

Fitted Twiss Errors

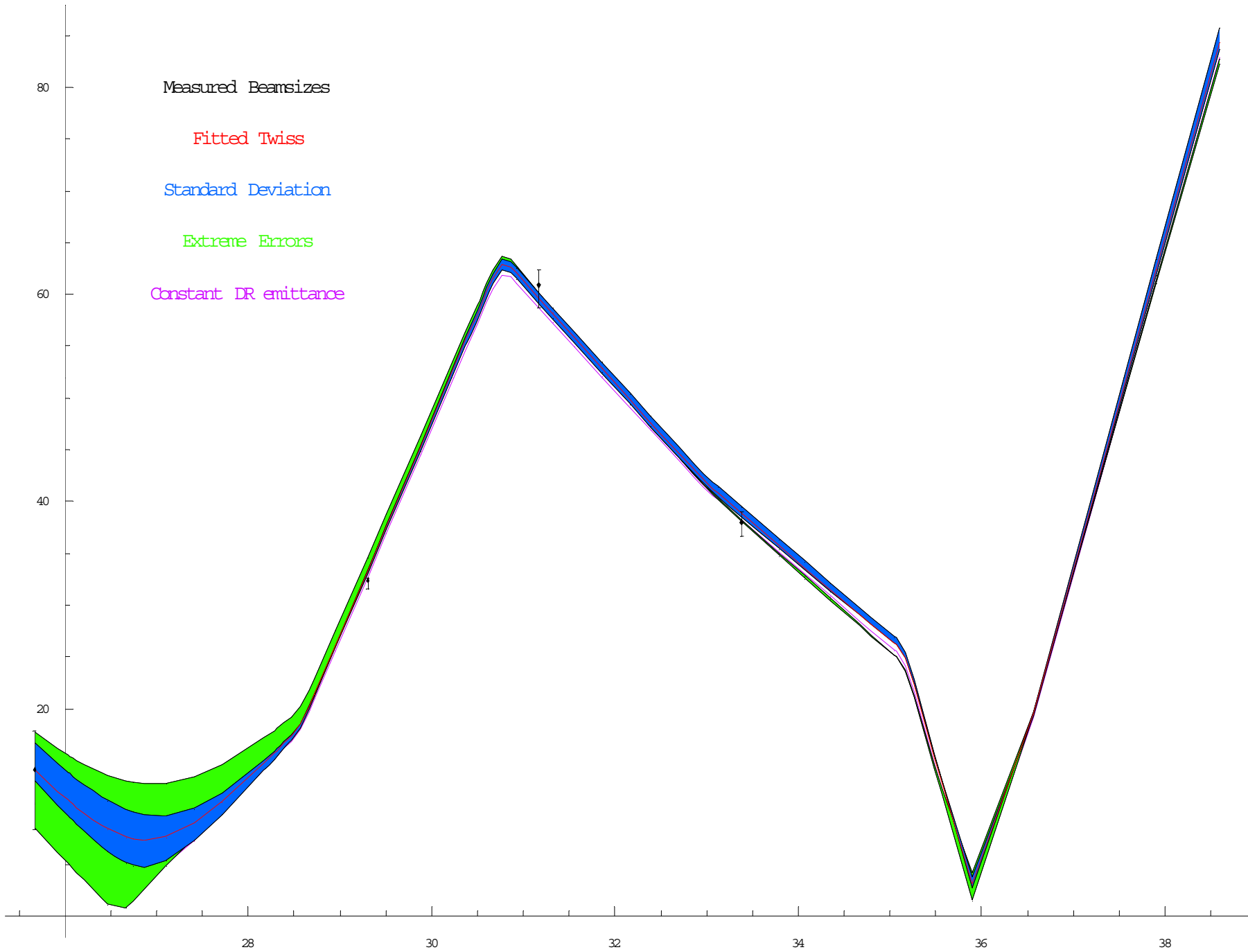
12 March 2008 Shift

Parameters at MW0X			
Condition	ey (pm.rad)	by (m)	ay
Fitted	72.634	2.739	1.651
DR emittance	34.000	3.500	2.902
Max emittance	121.301	2.587	0.968
Min emittance	0.452	157.996	172.652
Plus Standard deviation	97.122	2.879	1.421
Minus Standard deviation	48.147	3.540	2.571

Rejection Factor: 7.38%

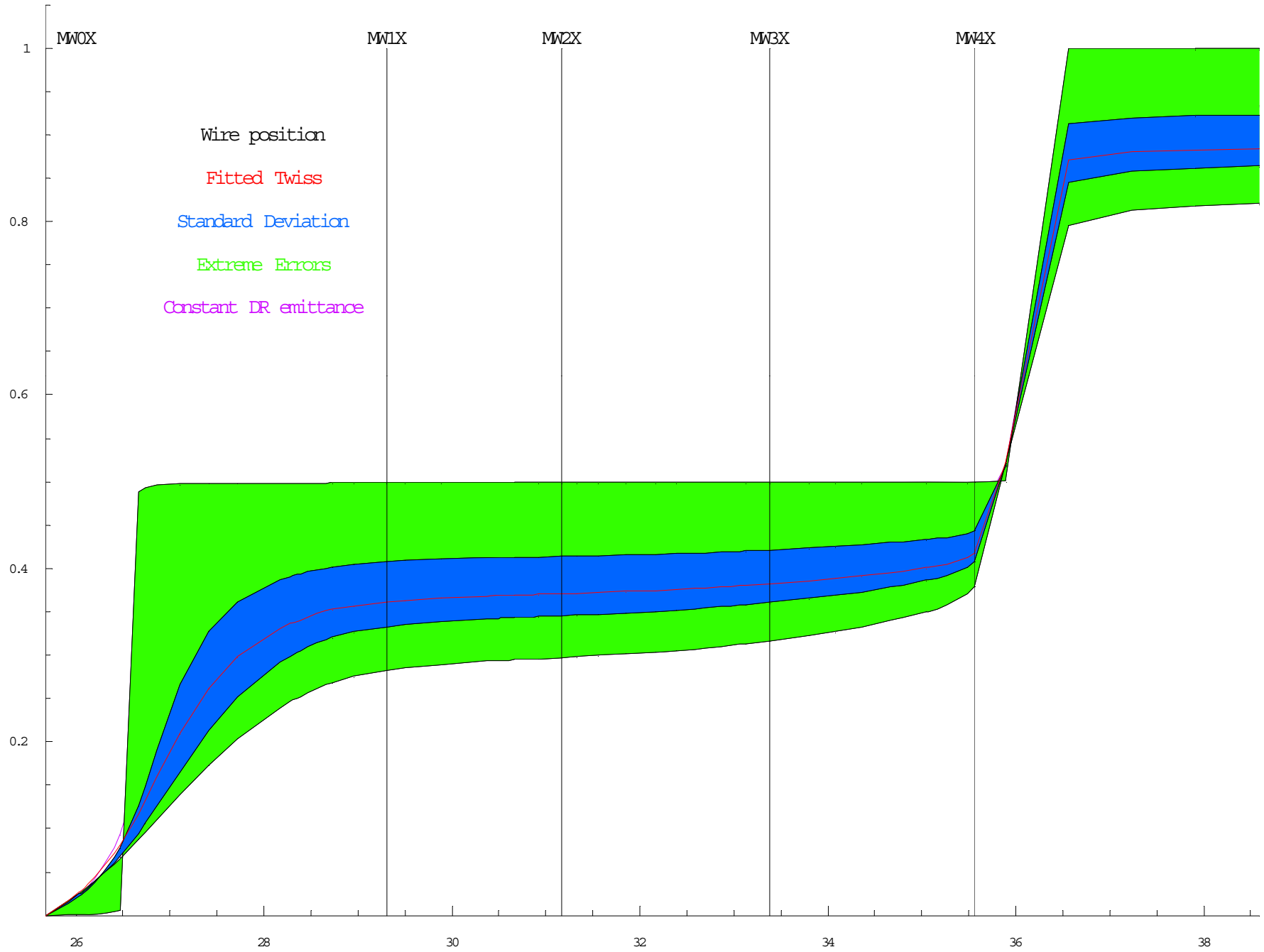
sig.y  

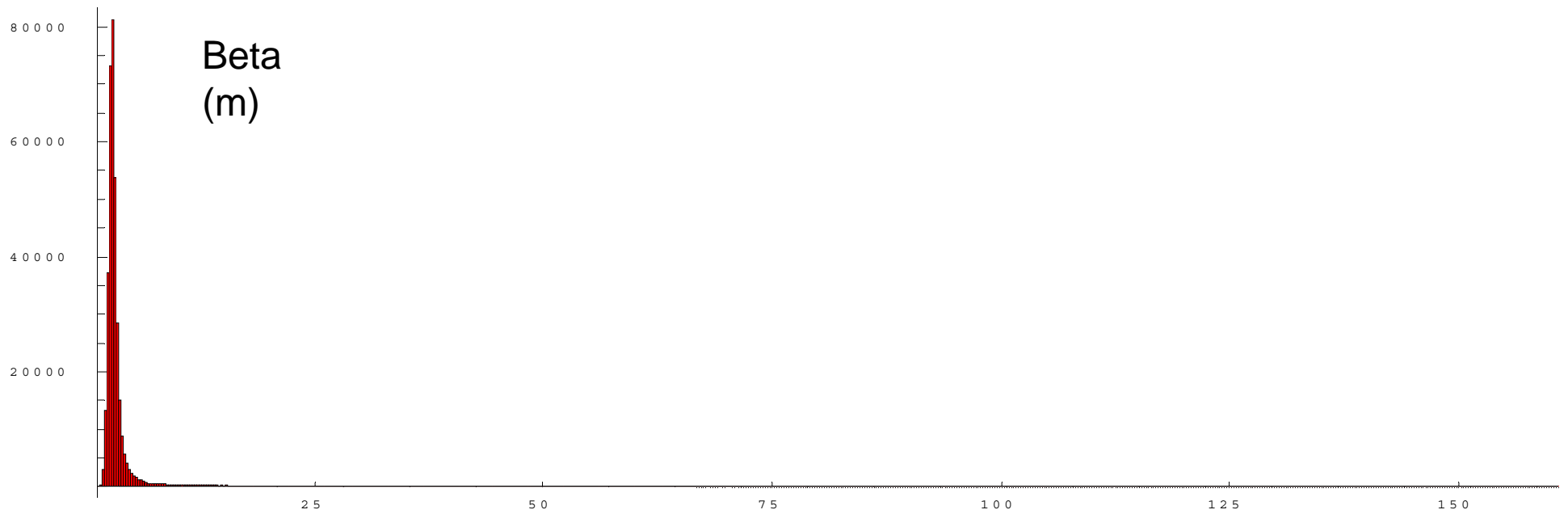
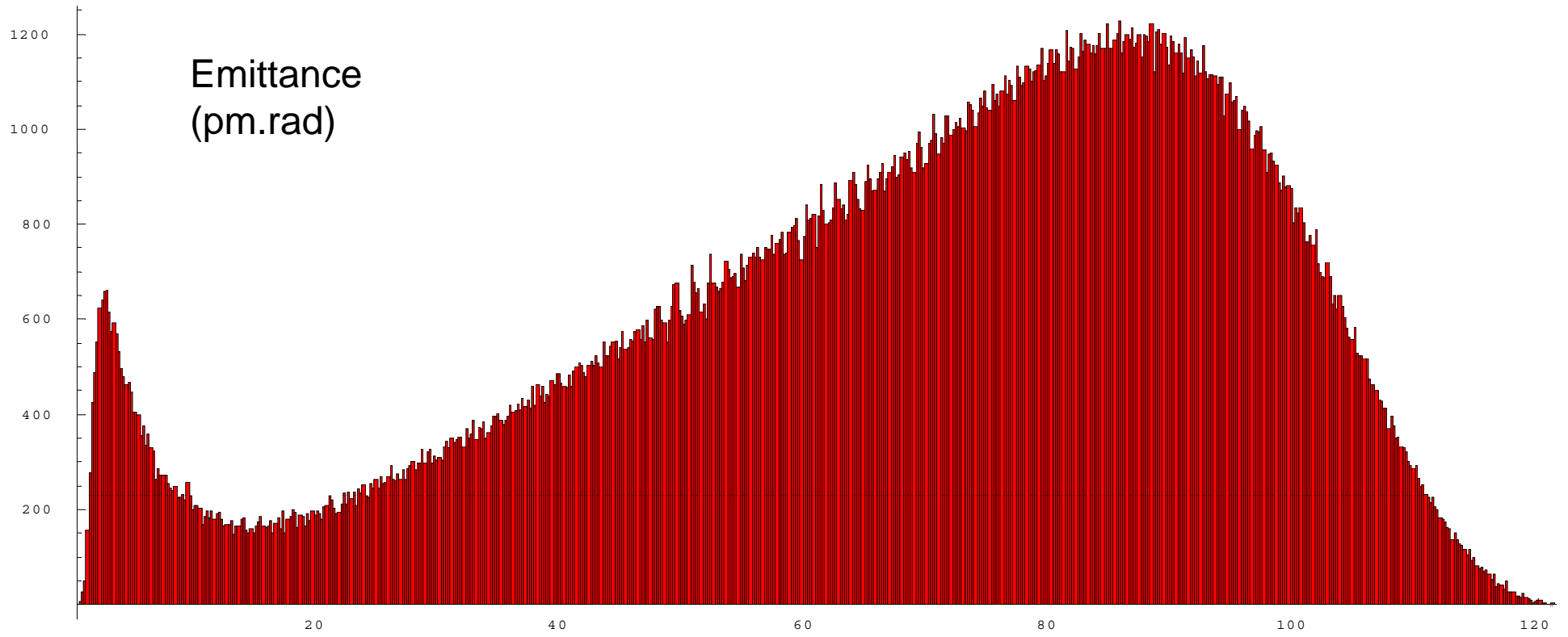
Propagated Beamsize Errors from MOX

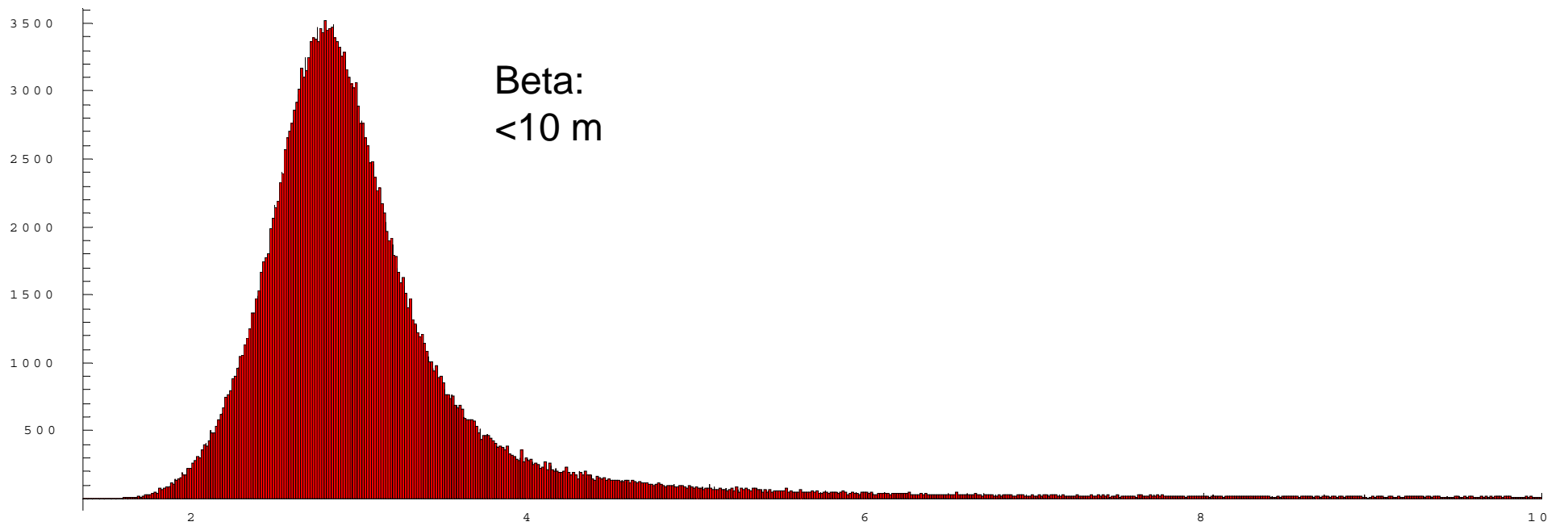
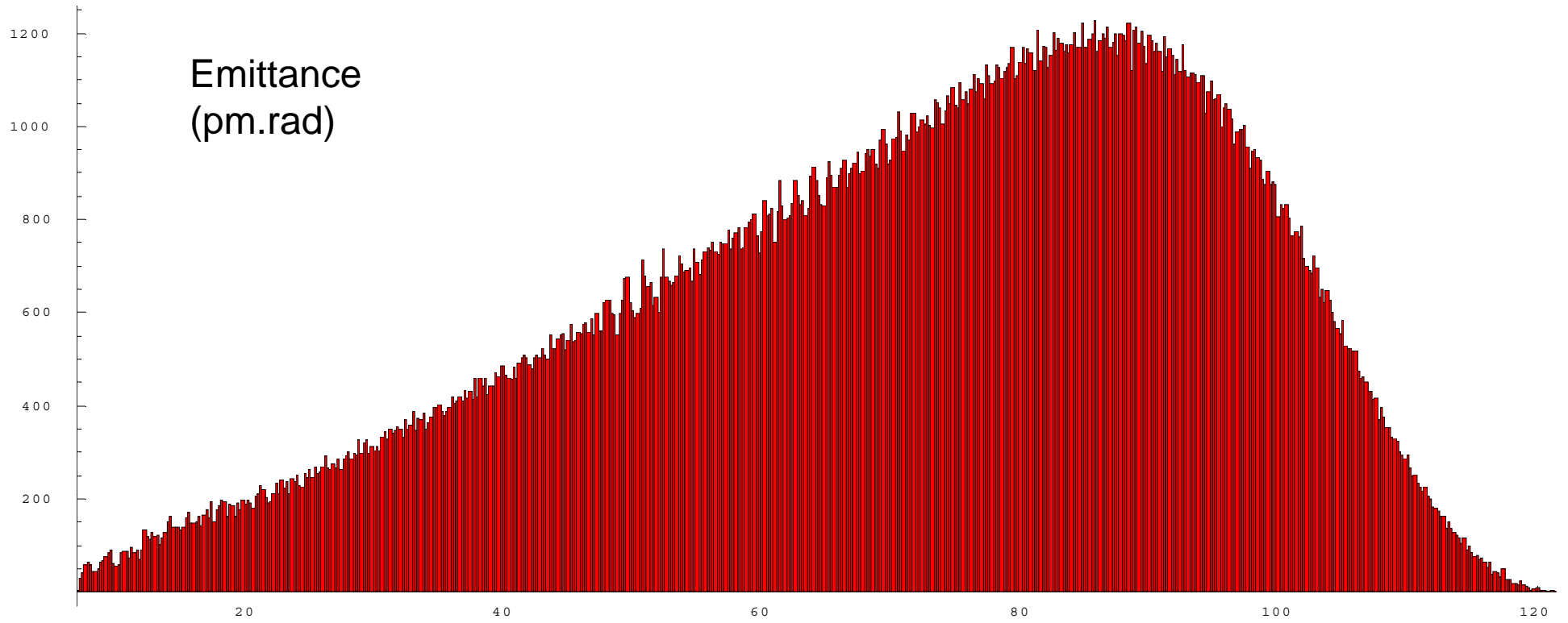


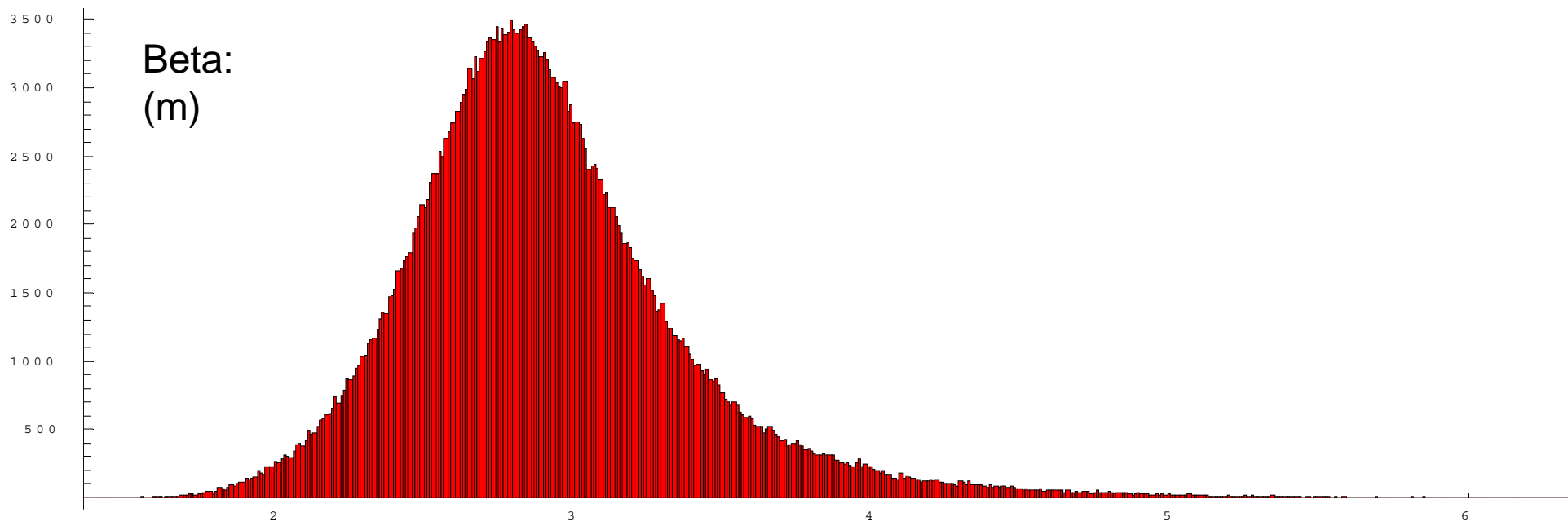
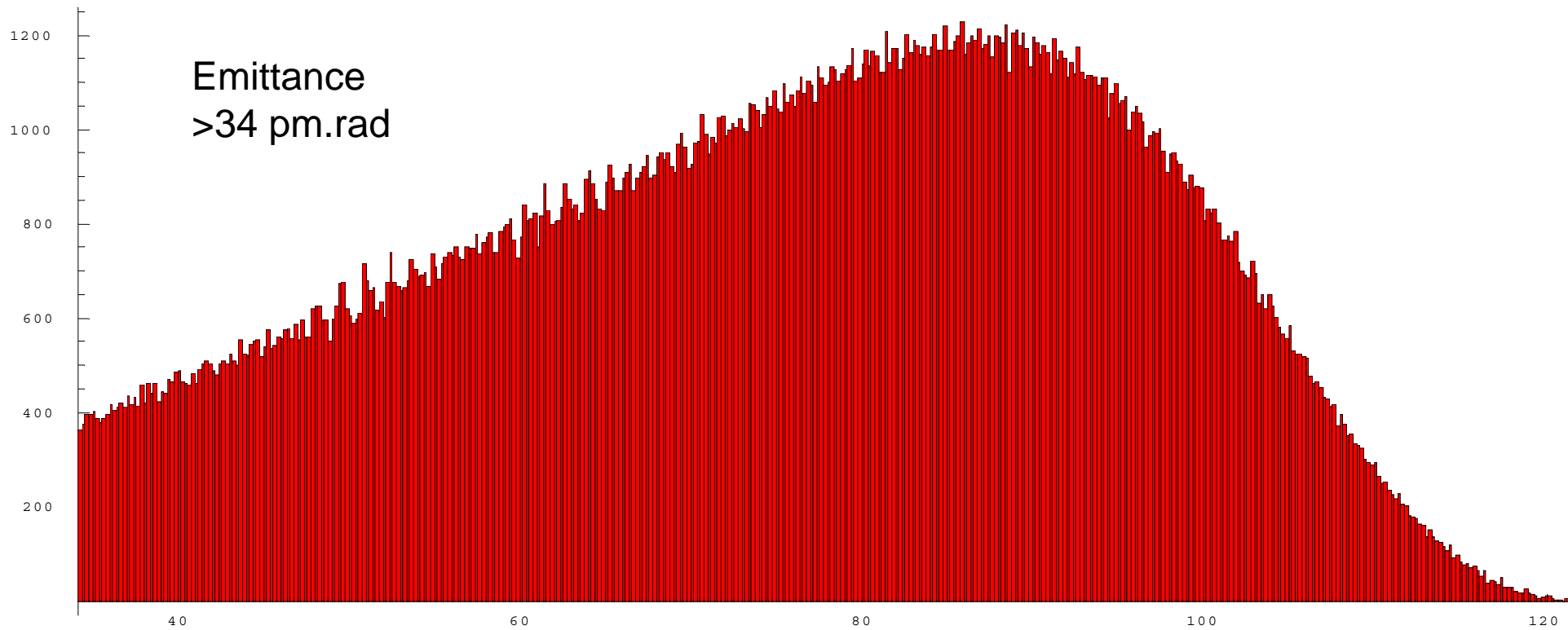
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Vertical Phase-Advance Errors from MWOX









Conclusion

Assuming no possible emittance decrease then the emittance growth was upto 257%

The MW0X vertical beta was 3 ± 3 m

The phase advance between MW0X and MW1X was between 101.72° and 179.55°

The phase advance between MW1X and MW4X was between 0.13° and 77.96°