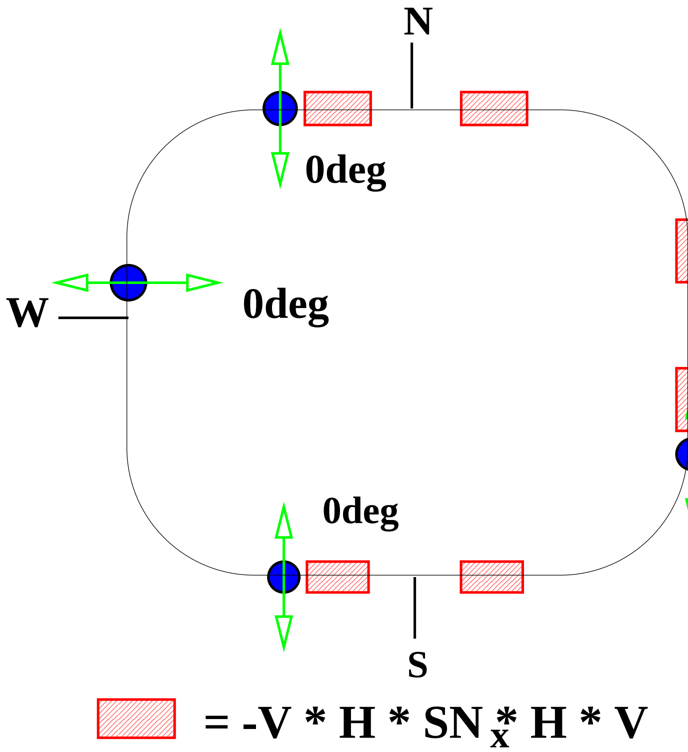
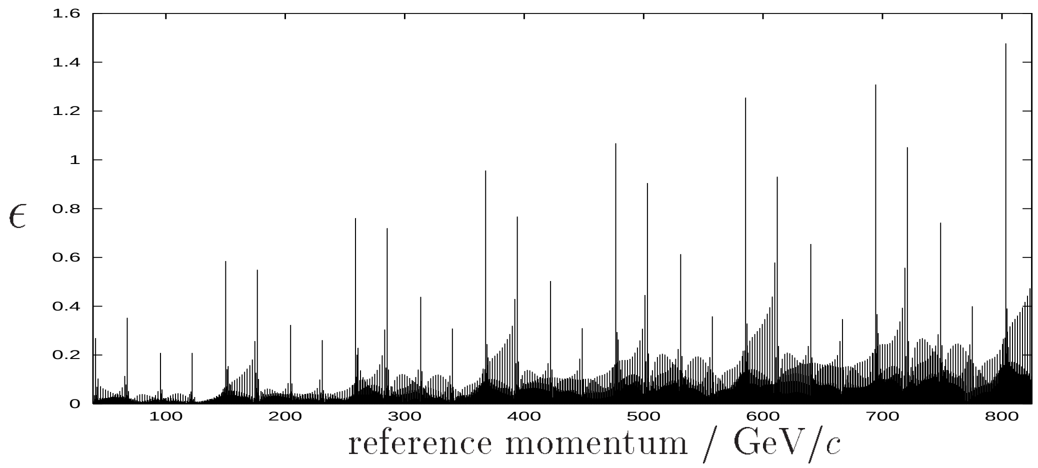
pendent and generally $\nu_o \neq G\gamma$. As a first step the vert
sections have to be compensated with radial 'flattening'
their symmetry points.

Sketch of HERA–$p$ with 6 vertical bend sections compensated with 'flattening snakes' and 4 additional Siberian Snakes. A longitudinal snake in straight section E and three radial snakes in S, W and N. **All calculations refer to this scheme.**




Even for a totally flat model of HERA–$p$ the resonances ar




The linear intrinsic resonance strengths for a flat mo
of HERA–$p$ and for a vertical emittance of 20 $\pi$ m
mrad which corresponds to about 2 $\sigma$ of the rms. be
size.