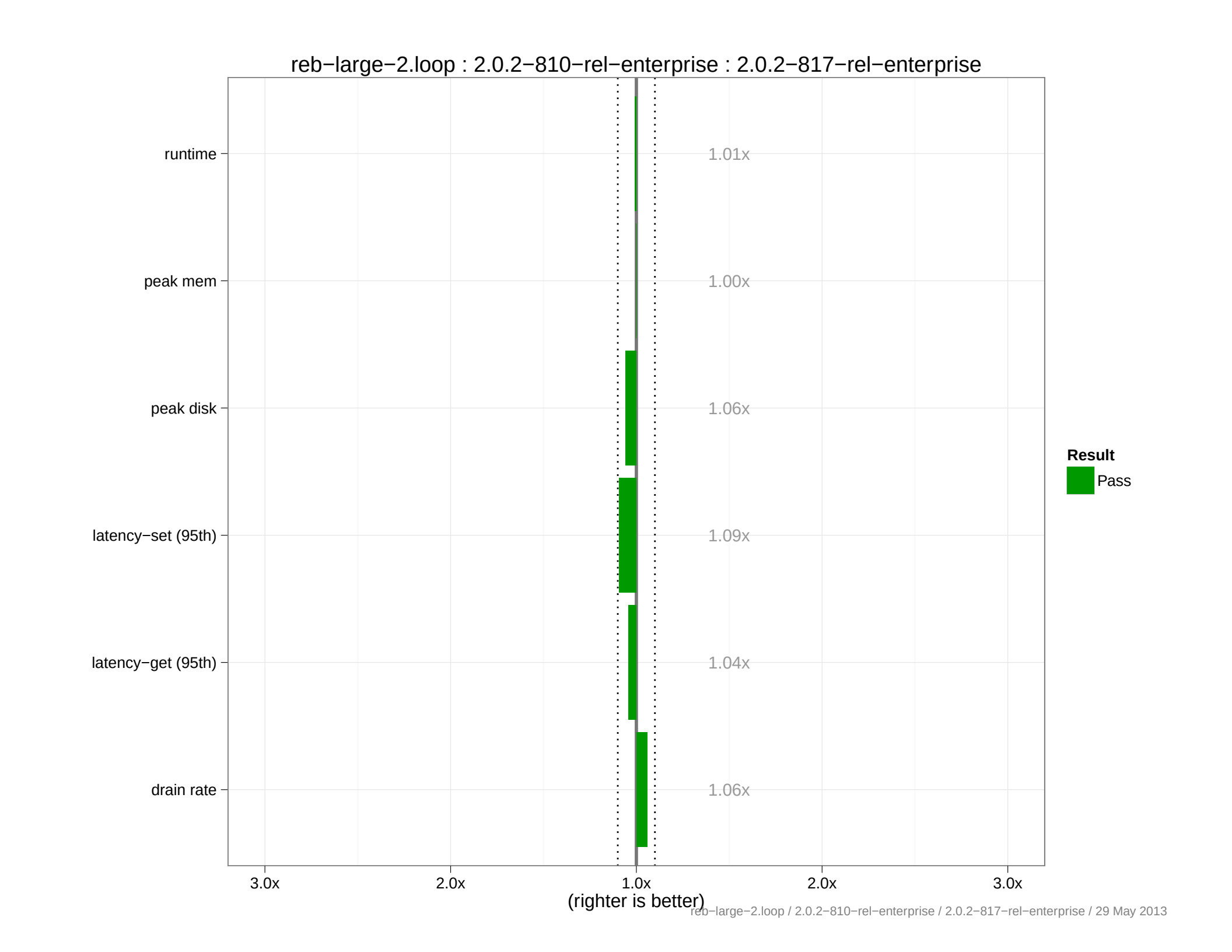
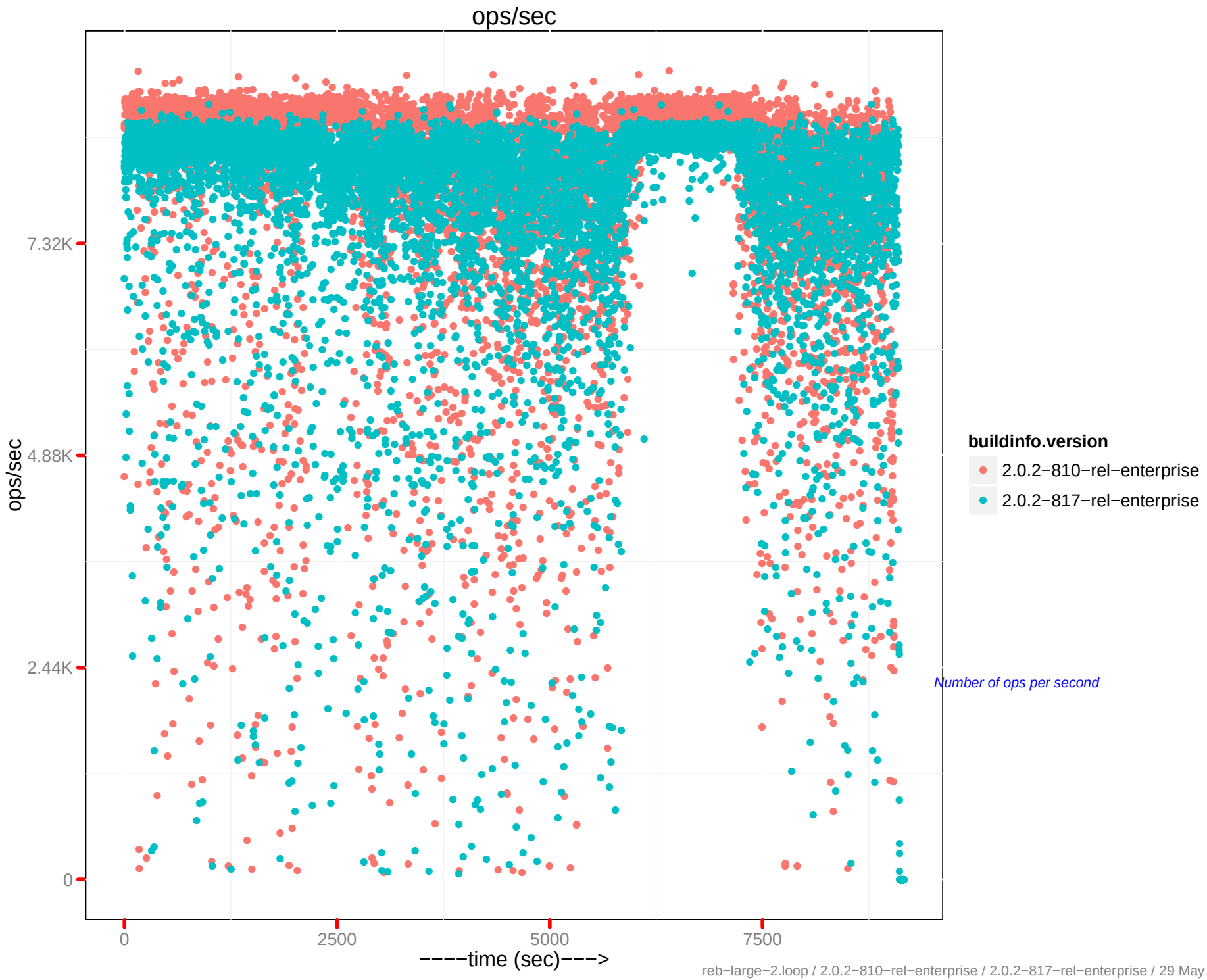
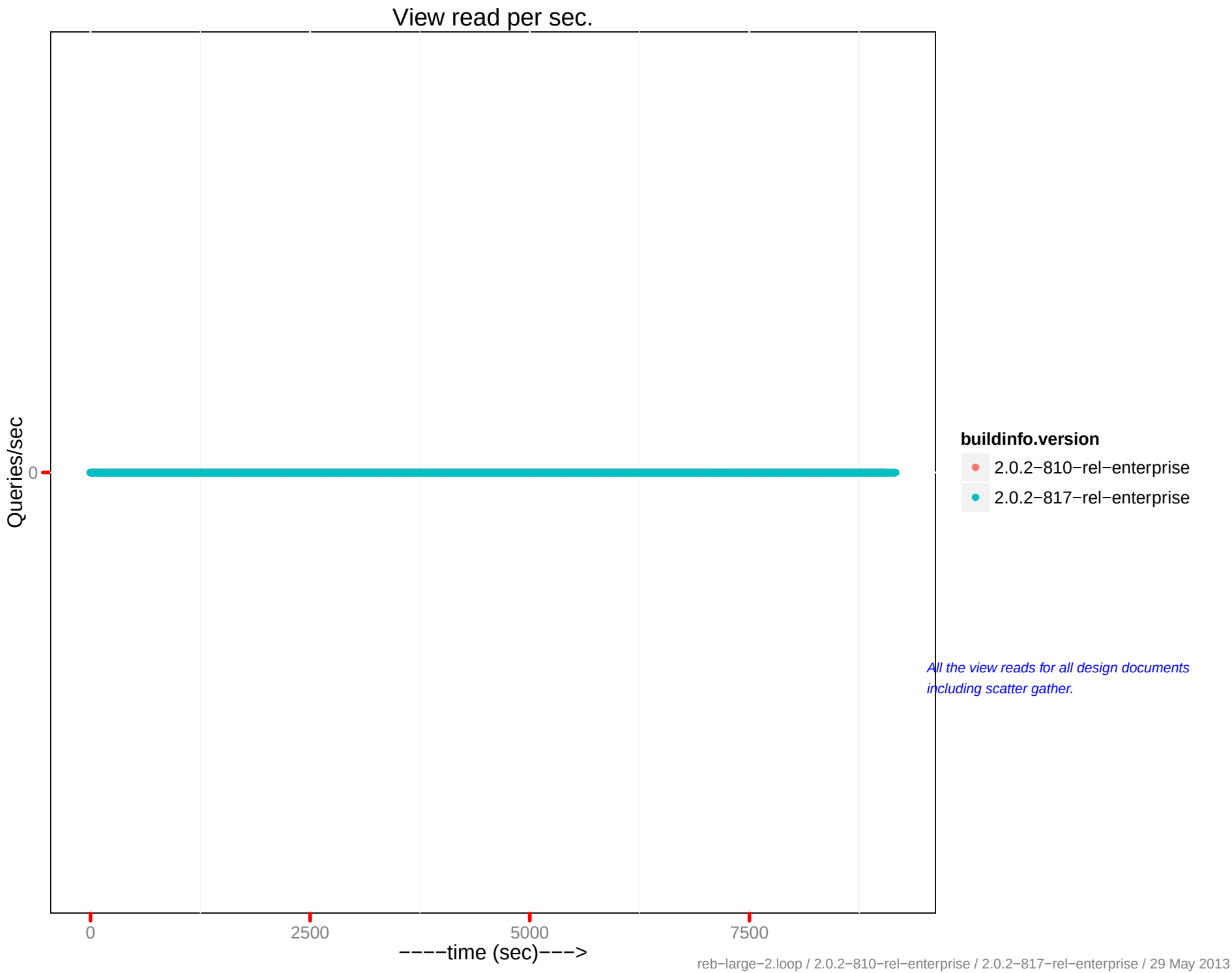
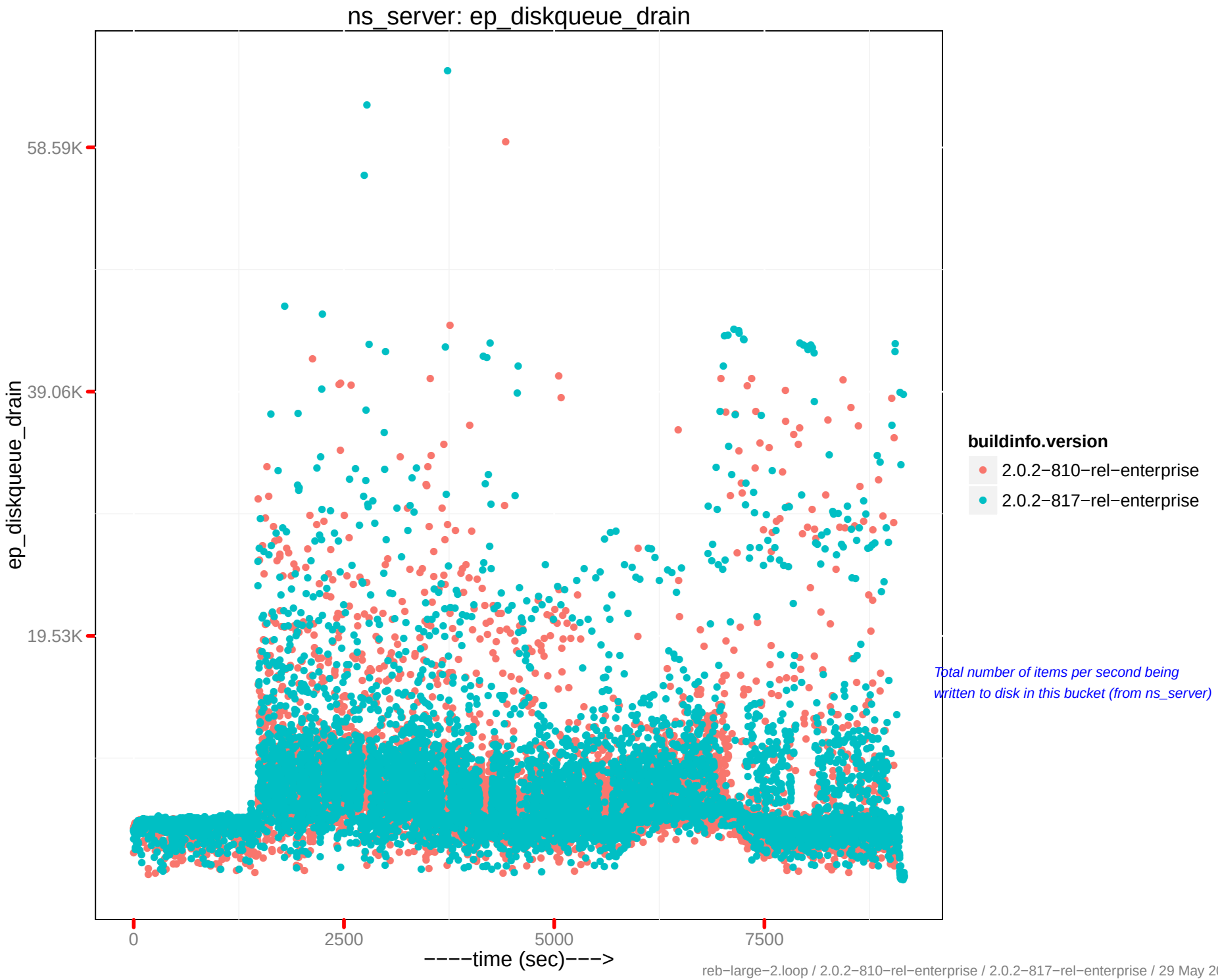

reb−large−2.loop : 2.0.2−810−rel−enterprise : 2.0.2−817−rel−enterprise
runtime
peak mem
peak disk
latency−set (95th)
latency−get (95th)
drain rate
1.01x
1.00x
1.06x
1.09x
1.04x
1.06x
Result
Pass
3.0x
2.0x
1.0x
2.0x
3.0x
(righter is better)
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

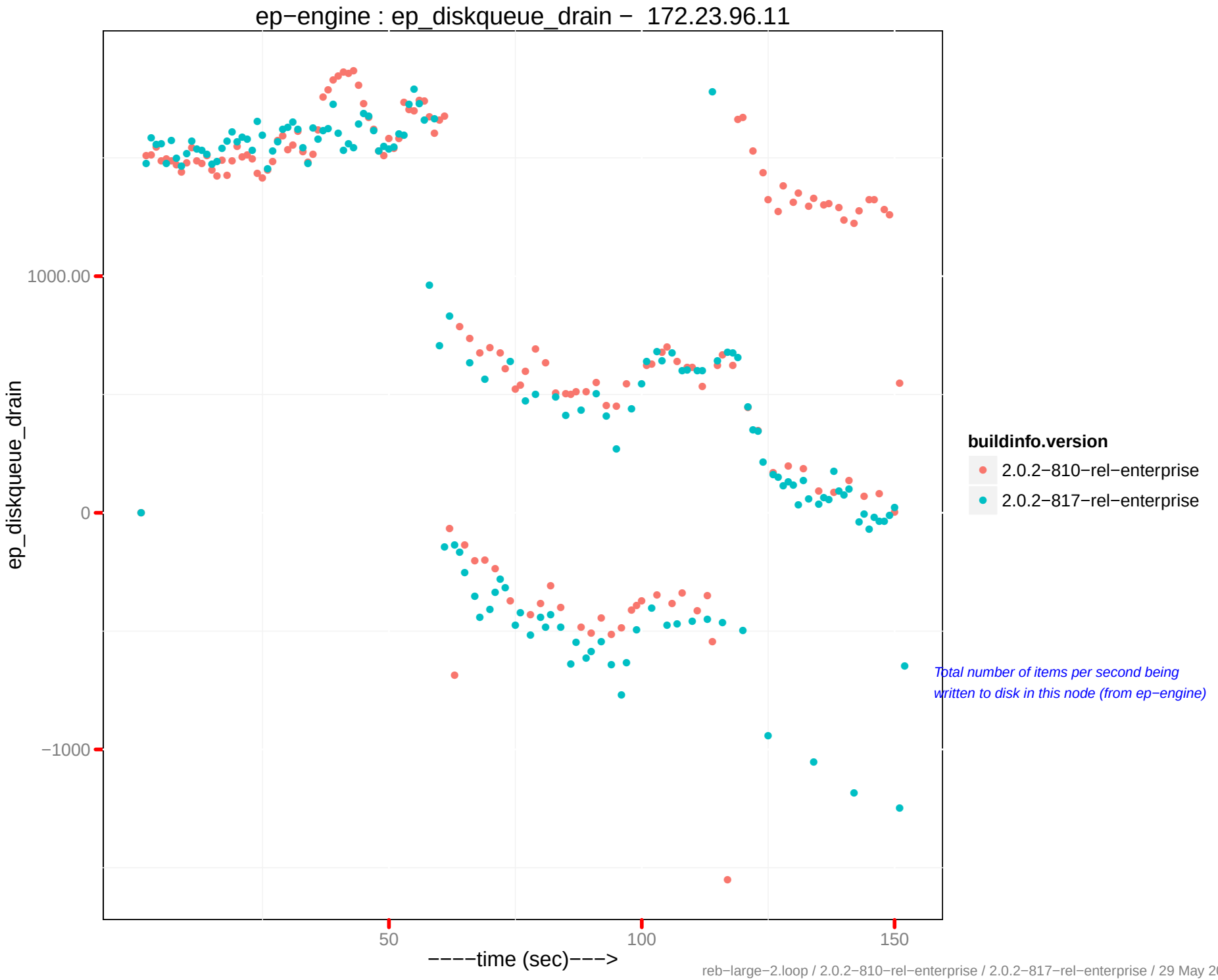
	2.0.2 − 810	2.0.2 − 817
Runtime (in hr)	2.52	2.55
Avg. Drain Rate	6.43K	6.80K
Peak Disk (GB)	237.43	251.04
Peak Memory (GB)	101500.89	101818.66
Avg. OPS	8.01K	7.77K
Avg. mem memcached (GB)	100269.55	100559.12
Avg. mem beam.smp (MB)	1255100.52	1280885.47
Avg. CPU rate (%)	7.6	7.43
Latency−get (90th) (ms)	1.73	1.81
Latency−get (95th) (ms)	2.52	2.63
Latency−get (99th) (ms)	5.22	13.39
Latency−set (90th) (ms)	1.76	1.91
Latency−set (95th) (ms)	2.48	2.71
Latency−set (99th) (ms)	4.28	12.38
Latency−query (80th) (ms)	NA	NA
Latency−query (90th) (ms)	NA	NA
Latency−query (95th) (ms)	NA	NA
Latency−query (99th) (ms)	NA	NA
Latency−query (99.9th) (ms)	NA	NA
Avg. QPS	0	0
Avg. XDC ops/sec	NaN	NaN
Avg. XDC docs to replicate	NaN	NaN
Rebalance Time (sec)	0	0
Testrunner Version	2ed3097	41973a6

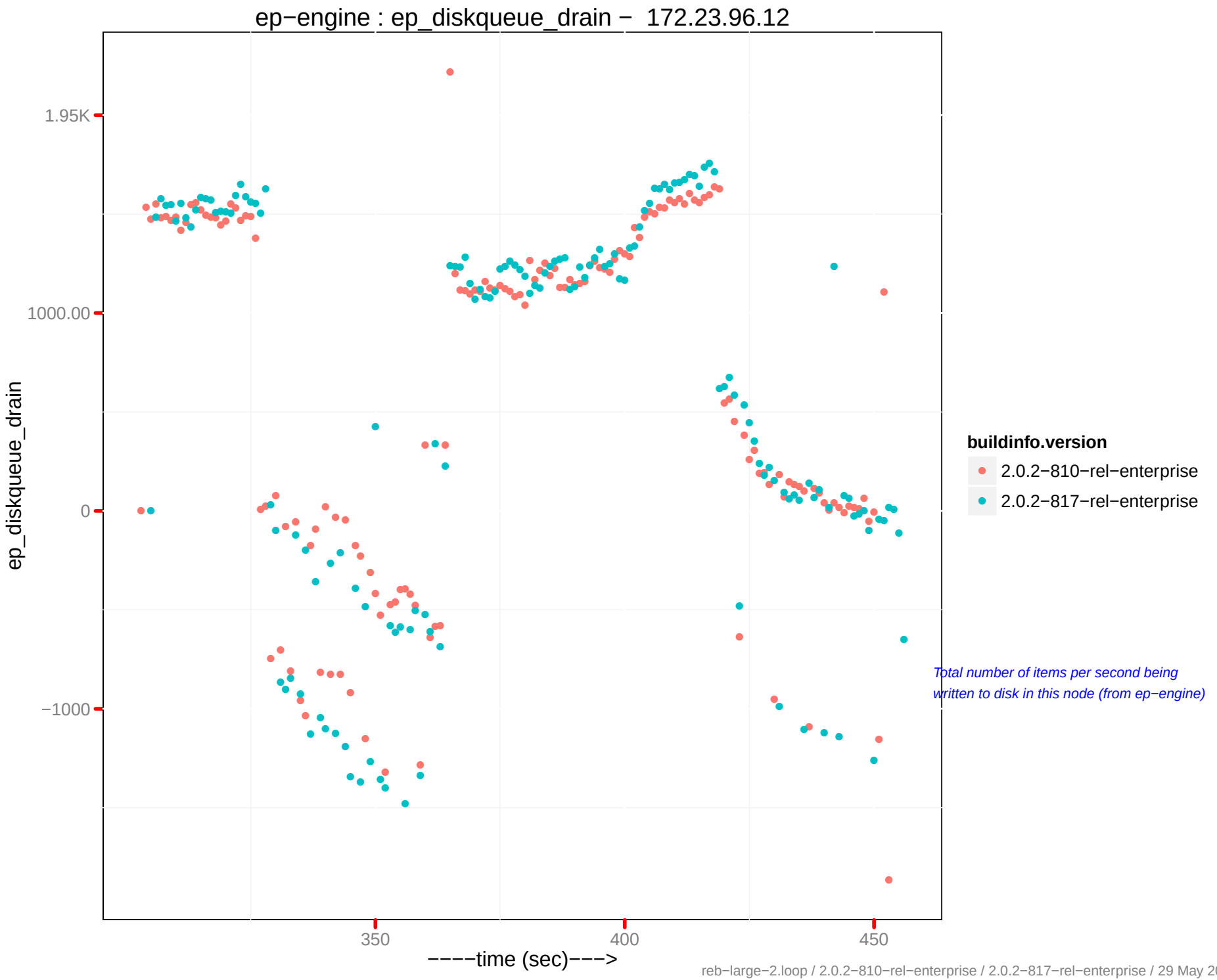

ops/sec
7.32K
4.88K
2.44K
0
ops/sec
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of ops per second
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

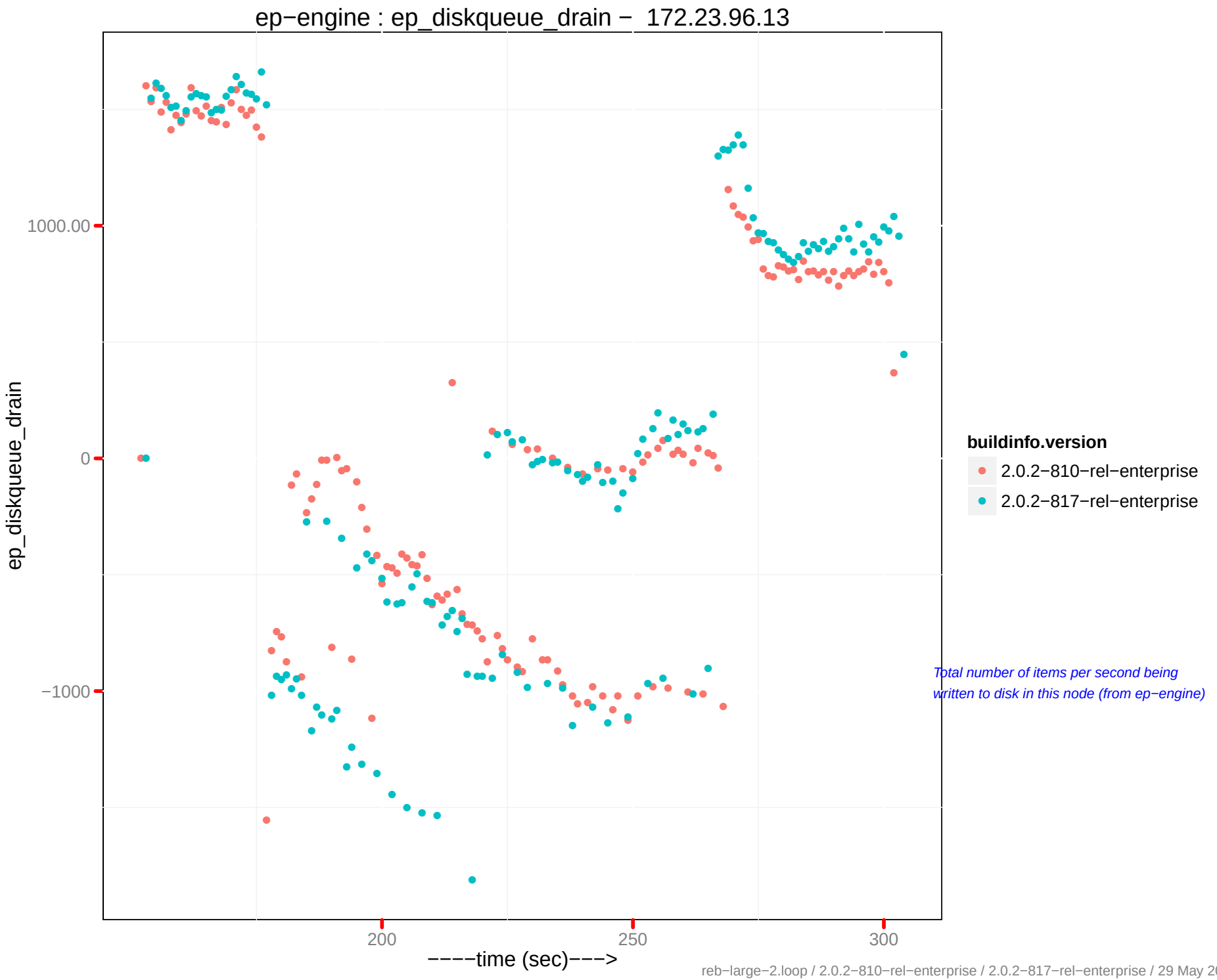

View read per sec.
Queries/sec
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
All the view reads for all design documents including scatter gather.
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

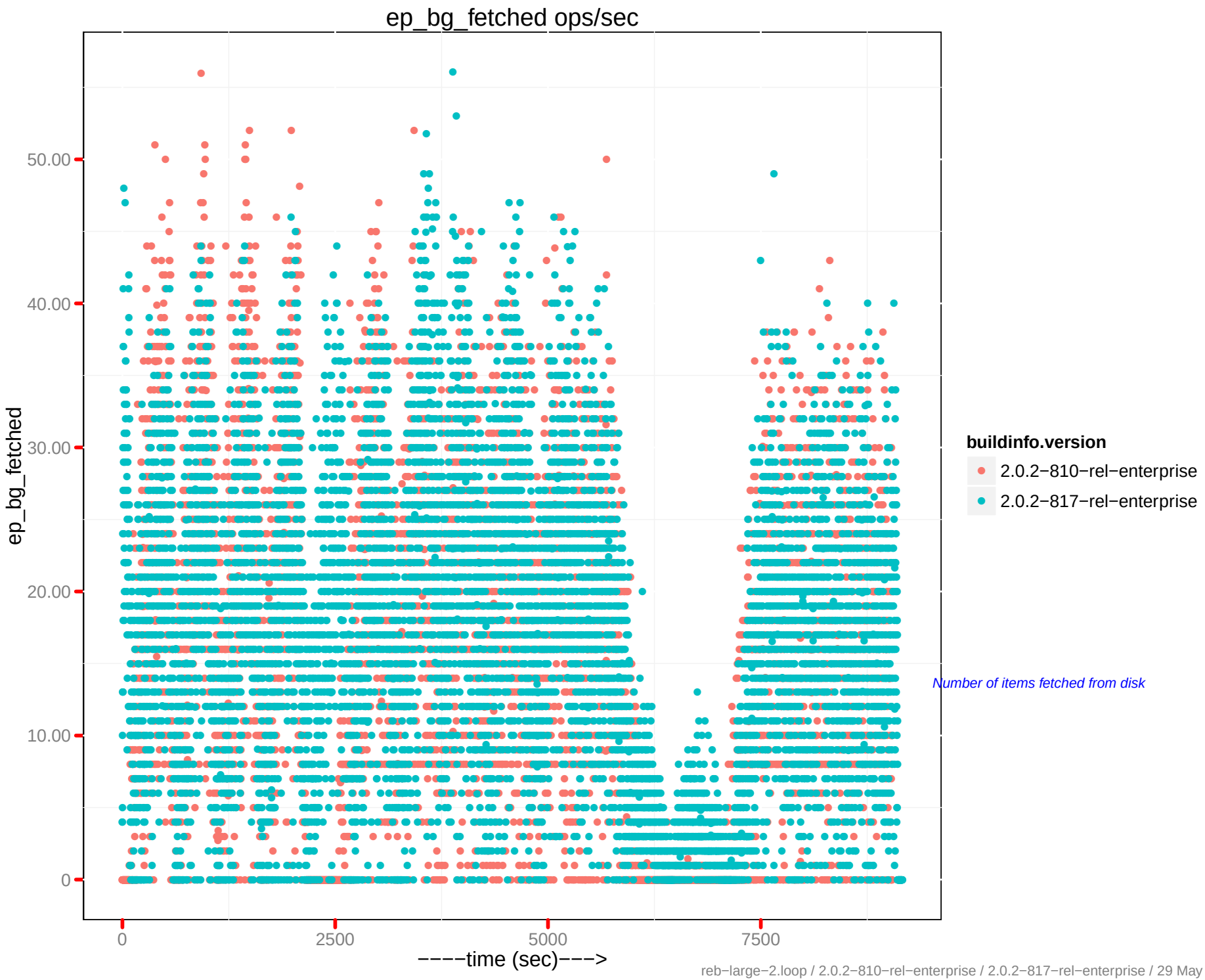

ep queue size
122.07K
97.66K
73.24K
48.83K
24.41K
ep_queue_size
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of items queued for storage
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

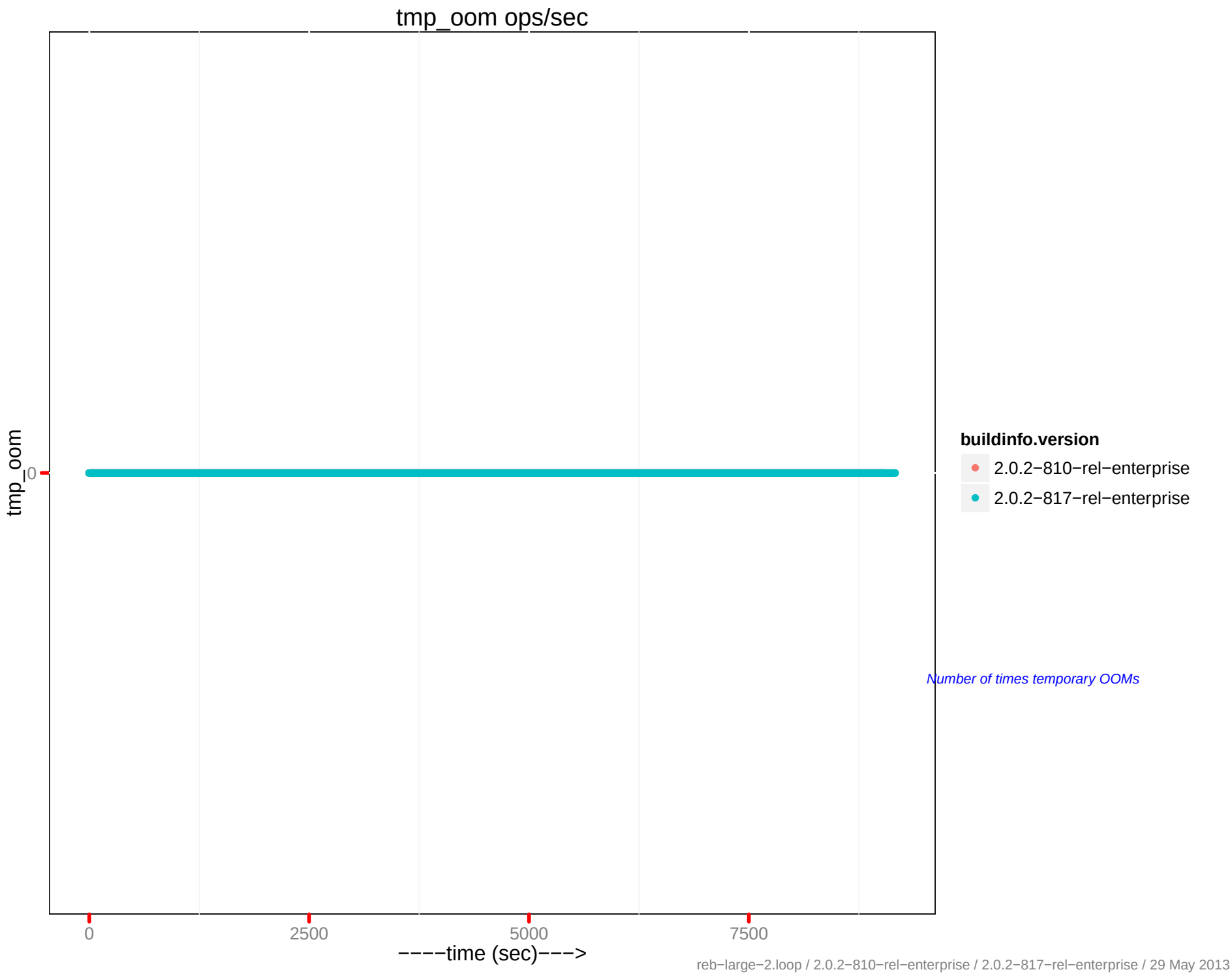

ns_server: ep_diskqueue_drain
ep_diskqueue_drain
58.59K
39.06K
19.53K
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Total number of items per second being written to disk in this bucket (from ns_server)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

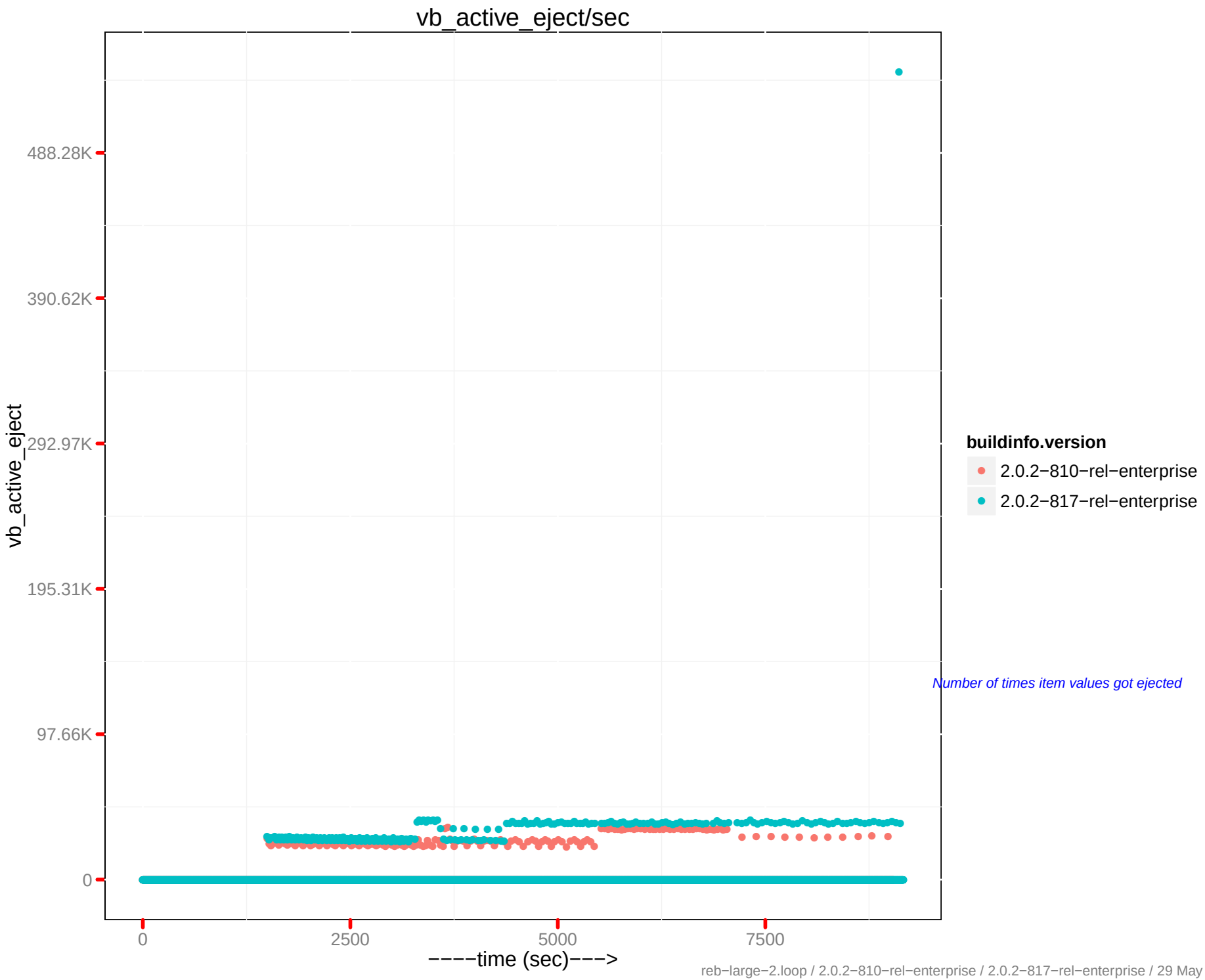

ep−engine : ep_diskqueue_drain − 172.23.96.11
ep_diskqueue_drain
1000.00
0
−1000
50
100
150
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

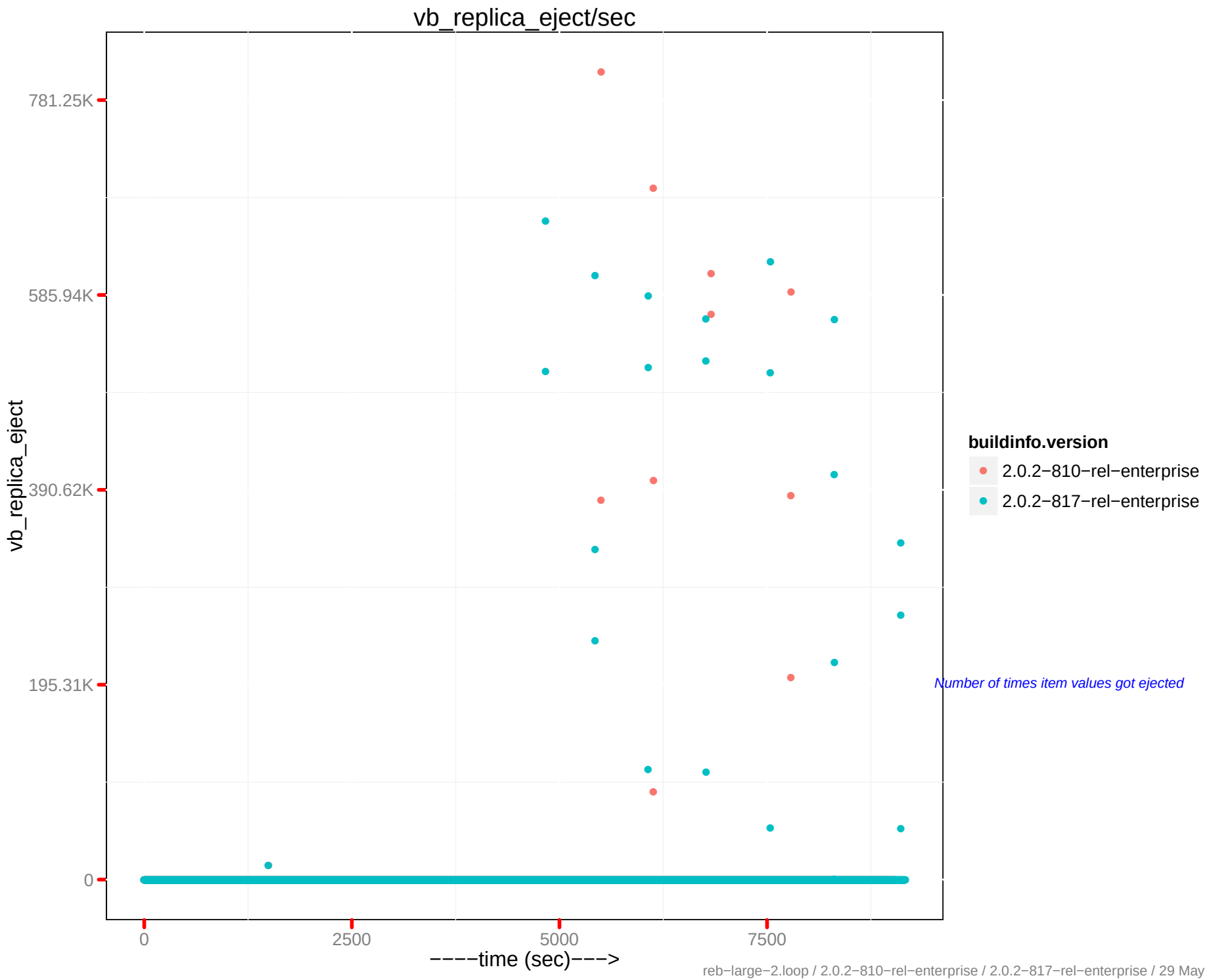

ep−engine : ep_diskqueue_drain − 172.23.96.12
1.95K
1000.00
0
−1000
ep_diskqueue_drain
350
400
450
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

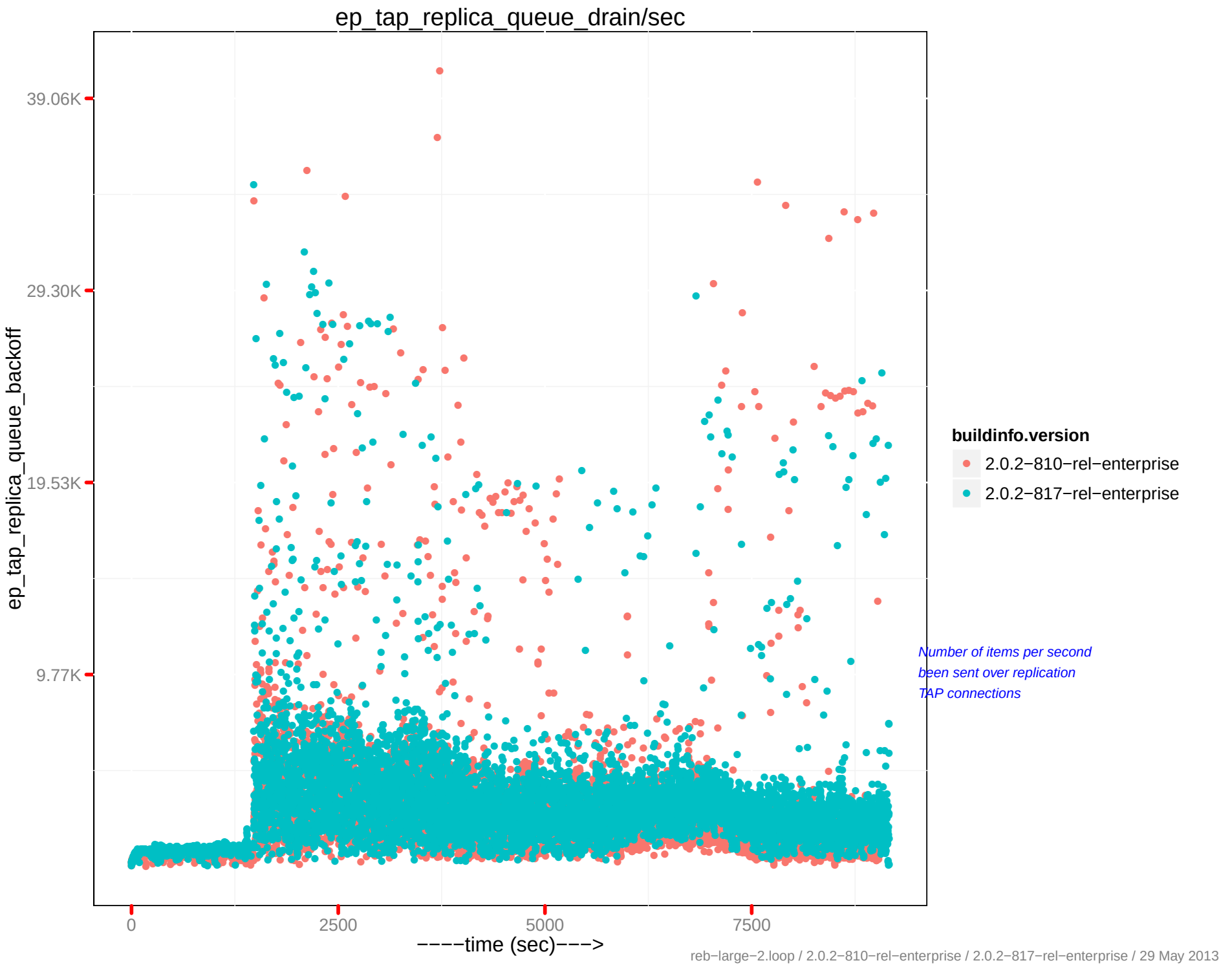

ep−engine : ep_diskqueue_drain − 172.23.96.13
ep_diskqueue_drain
1000.00
0
−1000
200
250
300
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

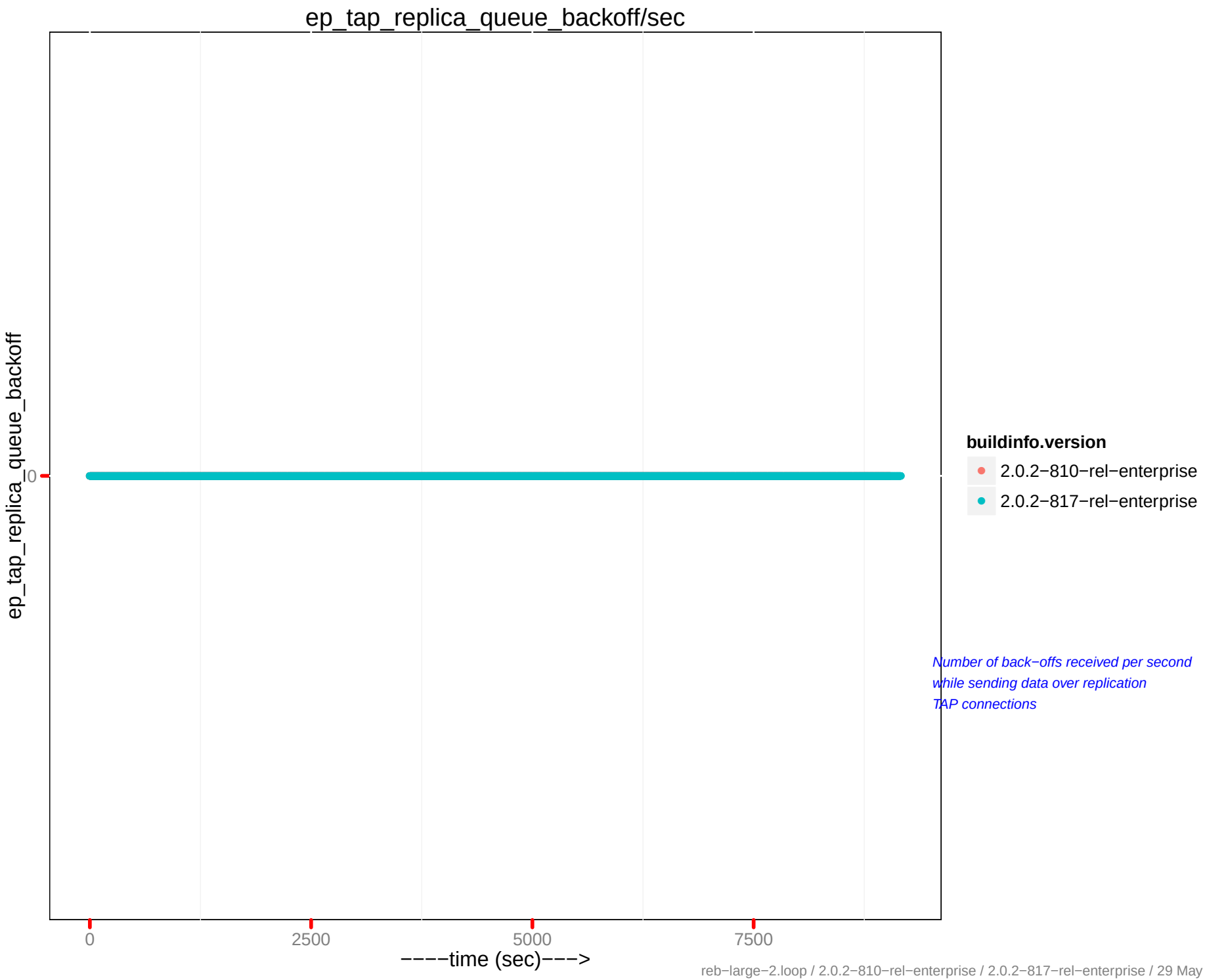

ep_bg_fetched ops/sec
ep_bg_fetched
50.00
40.00
30.00
20.00
10.00
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of items fetched from disk
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

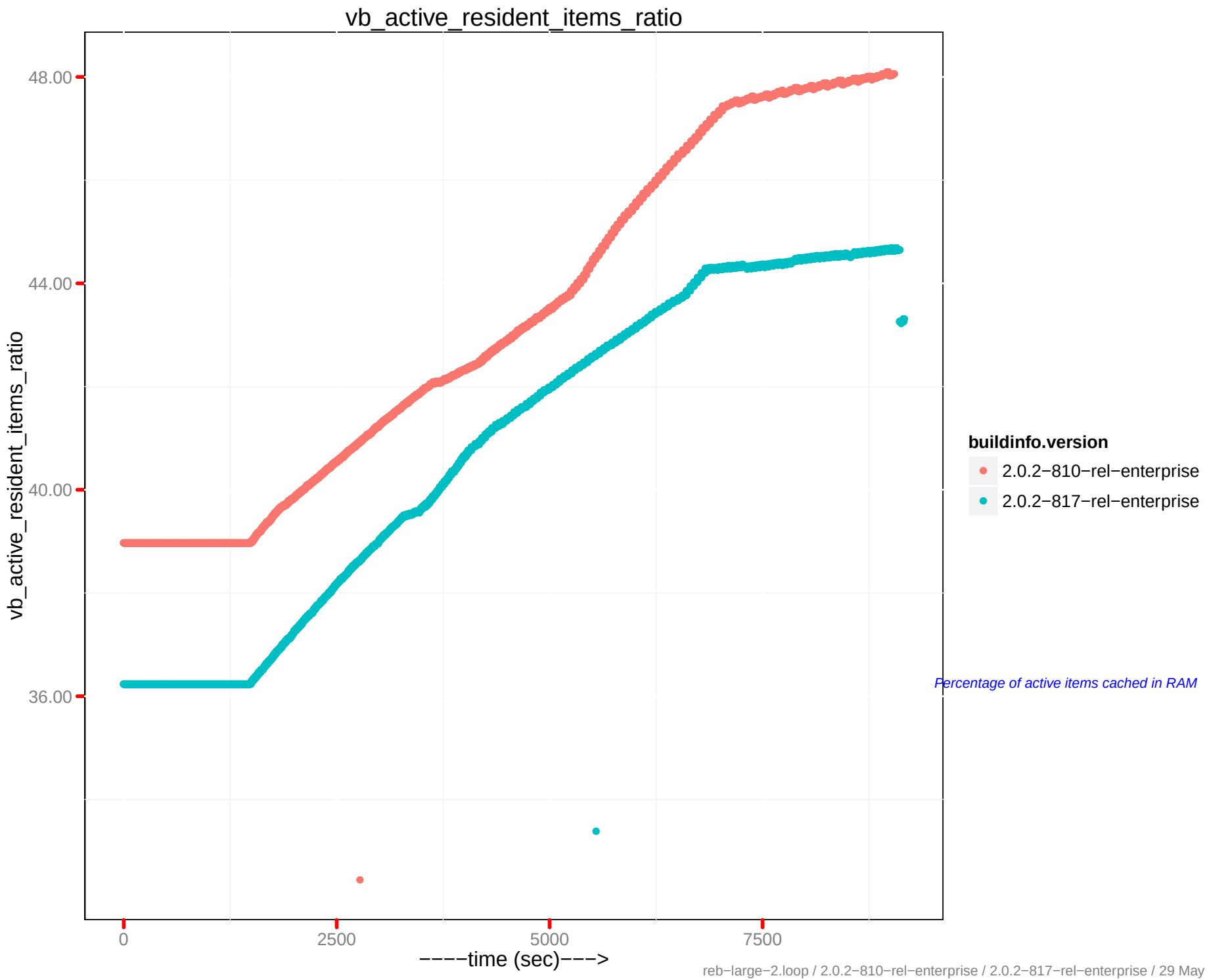

tmp_oom ops/sec
tmp_oom
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of times temporary OOMs
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

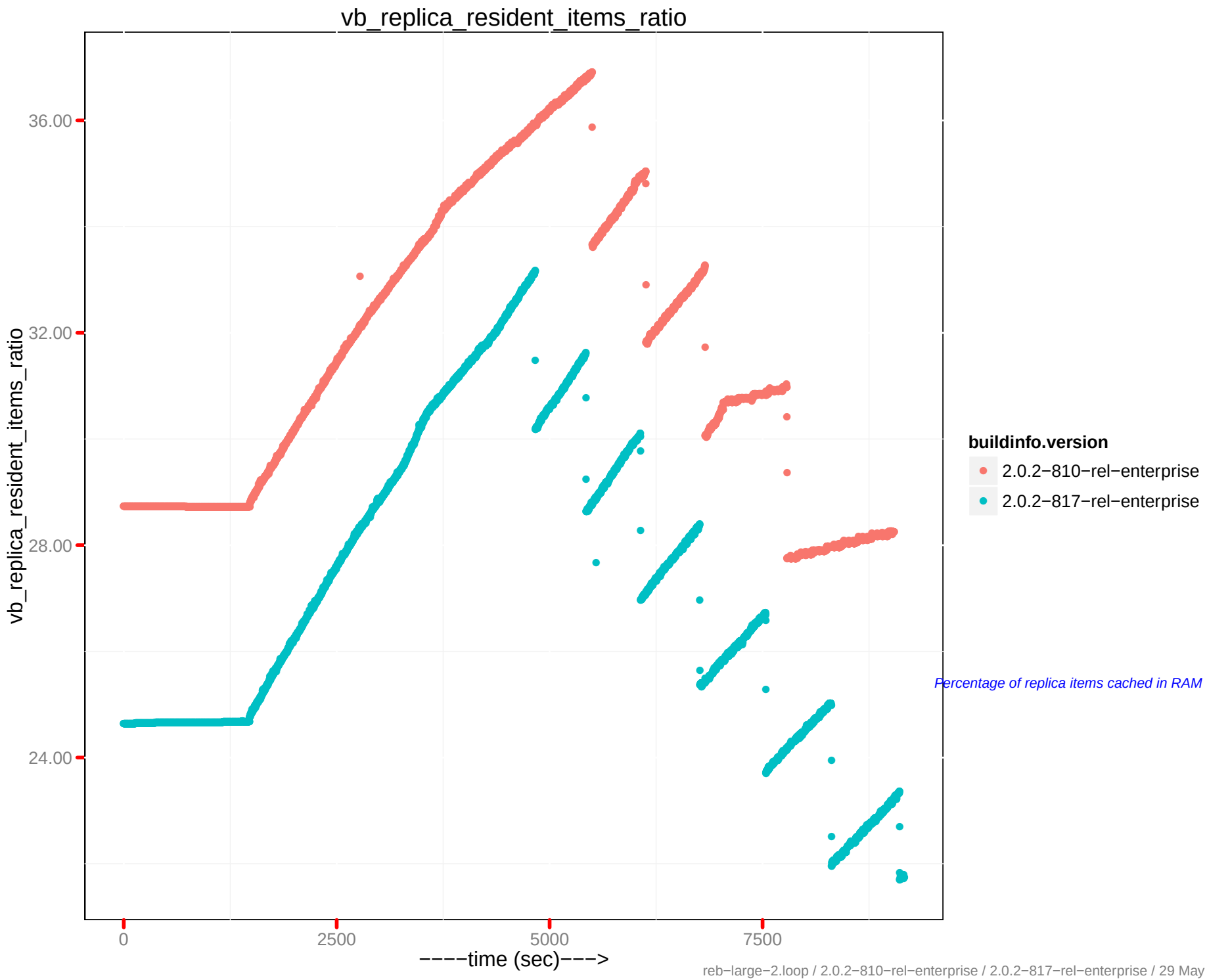

vb_active_eject/sec
488.28K
390.62K
292.97K
195.31K
97.66K
0
vb_active_eject
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of times item values got ejected
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

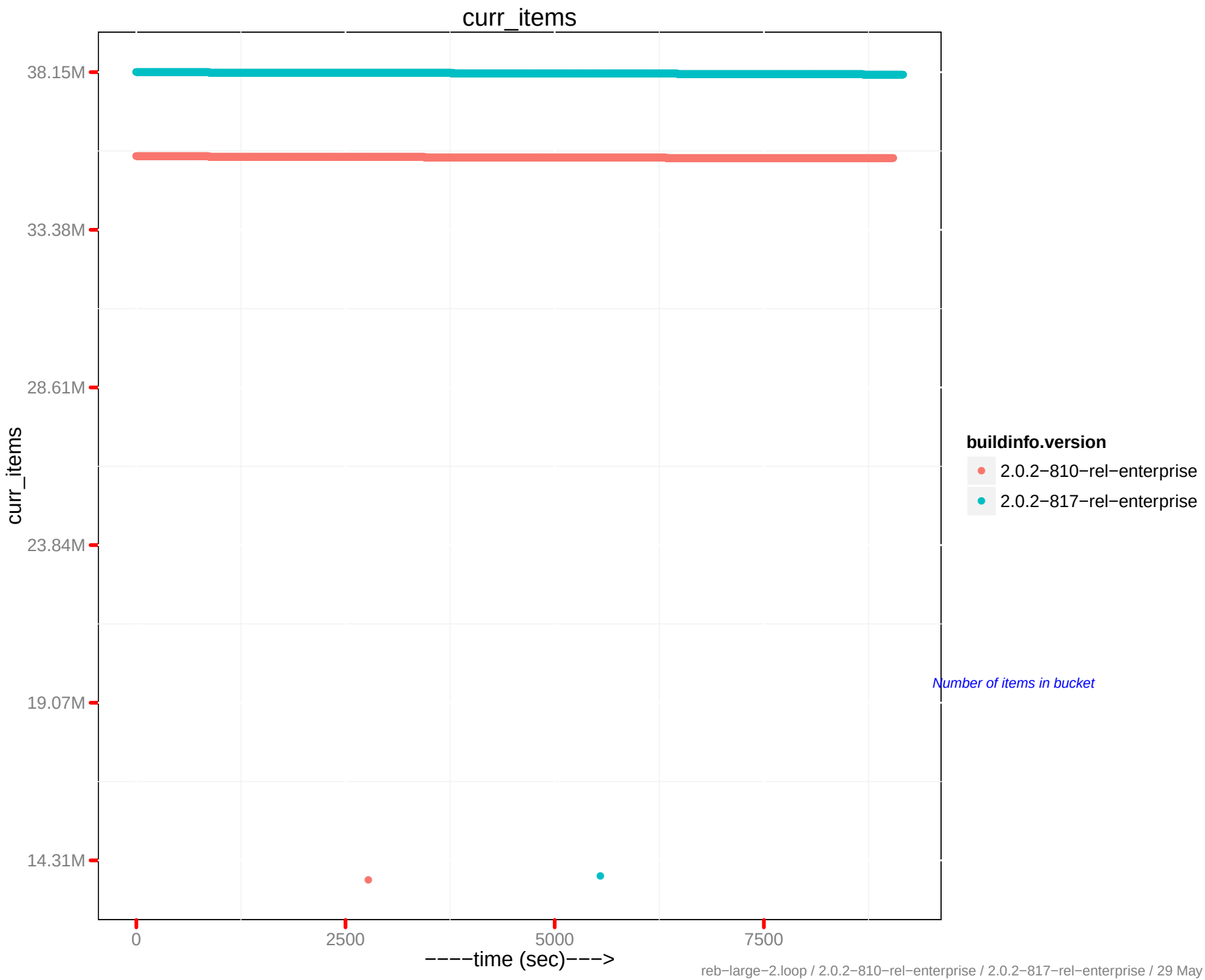

vb_replica_eject/sec
781.25K
585.94K
390.62K
195.31K
0
vb_replica_eject
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of times item values got ejected
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

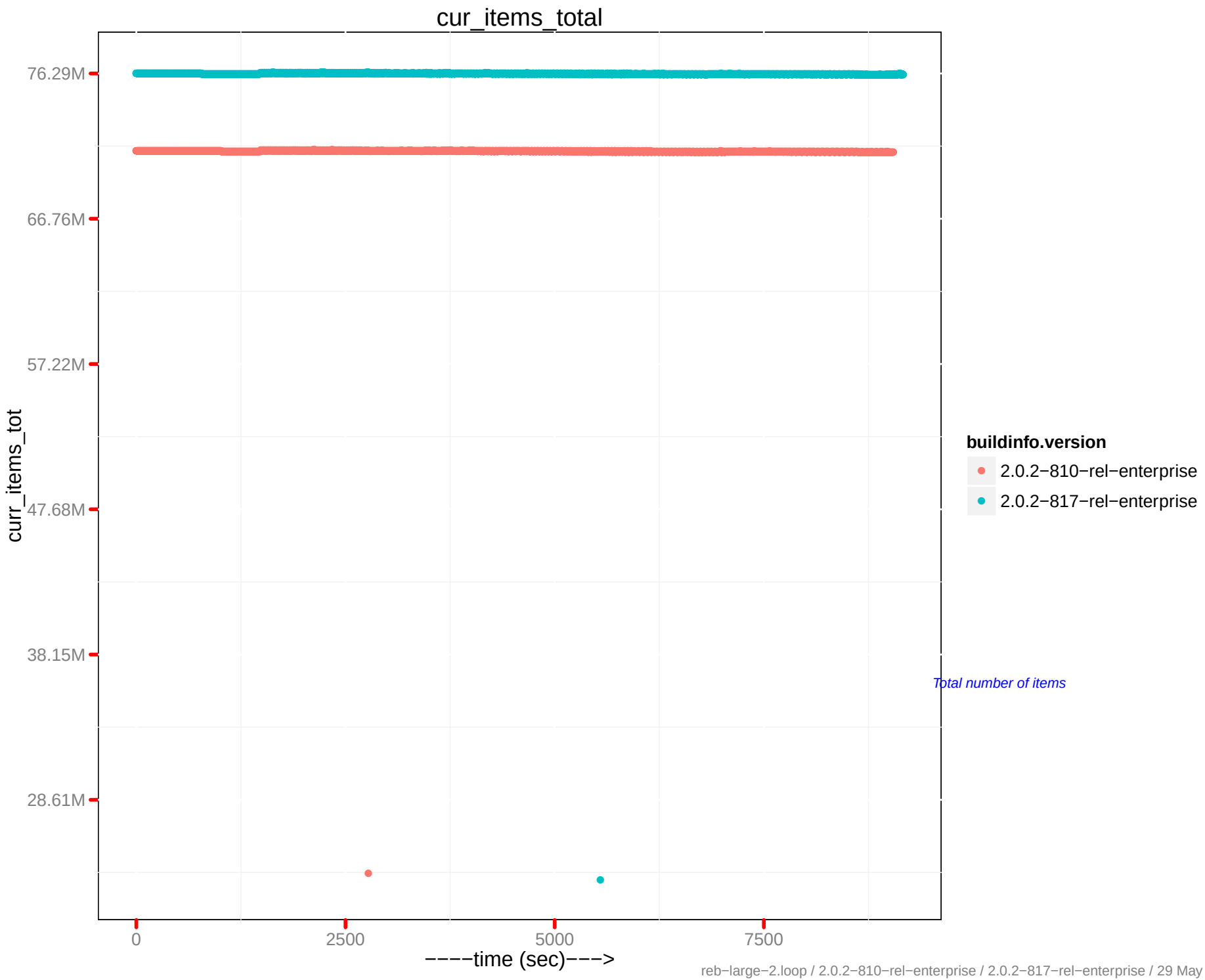

ep_tap_replica_queue_drain/sec
39.06K
29.30K
19.53K
9.77K
ep_tap_replica_queue_backoff
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of items per second
been sent over replication
TAP connections
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

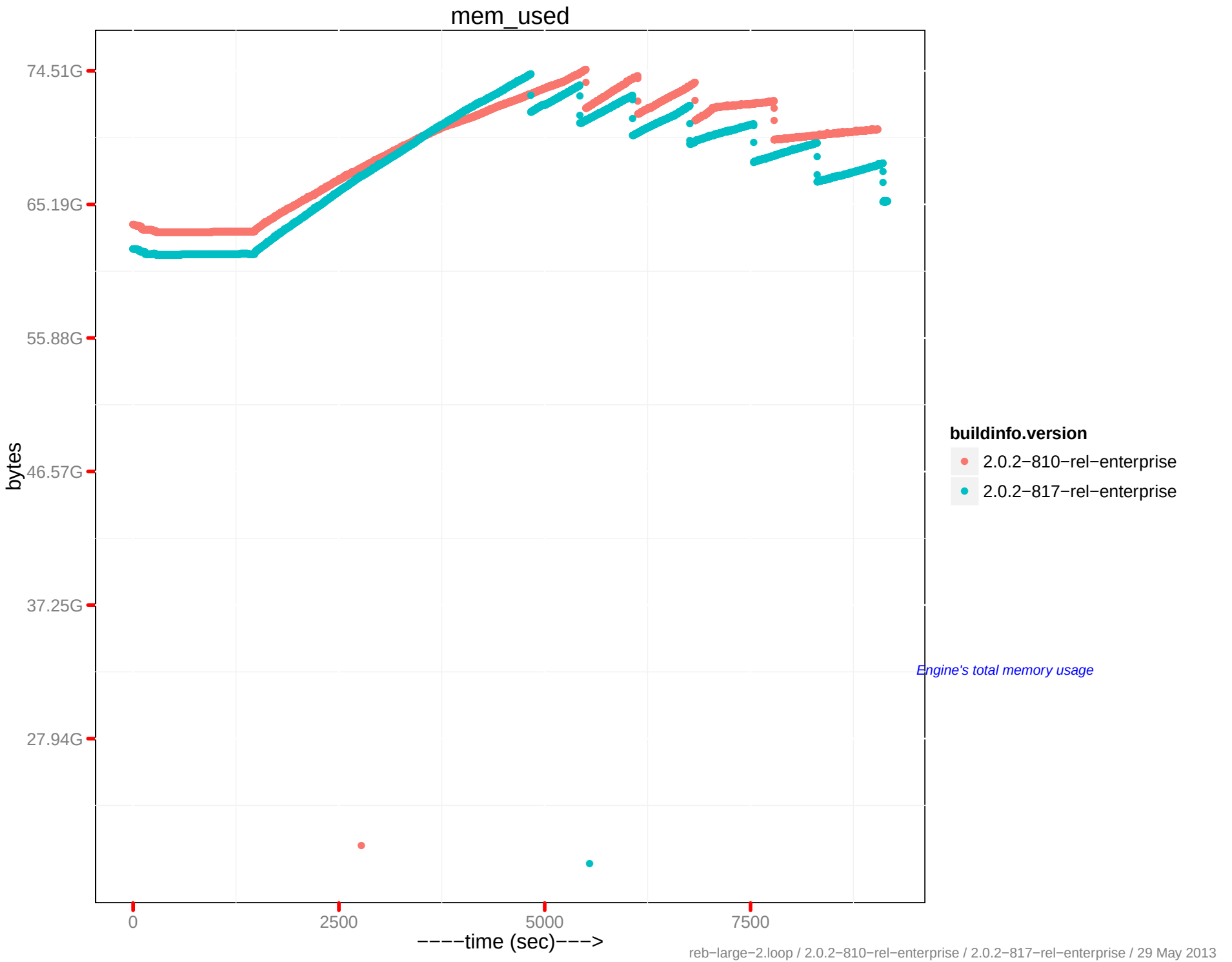

ep_tap_replica_queue_backoff/sec
ep_tap_replica_queue_backoff
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of back-offs received per second
while sending data over replication
TAP connections
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

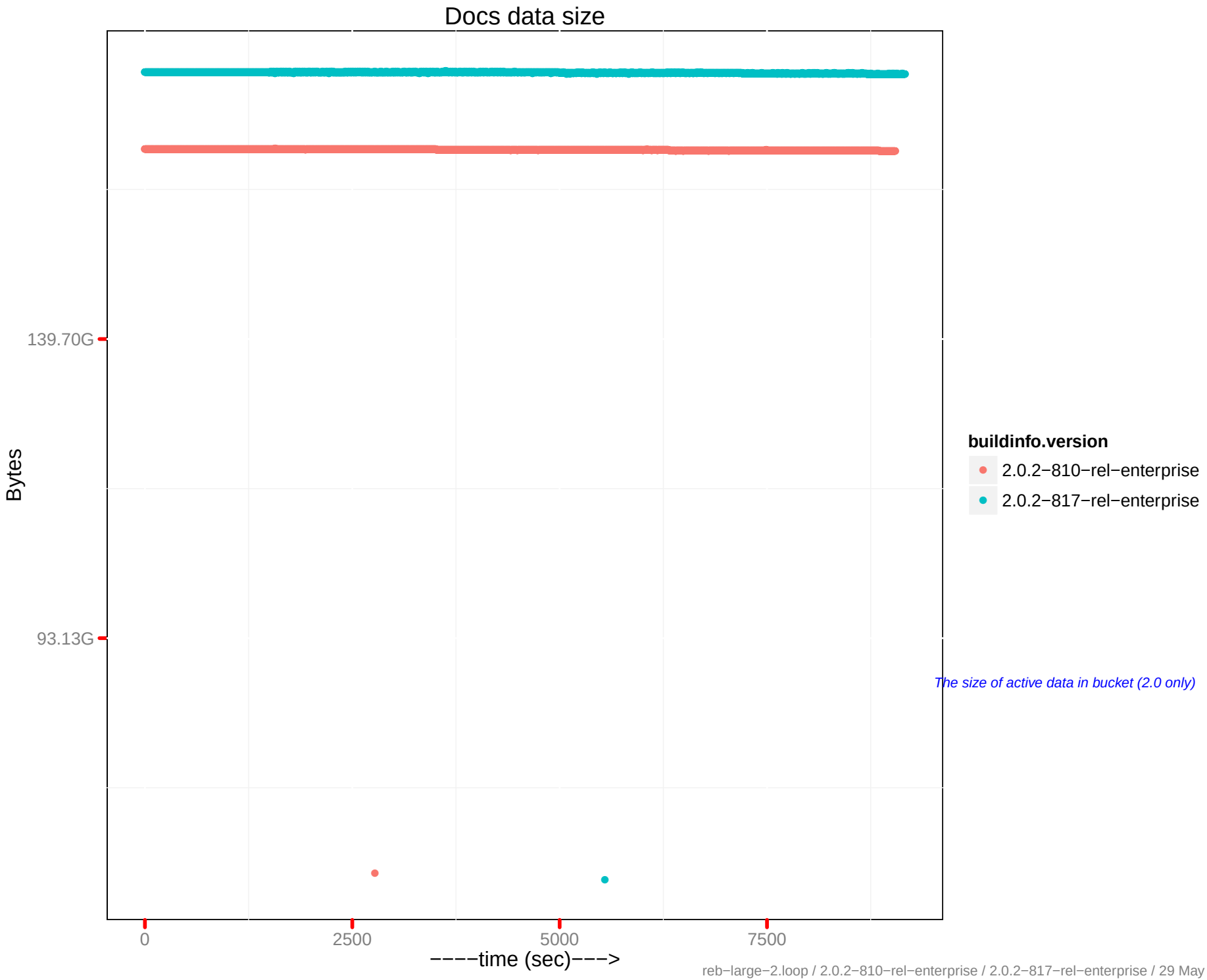

vb_active_resident_items_ratio
48.00
44.00
40.00
36.00
vb_active_resident_items_ratio
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Percentage of active items cached in RAM
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

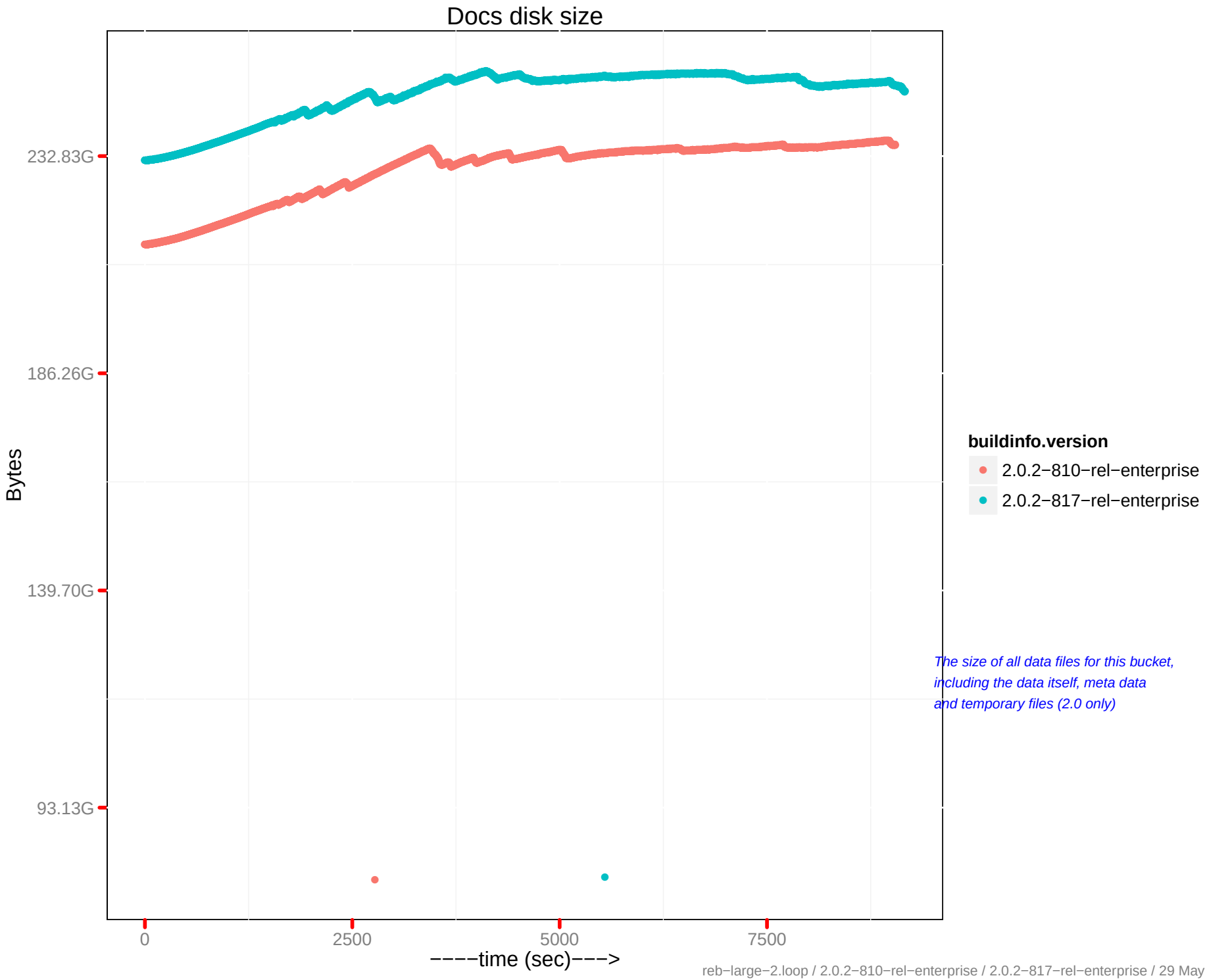

vb_replica_resident_items_ratio
36.00
32.00
28.00
24.00
vb_replica_resident_items_ratio
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Percentage of replica items cached in RAM
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

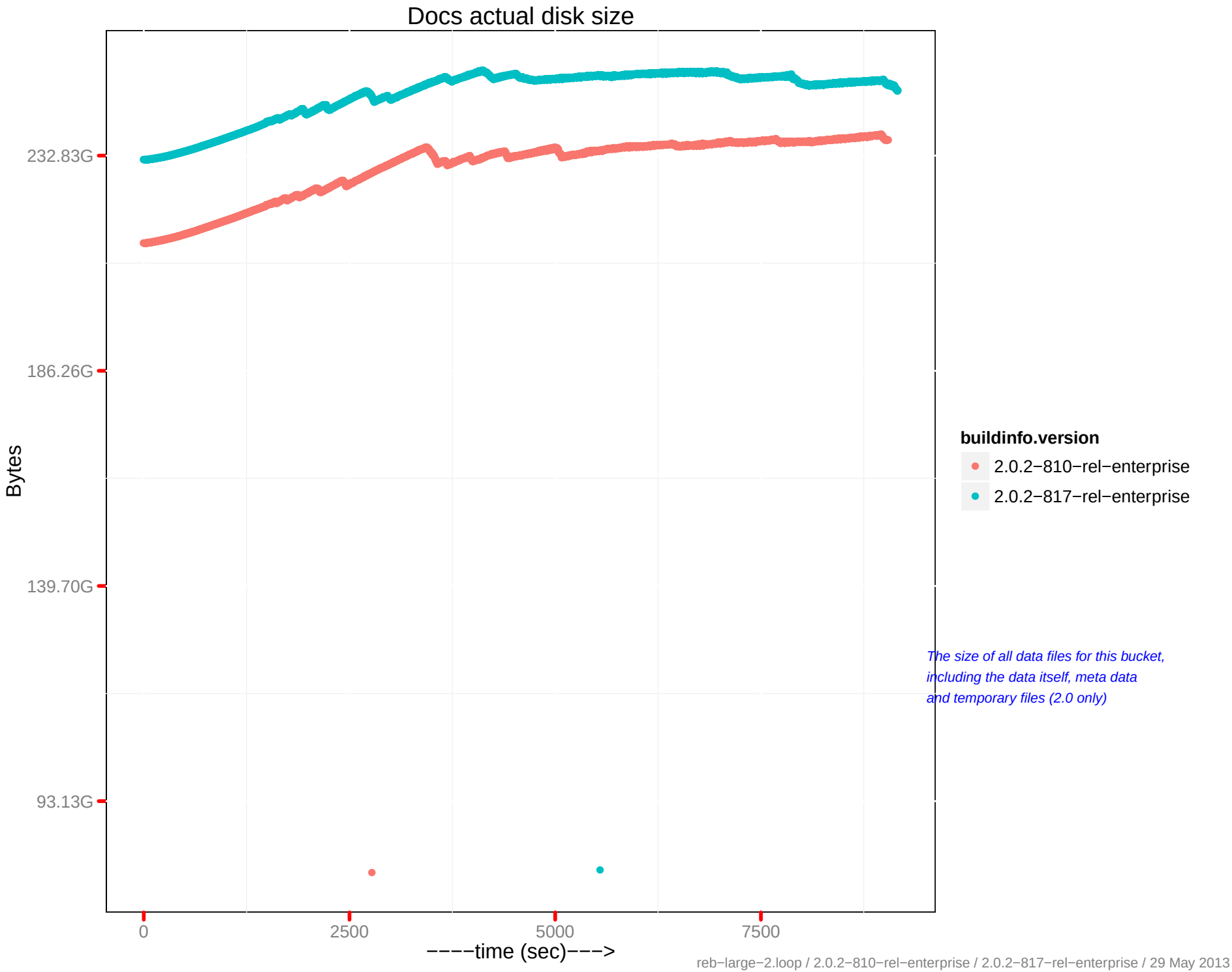

curr_items
38.15M
33.38M
28.61M
23.84M
19.07M
14.31M
curr_items
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of items in bucket
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

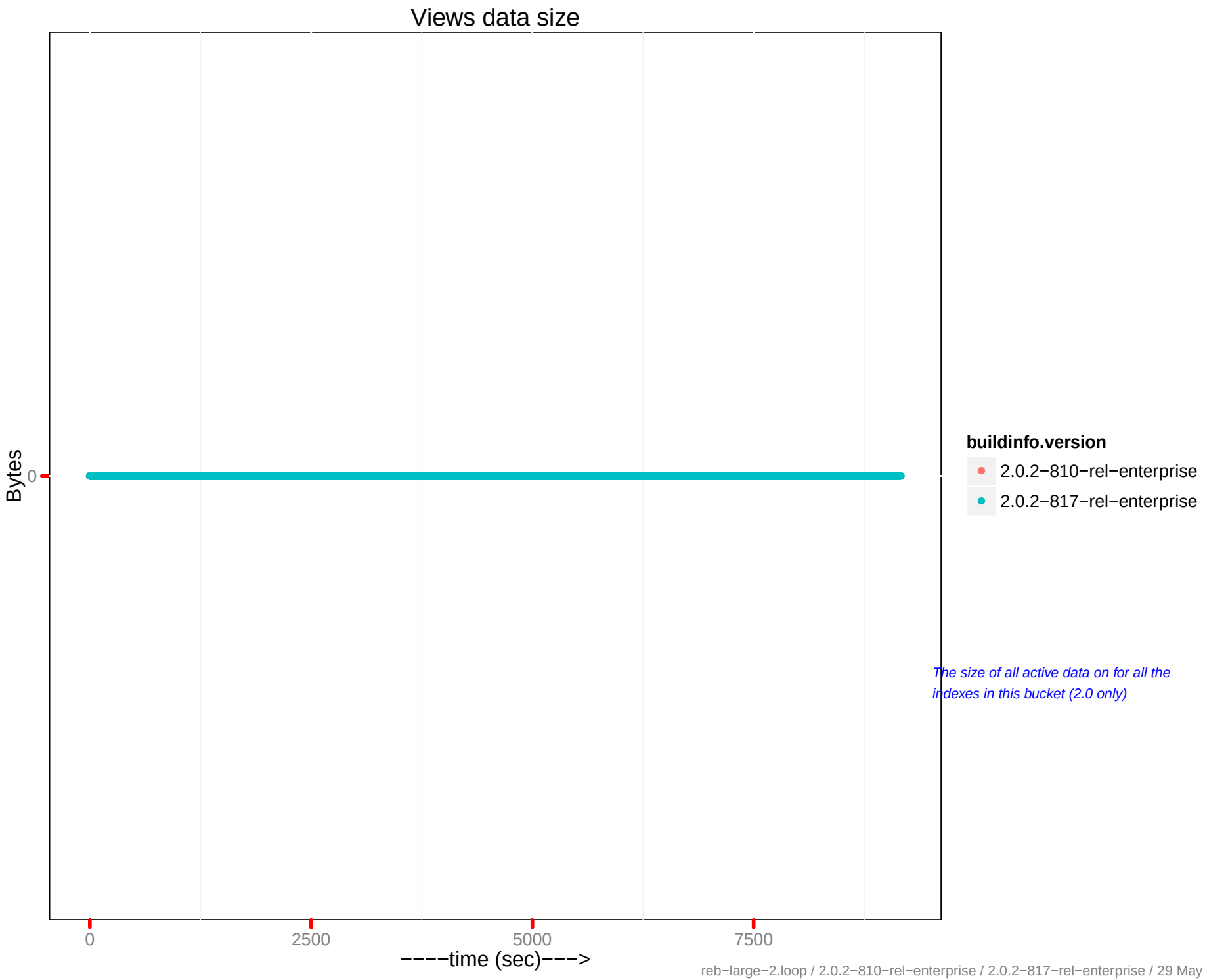

cur_items_total
76.29M
66.76M
57.22M
47.68M
38.15M
28.61M
curr_items_tot
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Total number of items
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

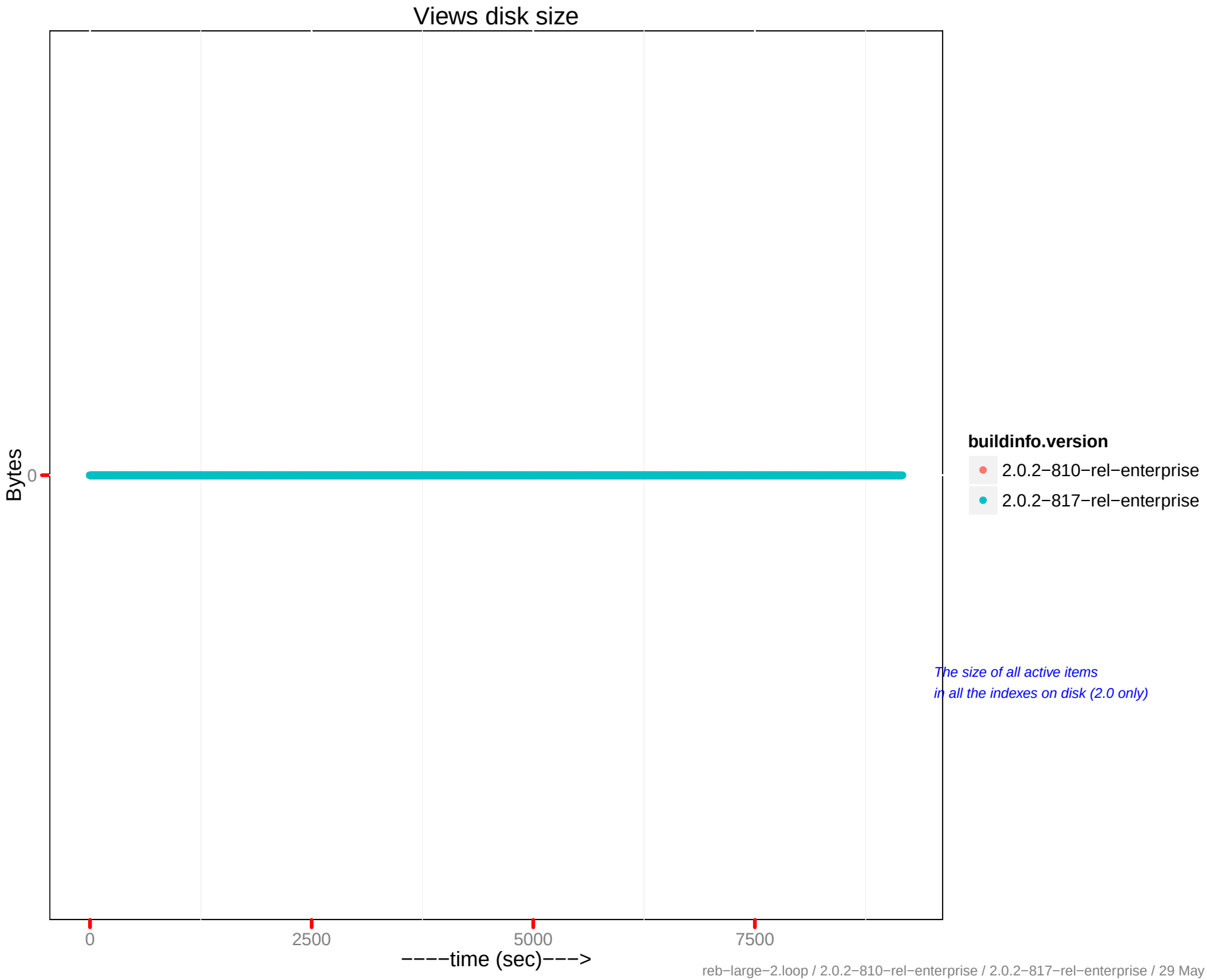

mem_used
74.51G
65.19G
55.88G
46.57G
37.25G
27.94G
bytes
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Engine's total memory usage
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

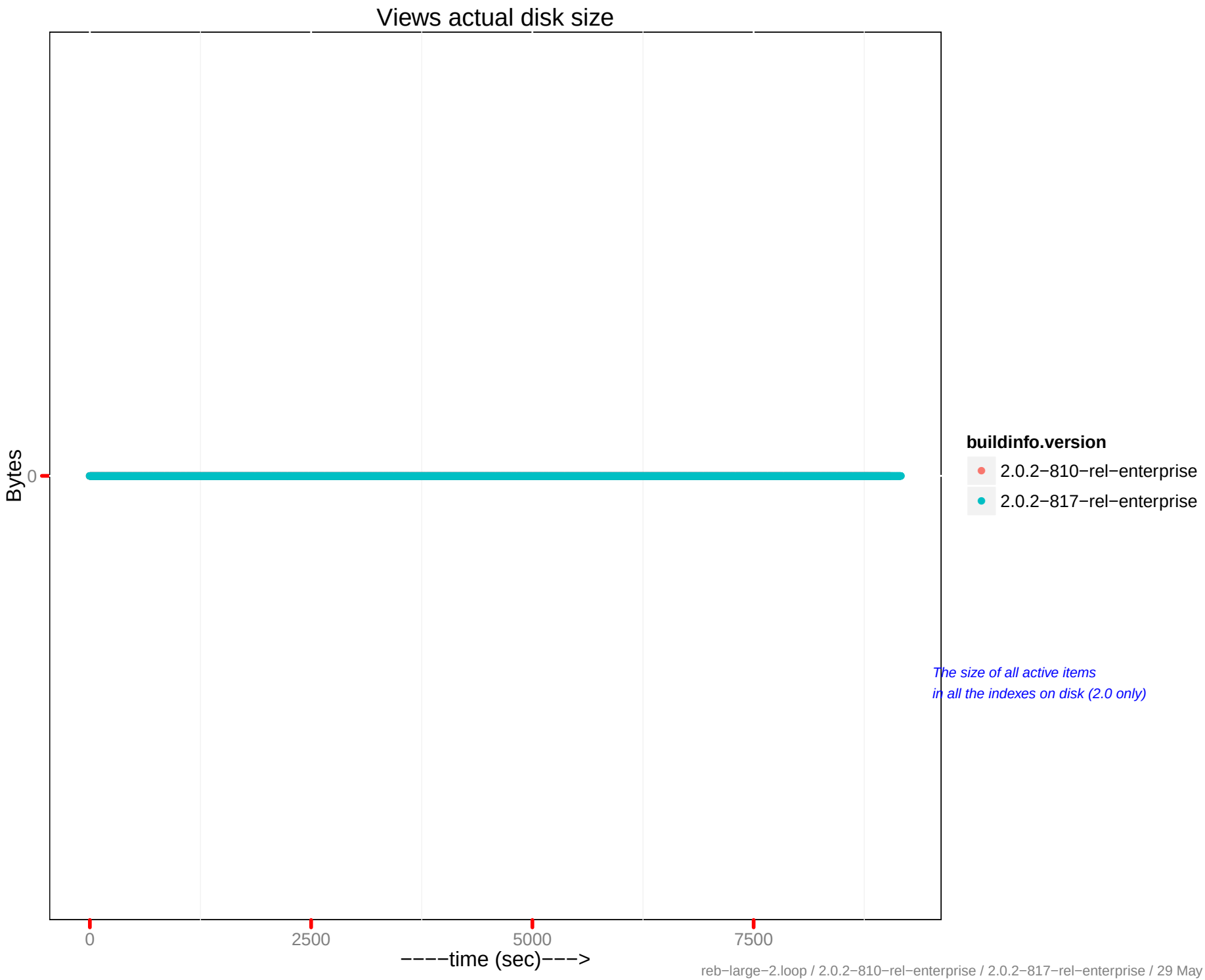

Docs data size
139.70G
93.13G
Bytes
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
The size of active data in bucket (2.0 only)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

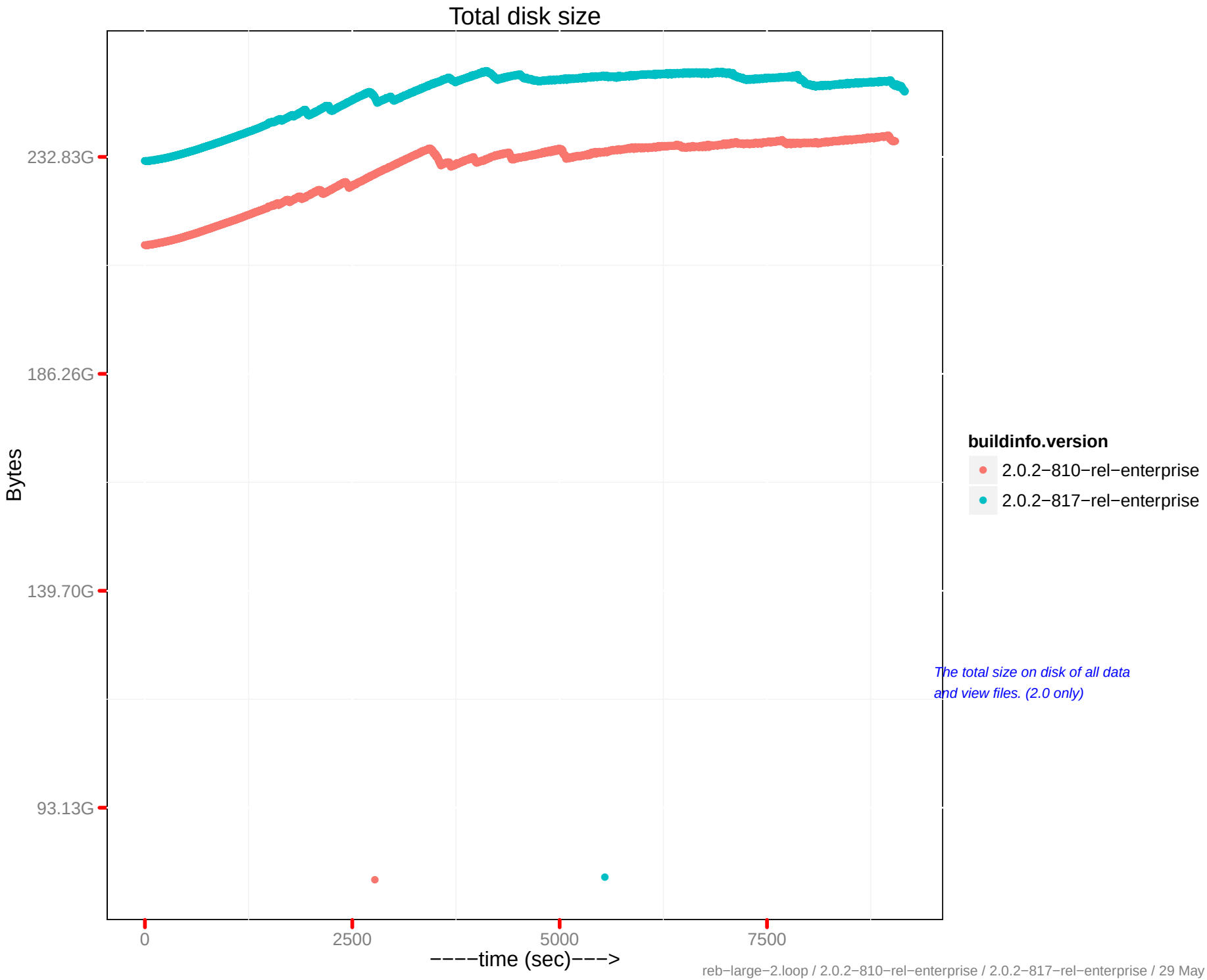

Docs disk size
232.83G
186.26G
139.70G
93.13G
Bytes
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
The size of all data files for this bucket, including the data itself, meta data and temporary files (2.0 only)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

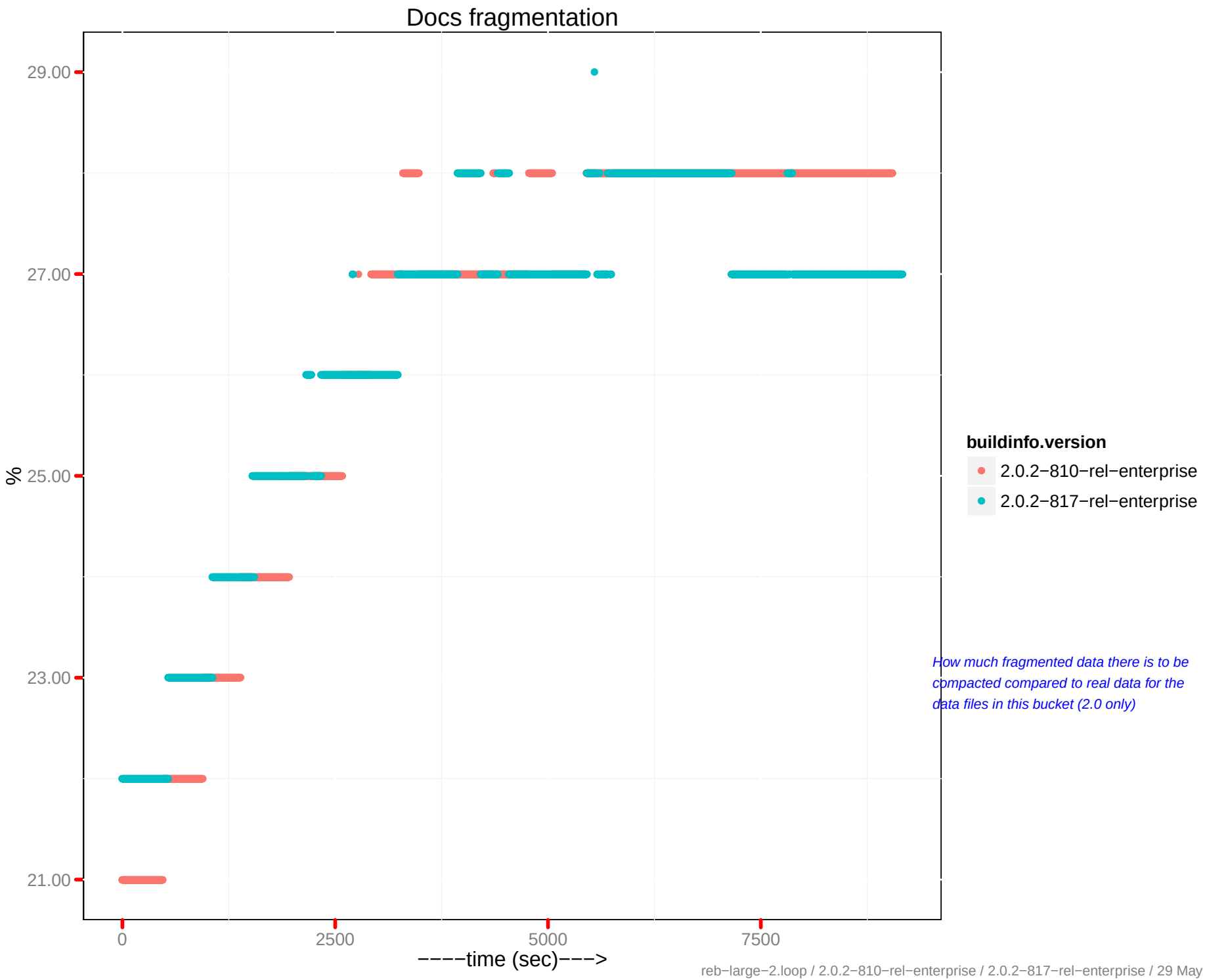

Docs actual disk size
232.83G
186.26G
139.70G
93.13G
Bytes
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
The size of all data files for this bucket, including the data itself, meta data and temporary files (2.0 only)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

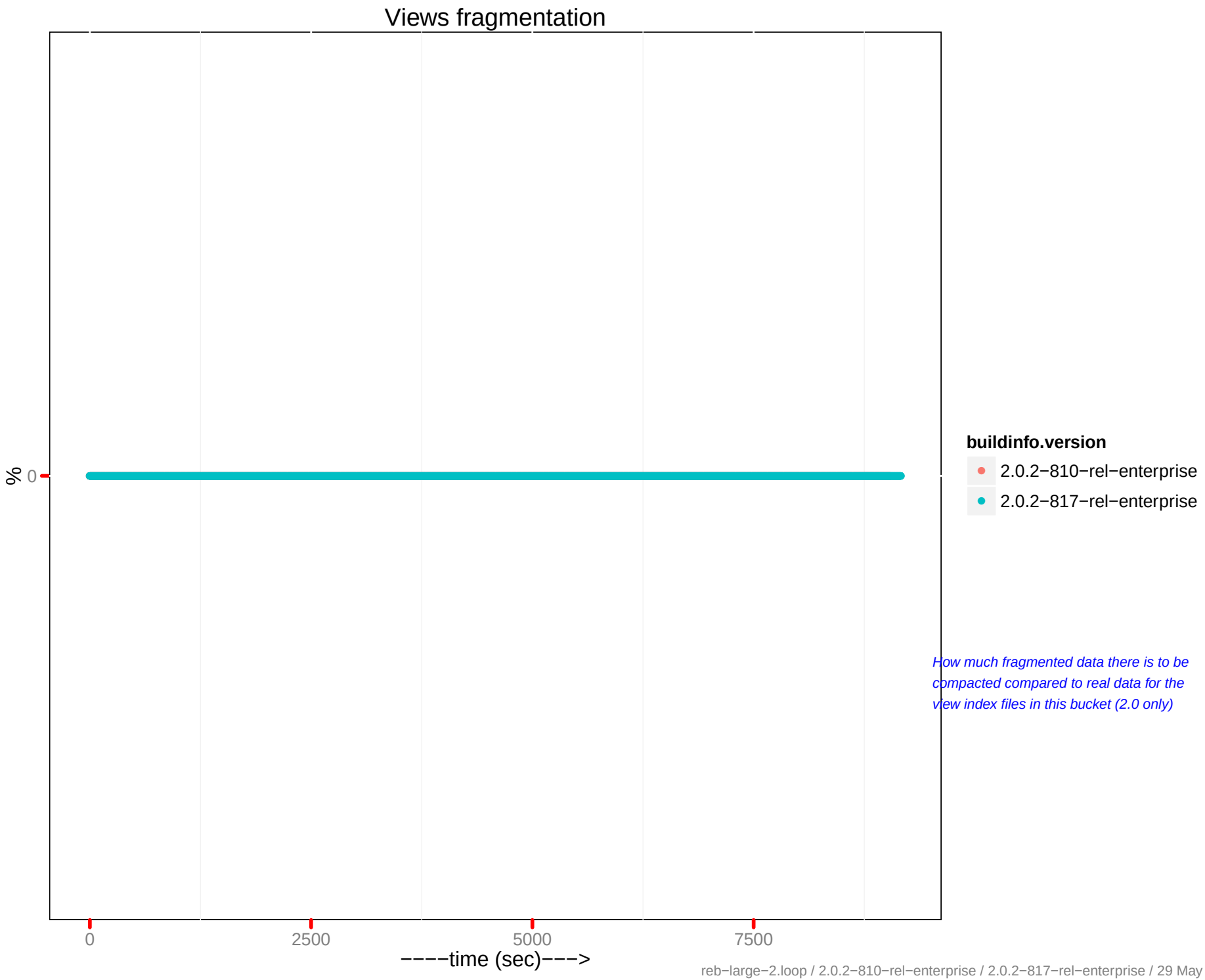

Views data size
Bytes
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
The size of all active data on for all the indexes in this bucket (2.0 only)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

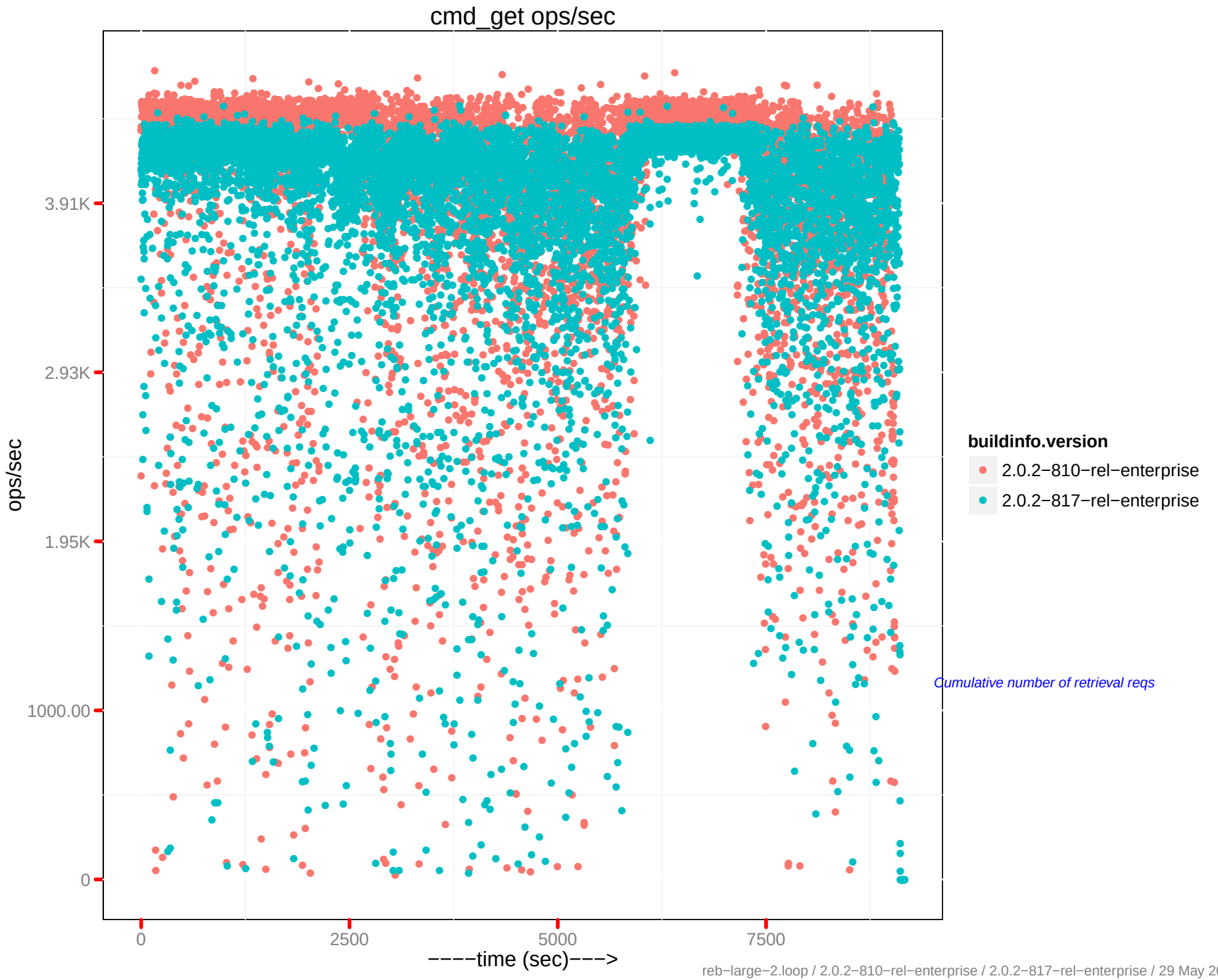

Views disk size
Bytes
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
The size of all active items
in all the indexes on disk (2.0 only)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

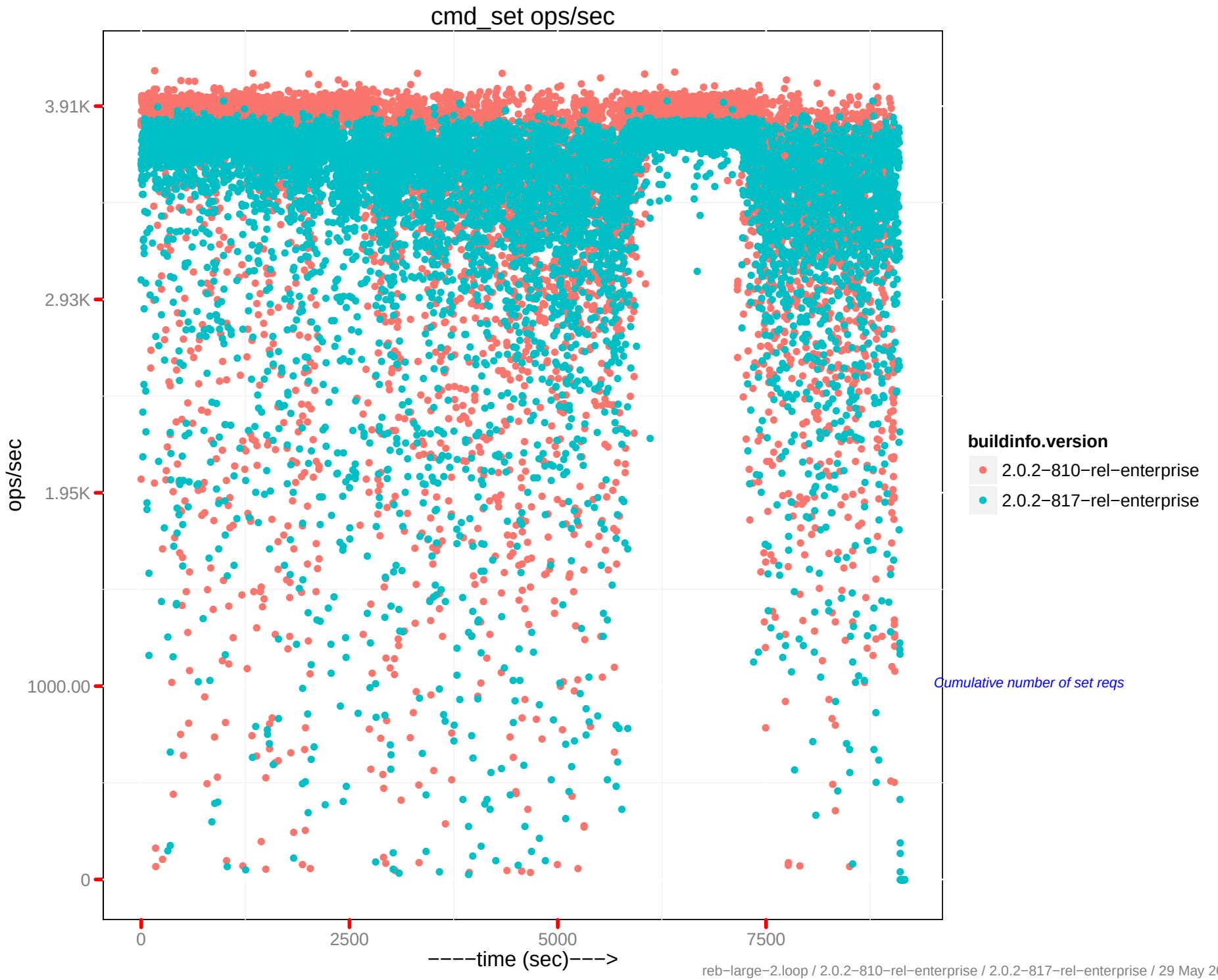

Views actual disk size
Bytes
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
The size of all active items
in all the indexes on disk (2.0 only)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

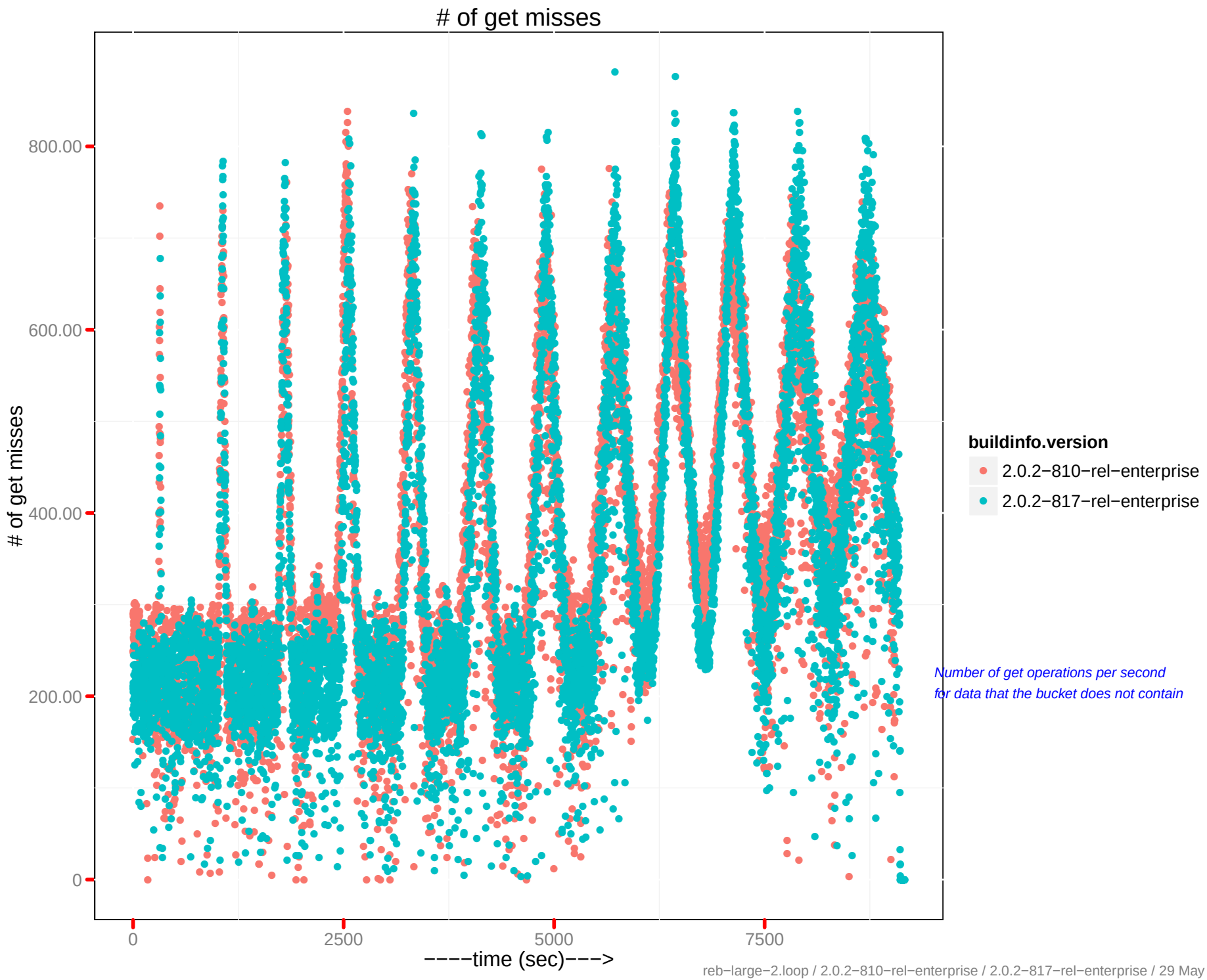

Total disk size
232.83G
186.26G
139.70G
93.13G
Bytes
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
The total size on disk of all data and view files. (2.0 only)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

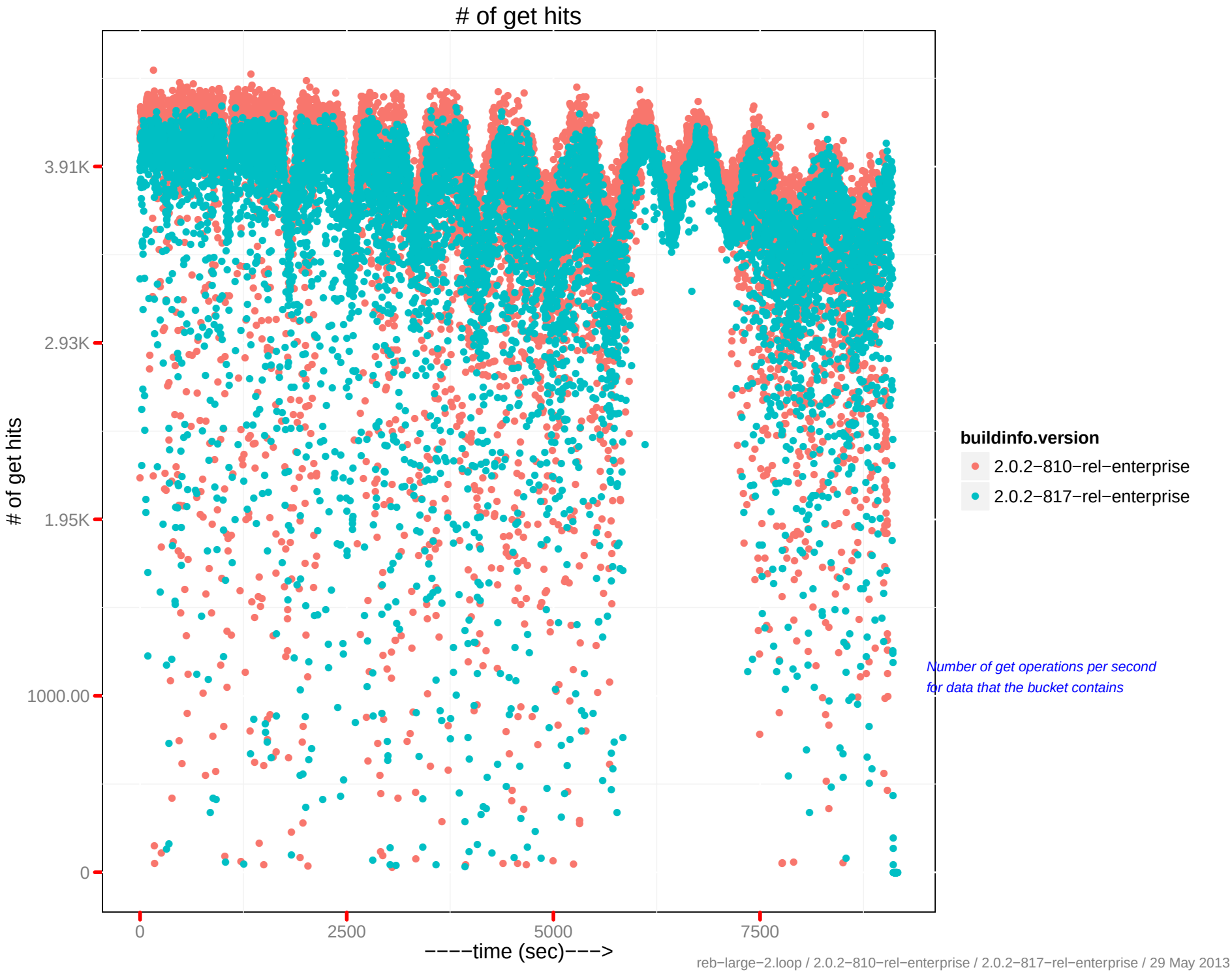

Docs fragmentation
29.00
27.00
25.00
23.00
21.00
%
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
How much fragmented data there is to be compacted compared to real data for the data files in this bucket (2.0 only)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

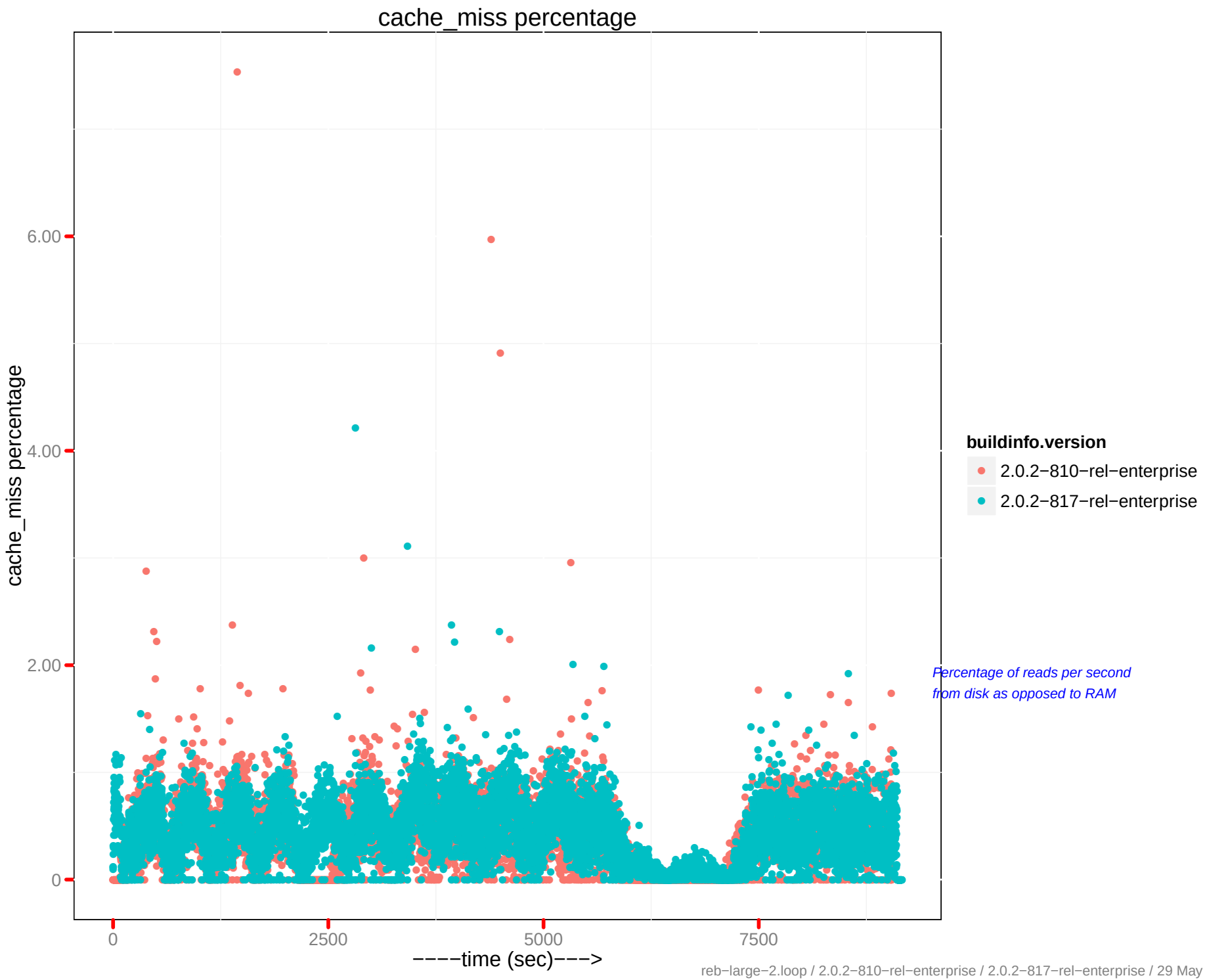

Views fragmentation
% 0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
How much fragmented data there is to be compacted compared to real data for the view index files in this bucket (2.0 only)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

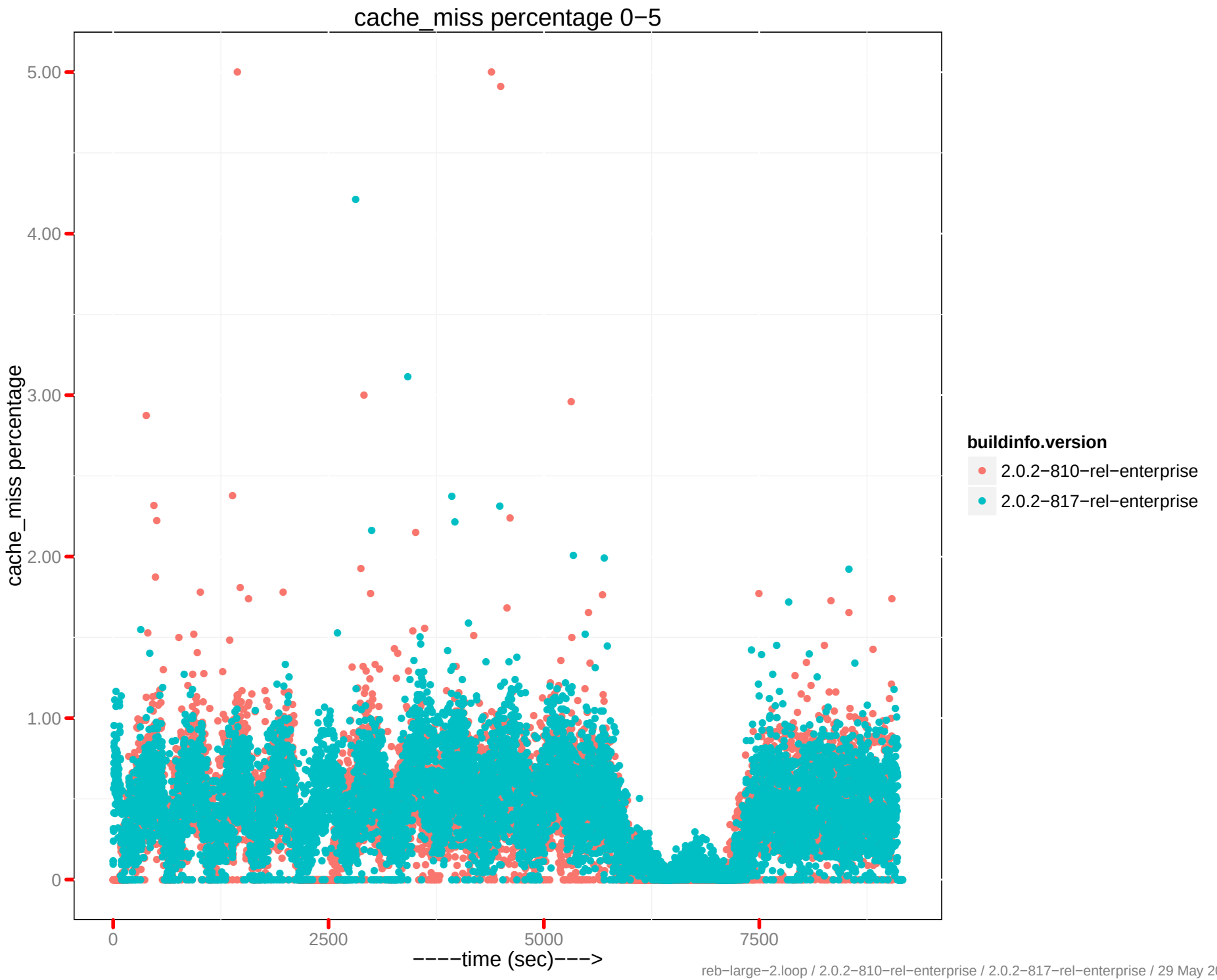

cmd_get ops/sec
ops/sec
3.91K
2.93K
1.95K
1000.00
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Cumulative number of retrieval reqs
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

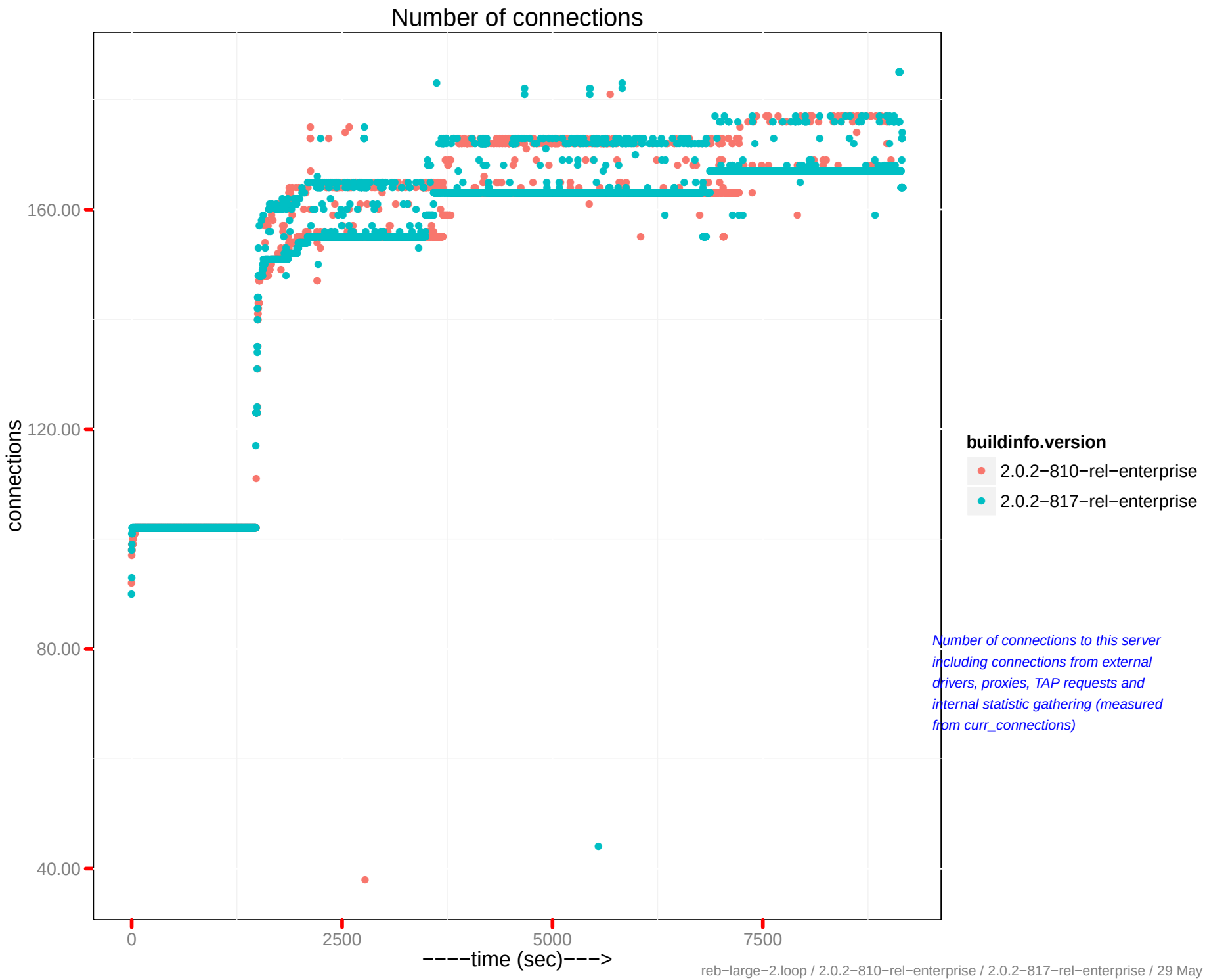

cmd_set ops/sec
3.91K
2.93K
1.95K
1000.00
0
ops/sec
0
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Cumulative number of set reqs
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

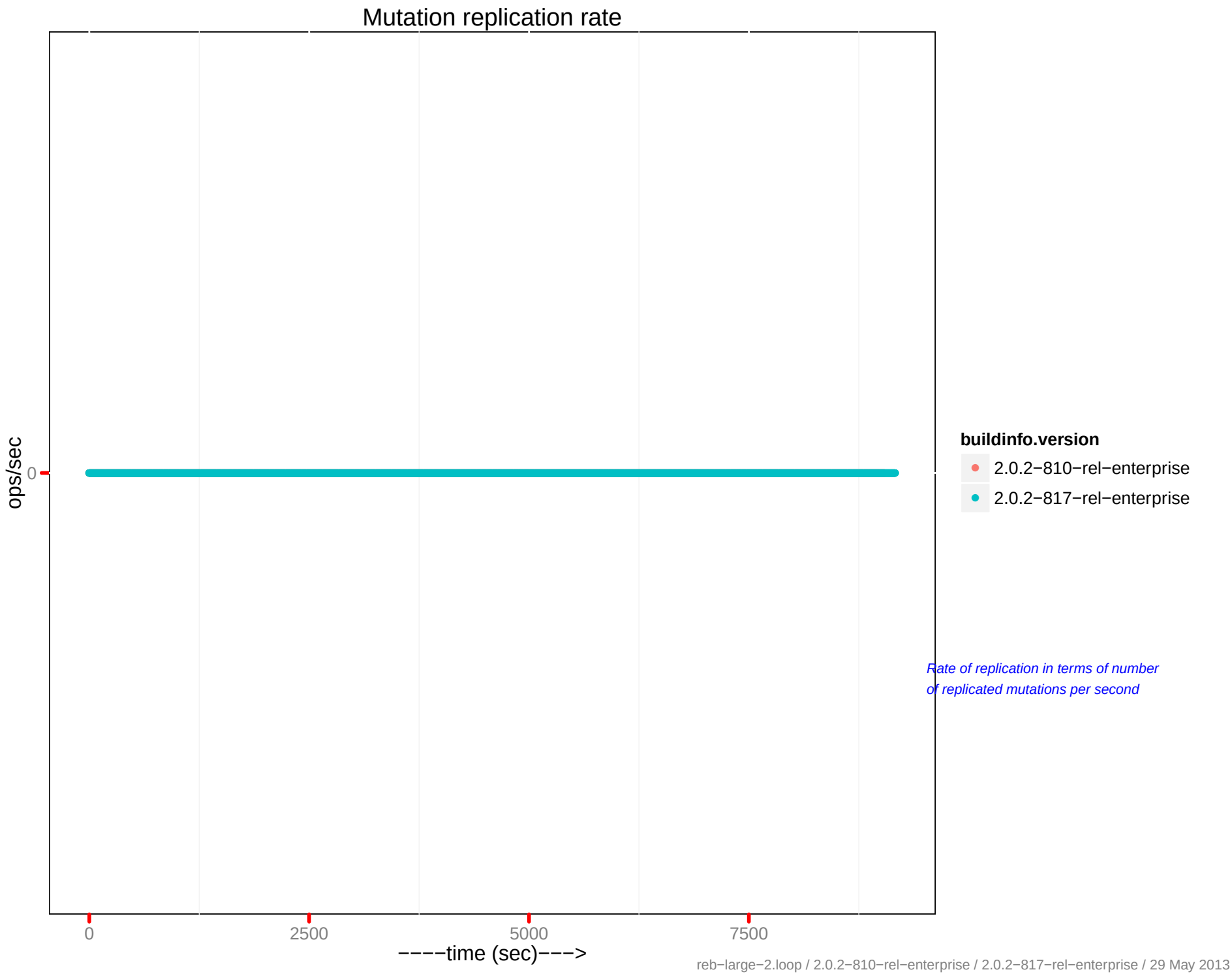

# of get misses
800.00
600.00
400.00
200.00
0
# of get misses
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of get operations per second
for data that the bucket does not contain
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

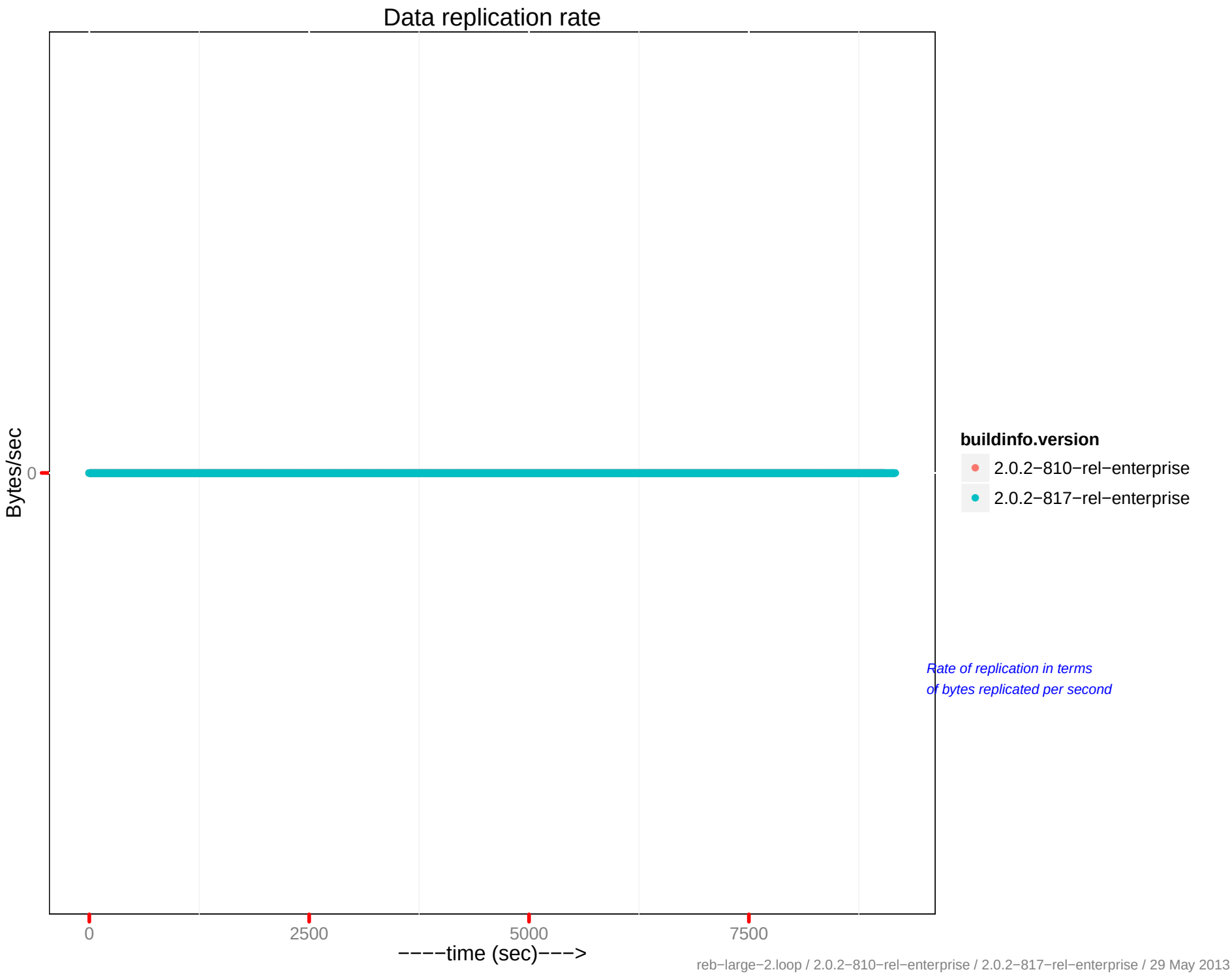

# of get hits
3.91K
2.93K
1.95K
1000.00
0
# of get hits
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of get operations per second
for data that the bucket contains
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

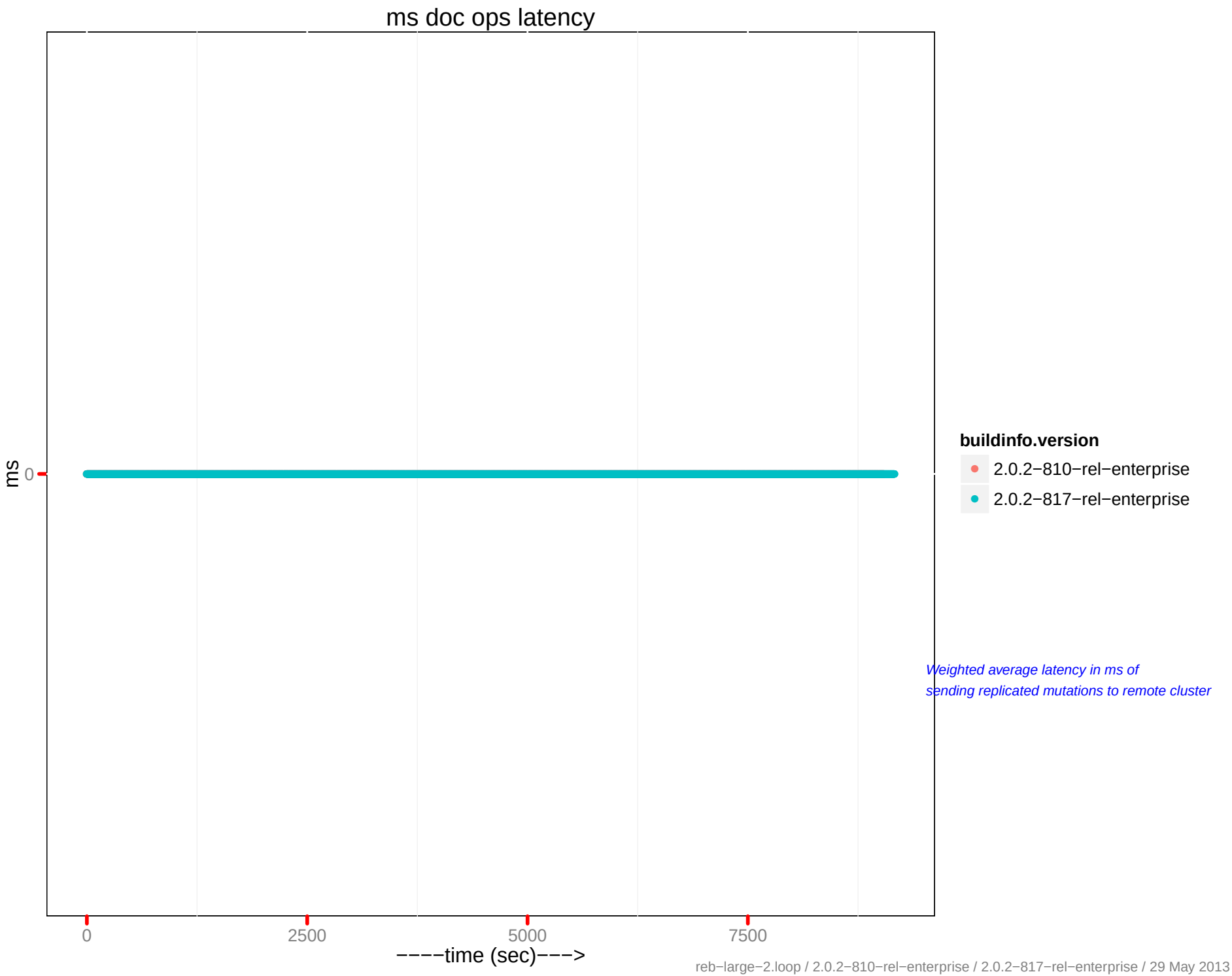

cache_miss percentage
cache_miss percentage
6.00
4.00
2.00
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Percentage of reads per second
from disk as opposed to RAM
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

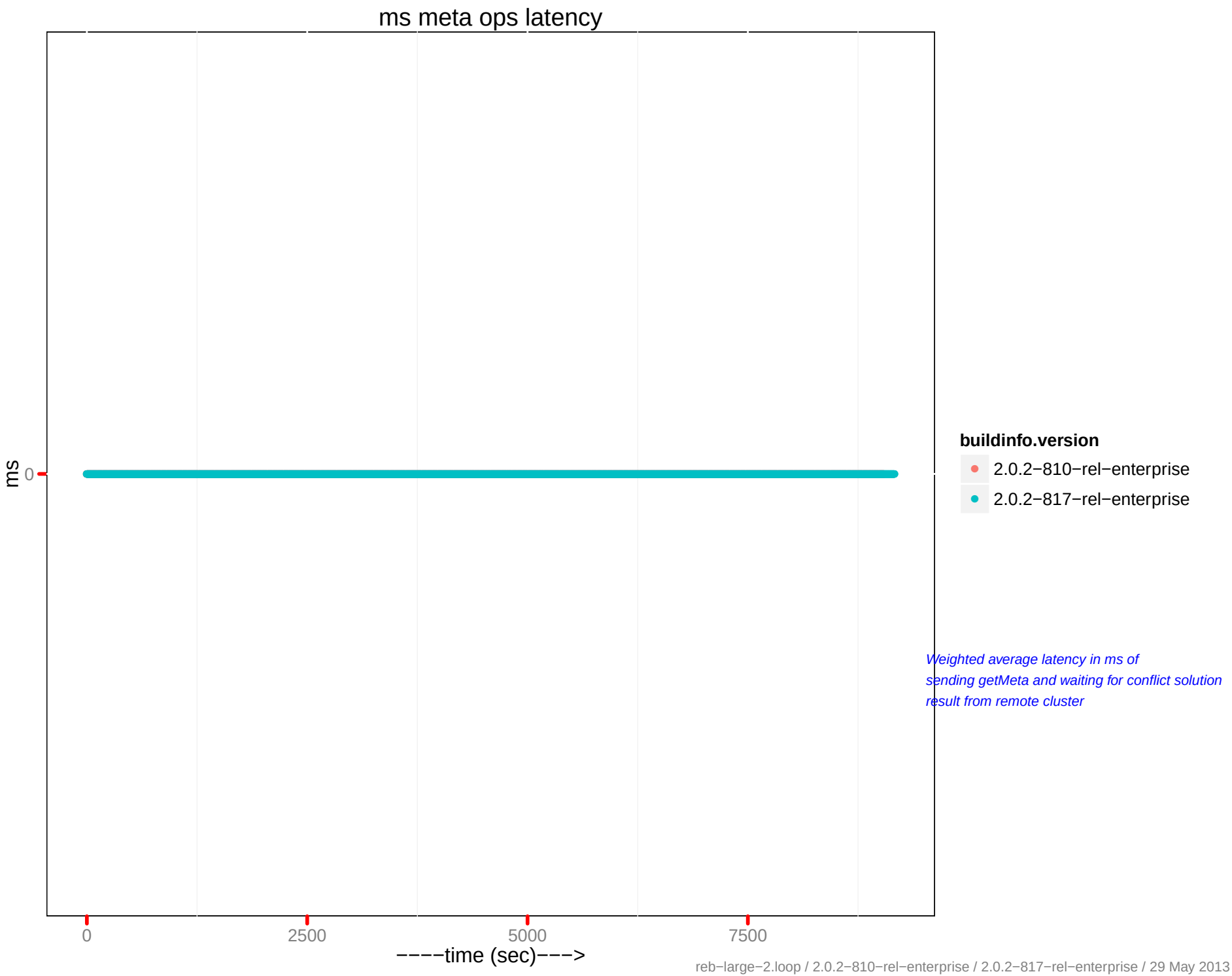

cache_miss percentage 0−5
5.00
4.00
3.00
2.00
1.00
0
cache_miss percentage
0
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

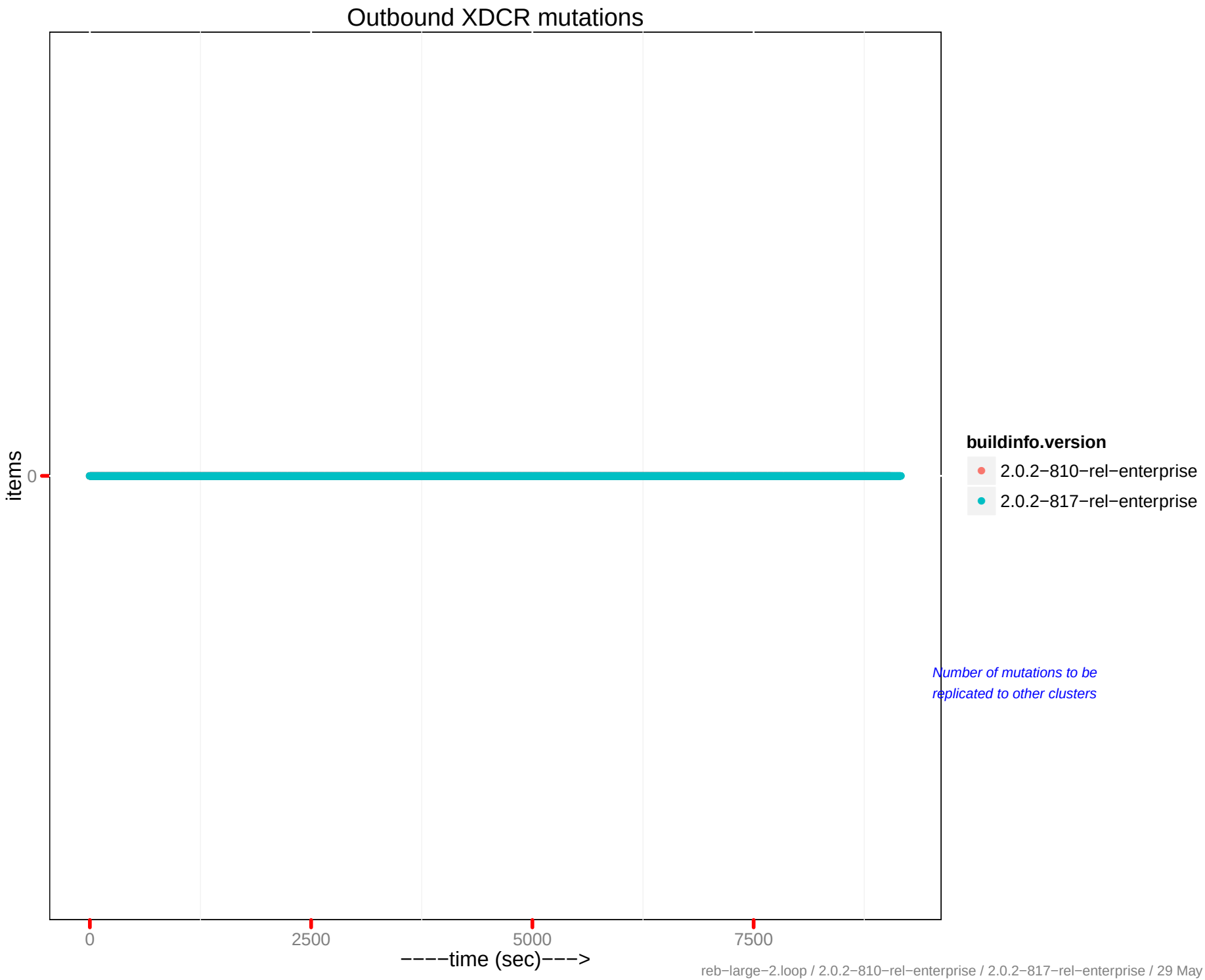

Number of connections
connections
160.00
120.00
80.00
40.00
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of connections to this server including connections from external drivers, proxies, TAP requests and internal statistic gathering (measured from curr_connections)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

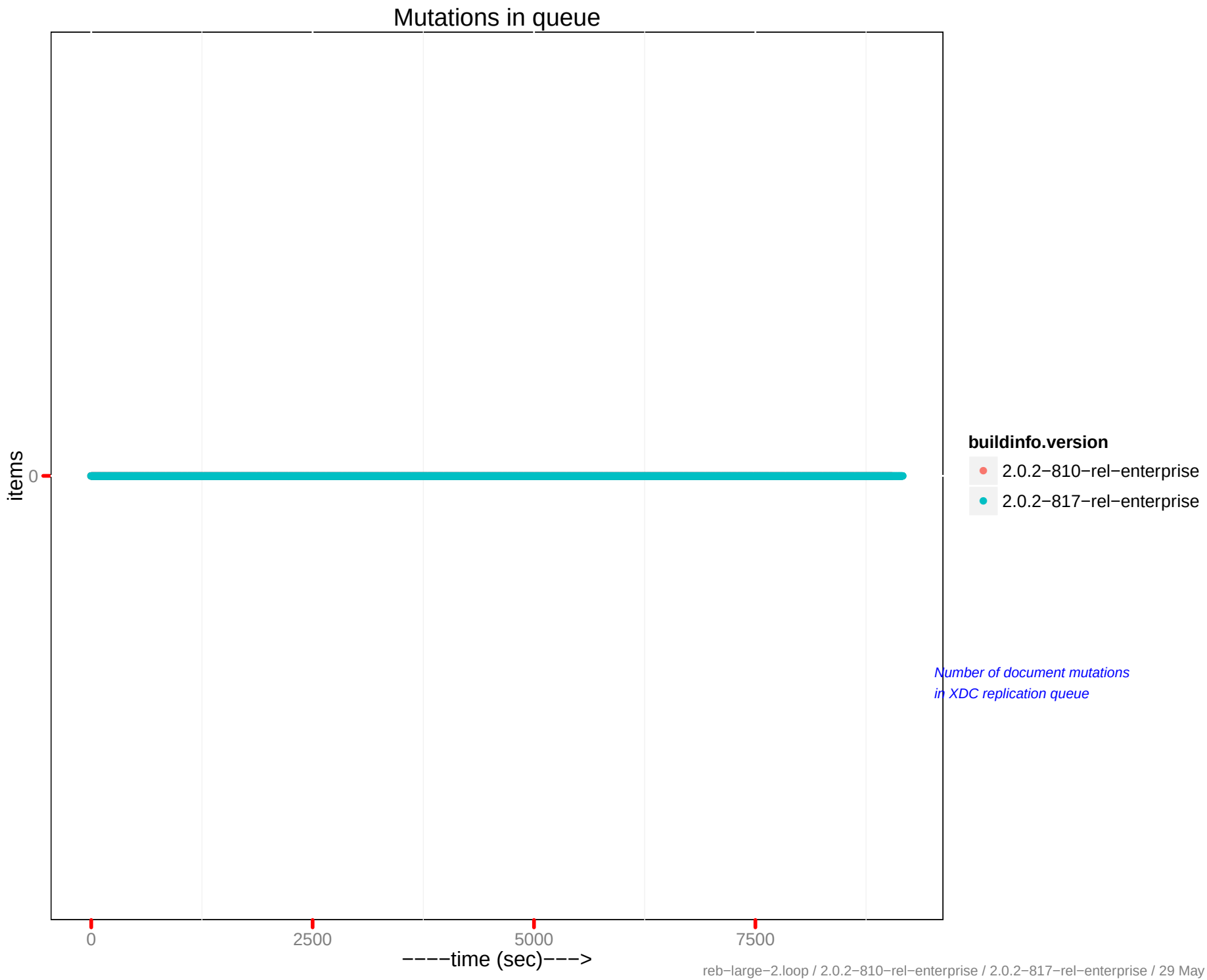

Mutation replication rate
ops/sec
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Rate of replication in terms of number
of replicated mutations per second
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

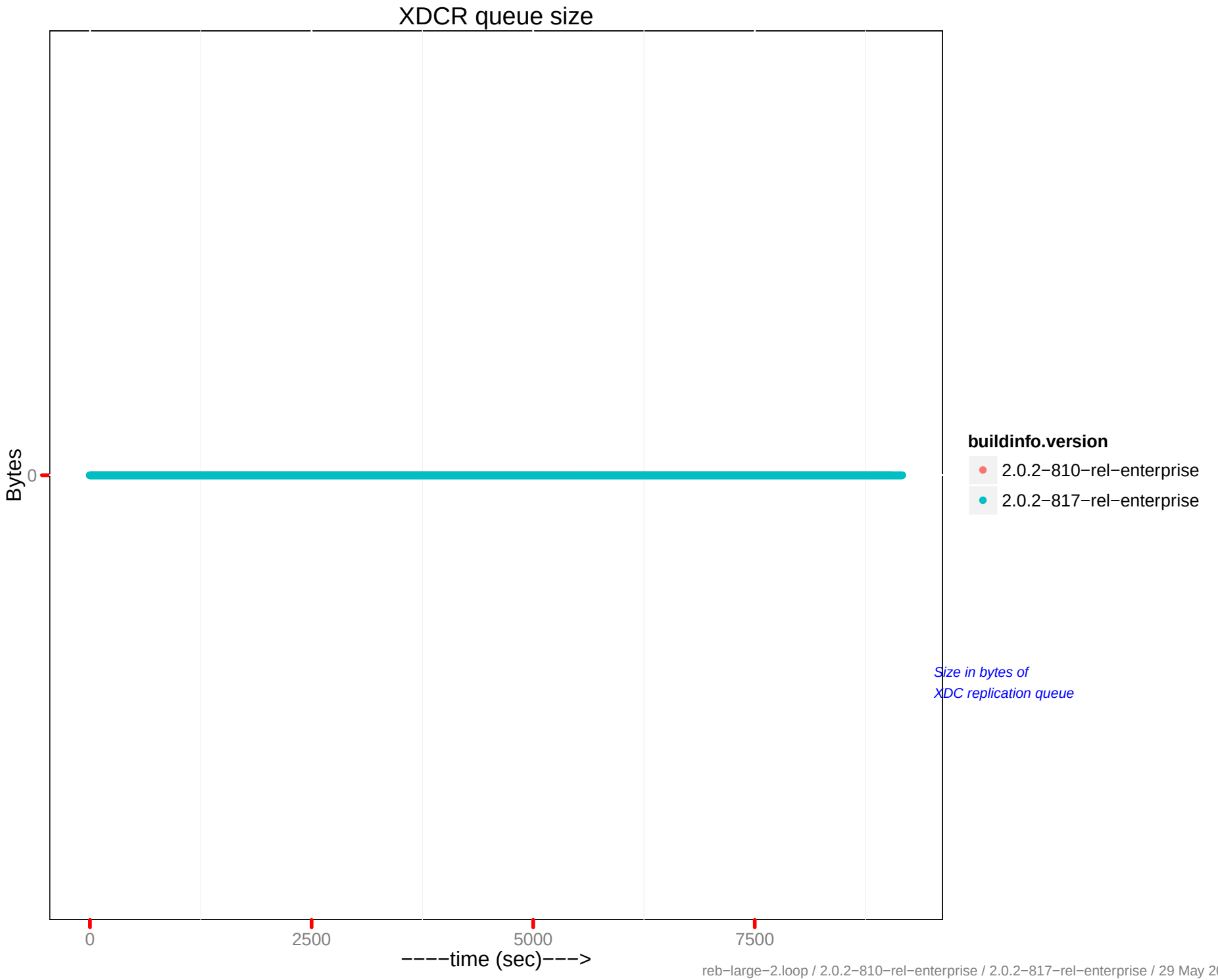

Data replication rate
Bytes/sec
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Rate of replication in terms
of bytes replicated per second
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

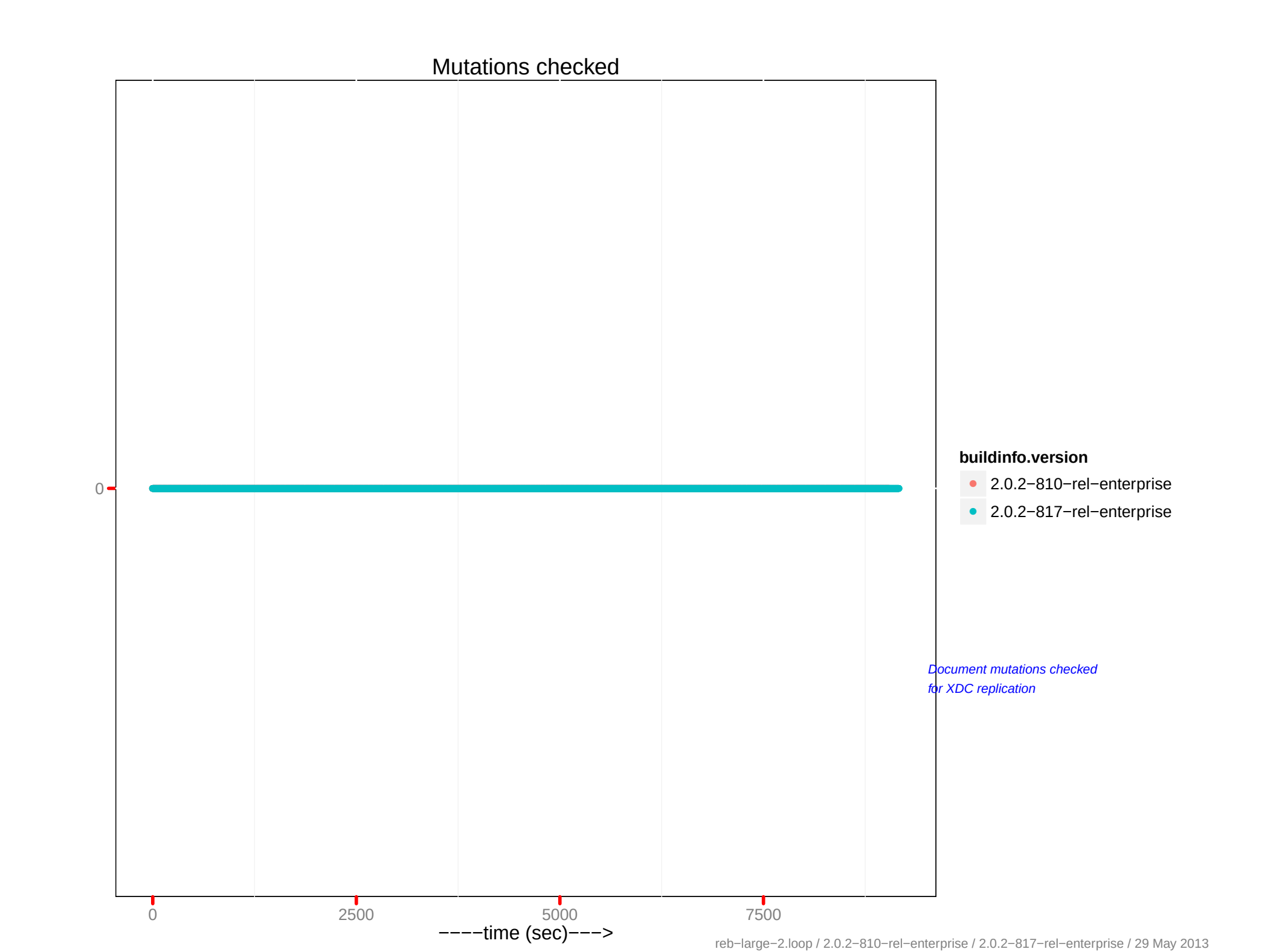

ms doc ops latency
ms
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Weighted average latency in ms of
sending replicated mutations to remote cluster
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

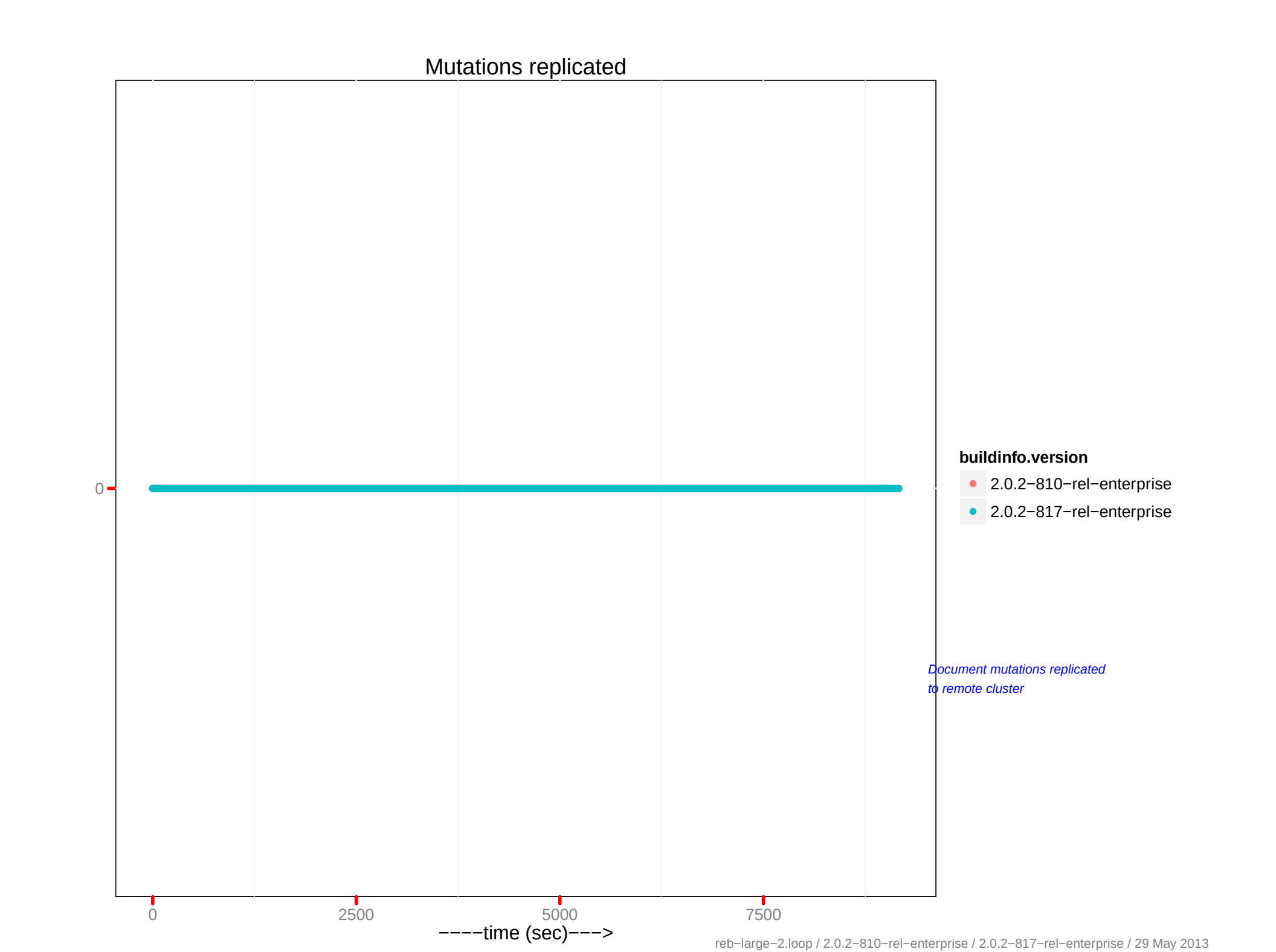

ms meta ops latency
ms
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Weighted average latency in ms of
sending getMeta and waiting for conflict solution
result from remote cluster
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

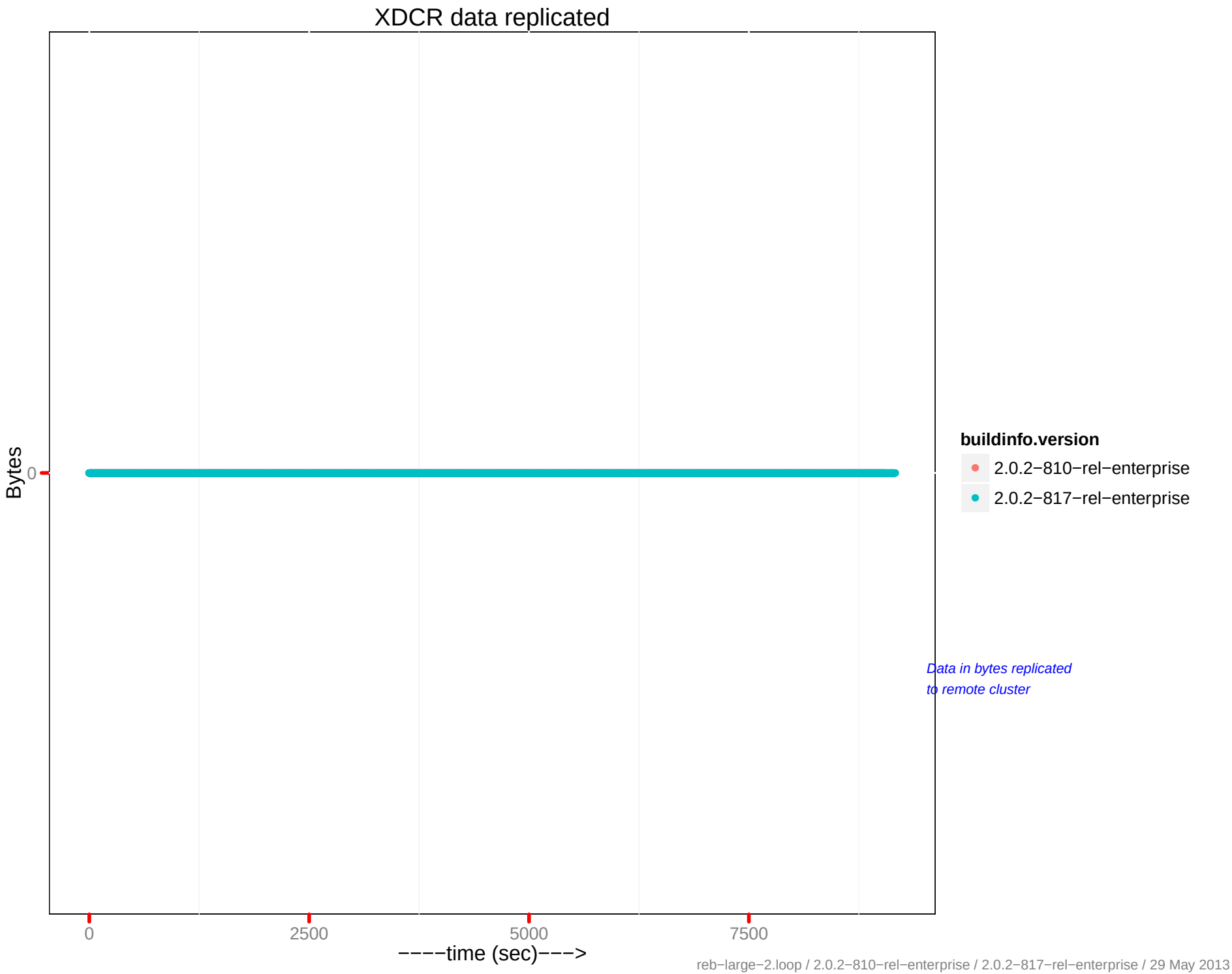

Outbound XDCR mutations
items
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of mutations to be replicated to other clusters
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

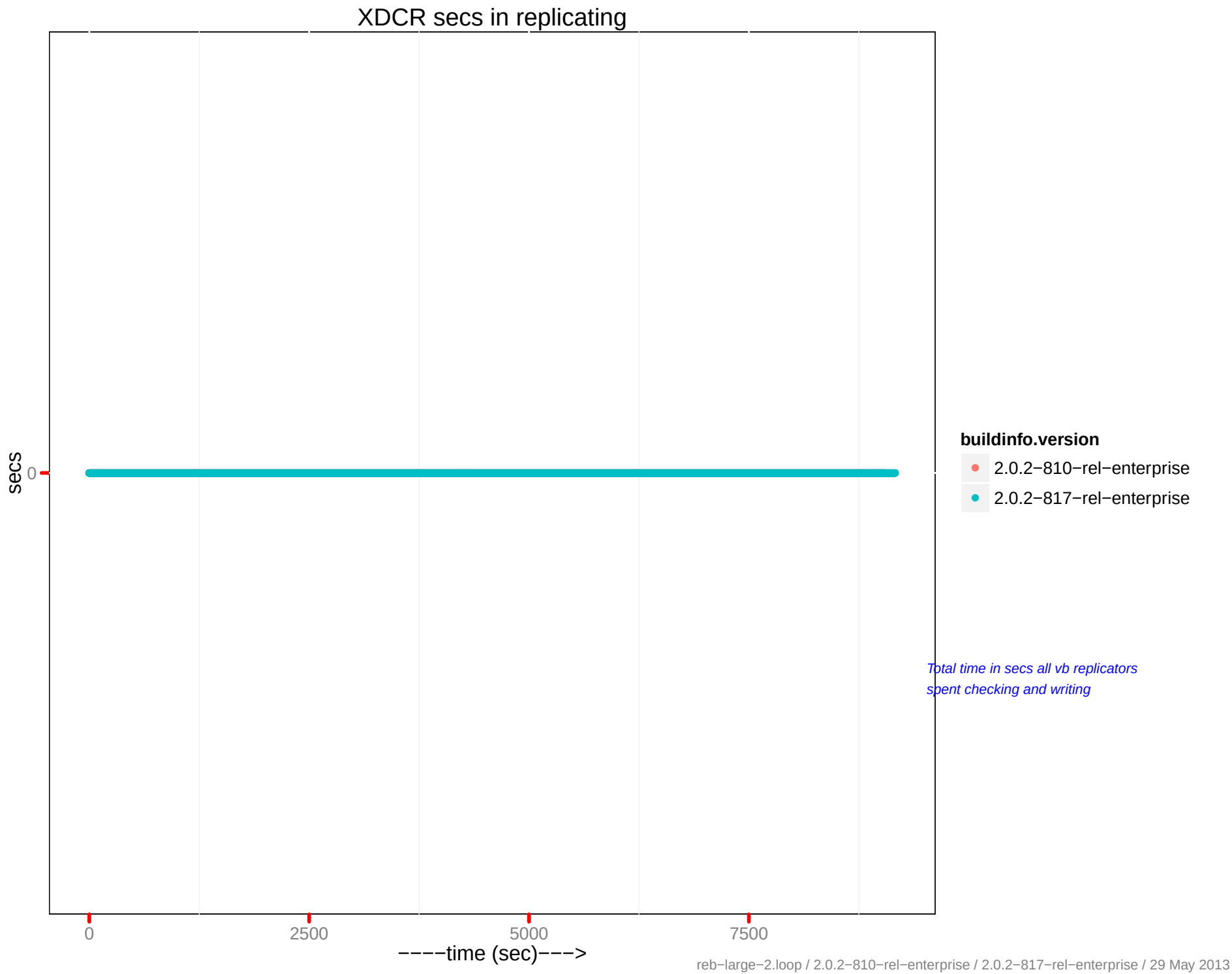

Mutations in queue
items
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of document mutations
in XDC replication queue
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

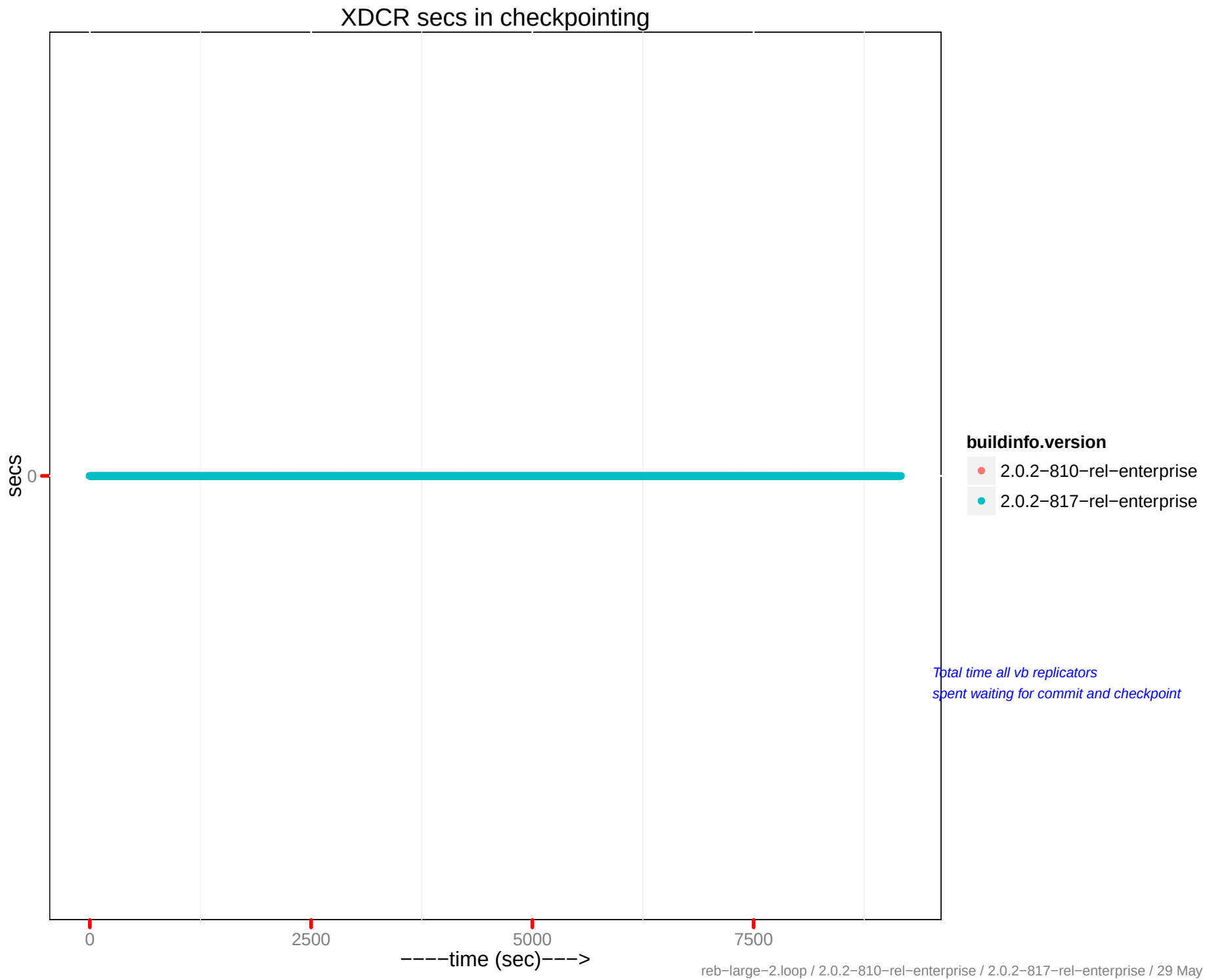

XDCR queue size
Bytes
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Size in bytes of
XDC replication queue
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

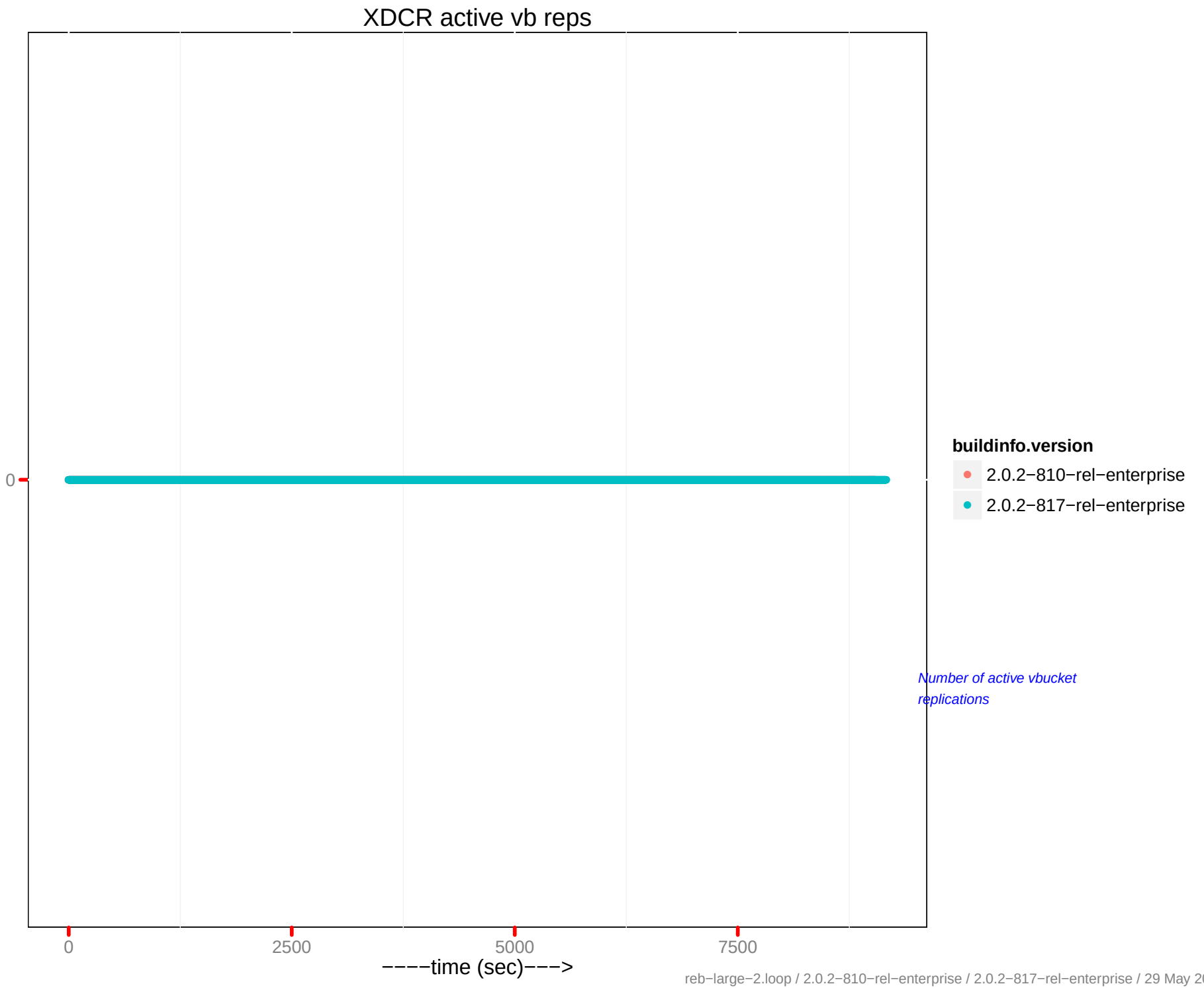

Mutations checked
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Document mutations checked
for XDC replication
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

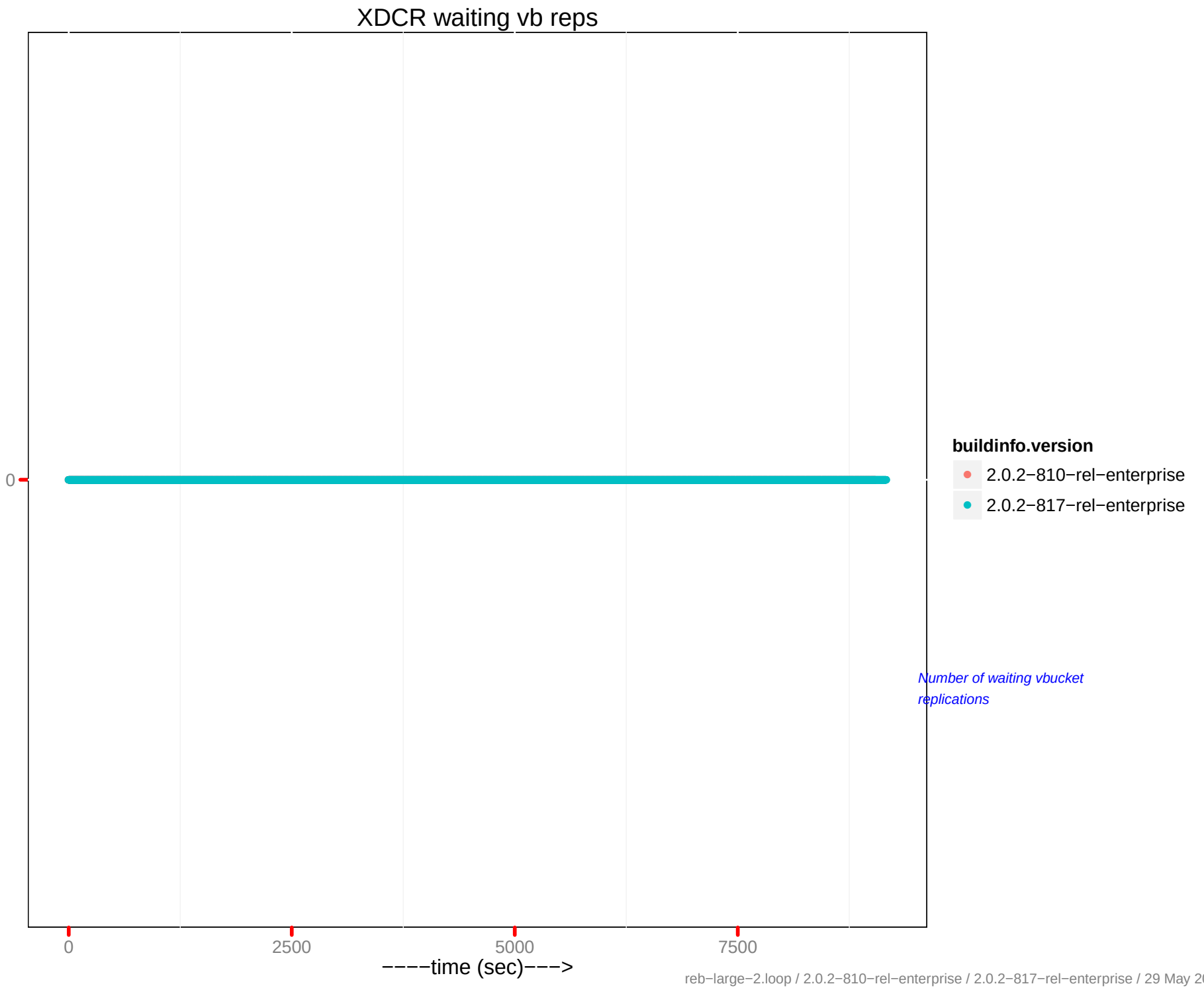

Mutations replicated
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Document mutations replicated
to remote cluster
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

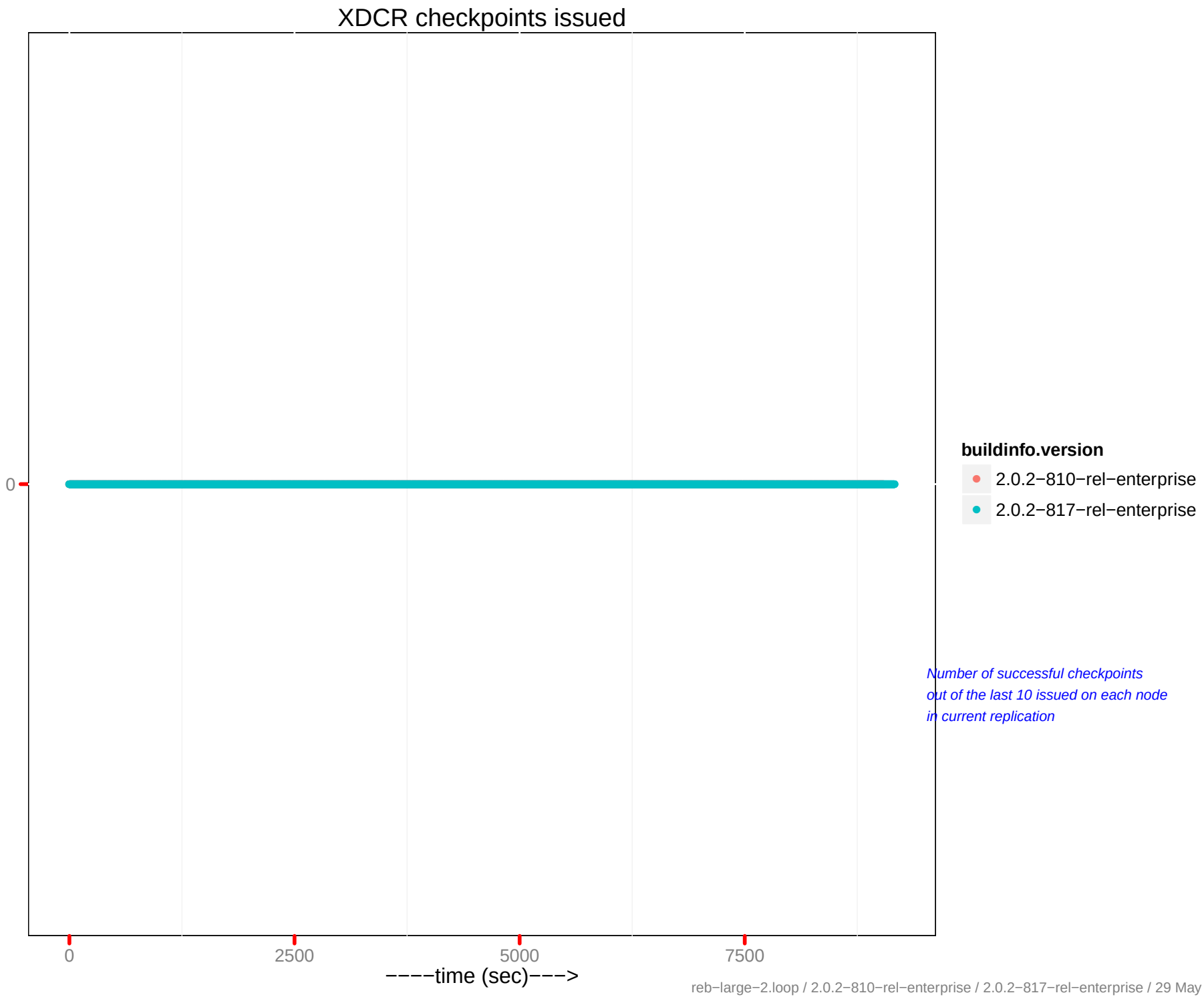

XDCR data replicated
Bytes
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Data in bytes replicated
to remote cluster
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

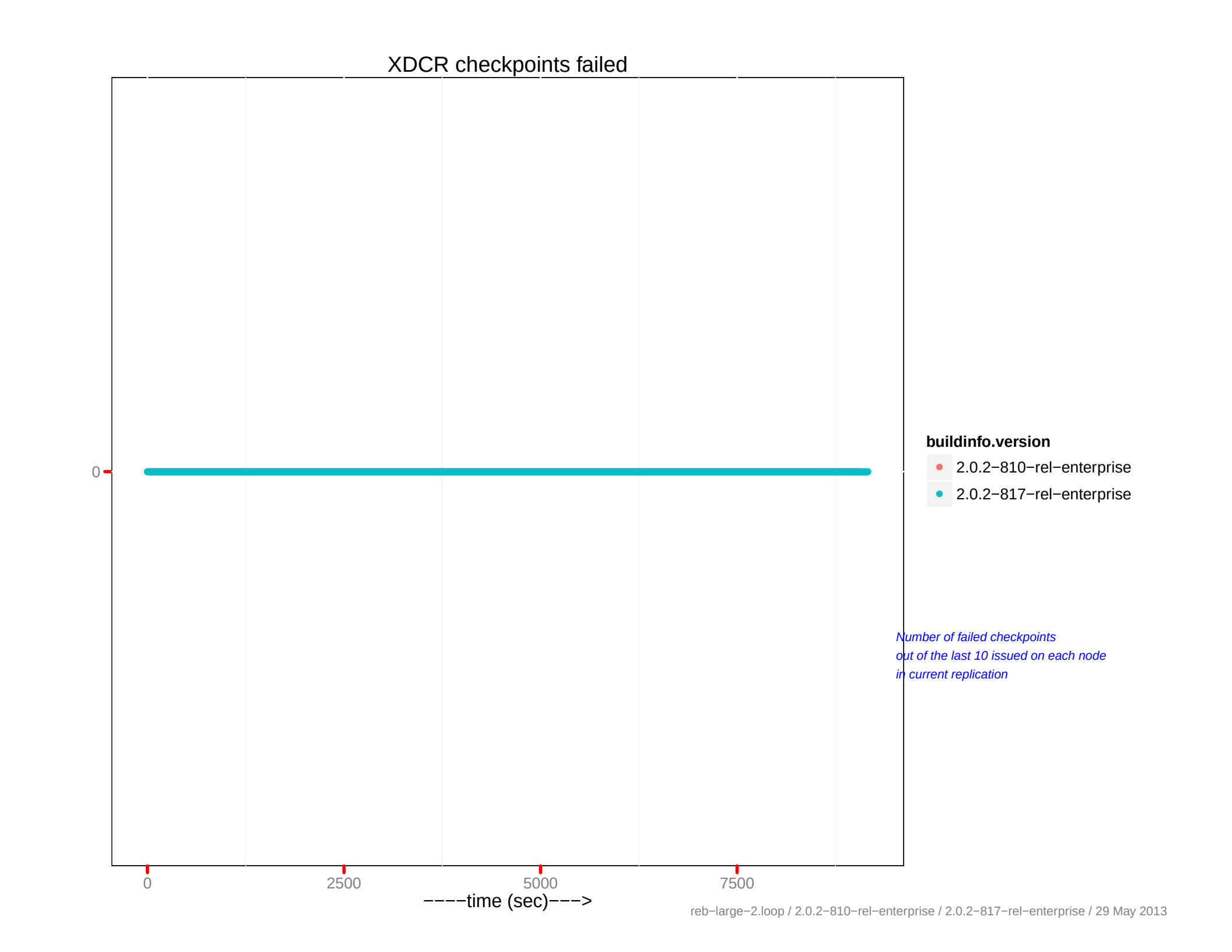

XDCR secs in replicating
secs
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Total time in secs all vb replicators
spent checking and writing
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

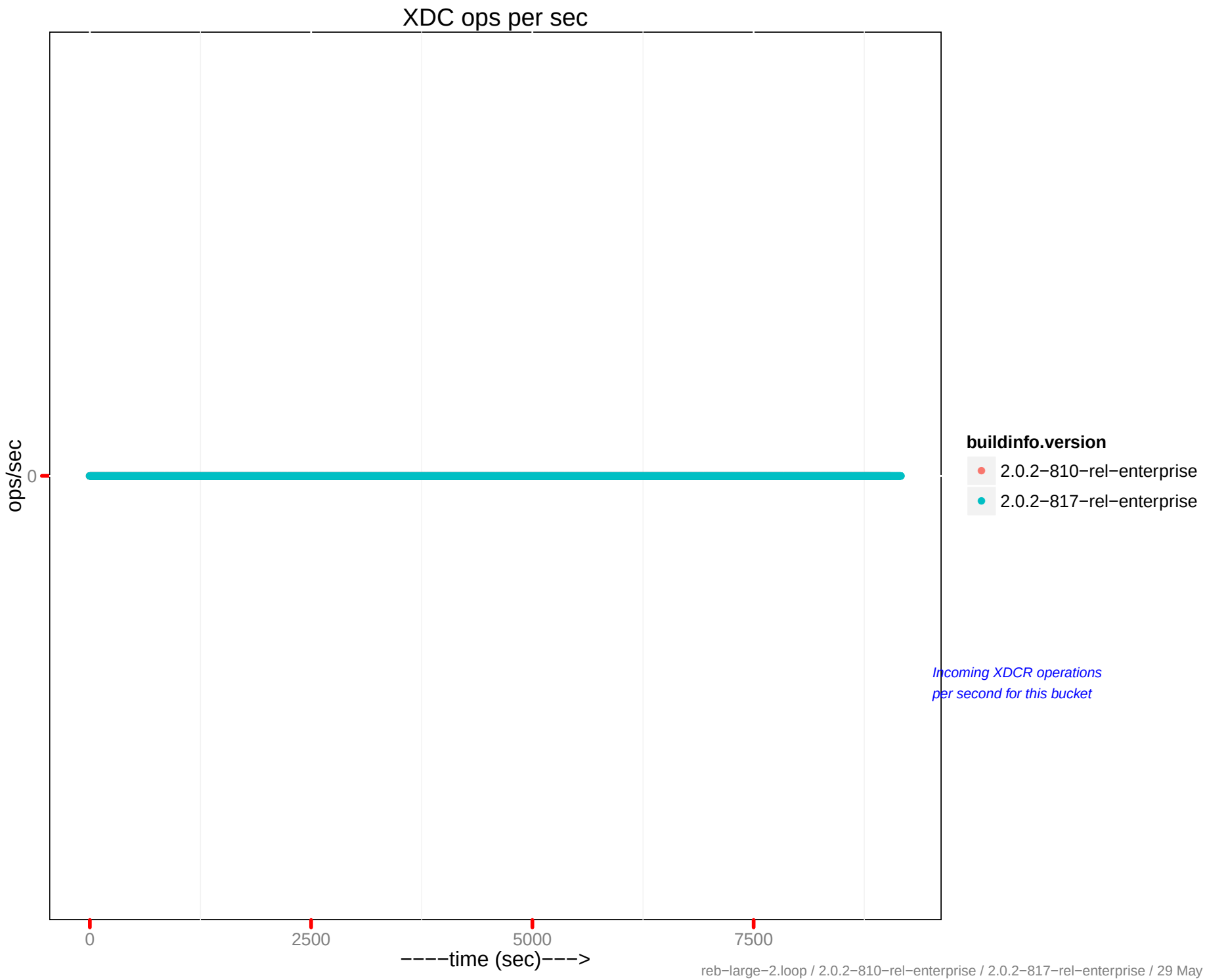

XDCR secs in checkpointing
secs
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Total time all vb replicators
spent waiting for commit and checkpoint
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

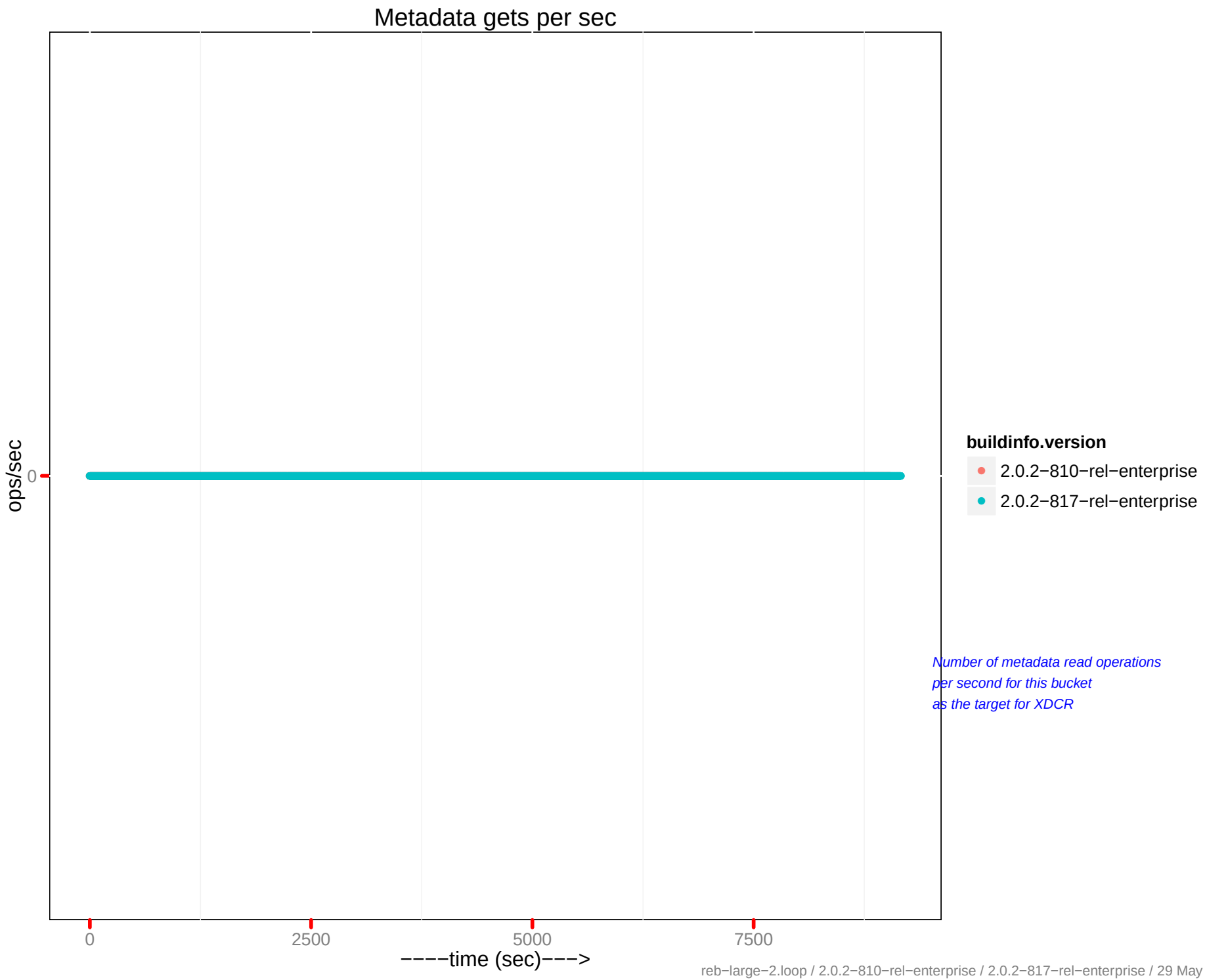

XDCR active vb reps
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of active vbucket replications
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

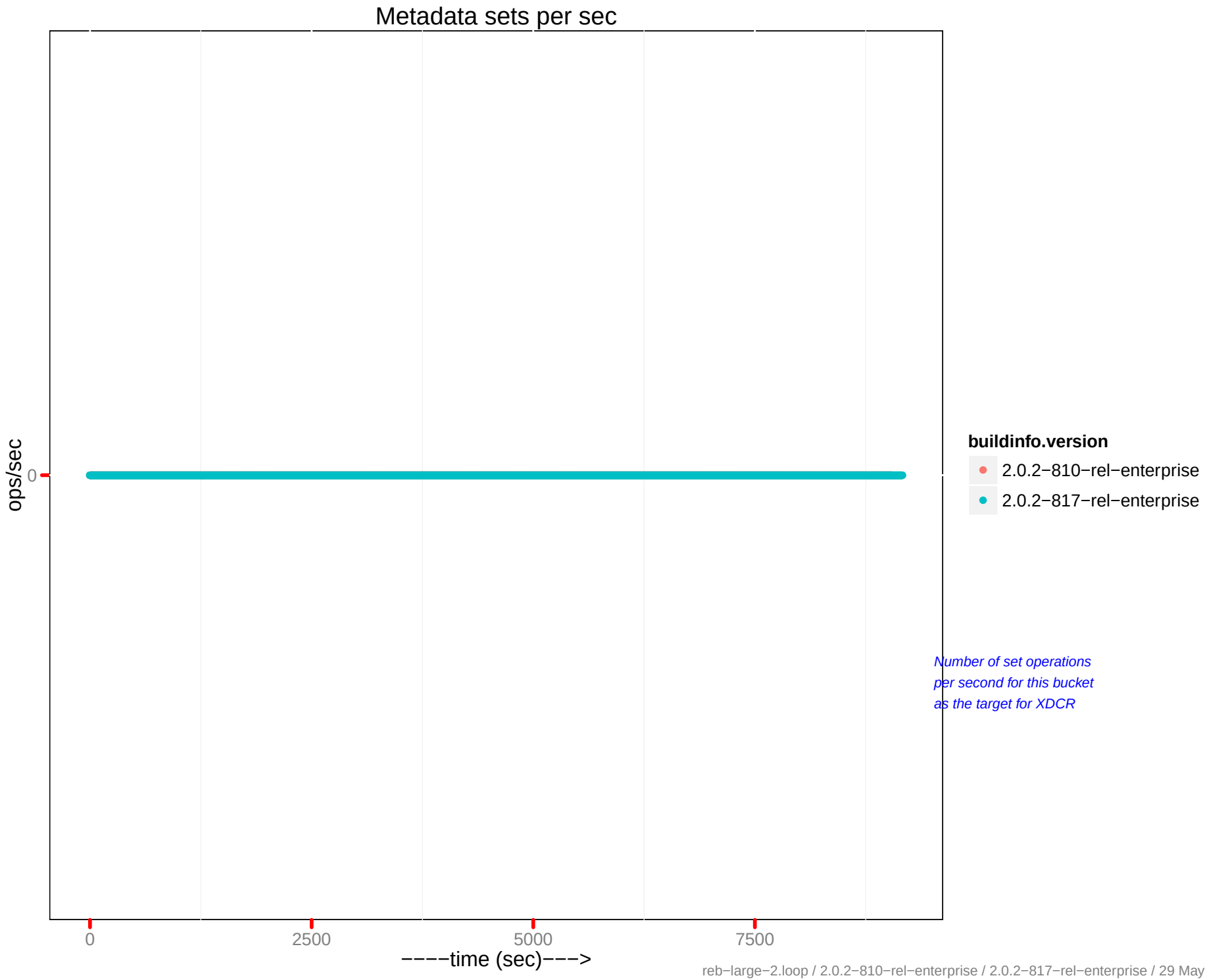

XDCR waiting vb reps
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of waiting vbucket replications
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

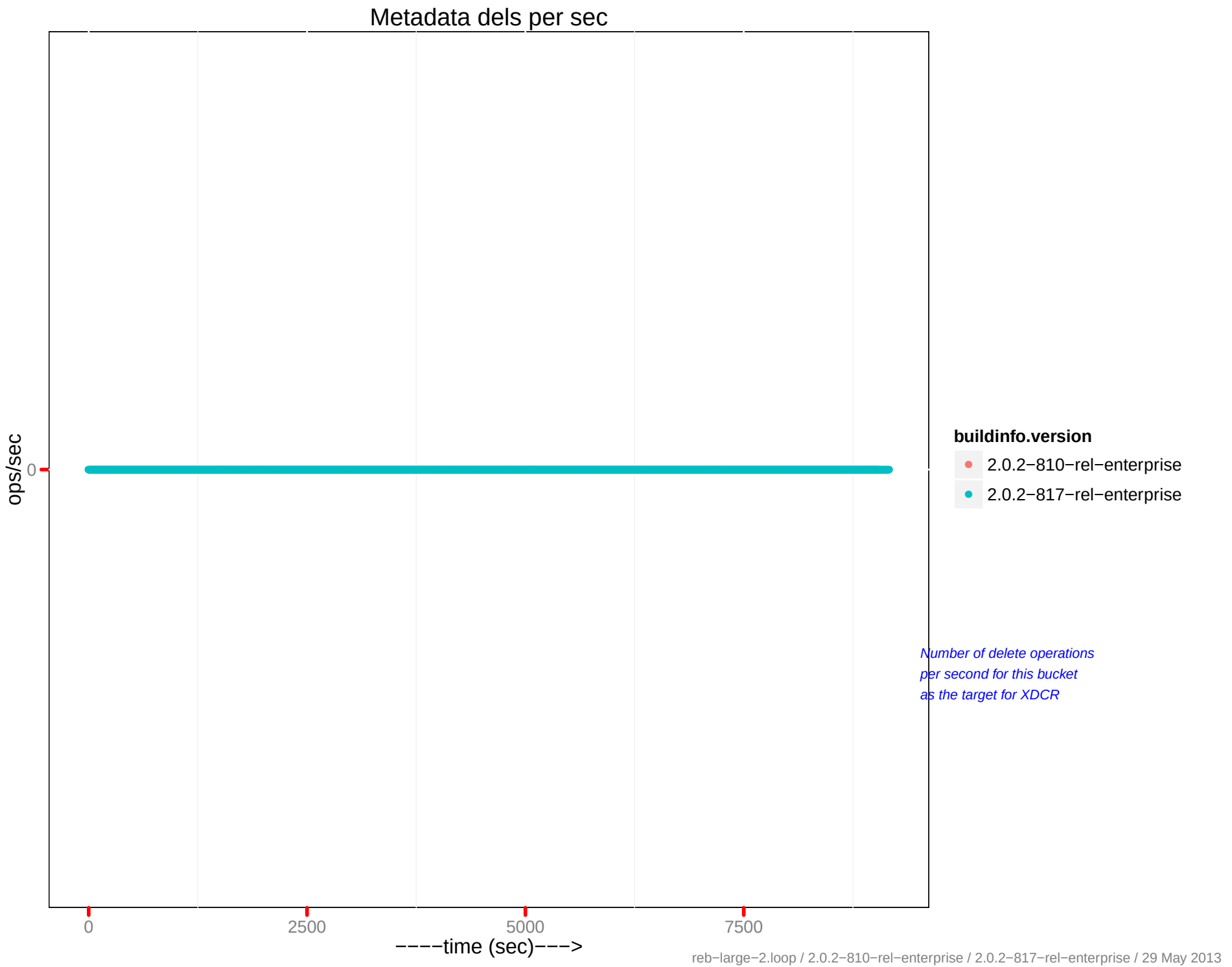

XDCR checkpoints issued
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of successful checkpoints
out of the last 10 issued on each node
in current replication
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

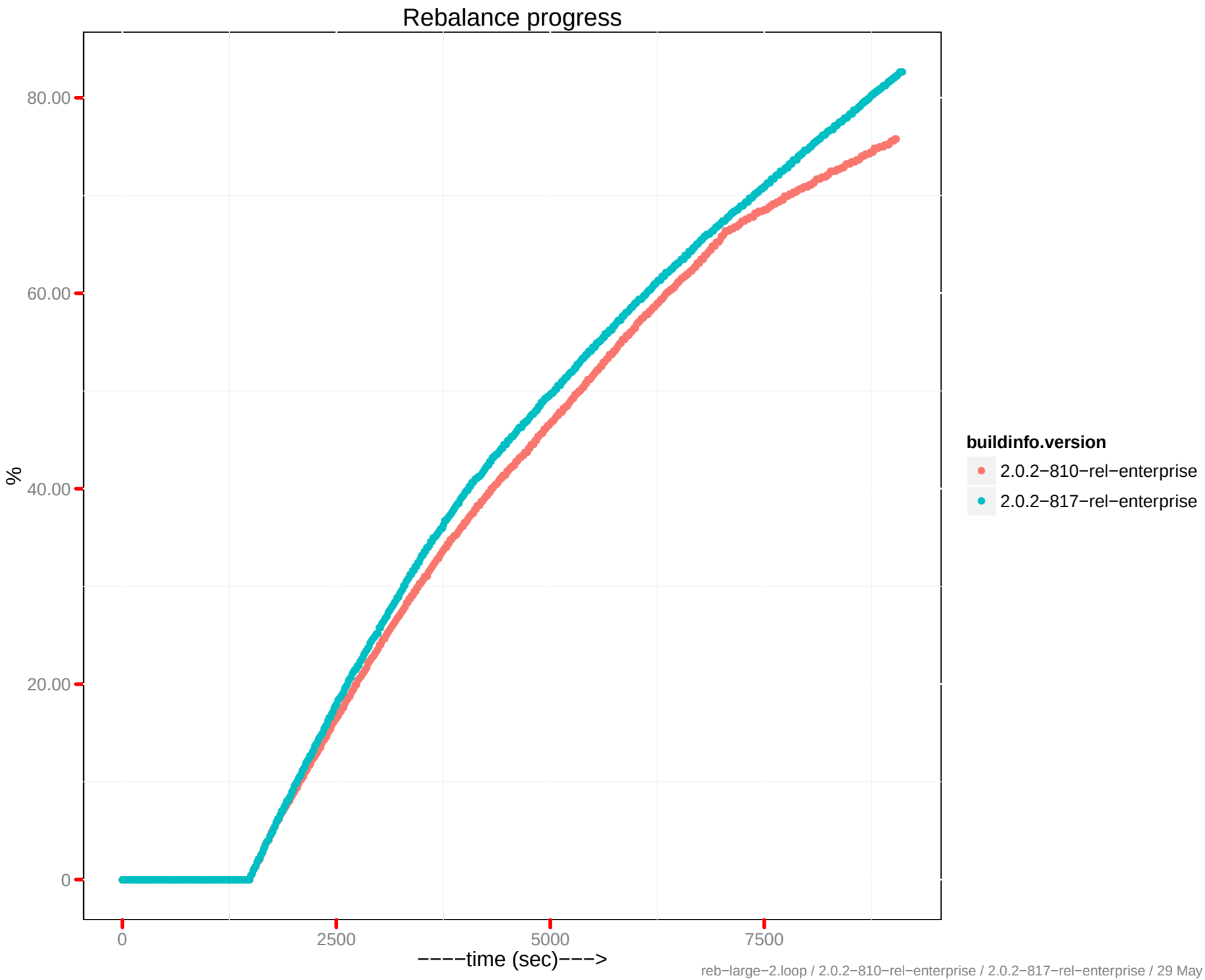

XDCR checkpoints failed
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of failed checkpoints
out of the last 10 issued on each node
in current replication
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

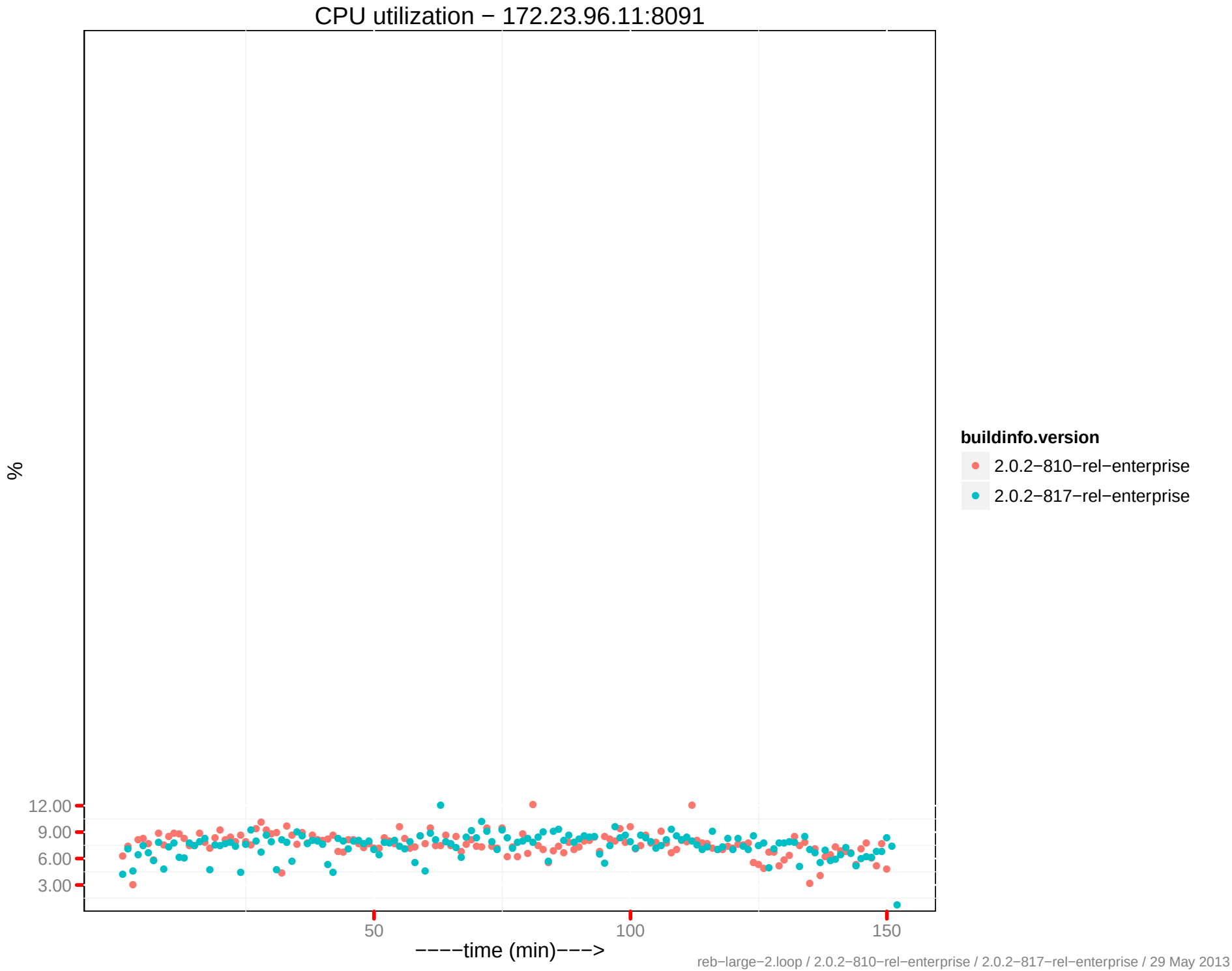

XDC ops per sec
ops/sec
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Incoming XDCR operations
per second for this bucket
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

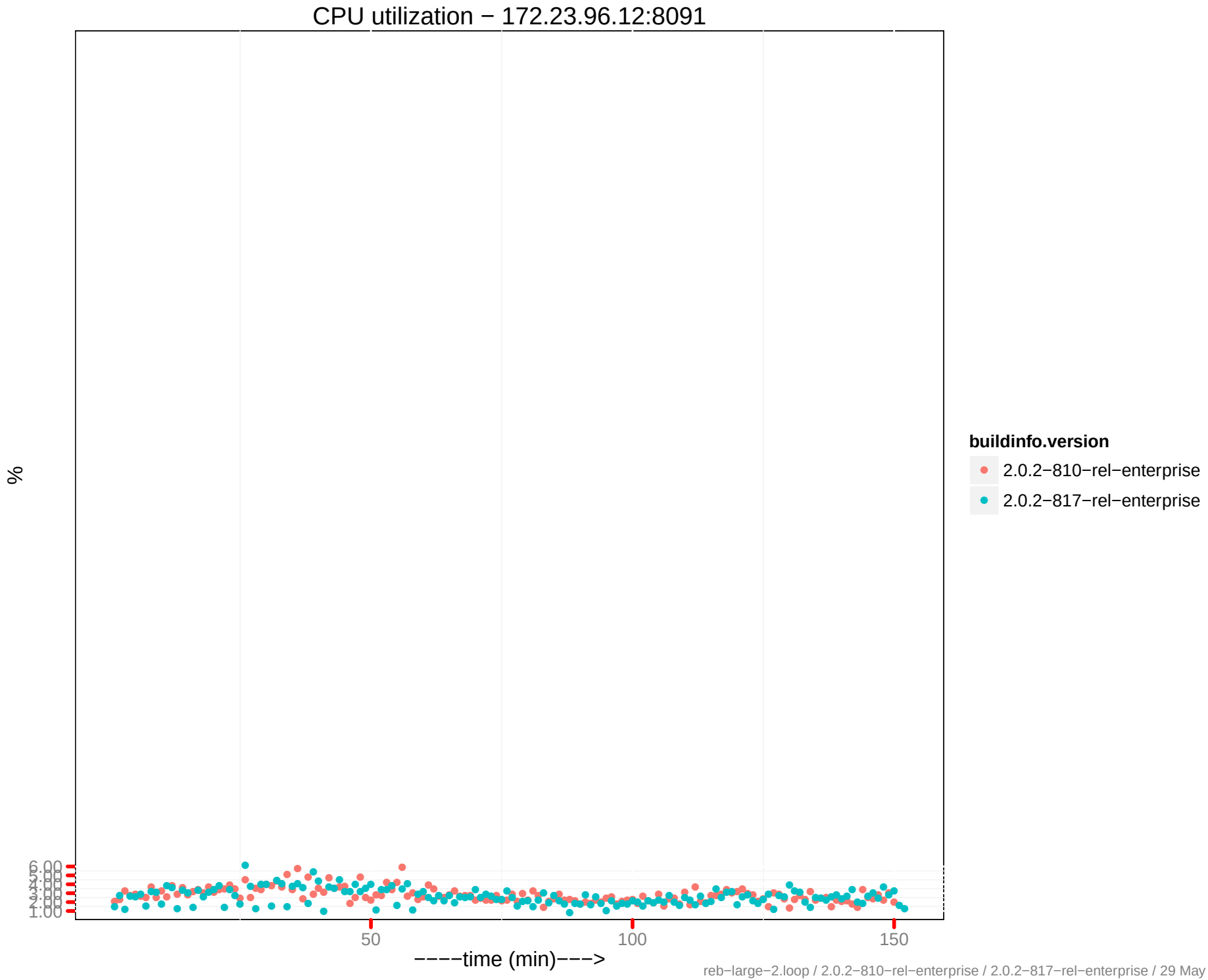

Metadata gets per sec
ops/sec
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of metadata read operations
per second for this bucket
as the target for XDCR
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

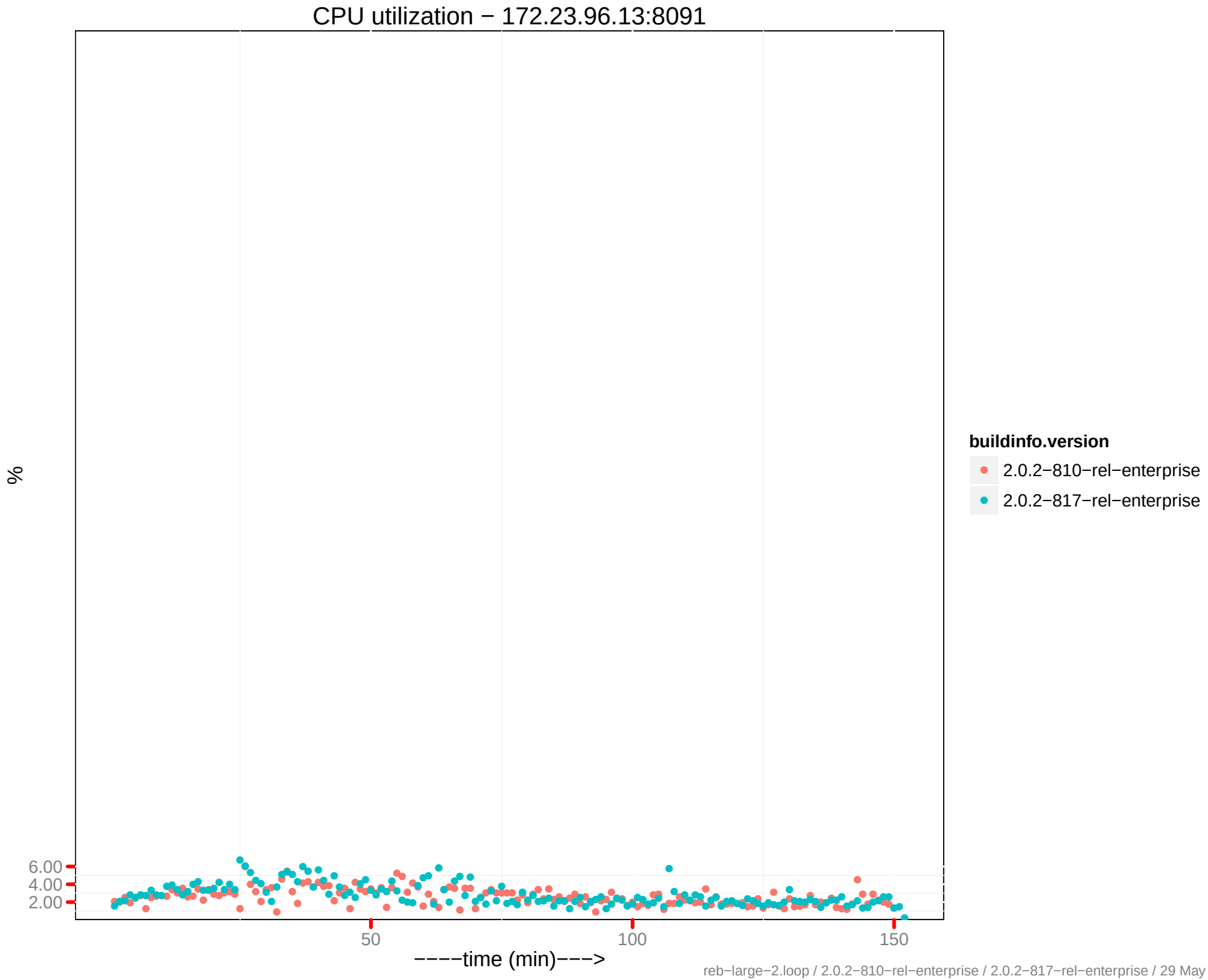

Metadata sets per sec
ops/sec
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of set operations
per second for this bucket
as the target for XDCR
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

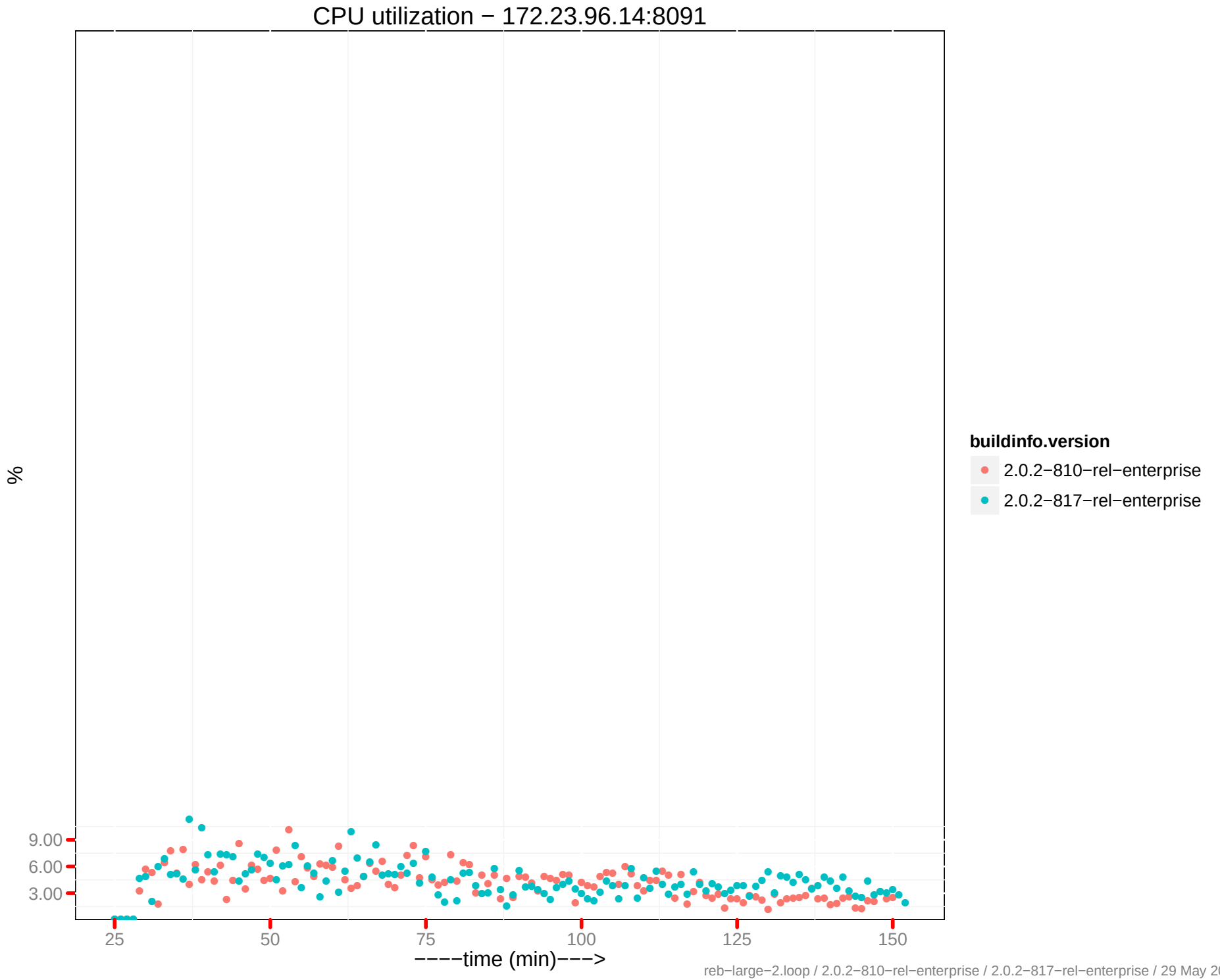

Metadata dels per sec
ops/sec
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Number of delete operations
per second for this bucket
as the target for XDCR
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

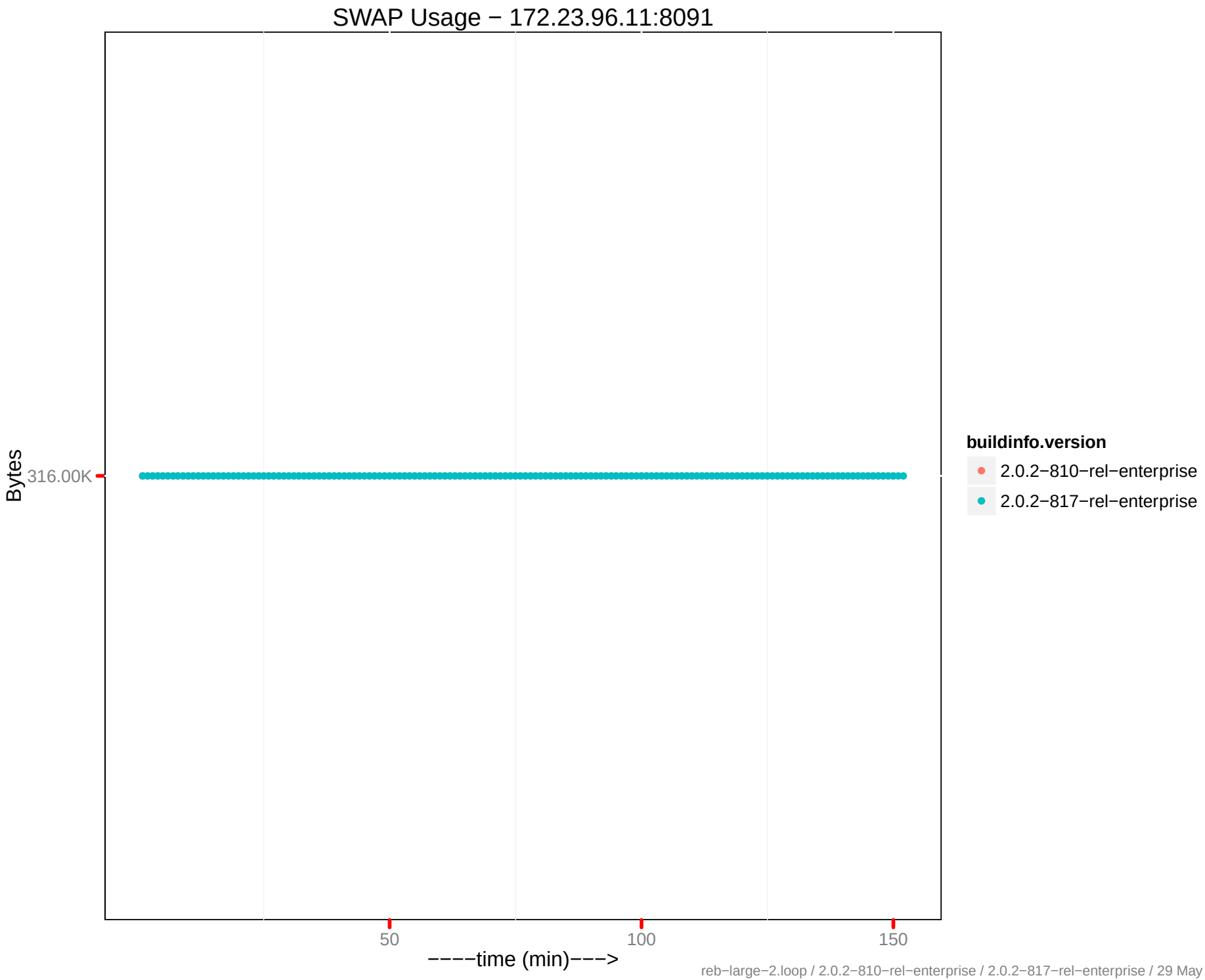

Rebalance progress
80.00
60.00
40.00
20.00
0
%
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

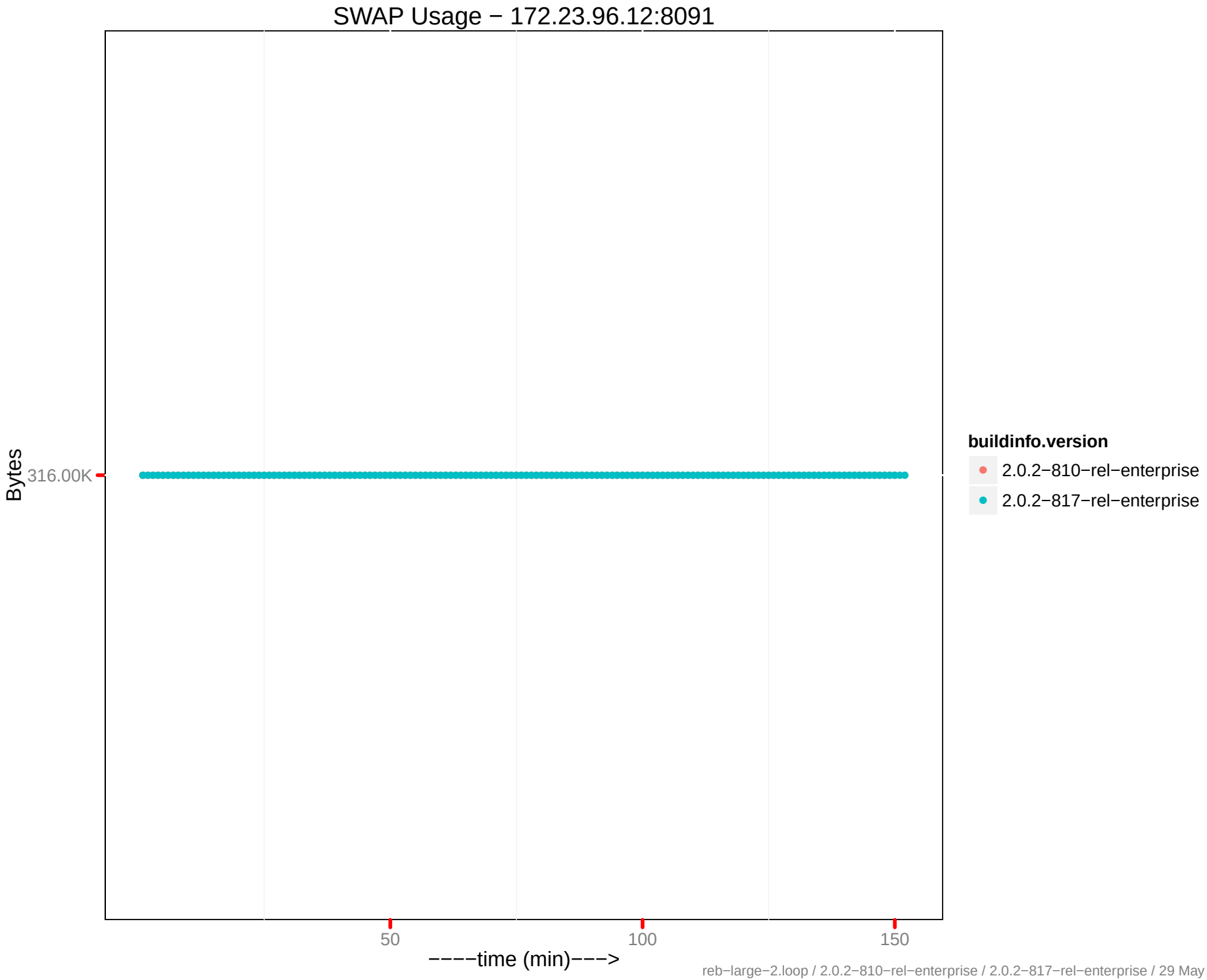

CPU utilization − 172.23.96.11:8091
%
12.00
9.00
6.00
3.00
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

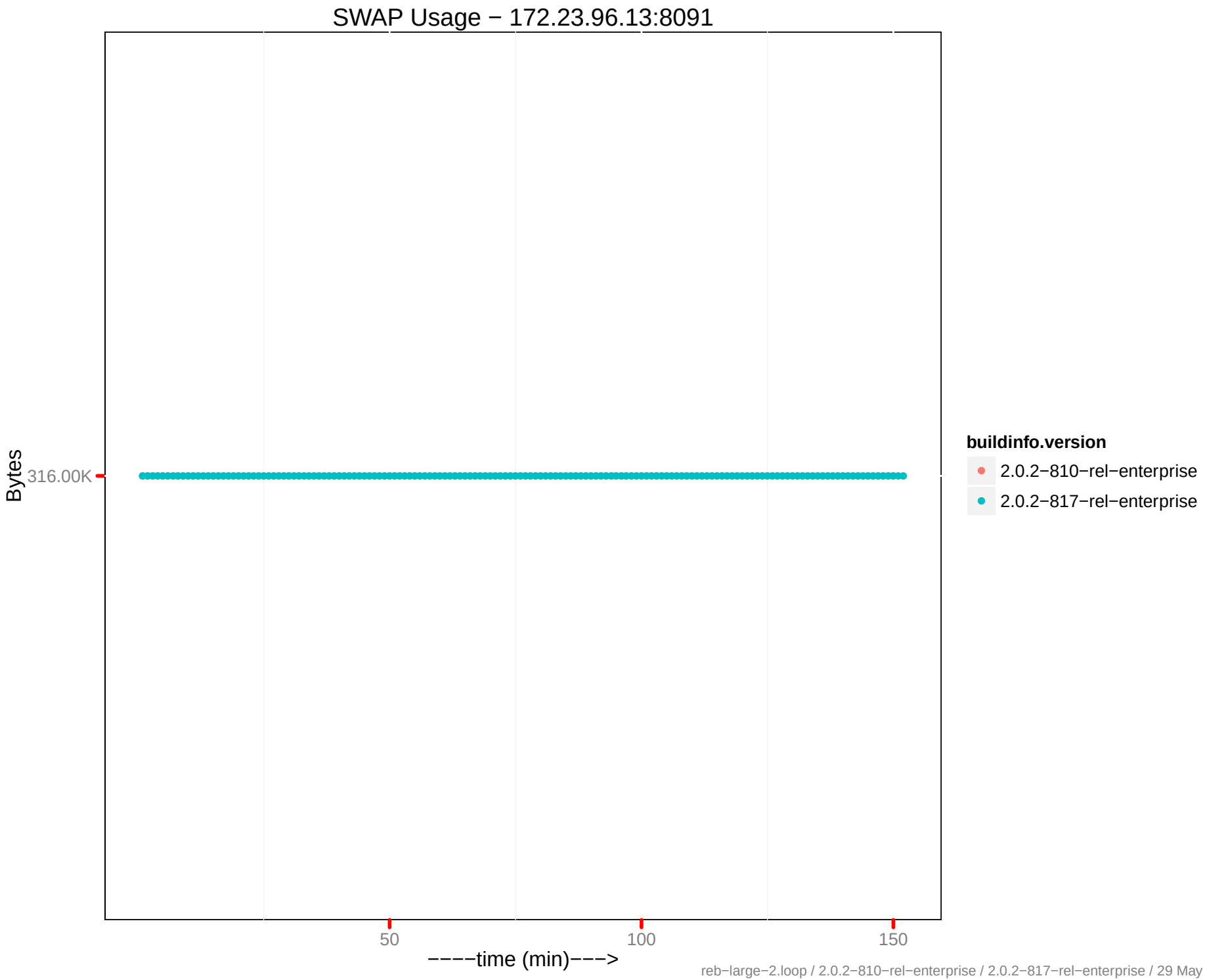

CPU utilization − 172.23.96.12:8091
%
6.00
5.00
4.00
3.00
2.00
1.00
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

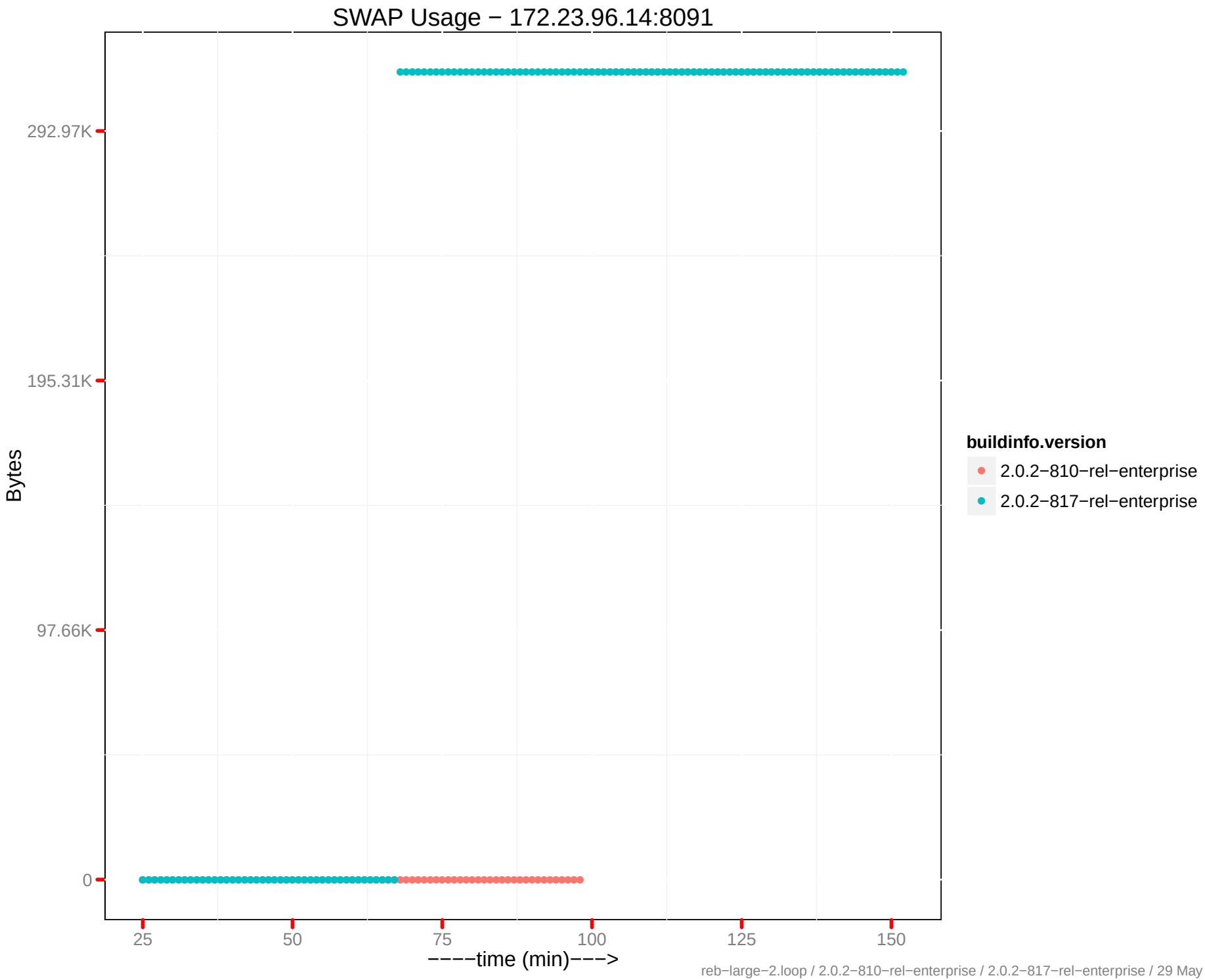

CPU utilization − 172.23.96.13:8091
%
6.00
4.00
2.00
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

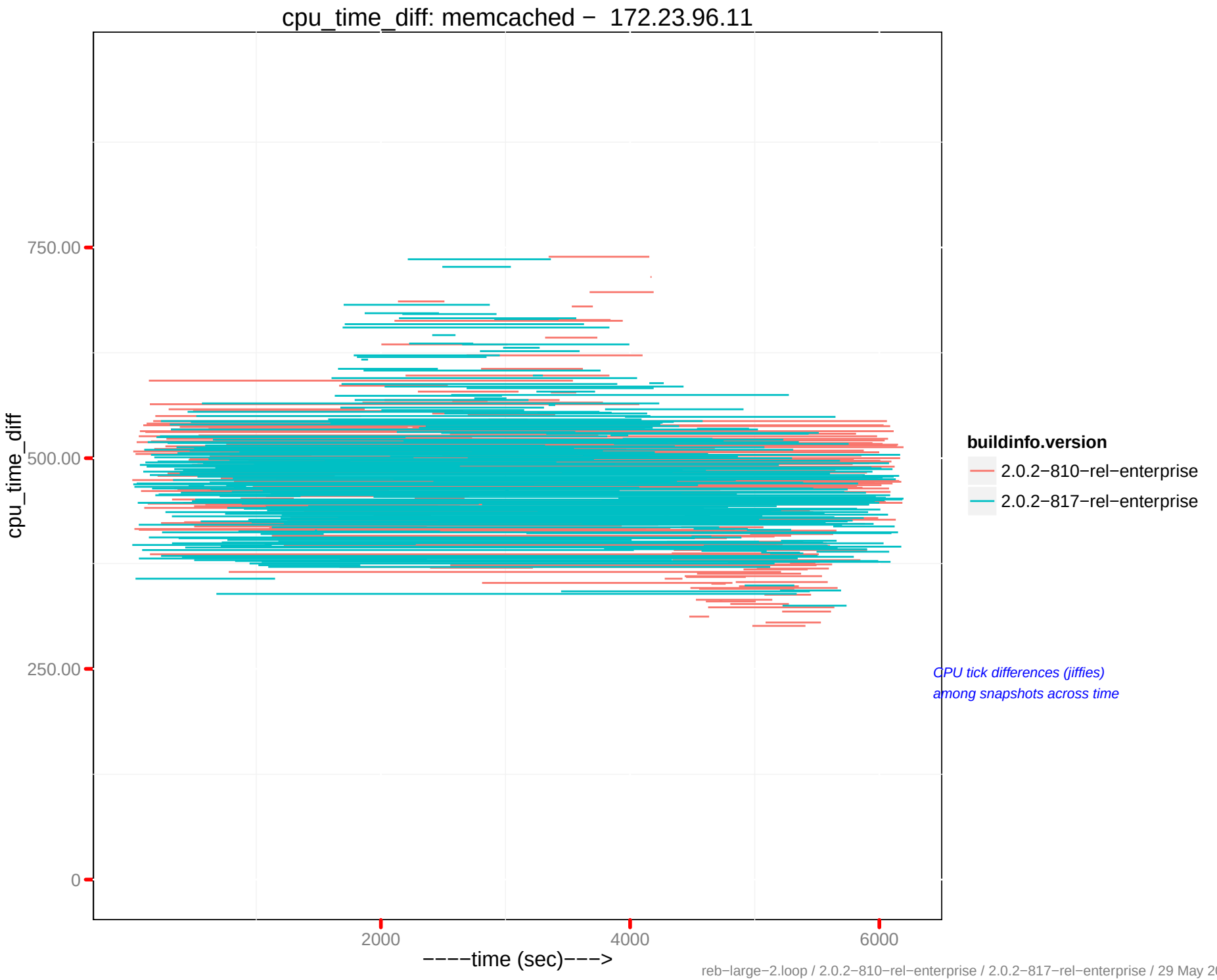

CPU utilization − 172.23.96.14:8091
%
9.00
6.00
3.00
25
50
75
100
125
150
−−−−time (min)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

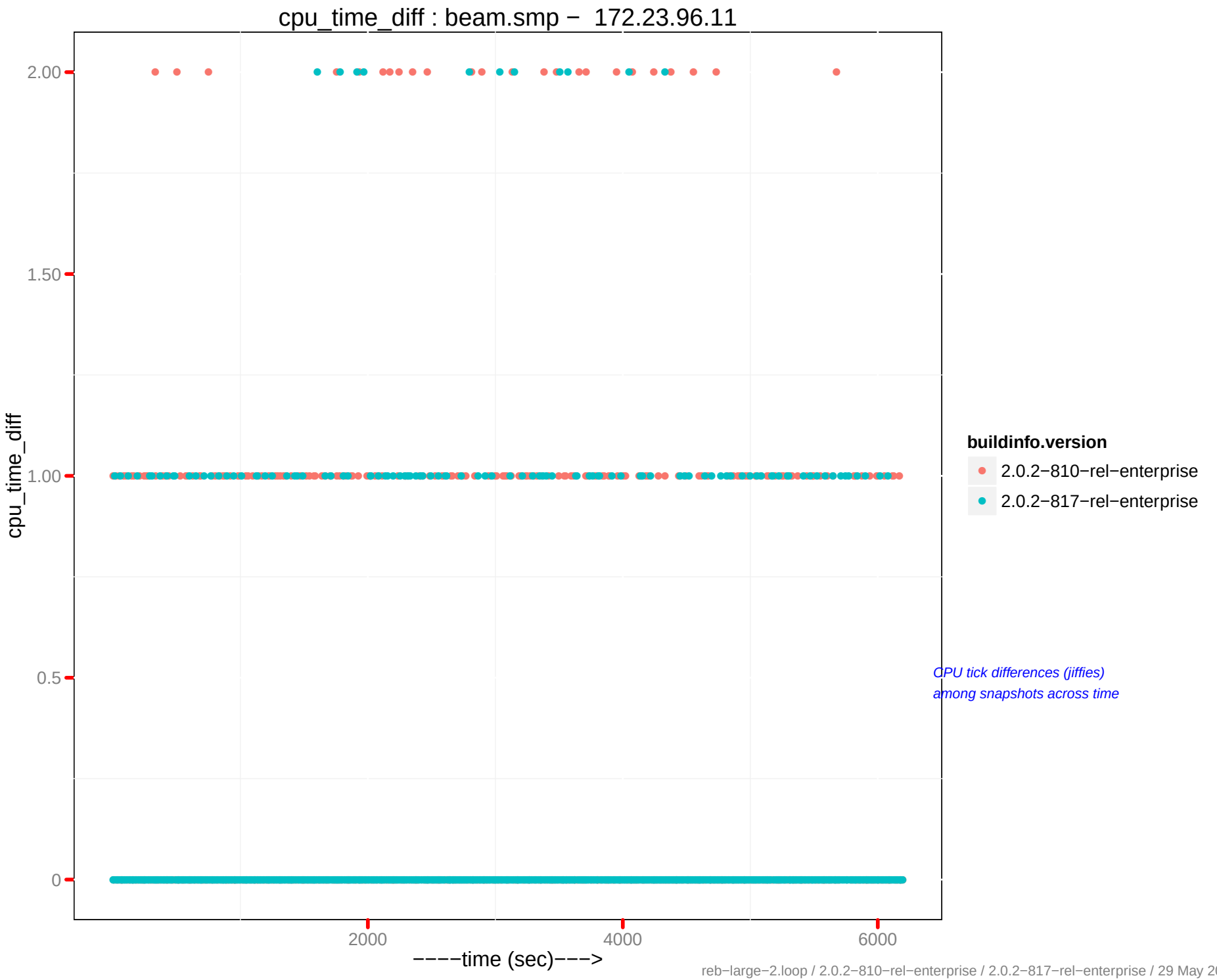

SWAP Usage − 172.23.96.11:8091
Bytes
316.00K
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

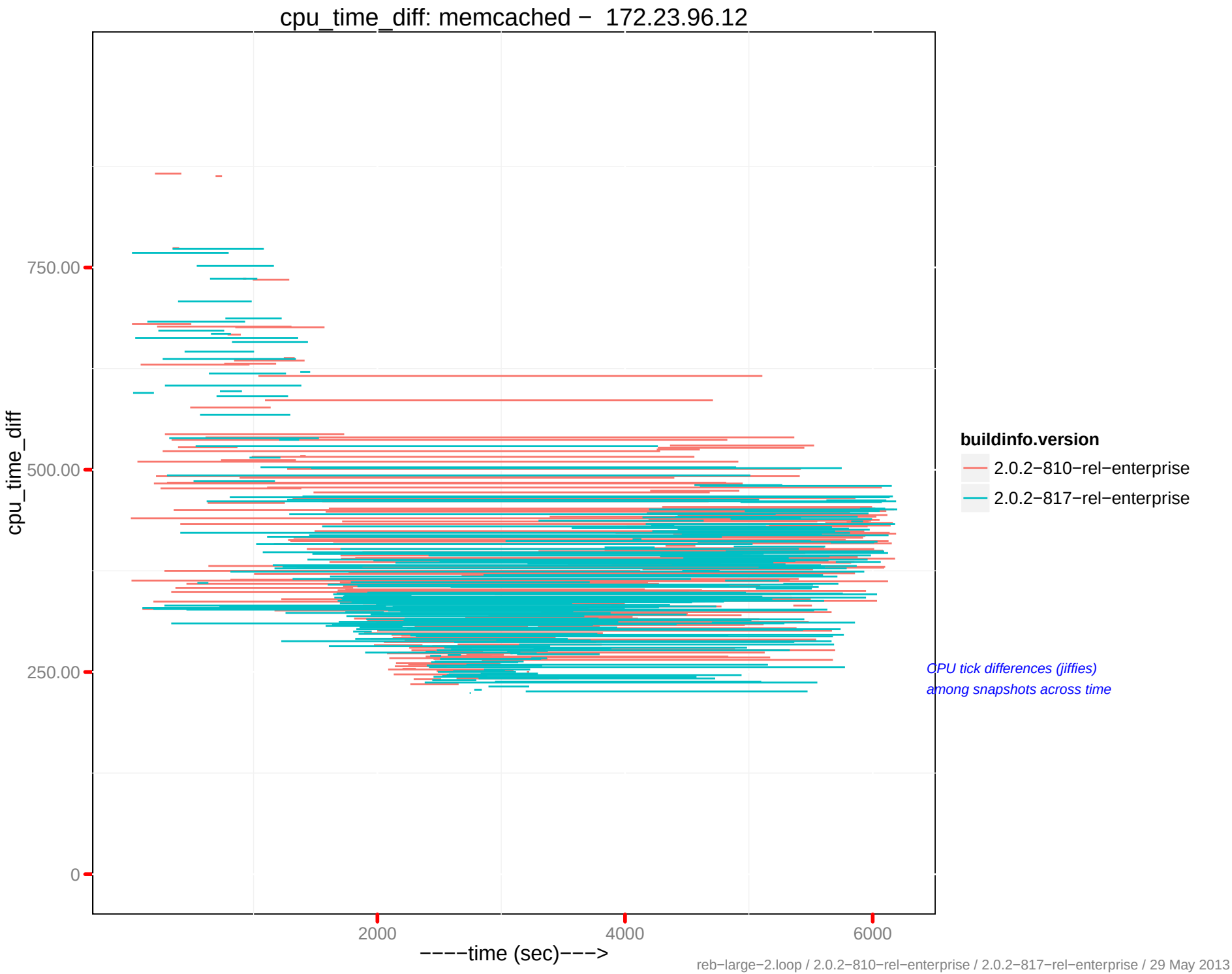

SWAP Usage − 172.23.96.12:8091
Bytes
316.00K
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

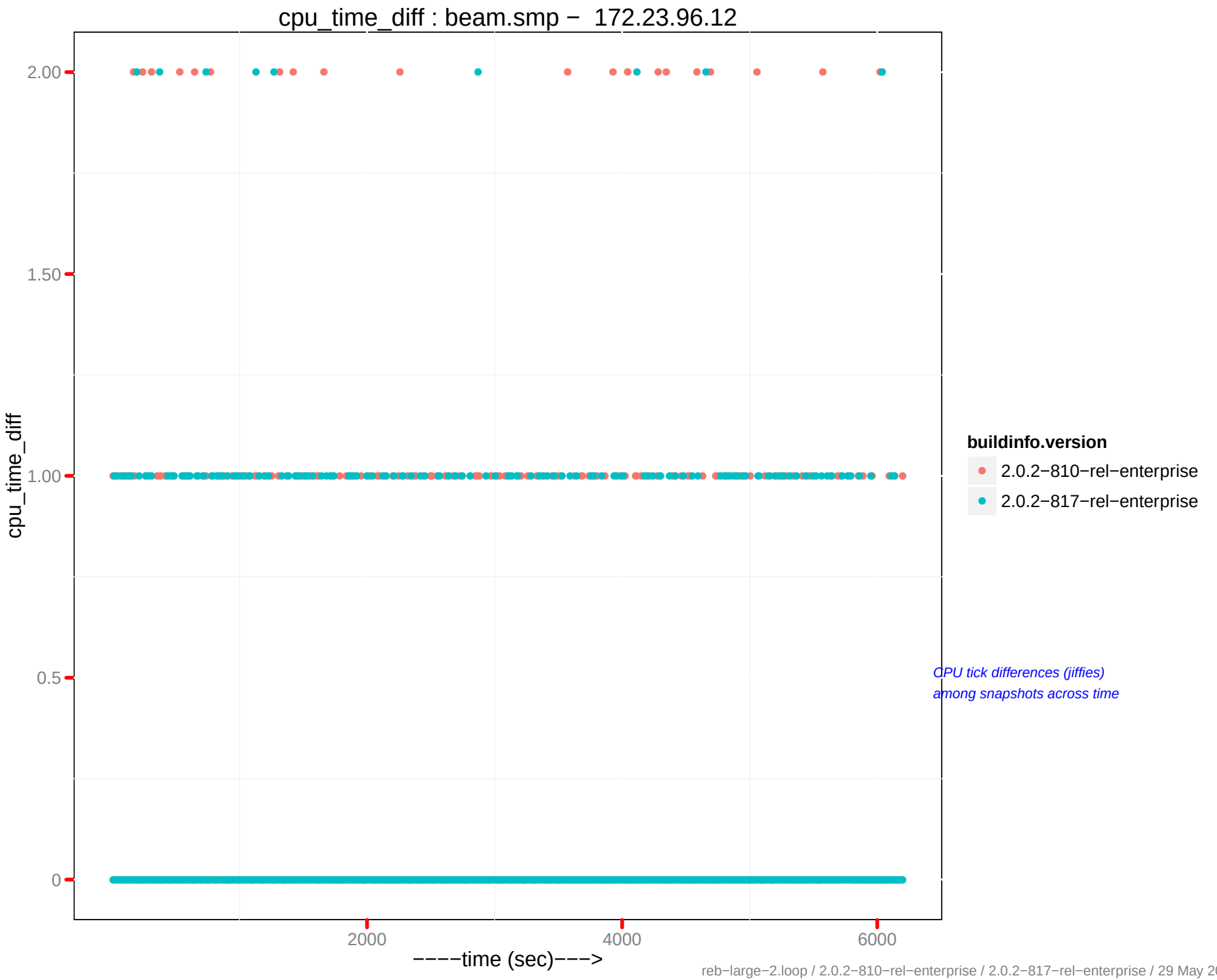

SWAP Usage − 172.23.96.13:8091
Bytes
316.00K
50
100
150
−−−−time (min)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

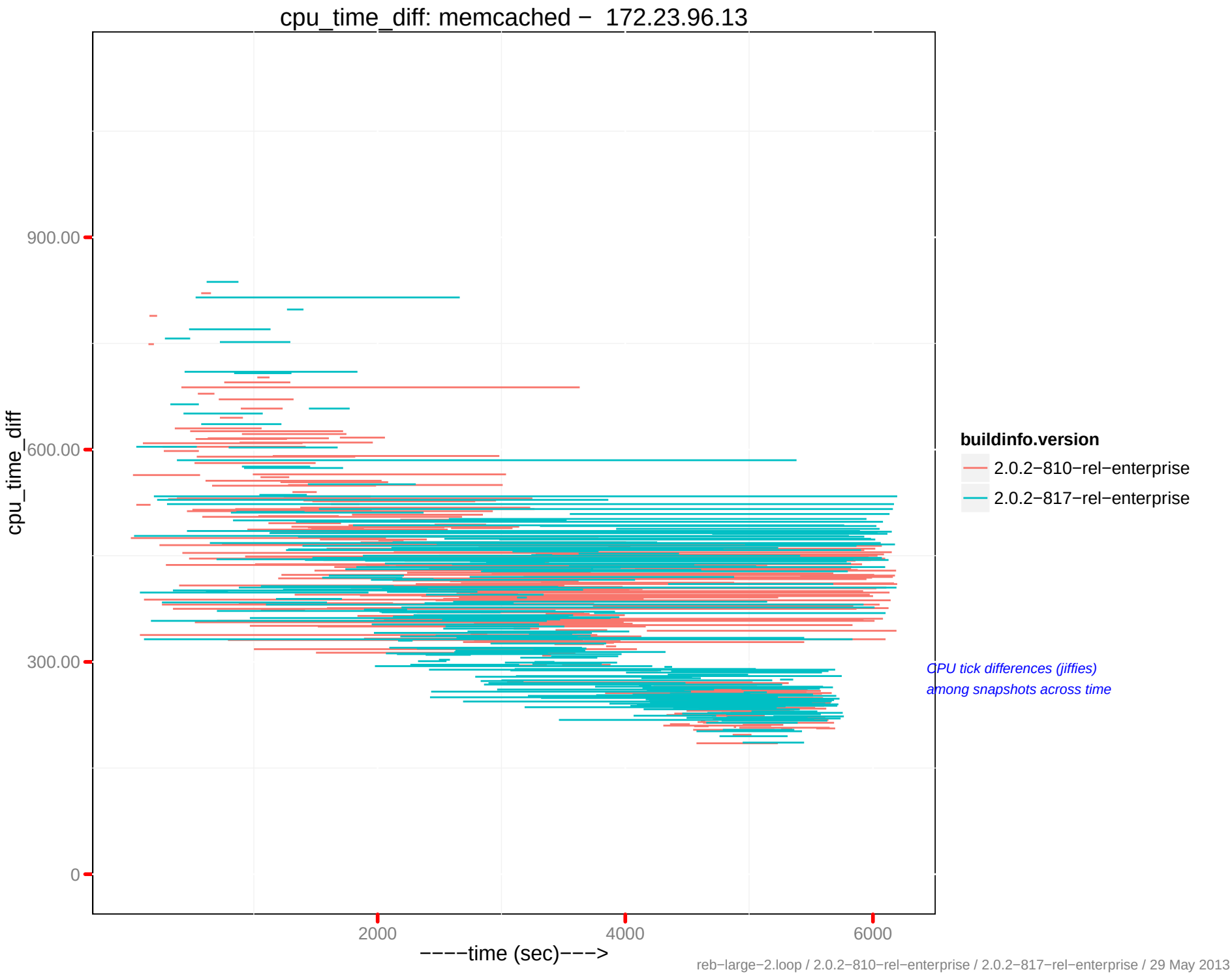

SWAP Usage − 172.23.96.14:8091
292.97K
195.31K
97.66K
0
Bytes
25
50
75
100
125
150
−−−−time (min)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013


cpu_time_diff: memcached − 172.23.96.11
750.00
500.00
250.00
0
cpu_time_diff
2000
4000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

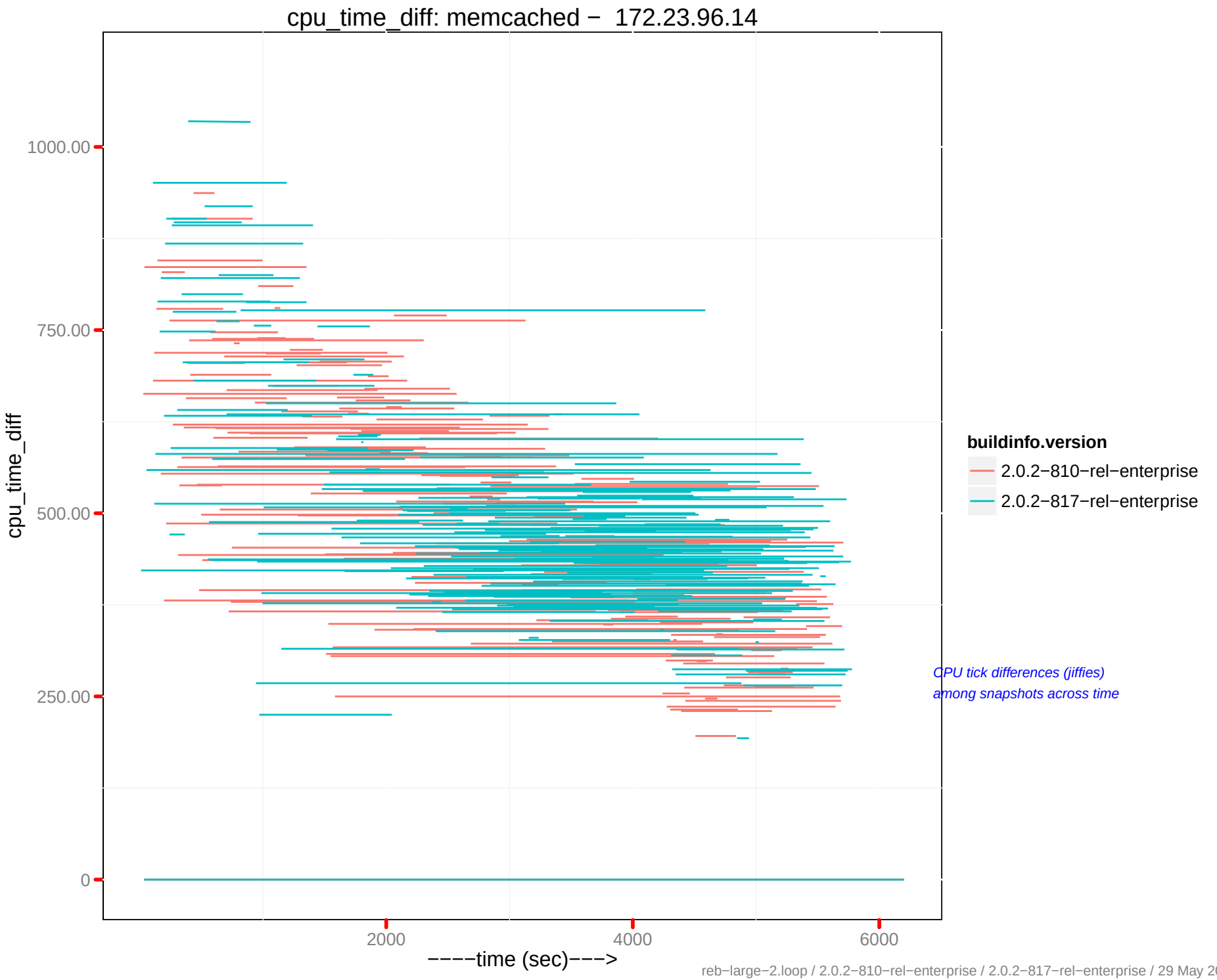

cpu_time_diff : beam.smp − 172.23.96.11
2.00
1.50
1.00
0.5
0
cpu_time_diff
2000
4000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

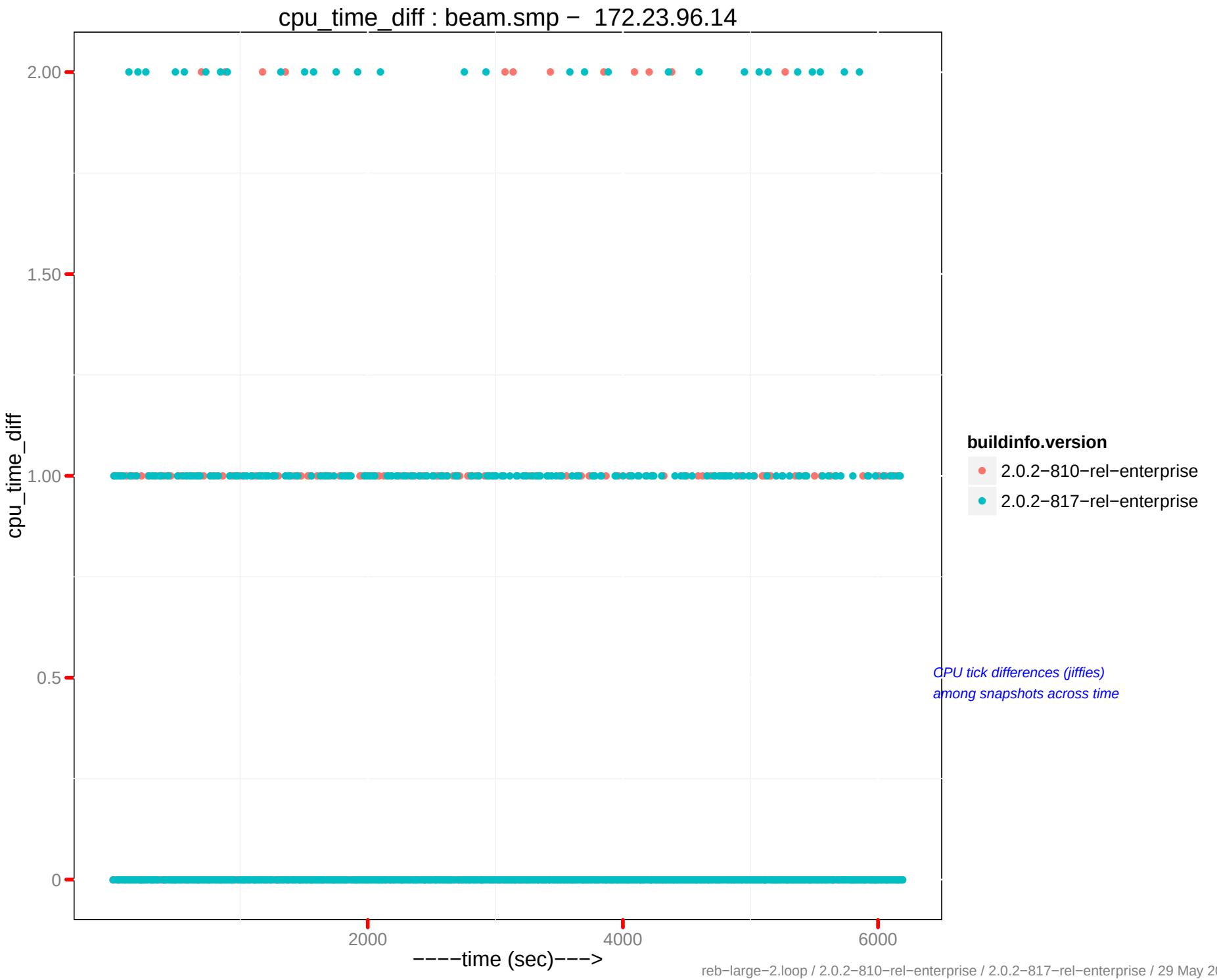

cpu_time_diff: memcached − 172.23.96.12
cpu_time_diff
750.00
500.00
250.00
0
2000
4000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

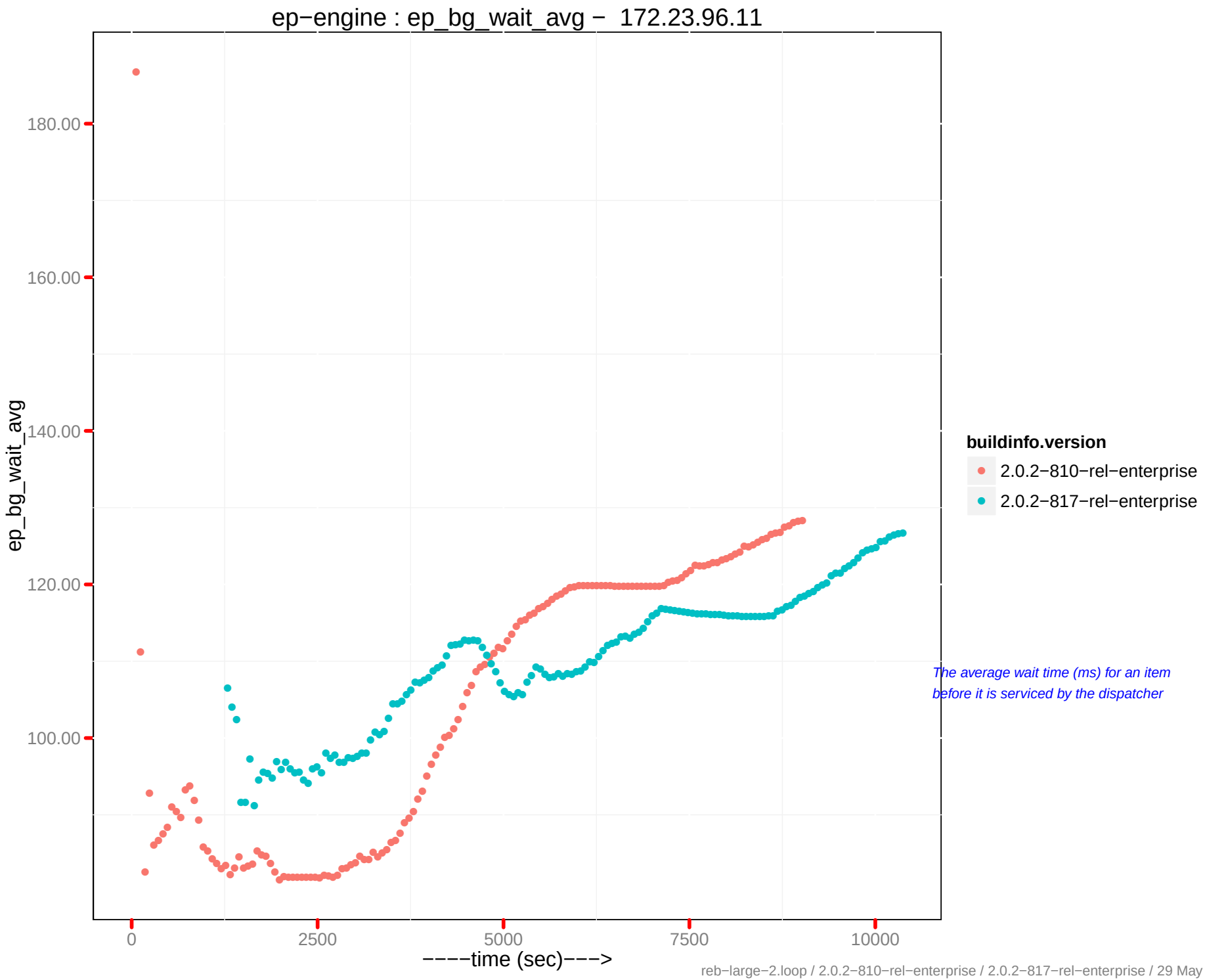

cpu_time_diff : beam.smp − 172.23.96.12
2.00
1.50
1.00
0.5
0
cpu_time_diff
2000
4000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

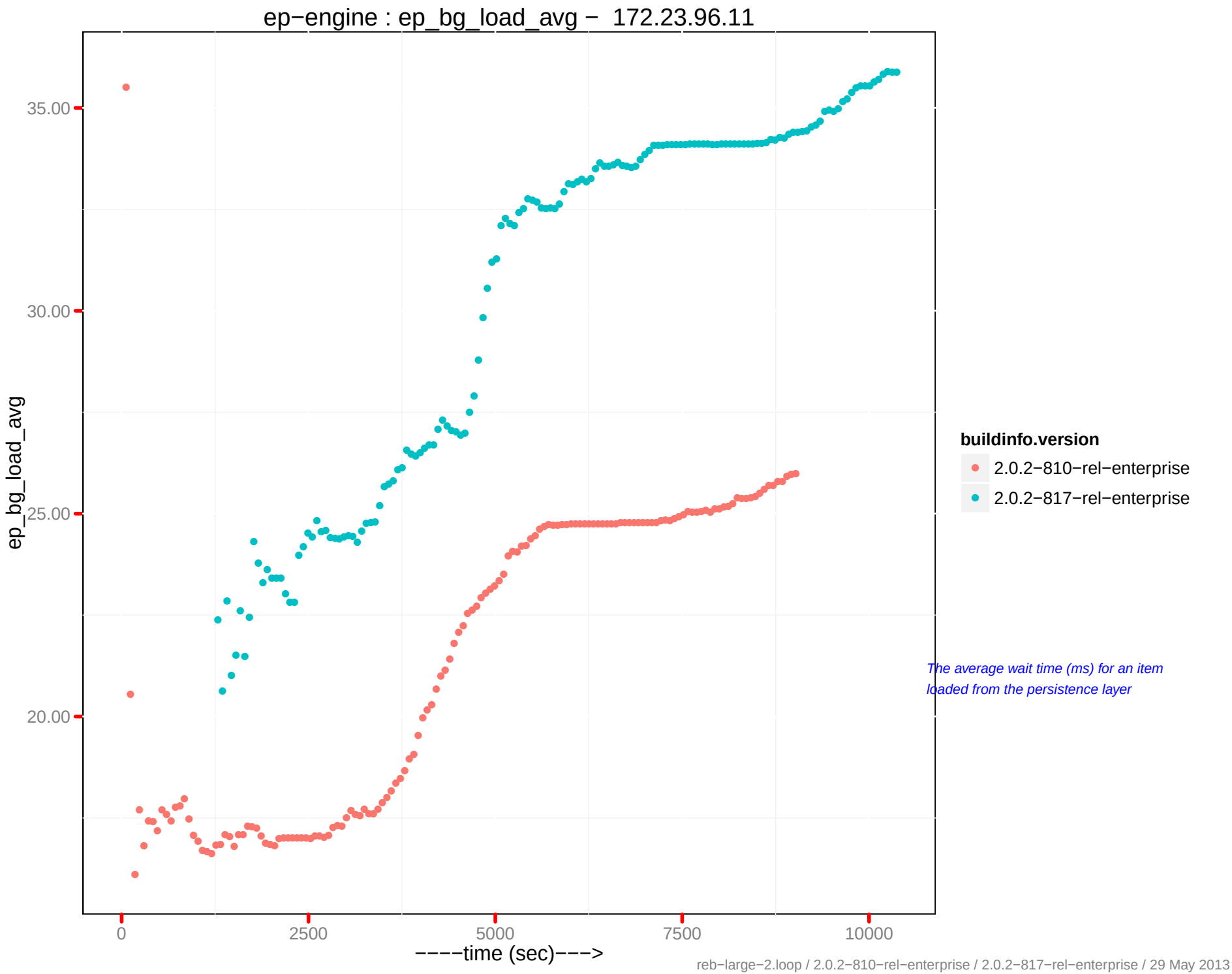

cpu_time_diff: memcached − 172.23.96.13
cpu_time_diff
900.00
600.00
300.00
0
2000
4000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

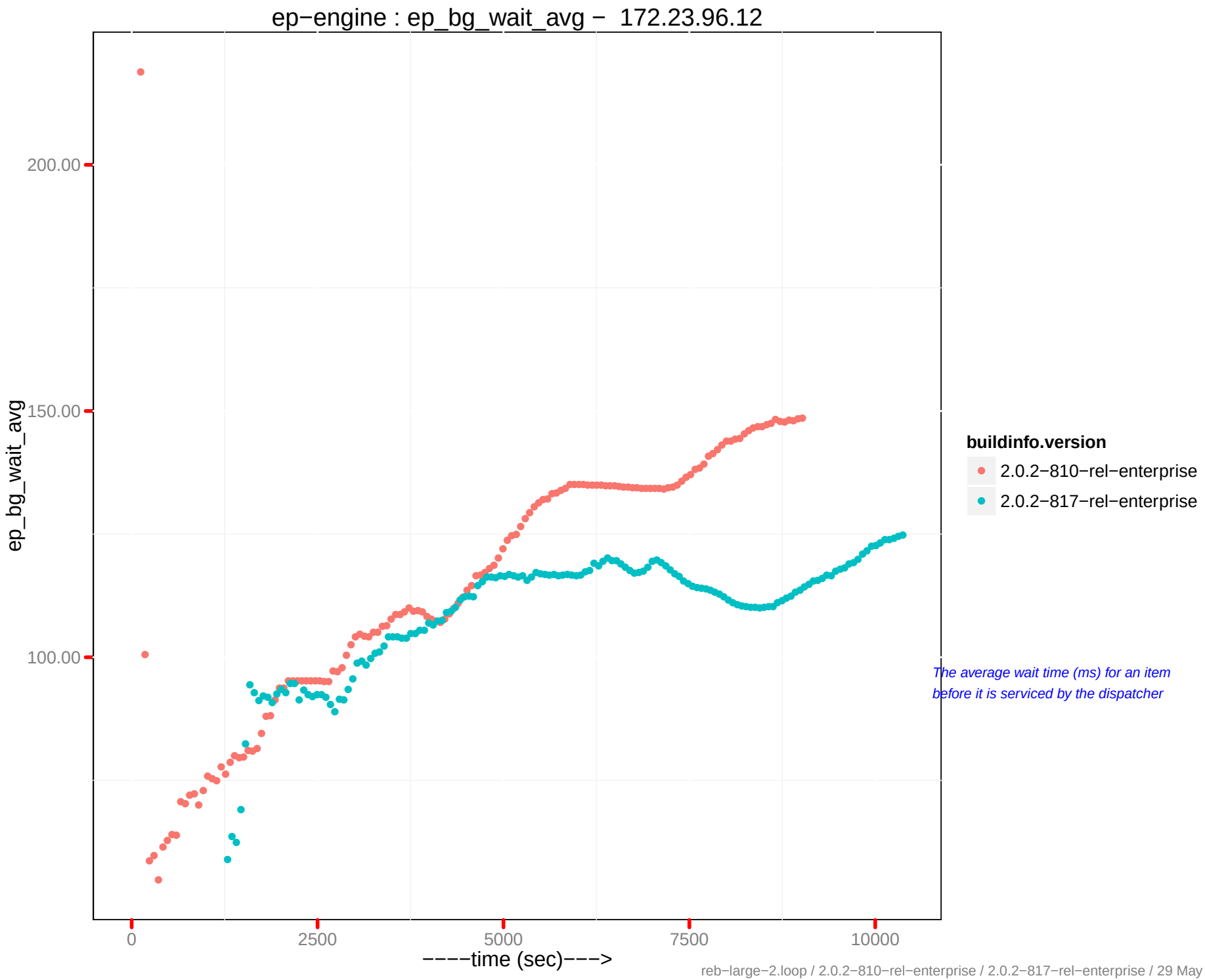

cpu_time_diff : beam.smp − 172.23.96.13
2.00
1.50
1.00
0.5
0
cpu_time_diff
2000
4000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

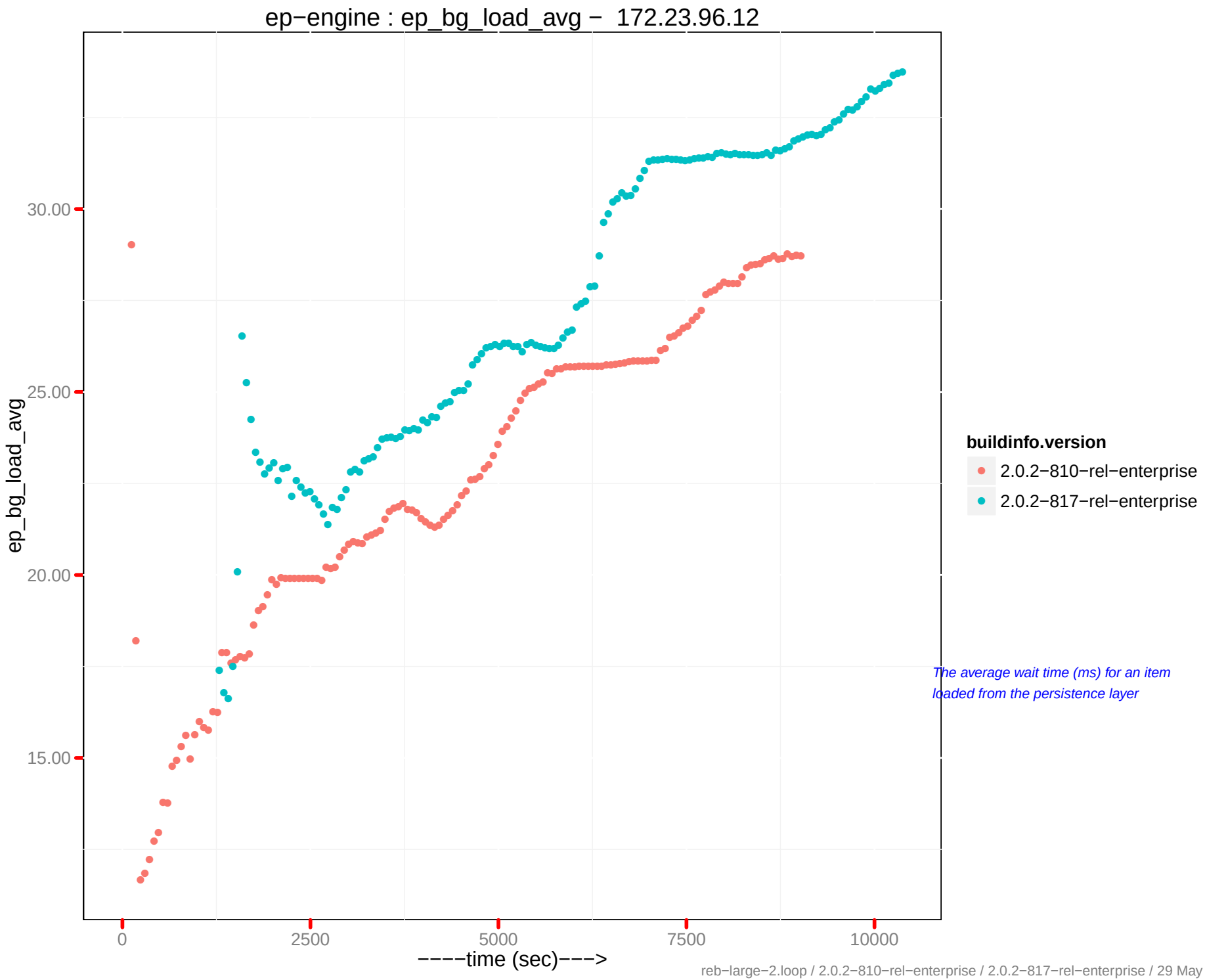

cpu_time_diff: memcached − 172.23.96.14
1000.00
750.00
500.00
250.00
0
cpu_time_diff
2000
4000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

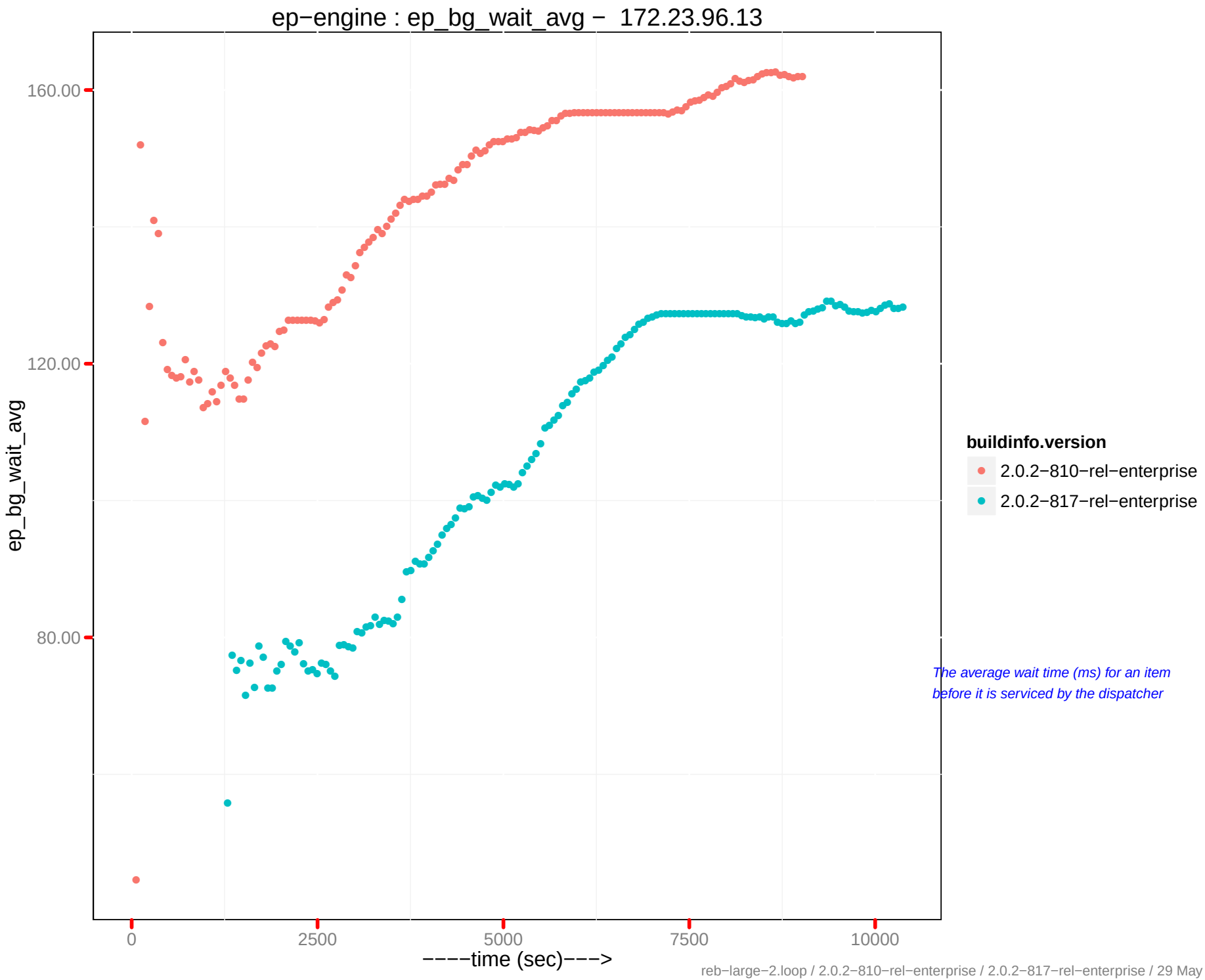

cpu_time_diff : beam.smp − 172.23.96.14
2.00
1.50
1.00
0.5
0
cpu_time_diff
2000
4000
6000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

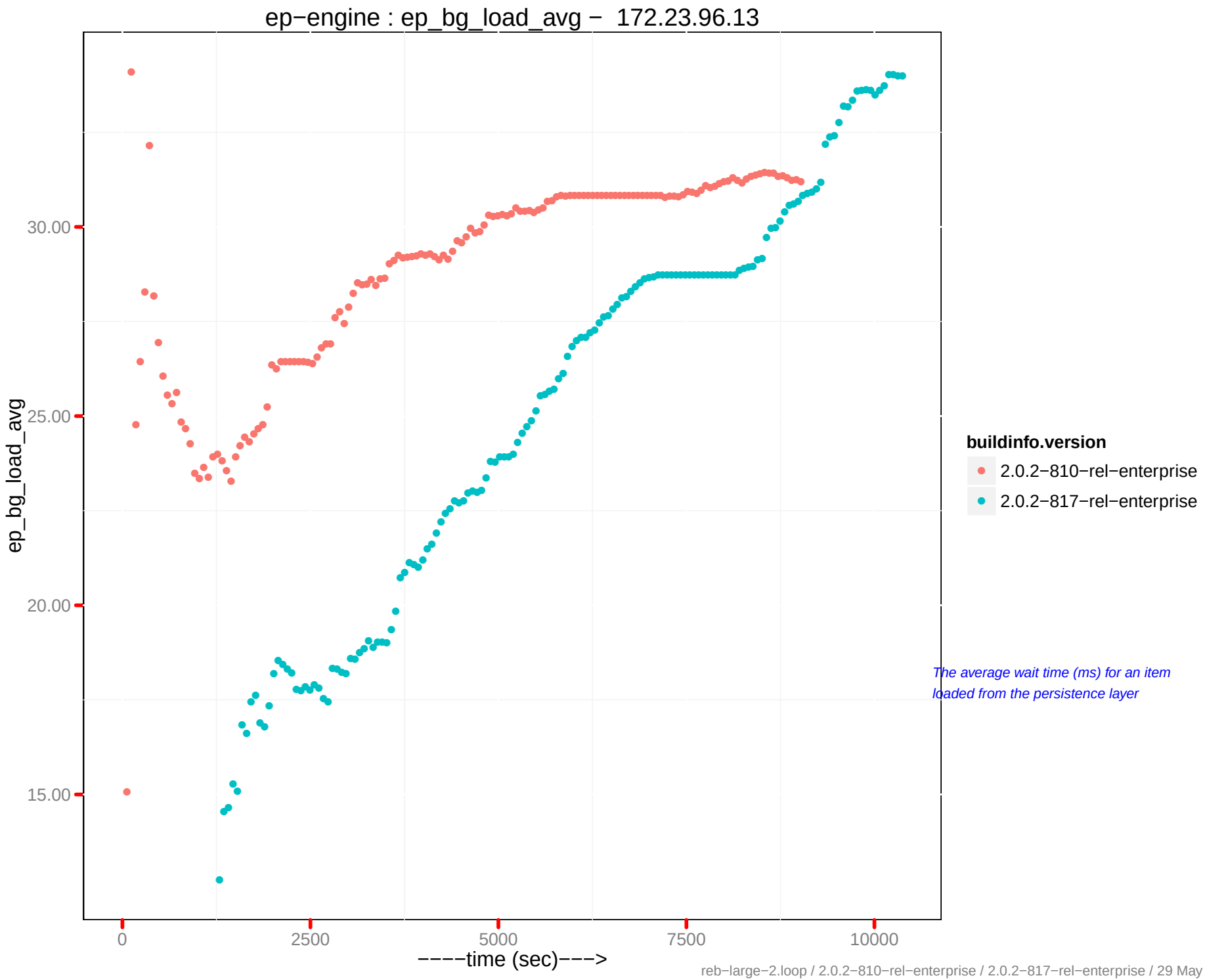

ep−engine : ep_bg_wait_avg − 172.23.96.11
ep_bg_wait_avg
180.00
160.00
140.00
120.00
100.00
0
2500
5000
7500
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

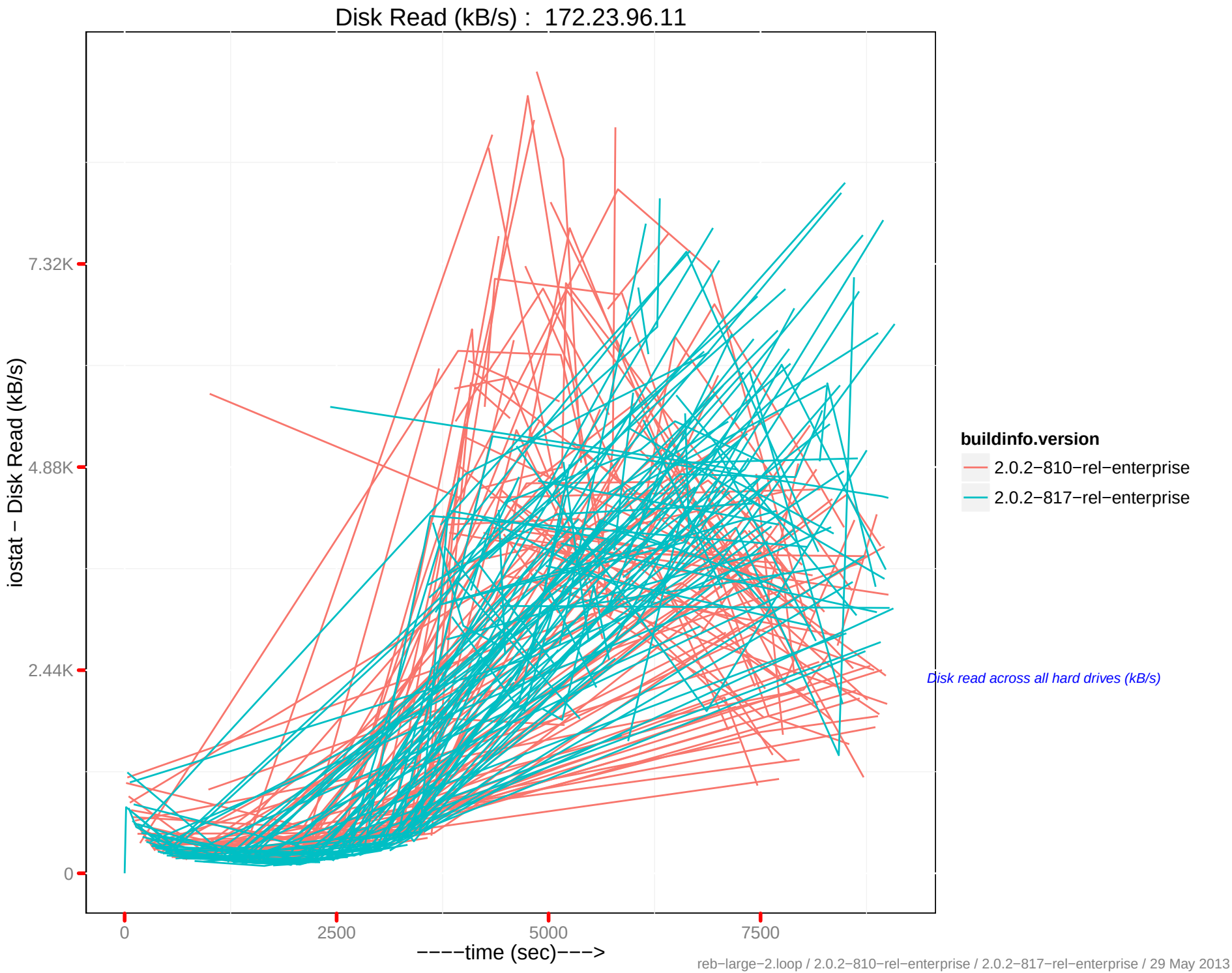

ep−engine : ep_bg_load_avg − 172.23.96.11
35.00
30.00
25.00
20.00
ep_bg_load_avg
0
2500
5000
7500
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

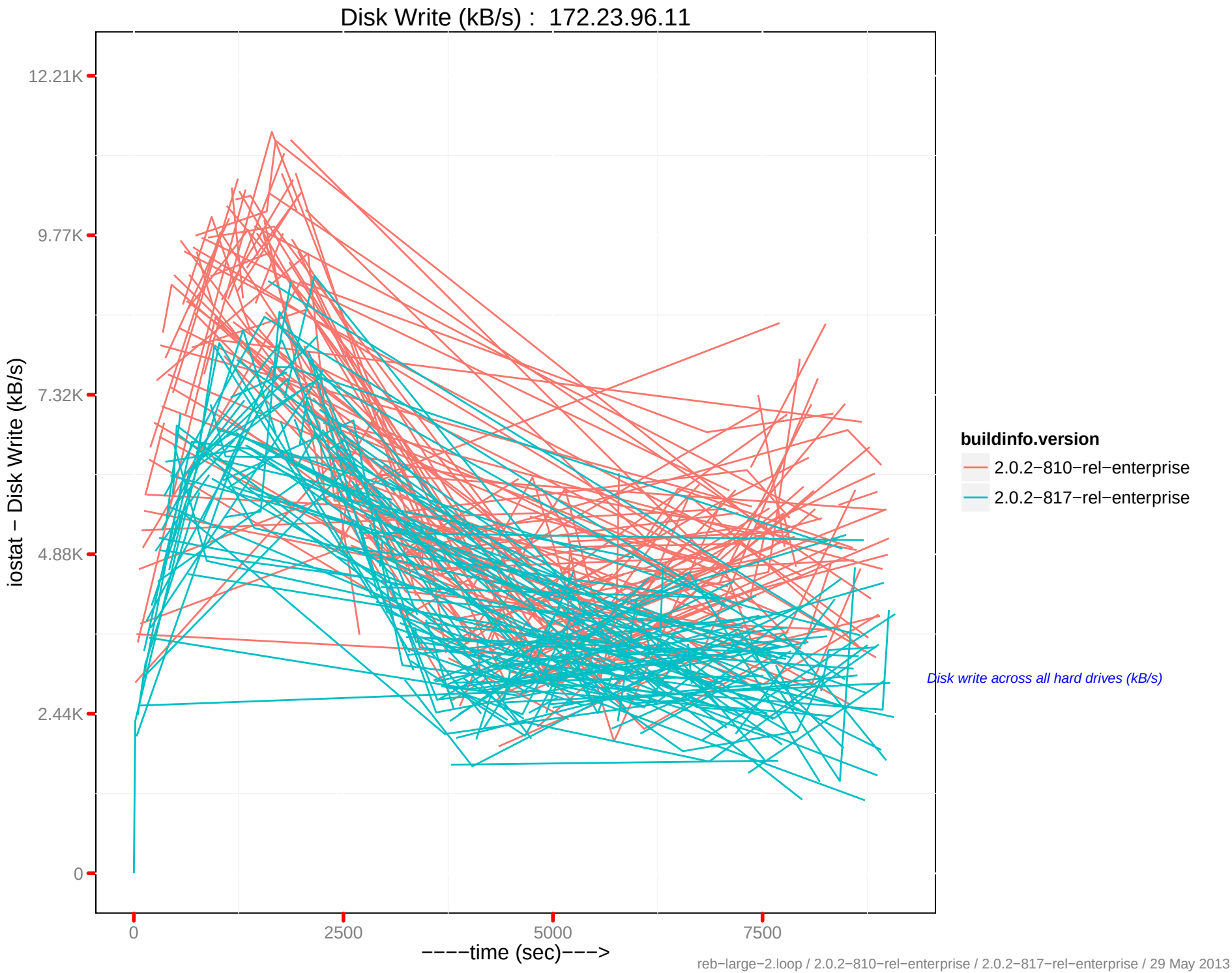

ep−engine : ep_bg_wait_avg − 172.23.96.12
ep_bg_wait_avg
200.00
150.00
100.00
0
2500
5000
7500
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

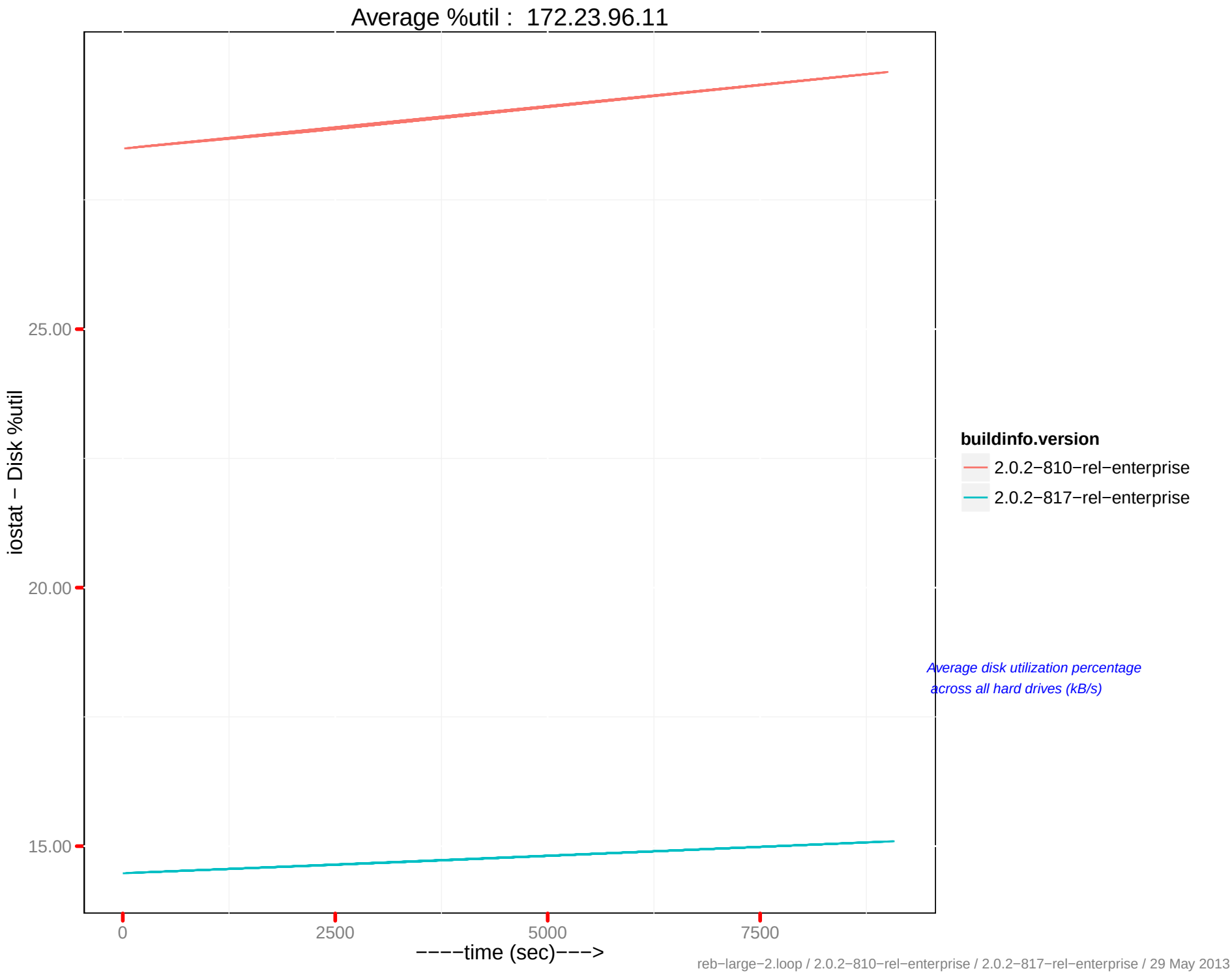

ep−engine : ep_bg_load_avg − 172.23.96.12
ep_bg_load_avg
30.00
25.00
20.00
15.00
0
2500
5000
7500
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

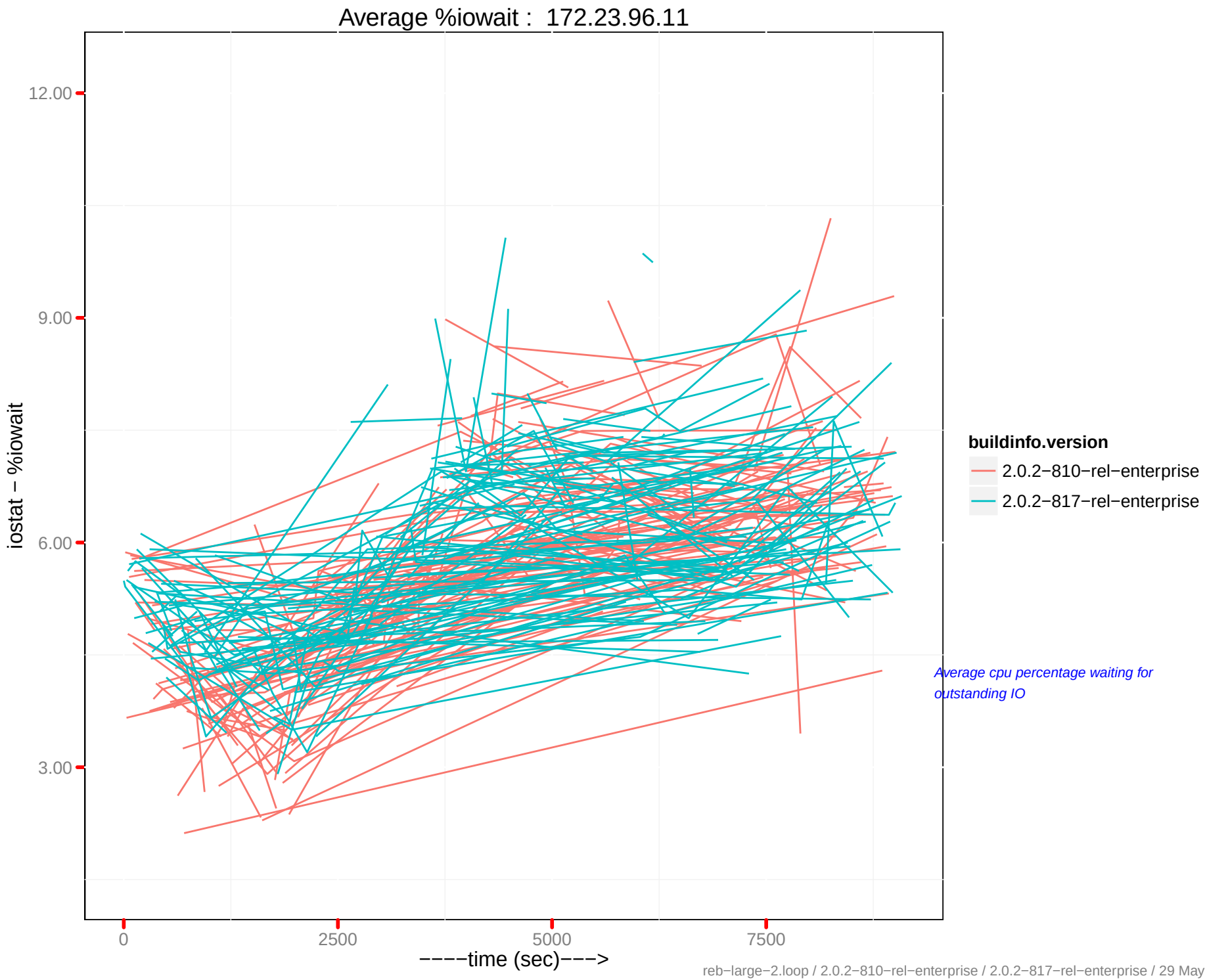

ep−engine : ep_bg_wait_avg − 172.23.96.13
160.00
120.00
80.00
ep_bg_wait_avg
0
2500
5000
7500
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

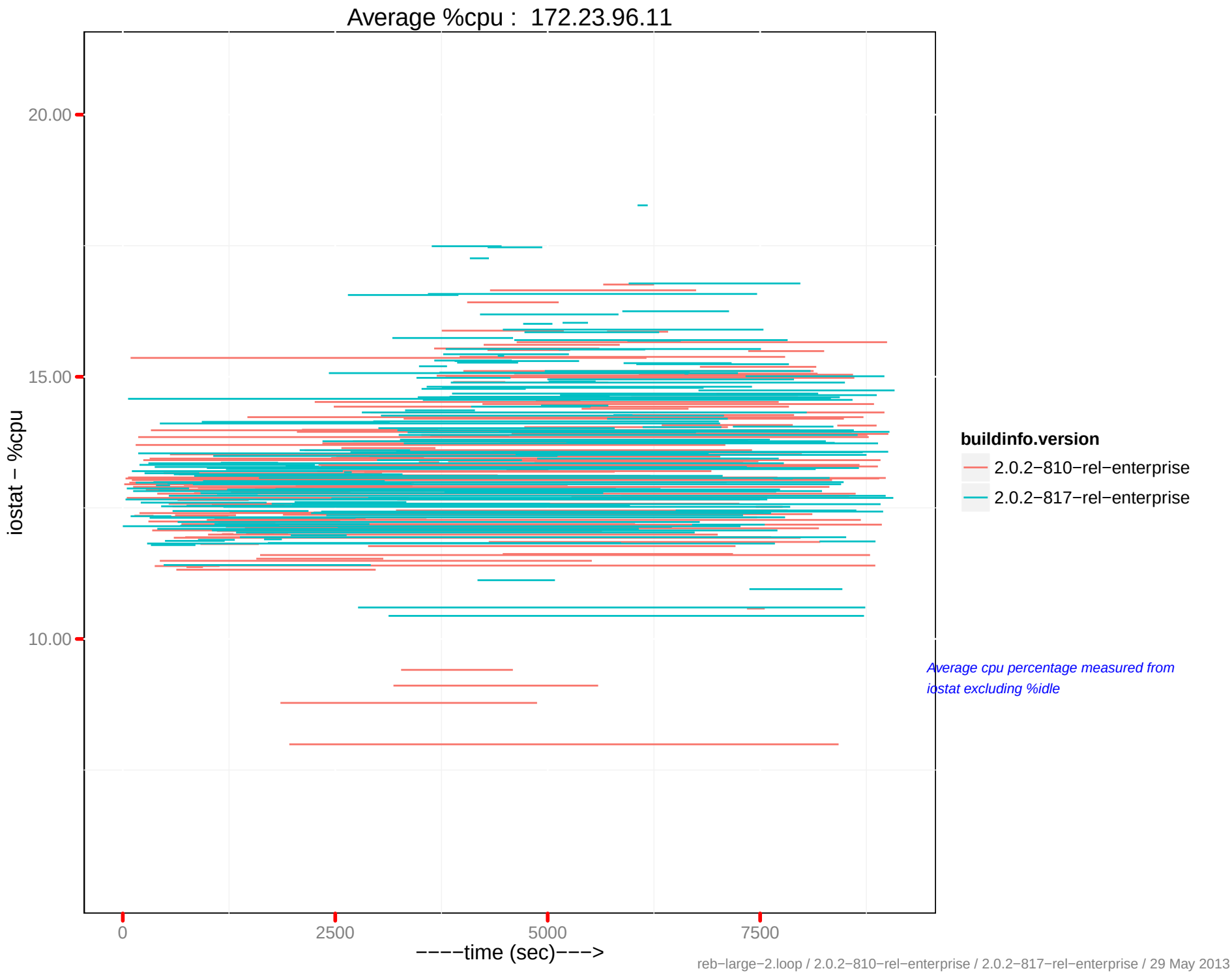

ep−engine : ep_bg_load_avg − 172.23.96.13
ep_bg_load_avg
30.00
25.00
20.00
15.00
0
2500
5000
7500
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

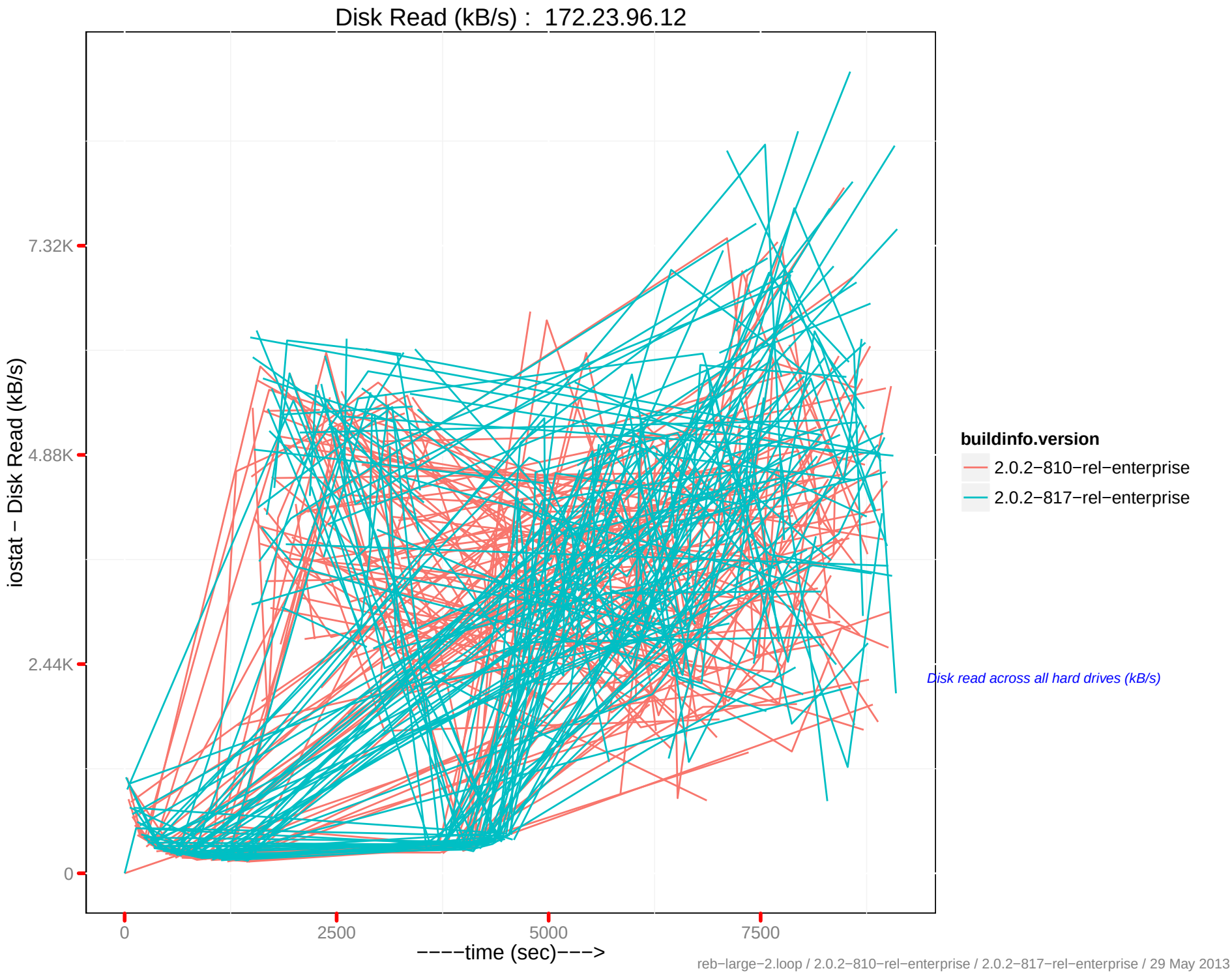

Disk Read (kB/s) : 172.23.96.11
iostat – Disk Read (kB/s)
7.32K
4.88K
2.44K
0
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2–810–rel–enterprise
2.0.2–817–rel–enterprise
Disk read across all hard drives (kB/s)
reb–large–2.loop / 2.0.2–810–rel–enterprise / 2.0.2–817–rel–enterprise / 29 May 2013

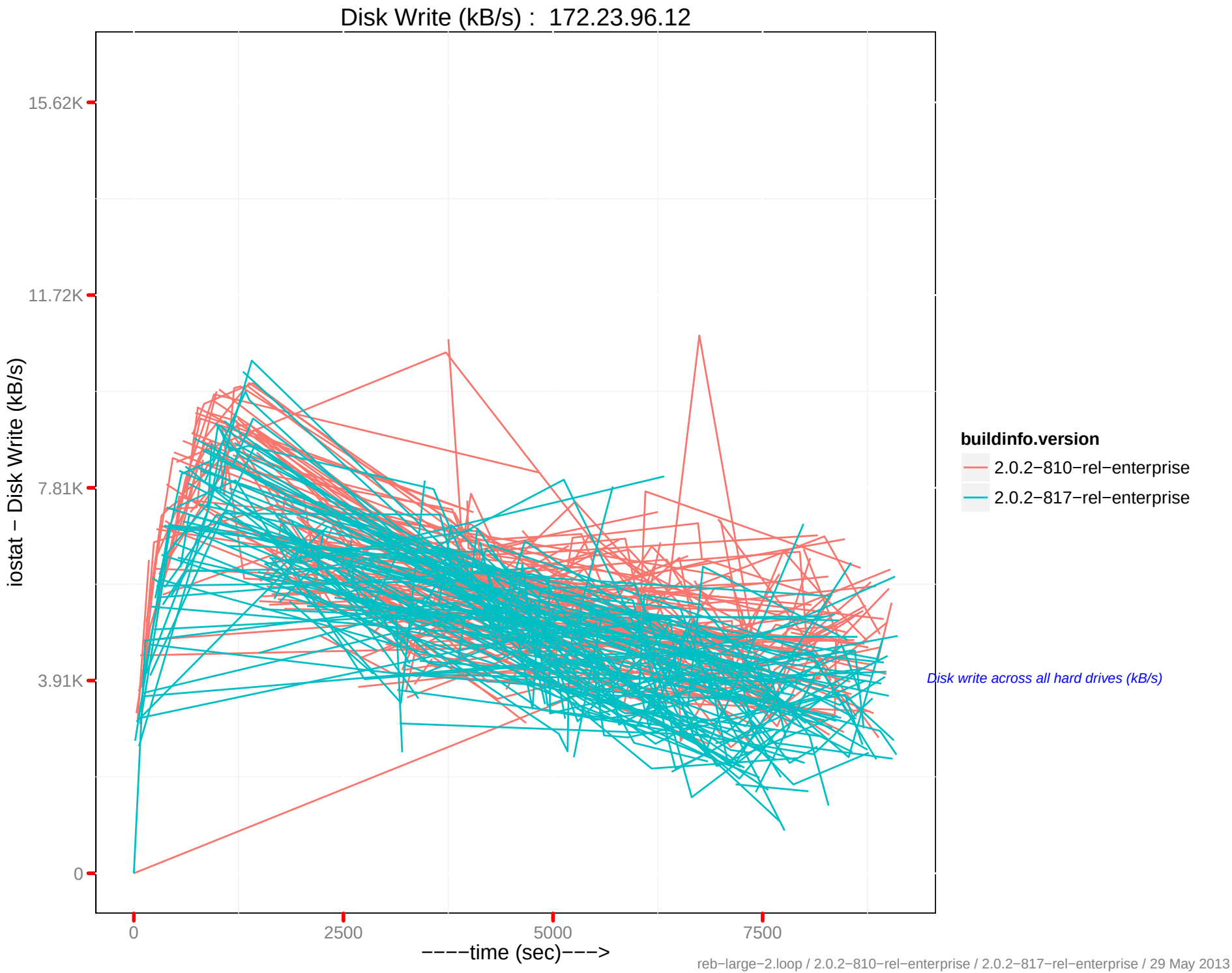

Disk Write (kB/s) : 172.23.96.11
12.21K
9.77K
7.32K
4.88K
2.44K
0
iostat – Disk Write (kB/s)
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2–810–rel–enterprise
2.0.2–817–rel–enterprise
Disk write across all hard drives (kB/s)
reb–large–2.loop / 2.0.2–810–rel–enterprise / 2.0.2–817–rel–enterprise / 29 May 2013

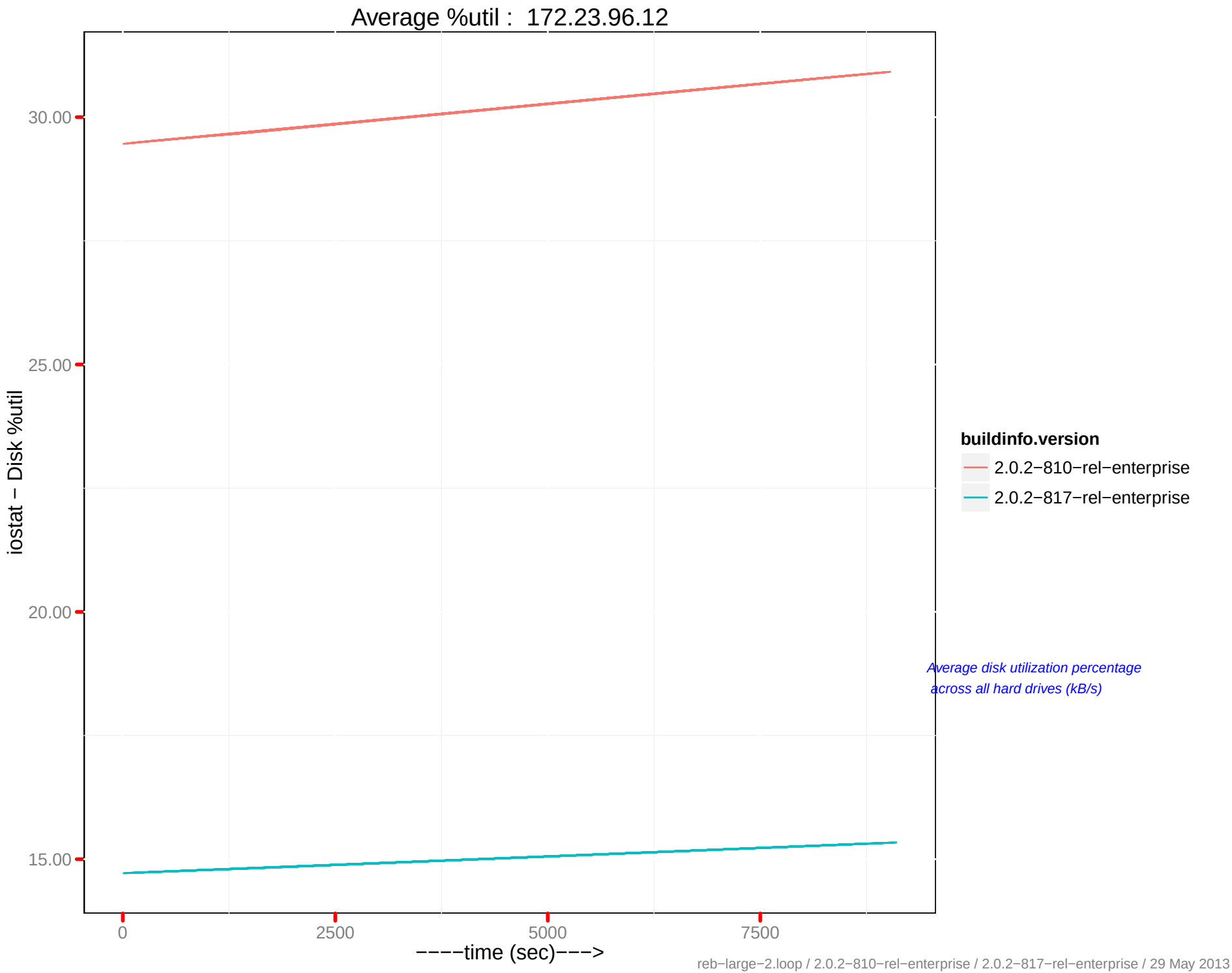

Average %util : 172.23.96.11
iostat − Disk %util
25.00
20.00
15.00
0
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Average disk utilization percentage
across all hard drives (kB/s)
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

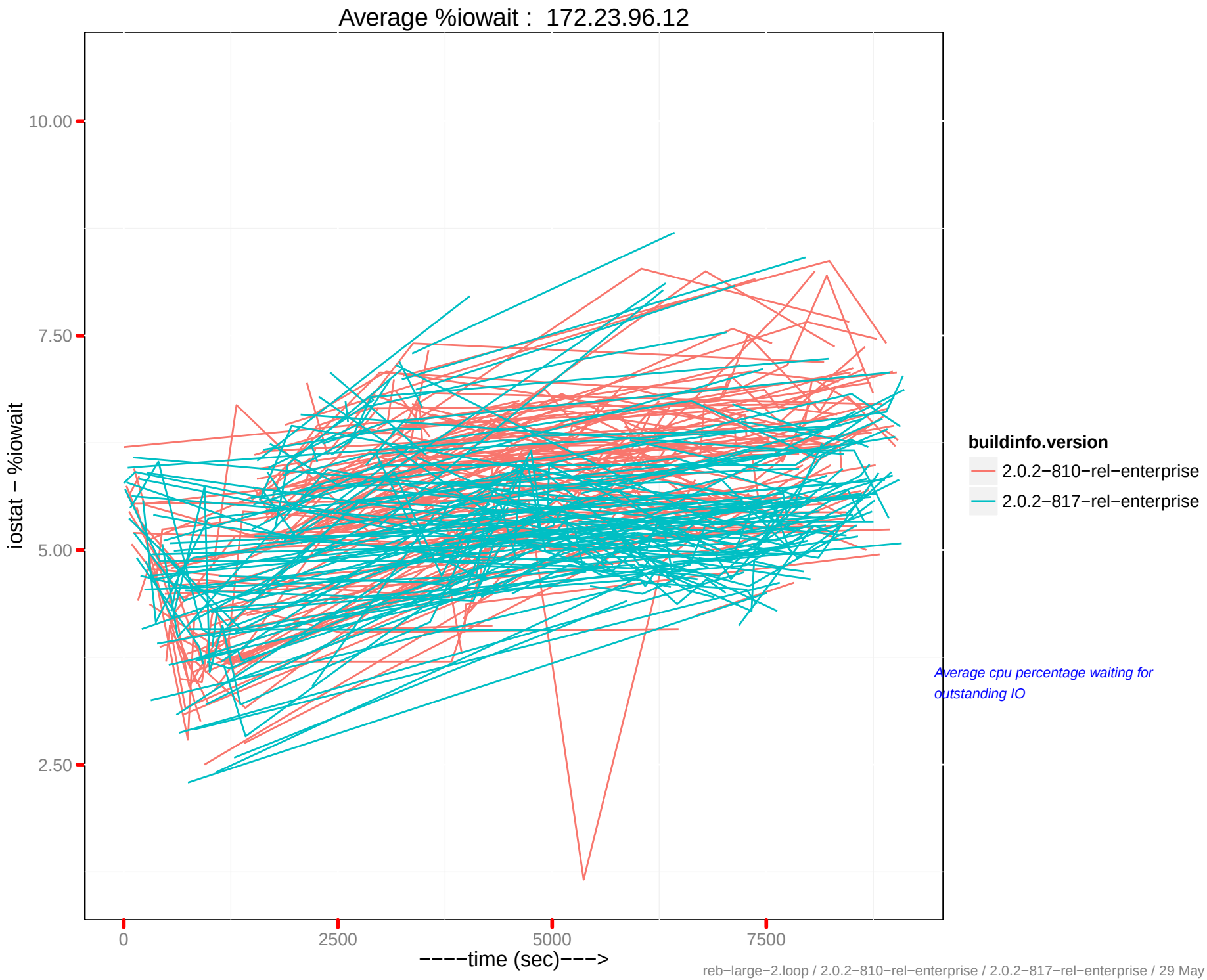

Average %iowait : 172.23.96.11
12.00
9.00
6.00
3.00
iostat – %iowait
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Average cpu percentage waiting for outstanding IO
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

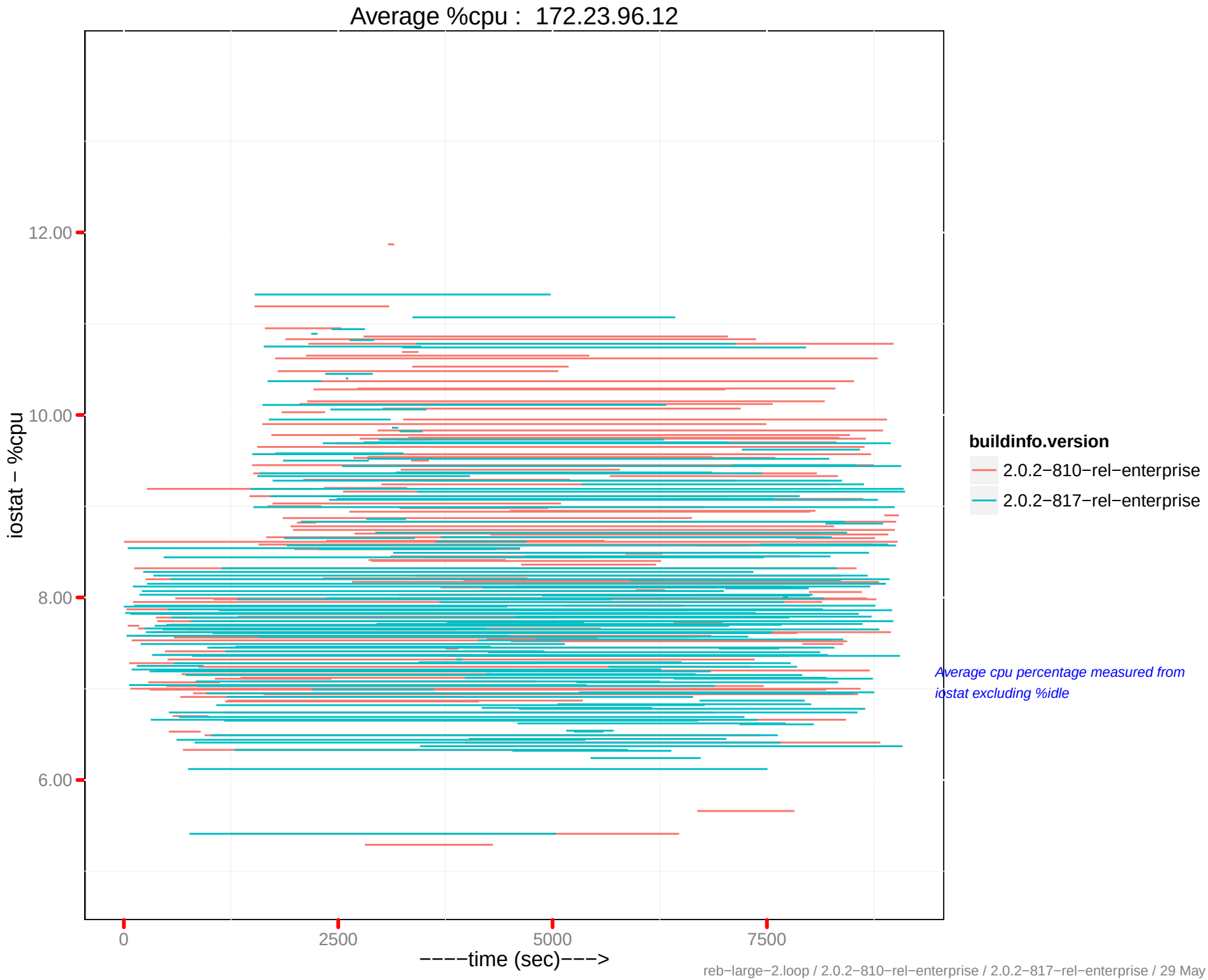

Average %cpu : 172.23.96.11
20.00
15.00
10.00
iostat – %cpu
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Average cpu percentage measured from iostat excluding %idle
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

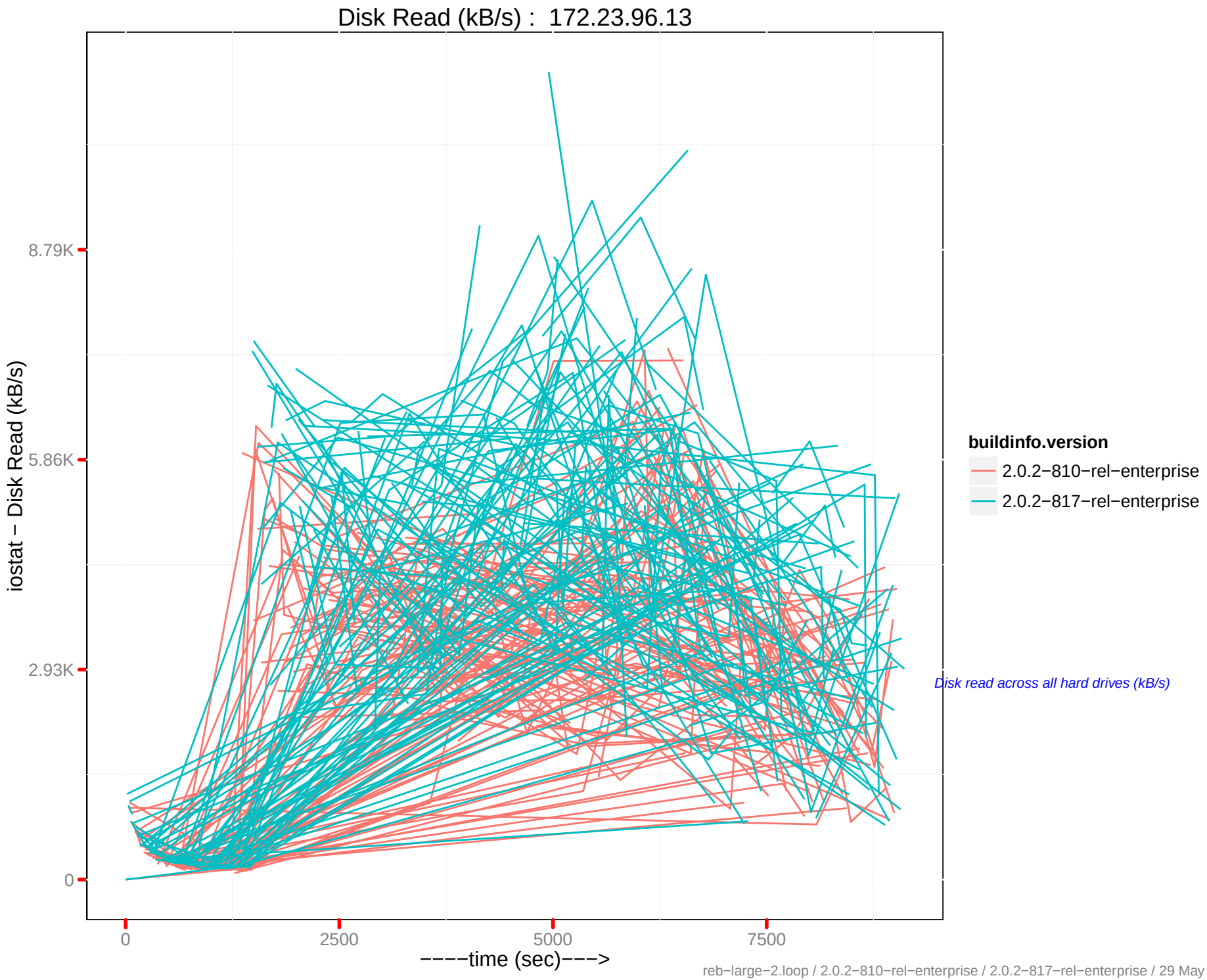

Disk Read (kB/s) : 172.23.96.12
iostat – Disk Read (kB/s)
7.32K
4.88K
2.44K
0
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2–810–rel–enterprise
2.0.2–817–rel–enterprise
Disk read across all hard drives (kB/s)
reb–large–2.loop / 2.0.2–810–rel–enterprise / 2.0.2–817–rel–enterprise / 29 May 2013

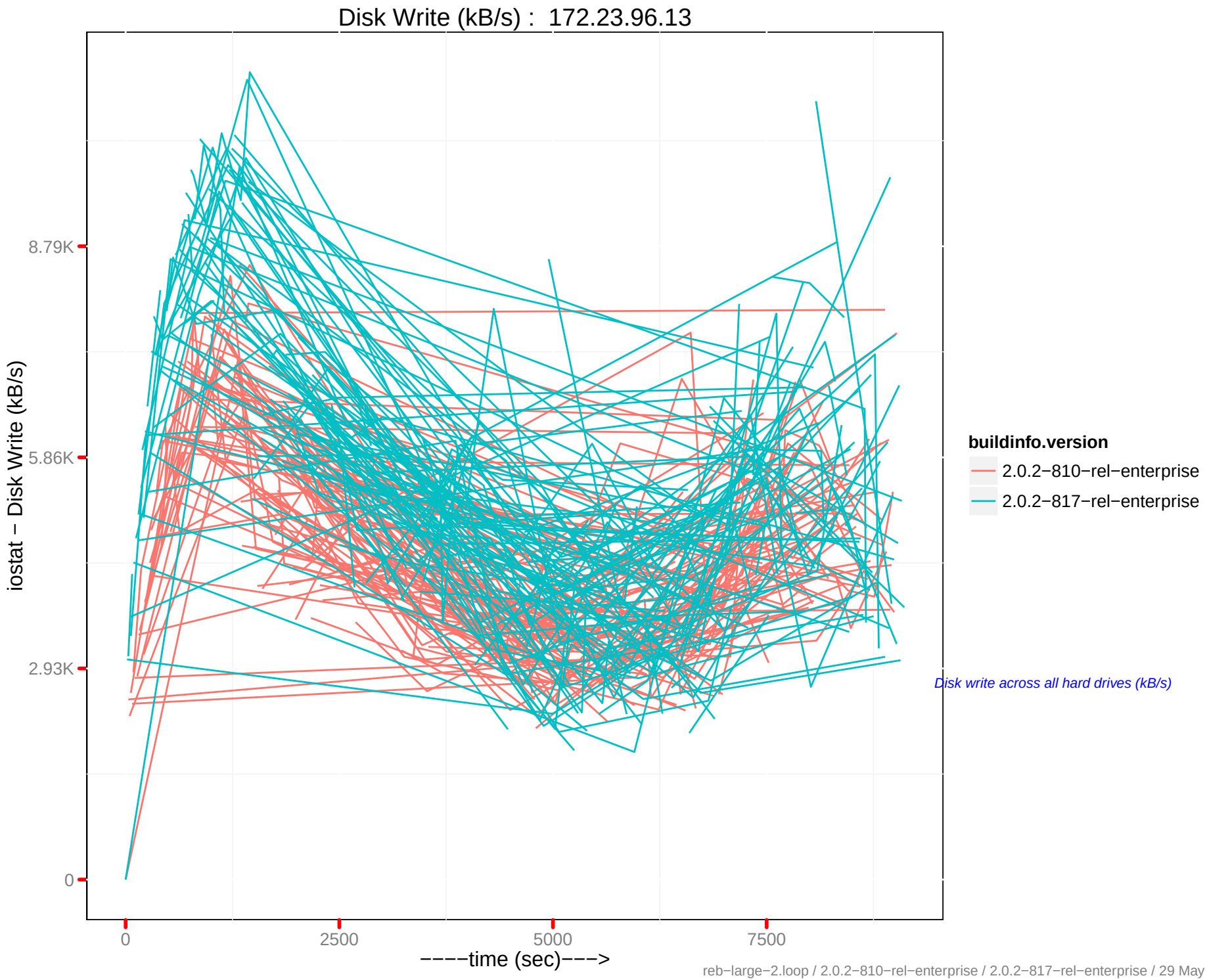

Disk Write (kB/s) : 172.23.96.12
15.62K
11.72K
7.81K
3.91K
0
iostat – Disk Write (kB/s)
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2–810–rel–enterprise
2.0.2–817–rel–enterprise
Disk write across all hard drives (kB/s)
reb–large–2.loop / 2.0.2–810–rel–enterprise / 2.0.2–817–rel–enterprise / 29 May 2013

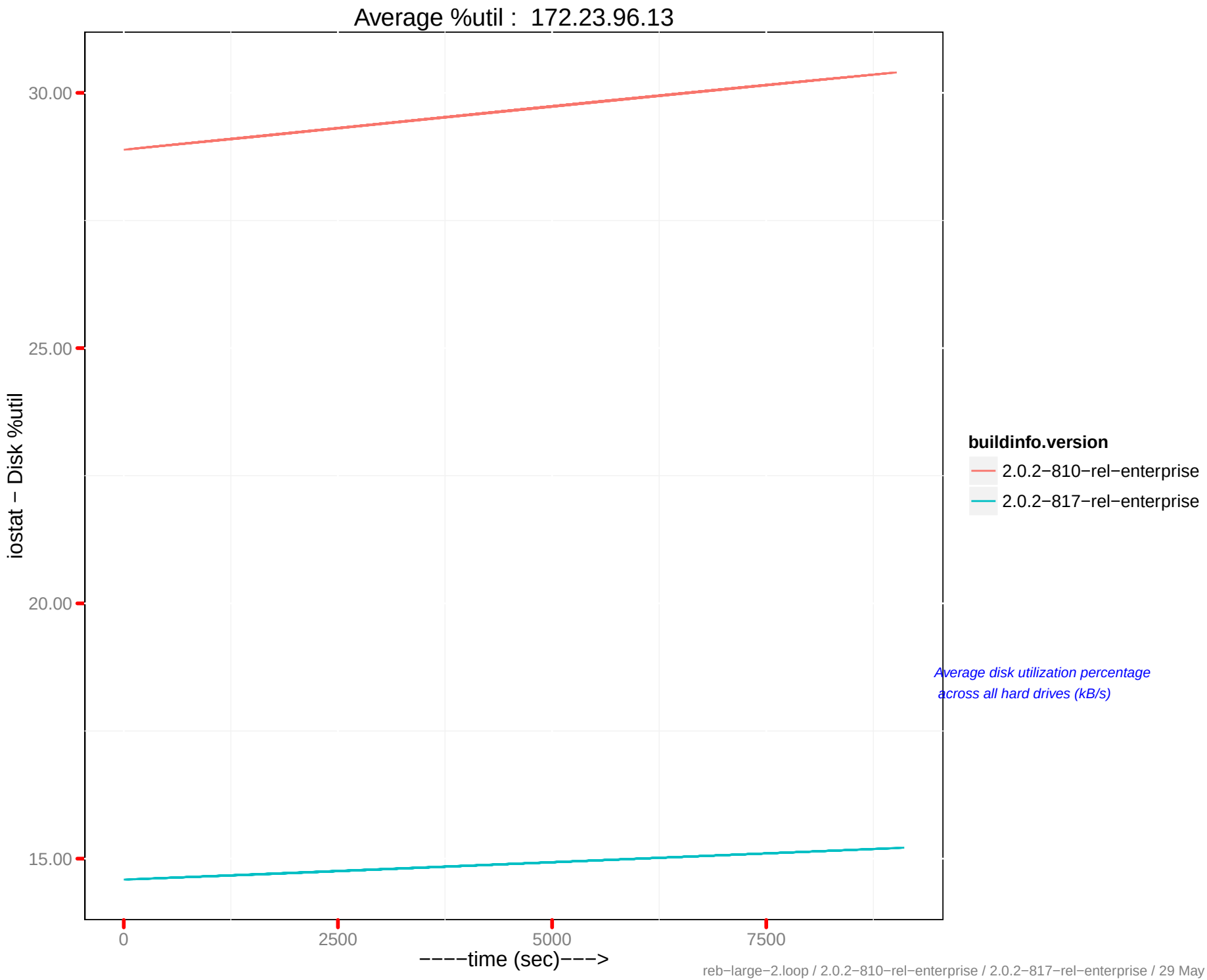

Average %util : 172.23.96.12
30.00
25.00
20.00
15.00
iostat – Disk %util
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2–810–rel–enterprise
2.0.2–817–rel–enterprise
Average disk utilization percentage
across all hard drives (kB/s)
reb–large–2.loop / 2.0.2–810–rel–enterprise / 2.0.2–817–rel–enterprise / 29 May 2013

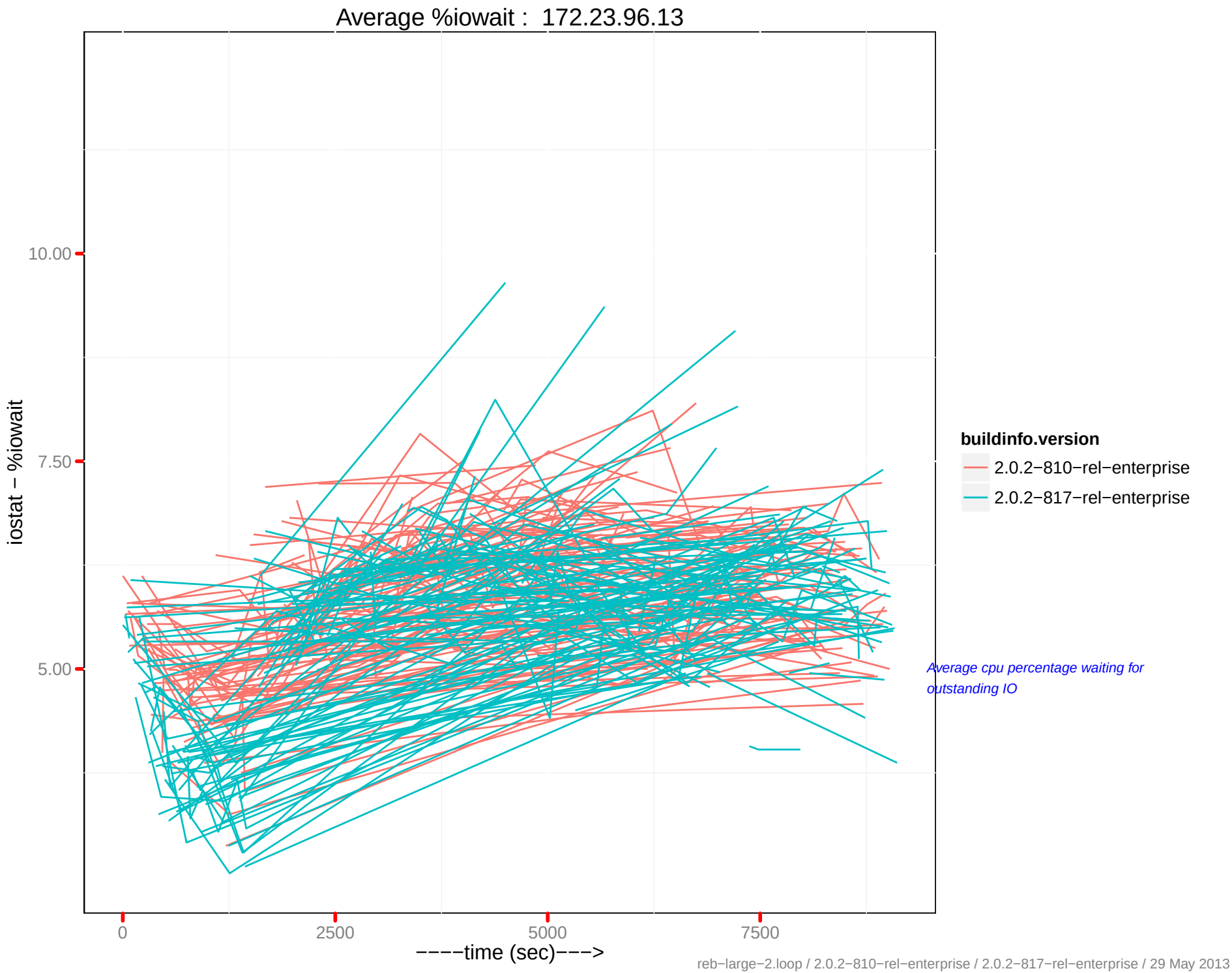

Average %iowait : 172.23.96.12
10.00
7.50
5.00
2.50
iostat – %iowait
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Average cpu percentage waiting for outstanding IO
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

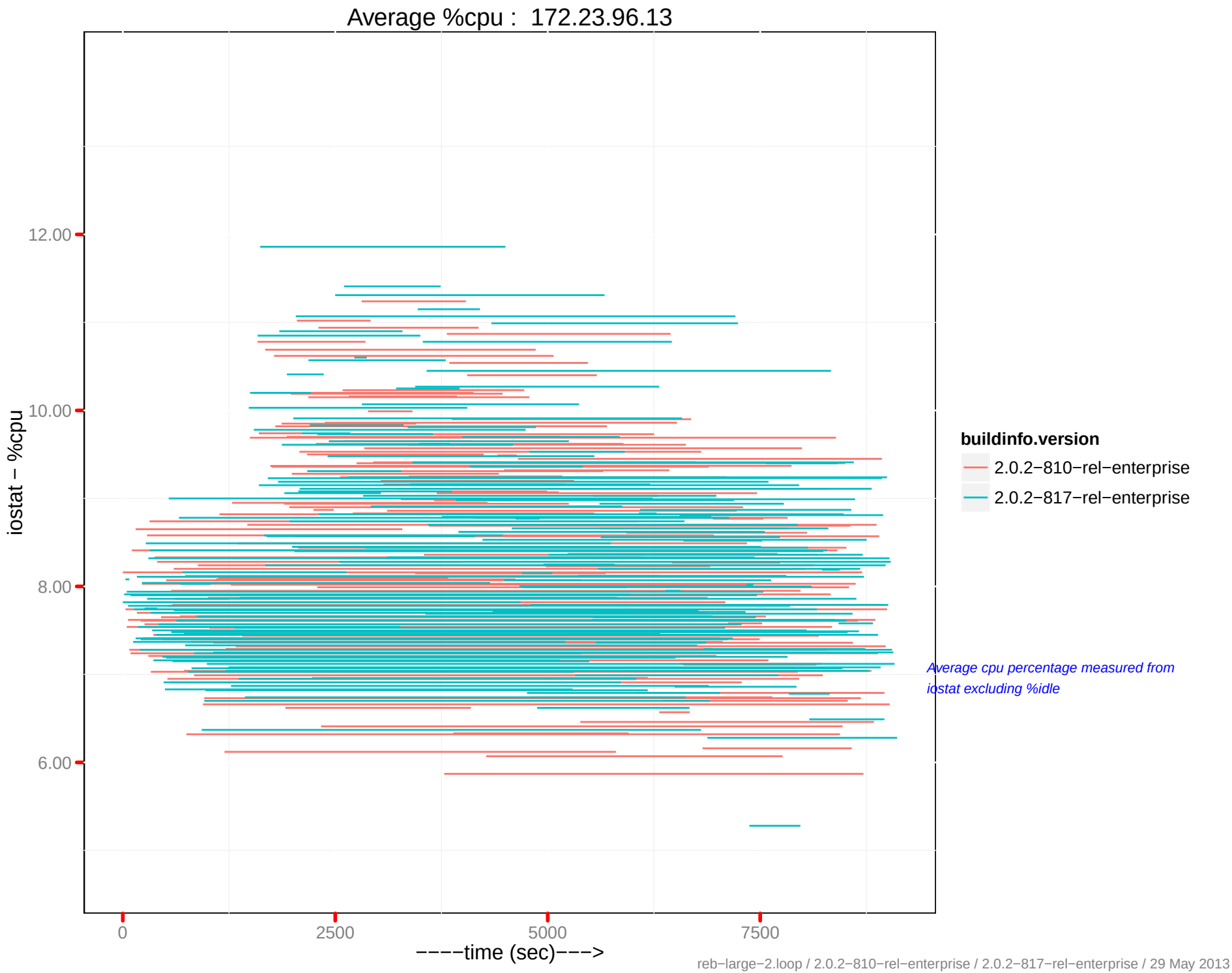

Average %cpu : 172.23.96.12
iostat – %cpu
12.00
10.00
8.00
6.00
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Average cpu percentage measured from iostat excluding %idle
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

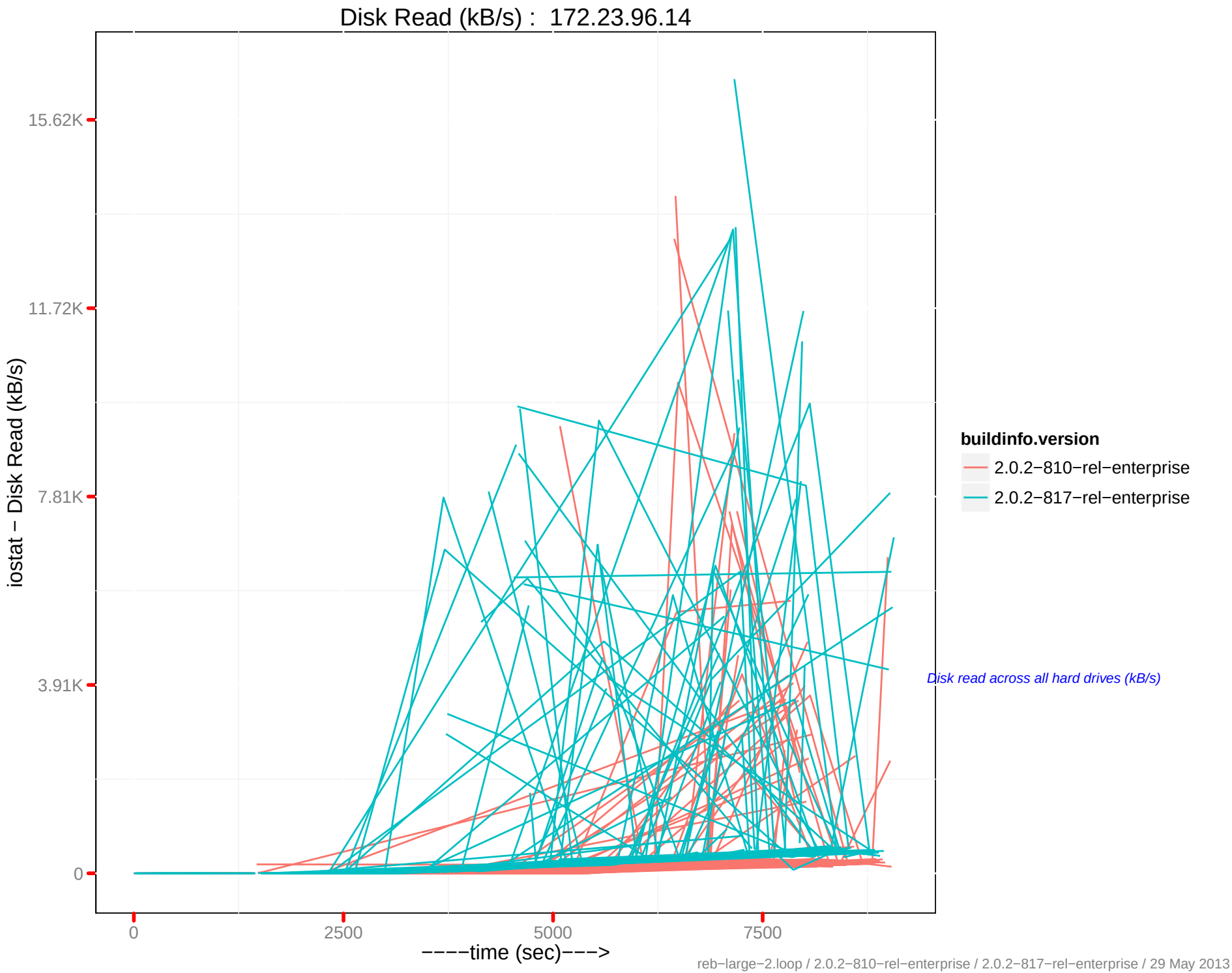

Disk Read (kB/s) : 172.23.96.13
iostat – Disk Read (kB/s)
8.79K
5.86K
2.93K
0
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2–810–rel–enterprise
2.0.2–817–rel–enterprise
Disk read across all hard drives (kB/s)
reb–large–2.loop / 2.0.2–810–rel–enterprise / 2.0.2–817–rel–enterprise / 29 May 2013

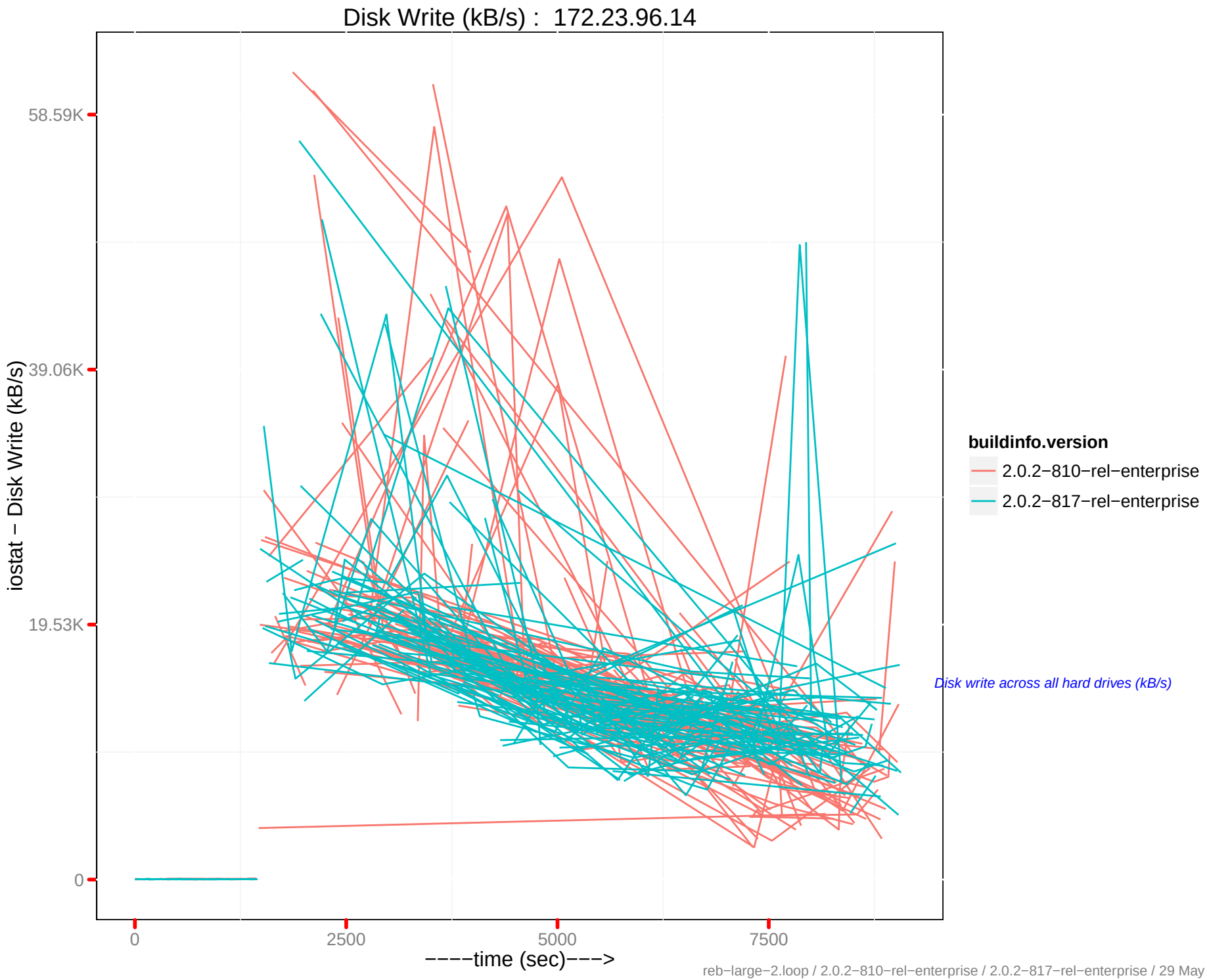

Disk Write (kB/s) : 172.23.96.13
iostat – Disk Write (kB/s)
8.79K
5.86K
2.93K
0
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2–810–rel–enterprise
2.0.2–817–rel–enterprise
Disk write across all hard drives (kB/s)
reb–large–2.loop / 2.0.2–810–rel–enterprise / 2.0.2–817–rel–enterprise / 29 May 2013

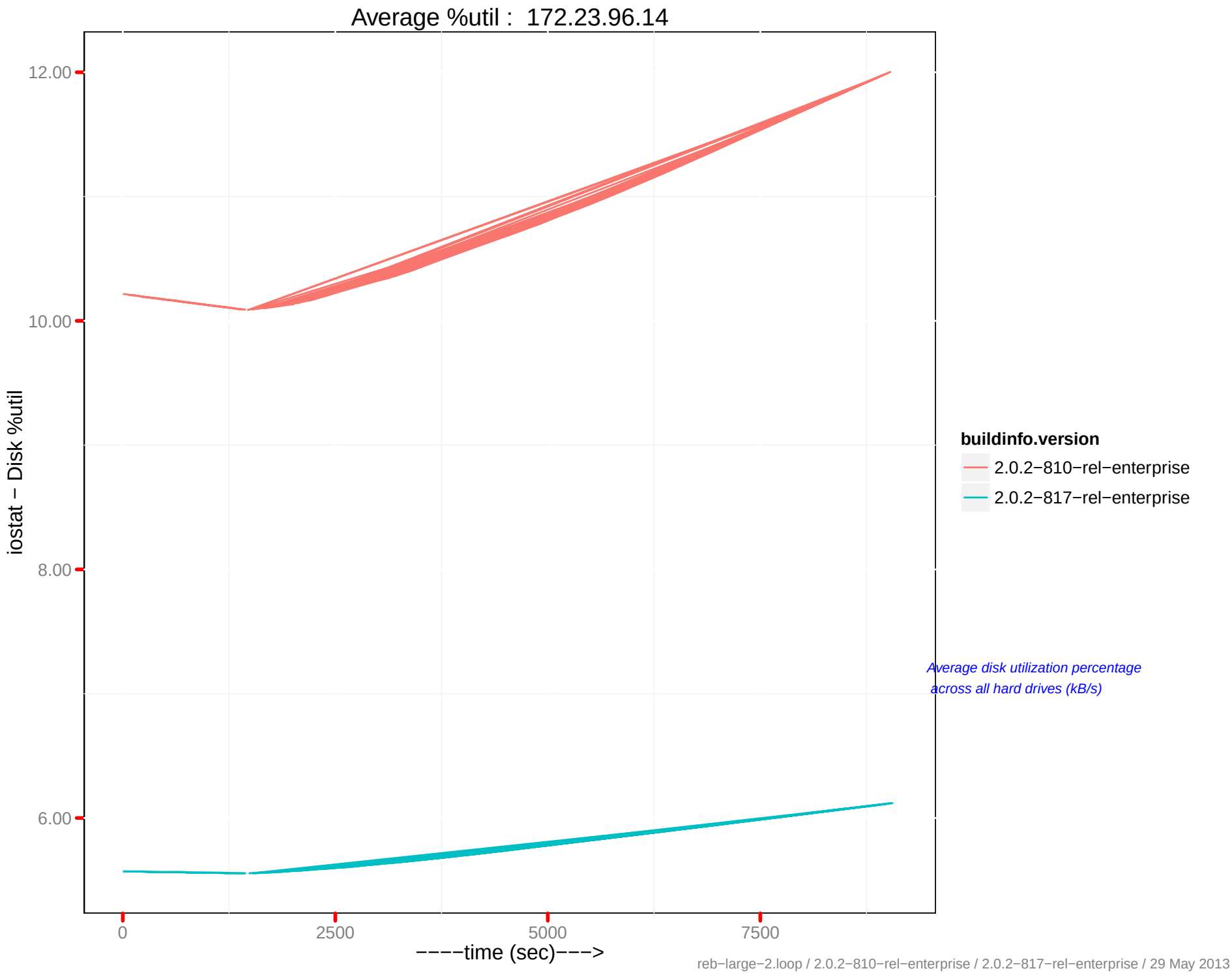

Average %util : 172.23.96.13
30.00
25.00
20.00
15.00
iostat − Disk %util
0
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Average disk utilization percentage
across all hard drives (kB/s)
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

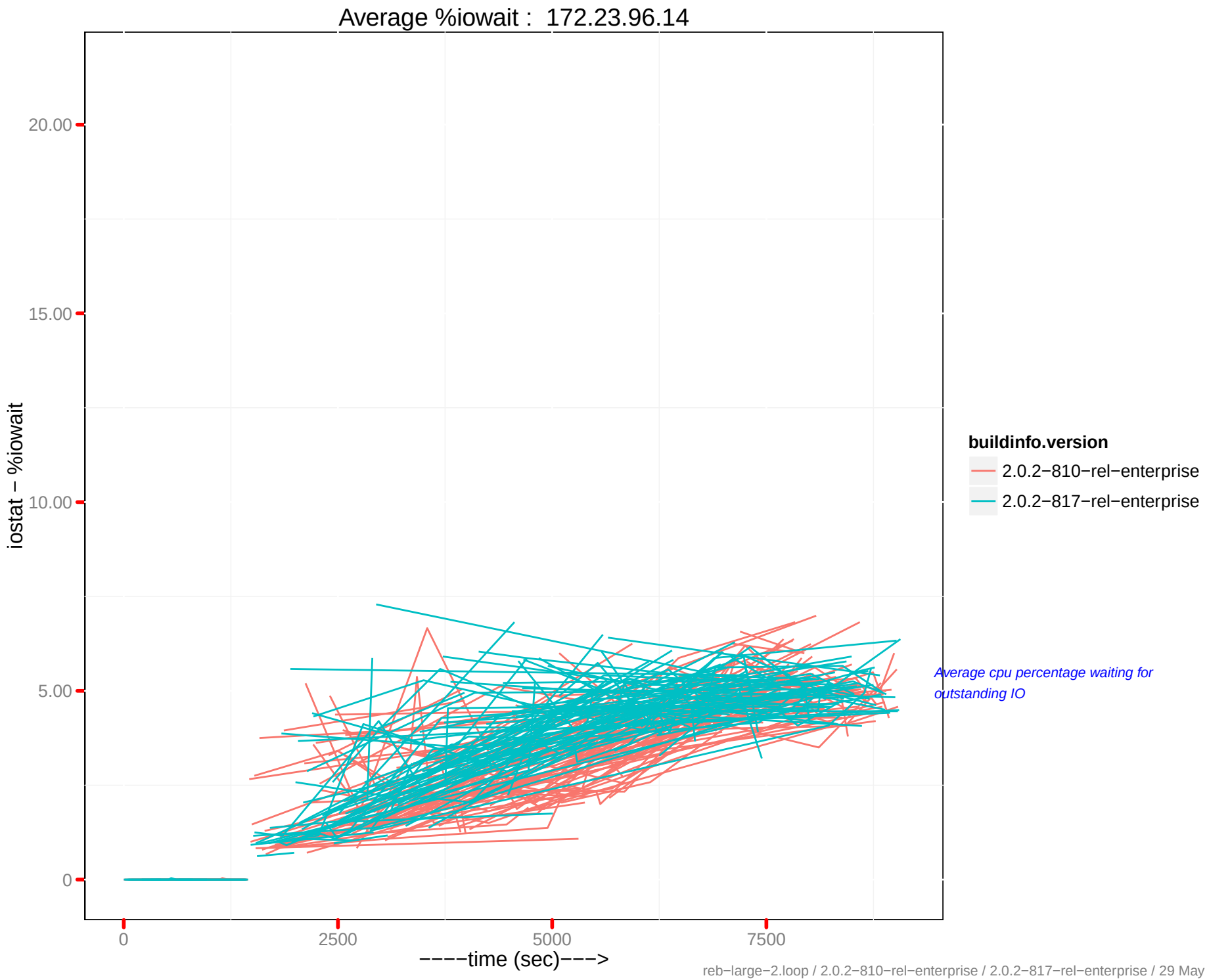

Average %iowait : 172.23.96.13
10.00
7.50
5.00
iostat – %iowait
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Average cpu percentage waiting for outstanding IO
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

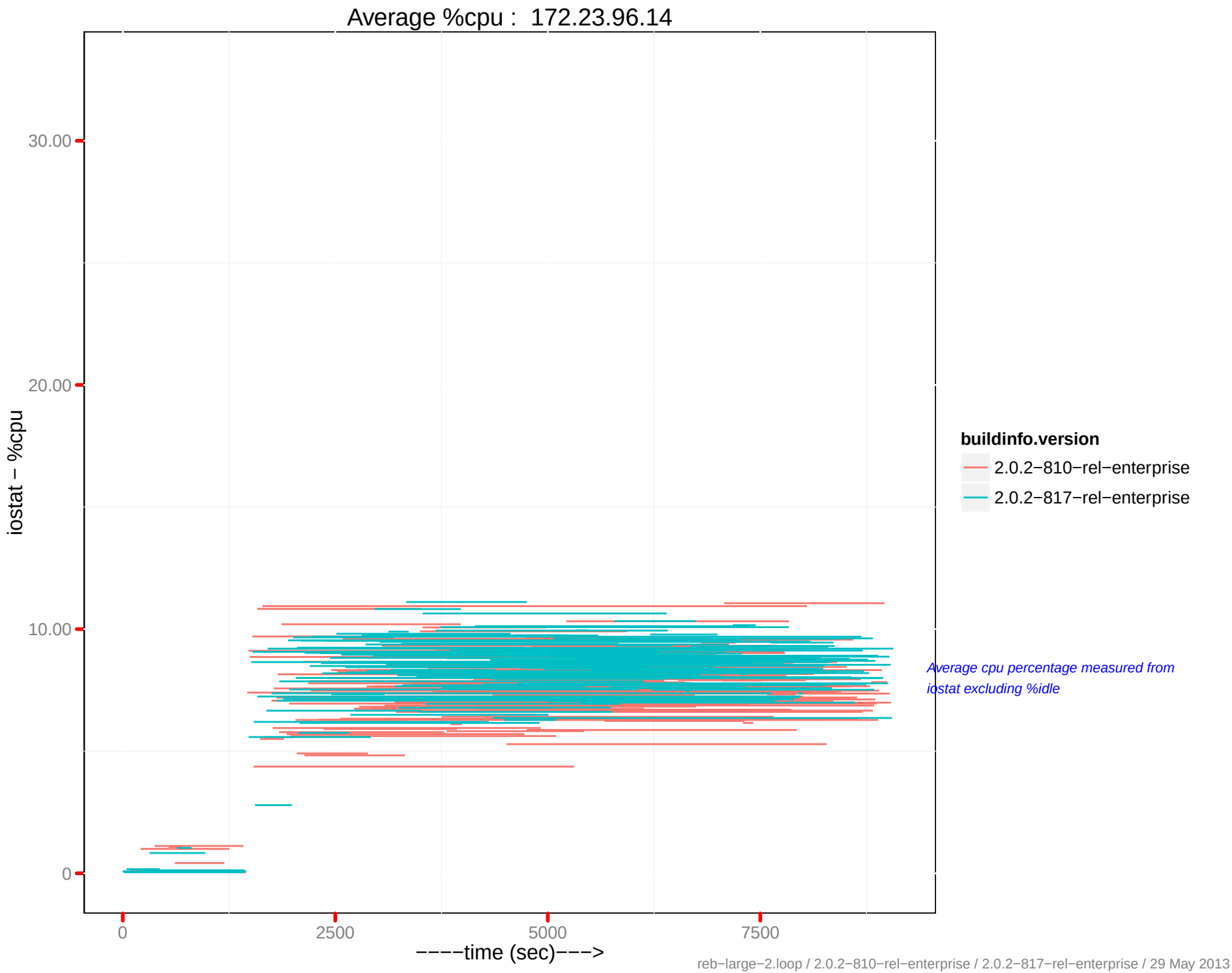

Average %cpu : 172.23.96.13
iostat – %cpu
12.00
10.00
8.00
6.00
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Average cpu percentage measured from iostat excluding %idle
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

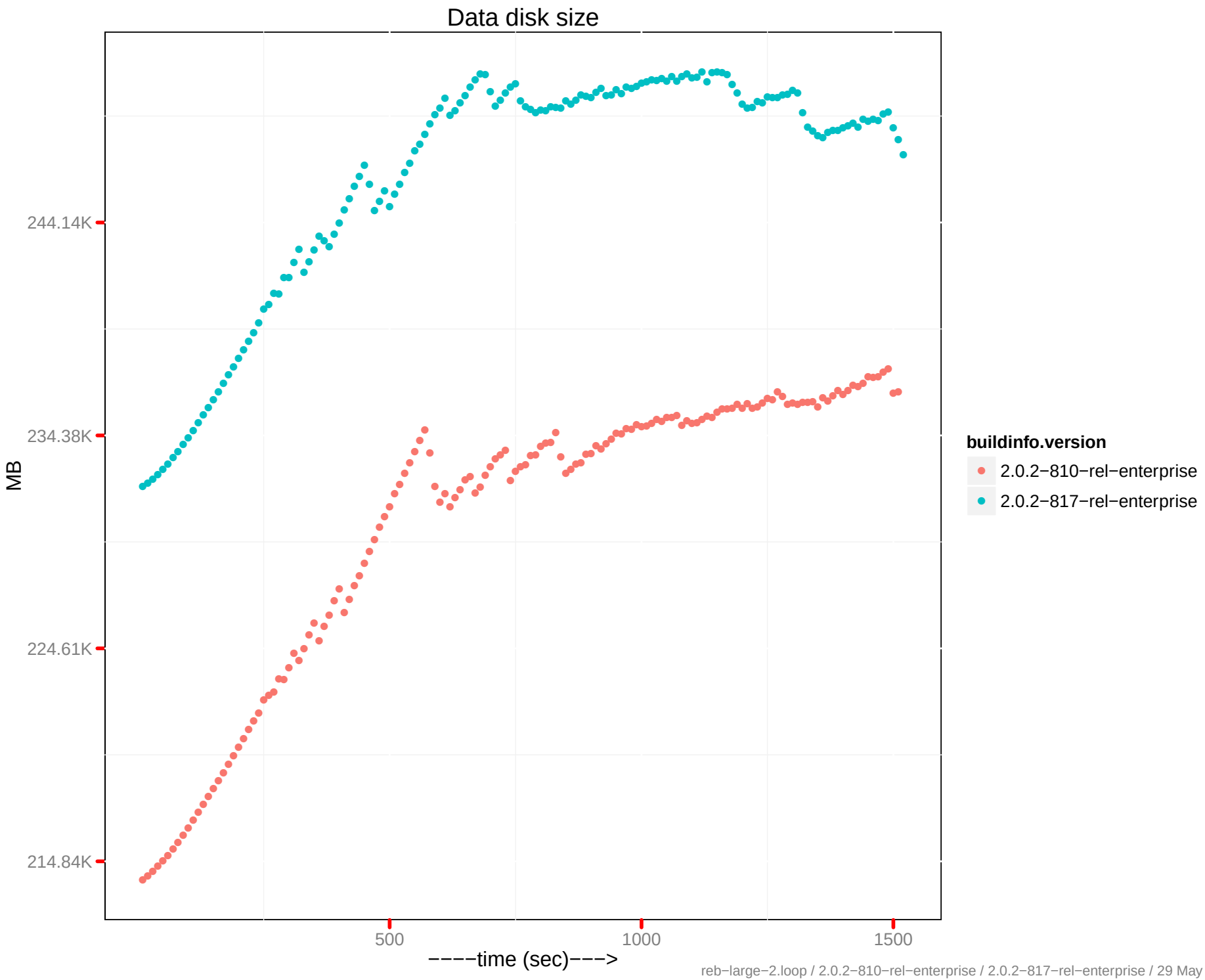

Disk Read (kB/s) : 172.23.96.14
15.62K
11.72K
7.81K
3.91K
0
iostat – Disk Read (kB/s)
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2–810–rel–enterprise
2.0.2–817–rel–enterprise
Disk read across all hard drives (kB/s)
reb–large–2.loop / 2.0.2–810–rel–enterprise / 2.0.2–817–rel–enterprise / 29 May 2013

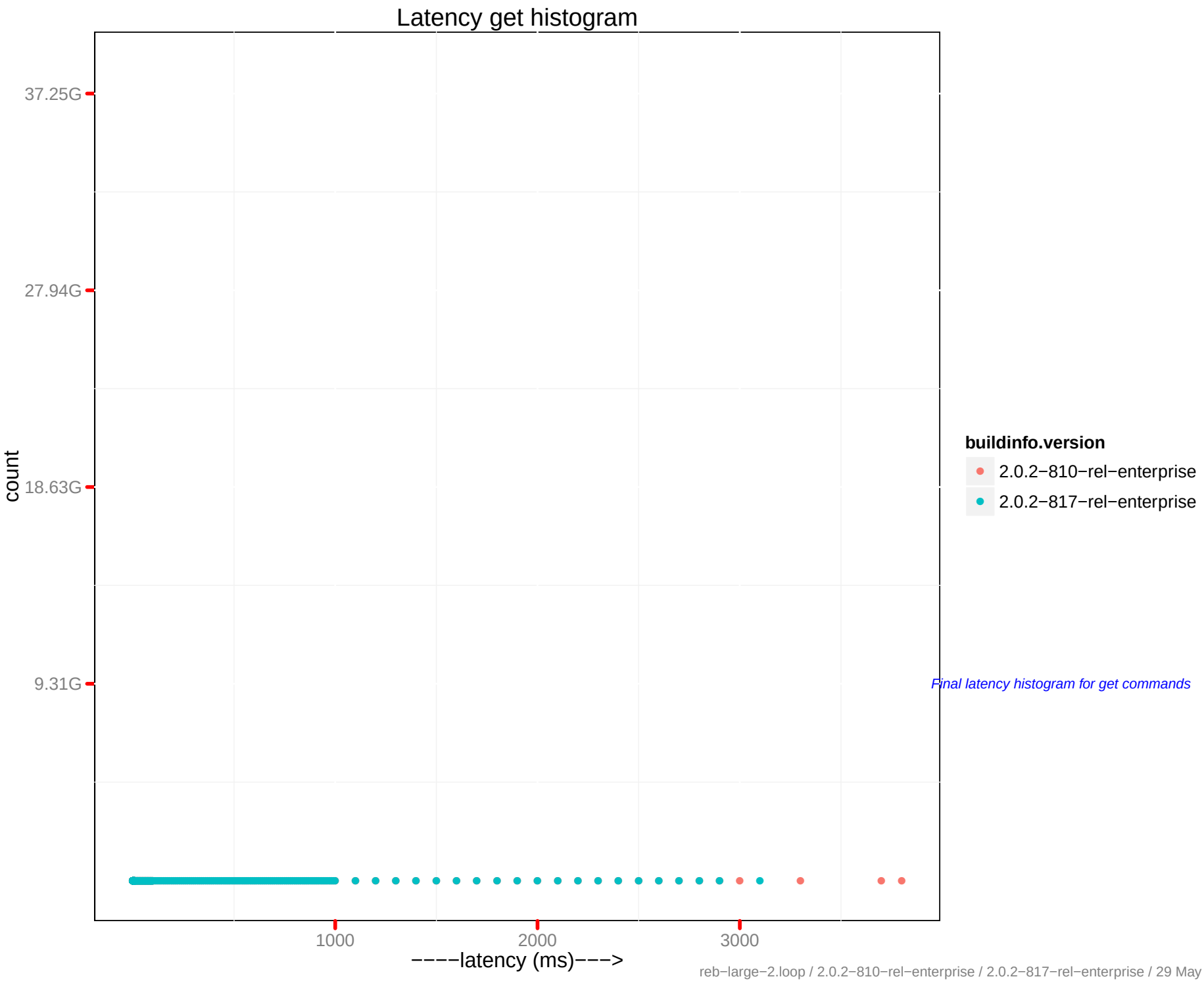

Disk Write (kB/s) : 172.23.96.14
58.59K
39.06K
19.53K
0
iostat – Disk Write (kB/s)
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Disk write across all hard drives (kB/s)
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

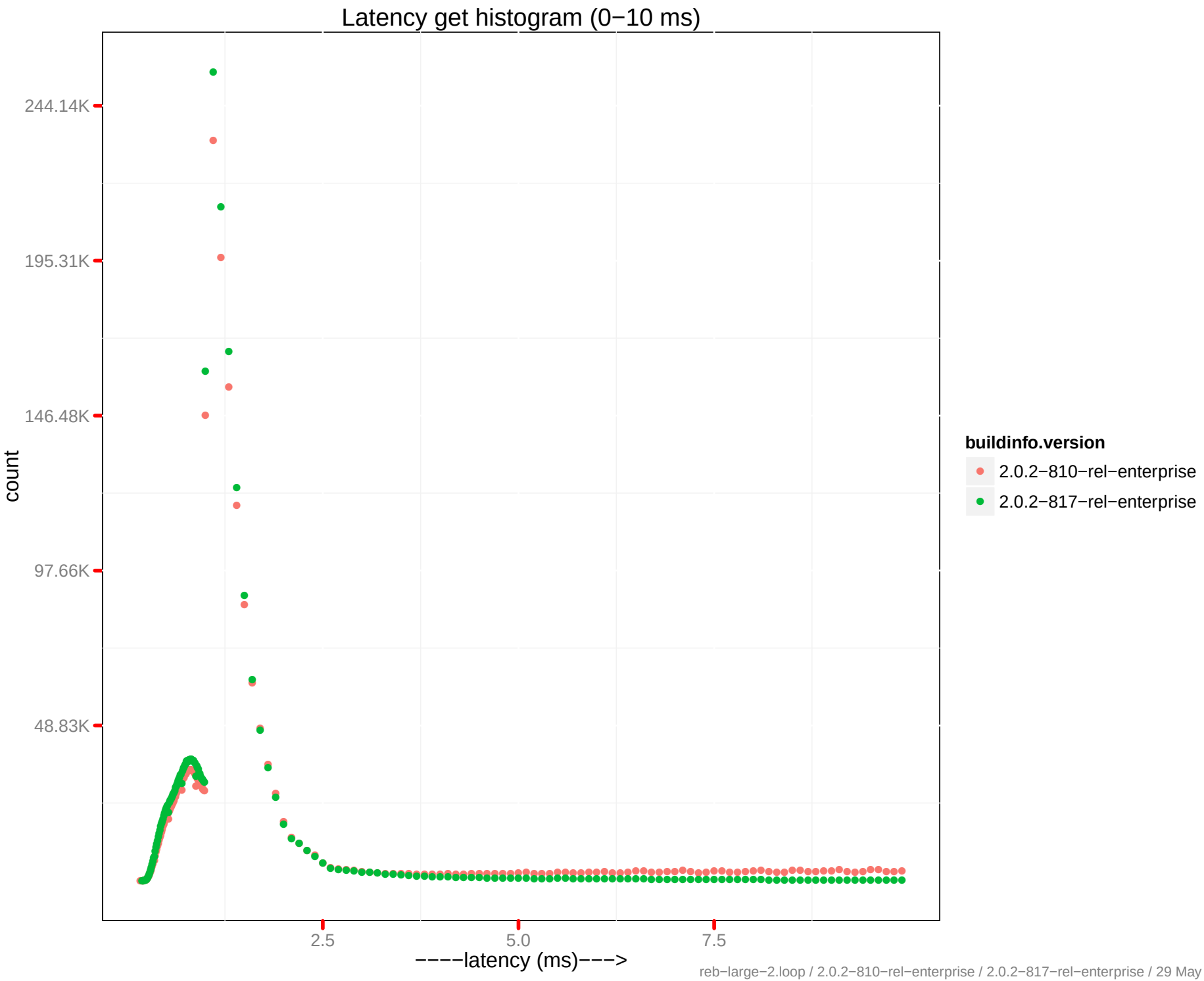

Average %util : 172.23.96.14
12.00
10.00
8.00
6.00
iostat − Disk %util
0
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Average disk utilization percentage
across all hard drives (kB/s)
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

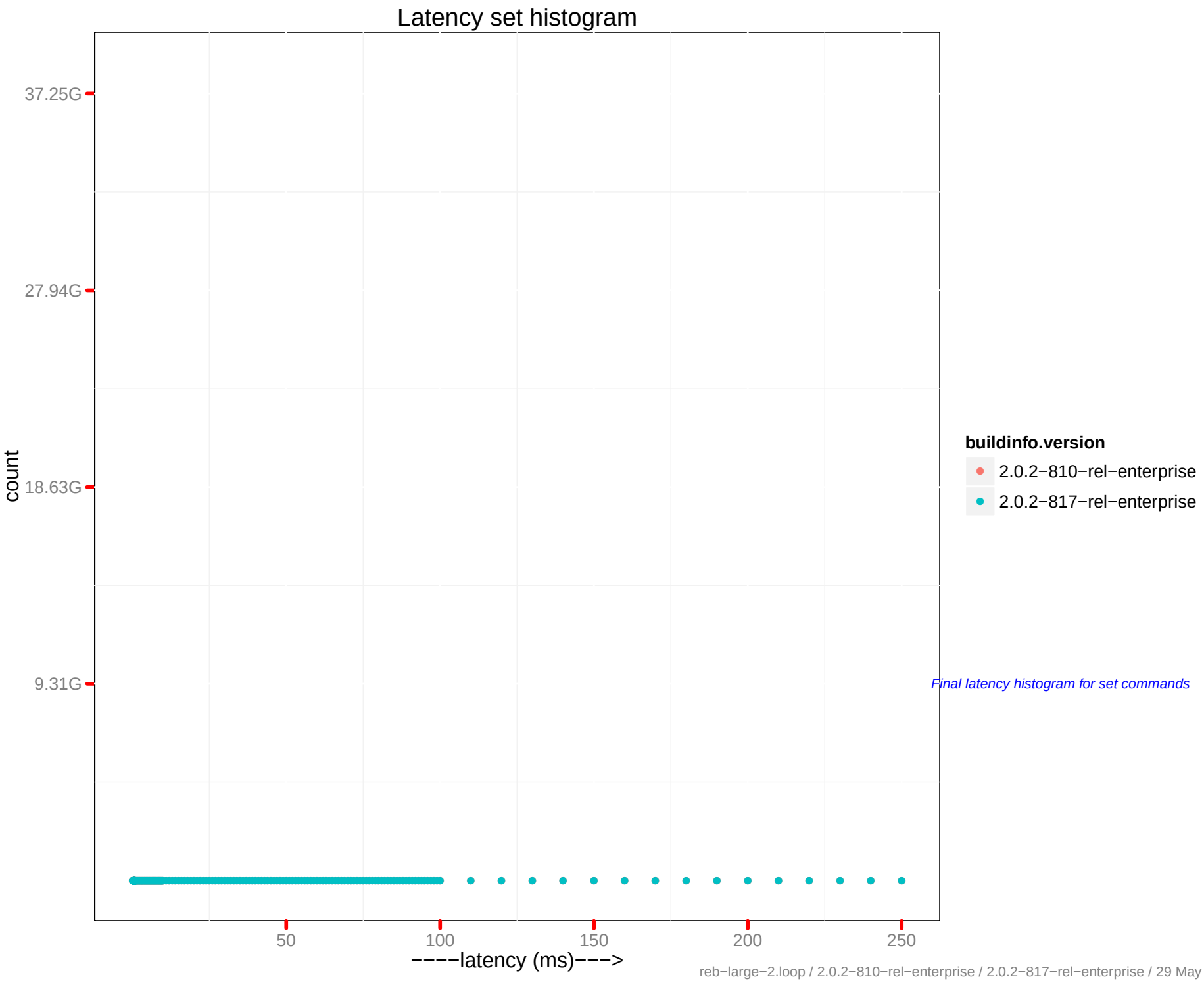

Average %iowait : 172.23.96.14
20.00
15.00
10.00
5.00
0
iostat – %iowait
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Average cpu percentage waiting for outstanding IO
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

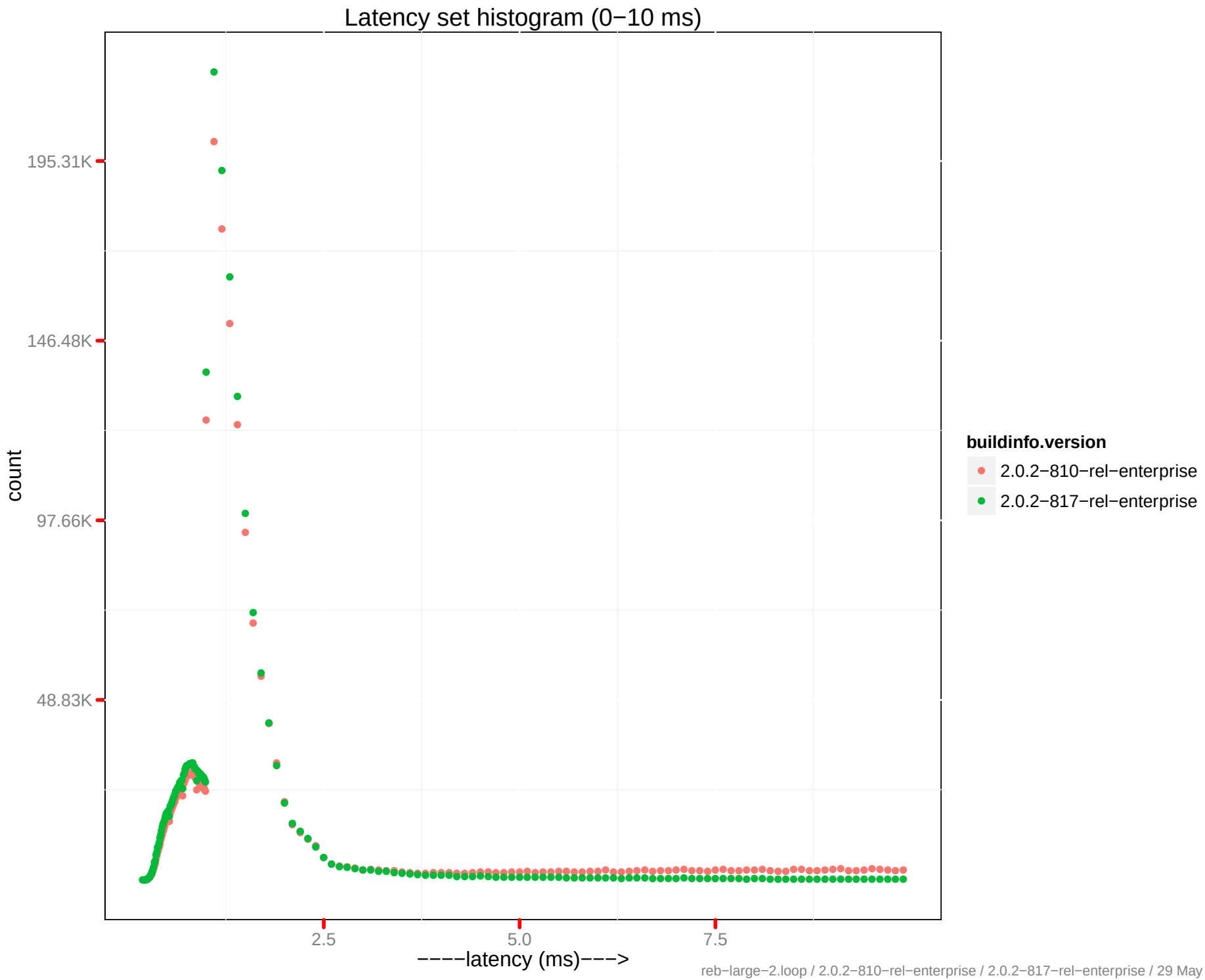

Average %cpu : 172.23.96.14
30.00
20.00
10.00
0
iostat – %cpu
0
2500
5000
7500
––––time (sec)––––>
buildinfo.version
2.0.2–810–rel–enterprise
2.0.2–817–rel–enterprise
Average cpu percentage measured from iostat excluding %idle
reb–large–2.loop / 2.0.2–810–rel–enterprise / 2.0.2–817–rel–enterprise / 29 May 2013

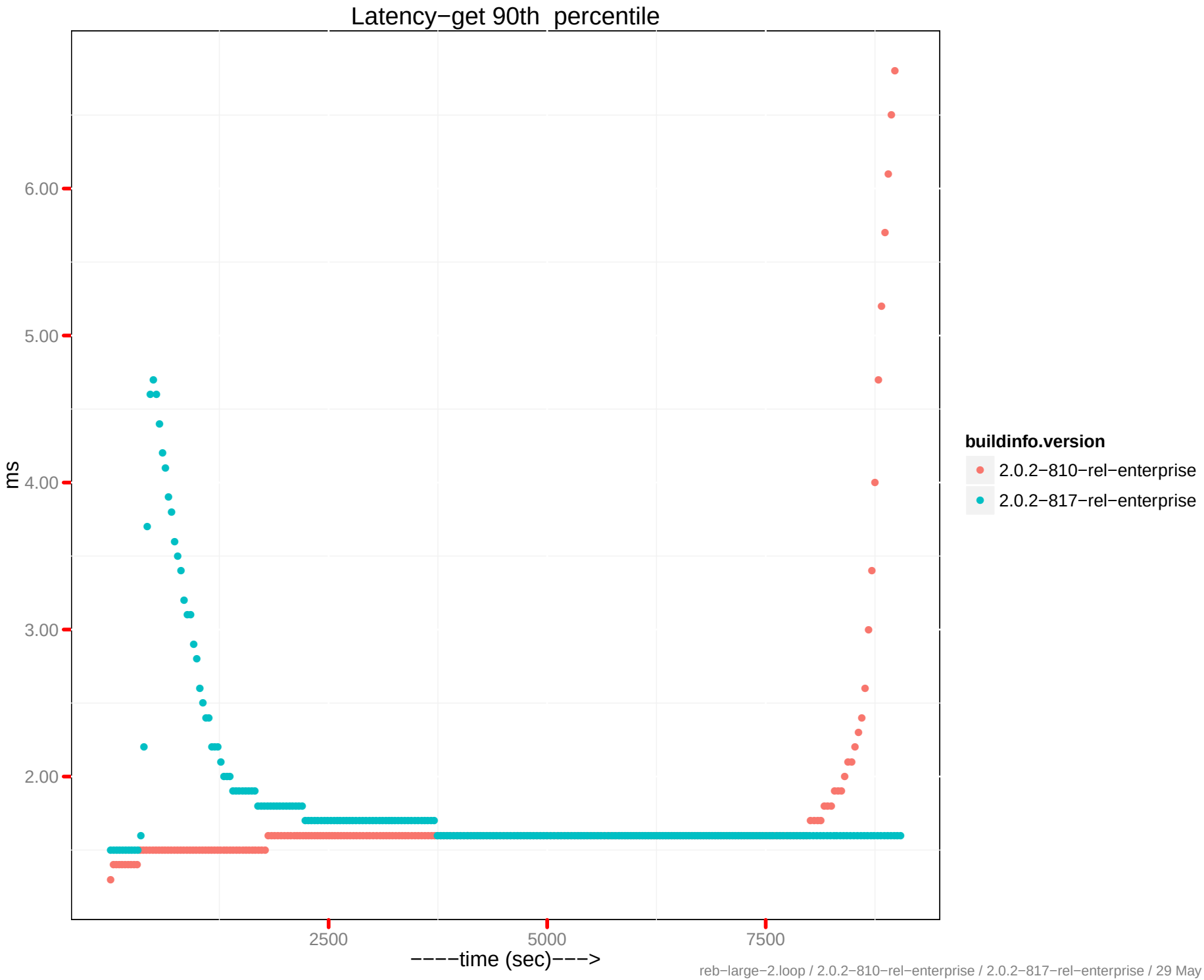

Data disk size
244.14K
234.38K
224.61K
214.84K
MB
500
1000
1500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

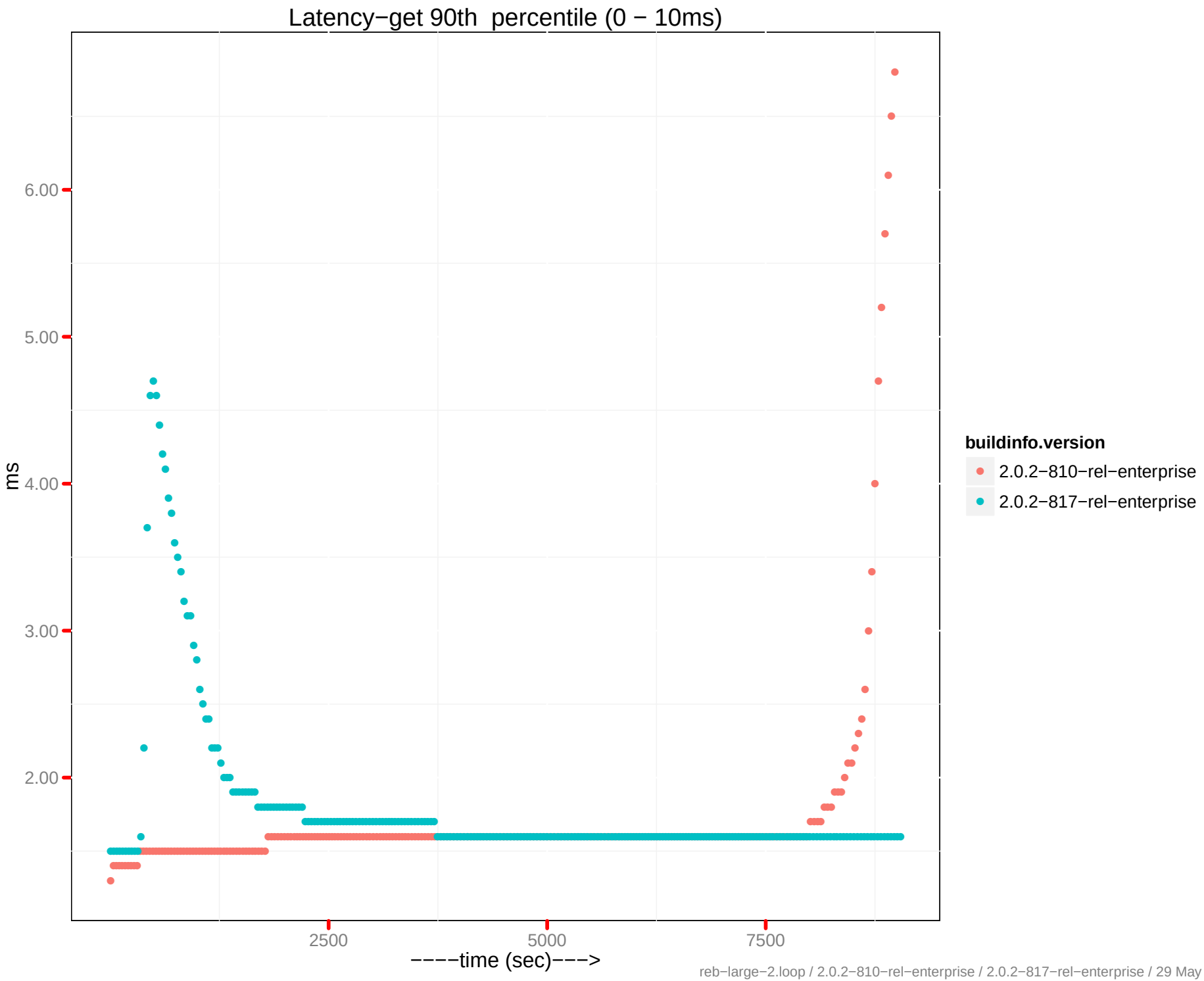

Latency get histogram
37.25G
27.94G
18.63G
9.31G
count
1000
2000
3000
----latency (ms)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
Final latency histogram for get commands
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013

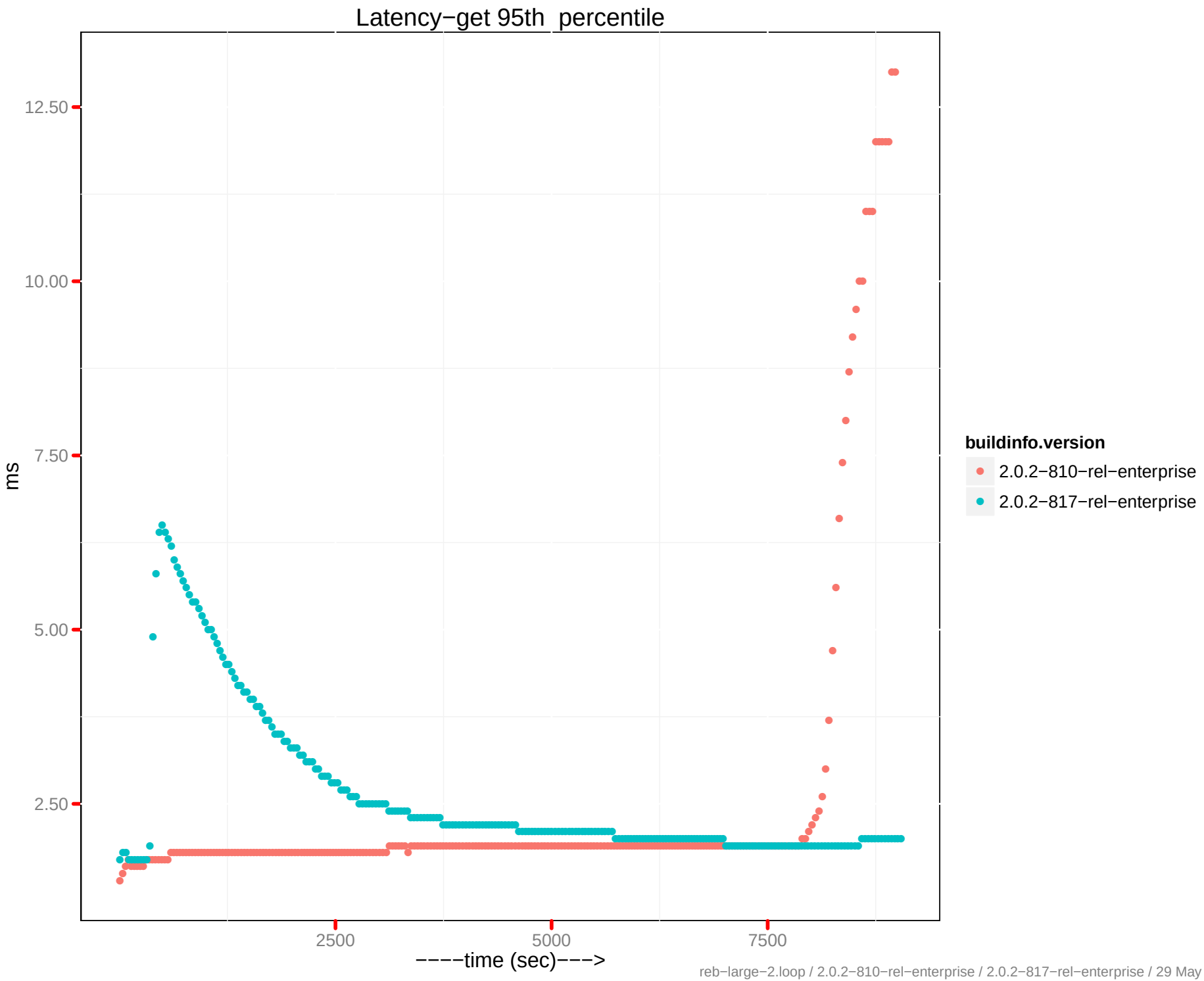

Latency get histogram (0−10 ms)
244.14K
195.31K
146.48K
97.66K
48.83K
count
2.5
5.0
7.5
−−−−latency (ms)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

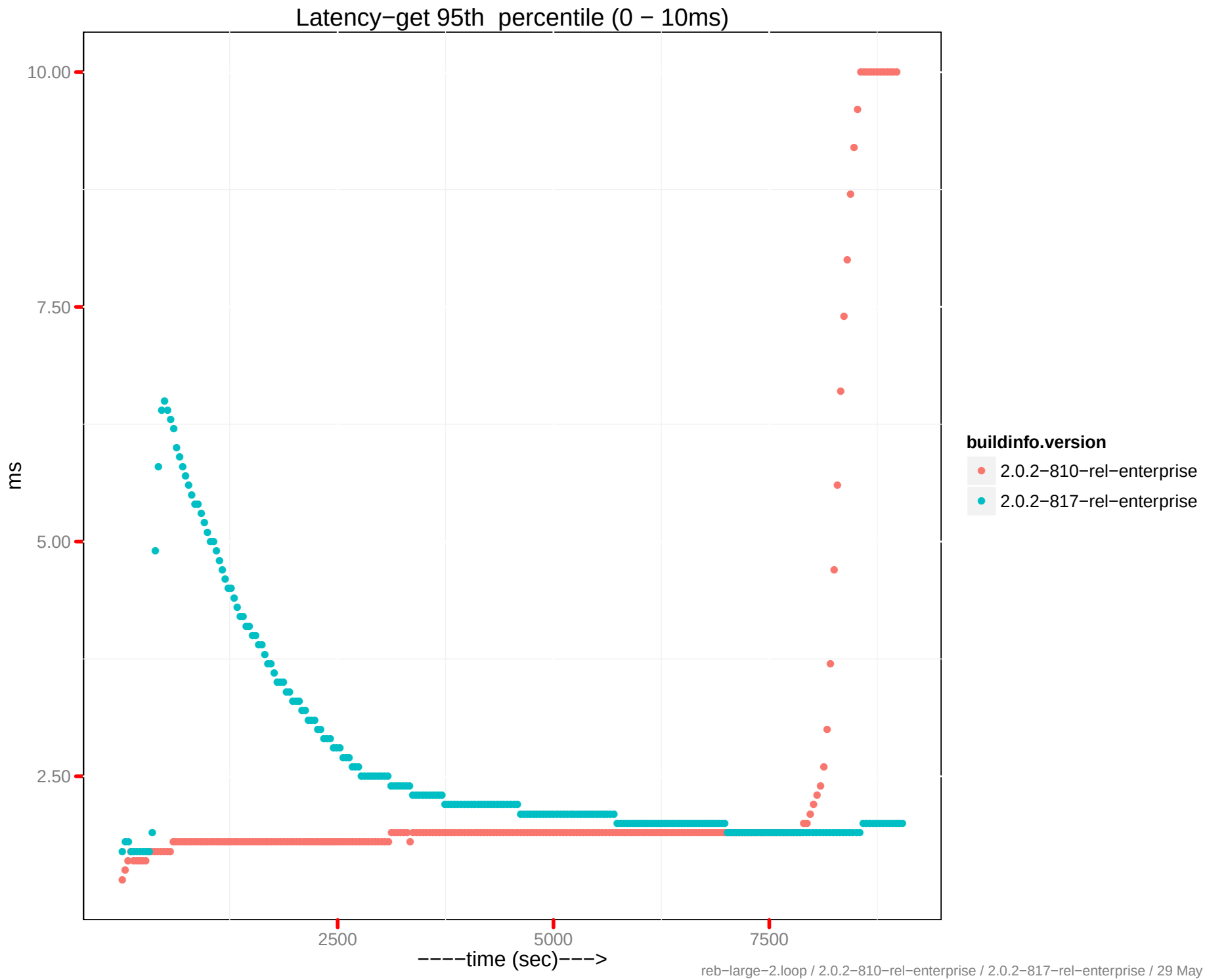

Latency set histogram
37.25G
27.94G
18.63G
9.31G
count
50
100
150
200
250
−−−−latency (ms)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
Final latency histogram for set commands
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

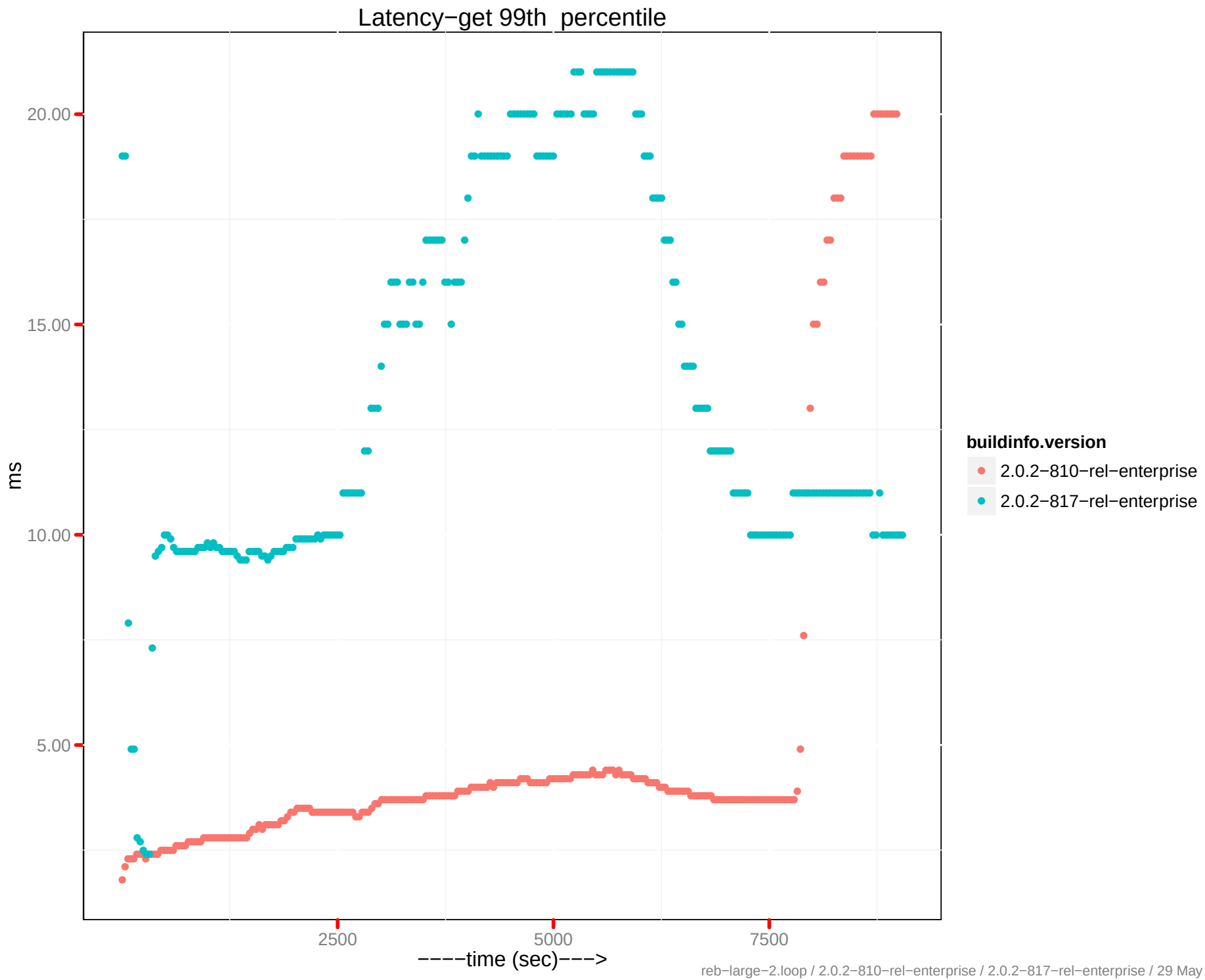

Latency set histogram (0−10 ms)
195.31K
146.48K
97.66K
48.83K
count
2.5
5.0
7.5
−−−−latency (ms)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

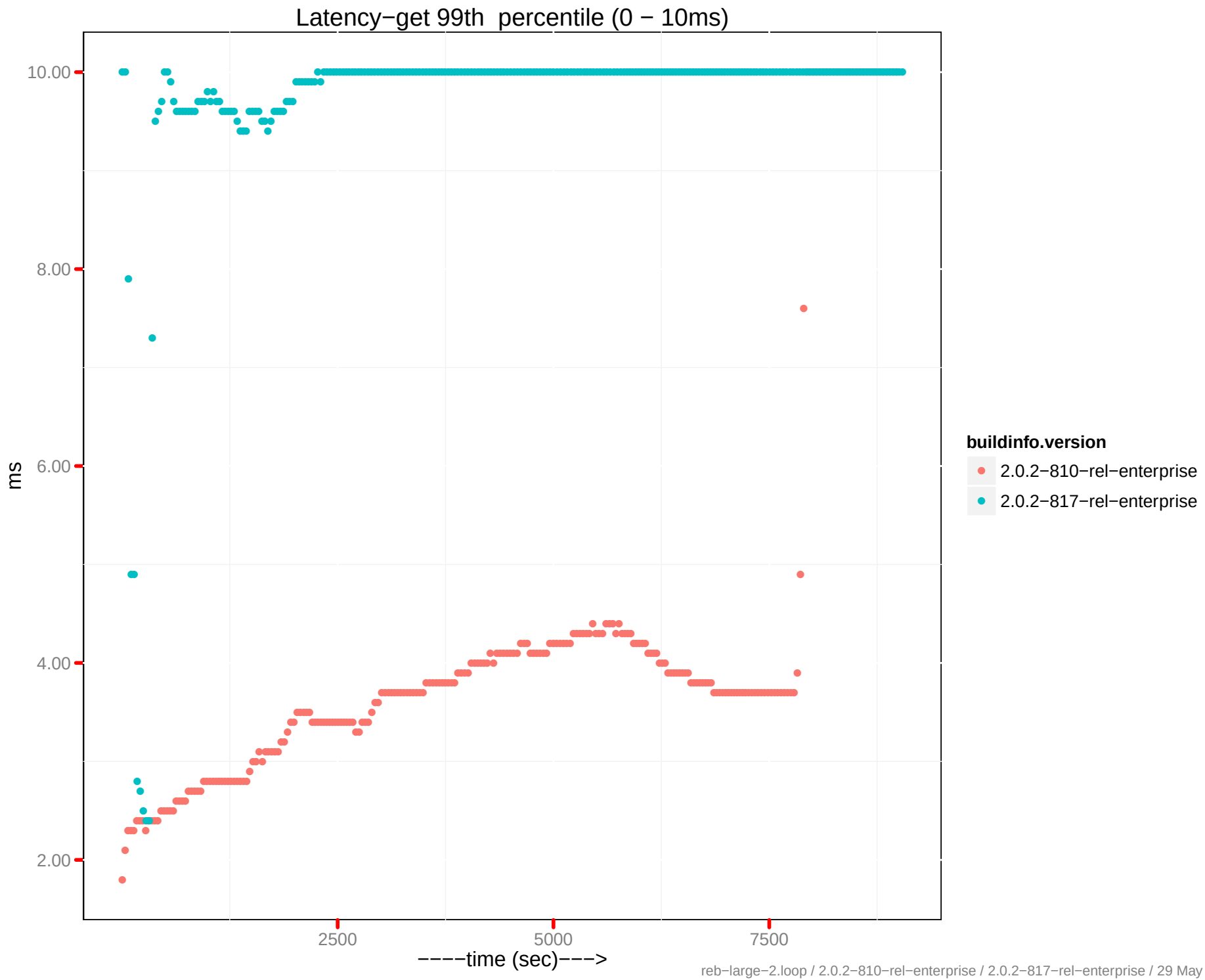

Latency−get 90th percentile
6.00
5.00
4.00
3.00
2.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

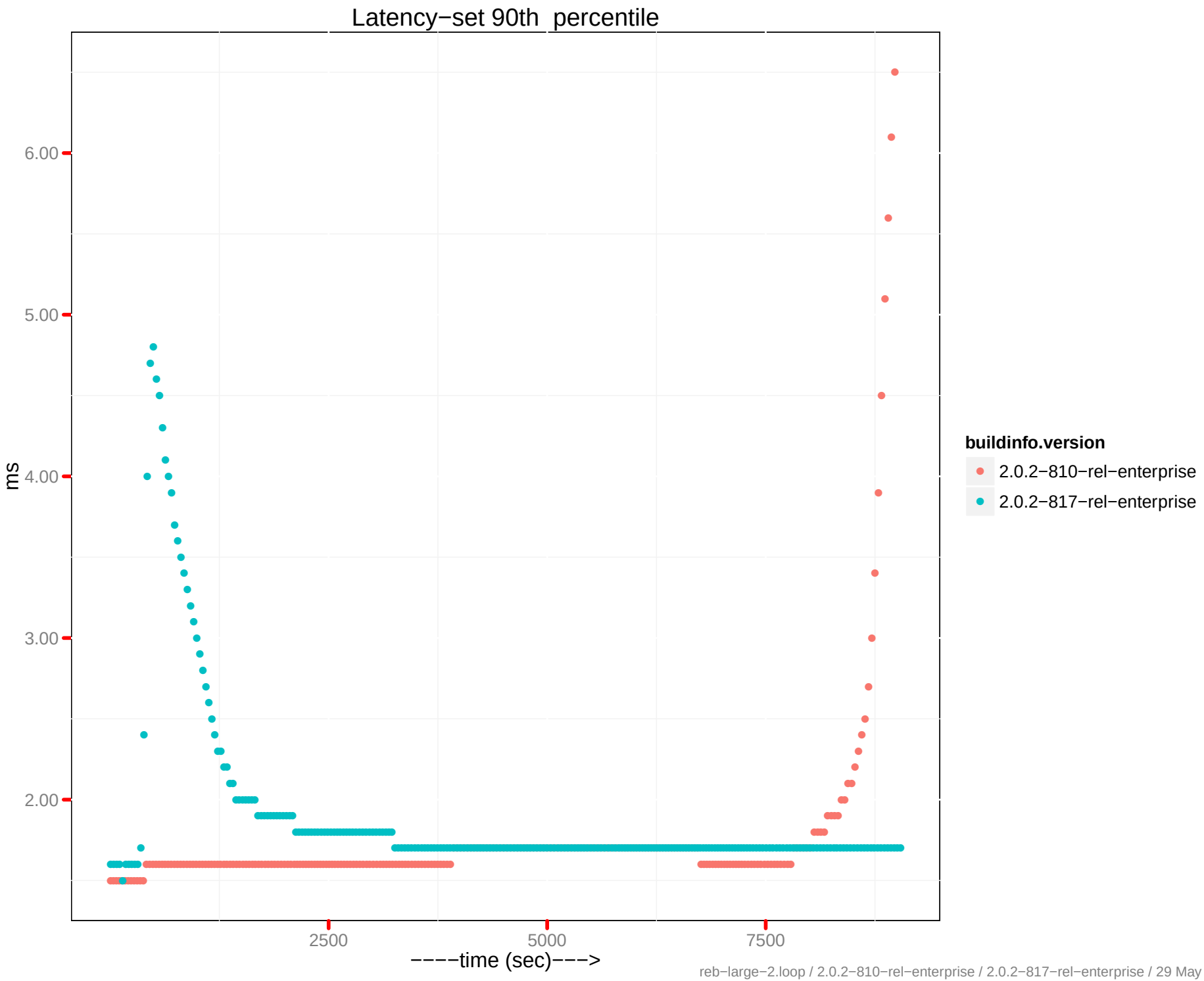

Latency−get 90th percentile (0 − 10ms)
6.00
5.00
4.00
3.00
2.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

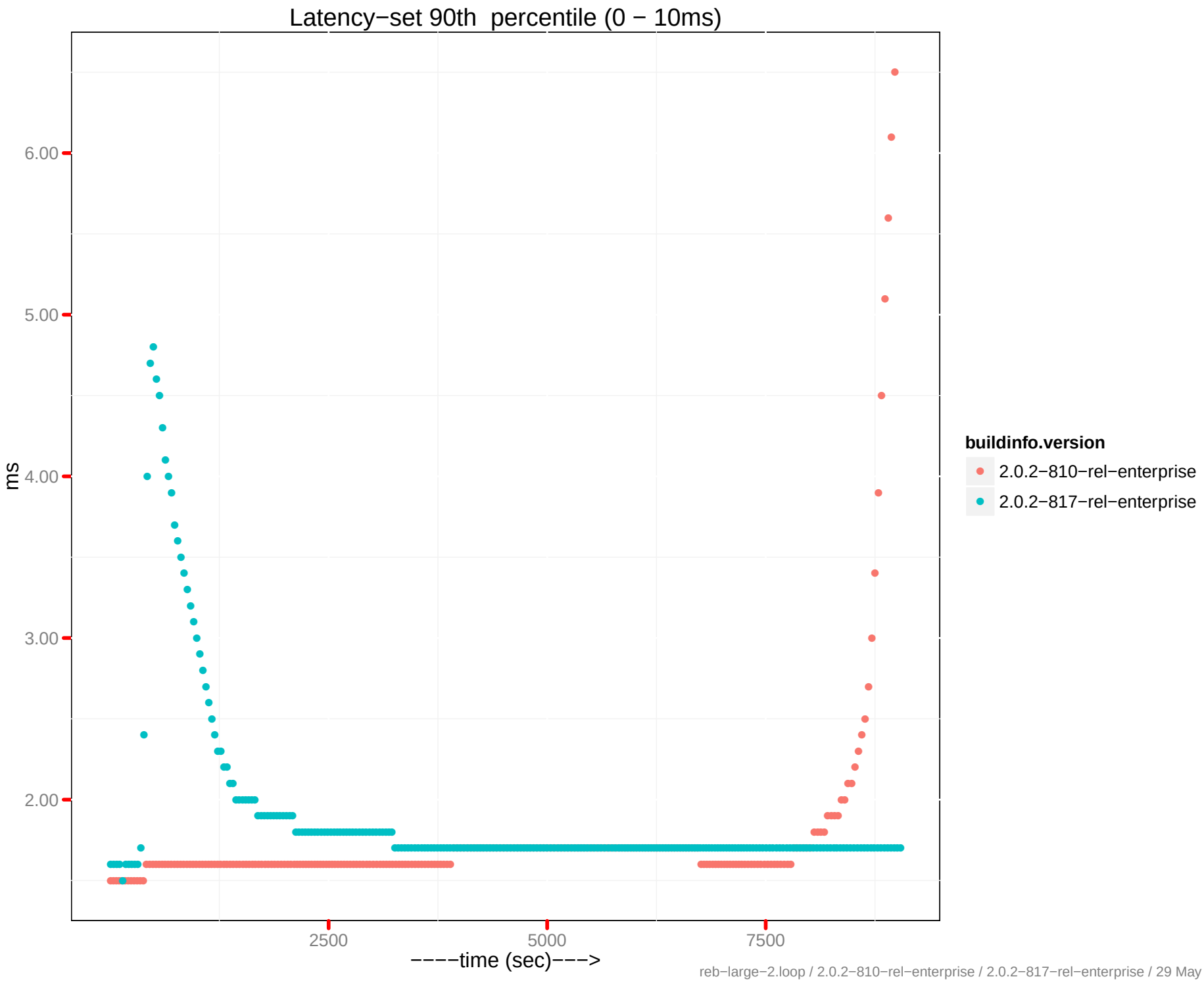

Latency−get 95th percentile
12.50
10.00
7.50
5.00
2.50
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

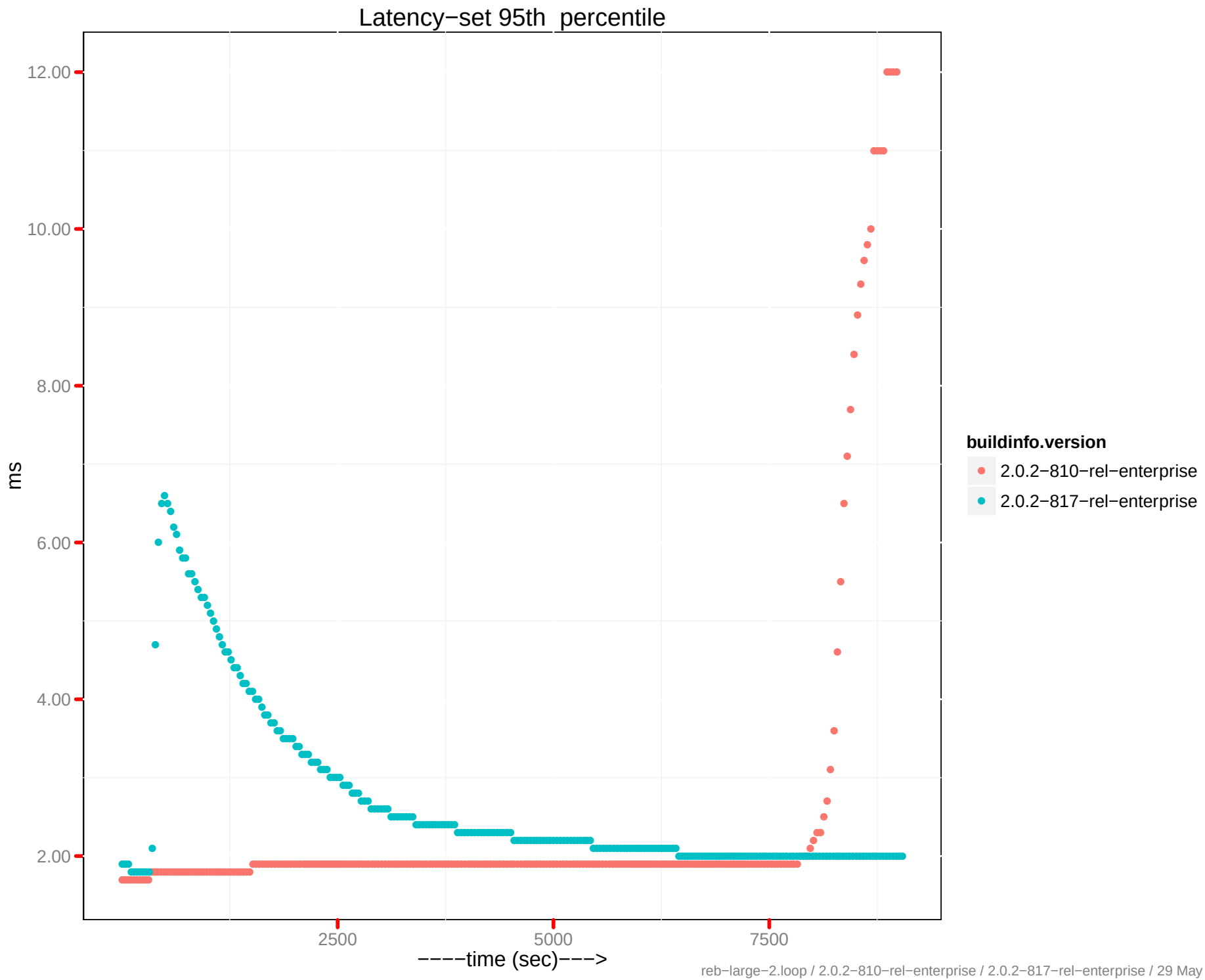

Latency−get 95th percentile (0 − 10ms)
10.00
7.50
5.00
2.50
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

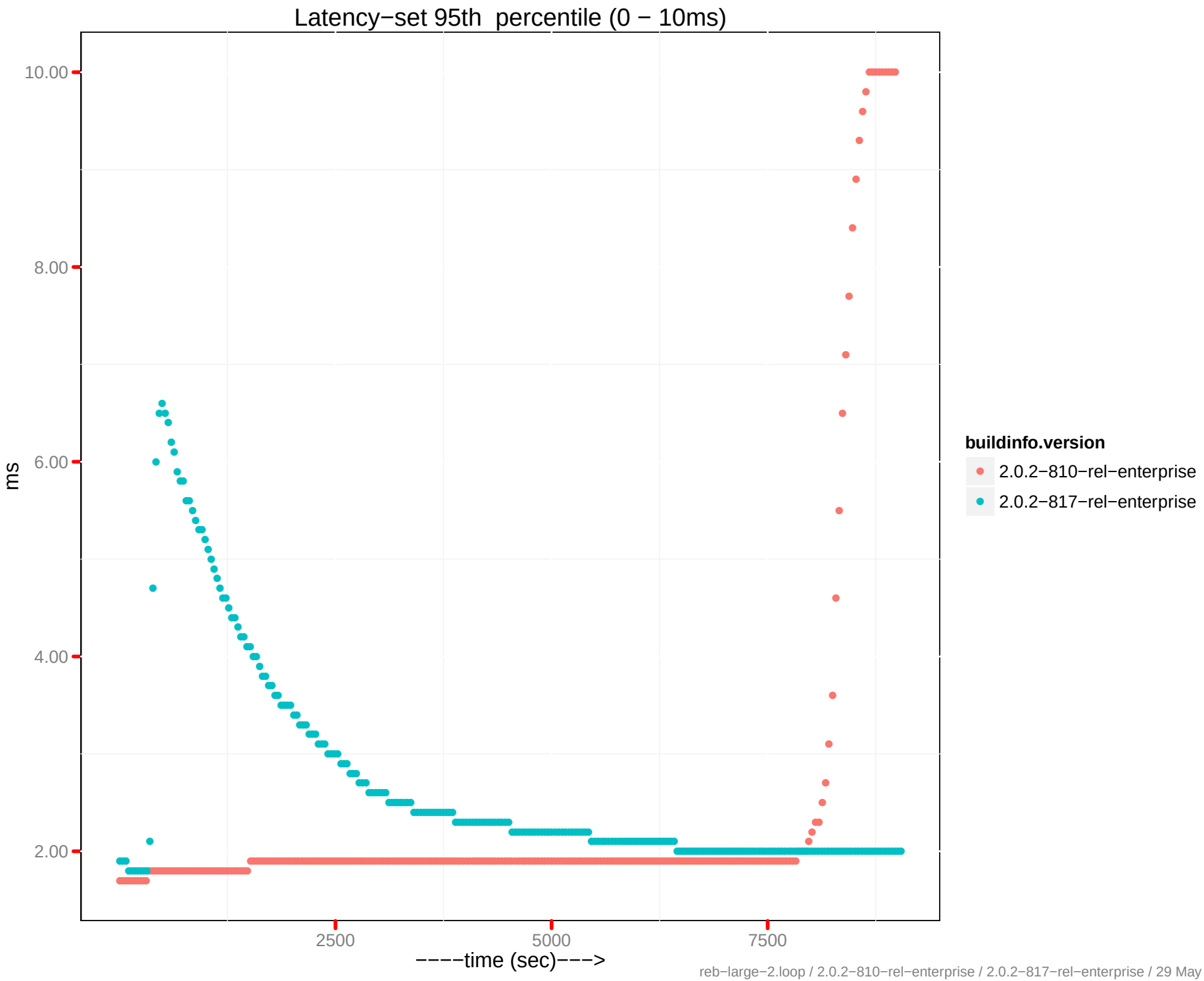

Latency−get 99th percentile
20.00
15.00
10.00
5.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

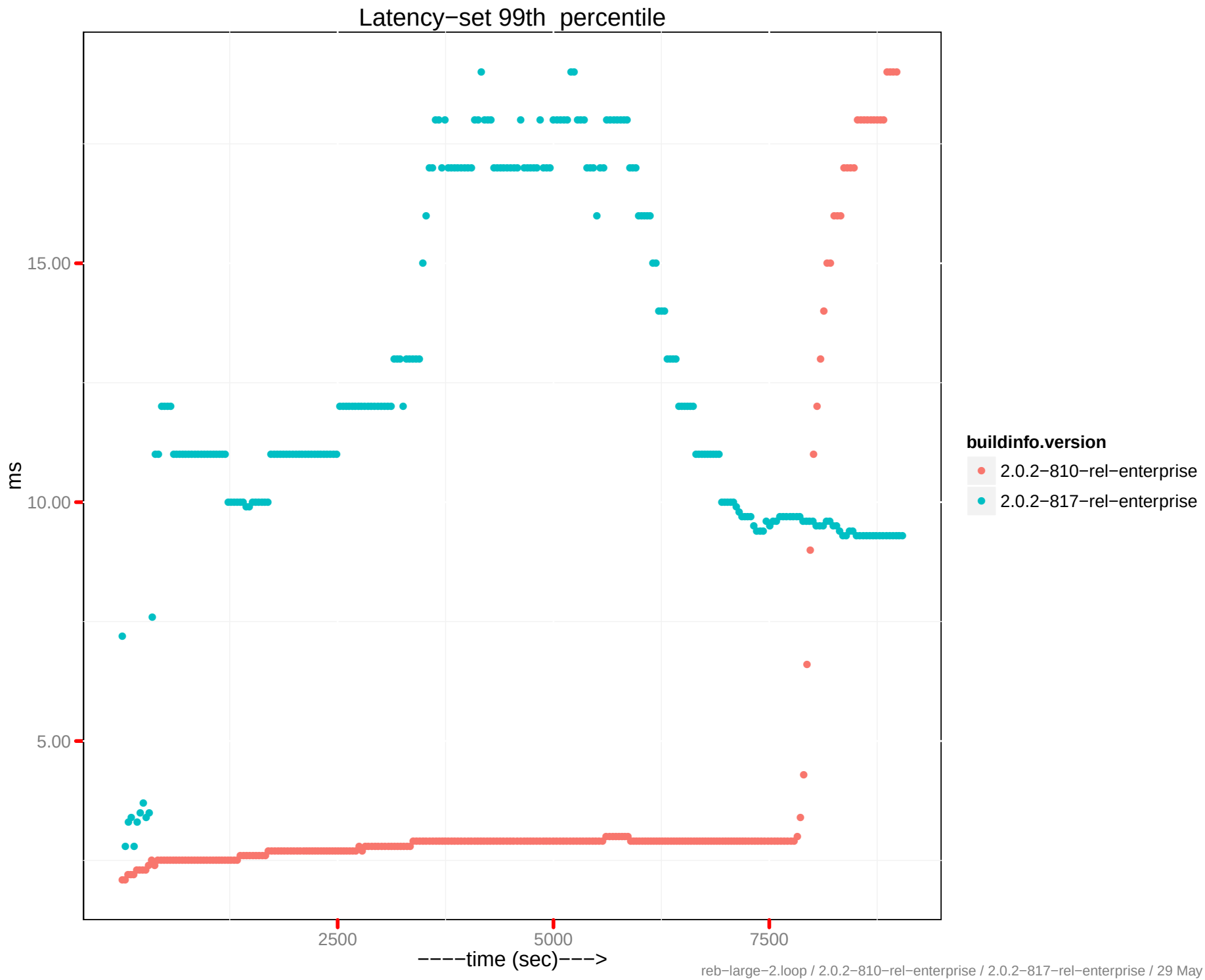

Latency−get 99th percentile (0 − 10ms)
10.00
8.00
6.00
4.00
2.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

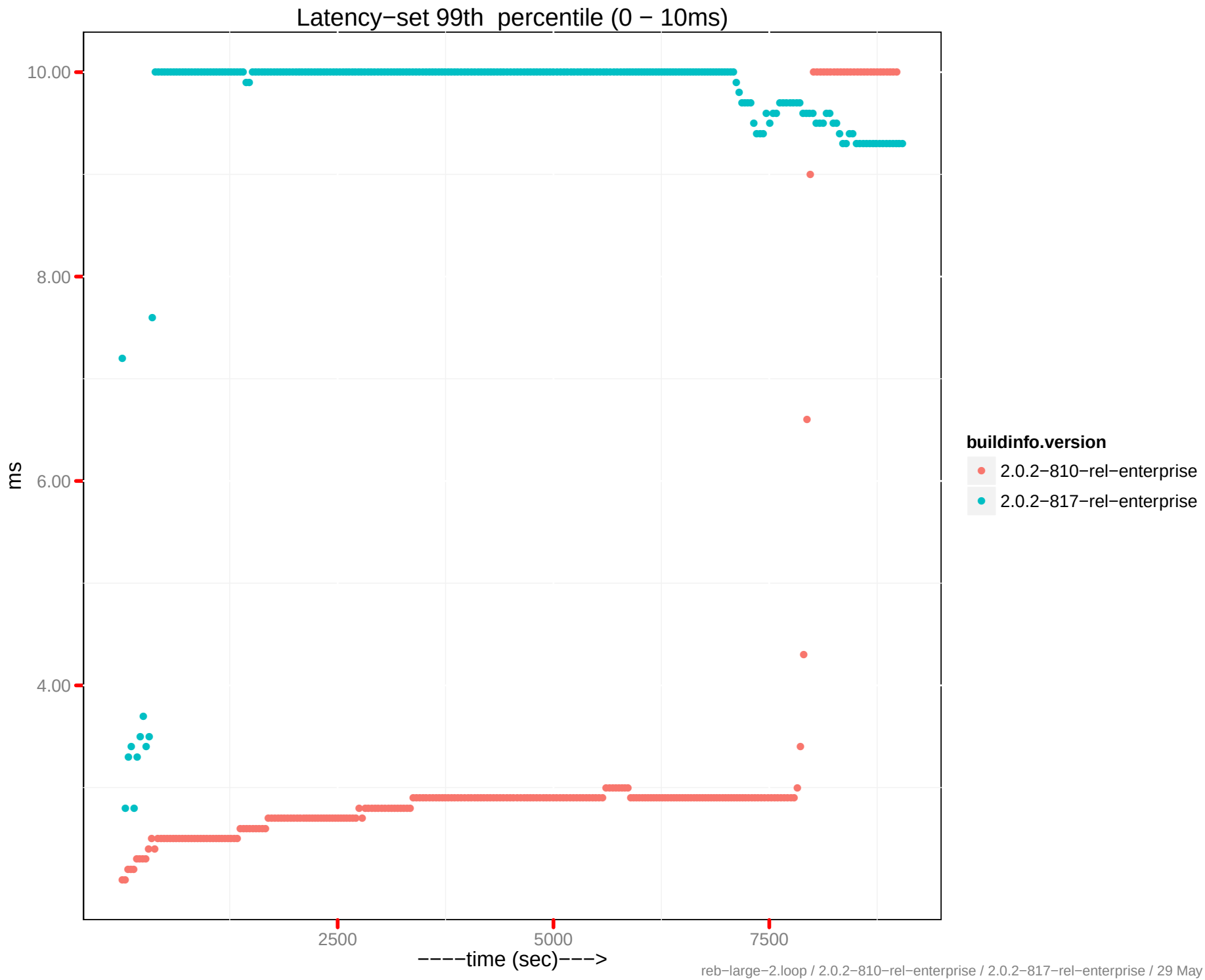

Latency−set 90th percentile
6.00
5.00
4.00
3.00
2.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013

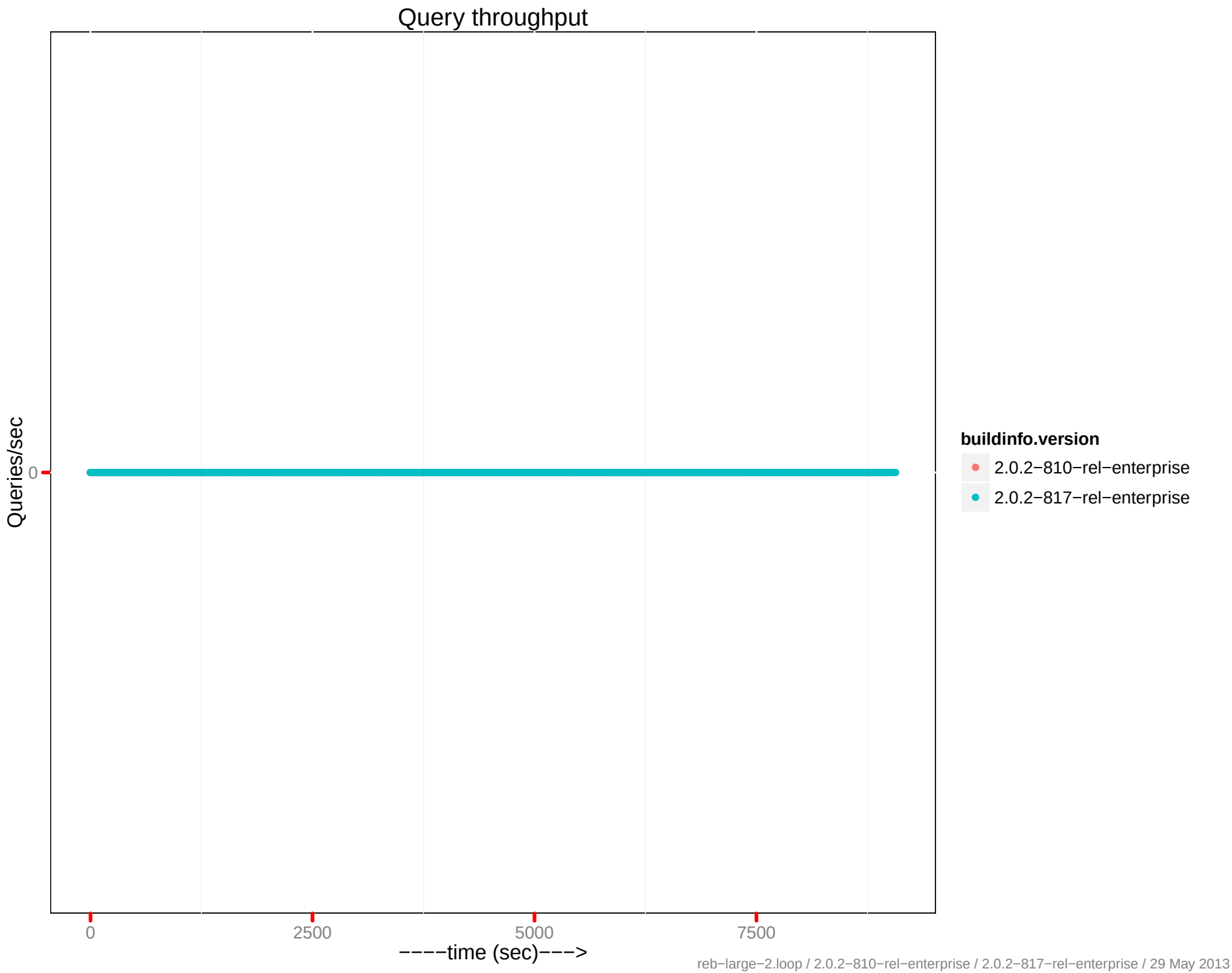

Latency−set 90th percentile (0 − 10ms)
6.00
5.00
4.00
3.00
2.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013


Latency−set 95th percentile
12.00
10.00
8.00
6.00
4.00
2.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013


Latency−set 95th percentile (0 − 10ms)
10.00
8.00
6.00
4.00
2.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013


Latency−set 99th percentile
15.00
10.00
5.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013


Latency−set 99th percentile (0 − 10ms)
10.00
8.00
6.00
4.00
ms
2500
5000
7500
−−−−time (sec)−−−>
buildinfo.version
2.0.2−810−rel−enterprise
2.0.2−817−rel−enterprise
reb−large−2.loop / 2.0.2−810−rel−enterprise / 2.0.2−817−rel−enterprise / 29 May 2013


Query throughput
Queries/sec
0
0
2500
5000
7500
----time (sec)--->
buildinfo.version
2.0.2-810-rel-enterprise
2.0.2-817-rel-enterprise
reb-large-2.loop / 2.0.2-810-rel-enterprise / 2.0.2-817-rel-enterprise / 29 May 2013