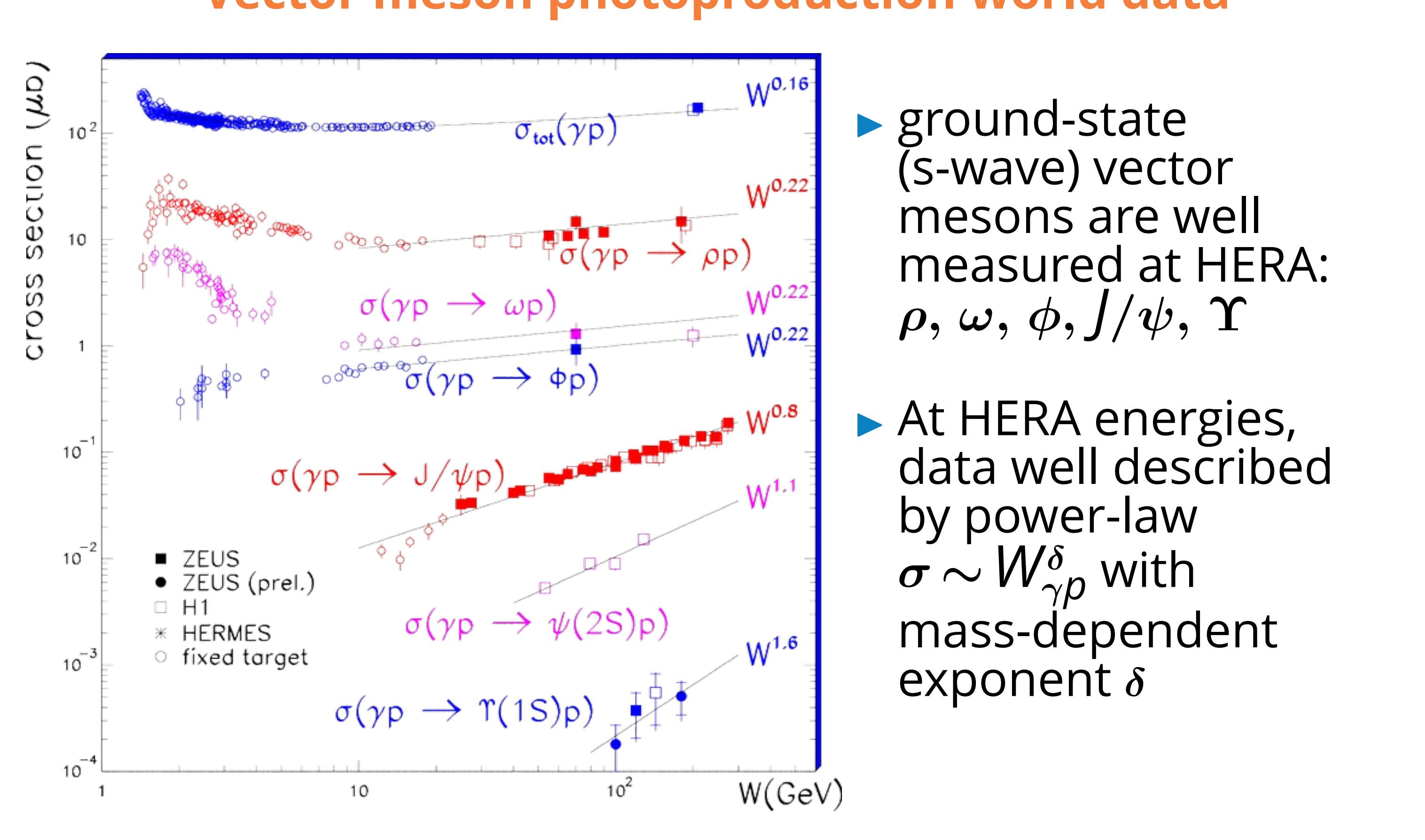
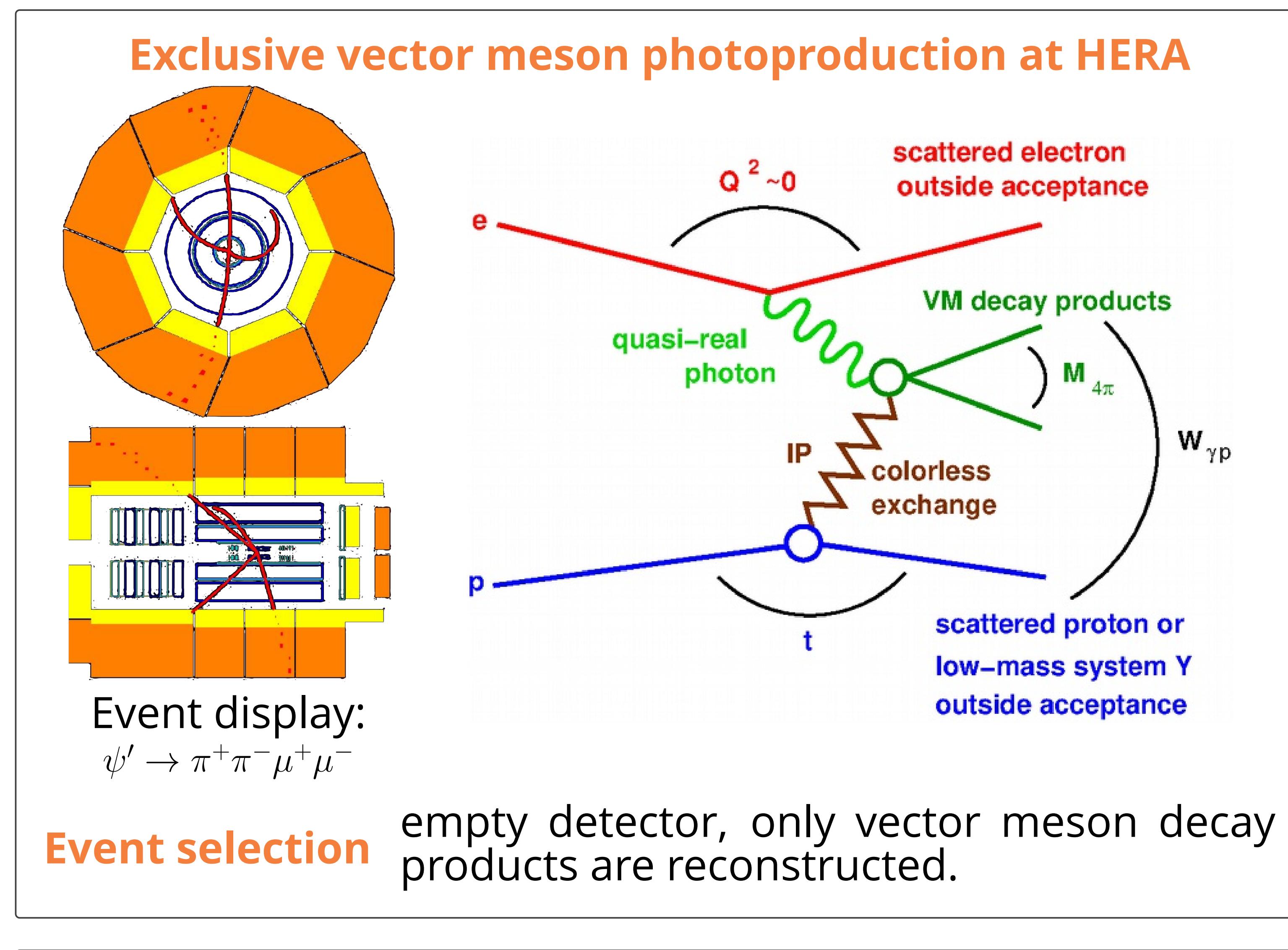
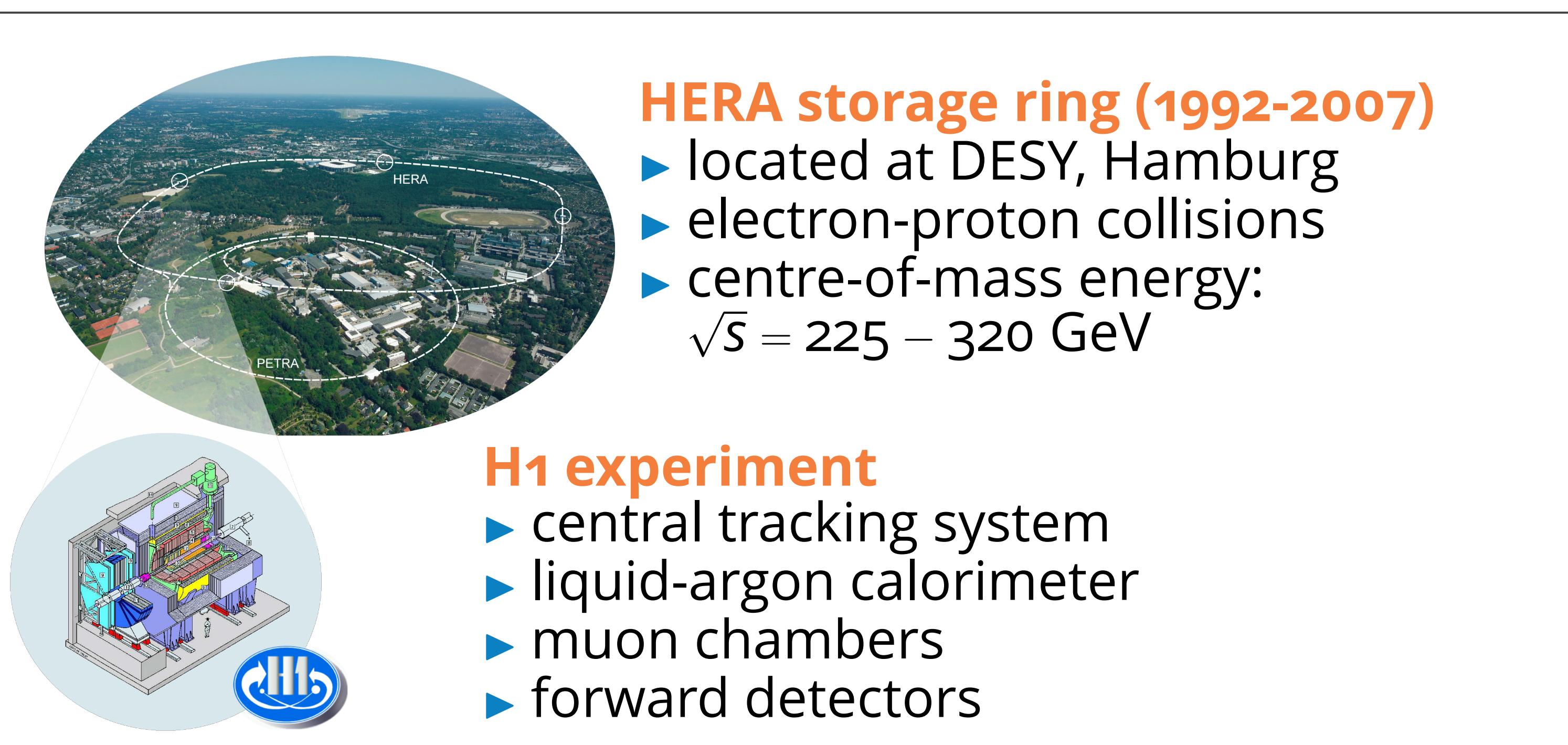


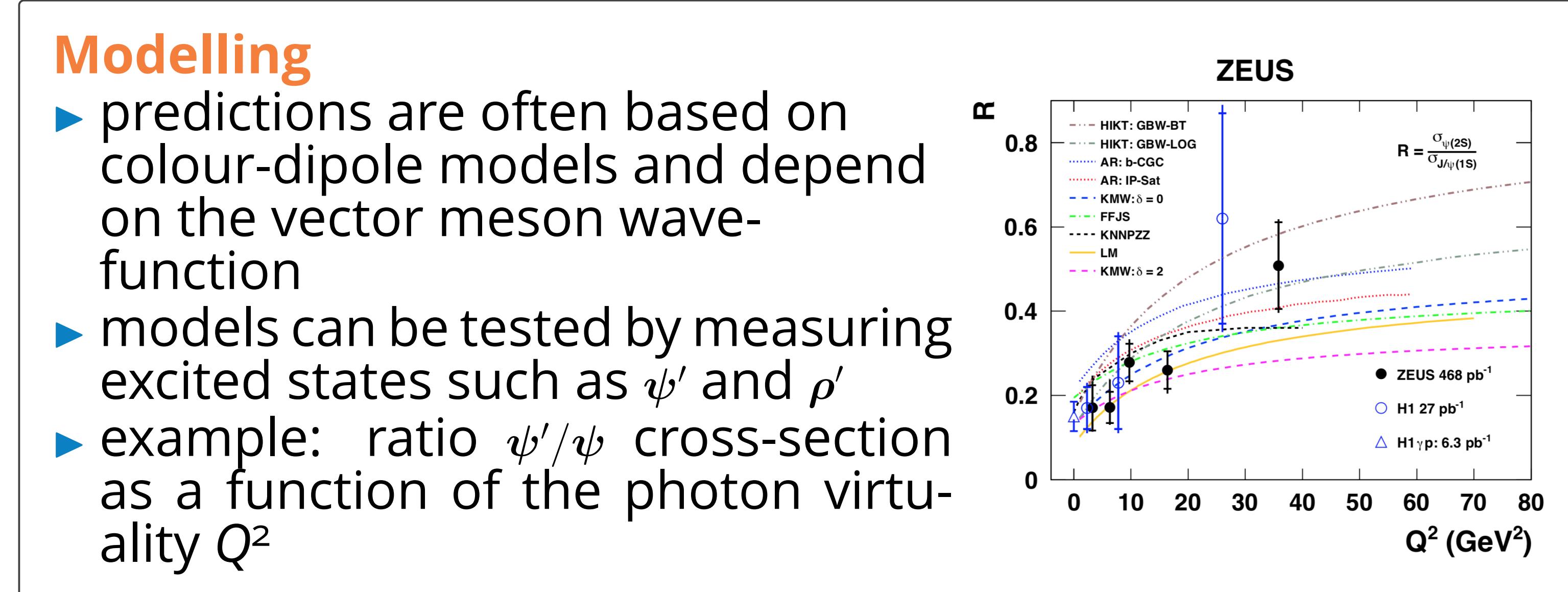
Exclusive photoproduction of ρ' states at HERA



Sergey Levonian¹, Arthur Bolz²



- ground-state (s-wave) vector mesons are well measured at HERA: ρ , ω , ϕ , J/ψ , Υ
- At HERA energies, data well described by power-law $\sigma \sim W_{\gamma p}^\delta$ with mass-dependent exponent δ



This analysis: excited ρ states $\rho(1450)$ and $\rho(1700)$. Decay channels: $2\pi^+ 2\pi^-$ and $\pi^+ \pi^-$ are measured

