0.00721506 <= -log10(Probability) < 0.405772
0.405772 <= -log10(Probability) < 0.804329
0.804329 <= -log10(Probability) < 1.20289
1.20289 <= -log10(Probability) < 1.60144
1.60144 <= -log10(Probability) <= 2
partition.pfs