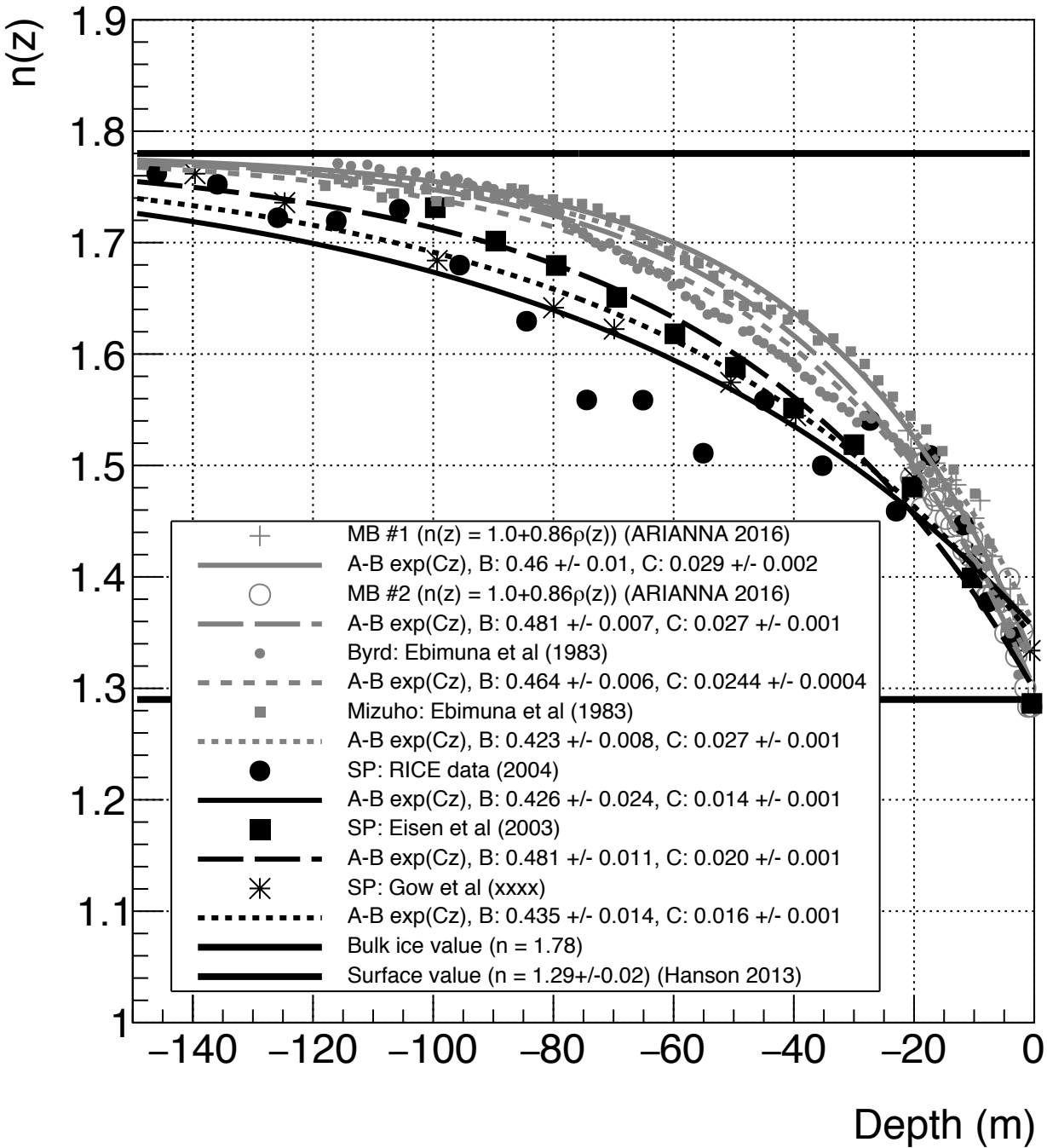
n(z)
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
−140
−120
−100
−80
−60
−40
−20
0
Depth (m)
MB #1 (n(z) = 1.0+0.86ρ(z)) (ARIANNA 2016)
A-B exp(Cz), B: 0.46 +/- 0.01, C: 0.029 +/- 0.002
MB #2 (n(z) = 1.0+0.86ρ(z)) (ARIANNA 2016)
A-B exp(Cz), B: 0.481 +/- 0.007, C: 0.027 +/- 0.001
Byrd: Ebimuna et al (1983)
A-B exp(Cz), B: 0.464 +/- 0.006, C: 0.0244 +/- 0.0004
Mizuho: Ebimuna et al (1983)
A-B exp(Cz), B: 0.423 +/- 0.008, C: 0.027 +/- 0.001
SP: RICE data (2004)
A-B exp(Cz), B: 0.426 +/- 0.024, C: 0.014 +/- 0.001
SP: Eisen et al (2003)
A-B exp(Cz), B: 0.481 +/- 0.011, C: 0.020 +/- 0.001
SP: Gow et al (xxxx)
A-B exp(Cz), B: 0.435 +/- 0.014, C: 0.016 +/- 0.001
Bulk ice value (n = 1.78)
Surface value (n = 1.29+/-0.02) (Hanson 2013)