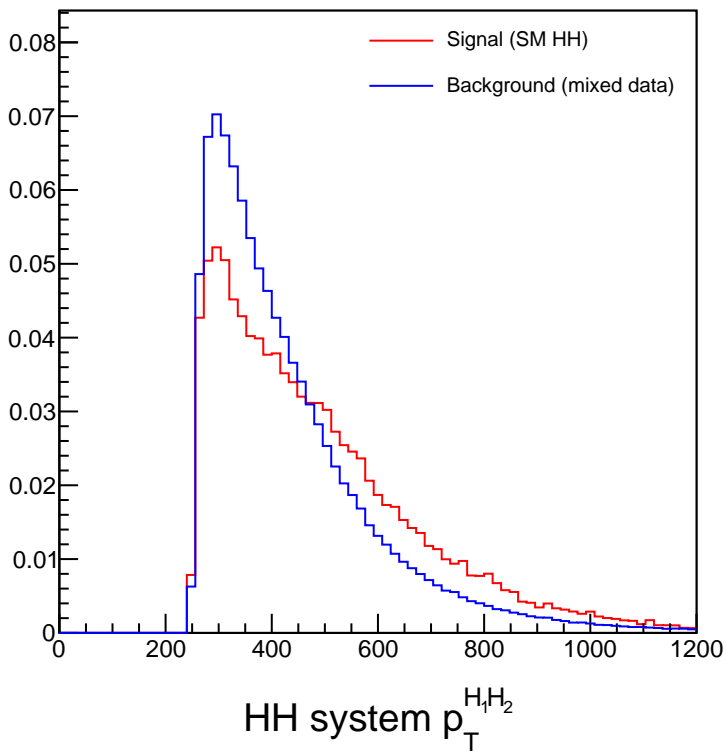


reduced mass M_X



inv. mass M_{HH}

