A plot of the scalar power spectrum,  $\Delta^2_{\mathcal{R}}(k)$  vs. no of e-folds, N for k = 101641. 10<sup>-1</sup>  $\Delta^2_{\mathcal{R}}(k) = \frac{k^3}{2\pi^2} \left(\frac{|v_k|}{a\phi'}\right)^2$ 10<sup>-3</sup> **Bunch-Davies Solution** 10<sup>-5</sup> Scalar power spectrum,  $\Delta^2_{\mathcal{R}}(k)$ 10<sup>-7</sup> 10<sup>-9</sup> 10<sup>-11</sup> 10<sup>-13</sup> 10<sup>-15</sup> 10<sup>-17</sup> 20 30 60 40 50 70 80 10 No. of e-folds, N