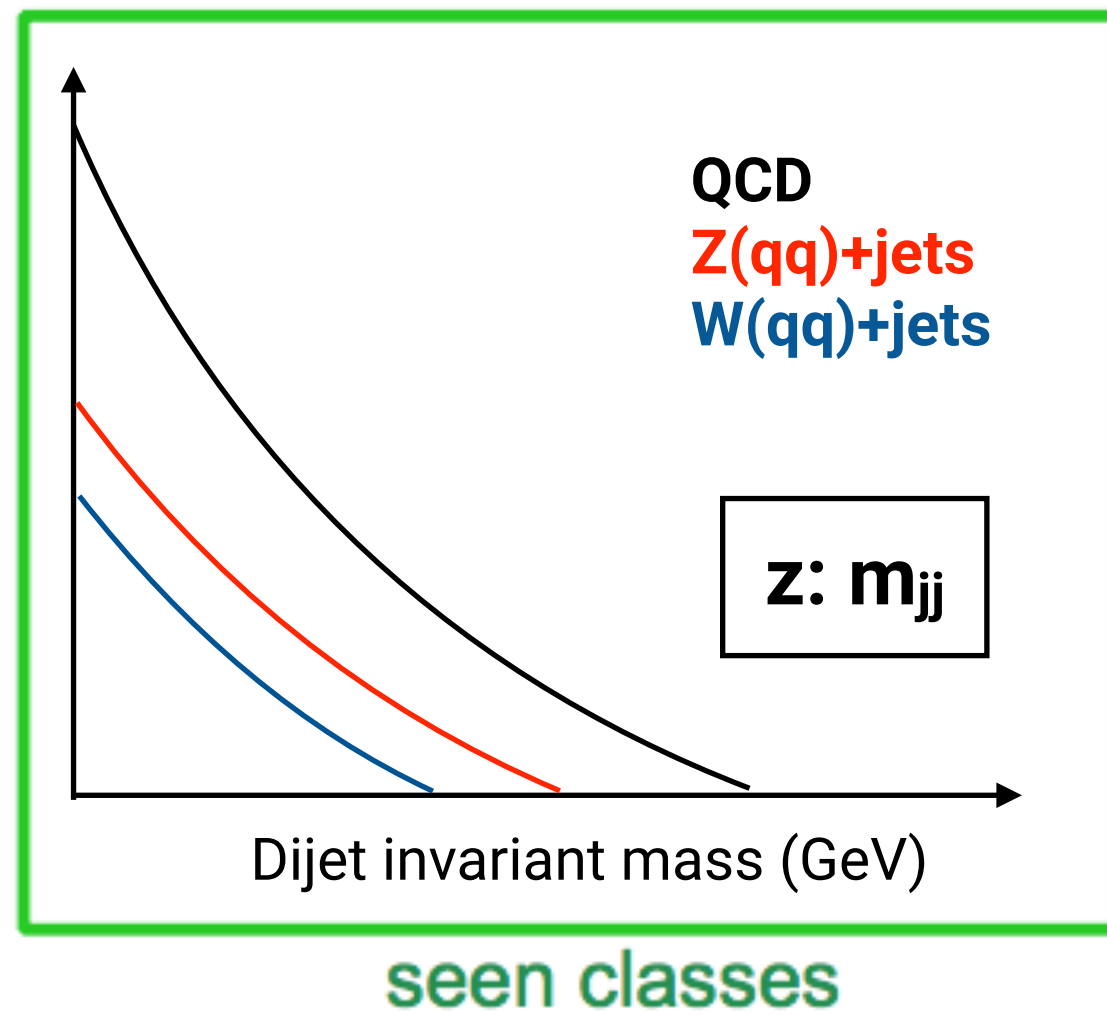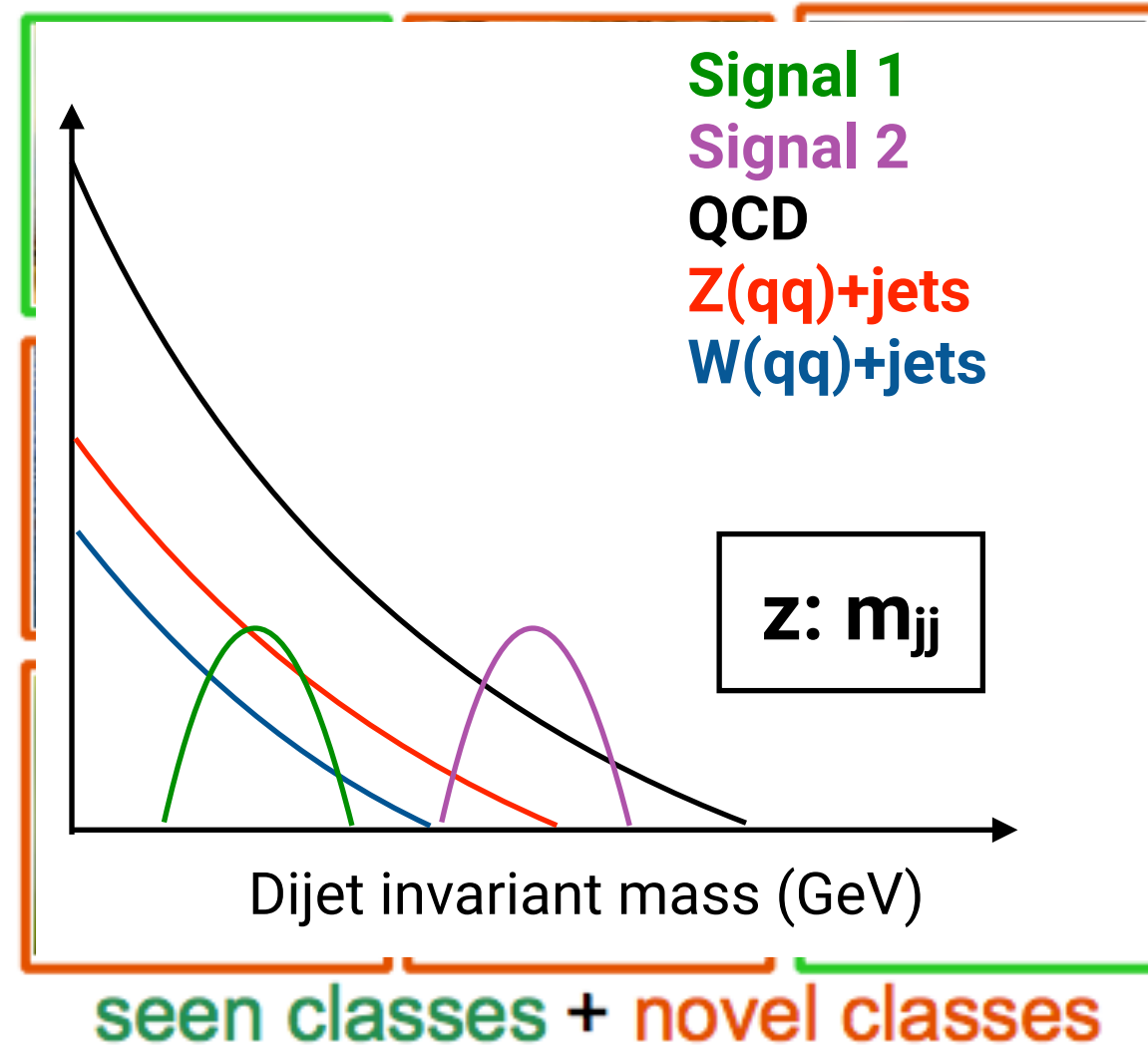# Real-time Open World Learning for New Physics Discovery