Age after ZAMS: 0.000 Gyr; Number of combinations 42315; profile1
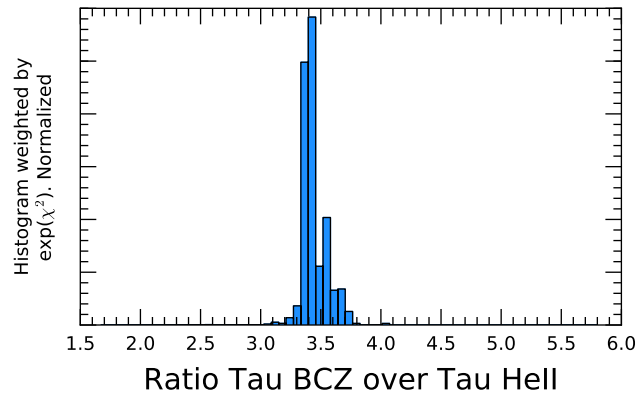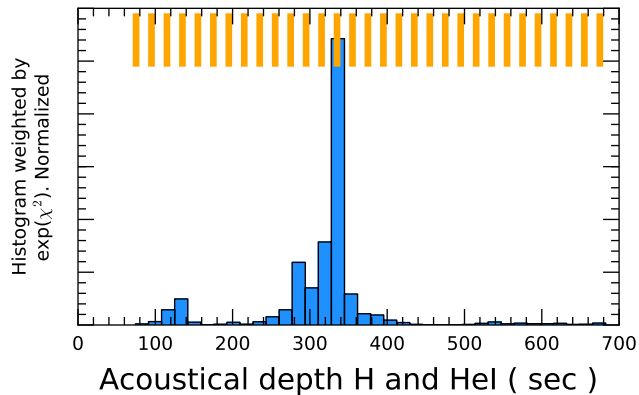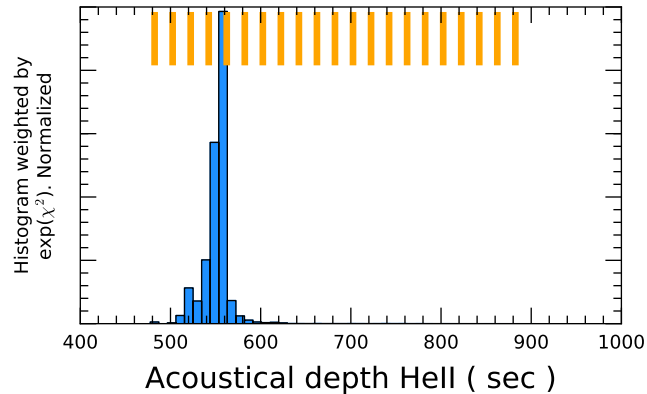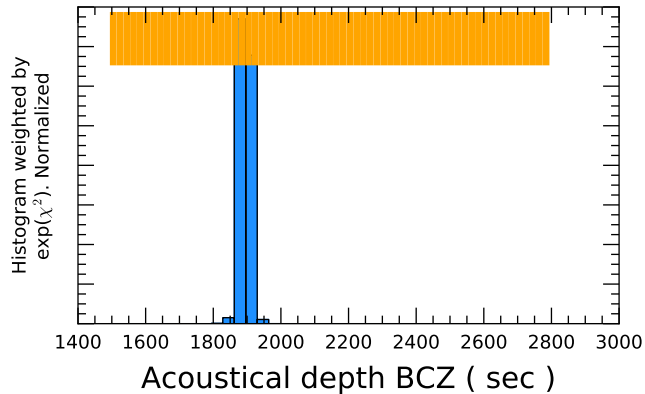
Age after ZAMS: 0.000 Gyr; Number of combinations 23552; profile2
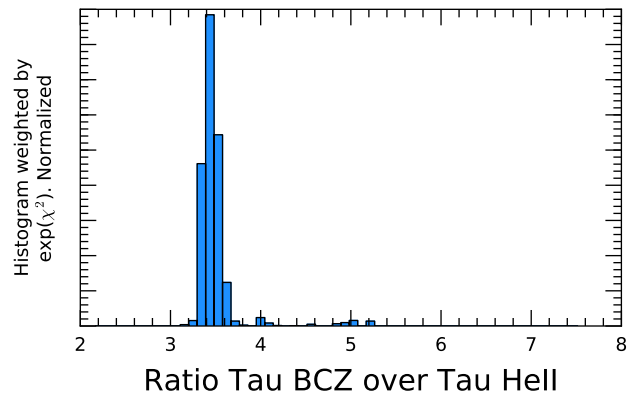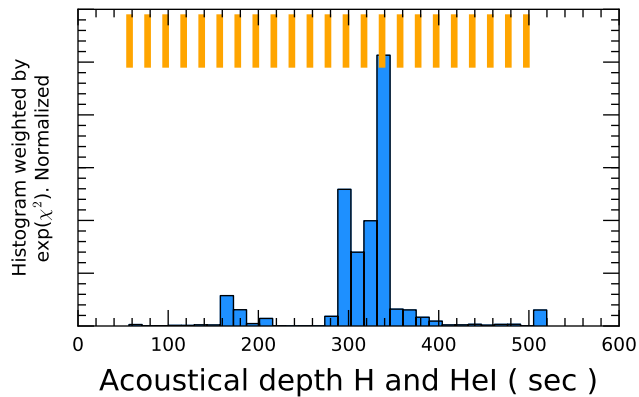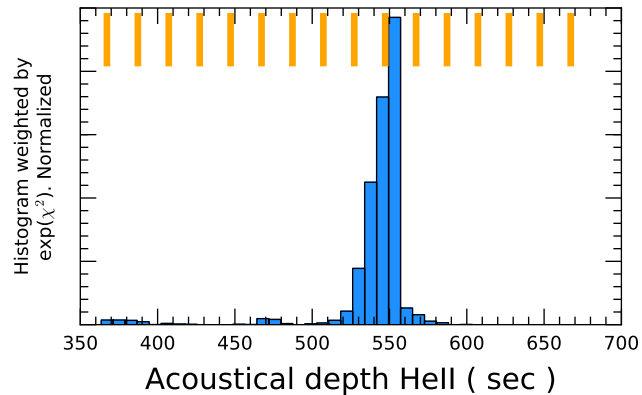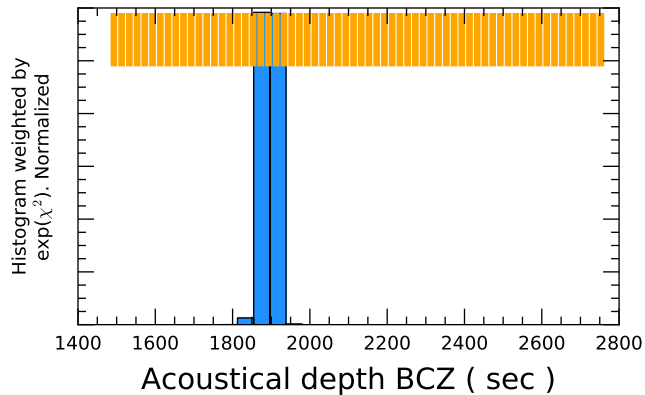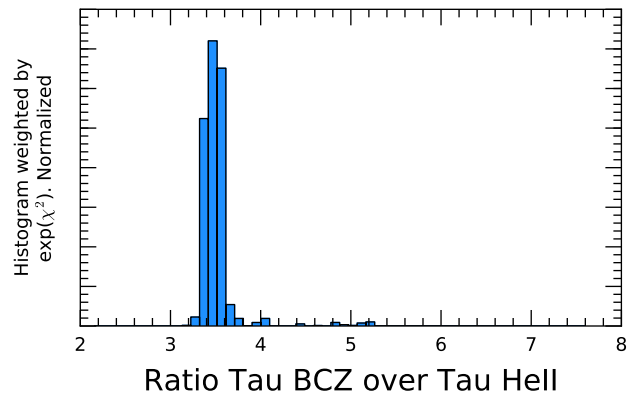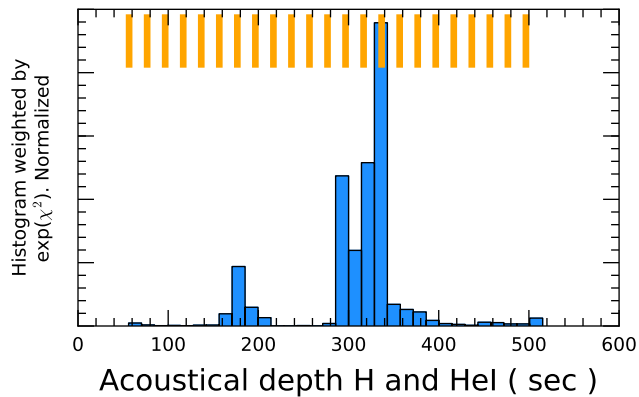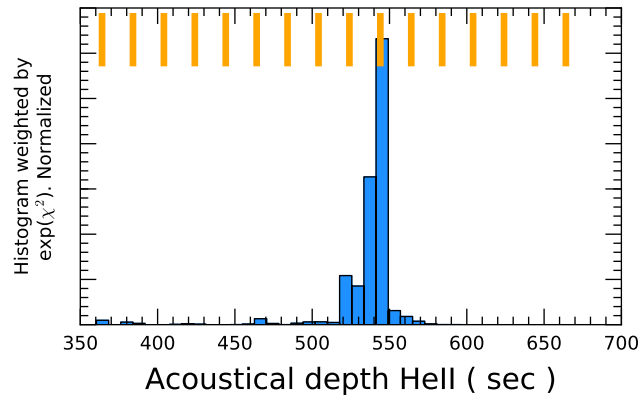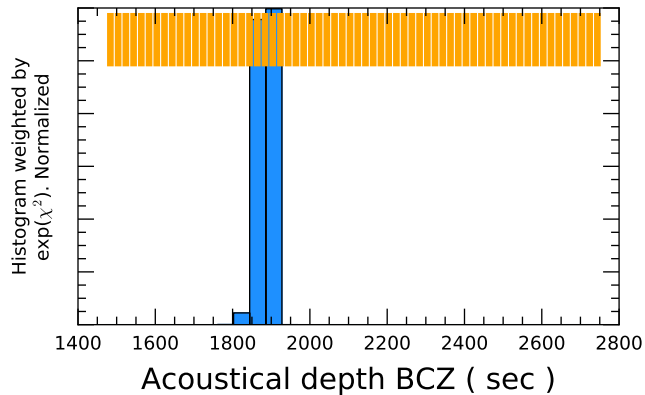
Age after ZAMS: 0.001 Gyr; Number of combinations 23552; profile3
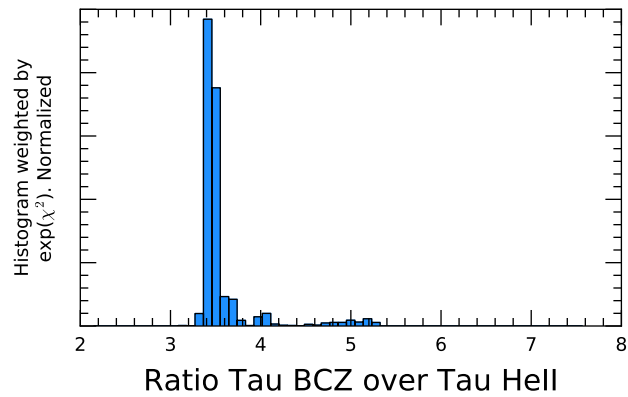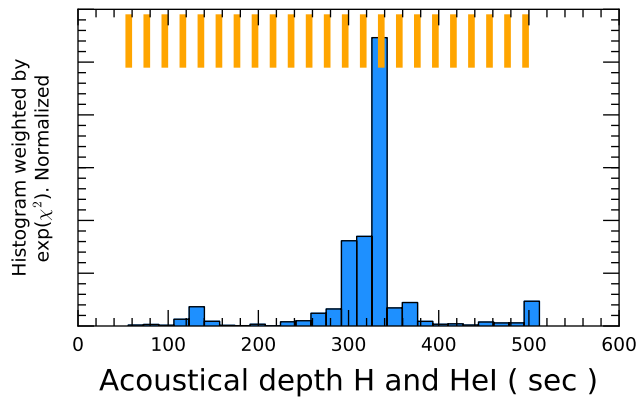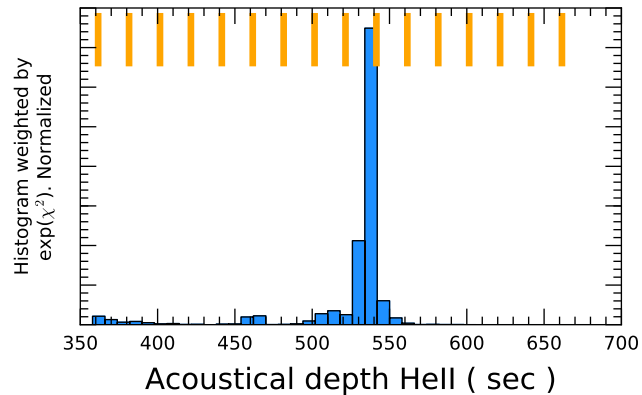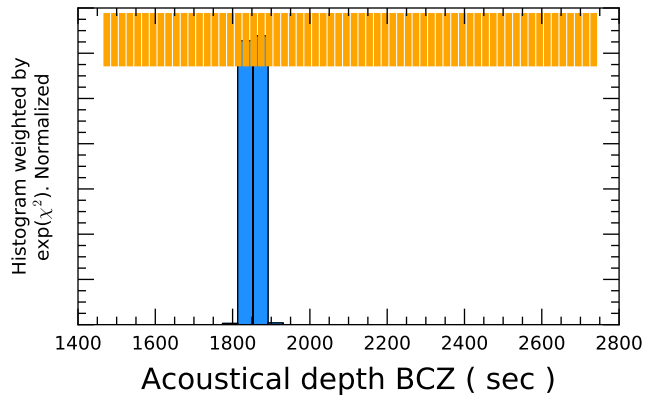
Age after ZAMS: 0.002 Gyr; Number of combinations 23552; profile4
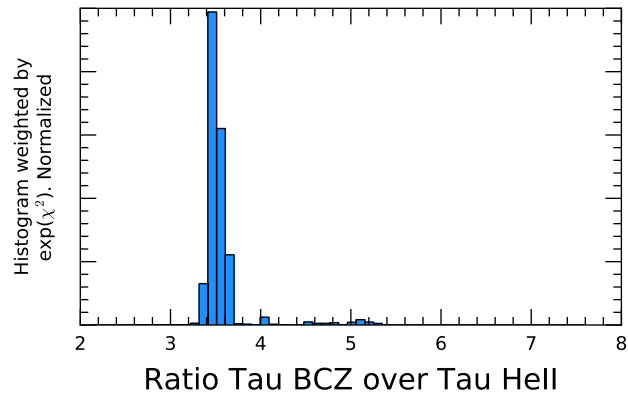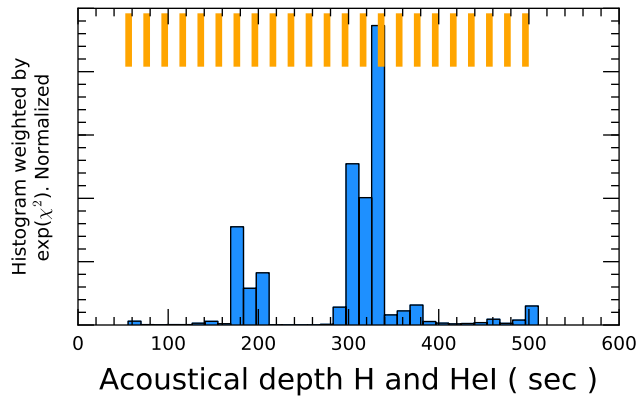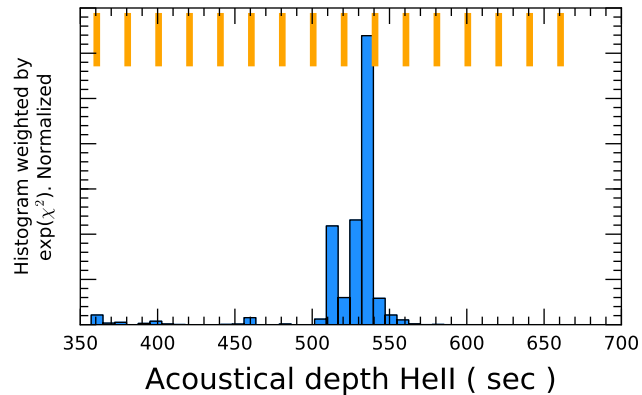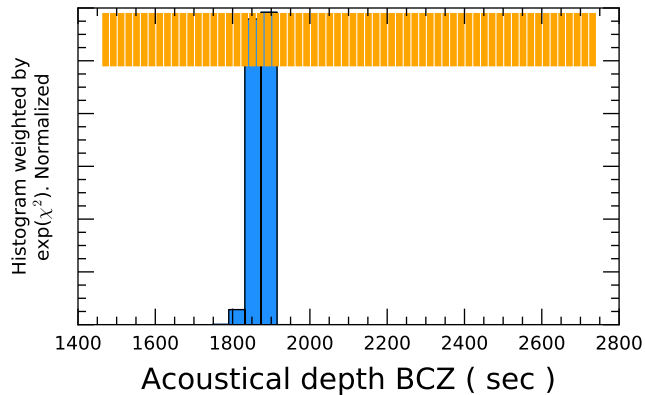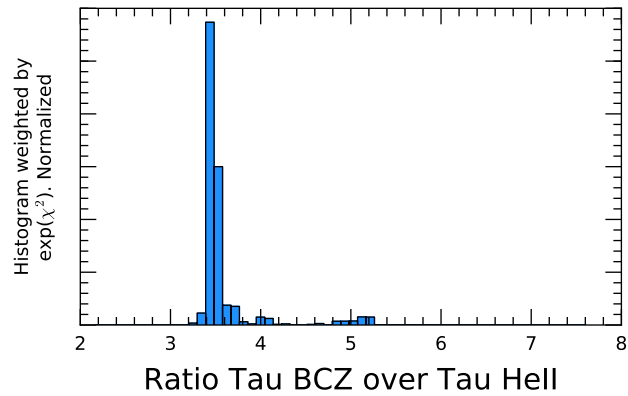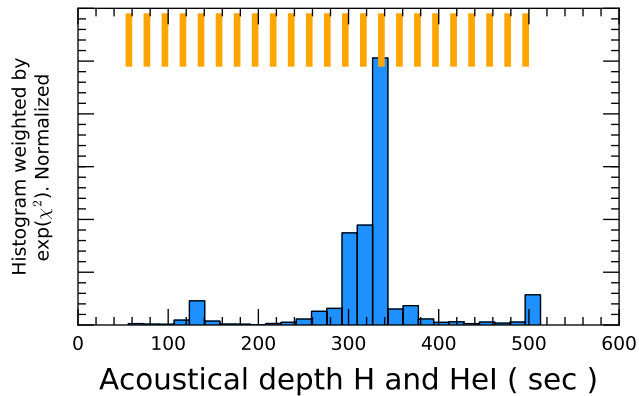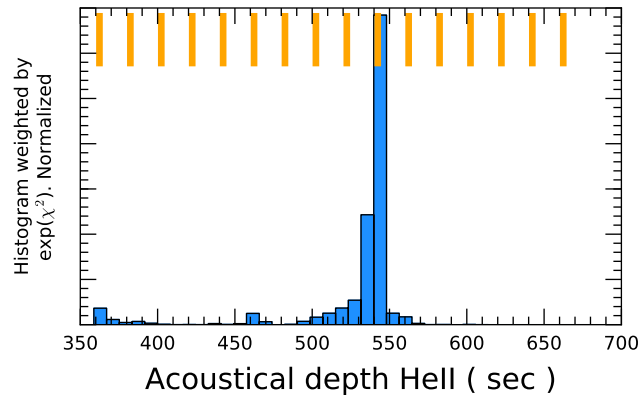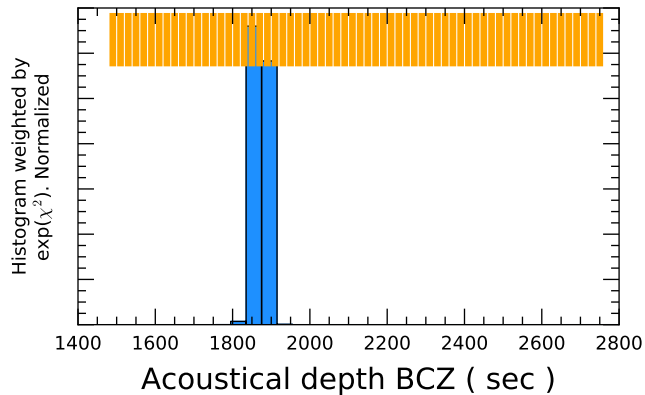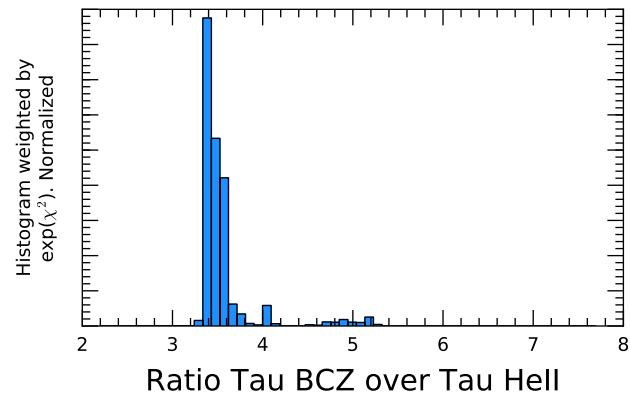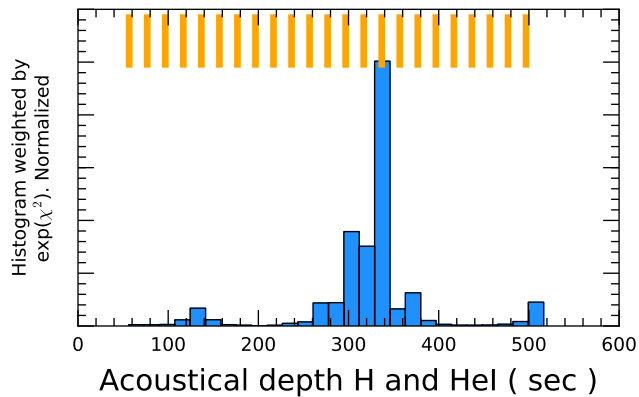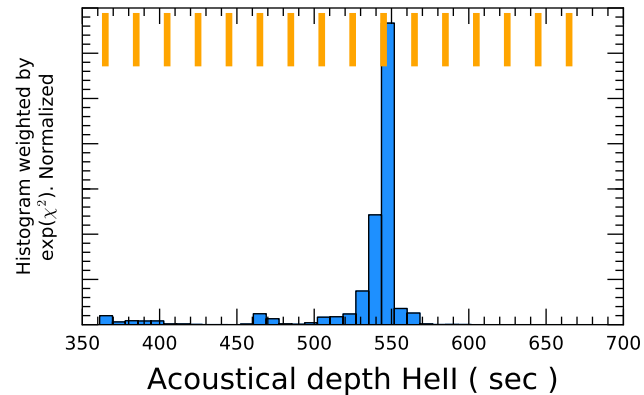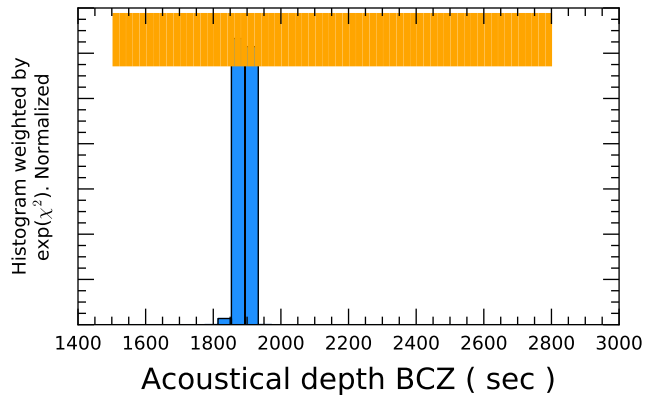
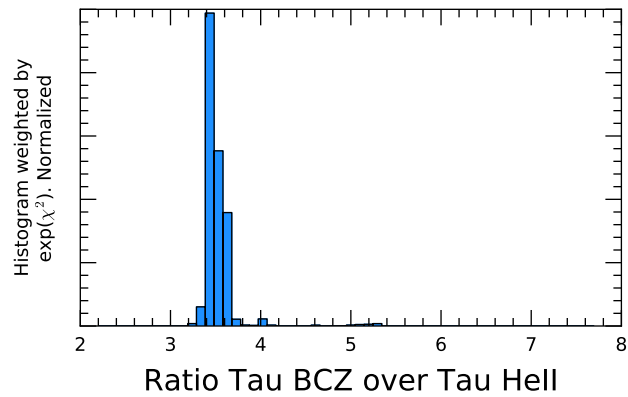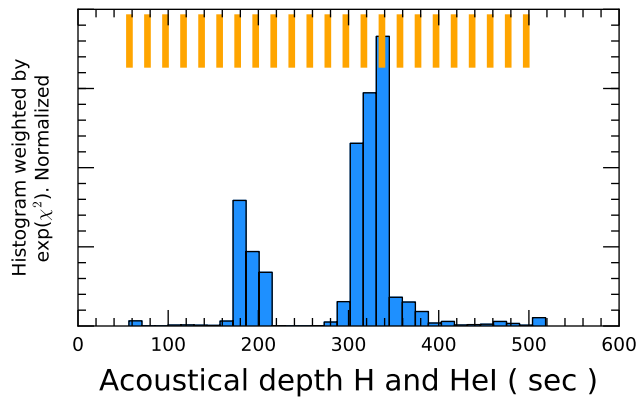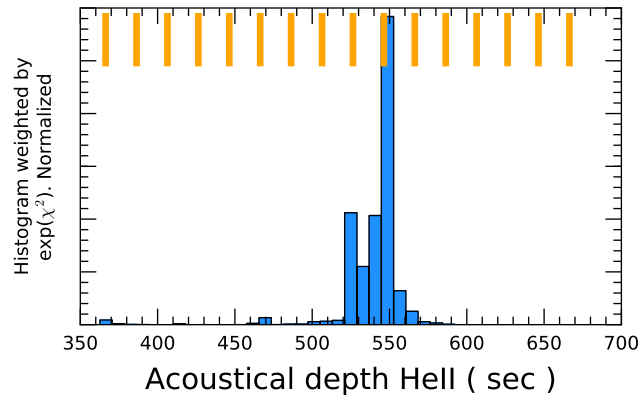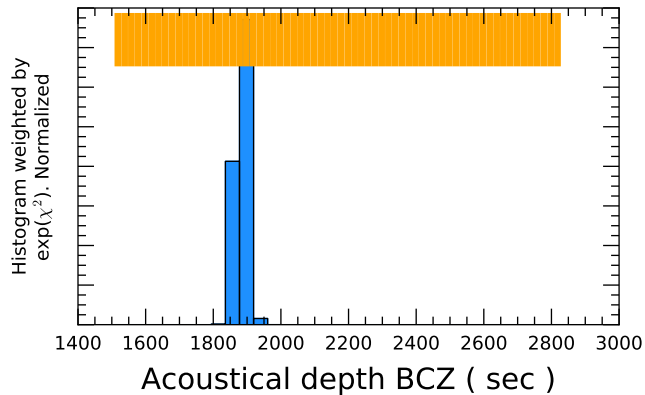Age after ZAMS: 0.004 Gyr; Number of combinations 23552; profile5

Age after ZAMS: 0.007 Gyr; Number of combinations 23552; profile6

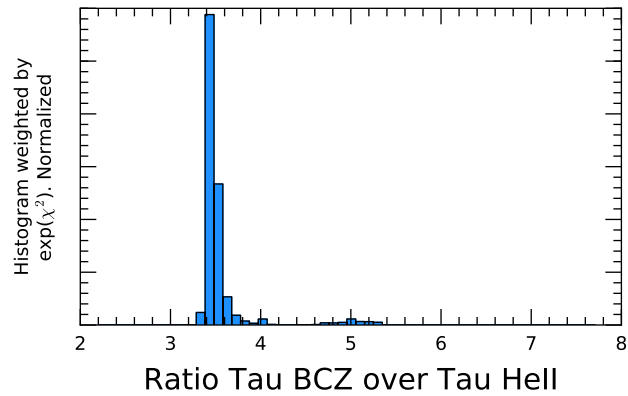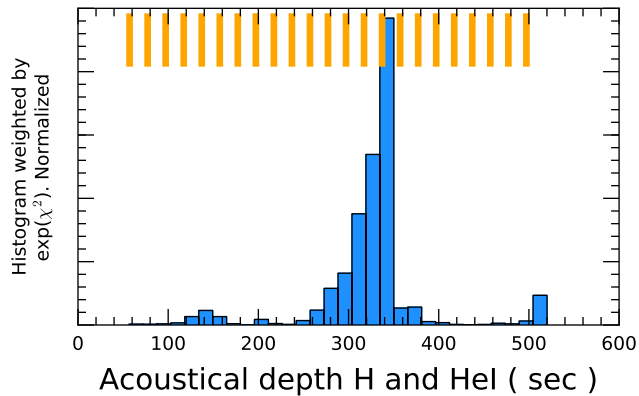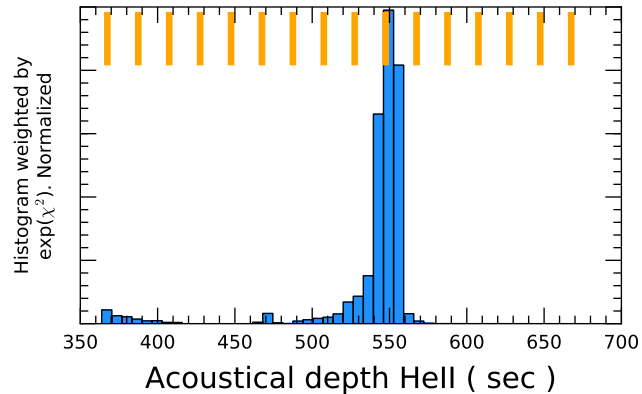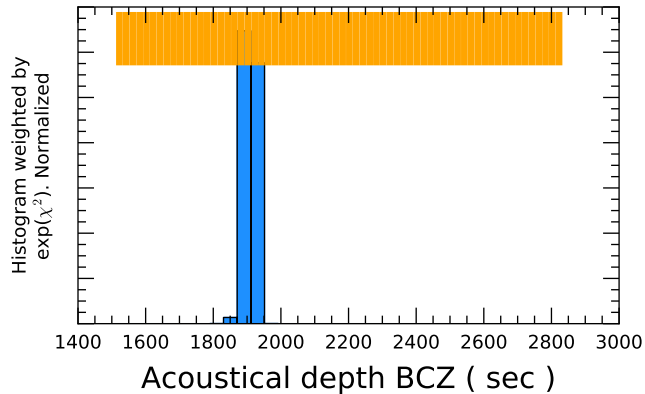Age after ZAMS: 0.013 Gyr; Number of combinations 23920; profile7
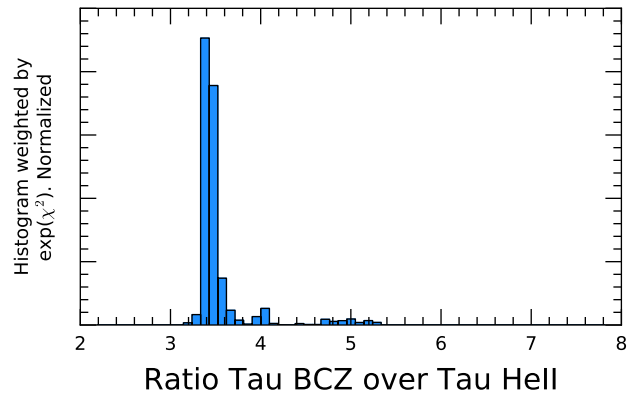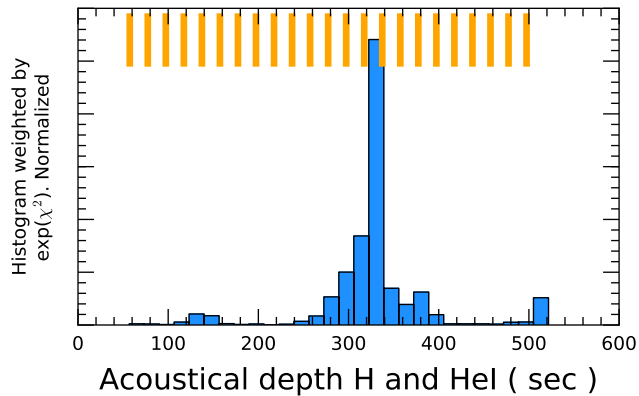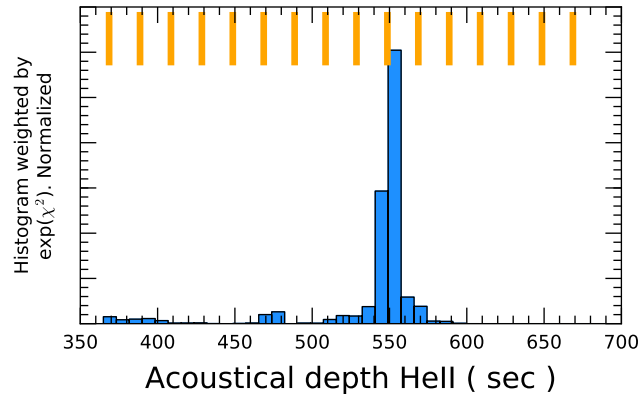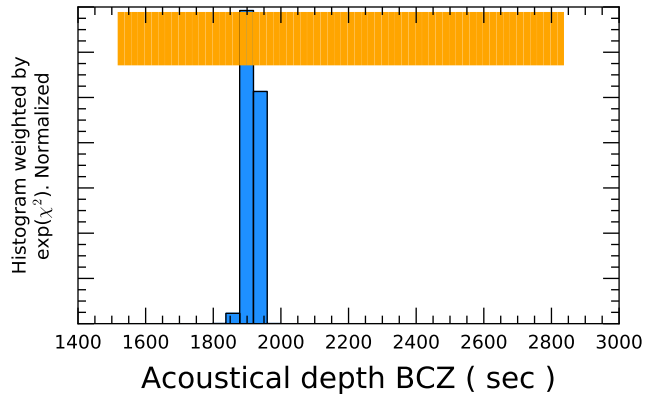
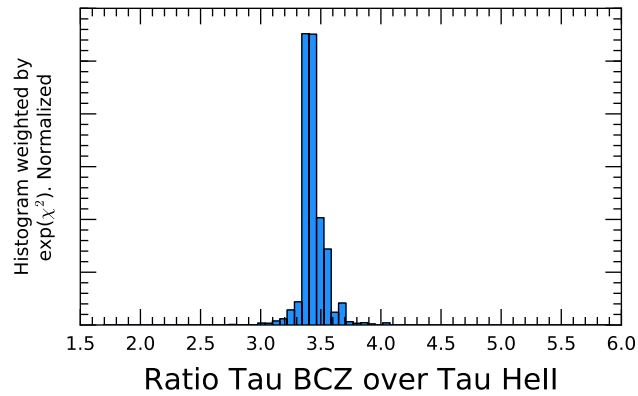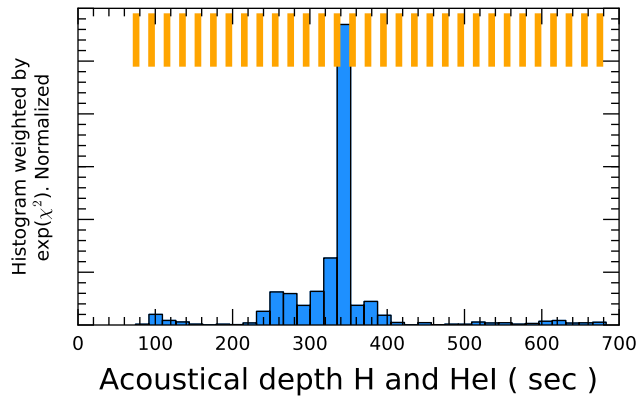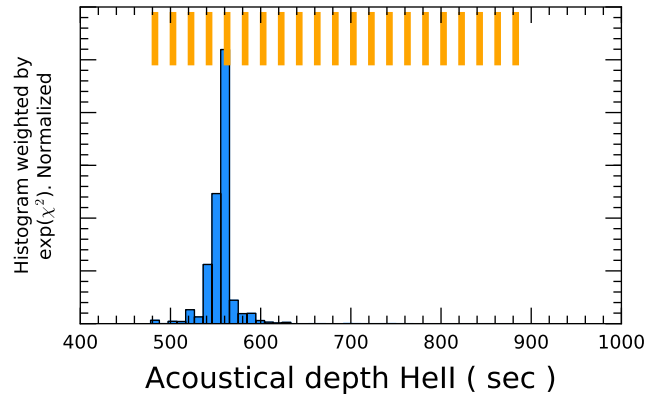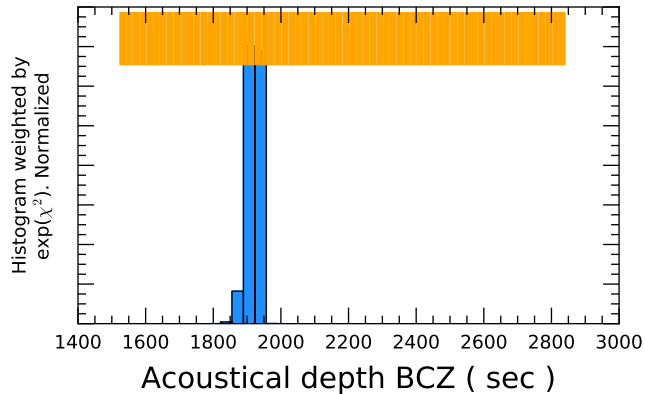Age after ZAMS: 0.023 Gyr; Number of combinations 24288; profile8
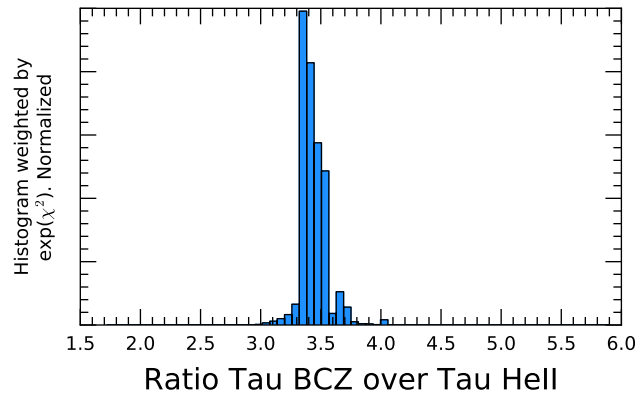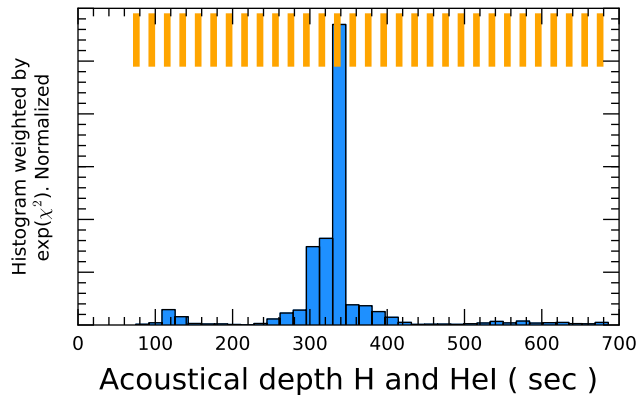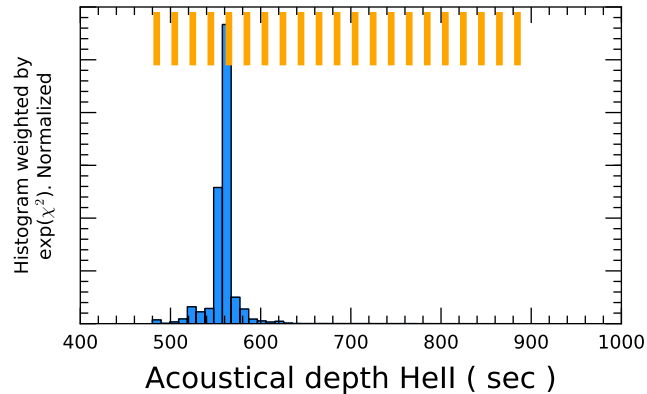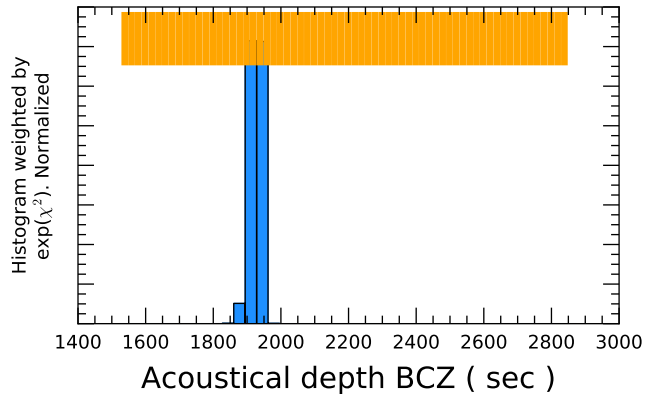
Age after ZAMS: 0.039 Gyr; Number of combinations 24288; profile9

Age after ZAMS: 0.068 Gyr; Number of combinations 24288; profile10

Top-left panel — y-axis: Histogram weighted by $\exp(\chi^2)$. Normalized; x-axis: Acoustical depth BCZ (sec)

Top-right panel — y-axis: Histogram weighted by $\exp(\chi^2)$. Normalized; x-axis: Acoustical depth HeII (sec)

Bottom-left panel — y-axis: Histogram weighted by $\exp(\chi^2)$. Normalized; x-axis: Acoustical depth H and HeI (sec)

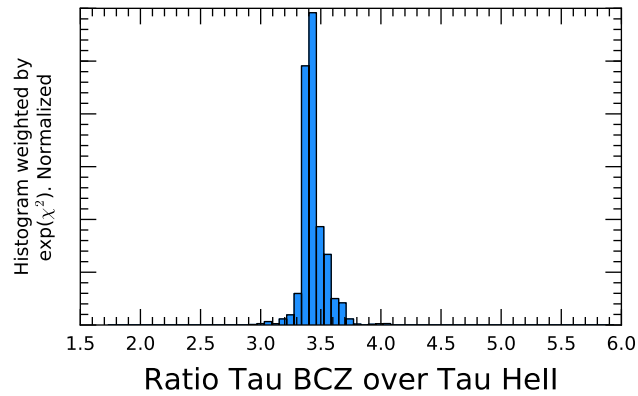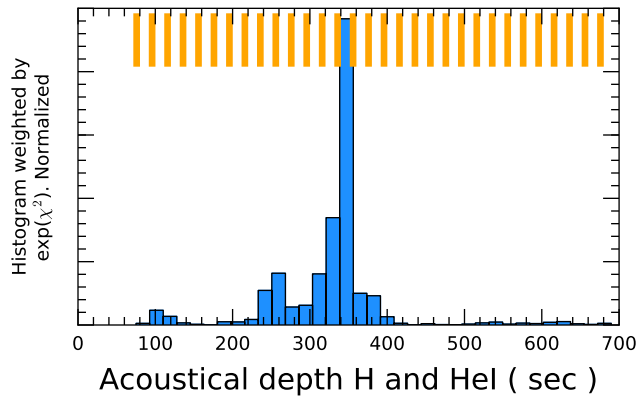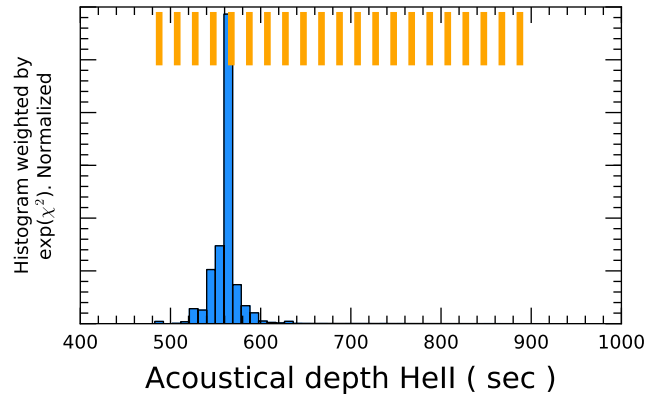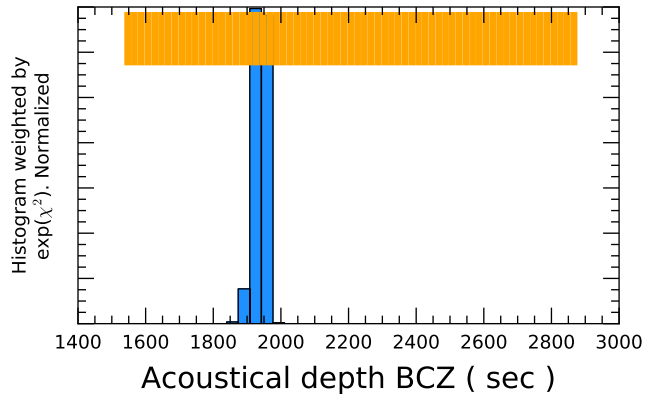Bottom-right panel — y-axis: Histogram weighted by $\exp(\chi^2)$. Normalized; x-axis: Ratio Tau BCZ over Tau HeII

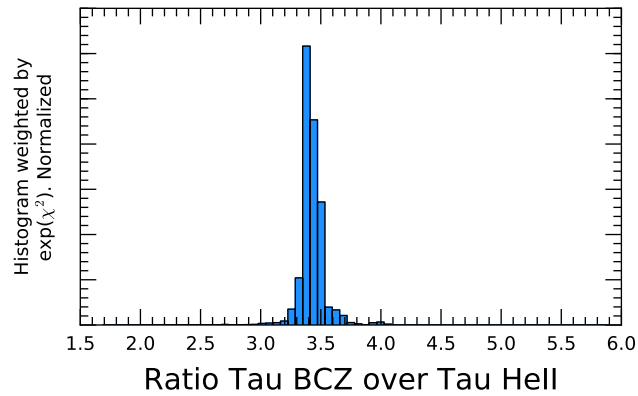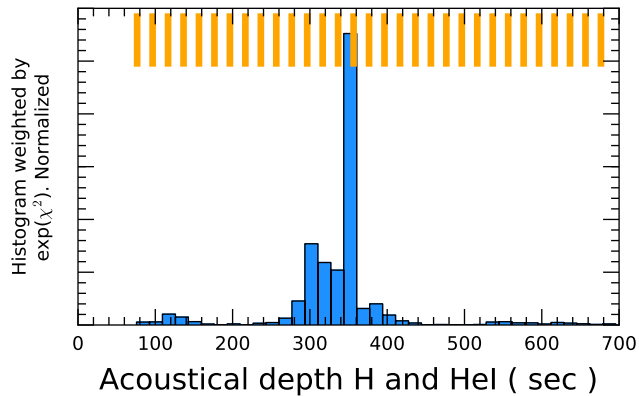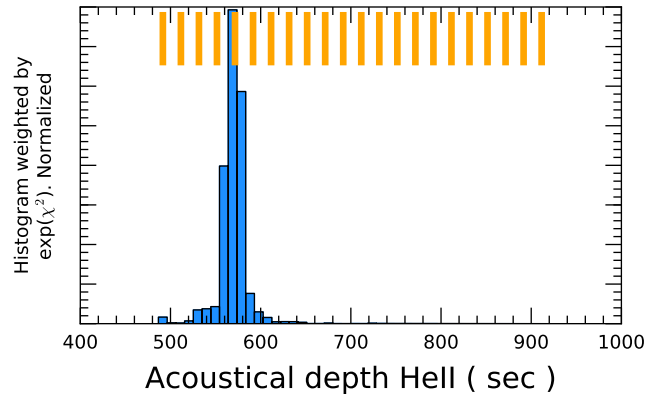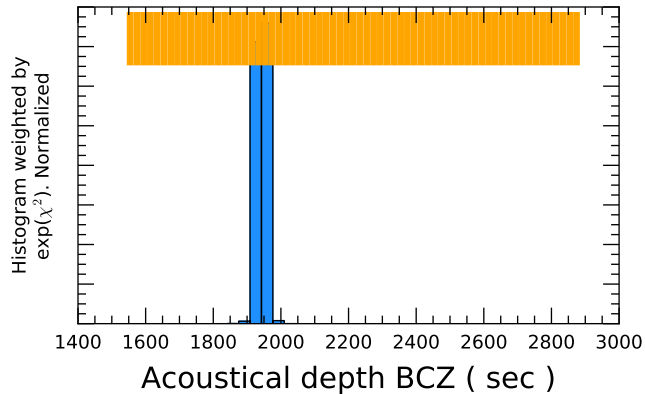Age after ZAMS: 0.118 Gyr; Number of combinations 42966; profile11

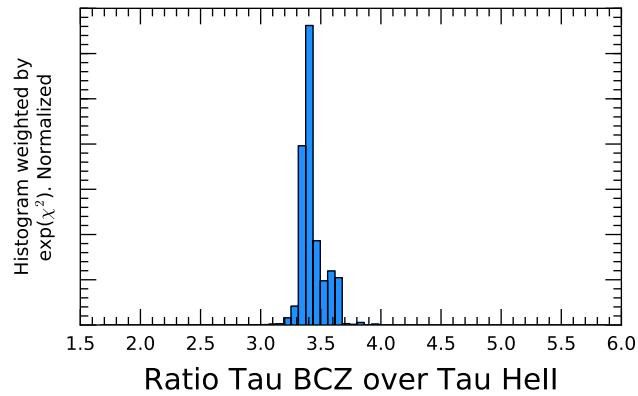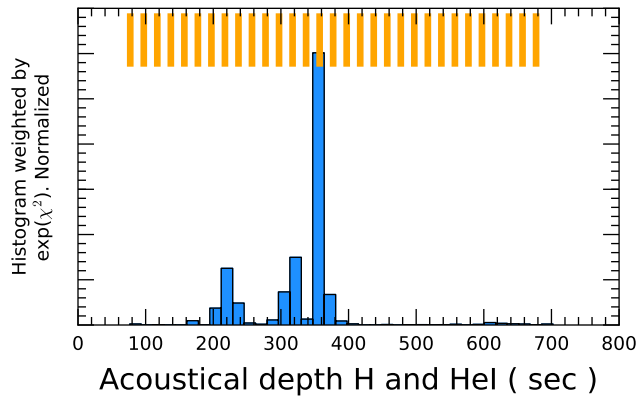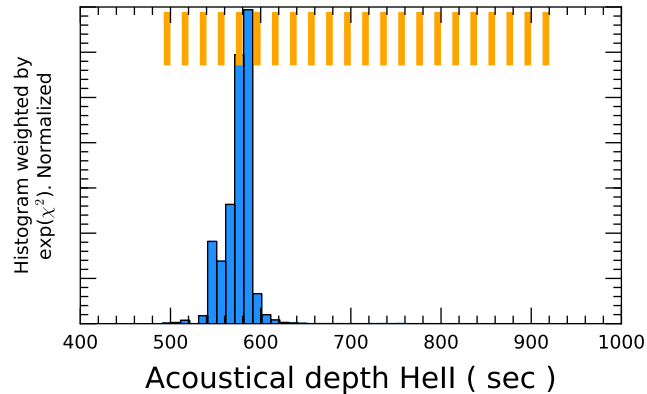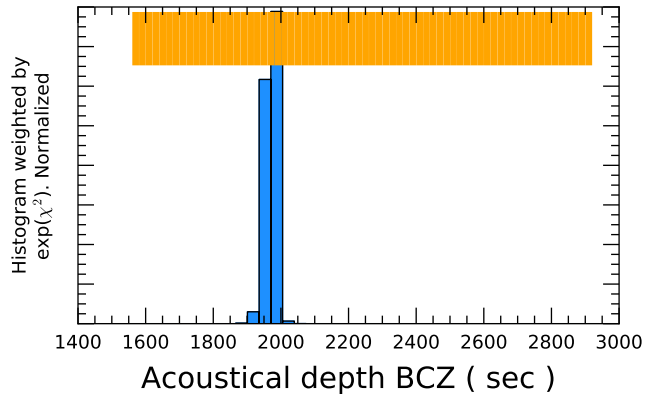Age after ZAMS: 0.205 Gyr; Number of combinations 42966; profile12

Age after ZAMS: 0.354 Gyr; Number of combinations 43617; profile13
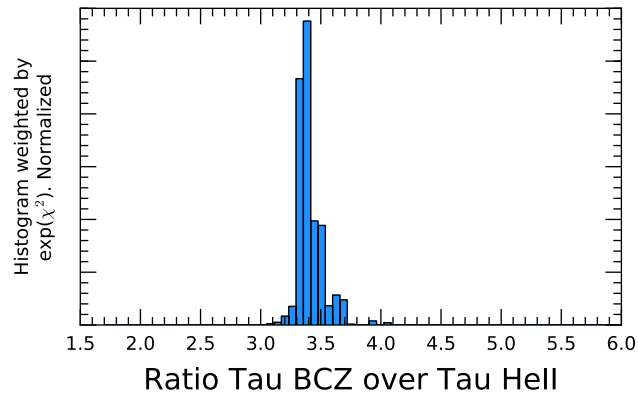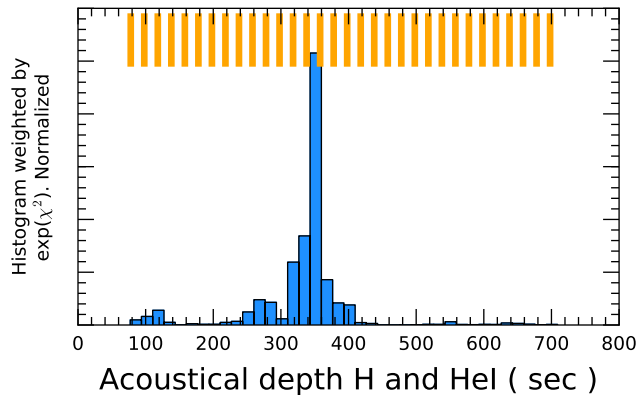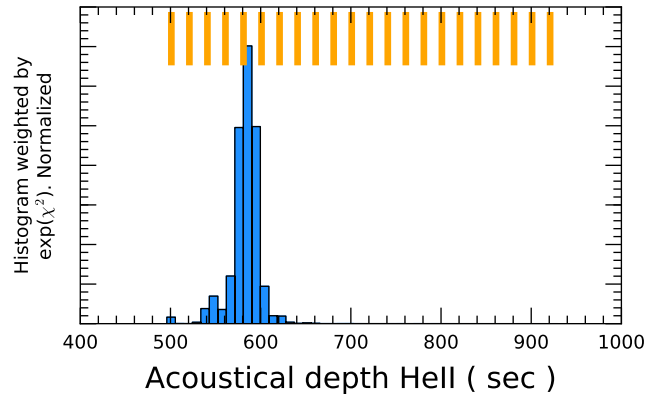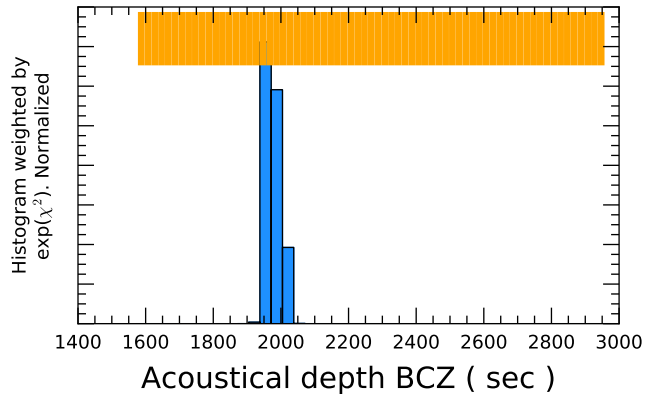
Age after ZAMS: 0.610 Gyr; Number of combinations 45694; profile14
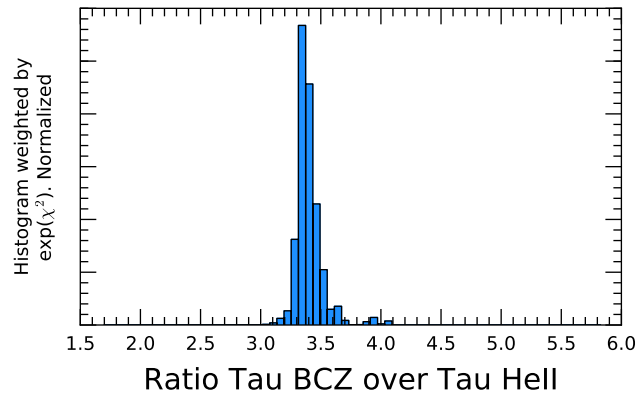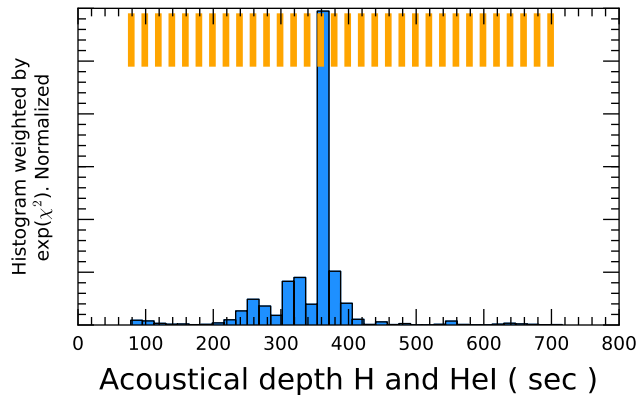
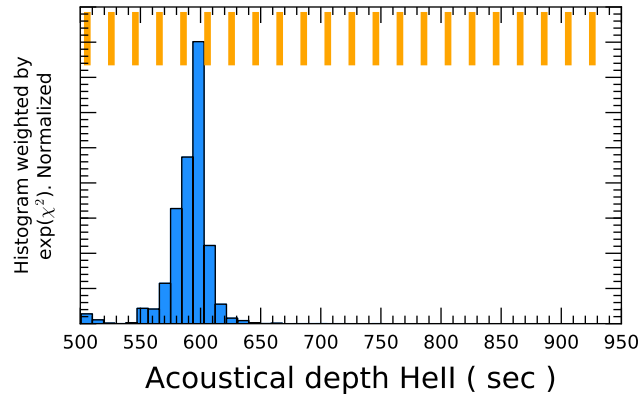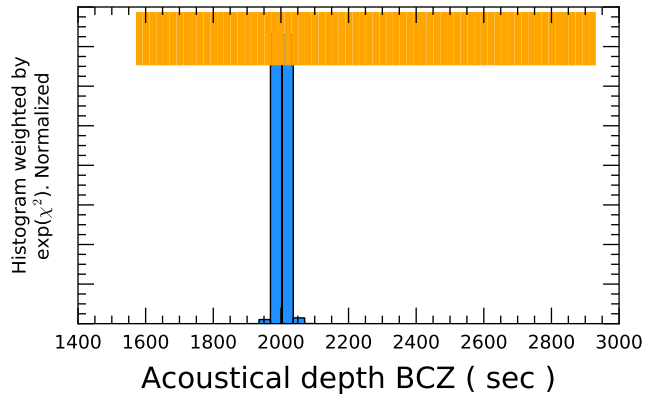Age after ZAMS: 0.910 Gyr; Number of combinations 46376; profile15
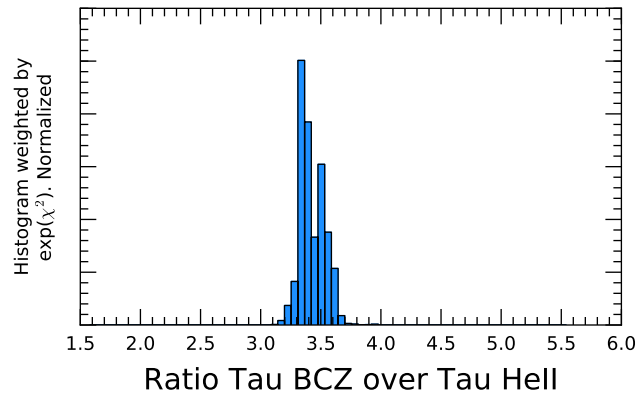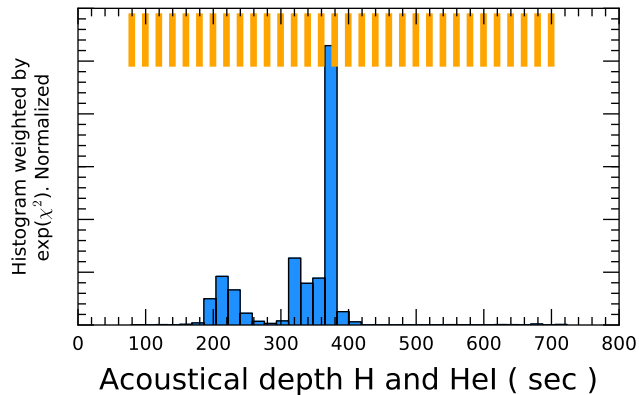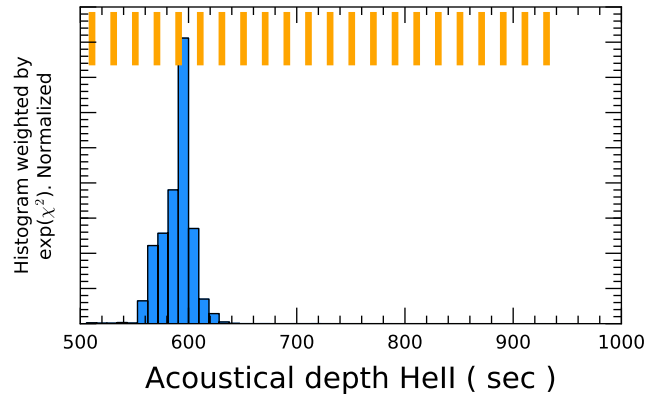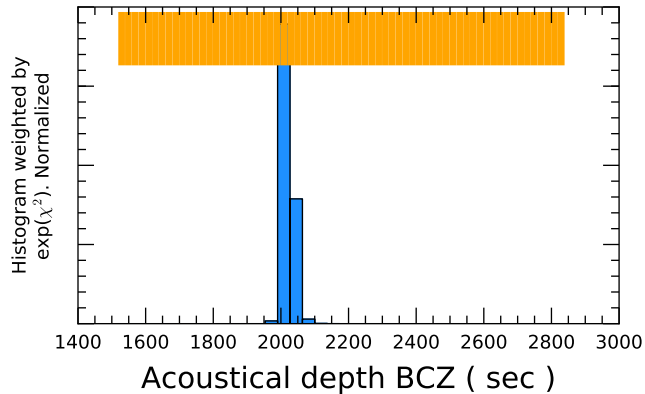
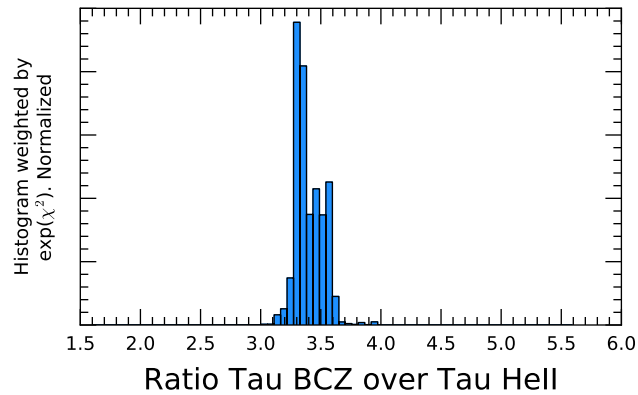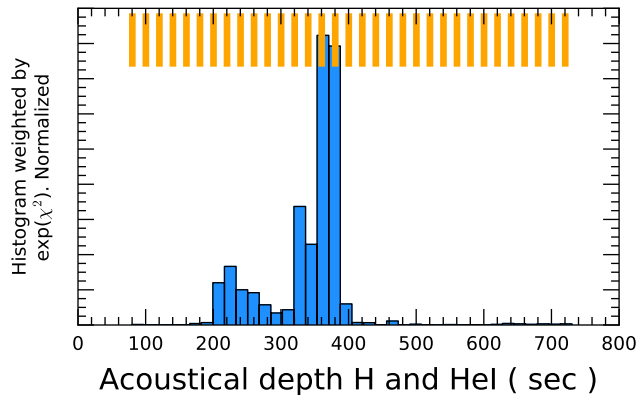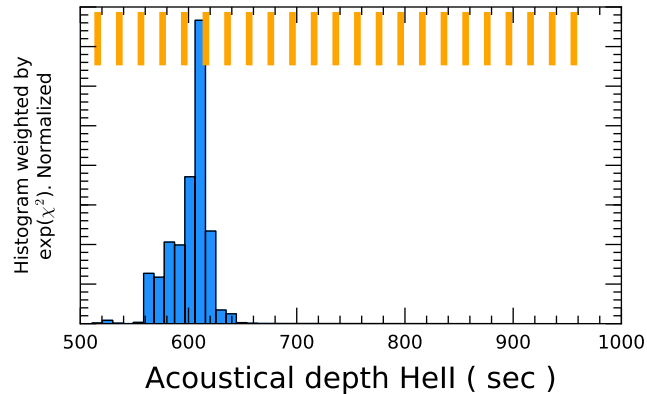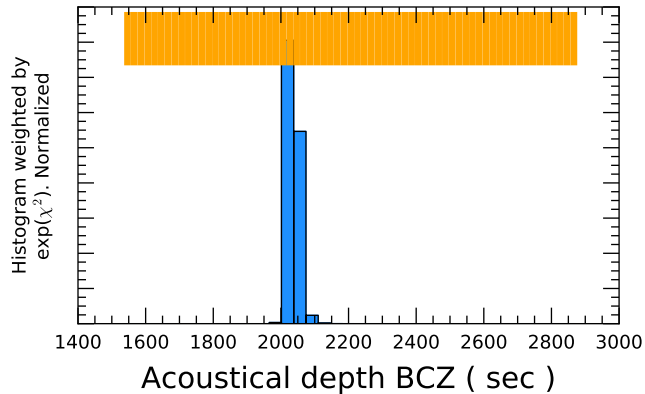Age after ZAMS: 1.210 Gyr; Number of combinations 48576; profile16

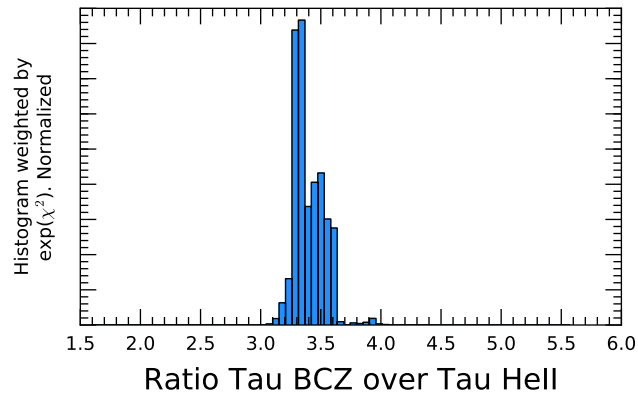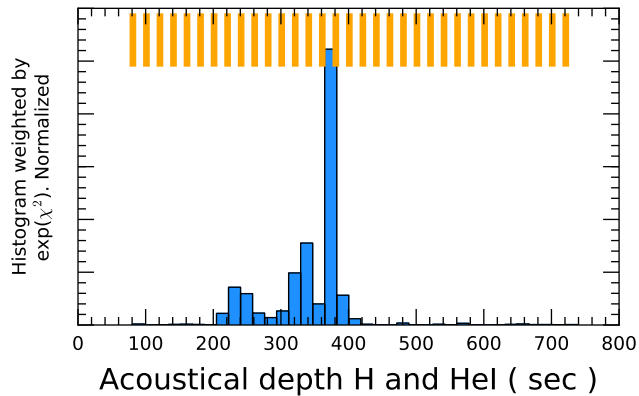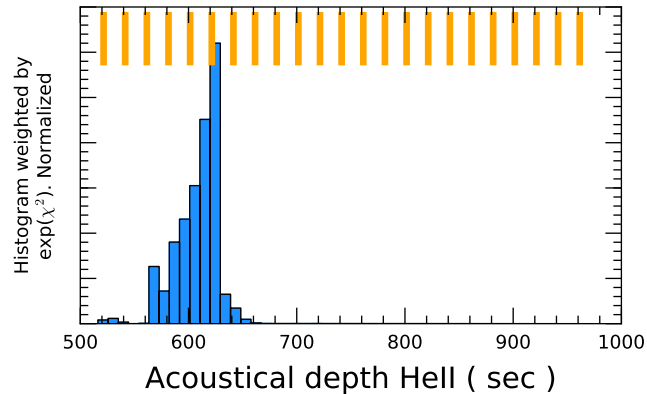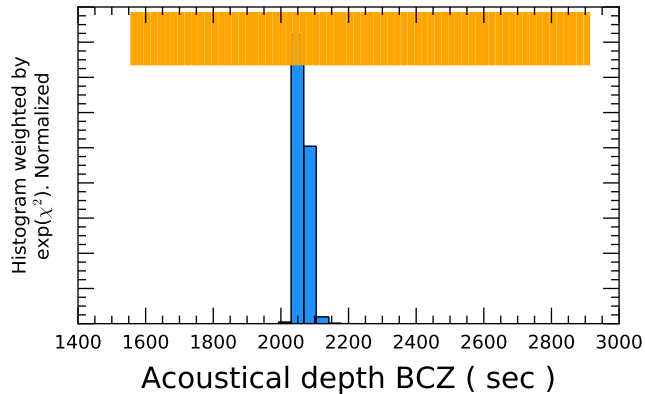Age after ZAMS: 1.510 Gyr; Number of combinations 47872; profile17

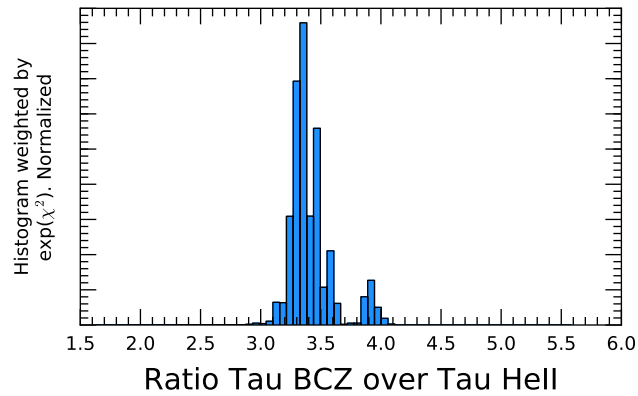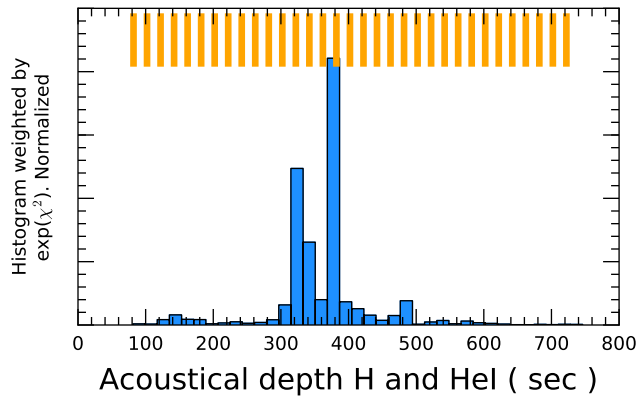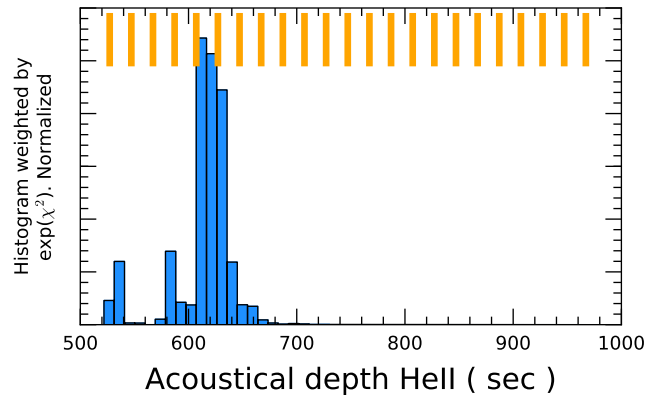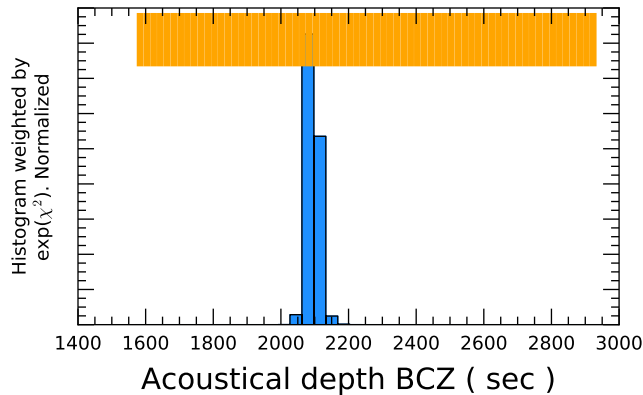Age after ZAMS: 1.810 Gyr; Number of combinations 46464; profile18

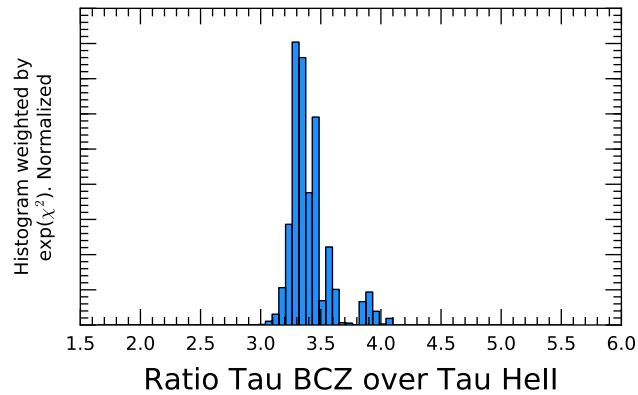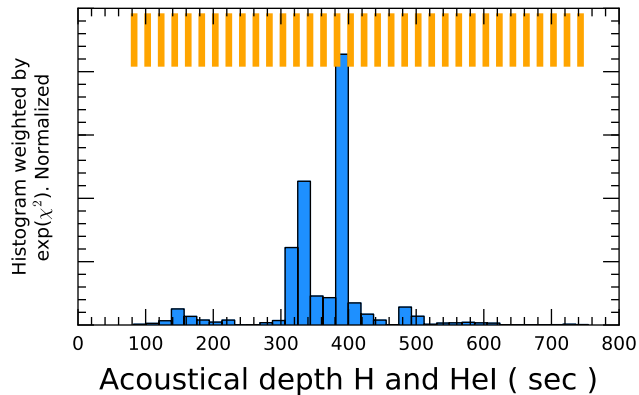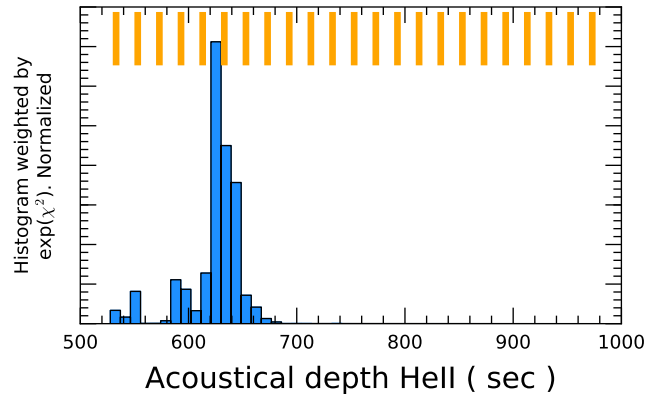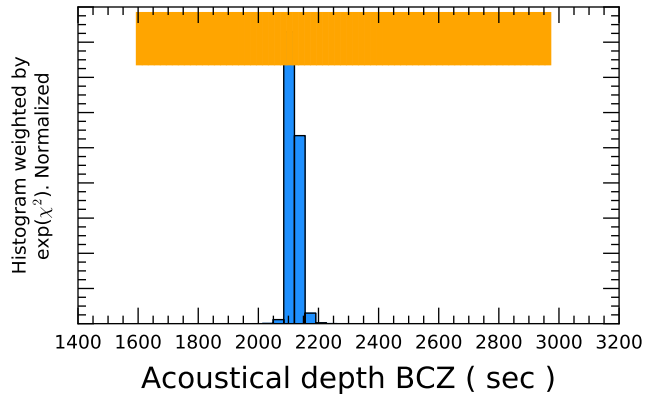Age after ZAMS: 2.110 Gyr; Number of combinations 50853; profile19

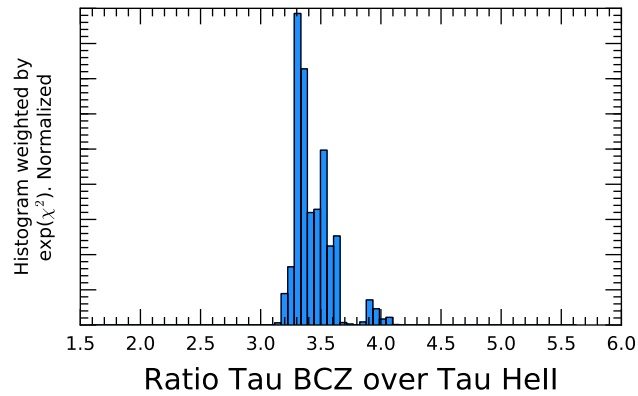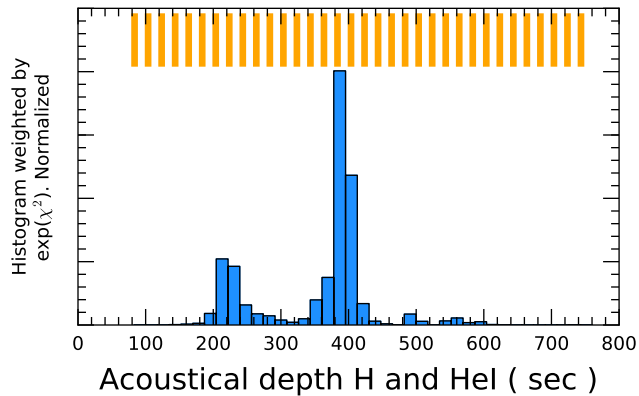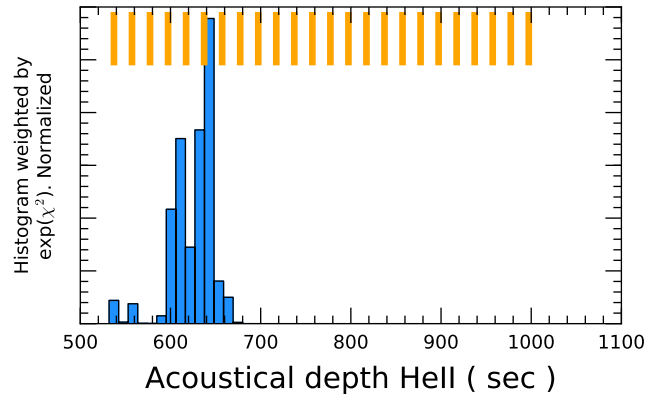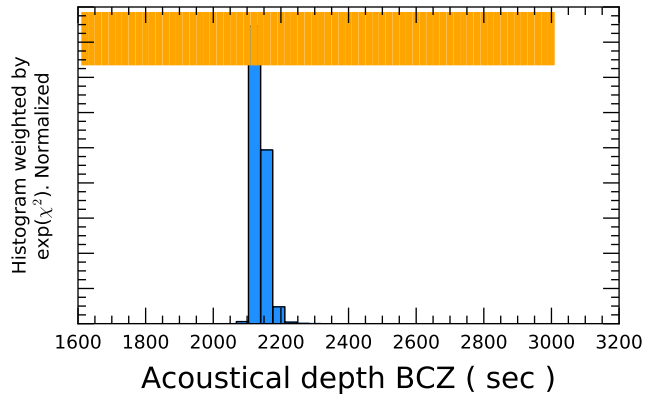Age after ZAMS: 2.410 Gyr; Number of combinations 51612; profile20

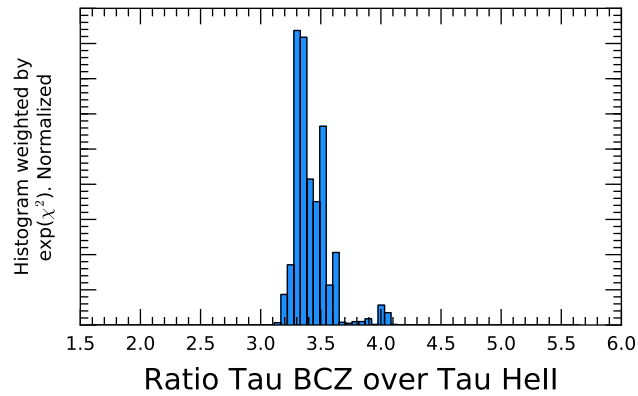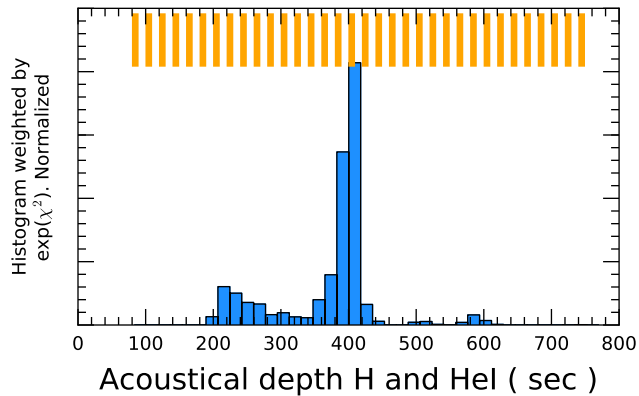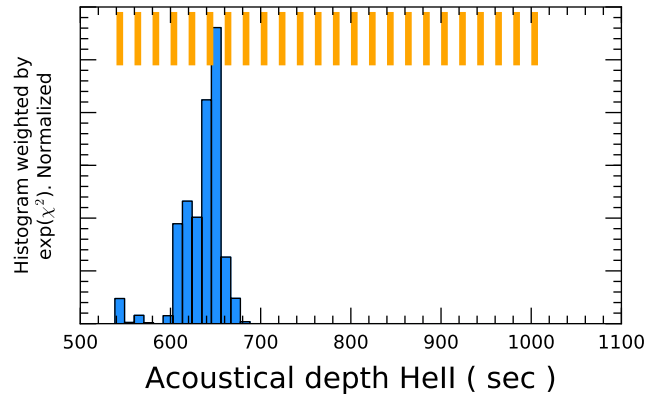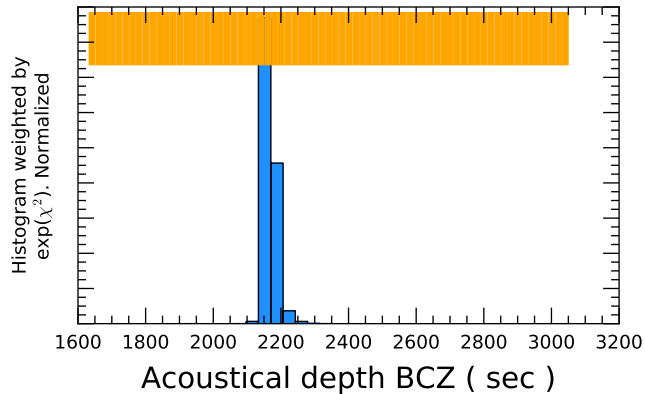Age after ZAMS: 2.710 Gyr; Number of combinations 51612; profile21

Age after ZAMS: 3.010 Gyr; Number of combinations 53958; profile22

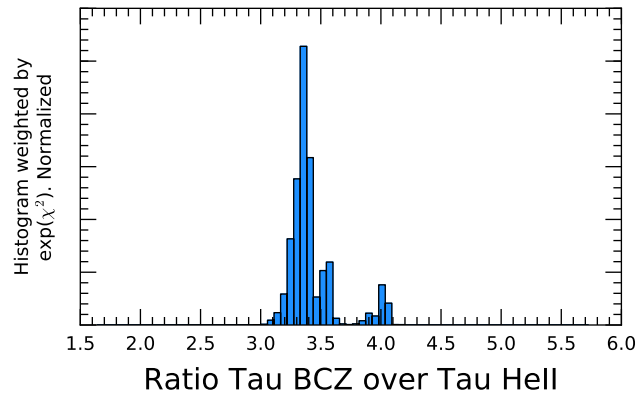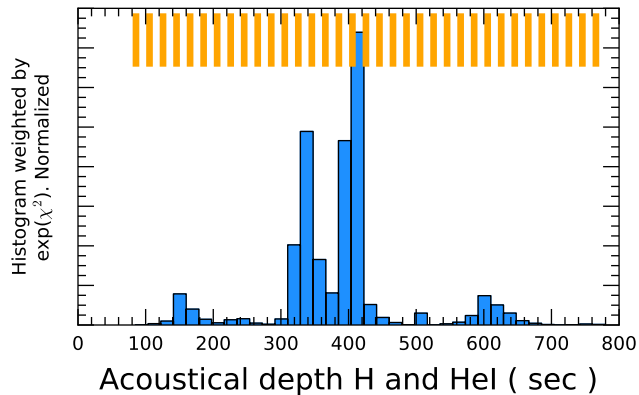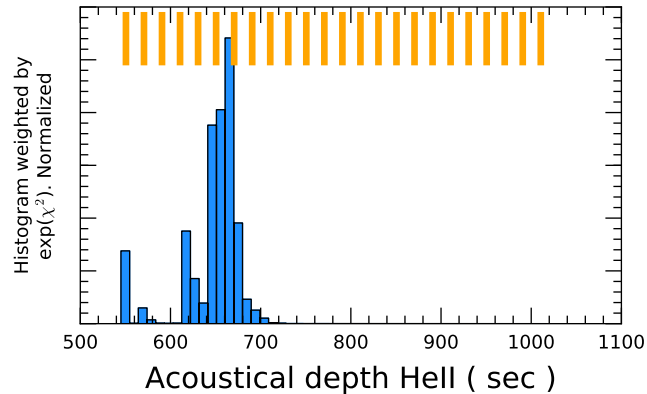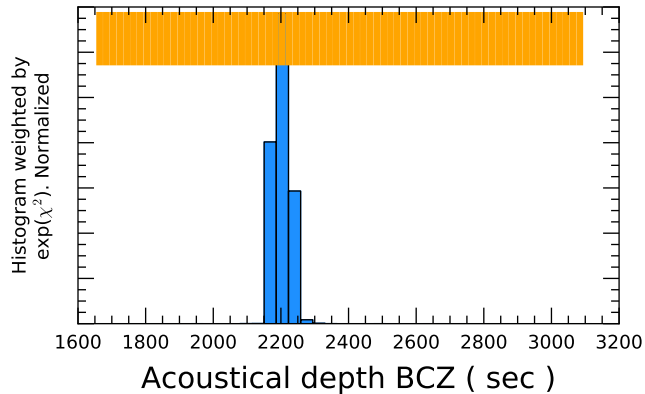Age after ZAMS: 3.310 Gyr; Number of combinations 57120; profile23
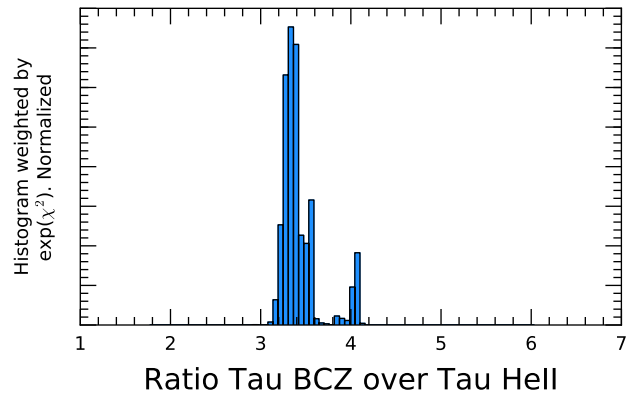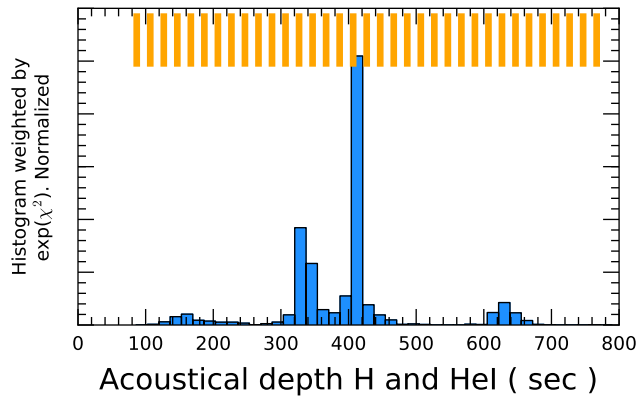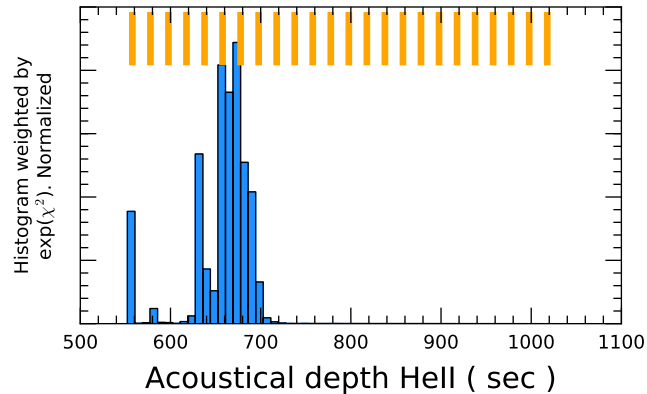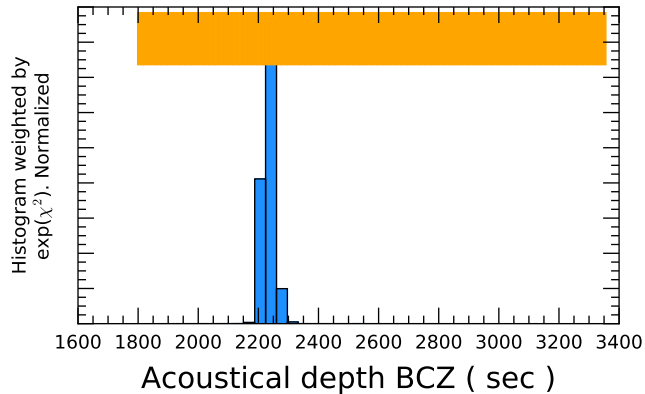
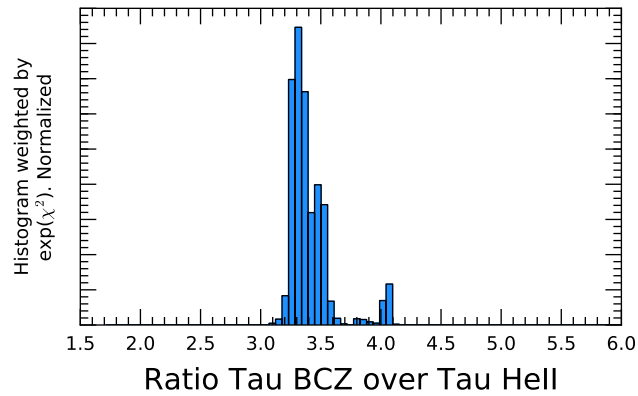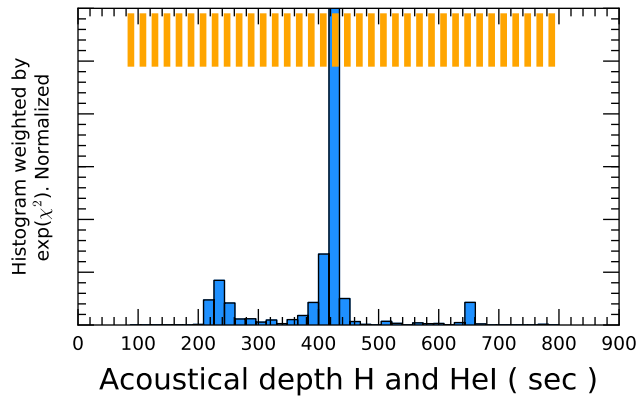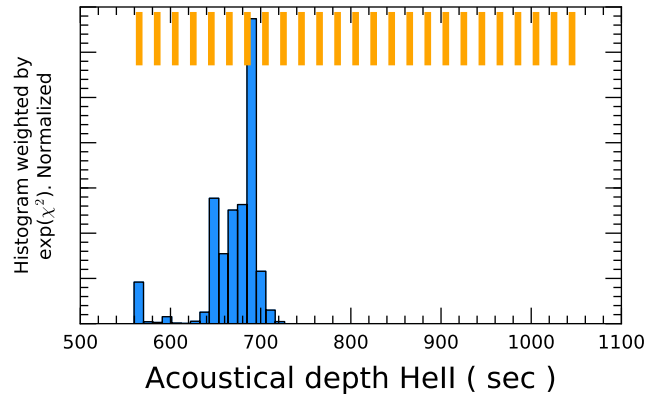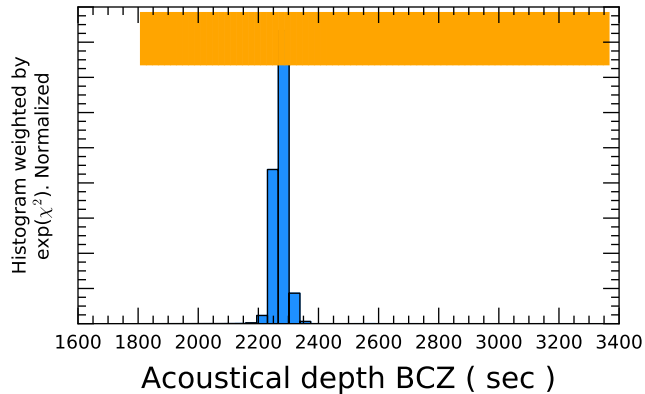Age after ZAMS: 3.610 Gyr; Number of combinations 57936; profile24

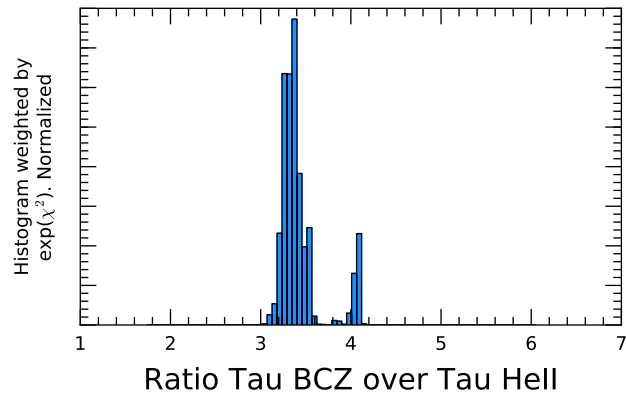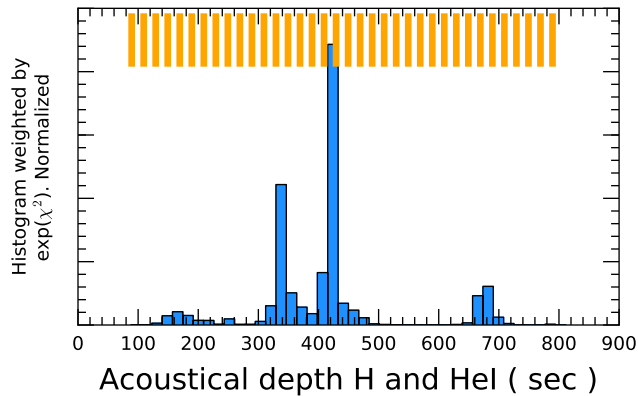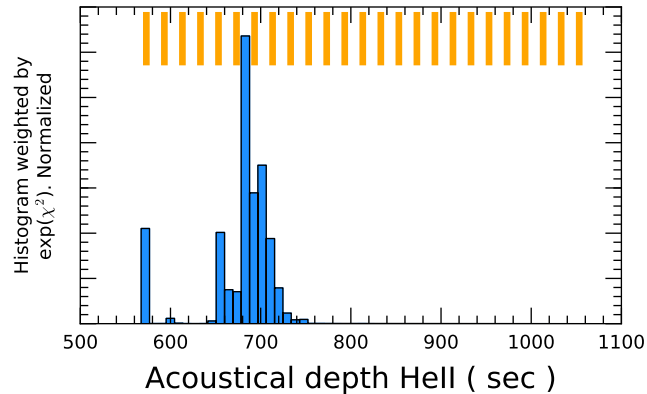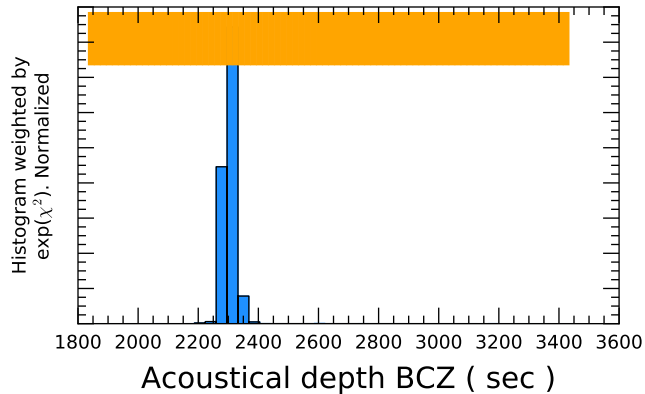Age after ZAMS: 3.910 Gyr; Number of combinations 60480; profile25

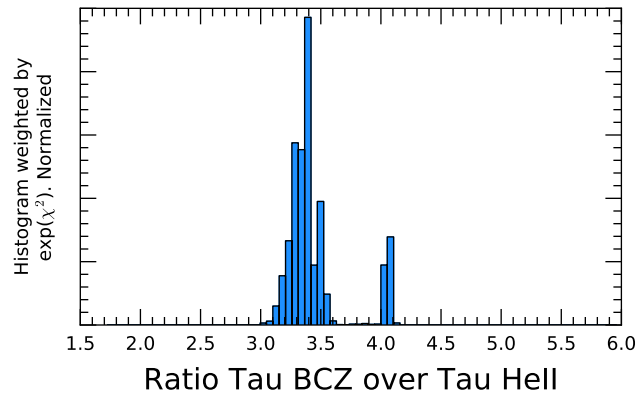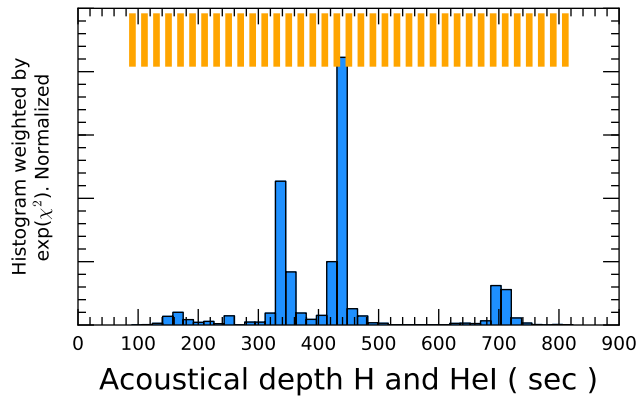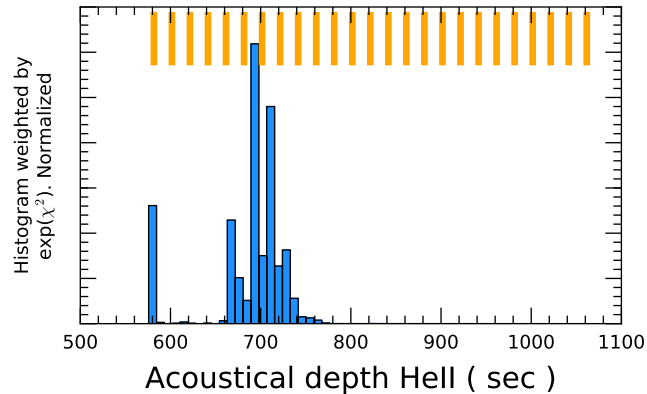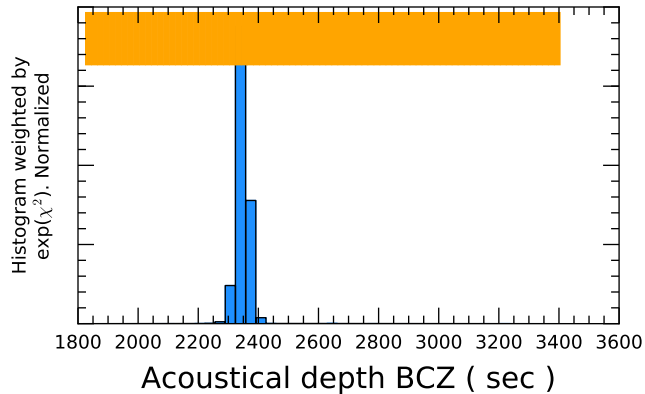Age after ZAMS: 4.210 Gyr; Number of combinations 65520; profile26

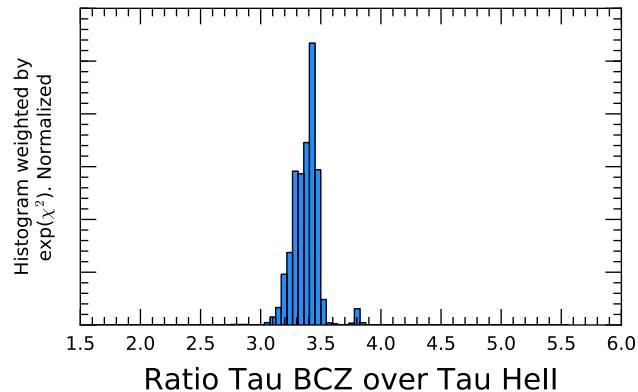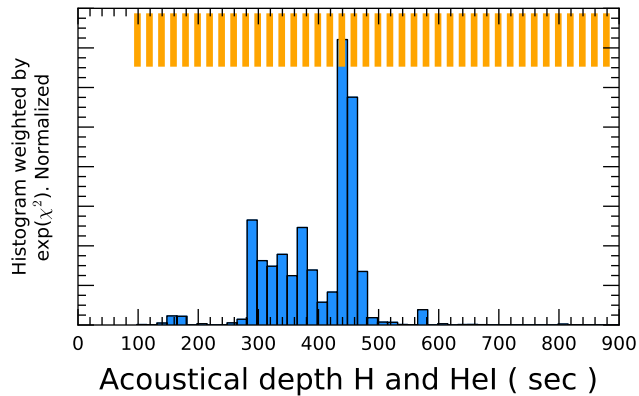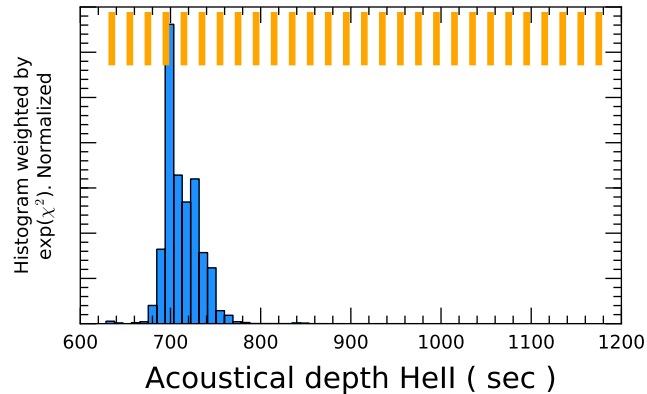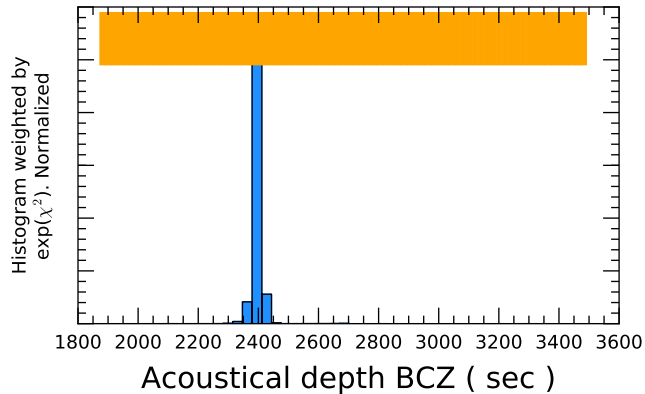Age after ZAMS: 4.510 Gyr; Number of combinations 70200; profile27

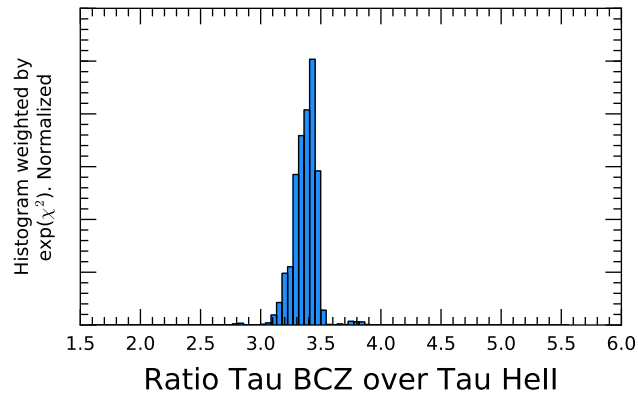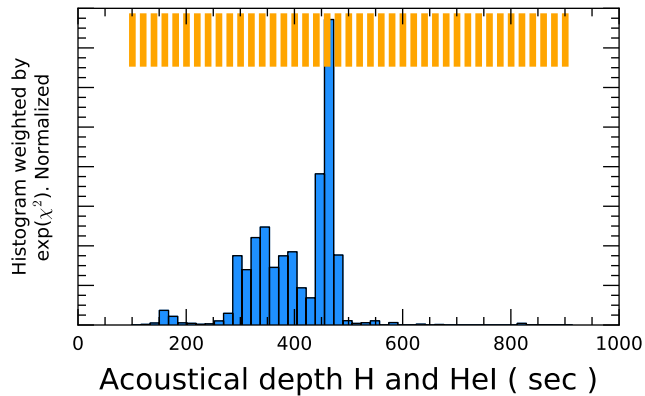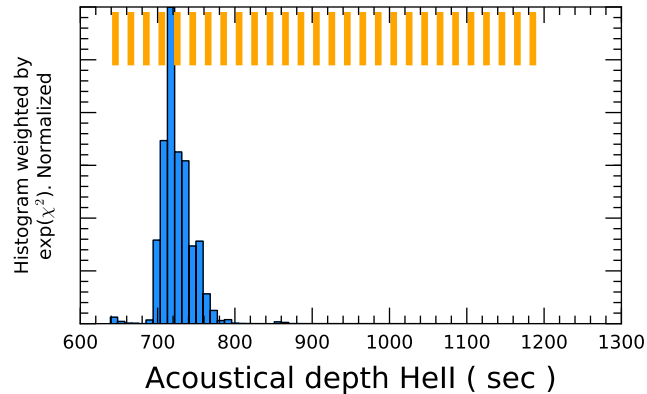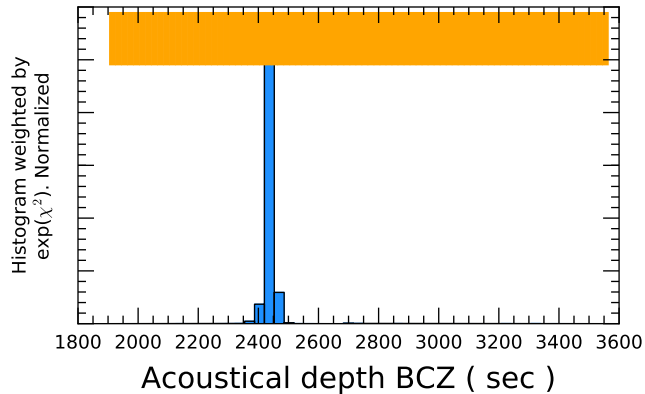Age after ZAMS: 4.810 Gyr; Number of combinations 72000; profile28

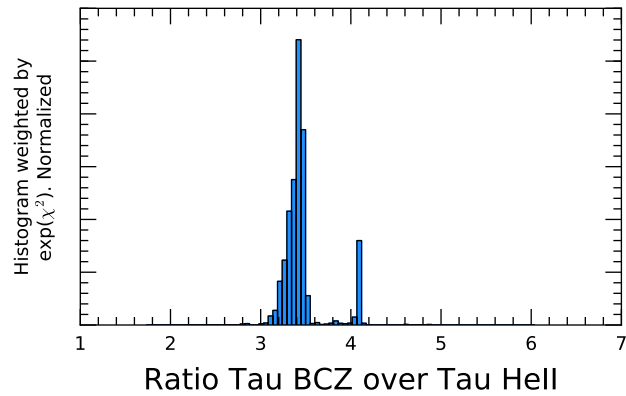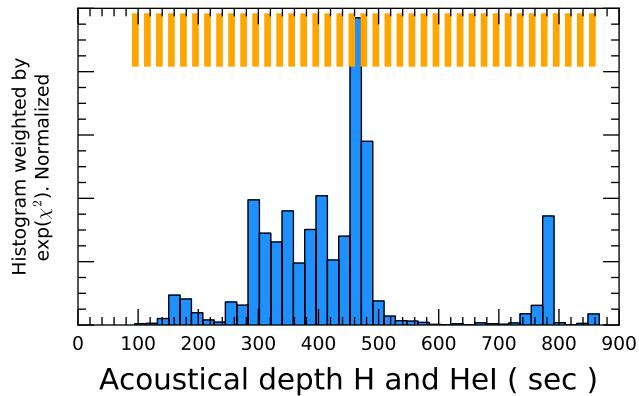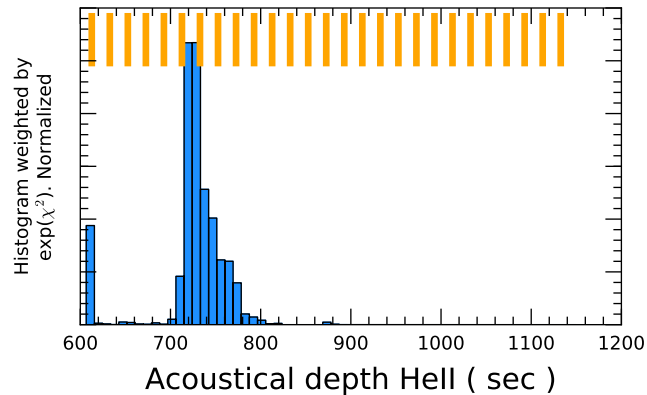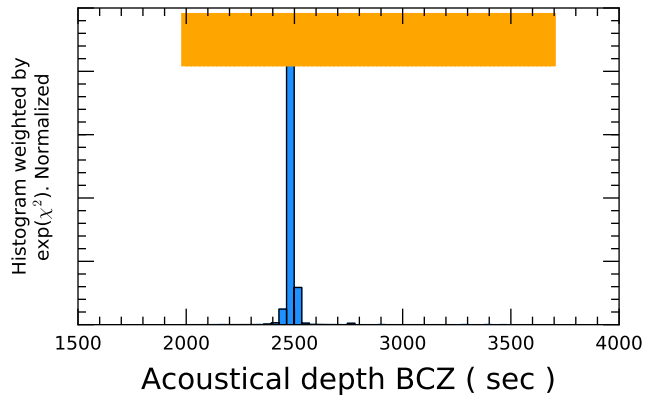Age after ZAMS: 5.110 Gyr; Number of combinations 73075; profile29

Age after ZAMS: 5.410 Gyr; Number of combinations 90720; profile30

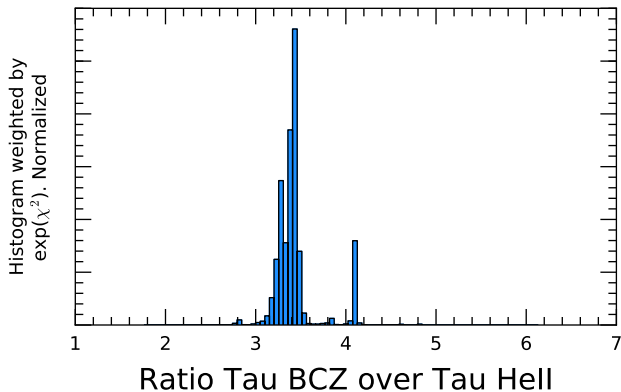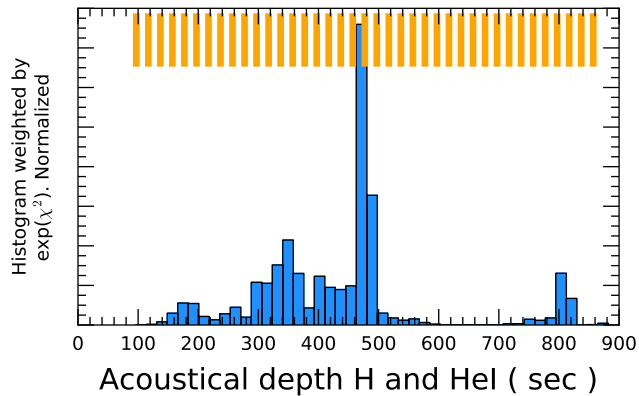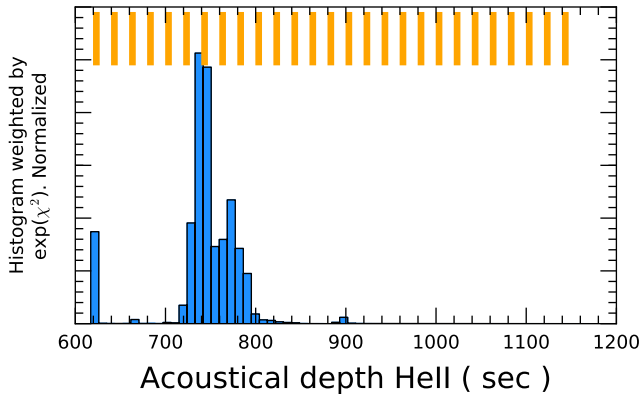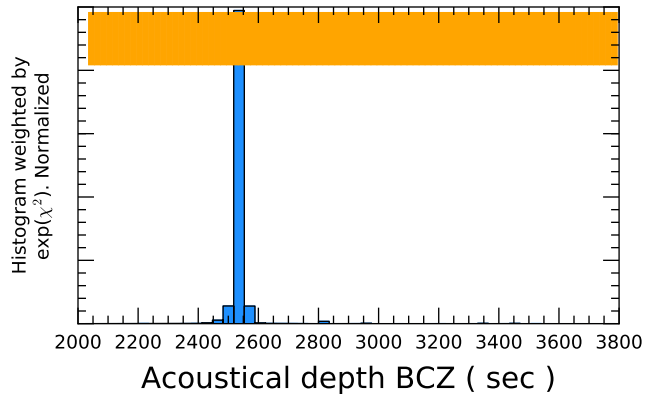Age after ZAMS: 5.710 Gyr; Number of combinations 95284; profile31
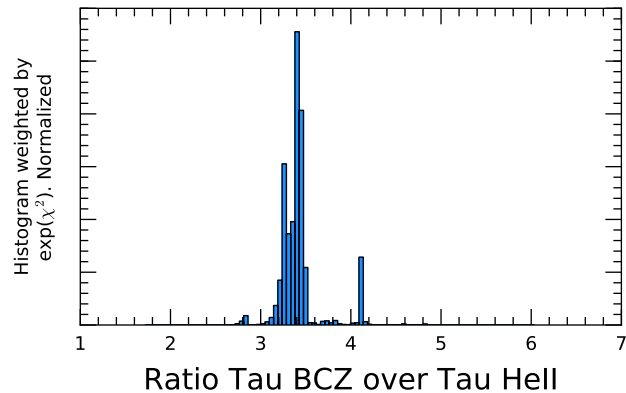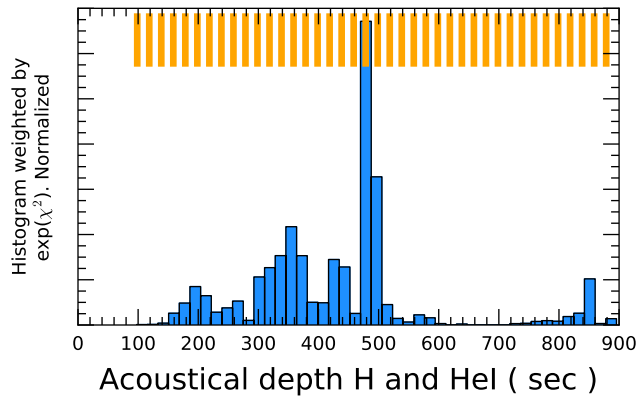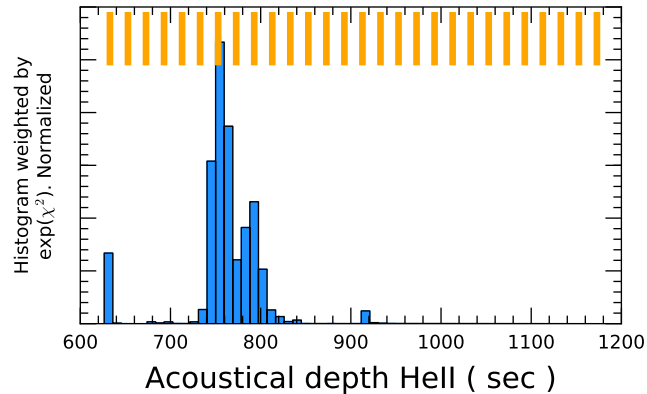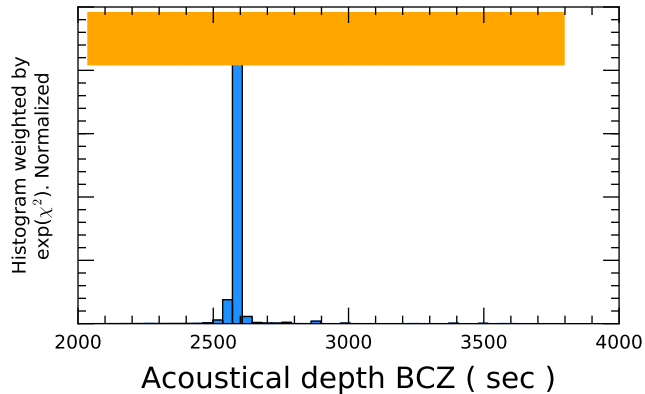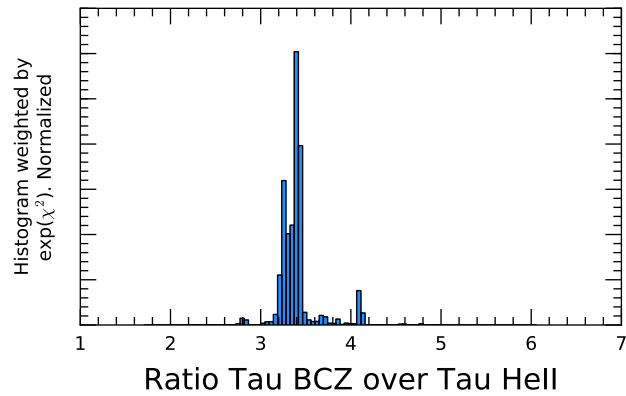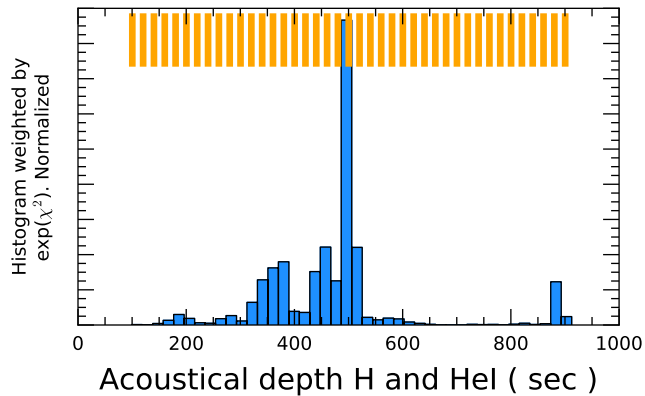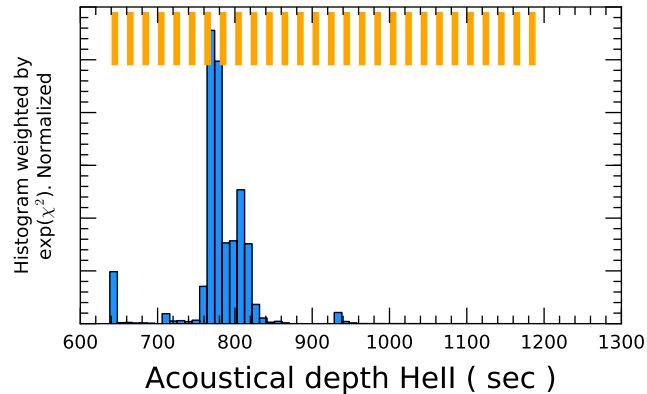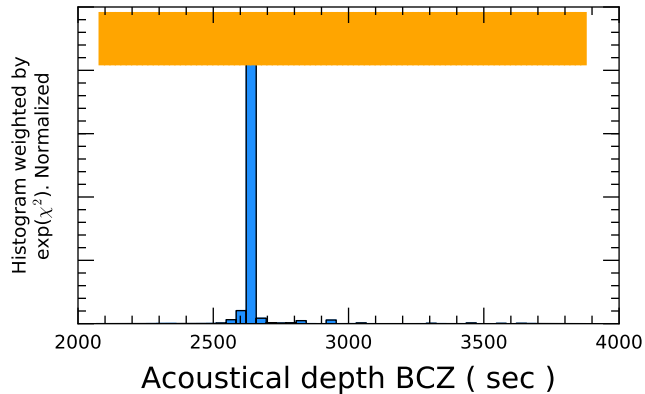
Age after ZAMS: 6.010 Gyr; Number of combinations 90558; profile32
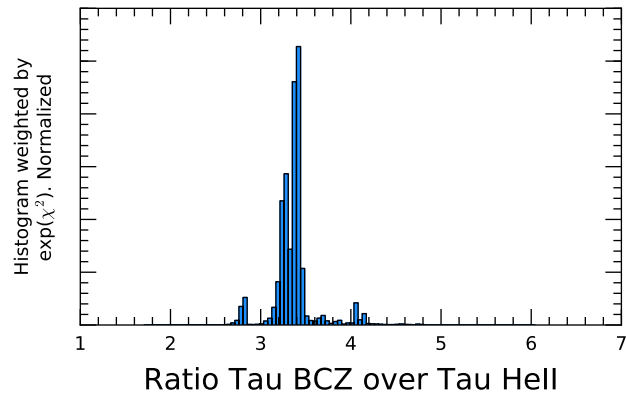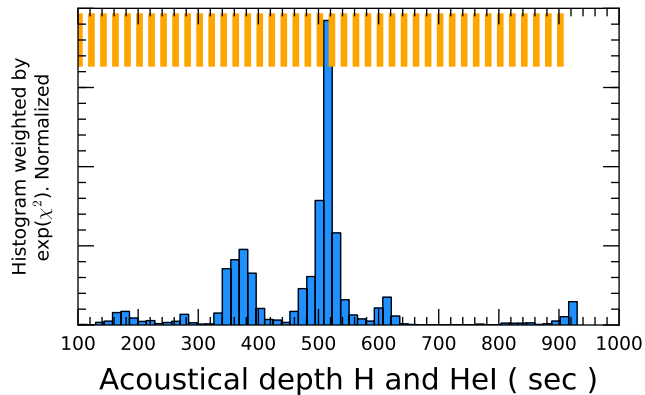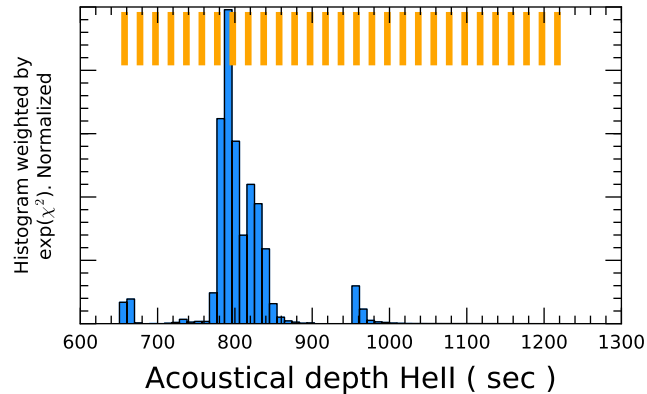
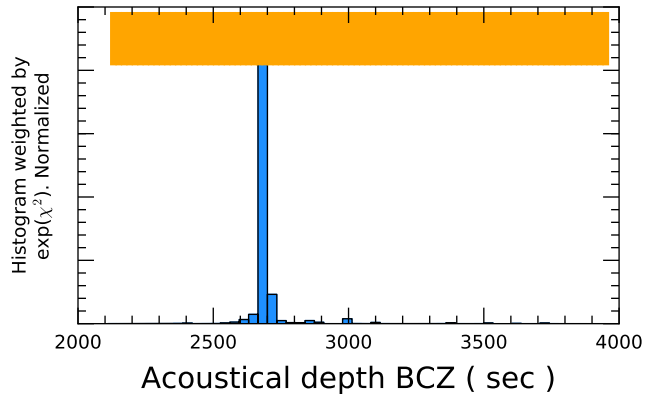Age after ZAMS: 6.310 Gyr; Number of combinations 92664; profile33
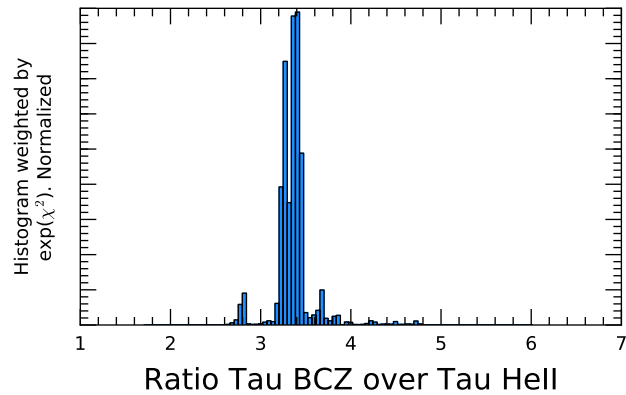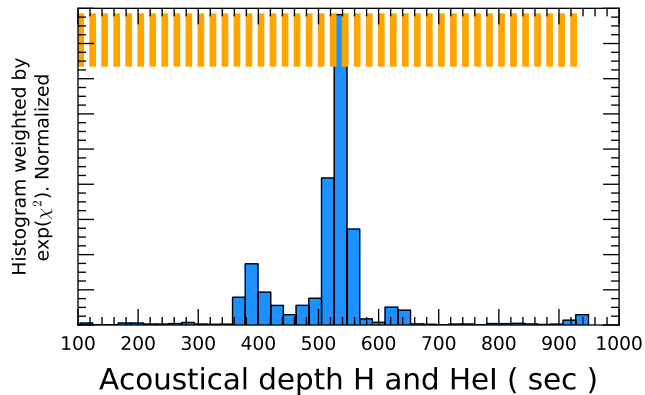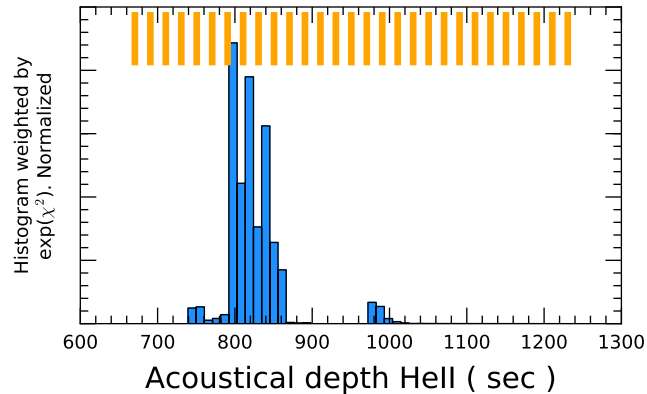
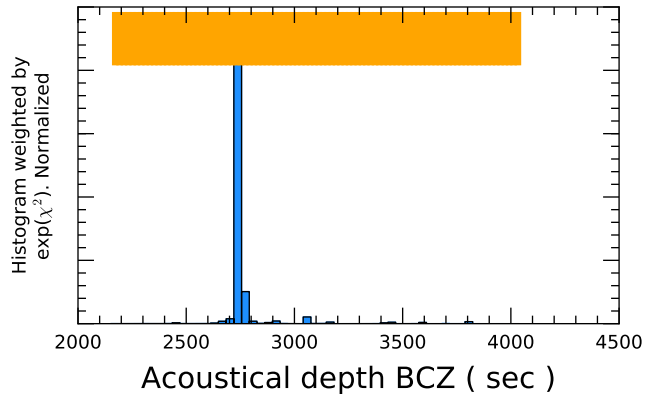Age after ZAMS: 6.610 Gyr; Number of combinations 98560; profile34

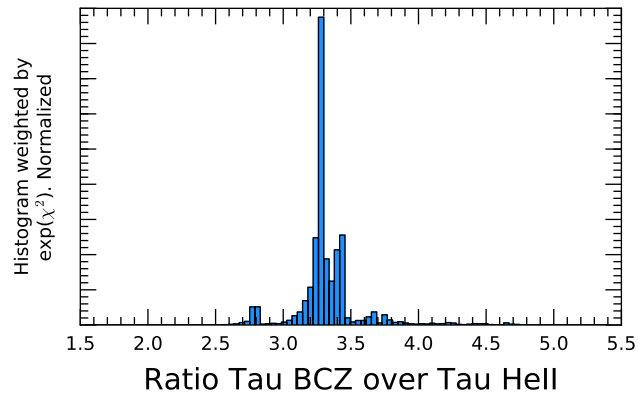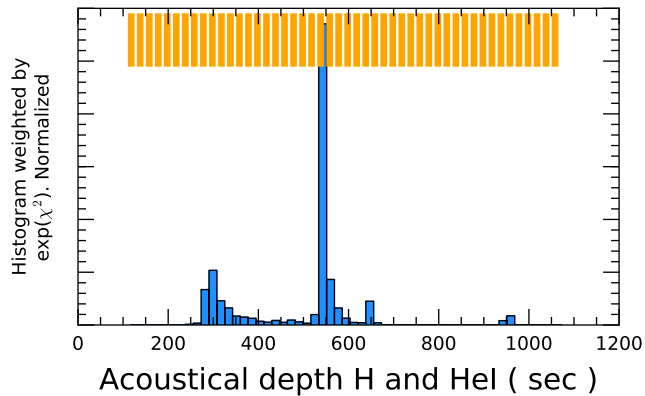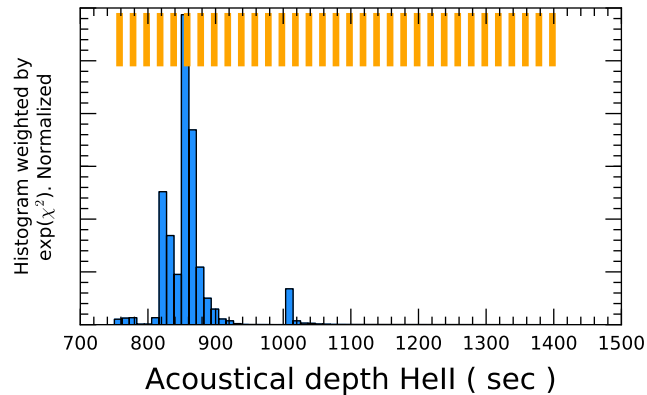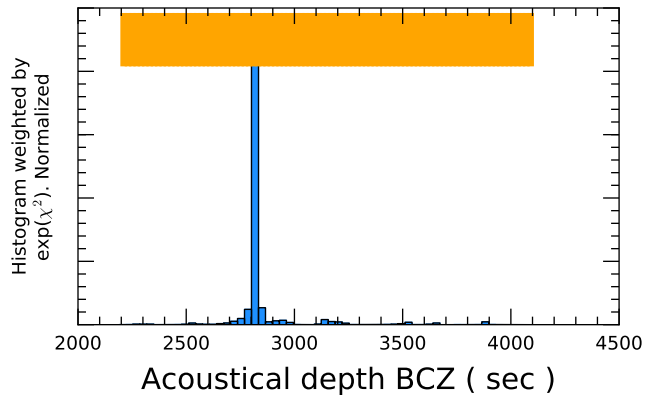Age after ZAMS: 6.910 Gyr; Number of combinations 103320; profile35

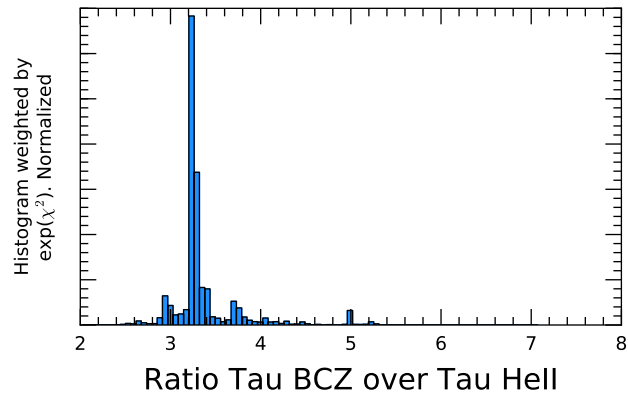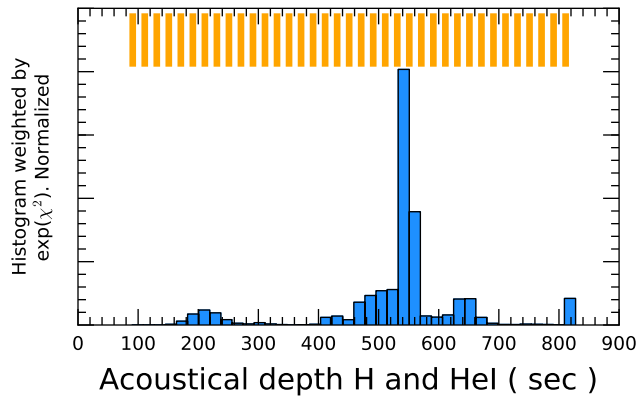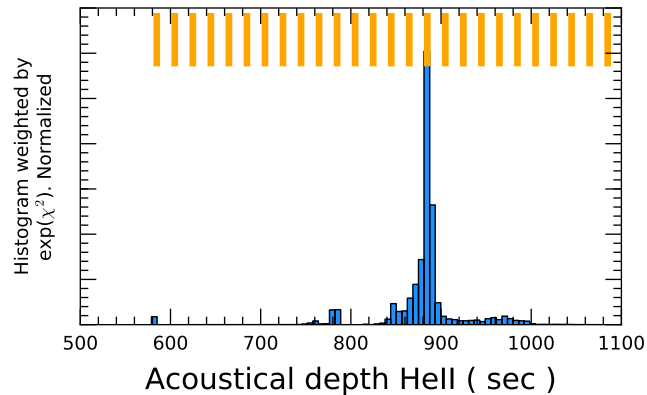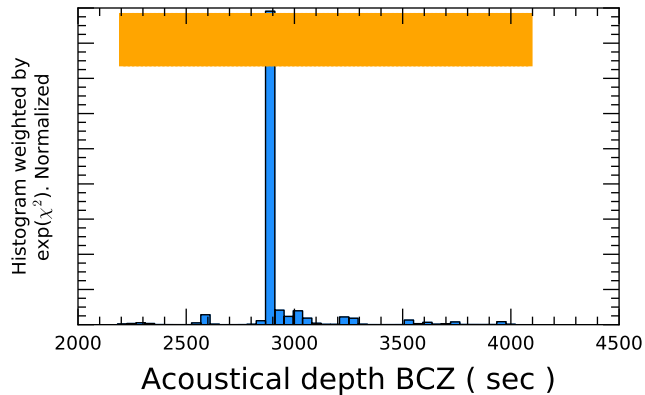Age after ZAMS: 7.210 Gyr; Number of combinations 109388; profile36

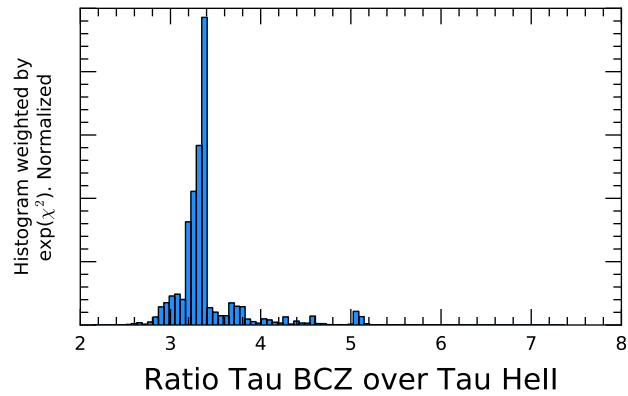Age after ZAMS: 7.510 Gyr; Number of combinations 114492; profile37
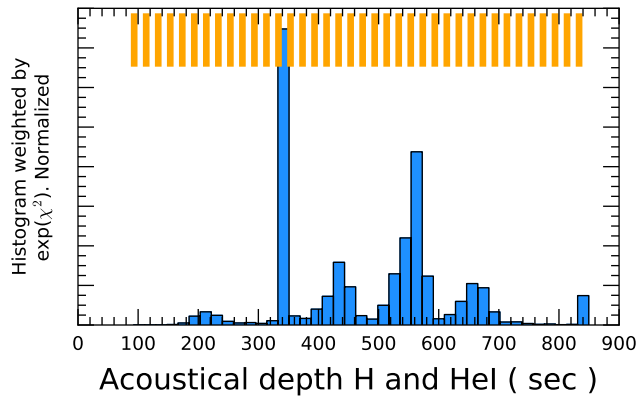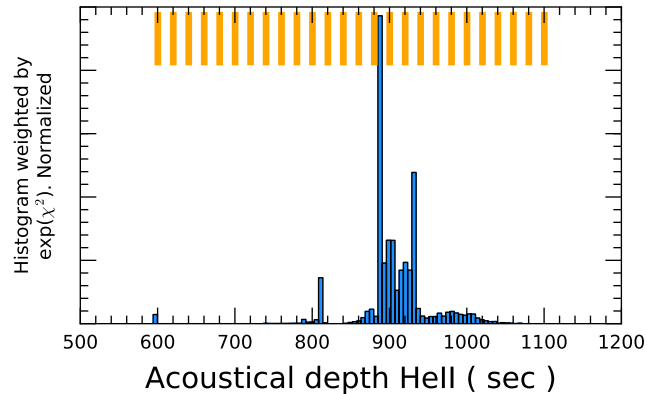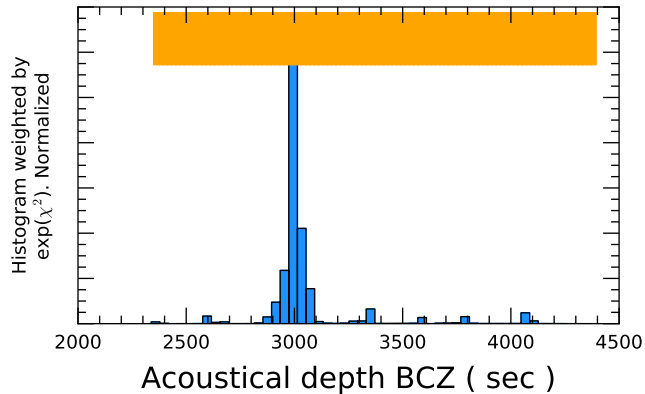
Age after ZAMS: 7.810 Gyr; Number of combinations 150480; profile38
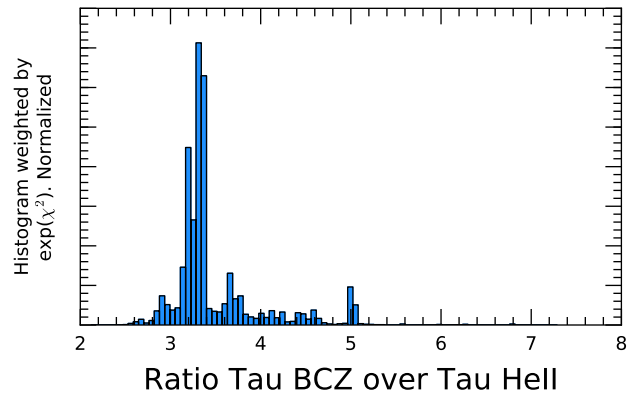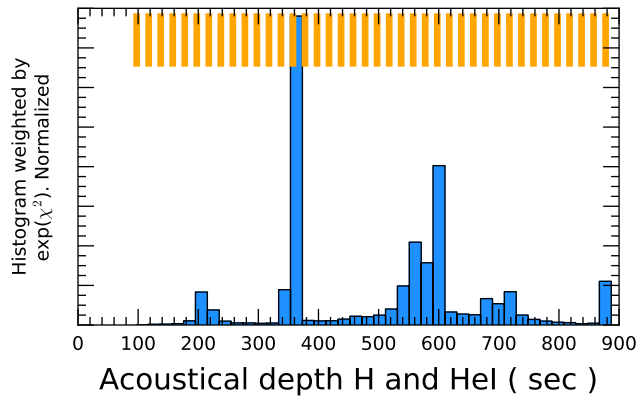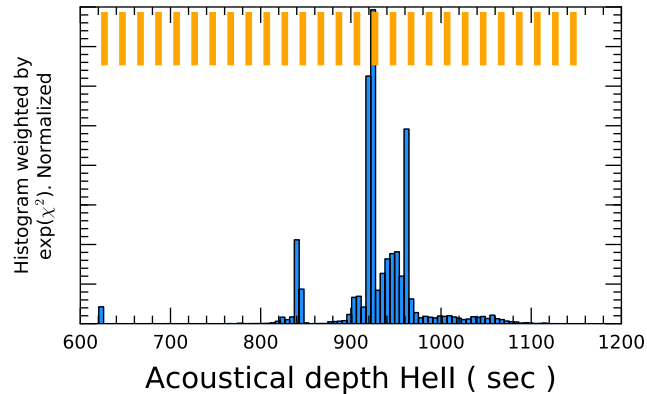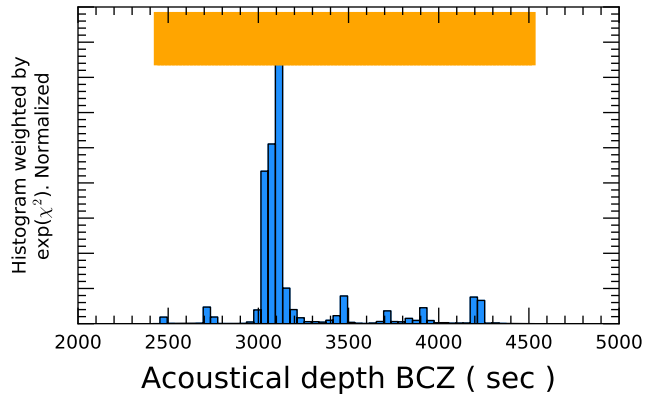
Age after ZAMS: 8.110 Gyr; Number of combinations 91390; profile39
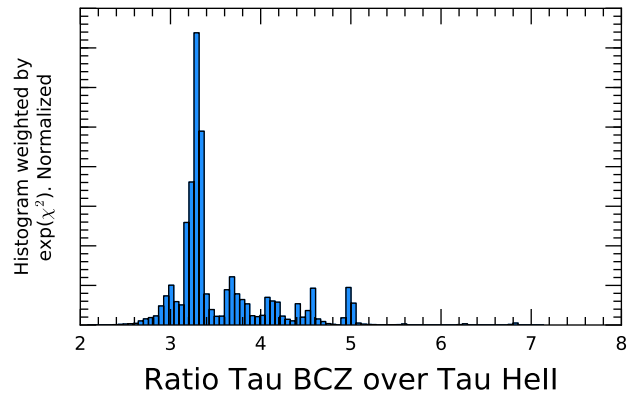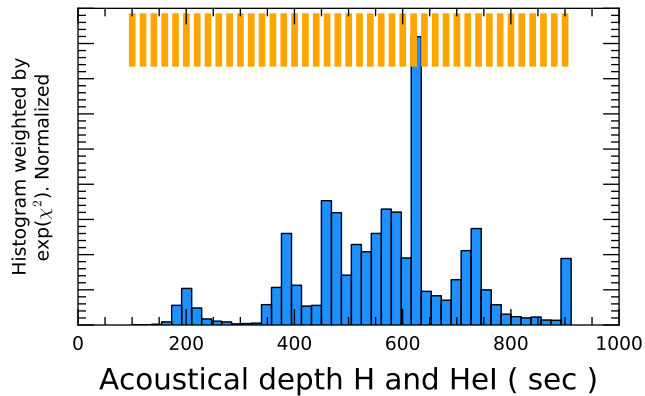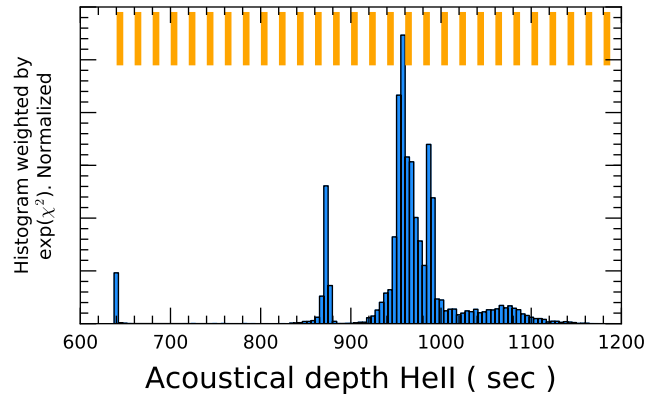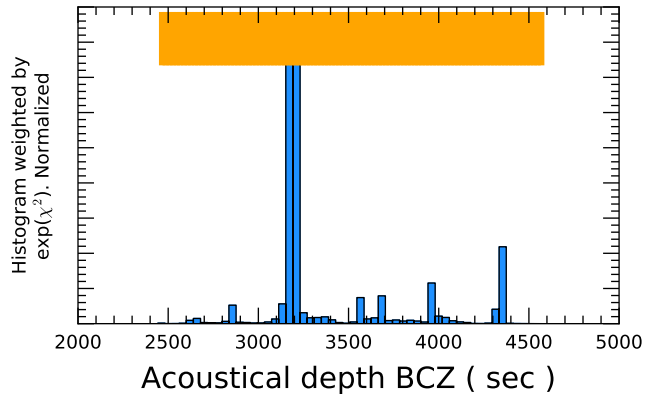
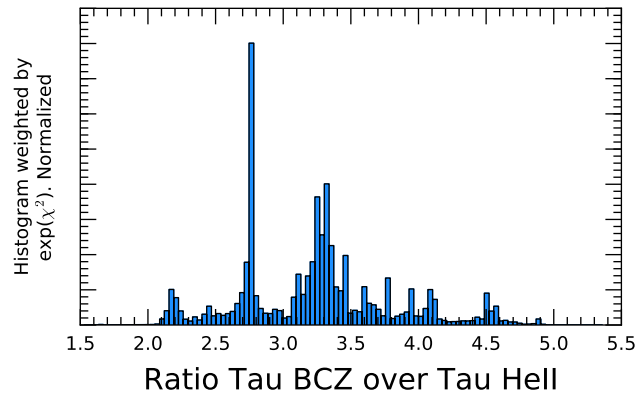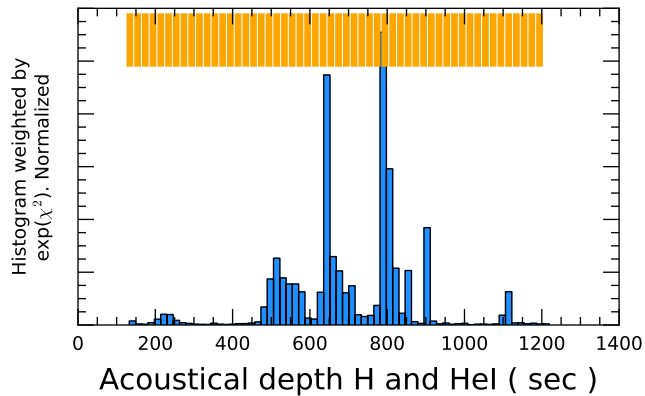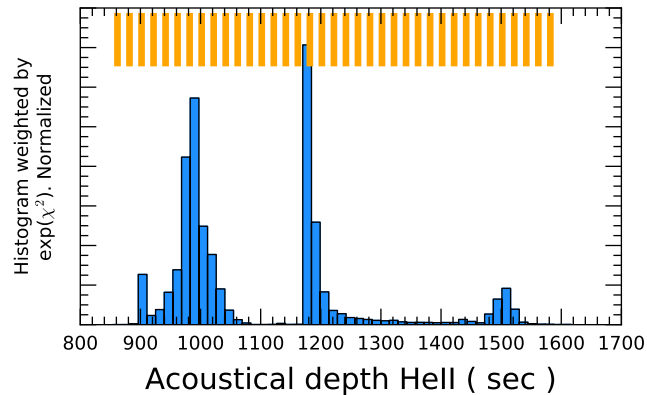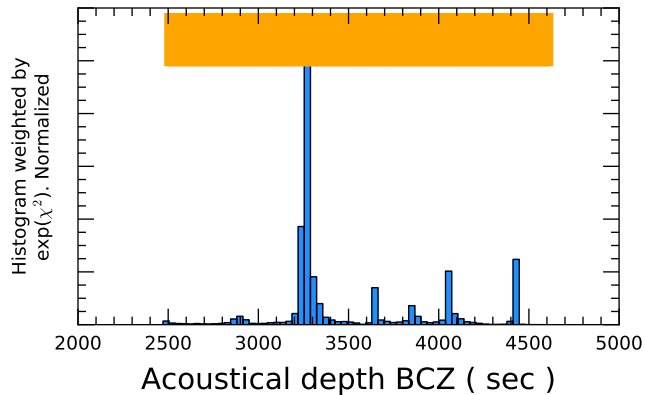Age after ZAMS: 8.410 Gyr; Number of combinations 100776; profile40

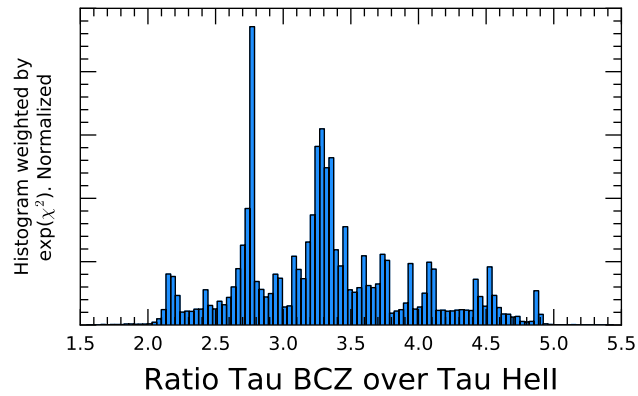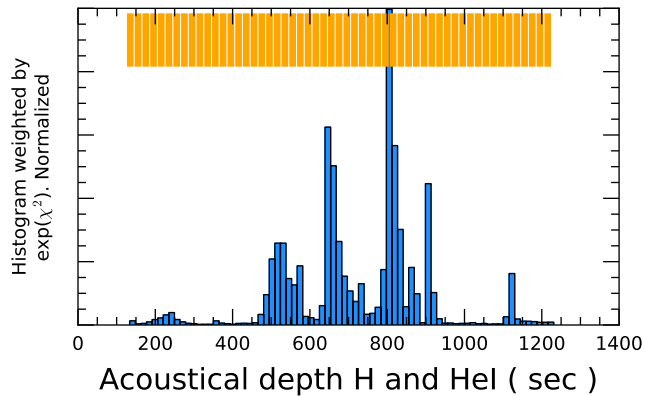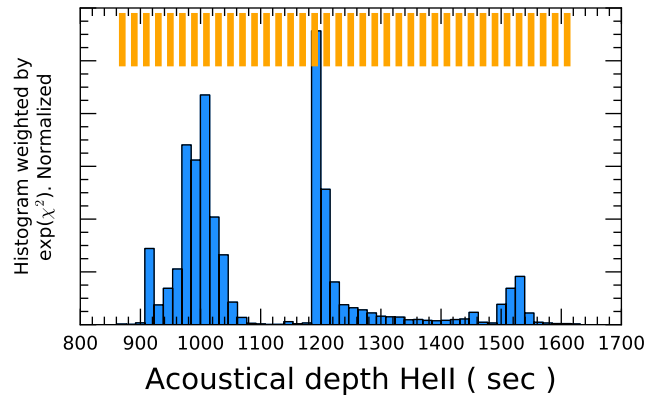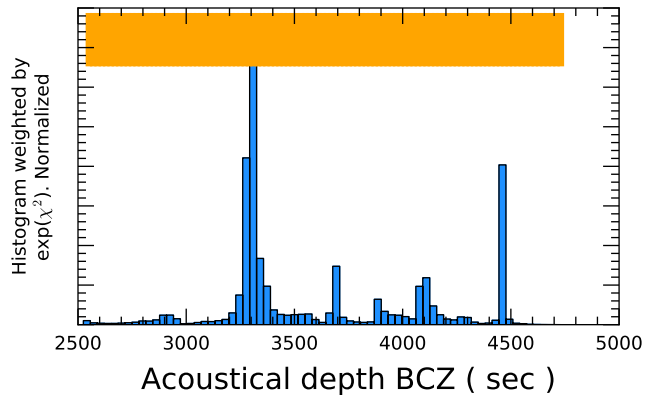Age after ZAMS: 8.708 Gyr; Number of combinations 113400; profile41

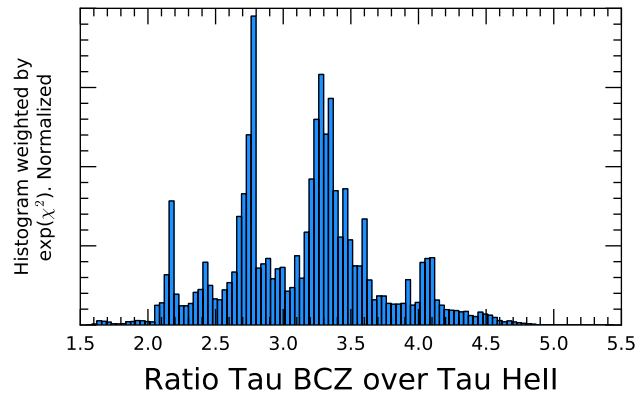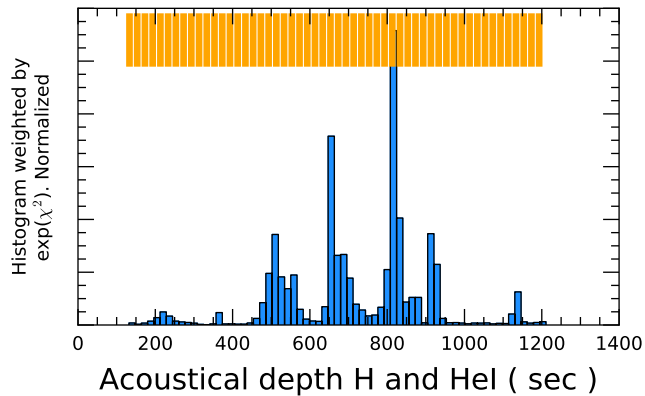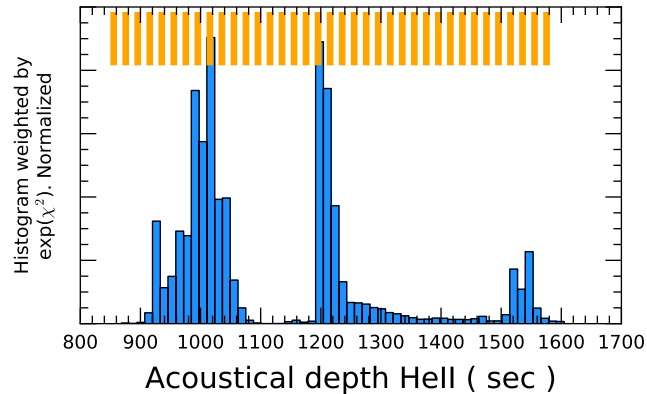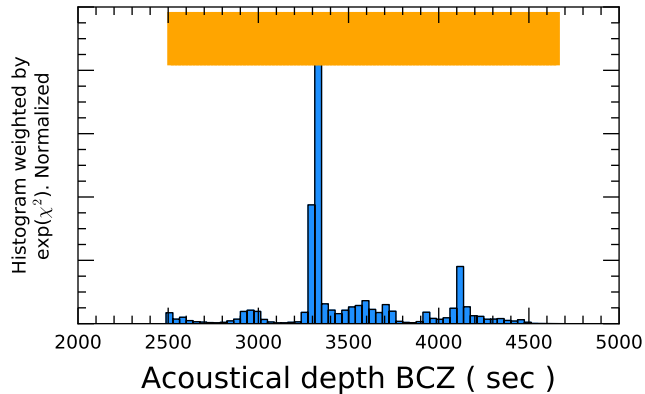Age after ZAMS: 8.972 Gyr; Number of combinations 121688; profile42

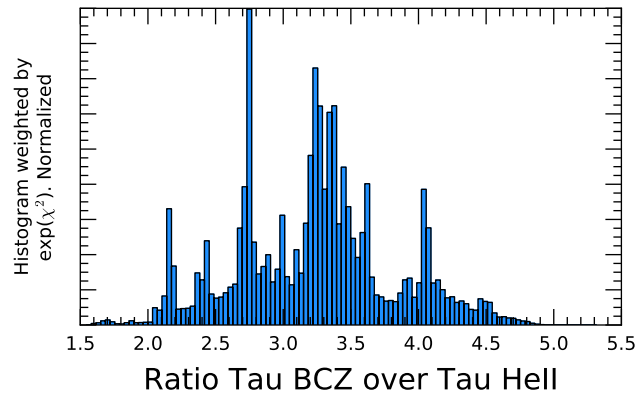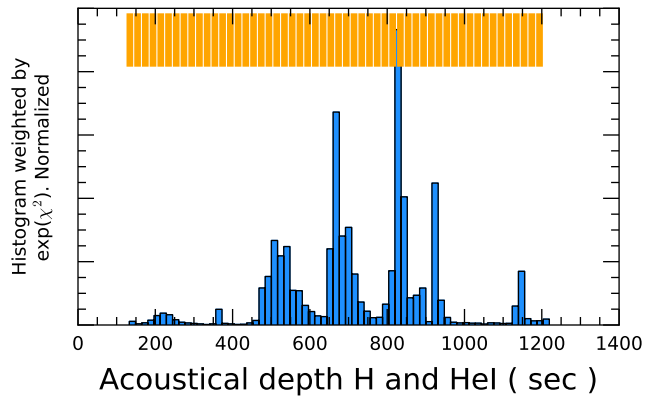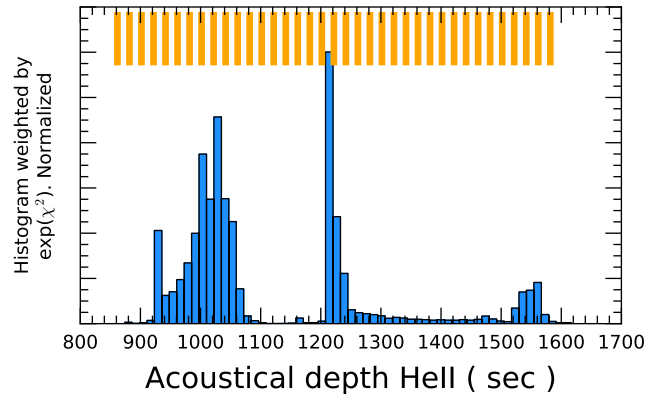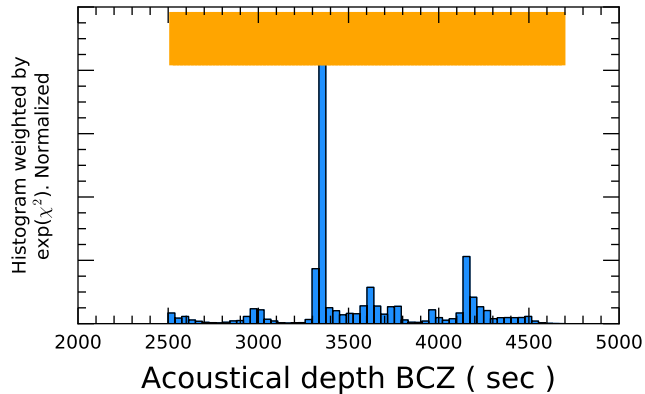Age after ZAMS: 9.117 Gyr; Number of combinations 213786; profile43

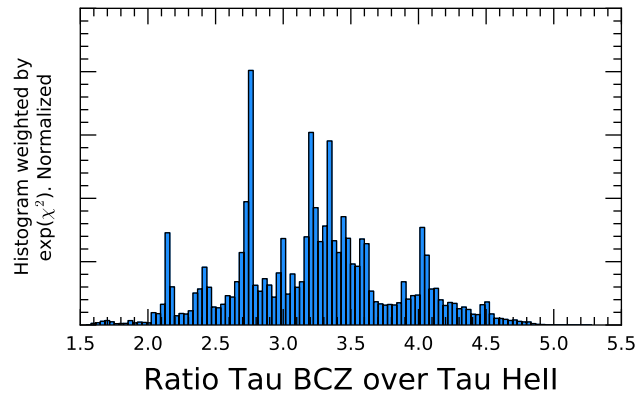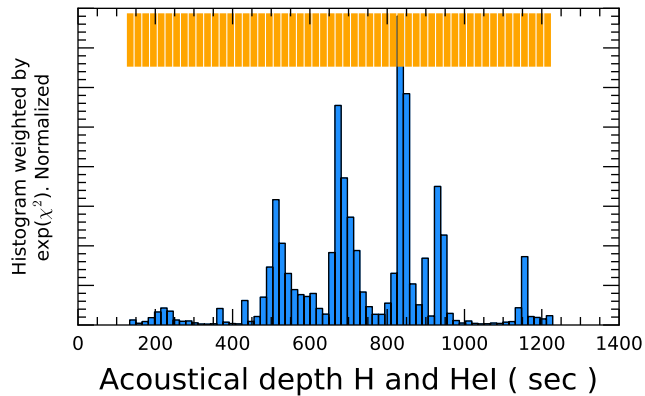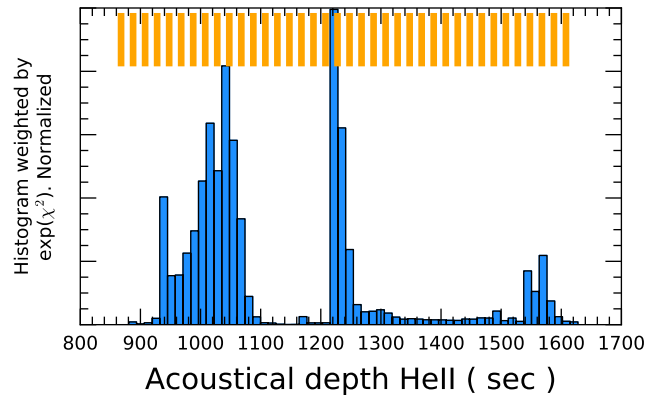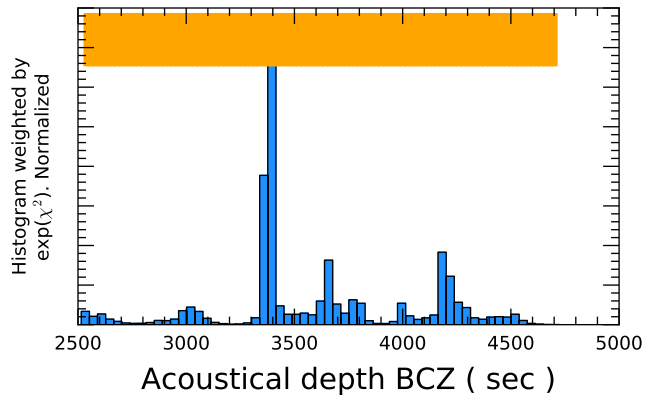Age after ZAMS: 9.197 Gyr; Number of combinations 229900; profile44

Age after ZAMS: 9.260 Gyr; Number of combinations 215784; profile45
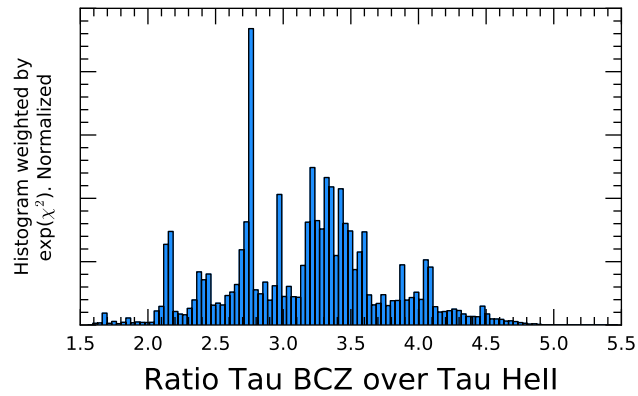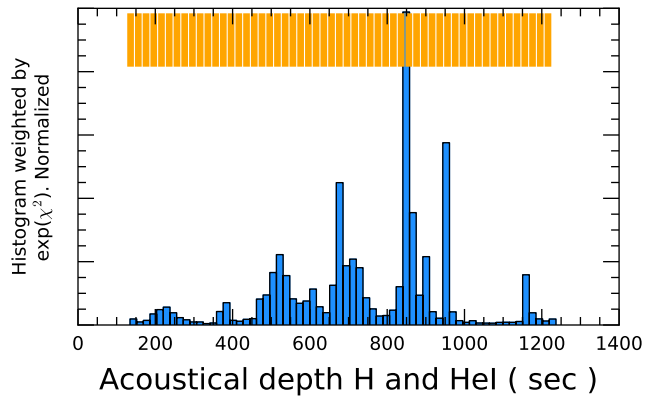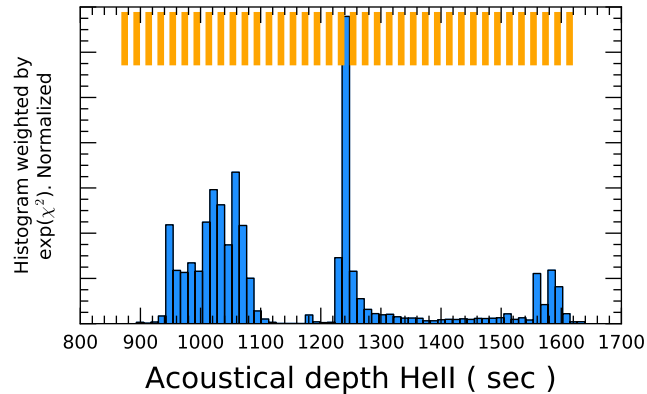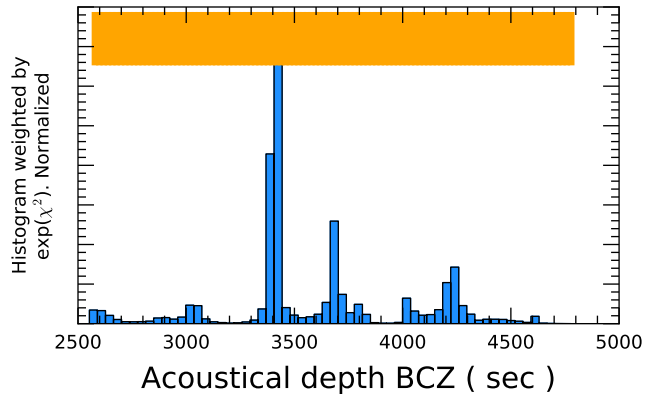
Age after ZAMS: 9.319 Gyr; Number of combinations 217782; profile46

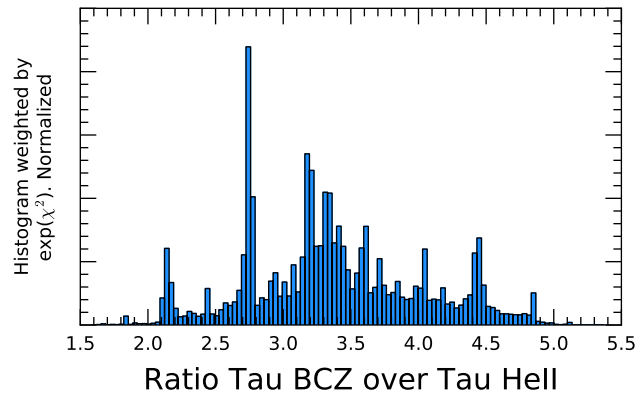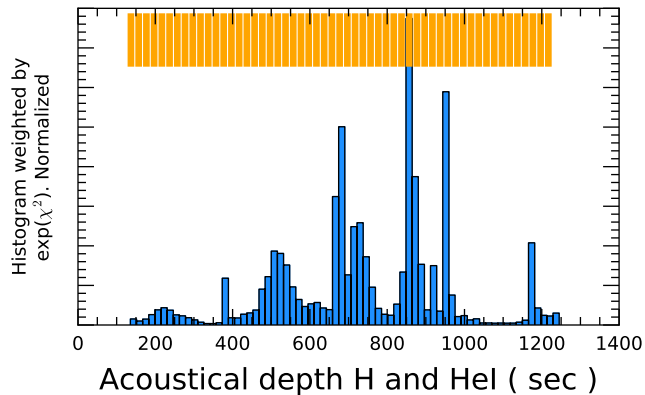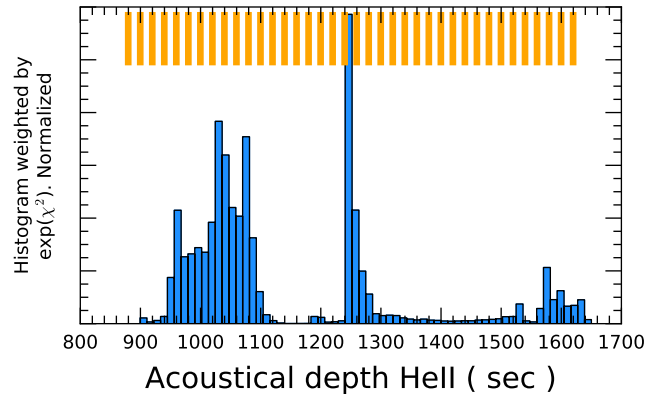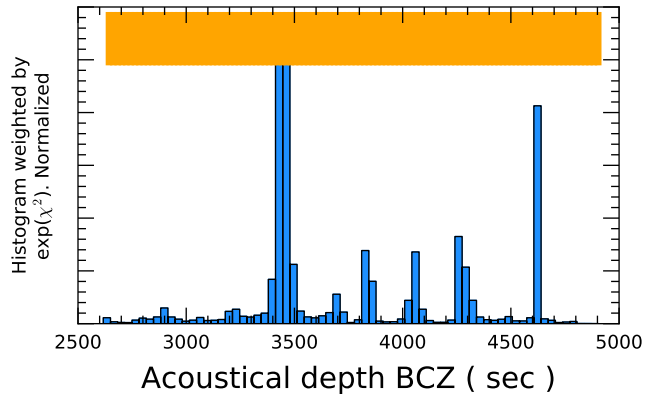Age after ZAMS: 9.376 Gyr; Number of combinations 227810; profile47
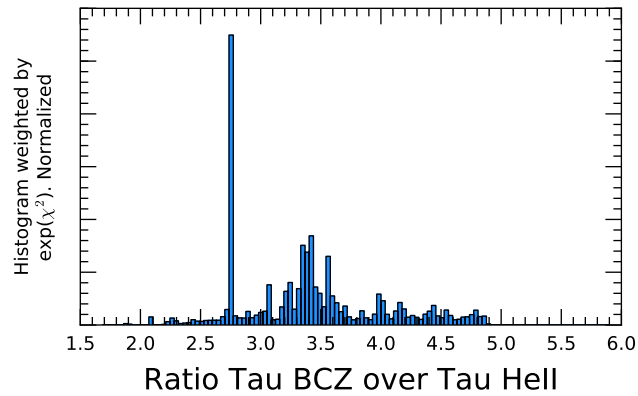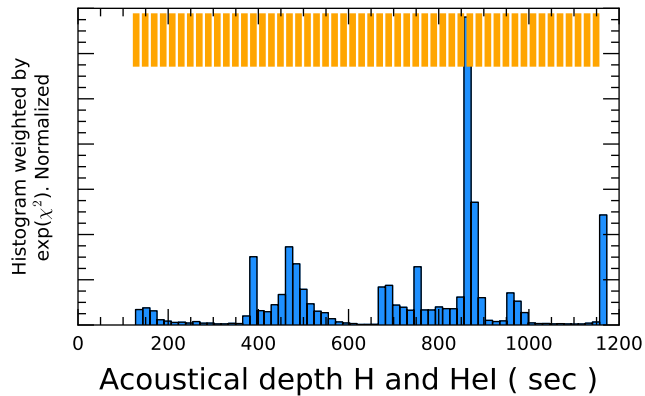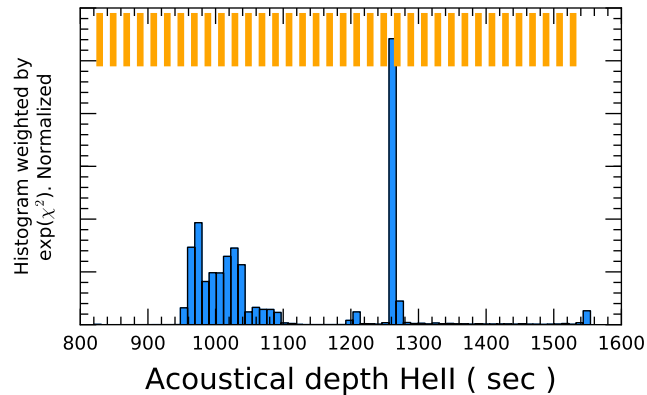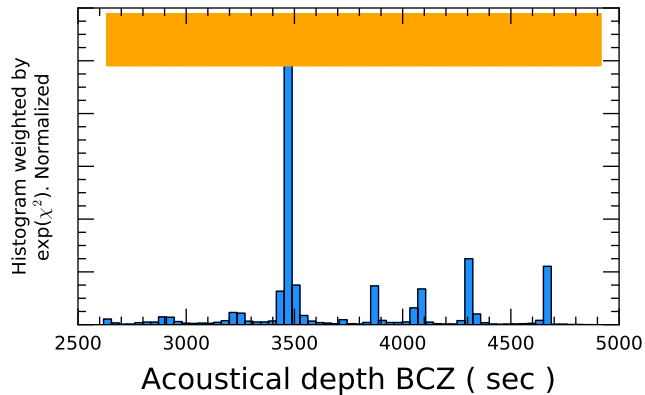
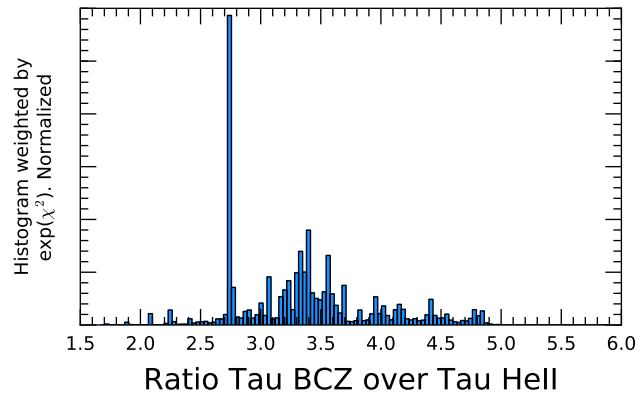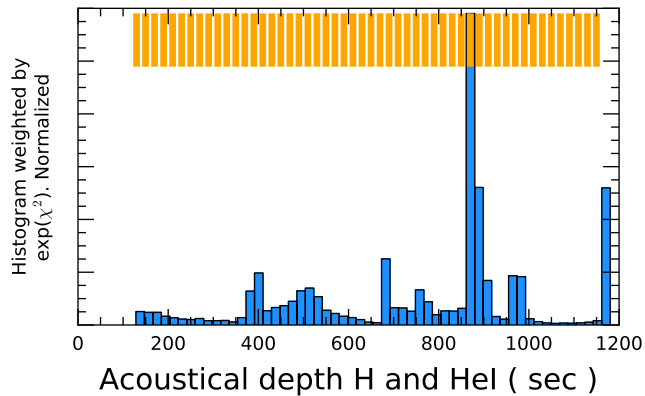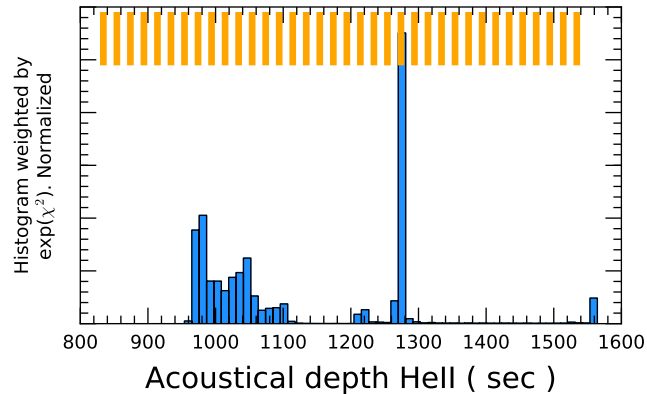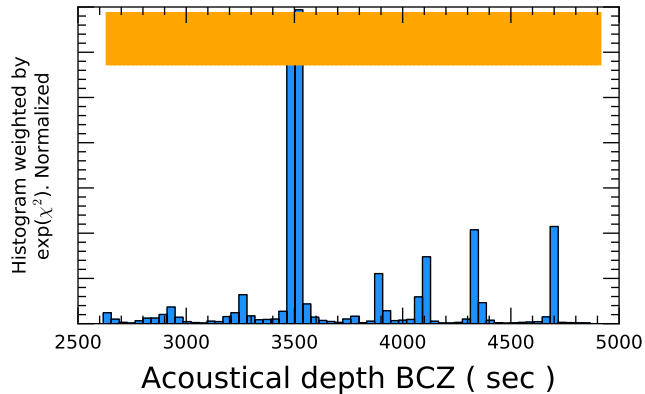Age after ZAMS: 9.430 Gyr; Number of combinations 231990; profile48

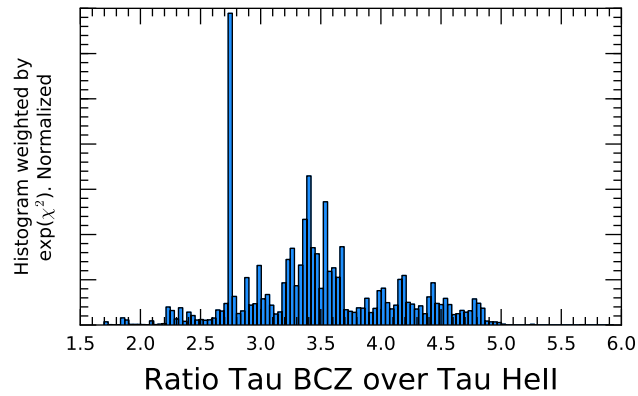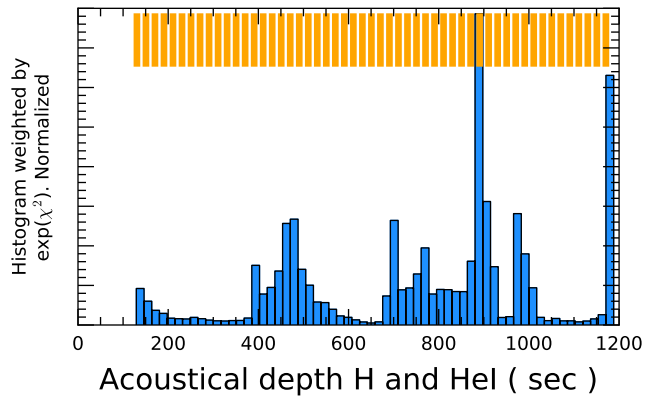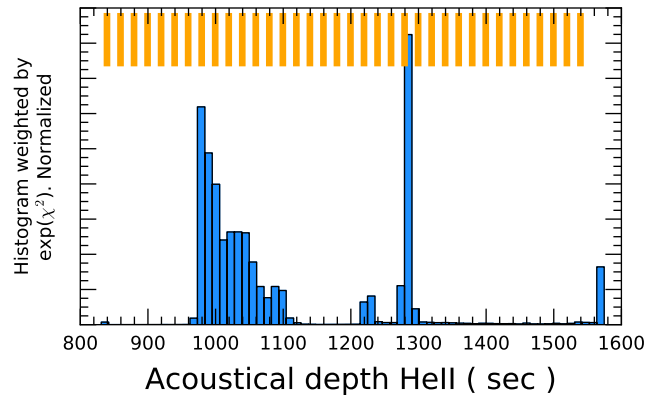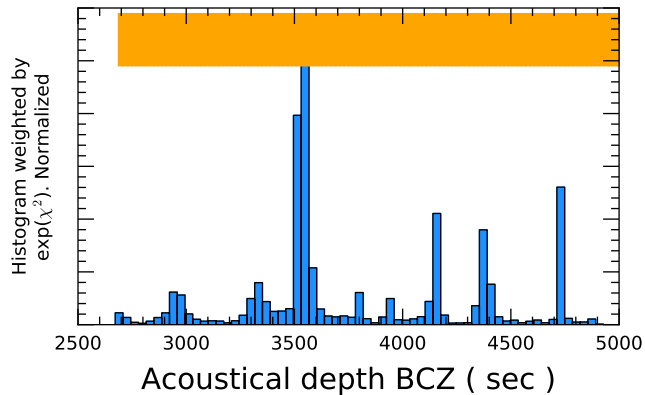Age after ZAMS: 9.483 Gyr; Number of combinations 238260; profile49

Age after ZAMS: 9.533 Gyr; Number of combinations 213408; profile50

Age after ZAMS: 9.581 Gyr; Number of combinations 213408; profile51

Age after ZAMS: 9.627 Gyr; Number of combinations 221328; profile52

Age after ZAMS: 9.657 Gyr; Number of combinations 174464; profile53