

The Planck constant

- Analysis worksheet -

Nebenrechnungen:



Tabelle 1: *Measurement data of the threshold voltage as as function of the wavelength*

λ [nm]	u_λ [nm]	f [10^{14} Hz]	u_f [10^{14} Hz]	$U_{\text{threshold}}$ [V]	u_U [V]	E_{photon} [J]	u_E [J]
405	7	7.40	0.13				
463	8	6.48	0.12				
469	10	6.39	0.14				
504	18	5.95	0.22				
558	11	5.37	0.11				
575	8	5.21	0.08				
586	8	5.12	0.07				
591	7	5.07	0.07				
595	8	5.03	0.07				
630	5	4.76	0.04				
631	8	4.75	0.07				
655	9	4.58	0.07				





