

GAMMA DOSE RATES ON RONGELAP ISLAND

- ▲ From Dunning 1957
- University of Washington
- U.S. Public Health Service
- Theoretical Decay T-1.2
- Theoretical decay of U²³⁵ fission products as measured by the AN/PDR-39 (TIB) Radiac at three feet above an infinite plane (Miller and Loeb, 1956)

Estimated dose rate at D+1

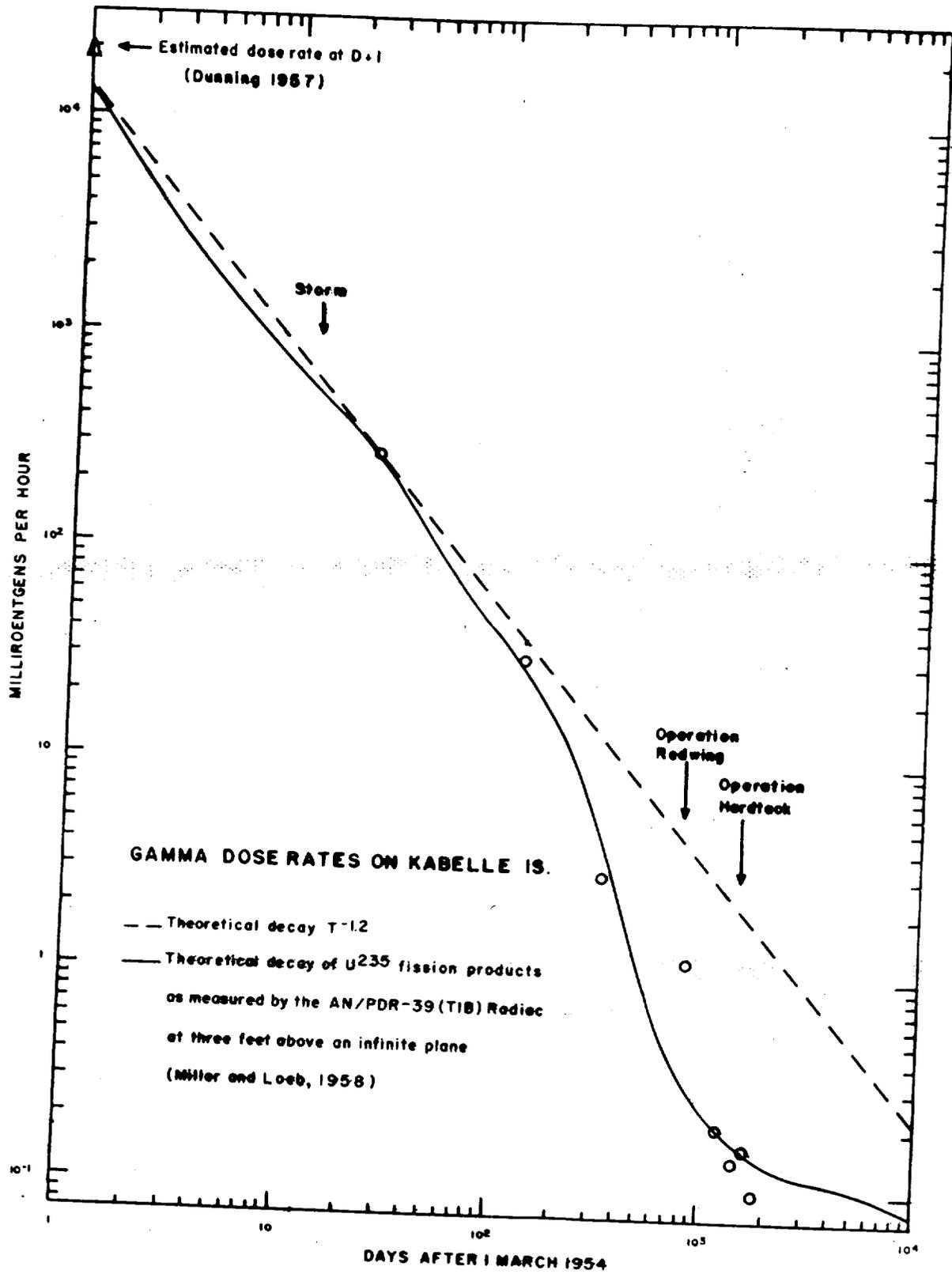
Storm

Operation Redwing

Operation Hardtack

DAYS AFTER 1 MARCH 1954

MILLIROENTGENS PER HOUR



.179
(.25)

.097
(.12)
.086
(.12)

.155
(.20)
.127
(.15)

.069
(.10)

.048
(.07)
.051
(.08)

.051
(.07)

.030
(.04)
.028
(.04)

.019
(.03)

.031
(.04)

GAMMA DOSE RATES AT
THREE FEET ABOVE
GROUND IN MR/HR.
AVERAGE VALUES FOLLOWED
BY MAXIMUM VALUES IN
PARENTHESES.
SEPTEMBER, 1959