APPENDIX A:
Plotted Beach Profiles

This appendix contains plots of selected measured beach profiles from monitoring station -018+72 to 284+80, Bald Head Island, N.C. Stations locations are graphically depicted in **Figure 2.1** and listed in **Table 2.2**. Station coordinates are referenced to the North Carolina State Plane Coordinate System, North American Datum of 1983 (NAD83). Elevations are referenced to the National Geodetic Vertical Datum of 1929 (NGVD29). The monitoring surveys collected since November 1999 are summarized in **Table 2.2**.

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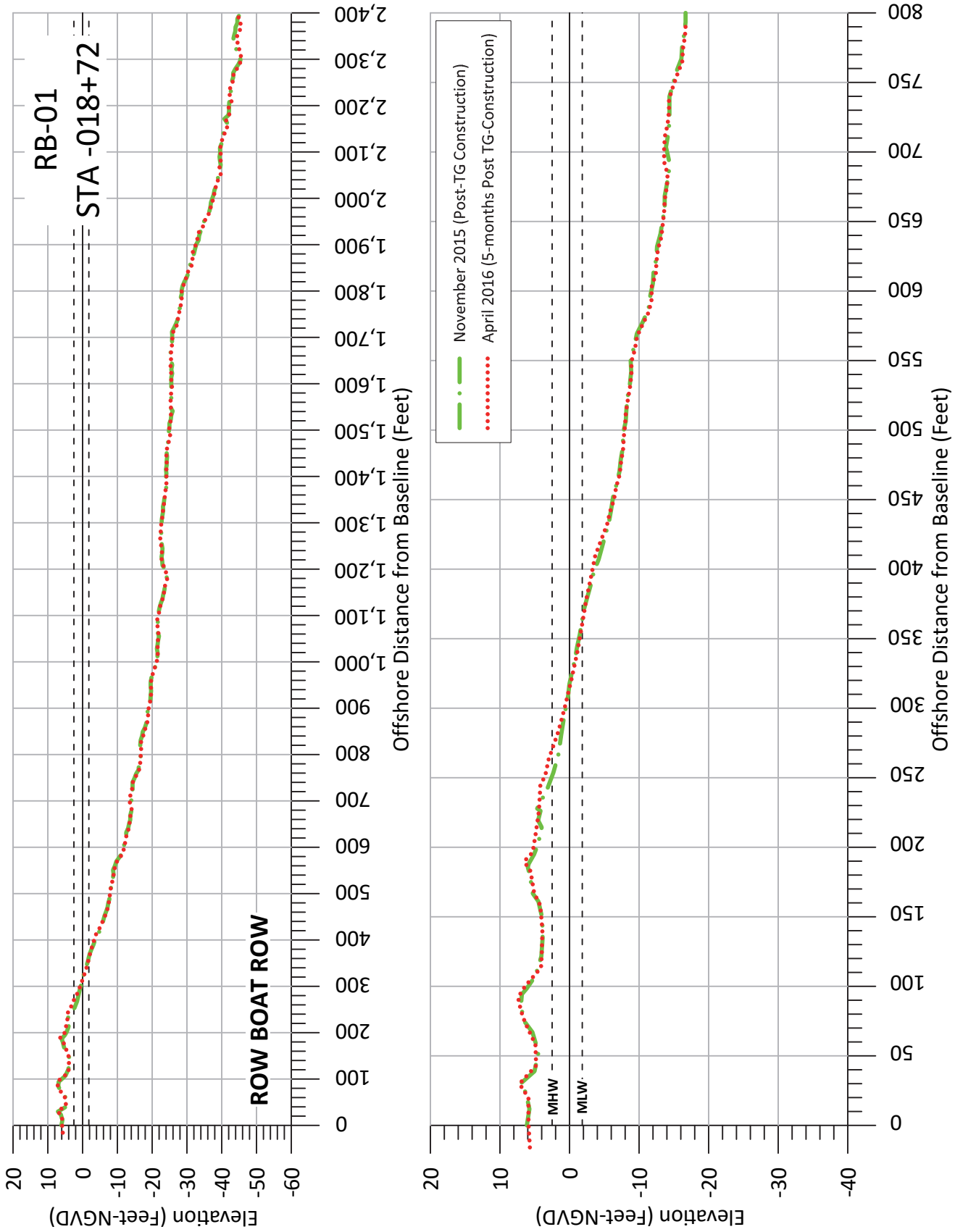

Figure A-01: Measured beach profiles at baseline **Station -018+72**, Bald Head Island, N.C.

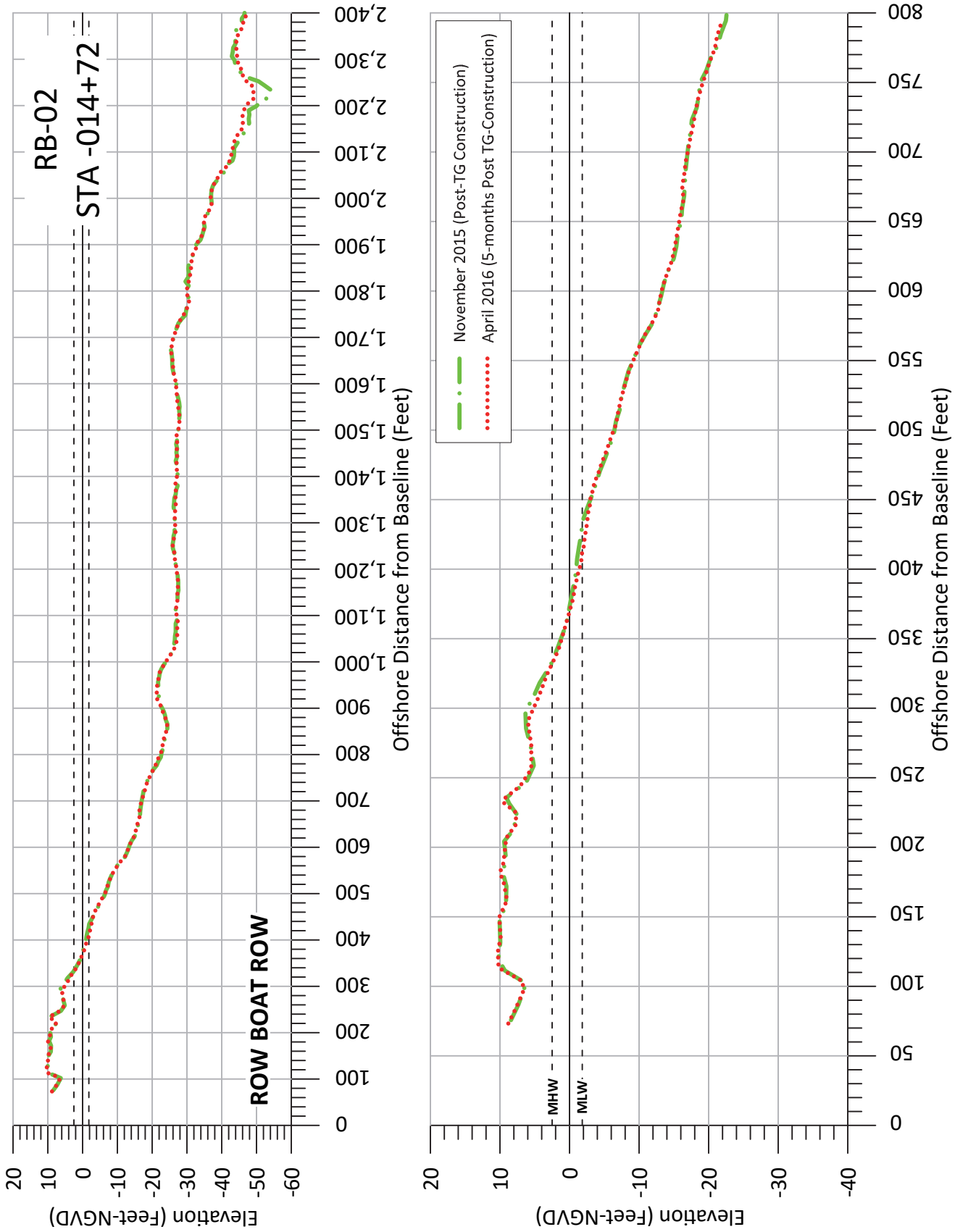

Figure A-02: Measured beach profiles at baseline **Station -014+72**, Bald Head Island, N.C.

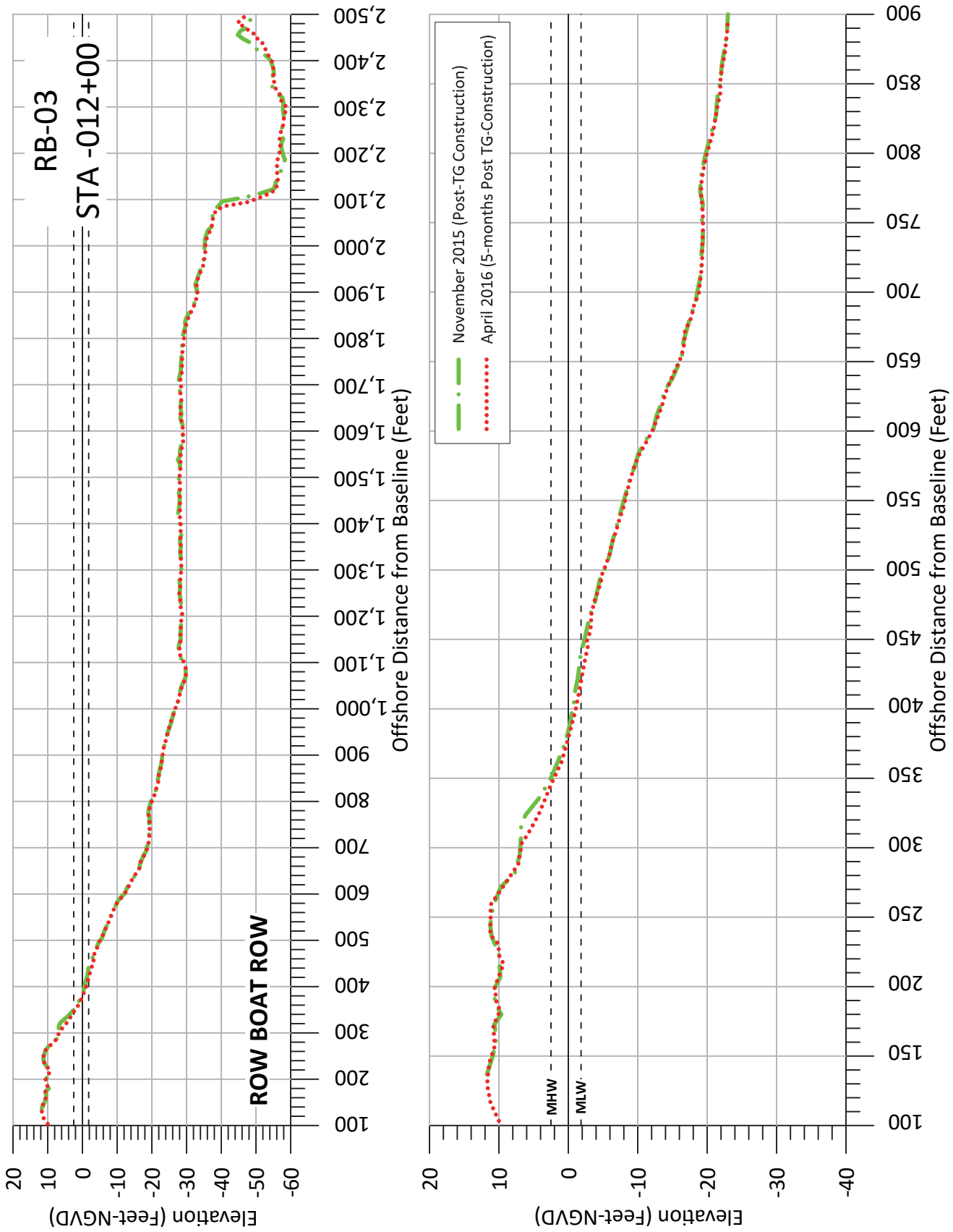

Figure A-03: Measured beach profiles at baseline **Station -012+00**, Bald Head Island, N.C.

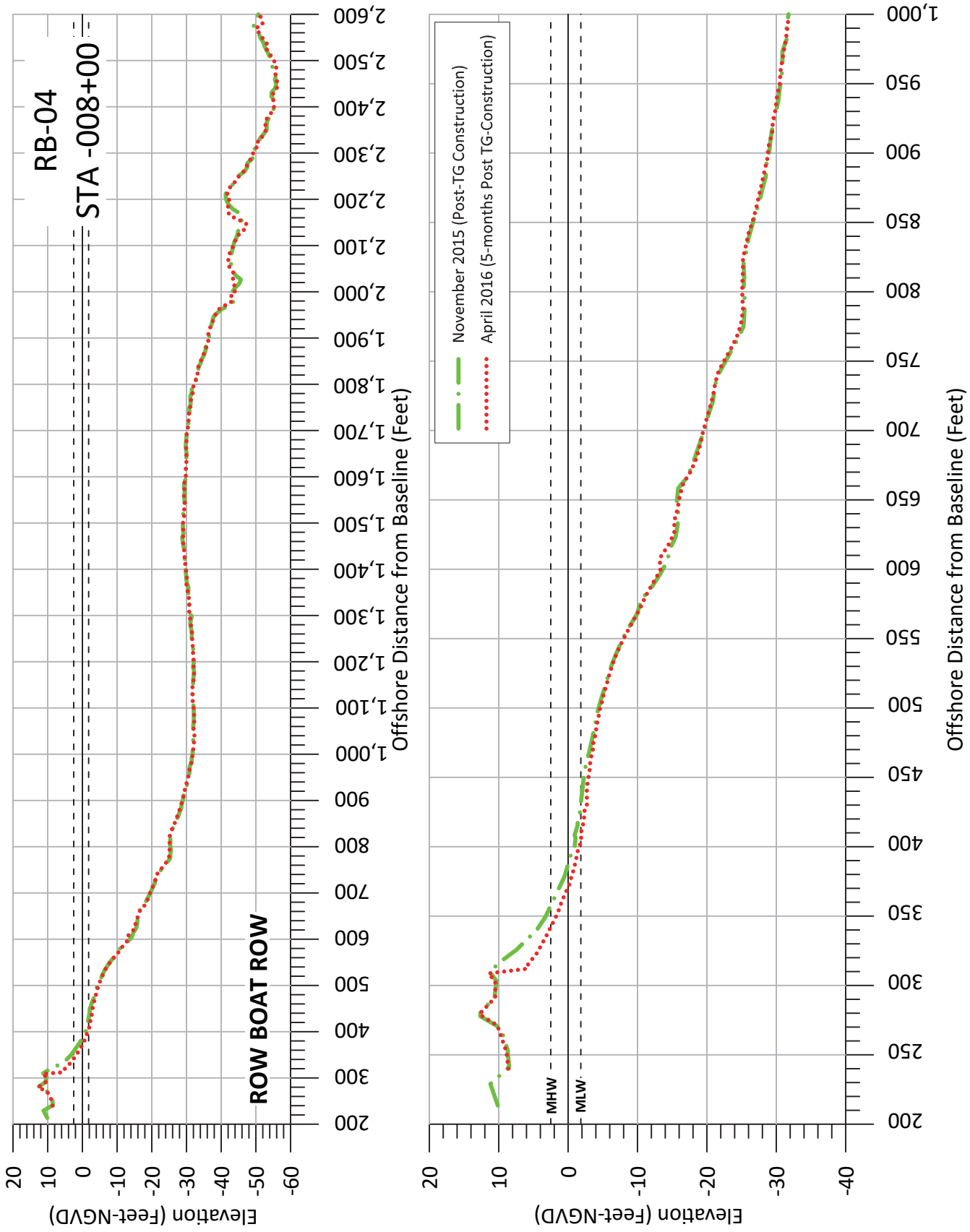

Figure A-04: Measured beach profiles at baseline **Station -008+00**, Bald Head Island, N.C.

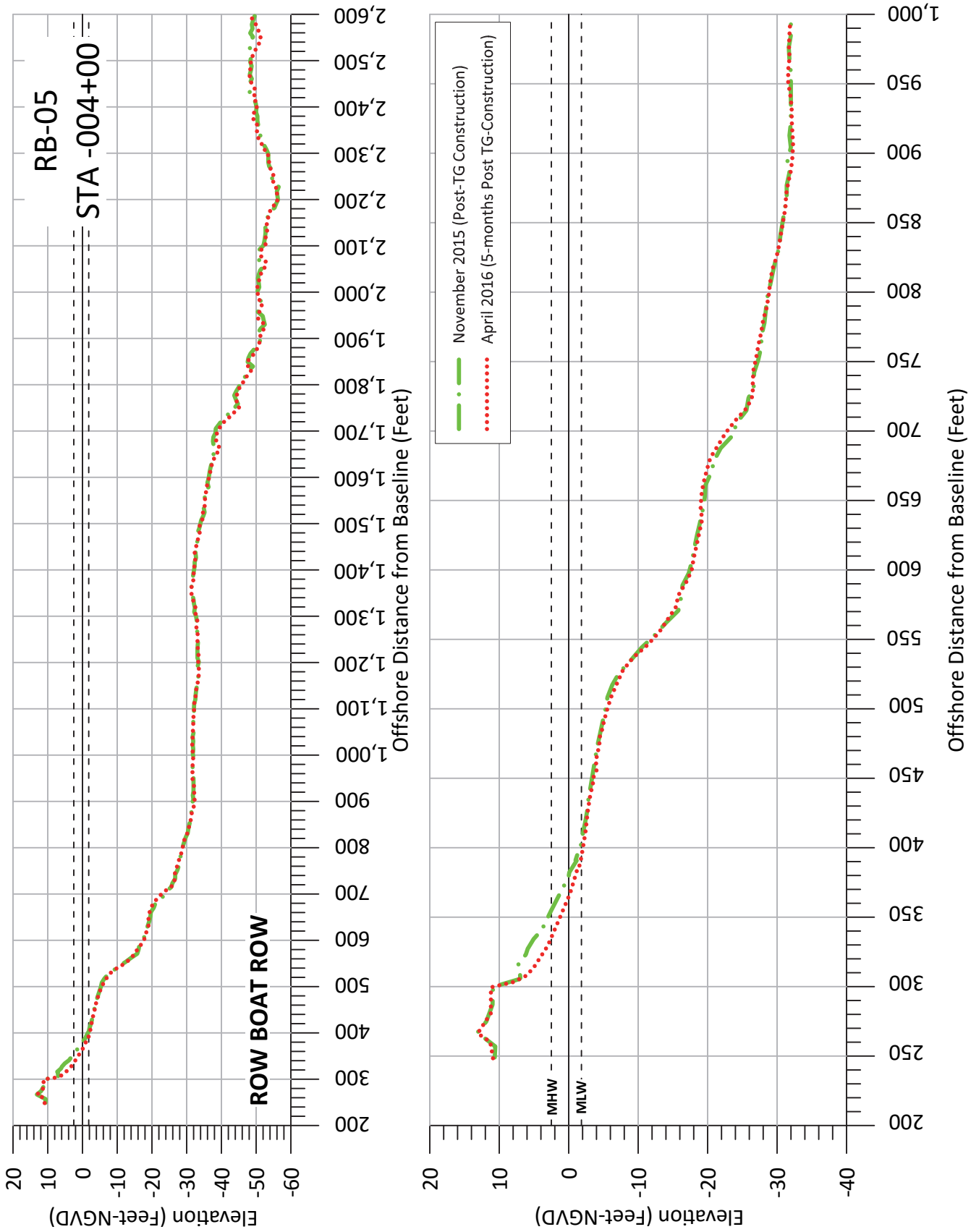

Figure A-05: Measured beach profiles at baseline **Station -004+00**, Bald Head Island, N.C.

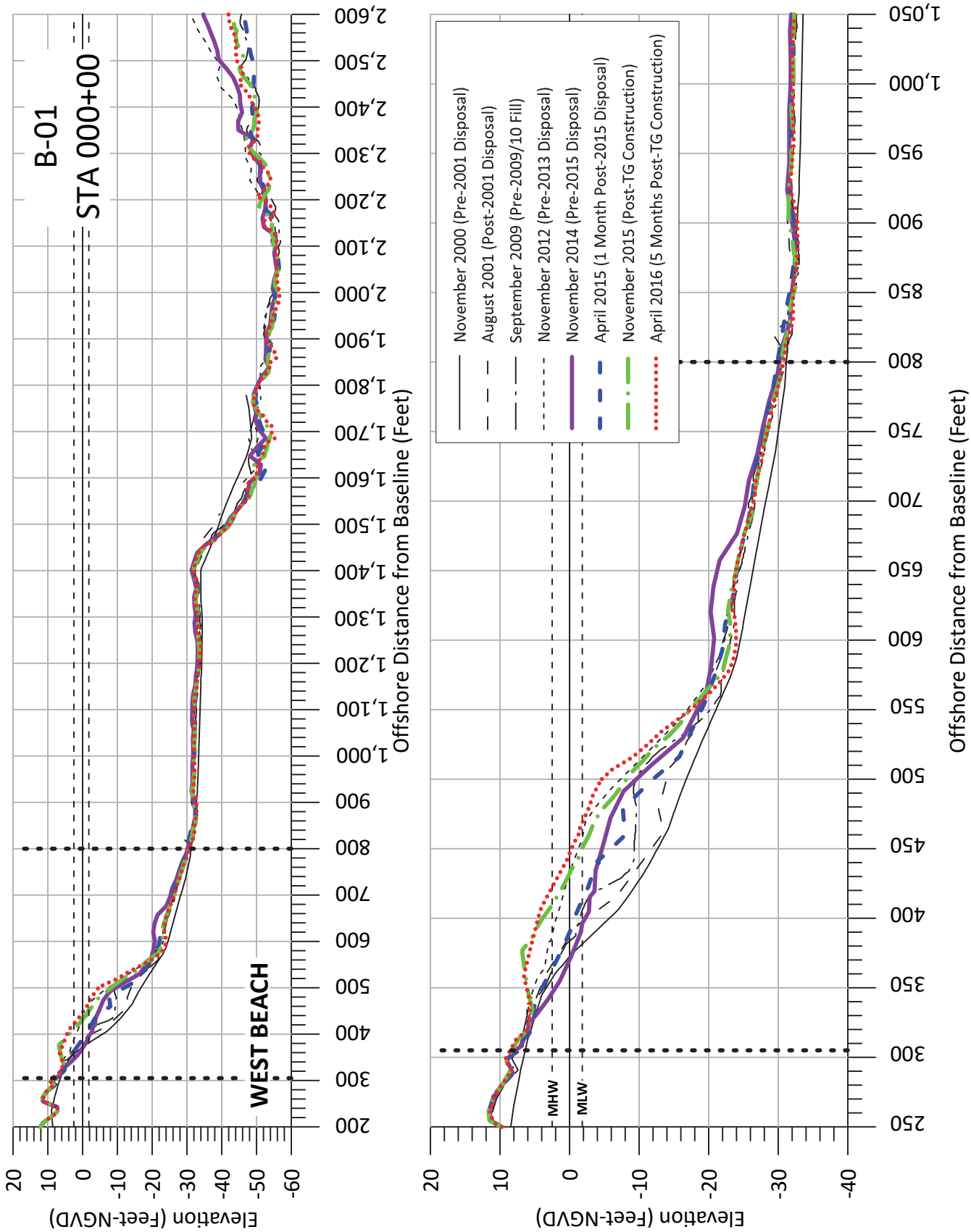

Figure A-06: Measured beach profiles at baseline **Station 000+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

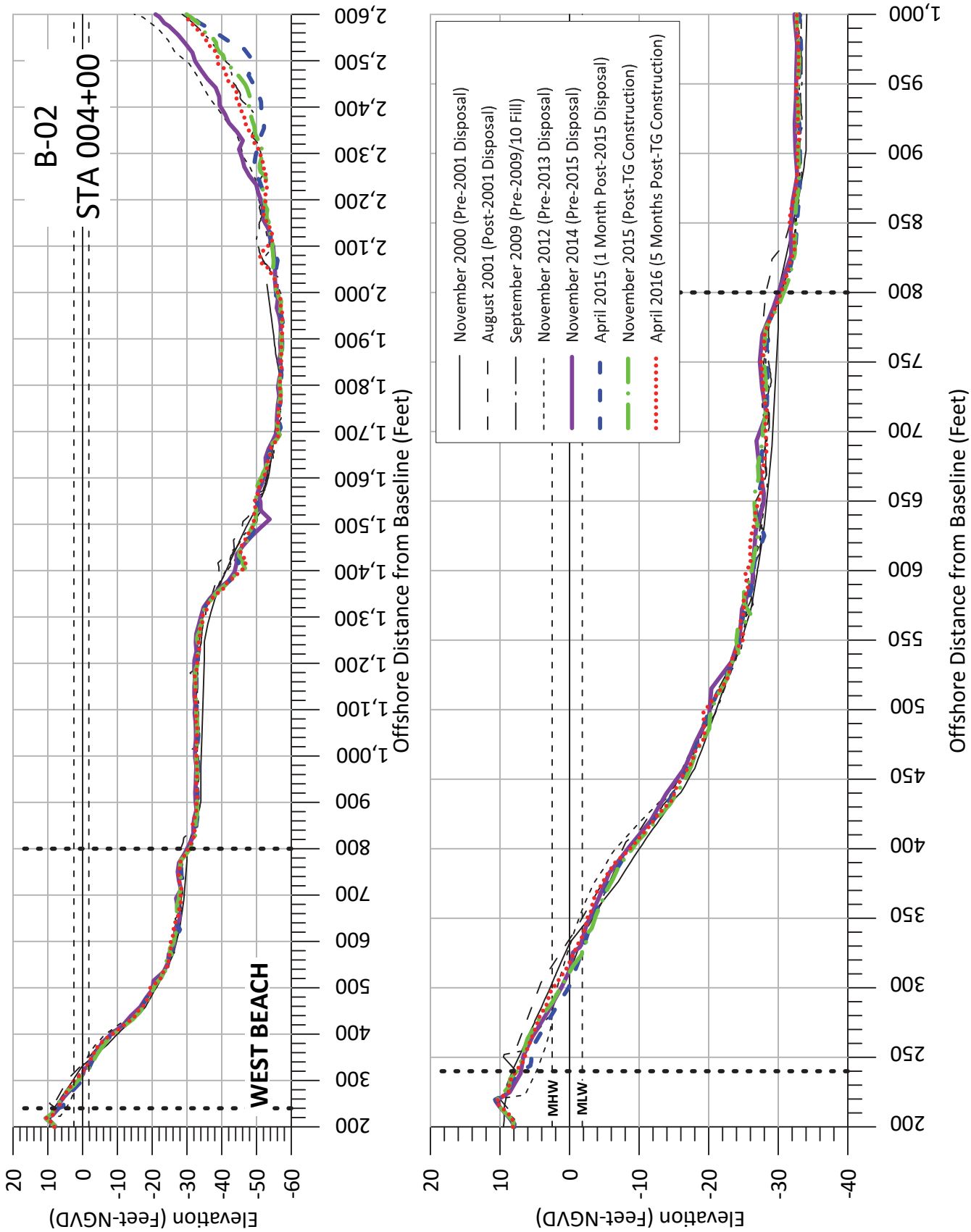

Figure A-07: Measured beach profiles at baseline **Station 004+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

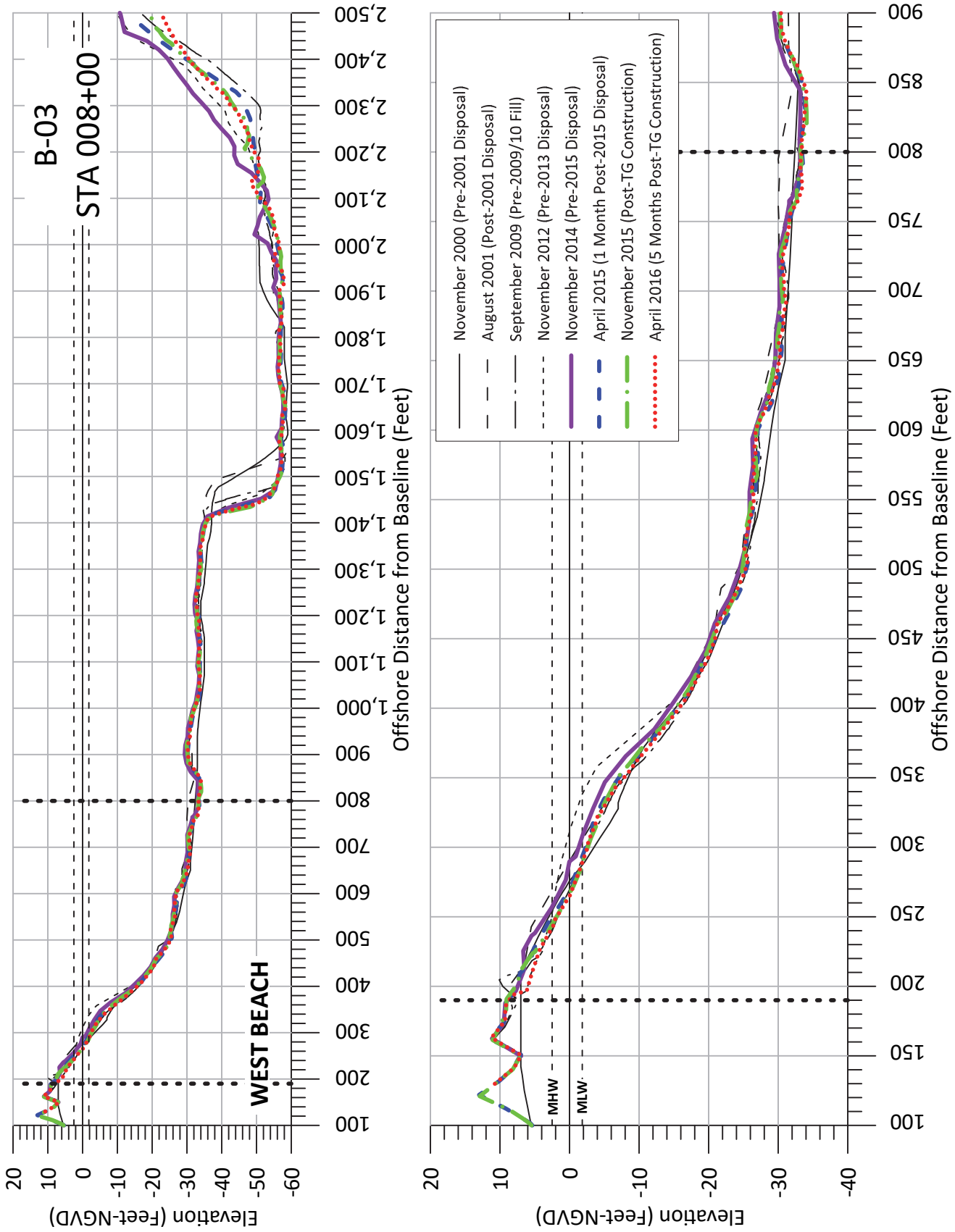

Figure A-08: Measured beach profiles at baseline **Station 008+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

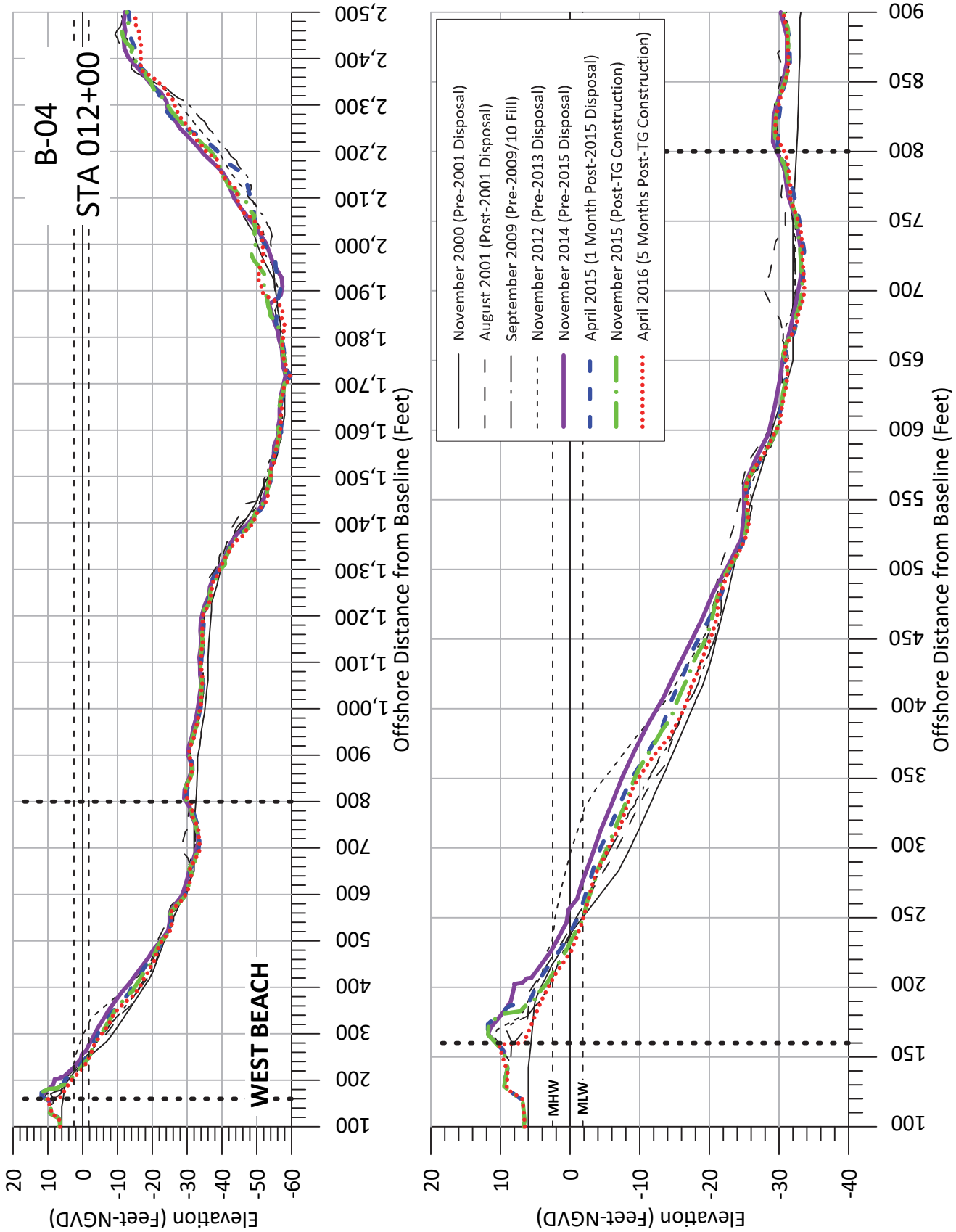

Figure A-09: Measured beach profiles at baseline **Station 012+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

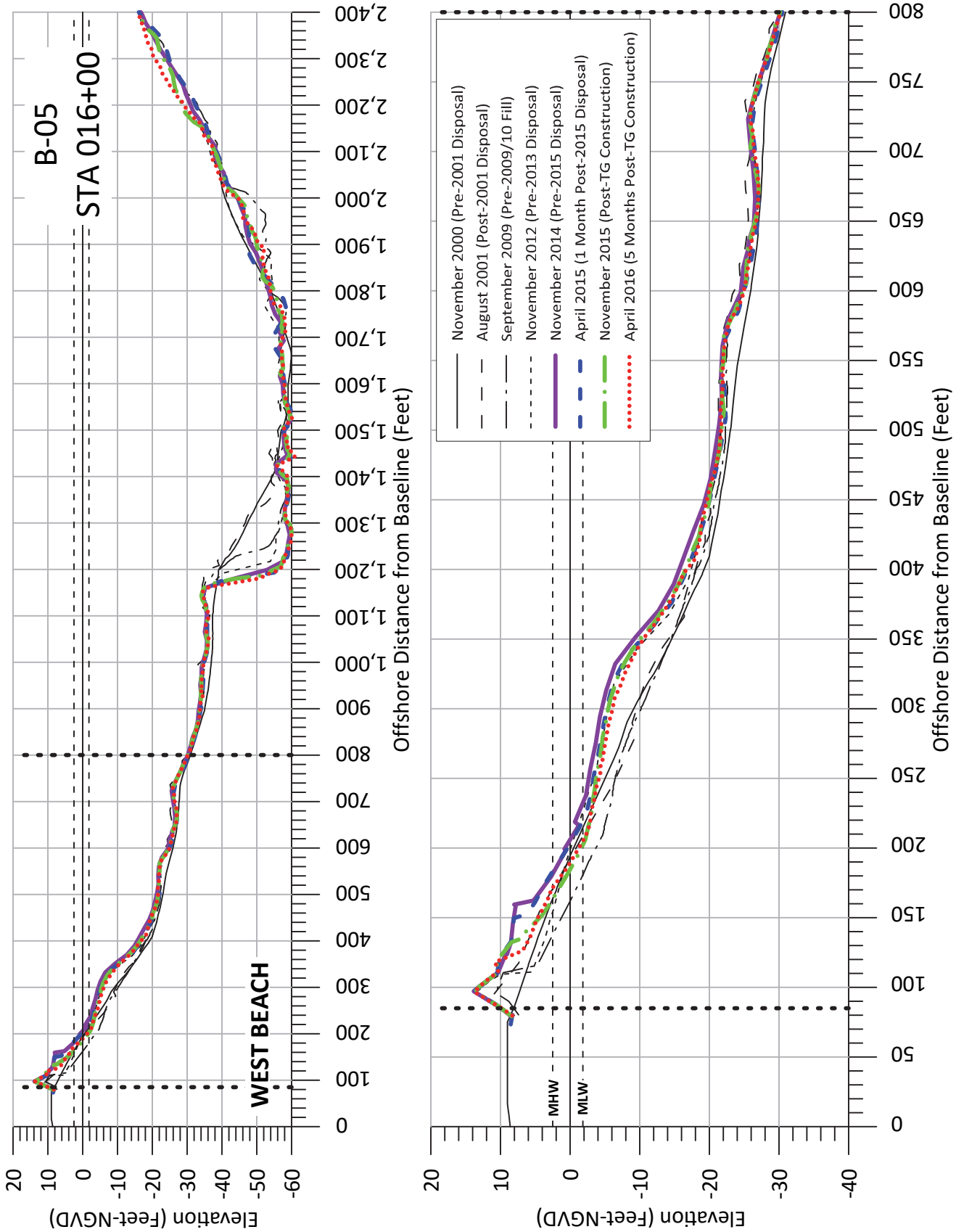

Figure A-10: Measured beach profiles at baseline **Station 016+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

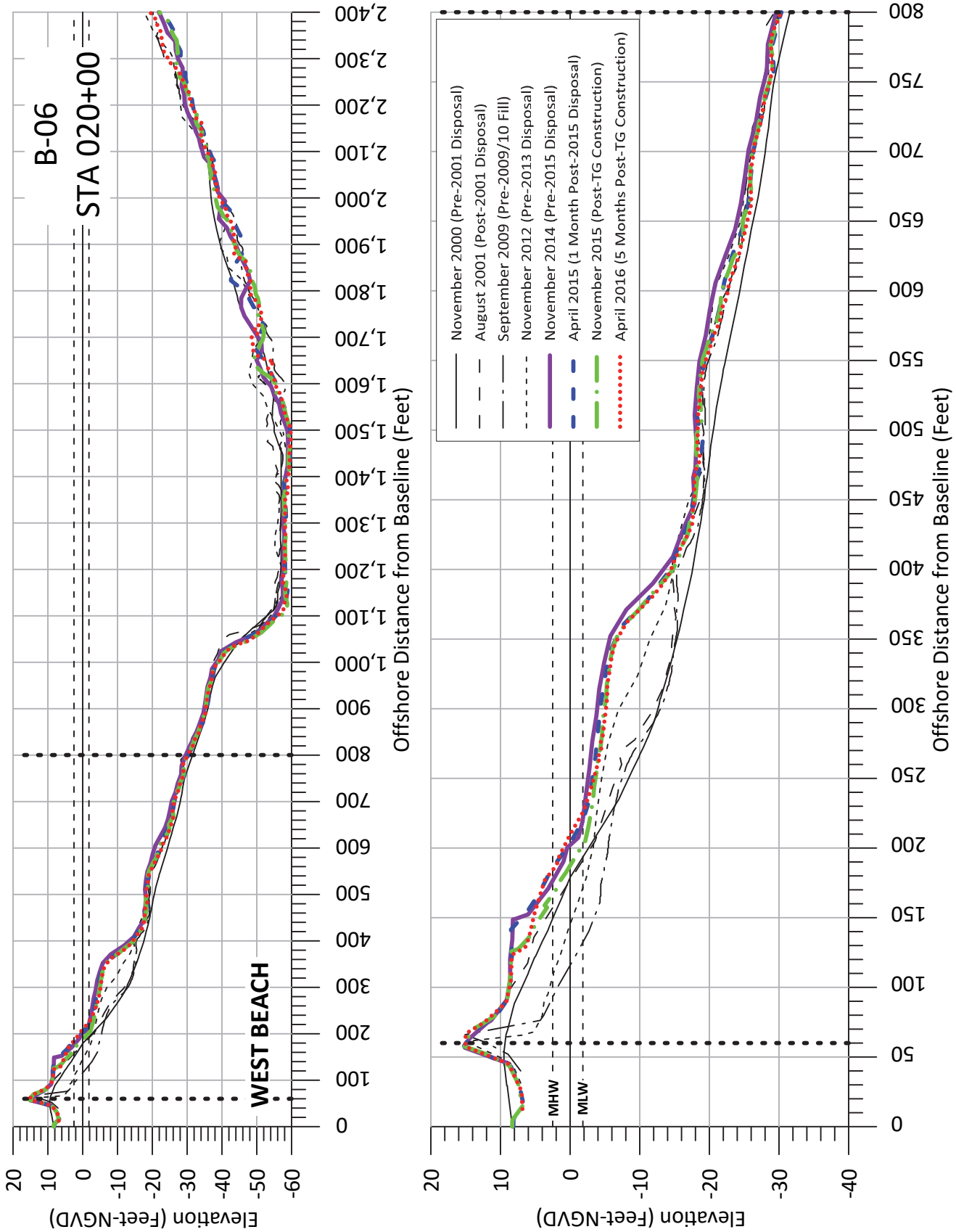

Figure A-11: Measured beach profiles at baseline **Station 020+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

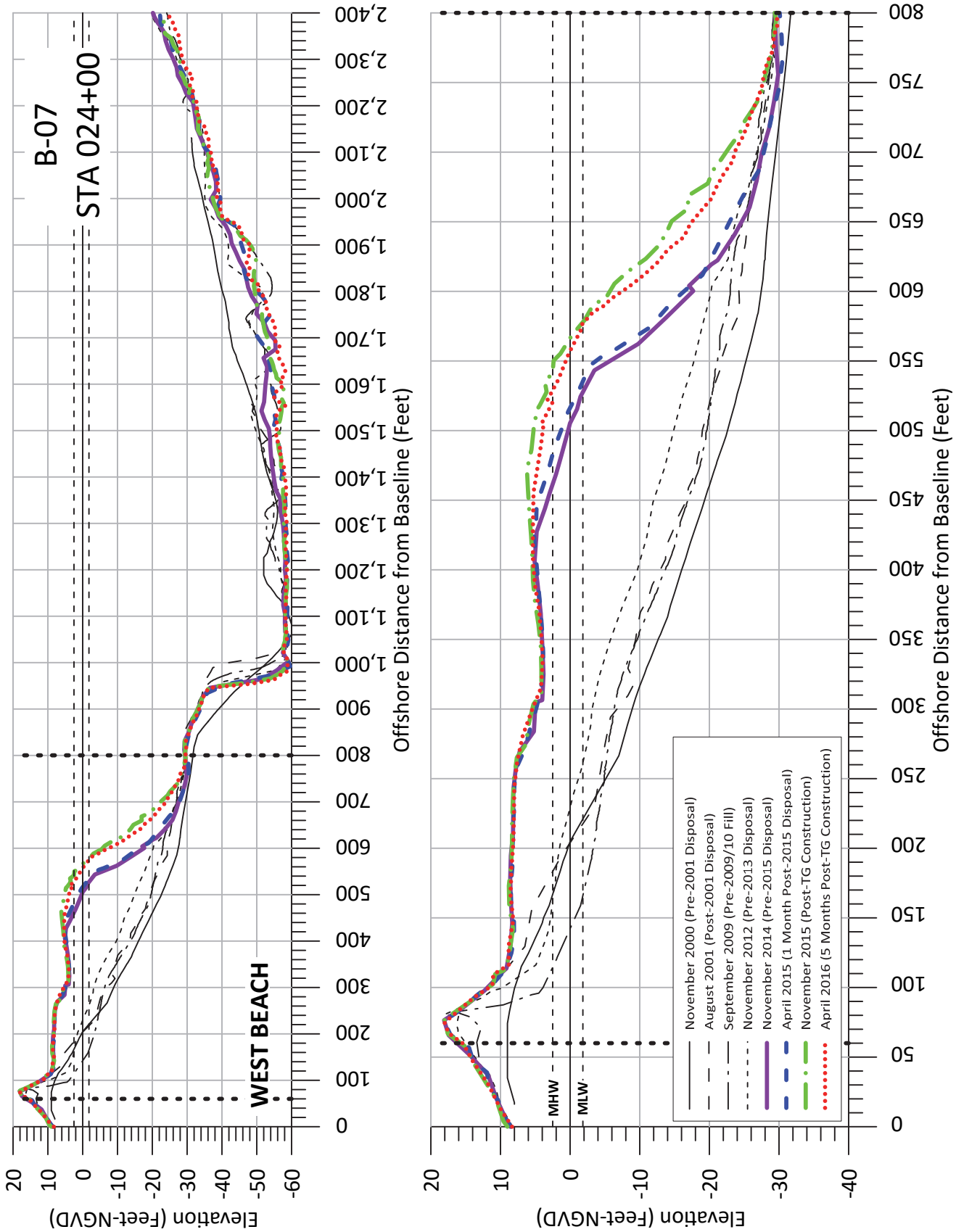

Figure A-12: Measured beach profiles at baseline **Station 024+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

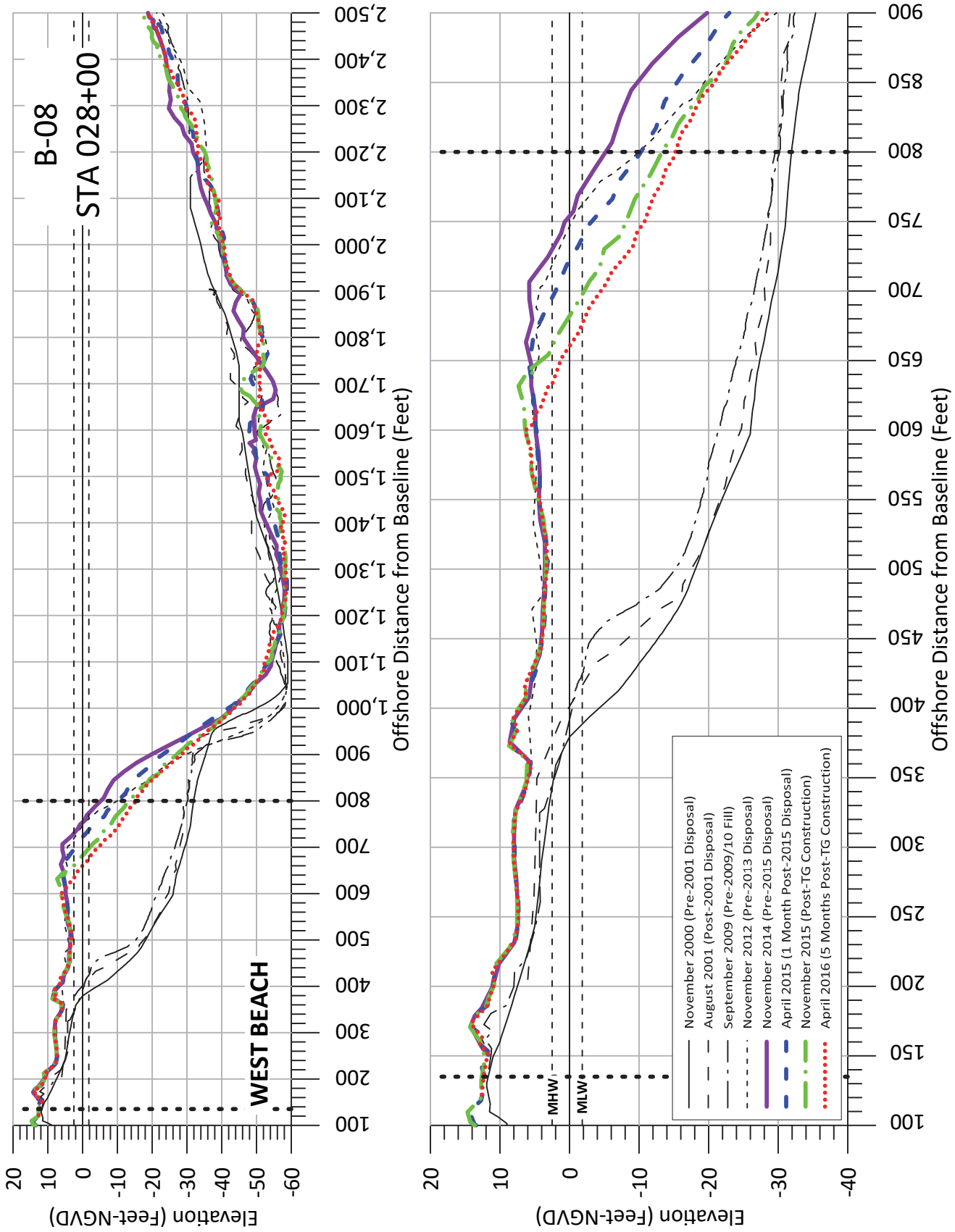

Figure A-13: Measured beach profiles at baseline **Station 028+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

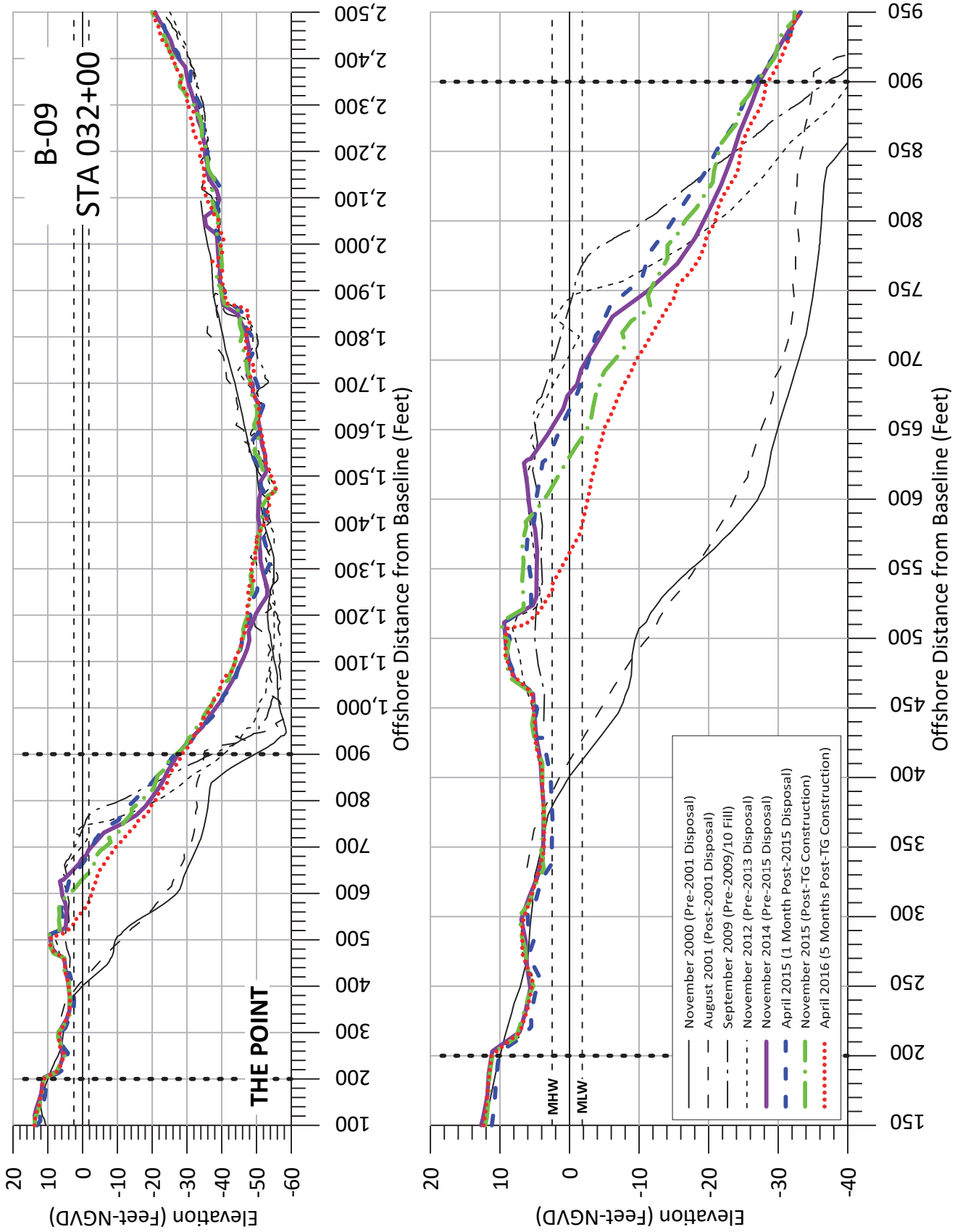

Figure A-14: Measured beach profiles at baseline **Station 032+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

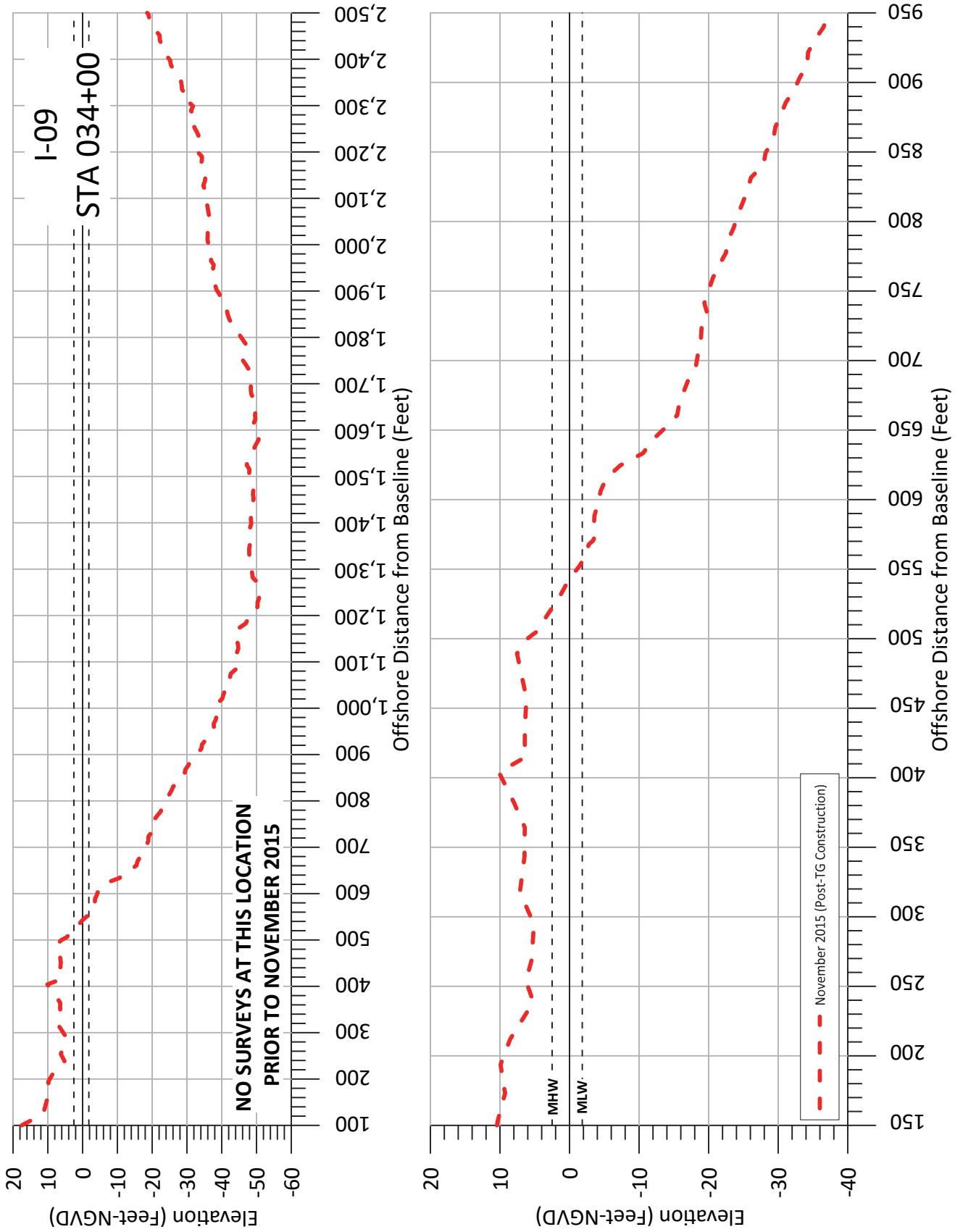

Figure A-15: Measured beach profiles at baseline **Station 034+00**, Bald Head Island, N.C.

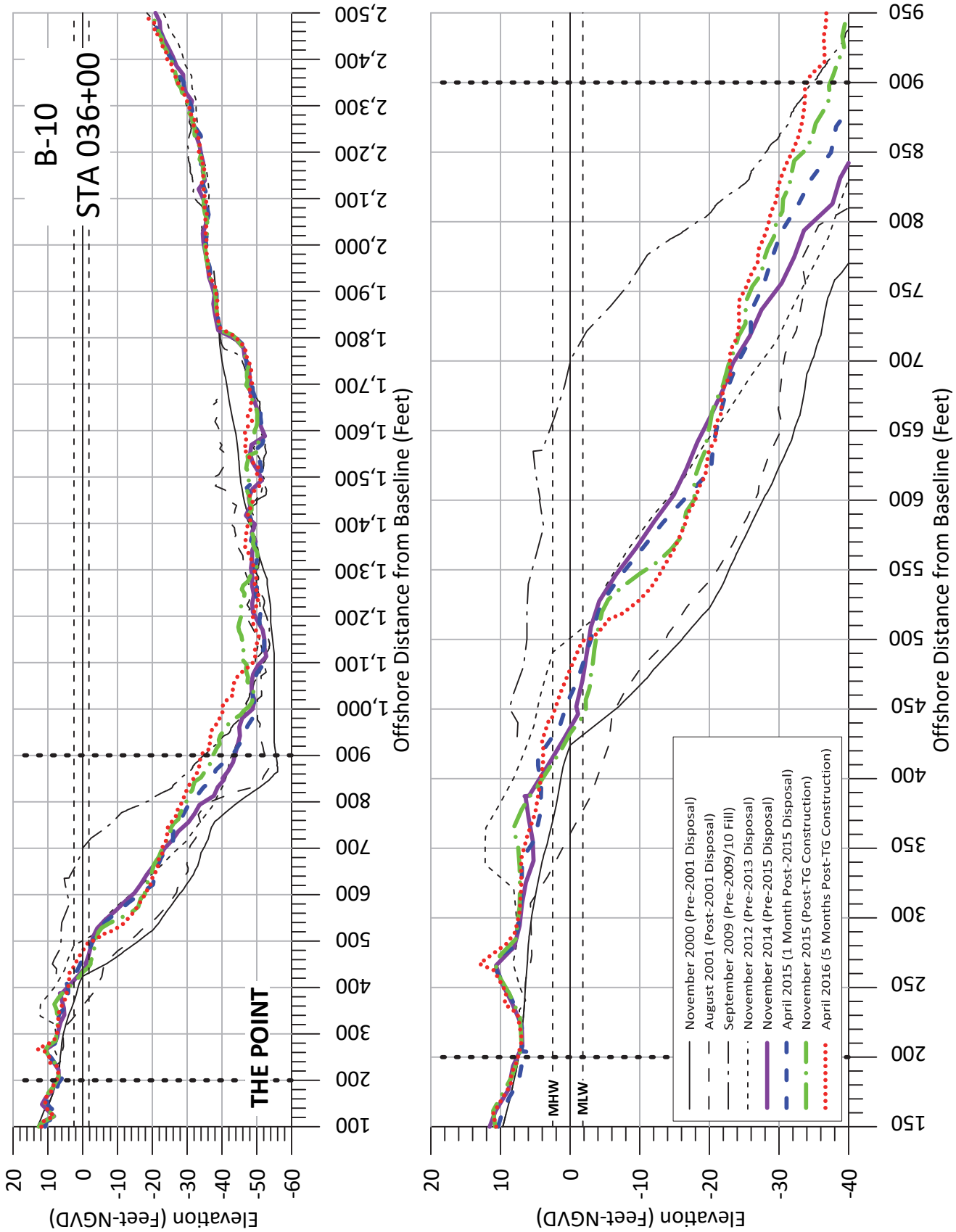

Figure A-16: Measured beach profiles at baseline **Station 036+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

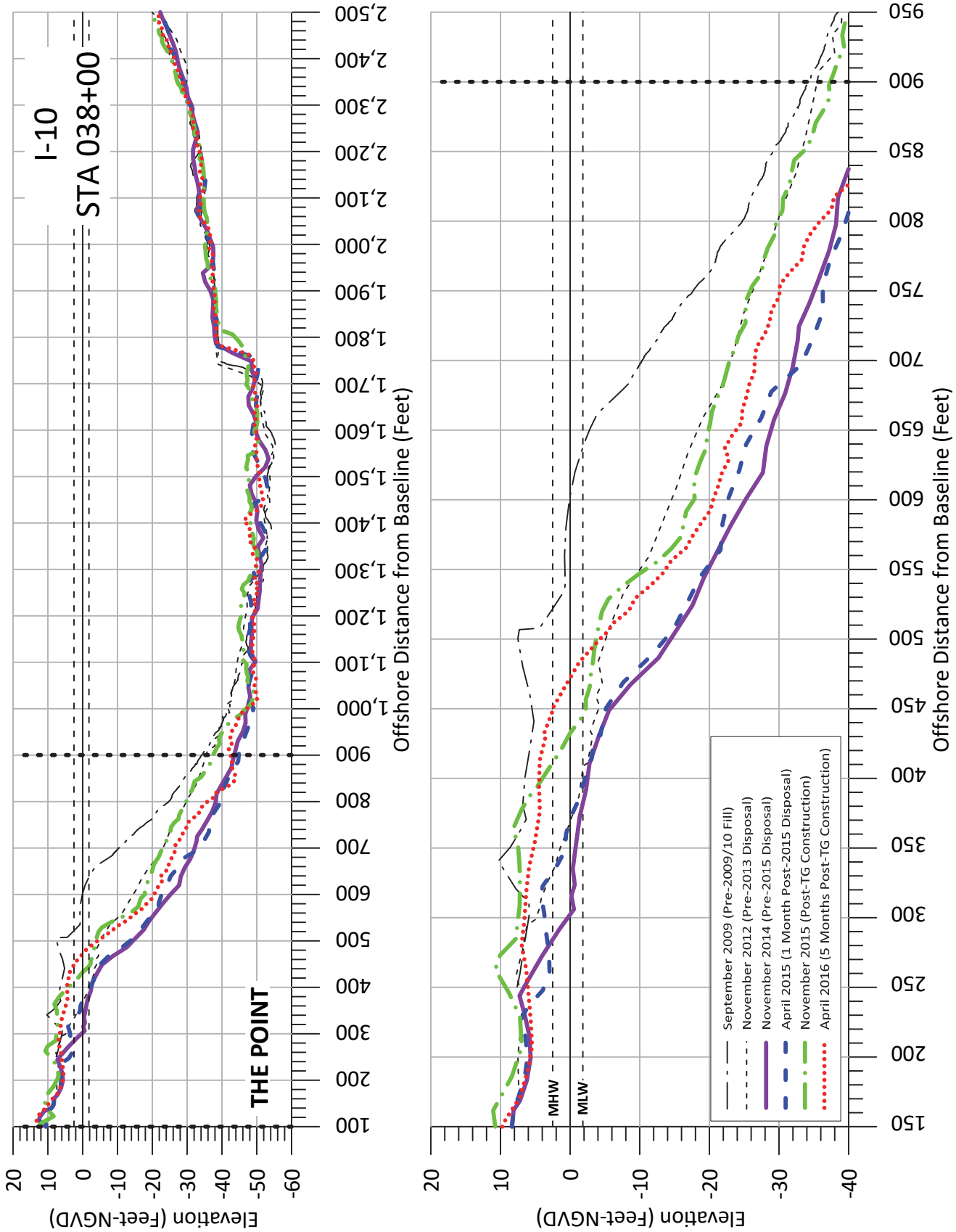

Figure A-17: Measured beach profiles at baseline **Station 038+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

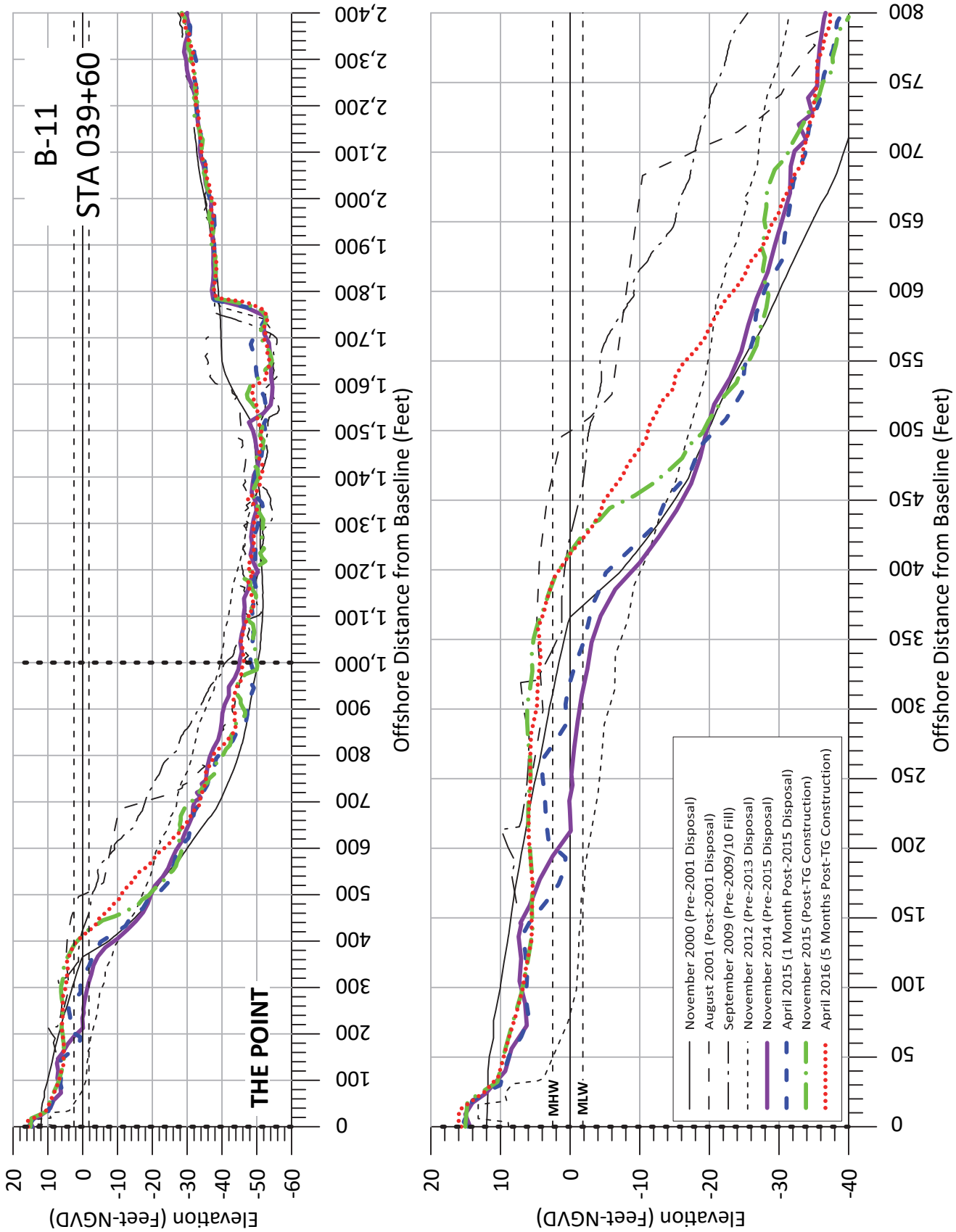

Figure A-18: Measured beach profiles at baseline **Station 039+60**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

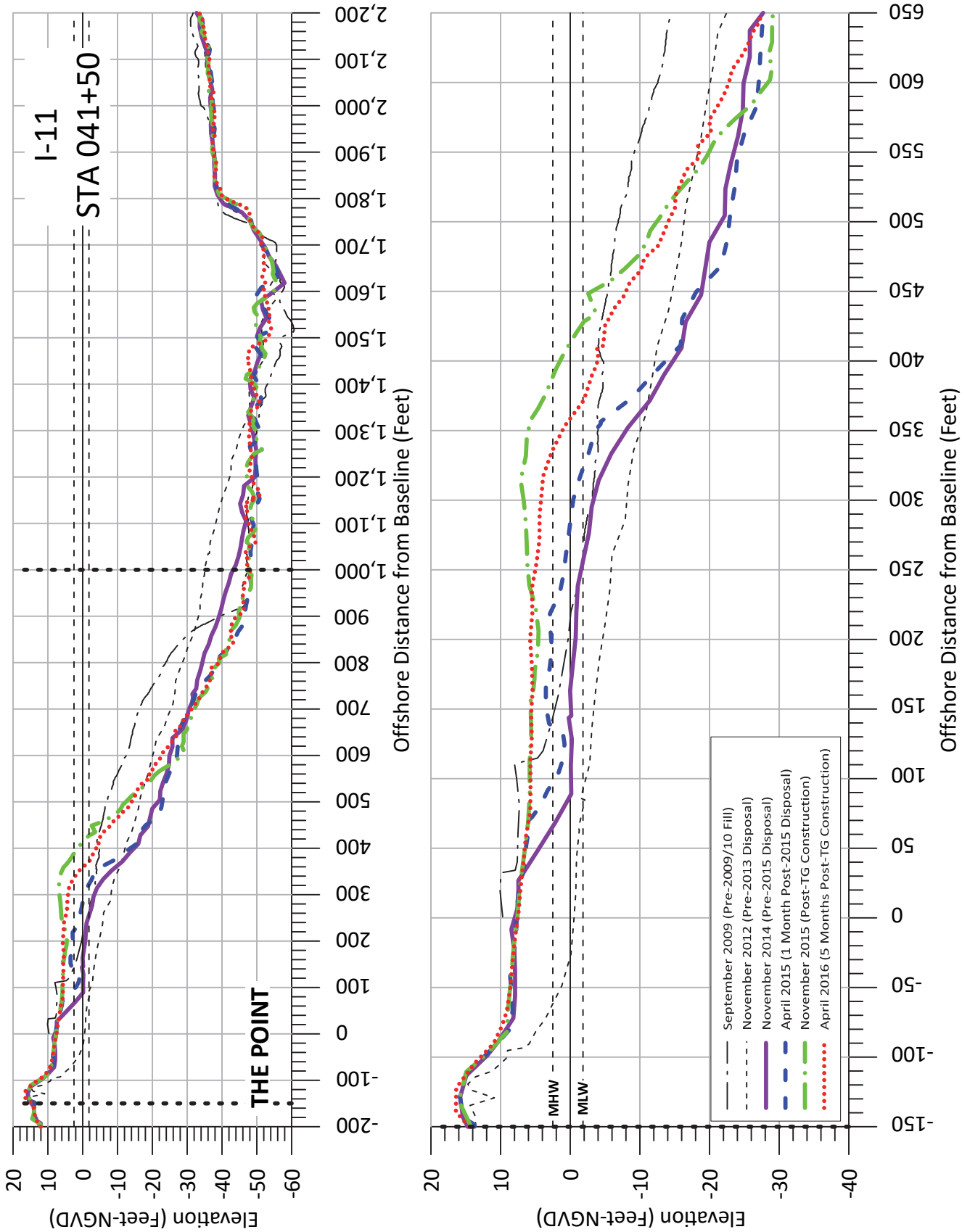

Figure A-19: Measured beach profiles at baseline **Station 041+50**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

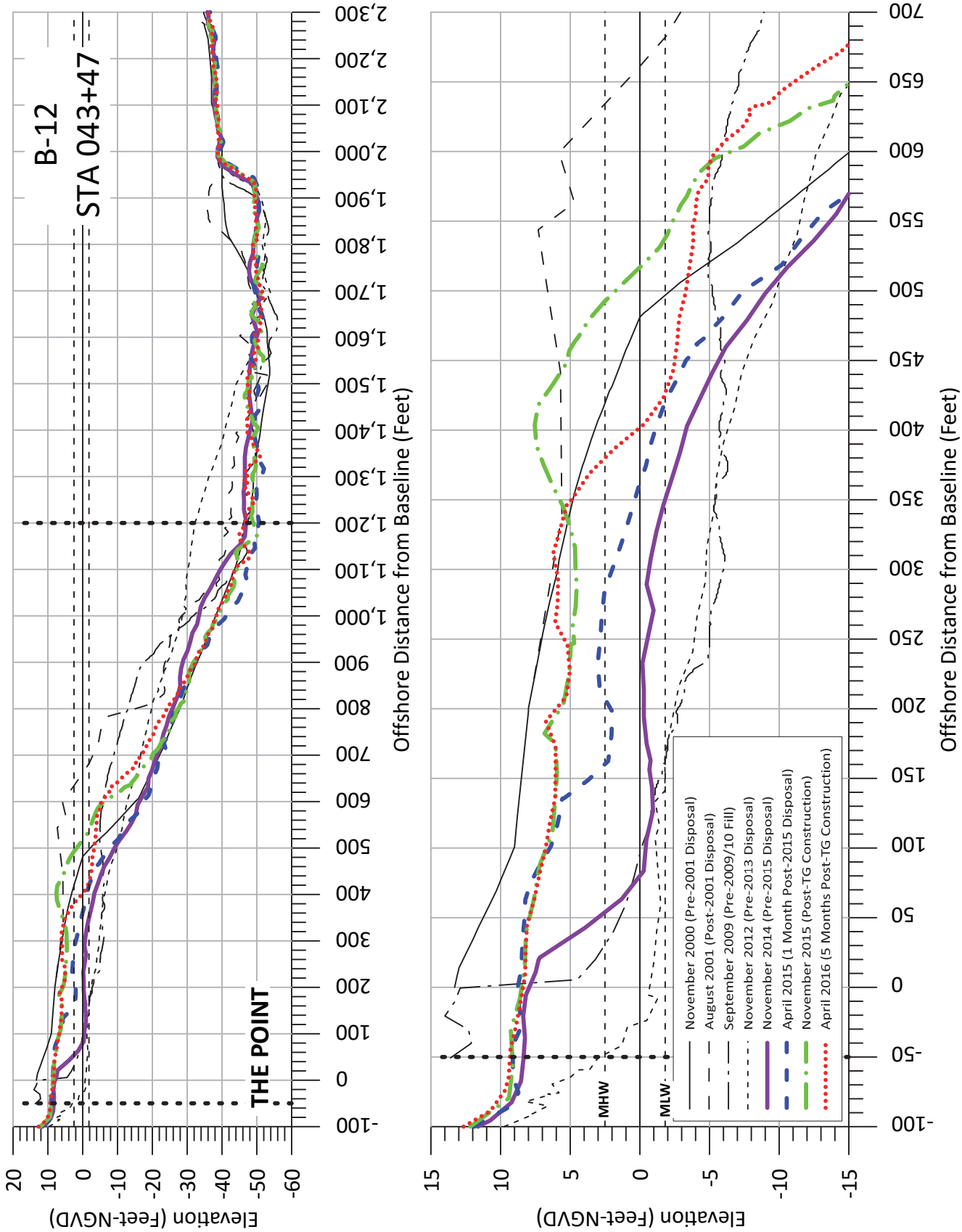

Figure A-20: Measured beach profiles at baseline **Station 043+47**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

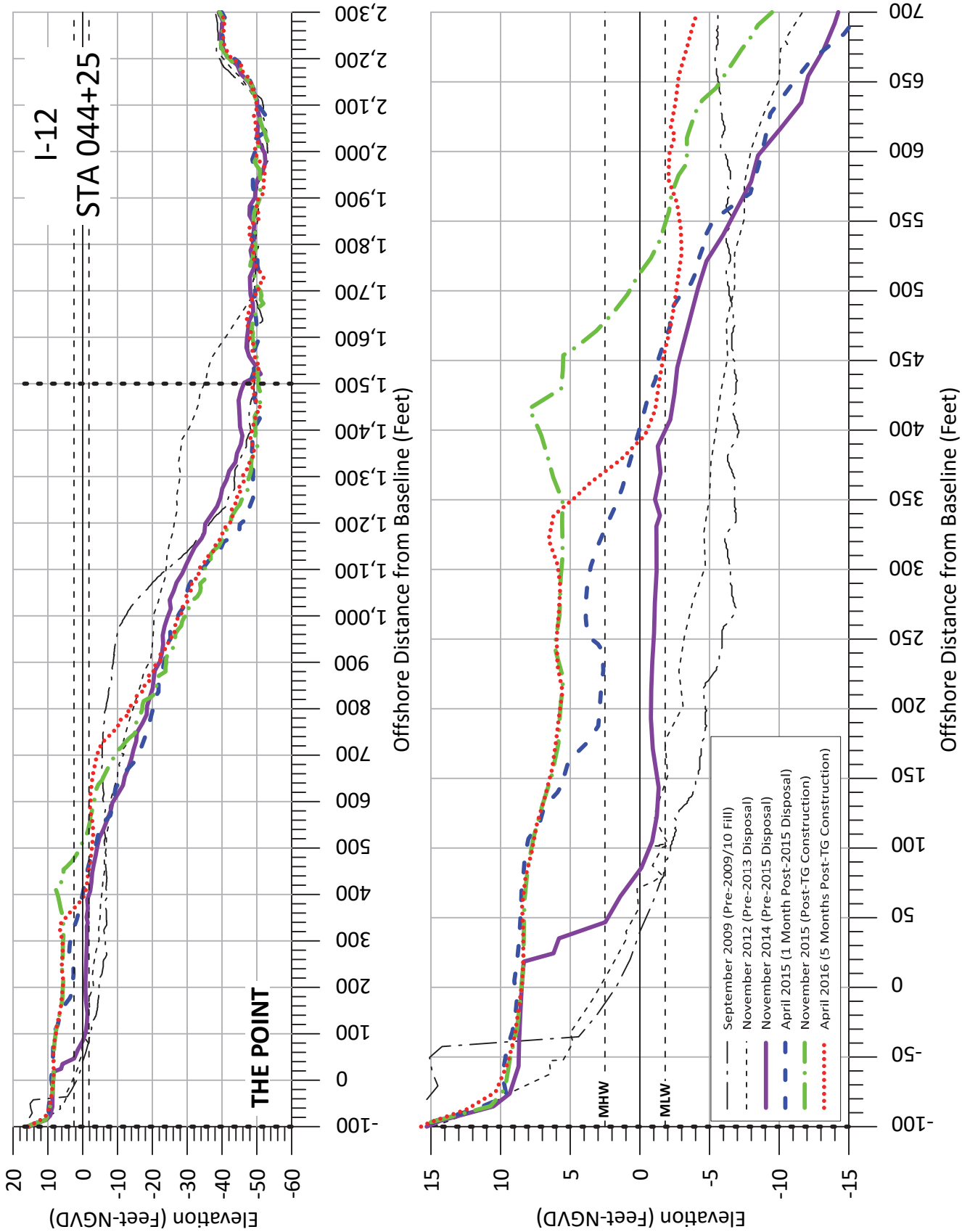

Figure A-21: Measured beach profiles at baseline **Station 044+25**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

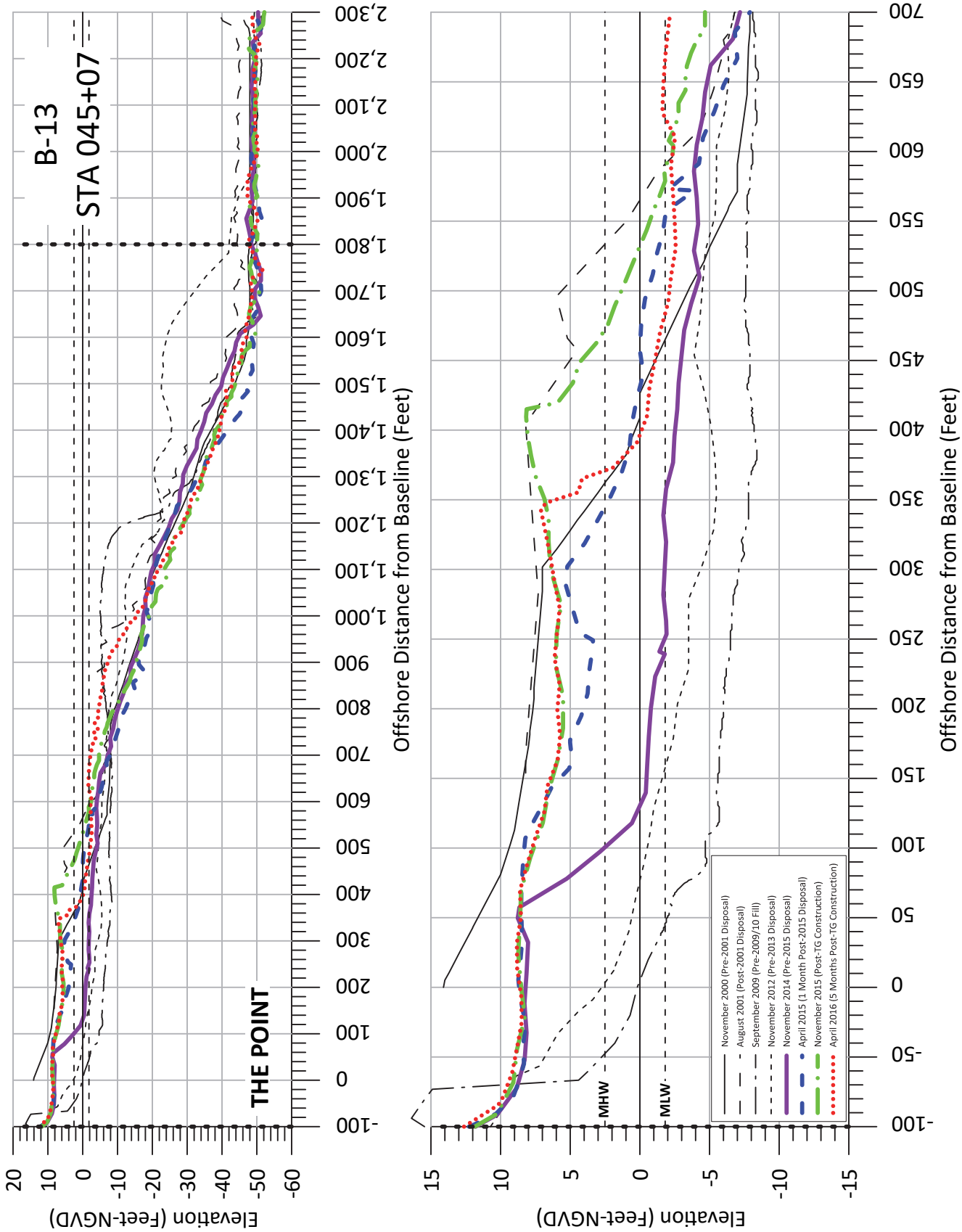

Figure A-22: Measured beach profiles at baseline **Station 045+07**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

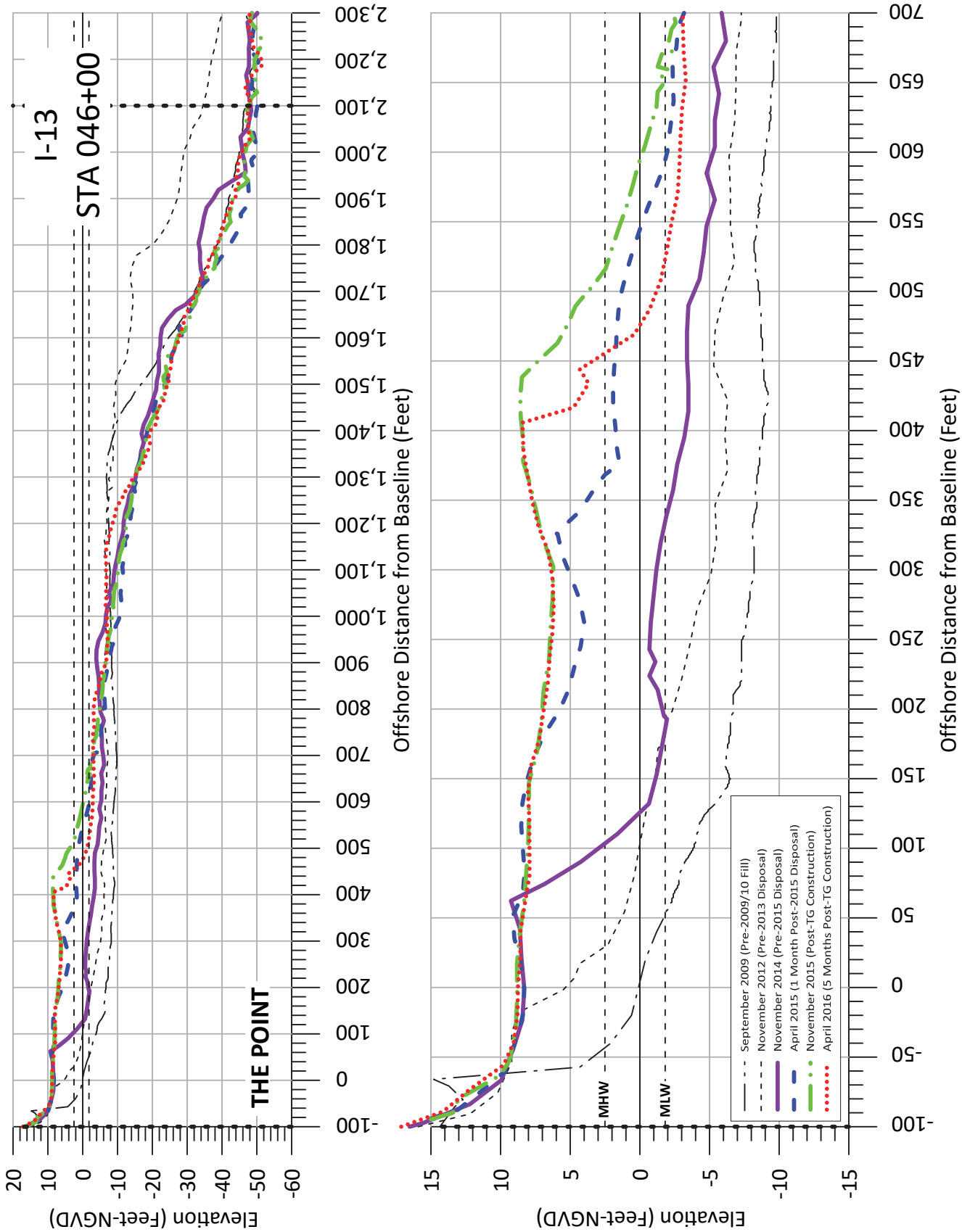

Figure A-23 Measured beach profiles at baseline **Station 046+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

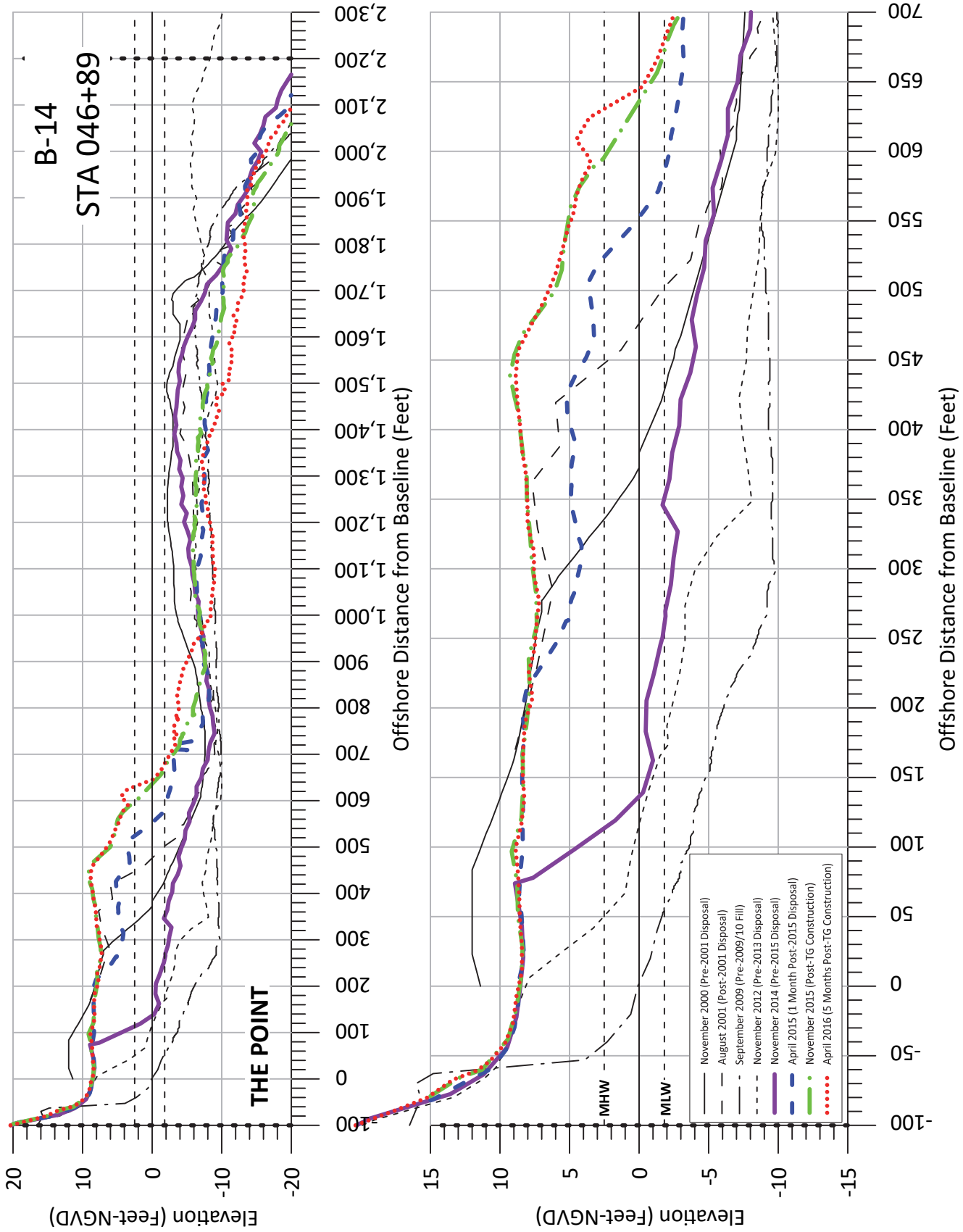

Figure A-24: Measured beach profiles at baseline **Station 046+89**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

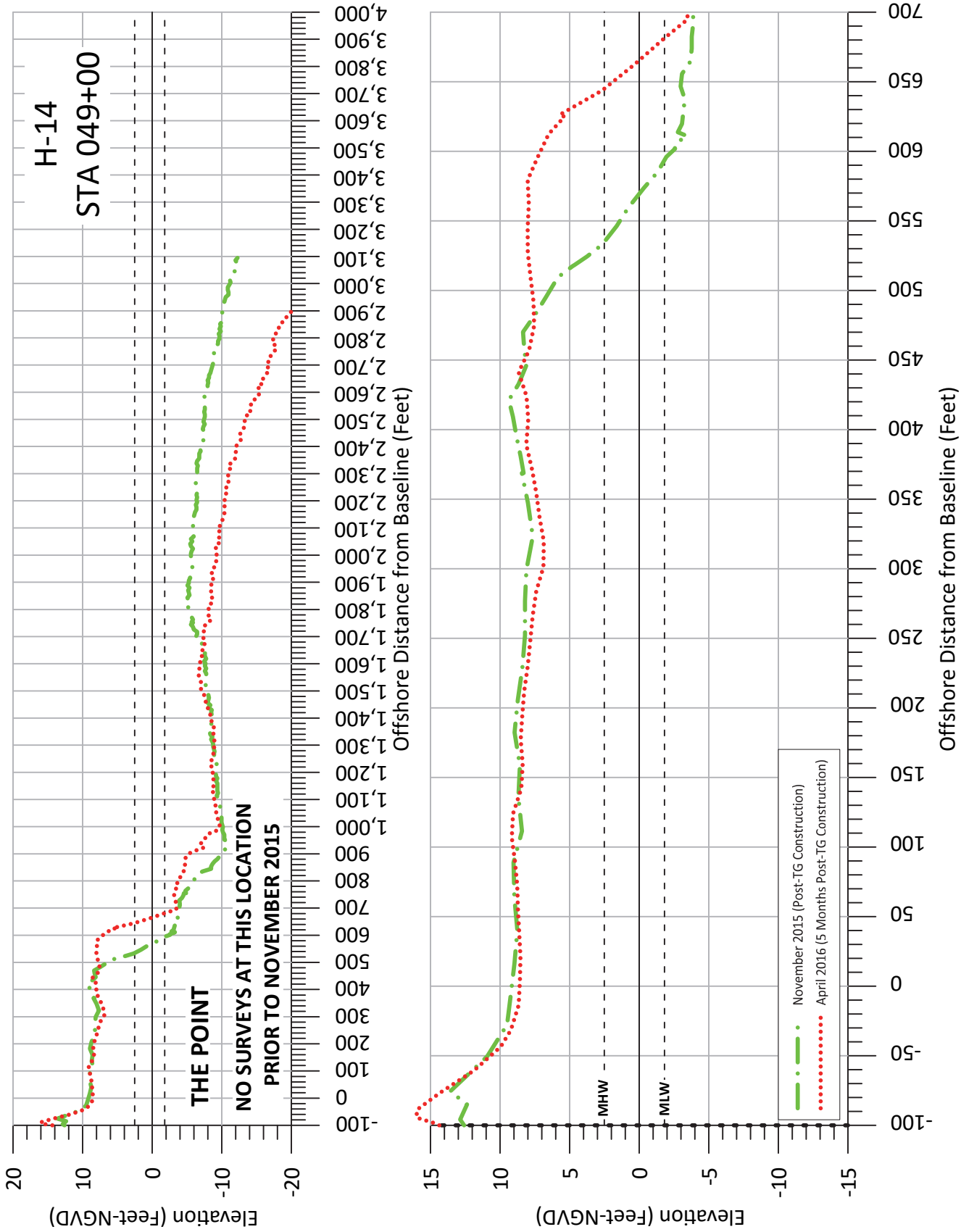

Figure A-25: Measured beach profiles at baseline **Station 049+00**, Bald Head Island, N.C.

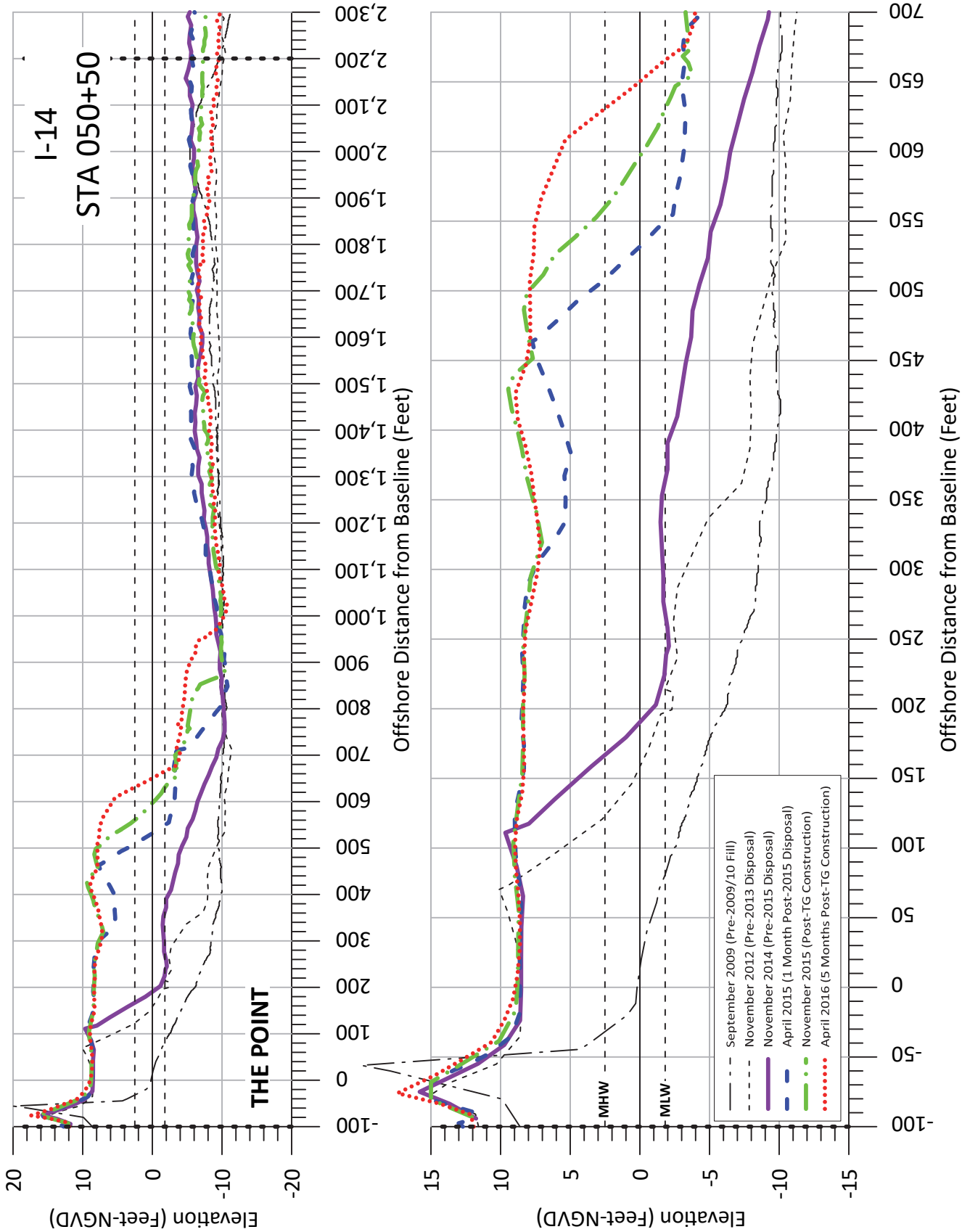

Figure A-26: Measured beach profiles at baseline **Station 050+50**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

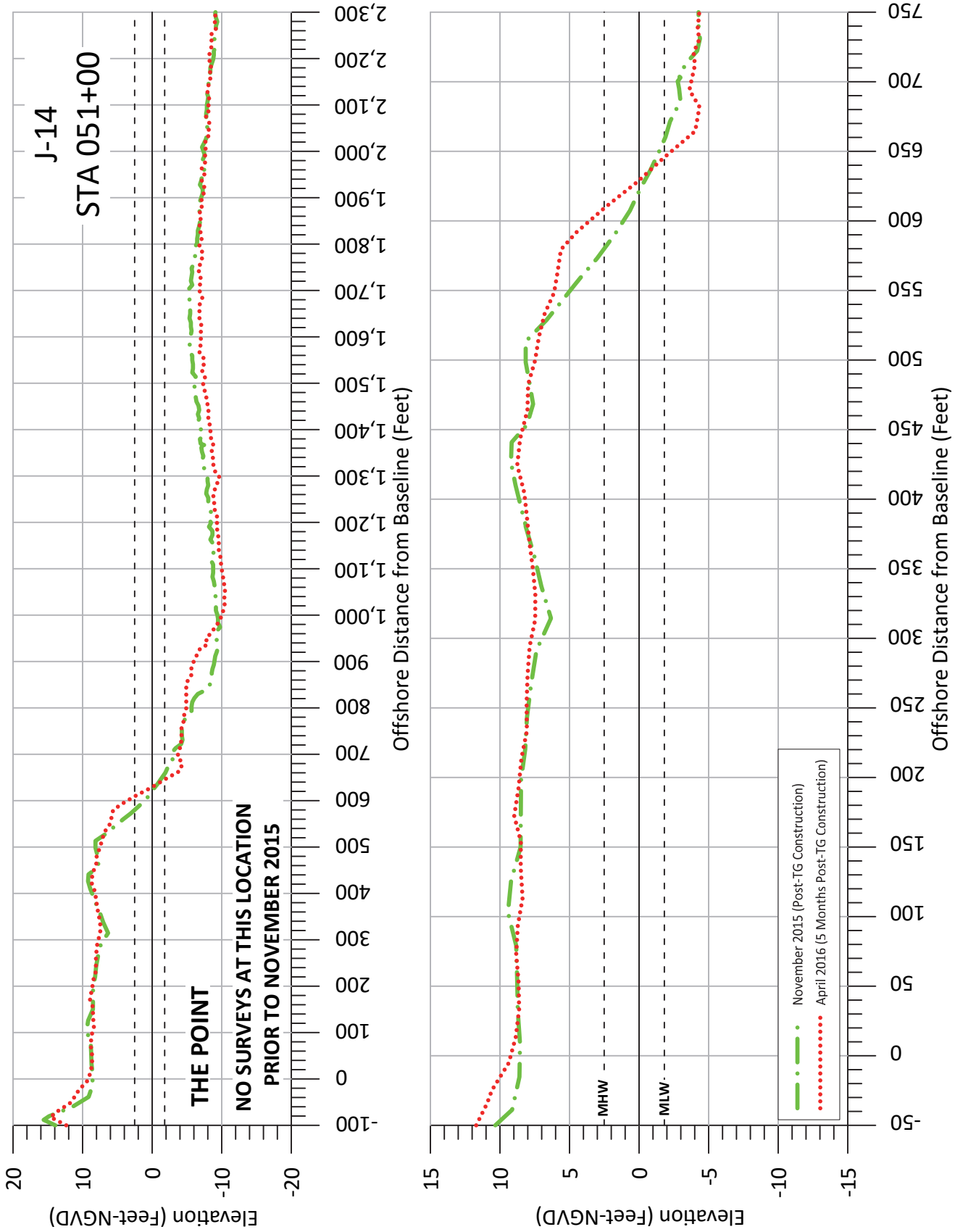

Figure A-27: Measured beach profiles at baseline **Station 051+00**, Bald Head Island, N.C.

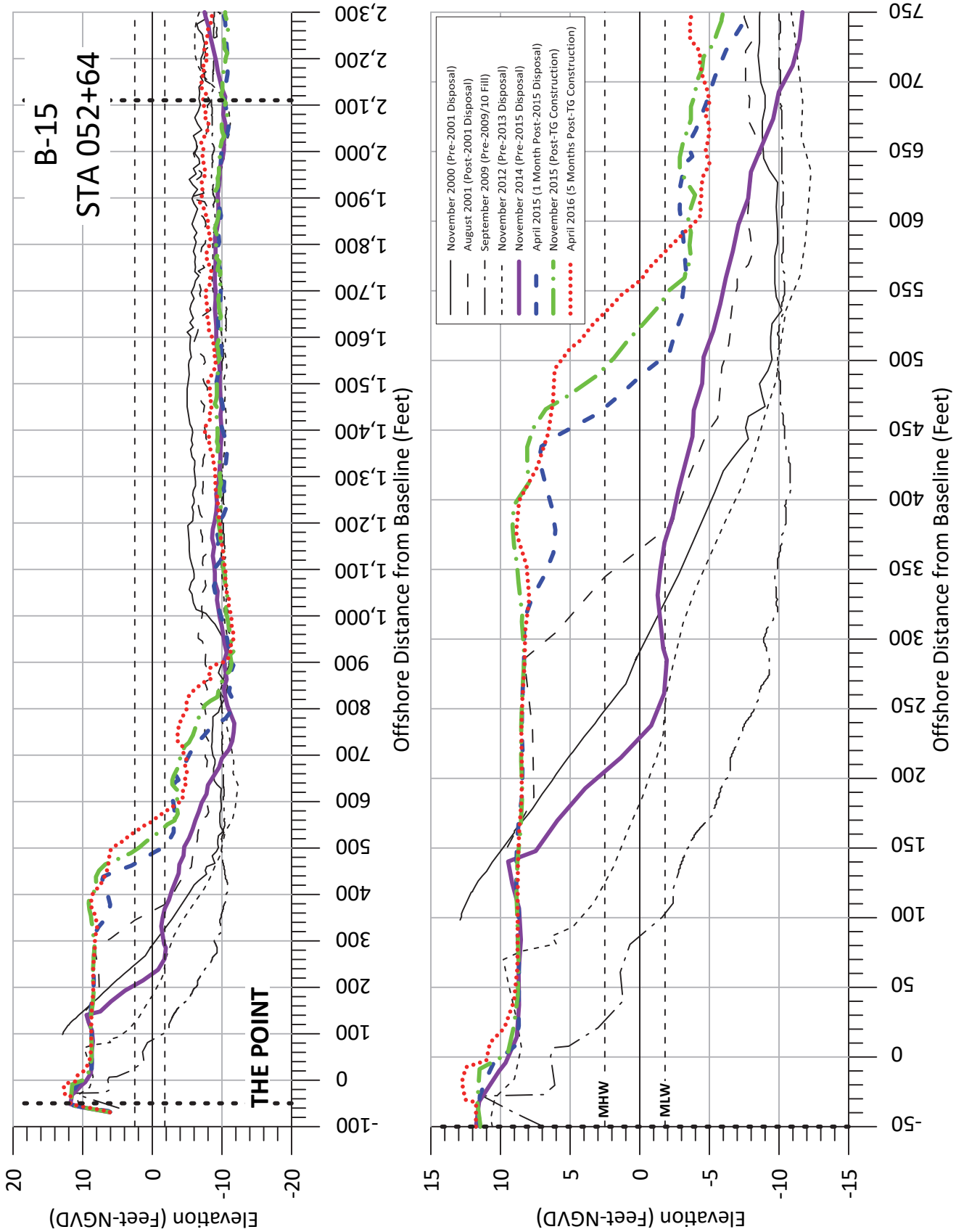

Figure A-28: Measured beach profiles at baseline **Station 052+64**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

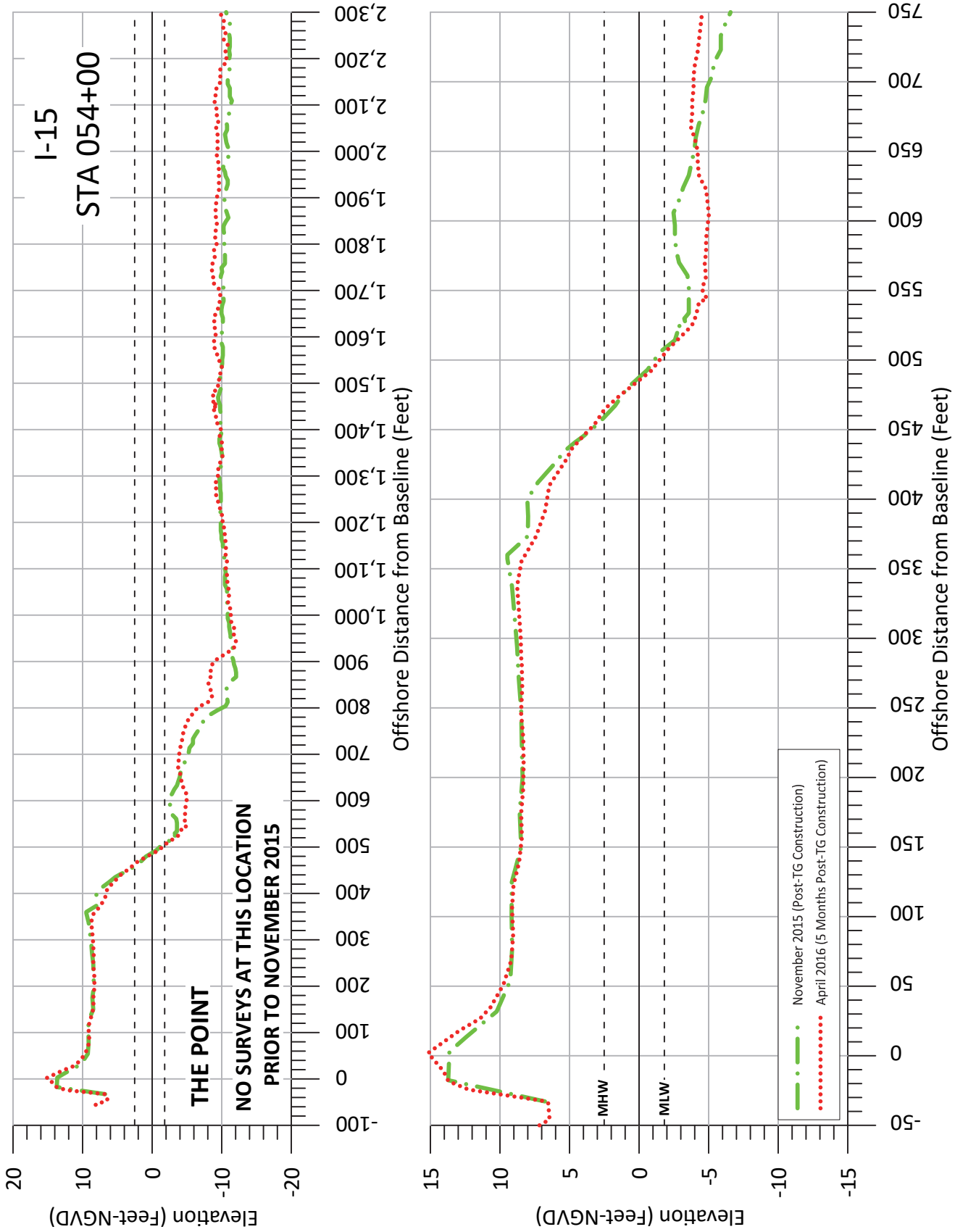

Figure A-29: Measured beach profiles at baseline **Station 054+00**, Bald Head Island, N.C.

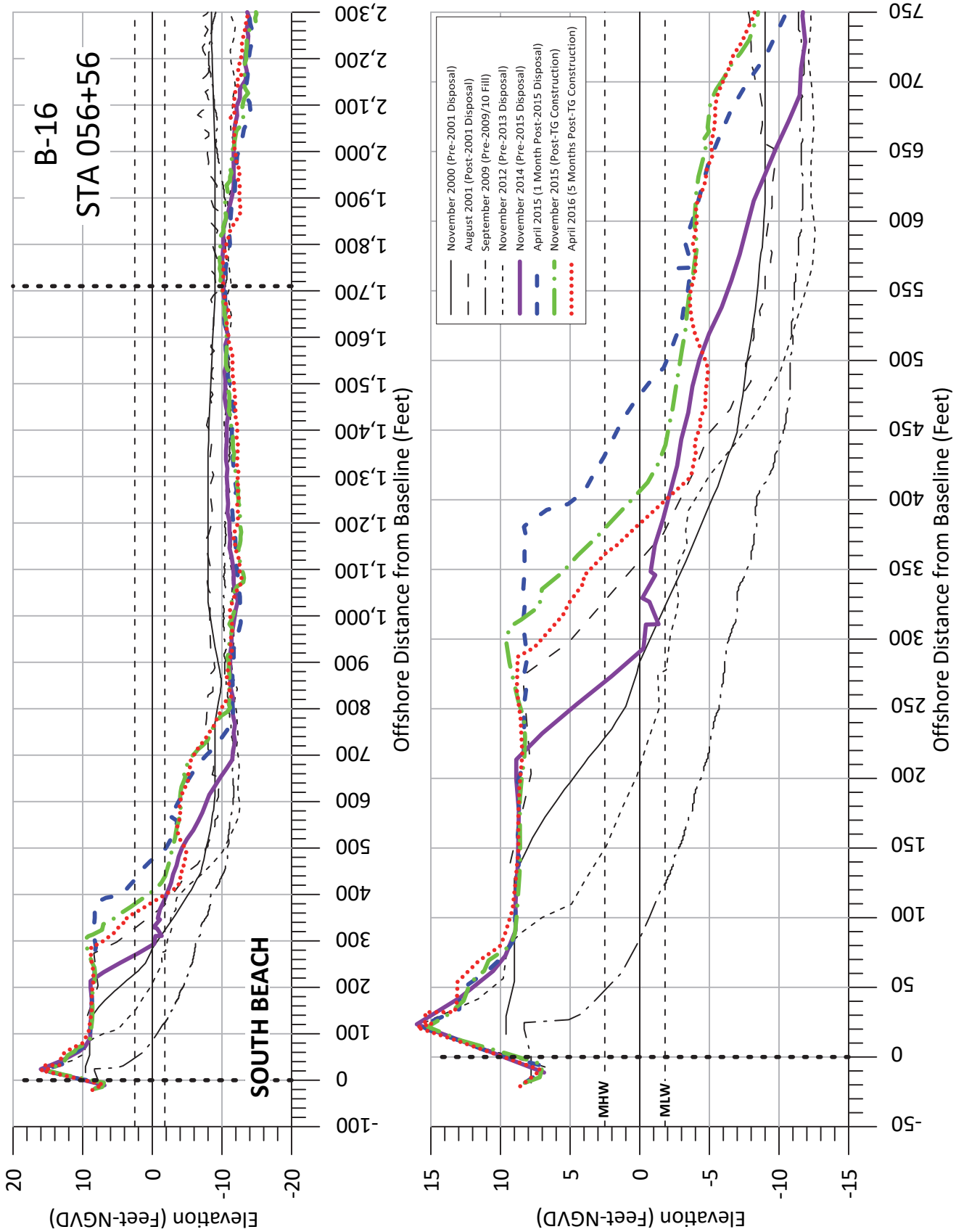

Figure A-30: Measured beach profiles at baseline **Station 056+56**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

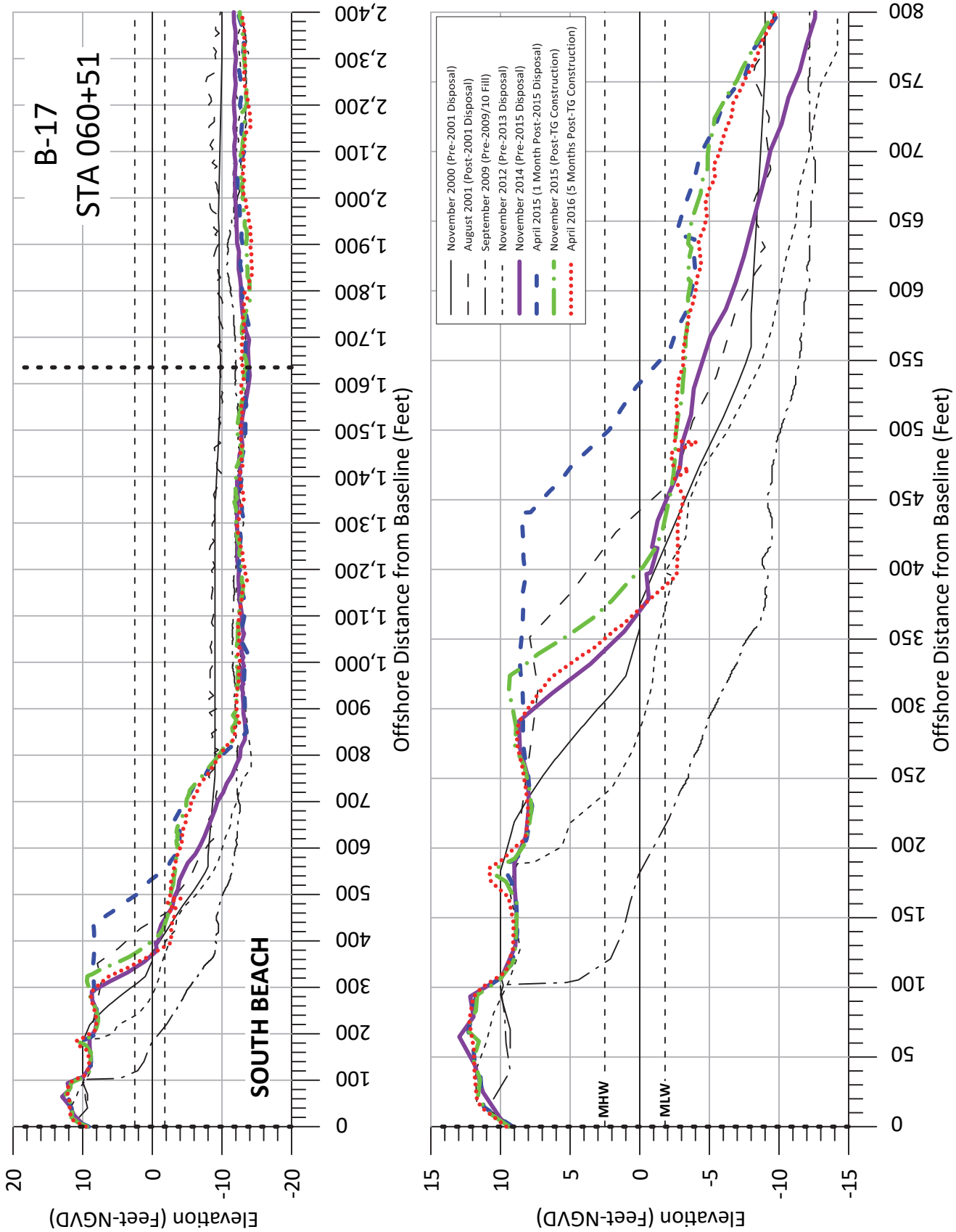

Figure A-31: Measured beach profiles at baseline **Station 060+51**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

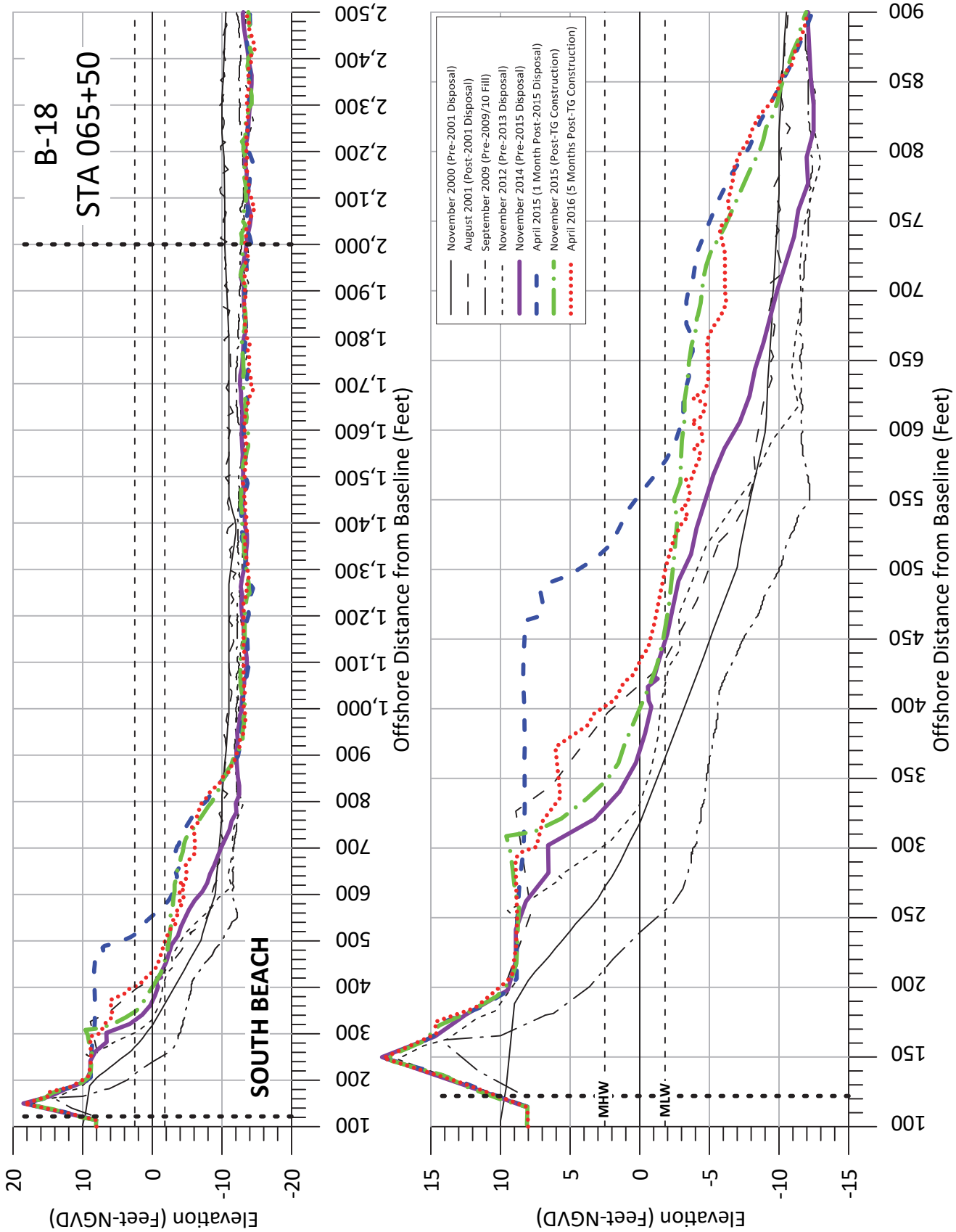

Figure A-32: Measured beach profiles at baseline **Station 065+50**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

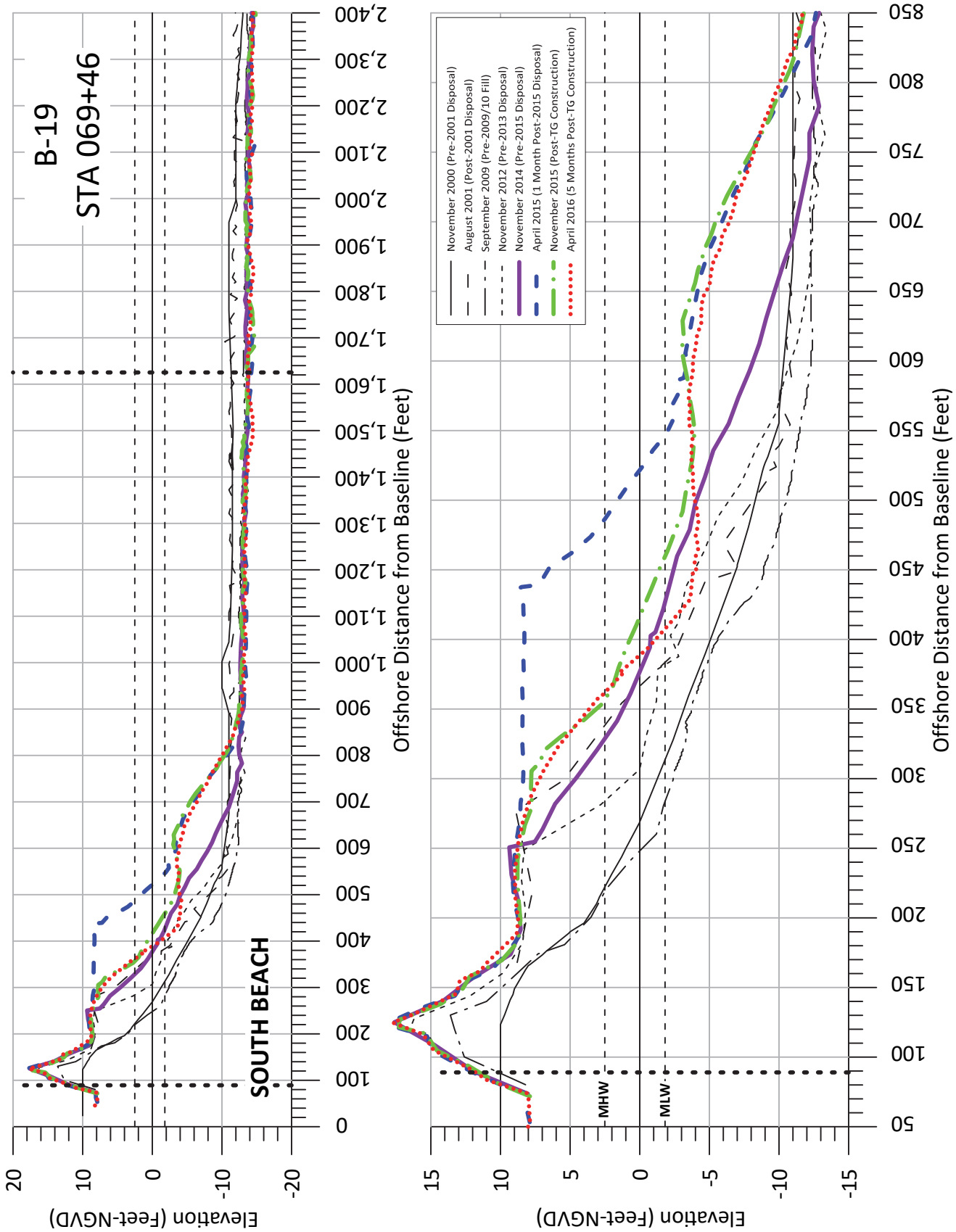

Figure A-33: Measured beach profiles at baseline **Station 069+46**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

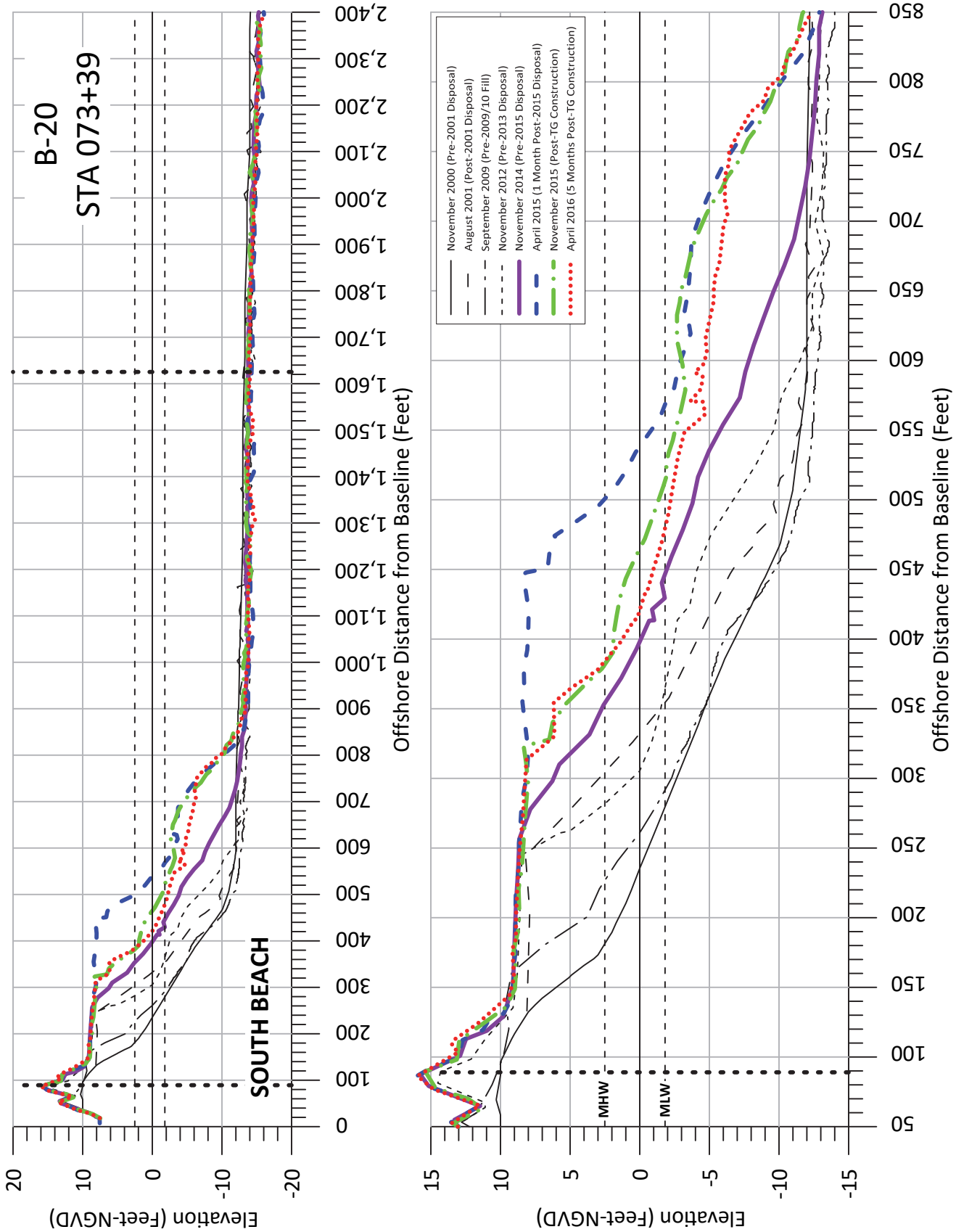

Figure A-34: Measured beach profiles at baseline **Station 073+39**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

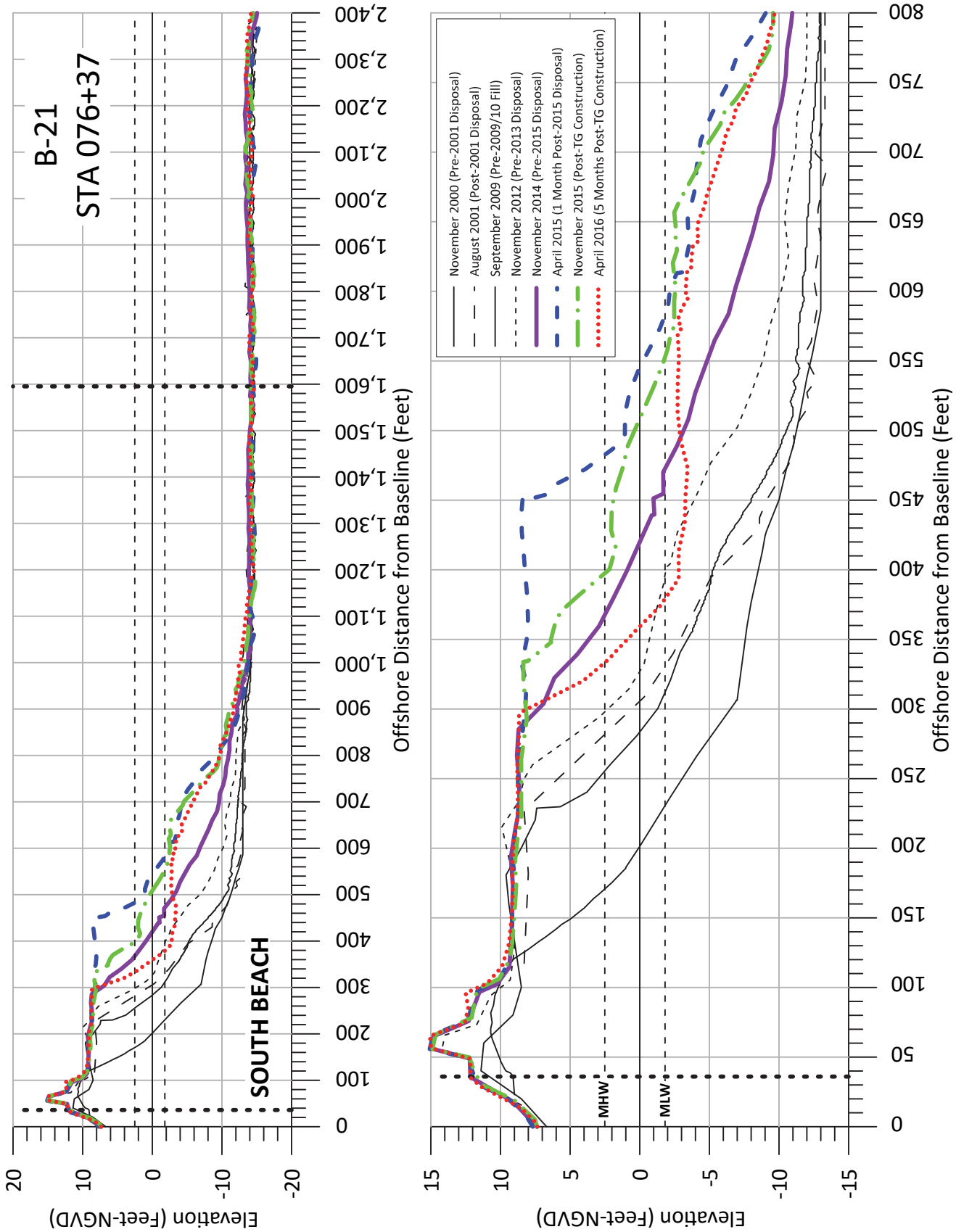

Figure A-35: Measured beach profiles at baseline **Station 076+37**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

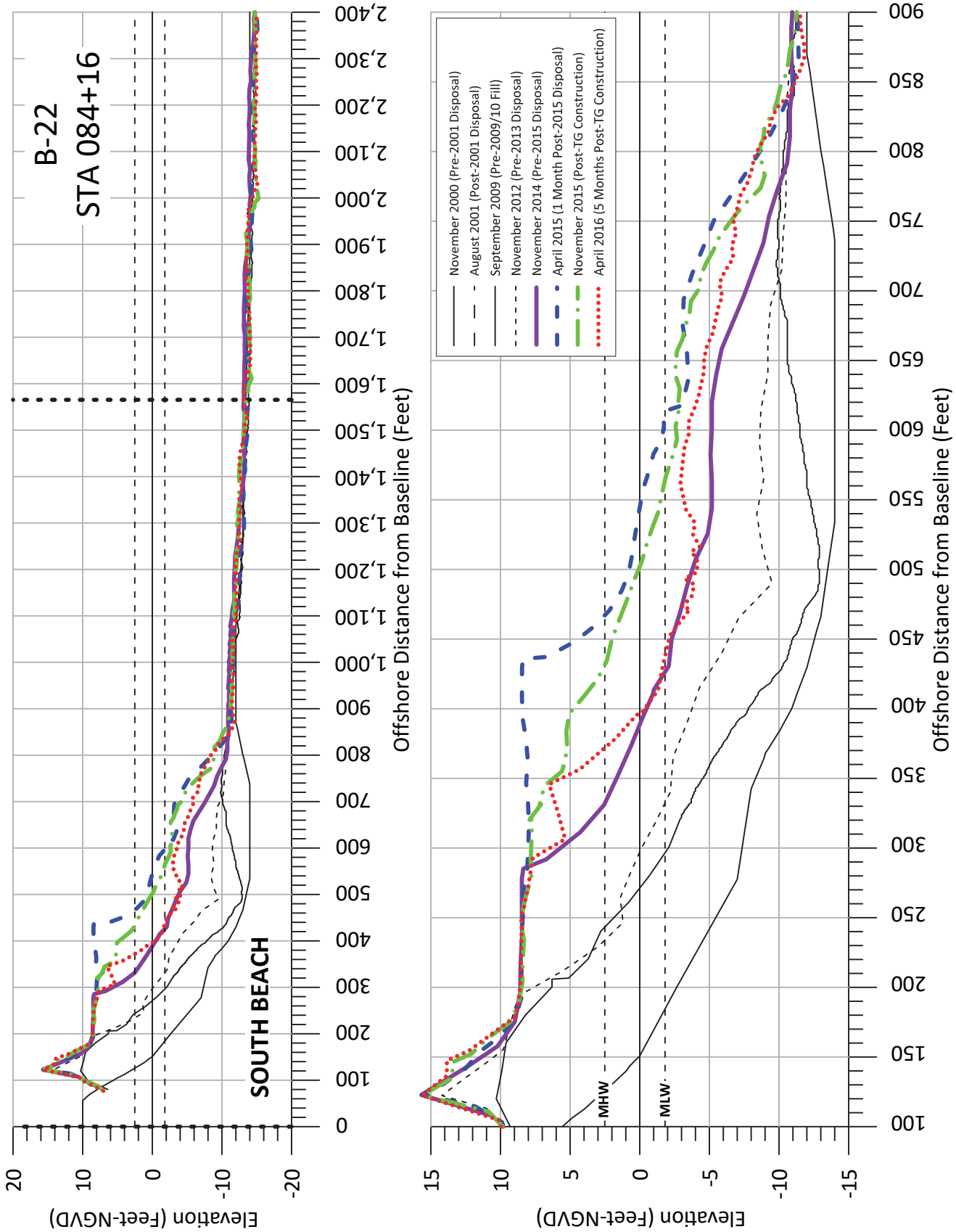

Figure A-36: Measured beach profiles at baseline **Station 084+16**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

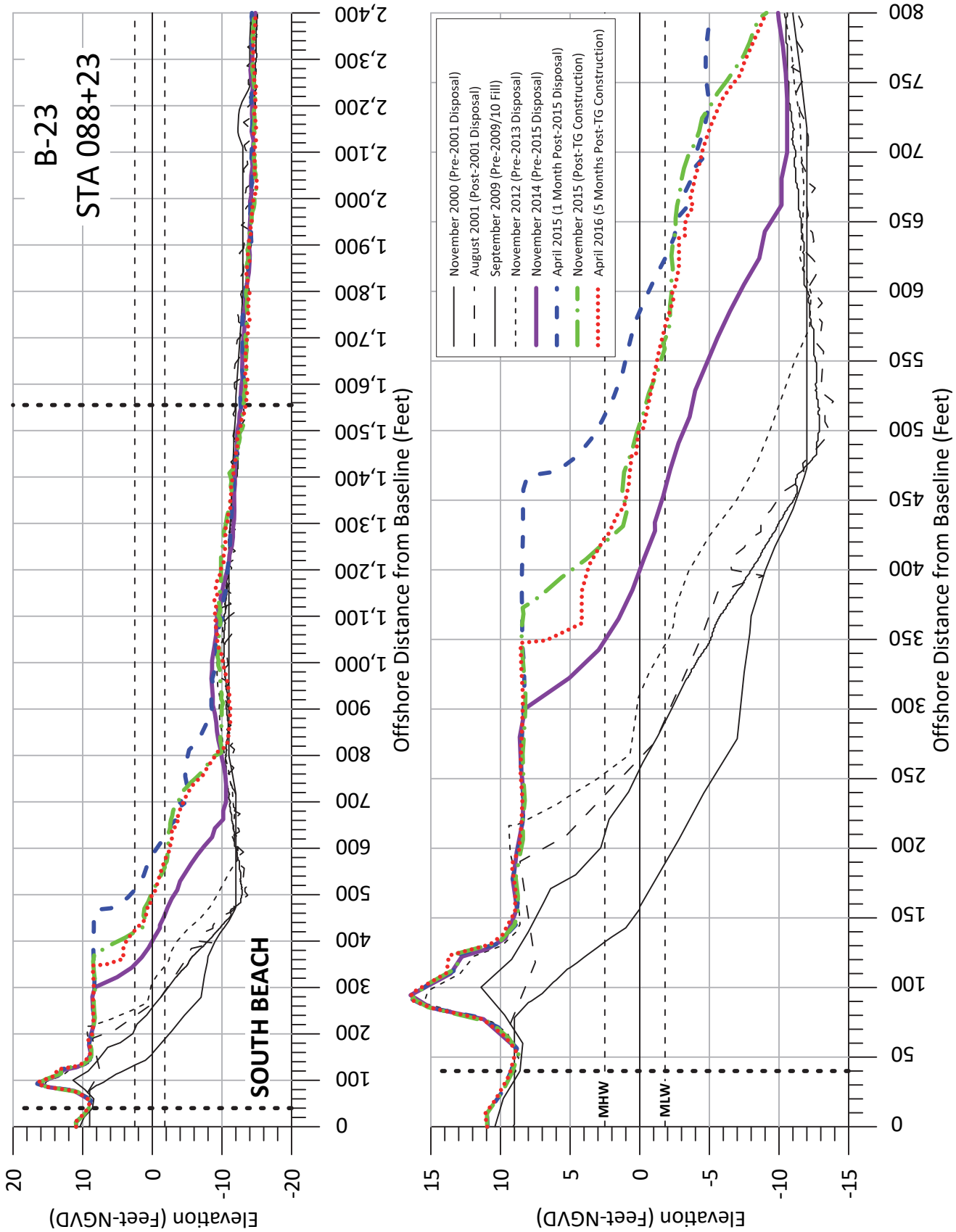

Figure A-37: Measured beach profiles at baseline **Station 088+23**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

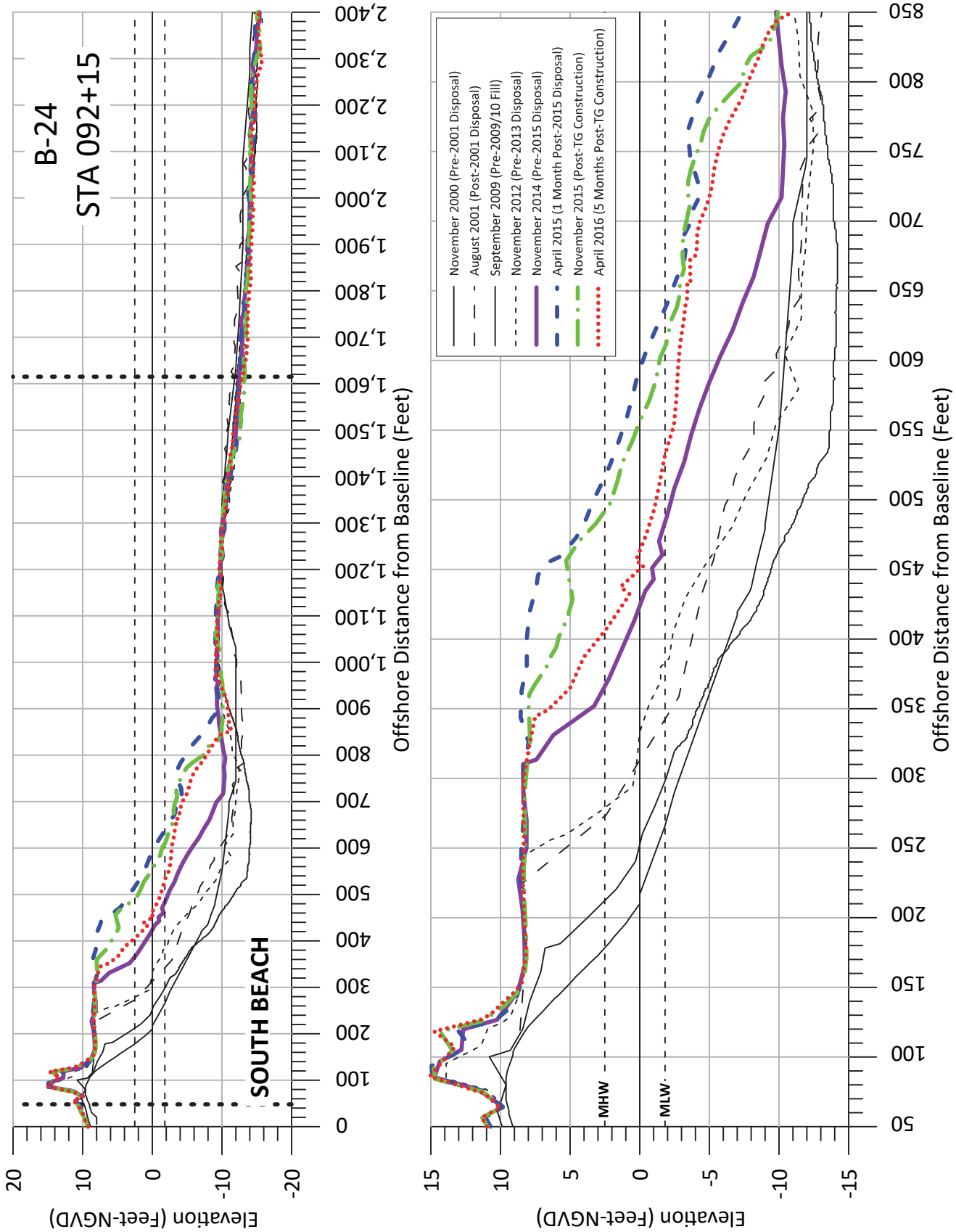

Figure A-38: Measured beach profiles at baseline **Station 092+15**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

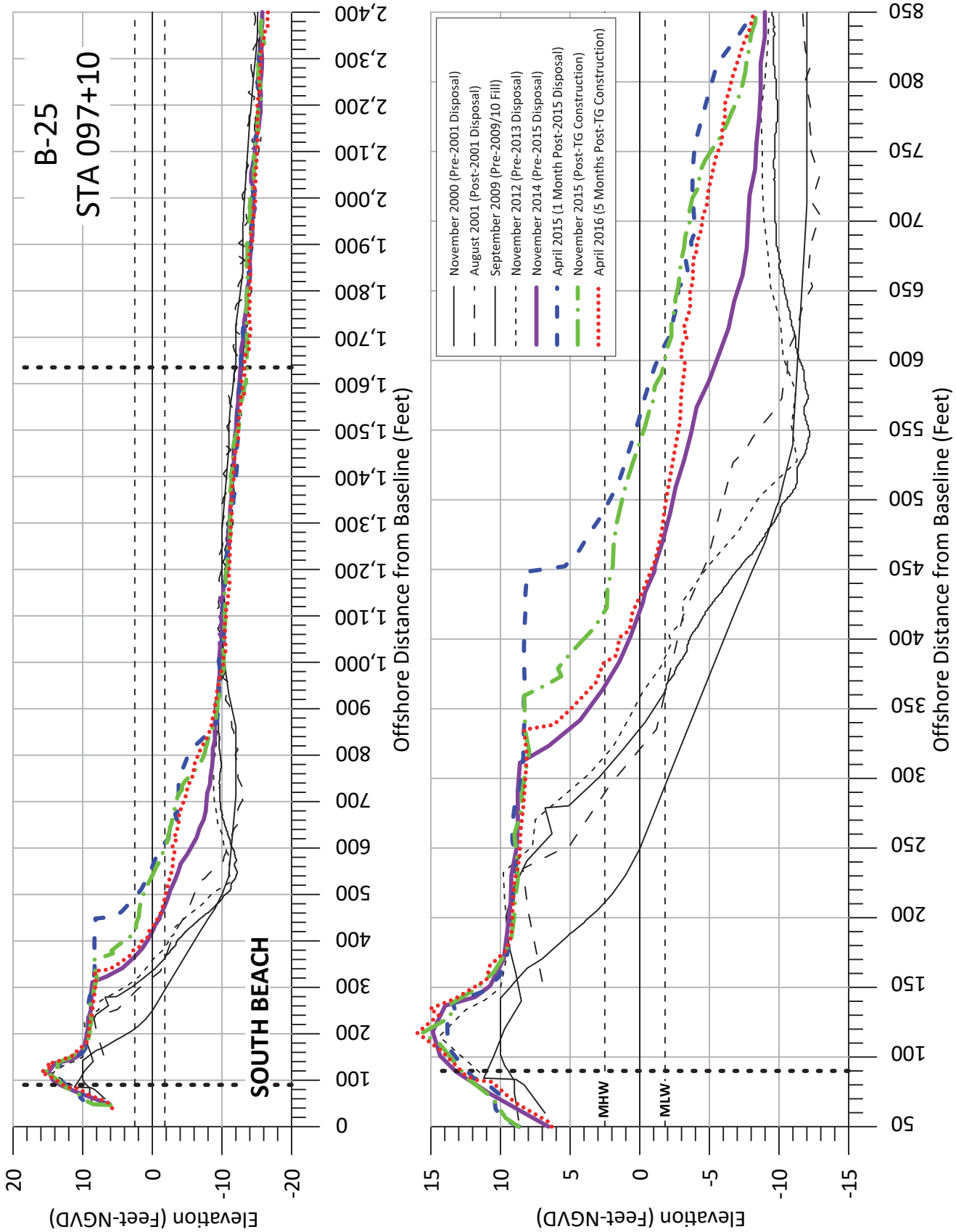

Figure A-39: Measured beach profiles at baseline **Station 097+10**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

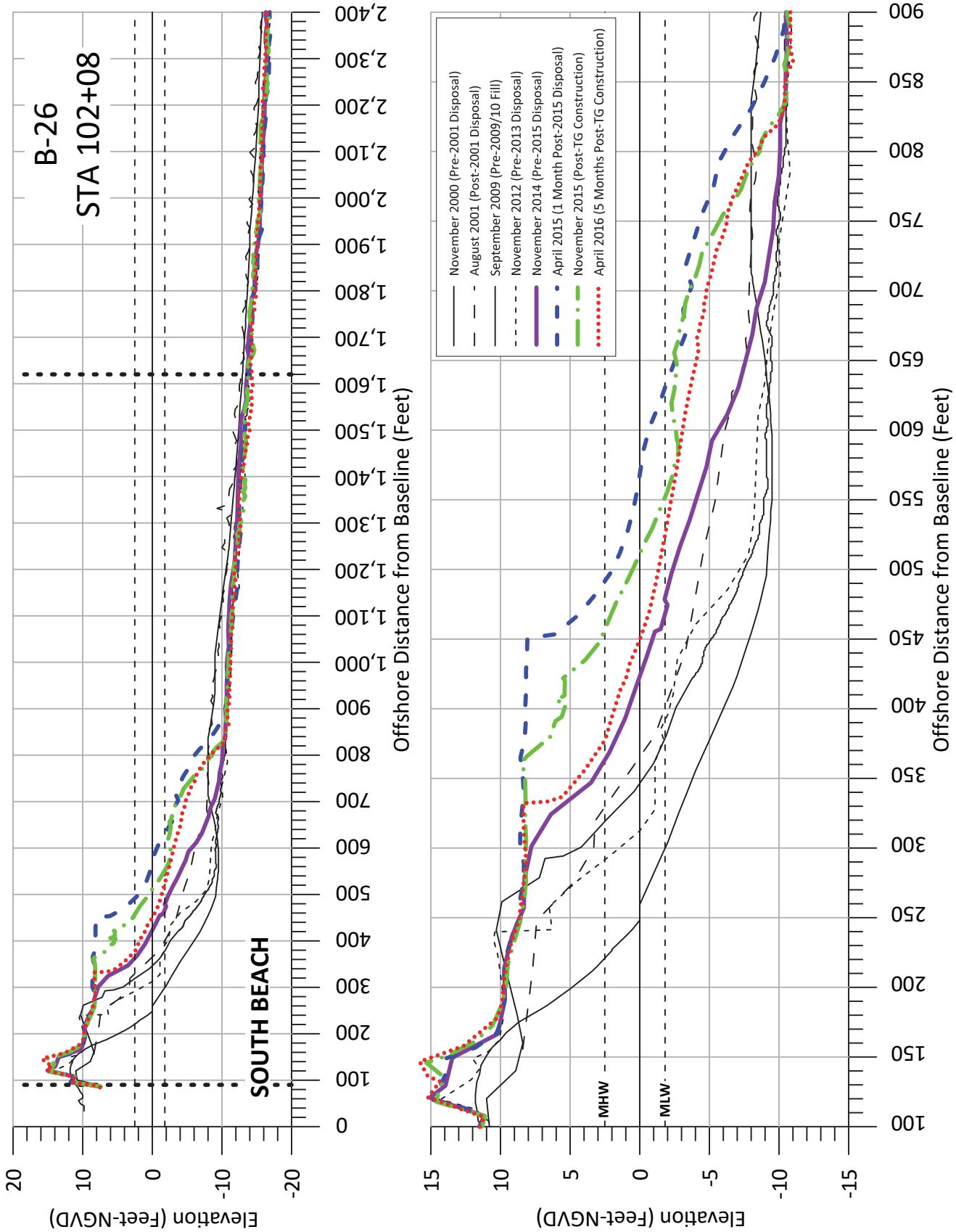

Figure A-40: Measured beach profiles at baseline **Station 102+08**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

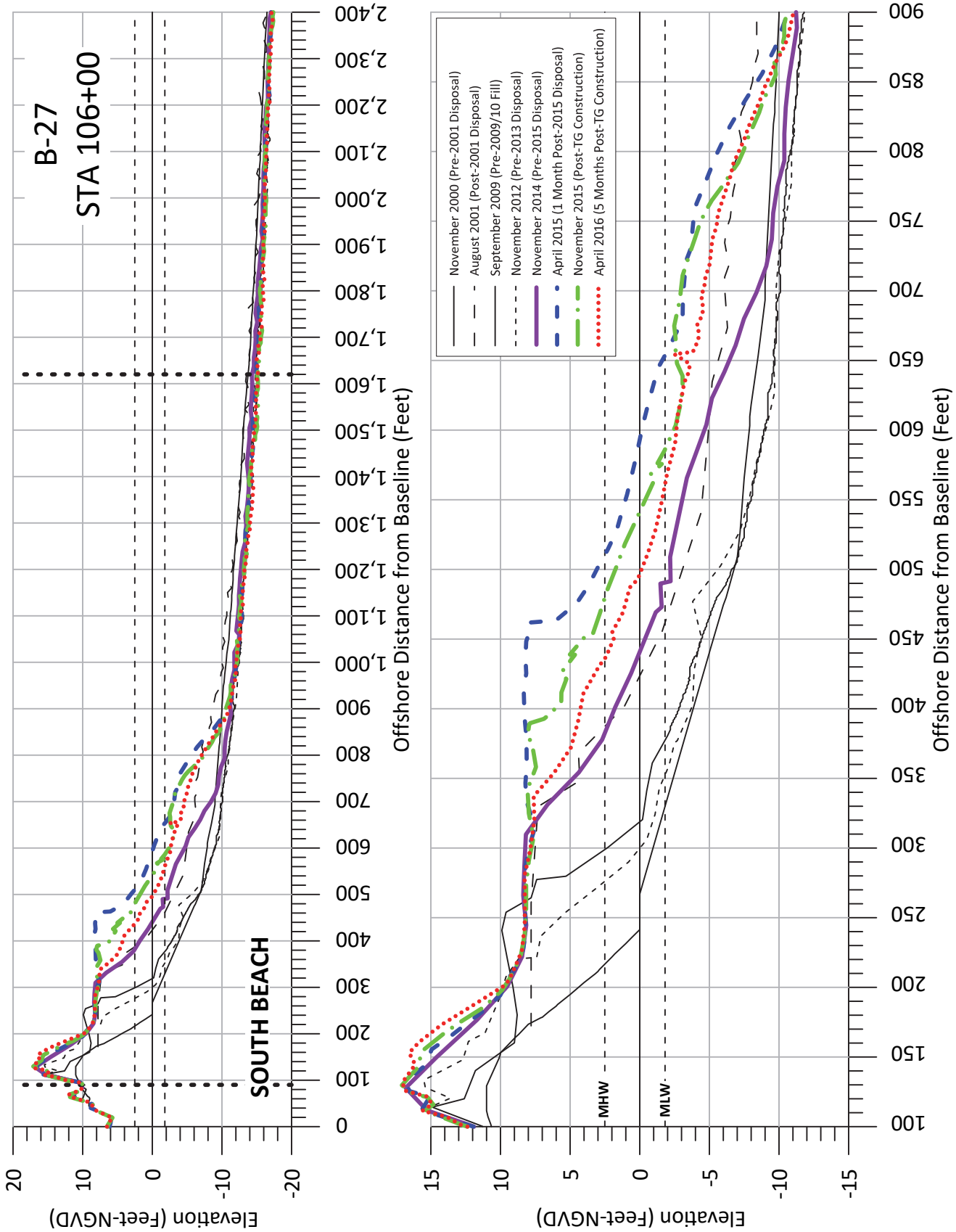

Figure A-41: Measured beach profiles at baseline **Station 106+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

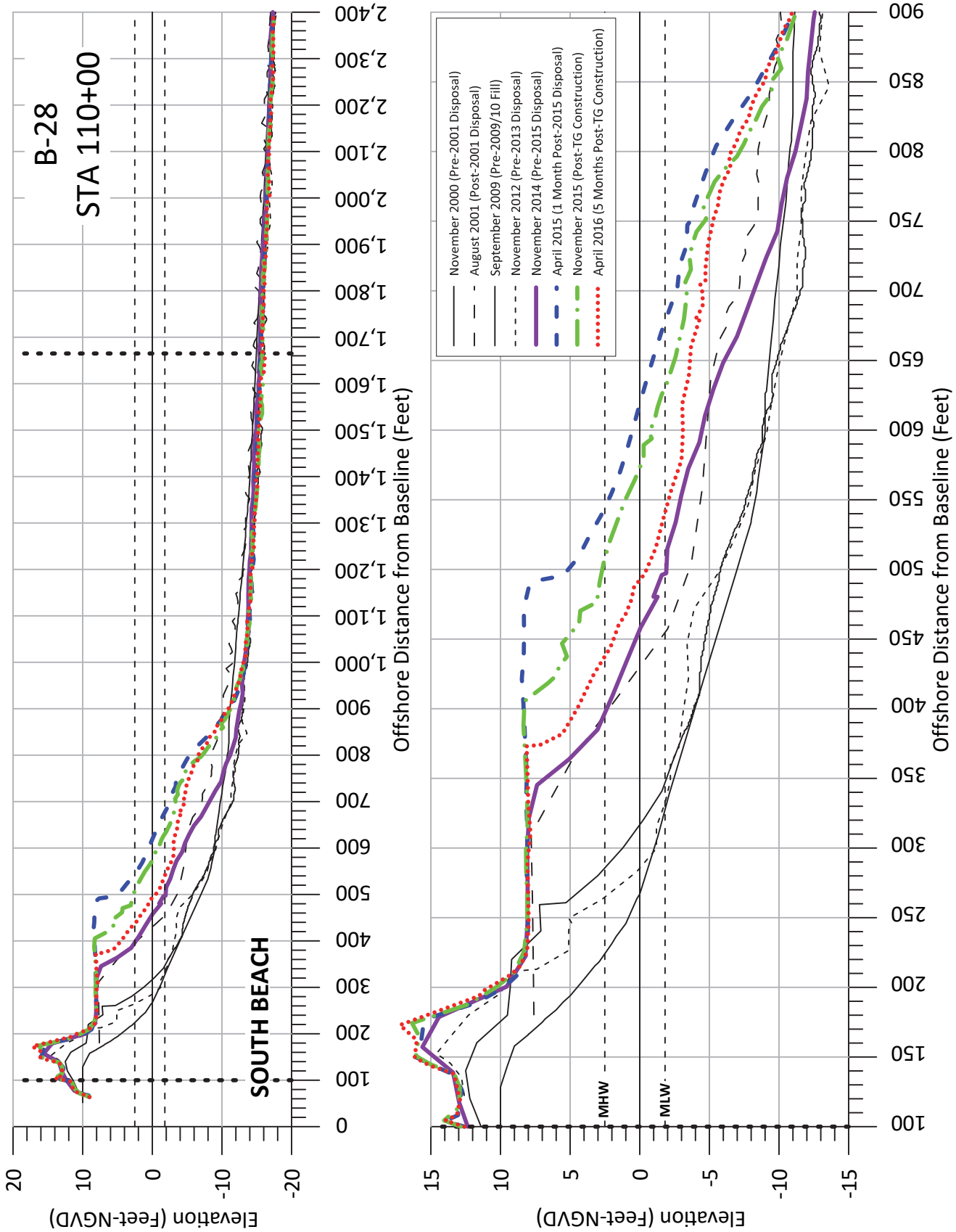

Figure A-42: Measured beach profiles at baseline **Station 110+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

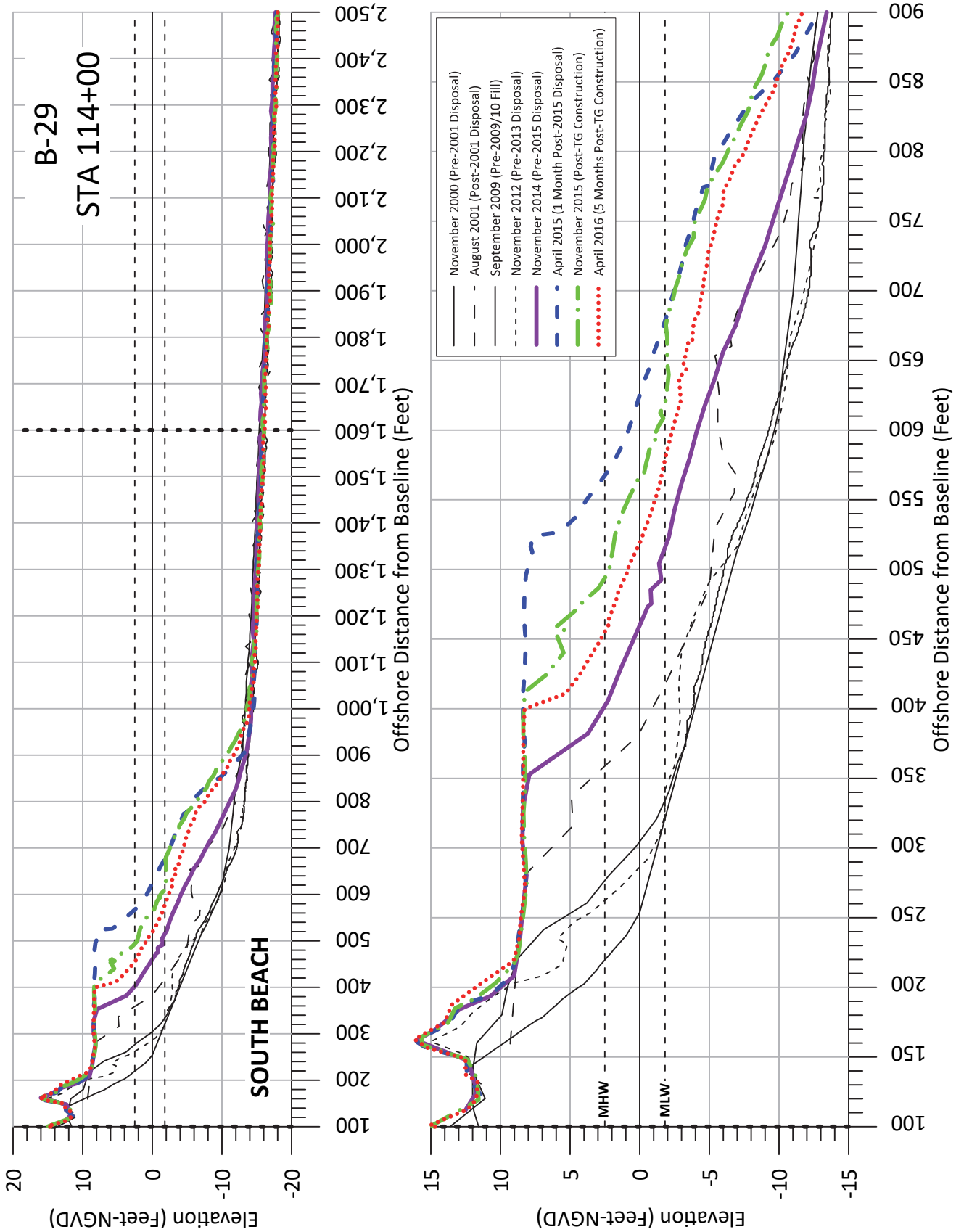

Figure A-43: Measured beach profiles at baseline **Station 114+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

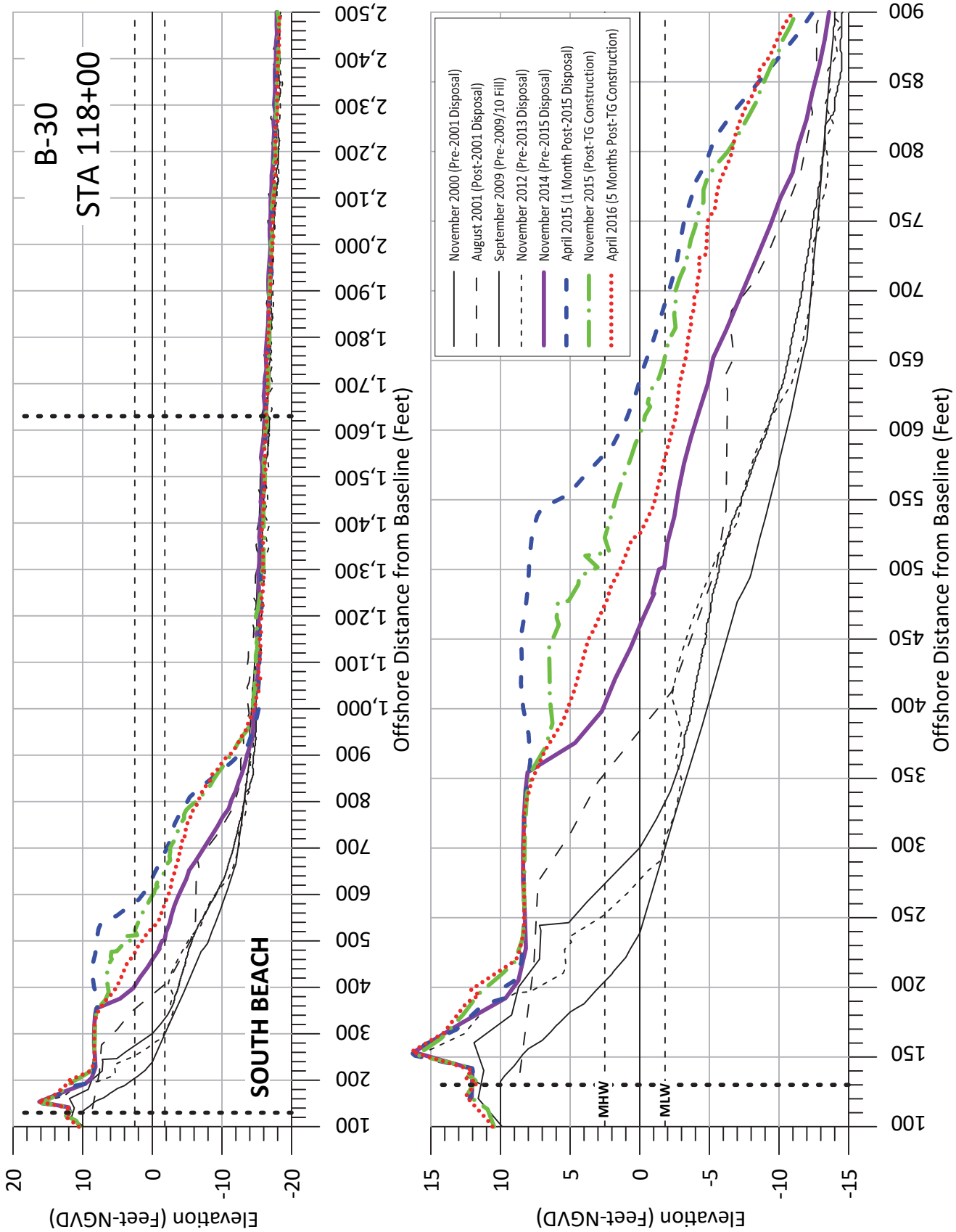

Figure A-44: Measured beach profiles at baseline **Station 118+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

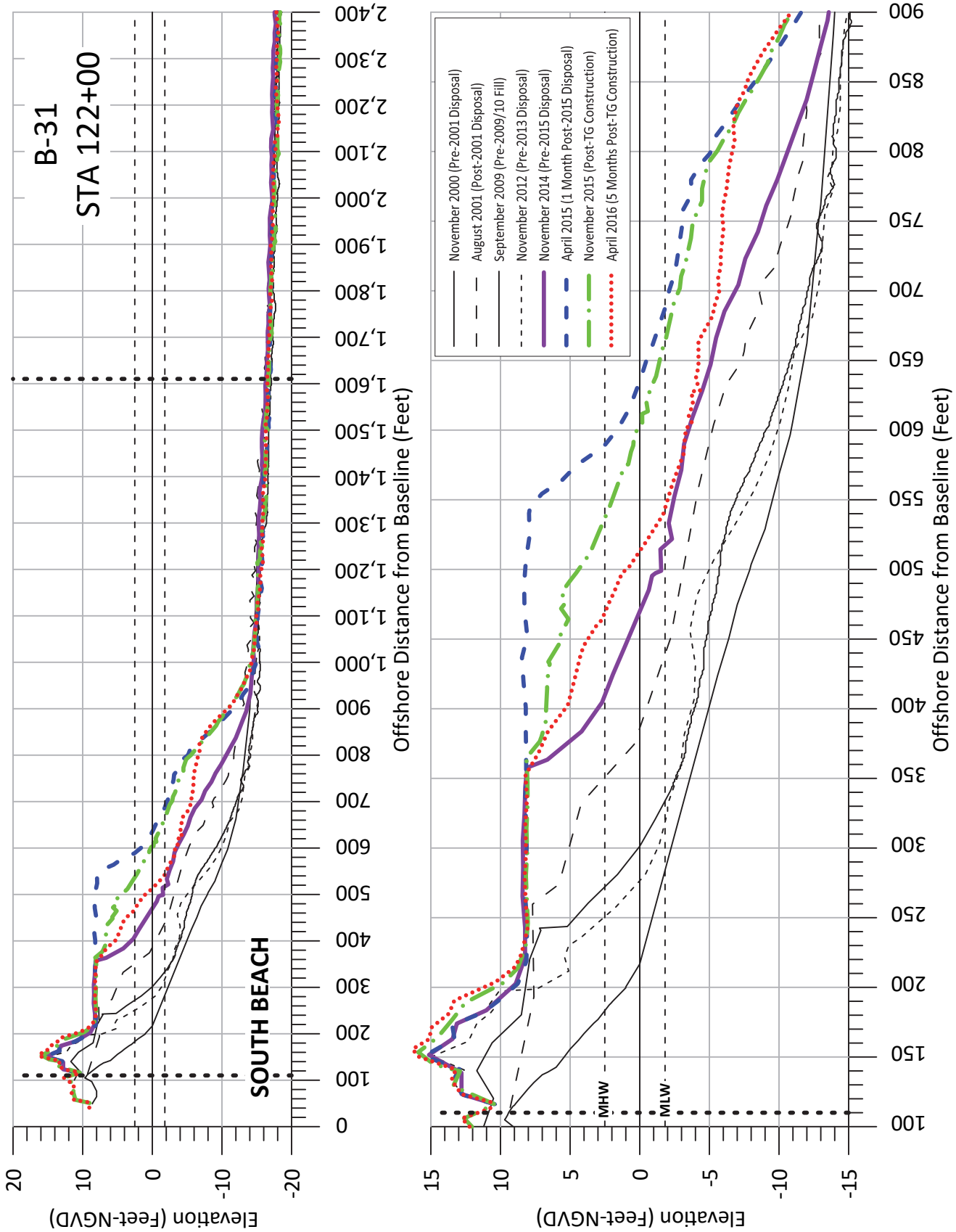

Figure A-45: Measured beach profiles at baseline **Station 122+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

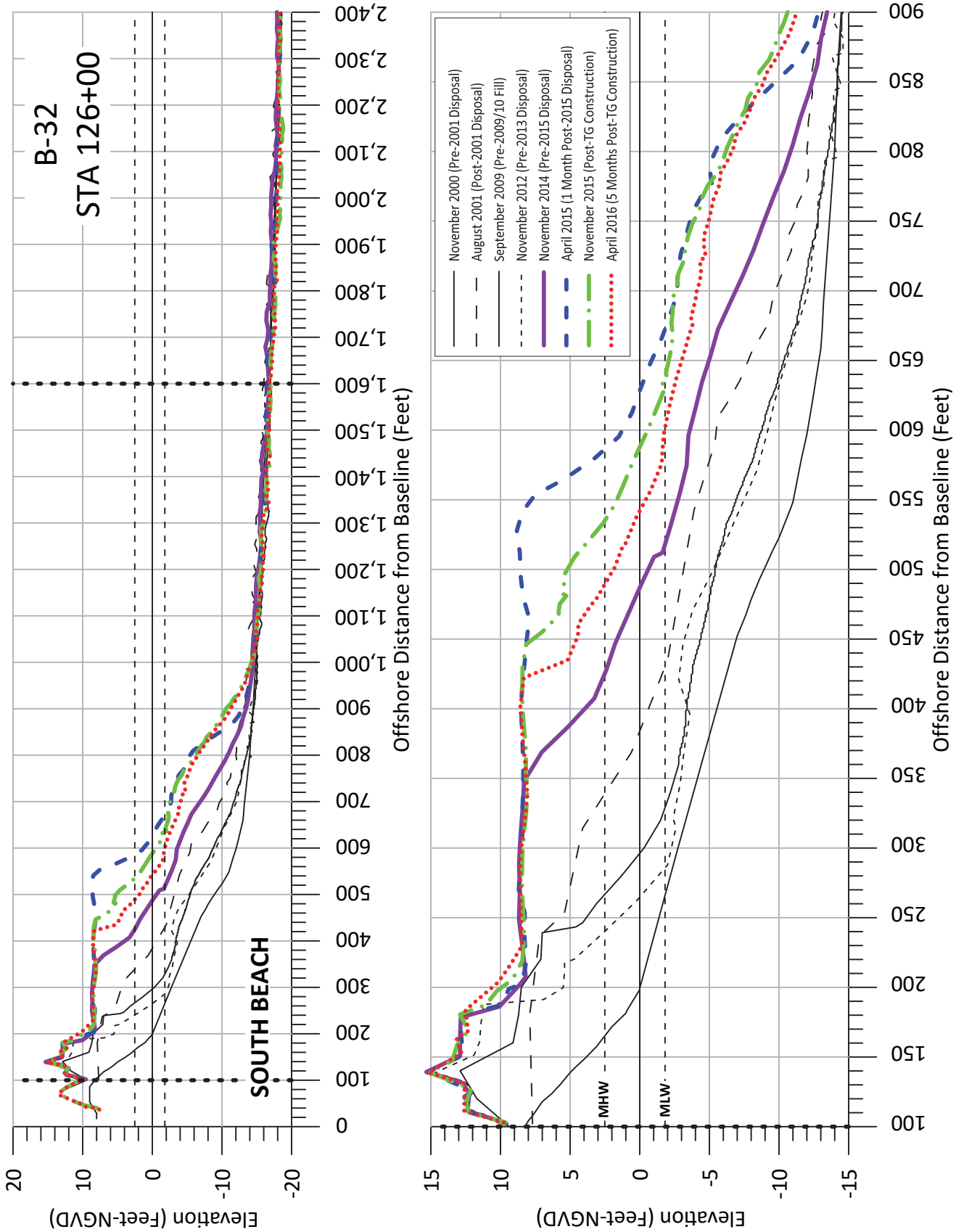

Figure A-46: Measured beach profiles at baseline **Station 126+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

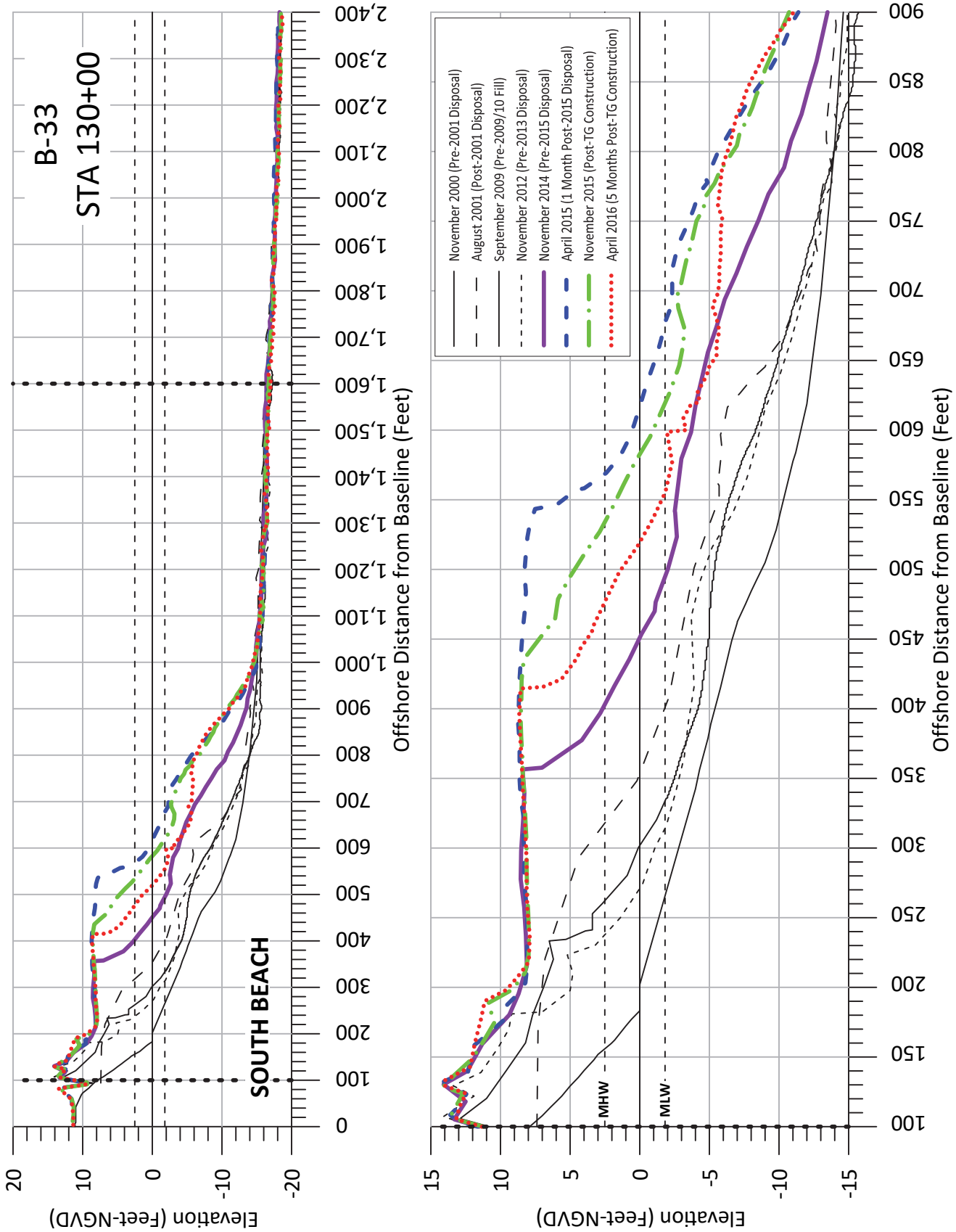

Figure A-47: Measured beach profiles at baseline **Station 130+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

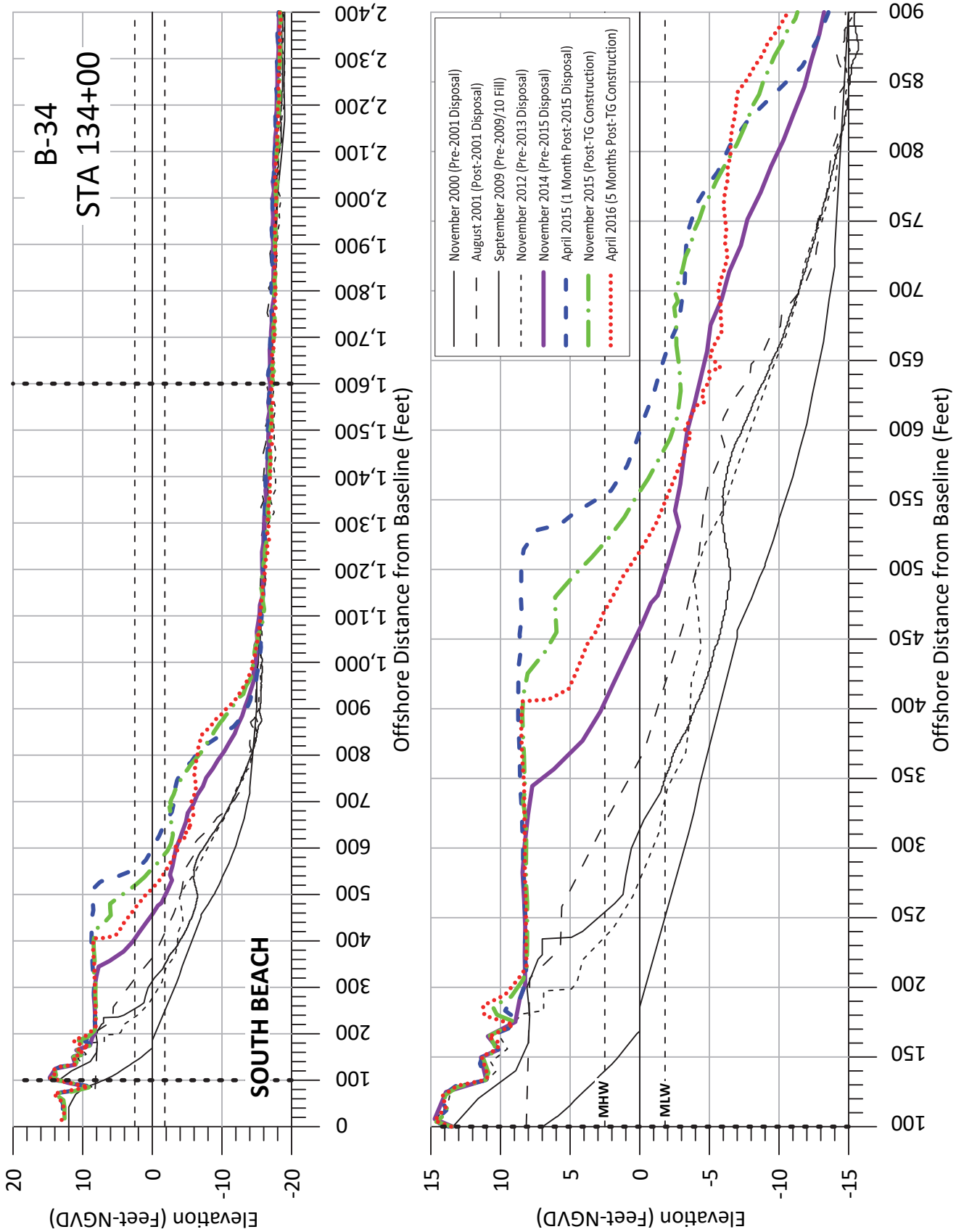

Figure A-48: Measured beach profiles at baseline **Station 134+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

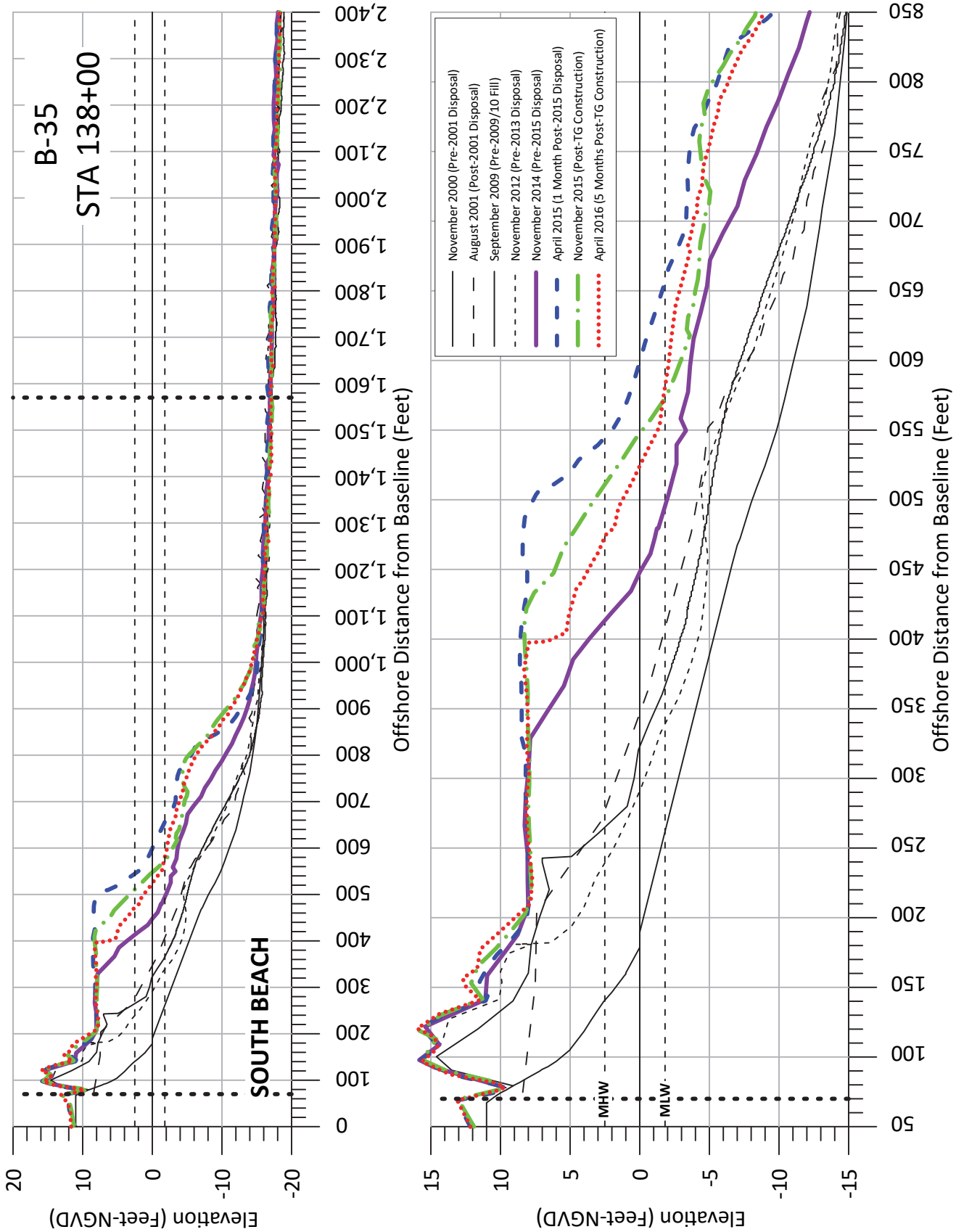

Figure A-49: Measured beach profiles at baseline **Station 138+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

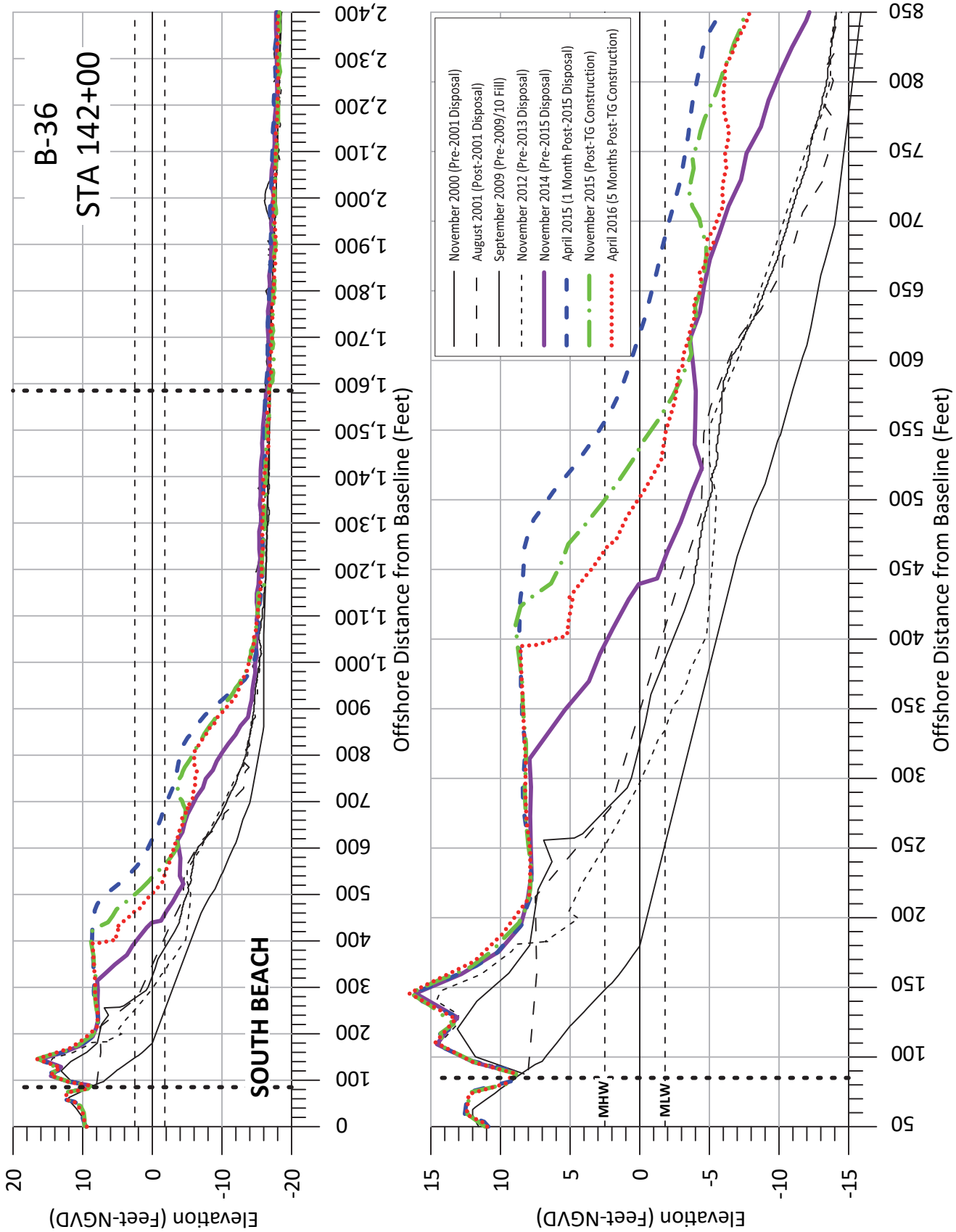

Figure A-50: Measured beach profiles at baseline **Station 142+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

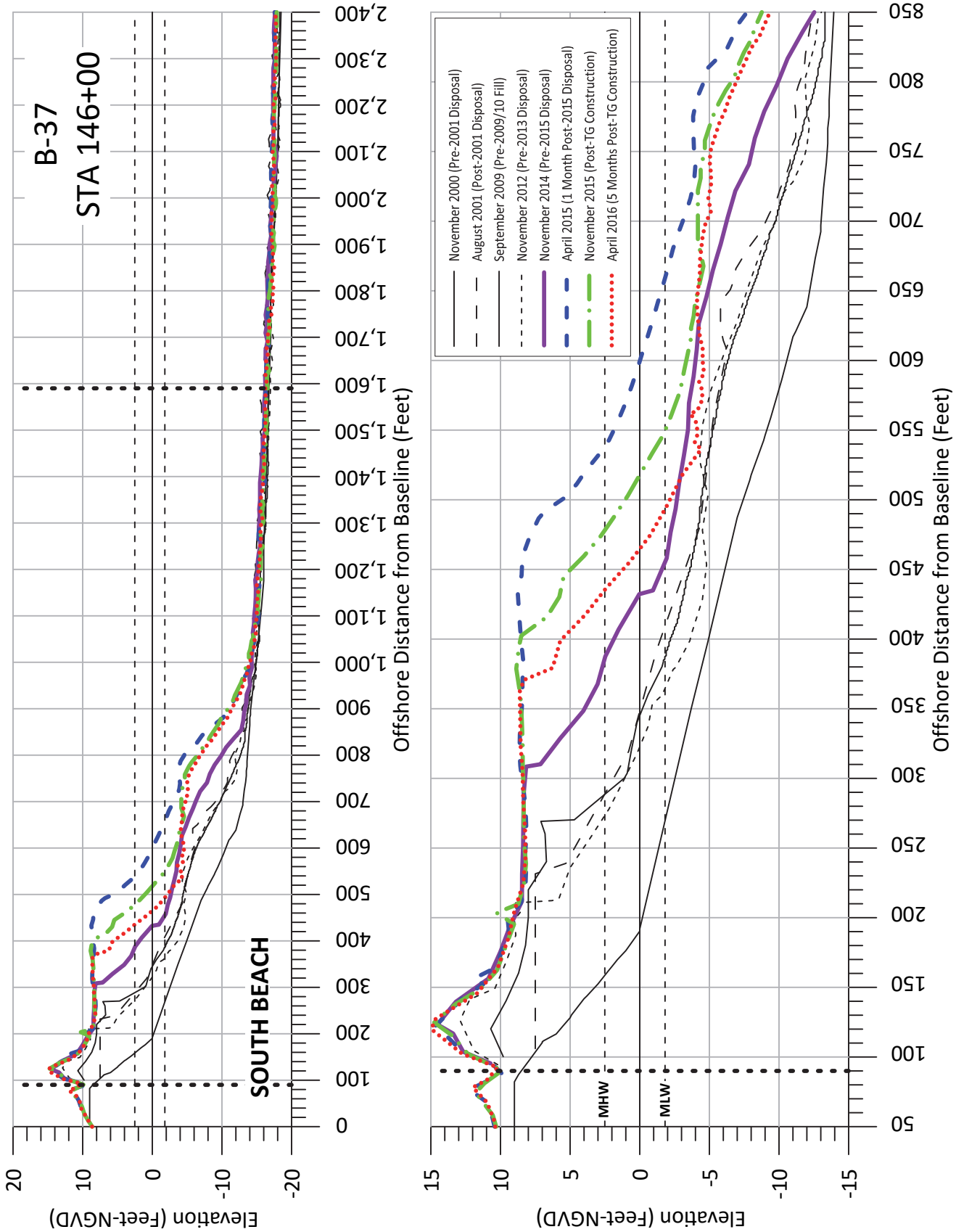

Figure A-51: Measured beach profiles at baseline **Station 146+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

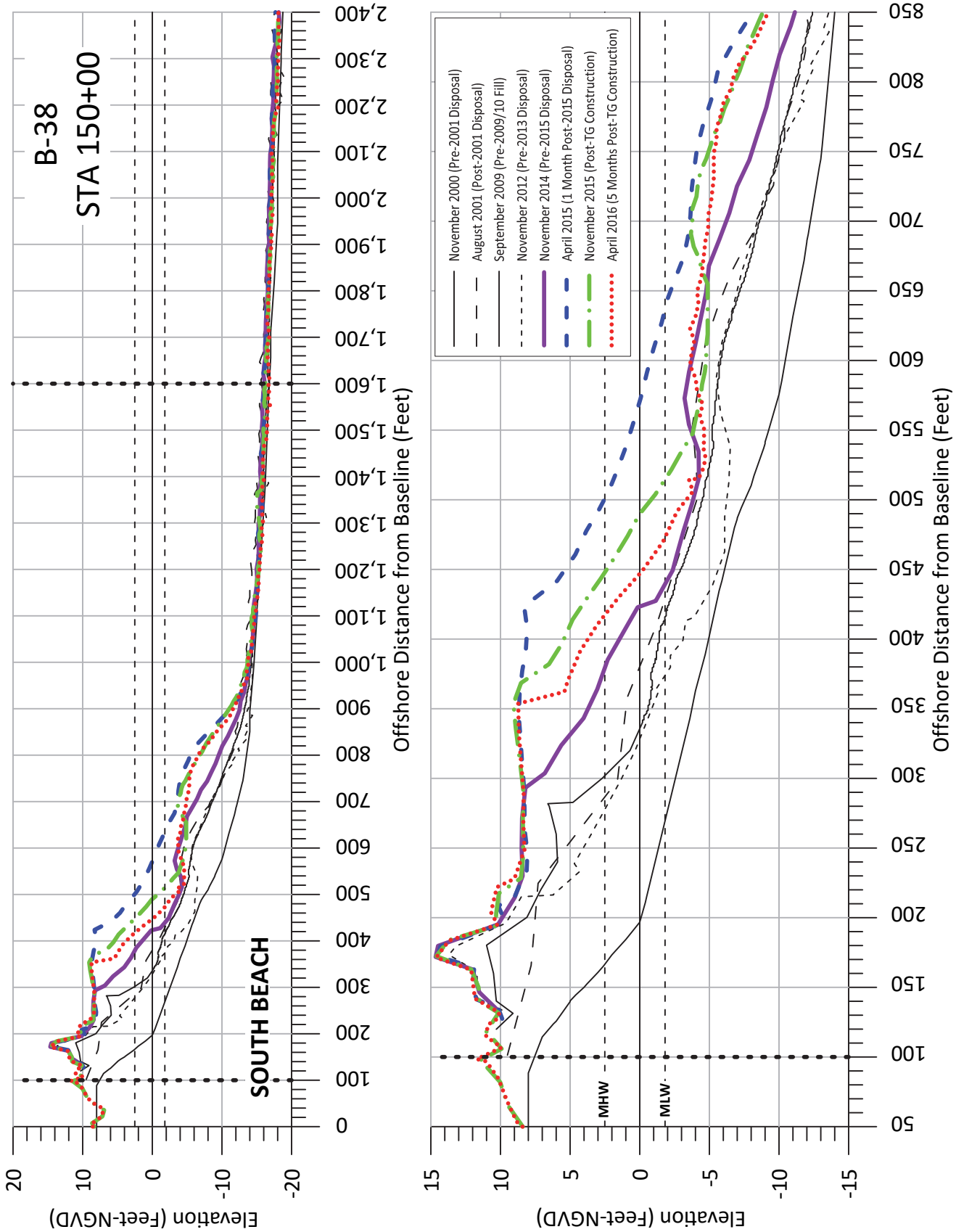

Figure A-52: Measured beach profiles at baseline **Station 150+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

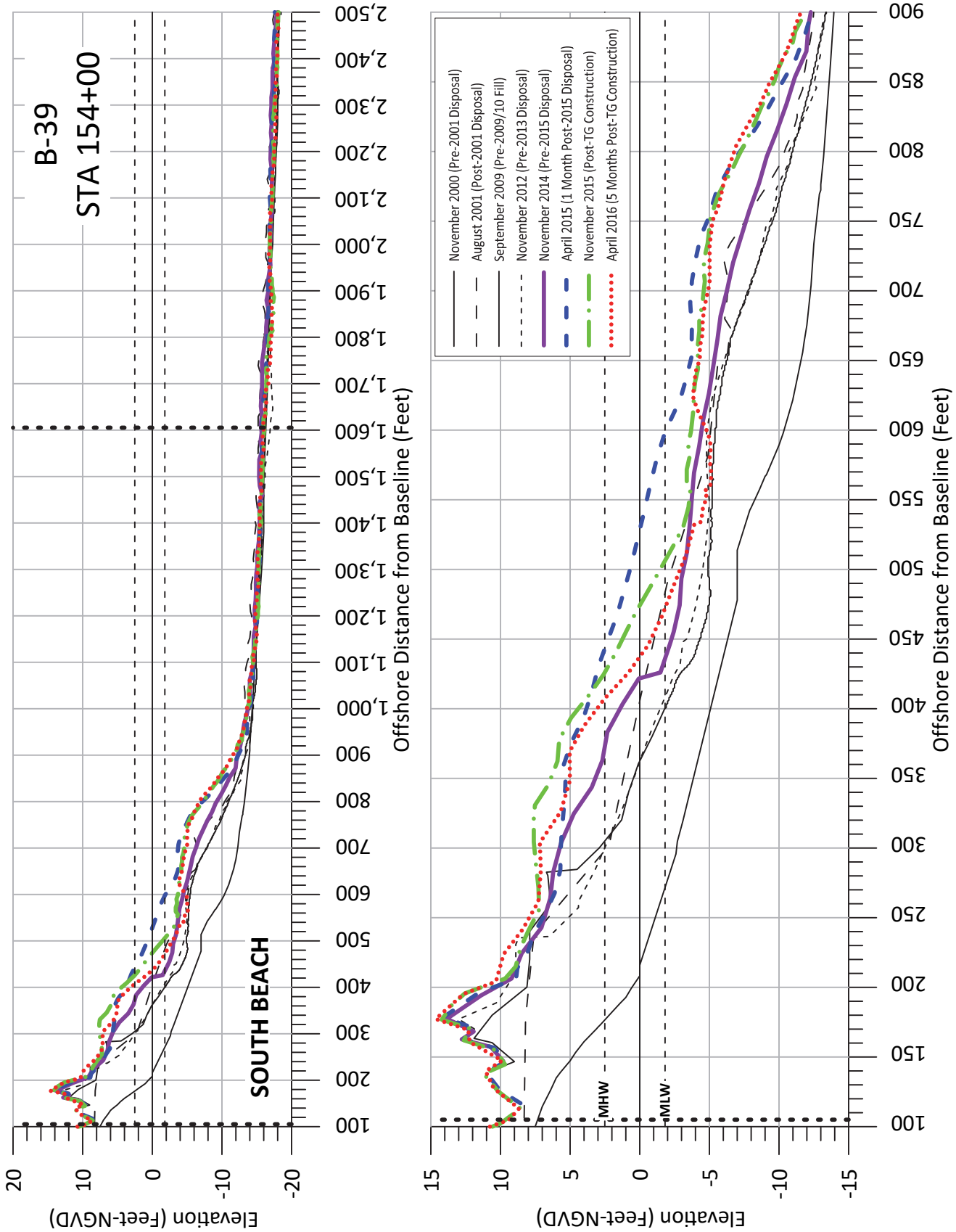

Figure A-53: Measured beach profiles at baseline **Station 154+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

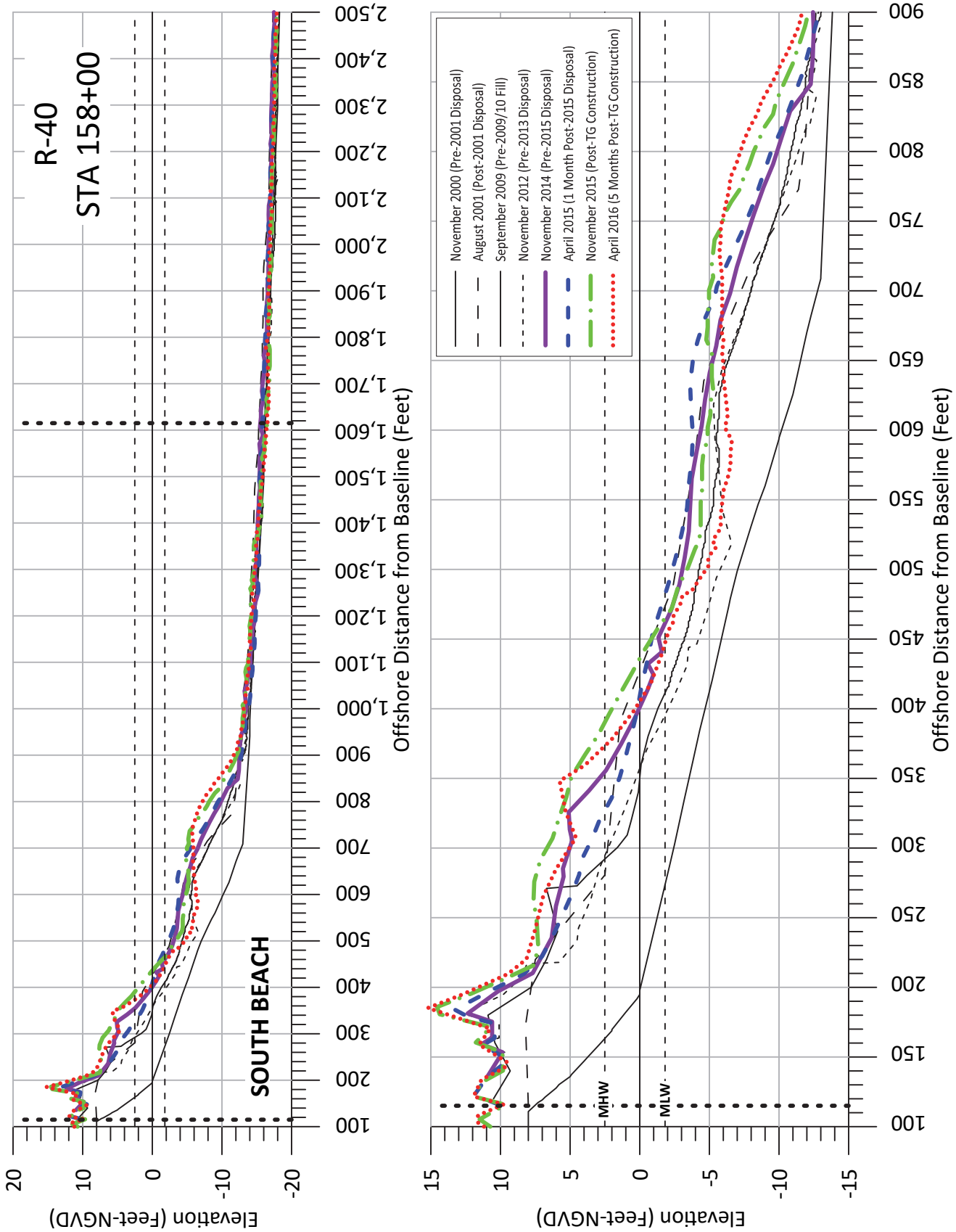

Figure A-54: Measured beach profiles at baseline **Station 158+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

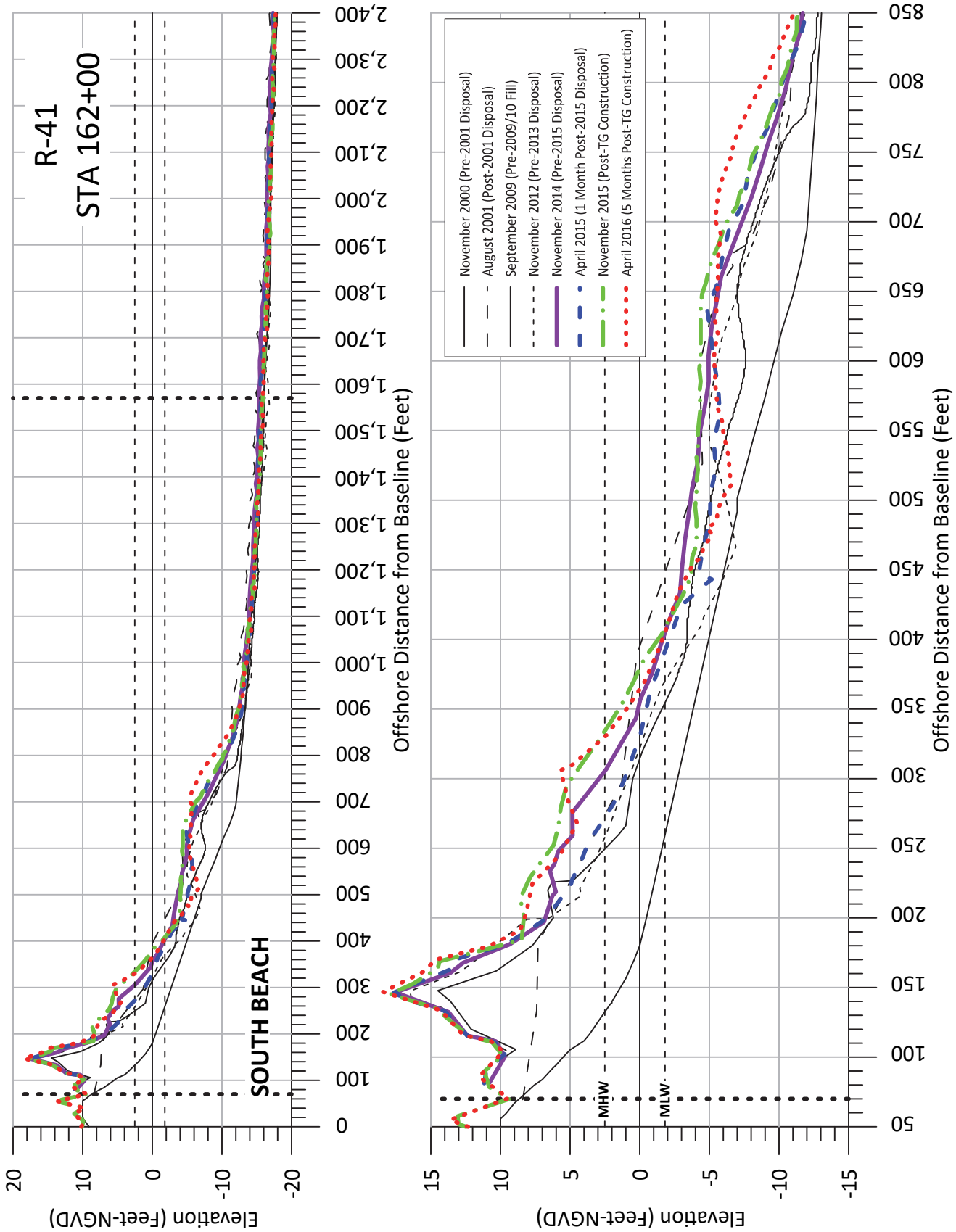

Figure A-55: Measured beach profiles at baseline **Station 162+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

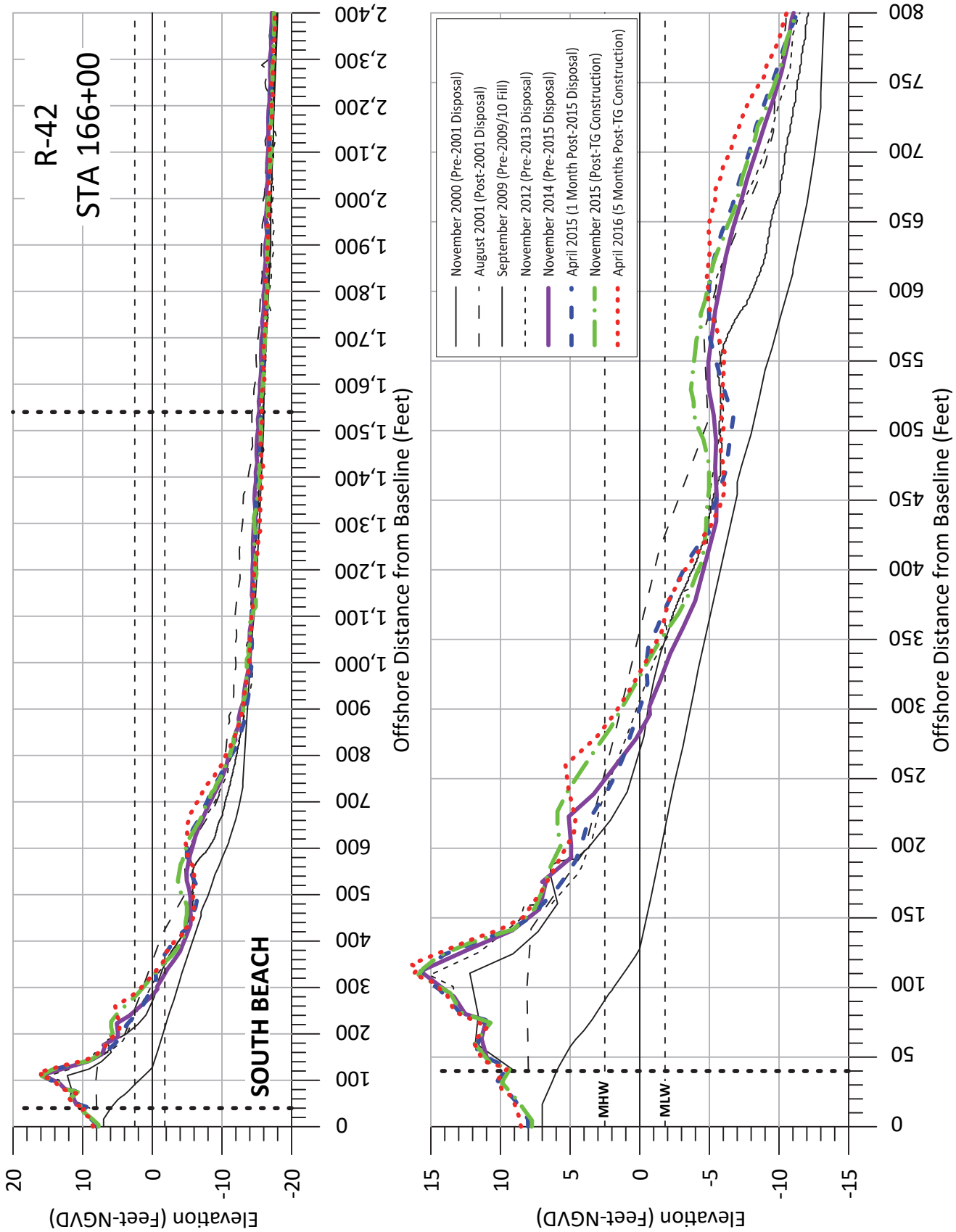

Figure A-56: Measured beach profiles at baseline **Station 166+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

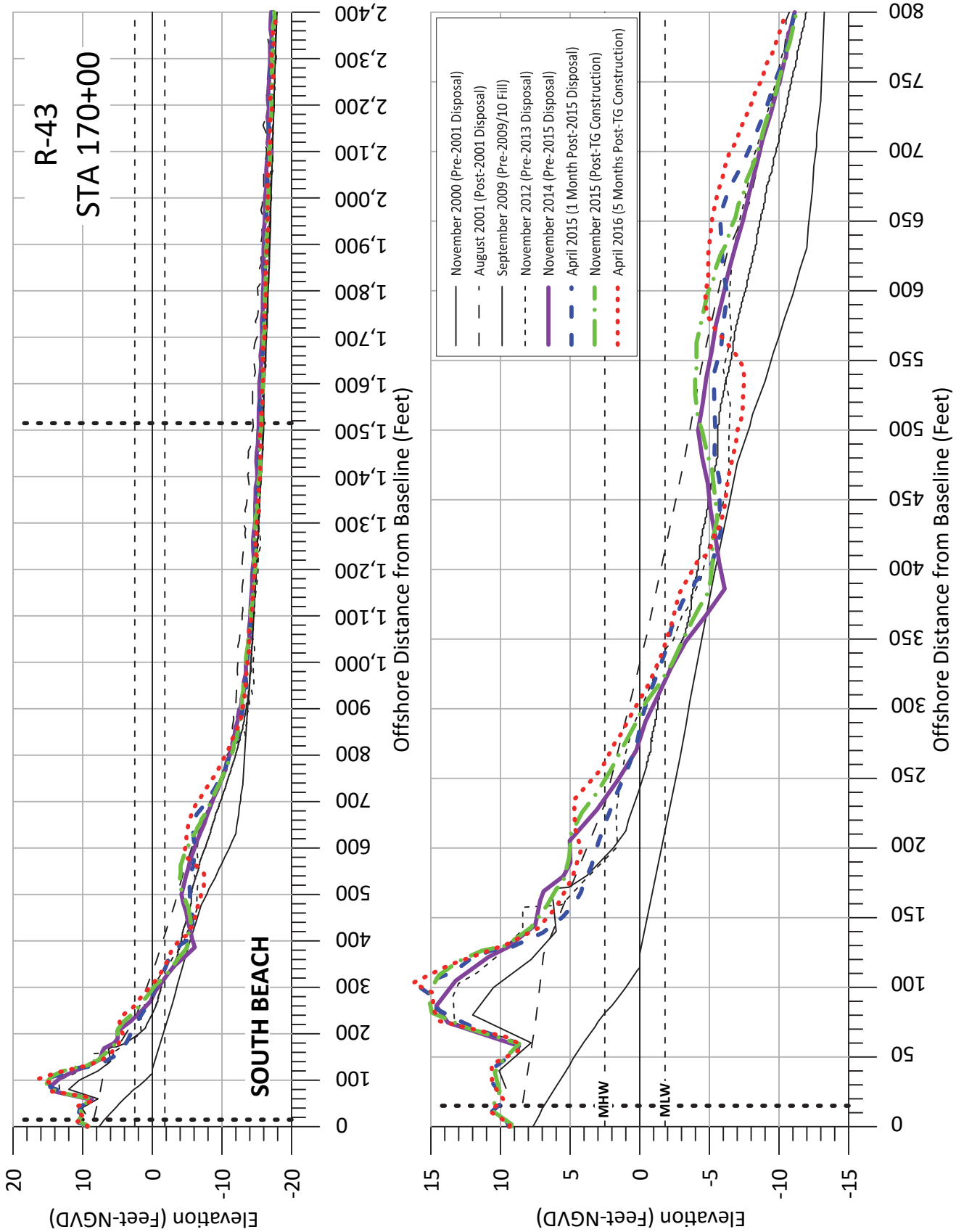

Figure A-57: Measured beach profiles at baseline **Station 170+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

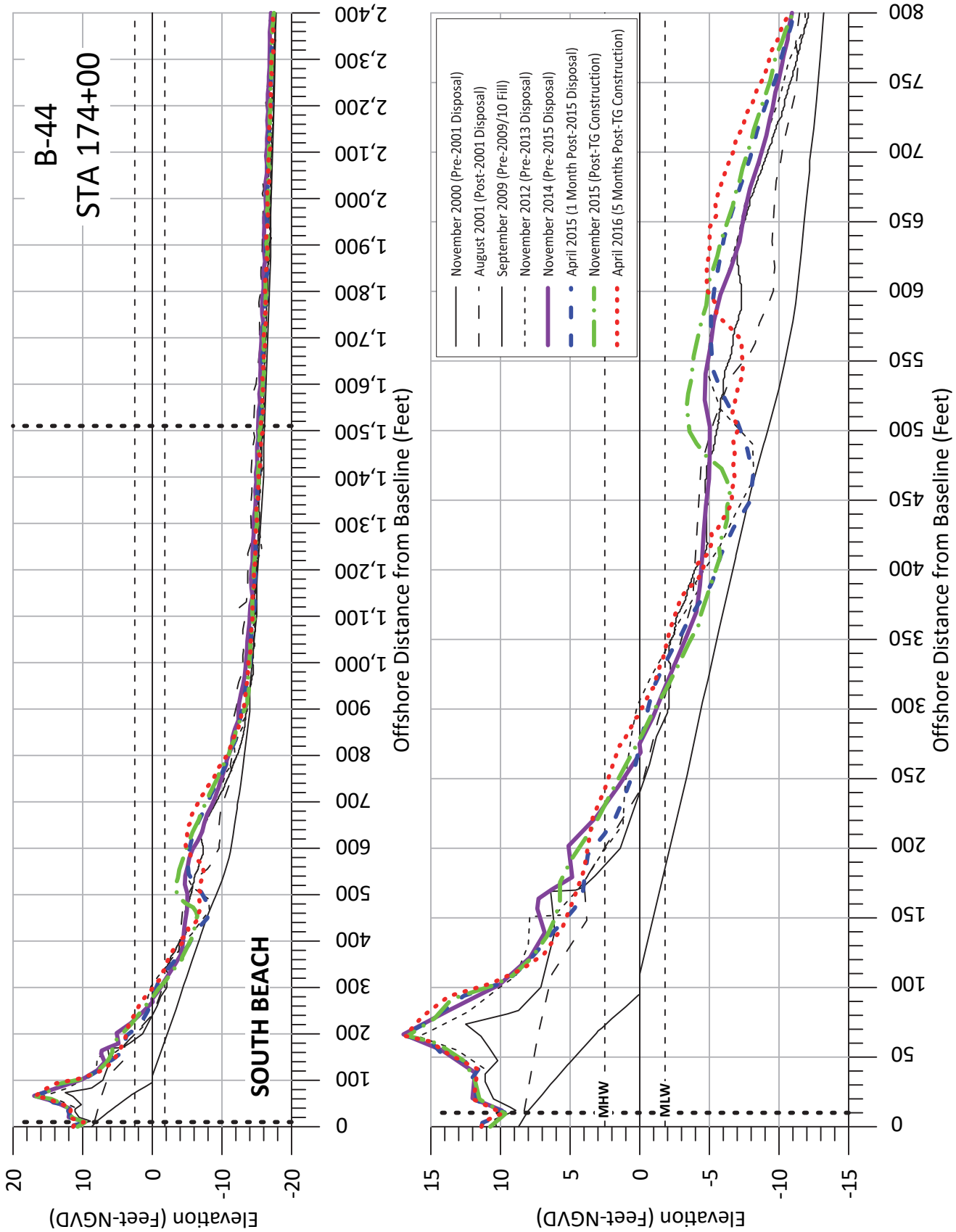

Figure A-58: Measured beach profiles at baseline **Station 174+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

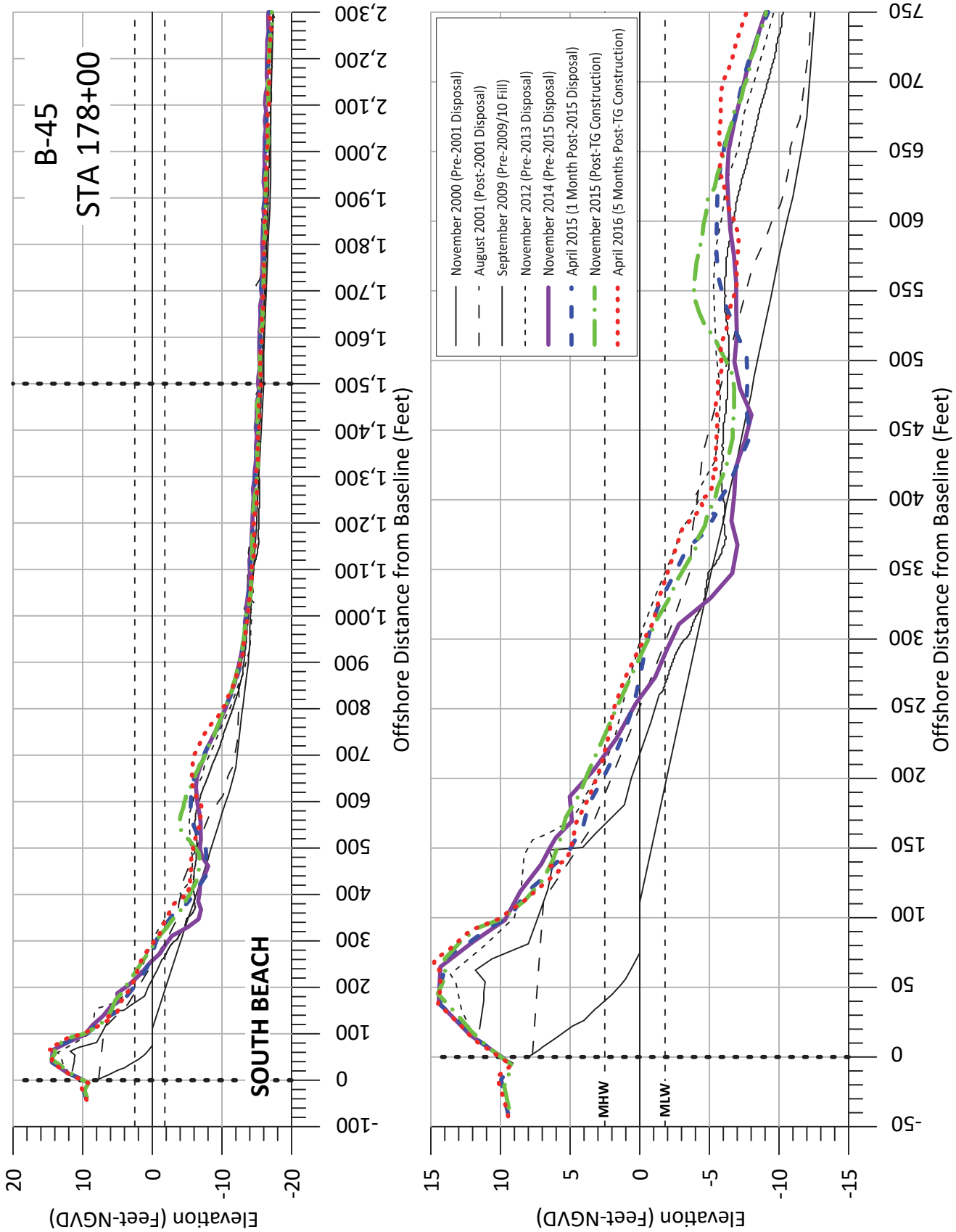

Figure A-59: Measured beach profiles at baseline **Station 178+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

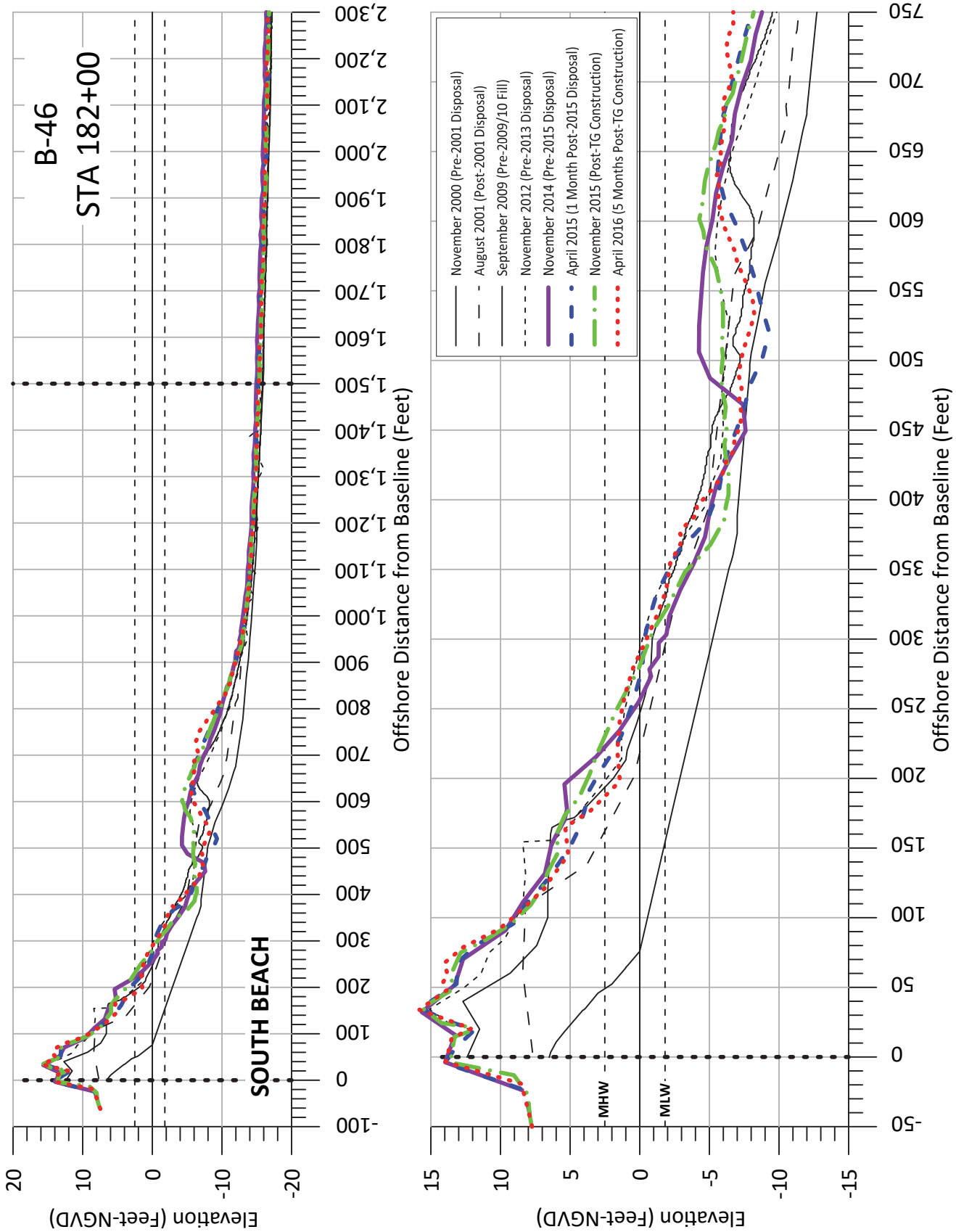

Figure A-60: Measured beach profiles at baseline **Station 182+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

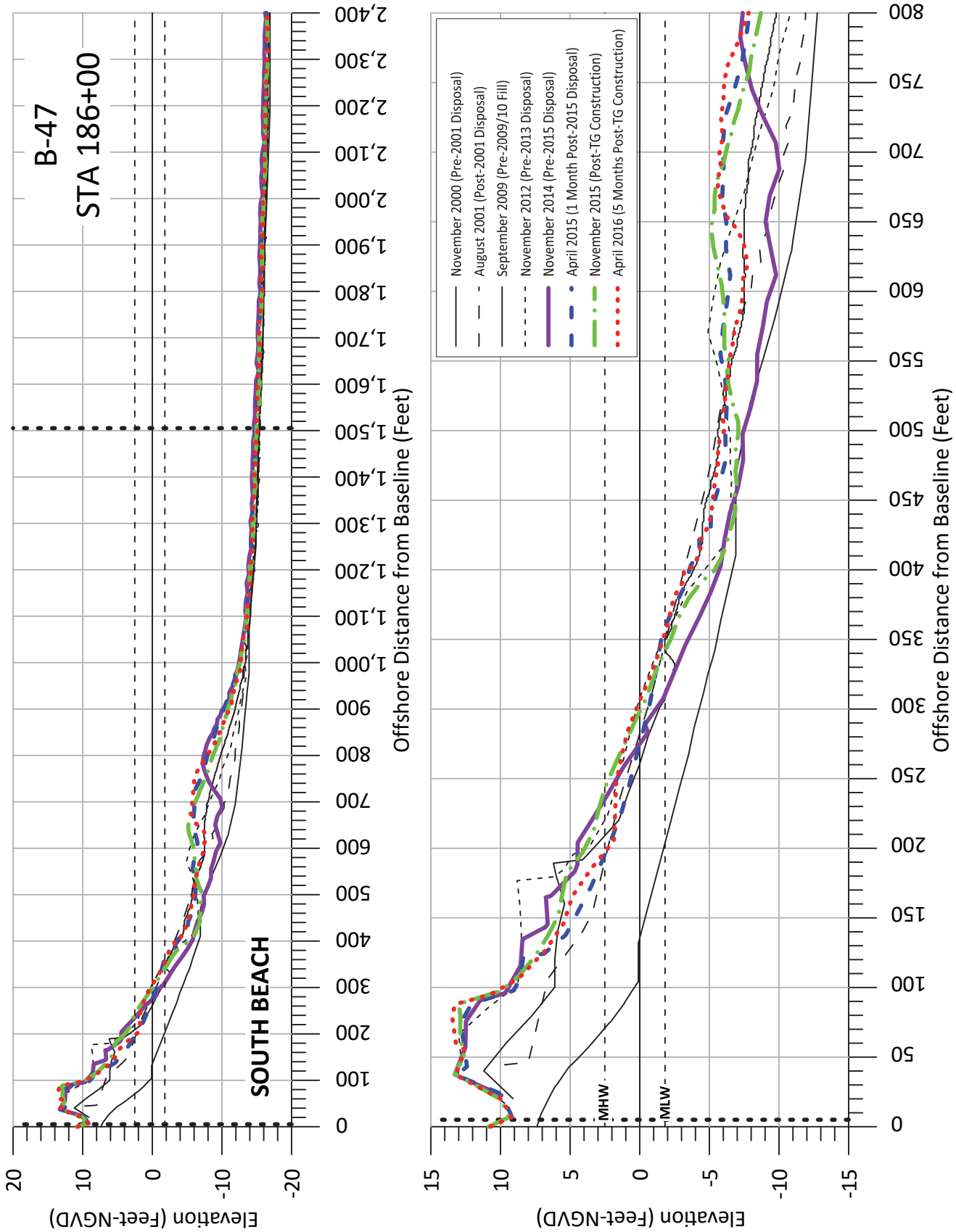

Figure A-61: Measured beach profiles at baseline **Station 186+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

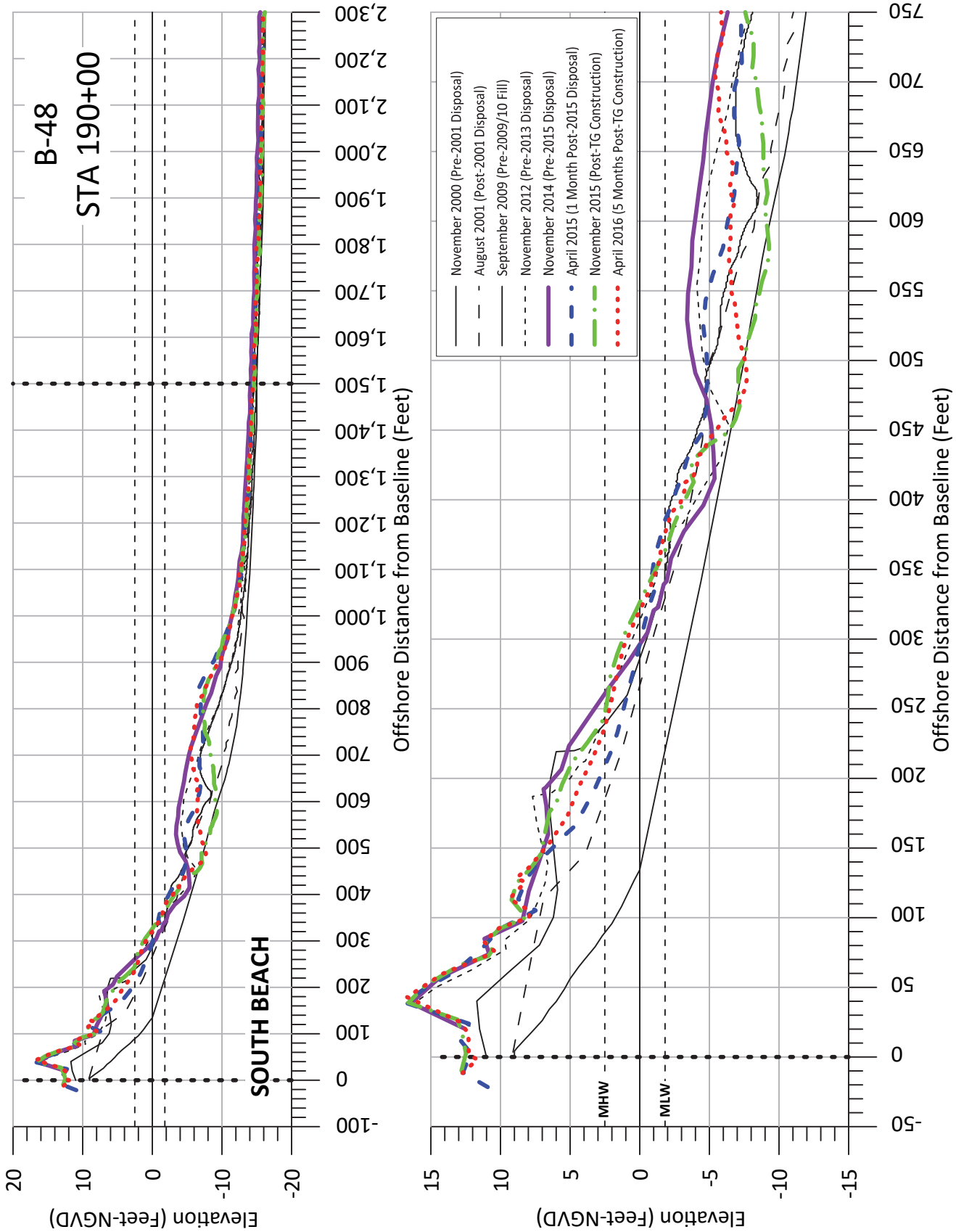

Figure A-62: Measured beach profiles at baseline **Station 190+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

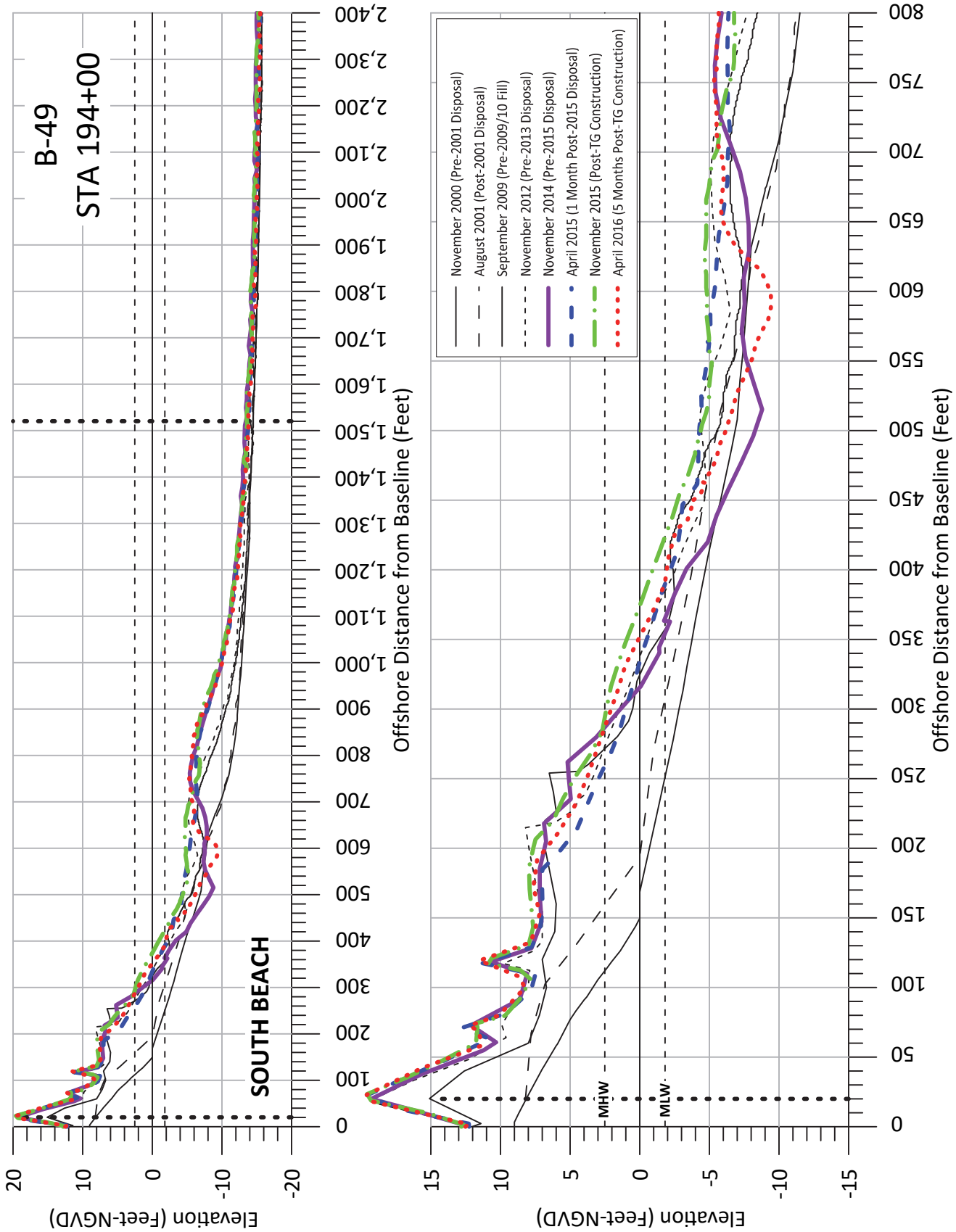

Figure A-63: Measured beach profiles at baseline **Station 194+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

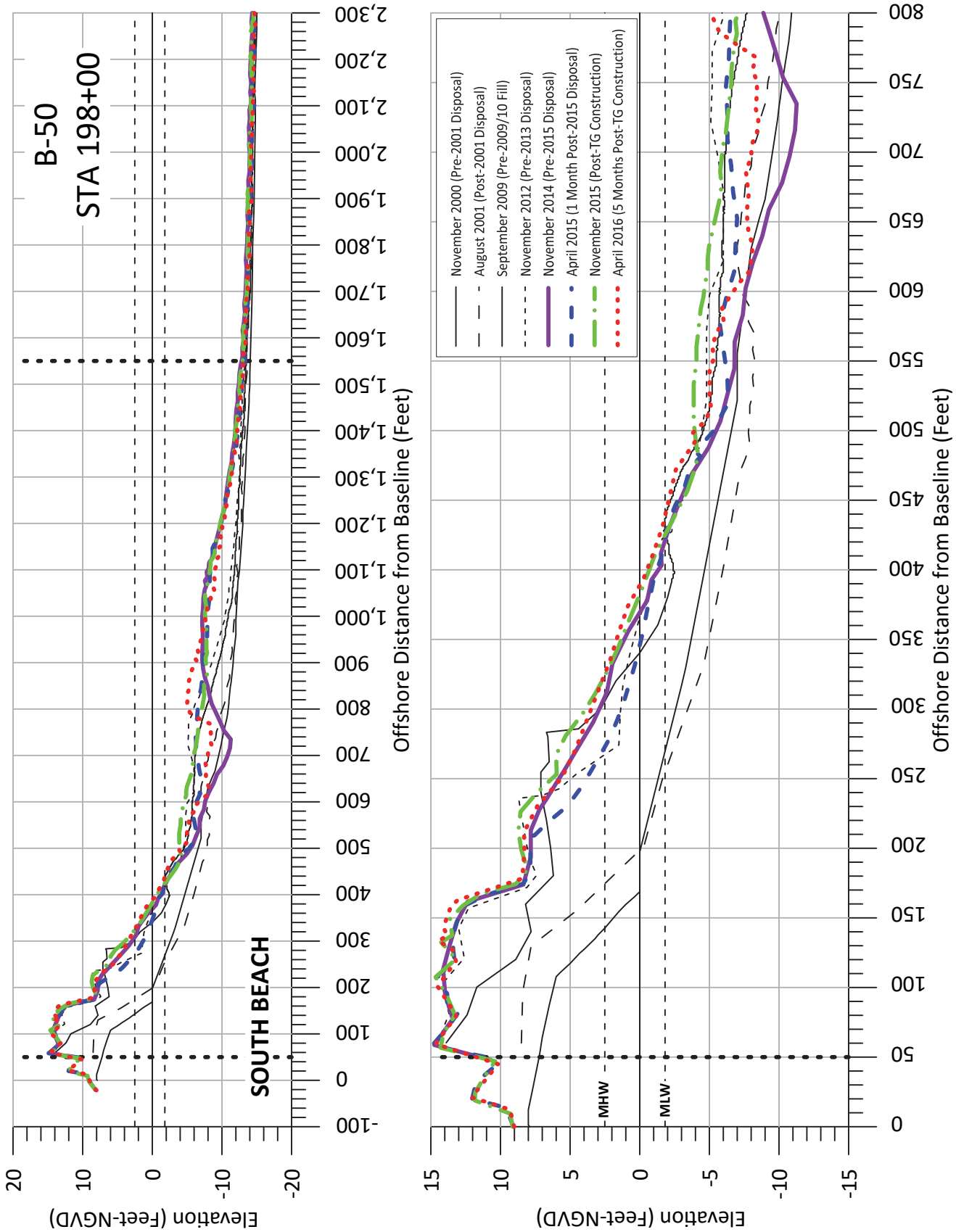

Figure A-64: Measured beach profiles at baseline **Station 198+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

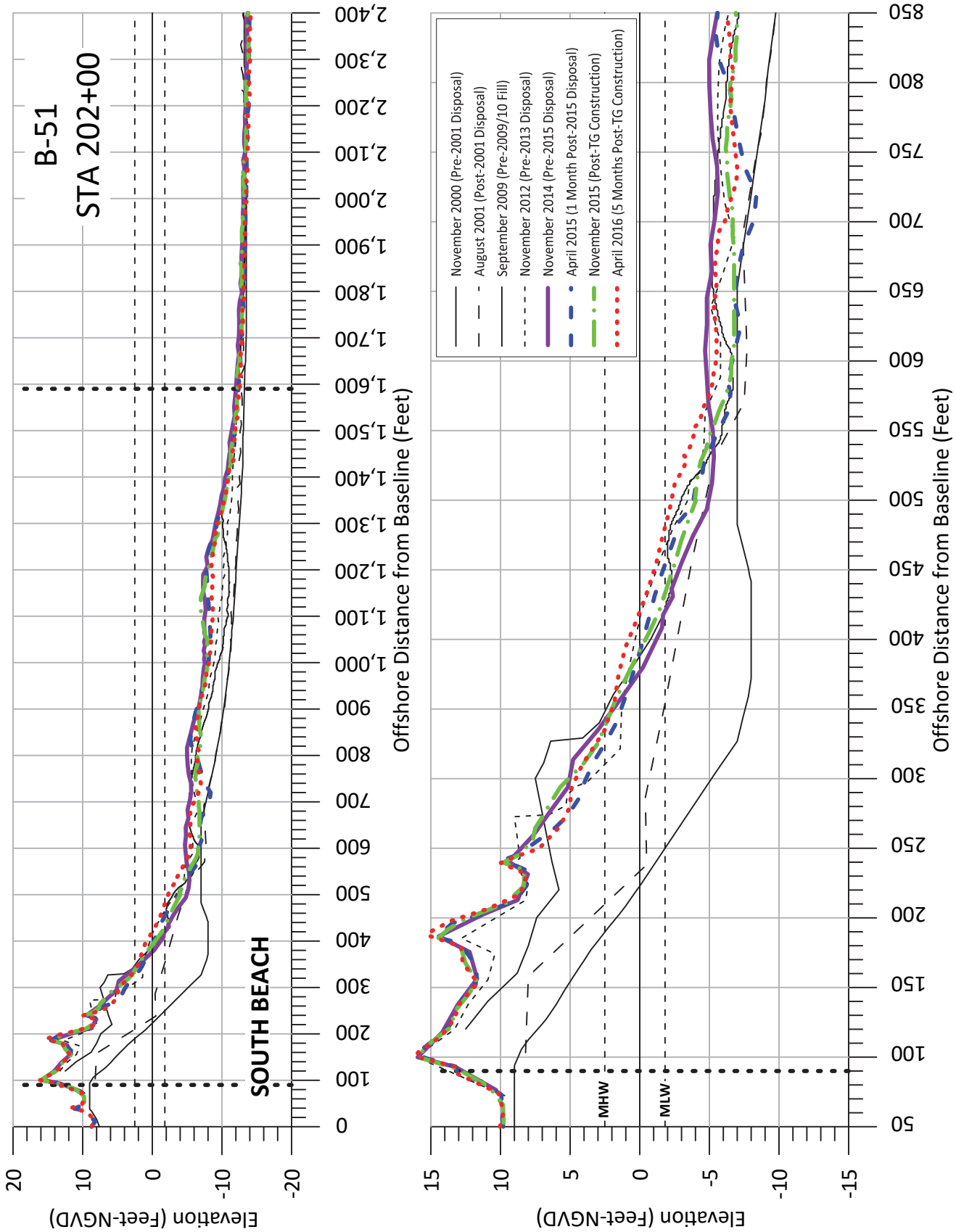

Figure A-65: Measured beach profiles at baseline **Station 202+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

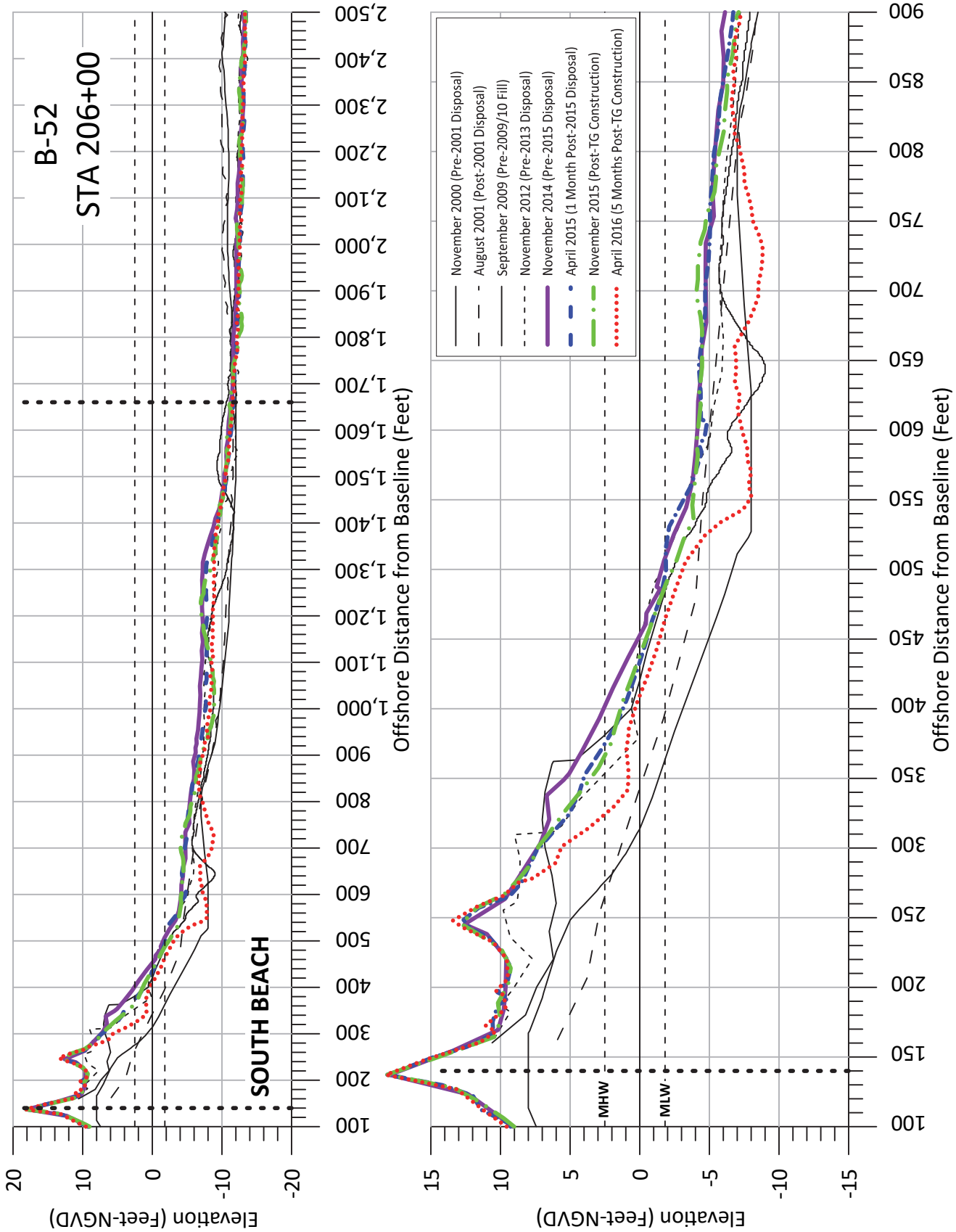

Figure A-66: Measured beach profiles at baseline **Station 206+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

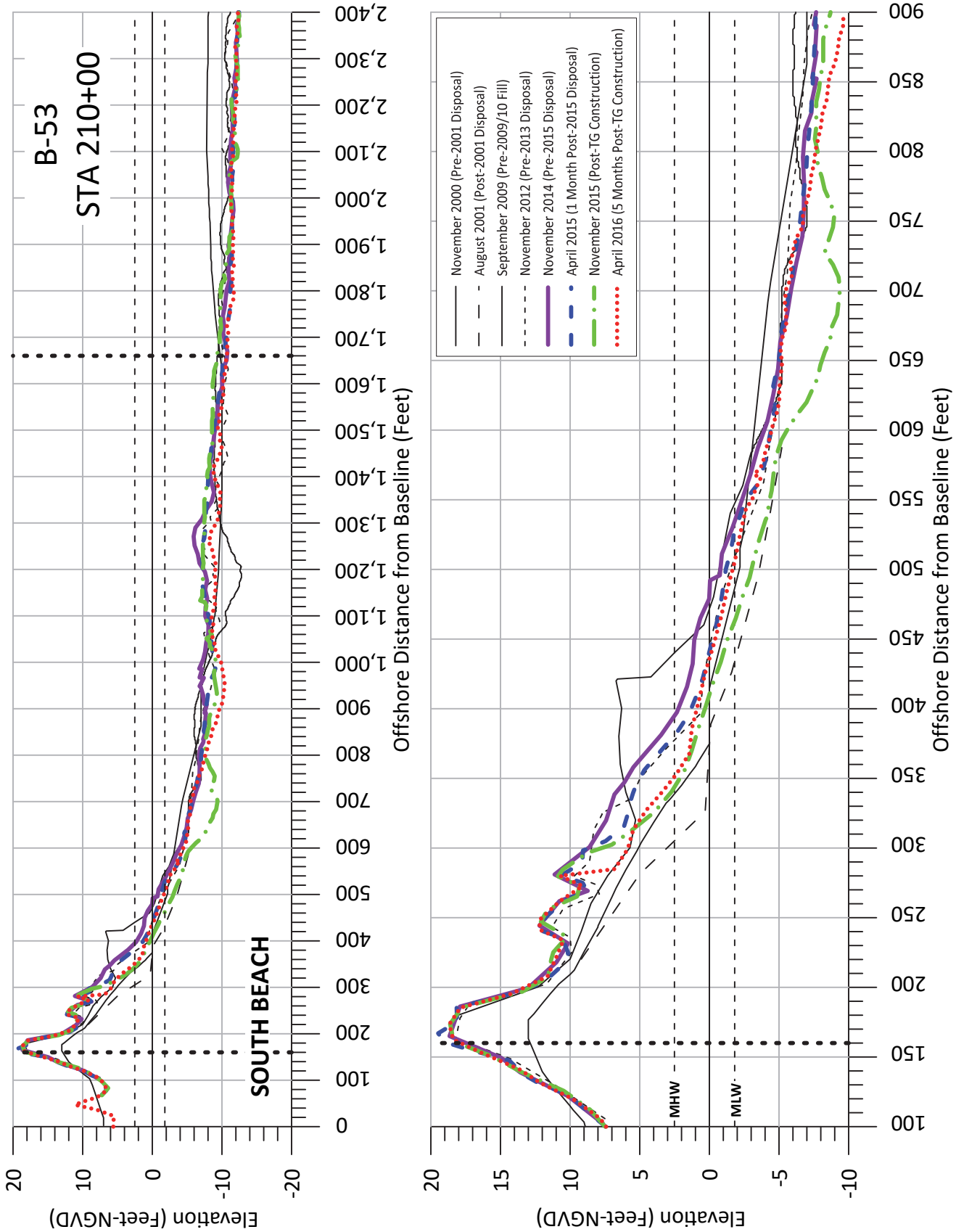

Figure A-67: Measured beach profiles at baseline **Station 210+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

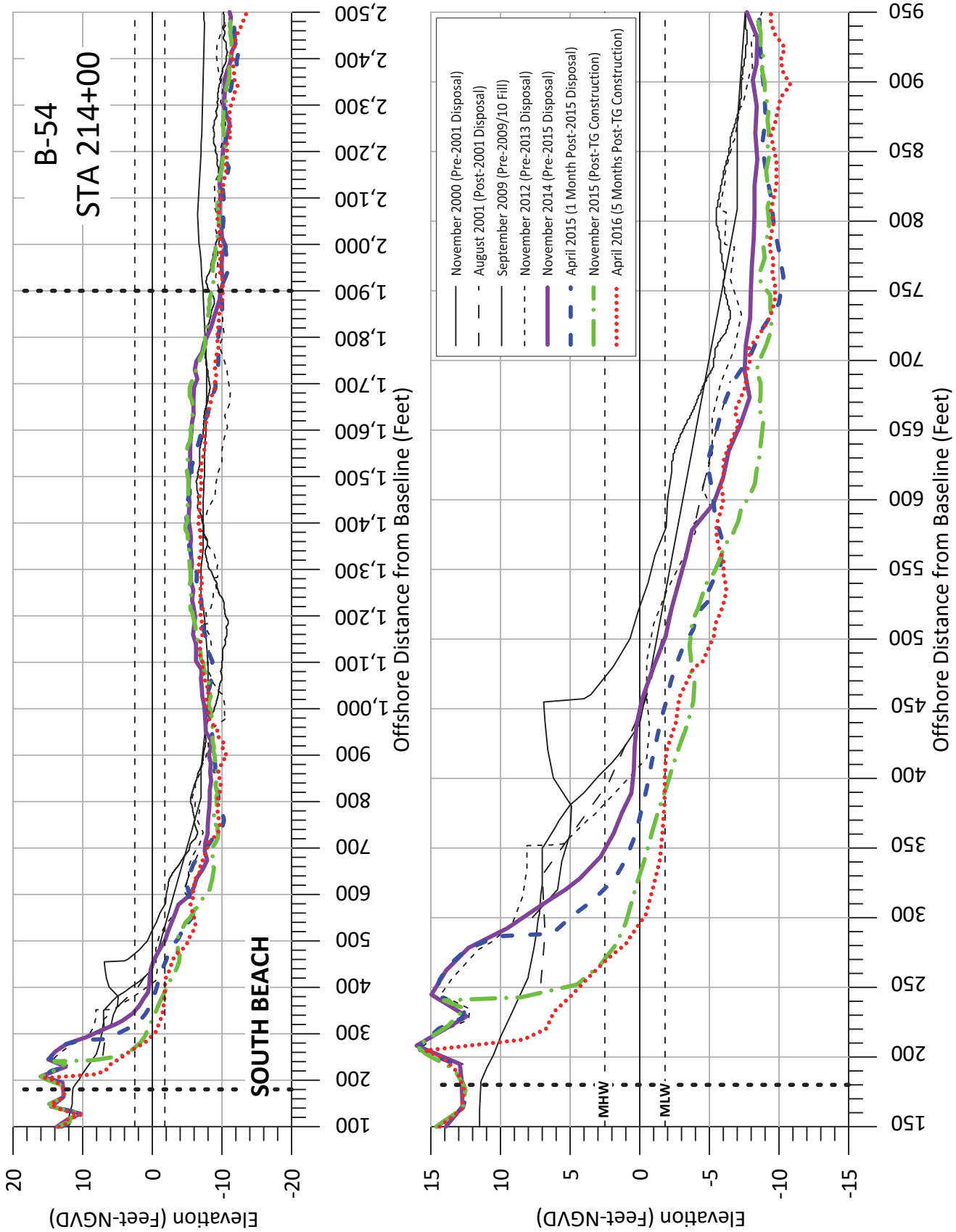

Figure A-68: Measured beach profiles at baseline **Station 214+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

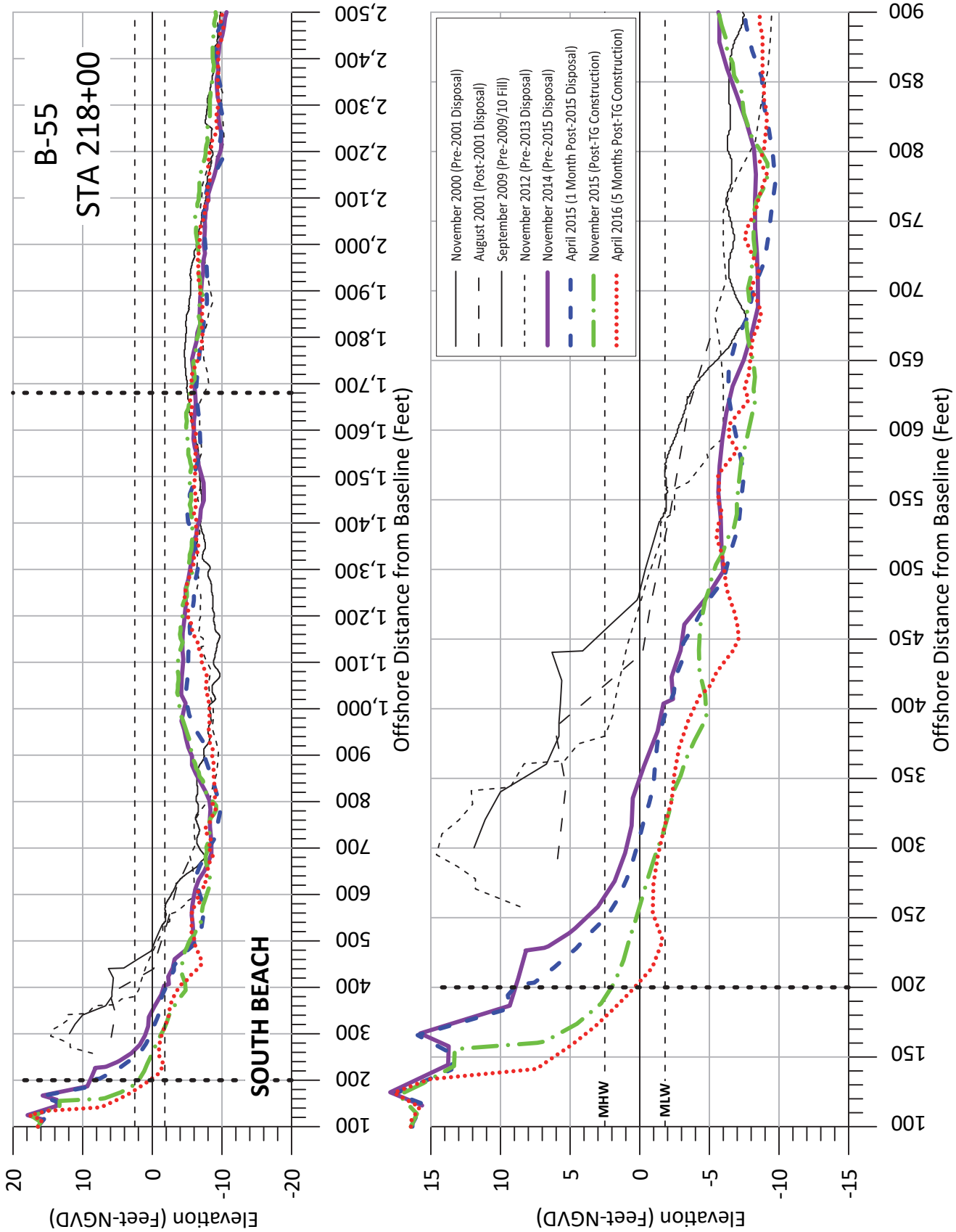

Figure A-69: Measured beach profiles at baseline **Station 218+00**, Bald Head Island, N.C. (Vertical dashed lines indicate physical limits of volume change computations)

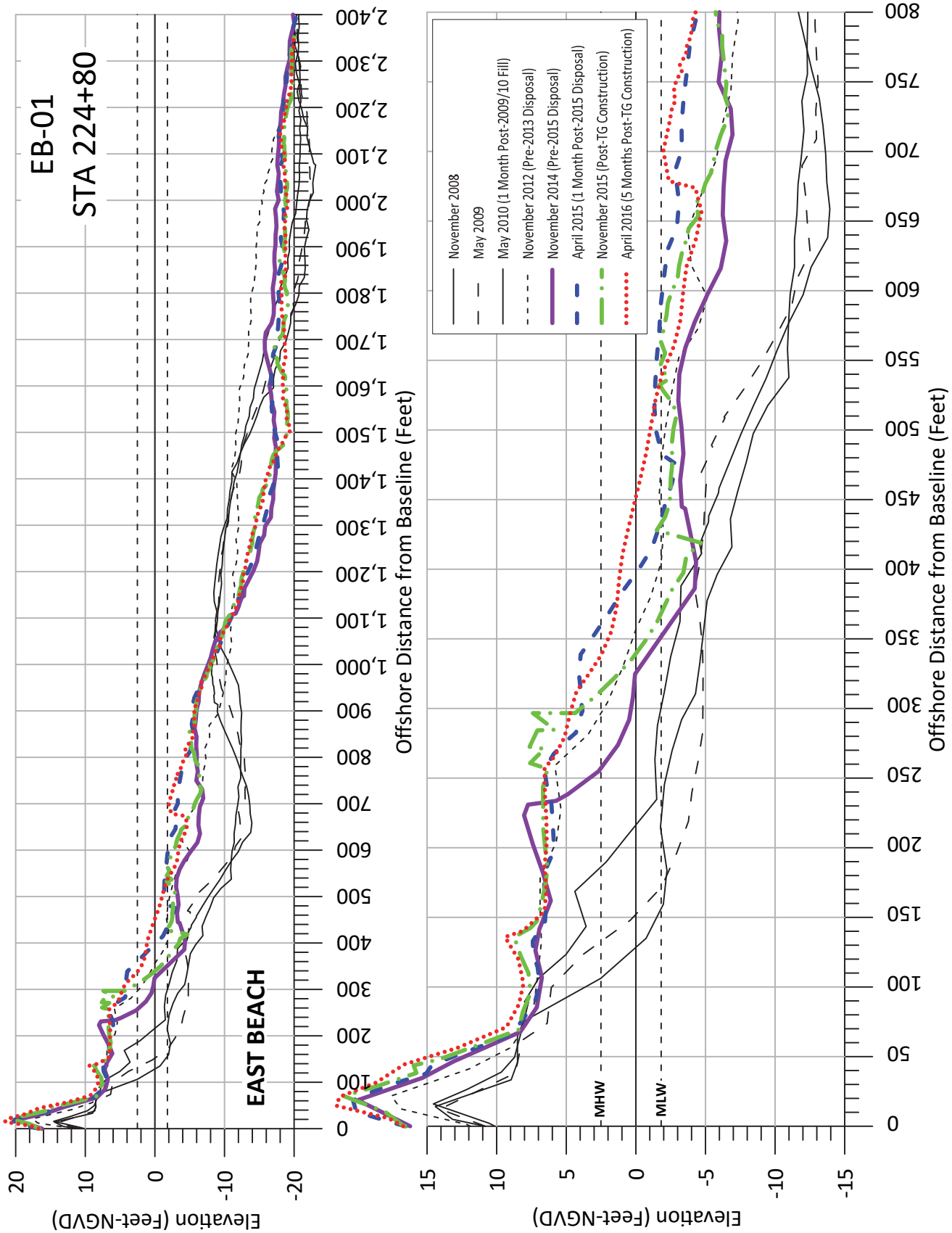

Figure A-70: Measured beach profiles at baseline **Station 224+80**, Bald Head Island, N.C.

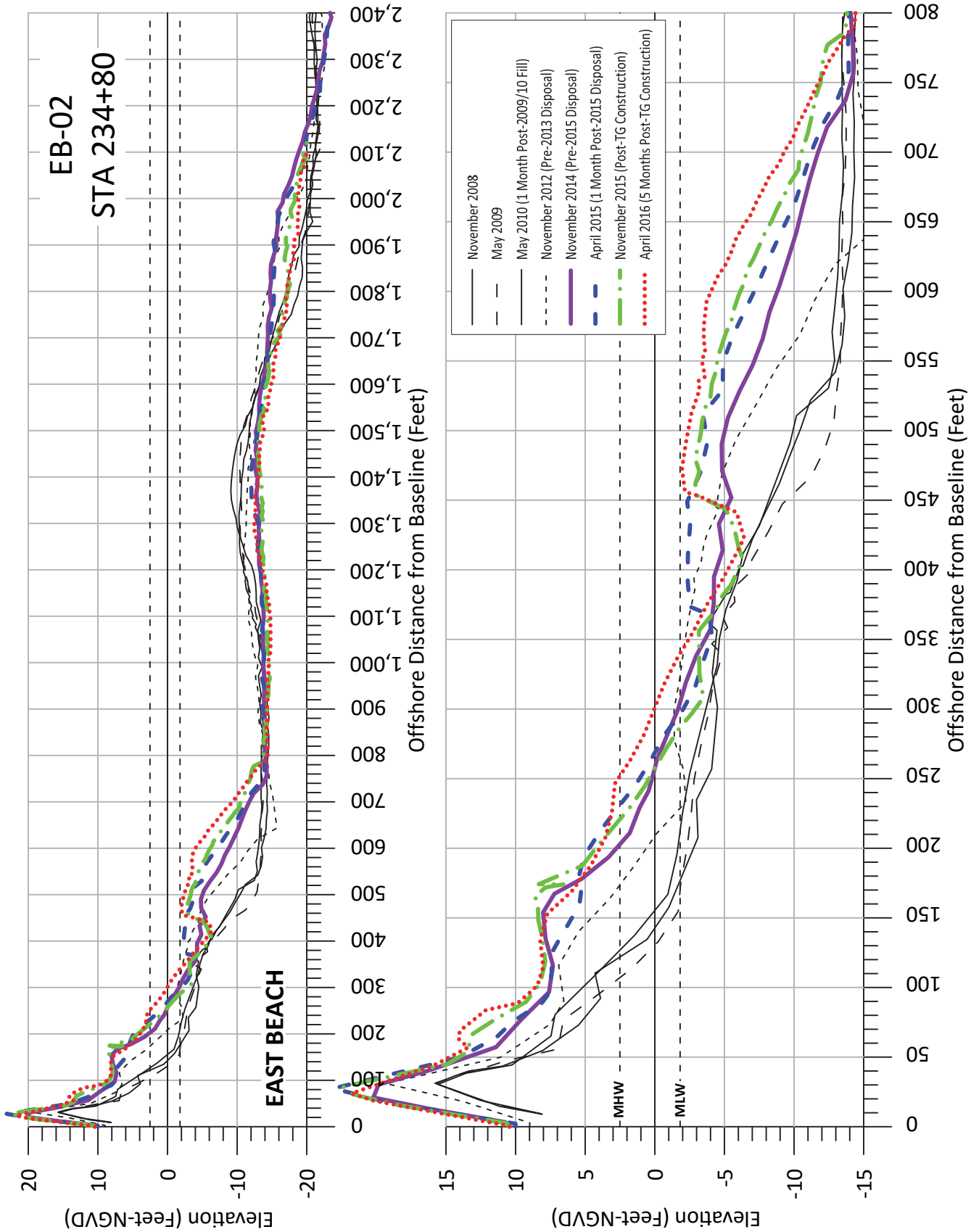

Figure A-71: Measured beach profiles at baseline **Station 234+80**, Bald Head Island, N.C.

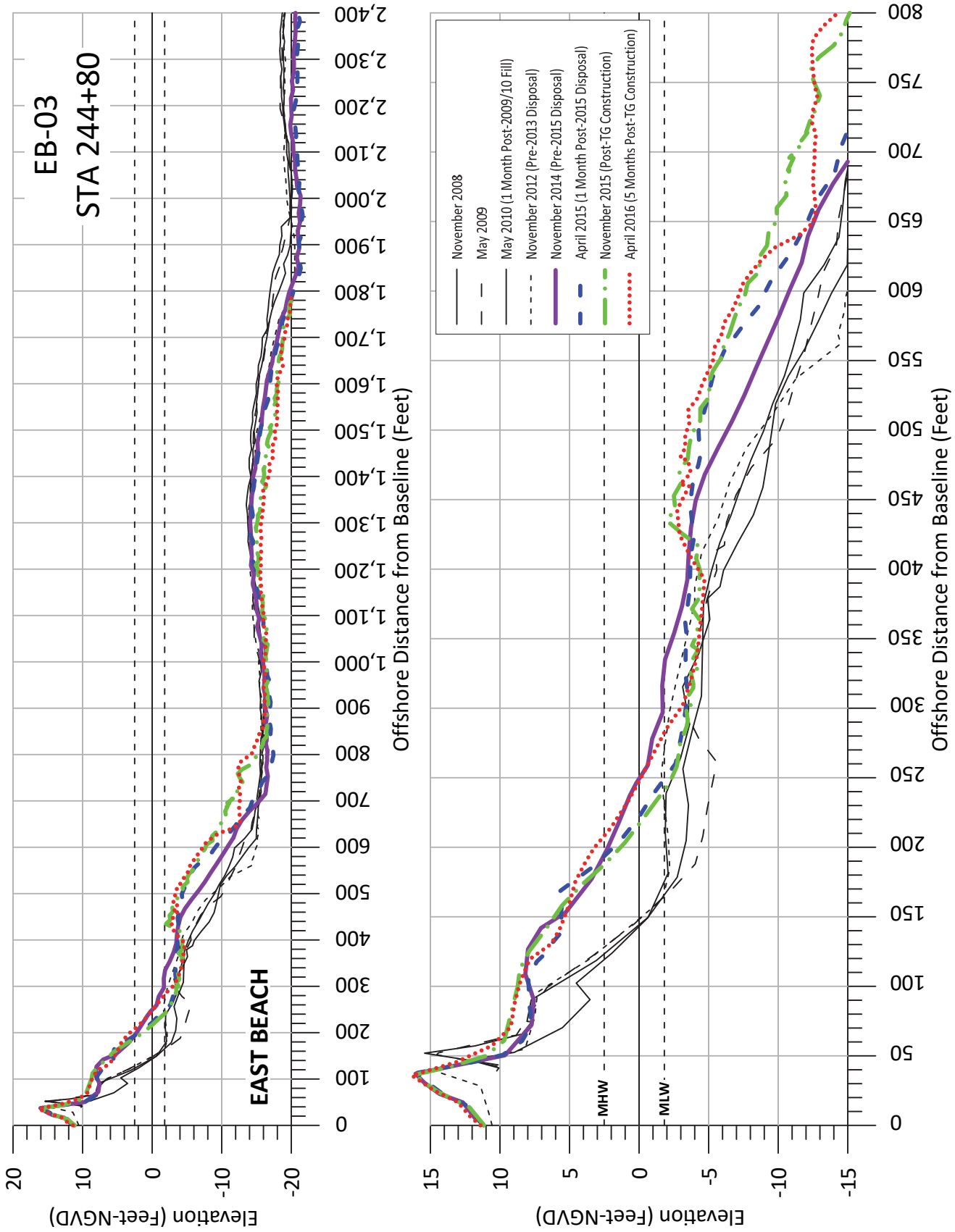

Figure A-72: Measured beach profiles at baseline **Station 244+80**, Bald Head Island, N.C.

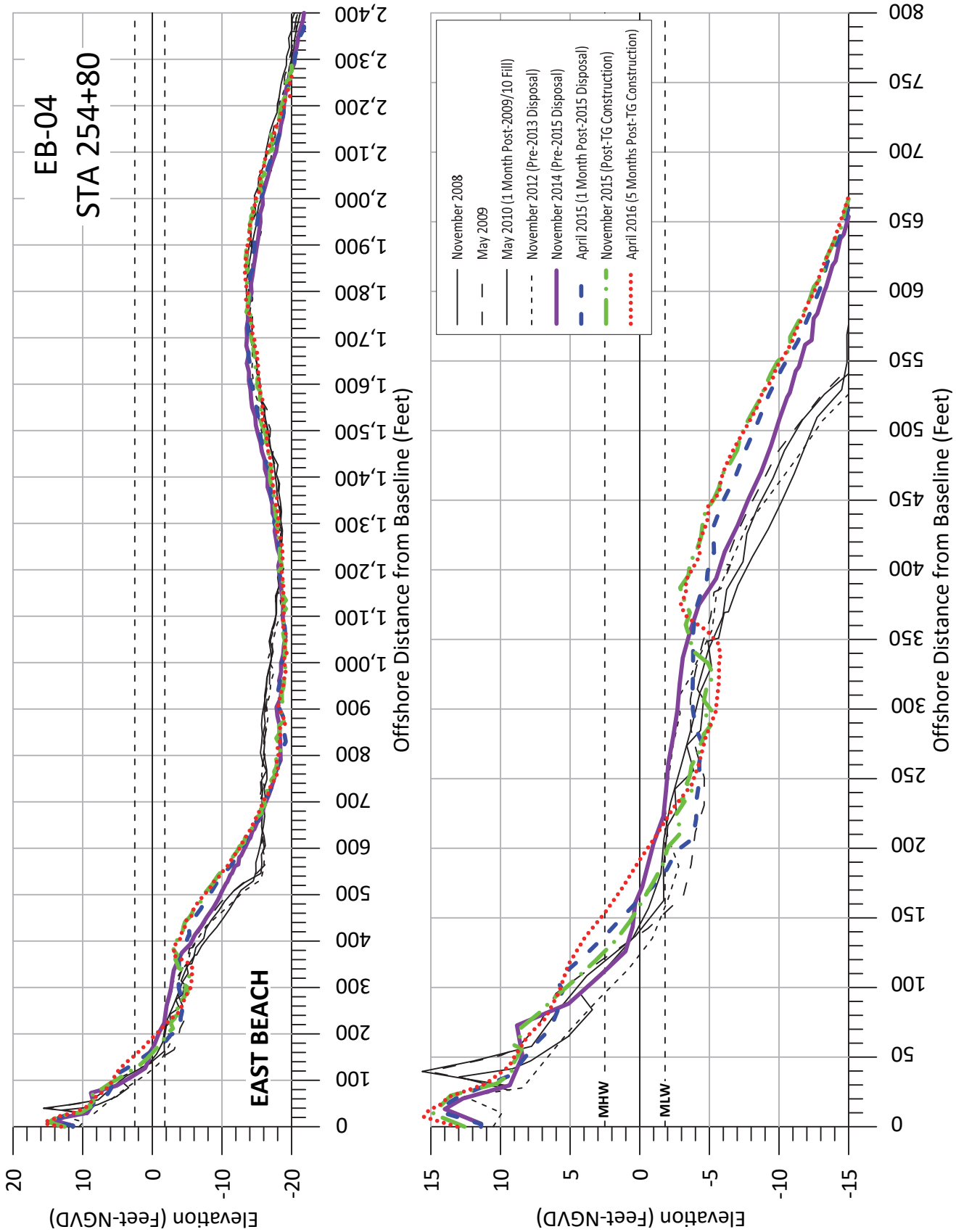

Figure A-73: Measured beach profiles at baseline **Station 254+80**, Bald Head Island, N.C.

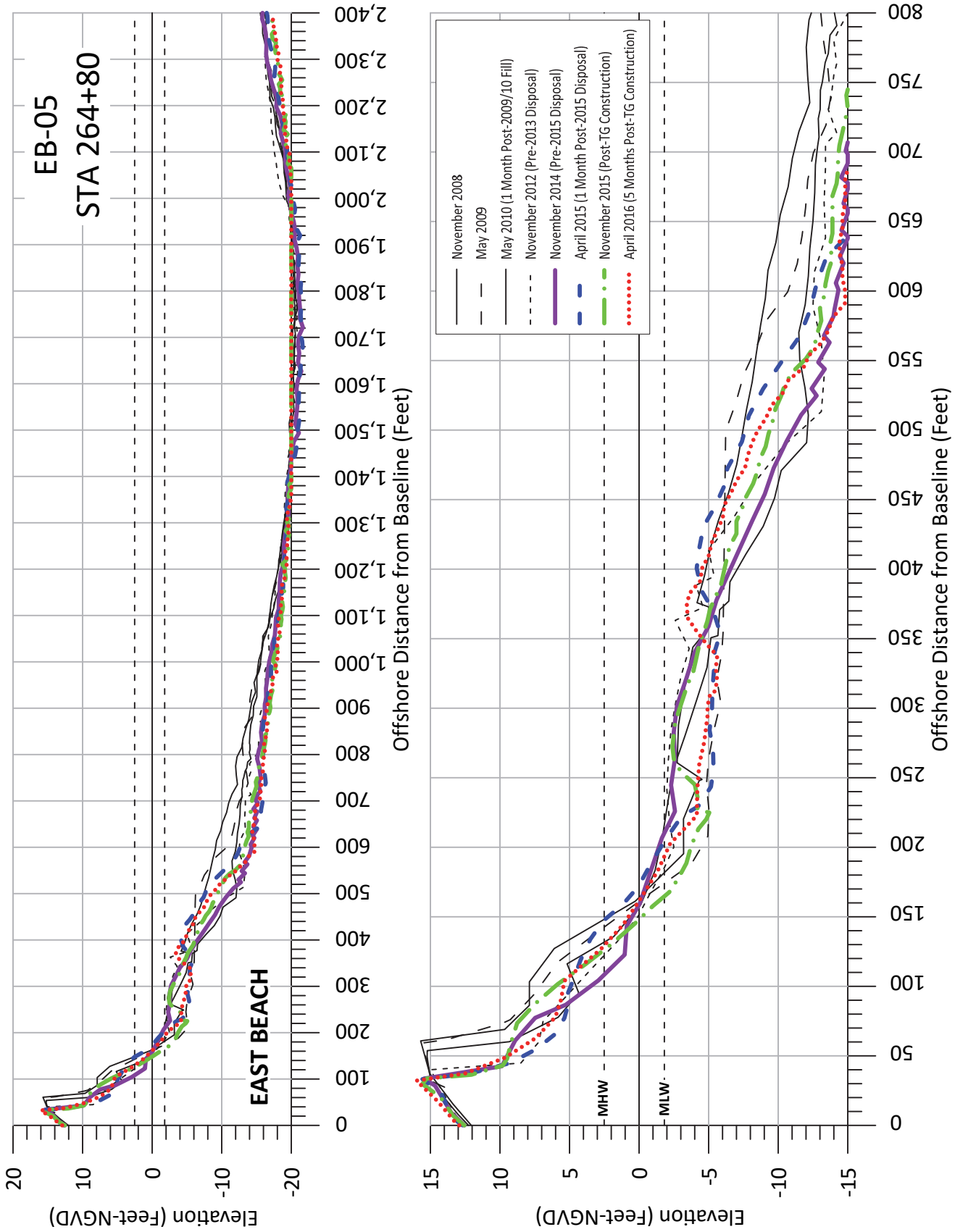

Figure A-74: Measured beach profiles at baseline **Station 264+80**, Bald Head Island, N.C.

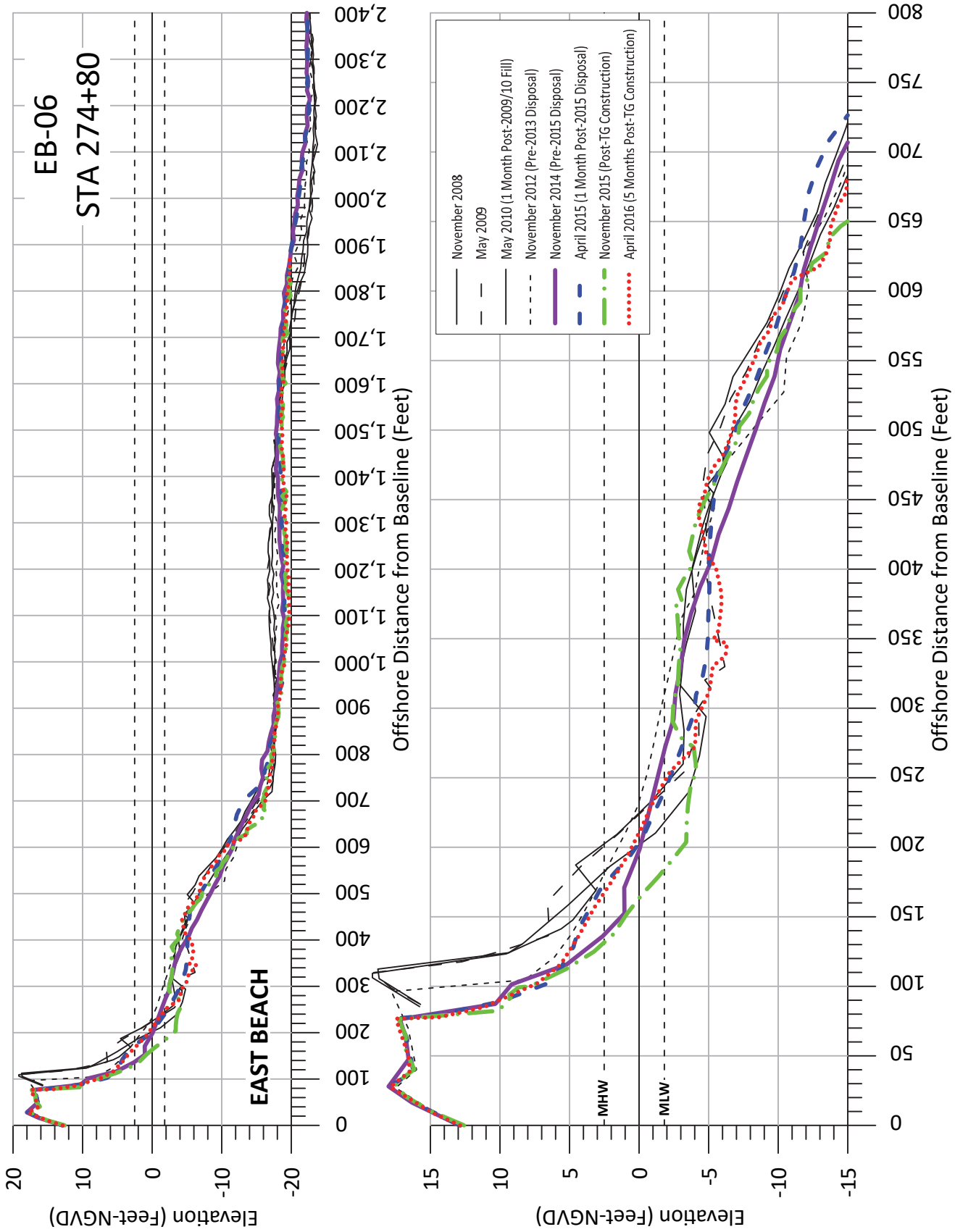

Figure A-75: Measured beach profiles at baseline **Station 274+80**, Bald Head Island, N.C.

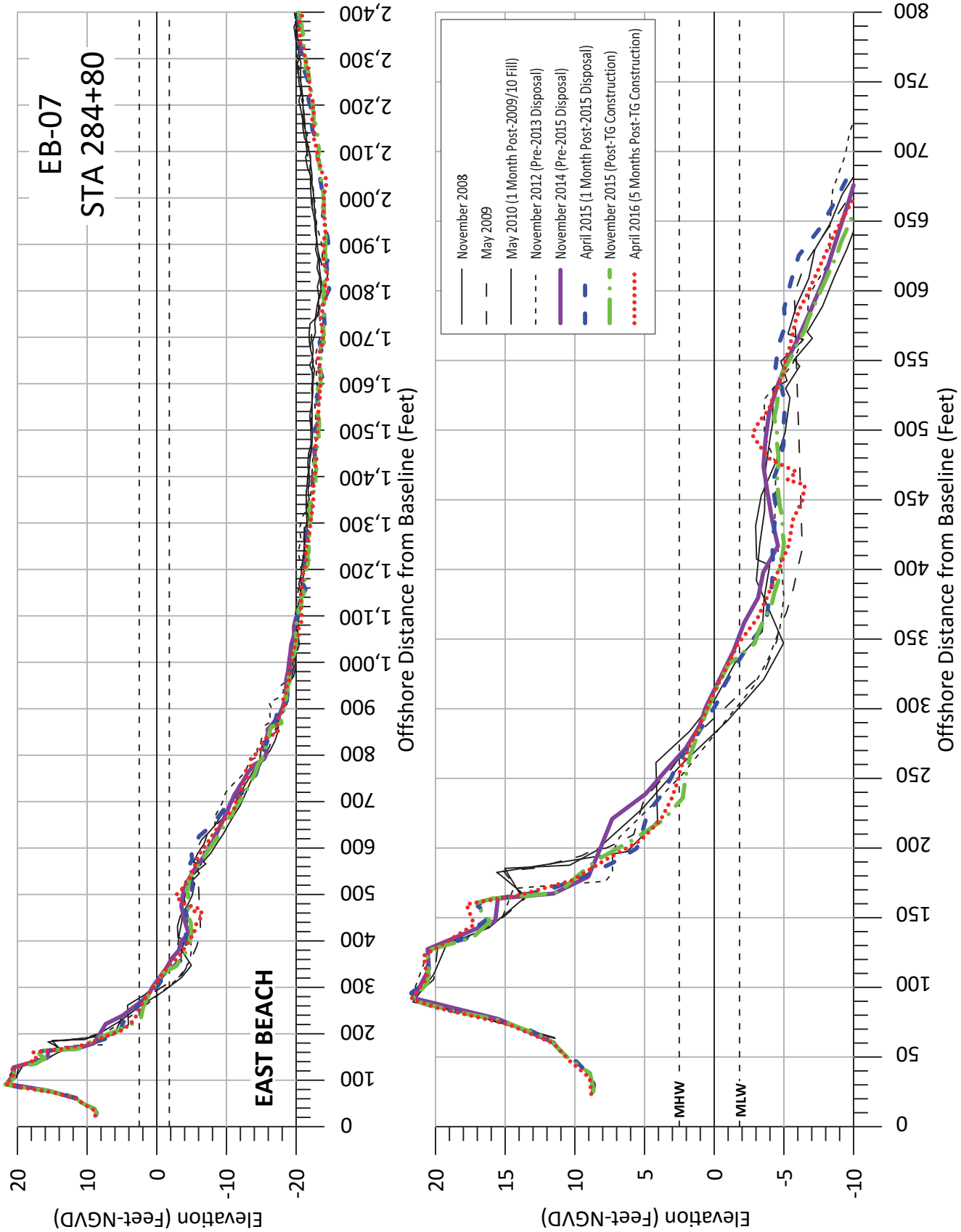

Figure A-76: Measured beach profiles at baseline **Station 284+80**, Bald Head Island, N.C.