

| | | δM_t^{2D} | δJSF^{2D} | δM_t^{1D} | δM_t^{hyb} | δM_t^{MAOS} |
|-----------------------------|---|-------------------|--------------------------|-------------------|---------------------------|----------------------------|
| | | [GeV] | | [GeV] | [GeV] | [GeV] |
| JES (total) | ⊗ | +0.06 −0.10 | +0.007 −0.006 | +0.54 −0.55 | +0.43 −0.46 | +0.65 −0.70 |
| – In situ | | +0.04 −0.04 | −0.002 +0.003 | −0.22 +0.21 | −0.18 +0.17 | −0.28 +0.24 |
| – Intercalibration | | −0.01 +0.01 | <0.001 <0.001 | −0.04 +0.03 | −0.03 +0.03 | −0.04 +0.04 |
| – Uncorrelated | | +0.04 −0.04 | −0.005 +0.005 | −0.39 +0.39 | −0.32 +0.31 | −0.47 +0.47 |
| – Flavor | | +0.02 −0.09 | +0.004 −0.003 | +0.31 −0.32 | +0.25 −0.27 | +0.39 −0.43 |
| b quark frag. (total) | ⊗ | +0.39 −0.39 | +0.001 −0.001 | +0.40 −0.40 | +0.40 −0.40 | +0.67 −0.67 |
| – Frag. function | | +0.38 −0.38 | <0.001 <0.001 | +0.38 −0.38 | +0.38 −0.38 | +0.64 −0.64 |
| – Branching fraction | | +0.07 −0.07 | +0.001 −0.001 | +0.13 −0.13 | +0.12 −0.12 | +0.20 −0.20 |
| JER | | −0.03 +0.08 | +0.001 −0.002 | +0.01 −0.05 | <0.00 −0.03 | +0.04 −0.04 |
| Unclustered energy | | +0.10 −0.10 | +0.001 −0.001 | −0.02 +0.02 | −0.04 +0.01 | −0.11 +0.12 |
| Pileup | | −0.06 +0.04 | <0.001 <0.001 | −0.06 +0.05 | −0.06 +0.05 | −0.06 +0.05 |
| Electron energy scale | | −0.38 +0.39 | +0.002 −0.003 | −0.21 +0.21 | −0.24 +0.24 | −0.02 +0.05 |
| Muon momentum scale | | −0.11 +0.09 | +0.001 <0.001 | −0.06 +0.05 | −0.07 +0.06 | <0.01 +0.01 |
| Electron Id/Iso | | +0.07 −0.02 | −0.001 <0.001 | +0.03 −0.01 | +0.03 −0.01 | +0.01 <0.01 |
| Muon Id/Iso | | <0.01 <0.01 | <0.001 <0.001 | <0.01 <0.01 | <0.01 <0.01 | <0.01 <0.01 |
| b tagging | | +0.03 −0.03 | <0.001 −0.001 | −0.01 +0.01 | <0.01 <0.01 | <0.01 <0.01 |
| Top quark p_T reweighting | ⊗ | +0.93 | −0.007 | +0.40 | +0.51 | +0.72 |
| Hard scattering scale | ⊗ | −0.36 +0.20 | +0.007 −0.003 | +0.31 −0.49 | +0.21 −0.47 | +0.33 −0.08 |
| Matching scale | ⊗ | −0.86 +0.30 | −0.004 +0.008 | −0.25 +0.11 | −0.37 +0.12 | +0.12 −0.12 |
| Underlying event tunes | ⊗ | +0.56 −0.56 | +0.007 −0.007 | +0.08 −0.08 | +0.11 −0.11 | +0.09 −0.09 |
| Color reconnection | | +0.06 −0.06 | +0.001 −0.001 | +0.15 −0.15 | +0.13 −0.13 | +0.16 −0.16 |
| ME Generator | | +0.18 −0.18 | −0.004 +0.002 | −0.19 +0.07 | −0.13 +0.07 | +0.11 −0.07 |
| PDFs | | +0.14 −0.14 | +0.001 −0.001 | +0.17 −0.16 | +0.17 −0.15 | +0.17 −0.16 |
| Total | | +1.31 −1.25 | +0.015 −0.014 | +0.91 −0.95 | +0.89 −0.93 | +1.27 −1.02 |