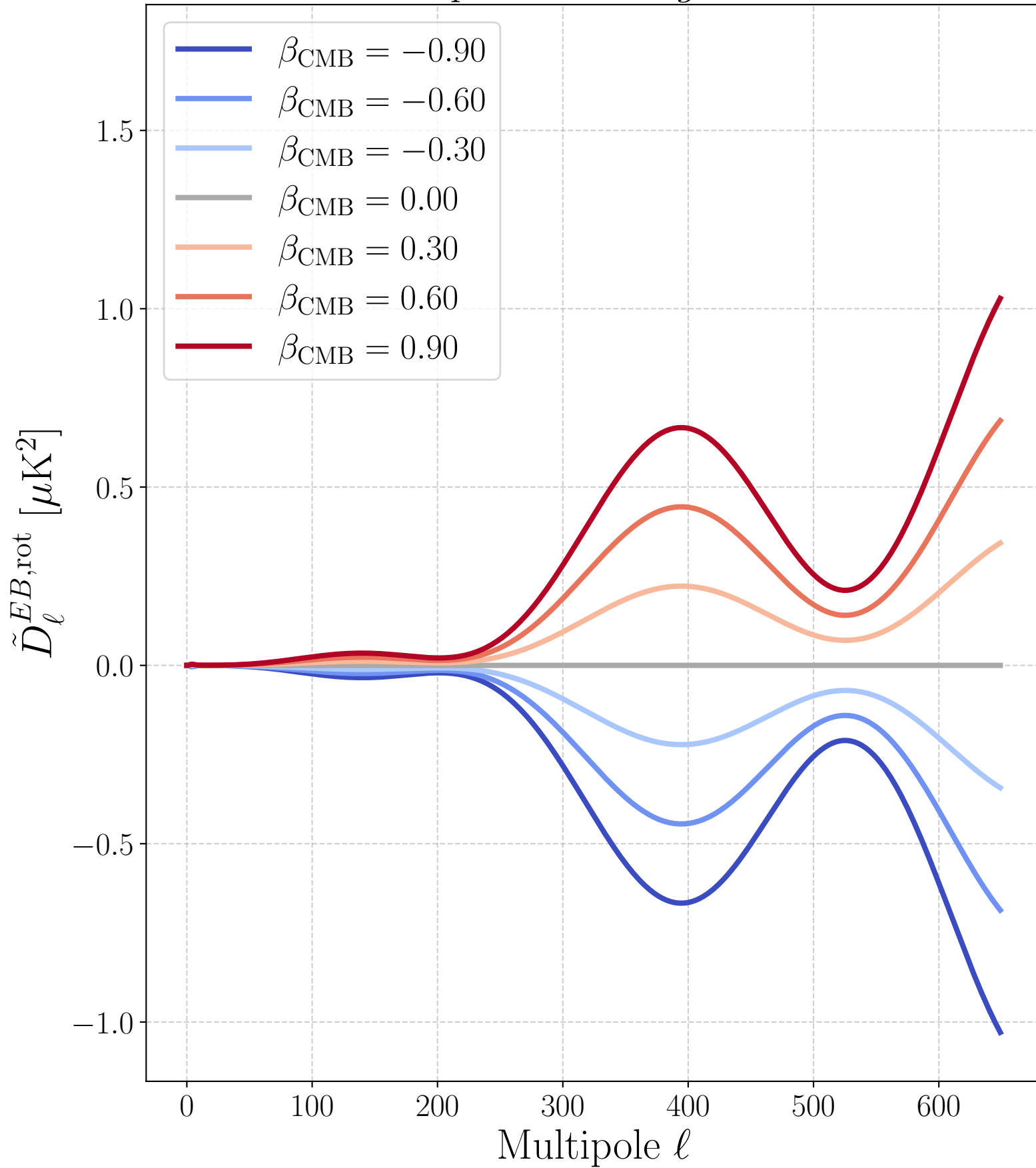


Input EB with $g = 0$ Input EB with $g = 1$ 