Conclusion

Experimental Results

- Larger enhancement at 40 AGeV, 5.0±1.3(stat.), compared to 160 AGeV, 2.8±0.3(stat.)±0.5(syst.)
- Within statistical errors agreement with different theoretical scenarios at 40 AGeV, but no way to distinguish whether the ρ resonance is shifted in mass or broadened

Because of larger baryon density and smaller temperature at 40 compared to 160 AGeV

$\Rightarrow$ Baryons play the dominant role in the medium modifications of the ρ resonance