0.111192 <= -log10(Probability) < 0.488954
0.488954 <= -log10(Probability) < 0.866715
0.866715 <= -log10(Probability) < 1.24448
1.24448 <= -log10(Probability) < 1.62224
1.62224 <= -log10(Probability) <= 2
partition.pfs