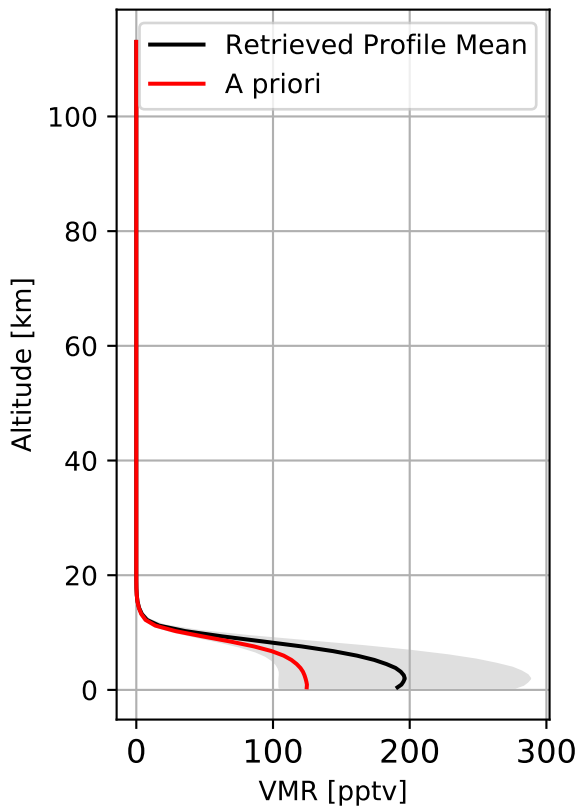
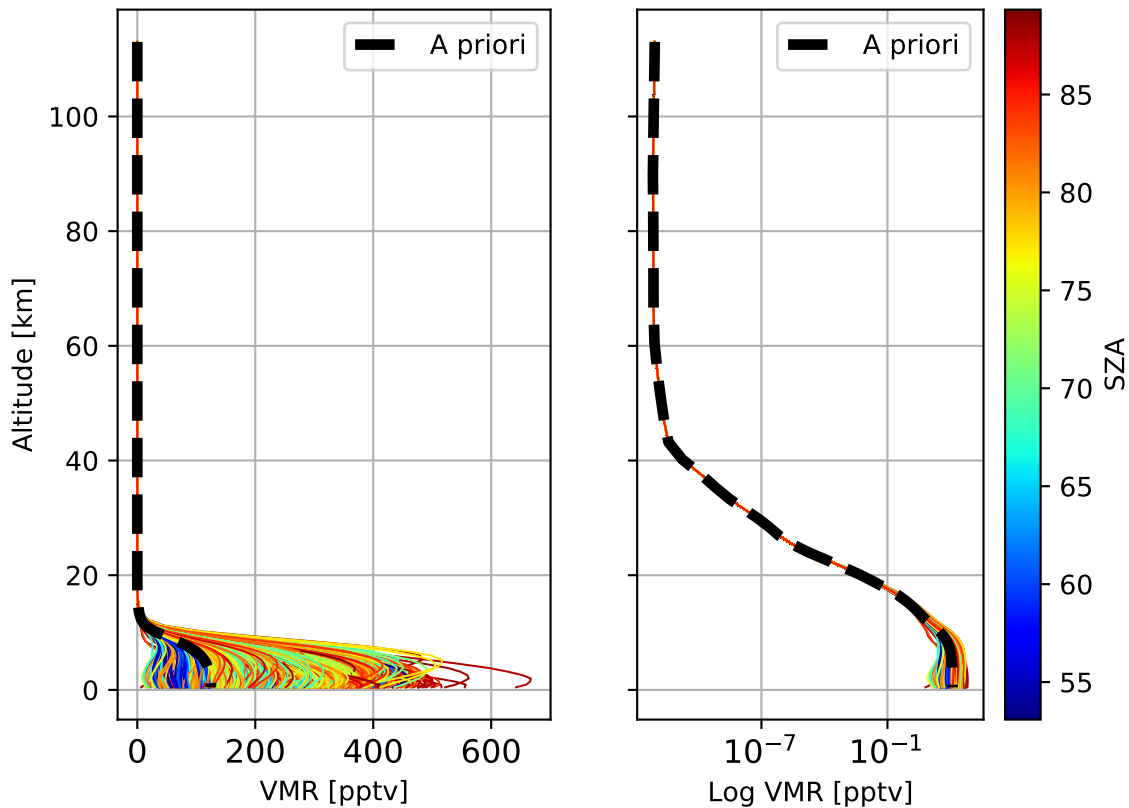


C2H2

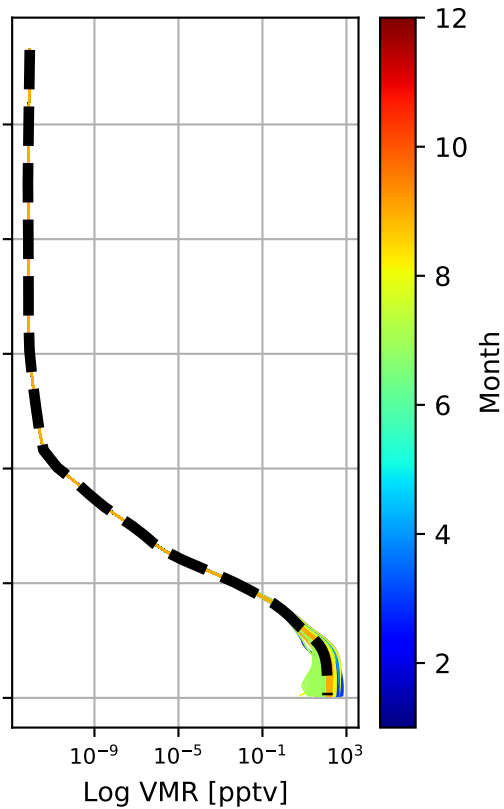
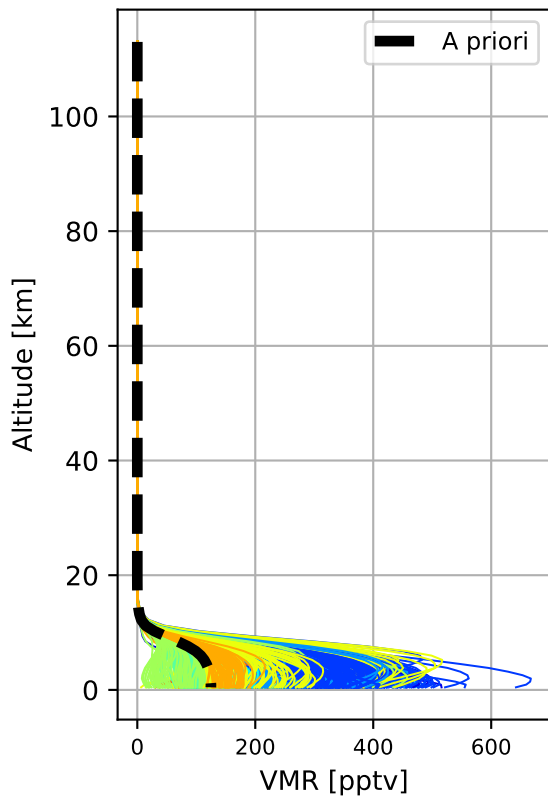
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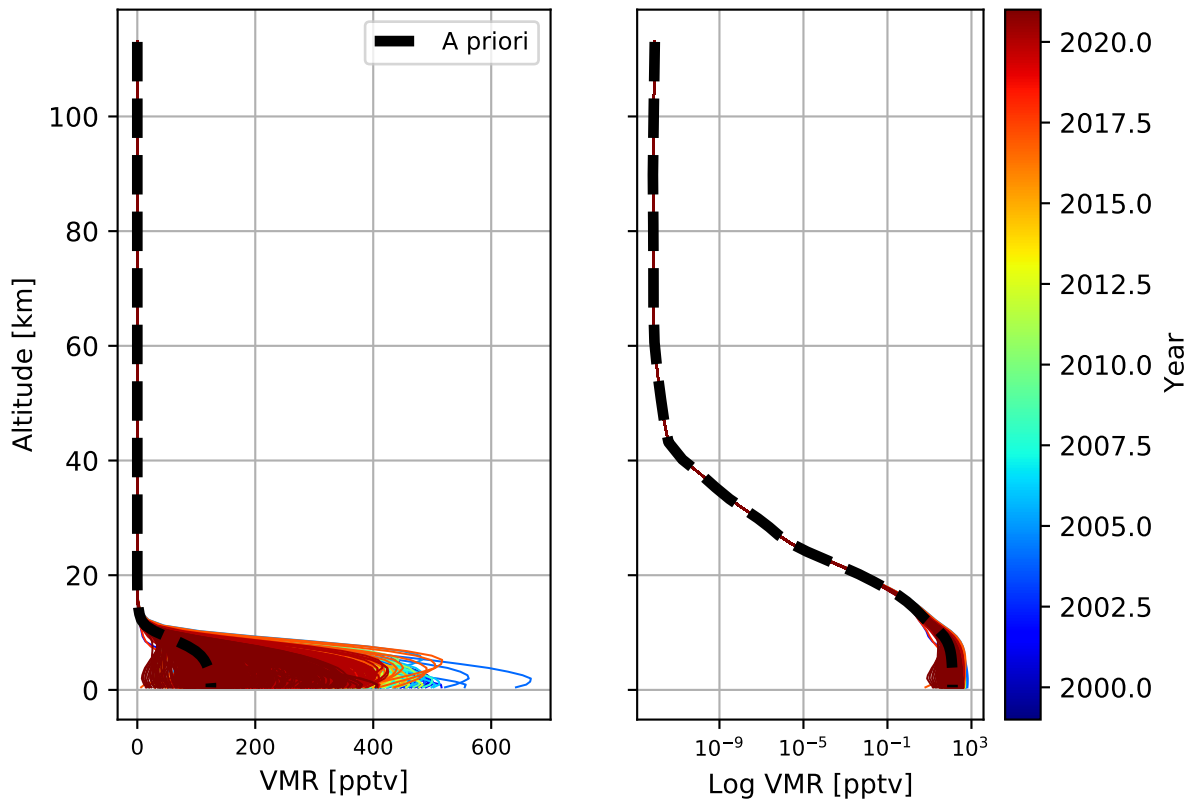
C2H2



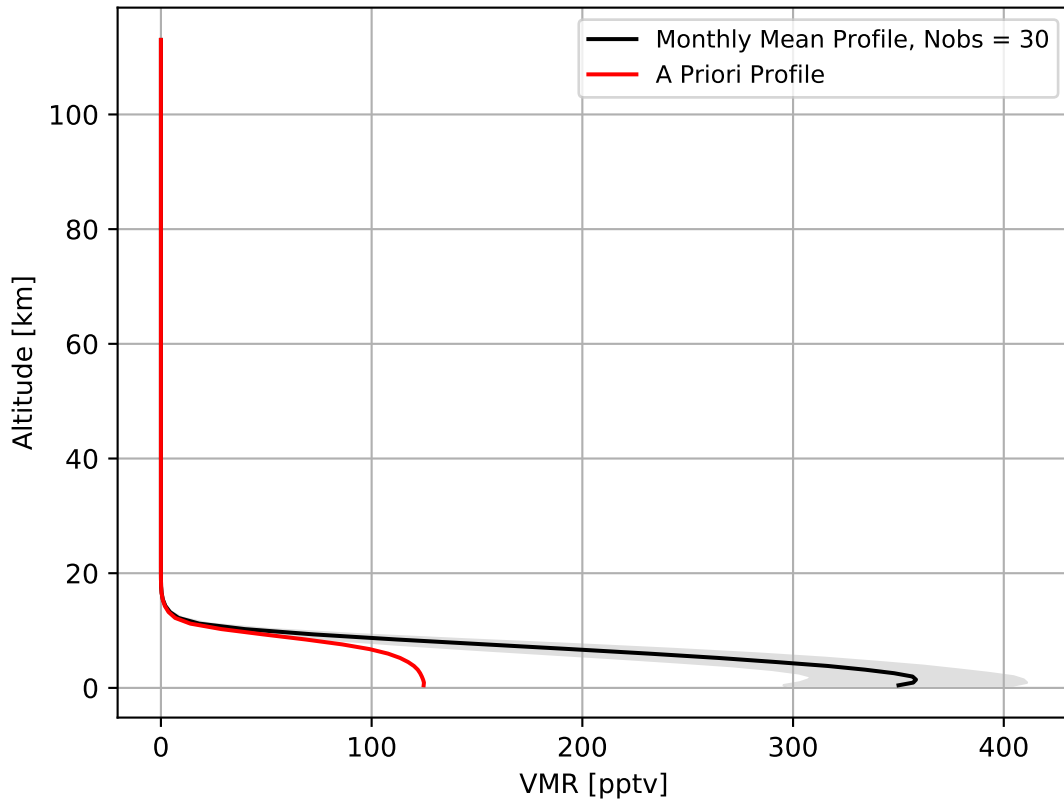
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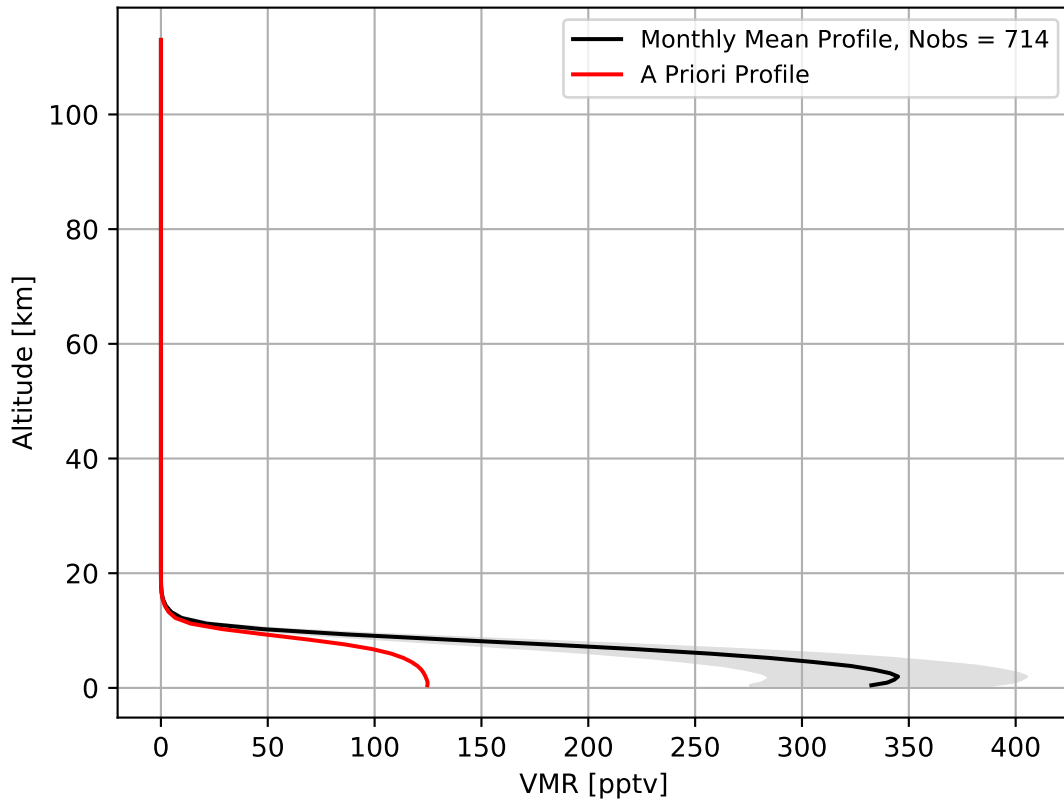
C2H2



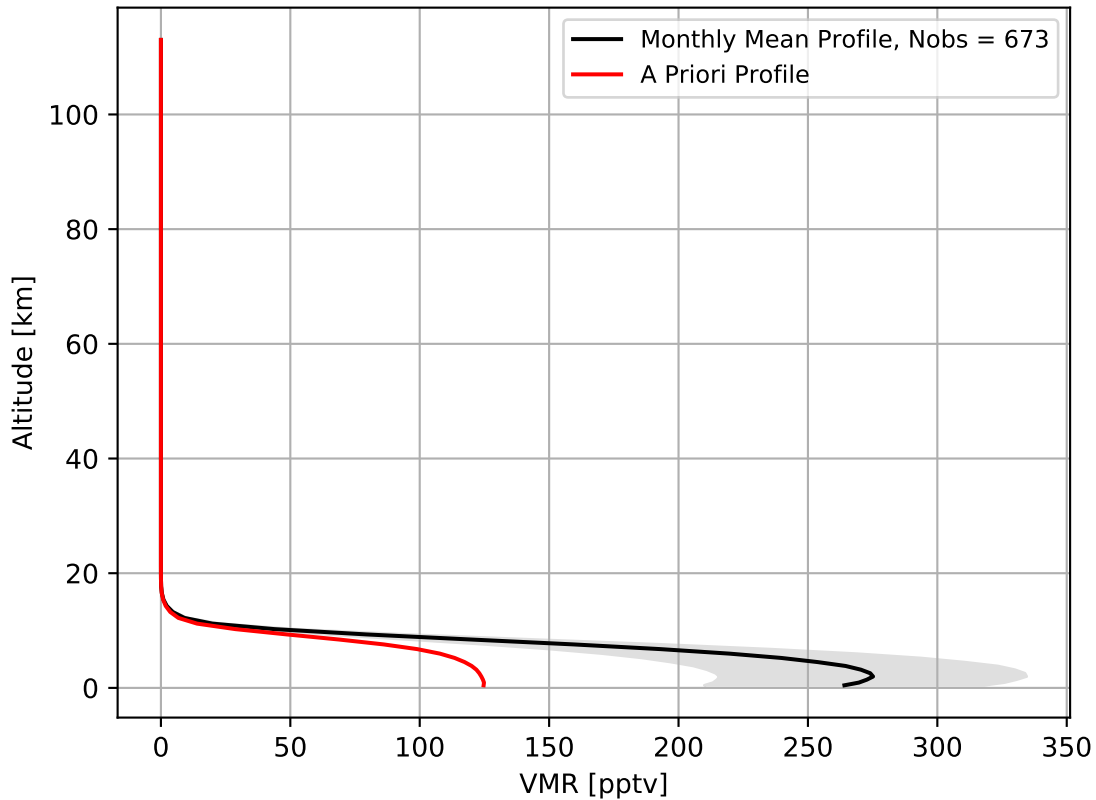
Month = 2



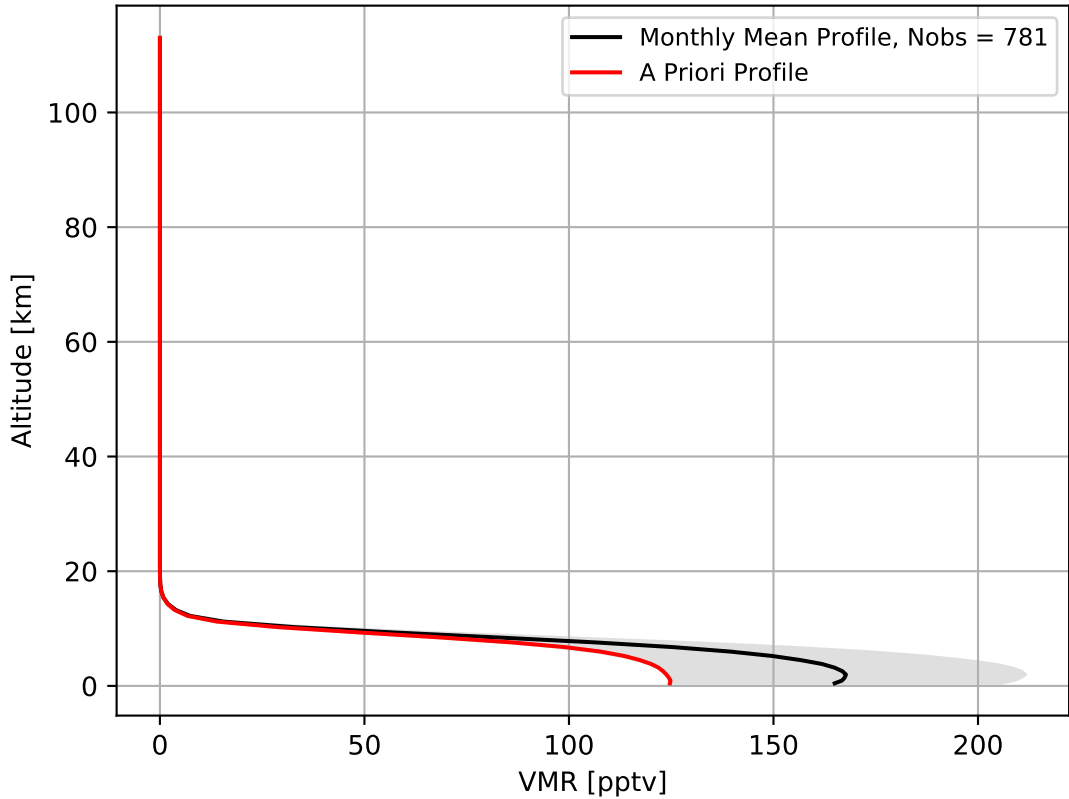
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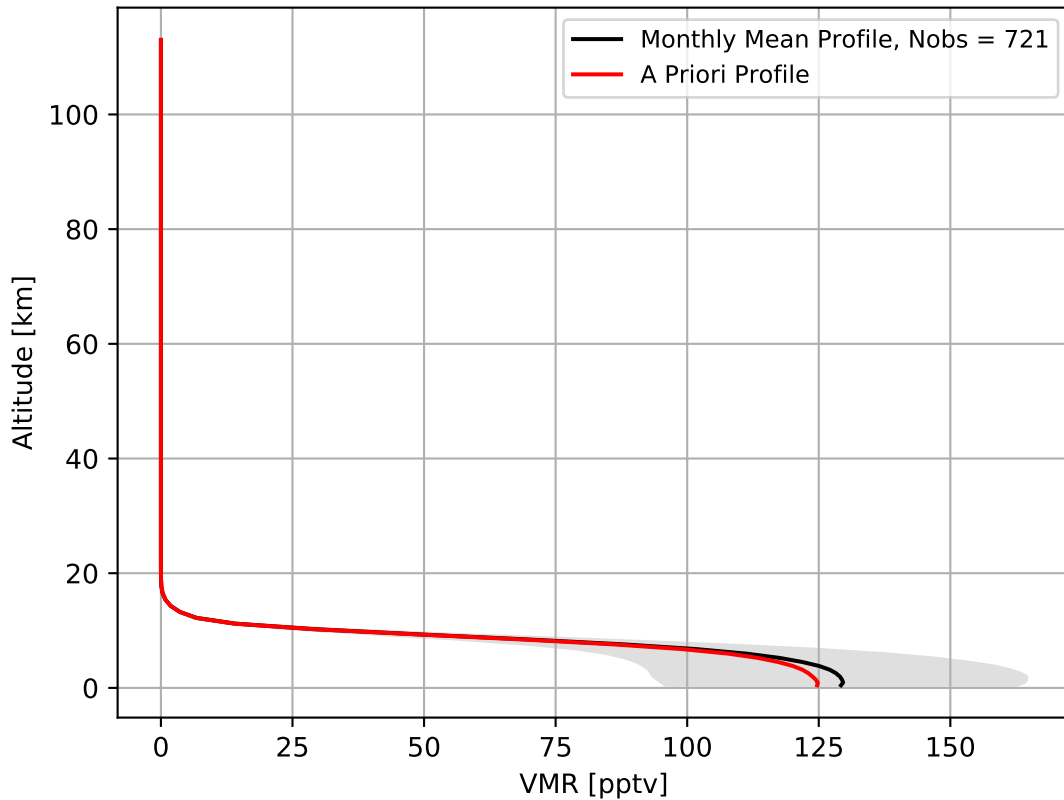
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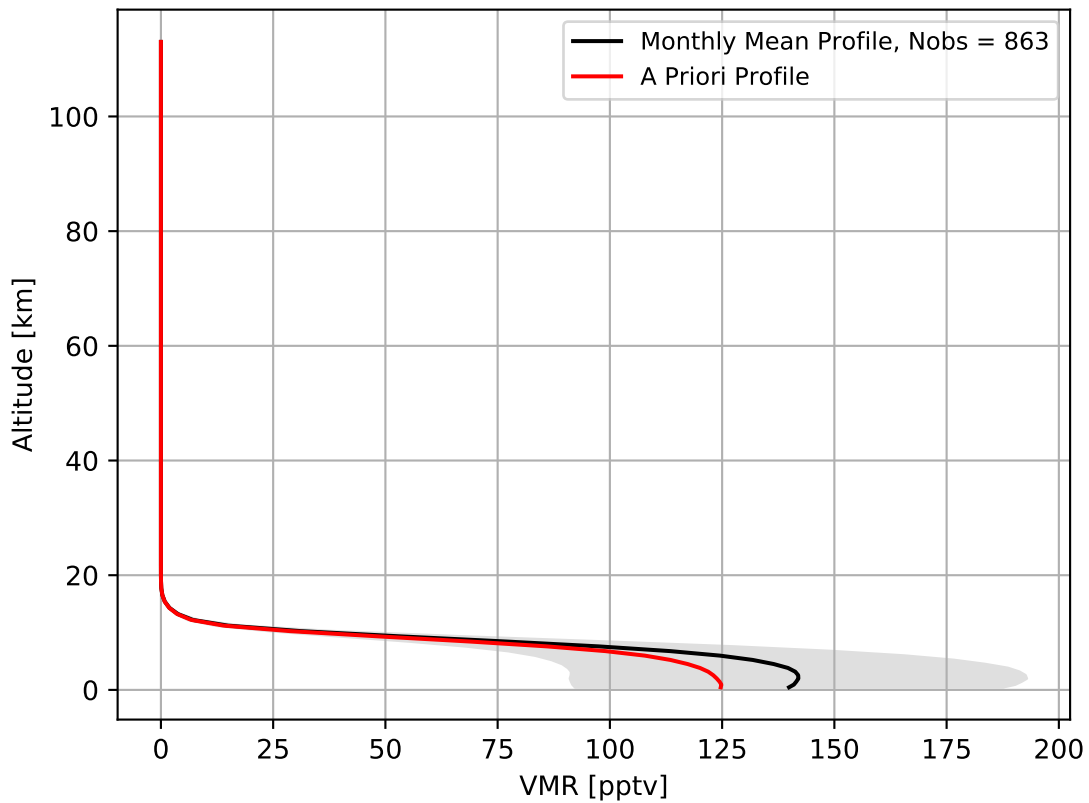
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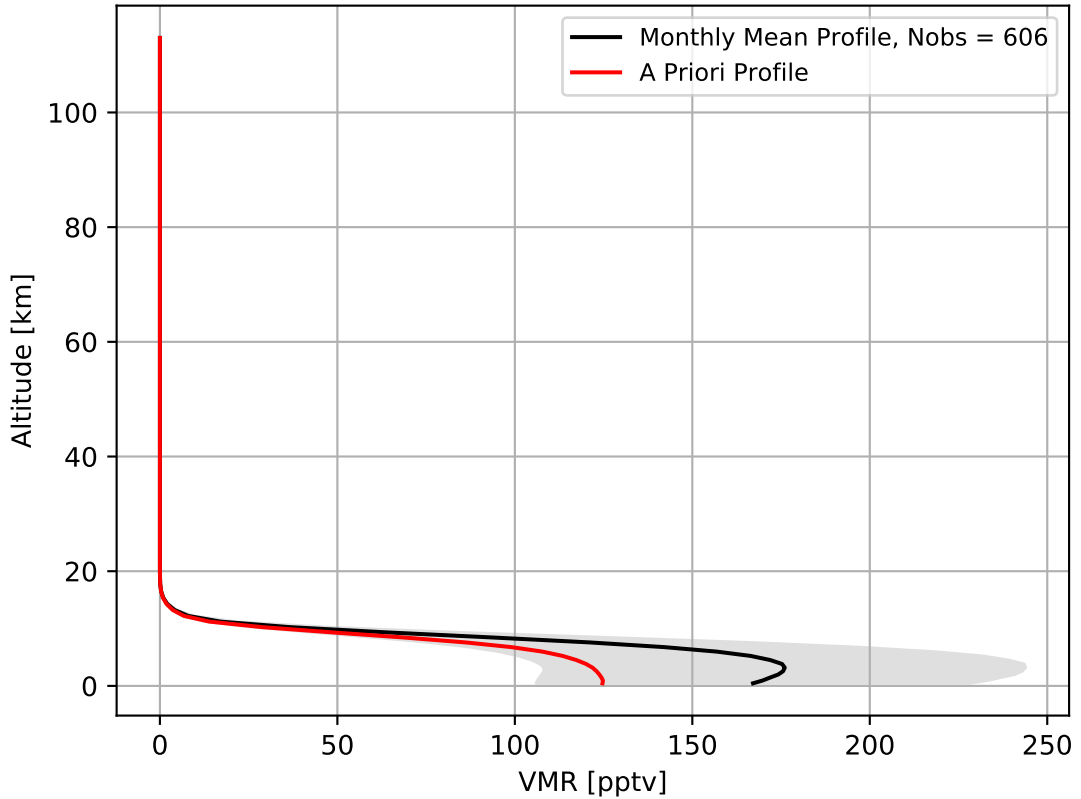
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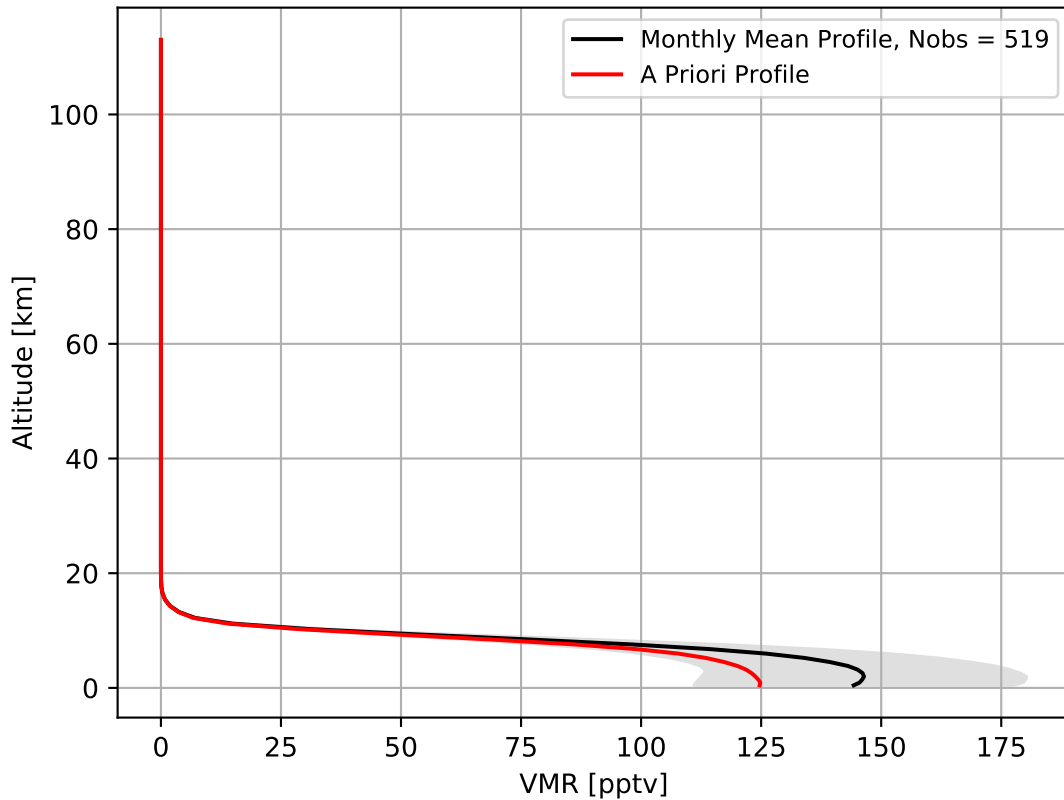
Month = 7



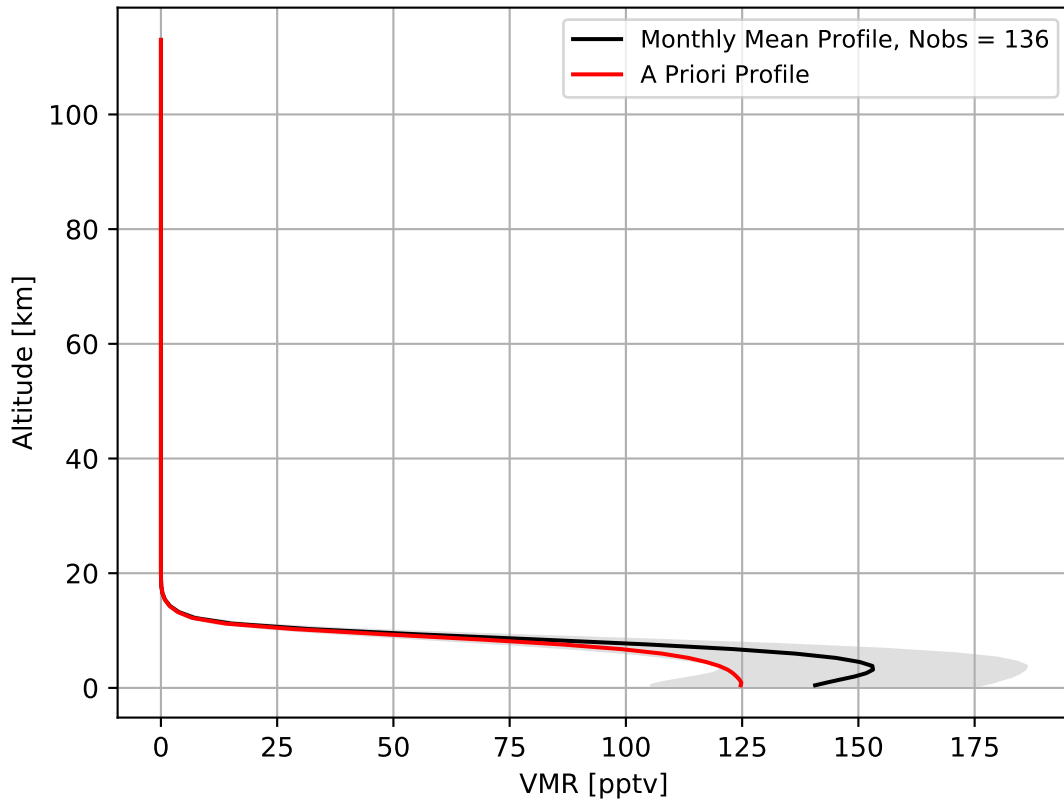
Month = 8



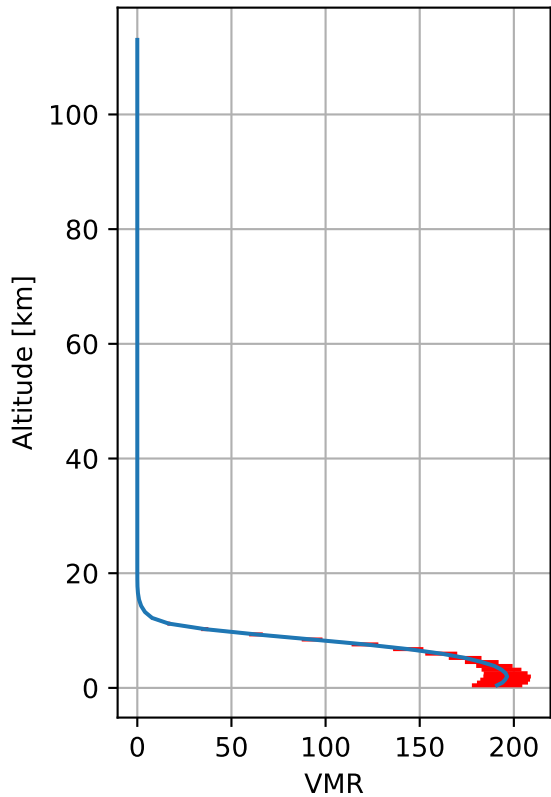
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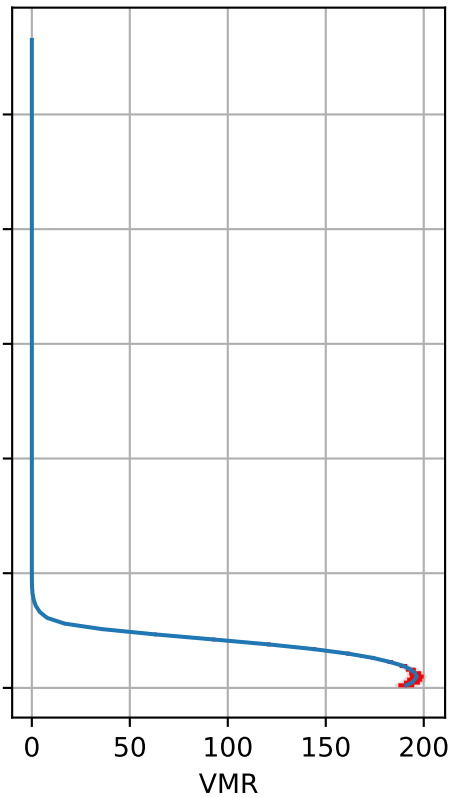
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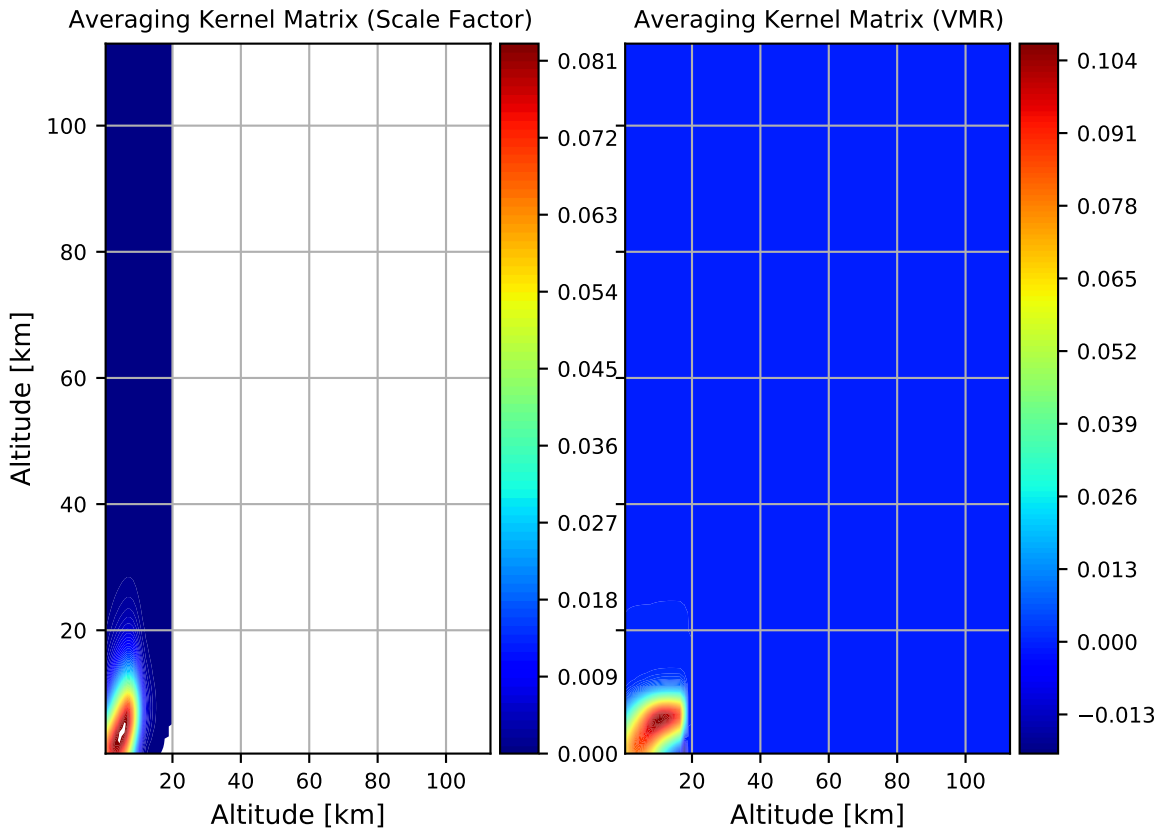


Random Error

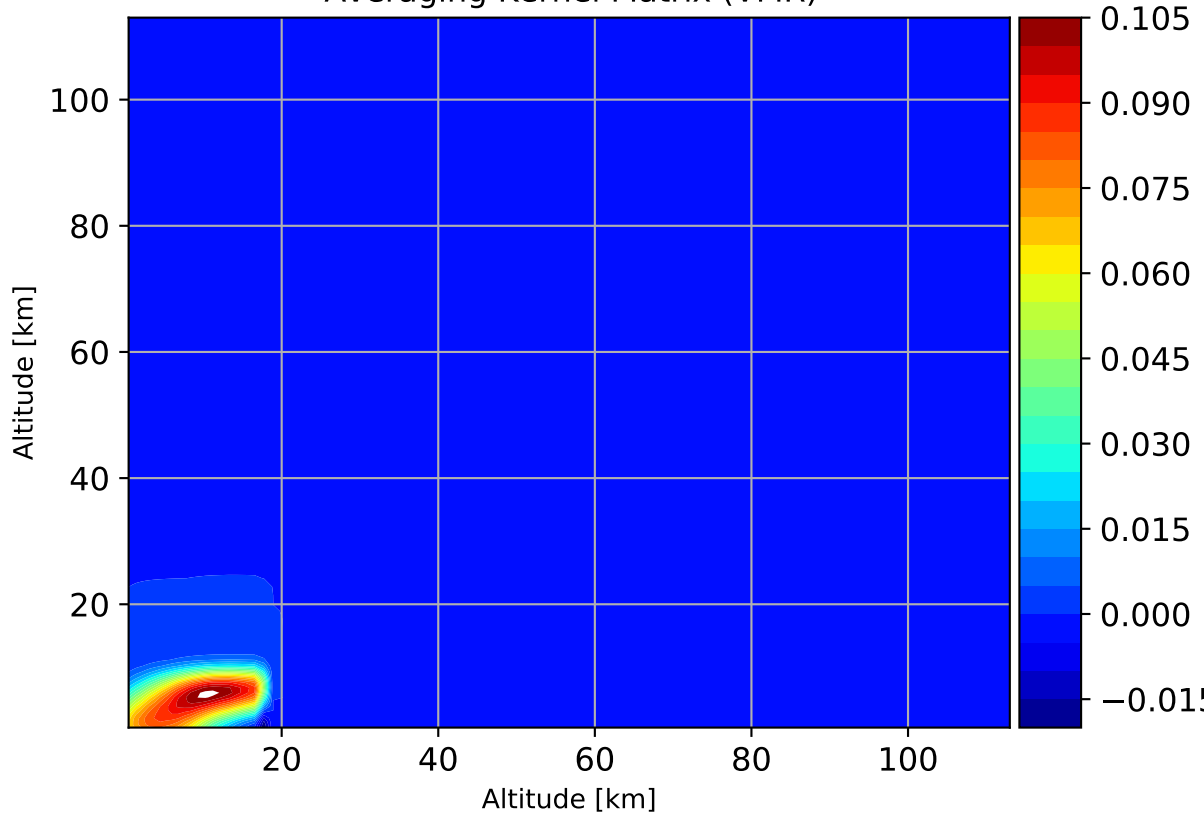


Systematic Error

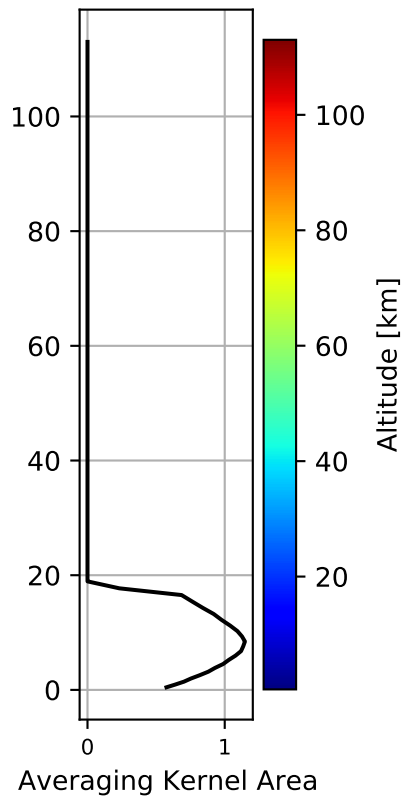
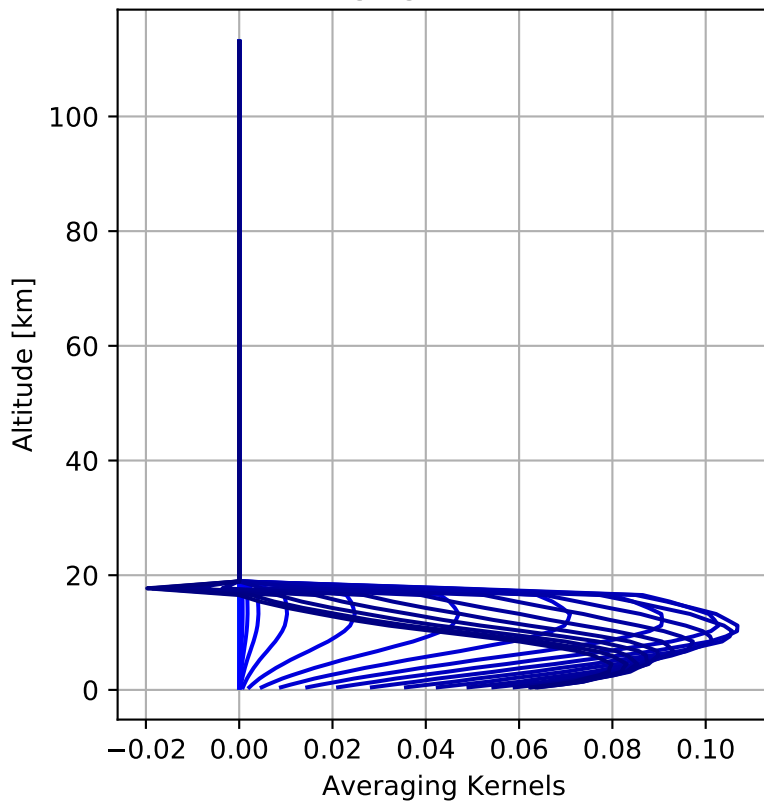




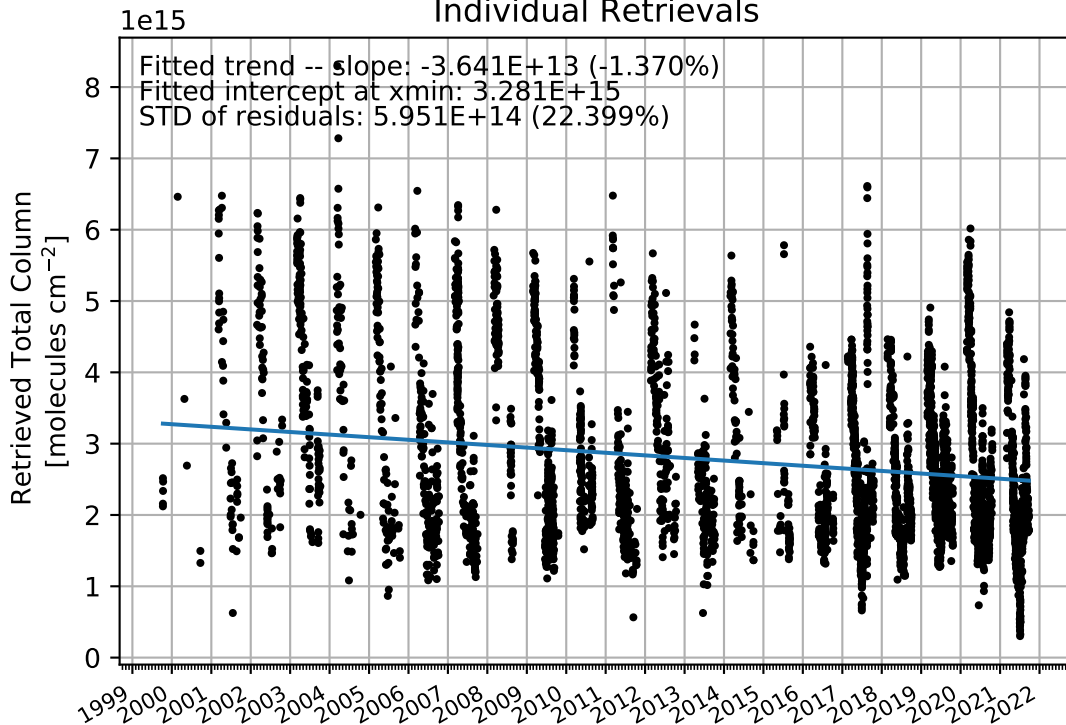
Averaging Kernel Matrix (VMR)



Averaging Kernels VMR



Trend Analysis with Boot Strap Resampling Individual Retrievals



1e15 Time Series of Monthly Averaged Total Column

