

Parameter	Value	Location in Eq. 7.3			Meaning	
		(a)	(b)	(c)		
$\kappa_\tau$	2.0	✓			$\tau_h$	
$\kappa_e$	0.4	✓	✓	✓	Emphasis on $e$ $\mu$ jet	separation
$\kappa_\mu$	1.0	✓	✓	✓		
$\kappa_{\text{jet}}$	0.6	✓	✓	✓		
$\kappa_F$	5.0			✓	Emphasis on high $\tau_h$ efficiency	
$\gamma_e$	2.0			✓	$e$	
$\gamma_\mu$	2.0			✓	Focus on jet	separation
$\gamma_{\text{jet}}$	0.5			✓		
$\gamma_{\text{cmb}}$	2.0		✓		$e, \mu, \text{jet}$	
$\omega_\alpha$	varying	✓			Sample normalization	