

# Role of ImV for Bottomonium



1S and 2S more sensitive to ImV  
release binding energy

2S more sensitive to ImV  
No precise one shot!

$\Upsilon(2S)$  and  $\Upsilon(3S)$  melts by  $T \sim 230$  MeV and  $\Upsilon(1S)$  melts by  $\sim 230$  MeV  
Microscopic mechanism behind  $\Upsilon$  and  $\Upsilon'$  melting might be different

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ImV=0.5  
ImV=0