

**Graph referenced as "A-D calculated intensity per cylinder for 1, 2, 7, 19 solid cylinders. E-F observed intensity along equator for E Native Rat tail tendon F dried and then rewet"**

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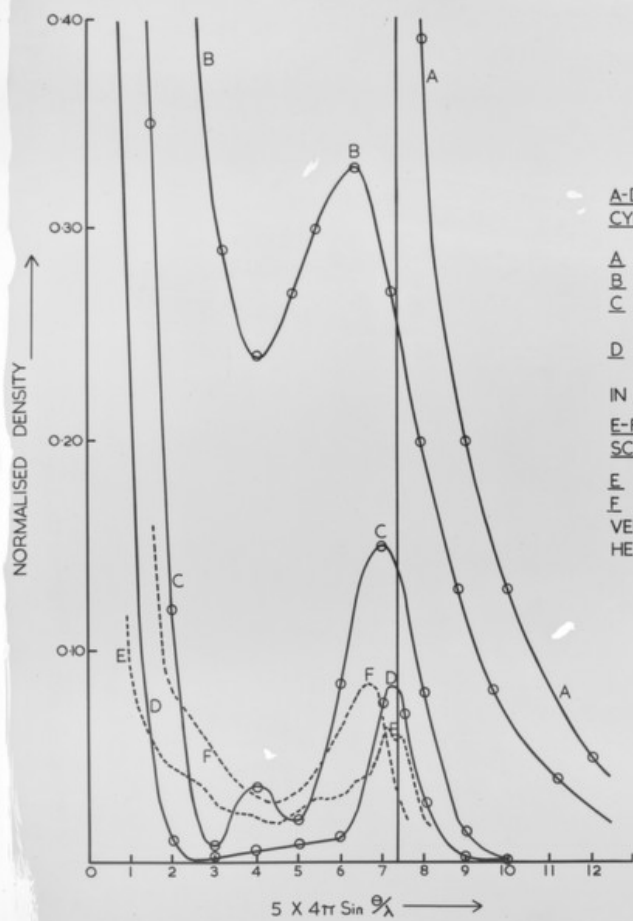
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A-D CALCULATED INTENSITY PER CYLINDER FOR:

A ONE SOLID CYLINDER.

B TWO SOLID CYLINDERS.

C SEVEN SOLID CYLINDERS IN HEXAGONAL PACKING.

D NINETEEN SOLID CYLINDERS IN HEXAGONAL PACKING.

IN B-D SEPARATION = TWICE DIAMETER.

E-F OBSERVED INTENSITY (ARBITRARY SCALE) ALONG EQUATOR FOR:

E NATIVE MOIST RAT TAIL TENDON.

F AS E DRIED AND THEN REWET.

VERTICAL LINE A 10 $\times$  SPACING OF HEXAGONAL LATTICE.