

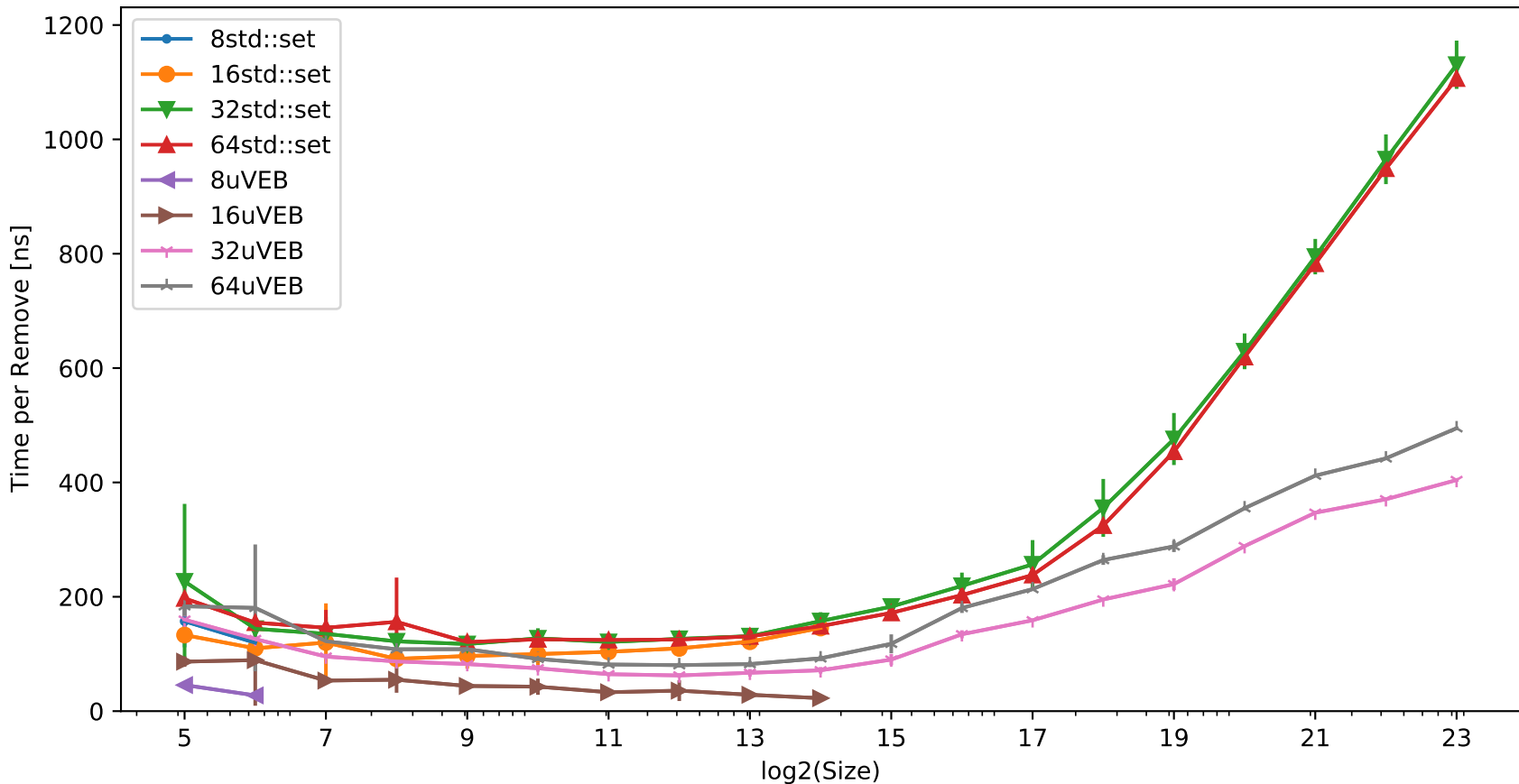
```
{K}std::set = std::set<uint{K}_t>, {K}uVEB = VanEmdeBoas<{K}>, {K}VEB = VanEmdeBoas<{K},  
int{K}_t>, uVEB32 = VanEmdeBoas32<>, 32uVEBL = VanEmdeBoasLocked<32>, uVEB32L =  
VanEmdeBoas32Locked<>, uVEB32LT = VanEmdeBoas32LockedTop<>, uVEB32LFG =  
VanEmdeBoas32LockedFineGrained<>, uVEB32LL = VanEmdeBoas32Lockless.
```

No #defines => sf::contention_free_shared_mutex is used often; also bytell_hash_map by Malte Skarupke is used for VanEmdeBoas and VanEmdeBoasLocked (not VanEmdeBoas32 and its parallel variants)
Random distributions: uniform, cluster = random placed clusters with 1000 succeeding elements, normal = normal distribution with mean $\sim 0/2^{31}$ for signed/unsigned and std $(2^{31})/10$, incProb = linear increasing probability where the smallest value has probability 0, decProb = linear decreasing probability where the largest value has probability 0

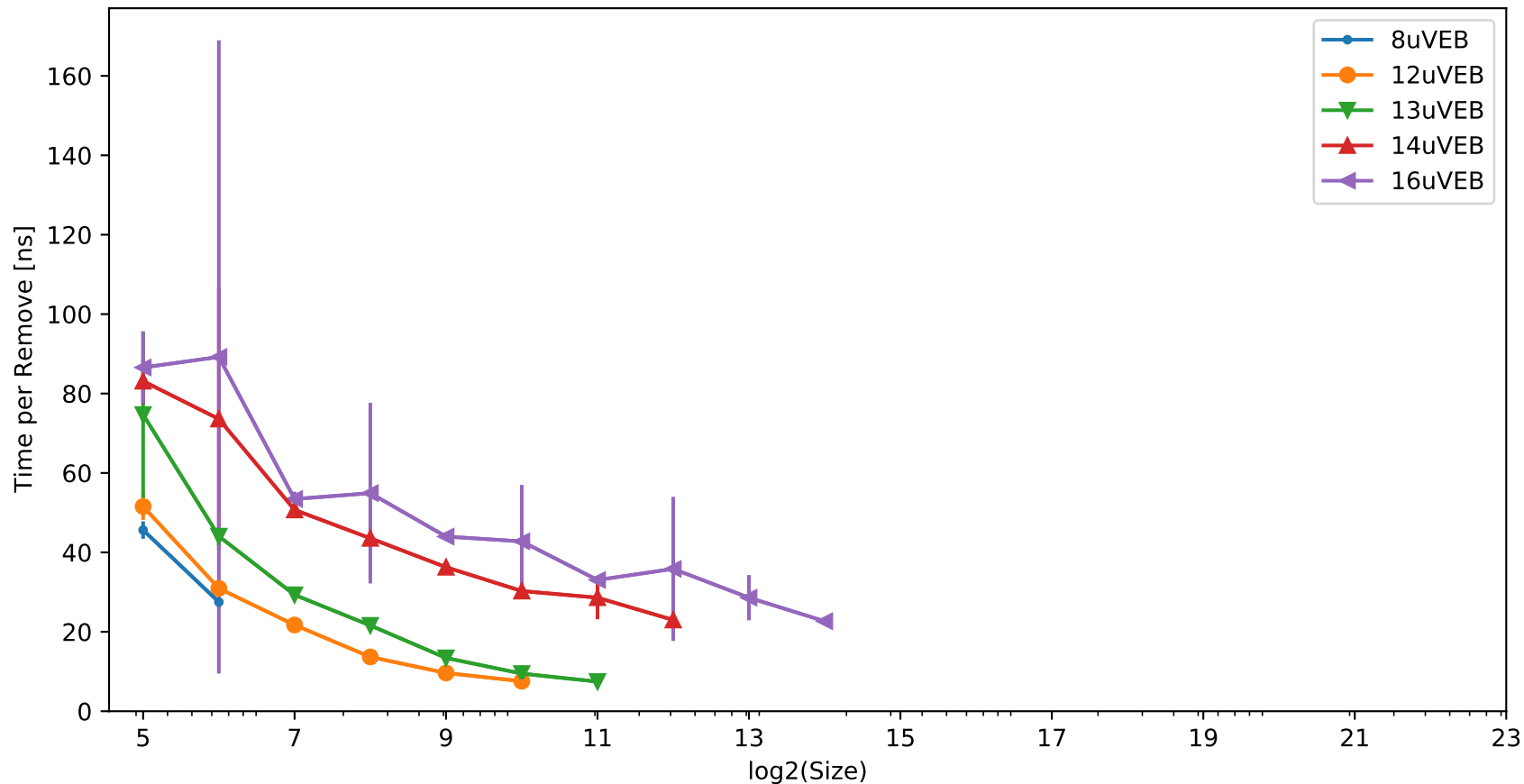
There are ten iterations for each data point.

Hardware: i7-7700HQ, 16GB DDR4 Windows Laptop

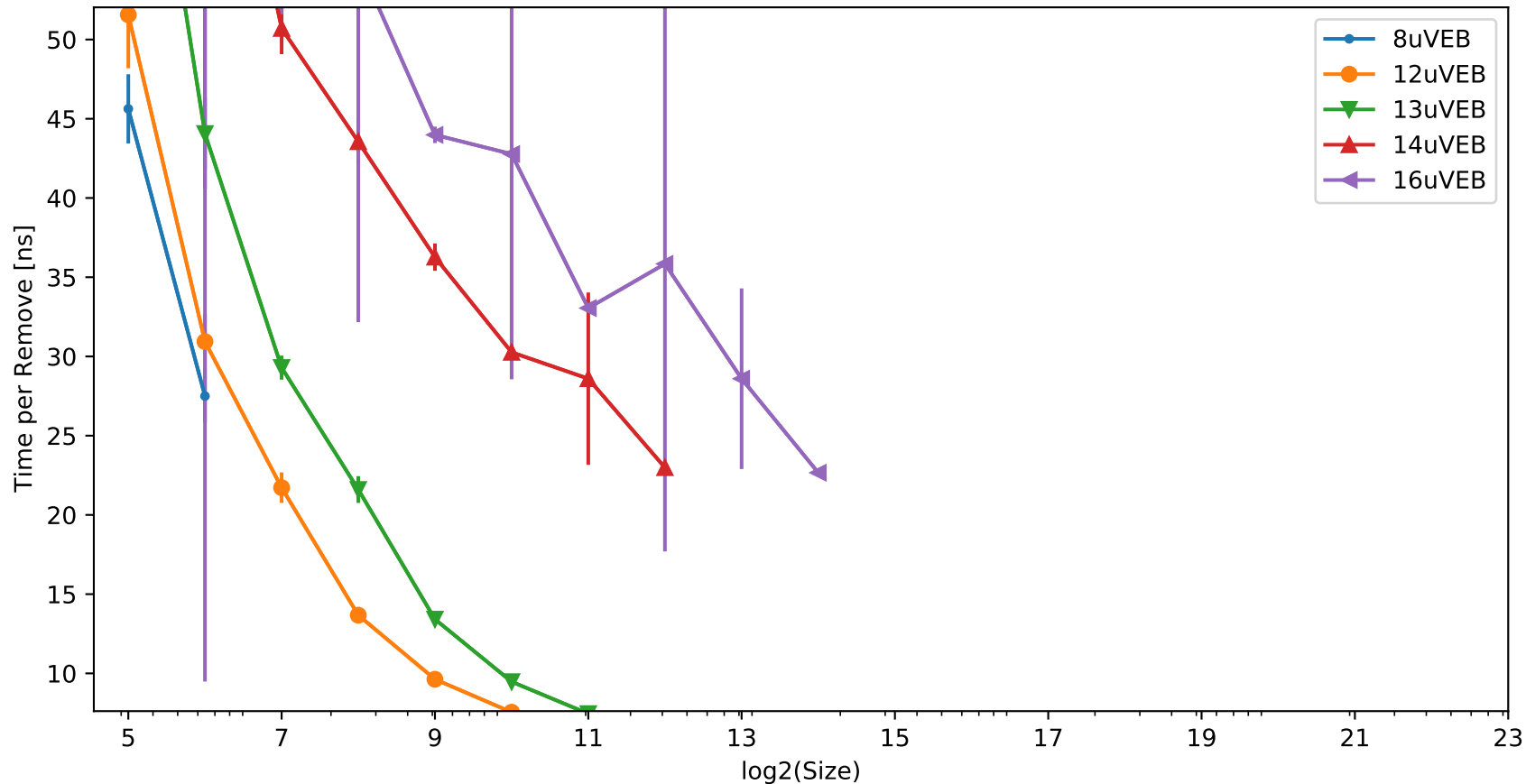
Time to Remove 'Size' Elements (uniform distribution)



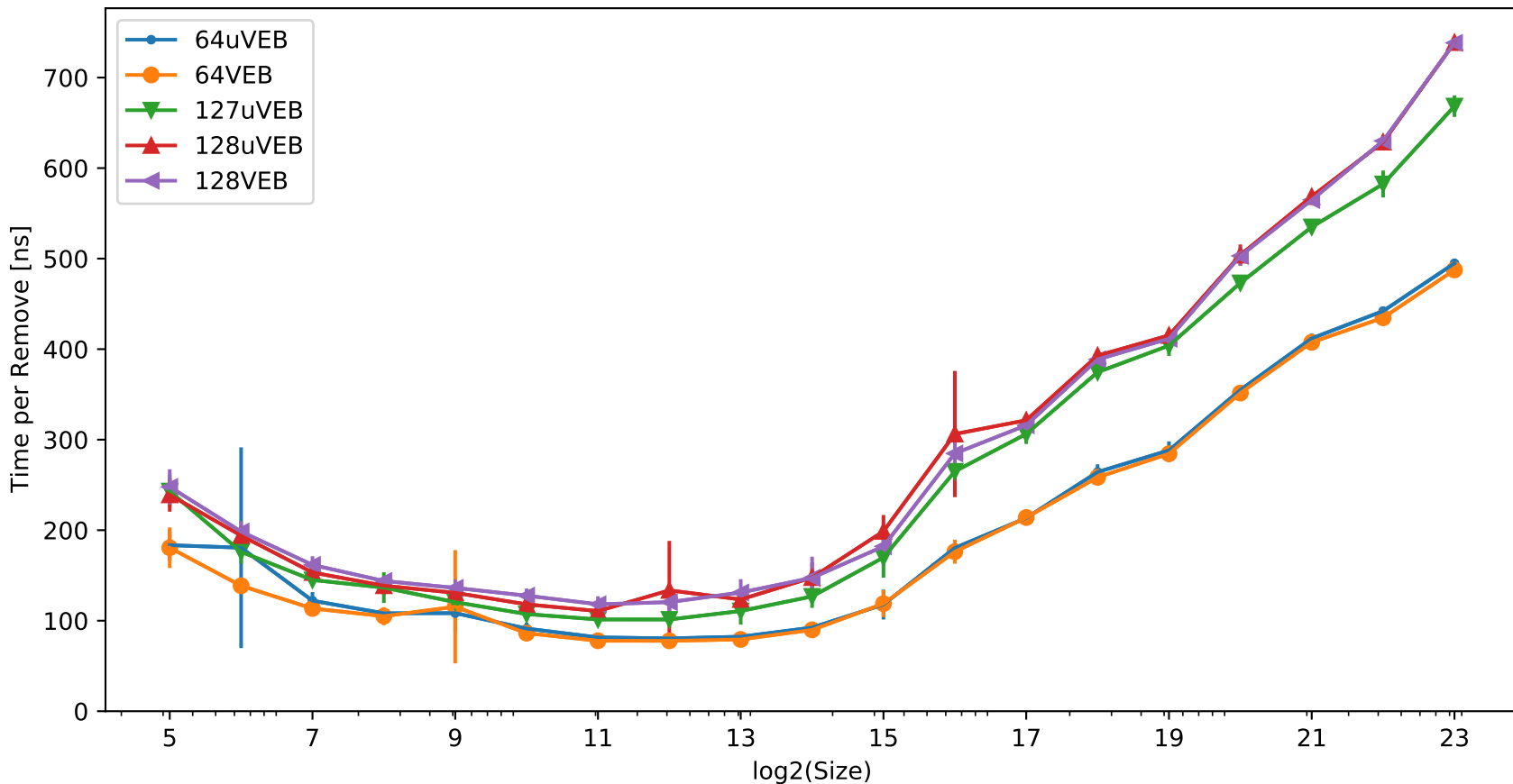
Time to Remove 'Size' Elements (uniform distribution)



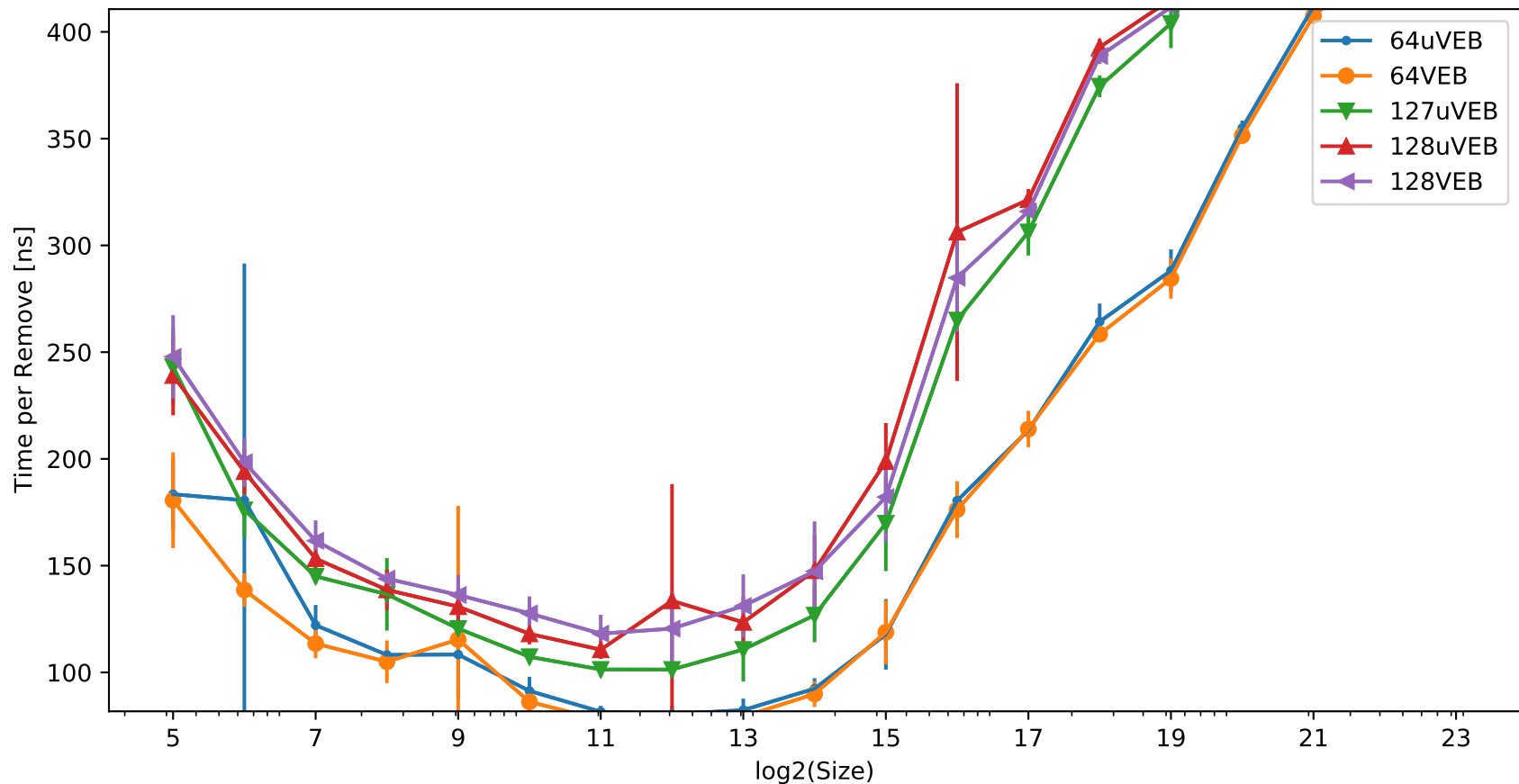
Time to Remove 'Size' Elements (Zoomed in; uniform distribution)



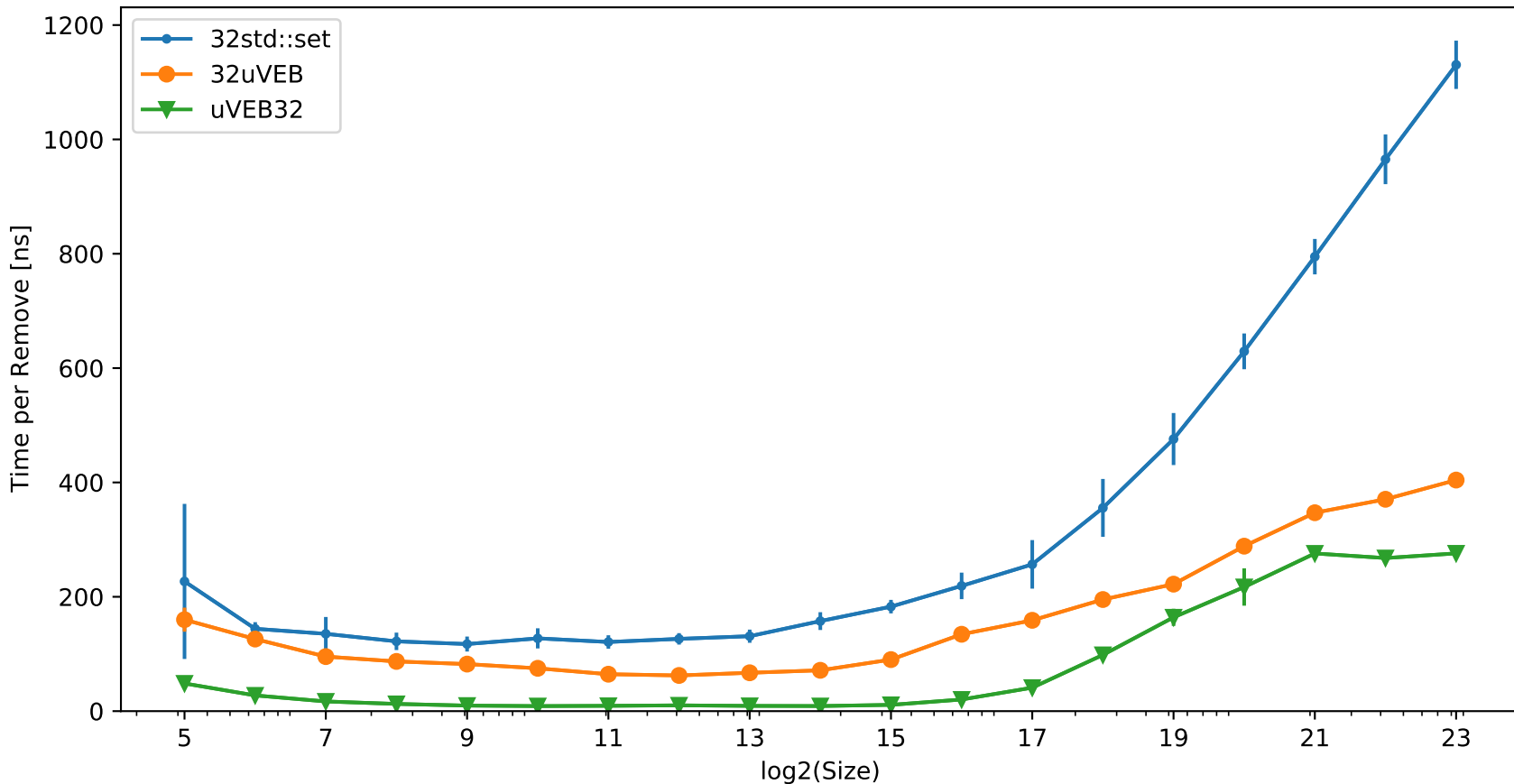
Time to Remove 'Size' Elements (uniform distribution)



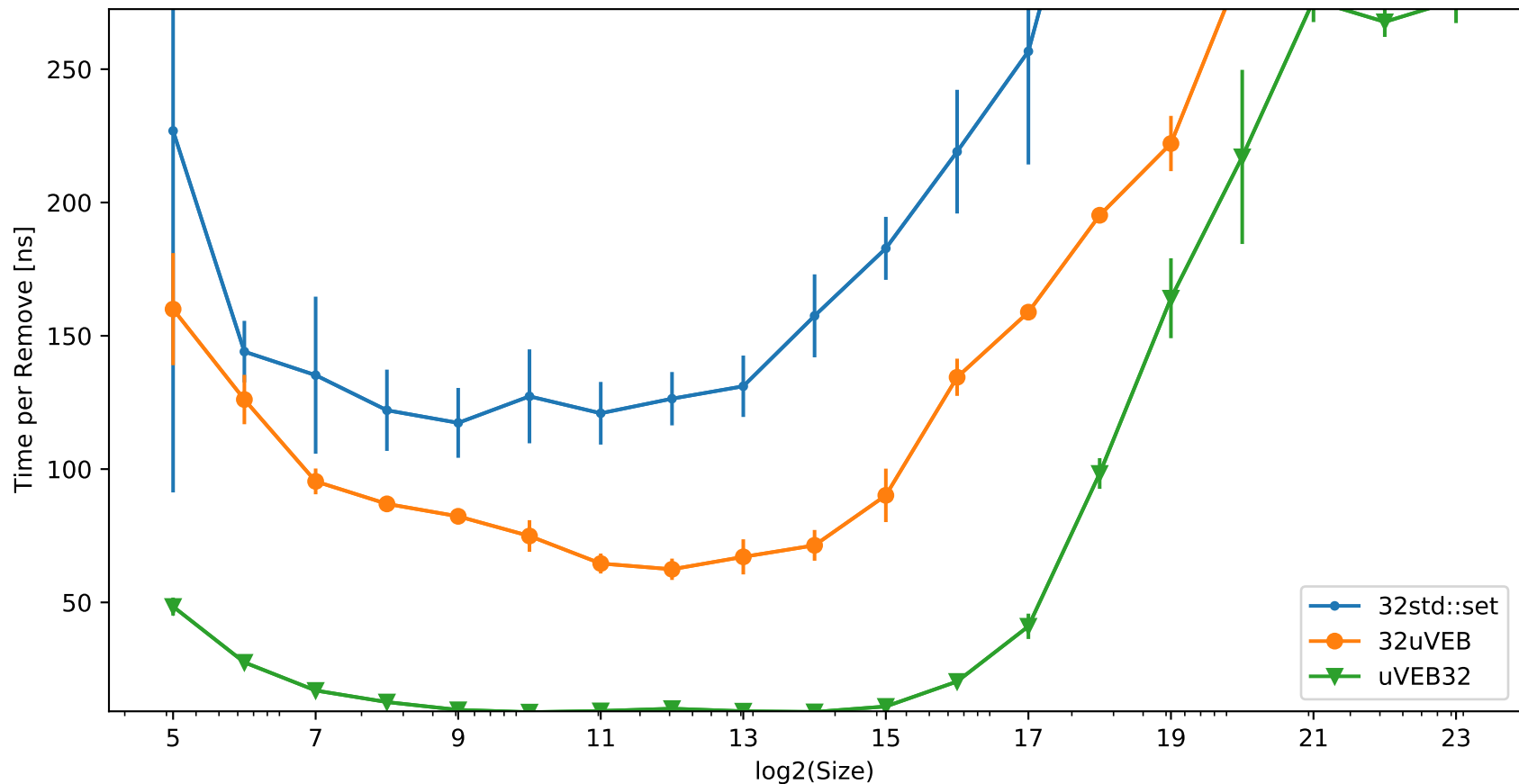
Time to Remove 'Size' Elements (Zoomed in; uniform distribution)



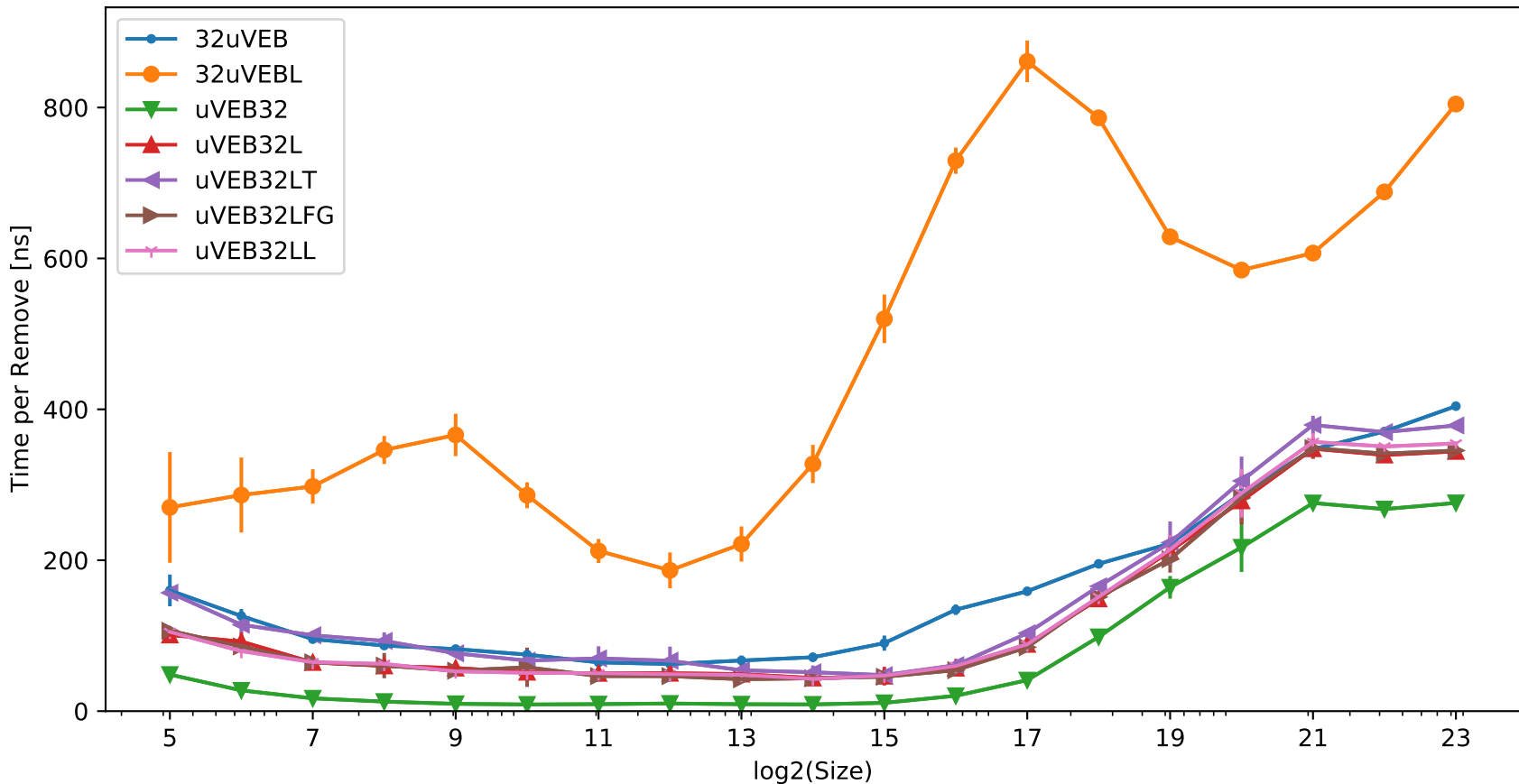
Time to Remove 'Size' Elements (uniform distribution)



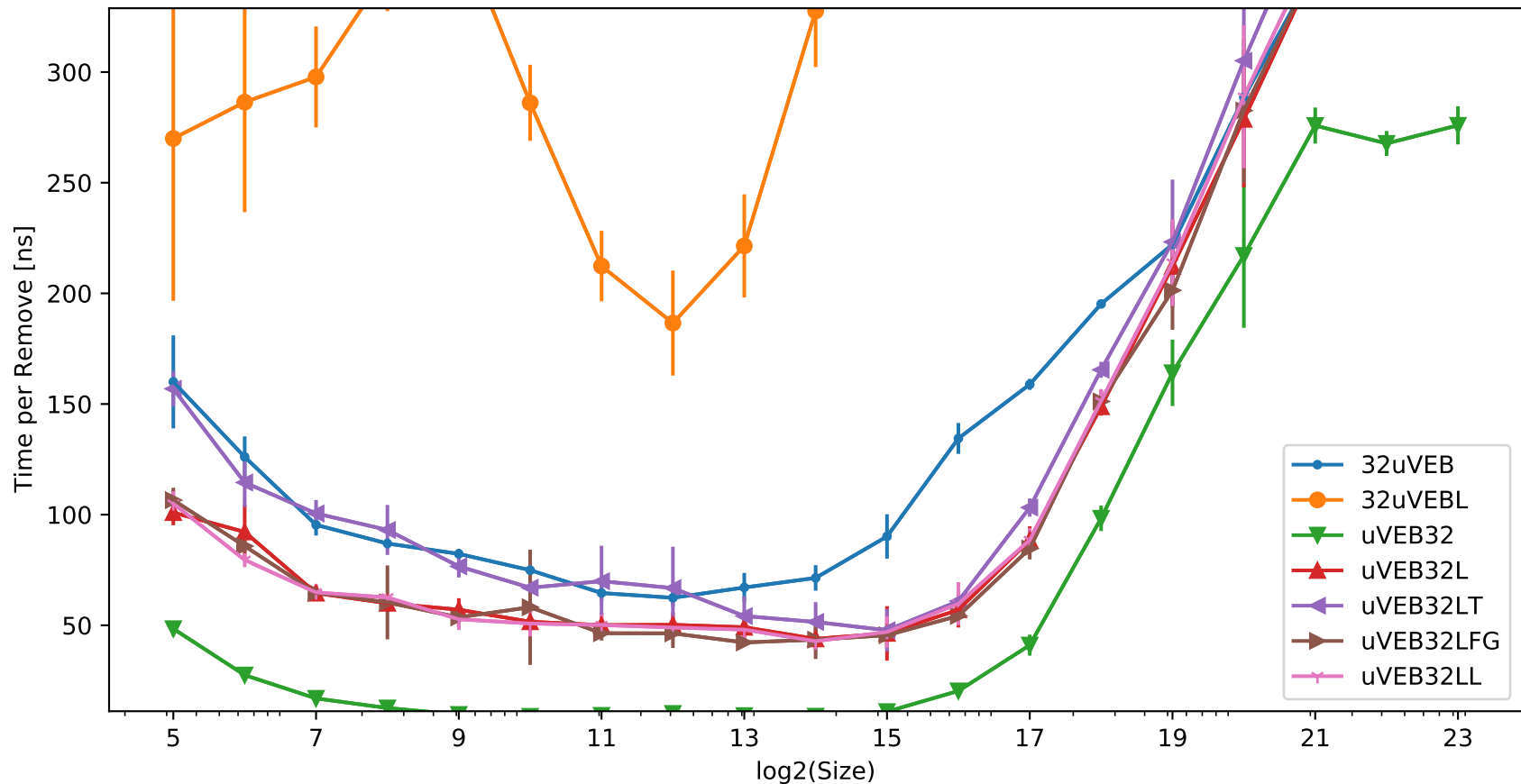
Time to Remove 'Size' Elements (Zoomed in; uniform distribution)



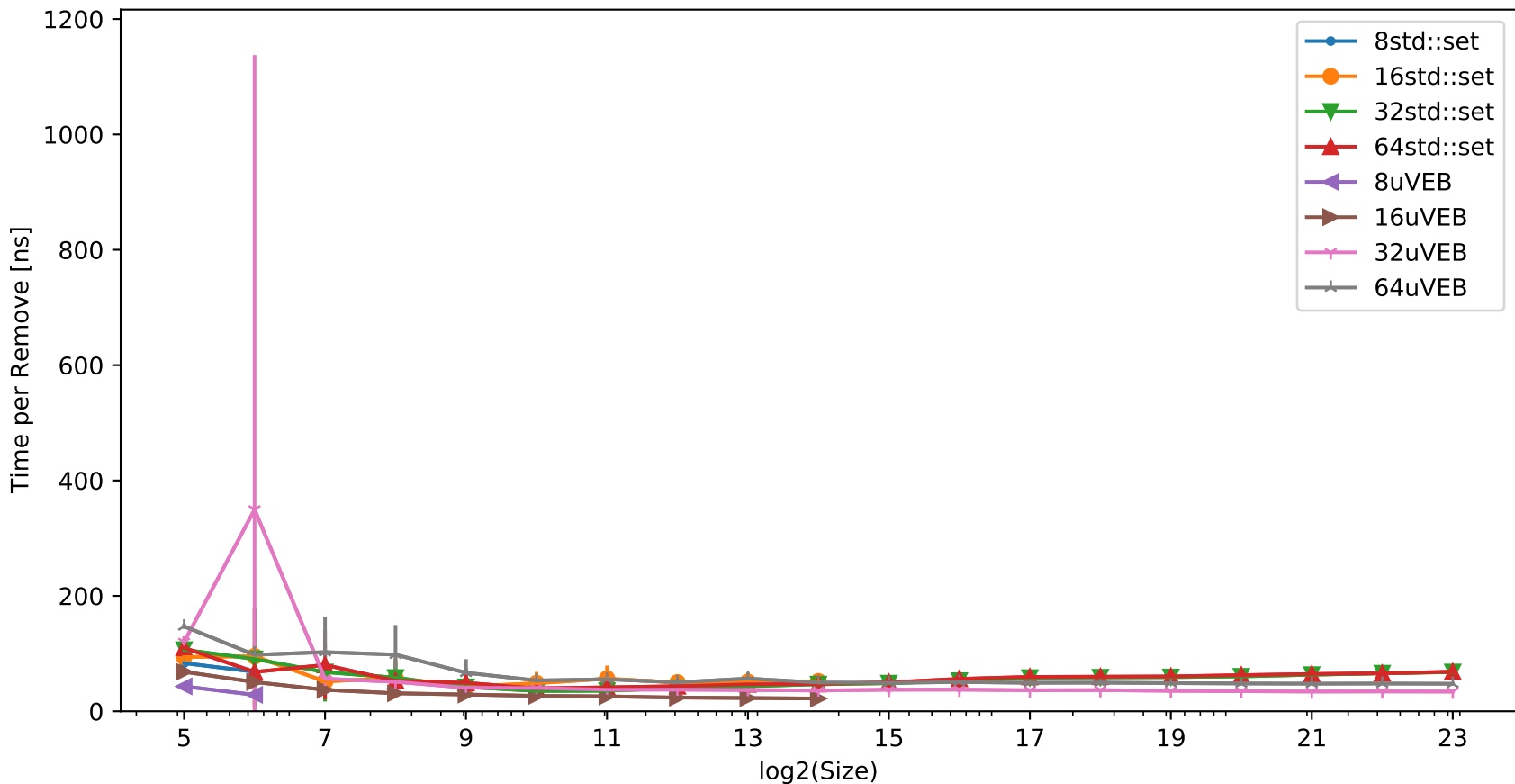
Time to Remove 'Size' Elements (uniform distribution)



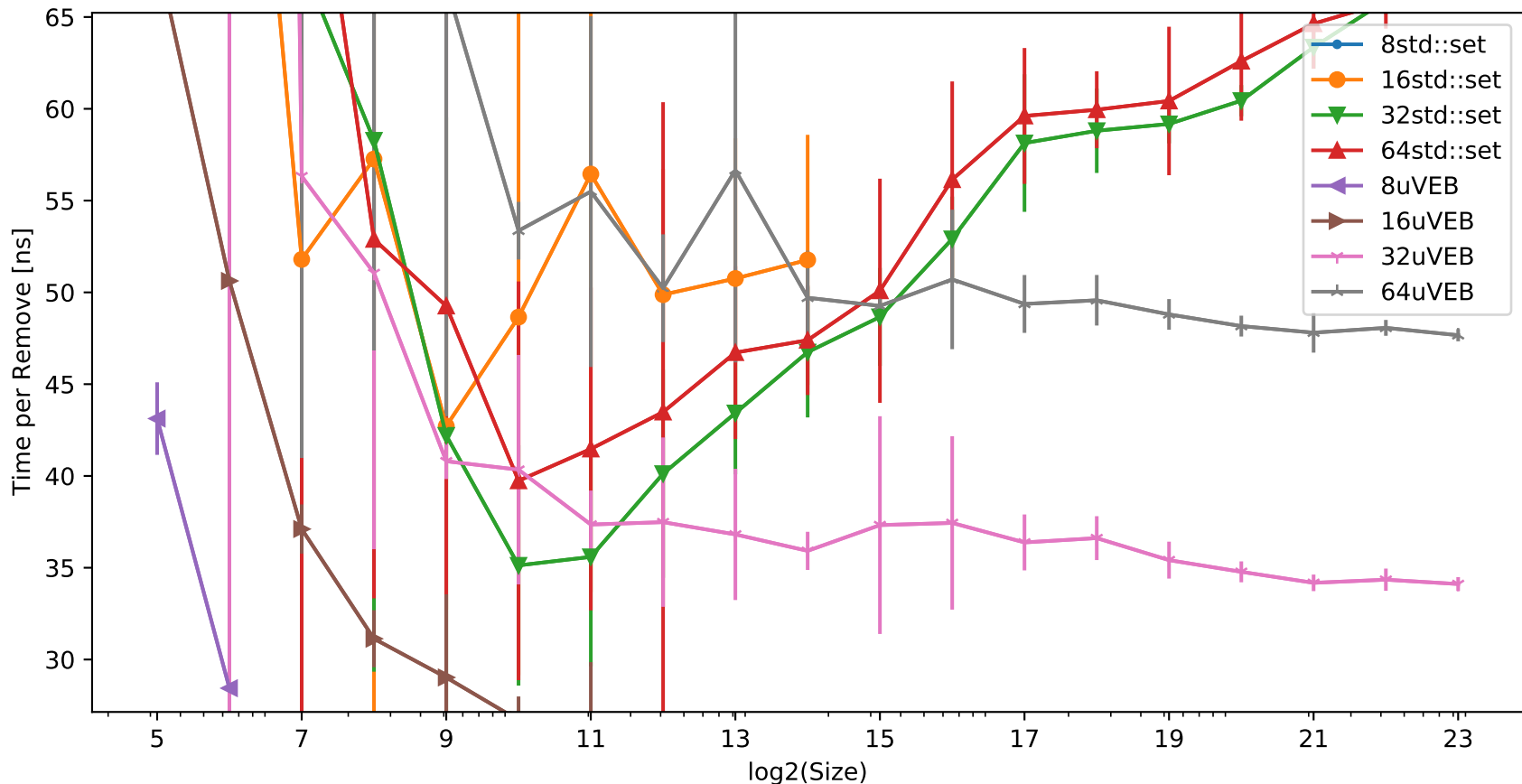
Time to Remove 'Size' Elements (Zoomed in; uniform distribution)



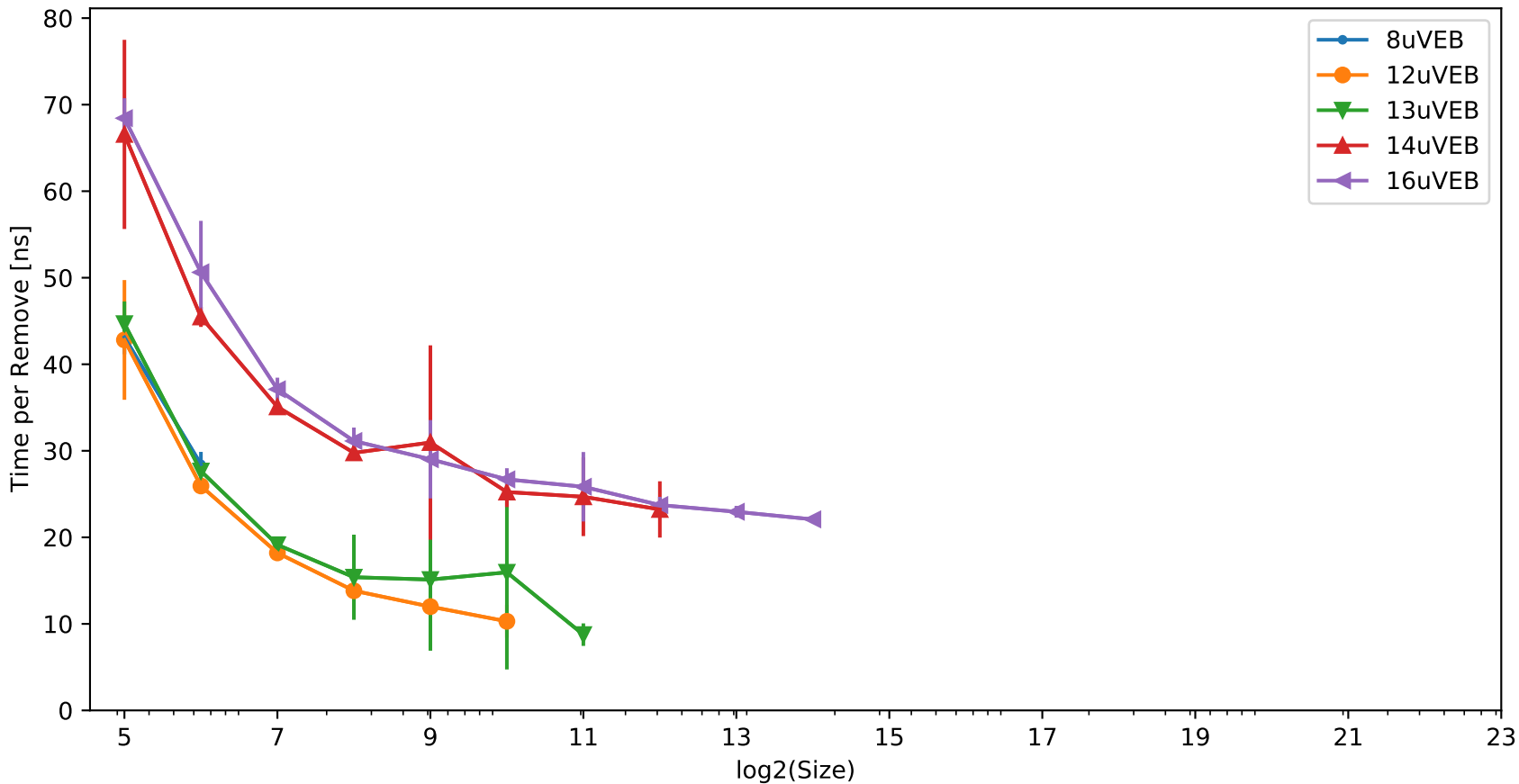
Time to Remove 'Size' Elements (cluster distribution)



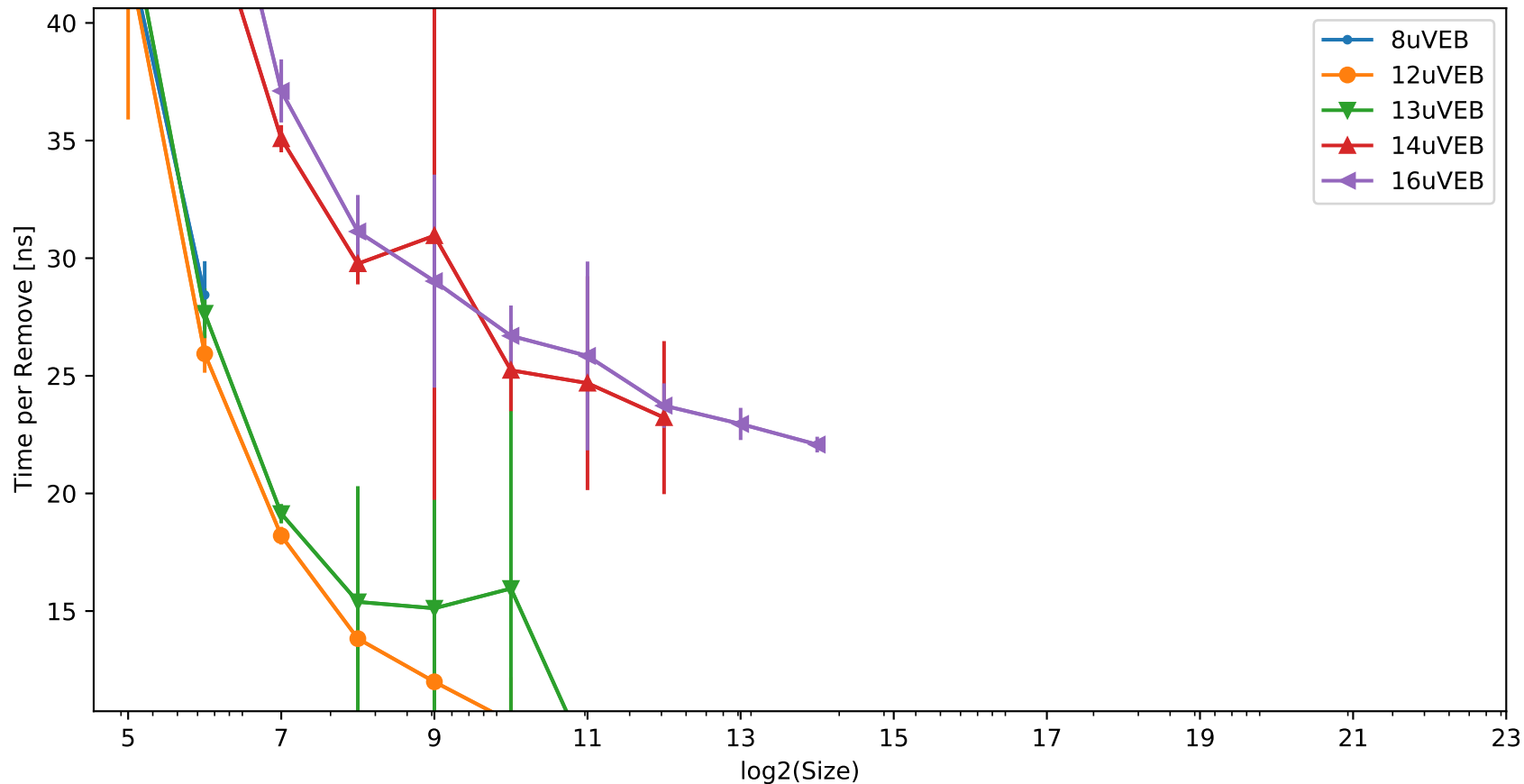
Time to Remove 'Size' Elements (Zoomed in; cluster distribution)



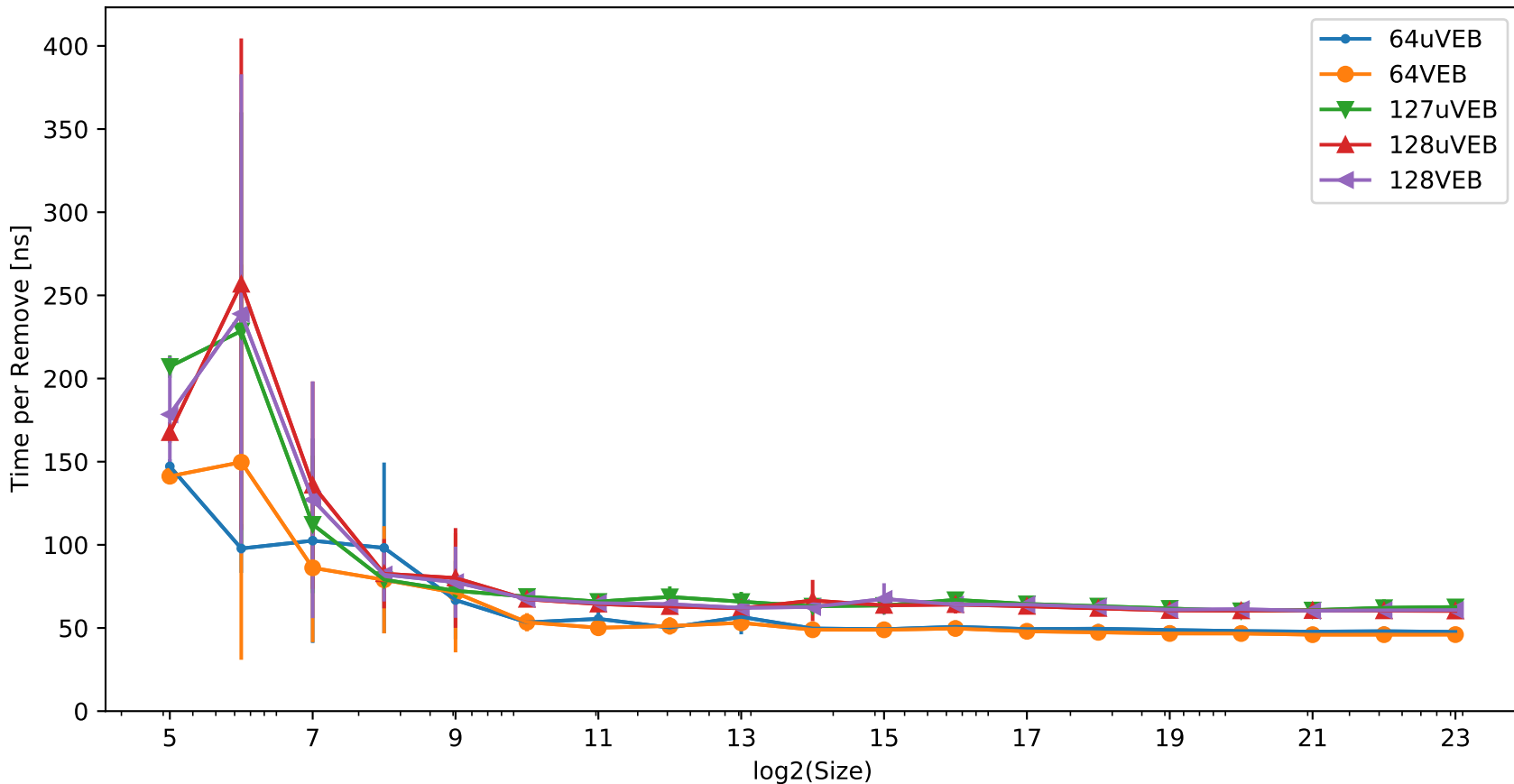
Time to Remove 'Size' Elements (cluster distribution)



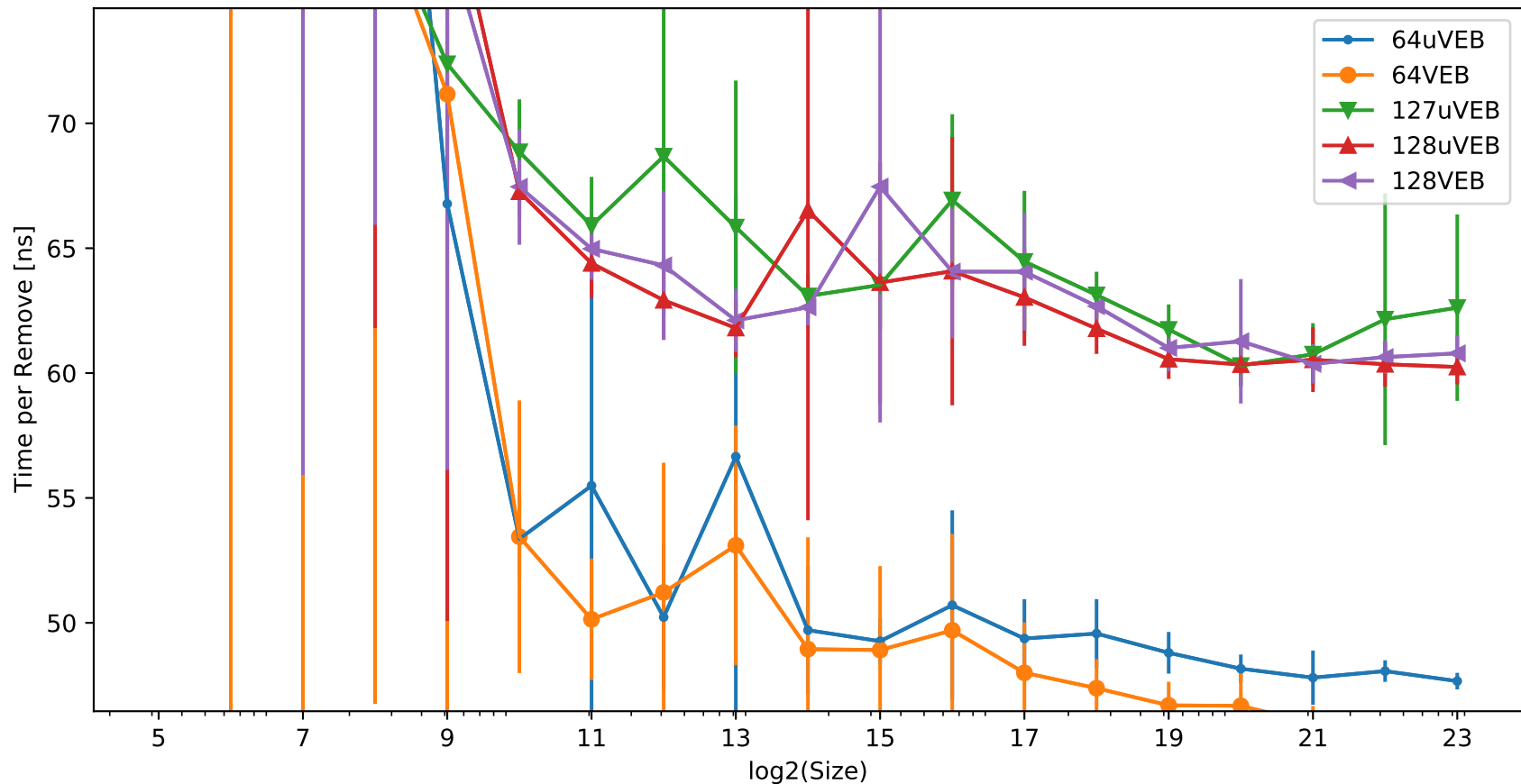
Time to Remove 'Size' Elements (Zoomed in; cluster distribution)



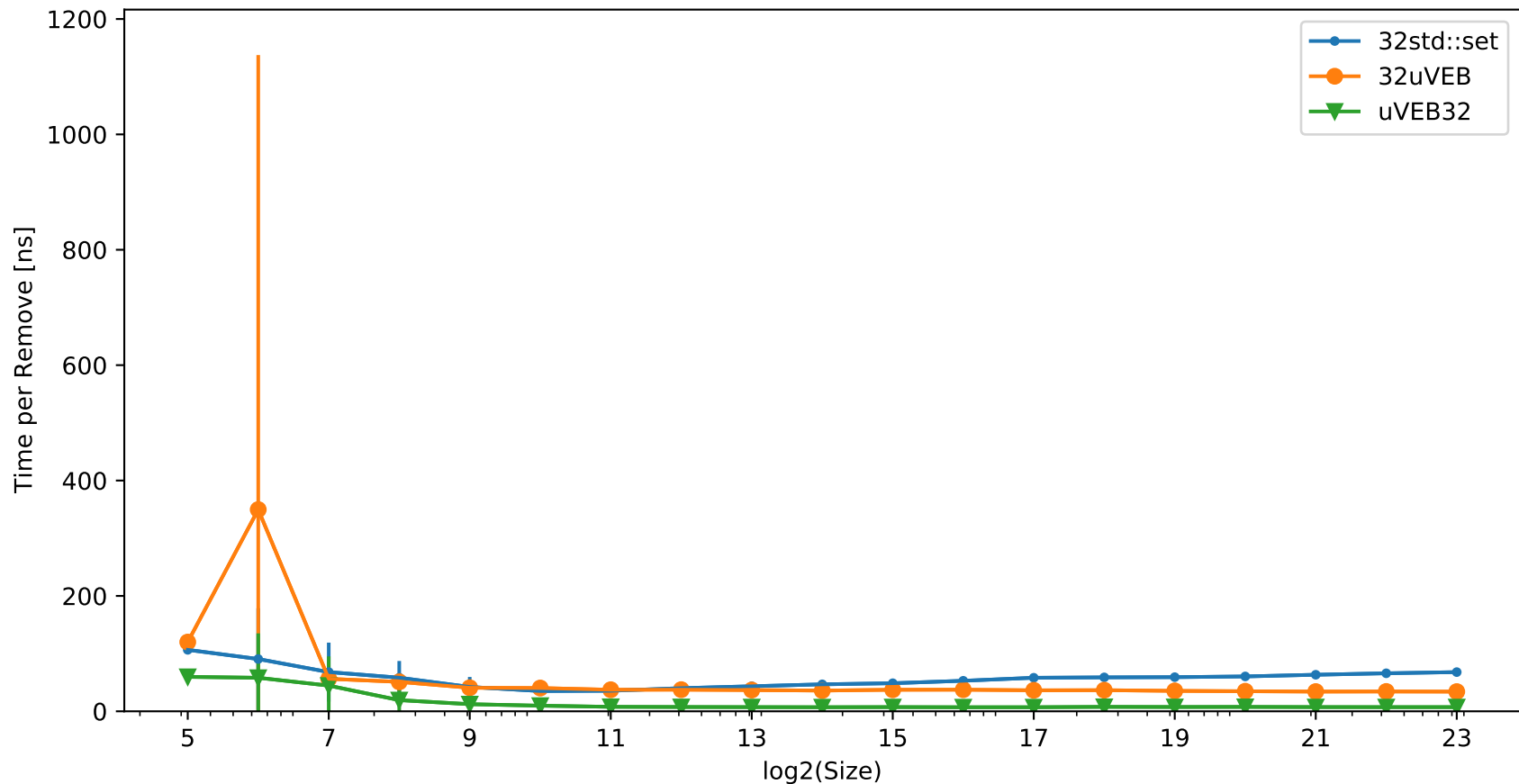
Time to Remove 'Size' Elements (cluster distribution)



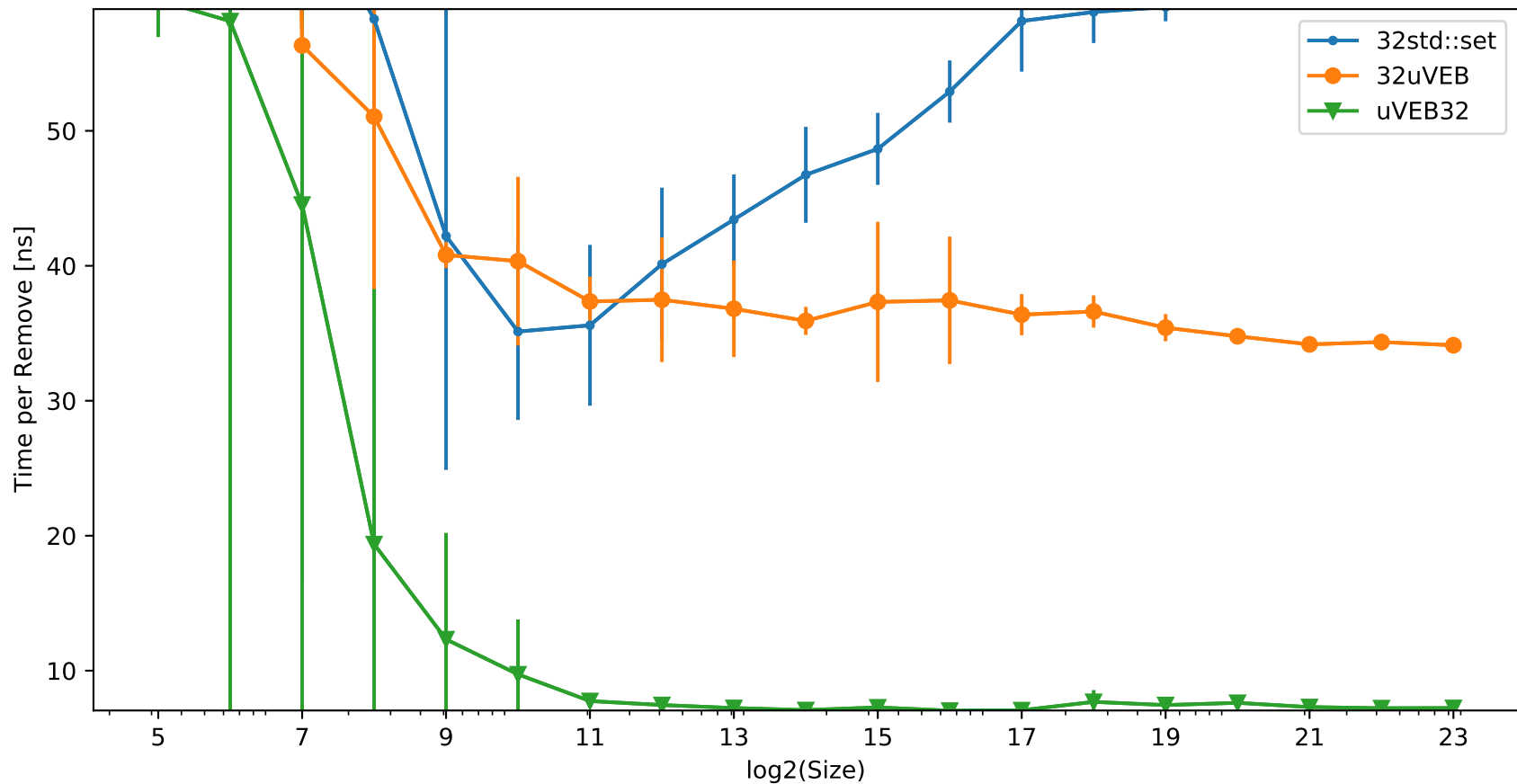
Time to Remove 'Size' Elements (Zoomed in; cluster distribution)



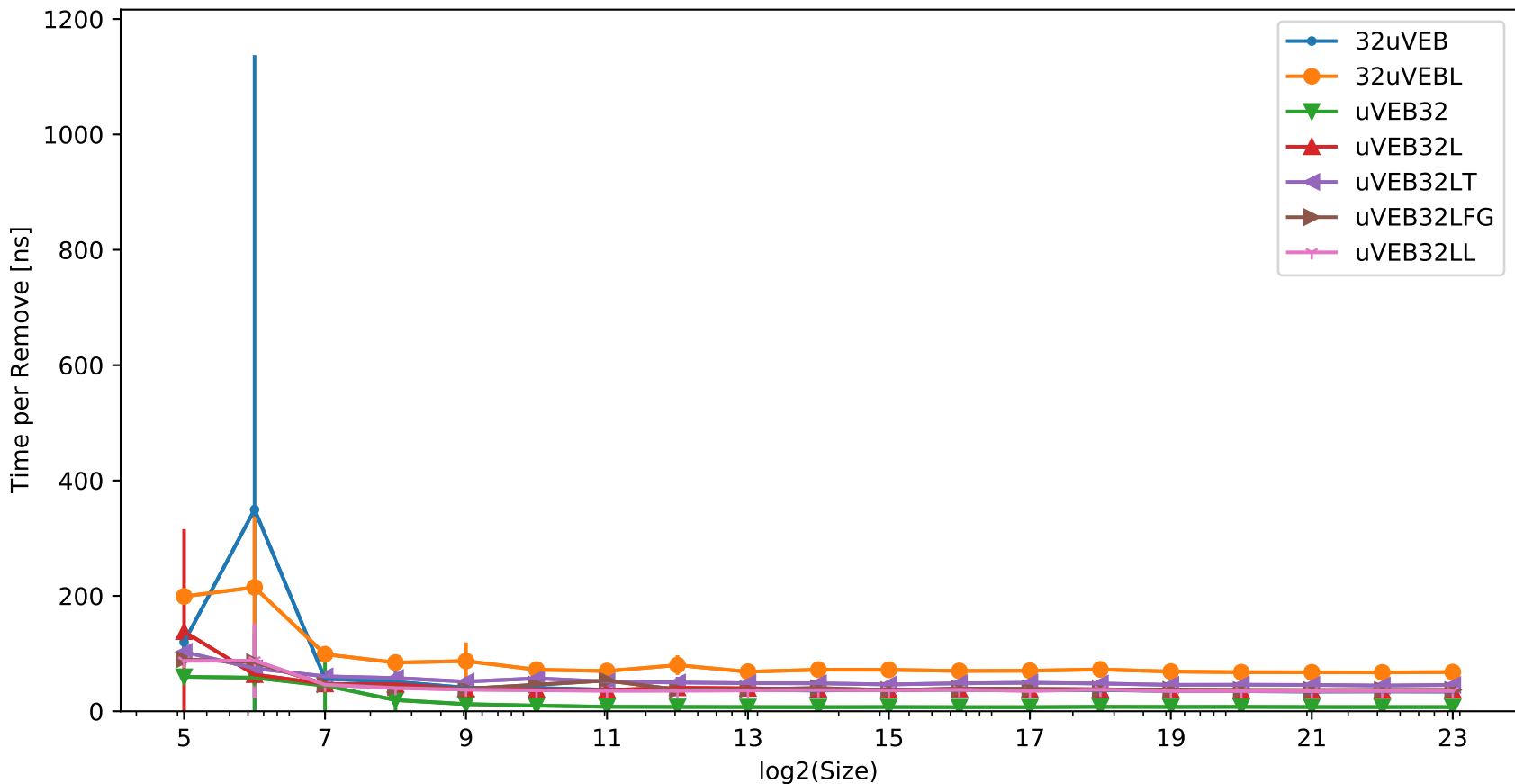
Time to Remove 'Size' Elements (cluster distribution)



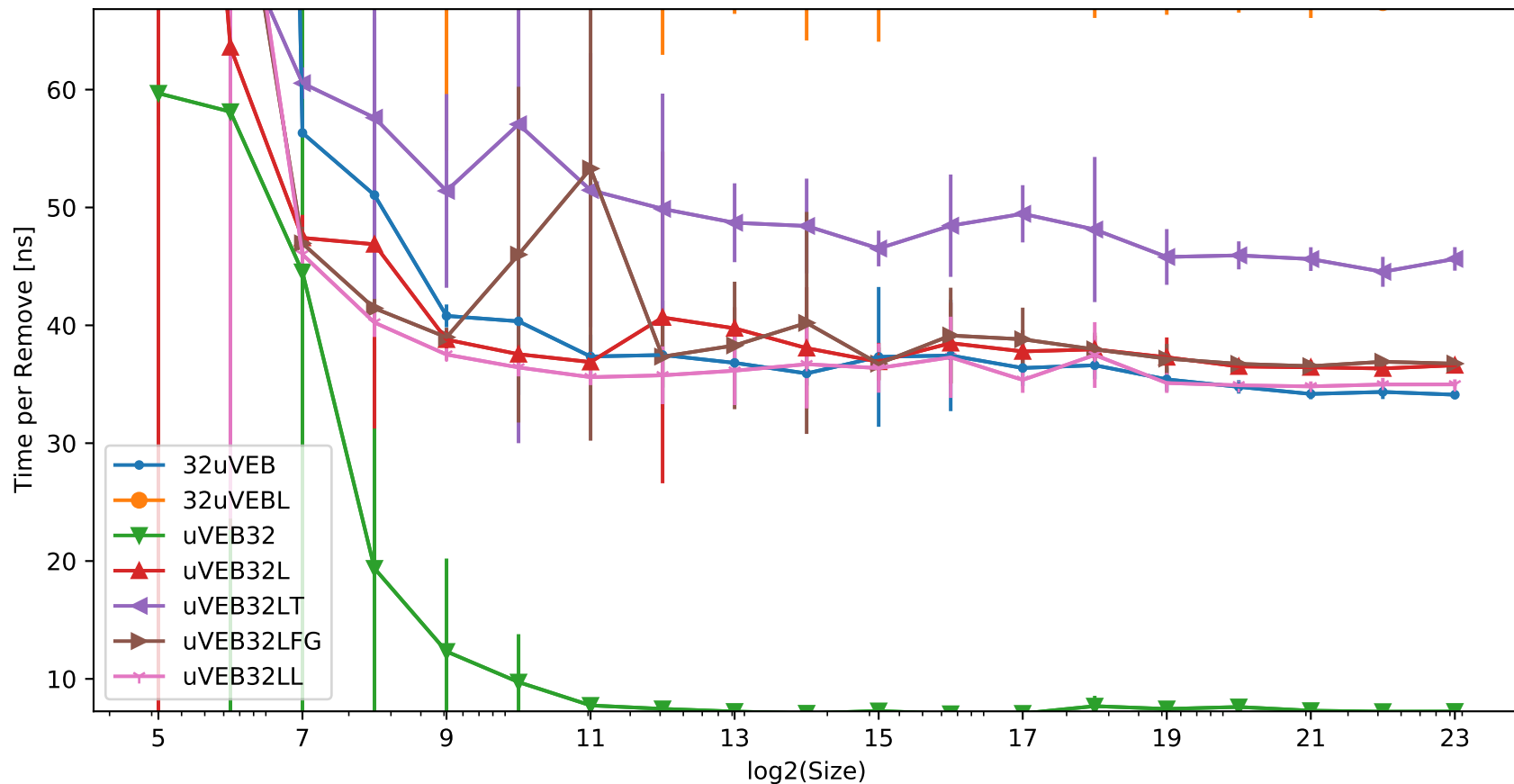
Time to Remove 'Size' Elements (Zoomed in; cluster distribution)



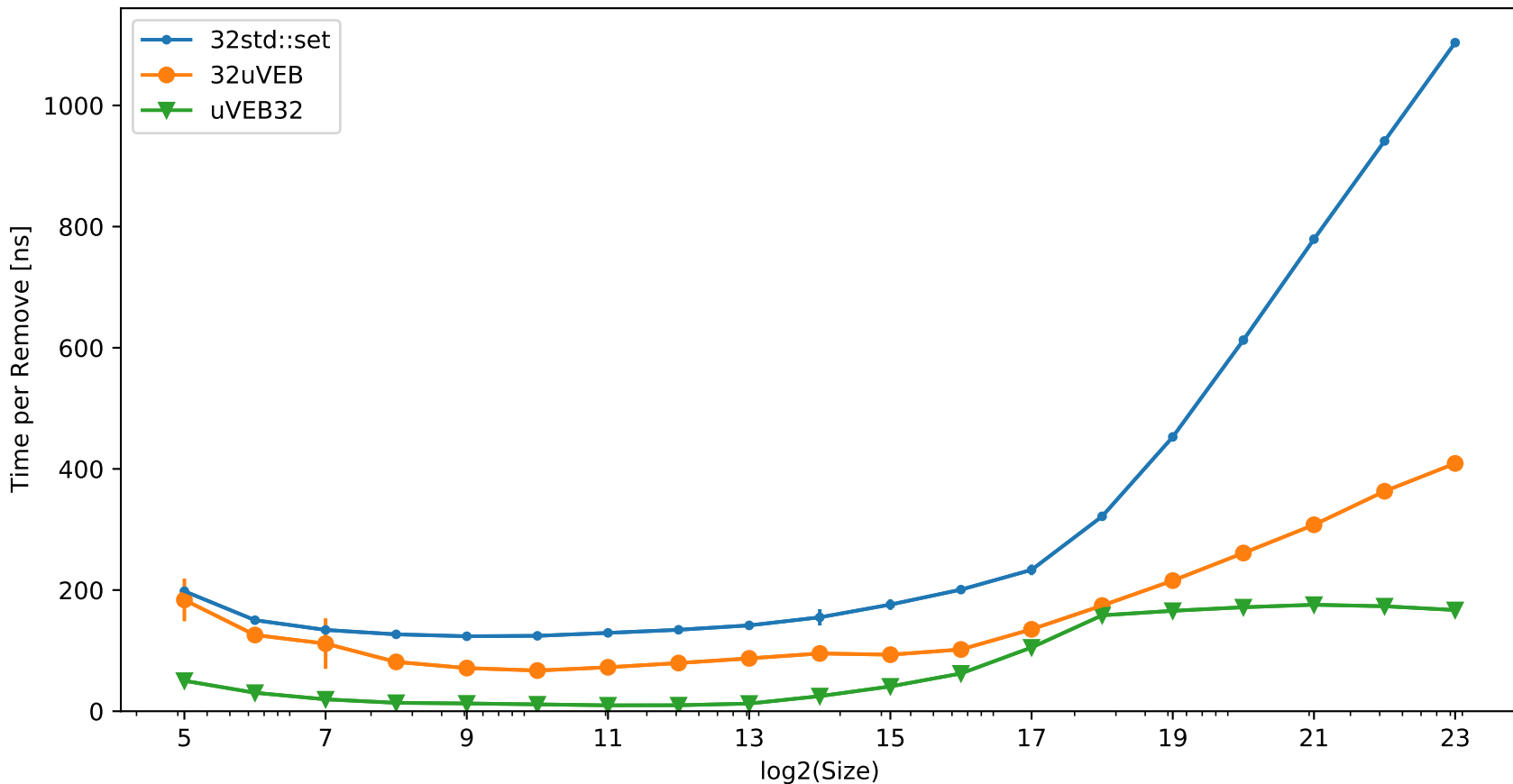
Time to Remove 'Size' Elements (cluster distribution)



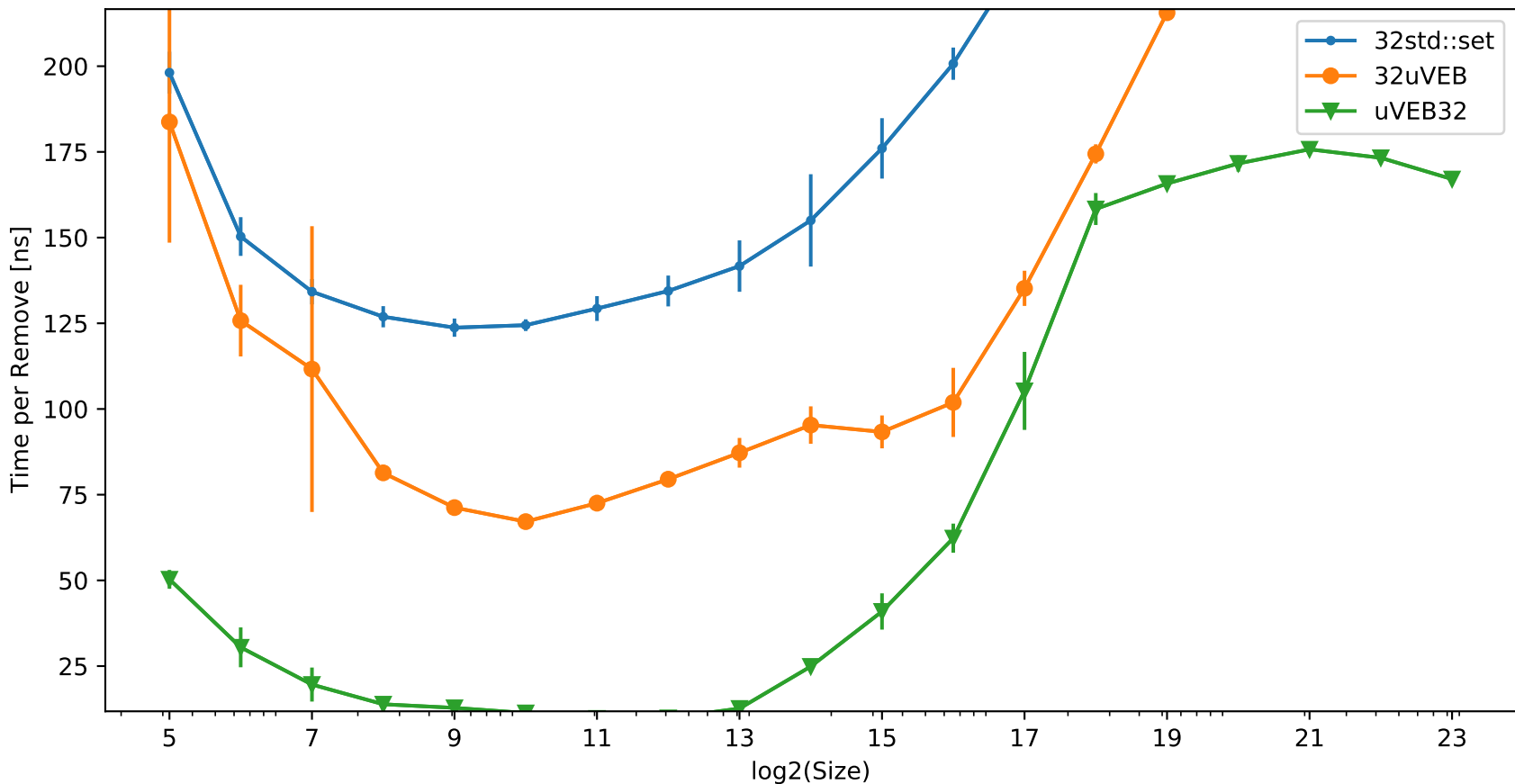
Time to Remove 'Size' Elements (Zoomed in; cluster distribution)



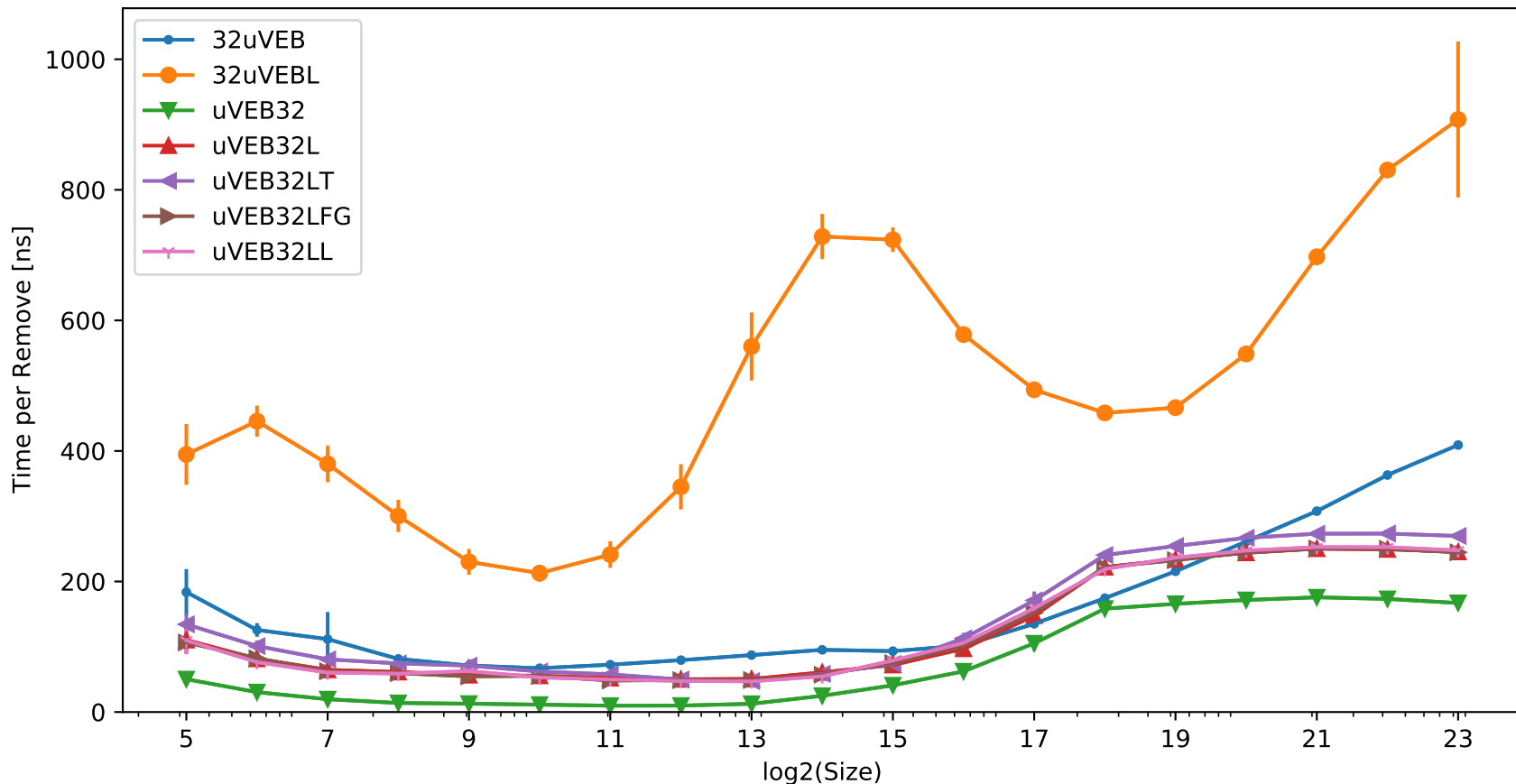
Time to Remove 'Size' Elements (normal distribution)



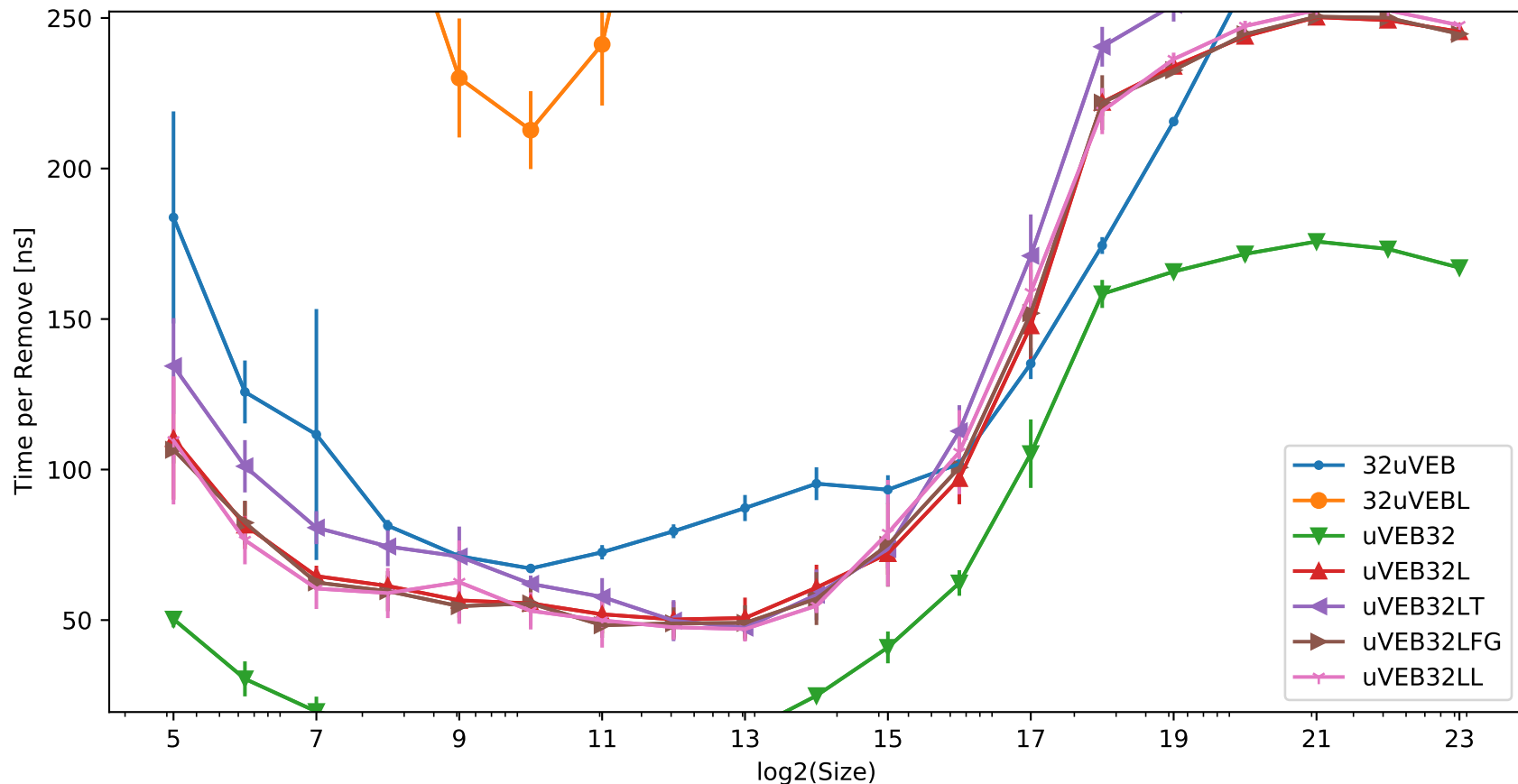
Time to Remove 'Size' Elements (Zoomed in; normal distribution)



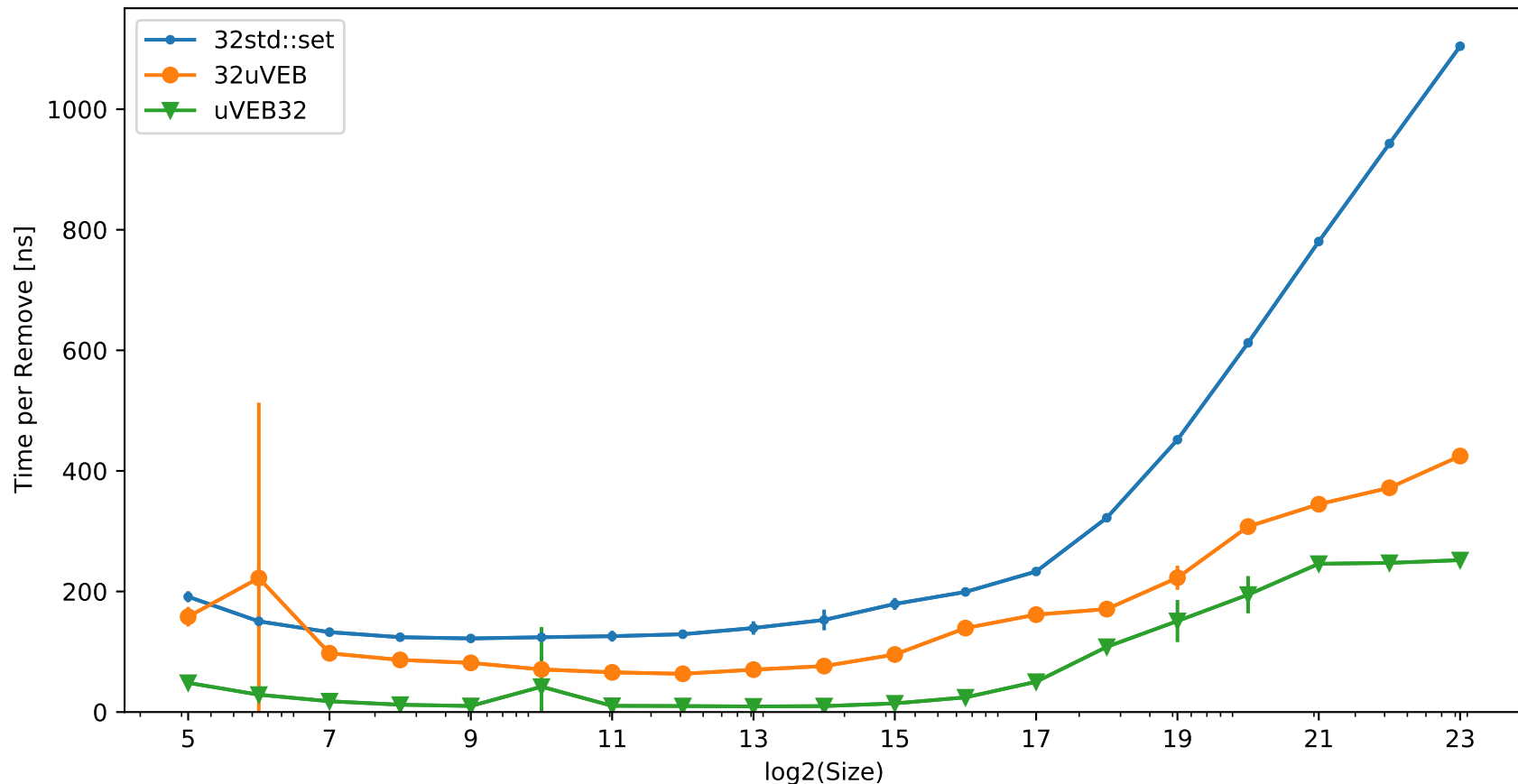
Time to Remove 'Size' Elements (normal distribution)



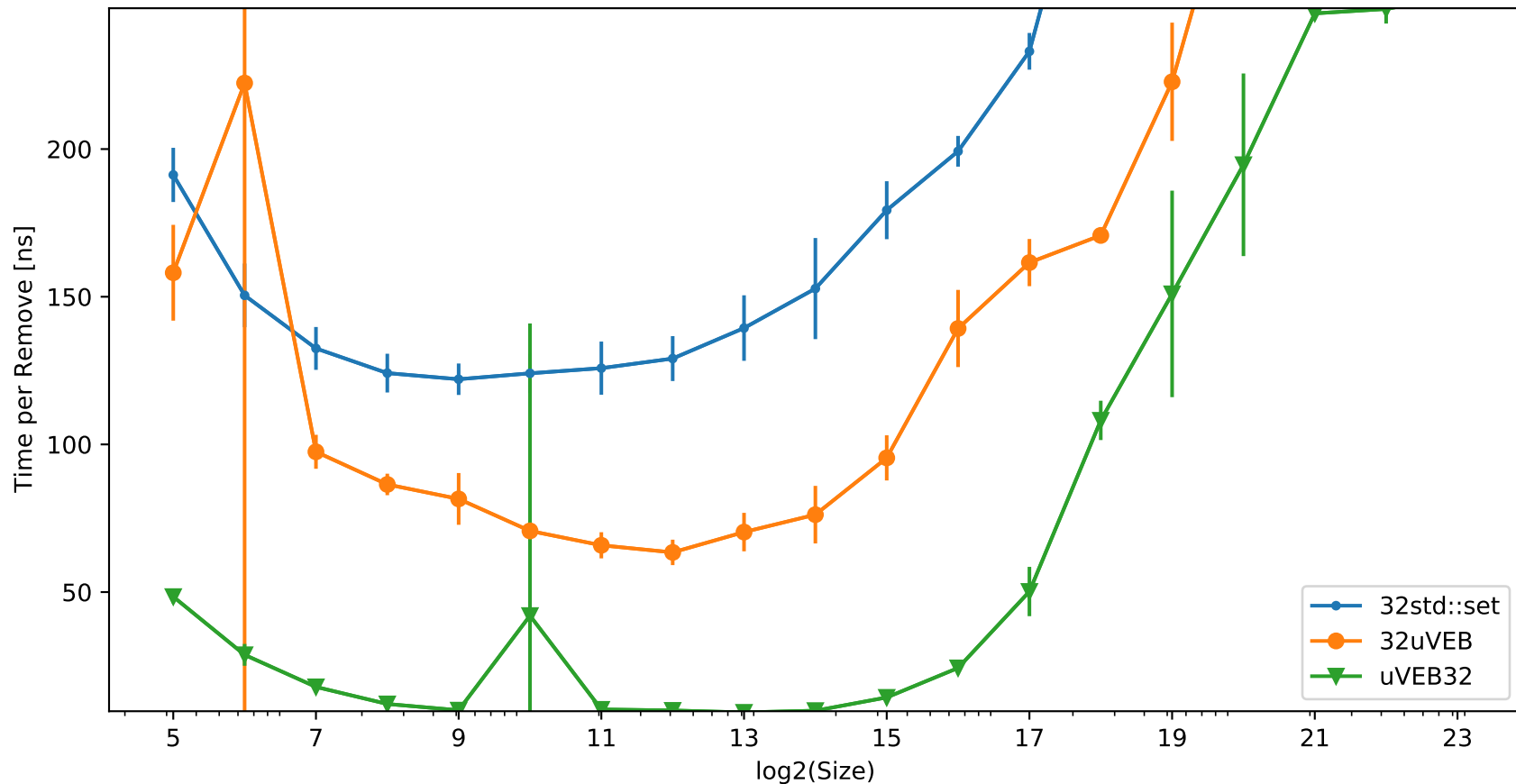
Time to Remove 'Size' Elements (Zoomed in; normal distribution)



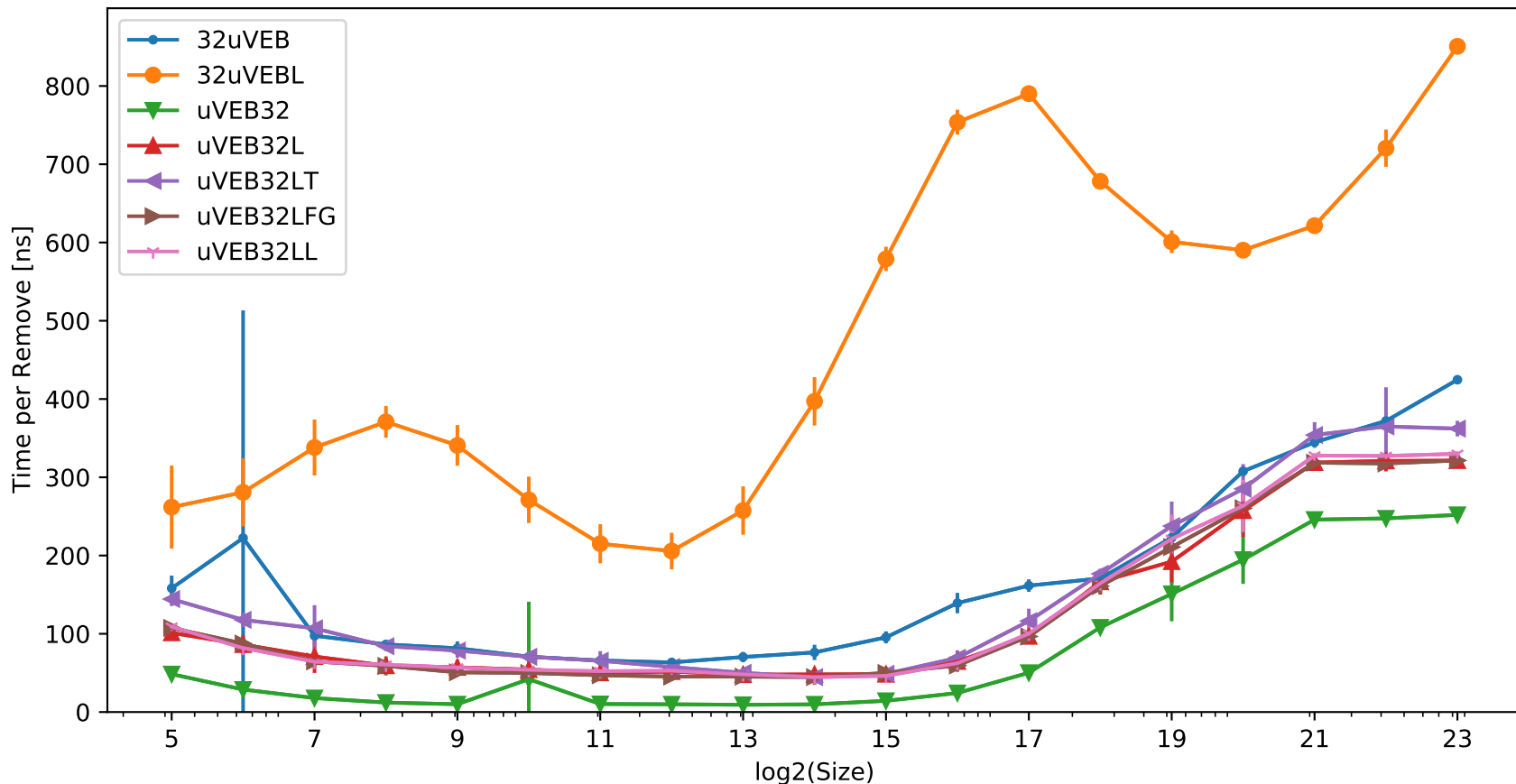
Time to Remove 'Size' Elements (incProb distribution)



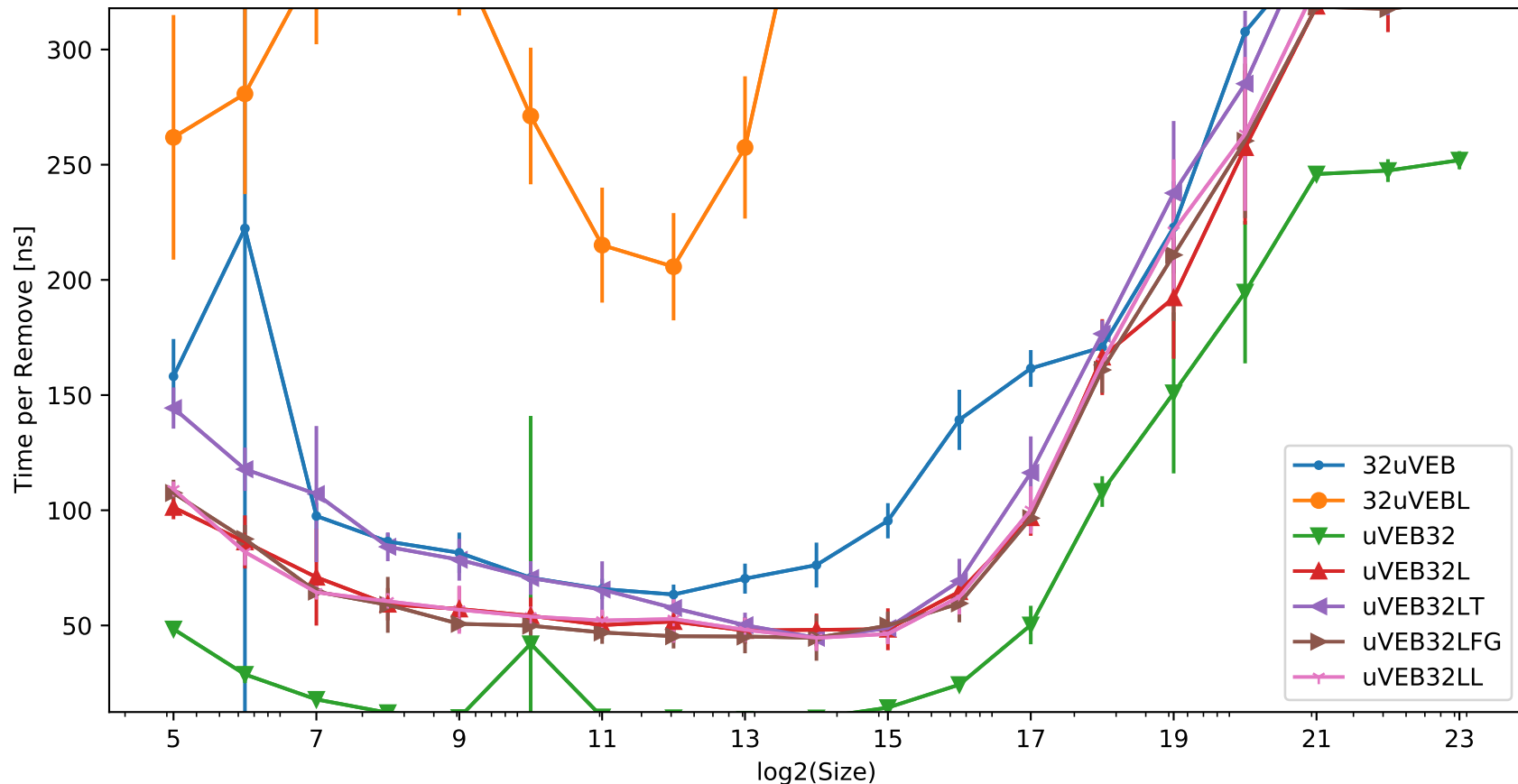
Time to Remove 'Size' Elements (Zoomed in; incProb distribution)



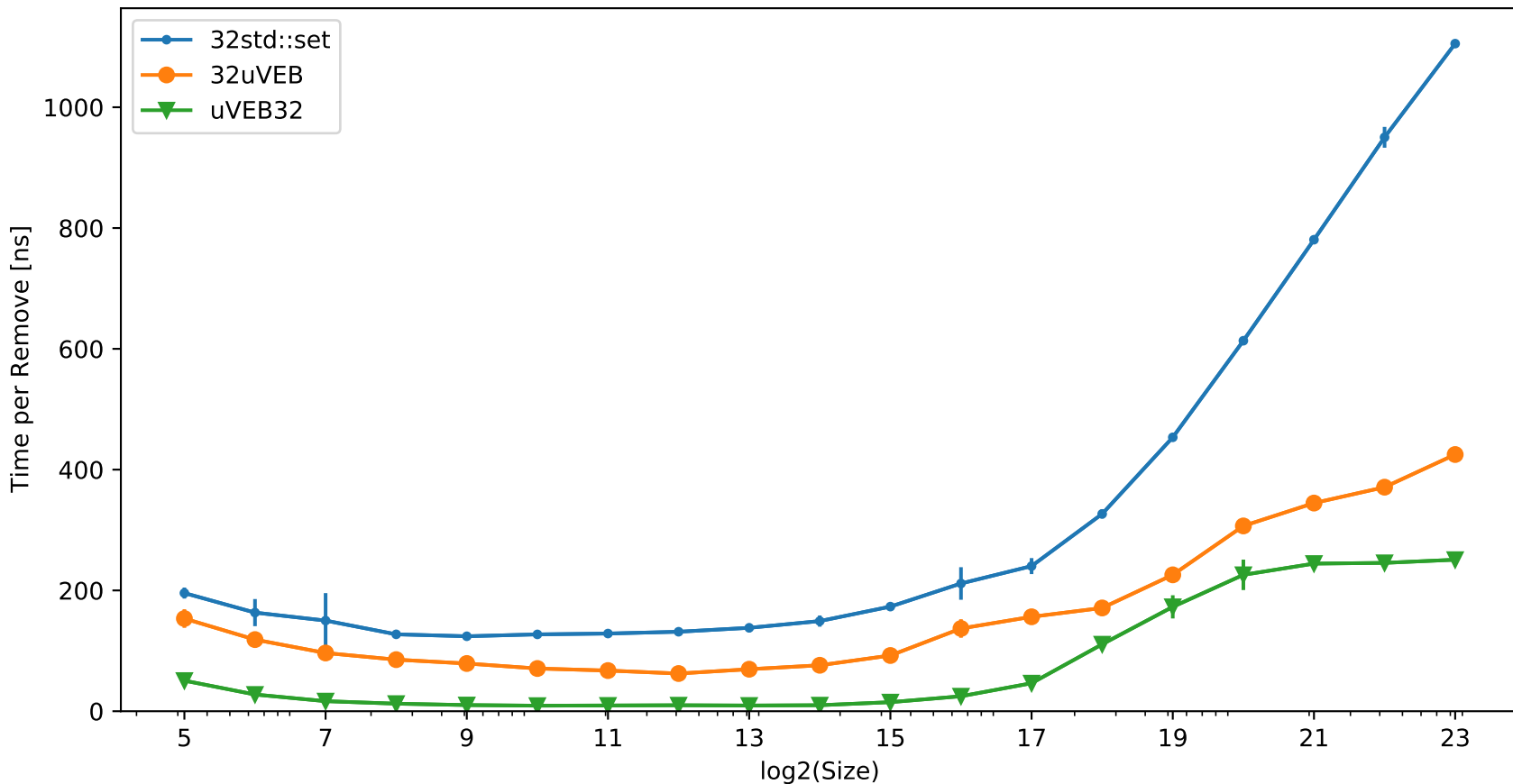
Time to Remove 'Size' Elements (incProb distribution)



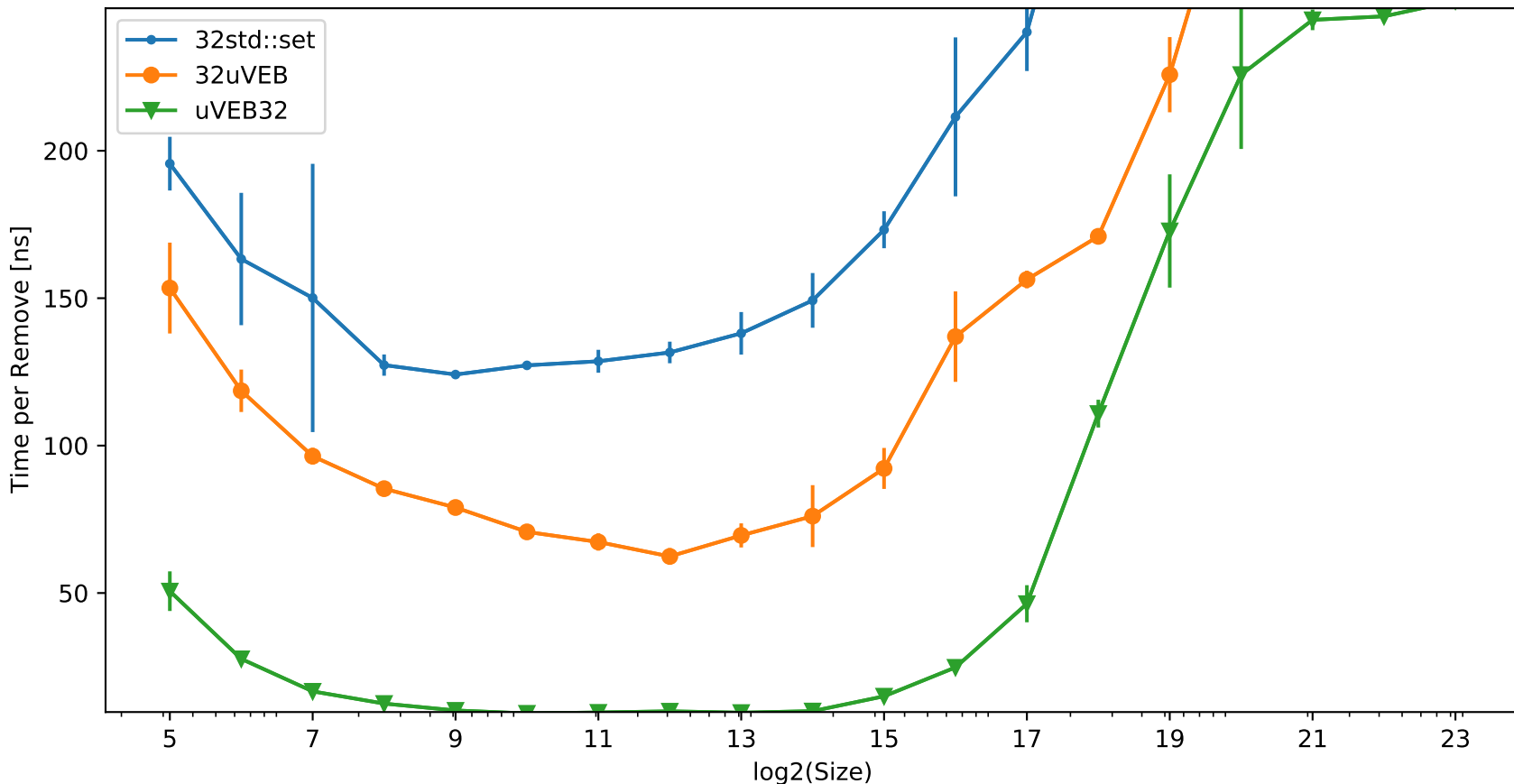
Time to Remove 'Size' Elements (Zoomed in; incProb distribution)



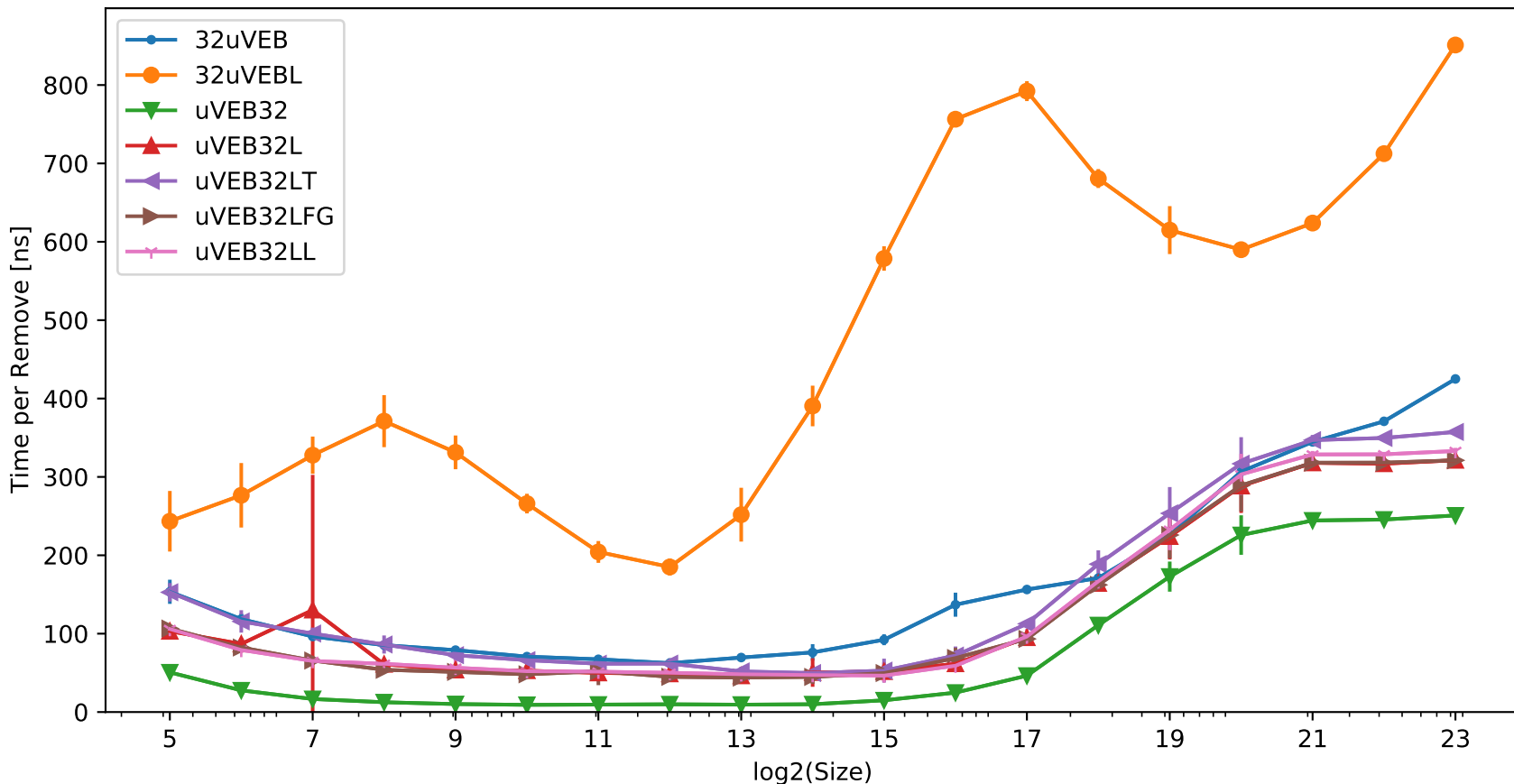
Time to Remove 'Size' Elements (decProb distribution)



Time to Remove 'Size' Elements (Zoomed in; decProb distribution)



Time to Remove 'Size' Elements (decProb distribution)



Time to Remove 'Size' Elements (Zoomed in; decProb distribution)

