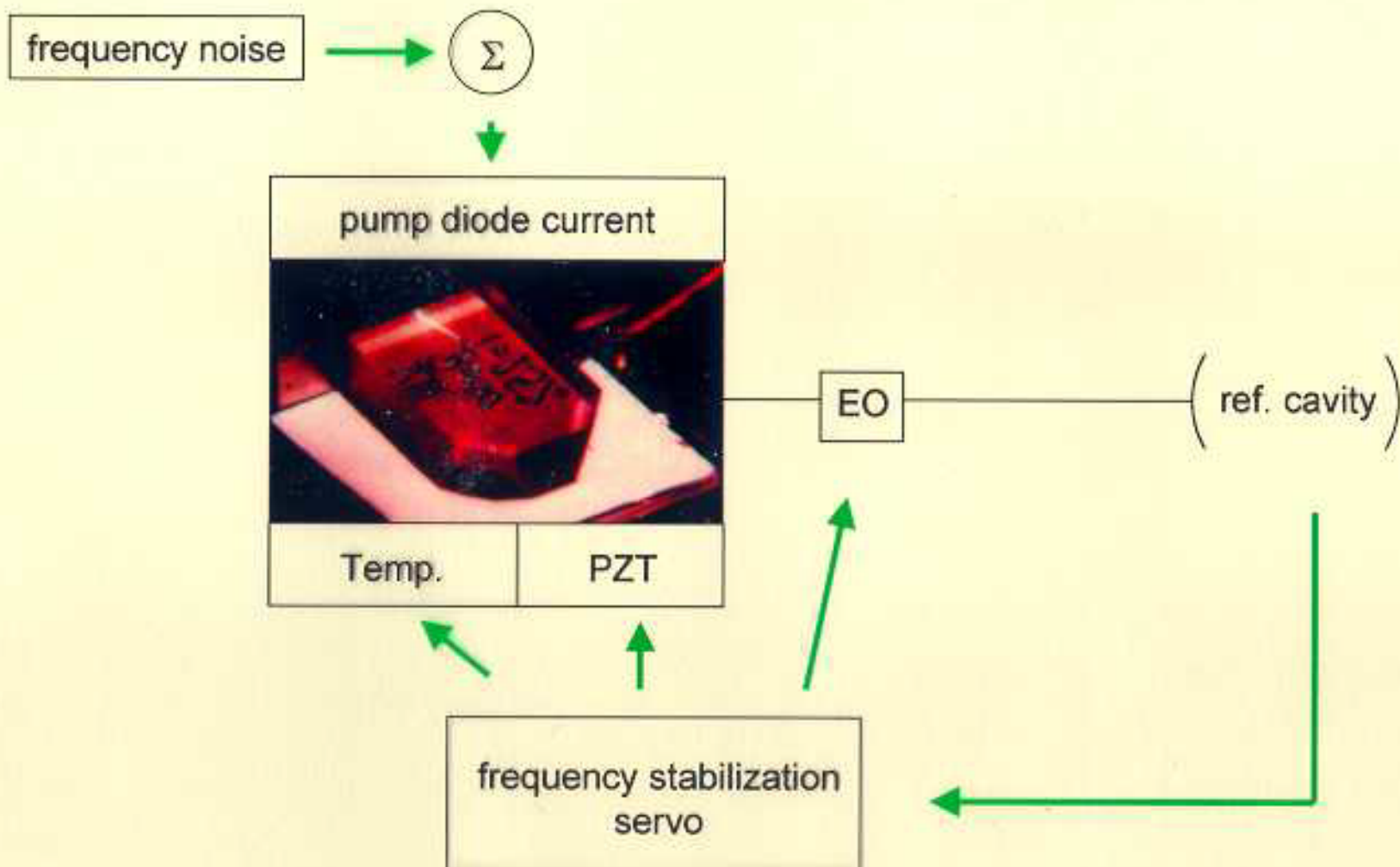
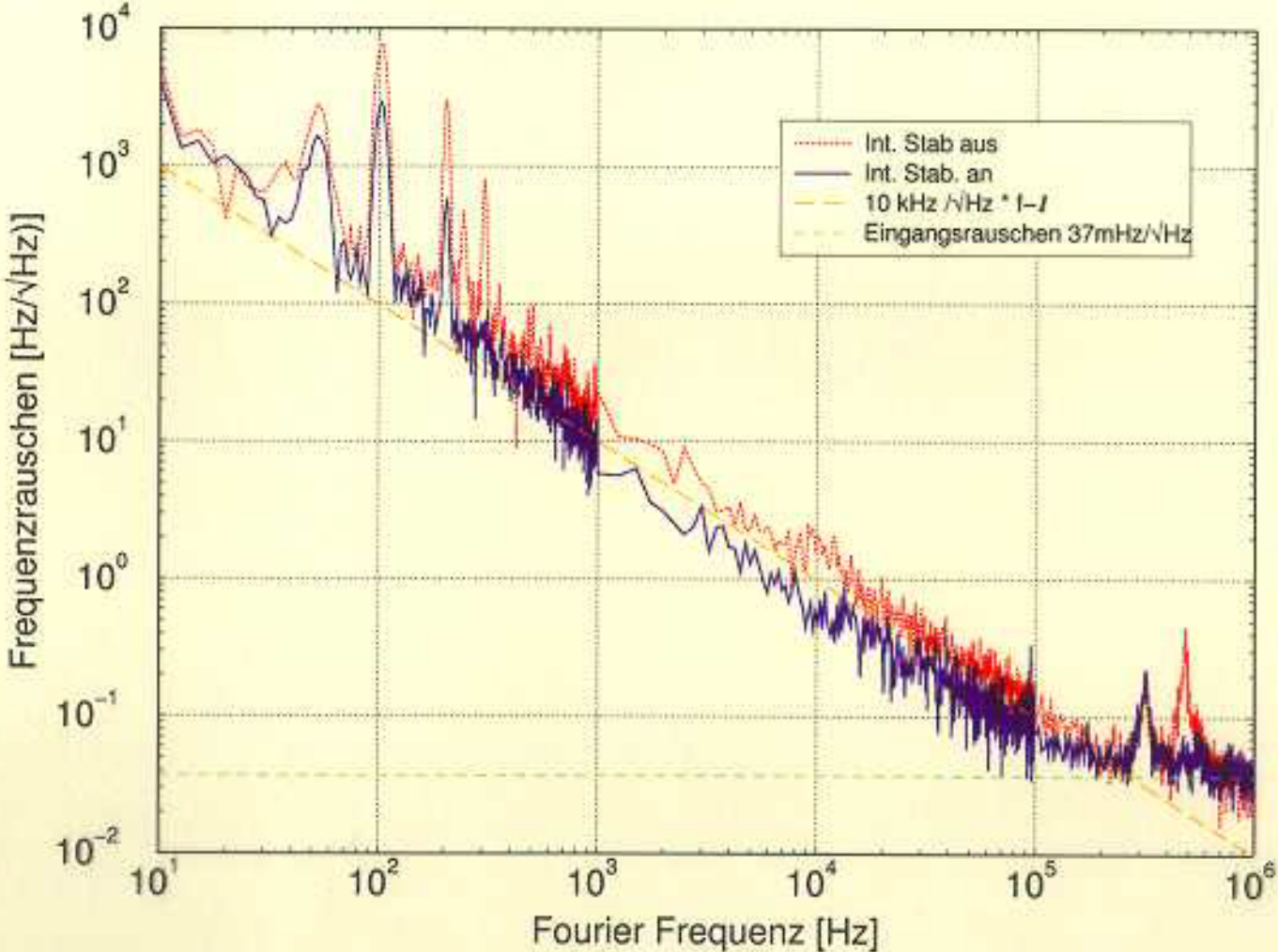


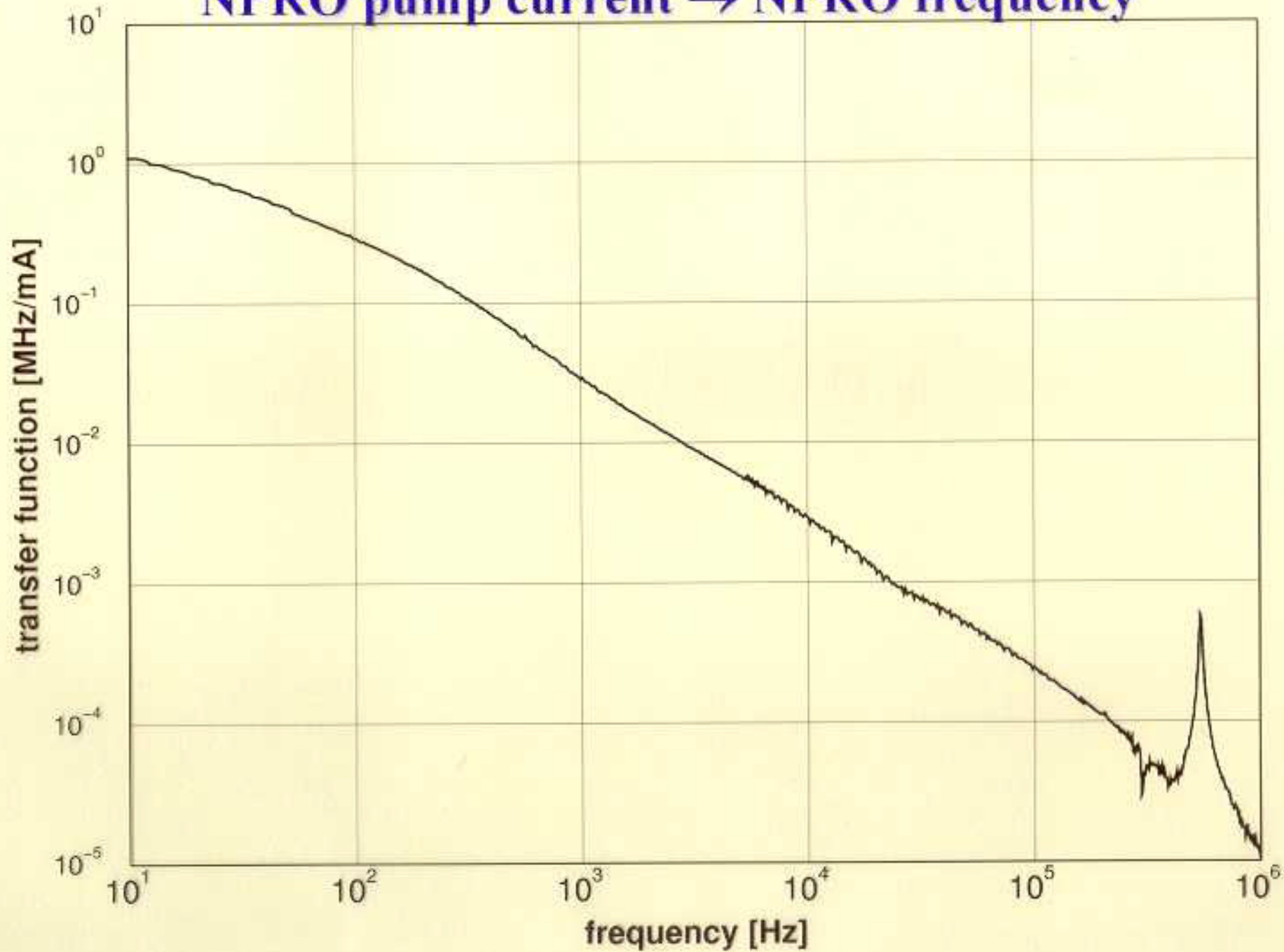
conventional locking scheme



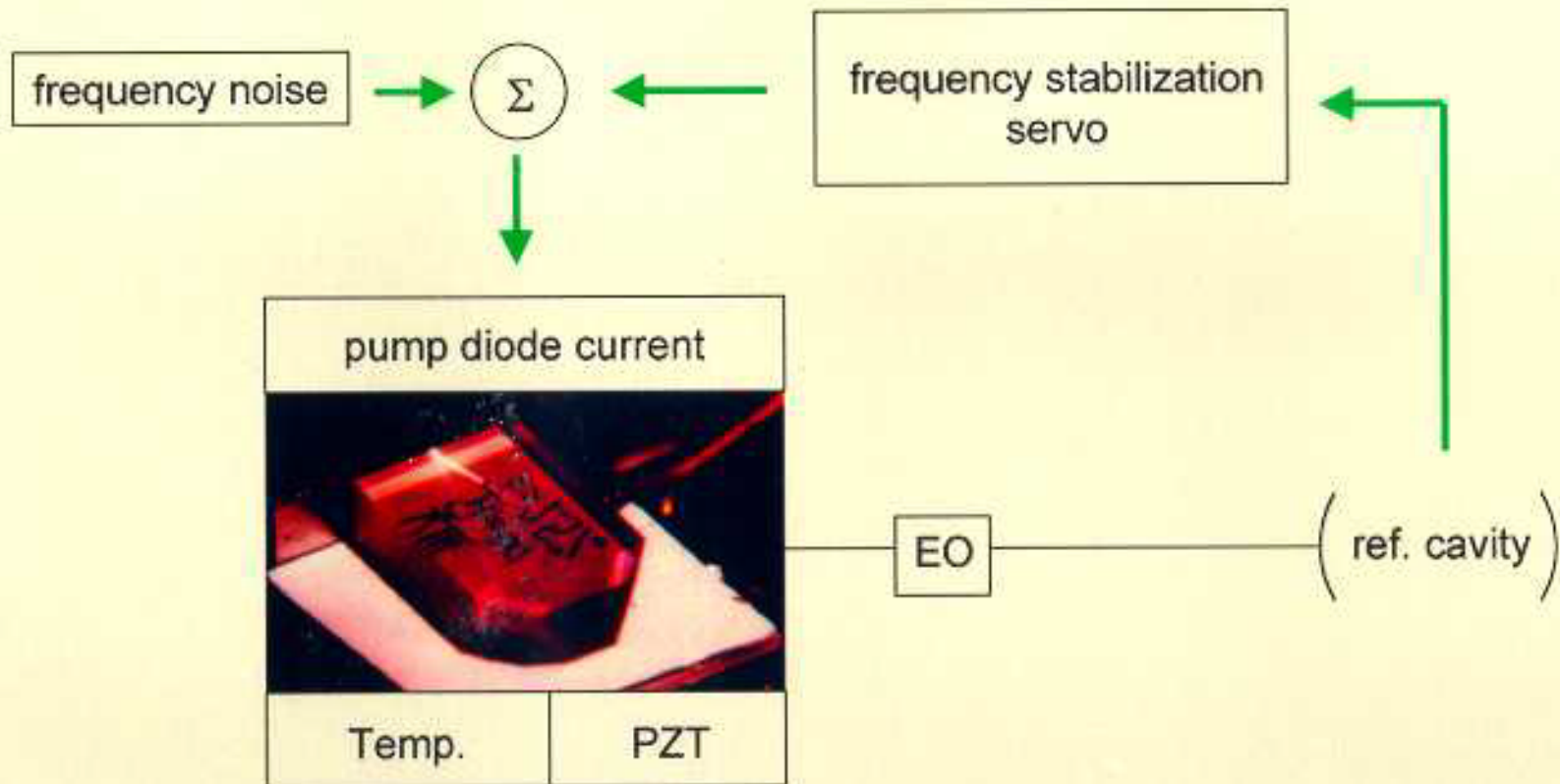
FREQUENZZRAUSCHEN

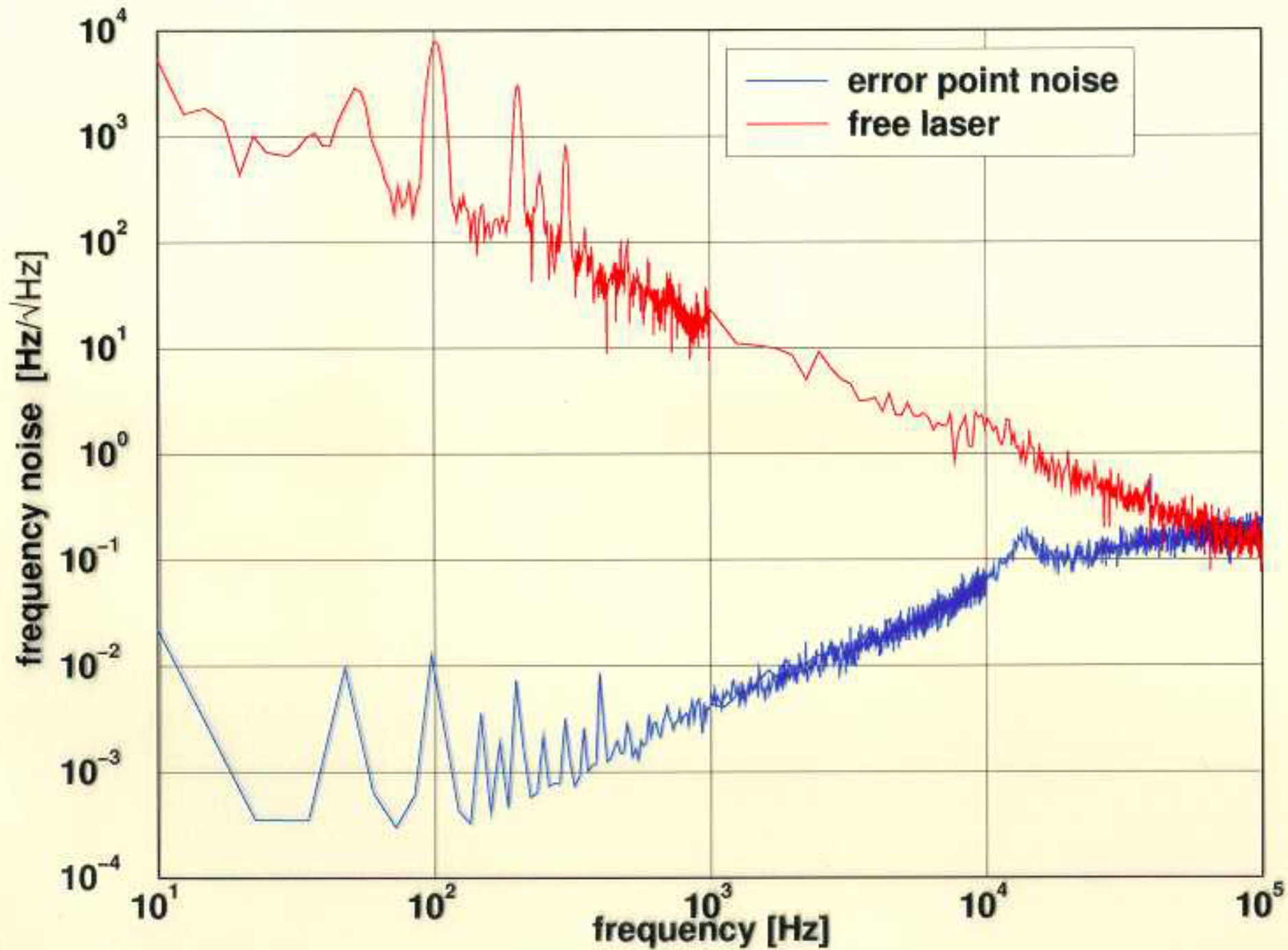


NPRO pump current \rightarrow NPRO frequency



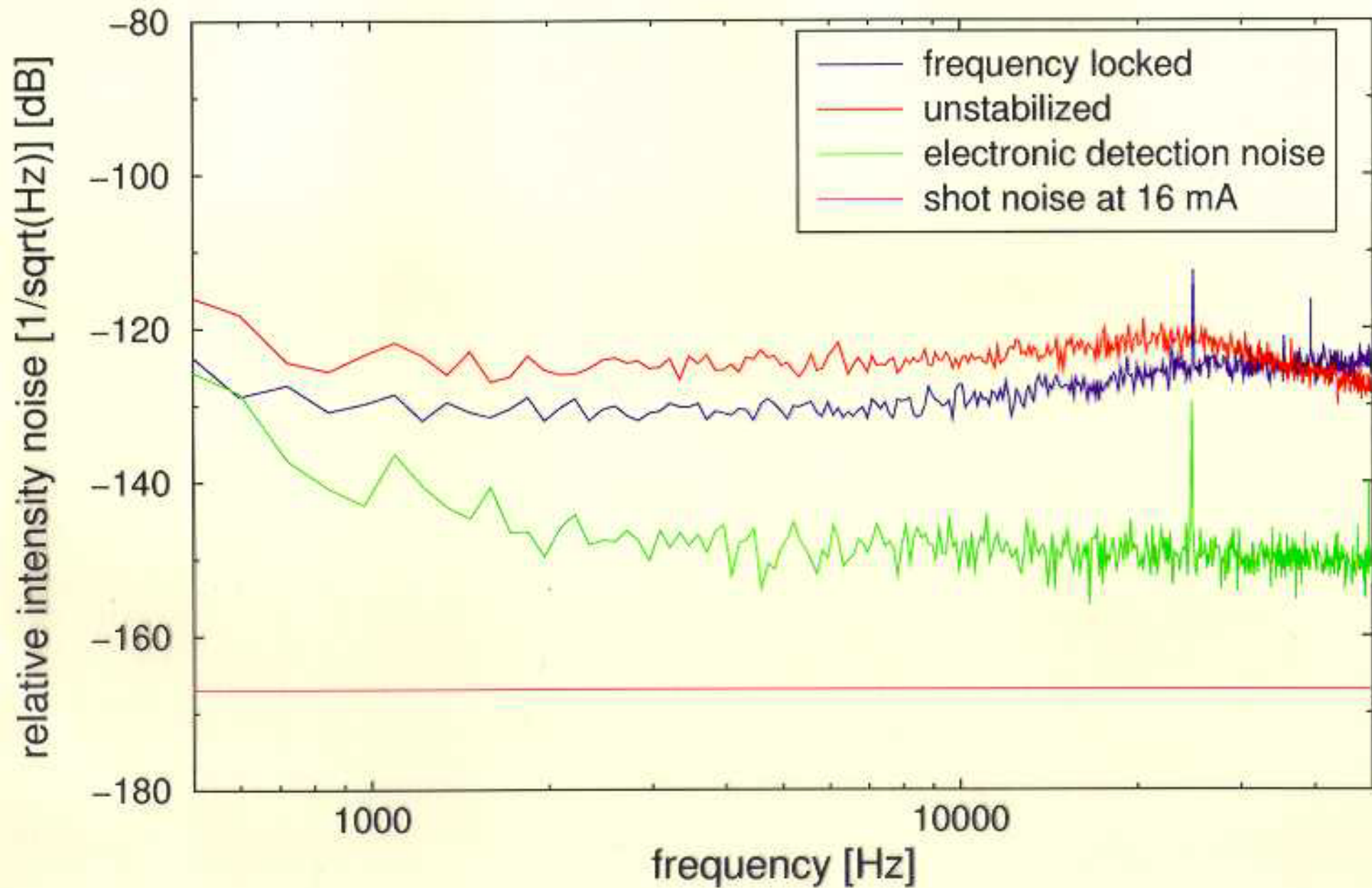
new locking scheme



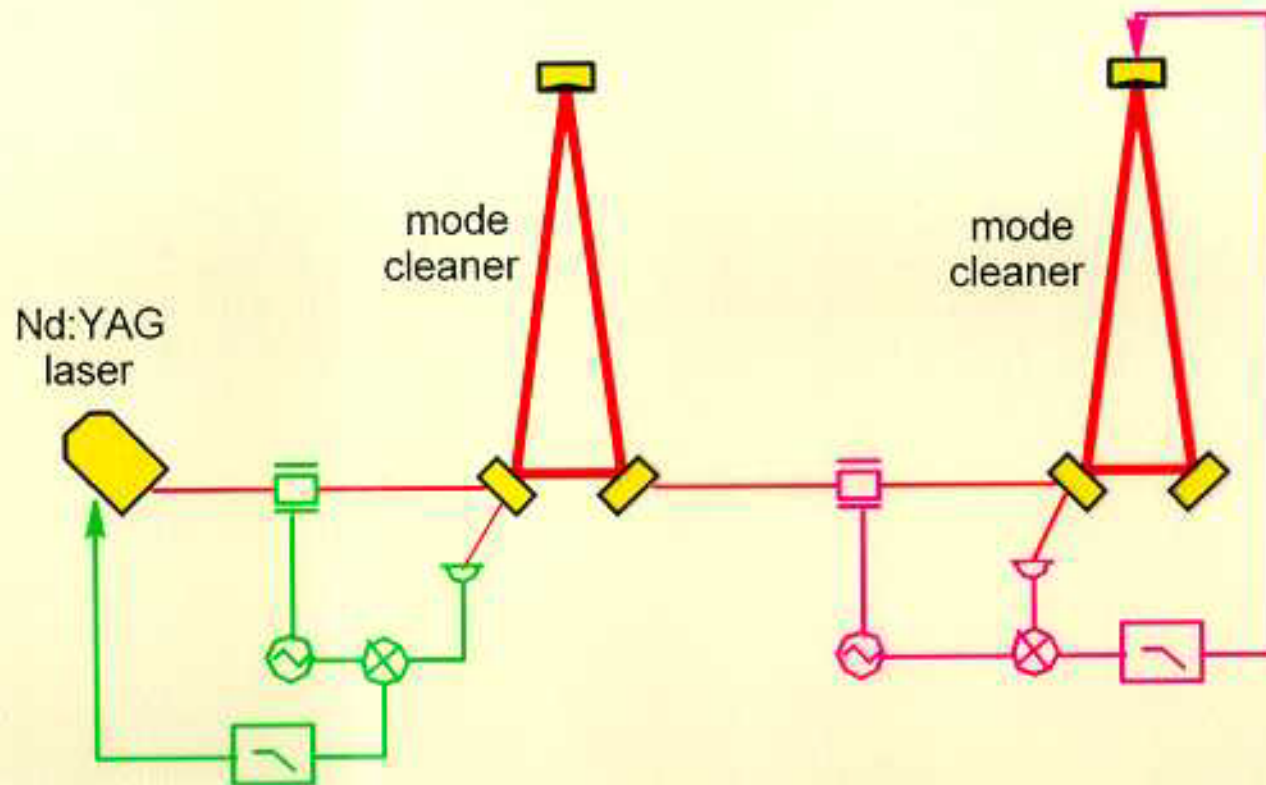


relative intensity noise

with/without frequency-lock via current



laser frequency and MC lock



MC2 feedback, cal. as freq. noise, laser locked to MC1 with current lock

