



Cesium borovanadate glass

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Field strength: 14.1 T

Why is this your favorite spectrum?

I snatched this beauty trying to assess whether cesium ions are mobile in borovanadate glasses. After finding strong lithium diffusion and moderate sodium hopping in the analogous glasses, I ran Cs-133 exchange spectroscopy to see what I could see. No mobility at this temperature and mixing time, but what an attractive set of contours!