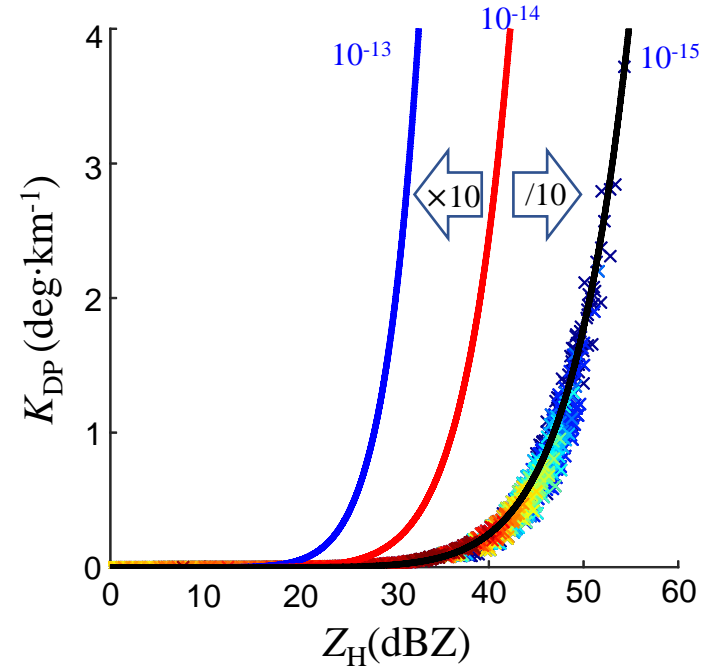


Eq. 8 should be $K_{DP} = 1.5473 \times 10^{-15} \times Z_H^{8.8365}$ rather than $K_{DP} = 1.5473 \times 10^{-13} \times Z_H^{8.8365}$



Reason: We use Z_H and $K_{DP} \times 10$ to fit the curve of Eq.8 in the form of $K_{DP} = a \times Z_H^b$, so the red curve ($a=10^{-14}$) would be derived (the scatters with $K_{DP} \times 10$ are not plotted). Then we need to divide coefficient a by 10 for the black curve with ($a=10^{-15}$) to make the fitted K_{DP} coincide with DSD-derived K_{DP} .

But Eq.8 was mistaken by multiplying 10 in current edition (10^{-13} , not 10^{-15} is used). Obviously, 10^{-13} is inappropriate accordingly (The figure above is same as Fig.8e and it is easy to see that K_{DP} fitted with $a=10^{-13}$ increases much more rapidly than the black curve and scatter pixels).