

Variable	Description
Light-quark jet $ \eta $	Absolute value of the pseudorapidity of the light-quark jet
Dijet mass	Invariant mass of the light-quark jet and the b-tagged jet associated to the top quark decay
Top quark mass	Invariant mass of the top quark reconstructed from the lepton, the neutrino and the b-tagged jet associated to the top quark decay
ΔR (lepton, b jet)	ΔR between the momentum vectors of the lepton and the b-tagged jet associated to the top quark decay
$\cos(\theta^*)$	Cosine of the angle between the lepton and the light-quark jet in the rest frame of the top quark
Jet p_T sum	Scalar sum of the transverse momentum of the light-quark jet and the b-tagged jet associated to the top quark decay
m_T^W	Transverse mass of the W boson
p_T^{miss}	Missing momentum in the transverse plane of the event
ΔR (light jet, b jet)	ΔR between the momentum vectors of the light-quark jet and the b-tagged jet associated to the top quark decay
Lepton $ \eta $	Absolute value of the pseudorapidity of the selected lepton
W boson $ \eta $	Absolute value of the pseudorapidity of the reconstructed W boson
Light-quark jet mass	Invariant mass of the light-quark jet