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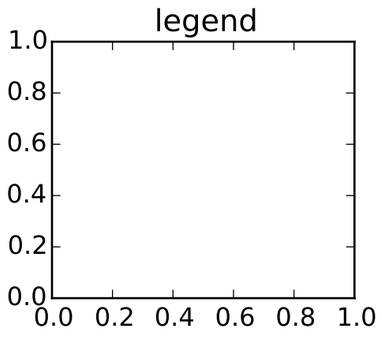
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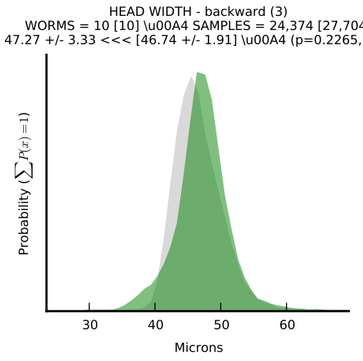
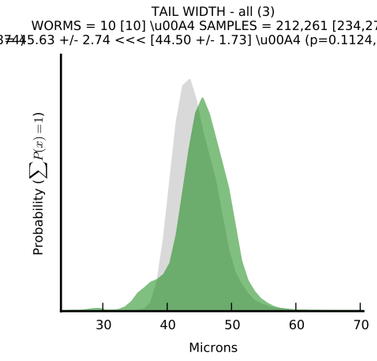
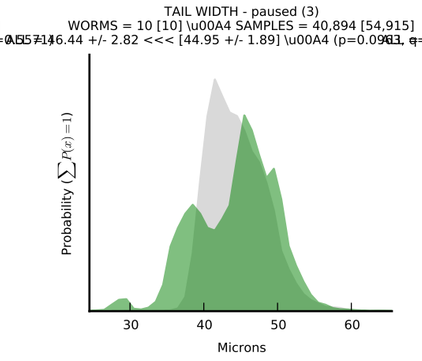
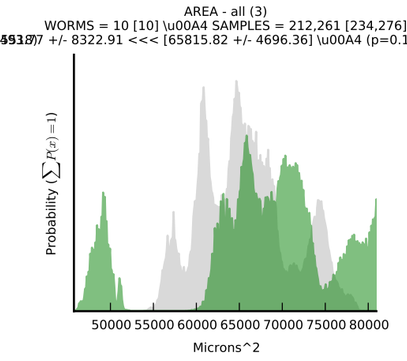
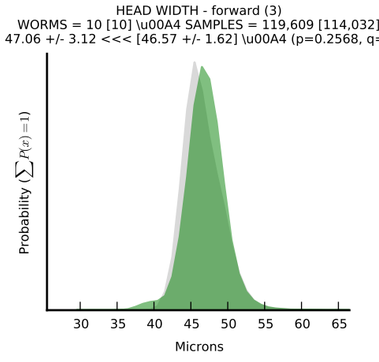
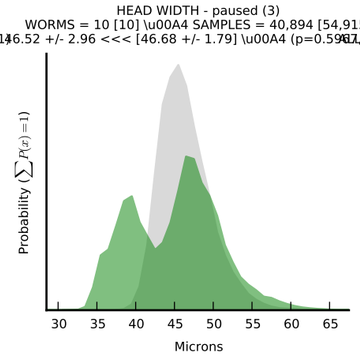

HEAD WIDTH - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 47.27 +/- 3.33 <<< [46.74 +/- 1.91] \u00A4 (p=0.2265, q=0.5574)
Probability ($\sum P(x) = 1$)
Microns

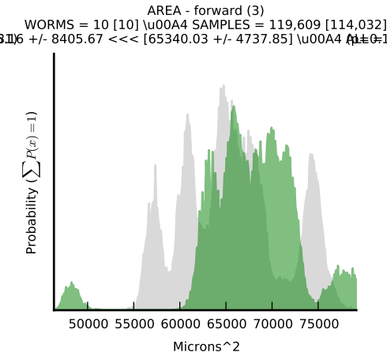

TAIL WIDTH - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 45.63 +/- 2.74 <<< [44.50 +/- 1.73] \u00A4 (p=0.1124, q=0.5571)
Probability ($\sum P(x) = 1$)
Microns

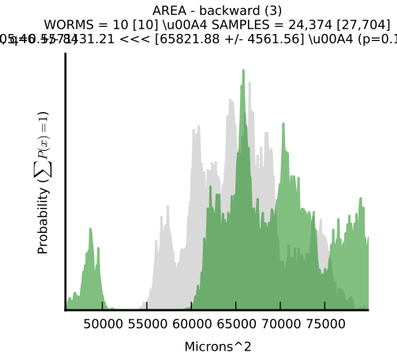

TAIL WIDTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 46.44 +/- 2.82 <<< [44.95 +/- 1.89] \u00A4 (p=0.0931, q=0.5571)
Probability ($\sum P(x) = 1$)
Microns

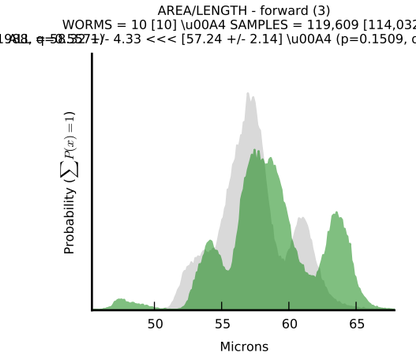

AREA - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 68537.07 +/- 8322.91 <<< [65815.82 +/- 4696.36] \u00A4 (p=0.1736, q=0.5571)
Probability ($\sum P(x) = 1$)
Microns^2

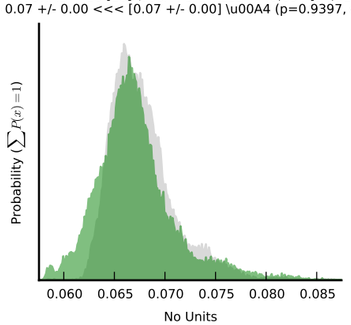

HEAD WIDTH - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 47.06 +/- 3.12 <<< [46.57 +/- 1.62] \u00A4 (p=0.2568, q=0.5574)
Probability ($\sum P(x) = 1$)
Microns

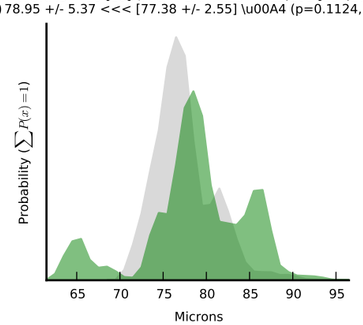

HEAD WIDTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 46.52 +/- 2.96 <<< [46.68 +/- 1.79] \u00A4 (p=0.5967, q=0.7181)
Probability ($\sum P(x) = 1$)
Microns

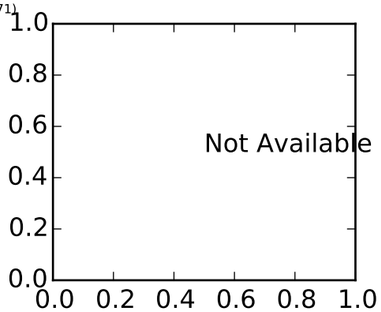

AREA - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 68705.16 +/- 8405.67 <<< [65340.03 +/- 4737.85] \u00A4 (p=0.0005, q=0.0045)
Probability ($\sum P(x) = 1$)
Microns^2


AREA - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 67431.21 <<< [65821.88 +/- 4561.56] \u00A4 (p=0.1948, q=0.5571)
Probability ($\sum P(x) = 1$)
Microns^2


AREA/LENGTH - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 58.57 +/- 4.33 <<< [57.24 +/- 2.14] \u00A4 (p=0.1509, q=0.5571)
Probability ($\sum P(x) = 1$)
Microns


WIDTH/LENGTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 0.07 +/- 0.00 <<< [0.07 +/- 0.00] \u00A4 (p=0.9397, q=0.7181)
Probability ($\sum P(x) = 1$)
No Units


MIDBODY WIDTH - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 78.95 +/- 5.37 <<< [77.38 +/- 2.55] \u00A4 (p=0.1124, q=0.5571)
Probability ($\sum P(x) = 1$)
Microns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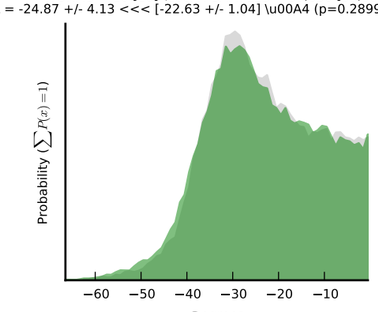
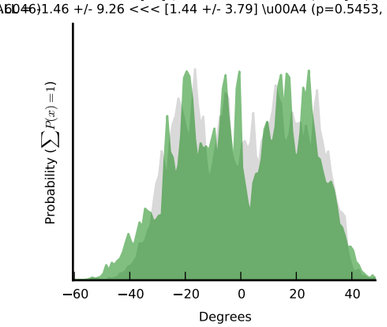
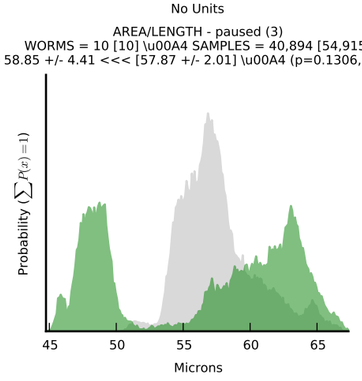
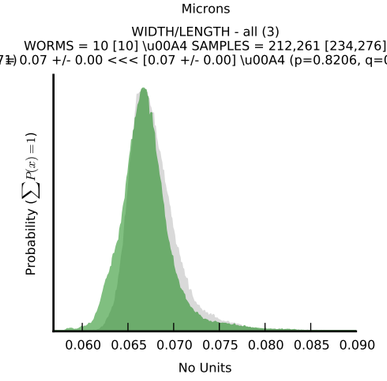
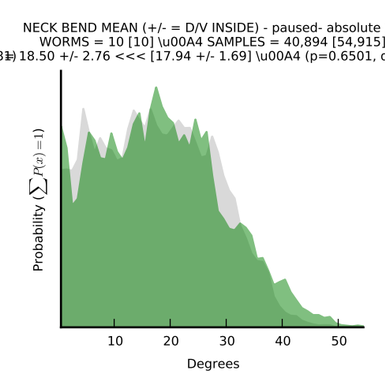
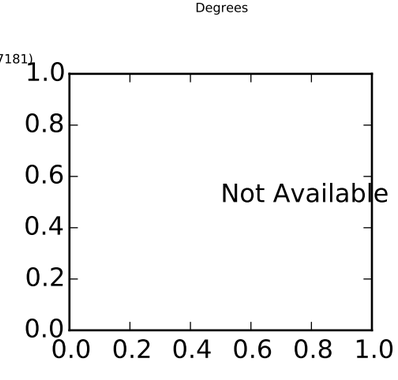

NECK BEND MEAN (+/- = D/V INSIDE) - forward- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 59,030 [55,904]
ALL = -24.87 +/- 4.13 <<< [-22.63 +/- 1.04] \u00A4 (p=0.2899, q=0.6046)
Probability ($\sum P(x) = 1$)
Degrees

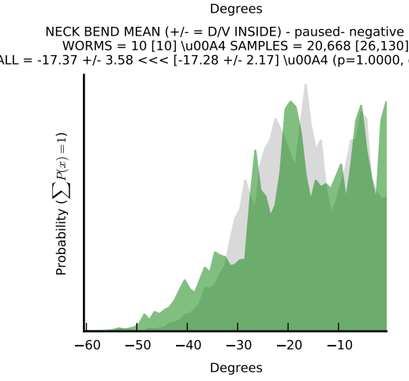

NECK BEND MEAN (+/- = D/V INSIDE) - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = -1.46 +/- 9.26 <<< [1.44 +/- 3.79] \u00A4 (p=0.5453, q=0.7181)
Probability ($\sum P(x) = 1$)
Degrees


AREA/LENGTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 58.85 +/- 4.41 <<< [57.87 +/- 2.01] \u00A4 (p=0.1306, q=0.5571)
Probability ($\sum P(x) = 1$)
Microns

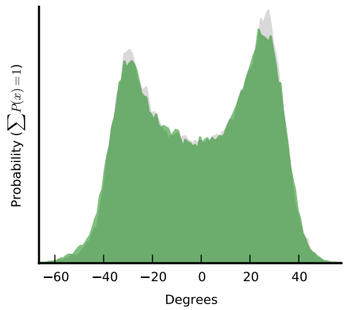

WIDTH/LENGTH - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 0.07 +/- 0.00 <<< [0.07 +/- 0.00] \u00A4 (p=0.8206, q=0.7181)
Probability ($\sum P(x) = 1$)
No Units


NECK BEND MEAN (+/- = D/V INSIDE) - paused- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 18.50 +/- 2.76 <<< [17.94 +/- 1.69] \u00A4 (p=0.6501, q=0.7181)
Probability ($\sum P(x) = 1$)
Degrees

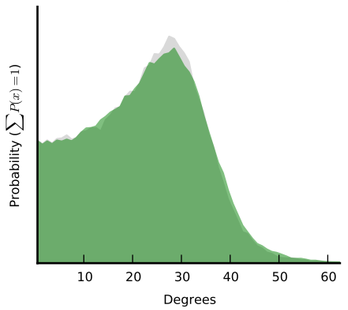

Not Available


NECK BEND MEAN (+/- = D/V INSIDE) - paused- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 20,668 [26,130]
ALL = -17.37 +/- 3.58 <<< [-17.28 +/- 2.17] \u00A4 (p=1.0000, q=0.7181)
Probability ($\sum P(x) = 1$)
Degrees

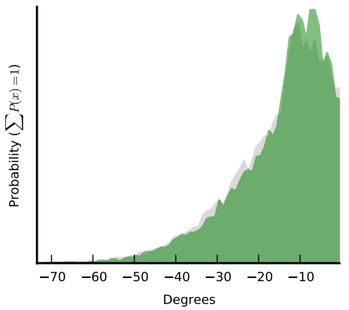
NECK BEND MEAN (+/- = D/V INSIDE) - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = -4.67 +/- 10.31 <<< [-0.20 +/- 0.71] \u00A4 (p=0.0588, q=0.5518)



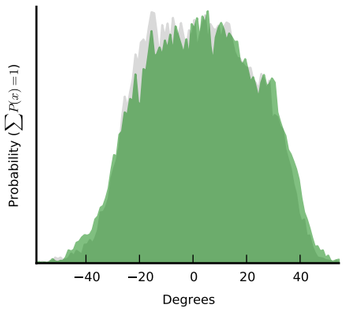
NECK BEND MEAN (+/- = D/V INSIDE) - forward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 23.80 +/- 4.18 <<< [21.93 +/- 0.87] \u00A4 (p=0.4497, q=0.7181)



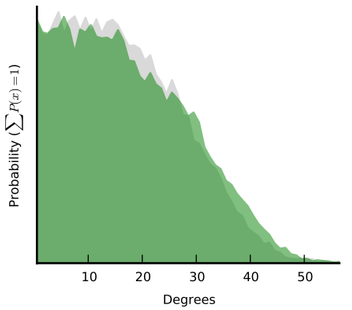
HEAD BEND MEAN (+/- = D/V INSIDE) - paused- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 22,666 [29,045]
ALL = -14.71 +/- 3.01 <<< [-14.83 +/- 2.00] \u00A4 (p=0.7624, q=0.7181)



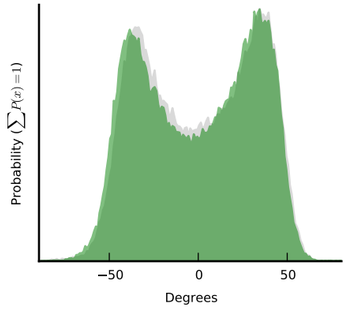
HEAD BEND MEAN (+/- = D/V INSIDE) - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = -4.11 +/- 3.76 <<< [1.97 +/- 1.78] \u00A4 (p=0.1306, q=0.5571)



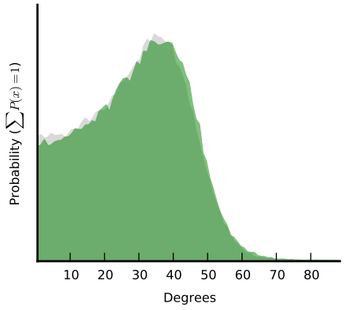
HEAD BEND MEAN (+/- = D/V INSIDE) - backward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 17.93 +/- 1.98 <<< [16.65 +/- 1.15] \u00A4 (p=0.1306, q=0.5571)



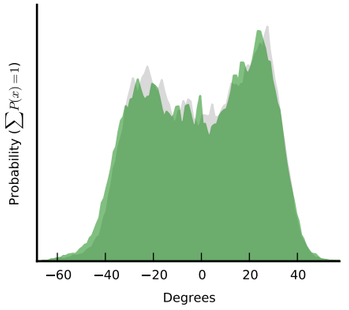
HEAD BEND MEAN (+/- = D/V INSIDE) - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = -4.30 +/- 12.83 <<< [1.04 +/- 1.47] \u00A4 (p=0.1306, q=0.5571)



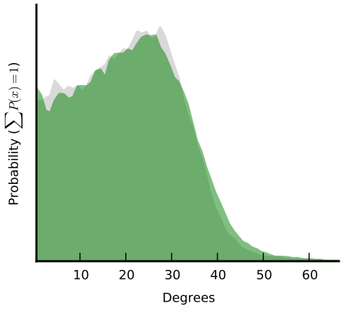
HEAD BEND MEAN (+/- = D/V INSIDE) - forward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 30.76 +/- 4.53 <<< [28.37 +/- 1.94] \u00A4 (p=0.2568, q=0.5951)



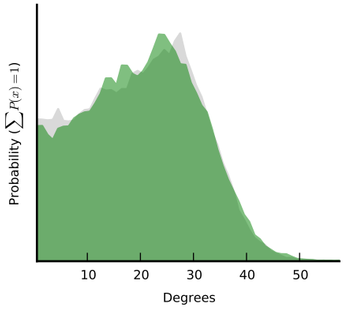
NECK BEND MEAN (+/- = D/V INSIDE) - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = -2.18 +/- 6.27 <<< [0.48 +/- 1.06] \u00A4 (p=0.1988, q=0.5174)

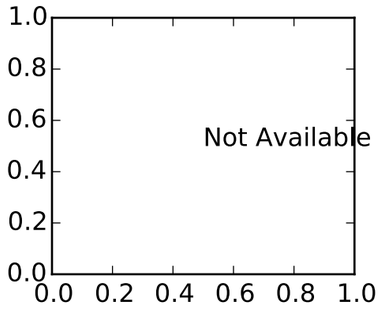


NECK BEND MEAN (+/- = D/V INSIDE) - all- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 20.72 +/- 1.30 <<< [19.91 +/- 1.01] \u00A4 (p=0.3643, q=0.6611)

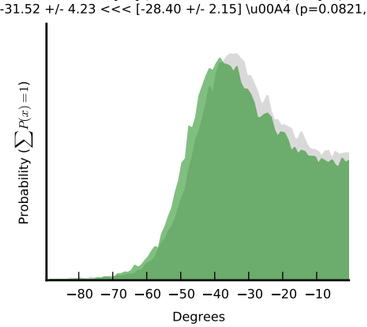


NECK BEND MEAN (+/- = D/V INSIDE) - all- positive (3)
WORMS = 10 [10] \u00A4 SAMPLES = 107,780 [120,619]
ALL = 19.04 +/- 3.07 <<< [19.75 +/- 1.07] \u00A4 (p=0.8798, q=0.7181)

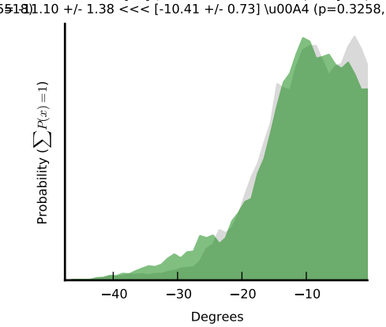




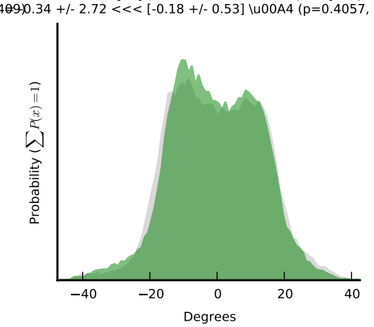
HEAD BEND MEAN (+/- = D/V INSIDE) - forward- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 58,323 [55,091]
ALL = -31.52 +/- 4.23 <<< [-28.40 +/- 2.15] \u00A4 (p=0.0821, q=0.5518)



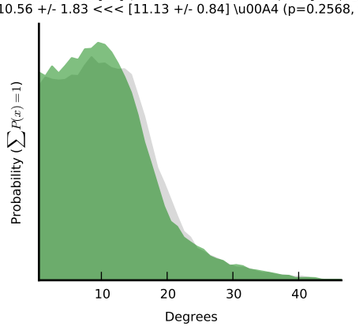
MIDBODY BEND MEAN (+/- = D/V INSIDE) - all- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 111,956 [117,114]
ALL = -11.10 +/- 1.38 <<< [-10.41 +/- 0.73] \u00A4 (p=0.3258, q=0.6409)



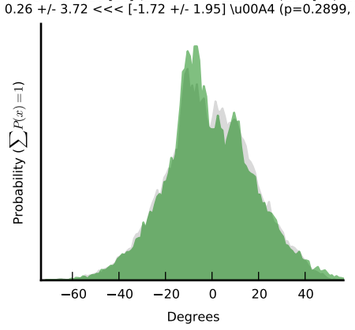
MIDBODY BEND MEAN (+/- = D/V INSIDE) - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 0.34 +/- 2.72 <<< [-0.18 +/- 0.53] \u00A4 (p=0.4057, q=0.6980)



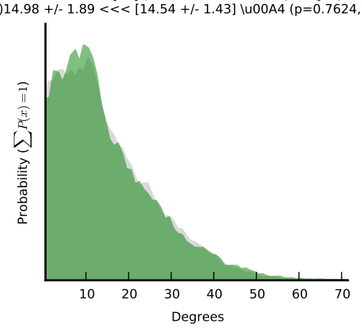
MIDBODY BEND MEAN (+/- = D/V INSIDE) - forward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 10.56 +/- 1.83 <<< [11.13 +/- 0.84] \u00A4 (p=0.2568, q=0.5951)



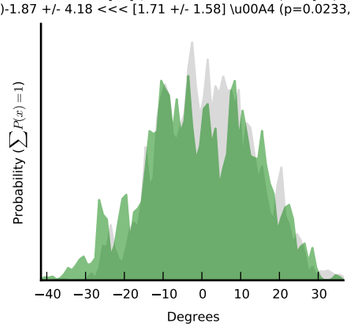
HEAD BEND MEAN (+/- = D/V INSIDE) - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 0.26 +/- 3.72 <<< [-1.72 +/- 1.95] \u00A4 (p=0.2899, q=0.6146)



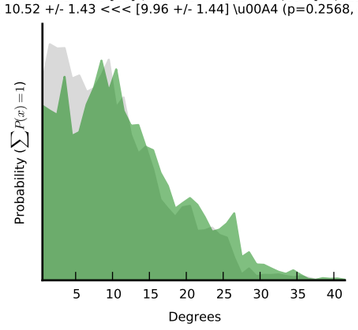
HEAD BEND MEAN (+/- = D/V INSIDE) - paused- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 14.98 +/- 1.89 <<< [14.54 +/- 1.43] \u00A4 (p=0.7624, q=0.7181)

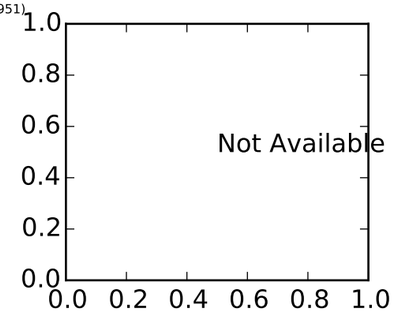


MIDBODY BEND MEAN (+/- = D/V INSIDE) - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = -1.87 +/- 4.18 <<< [1.71 +/- 1.58] \u00A4 (p=0.0233, q=0.2259)

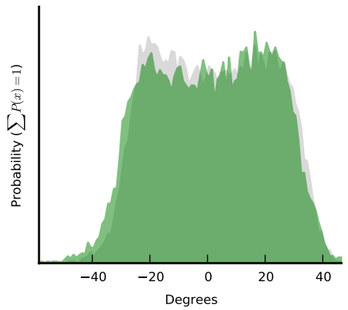


MIDBODY BEND MEAN (+/- = D/V INSIDE) - paused- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 10.52 +/- 1.43 <<< [9.96 +/- 1.44] \u00A4 (p=0.2568, q=0.5951)

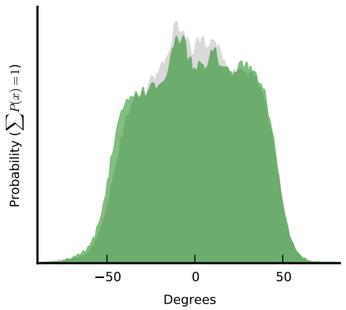




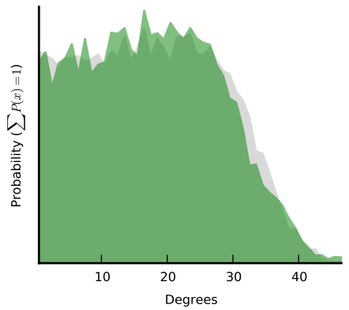
NECK BEND MEAN (+/- = D/V INSIDE) - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 0.25 +/- 3.61 <<< [2.10 +/- 0.55] \u00A4 (p=0.0233, q=0.5219)



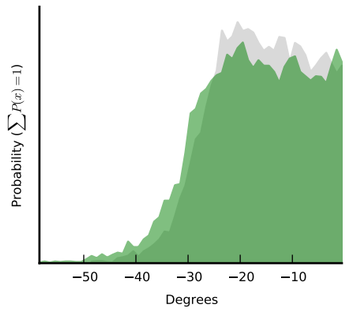
HEAD BEND MEAN (+/- = D/V INSIDE) - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = -0.69 +/- 2.00 <<< [0.43 +/- 0.99] \u00A4 (p=0.4057, q=0.6180)



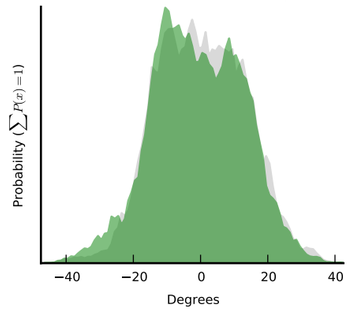
NECK BEND MEAN (+/- = D/V INSIDE) - backward- positive (3)
WORMS = 10 [10] \u00A4 SAMPLES = 12,778 [14,719]
ALL = 17.05 +/- 3.32 <<< [17.87 +/- 0.94] \u00A4 (p=0.4497, q=0.6818)



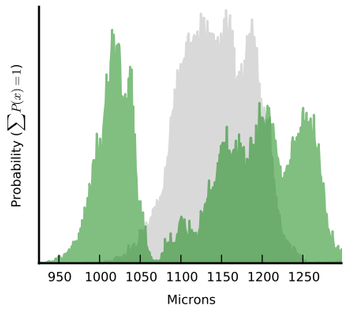
NECK BEND MEAN (+/- = D/V INSIDE) - backward- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 11,596 [12,985]
ALL = -17.33 +/- 2.33 <<< [-15.59 +/- 0.90] \u00A4 (p=0.0126, q=0.4383)



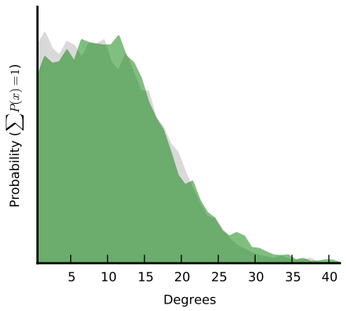
MIDBODY BEND MEAN (+/- = D/V INSIDE) - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 0.80 +/- 0.94 <<< [0.34 +/- 0.66] \u00A4 (p=0.0082, q=0.3863)



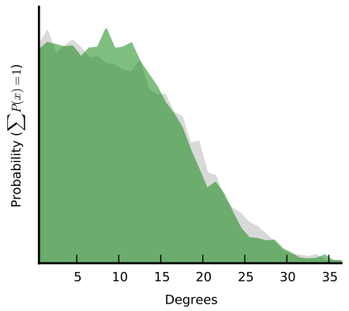
LENGTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 1168.30 +/- 68.26 <<< [1150.49 +/- 42.54] \u00A4 (p=0.4497, q=0.7186)



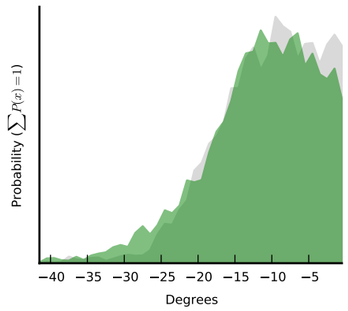
MIDBODY BEND MEAN (+/- = D/V INSIDE) - backward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 10.56 +/- 1.31 <<< [10.76 +/- 1.05] \u00A4 (p=0.4963, q=0.7181)



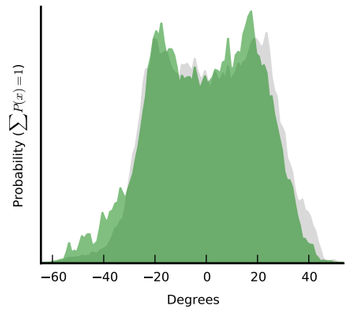
MIDBODY BEND MEAN (+/- = D/V INSIDE) - backward- positive (3)
WORMS = 10 [10] \u00A4 SAMPLES = 10,949 [13,357]
ALL = 10.86 +/- 0.93 <<< [11.03 +/- 1.12] \u00A4 (p=0.9397, q=0.9397)



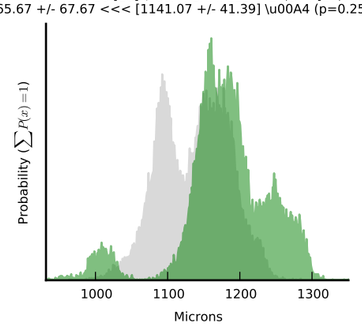
MIDBODY BEND MEAN (+/- = D/V INSIDE) - backward- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 13,425 [14,347]
ALL = -12.09 +/- 2.16 <<< [-10.41 +/- 1.24] \u00A4 (p=0.0696, q=0.4558)



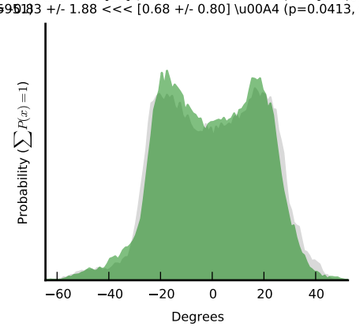
HIPS BEND MEAN (+/- = D/V INSIDE) - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 0.75 +/- 3.00 <<< [1.93 +/- 1.75] \u00A4 (p=0.0284, q=0.5259)



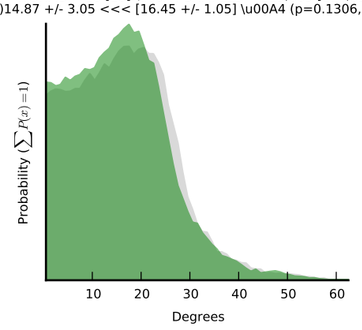
LENGTH - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 1165.67 +/- 67.67 <<< [1141.07 +/- 41.39] \u00A4 (p=0.2568, q=0.5953)



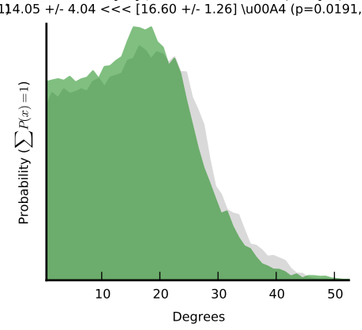
HIPS BEND MEAN (+/- = D/V INSIDE) - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = -1.33 +/- 1.88 <<< [0.68 +/- 0.80] \u00A4 (p=0.0413, q=0.5518)



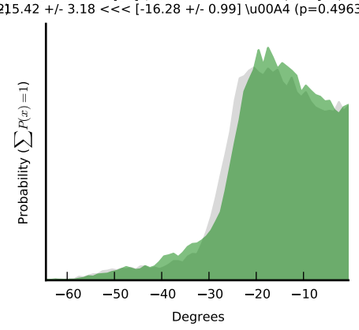
HIPS BEND MEAN (+/- = D/V INSIDE) - forward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 14.87 +/- 3.05 <<< [16.45 +/- 1.05] \u00A4 (p=0.1306, q=0.5571)



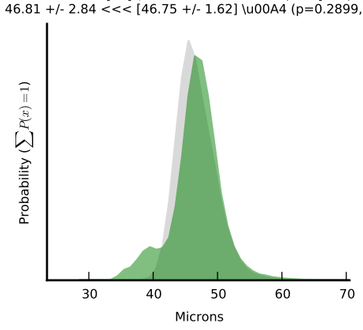
HIPS BEND MEAN (+/- = D/V INSIDE) - forward- positive (3)
WORMS = 10 [10] \u00A4 SAMPLES = 59,708 [58,512]
ALL = 14.05 +/- 4.04 <<< [16.60 +/- 1.26] \u00A4 (p=0.0191, q=0.4982)

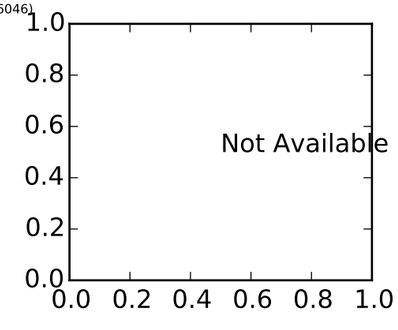


HIPS BEND MEAN (+/- = D/V INSIDE) - forward- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 59,901 [55,520]
ALL = -15.42 +/- 3.18 <<< [-16.28 +/- 0.99] \u00A4 (p=0.4963, q=0.7181)

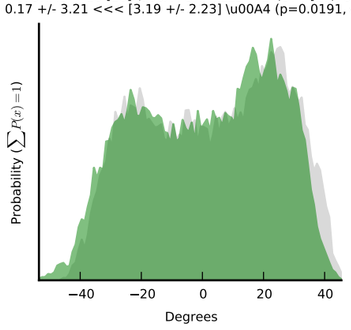


HEAD WIDTH - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 46.81 +/- 2.84 <<< [46.75 +/- 1.62] \u00A4 (p=0.2899, q=0.6046)

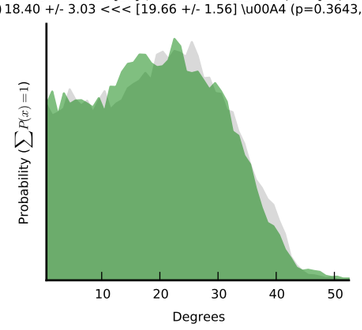




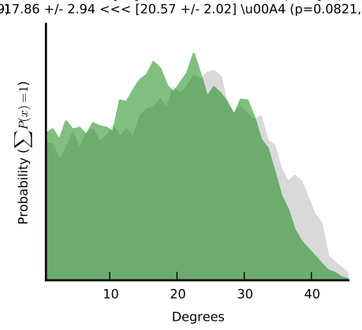
HIPS BEND MEAN (+/- = D/V INSIDE) - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 0.17 +/- 3.21 <<< [3.19 +/- 2.23] \u00A4 (p=0.0191, q=0.4982)



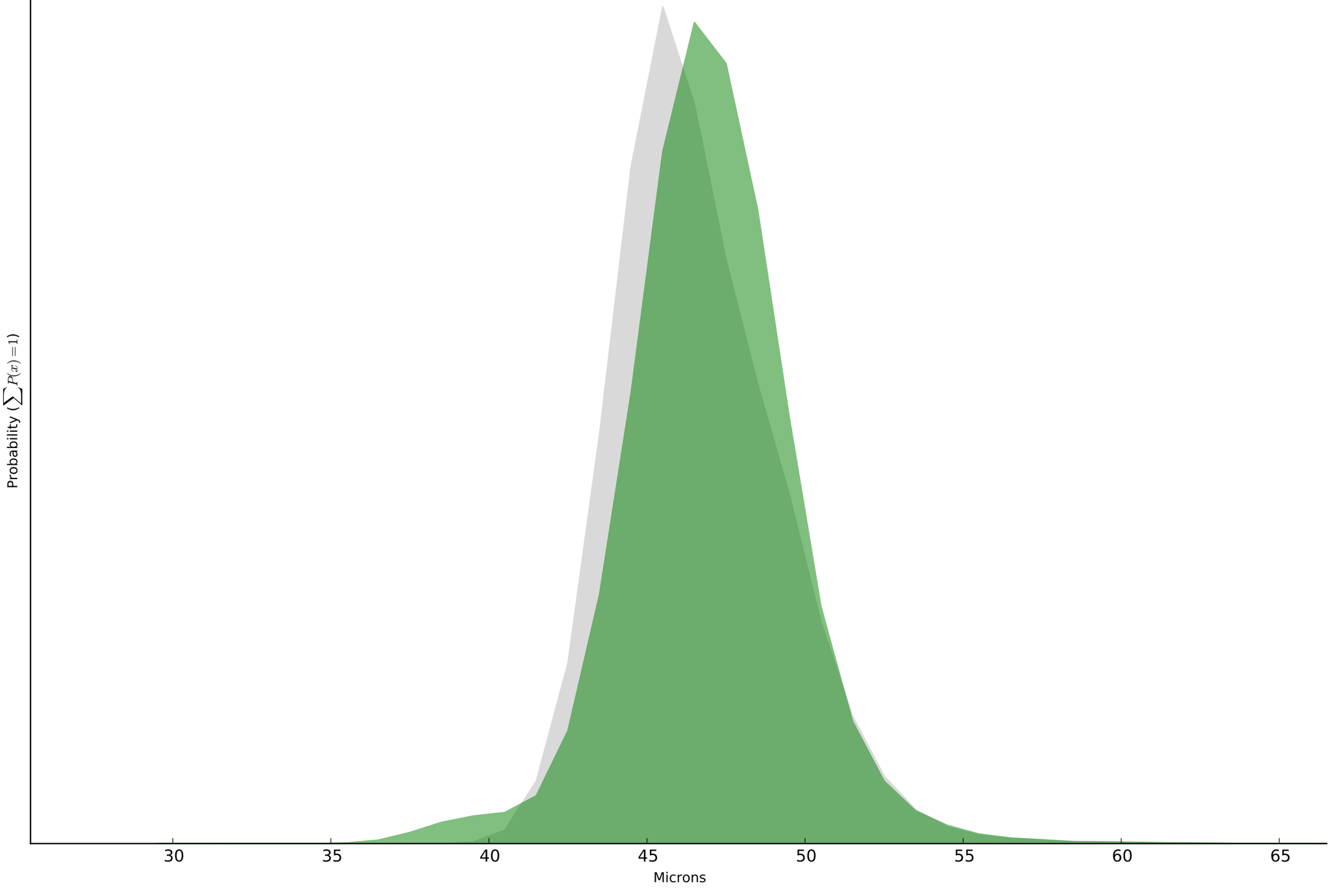
HIPS BEND MEAN (+/- = D/V INSIDE) - backward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 18.40 +/- 3.03 <<< [19.66 +/- 1.56] \u00A4 (p=0.3643, q=0.6611)



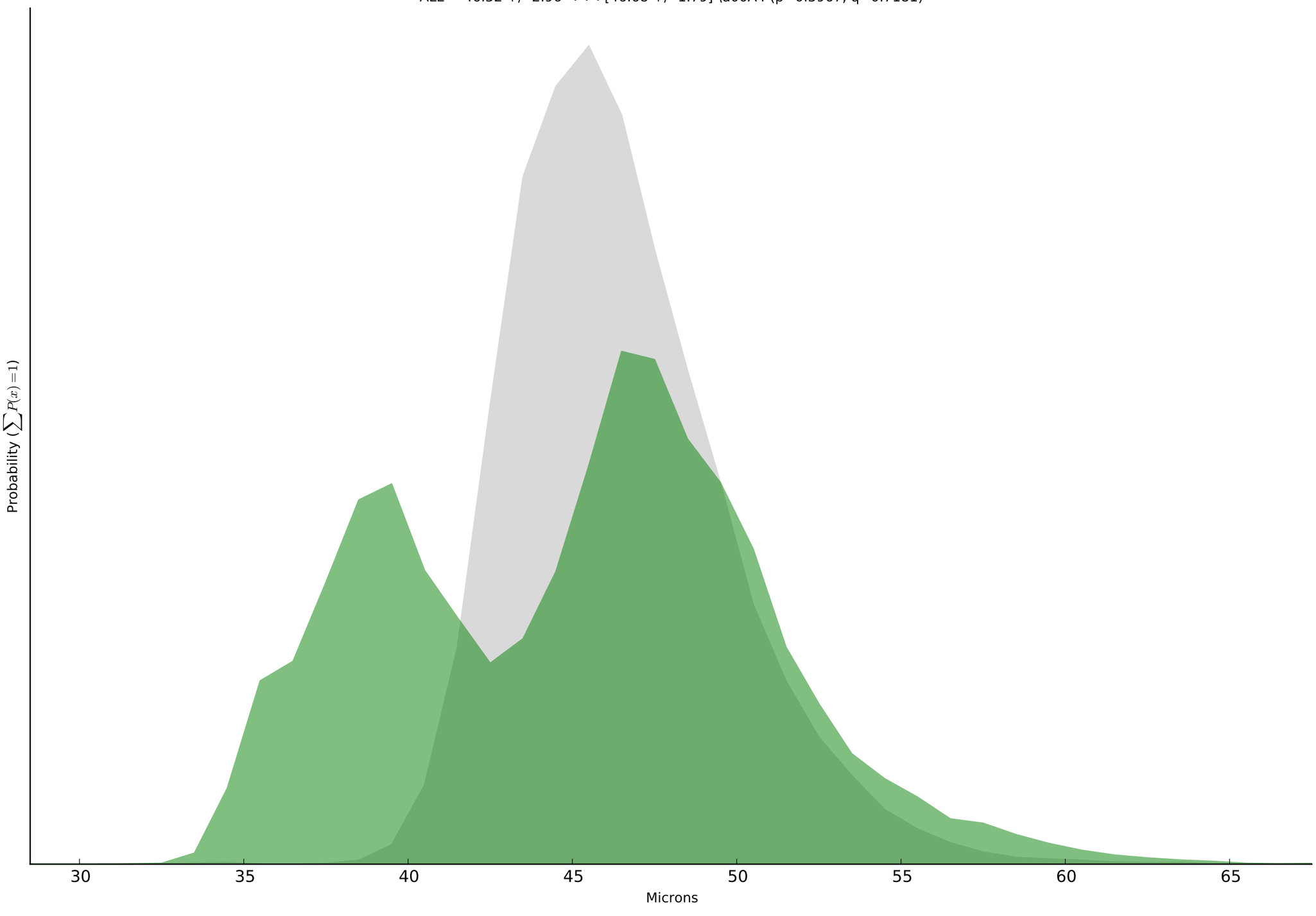
HIPS BEND MEAN (+/- = D/V INSIDE) - backward- positive (3)
WORMS = 10 [10] \u00A4 SAMPLES = 12,982 [15,439]
ALL = 17.86 +/- 2.94 <<< [20.57 +/- 2.02] \u00A4 (p=0.0821, q=0.5518)



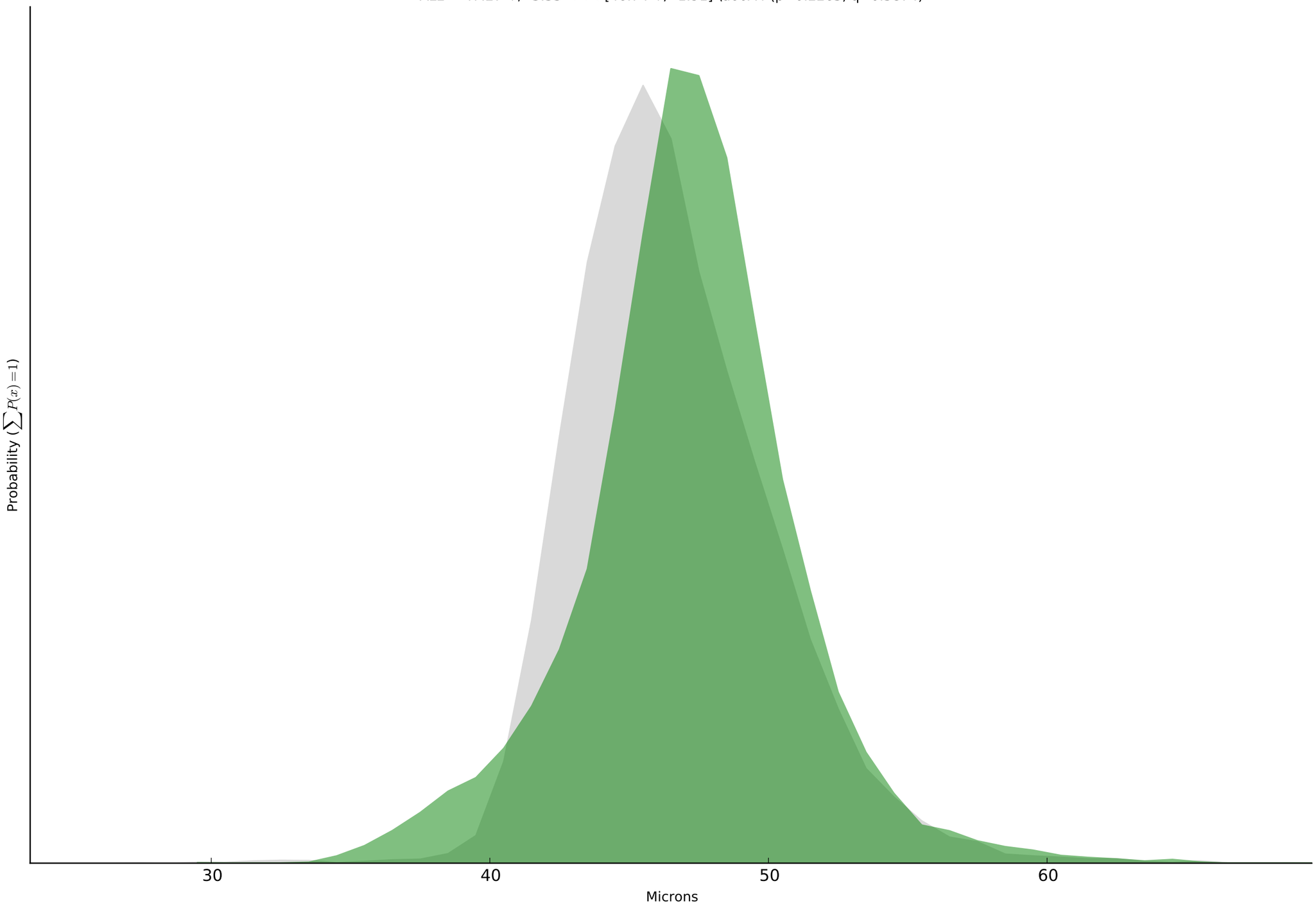
HEAD WIDTH - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 47.06 +/- 3.12 <<< [46.57 +/- 1.62] \u00A4 (p=0.2568, q=0.5951)



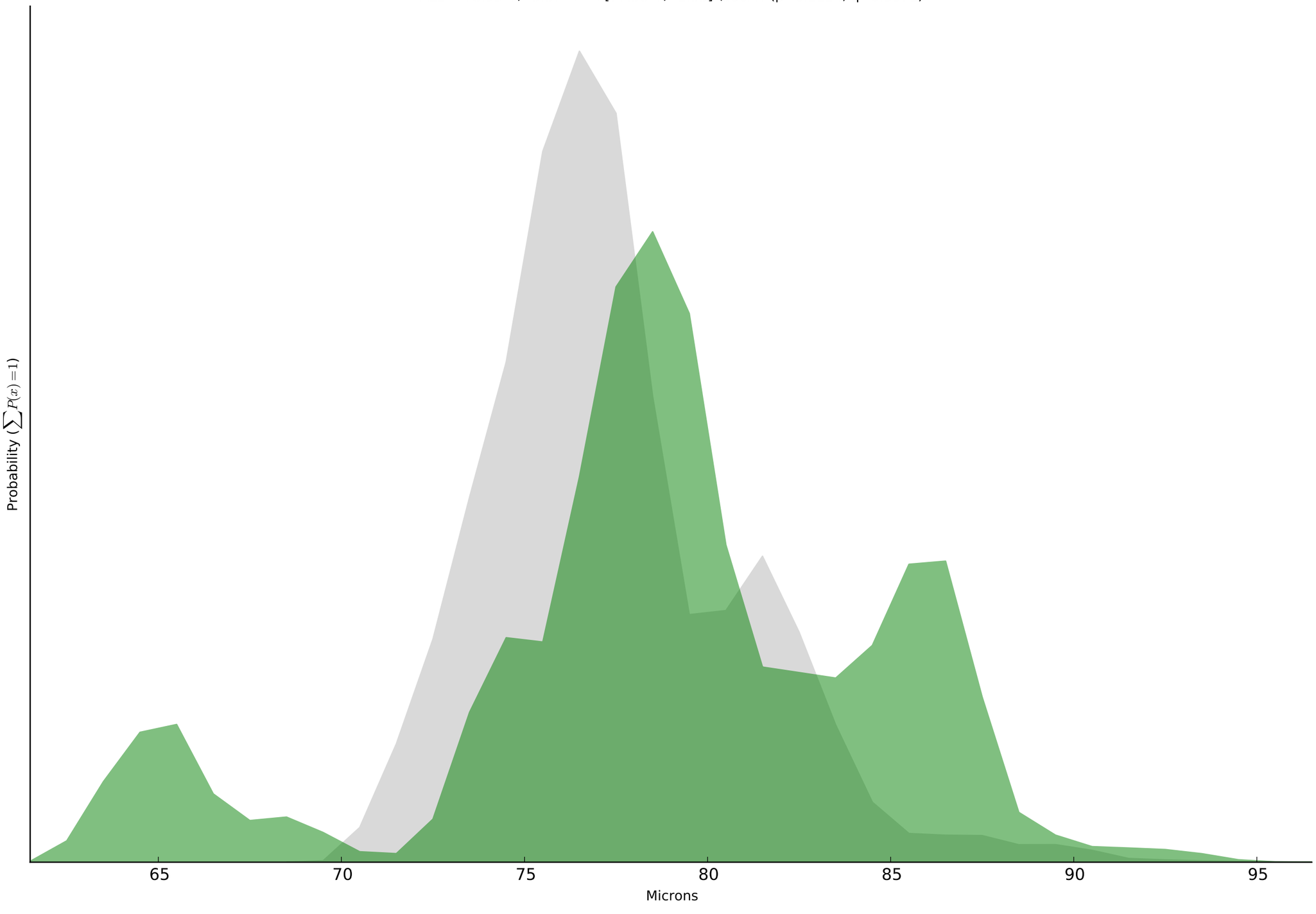
HEAD WIDTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 46.52 +/- 2.96 <<< [46.68 +/- 1.79] \u00A4 (p=0.5967, q=0.7181)



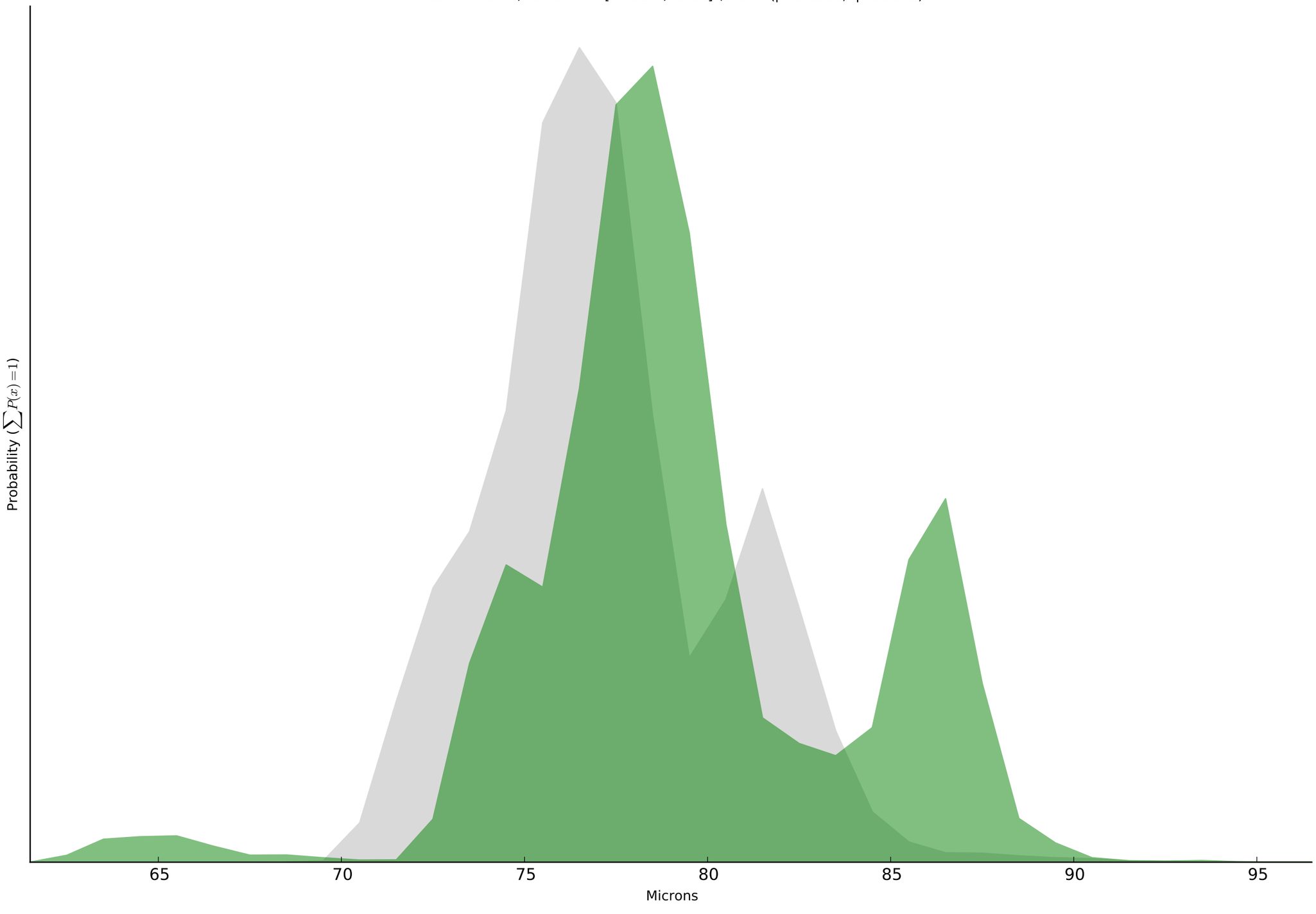
HEAD WIDTH - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 47.27 +/- 3.33 <<< [46.74 +/- 1.91] \u00A4 (p=0.2265, q=0.5874)



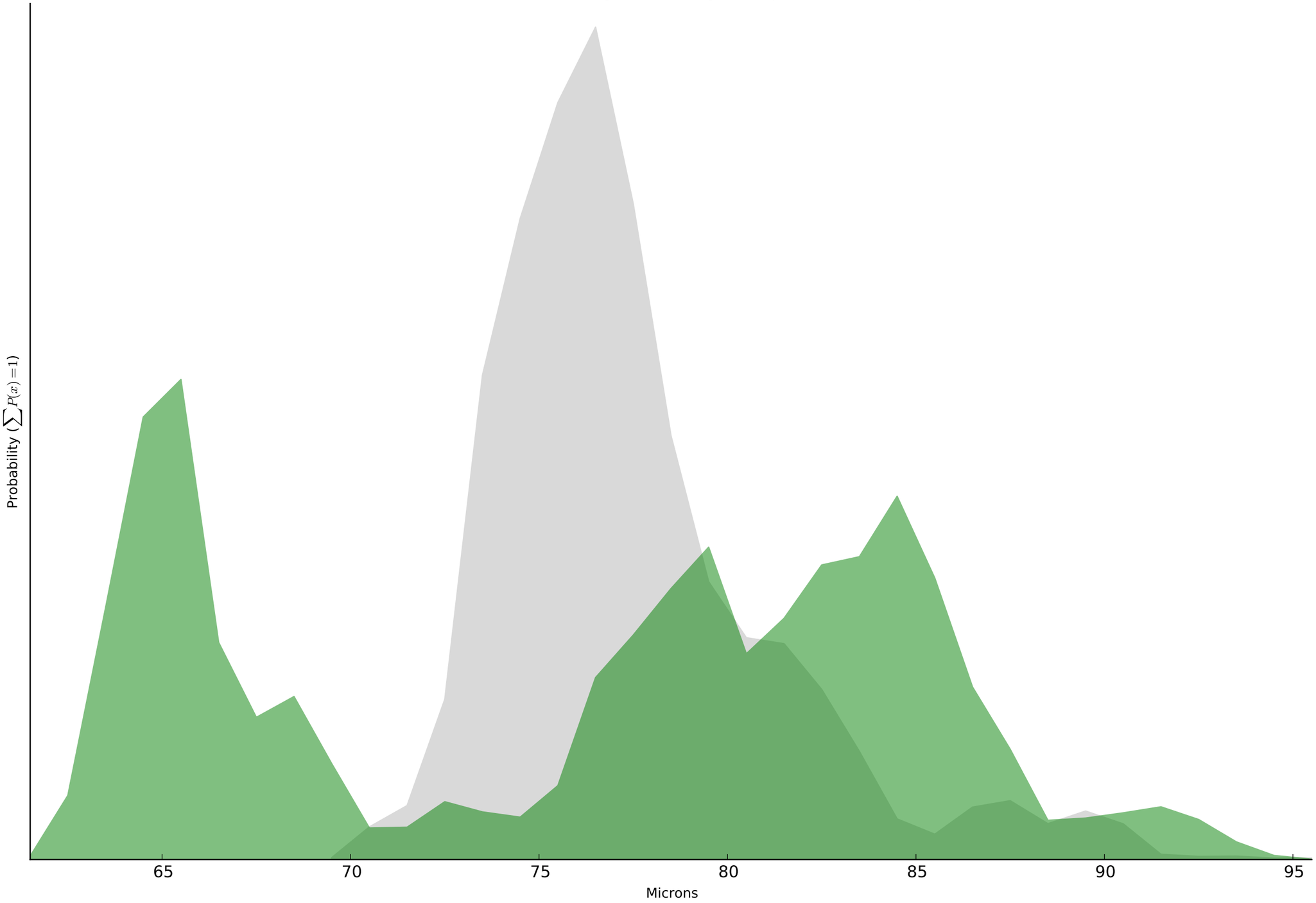
MIDBODY WIDTH - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 78.95 +/- 5.37 <<< [77.38 +/- 2.55] \u00A4 (p=0.1124, q=0.5571)



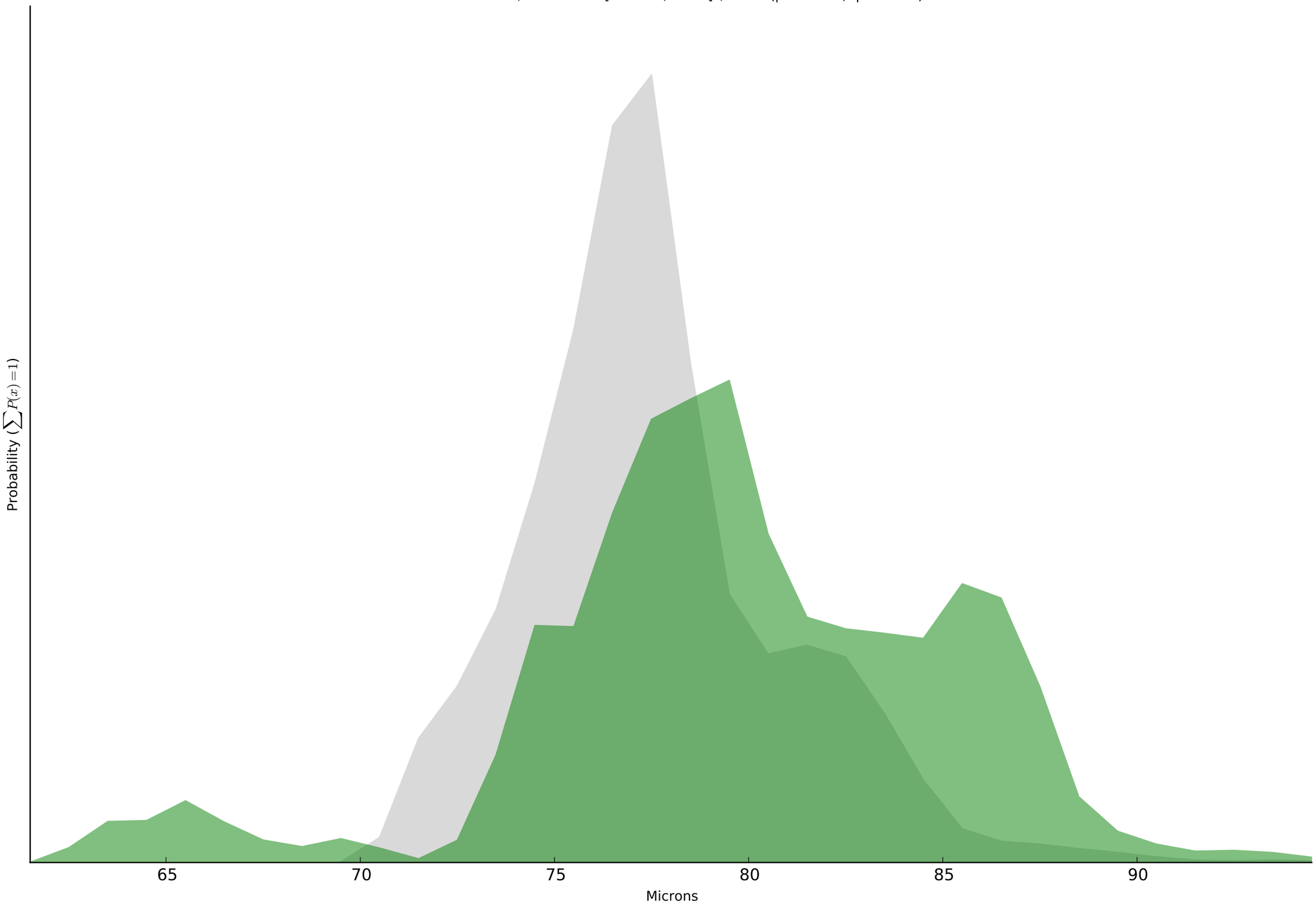
MIDBODY WIDTH - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 78.59 +/- 5.43 <<< [77.01 +/- 2.58] \u00A4 (p=0.1509, q=0.5571)



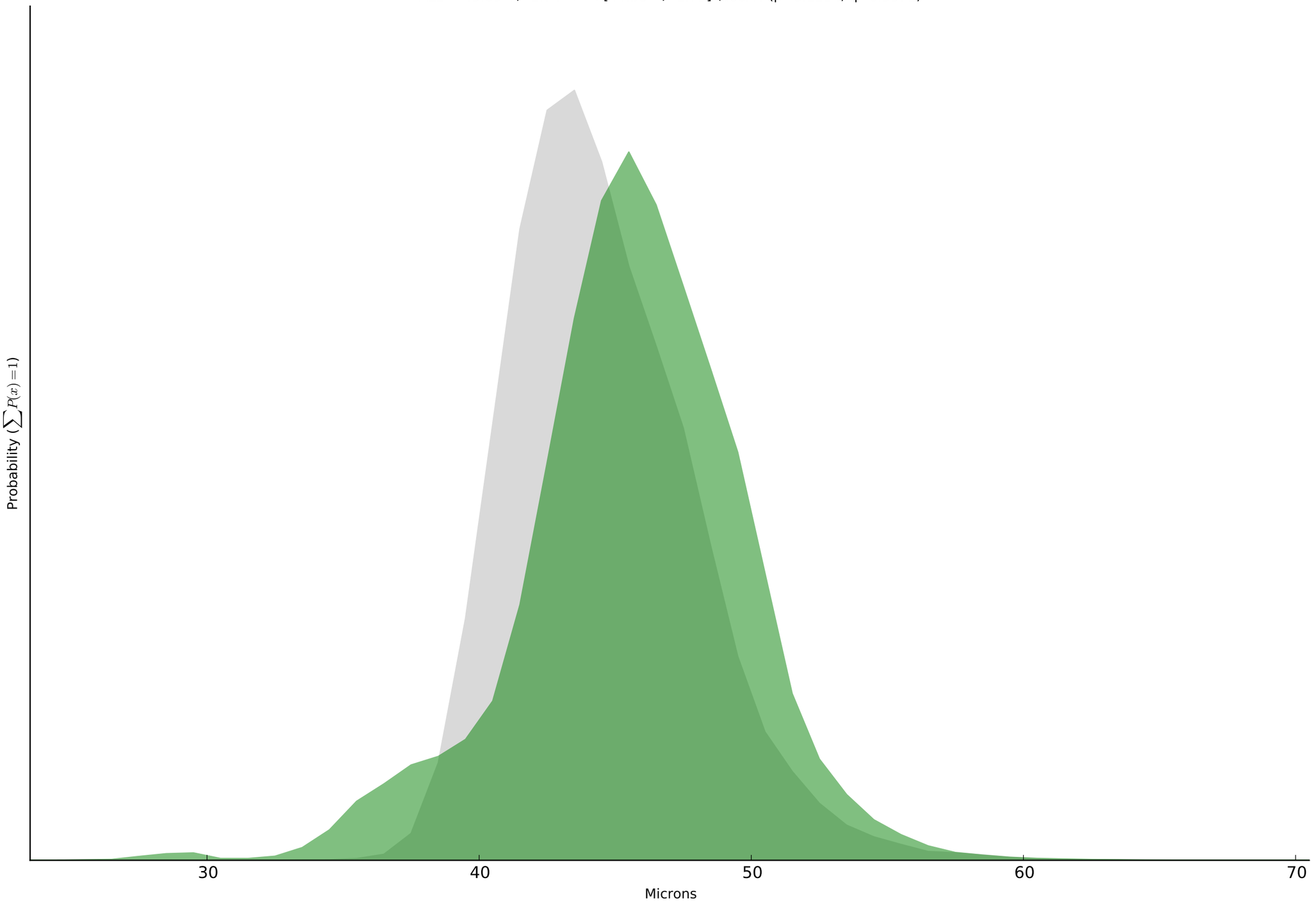
MIDBODY WIDTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 79.41 +/- 5.62 <<< [77.79 +/- 2.53] \u00A4 (p=0.0963, q=0.5518)



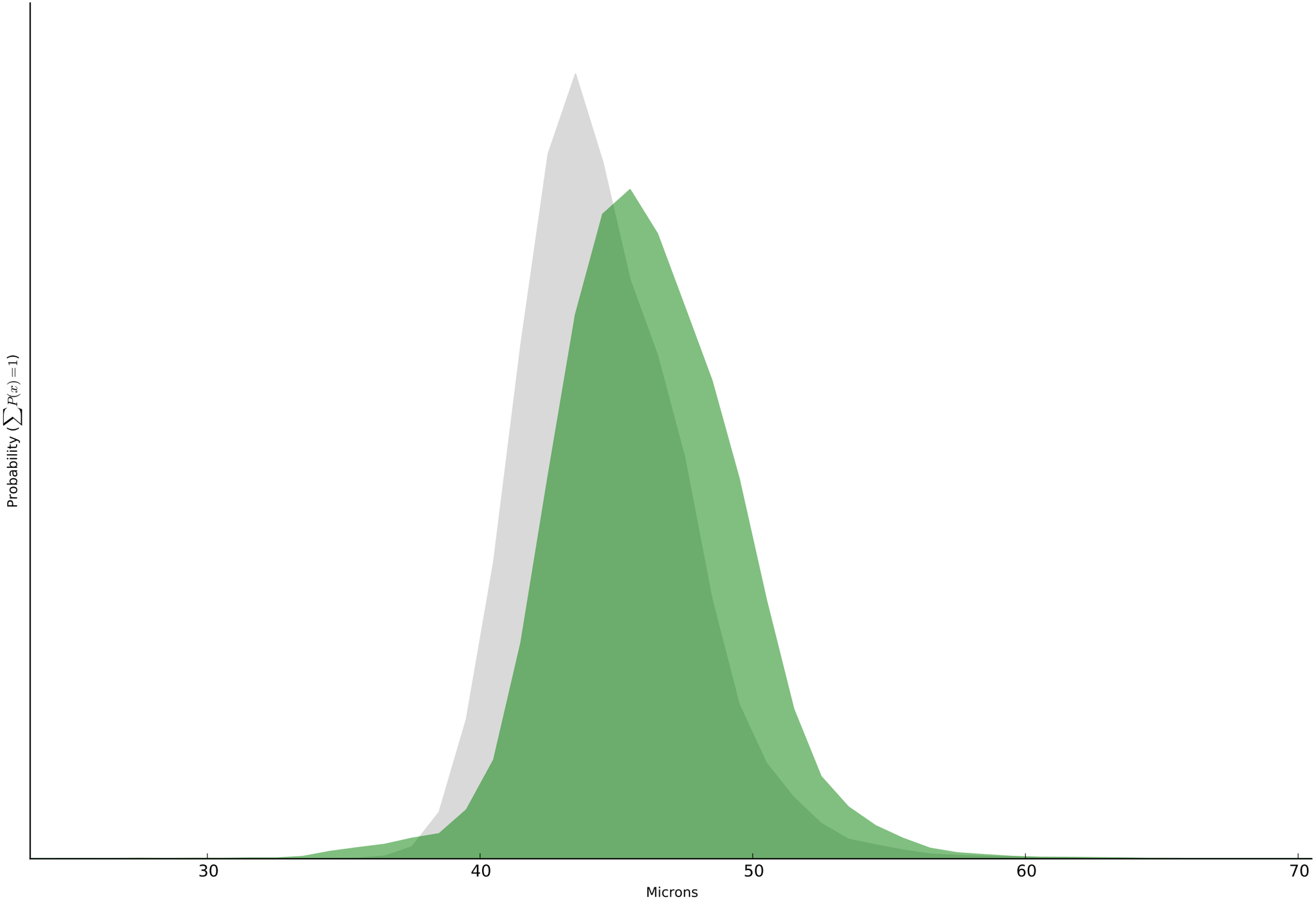
MIDBODY WIDTH - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 79.58 +/- 5.59 <<< [77.69 +/- 2.40] \u00A4 (p=0.0963, q=0.5518)



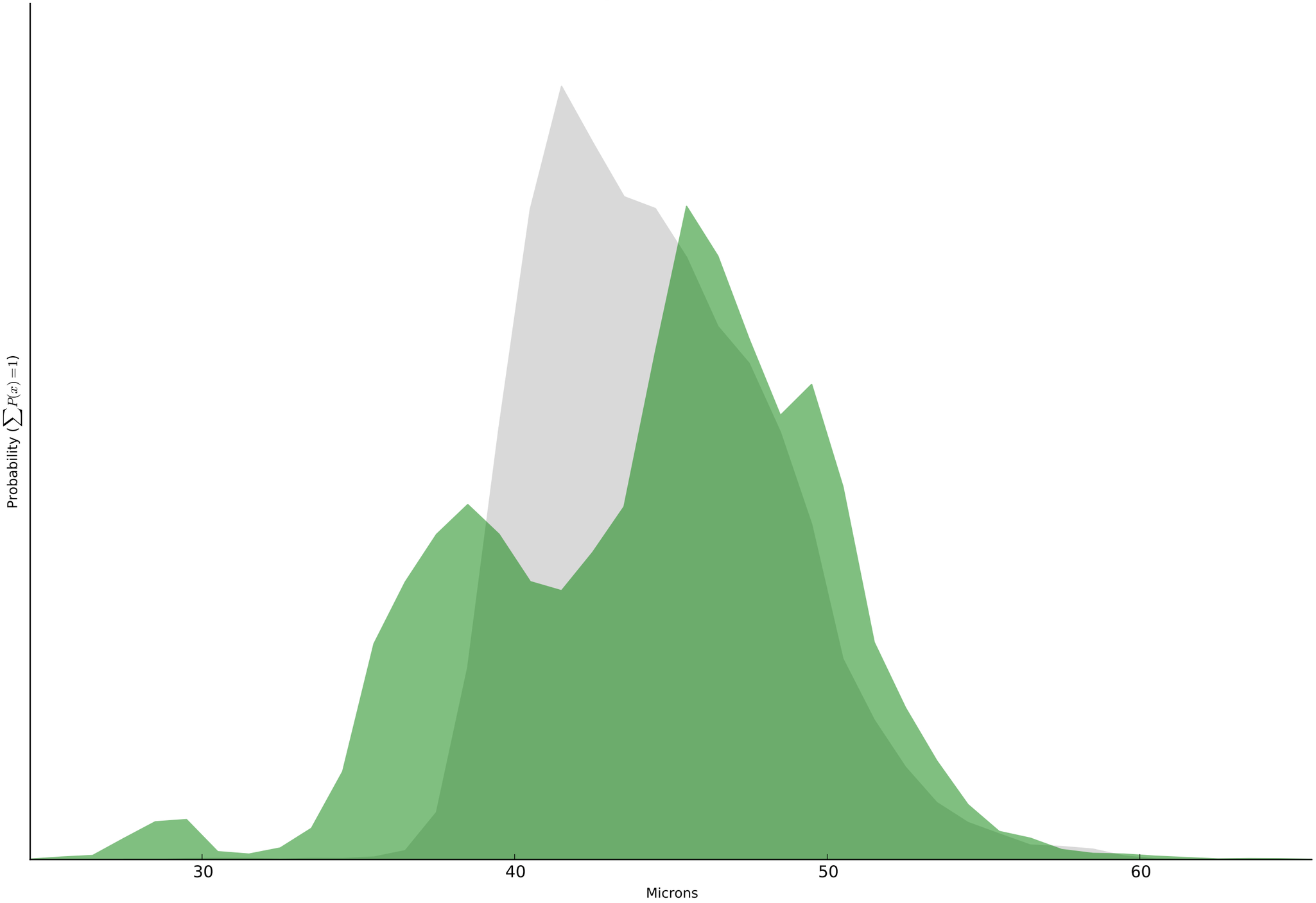
TAIL WIDTH - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 45.63 +/- 2.74 <<< [44.50 +/- 1.73] \u00A4 (p=0.1124, q=0.5571)



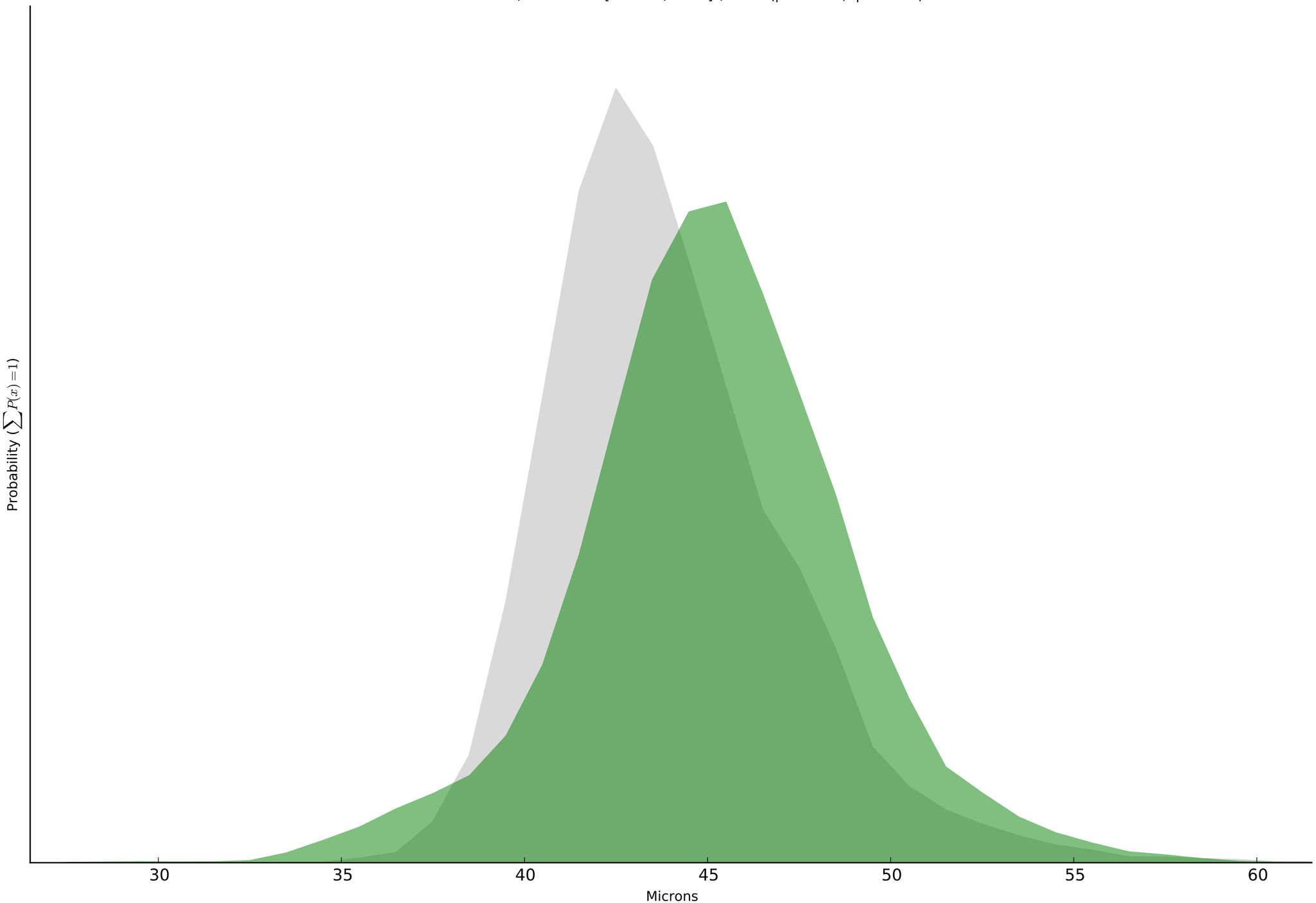
TAIL WIDTH - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 45.63 +/- 2.86 <<< [44.35 +/- 1.71] \u00A4 (p=0.0494, q=0.5518)



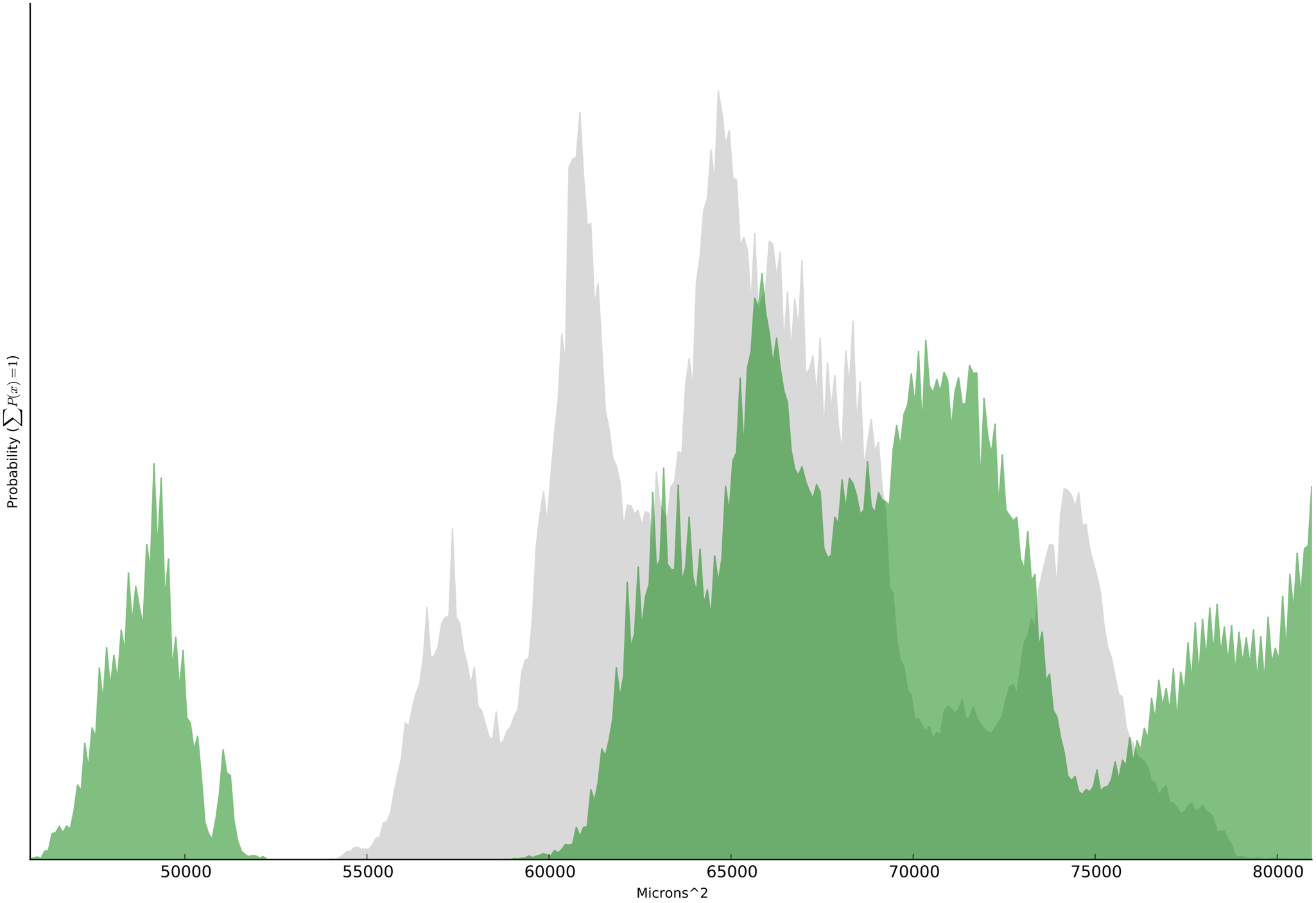
TAIL WIDTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 46.44 +/- 2.82 <<< [44.95 +/- 1.89] \u00A4 (p=0.0963, q=0.5518)



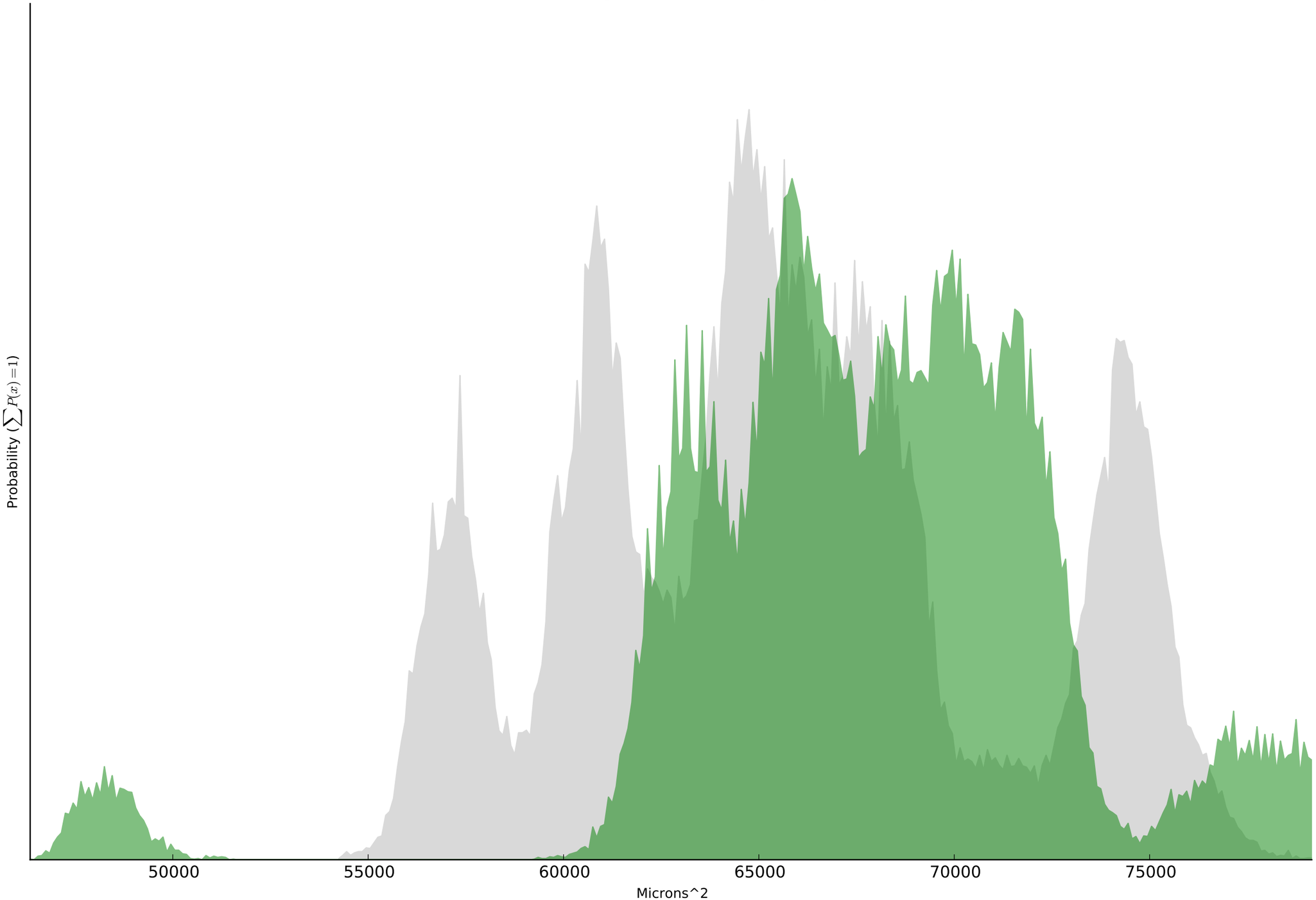
TAIL WIDTH - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 45.01 +/- 2.94 <<< [43.98 +/- 1.52] \u00A4 (p=0.1306, q=0.5571)



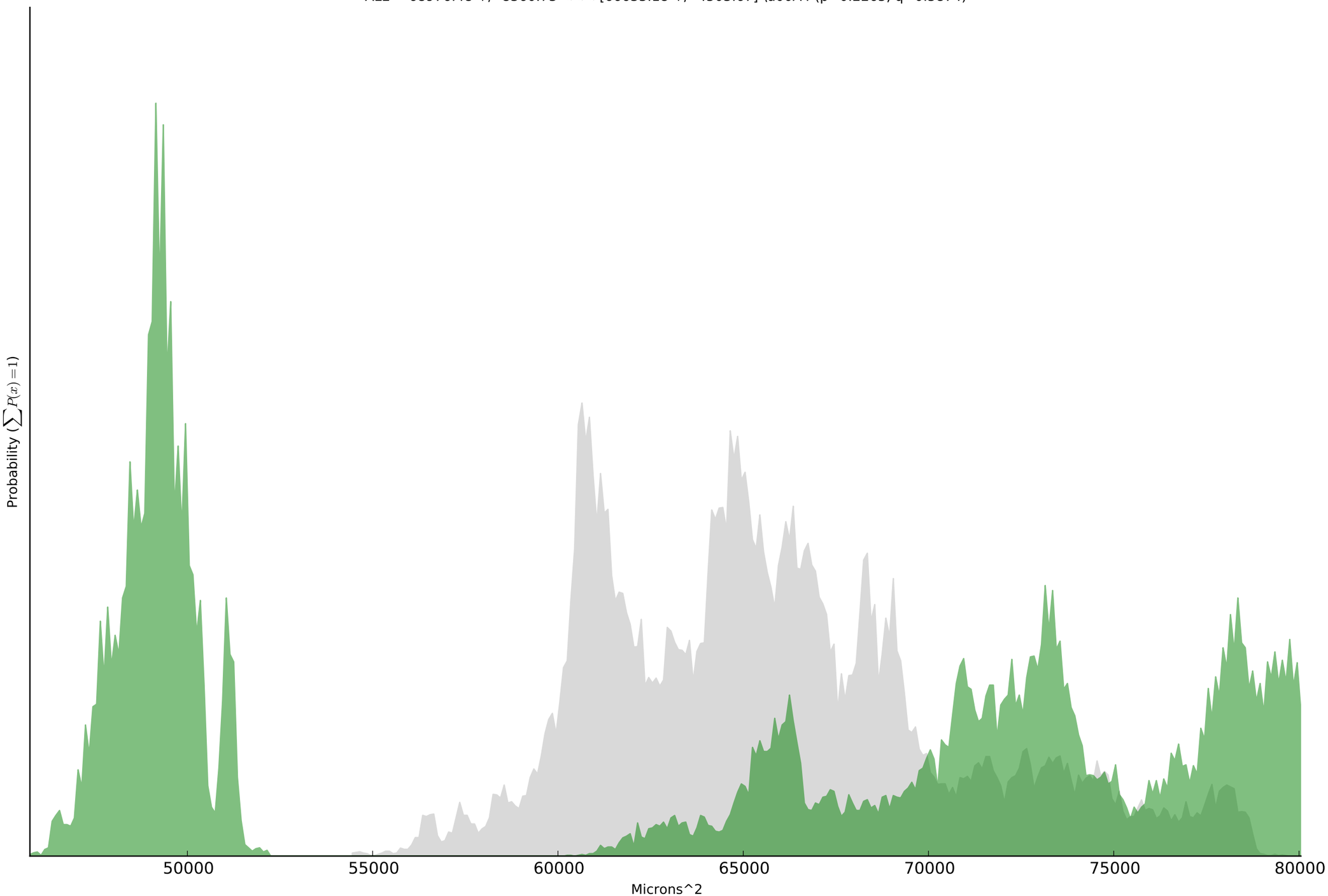
AREA - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 68493.77 +/- 8322.91 <<< [65815.82 +/- 4696.36] \u00A4 (p=0.1736, q=0.5571)



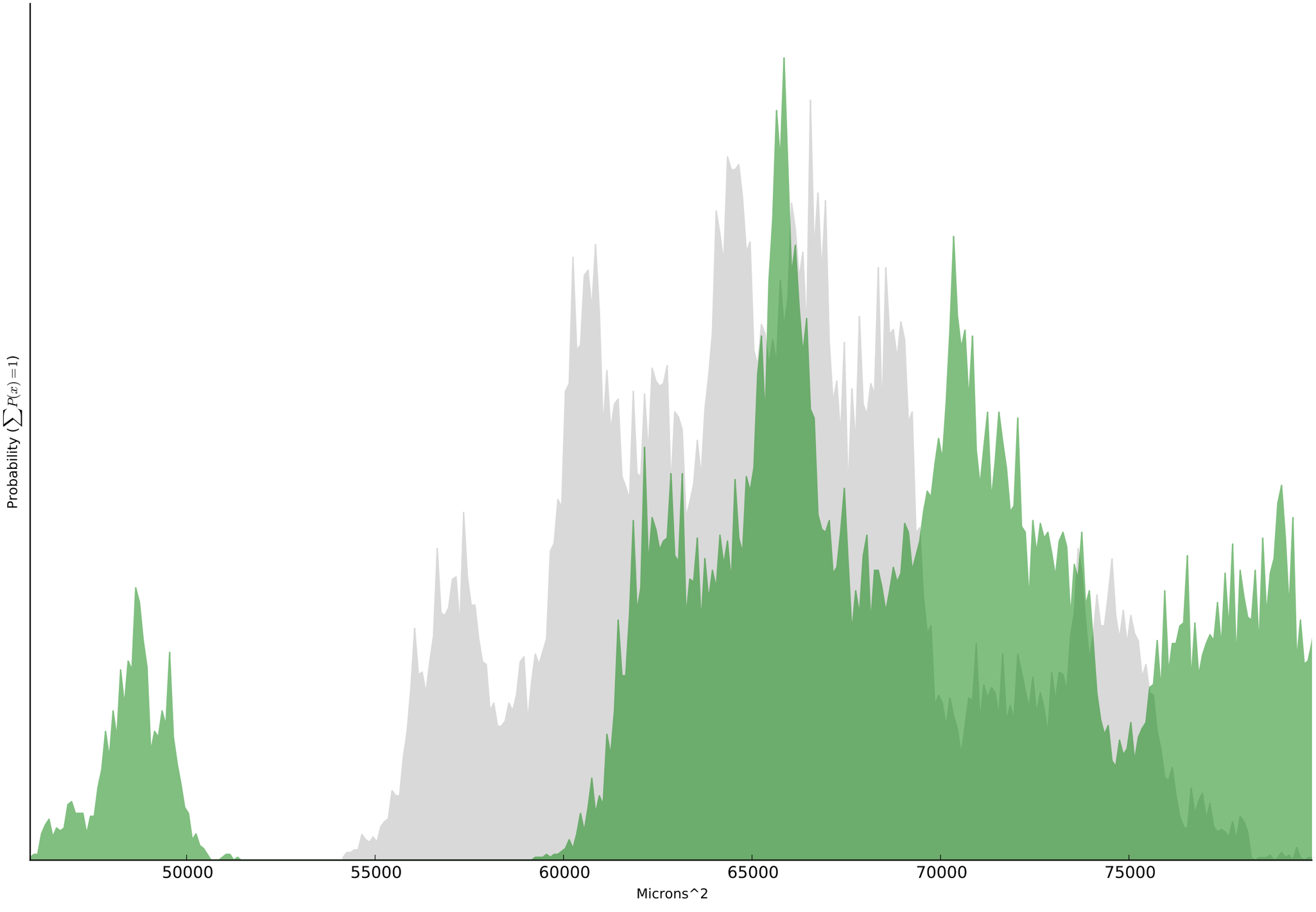
AREA - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 68125.16 +/- 8405.67 <<< [65340.03 +/- 4737.85] \u00A4 (p=0.1988, q=0.5571)



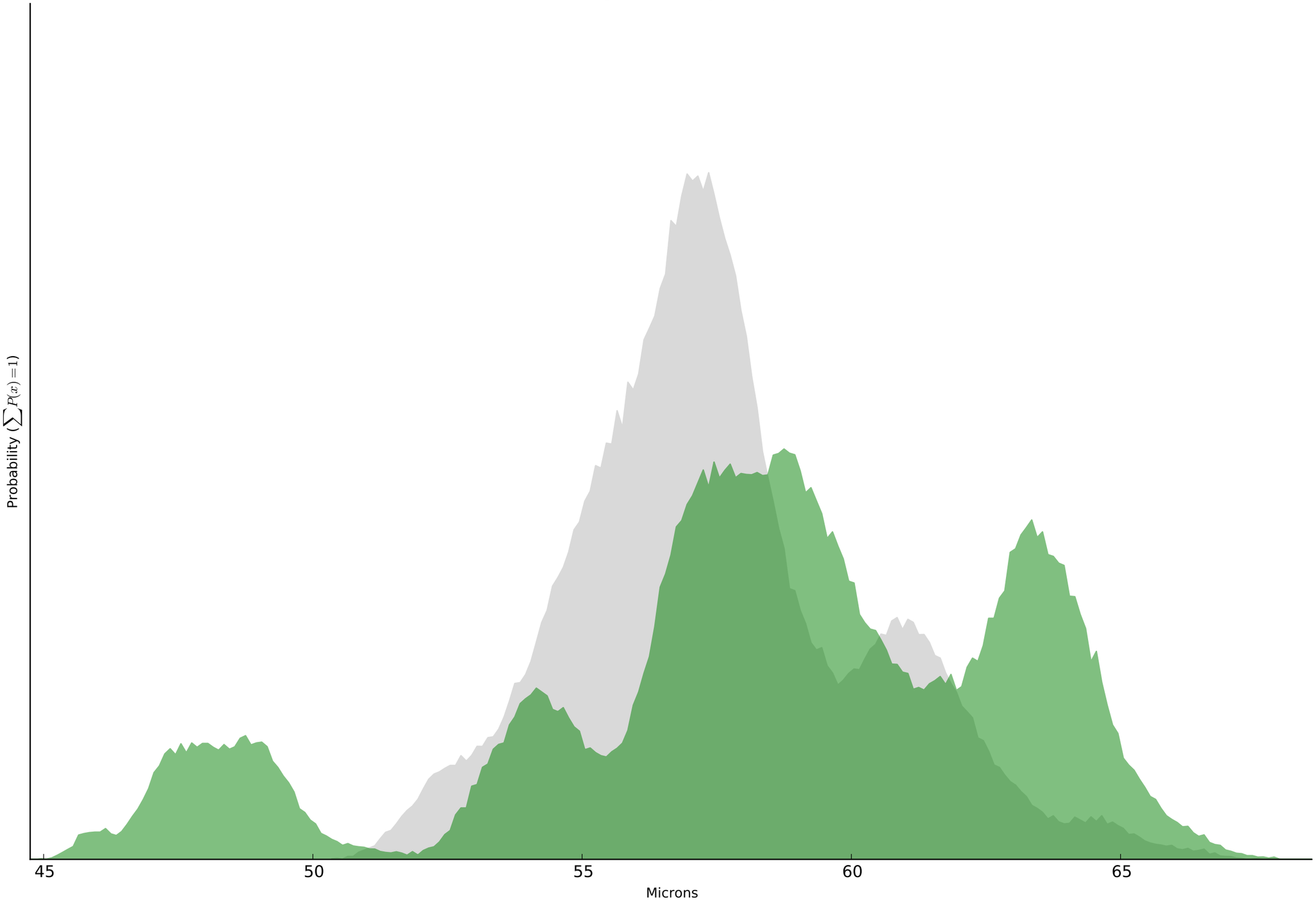
AREA - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 68976.48 +/- 8360.73 <<< [66633.18 +/- 4503.67] \u00A4 (p=0.2265, q=0.5874)



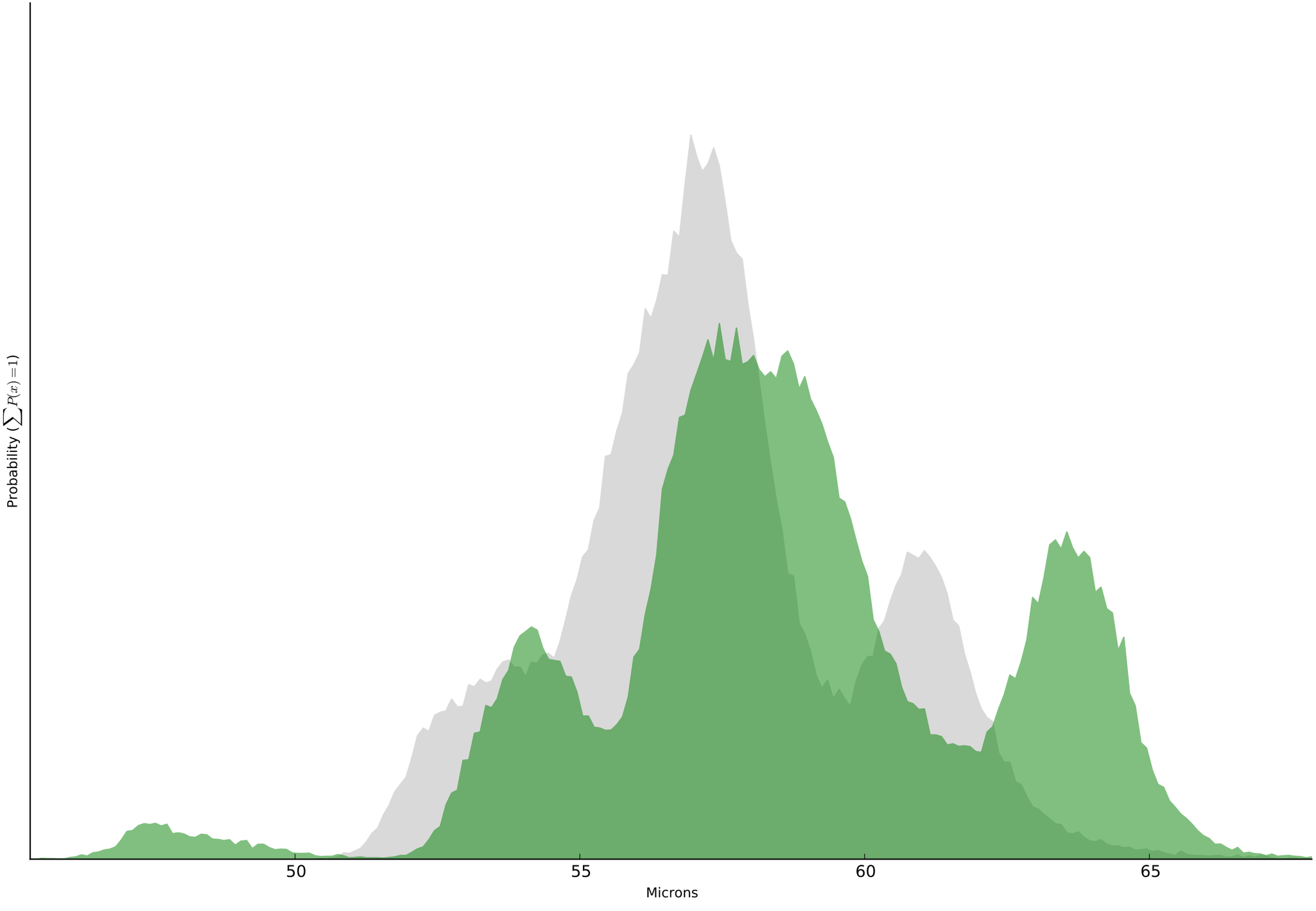
AREA - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 68705.46 +/- 8431.21 <<< [65821.88 +/- 4561.56] \u00A4 (p=0.1988, q=0.5571)



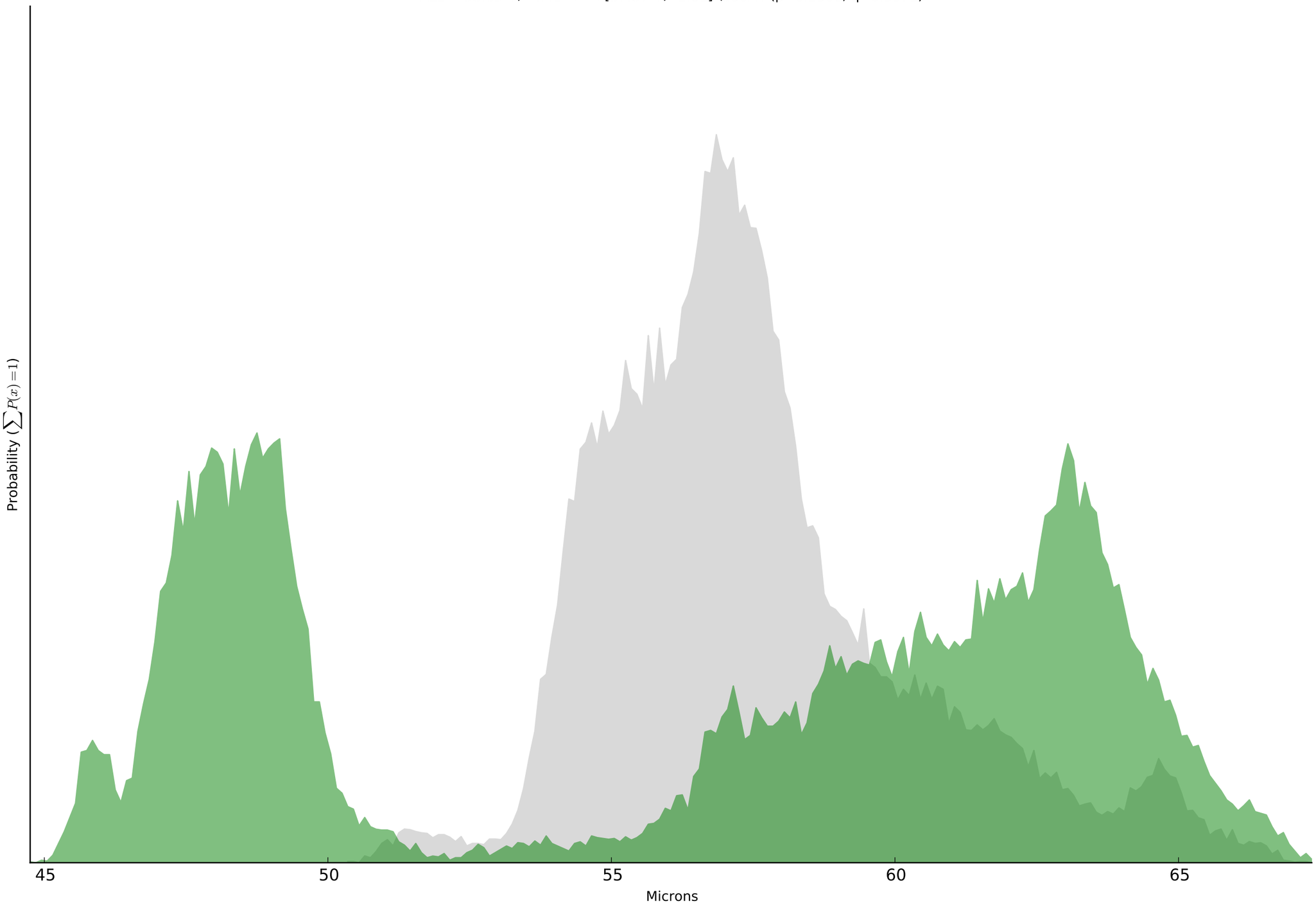
AREA/LENGTH - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 58.48 +/- 4.30 <<< [57.54 +/- 2.11] \u00A4 (p=0.1736, q=0.5571)



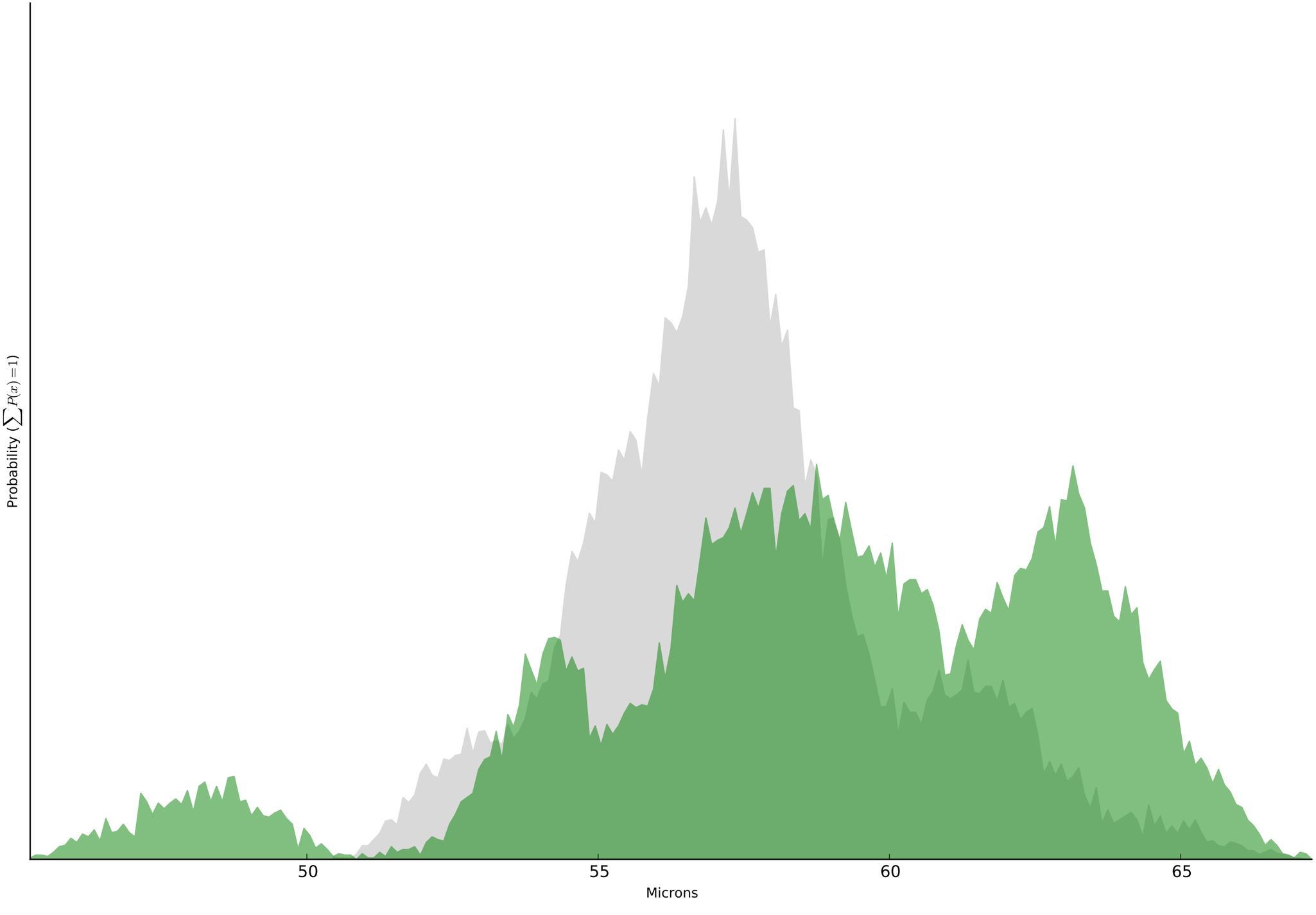
AREA/LENGTH - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 58.32 +/- 4.33 <<< [57.24 +/- 2.14] \u00A4 (p=0.1509, q=0.5571)



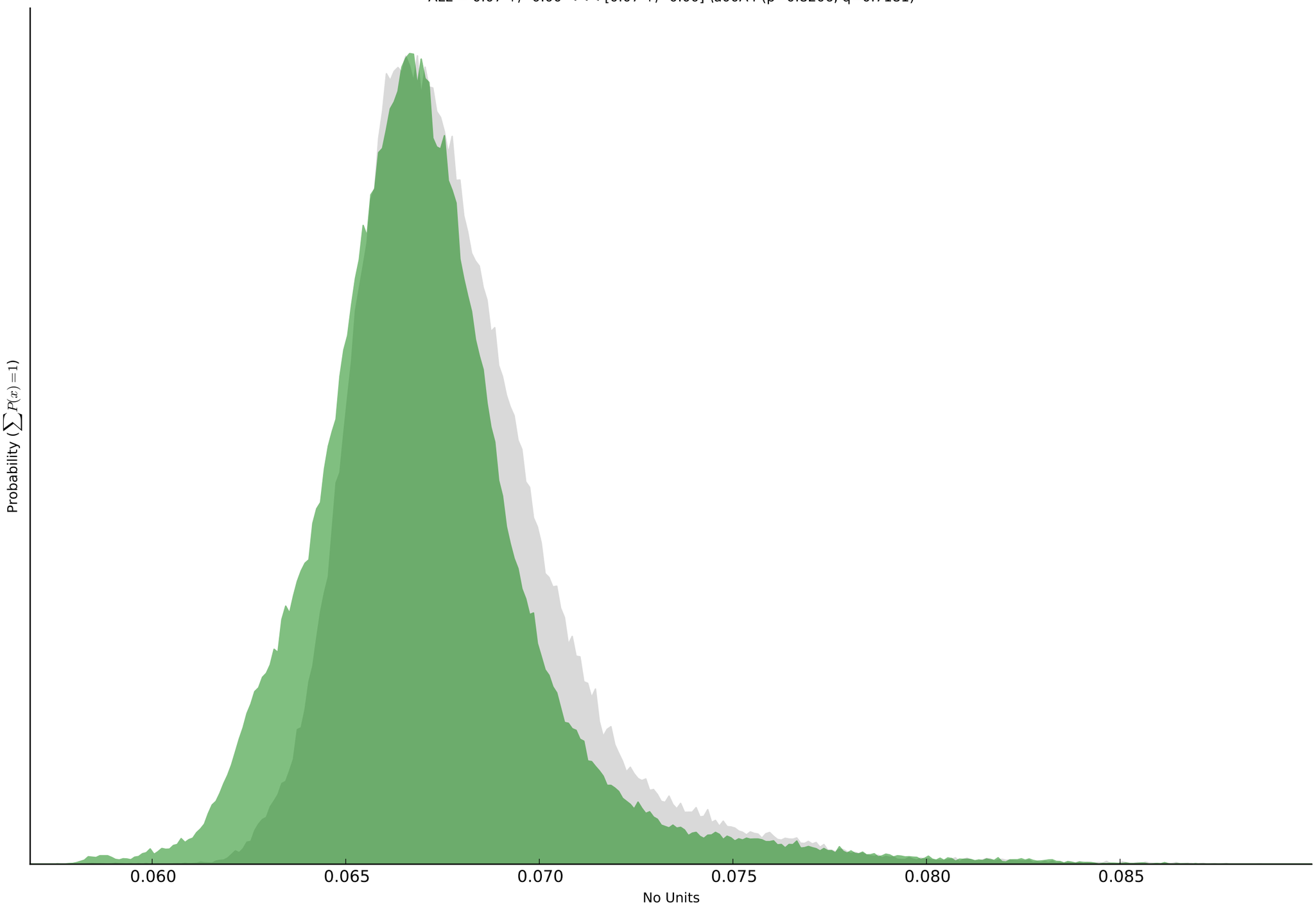
AREA/LENGTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 58.85 +/- 4.41 <<< [57.87 +/- 2.01] \u00A4 (p=0.1306, q=0.5571)



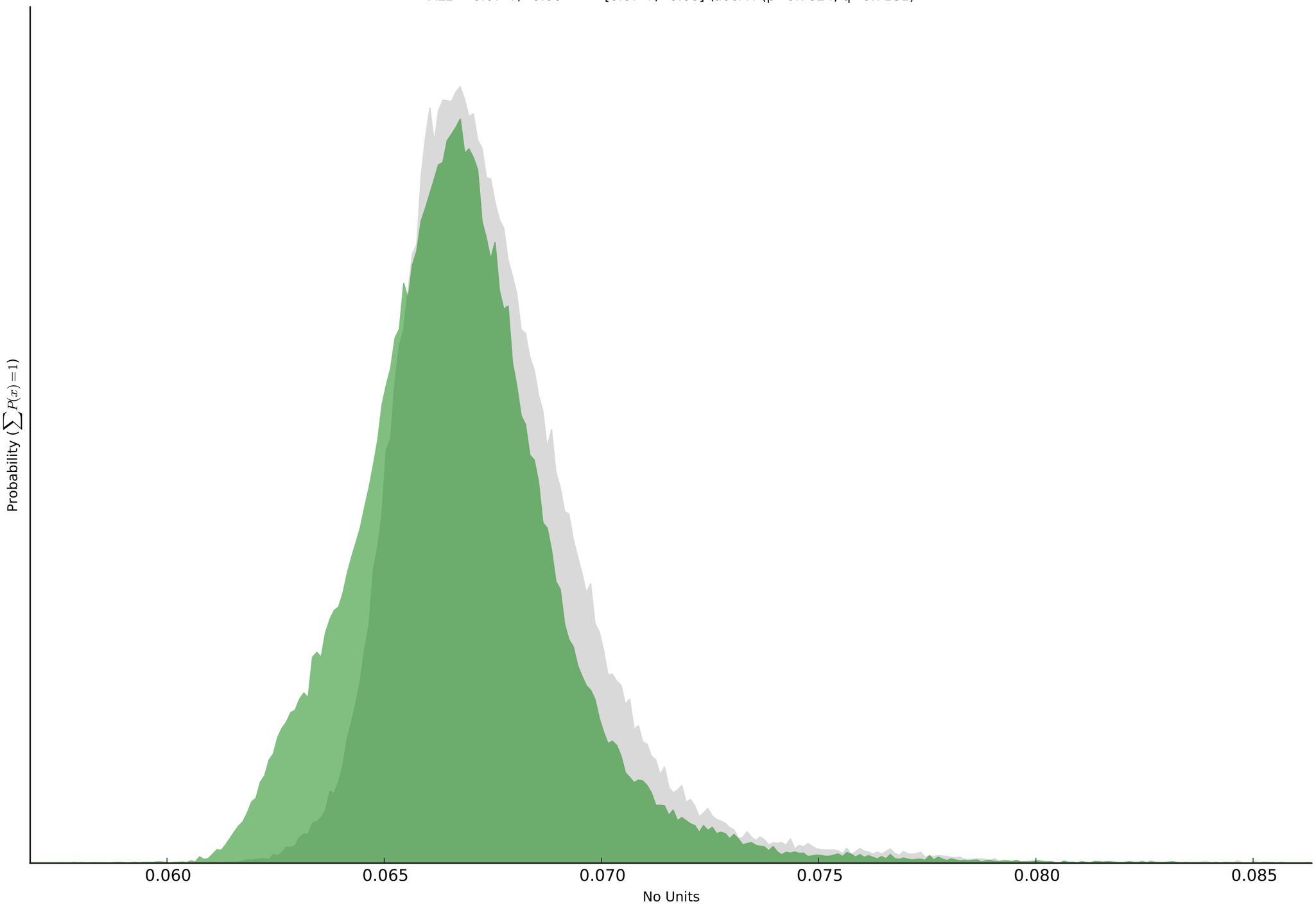
AREA/LENGTH - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 58.75 +/- 4.48 <<< [57.63 +/- 2.04] \u00A4 (p=0.1509, q=0.5571)



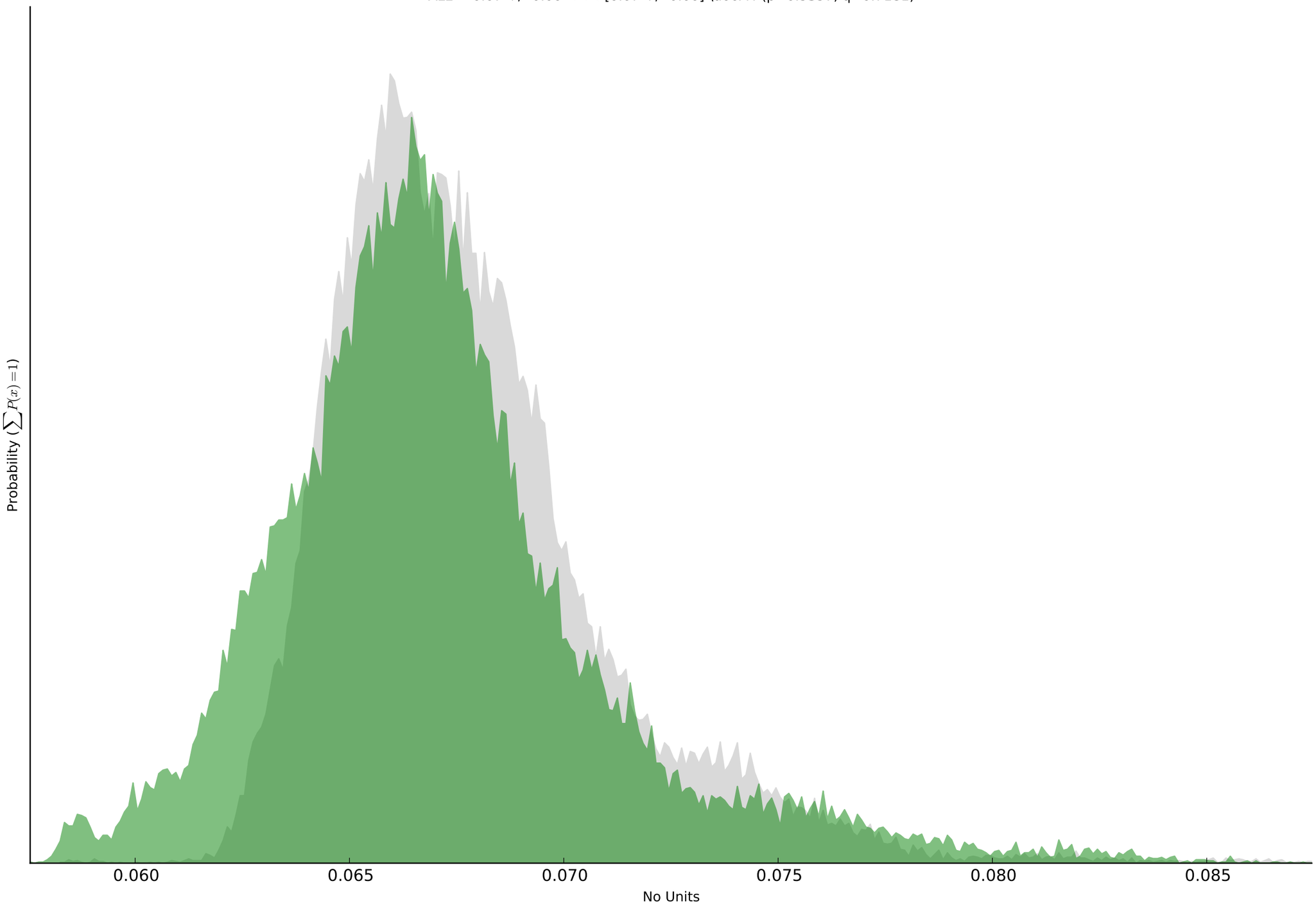
WIDTH/LENGTH - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 0.07 +/- 0.00 <<< [0.07 +/- 0.00] \u00A4 (p=0.8206, q=0.7181)



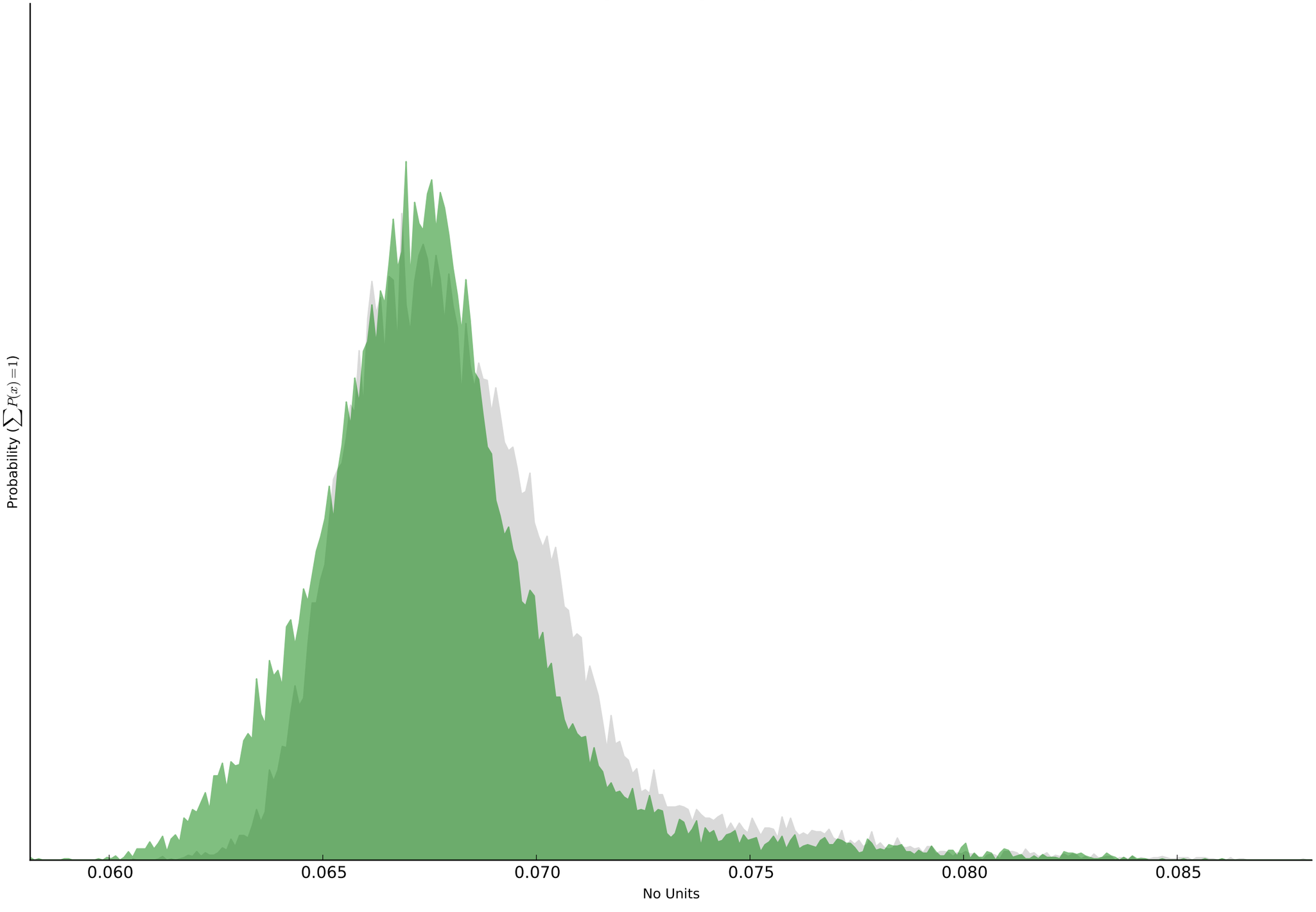
WIDTH/LENGTH - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 0.07 +/- 0.00 <<< [0.07 +/- 0.00] \u00A4 (p=0.7624, q=0.7181)



WIDTH/LENGTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 0.07 +/- 0.00 <<< [0.07 +/- 0.00] \u00A4 (p=0.9397, q=0.7181)



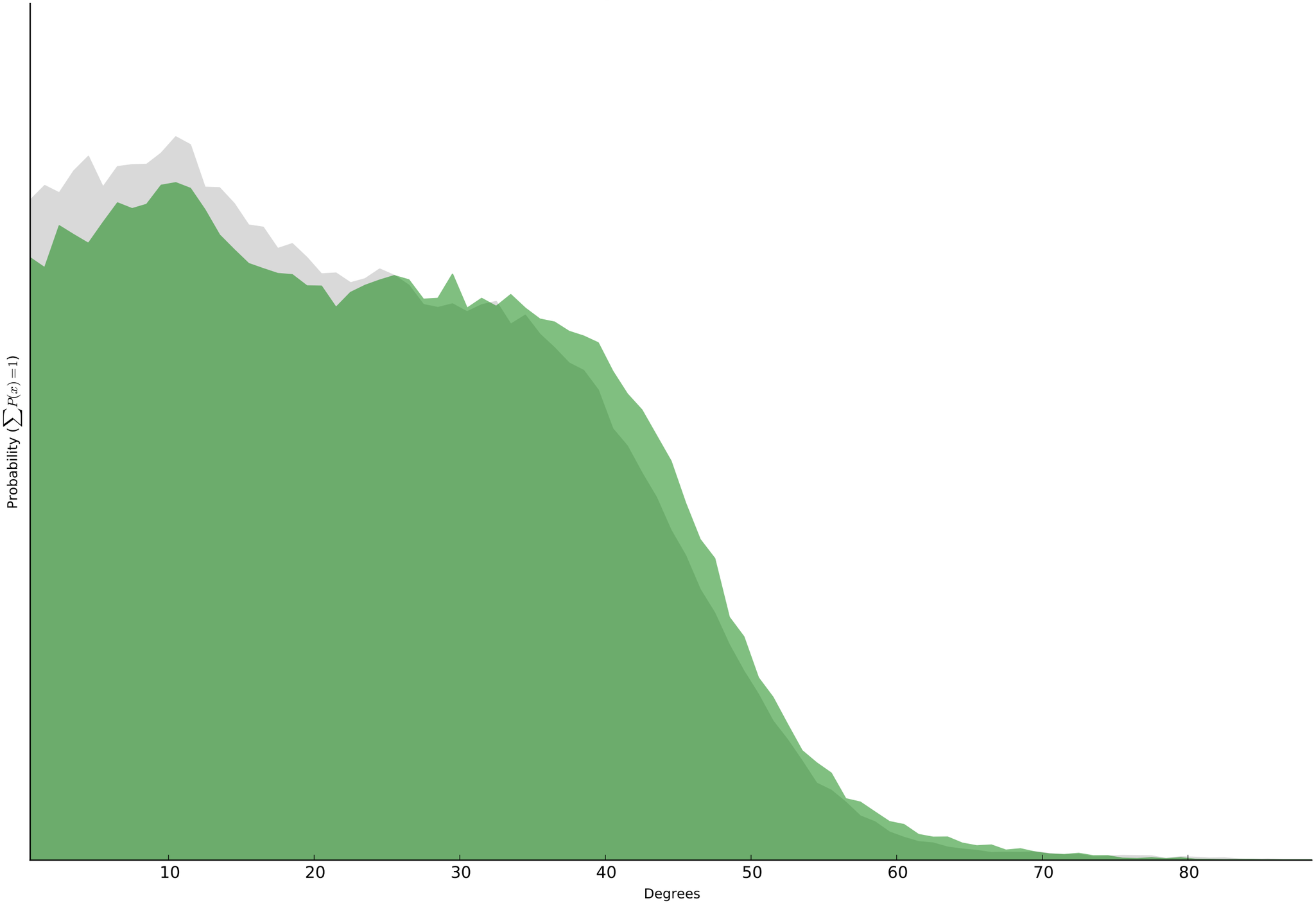
WIDTH/LENGTH - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 0.07 +/- 0.00 <<< [0.07 +/- 0.00] \u00A4 (p=0.7624, q=0.7181)



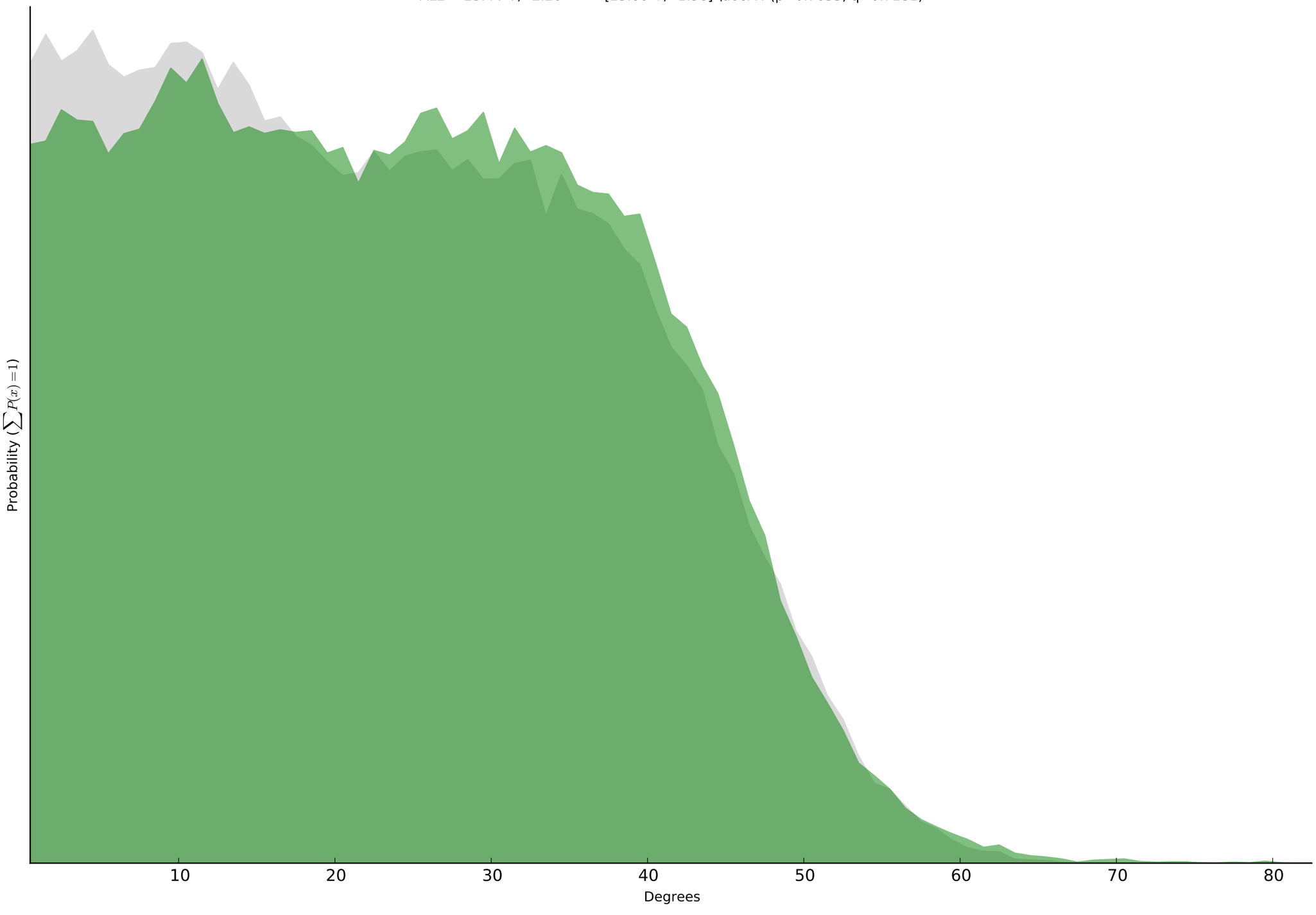
bend count

coil time

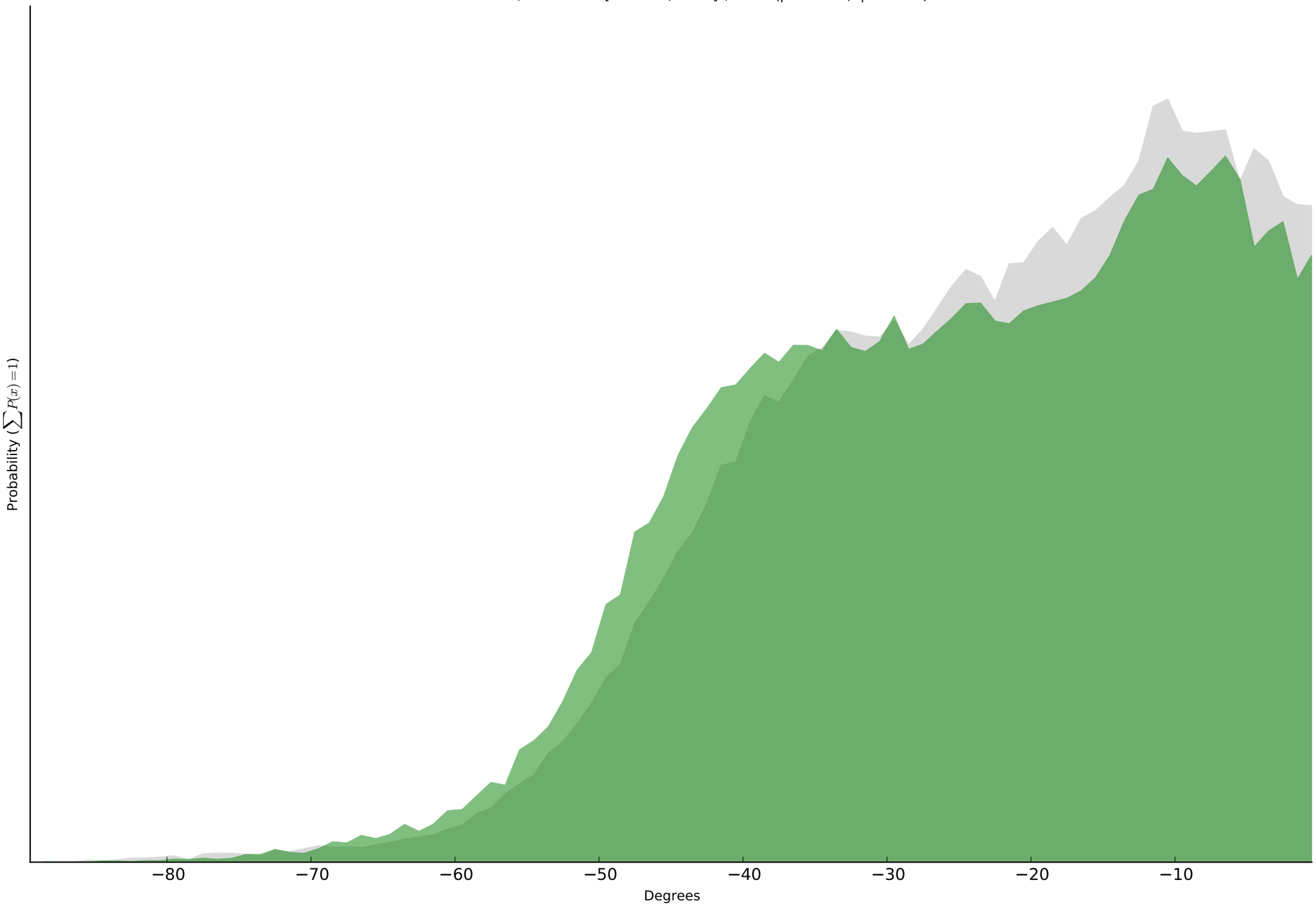
HEAD BEND MEAN (+/- = D/V INSIDE) - all- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 23.81 +/- 2.27 <<< [22.89 +/- 2.02] \u00A4 (p=0.3258, q=0.6409)



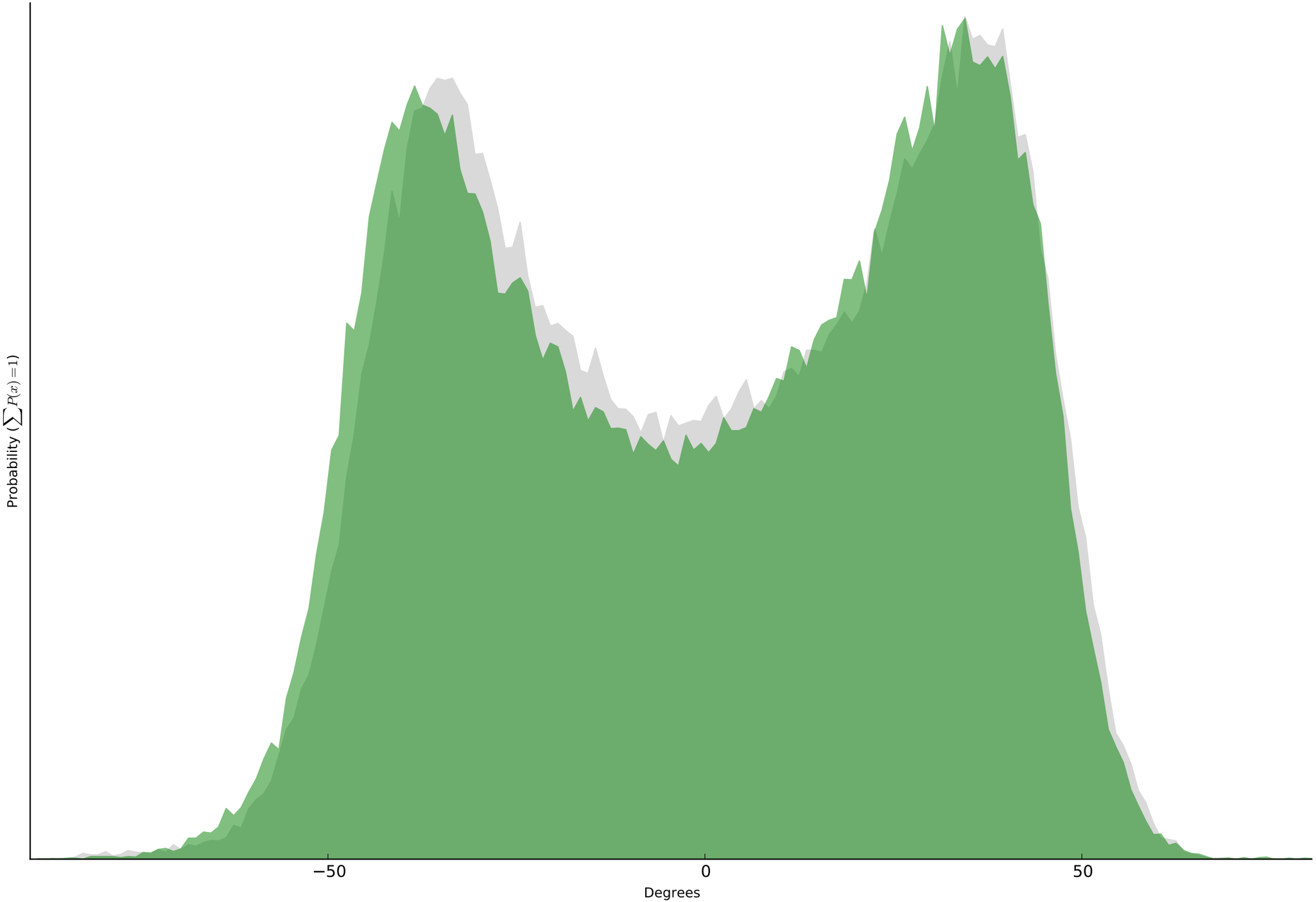
HEAD BEND MEAN (+/- = D/V INSIDE) - all- positive (3)
WORMS = 10 [10] \u00A4 SAMPLES = 106,030 [118,948]
ALL = 23.44 +/- 2.20 <<< [23.00 +/- 1.96] \u00A4 (p=0.7055, q=0.7181)



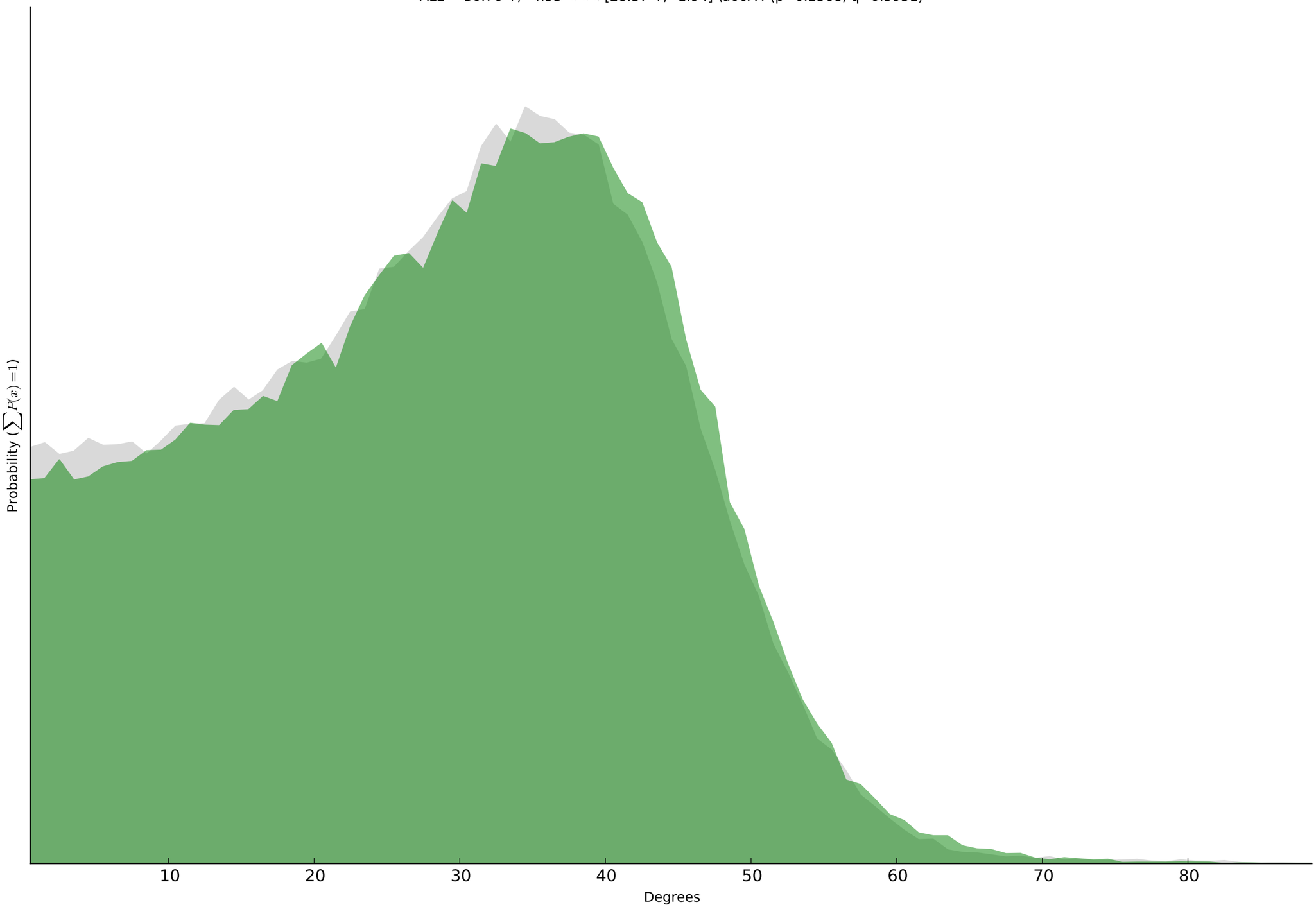
HEAD BEND MEAN (+/- = D/V INSIDE) - all- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 106,237 [115,343]
ALL = -24.15 +/- 2.49 <<< [-22.79 +/- 2.21] \u00A4 (p=0.1988, q=0.5571)

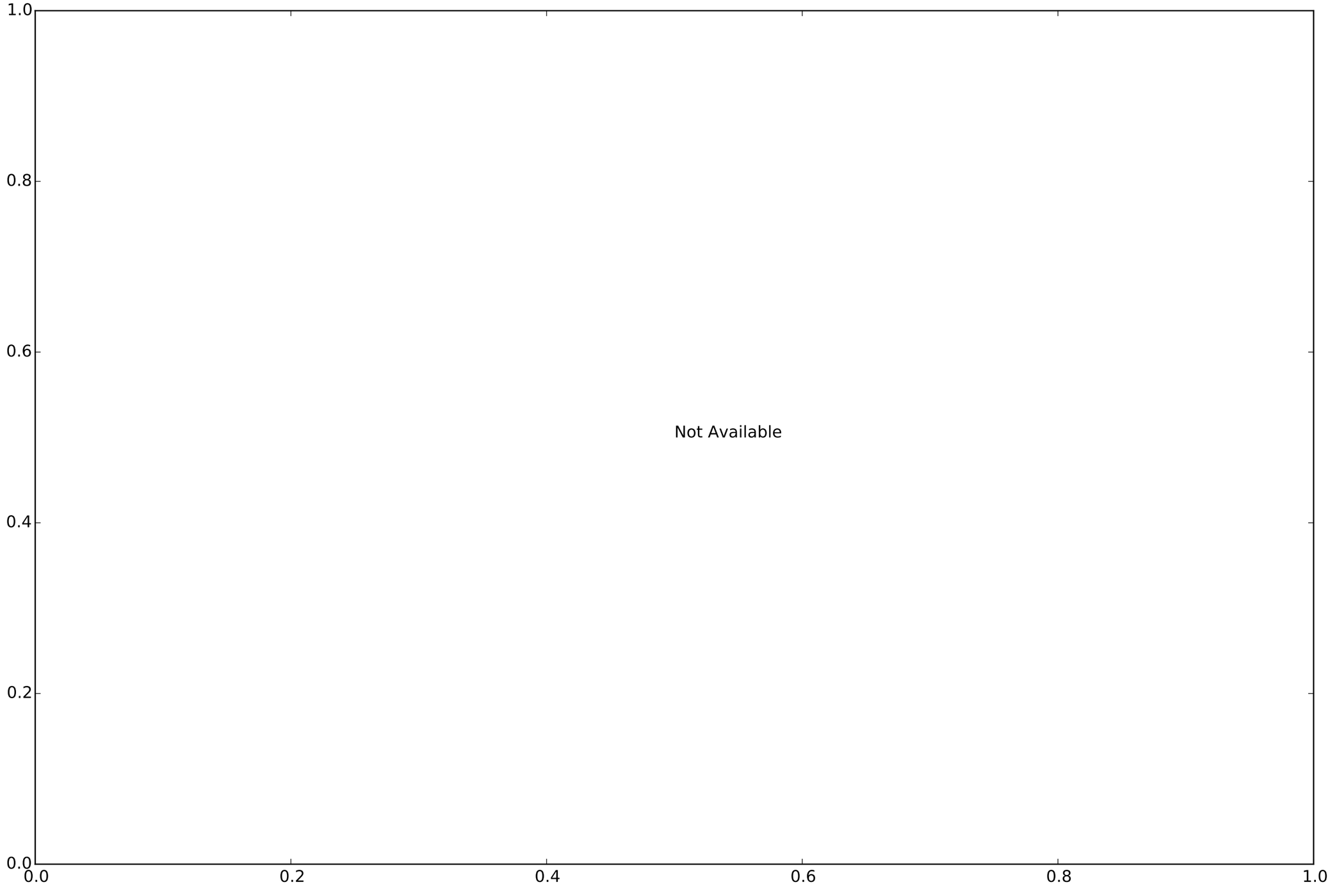


HEAD BEND MEAN (+/- = D/V INSIDE) - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = -4.30 +/- 12.83 <<< [1.04 +/- 1.47] \u00A4 (p=0.1306, q=0.5571)

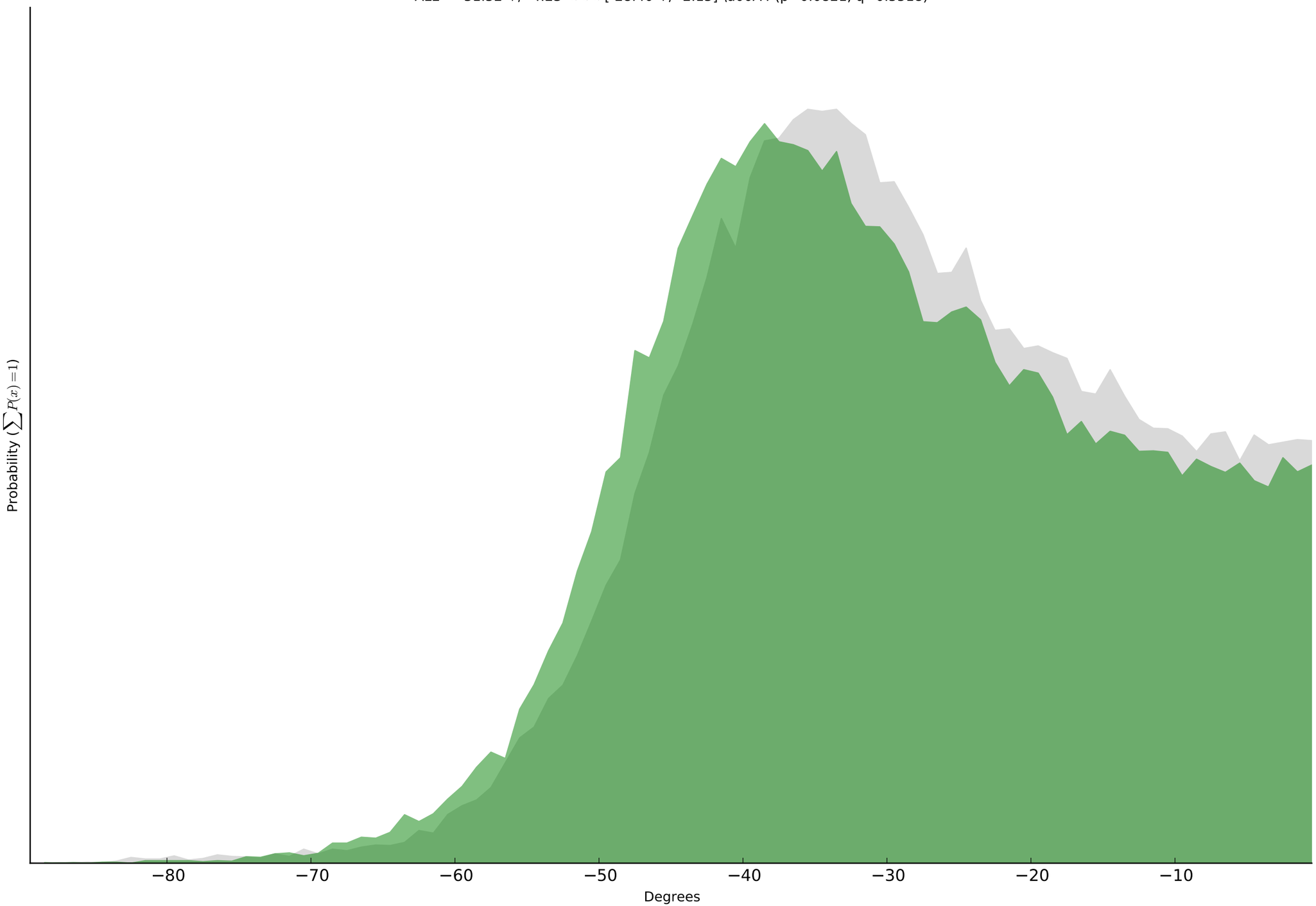


HEAD BEND MEAN (+/- = D/V INSIDE) - forward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 30.76 +/- 4.53 <<< [28.37 +/- 1.94] \u00A4 (p=0.2568, q=0.5951)

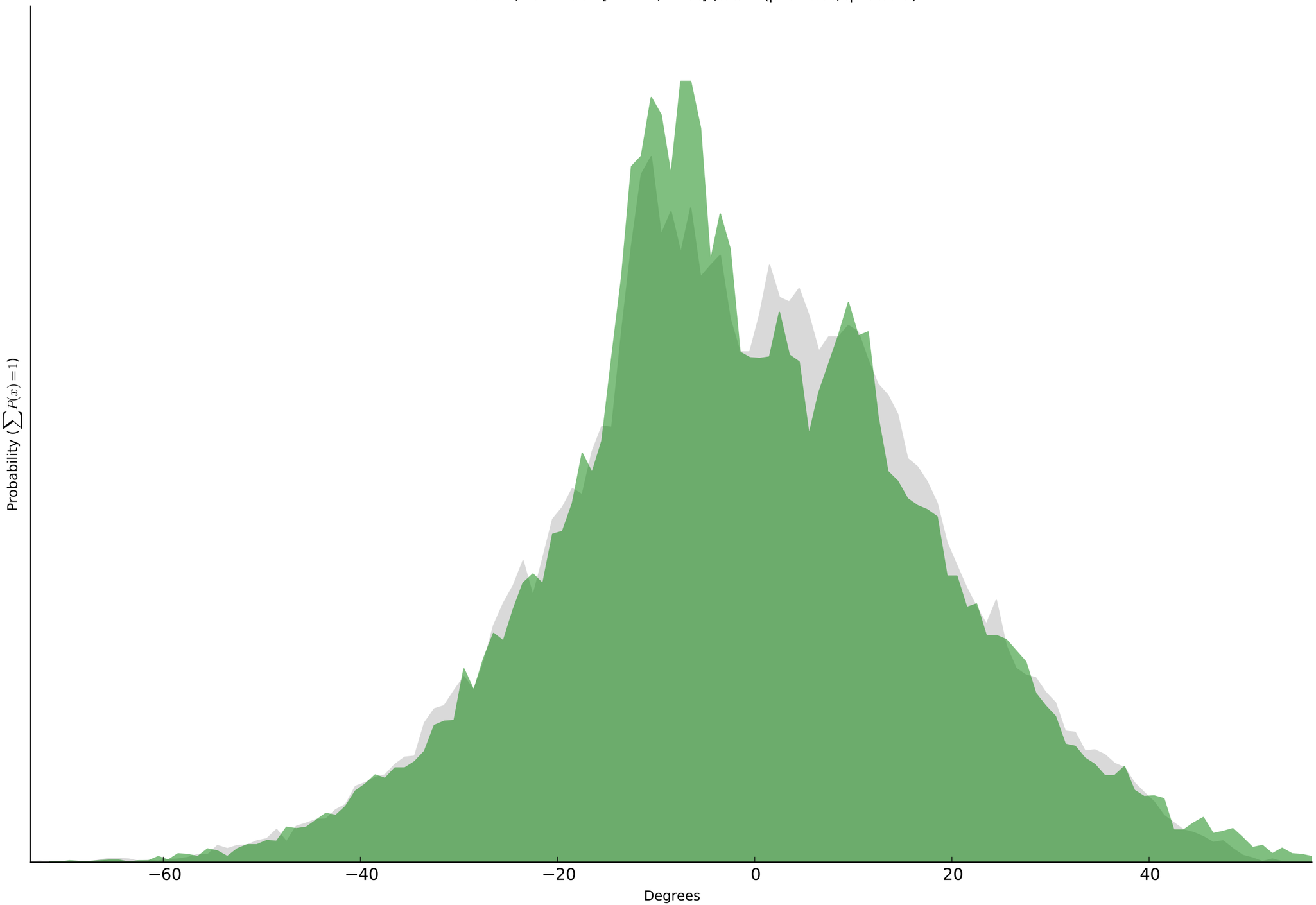



Not Available
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

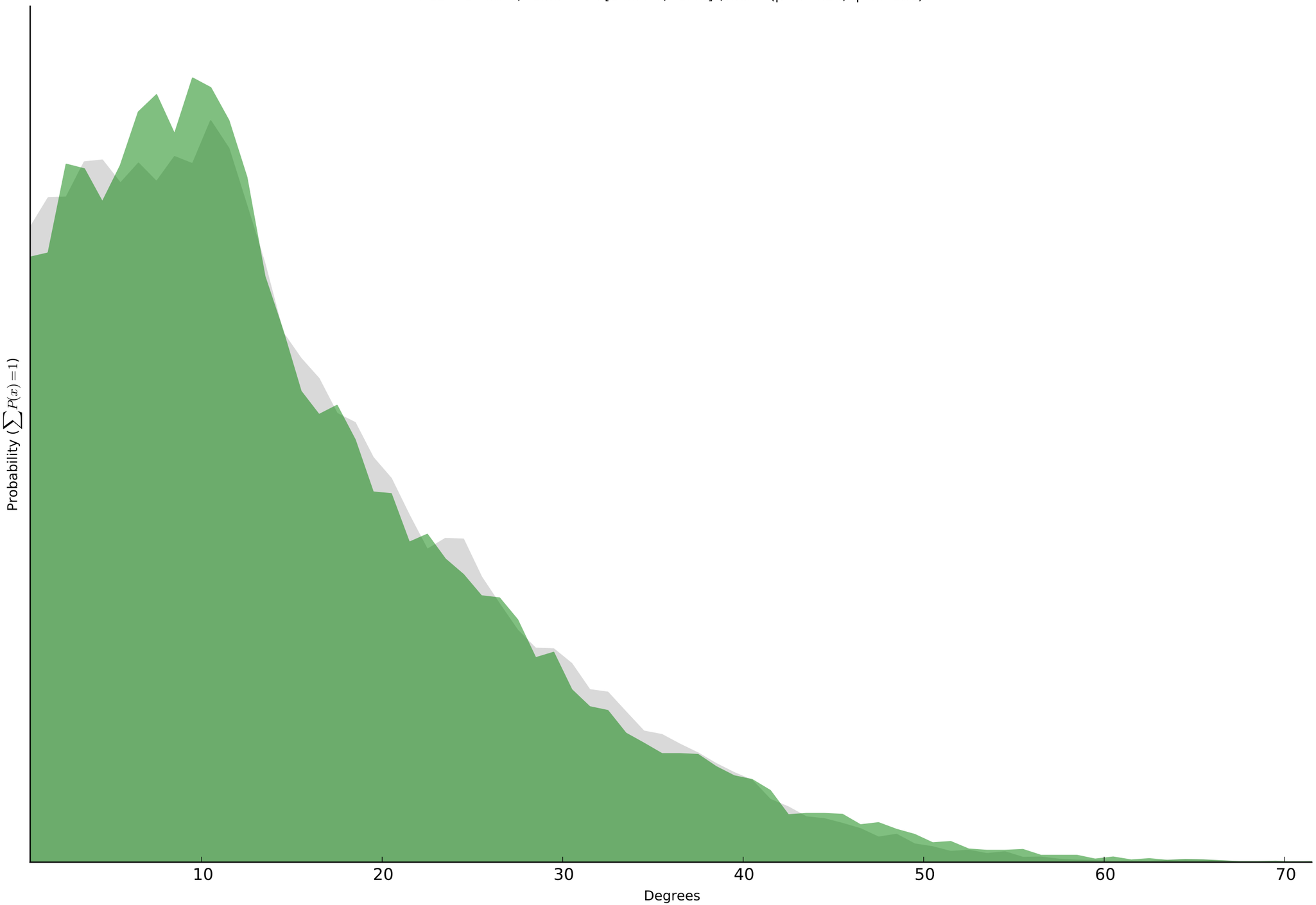
HEAD BEND MEAN (+/- = D/V INSIDE) - forward- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 58,323 [55,091]
ALL = -31.52 +/- 4.23 <<< [-28.40 +/- 2.15] \u00A4 (p=0.0821, q=0.5518)



HEAD BEND MEAN (+/- = D/V INSIDE) - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 0.26 +/- 3.72 <<< [-1.72 +/- 1.95] \u00A4 (p=0.2899, q=0.6046)



HEAD BEND MEAN (+/- = D/V INSIDE) - paused- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 14.98 +/- 1.89 <<< [14.54 +/- 1.43] \u00A4 (p=0.7624, q=0.7181)

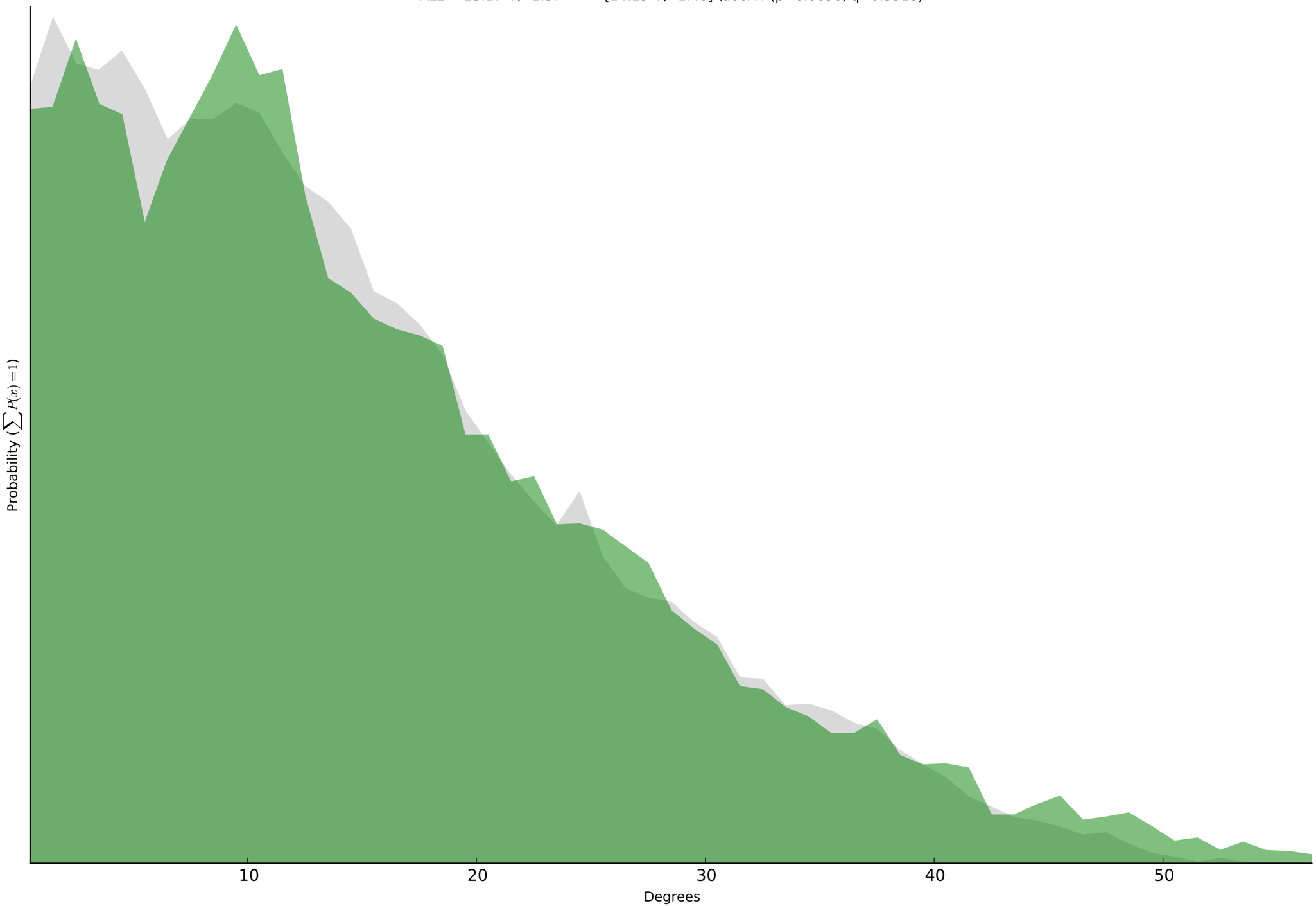


locomotion.motion_events.forward

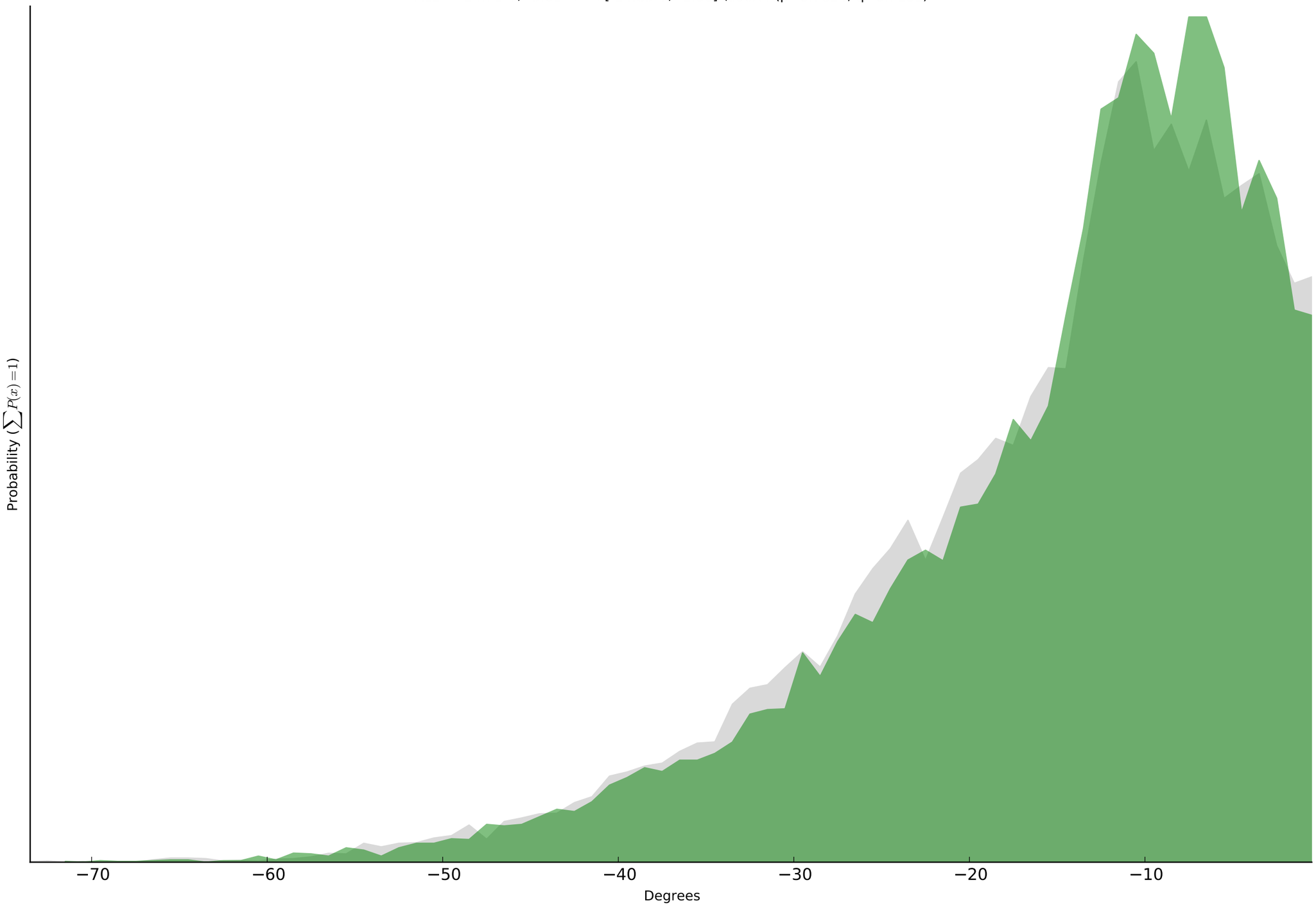
locomotion.motion_events.paused

locomotion.motion_events.backward

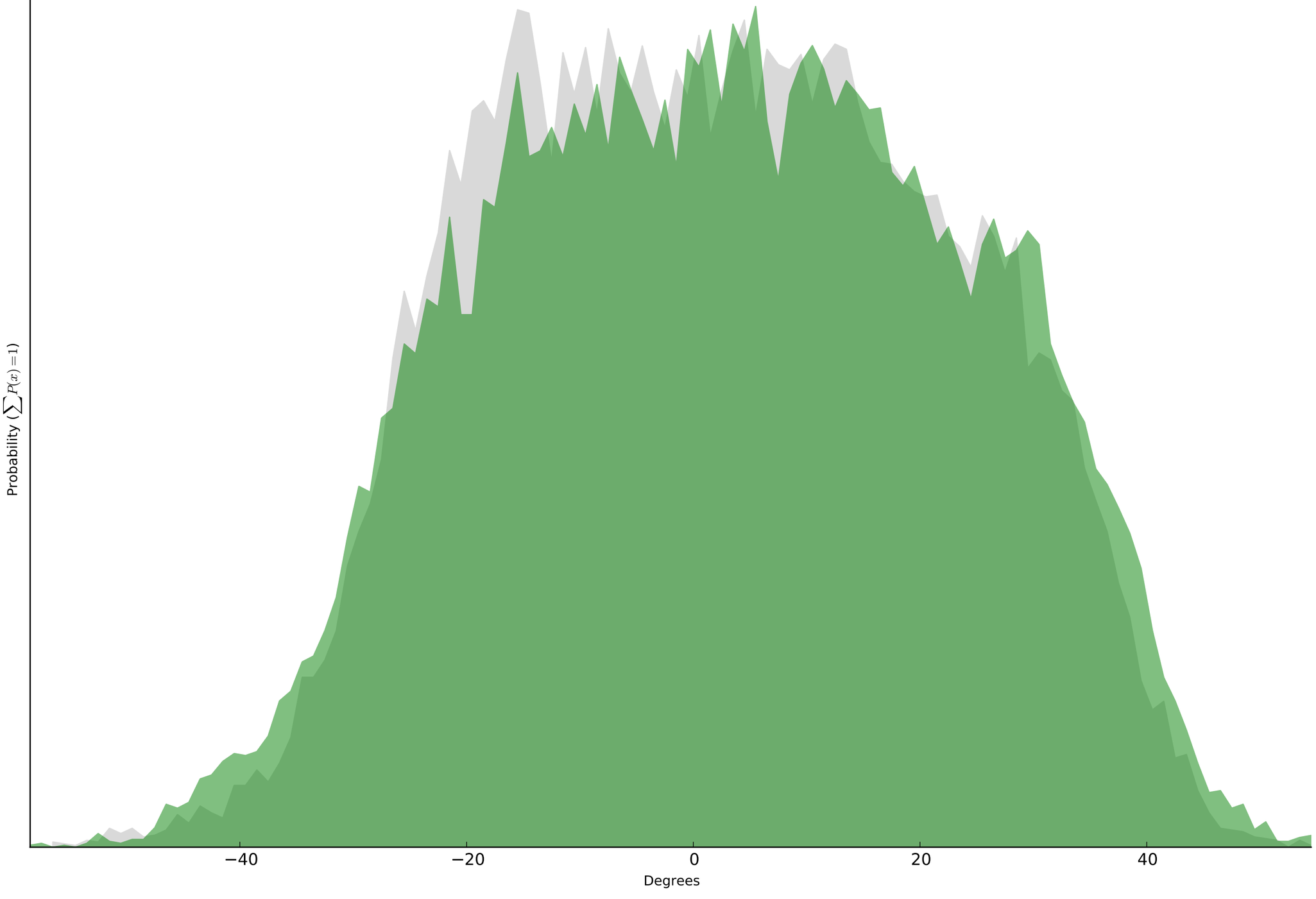
HEAD BEND MEAN (+/- = D/V INSIDE) - paused- positive (3)
WORMS = 10 [10] \u00A4 SAMPLES = 18,229 [25,881]
ALL = 15.17 +/- 1.57 <<< [14.19 +/- 1.40] \u00A4 (p=0.0696, q=0.5518)



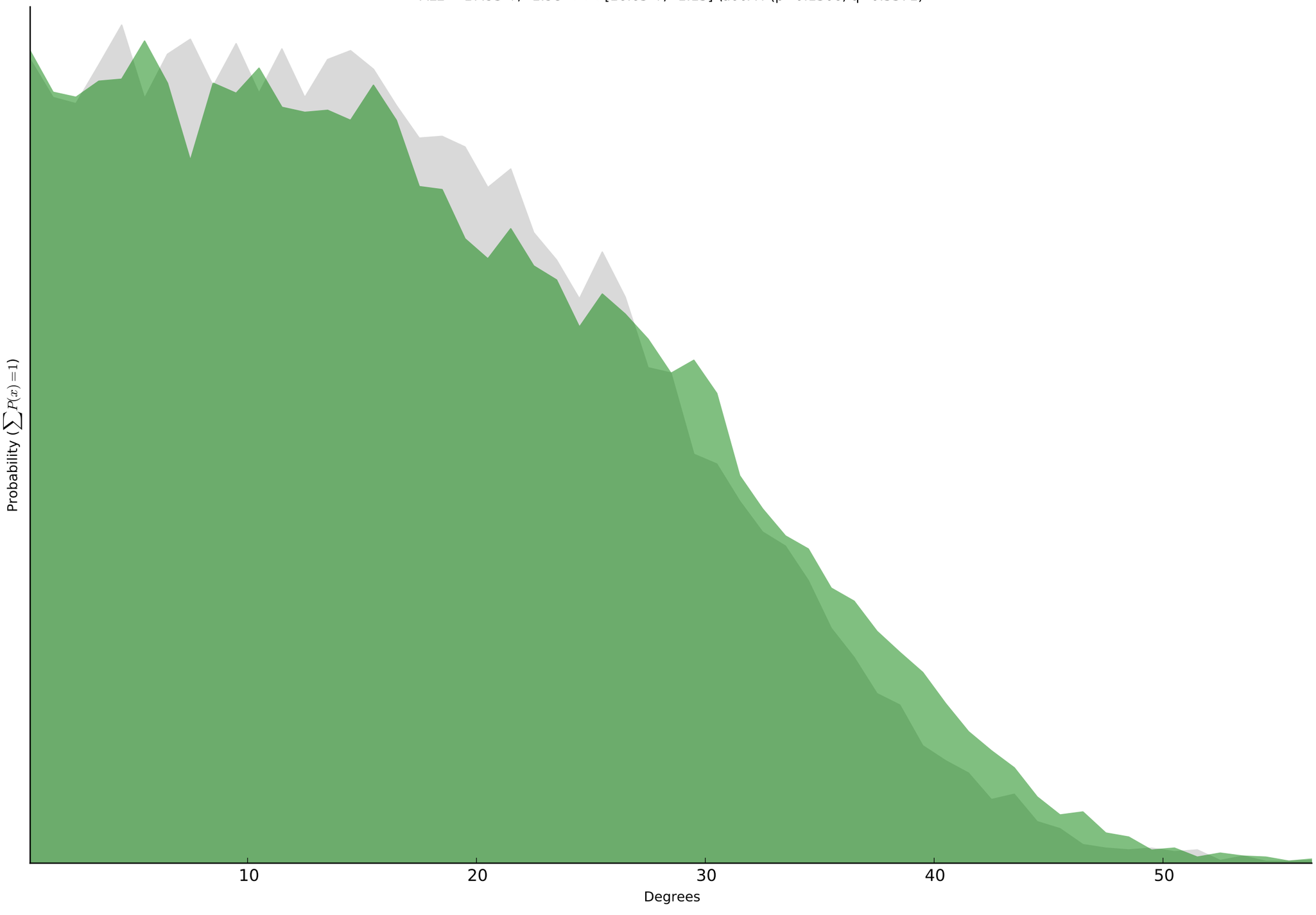
HEAD BEND MEAN (+/- = D/V INSIDE) - paused- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 22,666 [29,045]
ALL = -14.71 +/- 3.01 <<< [-14.83 +/- 2.00] \u00A4 (p=0.7624, q=0.7181)



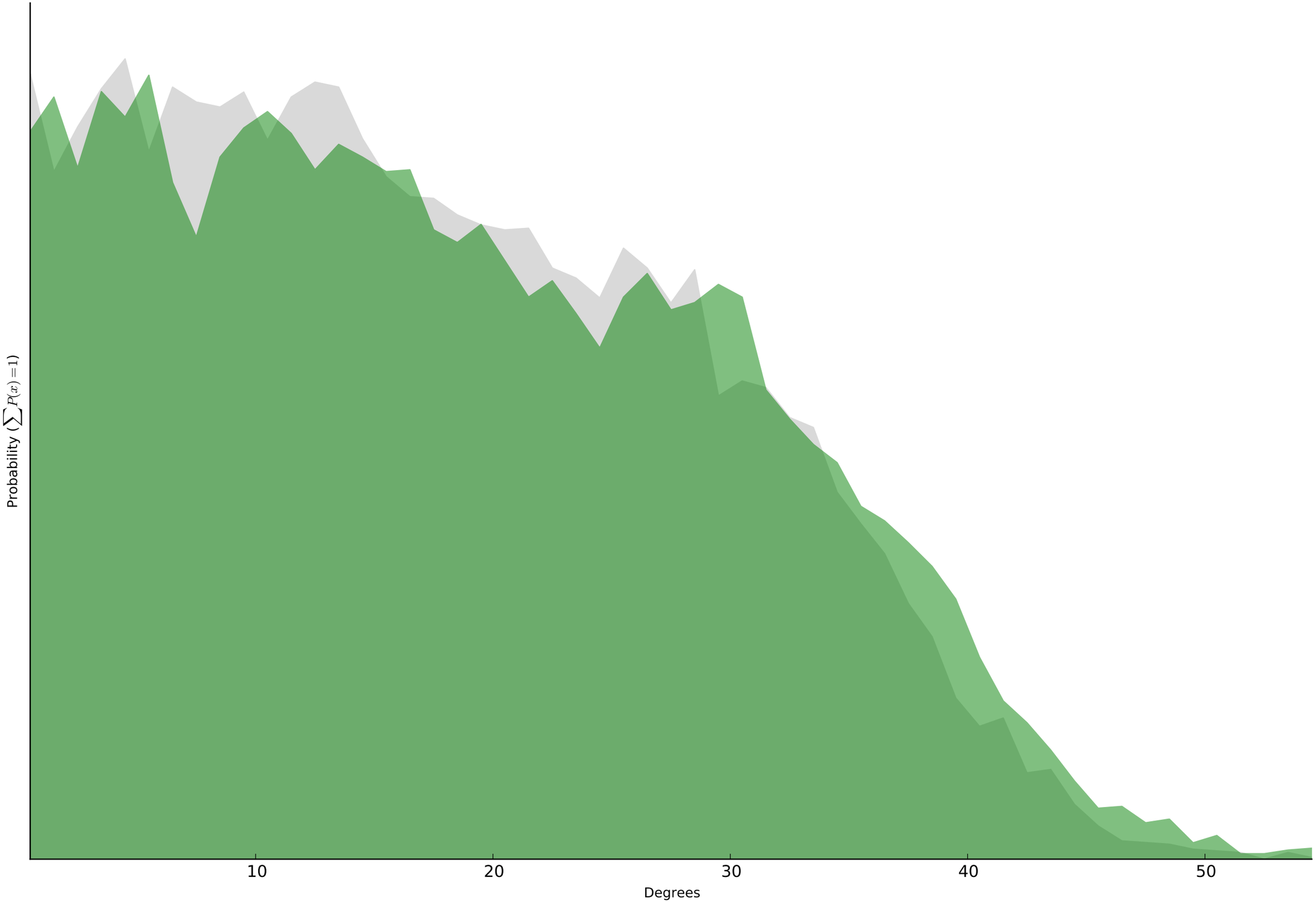
HEAD BEND MEAN (+/- = D/V INSIDE) - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 4.11 +/- 3.76 <<< [1.97 +/- 1.78] \u00A4 (p=0.1306, q=0.5571)



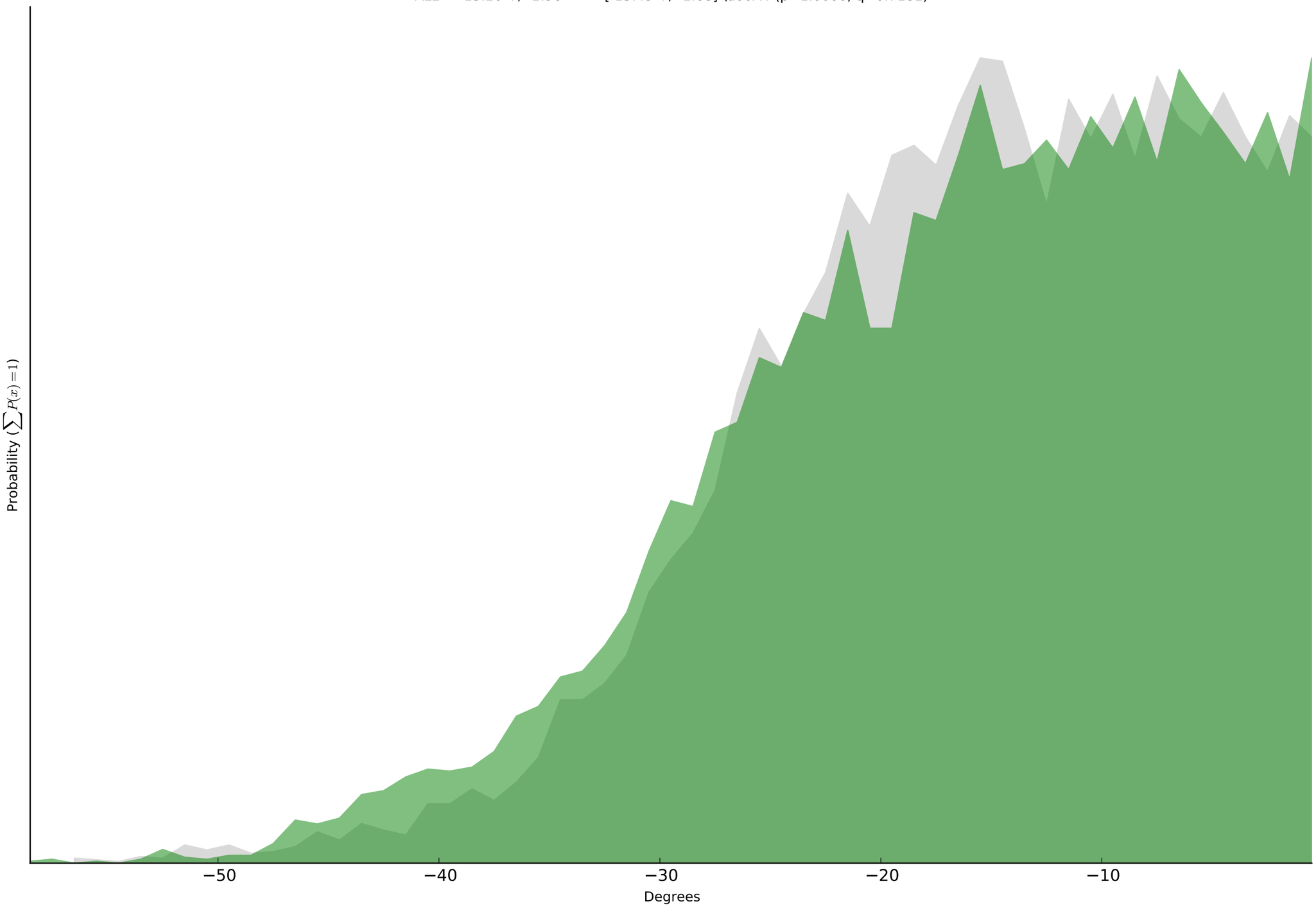
HEAD BEND MEAN (+/- = D/V INSIDE) - backward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 17.93 +/- 1.98 <<< [16.65 +/- 1.15] \u00A4 (p=0.1306, q=0.5571)



HEAD BEND MEAN (+/- = D/V INSIDE) - backward- positive (3)
WORMS = 10 [10] \u00A4 SAMPLES = 13,449 [14,733]
ALL = 20.27 +/- 5.08 <<< [17.67 +/- 1.26] \u00A4 (p=0.1124, q=0.5571)



HEAD BEND MEAN (+/- = D/V INSIDE) - backward- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 10,927 [12,974]
ALL = -15.20 +/- 2.96 <<< [-15.49 +/- 1.68] \u00A4 (p=1.0000, q=0.7181)



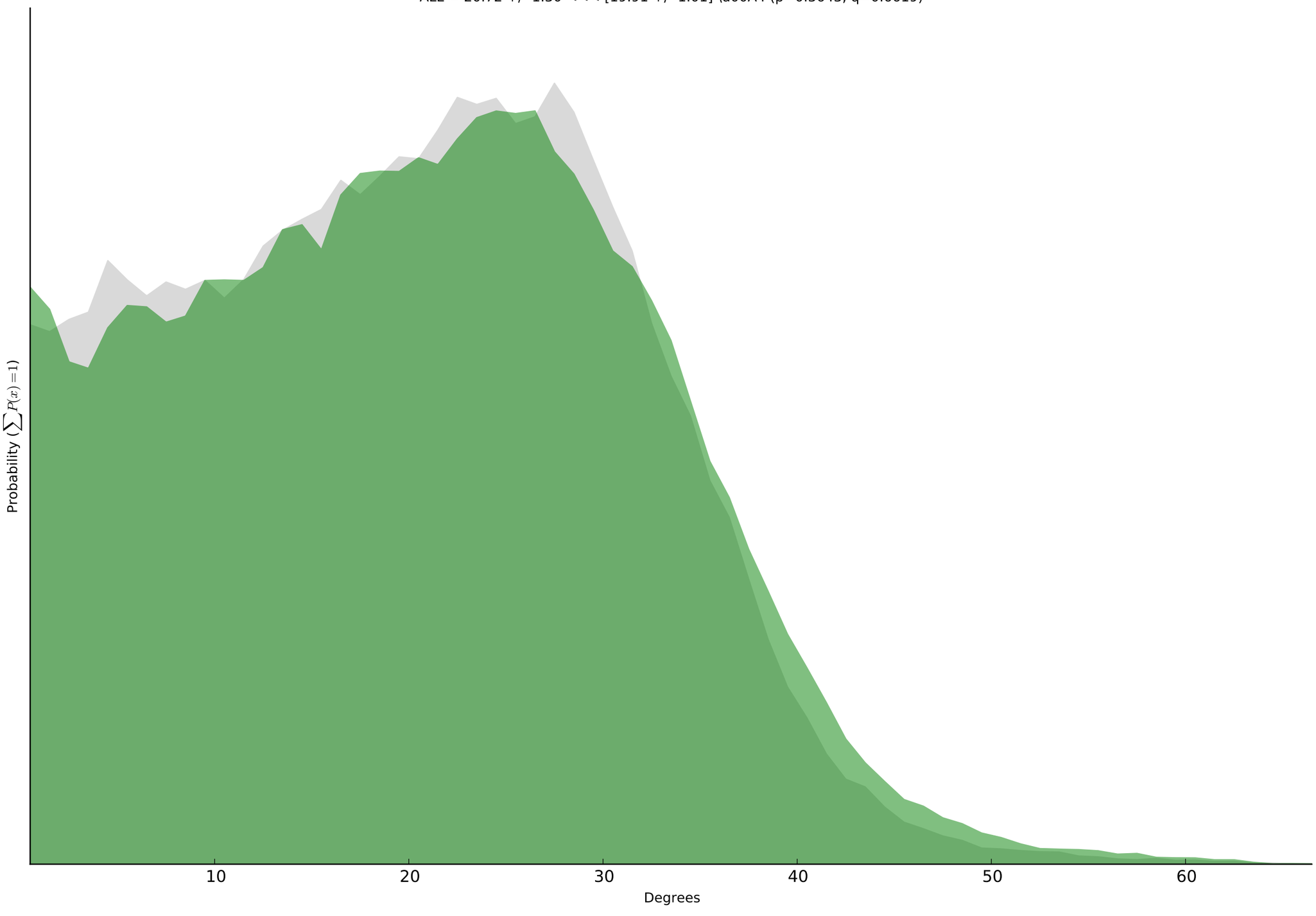
NECK BEND MEAN (+/- = D/V INSIDE) - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = -2.18 +/- 6.27 <<< [0.48 +/- 1.06] \u00A4 (p=0.1988, q=0.5571)

Probability ($\sum P(x) = 1$)

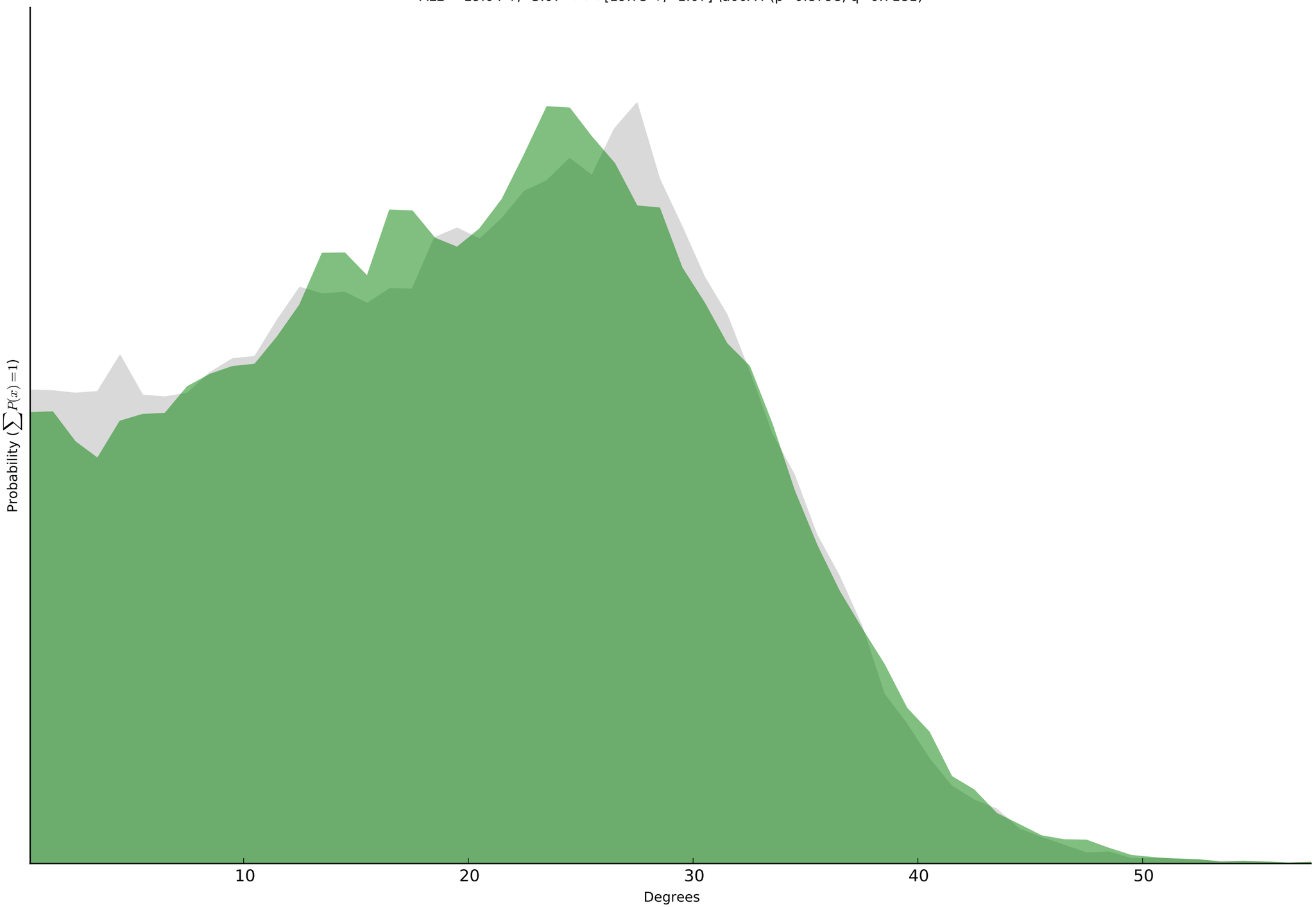
−60
−40
−20
0
20
40

Degrees

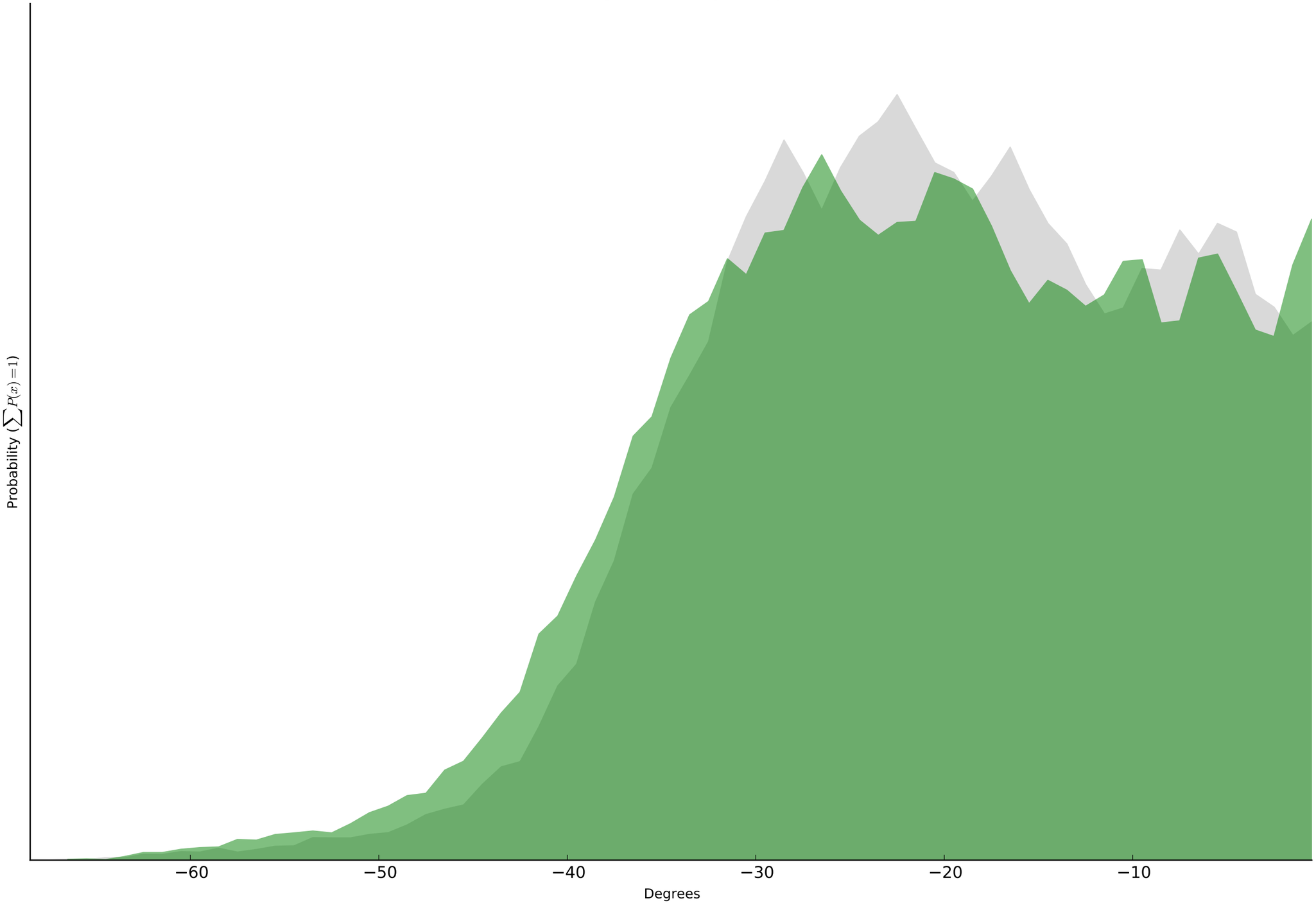
NECK BEND MEAN (+/- = D/V INSIDE) - all- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 20.72 +/- 1.30 <<< [19.91 +/- 1.01] \u00A4 (p=0.3643, q=0.6619)



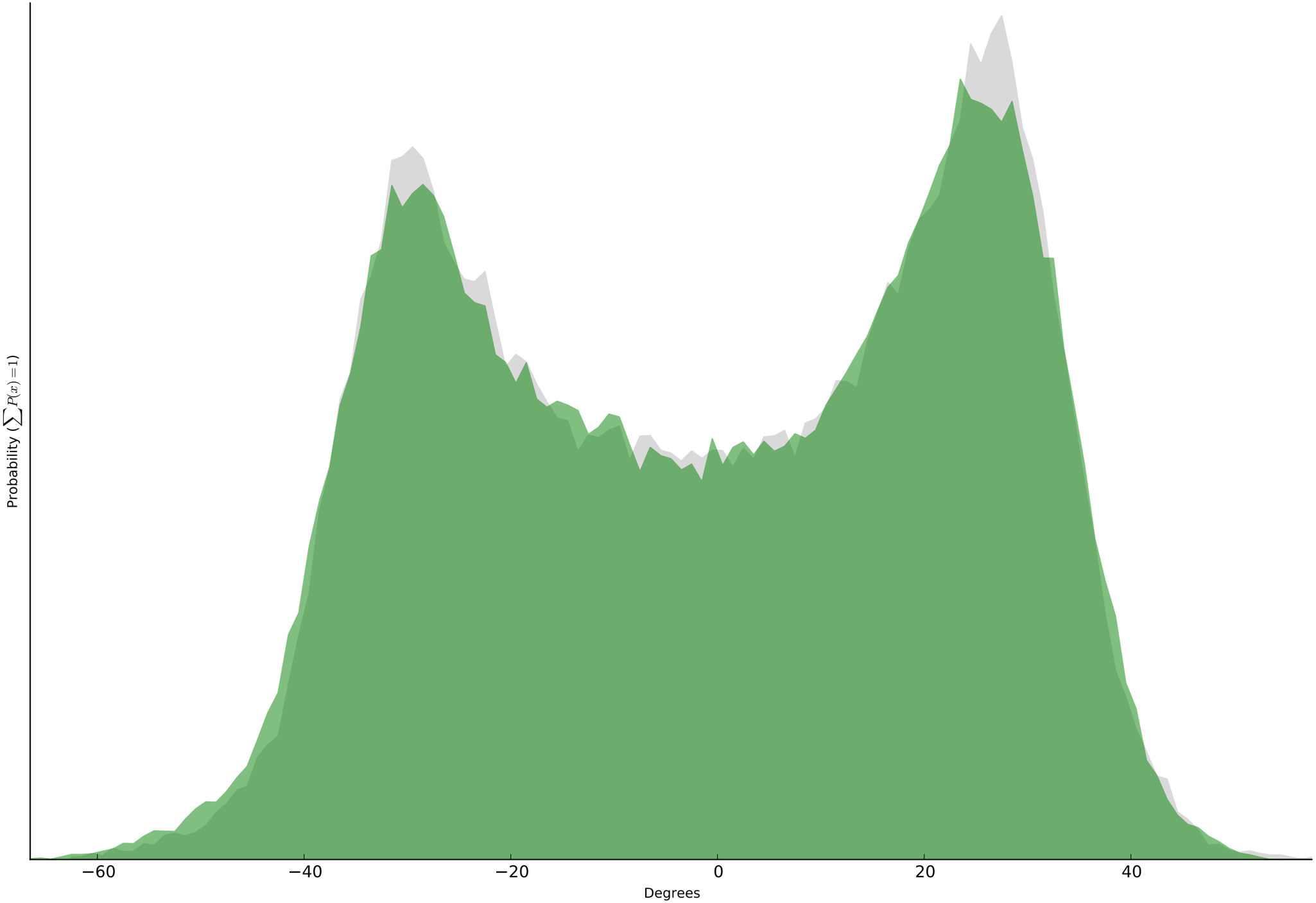
NECK BEND MEAN (+/- = D/V INSIDE) - all- positive (3)
WORMS = 10 [10] \u00A4 SAMPLES = 107,780 [120,619]
ALL = 19.04 +/- 3.07 <<< [19.75 +/- 1.07] \u00A4 (p=0.8798, q=0.7181)

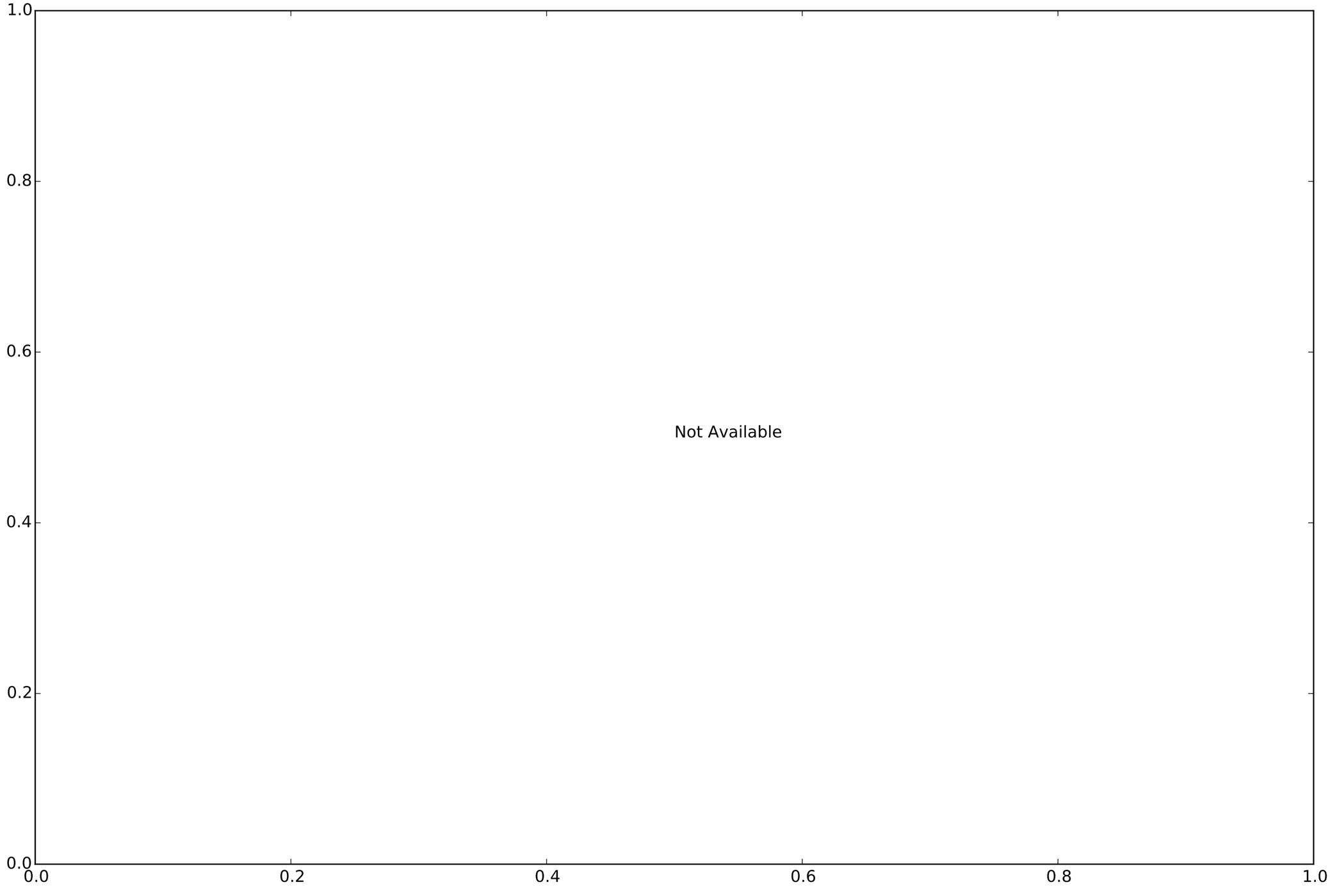


NECK BEND MEAN (+/- = D/V INSIDE) - all- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 104,481 [113,657]
ALL = -21.33 +/- 1.40 <<< [-20.07 +/- 1.31] \u00A4 (p=0.0343, q=0.5259)

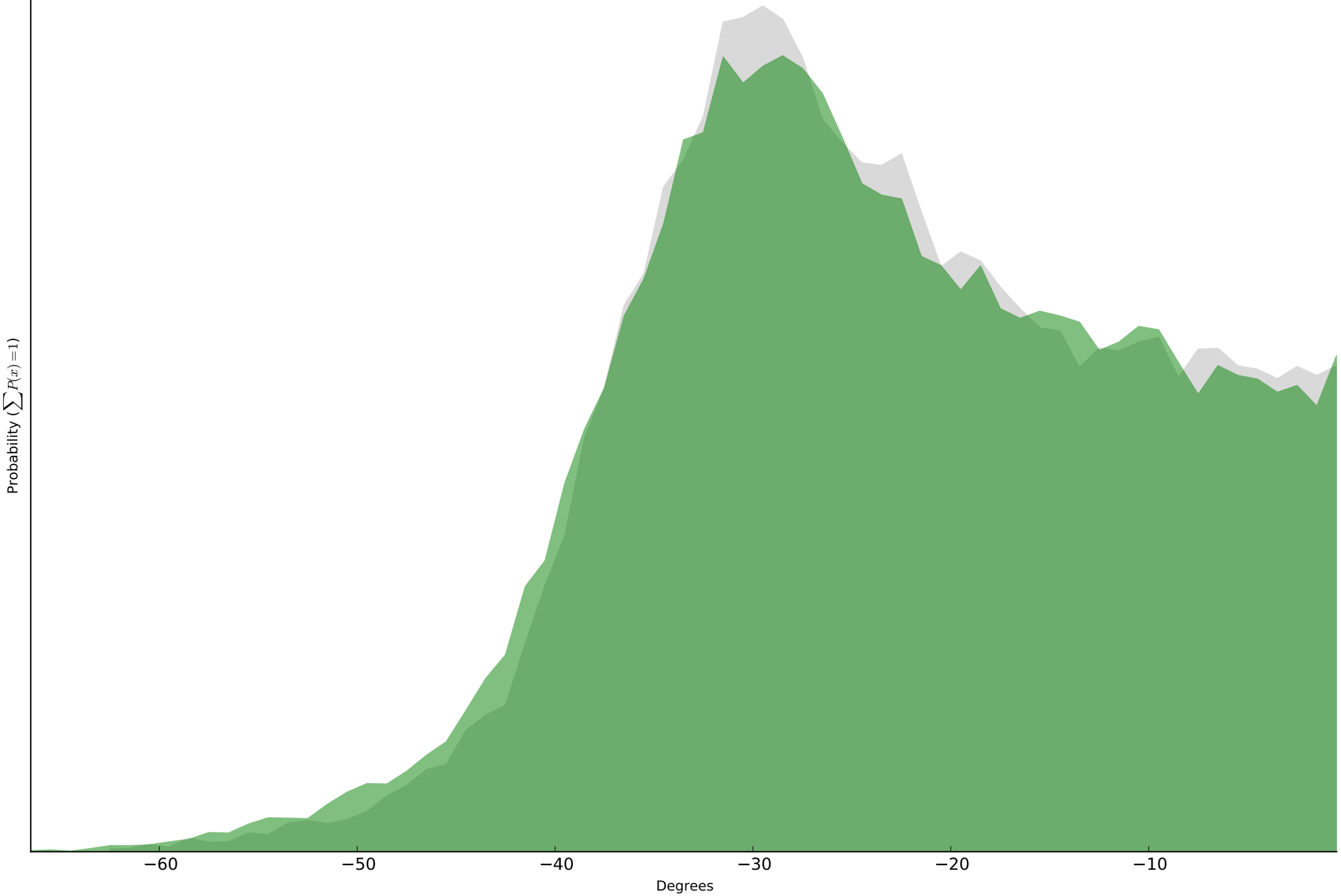


NECK BEND MEAN (+/- = D/V INSIDE) - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = -4.67 +/- 10.31 <<< [-0.20 +/- 0.71] \u00A4 (p=0.0588, q=0.5518)

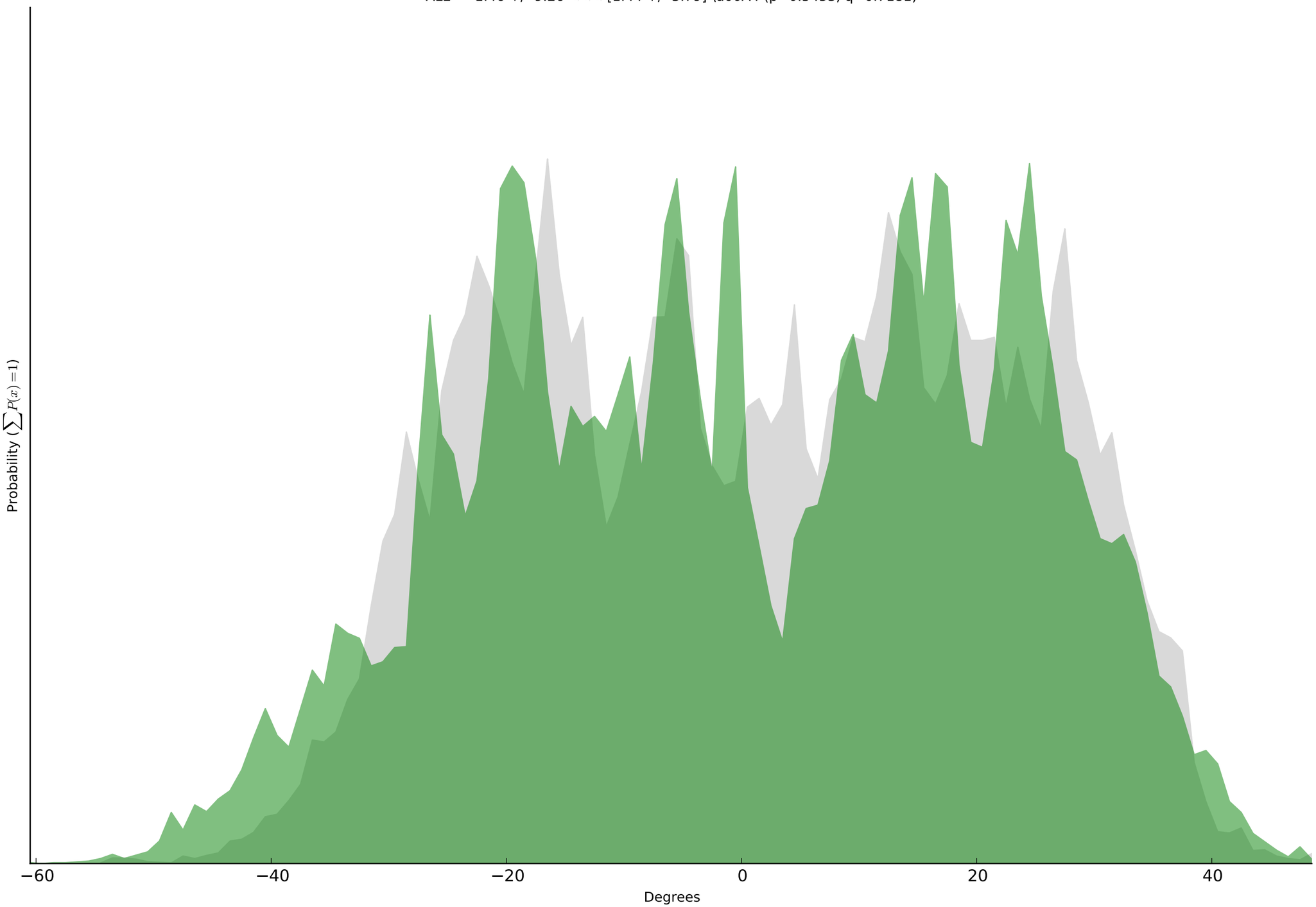



Not Available
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

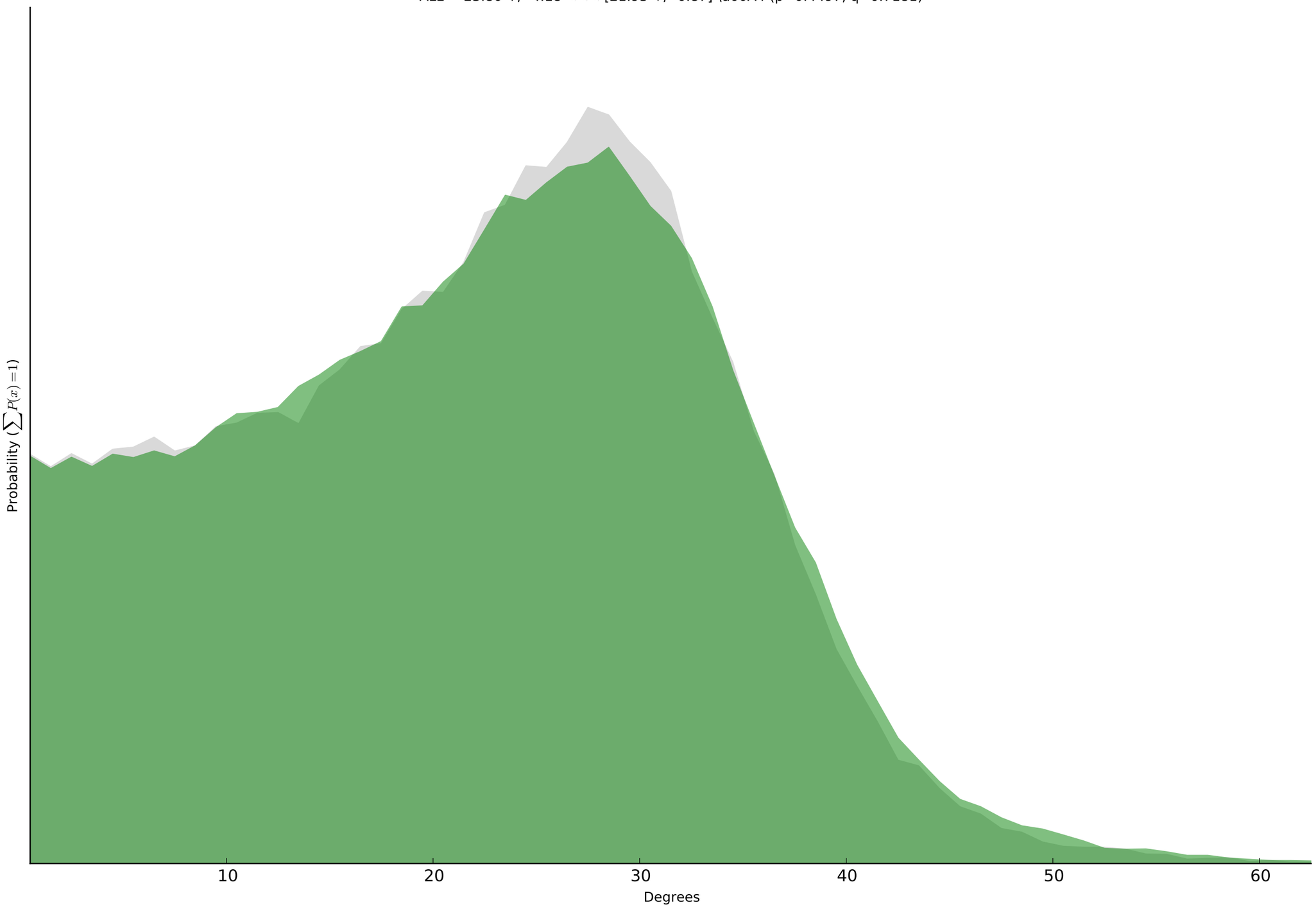
NECK BEND MEAN (+/- = D/V INSIDE) - forward- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 59,030 [55,904]
ALL = -24.87 +/- 4.13 <<< [-22.63 +/- 1.04] \u00A4 (p=0.2899, q=0.6046)



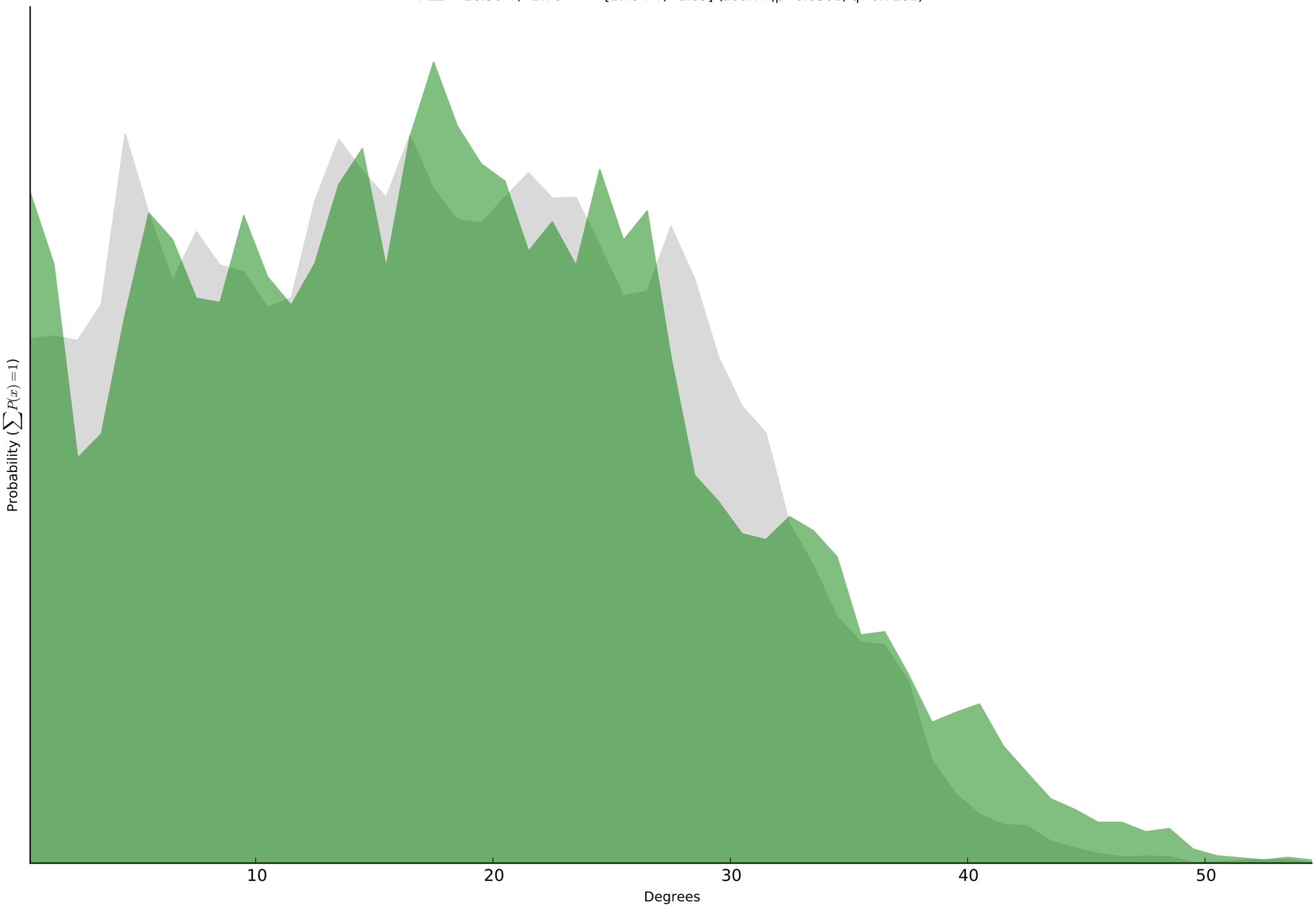
NECK BEND MEAN (+/- = D/V INSIDE) - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = -1.46 +/- 9.26 <<< [1.44 +/- 3.79] \u00A4 (p=0.5453, q=0.7181)

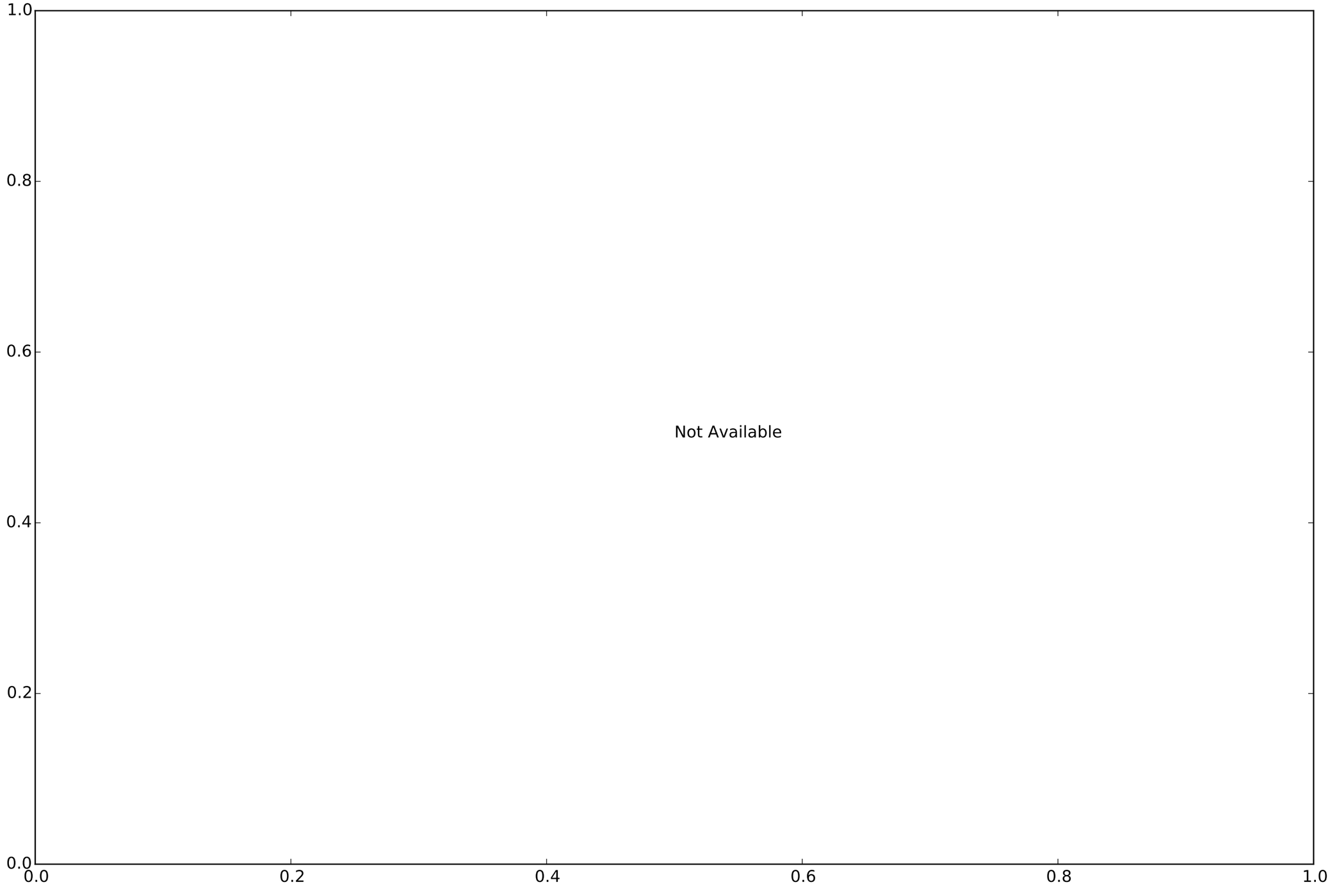


NECK BEND MEAN (+/- = D/V INSIDE) - forward- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 23.80 +/- 4.18 <<< [21.93 +/- 0.87] \u00A4 (p=0.4497, q=0.7181)

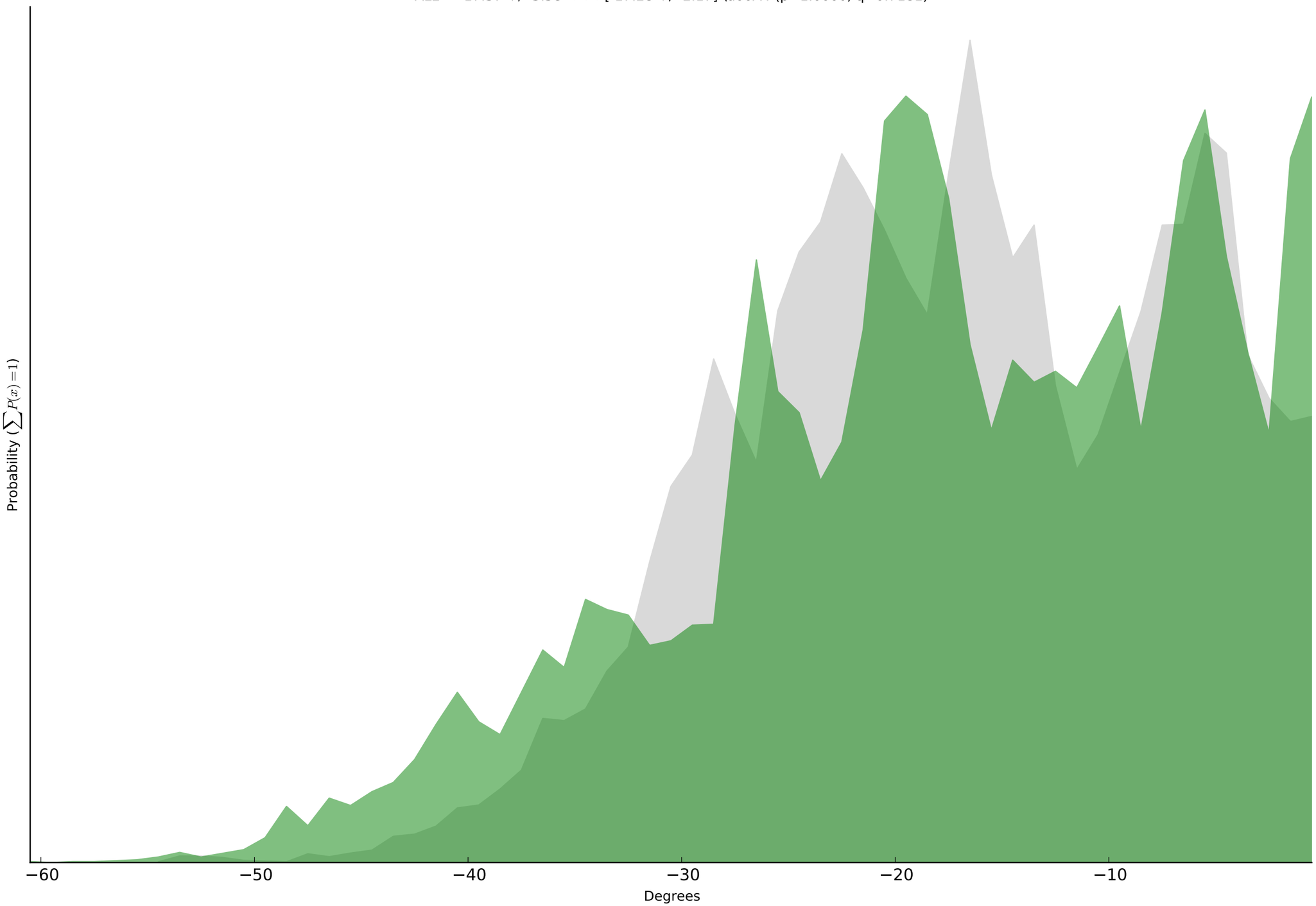


NECK BEND MEAN (+/- = D/V INSIDE) - paused- absolute (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 18.50 +/- 2.76 <<< [17.94 +/- 1.69] \u00A4 (p=0.6501, q=0.7181)




Not Available
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

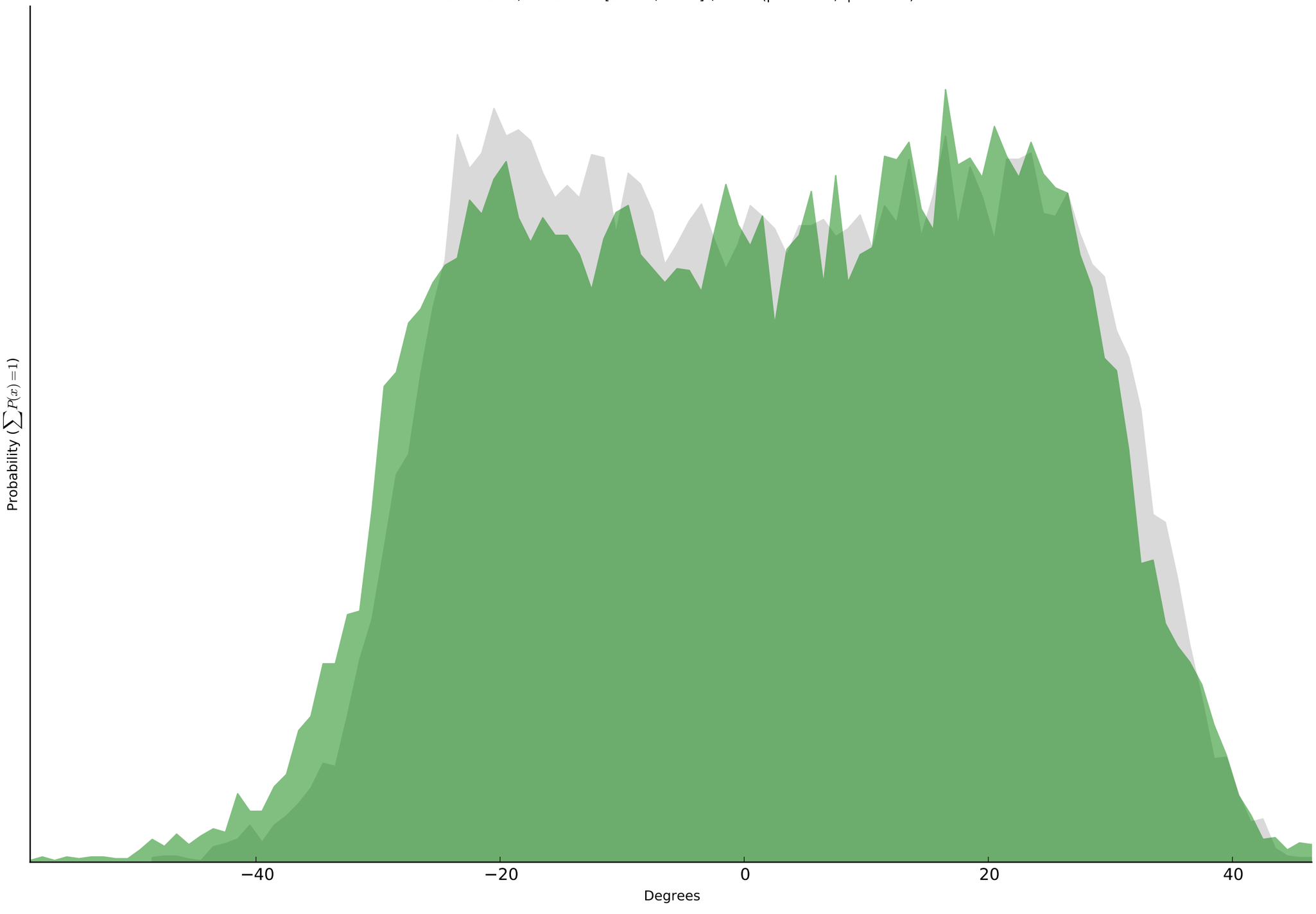
NECK BEND MEAN (+/- = D/V INSIDE) - paused- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 20,668 [26,130]
ALL = -17.37 +/- 3.58 <<< [-17.28 +/- 2.17] \u00A4 (p=1.0000, q=0.7181)

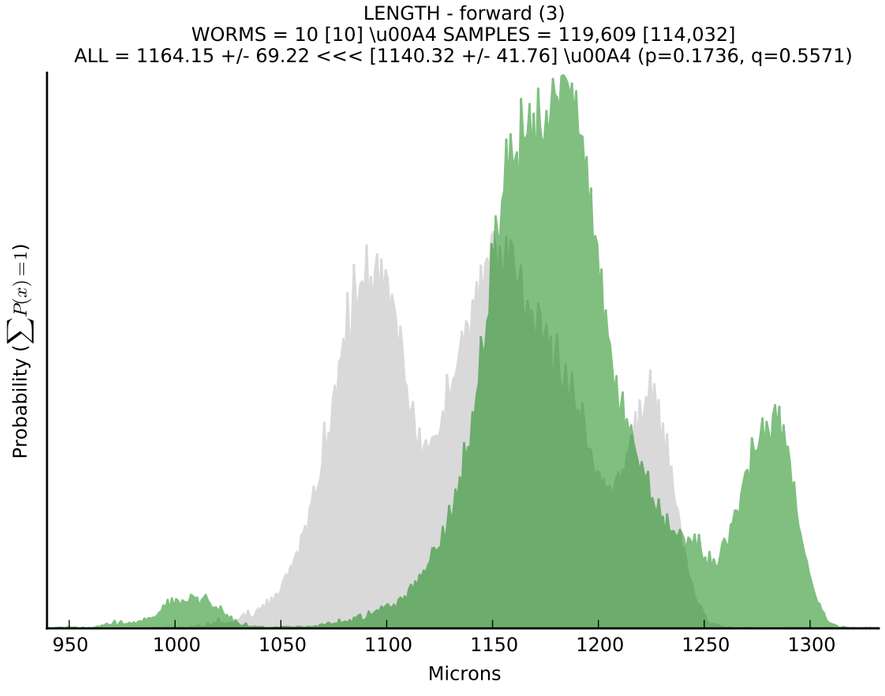


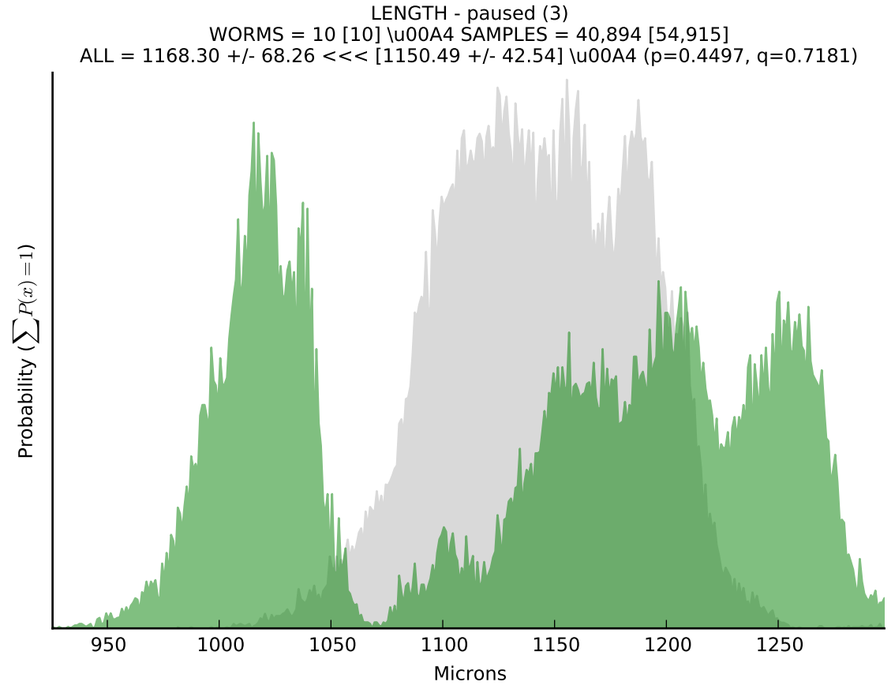
Omega turns (just four plots)

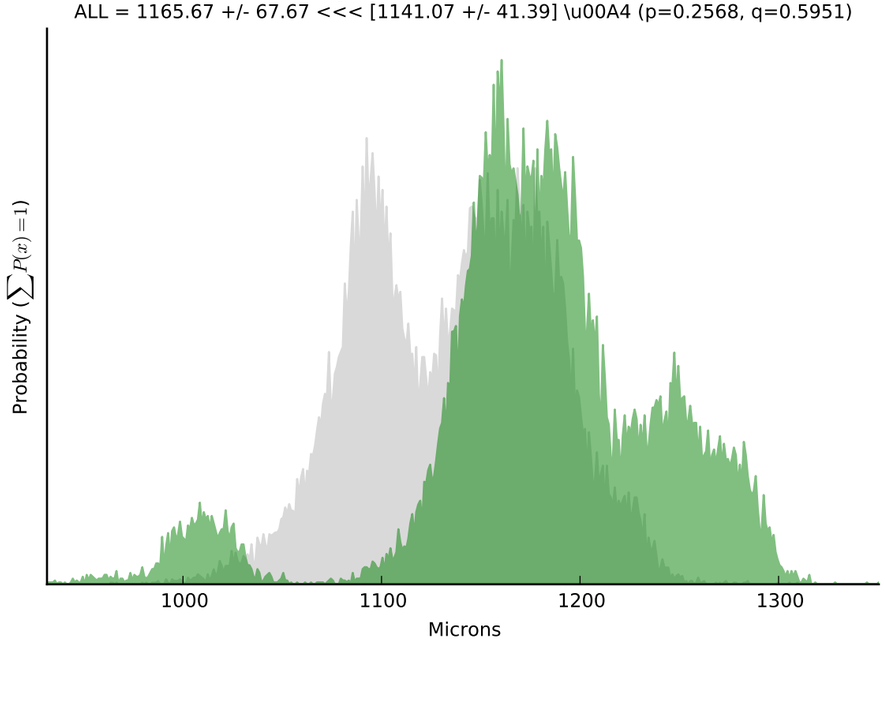
Upsilon turns (just four plots)

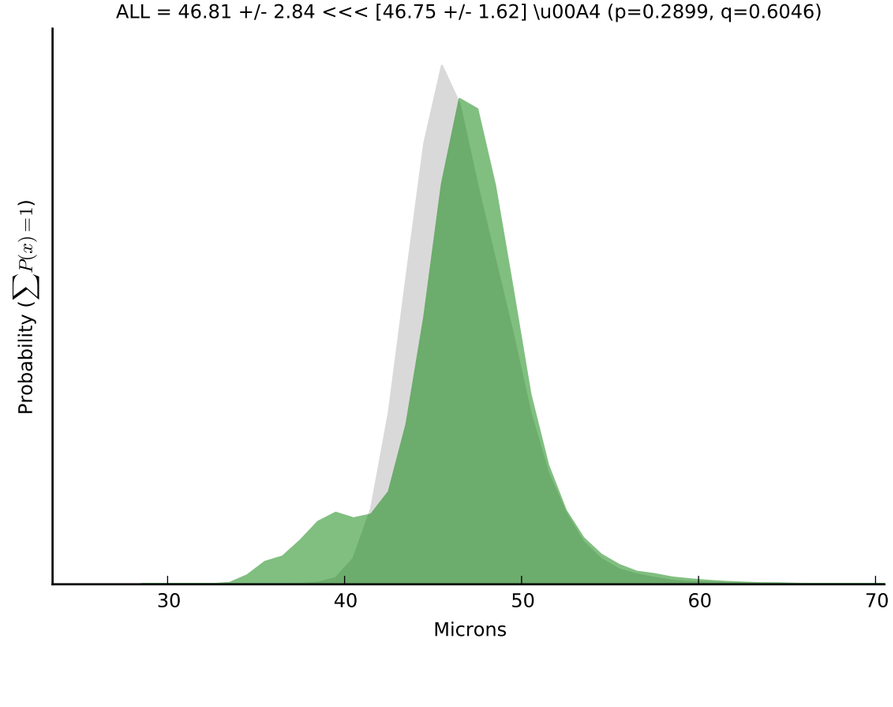
NECK BEND MEAN (+/- = D/V INSIDE) - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 0.25 +/- 3.61 <<< [2.10 +/- 0.55] \u00A4 (p=0.0233, q=0.5259)




LENGTH - forward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 119,609 [114,032]
ALL = 1164.15 +/- 69.22 <<< [1140.32 +/- 41.76] \u00A4 (p=0.1736, q=0.5571)
Probability ($\sum P(x)=1$)
950
1000
1050
1100
1150
1200
1250
1300
Microns


LENGTH - paused (3)
WORMS = 10 [10] \u00A4 SAMPLES = 40,894 [54,915]
ALL = 1168.30 +/- 68.26 <<< [1150.49 +/- 42.54] \u00A4 (p=0.4497, q=0.7181)
Probability ($\sum P(x)=1$)
950
1000
1050
1100
1150
1200
1250
Microns


LENGTH - backward (3)
WORMS = 10 [10] \u00A4 SAMPLES = 24,374 [27,704]
ALL = 1165.67 +/- 67.67 <<< [1141.07 +/- 41.39] \u00A4 (p=0.2568, q=0.5951)
Probability ($\sum P(x)=1$)
1000
1100
1200
1300
Microns


HEAD WIDTH - all (3)
WORMS = 10 [10] \u00A4 SAMPLES = 212,261 [234,276]
ALL = 46.81 +/- 2.84 <<< [46.75 +/- 1.62] \u00A4 (p=0.2899, q=0.6046)
Probability ($\sum P(x)=1$)
30
40
50
60
70
Microns

MIDBODY BEND MEAN (+/- = D/V INSIDE) - forward- negative (3)
WORMS = 10 [10] \u00A4 SAMPLES = 62,158 [58,379]
ALL = -10.17 +/- 3.73 <<< [-11.02 +/- 0.97] \u00A4 (p=0.5453, q=0.7181)