



- $t\bar{t} \mu_R \mu_F$  scale
- $t\bar{t} \mu_R$  scale
- $t\bar{t} \mu_F$  scale
- $t\bar{t}$  hdamp=3m<sub>top</sub>
- $t\bar{t}$  PS + had.
- $t\bar{t}$  NLO gen.
- $t\bar{t}$  ISR
- $t\bar{t}$  FSR
- $t\bar{t}Z \mu_R \mu_F$  scale
- $t\bar{t}Z \mu_R$  scale
- $t\bar{t}Z \mu_F$  scale
- $t\bar{t}Z$  XS
- $t\bar{t}Z$  NLO gen. + PS + had.
- $t\bar{t}Z$  ISR
- $t\bar{t}W \mu_R \mu_F$  scale
- $t\bar{t}W \mu_R$  scale
- $t\bar{t}W \mu_F$  scale
- $t\bar{t}W$  XS
- $t\bar{t}W$  NLO gen. + PS + had.
- $t\bar{t}H \mu_R \mu_F$  scale
- $t\bar{t}H \mu_R$  scale
- $t\bar{t}H \mu_F$  scale
- $t\bar{t}H$  XS
- $t\bar{t}H$  PS + had.
- $t\bar{t}H$  NLO gen.
- $t\bar{t}H$  ISR
- $t\bar{t}H$  FSR
- $tZq \mu_R \mu_F$  scale
- $tZq \mu_R$  scale
- $tZq \mu_F$  scale
- $tZq$  PS + had.
- $tZq$  ISR
- $tZq$  XS
- $tWZ \mu_R \mu_F$  scale
- $tWZ \mu_R$  scale
- $tWZ \mu_F$  scale
- $tWZ$  XS
- $tWZ$  (alt. DR)
- $tWH \mu_R \mu_F$  scale
- $tWH \mu_R$  scale
- $tWH \mu_F$  scale
- $tWH$  XS
- $tWH$  PS + had.
- $tHq \mu_R \mu_F$  scale
- $tHq \mu_R$  scale
- $tHq \mu_F$  scale
- $tHq$  PS + had.
- $tW \mu_R \mu_F$  scale
- $tW \mu_R$  scale
- $tW \mu_F$  scale
- $tW$  PS + had.
- $tW$  NLO gen.
- $tW$  (DR vs. DS)
- $tW$  XS
- $tW$  ISR
- $tW$  FSR
- Minor bkg. XS
- $Z$ +jets  $\mu_R \mu_F$  scale
- $Z$ +jets  $\mu_R$  scale
- $Z$ +jets  $\mu_F$  scale
- Diboson  $\mu_R \mu_F$  scale
- Diboson  $\mu_R$  scale
- Diboson  $\mu_F$  scale
- Diboson XS
- Diboson NLO gen. + PS + had.