```
absval_lbound  THM

⊢  ∀i:ℤ, n:ℕ. |i|>n ⟺ i<-n ∨ i>n  by UnivCD
|
1. i : ℤ
2. n : ℕ
⊢  |i|>n ⟺ i<-n ∨ i>n  by Unfold ‘absval‘ 0 THEN SplitOnConclITE
|
|\
| .....truecase .....
| 3. 0≤i
| ⊢  i>n ⟺ i<-n ∨ i>n  by Auto
|
.\
. .....falsecase .....
. 3. i<0
. ⊢  -i>n ⟺ i<-n ∨ i>n  by Auto
END
```