

logarithmic U_a -data

$$U_a = (L_o \cdot M_o)^{0,5}$$

$$\log U_a = (\log L_o + \log M_o)/2 \quad \log M_o = -0,35[u_\lambda - u_{570}]^2$$

$\log [U_a, L_o, M_o]$

$$u_\lambda = (\lambda - 555) / 50$$

$$\log L_o = -0,35[u_\lambda - u_{545}]^2$$

Adaptation: $\lambda_{LM}=557$

