

Authors	Energy Range (eV)	Technique	Temperature (K) RT unless specified	Sample				Data Presentation	Remarks
				Film	X-tal	Bulk	Prep		
FZG67	112-120	Trans		x				μ	absorption measurements
ZFG67	50-520	Trans		x				μ	absorption measurements
HRS70	100-180	Trans		x			In	μ	absorption measurements
GK72	90-170							μ	absorption measurements
MSB72	1.92		1100-1500					ϵ	emissivity
ZTK72	0-50	Trans	1123	x				$\text{Im}(\epsilon^{-1})$	energy loss spectroscopy
KN73	1.13-4.42	Ellips				x	MP	n, k, σ	
TC73	120-170			x				μ	energy loss spectroscopy
Kun75	50-550	Trans		x				μ	absorption measurements with synchrotron radiation
BKB76	1.92		>1000				EP	ϵ_N	emissivity
KN77									review paper
Liu77									review paper covering band structure, optical and photoemission properties

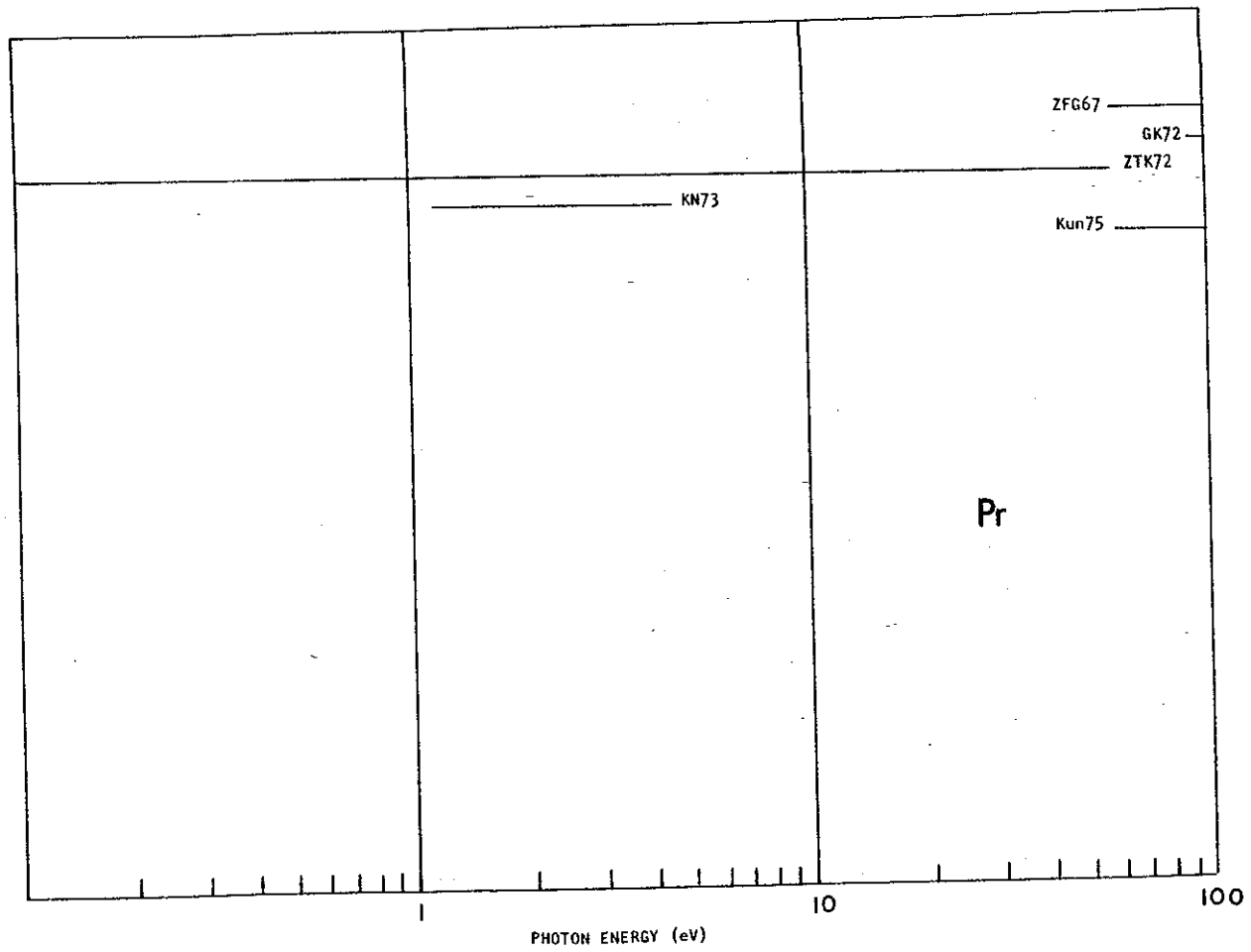


Fig. 37 Survey of available data on Pr.

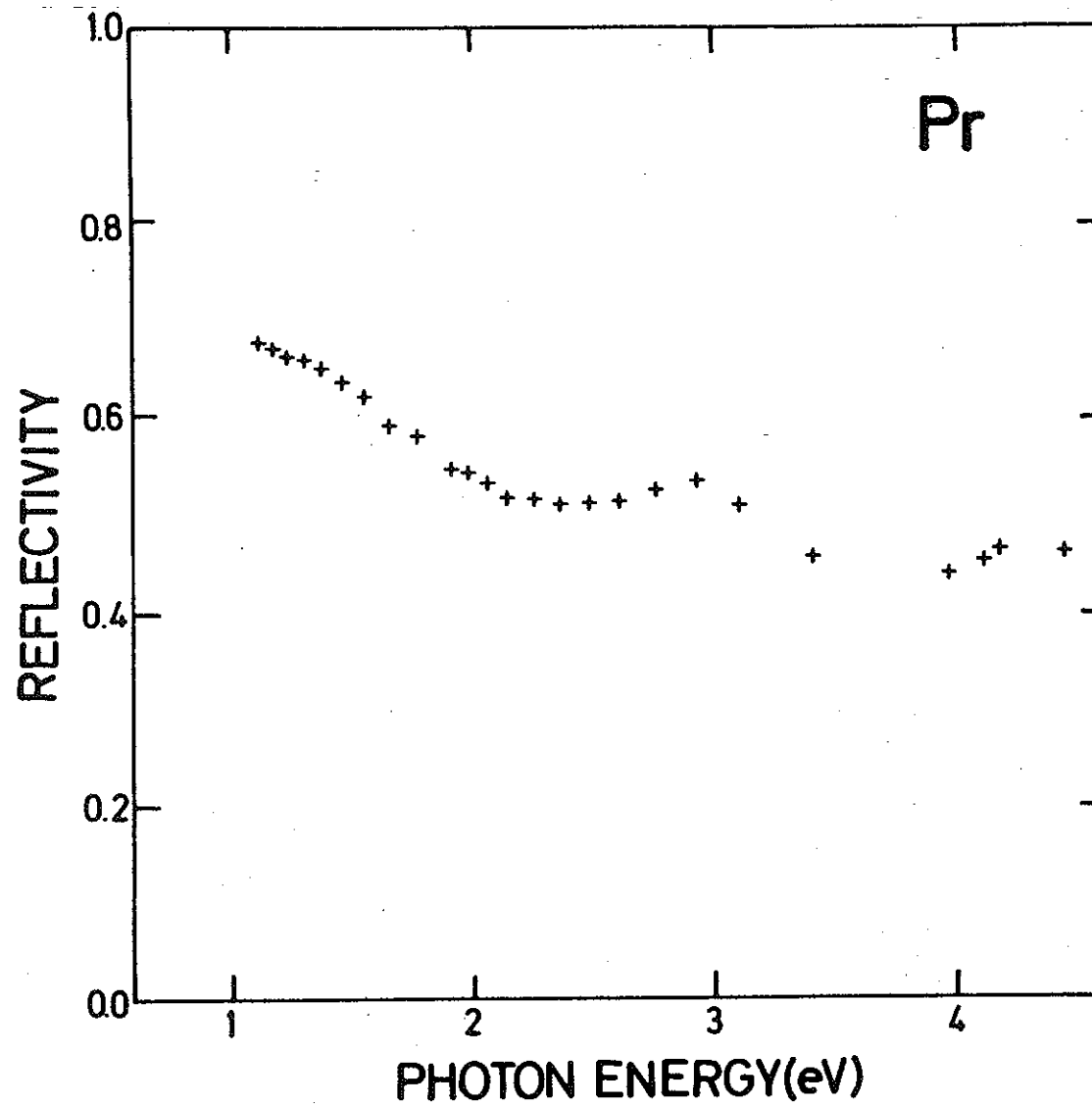


Fig. 38 Reflectivity of Pr. Polycrystalline results by KN73.

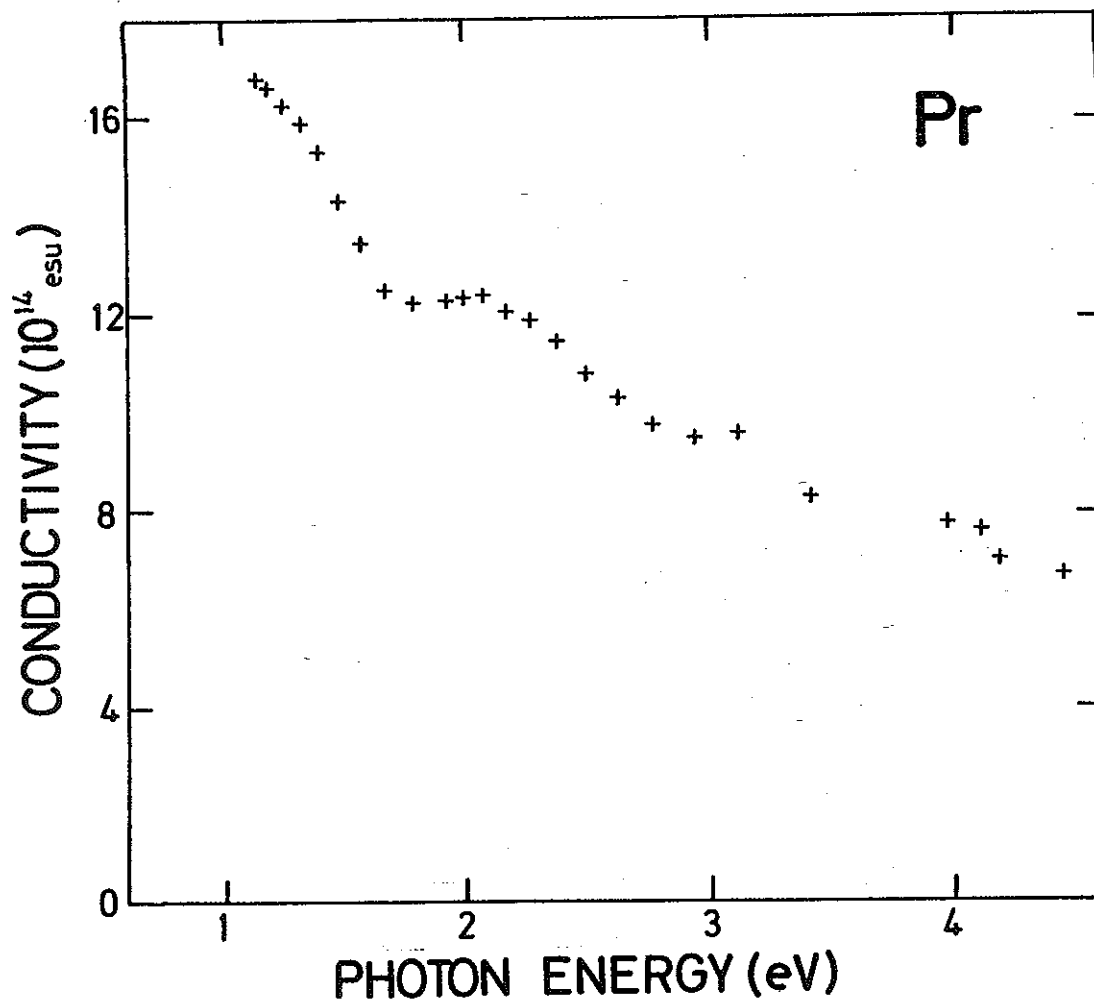


Fig. 39 Optical conductivity of Pr. Polycrystalline results by KN73.

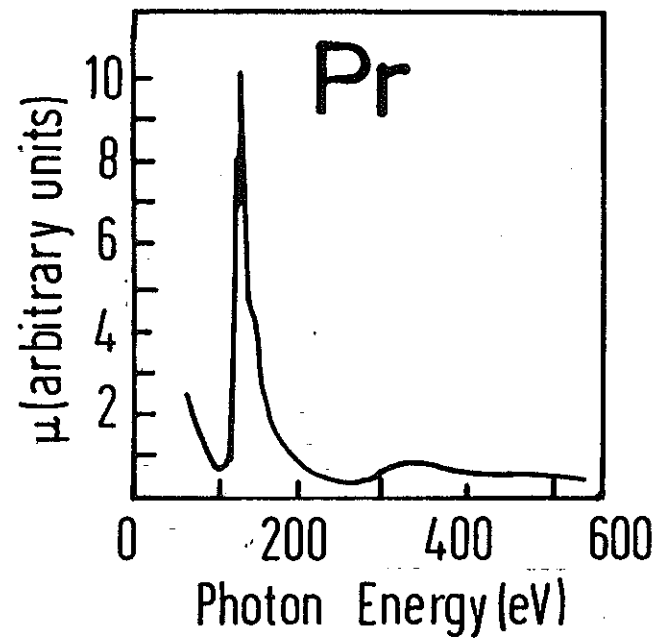
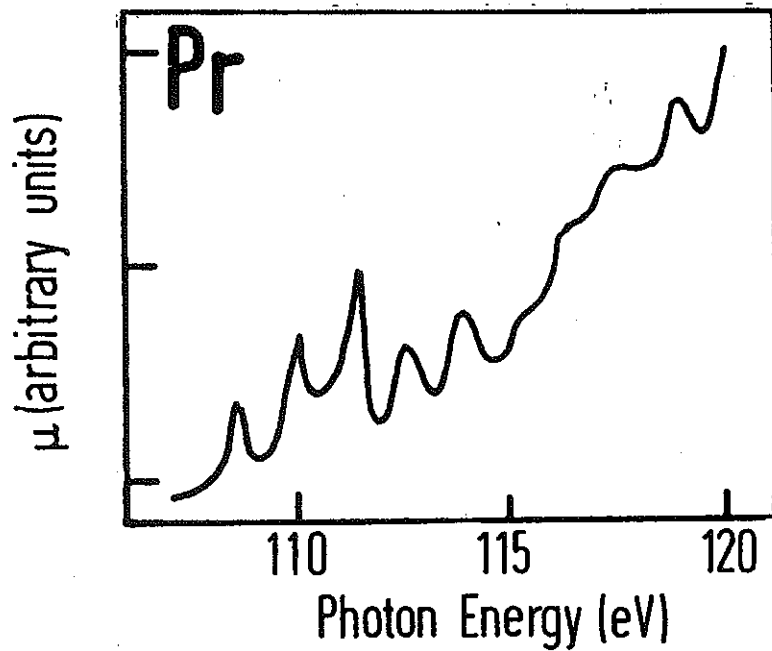


Fig. 40 Absorption coefficient of Pr. FZG67 show fine structure below the onset of the large maxima. Fine structure is interpolated by ZFG67 in the expanded energy range.