Measurement	Extracted	Physics question	Open exp.	Open theo
low M dileptons ω, ρ, ϕ vector mesons	int. yield mass? width?	enhanced? depl.? chiral rest.	bgd. assump- tions realistic?	HTL vs lattice mass shift or melting?
jet-dilepton corr.	yield/r.p.	medium prop.	pp badly needed	
intermed. mass dileptons	spectral function	QGP/med. prop. bound states?	rates	deg. of freedom QGP properties
Φ, ρ hadronic vs. leptonic decays		all vs. late stages of coll.		medium mod.
open charm, flow				
low mass $\mu\mu$	mass, width		Na60 benchmark	
low p_T γ spectrum HBT ($< 1 GeV$)	slope (T) vs g_{eff} size, lifetime	HRG vs QGP therm. size vs T		flow / T ambiguity thermal window
med p_T γ spectrum, R_{AA} assoc.yield	 jet tagged γ	Cronin a la E706 medium prop.	 rates, species	 jet conv/Bremss.
high p_T γ spectrum back-to-back HBT (2+ GeV)	 size, lifetime	pQCD scale jet energy scale tomography, k_T pre-equilib. R	rates! AA vs pp	 hadronic dominates?
all p_T γ v_2	sign, strength	thermal/jet rad.		
$\gamma\pi$ corr.	a_1 mass	chiral rest.		
all γ high y		CGC		
Your favorite				

Table 1: Bottom-up view