NOTES:

1. Px & Py come from corrected CAT3 outputs and have no offset.
2. Each Threshold compare is done w/1, 256K x 1 RAM
3. 1bit = ½GEV
   0 = 0 GEV
4. $\sum 12 \text{ bits} \leq 1 \text{ TEV (signed)}$, 2 TEV (unsigned)
   $\sum 9 \text{ bits} \leq 128 \text{ GEV (signed)}$, 256 GEV (unsigned)
5. Max MPt Threshold $\leq 127.5$ GEV w/256K memory