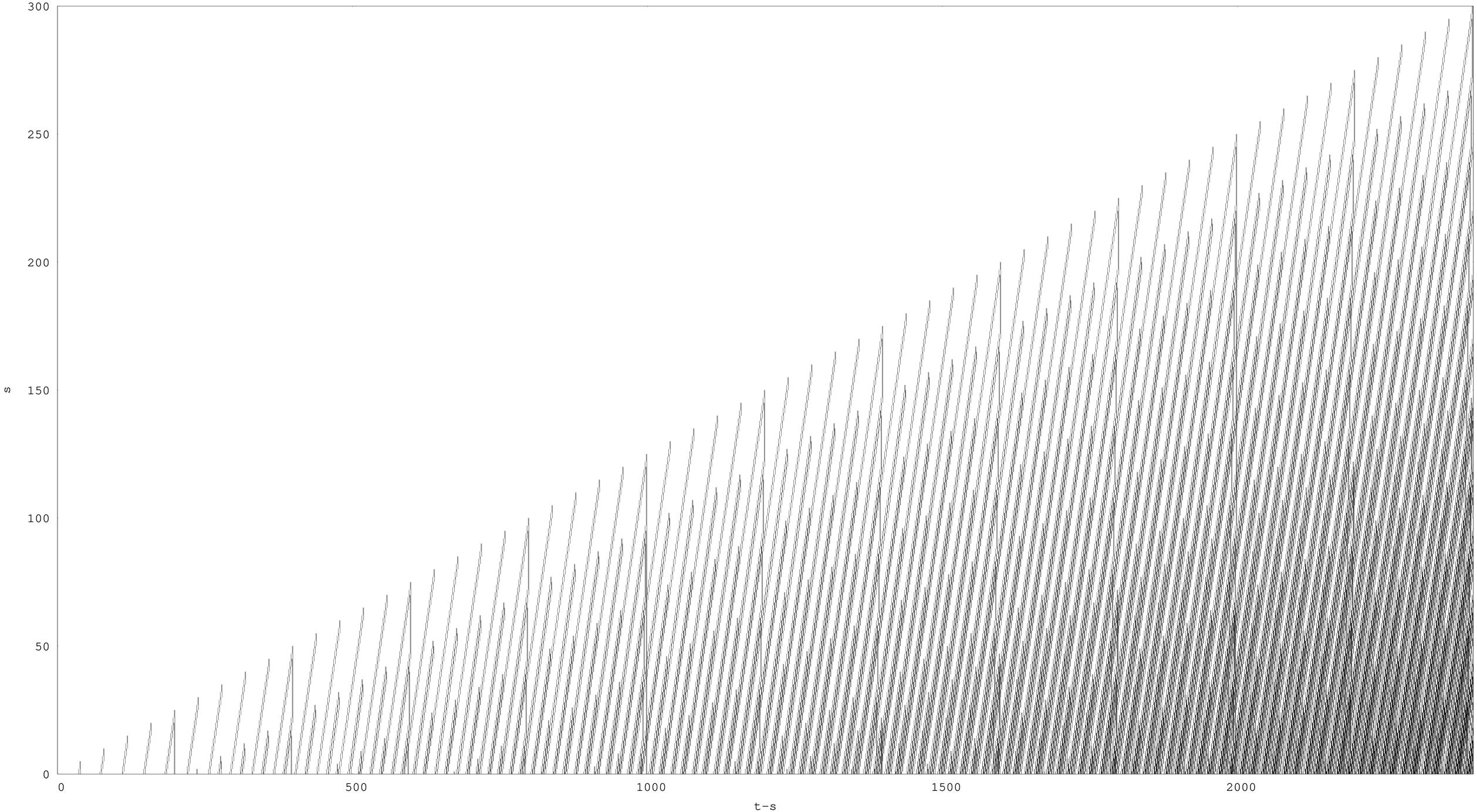E_2-page for the v_1-periodic sphere at p=5