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

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

3: $\Sigma^+(S,M)$ subaltern $\Pi^+ \Rightarrow \Sigma^+$ 2

4: $\Sigma^+(M,S)$ reversal $\Sigma^+ \Rightarrow \Sigma^+$ 3

5: $\boxed{\Pi^-(S,P)}$ assumption contradicting $\Sigma^+(S,P)$

6: $\Pi^-(P,S)$ reversal $\Pi^- \Rightarrow \Pi^-$ 5

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

8: $\Pi^-(M,S)$ Celarent 6,7

9: $\Sigma^+(M,S)$ see 4

10: $\Sigma^+(S,P)$ IP 5–8,9