A plot of the scalar power spectrum, $\Delta^2_{\mathcal{R}}(k)$ vs. no of e-folds, N for k = 45. 10⁻⁴ $\Delta_{\mathcal{R}}^2(k) = \frac{k^3}{2\pi^2} \left(\frac{|v_k|}{a\phi'}\right)^2$ 10⁻⁵ 10⁻⁶ **Bunch-Davies Solution** 10⁻⁷ Scalar power spectrum, $\Delta^2_{\mathcal{R}}(k)$ 10⁻⁸ 10⁻⁹ 10⁻¹⁰ 10⁻¹¹ 10⁻¹² 10⁻¹³ 10⁻¹⁴ 10⁻¹⁵ 10⁻¹⁶ 10⁻¹⁷ 10⁻¹⁸ 20 30 40 50 60 70 80 10 No. of e-folds, N