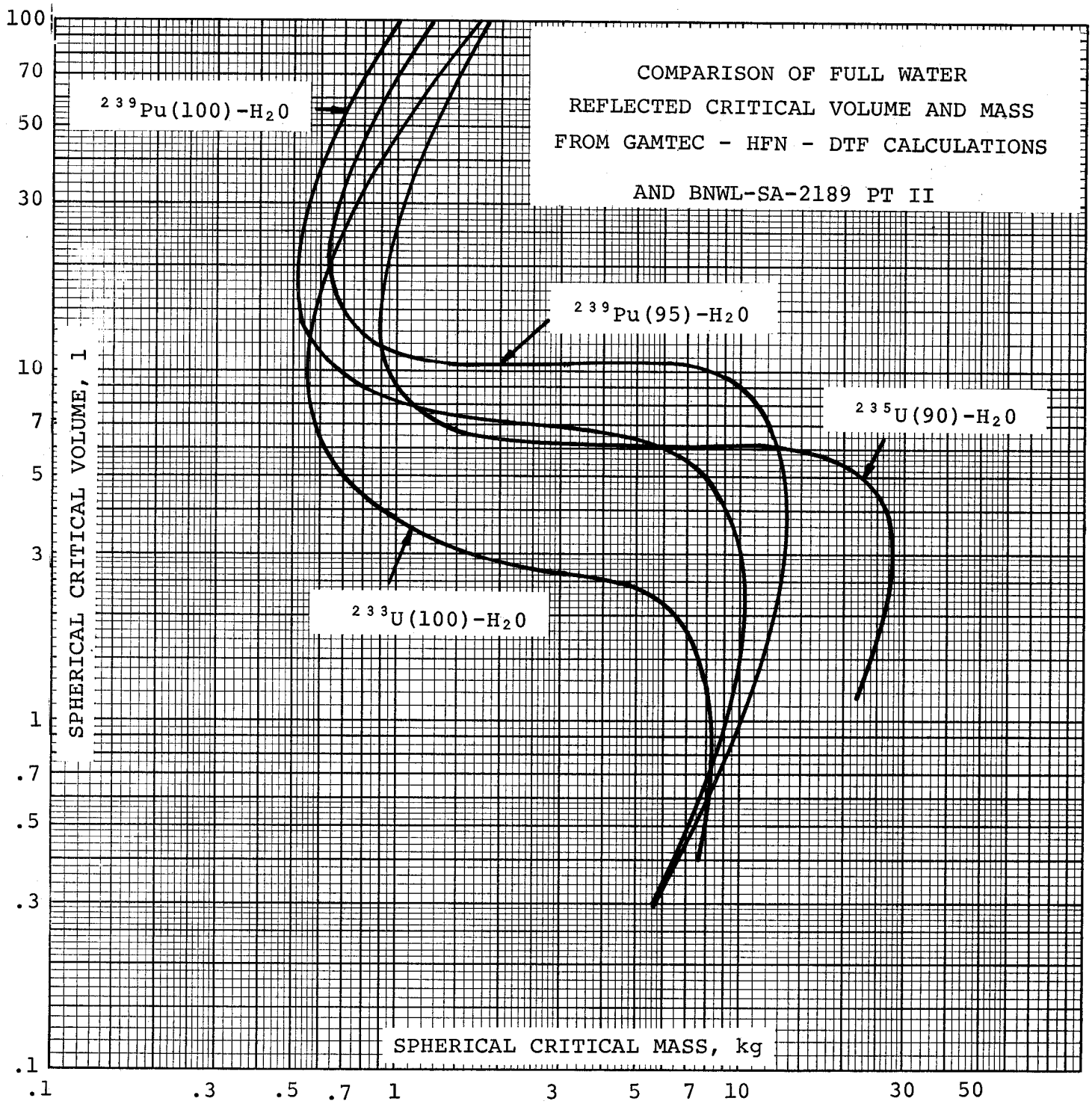
COMPARISON OF FULL WATER
REFLECTED CRITICAL VOLUME AND MASS
FROM GAMTEC - HFN - DTF CALCULATIONS
AND BNWL-SA-2189 PT II
$^{239}Pu(100)-H_2O$
$^{239}Pu(95)-H_2O$
$^{235}U(90)-H_2O$
$^{233}U(100)-H_2O$
SPHERICAL CRITICAL VOLUME, l
SPHERICAL CRITICAL MASS, kg
100
70
50
30
10
7
5
3
1
.7
.5
.3
.1
.1
.3
.5
.7
1
3
5
7
10
30
50