$$R_{\text{jet}}^{p_T} = \frac{p_T^{\text{jet}}}{p_T^{\gamma, Z}},$$

$$R_{\text{jet}}^{\text{MPF}} = 1 + \frac{\vec{E}_{T,\text{miss}} \cdot \vec{p}_T^{\gamma, Z}}{(p_T^{\gamma, Z})^2}$$