

中國科學院為能物別研究所 Institute of High Energy Physics Chinese Academy of Sciences

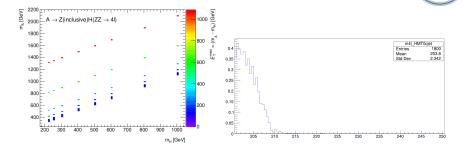


Weekly update

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$4\ell + E_{\rm T}^{\rm miss}$ analysis



- □ Interpolating the AZH plateau signal was a bit tricky. In total, we have 72 mass point generated.
- □ No function to describe the signal shape, as the shape vary significantly from mass point to another.
- $\hfill\square$ In addition, each category has a different shape in the same mass point.
- $\hfill\square$ To fix this problem, we do interpolation twice:
 - Fix the energy gap and interpolate the m_A ; and (711 mass points)
 - Fix the energy gape and interpolate the m_H for the second time (7.9k mass points).