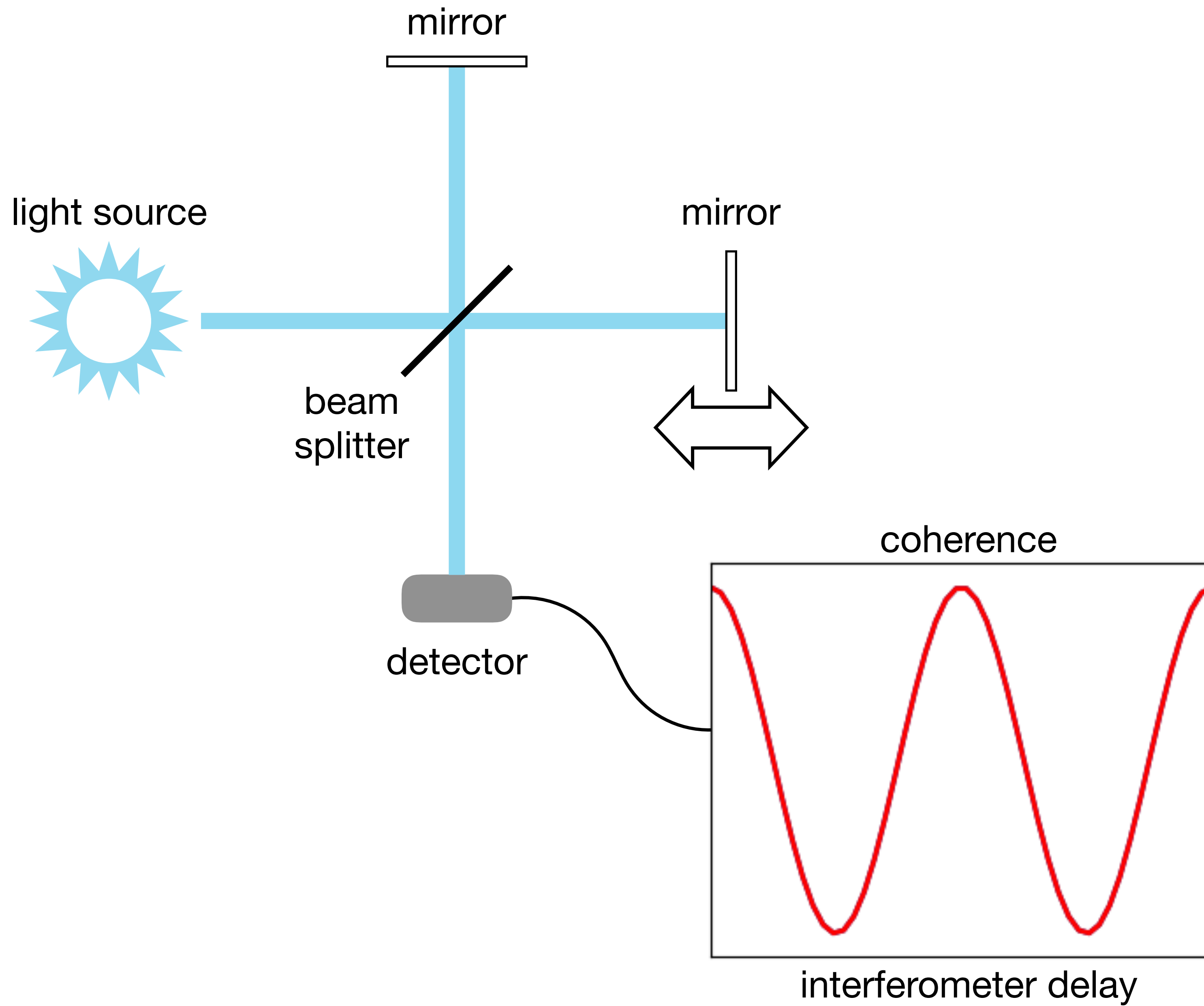


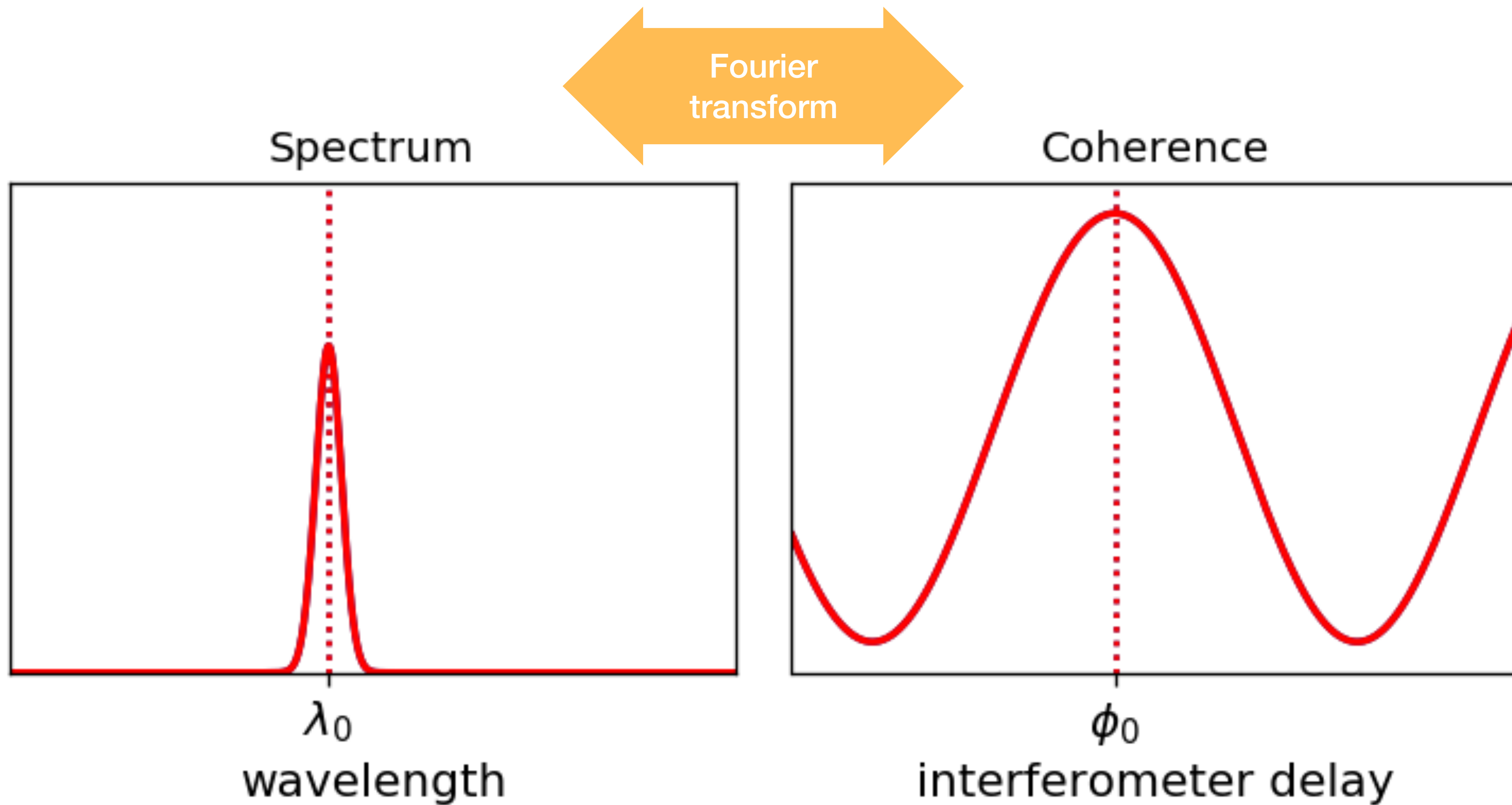


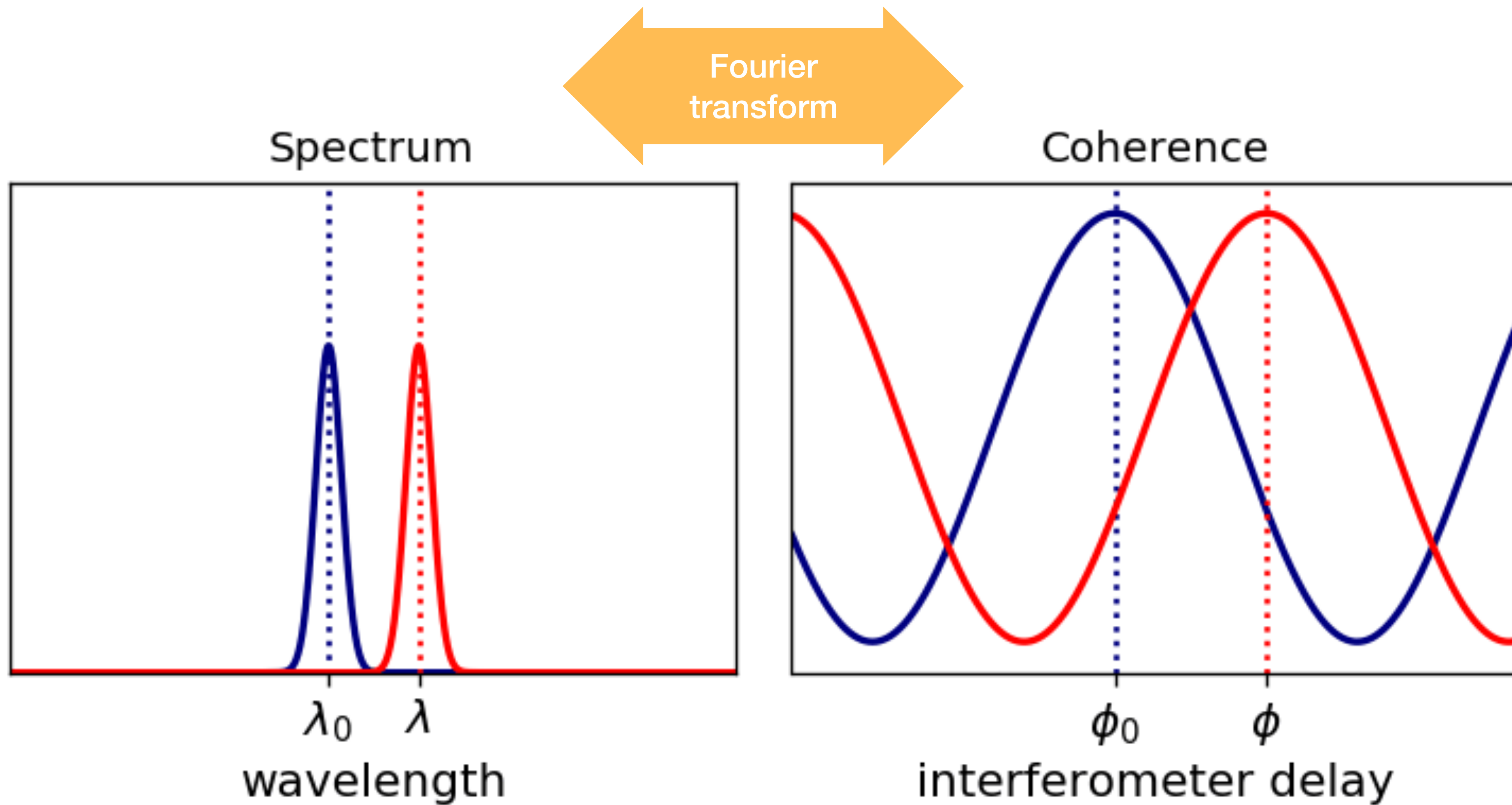
J. S. Allcock^{1,2}, S. A. Silburn², J. R. Harrison², N. J. Conway², R. M. Sharples¹

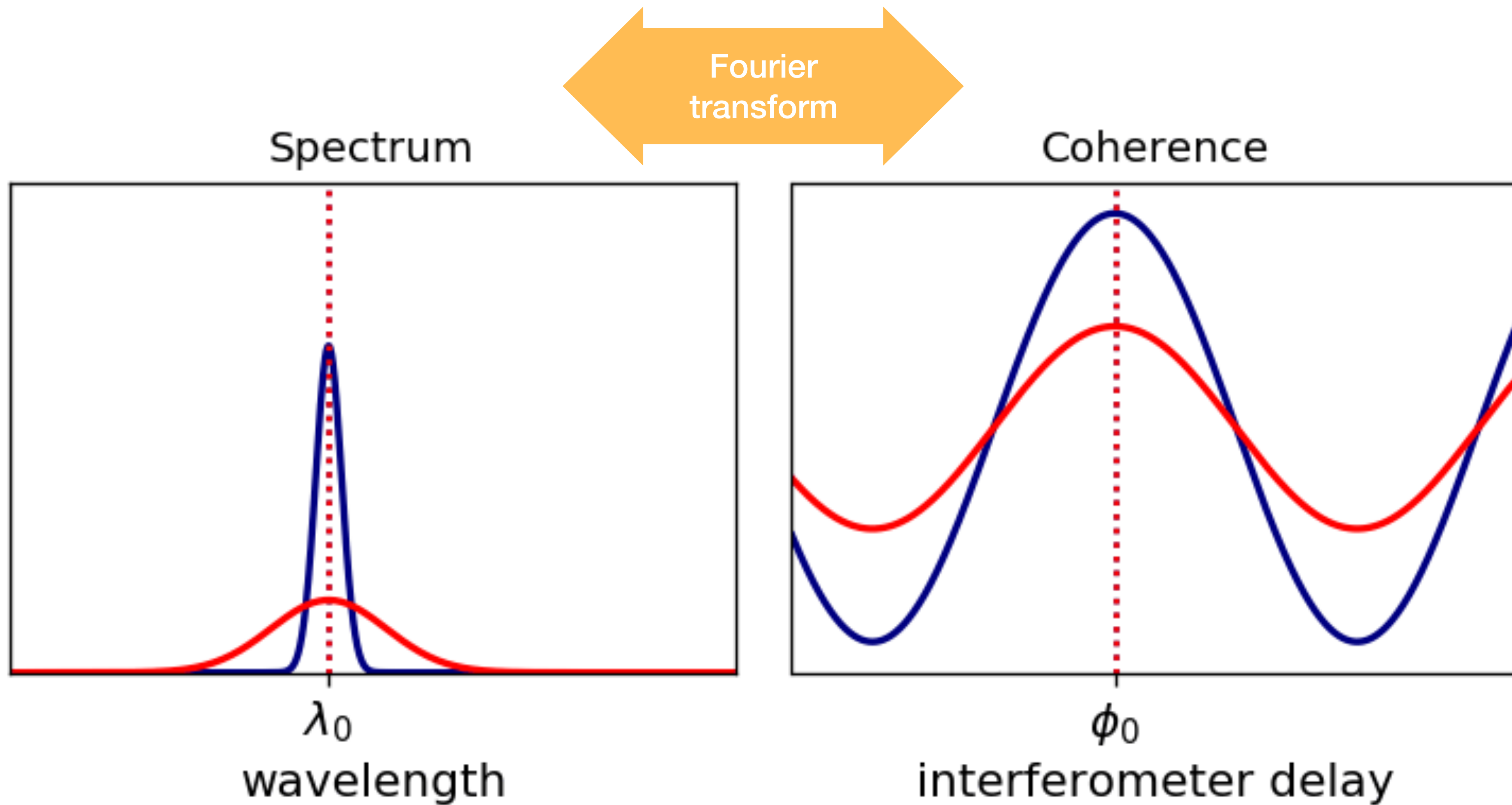
¹Centre for Advanced Instrumentation, Durham University, UK, ² Culham Centre for Fusion Energy, UK

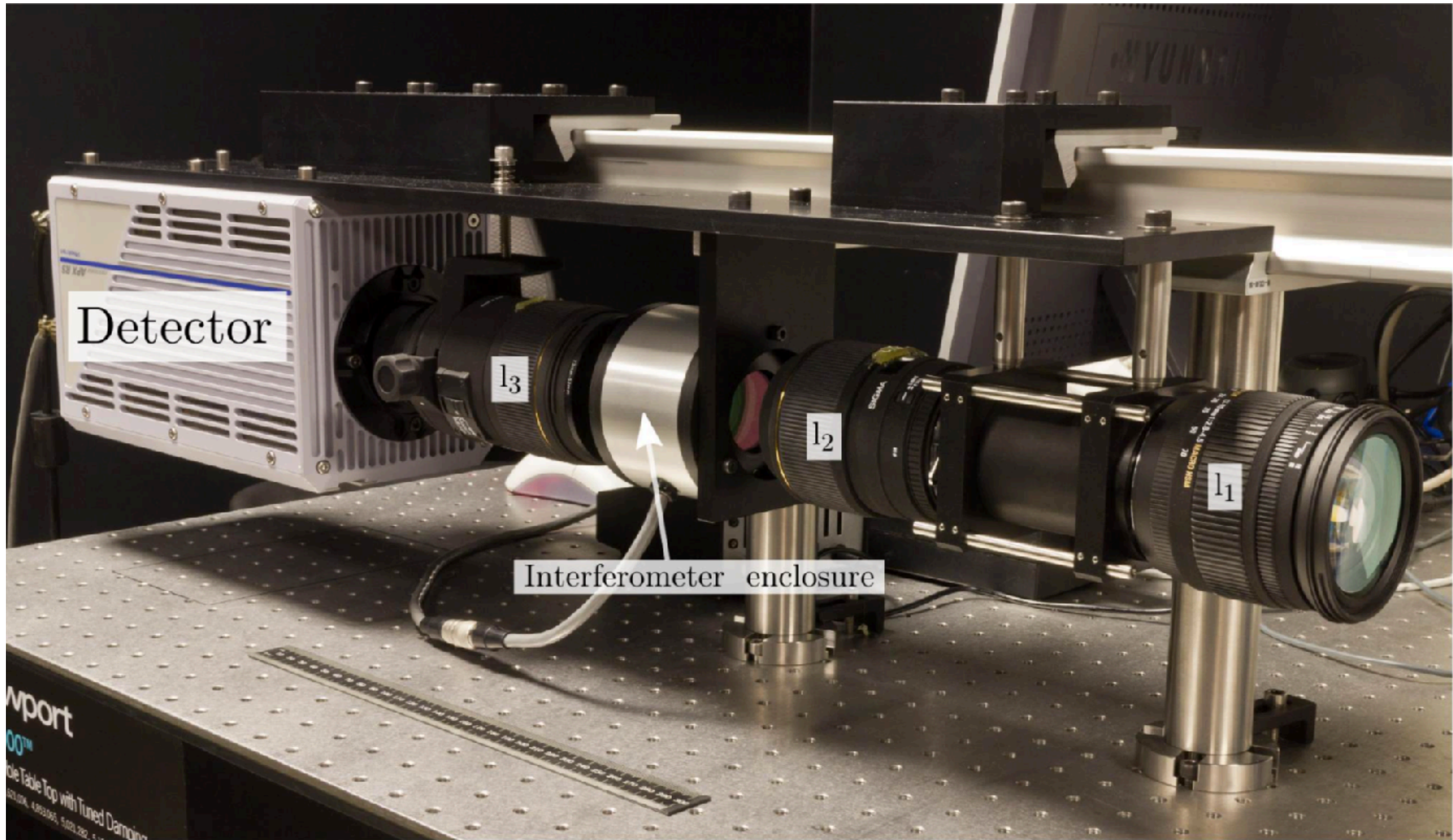


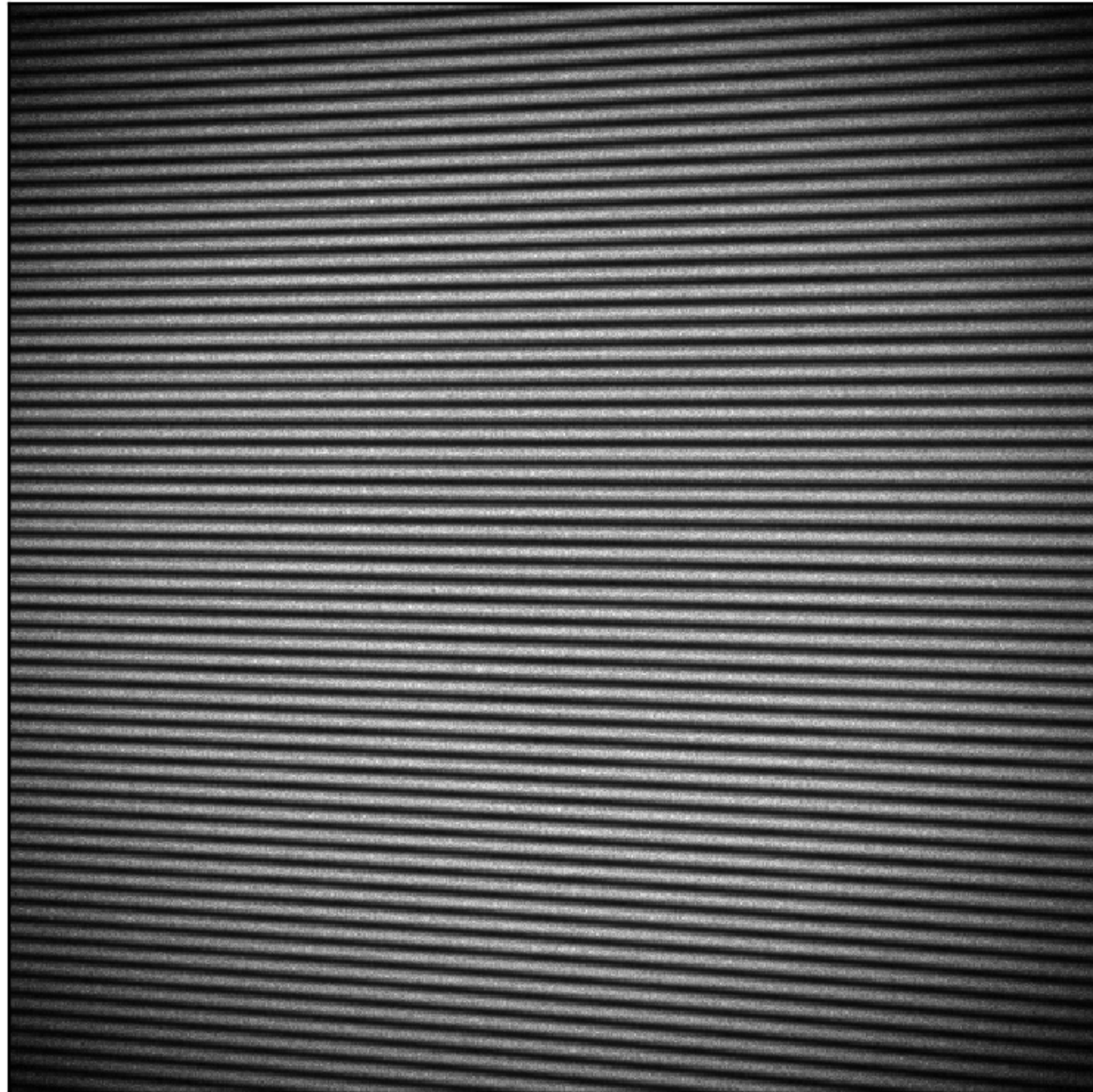






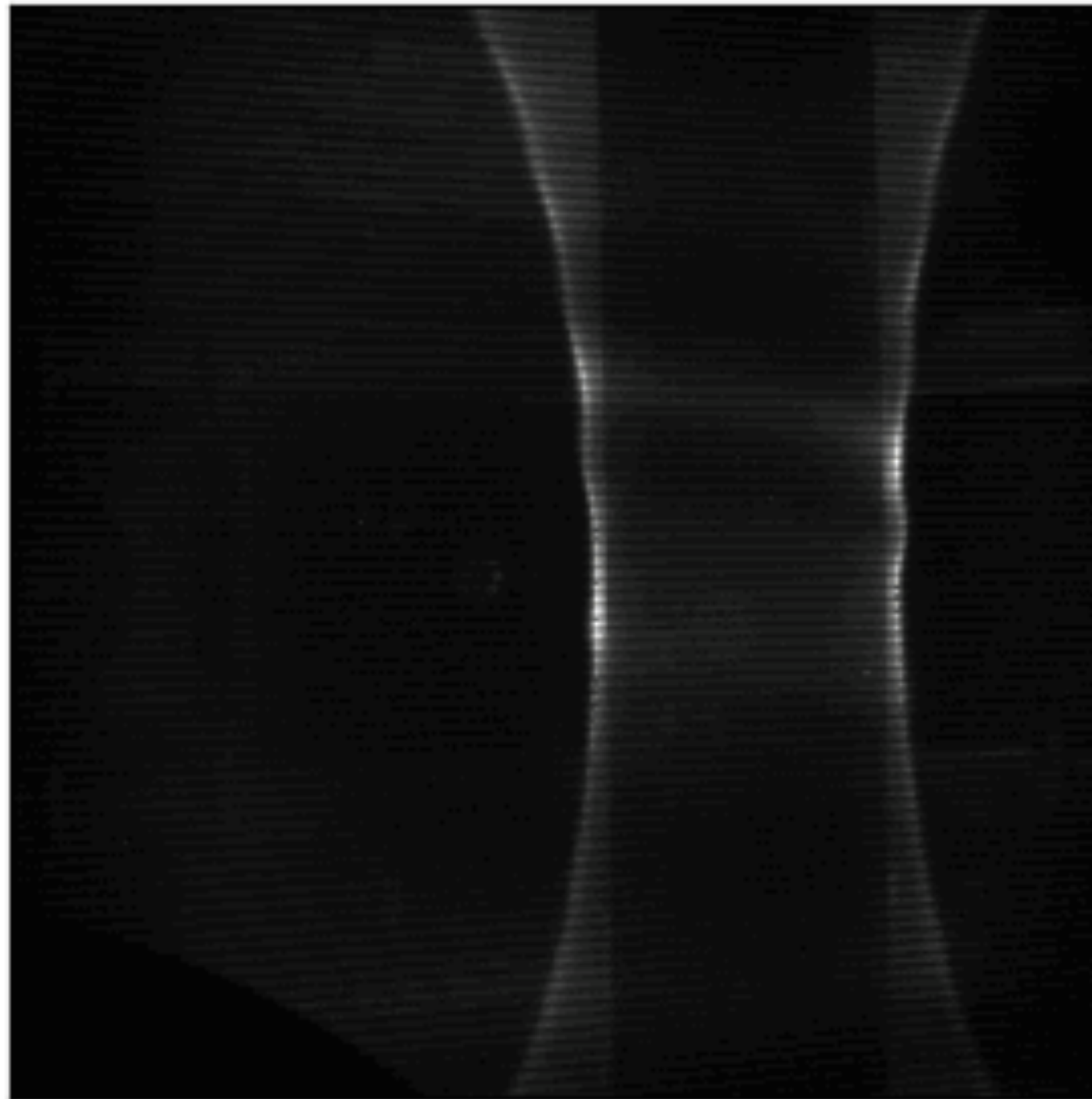




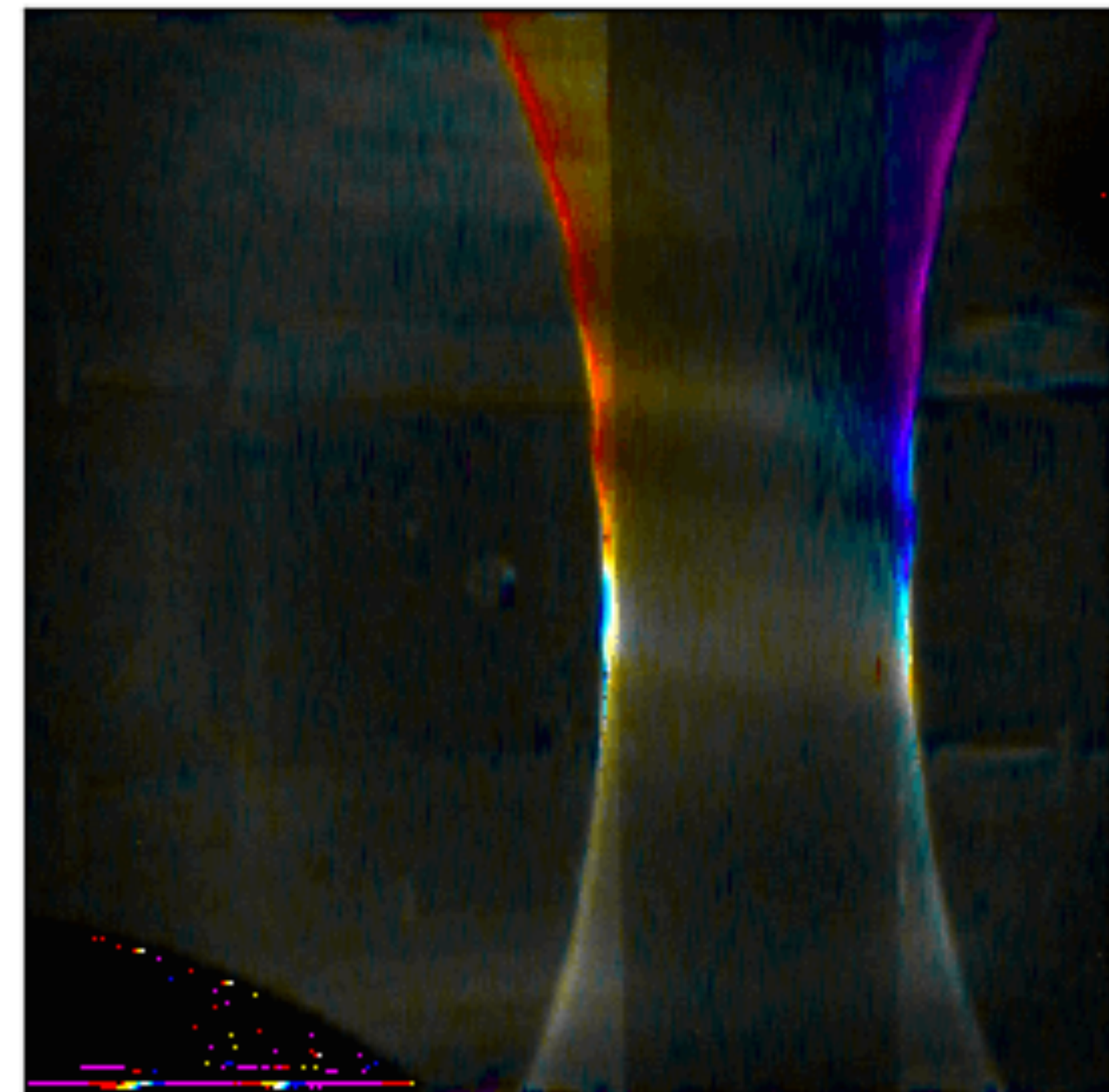


interference fringes

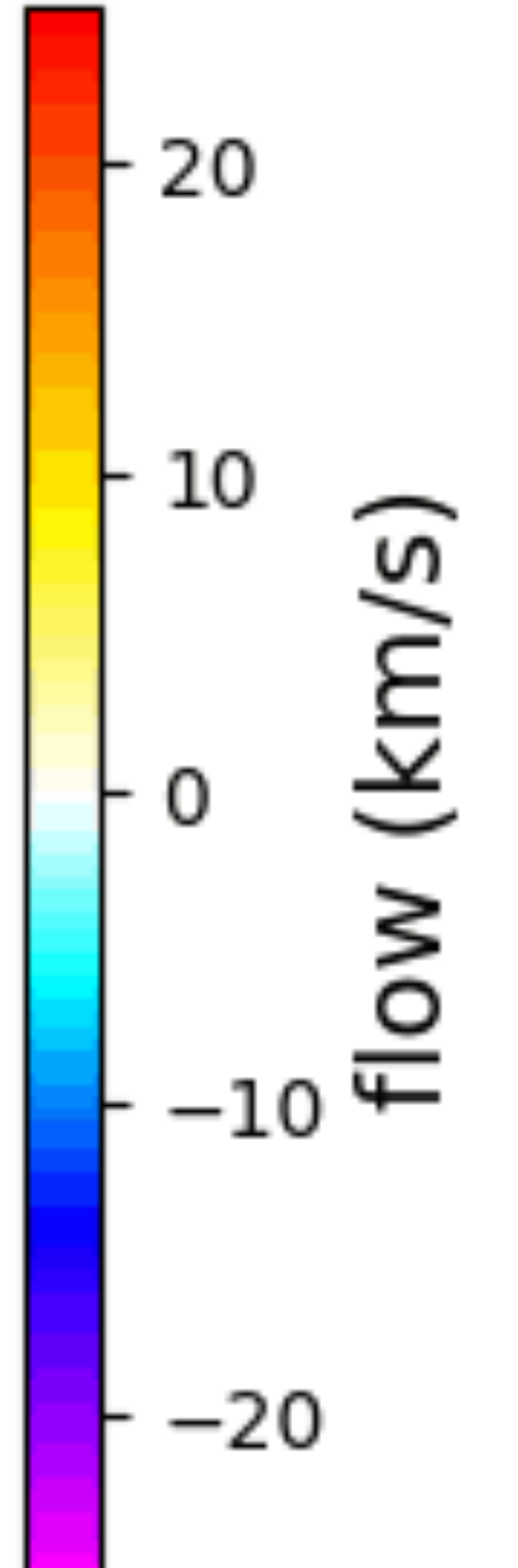
time = 249ms



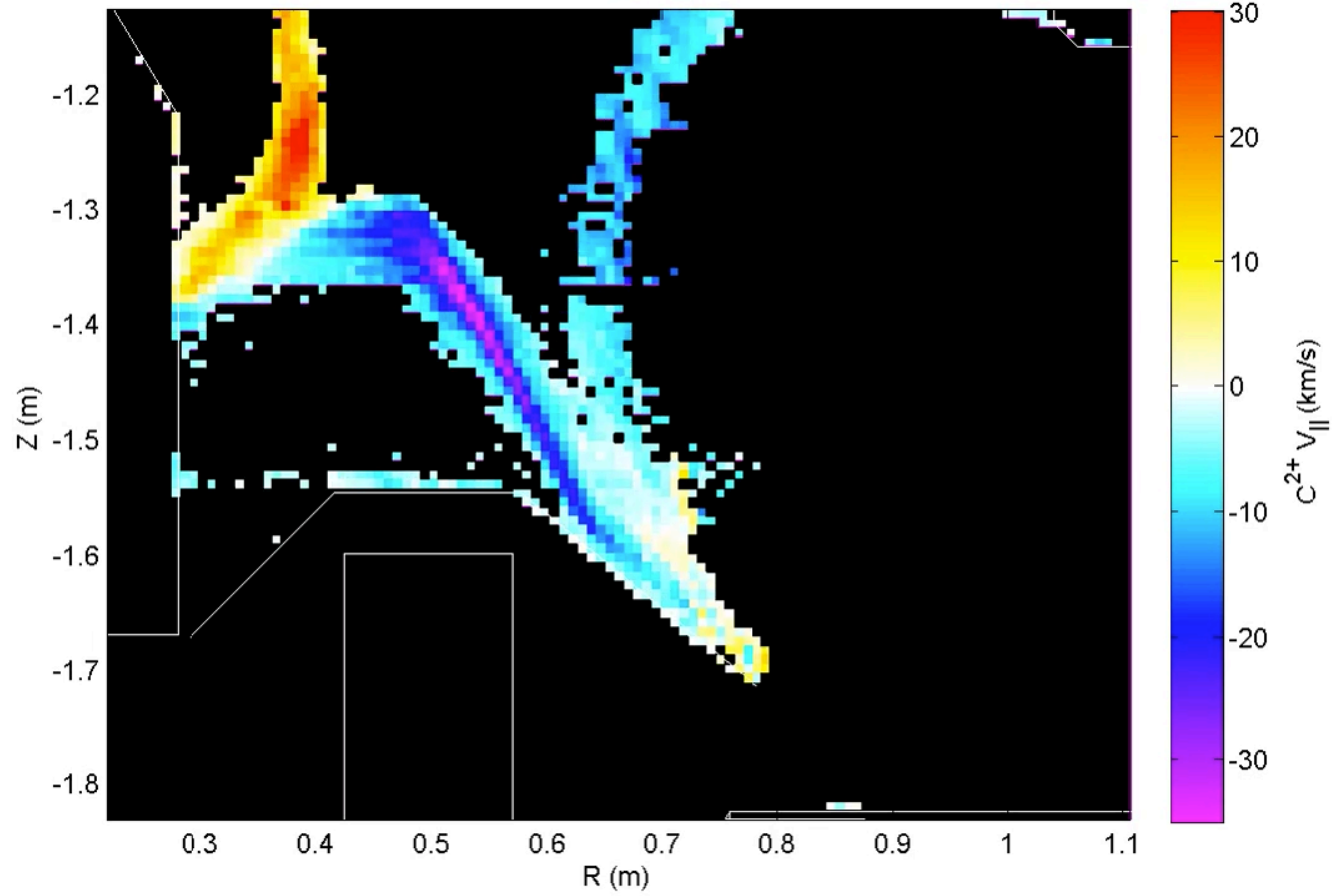
raw data

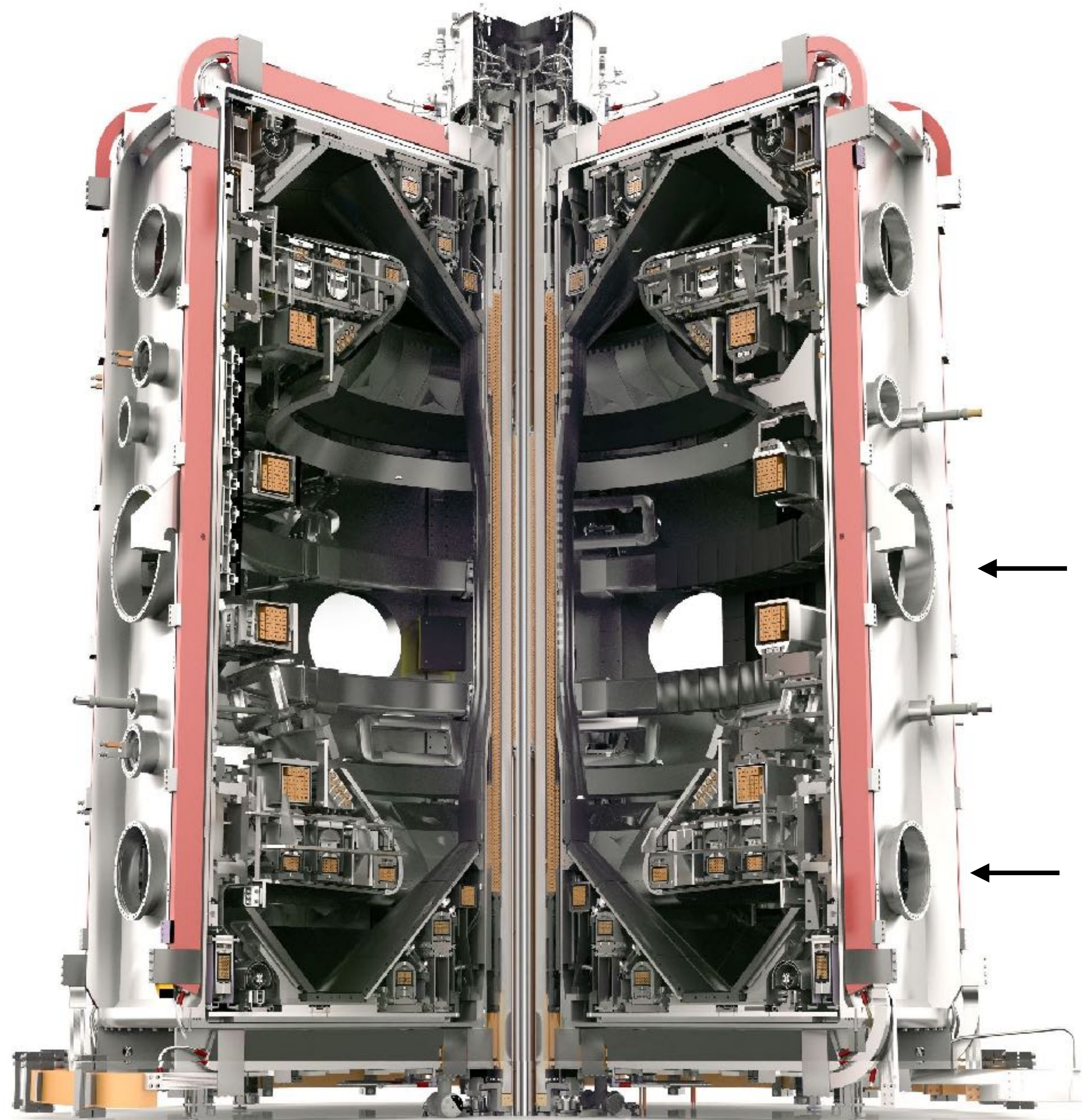


analysed data



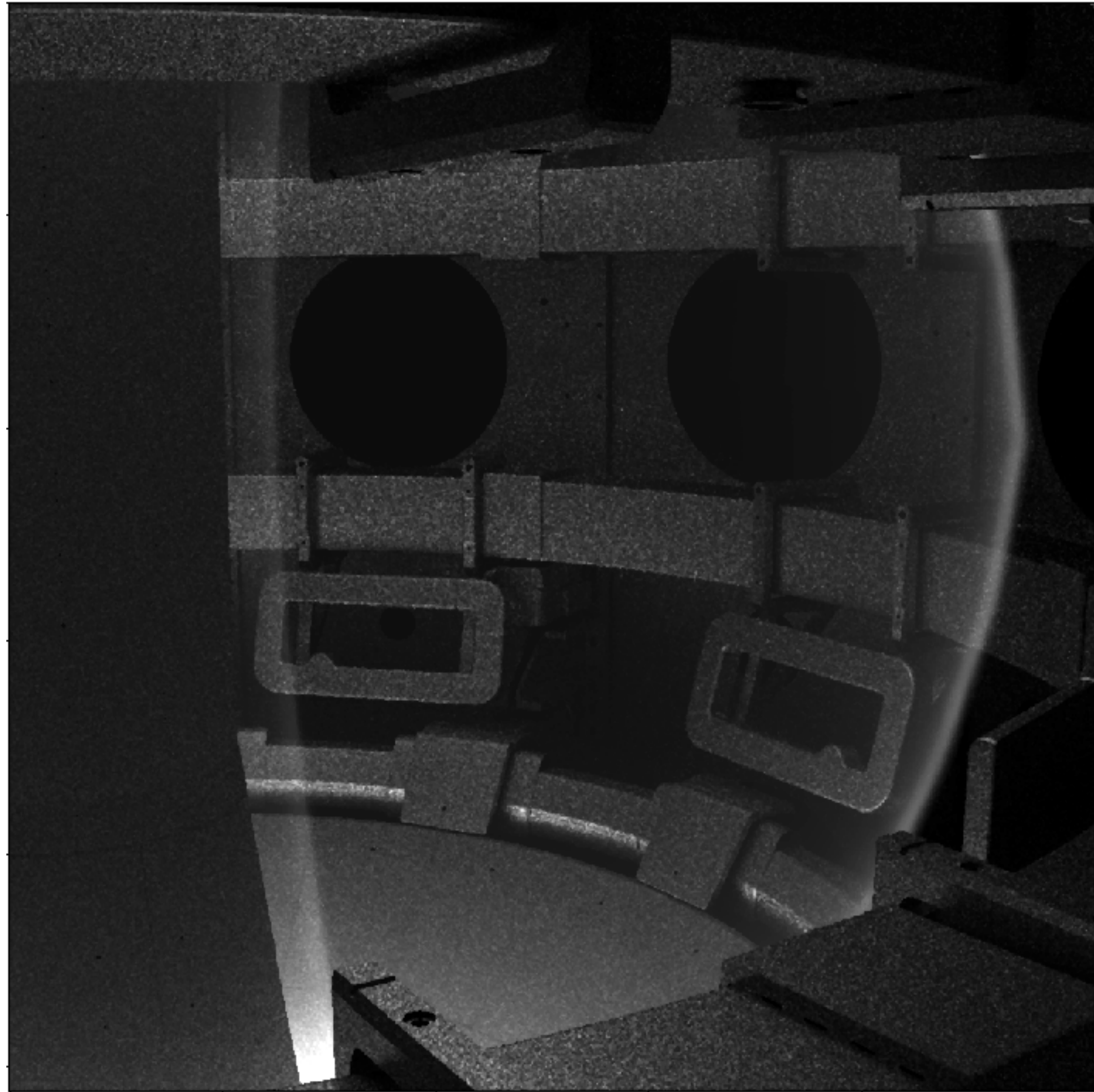
Shot # 29541 @ t = 184 ms.



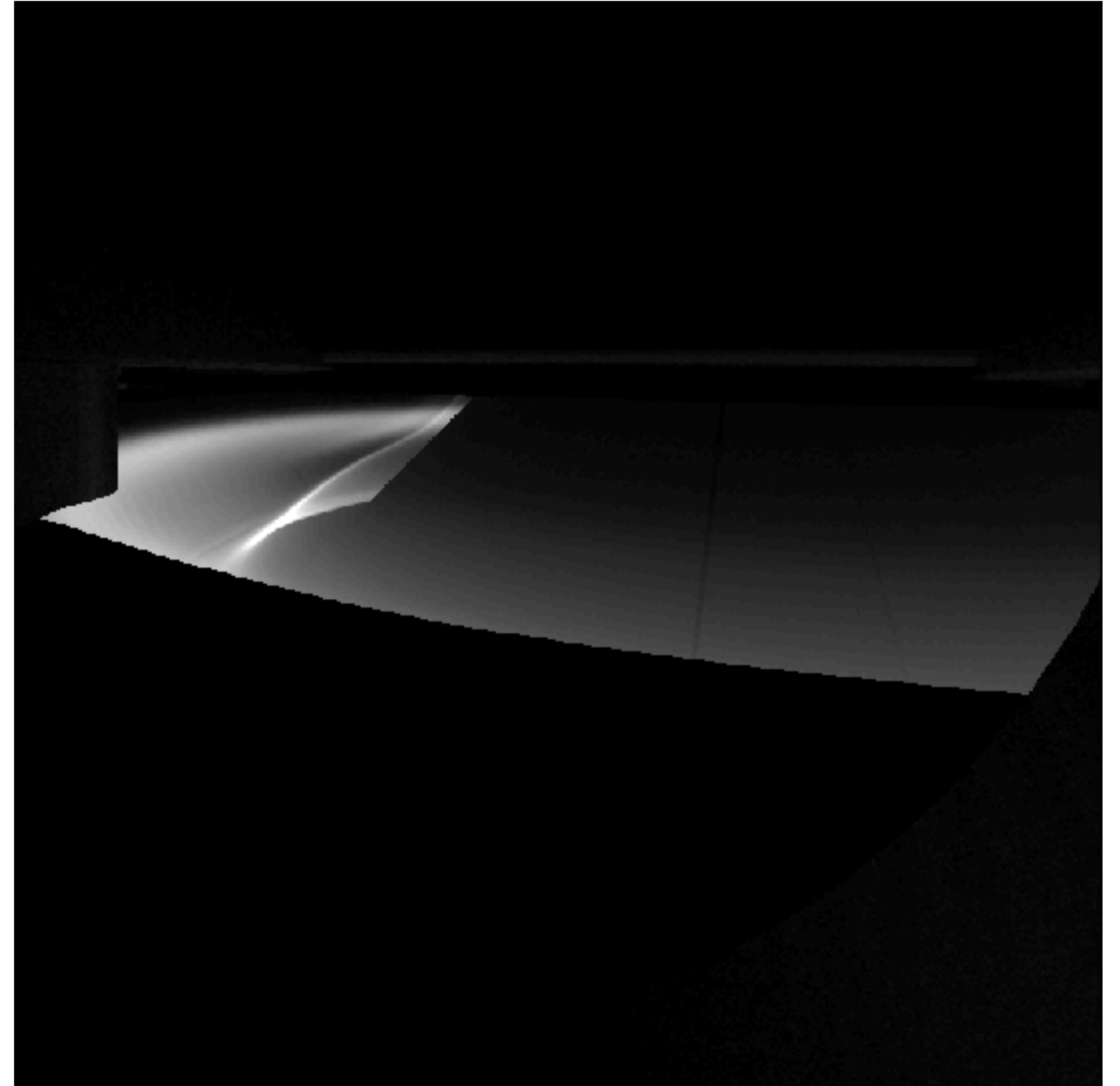


← midplane view

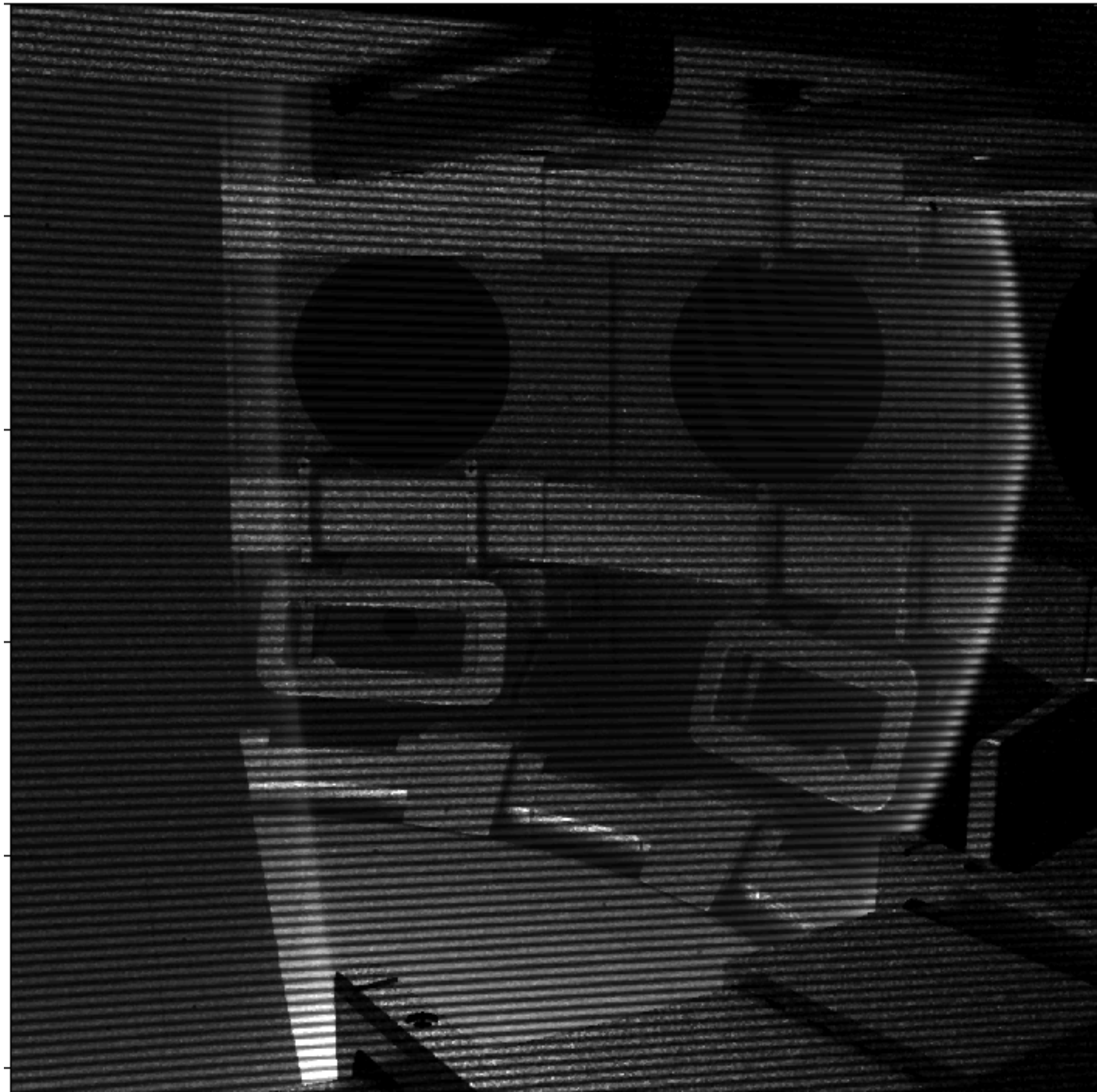
← divertor view



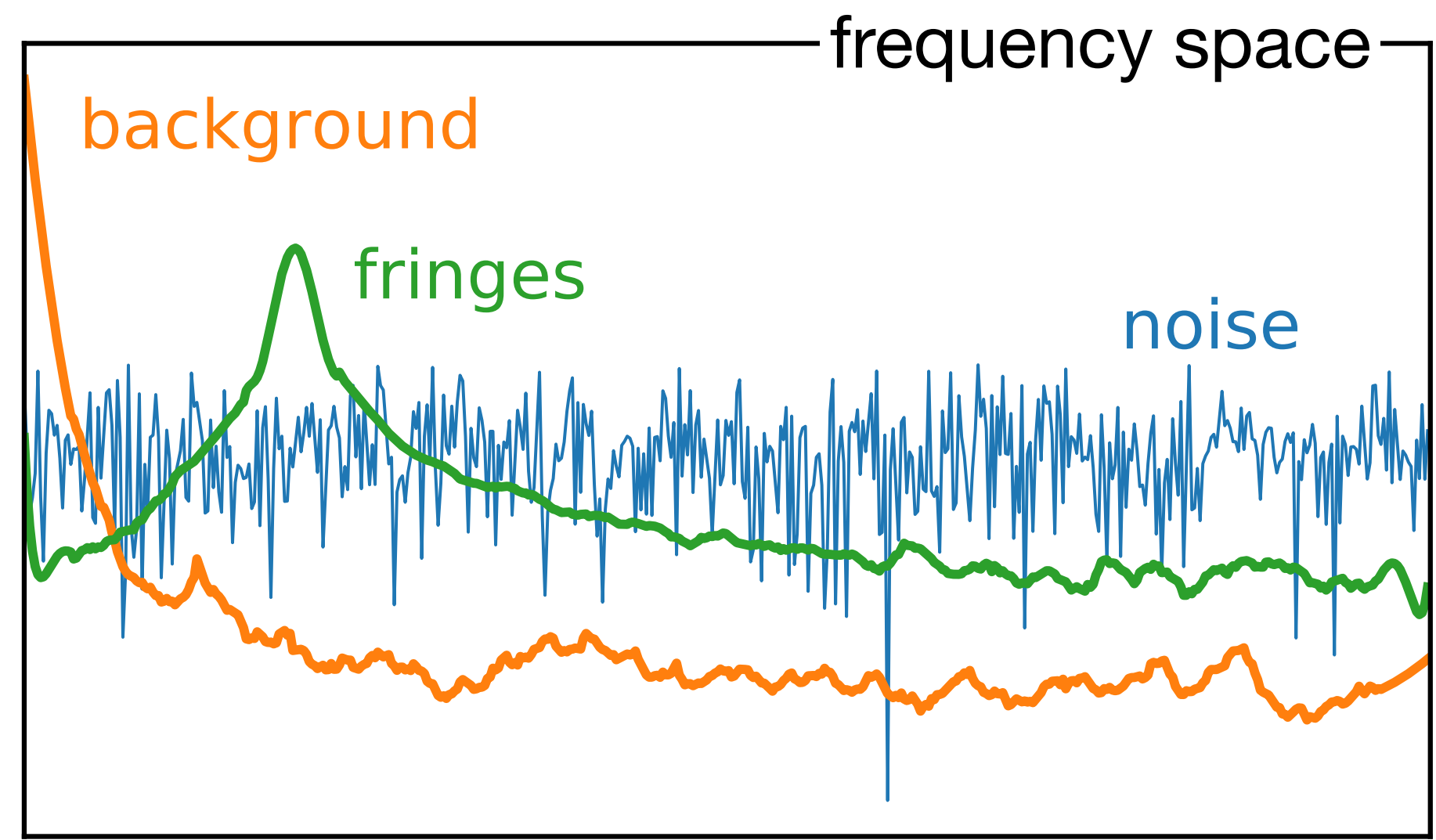
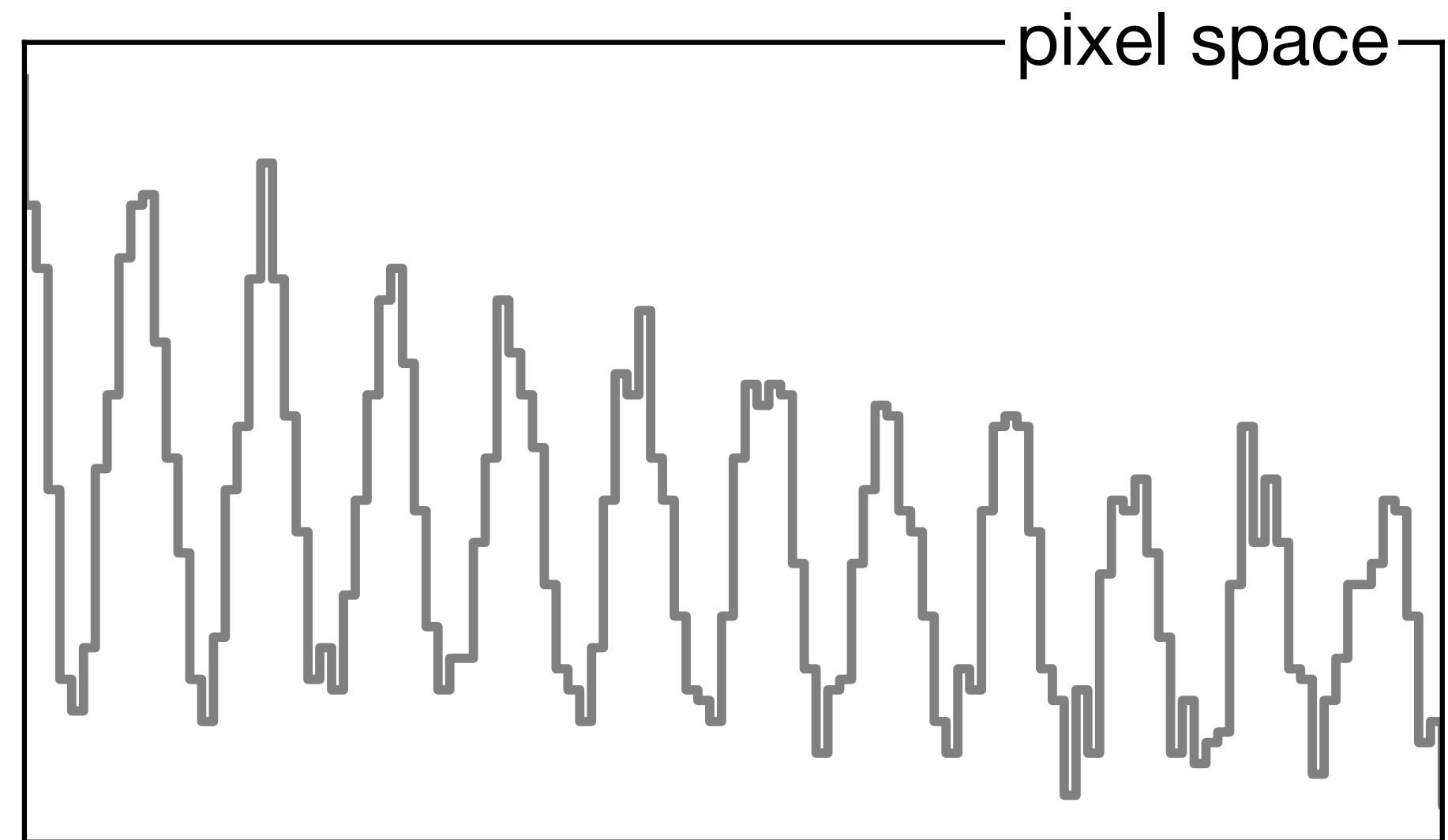
midplane view

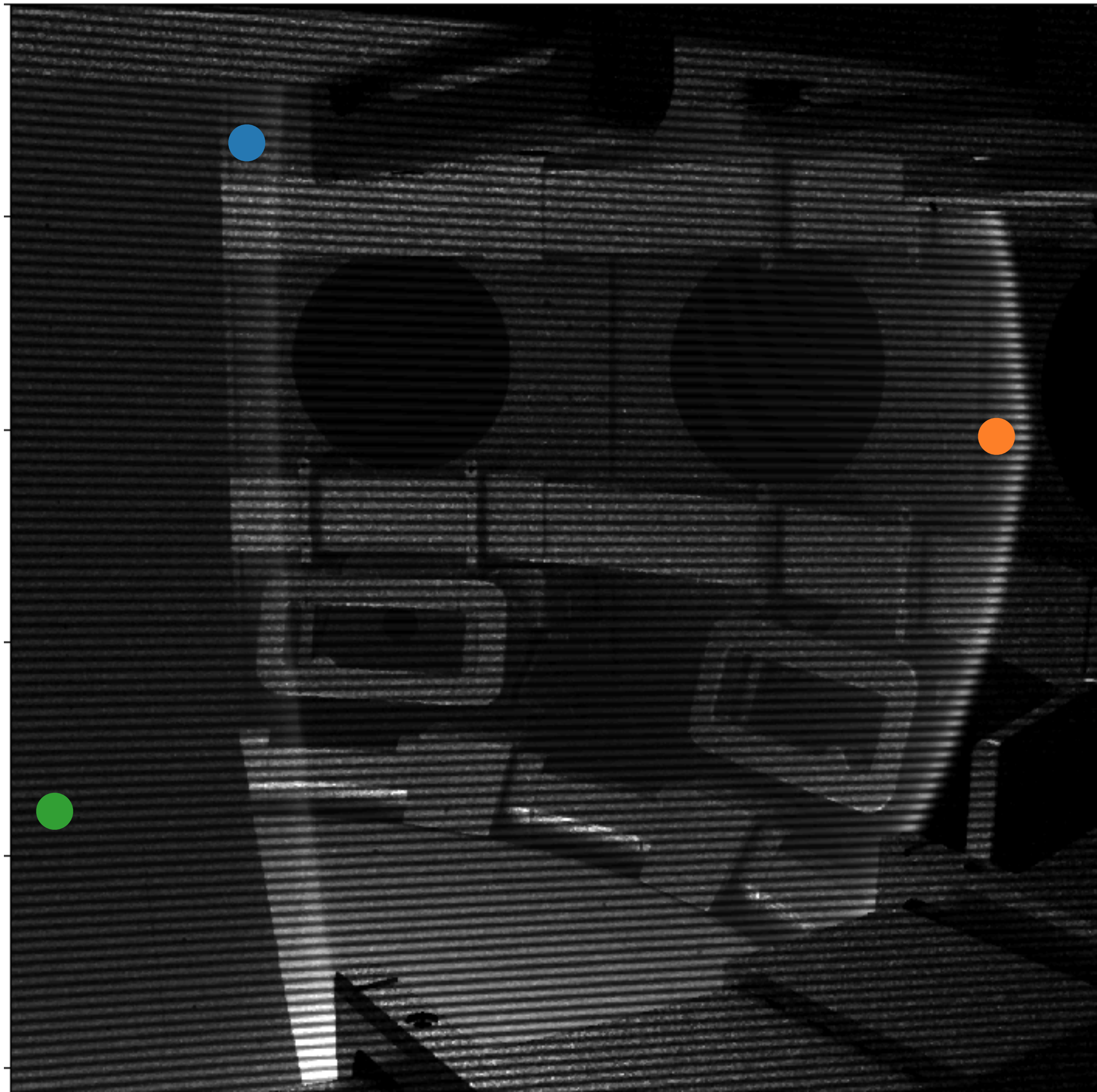


divertor view

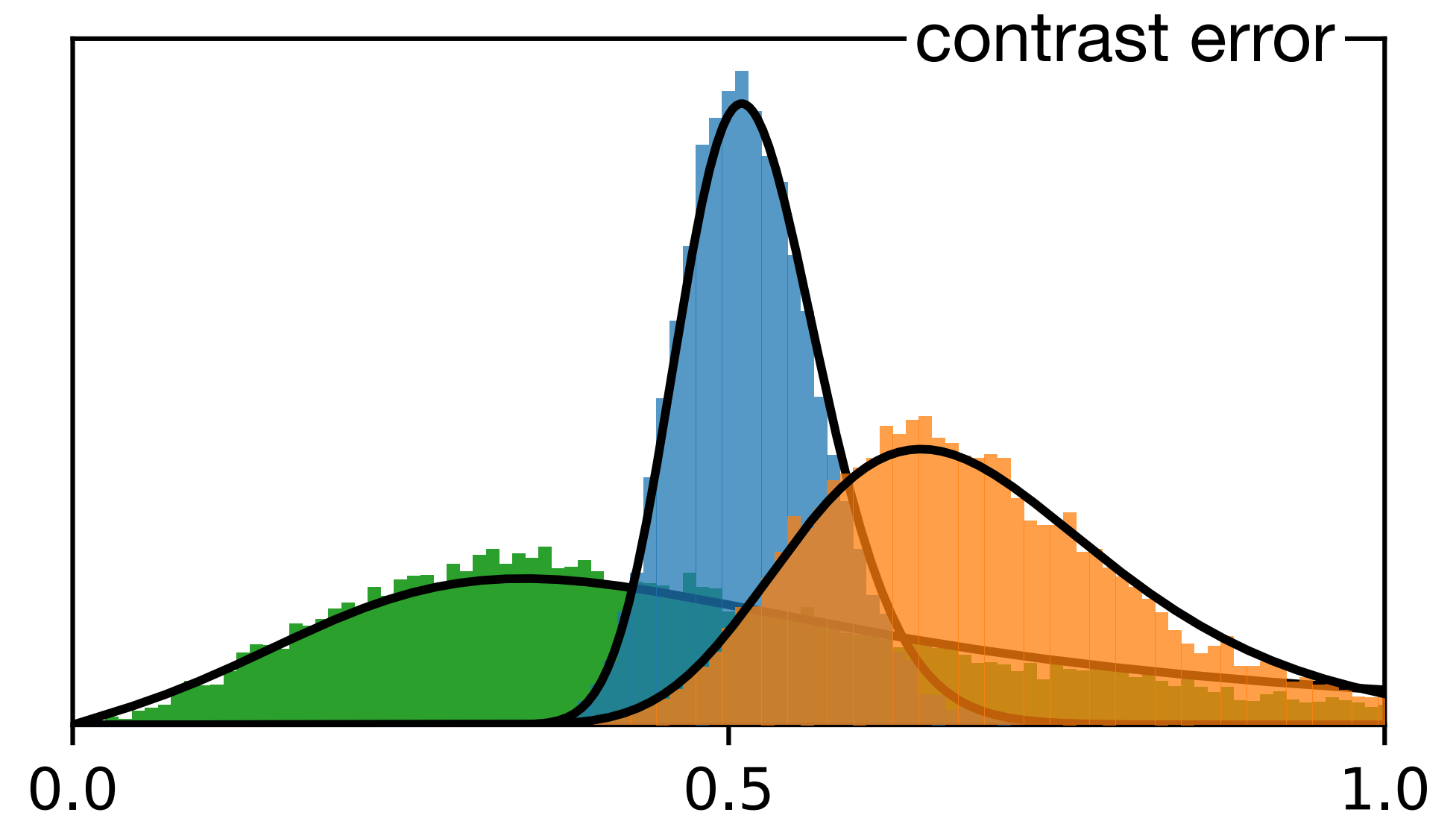
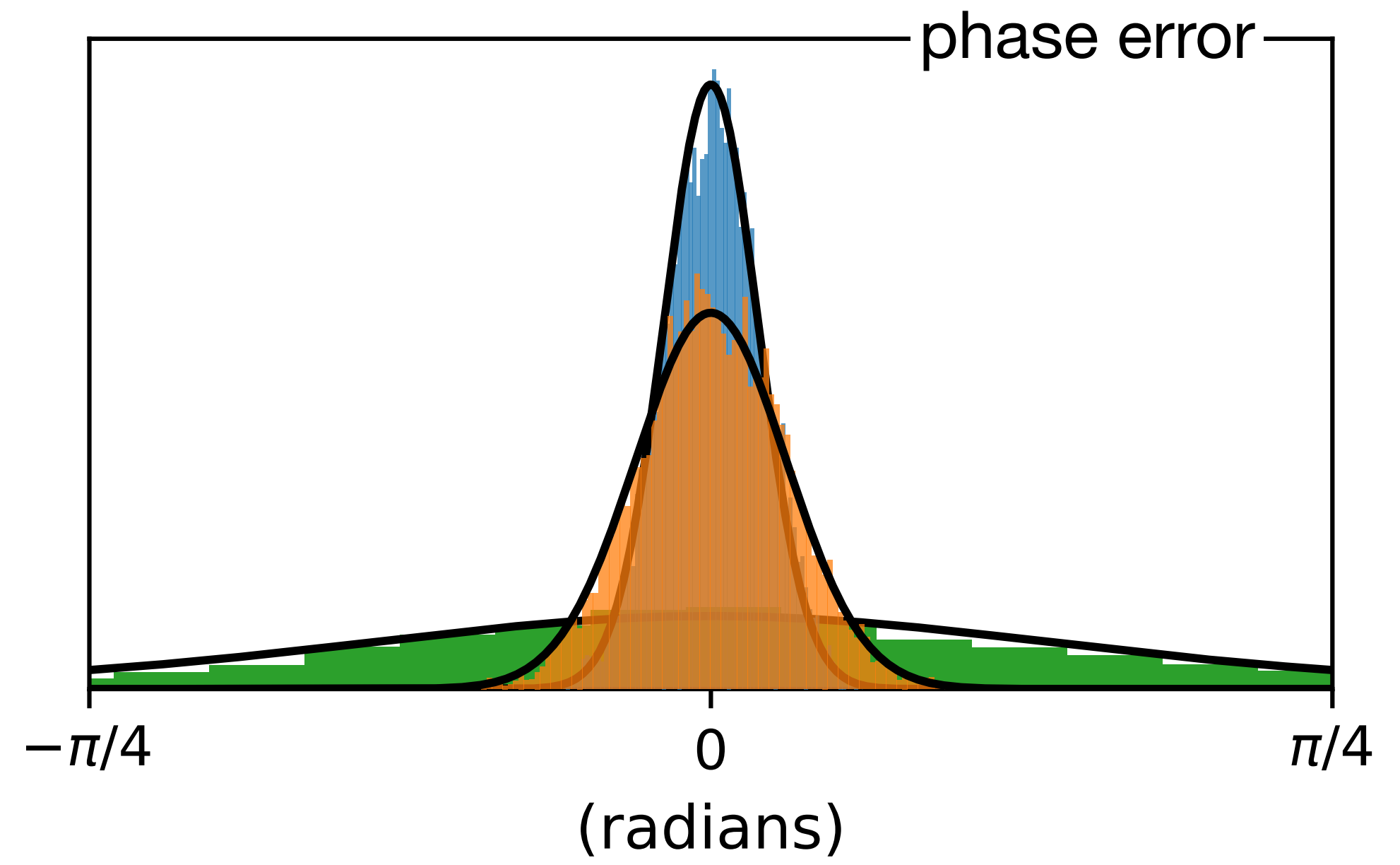


midplane view

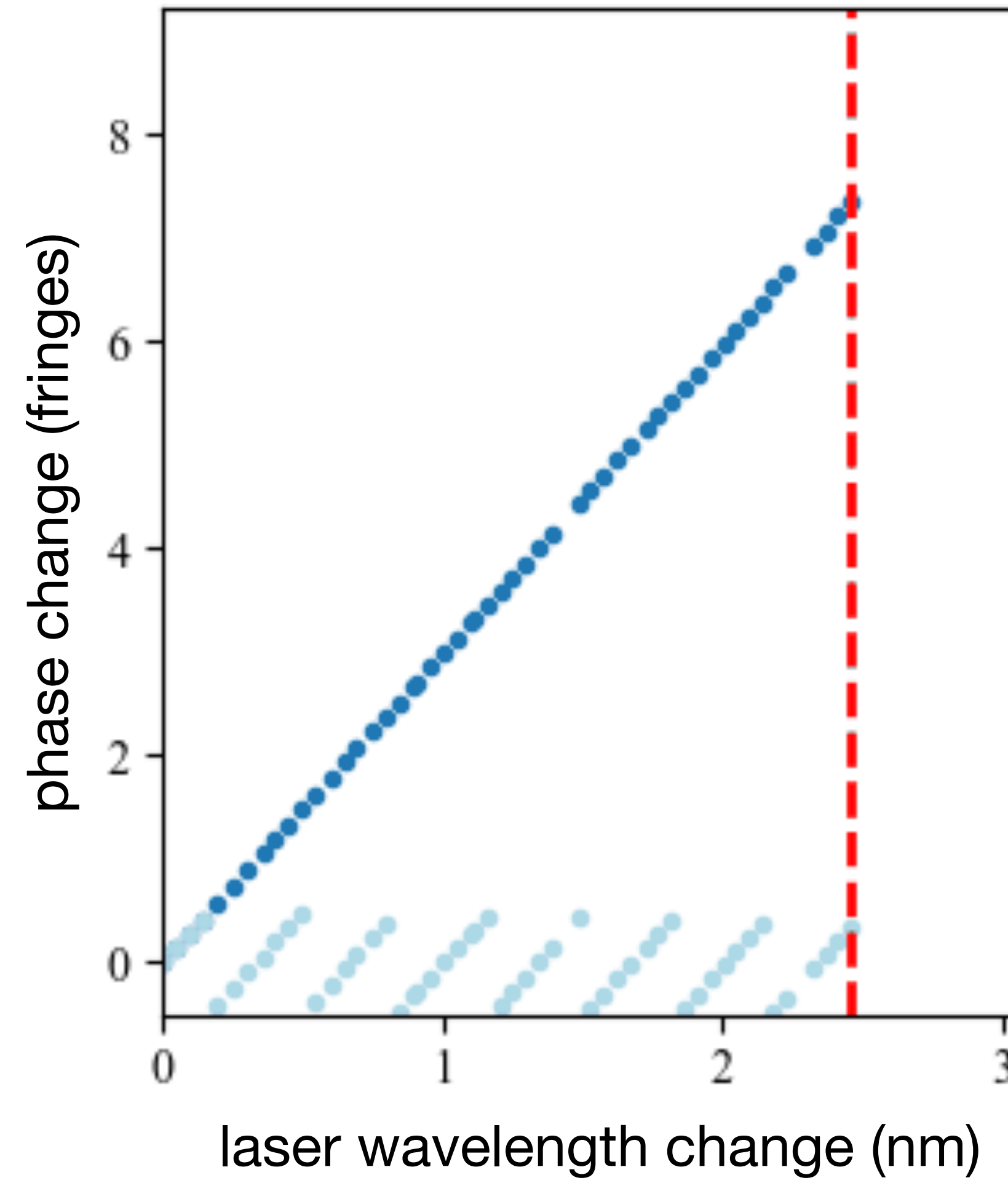
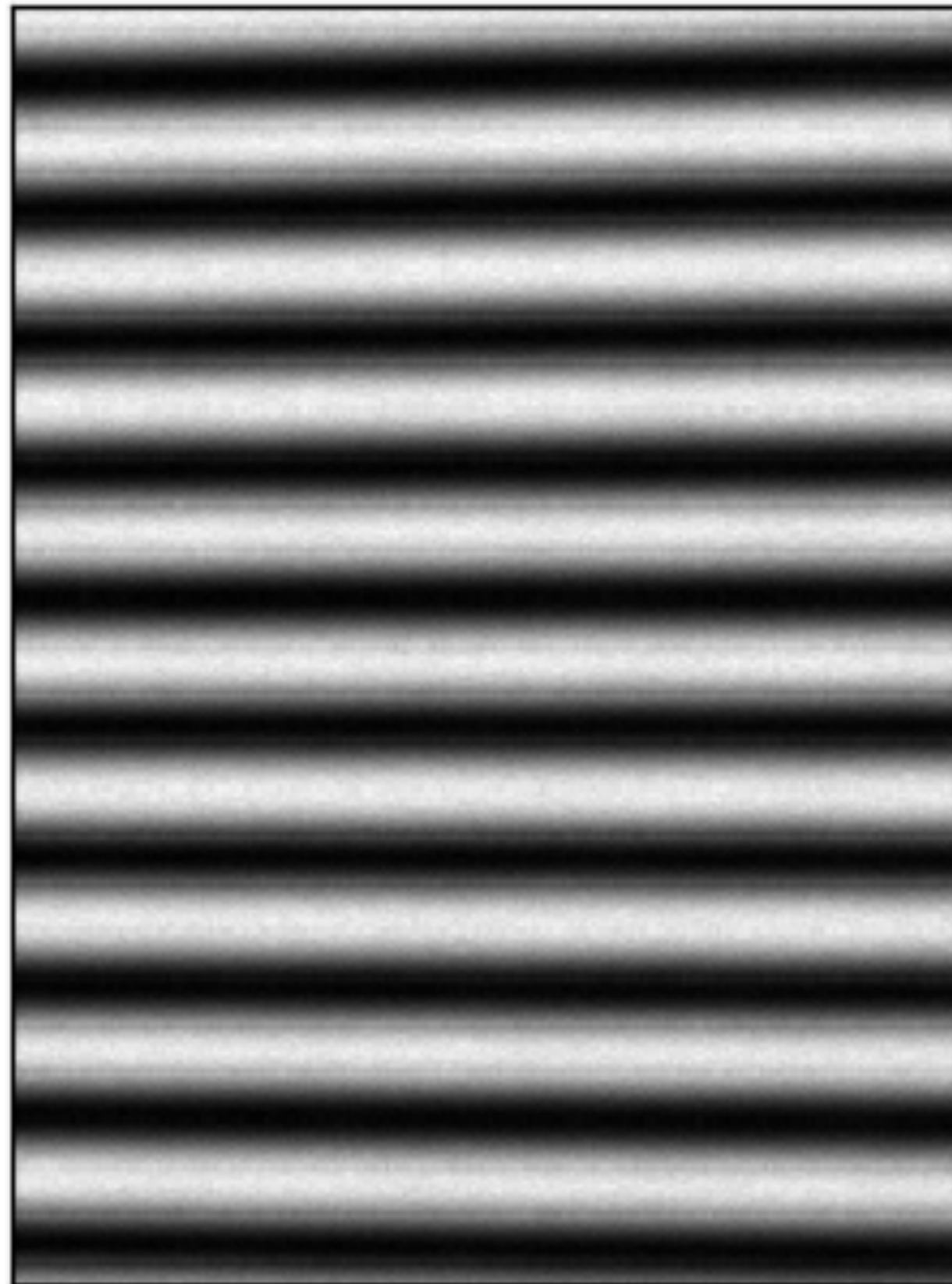


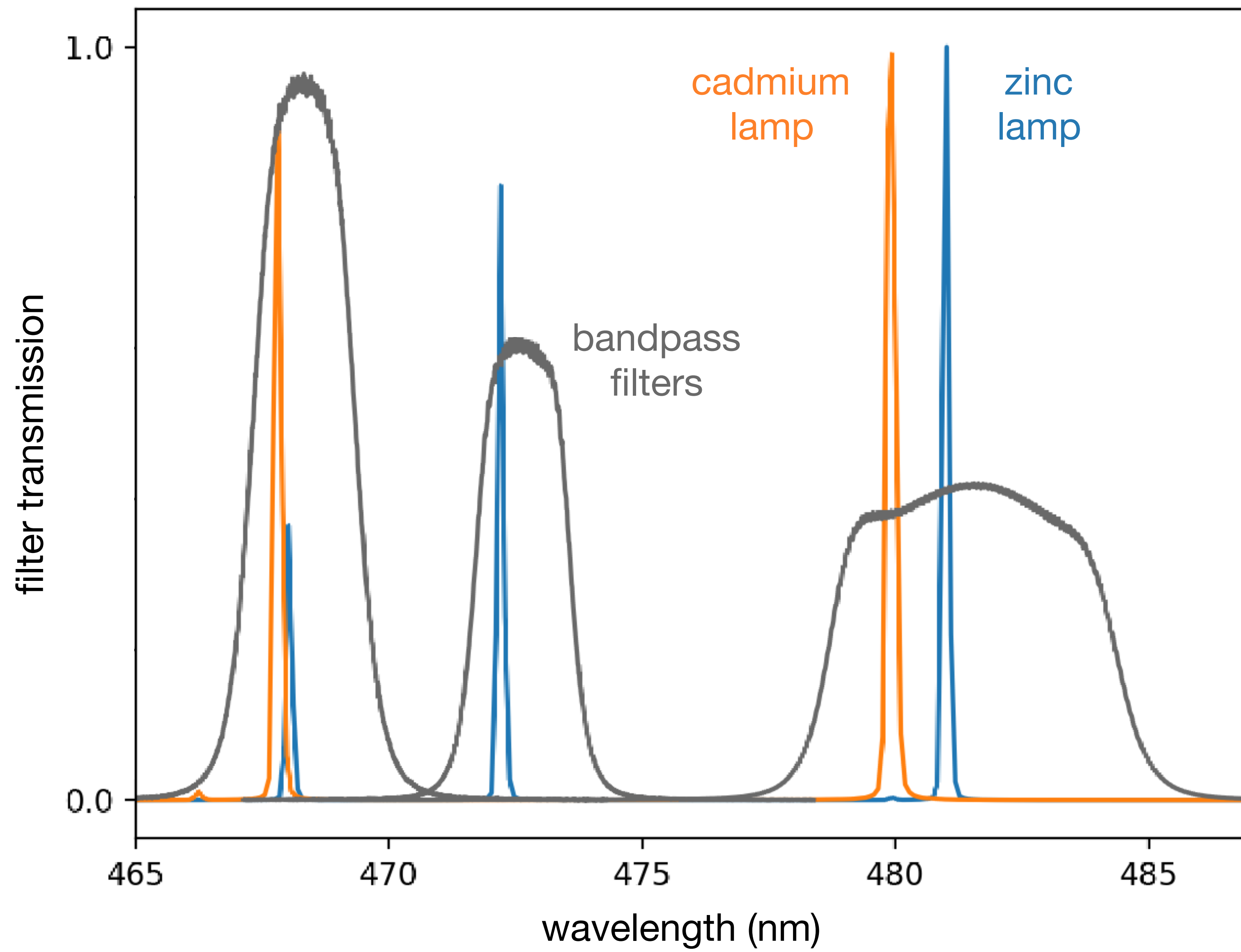


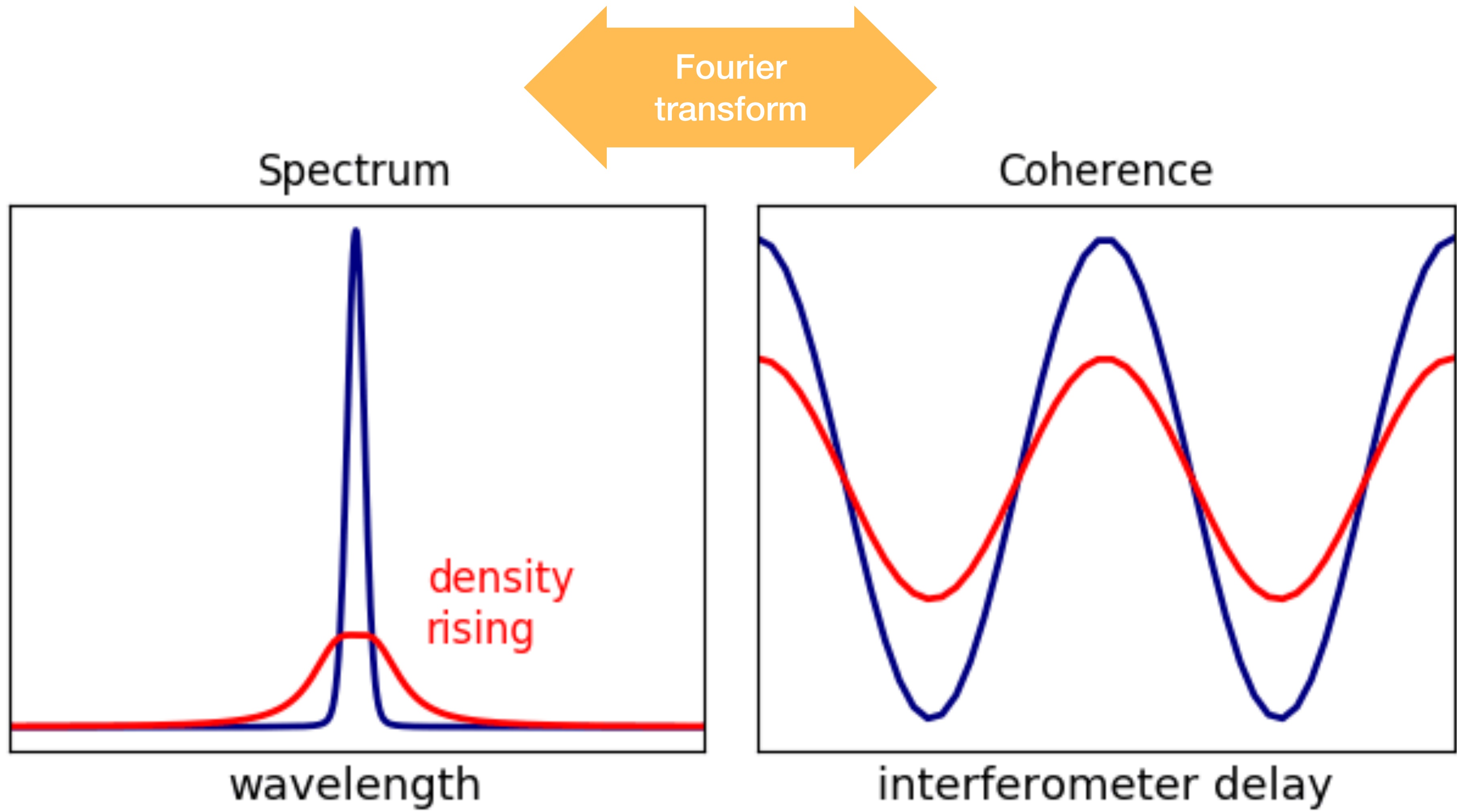
midplane view

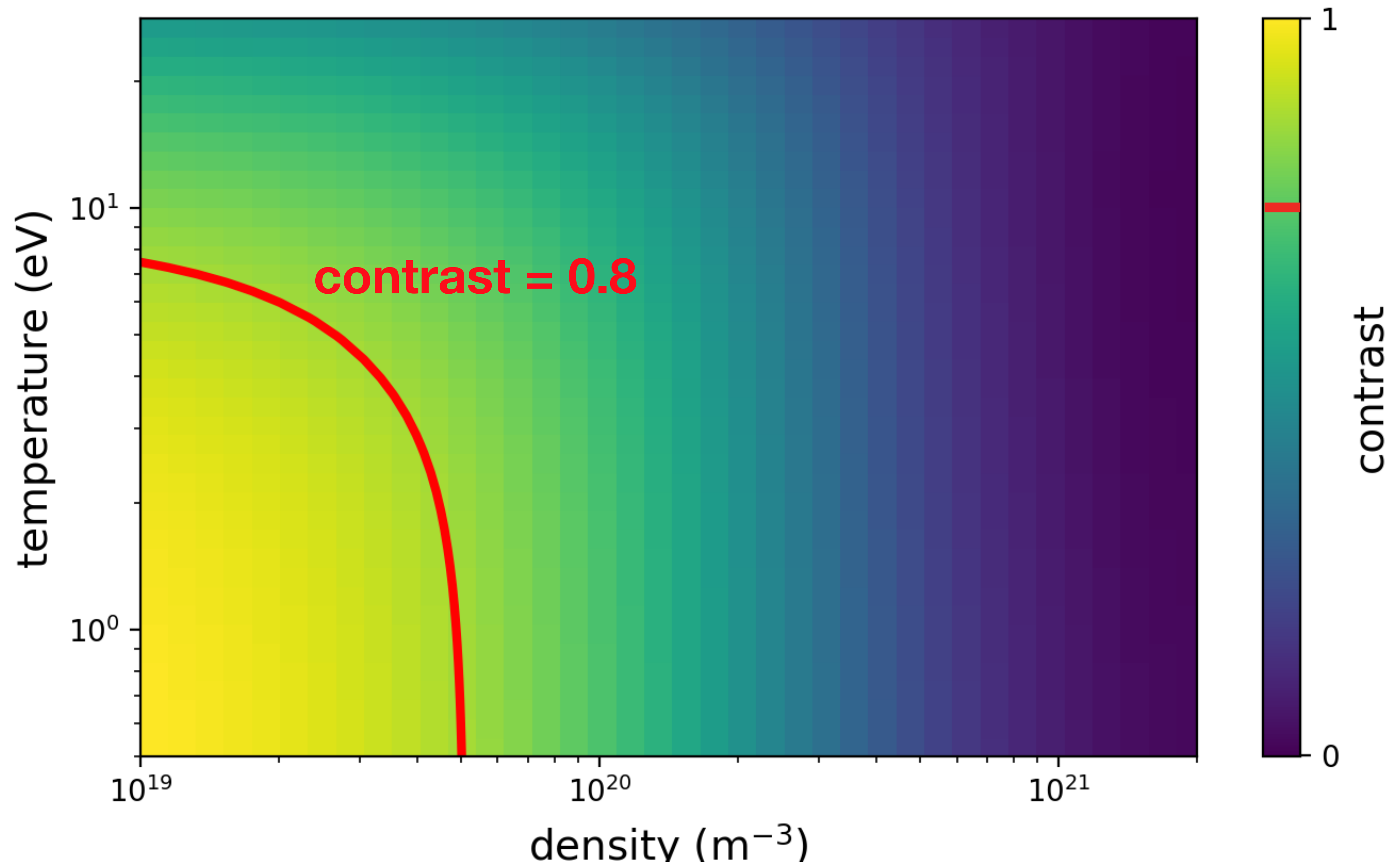


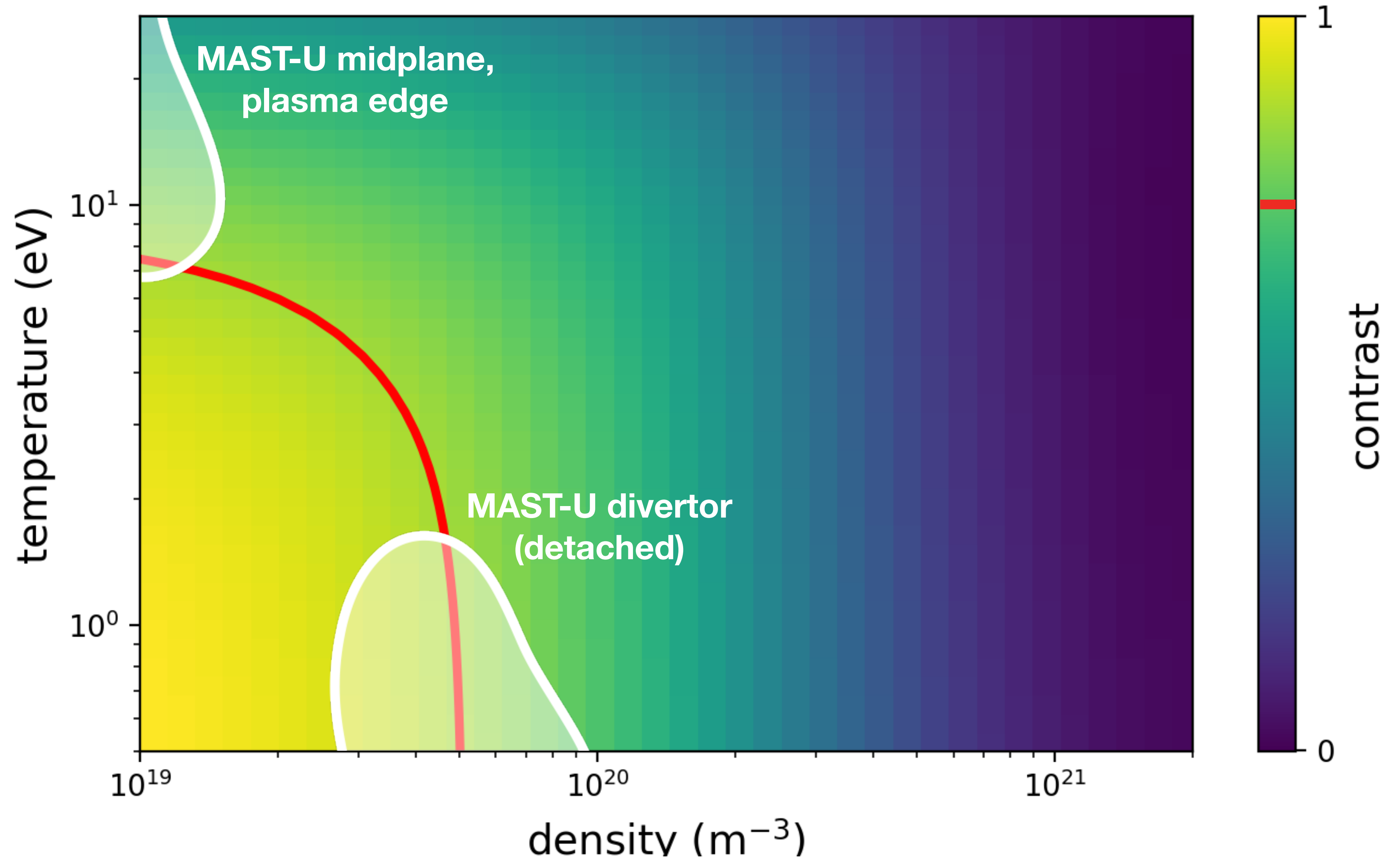
measured interference pattern

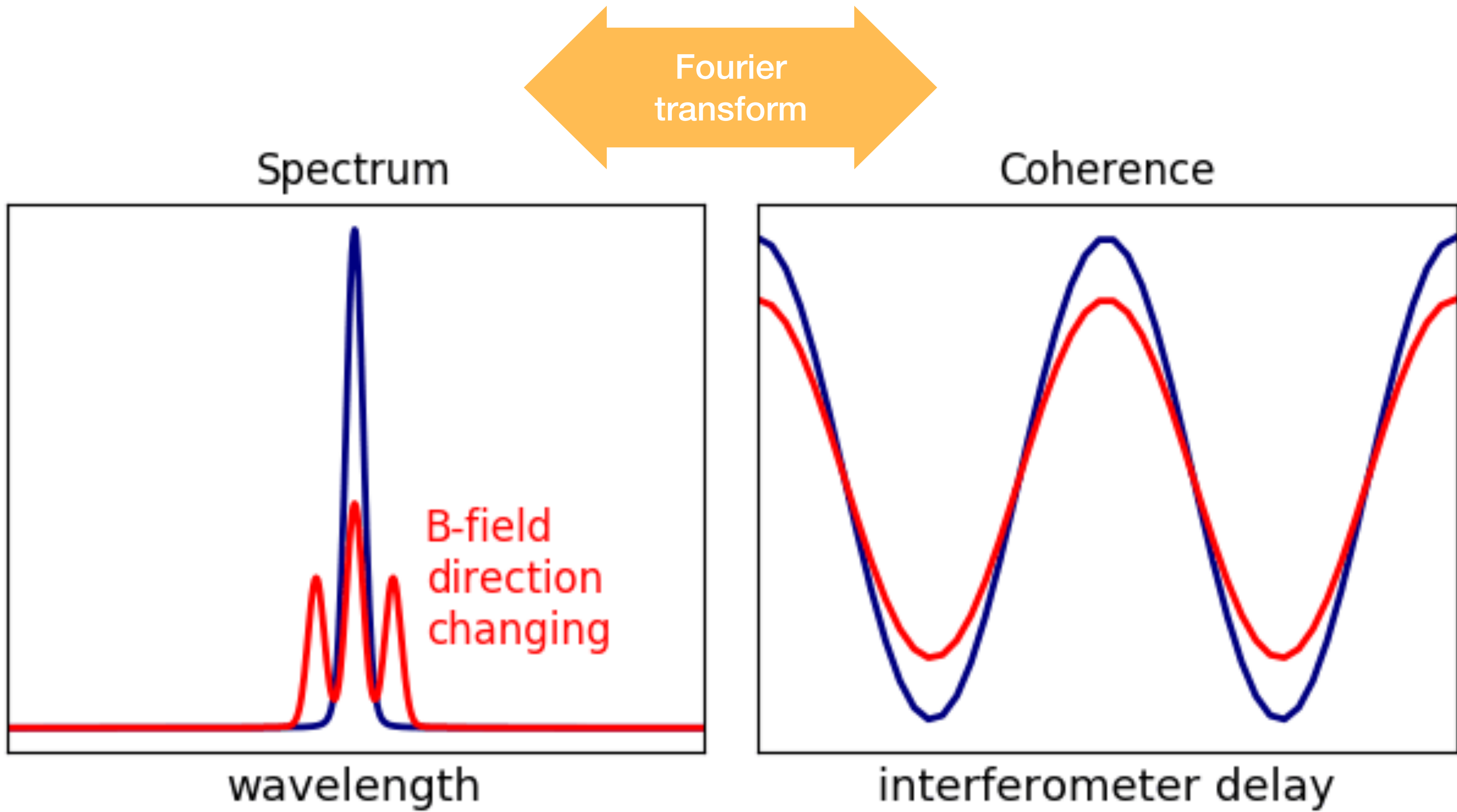












- Coherence Imaging is a powerful diagnostic tool for the plasma edge.
- Data requires careful interpretation.
- New techniques are being developed for MAST-U.