```
nsub_inj_factorial  THM

⊢  (ℕk inj→ ℕk) ∼ ℕ(k!)
  by Def of k!
     THEN
     BackThru:
     Thm*  (ℕa inj→ ℕb) ∼ ℕ(b!a)    {nsub_inj_factorial_tail}
END
```