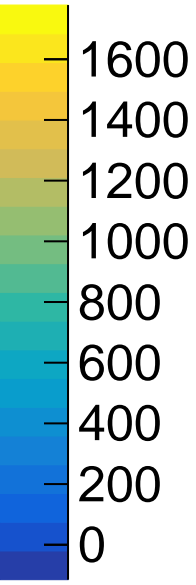
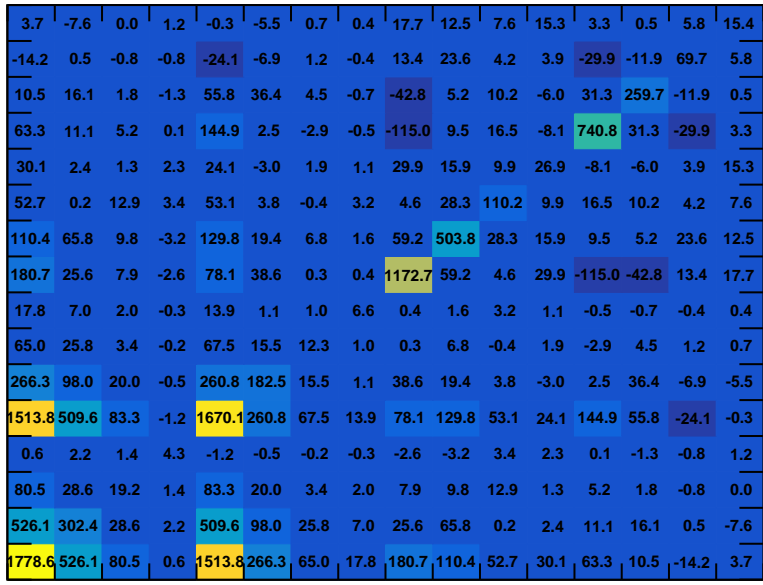


$\sigma_{xy}$

On-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} > 300$   
 On-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [225, 300]$   
 On-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [150, 225]$   
 On-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [100, 150]$   
 On-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} > 300$   
 On-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [225, 300]$   
 On-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [150, 225]$   
 On-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [100, 150]$   
 Off-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} > 300$   
 Off-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [225, 300]$   
 Off-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [150, 225]$   
 Off-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [100, 150]$   
 Off-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} > 300$   
 Off-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [225, 300]$   
 Off-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [150, 225]$   
 Off-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [100, 150]$



Off-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [100, 150]$   
 Off-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [150, 225]$   
 Off-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [225, 300]$   
 Off-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} > 300$   
 Off-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [100, 150]$   
 Off-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [150, 225]$   
 Off-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [225, 300]$   
 Off-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} > 300$   
 On-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [100, 150]$   
 On-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [150, 225]$   
 On-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} \in [225, 300]$   
 On-Z,  $n_j = 0$ ,  $p_T^{\text{miss}} > 300$   
 On-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [100, 150]$   
 On-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [150, 225]$   
 On-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} \in [225, 300]$   
 On-Z,  $n_j > 0$ ,  $p_T^{\text{miss}} > 300$