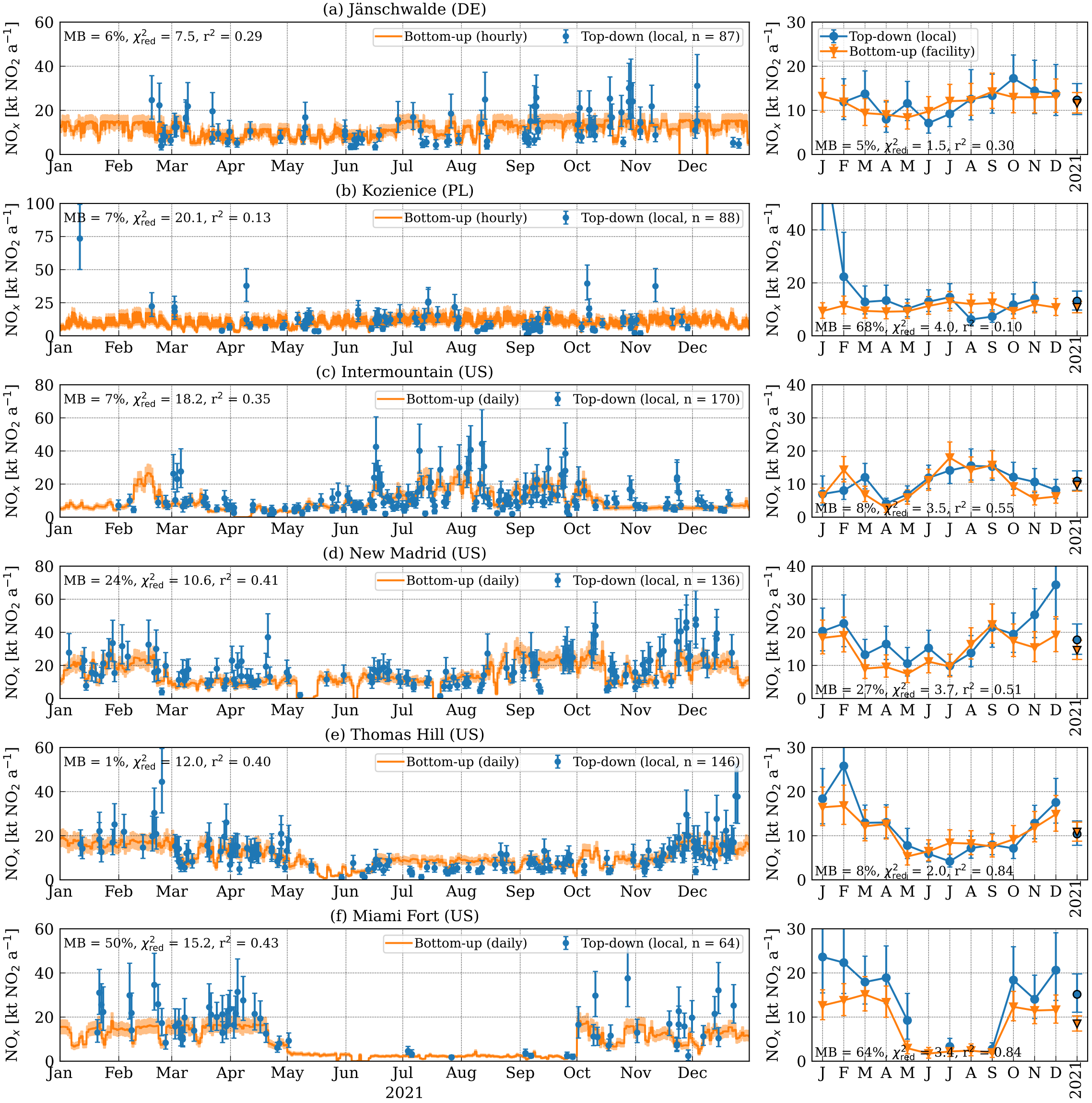
(a) Jänschwalde (DE)
MB = 6%, χ^2_{red} = 7.5, r^2 = 0.29
Bottom-up (hourly)
Top-down (local, n = 87)
Top-down (local)
Bottom-up (facility)
MB = 5%, χ^2_{red} = 1.5, r^2 = 0.30
(b) Kozienice (PL)
MB = 7%, χ^2_{red} = 20.1, r^2 = 0.13
Bottom-up (hourly)
Top-down (local, n = 88)
MB = 68%, χ^2_{red} = 4.0, r^2 = 0.10
(c) Intermountain (US)
MB = 7%, χ^2_{red} = 18.2, r^2 = 0.35
Bottom-up (daily)
Top-down (local, n = 170)
MB = 8%, χ^2_{red} = 3.5, r^2 = 0.55
(d) New Madrid (US)
MB = 24%, χ^2_{red} = 10.6, r^2 = 0.41
Bottom-up (daily)
Top-down (local, n = 136)
MB = 27%, χ^2_{red} = 3.7, r^2 = 0.51
(e) Thomas Hill (US)
MB = 1%, χ^2_{red} = 12.0, r^2 = 0.40
Bottom-up (daily)
Top-down (local, n = 146)
MB = 8%, χ^2_{red} = 2.0, r^2 = 0.84
(f) Miami Fort (US)
MB = 50%, χ^2_{red} = 15.2, r^2 = 0.43
Bottom-up (daily)
Top-down (local, n = 64)
MB = 64%, χ^2_{red} = 3.4, r^2 = 0.84
NO_x [kt NO_2 a^{-1}]
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
J F M A M J J A S O N D
2021