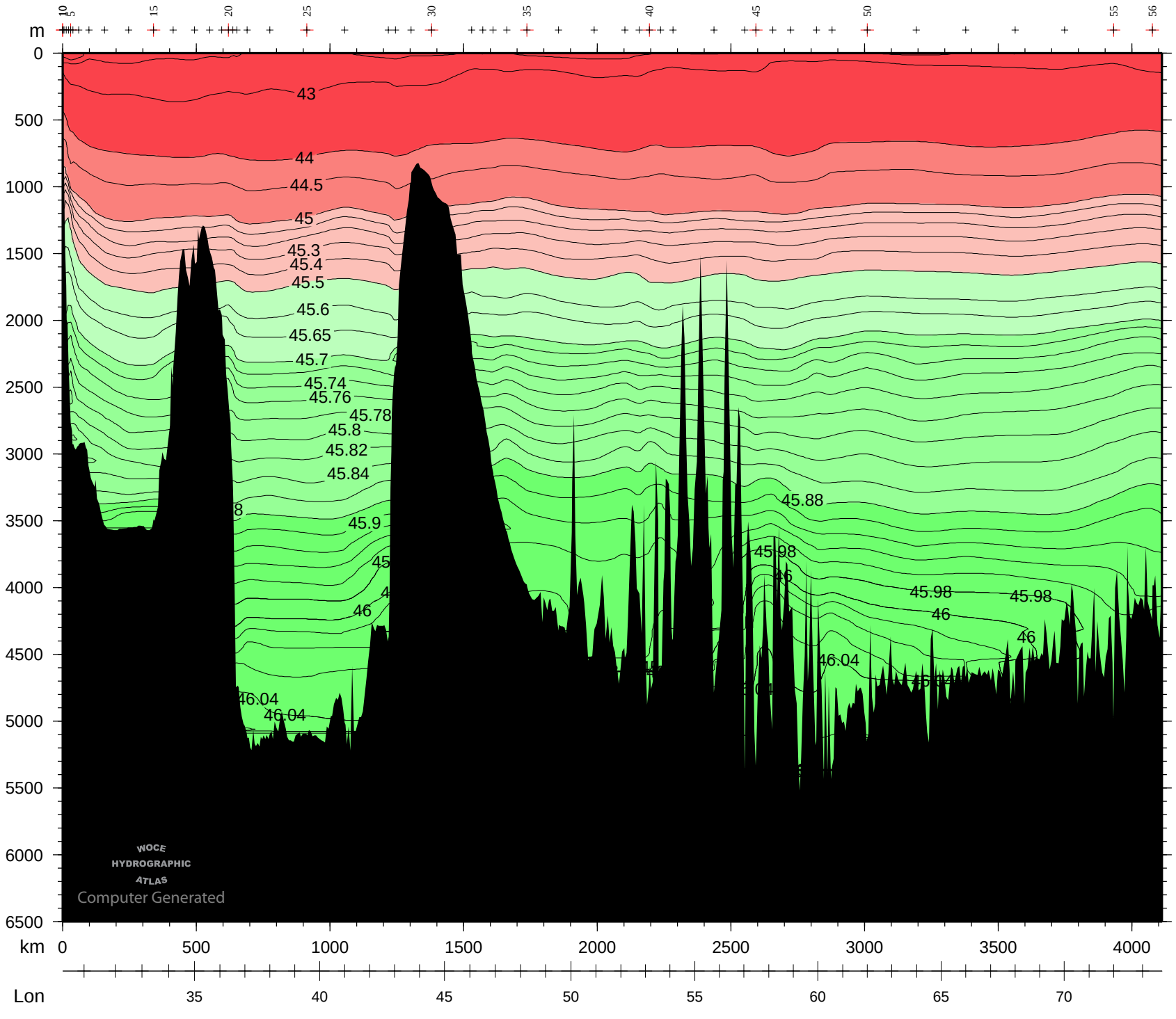σ_4 (kg/m^3) for I05P 33°S (500:1) - WEST