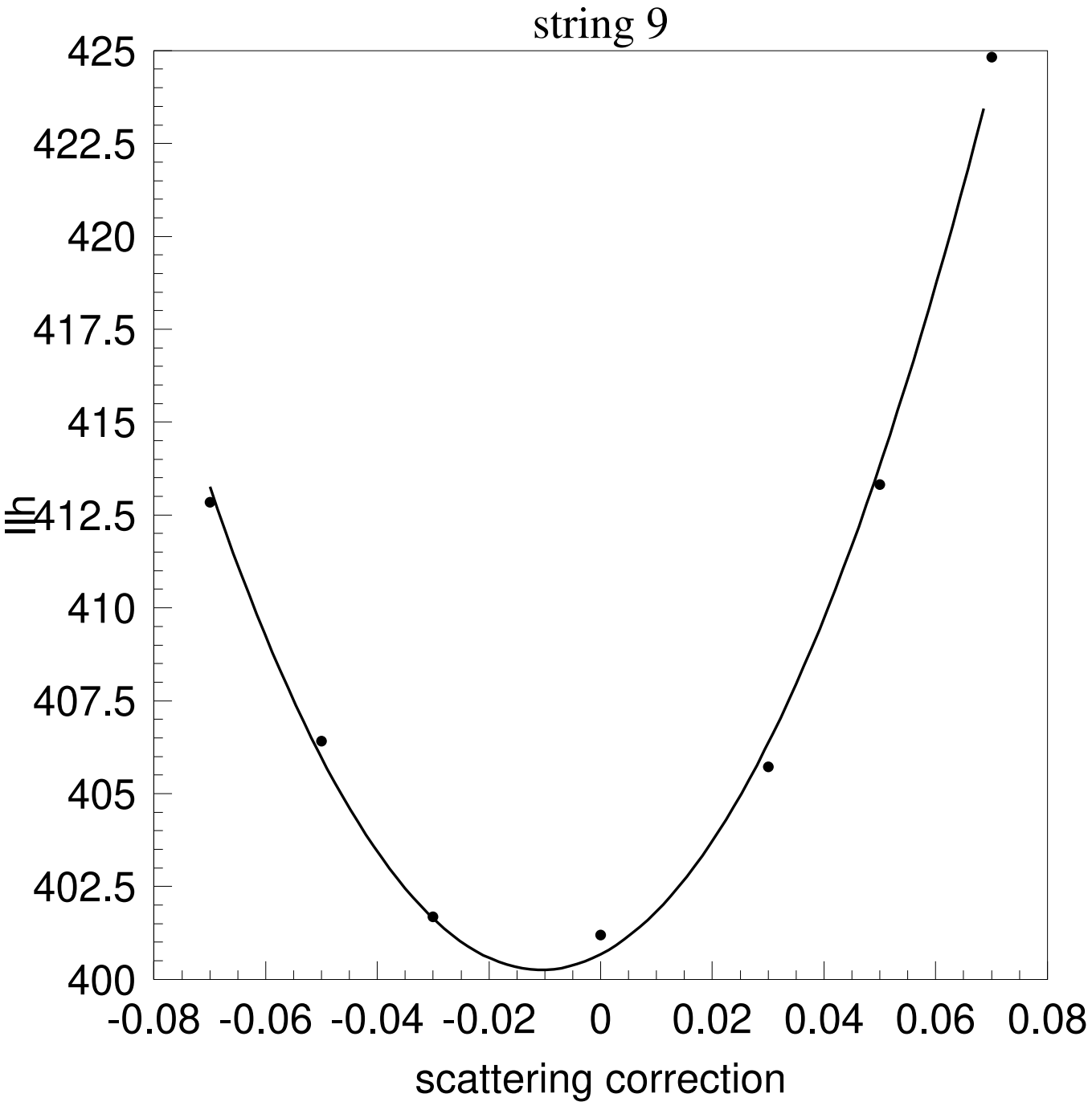

string 4
440
435
430
425
420
415
410
405
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

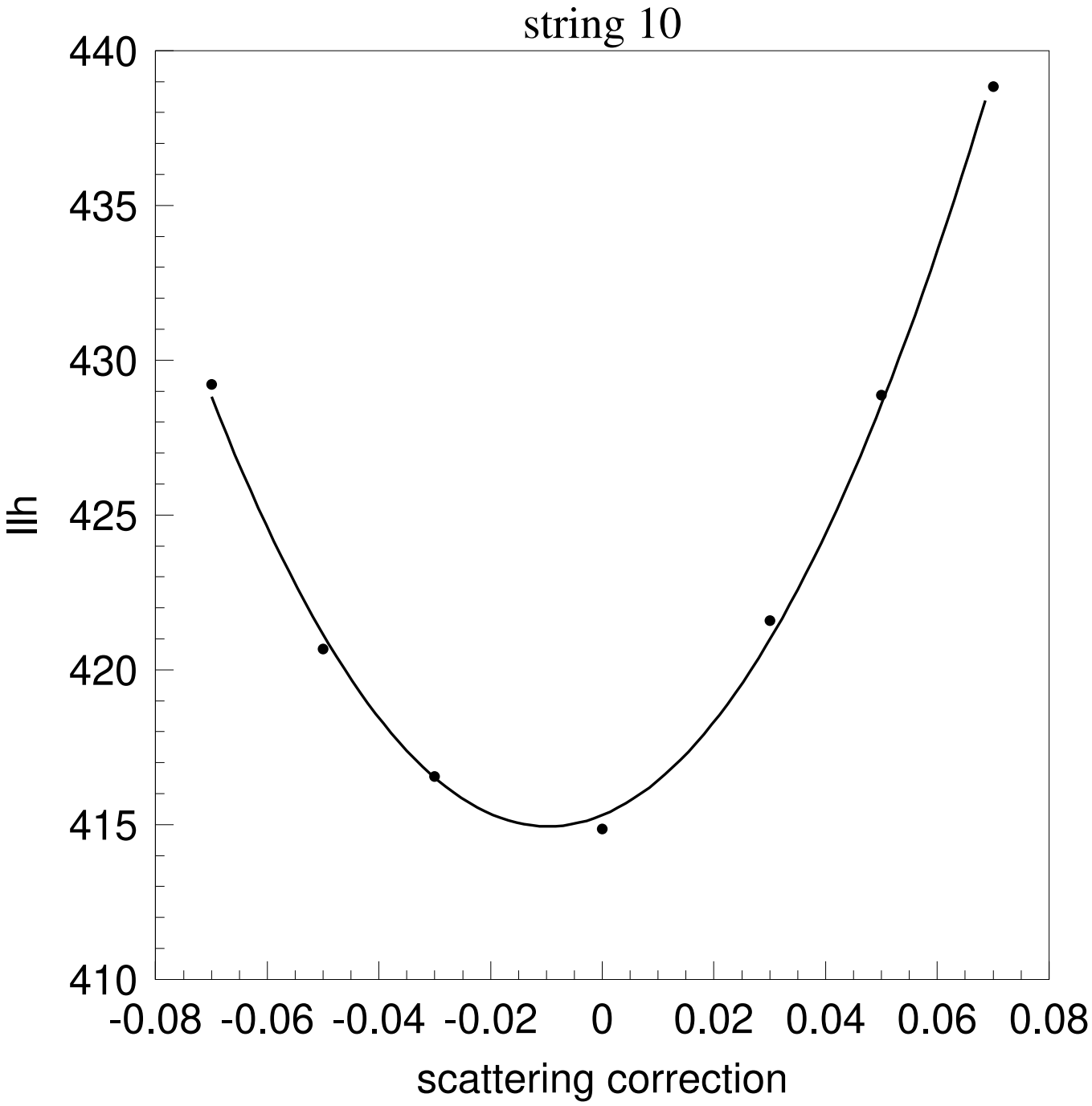

string 5
445
440
435
430
425
420
415
410
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

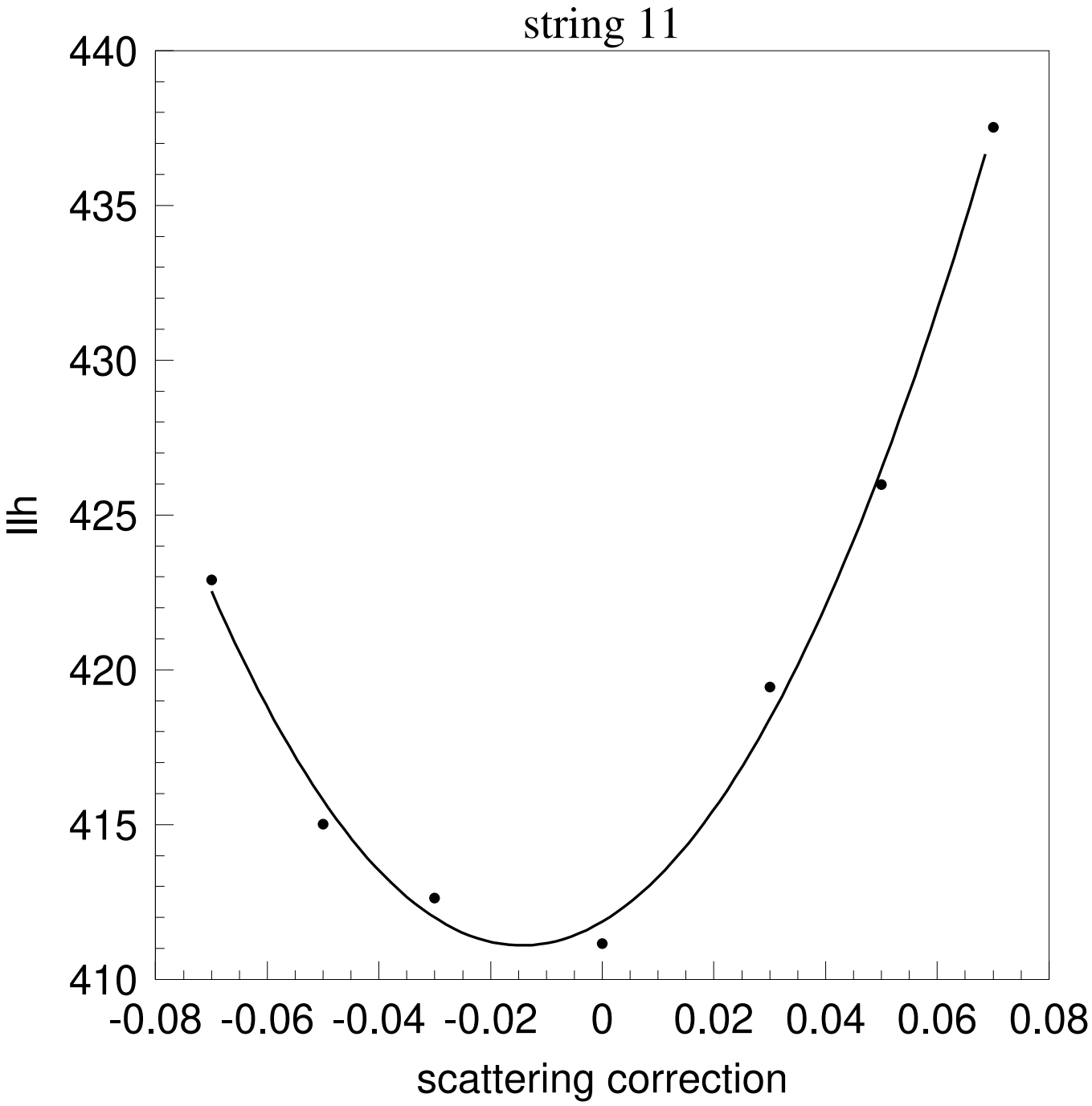

string 6
440
435
430
425
420
415
410
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

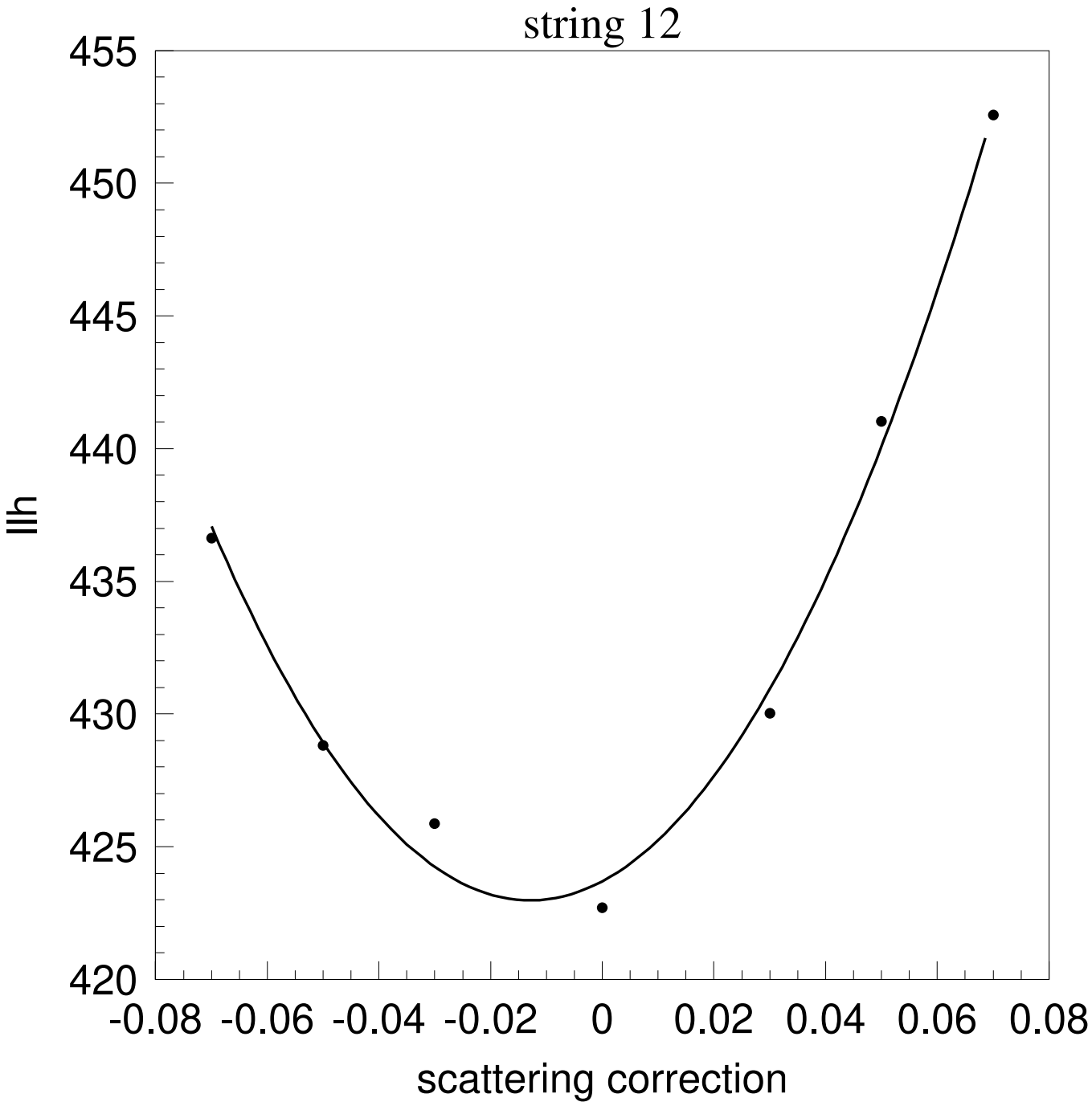

string 7
374
372
370
368
366
364
362
360
358
356
354
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

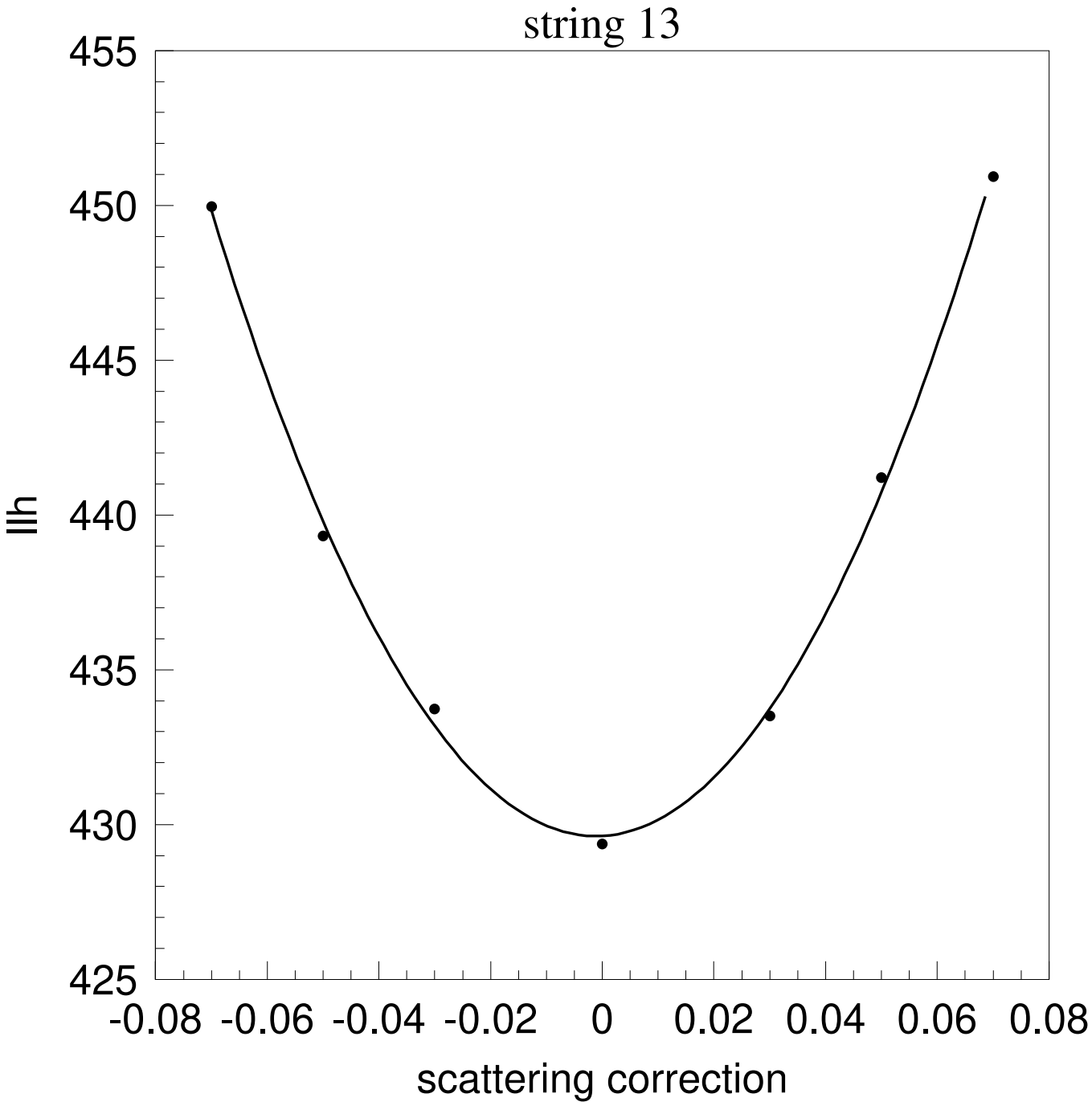

string 8
450
445
440
435
430
425
420
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

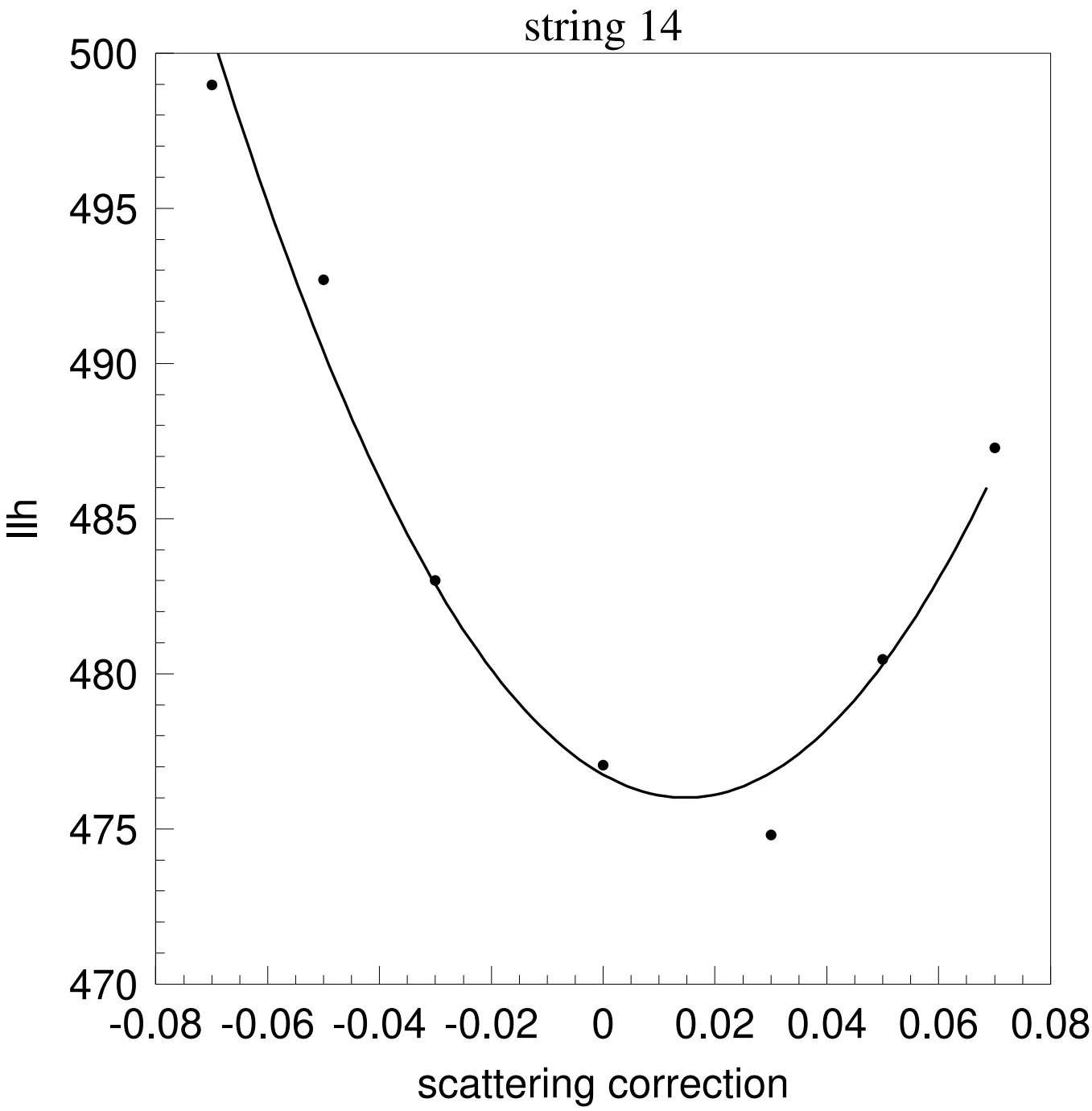

string 9
425
422.5
420
417.5
415
412.5
410
407.5
405
402.5
400
χ²
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

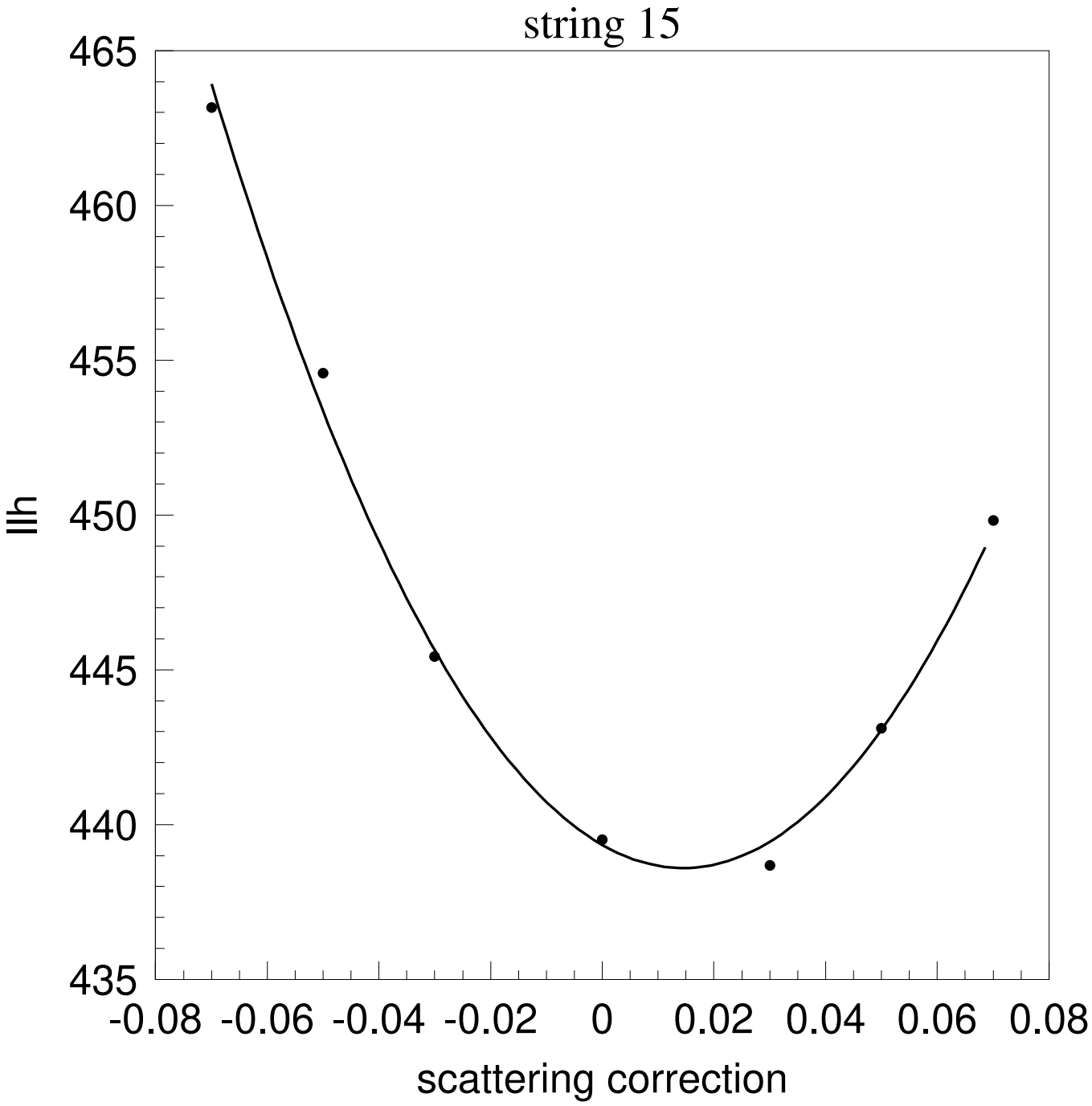

string 10
440
435
430
425
420
415
410
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

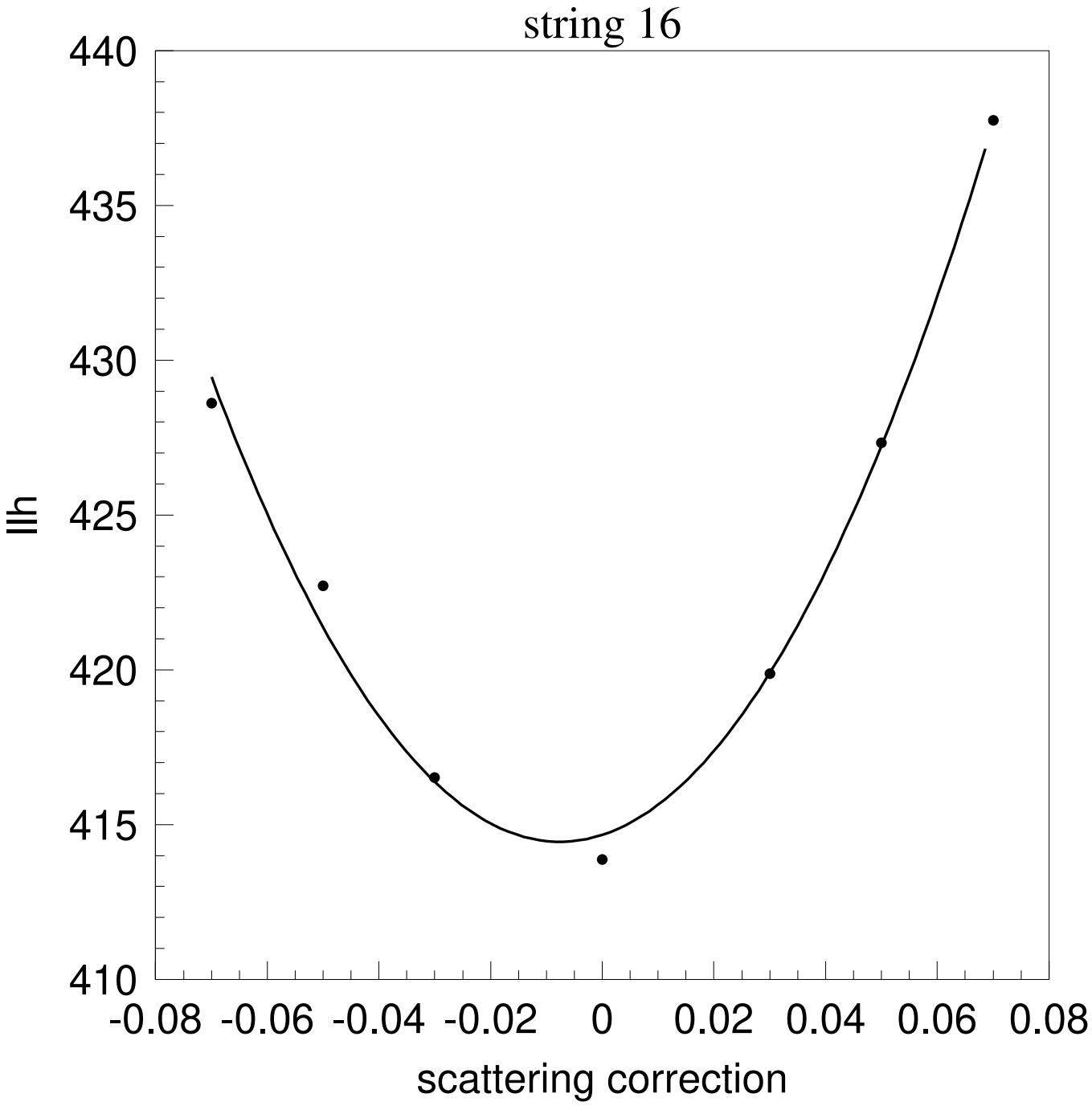

string 11
440
435
430
425
420
415
410
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

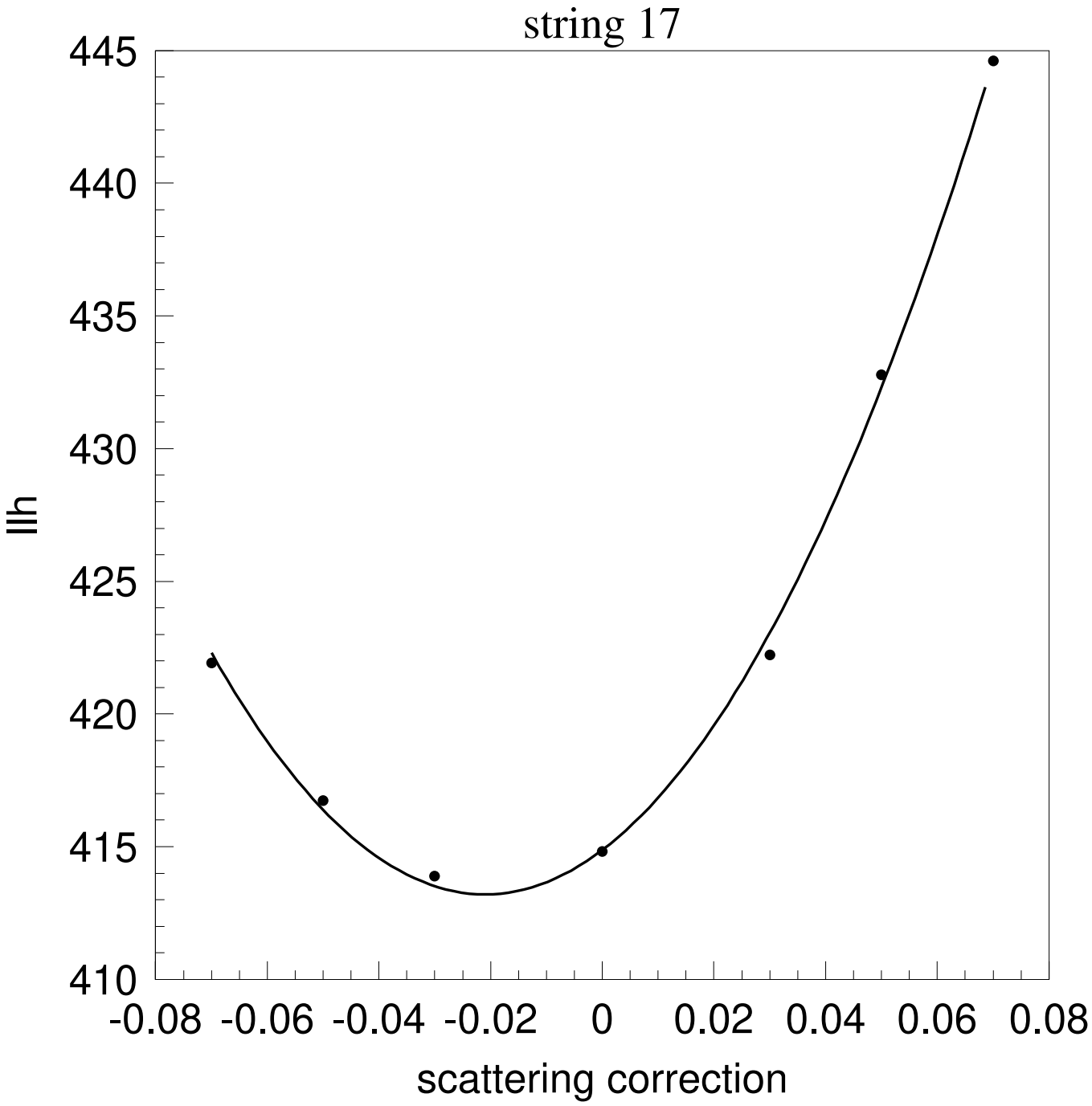

string 12
455
450
445
440
435
430
425
420
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

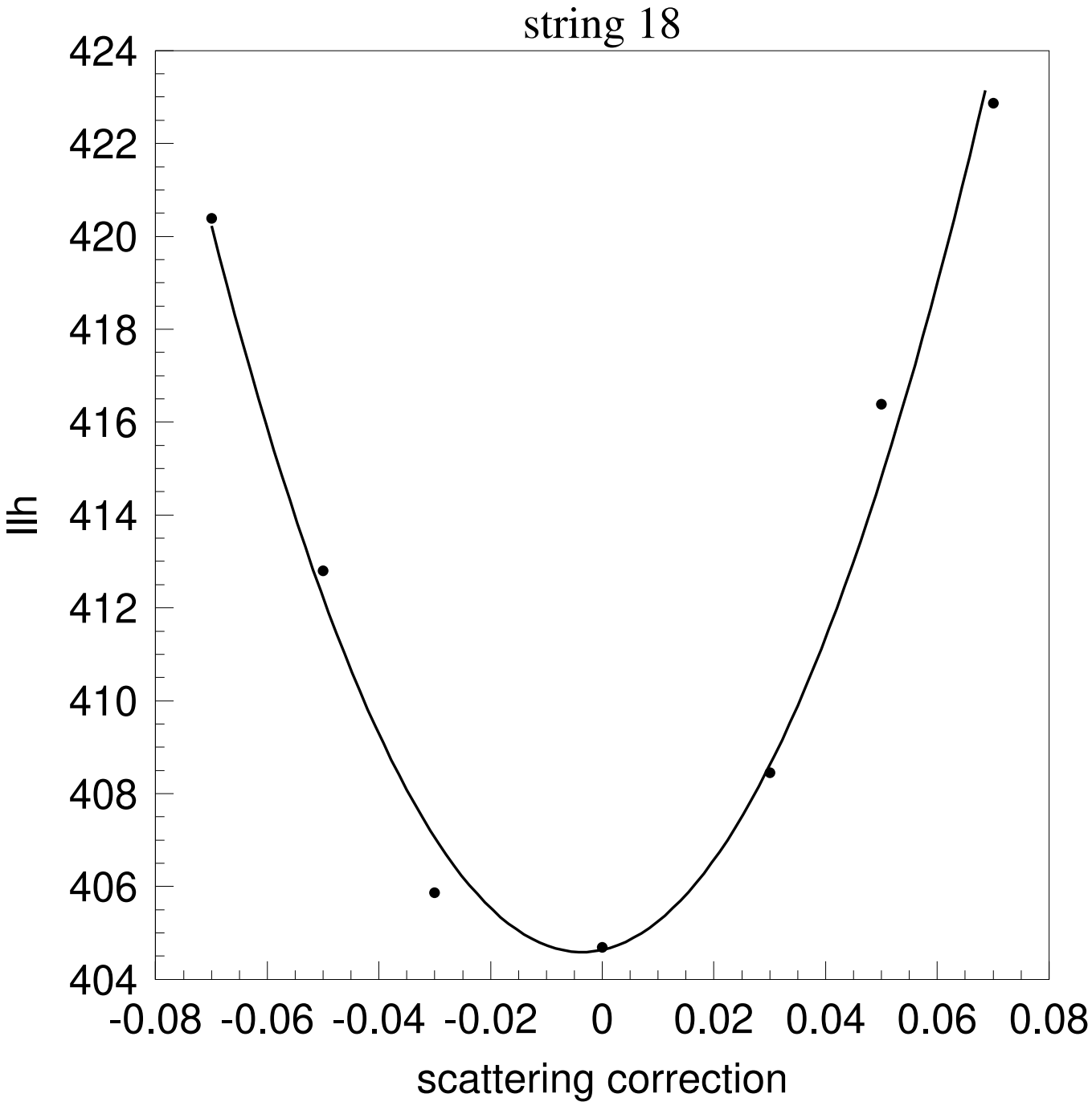

string 13
455
450
445
440
435
430
425
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

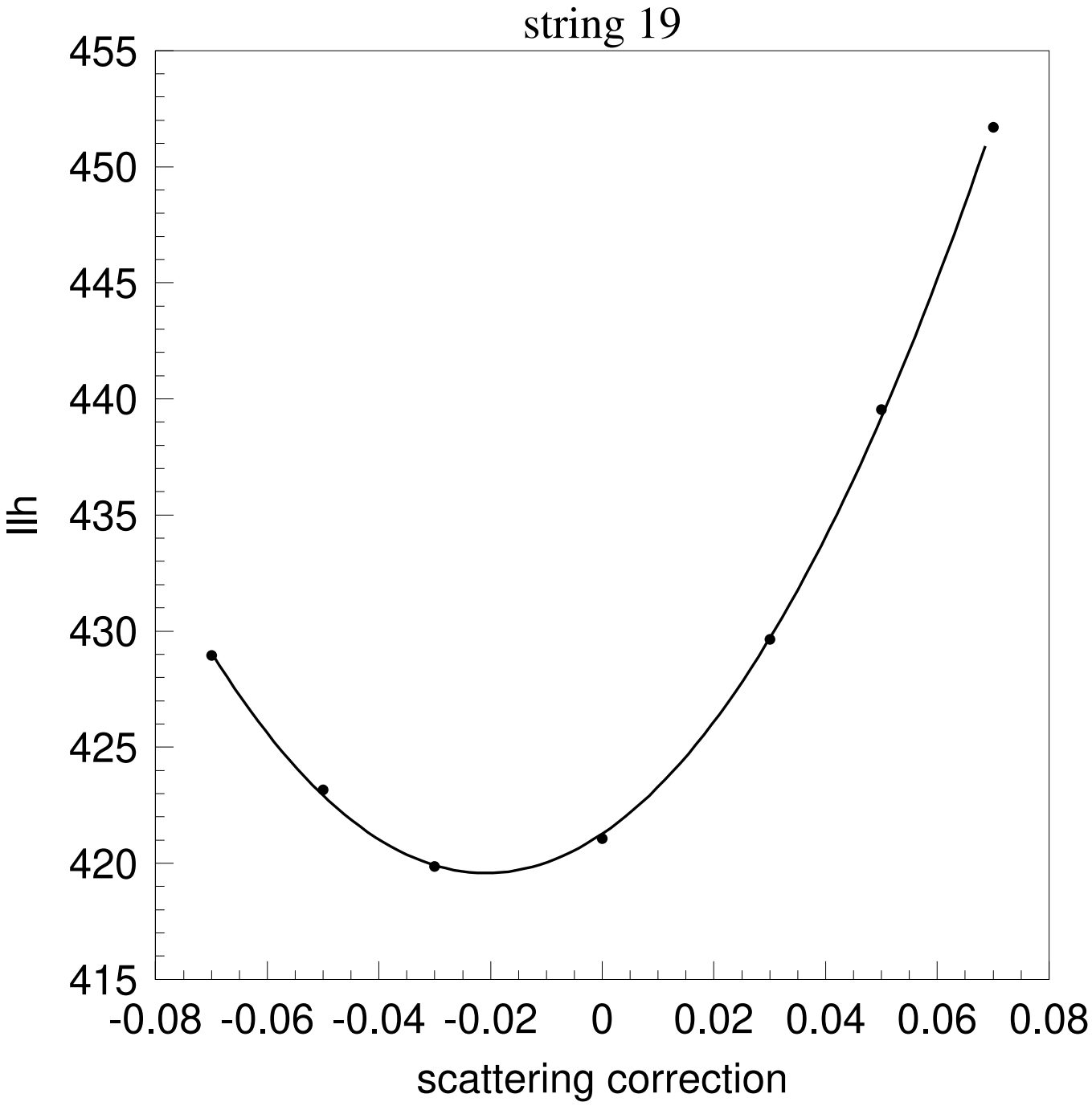

string 14
500
495
490
485
480
475
470
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

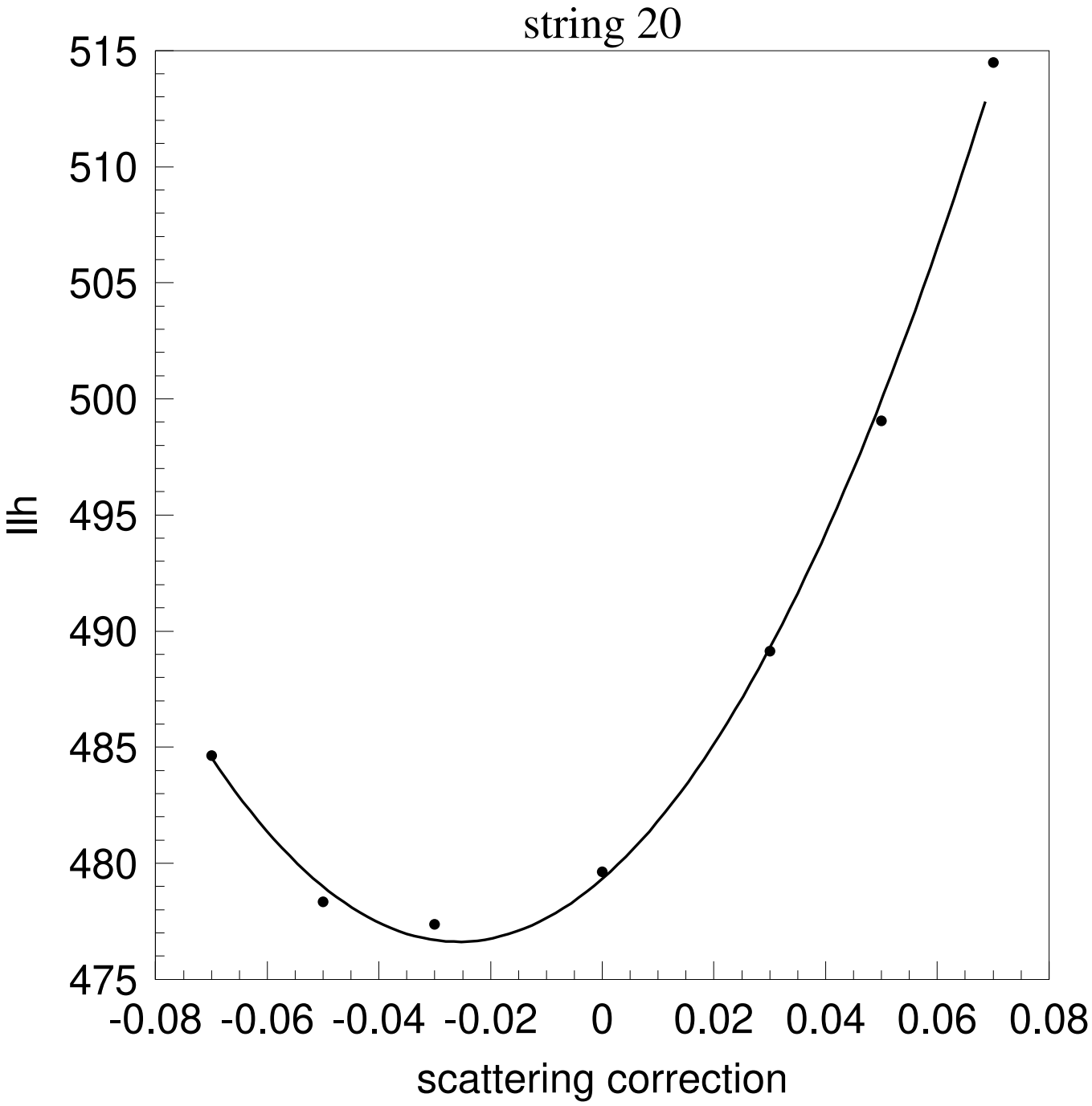

string 15
465
460
455
450
445
440
435
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

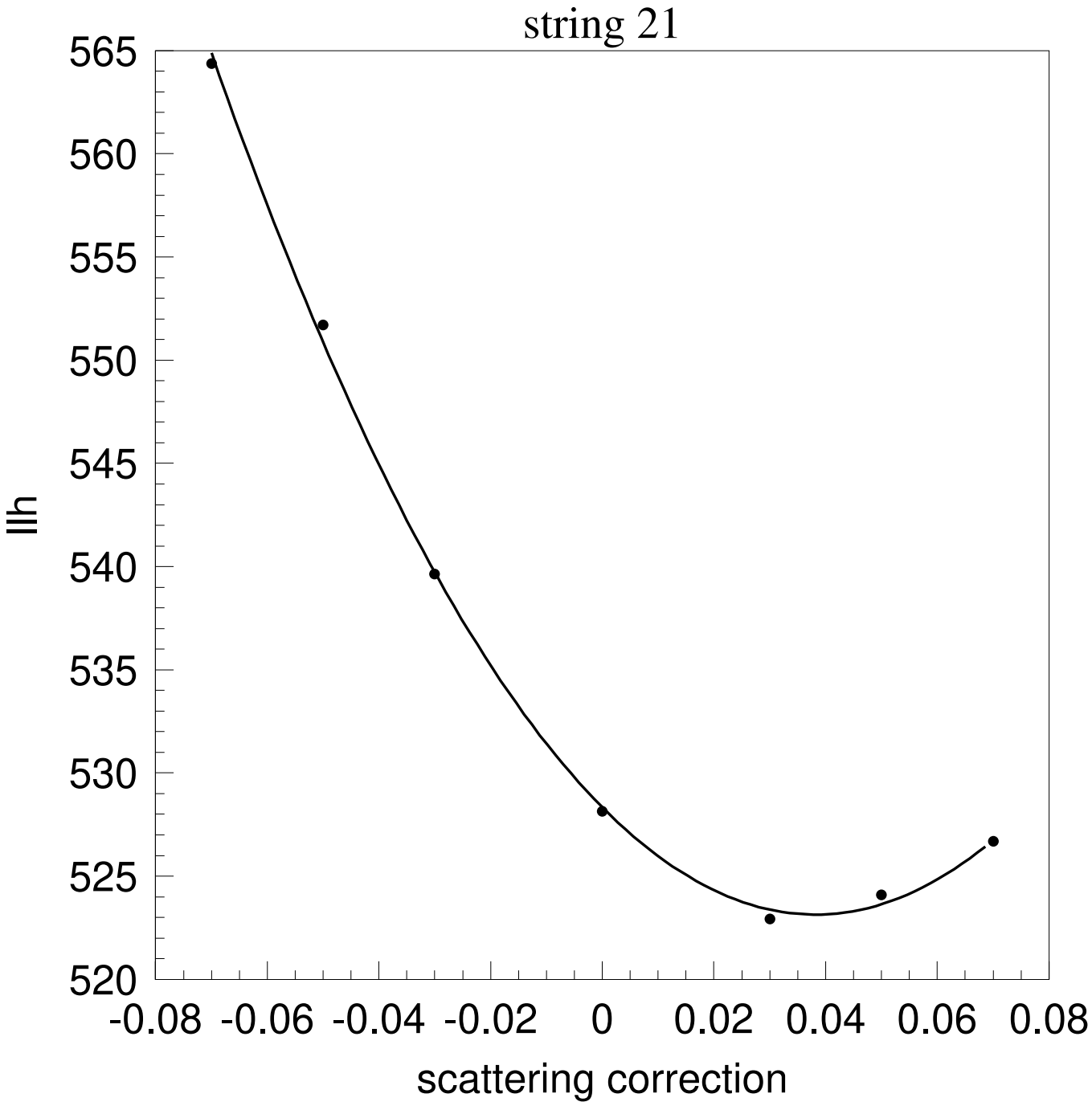

string 16
440
435
430
425
420
415
410
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

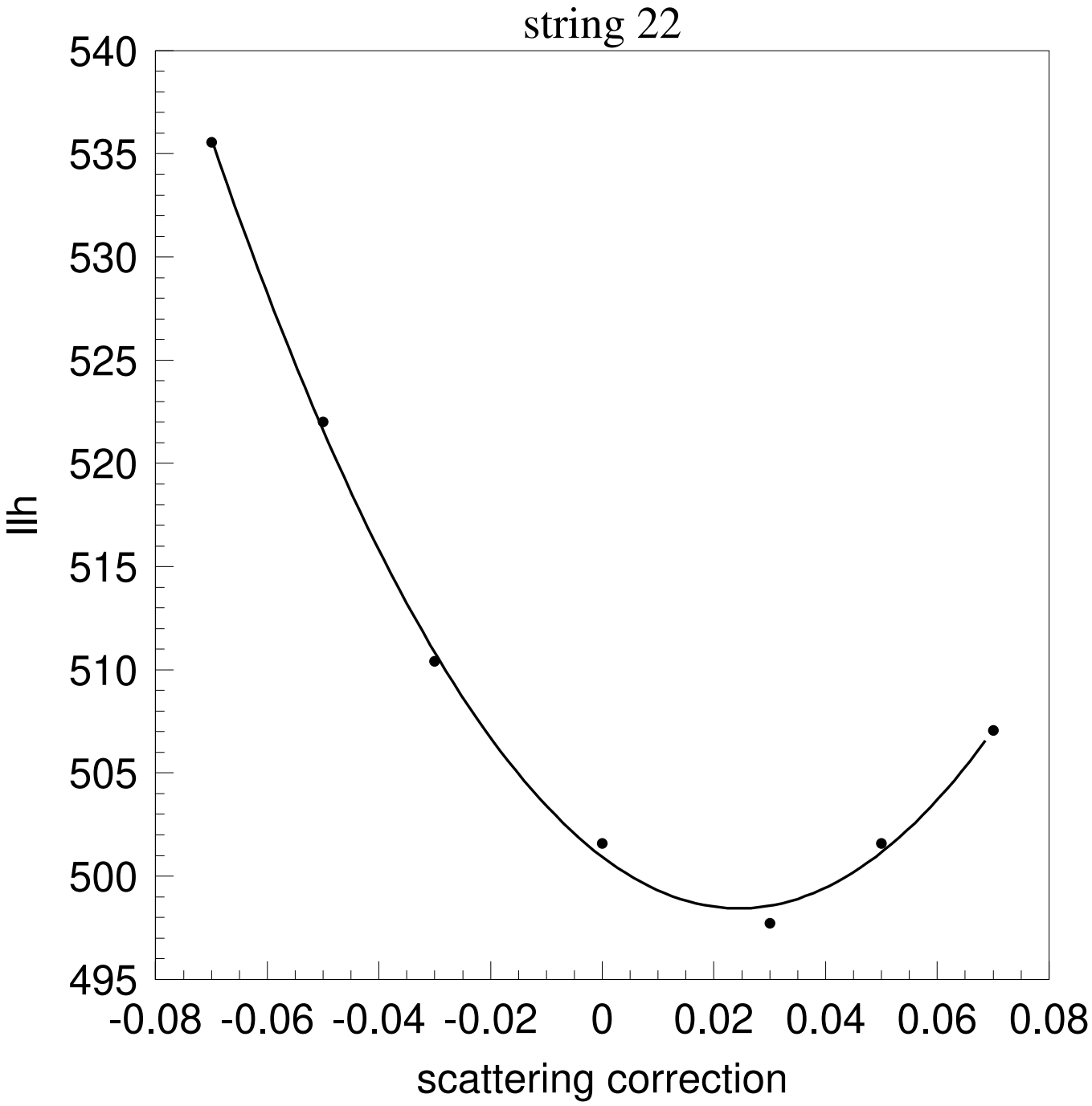

string 17
445
440
435
430
425
420
415
410
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

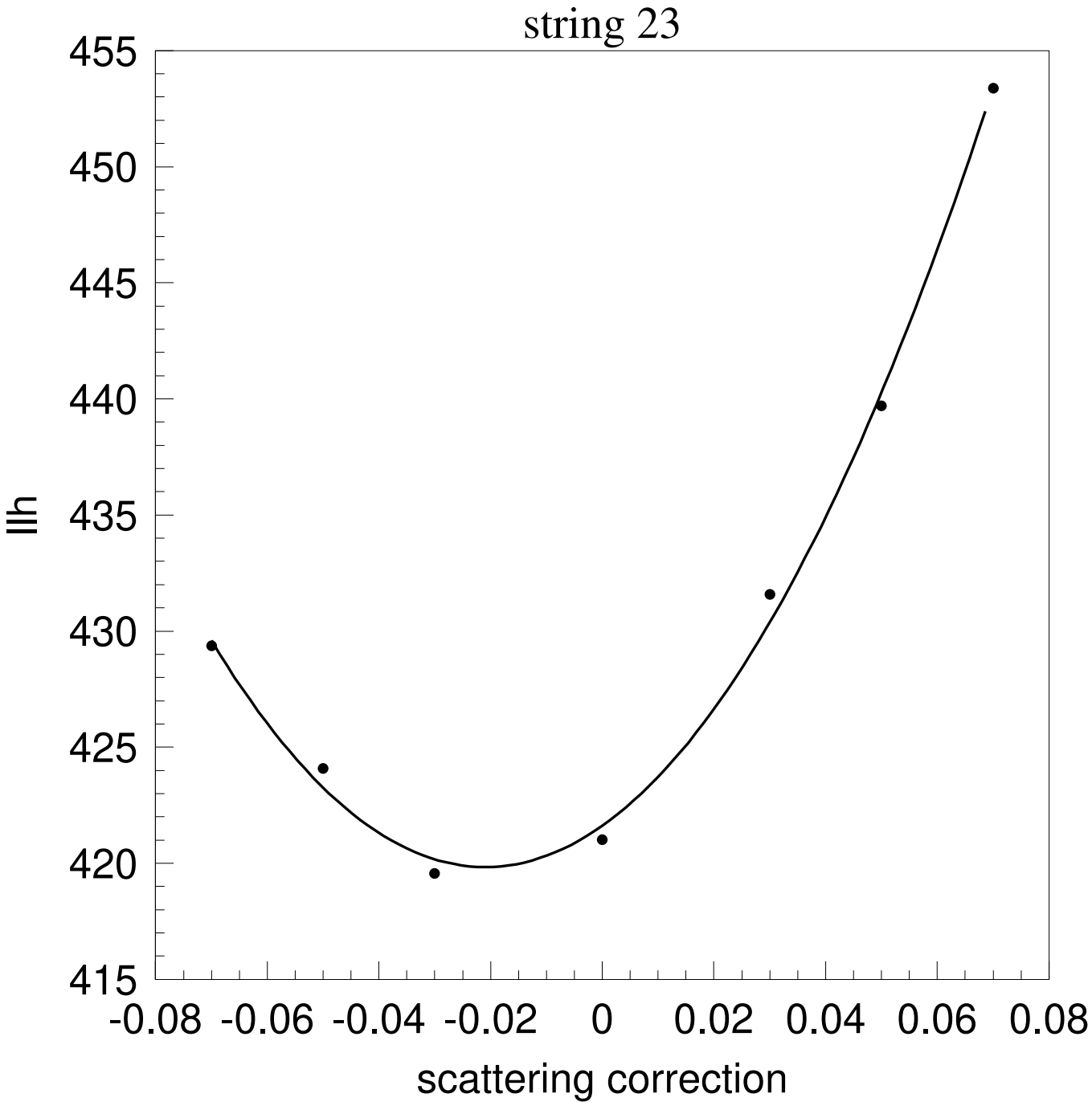

string 18
424
422
420
418
416
414
412
410
408
406
404
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

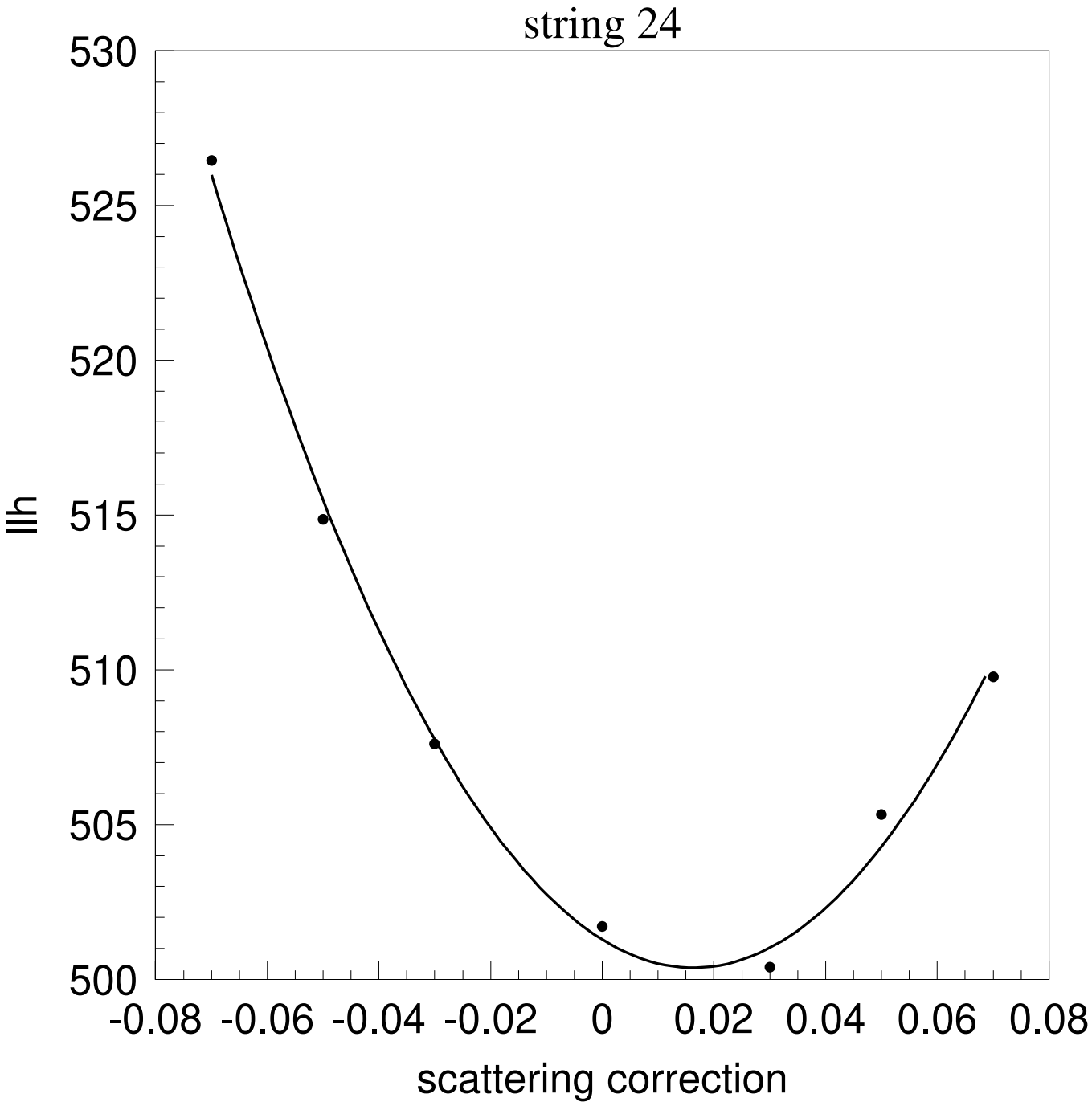

string 19
455
450
445
440
435
430
425
420
415
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

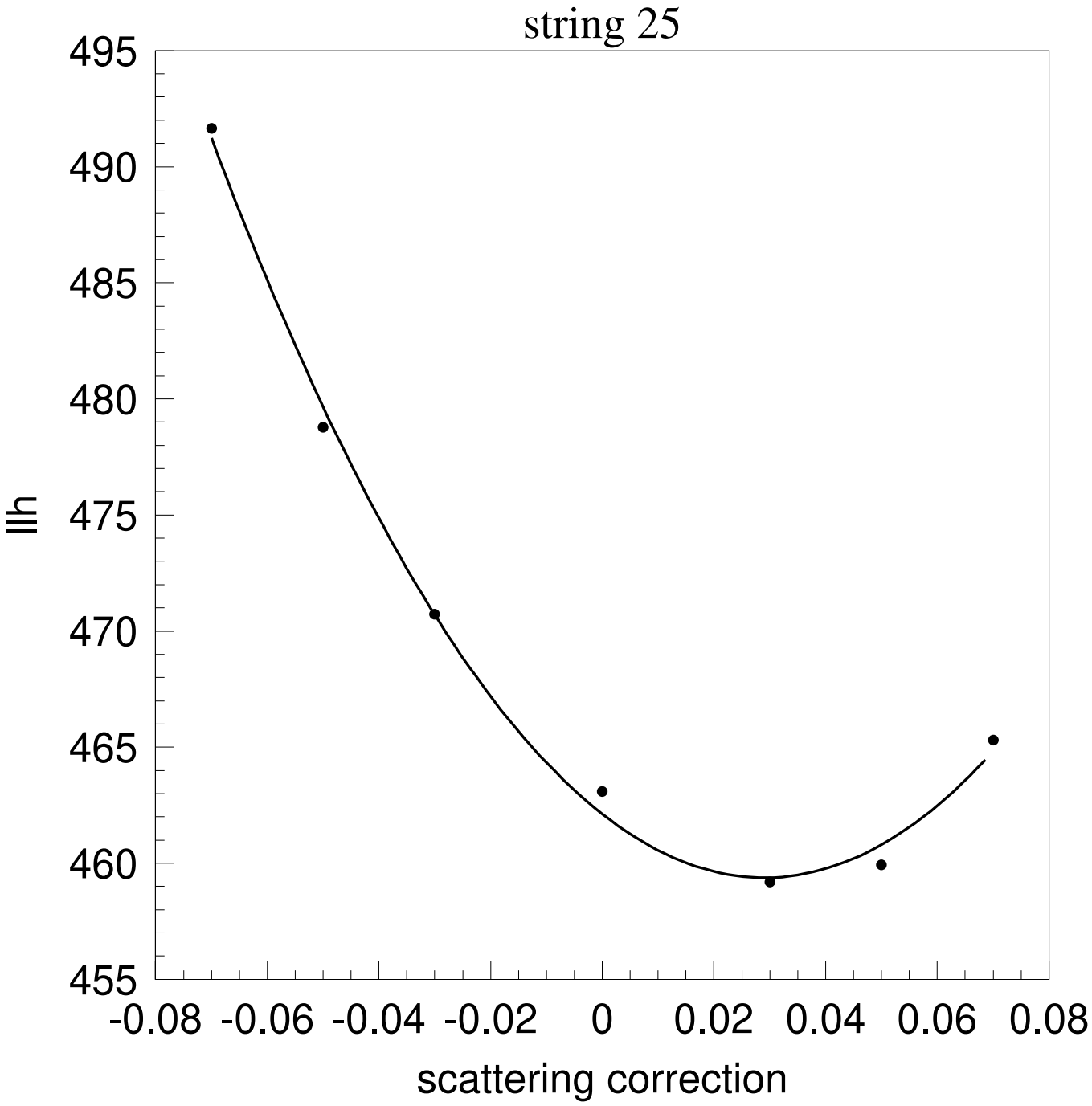

string 20
515
510
505
500
495
490
485
480
475
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

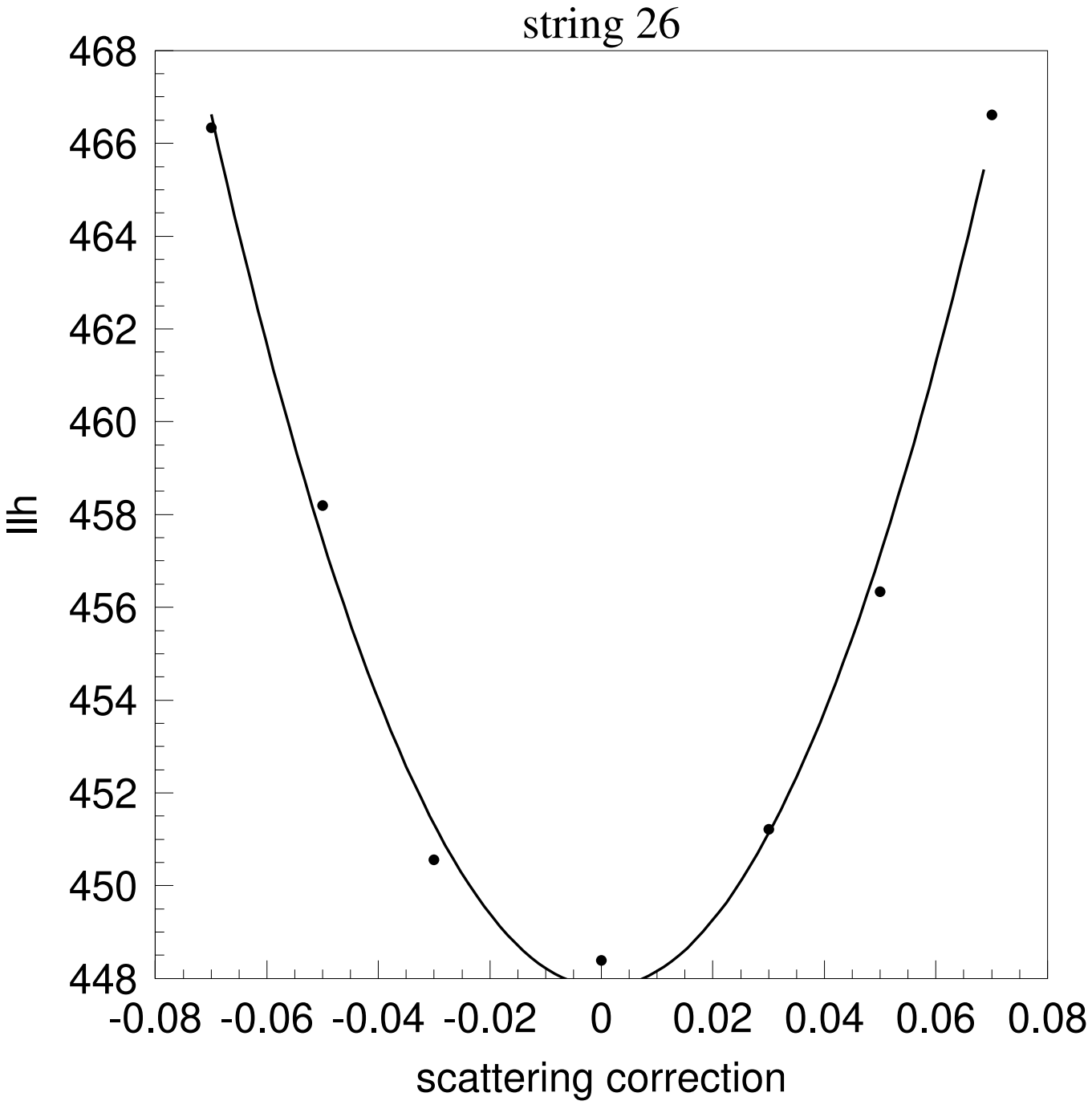

string 21
565
560
555
550
545
540
535
530
525
520
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

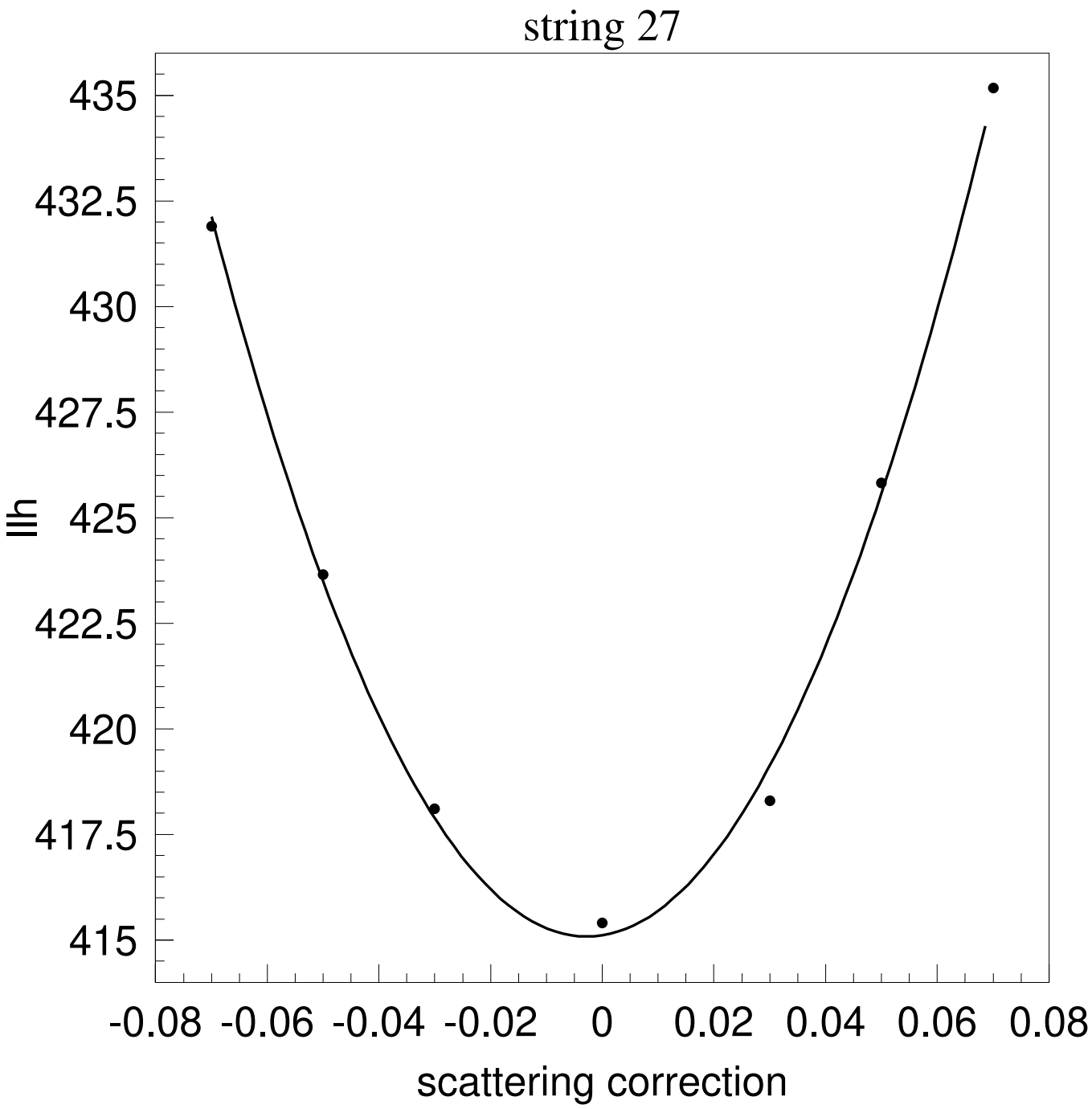

string 22
540
535
530
525
520
515
510
505
500
495
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

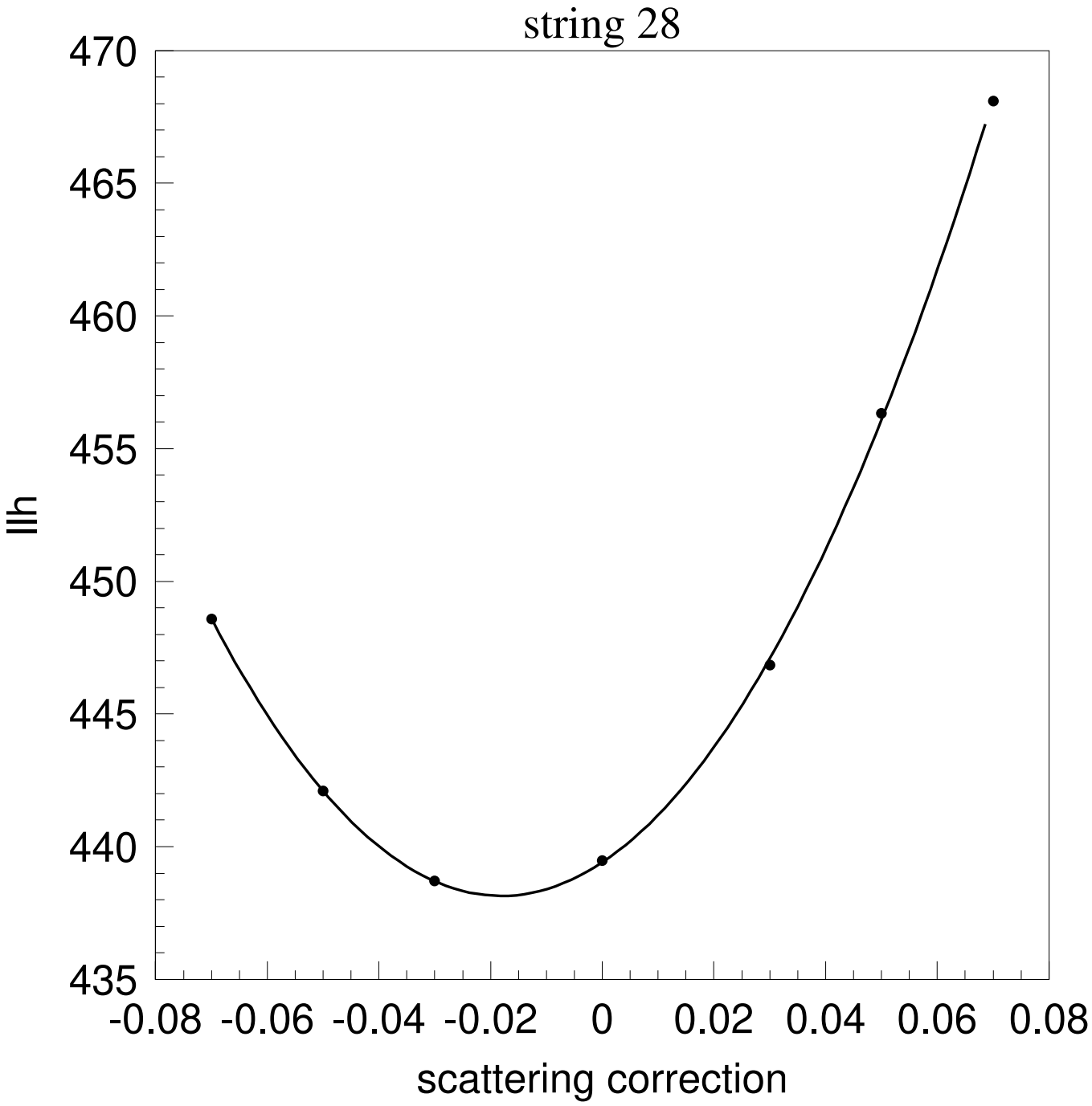

string 23
455
450
445
440
435
430
425
420
415
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

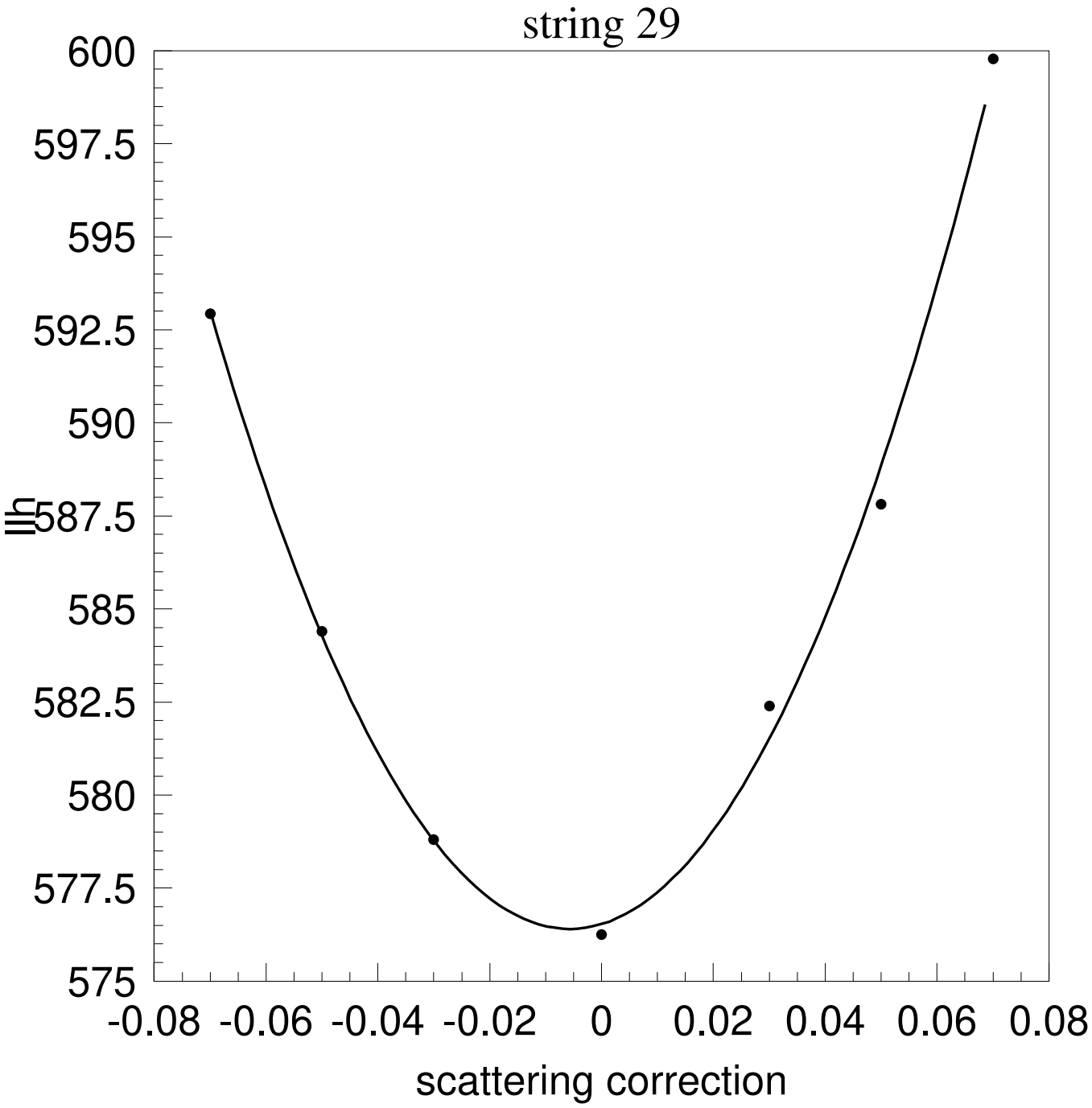

string 24
530
525
520
515
510
505
500
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

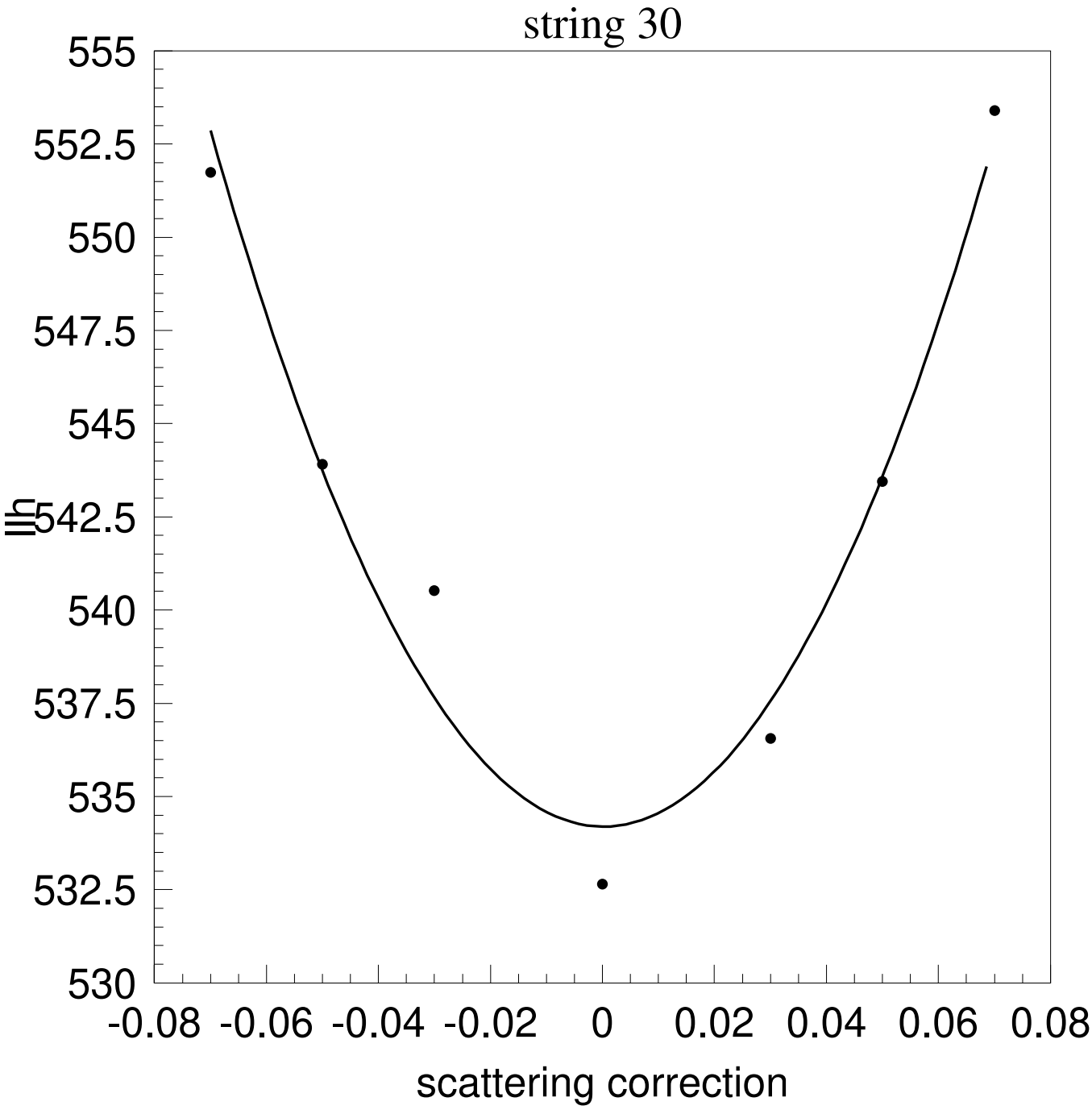

string 25
495
490
485
480
475
470
465
460
455
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

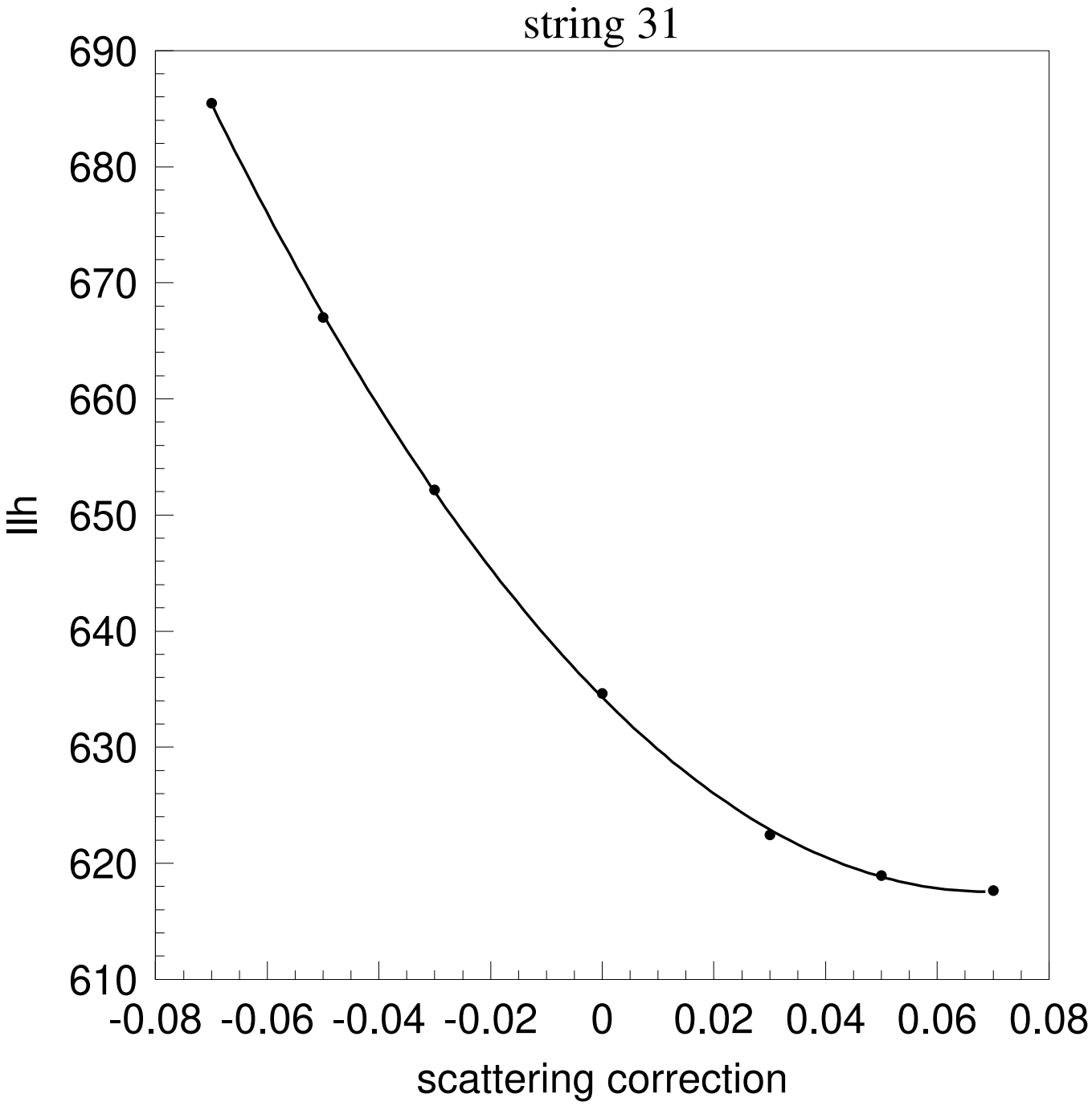

string 26
468
466
464
462
460
458
456
454
452
450
448
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

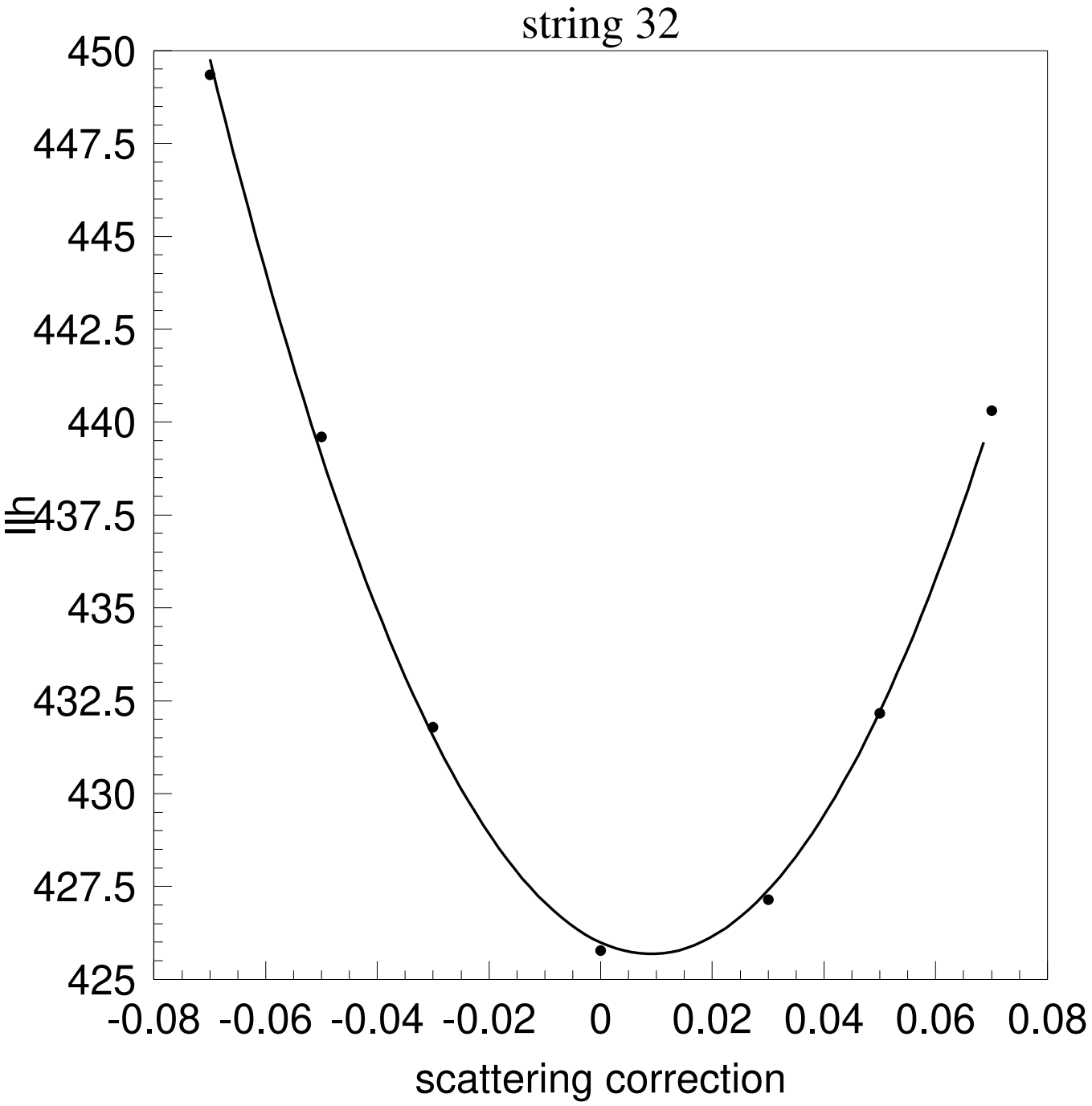

string 27
435
432.5
430
427.5
425
422.5
420
417.5
415
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

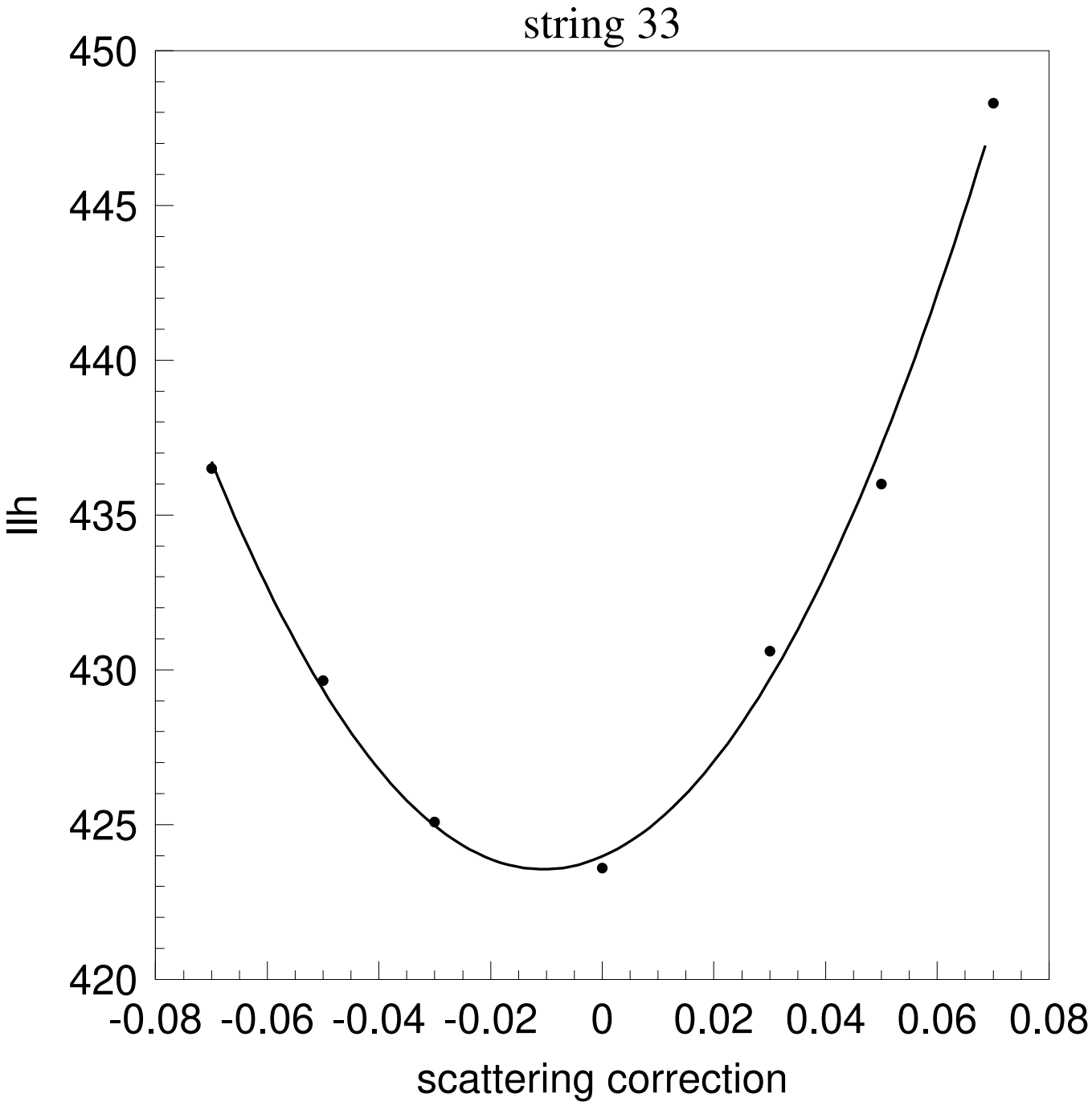

string 28
470
465
460
455
450
445
440
435
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

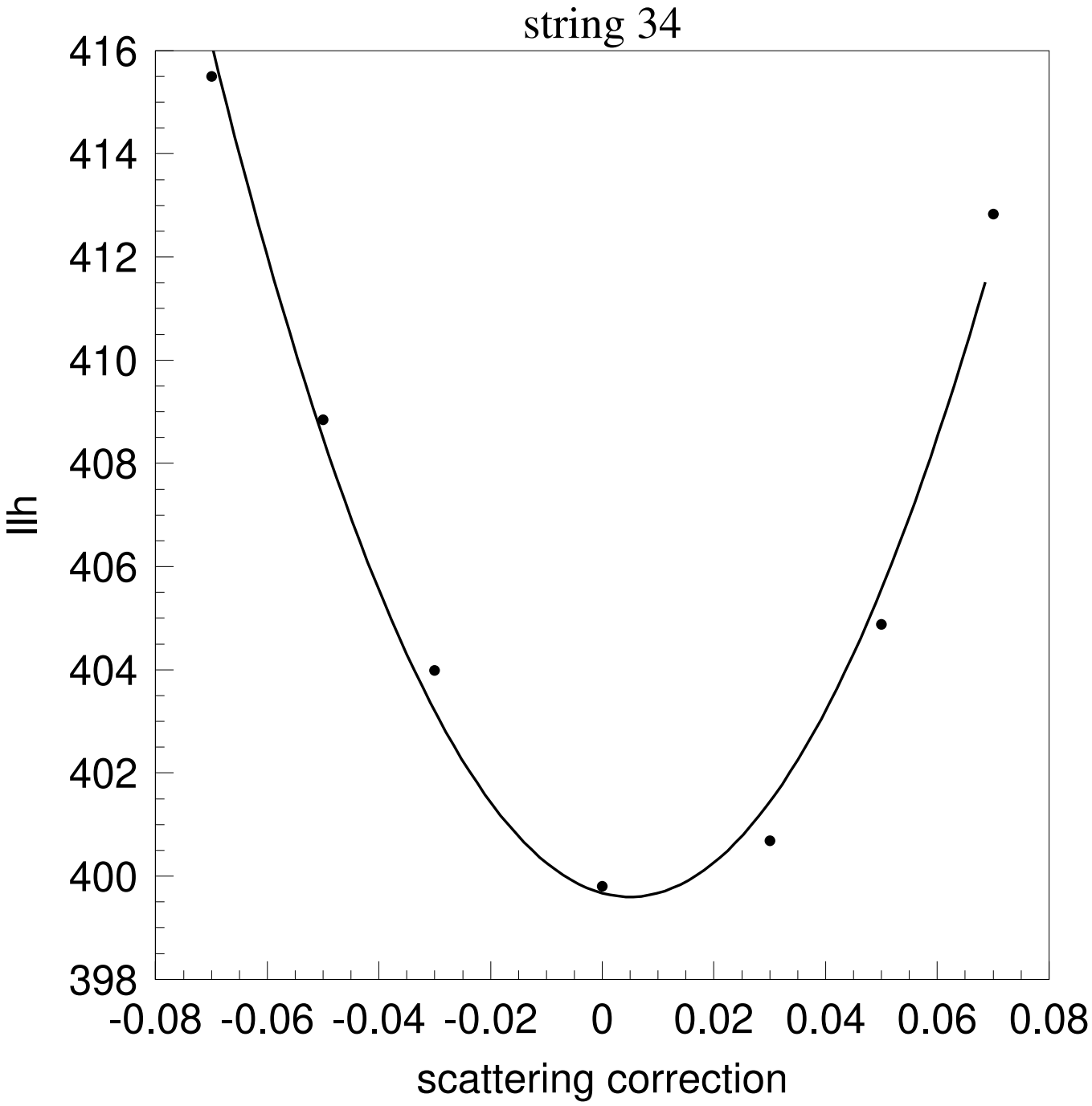

string 29
600
597.5
595
592.5
590
587.5
585
582.5
580
577.5
575
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

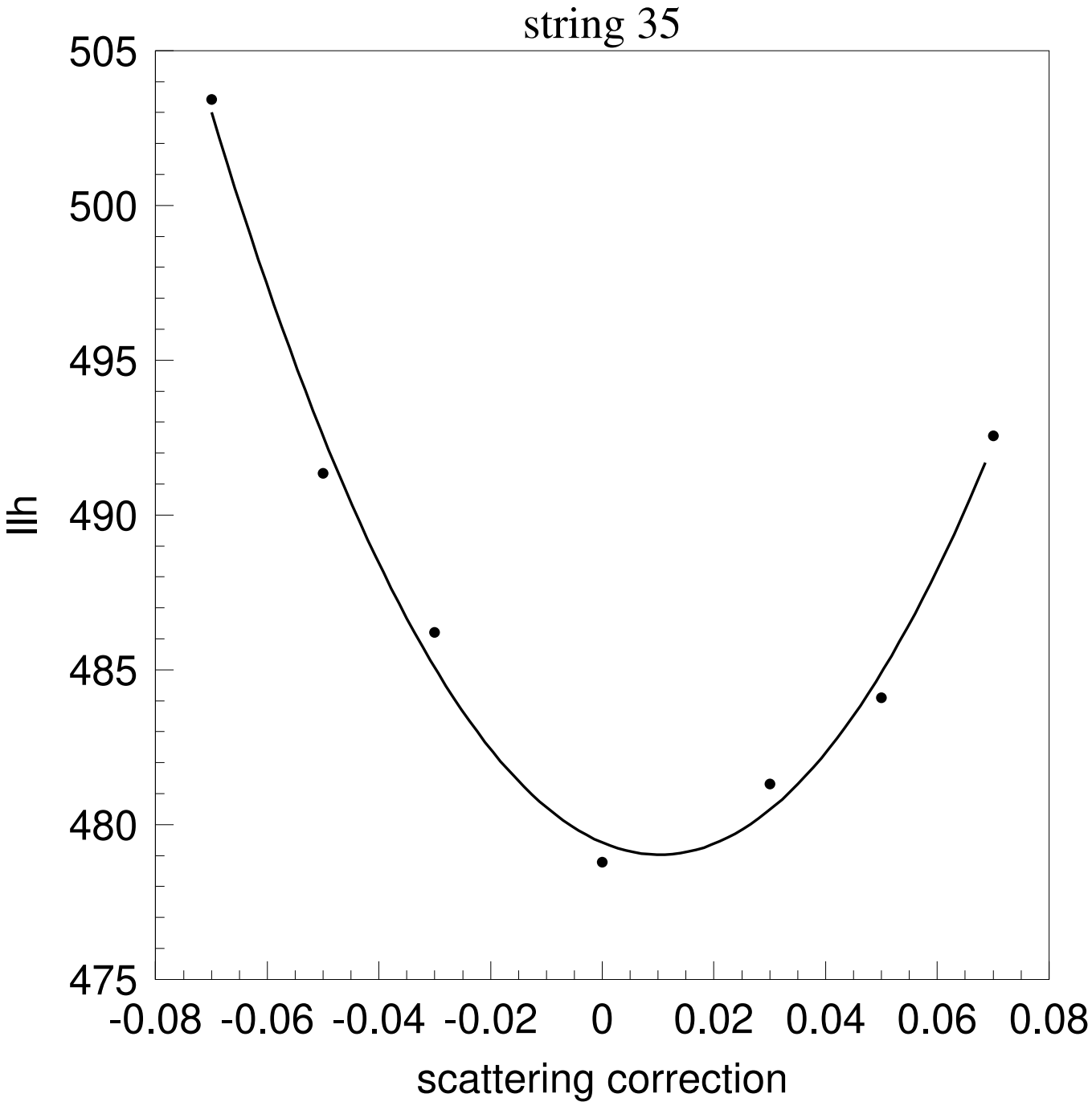

string 30
555
552.5
550
547.5
545
542.5
540
537.5
535
532.5
530
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

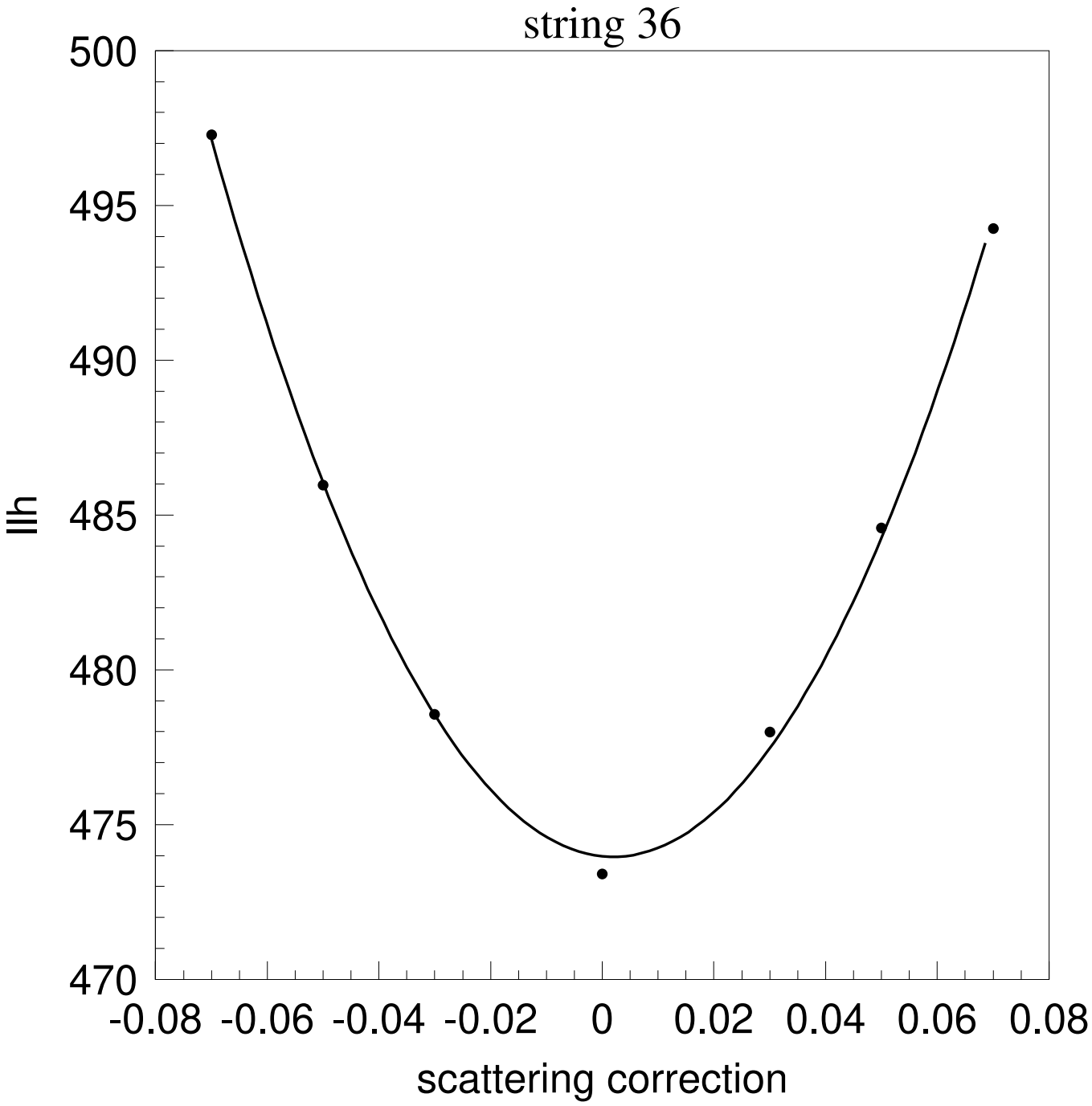

string 31
690
680
670
660
650
640
630
620
610
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

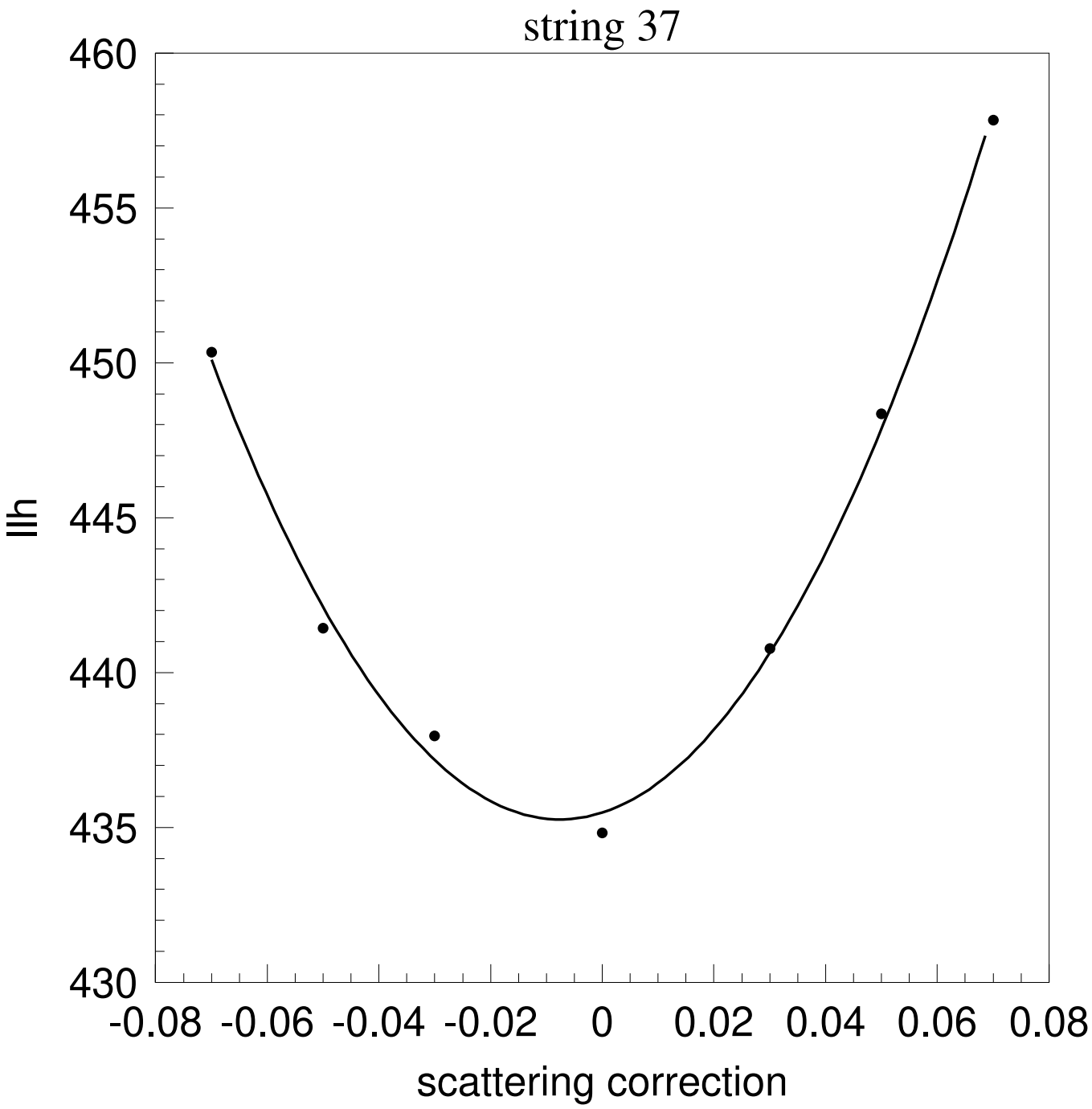

string 32
450
447.5
445
442.5
440
437.5
435
432.5
430
427.5
425
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

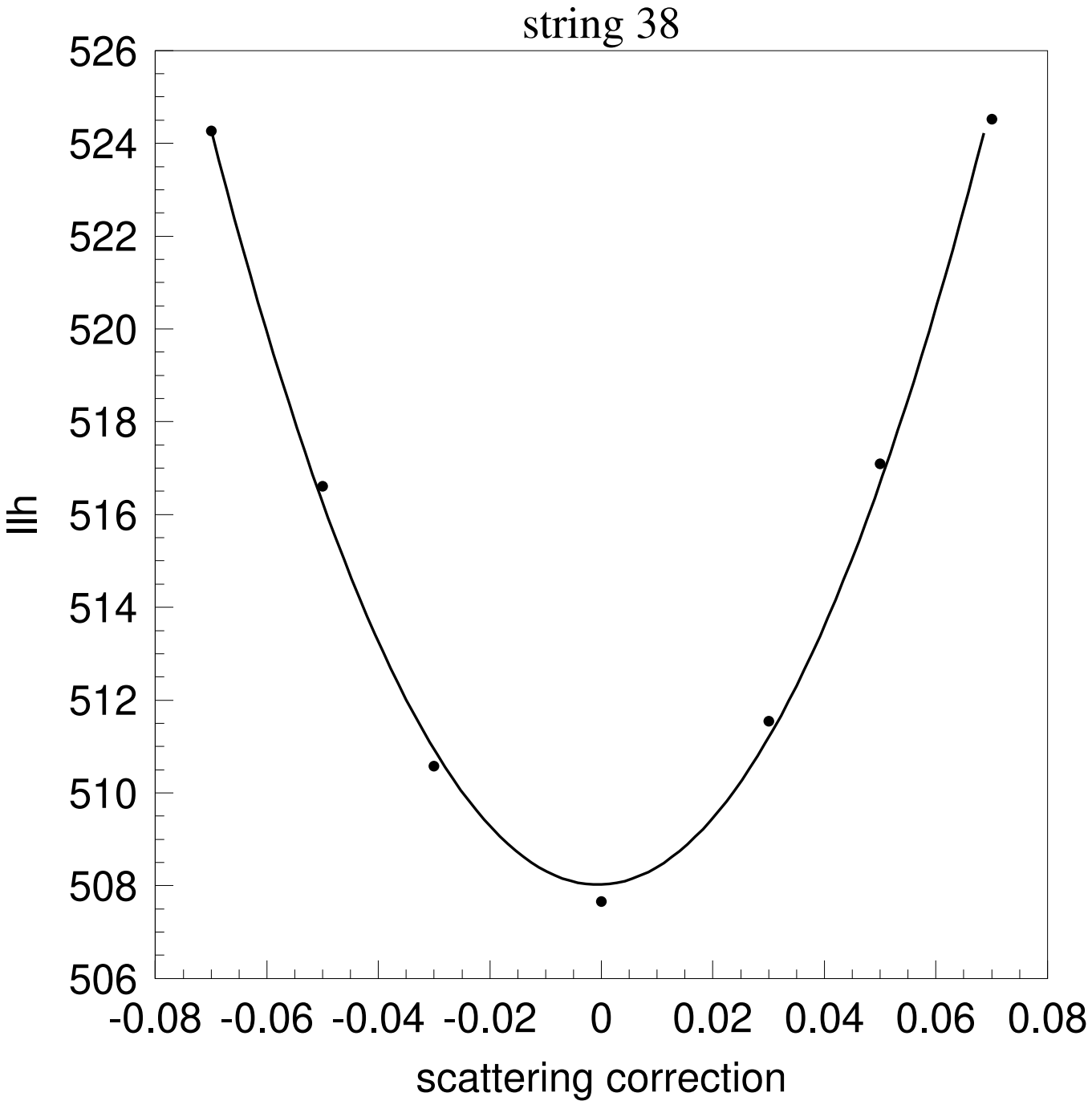

string 33
450
445
440
435
430
425
420
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

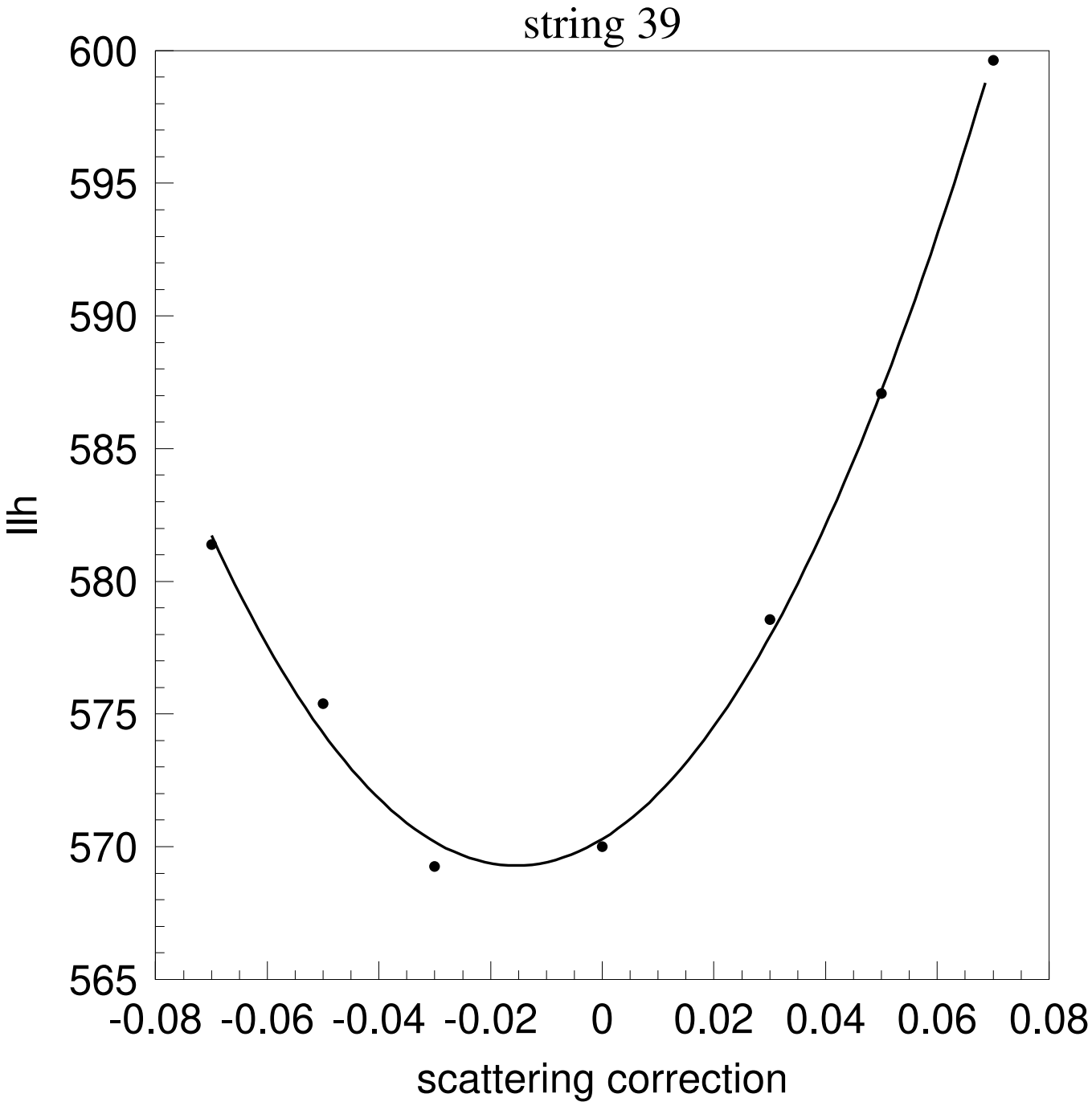

string 34
416
414
412
410
408
406
404
402
400
398
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

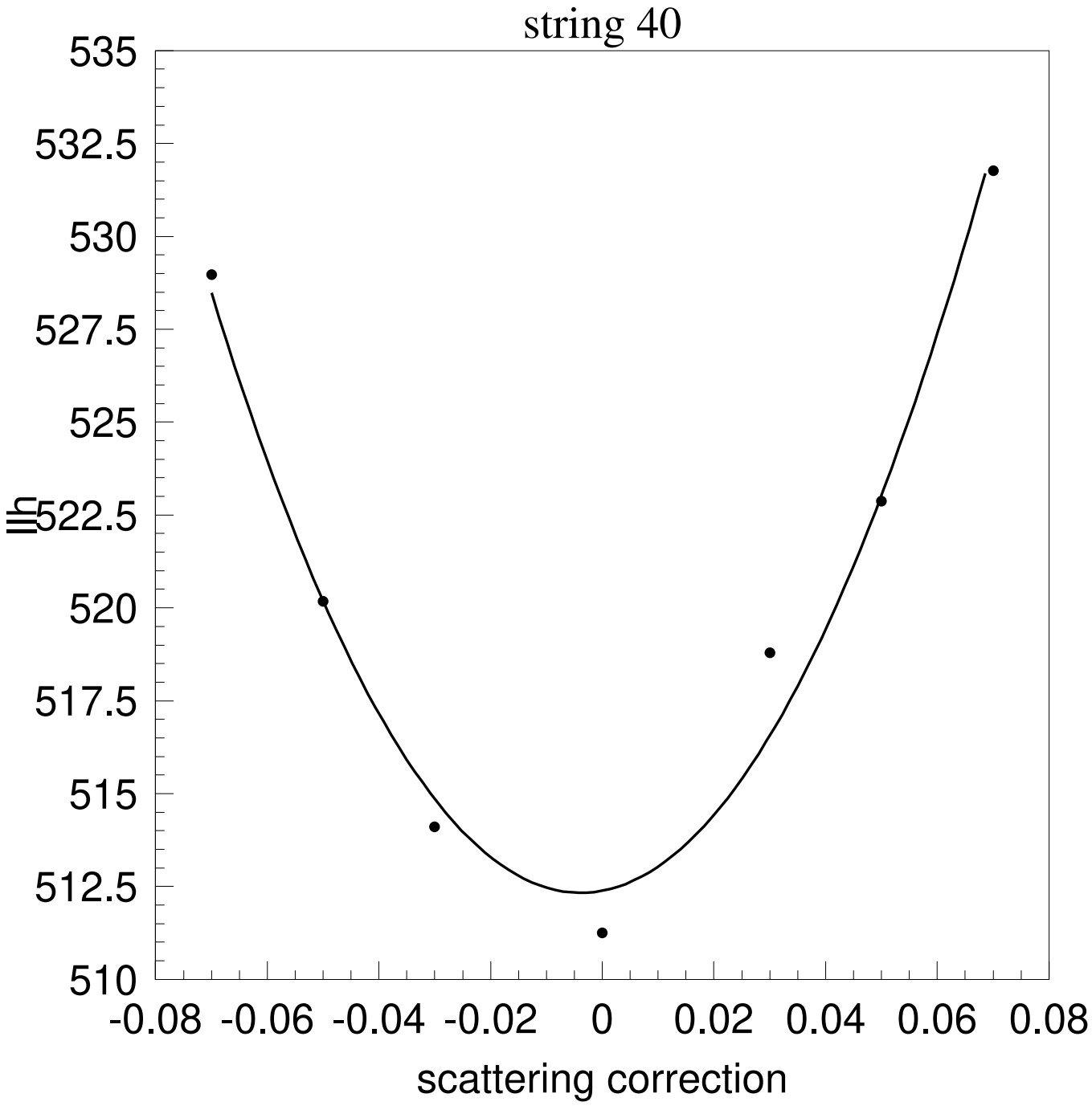

string 35
505
500
495
490
485
480
475
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

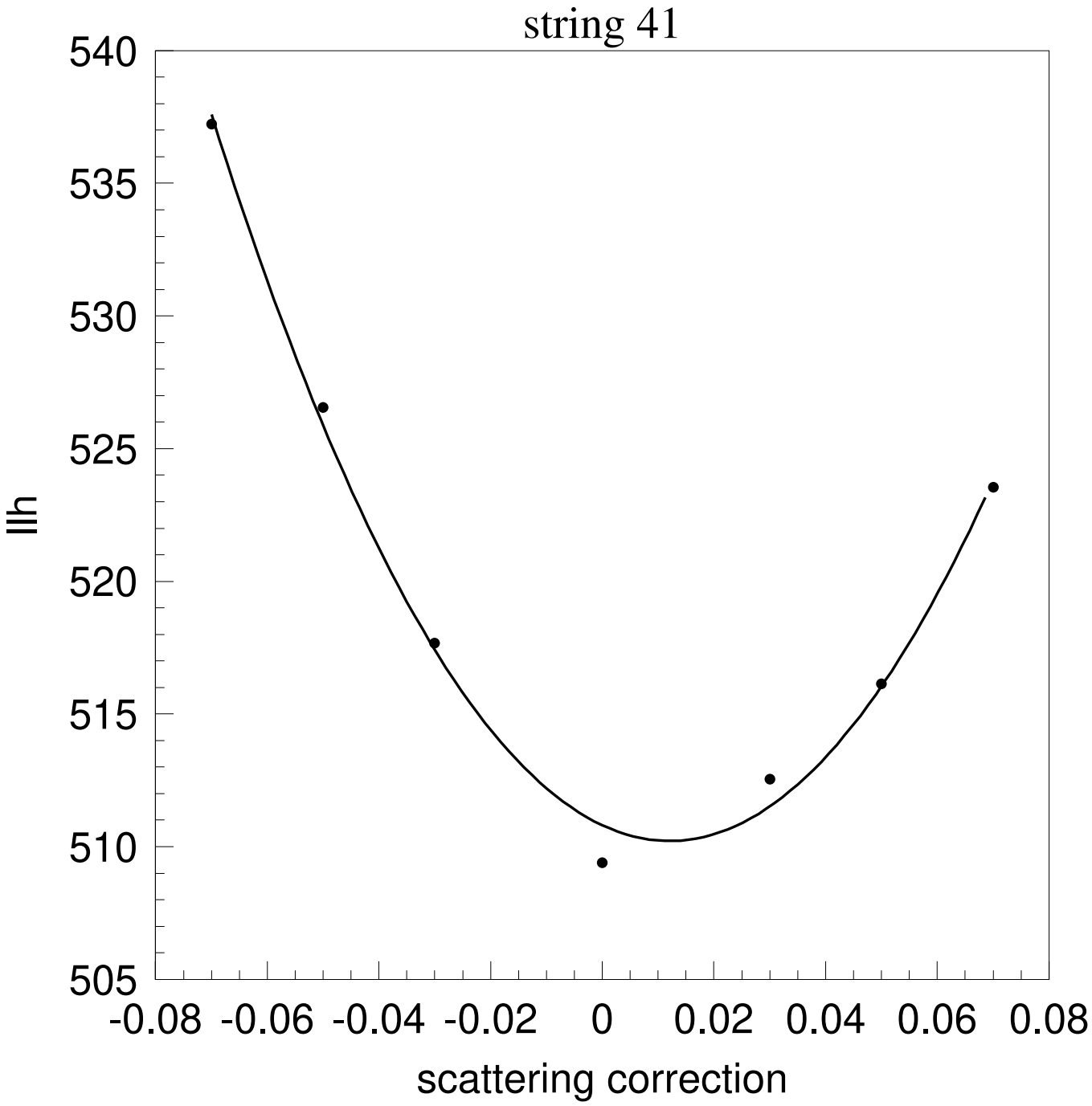

string 36
500
495
490
485
480
475
470
lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

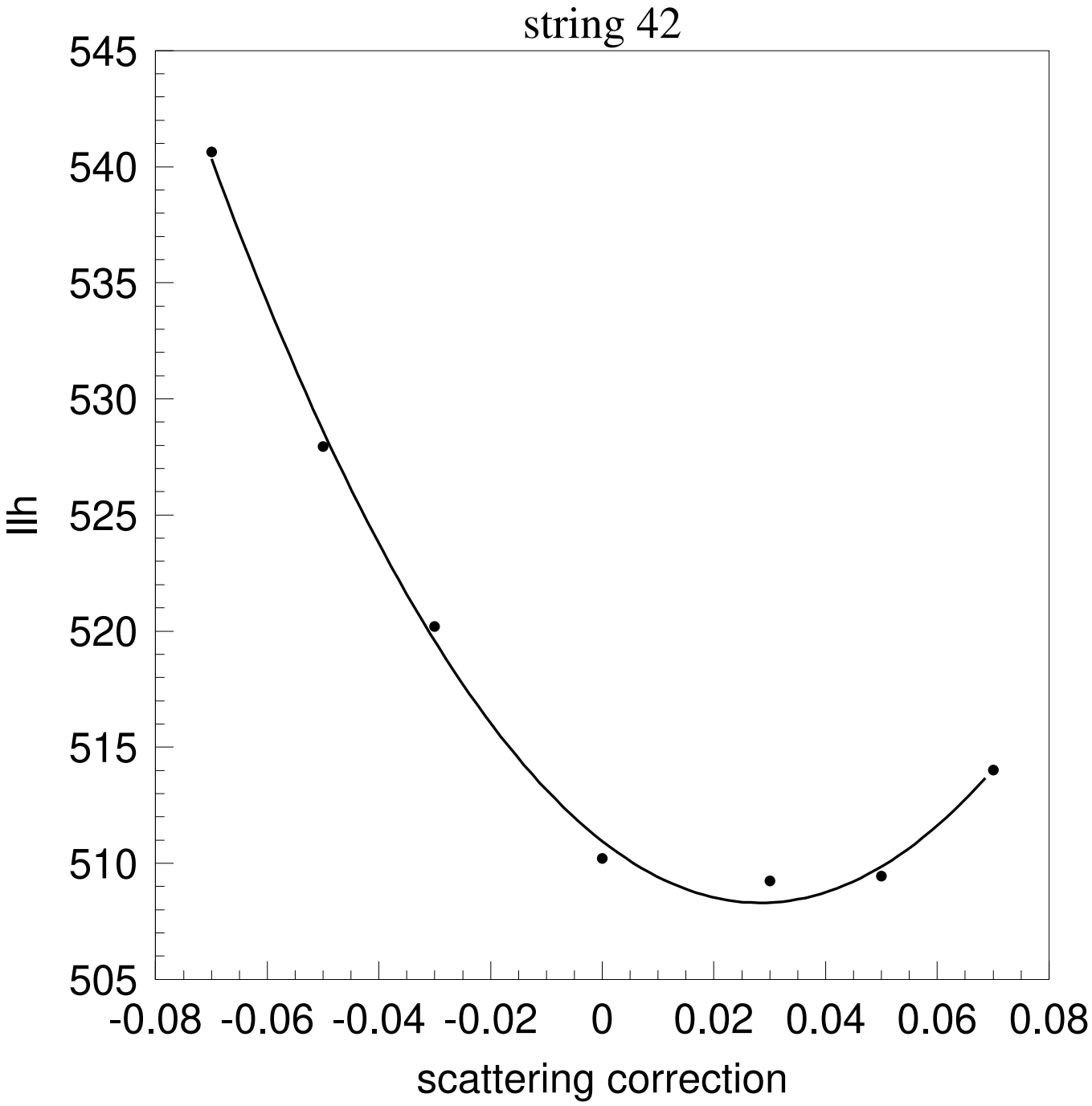

string 37
460
455
450
445
440
435
430
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

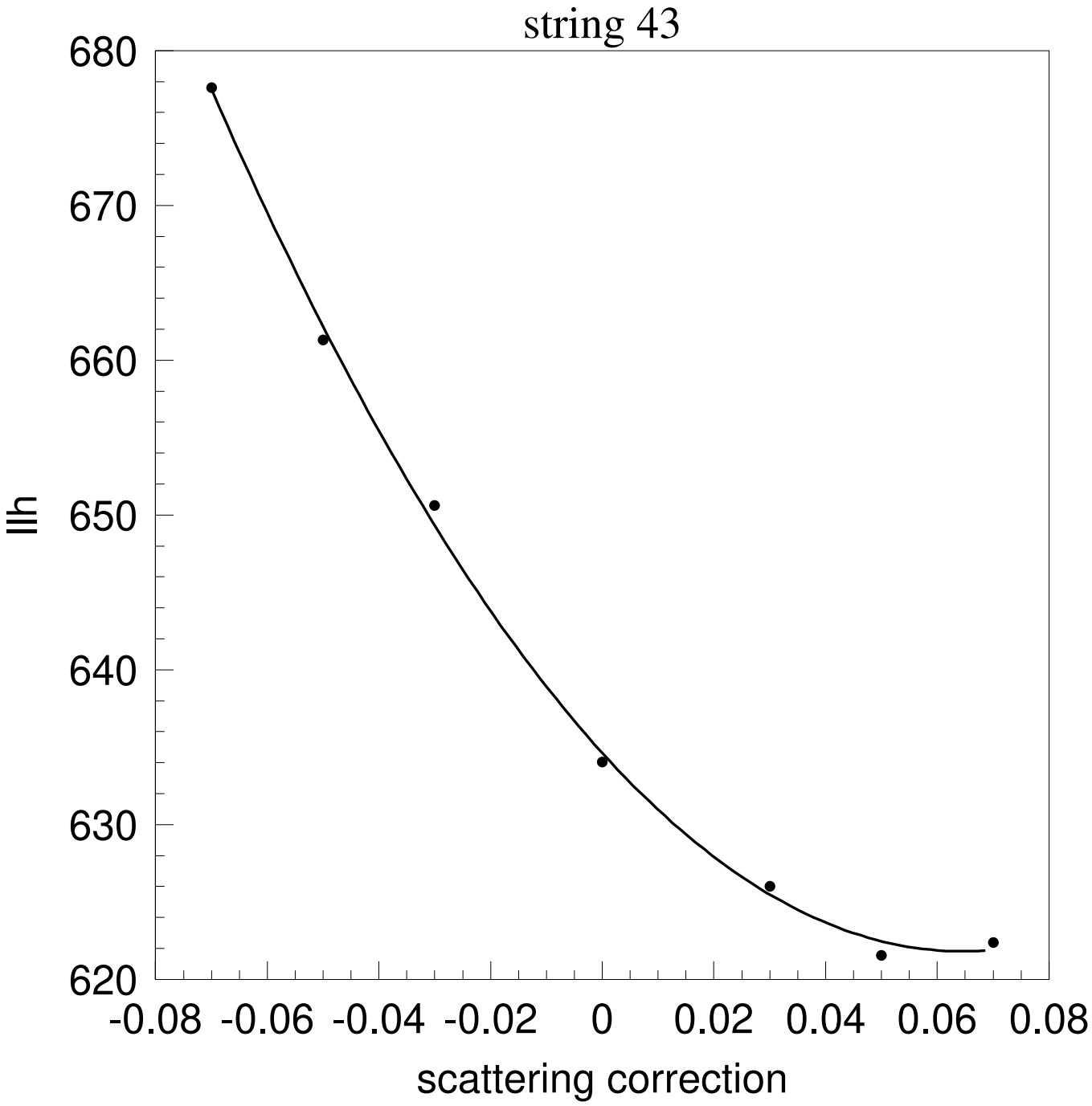

string 38
526
524
522
520
518
516
514
512
510
508
506
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

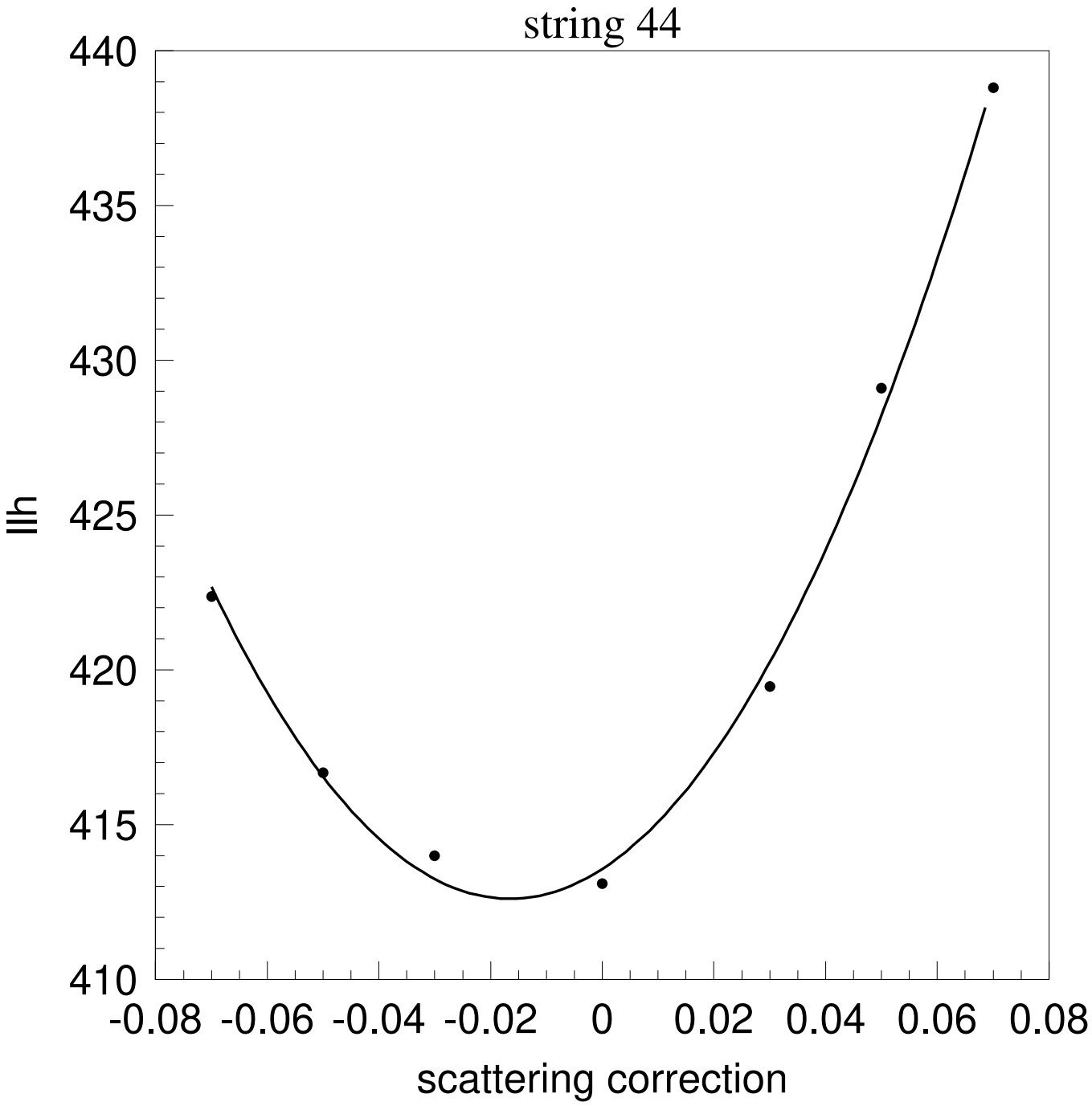

string 39
600
595
590
585
580
575
570
565
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

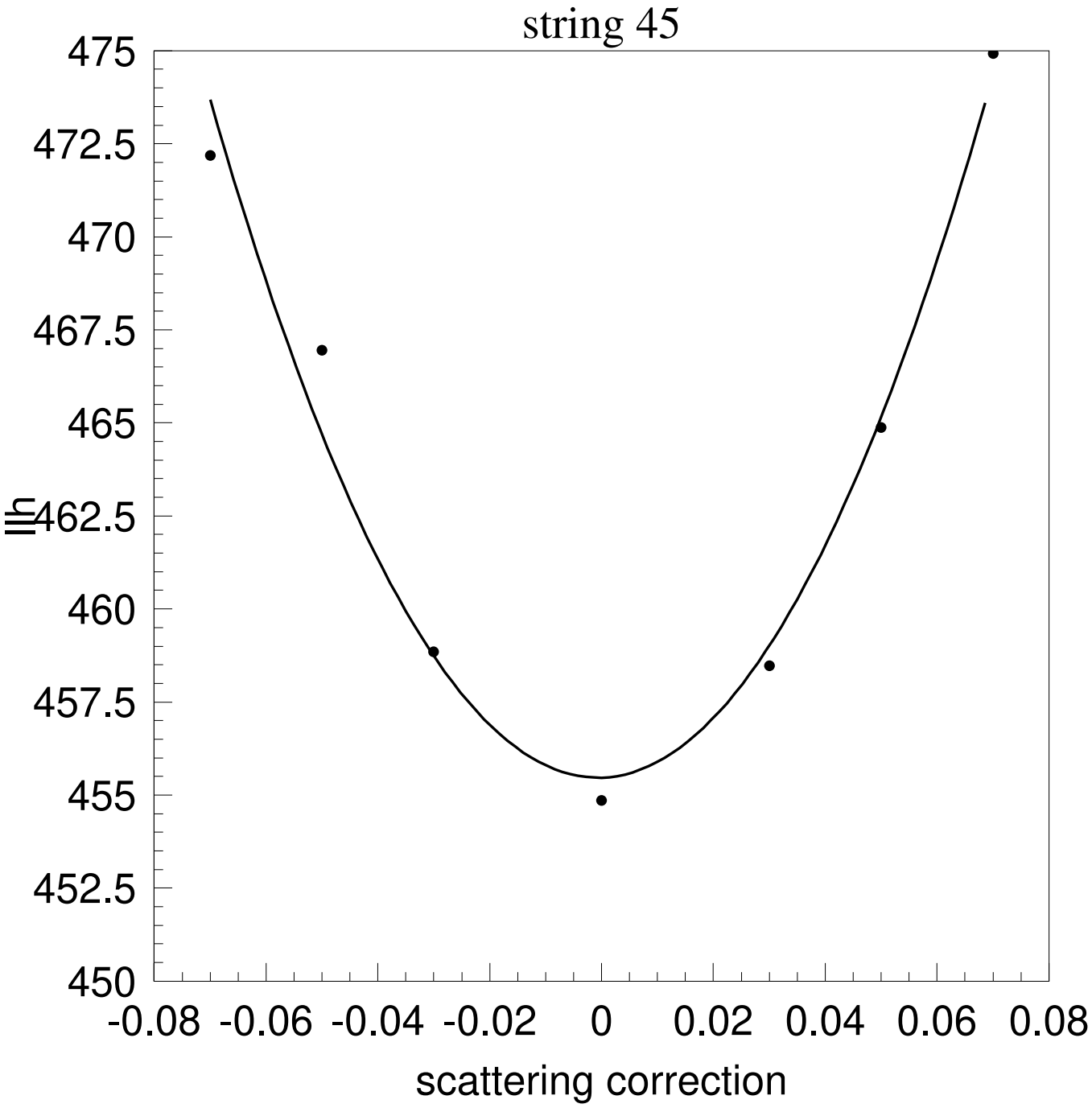

string 40
535
532.5
530
527.5
525
522.5
520
517.5
515
512.5
510
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

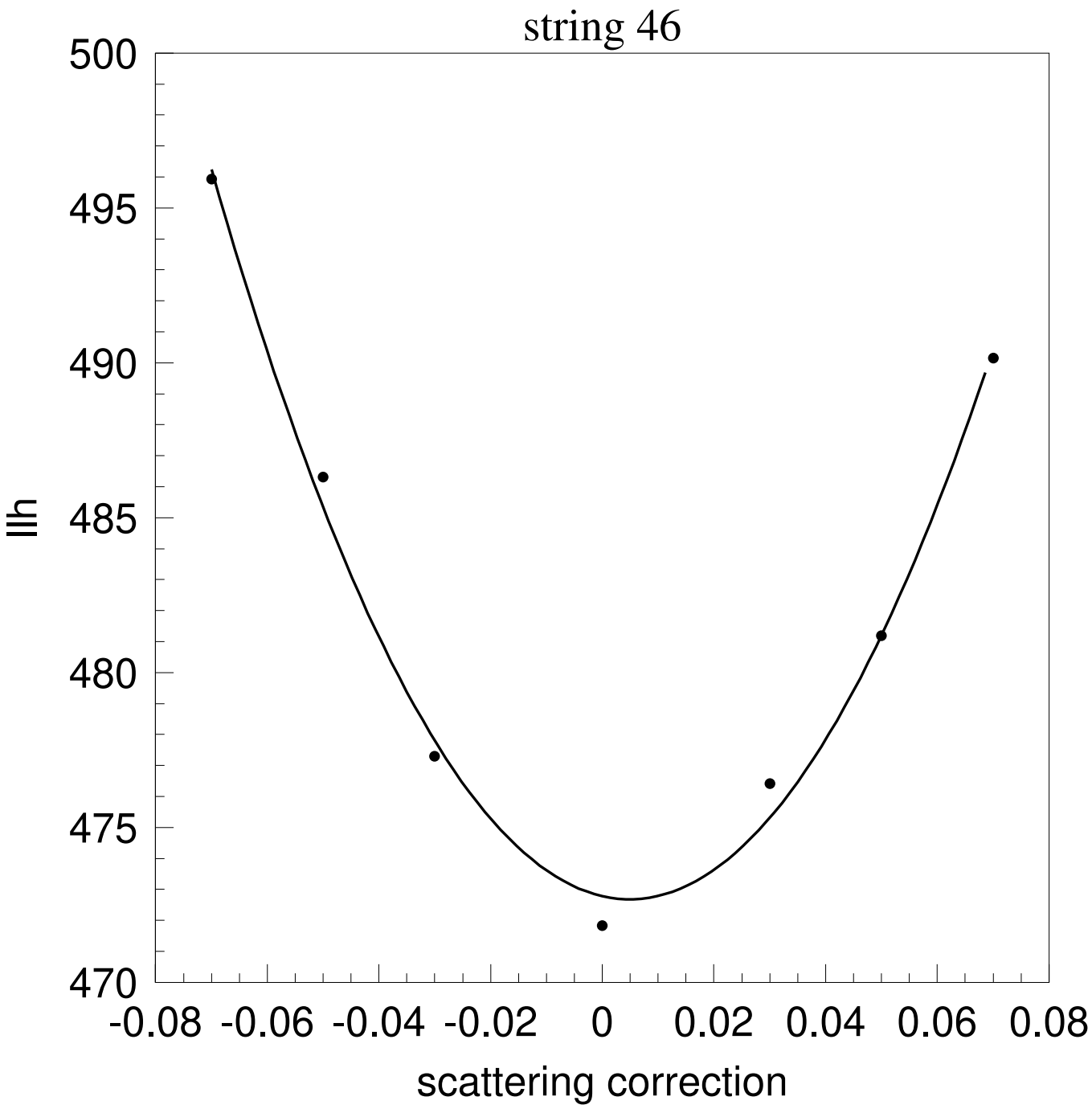

string 41
540
535
530
525
520
515
510
505
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

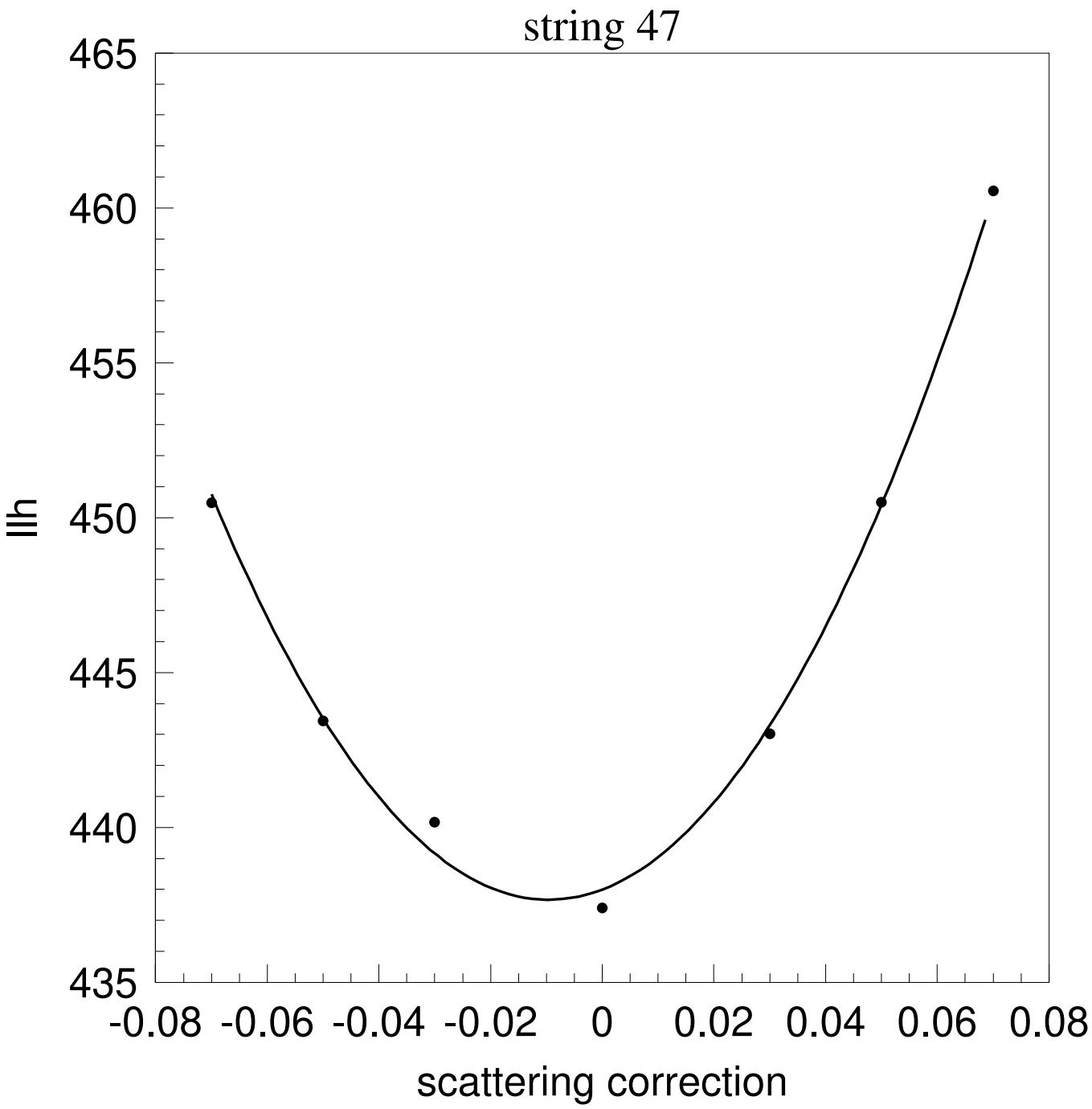

string 42
545
540
535
530
525
520
515
510
505
-ln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

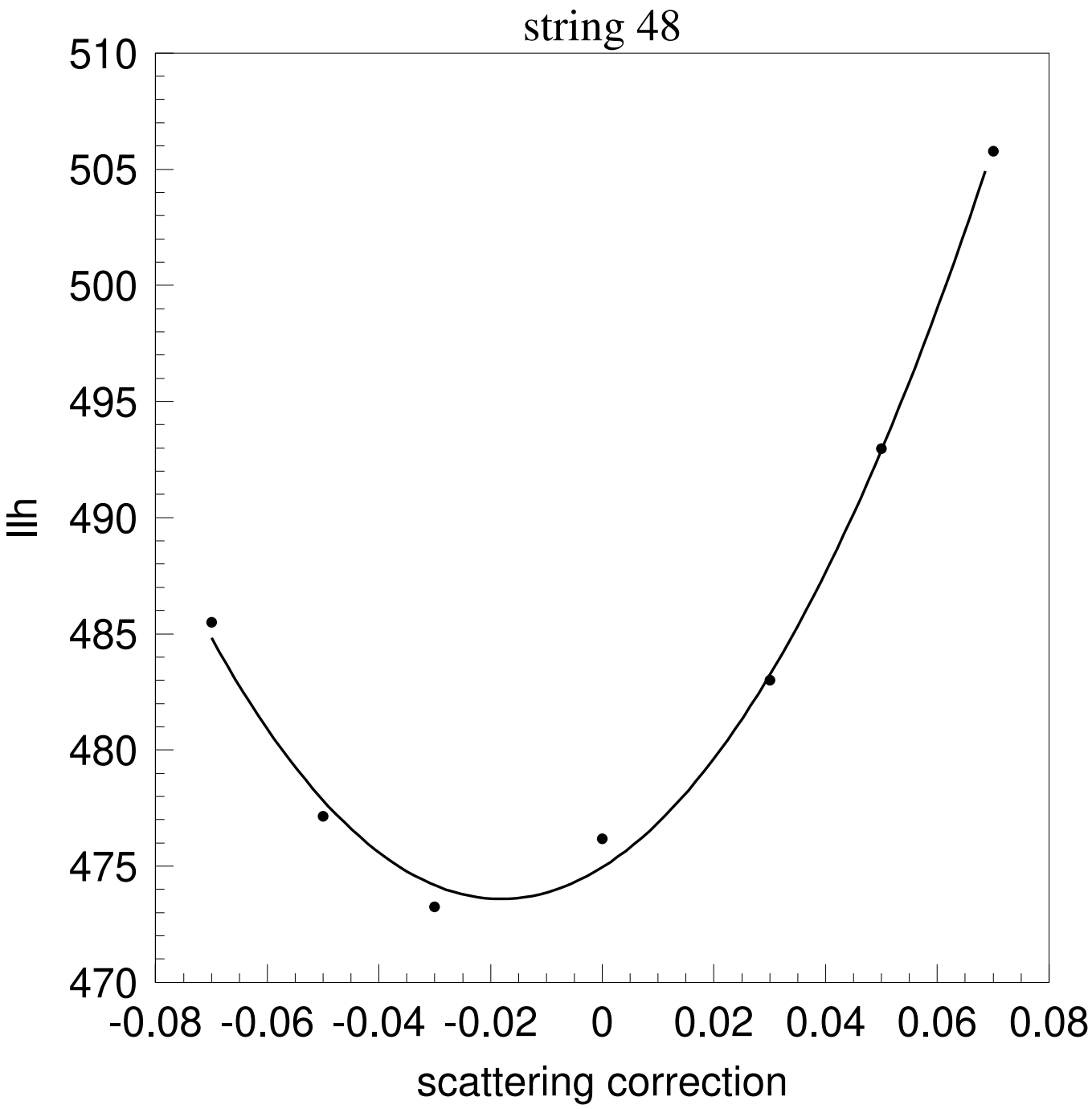

string 43
680
670
660
650
640
630
620
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

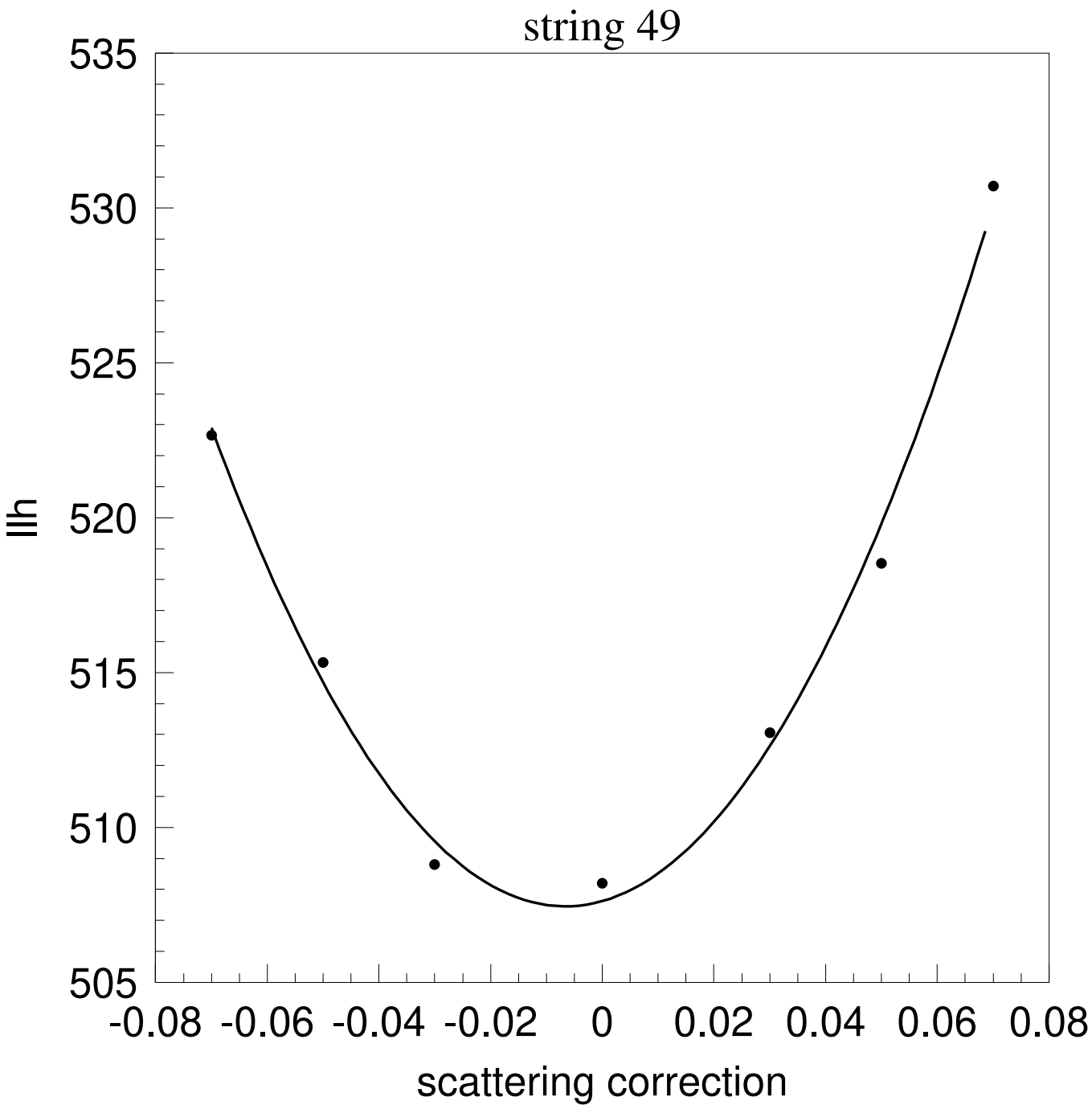

string 44
440
435
430
425
420
415
410
lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

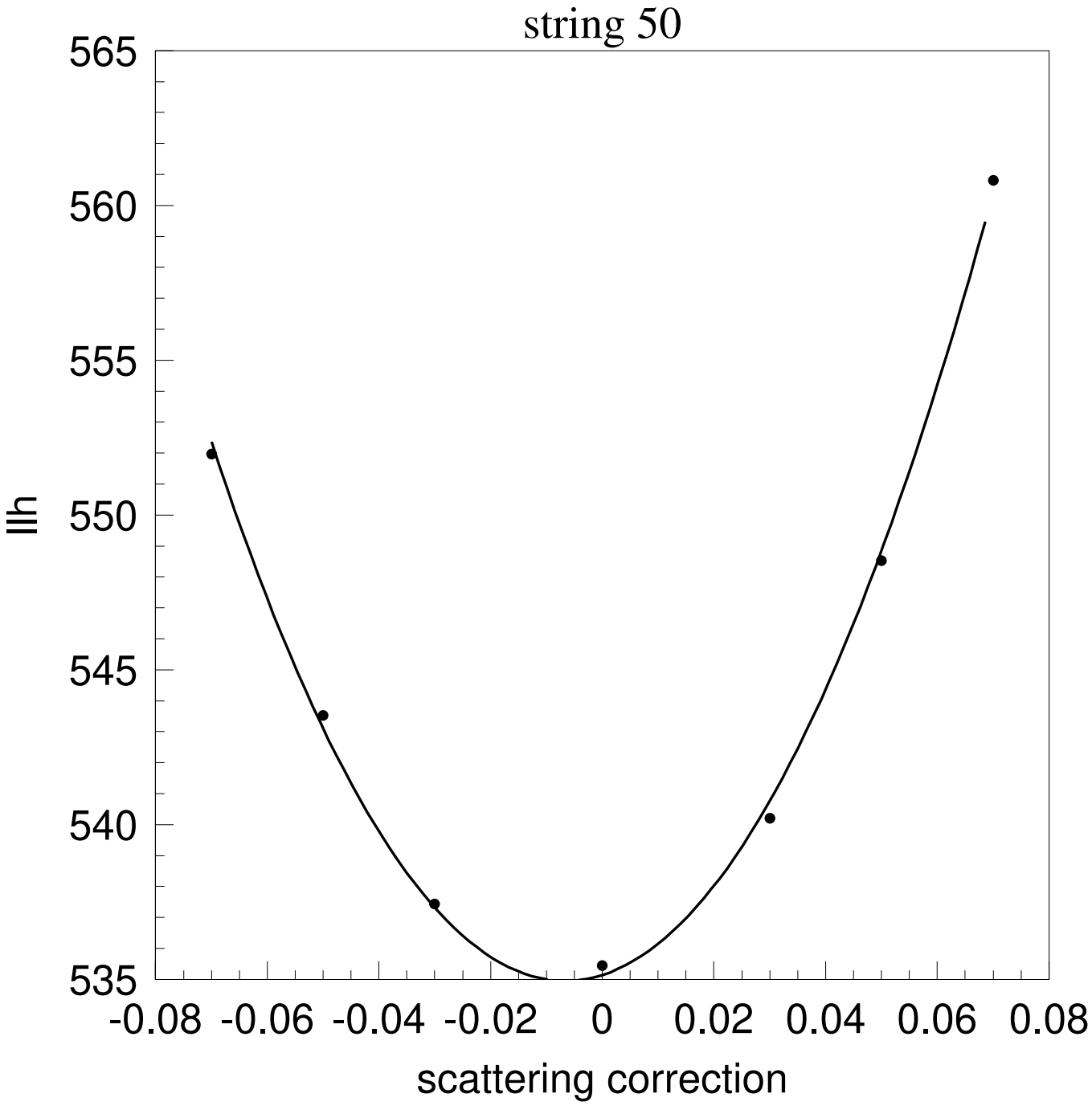

string 45
475
472.5
470
467.5
465
462.5
460
457.5
455
452.5
450
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

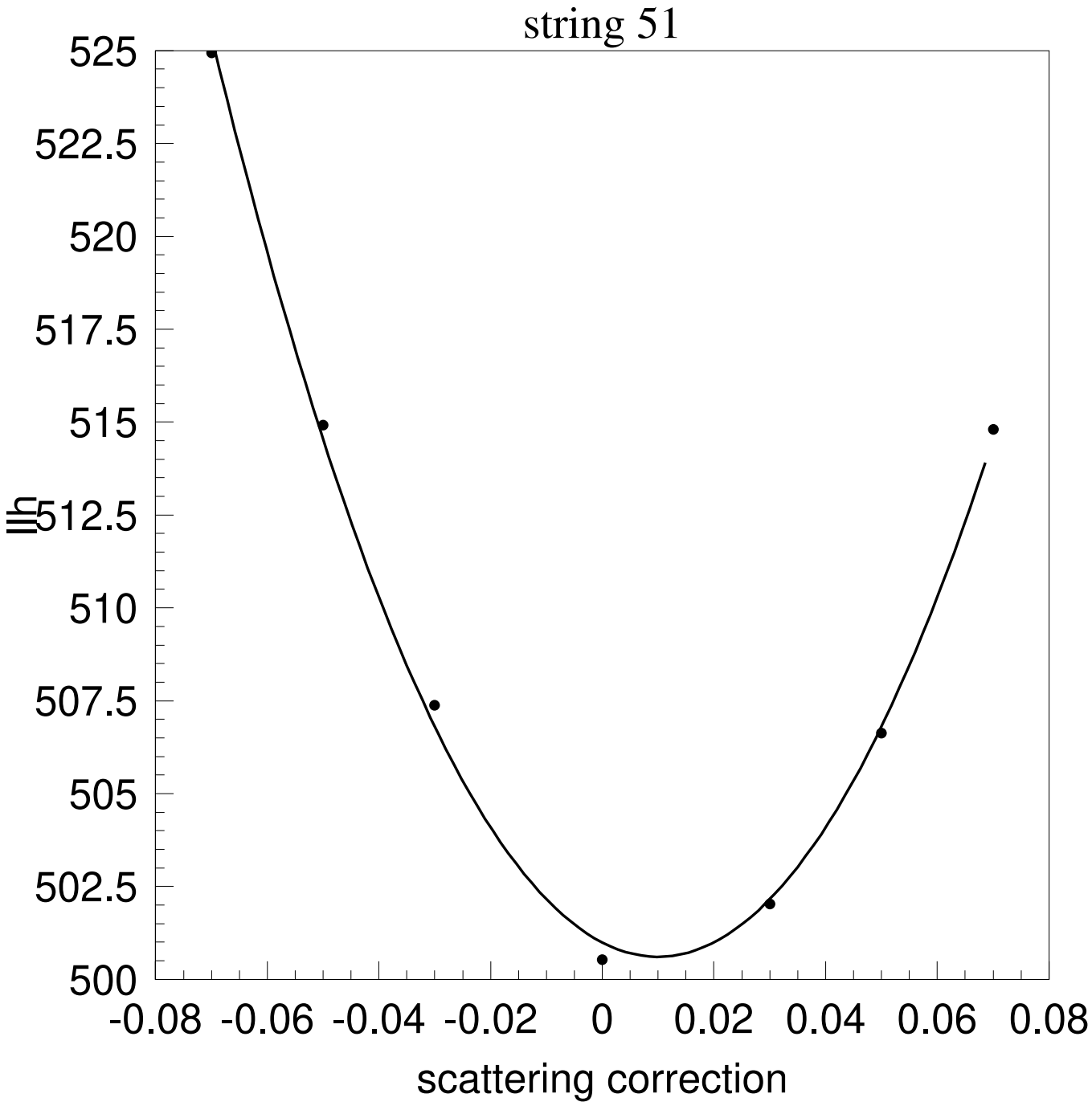

string 46
500
495
490
485
480
475
470
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

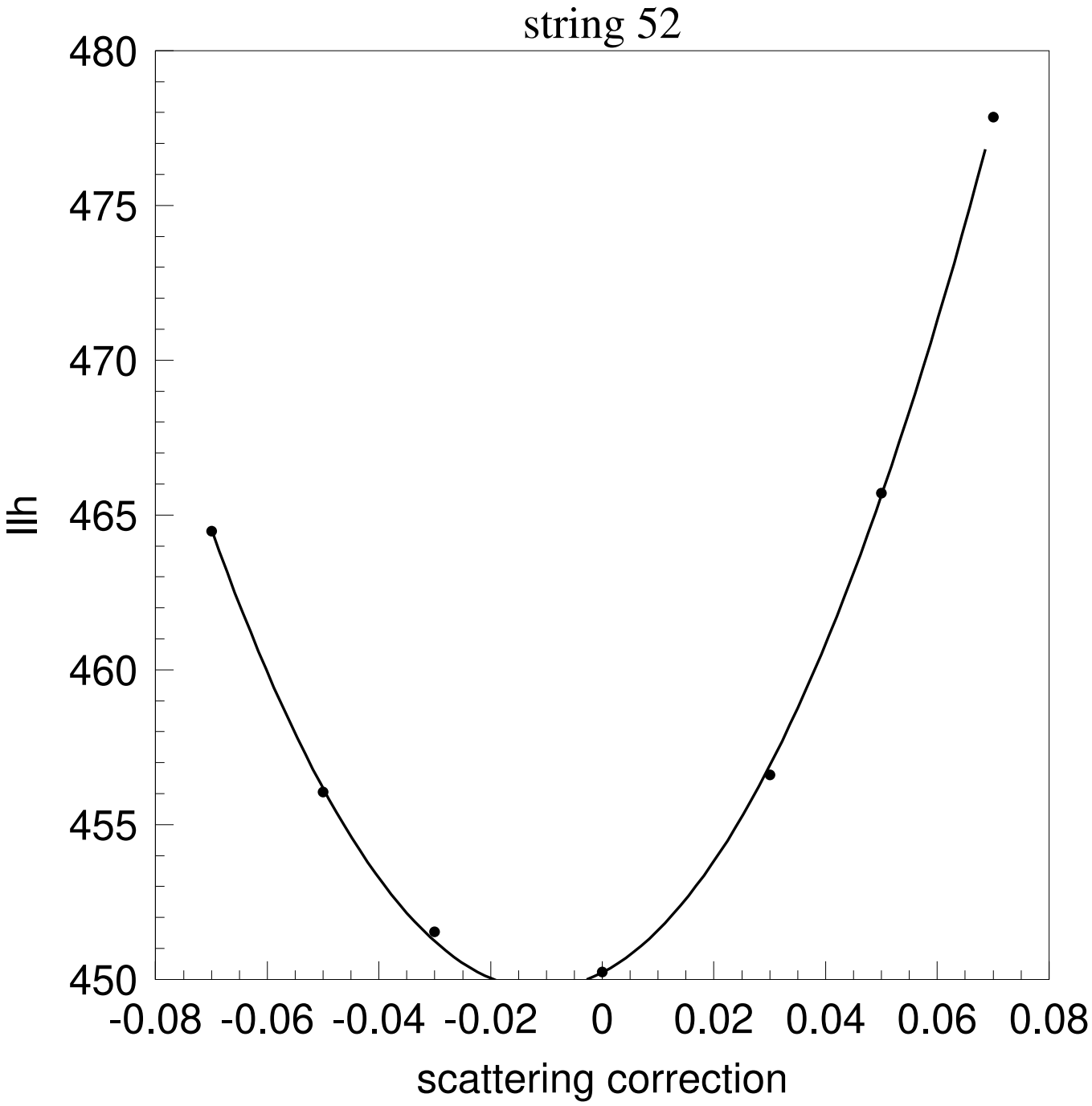

string 47
465
460
455
450
445
440
435
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

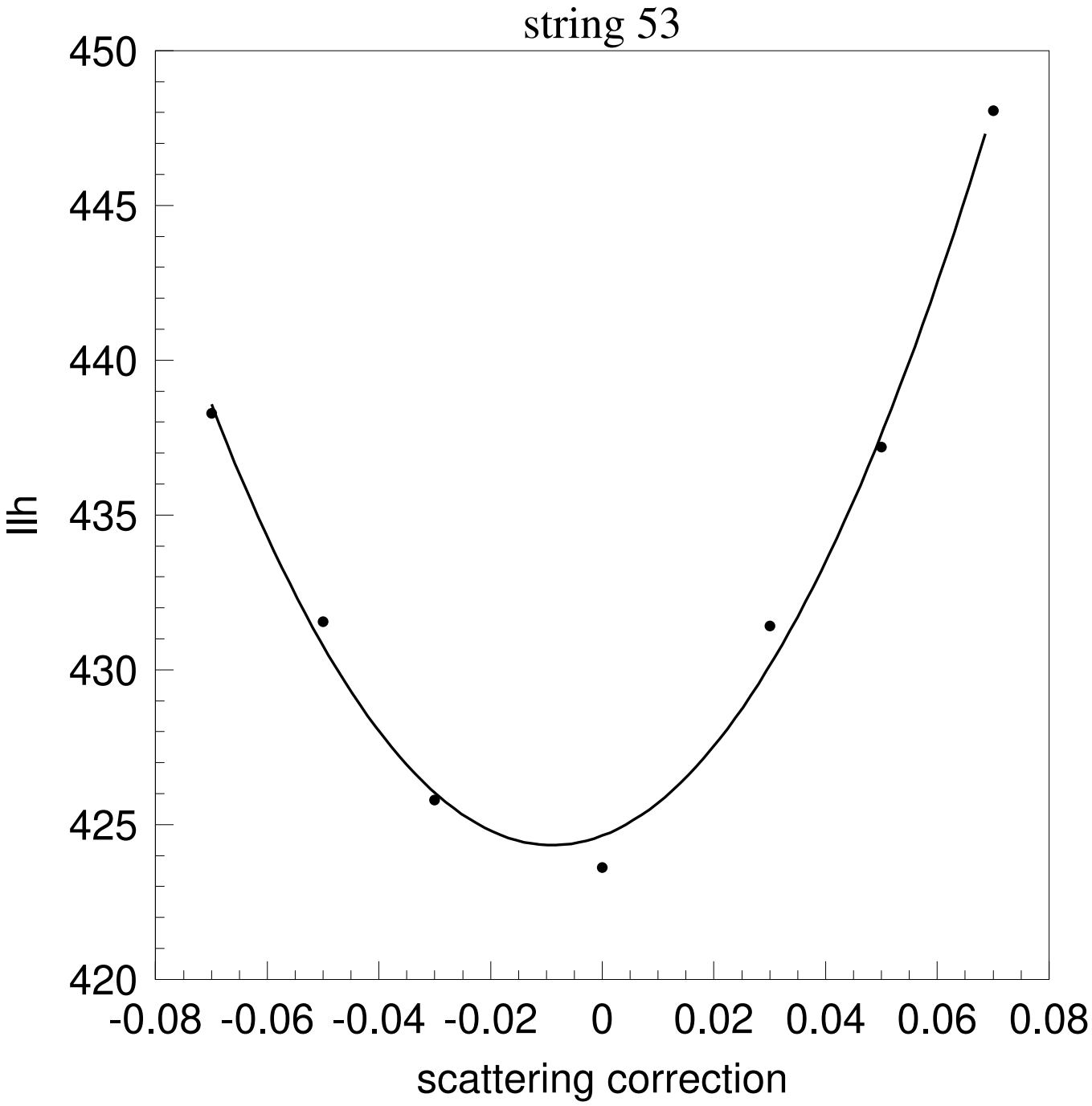

string 48
510
505
500
495
490
485
480
475
470
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

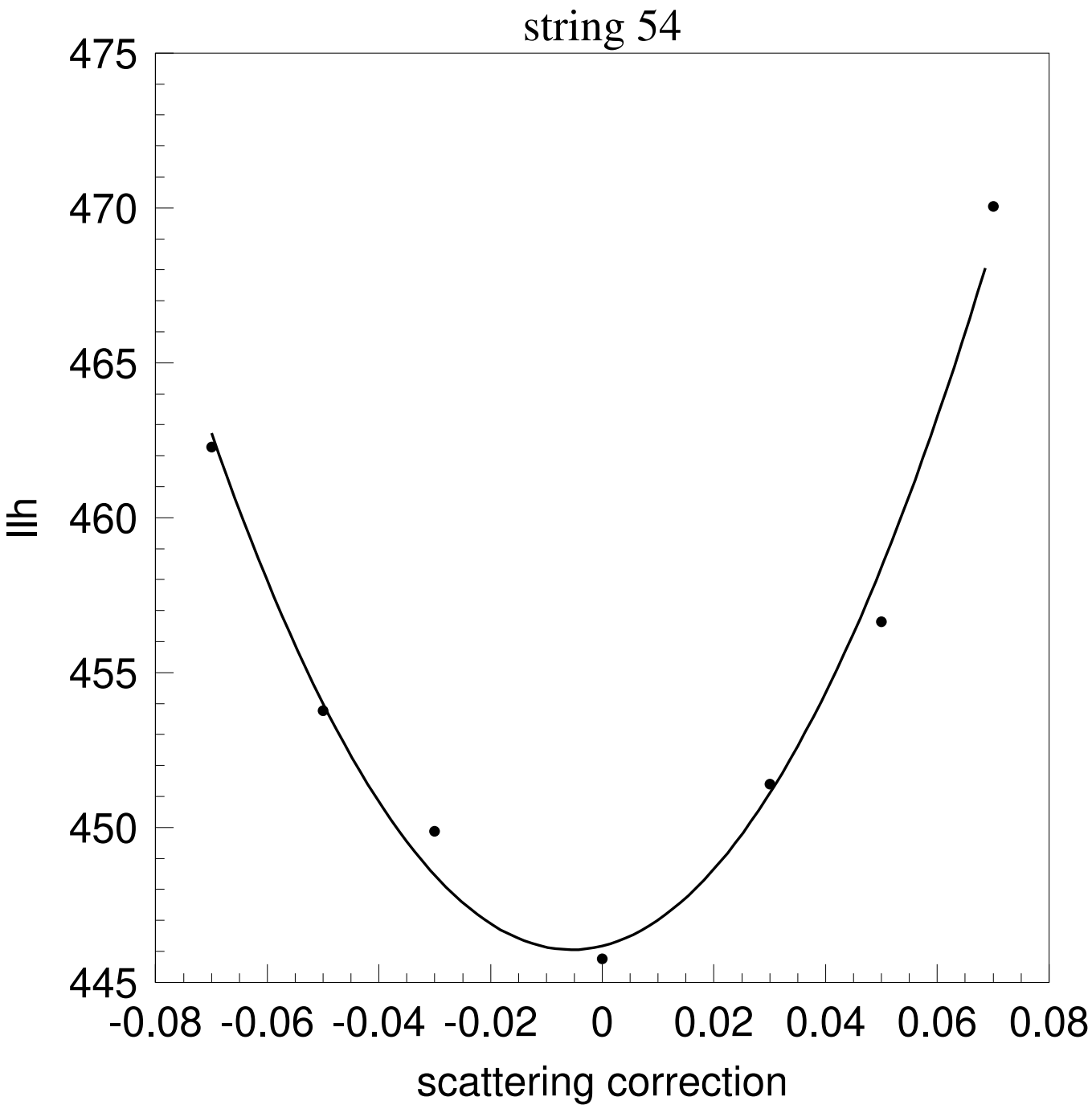

string 49
535
530
525
520
515
510
505
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

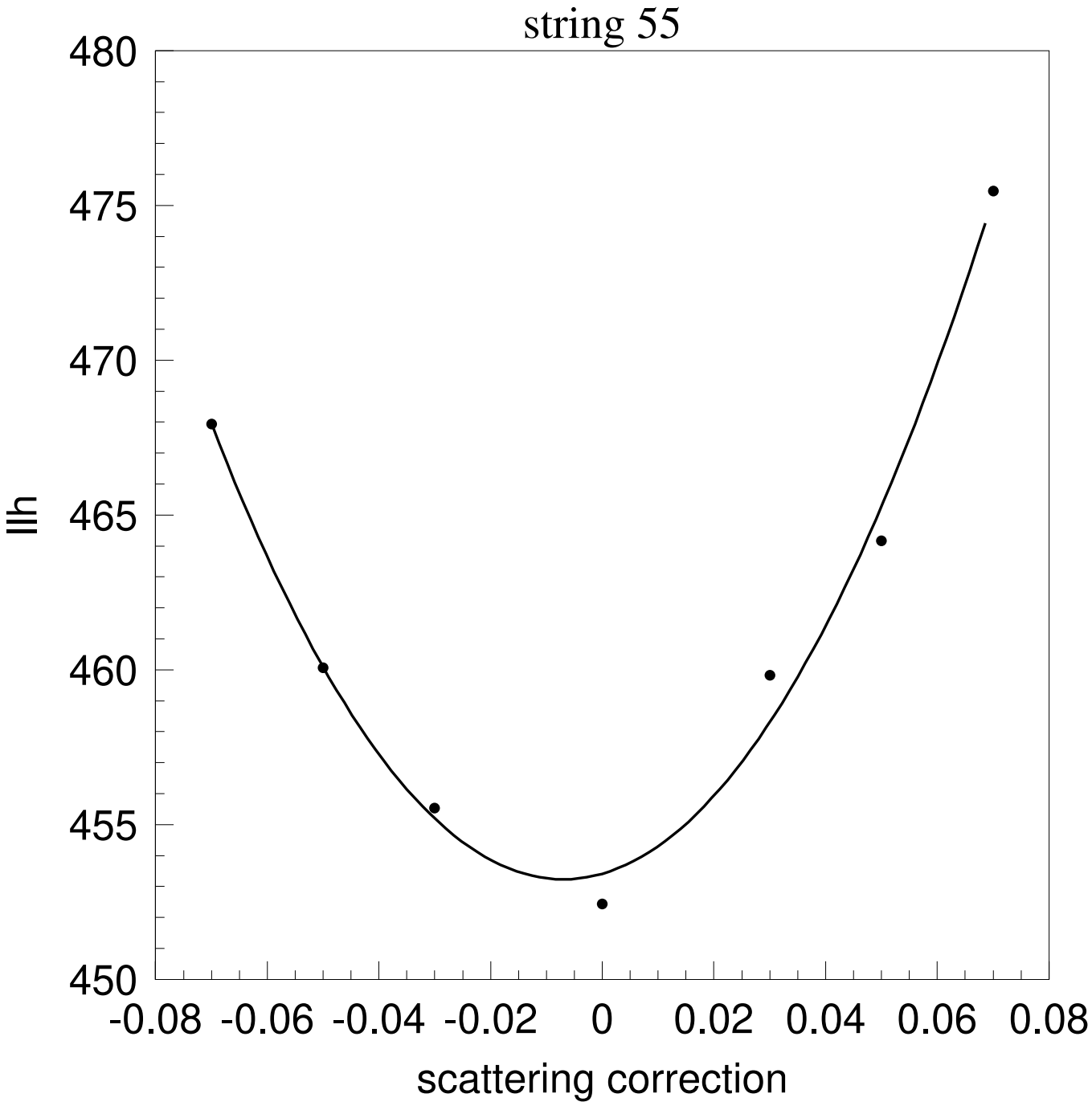

string 50
565
560
555
550
545
540
535
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

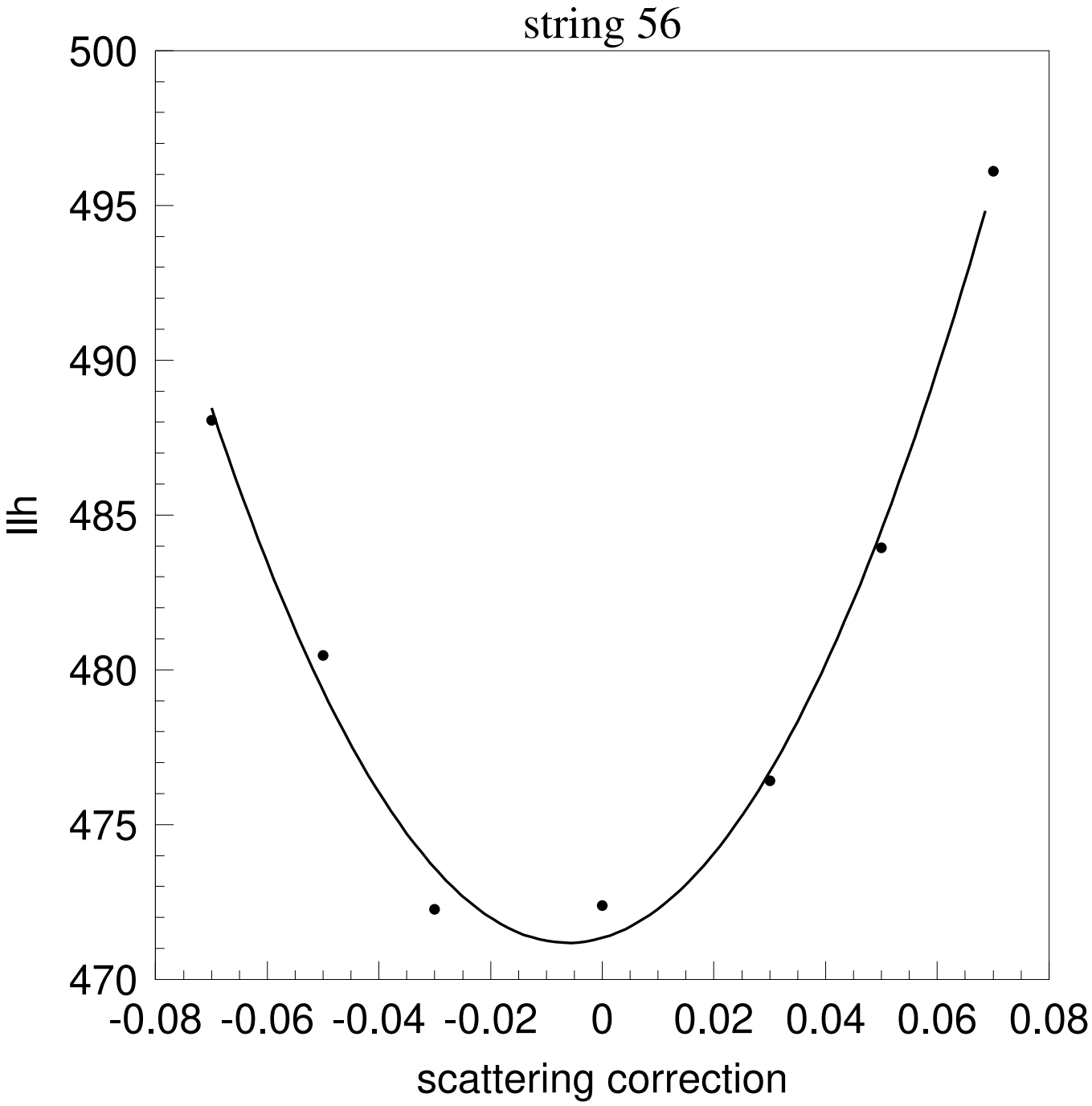

string 51
525
522.5
520
517.5
515
512.5
510
507.5
505
502.5
500
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

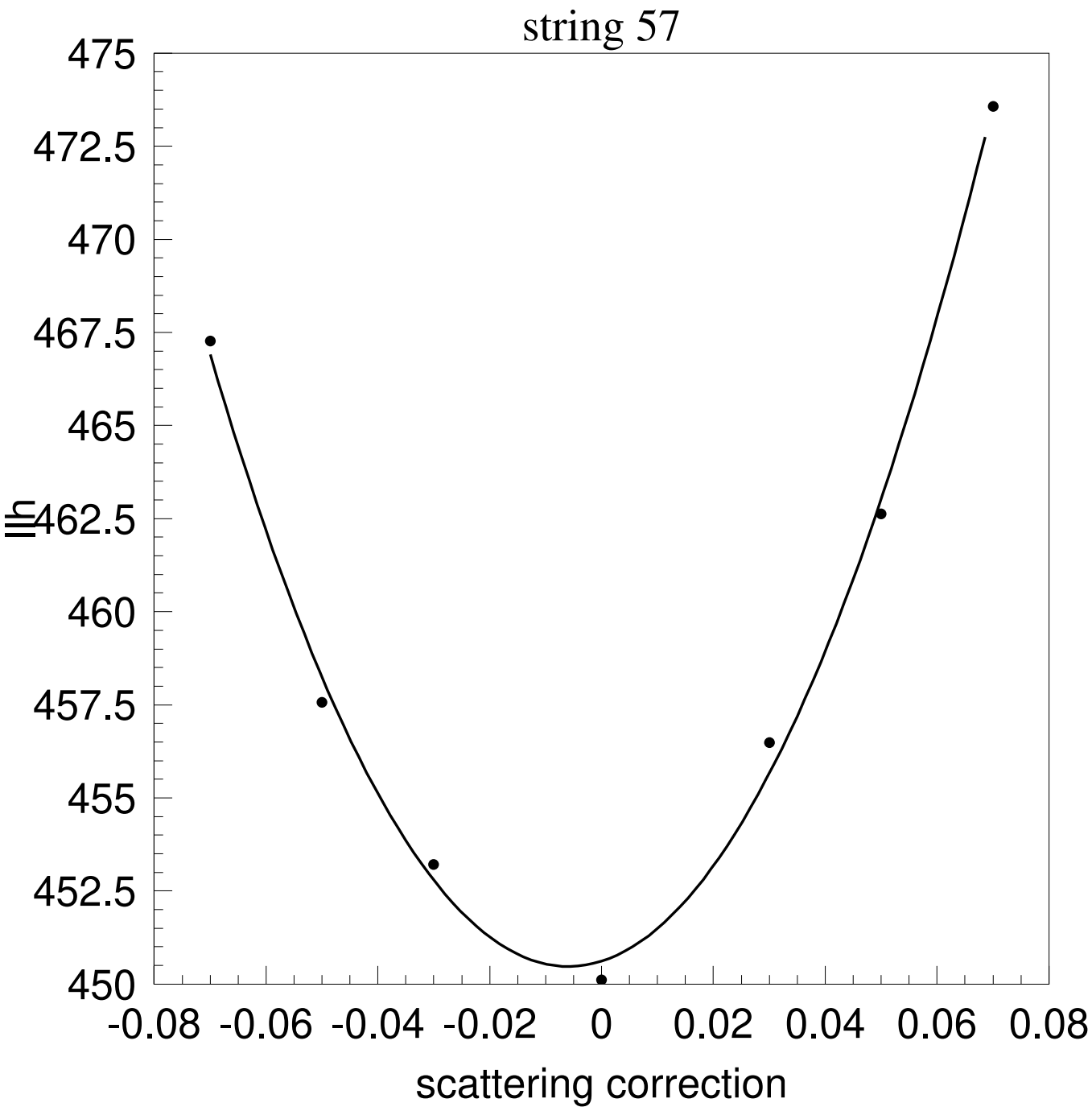

string 52
480
475
470
465
460
455
450
lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

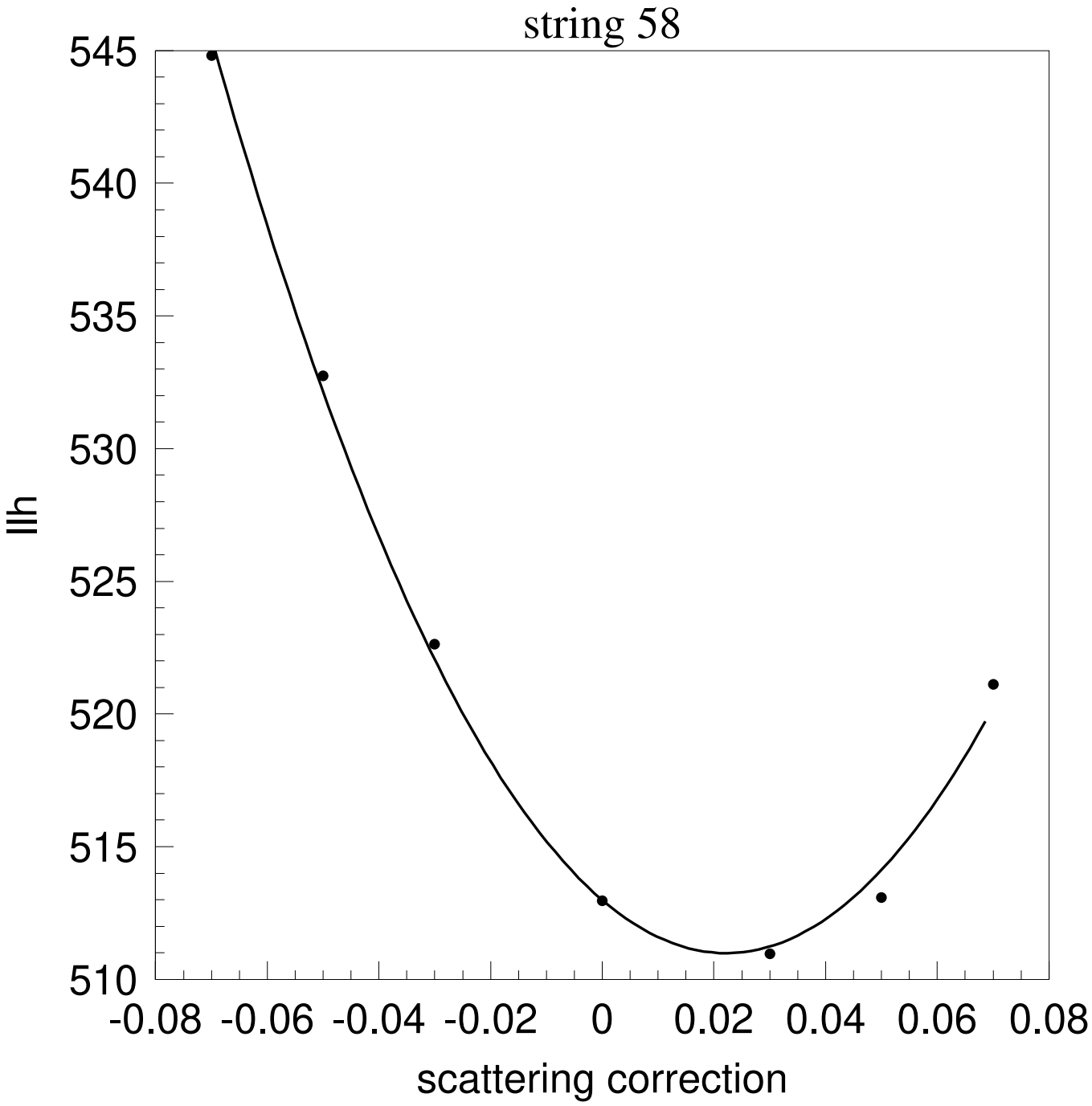

string 53
450
445
440
435
430
425
420
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

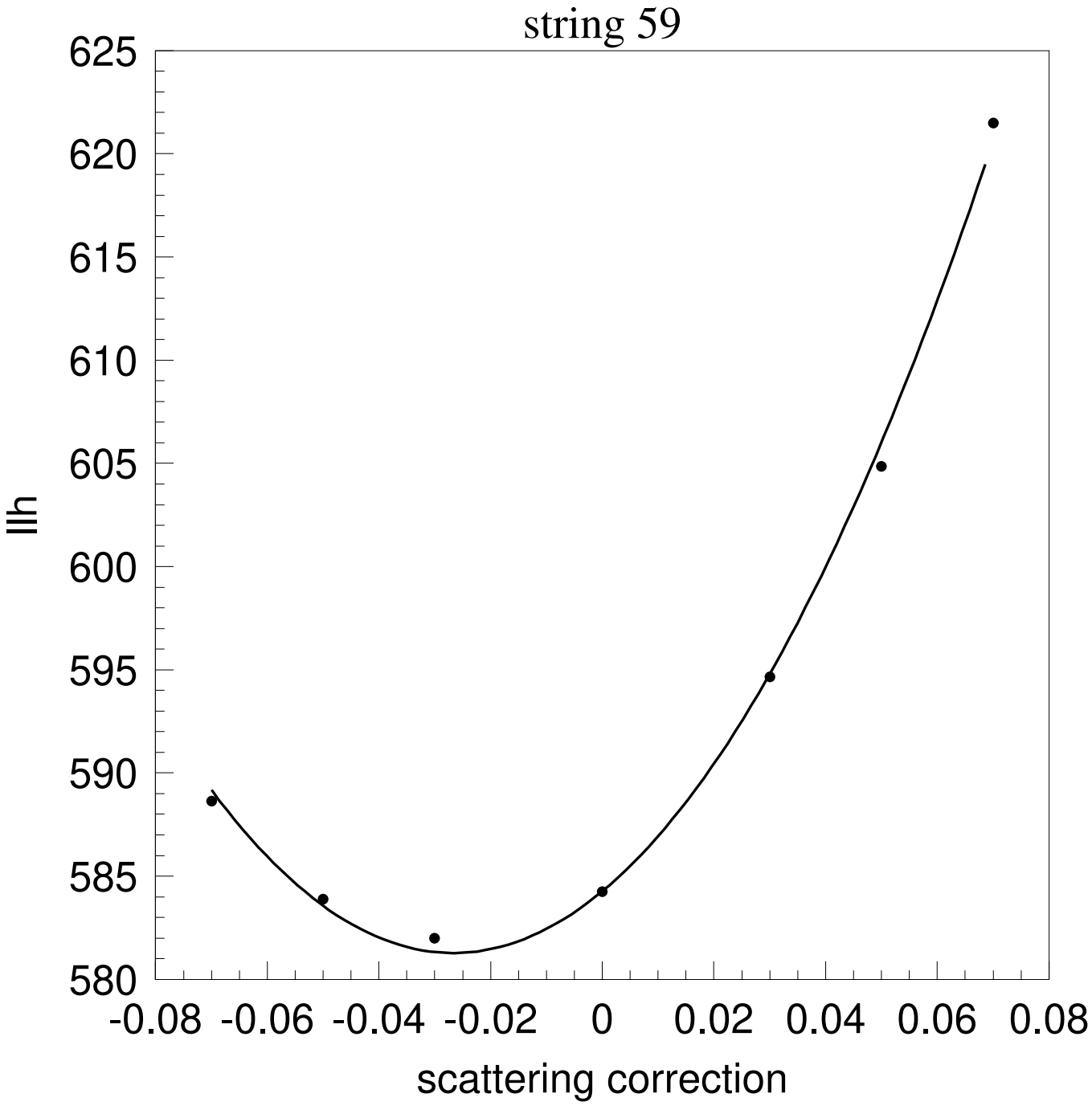

string 54
475
470
465
460
455
450
445
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

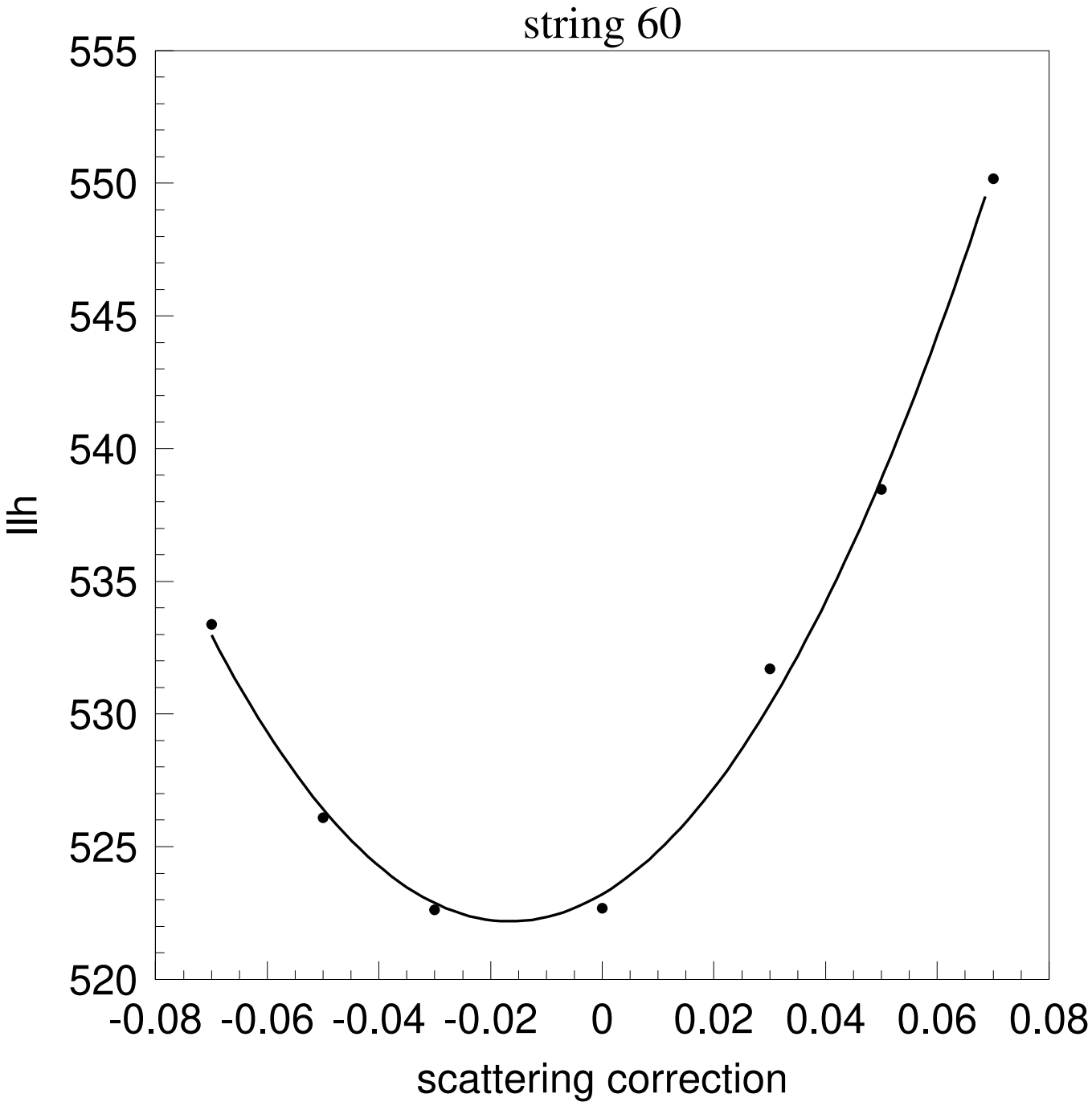

string 55
480
475
470
465
460
455
450
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

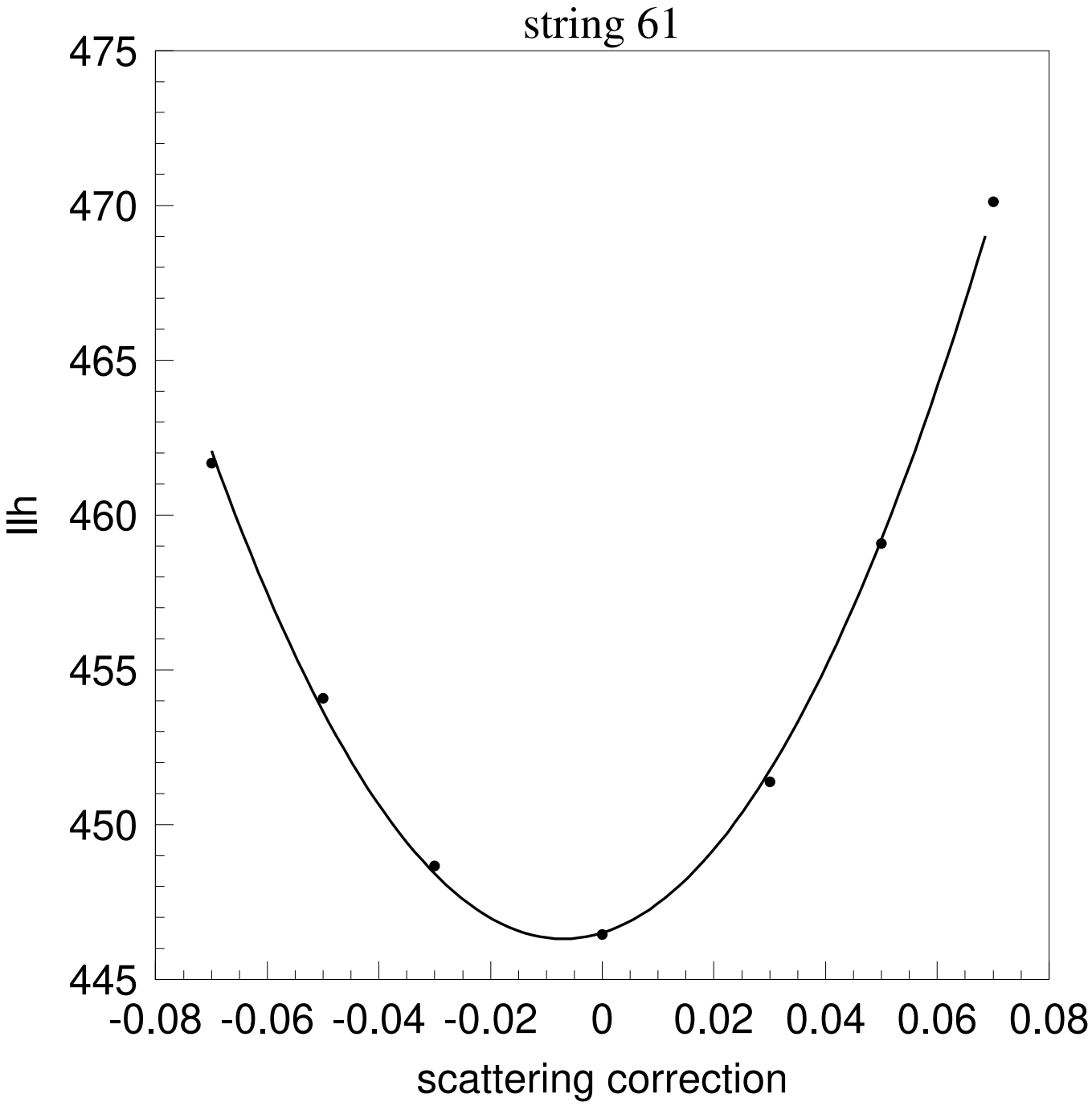

string 56
500
495
490
485
480
475
470
lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

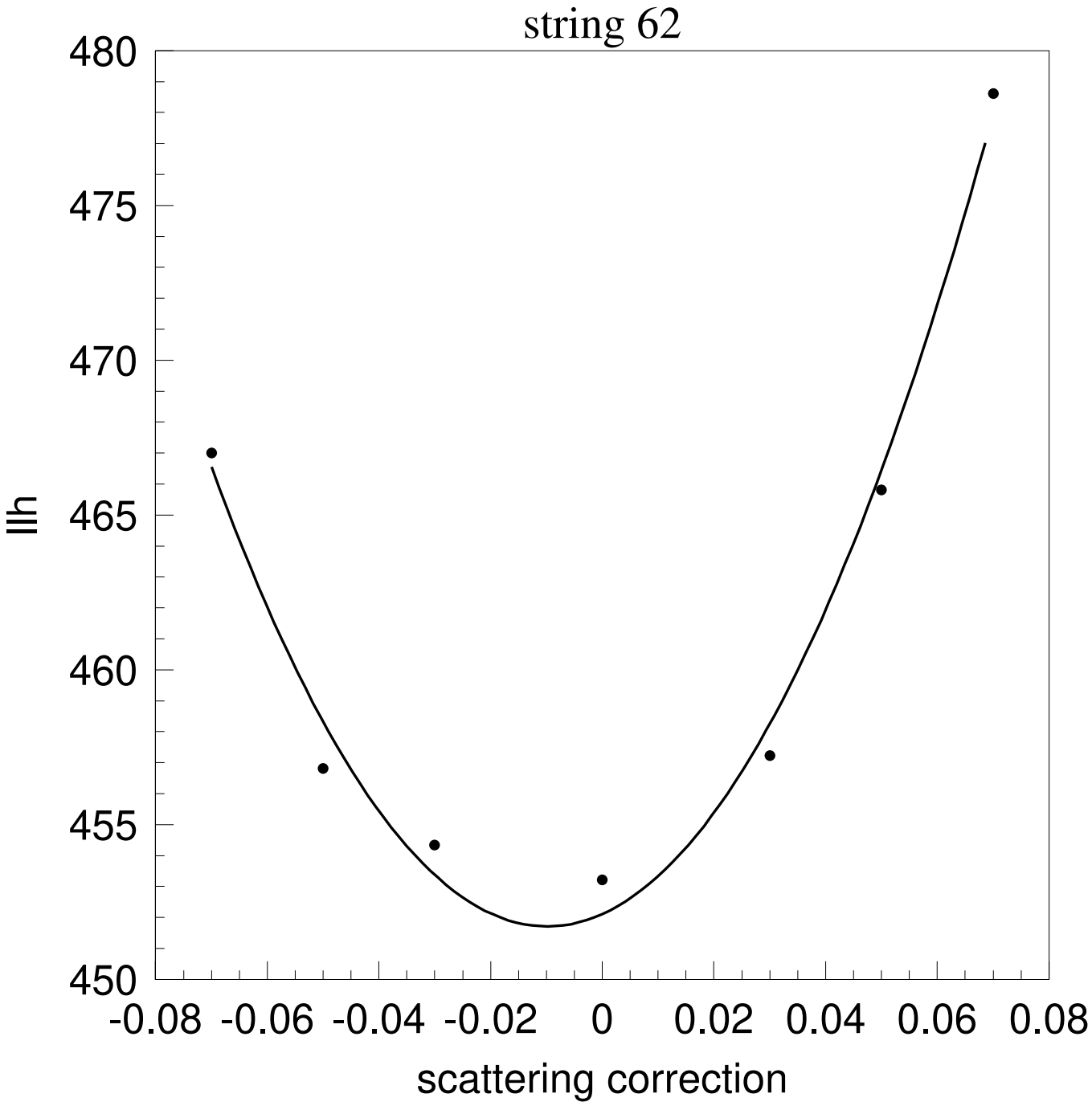

string 57
475
472.5
470
467.5
465
462.5
460
457.5
455
452.5
450
χ²
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

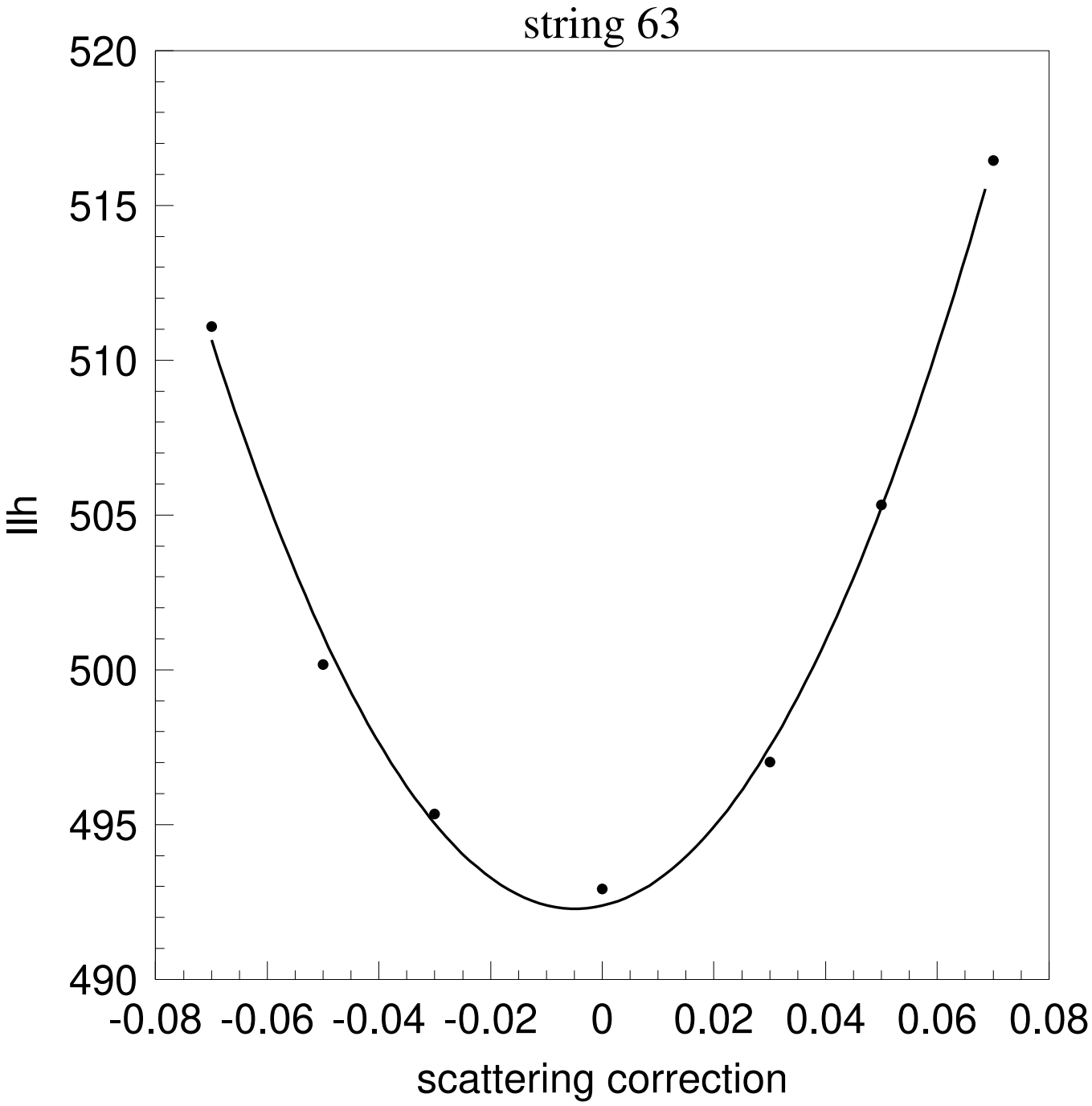

string 58
545
540
535
530
525
520
515
510
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

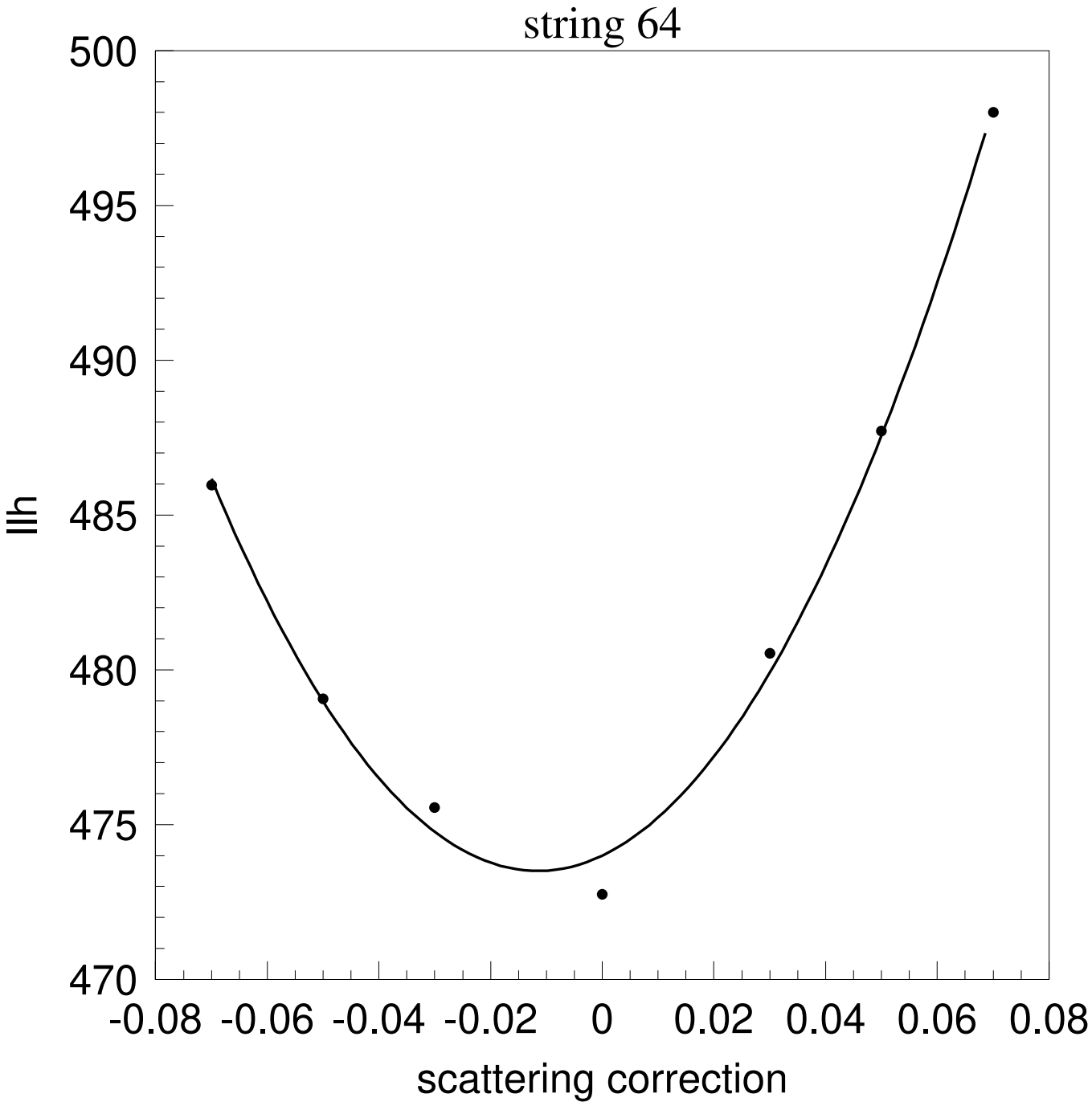

string 59
625
620
615
610
605
600
595
590
585
580
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

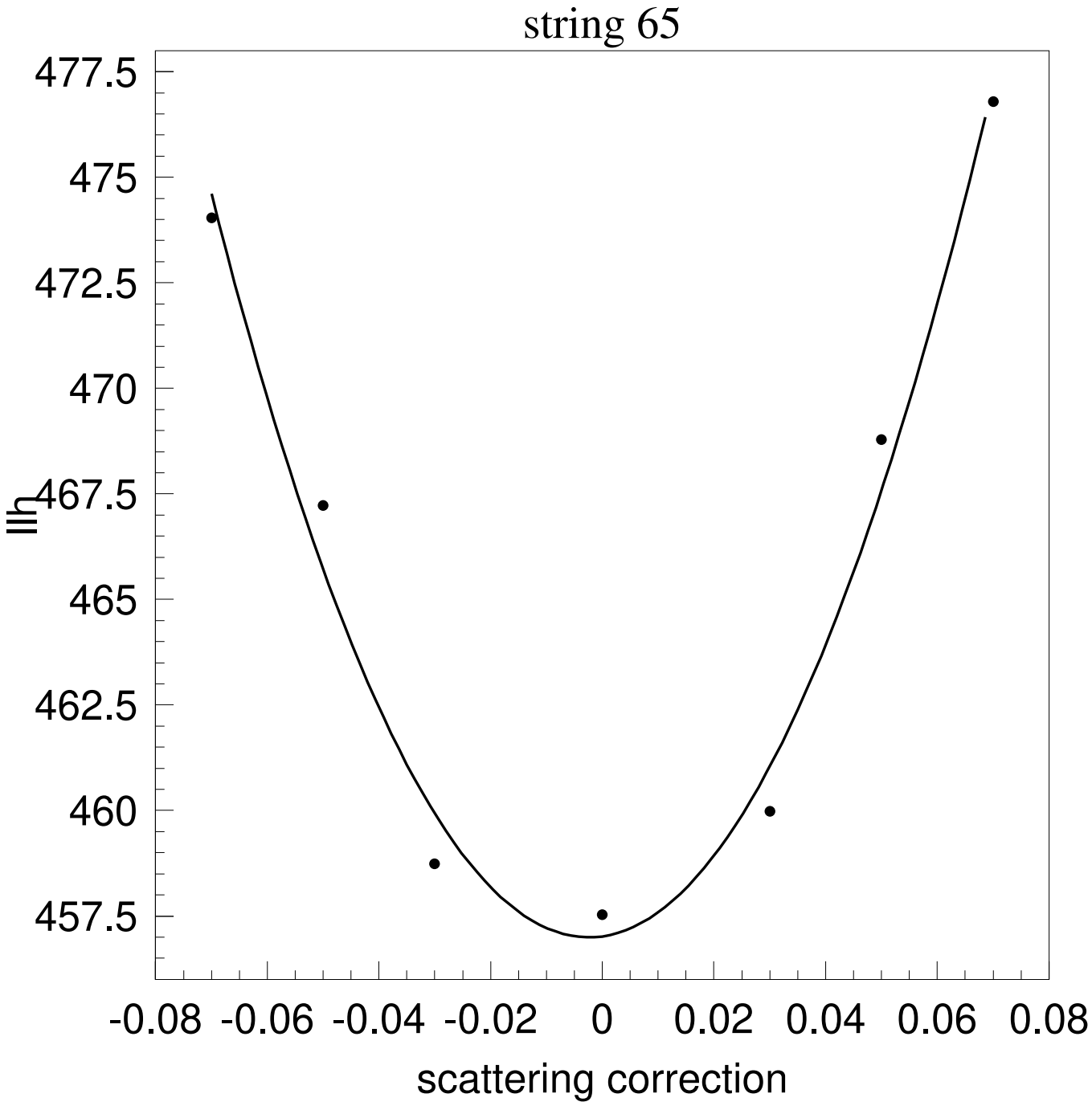

string 60
555
550
545
540
535
530
525
520
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

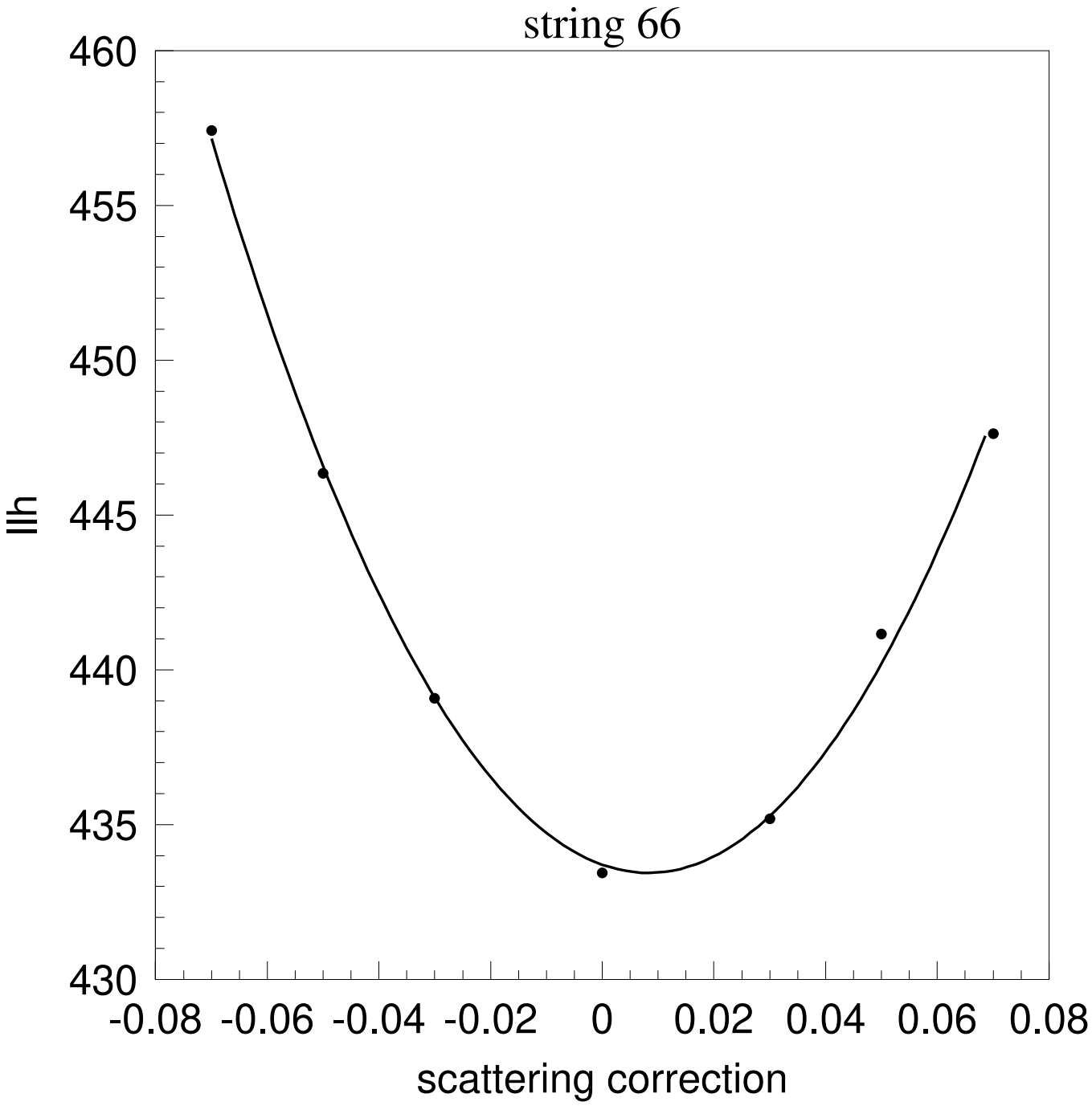

string 61
475
470
465
460
455
450
445
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

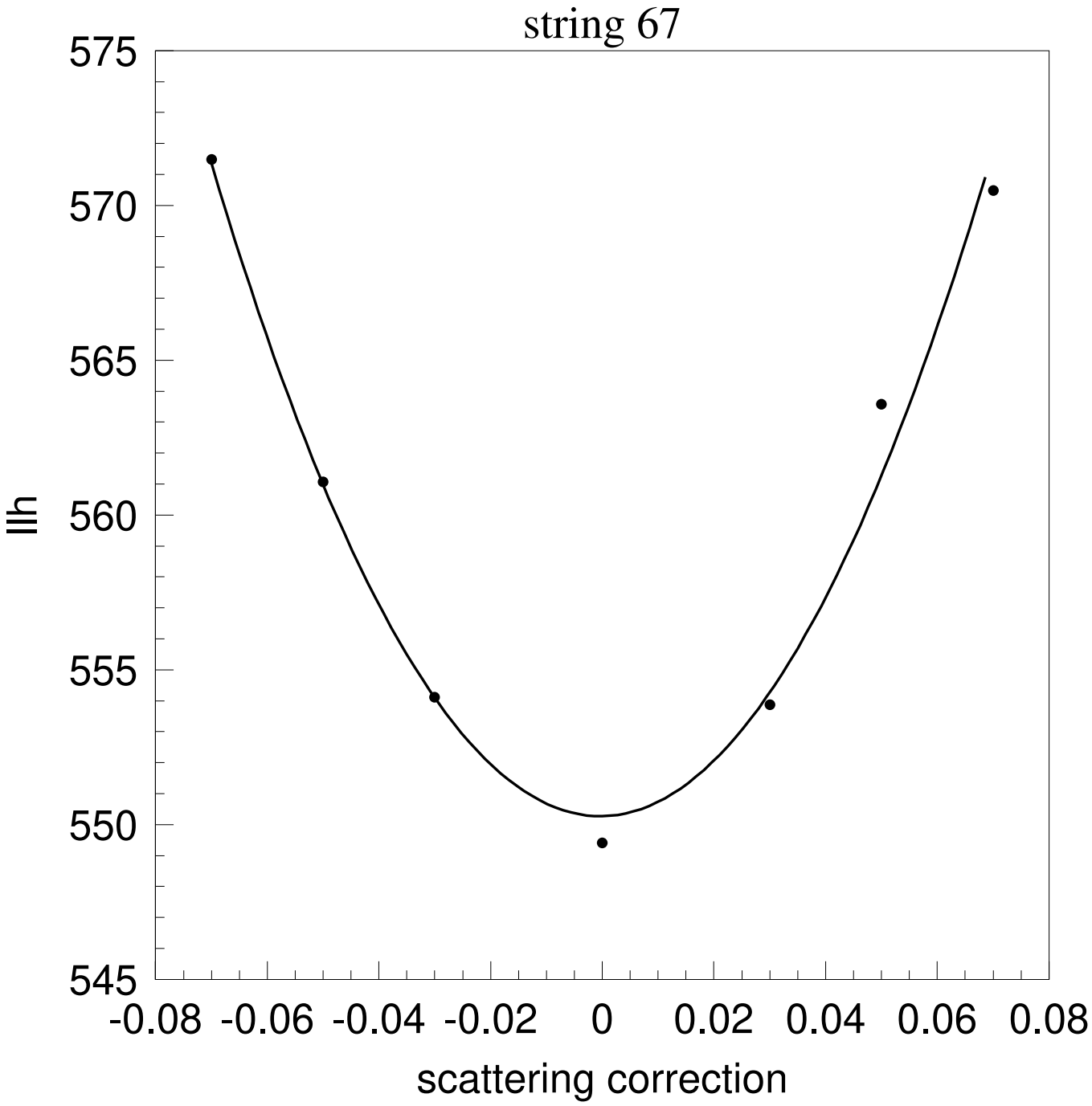

string 62
480
475
470
465
460
455
450
lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

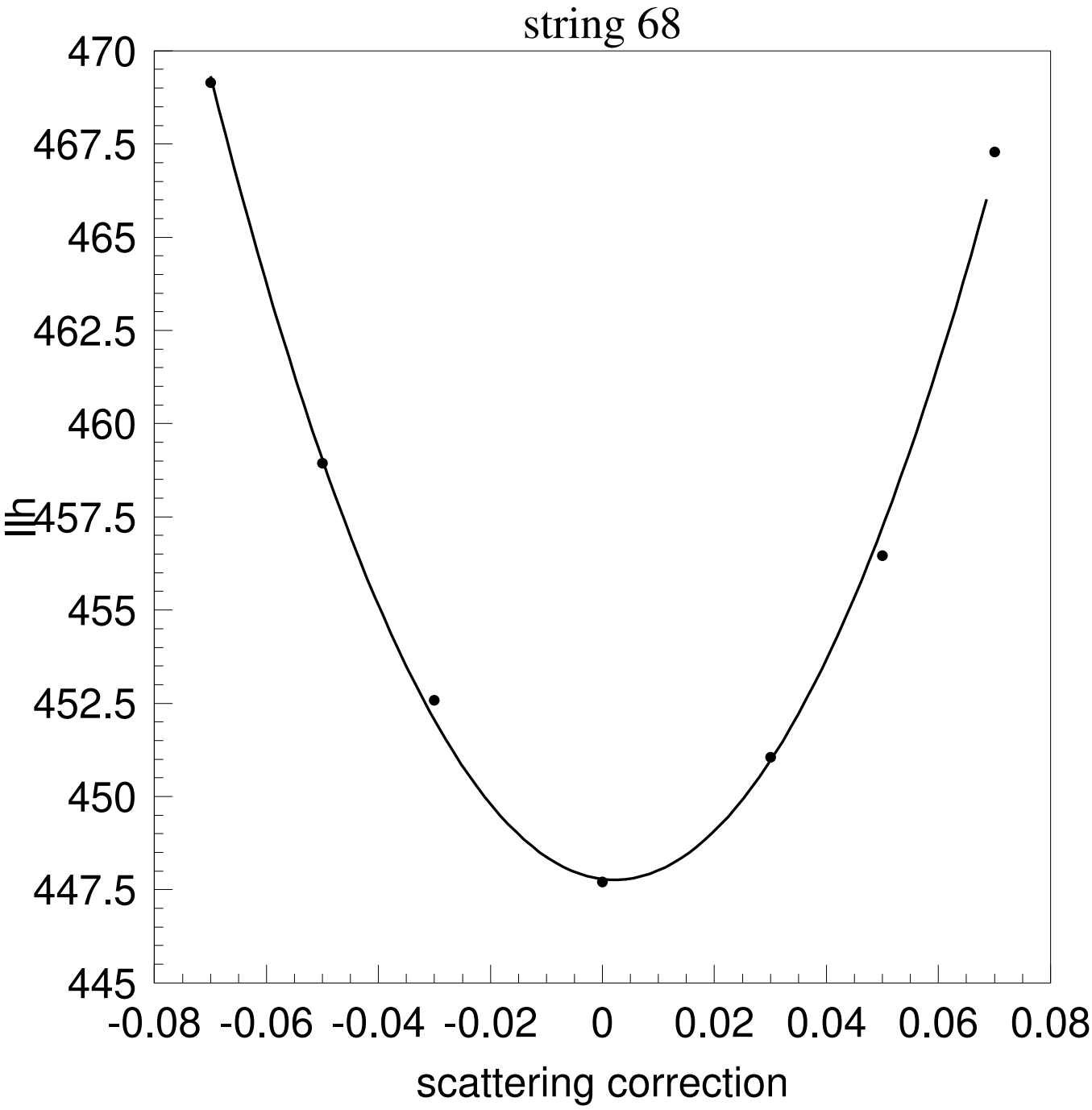

string 63
520
515
510
505
500
495
490
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

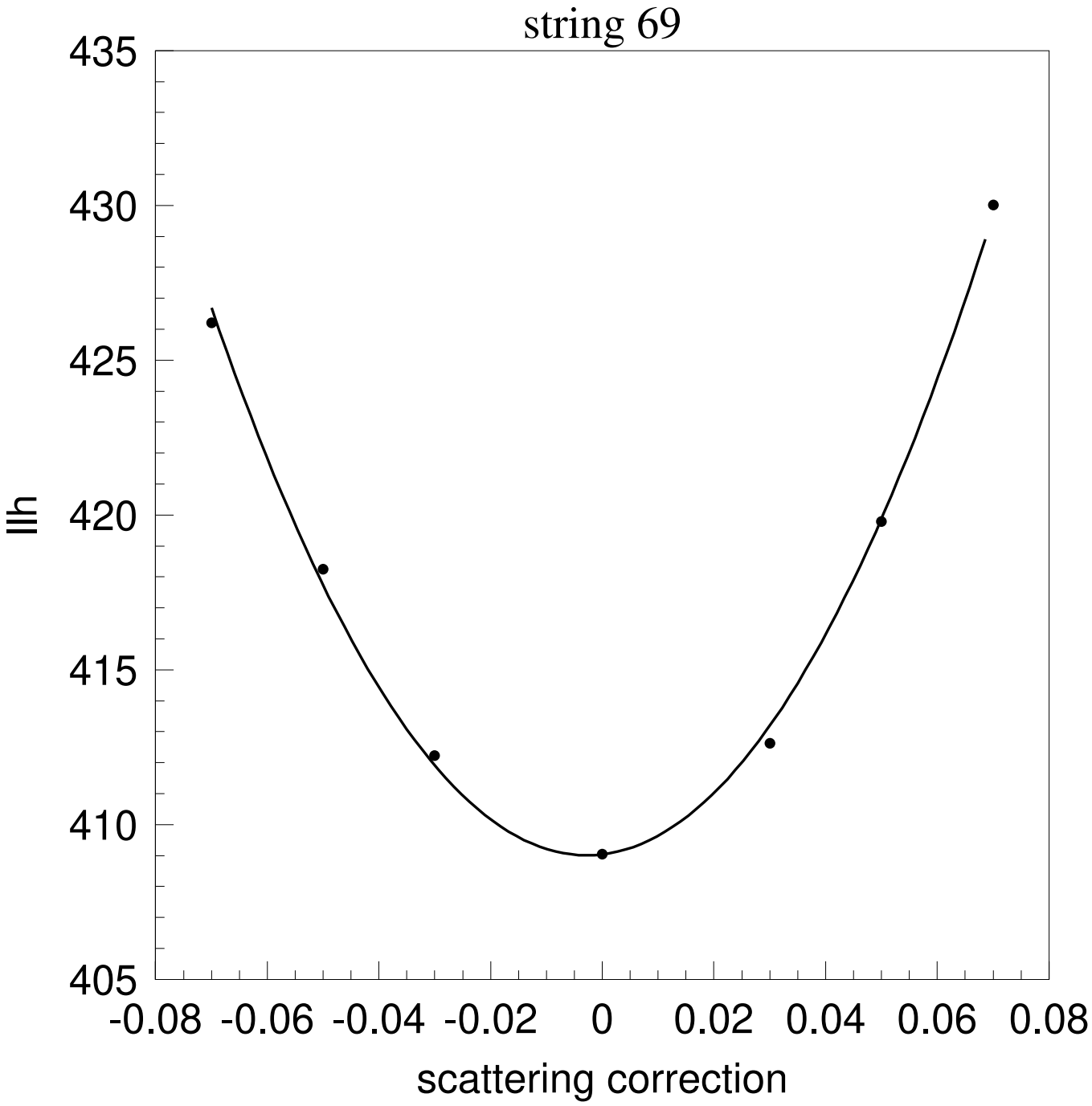

string 64
500
495
490
485
480
475
470
lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

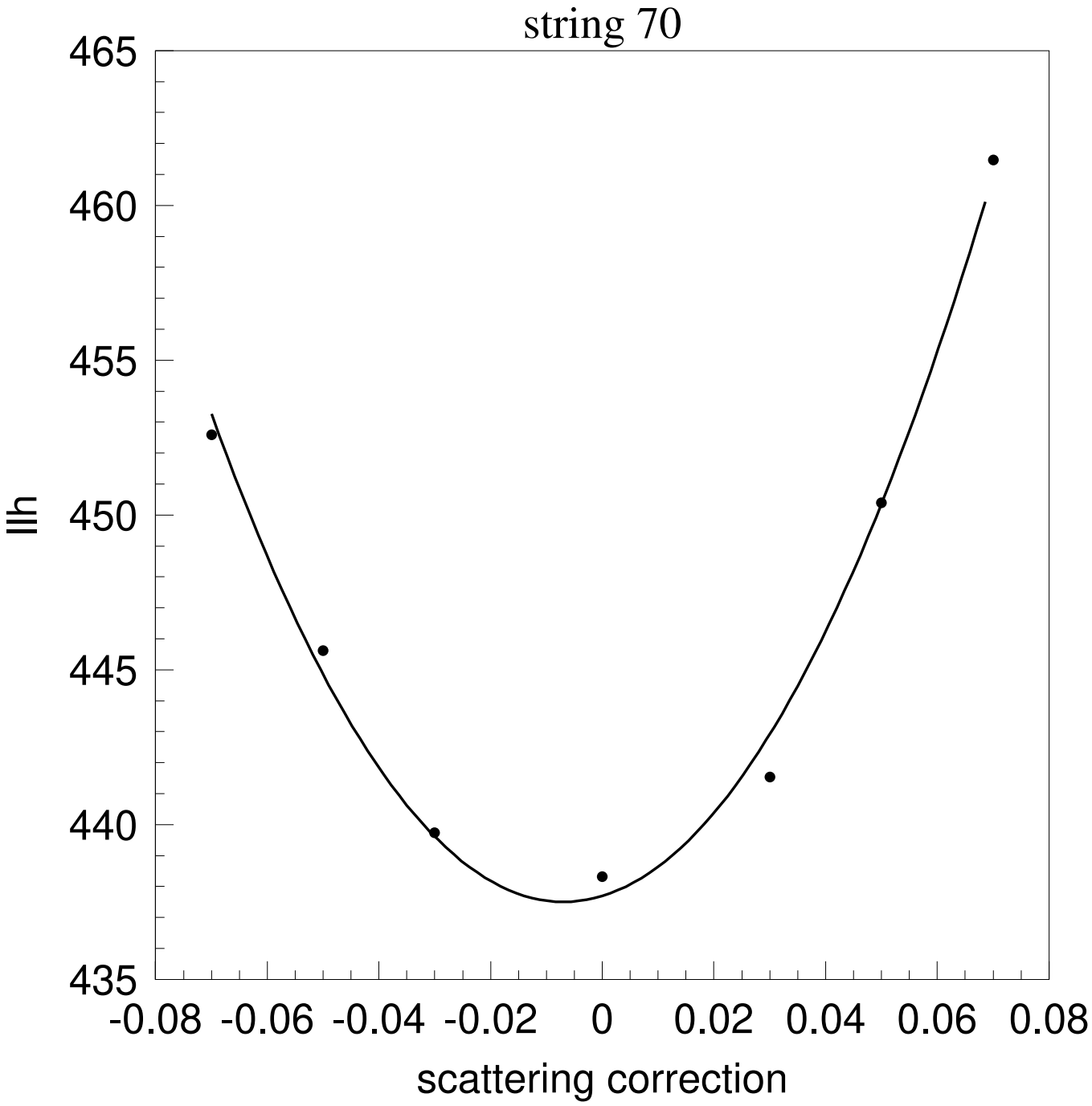

string 65
477.5
475
472.5
470
467.5
465
462.5
460
457.5
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

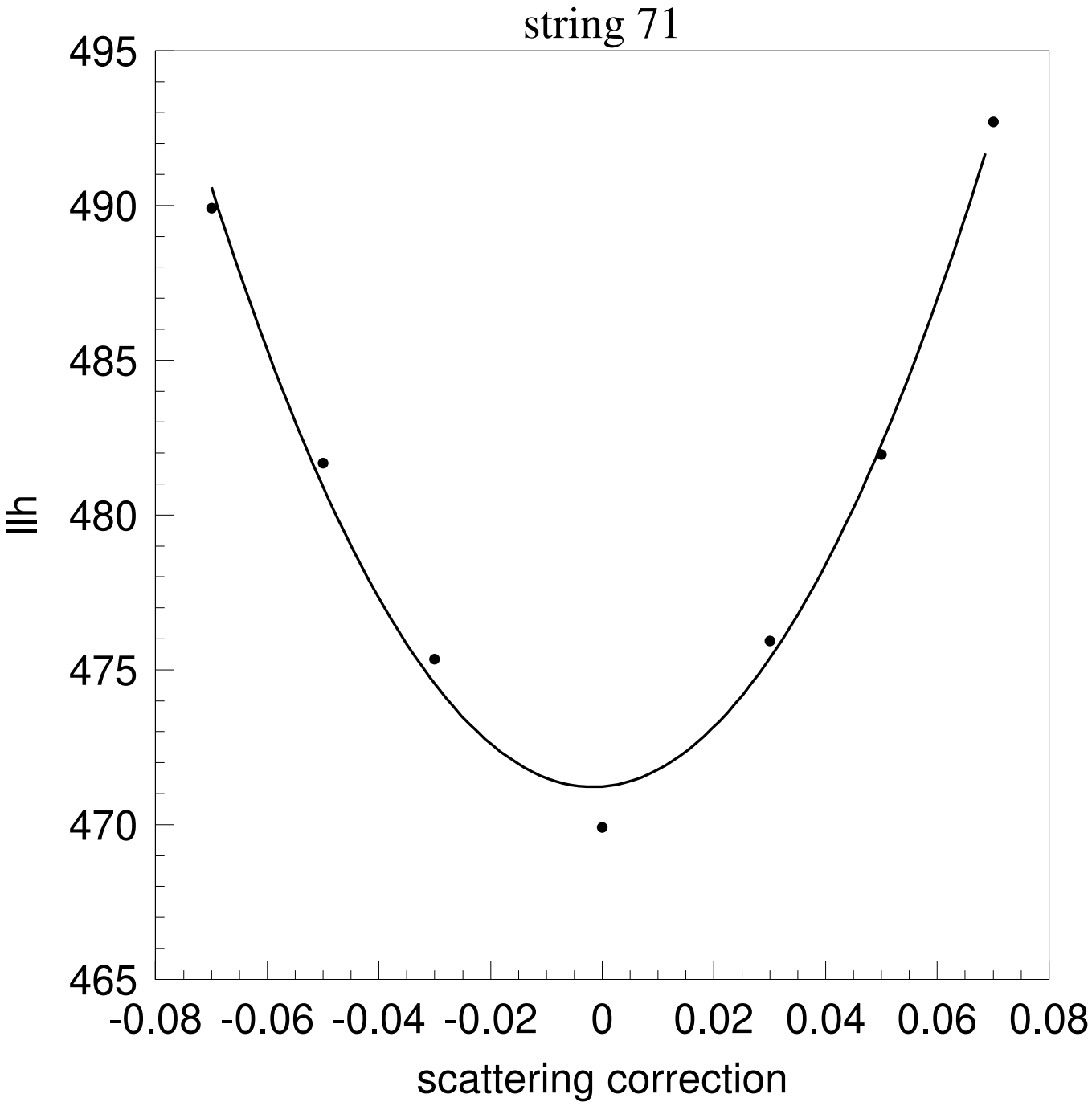

string 66
460
455
450
445
440
435
430
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

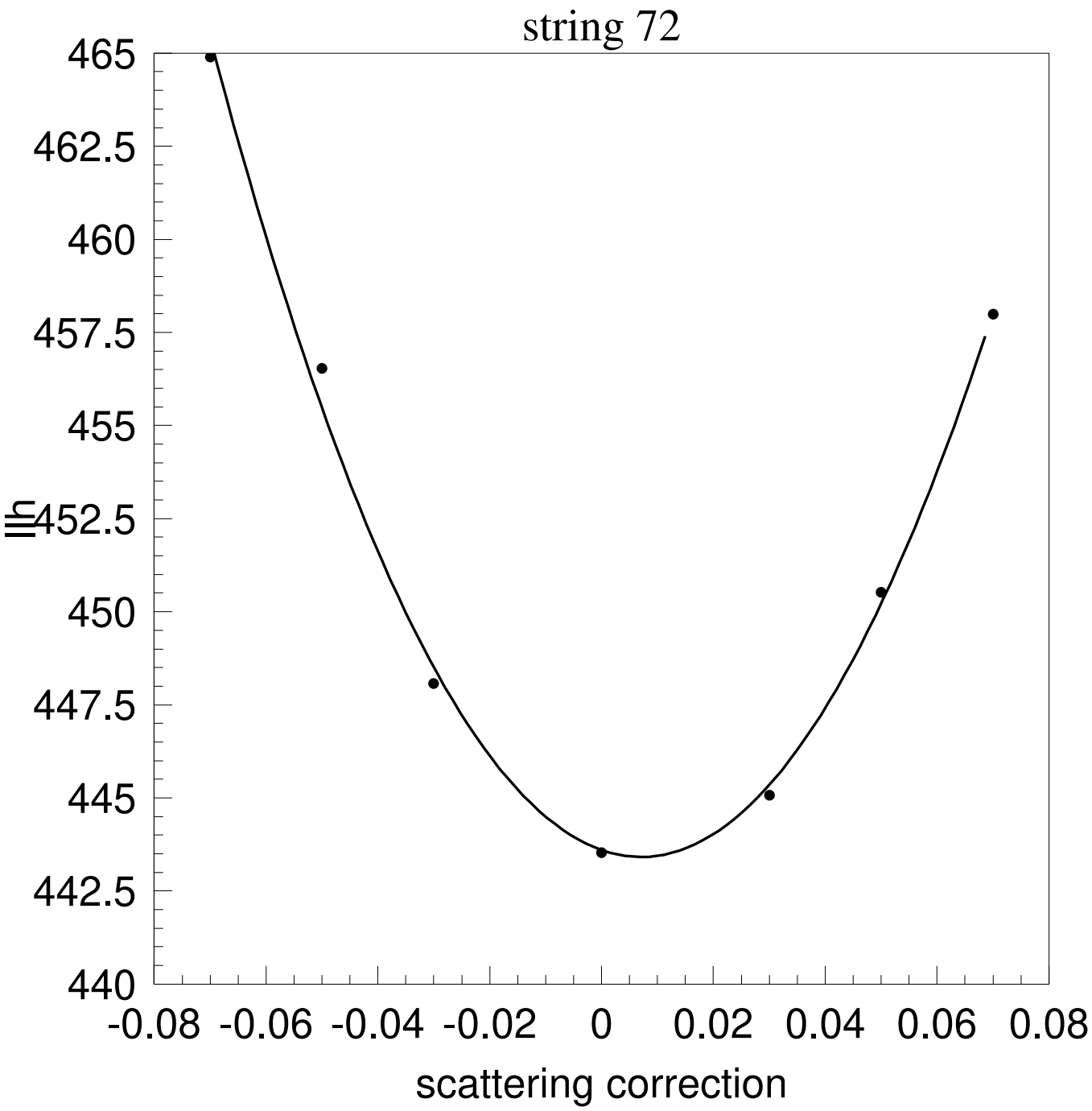

string 67
575
570
565
560
555
550
545
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

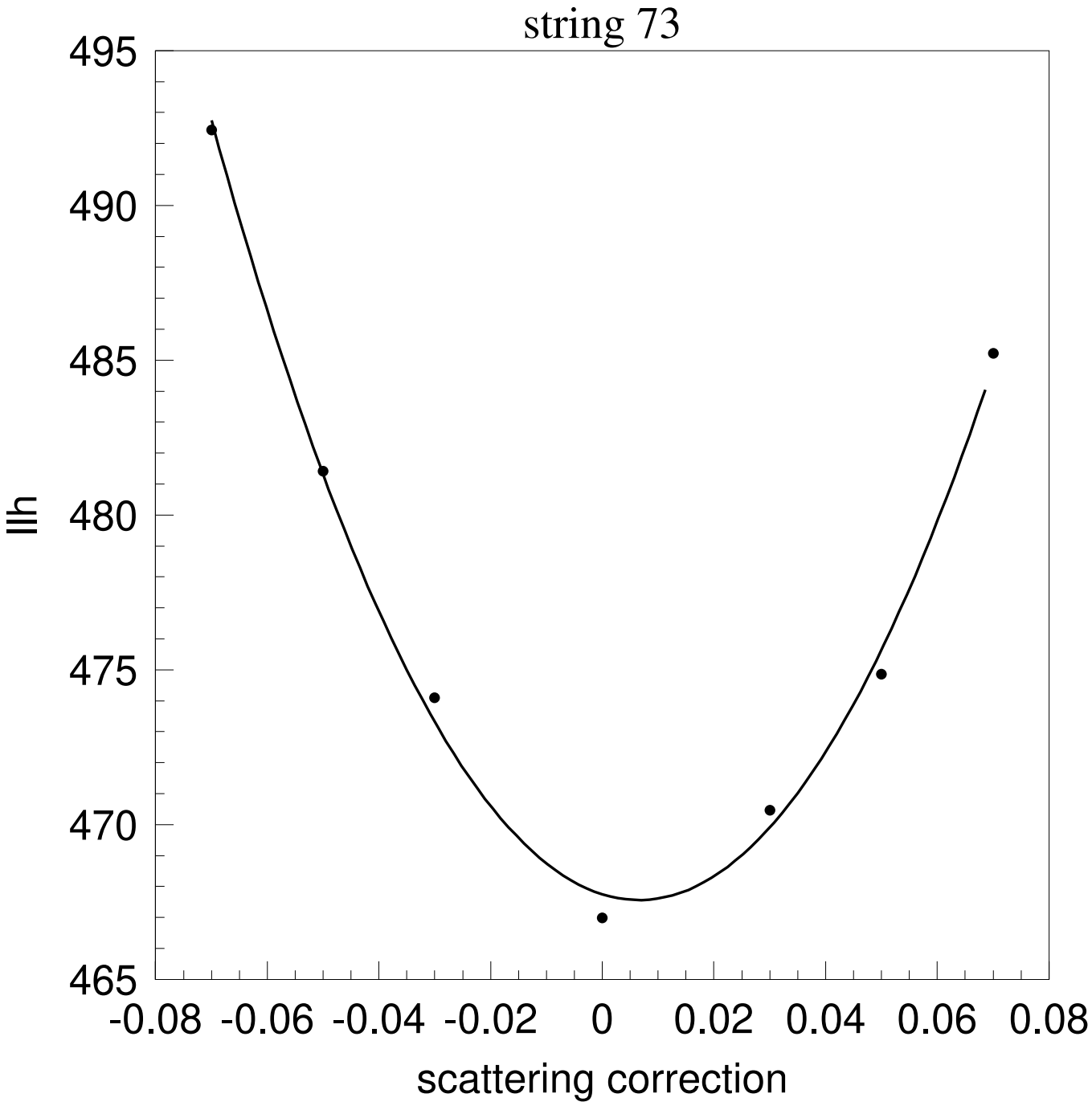

string 68
470
467.5
465
462.5
460
457.5
455
452.5
450
447.5
445
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

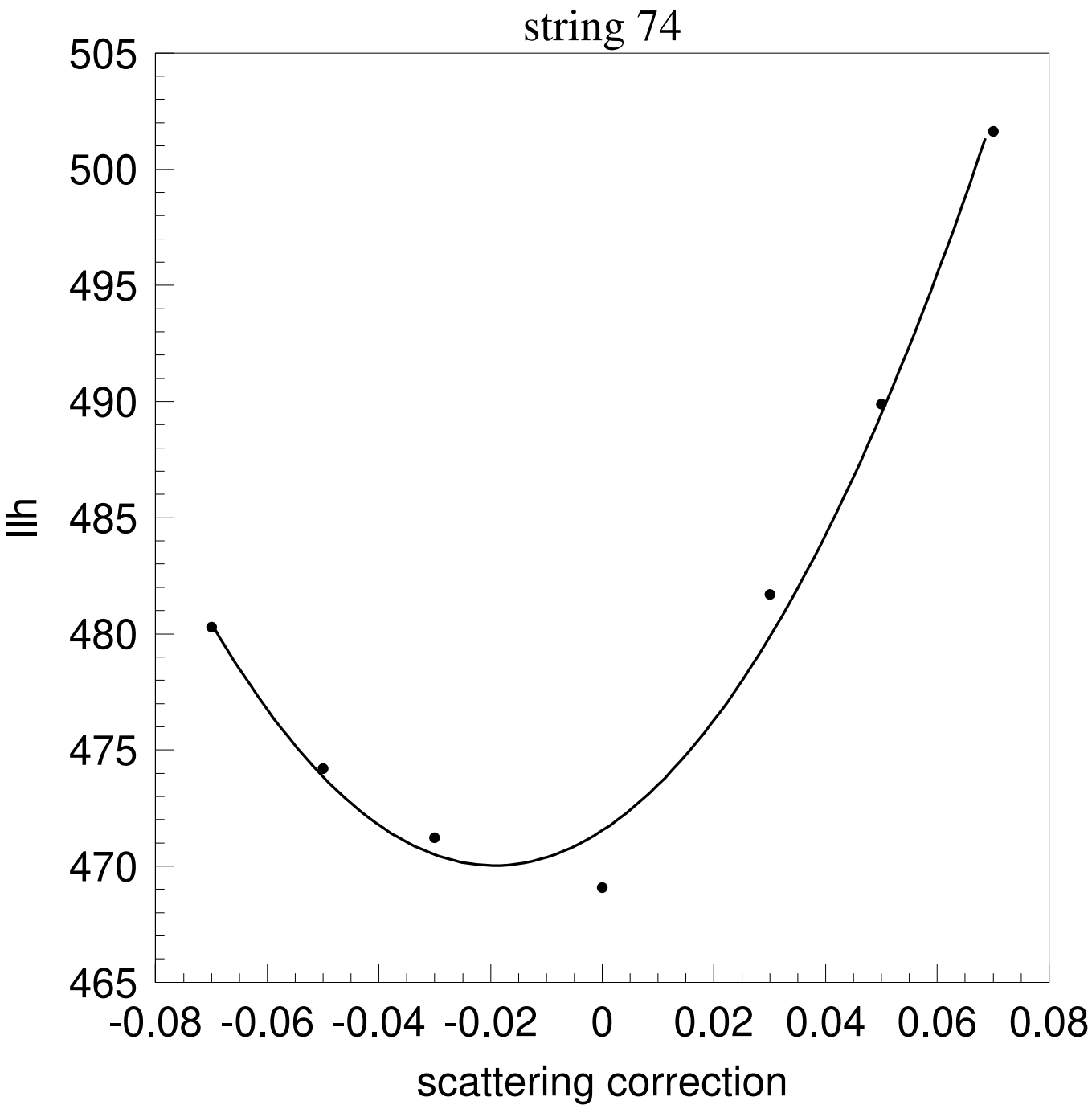

string 69
435
430
425
420
415
410
405
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

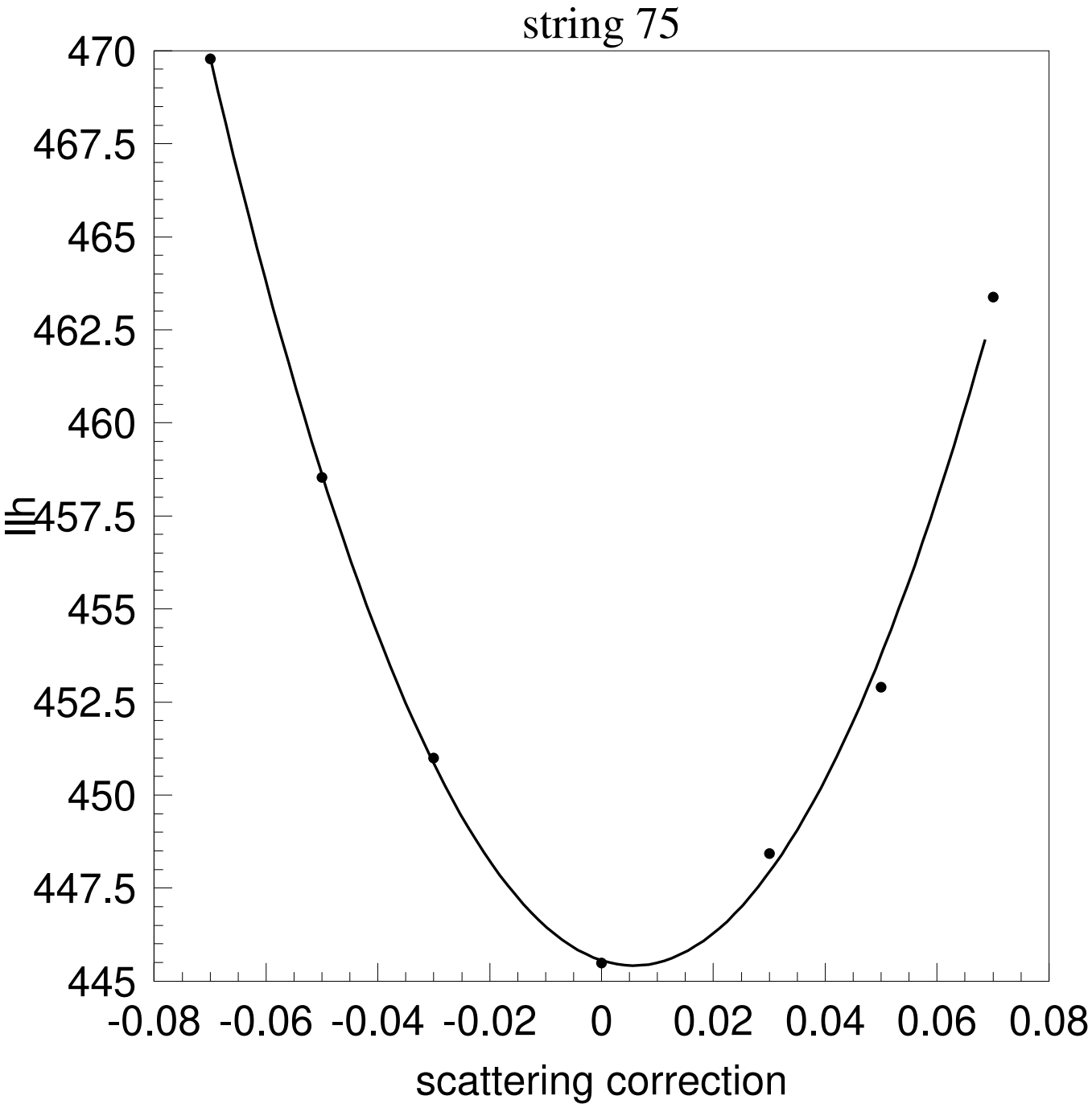

string 70
465
460
455
450
445
440
435
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

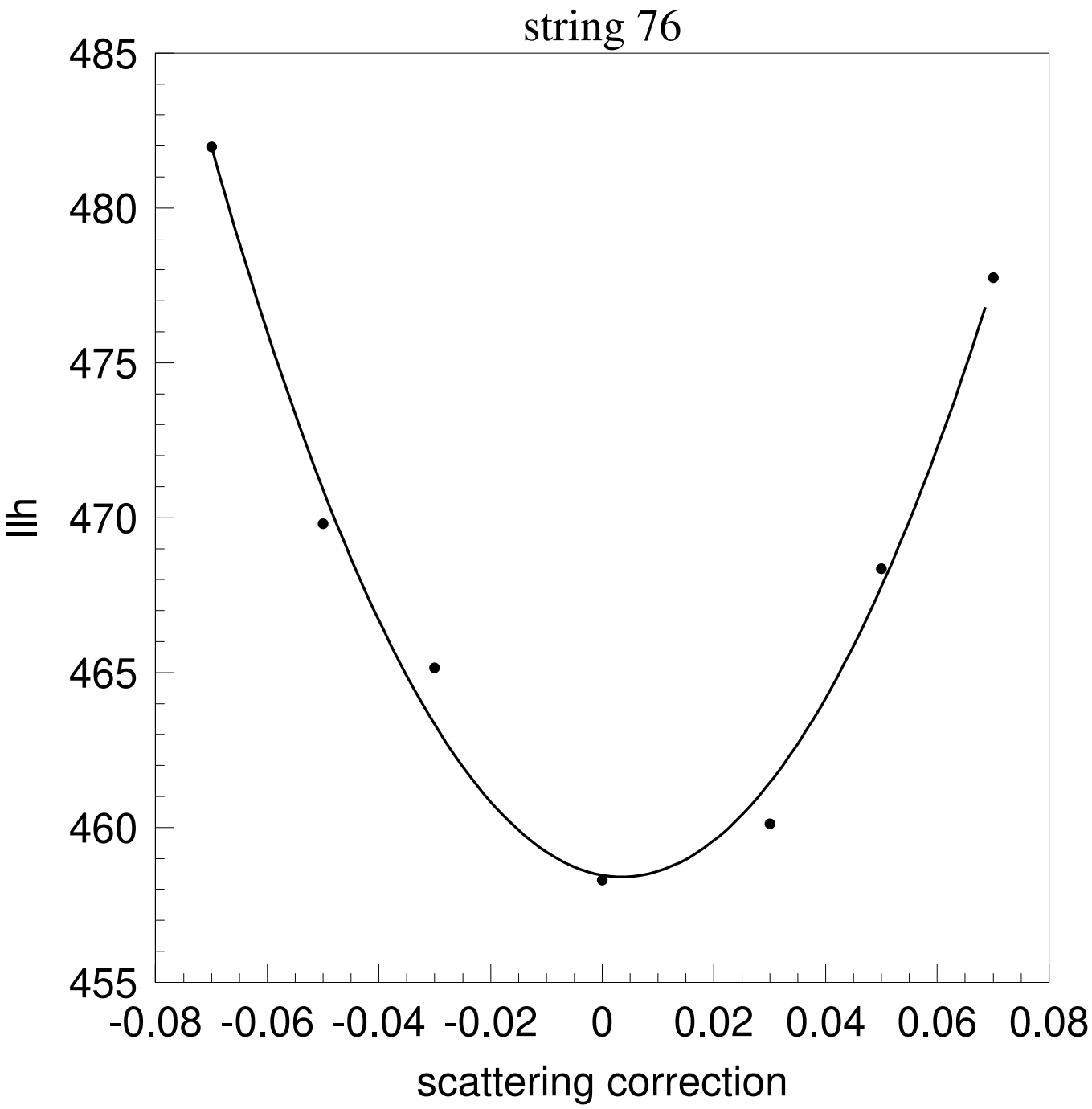

string 71
495
490
485
480
475
470
465
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

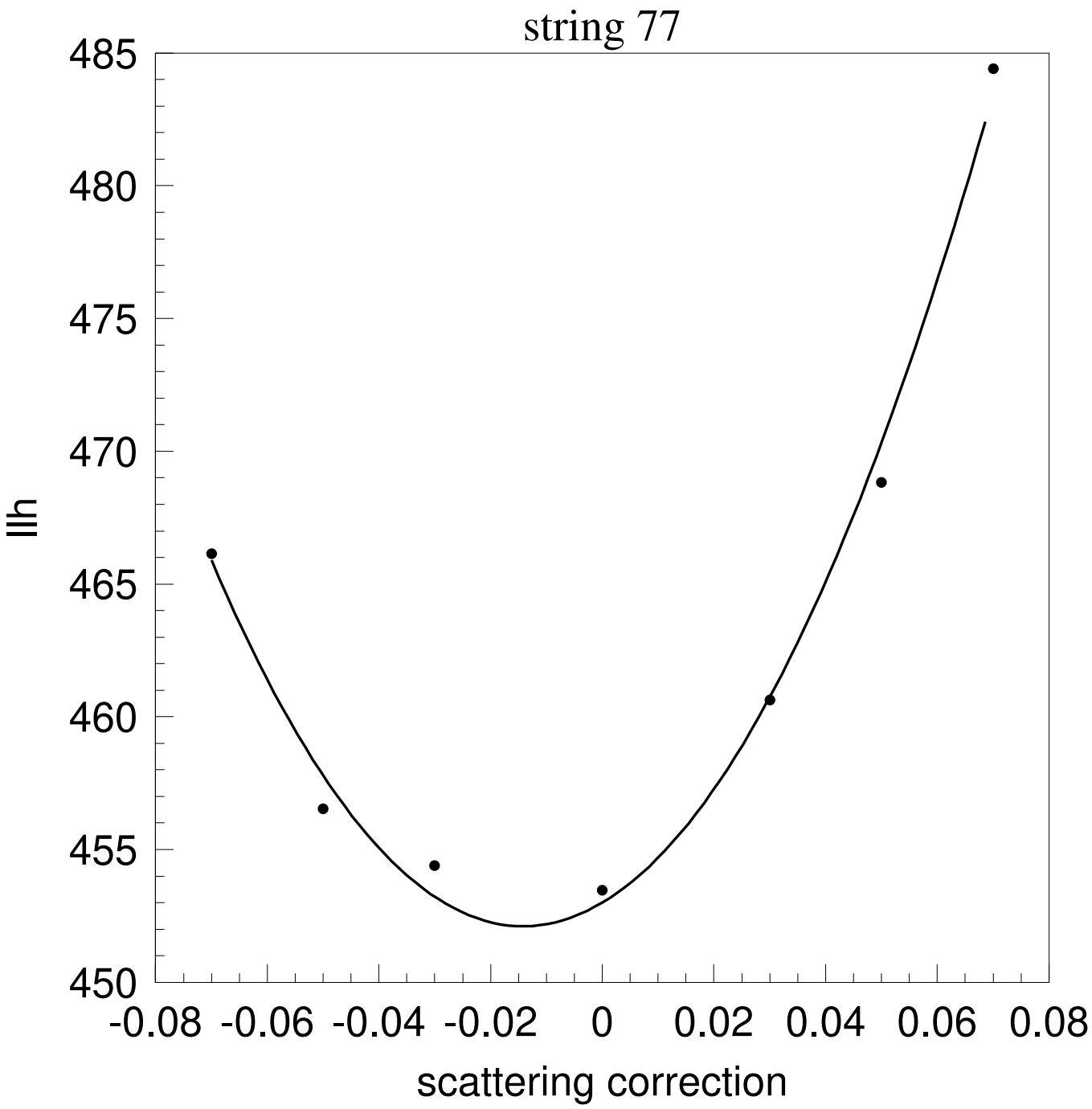

string 72
465
462.5
460
457.5
455
452.5
450
447.5
445
442.5
440
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

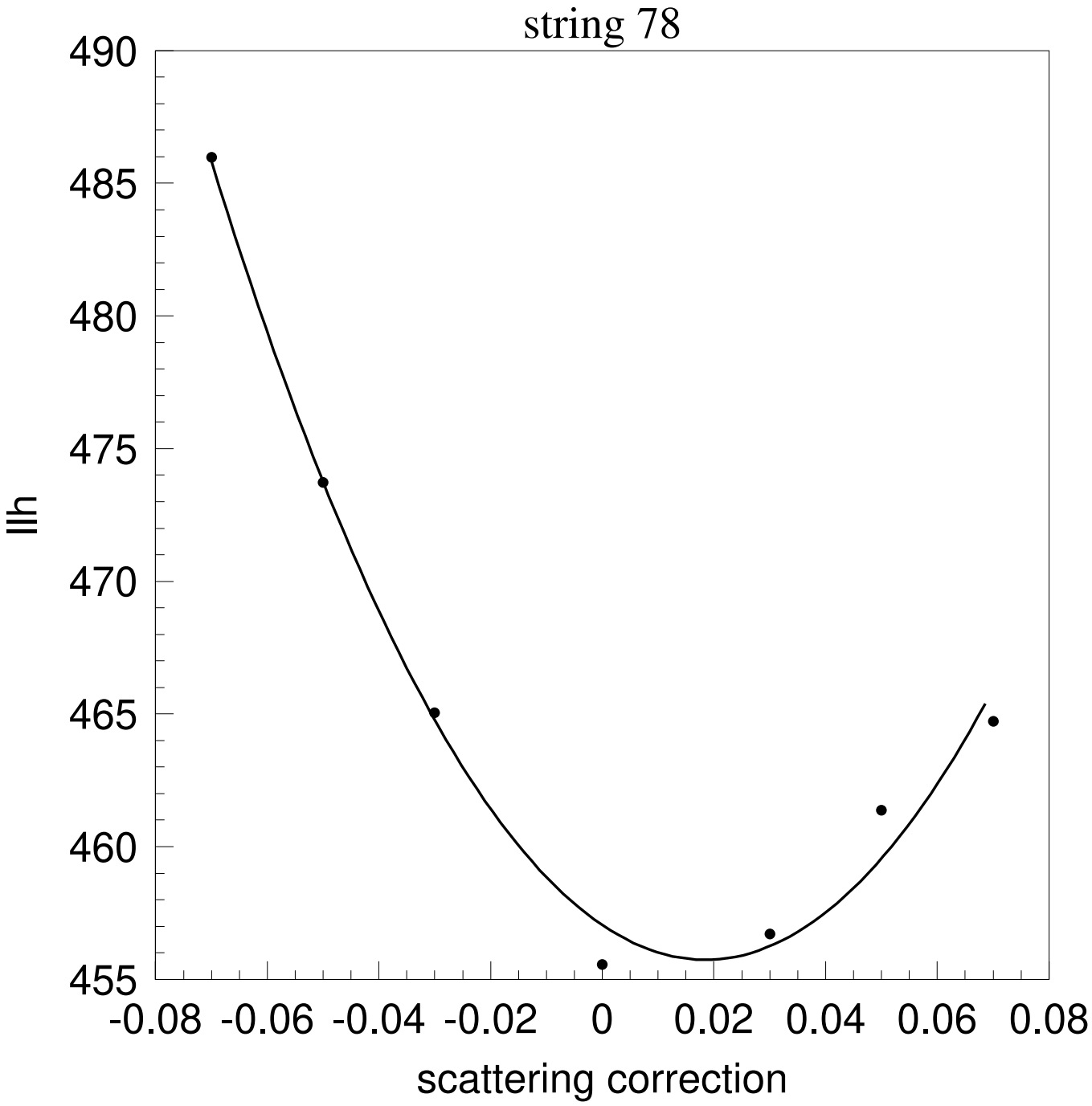

string 73
495
490
485
480
475
470
465
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

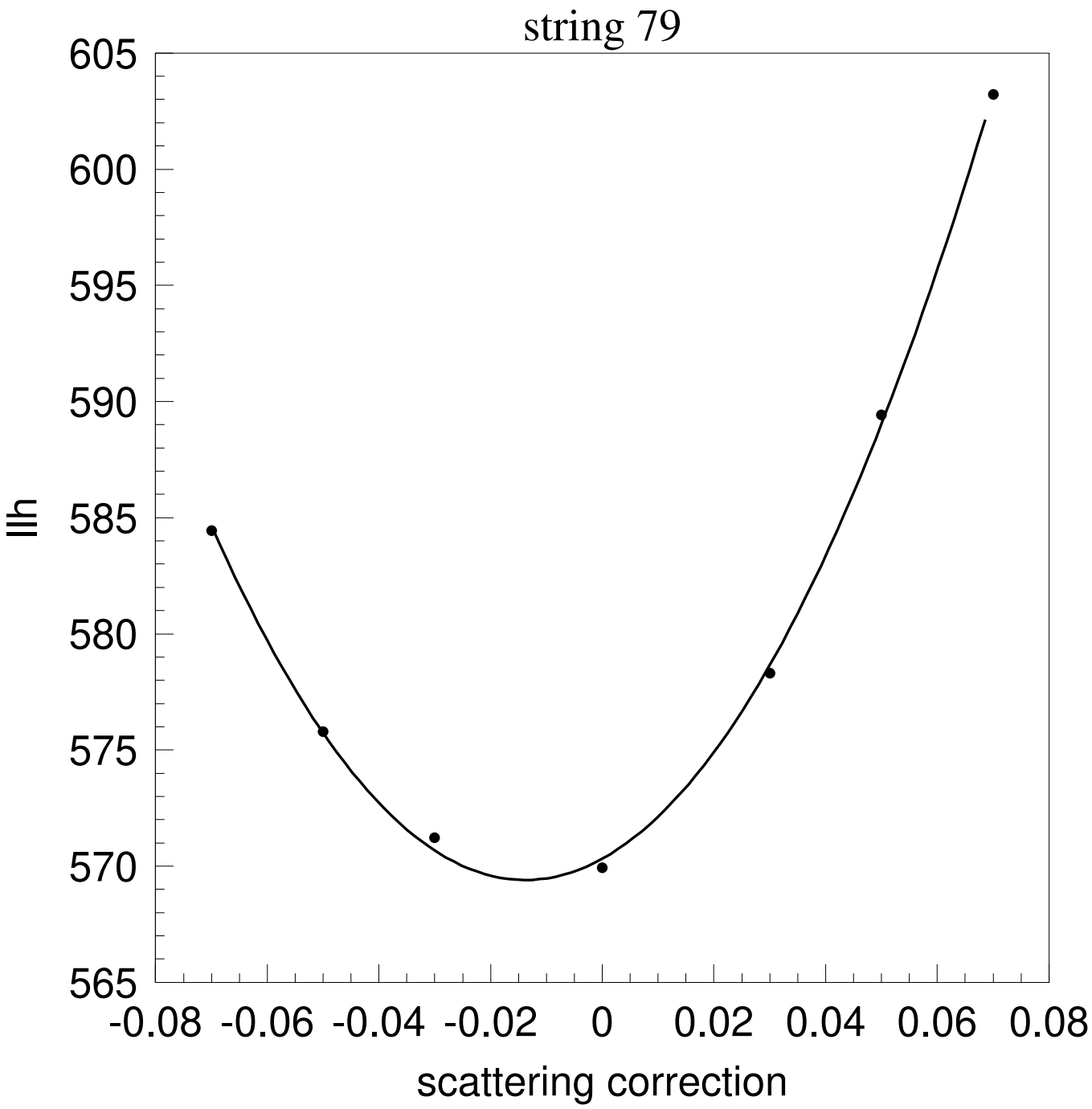

string 74
505
500
495
490
485
480
475
470
465
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

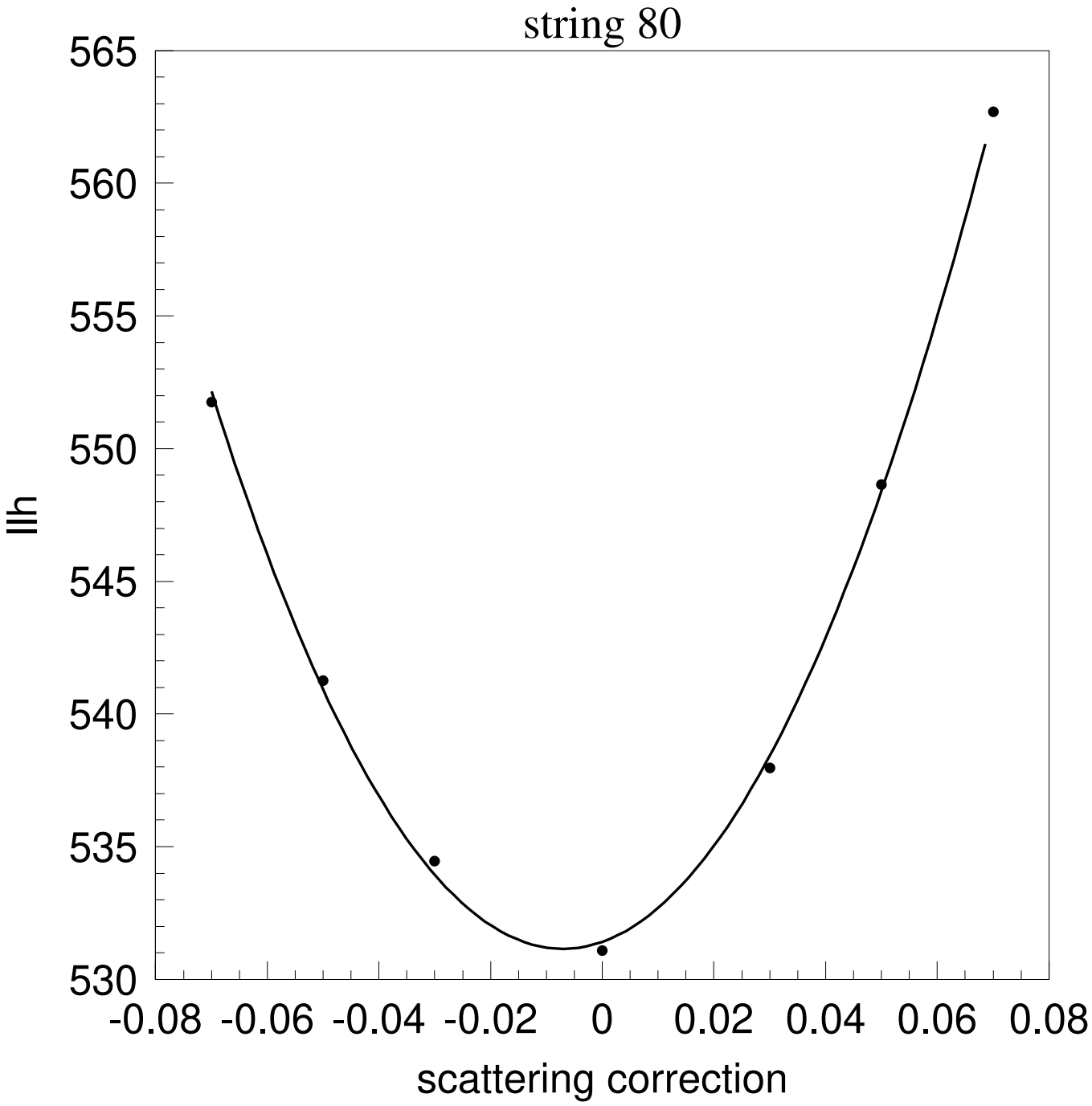

string 75
470
467.5
465
462.5
460
457.5
455
452.5
450
447.5
445
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

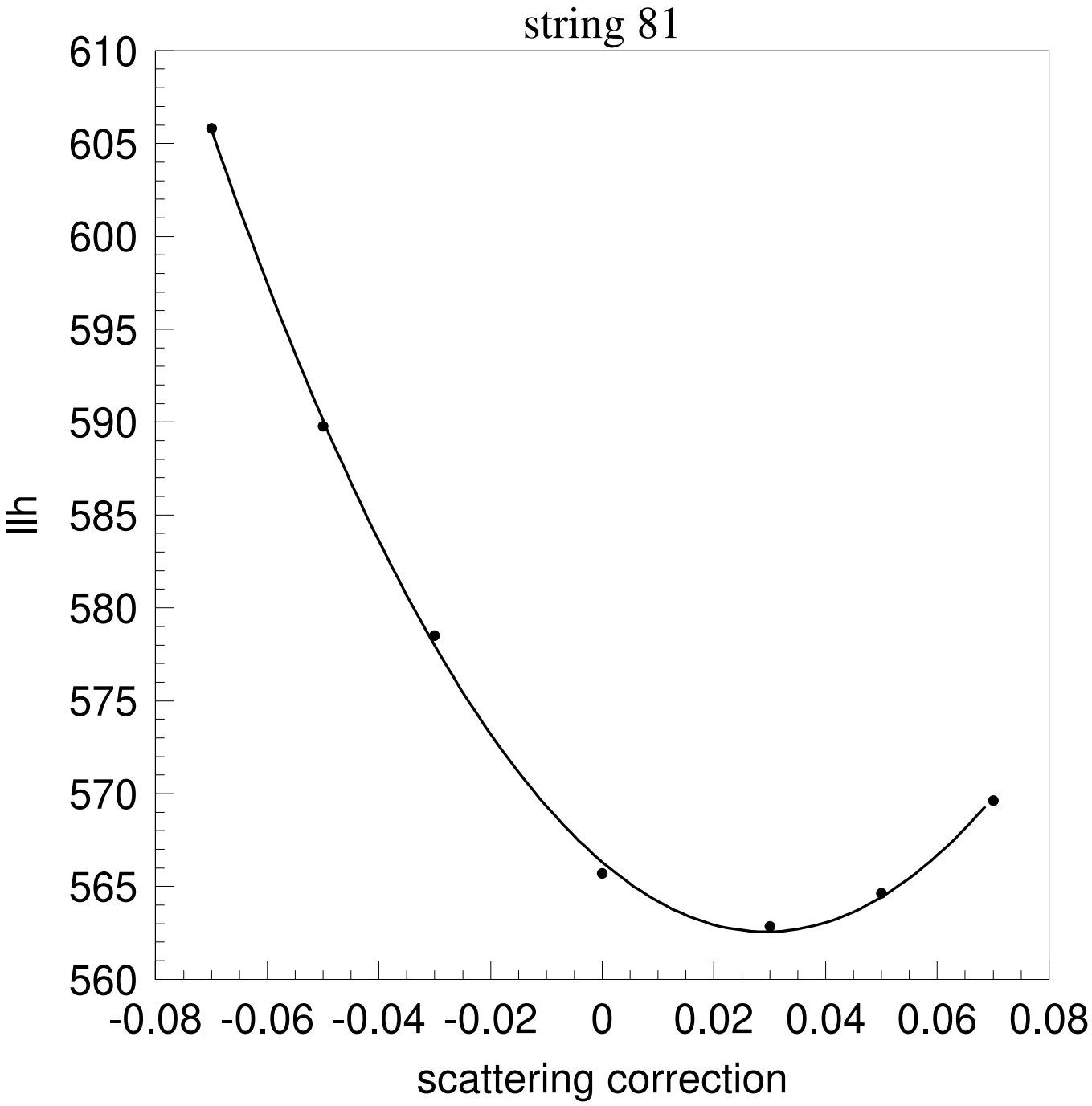

string 76
485
480
475
470
465
460
455
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

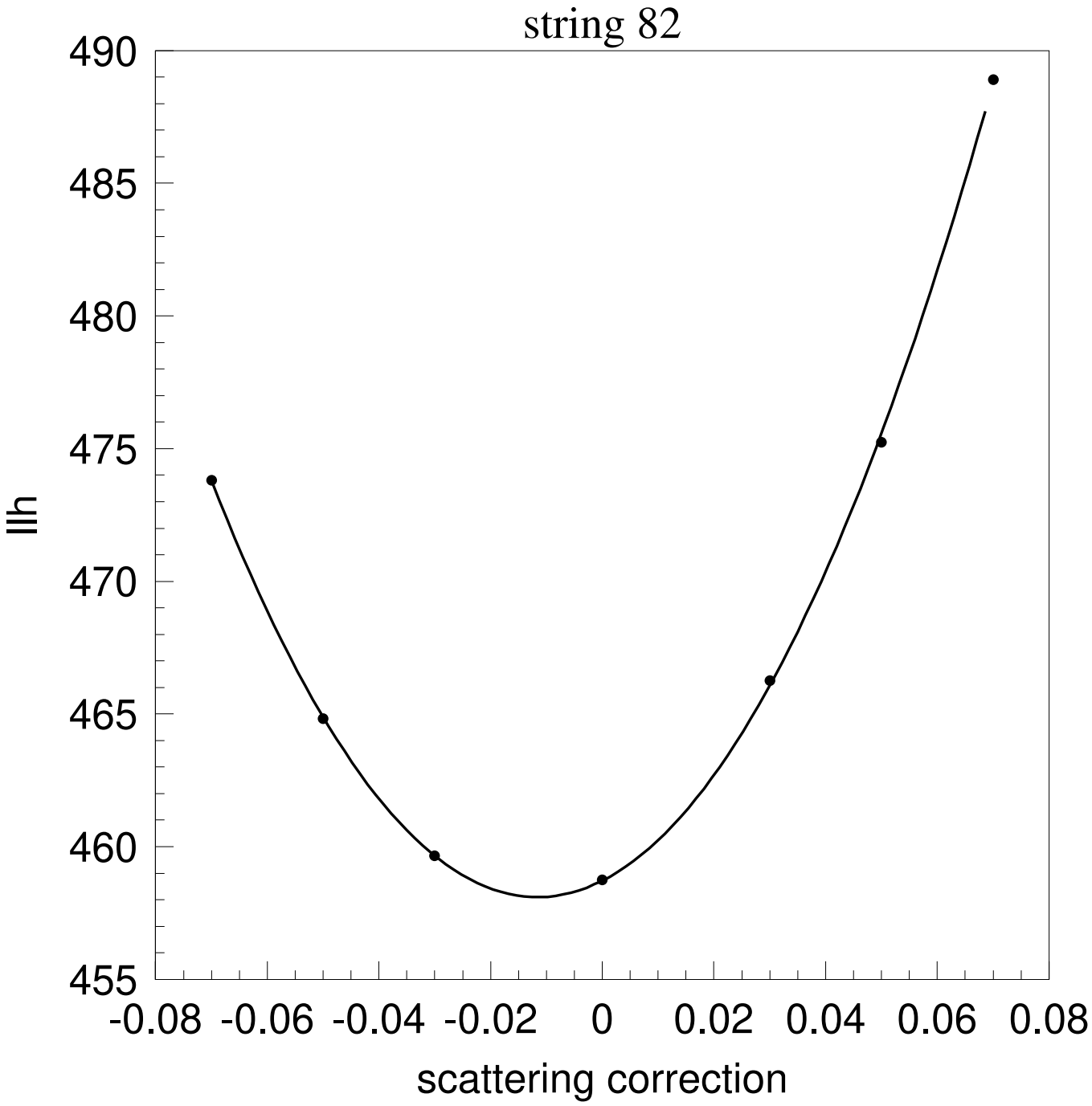

string 77
485
480
475
470
465
460
455
450
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

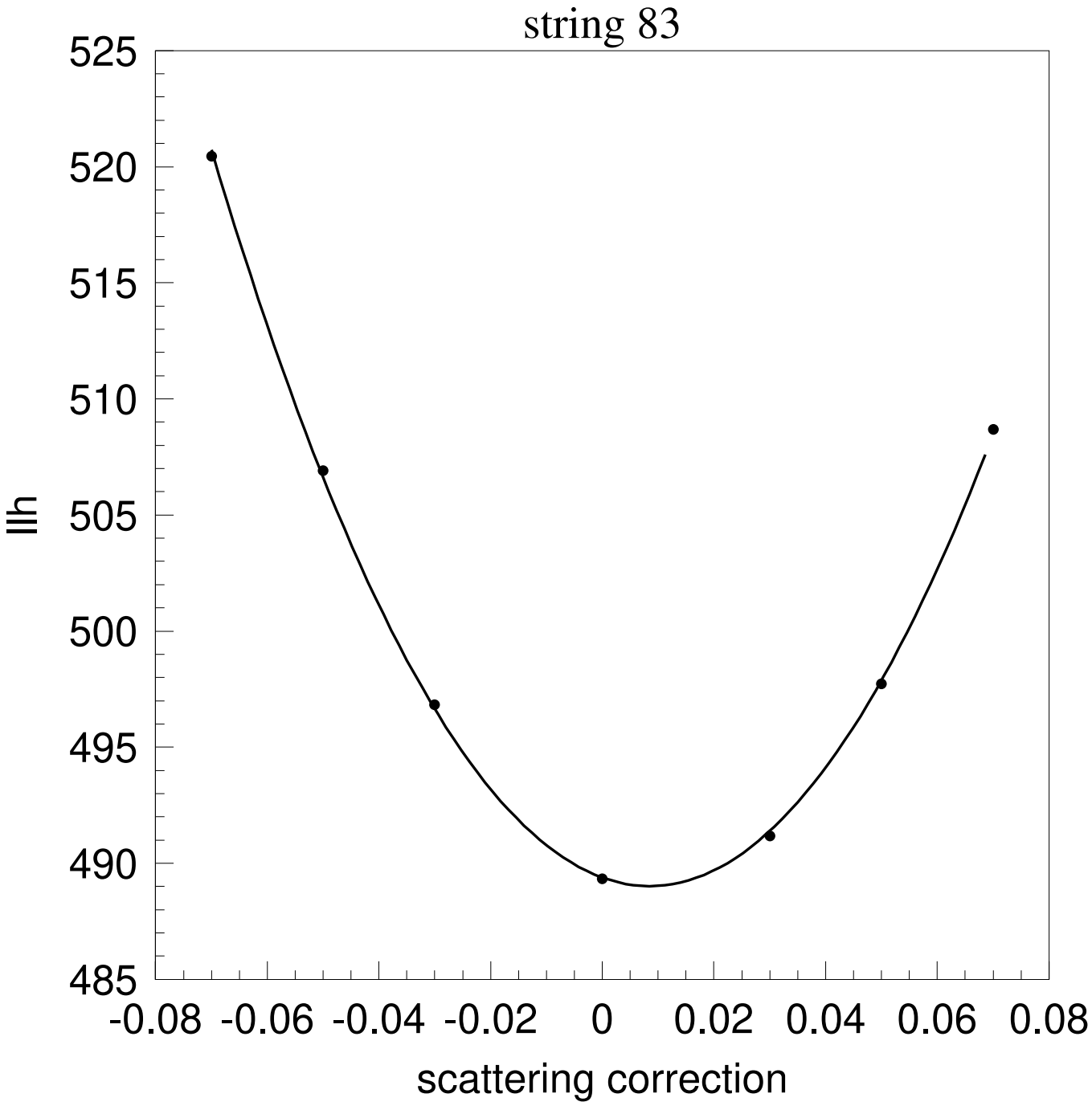

string 78
490
485
480
475
470
465
460
455
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

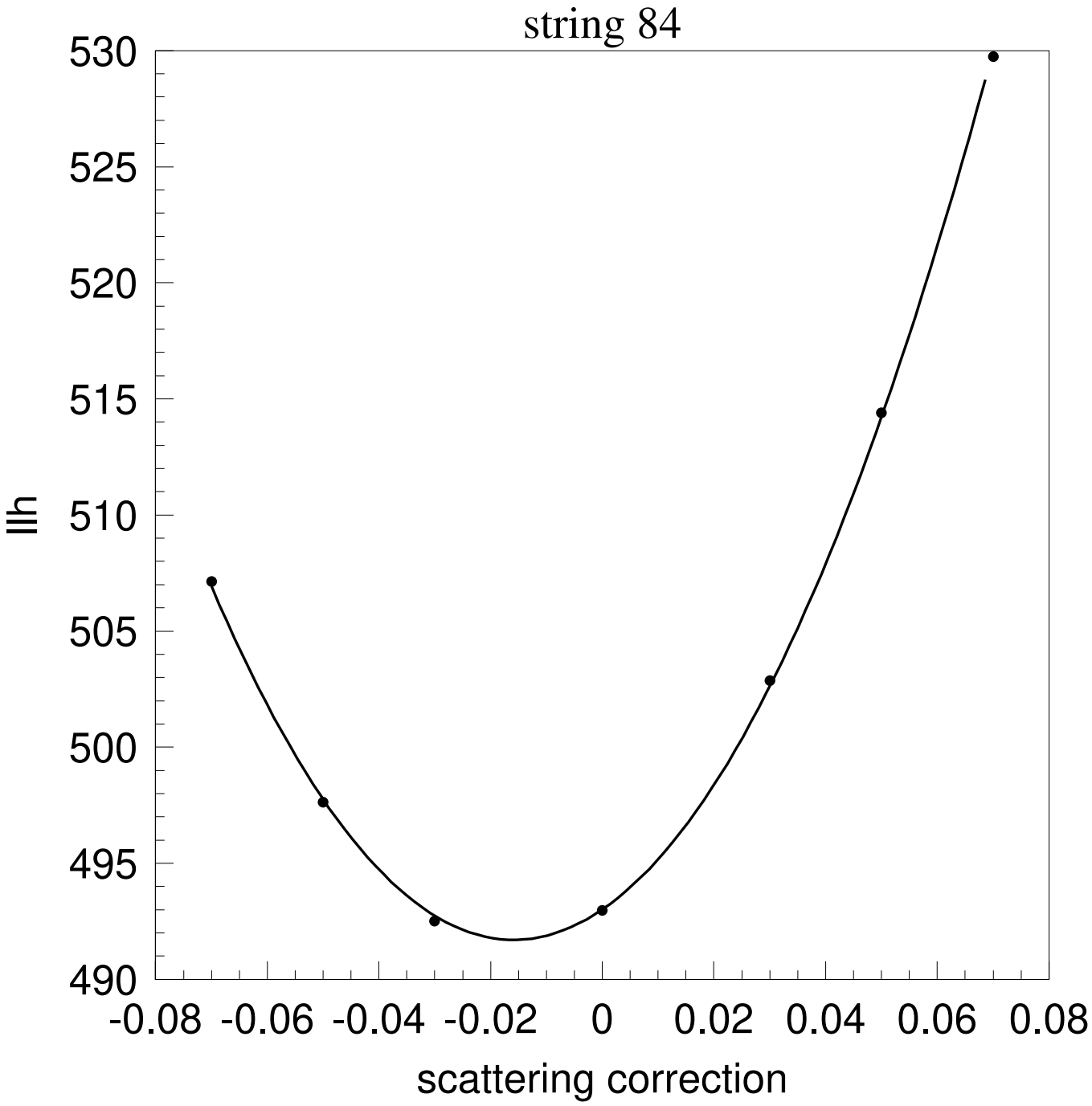

string 79
605
600
595
590
585
580
575
570
565
-lln
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

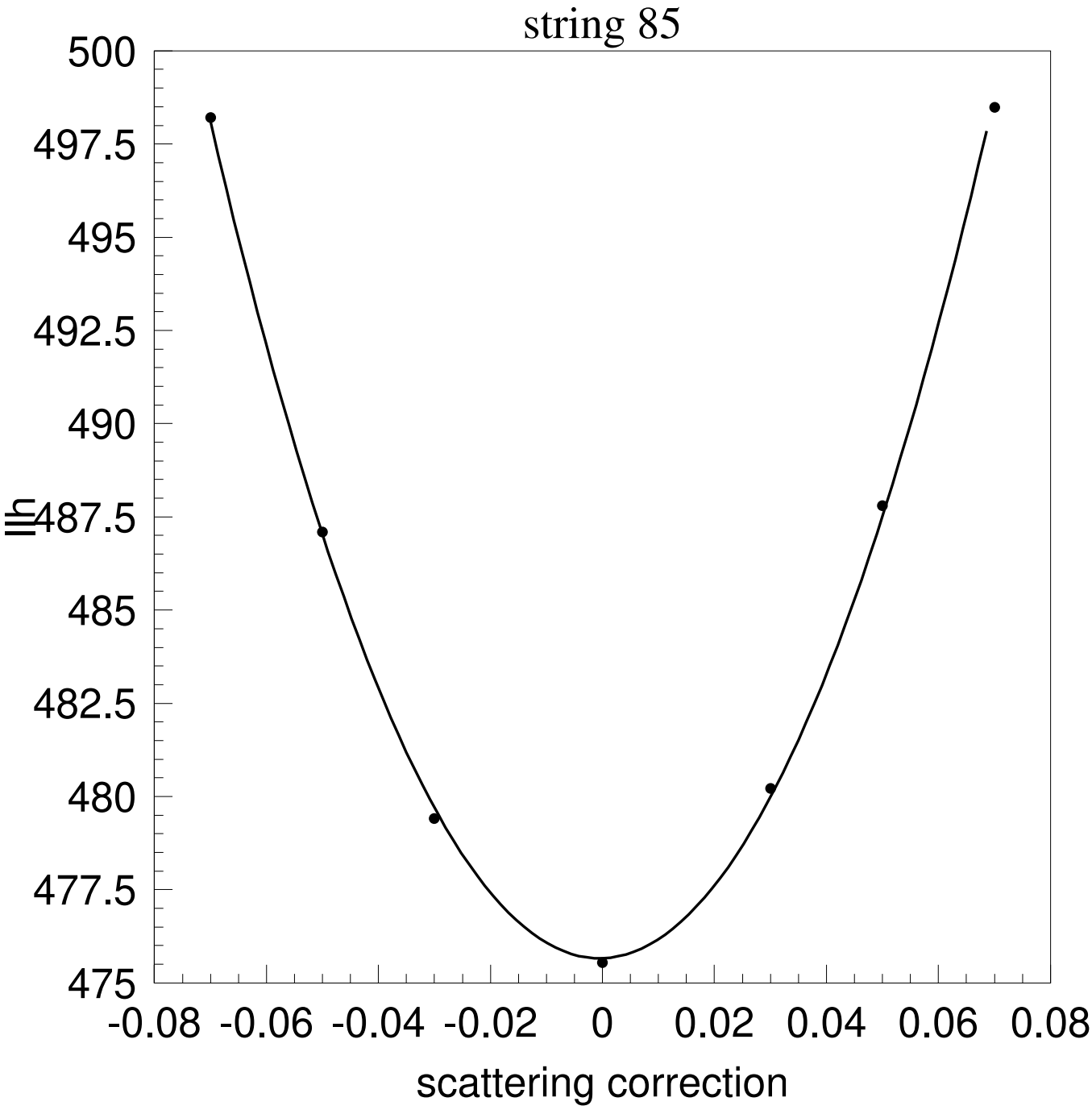

string 80
565
560
555
550
545
540
535
530
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction

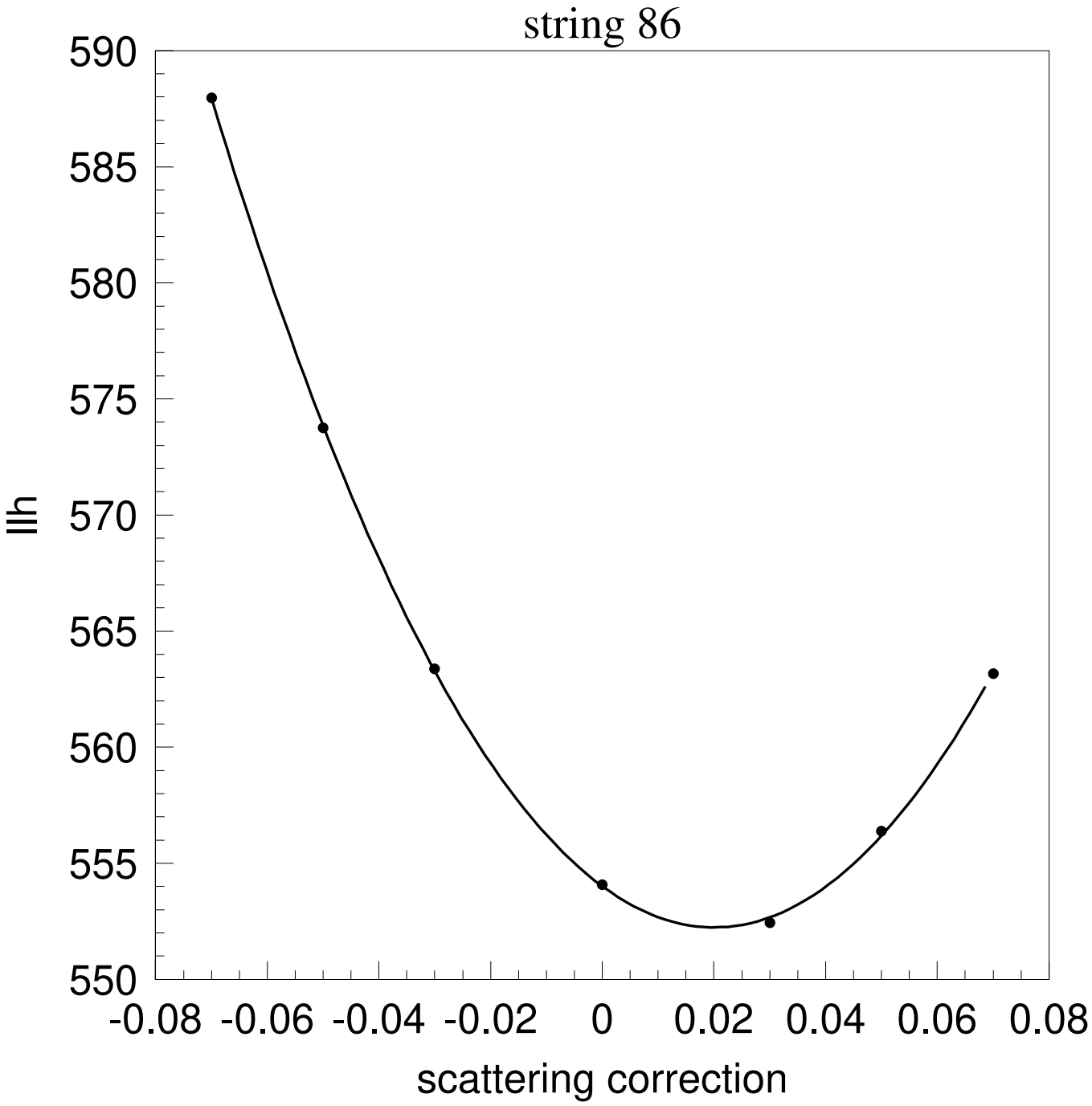

string 81
610
605
600
595
590
585
580
575
570
565
560
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction


string 82
490
485
480
475
470
465
460
455
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction


string 83
525
520
515
510
505
500
495
490
485
llh
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction


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


string 85
500
497.5
495
492.5
490
487.5
485
482.5
480
477.5
475
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction


string 86
590
585
580
575
570
565
560
555
550
-0.08
-0.06
-0.04
-0.02
0
0.02
0.04
0.06
0.08
scattering correction