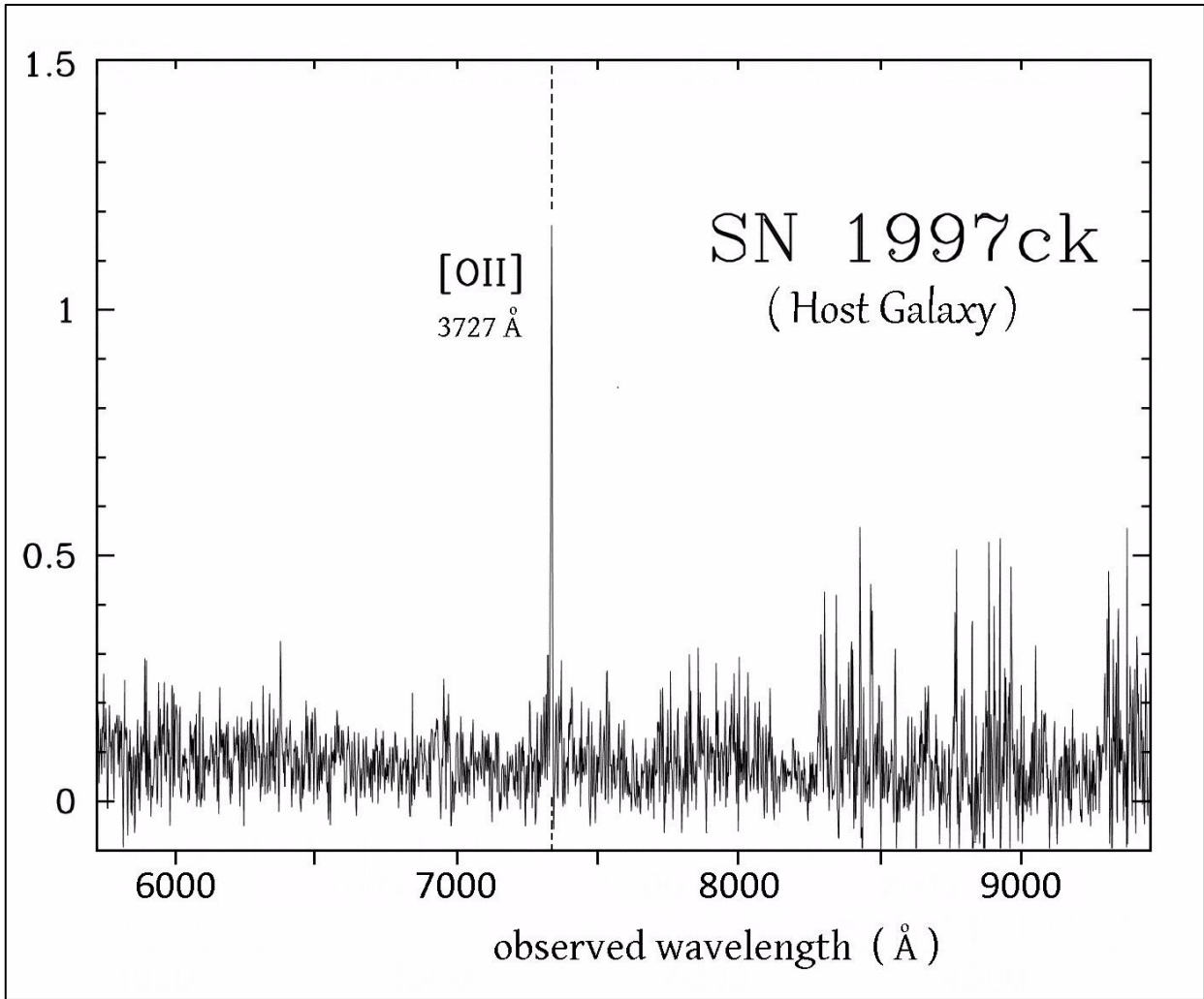


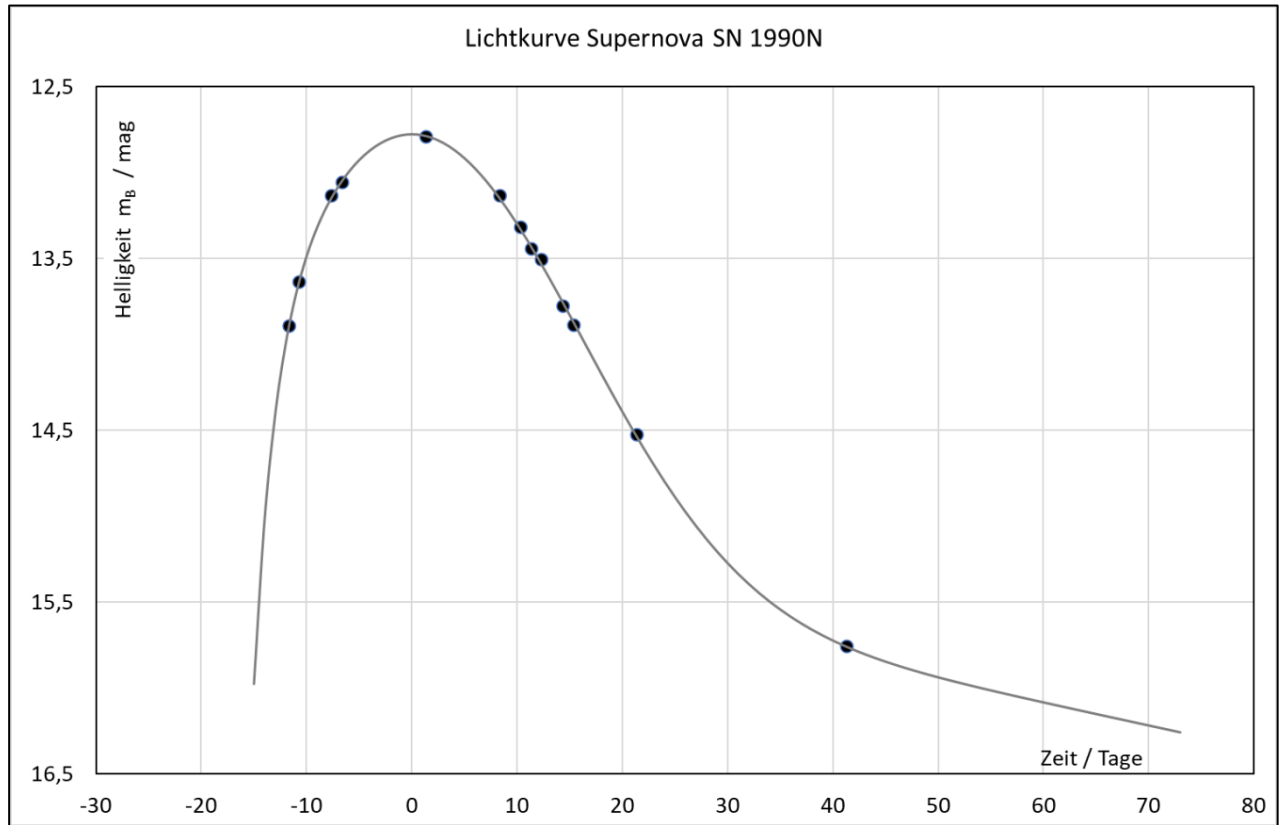
Supernova Ia: SN 1997ck

Spektrum (Riess, A.G., et al. 1998, AJ, 116:1009-1038):  $z = 0,97$

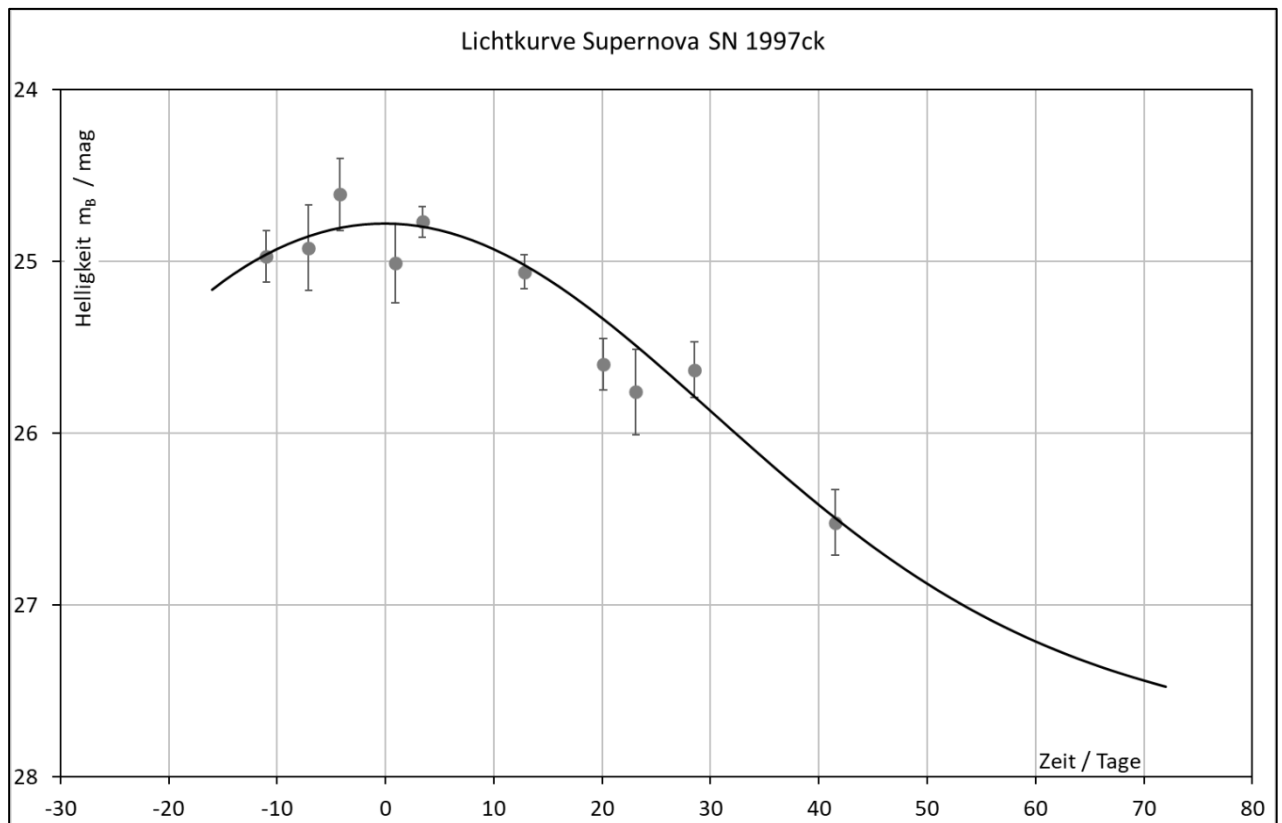


## Lichtkurven

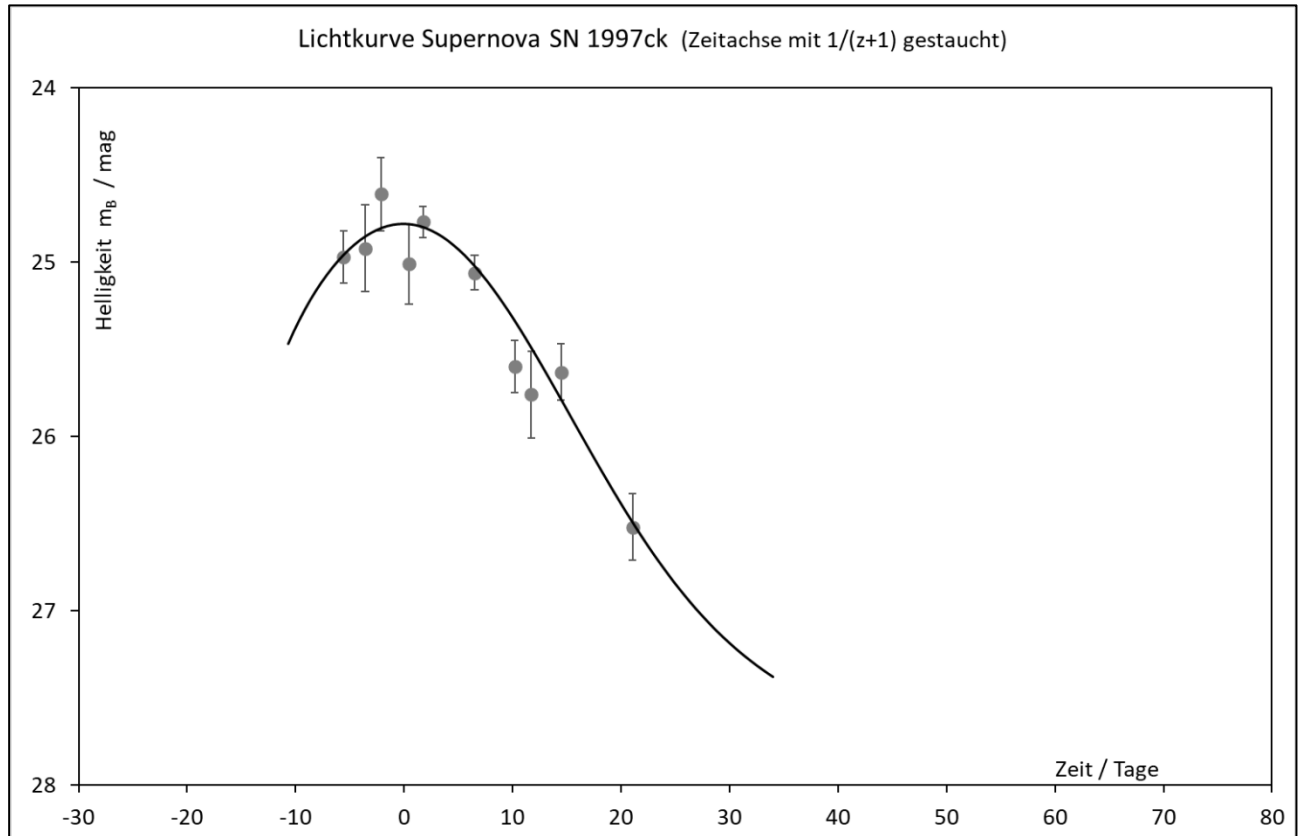
Referenzkurve: **SN 1990N** ( $z = 0,003$ ) (Lira, P., et al. 1998, AJ, 115:234-246)



Lichtkurve SN 1997ck ( $z = 0,97$ ,  $m_B = 24,78$ ) (Garnavich, P.M., et al. 1998, 493:L53-L57)



**Lichtkurve SN 1997ck ( $z = 0,97$ ,  $m_B = 24,78$ ) – Zeitachse gestaucht mit  $1/1,97$**



**Referenzkurve und korrigierte Lichtkurve SN 1997ck aufeinandergelegt:**

