

Interactive  
Comment

## ***Interactive comment on “Deep convective clouds at the tropopause” by H. H. Aumann and S. G. DeSouza-Machado***

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This very interesting analysis seems suggestive of pileus cloud features that are also seen in the "bulges" above deep convective cloud tops. For example, the article at <http://www.atmos-chem-phys.net/6/1185/2006/acp-6-1185-2006.html> shows in Fig. 1 pileus clouds above extremely deep convection near Darwin, Australia, that likely forms according to one of the vertical displacement mechanisms shown in the schematic in Fig. 10.

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Interactive comment on Atmos. Chem. Phys. Discuss., 10, 16475, 2010.

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