Runtime vs. x for different buffersizes |B|=1 |B|=10  $10^{3}$ |B|=100 |B|=1000 |B|=10000 |B|=100000 |B|=1000000  $10^{2}$ |B|=10000000  $10^1$ Runtime (ms)  $10^{0}$  $10^{-1}$ 10-2  $10^{-3}$  $10^{-4}$ 

 $10^{4}$ 

Value of x

10<sup>5</sup>

 $10^{6}$ 

10<sup>7</sup>

10°

 $10^{1}$ 

 $10^{2}$ 

10<sup>3</sup>