

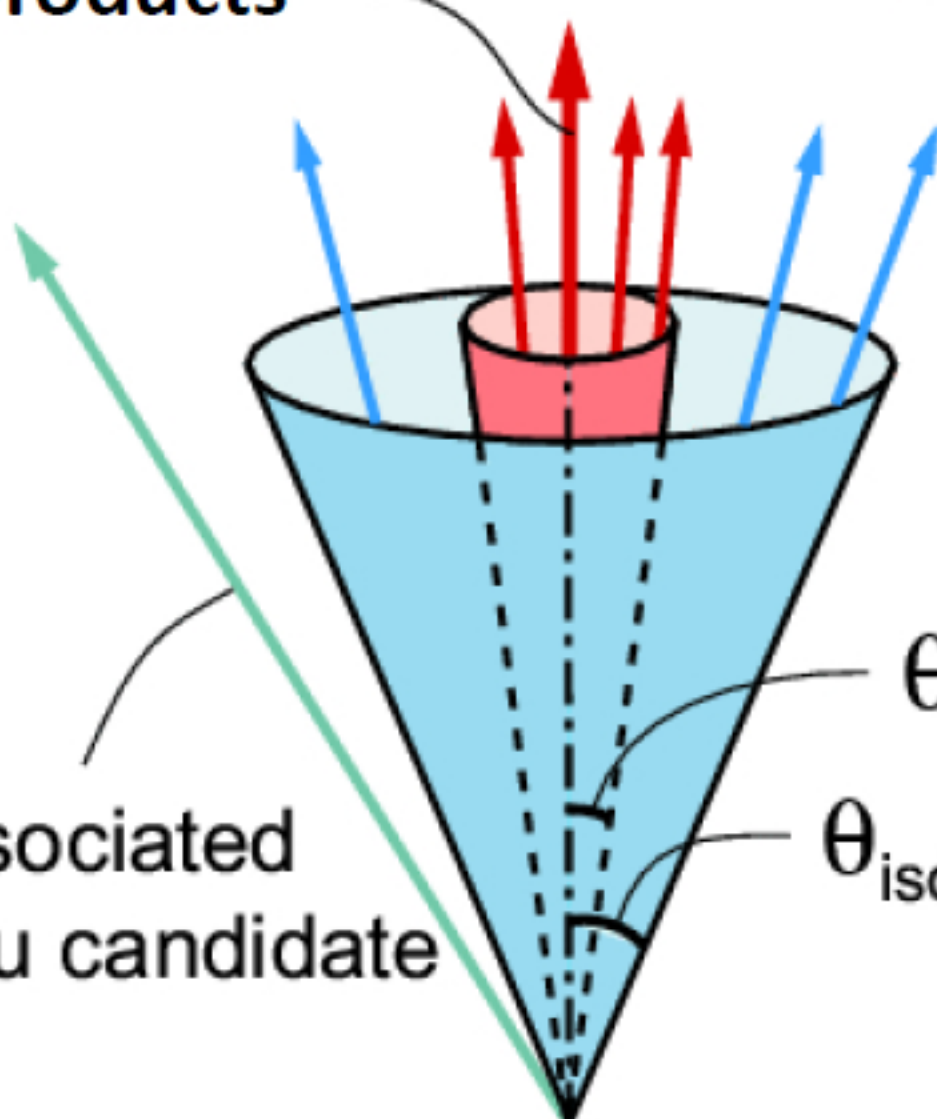
τ decay products

— signal
— isolation

not associated
with tau candidate

θ_{sig}

θ_{iso}



The diagram illustrates a tau decay cone. A large light blue cone represents the full decay region. Inside it, a smaller red cone represents the signal region. Red arrows (signal) point upwards from the red cone, while blue arrows (isolation) point upwards from the light blue cone. A green arrow points away from the cone, labeled 'not associated with tau candidate'. Dashed lines from the vertex define the angular regions θ_{sig} and θ_{iso} .