

ending the controversy over the contributions to heavy quark energy loss; the advantage there will come from lower multiplicities so that the drag regime will extend to higher momenta.

Finally we discuss heavy quark production radiation in Chapter 6. By including the influence of the away-side jet we find corrections to previously published Ter-Mikayelian effect results. This is also the first step in computing the photon radiation associated not only with $2 \rightarrow 2$ processes but also from momentum changes due to gluon bremsstrahlung.