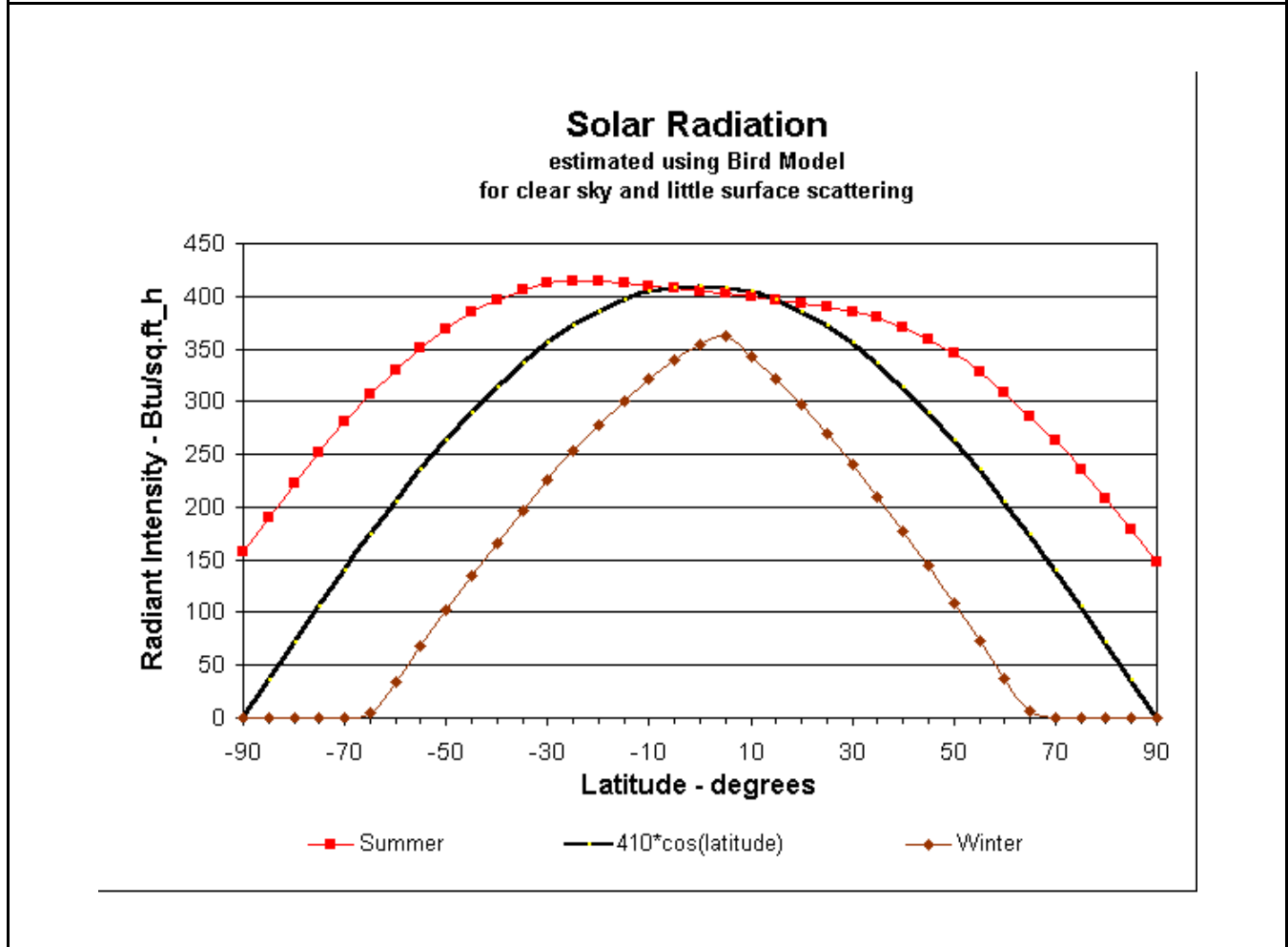


THE EFFECTS OF SOLAR RADIATION ON FLARE DESIGN

Solar Ration can be estimated as $I_s = 410 * \cos(\text{latitude})$ or interpolated from graphic

RELIEF CASE RISK FREQUENCY (20 year life)				
	FREQUENT	PROBABLE	OCCASIONAL	REMOTE
	> 1/1 yr	1 - 1 E-04	1 e-04 - 1 E-06	1 E-06 - 1 E-09
	Likely to occur repeatedly in system lifetime	Could occur several times in system lifetime	Unlikely to occur more than once in system lifetime	Remote possibility of occurrence in system lifetime
Personnel exposure	INCLUDE SOLAR	INCLUDE SOLAR	NO SOLAR	NO SOLAR
Equipment exposure	INCLUDE SOLAR	INCLUDE SOLAR	INCLUDE SOLAR	INCLUDE SOLAR

RECOMMENDATIONS FOR INCLUSION OF SOLAR RADIATION WITH DESIGN CASE



Negative latitudes represent Southern Hemisphere / Positive latitudes represent Northern Hemisphere