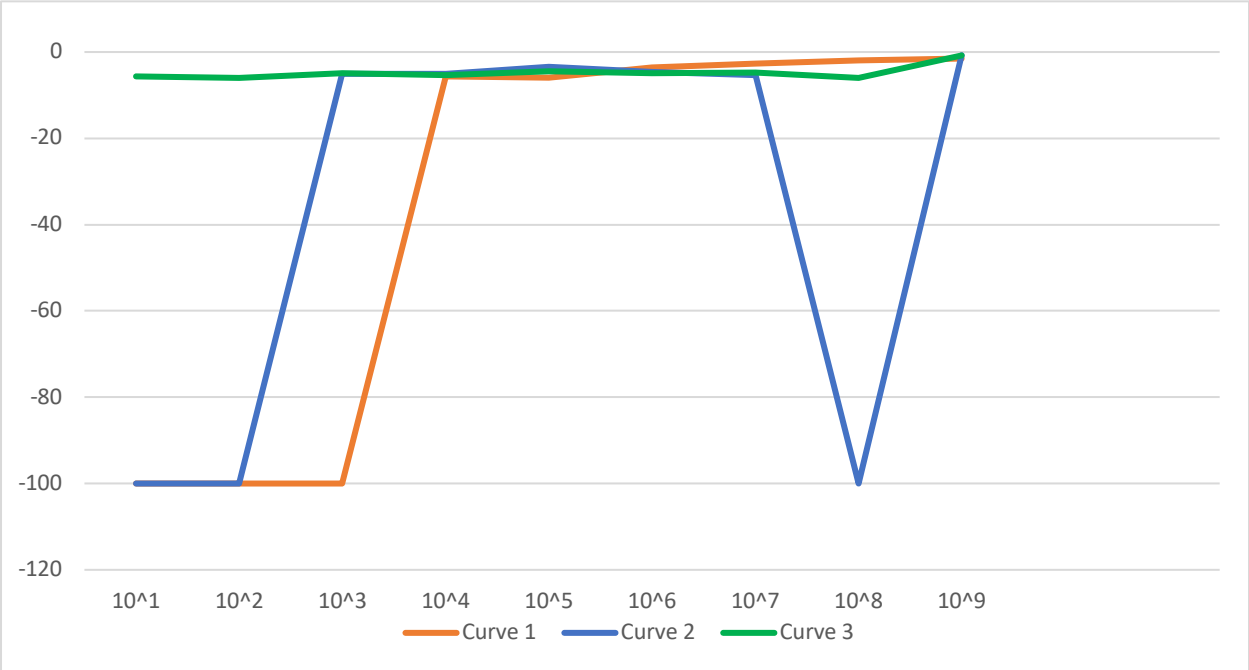
Log_{10} of Dot Product Error Table and Plot

P	Curve 1	Curve 2	Curve 3
10^1	-100	-100	-5.69897
10^2	-100	-100	-6
10^3	-100	-5.045757	-4.958607
10^4	-5.69897	-5.09691	-5.39794
10^5	-6	-3.365523	-4.431798
10^6	-3.619789	-4.657577	-4.958607
10^7	-2.629857	-5.39794	-4.769551
10^8	-1.941157	-100	-6
10^9	-1.512056	-0.744444	-0.792942



Sum of Matrix Diagonals and Non-Diagonals:

- First condtion: L1 and L2 = 1000, A = 1, B = 1, Ap = 135, Bp = 135
    - The total diagonal is: 1.000000
    - The total non-diagonal is: -1.000001
- Second condtion: L1 and L2 = 100000, A = 1, B = 1, Ap = 135, Bp = 135

    - The total diagonal is: 1.000016
    - The total non-diagonal is: -1.000183
- Third condition: L1 and L2 = 1000, A = 1, B = 2400, Ap = 45, Bp = 135
    - The total diagonal is: -0.000042
    - The total non-diagonal is: 0.000042
- Fourth condition: L1 and L2 = 100000, A = 1, B = 240000, Ap = 45, Bp = 135
    - The total diagonal is: -0.000005
    - The total non-diagonal is: -0.000008