0.0596696 <= -log10(Probability) < 0.447736
0.447736 <= -log10(Probability) < 0.835802
0.835802 <= -log10(Probability) < 1.22387
1.22387 <= -log10(Probability) < 1.61193
1.61193 <= -log10(Probability) <= 2
partition.pfs