

| $m_{\ell\ell}$ | Category | Best fit function |
|--------------------|----------------|------------------------|
| $< 50 \text{ GeV}$ | EB, high R_9 | Bernstein of order 4 |
| | EB, low R_9 | Bernstein of order 4 |
| | EE | Bernstein of order 4 |
| | Dijet tag | Exponential of order 2 |
| $> 50 \text{ GeV}$ | Lepton tag | Power law of order 1 |
| | Dijet tag | Power law of order 1 |
| | Boosted | Bernstein of order 3 |
| | Untagged 1 | Bernstein of order 4 |
| | Untagged 2 | Bernstein of order 5 |
| | Untagged 3 | Bernstein of order 4 |
| | Untagged 4 | Bernstein of order 4 |