0.11708 <= -log10(Probability) < 0.493664
0.493664 <= -log10(Probability) < 0.870248
0.870248 <= -log10(Probability) < 1.24683
1.24683 <= -log10(Probability) < 1.62342
1.62342 <= -log10(Probability) <= 2
partition.pfs