shape distributions - dijets - Pythia

Solid: SoftDrop ($\beta=2, z_{cut}=0.05$)
Dashed: mMDT ($z_{cut}=0.1$)
Dichroic: ρ_{mMDT}, $\tau_{2,SD}/\tau_{1,mMDT}$

$\tau_{21}^{(\beta=2)}$
$\tau_{21}^{(dichroic)}$
$D_2^{(\beta=2)}$

$p_t > 2$ TeV, $m = m_W$
parton level

$\sigma/v \; d\sigma/dv$

v

$\sqrt{s}=14$ Tev, Pythia8.230(Monash13), anti-k_t(R=1)