Station GAW-Name: Monte Cimone
Station GAW-ID: CMN
Station latitude: 44.16667
Station longitude: 10.68333
Station altitude: 2165m
Station land use: Remote Park
Station setting: Mountain

Thermo + Teledyne lev0/lev1, O3, data met data

Instrument is a Teledyne But:
Instrument name: ThermoScientific_Tei42iTL_CMN
Method ref: IT06L_chem_photoly_Thermo42iTL
TC can process the data.

Station GAW-Name: Monte Cimone
Station GAW-ID: CMN
Station latitude: 44.16667
Station longitude: 10.68333
Station altitude: 2165m
Station land use: Remote Park
Station setting: Mountain

Thermo + Teledyne lev0/lev1, O3, data met data

Filename should be :
IT0009R.20230101000000.20240315145700.chemiluminescence_photolytic.NOx.air.1y.1mn.IT06L_ThermoScientific_Tei42iTL_CMN.IT06L_chem_photoly_Thermo42iTL.lev0.nas
Filename not ok !
Filename is:
IT0009R.20230101000000.20240315145700.chemiluminescence_photolytic.NOx.air.1y.1mn.IT06L_Thermo_42i-TL_CMN.lev0.nas

(e.g, Method Ref is missing)
TC can process the data ACTRIS DATA WS 2024/04/11

44.16667N 10.6833E

MTC Coordiantes

Erstellen Sie bitte eine Beschreibung für Ihre Karte.

Legende
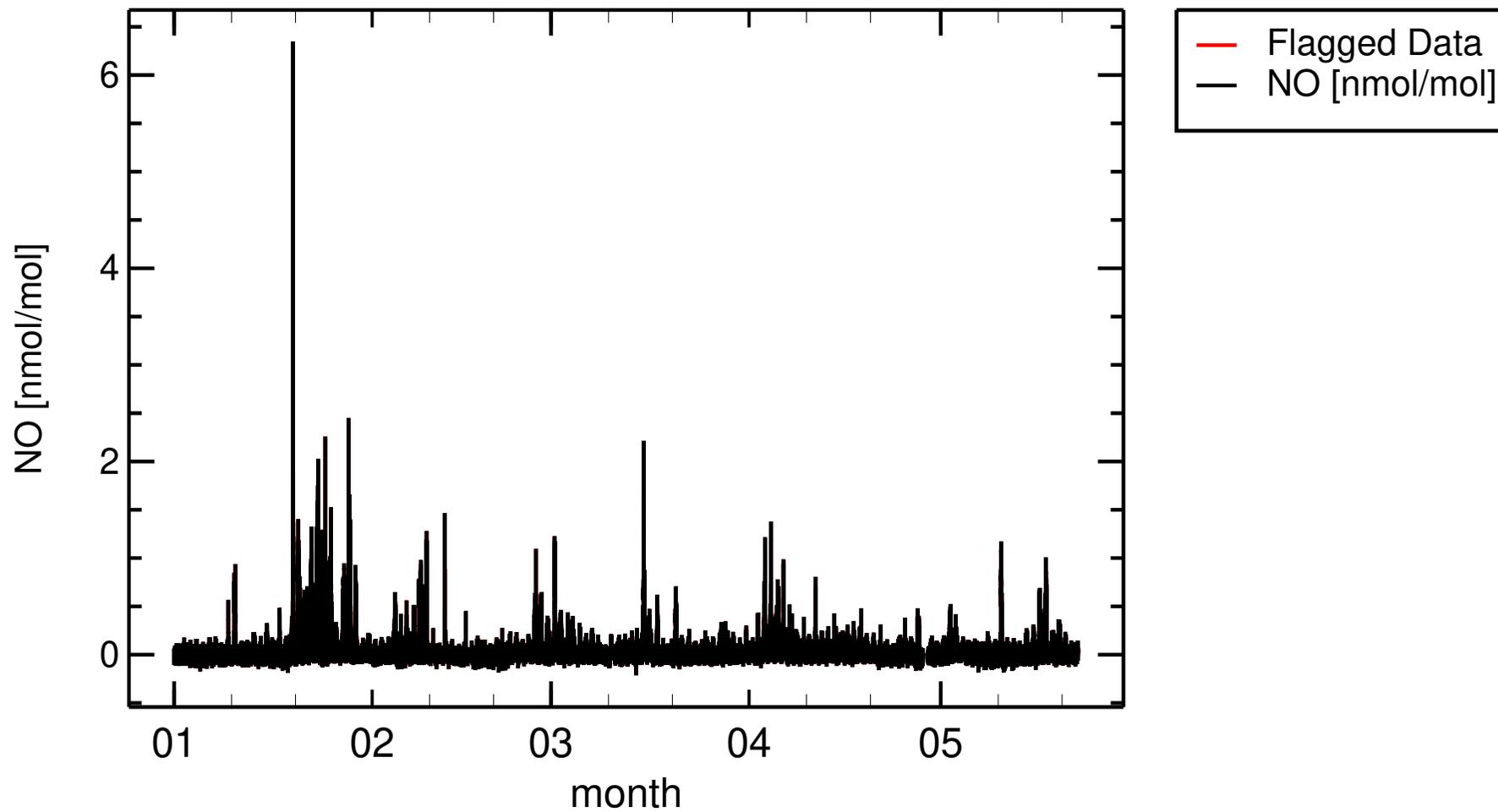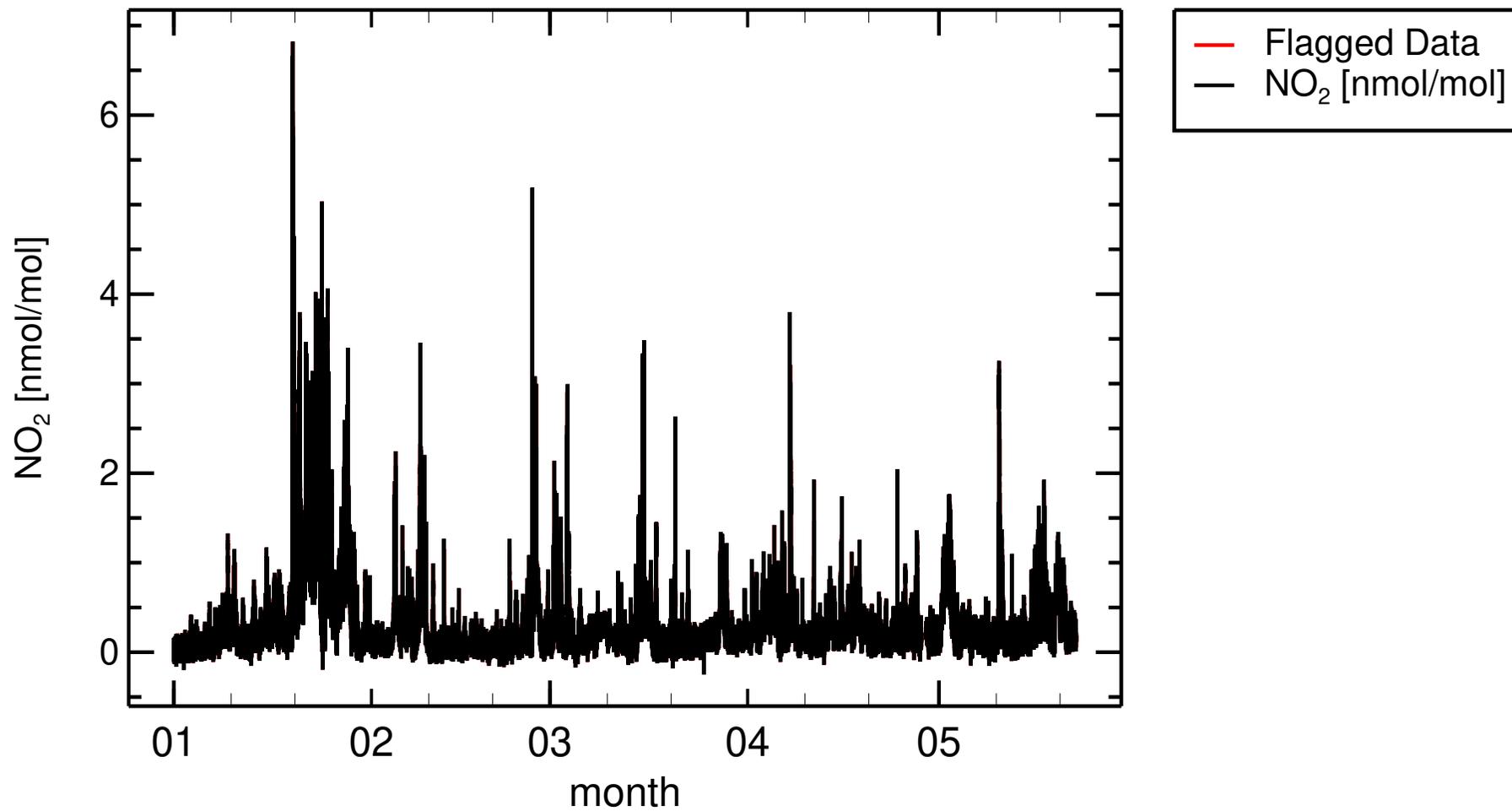- 44.193425, 10.700963
- Monte Cimone
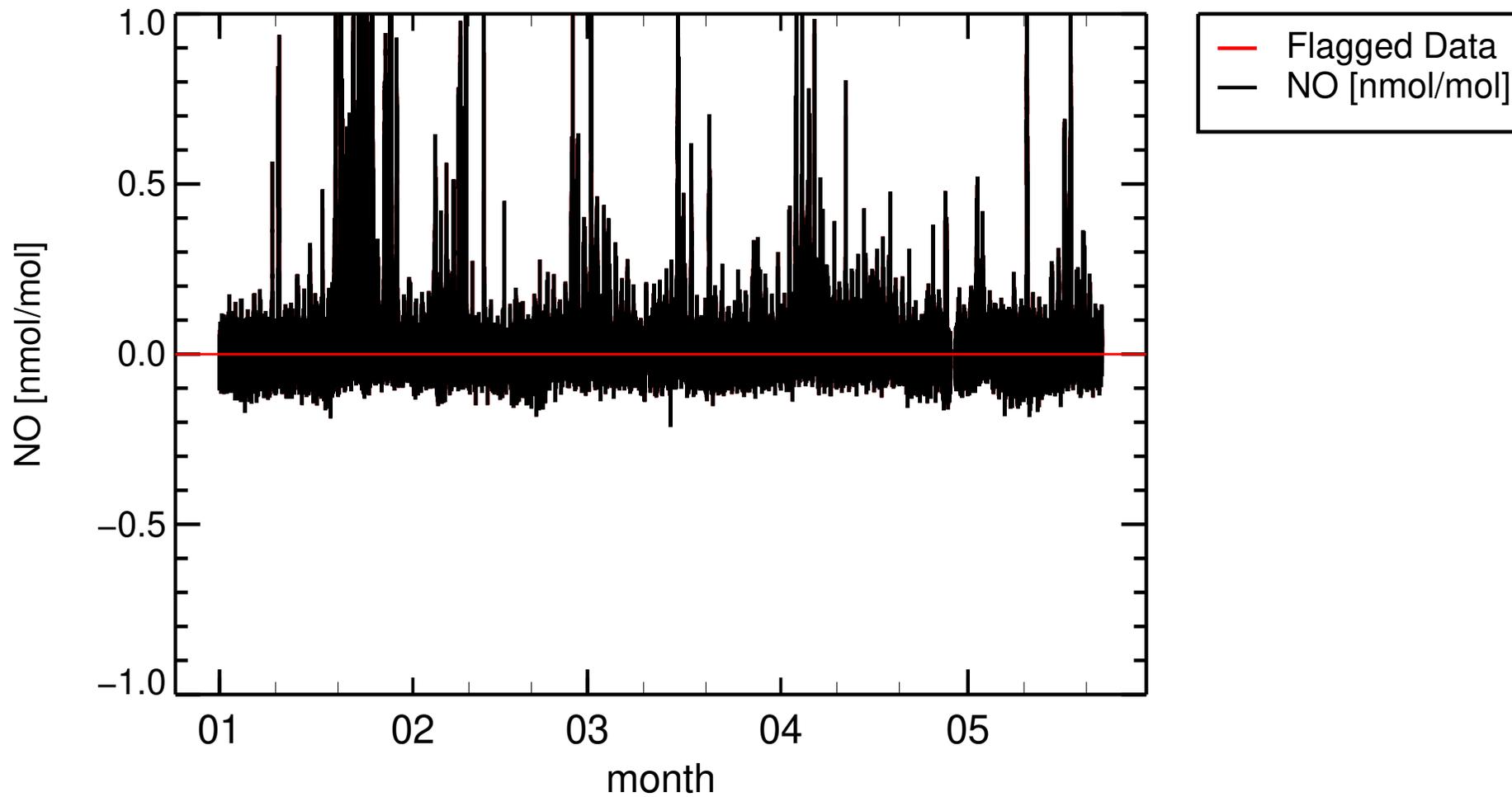
44.193425, 10.700963

2023

IT0009R , Monte Cimone

Legend:
- Flagged Data
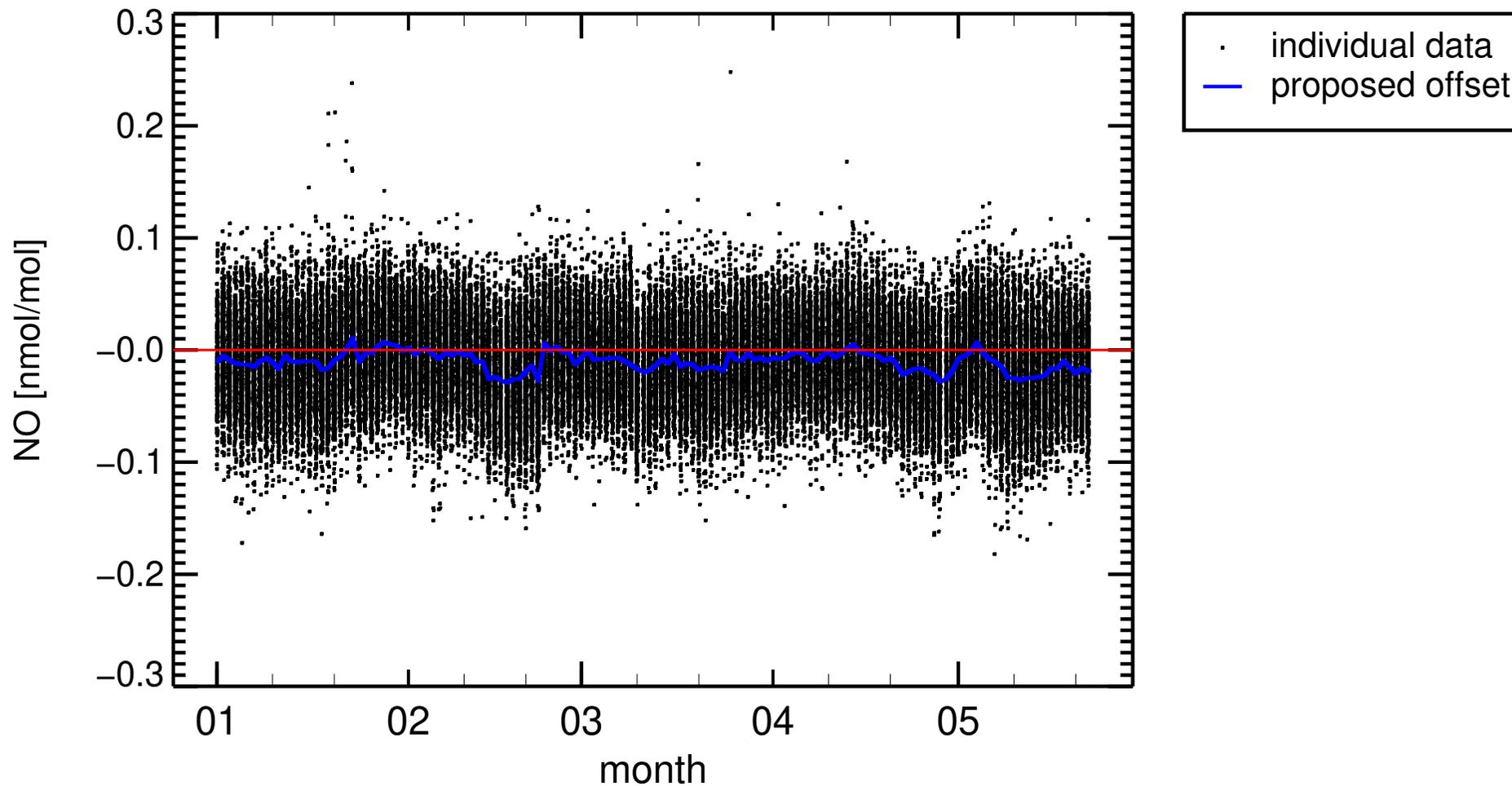- NO [nmol/mol]

Y-axis: NO [nmol/mol]

X-axis: month (01, 02, 03, 04, 05)

2023

IT0009R , Monte Cimone

2023

IT0009R , Monte Cimone

2023

IT0009R , Monte Cimone

2023 , 22:00–02:00 only

IT0009R , Monte Cimone

NO Stdev = 0.0367

2023 , 22:00−02:00 only

IT0009R , Monte Cimone (rev.)
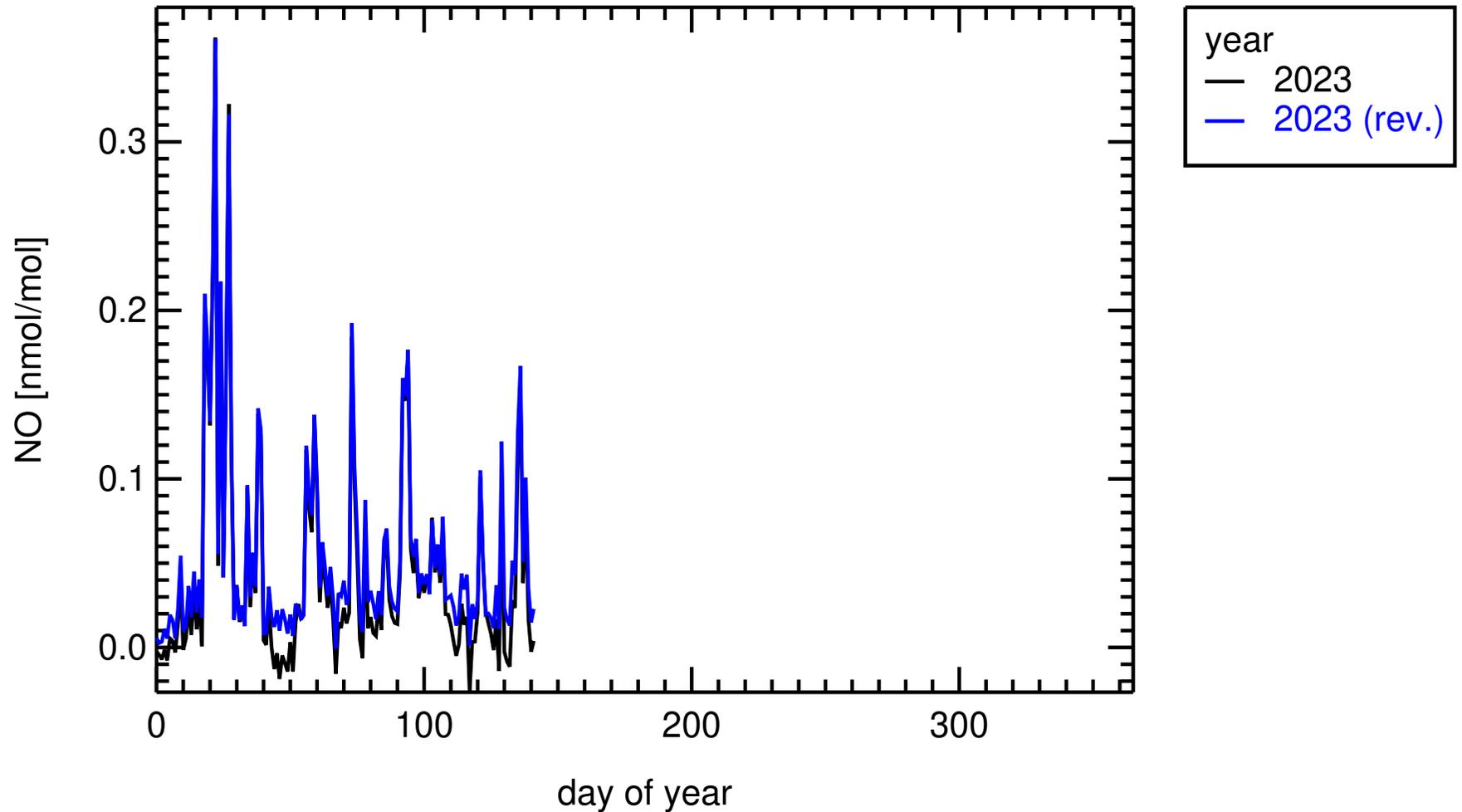
NO Stdev = 0.0357
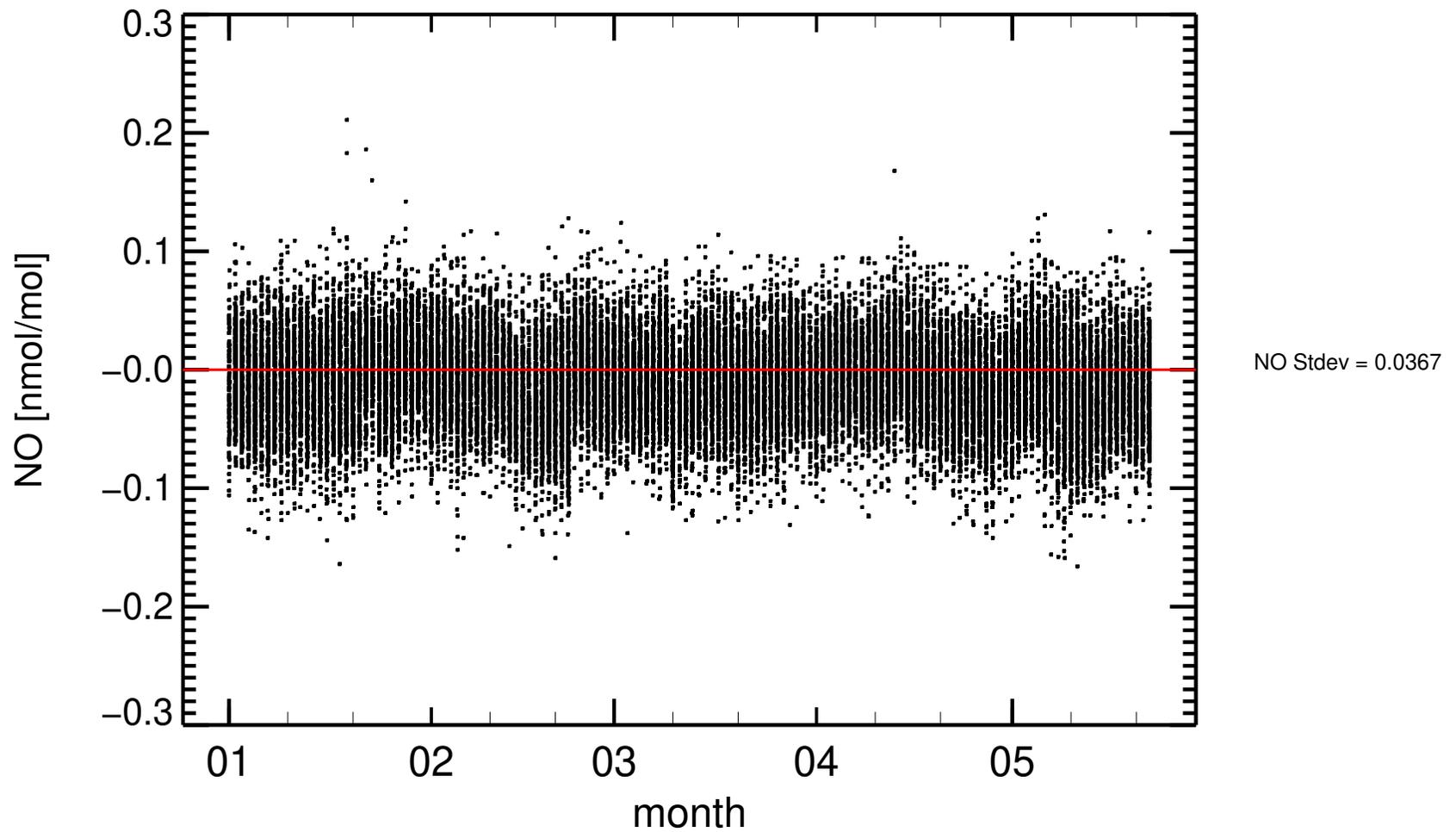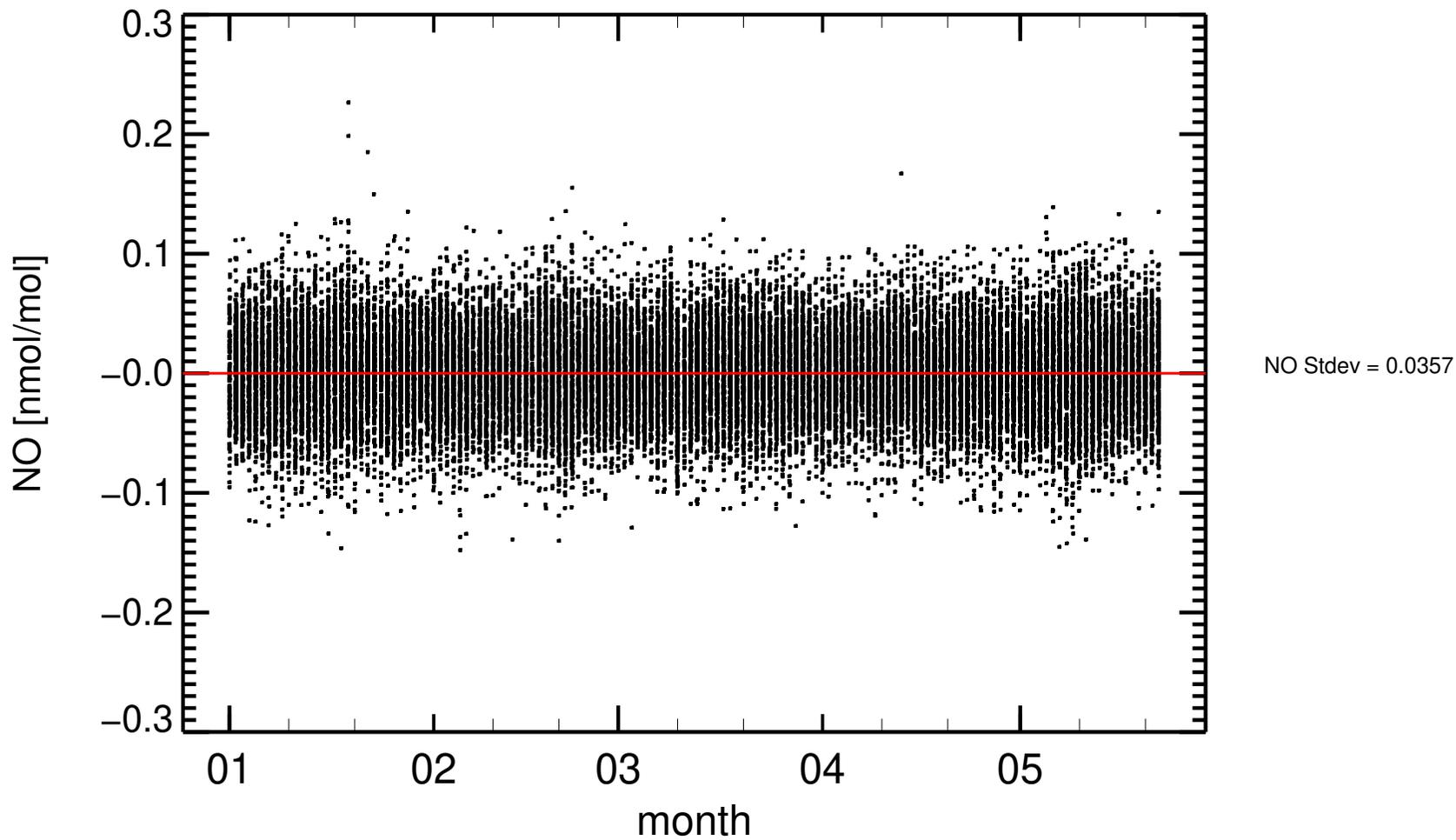
daily averages

IT0009R , Monte Cimone
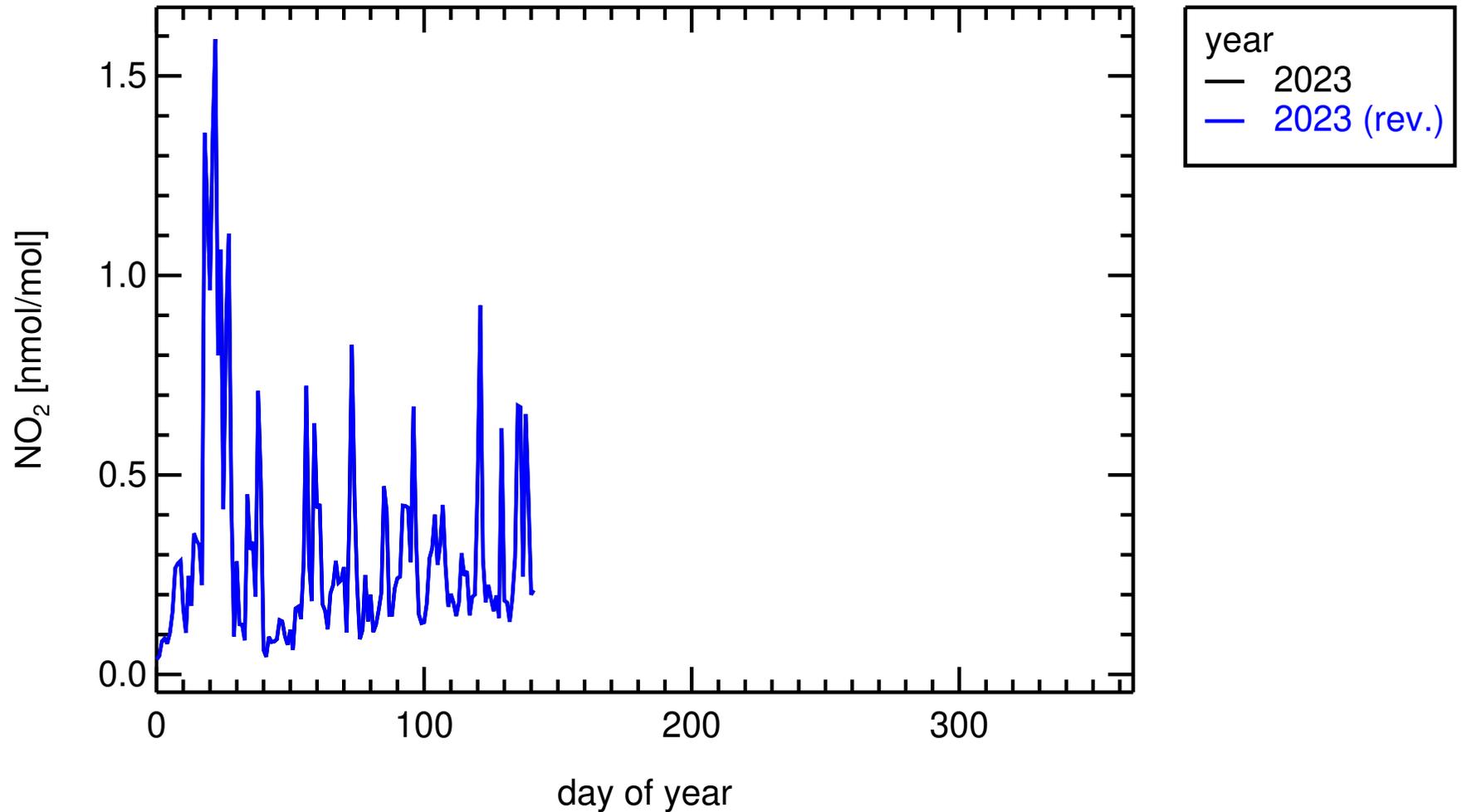
xide, nmol/mol, Calibration scale = NPL+GPT, Detection limit = 0.0736 nmol/mol MEAN = NaN nmol/mol
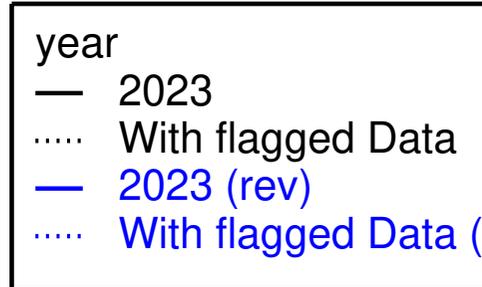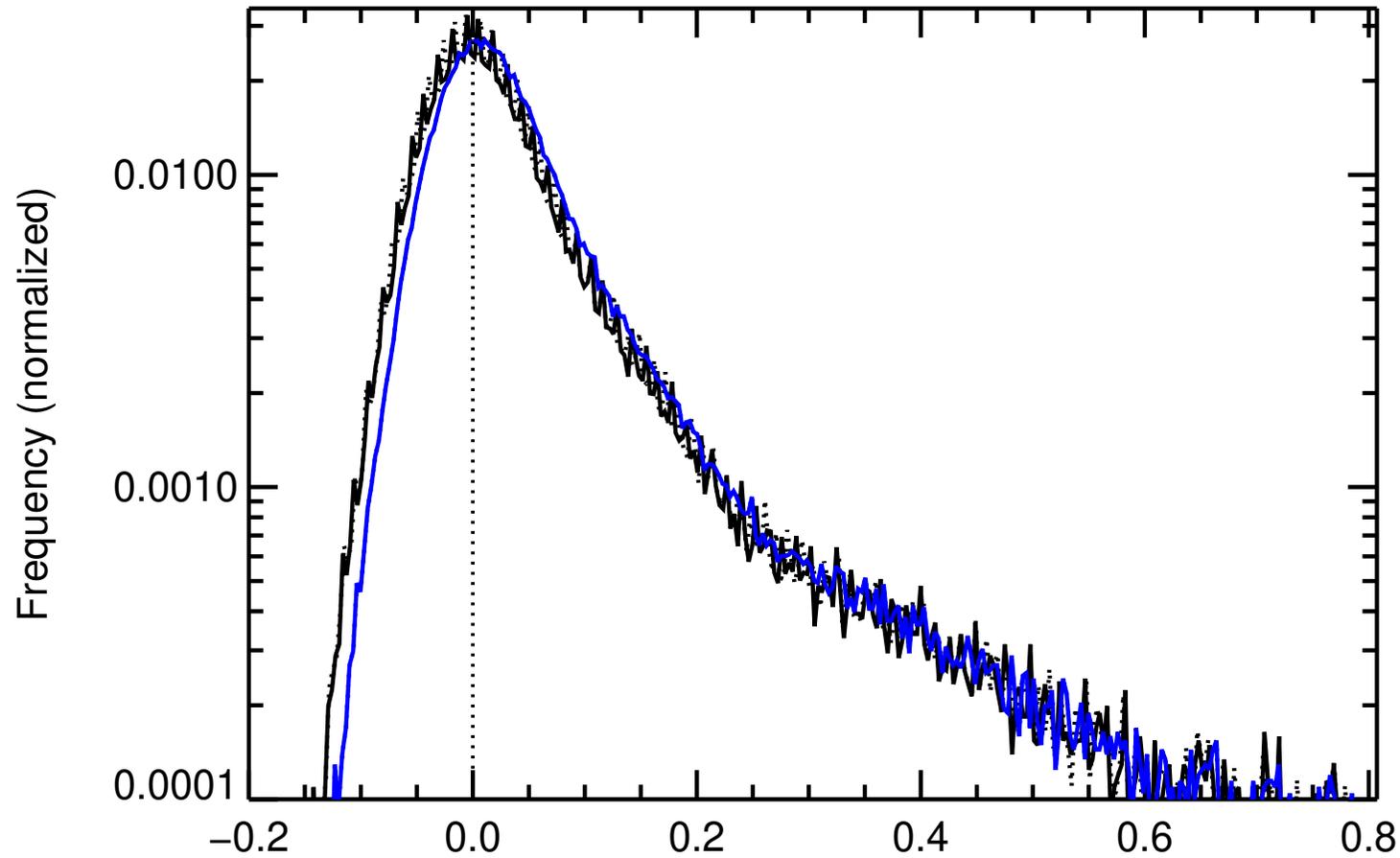
daily averages

IT0009R , Monte Cimone

onoxide, nmol/mol, Calibration scale = NPL, Detection limit = 0.06775 nmol/mol MEAN = NaN nmol/mol
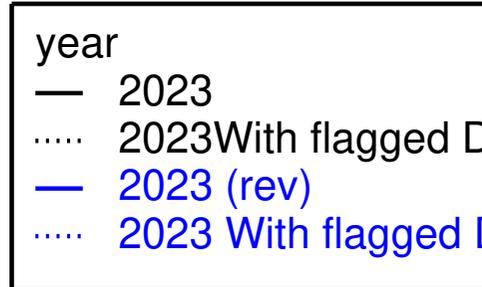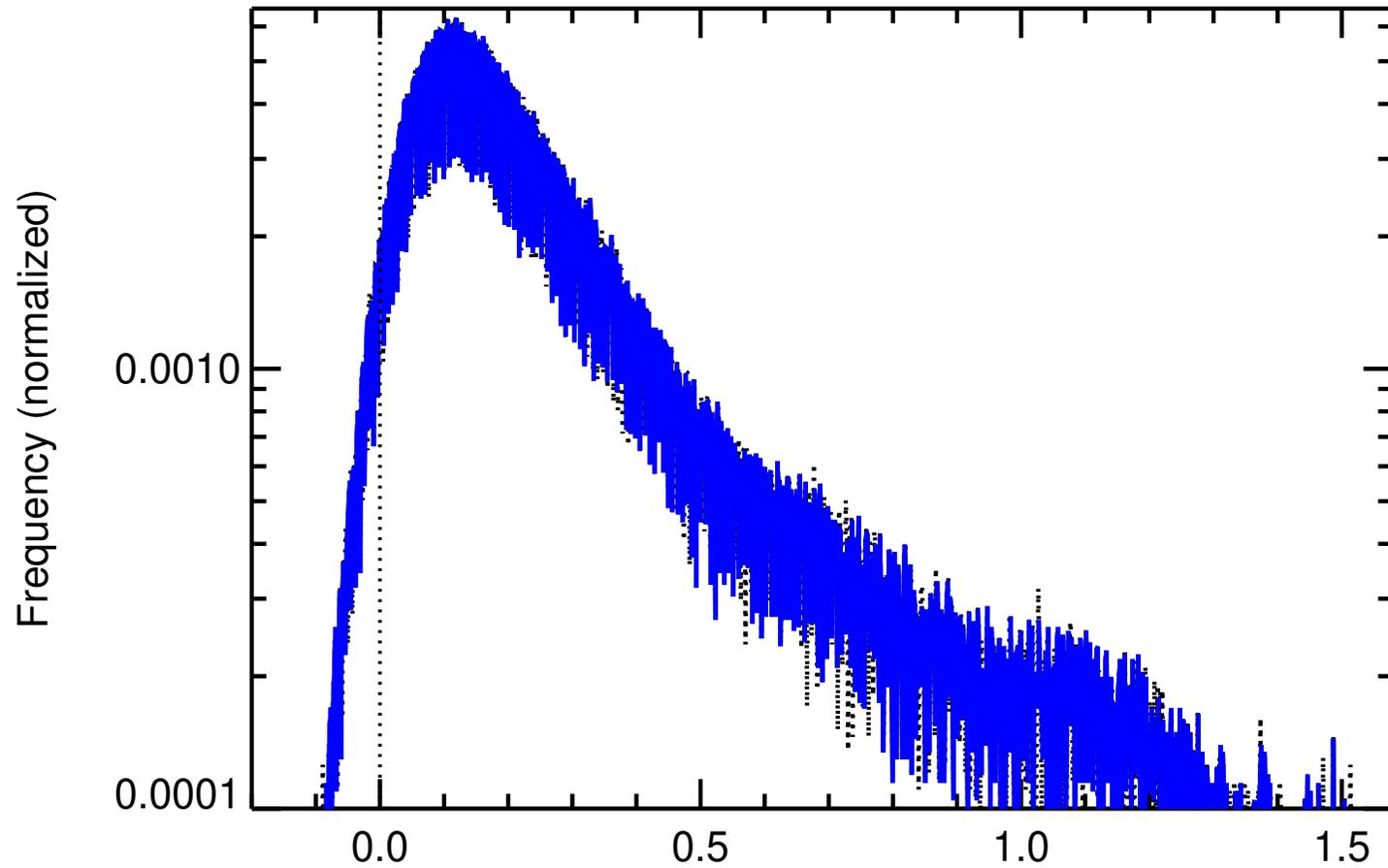
Histogram

IT0009R , Monte Cimone

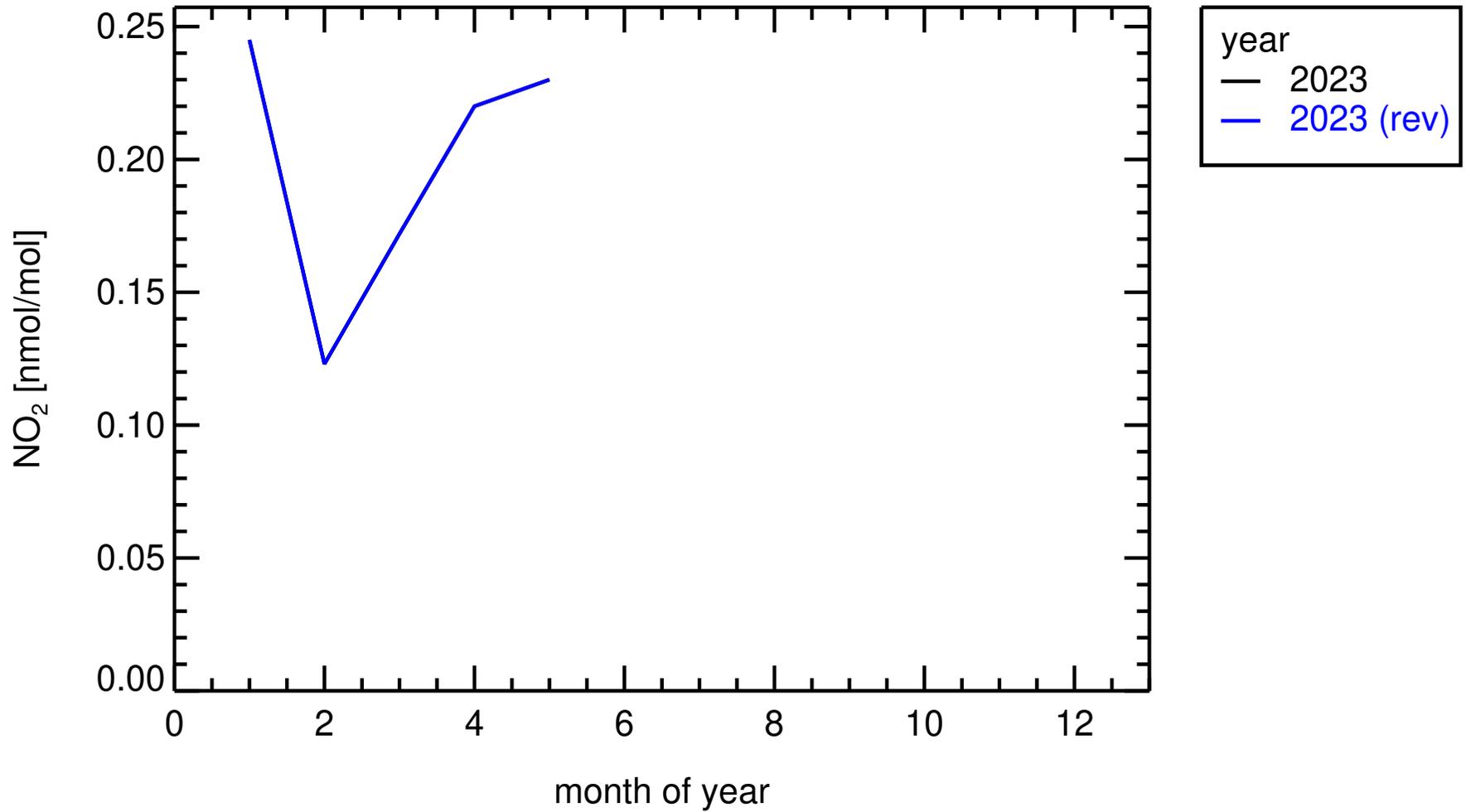nitrogen_monoxide, nmol/mol, Calibration scale = NPL, Detection limit = 0.06775 nmol/mol [nmol/mol]

Legend:
- year
- 2023
- With flagged Data
- 2023 (rev)
- With flagged Data (

Histogram

IT0009R , Monte Cimone

Legend (year):
- 2023
- 2023 With flagged D...
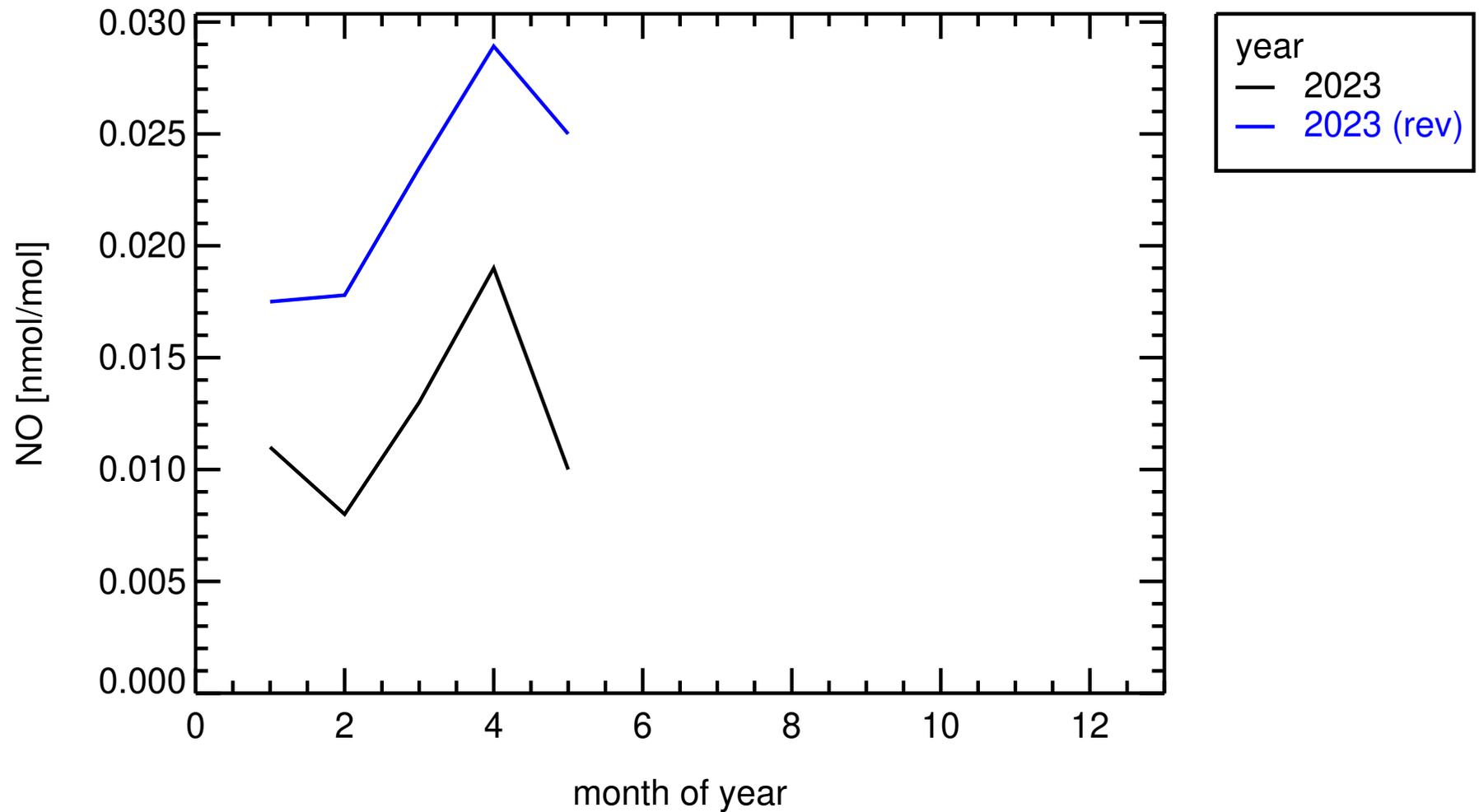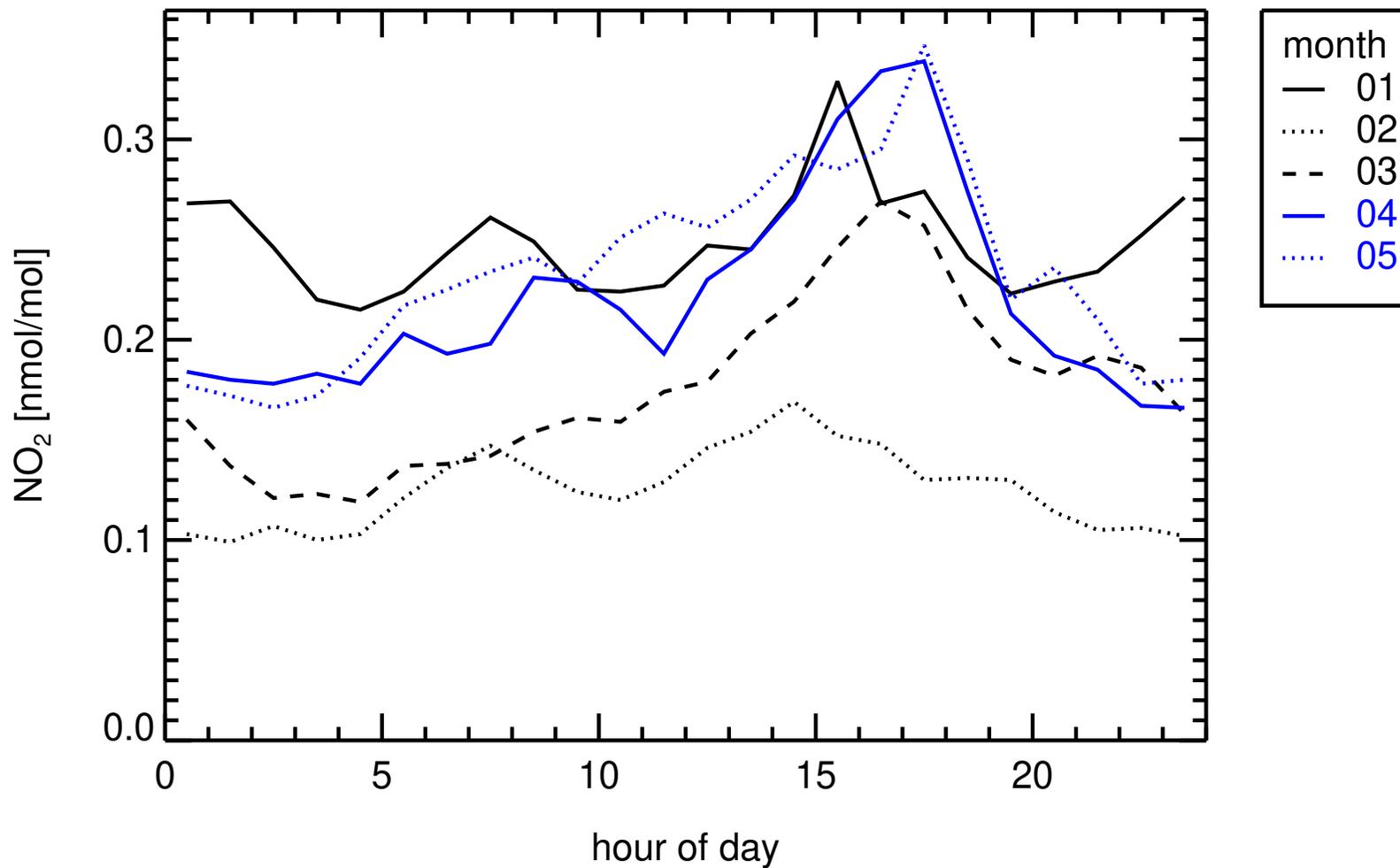- 2023 (rev)
- 2023 With flagged I...

nitrogen_dioxide, nmol/mol, Calibration scale = NPL+GPT, Detection limit = 0.0736 nmol/mol [nmol/mol]
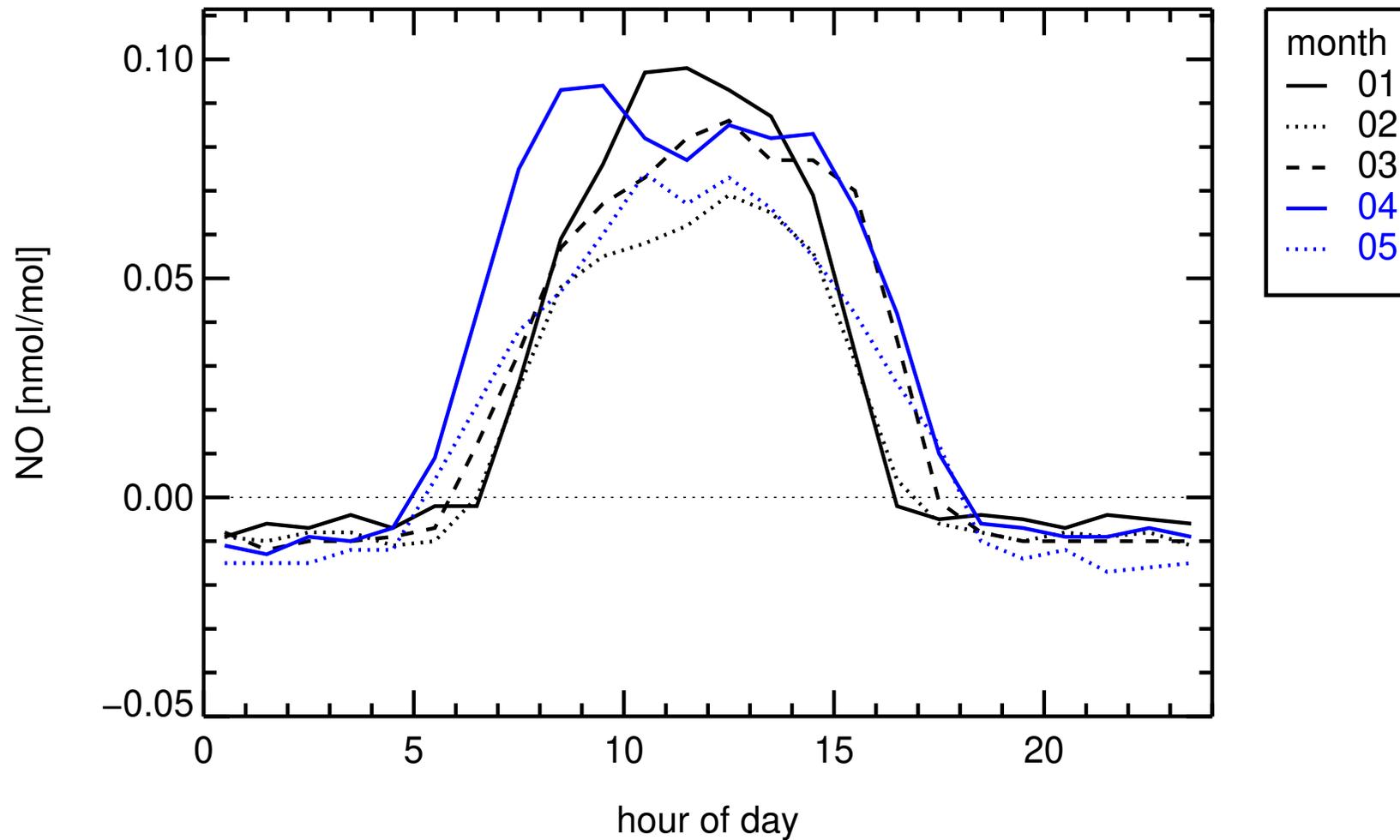
monthly medians

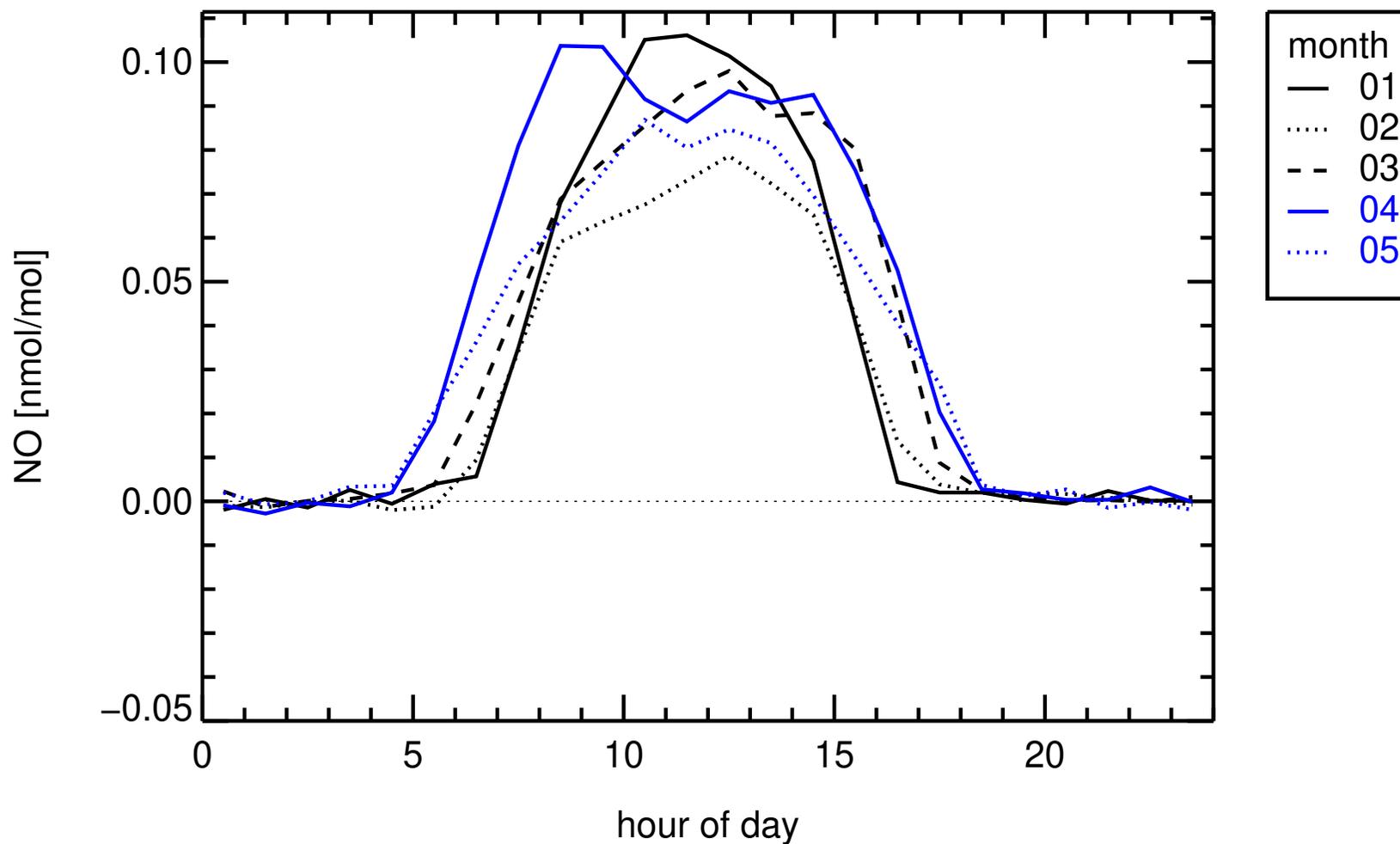## IT0009R , Monte Cimone

monthly medians

IT0009R , Monte Cimone
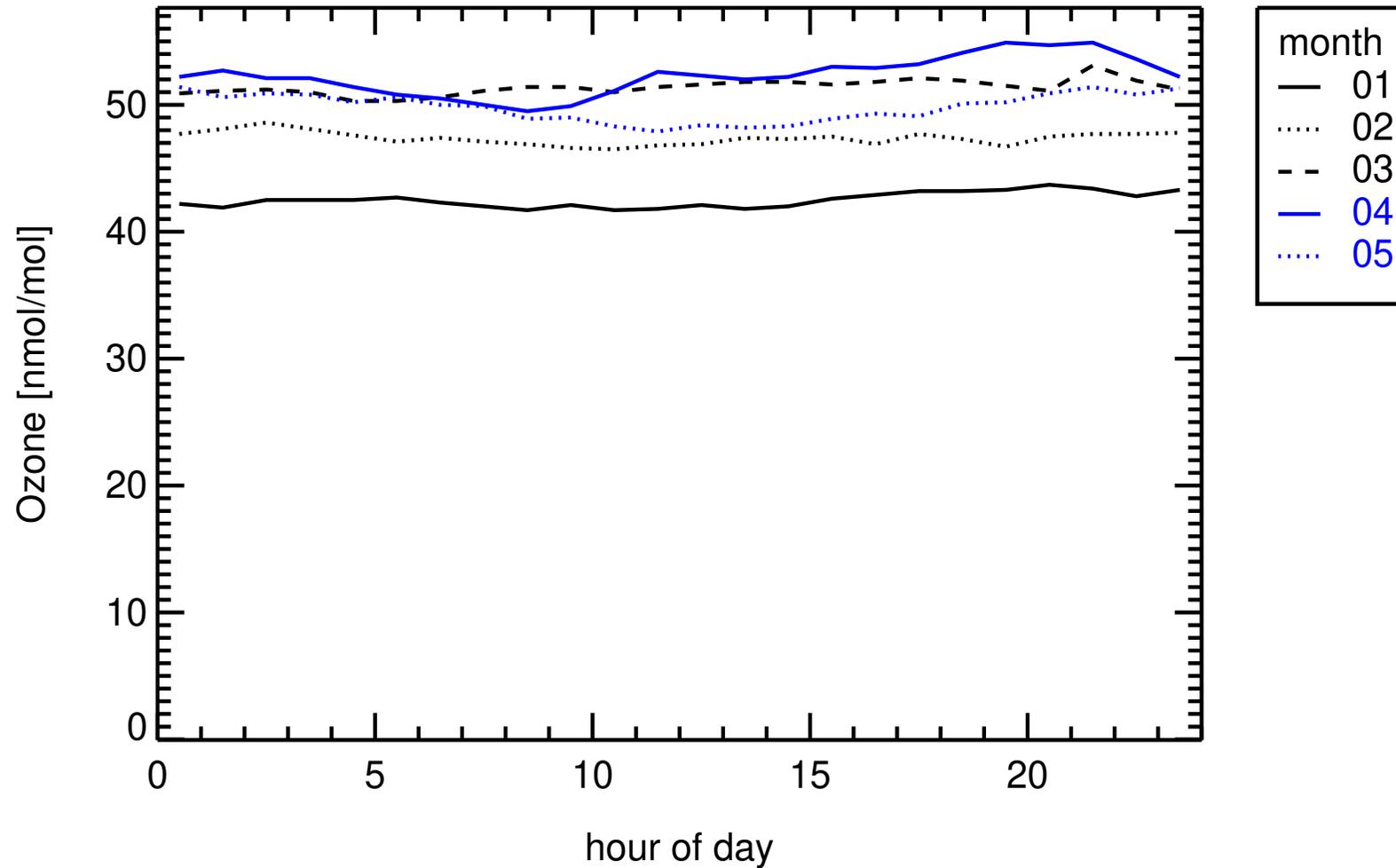
hourly medians 2023

IT0009R , Monte Cimone

Legend:

month
- 01 (solid black)
- 02 (dotted black)
- 03 (dashed black)
- 04 (solid blue)
- 05 (dotted blue)

Y-axis: NO_2 [nmol/mol]

X-axis: hour of day

hourly medians 2023

IT0009R , Monte Cimone

month
— 01
···· 02
-- 03
— 04
···· 05

NO [nmol/mol]

hour of day

hourly medians 2023

IT0009R , Monte Cimone (revised)

Legend:

month
- 01
- 02
- 03
- 04
- 05

hourly medians 2023

IT0009R , Monte Cimone

Ozone [nmol/mol] vs hour of day, with legend showing month: 01, 02, 03, 04, 05

2023

IT0009R , Monte Cimone

2023

IT0009R , Monte Cimone

Legend:
- Flagged Data
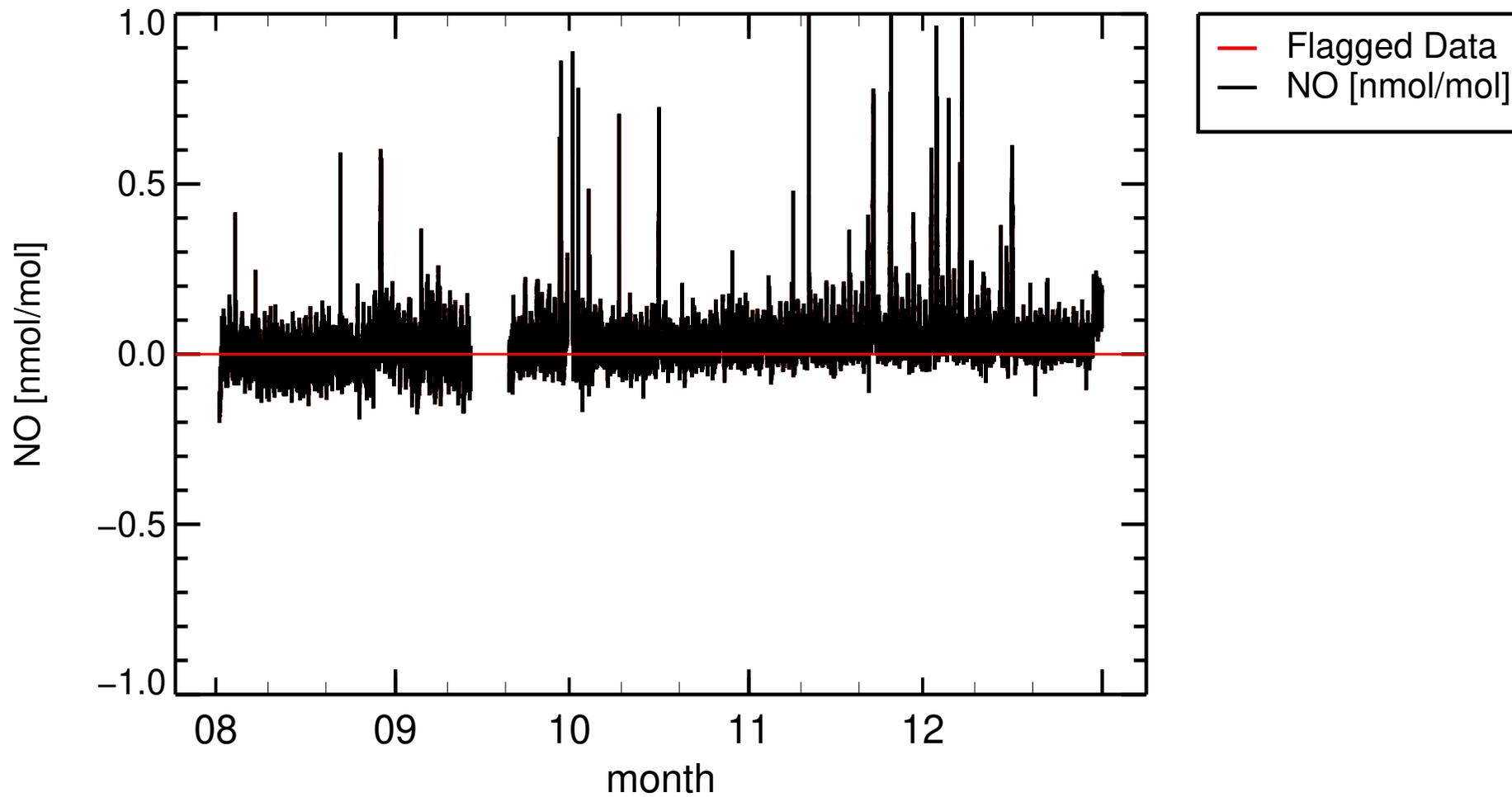- NO_2 [nmol/mol]

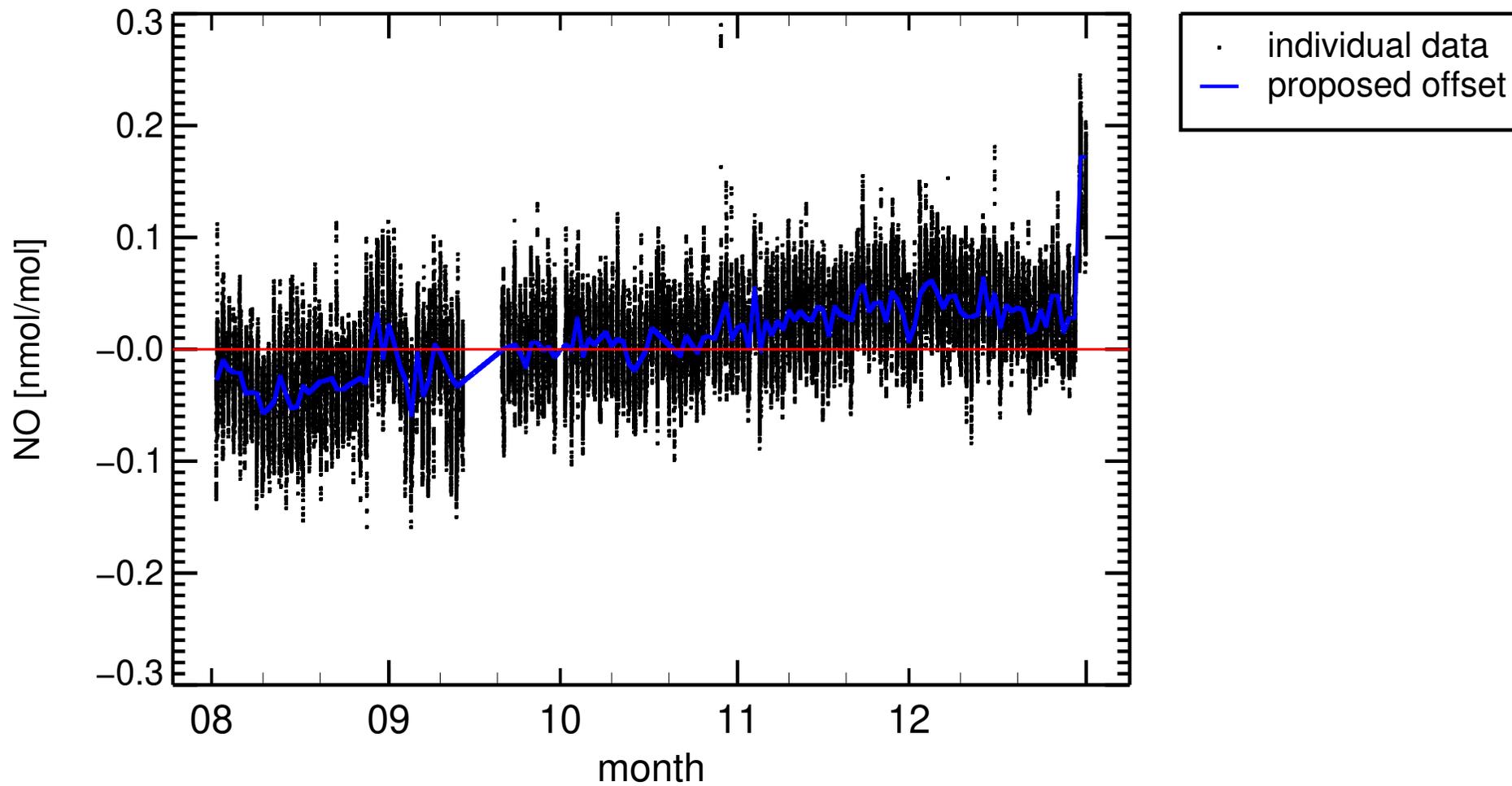y-axis: NO_2 [nmol/mol]

x-axis: month

2023

IT0009R , Monte Cimone

2023

IT0009R , Monte Cimone

2023 , 22:00−02:00 only

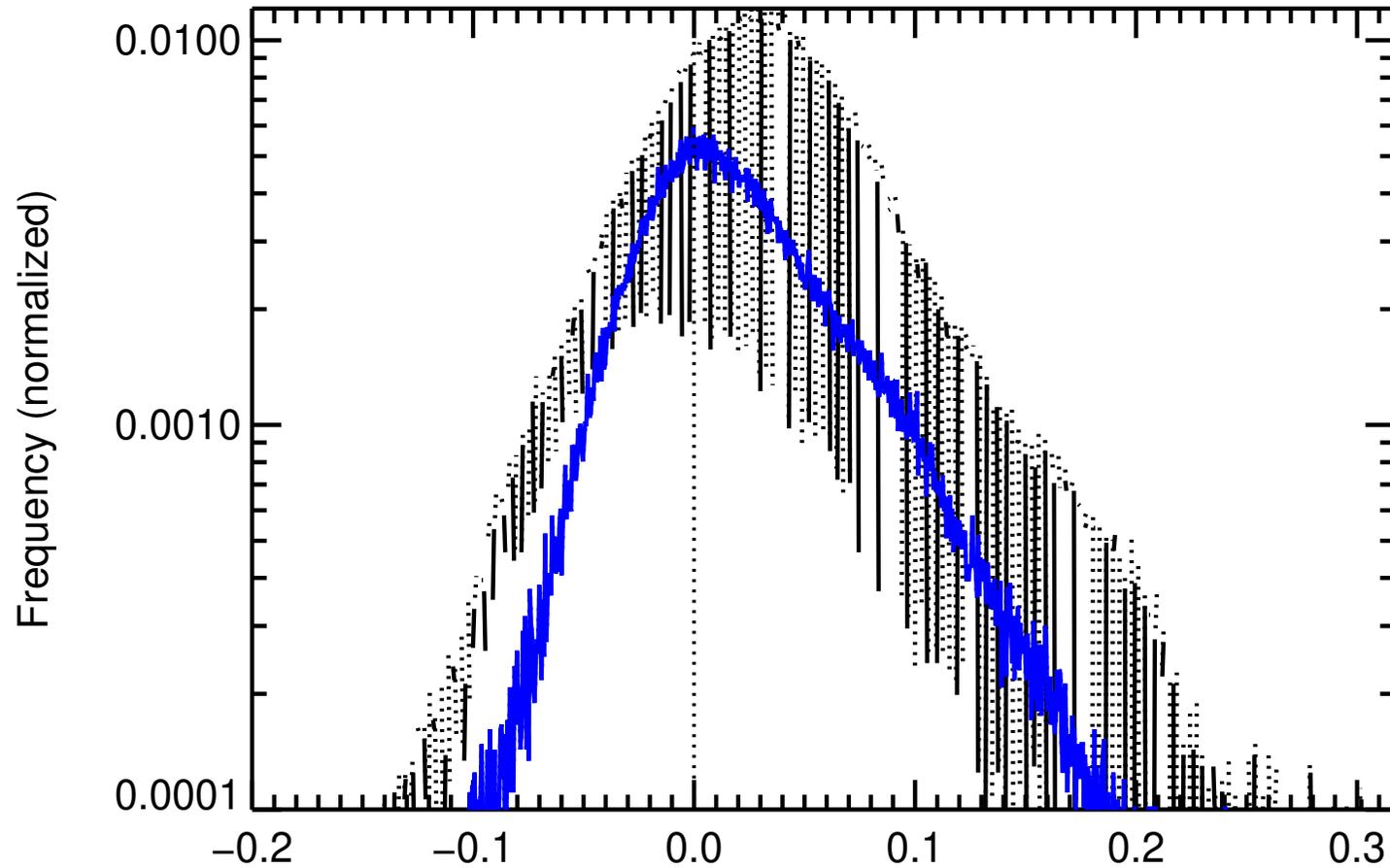## IT0009R , Monte Cimone (rev.)

NO Stdev = 0.0280
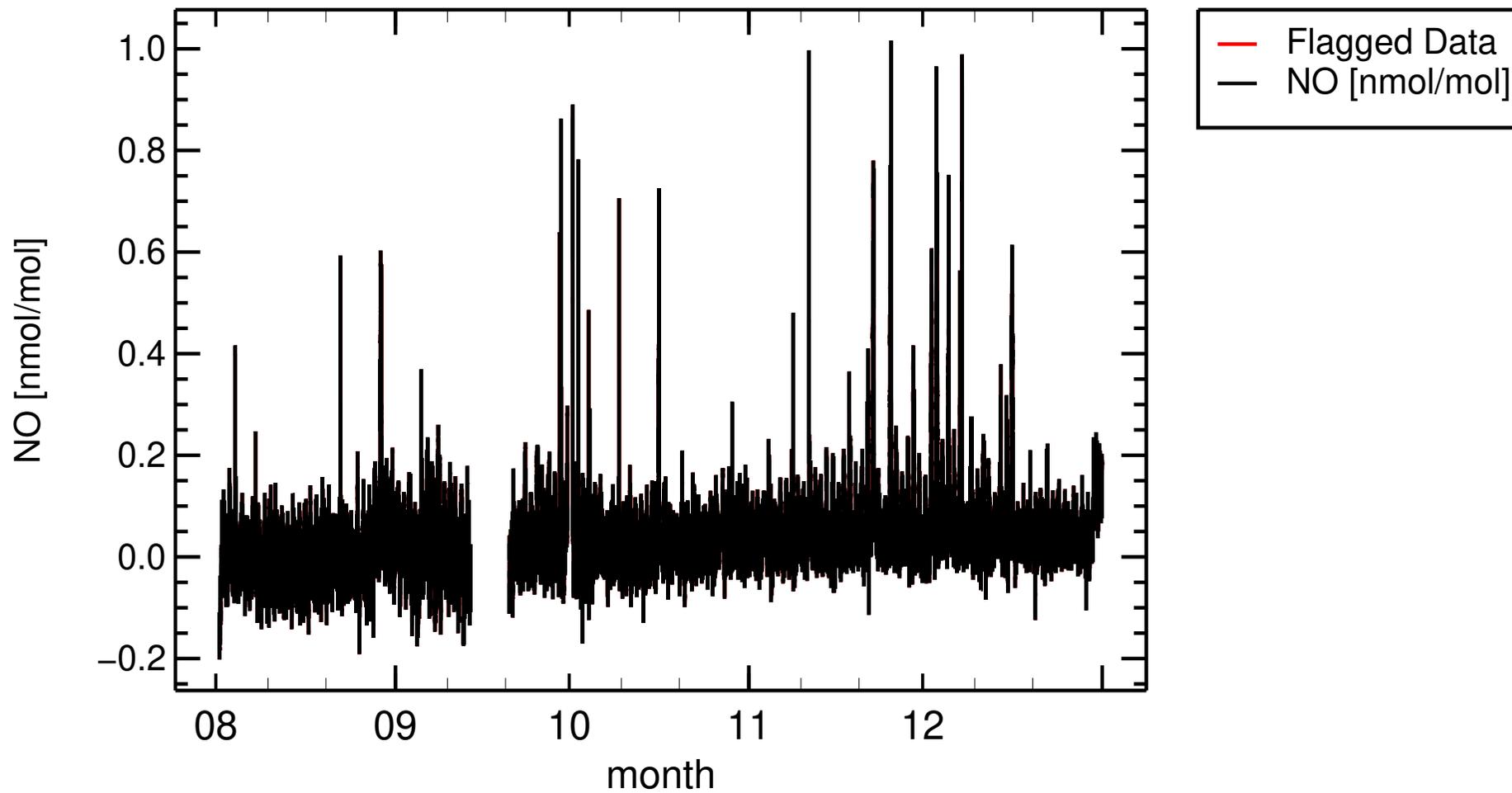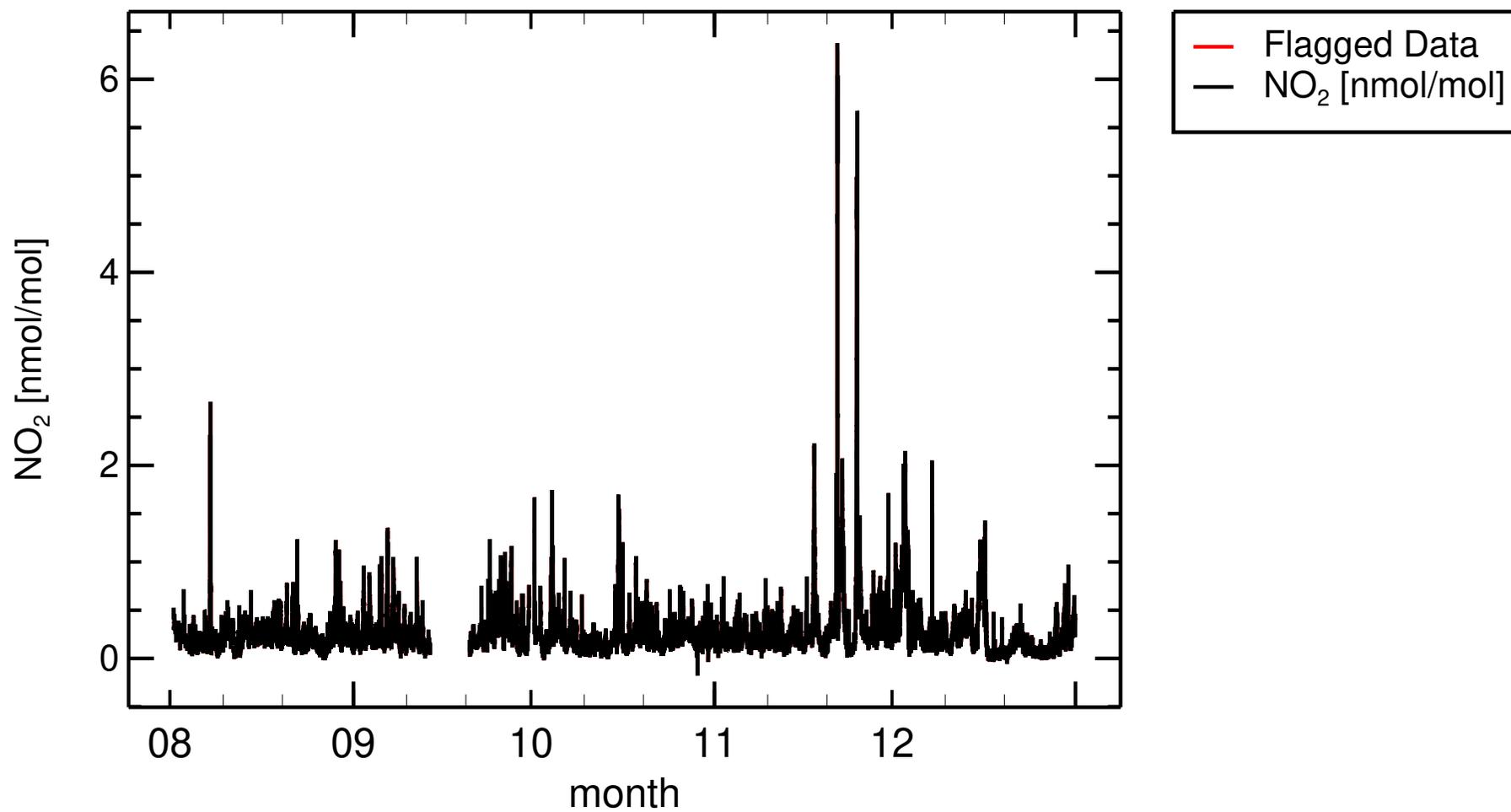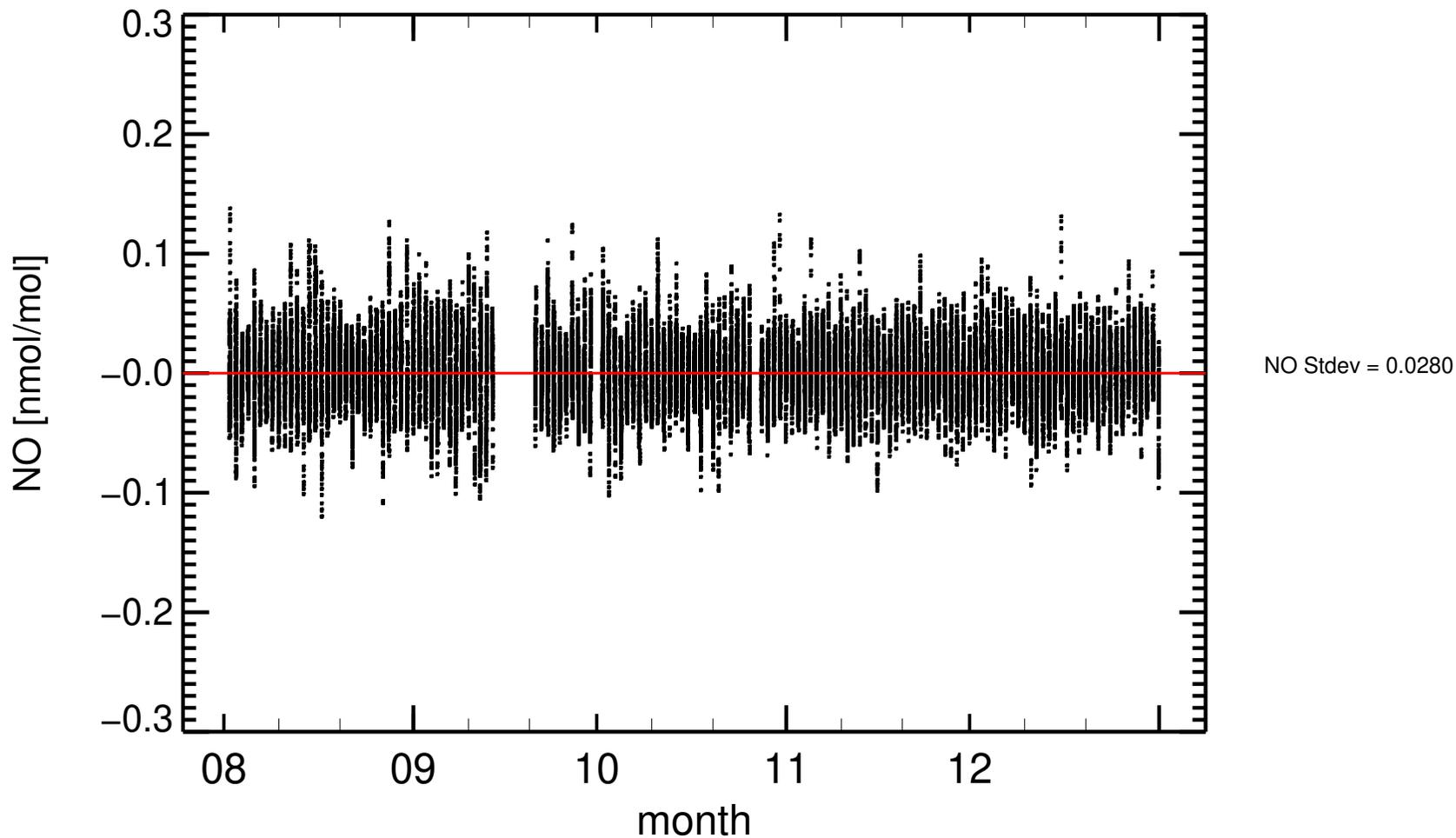
daily averages

IT0009R , Monte Cimone
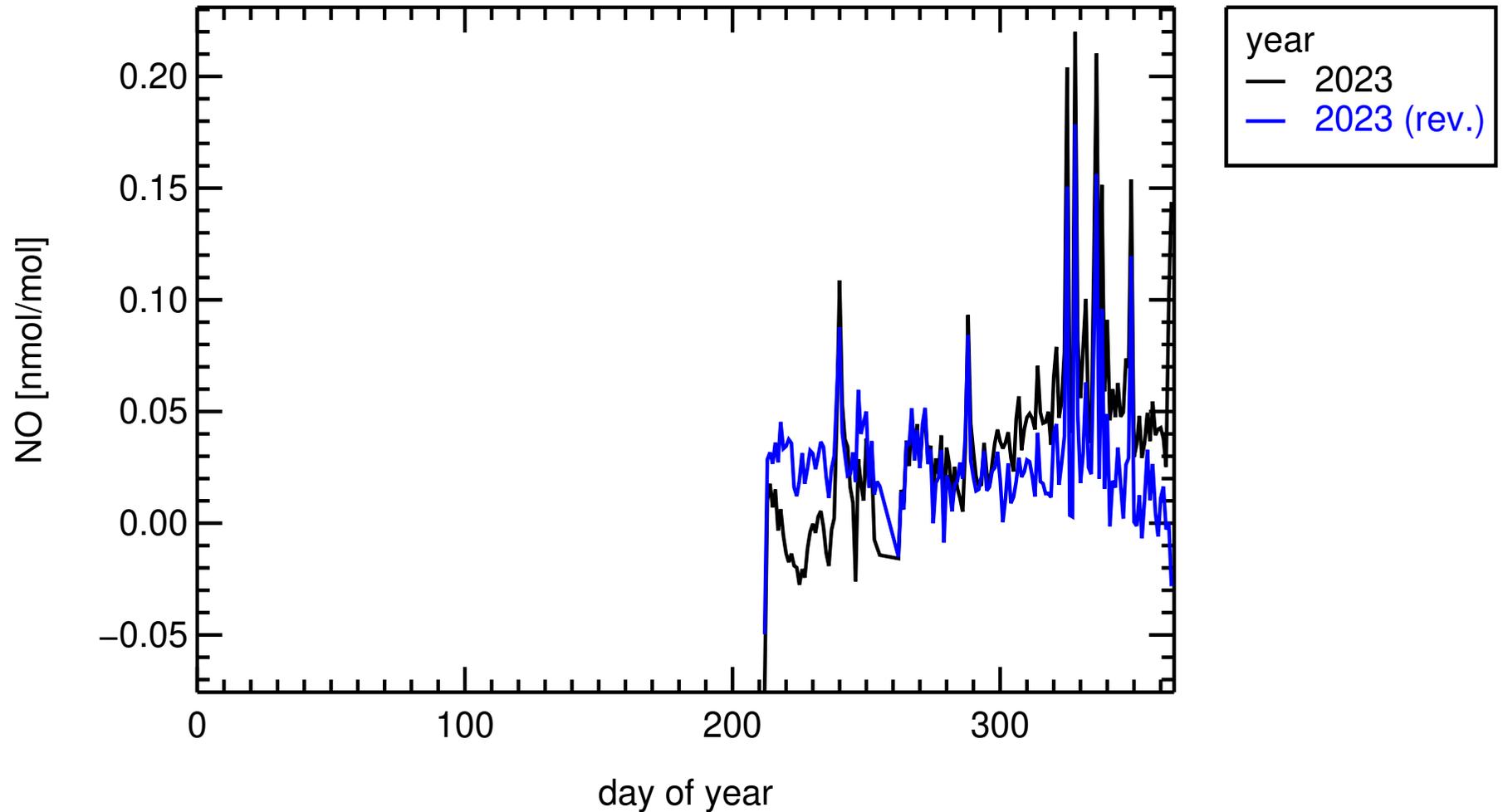
monoxide, nmol/mol, Calibration scale = NPL, Detection limit = 0.011 nmol/mol MEAN = NaN nmol/mol
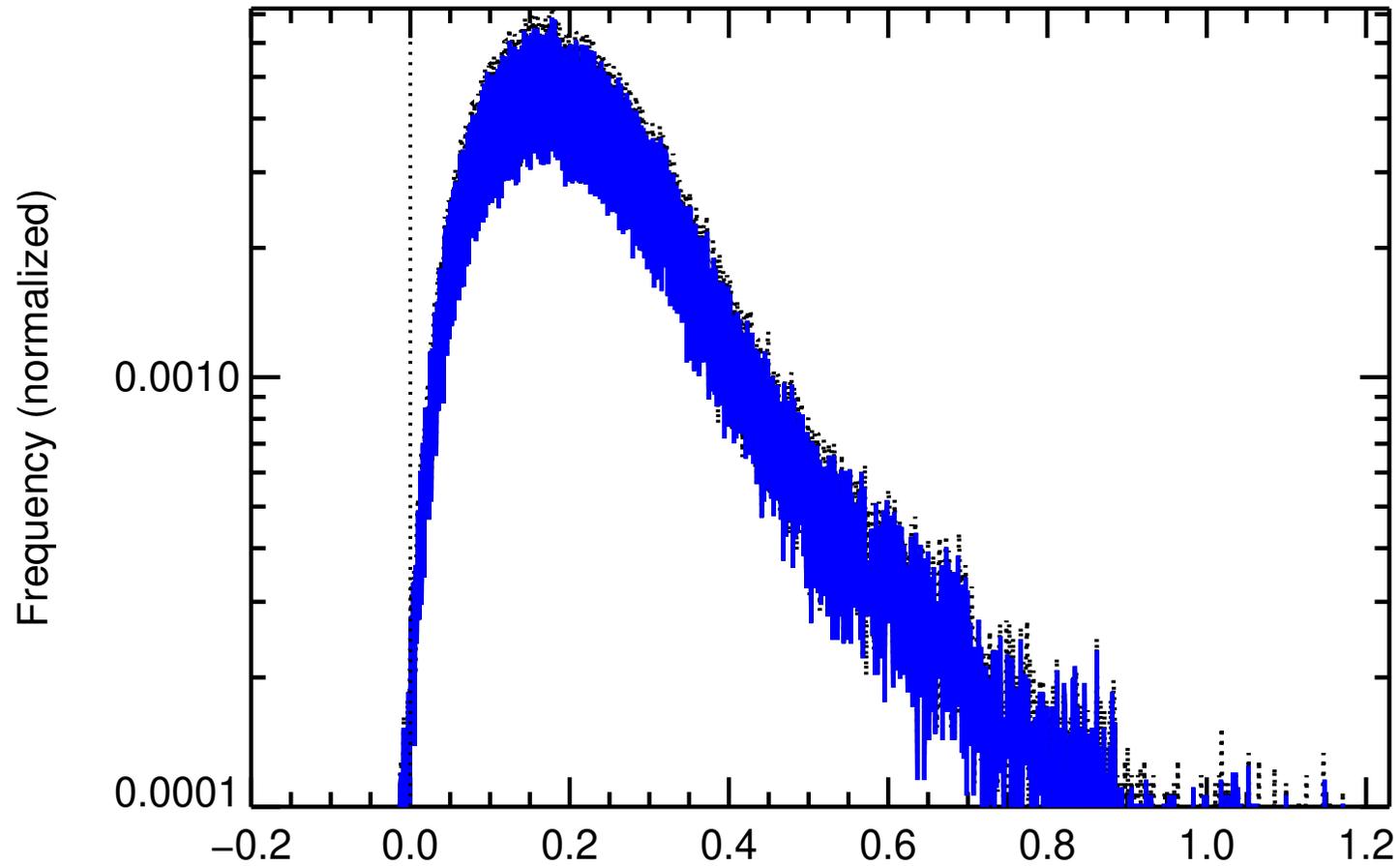
Histogram

IT0009R , Monte Cimone

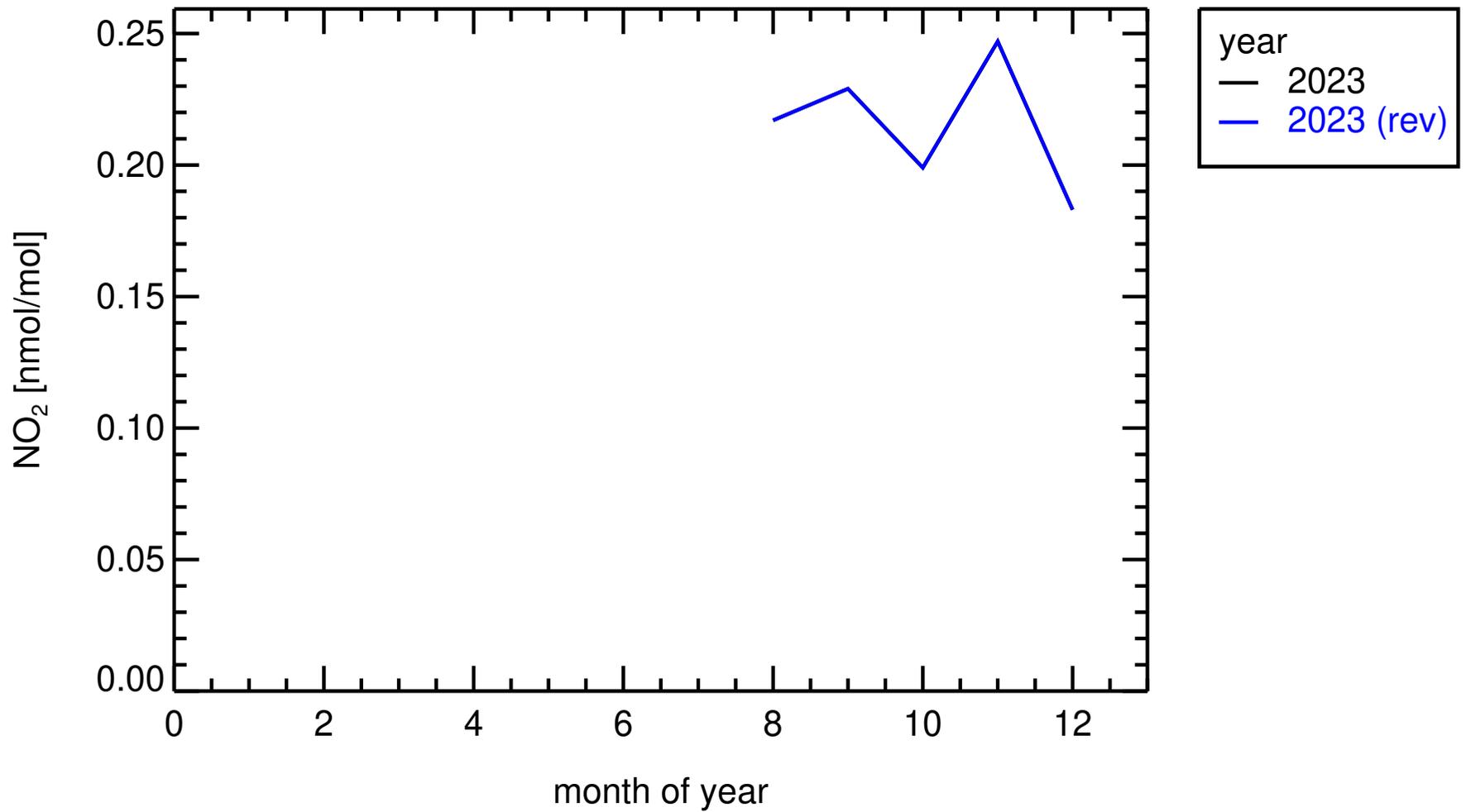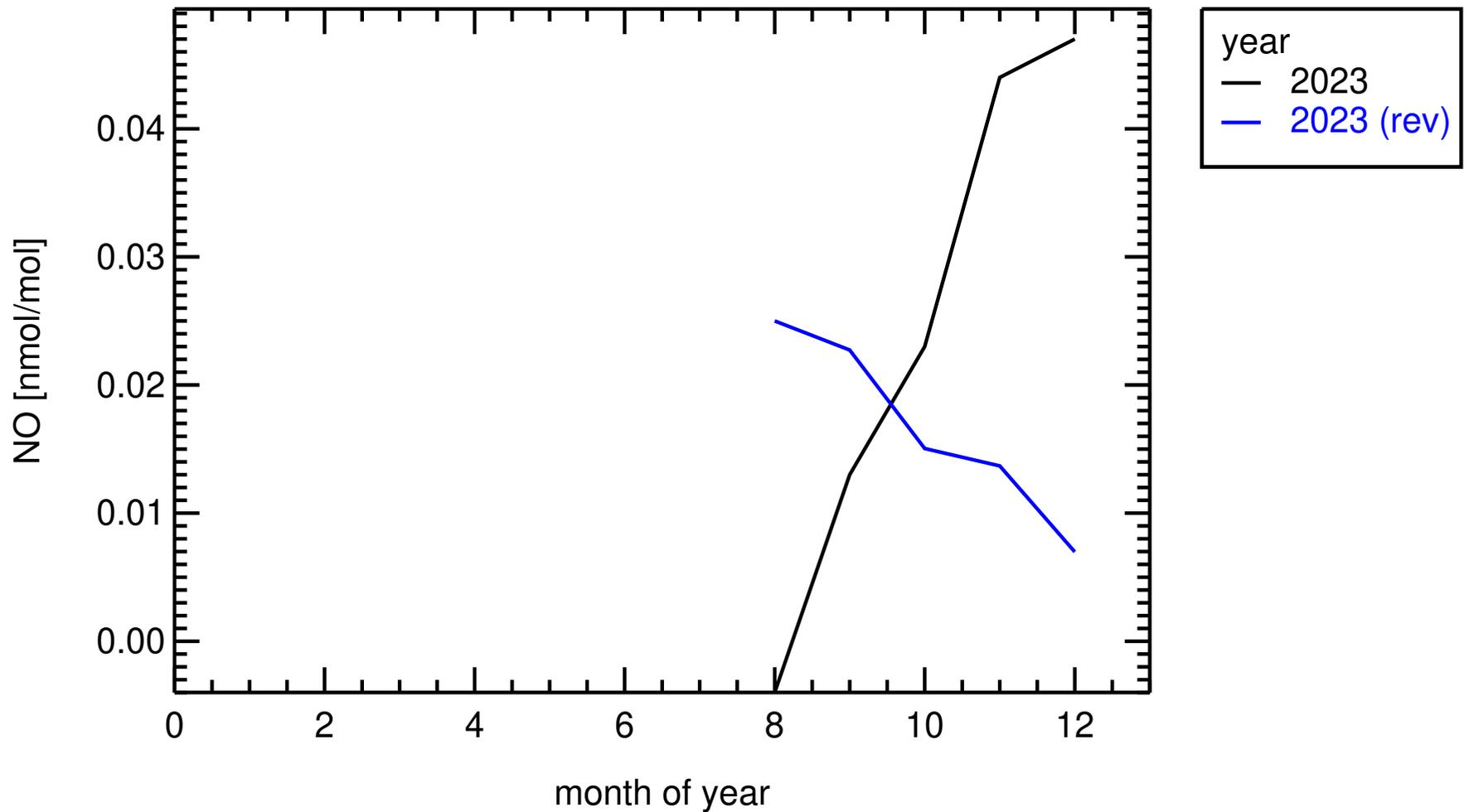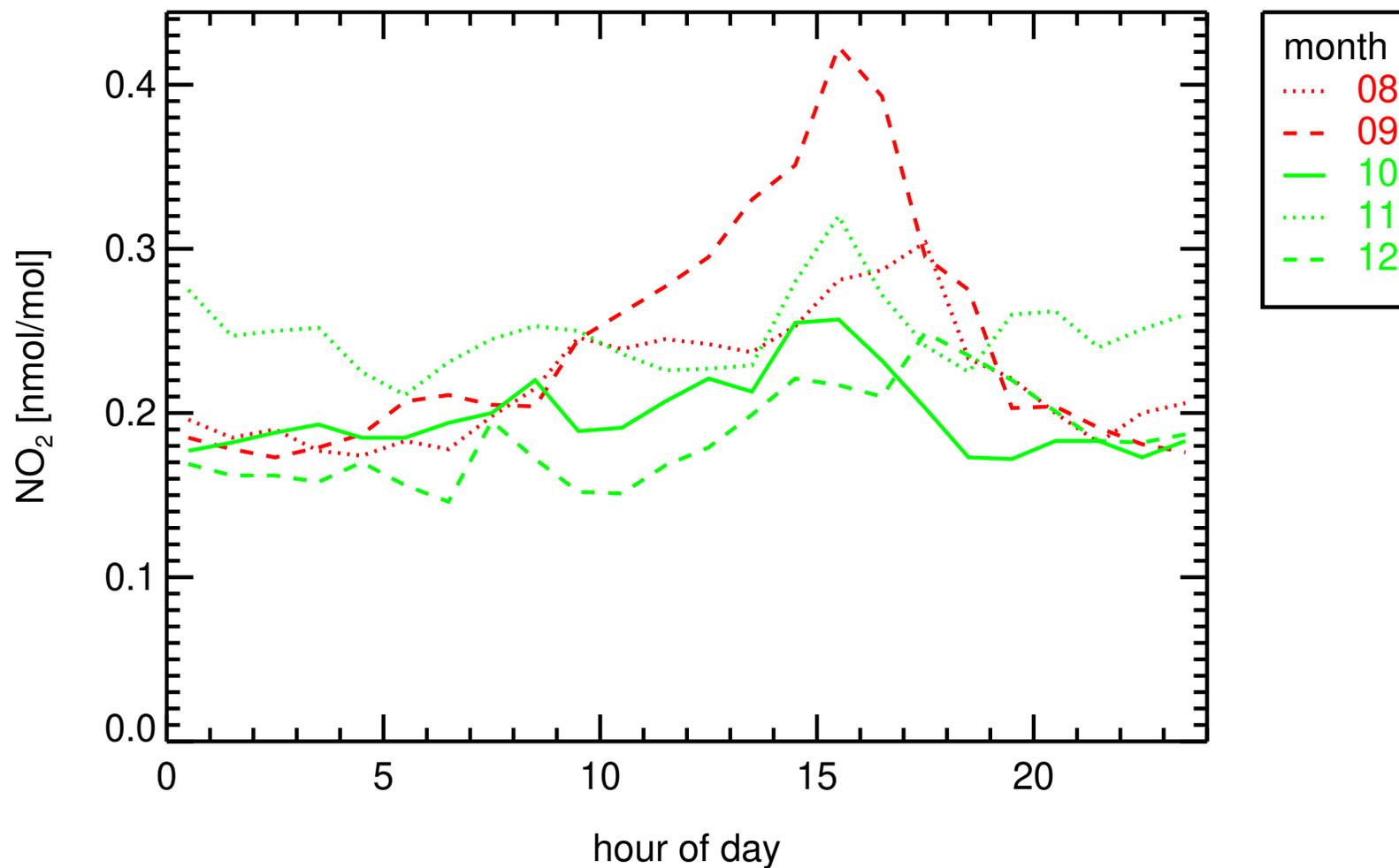nitrogen_monoxide, nmol/mol, Calibration scale = NPL, Detection limit = 0.011 nmol/mol [nmol/mol]

year
— 2023
······ With flagged Data
— 2023 (rev)
······ With flagged Data (

Histogram

IT0009R , Monte Cimone

Frequency (normalized)

0.0010

0.0001

−0.2 0.0 0.2 0.4 0.6 0.8 1.0 1.2

nitrogen_dioxide, nmol/mol, Calibration scale = NPL+GPT, Detection limit = 0.0119 nmol/mol [nmol/mol]

year
— 2023
···· 2023With flagged D
— 2023 (rev)
···· 2023 With flagged

monthly medians

IT0009R , Monte Cimone

month of year

NO$_2$ [nmol/mol]
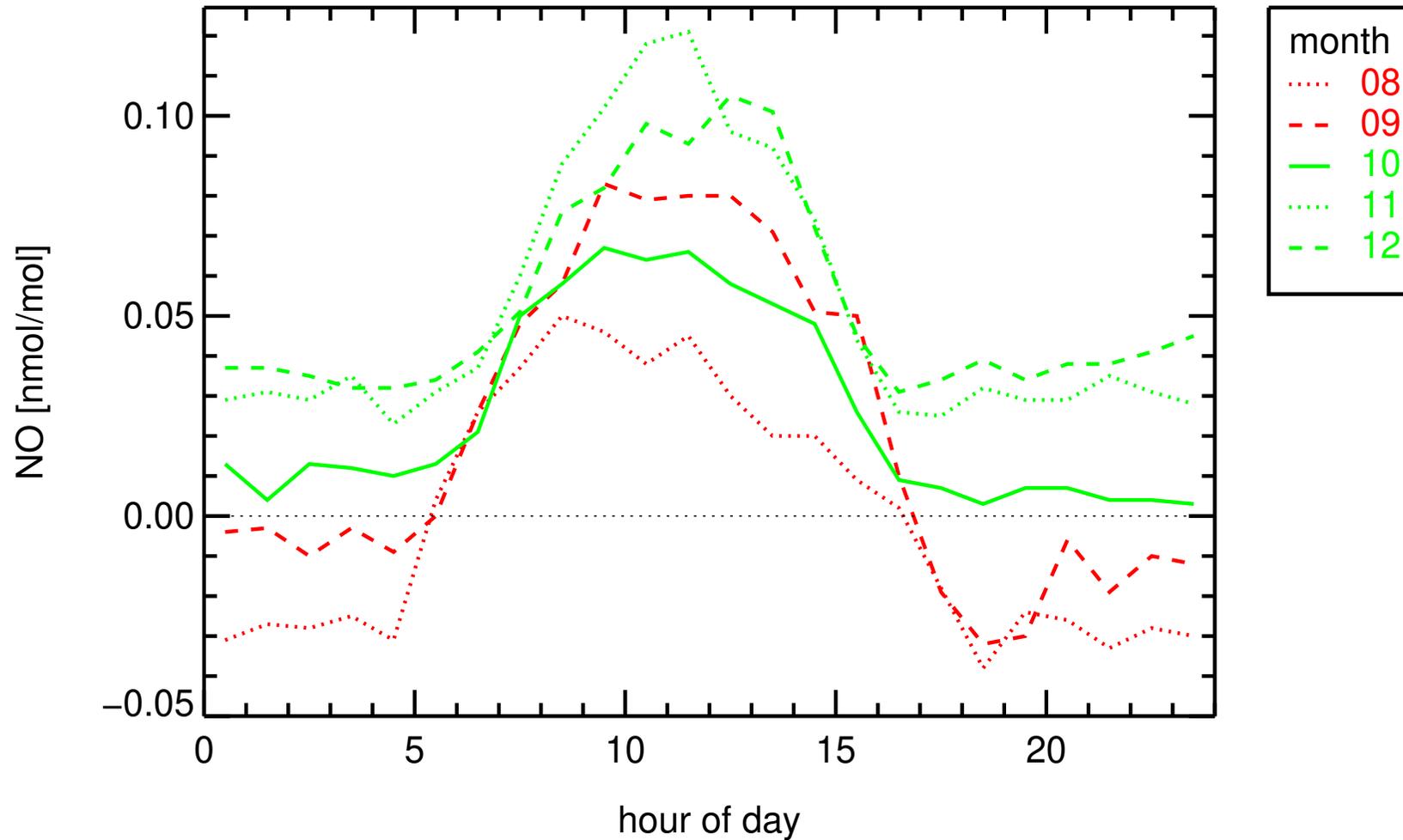
year
— 2023
— 2023 (rev)

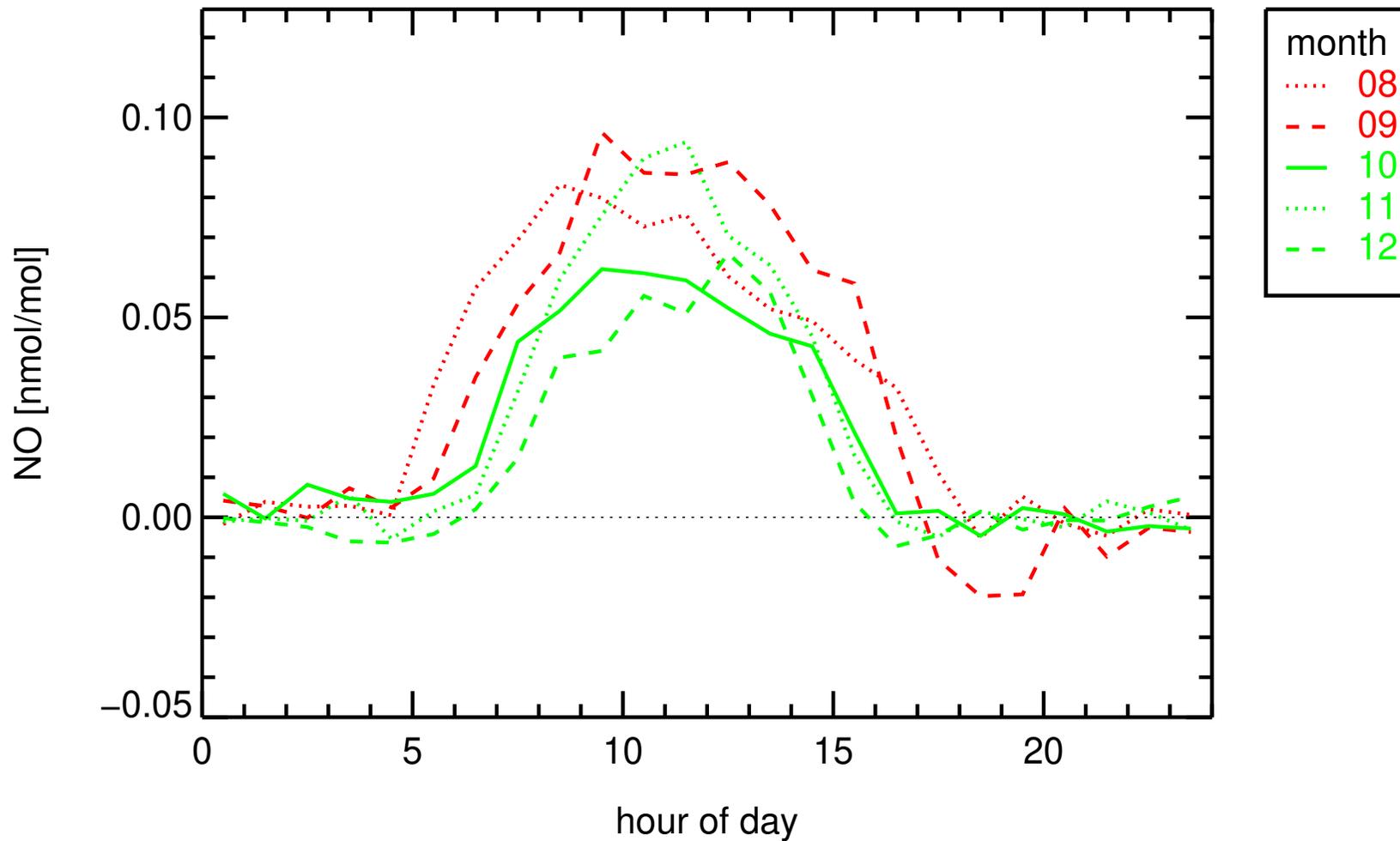# monthly medians

IT0009R , Monte Cimone

hourly medians 2023

IT0009R , Monte Cimone (revised)

hourly medians 2023

IT0009R , Monte Cimone

hourly medians 2023

IT0009R , Monte Cimone (revised)

hourly medians 2023

IT0009R , Monte Cimone