```
-------------------------------------------------------------------------
      sjeng-L2-Big     Simulation Results
-------------------------------------------------------------------------

Number of reference types:
  Number of reads   =  1892411647  [18.92%]
  Number of writes  =   751653128  [7.52%]
  Number of inst    =  7355935225  [73.56%]
  Total             =  10000000000

Total cycles for all activities:
  Cycles for reads  =  8246650988  [21.86%]
  Cycles for writes =  8075076680  [21.41%]
  Cycles for inst   =  21396288609  [56.73%]
  Total time        =  37718016277

Average cycles per activity:
  Read  = 4.36
  Write = 10.74
  Inst  = 2.91
Ideal: Exec. Time = 17355935225; CPI = 2.36
Ideal mis-aligned: Exec. Time = 24792861569; CPI = 3.37

Memory level: L1i
  Hits   =  12325337739  [98.25%]
  Misses =   219027066  [1.75%]
  Total  =  12544364805
  Kickouts = 219026810, Dirty kickouts = 0, Transfers = 219027066

Memory level: L1d
  Hits   =  3258299627  [96.14%]
  Misses =   130955656  [3.86%]
  Total  =  3389255283
  Kickouts = 130955400, Dirty kickouts = 68155533, Transfers = 130955656

Memory level: L2
  Hits   =   345209116  [82.56%]
  Misses =    72929139  [17.44%]
  Total  =   418138255
  Kickouts = 72928115, Dirty kickouts = 25232504, Transfers = 72929139

Cost analysis:
  L1i cache cost = $400
  L1d cache cost = $400
  L2  cache cost = $50
  Memory cost    = $75
  Total cost     = $925
```