0.114875 <= -log10(Probability) < 0.4919
0.4919 <= -log10(Probability) < 0.868925
0.868925 <= -log10(Probability) < 1.24595
1.24595 <= -log10(Probability) < 1.62298
1.62298 <= -log10(Probability) <= 2
partition.pfs