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Supplementary material



Figure S1. Contour map of Qiyi Glacier and the observation site.

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Figure S3. Correlations between NO₂ (NOx) and UVB radiation levels during 12:00-18:00 on 26 August 2004. Reduced major axis regression was used.



Figure S4. Correlations between NOx (NO₂) and UVB radiation levels under different wind speed bins (0.5 m/s as an interval) on 27 August 2004.



Figure S5. Correlations between NOx (NO₂) and UVB radiation levels under different wind speed bins (0.5 m/s as an interval) on 28 August 2004.



Figure S6. Correlations between NOx (NO₂) and UVB radiation levels under different wind speed bins (0.5 m/s as an interval) on 29 August 2004.



Figure S7. Correlations between NOx (NO₂) and UVB during 12:00-18:00 on 30 August 2004. Reduced major axis regression was used.