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Exes and why Z?

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Threshold enhancements, like the X(4660), and depletion effects, like the X(4260), are listed as $c\bar{c}$ resonances. We will discuss those observations and present a list of further $c\bar{c}$ enhancements which are more probable to represent charmonium vector excitations. We will furthermore discuss the importance of the observed Z resonances, Z(4050), Z(4250) and Z(4430), for the family of charmed mesons.

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