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Interactive Comment

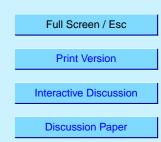
Interactive comment on "Observations of meteoritic material and implications for aerosol nucleation in the winter Arctic lower stratosphere derived from in situ particle measurements" by J. Curtius et al.

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The paper presents new and interesting results for the presence of meteoretic dust in the stratosphere. Two (minor) comments could be taking into account by the authors : 1) The detection of such material, at least for the larger grains, have been performed by our team using ballon-borne counter and UV-visible spectrometer (Renard et al. Applied Optics vol44 N°19 4086-4095, 200). 2) The satellite data should be used cautiously, since they can exhibits large bias, in particular using priori hypothesis (log-



normal size distribution, refractive index) as we have discussed in Renard et al. Applied optics vol41 $N^{\circ}36$, 7540-7549, 2002.

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