```
Grundzustand:

E_num =  +0.900000 .
E_num =  +0.988598.
E_num =  +0.999834.
E_num =  +1.000000.

1. angeregter Zustand:

E_num =  +2.900000 .
E_num =  +2.988617.
E_num =  +2.999835.
E_num =  +3.000000.

2. angeregter Zustand:

E_num =  +4.900000 .
E_num =  +4.990699.
E_num =  +4.999911.
E_num =  +5.000000.

3. angeregter Zustand:

E_num =  +6.900000 .
E_num =  +6.990720.
E_num =  +6.999911.
E_num =  +7.000000.
```