

**Figure III-6.8**

a) The reconstructed di-jet mass distributions for the best jet-pairing in selected  $\nu_e \bar{\nu}_e WW$  (blue) and  $\nu_e \bar{\nu}_e ZZ$  (red) events at  $\sqrt{s} = 1\text{ TeV}$ . b) Distributions of the average reconstructed di-jet mass,  $(m_{ij} + m_{kl}^B)/2.0$ , for the best jet-pairing for  $\nu_e \bar{\nu}_e WW$  (blue) and  $\nu_e \bar{\nu}_e ZZ$  (red) events.

