0.112005 <= -log10(Probability) < 0.489604
0.489604 <= -log10(Probability) < 0.867203
0.867203 <= -log10(Probability) < 1.2448
1.2448 <= -log10(Probability) < 1.6224
1.6224 <= -log10(Probability) <= 2
partition.pfs