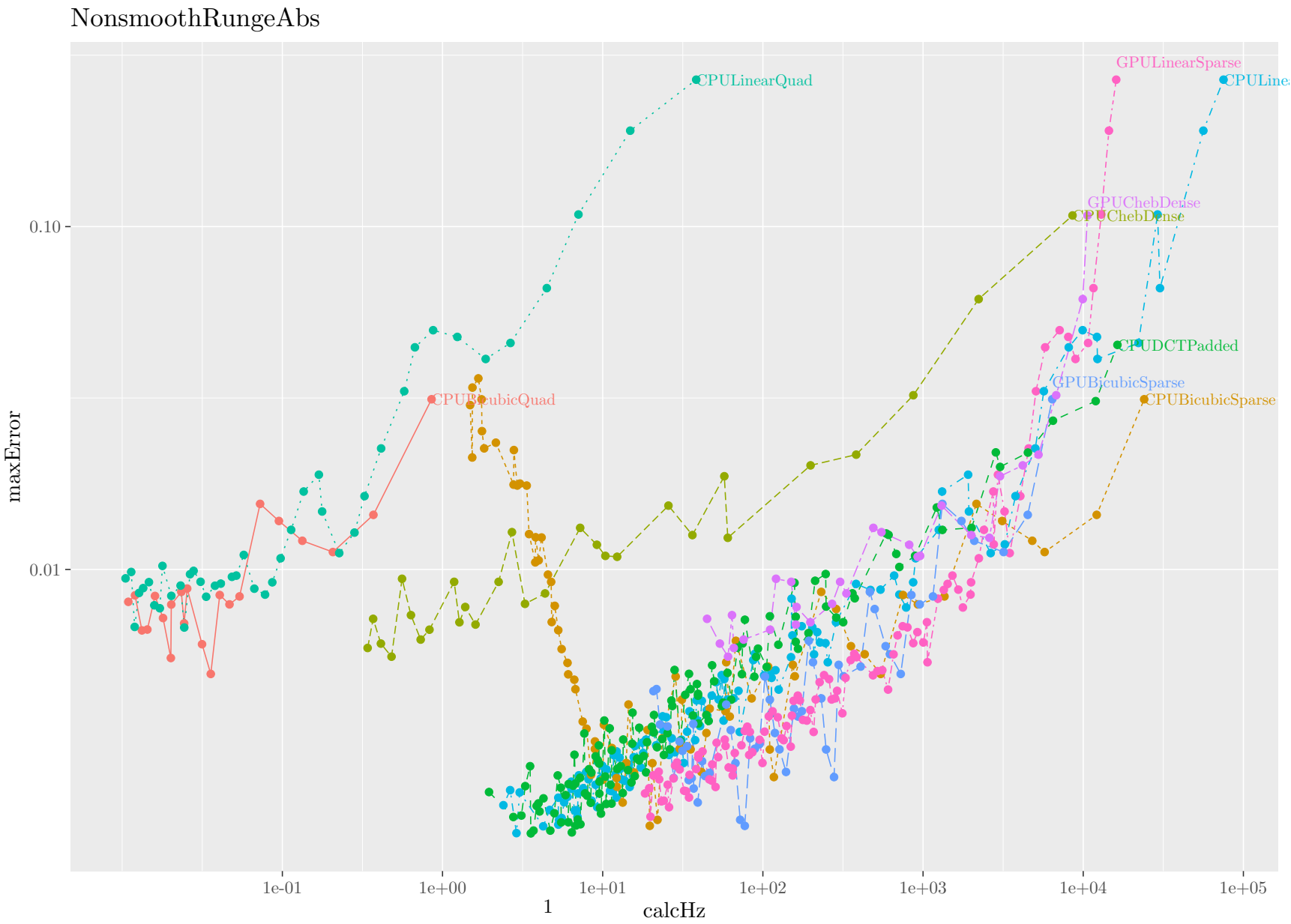
NonsmoothRungeAbs
maxError
0.10
0.01
1e-01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
1
calcHz
CPULinearQuad
GPULinearSparse
GPUChebDense
CPUChebDense
CPUDCTPadded
GPUBicubicSparse
CPUBicubicQuad
CPUBicubicSparse

Figure 1:

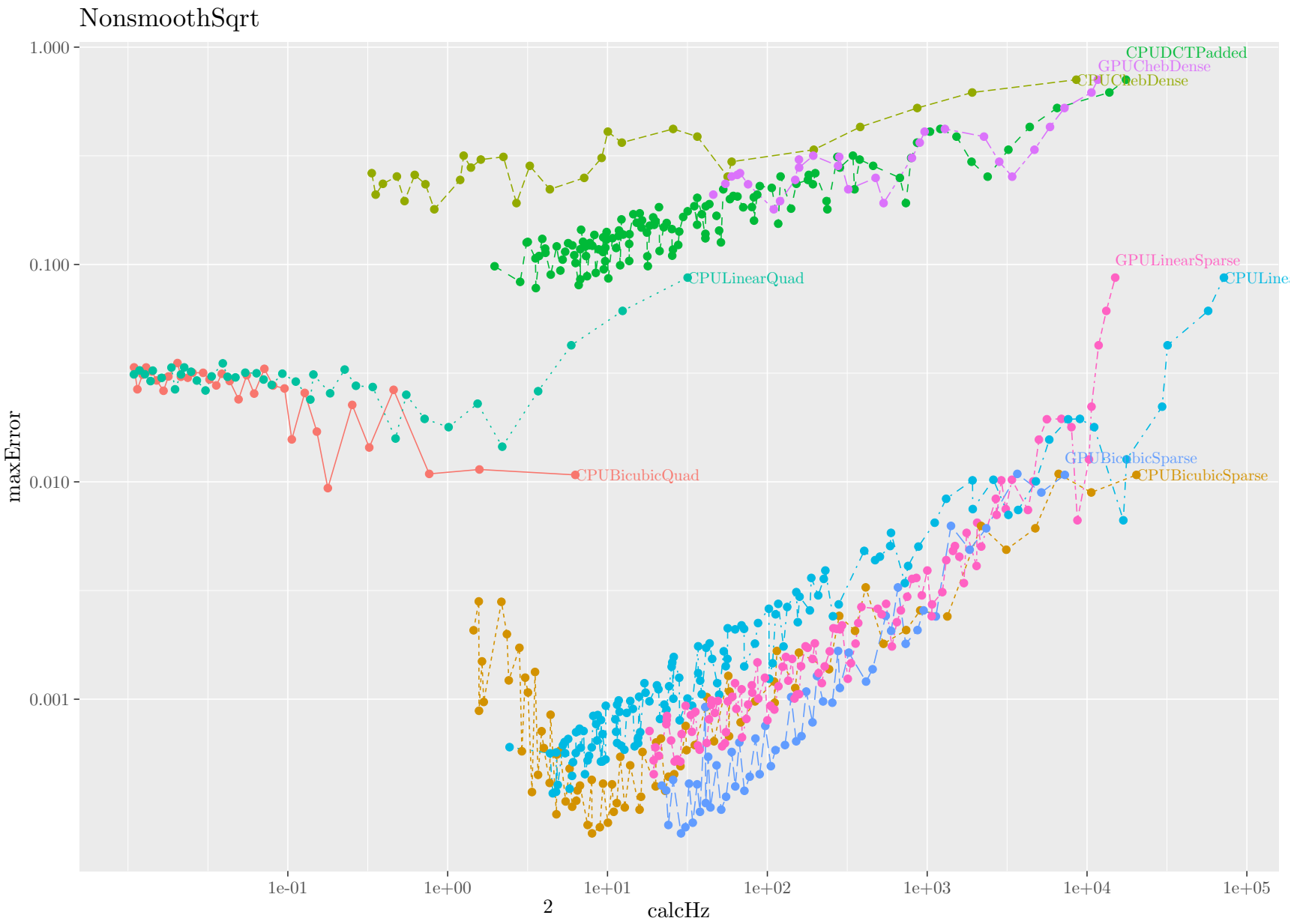
NonsmoothSqrt
1.000
0.100
0.010
0.001
maxError
CPUDCTPadded
GPUChebDense
CPUChebDense
CPULinearQuad
GPULinearSparse
CPULine
GPUBicubicSparse
CPUBicubicSparse
CPUBicubicQuad
1e-01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
2
calcHz

Figure 2:

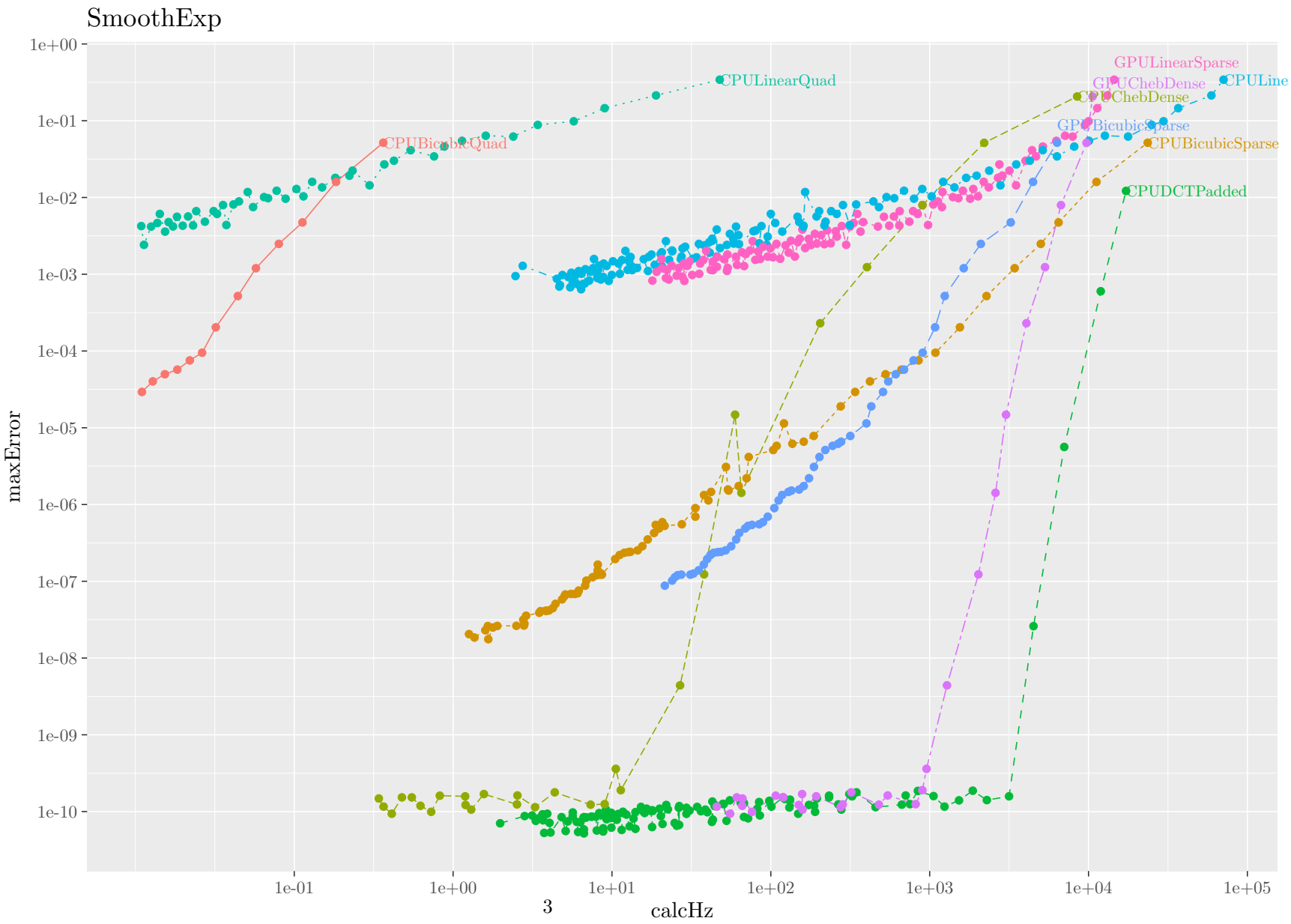
SmoothExp
maxError
1e+00
1e-01
1e-02
1e-03
1e-04
1e-05
1e-06
1e-07
1e-08
1e-09
1e-10
CPULinearQuad
CPUBicubicQuad
GPULinearSparse
GPUChebDense
CPUChebDense
CPULine
GPUBicubicSparse
CPUBicubicSparse
CPUDCTPadded
1e-01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
3
calcHz

Figure 3:

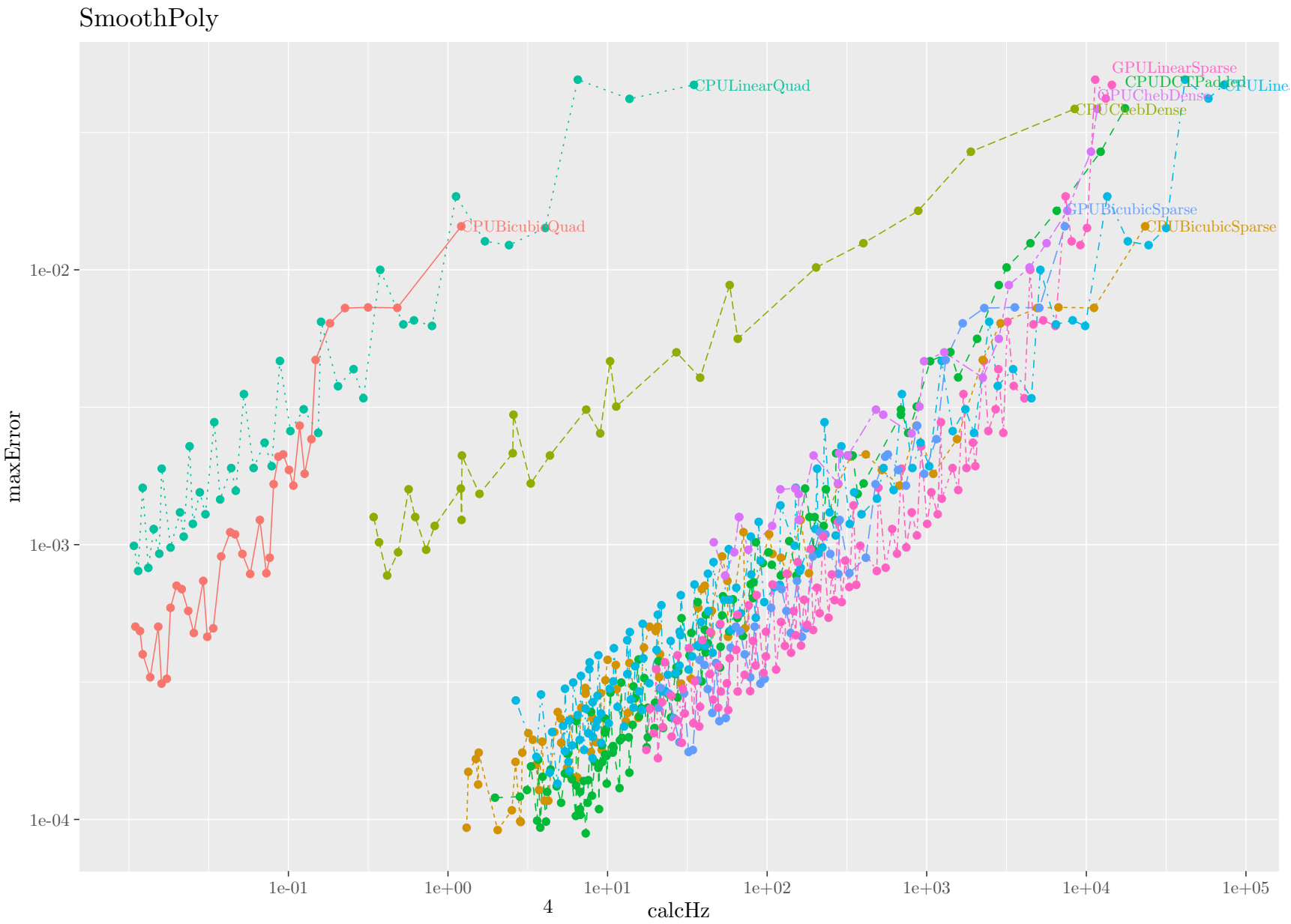
SmoothPoly
CPULinearQuad
GPULinearSparse
CPUDCTPadded
GPUChebDense
CPUChebDense
CPUBicubicQuad
GPUBicubicSparse
CPUBicubicSparse
1e-02
1e-03
1e-04
maxError
1e-01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
4
calcHz

Figure 4:

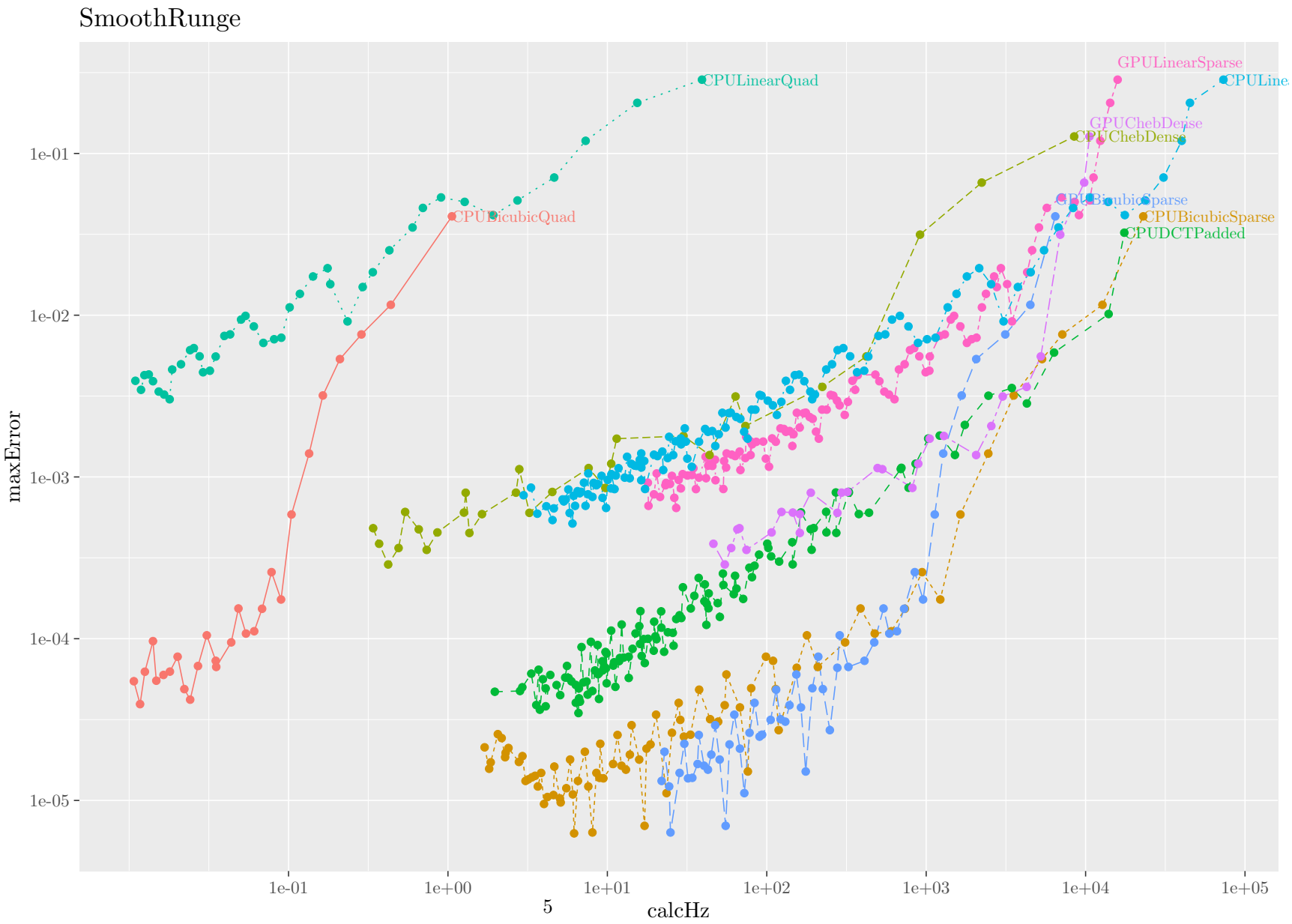
SmoothRunge
maxError
1e-01
1e-02
1e-03
1e-04
1e-05
1e-01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
calcHz
5
CPULinearQuad
CPUBicubicQuad
GPULinearSparse
GPUChebDense
CPUChebDense
CPUBicubicSparse
CPUDCTPadded

Figure 5: