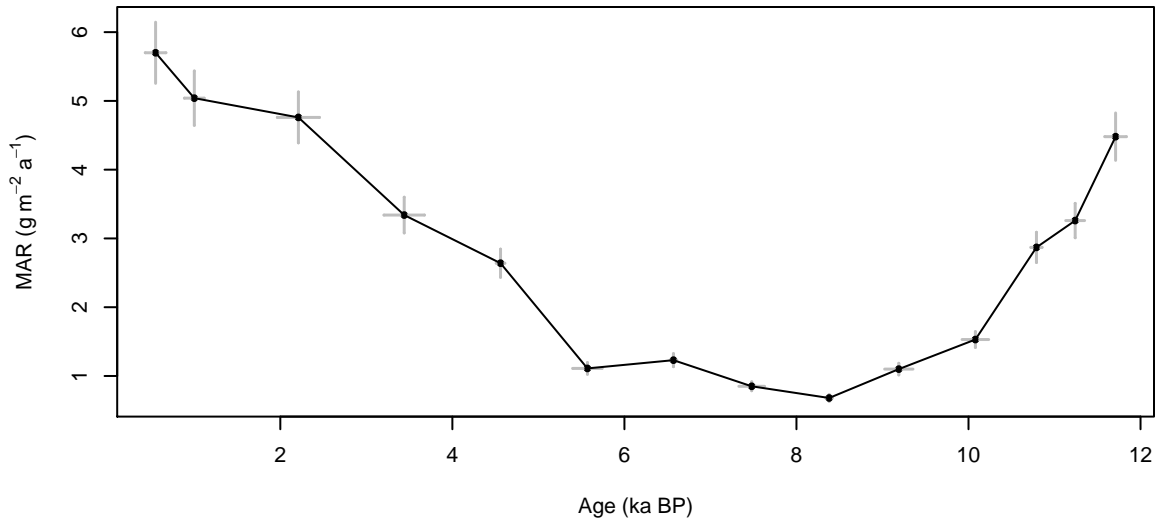
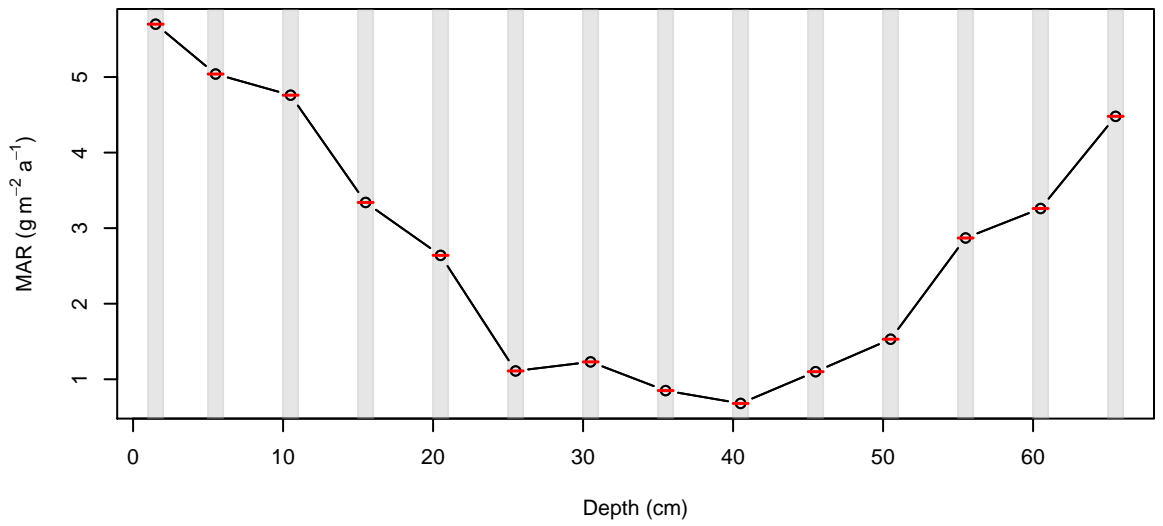


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Reference: McGee et al. 2013

Depth: depths given in paper. Assume they are center, and assume thickness is 1 cm

Age: ^{14}C

Age error: from ^{14}C error

SBMAR: ^{230}Th

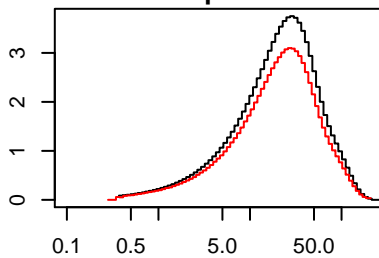
SBMAR err: from ^{230}Th error

EC: end-member aeolian component of the terrigenous fraction

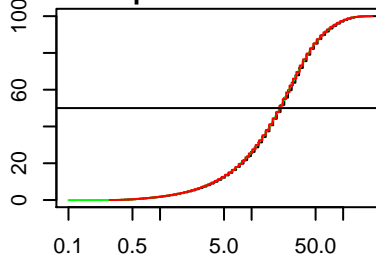
EC err: assume 15%

Size: Beckman-Coulter LS200 laser diffraction

Sample 1.5

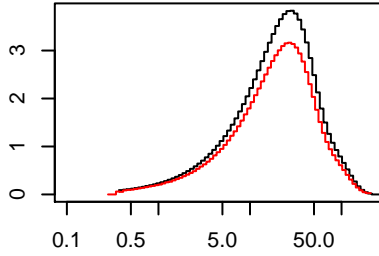


Sample 1.5 cumulative

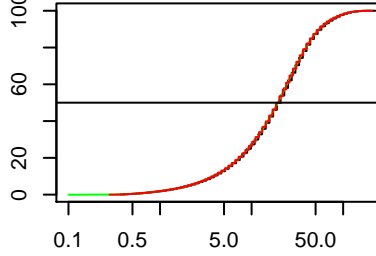


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 21.21 / 21.01
 1%(obs/new) = 0.74 / 0.73
 5%(obs/new) = 2.06 / 2.08
 25%(obs/new) = 9.16 / 9.74
 75%(obs/new) = 37.12 / 38.18
 95%(obs/new) = 78.28 / 82.26
 99%(obs/new) = 124.77 / 126

Sample 4.5

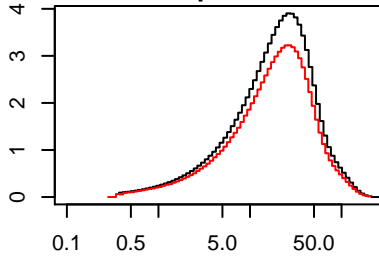


Sample 4.5 cumulative

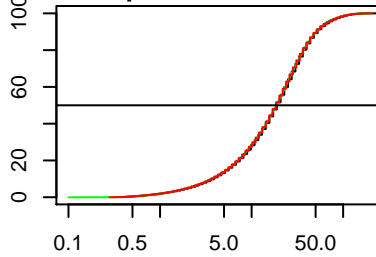


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 19.32 / 19.29
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 2.06 / 2.08
 25%(obs/new) = 9.16 / 8.94
 75%(obs/new) = 33.82 / 35.05
 95%(obs/new) = 71.31 / 75.53
 99%(obs/new) = 113.7 / 115.7

Sample 10.5

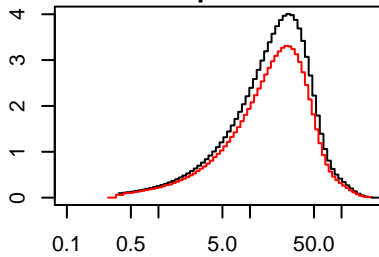


Sample 10.5 cumulative

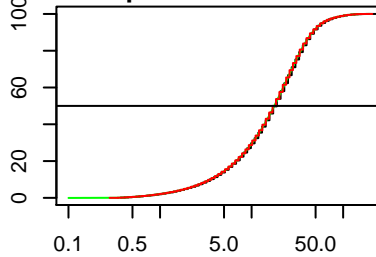


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 19.32 / 19.29
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 2.06 / 2.08
 25%(obs/new) = 9.16 / 8.94
 75%(obs/new) = 33.82 / 32.19
 95%(obs/new) = 64.96 / 69.36
 99%(obs/new) = 113.7 / 106.24

Sample 14.5

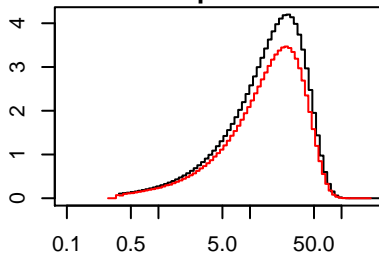


Sample 14.5 cumulative

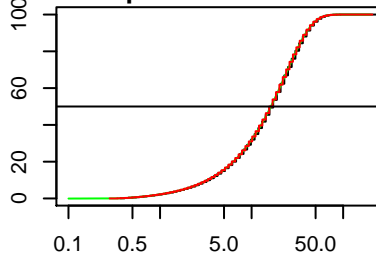


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 17.6 / 17.71
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 1.88 / 1.91
 25%(obs/new) = 8.35 / 8.21
 75%(obs/new) = 30.8 / 29.56
 95%(obs/new) = 59.17 / 58.48
 99%(obs/new) = 103.56 / 97.56

Sample 20.5

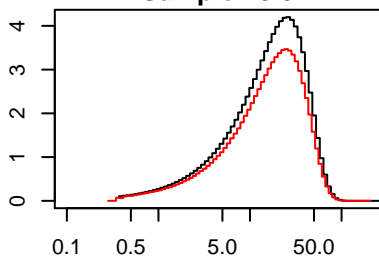


Sample 20.5 cumulative

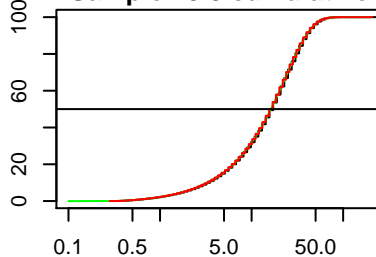


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 16.04 / 16.26
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 1.88 / 1.75
 25%(obs/new) = 7.61 / 7.54
 75%(obs/new) = 28.06 / 27.14
 95%(obs/new) = 44.74 / 45.28
 99%(obs/new) = 59.17 / 63.69

Sample 25.5

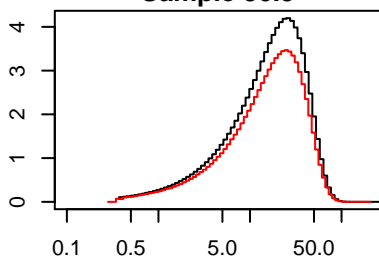


Sample 25.5 cumulative

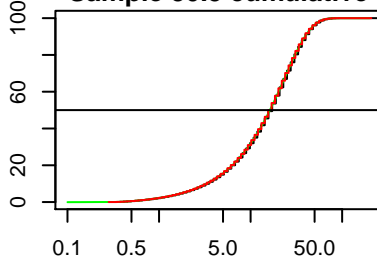


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 16.04 / 16.26
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 1.88 / 1.75
 25%(obs/new) = 7.61 / 7.54
 75%(obs/new) = 28.06 / 27.14
 95%(obs/new) = 44.74 / 45.28
 99%(obs/new) = 59.17 / 63.69

Sample 30.5

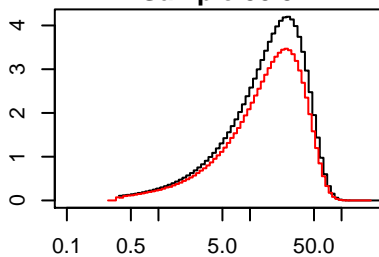


Sample 30.5 cumulative

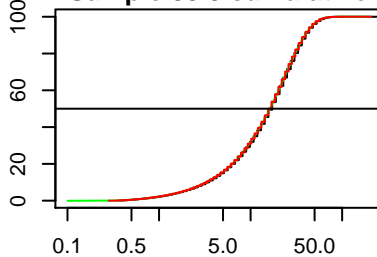


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 16.04 / 16.26
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 1.88 / 1.75
 25%(obs/new) = 7.61 / 7.54
 75%(obs/new) = 28.06 / 27.14
 95%(obs/new) = 44.74 / 45.28
 99%(obs/new) = 59.17 / 63.69

Sample 35.5

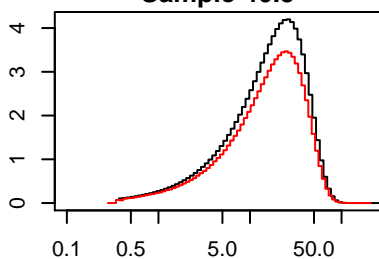


Sample 35.5 cumulative

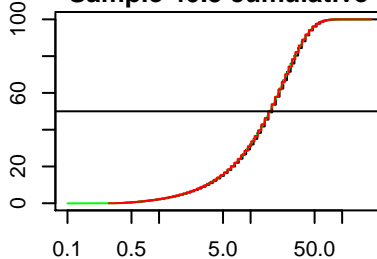


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 16.04 / 16.26
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 1.88 / 1.75
 25%(obs/new) = 7.61 / 7.54
 75%(obs/new) = 28.06 / 27.14
 95%(obs/new) = 44.74 / 45.28
 99%(obs/new) = 59.17 / 63.69

Sample 40.5

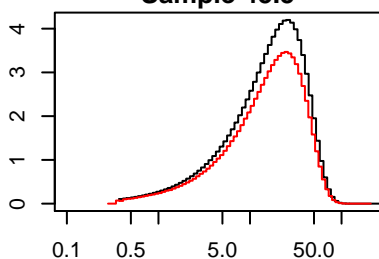


Sample 40.5 cumulative

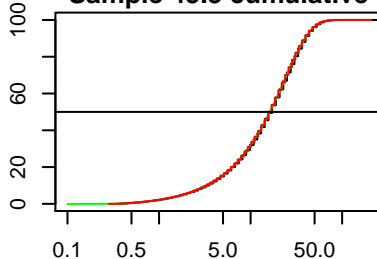


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 16.04 / 16.26
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 1.88 / 1.75
 25%(obs/new) = 7.61 / 7.54
 75%(obs/new) = 28.06 / 27.14
 95%(obs/new) = 44.74 / 45.28
 99%(obs/new) = 59.17 / 63.69

Sample 45.5

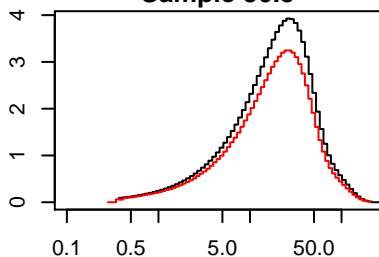


Sample 45.5 cumulative

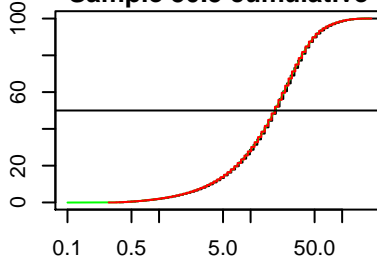


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 16.04 / 16.26
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 1.88 / 1.75
 25%(obs/new) = 7.61 / 7.54
 75%(obs/new) = 28.06 / 27.14
 95%(obs/new) = 44.74 / 45.28
 99%(obs/new) = 59.17 / 63.69

Sample 50.5

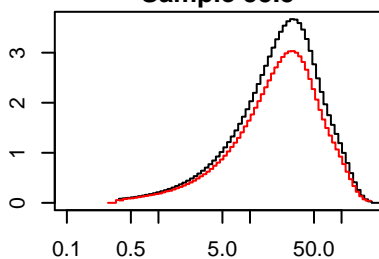


Sample 50.5 cumulative

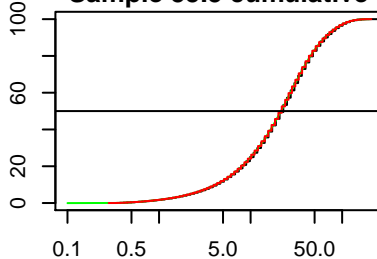


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 17.6 / 17.71
 1%(obs/new) = 0.68 / 0.67
 5%(obs/new) = 2.06 / 2.08
 25%(obs/new) = 9.16 / 8.94
 75%(obs/new) = 30.8 / 32.19
 95%(obs/new) = 64.96 / 63.69
 99%(obs/new) = 103.56 / 106.24

Sample 55.5

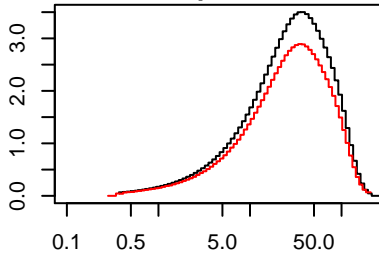


Sample 55.5 cumulative

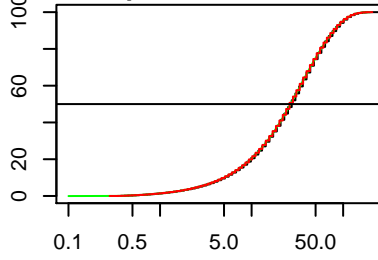


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 21.21 / 21.01
 1%(obs/new) = 0.74 / 0.73
 5%(obs/new) = 2.26 / 2.27
 25%(obs/new) = 10.06 / 9.74
 75%(obs/new) = 40.75 / 38.18
 95%(obs/new) = 85.94 / 82.26
 99%(obs/new) = 124.77 / 126

Sample 60.5

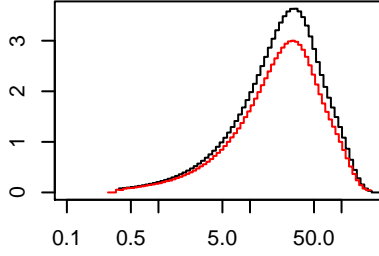


Sample 60.5 cumulative

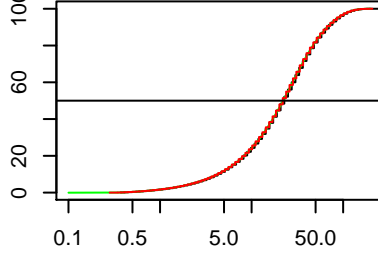


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 25.56 / 27.14
 1%(obs/new) = 0.81 / 0.8
 5%(obs/new) = 2.73 / 2.7
 25%(obs/new) = 12.12 / 12.59
 75%(obs/new) = 49.11 / 49.31
 95%(obs/new) = 94.34 / 97.56
 99%(obs/new) = 136.97 / 137.21

Sample 65.5

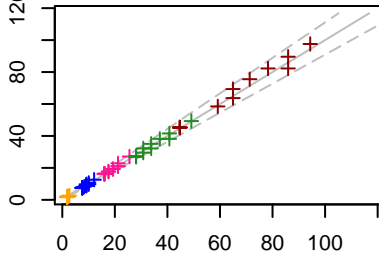


Sample 65.5 cumulative

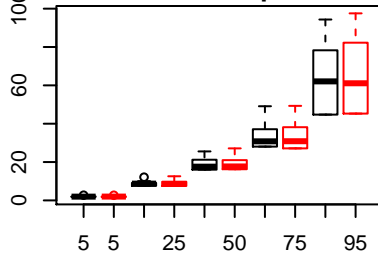


Sample statistics
 Mass conserved = 1
 Median(obs/new) = 21.21 / 22.88
 1%(obs/new) = 0.74 / 0.73
 5%(obs/new) = 2.26 / 2.27
 25%(obs/new) = 10.06 / 10.61
 75%(obs/new) = 40.75 / 41.58
 95%(obs/new) = 85.94 / 89.58
 99%(obs/new) = 124.77 / 126

5/25/50/75/95 percentiles



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Site statistics
 Percentiles Pearson's corr. = 0.993
 Mean normalized bias = 0