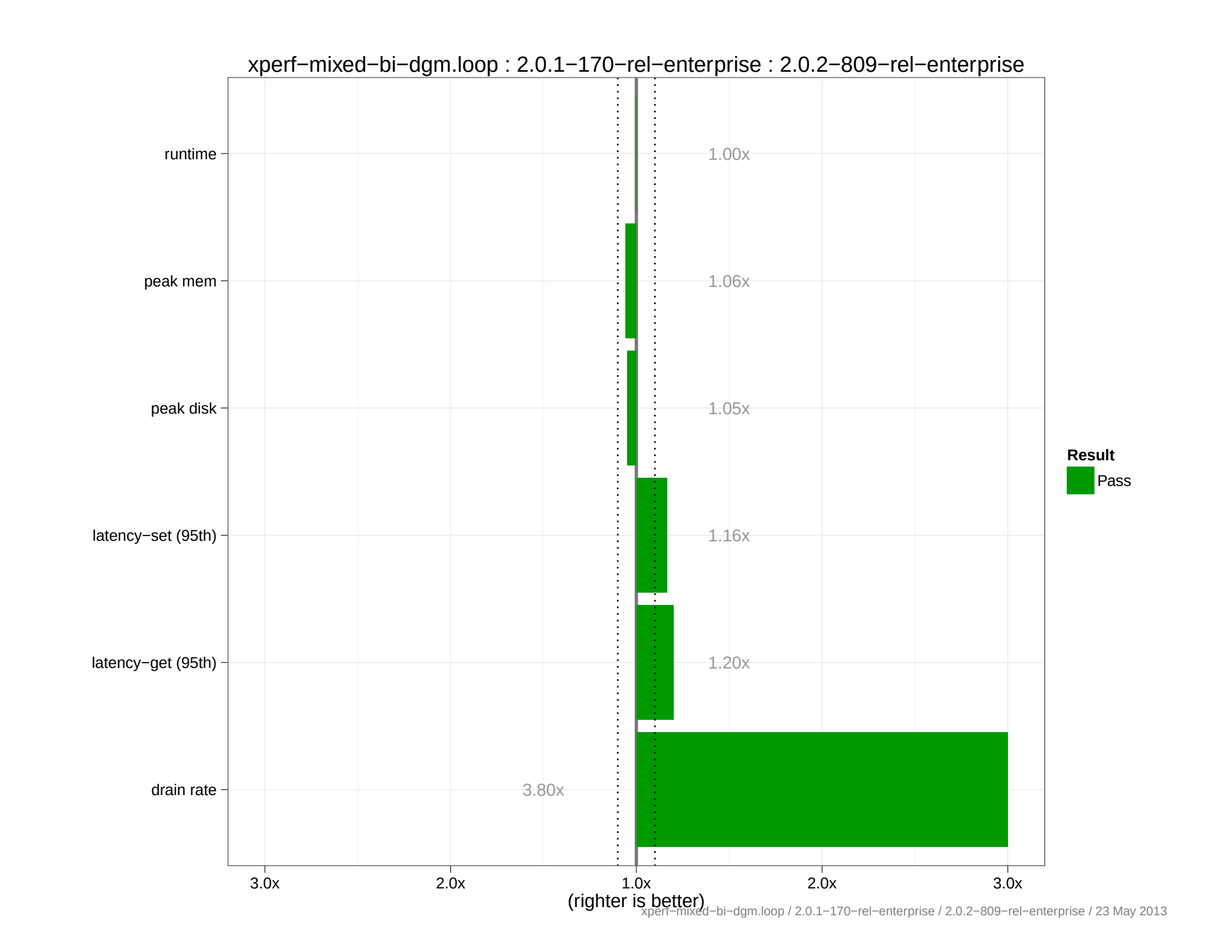
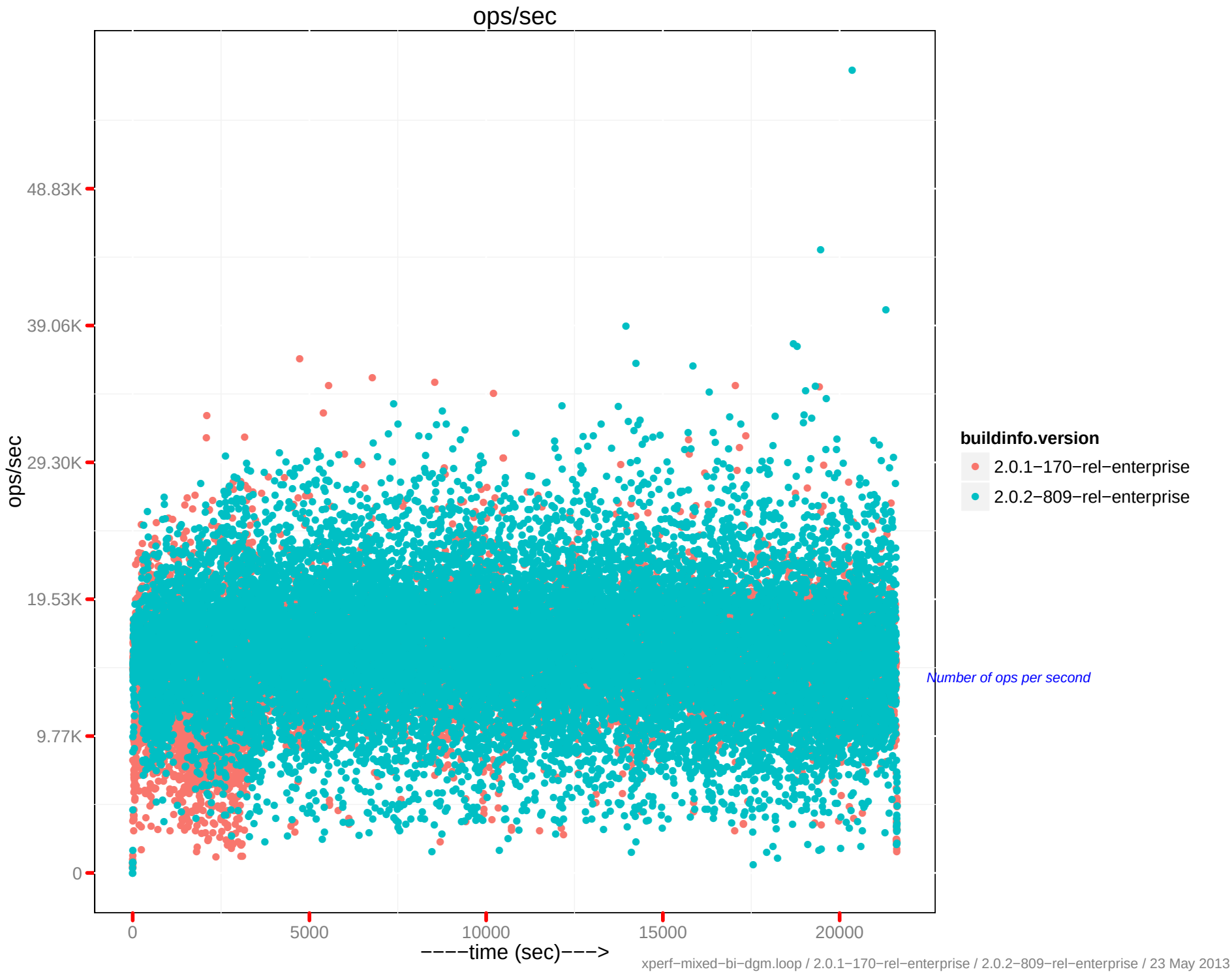
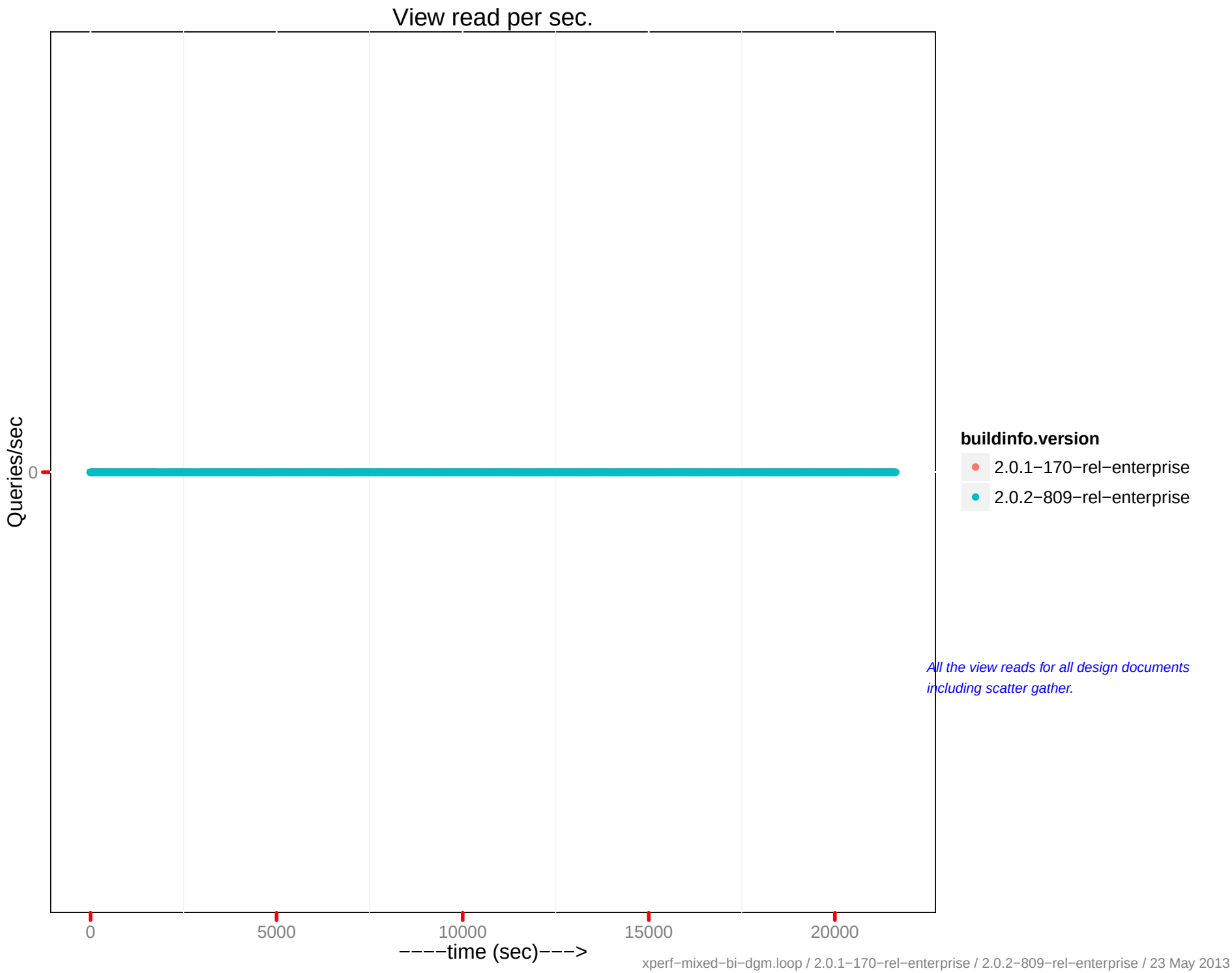
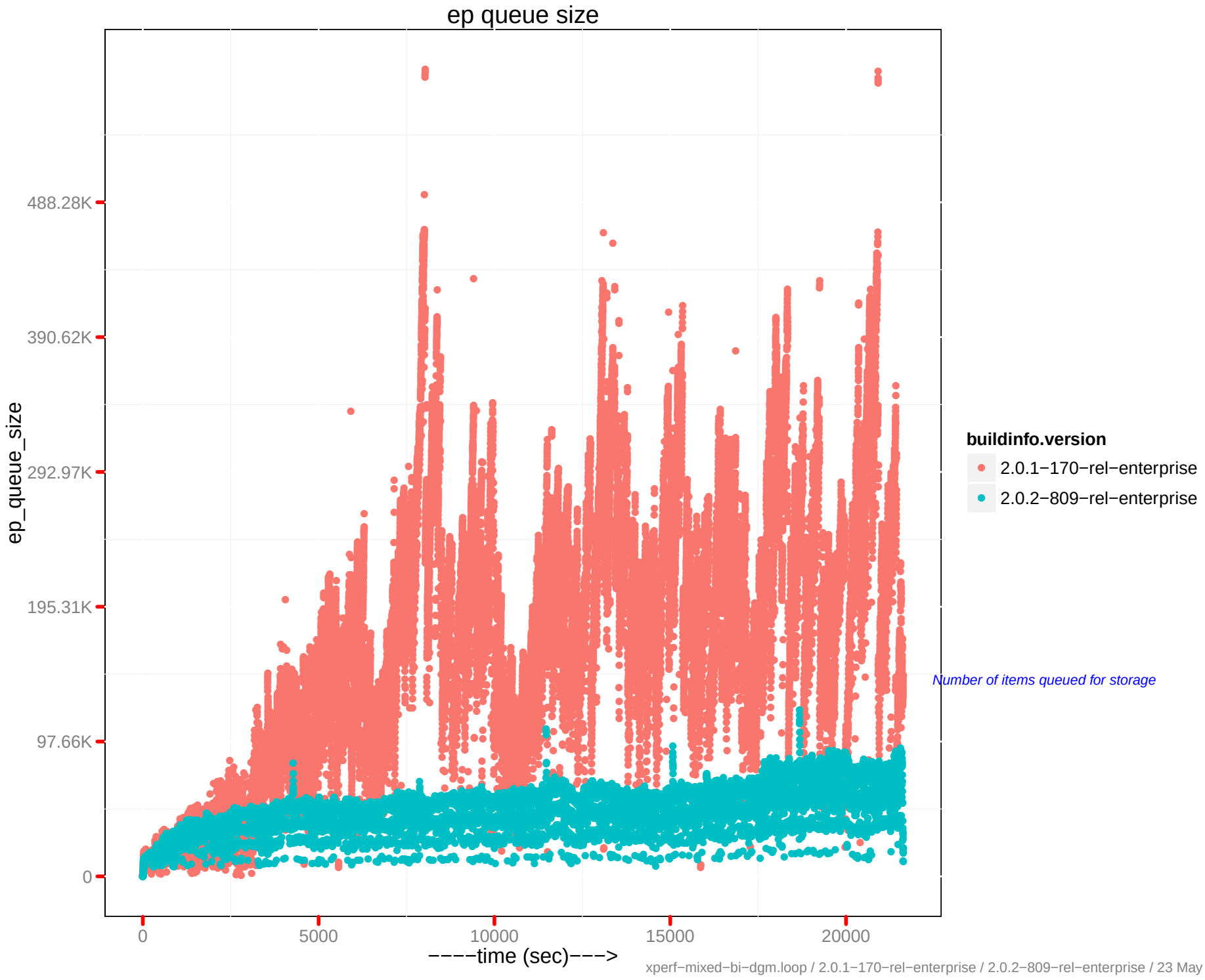
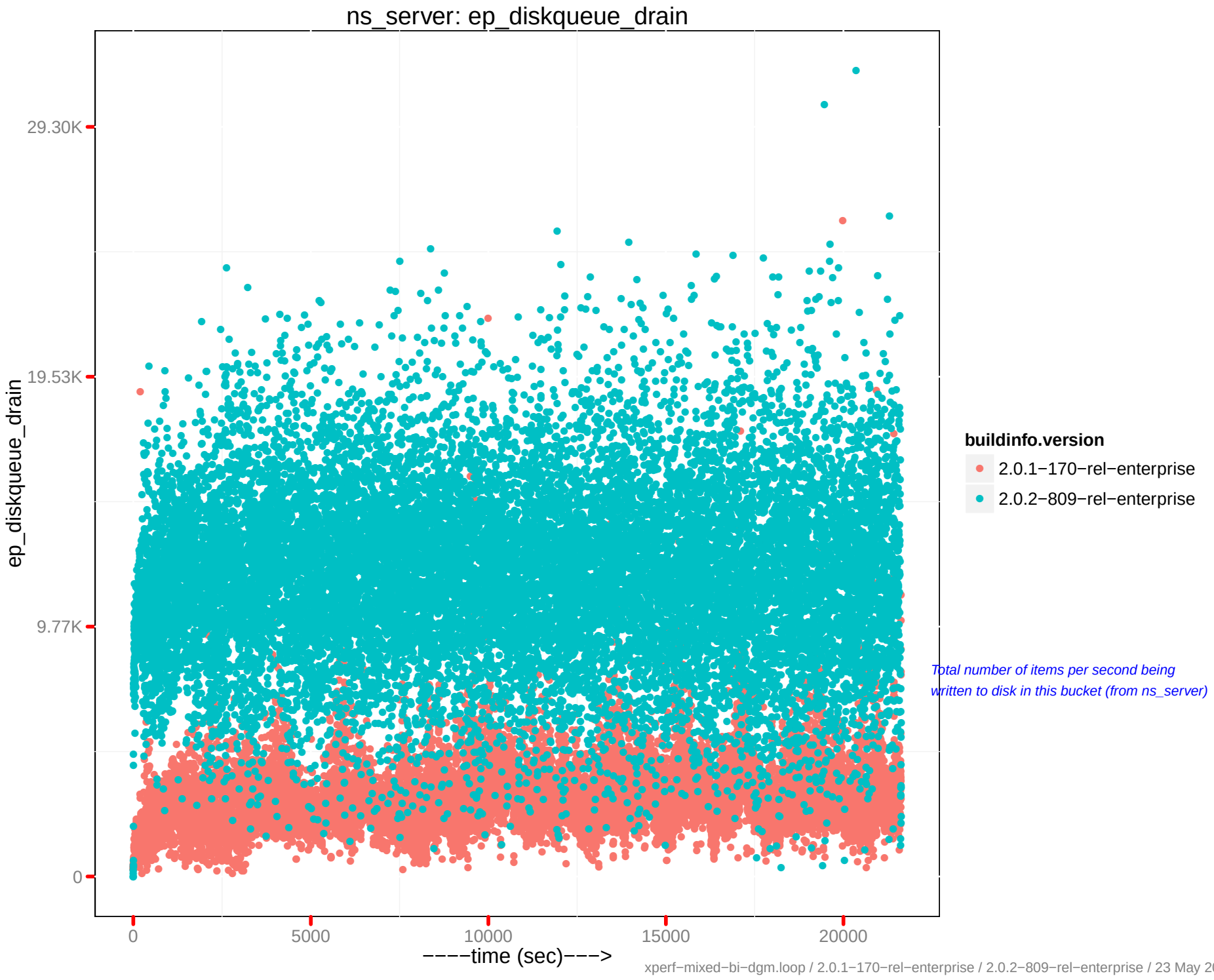

xperf−mixed−bi−dgm.loop : 2.0.1−170−rel−enterprise : 2.0.2−809−rel−enterprise
runtime
peak mem
peak disk
latency−set (95th)
latency−get (95th)
drain rate
1.00x
1.06x
1.05x
1.16x
1.20x
3.80x
Result
Pass
3.0x
2.0x
1.0x
2.0x
3.0x
(righter is better)
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

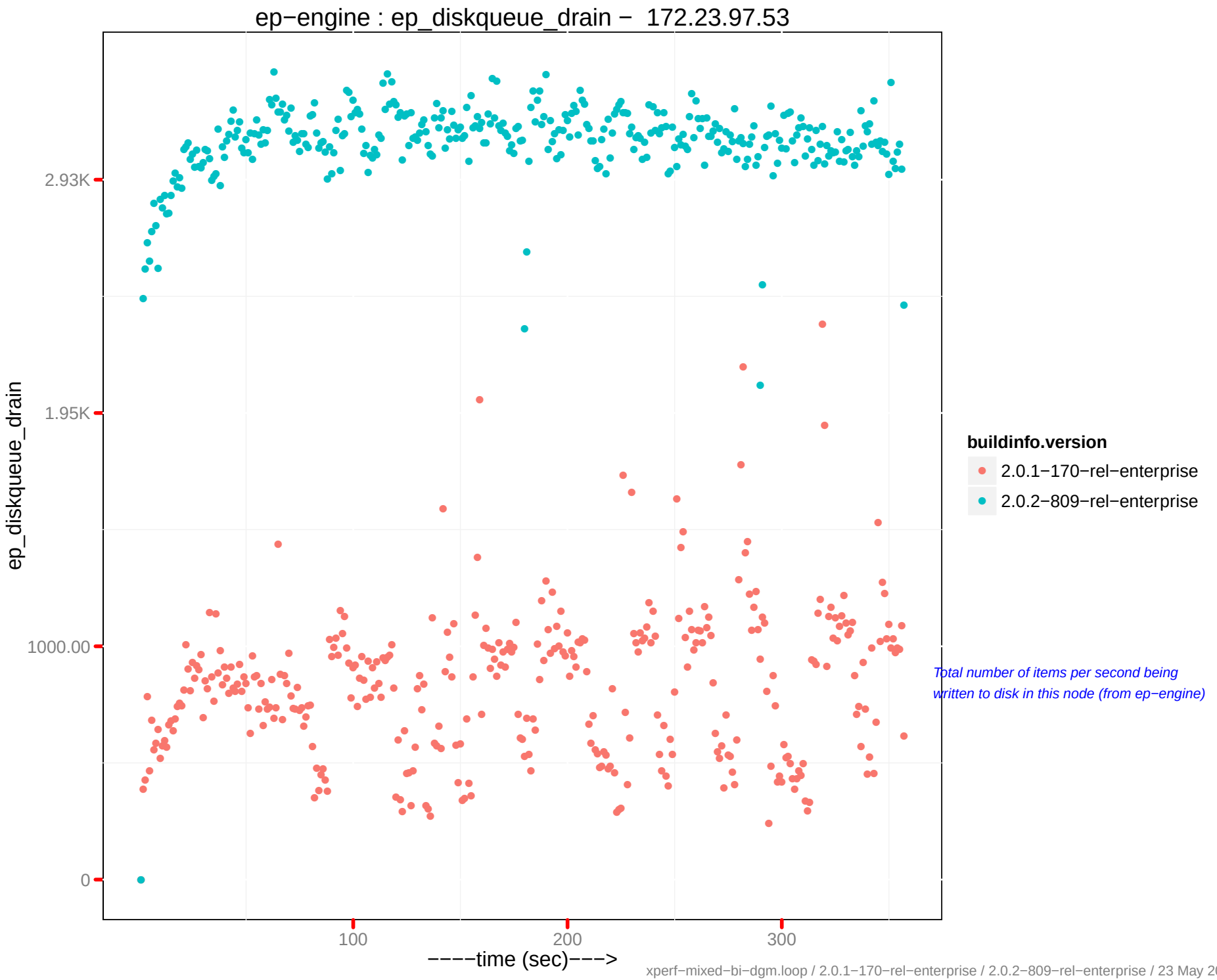
	2.0.1 − 170	2.0.2 − 809
Runtime (in hr)	6.05	6.05
Avg. Drain Rate	3.10K	11.77K
Peak Disk (GB)	126.37	132.62
Peak Memory (GB)	80060.39	84619.69
Avg. OPS	15.49K	16.06K
Avg. mem memcached (GB)	73349.57	71967.33
Avg. mem beam.smp (MB)	6162768.25	926617.39
Avg. CPU rate (%)	75.21	83.18
Latency−get (90th) (ms)	7.86	7.19
Latency−get (95th) (ms)	11.91	9.93
Latency−get (99th) (ms)	29.72	23.81
Latency−set (90th) (ms)	7.84	7.39
Latency−set (95th) (ms)	11.67	10.03
Latency−set (99th) (ms)	30.41	24.64
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	2827.19	4507.11
Avg. XDC docs to replicate	4805.07	246373.04
Rebalance Time (sec)	0	0
Testrunner Version	9bb876f	bcaa139

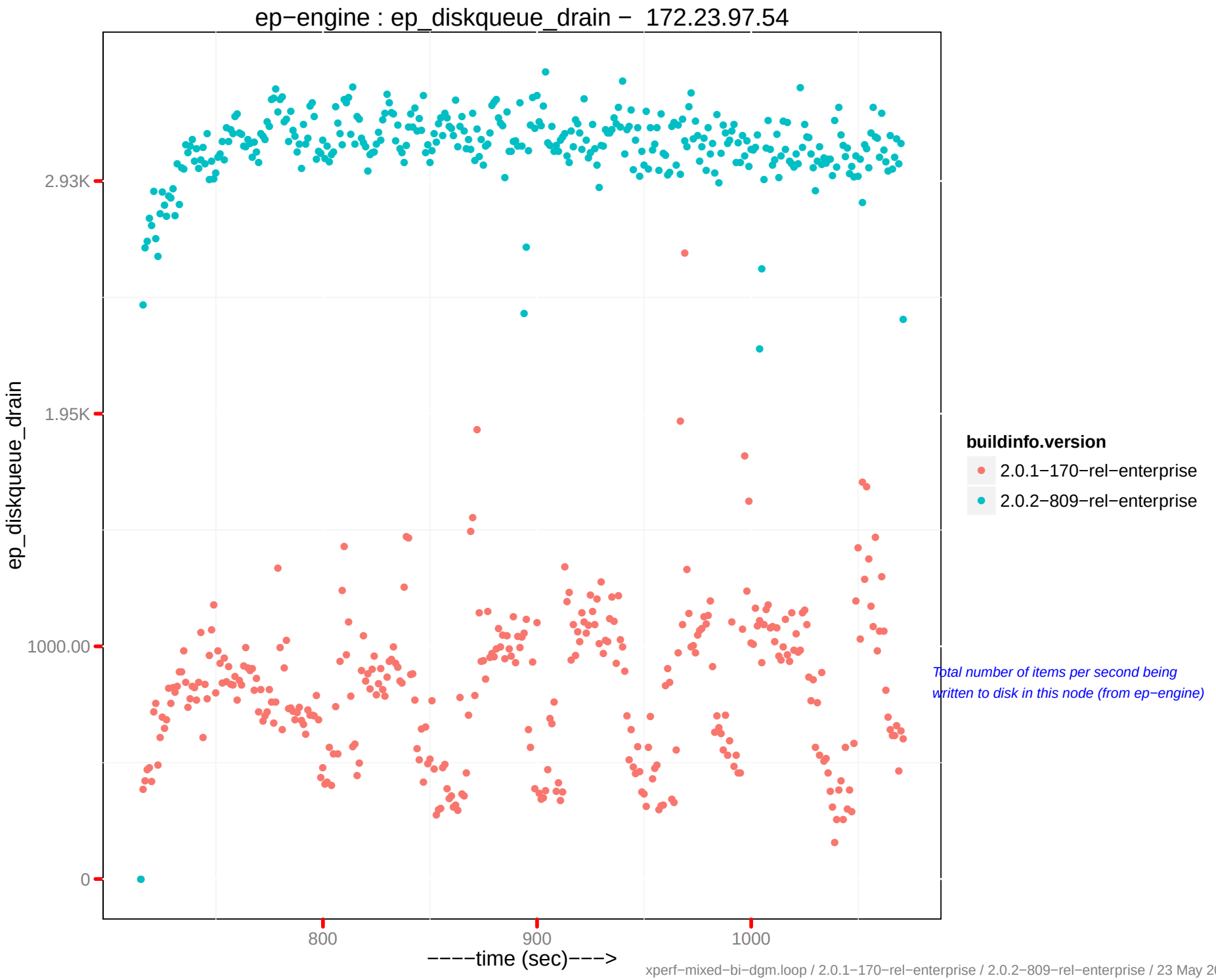

ops/sec
48.83K
39.06K
29.30K
19.53K
9.77K
0
ops/sec
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of ops per second
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

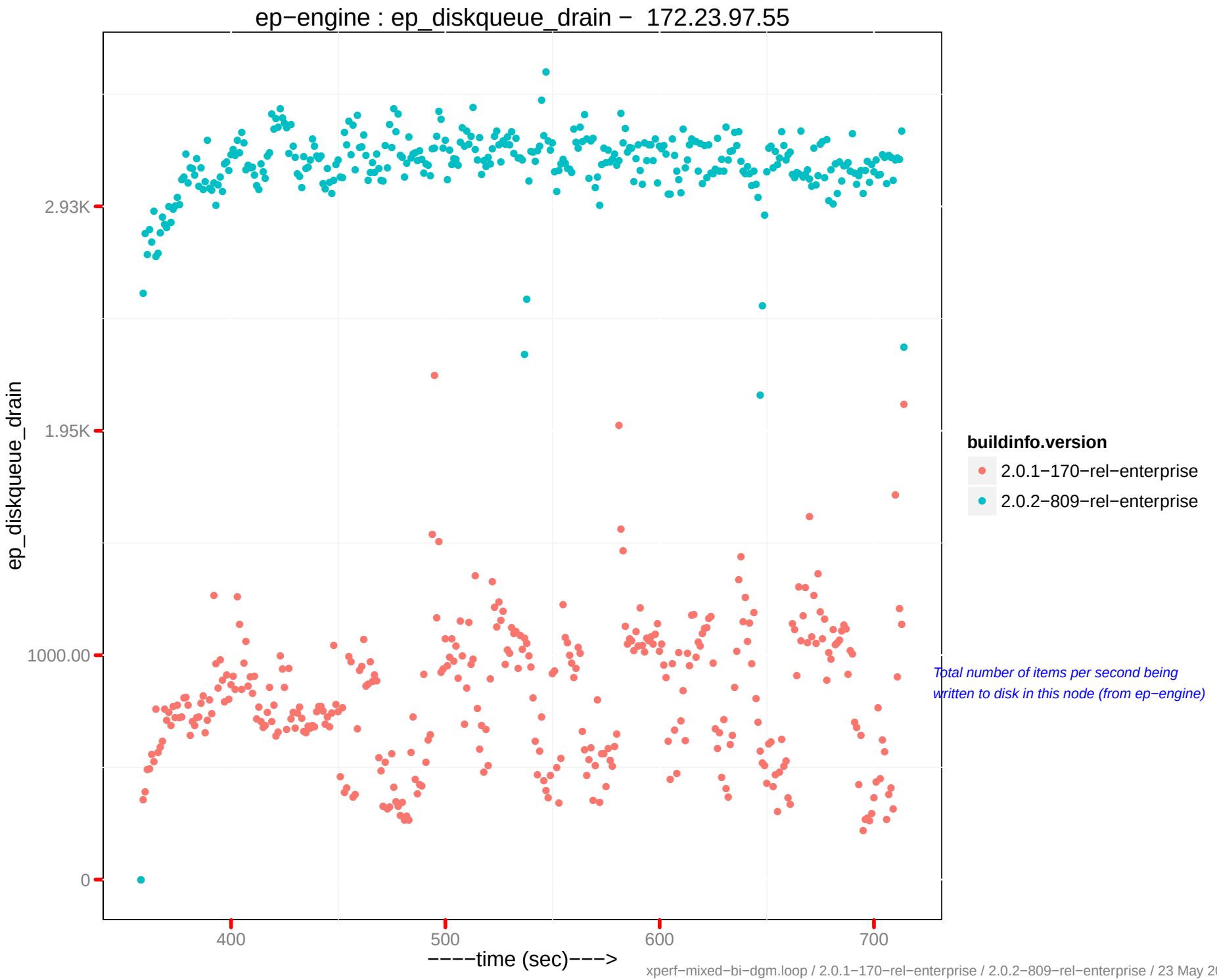

View read per sec.
Queries/sec
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
All the view reads for all design documents including scatter gather.
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

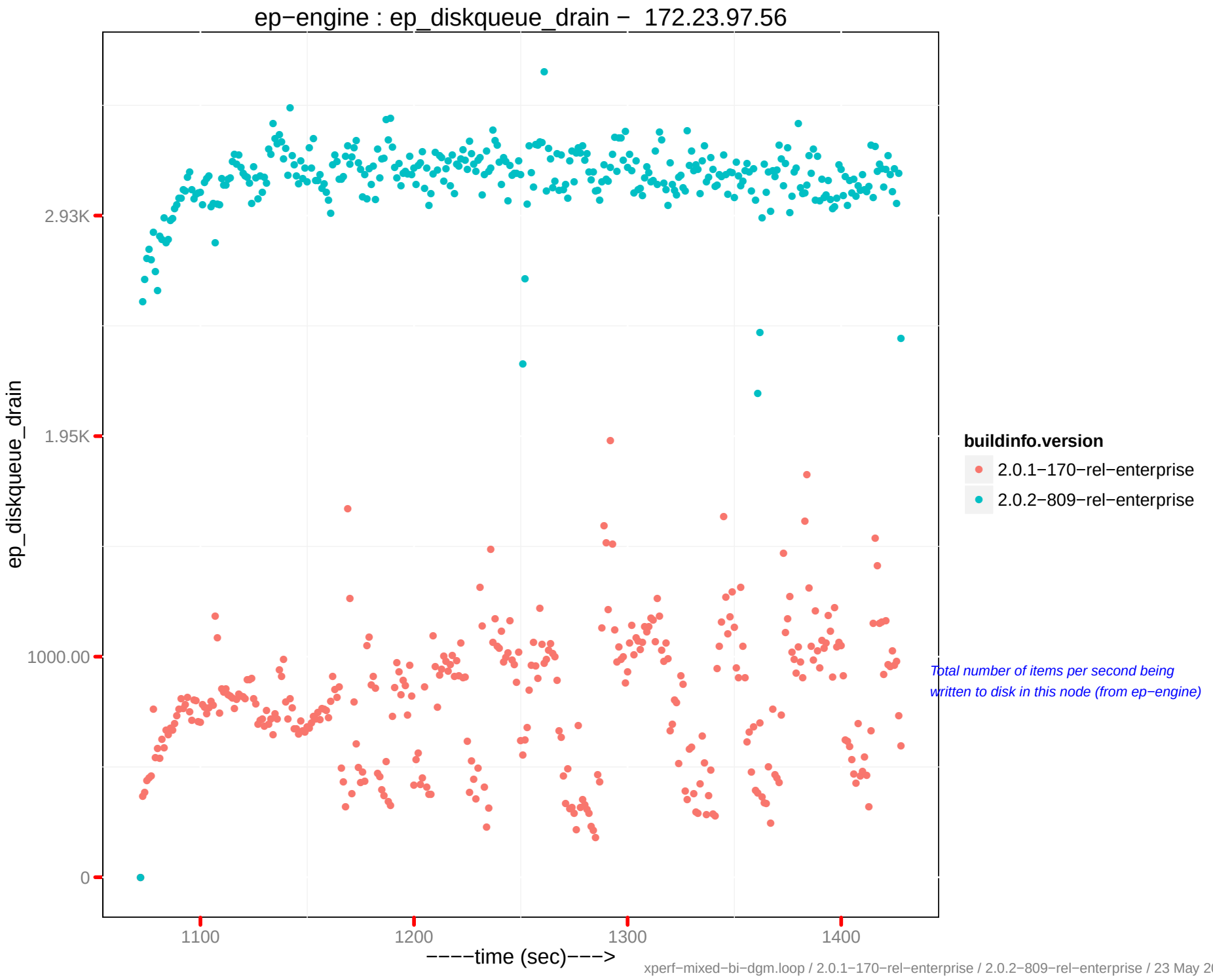

ep queue size
ep_queue_size
488.28K
390.62K
292.97K
195.31K
97.66K
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of items queued for storage
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

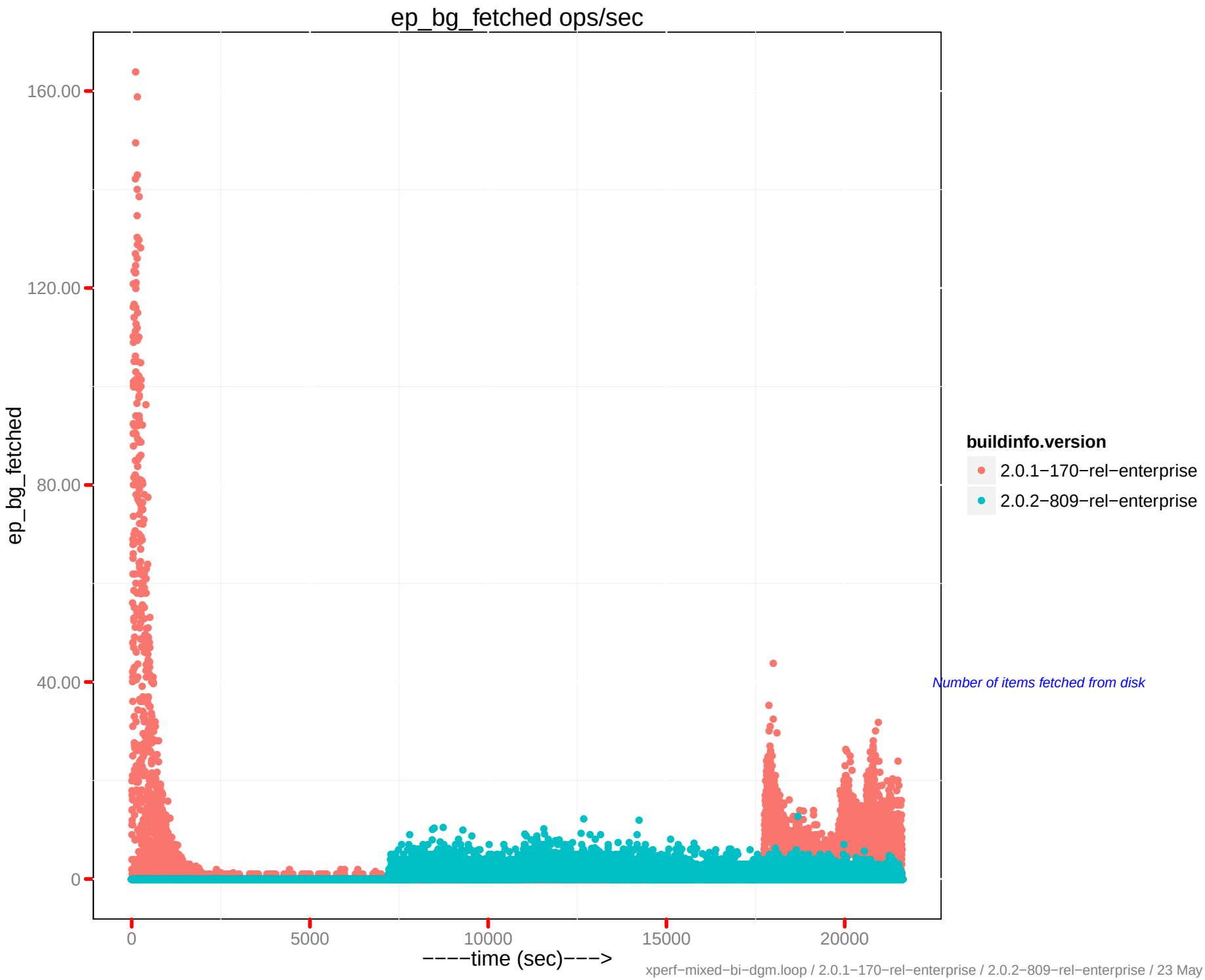

ns_server: ep_diskqueue_drain
ep_diskqueue_drain
29.30K
19.53K
9.77K
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Total number of items per second being written to disk in this bucket (from ns_server)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

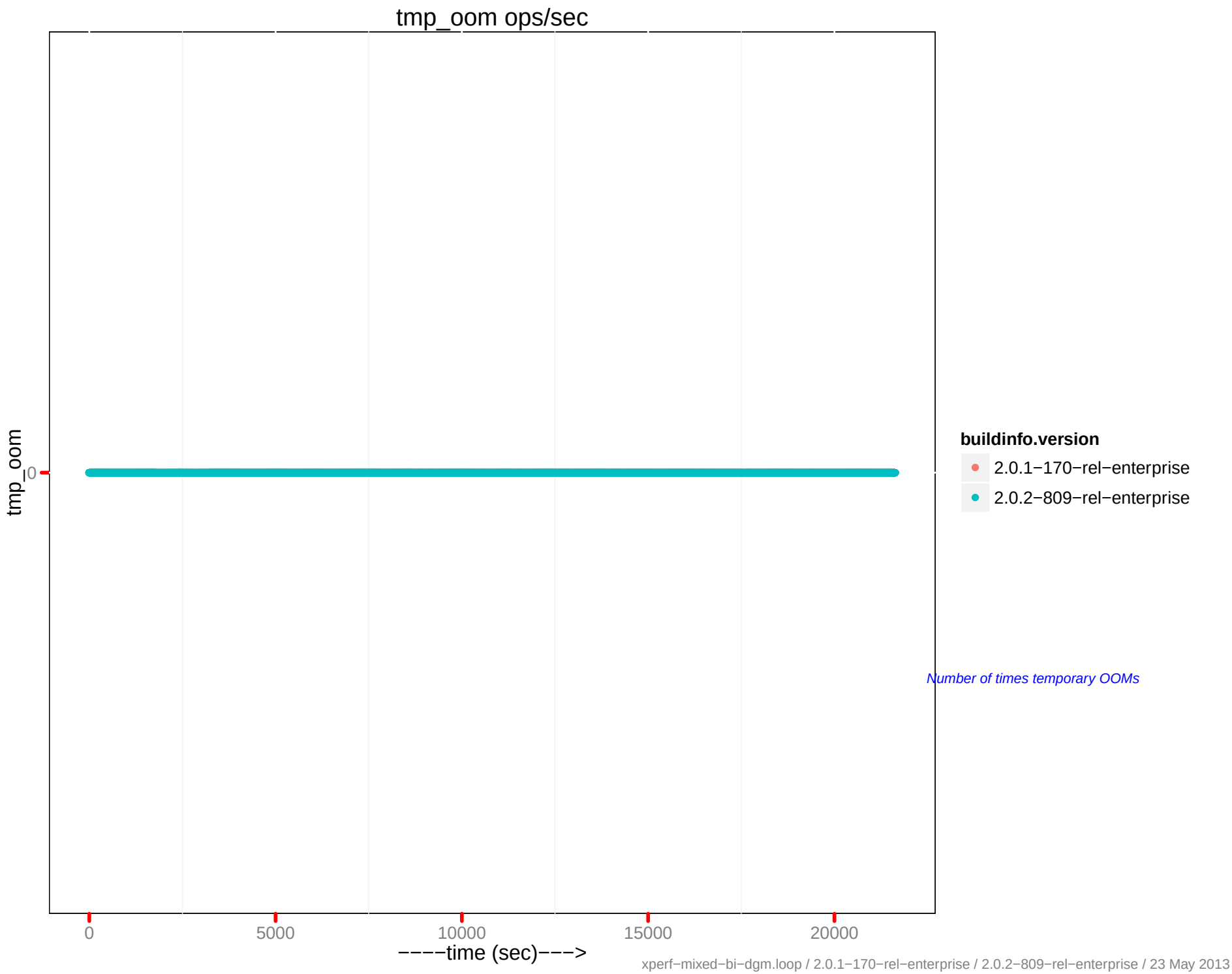

ep−engine : ep_diskqueue_drain − 172.23.97.53
ep_diskqueue_drain
2.93K
1.95K
1000.00
0
100
200
300
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

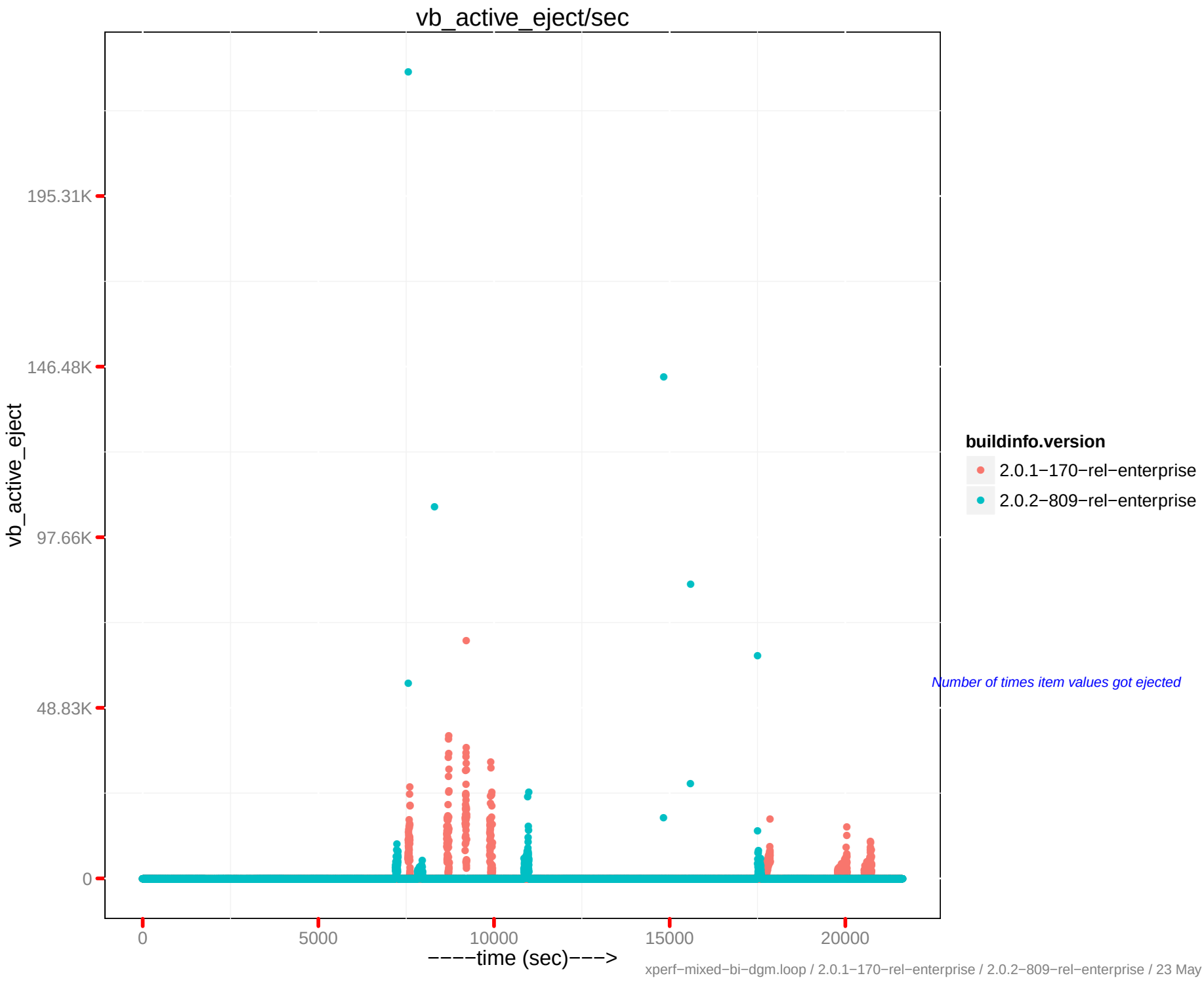

ep−engine : ep_diskqueue_drain − 172.23.97.54
ep_diskqueue_drain
2.93K
1.95K
1000.00
0
800
900
1000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

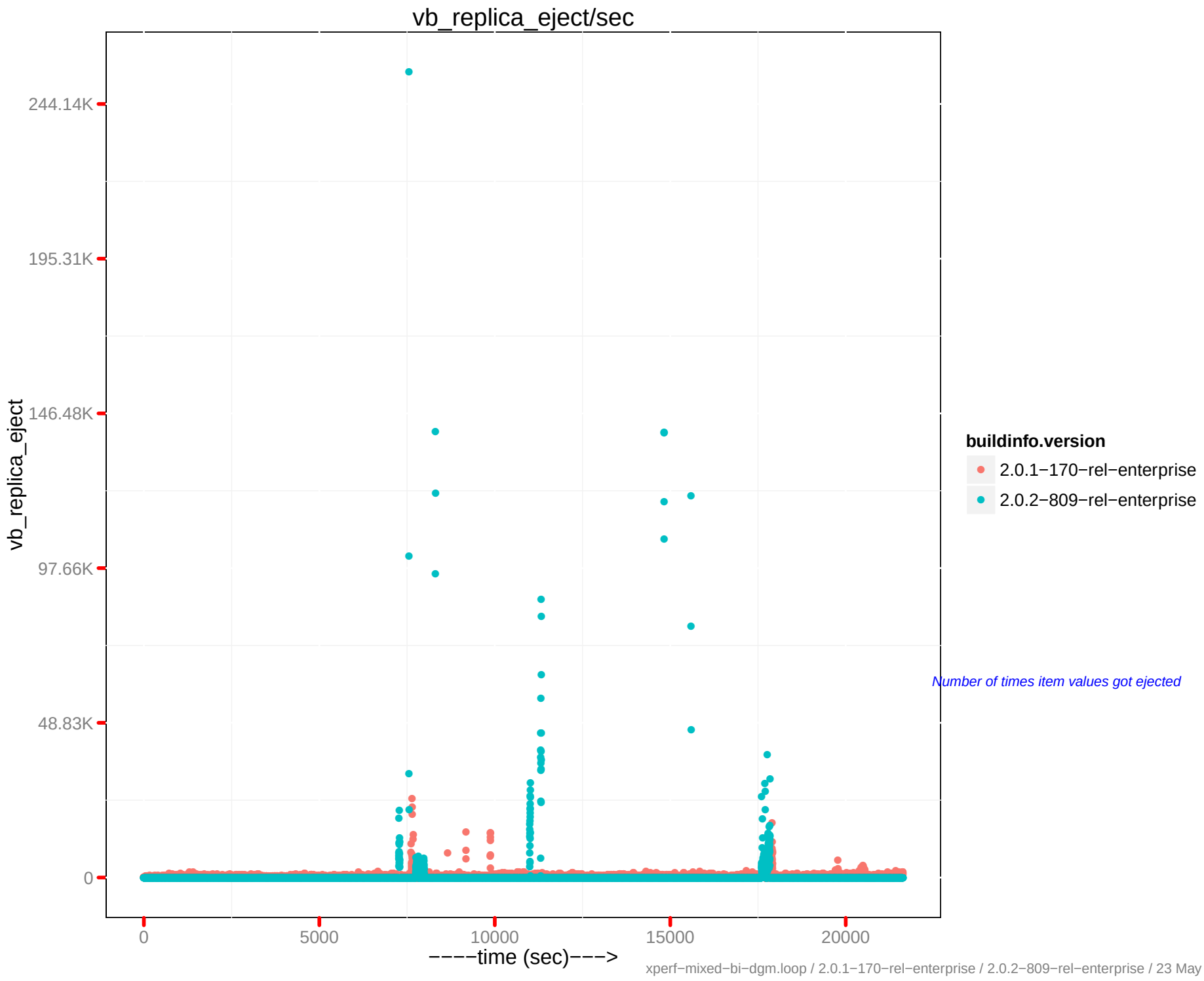

ep−engine : ep_diskqueue_drain − 172.23.97.55
ep_diskqueue_drain
2.93K
1.95K
1000.00
0
400
500
600
700
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

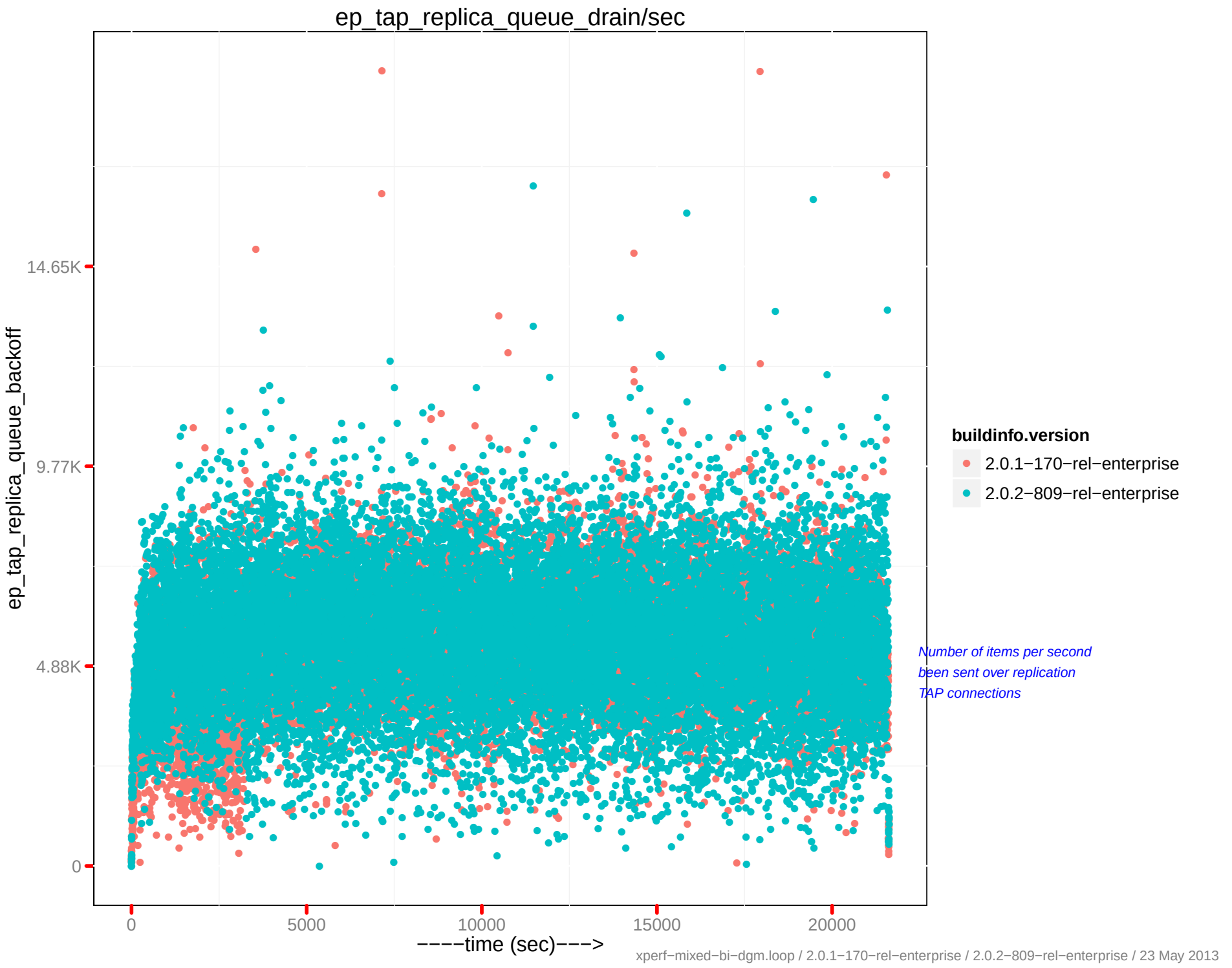

ep−engine : ep_diskqueue_drain − 172.23.97.56
ep_diskqueue_drain
2.93K
1.95K
1000.00
0
1100
1200
1300
1400
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
Total number of items per second being written to disk in this node (from ep−engine)
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

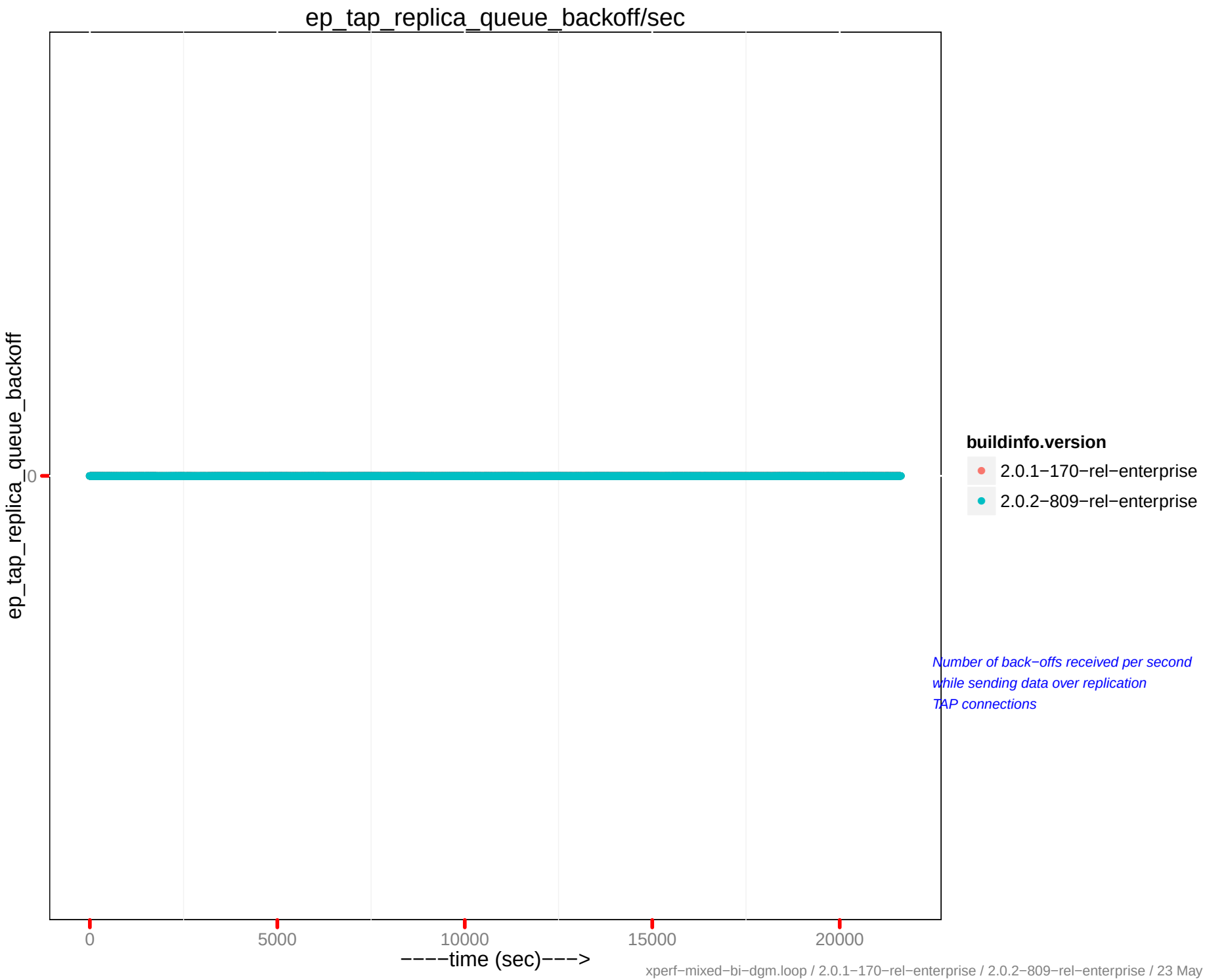

ep_bg_fetched ops/sec
160.00
120.00
80.00
40.00
0
ep_bg_fetched
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of items fetched from disk
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

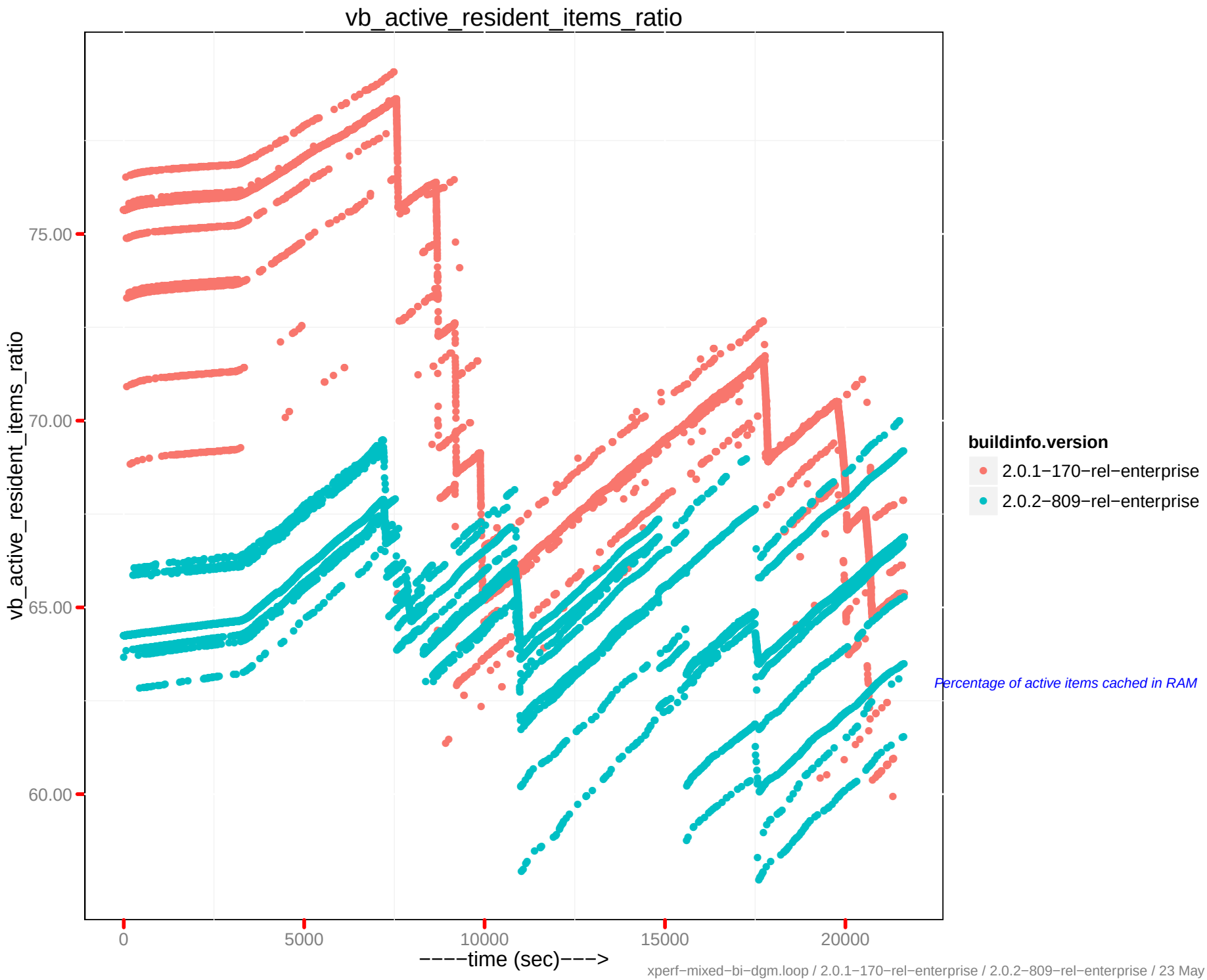

tmp_oom ops/sec
tmp_oom
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of times temporary OOMs
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

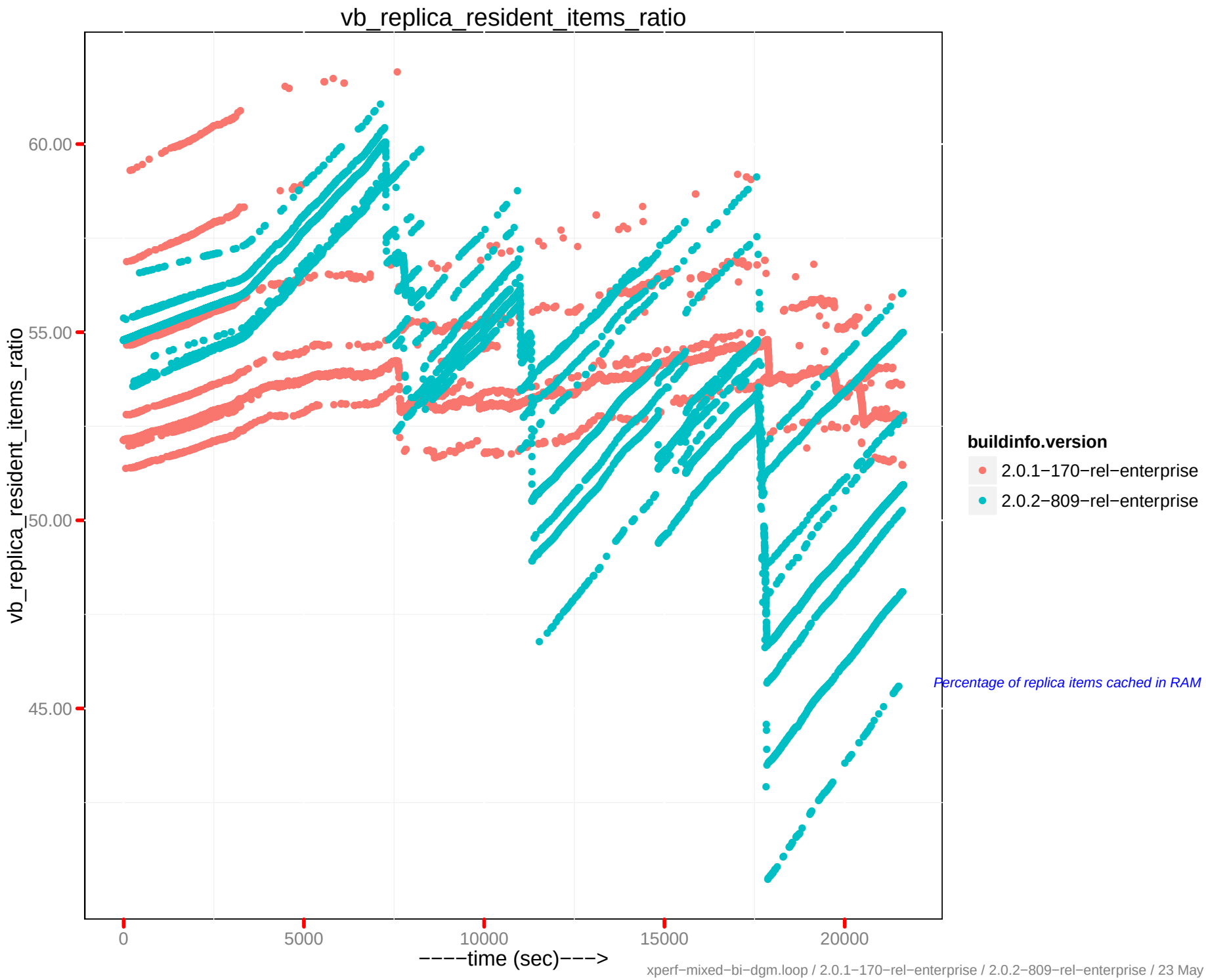

vb_active_eject/sec
195.31K
146.48K
97.66K
48.83K
0
vb_active_eject
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of times item values got ejected
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

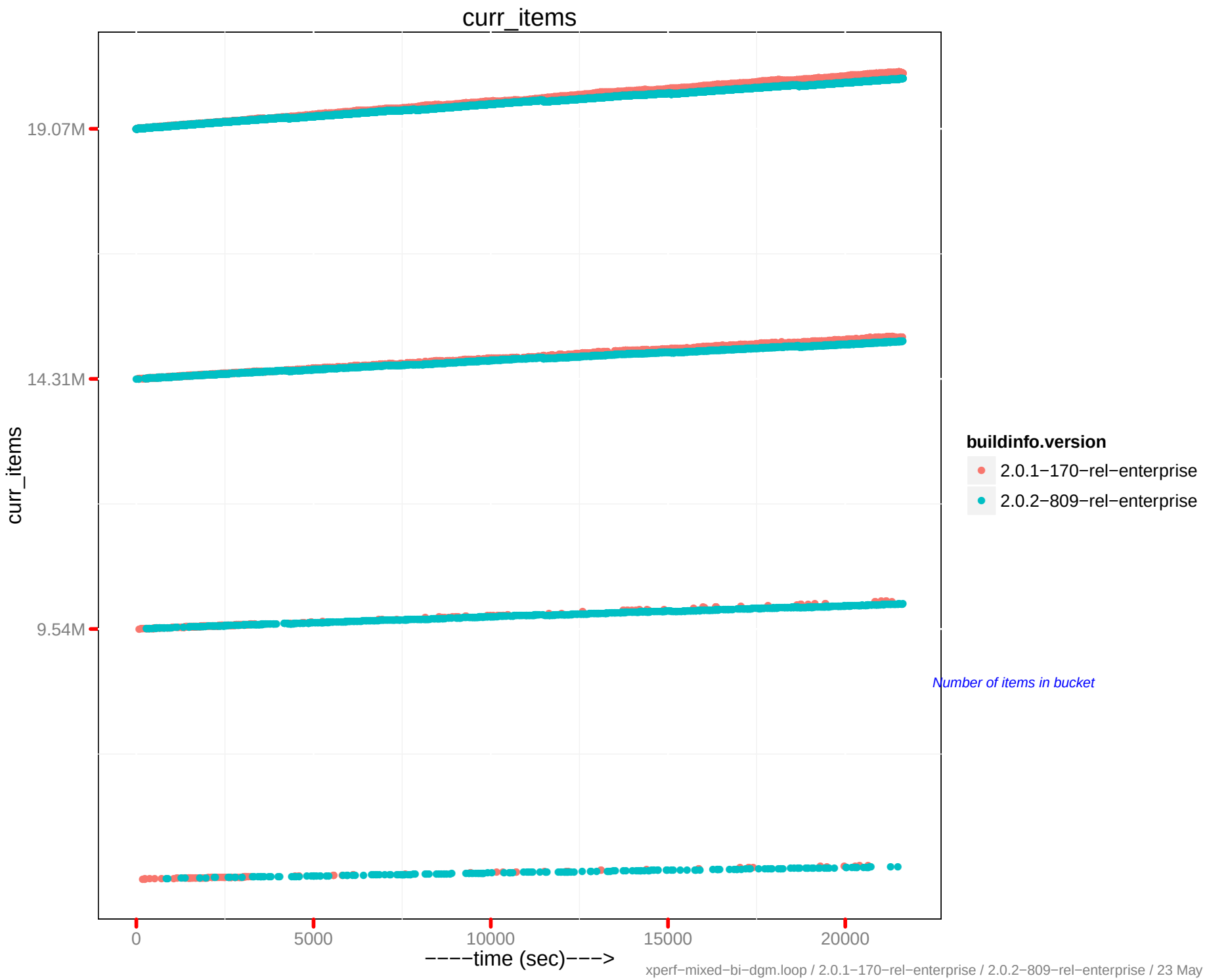

vb_replica_eject/sec
244.14K
195.31K
146.48K
97.66K
48.83K
0
vb_replica_eject
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of times item values got ejected
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

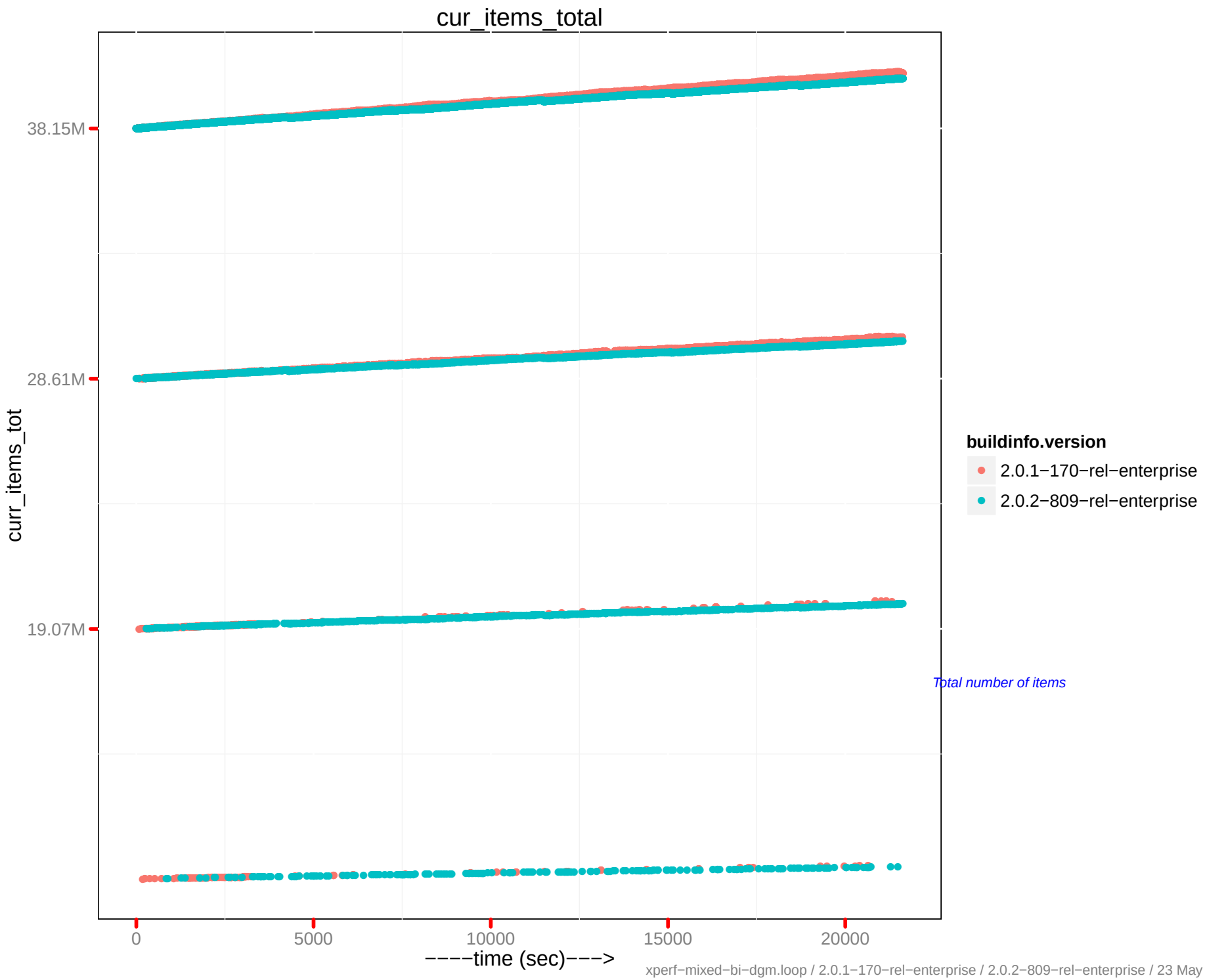

ep_tap_replica_queue_drain/sec
ep_tap_replica_queue_backoff
14.65K
9.77K
4.88K
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of items per second
been sent over replication
TAP connections
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

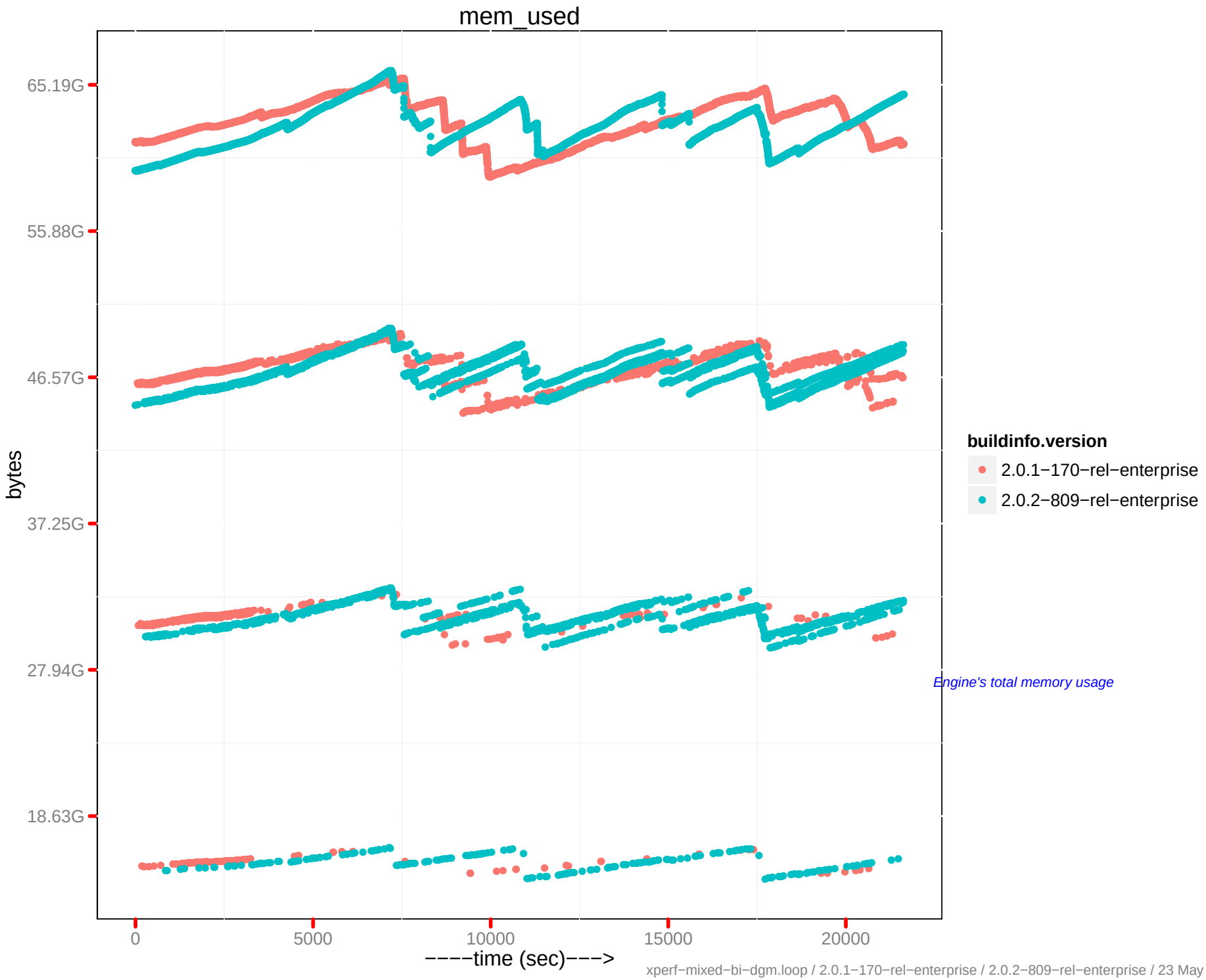

ep_tap_replica_queue_backoff/sec
ep_tap_replica_queue_backoff
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of back-offs received per second
while sending data over replication
TAP connections
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

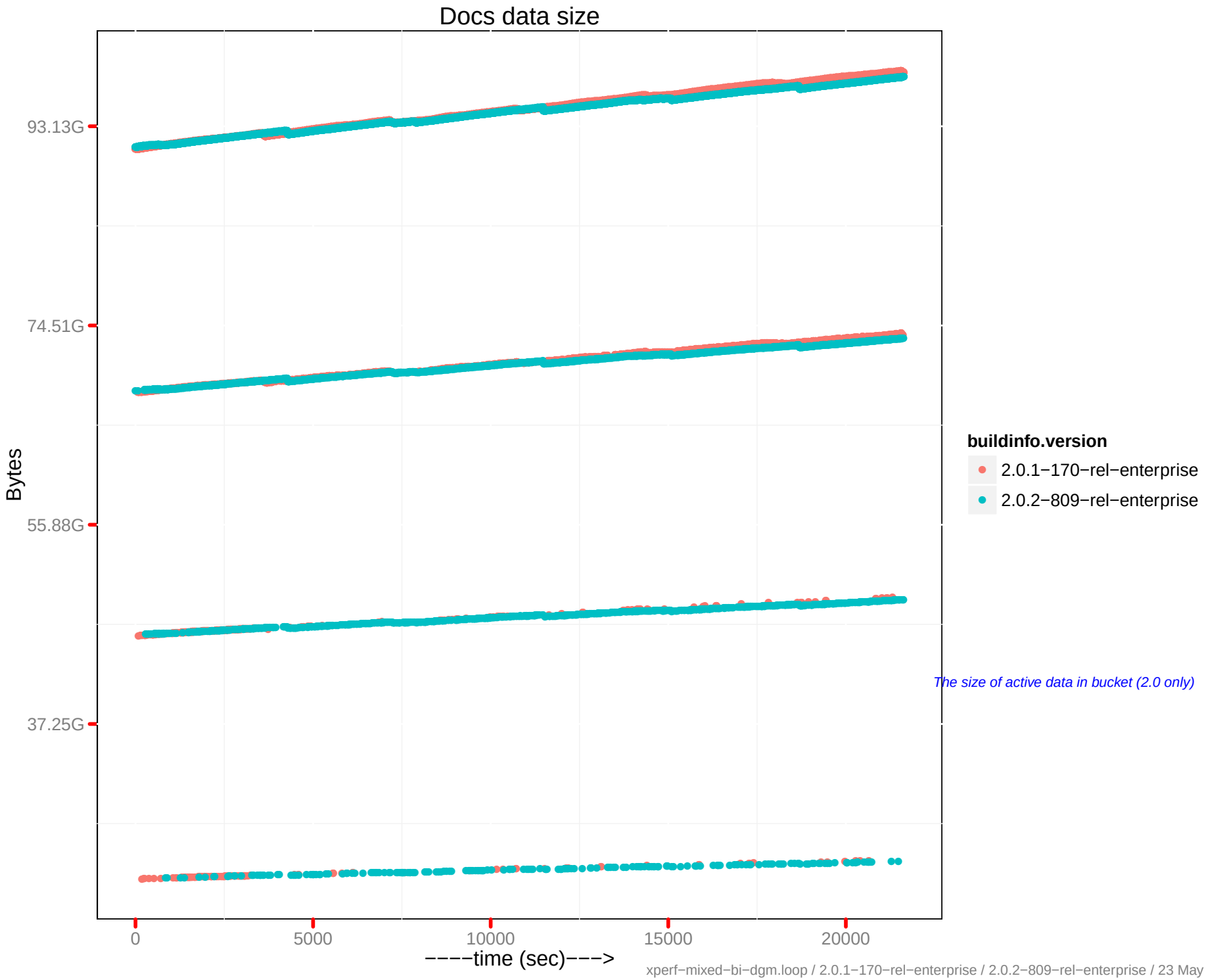

vb_active_resident_items_ratio
vb_active_resident_items_ratio
75.00
70.00
65.00
60.00
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Percentage of active items cached in RAM
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

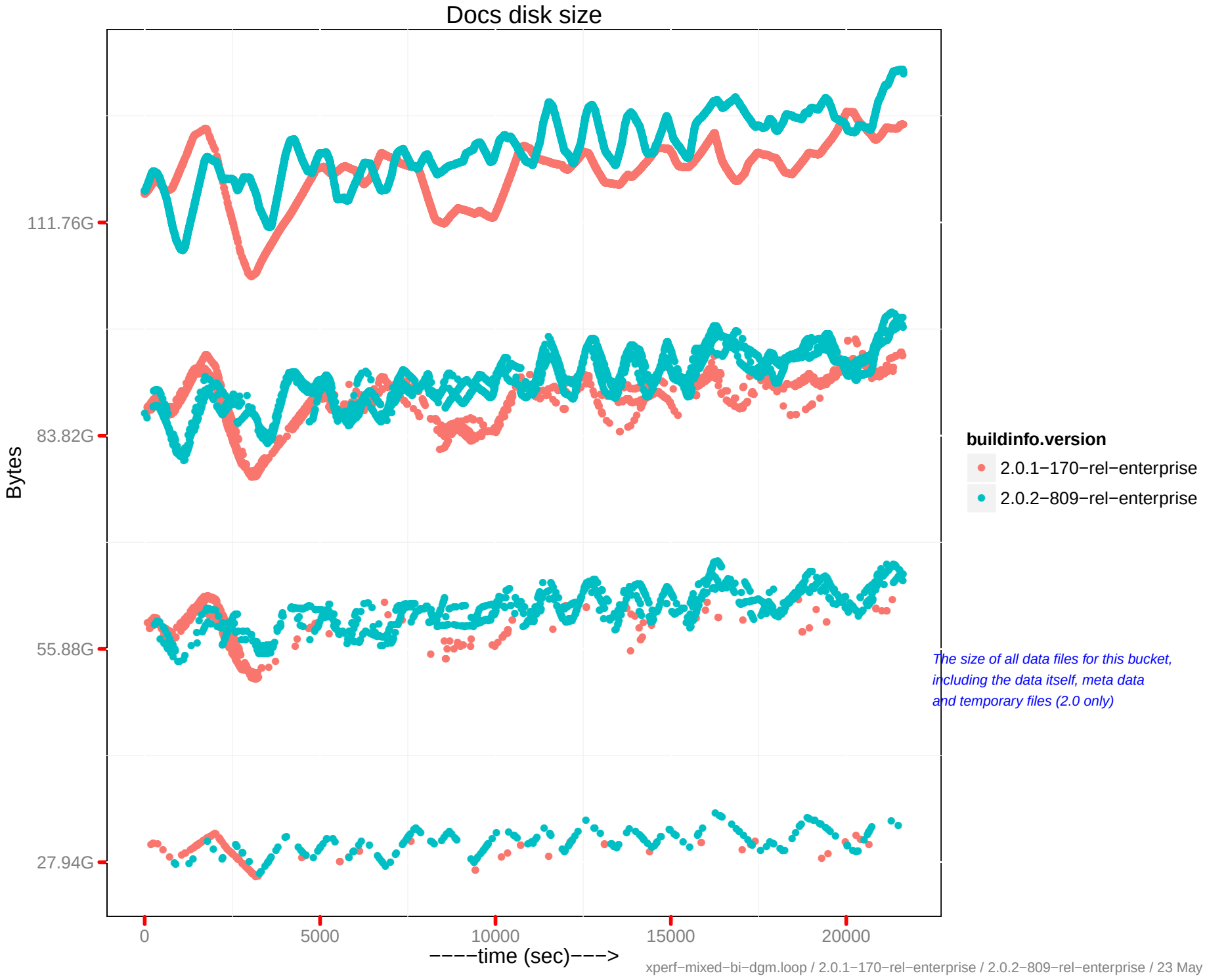

vb_replica_resident_items_ratio
vb_replica_resident_items_ratio
60.00
55.00
50.00
45.00
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Percentage of replica items cached in RAM
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

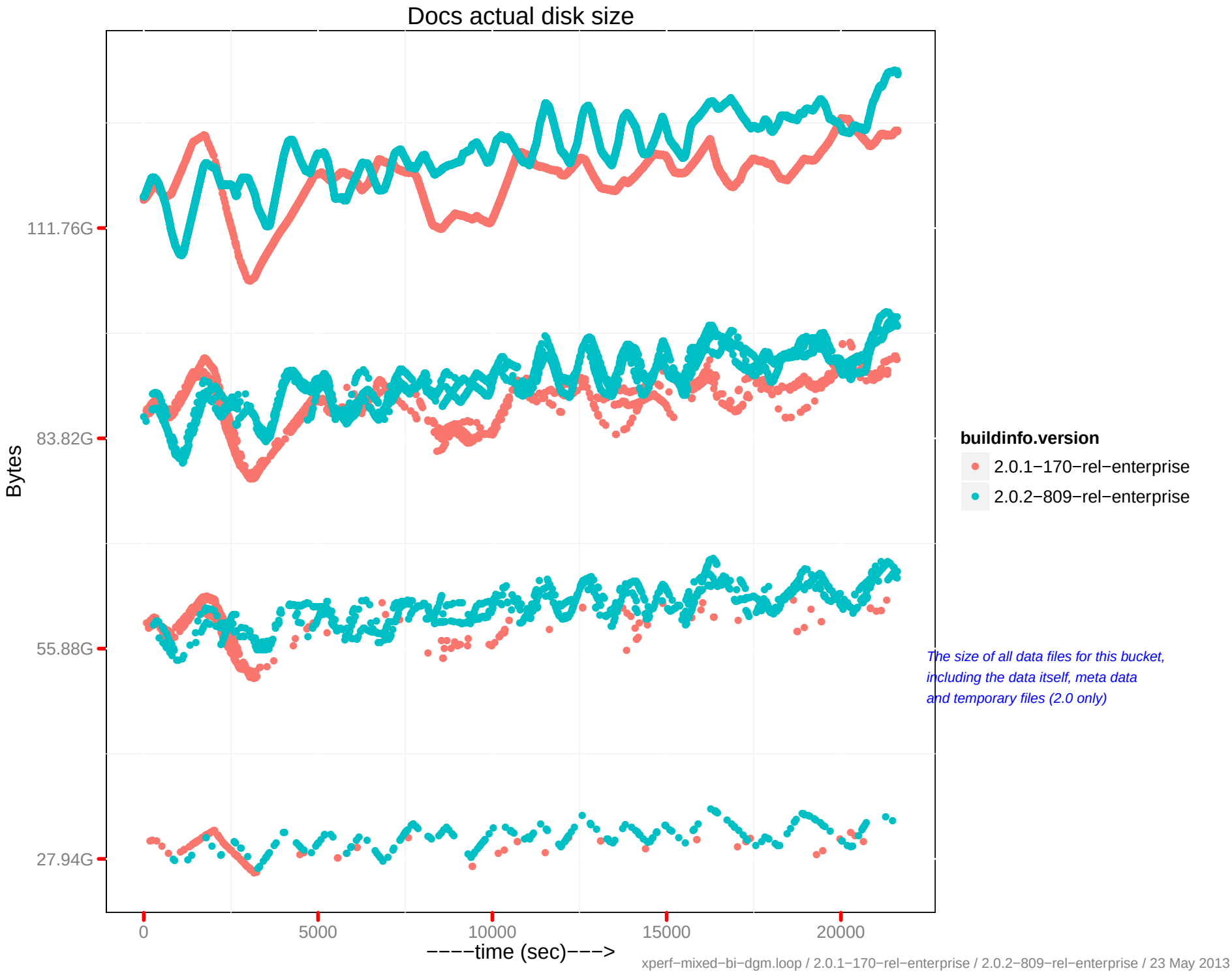

curr_items
19.07M
14.31M
9.54M
curr_items
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of items in bucket
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

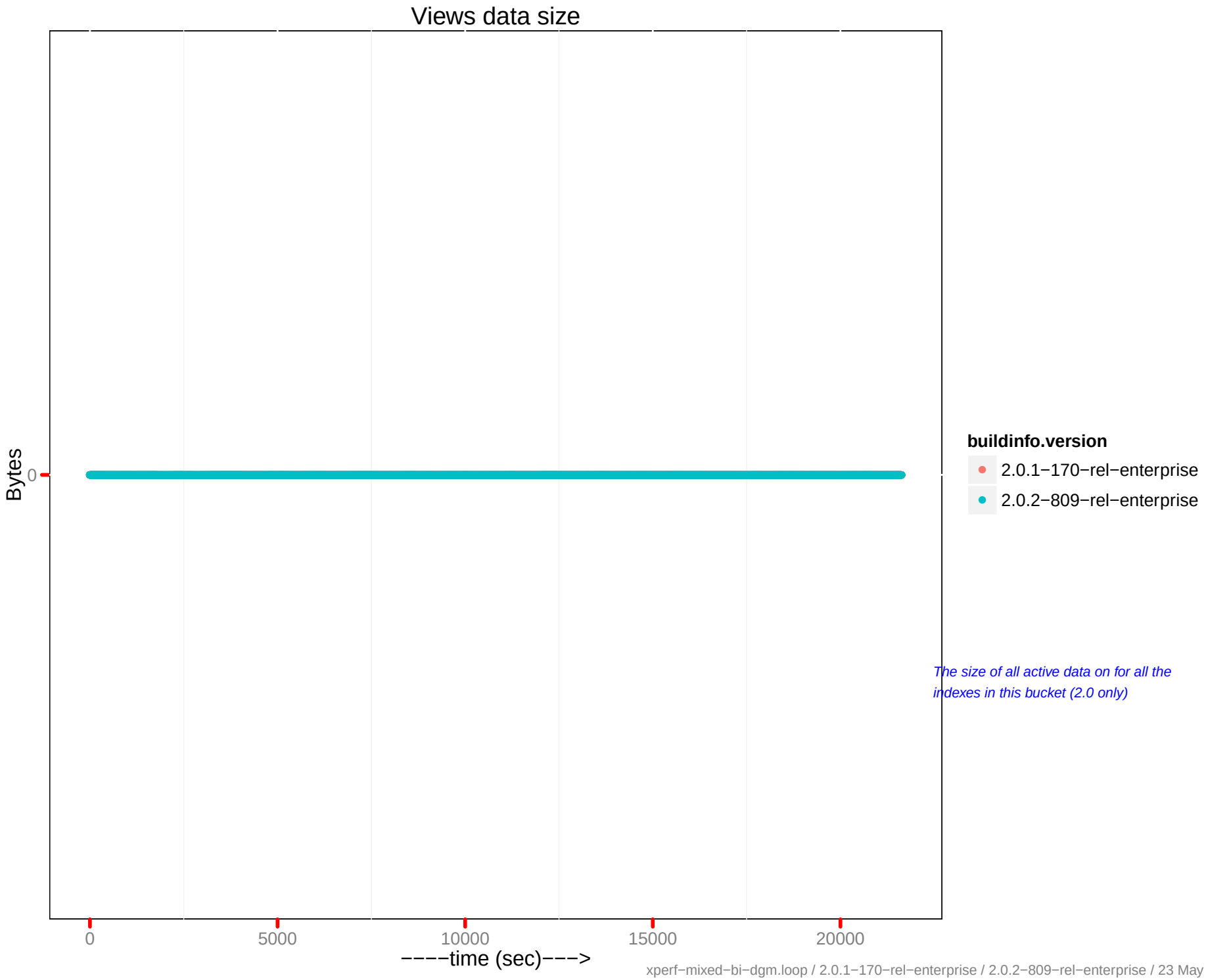

cur_items_total
38.15M
28.61M
19.07M
curr_items_tot
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Total number of items
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

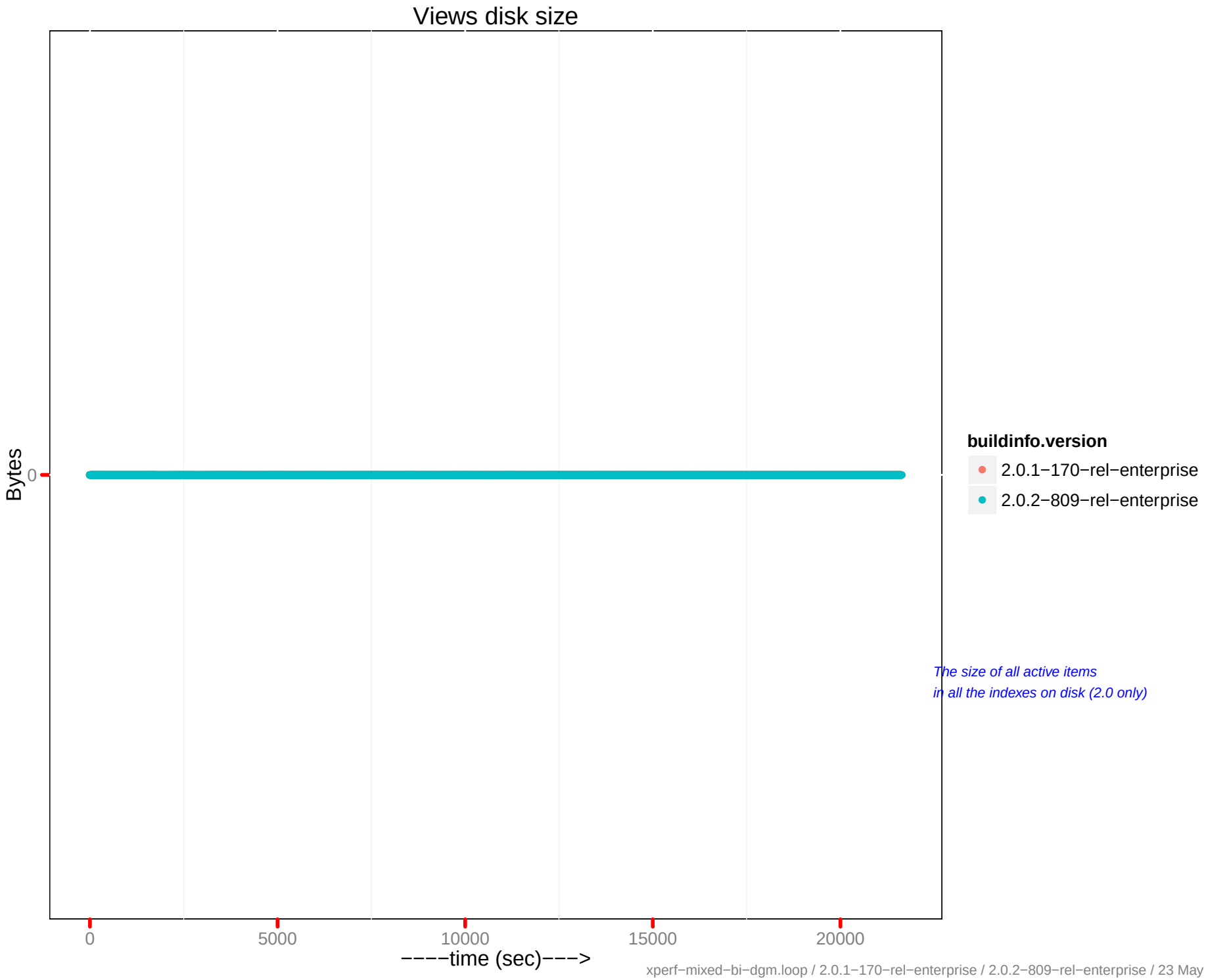

mem_used
65.19G
55.88G
46.57G
37.25G
27.94G
18.63G
bytes
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Engine's total memory usage
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

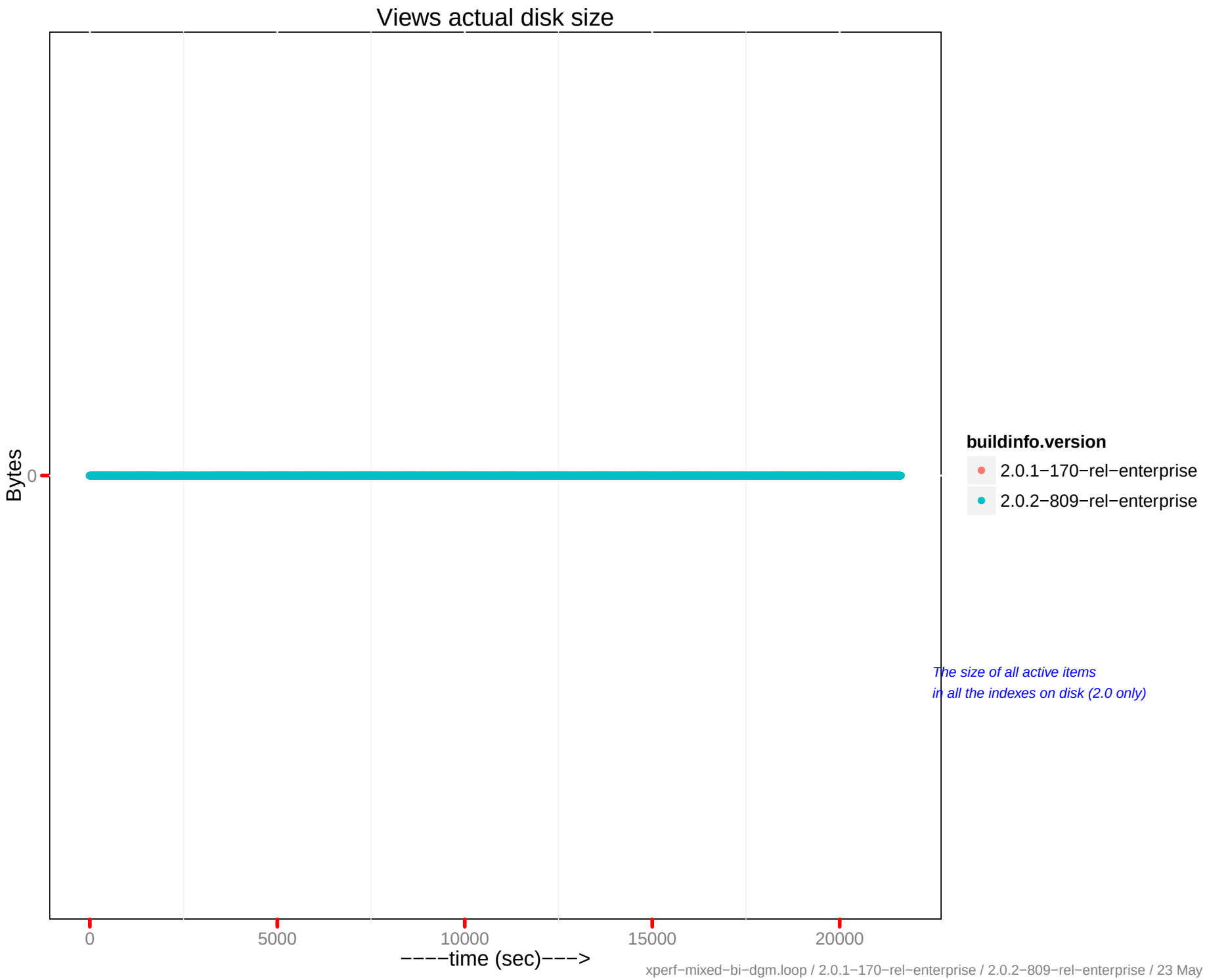

Docs data size
93.13G
74.51G
55.88G
37.25G
Bytes
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
The size of active data in bucket (2.0 only)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

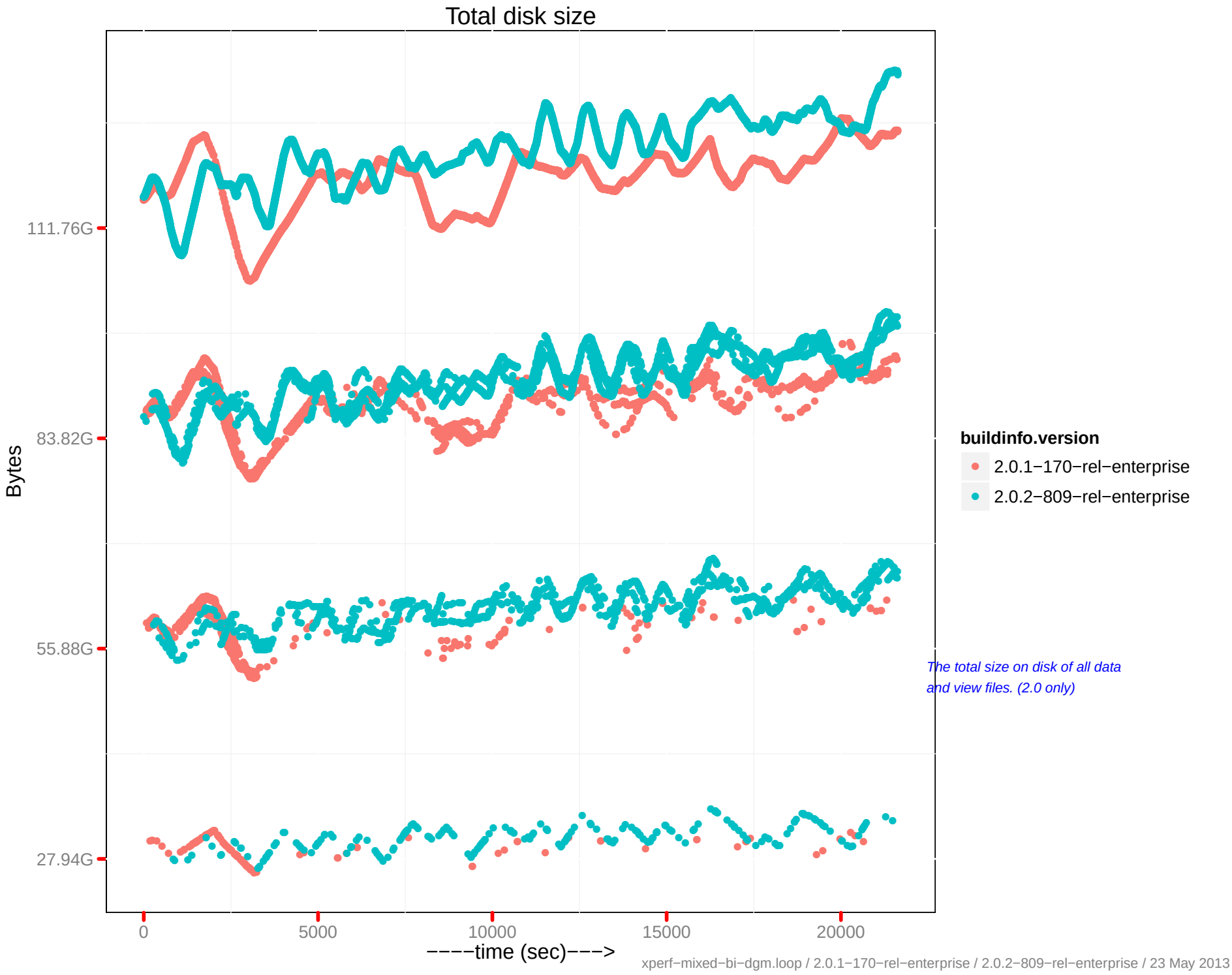

Docs disk size
111.76G
83.82G
55.88G
27.94G
Bytes
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
The size of all data files for this bucket, including the data itself, meta data and temporary files (2.0 only)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

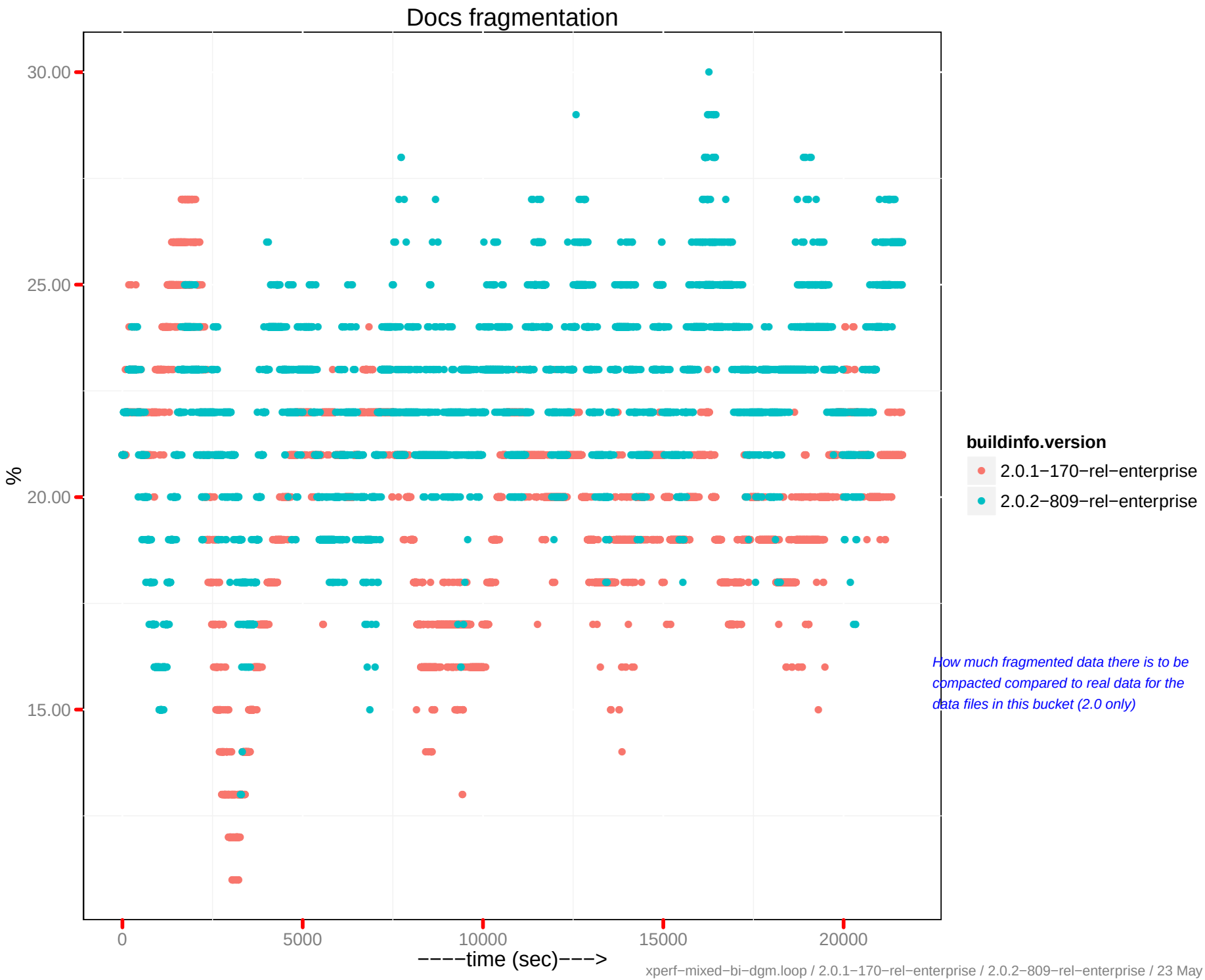

Docs actual disk size
111.76G
83.82G
55.88G
27.94G
Bytes
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
The size of all data files for this bucket, including the data itself, meta data and temporary files (2.0 only)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

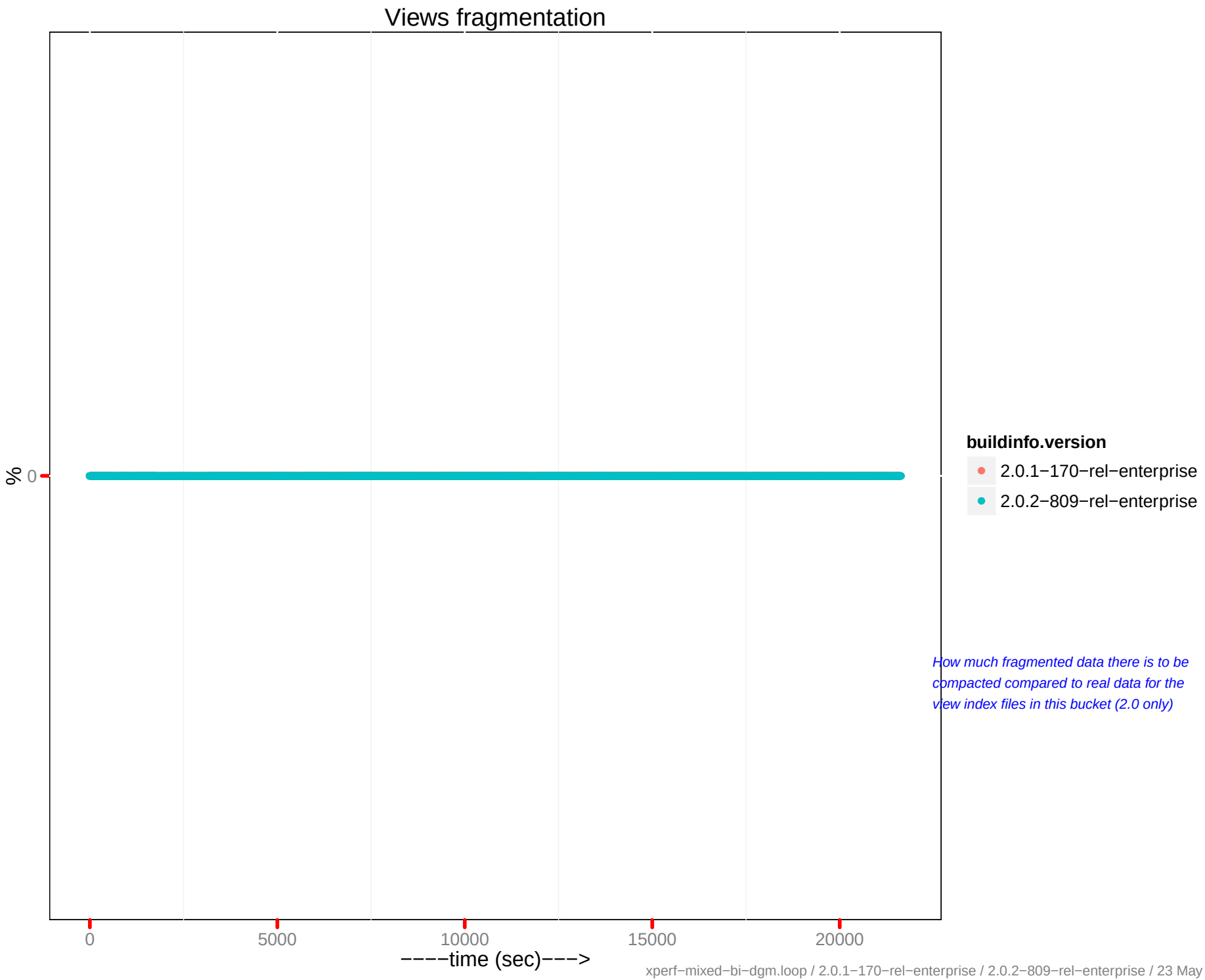

Views data size
Bytes
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
The size of all active data on for all the indexes in this bucket (2.0 only)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

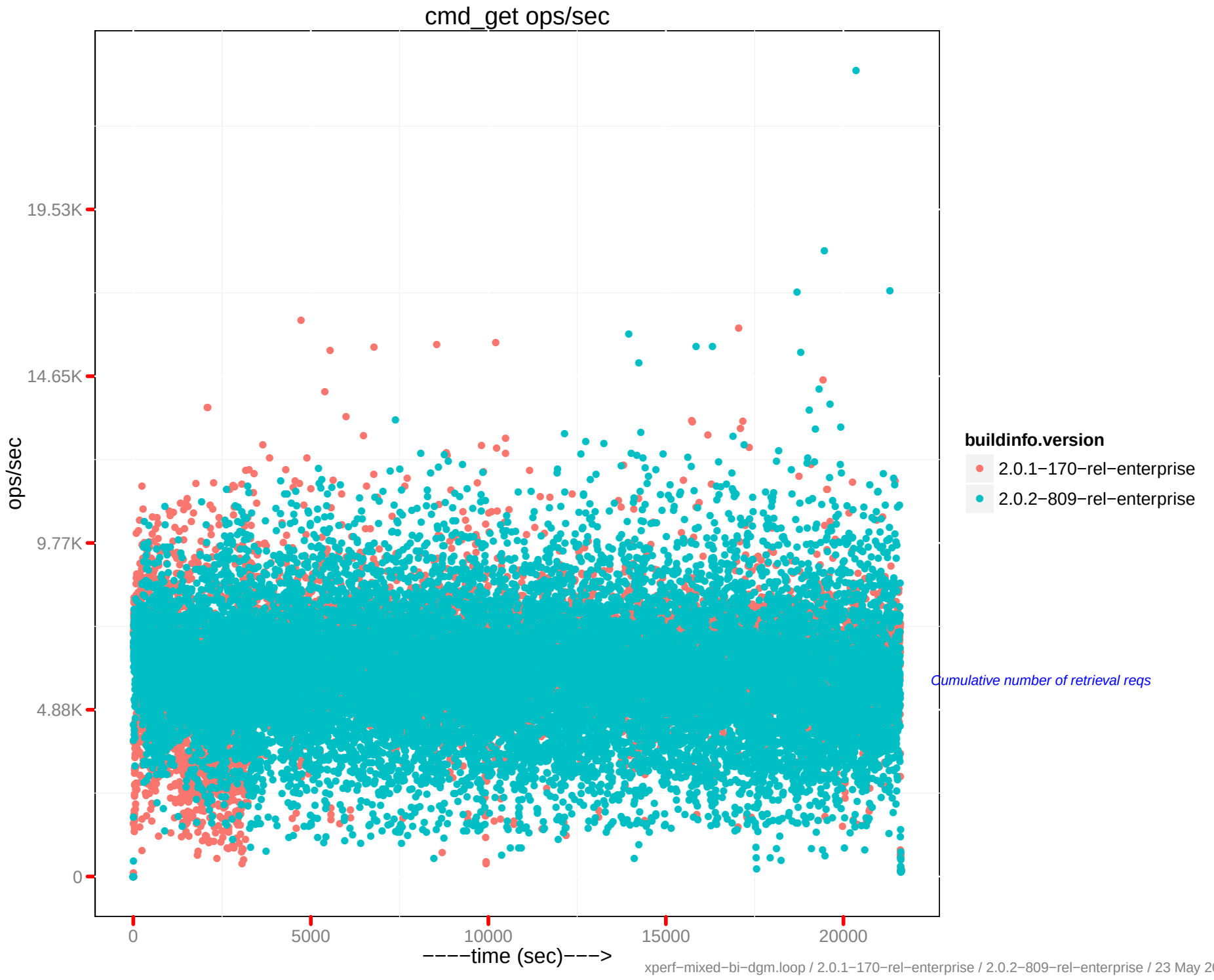

Views disk size
Bytes
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
The size of all active items
in all the indexes on disk (2.0 only)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

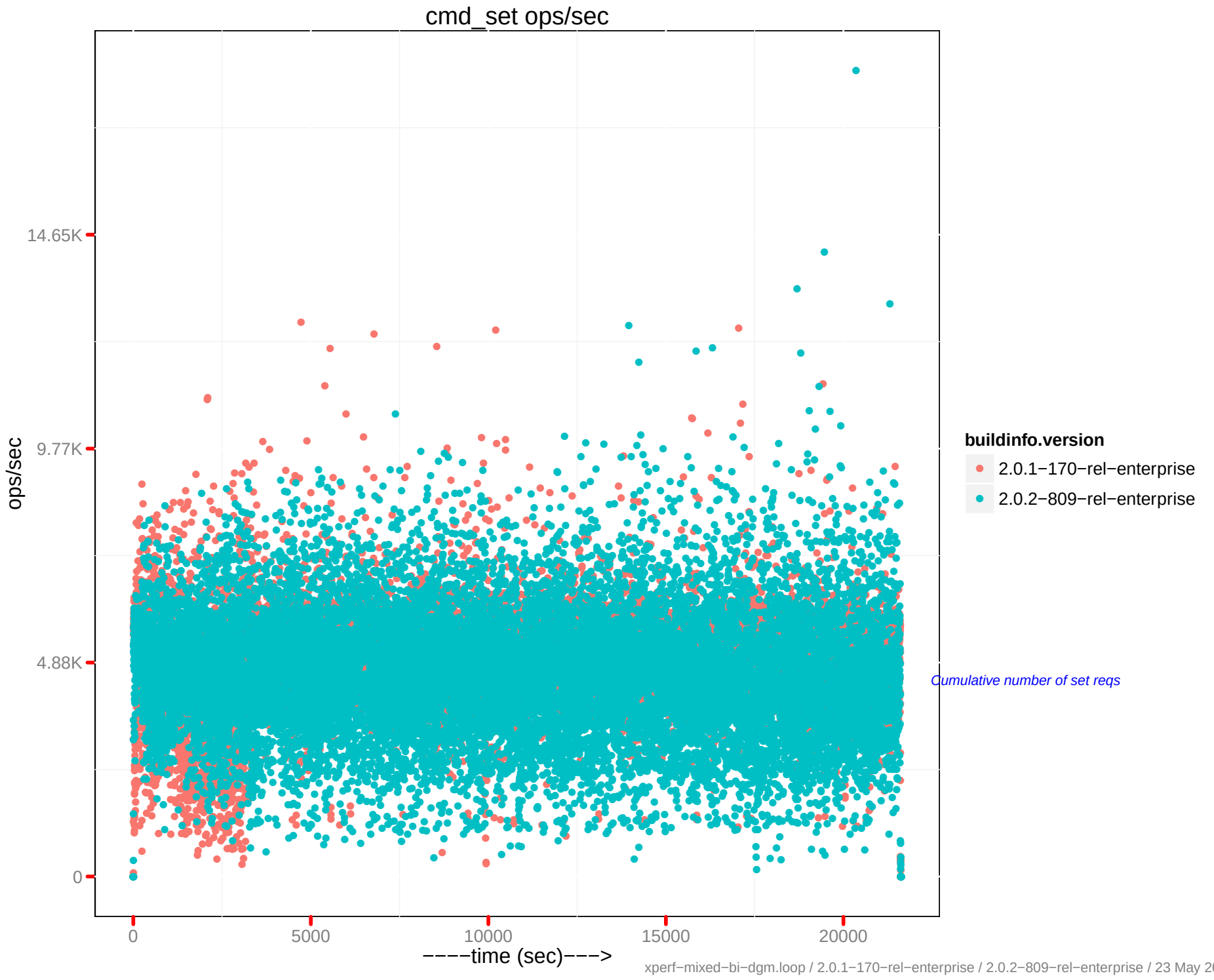

Views actual disk size
Bytes
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
The size of all active items
in all the indexes on disk (2.0 only)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

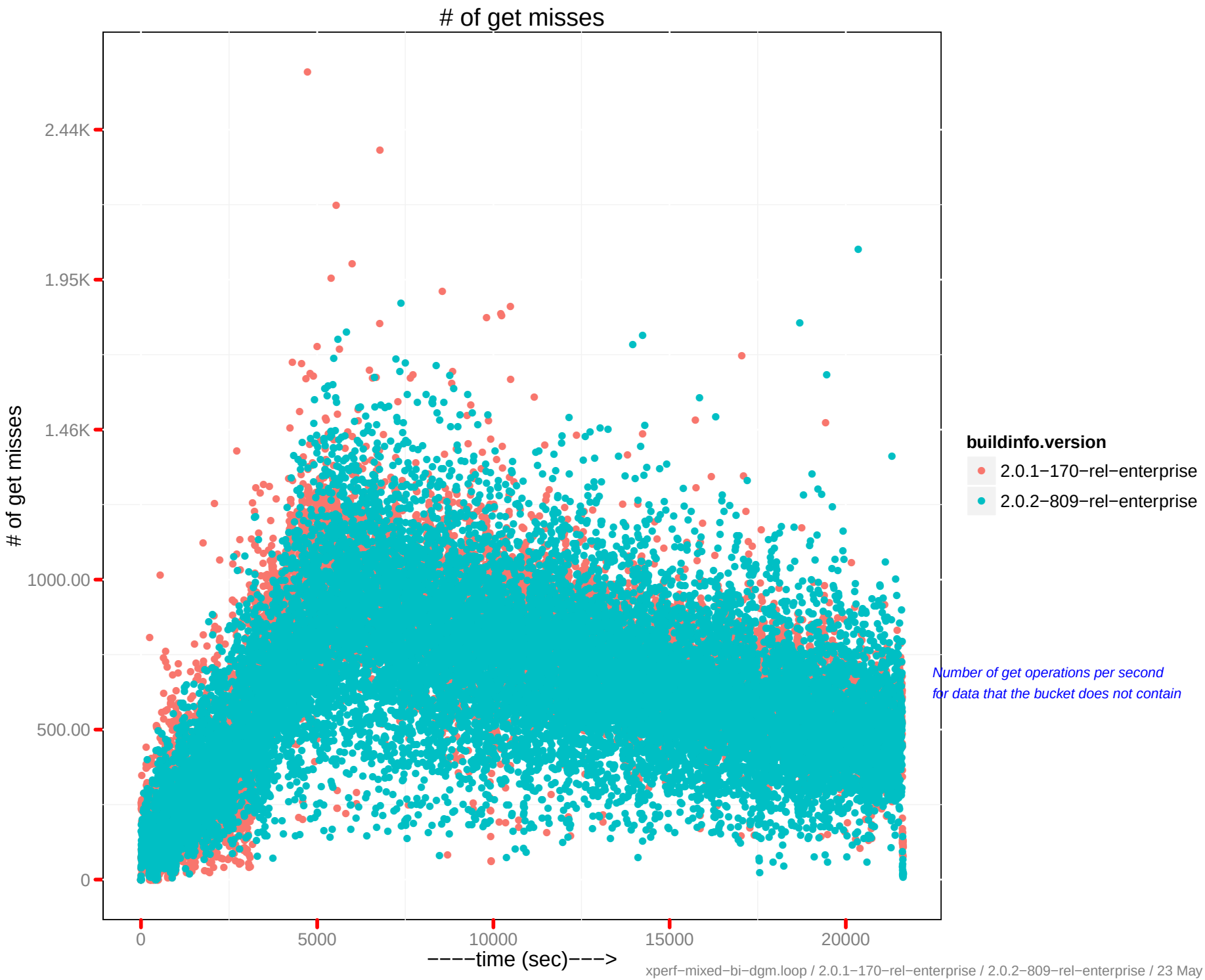

Total disk size
Bytes
111.76G
83.82G
55.88G
27.94G
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
The total size on disk of all data and view files. (2.0 only)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013


Docs fragmentation
30.00
25.00
20.00
15.00
%
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-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)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

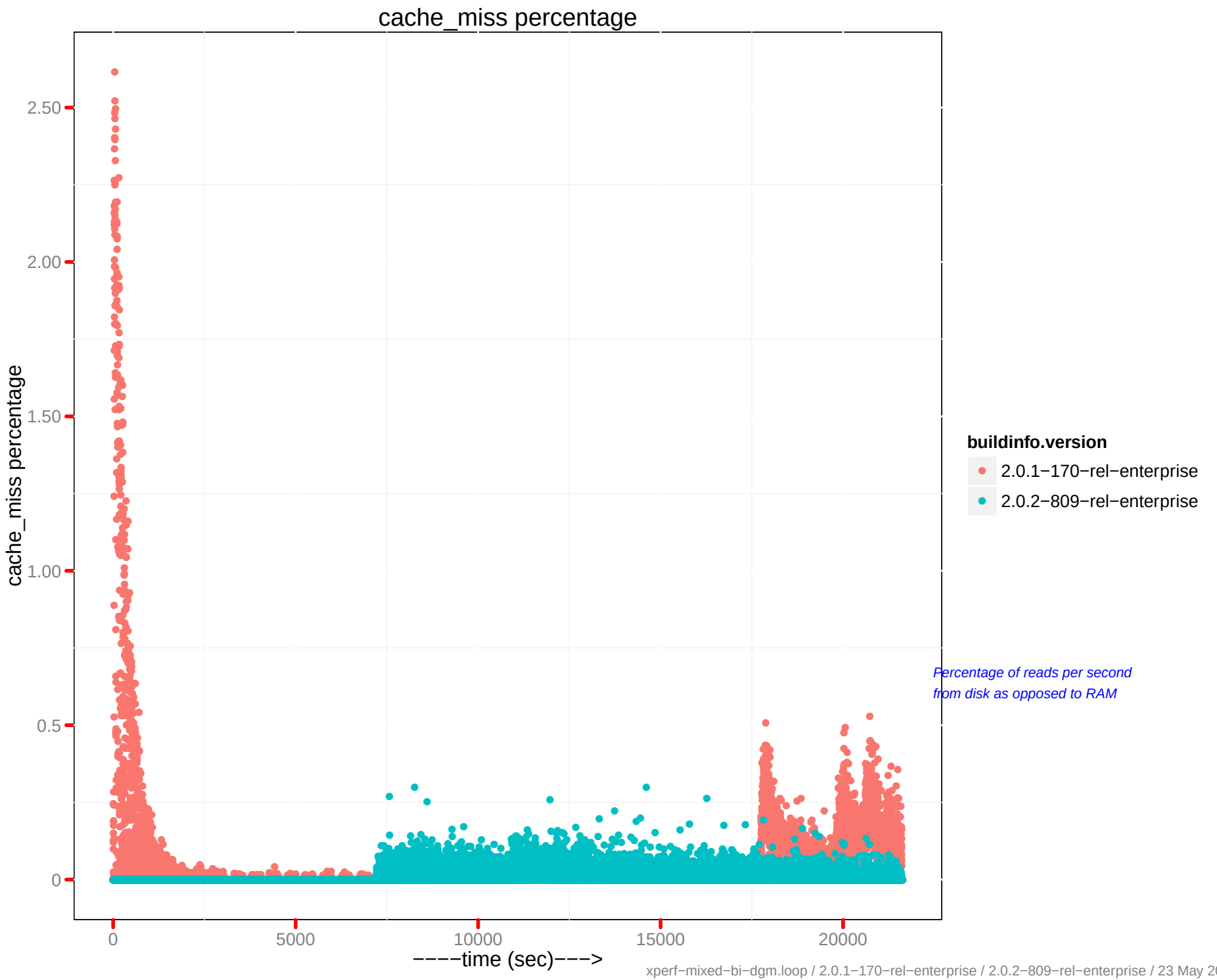

Views fragmentation
% 0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
How much fragmented data there is to be compacted compared to real data for the view index files in this bucket (2.0 only)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

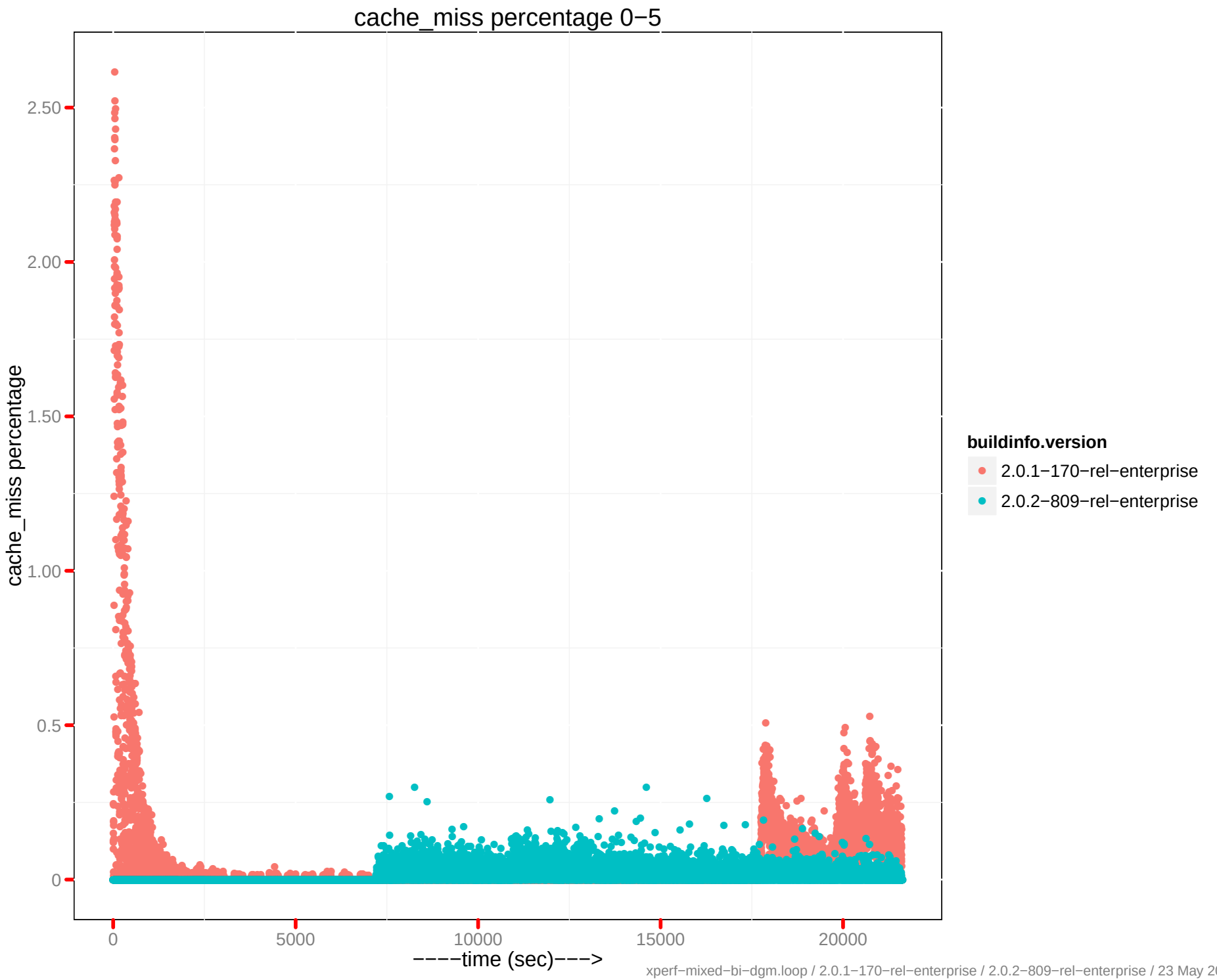

cmd_get ops/sec
ops/sec
19.53K
14.65K
9.77K
4.88K
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Cumulative number of retrieval reqs
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

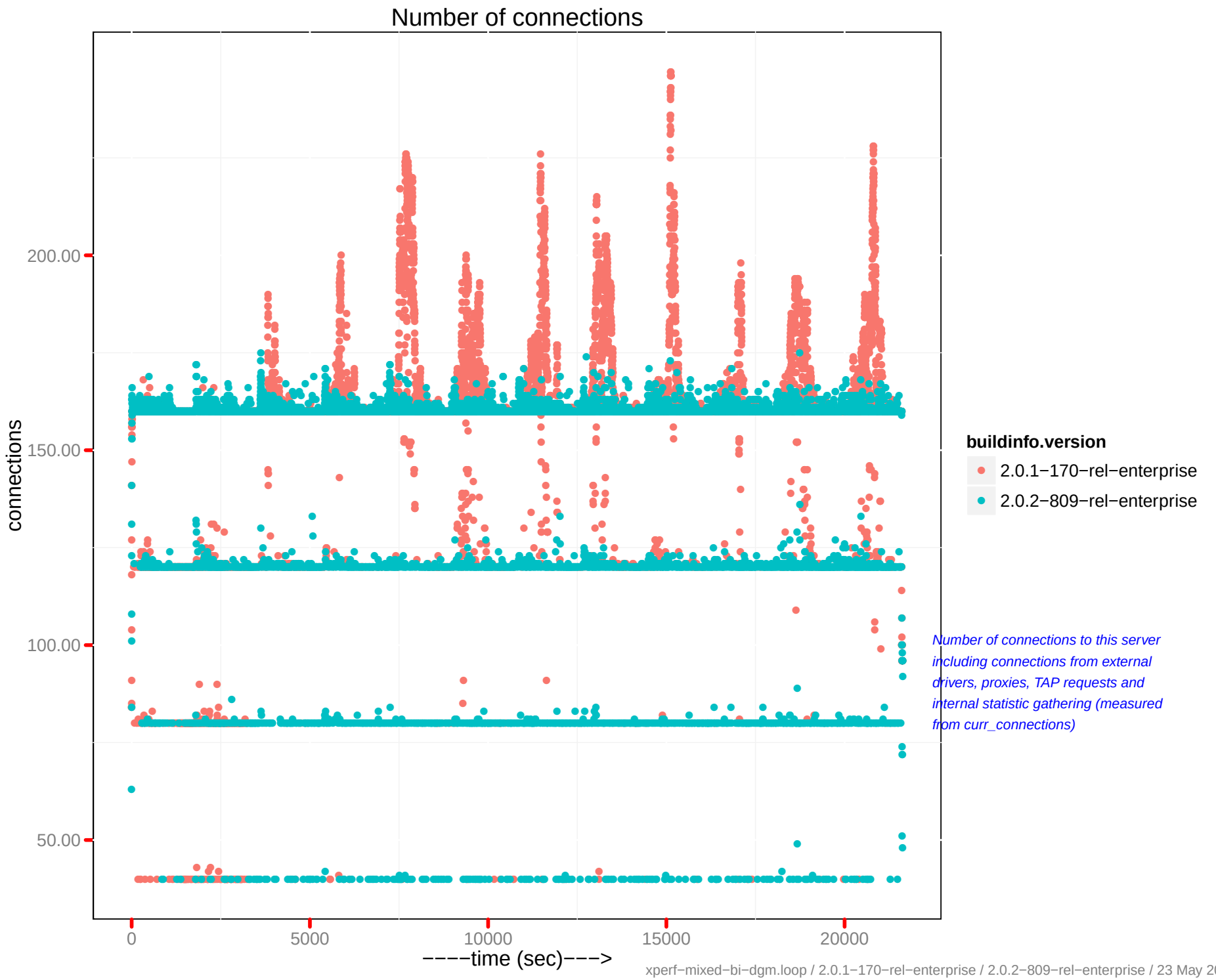

cmd_set ops/sec
14.65K
9.77K
4.88K
0
ops/sec
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Cumulative number of set reqs
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

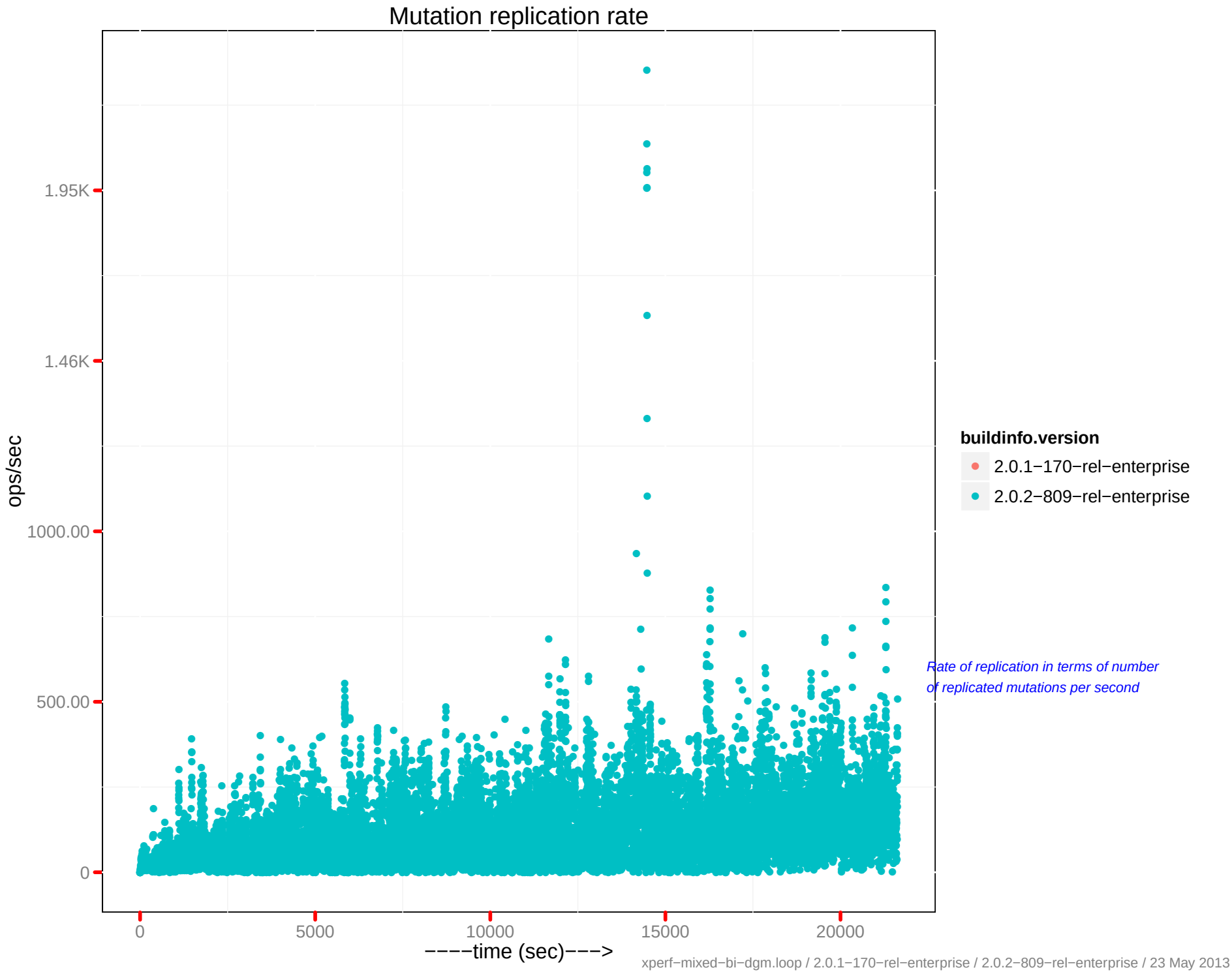

# of get misses
2.44K
1.95K
1.46K
1000.00
500.00
0
# of get misses
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of get operations per second
for data that the bucket does not contain
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

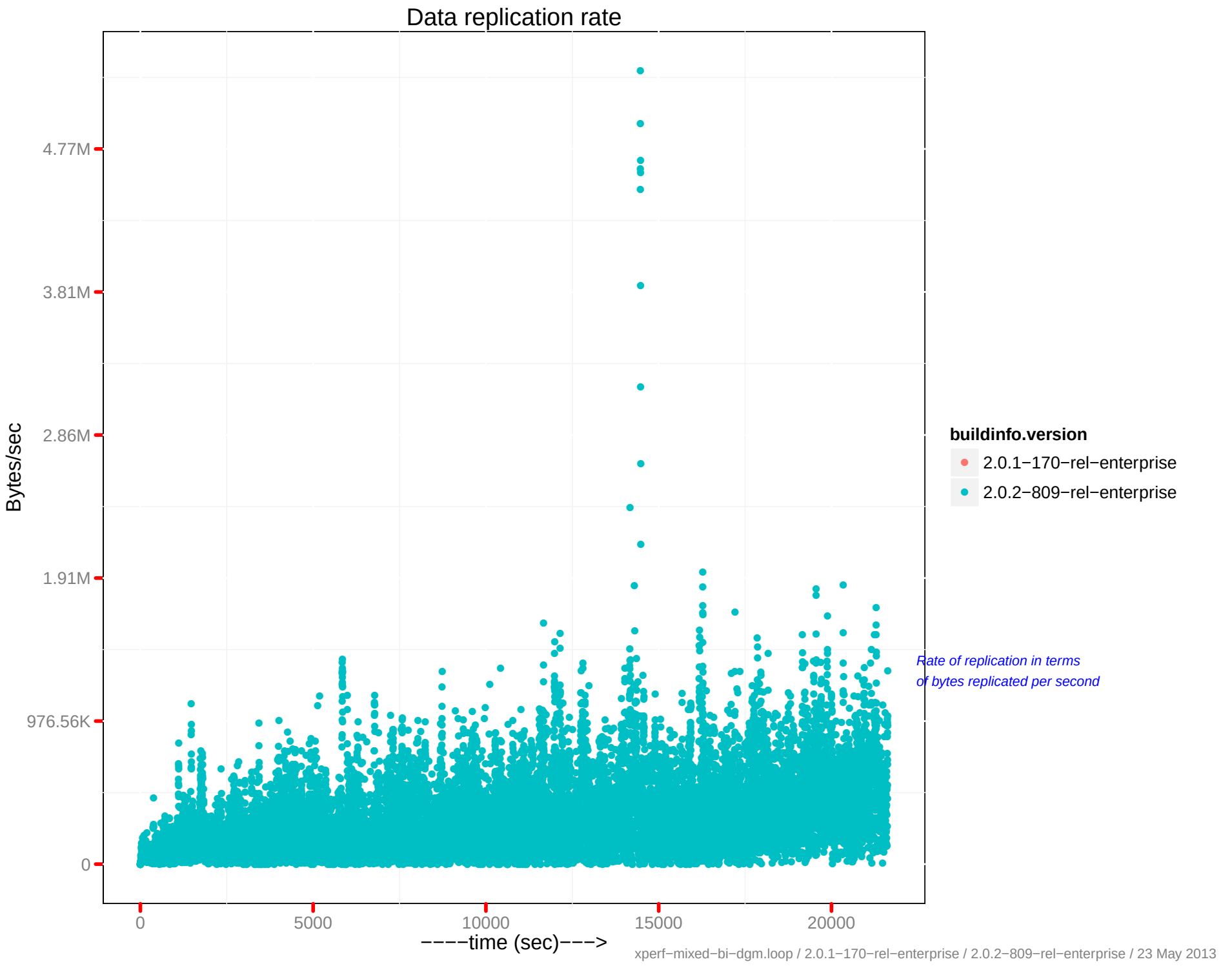

# of get hits
19.53K
14.65K
9.77K
4.88K
0
# of get hits
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of get operations per second
for data that the bucket contains
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

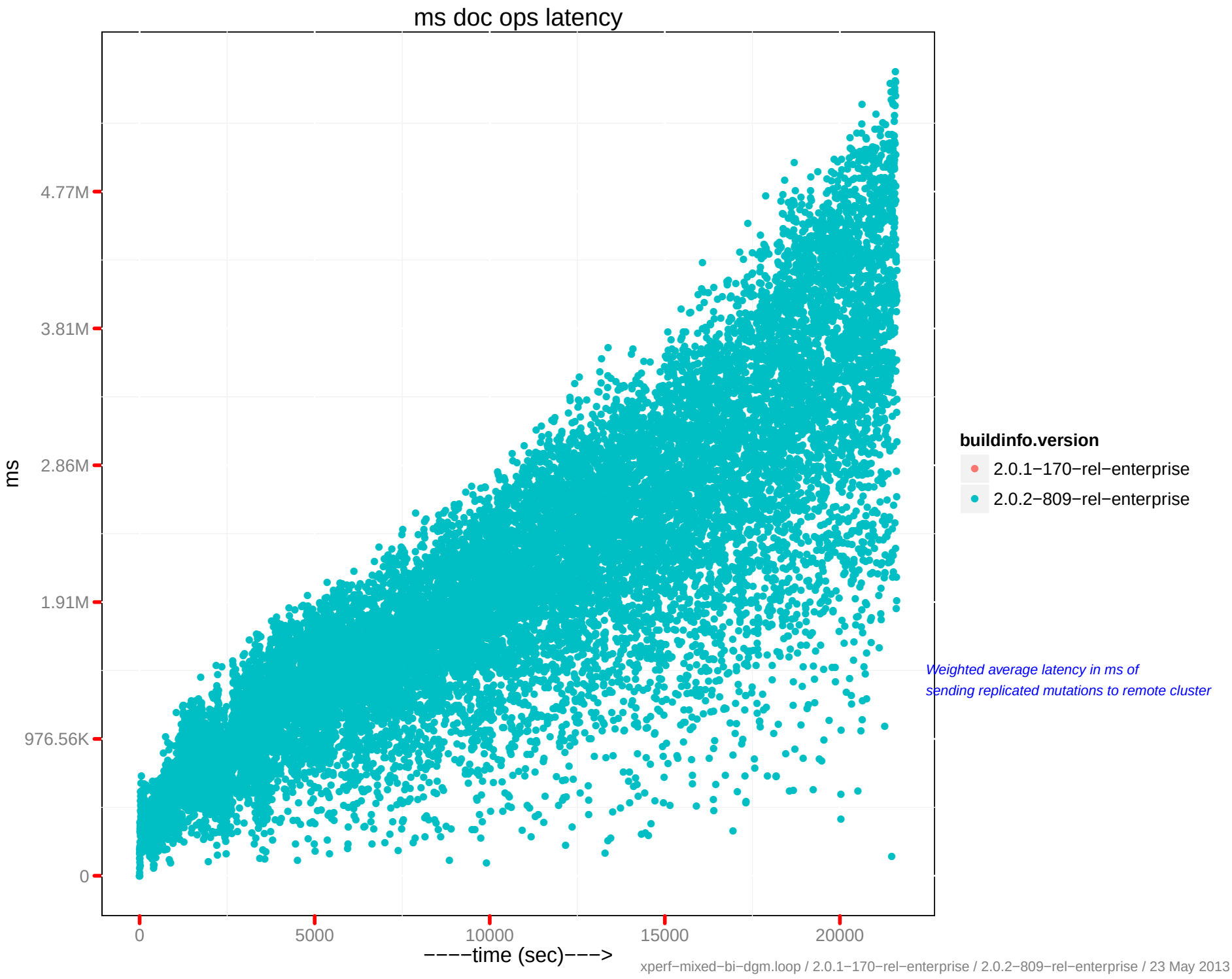

cache_miss percentage
cache_miss percentage
2.50
2.00
1.50
1.00
0.5
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Percentage of reads per second
from disk as opposed to RAM
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

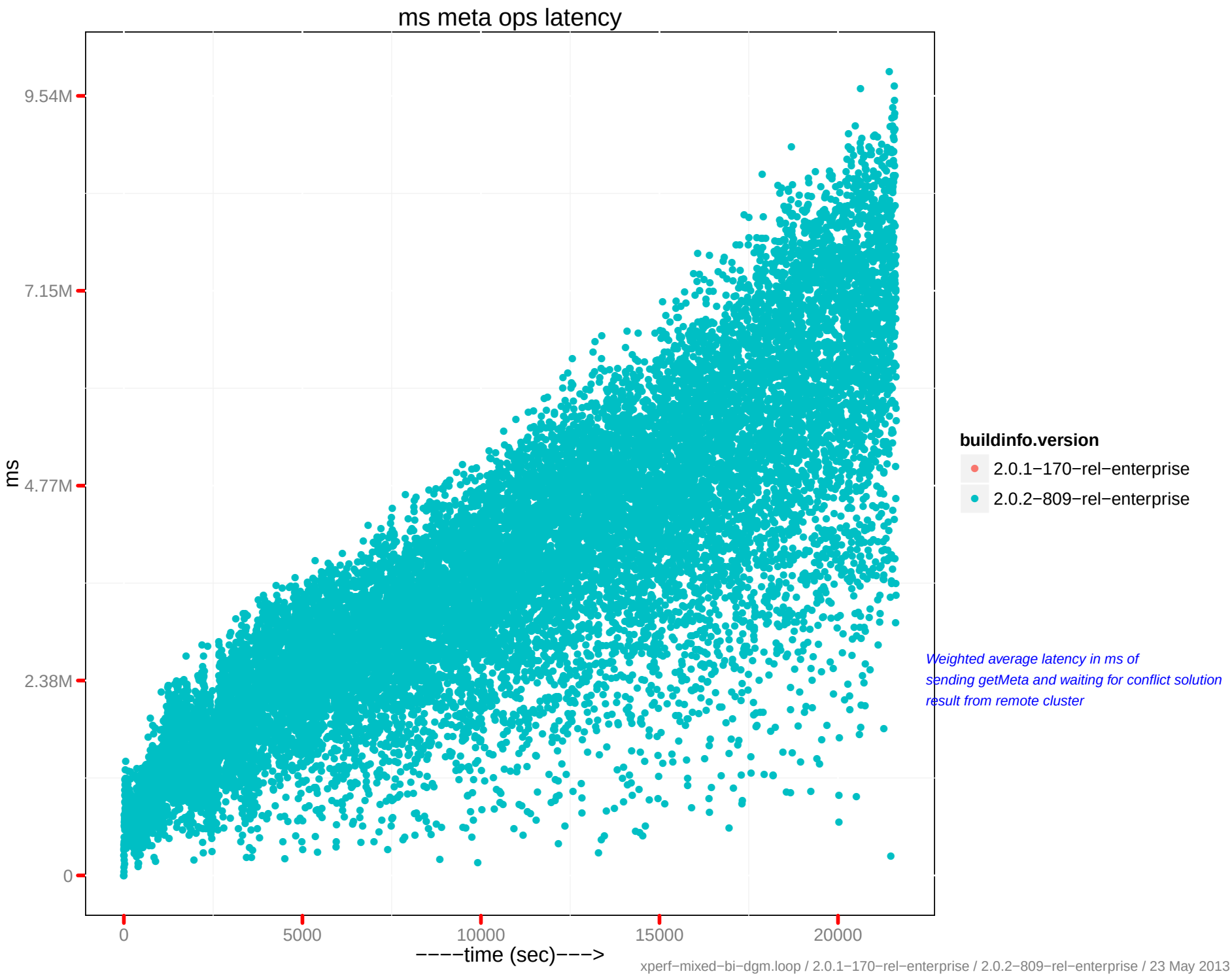

cache_miss percentage 0−5
cache_miss percentage
2.50
2.00
1.50
1.00
0.5
0
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

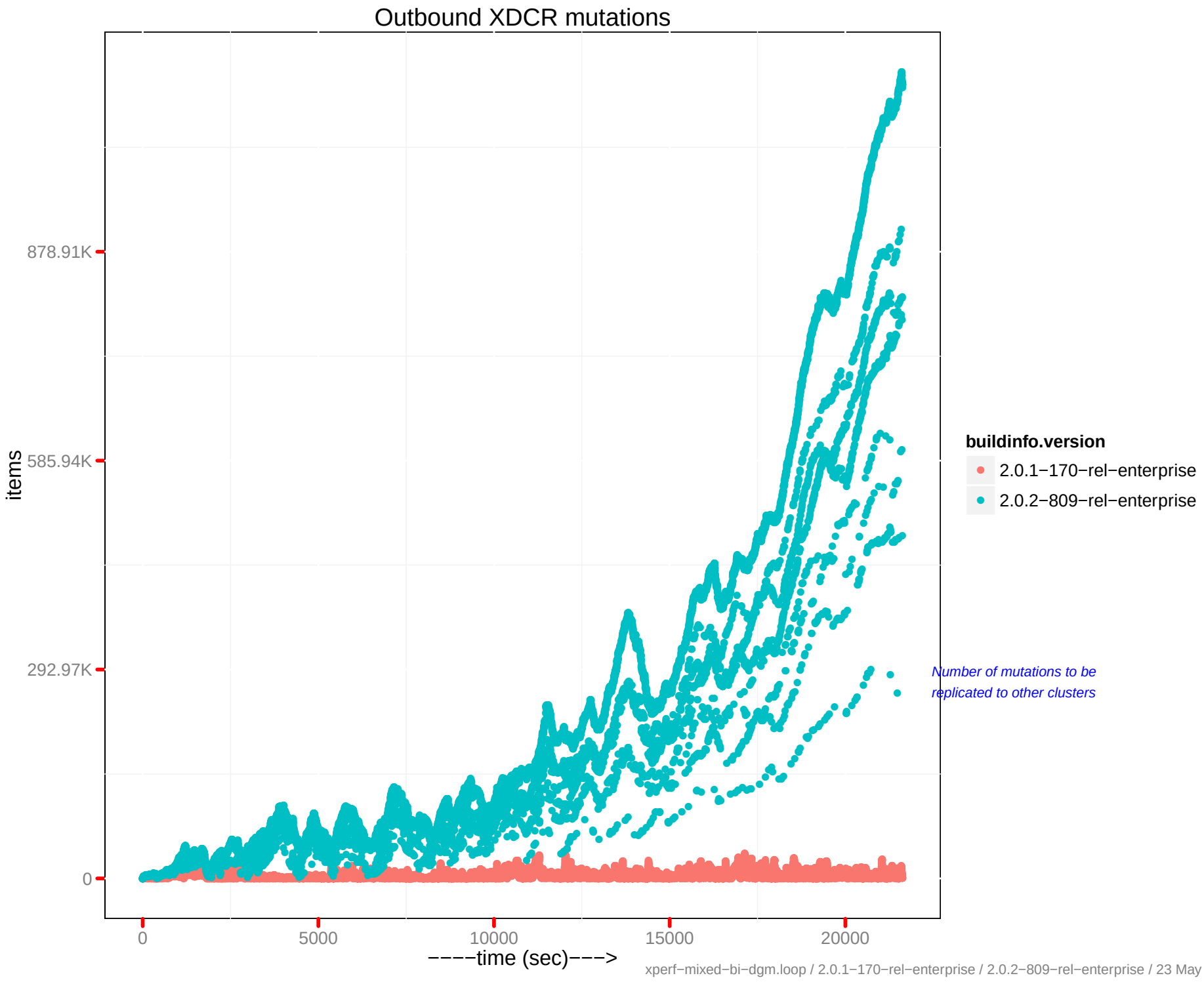

Number of connections
connections
200.00
150.00
100.00
50.00
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of connections to this server including connections from external drivers, proxies, TAP requests and internal statistic gathering (measured from curr_connections)
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

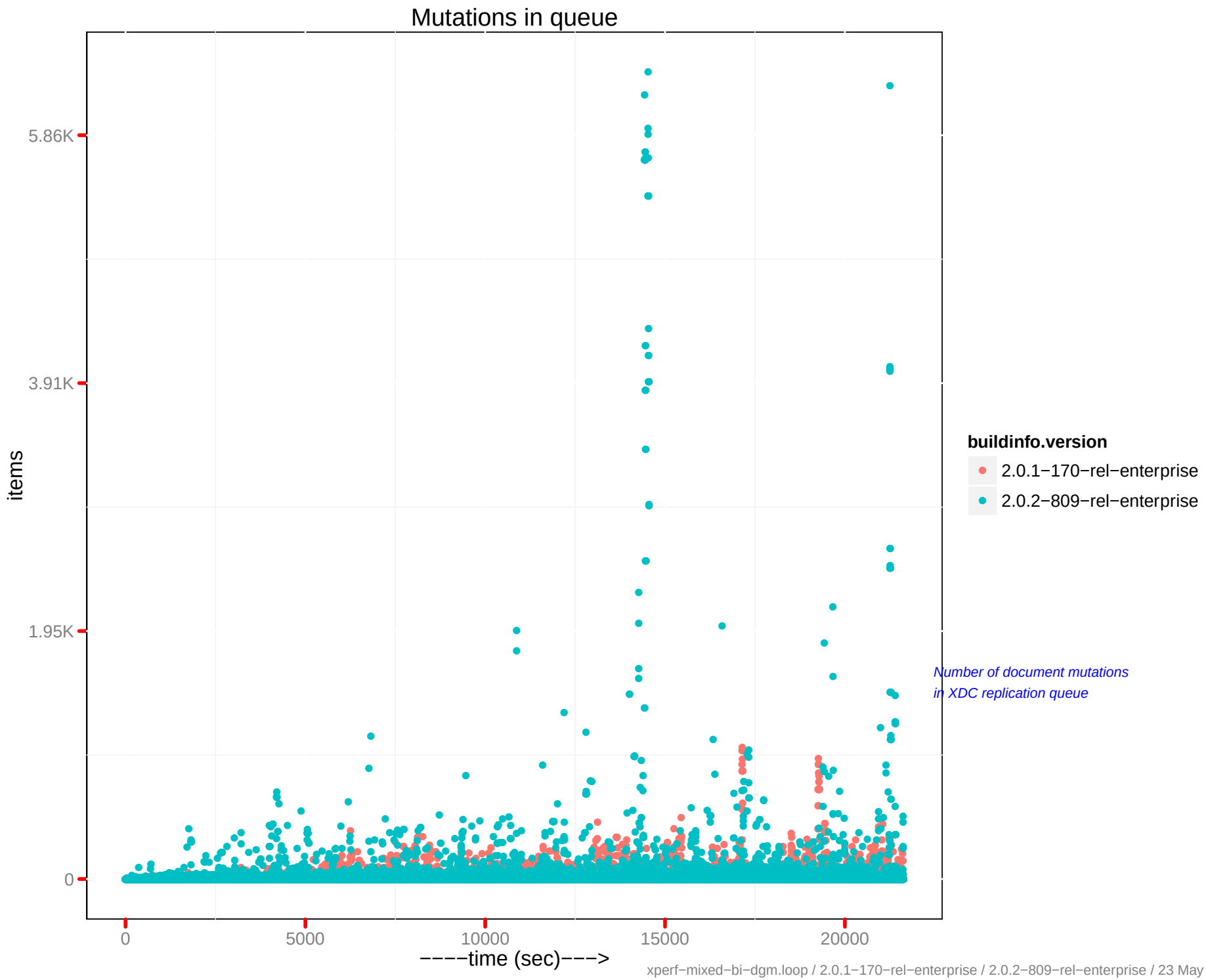

Mutation replication rate
1.95K
1.46K
1000.00
500.00
0
ops/sec
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Rate of replication in terms of number of replicated mutations per second
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

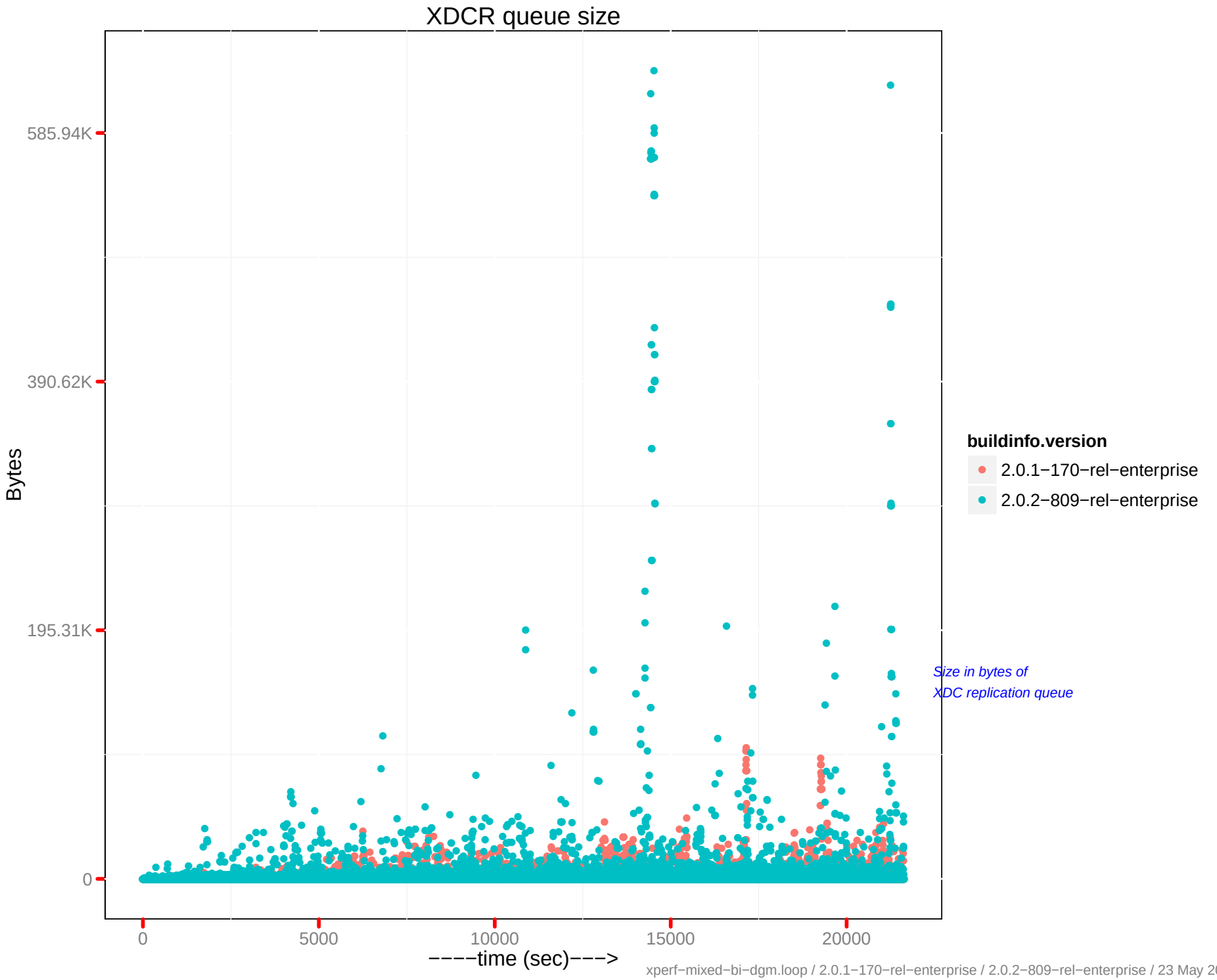

Data replication rate
Bytes/sec
4.77M
3.81M
2.86M
1.91M
976.56K
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Rate of replication in terms
of bytes replicated per second
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

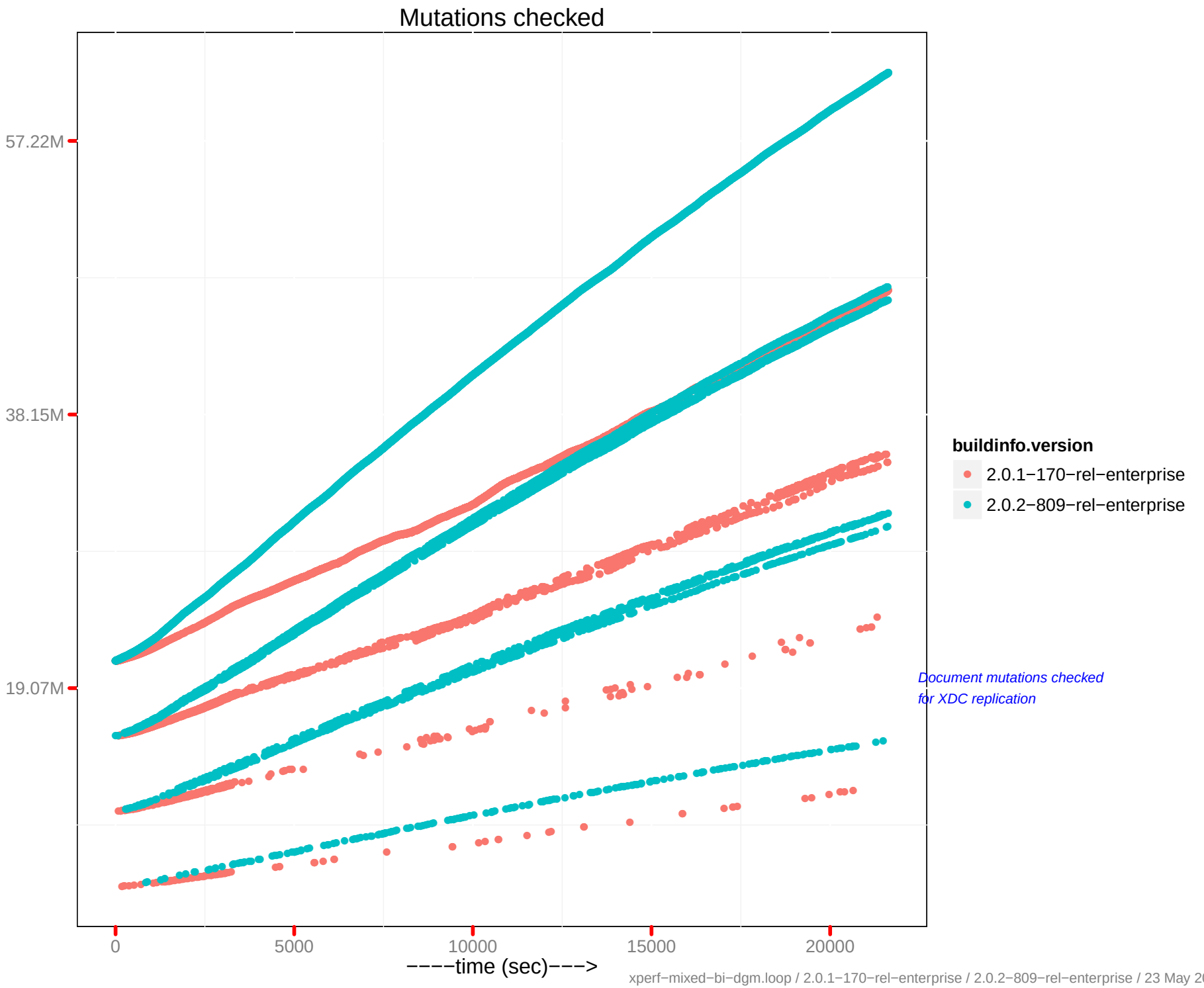

ms doc ops latency
ms
4.77M
3.81M
2.86M
1.91M
976.56K
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Weighted average latency in ms of
sending replicated mutations to remote cluster
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

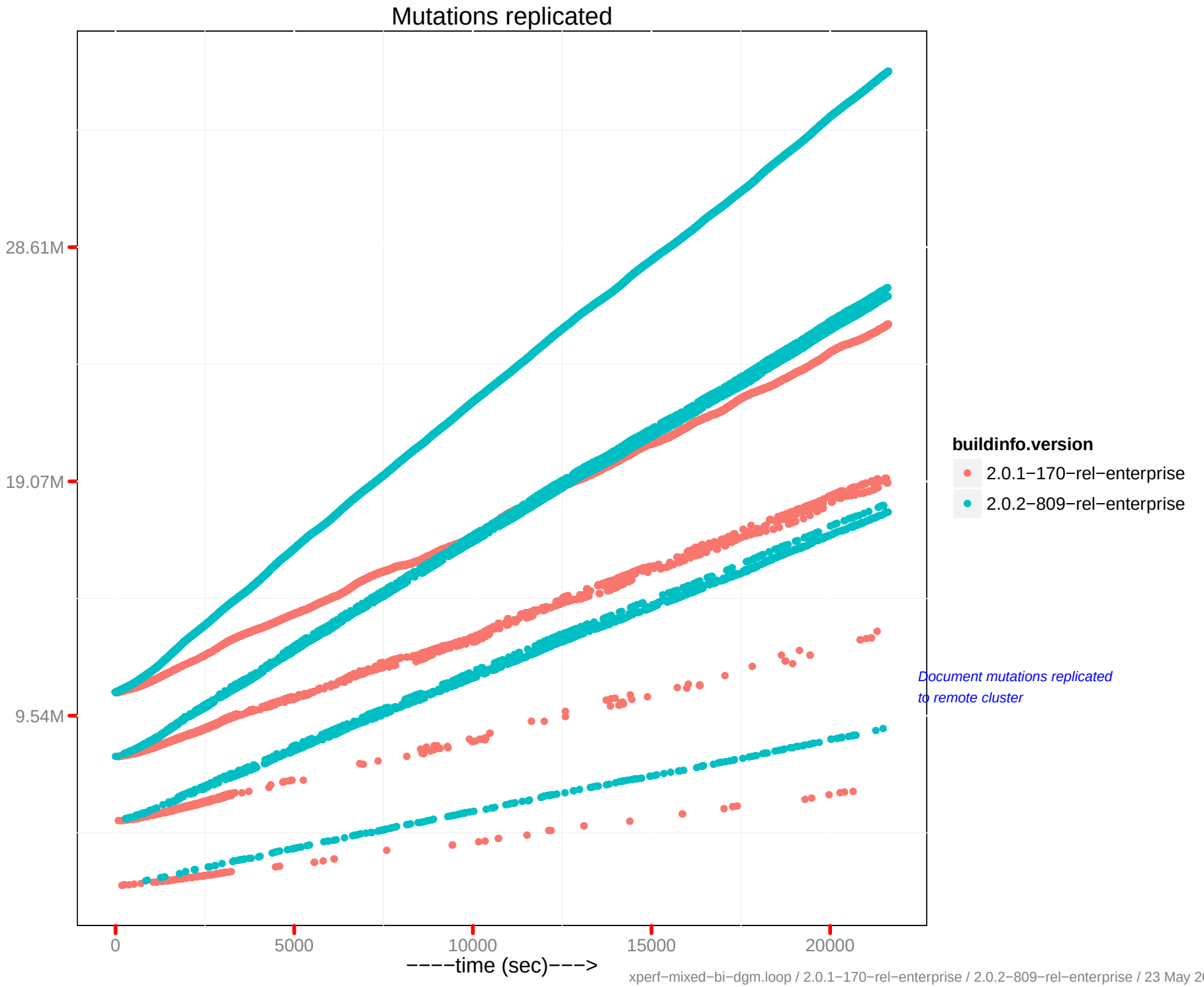

ms meta ops latency
9.54M
7.15M
4.77M
2.38M
0
ms
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Weighted average latency in ms of sending getMeta and waiting for conflict solution result from remote cluster
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

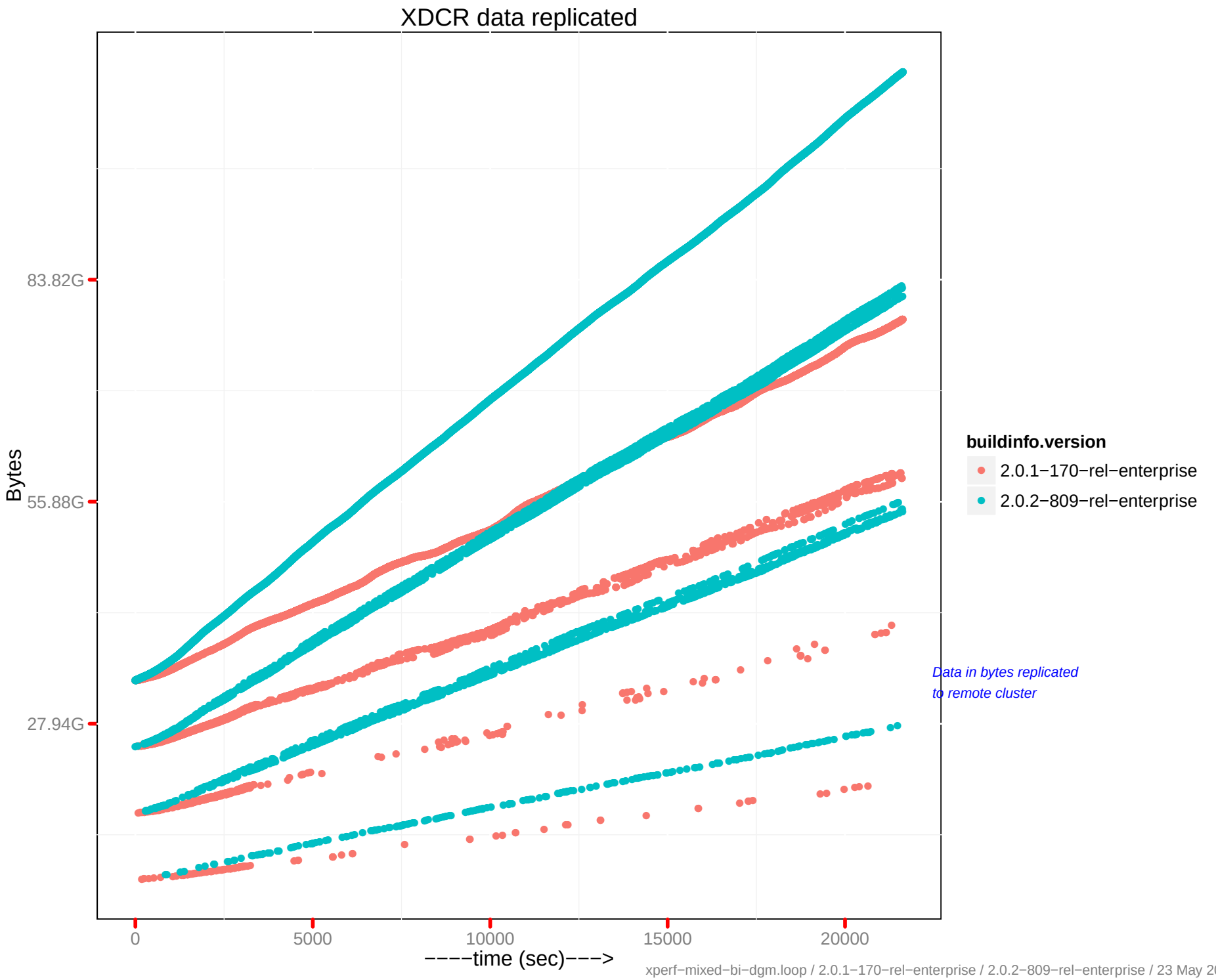

Outbound XDCR mutations
878.91K
585.94K
292.97K
0
items
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
Number of mutations to be replicated to other clusters
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

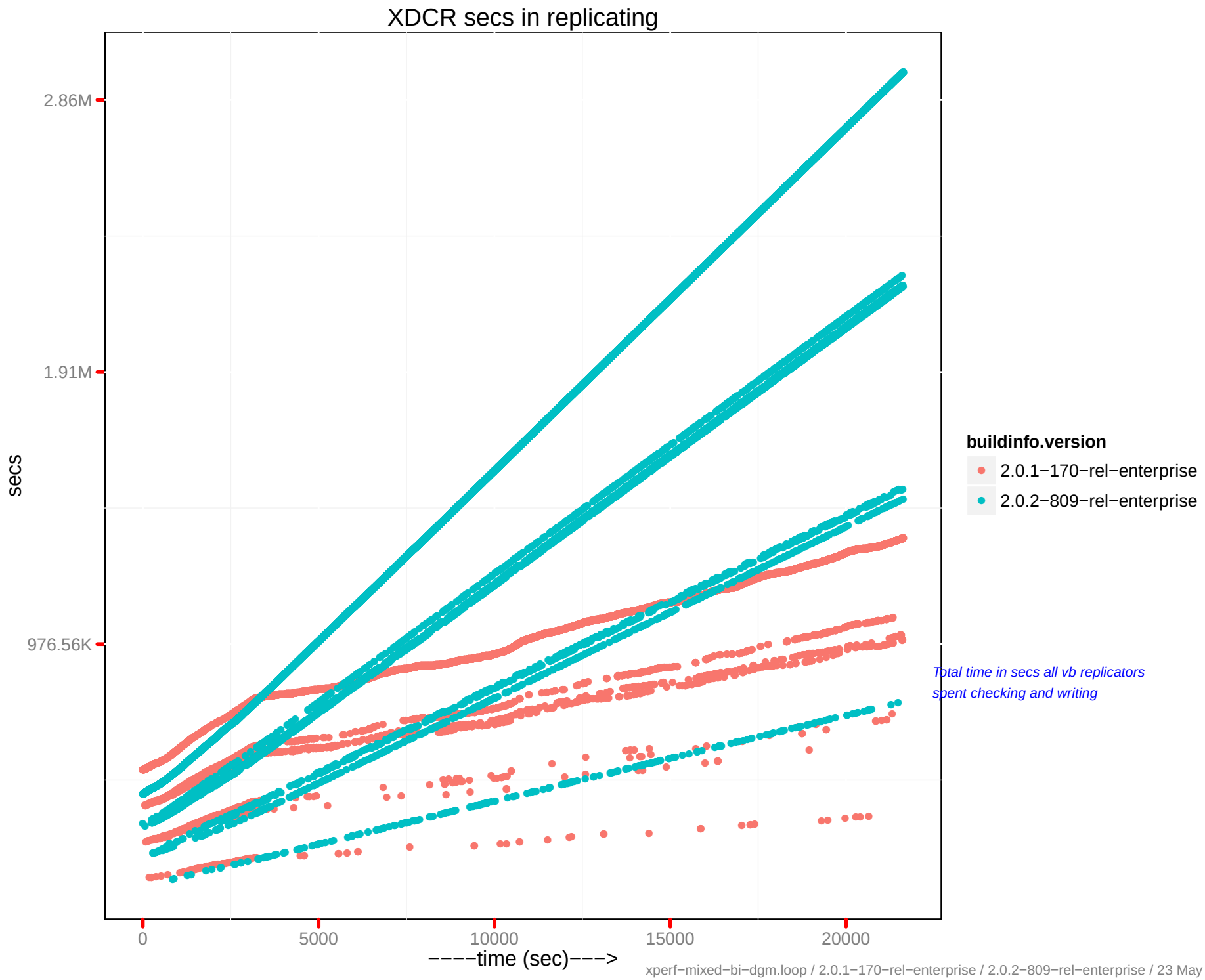

Mutations in queue
5.86K
3.91K
1.95K
0
items
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of document mutations
in XDC replication queue
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

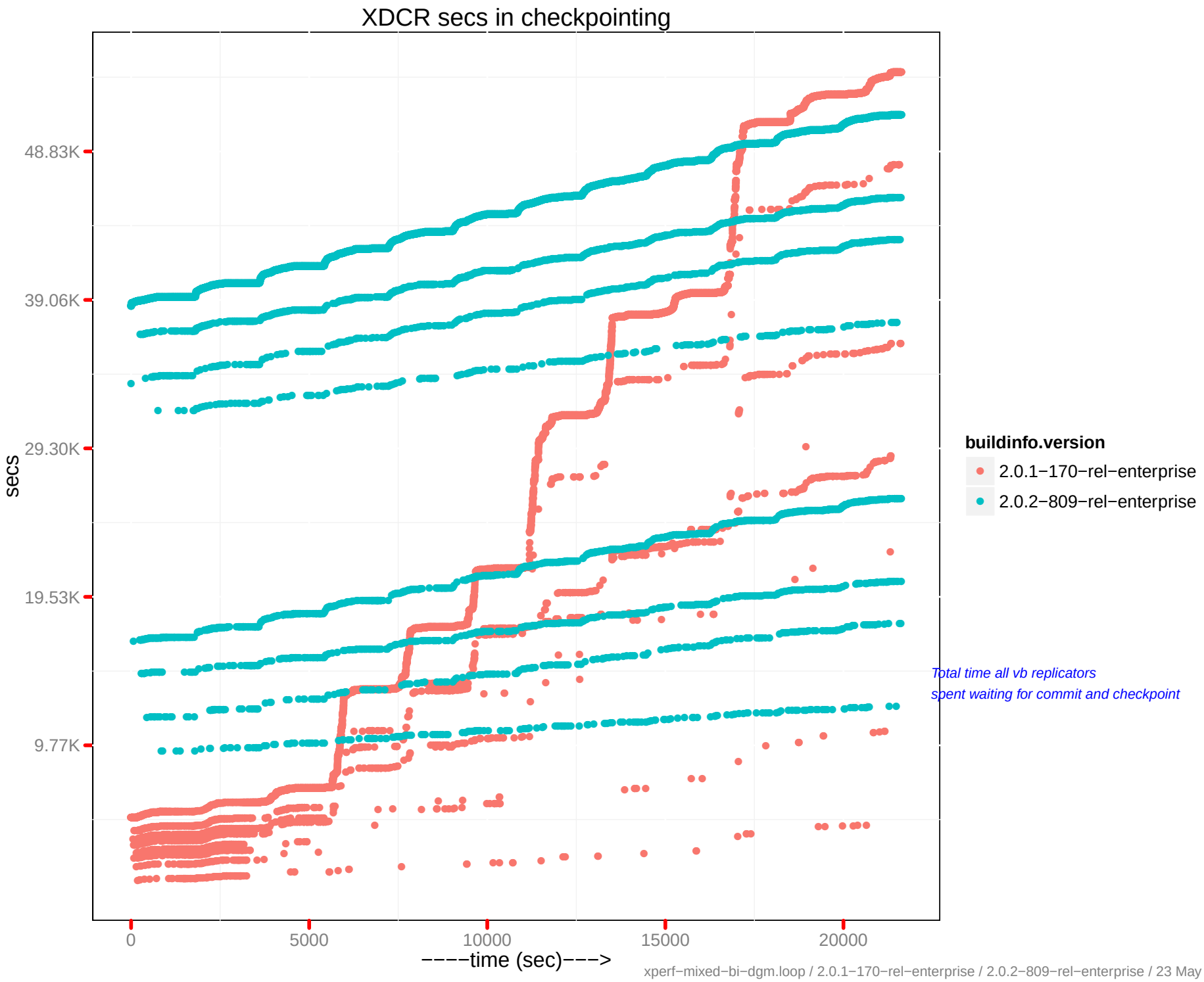

XDCR queue size
585.94K
390.62K
195.31K
0
Bytes
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Size in bytes of
XDC replication queue
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

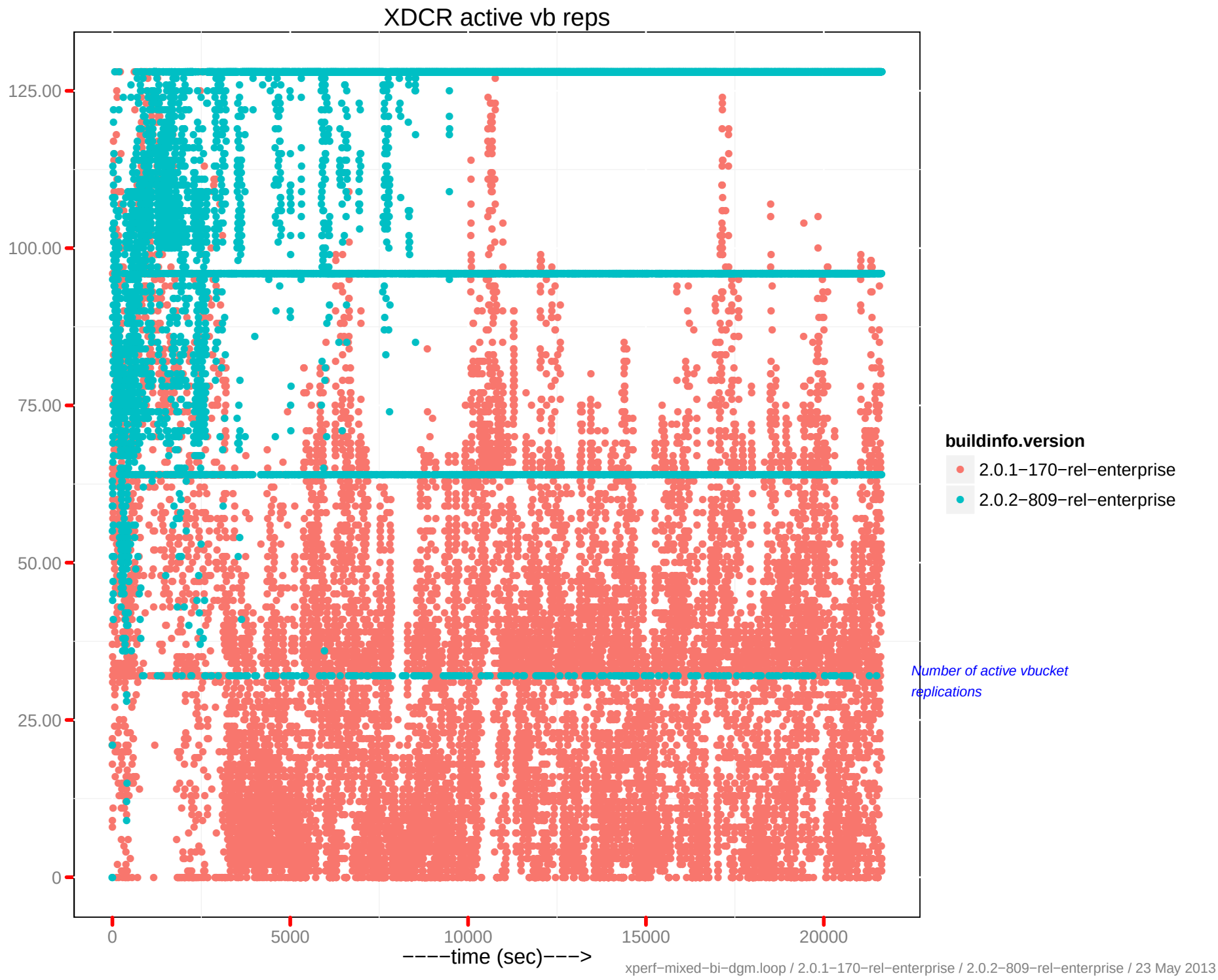

Mutations checked
57.22M
38.15M
19.07M
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Document mutations checked
for XDC replication
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

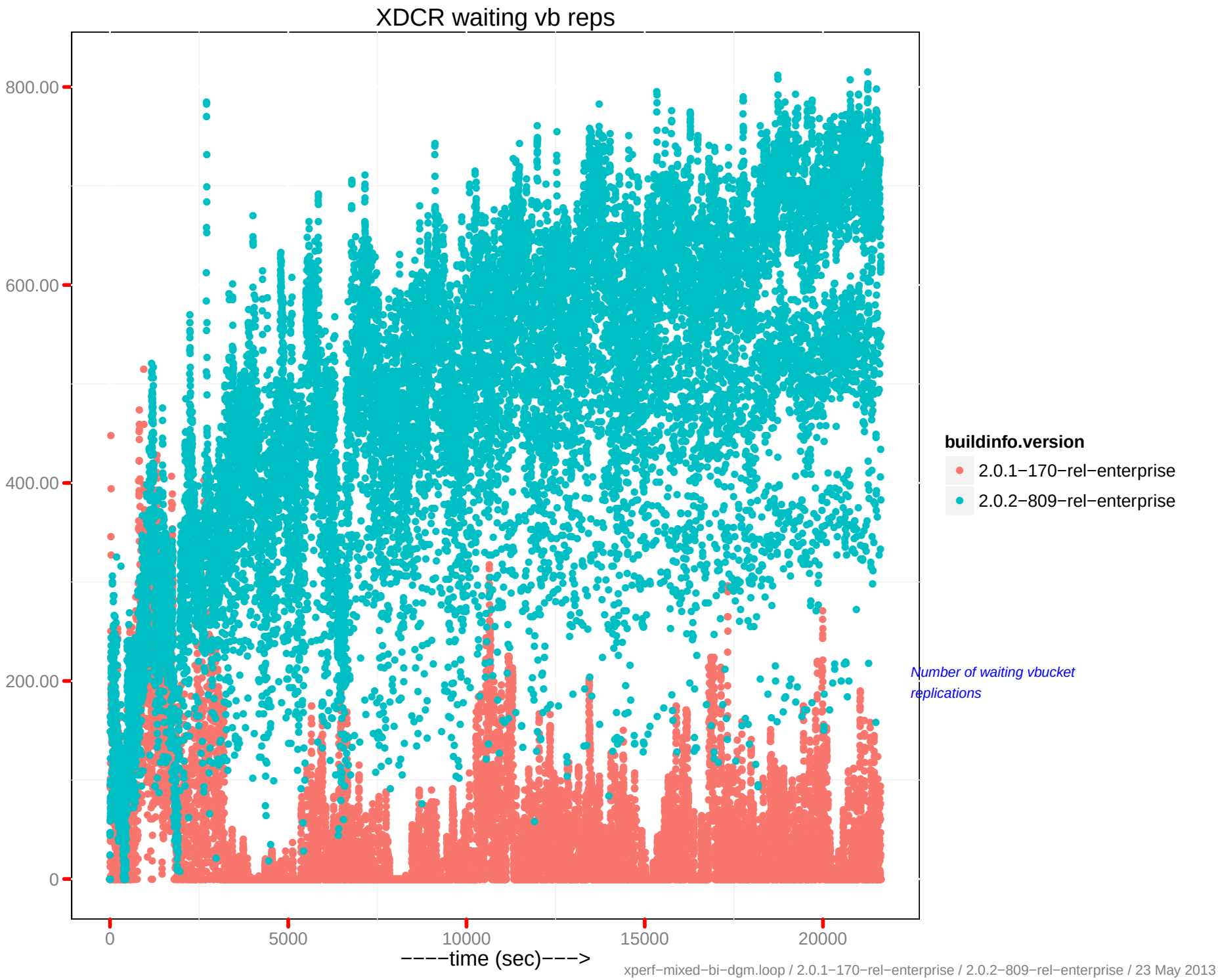

Mutations replicated
28.61M
19.07M
9.54M
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Document mutations replicated
to remote cluster
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

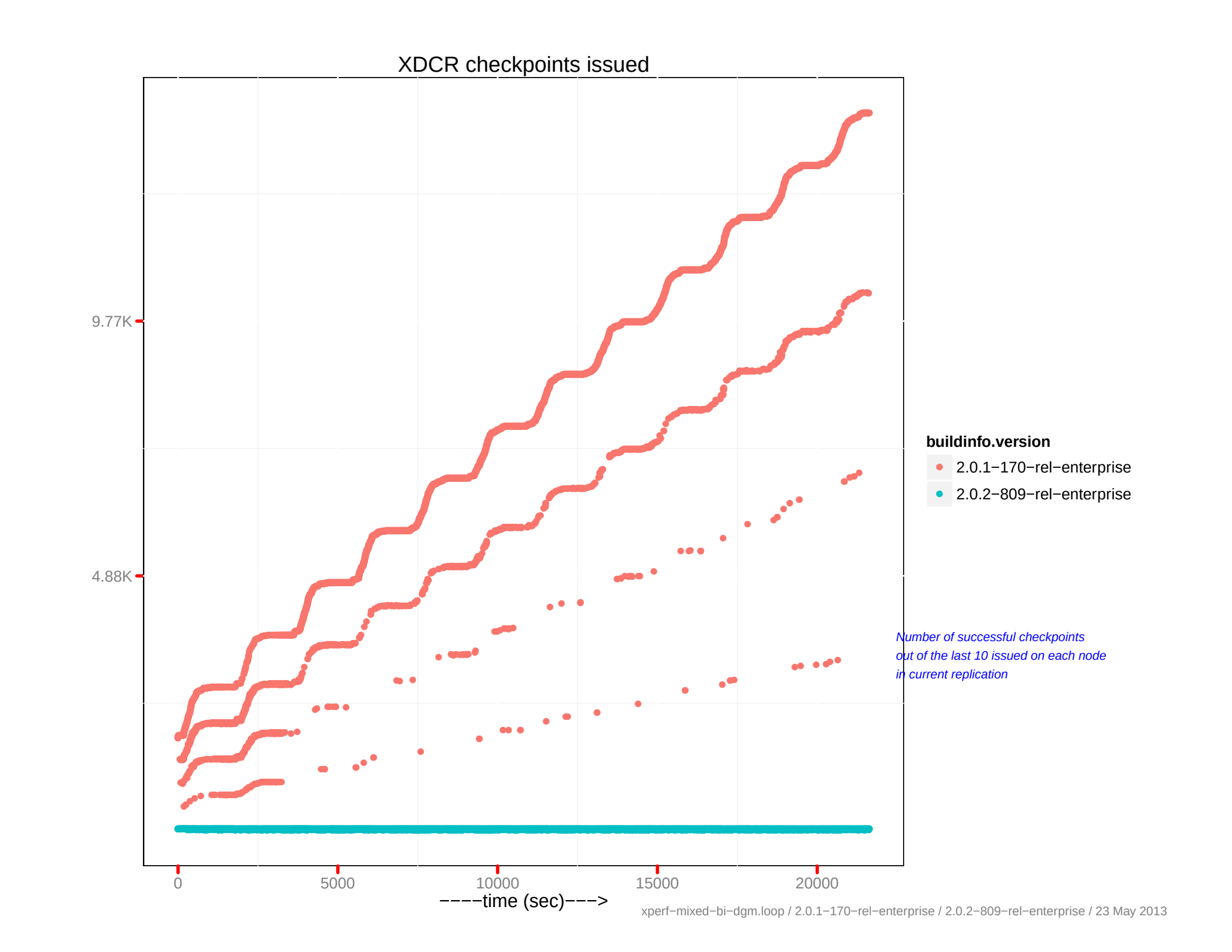

XDCR data replicated
Bytes
83.82G
55.88G
27.94G
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Data in bytes replicated
to remote cluster
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

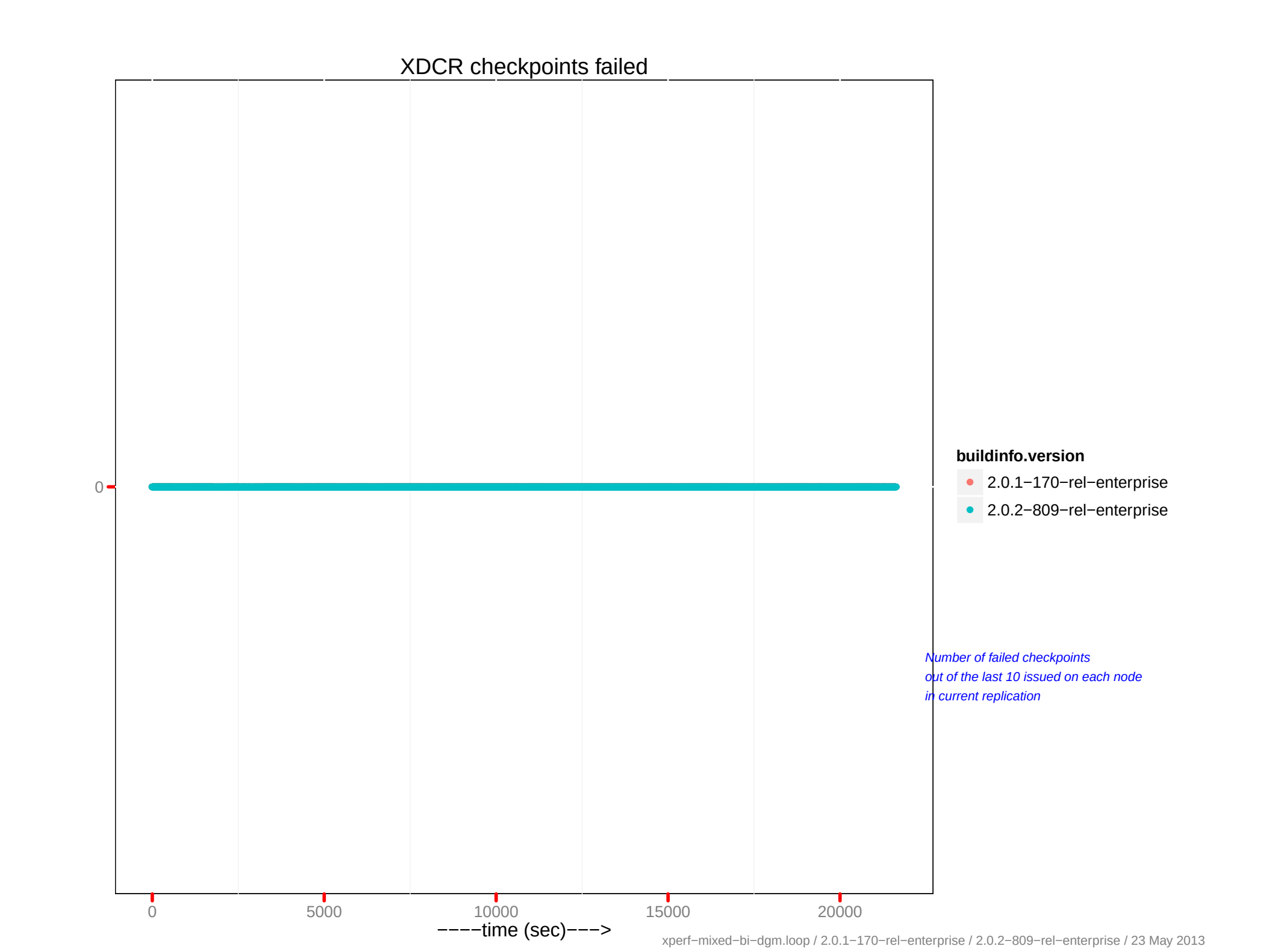

XDCR secs in replicating
2.86M
1.91M
976.56K
secs
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Total time in secs all vb replicators
spent checking and writing
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013


XDCR secs in checkpointing
48.83K
39.06K
29.30K
19.53K
9.77K
secs
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
Total time all vb replicators
spent waiting for commit and checkpoint
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

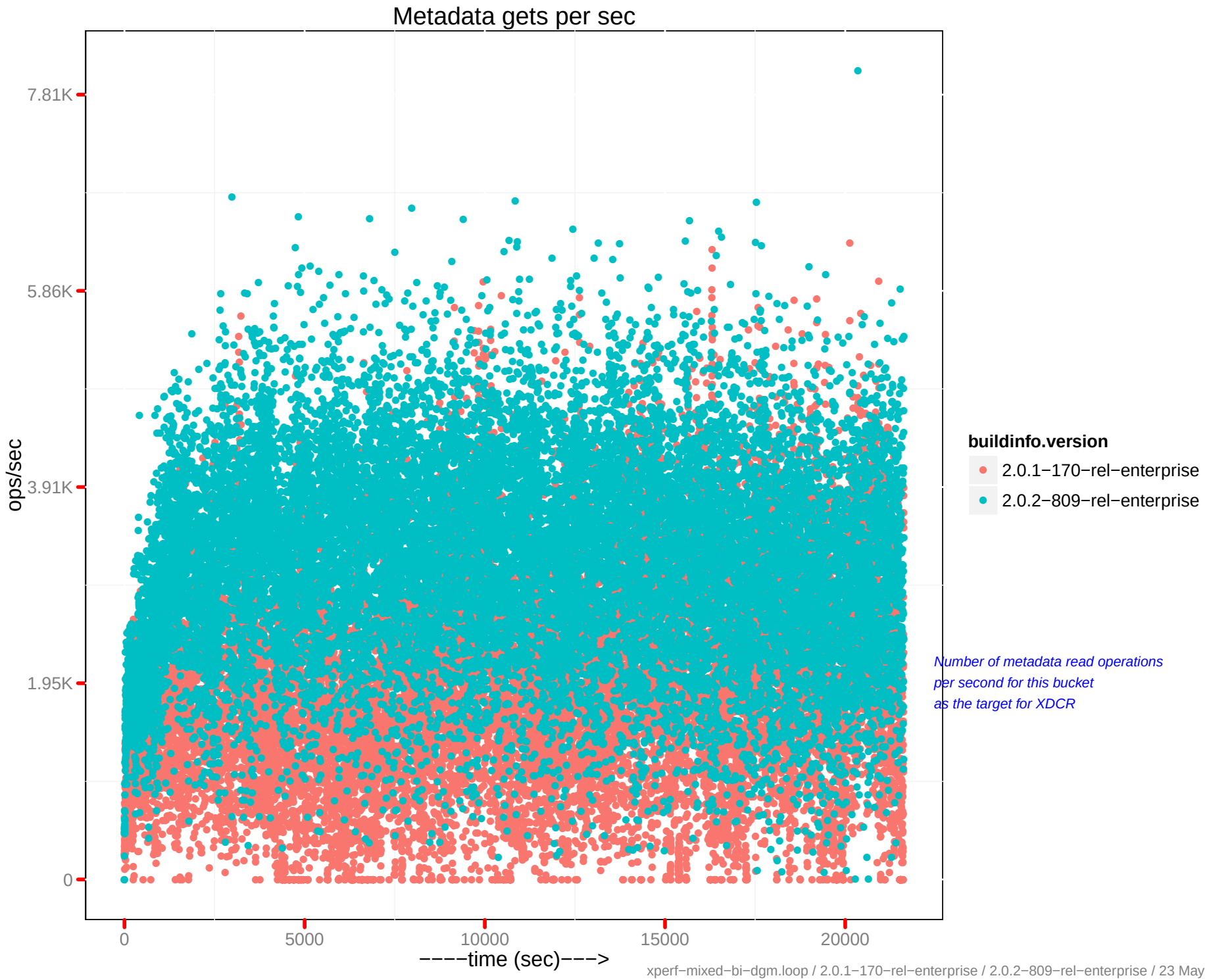

XDCR active vb reps
125.00
100.00
75.00
50.00
25.00
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of active vbucket replications
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013


XDCR waiting vb reps
800.00
600.00
400.00
200.00
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of waiting vbucket replications
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

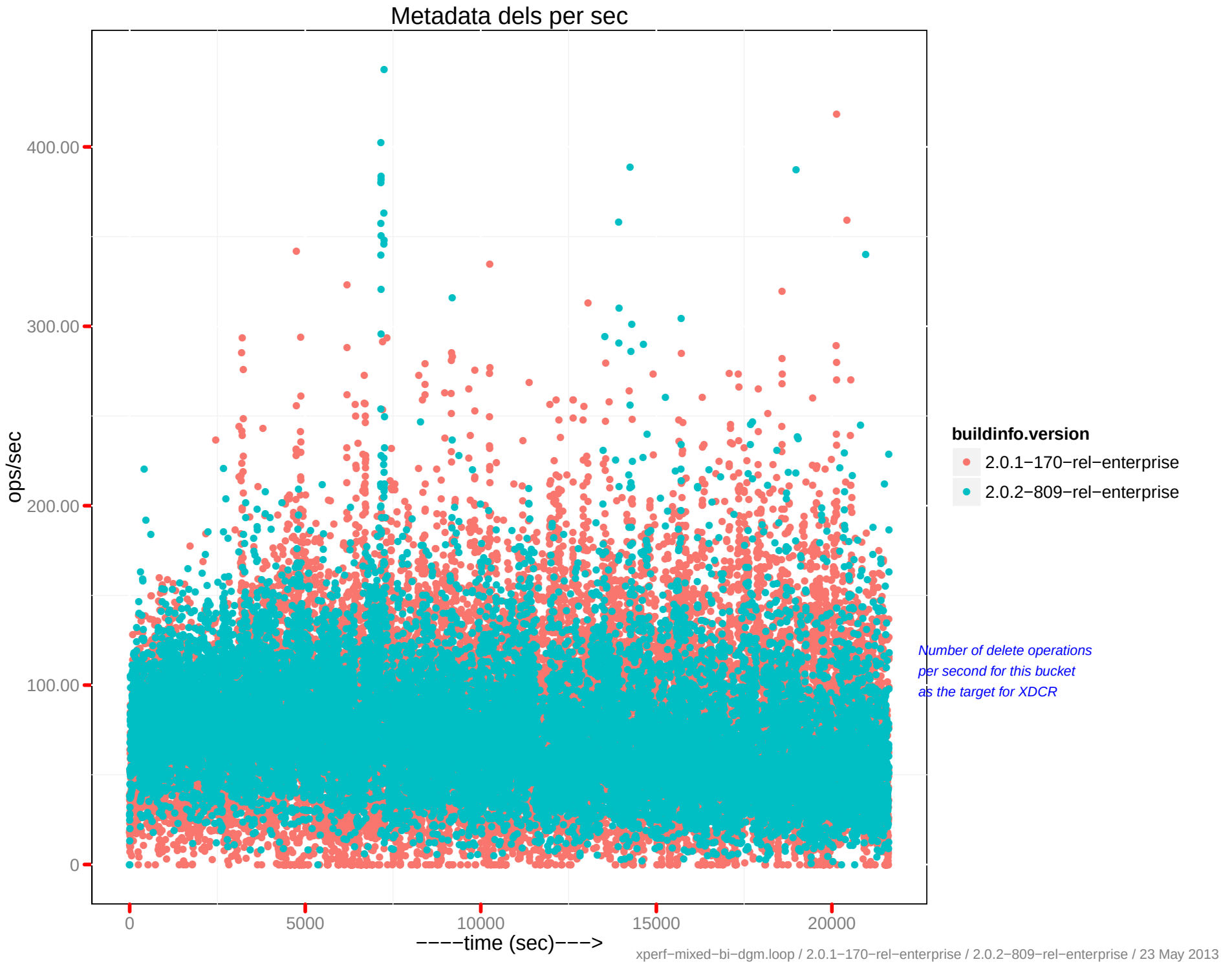

XDCR checkpoints issued
9.77K
4.88K
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of successful checkpoints
out of the last 10 issued on each node
in current replication
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

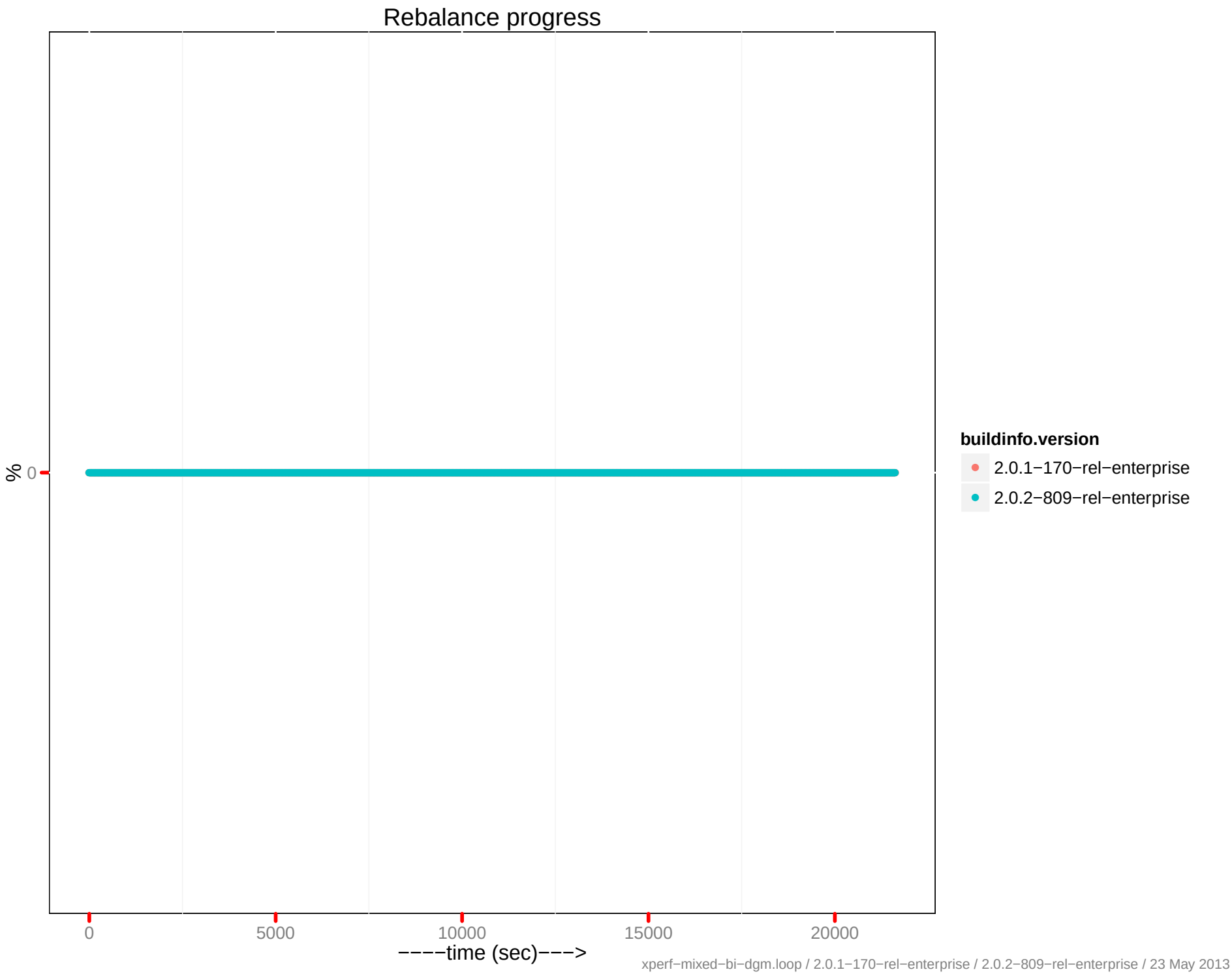

XDCR checkpoints failed
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of failed checkpoints
out of the last 10 issued on each node
in current replication
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

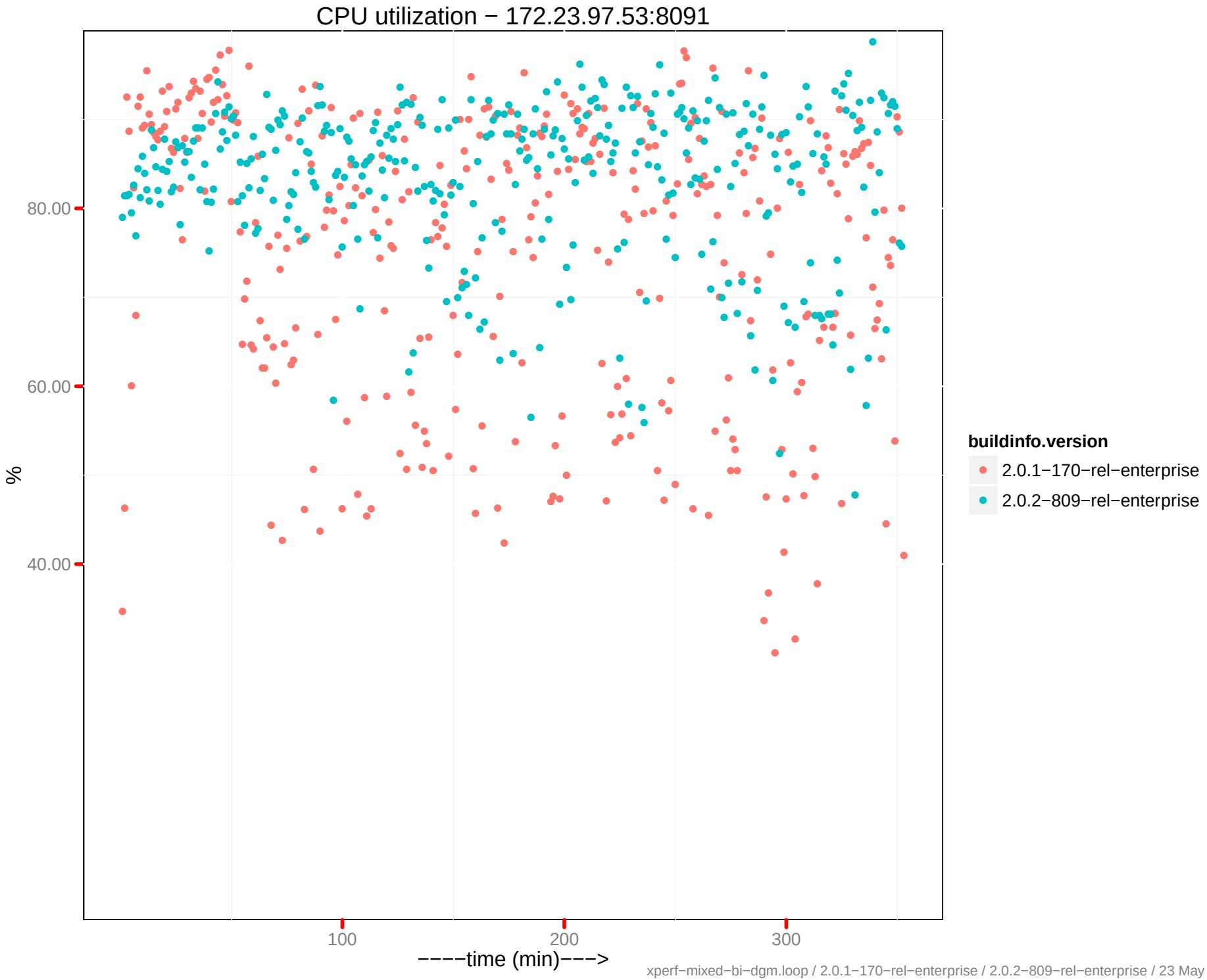

XDC ops per sec
9.77K
7.32K
4.88K
2.44K
0
ops/sec
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Incoming XDCR operations
per second for this bucket
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

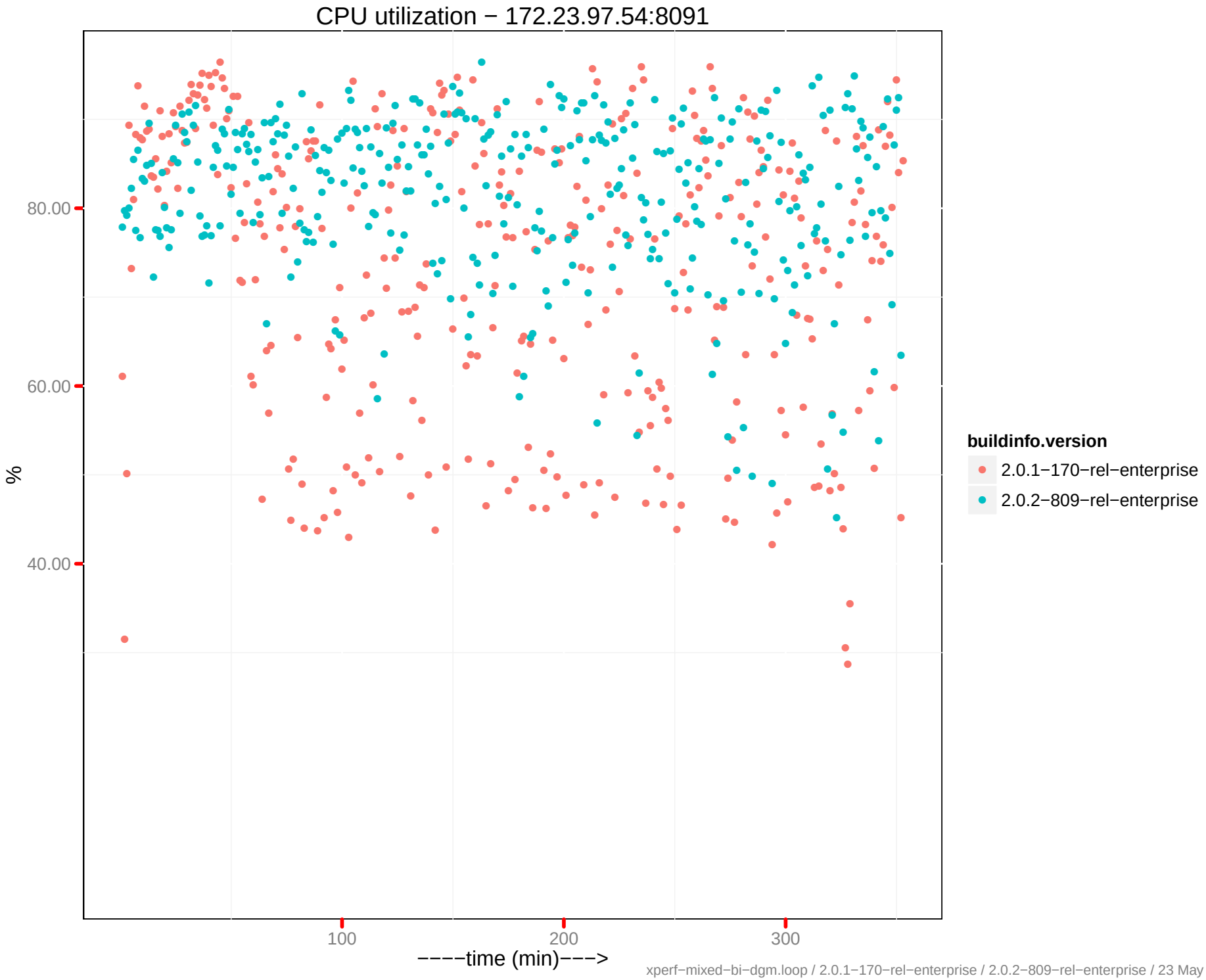

Metadata gets per sec
7.81K
5.86K
3.91K
1.95K
0
ops/sec
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of metadata read operations
per second for this bucket
as the target for XDCR
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

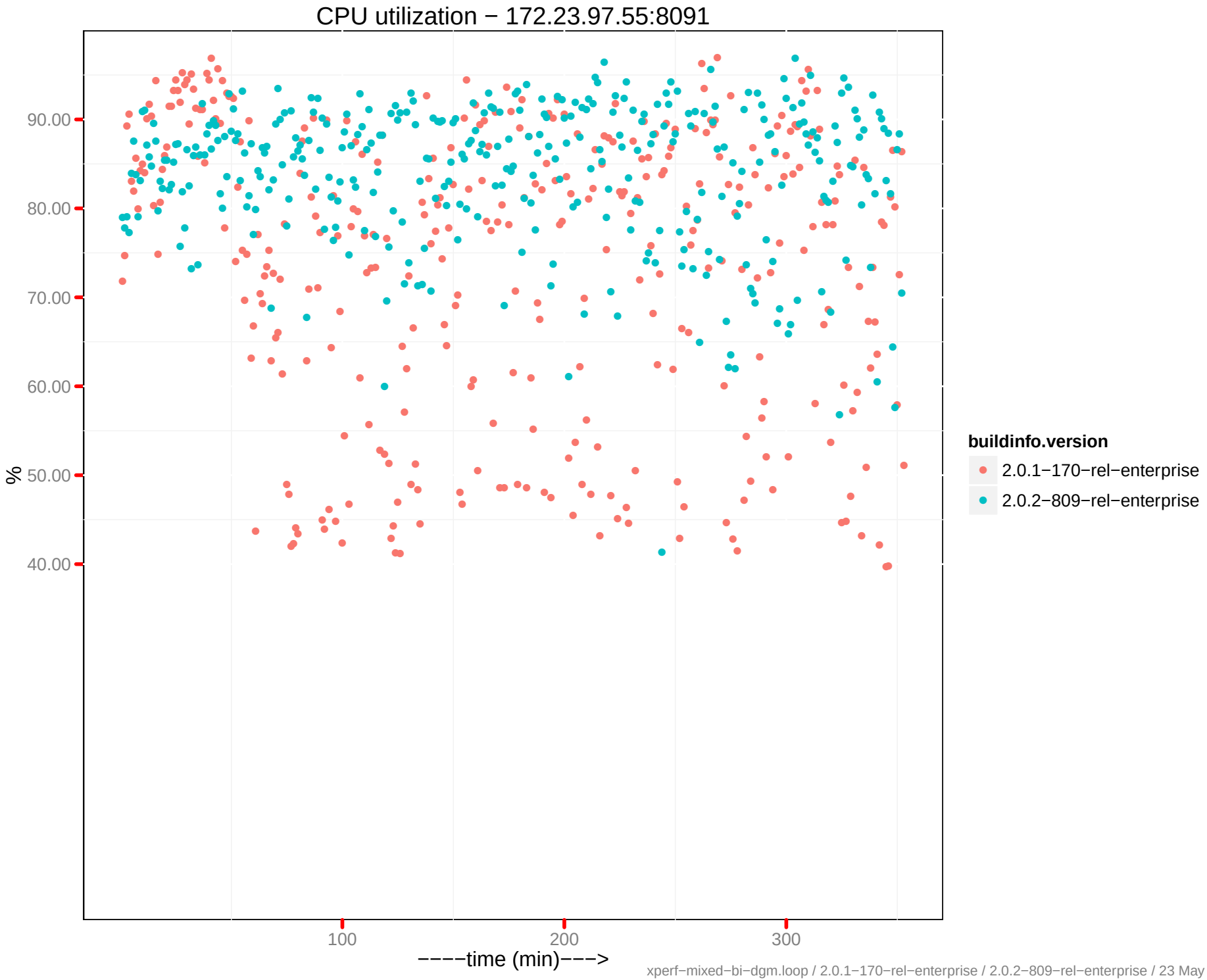

Metadata sets per sec
2.93K
1.95K
1000.00
0
ops/sec
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of set operations
per second for this bucket
as the target for XDCR
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

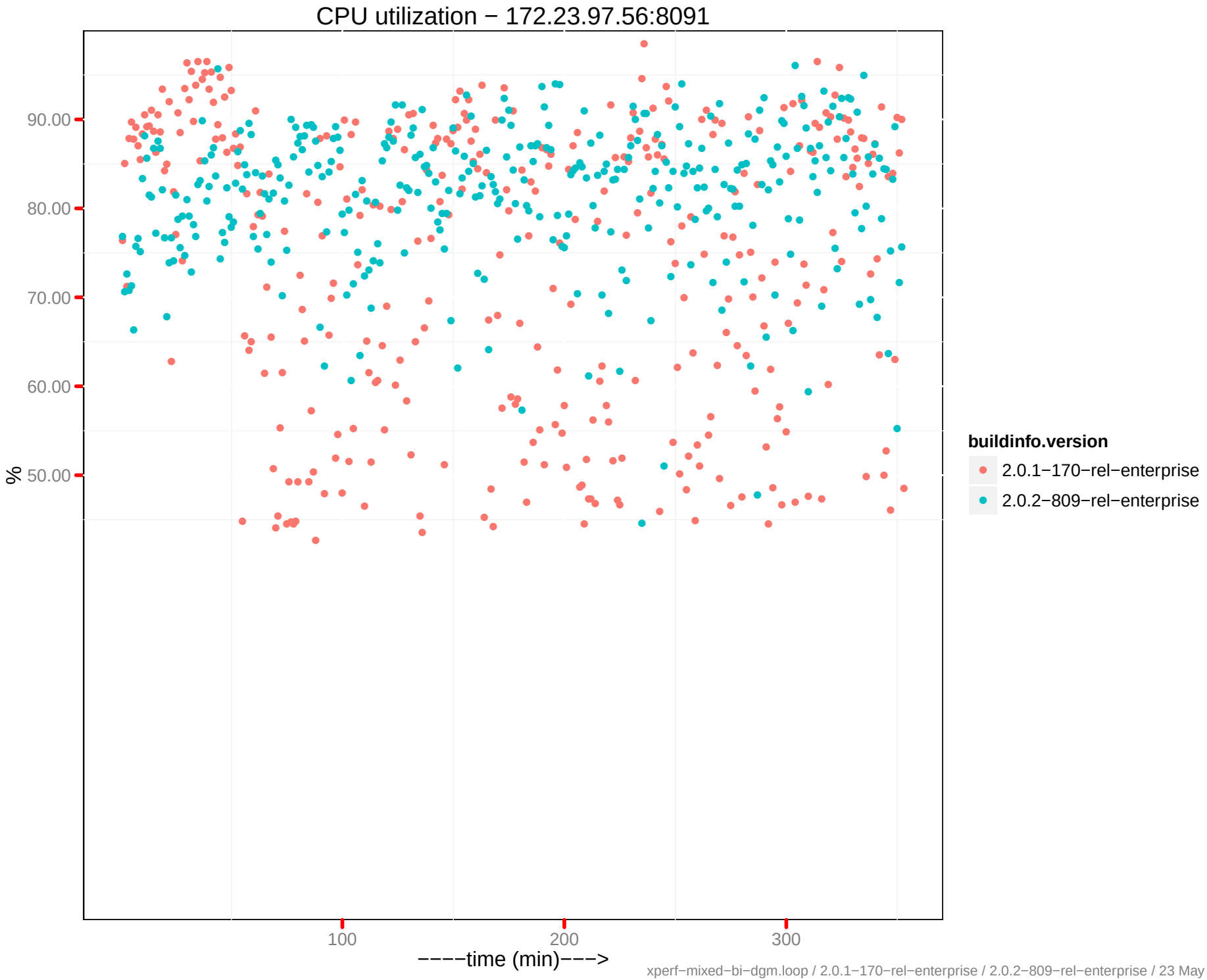

Metadata dels per sec
ops/sec
400.00
300.00
200.00
100.00
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Number of delete operations
per second for this bucket
as the target for XDCR
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

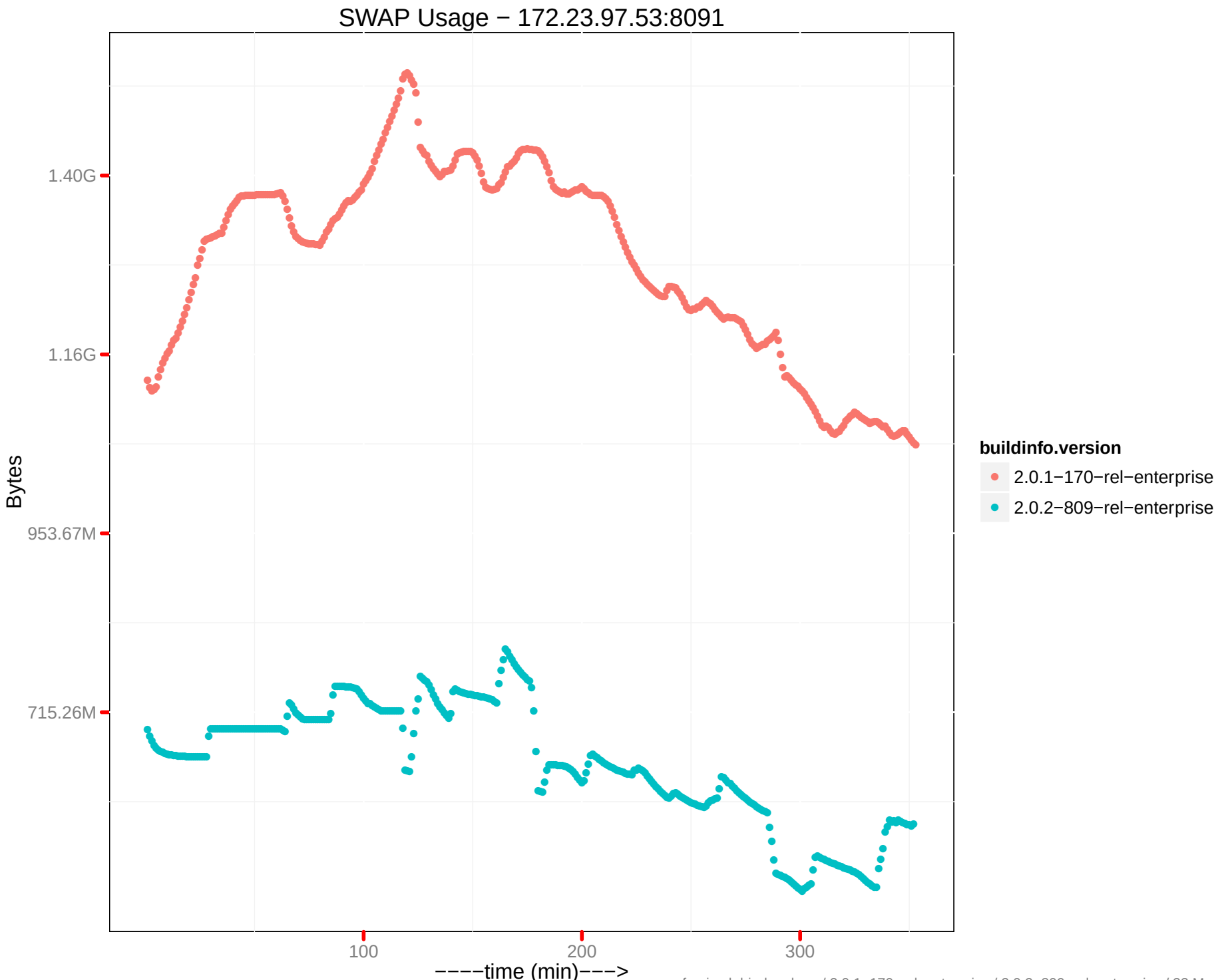

Rebalance progress
%
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

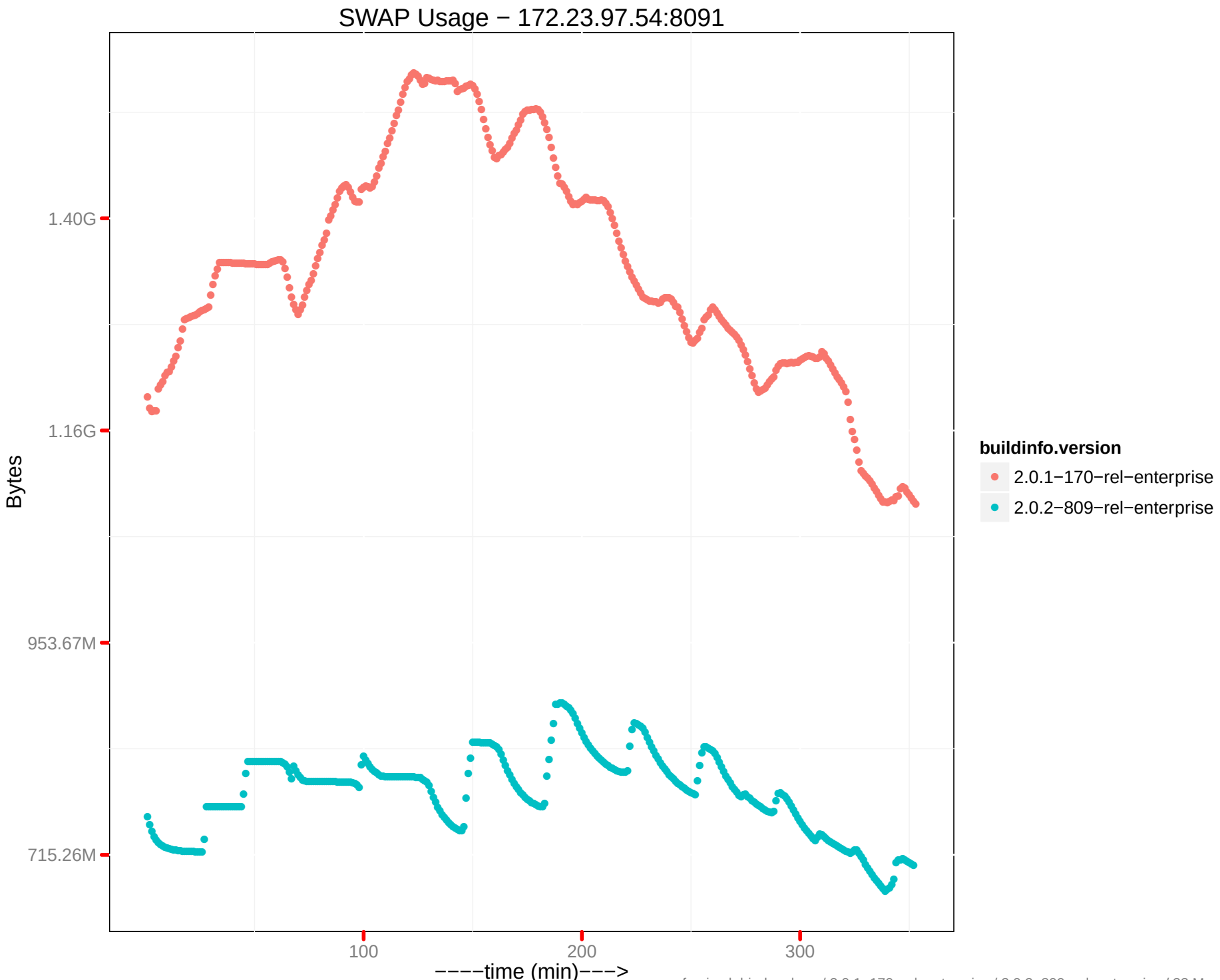

CPU utilization − 172.23.97.53:8091
80.00
60.00
40.00
%
100
200
300
−−−−time (min)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

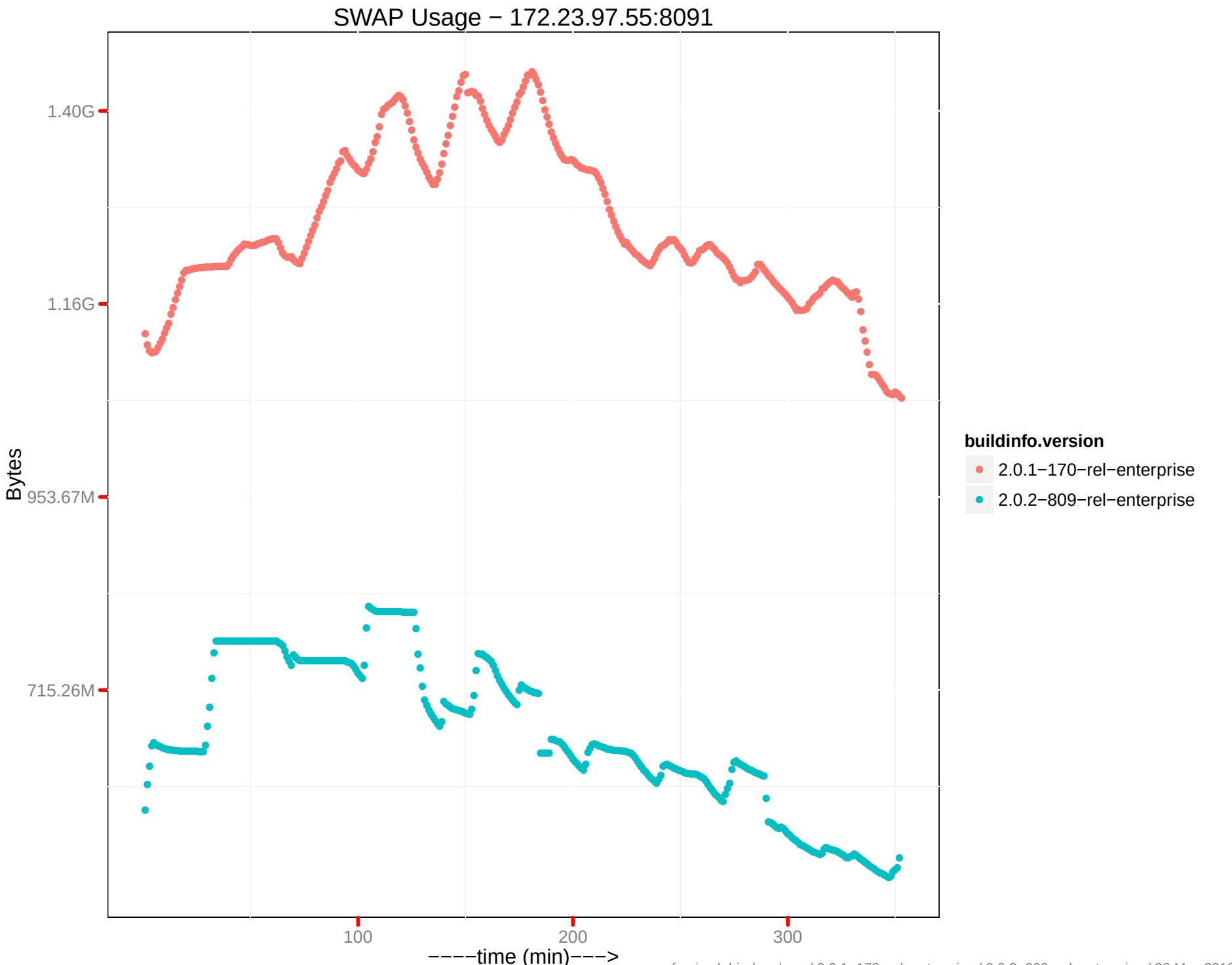

CPU utilization − 172.23.97.54:8091
80.00
60.00
40.00
%
100
200
300
−−−−time (min)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

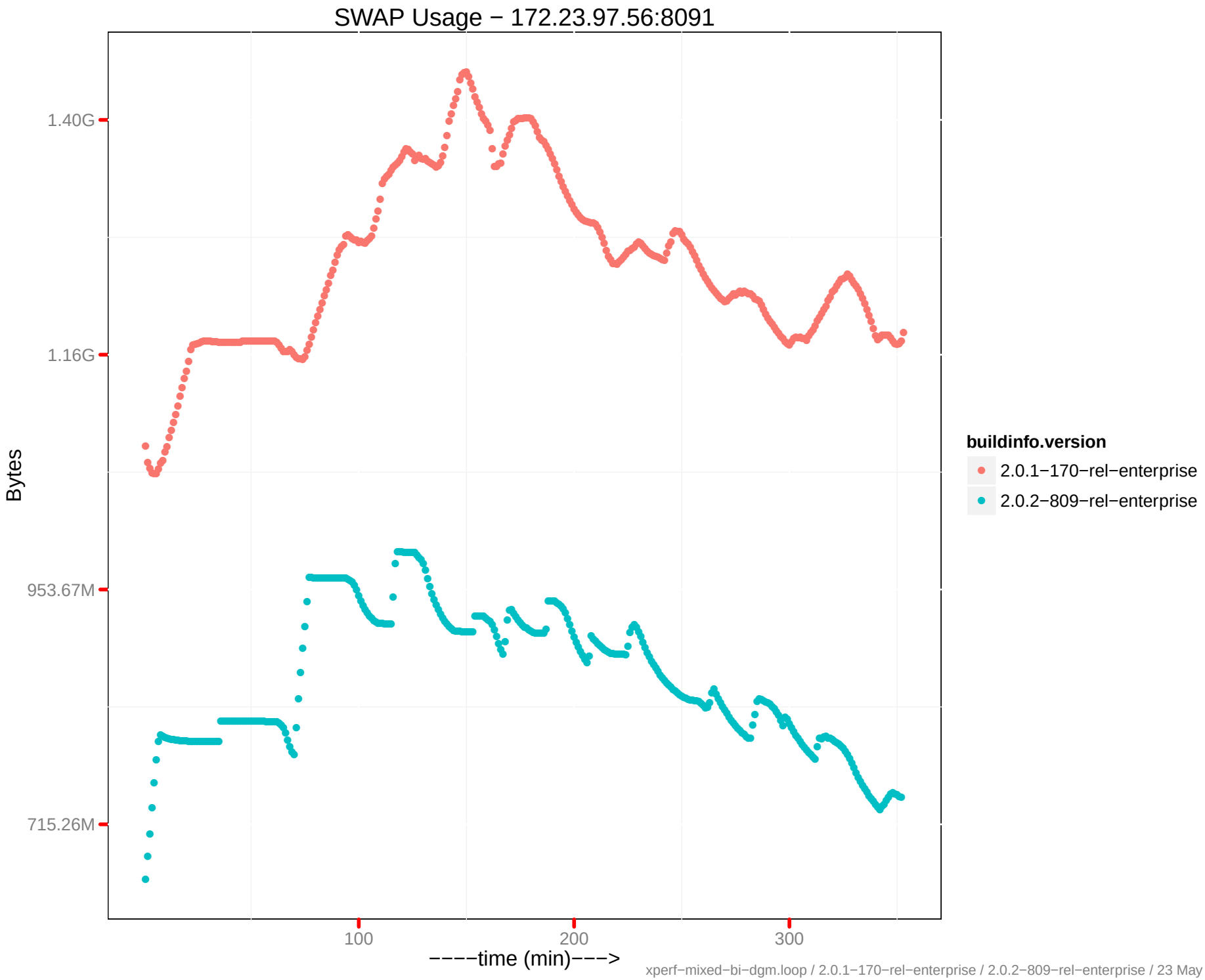

CPU utilization − 172.23.97.55:8091
90.00
80.00
70.00
60.00
50.00
40.00
%
100
200
300
−−−−time (min)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

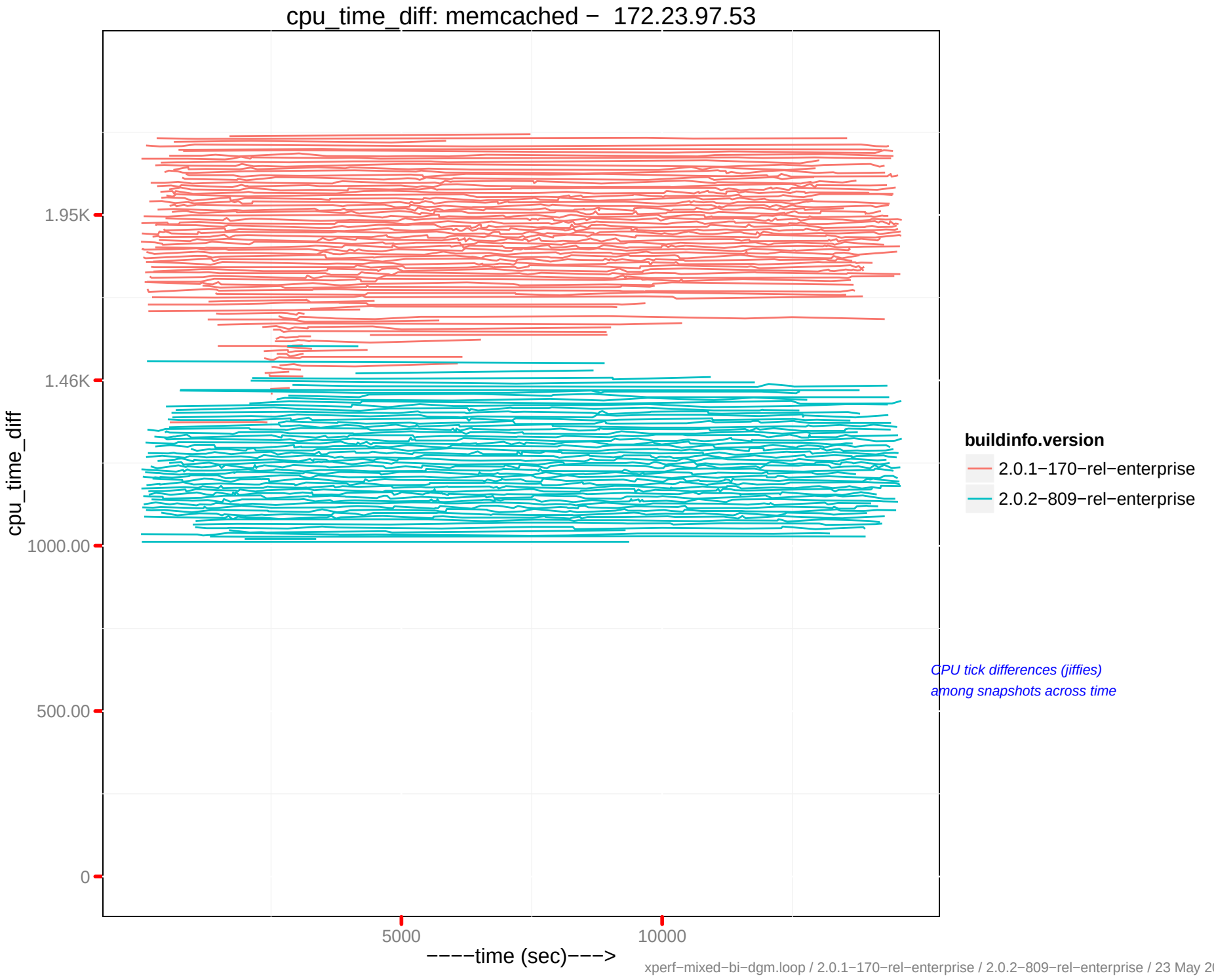

CPU utilization − 172.23.97.56:8091
90.00
80.00
70.00
60.00
50.00
%
100
200
300
−−−−time (min)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

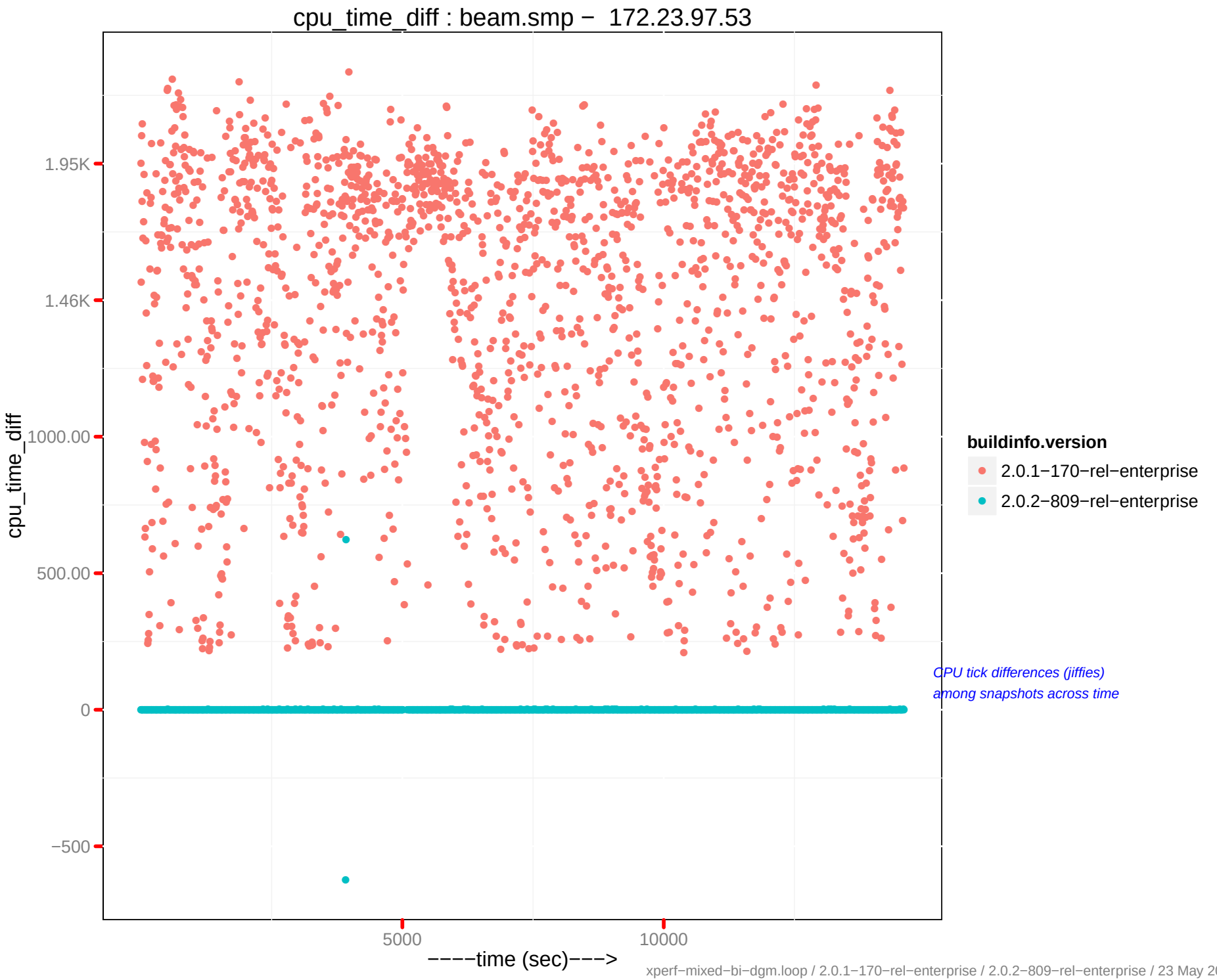

SWAP Usage − 172.23.97.53:8091
1.40G
1.16G
953.67M
715.26M
Bytes
100
200
300
−−−−time (min)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

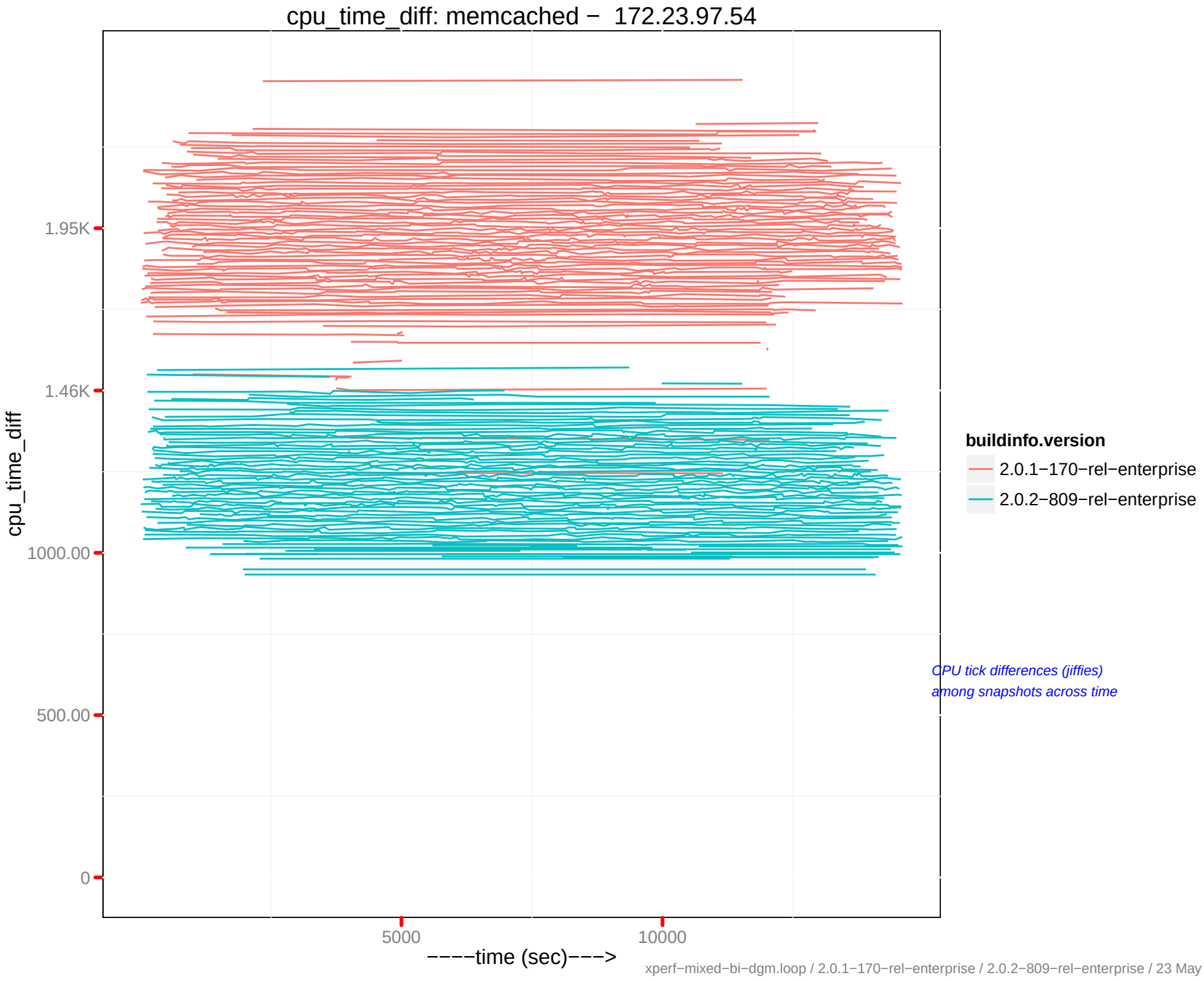

SWAP Usage − 172.23.97.54:8091
1.40G
1.16G
953.67M
715.26M
Bytes
100
200
300
−−−−time (min)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

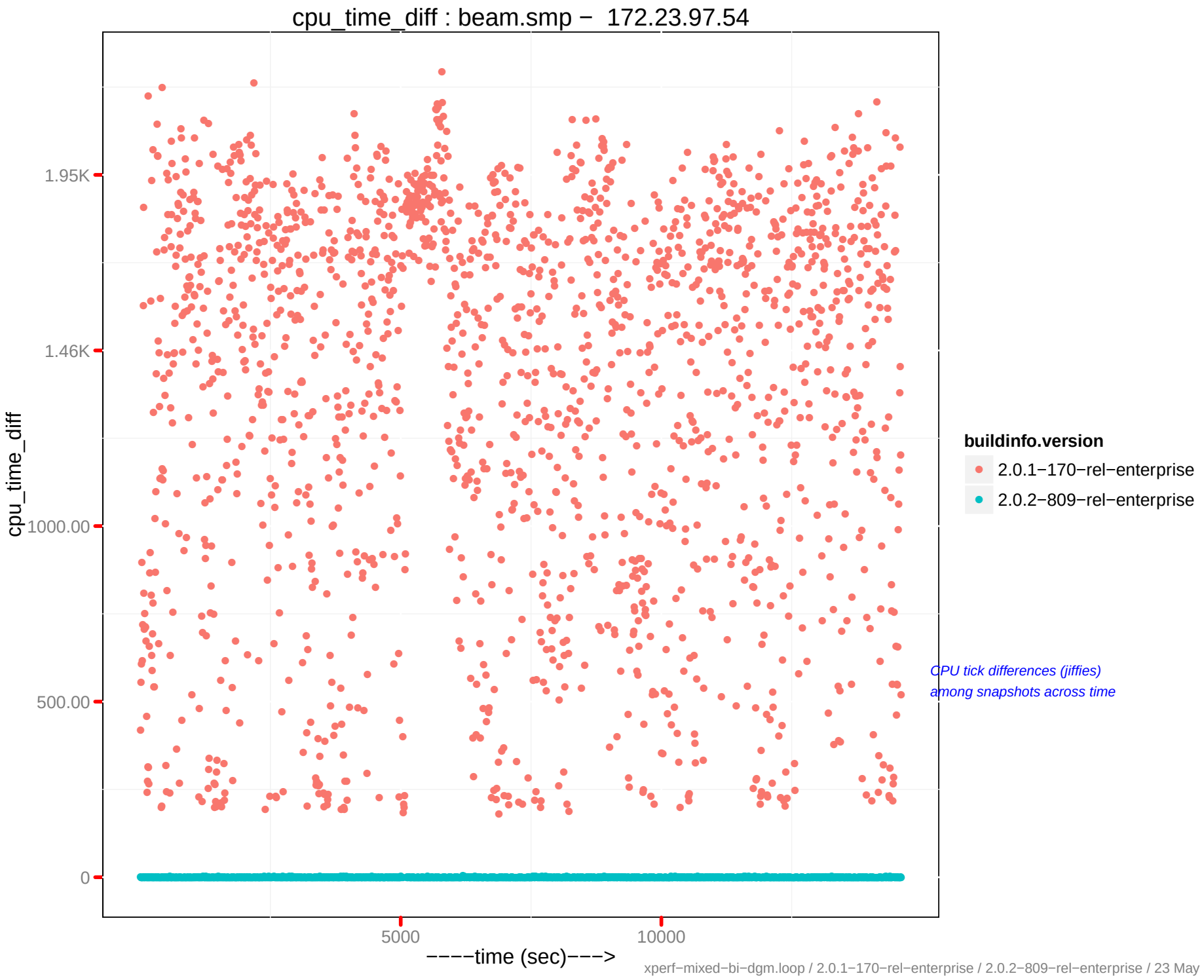

SWAP Usage − 172.23.97.55:8091
1.40G
1.16G
953.67M
715.26M
Bytes
100
200
300
−−−−time (min)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

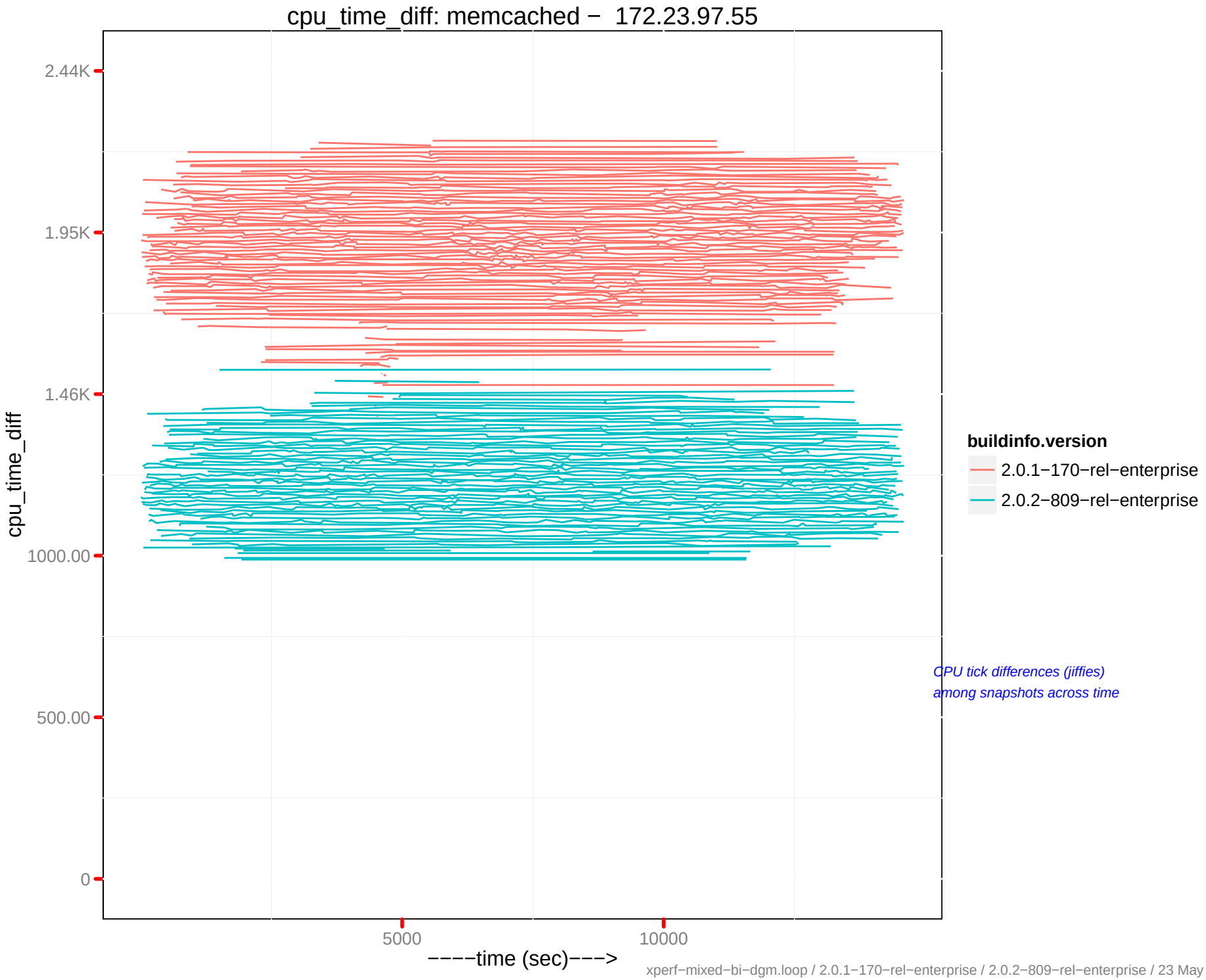

SWAP Usage − 172.23.97.56:8091
1.40G
1.16G
953.67M
715.26M
Bytes
100
200
300
−−−−time (min)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

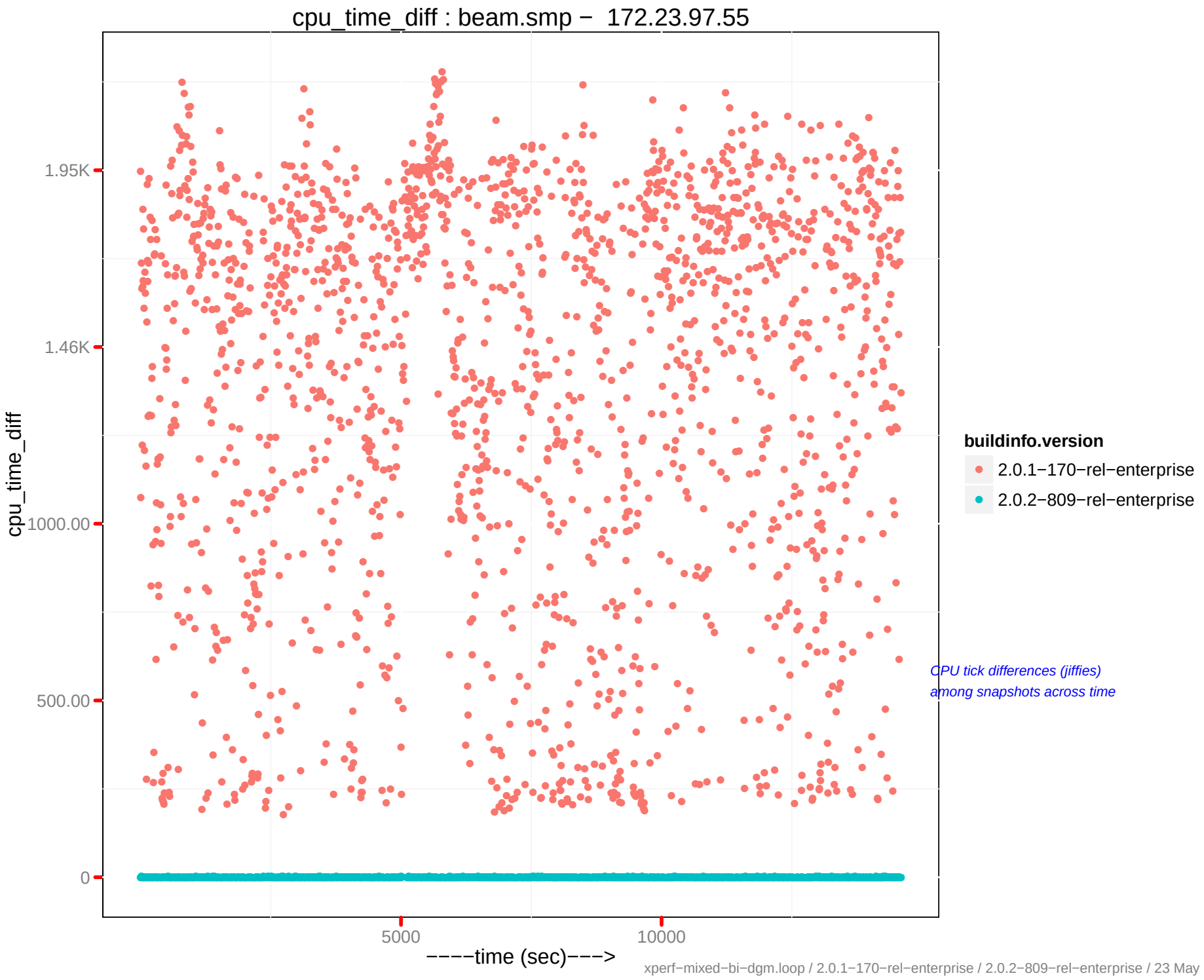

cpu_time_diff: memcached − 172.23.97.53
1.95K
1.46K
1000.00
500.00
0
cpu_time_diff
5000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

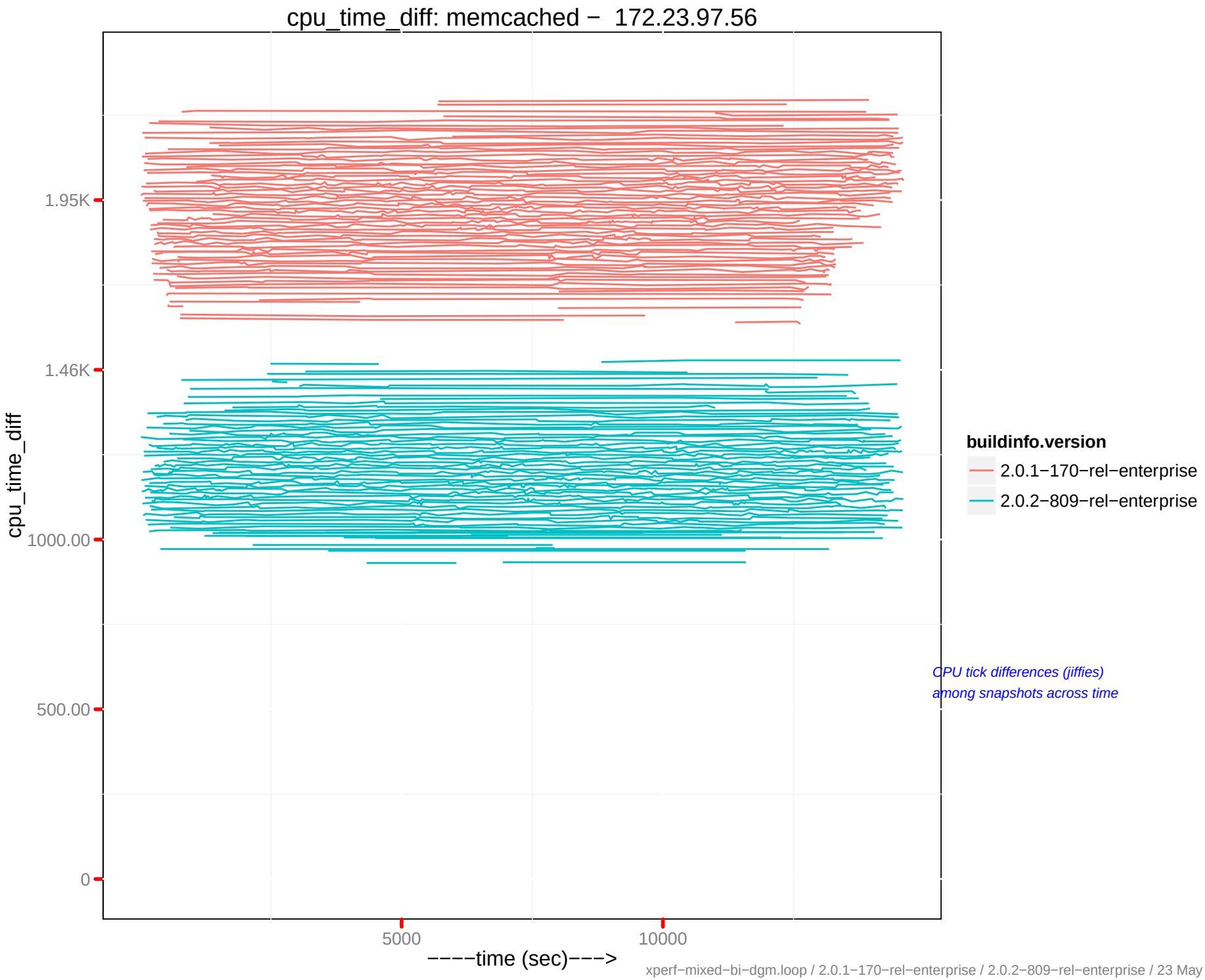

cpu_time_diff : beam.smp − 172.23.97.53
cpu_time_diff
1.95K
1.46K
1000.00
500.00
0
−500
5000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

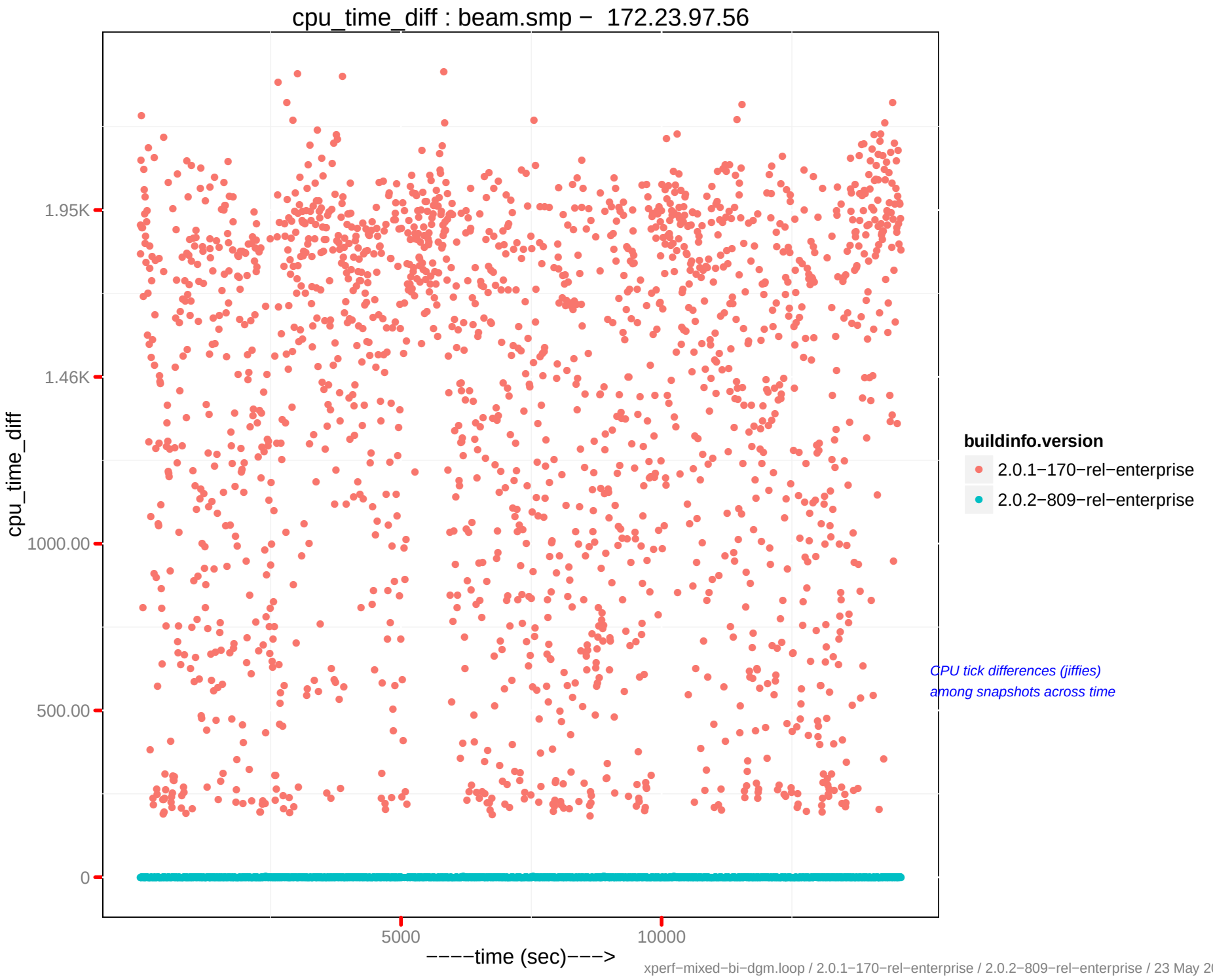

cpu_time_diff: memcached − 172.23.97.54
cpu_time_diff
1.95K
1.46K
1000.00
500.00
0
5000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

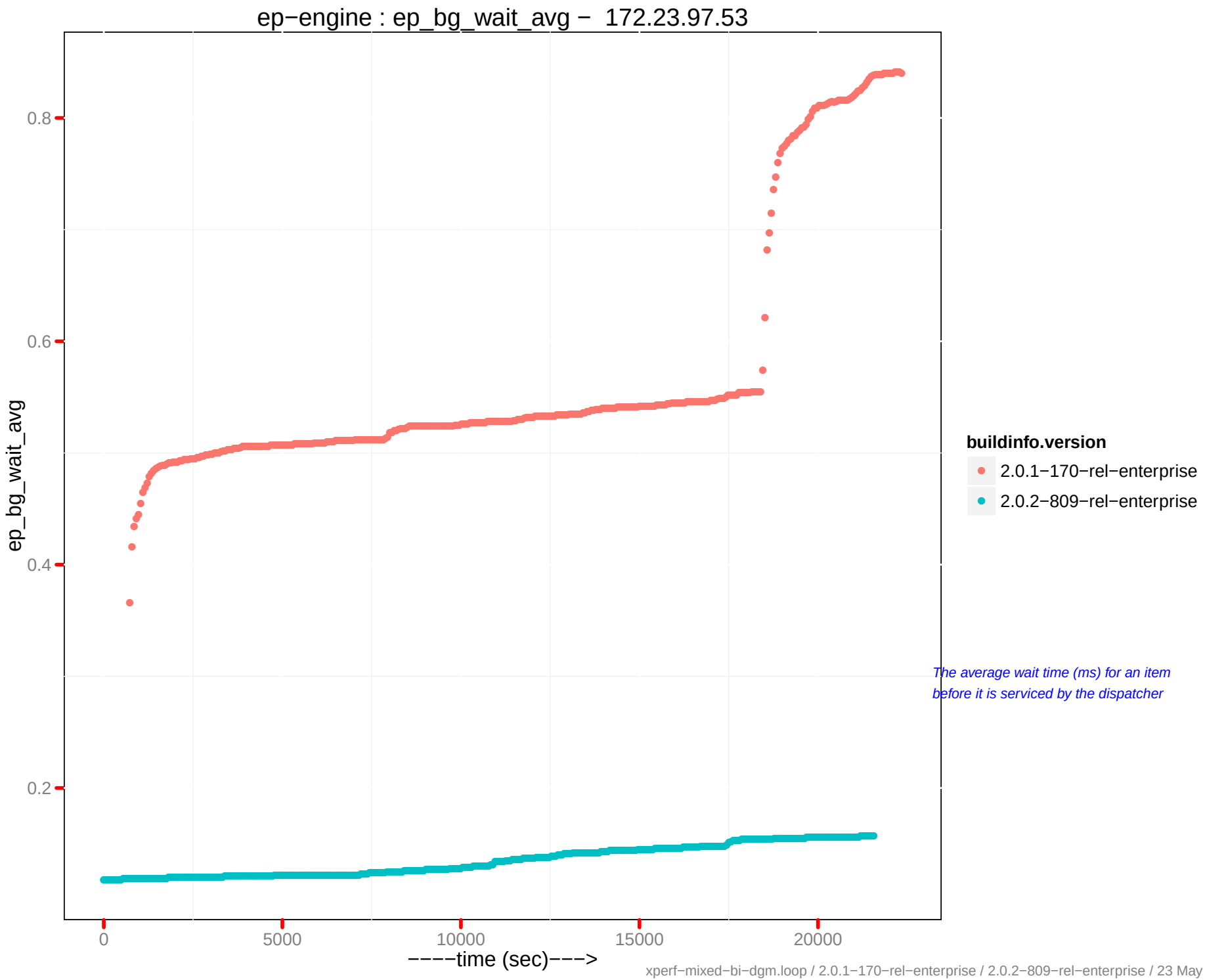

cpu_time_diff : beam.smp − 172.23.97.54
cpu_time_diff
1.95K
1.46K
1000.00
500.00
0
5000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

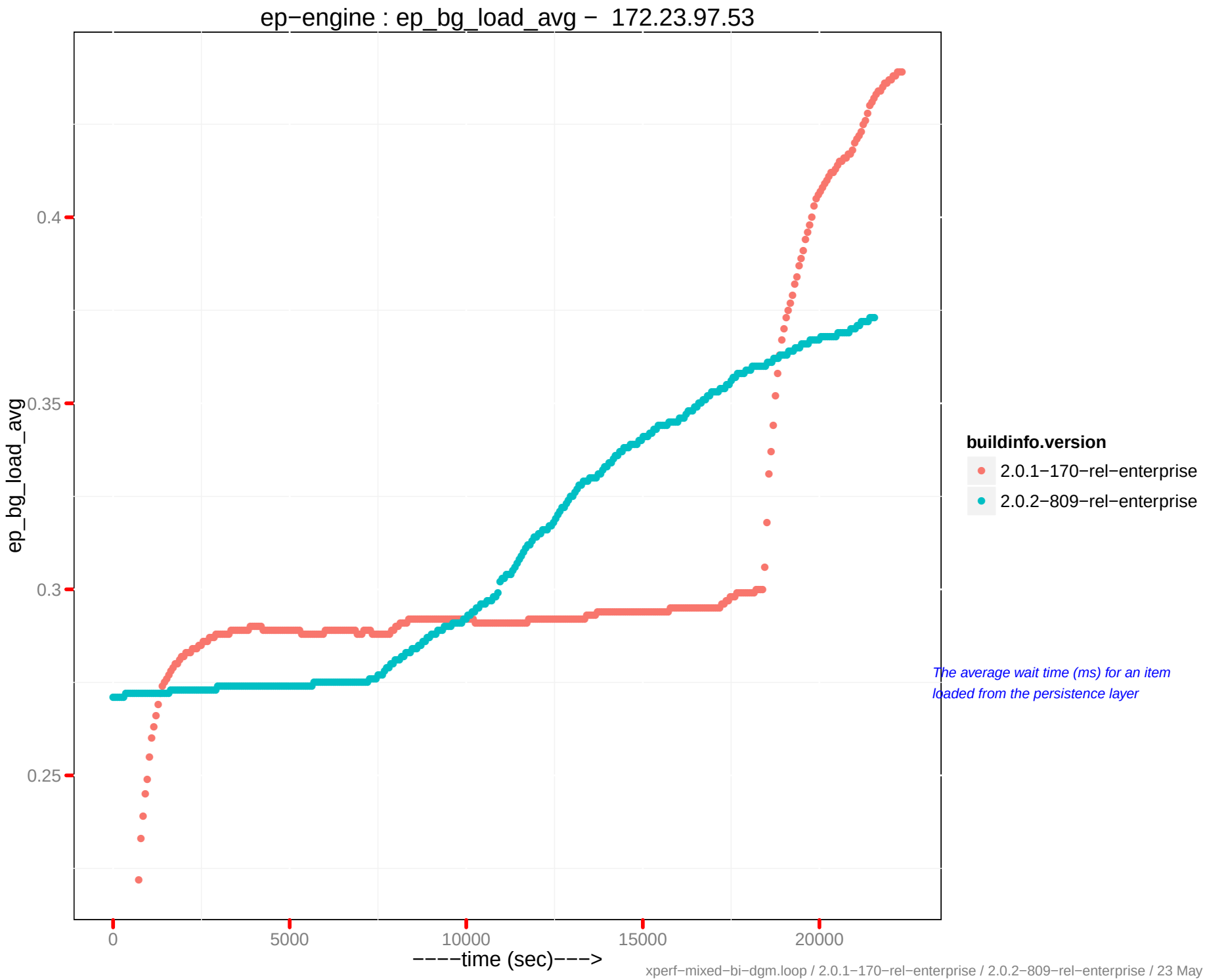

cpu_time_diff: memcached − 172.23.97.55
2.44K
1.95K
1.46K
1000.00
500.00
0
cpu_time_diff
5000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

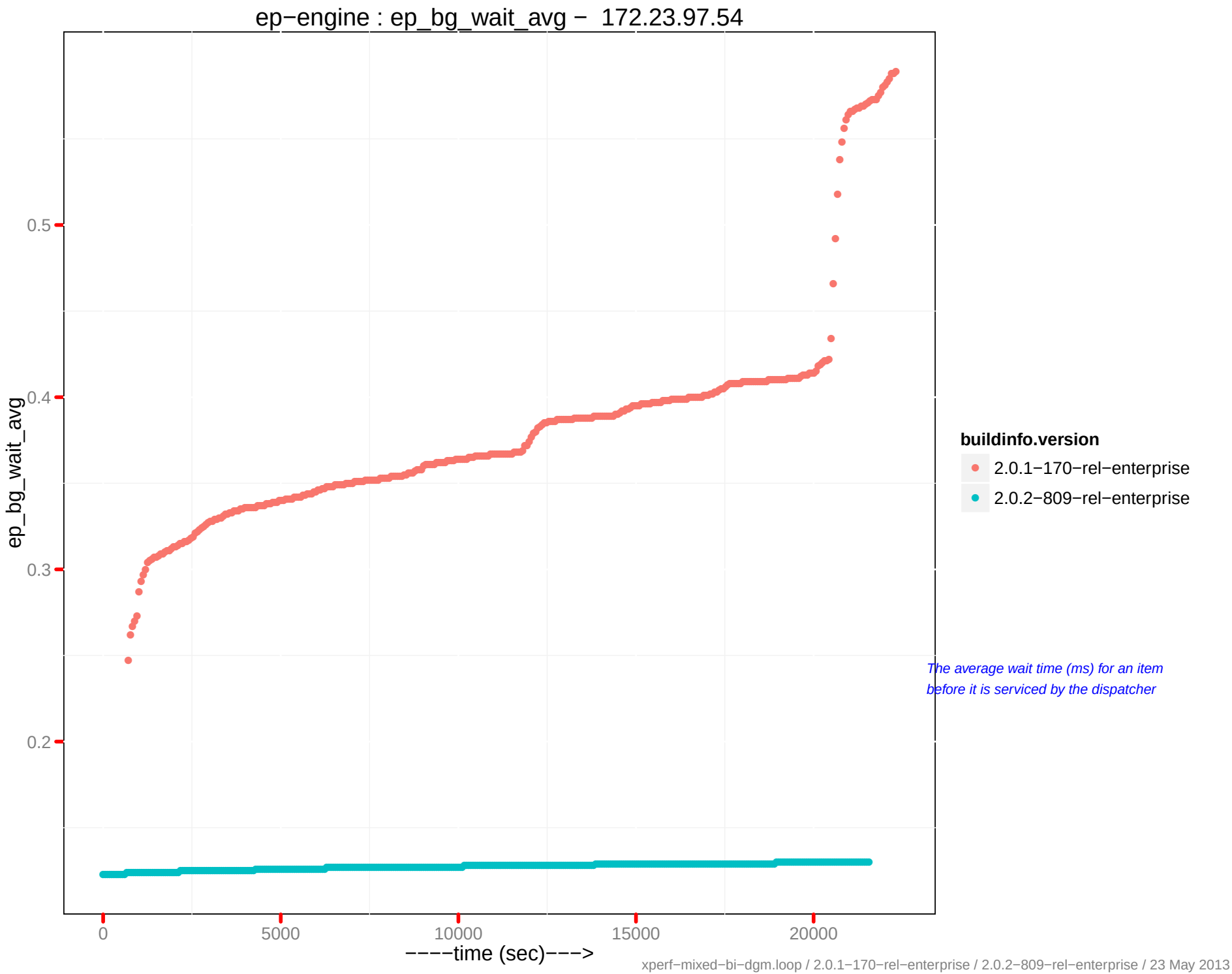

cpu_time_diff : beam.smp − 172.23.97.55
cpu_time_diff
1.95K
1.46K
1000.00
500.00
0
5000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

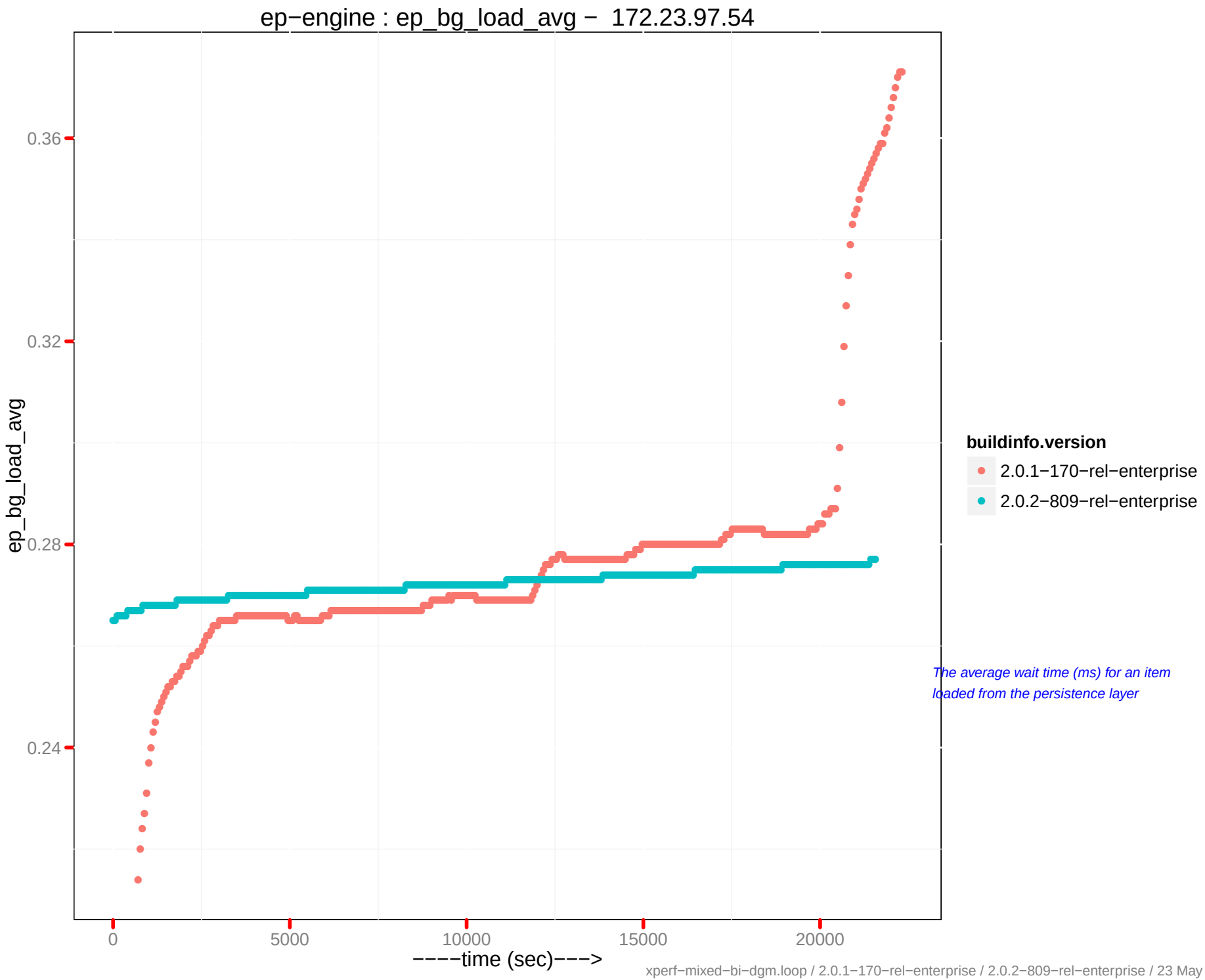

cpu_time_diff: memcached − 172.23.97.56
1.95K
1.46K
1000.00
500.00
0
cpu_time_diff
5000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

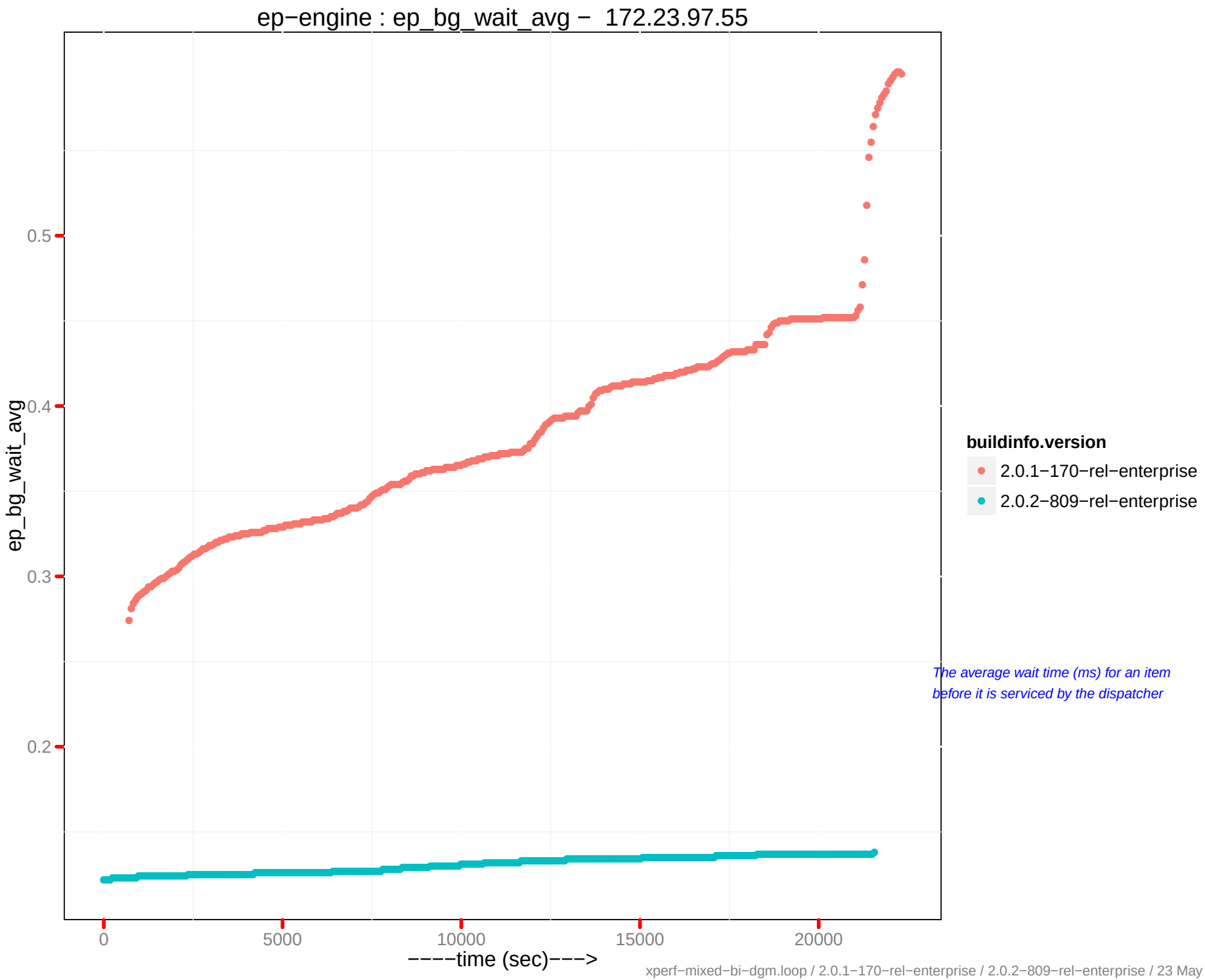

cpu_time_diff : beam.smp − 172.23.97.56
cpu_time_diff
1.95K
1.46K
1000.00
500.00
0
5000
10000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

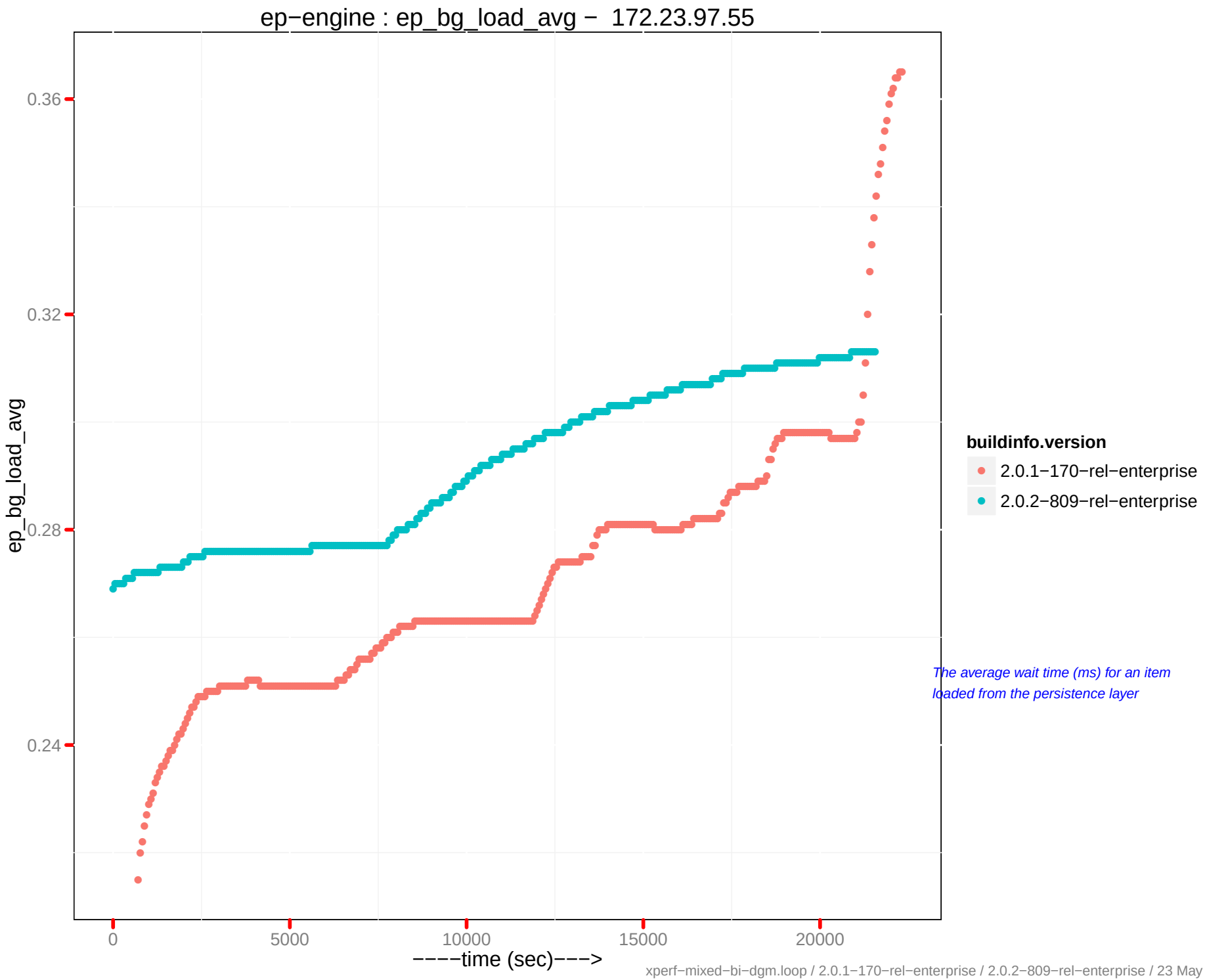

ep−engine : ep_bg_wait_avg − 172.23.97.53
ep_bg_wait_avg
0.8
0.6
0.4
0.2
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

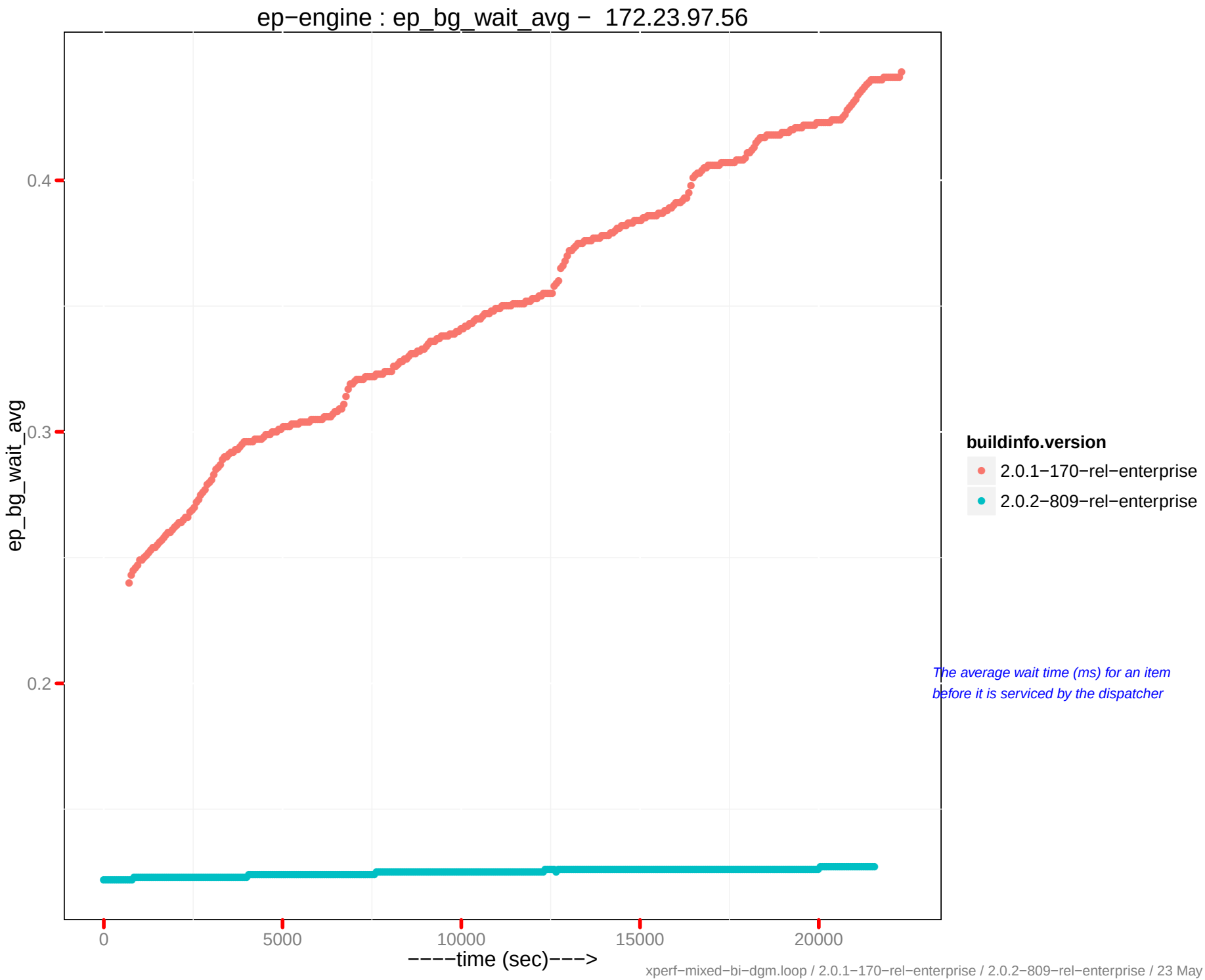

ep−engine : ep_bg_load_avg − 172.23.97.53
ep_bg_load_avg
0.4
0.35
0.3
0.25
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

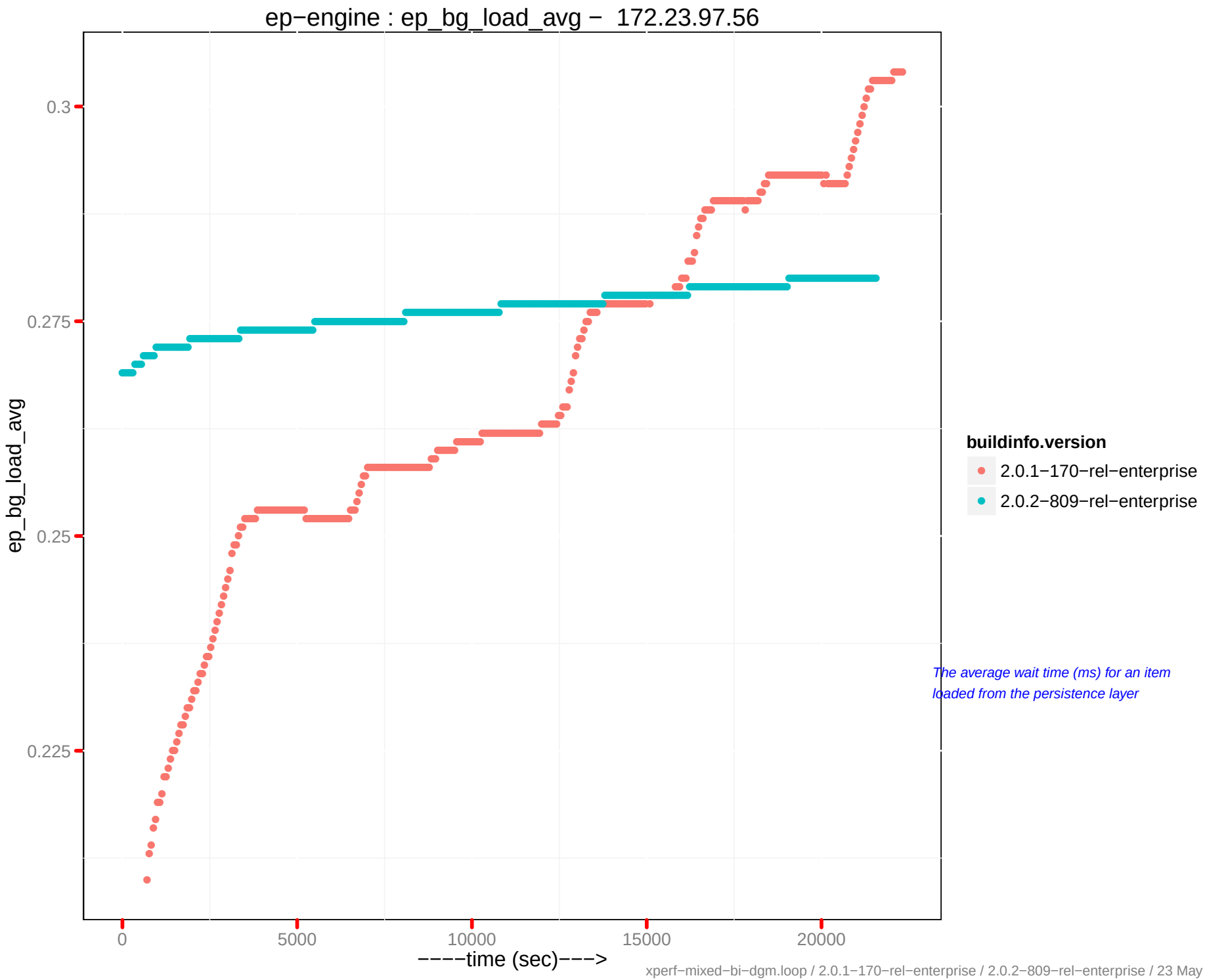

ep−engine : ep_bg_wait_avg − 172.23.97.54
ep_bg_wait_avg
0.5
0.4
0.3
0.2
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

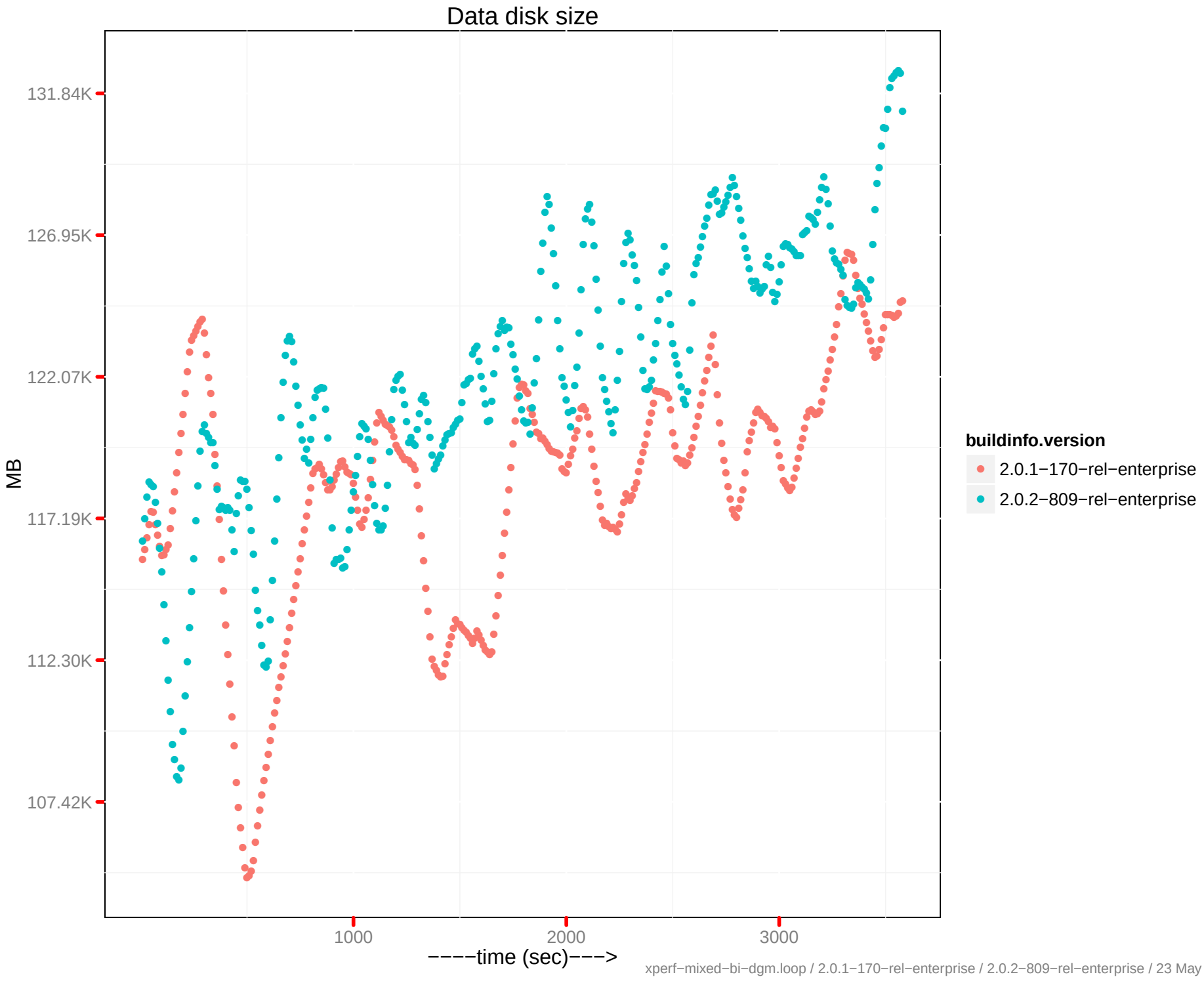

ep−engine : ep_bg_load_avg − 172.23.97.54
ep_bg_load_avg
0.36
0.32
0.28
0.24
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

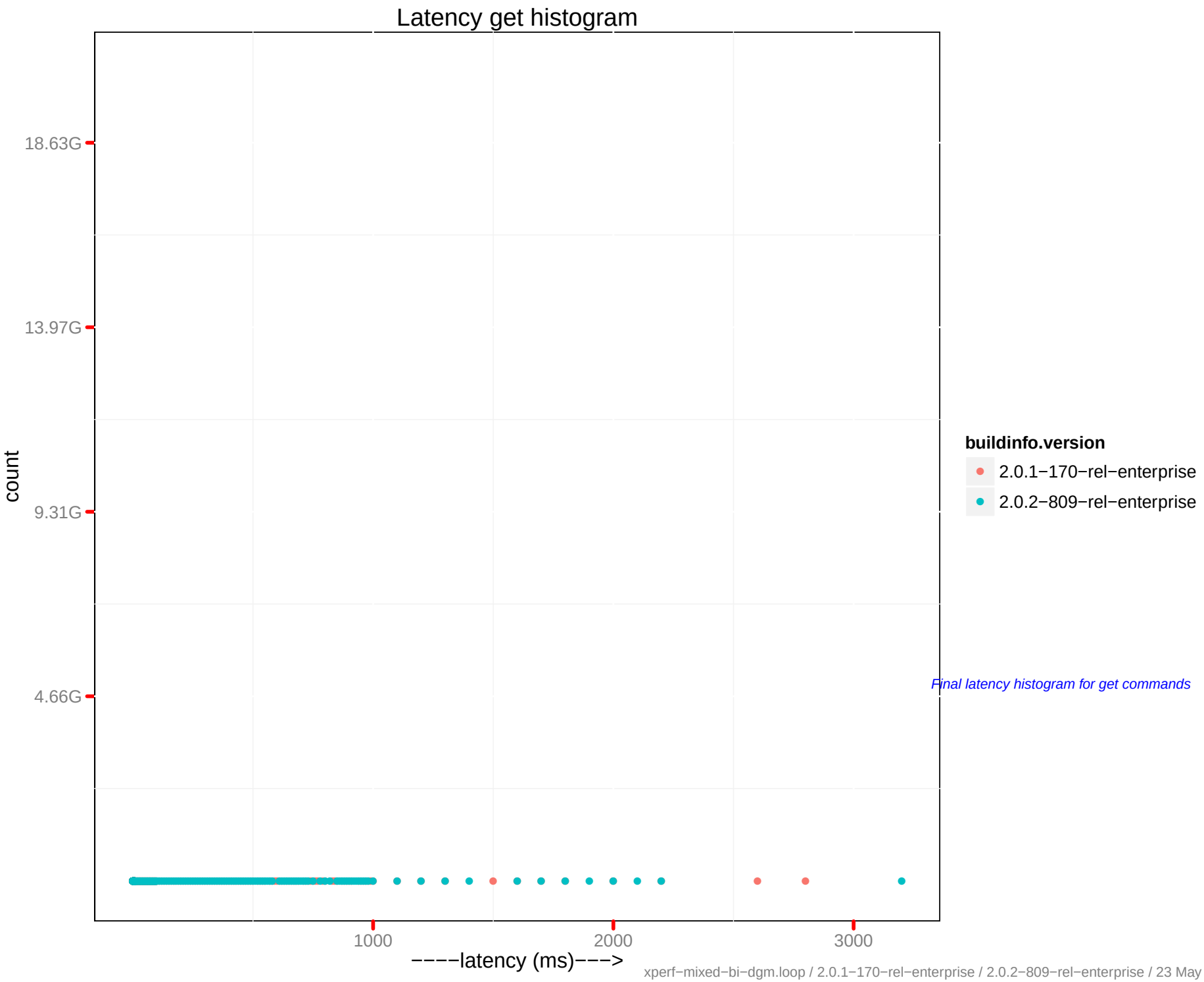

ep−engine : ep_bg_wait_avg − 172.23.97.55
ep_bg_wait_avg
0.5
0.4
0.3
0.2
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

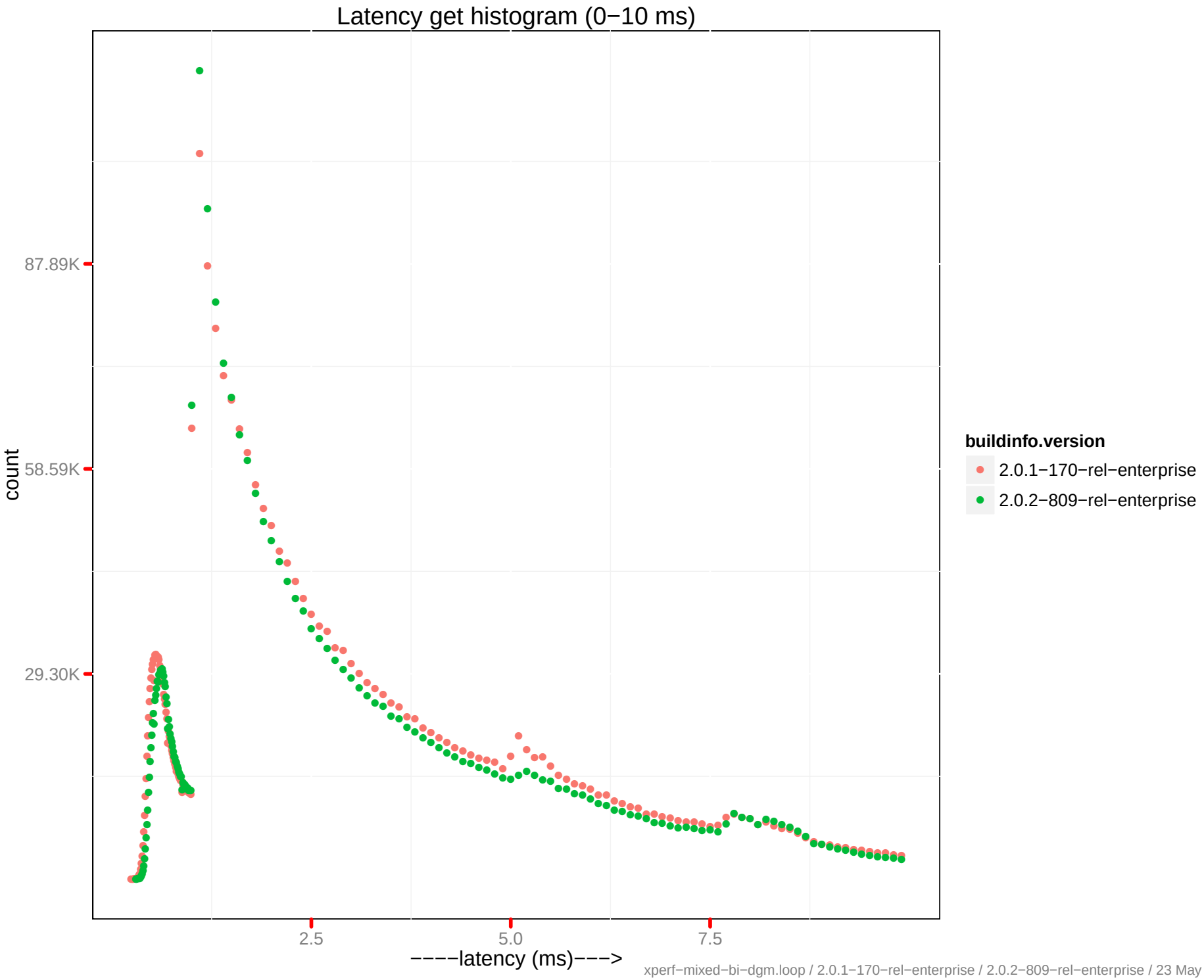

ep−engine : ep_bg_load_avg − 172.23.97.55
0.36
0.32
0.28
0.24
ep_bg_load_avg
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

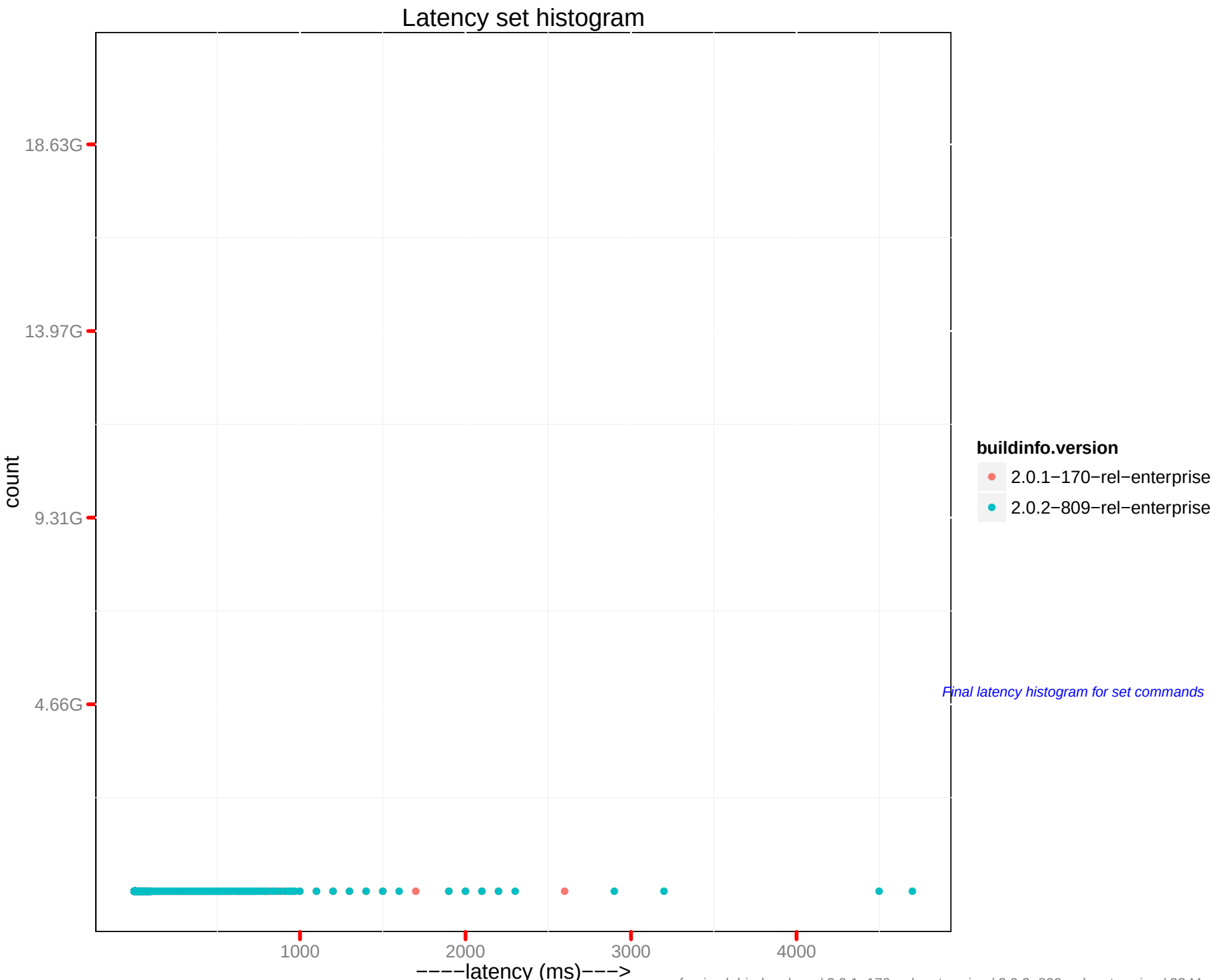

ep−engine : ep_bg_wait_avg − 172.23.97.56
ep_bg_wait_avg
0.4
0.3
0.2
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
The average wait time (ms) for an item
before it is serviced by the dispatcher
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

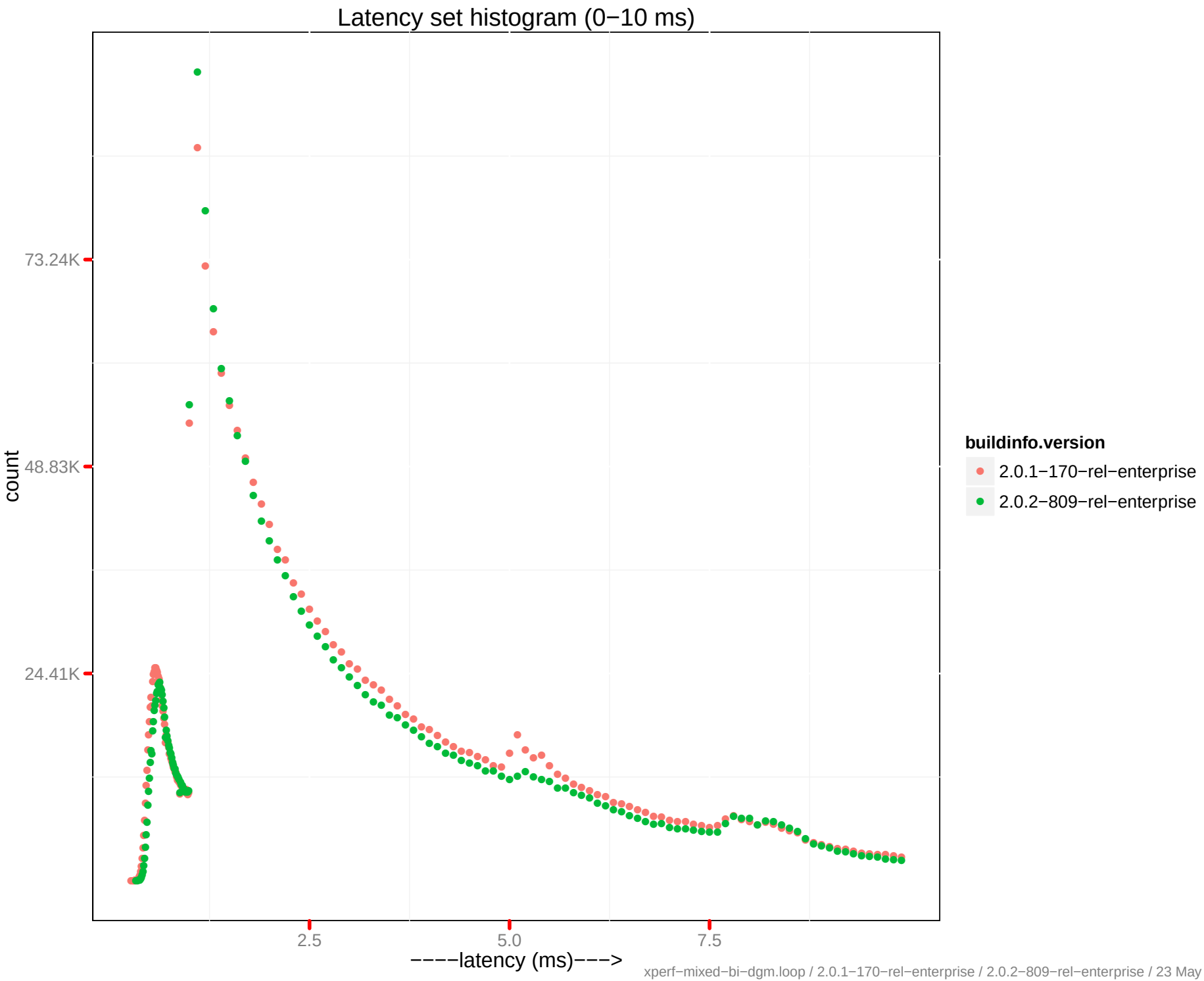

ep−engine : ep_bg_load_avg − 172.23.97.56
ep_bg_load_avg
0.3
0.275
0.25
0.225
0
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
The average wait time (ms) for an item loaded from the persistence layer
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

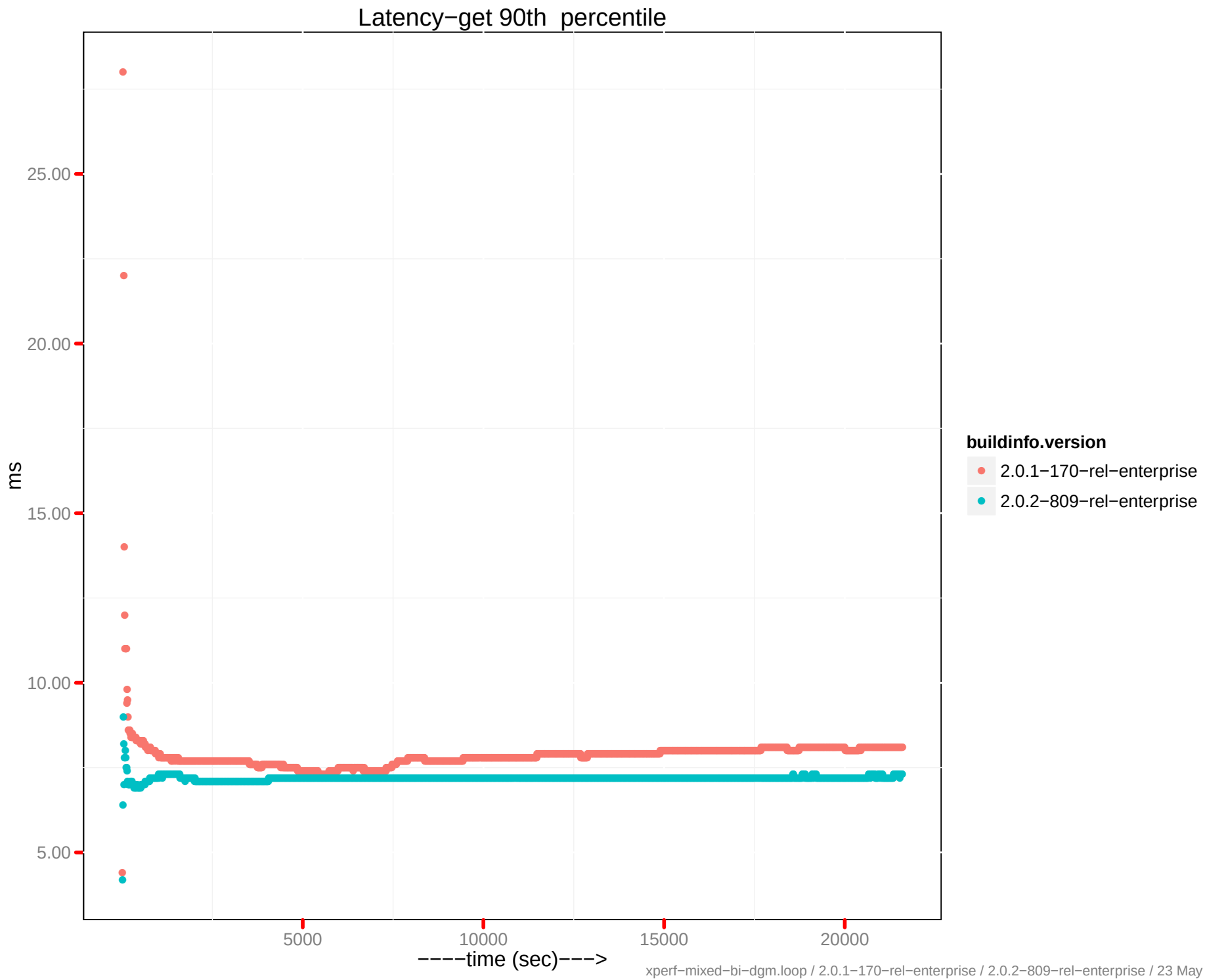

Data disk size
131.84K
126.95K
122.07K
117.19K
112.30K
107.42K
MB
1000
2000
3000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

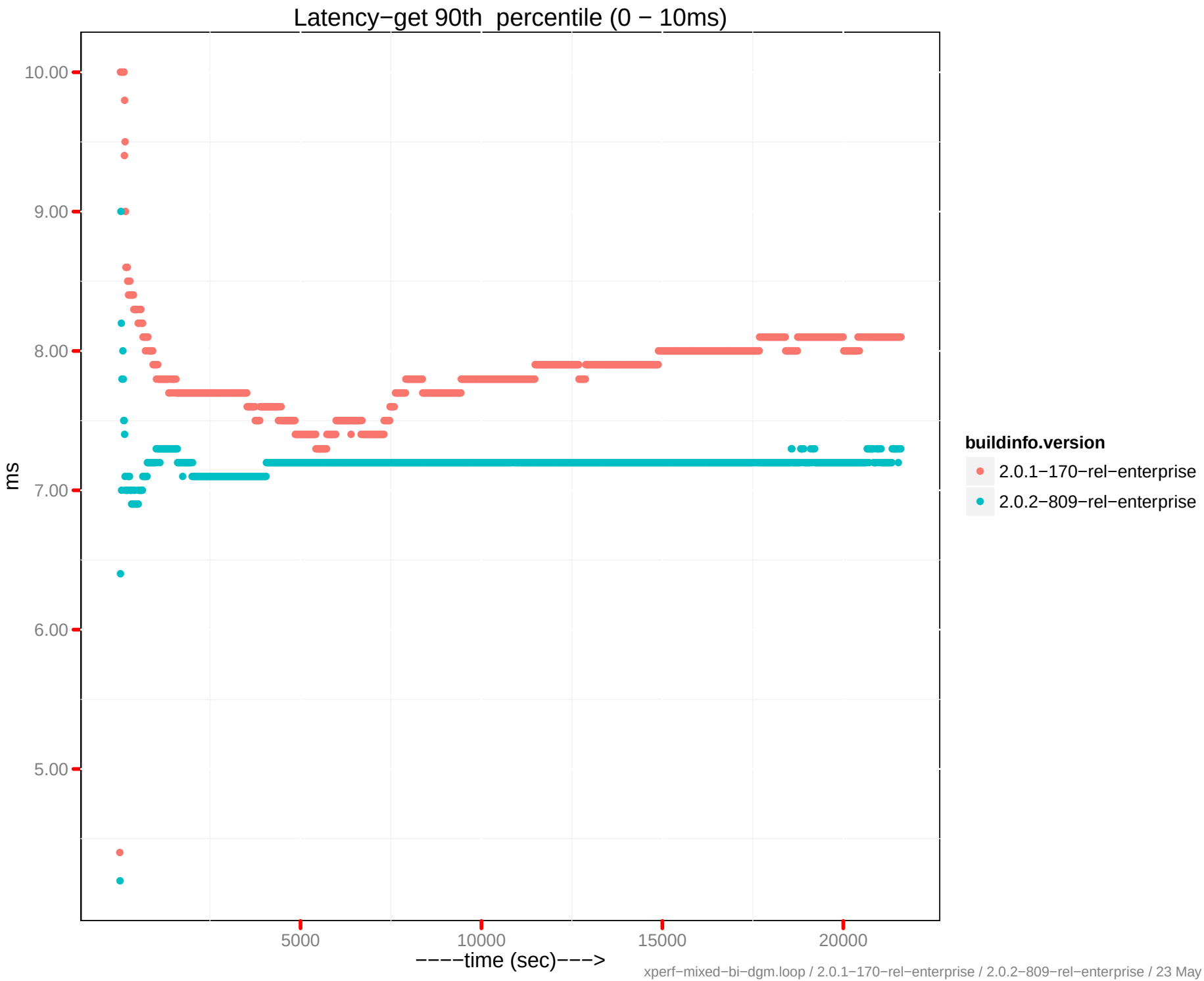

Latency get histogram
18.63G
13.97G
9.31G
4.66G
count
1000
2000
3000
----latency (ms)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Final latency histogram for get commands
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

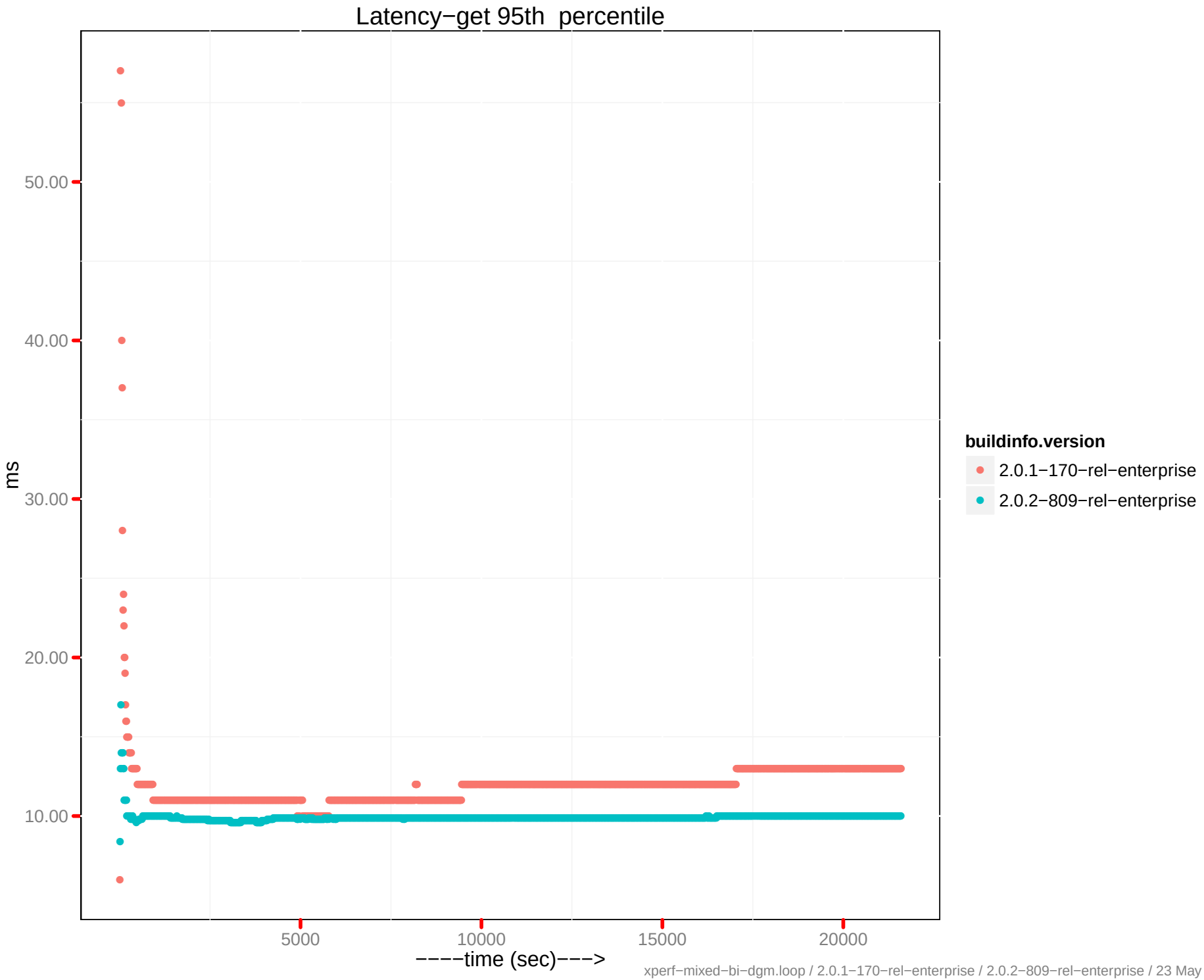

Latency get histogram (0−10 ms)
87.89K
58.59K
29.30K
count
2.5
5.0
7.5
−−−−latency (ms)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

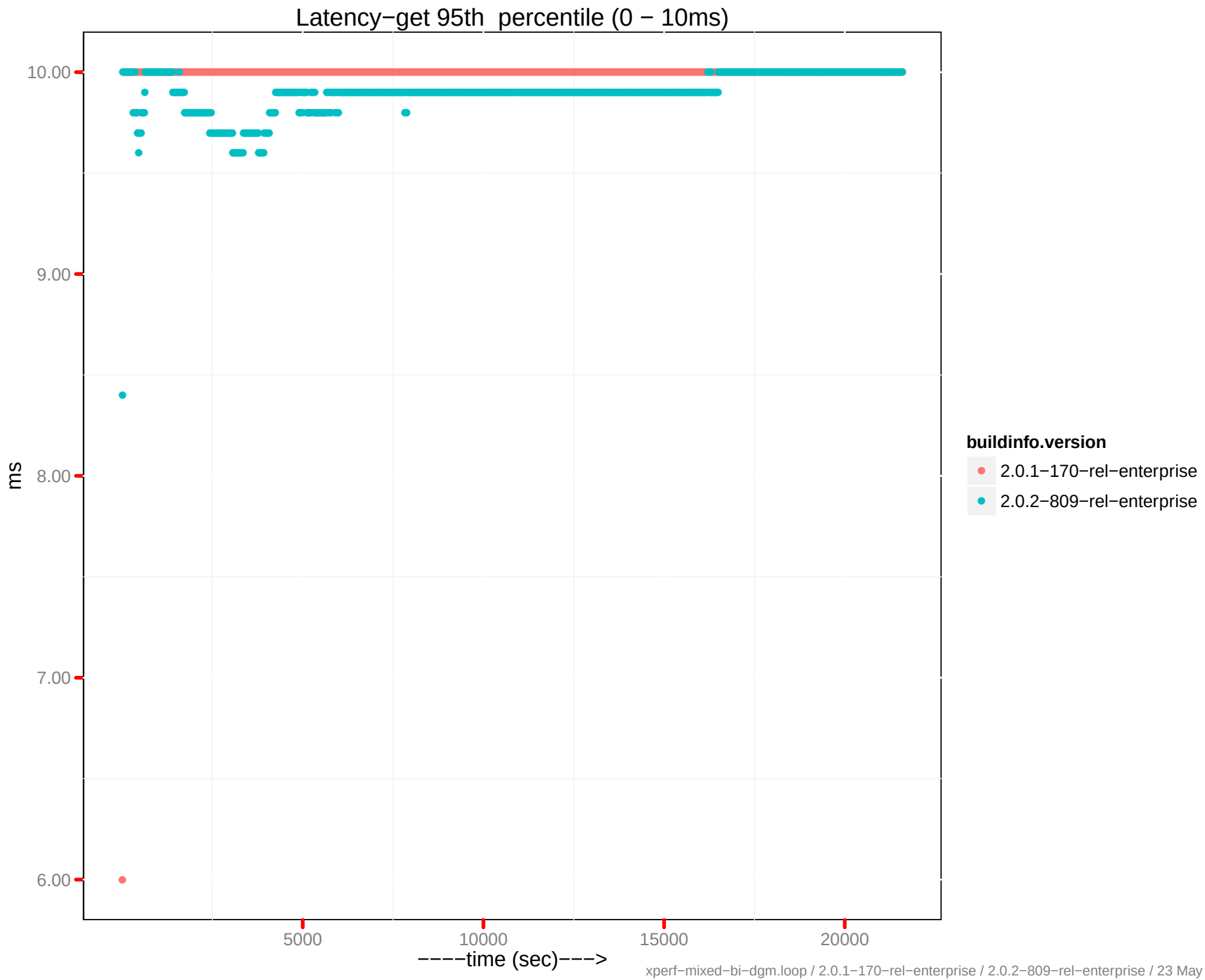

Latency set histogram
18.63G
13.97G
9.31G
4.66G
count
1000
2000
3000
4000
----latency (ms)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
Final latency histogram for set commands
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013

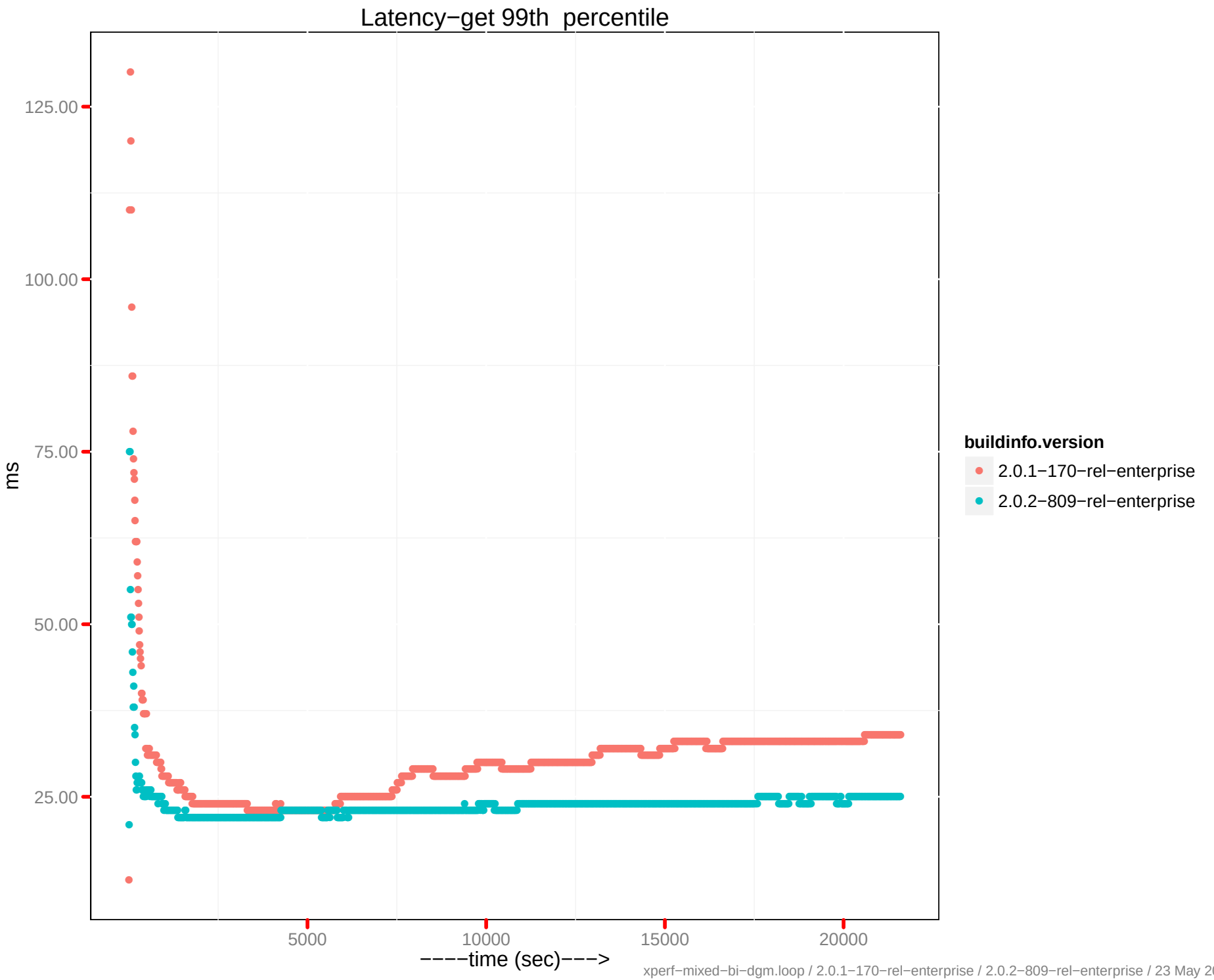

Latency set histogram (0−10 ms)
73.24K
48.83K
24.41K
count
2.5
5.0
7.5
−−−−latency (ms)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

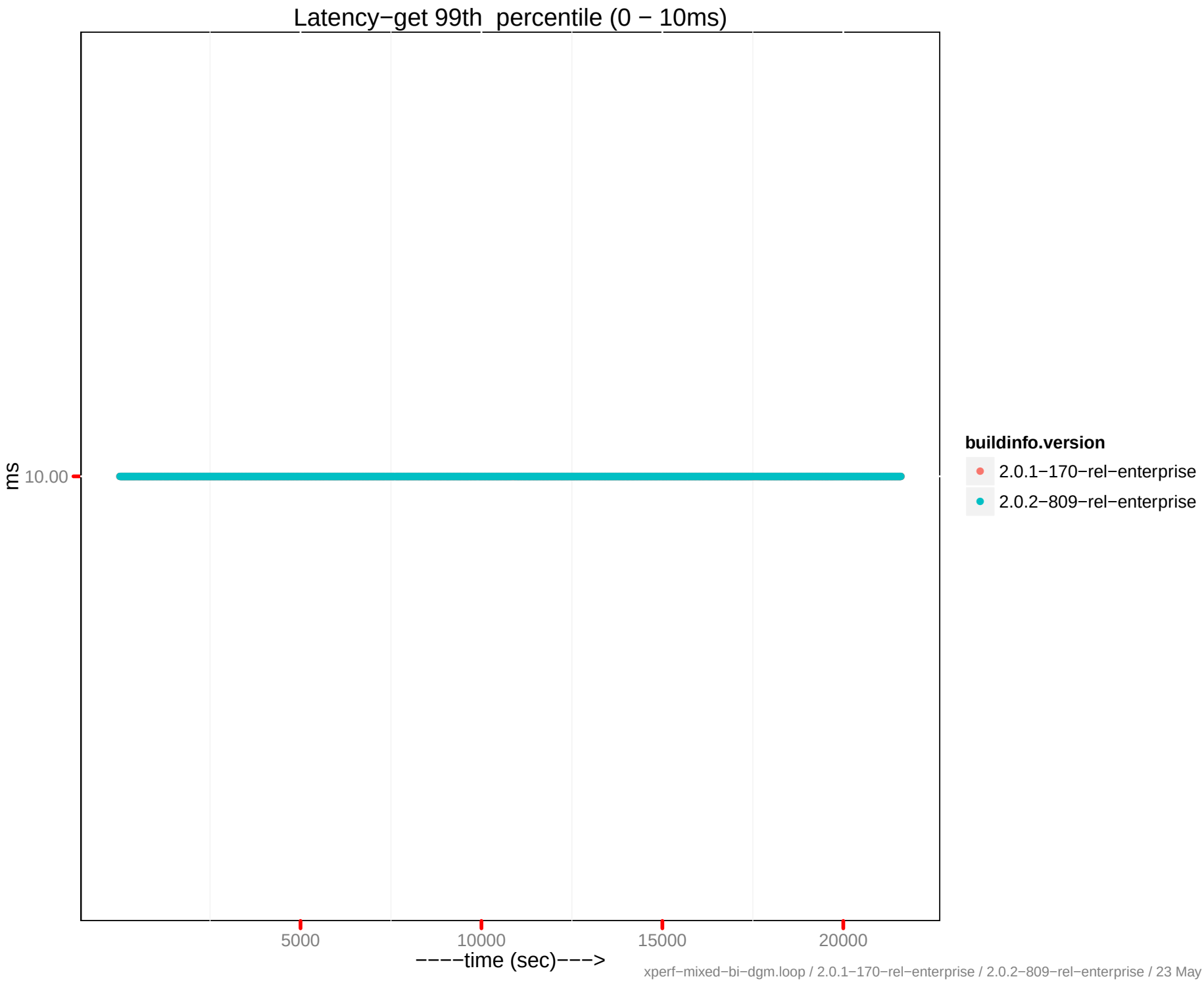

Latency−get 90th percentile
25.00
20.00
15.00
10.00
5.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

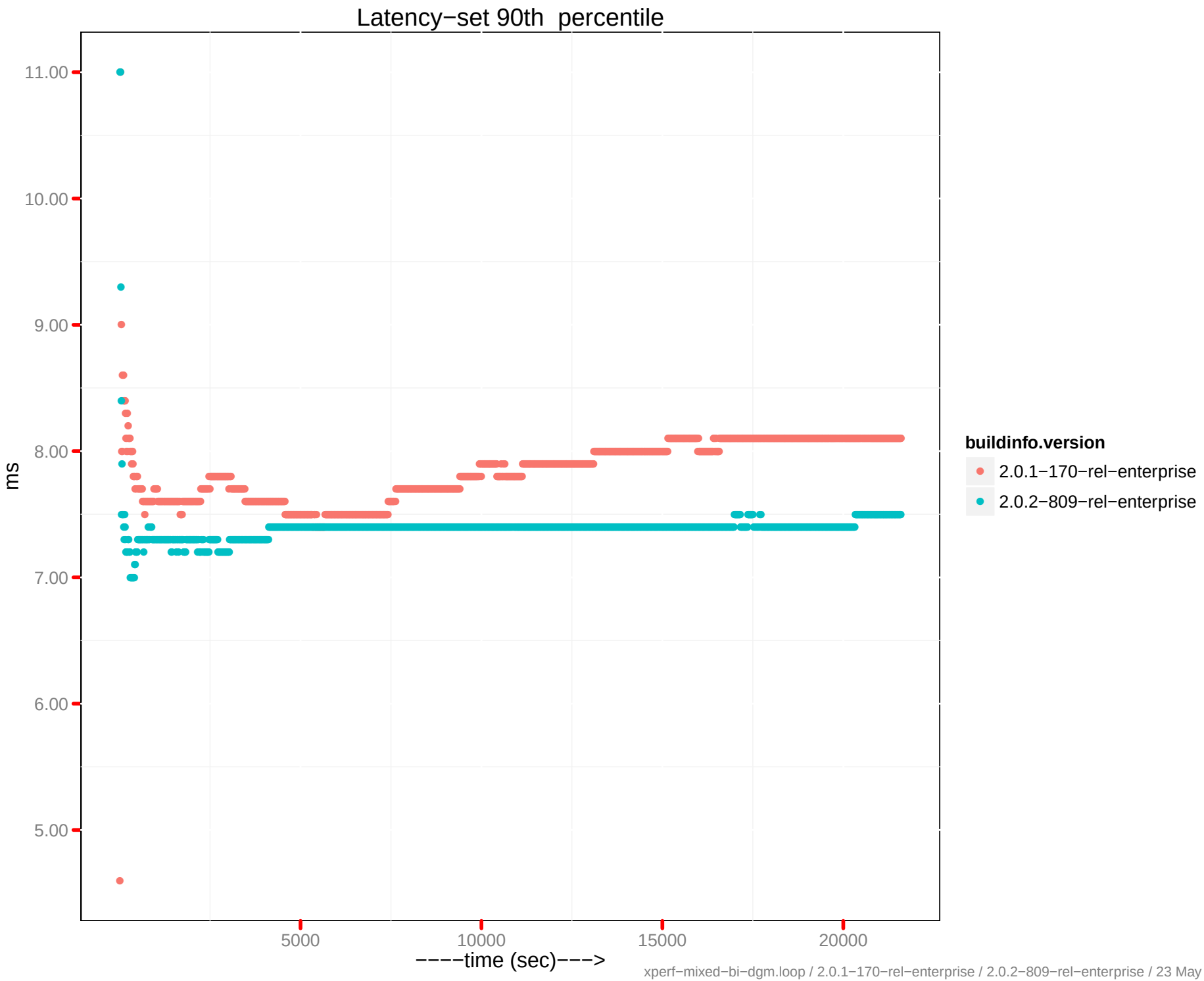

Latency−get 90th percentile (0 − 10ms)
10.00
9.00
8.00
7.00
6.00
5.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

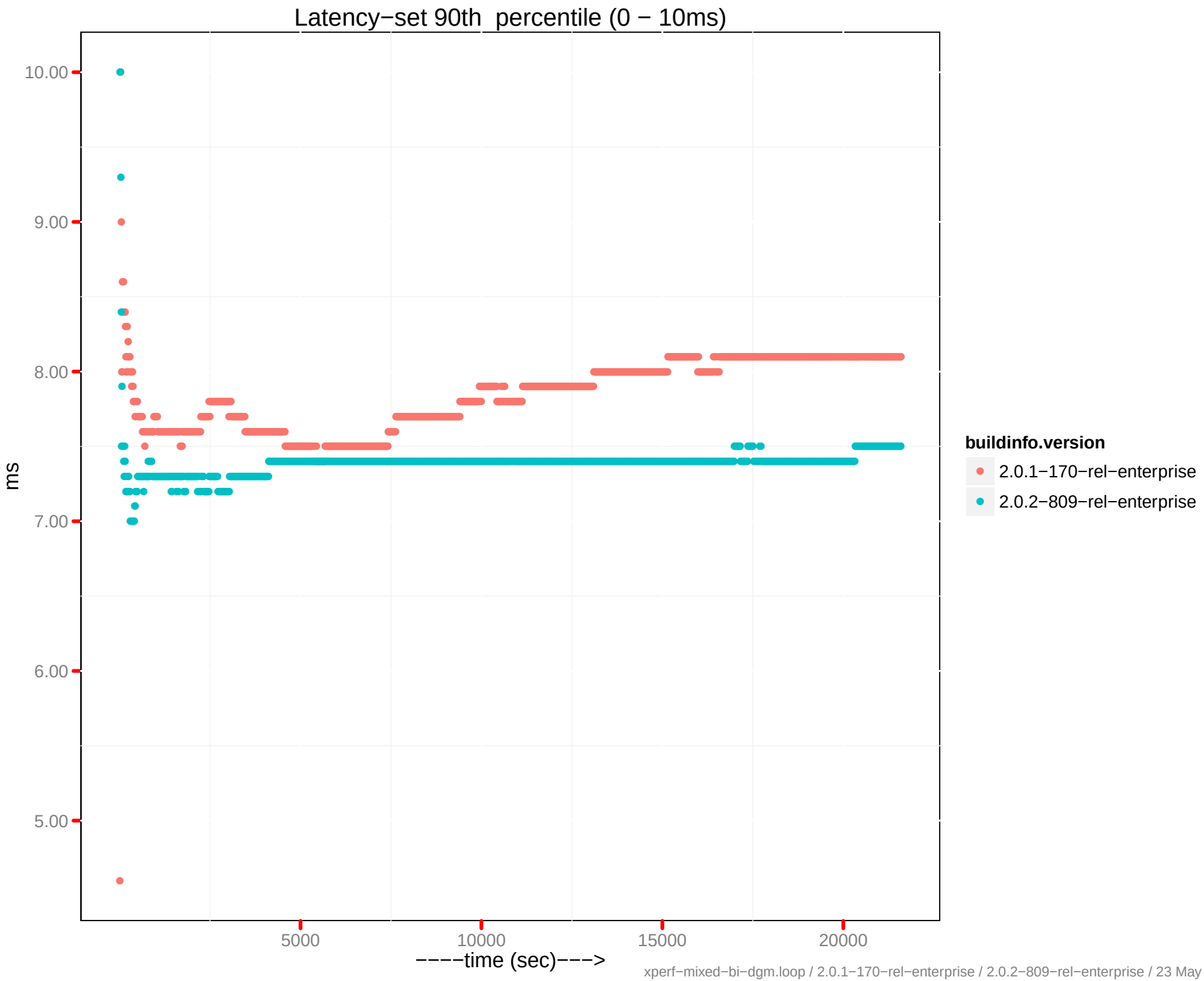

Latency−get 95th percentile
50.00
40.00
30.00
20.00
10.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

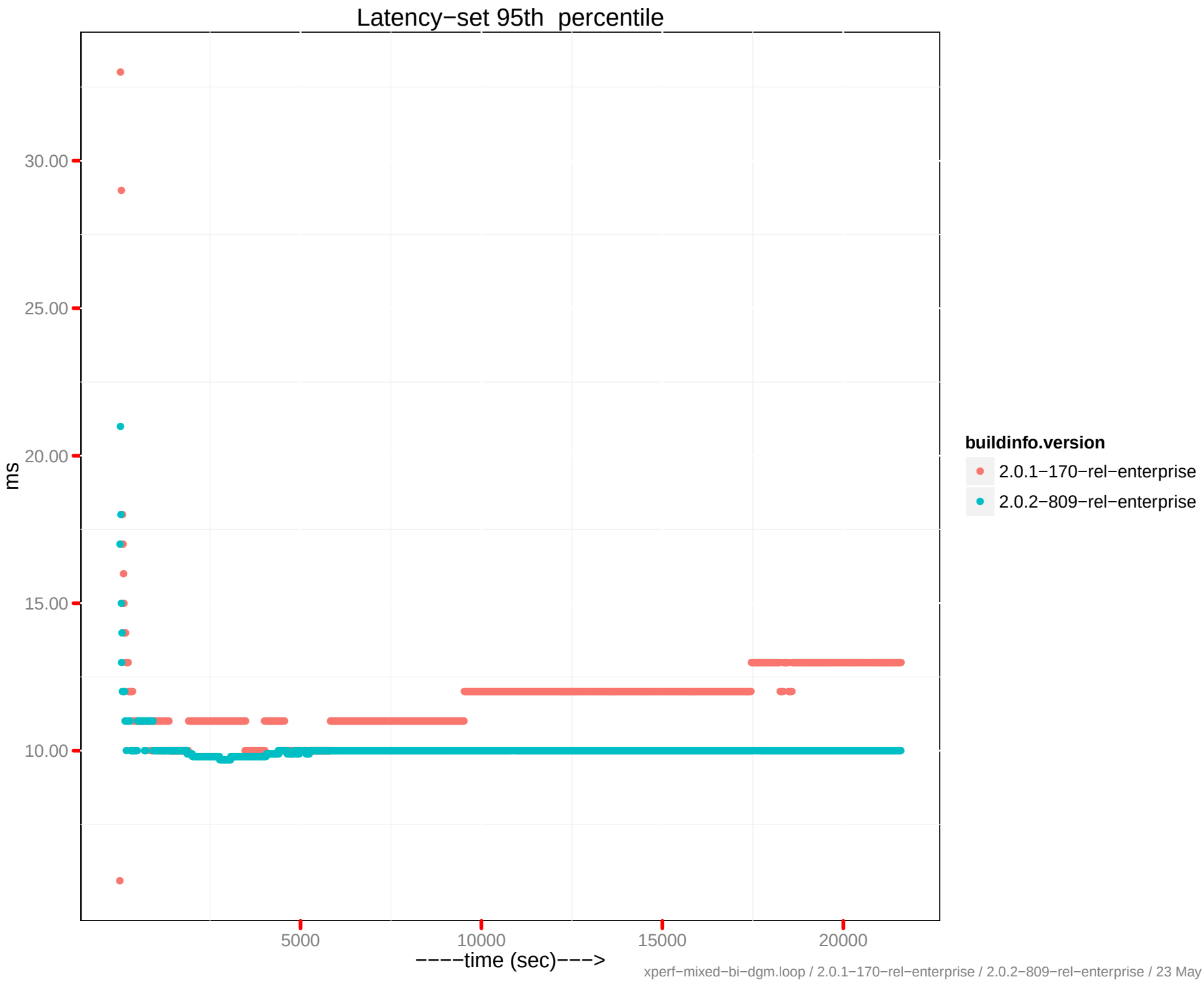

Latency−get 95th percentile (0 − 10ms)
10.00
9.00
8.00
7.00
6.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

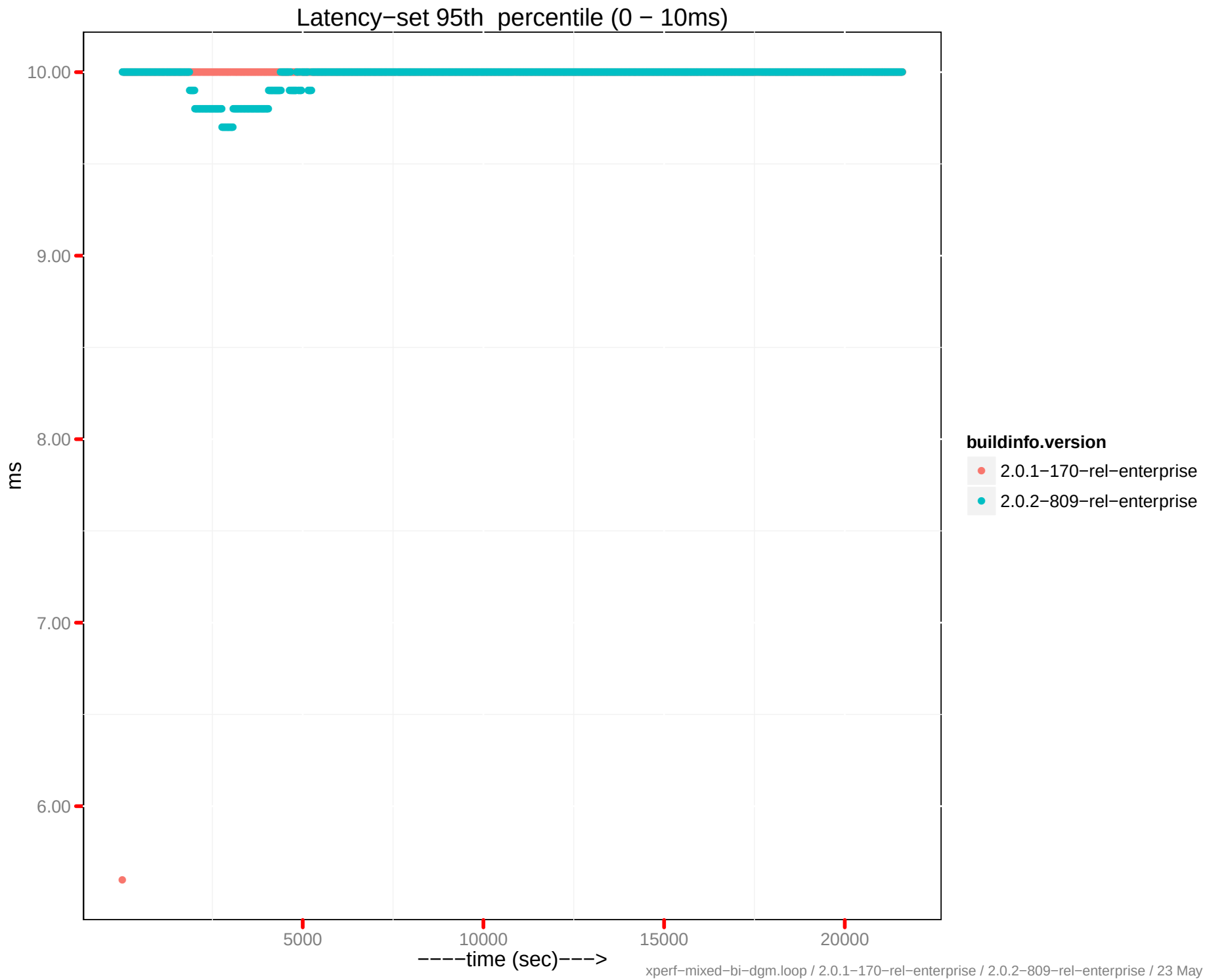

Latency−get 99th percentile
125.00
100.00
75.00
50.00
25.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

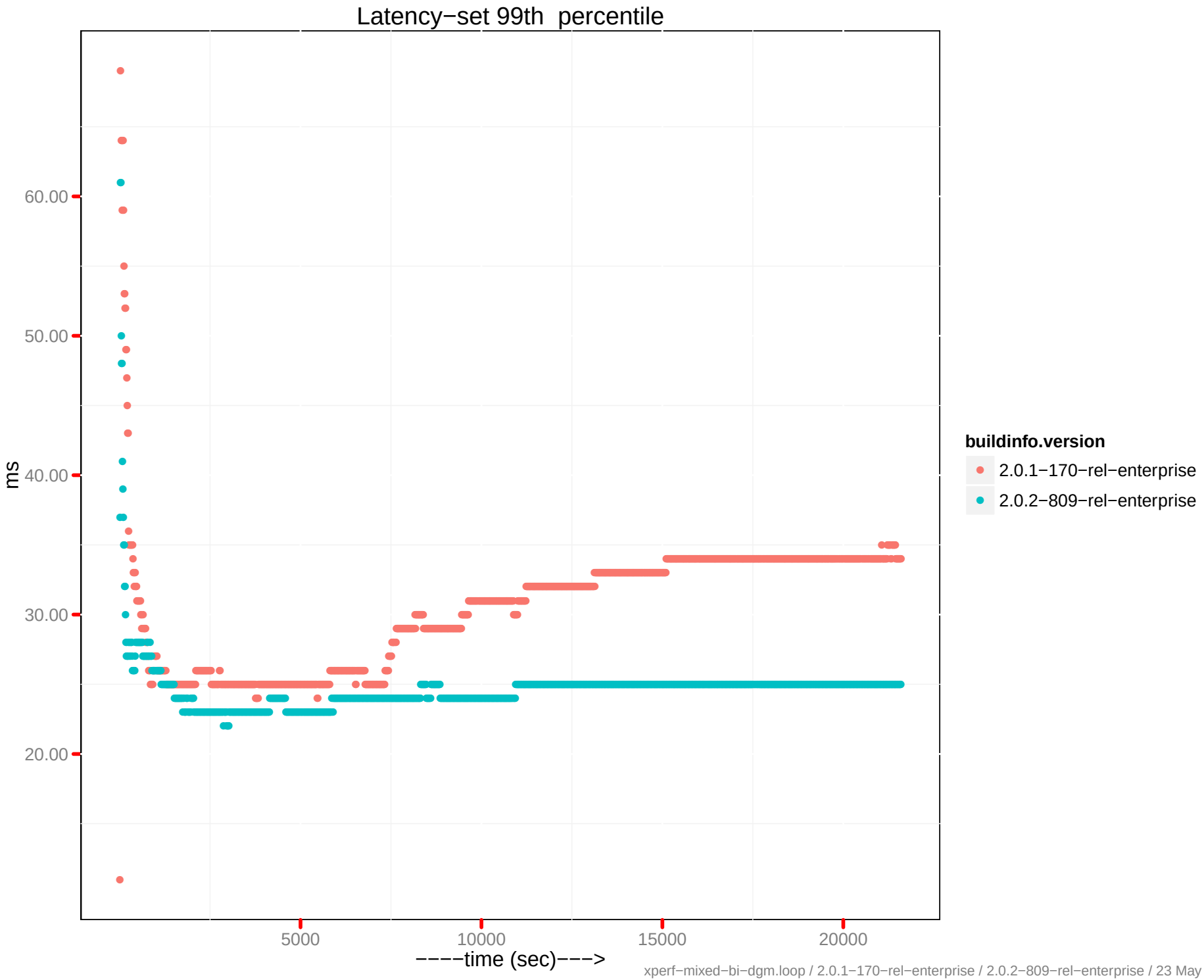

Latency−get 99th percentile (0 − 10ms)
ms
10.00
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

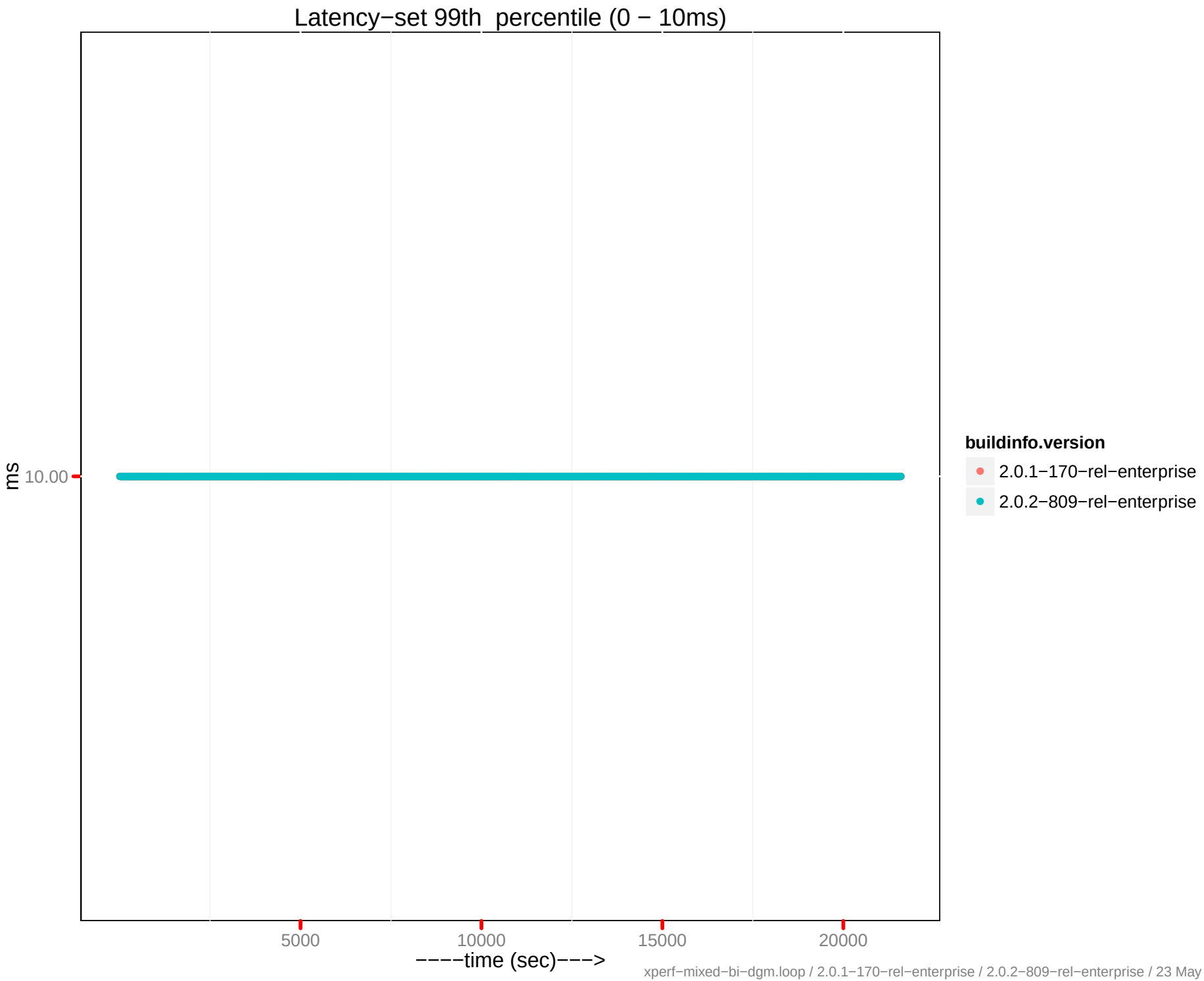

Latency−set 90th percentile
11.00
10.00
9.00
8.00
7.00
6.00
5.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013

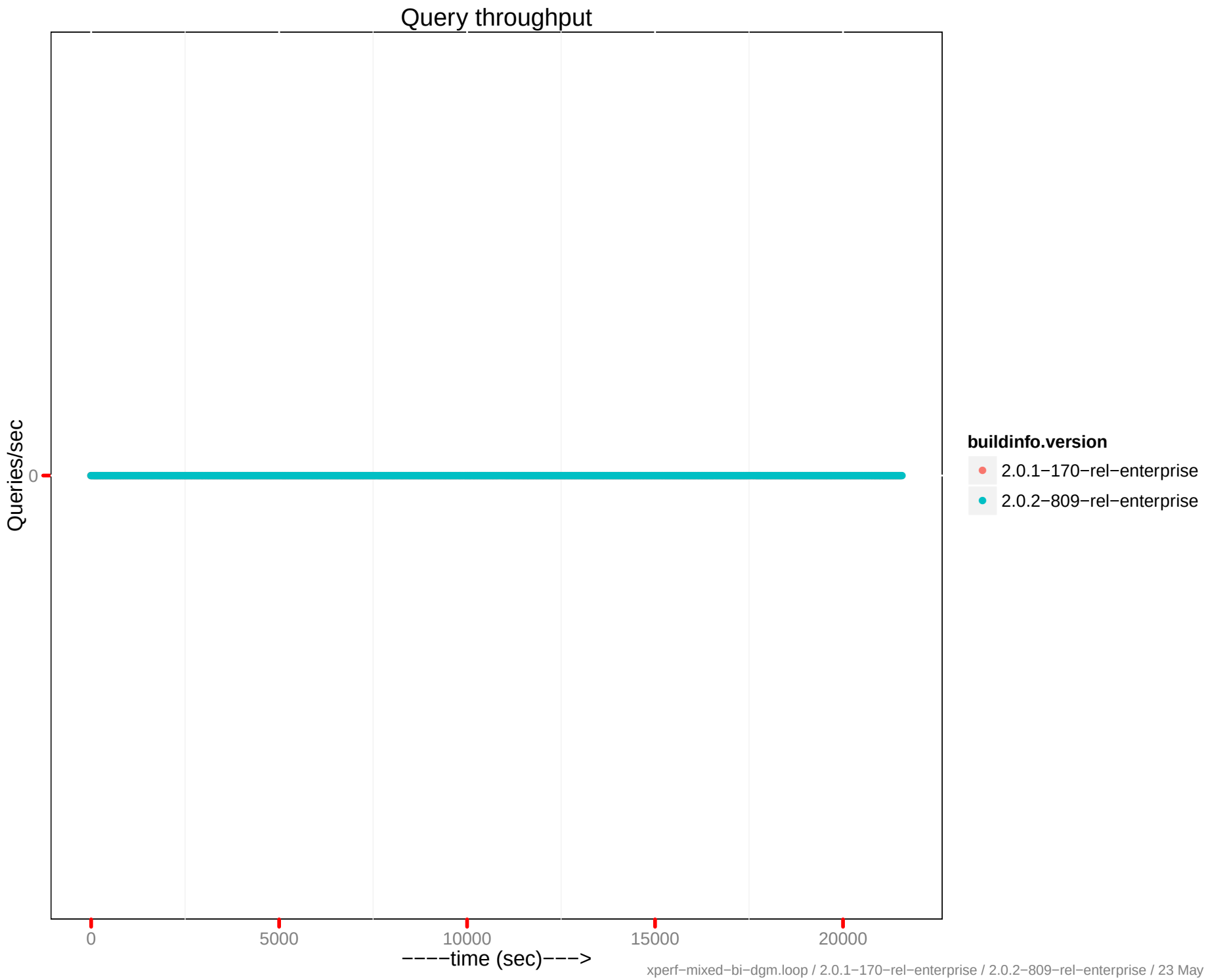

Latency−set 90th percentile (0 − 10ms)
10.00
9.00
8.00
7.00
6.00
5.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013


Latency−set 95th percentile
30.00
25.00
20.00
15.00
10.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013


Latency−set 95th percentile (0 − 10ms)
10.00
9.00
8.00
7.00
6.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013


Latency−set 99th percentile
60.00
50.00
40.00
30.00
20.00
ms
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013


Latency−set 99th percentile (0 − 10ms)
ms
10.00
5000
10000
15000
20000
−−−−time (sec)−−−>
buildinfo.version
2.0.1−170−rel−enterprise
2.0.2−809−rel−enterprise
xperf−mixed−bi−dgm.loop / 2.0.1−170−rel−enterprise / 2.0.2−809−rel−enterprise / 23 May 2013


Query throughput
Queries/sec
0
0
5000
10000
15000
20000
----time (sec)--->
buildinfo.version
2.0.1-170-rel-enterprise
2.0.2-809-rel-enterprise
xperf-mixed-bi-dgm.loop / 2.0.1-170-rel-enterprise / 2.0.2-809-rel-enterprise / 23 May 2013