Cross Sections and Production Rates

$$Au + Au \rightarrow Au + Au + V$$

At RHIC 100+100 A GeV for design luminosity, $2.0 \cdot 10^{26}$ cm^{-2} s^{-1}

	σ	rates
ρ	590 mb	120 Hz
ω	59 mb	12 Hz
ϕ	39 mb	8 Hz
J/Ψ	290 μb	580,000 / year