0.00851005 <= -log10(Probability) < 0.406808
0.406808 <= -log10(Probability) < 0.805106
0.805106 <= -log10(Probability) < 1.2034
1.2034 <= -log10(Probability) < 1.6017
1.6017 <= -log10(Probability) <= 2
partition.pfs