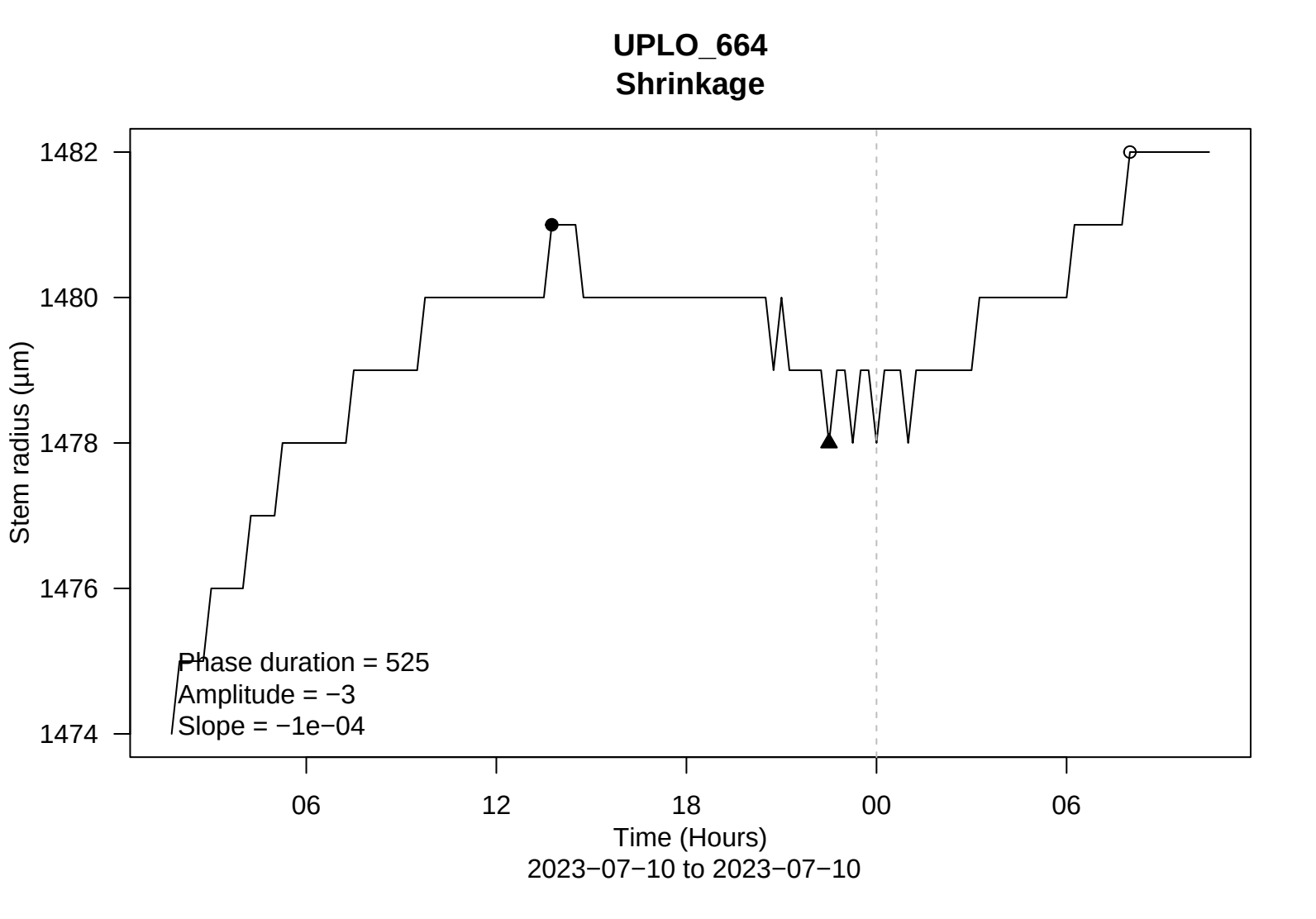
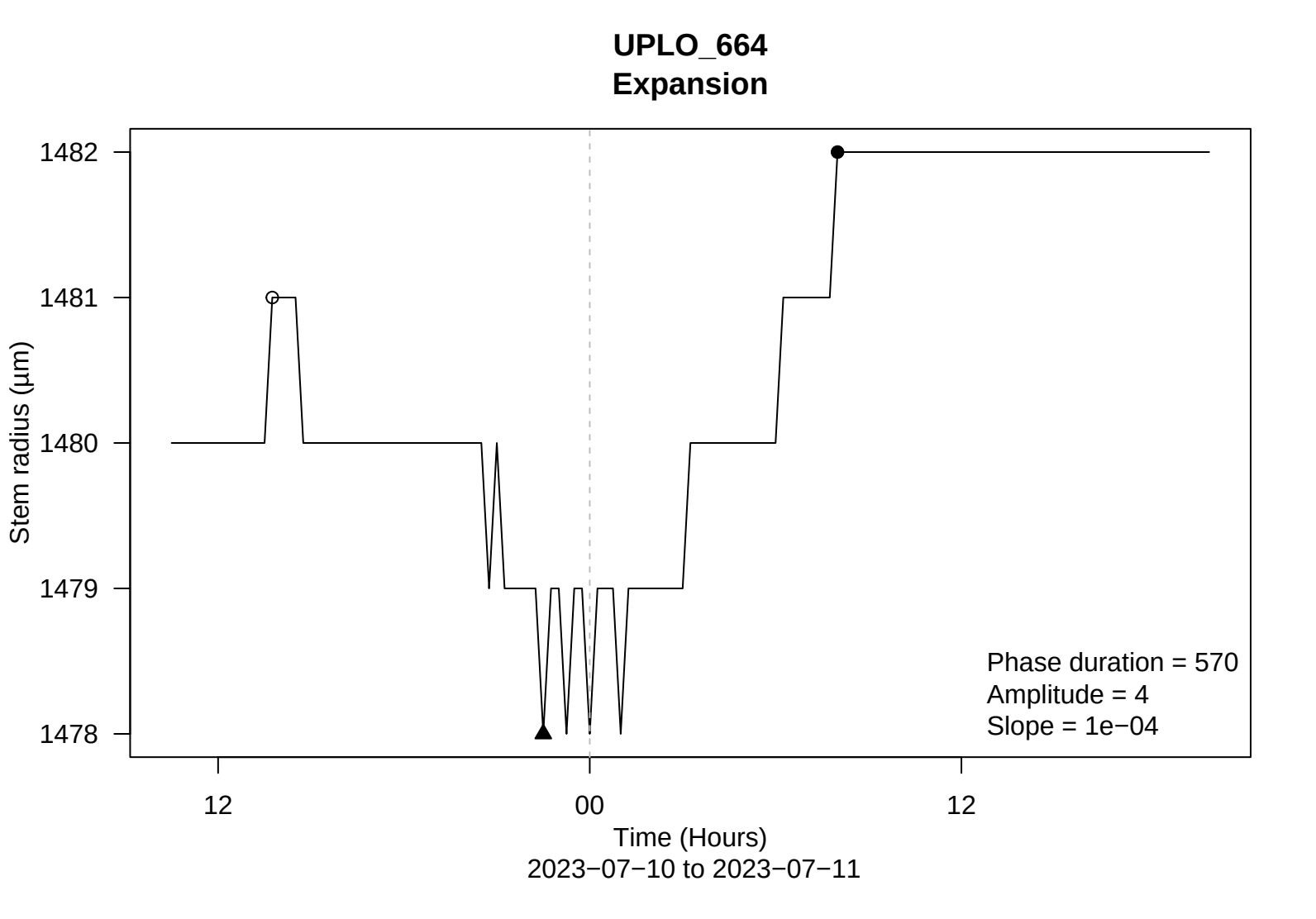
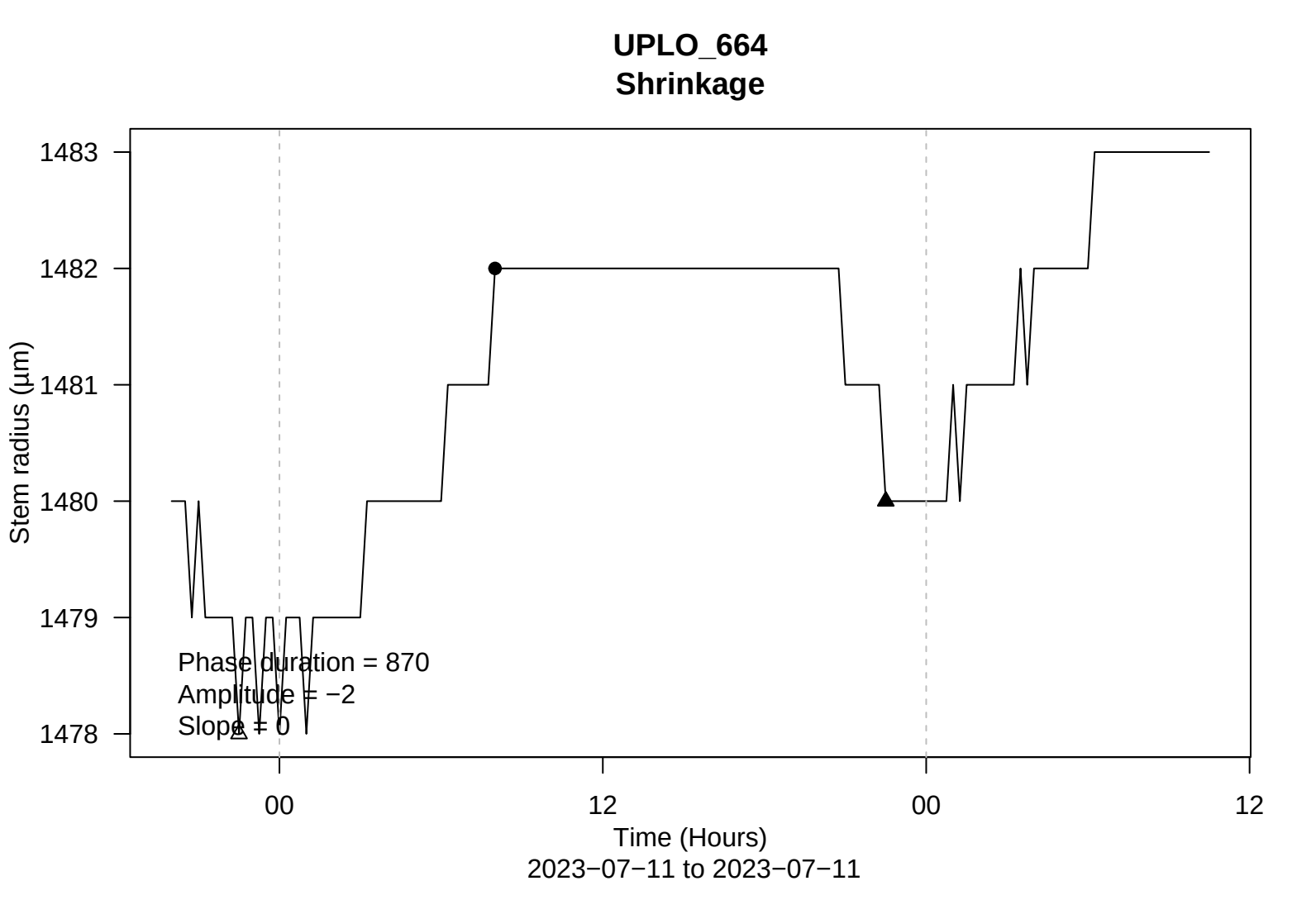
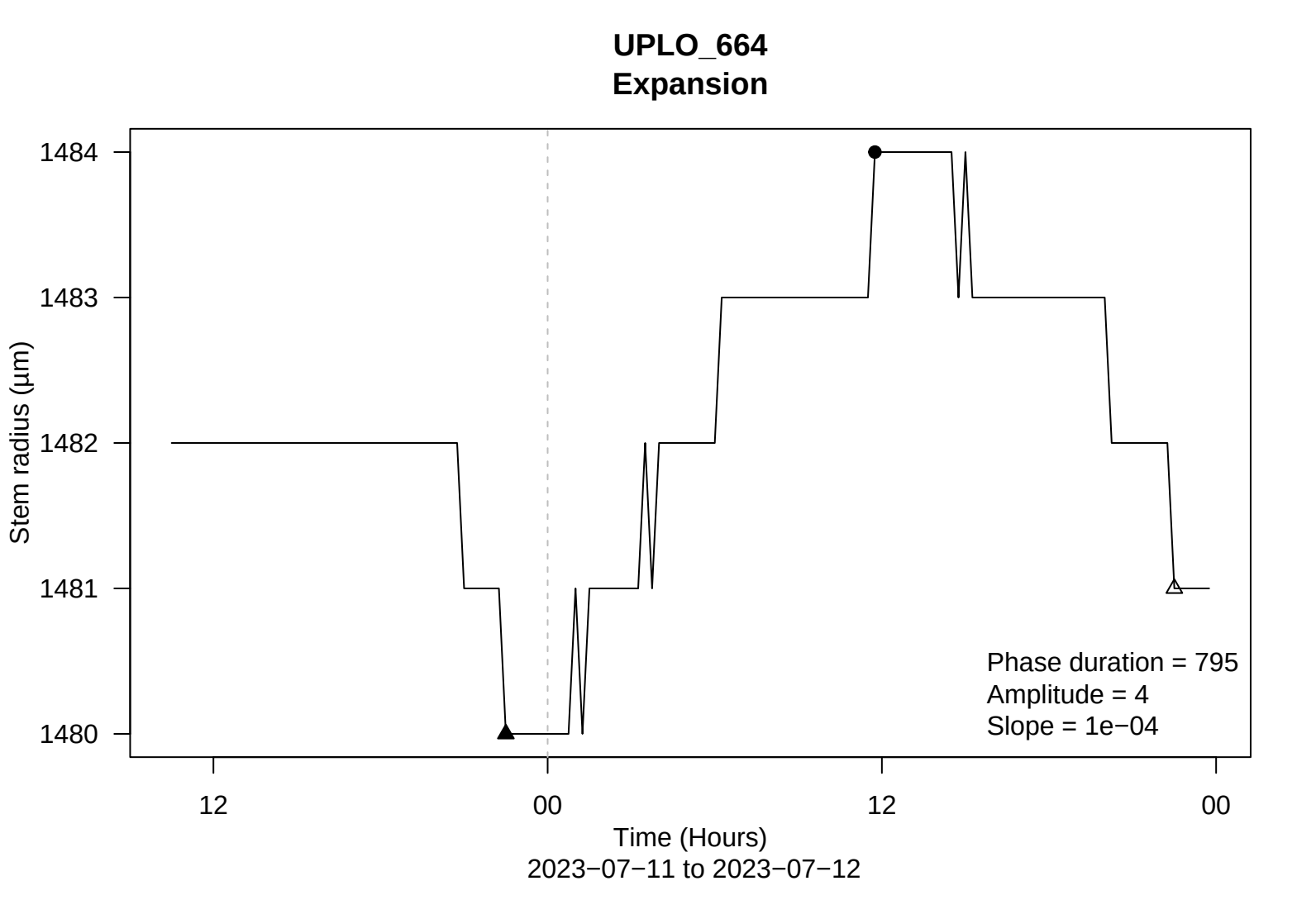
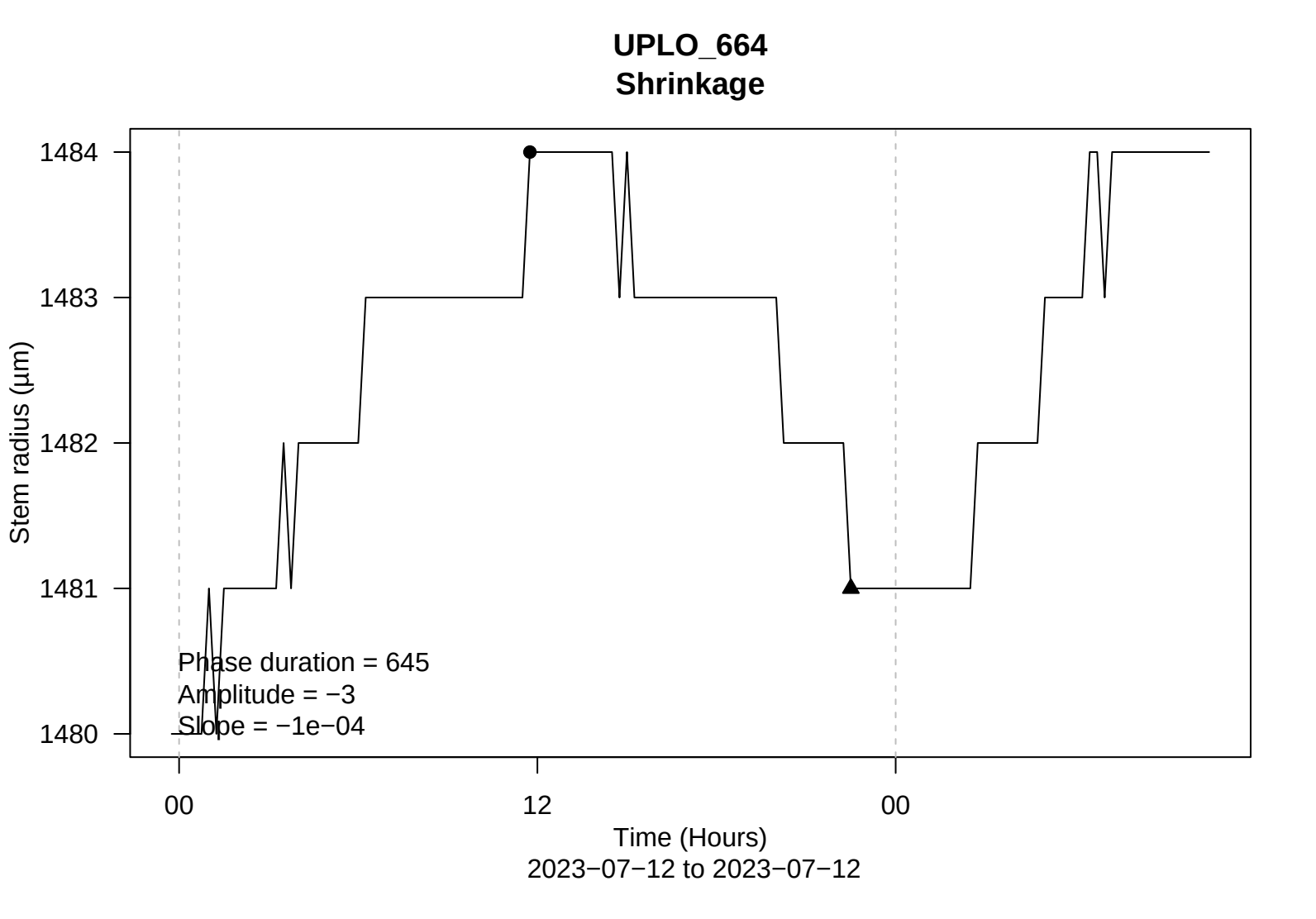
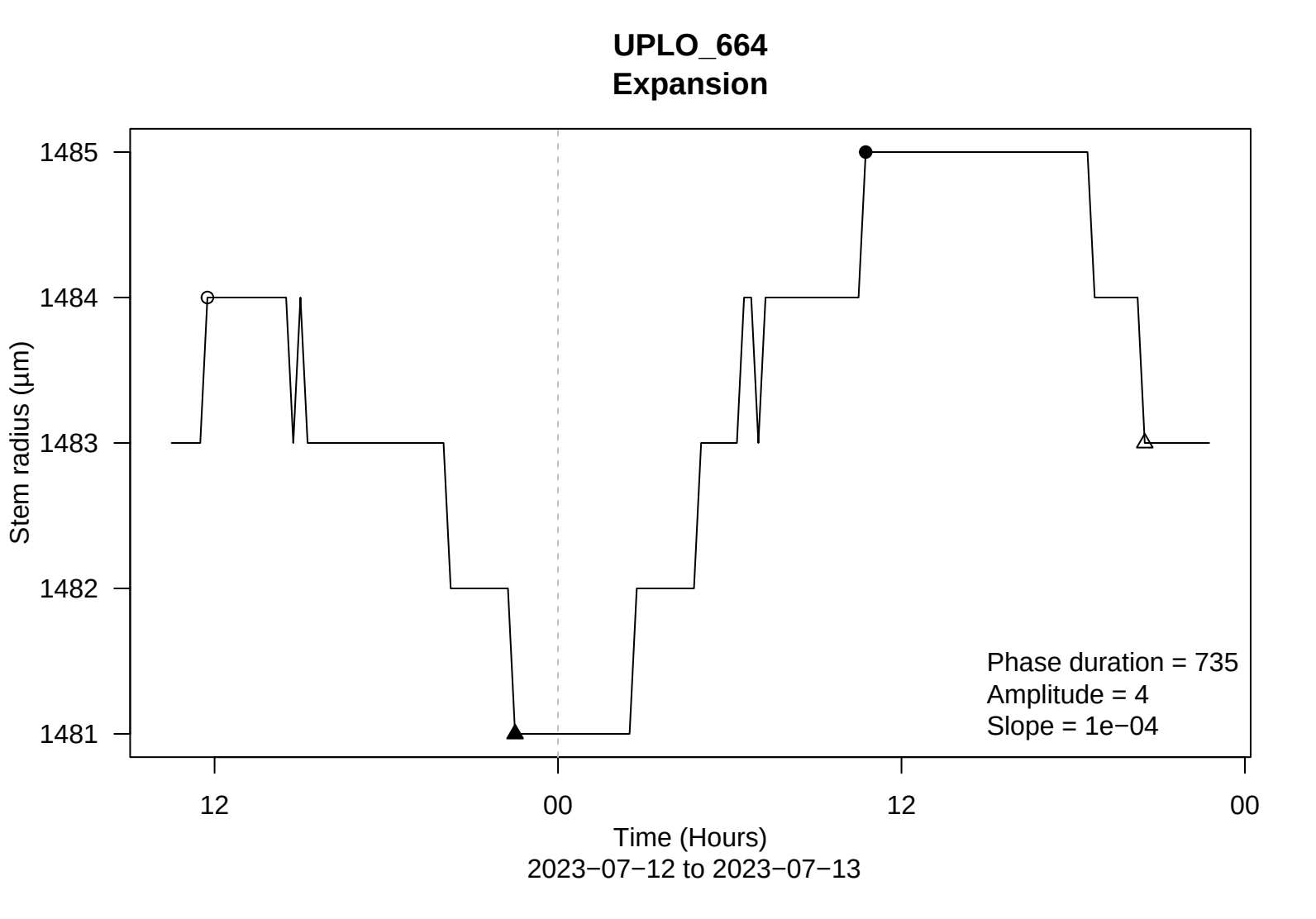

UPLO_664
Shrinkage
1482
1480
1478
1476
1474
Stem radius (µm)
Phase duration = 525
Amplitude = −3
Slope = −1e−04
06
12
18
00
06
Time (Hours)
2023−07−10 to 2023−07−10

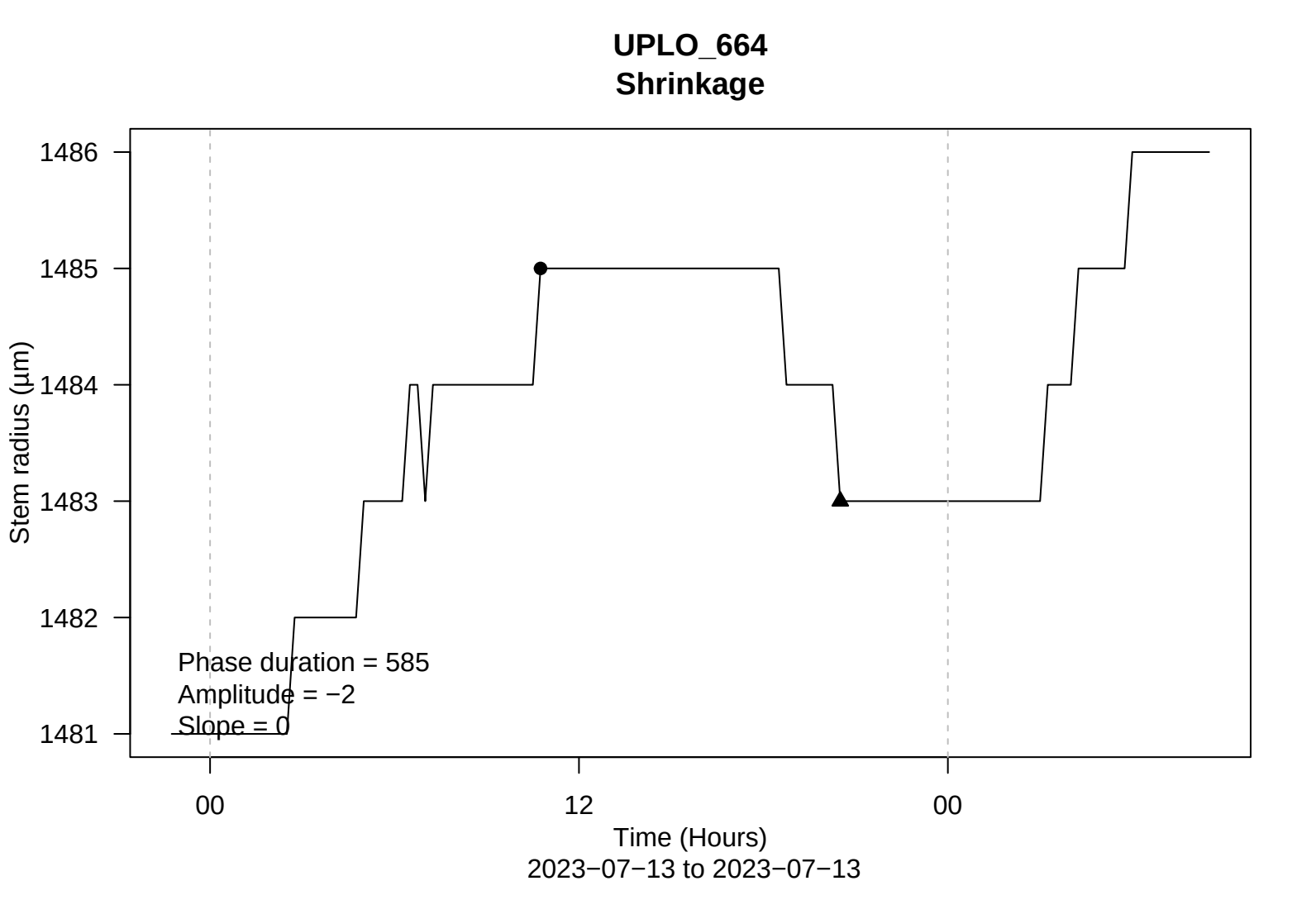

UPLO_664
Expansion
1482
1481
1480
1479
1478
Stem radius (µm)
Phase duration = 570
Amplitude = 4
Slope = 1e−04
12
00
12
Time (Hours)
2023−07−10 to 2023−07−11

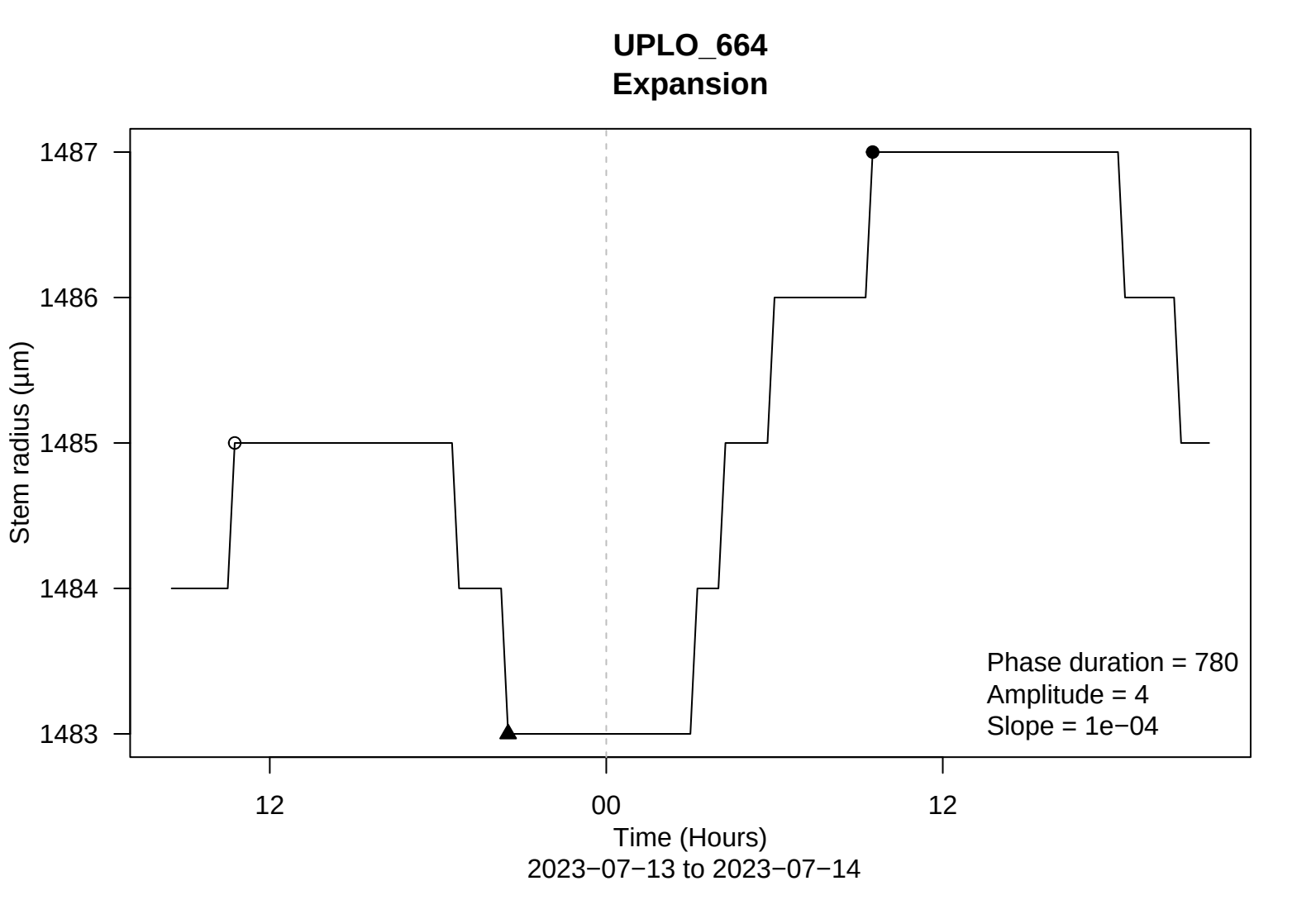

UPLO_664
Shrinkage
1483
1482
1481
1480
1479
1478
Stem radius (µm)
Phase duration = 870
Amplitude = −2
Slope = 0
00
12
00
12
Time (Hours)
2023−07−11 to 2023−07−11

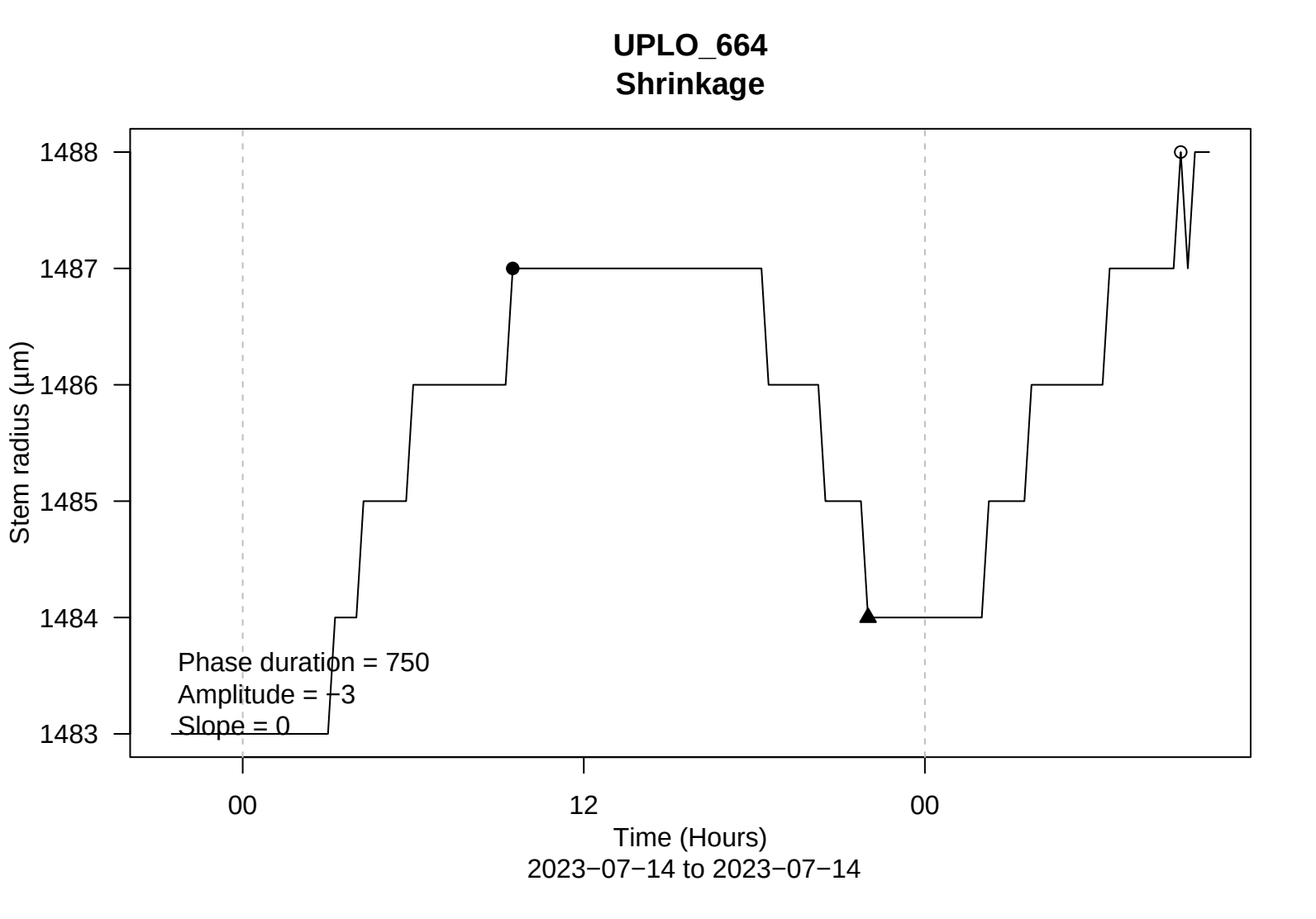

UPLO_664
Expansion
1484
1483
1482
1481
1480
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−07−11 to 2023−07−12
Phase duration = 795
Amplitude = 4
Slope = 1e−04

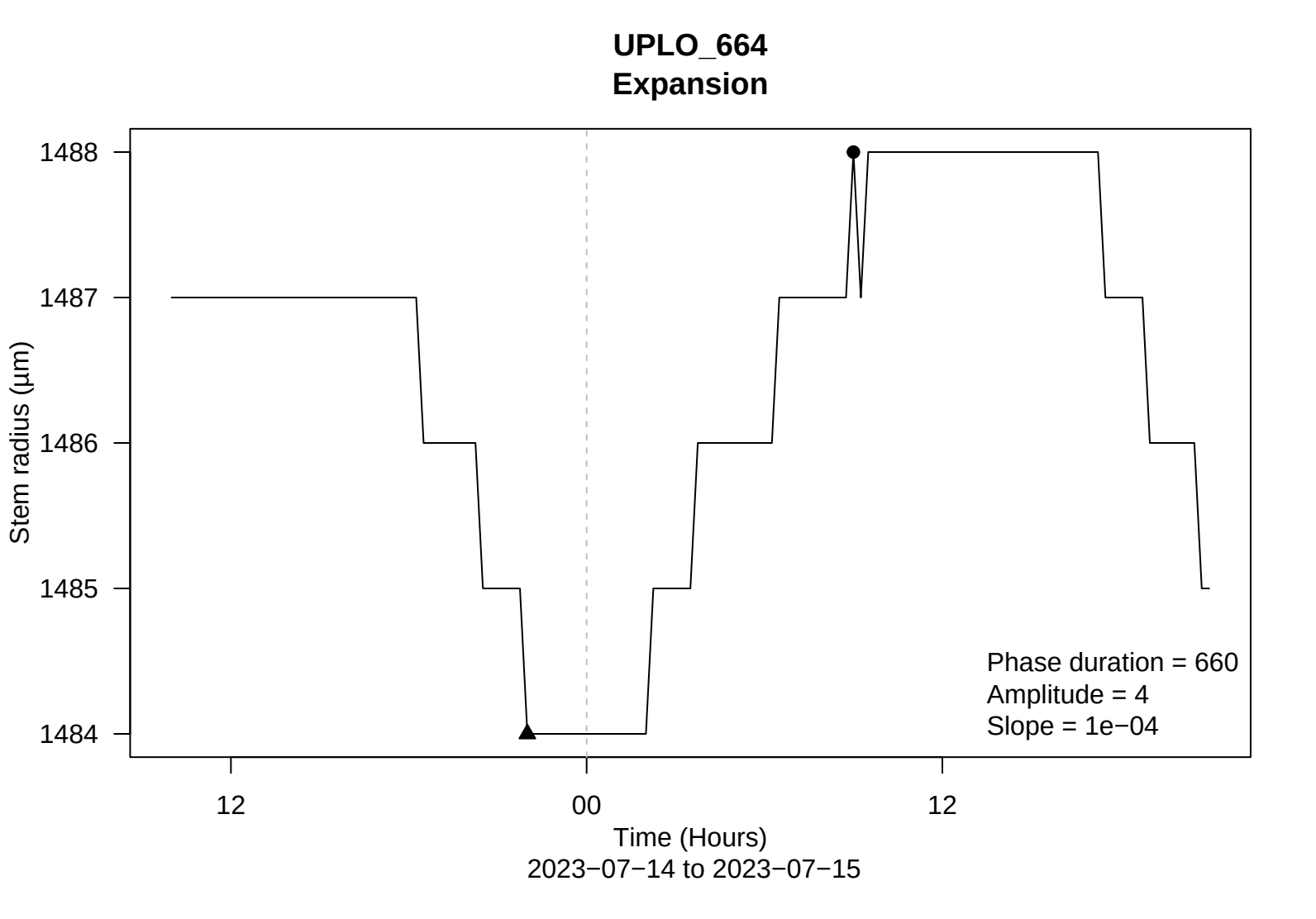

UPLO_664
Shrinkage
1484
1483
1482
1481
1480
Stem radius (µm)
Phase duration = 645
Amplitude = −3
Slope = −1e−04
00
12
00
Time (Hours)
2023−07−12 to 2023−07−12

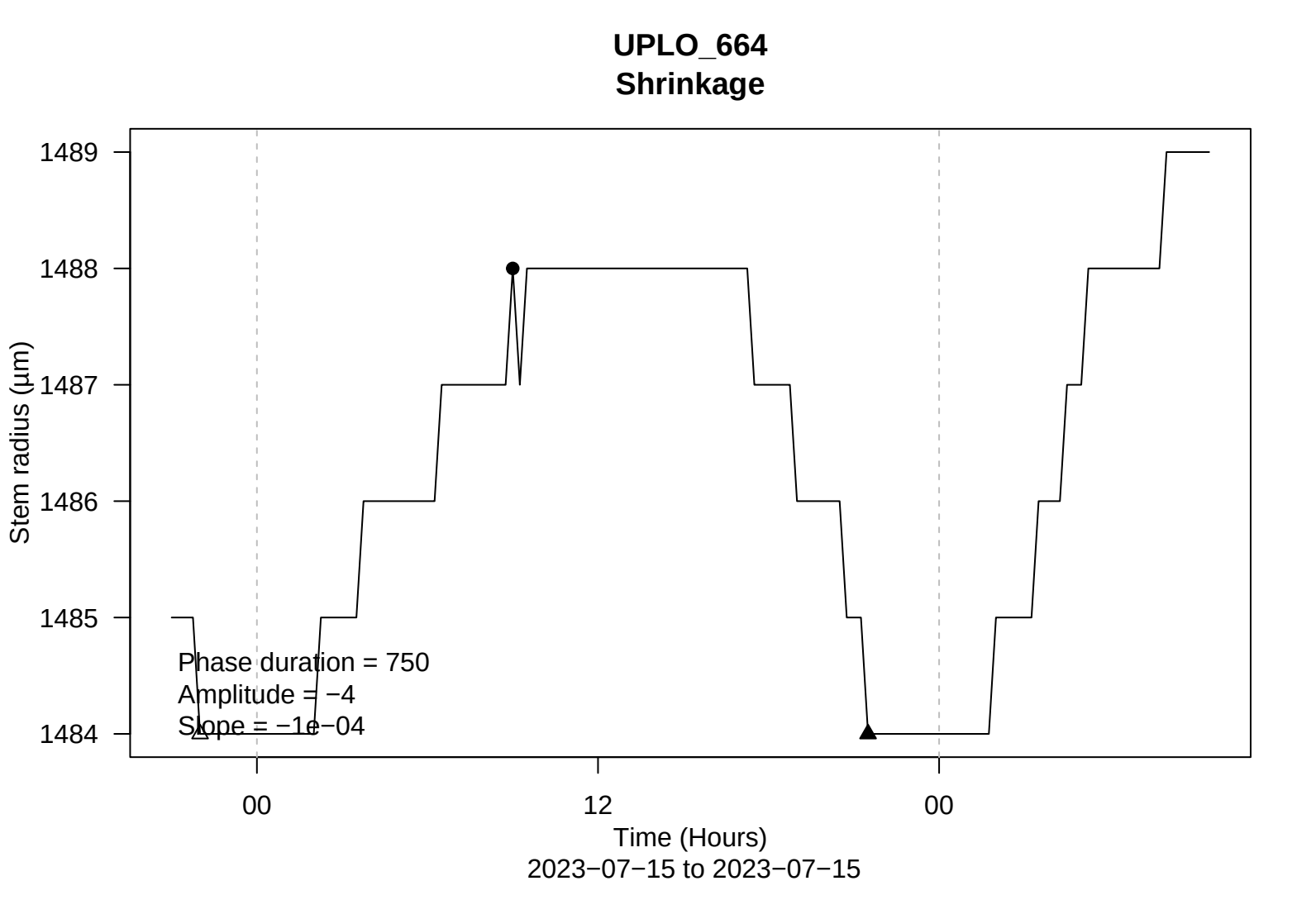

UPLO_664
Expansion
1485
1484
1483
1482
1481
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−07−12 to 2023−07−13
Phase duration = 735
Amplitude = 4
Slope = 1e−04

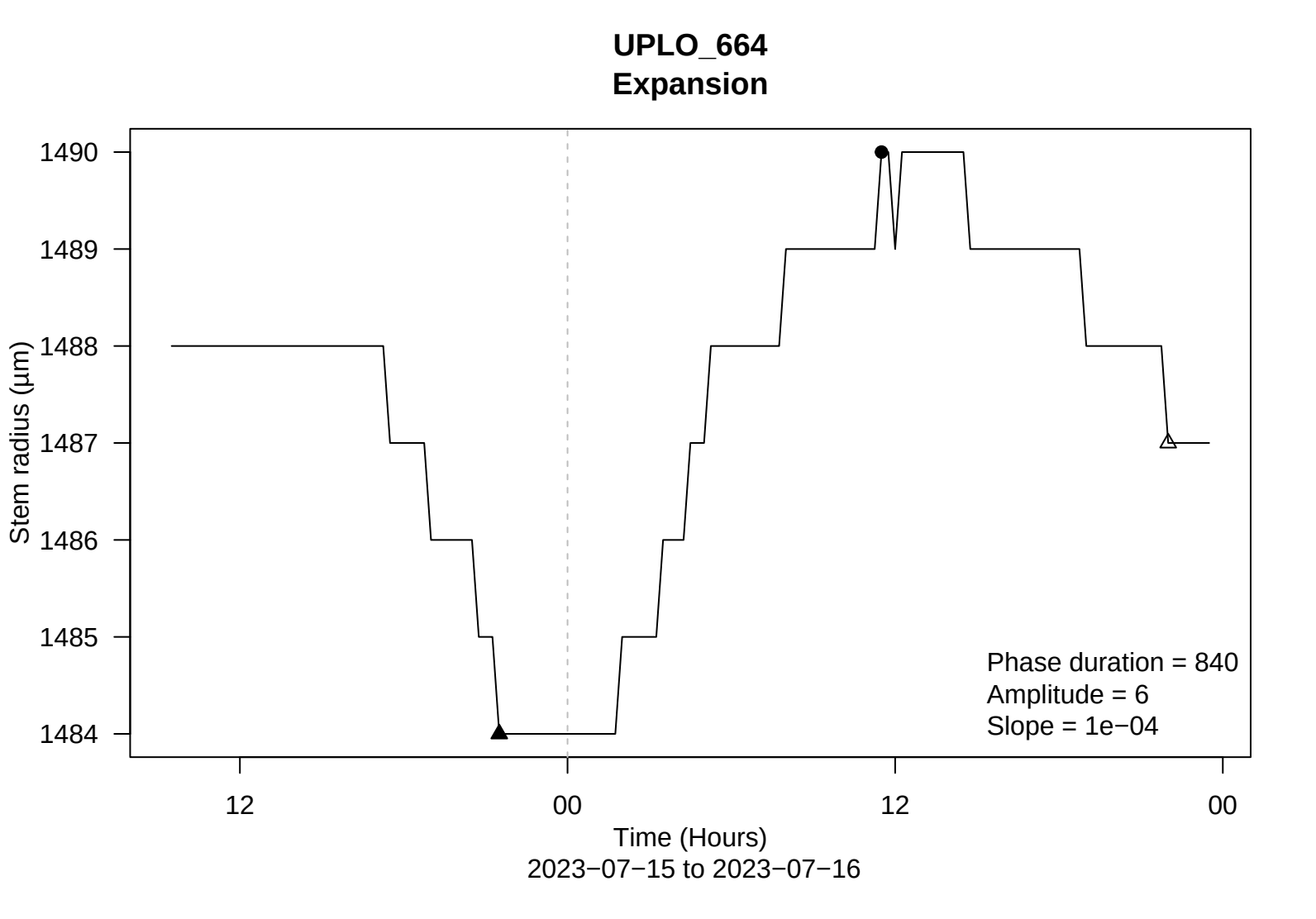

UPLO_664
Shrinkage
1486
1485
1484
1483
1482
1481
Stem radius (µm)
Phase duration = 585
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−07−13 to 2023−07−13

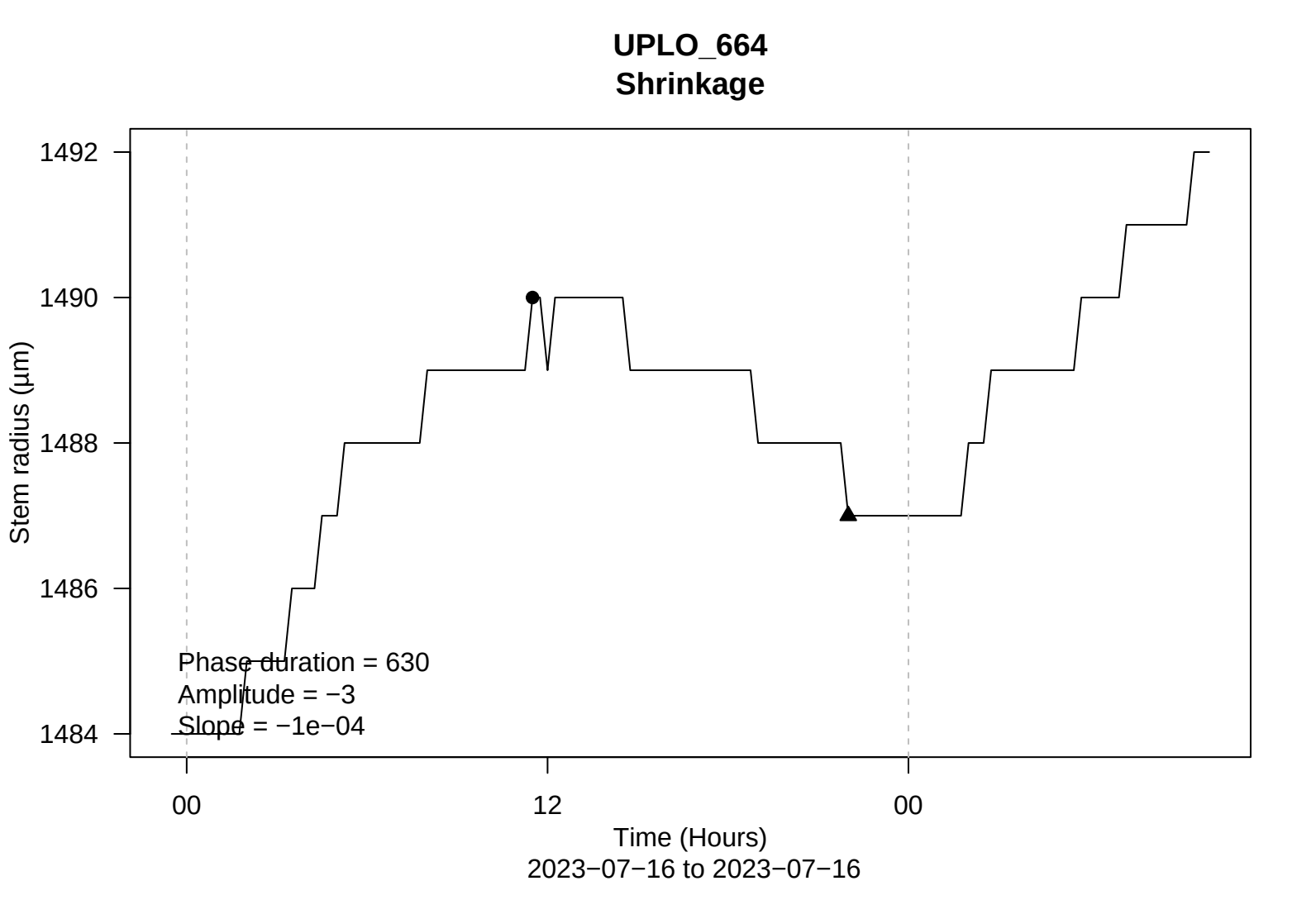

UPLO_664
Expansion
1487
1486
1485
1484
1483
Stem radius (µm)
12
00
12
Time (Hours)
2023−07−13 to 2023−07−14
Phase duration = 780
Amplitude = 4
Slope = 1e−04

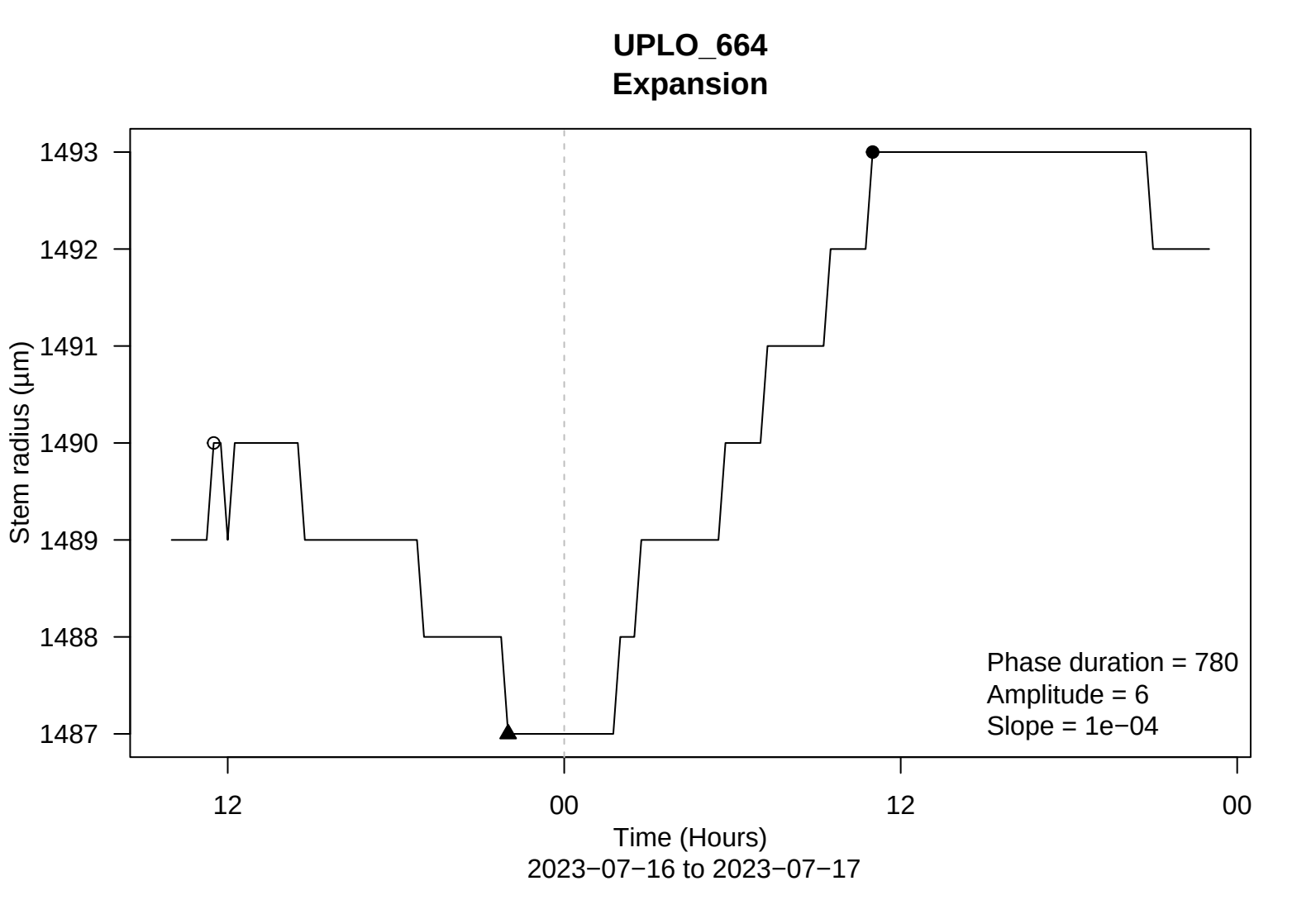

UPLO_664
Shrinkage
1488
1487
1486
1485
1484
1483
Stem radius (µm)
Phase duration = 750
Amplitude = −3
Slope = 0
00
12
00
Time (Hours)
2023−07−14 to 2023−07−14

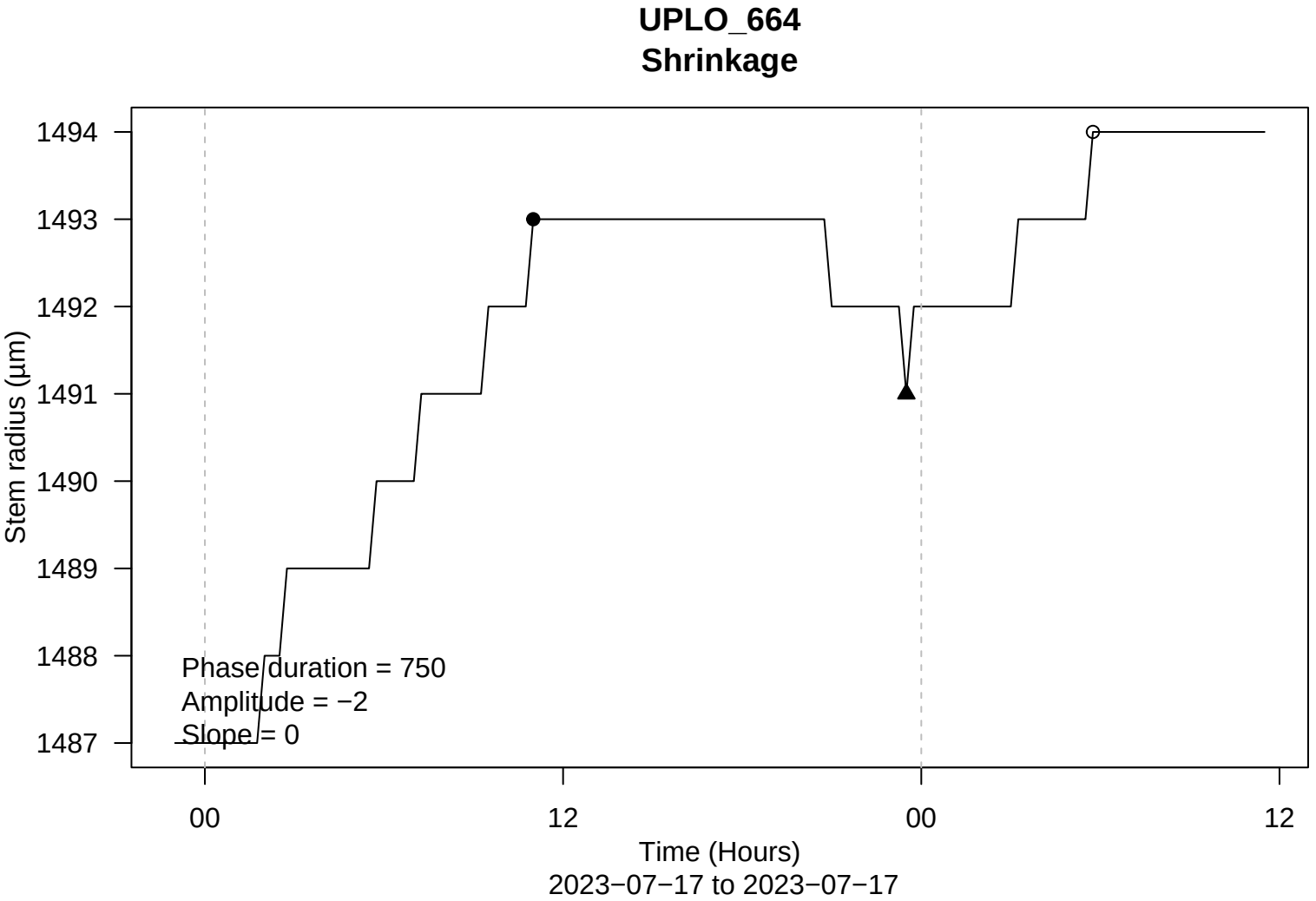

UPLO_664
Expansion
1488
1487
1486
1485
1484
Stem radius (µm)
Phase duration = 660
Amplitude = 4
Slope = 1e−04
12
00
12
Time (Hours)
2023−07−14 to 2023−07−15

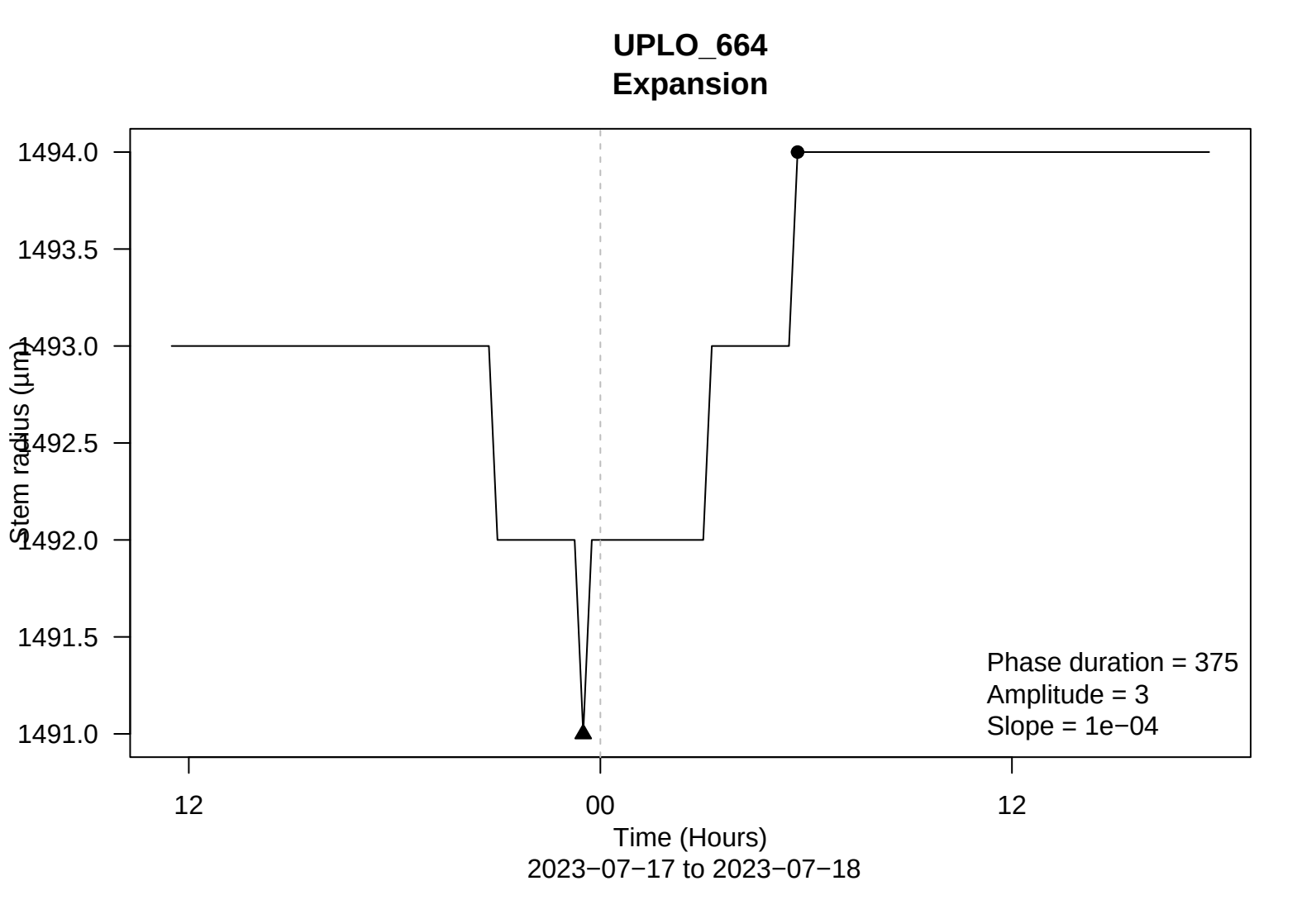

UPLO_664
Shrinkage
1489
1488
1487
1486
1485
1484
Stem radius (µm)
Phase duration = 750
Amplitude = −4
Slope = −1e−04
00
12
00
Time (Hours)
2023−07−15 to 2023−07−15

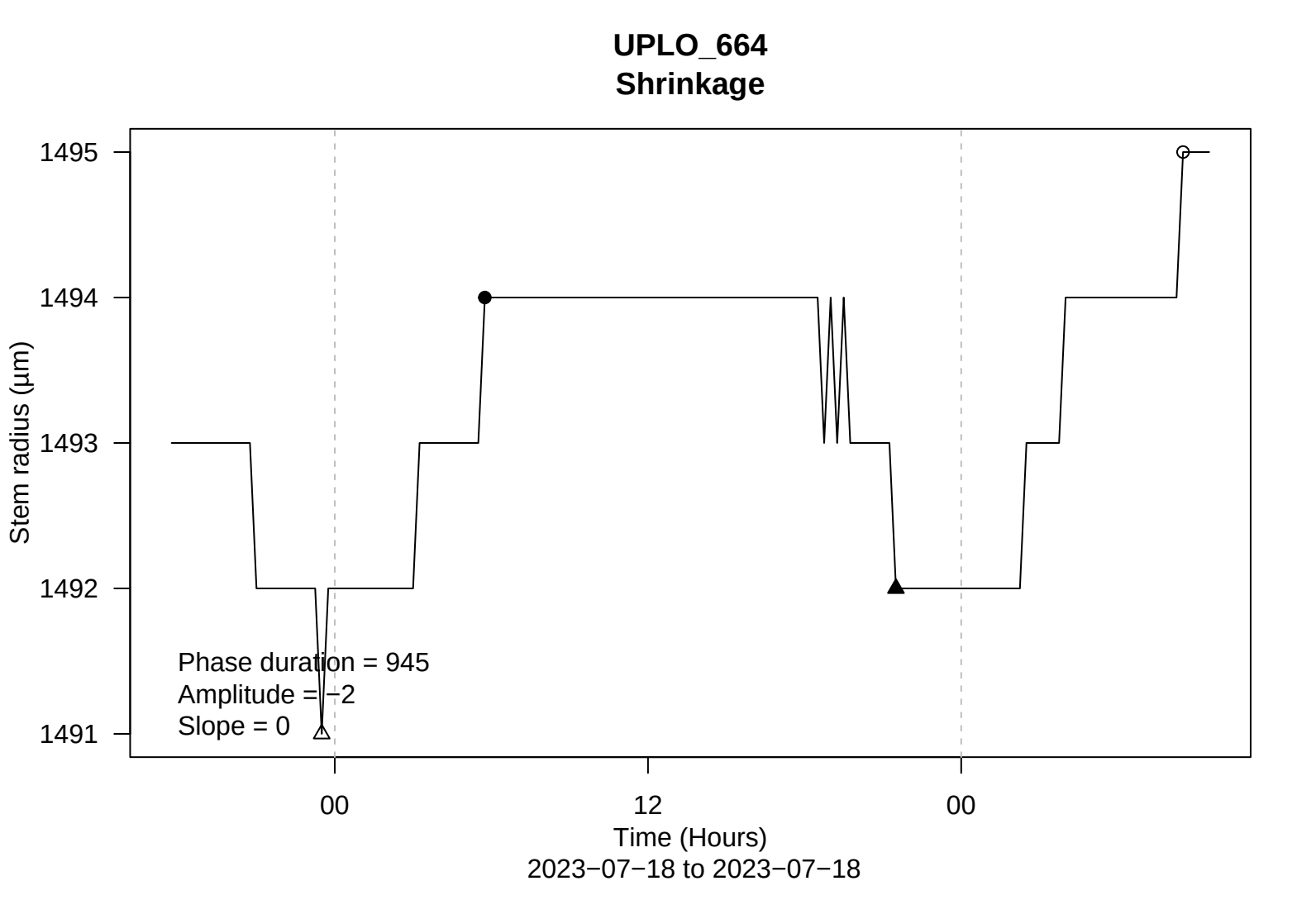

UPLO_664
Expansion
1490
1489
1488
1487
1486
1485
1484
Stem radius (µm)
Phase duration = 840
Amplitude = 6
Slope = 1e−04
12
00
12
00
Time (Hours)
2023−07−15 to 2023−07−16

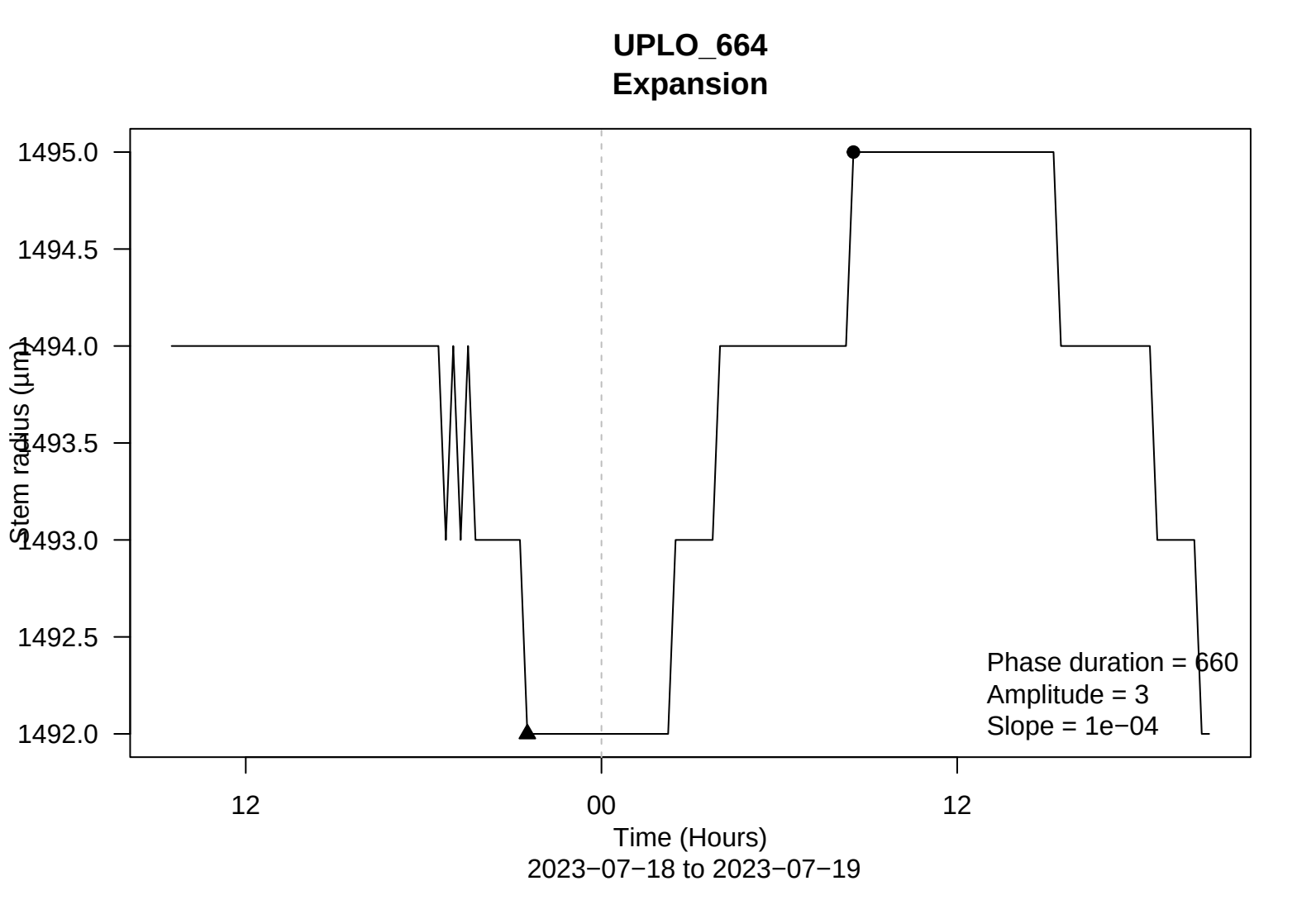

UPLO_664
Shrinkage
1492
1490
1488
1486
1484
Stem radius (µm)
Phase duration = 630
Amplitude = −3
Slope = −1e−04
00
12
00
Time (Hours)
2023−07−16 to 2023−07−16

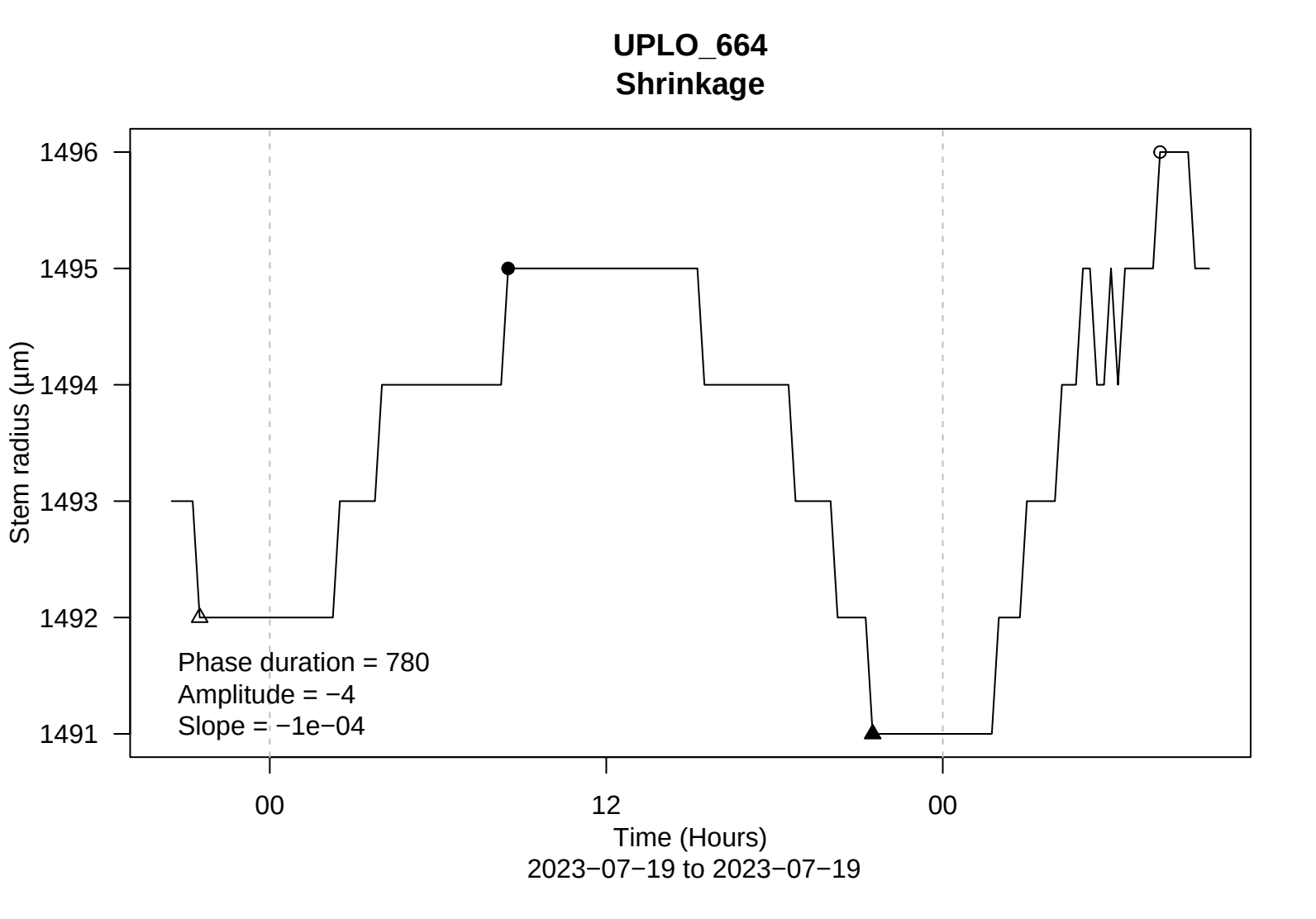

UPLO_664
Expansion
1493
1492
1491
1490
1489
1488
1487
Stem radius (µm)
Phase duration = 780
Amplitude = 6
Slope = 1e−04
12
00
12
00
Time (Hours)
2023−07−16 to 2023−07−17

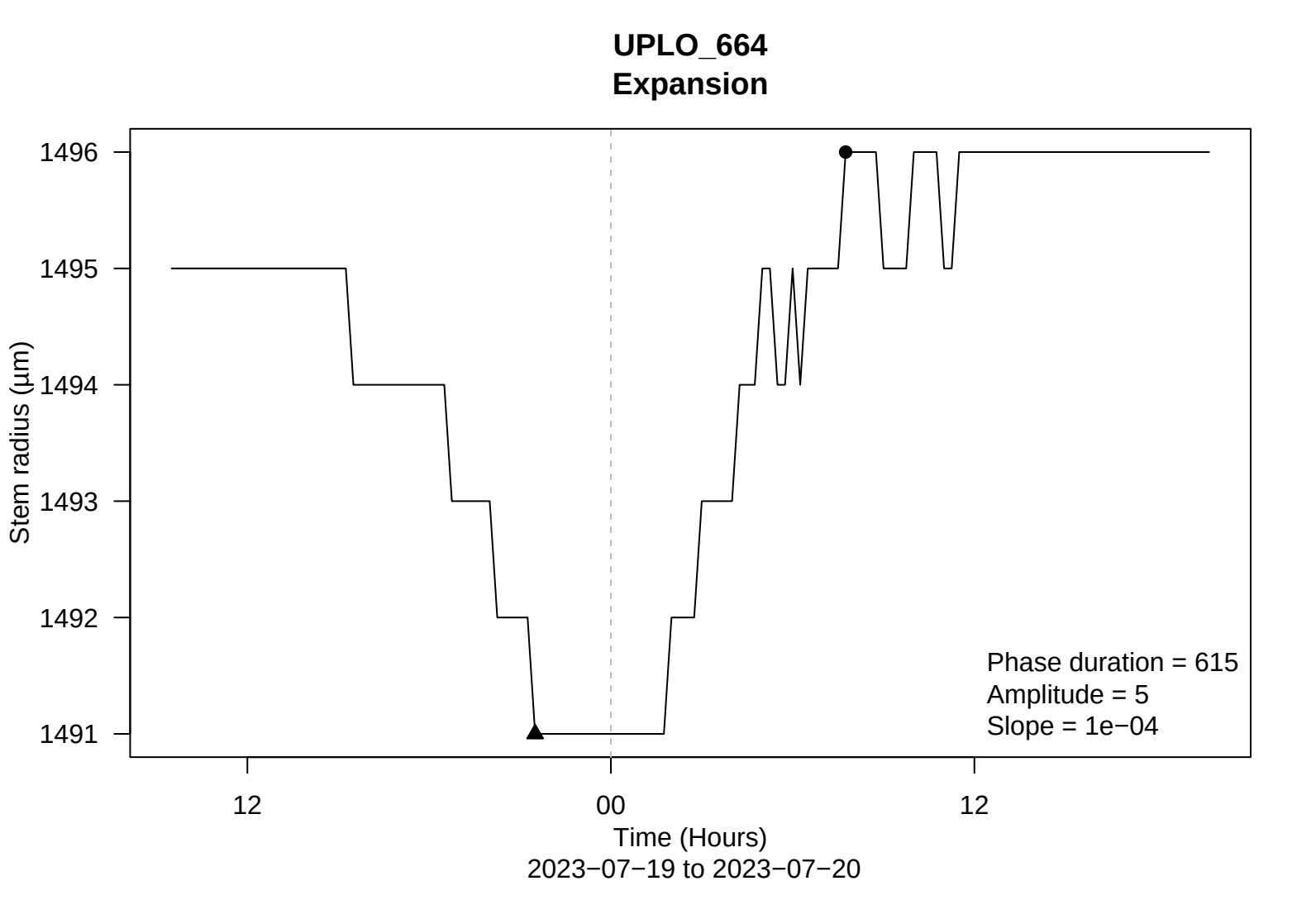

UPLO_664
Shrinkage
1494
1493
1492
1491
1490
1489
1488
1487
Stem radius (µm)
Phase duration = 750
Amplitude = −2
Slope = 0
00
12
00
12
Time (Hours)
2023−07−17 to 2023−07−17

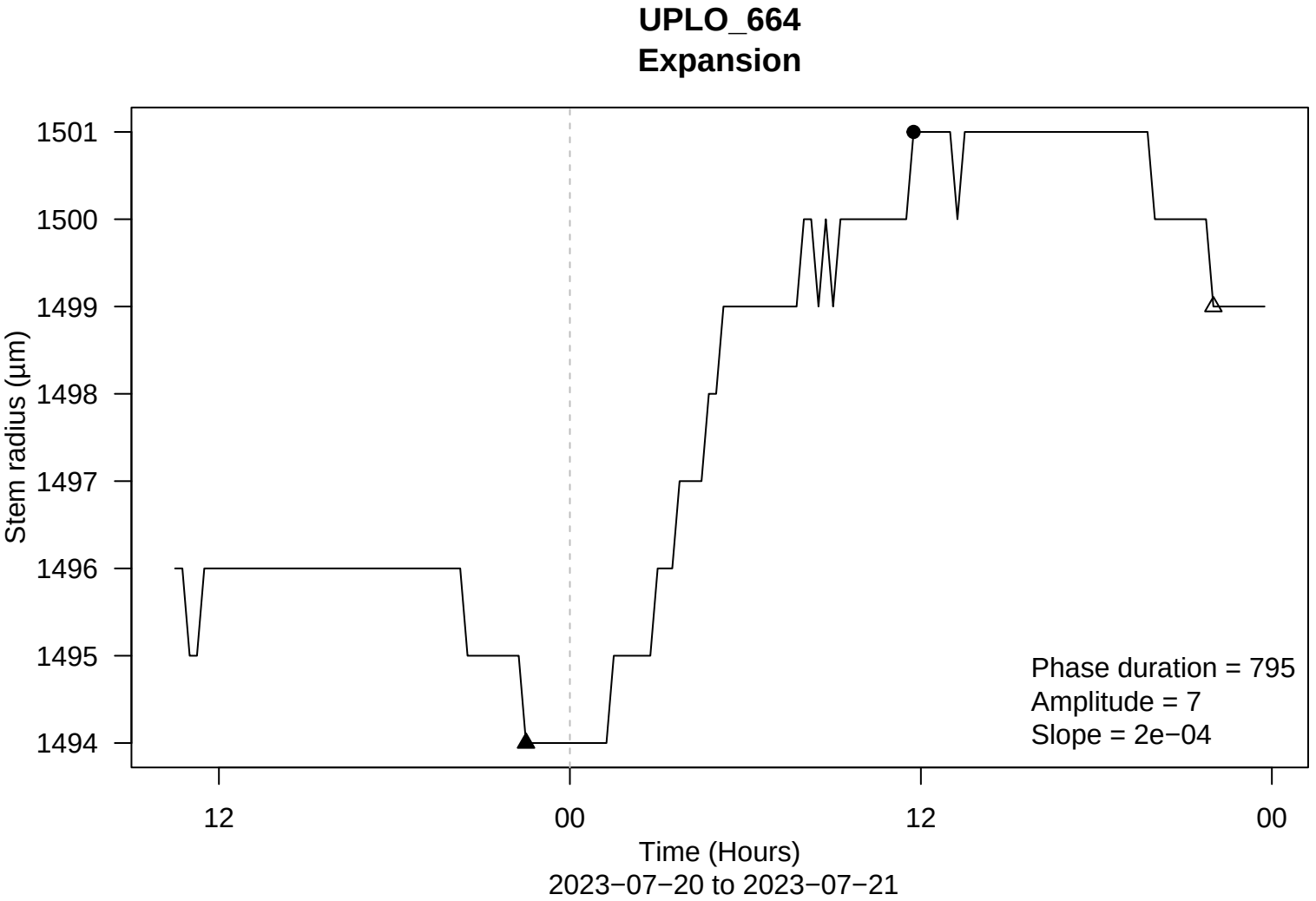

UPLO_664
Expansion
1494.0
1493.5
1493.0
1492.5
1492.0
1491.5
1491.0
Stem radius (µm)
Phase duration = 375
Amplitude = 3
Slope = 1e−04
12
00
12
Time (Hours)
2023−07−17 to 2023−07−18

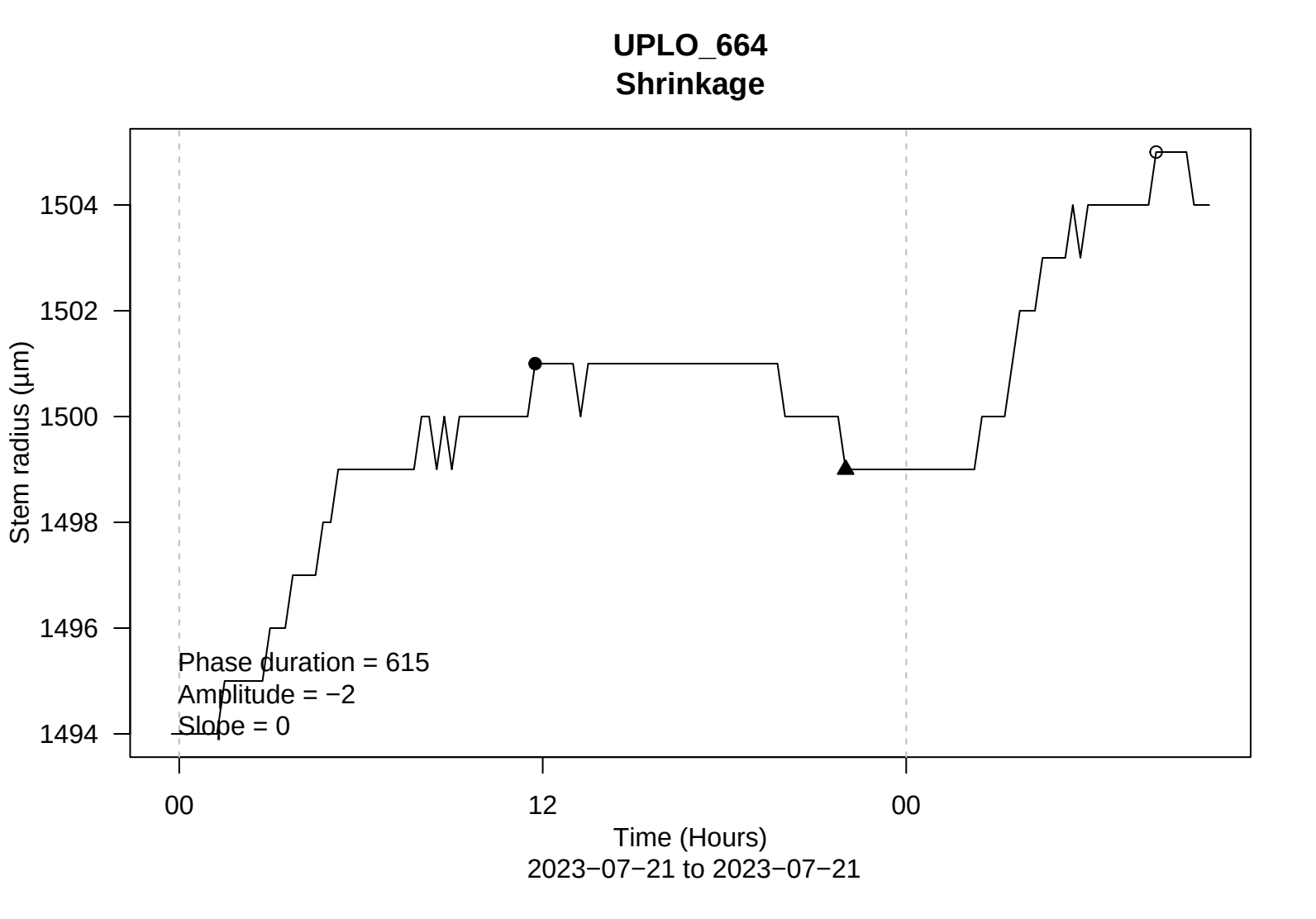

UPLO_664
Shrinkage
1495
1494
1493
1492
1491
Stem radius (µm)
Phase duration = 945
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−07−18 to 2023−07−18

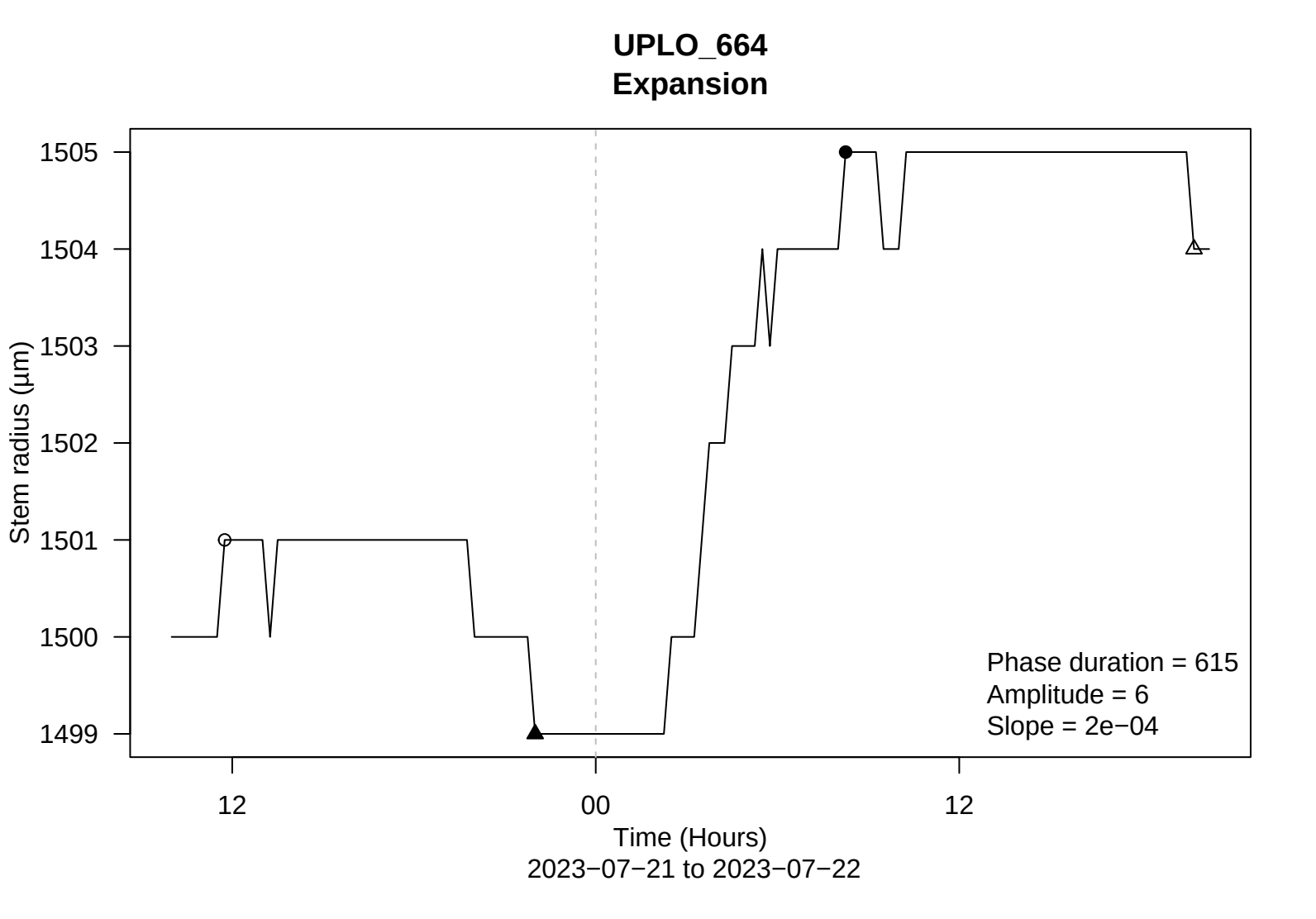

UPLO_664
Expansion
1495.0
1494.5
1494.0
1493.5
1493.0
1492.5
1492.0
Stem radius (µm)
Phase duration = 660
Amplitude = 3
Slope = 1e−04
12
00
12
Time (Hours)
2023−07−18 to 2023−07−19

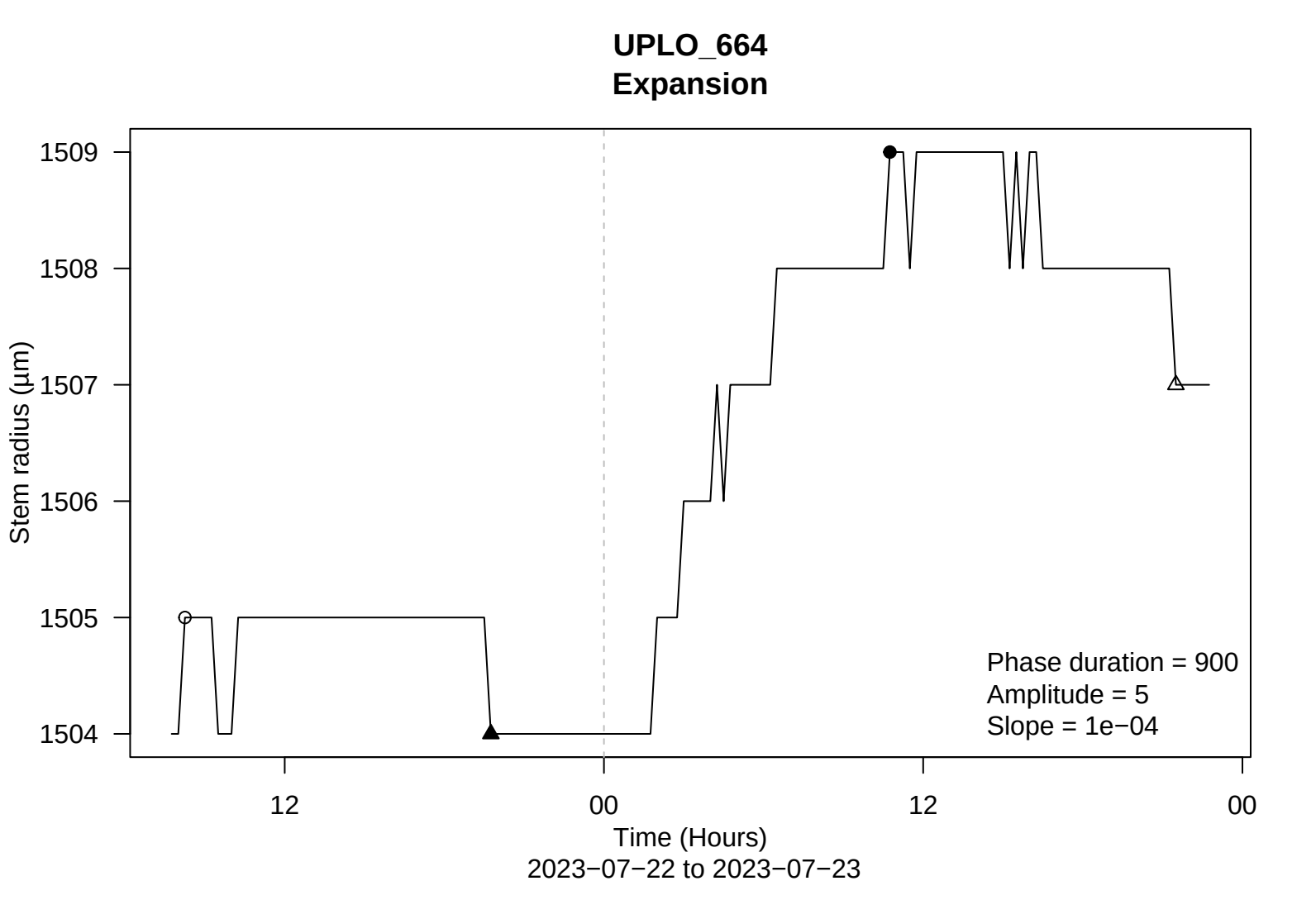

UPLO_664
Shrinkage
1496
1495
1494
1493
1492
1491
Stem radius (µm)
Phase duration = 780
Amplitude = −4
Slope = −1e−04
00
12
00
Time (Hours)
2023−07−19 to 2023−07−19

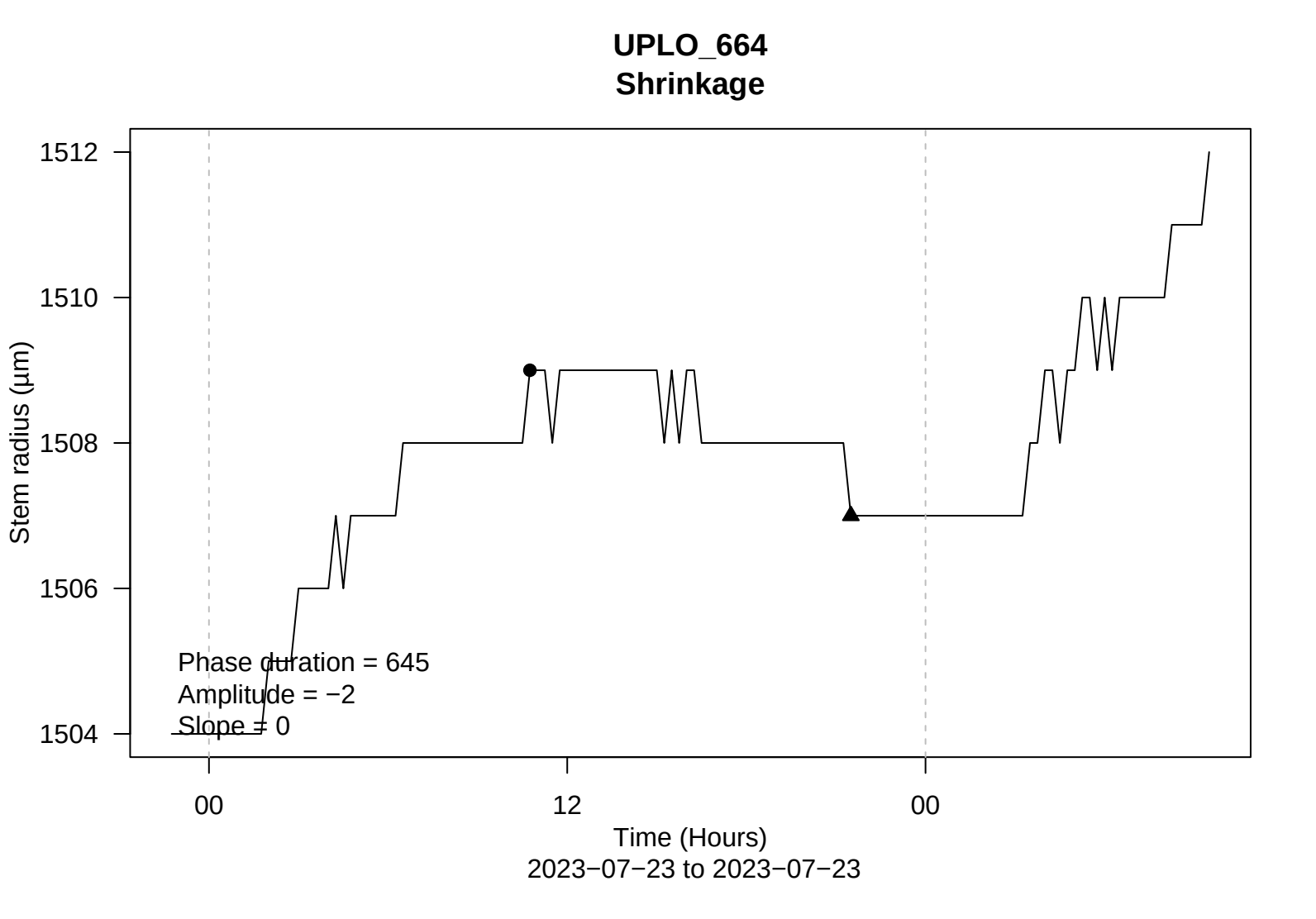

UPLO_664
Expansion
1496
1495
1494
1493
1492
1491
Stem radius (µm)
Phase duration = 615
Amplitude = 5
Slope = 1e−04
12
00
12
Time (Hours)
2023−07−19 to 2023−07−20

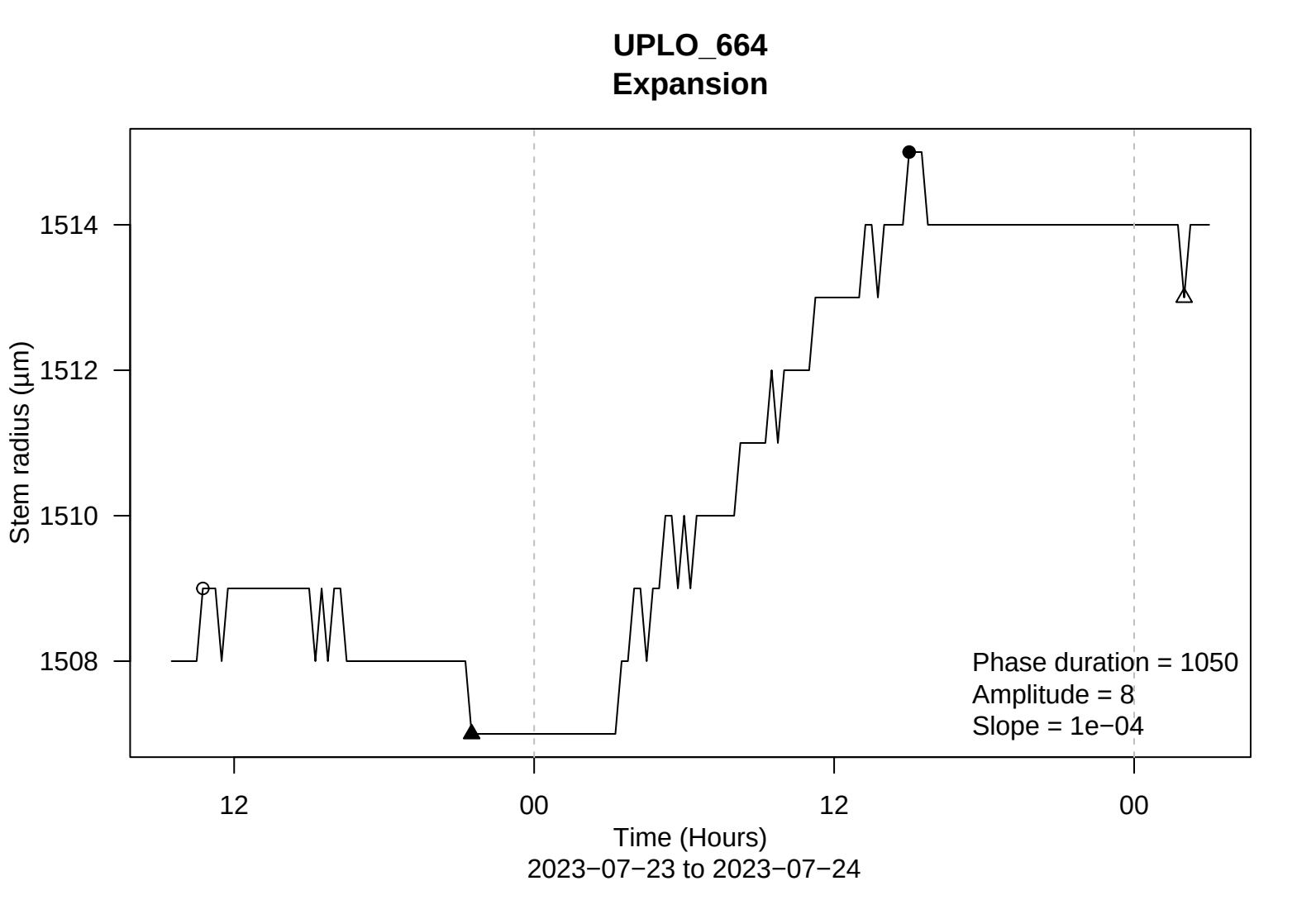

UPLO_664
Expansion
1501
1500
1499
1498
1497
1496
1495
1494
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−07−20 to 2023−07−21
Phase duration = 795
Amplitude = 7
Slope = 2e−04

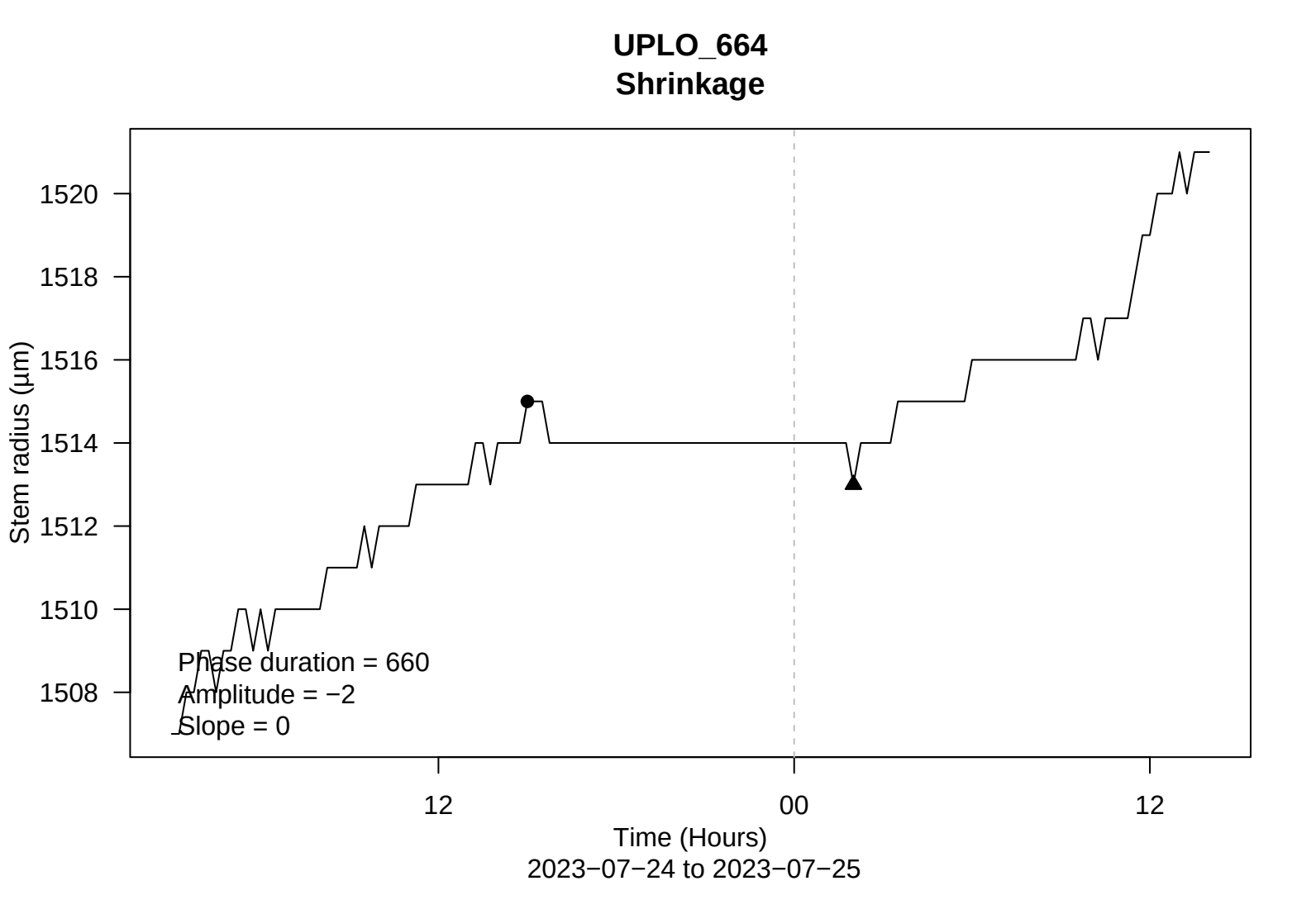

UPLO_664
Shrinkage
1504
1502
1500
1498
1496
1494
Stem radius (µm)
Phase duration = 615
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−07−21 to 2023−07−21

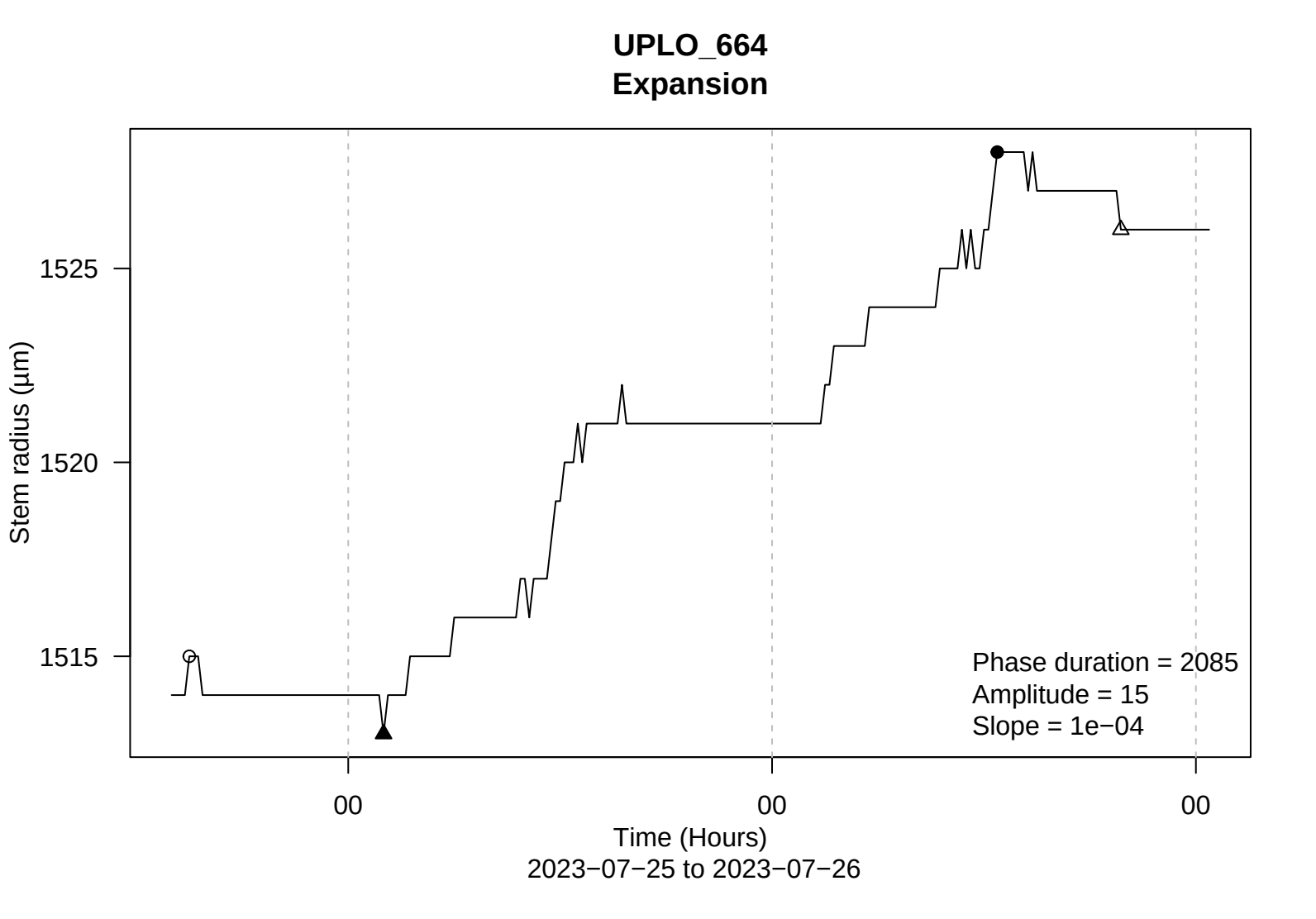

UPLO_664
Expansion
1505
1504
1503
1502
1501
1500
1499
Stem radius (µm)
Phase duration = 615
Amplitude = 6
Slope = 2e−04
12
00
12
Time (Hours)
2023−07−21 to 2023−07−22

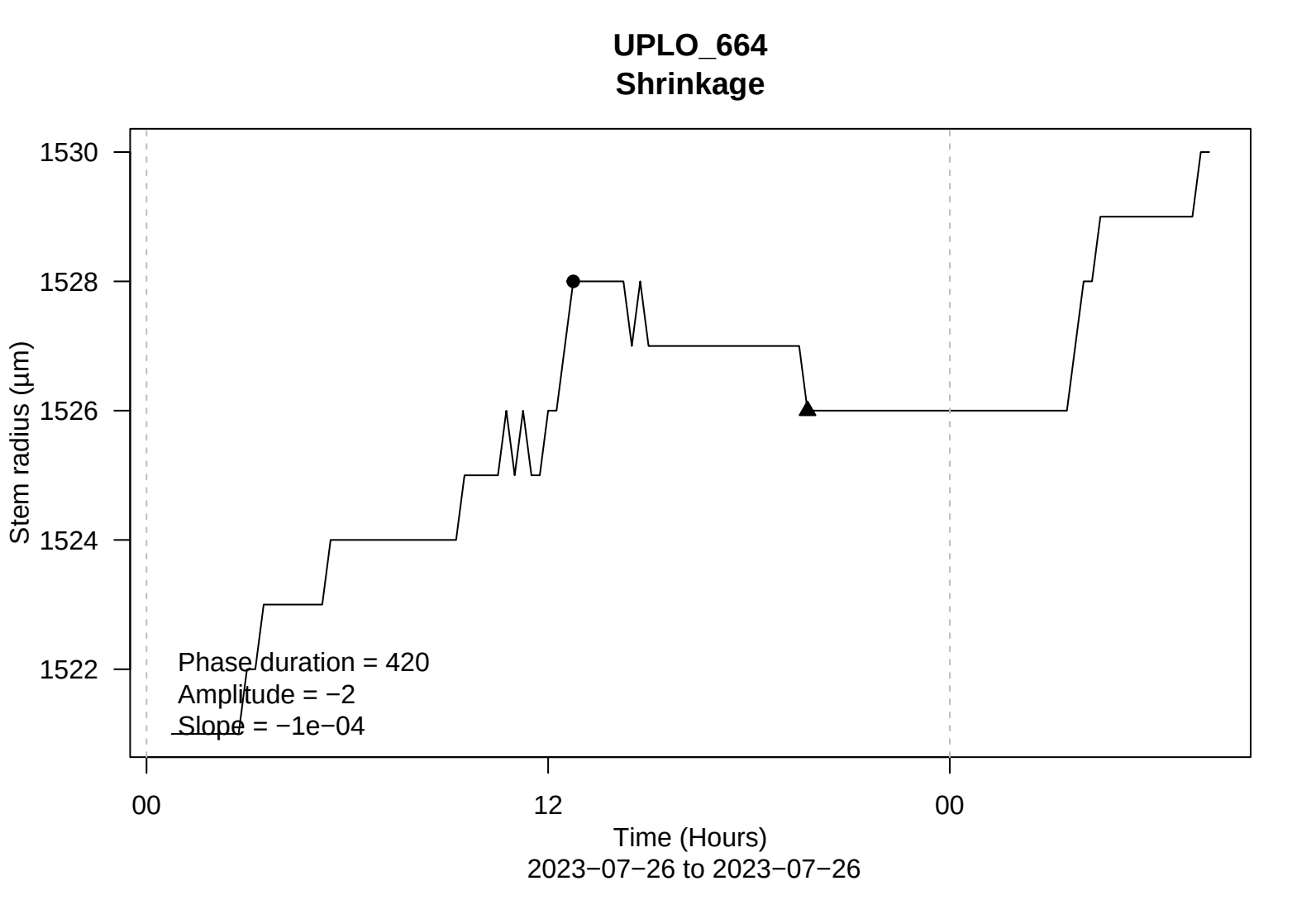

UPLO_664
Expansion
1509
1508
1507
1506
1505
1504
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−07−22 to 2023−07−23
Phase duration = 900
Amplitude = 5
Slope = 1e−04

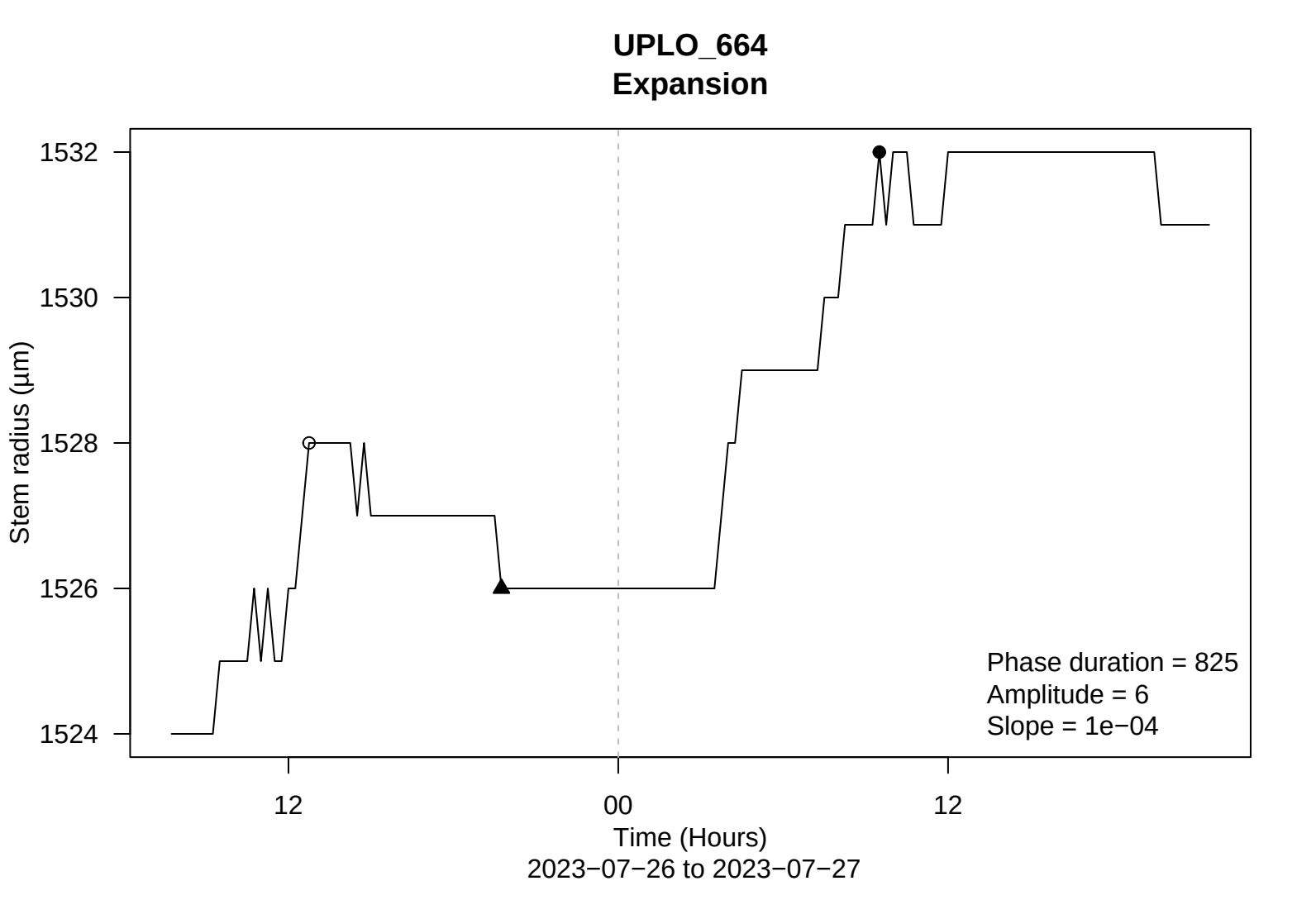

UPLO_664
Shrinkage
1512
1510
1508
1506
1504
Stem radius (µm)
Phase duration = 645
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−07−23 to 2023−07−23

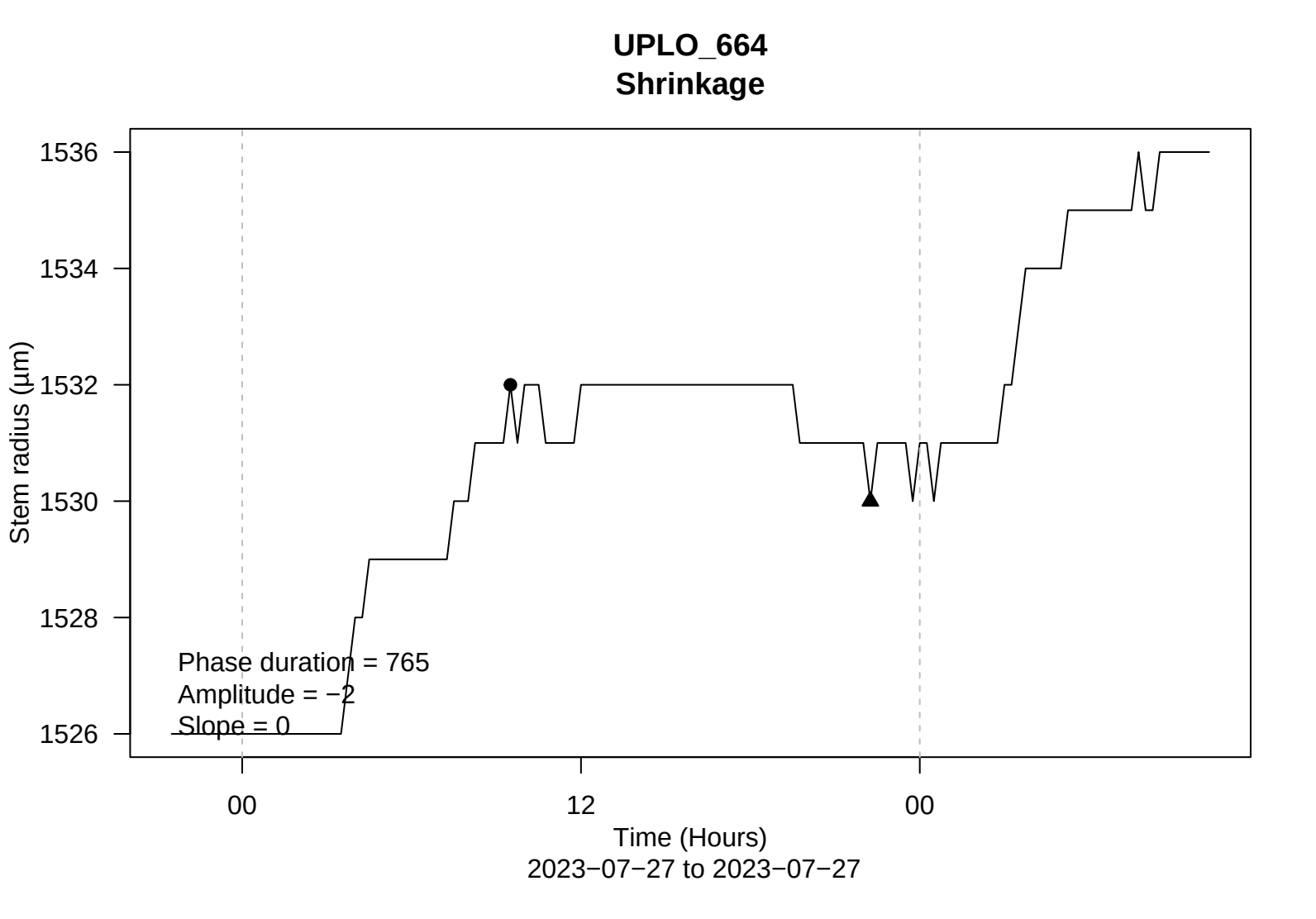

UPLO_664
Expansion
1514
1512
1510
1508
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−07−23 to 2023−07−24
Phase duration = 1050
Amplitude = 8
Slope = 1e−04

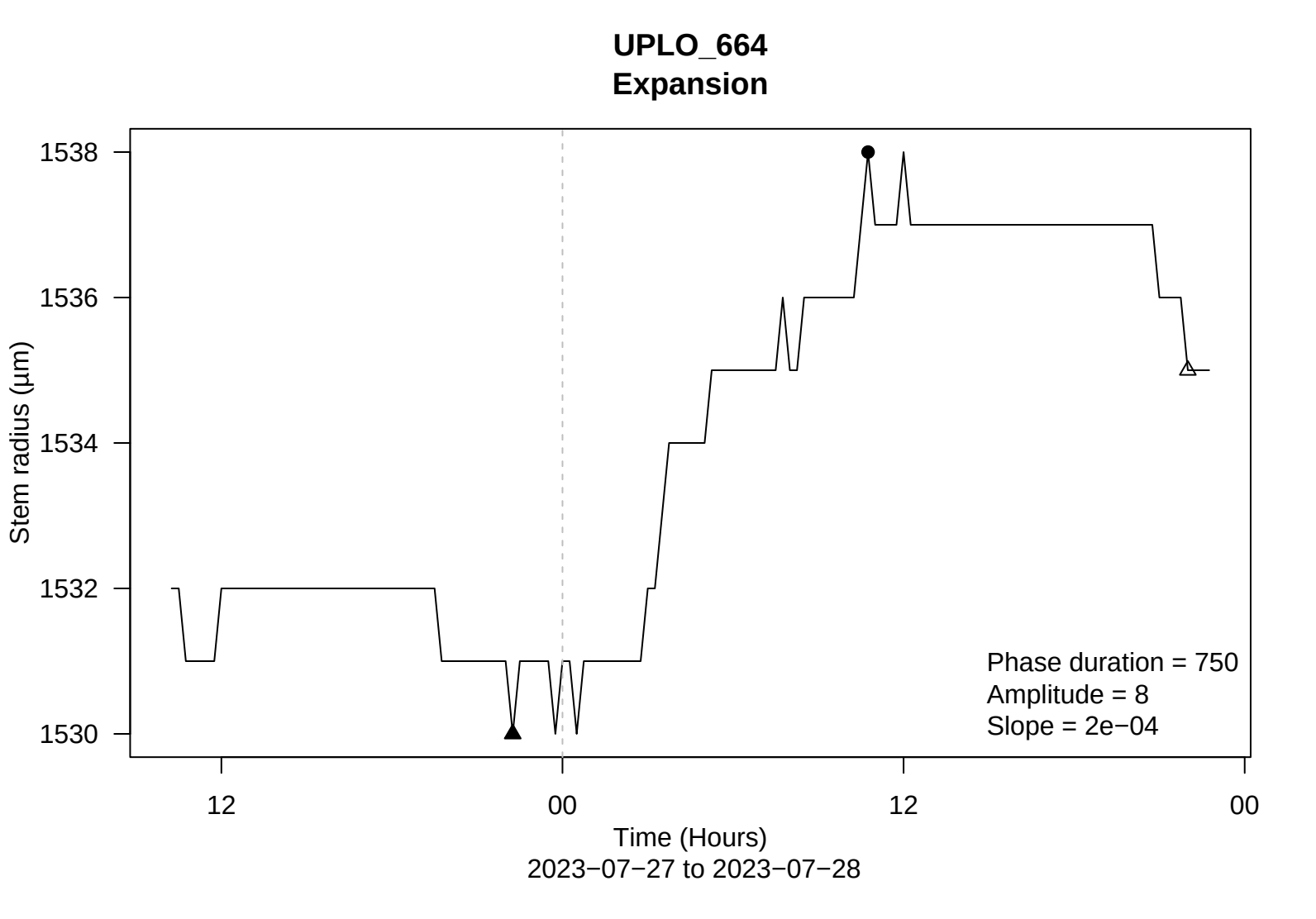

UPLO_664
Shrinkage
Stem radius (µm)
1520
1518
1516
1514
1512
1510
1508
Phase duration = 660
Amplitude = −2
Slope = 0
12
00
12
Time (Hours)
2023−07−24 to 2023−07−25

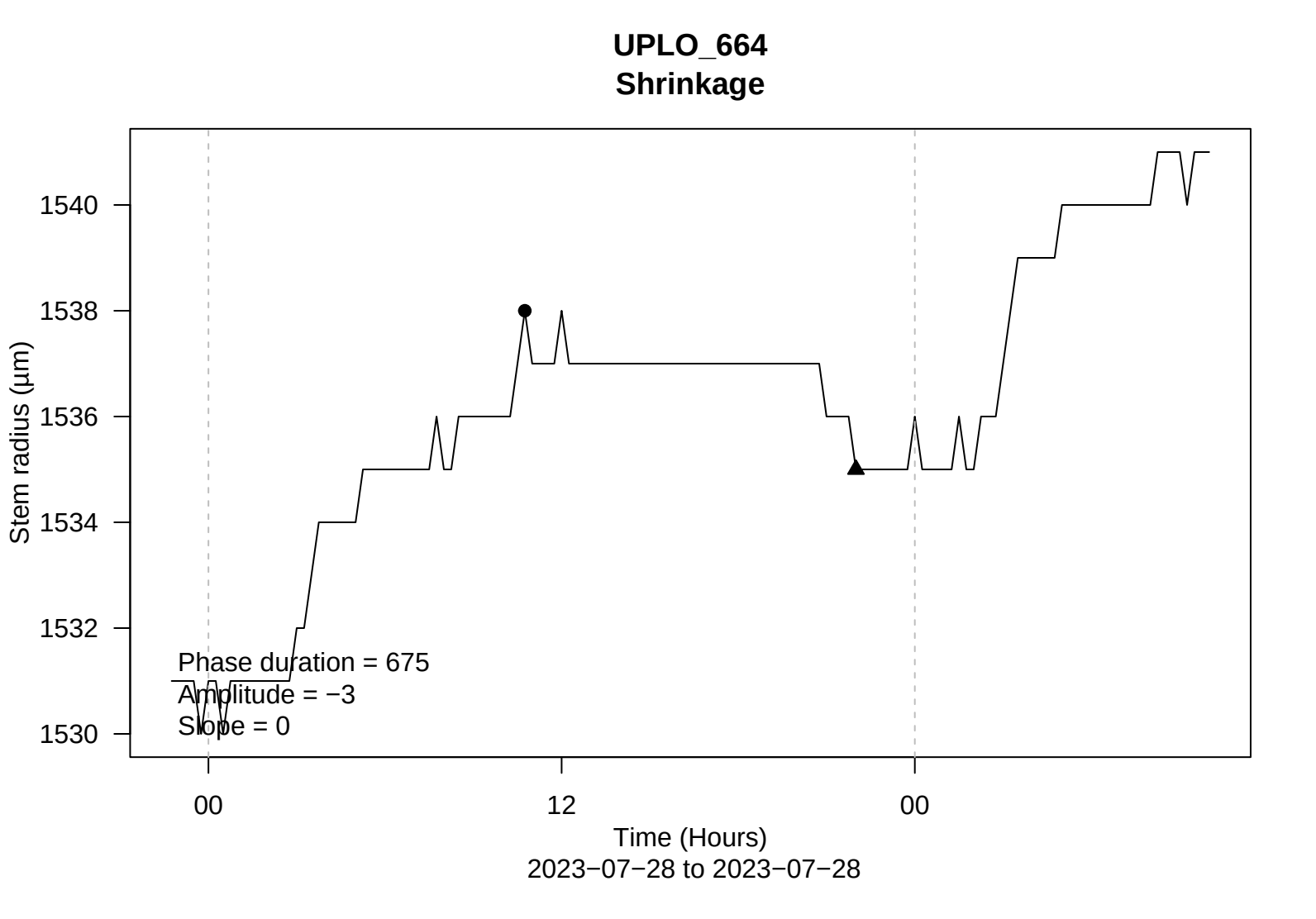

UPLO_664
Expansion
1525
1520
1515
Stem radius (µm)
Phase duration = 2085
Amplitude = 15
Slope = 1e−04
00
00
00
Time (Hours)
2023−07−25 to 2023−07−26

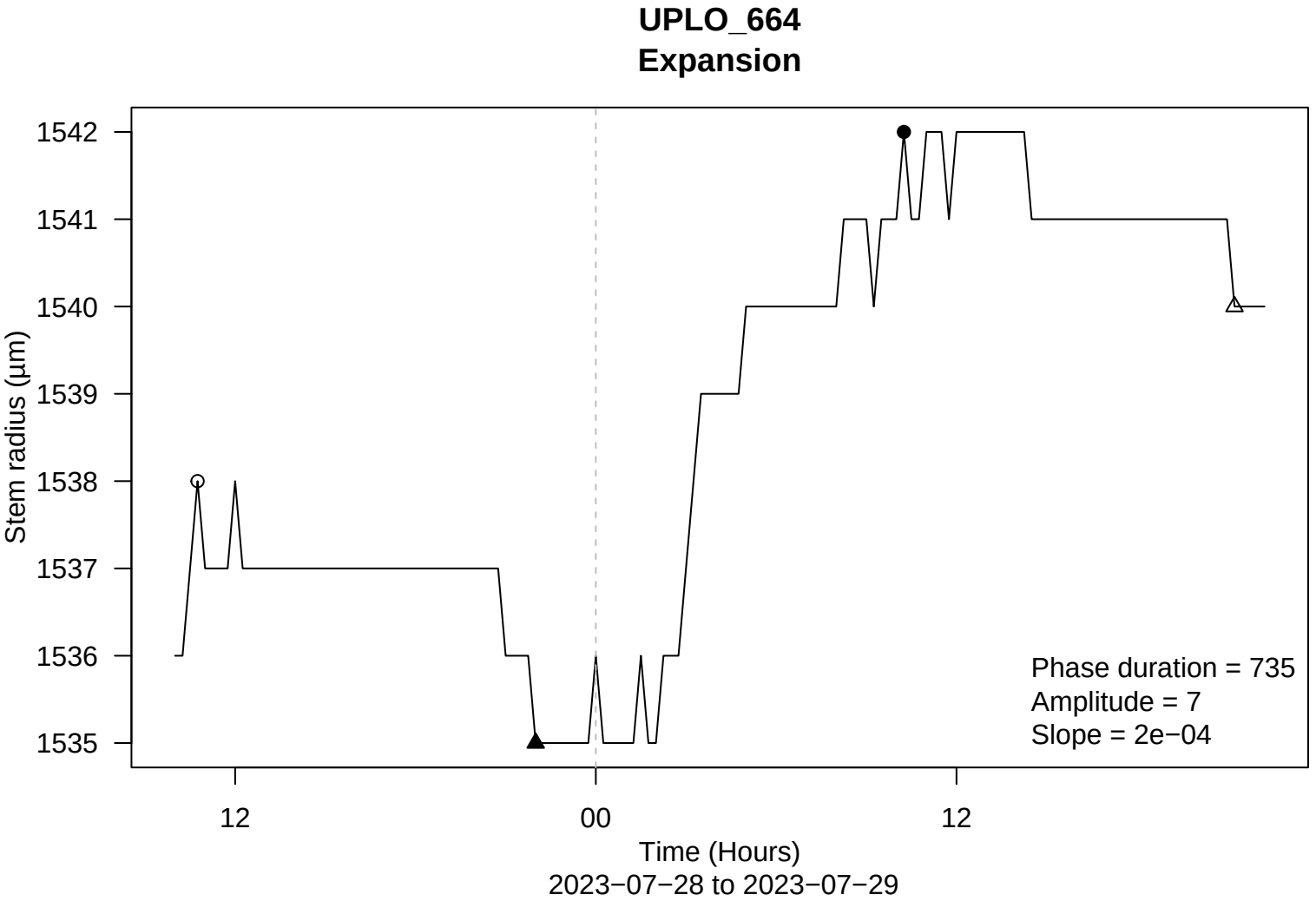

UPLO_664
Shrinkage
1530
1528
1526
1524
1522
Stem radius (µm)
Phase duration = 420
Amplitude = −2
Slope = −1e−04
00
12
00
Time (Hours)
2023−07−26 to 2023−07−26

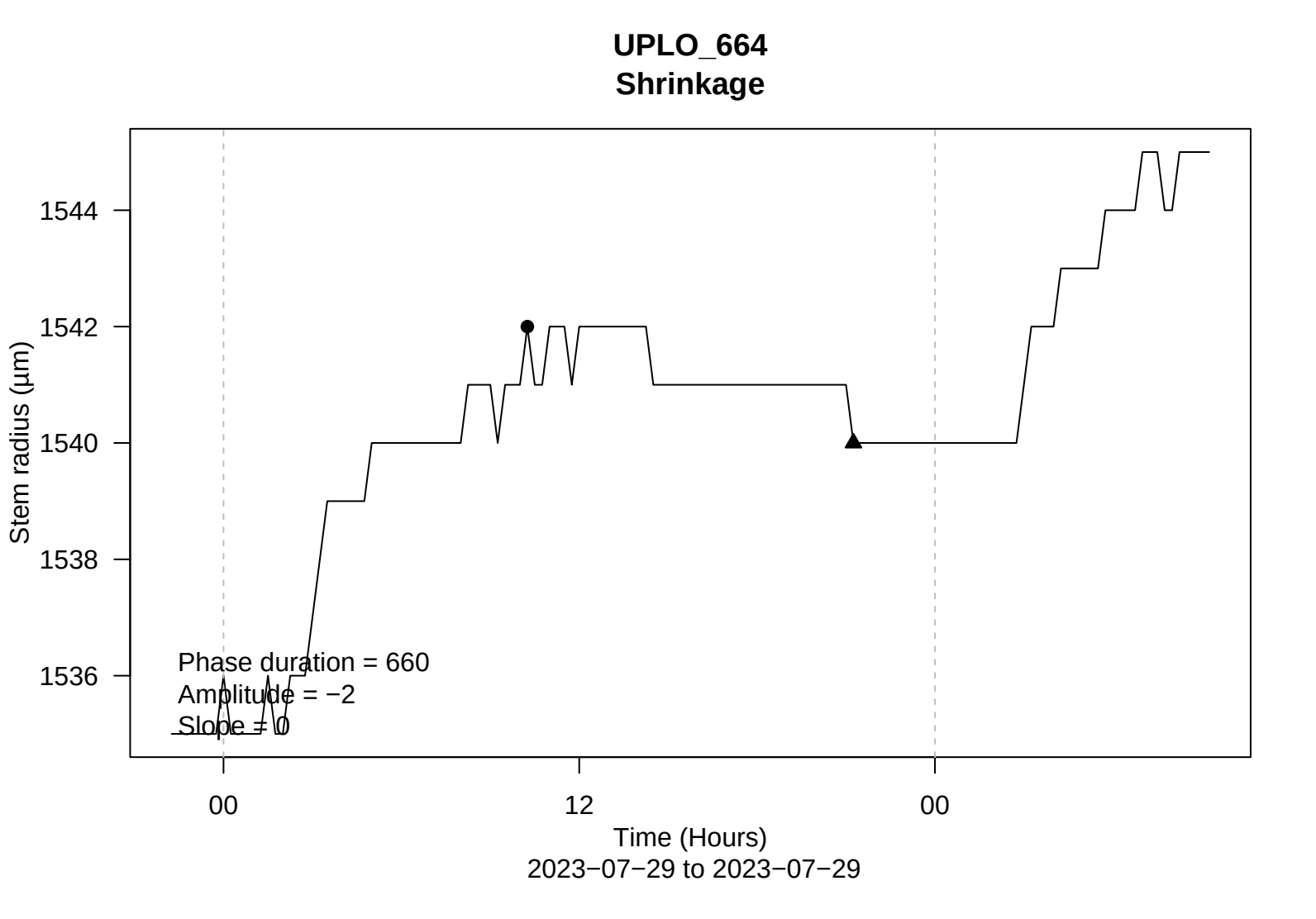

UPLO_664
Expansion
1532
1530
1528
1526
1524
Stem radius (µm)
Phase duration = 825
Amplitude = 6
Slope = 1e−04
12
00
12
Time (Hours)
2023−07−26 to 2023−07−27

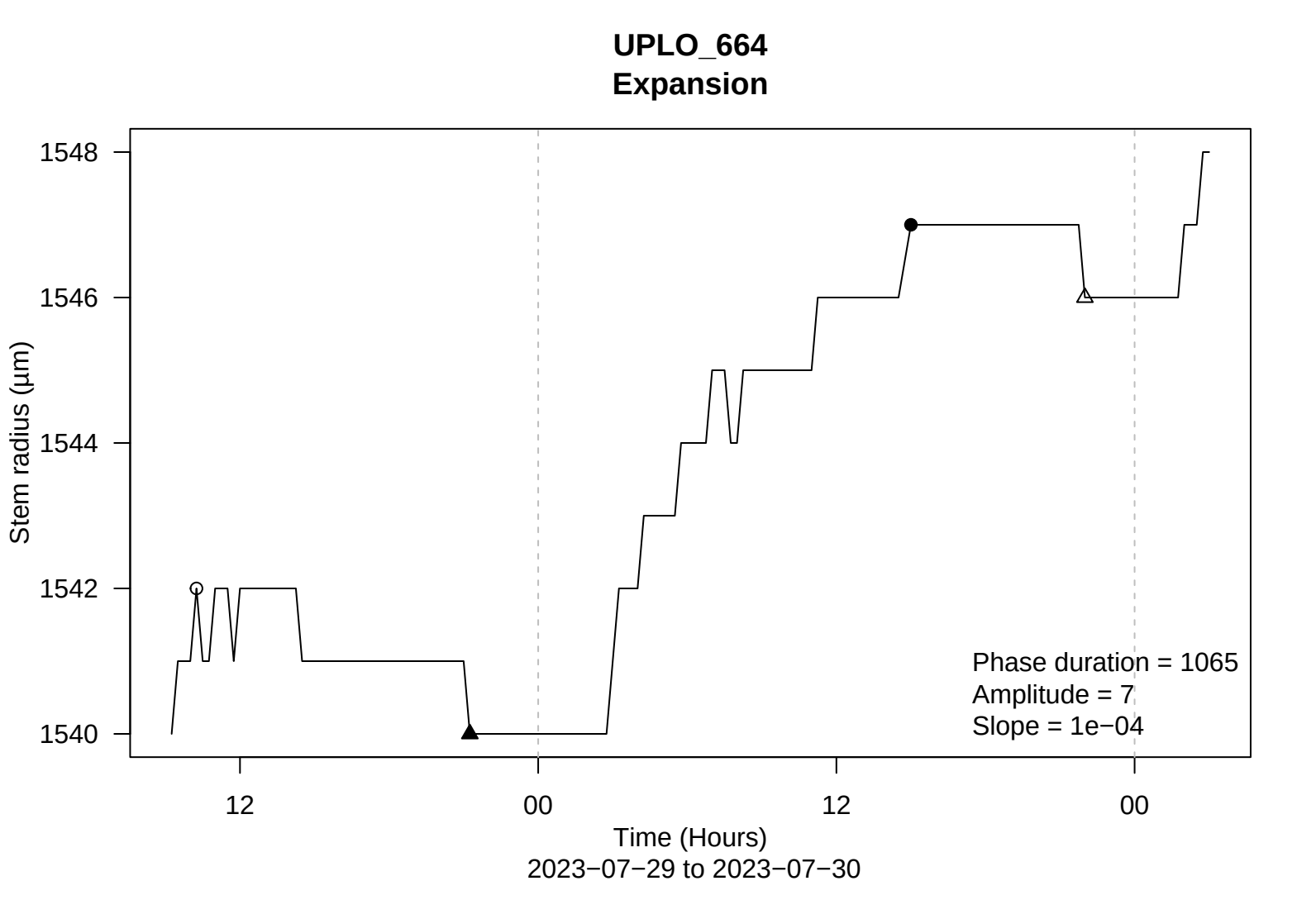

UPLO_664
Shrinkage
1536
1534
1532
1530
1528
1526
Stem radius (µm)
Phase duration = 765
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−07−27 to 2023−07−27

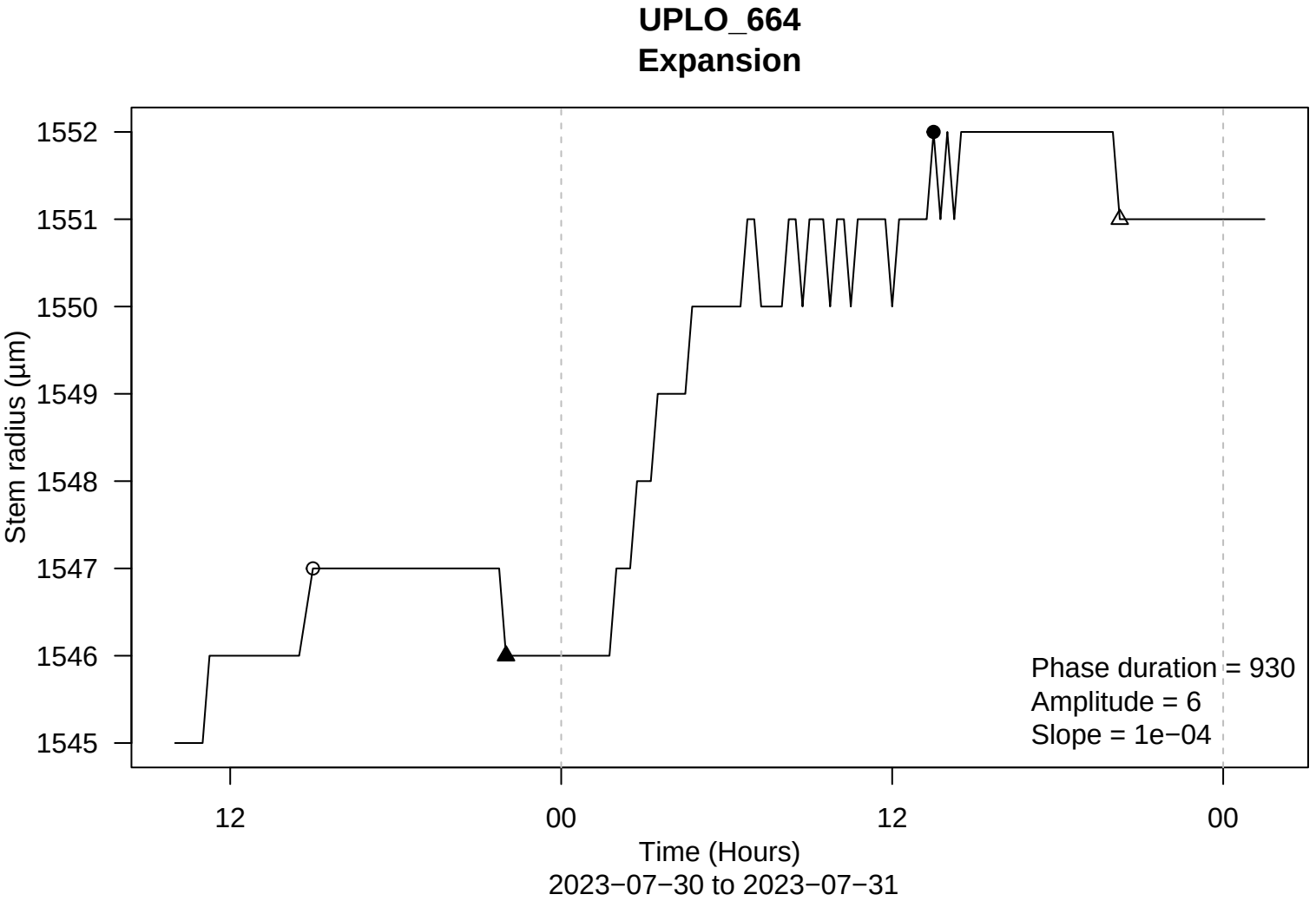

UPLO_664
Expansion
1538
1536
1534
1532
1530
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−07−27 to 2023−07−28
Phase duration = 750
Amplitude = 8
Slope = 2e−04

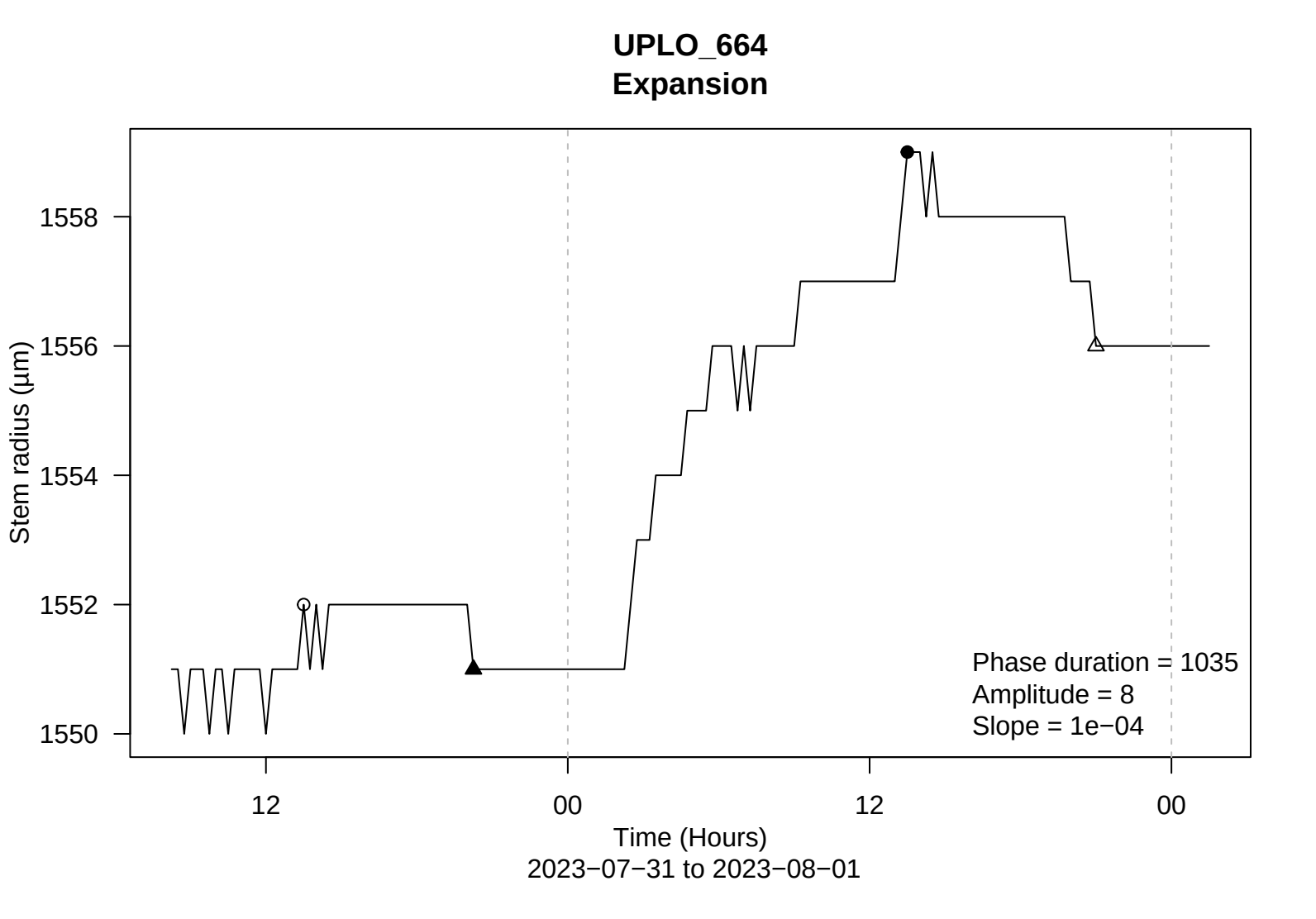

UPLO_664
Shrinkage
Stem radius (µm)
1540
1538
1536
1534
1532
1530
Phase duration = 675
Amplitude = −3
Slope = 0
00
12
00
Time (Hours)
2023−07−28 to 2023−07−28

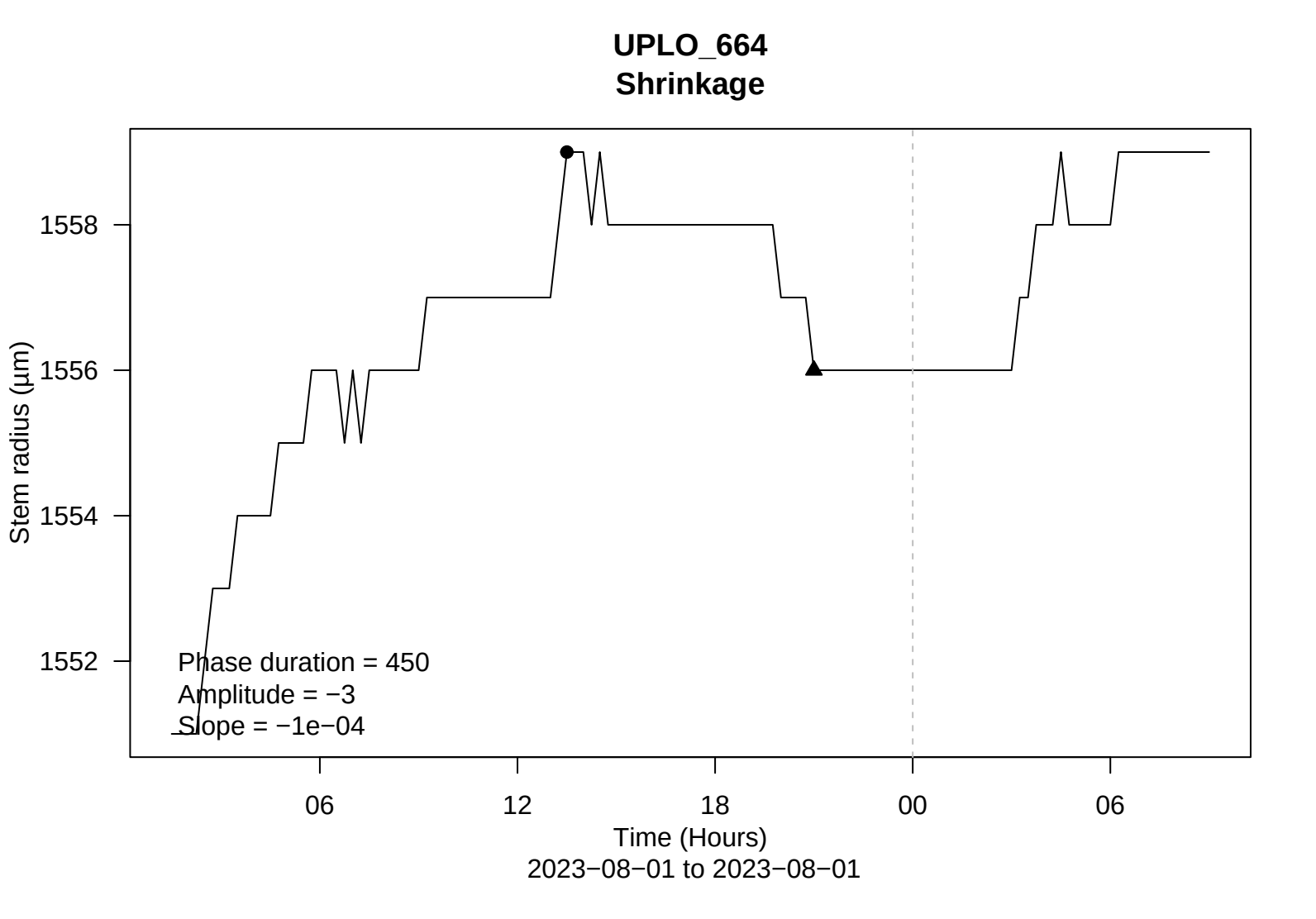

UPLO_664
Expansion
1542
1541
1540
1539
1538
1537
1536
1535
Stem radius (µm)
12
00
12
Time (Hours)
2023−07−28 to 2023−07−29
Phase duration = 735
Amplitude = 7
Slope = 2e−04

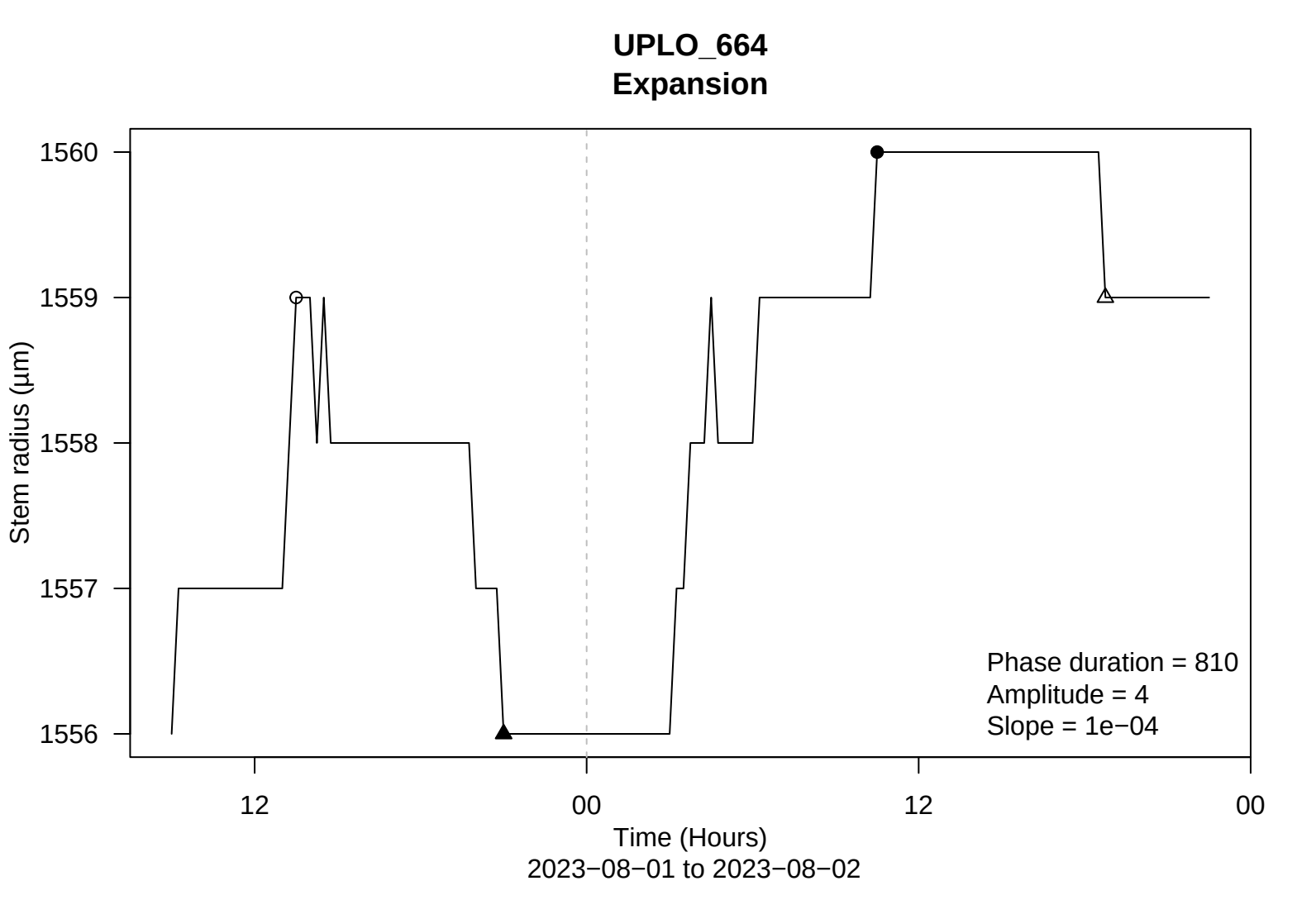

UPLO_664
Shrinkage
1544
1542
1540
1538
1536
Stem radius (µm)
Phase duration = 660
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−07−29 to 2023−07−29

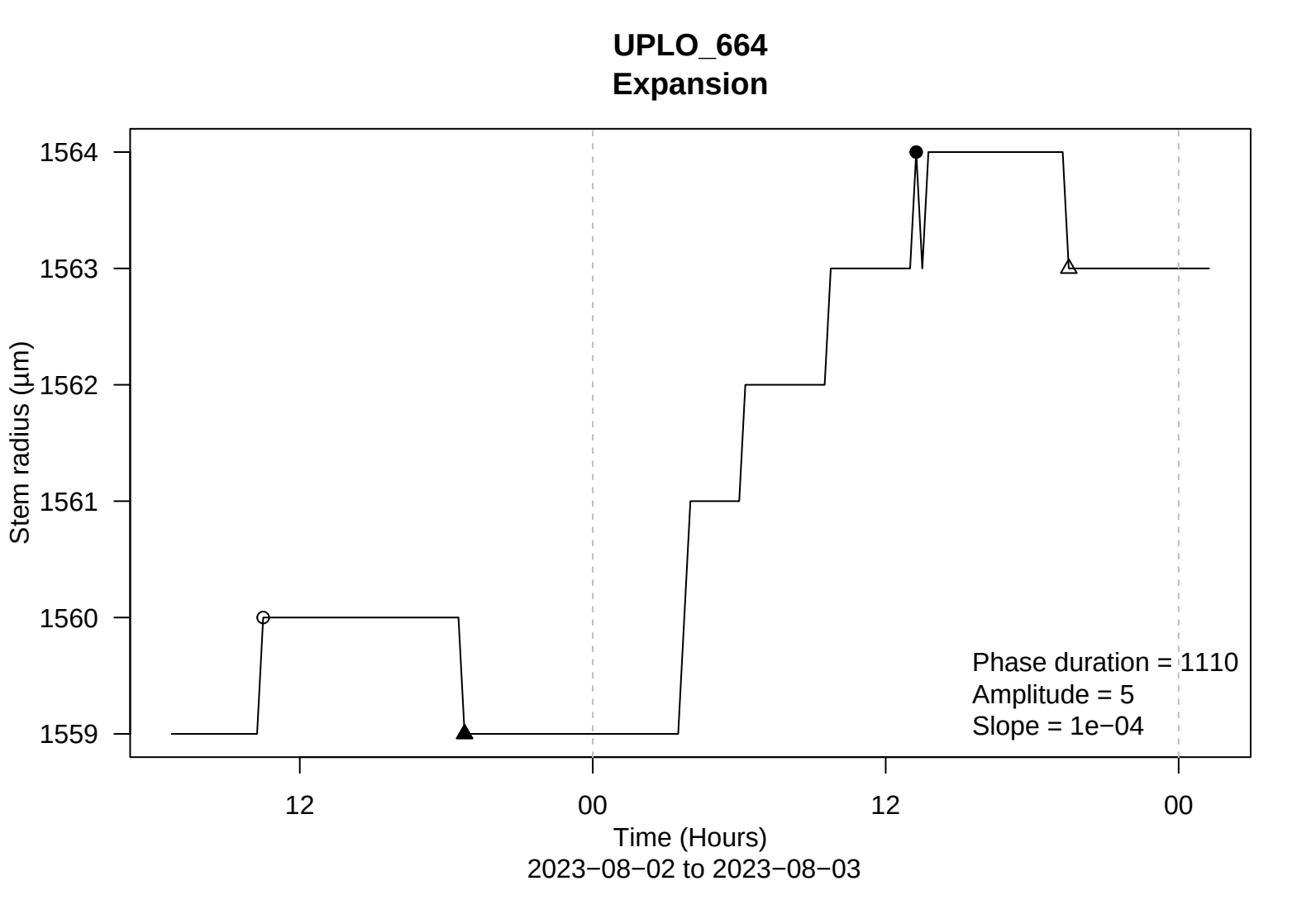

UPLO_664
Expansion
1548
1546
1544
1542
1540
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−07−29 to 2023−07−30
Phase duration = 1065
Amplitude = 7
Slope = 1e−04

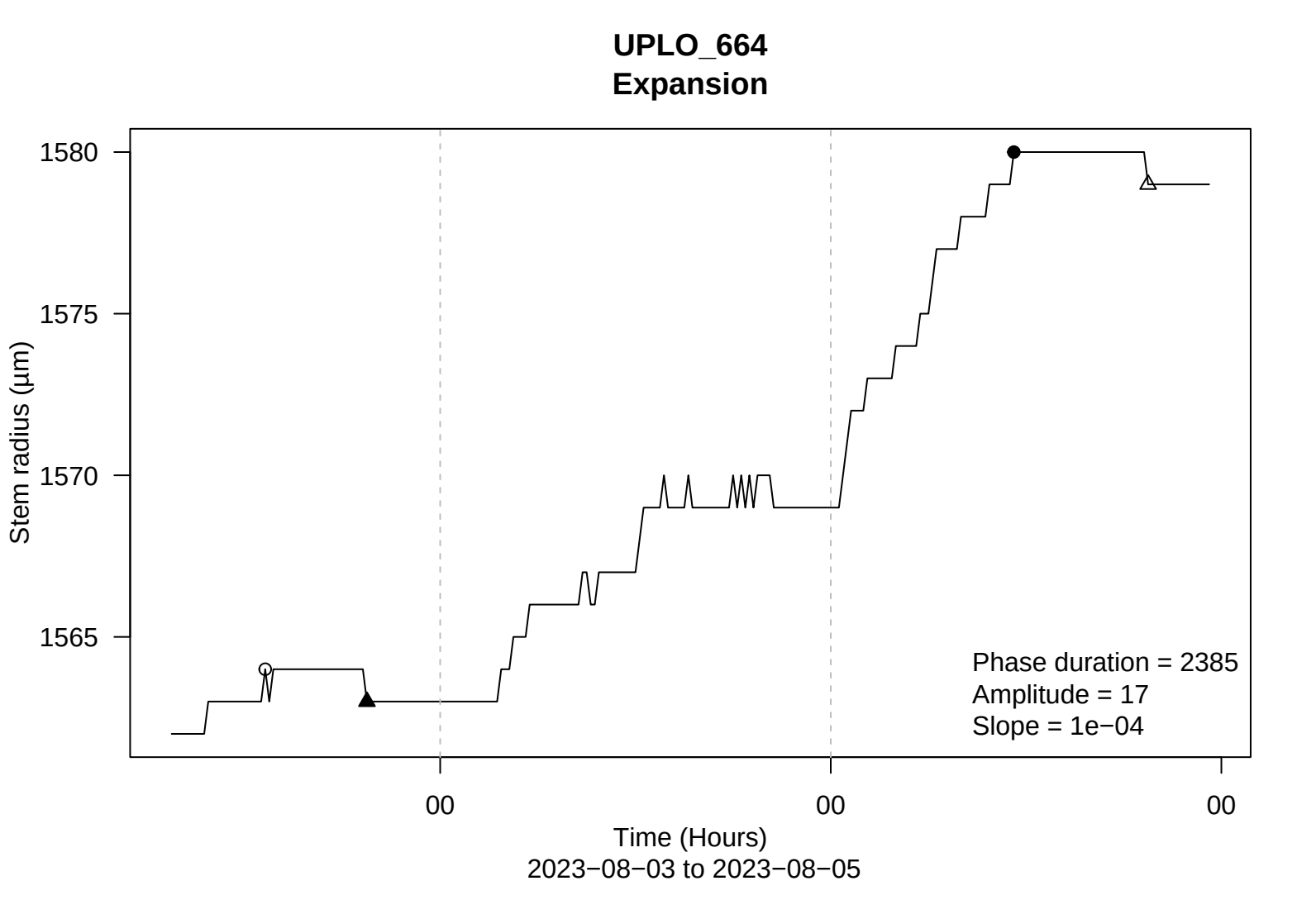

UPLO_664
Expansion
1552
1551
1550
1549
1548
1547
1546
1545
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−07−30 to 2023−07−31
Phase duration = 930
Amplitude = 6
Slope = 1e−04

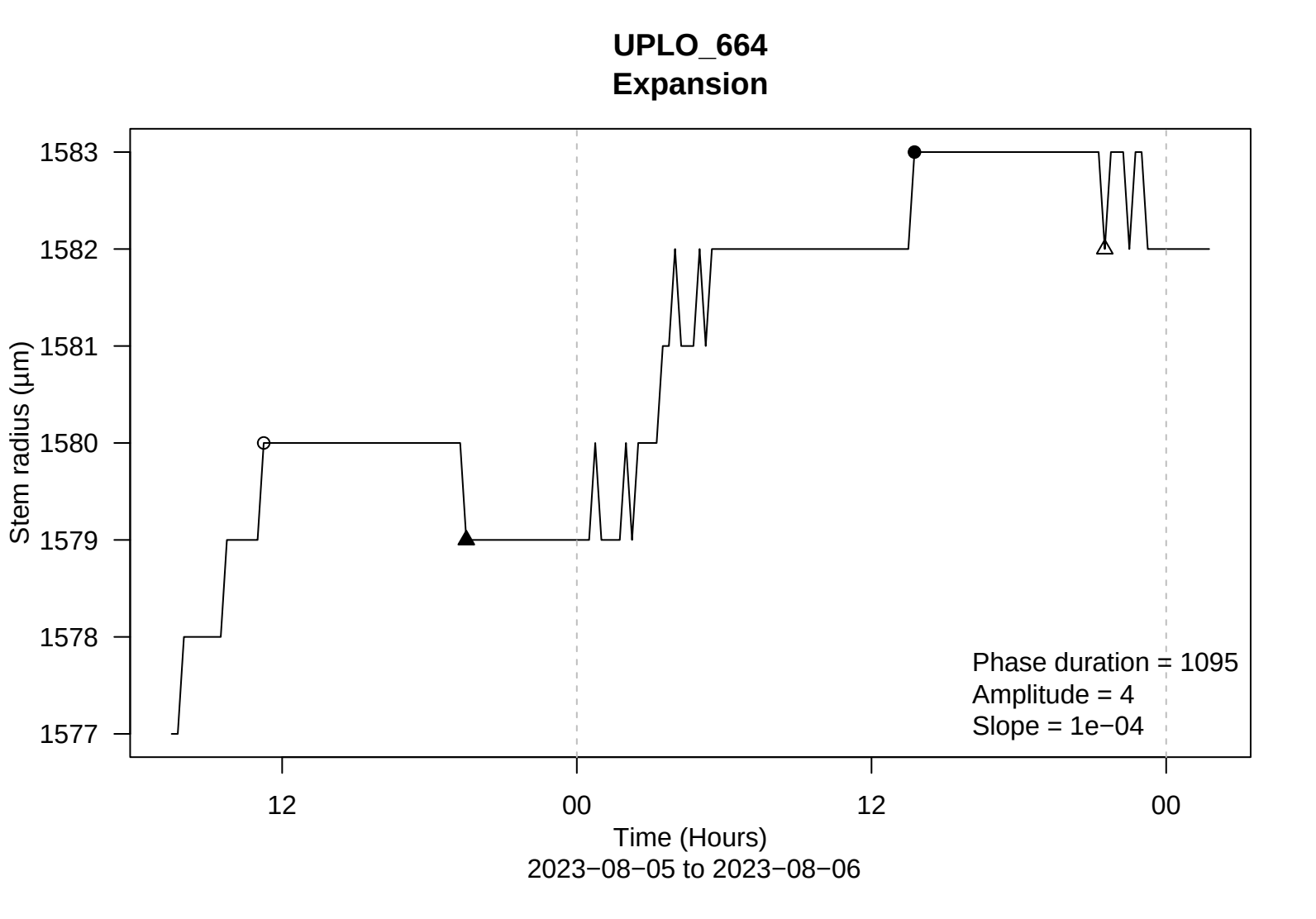

UPLO_664
Expansion
Stem radius (µm)
1558
1556
1554
1552
1550
12
00
12
00
Time (Hours)
2023−07−31 to 2023−08−01
Phase duration = 1035
Amplitude = 8
Slope = 1e−04

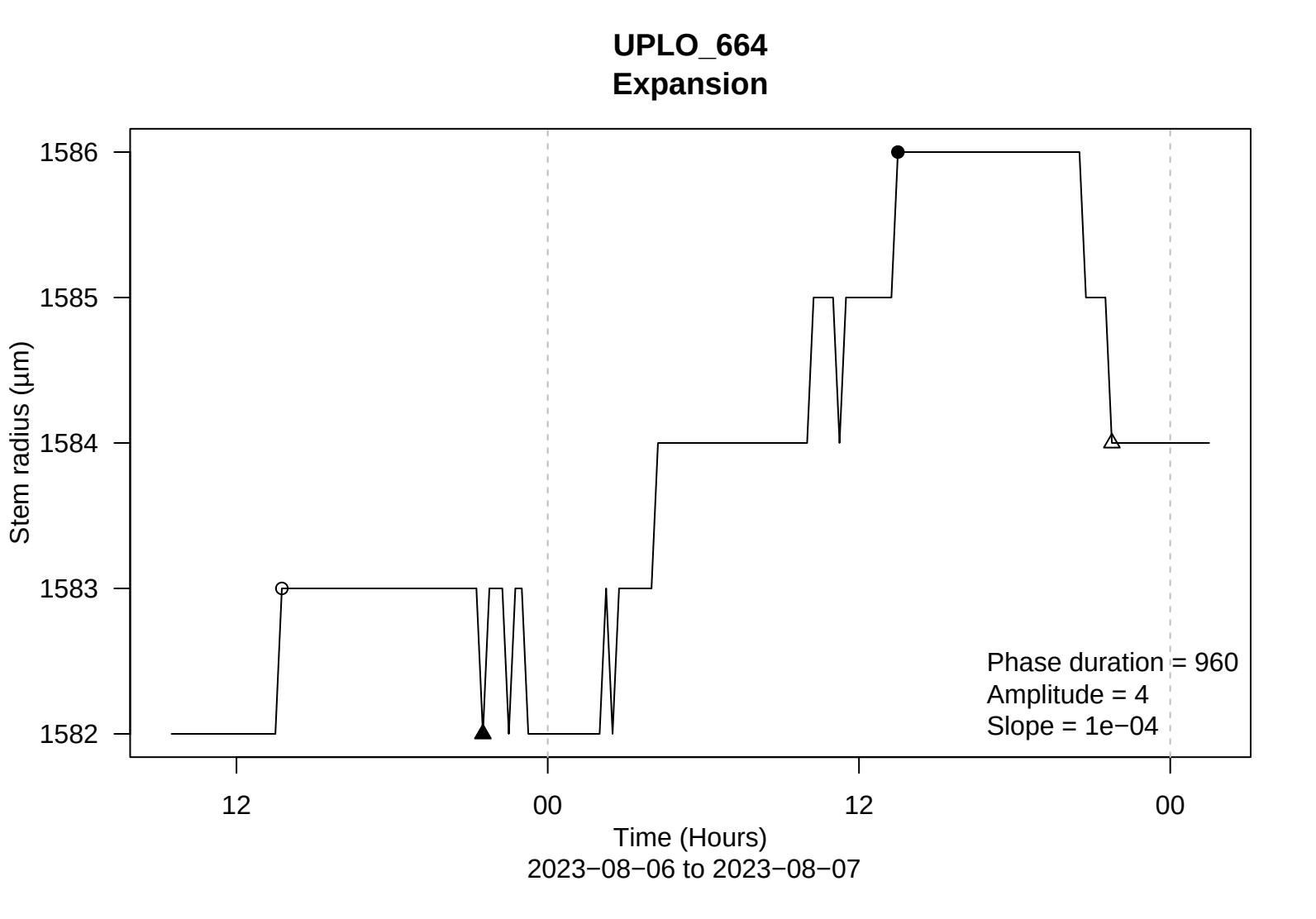

UPLO_664
Shrinkage
1558
1556
1554
1552
Stem radius (µm)
Phase duration = 450
Amplitude = −3
Slope = −1e−04
06
12
18
00
06
Time (Hours)
2023−08−01 to 2023−08−01

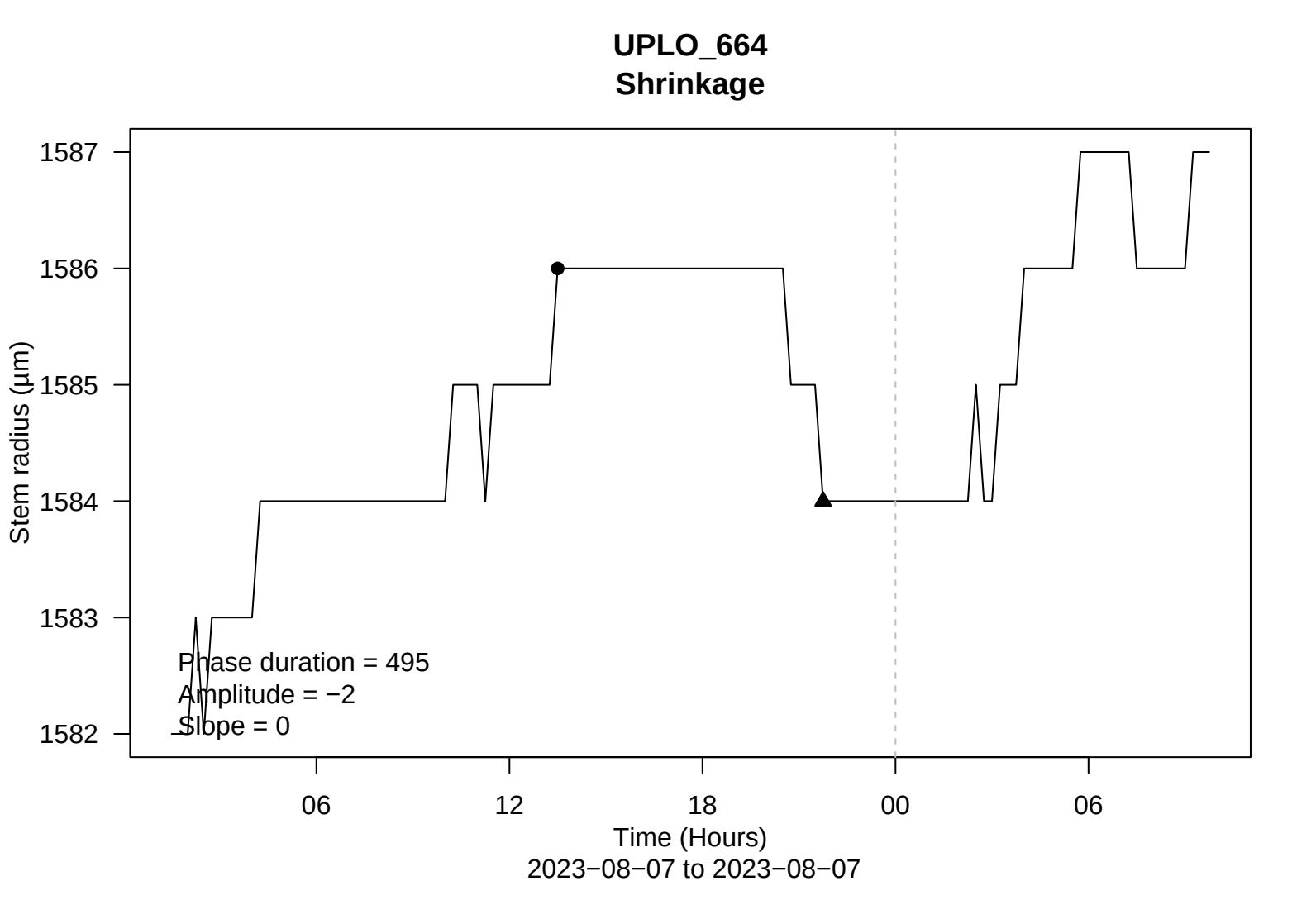

UPLO_664
Expansion
1560
1559
1558
1557
1556
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−08−01 to 2023−08−02
Phase duration = 810
Amplitude = 4
Slope = 1e−04

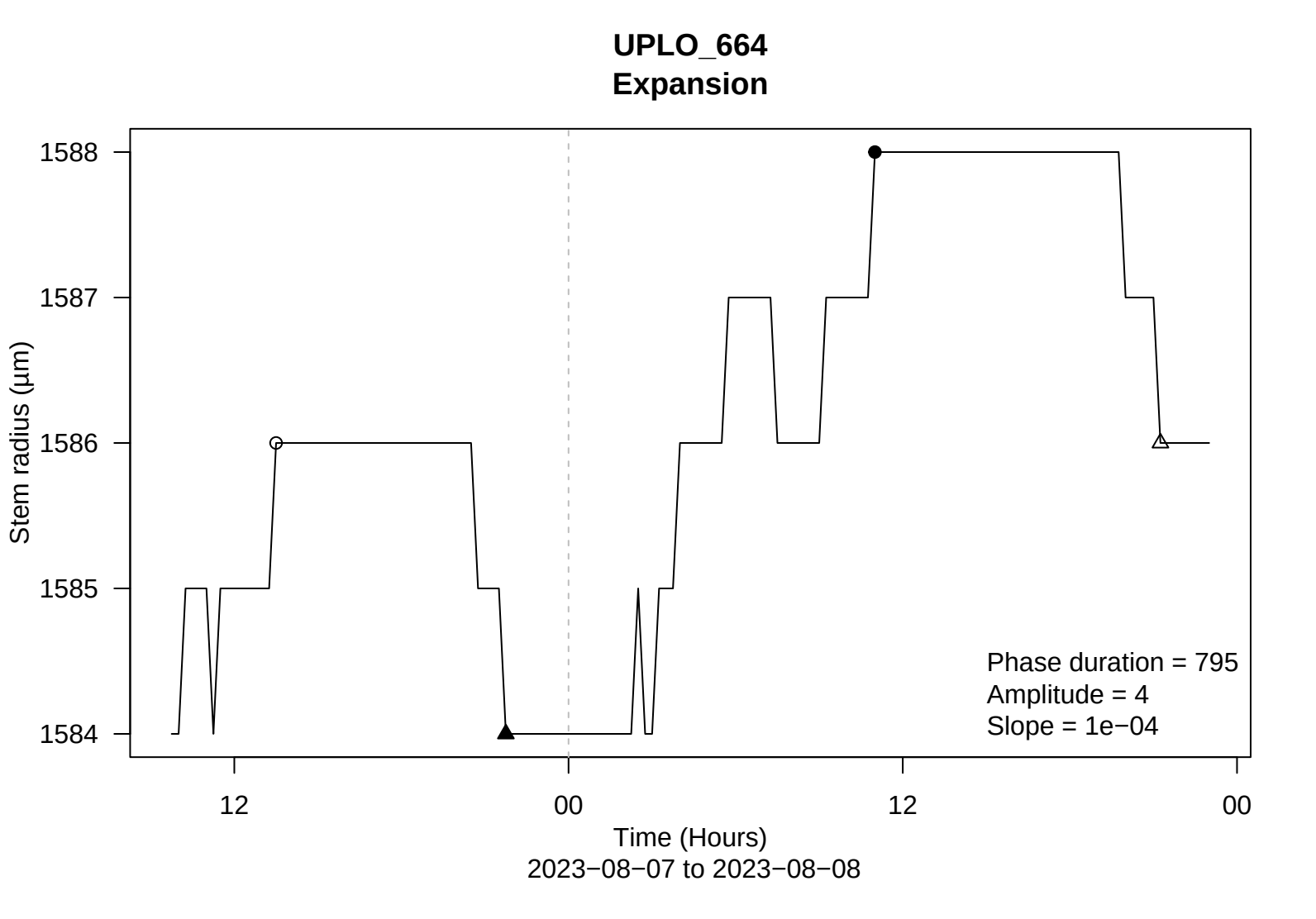

UPLO_664
Expansion
1564
1563
1562
1561
1560
1559
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−08−02 to 2023−08−03
Phase duration = 1110
Amplitude = 5
Slope = 1e−04

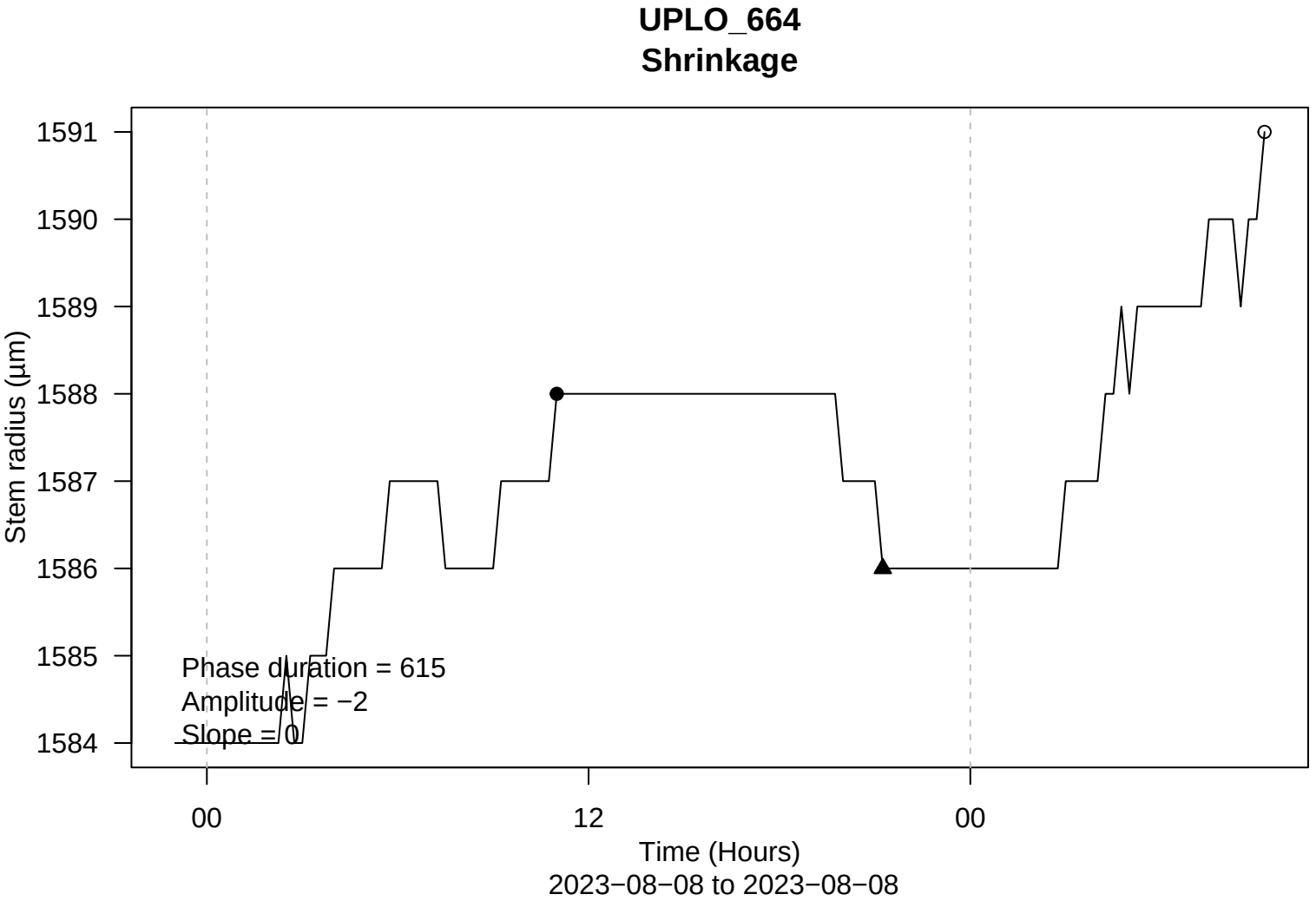

UPLO_664
Expansion
1580
1575
1570
1565
Stem radius (µm)
Phase duration = 2385
Amplitude = 17
Slope = 1e−04
00
00
00
Time (Hours)
2023−08−03 to 2023−08−05

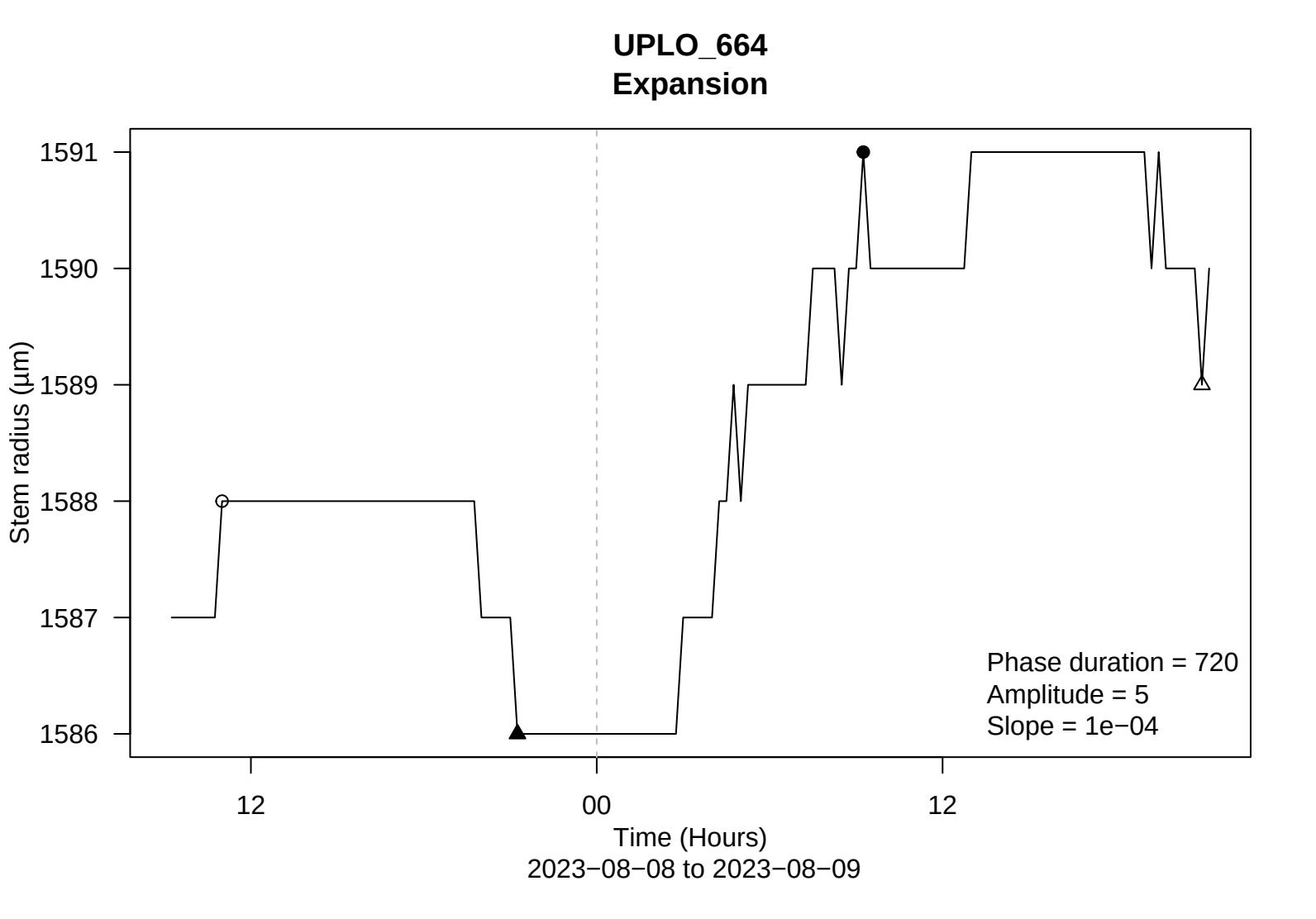

UPLO_664
Expansion
1583
1582
1581
1580
1579
1578
1577
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−08−05 to 2023−08−06
Phase duration = 1095
Amplitude = 4
Slope = 1e−04

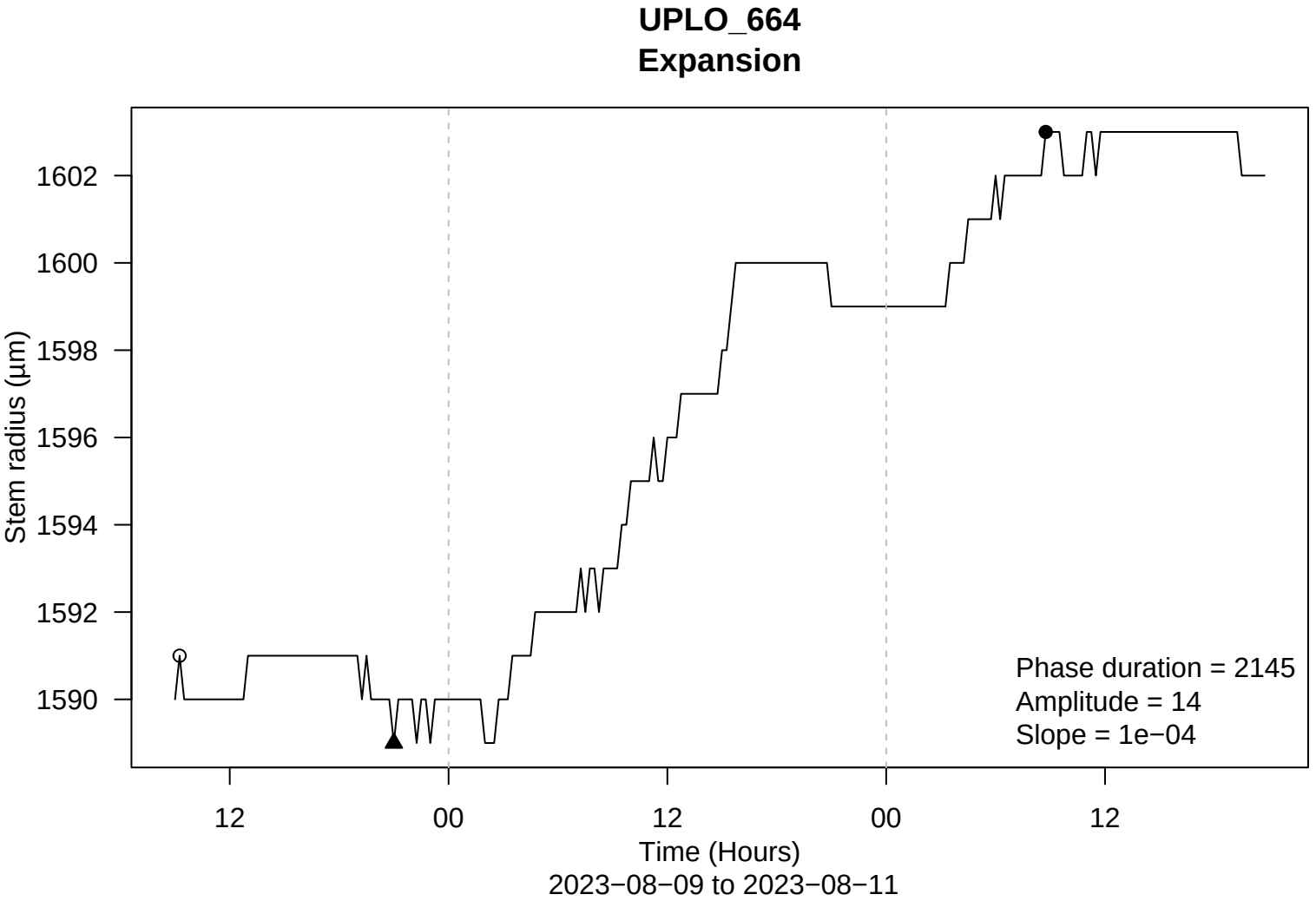

UPLO_664
Expansion
1586
1585
1584
1583
1582
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−08−06 to 2023−08−07
Phase duration = 960
Amplitude = 4
Slope = 1e−04

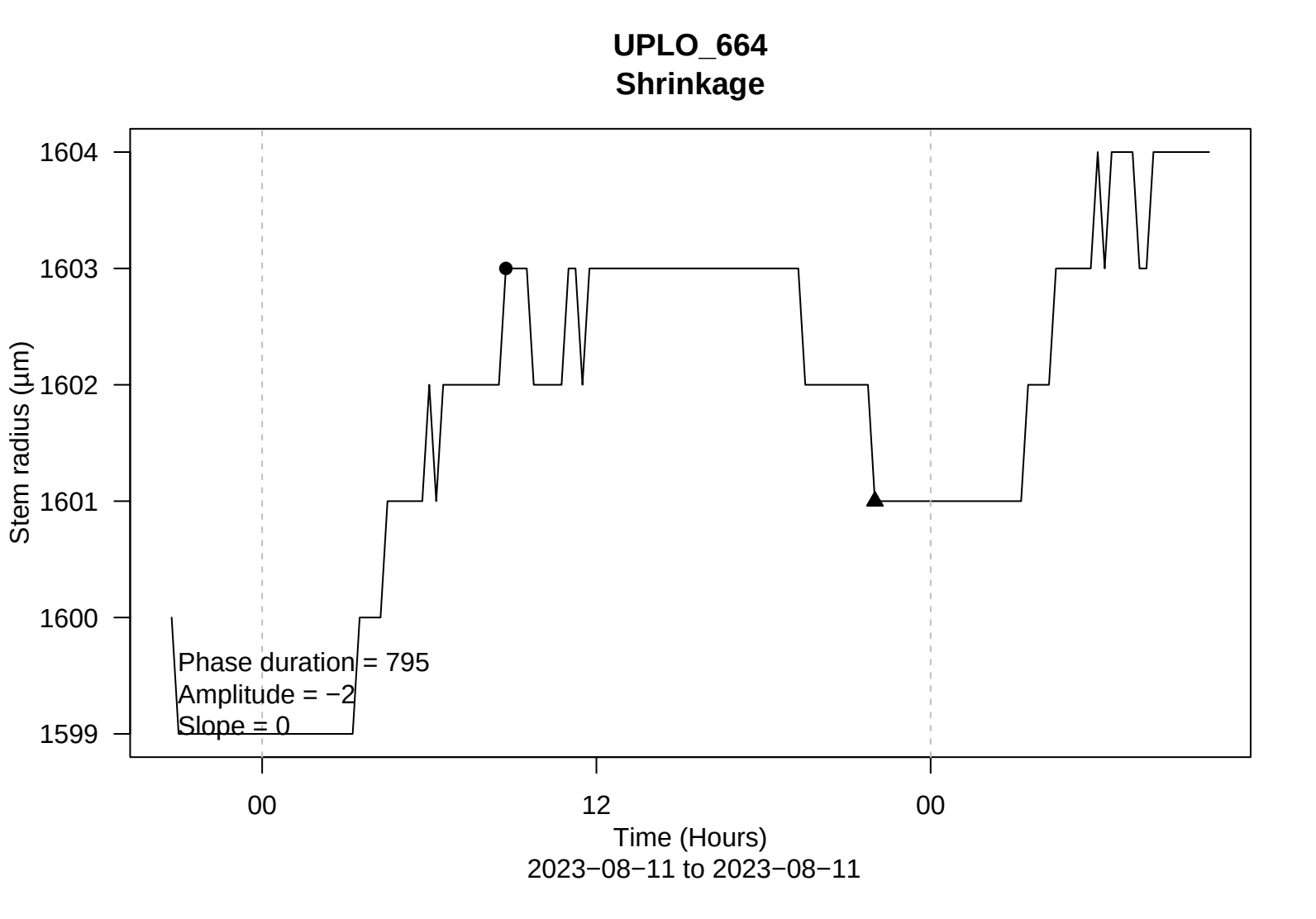

UPLO_664
Shrinkage
1587
1586
1585
1584
1583
1582
Stem radius (µm)
Phase duration = 495
Amplitude = −2
Slope = 0
06
12
18
00
06
Time (Hours)
2023−08−07 to 2023−08−07

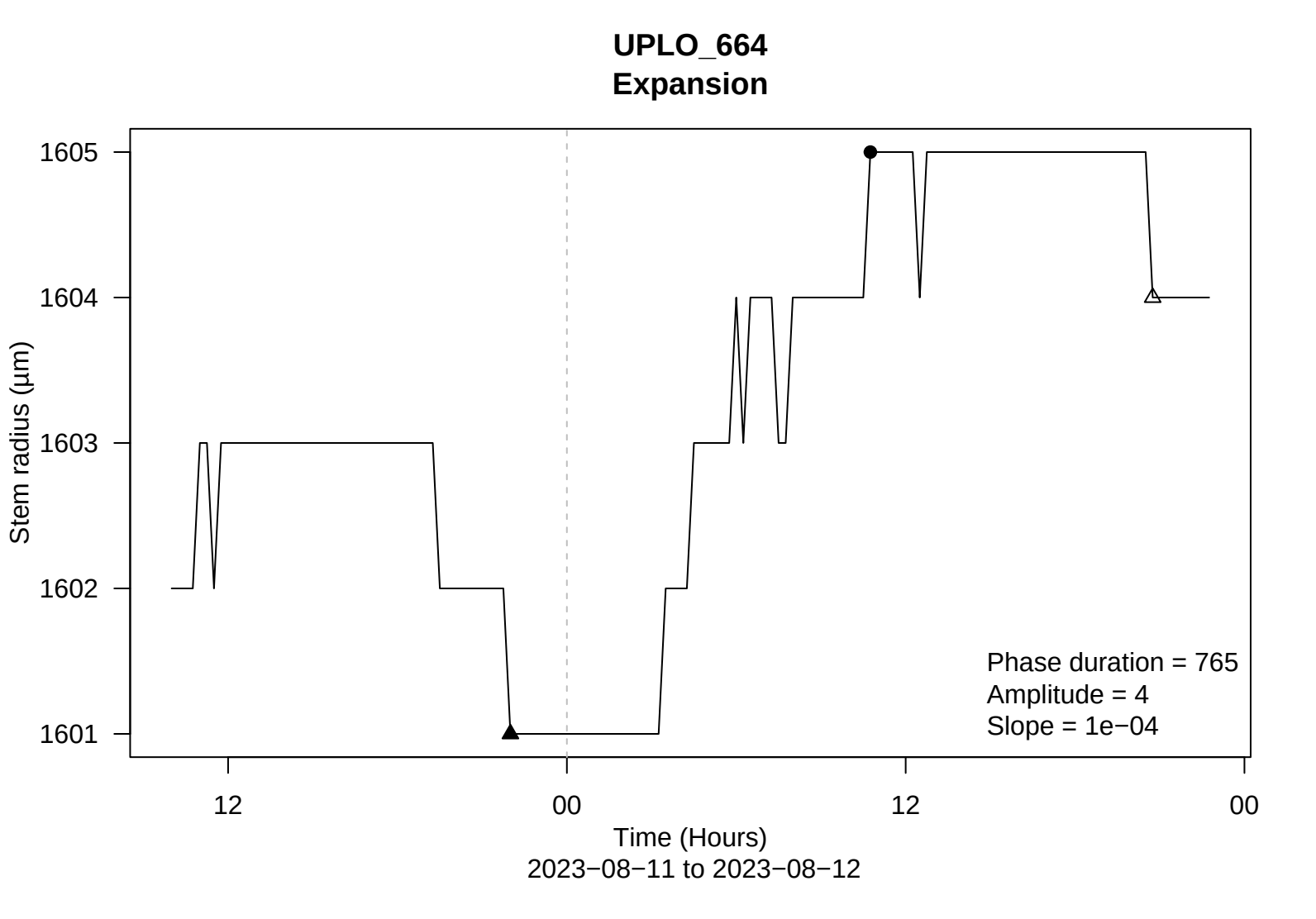

UPLO_664
Expansion
1588
1587
1586
1585
1584
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−08−07 to 2023−08−08
Phase duration = 795
Amplitude = 4
Slope = 1e−04

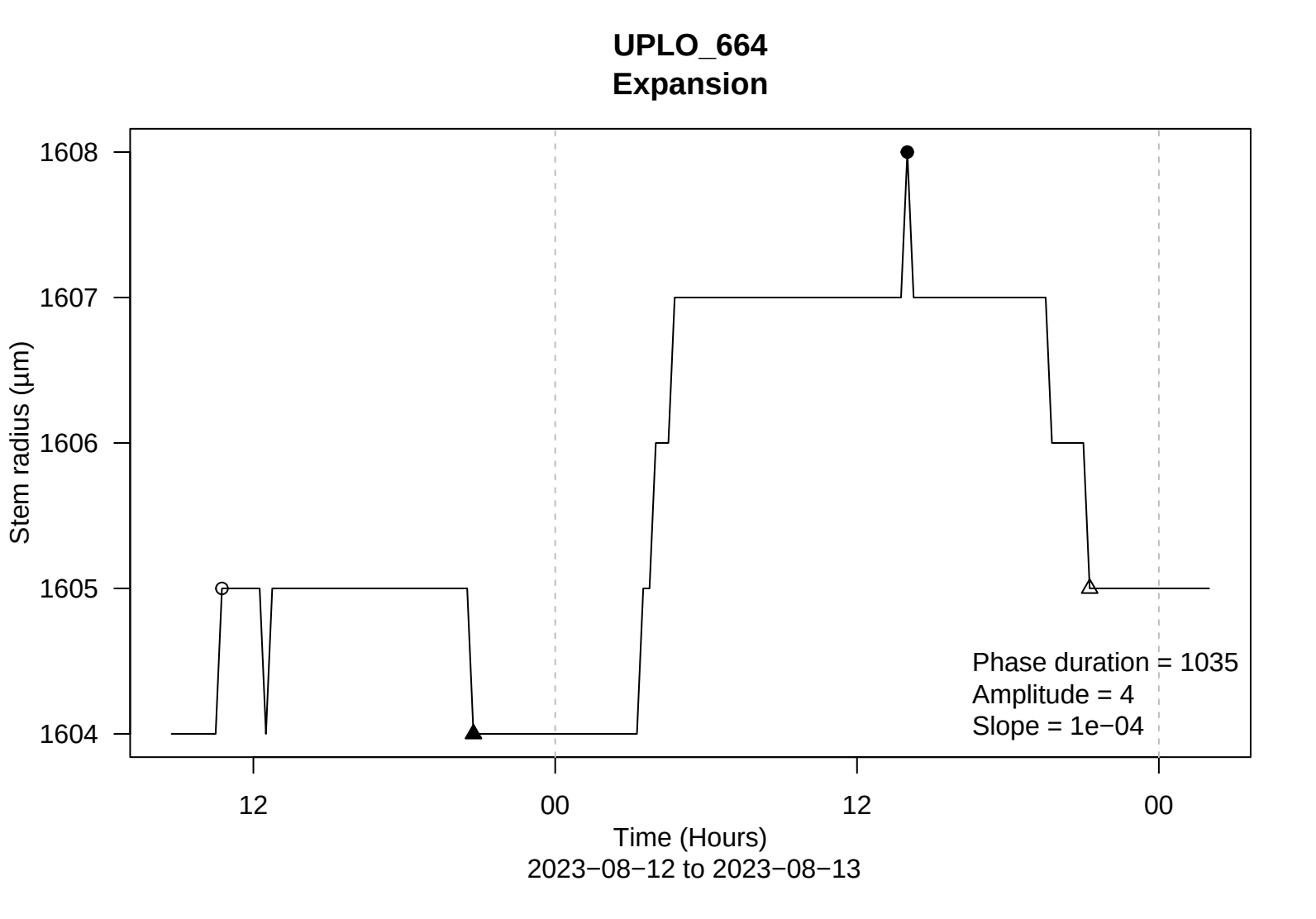

UPLO_664
Shrinkage
1591
1590
1589
1588
1587
1586
1585
1584
Stem radius (µm)
Phase duration = 615
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−08−08 to 2023−08−08

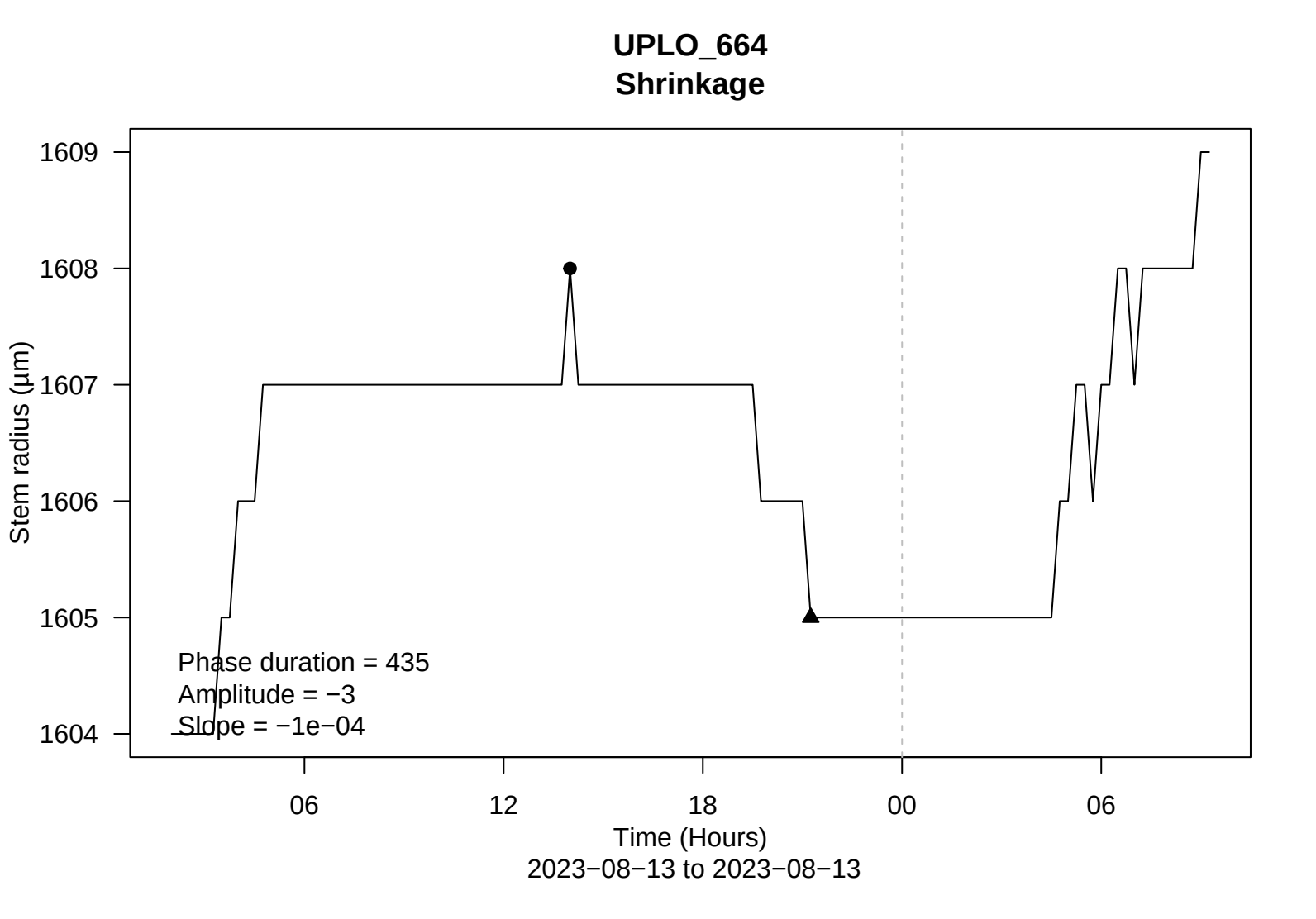

UPLO_664
Expansion
1591
1590
1589
1588
1587
1586
Stem radius (µm)
12
00
12
Time (Hours)
2023−08−08 to 2023−08−09
Phase duration = 720
Amplitude = 5
Slope = 1e−04

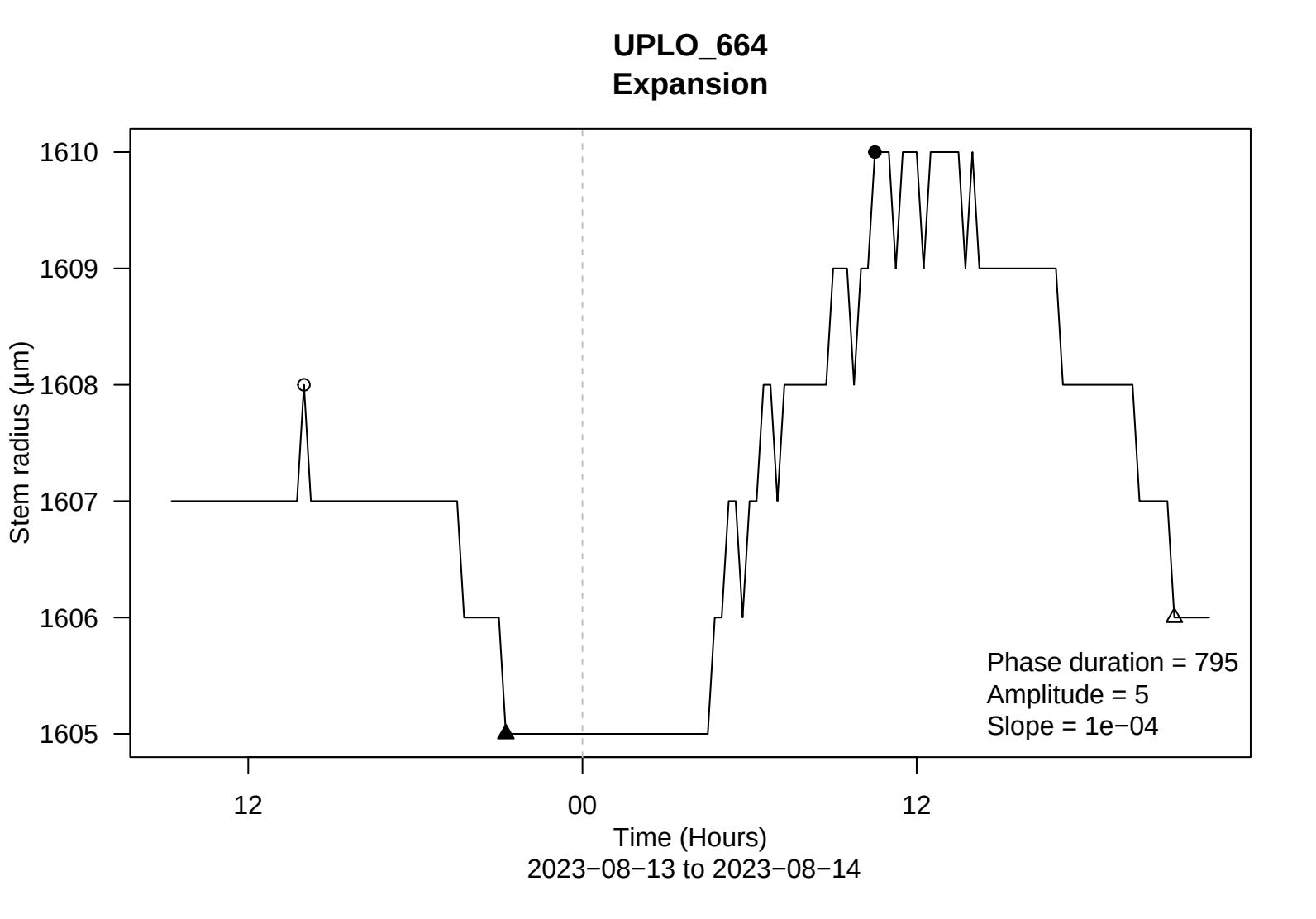

UPLO_664
Expansion
Stem radius (µm)
1602
1600
1598
1596
1594
1592
1590
12
00
12
00
12
Time (Hours)
2023−08−09 to 2023−08−11
Phase duration = 2145
Amplitude = 14
Slope = 1e−04

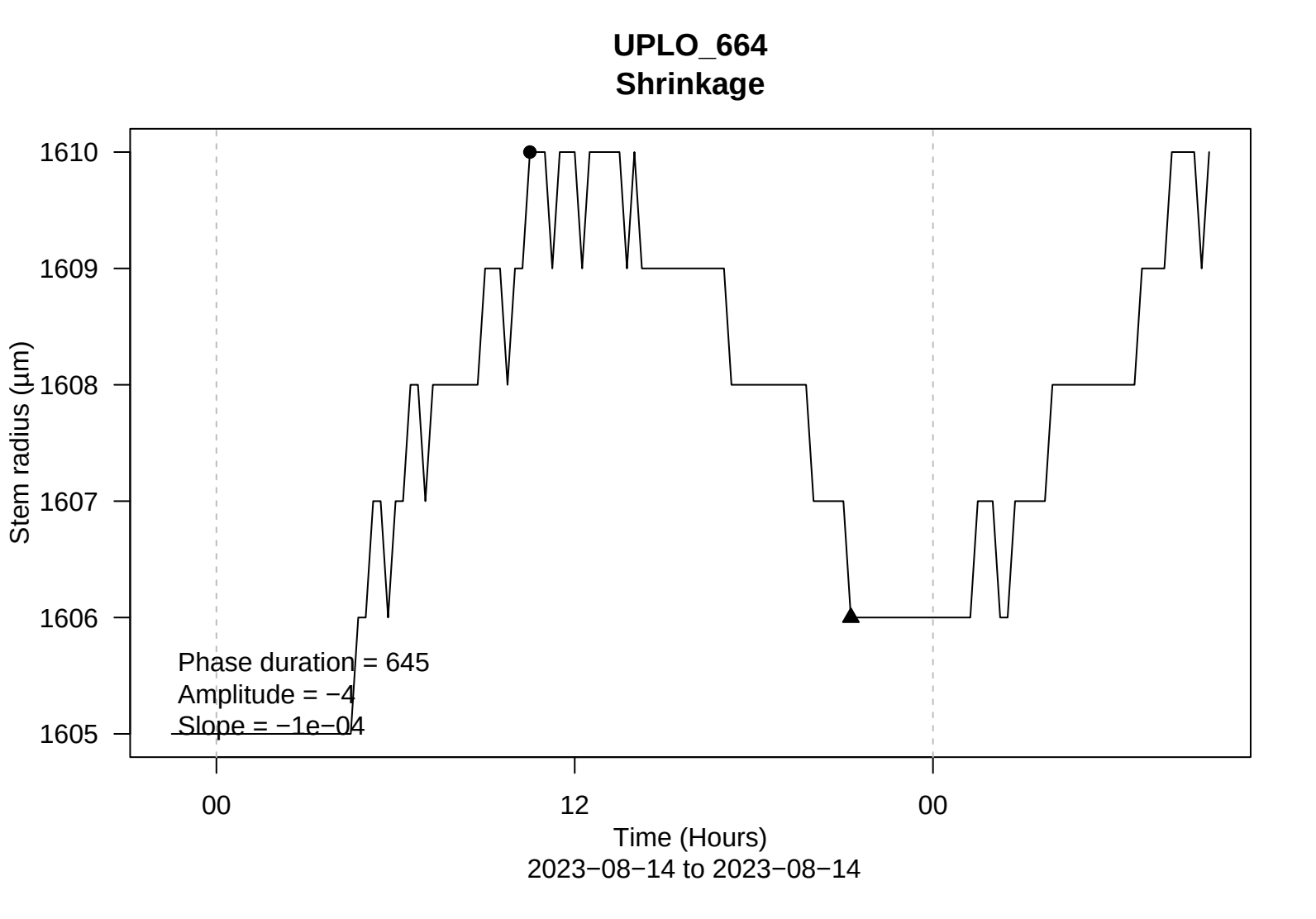

UPLO_664
Shrinkage
1604
1603
1602
1601
1600
1599
Stem radius (µm)
Phase duration = 795
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−08−11 to 2023−08−11

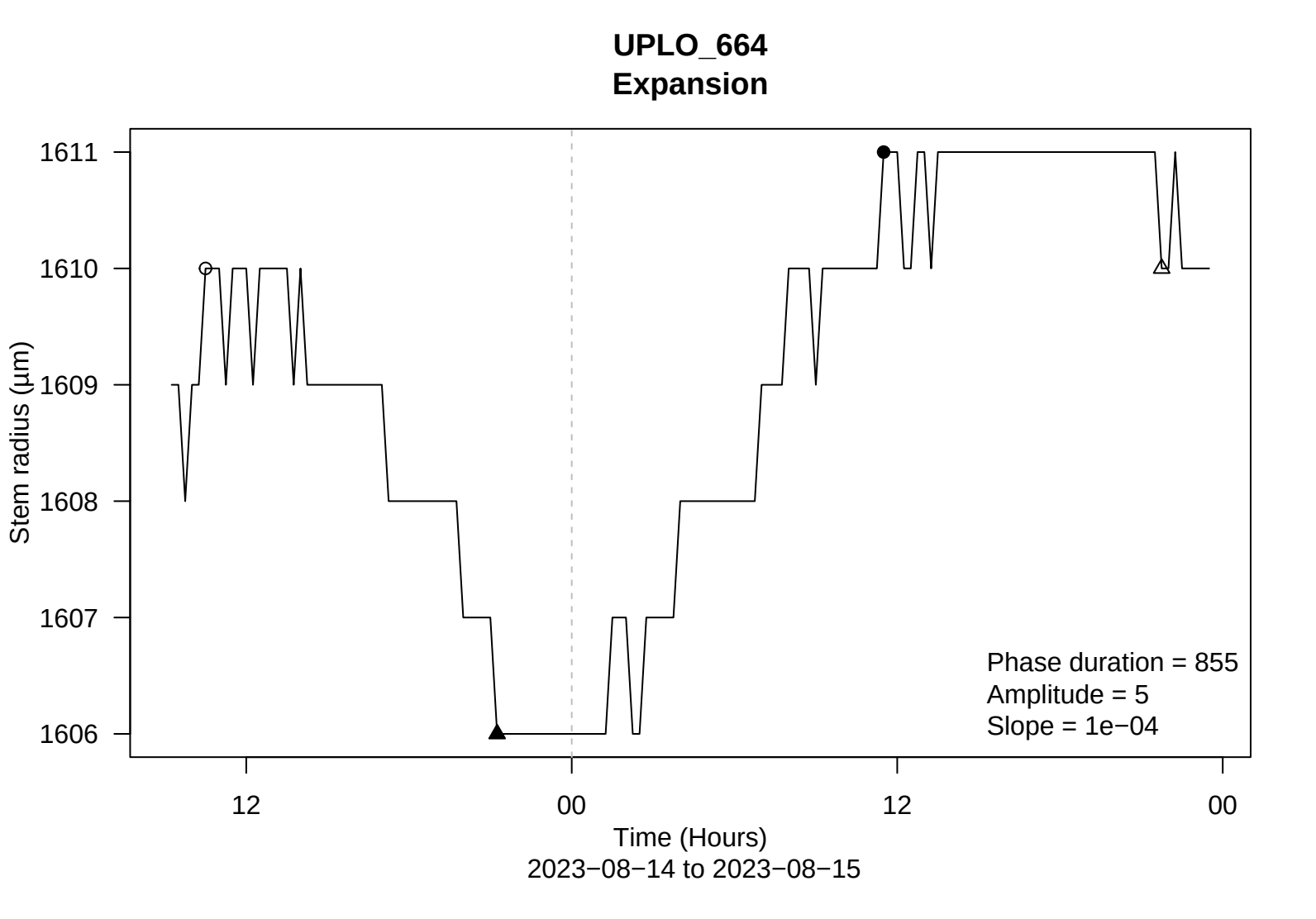

UPLO_664
Expansion
1605
1604
1603
1602
1601
Stem radius (µm)
Phase duration = 765
Amplitude = 4
Slope = 1e−04
12
00
12
00
Time (Hours)
2023−08−11 to 2023−08−12

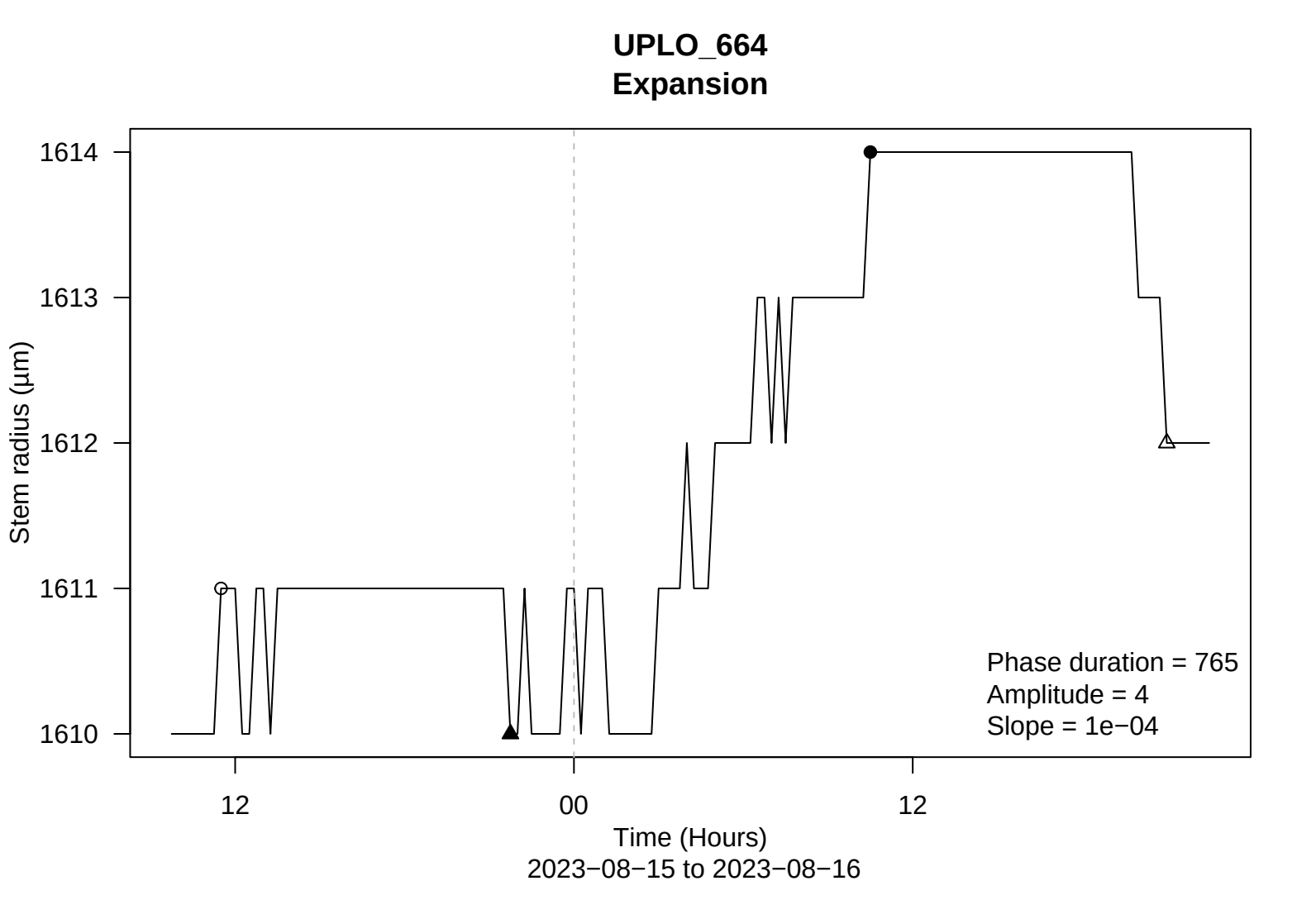

UPLO_664
Expansion
1608
1607
1606
1605
1604
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−08−12 to 2023−08−13
Phase duration = 1035
Amplitude = 4
Slope = 1e−04

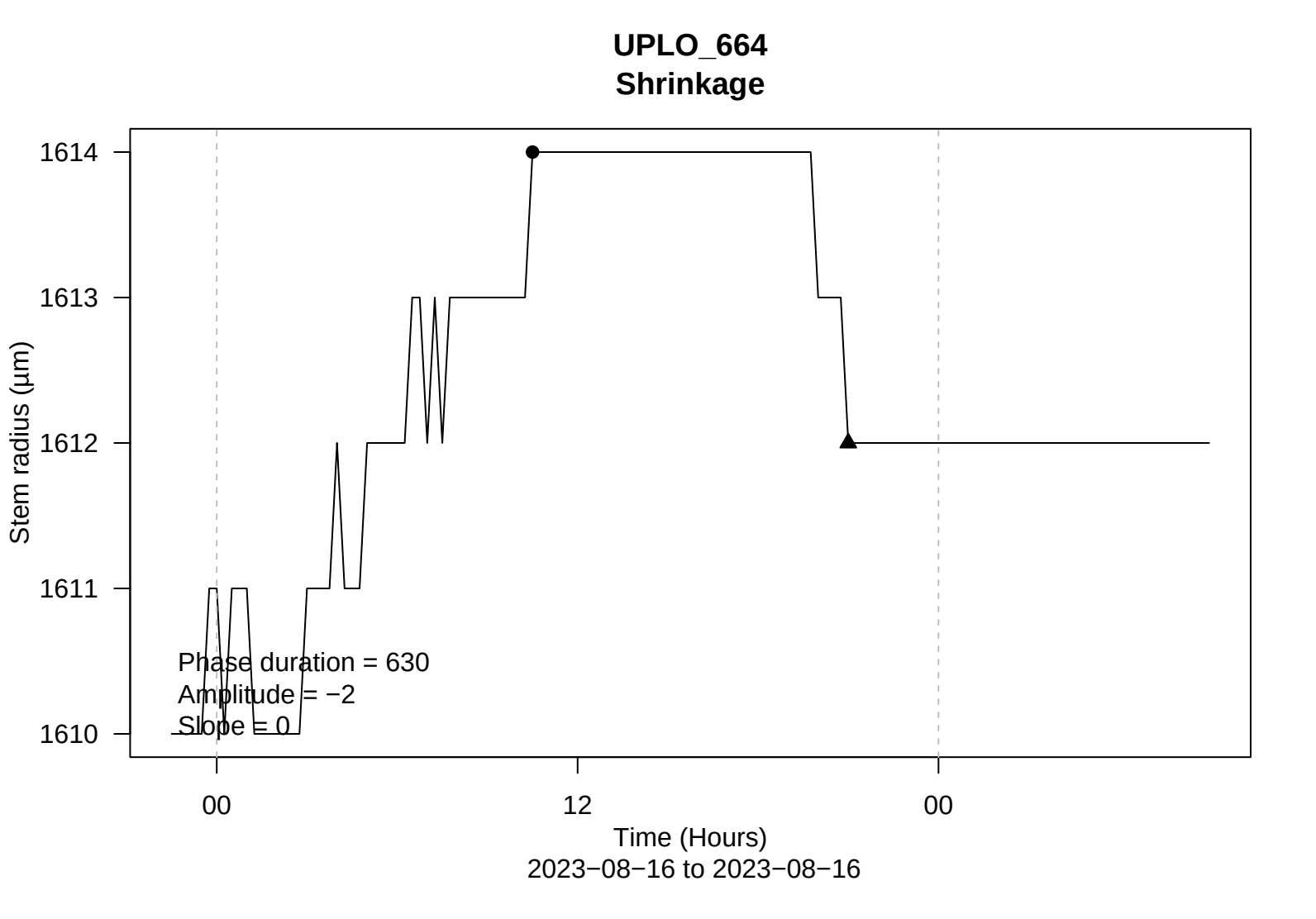

UPLO_664
Shrinkage
1609
1608
1607
1606
1605
1604
Stem radius (µm)
Phase duration = 435
Amplitude = −3
Slope = −1e−04
06
12
18
00
06
Time (Hours)
2023−08−13 to 2023−08−13

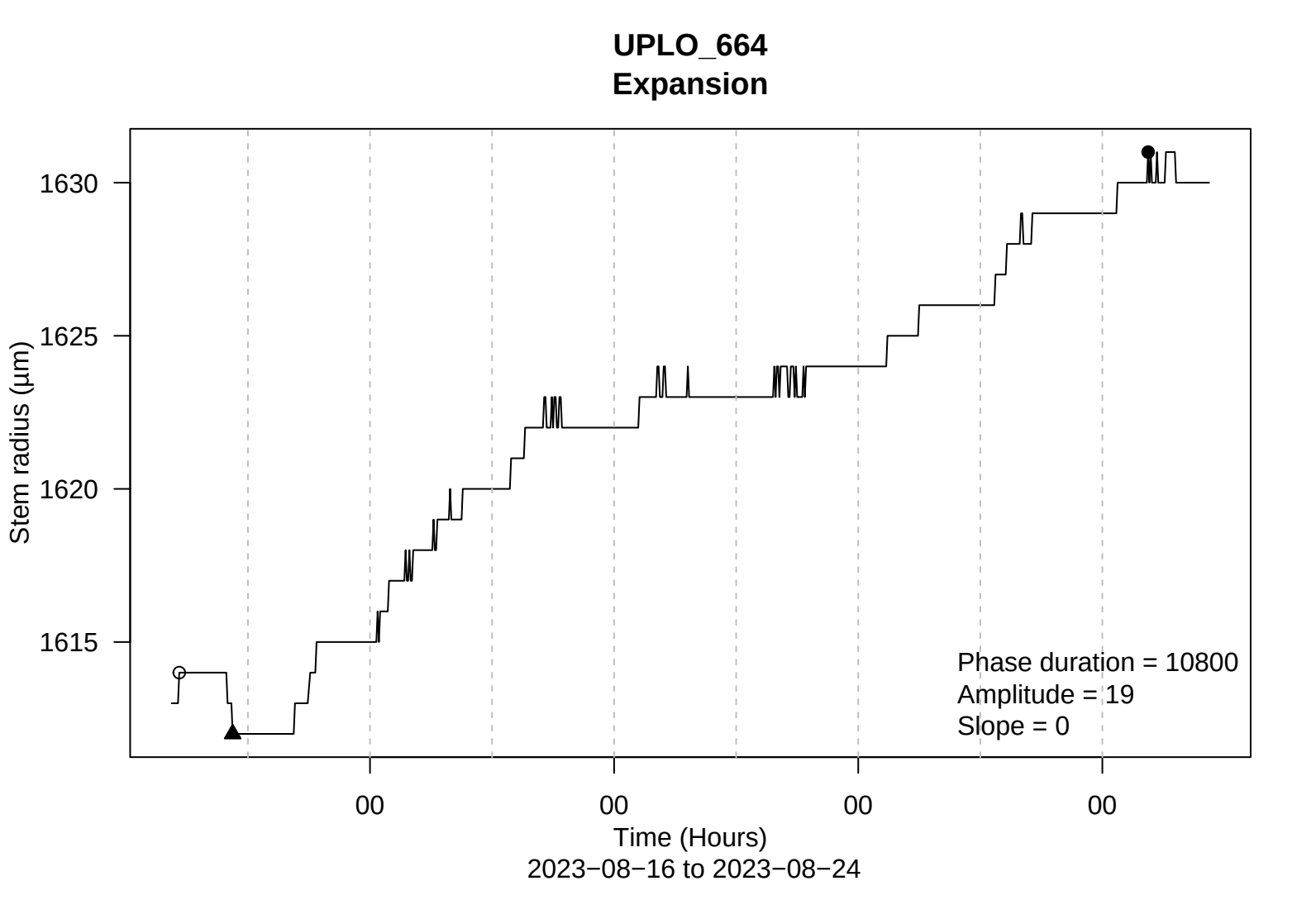

UPLO_664
Expansion
1610
1609
1608
1607
1606
1605
Stem radius (µm)
12
00
12
Time (Hours)
2023−08−13 to 2023−08−14
Phase duration = 795
Amplitude = 5
Slope = 1e−04

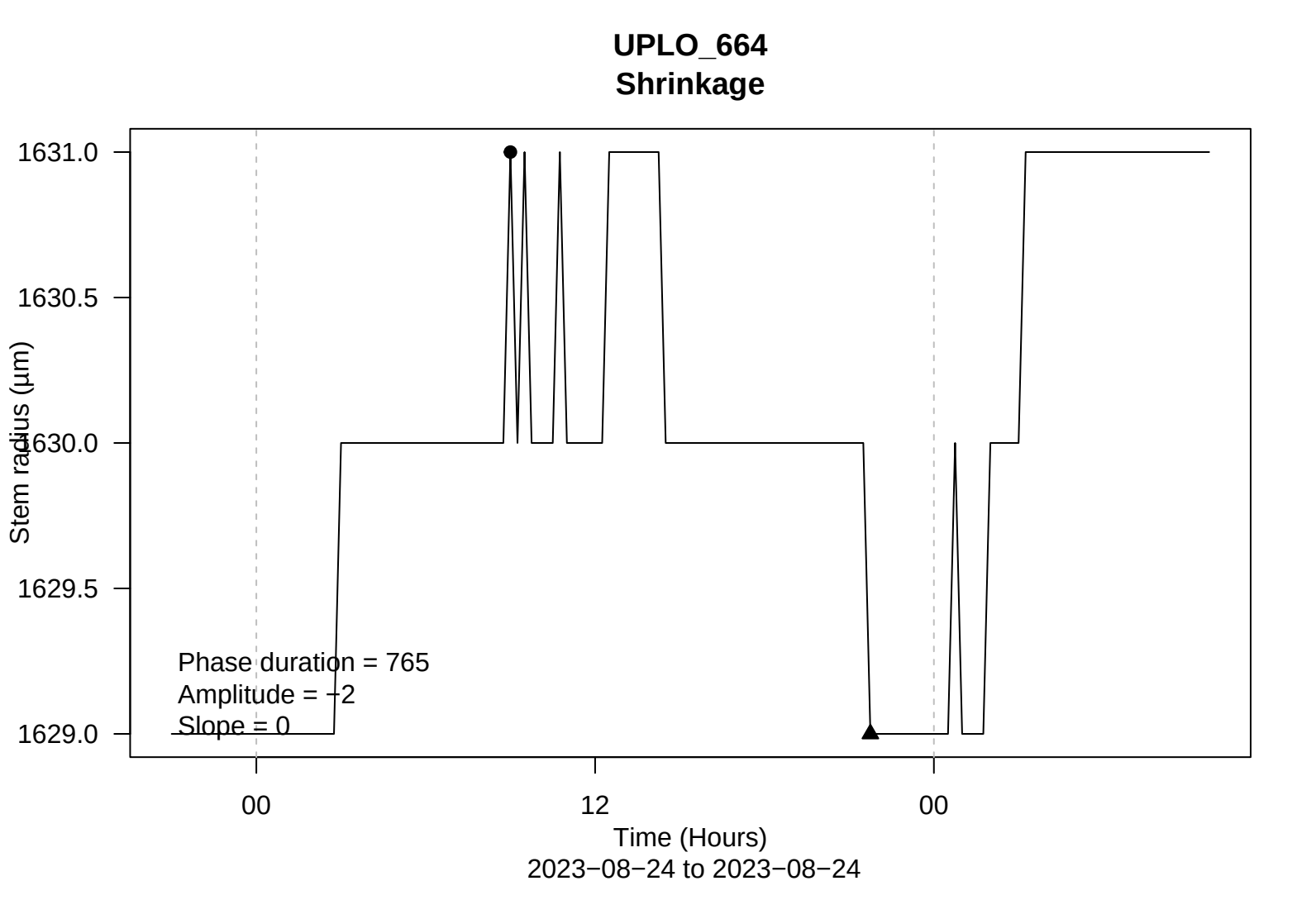

UPLO_664
Shrinkage
1610
1609
1608
1607
1606
1605
Stem radius (µm)
Phase duration = 645
Amplitude = −4
Slope = −1e−04
00
12
00
Time (Hours)
2023−08−14 to 2023−08−14

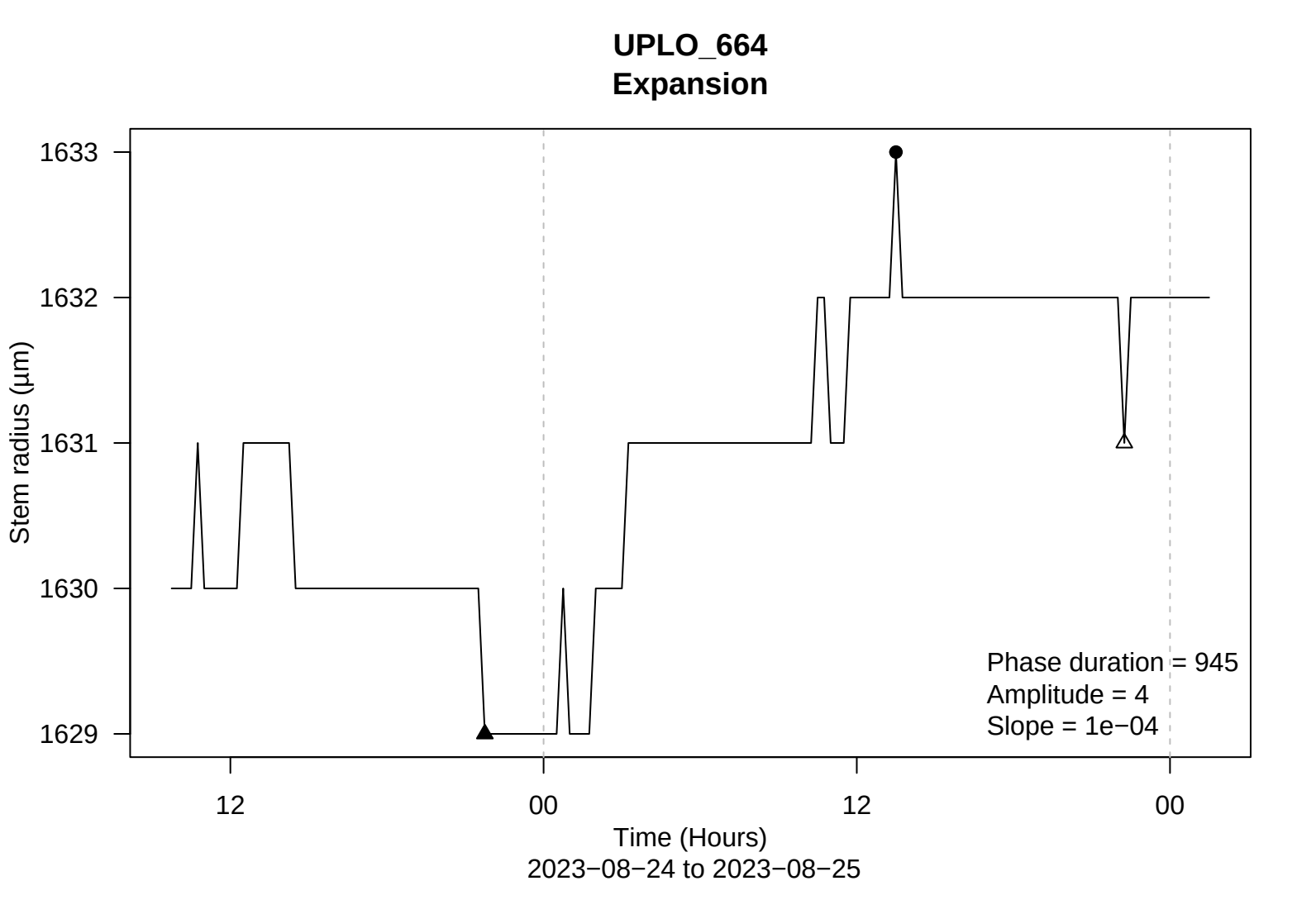

UPLO_664
Expansion
1611
1610
1609
1608
1607
1606
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−08−14 to 2023−08−15
Phase duration = 855
Amplitude = 5
Slope = 1e−04

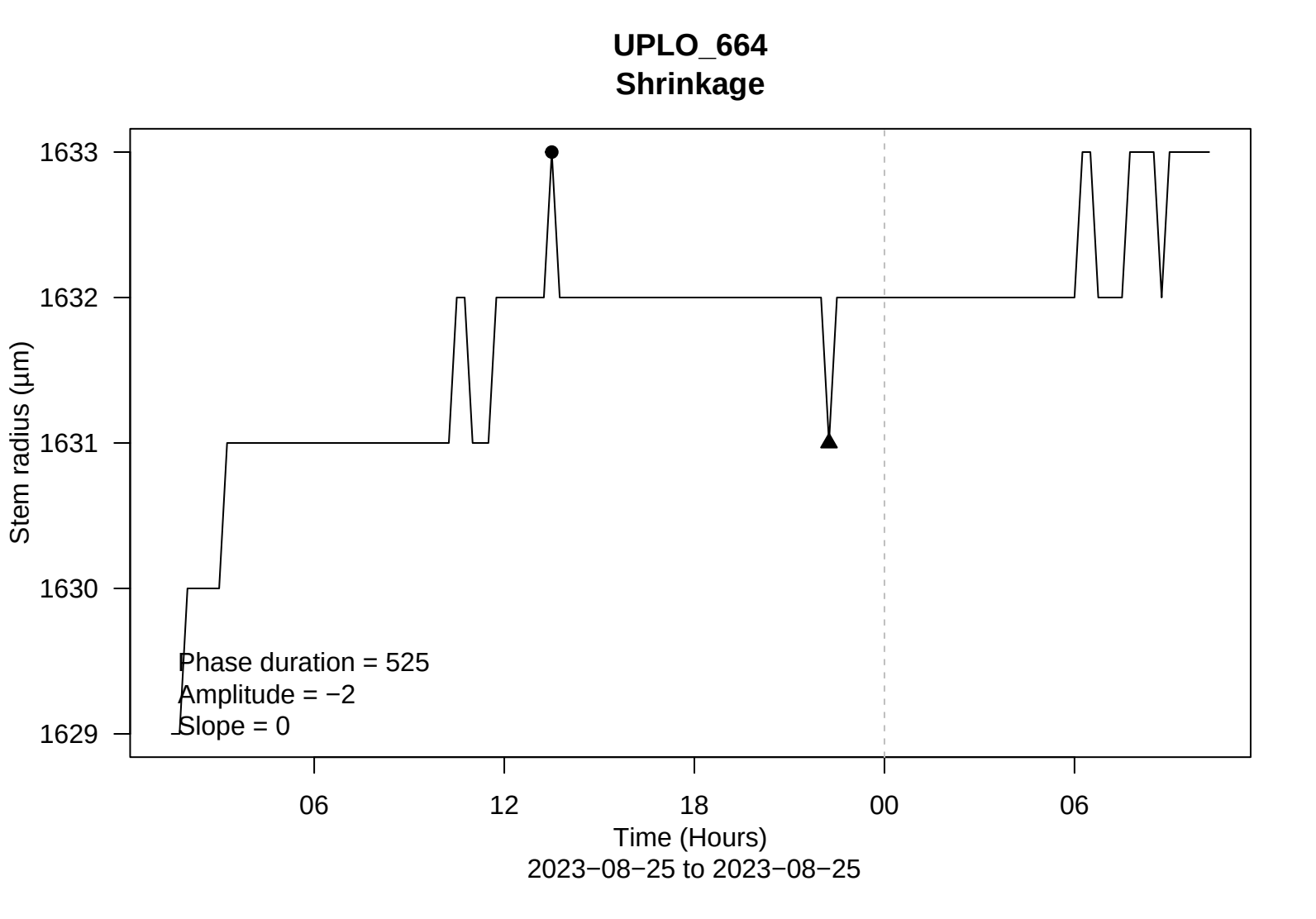

UPLO_664
Expansion
1614
1613
1612
1611
1610
Stem radius (µm)
Phase duration = 765
Amplitude = 4
Slope = 1e−04
12
00
12
Time (Hours)
2023−08−15 to 2023−08−16

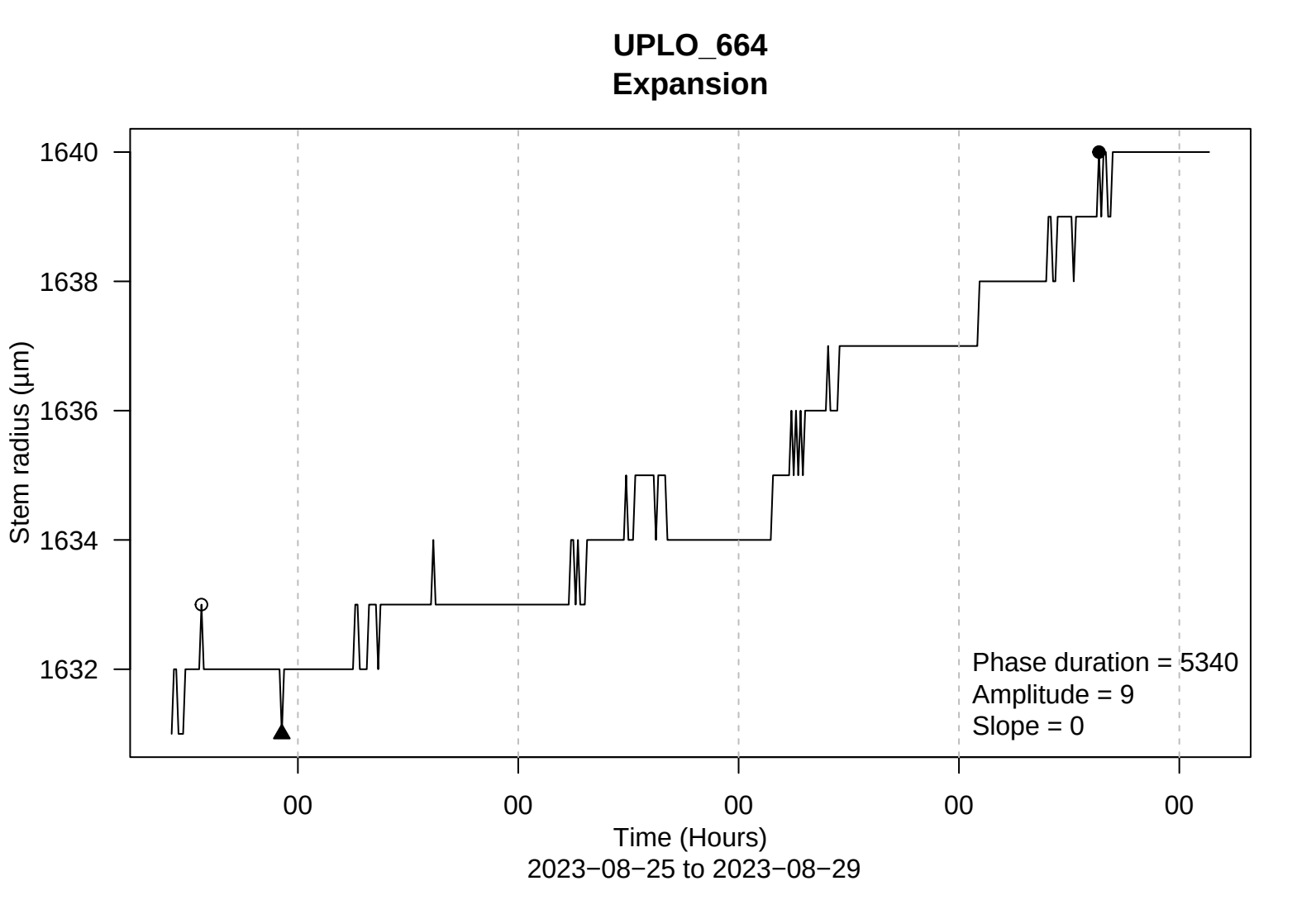

UPLO_664
Shrinkage
1614
1613
1612
1611
1610
Stem radius (µm)
Phase duration = 630
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−08−16 to 2023−08−16

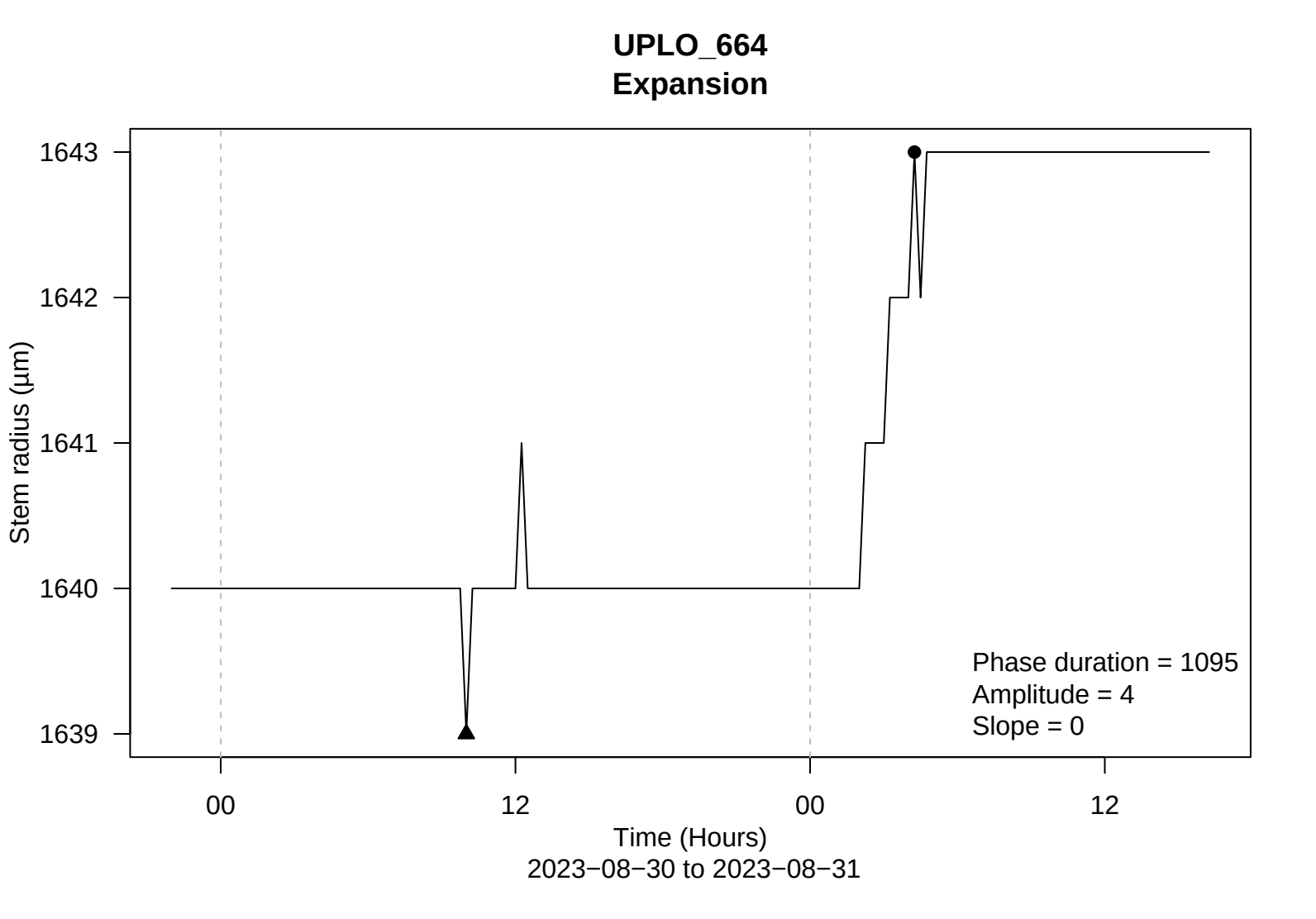

UPLO_664
Expansion
1630
1625
1620
1615
Stem radius (µm)
Phase duration = 10800
Amplitude = 19
Slope = 0
00
00
00
00
Time (Hours)
2023−08−16 to 2023−08−24

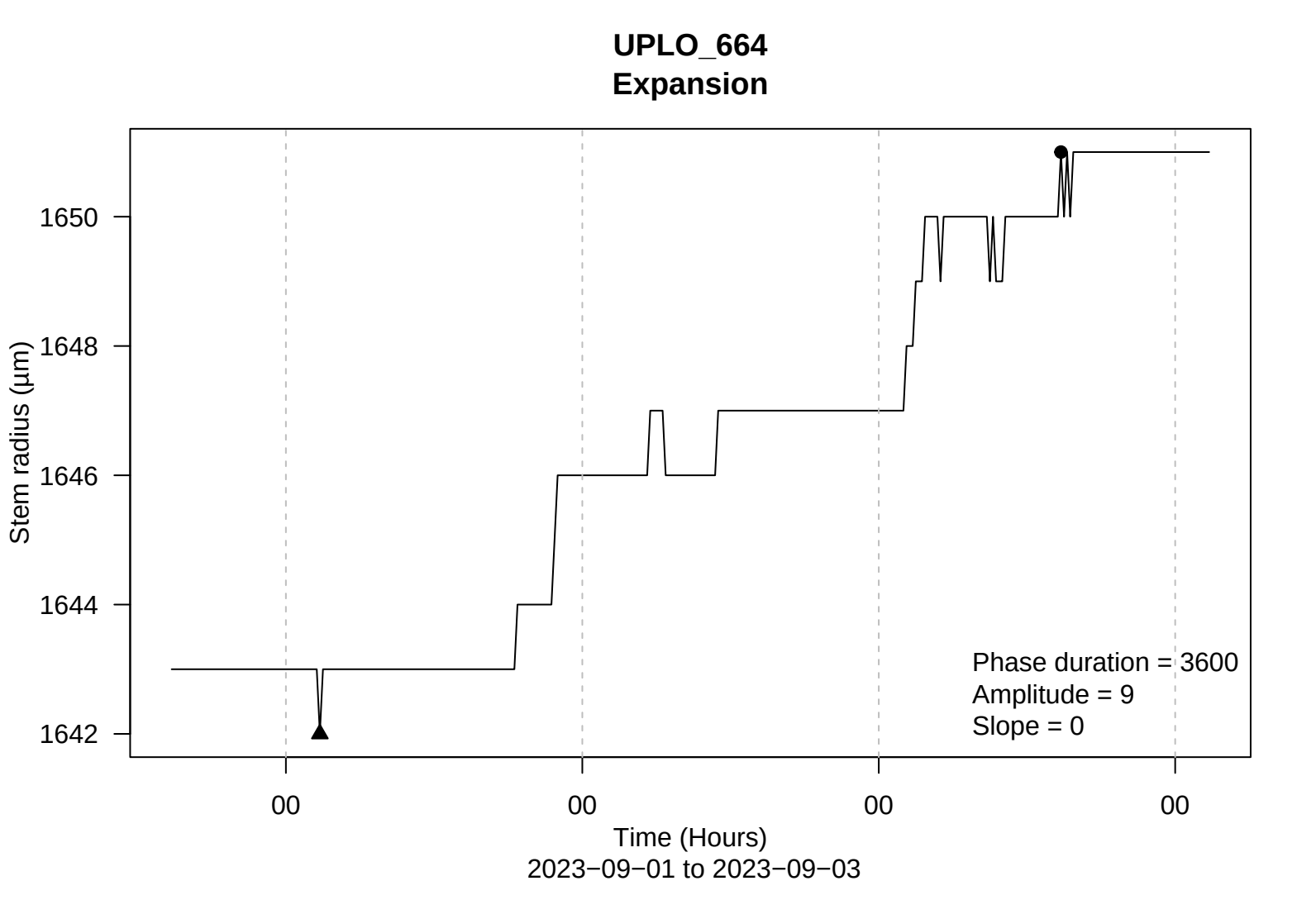

UPLO_664
Shrinkage
1631.0
1630.5
1630.0
1629.5
1629.0
Stem radius (µm)
Phase duration = 765
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−08−24 to 2023−08−24

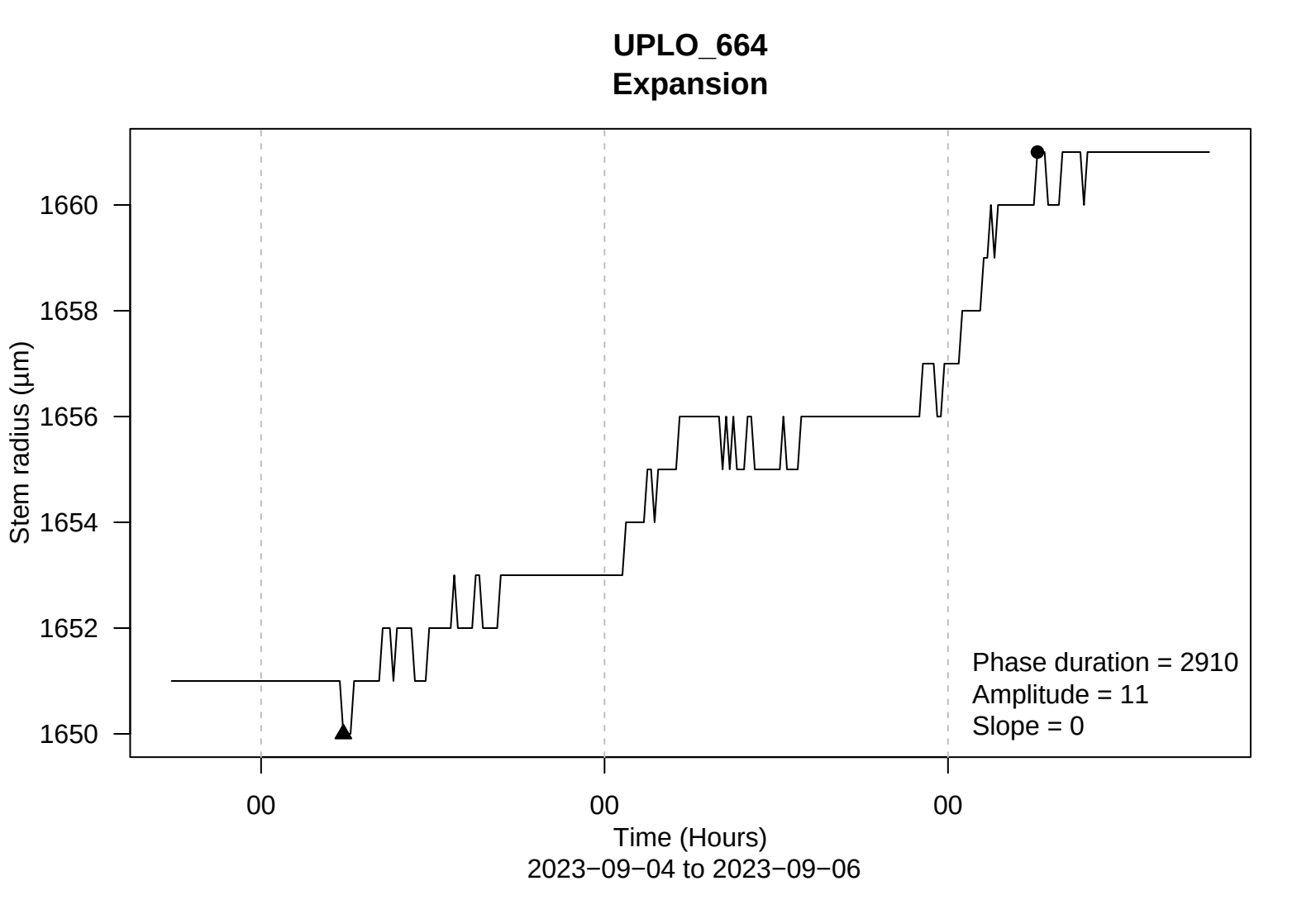

UPLO_664
Expansion
1633
1632
1631
1630
1629
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−08−24 to 2023−08−25
Phase duration = 945
Amplitude = 4
Slope = 1e−04

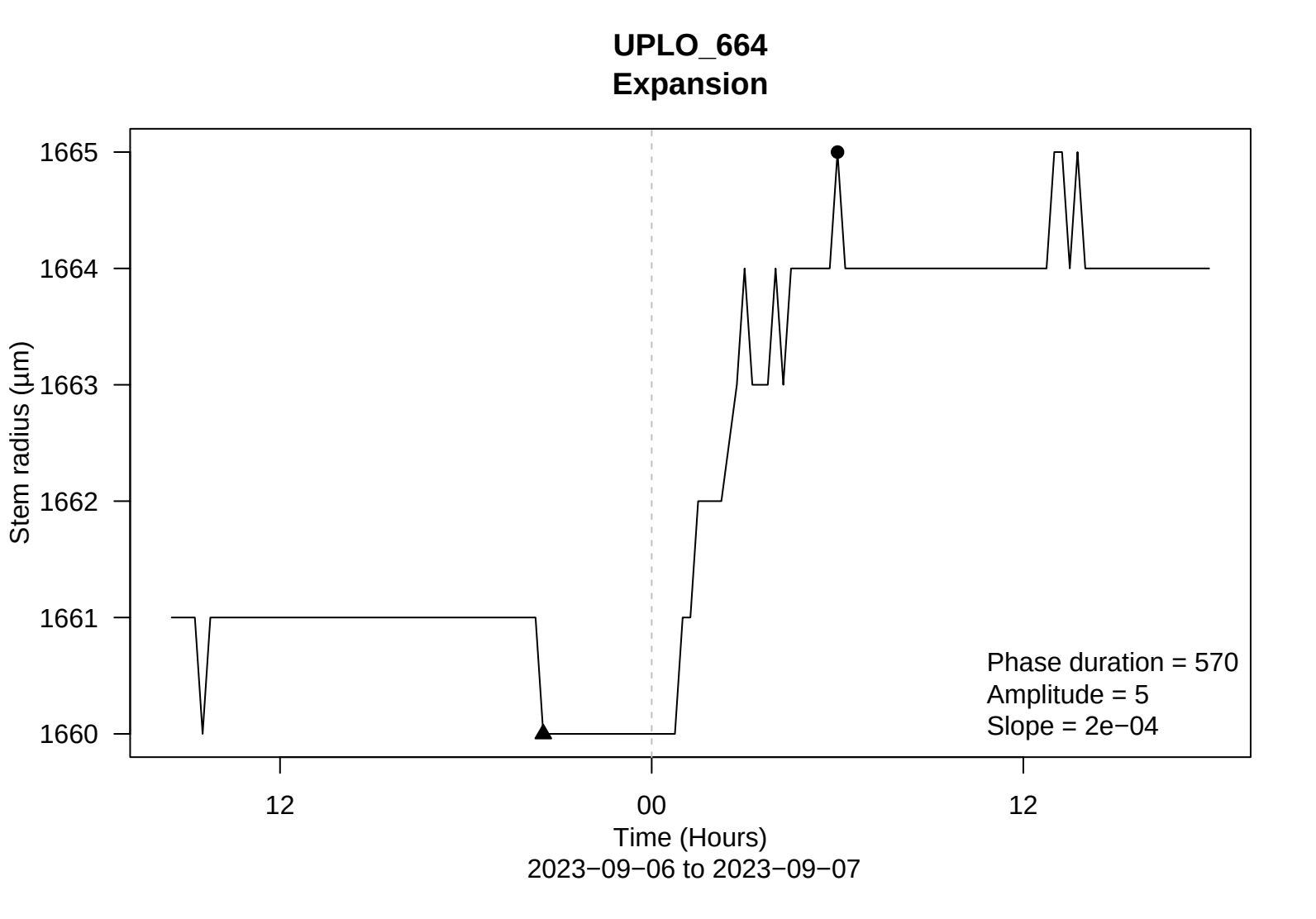

UPLO_664
Shrinkage
1633
1632
1631
1630
1629
Stem radius (µm)
Phase duration = 525
Amplitude = −2
Slope = 0
06
12
18
00
06
Time (Hours)
2023−08−25 to 2023−08−25

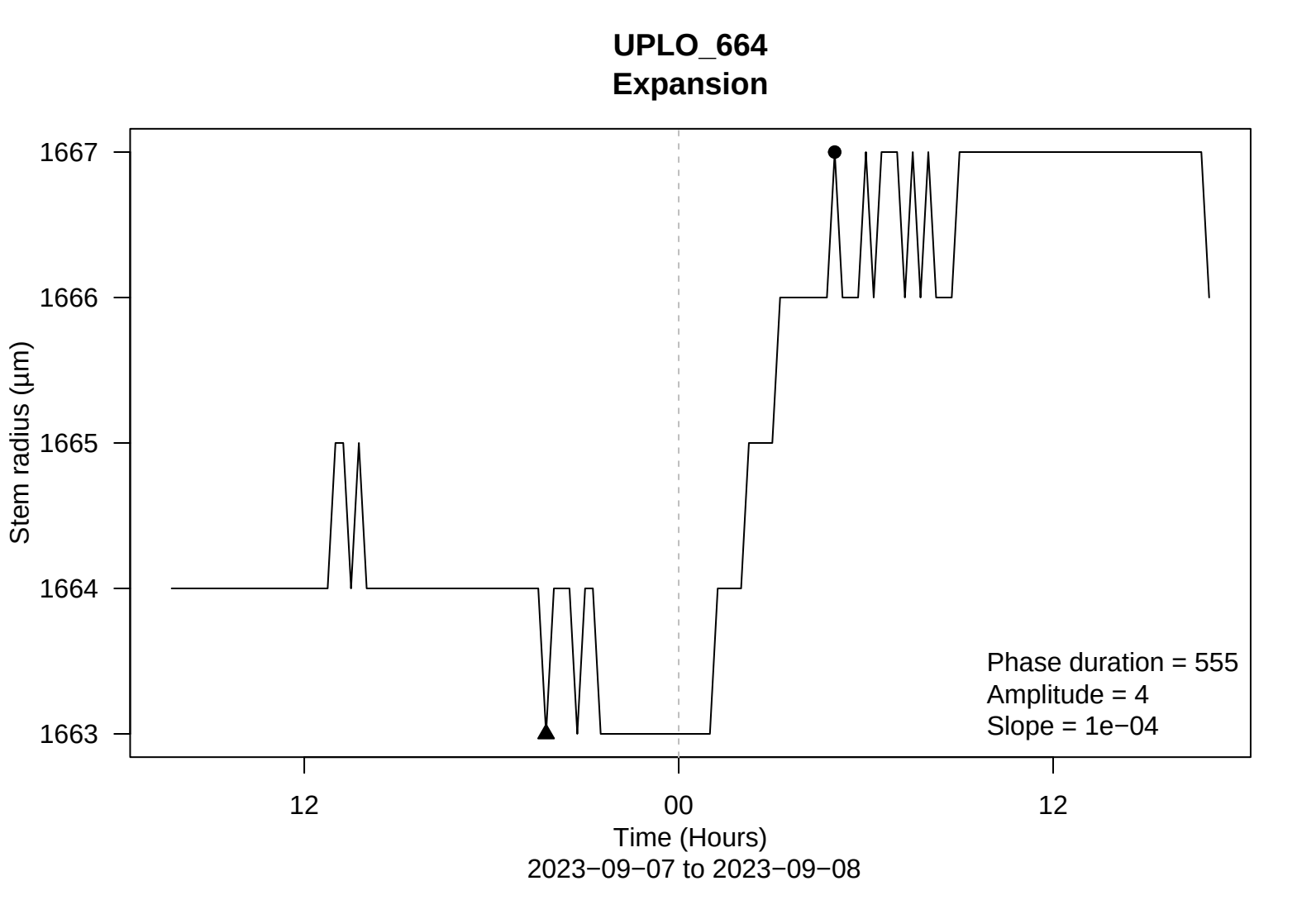

UPLO_664
Expansion
1640
1638
1636
1634
1632
Stem radius (µm)
00
00
00
00
00
Time (Hours)
2023−08−25 to 2023−08−29
Phase duration = 5340
Amplitude = 9
Slope = 0

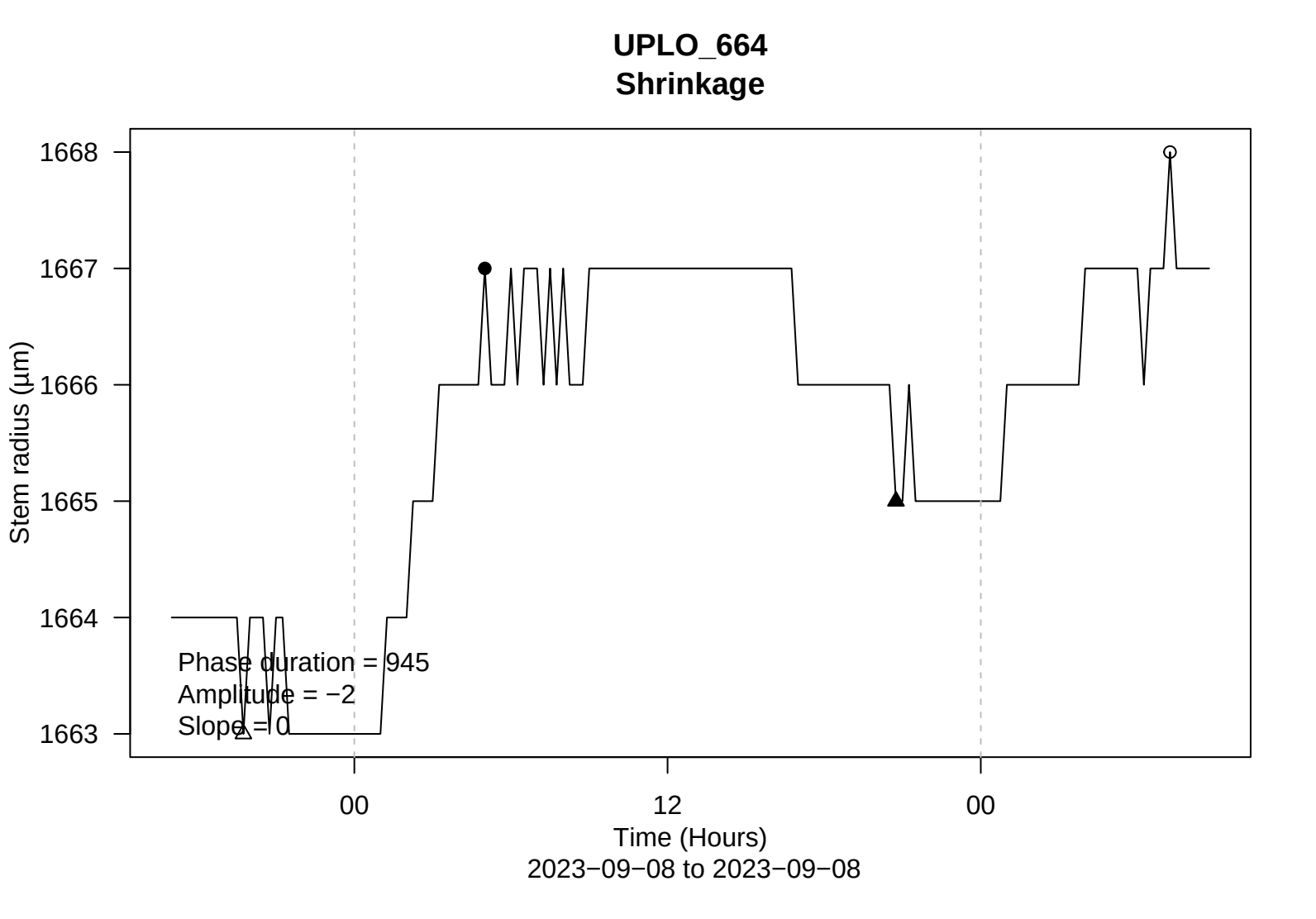

UPLO_664
Expansion
1643
1642
1641
1640
1639
Stem radius (µm)
Phase duration = 1095
Amplitude = 4
Slope = 0
00
12
00
12
Time (Hours)
2023−08−30 to 2023−08−31

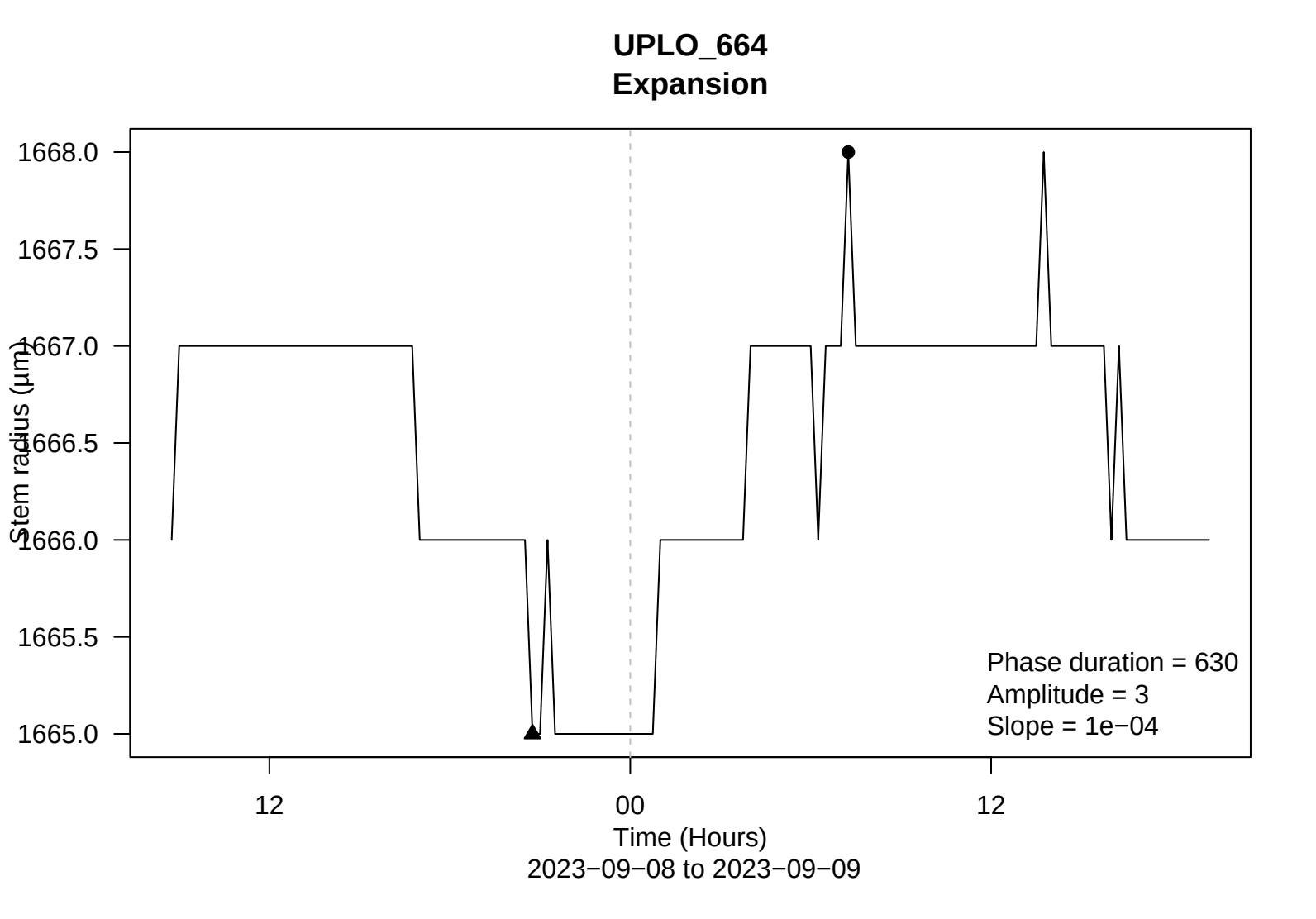

UPLO_664
Expansion
Stem radius (µm)
1650
1648
1646
1644
1642
Phase duration = 3600
Amplitude = 9
Slope = 0
00
00
00
00
Time (Hours)
2023−09−01 to 2023−09−03

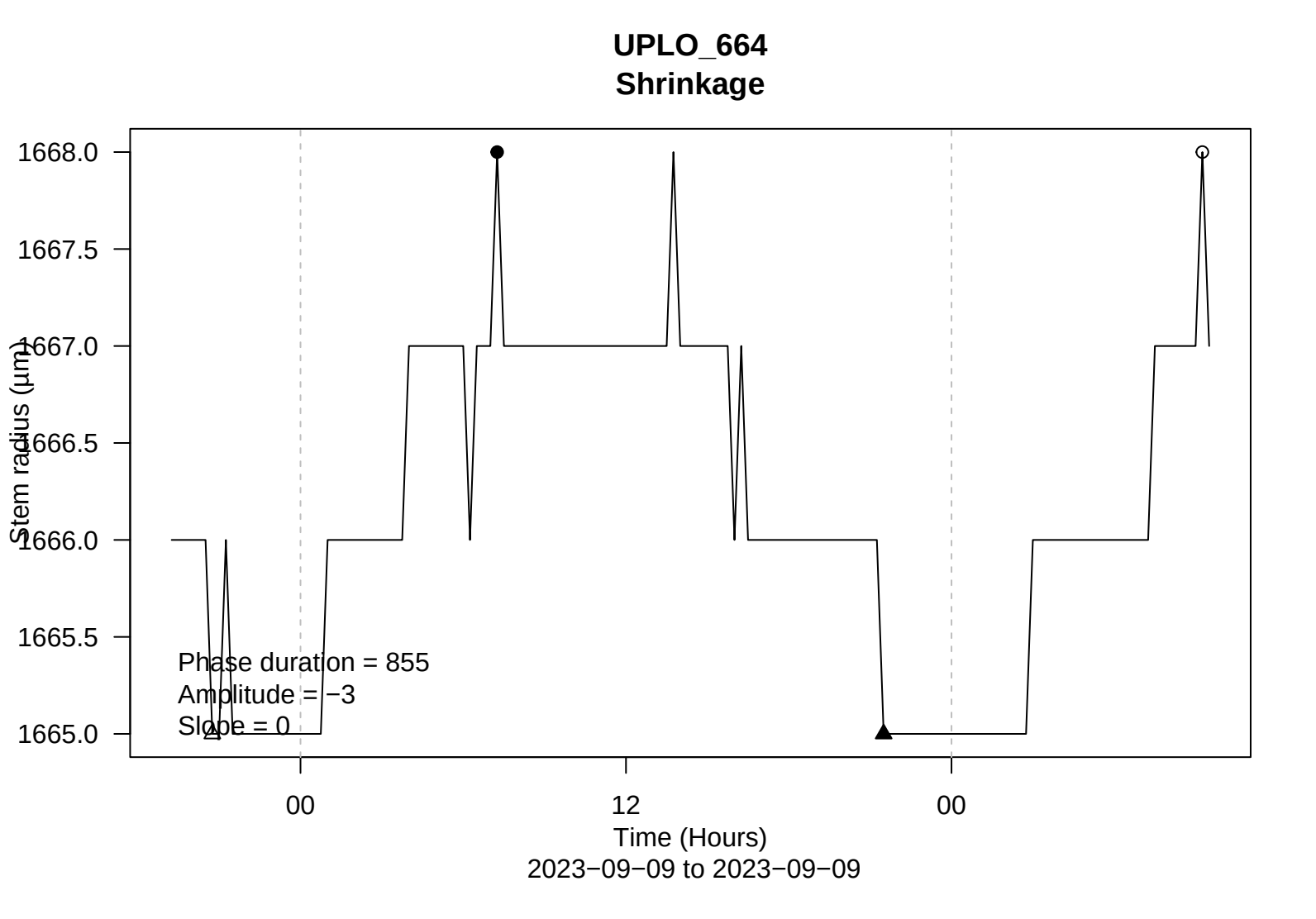

UPLO_664
Expansion
1660
1658
1656
1654
1652
1650
Stem radius (µm)
00
00
00
Time (Hours)
2023−09−04 to 2023−09−06
Phase duration = 2910
Amplitude = 11
Slope = 0

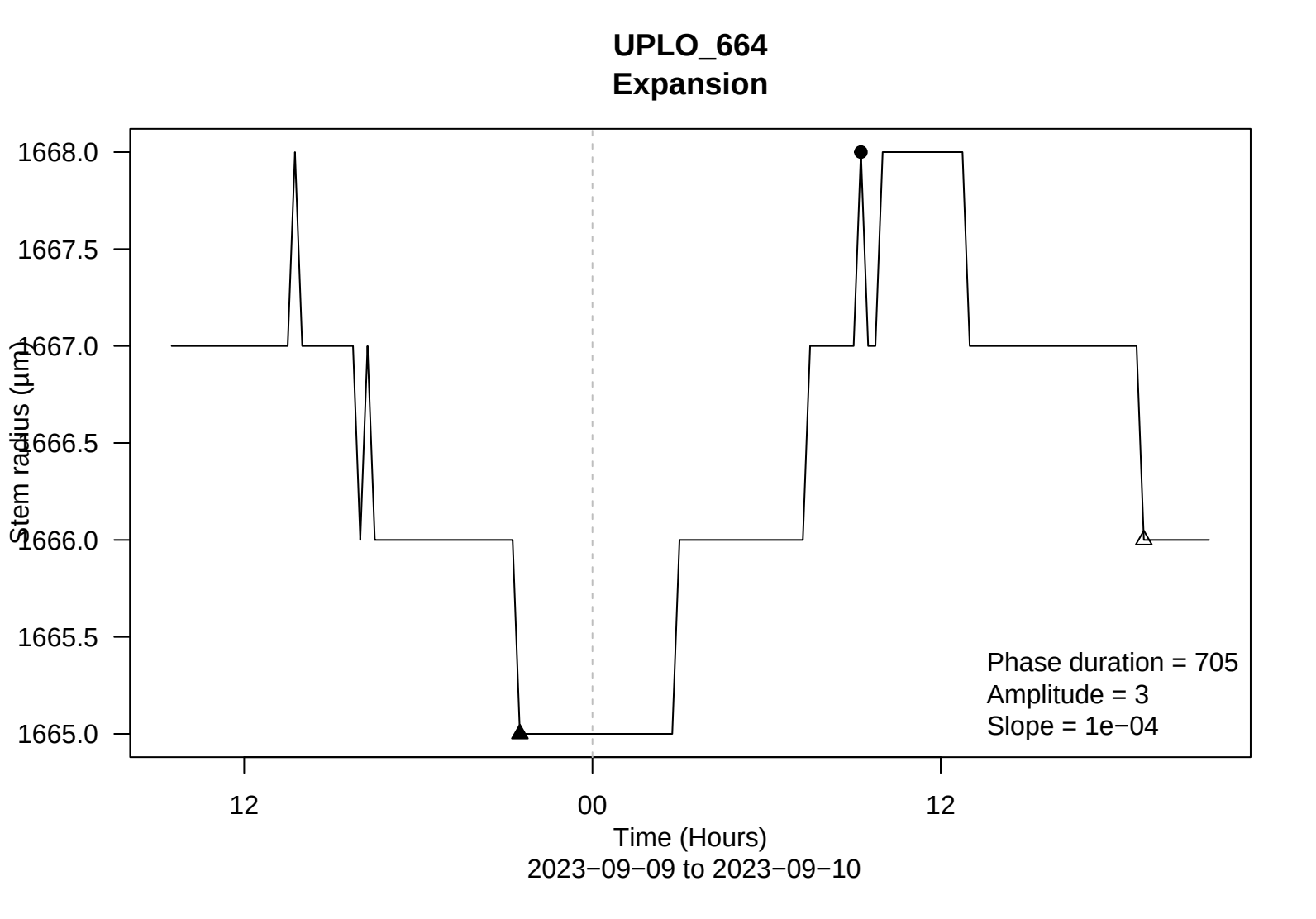

UPLO_664
Expansion
1665
1664
1663
1662
1661
1660
Stem radius (µm)
12
00
12
Time (Hours)
2023−09−06 to 2023−09−07
Phase duration = 570
Amplitude = 5
Slope = 2e−04

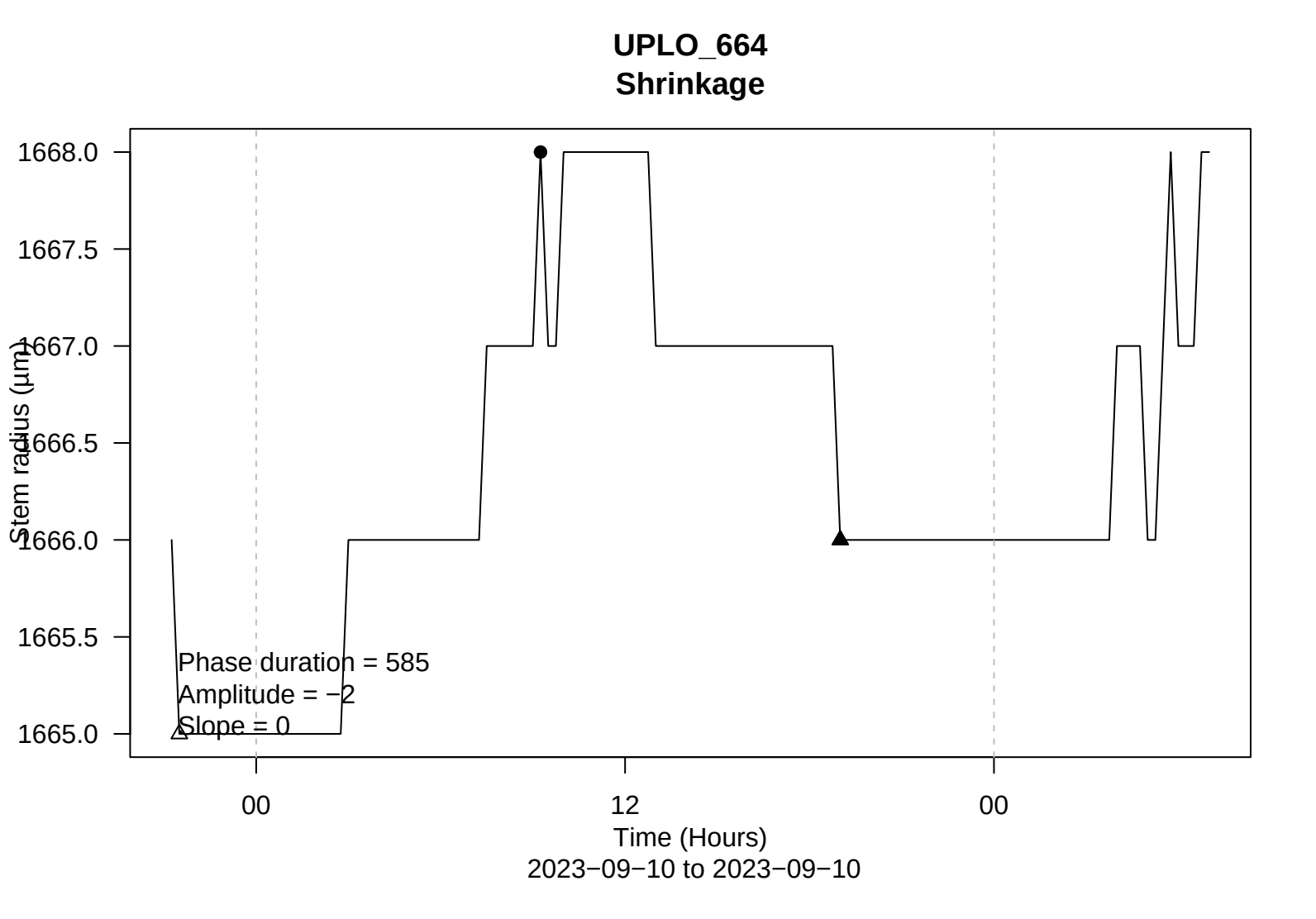

UPLO_664
Expansion
1667
1666
1665
1664
1663
Stem radius (µm)
Phase duration = 555
Amplitude = 4
Slope = 1e−04
12
00
12
Time (Hours)
2023−09−07 to 2023−09−08

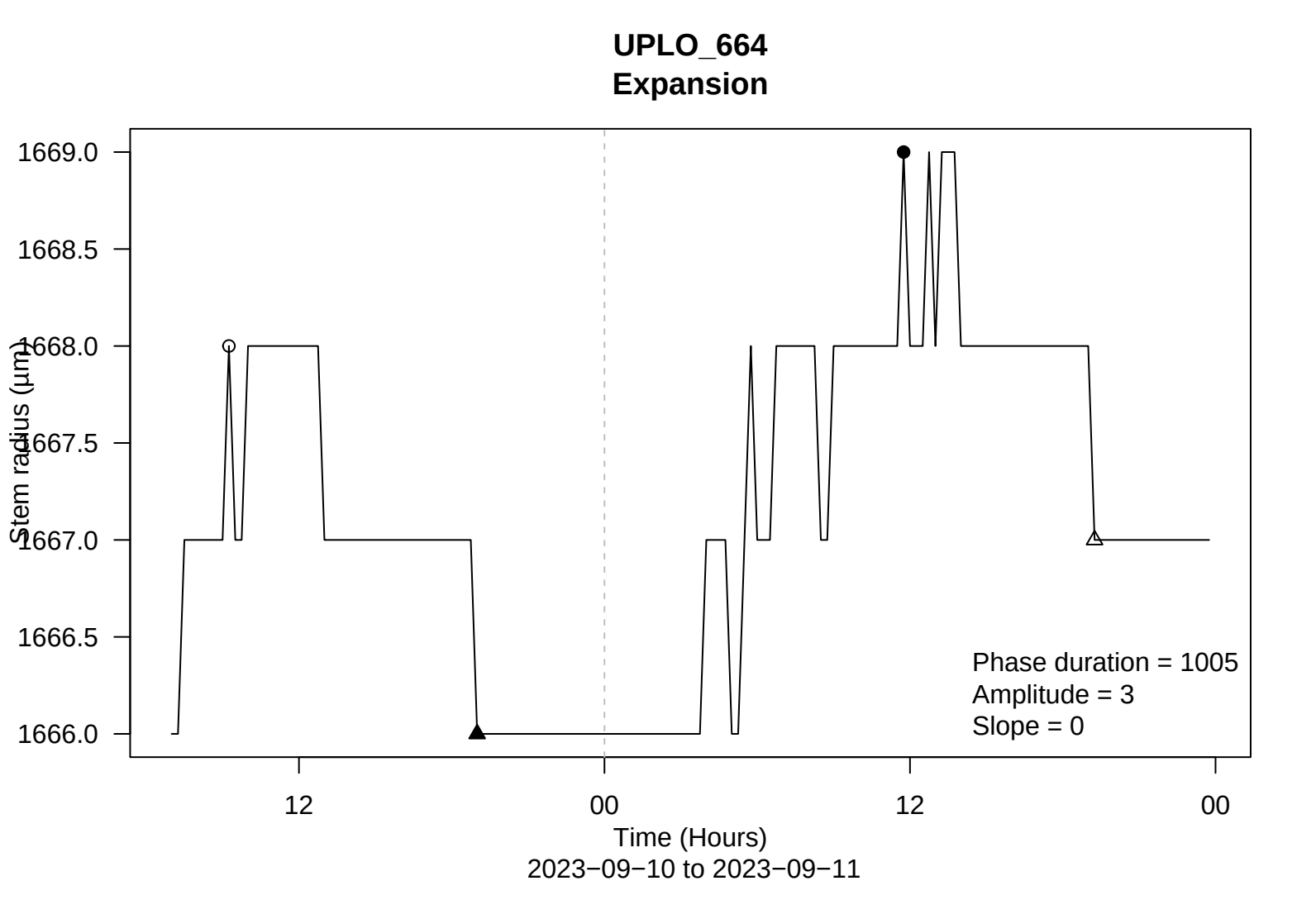

UPLO_664
Shrinkage
1668
1667
1666
1665
1664
1663
Stem radius (µm)
Phase duration = 945
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−09−08 to 2023−09−08

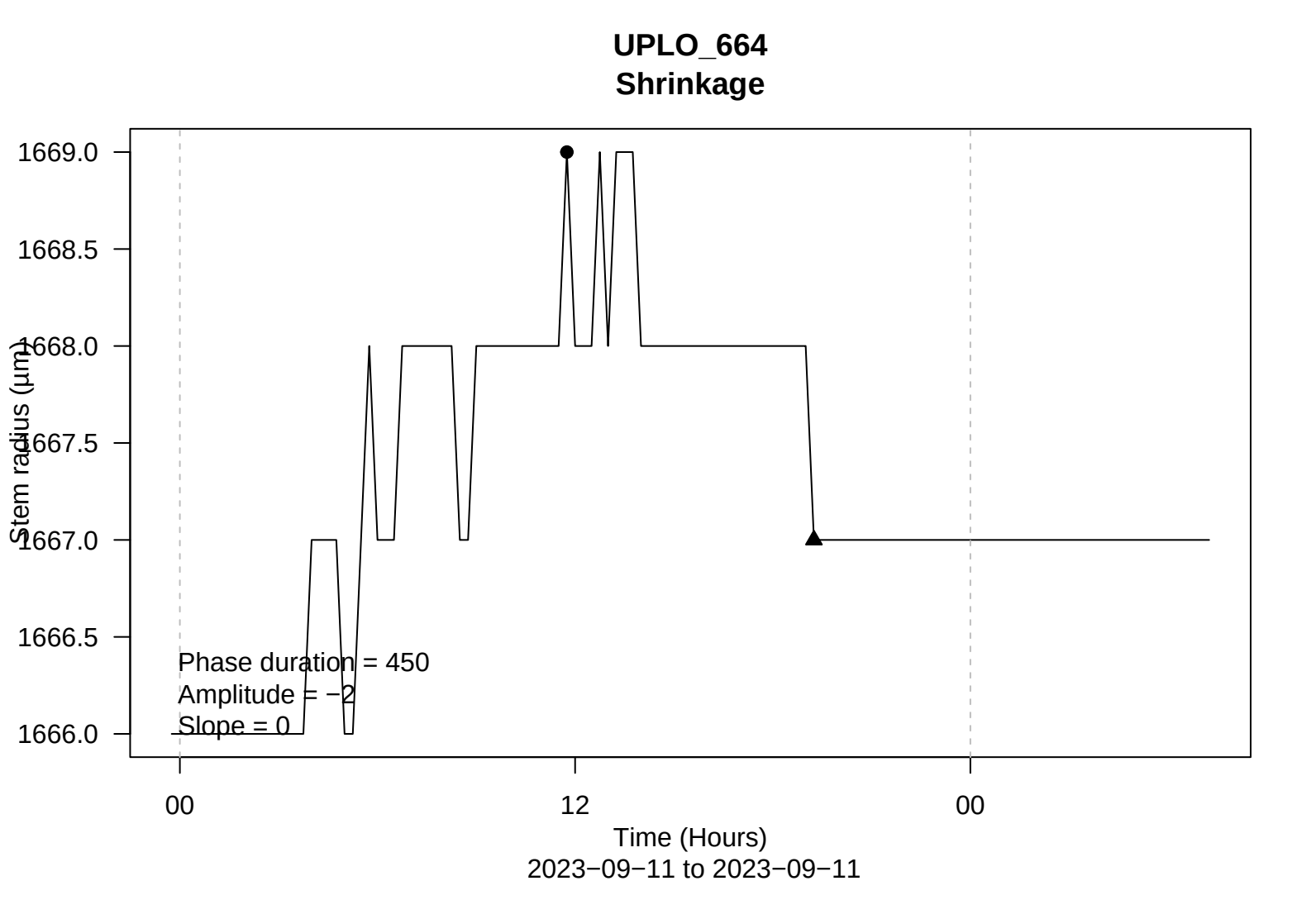

UPLO_664
Expansion
1668.0
1667.5
1667.0
1666.5
1666.0
1665.5
1665.0
Stem radius (µm)
Phase duration = 630
Amplitude = 3
Slope = 1e−04
12
00
12
Time (Hours)
2023−09−08 to 2023−09−09

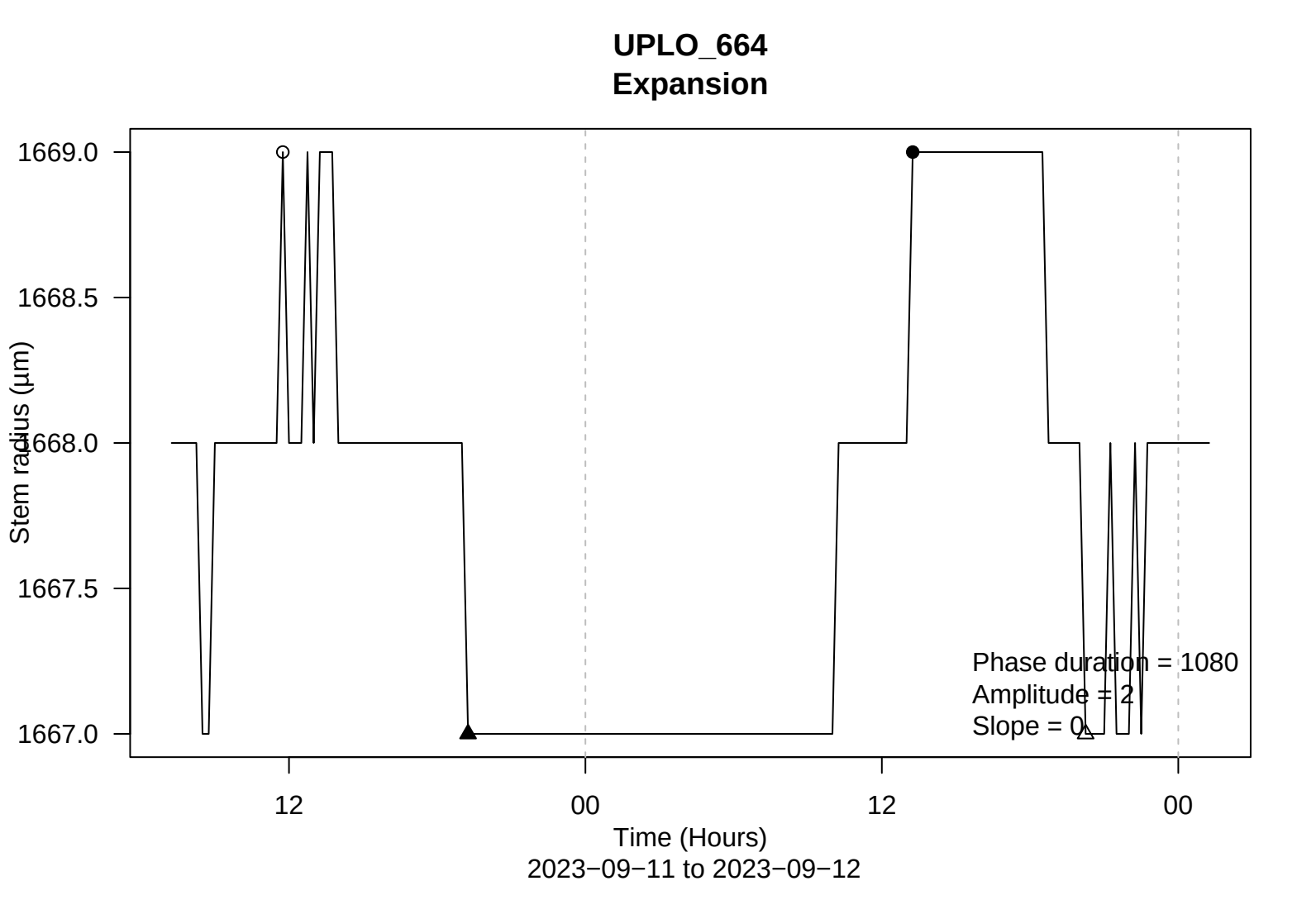

UPLO_664
Shrinkage
1668.0
1667.5
1667.0
1666.5
1666.0
1665.5
1665.0
Stem radius (µm)
Phase duration = 855
Amplitude = −3
Slope = 0
00
12
00
Time (Hours)
2023−09−09 to 2023−09−09

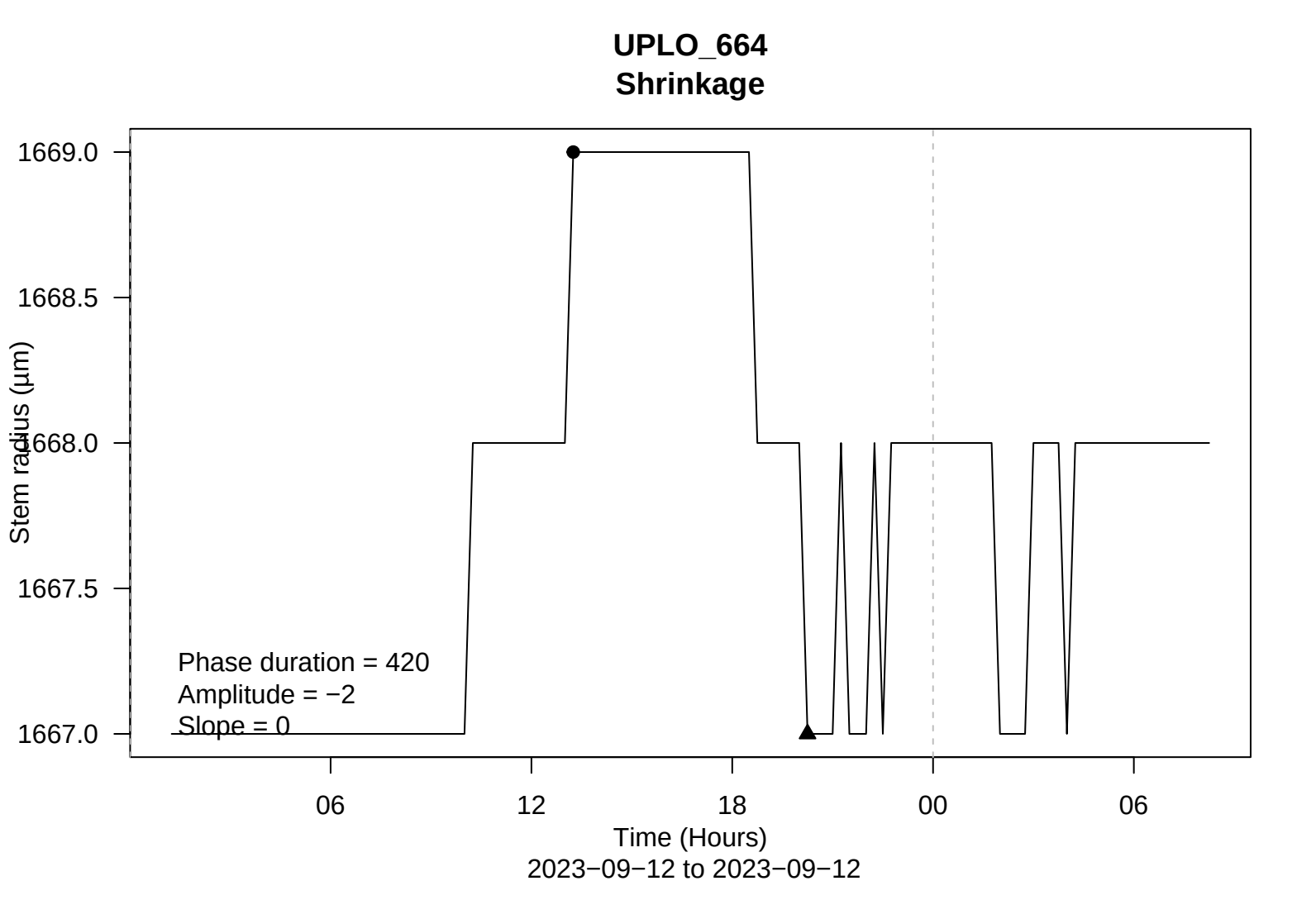

UPLO_664
Expansion
1668.0
1667.5
1667.0
1666.5
1666.0
1665.5
1665.0
Stem radius (µm)
Phase duration = 705
Amplitude = 3
Slope = 1e−04
12
00
12
Time (Hours)
2023−09−09 to 2023−09−10

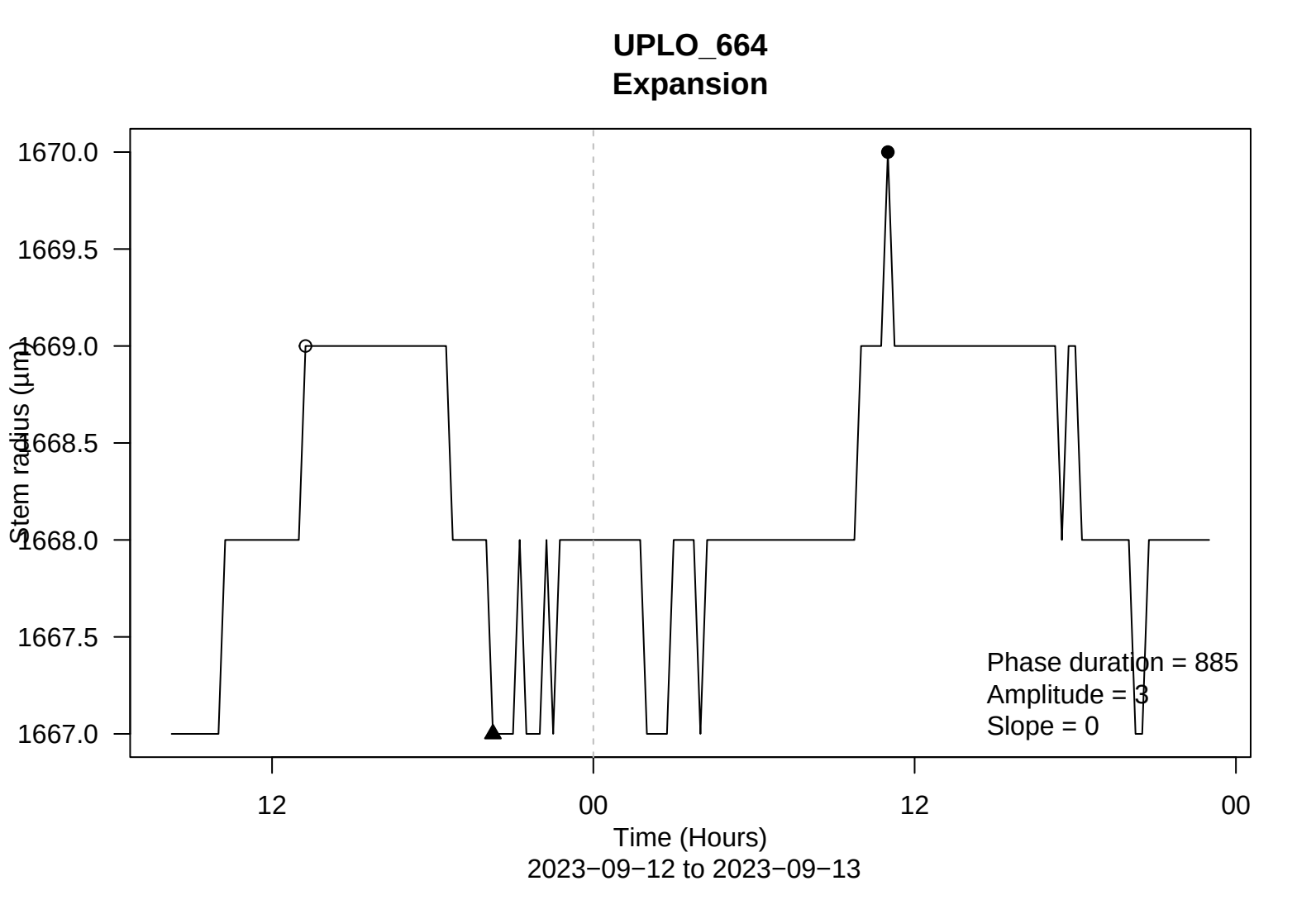

UPLO_664
Shrinkage
1668.0
1667.5
1667.0
1666.5
1666.0
1665.5
1665.0
Stem radius (µm)
Phase duration = 585
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−09−10 to 2023−09−10

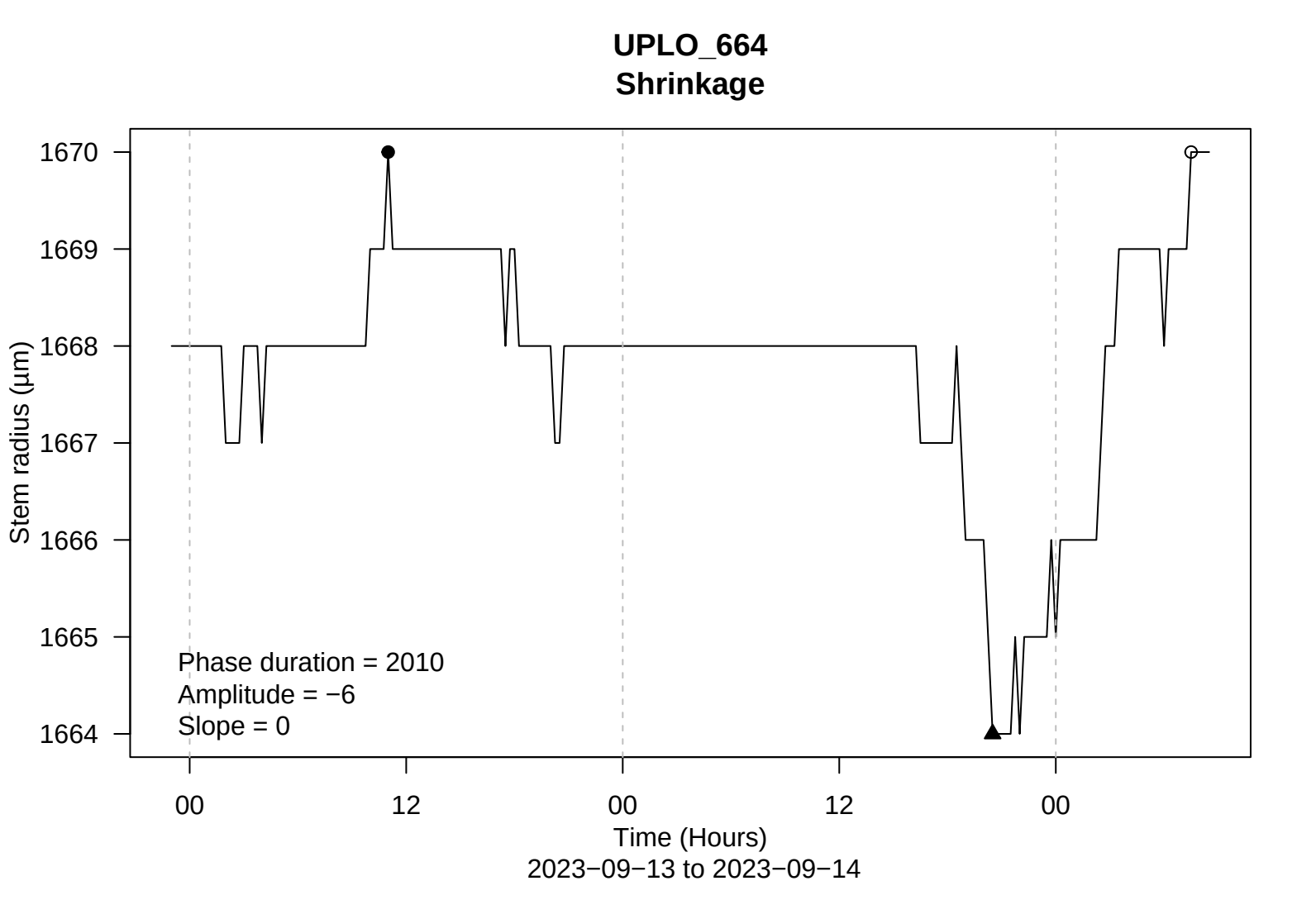

UPLO_664
Expansion
1669.0
1668.5
1668.0
1667.5
1667.0
1666.5
1666.0
Stem radius (µm)
Phase duration = 1005
Amplitude = 3
Slope = 0
12
00
12
00
Time (Hours)
2023−09−10 to 2023−09−11

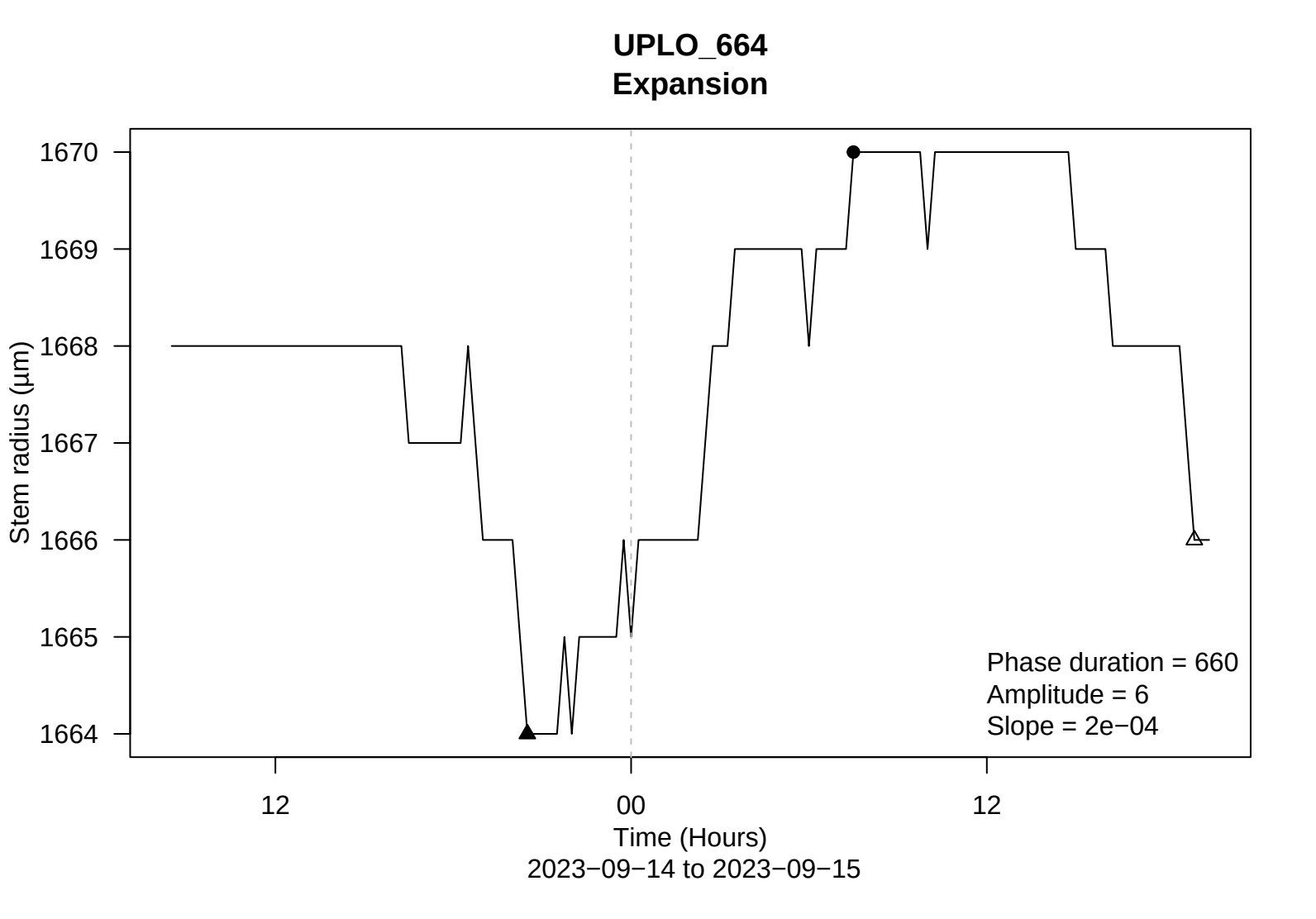

UPLO_664
Shrinkage
1669.0
1668.5
1668.0
1667.5
1667.0
1666.5
1666.0
Stem radius (µm)
Phase duration = 450
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−09−11 to 2023−09−11

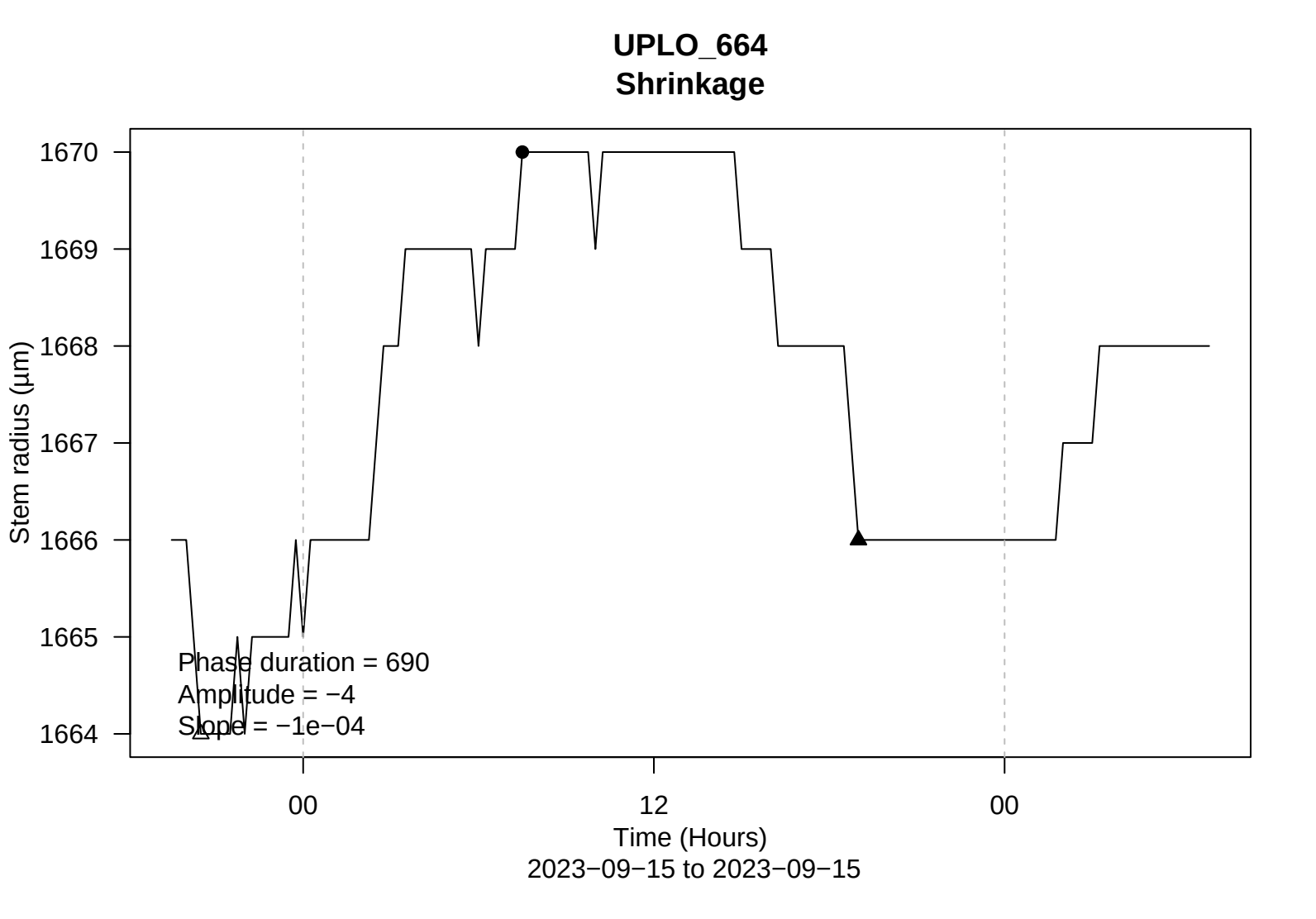

UPLO_664
Expansion
1669.0
1668.5
1668.0
1667.5
1667.0
Stem radius (µm)
Phase duration = 1080
Amplitude = 2
Slope = 0
12
00
12
00
Time (Hours)
2023−09−11 to 2023−09−12

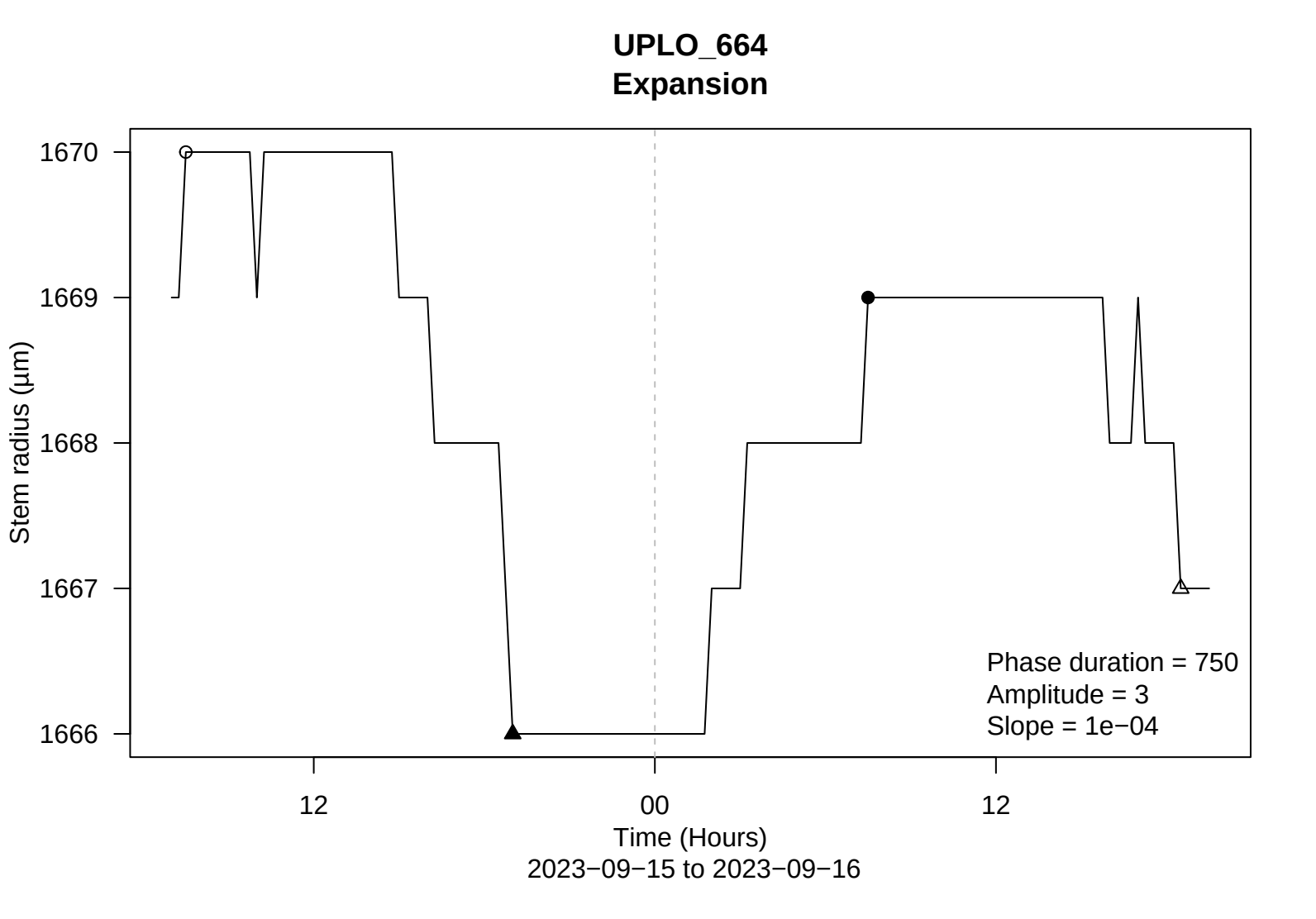

UPLO_664
Shrinkage
1669.0
1668.5
1668.0
1667.5
1667.0
Stem radius (µm)
Phase duration = 420
Amplitude = −2
Slope = 0
06
12
18
00
06
Time (Hours)
2023−09−12 to 2023−09−12

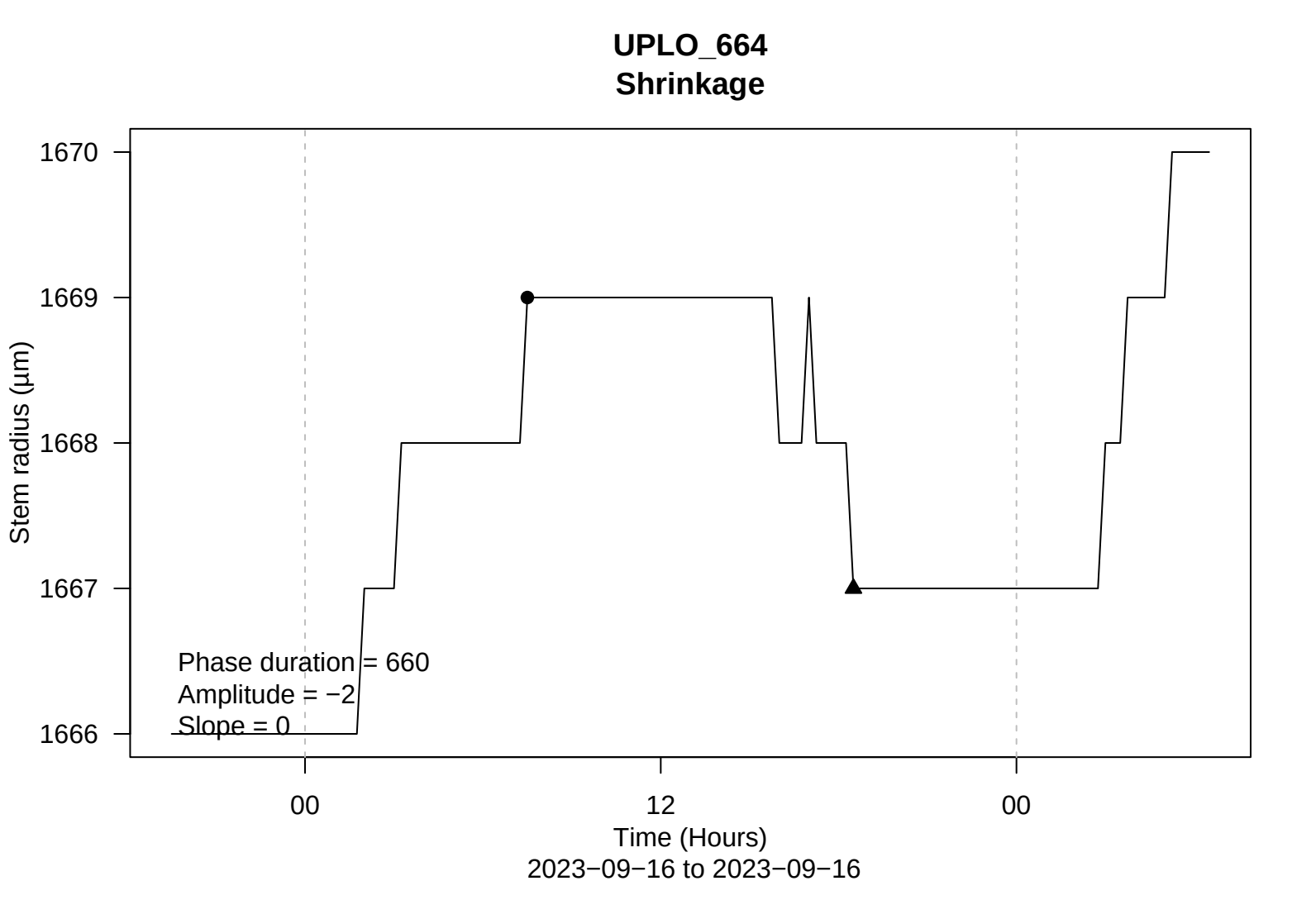

UPLO_664
Expansion
1670.0
1669.5
1669.0
1668.5
1668.0
1667.5
1667.0
Stem radius (µm)
Phase duration = 885
Amplitude = 3
Slope = 0
12
00
12
00
Time (Hours)
2023−09−12 to 2023−09−13

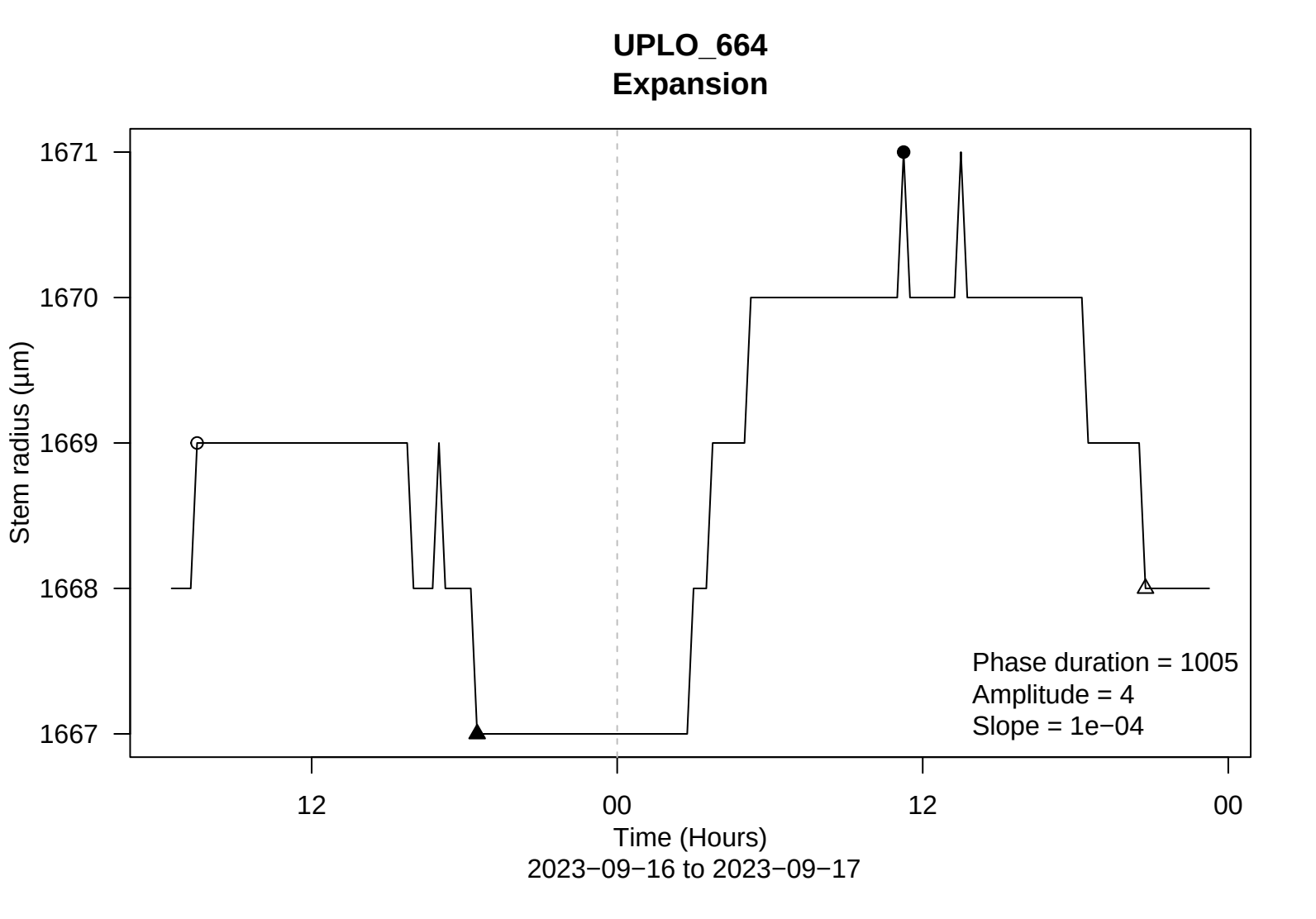

UPLO_664
Shrinkage
1670
1669
1668
1667
1666
1665
1664
Stem radius (µm)
Phase duration = 2010
Amplitude = −6
Slope = 0
00
12
00
12
00
Time (Hours)
2023−09−13 to 2023−09−14

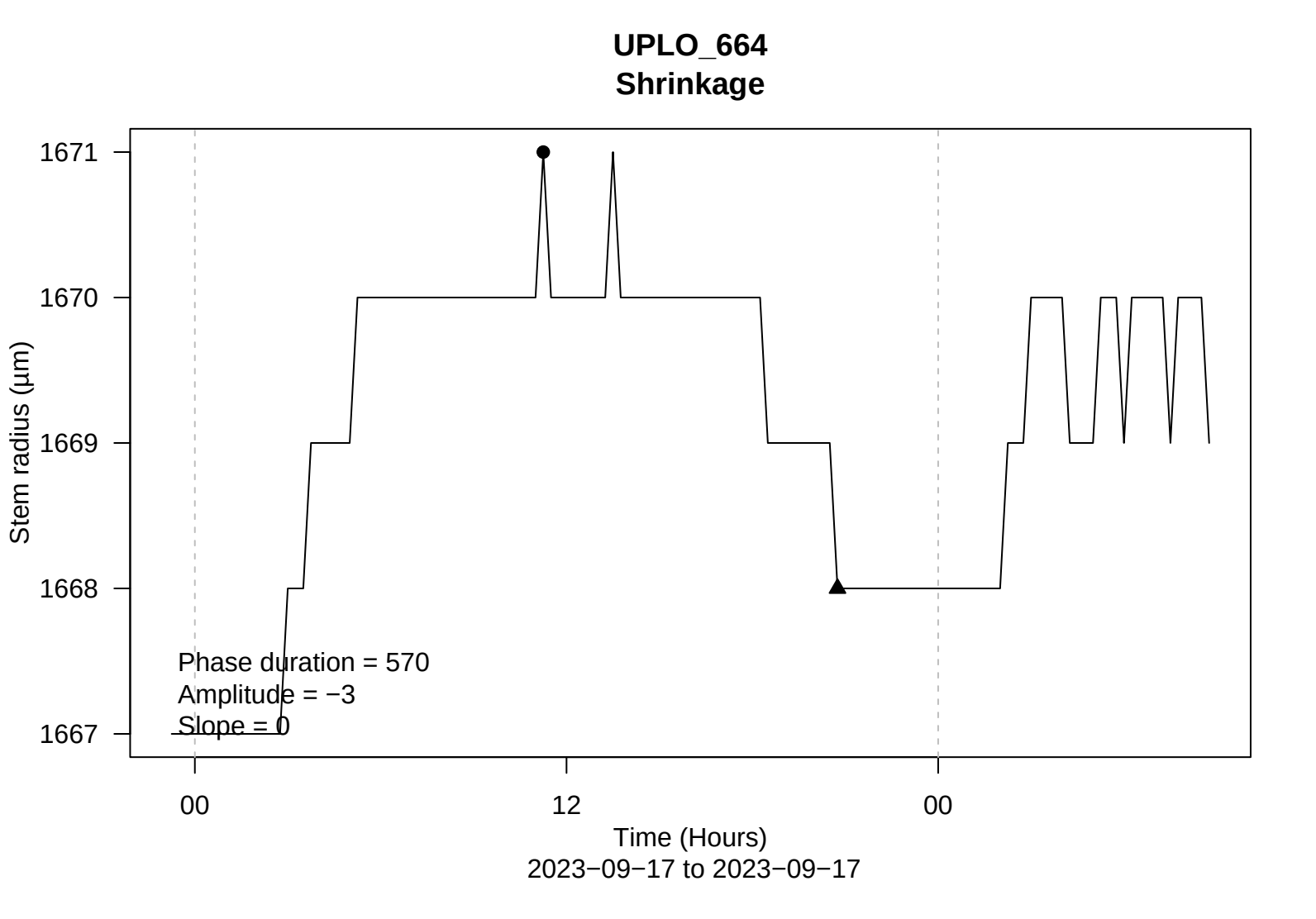

UPLO_664
Expansion
1670
1669
1668
1667
1666
1665
1664
Stem radius (µm)
12
00
12
Time (Hours)
2023−09−14 to 2023−09−15
Phase duration = 660
Amplitude = 6
Slope = 2e−04

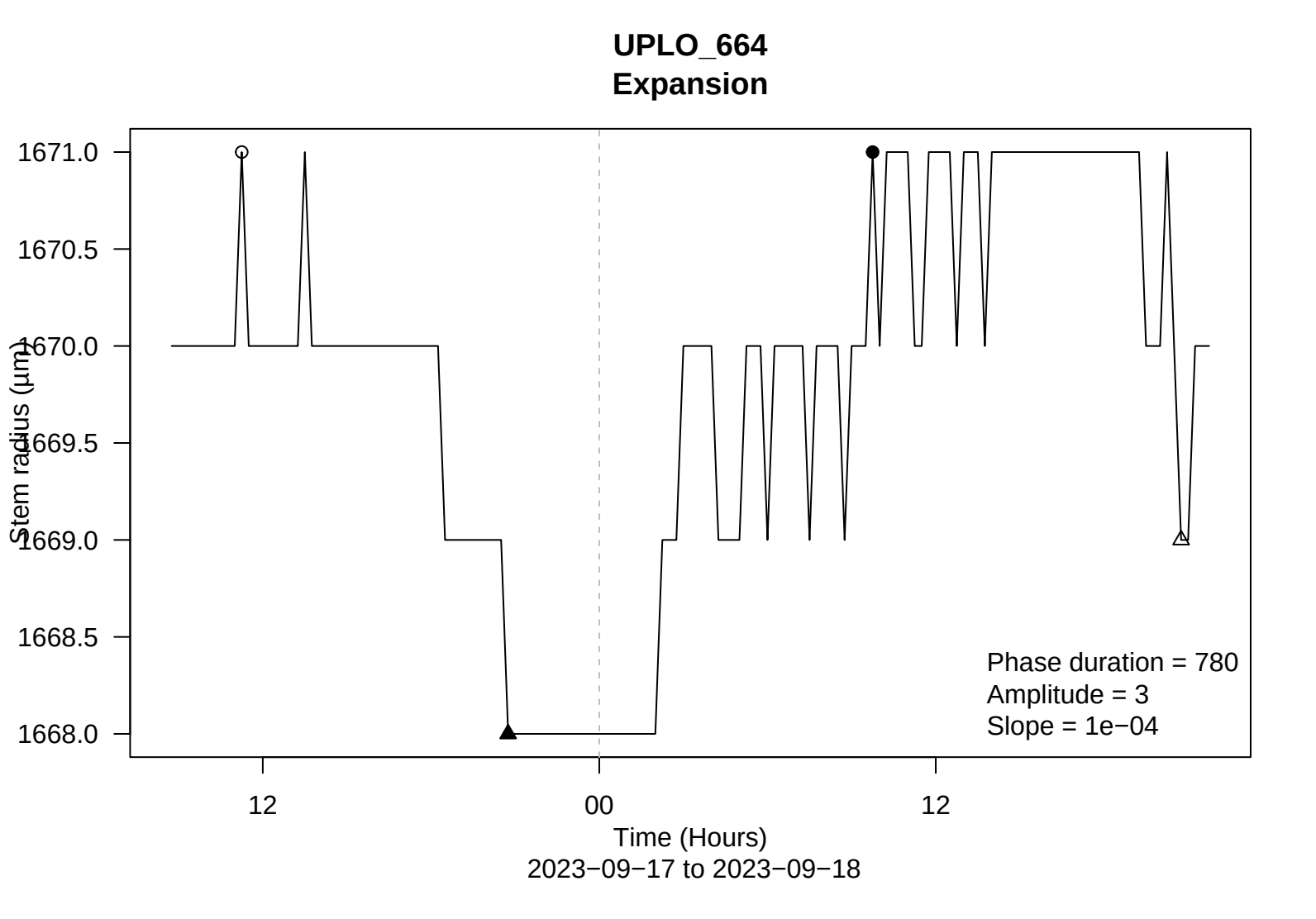

UPLO_664
Shrinkage
1670
1669
1668
1667
1666
1665
1664
Stem radius (µm)
Phase duration = 690
Amplitude = −4
Slope = −1e−04
00
12
00
Time (Hours)
2023−09−15 to 2023−09−15

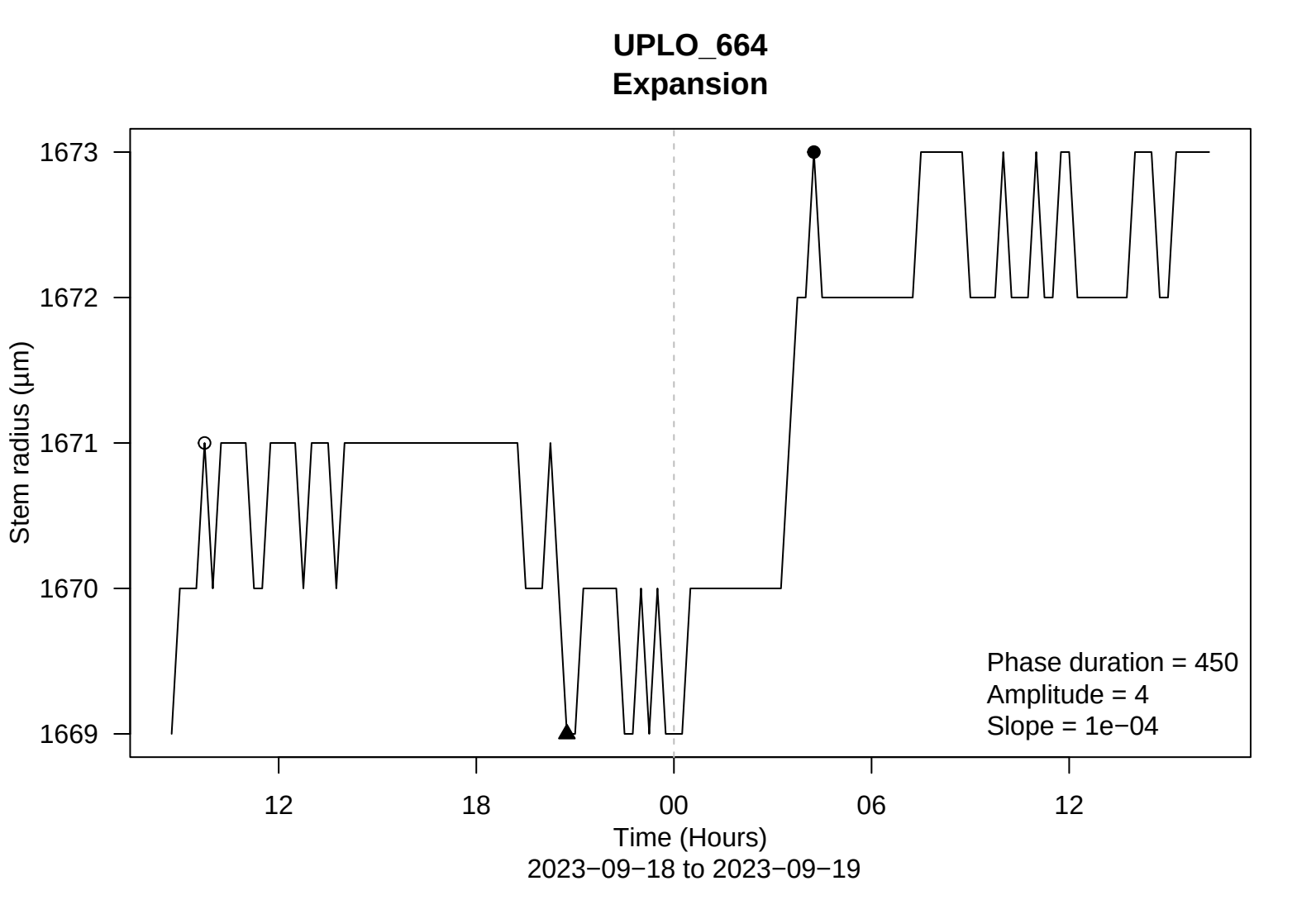

UPLO_664
Expansion
1670
1669
1668
1667
1666
Stem radius (µm)
12
00
12
Time (Hours)
2023−09−15 to 2023−09−16
Phase duration = 750
Amplitude = 3
Slope = 1e−04

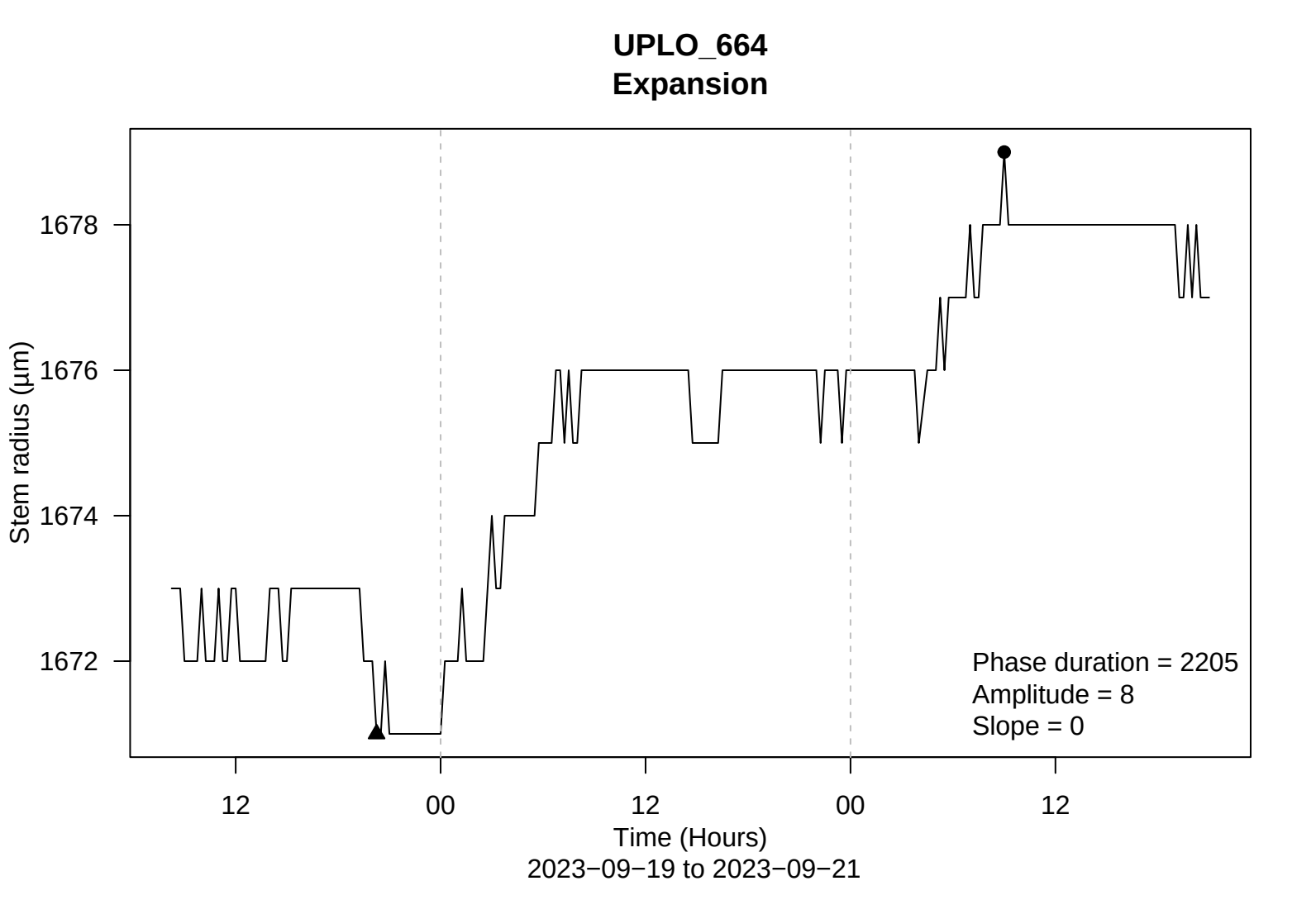

UPLO_664
Shrinkage
1670
1669
1668
1667
1666
Stem radius (µm)
Phase duration = 660
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−09−16 to 2023−09−16

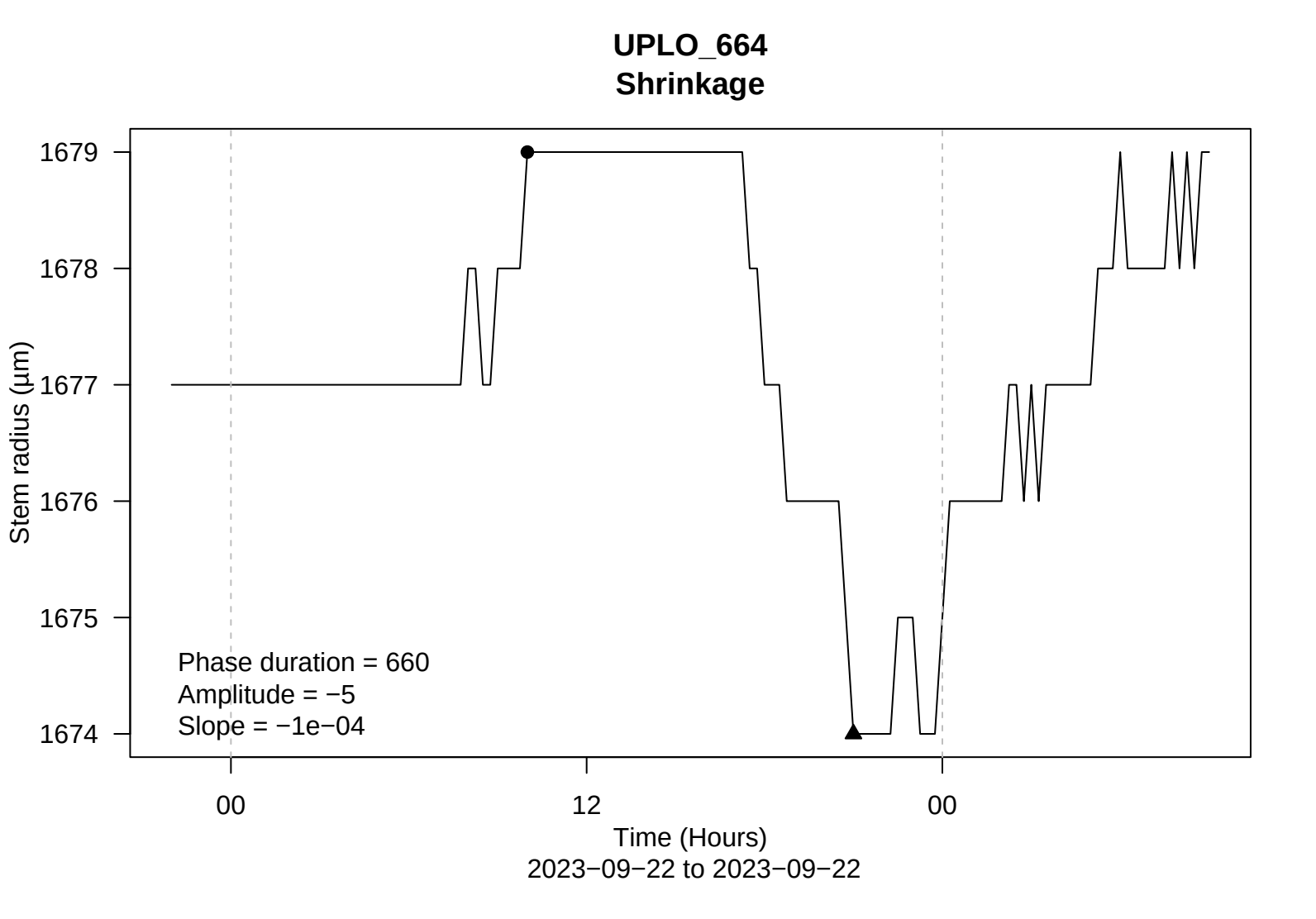

UPLO_664
Expansion
1671
1670
1669
1668
1667
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−09−16 to 2023−09−17
Phase duration = 1005
Amplitude = 4
Slope = 1e−04

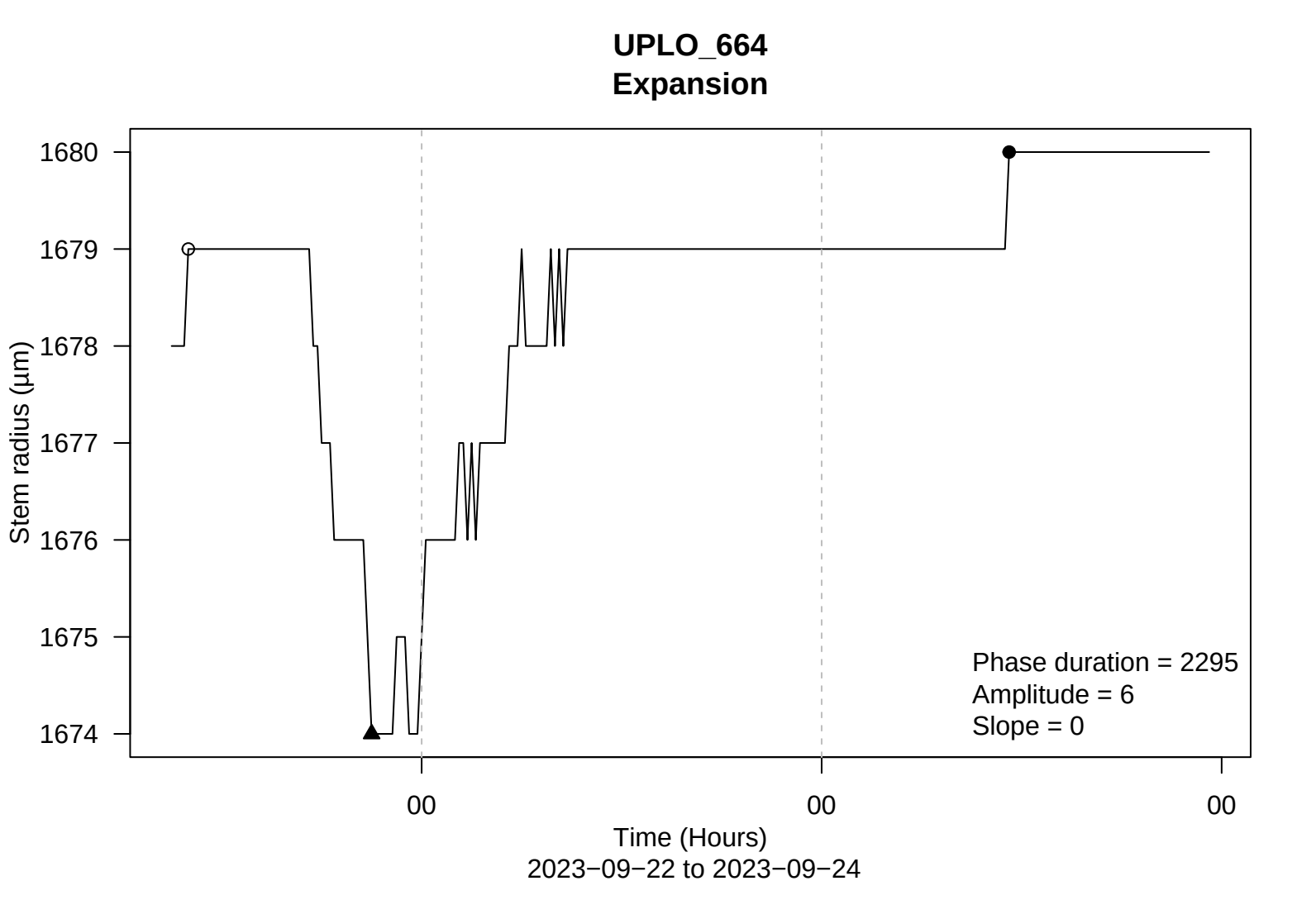

UPLO_664
Shrinkage
1671
1670
1669
1668
1667
Stem radius (µm)
Phase duration = 570
Amplitude = −3
Slope = 0
00
12
00
Time (Hours)
2023−09−17 to 2023−09−17

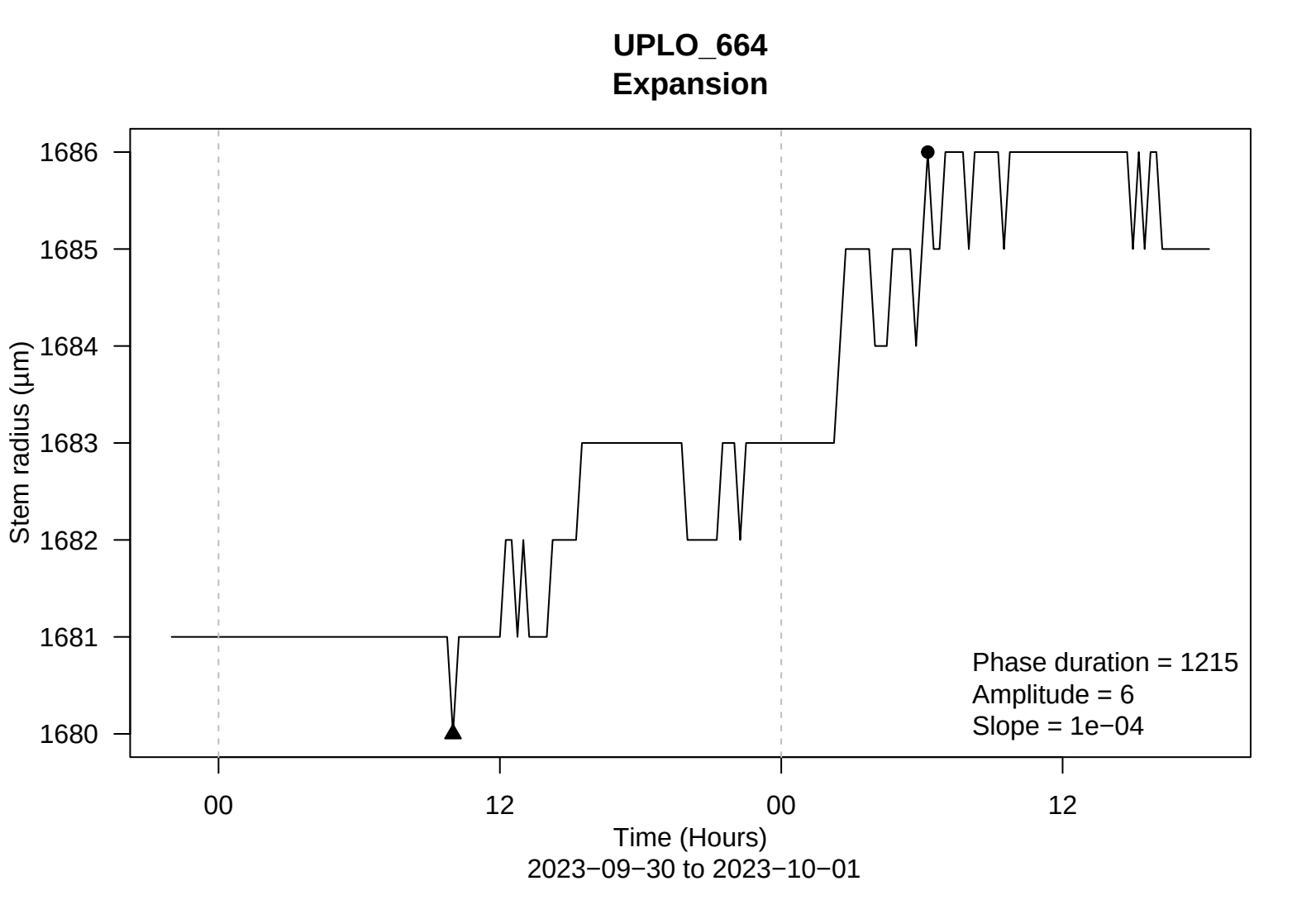

UPLO_664
Expansion
1671.0
1670.5
1670.0
1669.5
1669.0
1668.5
1668.0
Stem radius (µm)
Phase duration = 780
Amplitude = 3
Slope = 1e−04
12
00
12
Time (Hours)
2023−09−17 to 2023−09−18

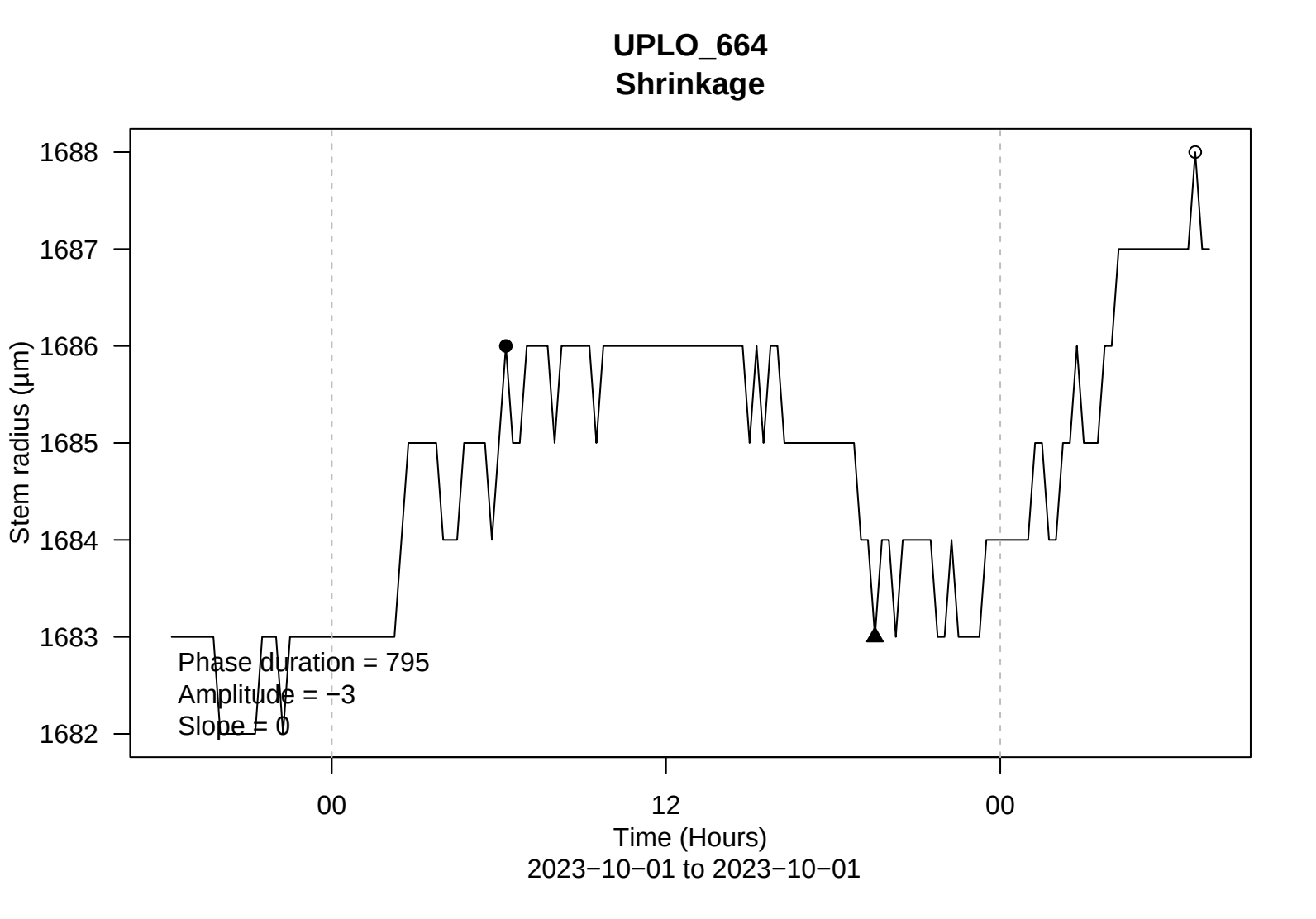

UPLO_664
Expansion
1673
1672
1671
1670
1669
Stem radius (µm)
12
18
00
06
12
Time (Hours)
2023−09−18 to 2023−09−19
Phase duration = 450
Amplitude = 4
Slope = 1e−04

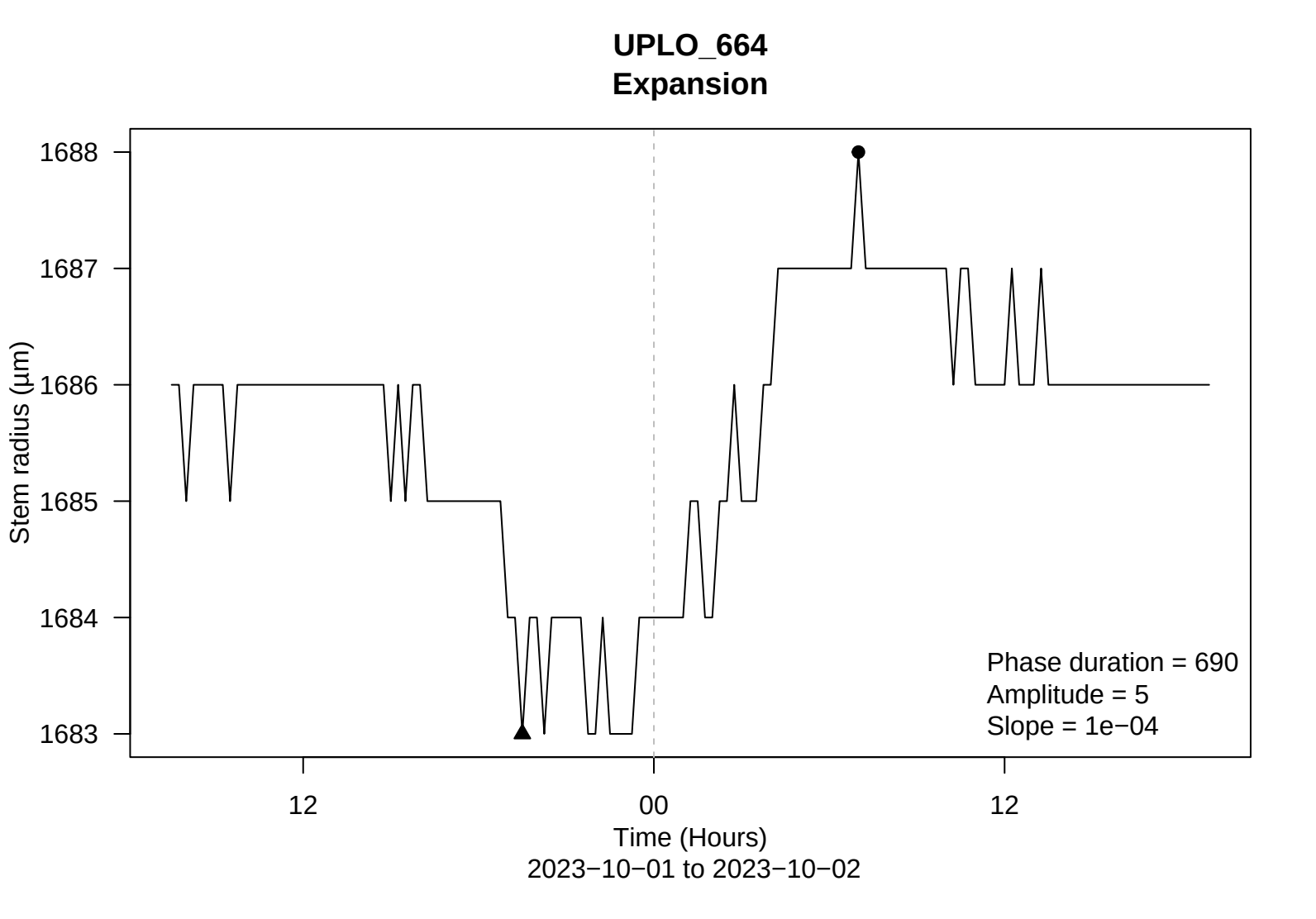

UPLO_664
Expansion
Stem radius (µm)
1678
1676
1674
1672
Phase duration = 2205
Amplitude = 8
Slope = 0
12
00
12
00
12
Time (Hours)
2023−09−19 to 2023−09−21

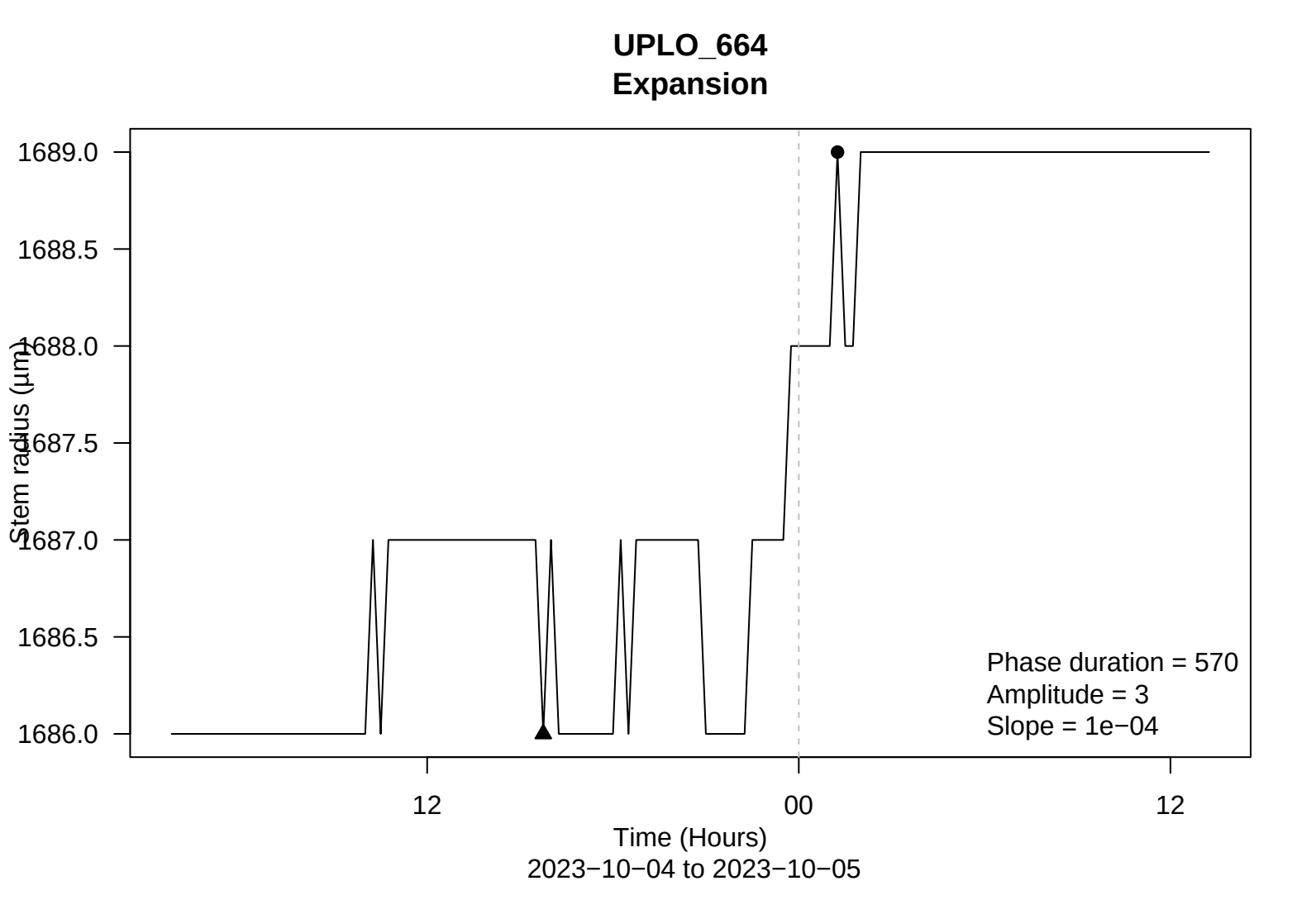

UPLO_664
Shrinkage
1679
1678
1677
1676
1675
1674
Stem radius (µm)
Phase duration = 660
Amplitude = −5
Slope = −1e−04
00
12
00
Time (Hours)
2023−09−22 to 2023−09−22

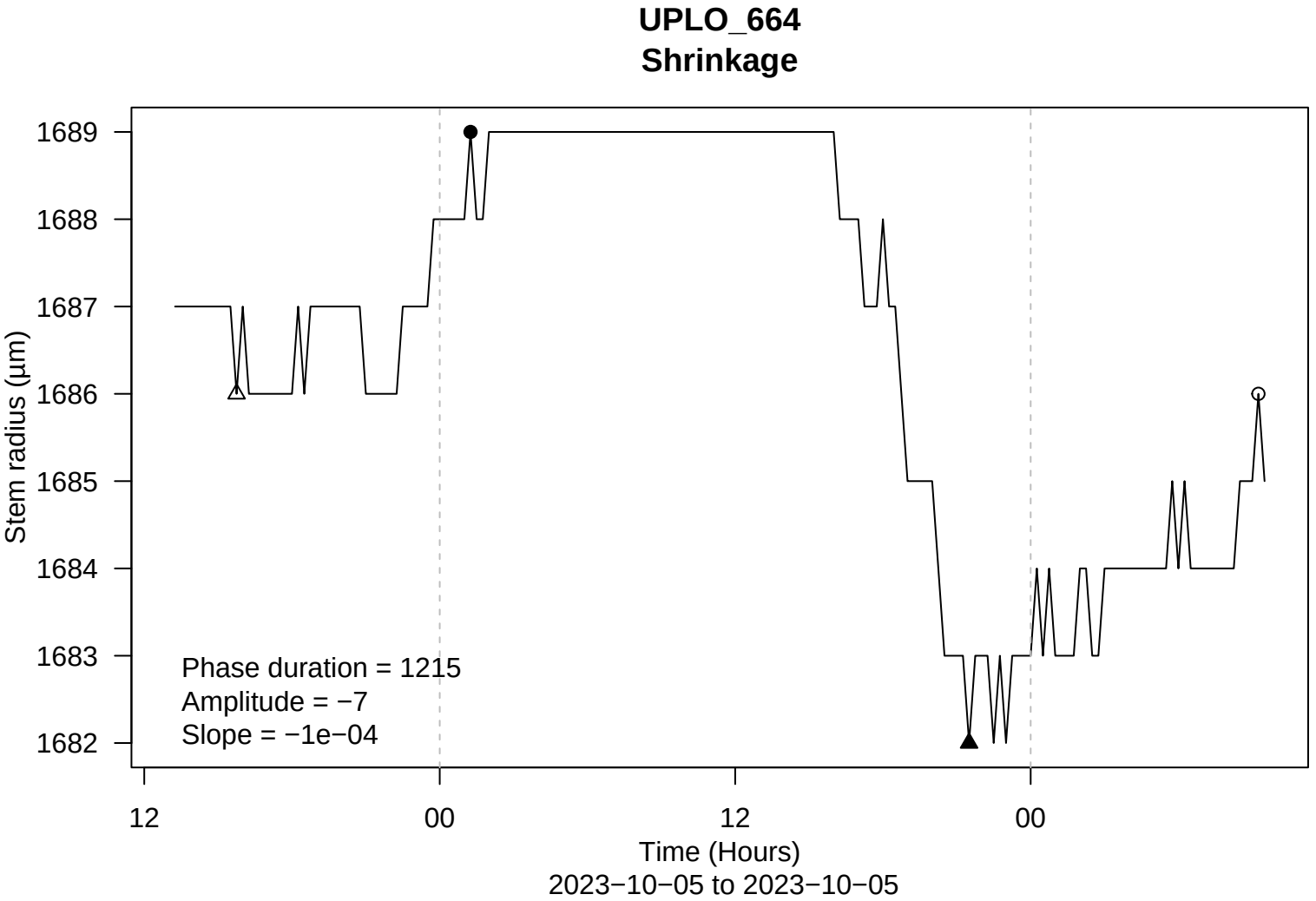

UPLO_664
Expansion
1680
1679
1678
1677
1676
1675
1674
Stem radius (µm)
00
00
00
Time (Hours)
2023−09−22 to 2023−09−24
Phase duration = 2295
Amplitude = 6
Slope = 0

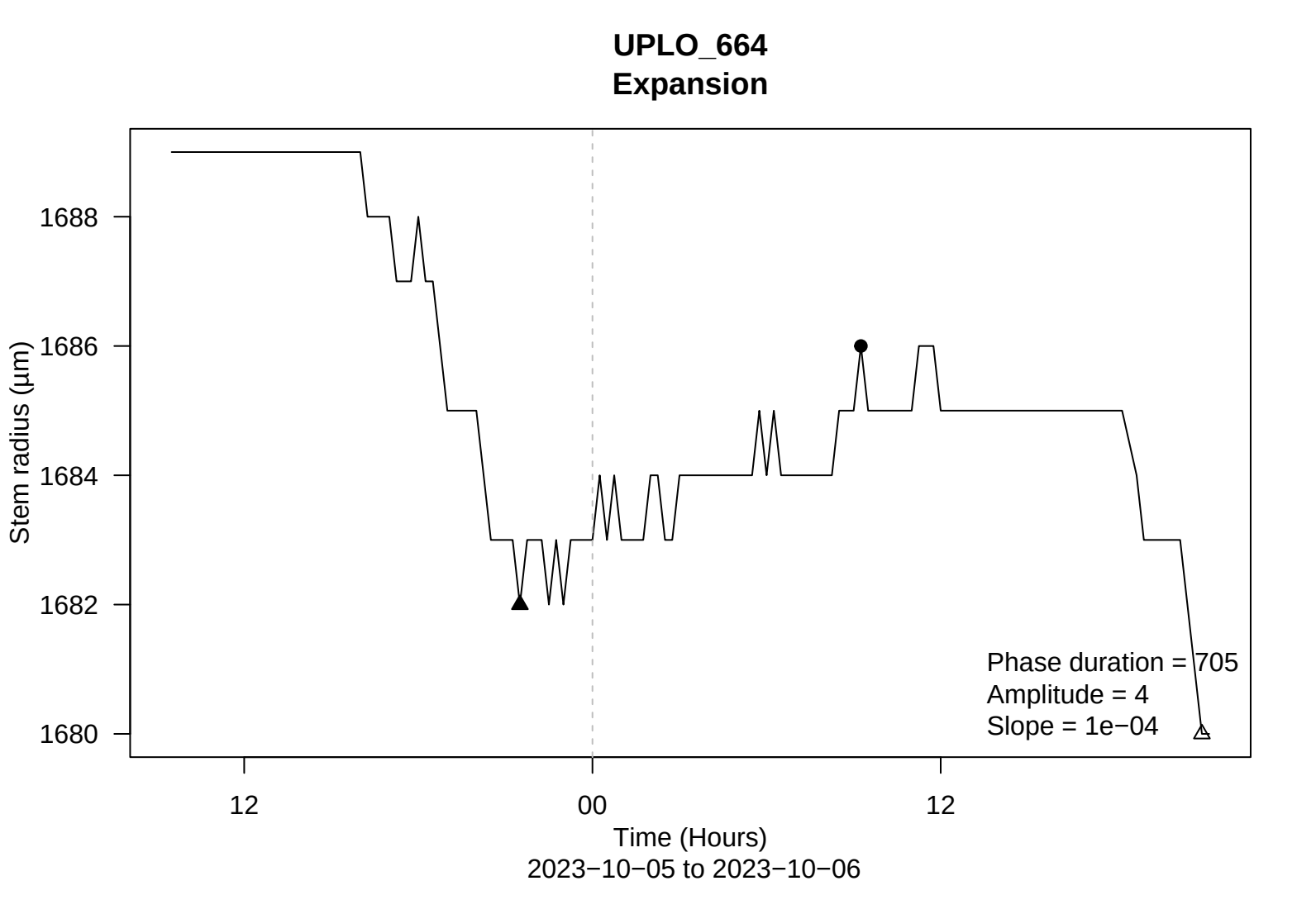

UPLO_664
Expansion
1686
1685
1684
1683
1682
1681
1680
Stem radius (µm)
Phase duration = 1215
Amplitude = 6
Slope = 1e−04
00
12
00
12
Time (Hours)
2023−09−30 to 2023−10−01

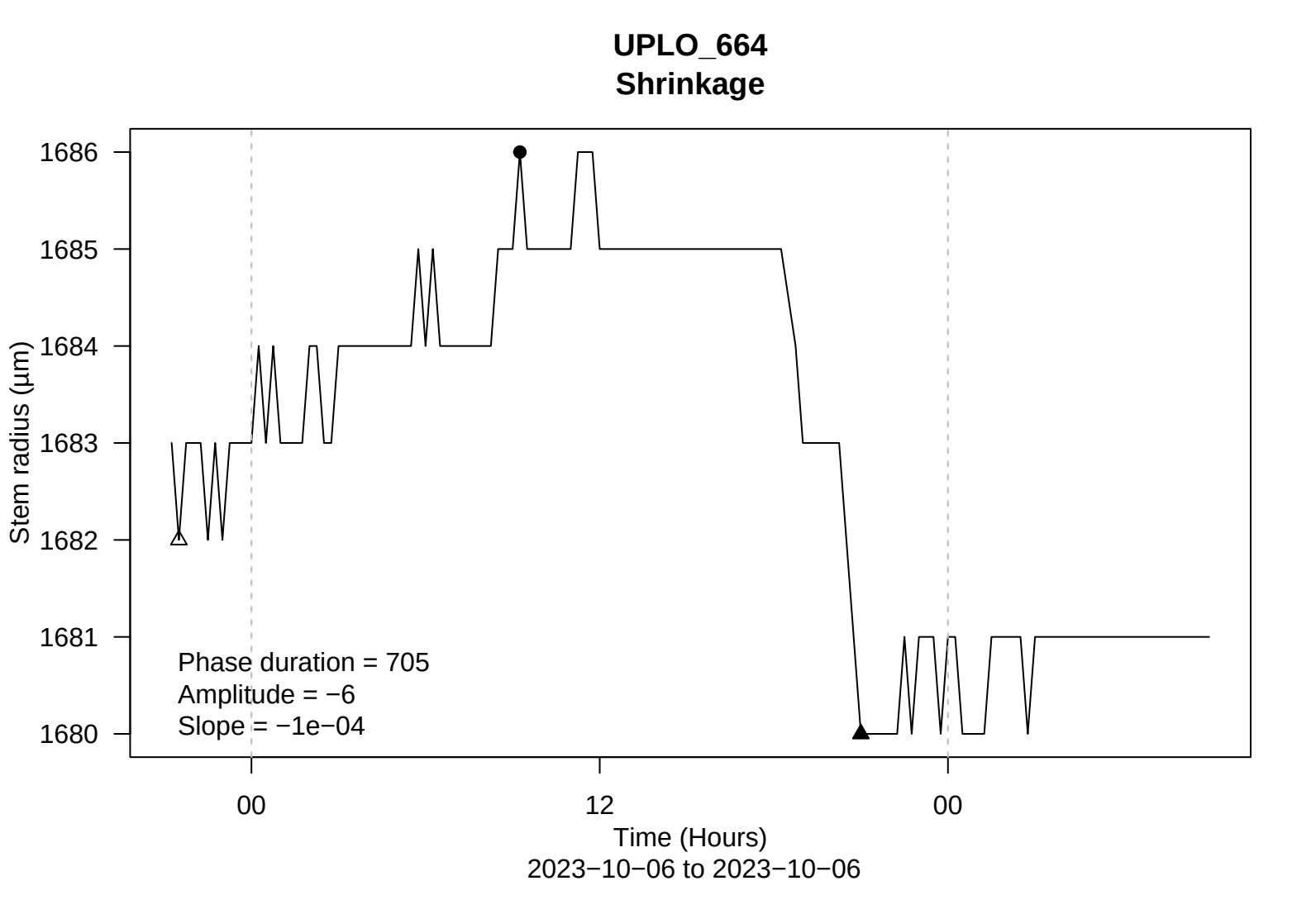

UPLO_664
Shrinkage
Stem radius (µm)
1688
1687
1686
1685
1684
1683
1682
Phase duration = 795
Amplitude = −3
Slope = 0
00
12
00
Time (Hours)
2023−10−01 to 2023−10−01

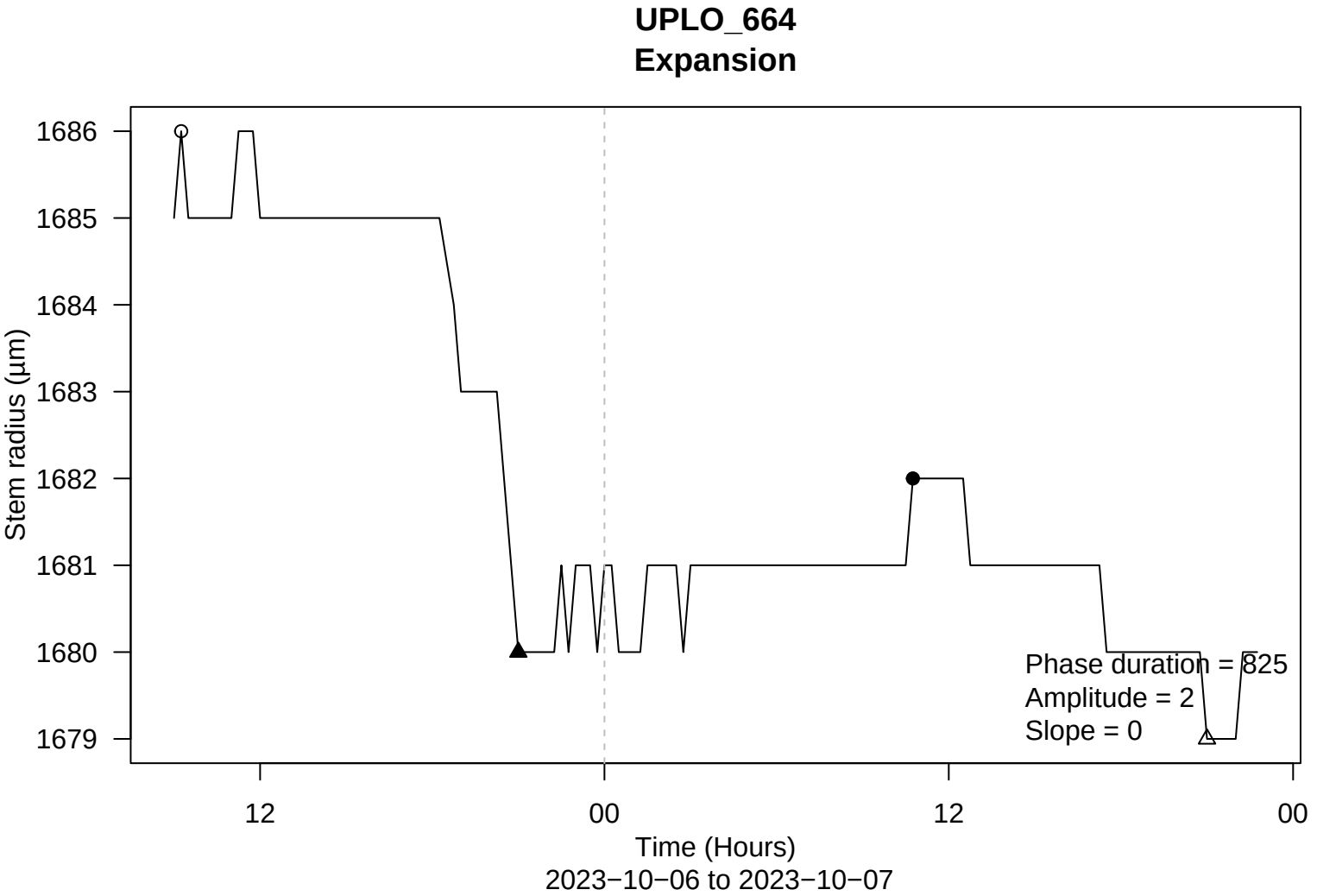

UPLO_664
Expansion
1688
1687
1686
1685
1684
1683
Stem radius (µm)
Phase duration = 690
Amplitude = 5
Slope = 1e−04
12
00
12
Time (Hours)
2023−10−01 to 2023−10−02

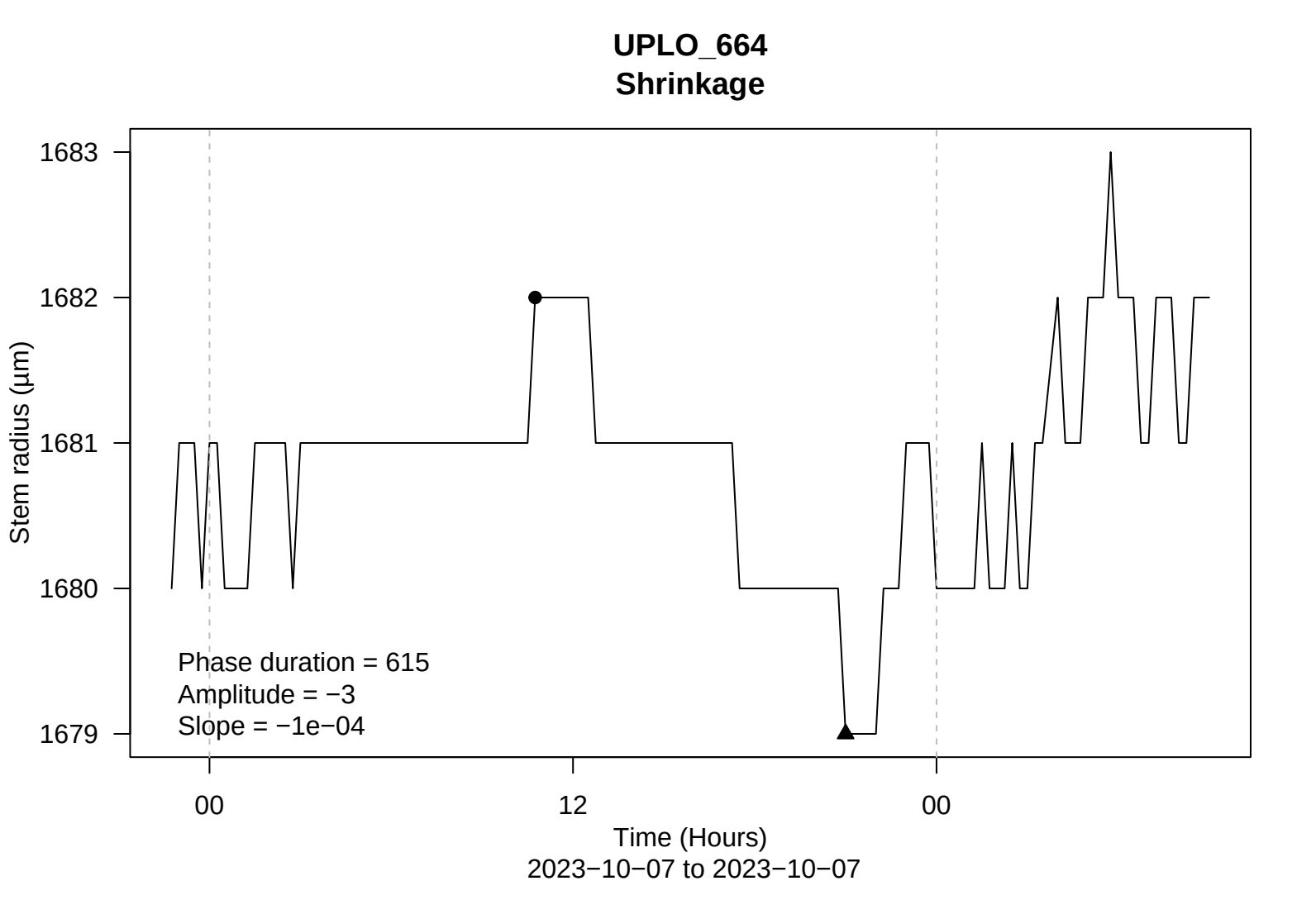

UPLO_664
Expansion
1689.0
1688.5
1688.0
1687.5
1687.0
1686.5
1686.0
Stem radius (µm)
Phase duration = 570
Amplitude = 3
Slope = 1e−04
12
00
12
Time (Hours)
2023−10−04 to 2023−10−05

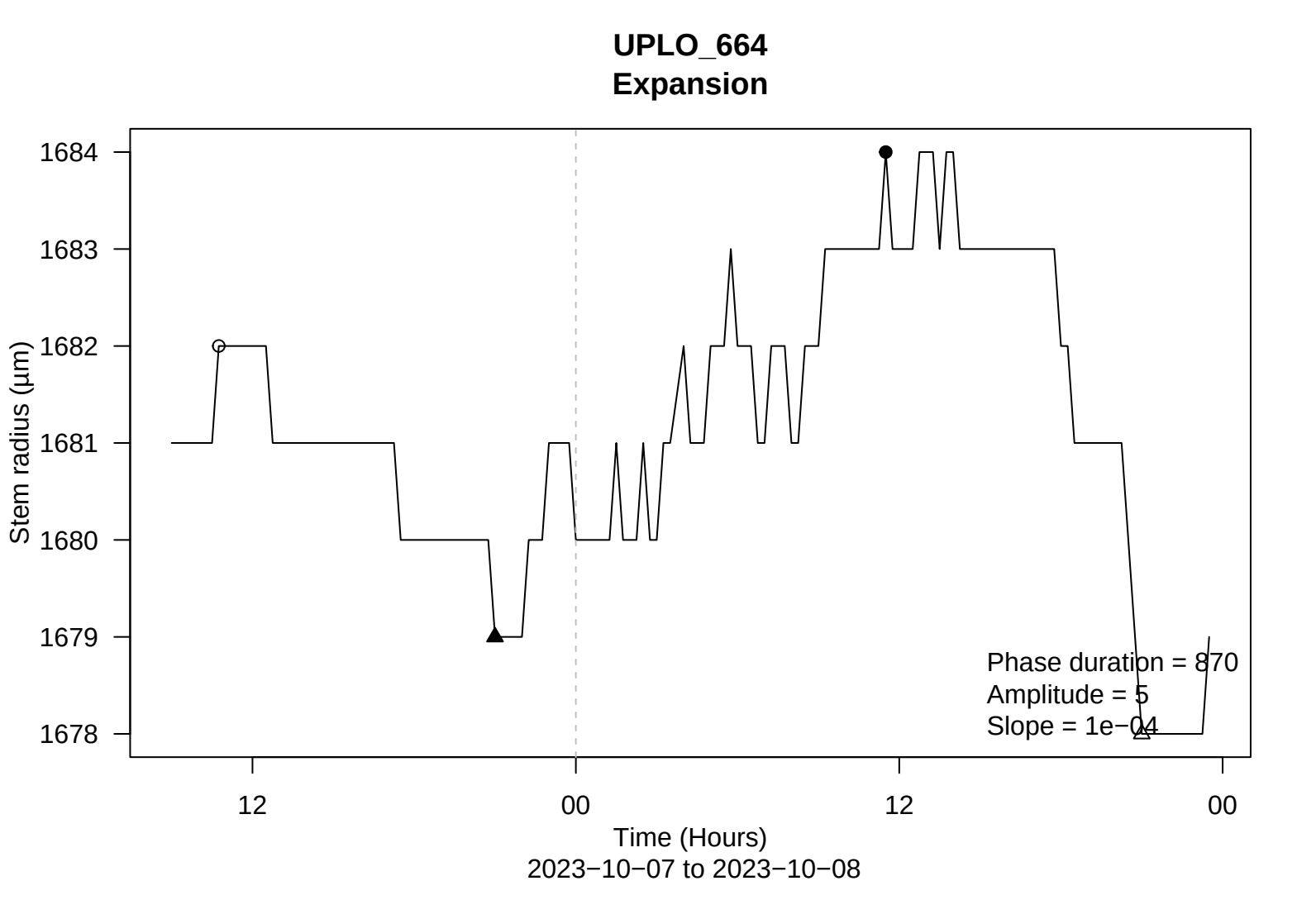

UPLO_664
Shrinkage
Stem radius (µm)
1689
1688
1687
1686
1685
1684
1683
1682
Phase duration = 1215
Amplitude = −7
Slope = −1e−04
12
00
12
00
Time (Hours)
2023−10−05 to 2023−10−05

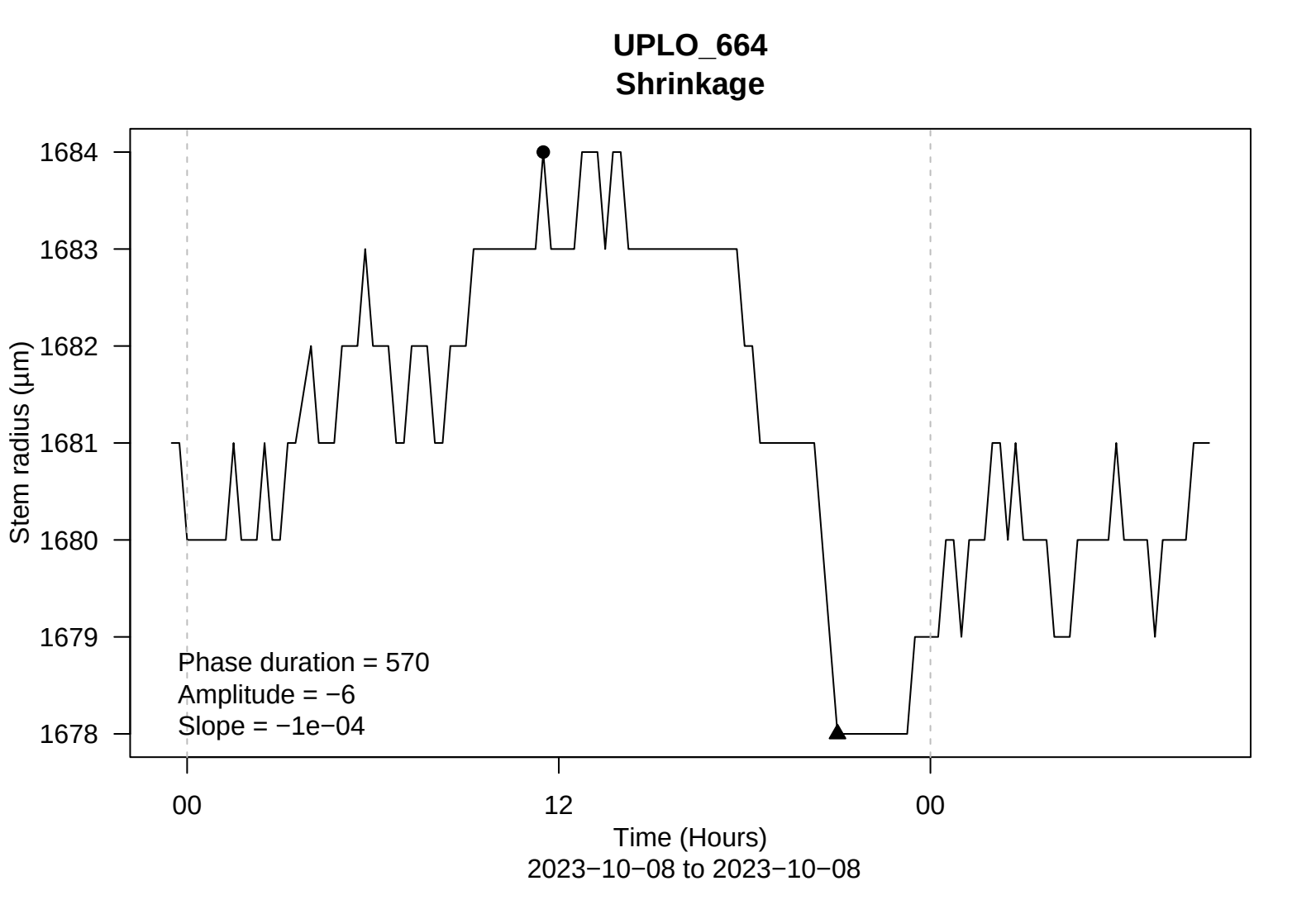

UPLO_664
Expansion
Stem radius (µm)
1688
1686
1684
1682
1680
12
00
12
Time (Hours)
2023−10−05 to 2023−10−06
Phase duration = 705
Amplitude = 4
Slope = 1e−04

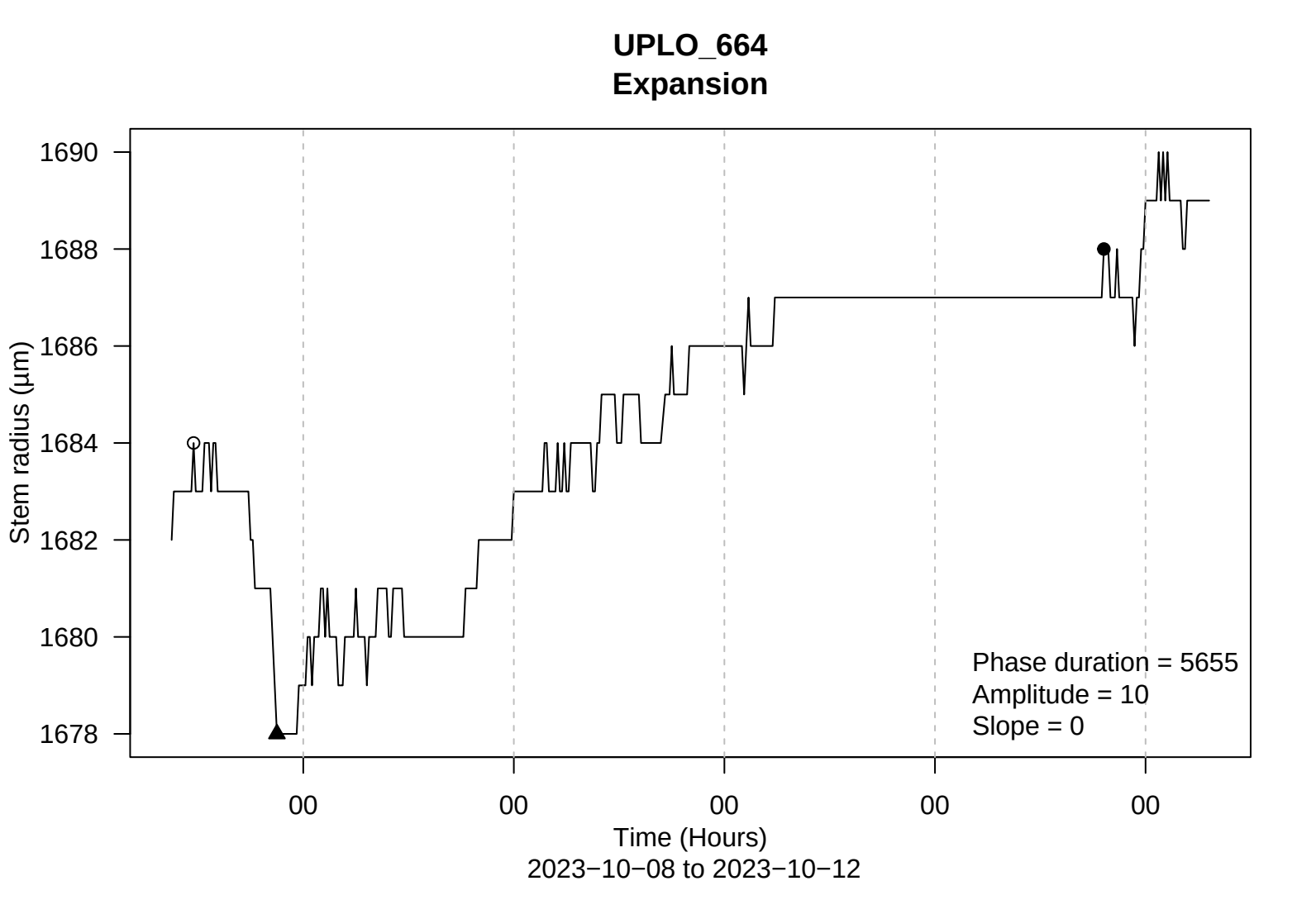

UPLO_664
Shrinkage
1686
1685
1684
1683
1682
1681
1680
Stem radius (µm)
Phase duration = 705
Amplitude = −6
Slope = −1e−04
00
12
00
Time (Hours)
2023−10−06 to 2023−10−06


UPLO_664
Expansion
1686
1685
1684
1683
1682
1681
1680
1679
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−10−06 to 2023−10−07
Phase duration = 825
Amplitude = 2
Slope = 0


UPLO_664
Shrinkage
1683
1682
1681
1680
1679
Stem radius (µm)
Phase duration = 615
Amplitude = −3
Slope = −1e−04
00
12
00
Time (Hours)
2023−10−07 to 2023−10−07


UPLO_664
Expansion
1684
1683
1682
1681
1680
1679
1678
Stem radius (µm)
Phase duration = 870
Amplitude = 5
Slope = 1e−04
12
00
12
00
Time (Hours)
2023−10−07 to 2023−10−08


UPLO_664
Shrinkage
1684
1683
1682
1681
1680
1679
1678
Stem radius (µm)
Phase duration = 570
Amplitude = −6
Slope = −1e−04
00
12
00
Time (Hours)
2023−10−08 to 2023−10−08


UPLO_664
Expansion
1690
1688
1686
1684
1682
1680
1678
Stem radius (µm)
00
00
00
00
00
Time (Hours)
2023−10−08 to 2023−10−12
Phase duration = 5655
Amplitude = 10
Slope = 0