

Statistics	Blue Distribution (Entries: 237496)	Red Distribution (Entries: 229812)
Mean	1.697	2.63
Std Dev	2.489	2.617

Figure 1 shows the probability distribution of the number of entries in the cache. The x-axis represents the 'Number of entries' (0 to 40), and the y-axis represents the 'Probability' (log scale from 10^{-1} to 10^4). The distribution is unimodal and right-skewed. The blue line represents the distribution of all entries, with a mean of 14.84 and a standard deviation of 5.395. The red line represents the distribution of entries in the cache, with a mean of 12.9 and a standard deviation of 5.239. A horizontal line at $y=1$ is shown. A grey shaded region and a red cross with error bars are also present on the plot.