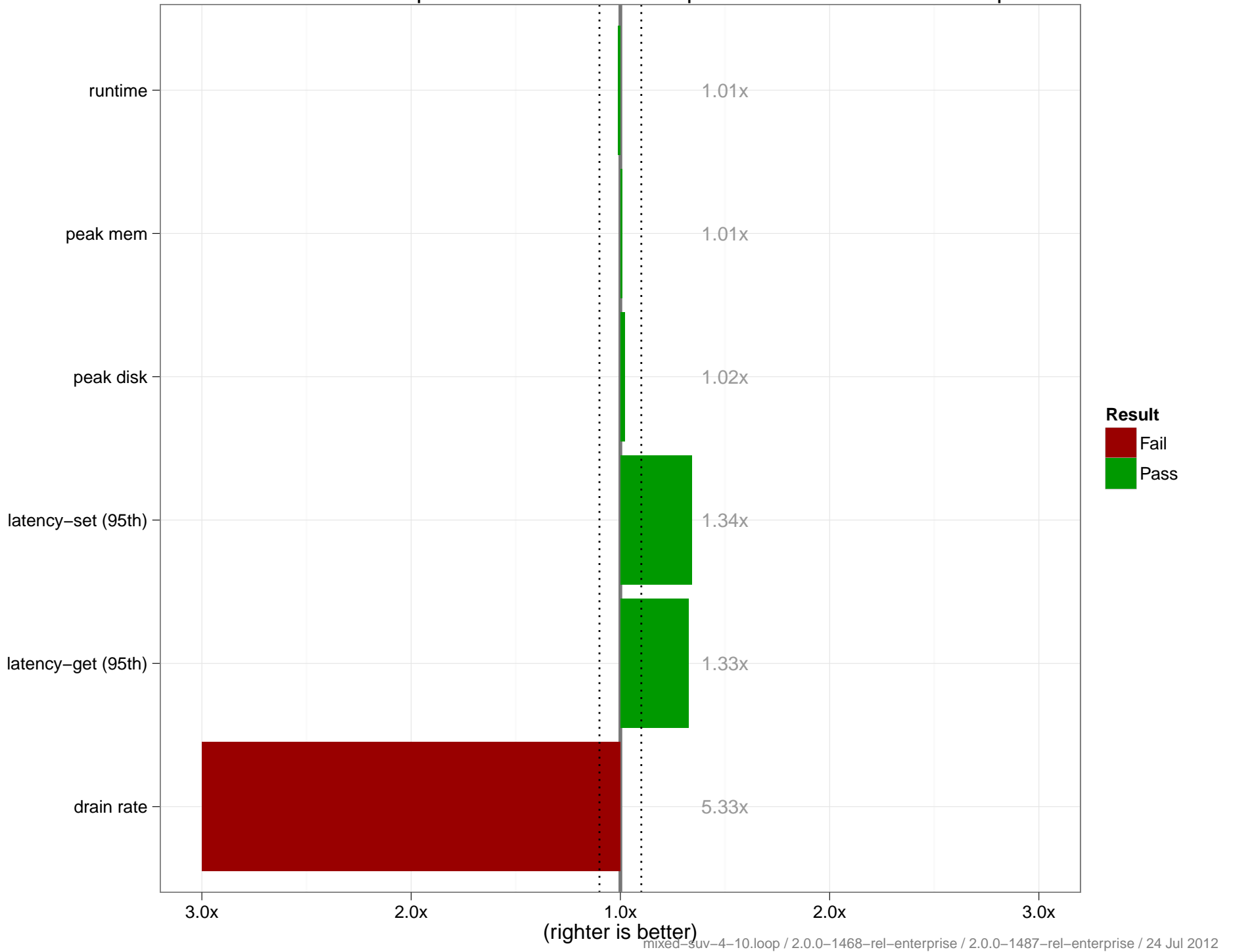
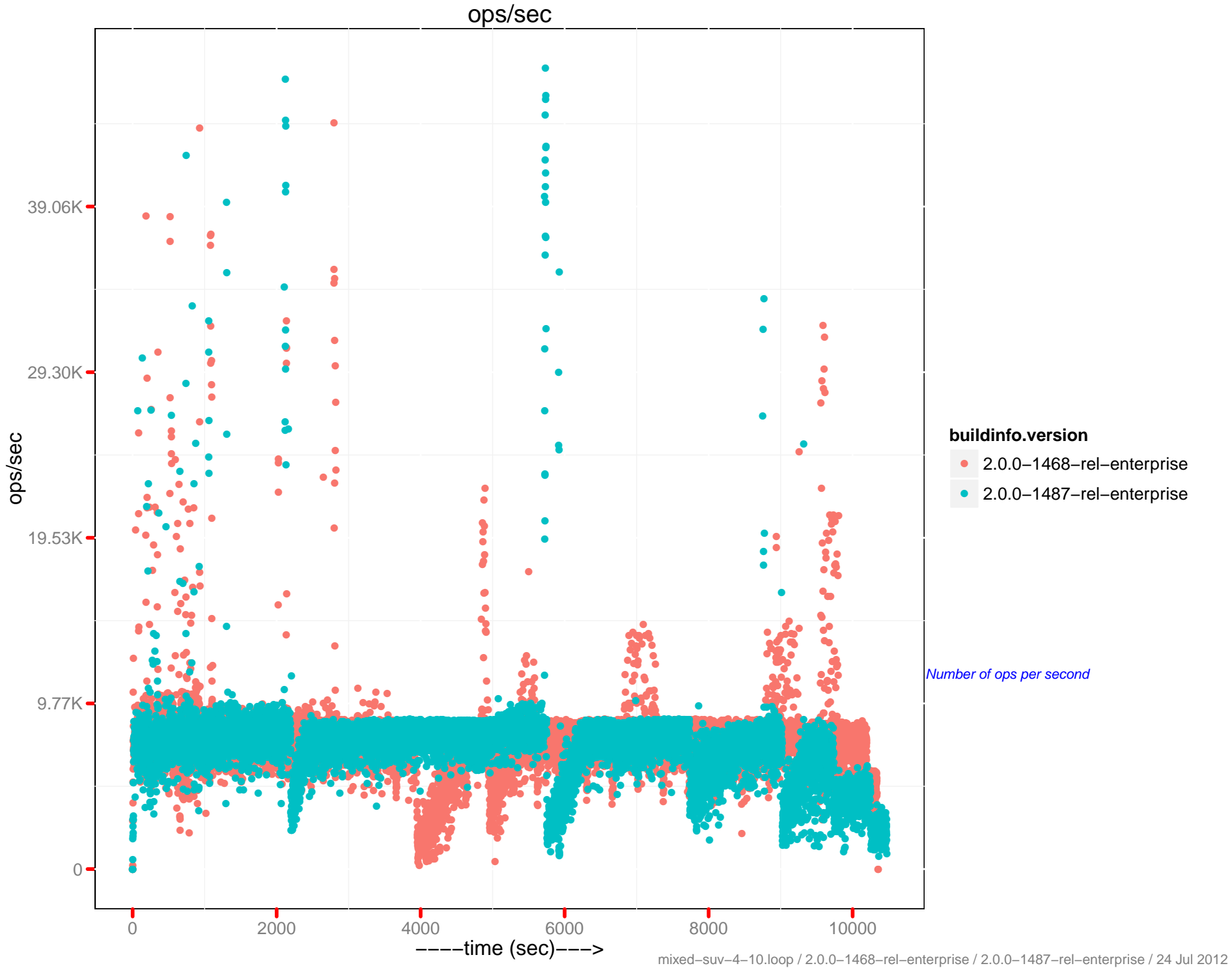


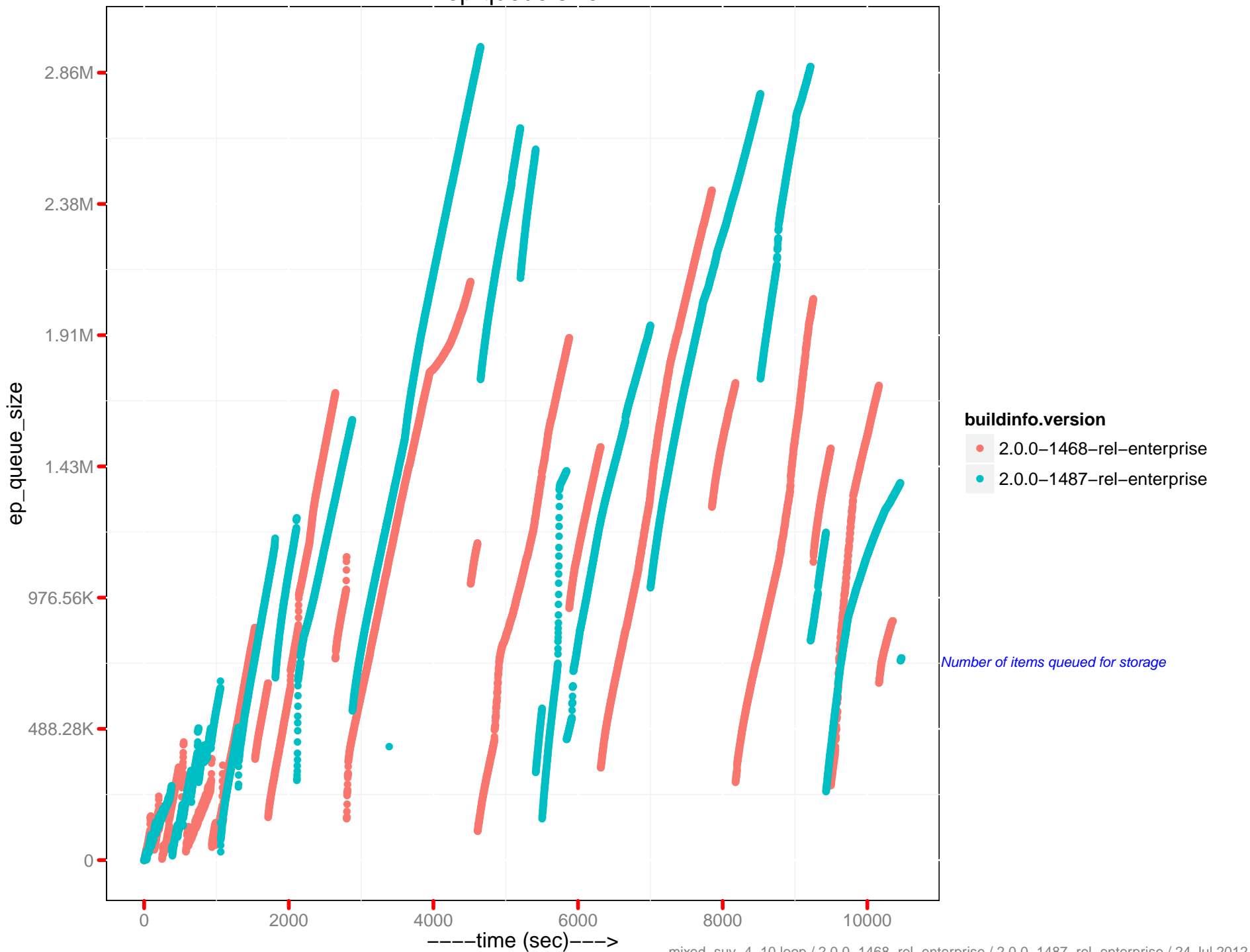
mixed-suv-4-10.loop : 2.0.0-1468-rel-enterprise : 2.0.0-1487-rel-enterprise



|                                    | <b>2.0.0 – 1468</b> | <b>2.0.0 – 1487</b> |
|------------------------------------|---------------------|---------------------|
| <i>Runtime (in hr)</i>             | 2.89                | 2.92                |
| <i>Avg. Drain Rate</i>             | 8.93K               | 1.68K               |
| <i>Peak Disk (GB)</i>              | 37.54               | 36.76               |
| <i>Peak Memory (GB)</i>            | 16.88               | 16.72               |
| <i>Avg. OPS</i>                    | 7.47K               | 7.15K               |
| <i>Avg. mem memcached (GB)</i>     | 16.47               | 16.26               |
| <i>Avg. mem beam.smp (MB)</i>      | 359.61              | 370.28              |
| <i>Latency-get (90th) (ms)</i>     | 0.81                | 0.62                |
| <i>Latency-get (95th) (ms)</i>     | 1.23                | 0.93                |
| <i>Latency-get (99th) (ms)</i>     | 3.81                | 2.57                |
| <i>Latency-set (90th) (ms)</i>     | 0.84                | 0.63                |
| <i>Latency-set (95th) (ms)</i>     | 1.26                | 0.94                |
| <i>Latency-set (99th) (ms)</i>     | 3.69                | 2.5                 |
| <i>Latency-query (80th) (ms)</i>   | NA                  | NA                  |
| <i>Latency-query (90th) (ms)</i>   | NA                  | NA                  |
| <i>Latency-query (95th) (ms)</i>   | NA                  | NA                  |
| <i>Latency-query (99th) (ms)</i>   | NA                  | NA                  |
| <i>Latency-query (99.9th) (ms)</i> | NA                  | NA                  |
| <i>Avg. QPS</i>                    | 0                   | 0                   |
| <i>Rebalance Time (sec)</i>        | 0                   | 0                   |
| <i>Testrunner Version</i>          | 2e4de23             | 2718316             |



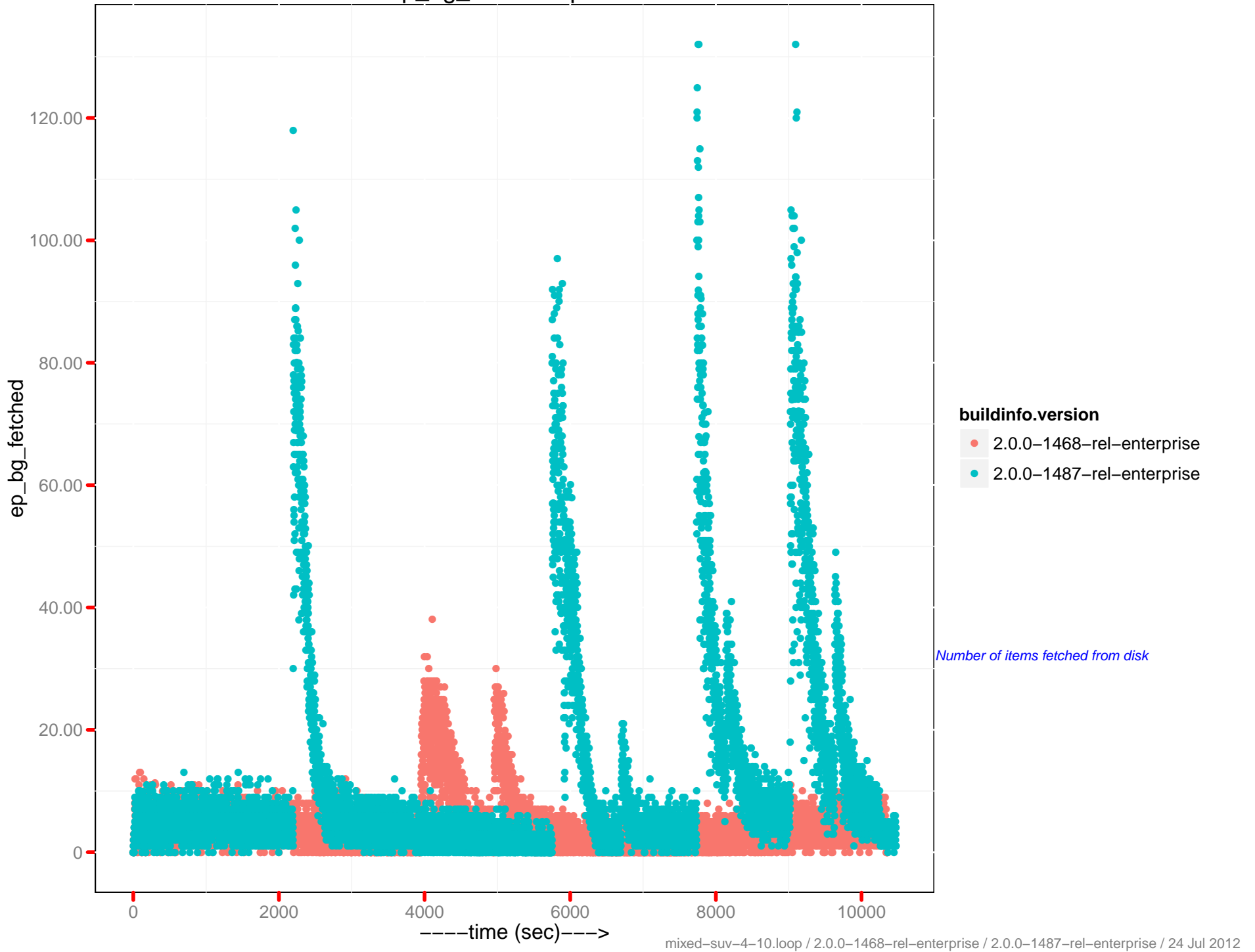
# ep queue size



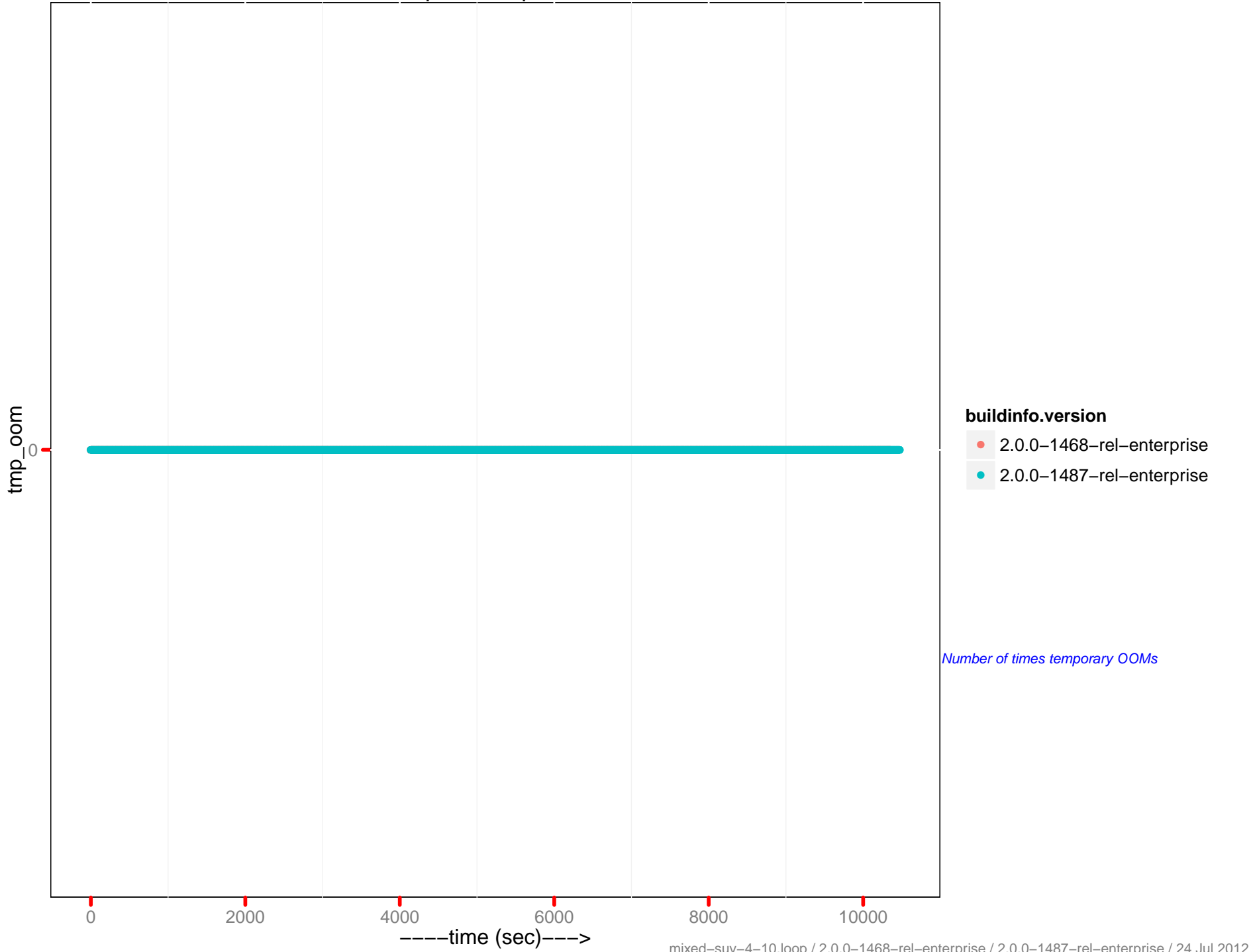
# ep\_diskqueue\_drain



# ep\_bg\_fetched ops/sec



# tmp\_oom ops/sec

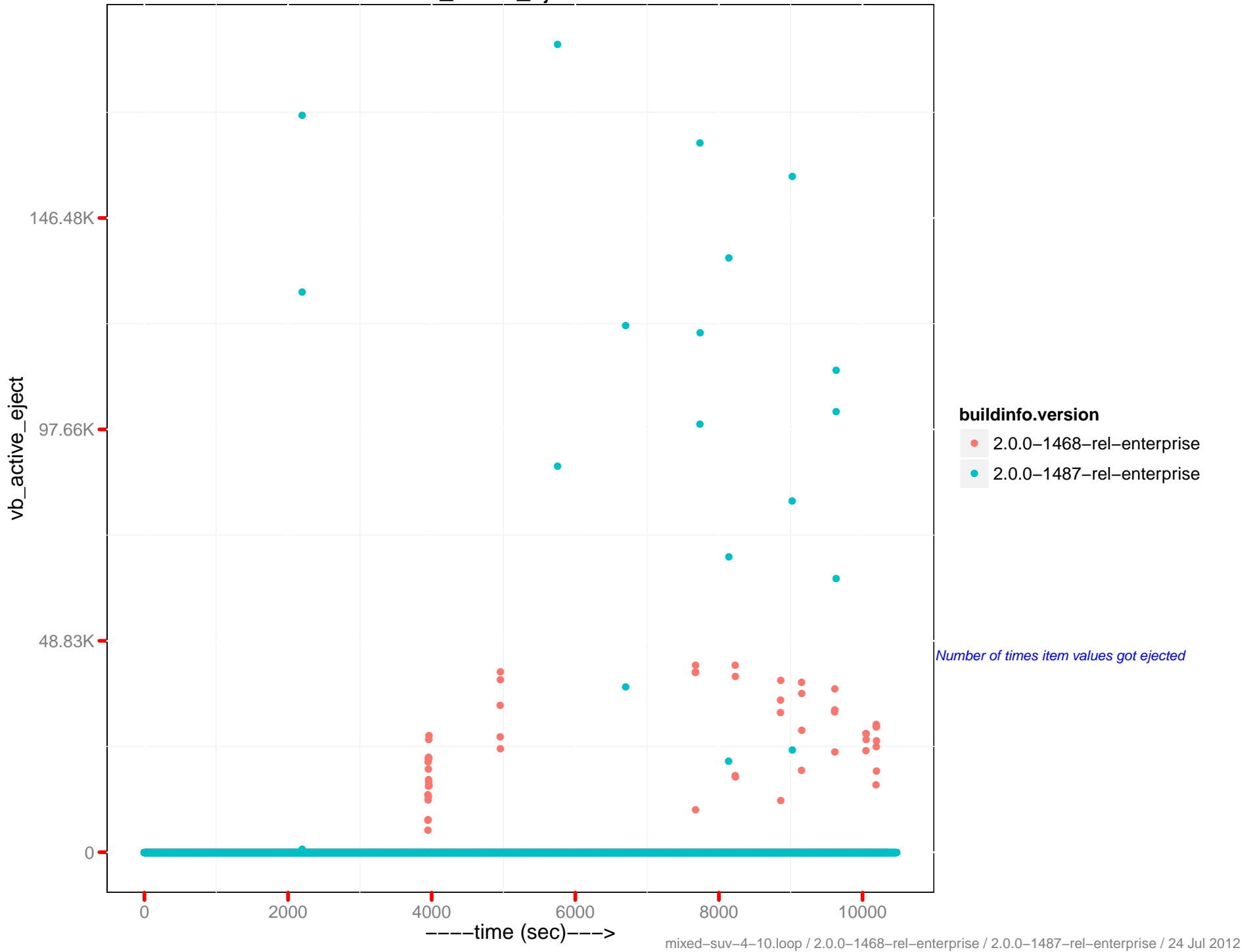


## buildinfo.version

- 2.0.0-1468-rel-enterprise
- 2.0.0-1487-rel-enterprise

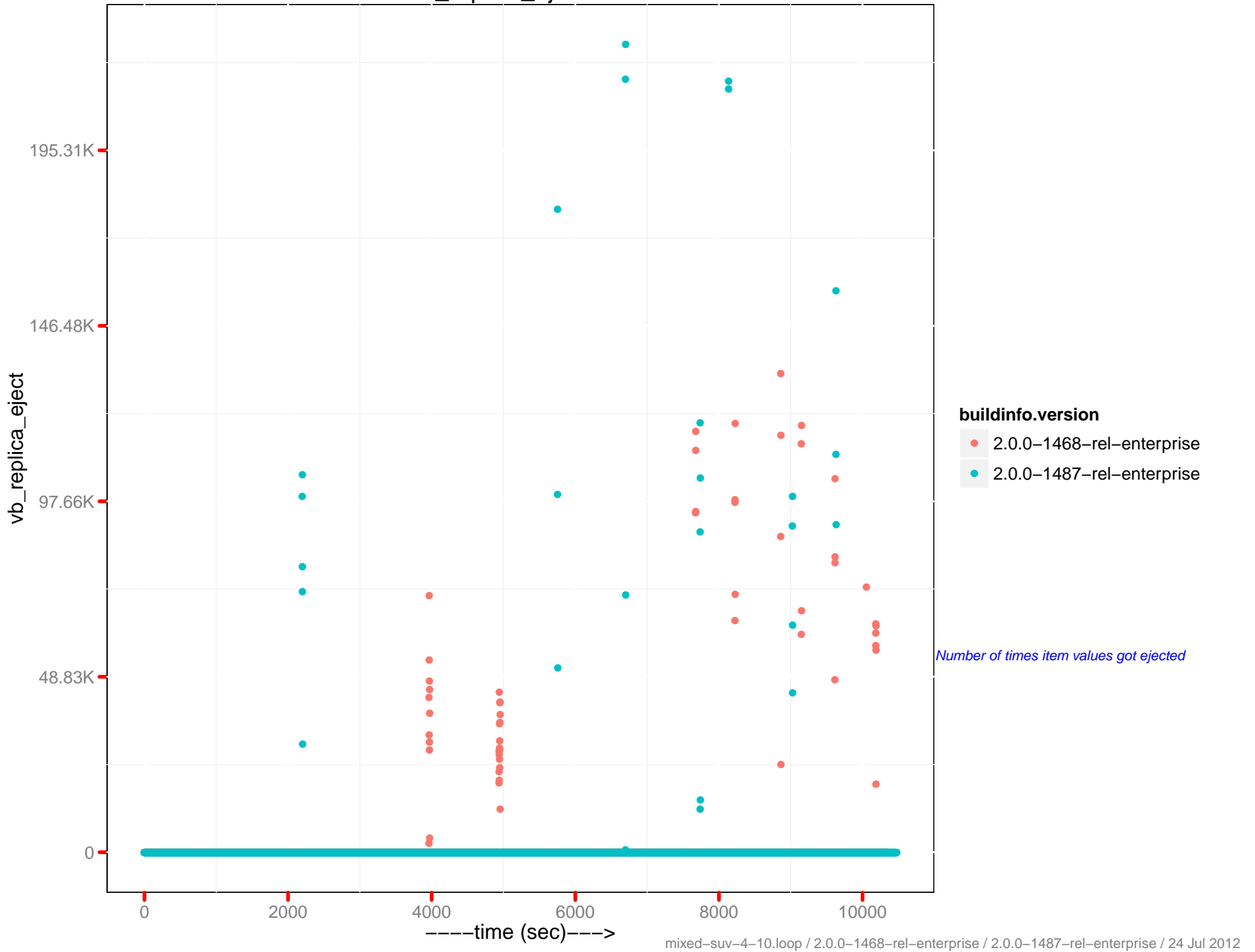
*Number of times temporary OOMs*

# vb\_active\_eject/sec





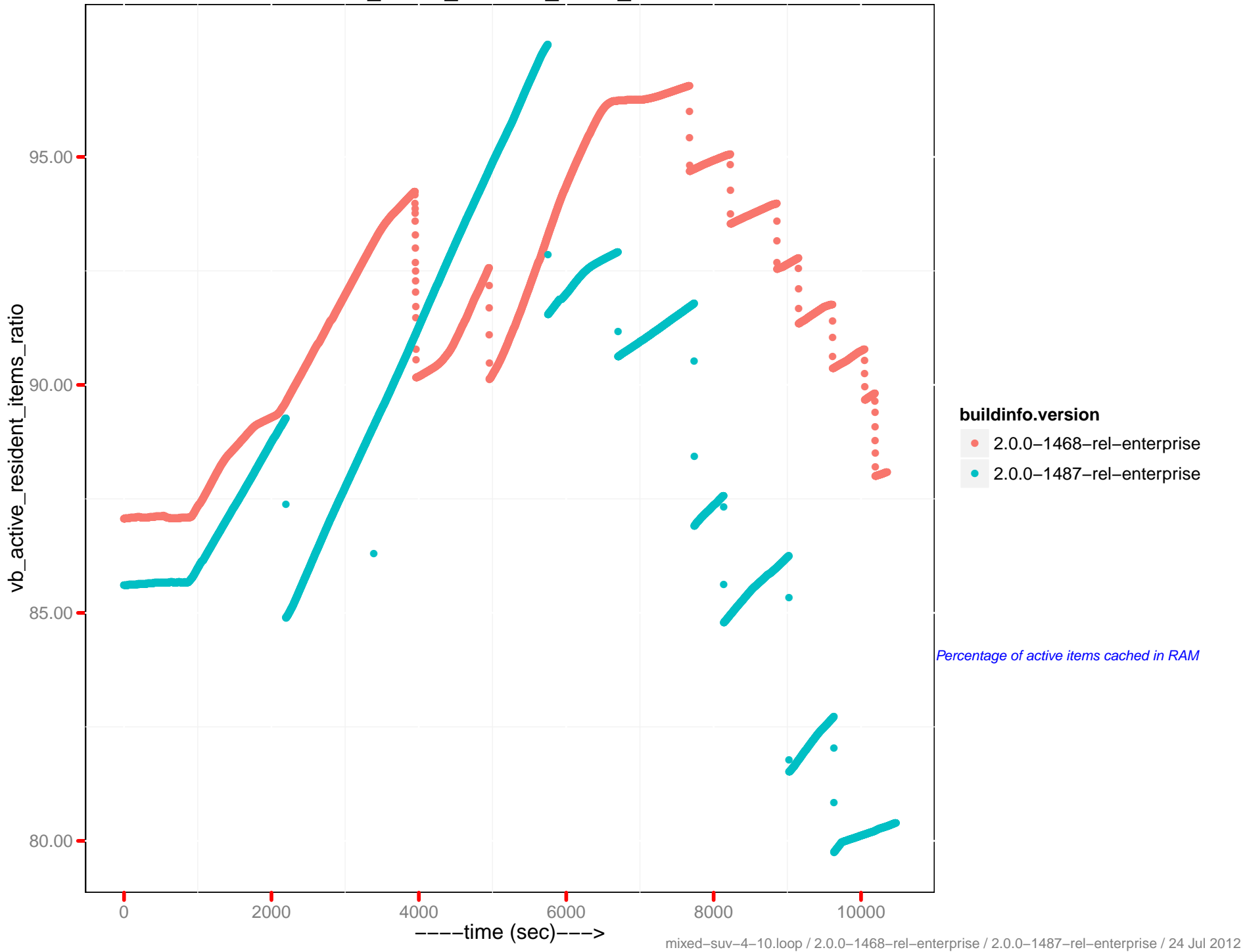
# vb\_replica\_eject/sec



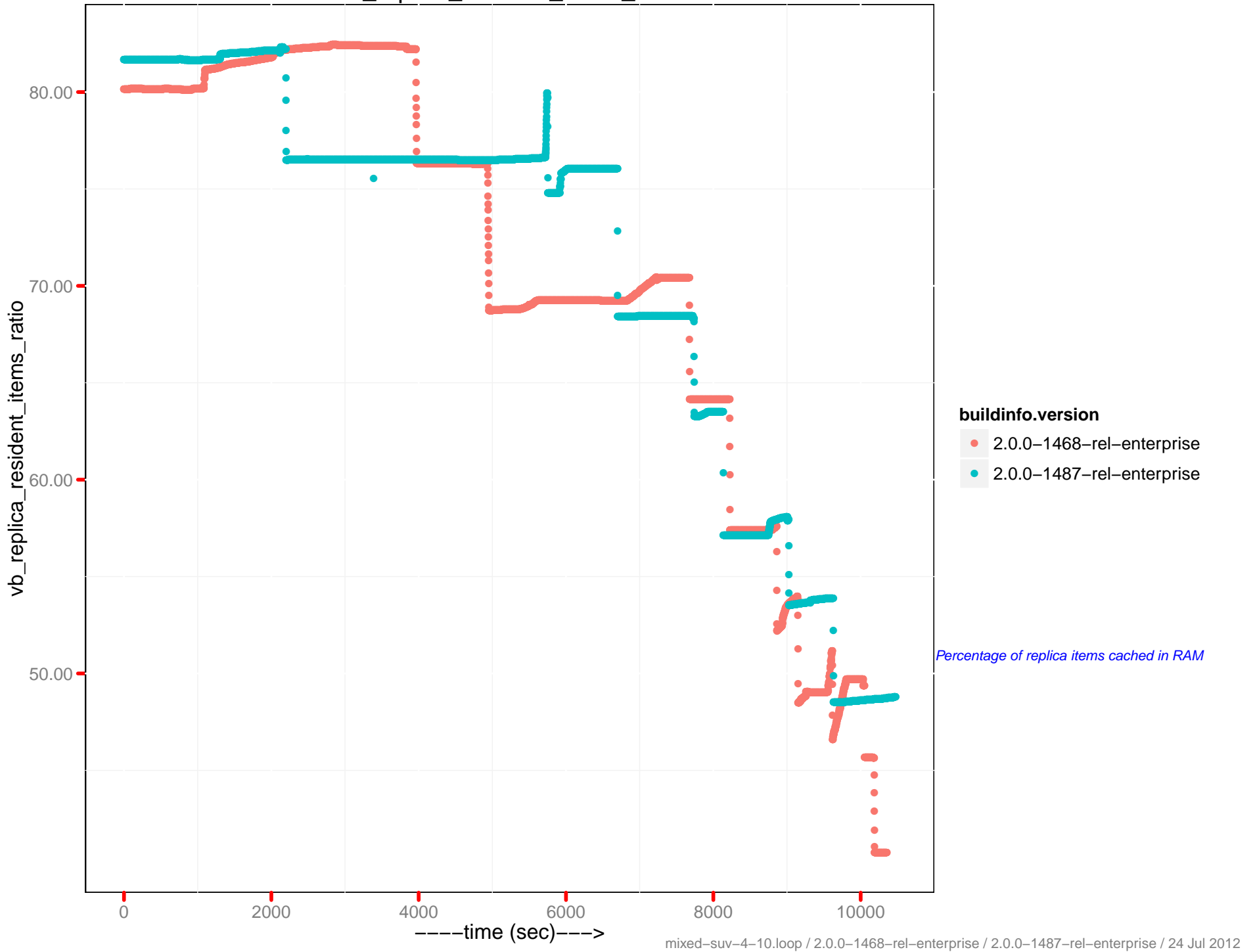
# ep\_tap\_replica\_queue\_backoff/sec



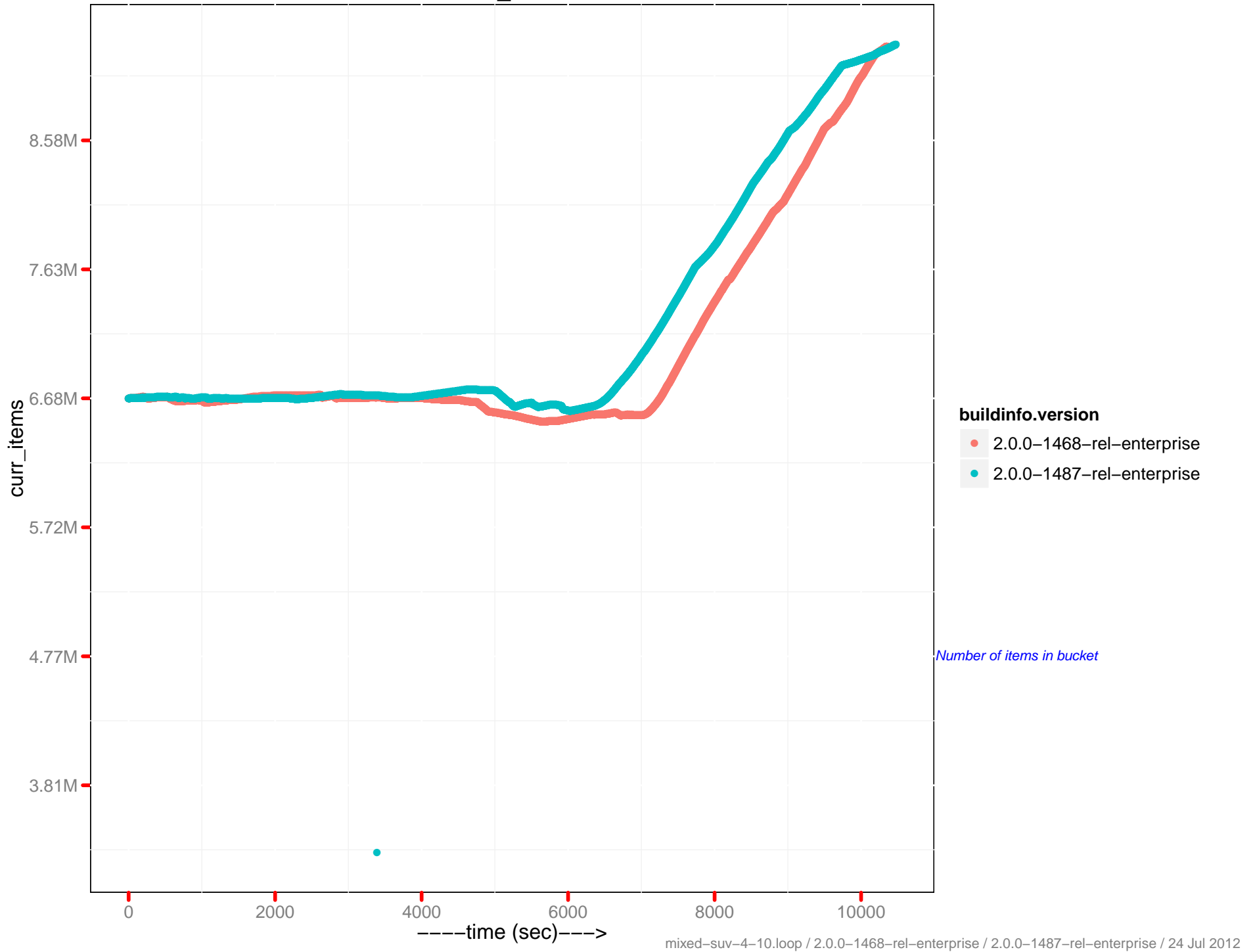
vb\_active\_resident\_items\_ratio



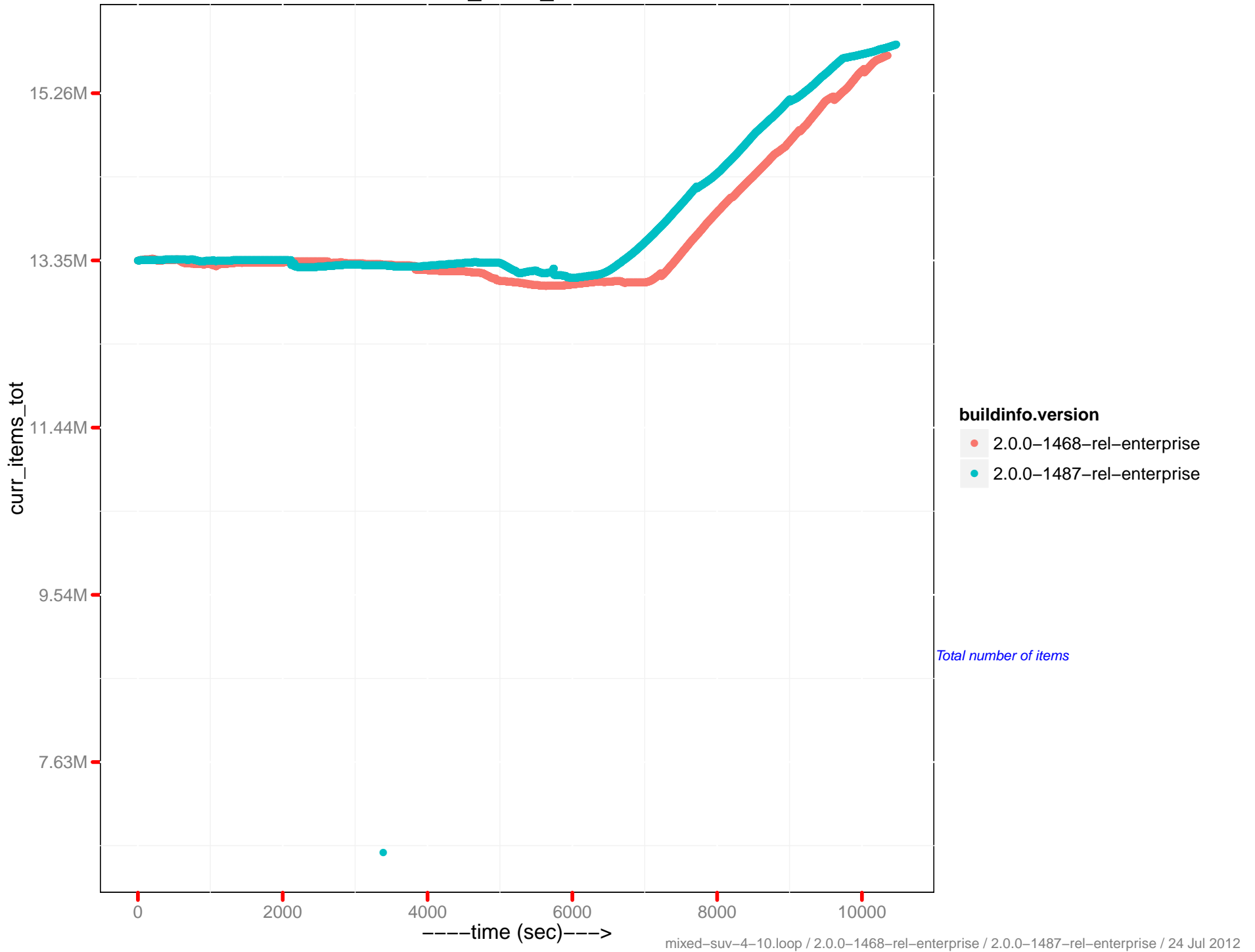
# vb\_replica\_resident\_items\_ratio



# curr\_items



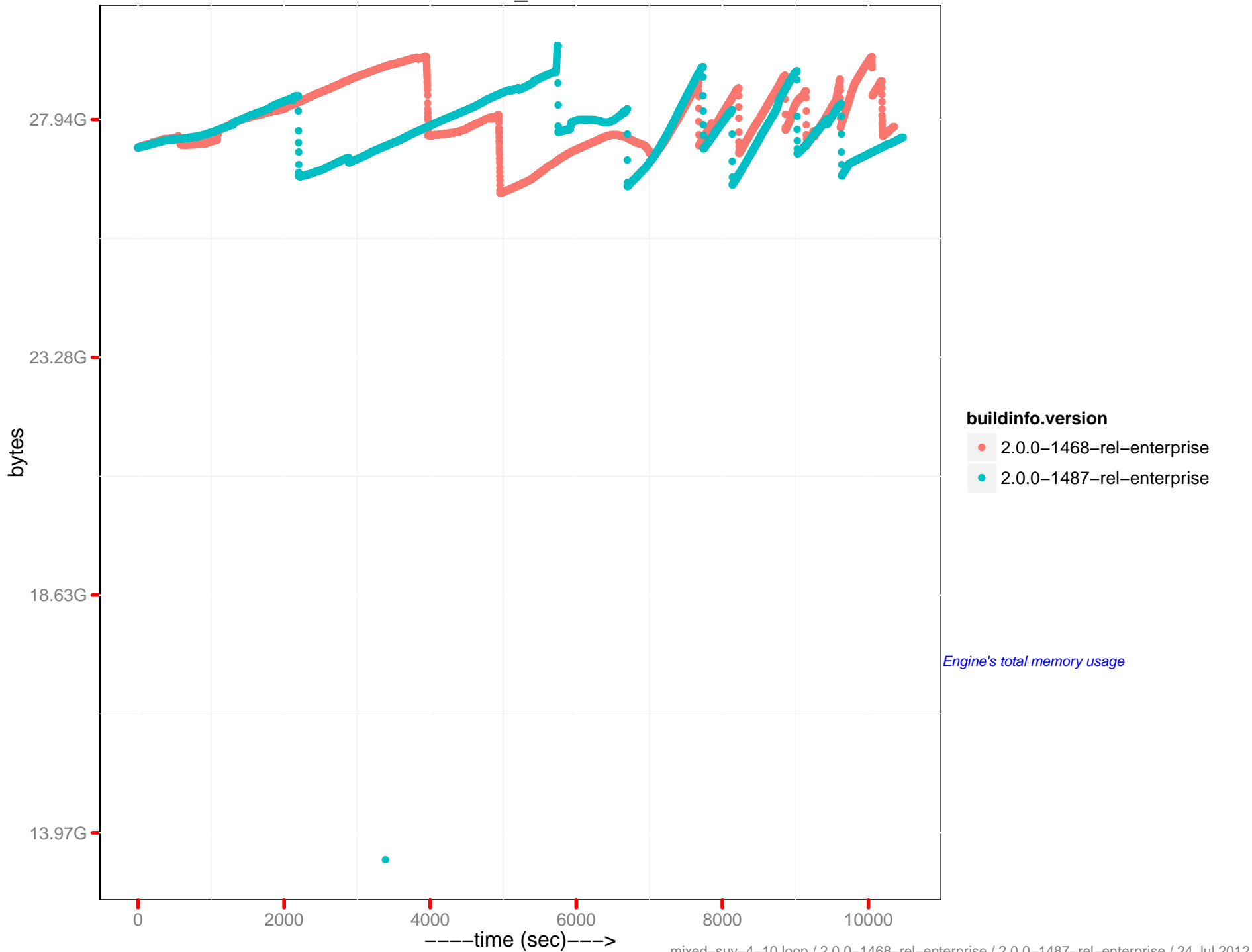
cur\_items\_total



- buildinfo.version**
- 2.0.0-1468-rel-enterprise
  - 2.0.0-1487-rel-enterprise

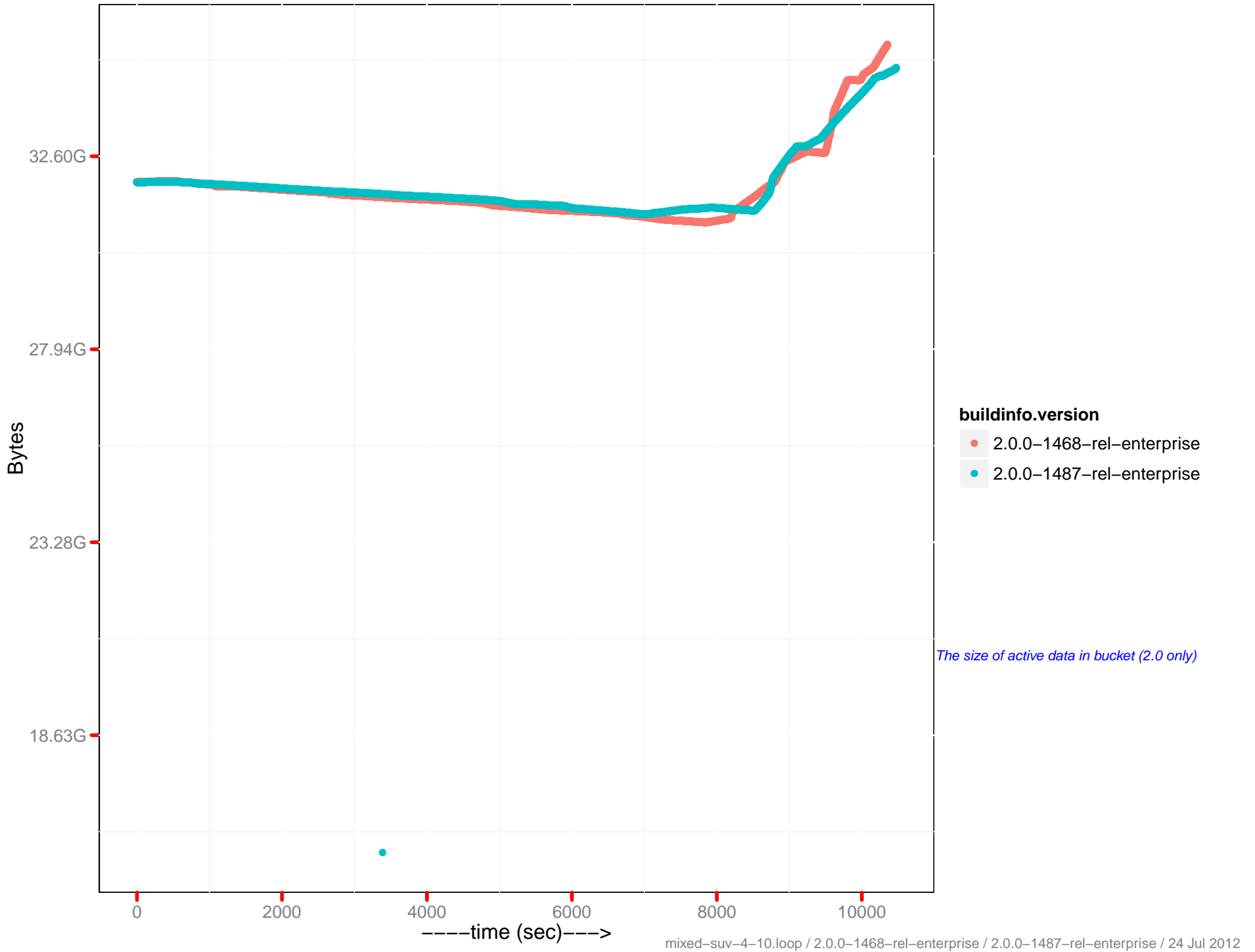
Total number of items

mem\_used



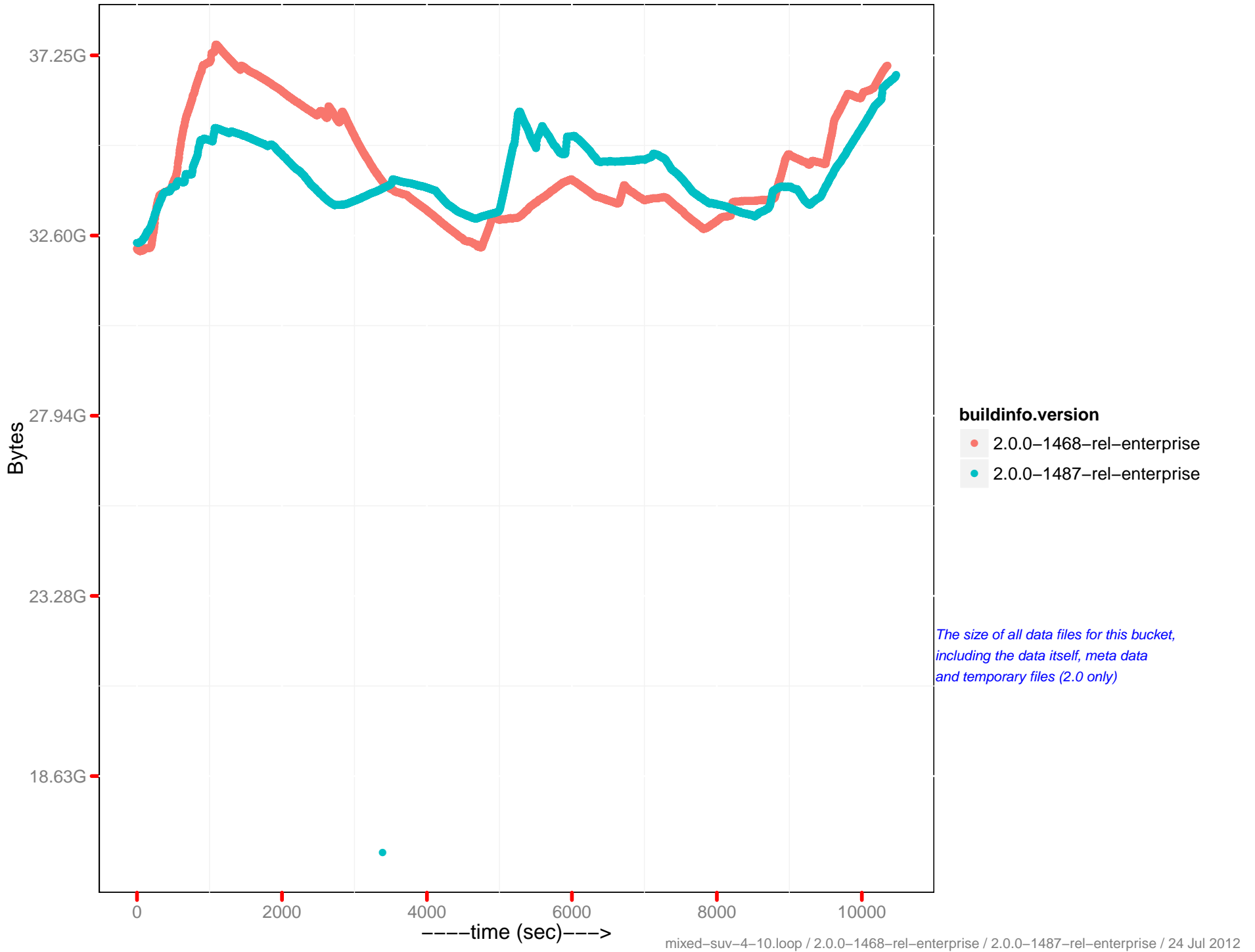
Engine's total memory usage

# Docs data size

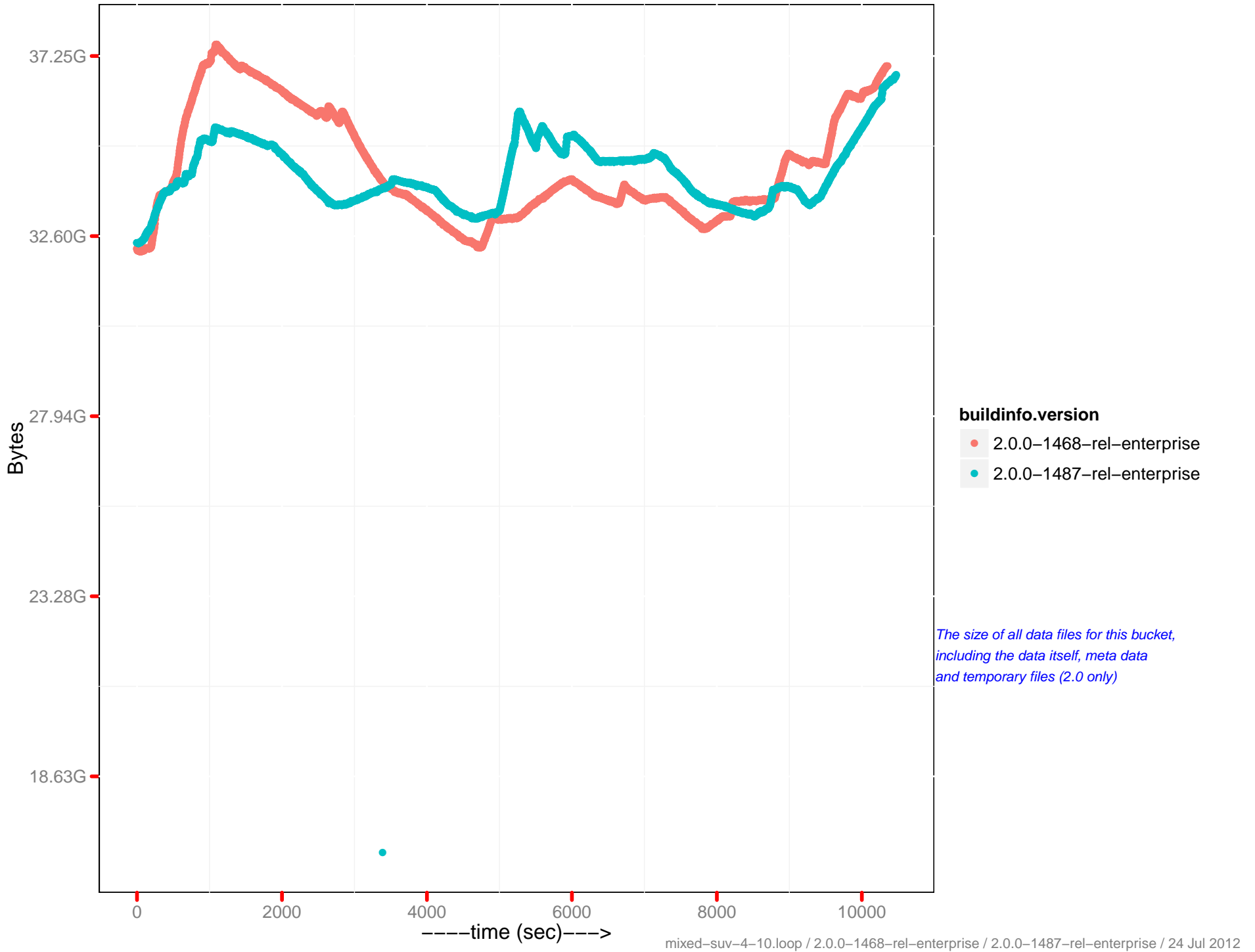




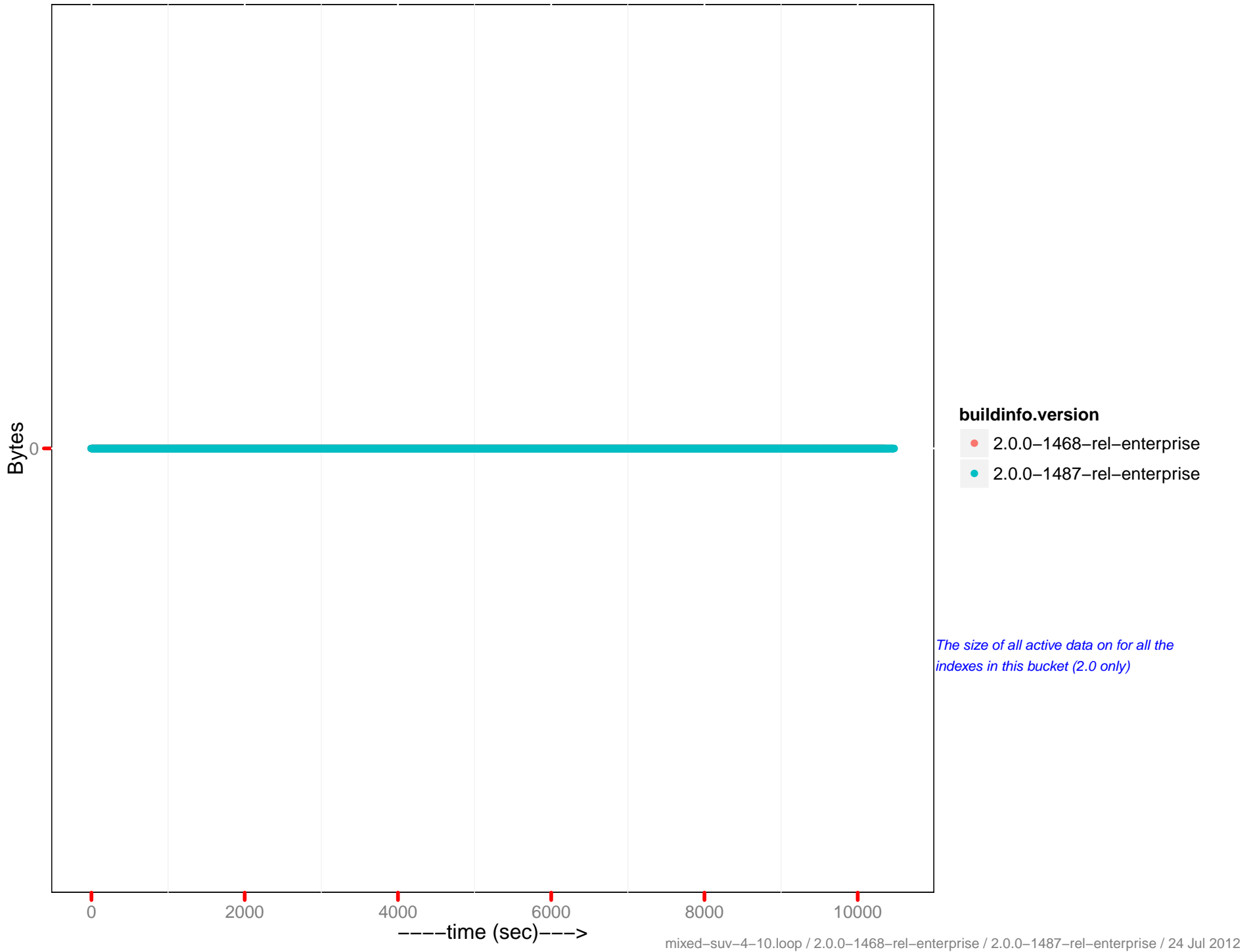
# Docs disk size



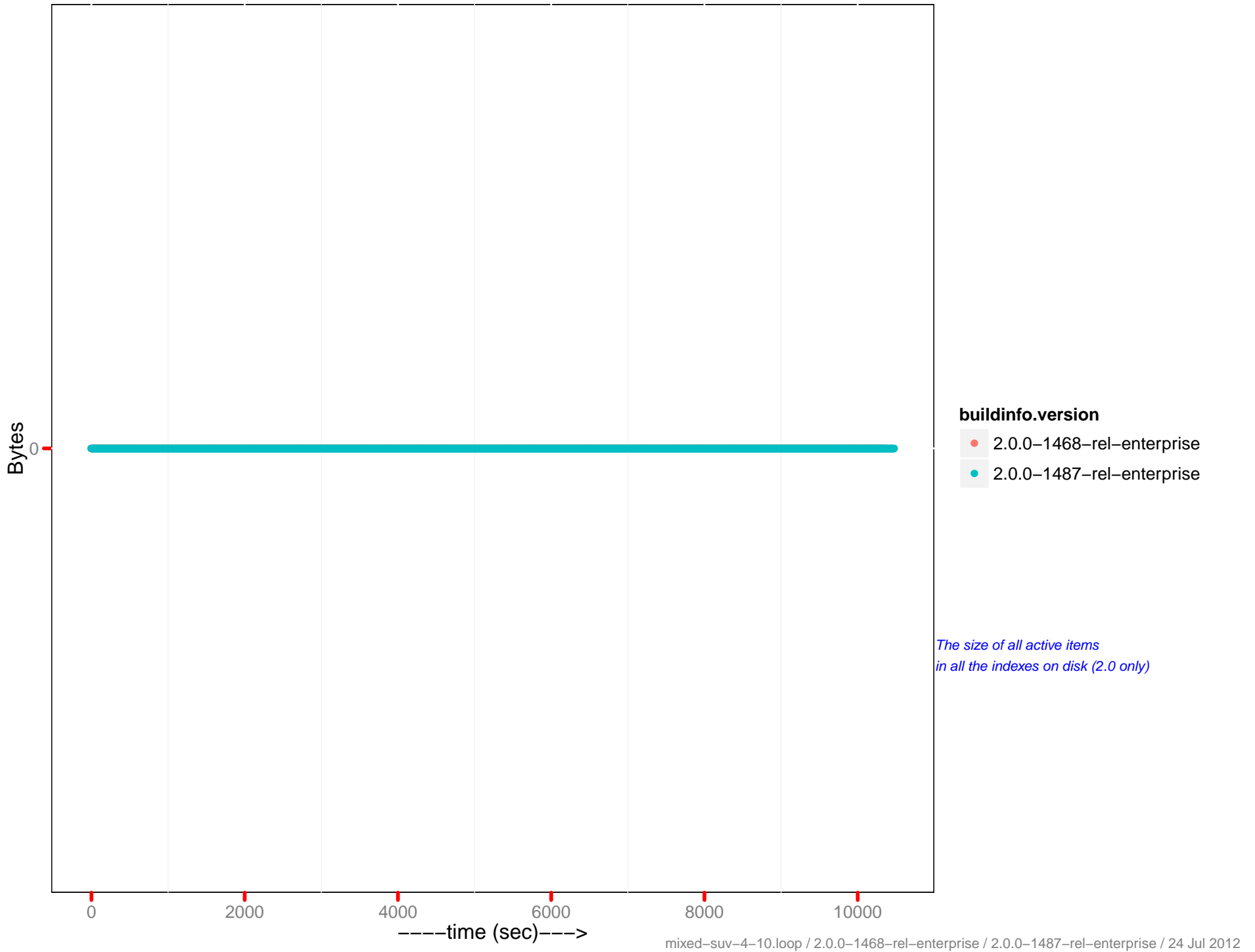
# Docs actual disk size



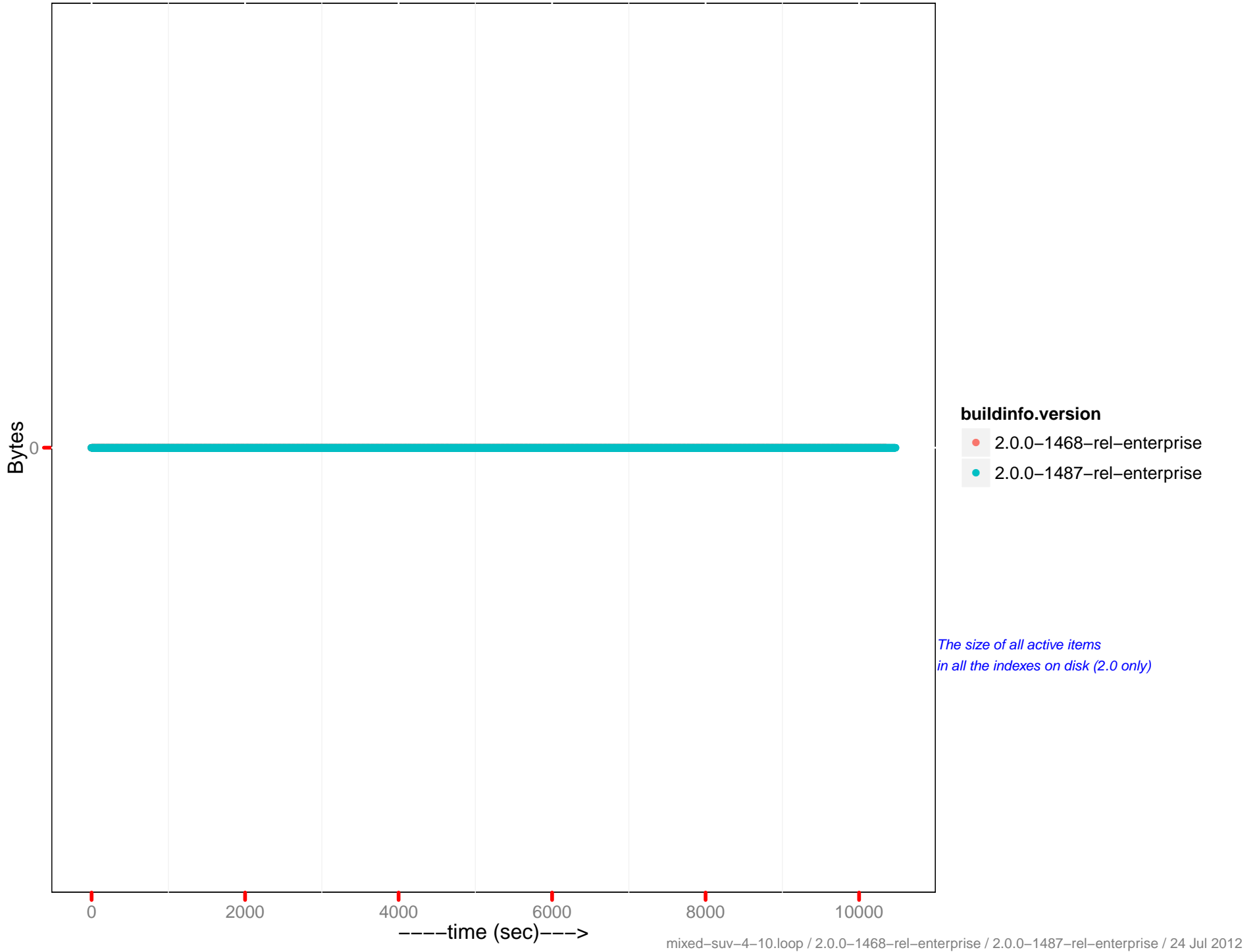
# Views data size



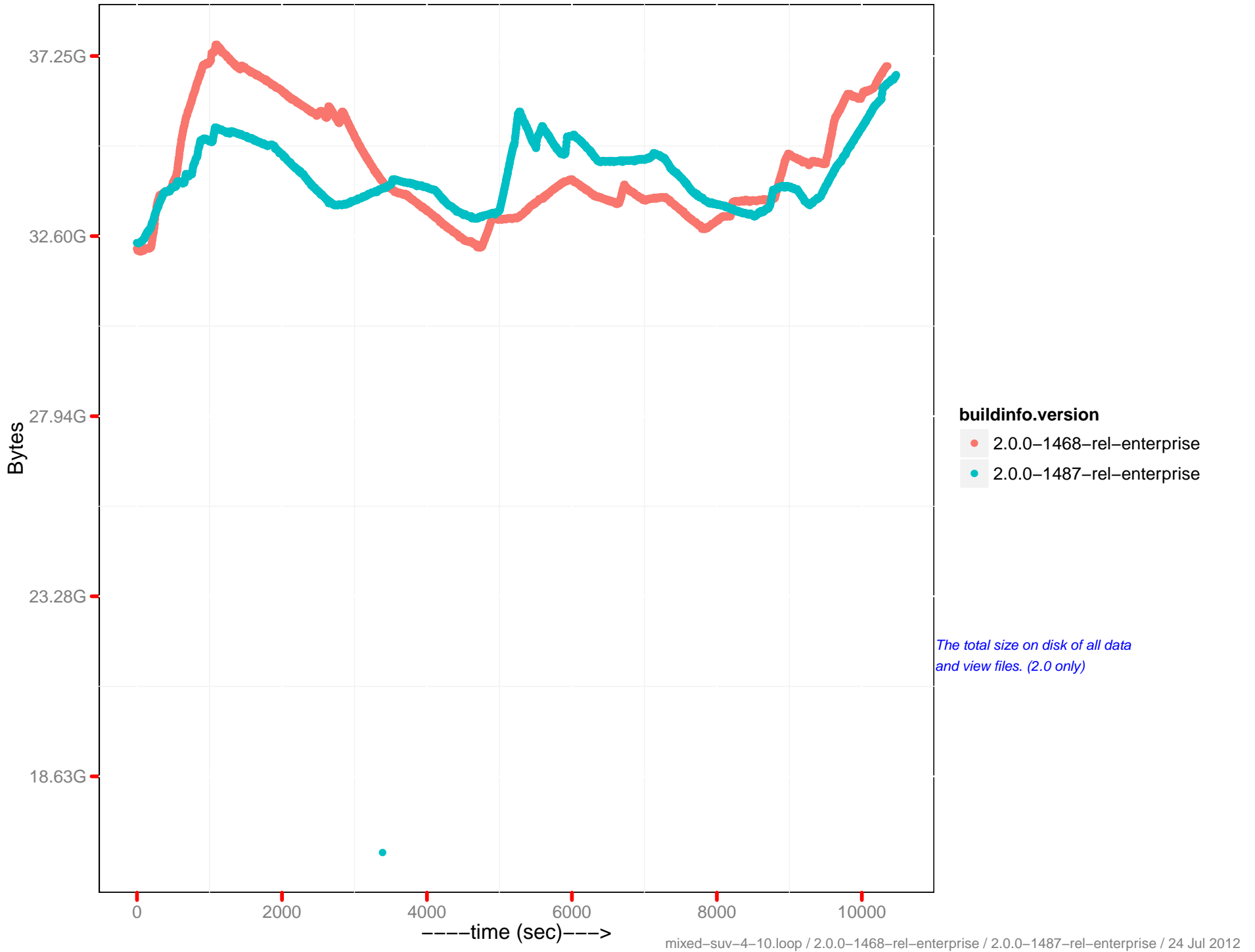
# Views disk size



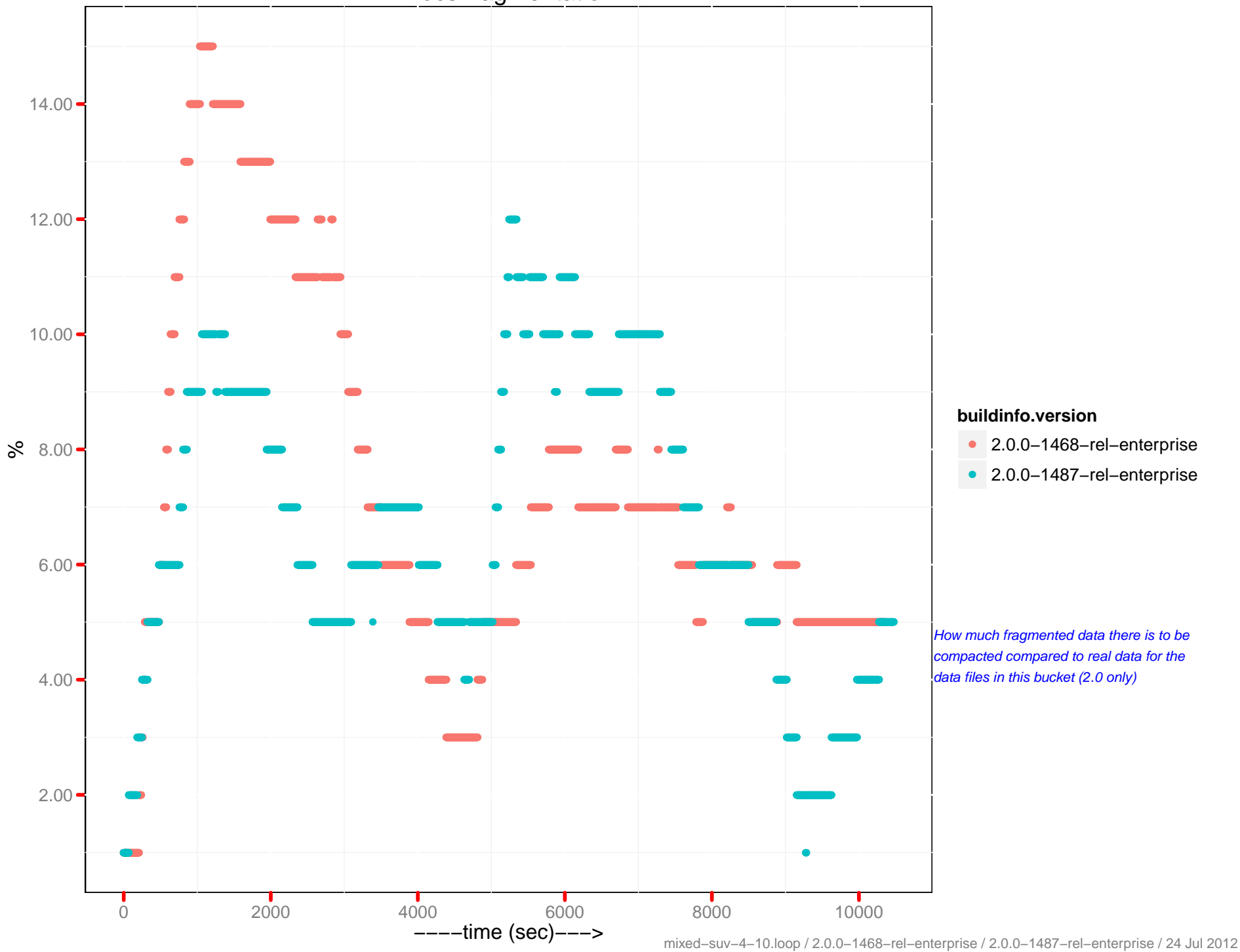
# Views actual disk size



# Total disk size

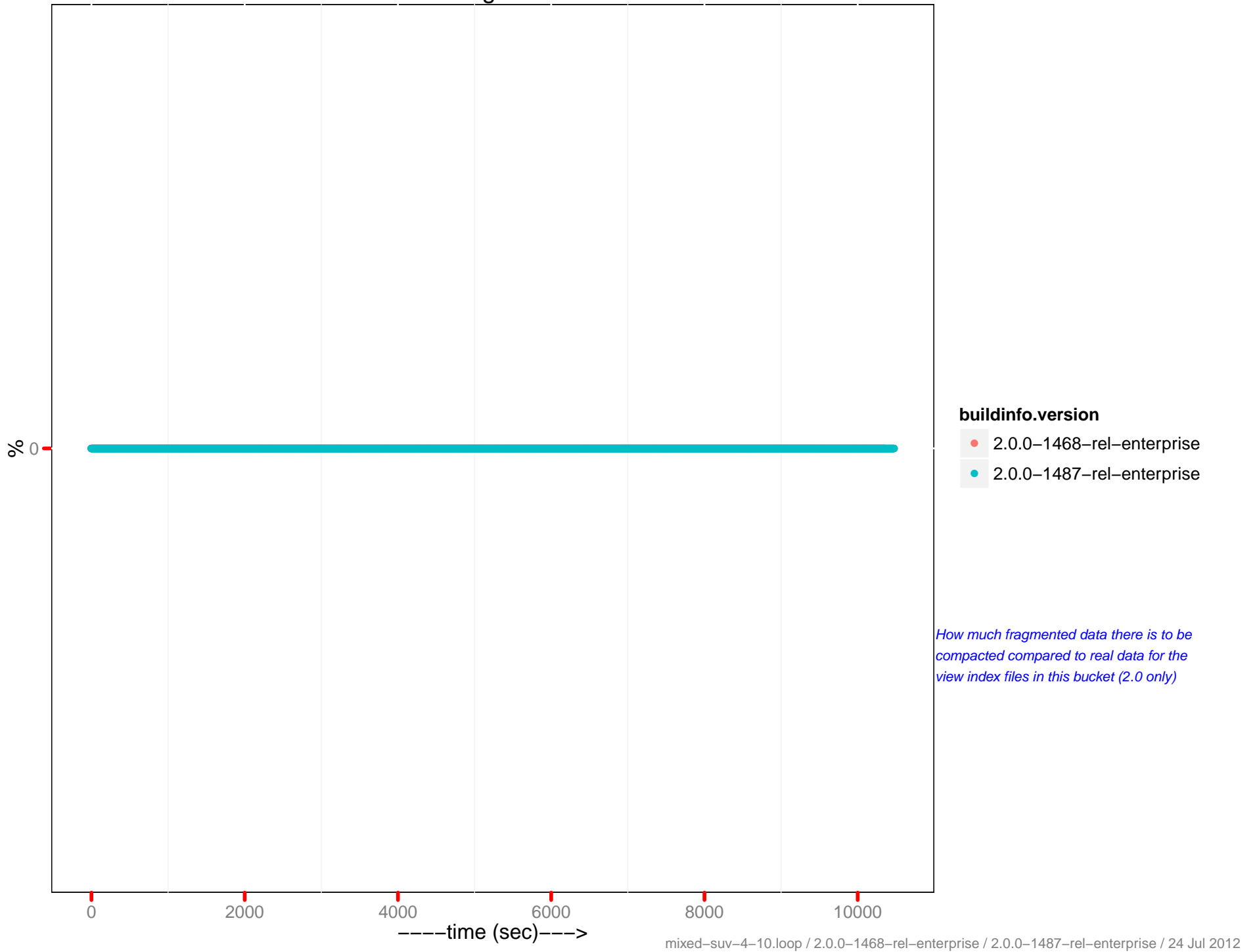


# Docs fragmentation



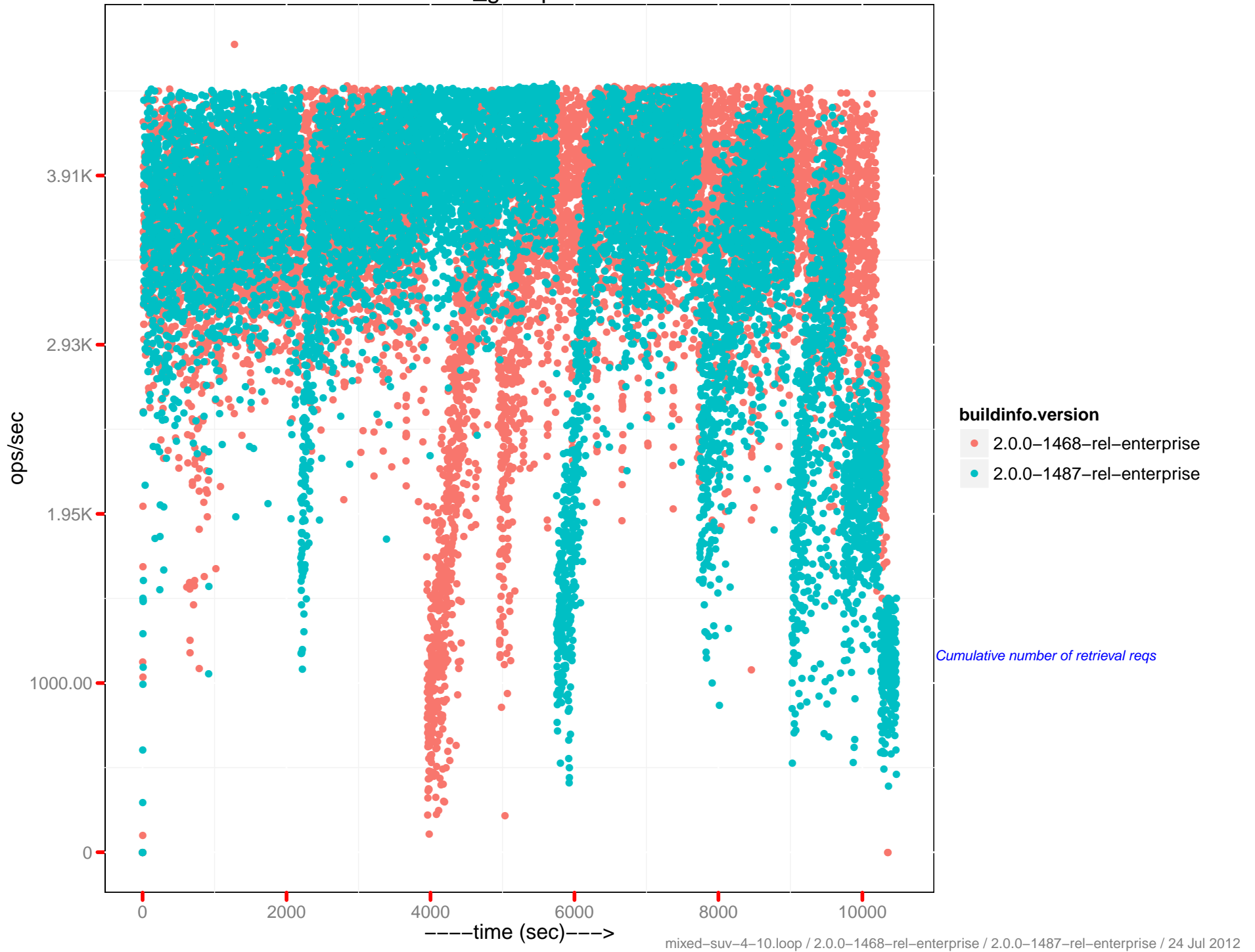
How much fragmented data there is to be compacted compared to real data for the data files in this bucket (2.0 only)

# Views fragmentation

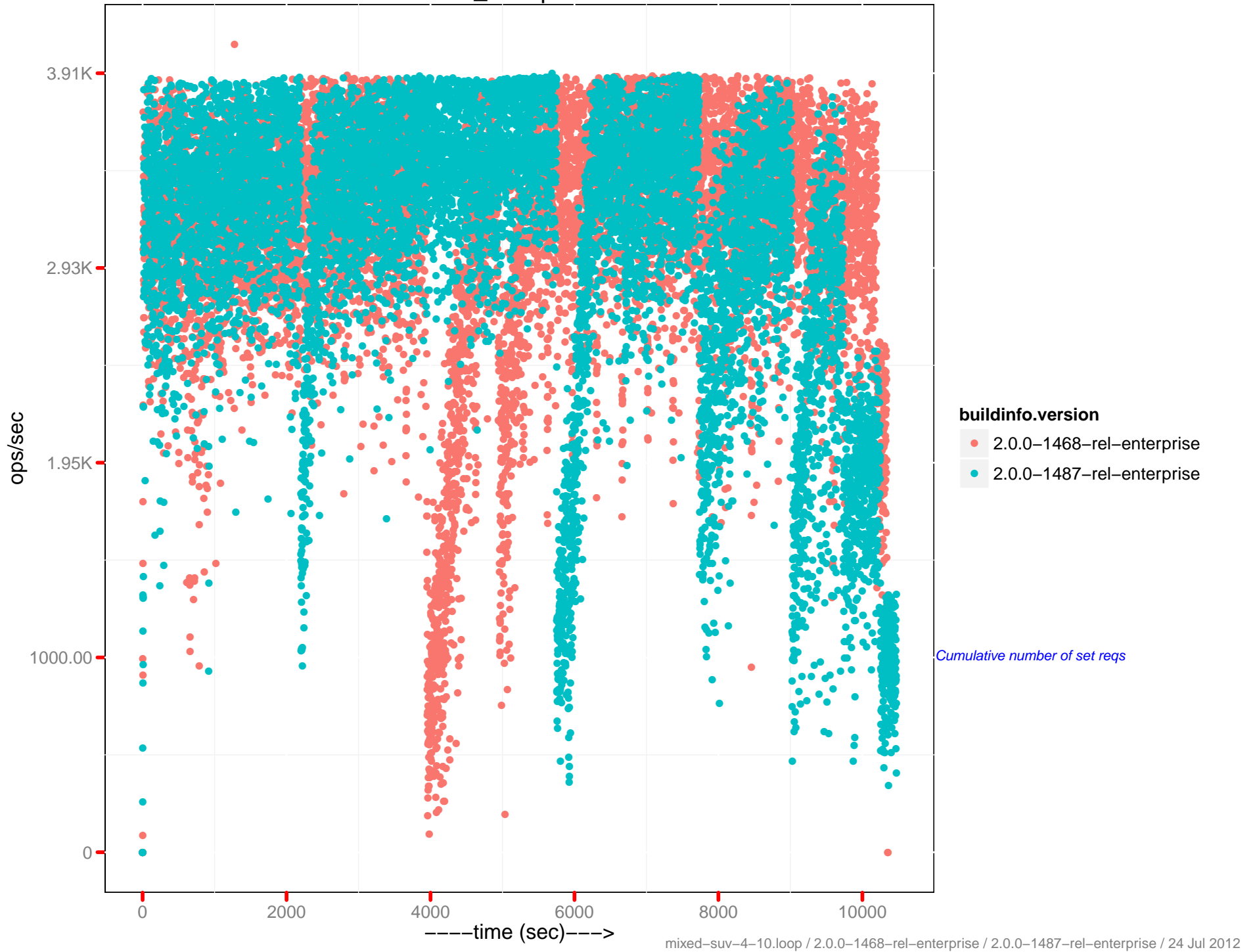




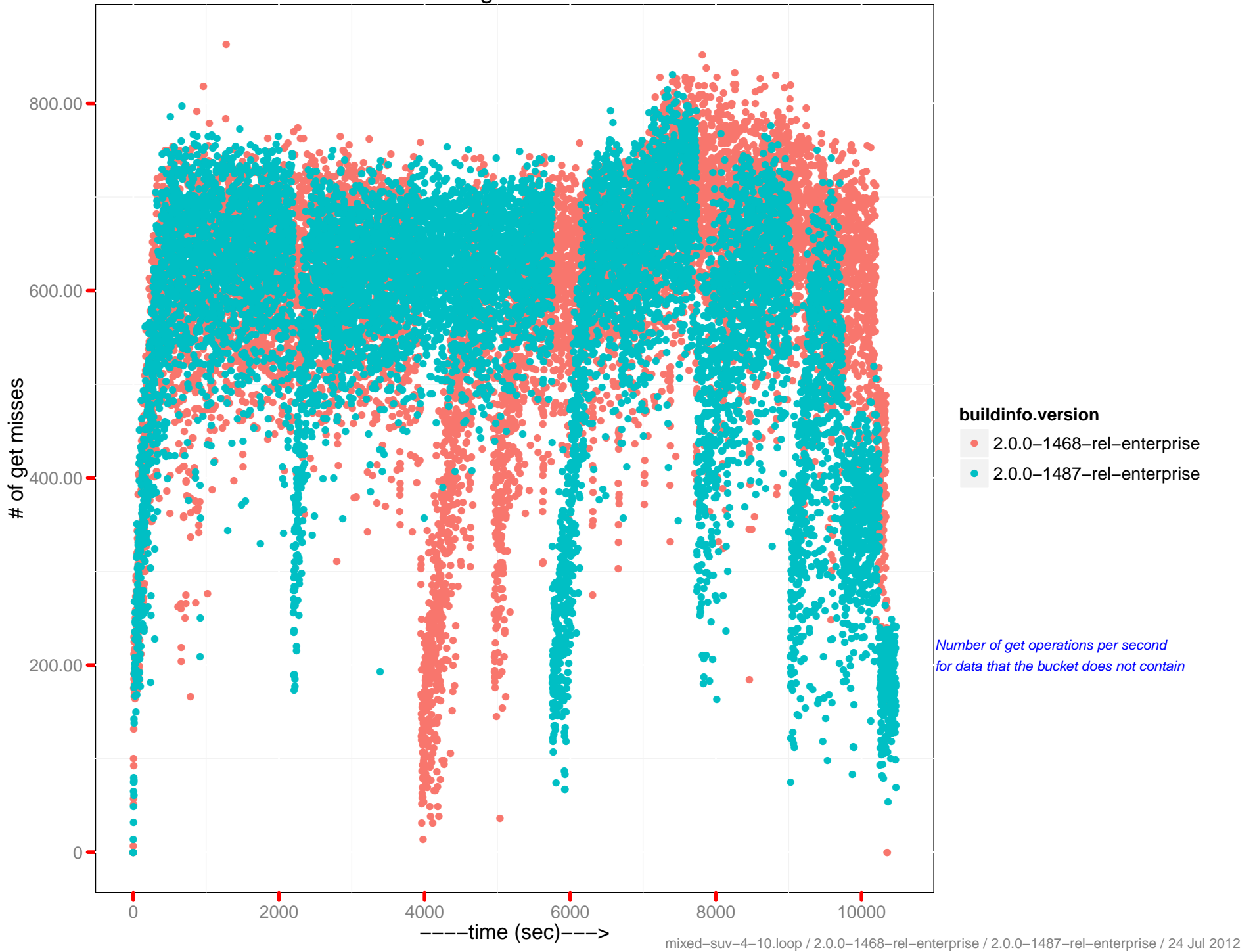
# cmd\_get ops/sec



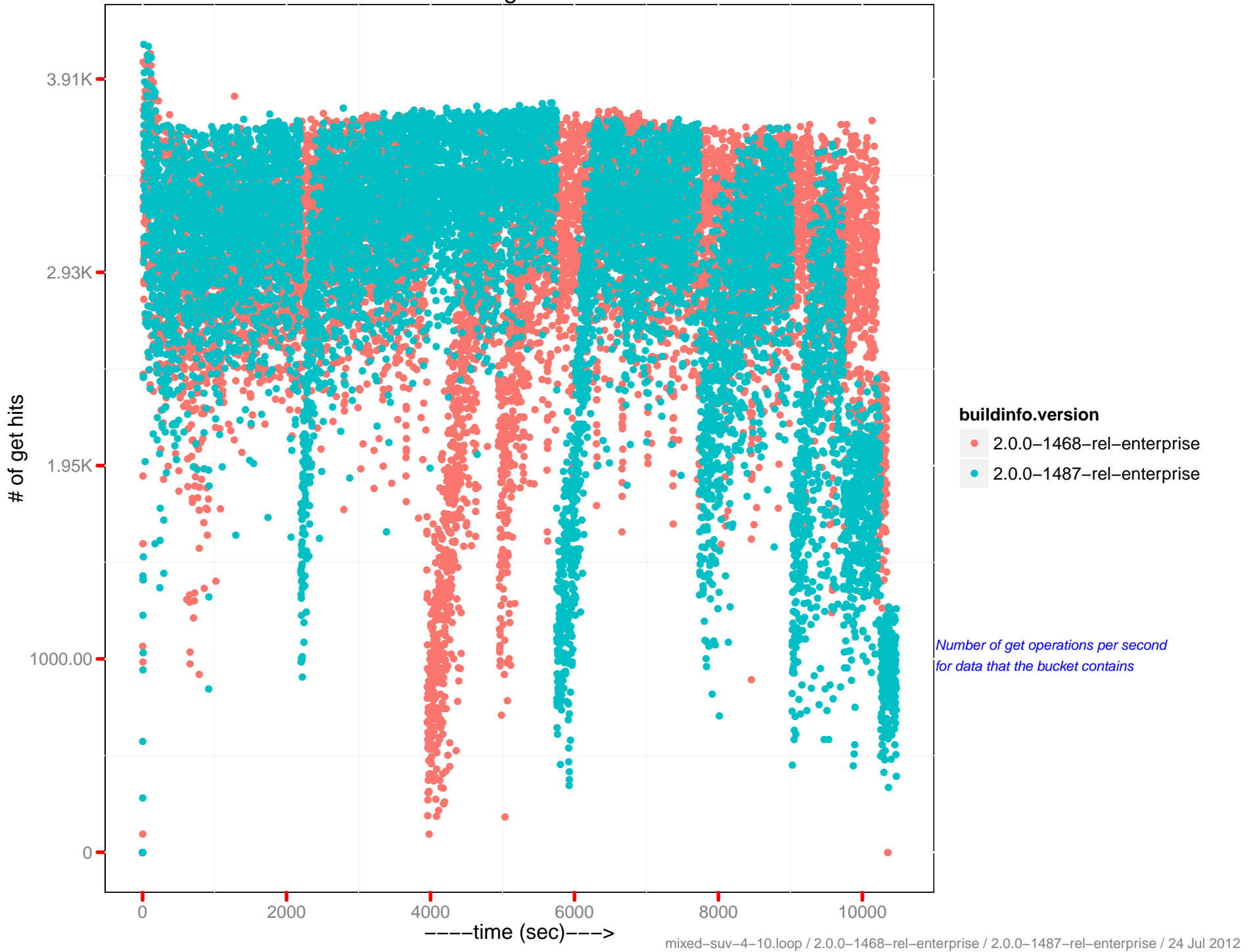
# cmd\_set ops/sec



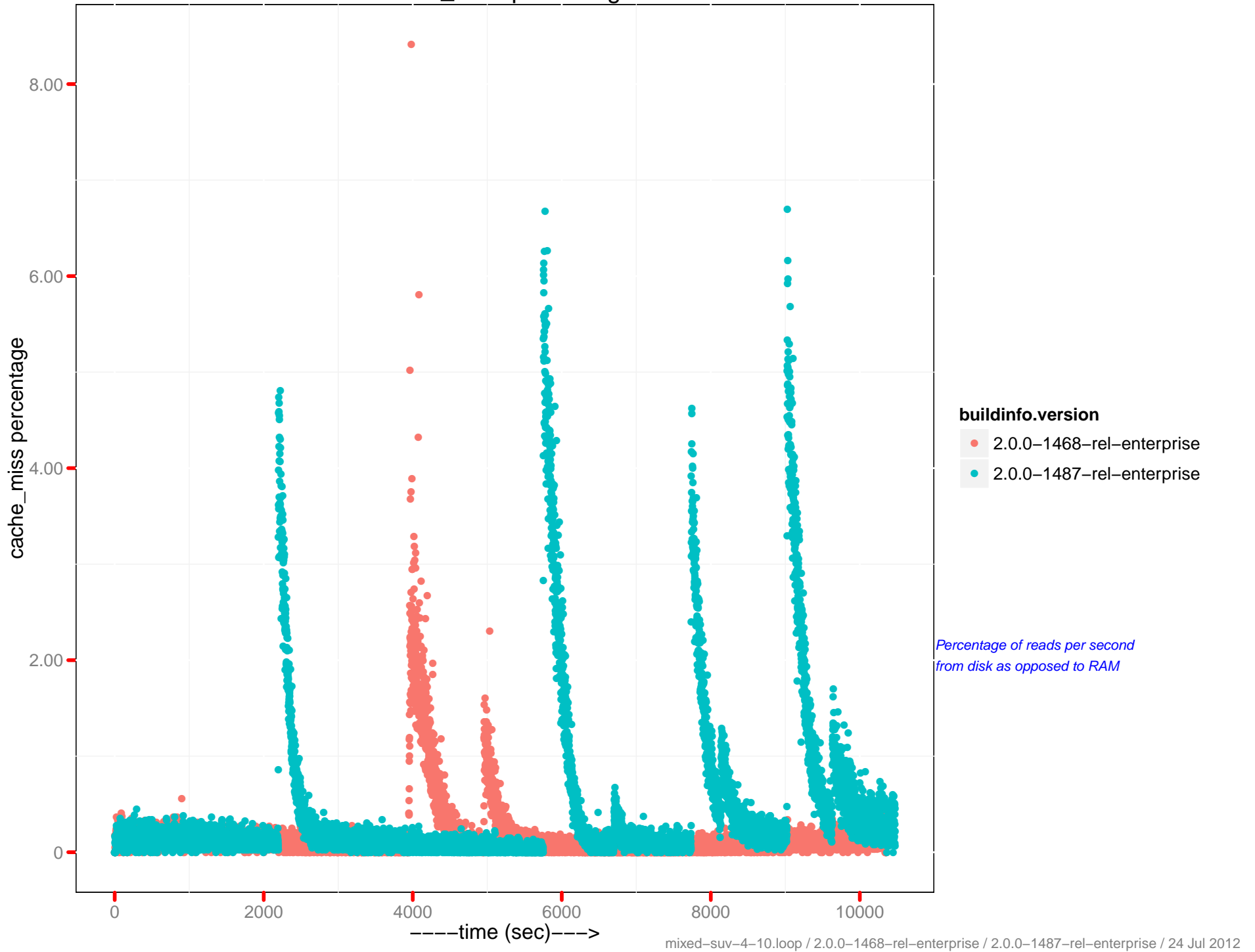
# # of get misses



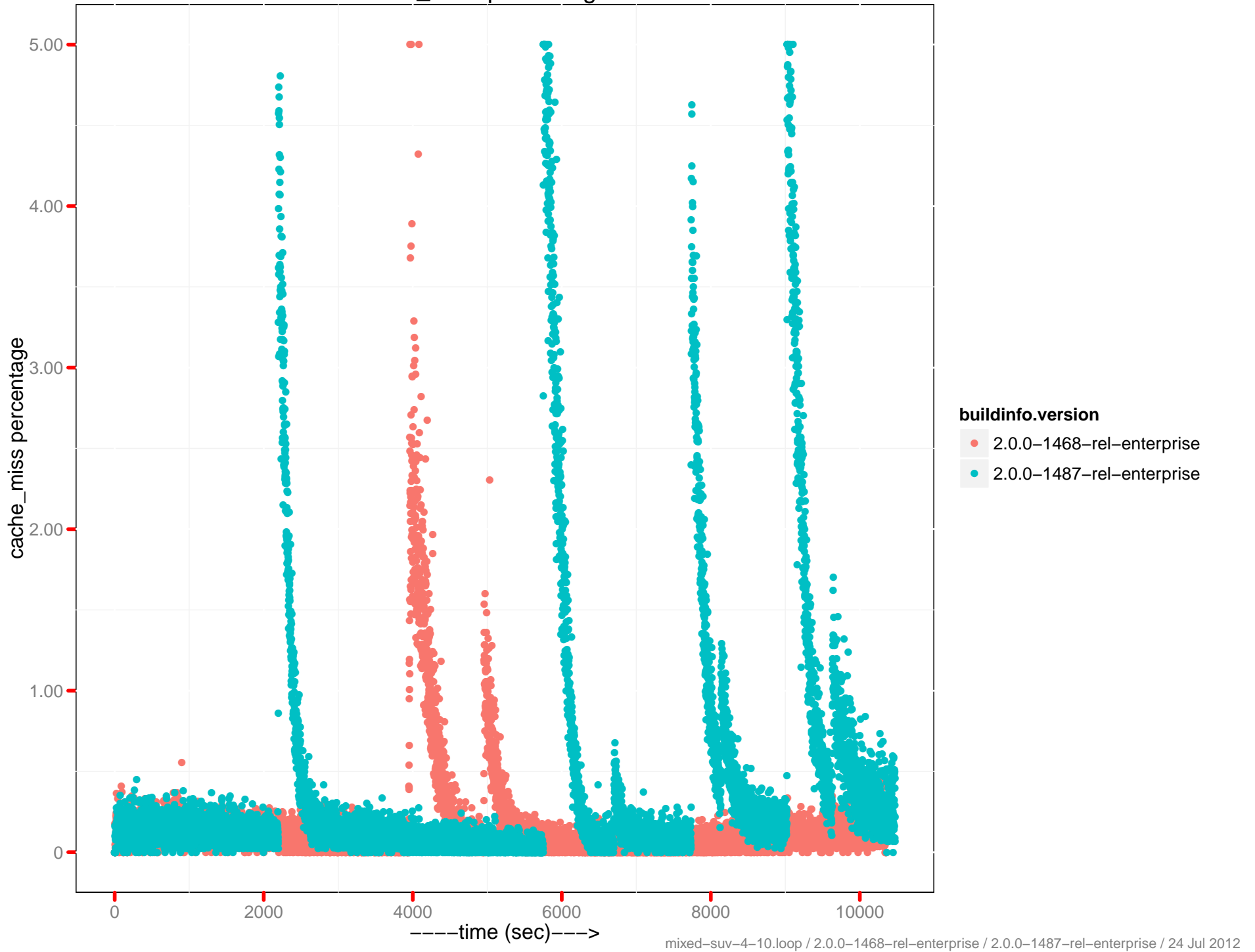
# # of get hits



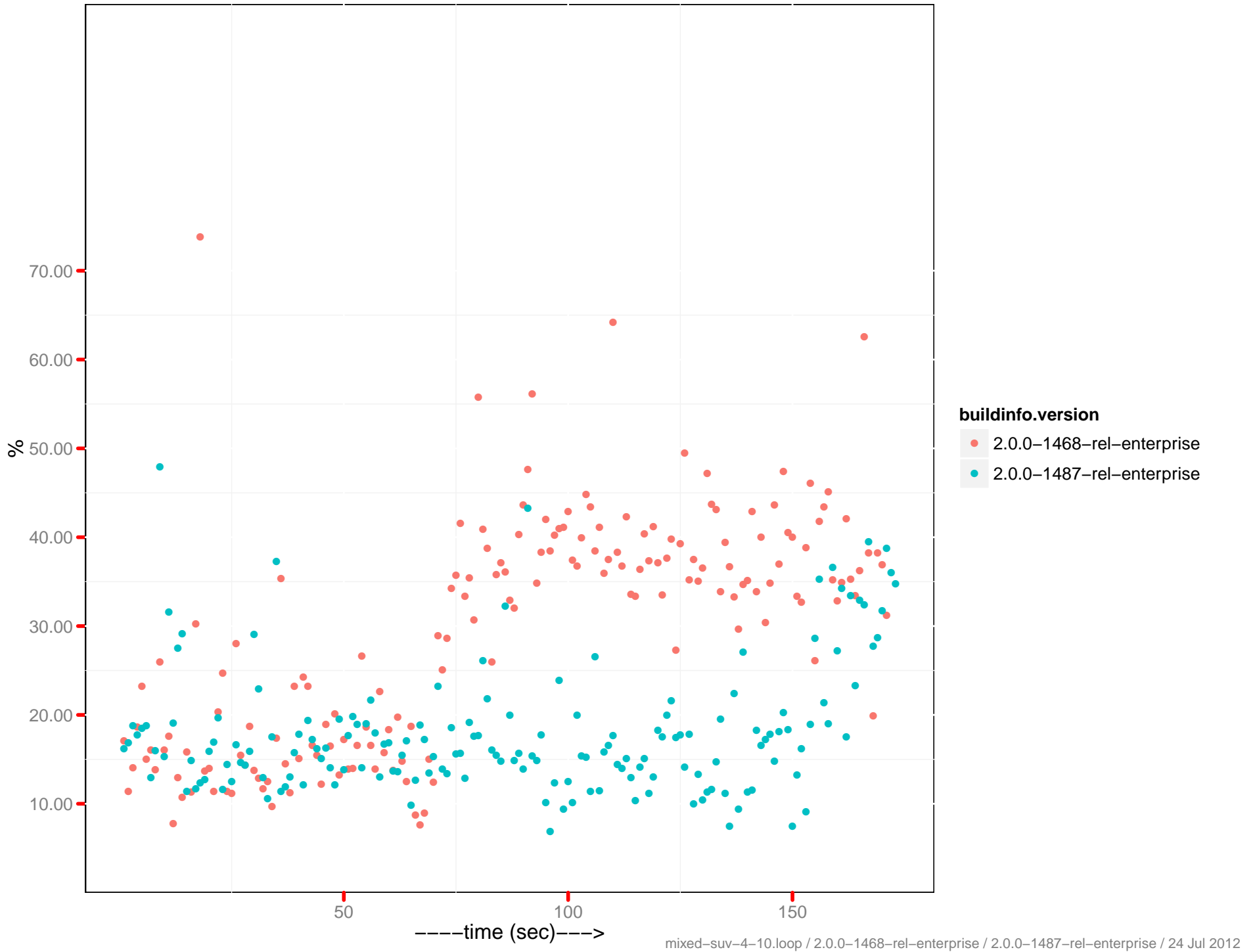
# cache\_miss percentage



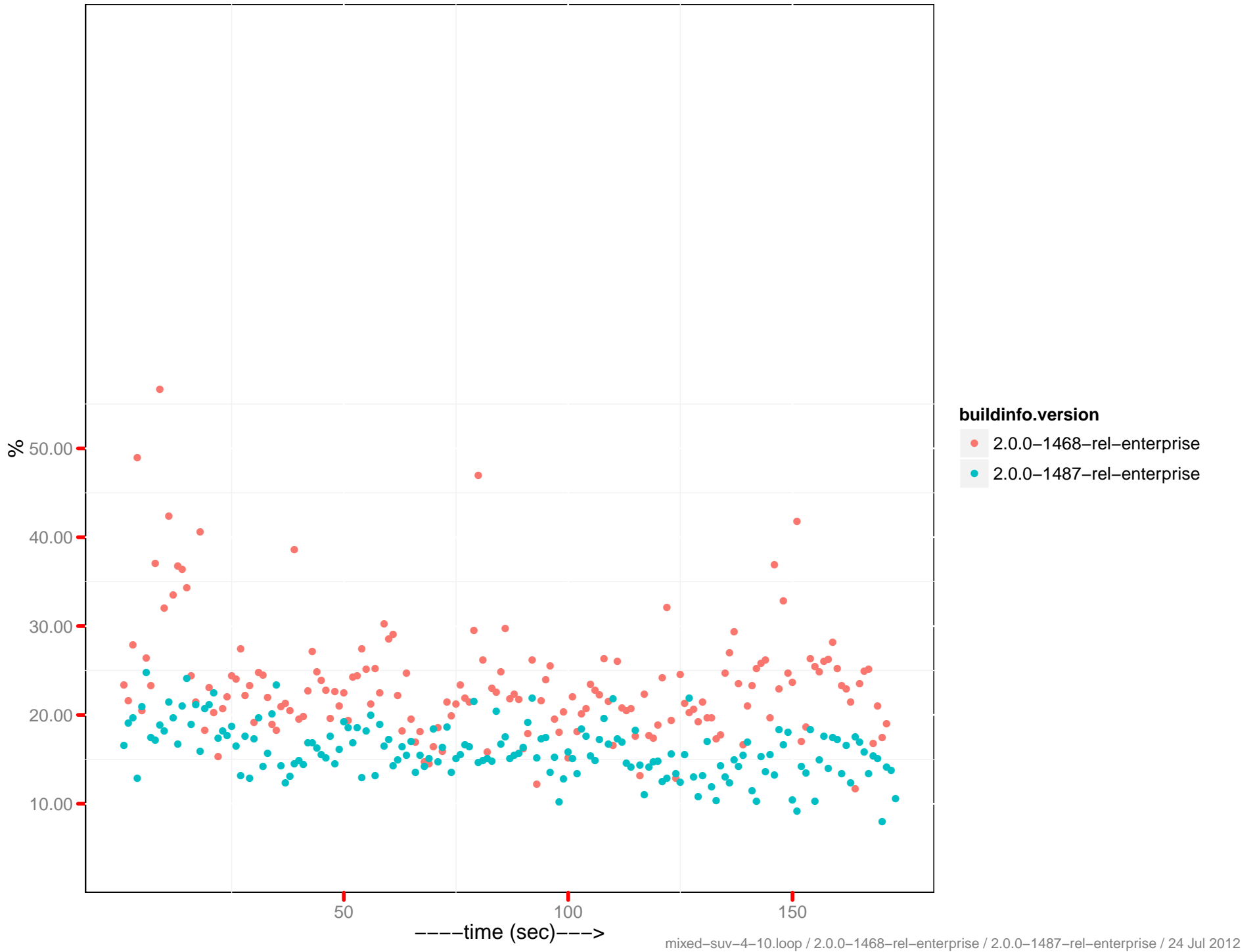
cache\_miss percentage 0-5



# CPU utilization – 192.168.162.20:8091

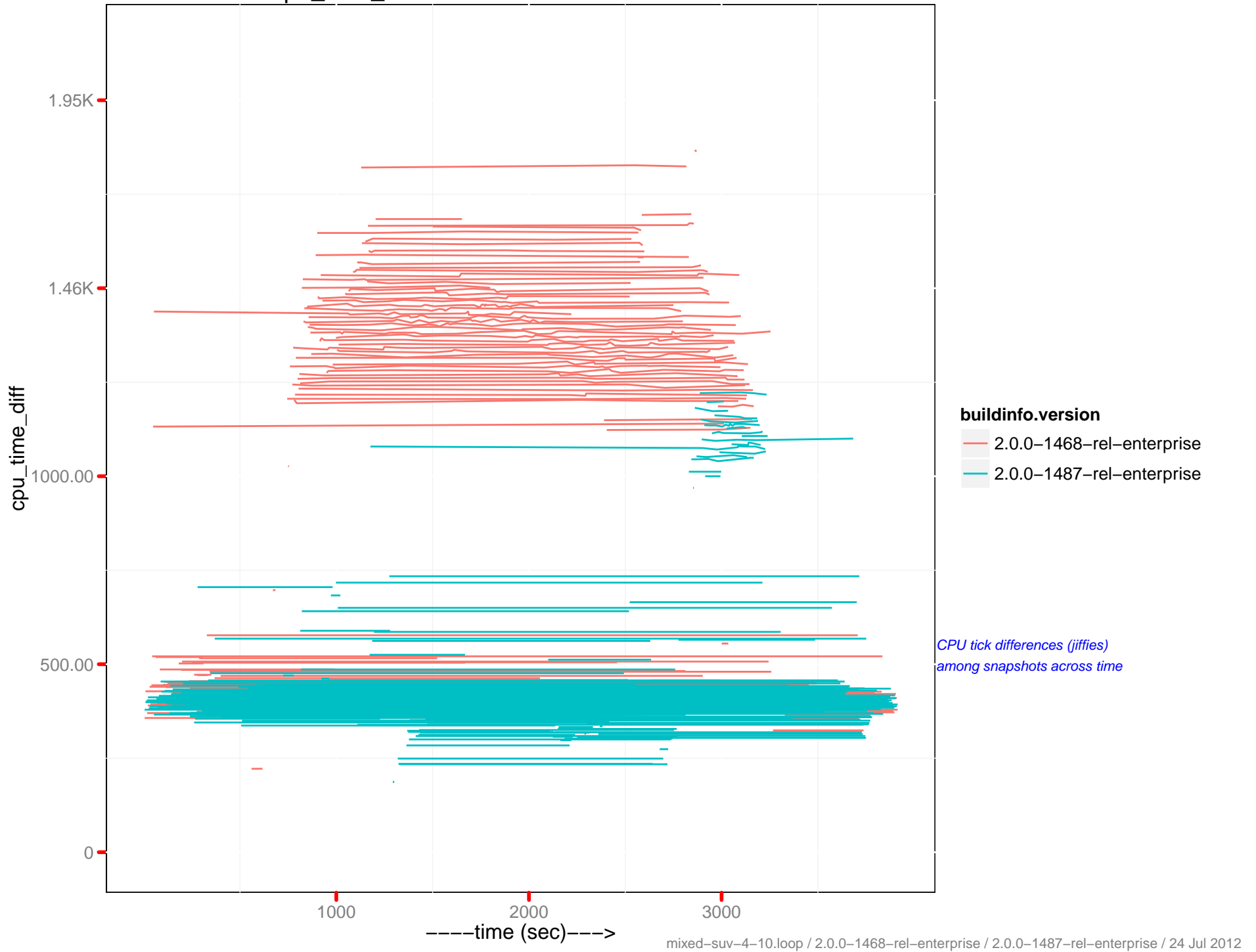


# CPU utilization – 192.168.162.21:8091

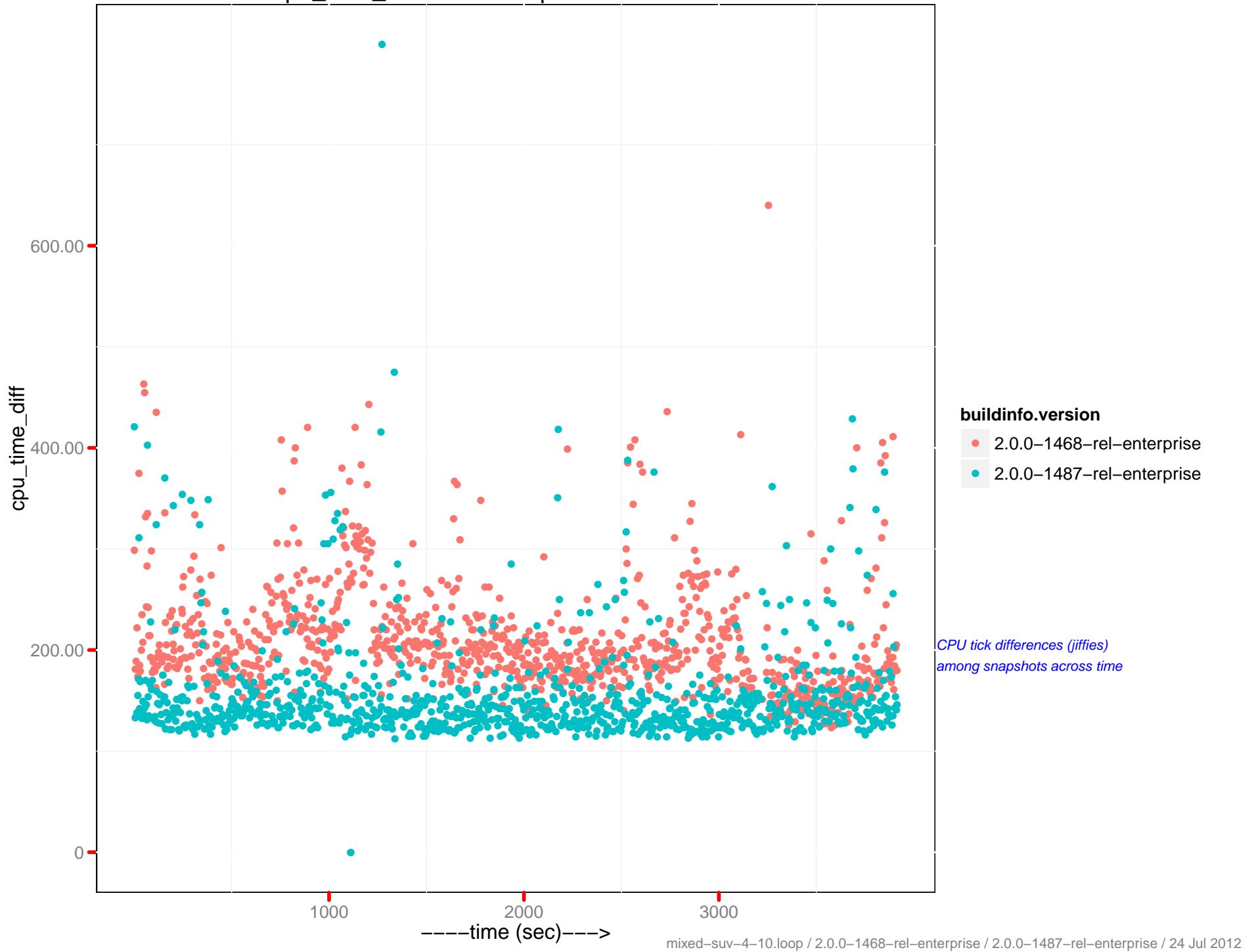




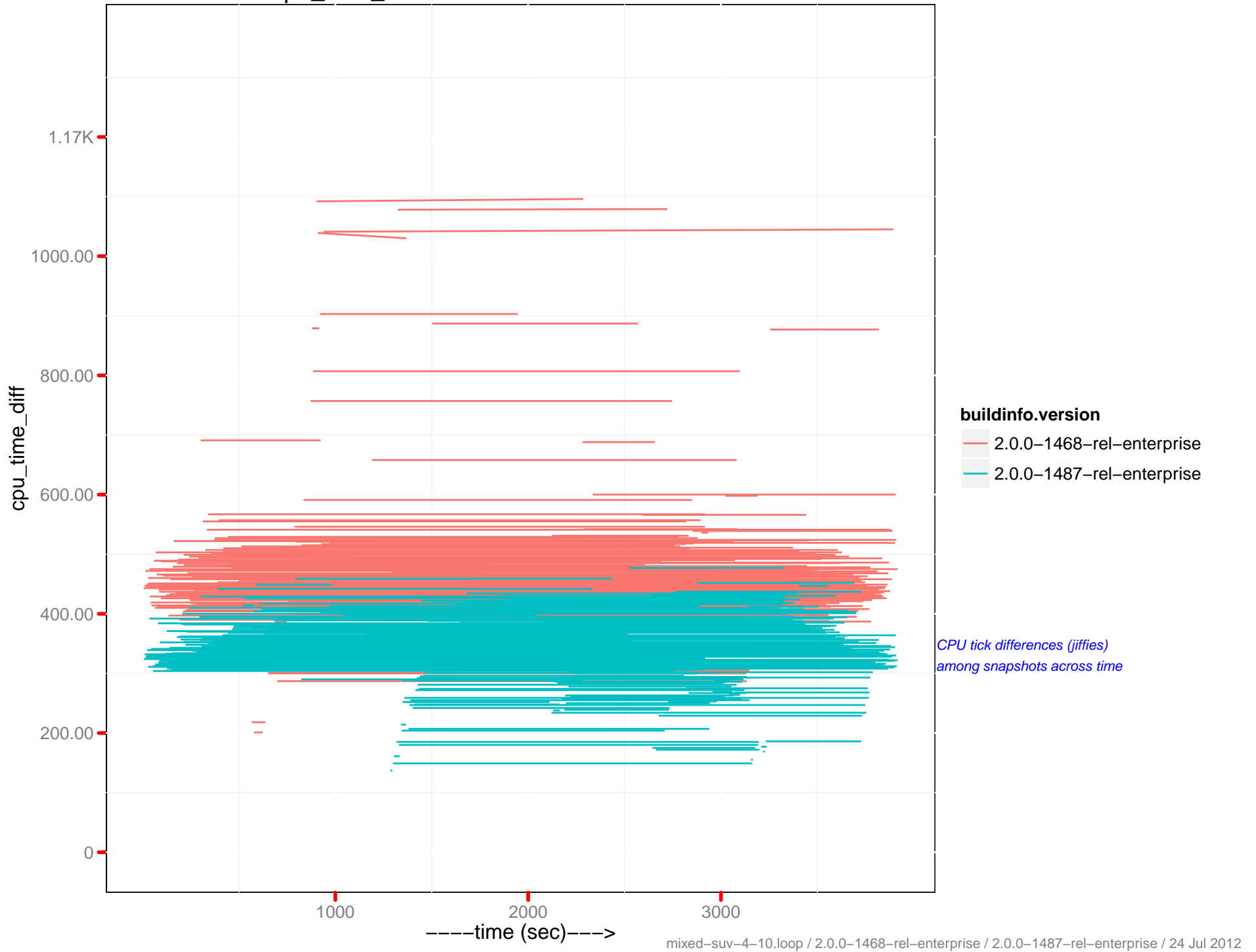
# cpu\_time\_diff: memcached - 192.168.162.20



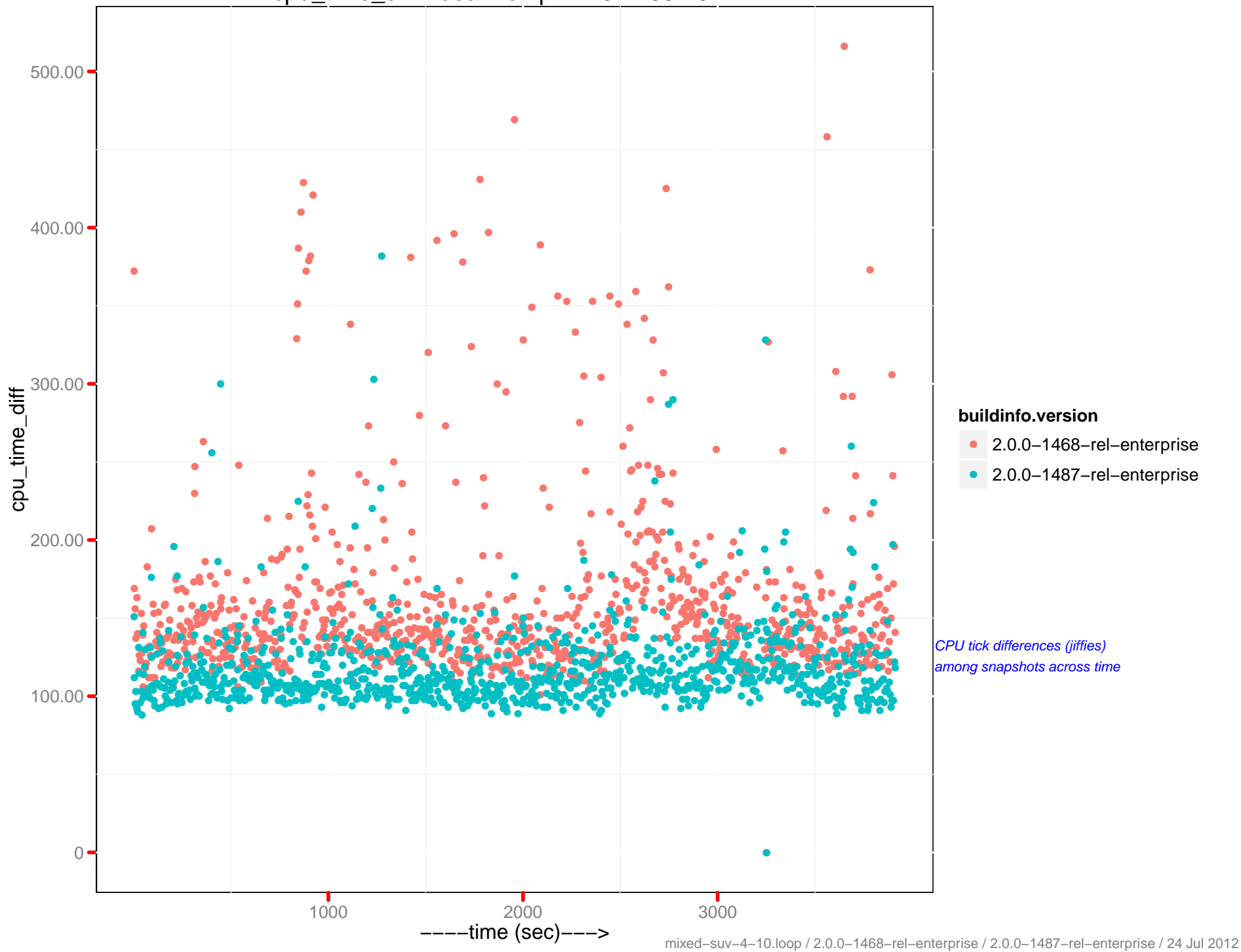
cpu\_time\_diff : beam.smp - 192.168.162.20



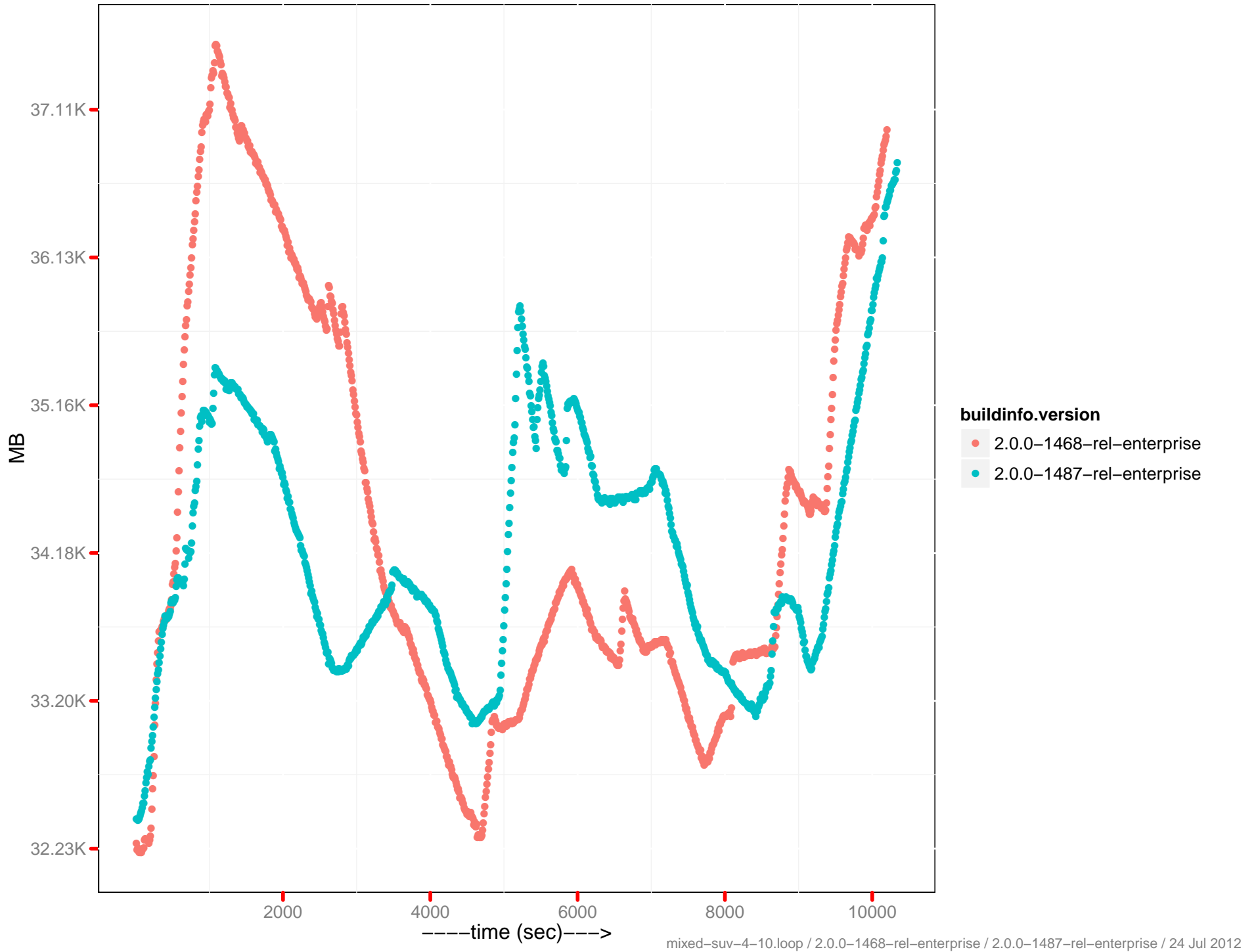
# cpu\_time\_diff: memcached - 192.168.162.21



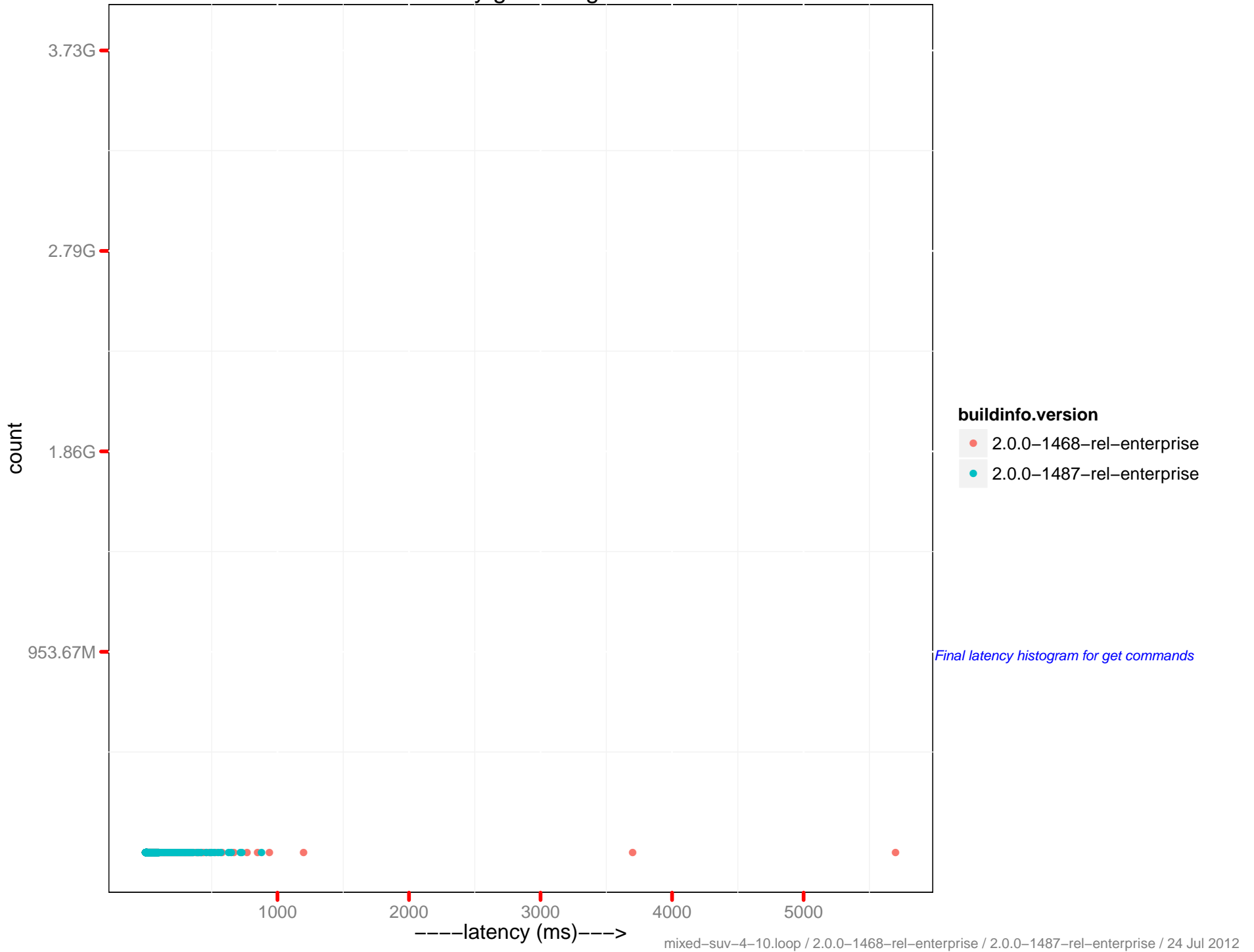
cpu\_time\_diff : beam.smp - 192.168.162.21



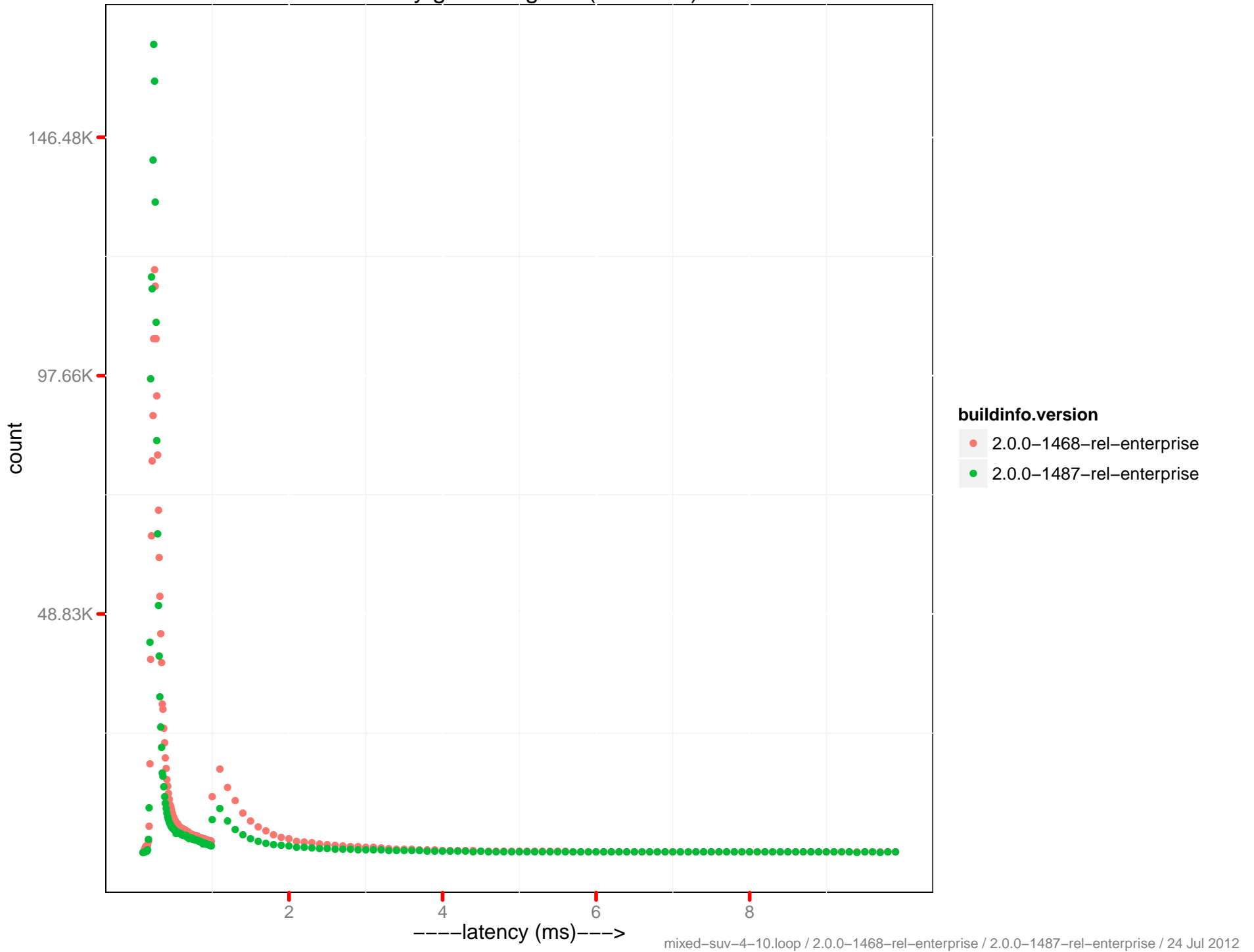
Data disk size



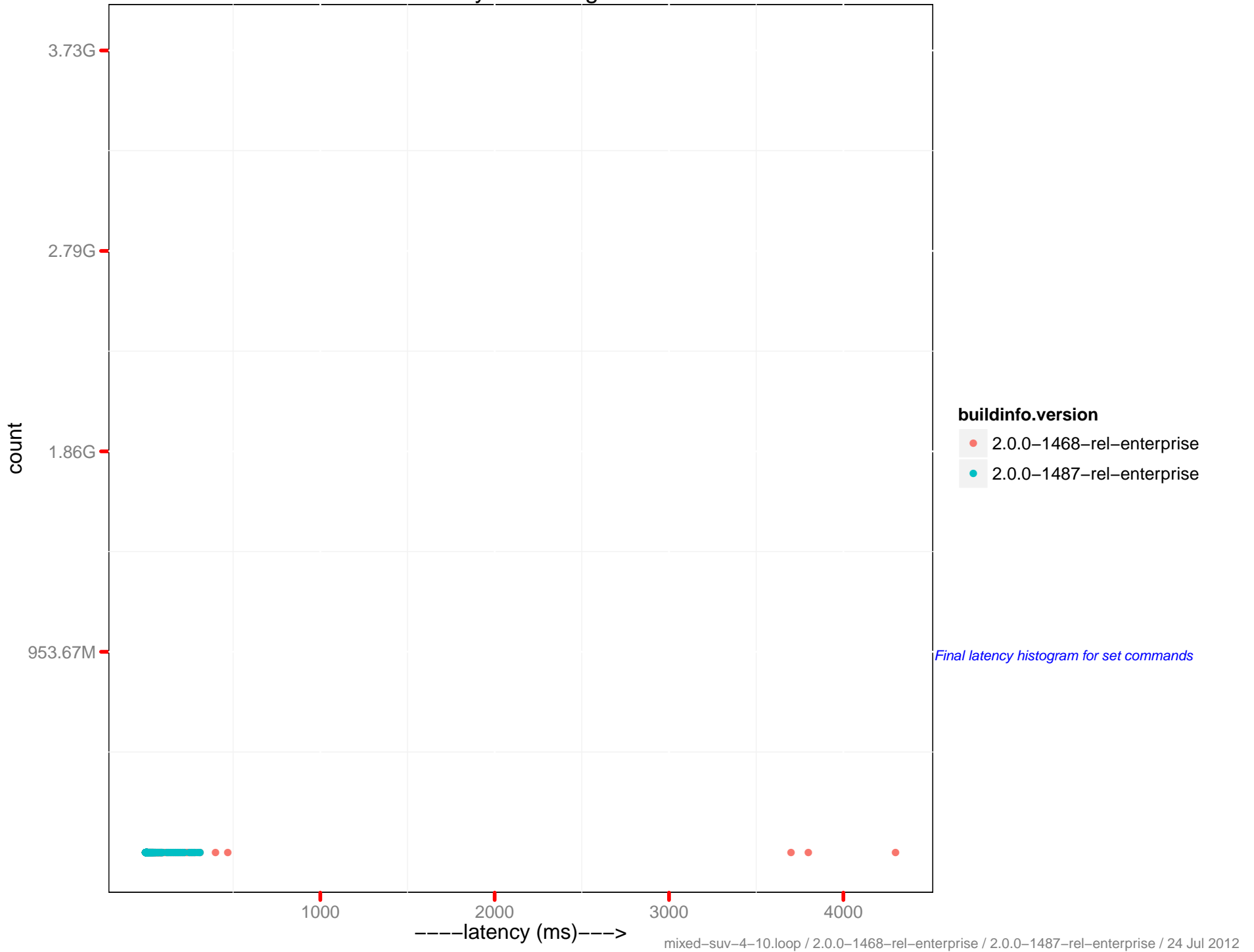
# Latency get histogram



Latency get histogram (0-10 ms)

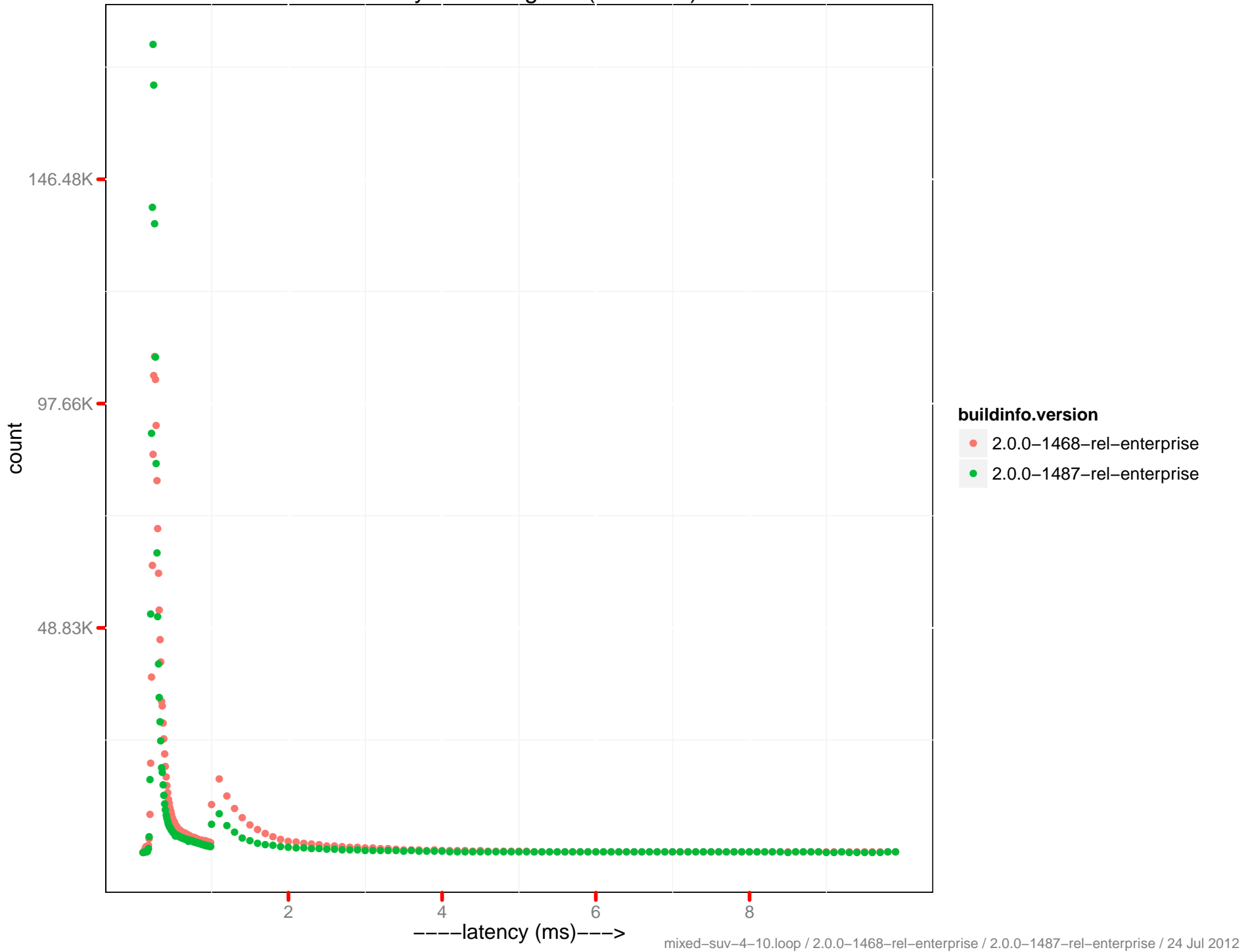


# Latency set histogram

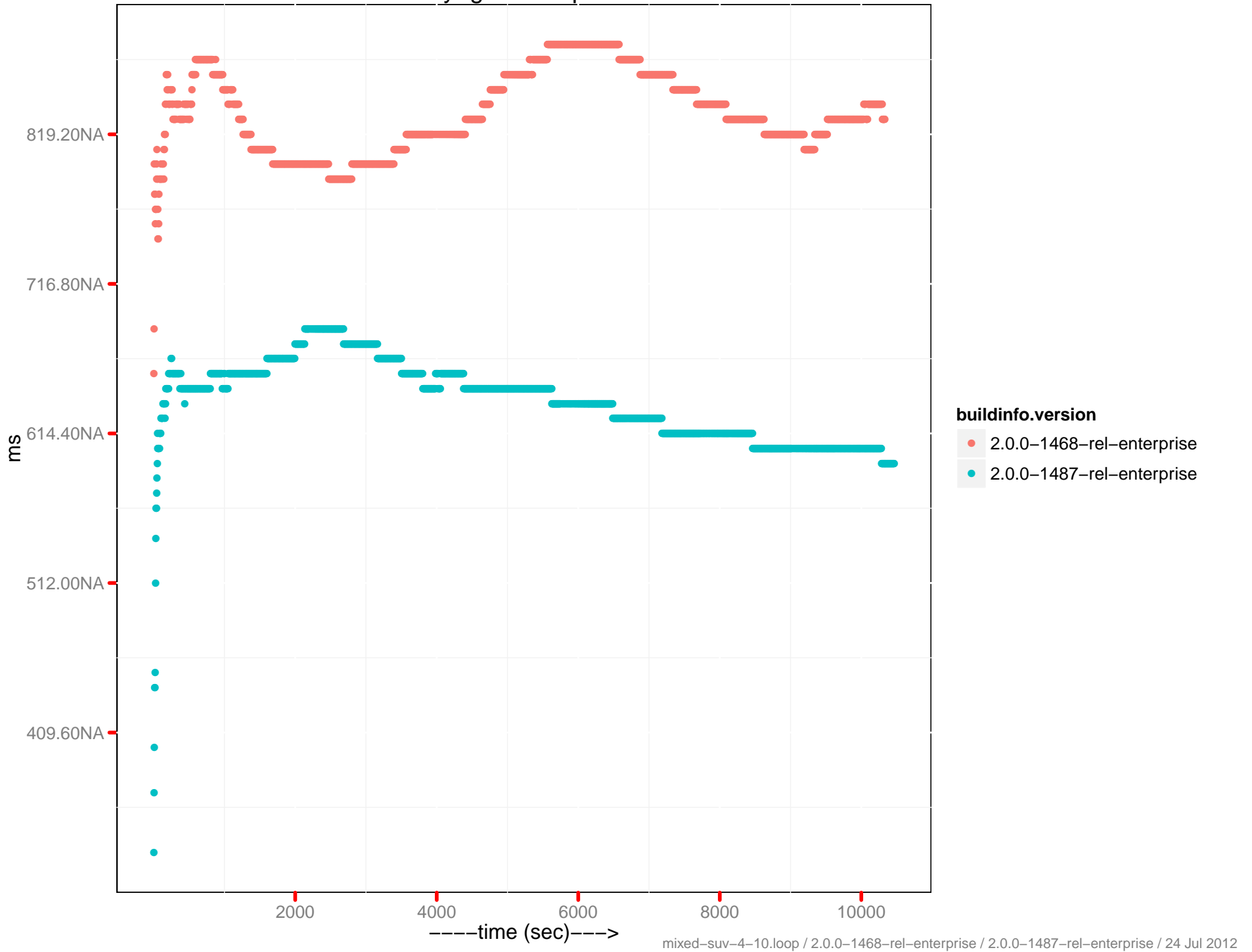




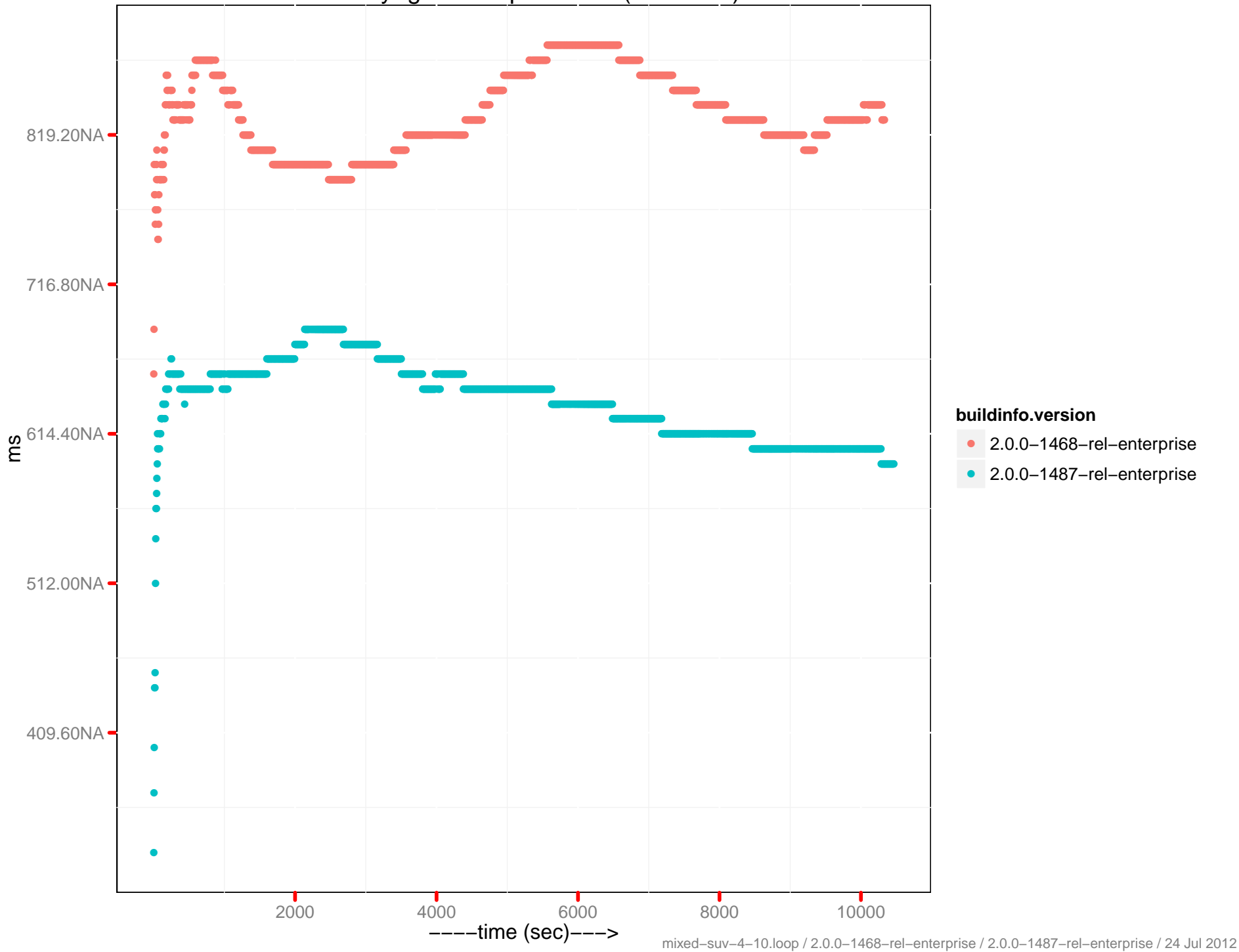
Latency set histogram (0–10 ms)



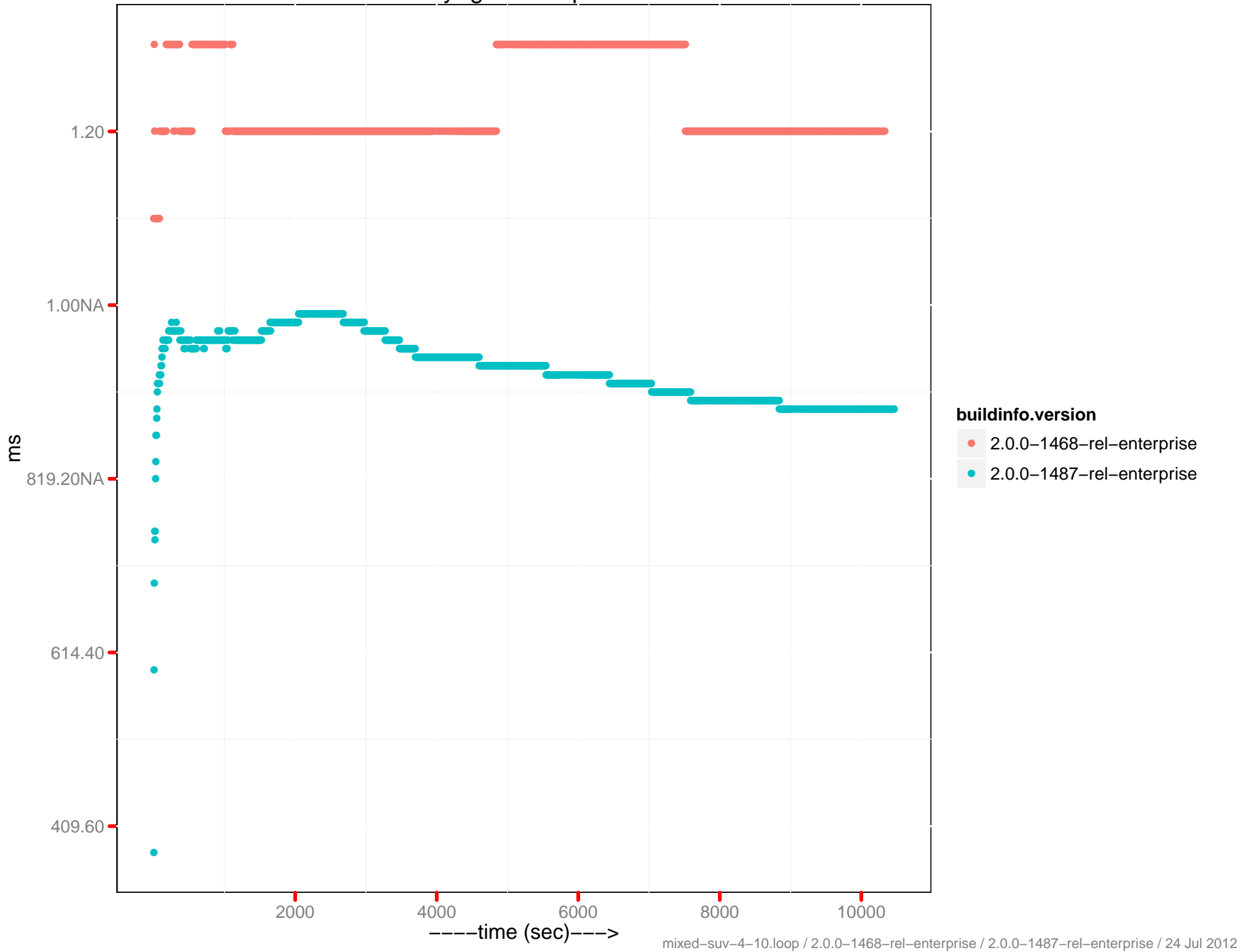
Latency-get 90th percentile



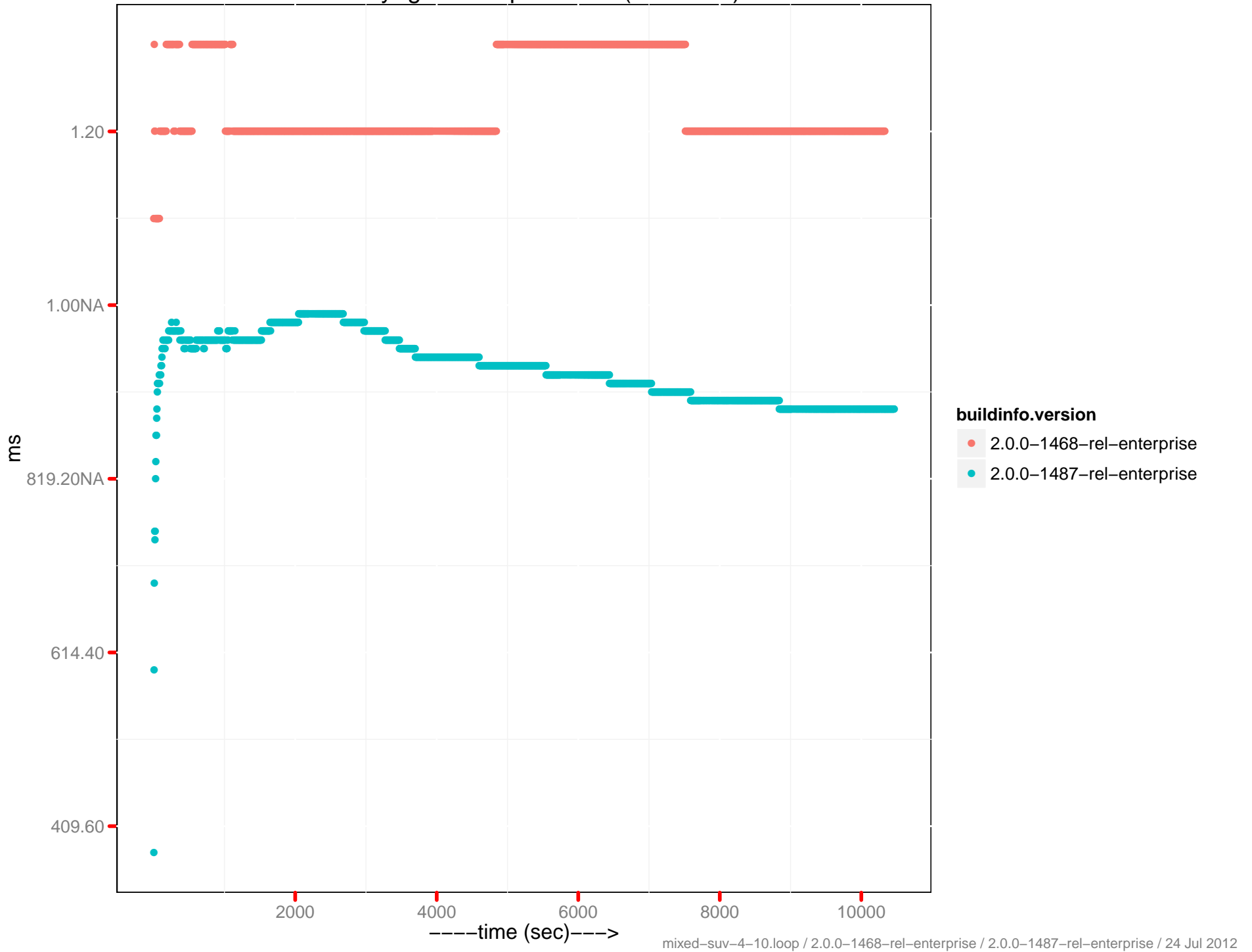
Latency-get 90th percentile (0 - 10ms)



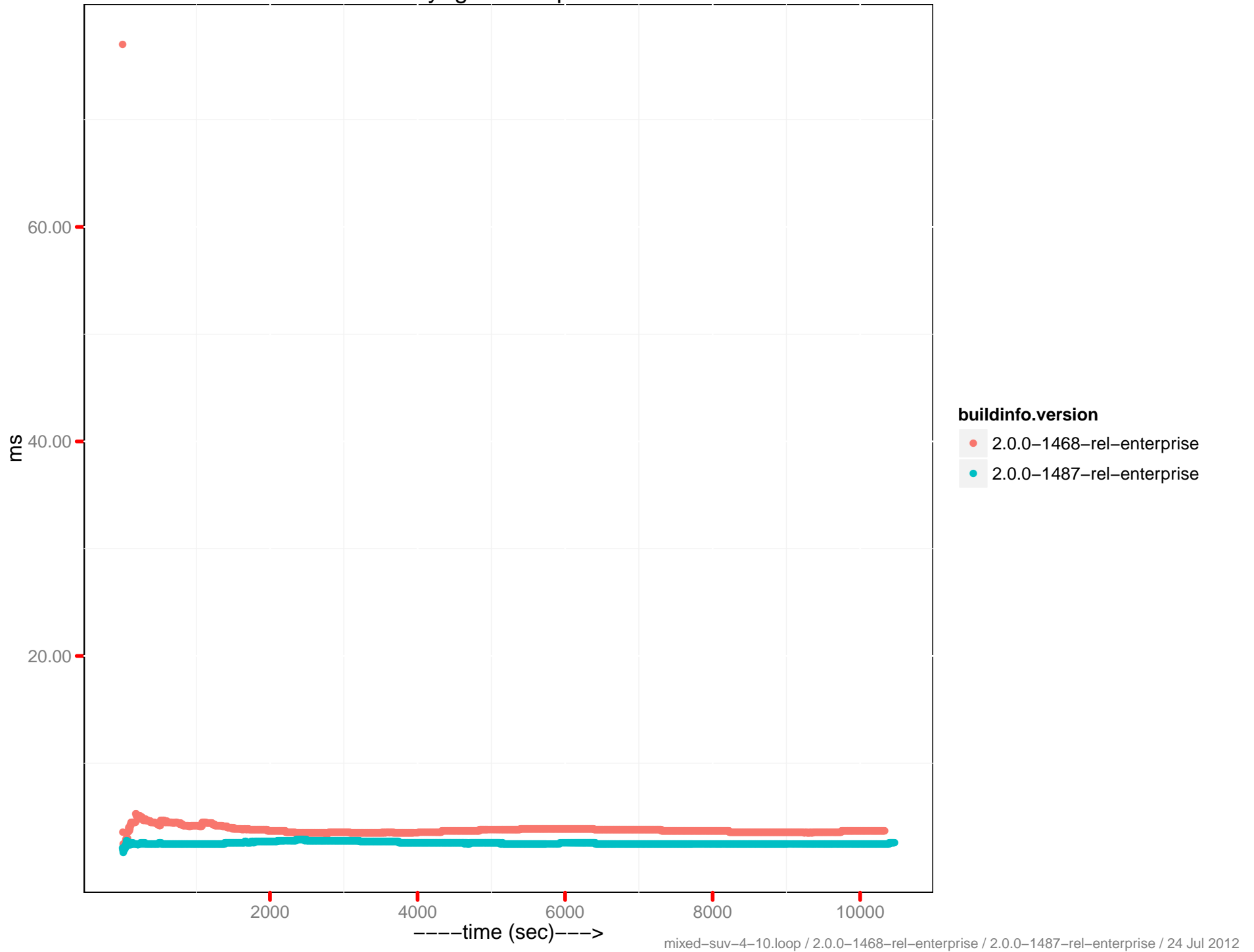
Latency-get 95th percentile



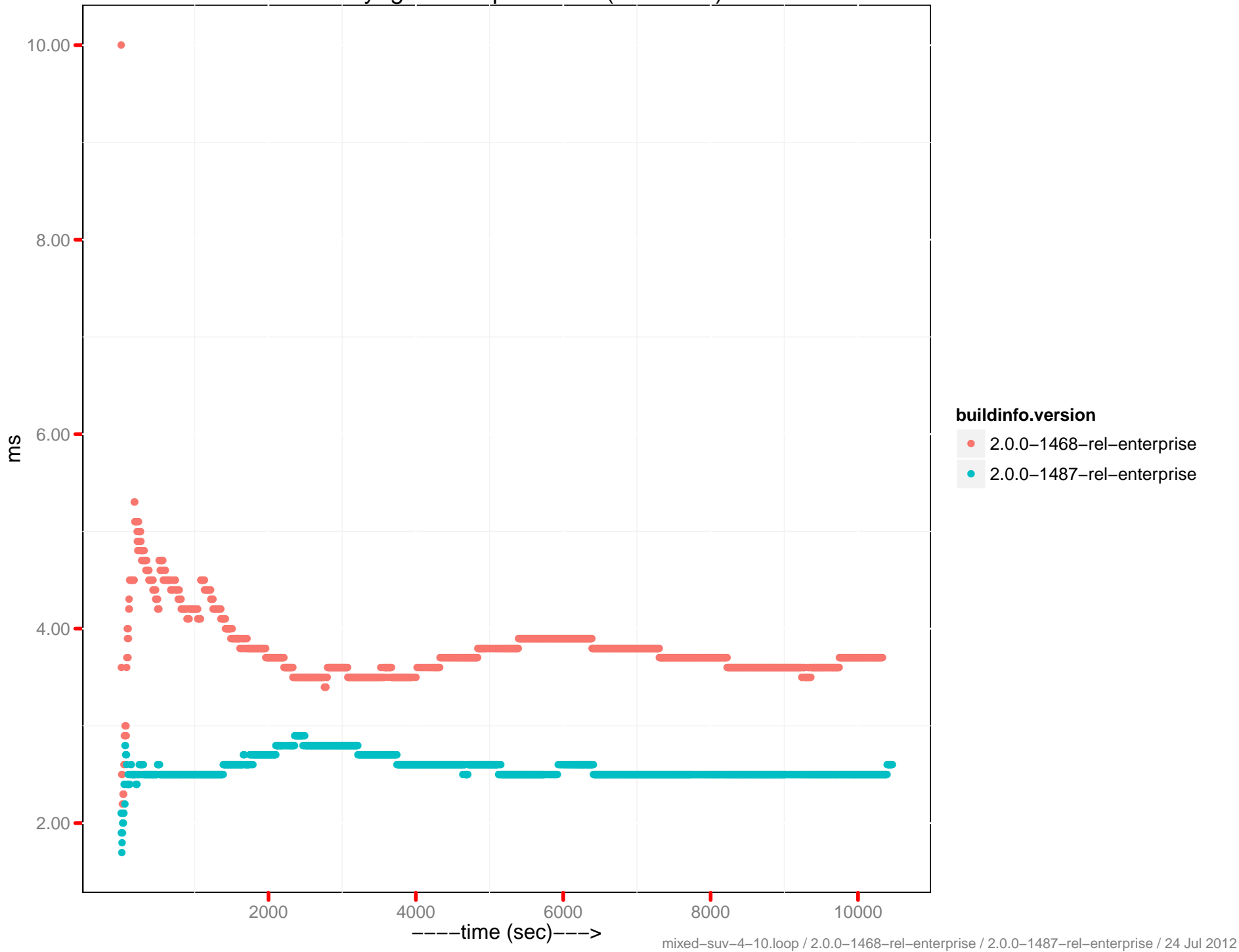
Latency-get 95th percentile (0 - 10ms)



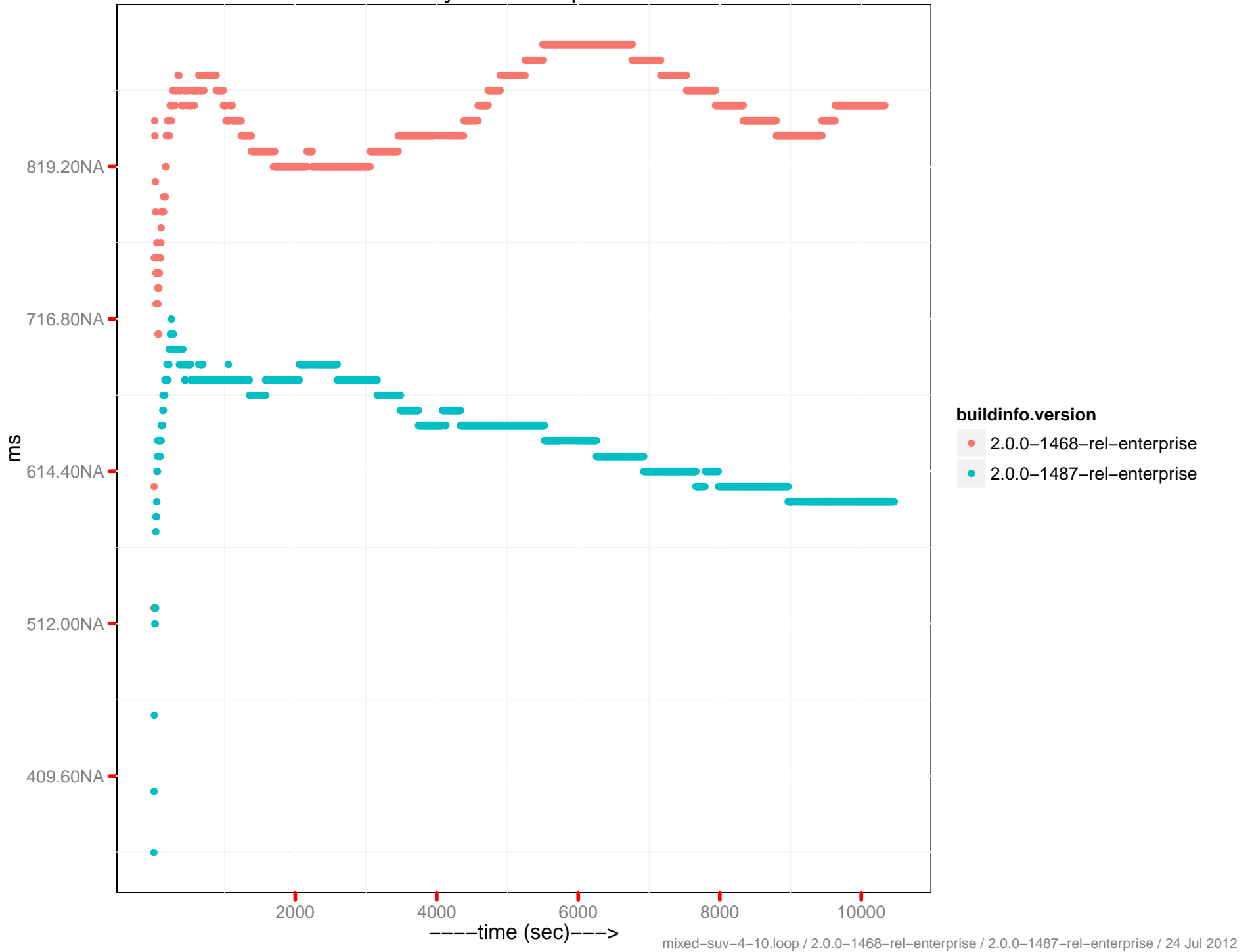
# Latency-get 99th percentile



Latency-get 99th percentile (0 - 10ms)

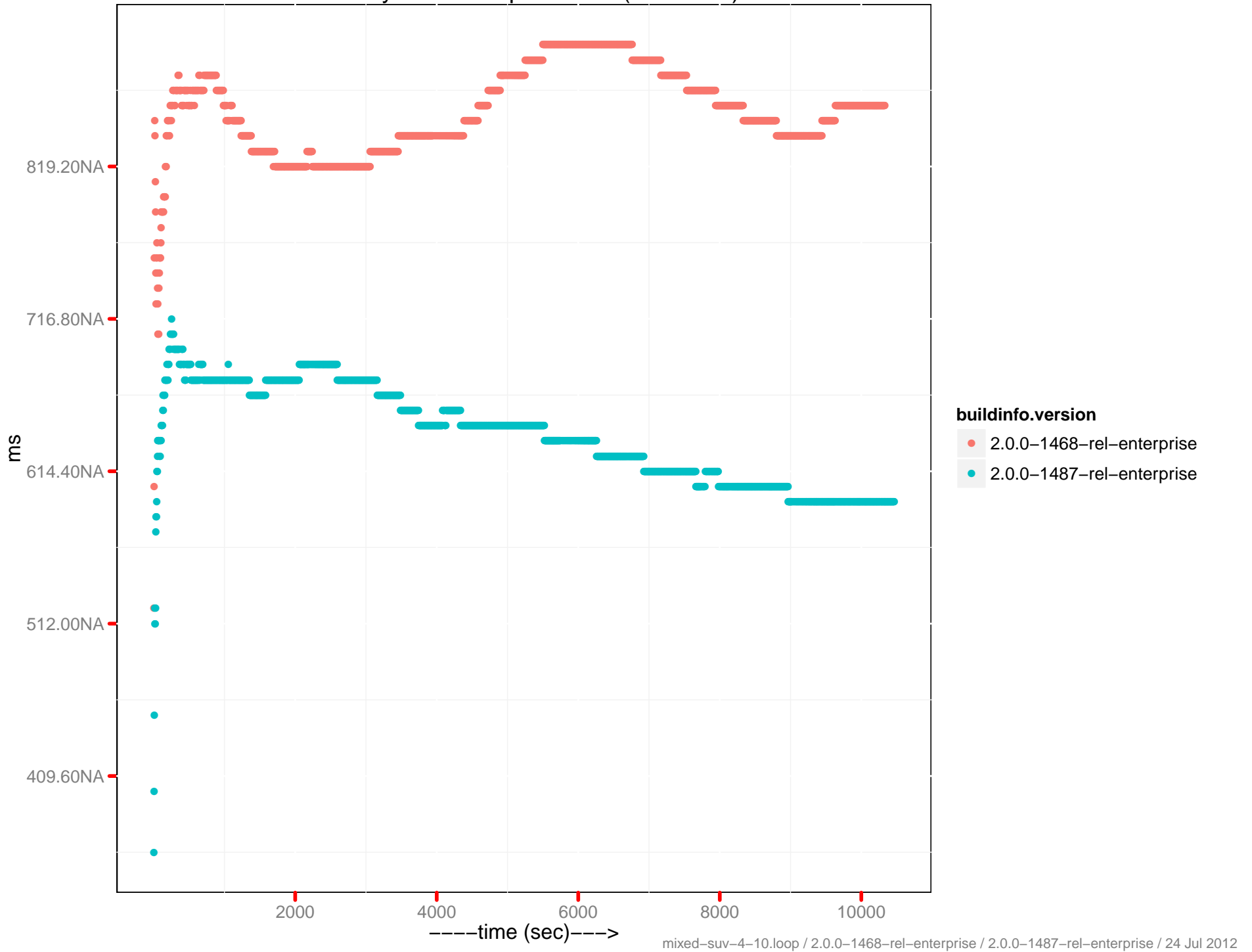


Latency-set 90th percentile

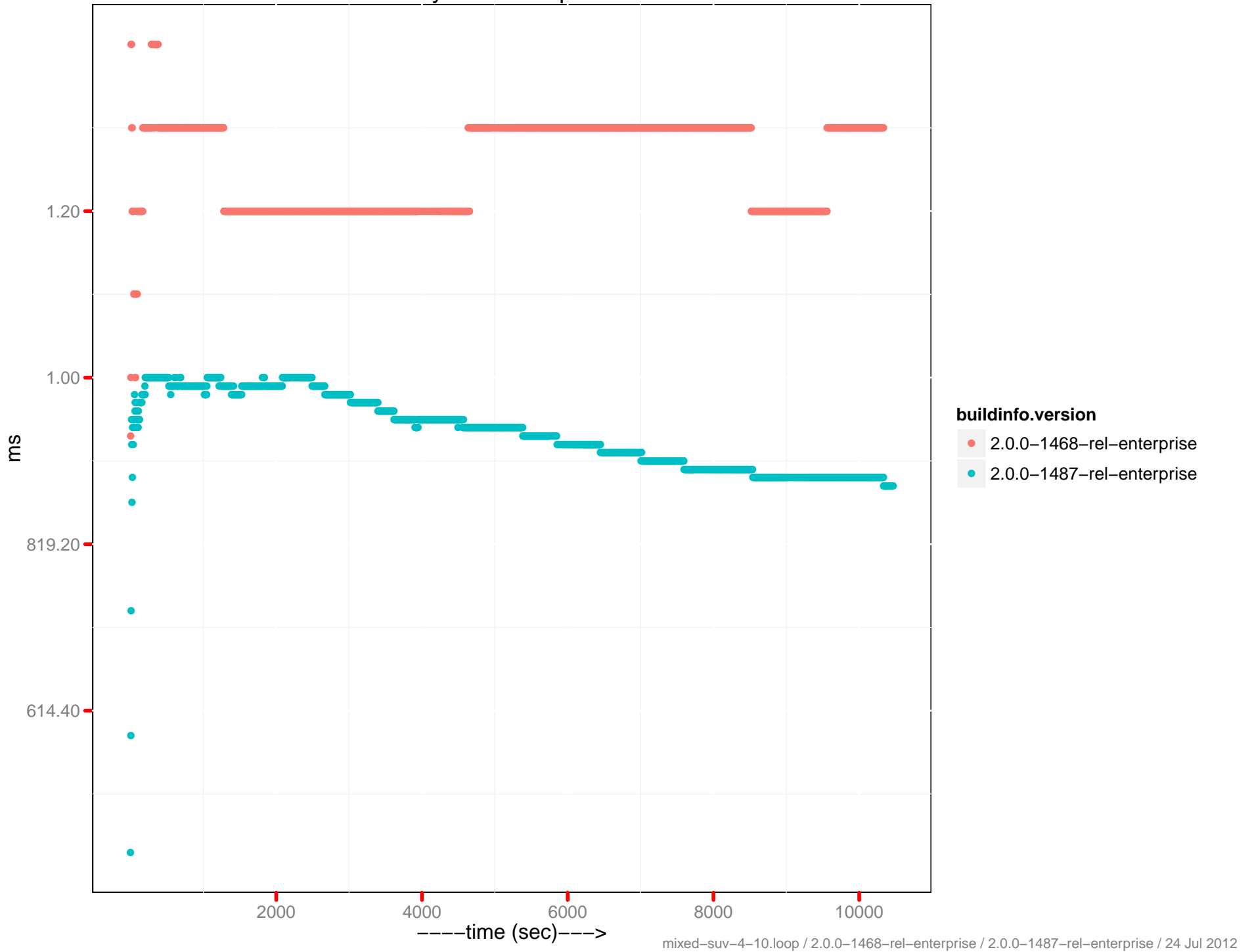




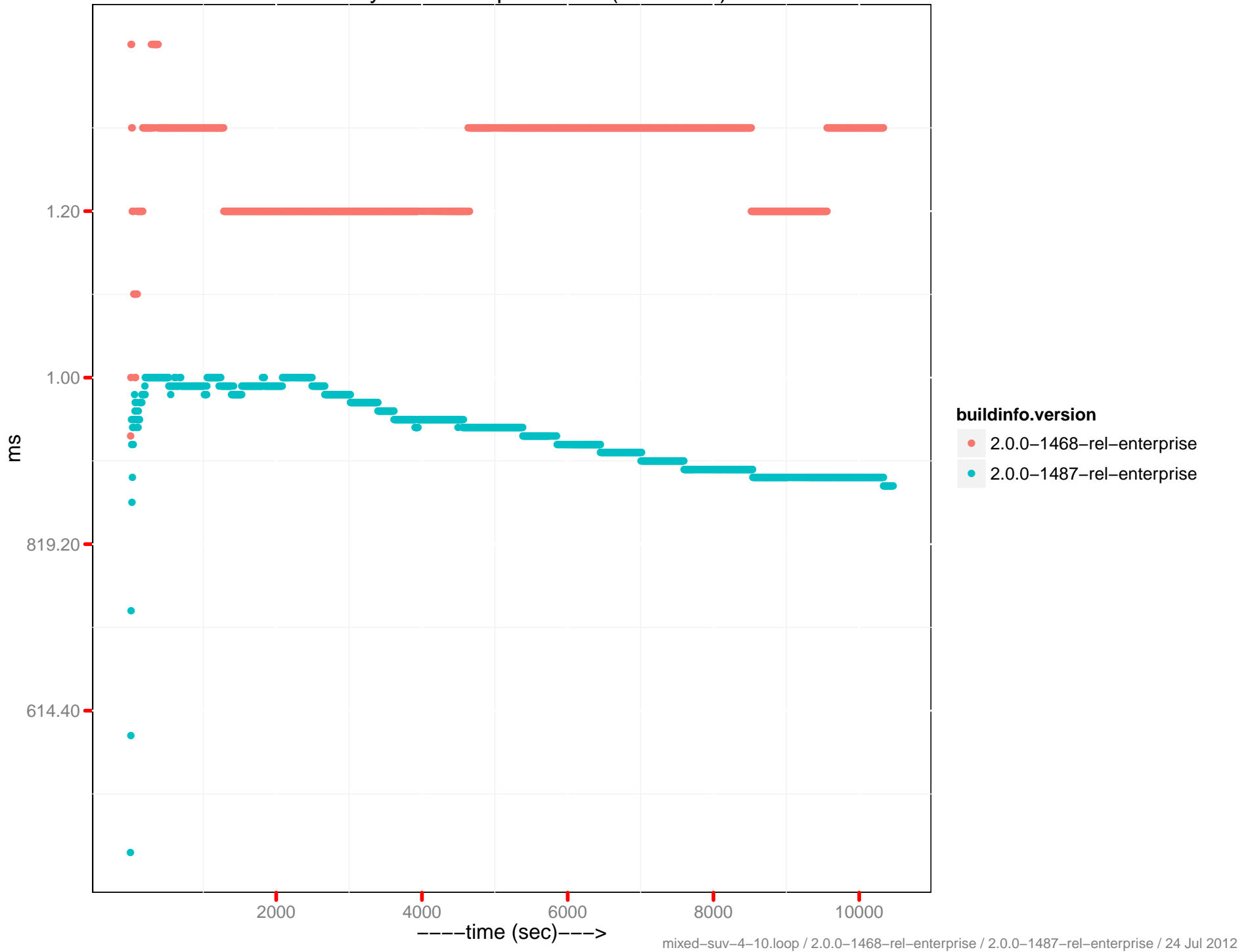
Latency-set 90th percentile (0 - 10ms)



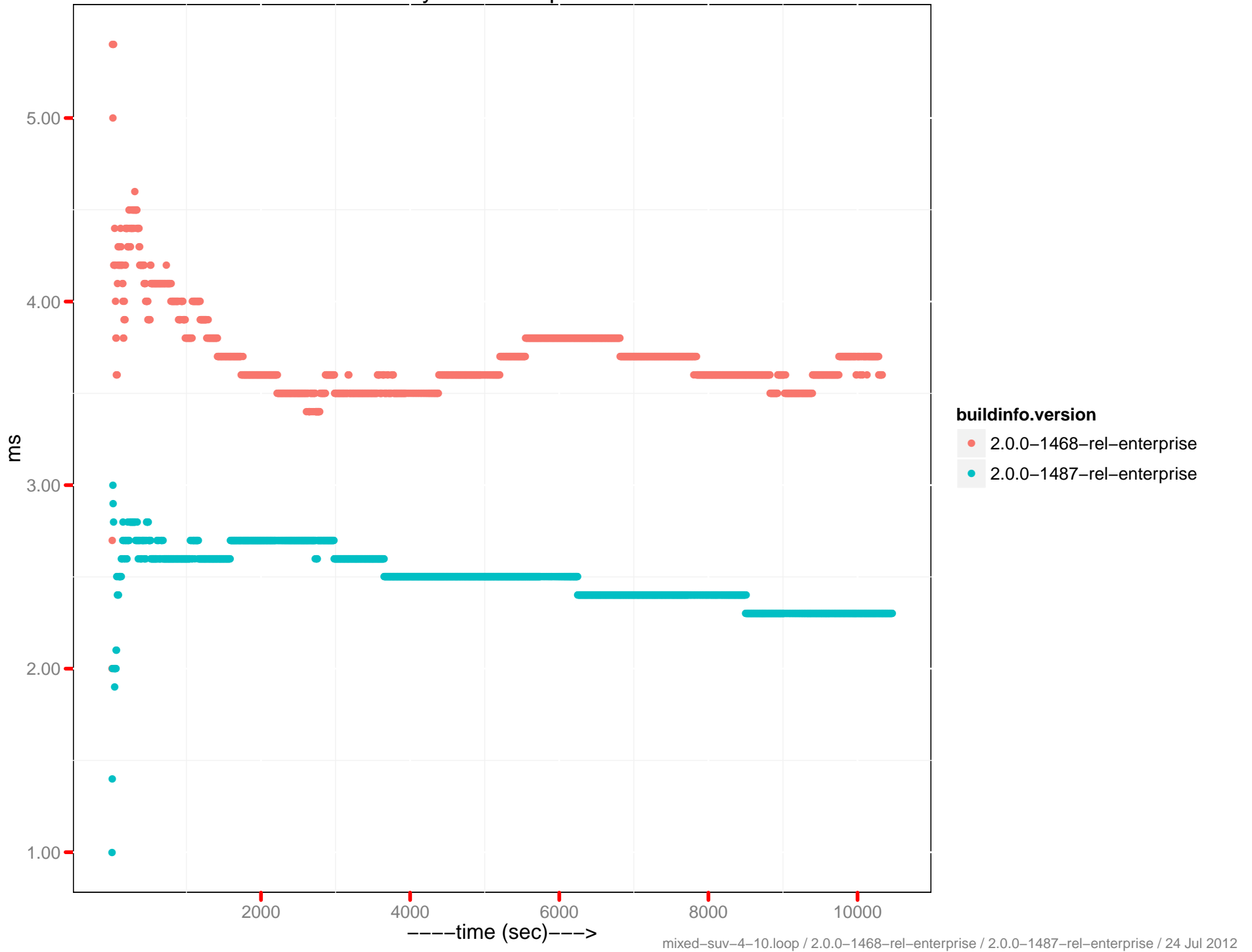
Latency-set 95th percentile



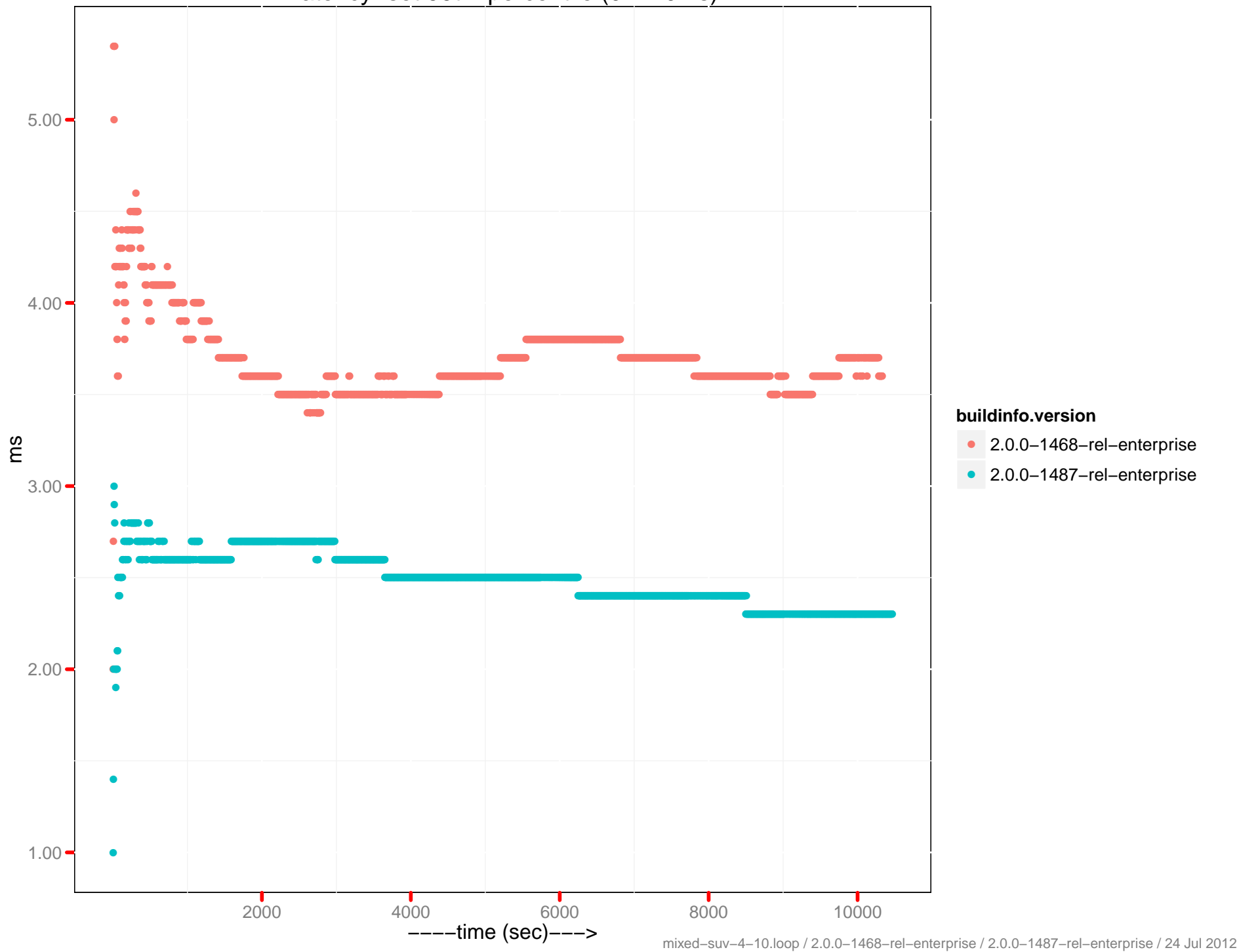
Latency-set 95th percentile (0 - 10ms)



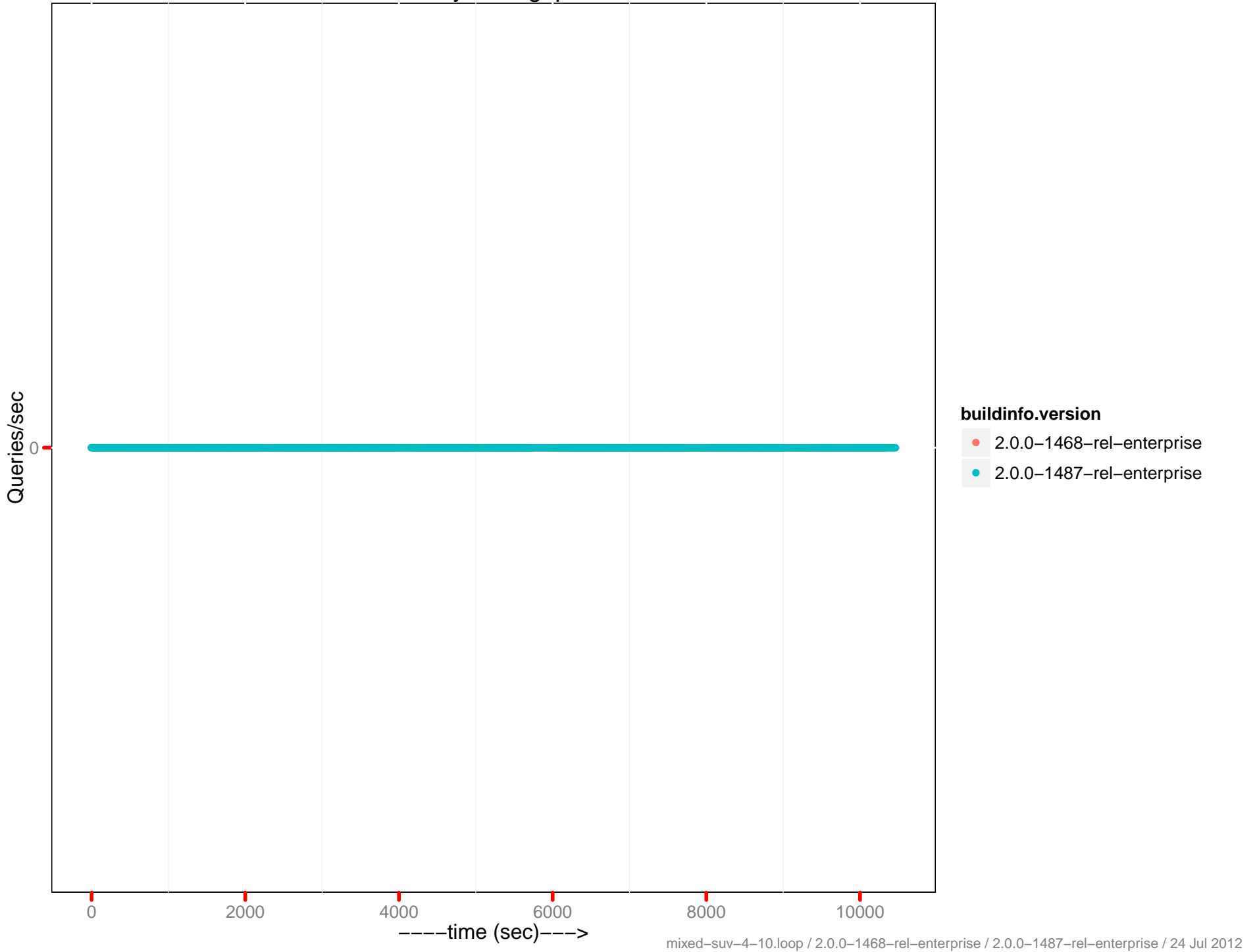
Latency-set 99th percentile



Latency-set 99th percentile (0 - 10ms)



# Query throughput



```
mixed-suv-4-10.conf
# mixed 7M load, 1M hot reload, 3M access creates
# speed limit = 3k
#
performance.eperf.EPerfClient.test_eperf_mixed

params:

# general
batch=50
kind=nonjson
mem_quota=20000
spec=mixed-suv-4-10

# load phase
hot_init_items=1000000
items=7000000

# access phase
# Read:Insert:Update:Delete Ratio = 50:4:40:6.
ratio_sets=0.5
ratio_misses=0.05
ratio_creates=0.08
ratio_deletes=0.13
ratio_hot=0.05
ratio_hot_gets=0.99
ratio_hot_sets=0.99
ratio_expirations=0.03
max_creates=3000000

# control (defaults: pytests/performance/perf_defaults.py)
load_wait_until_drained=1
loop_wait_until_drained=0
mcsoda_heartbeat=3
mcsoda_max_ops_sec=3000
tear_down=1
tear_down_proxy=1
tear_down_bucket=0
tear_down_cluster=1
tear_down_on_setup=0
```

hummer-dedicated-1.ini

[global]

username:root

password:couchbase

port:8091

data\_path:/data

[servers]

1:192.168.162.20

2:192.168.162.21

[clients]

1:192.168.162.24

2:192.168.162.25

3:192.168.162.26

[membase]

rest\_username:Administrator

rest\_password:password

[dashboard]

1:dashboard.hq.couchbase.com:80