Chi-squared test for given probabilities with simulated p-value (based on 2000
        replicates)

data: x
X-squared = 251.31, df = NA, p-value = 0.0004998

    12   20   127
(3.34) (111.30) (44.36)
[22.47] [74.89] [153.95]
< 4.74> <-8.65>   <12.41>

key:
        observed
        (expected)
        [contribution to X-squared]
        <Pearson residual>