

INCREASING T

T

$\Delta H^\ominus = -ve$   
 $\Delta S^\ominus = +ve$

SPONTANEOUS  
at LOW  
temperature

SPONTANEOUS  
at HIGH  
temperature

SPONTANEOUS  
at VERY HIGH  
temperature

+  
0  
-



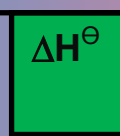
$\Delta H^\ominus = -ve$   
 $\Delta S^\ominus = -ve$

SPONTANEOUS  
at LOW  
temperature

NOT SPONTANEOUS  
at HIGH  
temperature

NOT SPONTANEOUS  
at VERY HIGH  
temperature

+  
0  
-



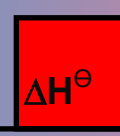
$\Delta H^\ominus = +ve$   
 $\Delta S^\ominus = +ve$

NOT SPONTANEOUS  
at LOW  
temperature

SPONTANEOUS  
at HIGH  
temperature

SPONTANEOUS  
at VERY HIGH  
temperature

+  
0  
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$\Delta H^\ominus = +ve$   
 $\Delta S^\ominus = -ve$

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