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Evaluating the impact of blowing-snow sea salt aerosol on springtime BrO and O_3 in the Arctic

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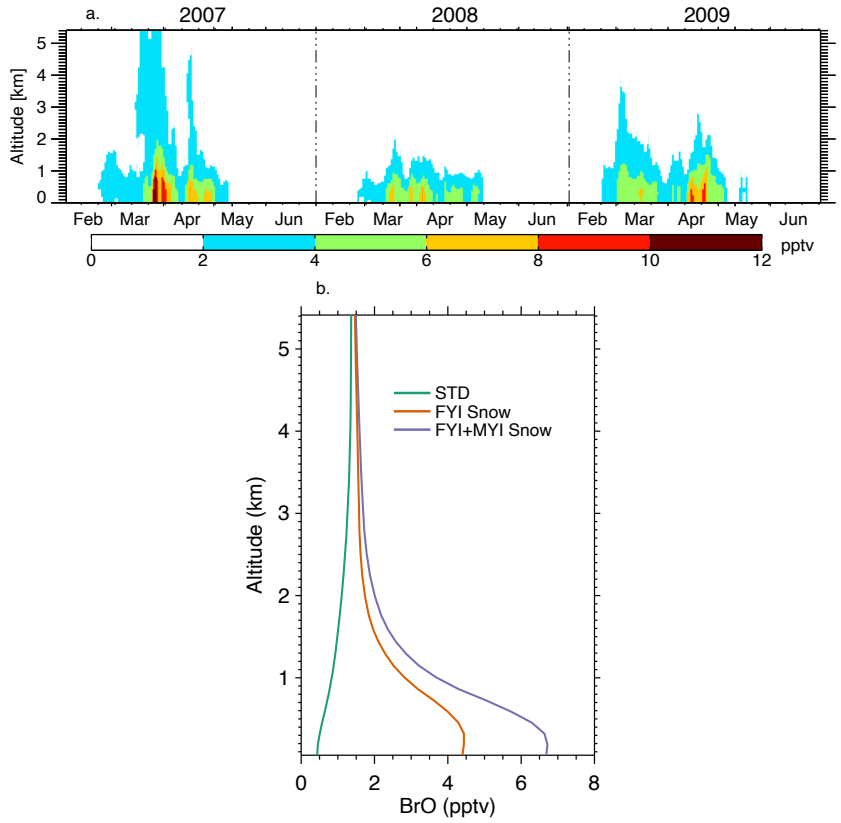

Figure S1: (a) Timeseries of daily BrO mixing ratio (in pptv) averaged poleward of 60° N in the GEOS-Chem FYI+MYI Snow simulation between February and June for 2007−2009. Note that the model is sampled between 9 and 11 am local time. (b) Mean vertical profile of BrO (9-11 am local time) averaged poleward of 60° N for March and April 2007-2009 in the STD simulation (green line), FYI Snow simulation (red), and FYI+MYI simulation (purple).

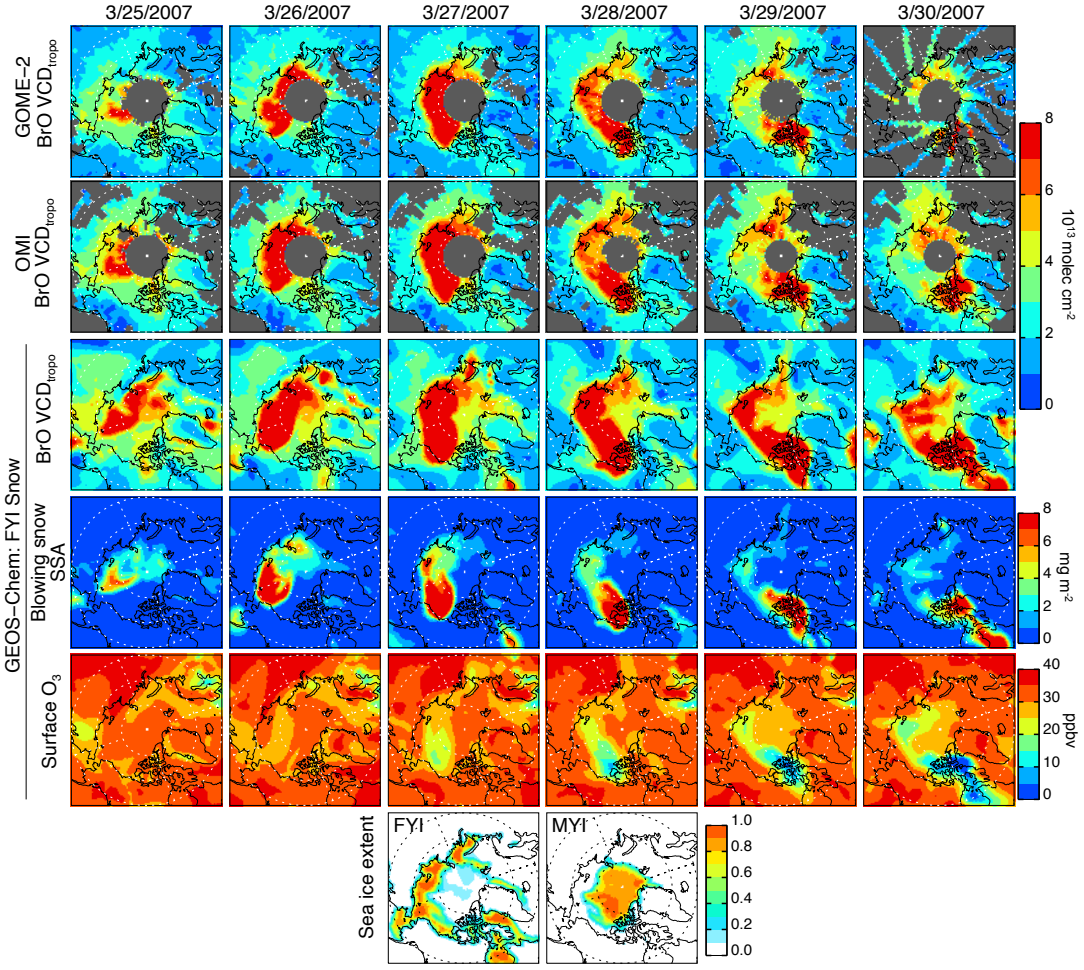

Figure S2: Same as Figure 5, but showing the results of the GEOS-Chem FYI Snow simulation for 25-30 March 2007.