

1: $\Pi^+(M,P)$ assumption

2: $\Pi^+(M,S)$ assumption

3: $\Pi^-(S,P)$ assumption contradicting $\Sigma^+(S,P)$

...

4: $_B$

...

5: $_B^*$

6: $\Sigma^+(S,P)$ 4,5

Provided:

SINGLEDISCHARGE $\Pi^-(S,P)$