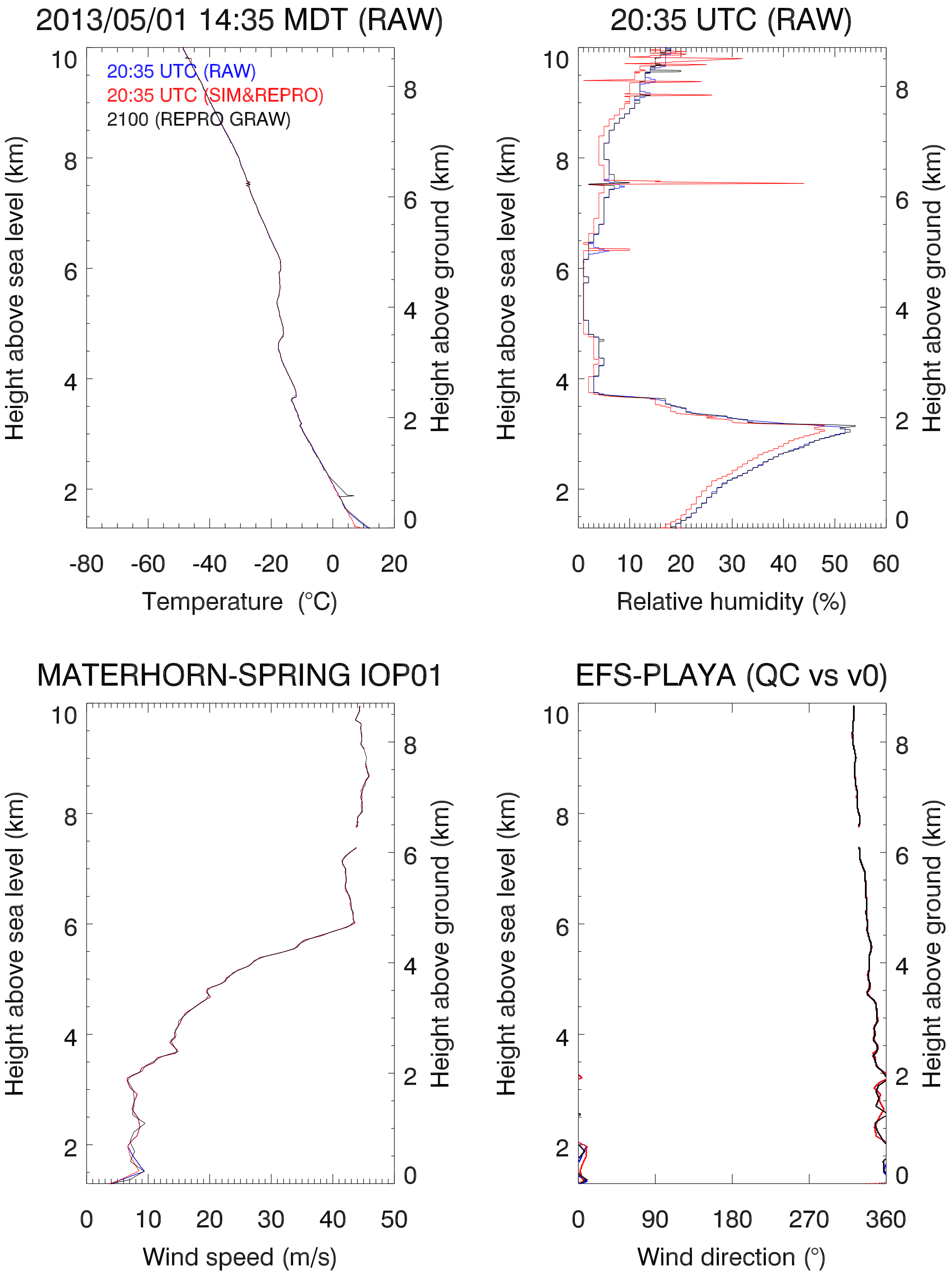
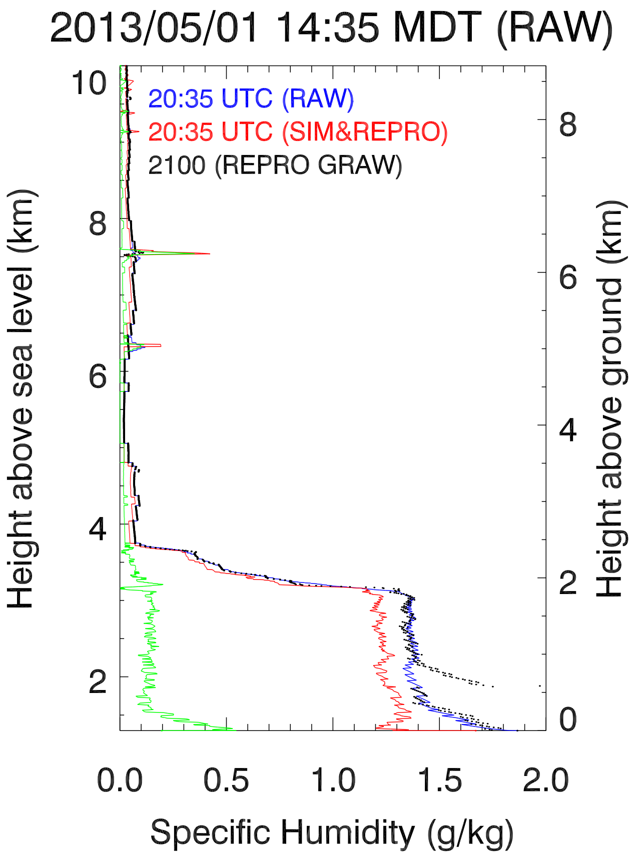
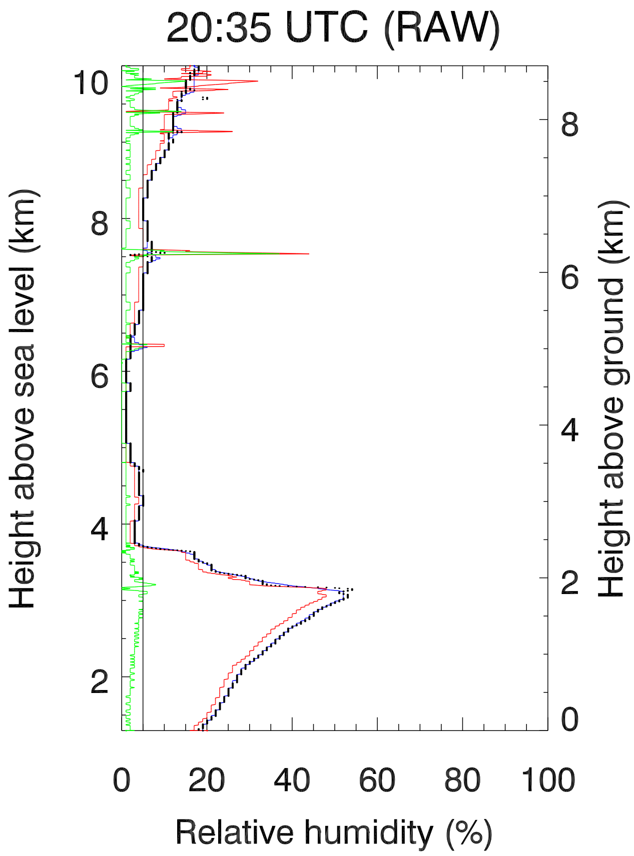
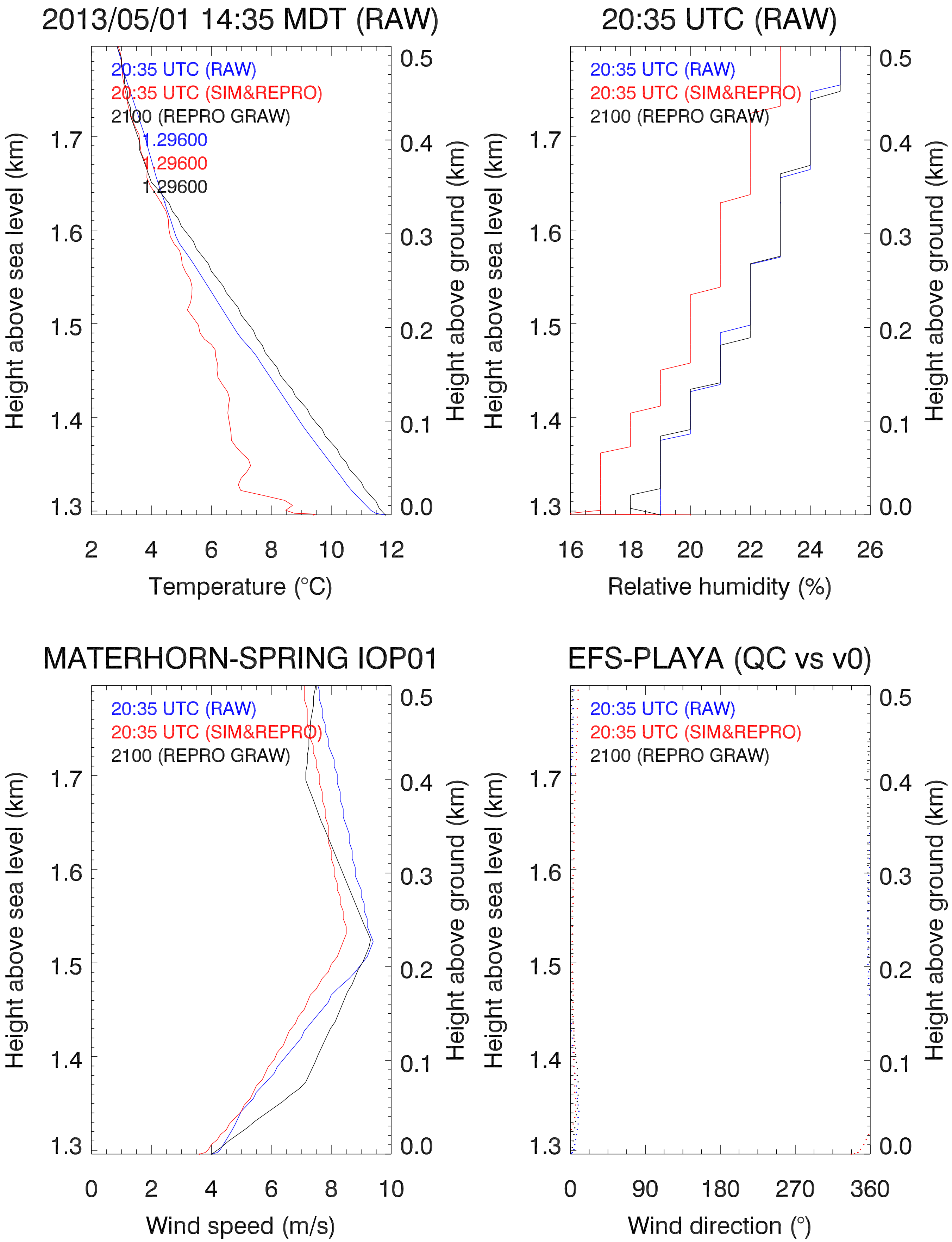
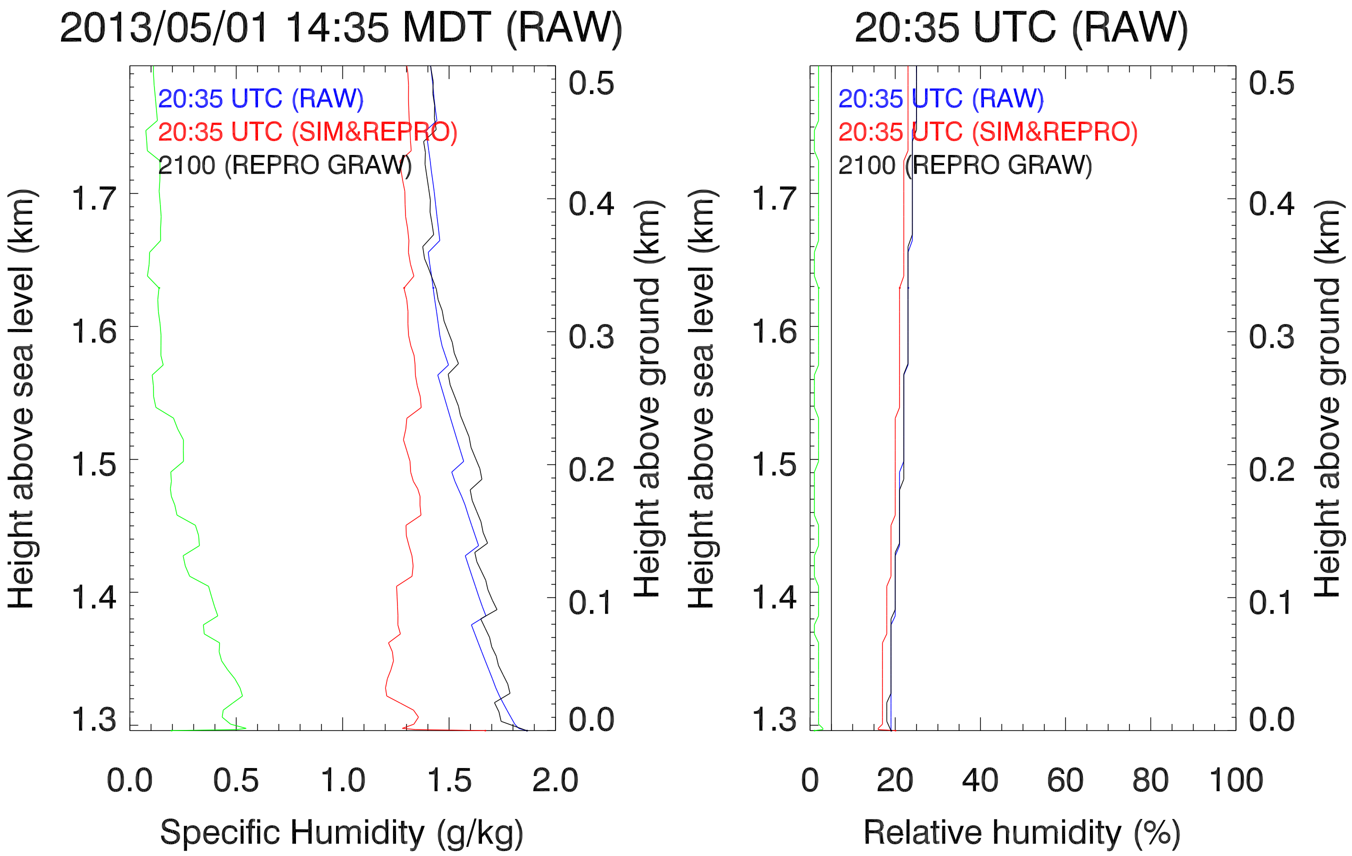
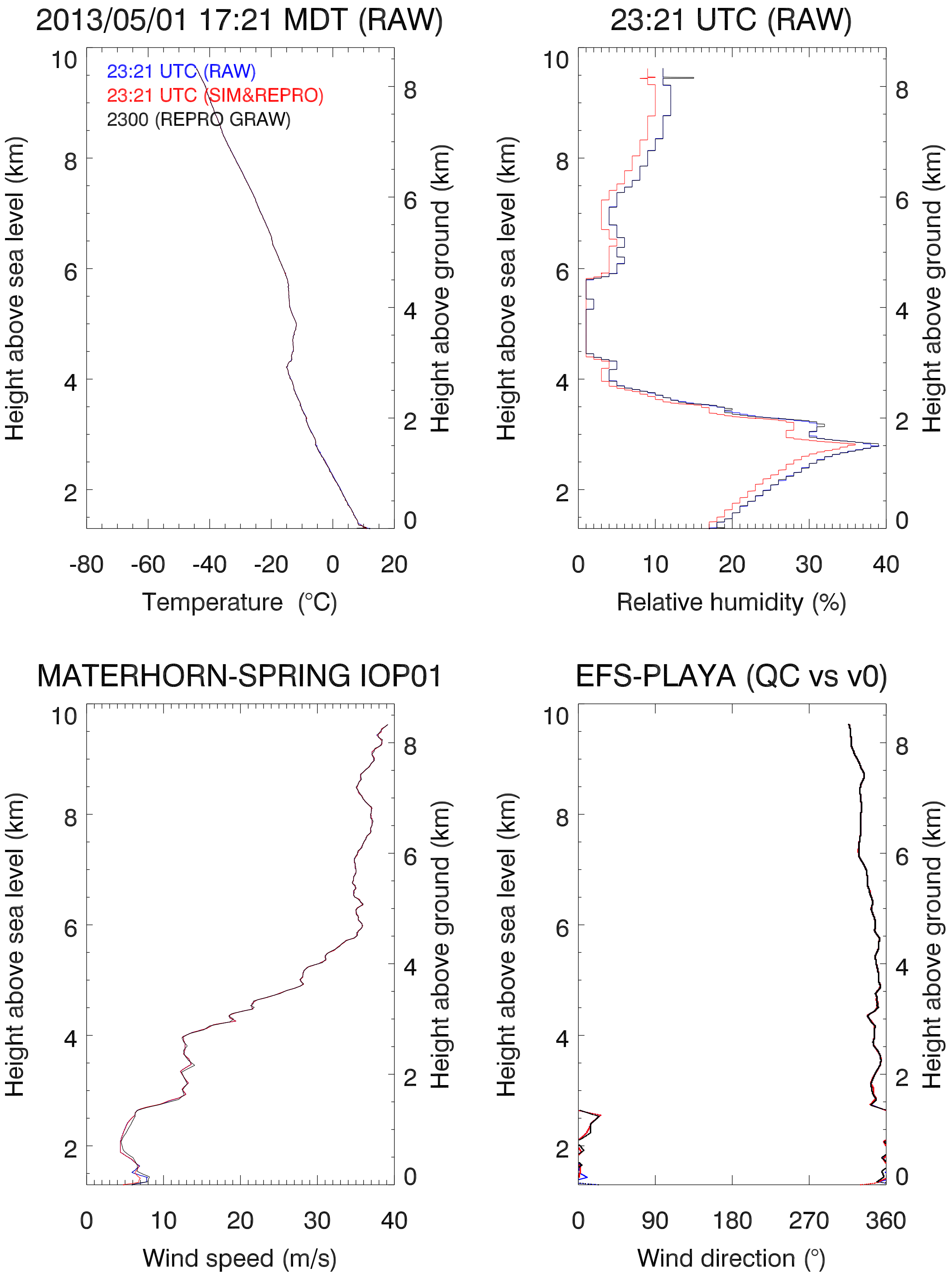

2013/05/01 14:35 MDT (RAW)
20:35 UTC (RAW)
MATERHORN-SPRING IOP01
EFS-PLAYA (QC vs v0)
20:35 UTC (RAW)
20:35 UTC (SIM&REPRO)
2100 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
10
8
6
4
2
0
Temperature (°C)
-80 -60 -40 -20 0 20
Relative humidity (%)
0 10 20 30 40 50 60
Wind speed (m/s)
0 10 20 30 40 50
Wind direction (°)
0 90 180 270 360

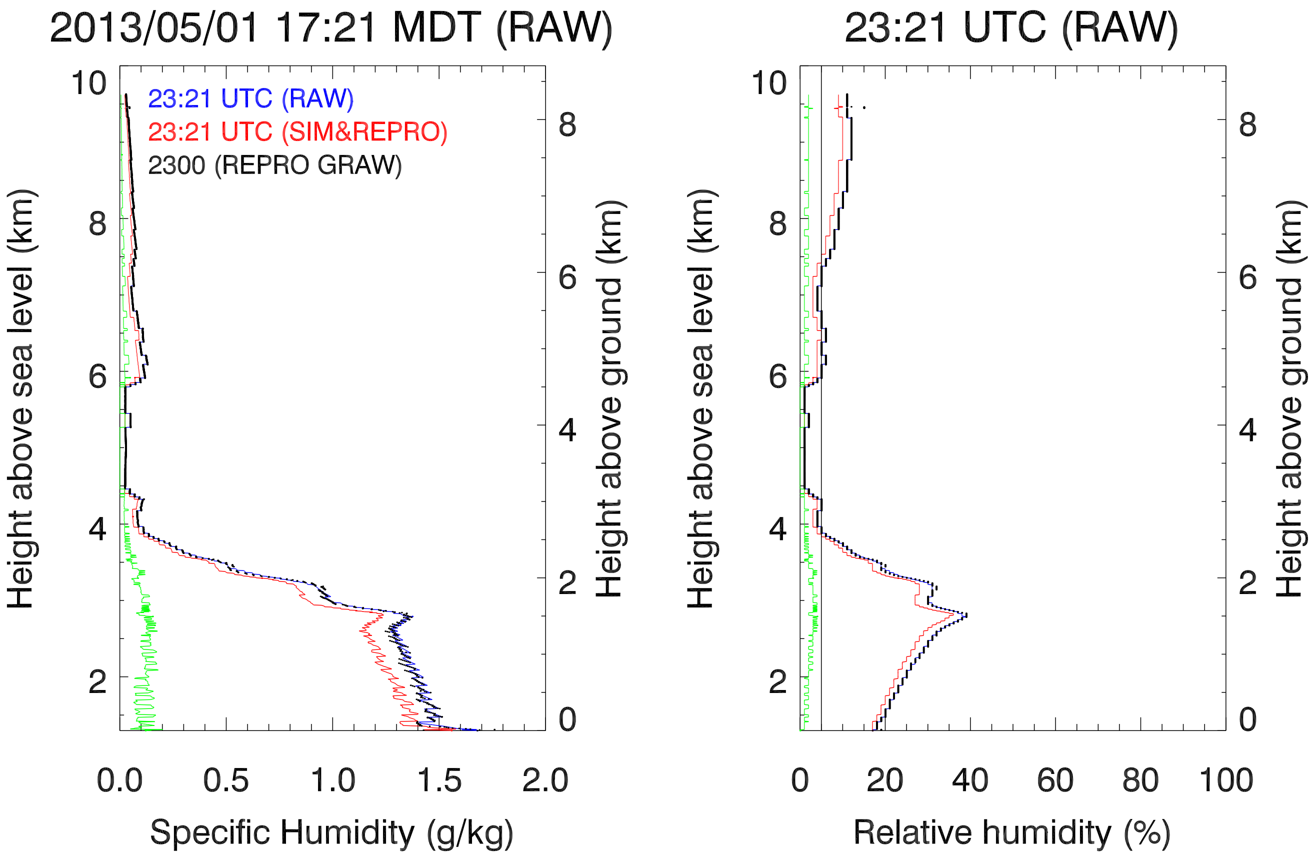

2013/05/01 14:35 MDT (RAW)

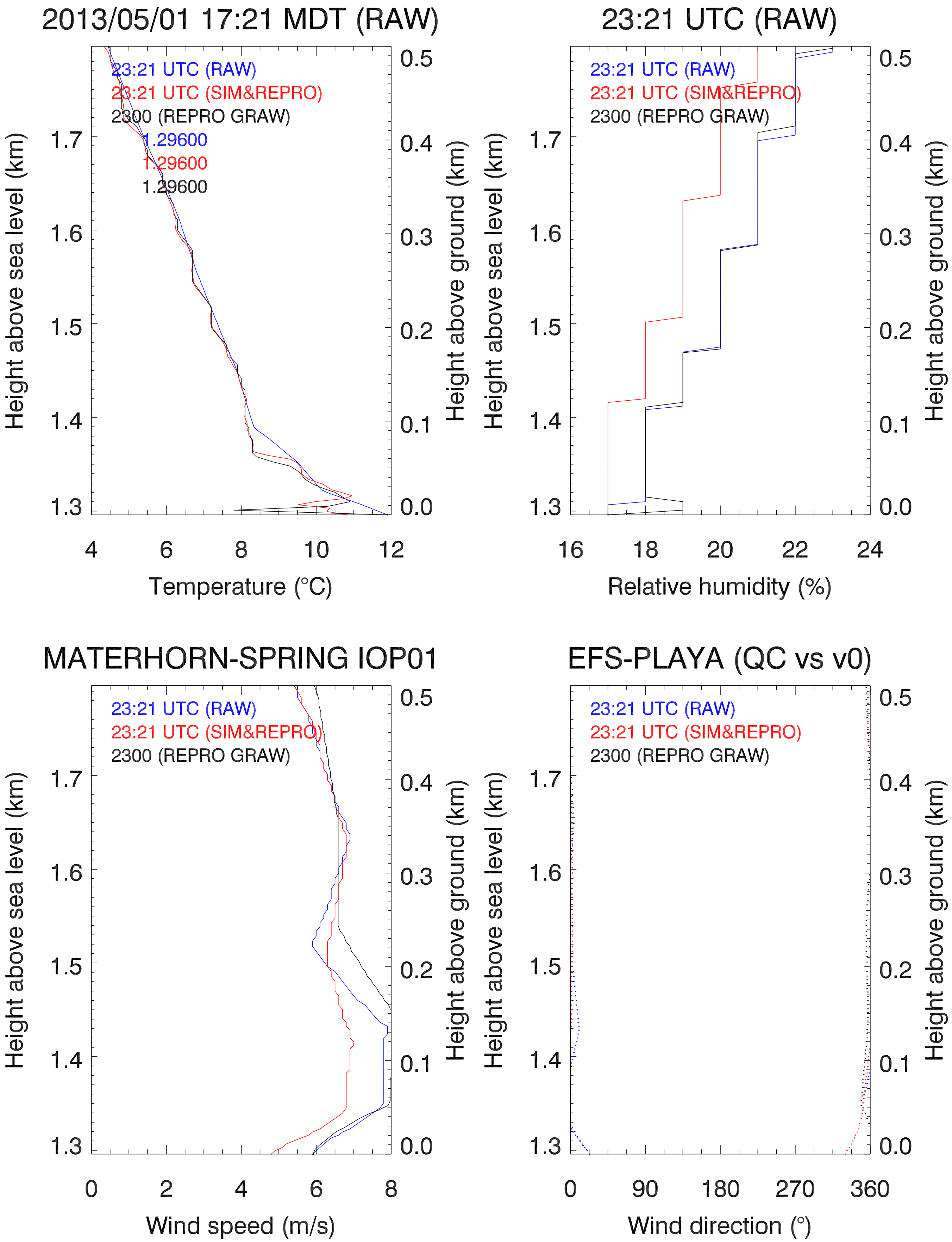

20:35 UTC (RAW)

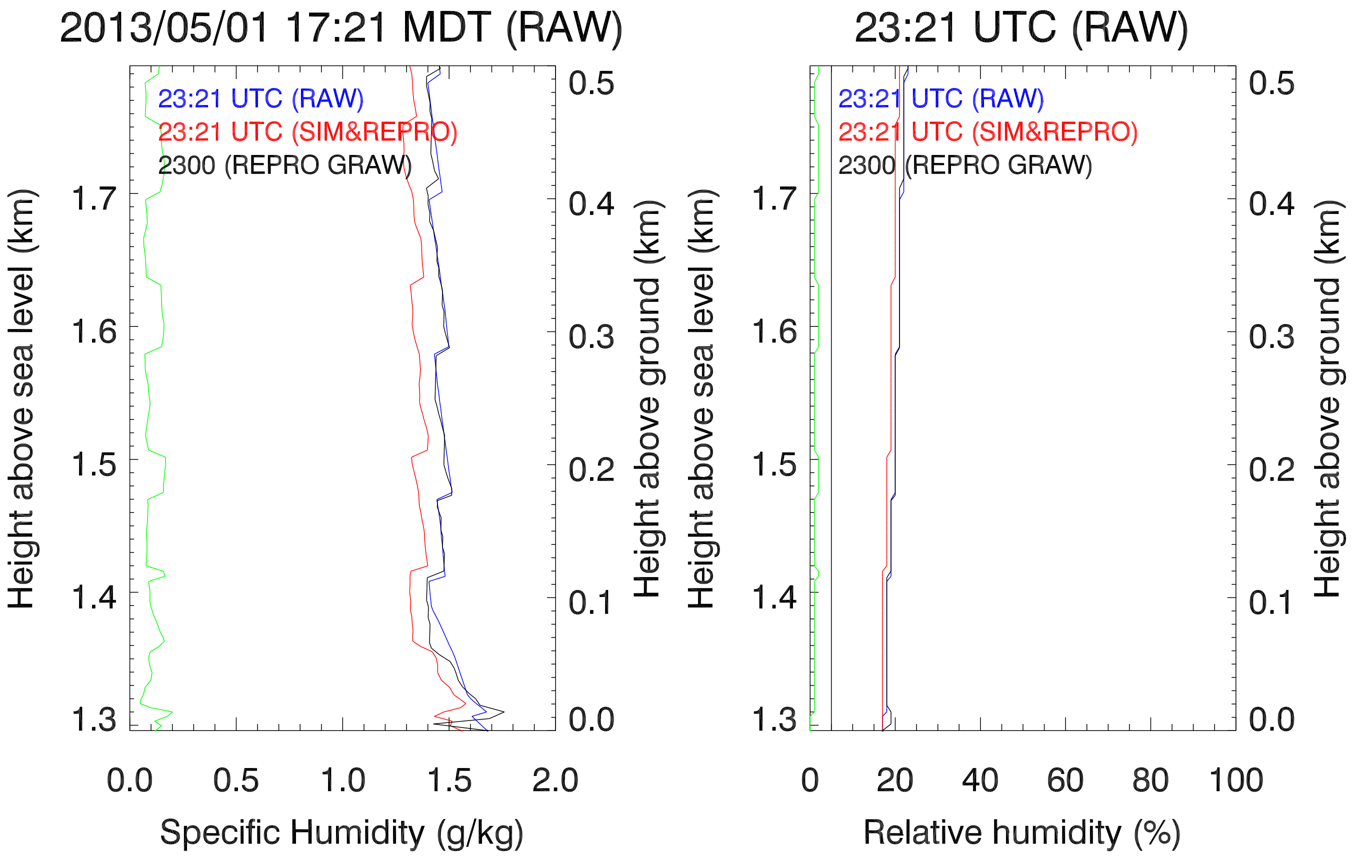

2013/05/01 14:35 MDT (RAW)
20:35 UTC (RAW)
20:35 UTC (RAW)
20:35 UTC (SIM&REPRO)
2100 (REPRO GRAW)
1.29600
1.29600
1.29600
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
2
4
6
8
10
12
Temperature (°C)
20:35 UTC (RAW)
20:35 UTC (RAW)
20:35 UTC (SIM&REPRO)
2100 (REPRO GRAW)
16
18
20
22
24
26
Relative humidity (%)
MATERHORN-SPRING IOP01
20:35 UTC (RAW)
20:35 UTC (SIM&REPRO)
2100 (REPRO GRAW)
0
2
4
6
8
10
Wind speed (m/s)
EFS-PLAYA (QC vs v0)
20:35 UTC (RAW)
20:35 UTC (SIM&REPRO)
2100 (REPRO GRAW)
0
90
180
270
360
Wind direction (°)

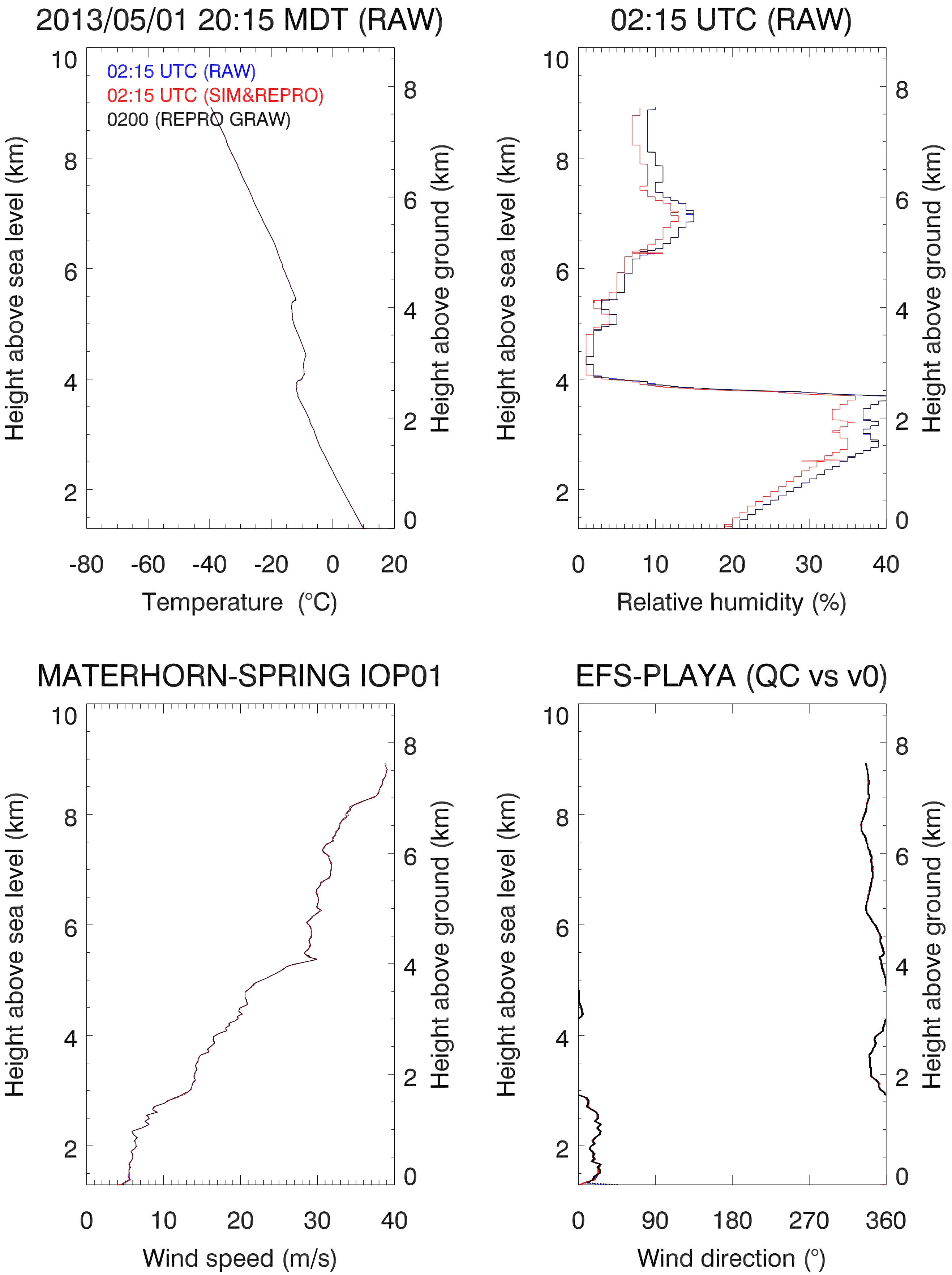

2013/05/01 14:35 MDT (RAW)
20:35 UTC (RAW)
20:35 UTC (SIM&REPRO)
2100 (REPRO GRAW)
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.5
1.0
1.5
2.0
Specific Humidity (g/kg)
20:35 UTC (RAW)
20:35 UTC (RAW)
20:35 UTC (SIM&REPRO)
2100 (REPRO GRAW)
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
0
20
40
60
80
100
Relative humidity (%)

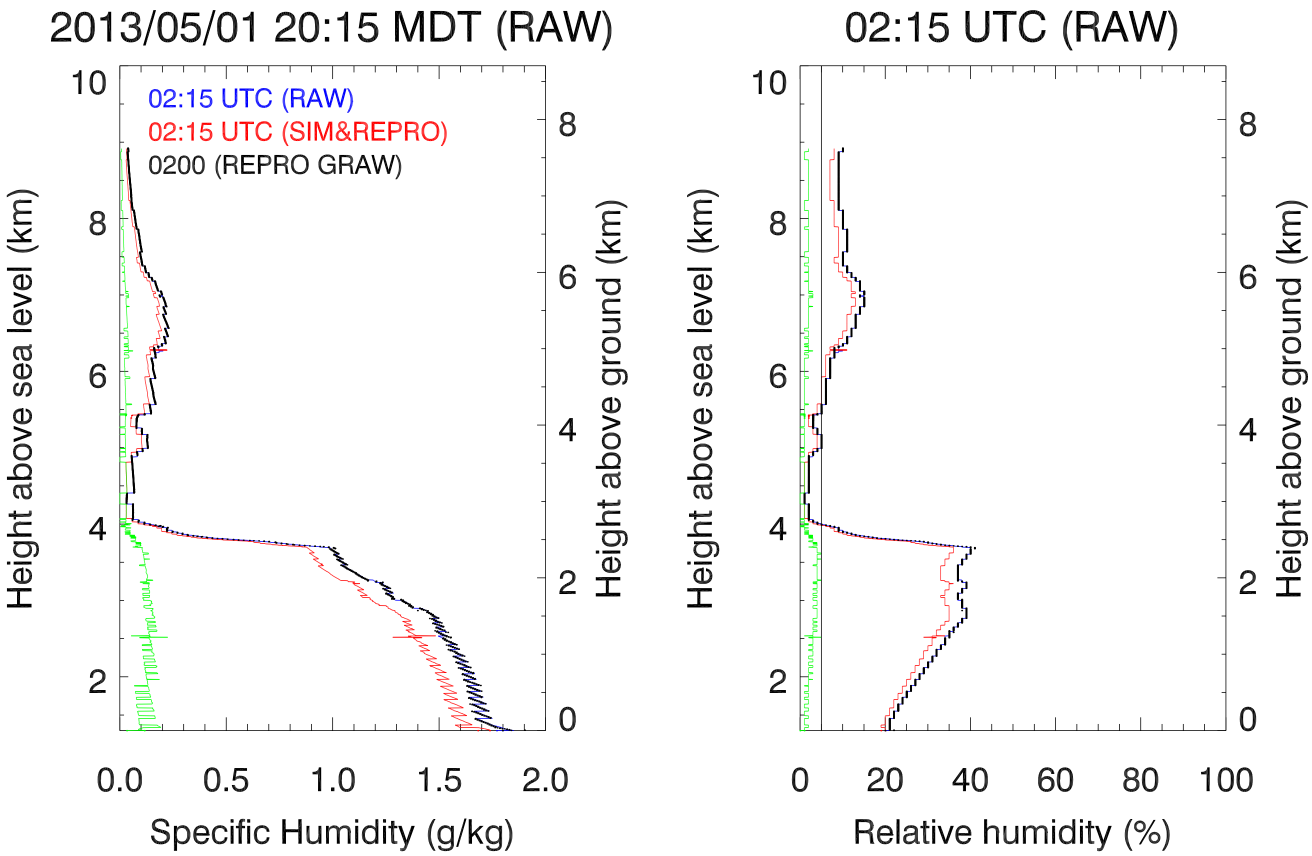

2013/05/01 17:21 MDT (RAW)
23:21 UTC (RAW)
23:21 UTC (SIM&REPRO)
2300 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
Temperature (°C)
-80
-60
-40
-20
0
20
23:21 UTC (RAW)
Relative humidity (%)
0
10
20
30
40
MATERHORN-SPRING IOP01
Wind speed (m/s)
0
10
20
30
40
EFS-PLAYA (QC vs v0)
Wind direction (°)
0
90
180
270
360
2
4
6
8
10
0
2
4
6
8

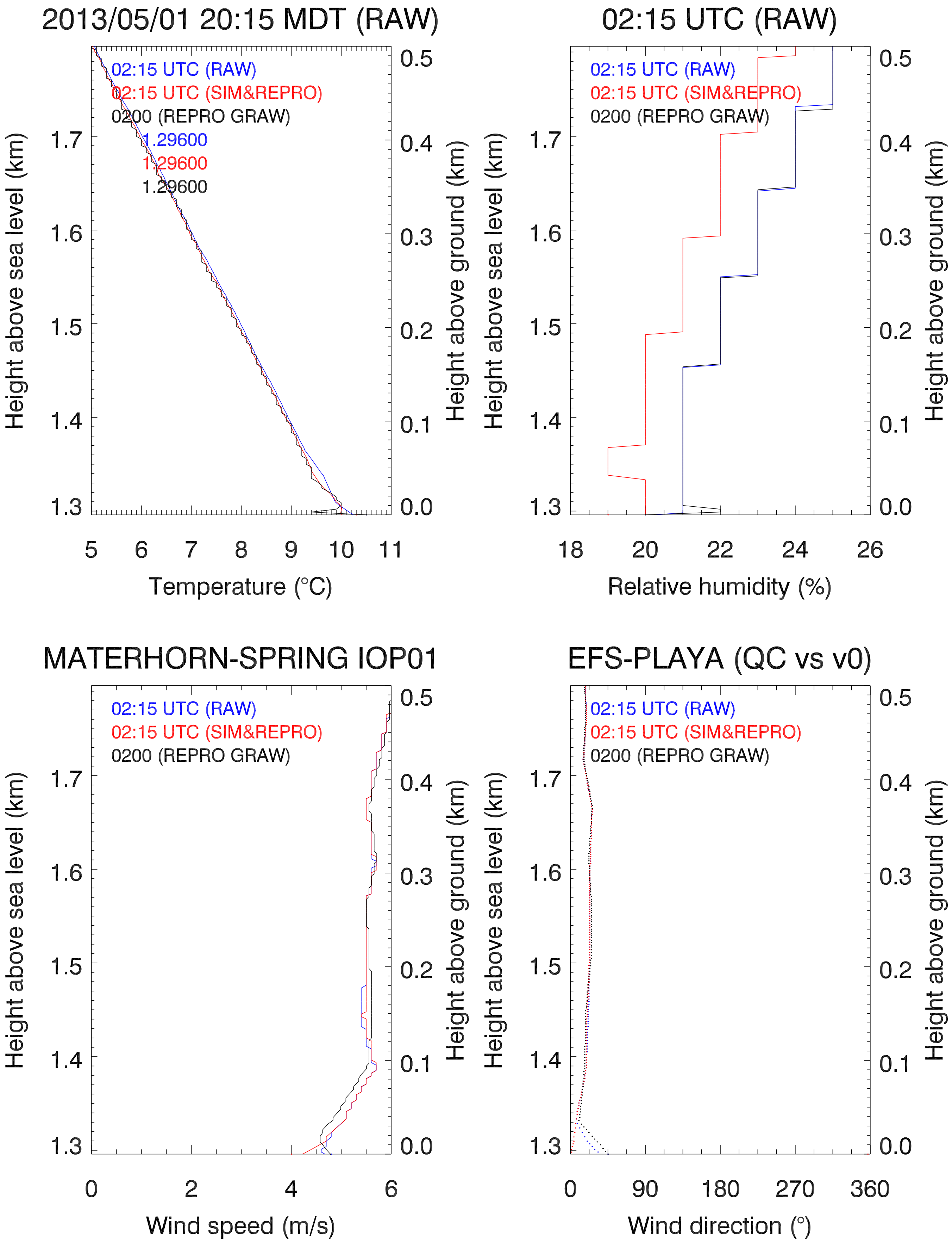

2013/05/01 17:21 MDT (RAW)
23:21 UTC (RAW)
23:21 UTC (SIM&REPRO)
2300 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
Specific Humidity (g/kg)
0.0
0.5
1.0
1.5
2.0
2
4
6
8
10
0
2
4
6
8
23:21 UTC (RAW)
Height above sea level (km)
Height above ground (km)
Relative humidity (%)
0
20
40
60
80
100

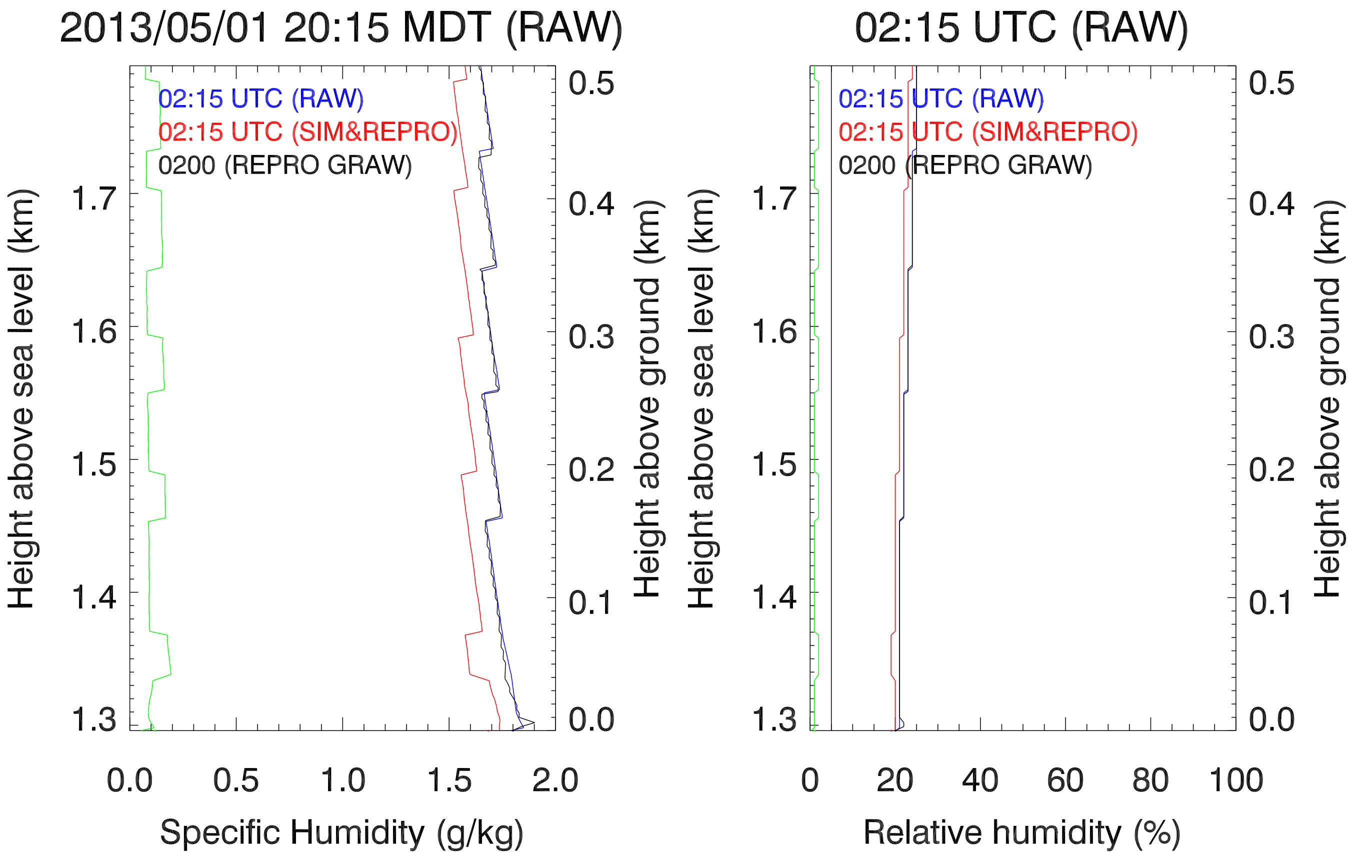

2013/05/01 17:21 MDT (RAW)
23:21 UTC (RAW)
MATERHORN-SPRING IOP01
EFS-PLAYA (QC vs v0)
23:21 UTC (RAW)
23:21 UTC (SIM&REPRO)
2300 (REPRO GRAW)
1.29600
1.29600
1.29600
Height above sea level (km)
Height above ground (km)
1.3
1.4
1.5
1.6
1.7
0.0
0.1
0.2
0.3
0.4
0.5
Temperature (°C)
4
6
8
10
12
Relative humidity (%)
16
18
20
22
24
Wind speed (m/s)
0
2
4
6
8
Wind direction (°)
0
90
180
270
360

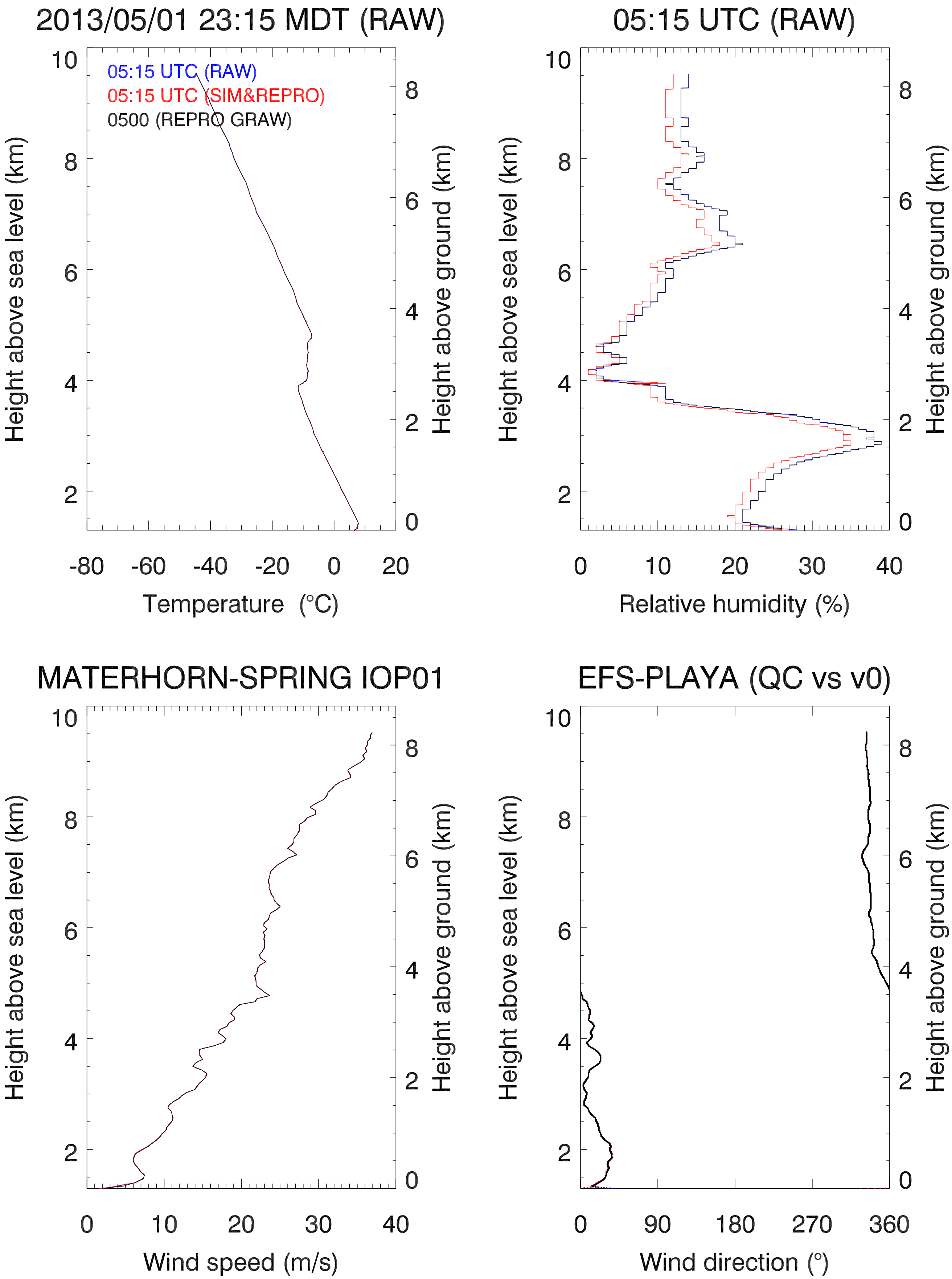

2013/05/01 17:21 MDT (RAW)
23:21 UTC (RAW)
23:21 UTC (RAW)
23:21 UTC (SIM&REPRO)
2300 (REPRO GRAW)
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.5
1.0
1.5
2.0
Specific Humidity (g/kg)
23:21 UTC (RAW)
23:21 UTC (SIM&REPRO)
2300 (REPRO GRAW)
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
0
20
40
60
80
100
Relative humidity (%)

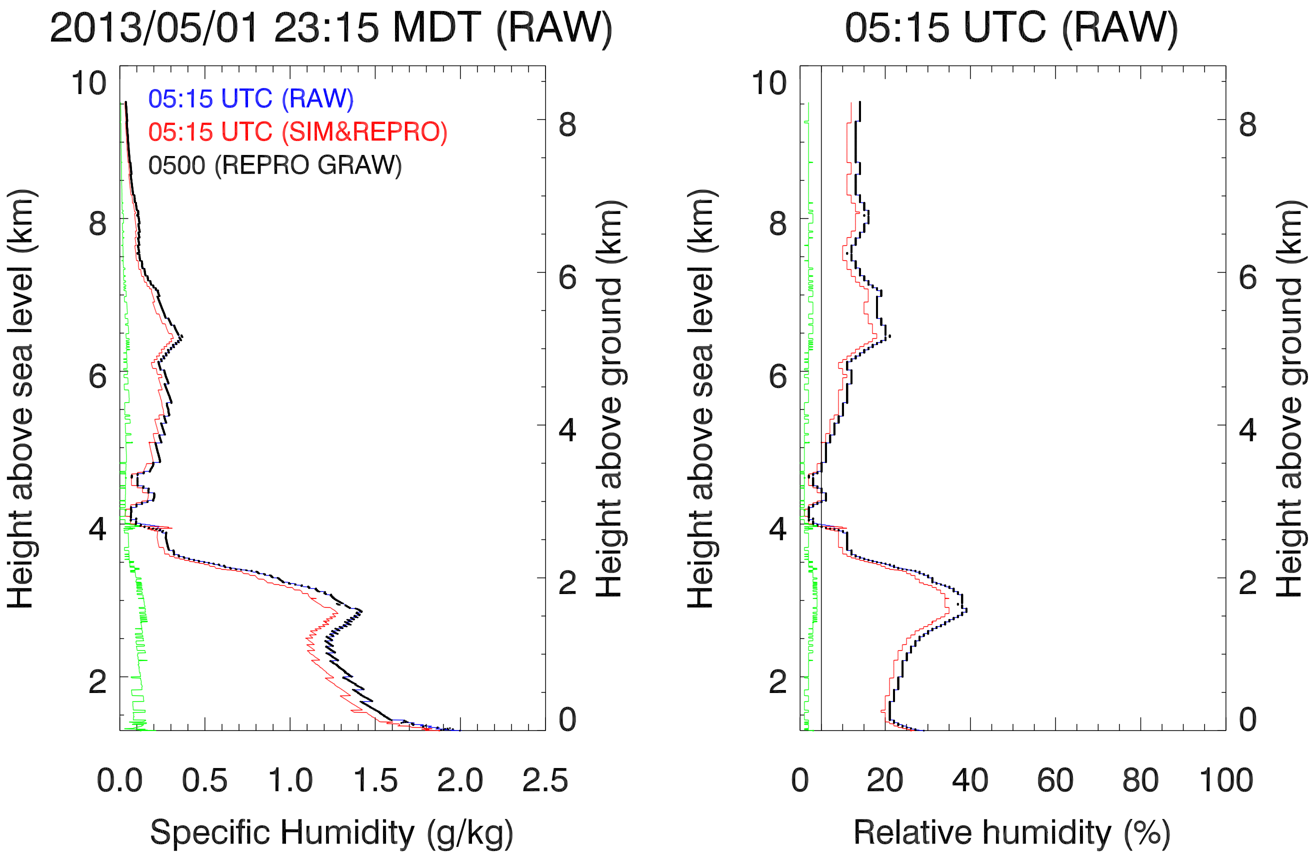

2013/05/01 20:15 MDT (RAW)
02:15 UTC (RAW)
02:15 UTC (SIM&REPRO)
0200 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
Temperature (°C)
-80
-60
-40
-20
0
20
02:15 UTC (RAW)
Relative humidity (%)
0
10
20
30
40
MATERHORN-SPRING IOP01
Wind speed (m/s)
EFS-PLAYA (QC vs v0)
Wind direction (°)
0
90
180
270
360
10
8
6
4
2

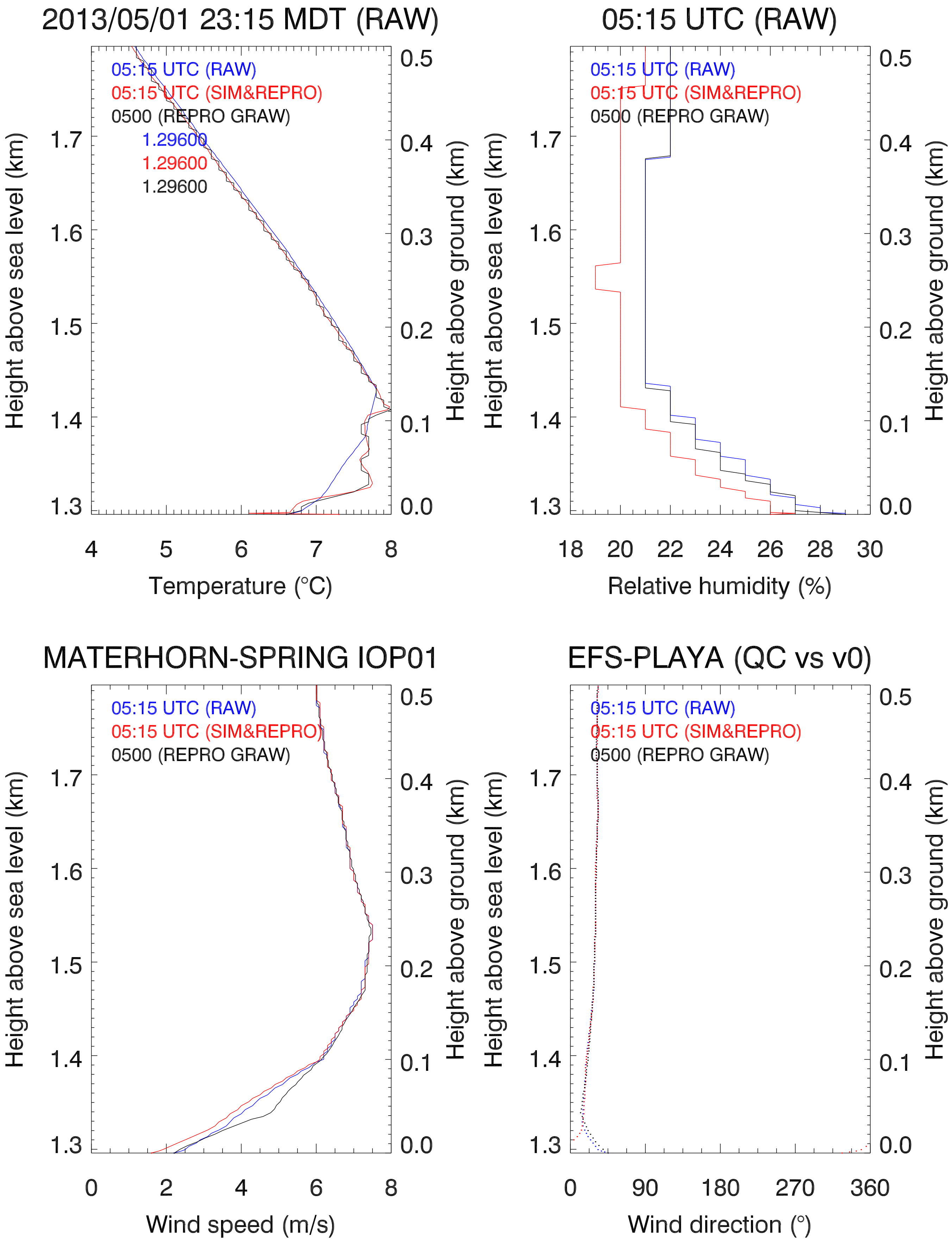

2013/05/01 20:15 MDT (RAW)
02:15 UTC (RAW)
02:15 UTC (RAW)
02:15 UTC (SIM&REPRO)
0200 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
Specific Humidity (g/kg)
Relative humidity (%)
0.0
0.5
1.0
1.5
2.0
0
20
40
60
80
100
2
4
6
8
10
0
2
4
6
8

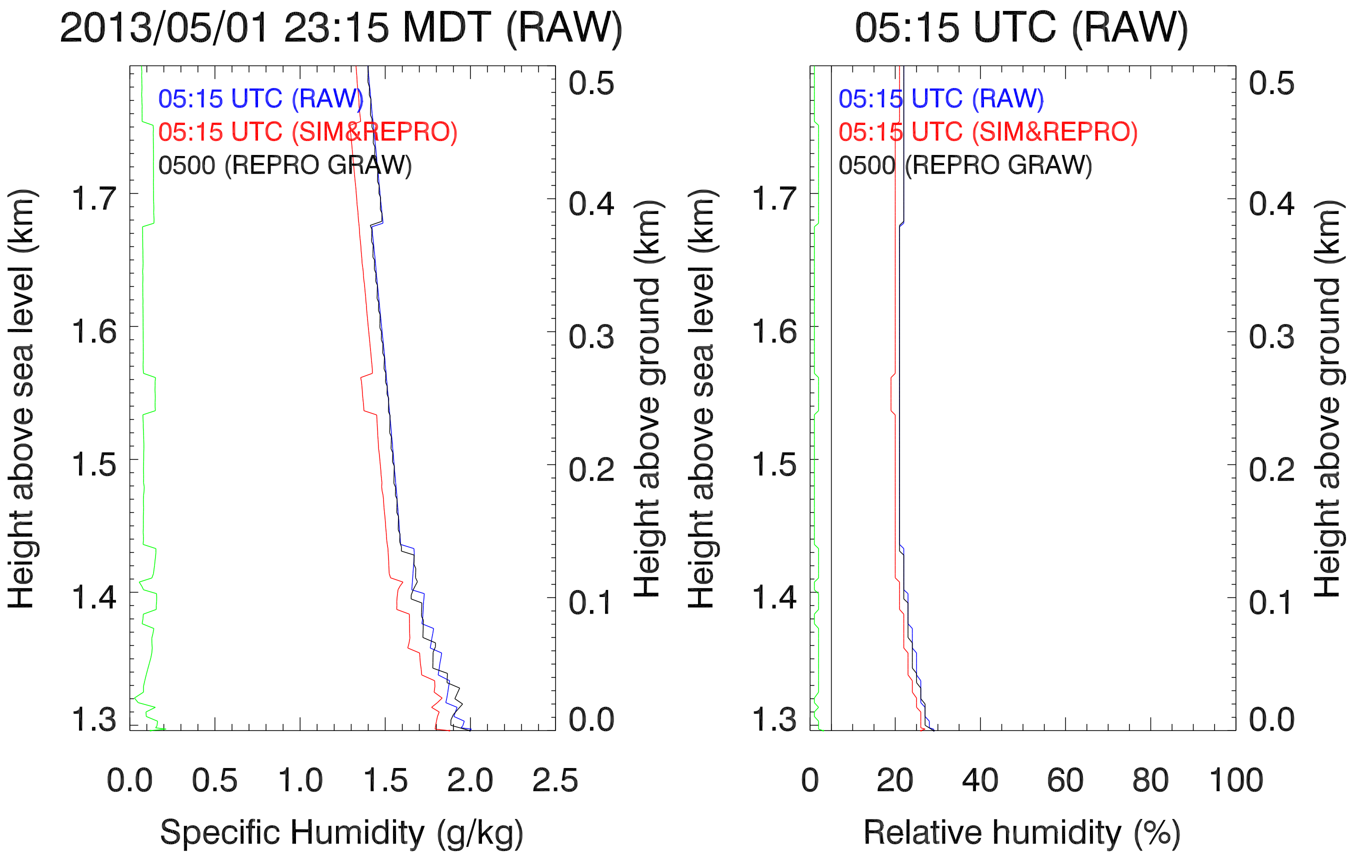

2013/05/01 20:15 MDT (RAW)
02:15 UTC (RAW)
MATERHORN-SPRING IOP01
EFS-PLAYA (QC vs v0)
02:15 UTC (RAW)
02:15 UTC (SIM&REPRO)
0200 (REPRO GRAW)
1.29600
1.29600
1.29600
Height above sea level (km)
Height above ground (km)
1.3
1.4
1.5
1.6
1.7
0.0
0.1
0.2
0.3
0.4
0.5
Temperature (°C)
5
6
7
8
9
10
11
Relative humidity (%)
18
20
22
24
26
Wind speed (m/s)
0
2
4
6
Wind direction (°)
0
90
180
270
360

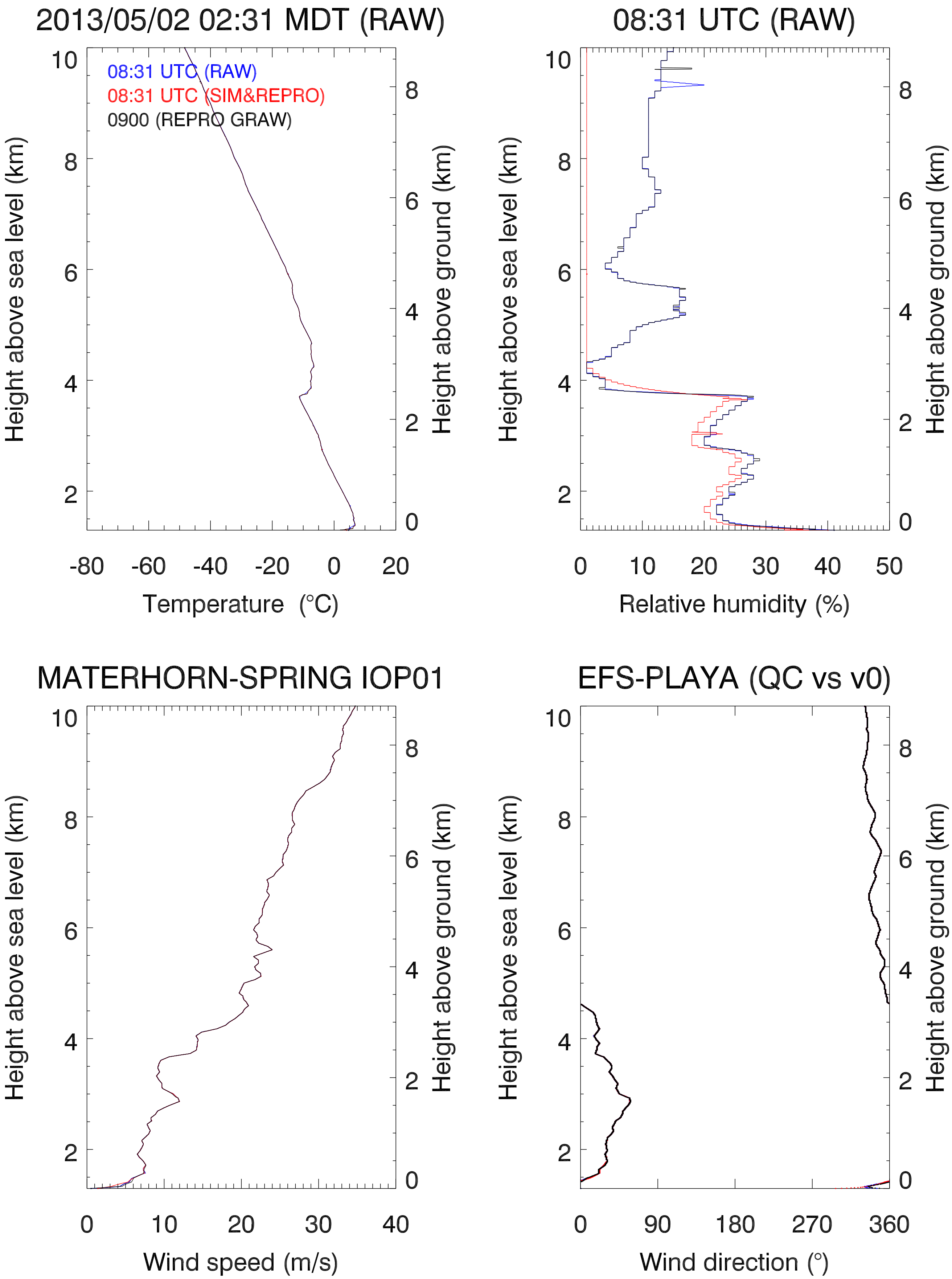

2013/05/01 20:15 MDT (RAW)
02:15 UTC (RAW)
02:15 UTC (RAW)
02:15 UTC (SIM&REPRO)
0200 (REPRO GRAW)
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.5
1.0
1.5
2.0
Specific Humidity (g/kg)
02:15 UTC (RAW)
02:15 UTC (SIM&REPRO)
0200 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
0
20
40
60
80
100
Relative humidity (%)

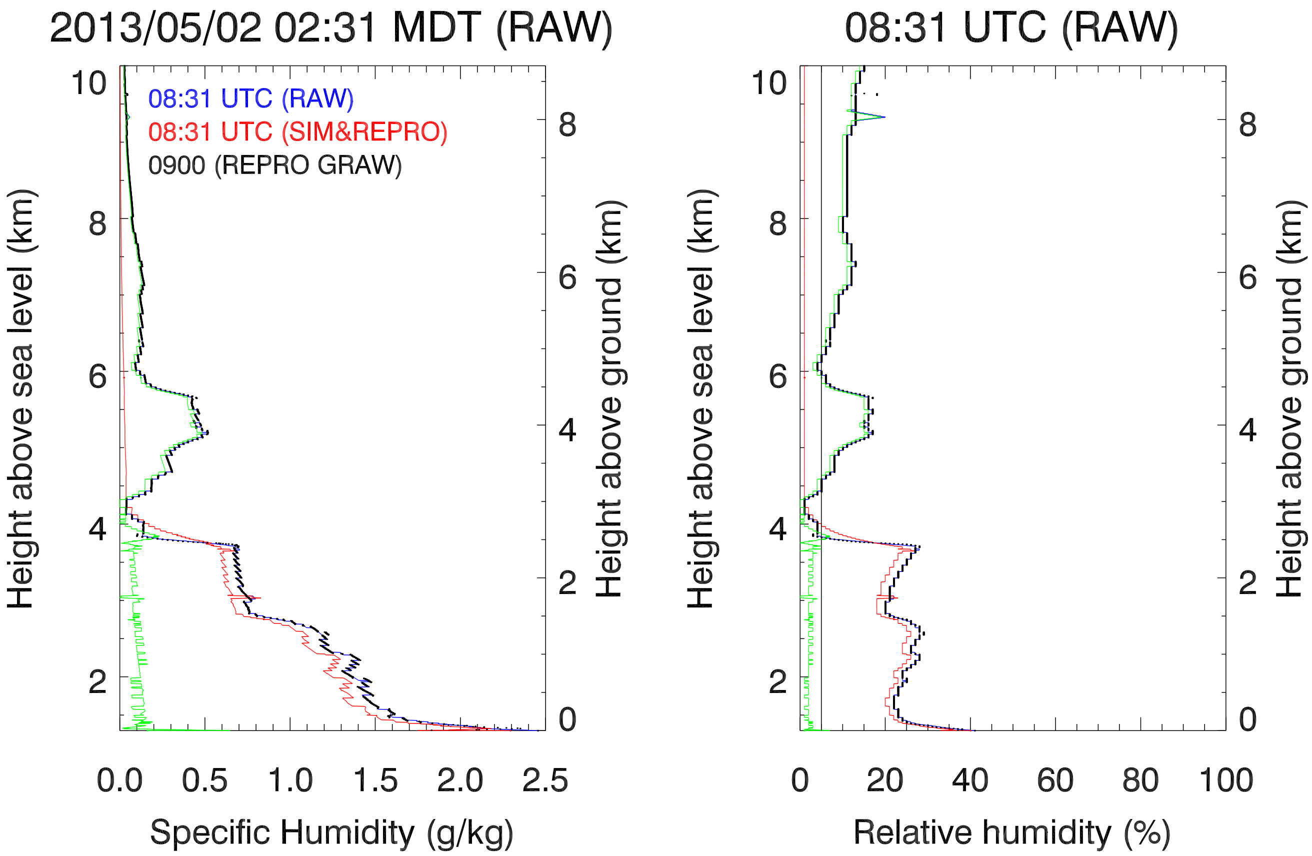

2013/05/01 23:15 MDT (RAW)
05:15 UTC (RAW)
05:15 UTC (SIM&REPRO)
0500 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
Temperature (°C)
-80
-60
-40
-20
0
20
05:15 UTC (RAW)
Relative humidity (%)
0
10
20
30
40
MATERHORN-SPRING IOP01
Wind speed (m/s)
0
10
20
30
40
EFS-PLAYA (QC vs v0)
Wind direction (°)
0
90
180
270
360
10
8
6
4
2
0


2013/05/01 23:15 MDT (RAW)
05:15 UTC (RAW)
05:15 UTC (RAW)
05:15 UTC (SIM&REPRO)
0500 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
Specific Humidity (g/kg)
0.0
0.5
1.0
1.5
2.0
2.5
2
4
6
8
10
0
2
4
6
8
Relative humidity (%)
0
20
40
60
80
100


2013/05/01 23:15 MDT (RAW)
05:15 UTC (RAW)
MATERHORN-SPRING IOP01
EFS-PLAYA (QC vs v0)
05:15 UTC (RAW)
05:15 UTC (SIM&REPRO)
0500 (REPRO GRAW)
1.29600
1.29600
1.29600
Height above sea level (km)
Height above ground (km)
1.3
1.4
1.5
1.6
1.7
0.0
0.1
0.2
0.3
0.4
0.5
Temperature (°C)
4
5
6
7
8
Relative humidity (%)
18
20
22
24
26
28
30
Wind speed (m/s)
0
2
4
6
8
Wind direction (°)
0
90
180
270
360

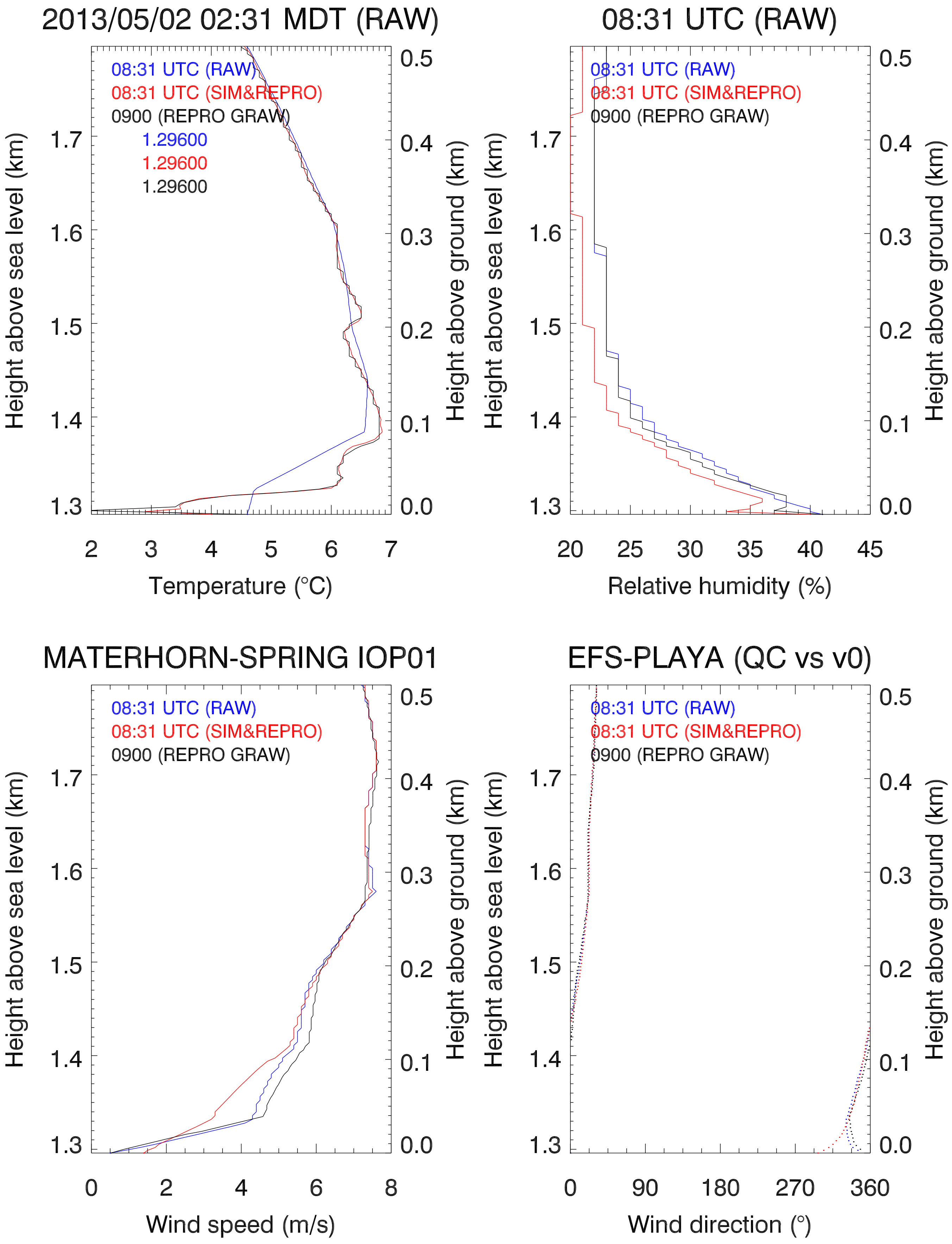

2013/05/01 23:15 MDT (RAW)
05:15 UTC (RAW)
05:15 UTC (SIM&REPRO)
0500 (REPRO GRAW)
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.5
1.0
1.5
2.0
2.5
Specific Humidity (g/kg)
05:15 UTC (RAW)
05:15 UTC (RAW)
05:15 UTC (SIM&REPRO)
0500 (REPRO GRAW)
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
0
20
40
60
80
100
Relative humidity (%)

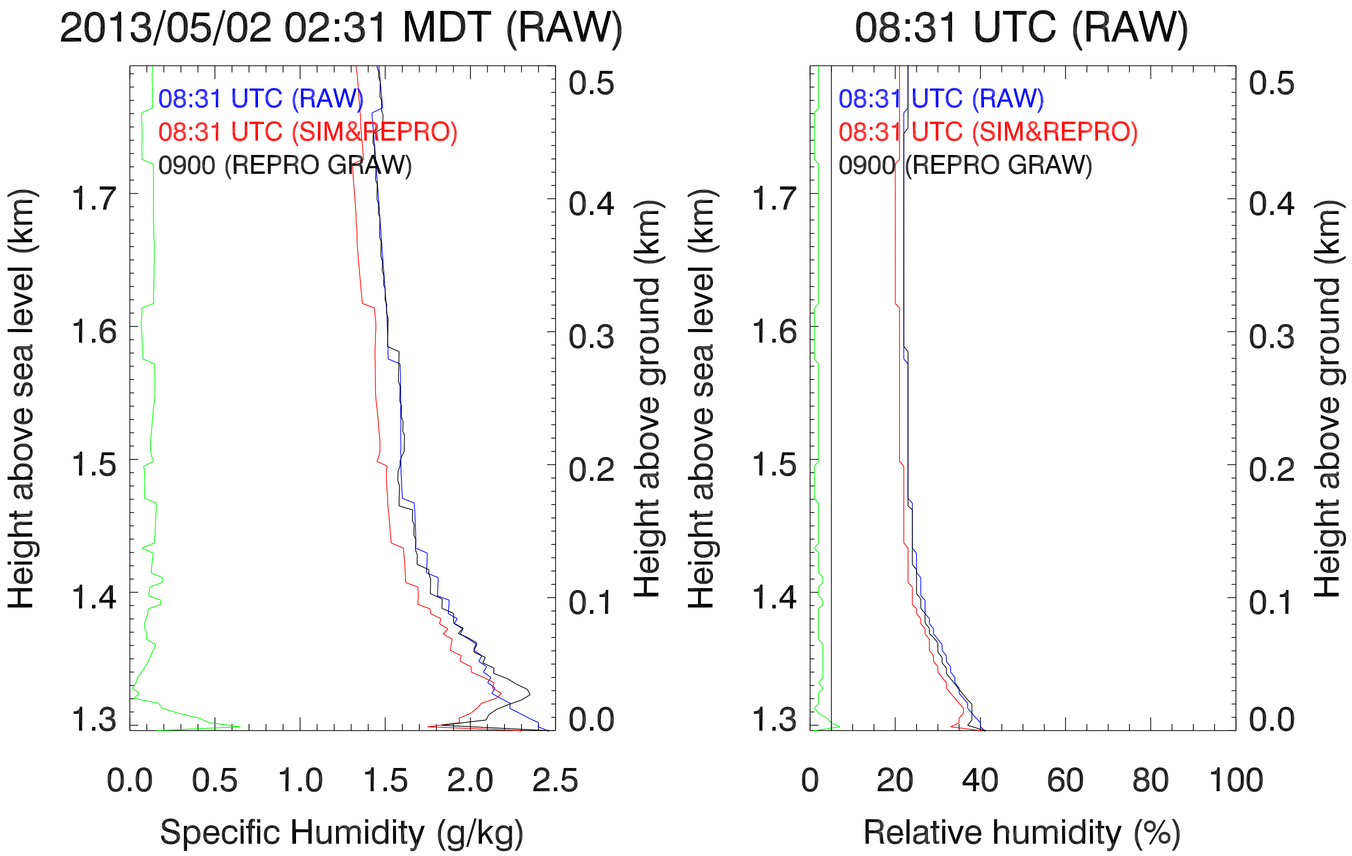

2013/05/02 02:31 MDT (RAW)
08:31 UTC (RAW)
MATERHORN-SPRING IOP01
EFS-PLAYA (QC vs v0)
08:31 UTC (RAW)
08:31 UTC (SIM&REPRO)
0900 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
Temperature (°C)
Relative humidity (%)
Wind speed (m/s)
Wind direction (°)
10
8
6
4
2
0
-80
-60
-40
-20
0
20
10
20
30
40
50
90
180
270
360

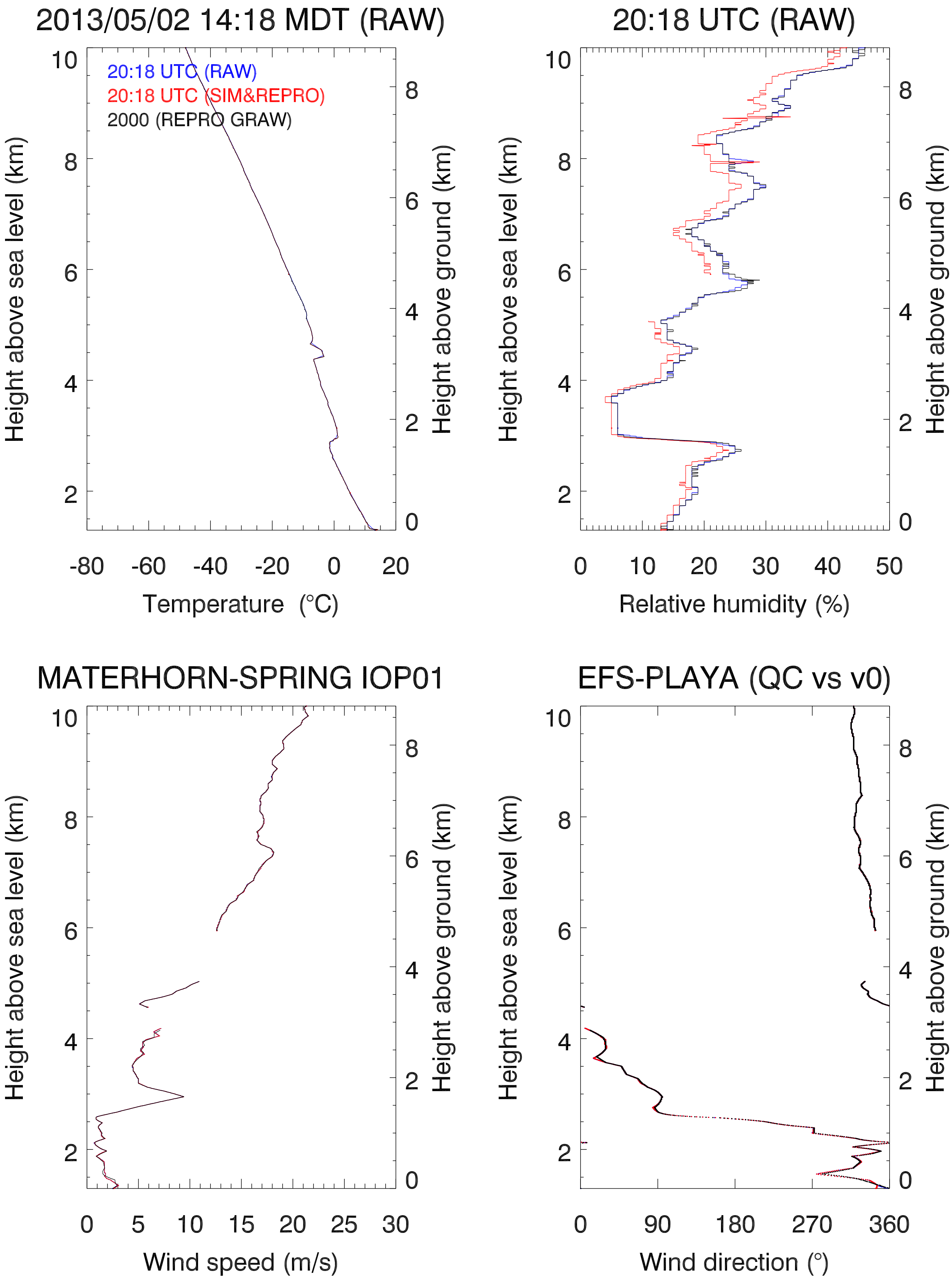


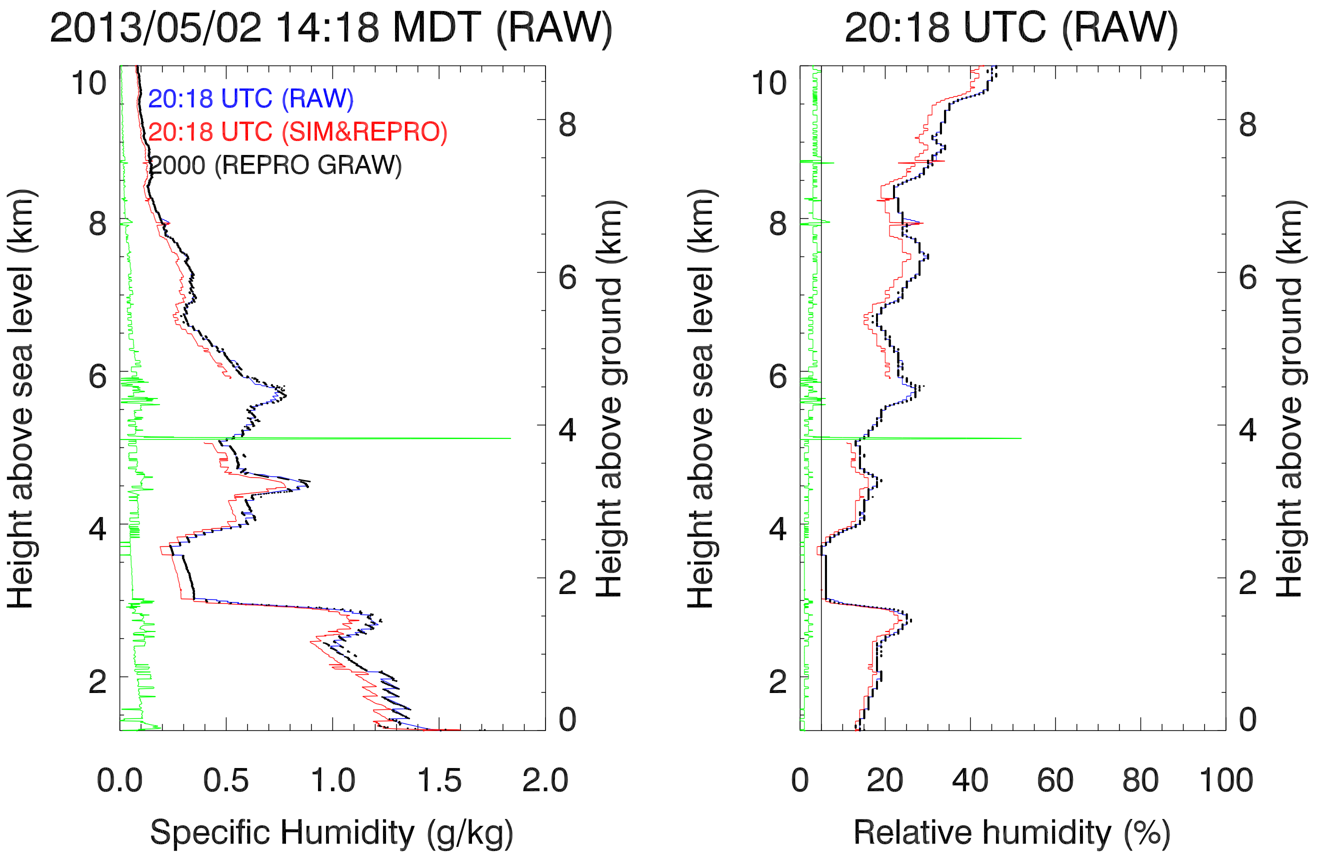
2013/05/02 02:31 MDT (RAW)

08:31 UTC (RAW)


2013/05/02 02:31 MDT (RAW)
08:31 UTC (RAW)
MATERHORN-SPRING IOP01
EFS-PLAYA (QC vs v0)
08:31 UTC (RAW)
08:31 UTC (SIM&REPRO)
0900 (REPRO GRAW)
1.29600
1.29600
1.29600
Height above sea level (km)
Height above ground (km)
1.3
1.4
1.5
1.6
1.7
0.0
0.1
0.2
0.3
0.4
0.5
2
3
4
5
6
7
Temperature (°C)
20
25
30
35
40
45
Relative humidity (%)
0
2
4
6
8
Wind speed (m/s)
0
90
180
270
360
Wind direction (°)

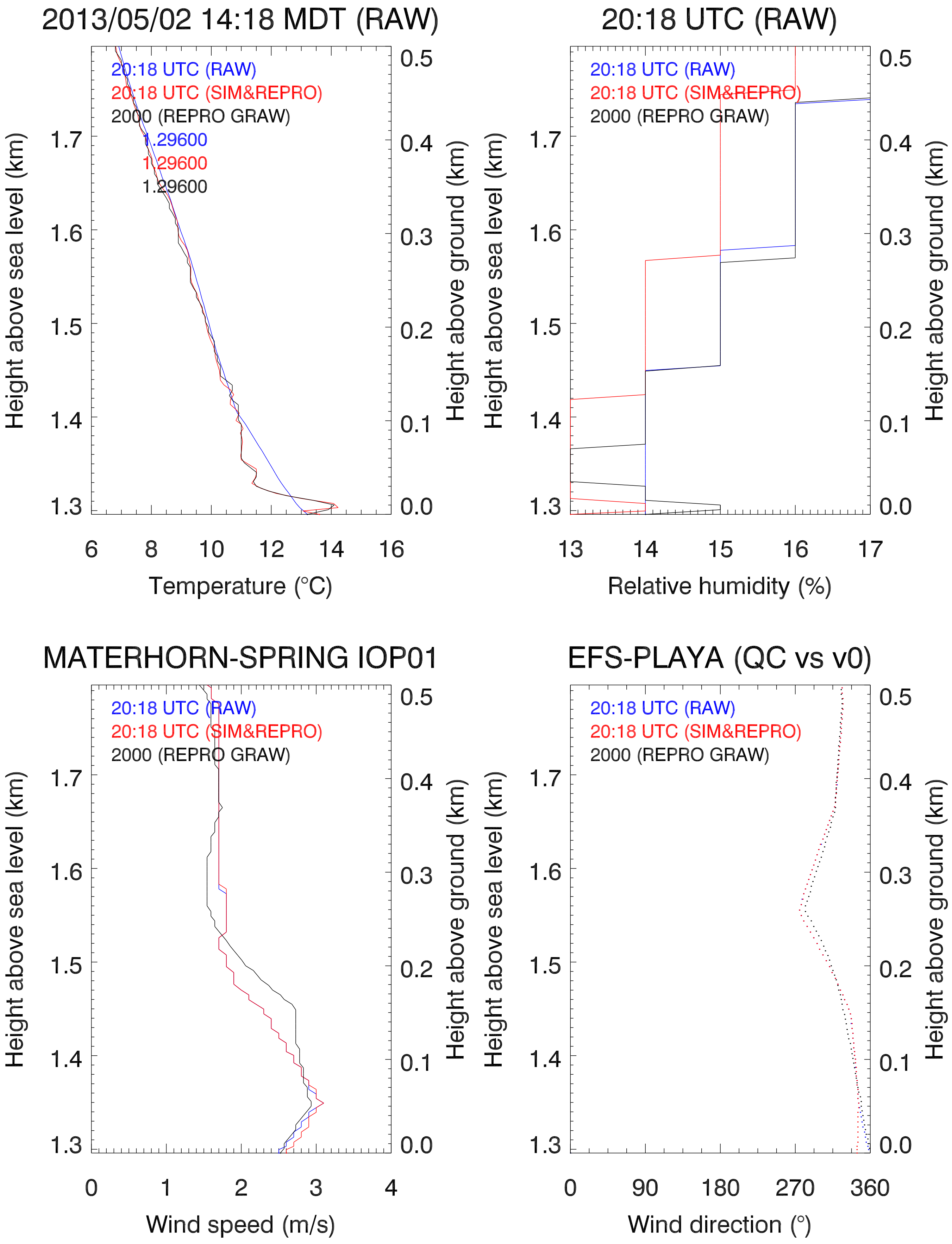

2013/05/02 02:31 MDT (RAW)
08:31 UTC (RAW)
08:31 UTC (SIM&REPRO)
0900 (REPRO GRAW)
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.5
1.0
1.5
2.0
2.5
Specific Humidity (g/kg)
08:31 UTC (RAW)
08:31 UTC (RAW)
08:31 UTC (SIM&REPRO)
0900 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
0
20
40
60
80
100
Relative humidity (%)

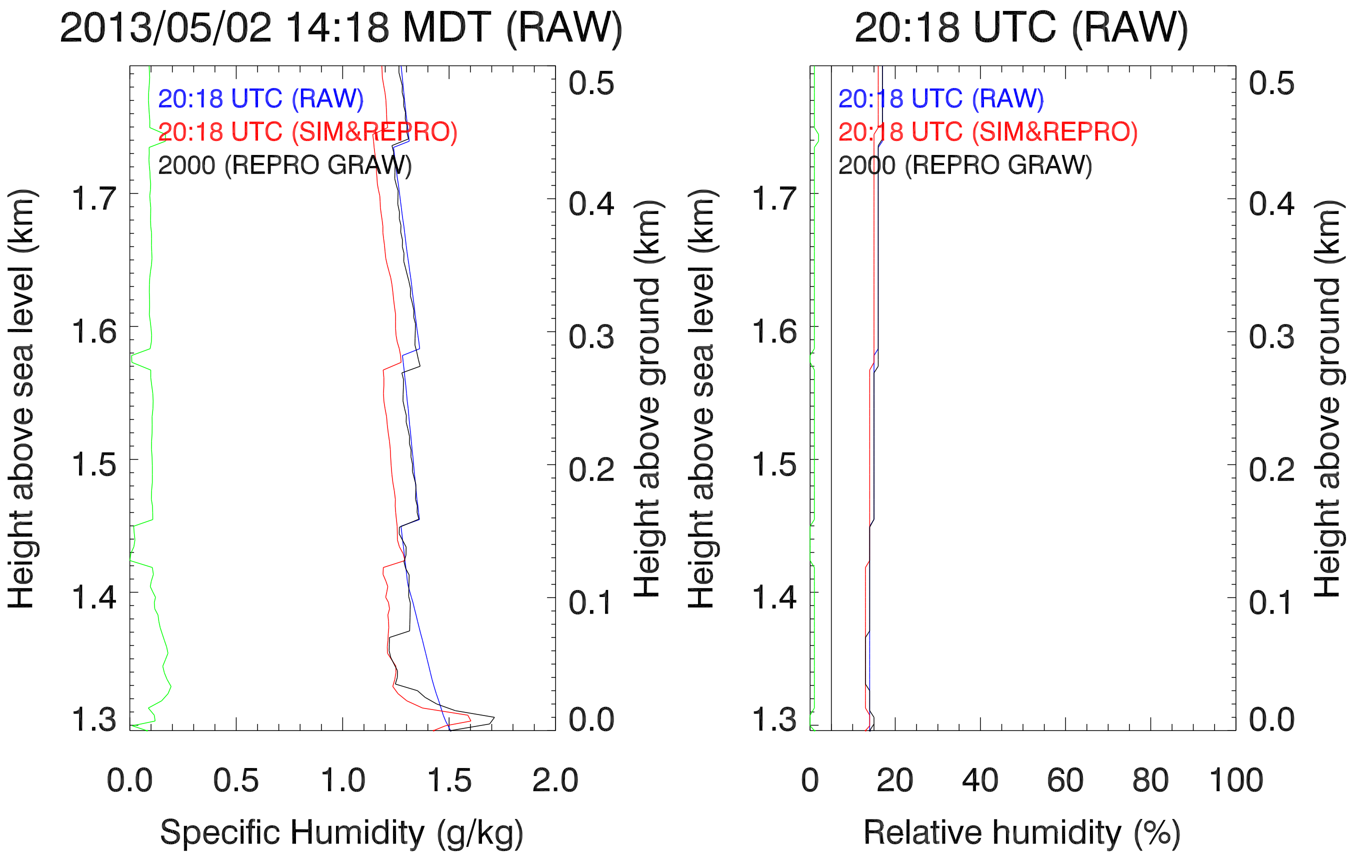

2013/05/02 14:18 MDT (RAW)
20:18 UTC (RAW)
20:18 UTC (RAW)
20:18 UTC (SIM&REPRO)
2000 (REPRO GRAW)
Height above sea level (km)
Height above ground (km)
Temperature (°C)
-80
-60
-40
-20
0
20
Relative humidity (%)
0
10
20
30
40
50
MATERHORN-SPRING IOP01
EFS-PLAYA (QC vs v0)
Wind speed (m/s)
0
5
10
15
20
25
30
Wind direction (°)
0
90
180
270
360
2
4
6
8
10



2013/05/02 14:18 MDT (RAW)

20:18 UTC (RAW)


2013/05/02 14:18 MDT (RAW)
20:18 UTC (RAW)
MATERHORN-SPRING IOP01
EFS-PLAYA (QC vs v0)
20:18 UTC (RAW)
20:18 UTC (SIM&REPRO)
2000 (REPRO GRAW)
1.29600
1.29600
1.29600
Height above sea level (km)
Height above ground (km)
1.3
1.4
1.5
1.6
1.7
0.0
0.1
0.2
0.3
0.4
0.5
Temperature (°C)
6
8
10
12
14
16
Relative humidity (%)
13
14
15
16
17
Wind speed (m/s)
0
1
2
3
4
Wind direction (°)
0
90
180
270
360


2013/05/02 14:18 MDT (RAW)
20:18 UTC (RAW)
20:18 UTC (RAW)
20:18 UTC (SIM&REPRO)
2000 (REPRO GRAW)
Height above sea level (km)
1.3
1.4
1.5
1.6
1.7
Height above ground (km)
0.0
0.1
0.2
0.3
0.4
0.5
0.0
0.5
1.0
1.5
2.0
Specific Humidity (g/kg)
0
20
40
60
80
100
Relative humidity (%)