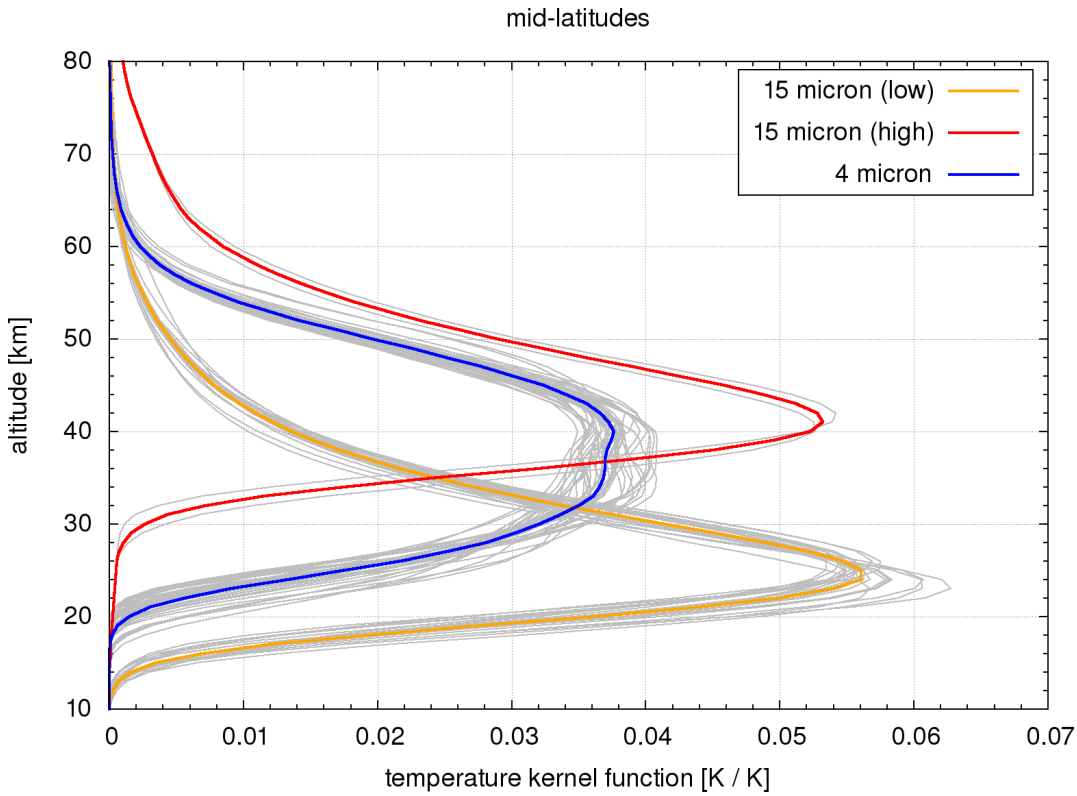
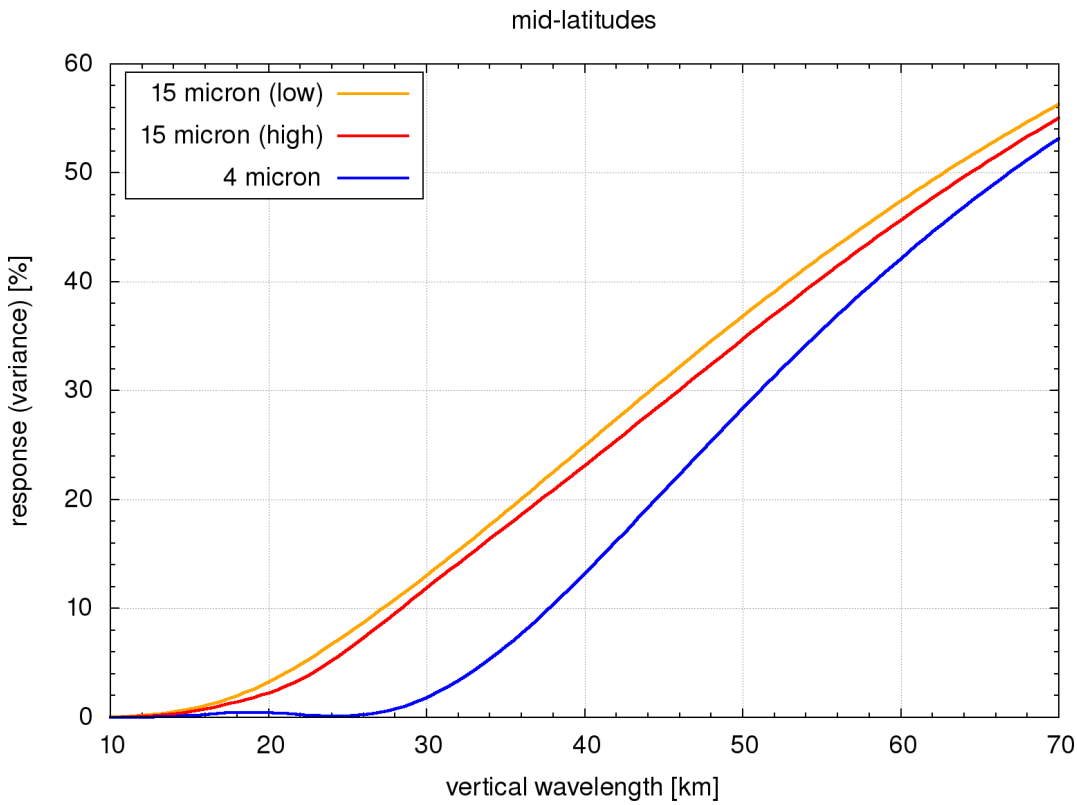
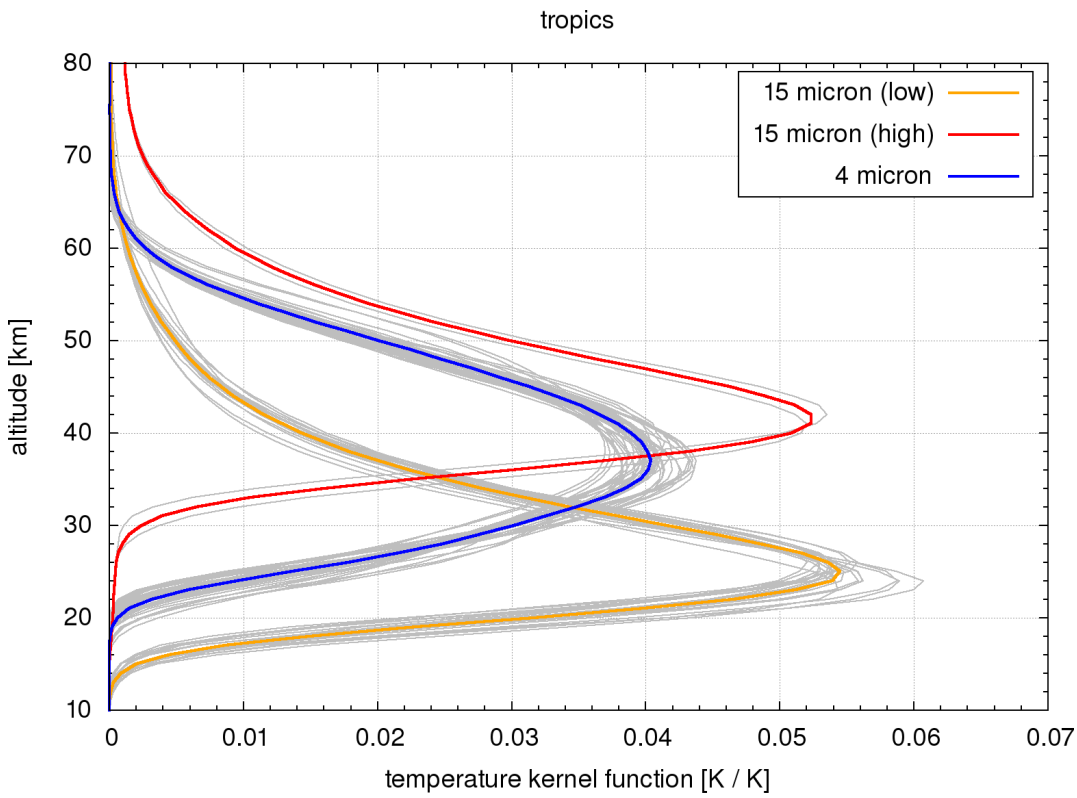
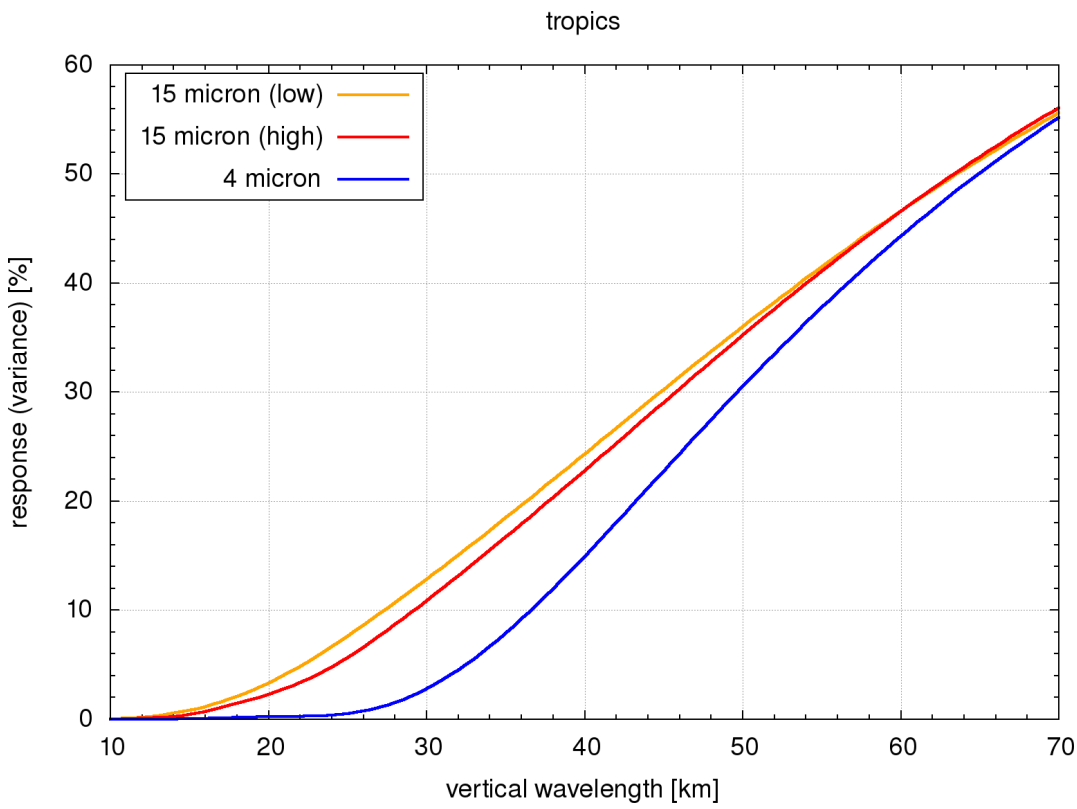
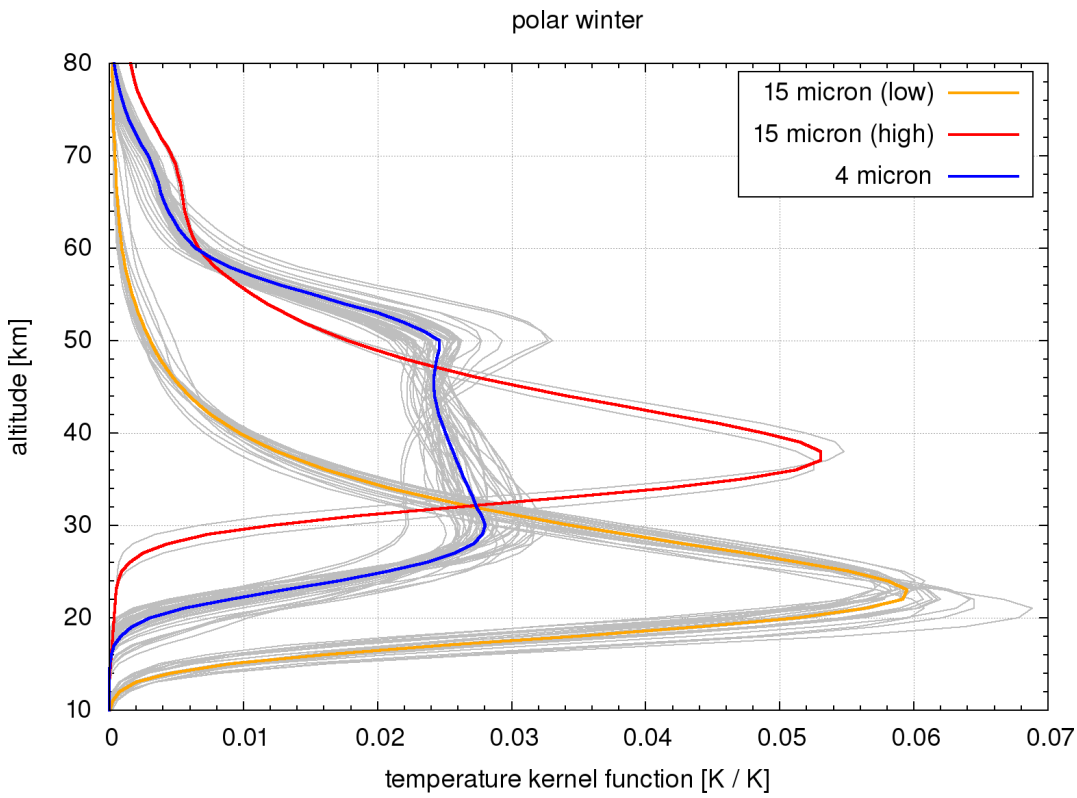
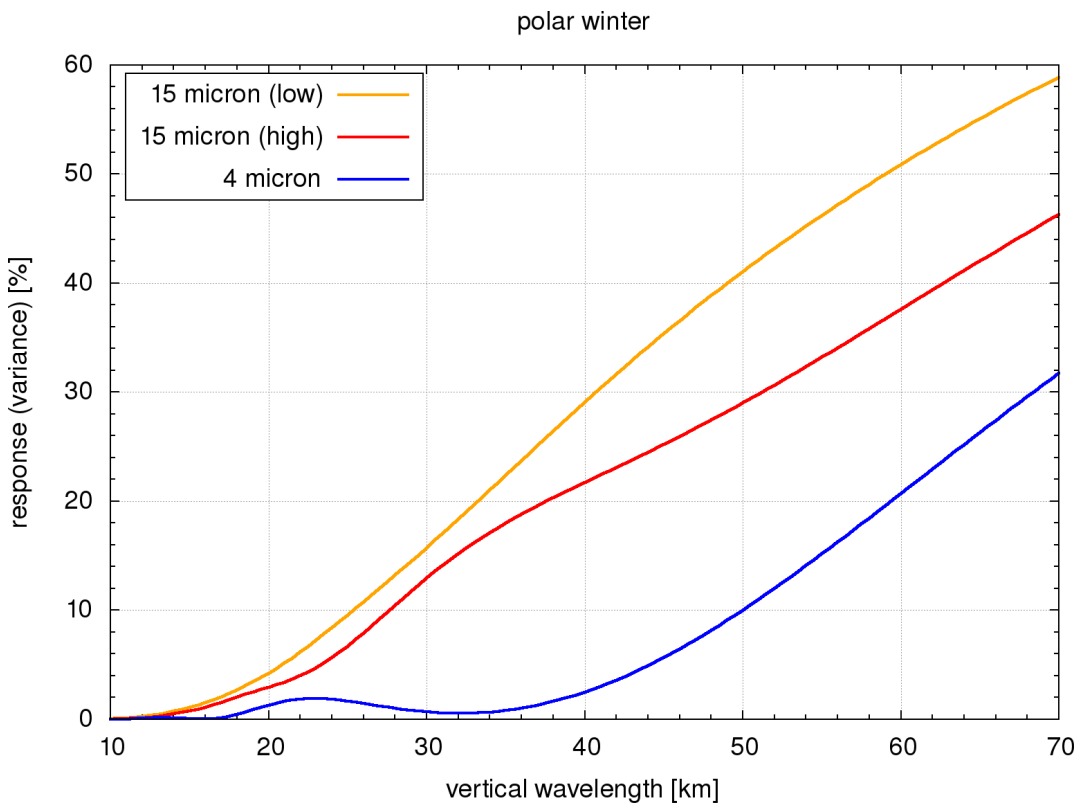

mid-latitudes
15 micron (low)
15 micron (high)
4 micron
altitude [km]
temperature kernel function [K / K]
80
70
60
50
40
30
20
10
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07


mid-latitudes
15 micron (low)
15 micron (high)
4 micron
response (variance) [%]
vertical wavelength [km]
60
50
40
30
20
10
0
10
20
30
40
50
60
70


tropics
15 micron (low)
15 micron (high)
4 micron
altitude [km]
temperature kernel function [K / K]
80
70
60
50
40
30
20
10
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07


tropics
15 micron (low)
15 micron (high)
4 micron
response (variance) [%]
vertical wavelength [km]
60
50
40
30
20
10
0
10
20
30
40
50
60
70


polar winter
15 micron (low)
15 micron (high)
4 micron
altitude [km]
temperature kernel function [K / K]
80
70
60
50
40
30
20
10
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07


polar winter
15 micron (low)
15 micron (high)
4 micron
response (variance) [%]
vertical wavelength [km]
60
50
40
30
20
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0
10
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30
40
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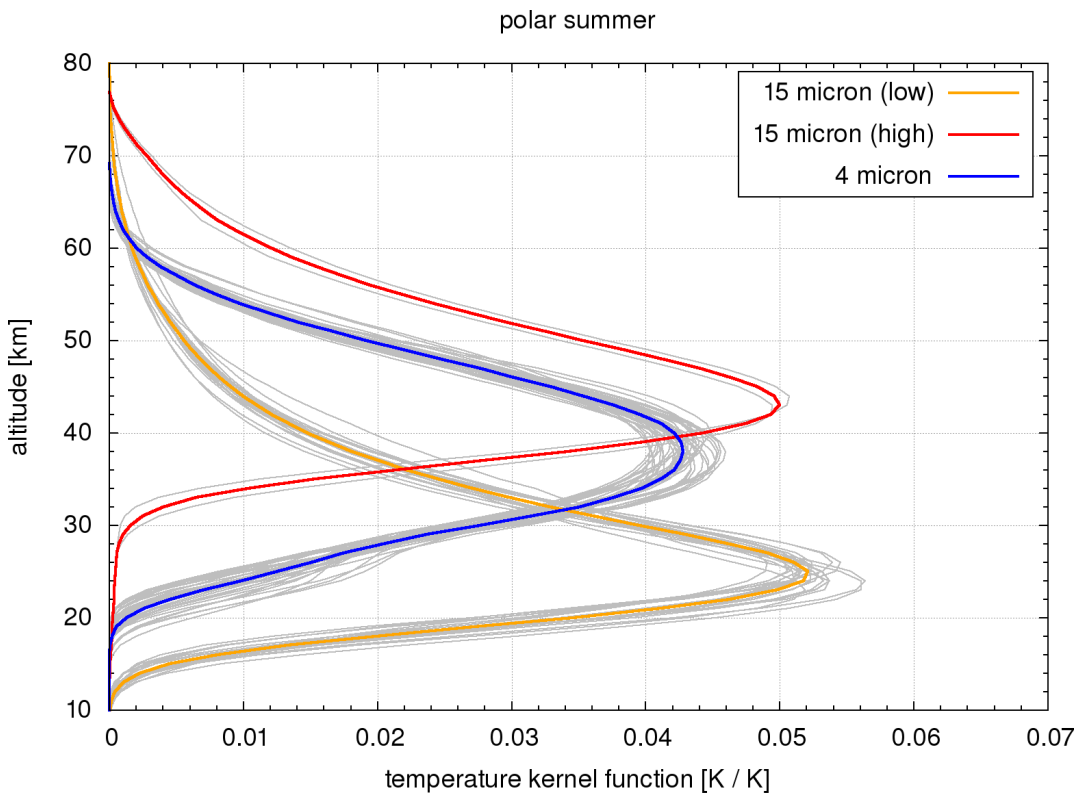
60
70


polar summer
15 micron (low)
15 micron (high)
4 micron
altitude [km]
temperature kernel function [K / K]
80
70
60
50
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0.06
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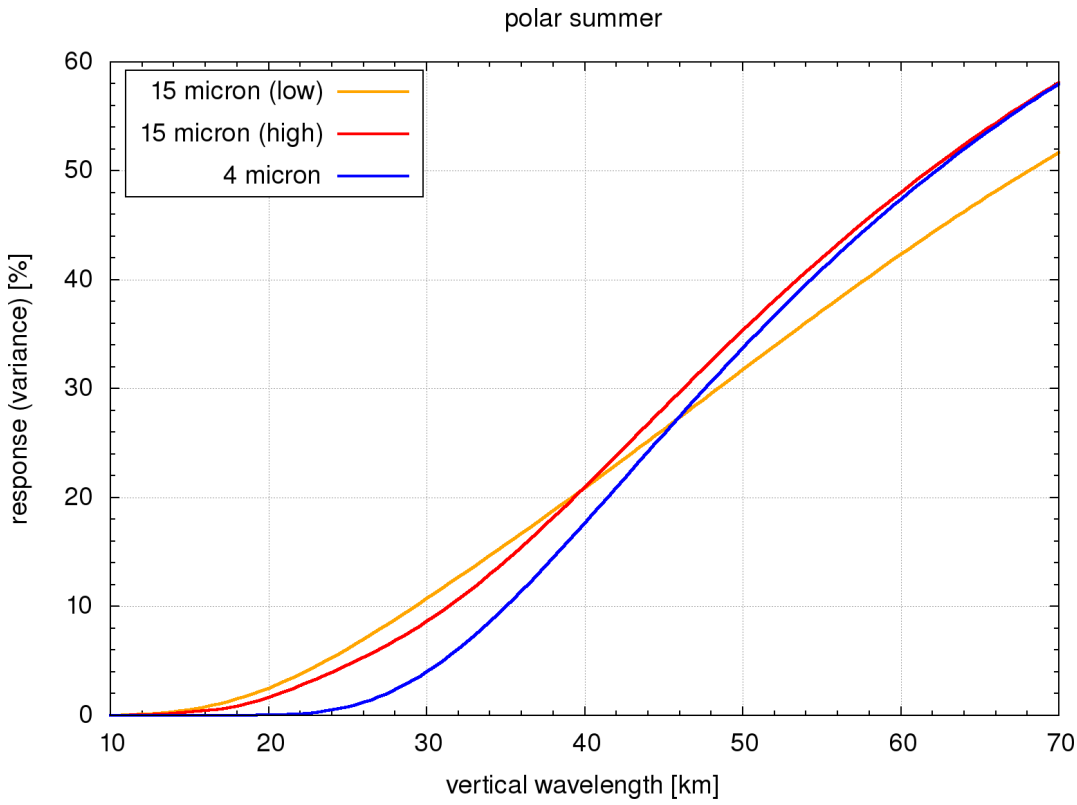
polar summer
15 micron (low)
15 micron (high)
4 micron
response (variance) [%]
vertical wavelength [km]
60
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40
30
20
10
0
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20
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50
60
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