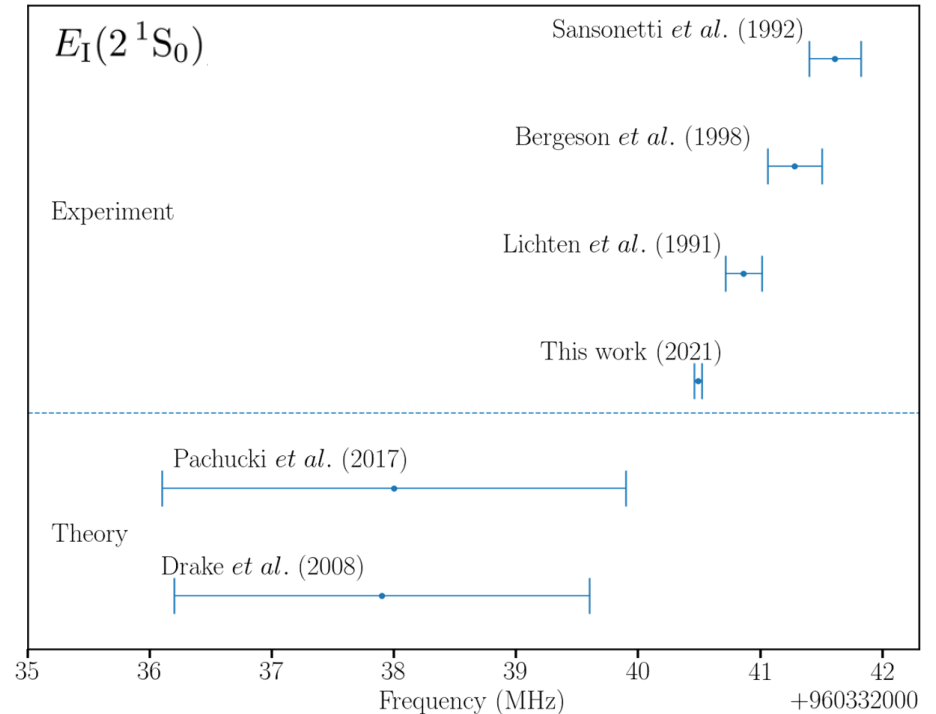
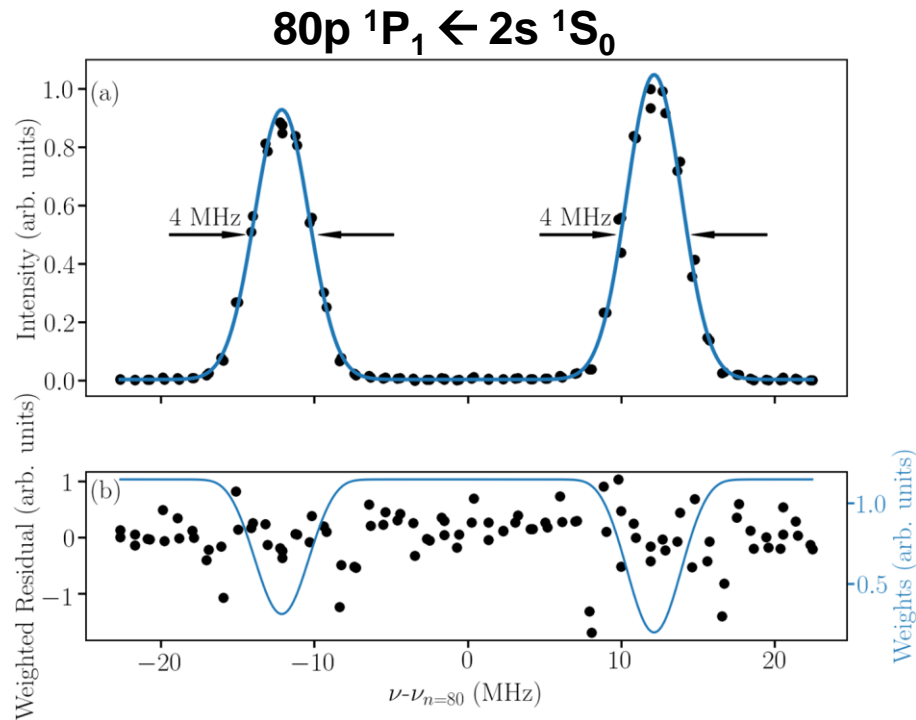


P5494: Determination of the ionization energy of the metastable 2^1S_0 state of ^4He through Rydberg series extrapolation

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$$E_I(2^1S_0)/h = 960\,332\,040.491(0.025)_{\text{stat}}(0.020)_{\text{syst}} \text{ MHz}$$

	Experiment	Theory	ΔE_I
2^3S_1	1 152 842 742.637(32)	1 152 842 742.231(52)	0.406(61)
2^3P	876 106 247.017(32)	876 106 246.611(16)	0.406(36)
3^3D_1	366 018 892.635(65)	366 018 892.691(23)	-0.056(69)
3^1D_2	365 917 748.688(34)	365 917 748.661(19)	0.027(38)



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