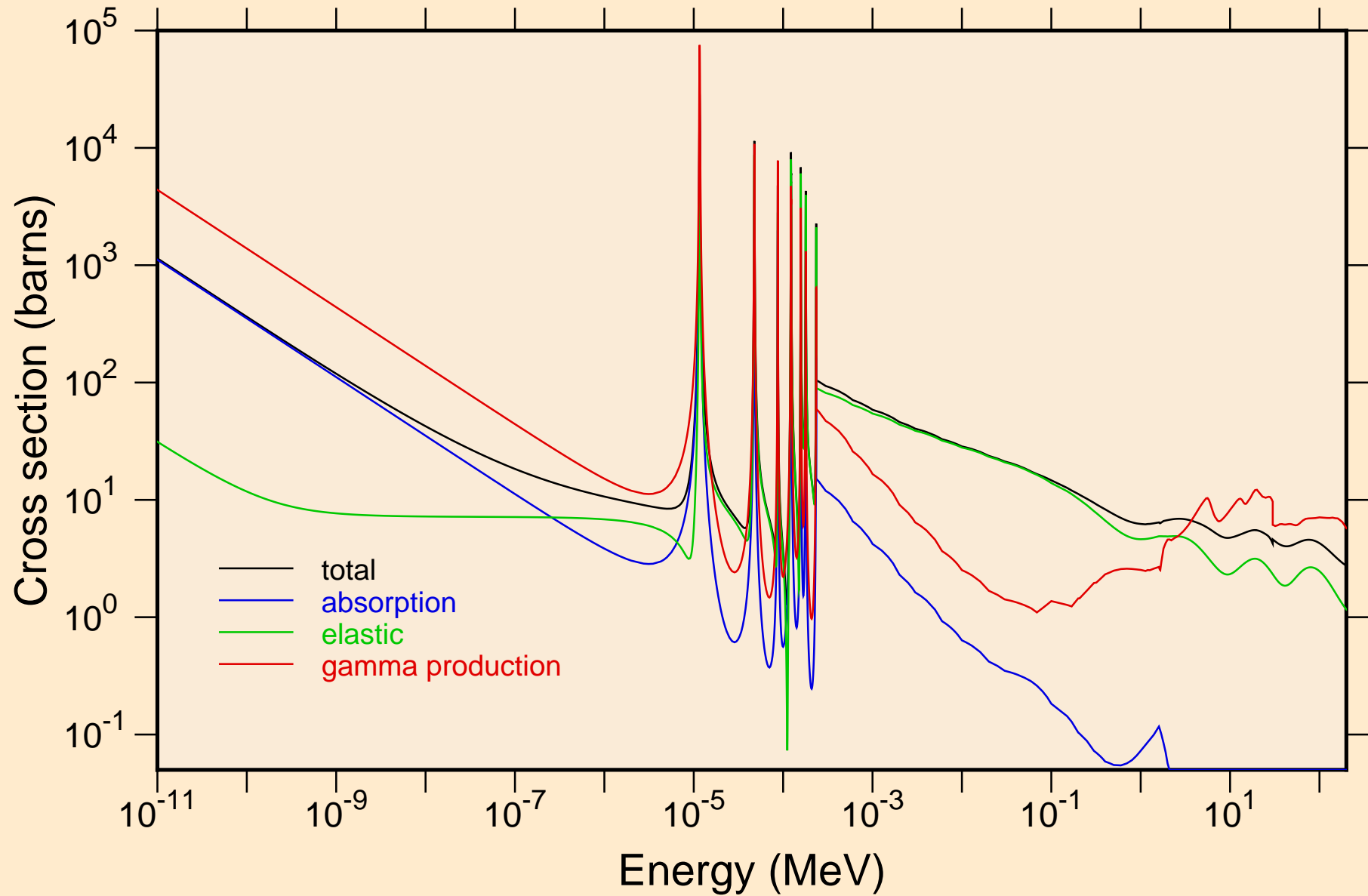


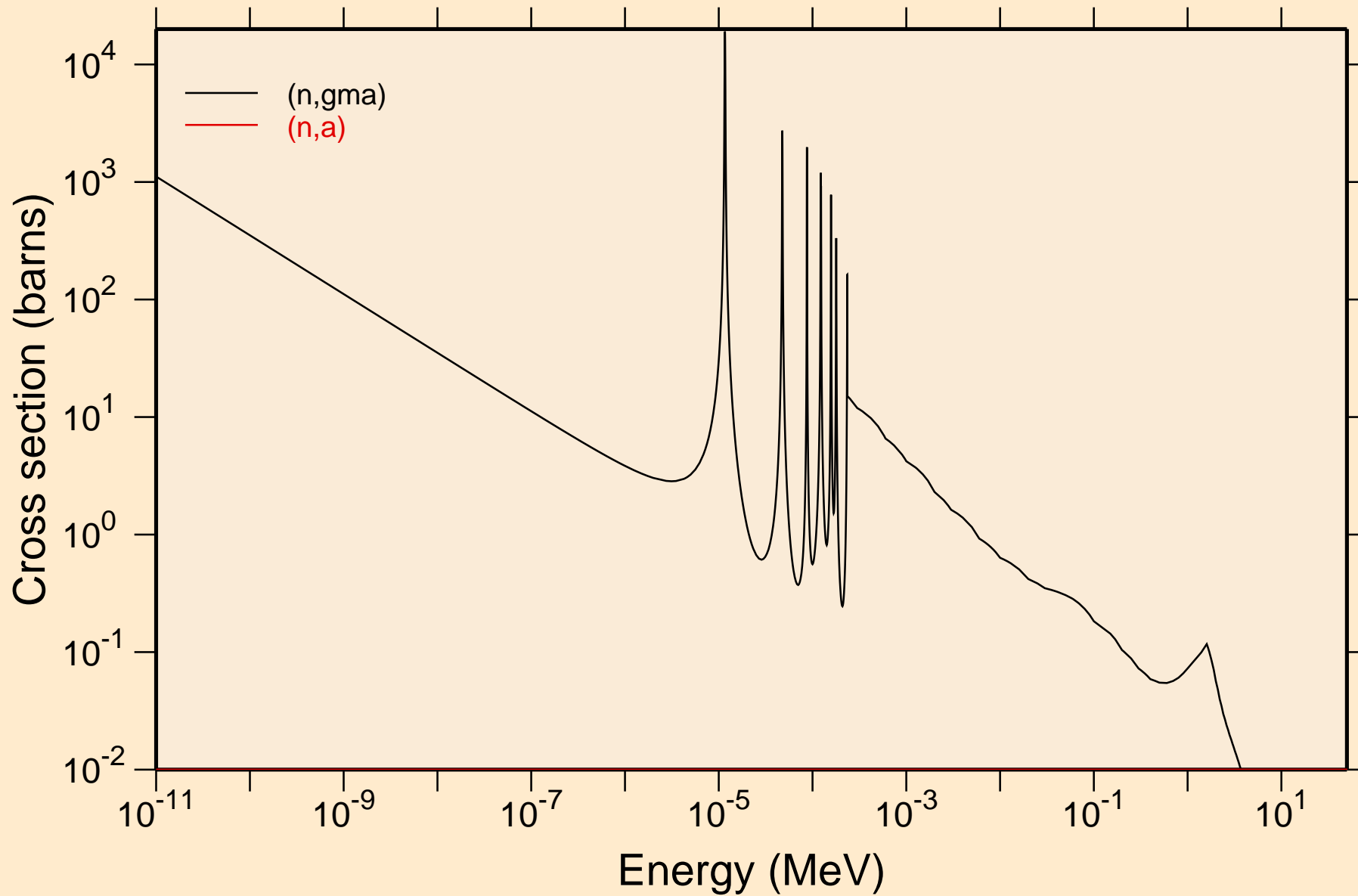
# HF183 NRG TENDL-2015, AKONING

## Principal cross sections



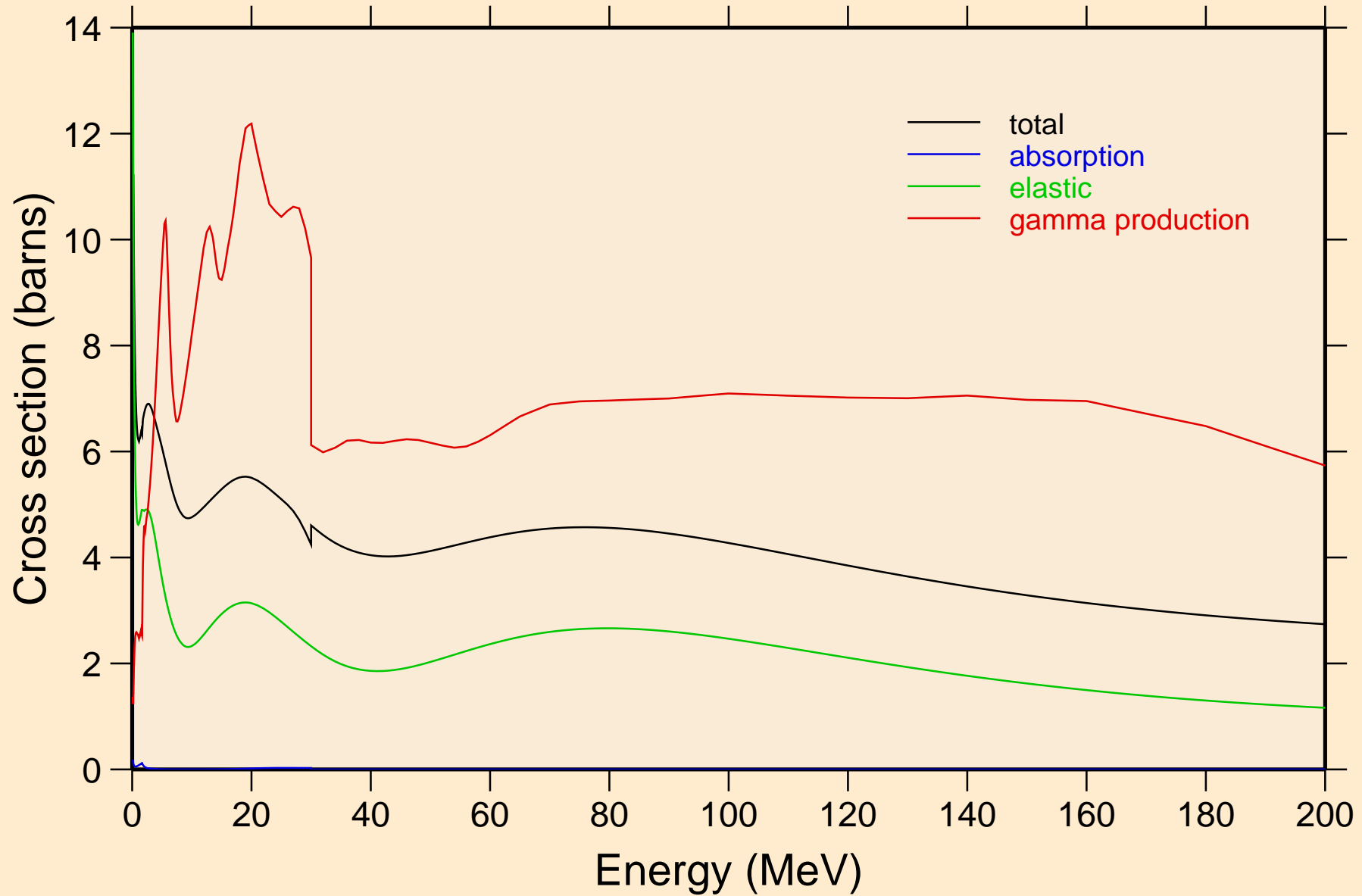
# HF183 NRG TENDL-2015, AKONING

## Non-threshold reactions



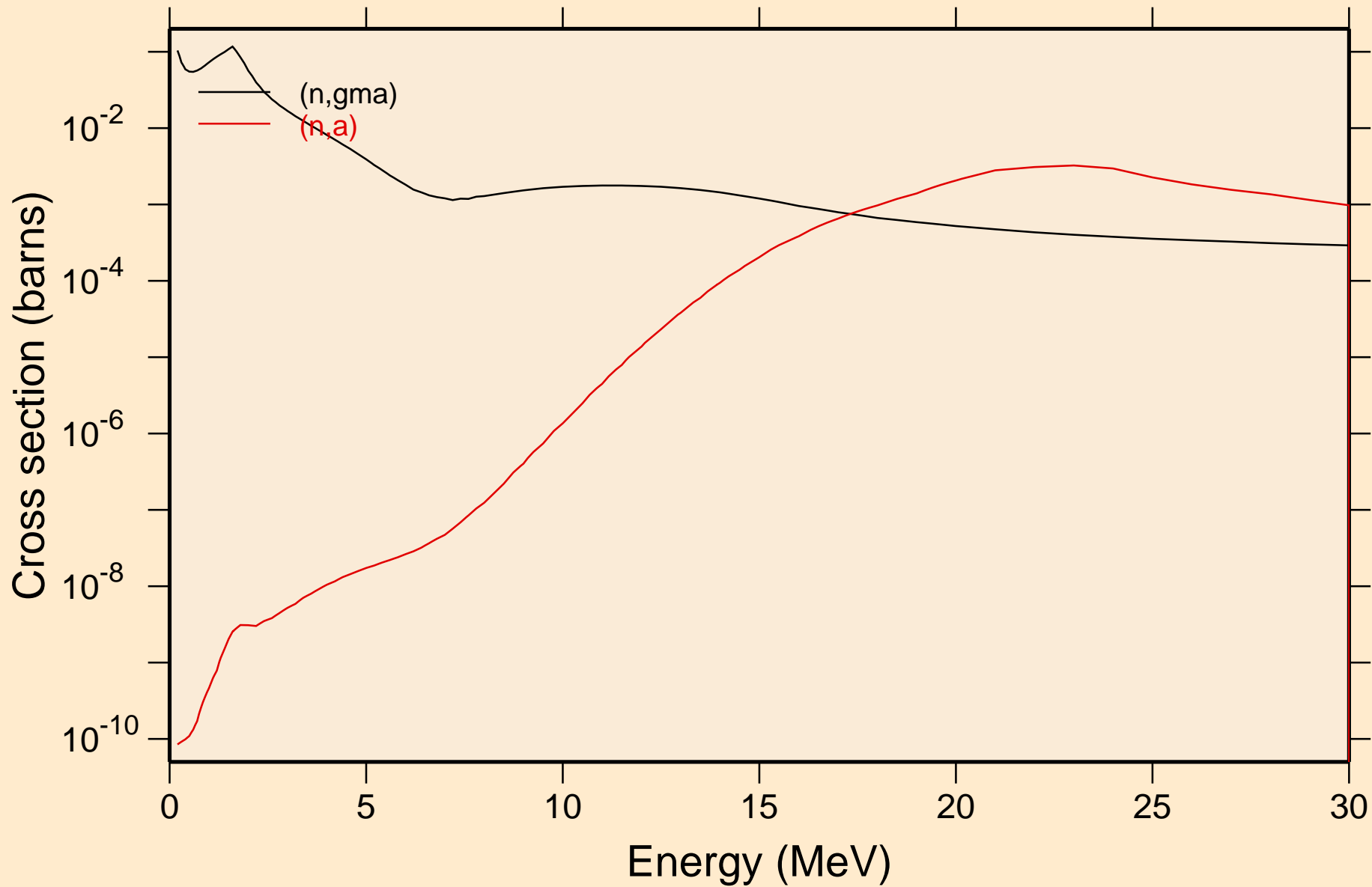
# HF183 NRG TENDL-2015, AKONING

## Principal cross sections



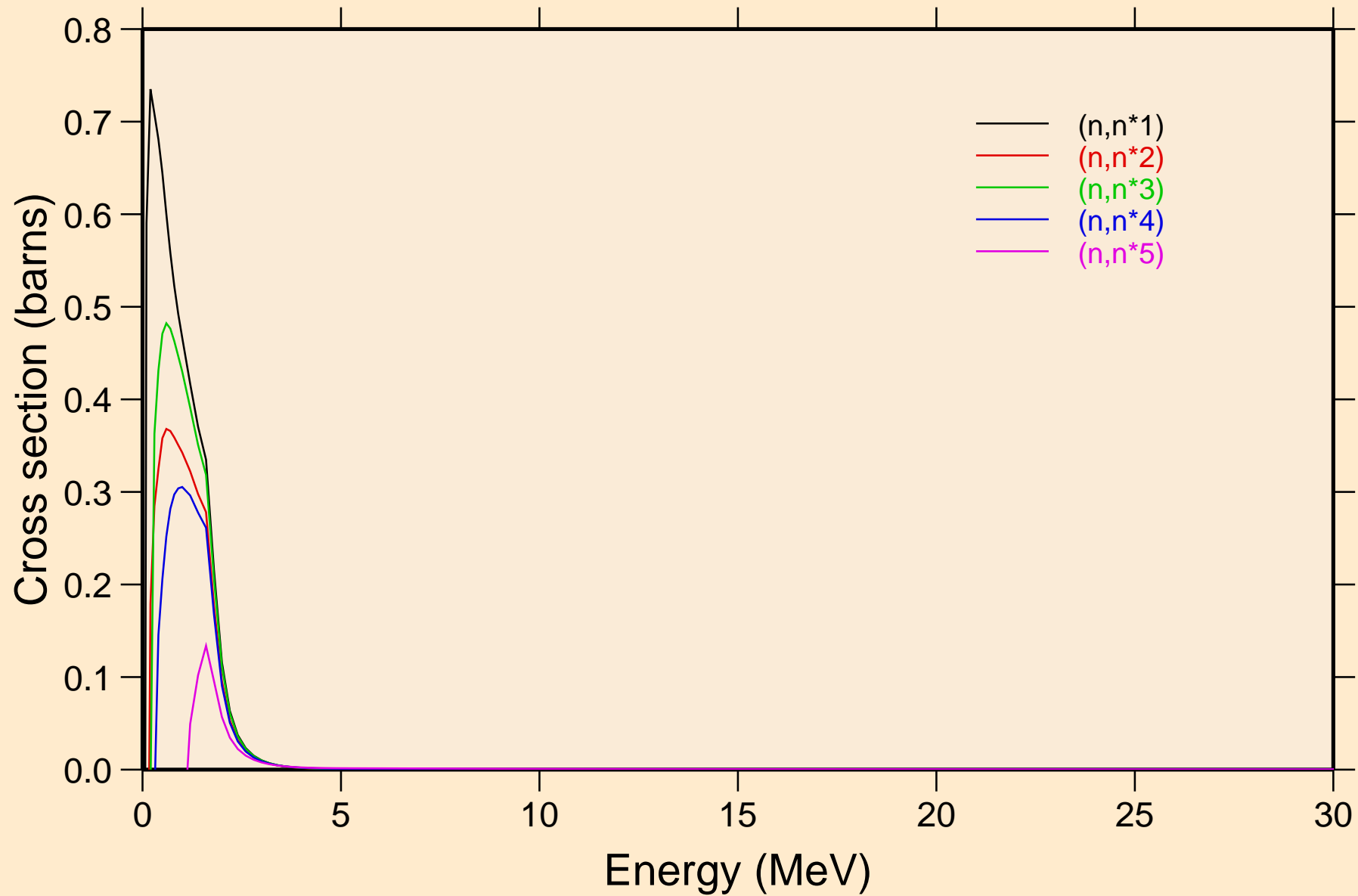
# HF183 NRG TENDL-2015, AKONING

## Non-threshold reactions



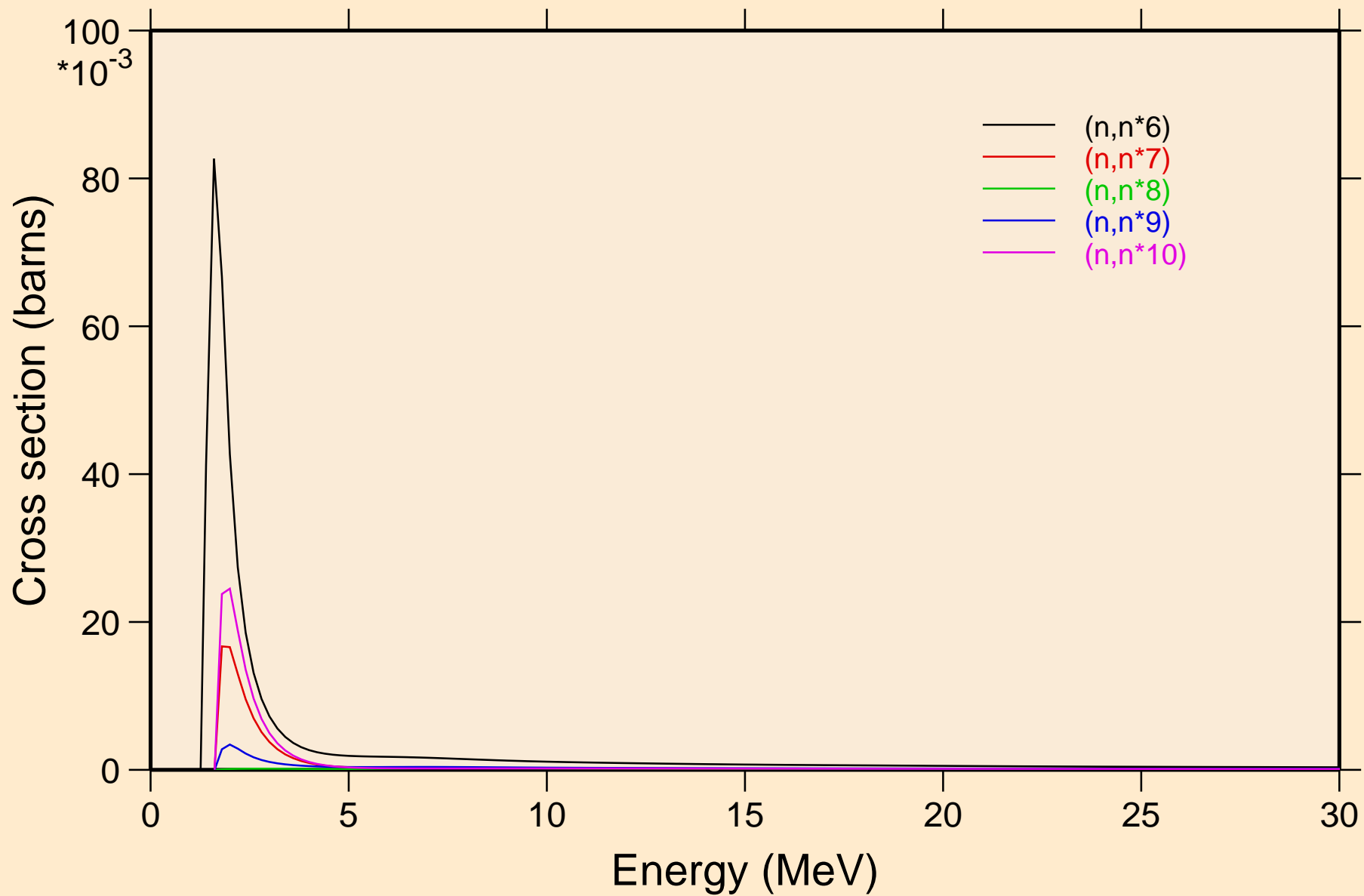
# HF183 NRG TENDL-2015, AKONING

## Inelastic levels



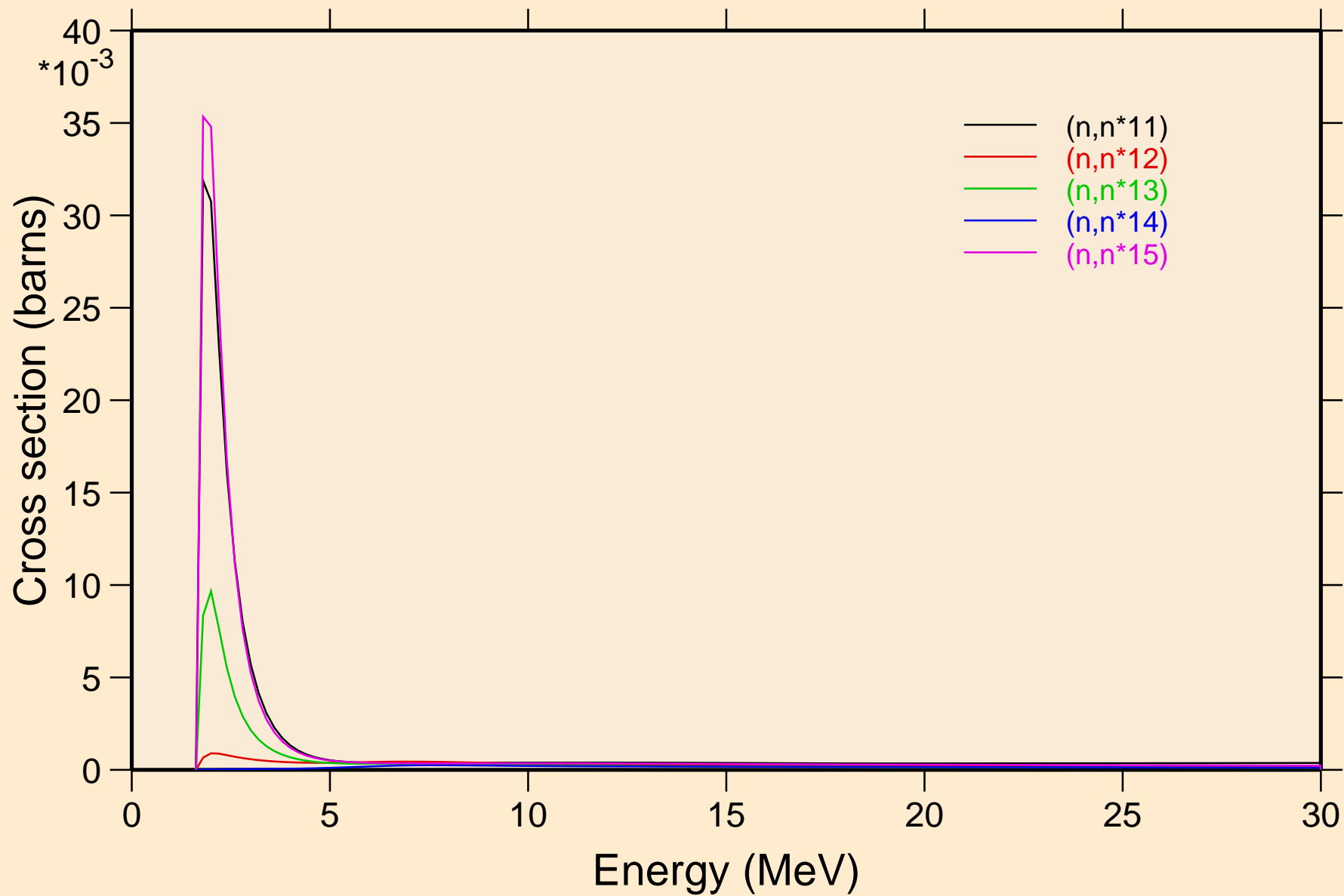
# HF183 NRG TENDL-2015, AKONING

## Inelastic levels



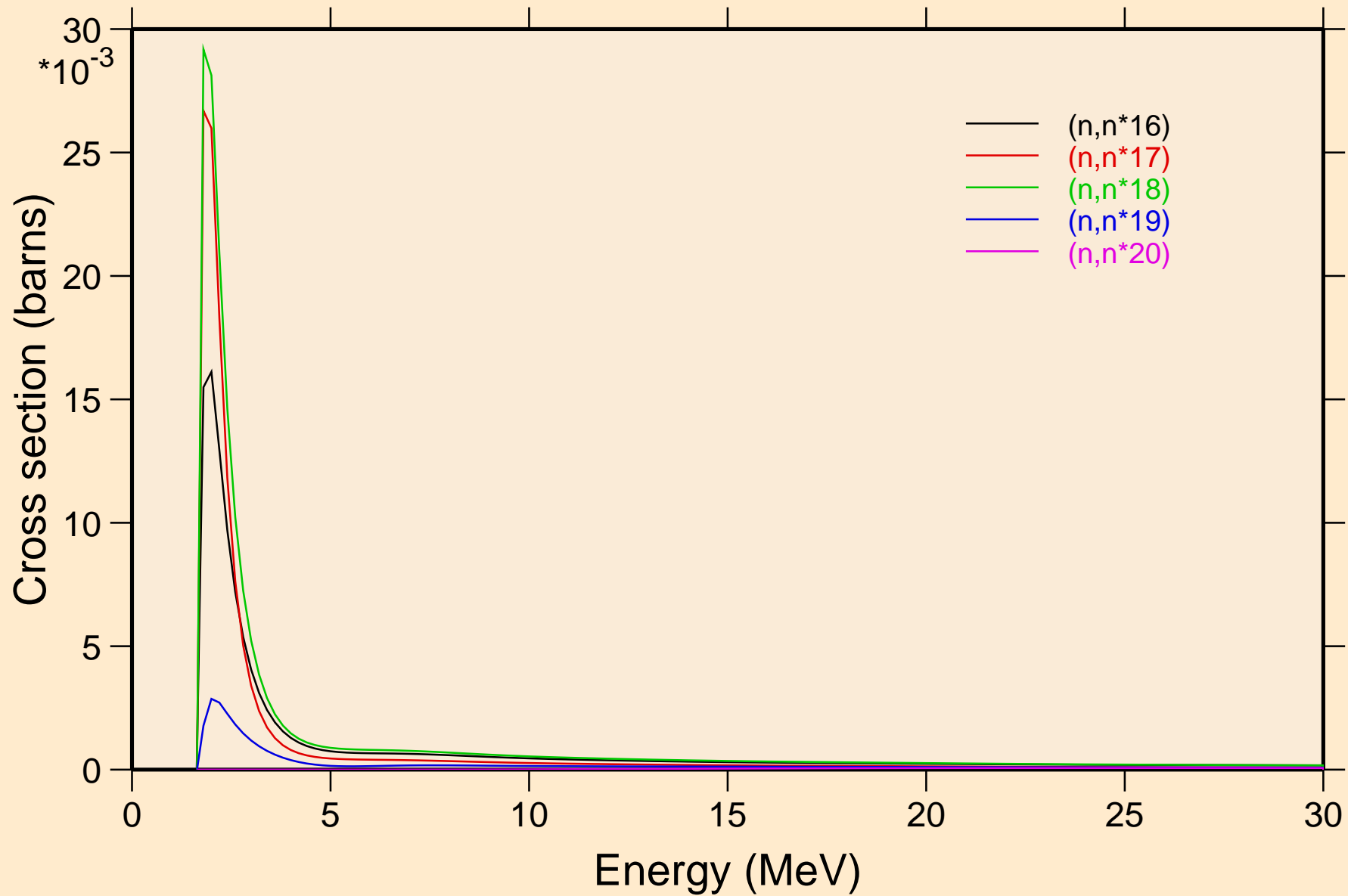
# HF183 NRG TENDL-2015, AKONING

## Inelastic levels



# HF183 NRG TENDL-2015, AKONING

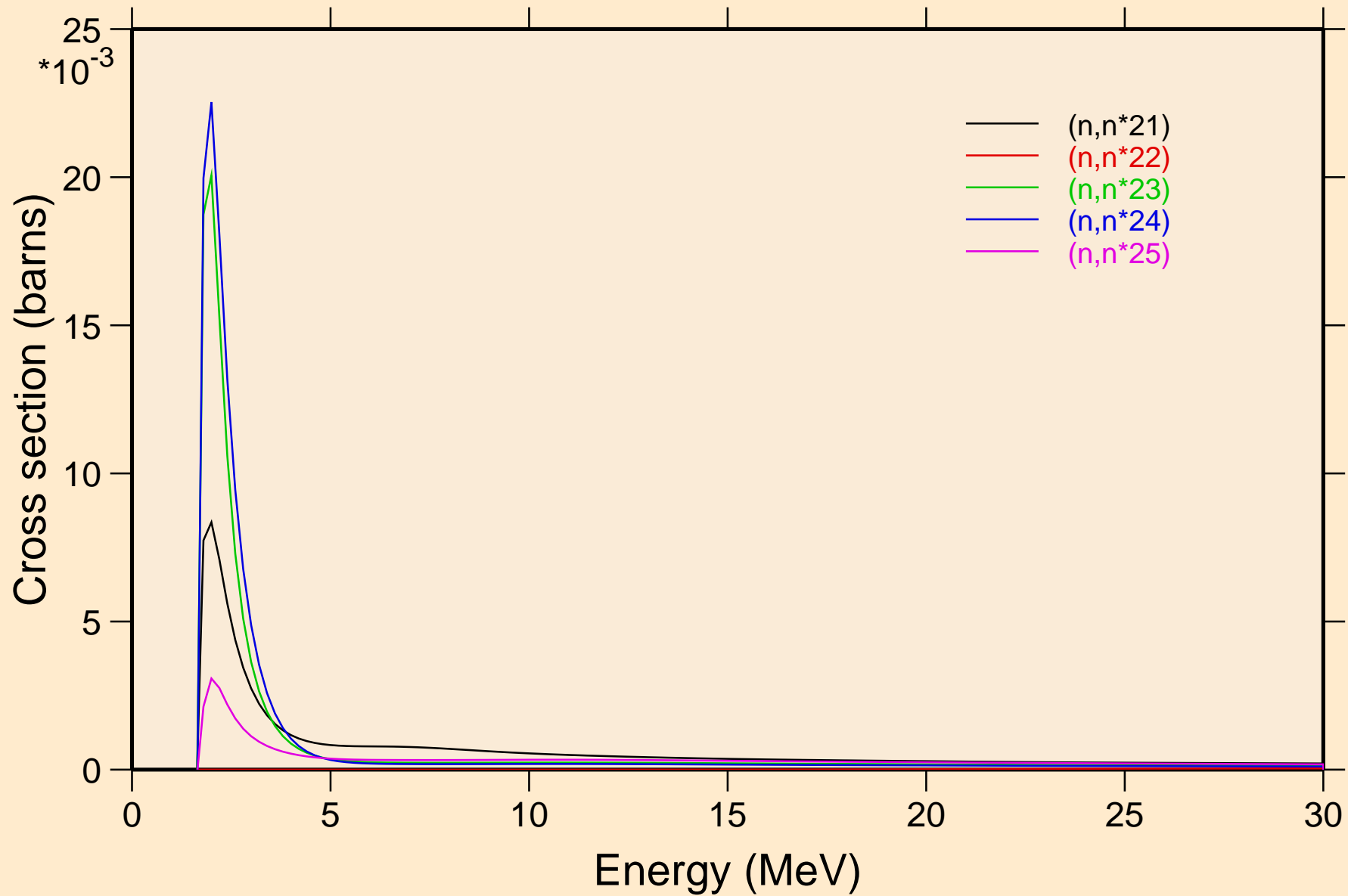
## Inelastic levels





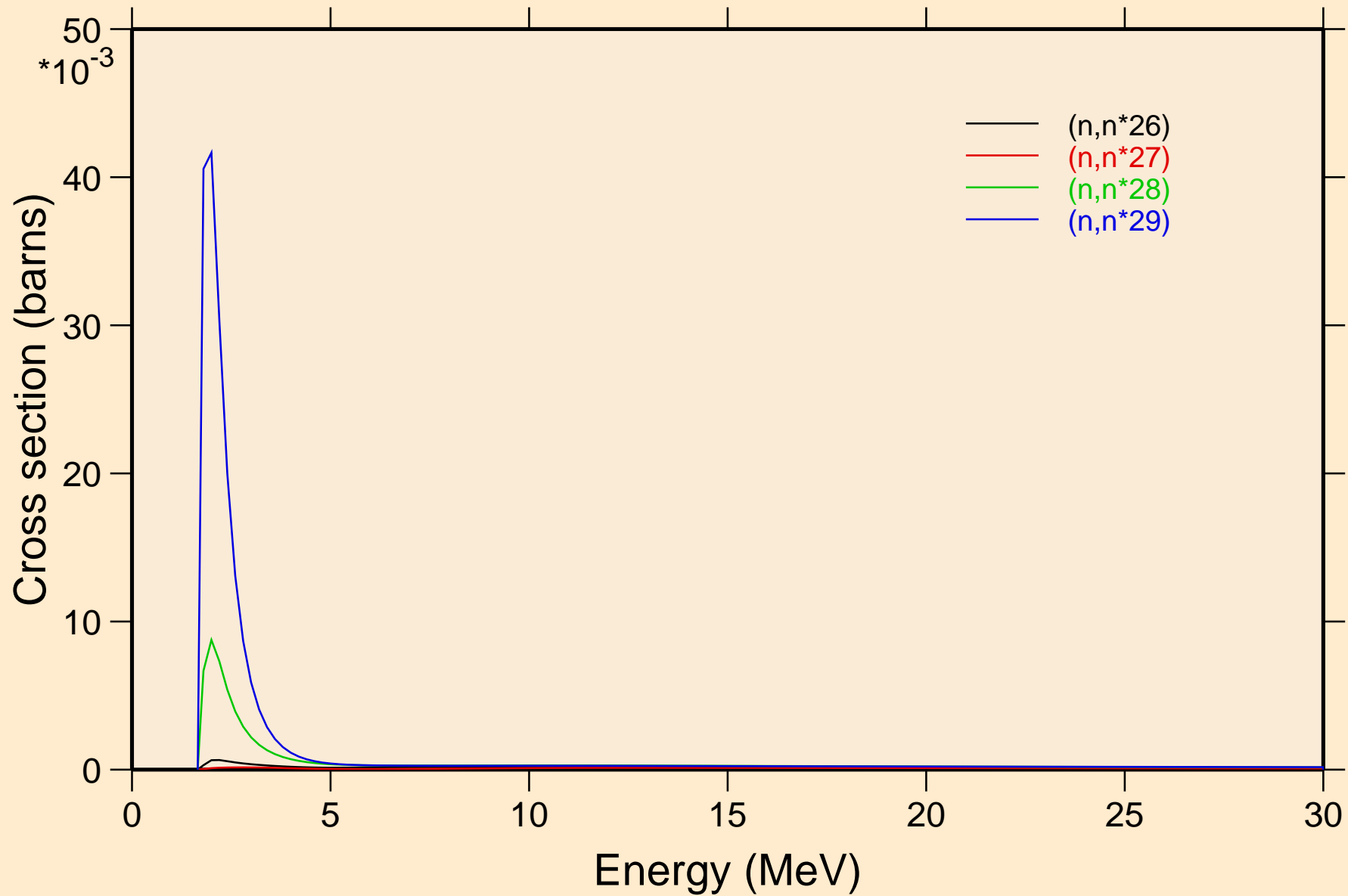
# HF183 NRG TENDL-2015, AKONING

## Inelastic levels



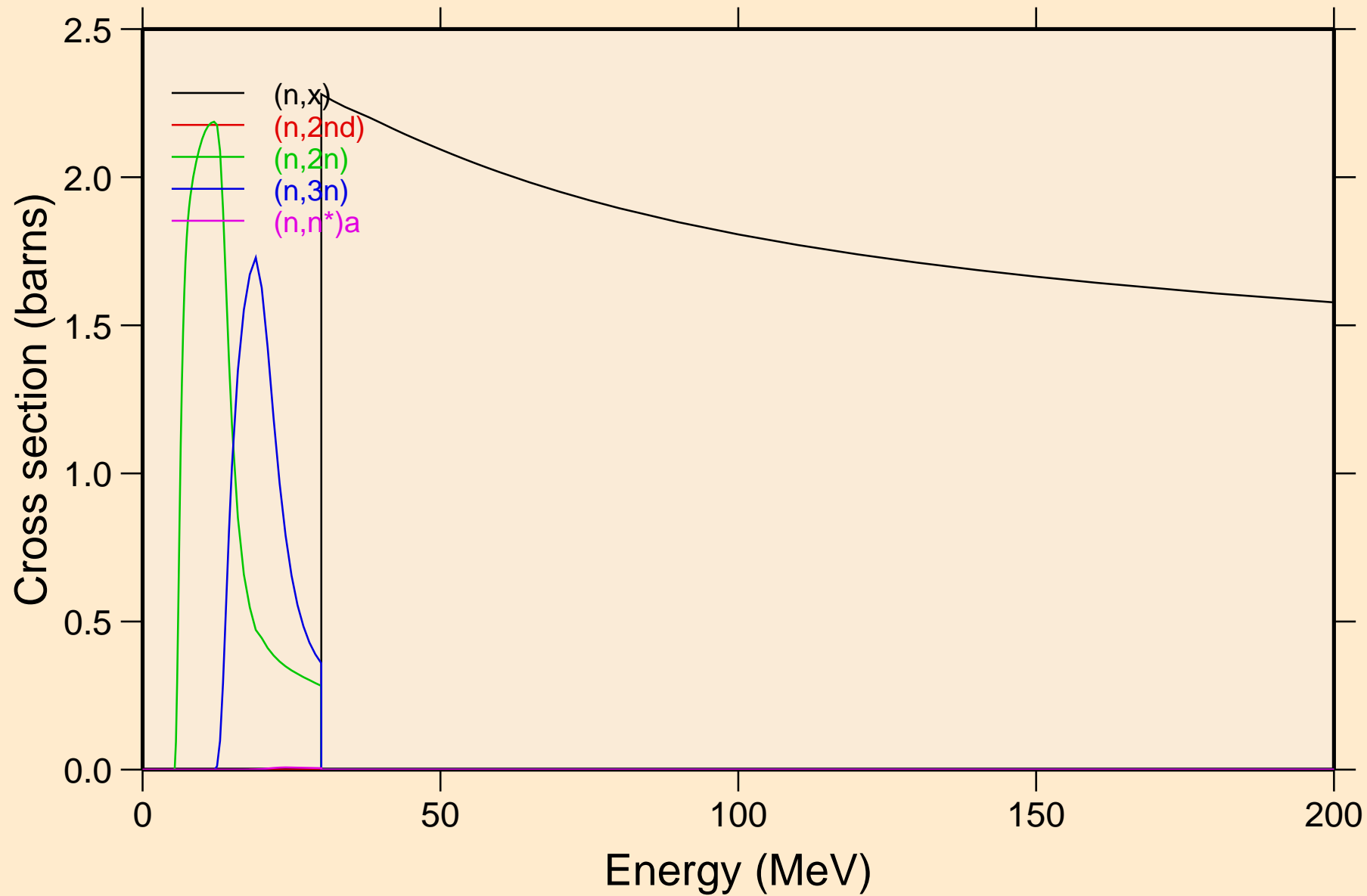
# HF183 NRG TENDL-2015, AKONING

## Inelastic levels



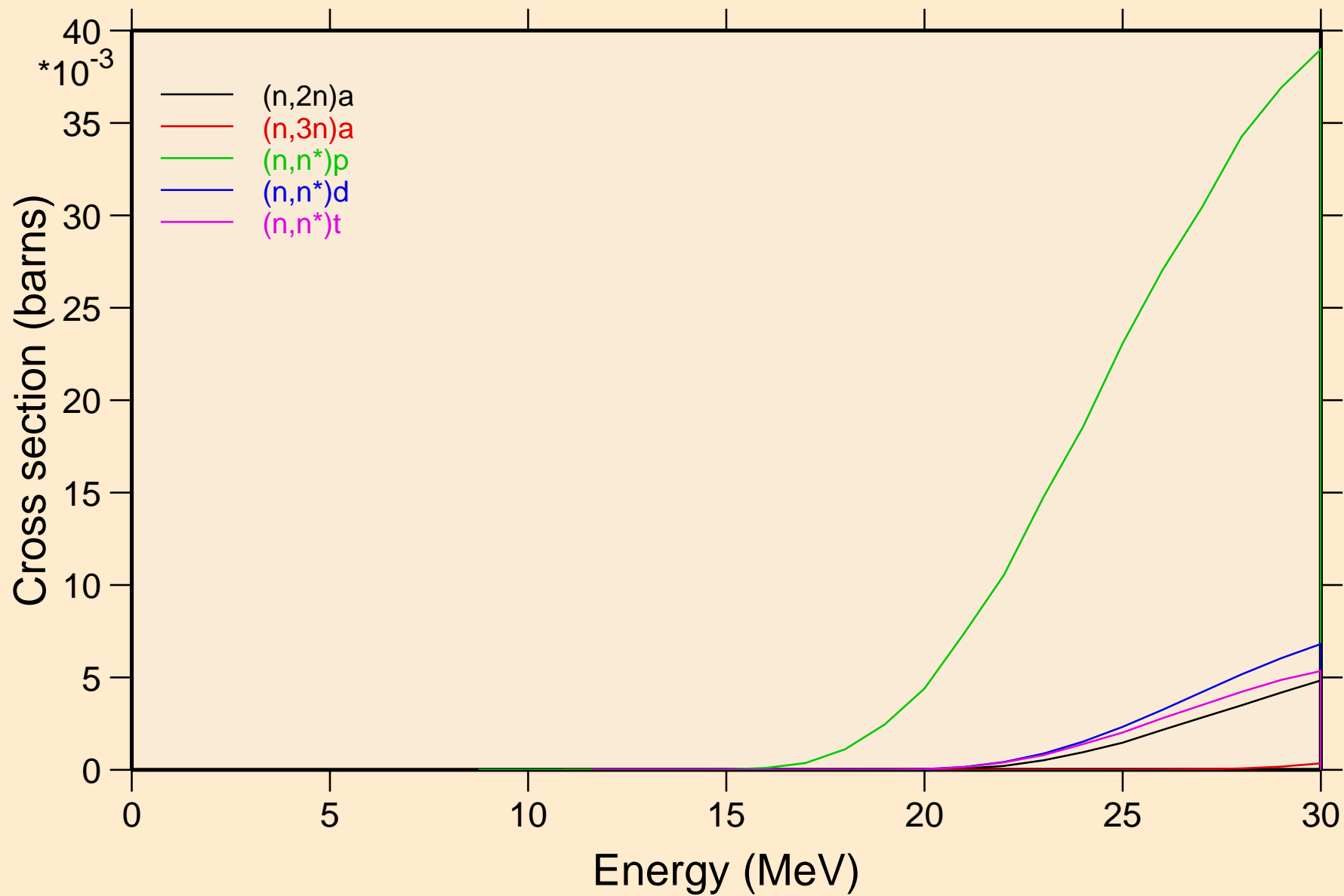
# HF183 NRG TENDL-2015, AKONING

## Threshold reactions



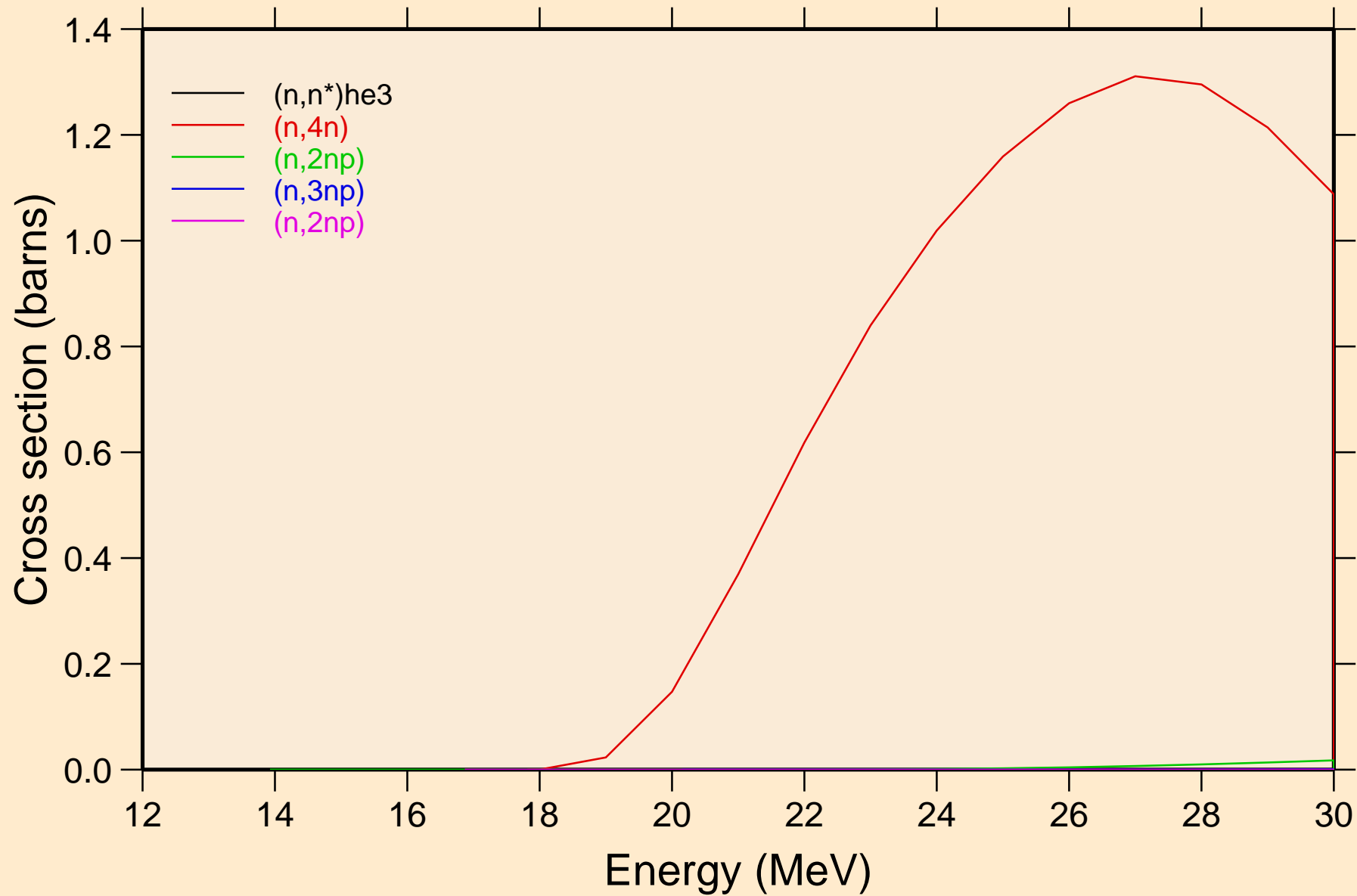
# HF183 NRG TENDL-2015, AKONING

## Threshold reactions



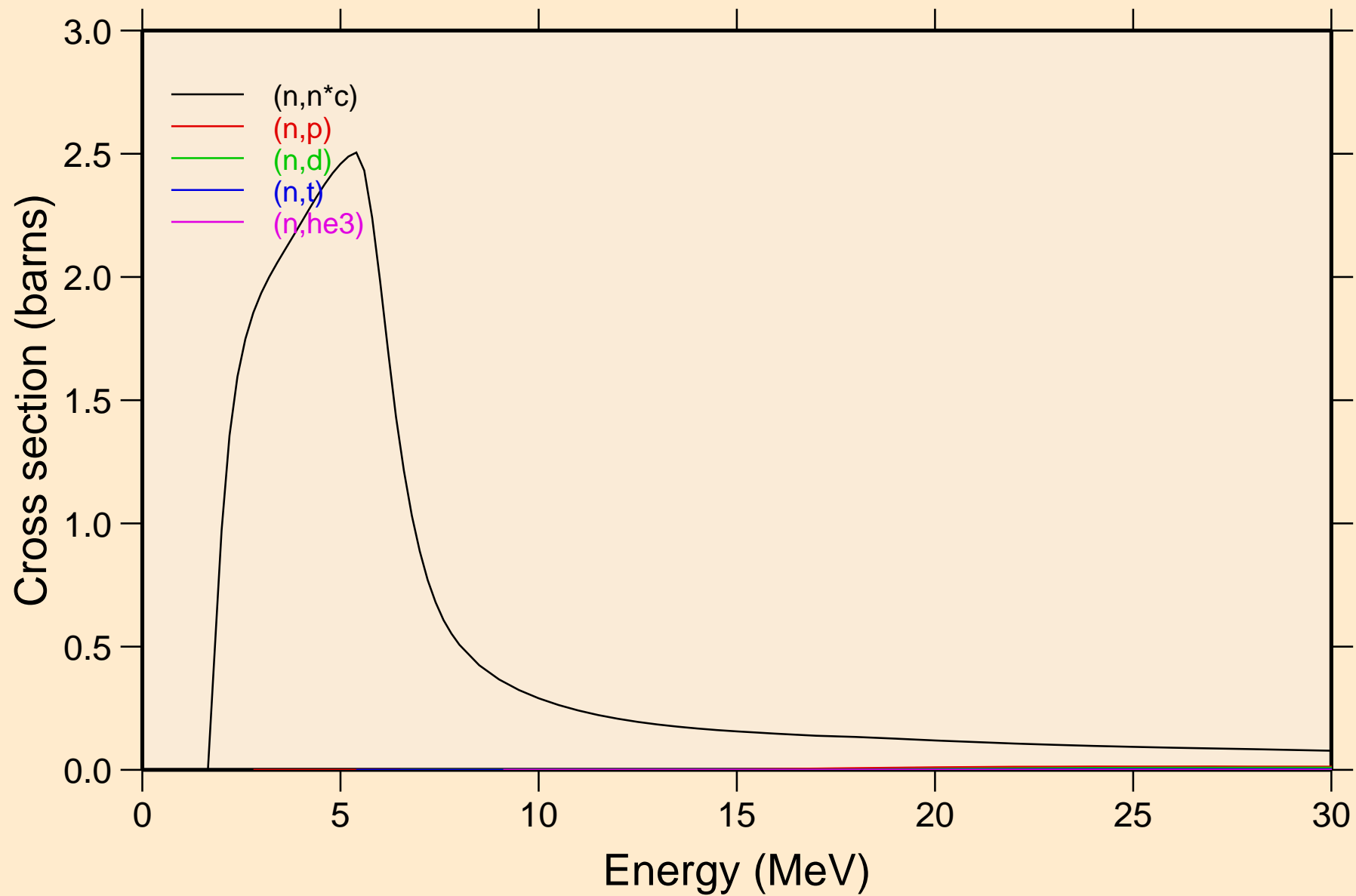
# HF183 NRG TENDL-2015, AKONING

## Threshold reactions



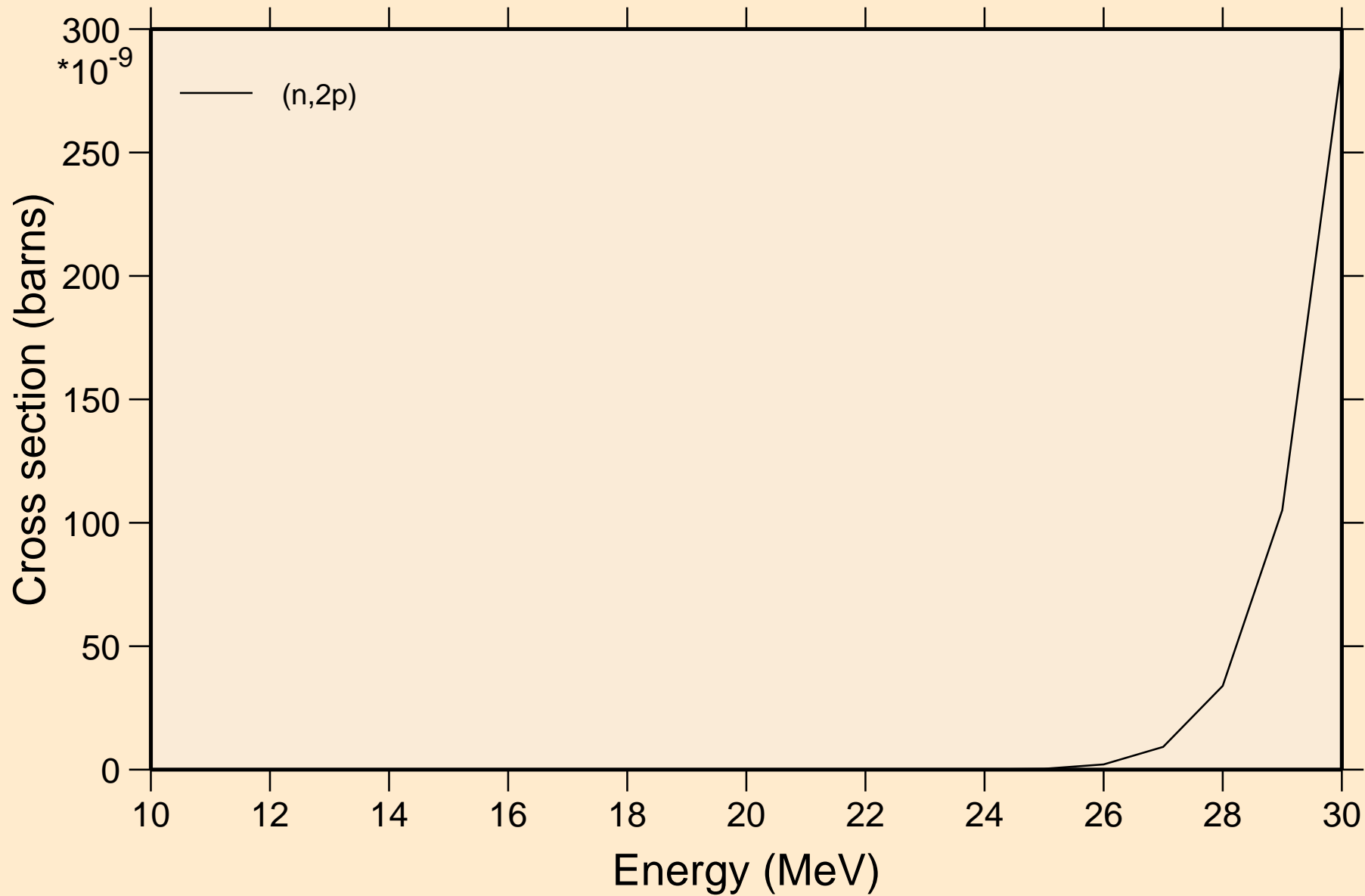
# HF183 NRG TENDL-2015, AKONING

## Threshold reactions

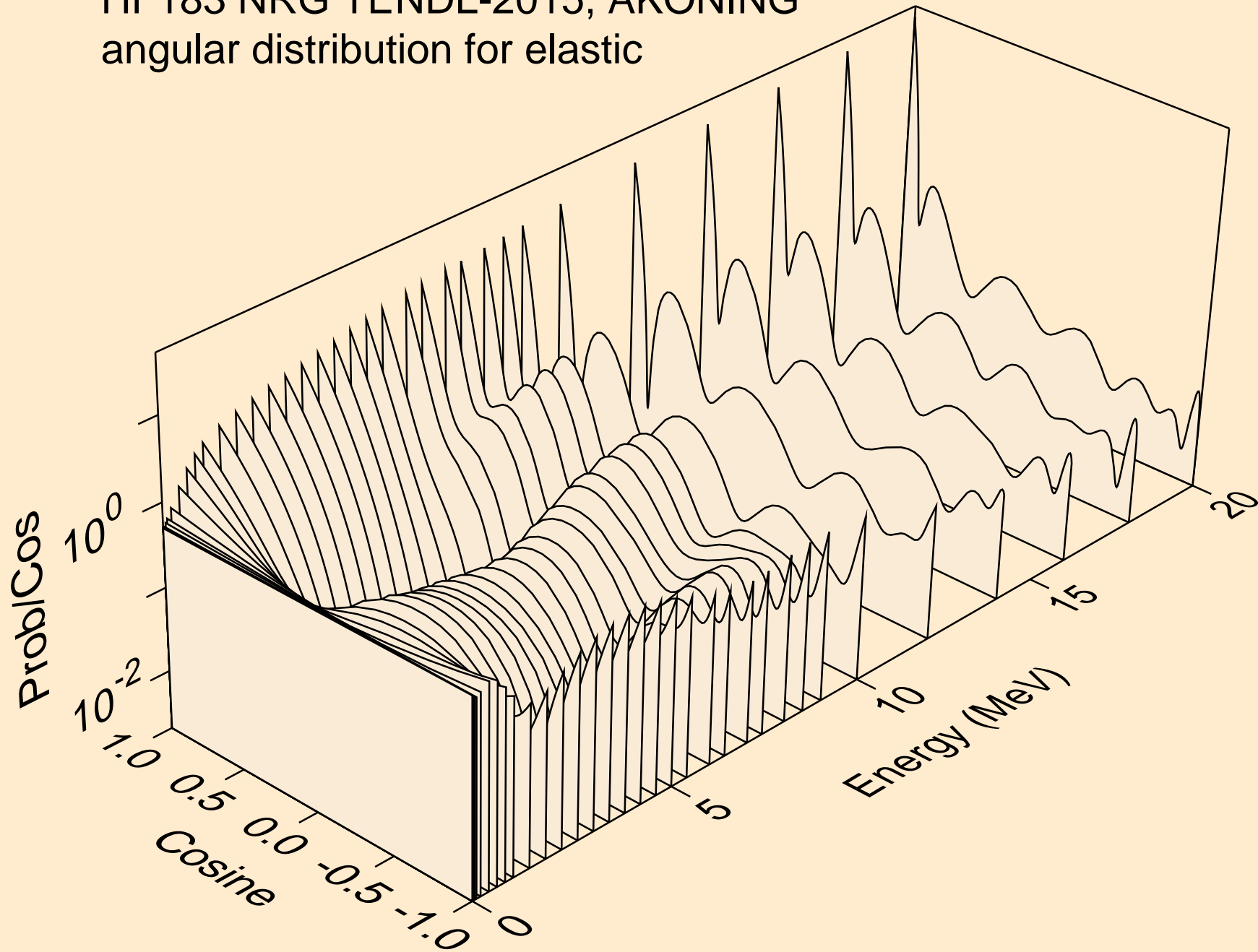


# HF183 NRG TENDL-2015, AKONING

## Threshold reactions

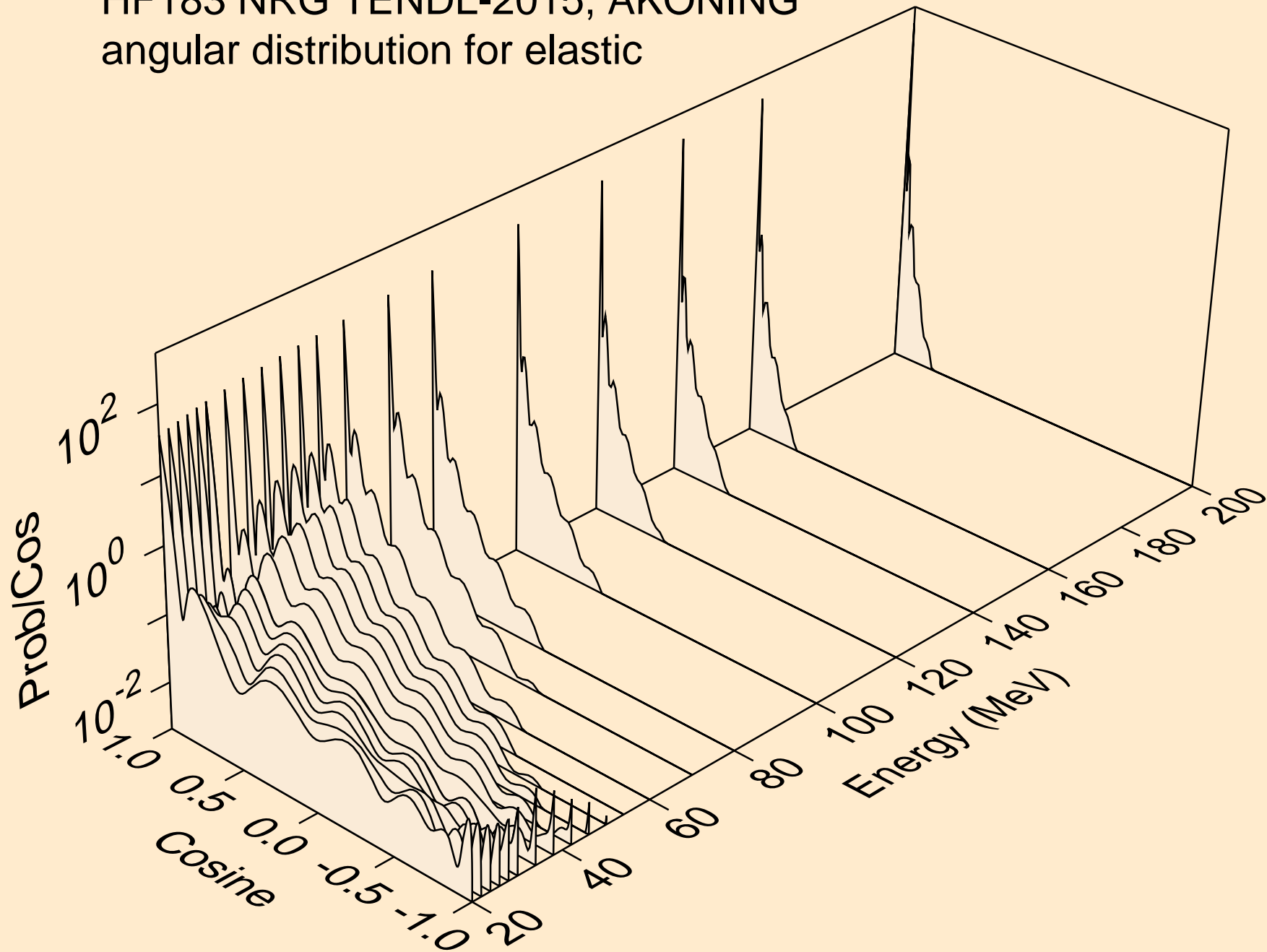


HF183 NRG TENDL-2015, AKONING  
angular distribution for elastic

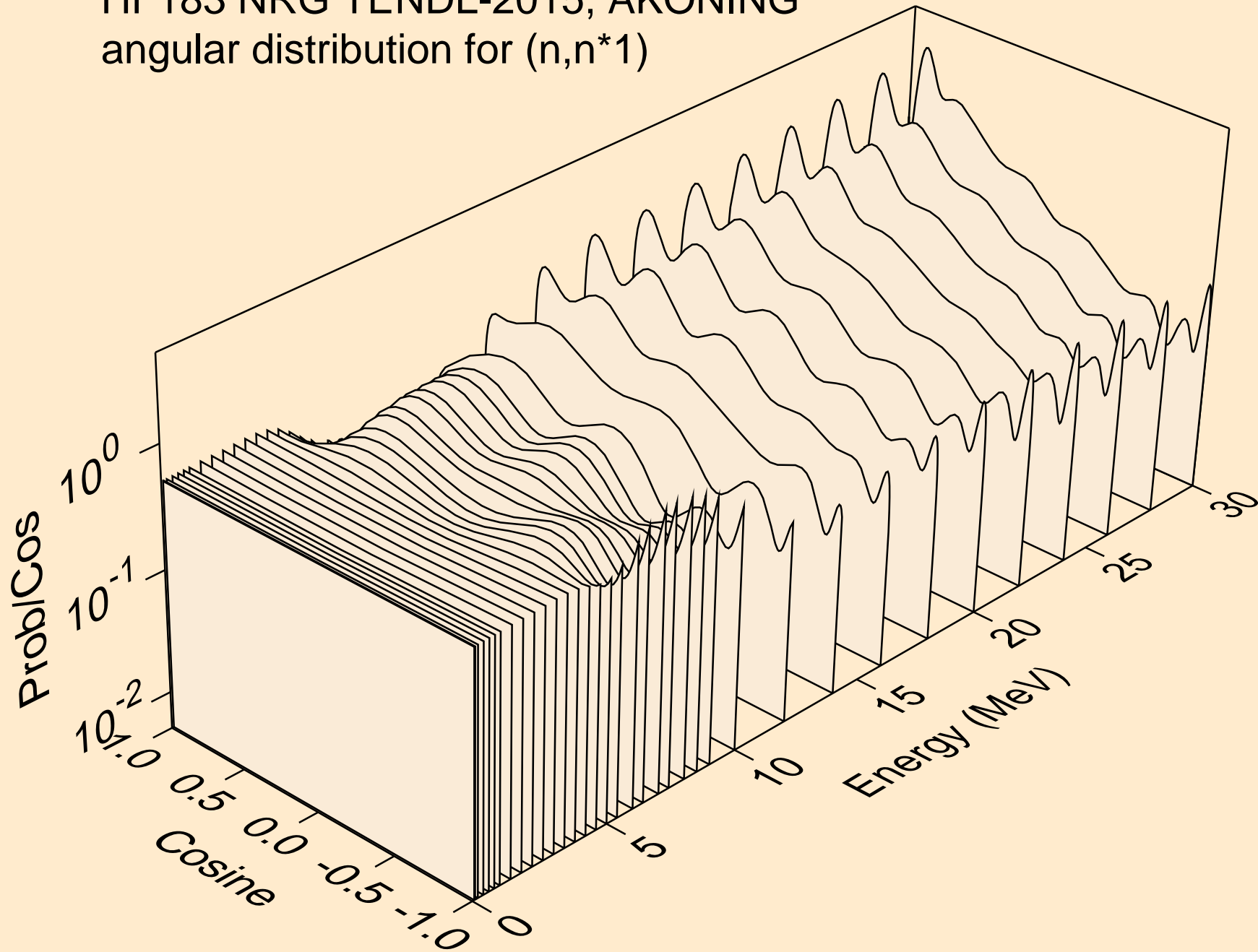




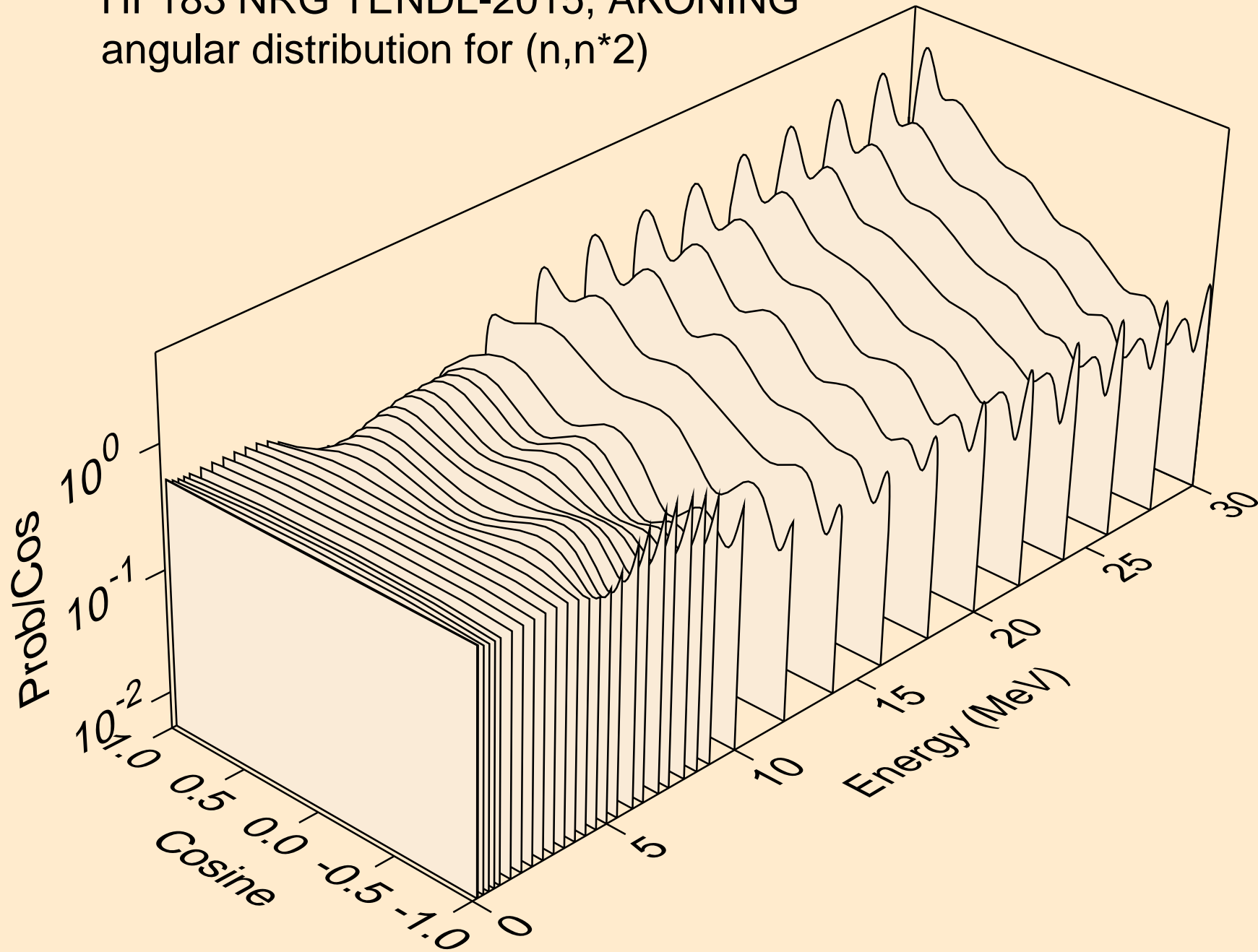
HF183 NRG TENDL-2015, AKONING  
angular distribution for elastic



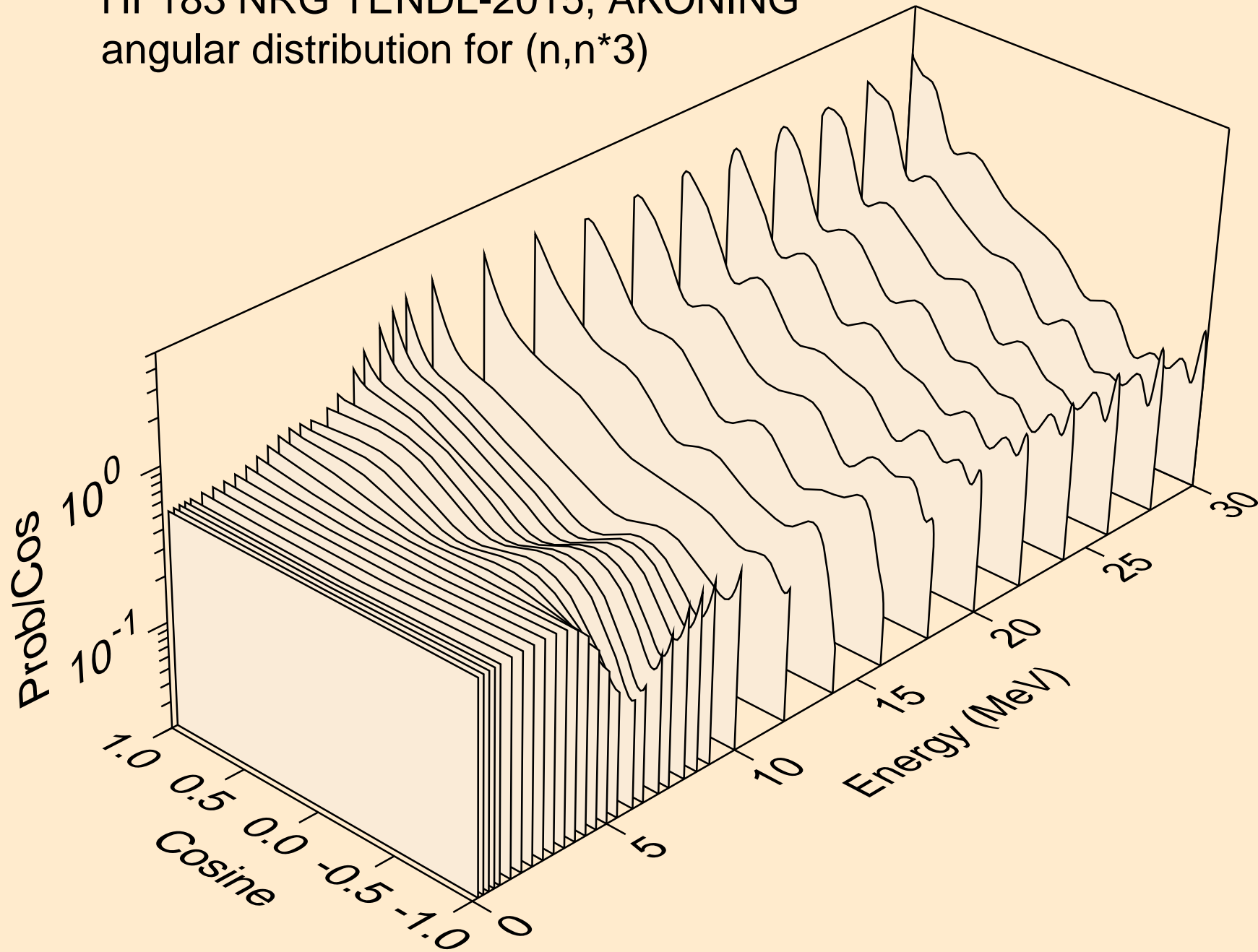
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



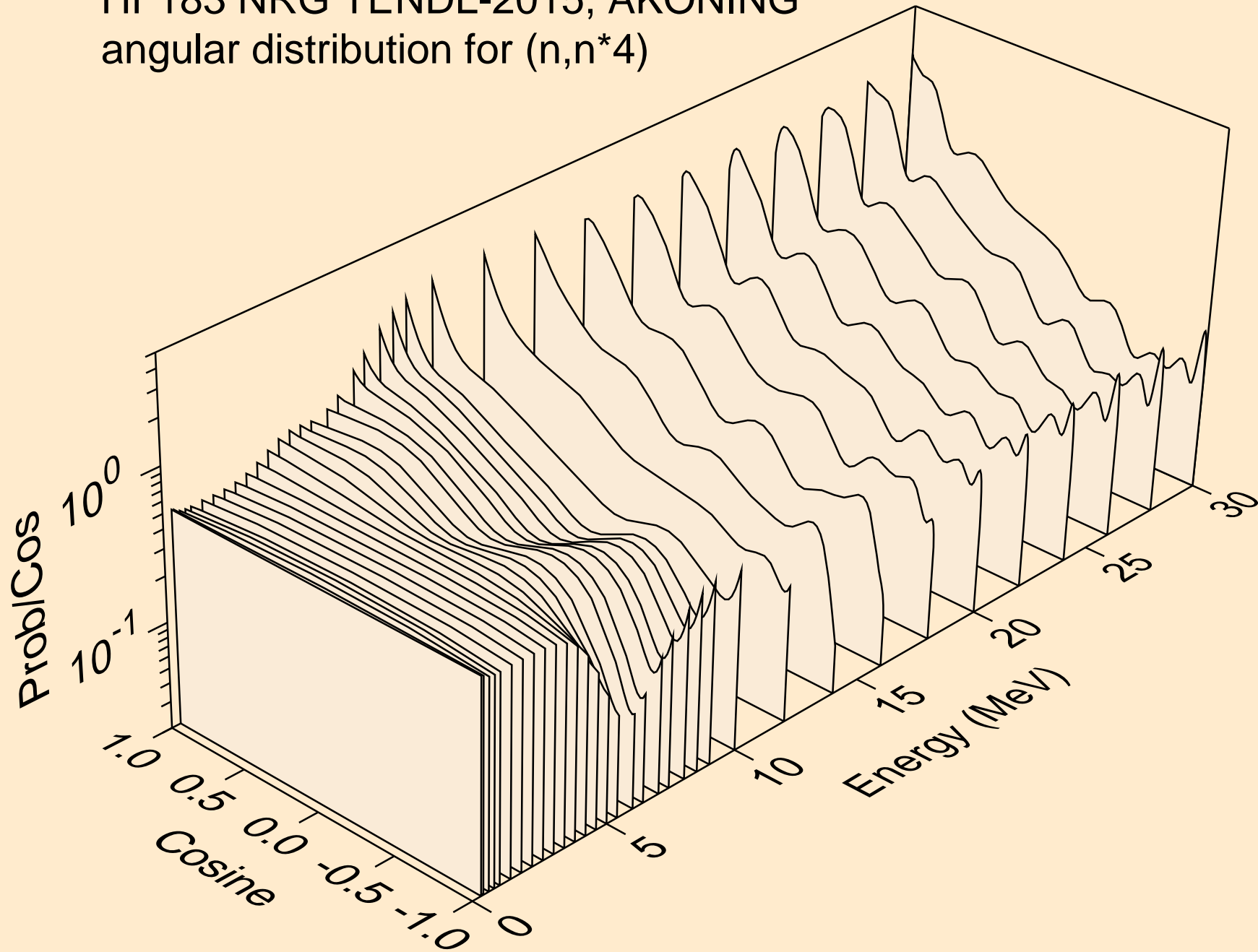
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



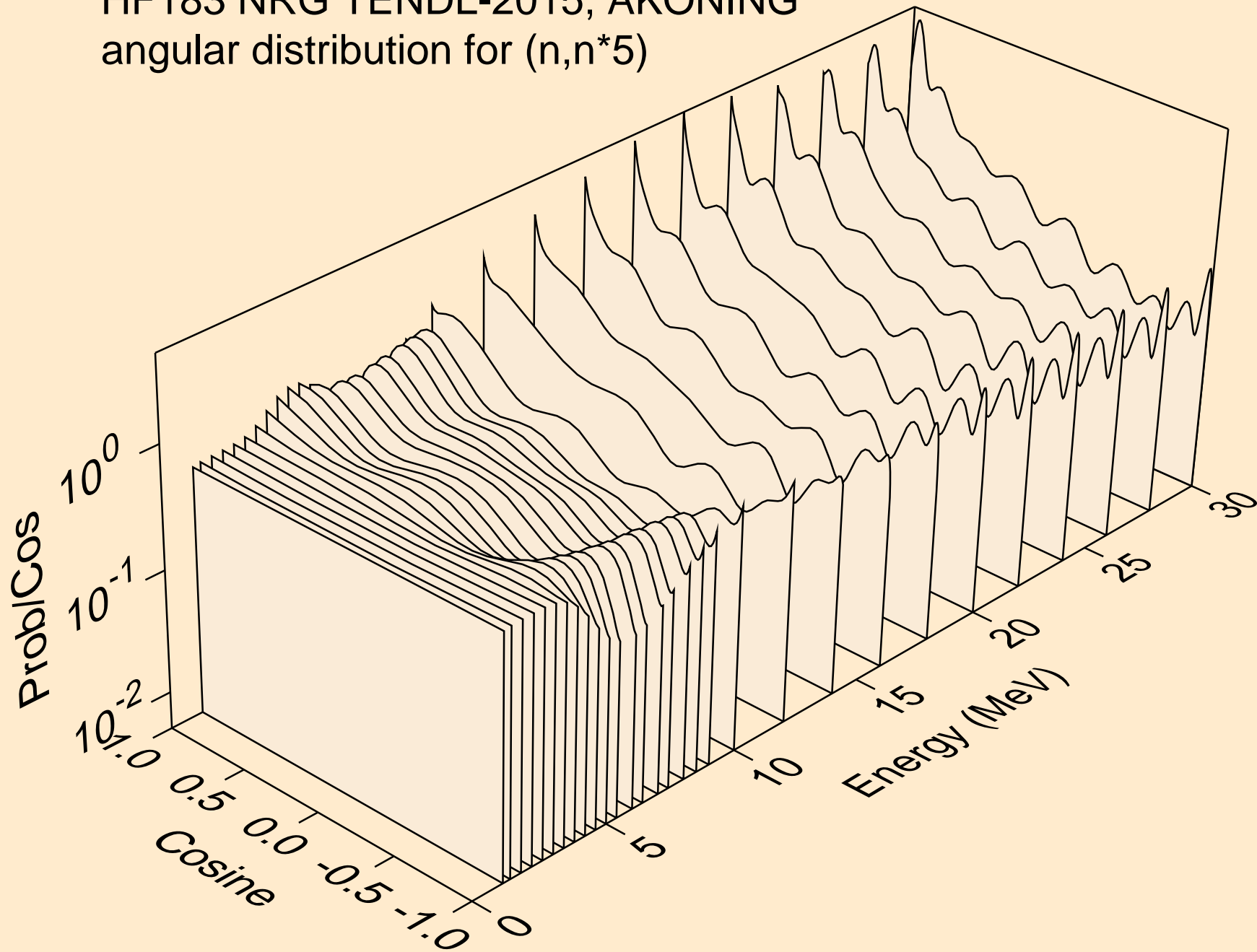
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



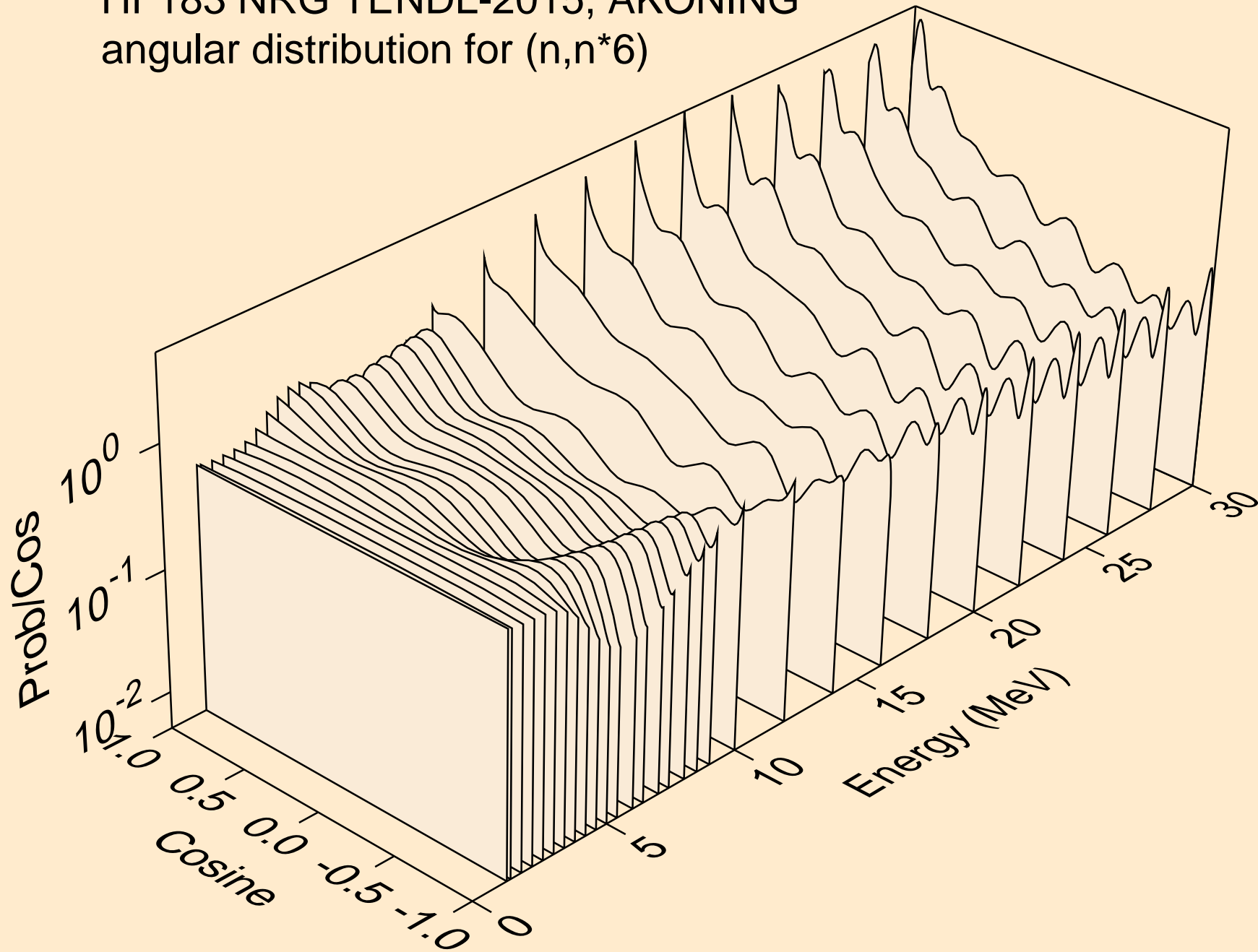
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



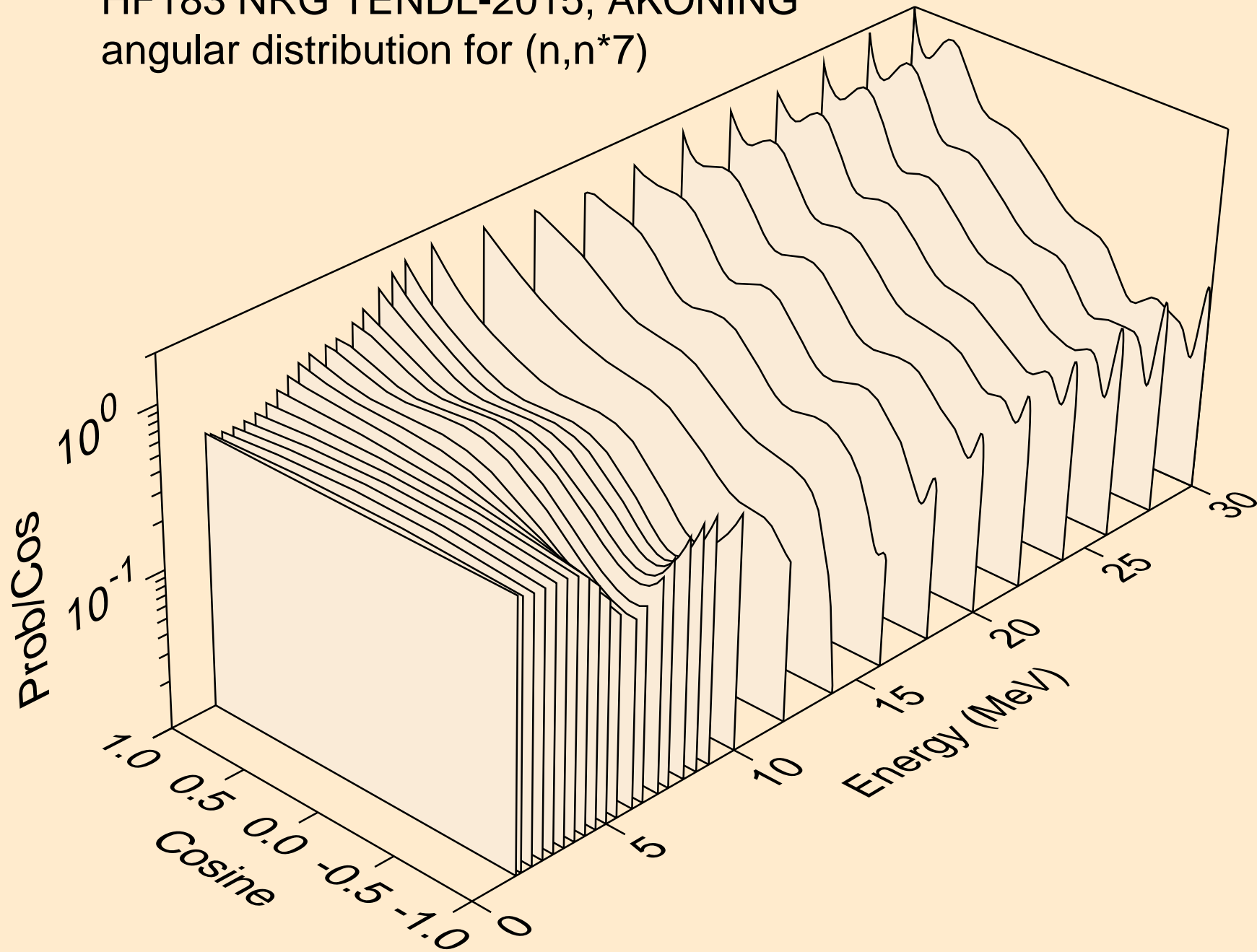
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

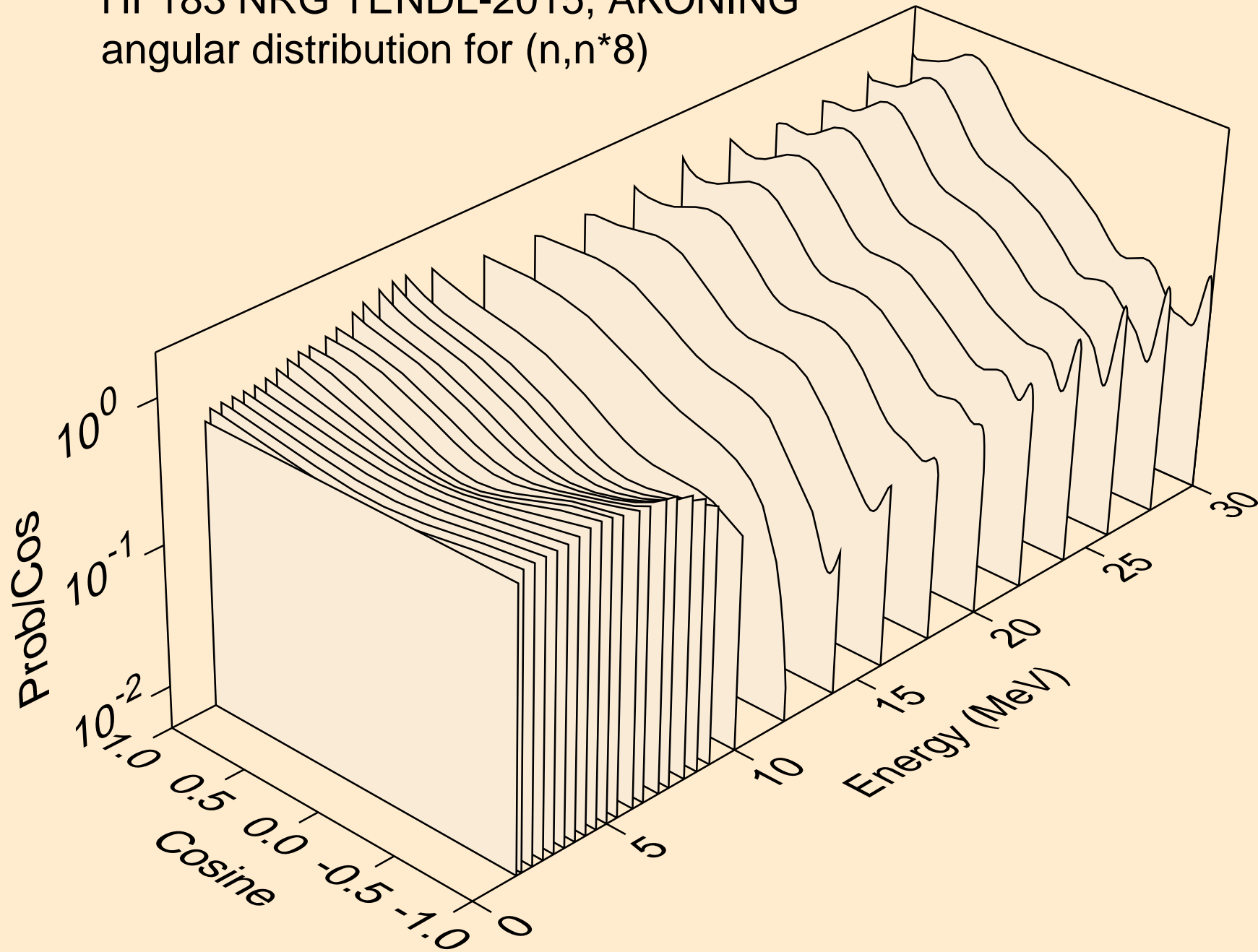


HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

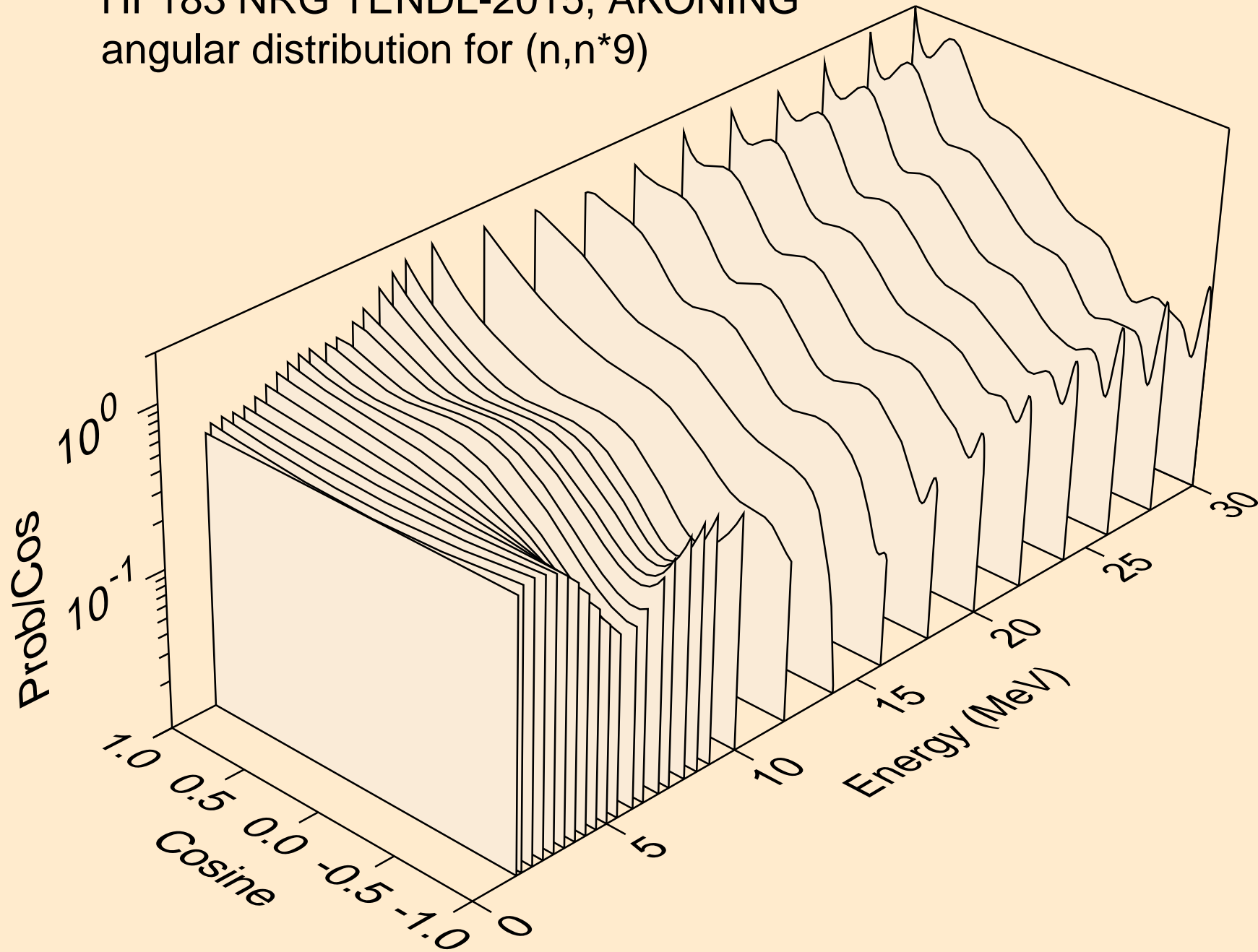




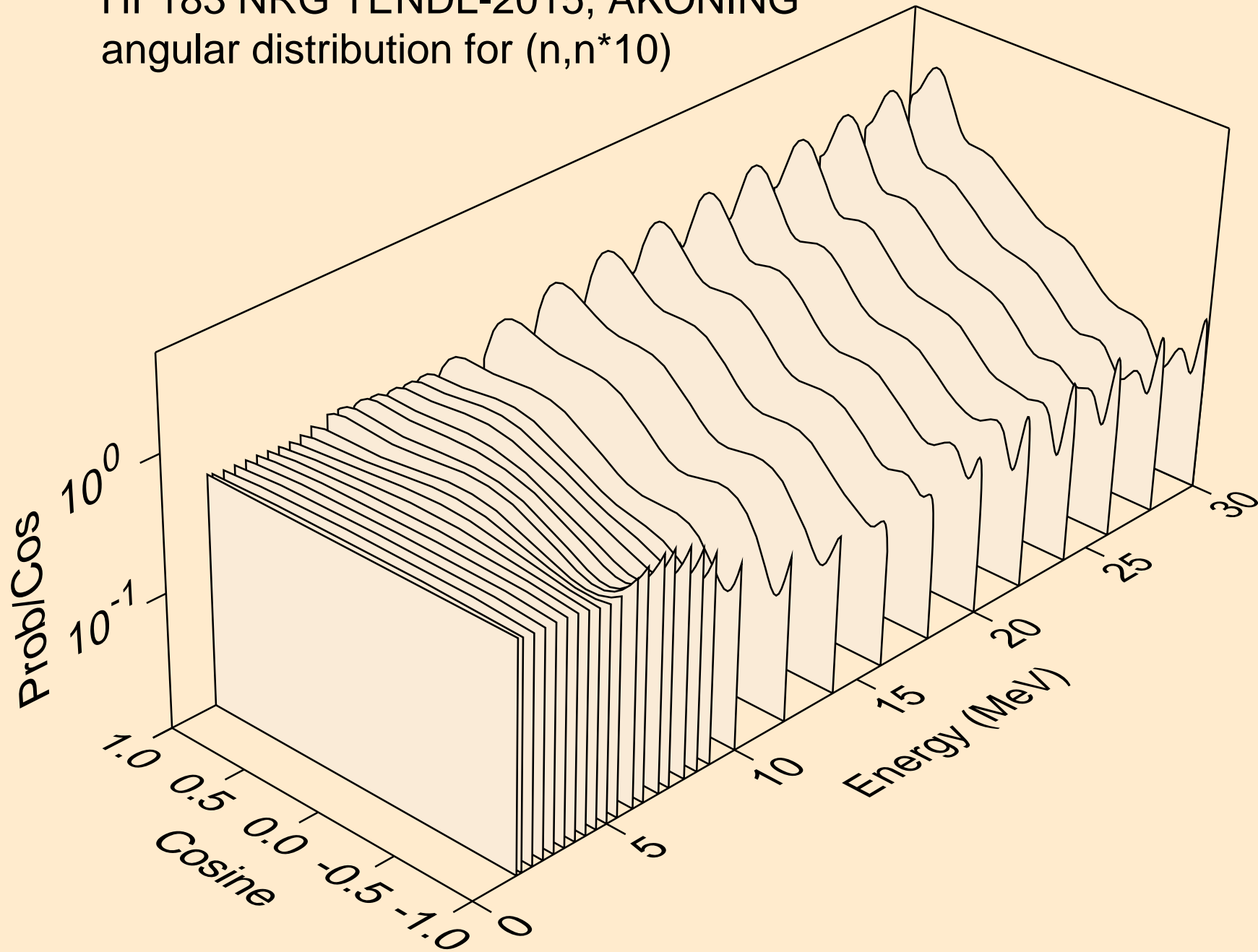
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



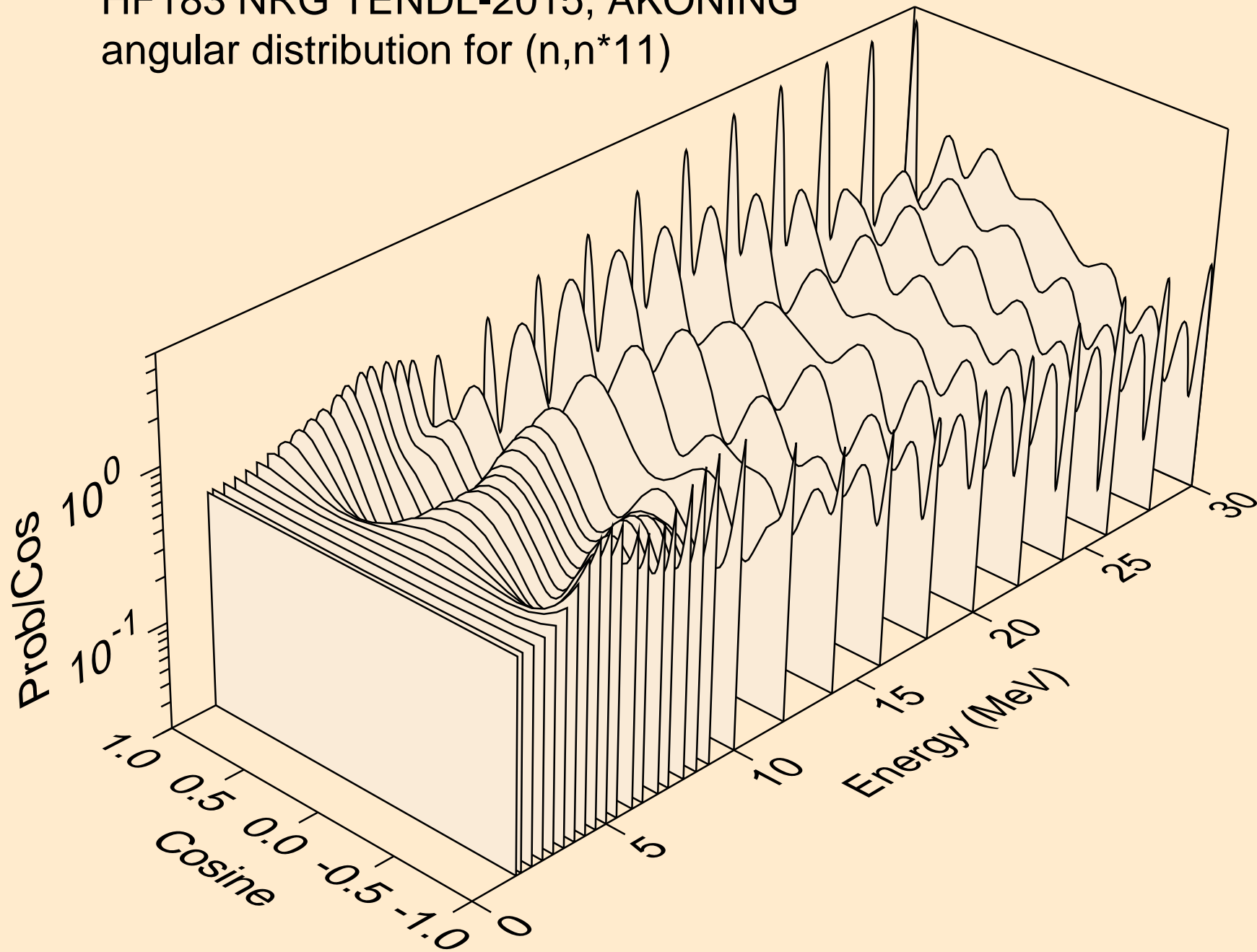
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



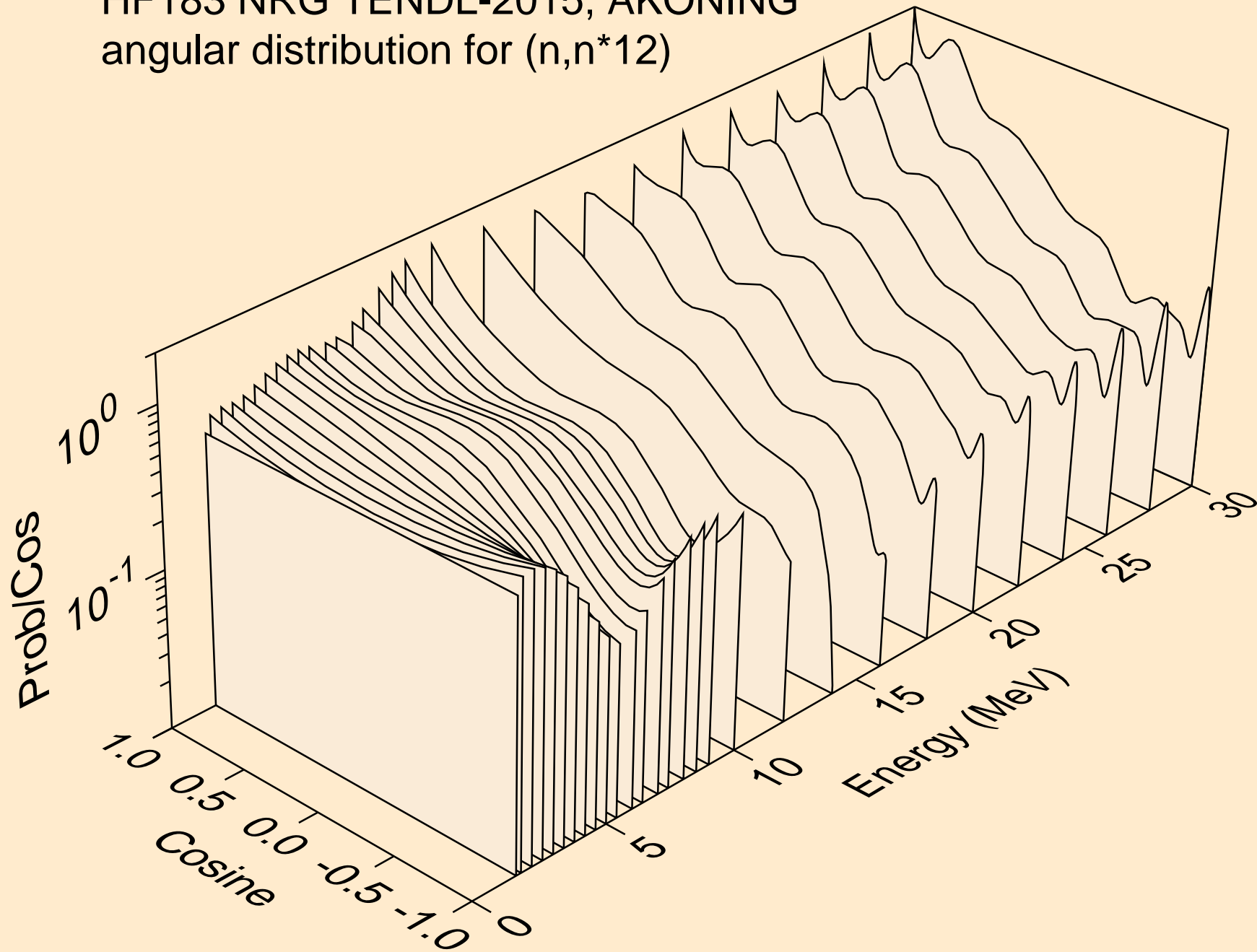
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



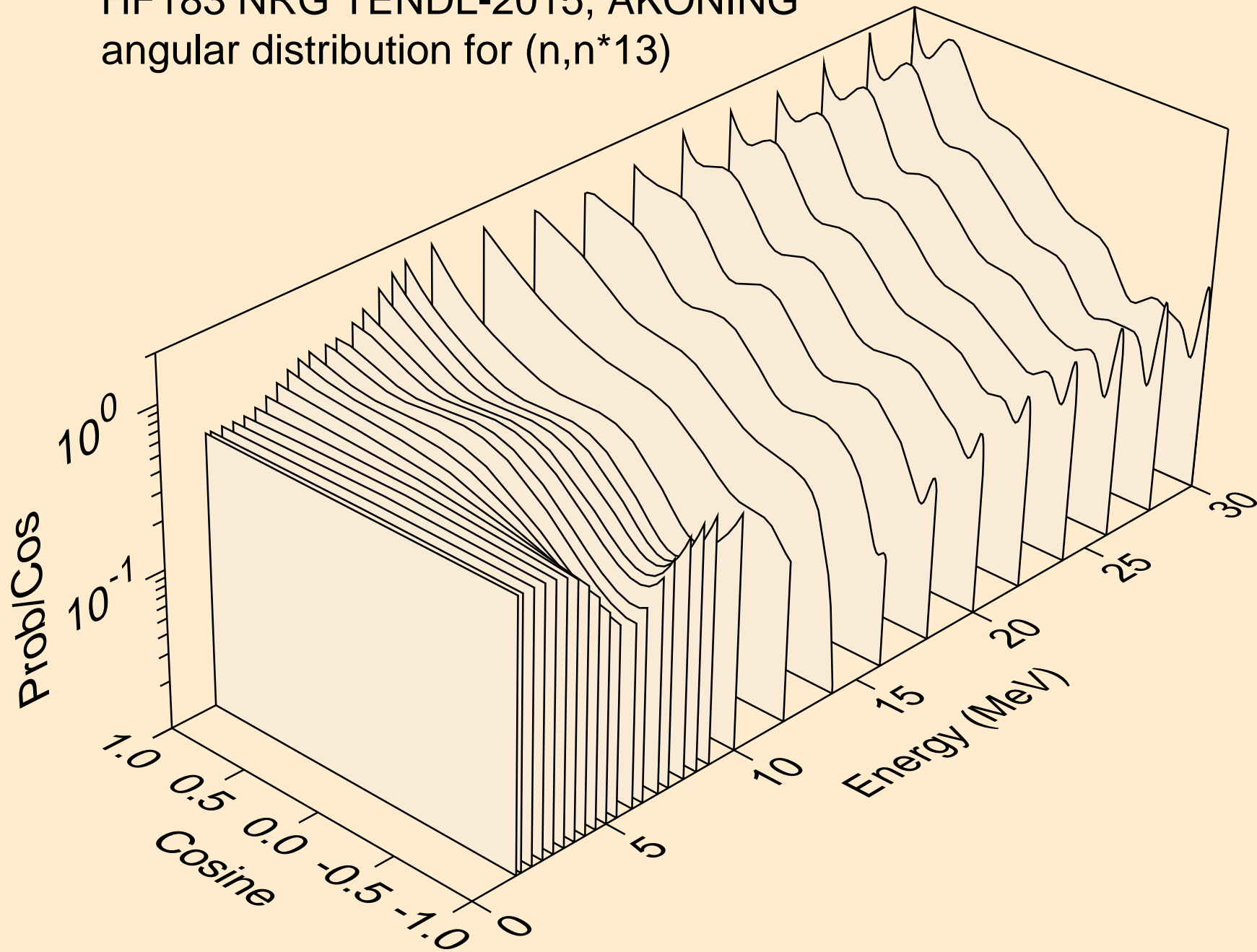
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



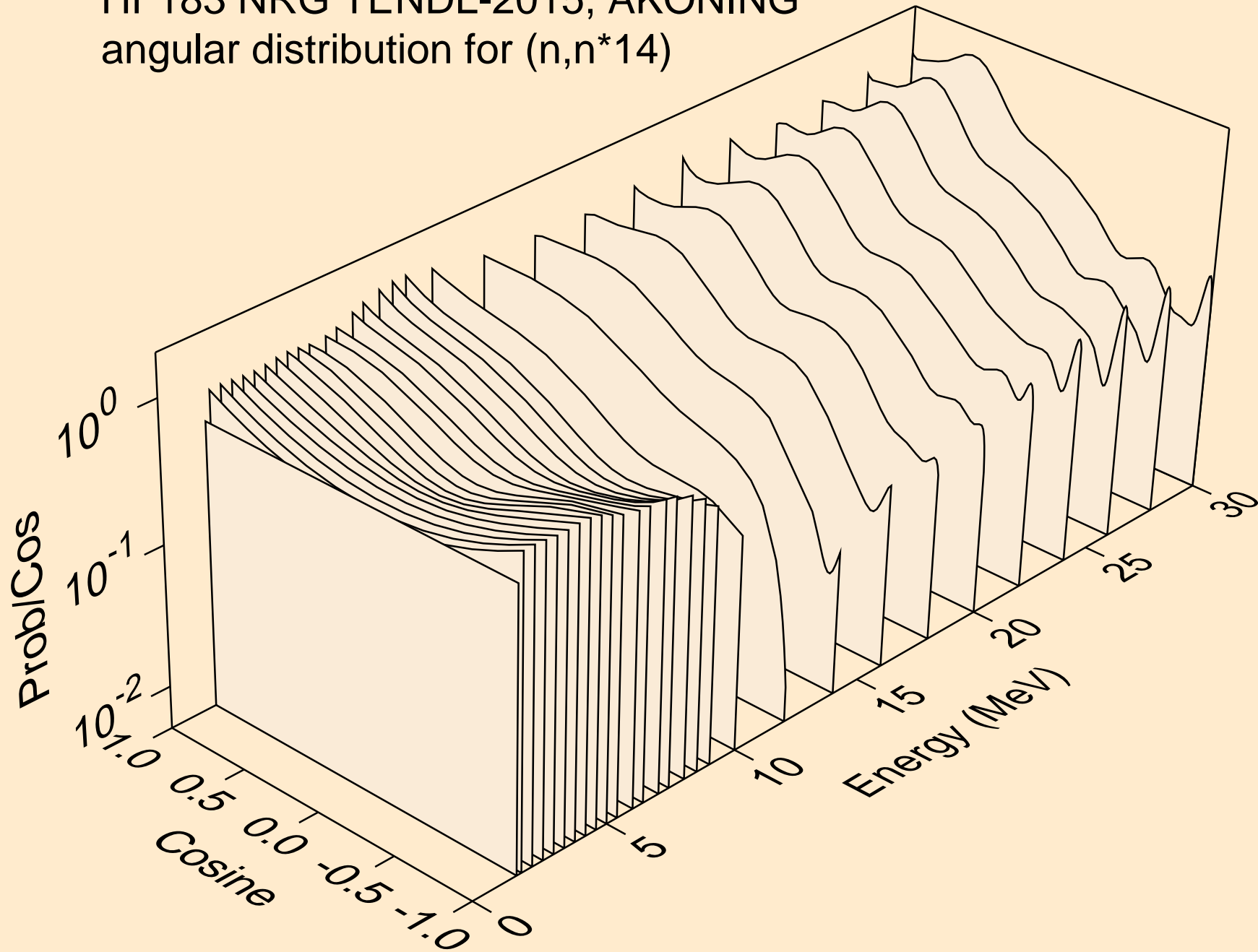
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



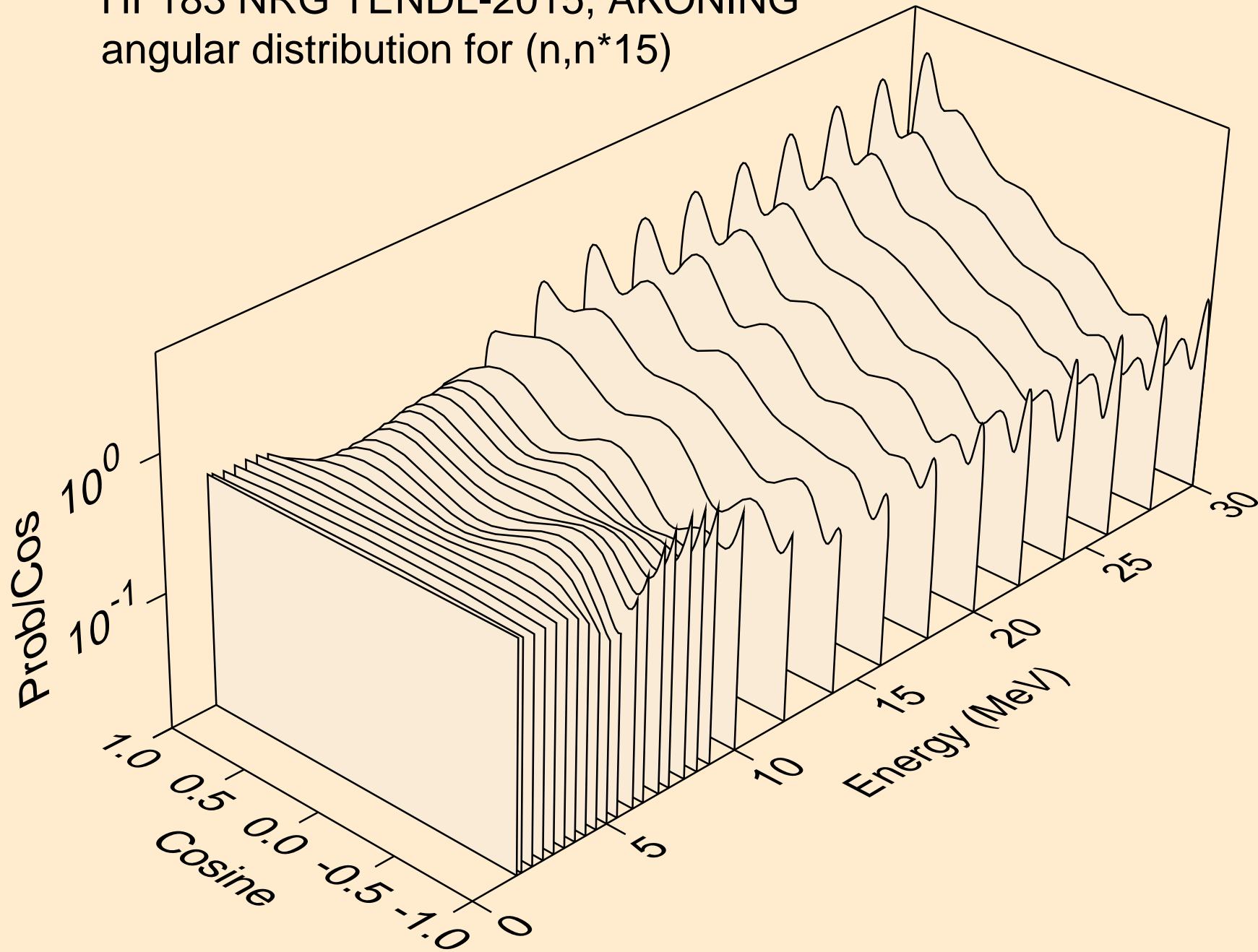
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

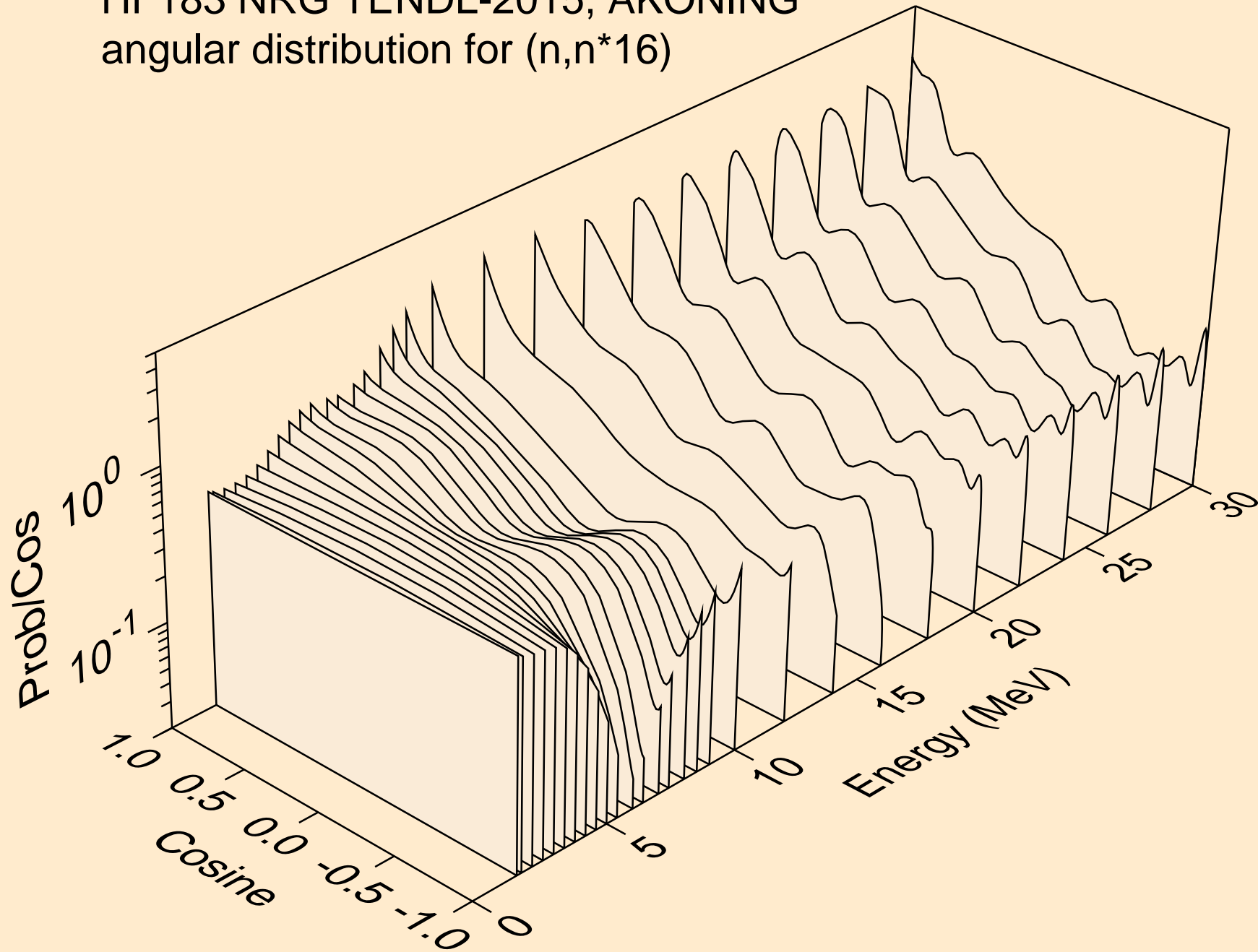


HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

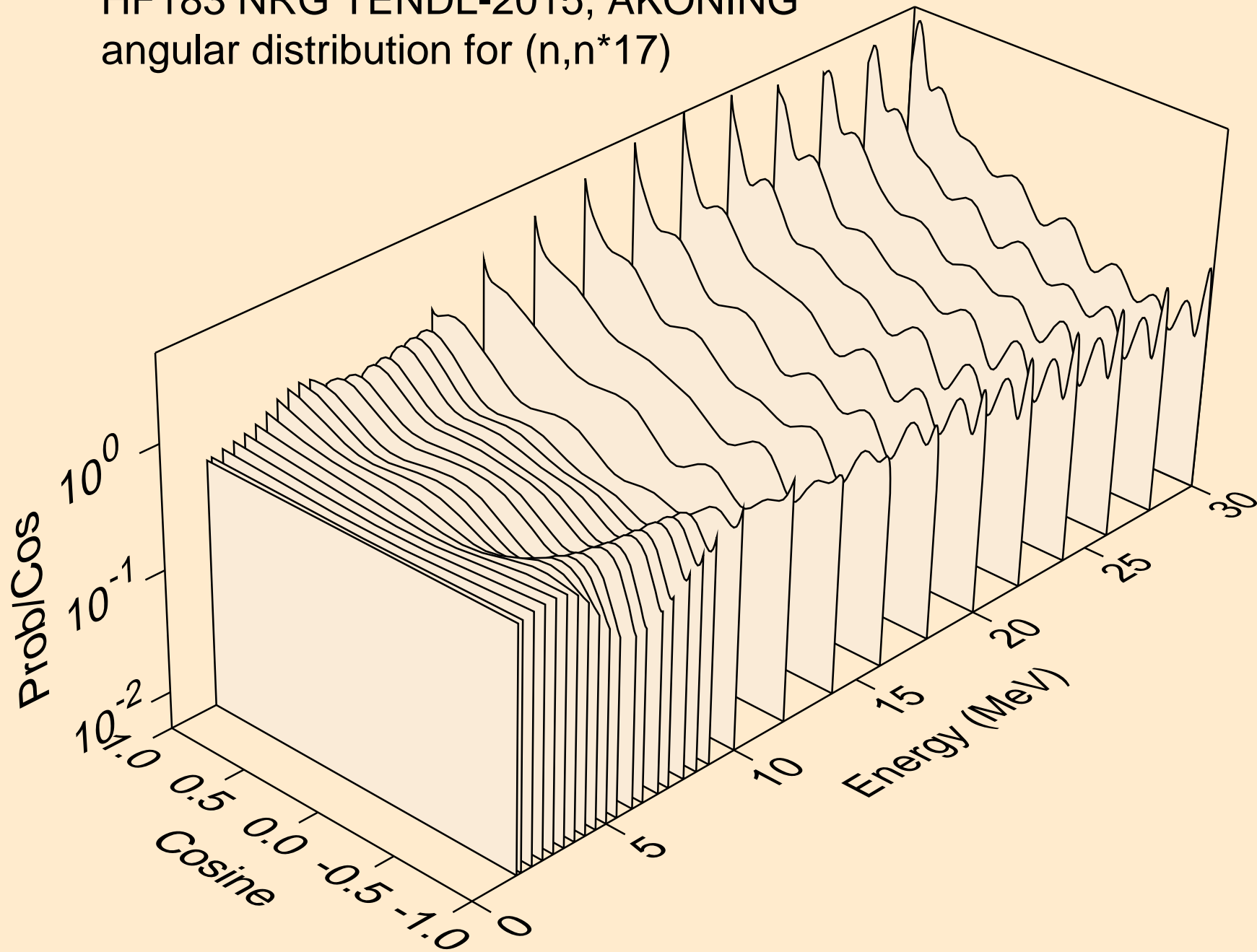




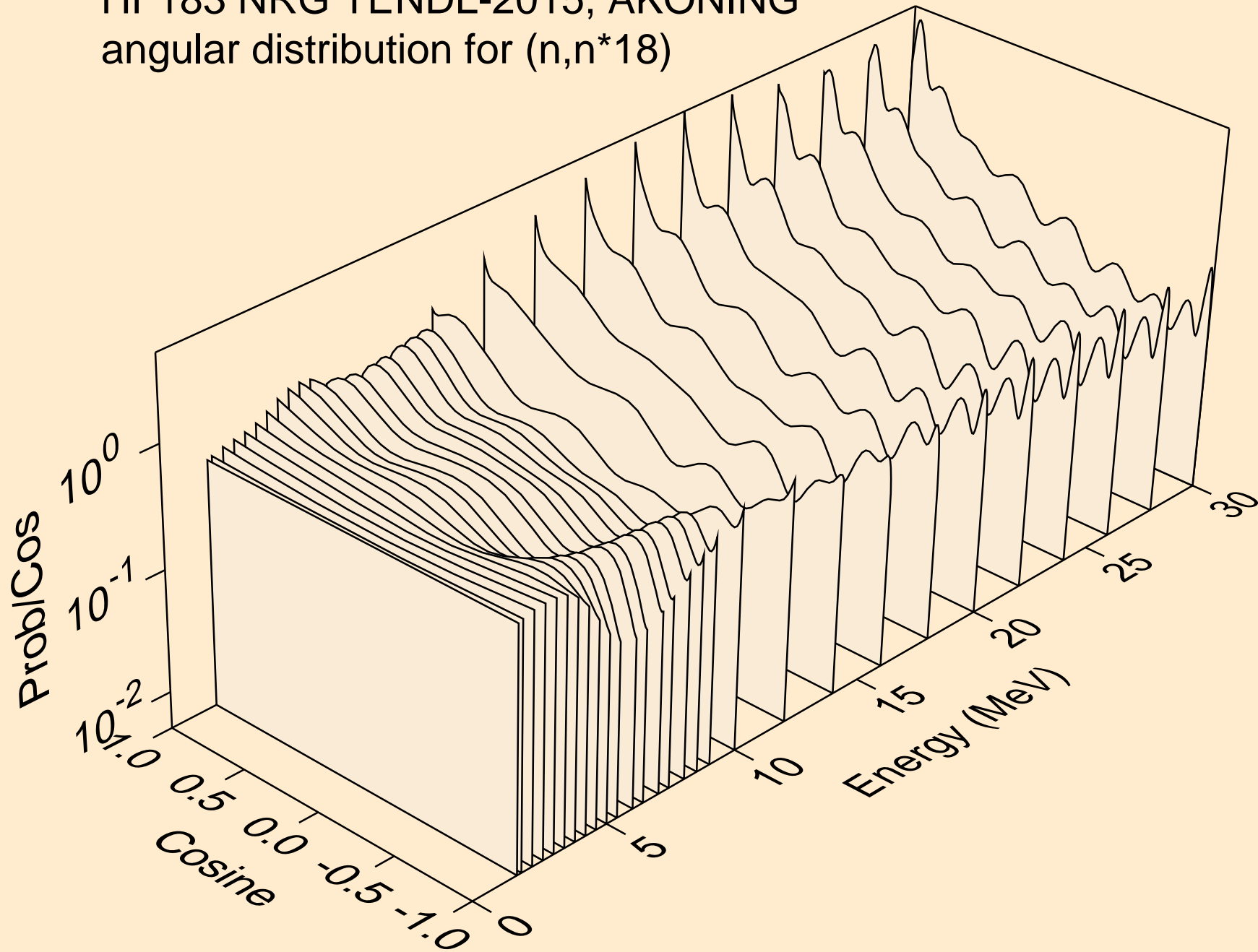
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



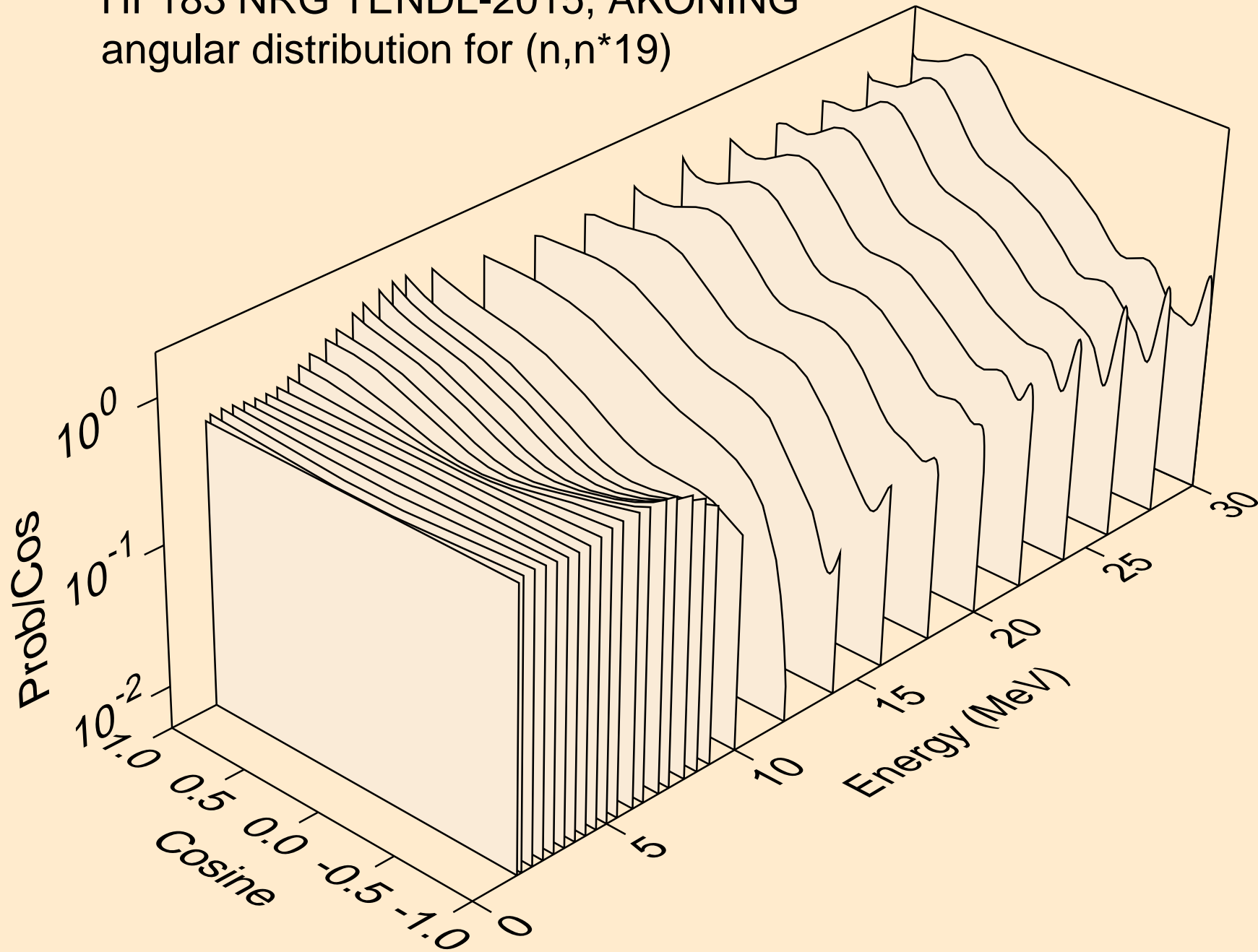
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angular distribution for (n,n\*17)



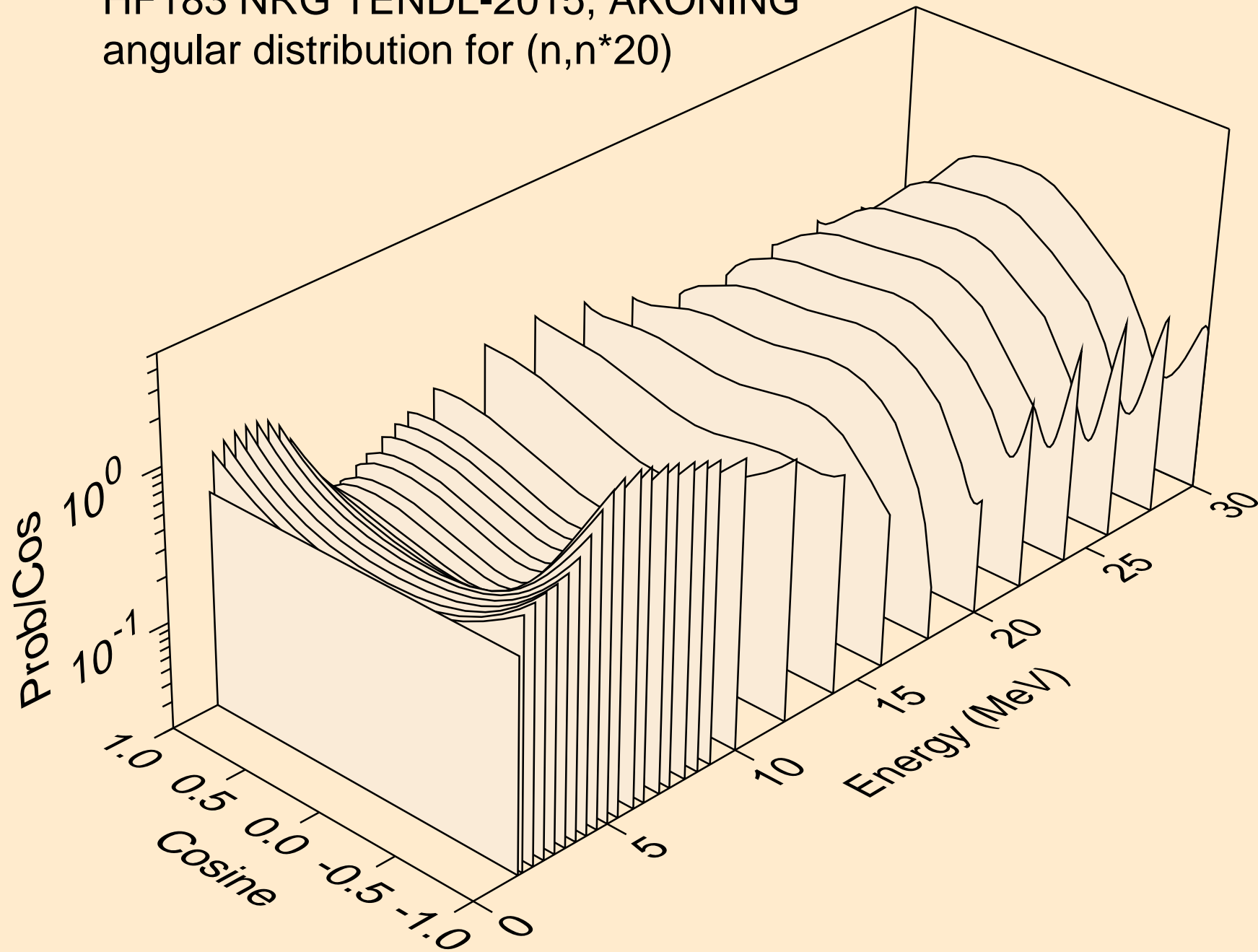
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



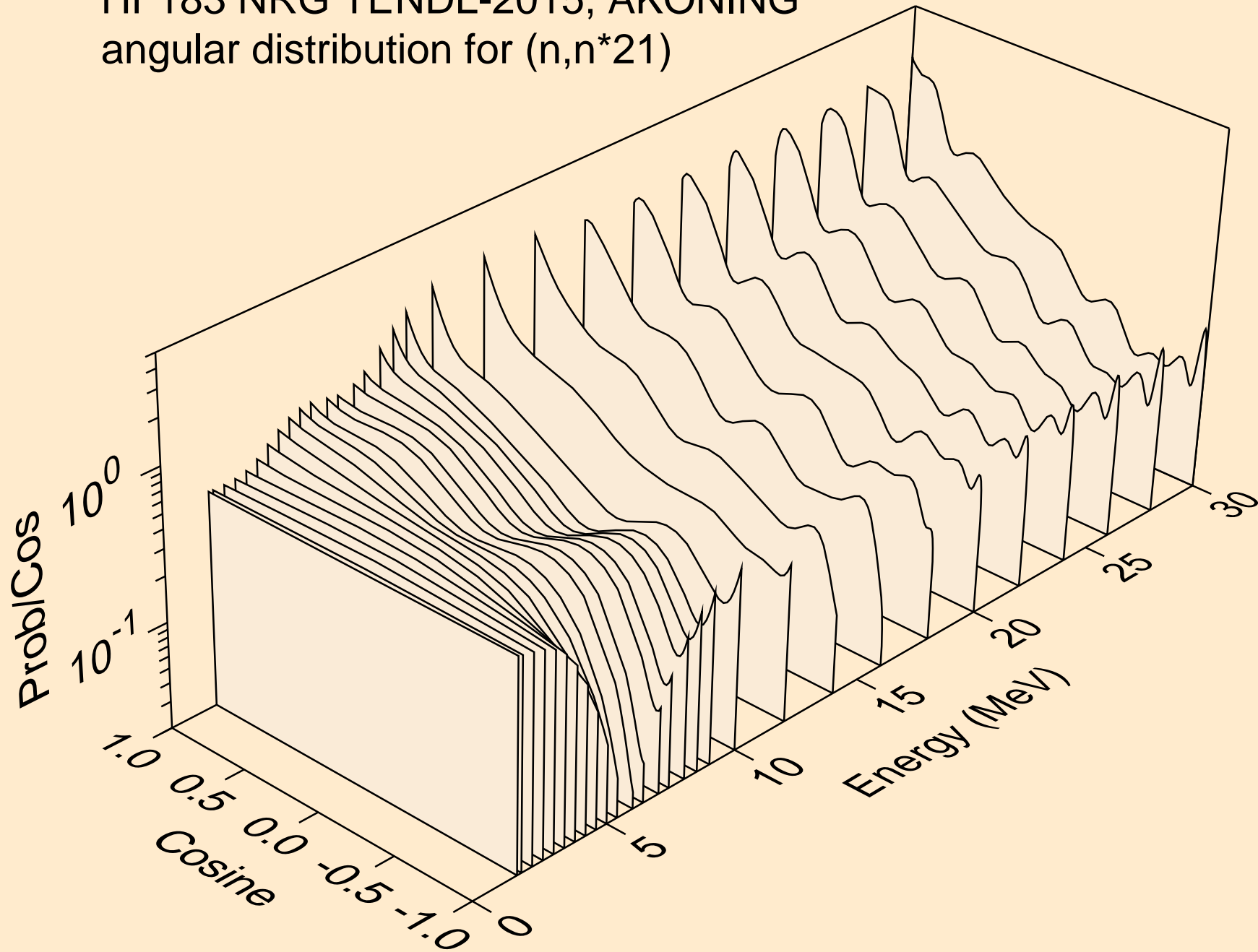
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



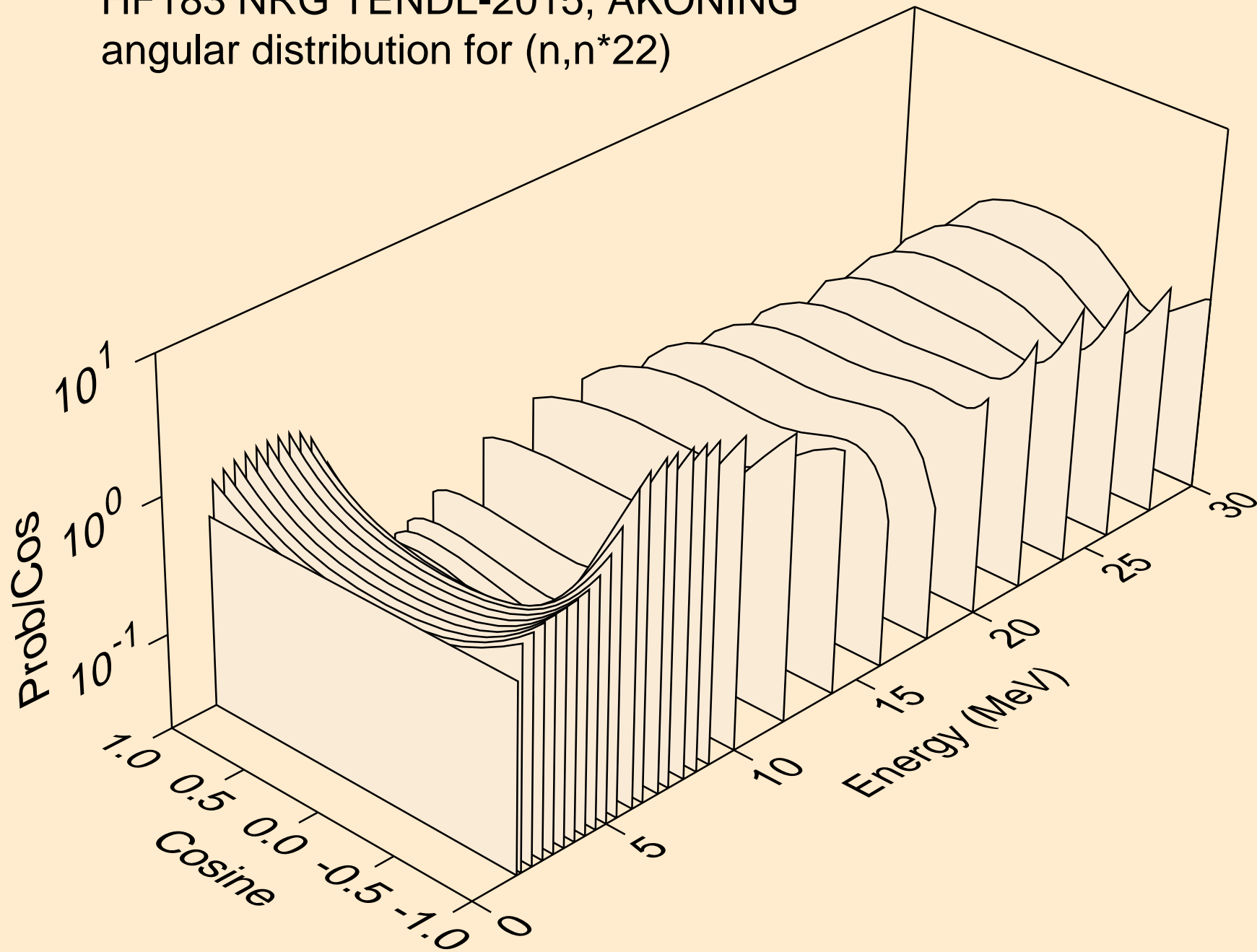
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



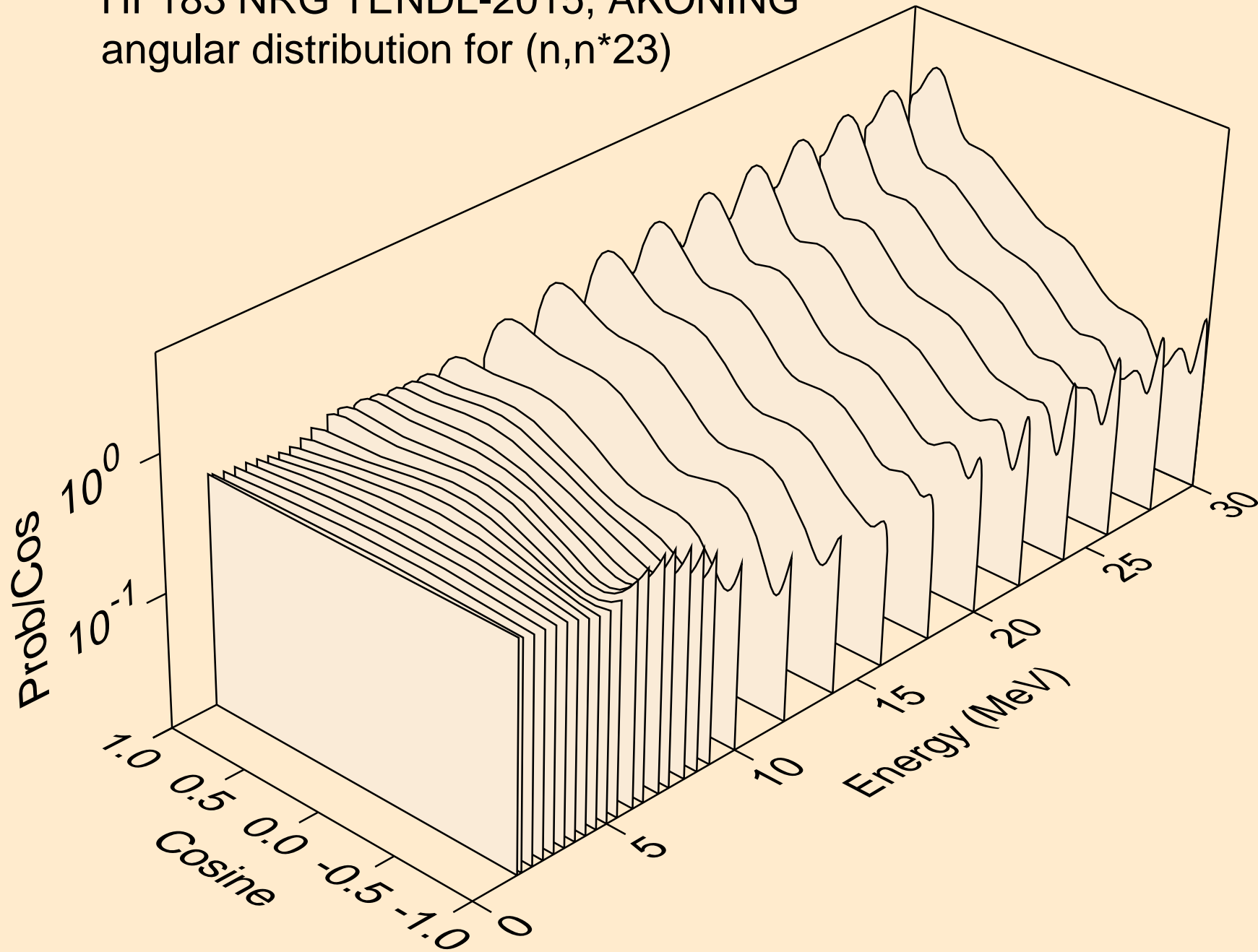
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

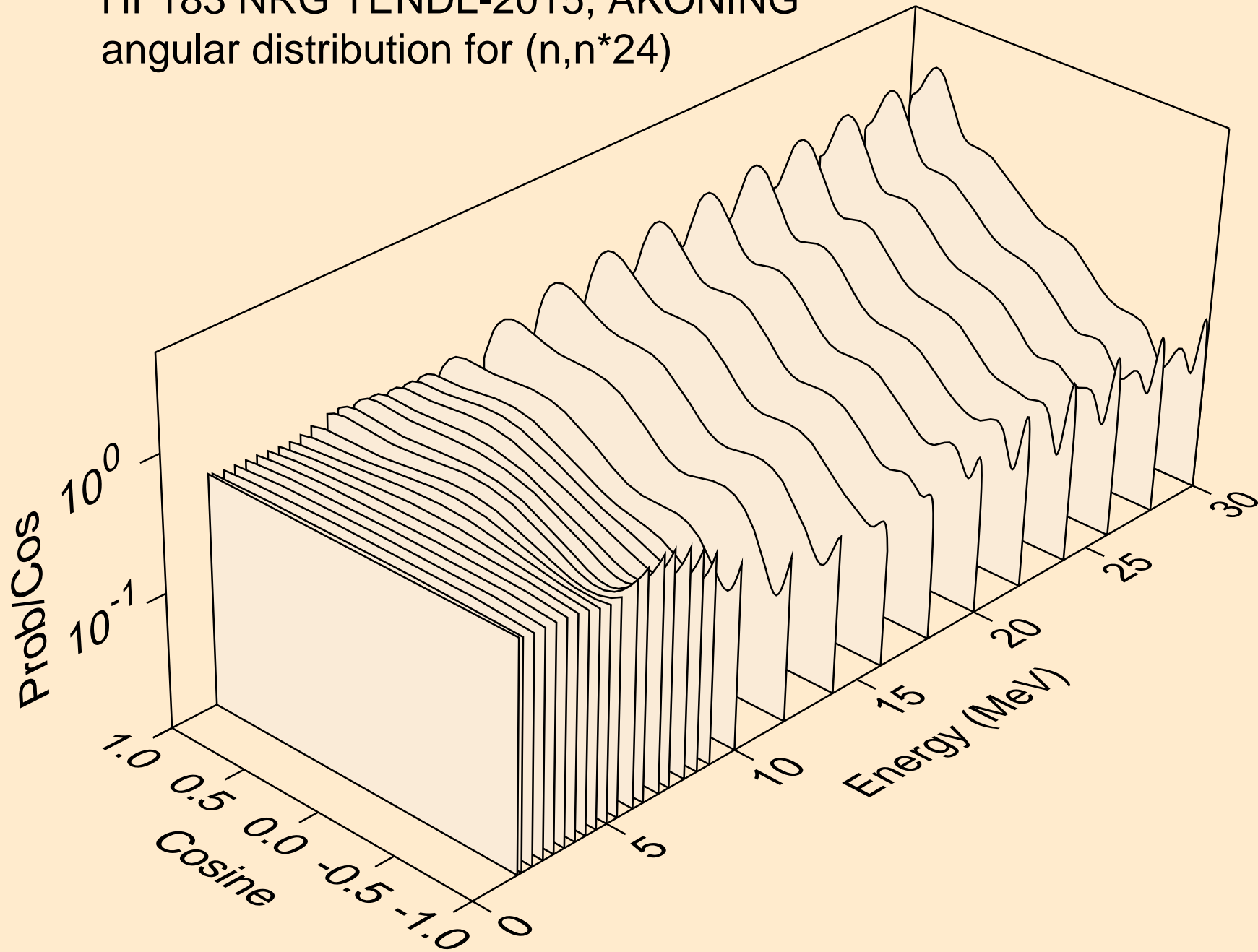


HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

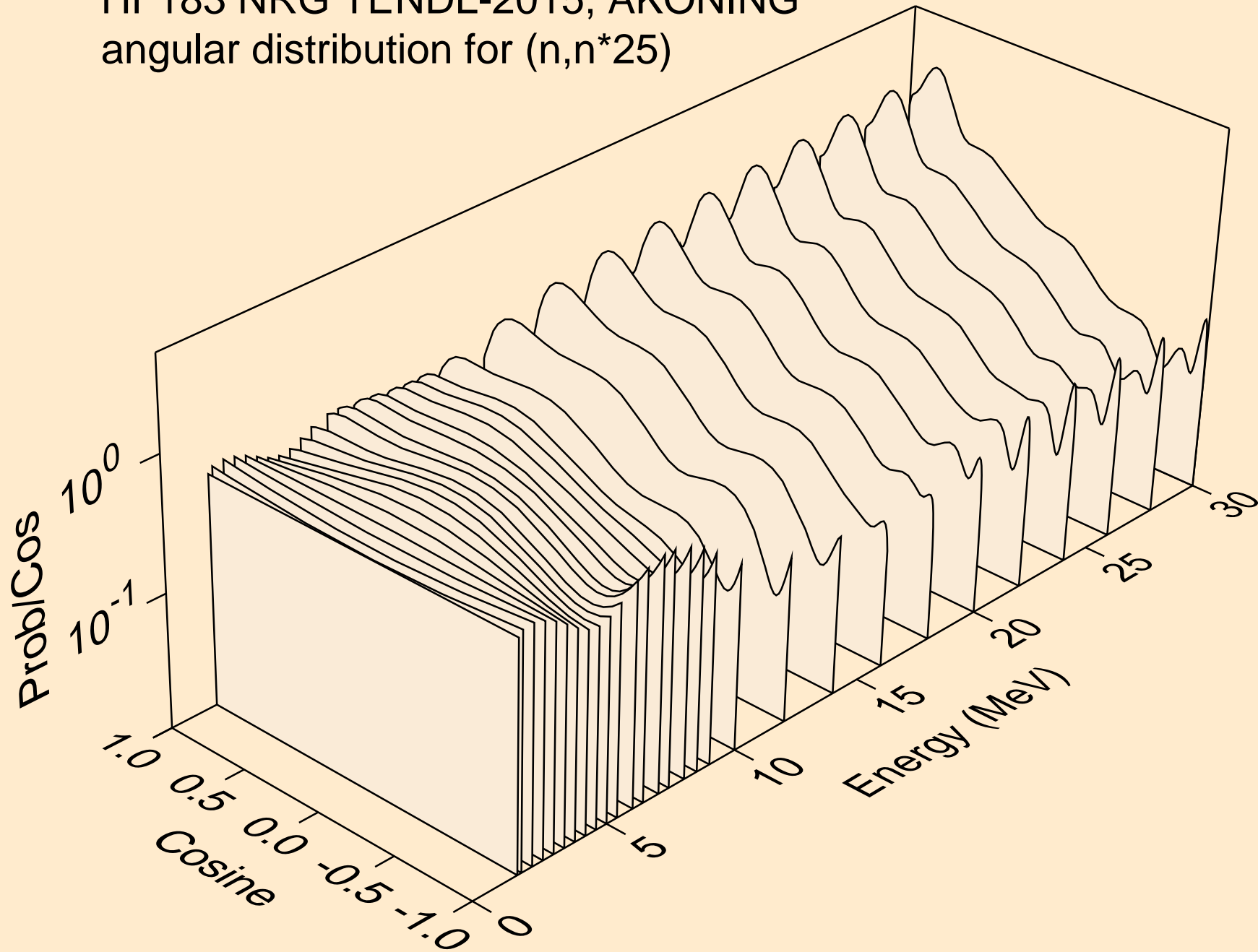




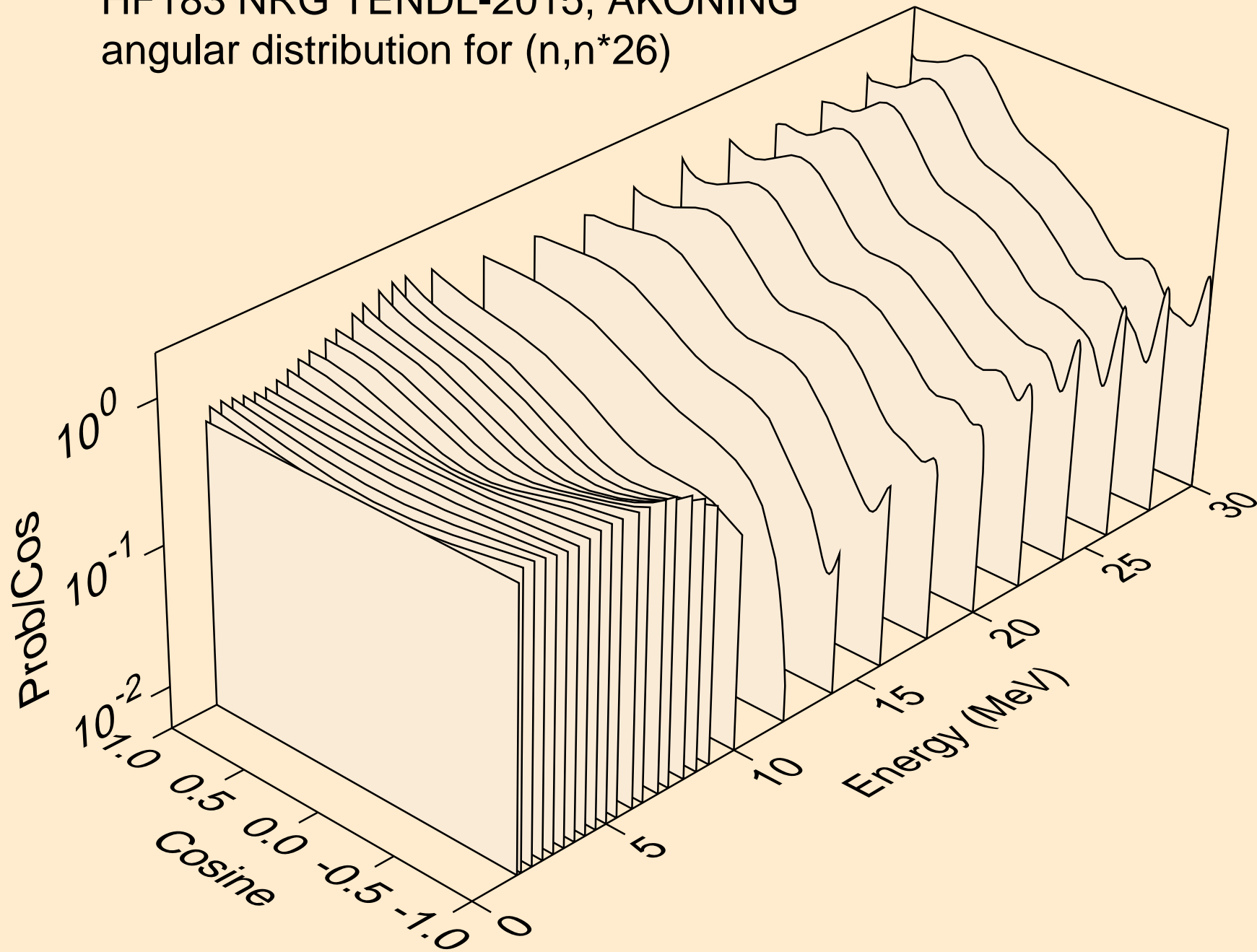
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



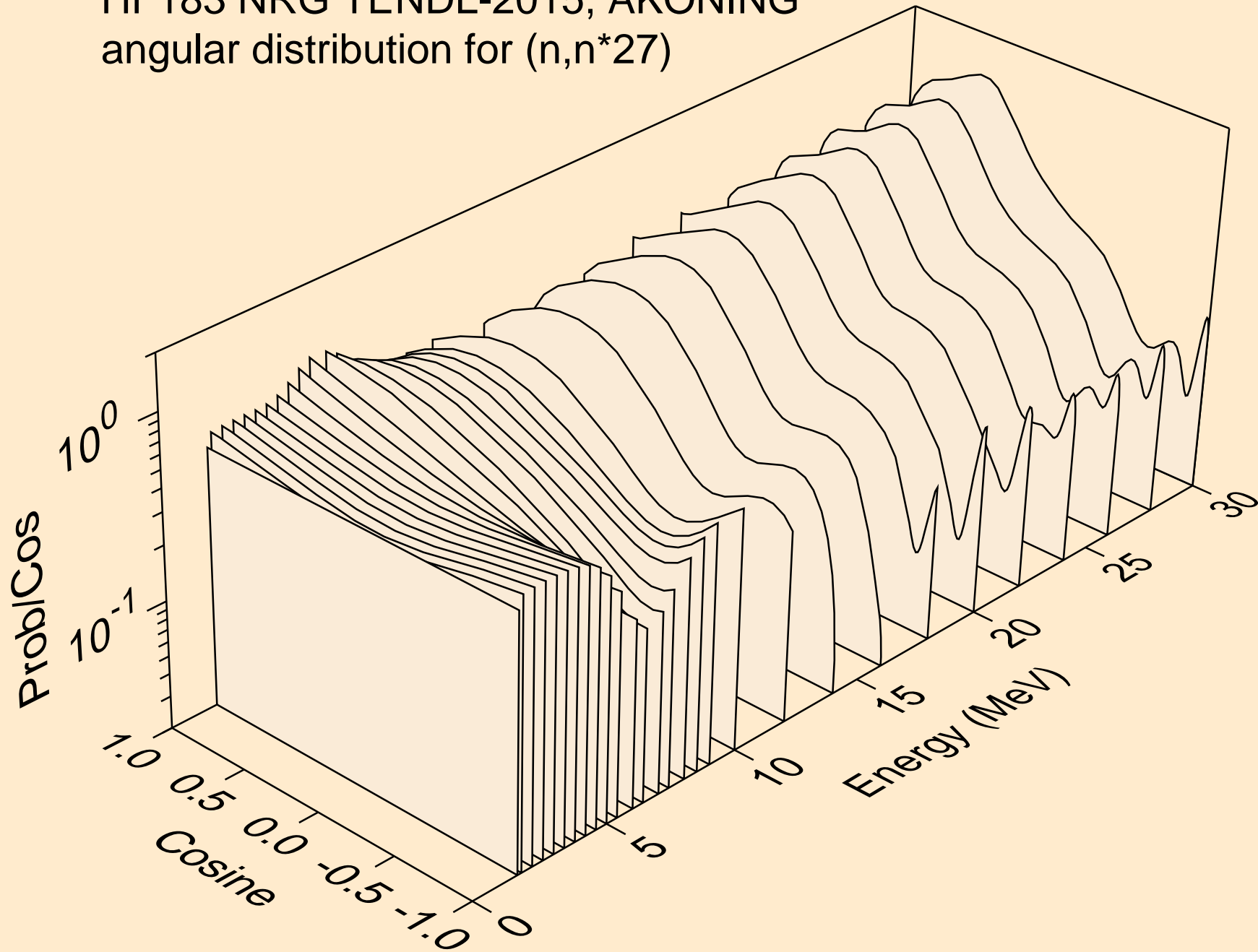
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



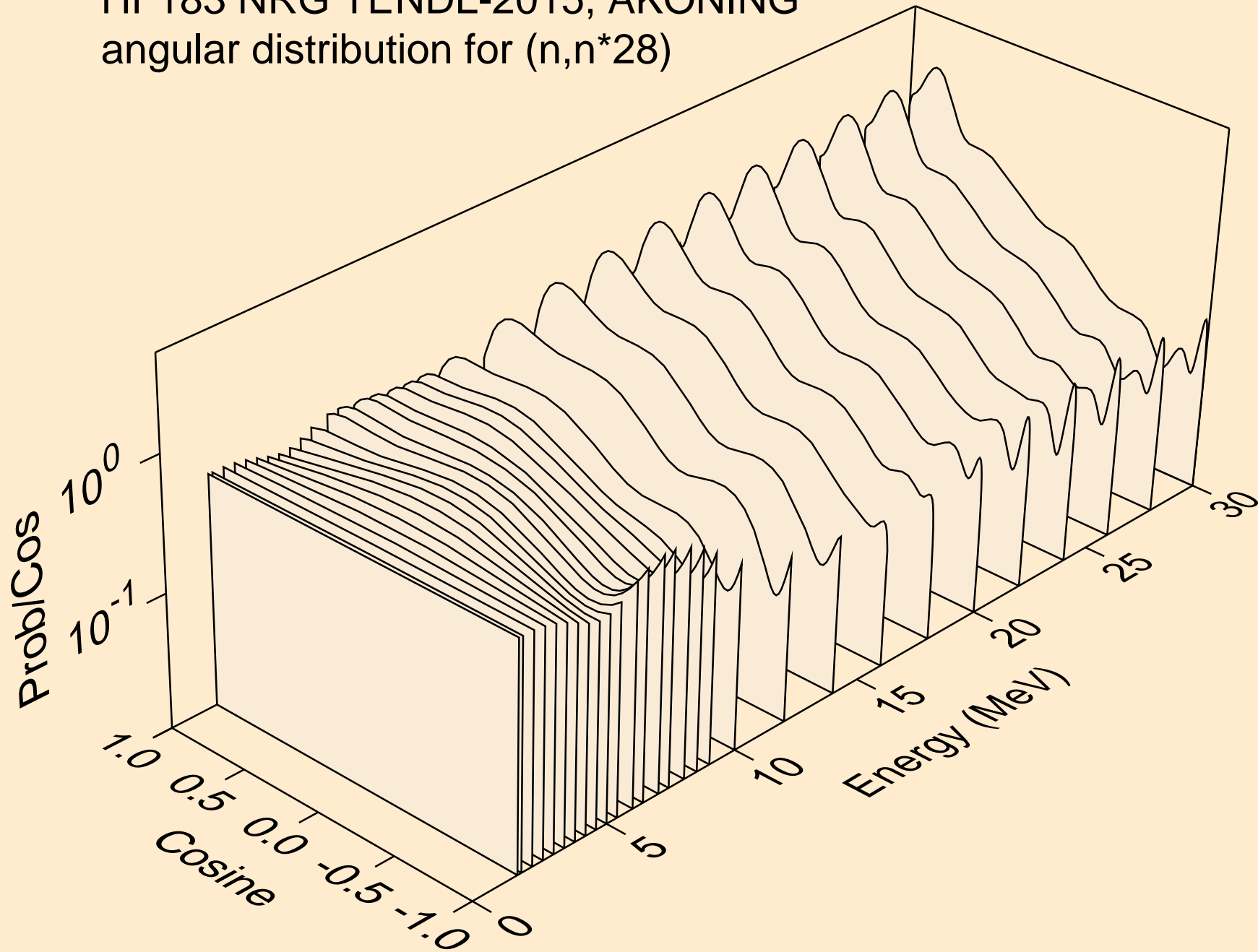
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



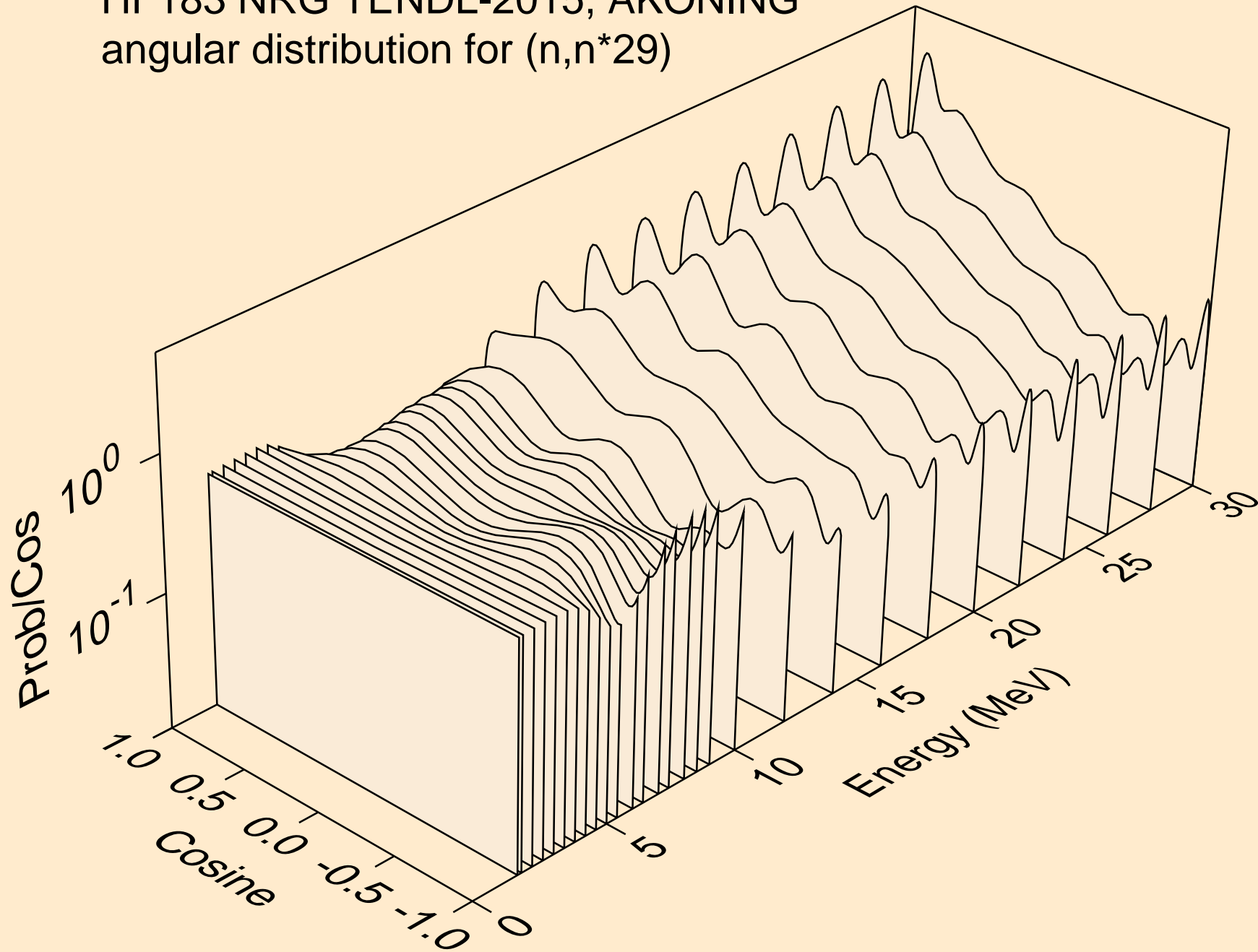
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



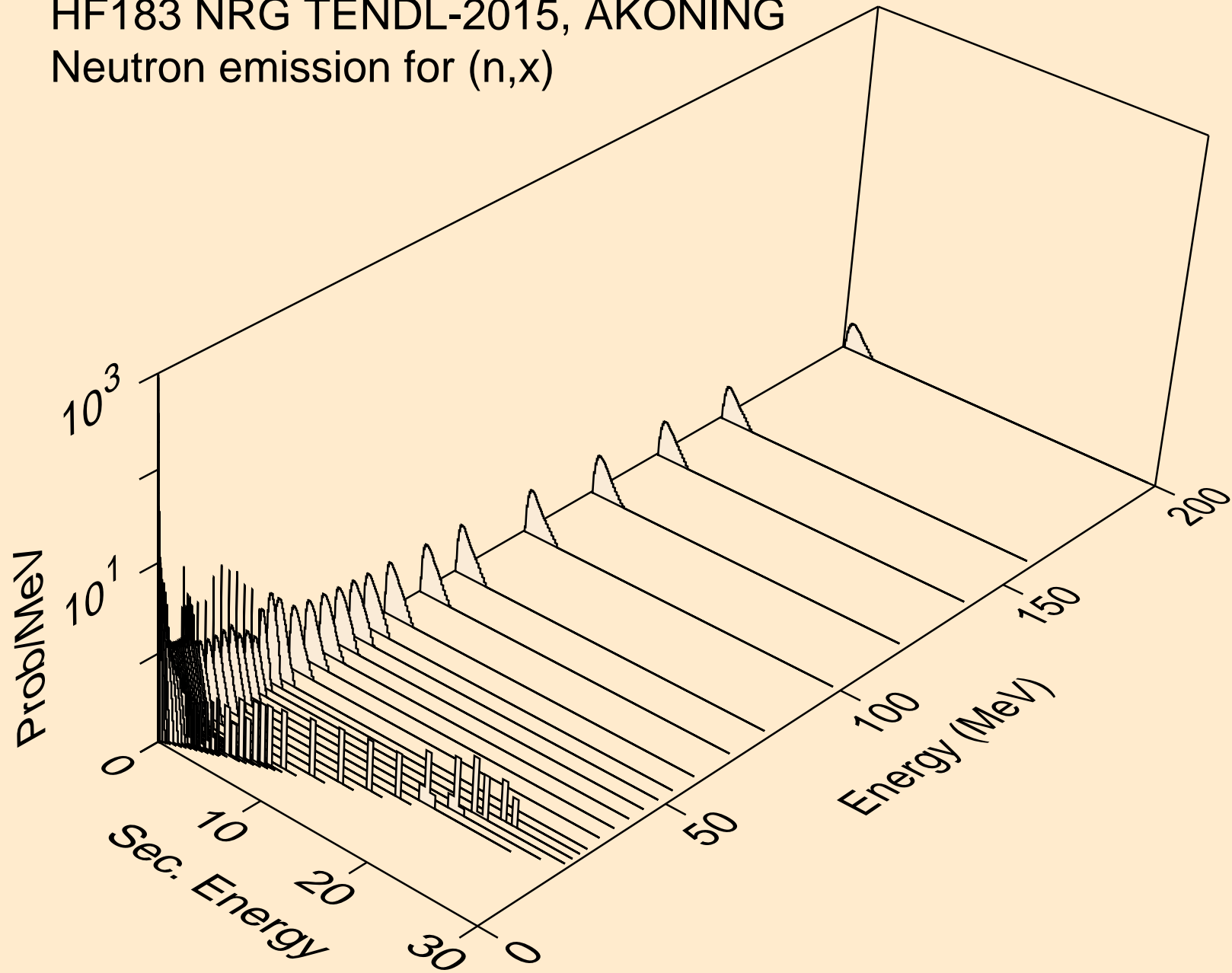
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



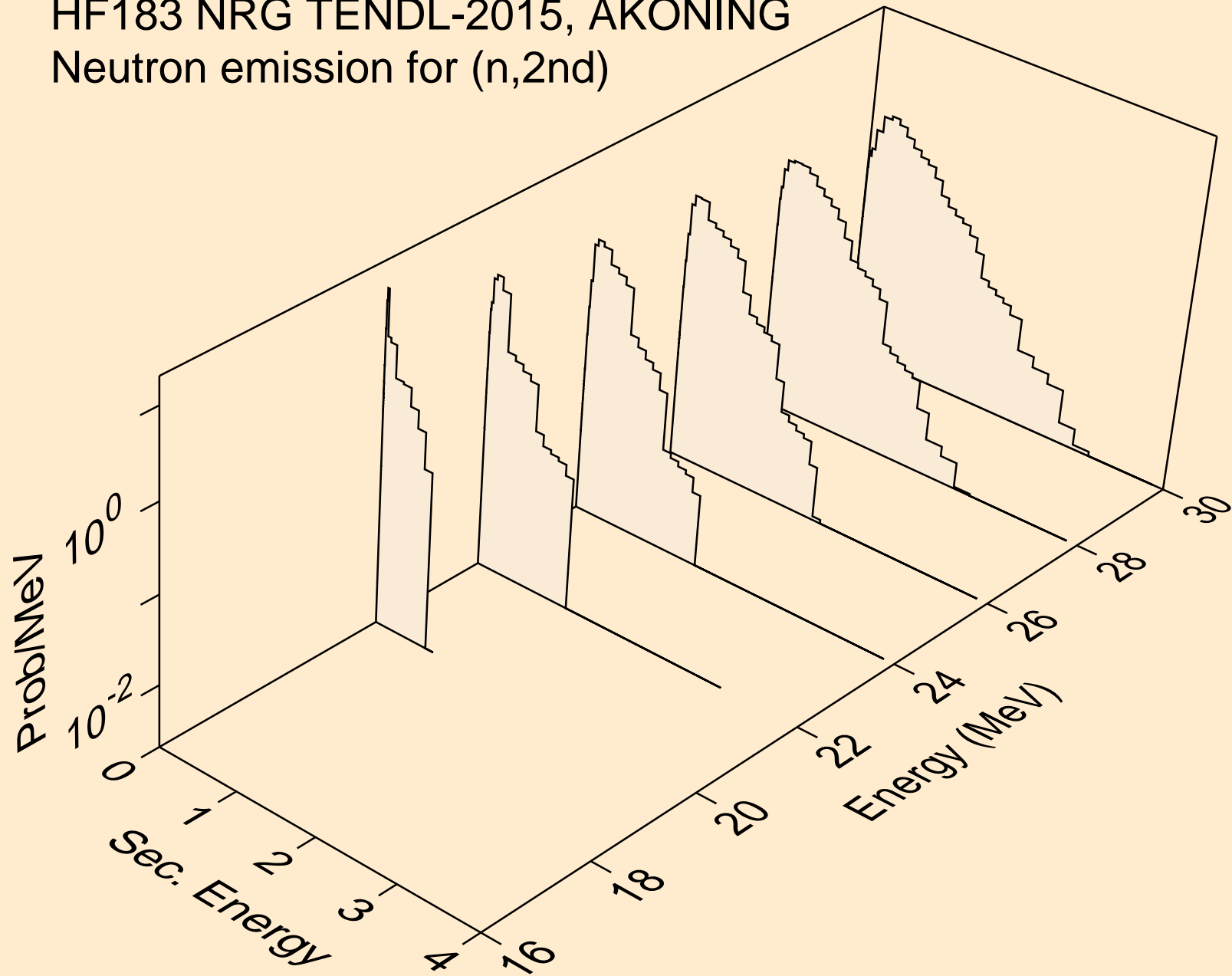
HF183 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

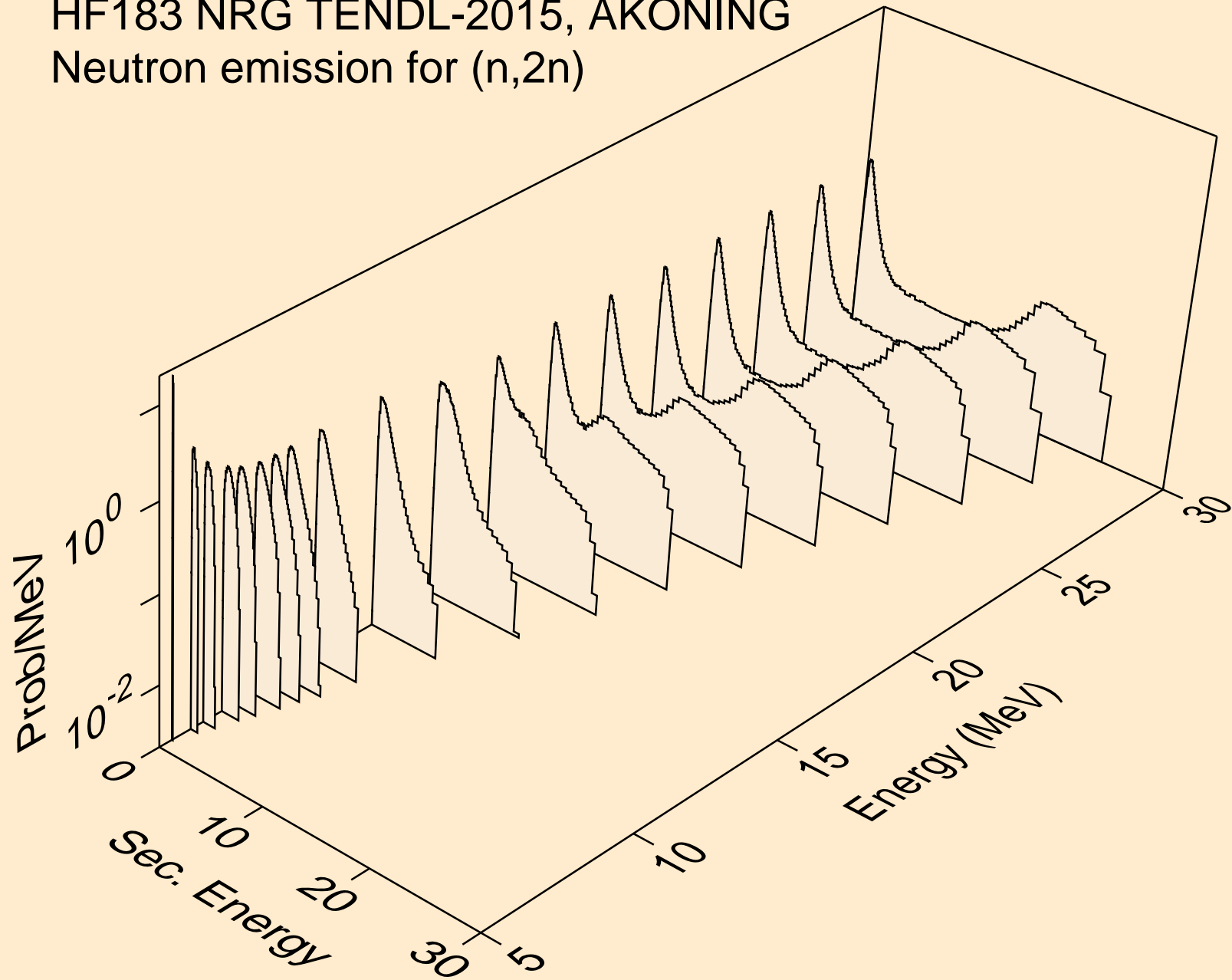


HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

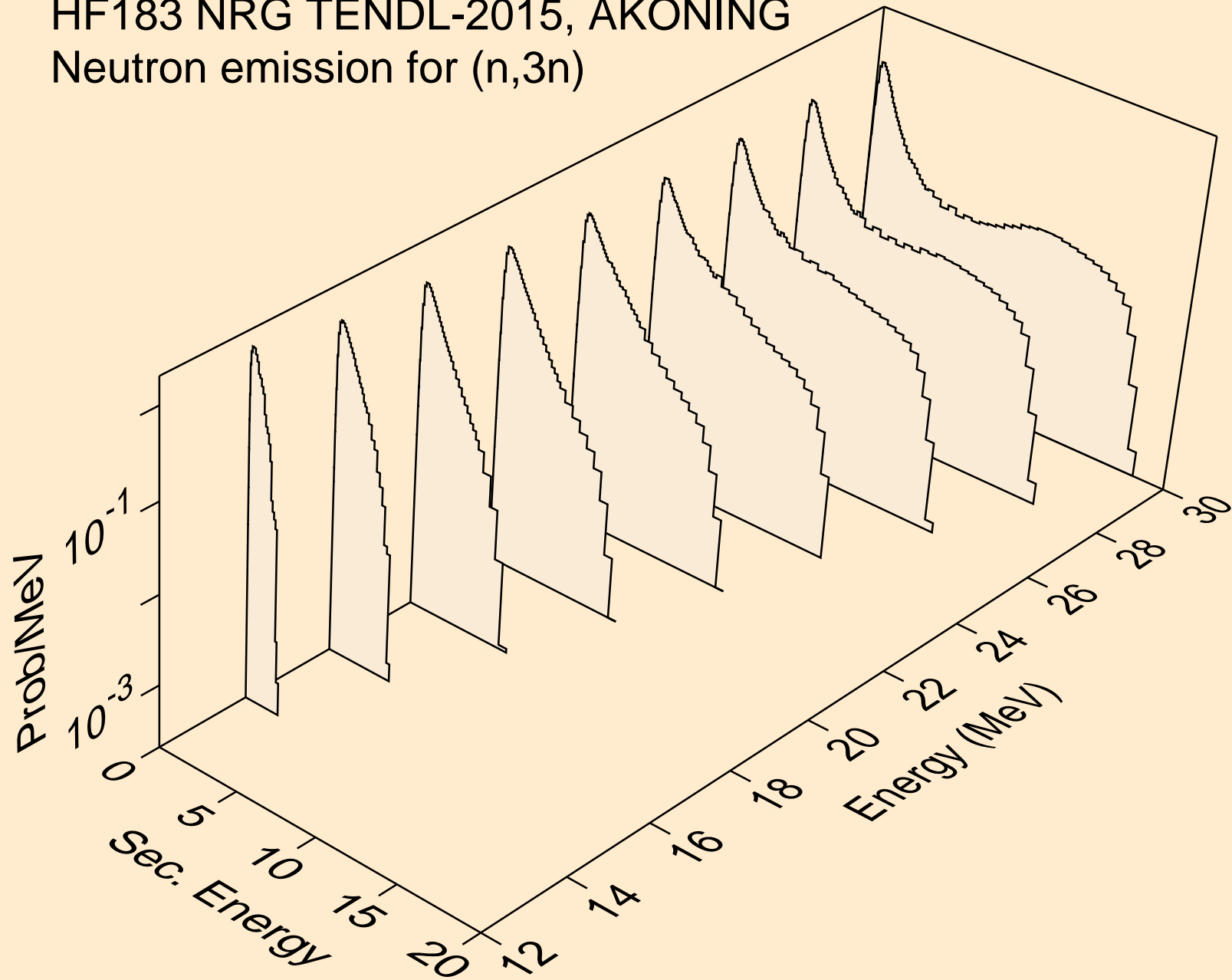




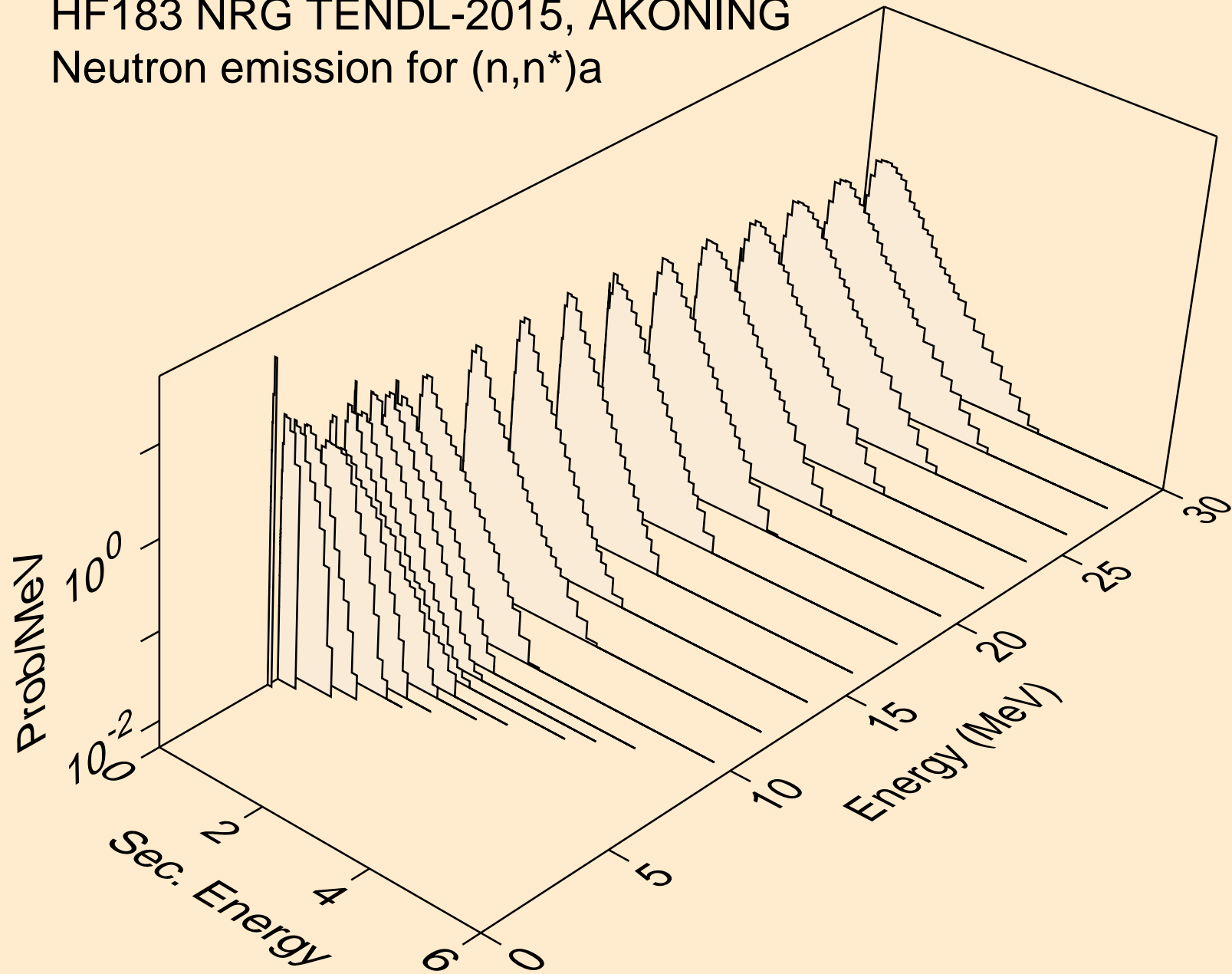
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



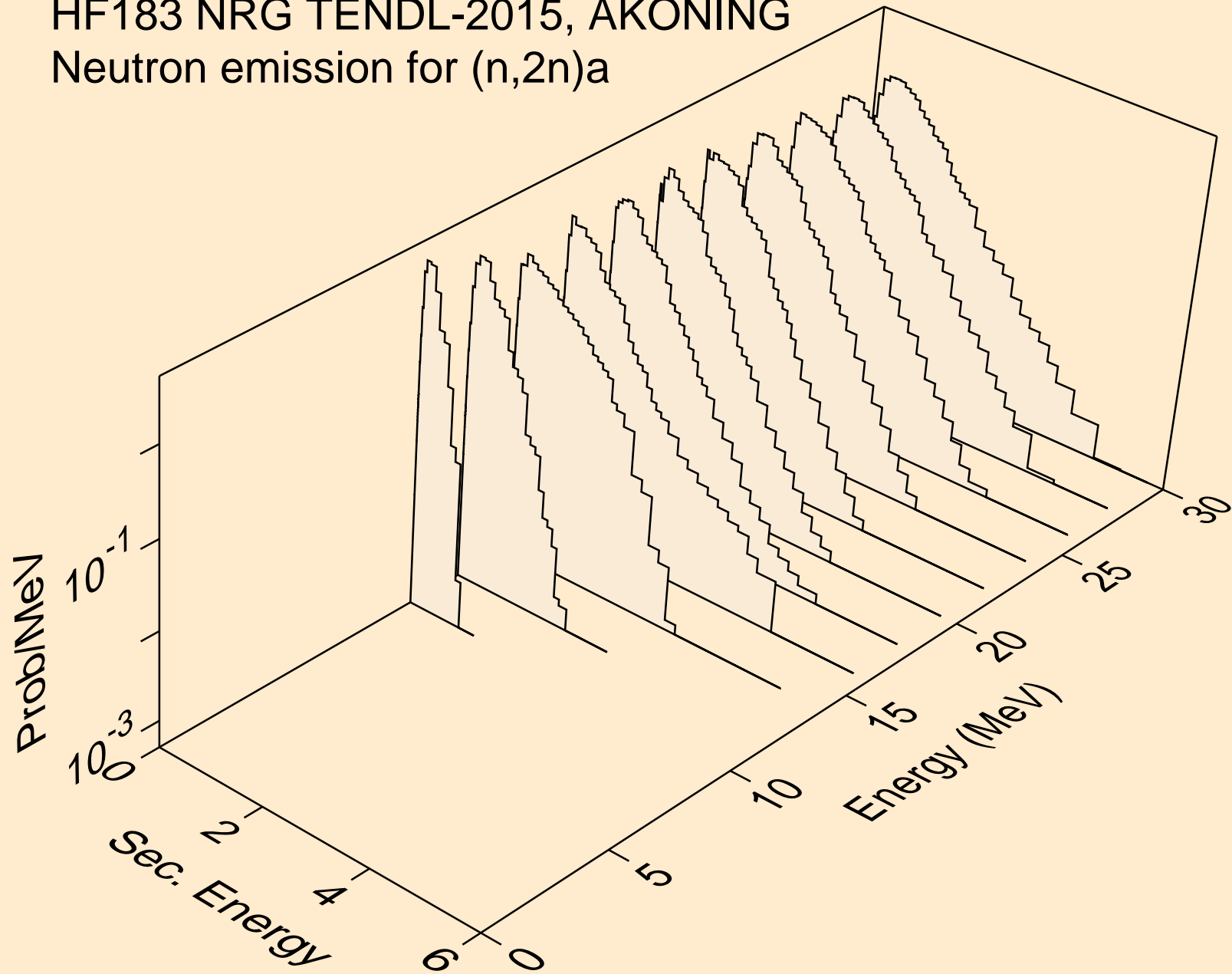
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



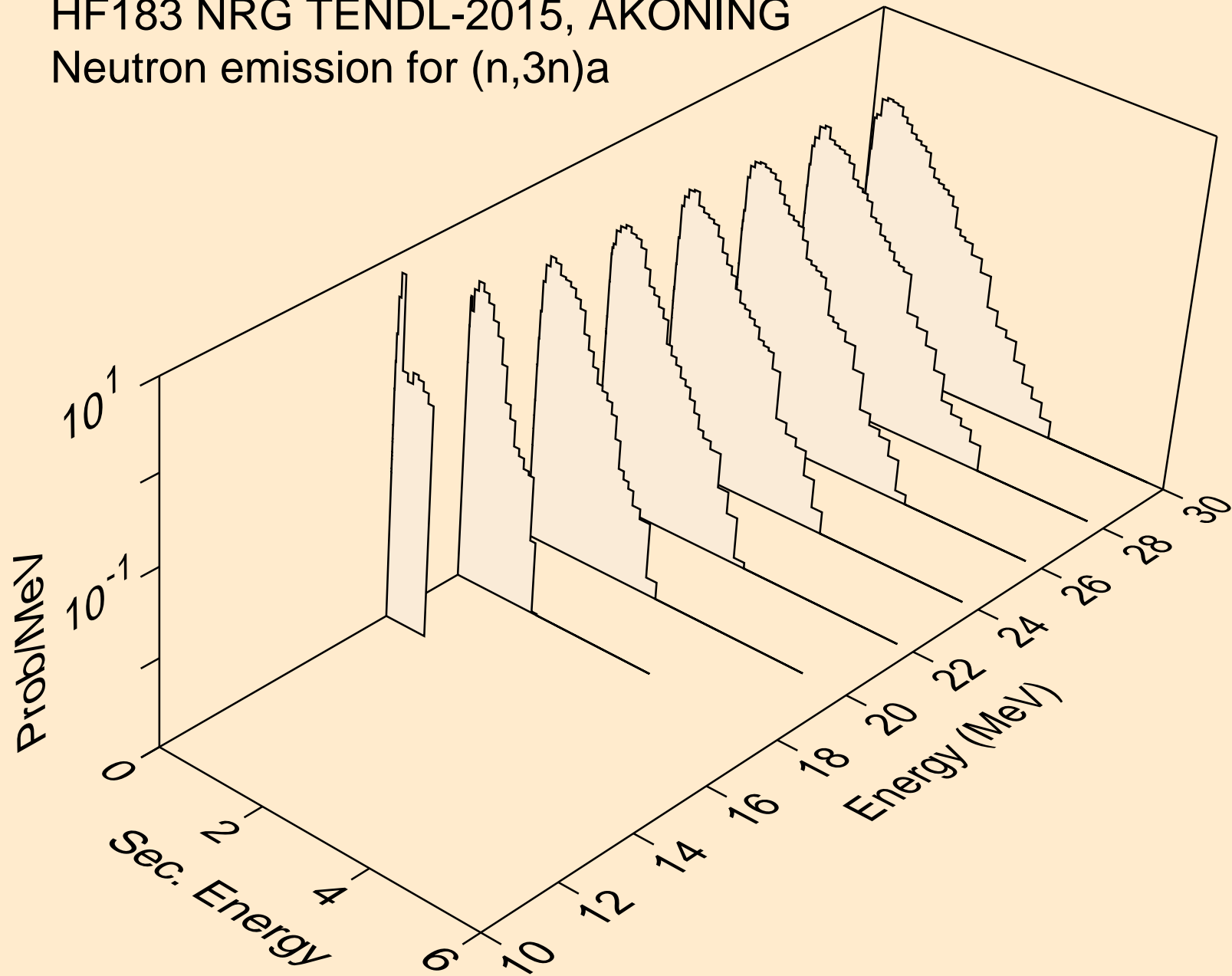
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



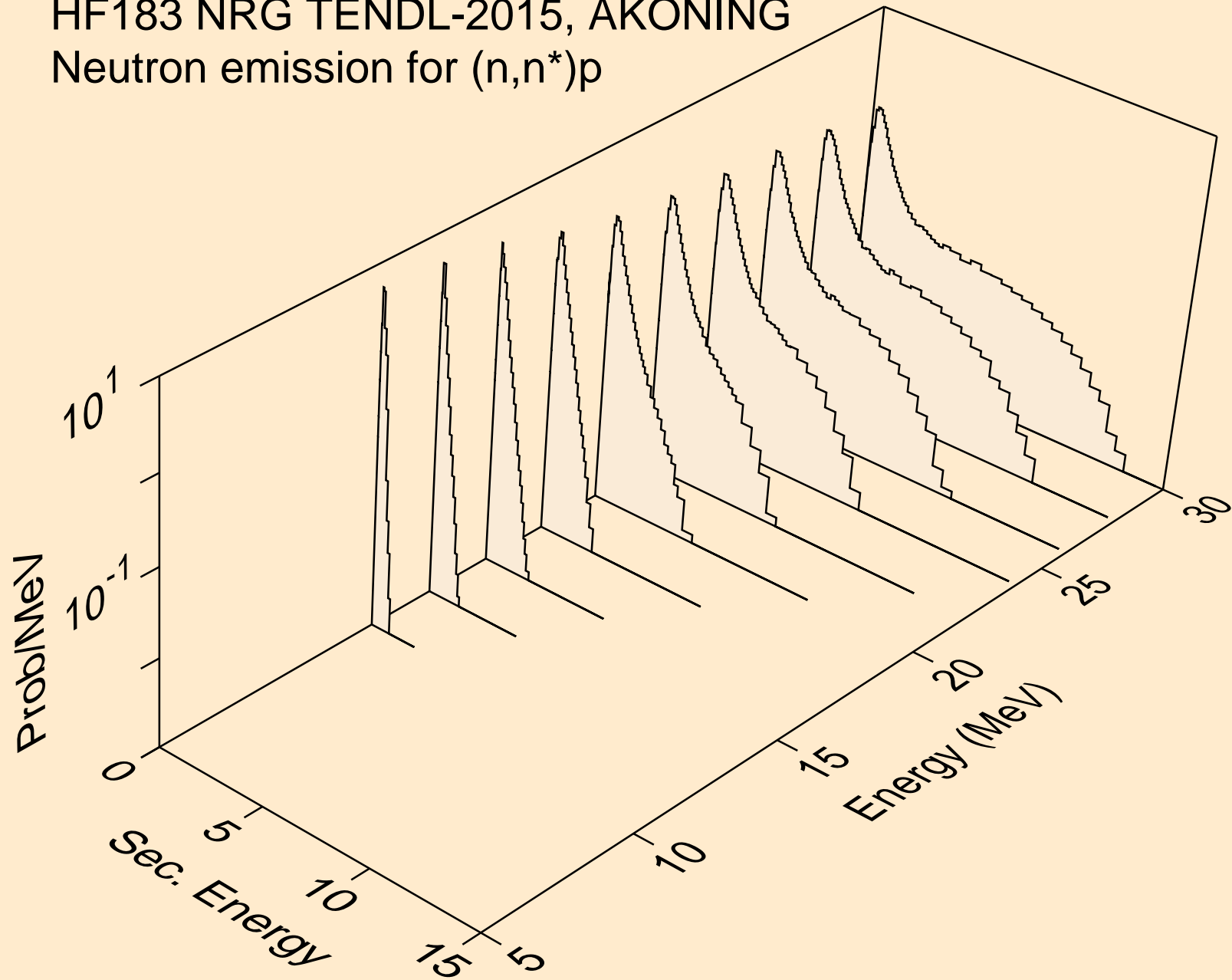
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



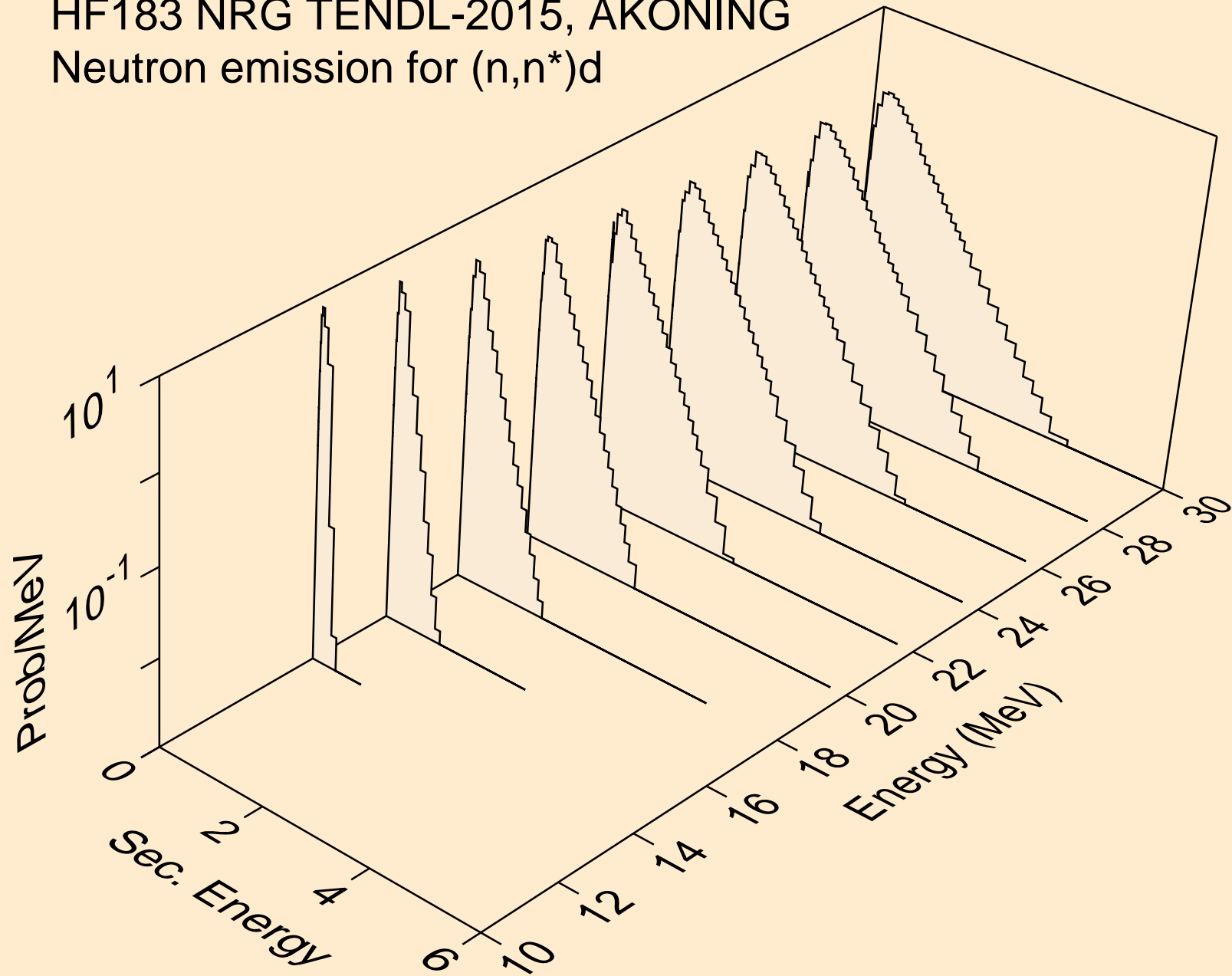
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



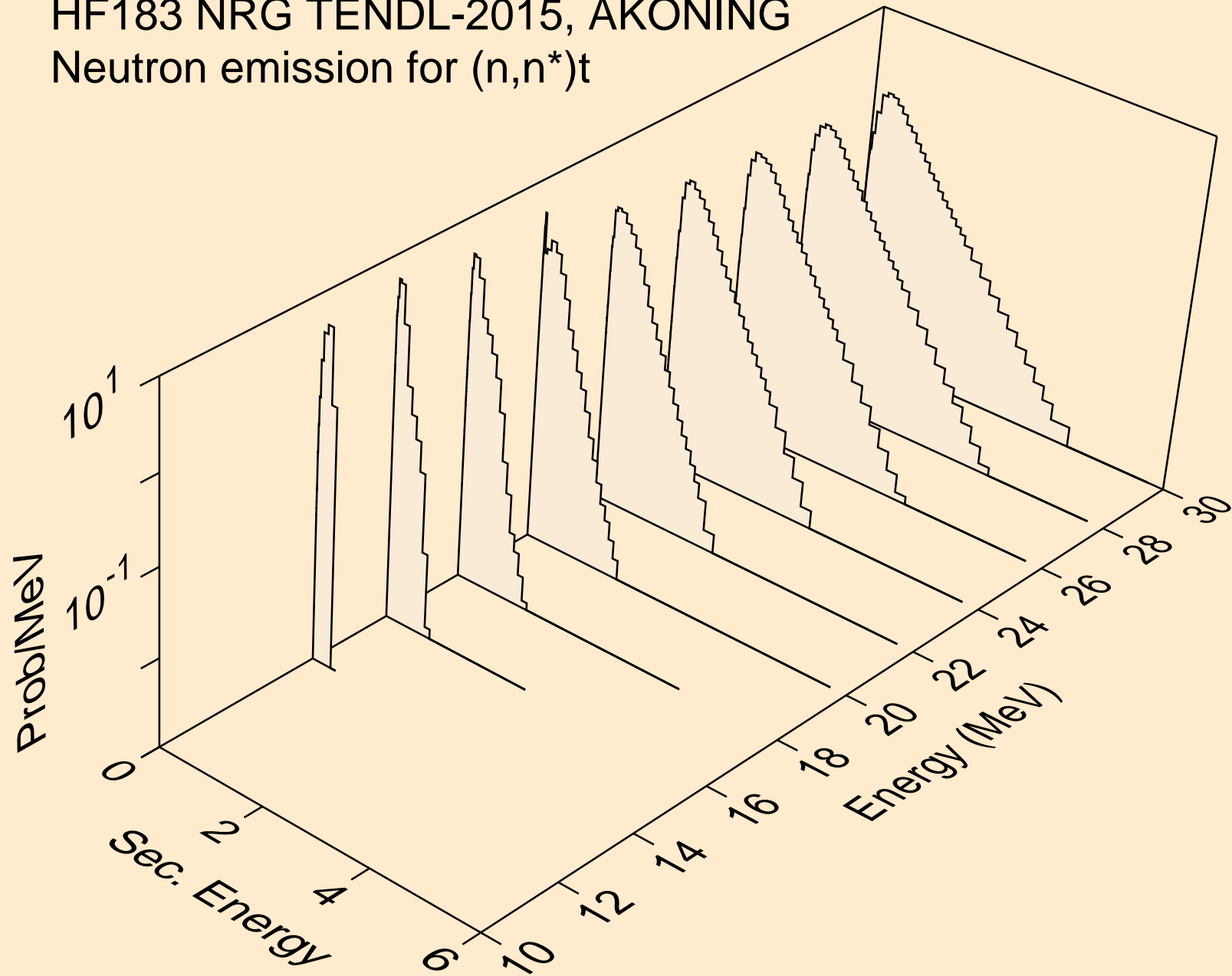
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

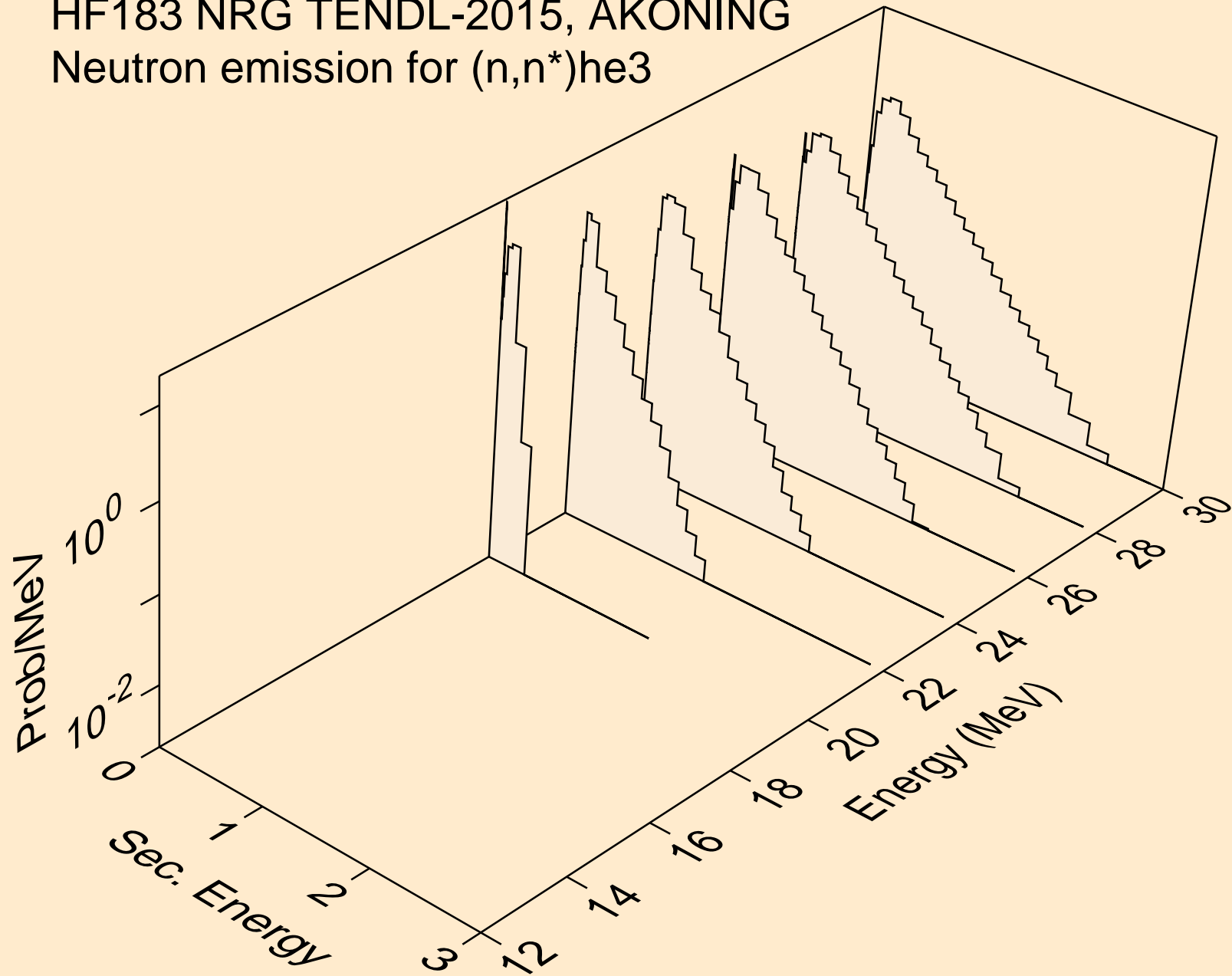


HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

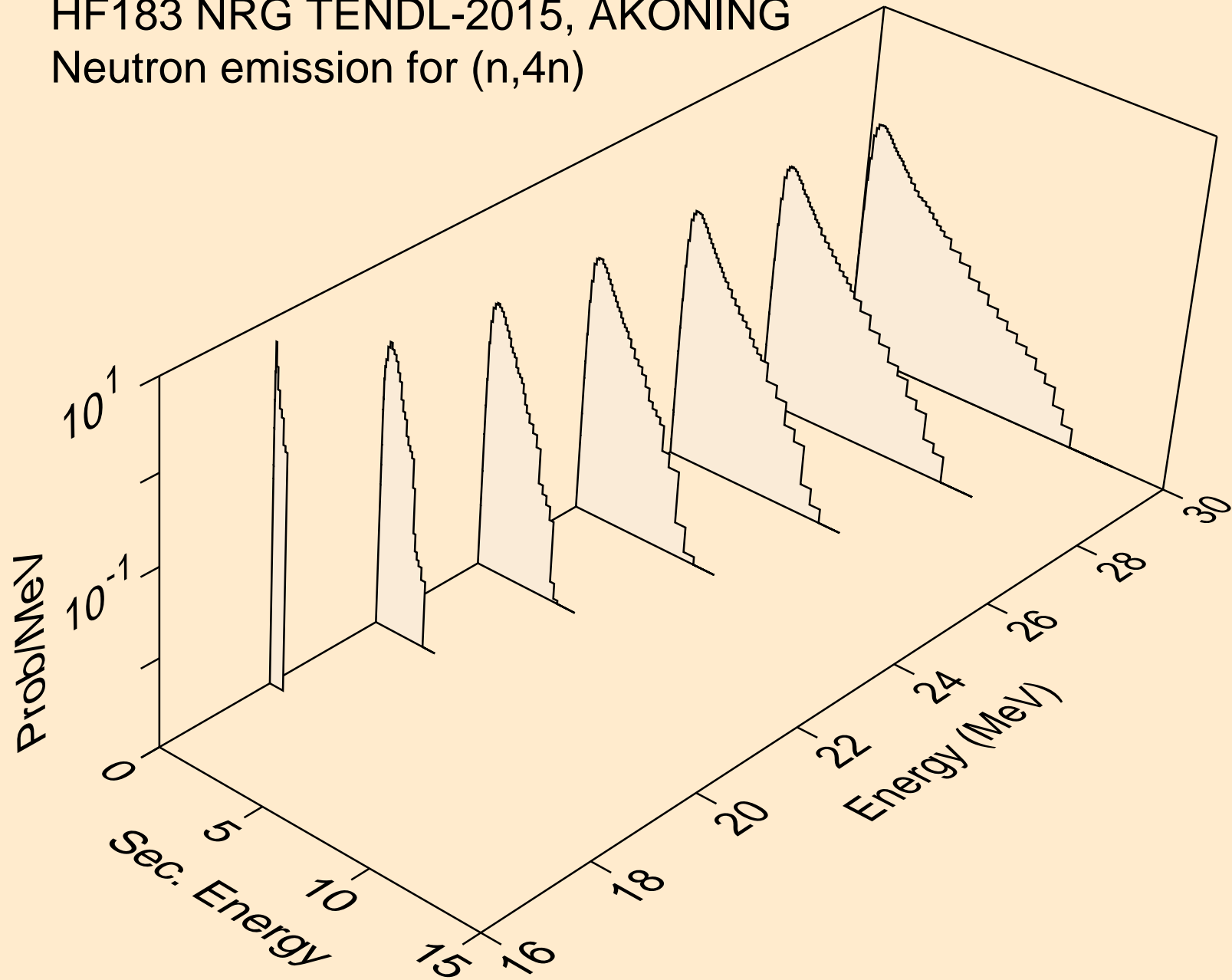




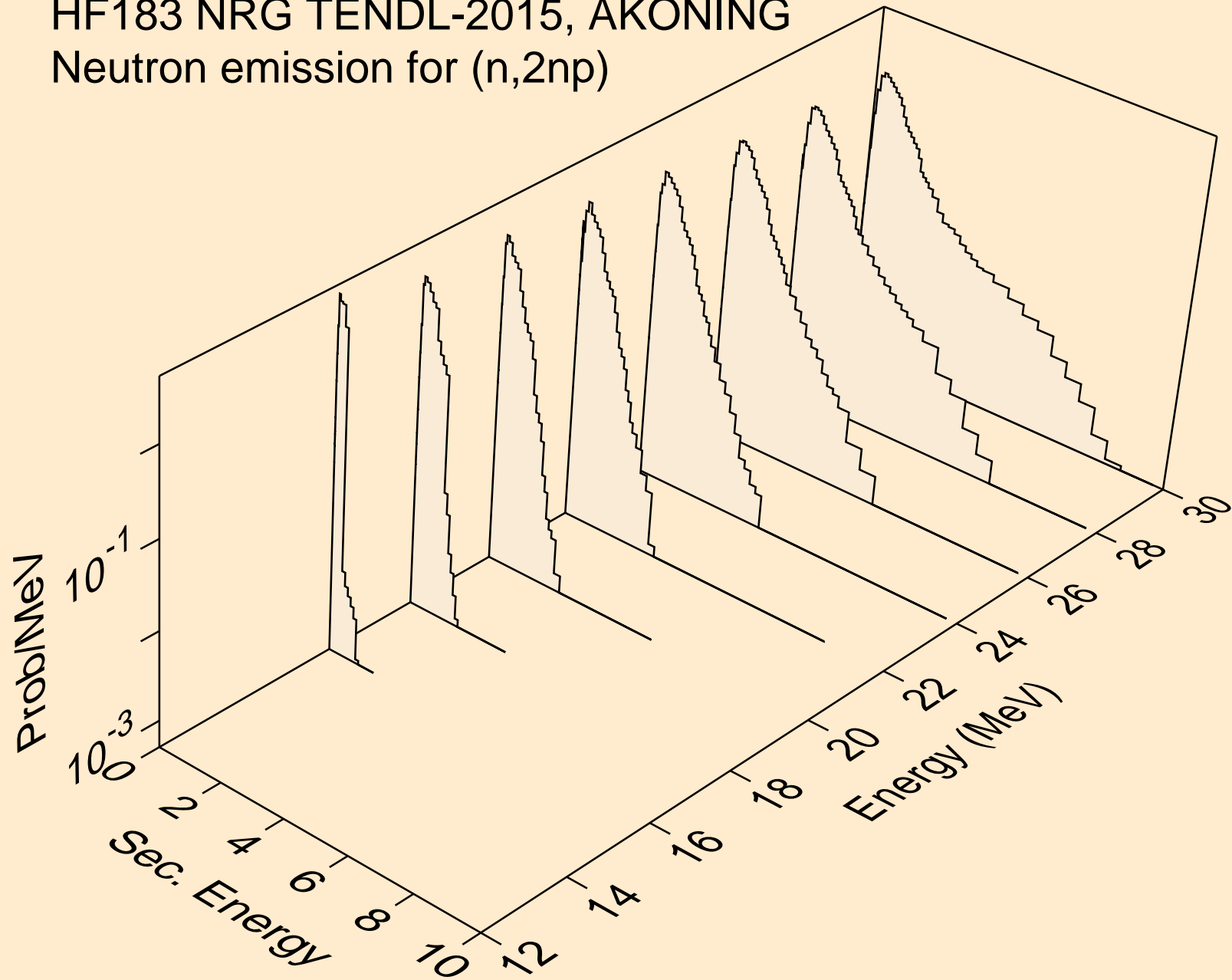
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



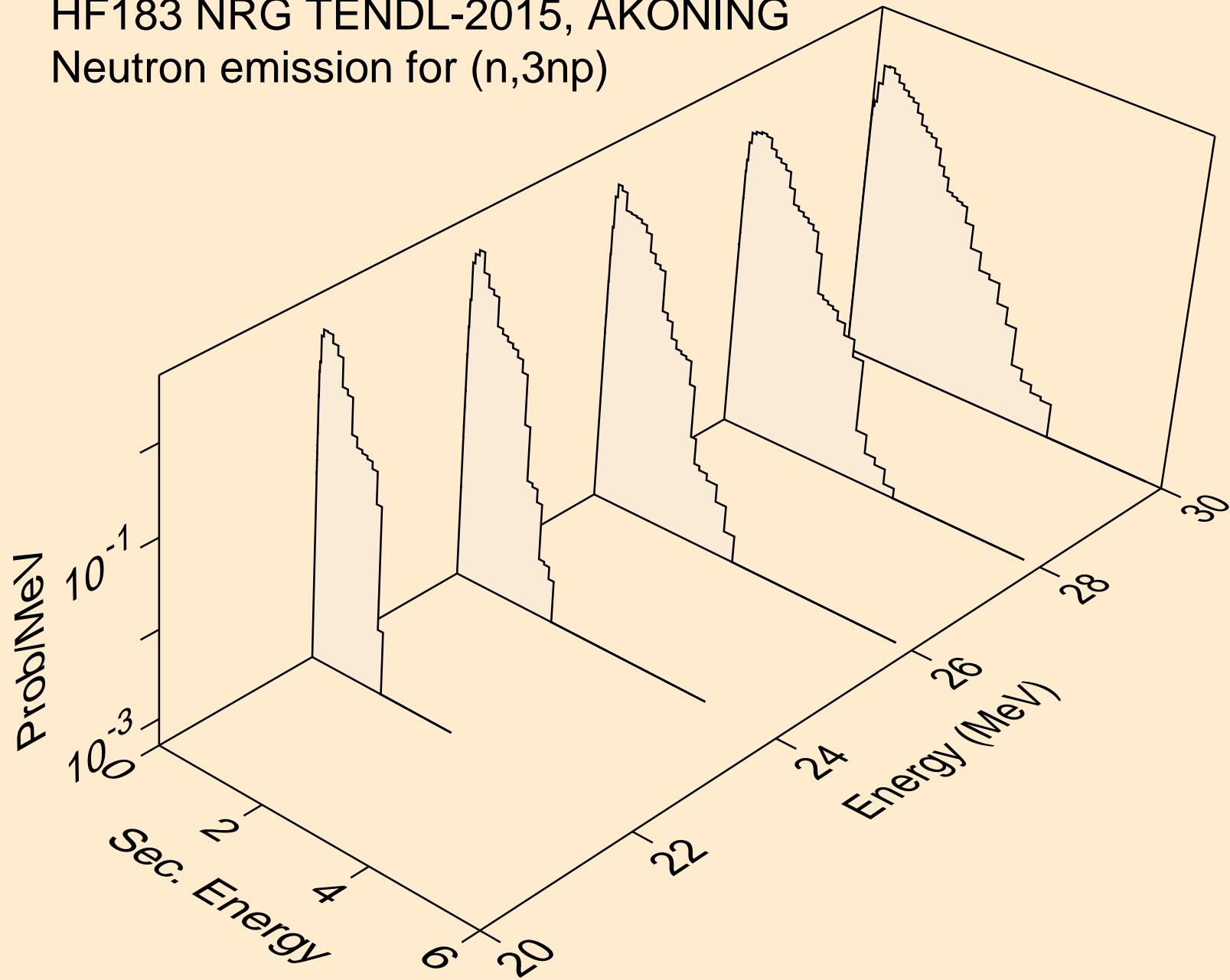
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



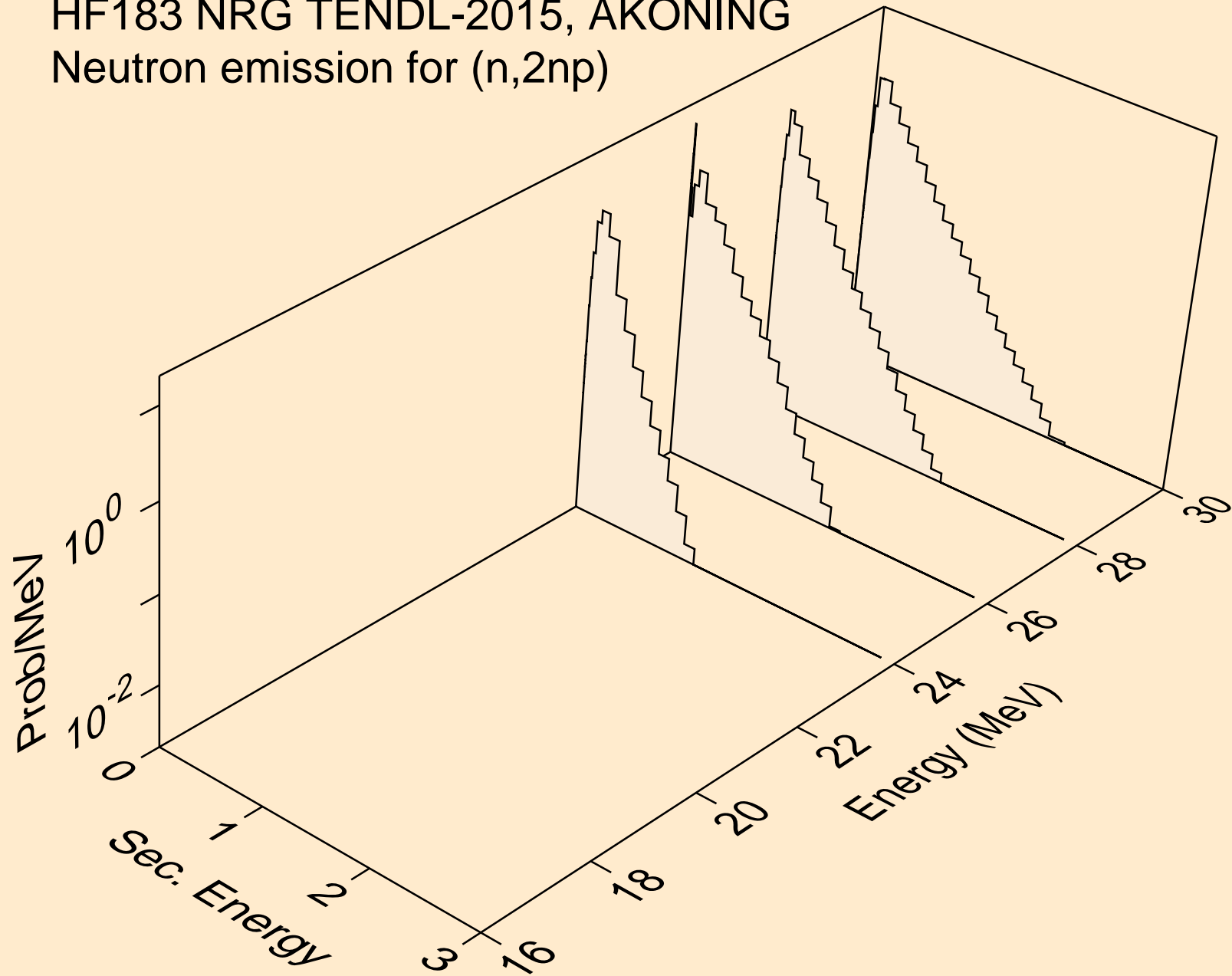
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



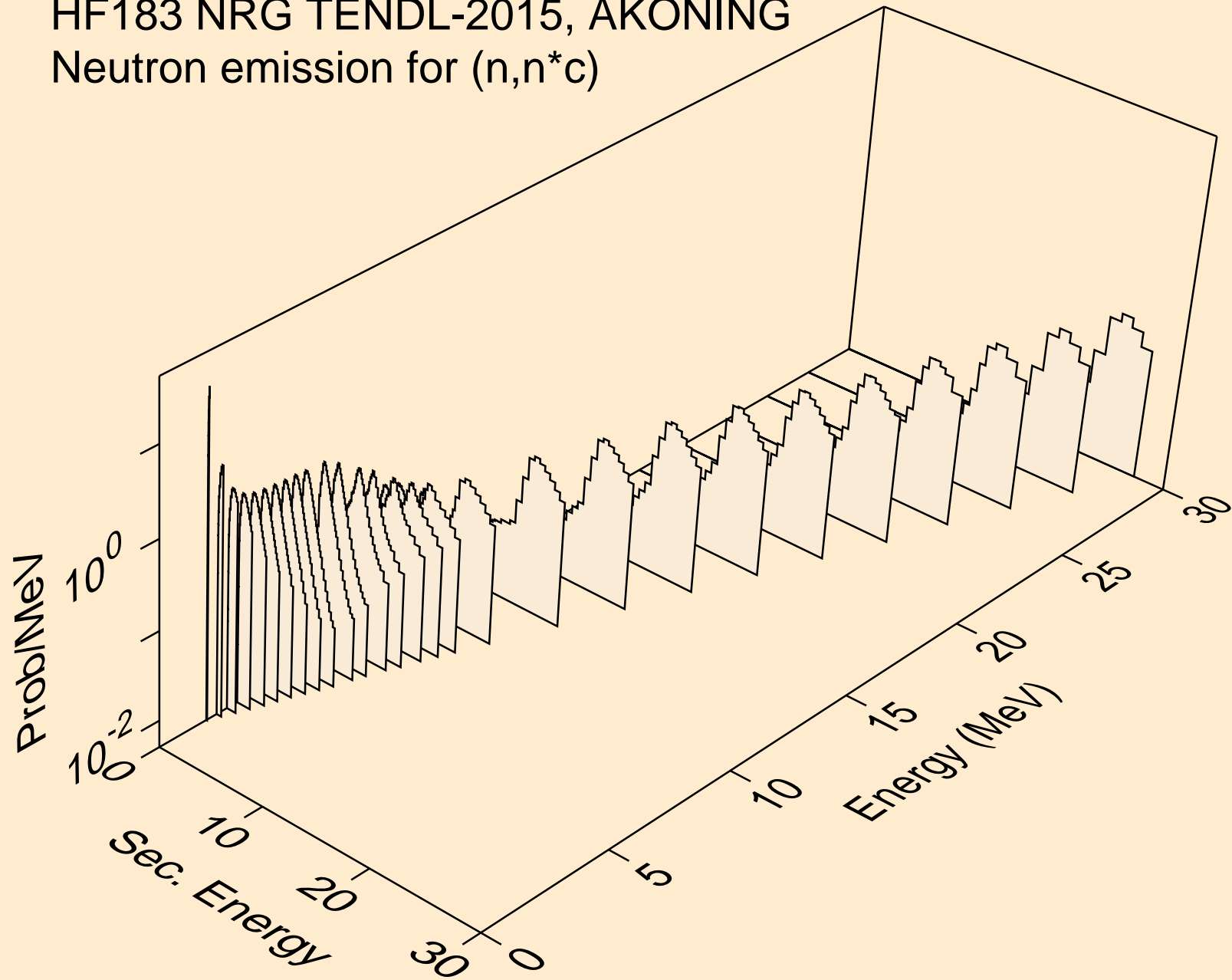
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



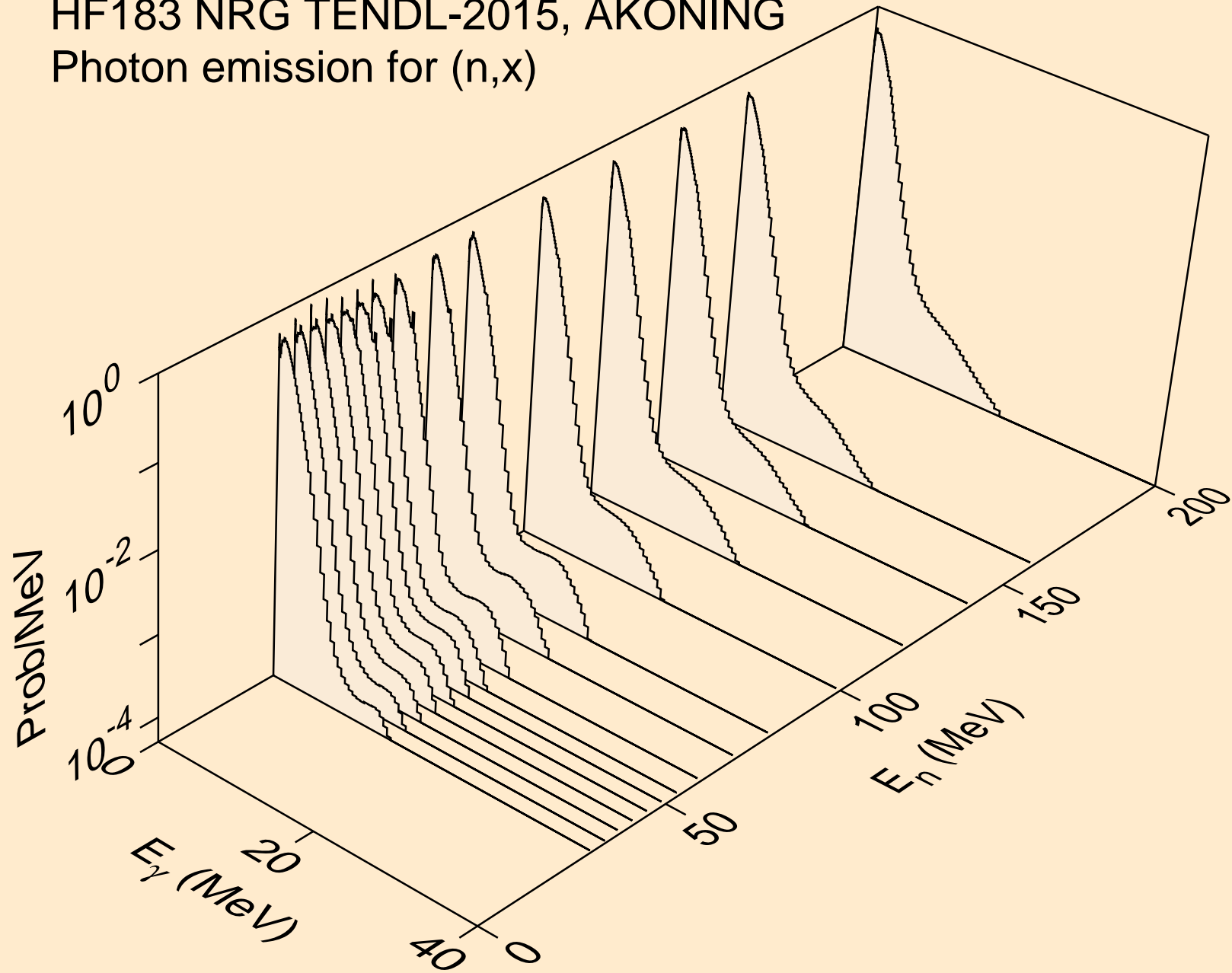
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



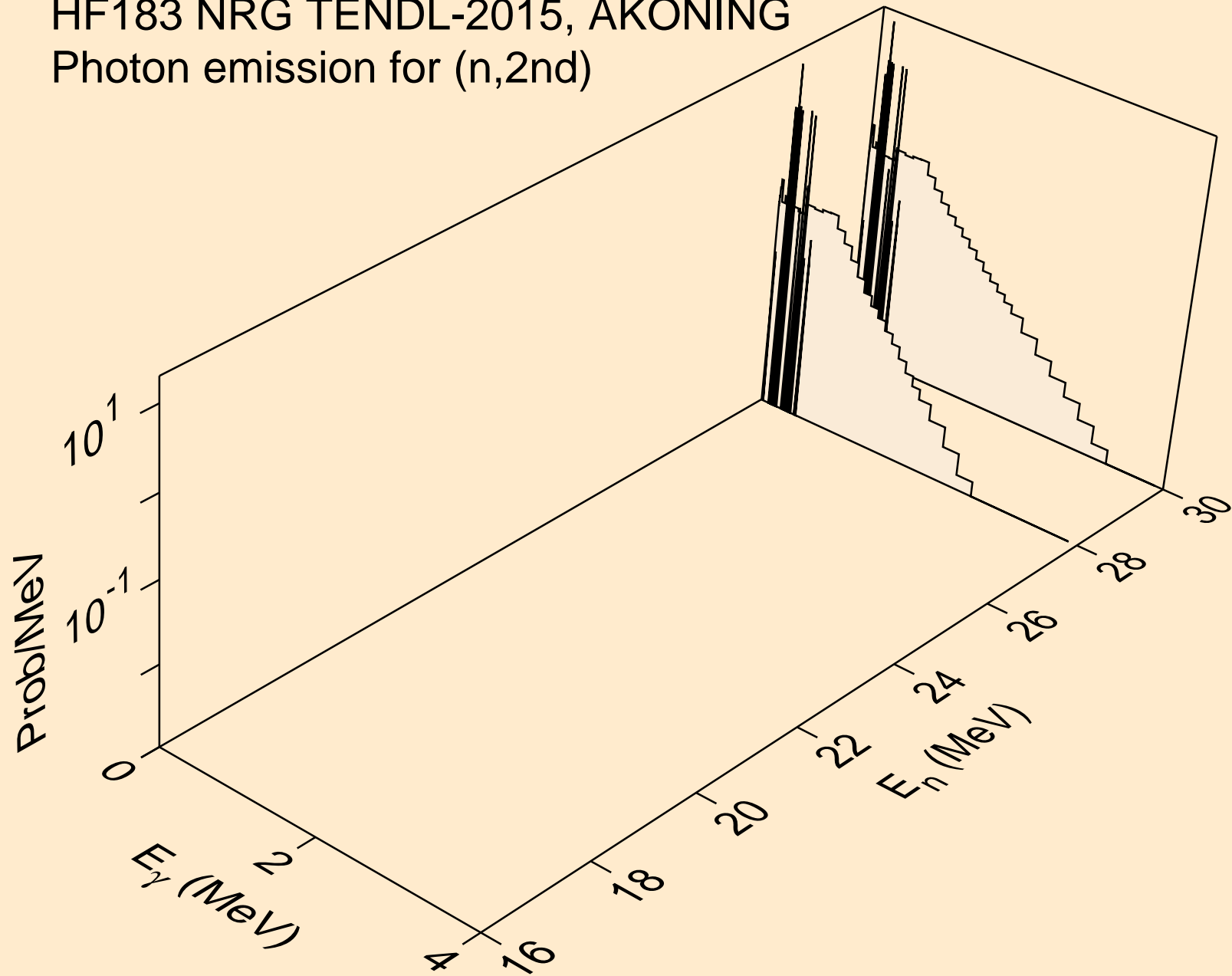
HF183 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

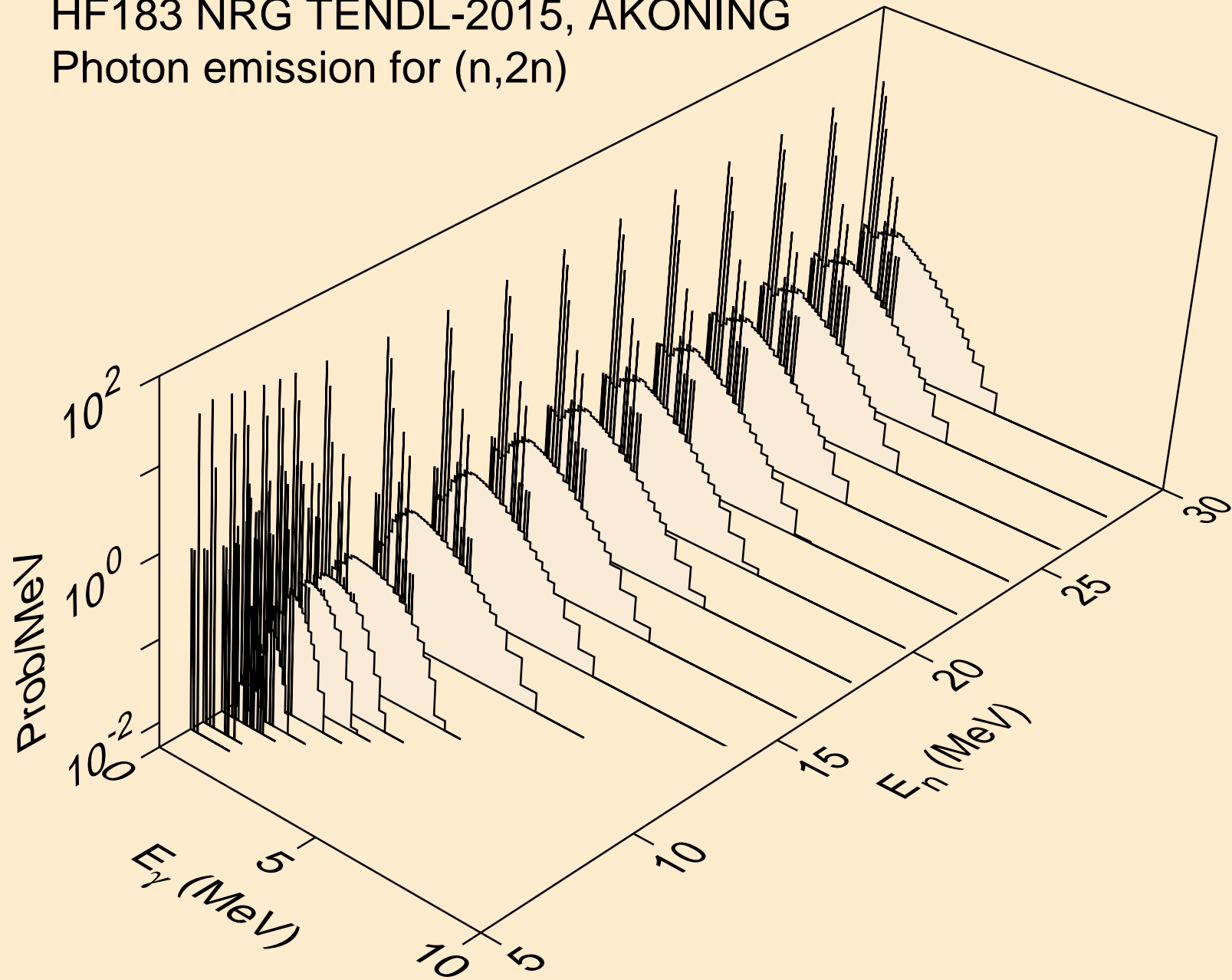


HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

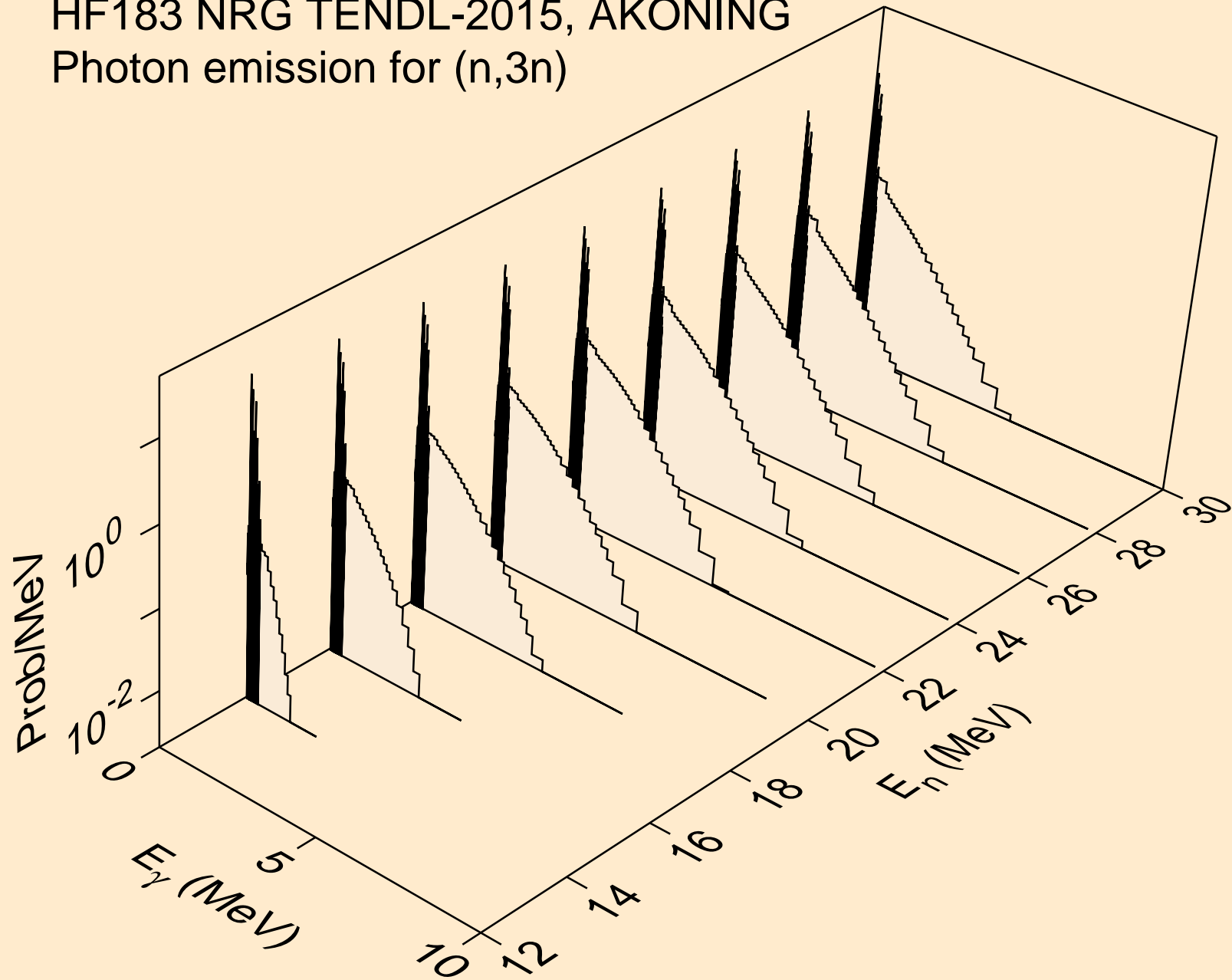




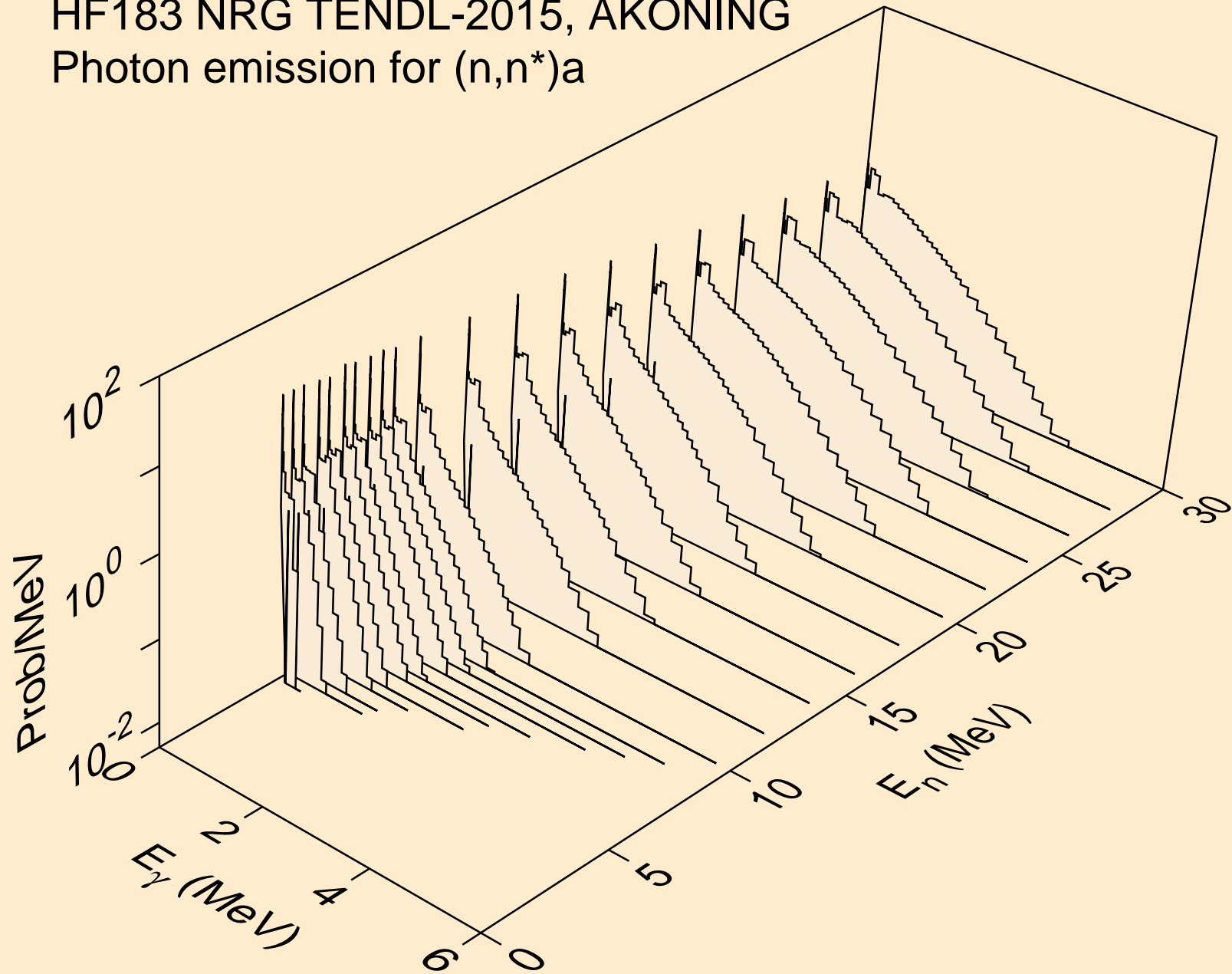
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



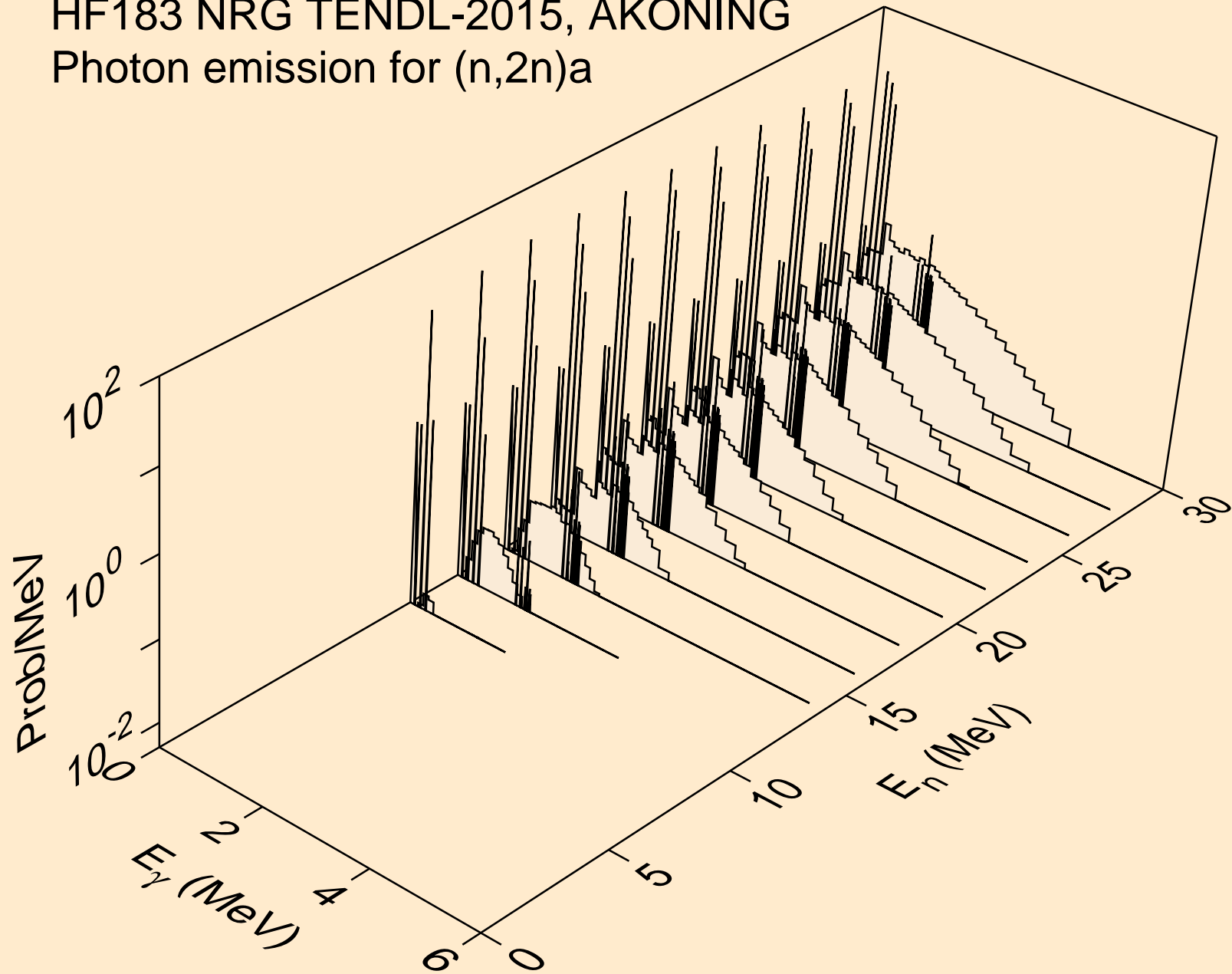
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



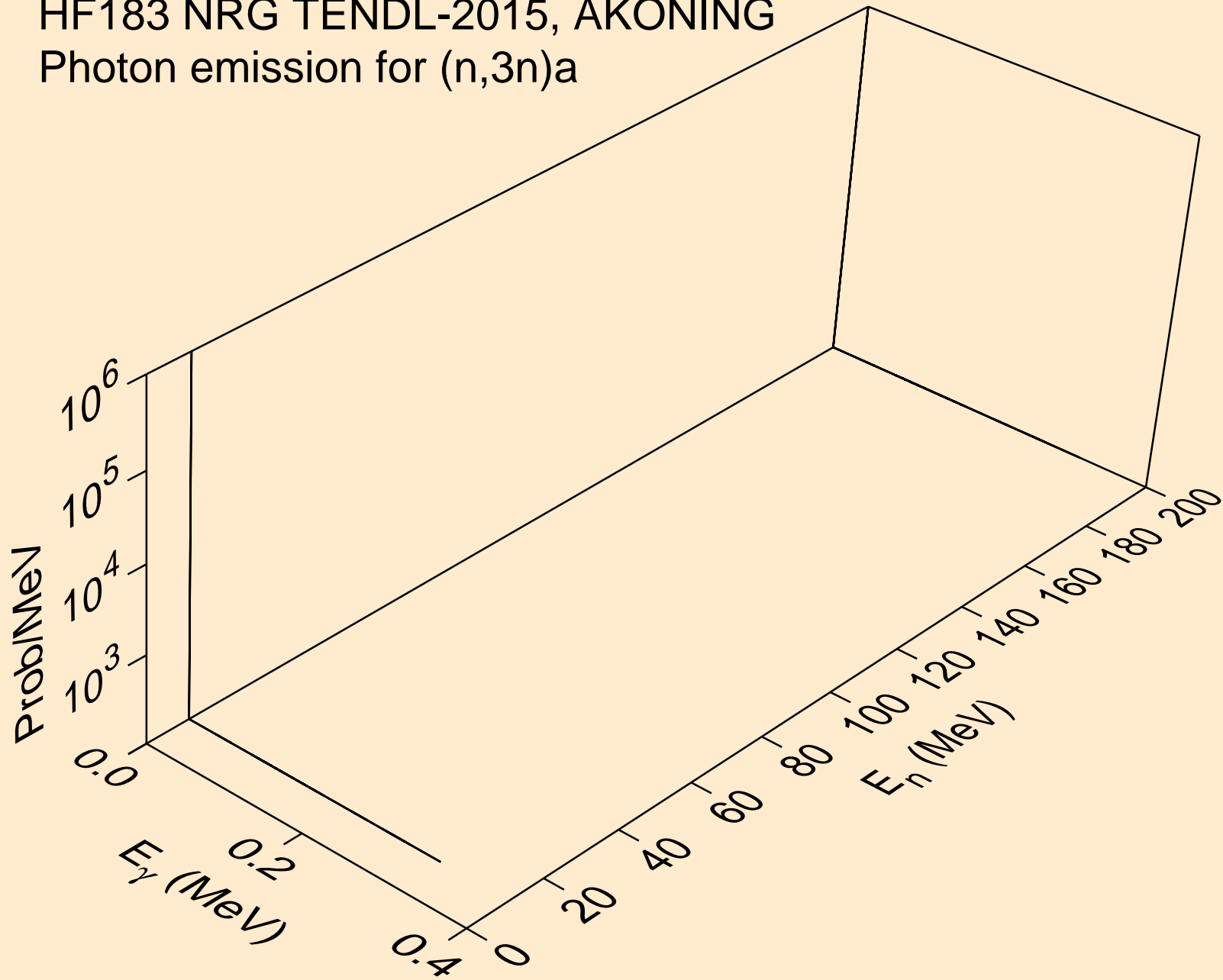
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

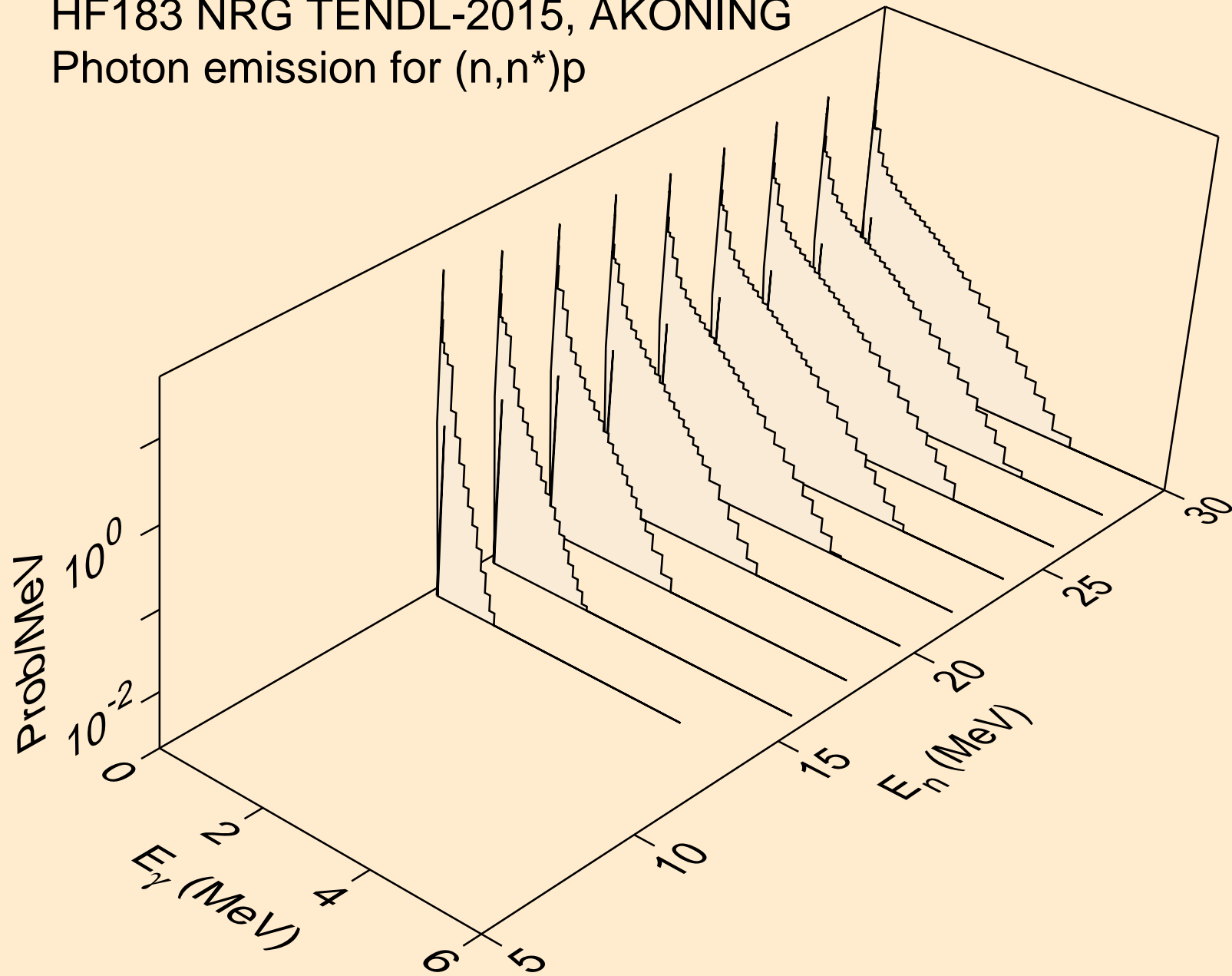


HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

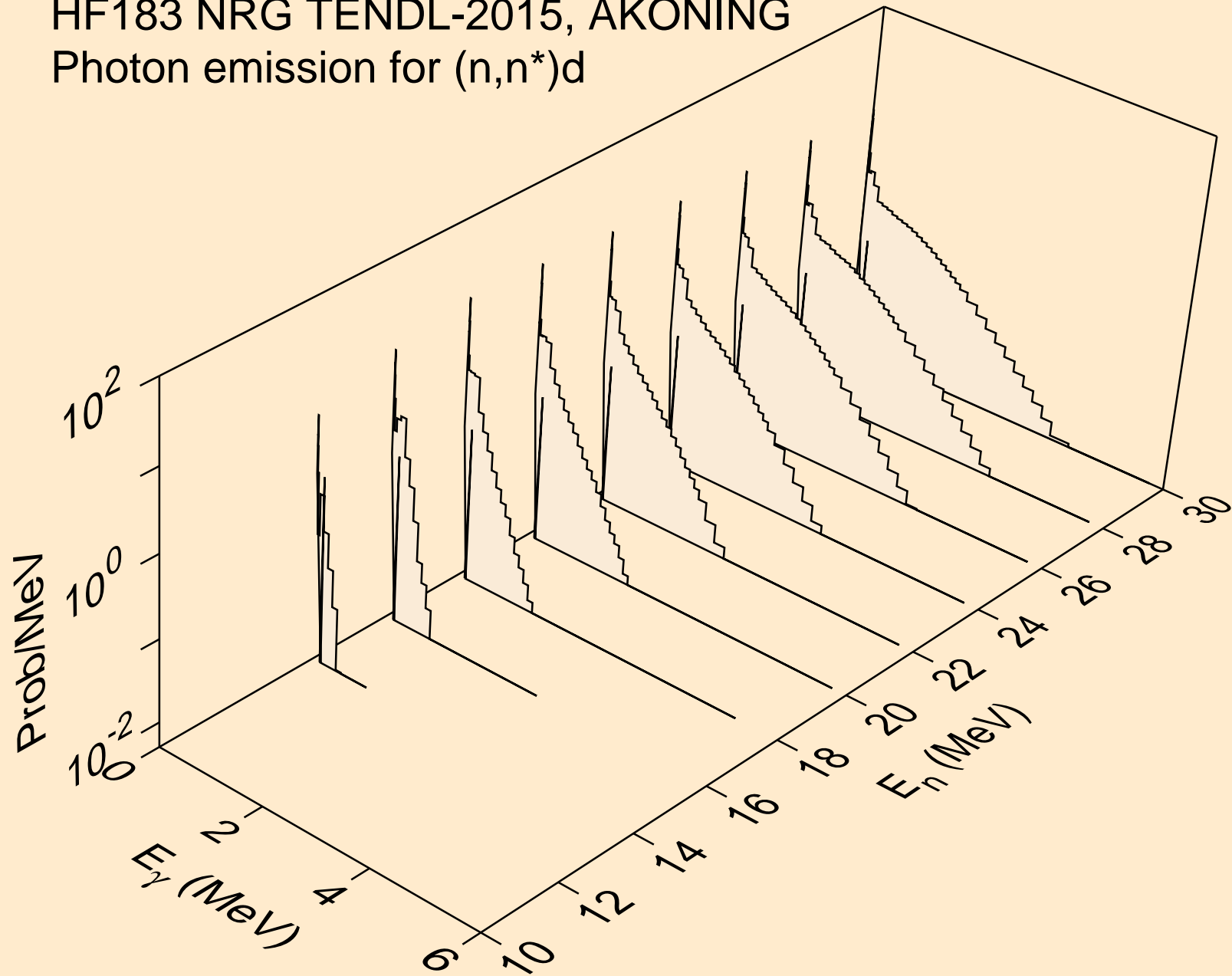


HF183 NRG TENDL-2015, AKONING

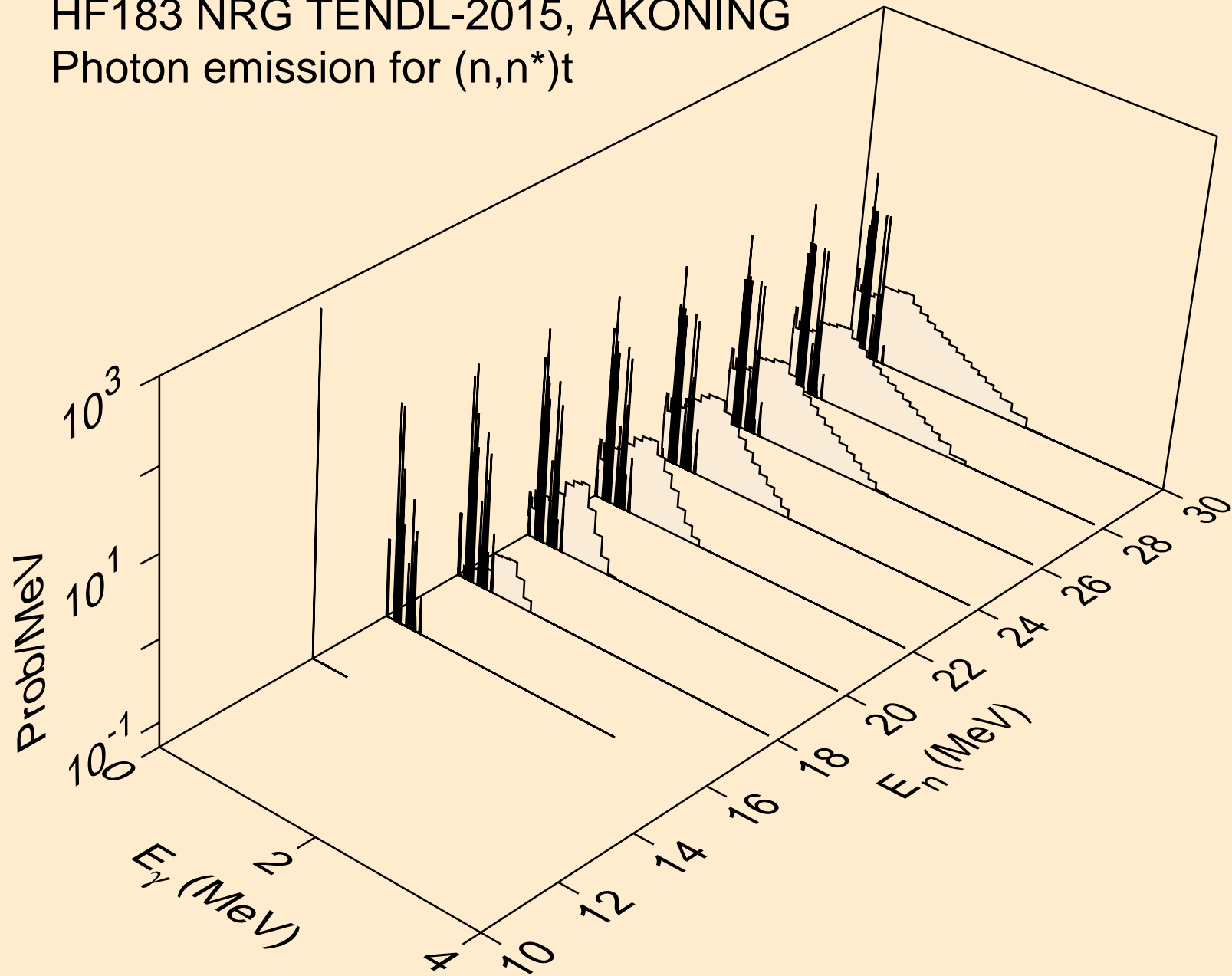
Photon emission for (n,n\*)p



HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

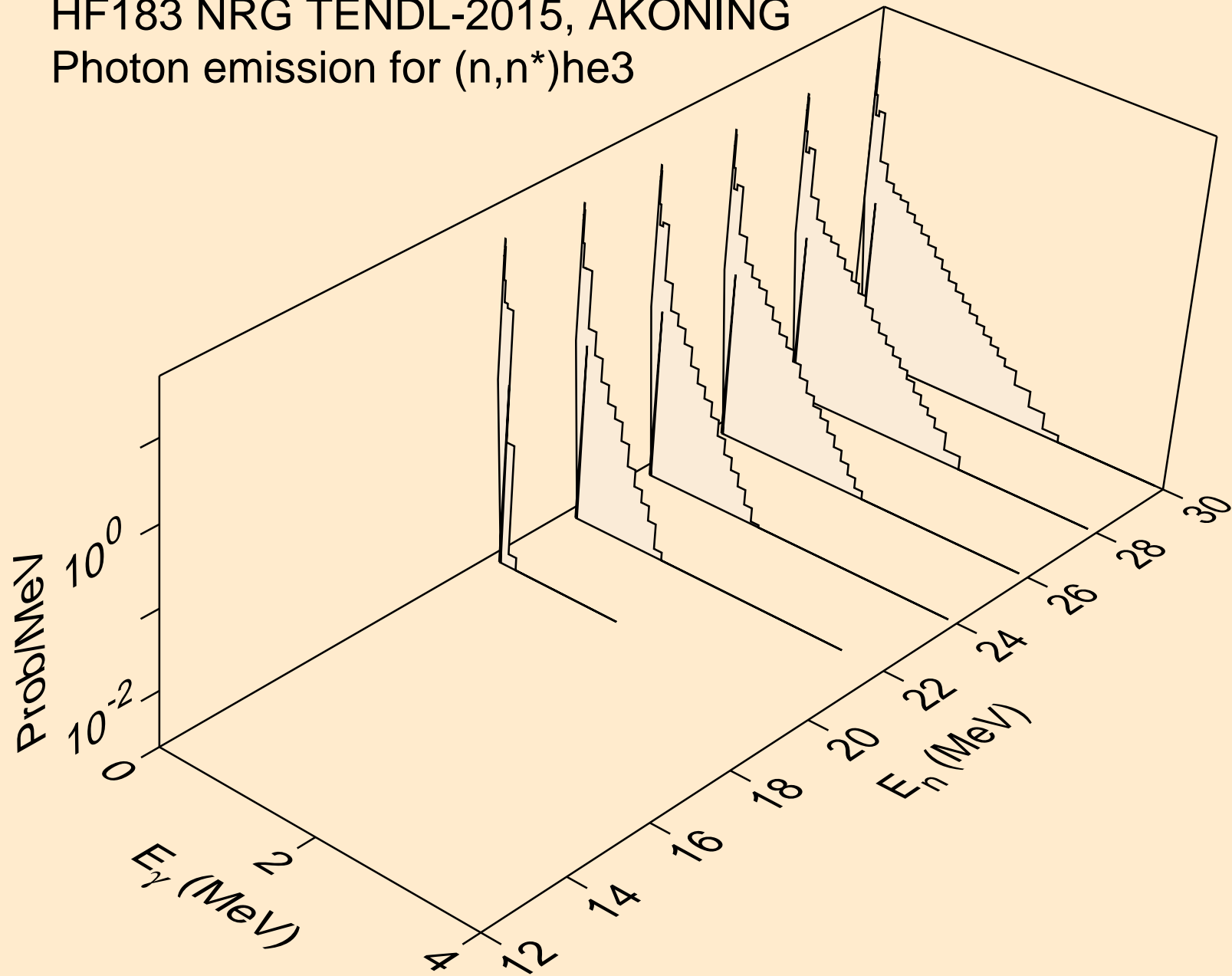


HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

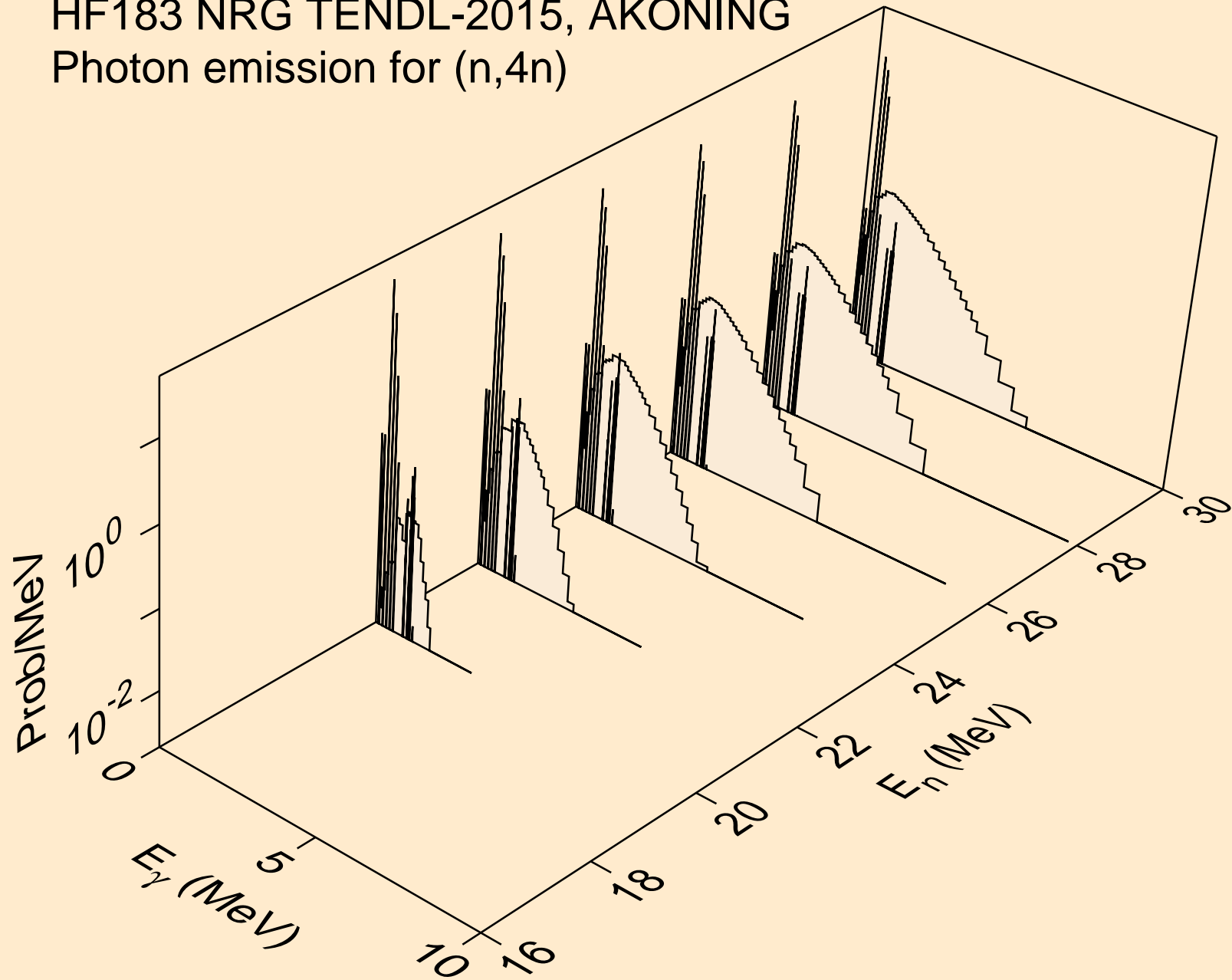




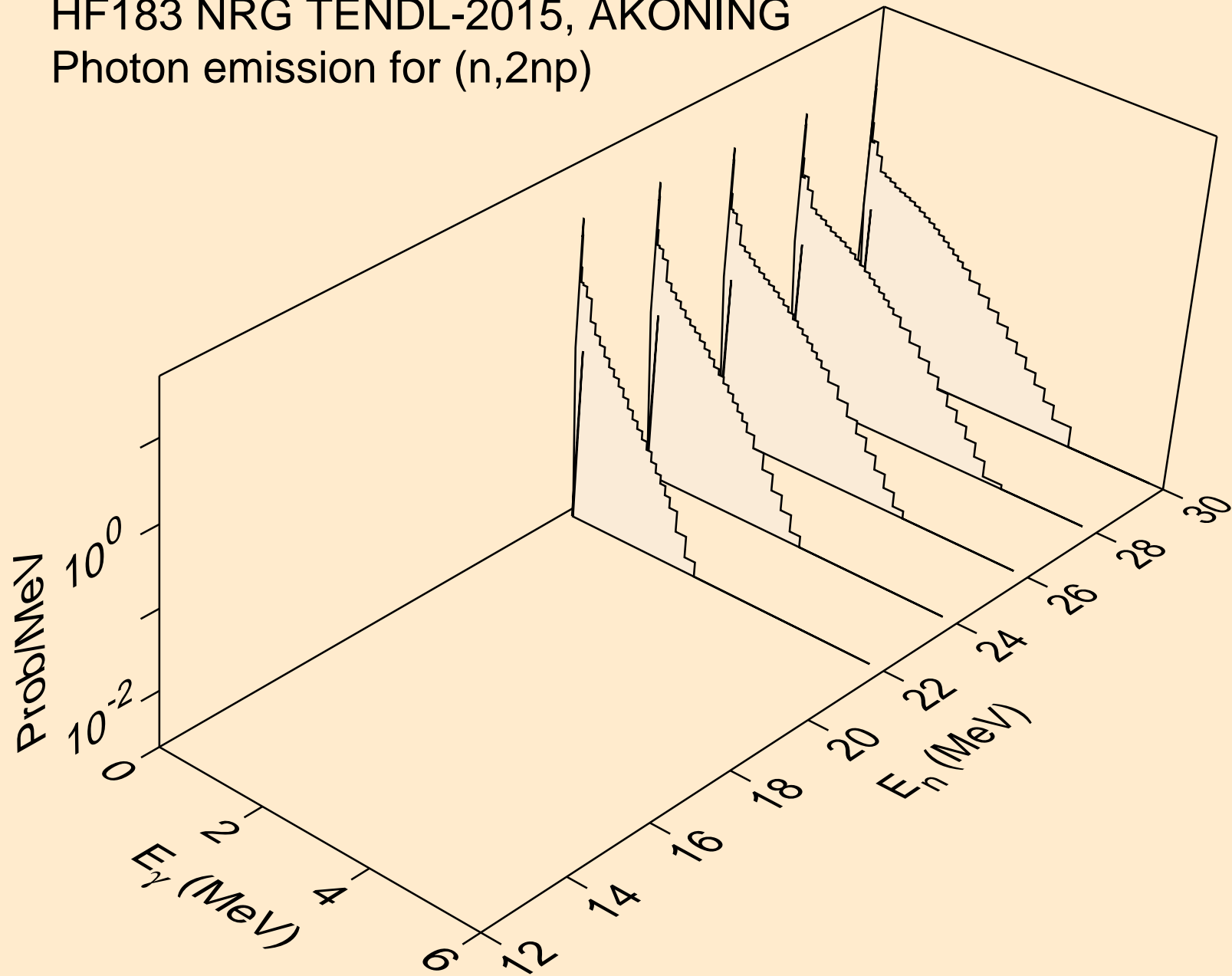
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



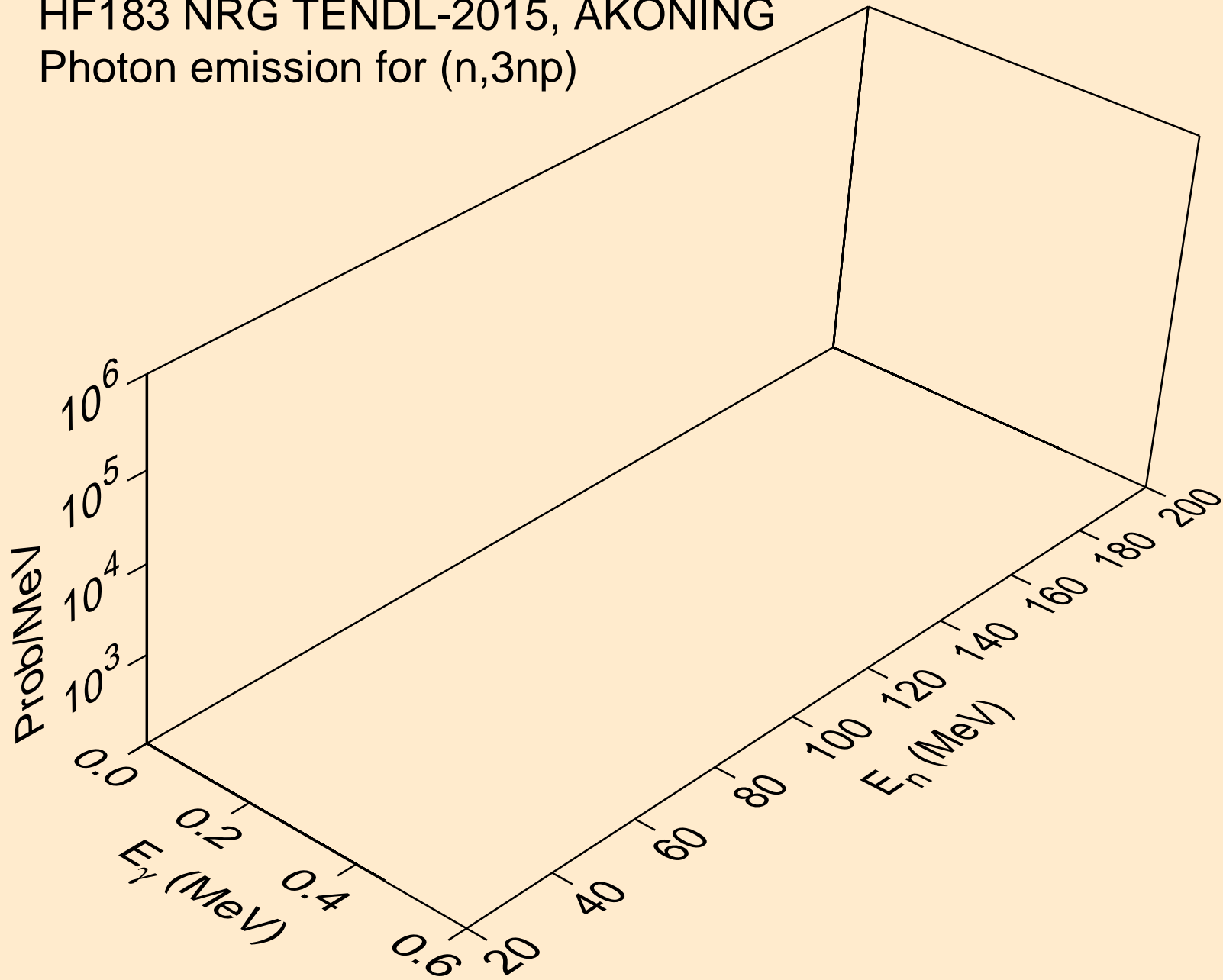
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



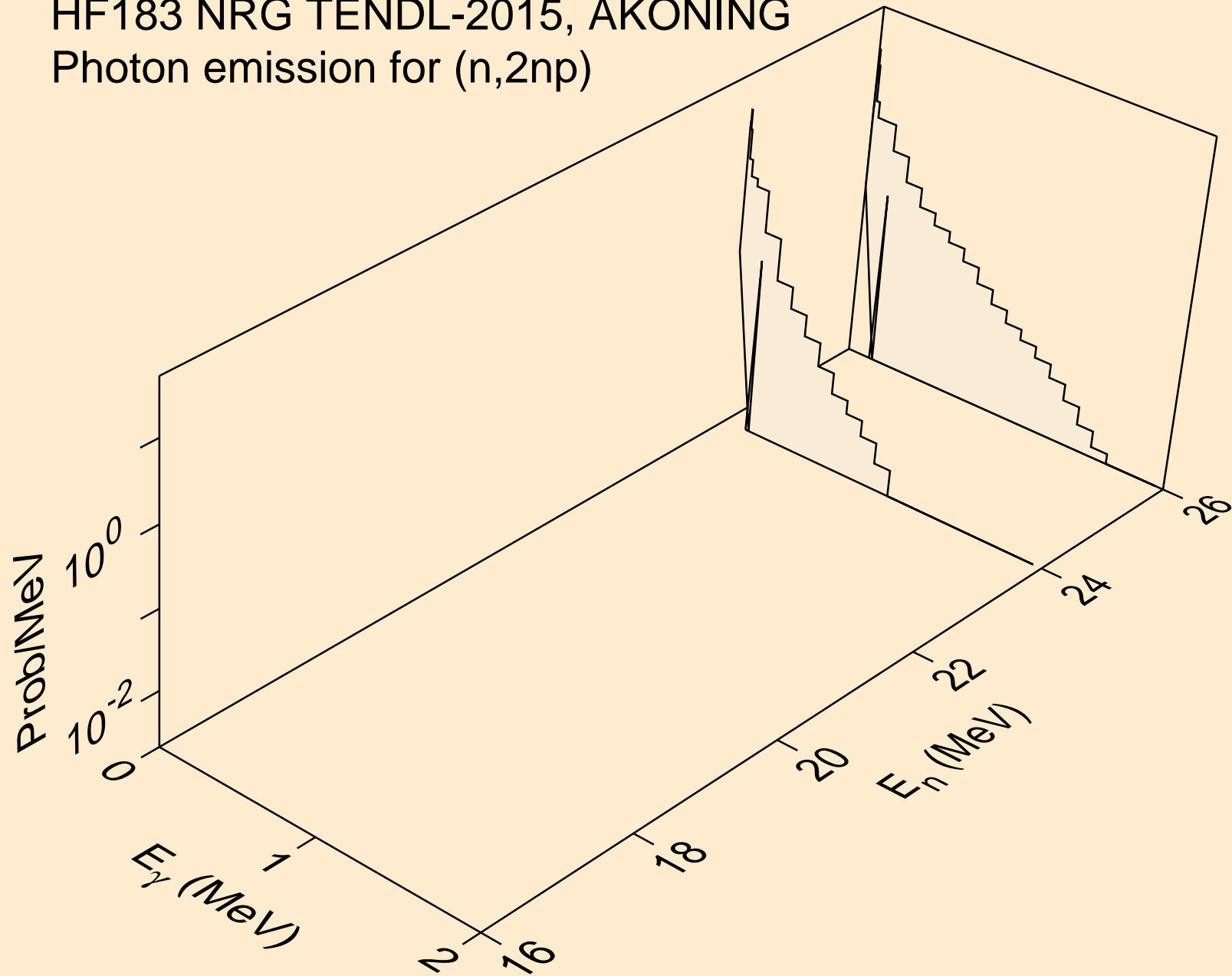
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



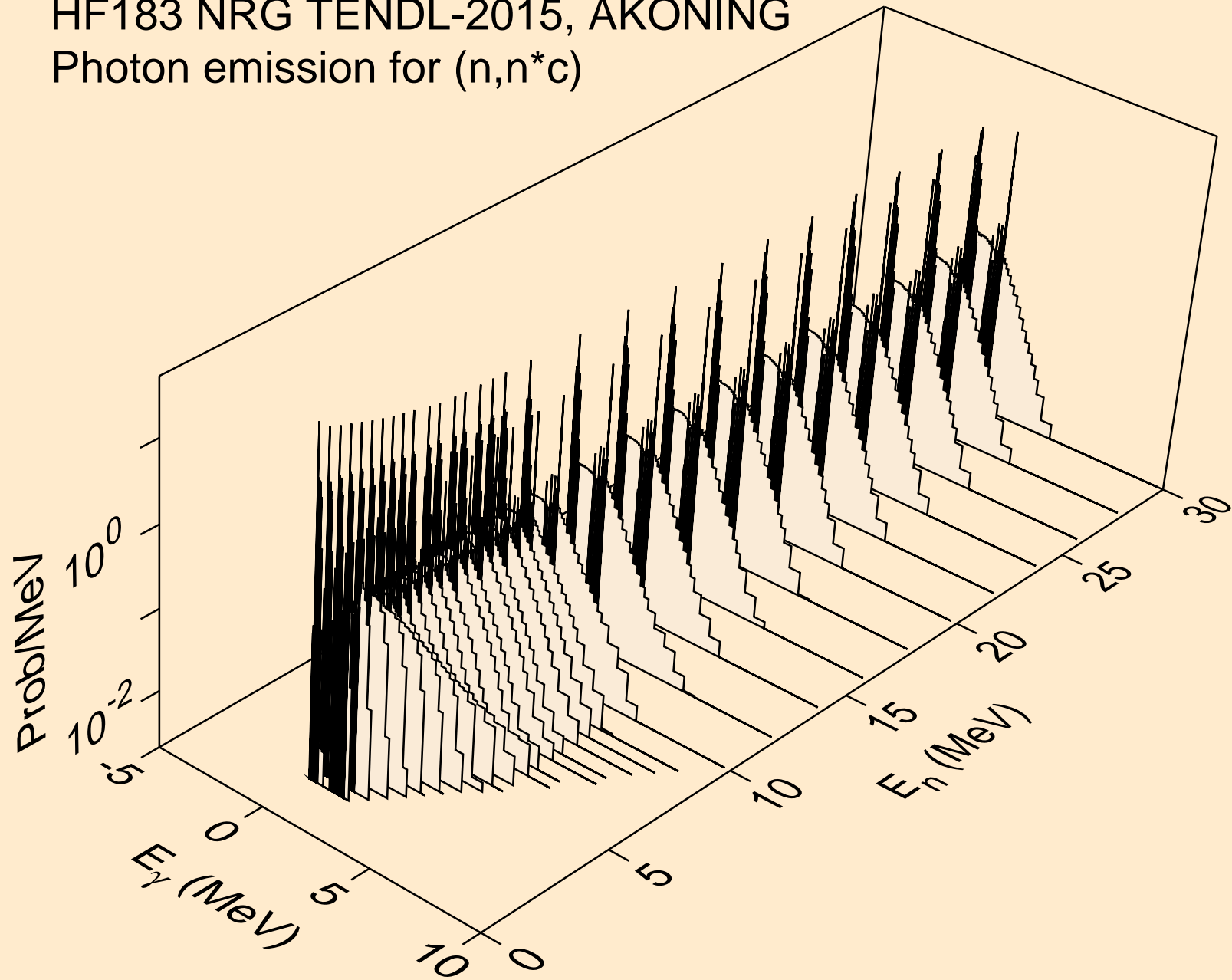
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



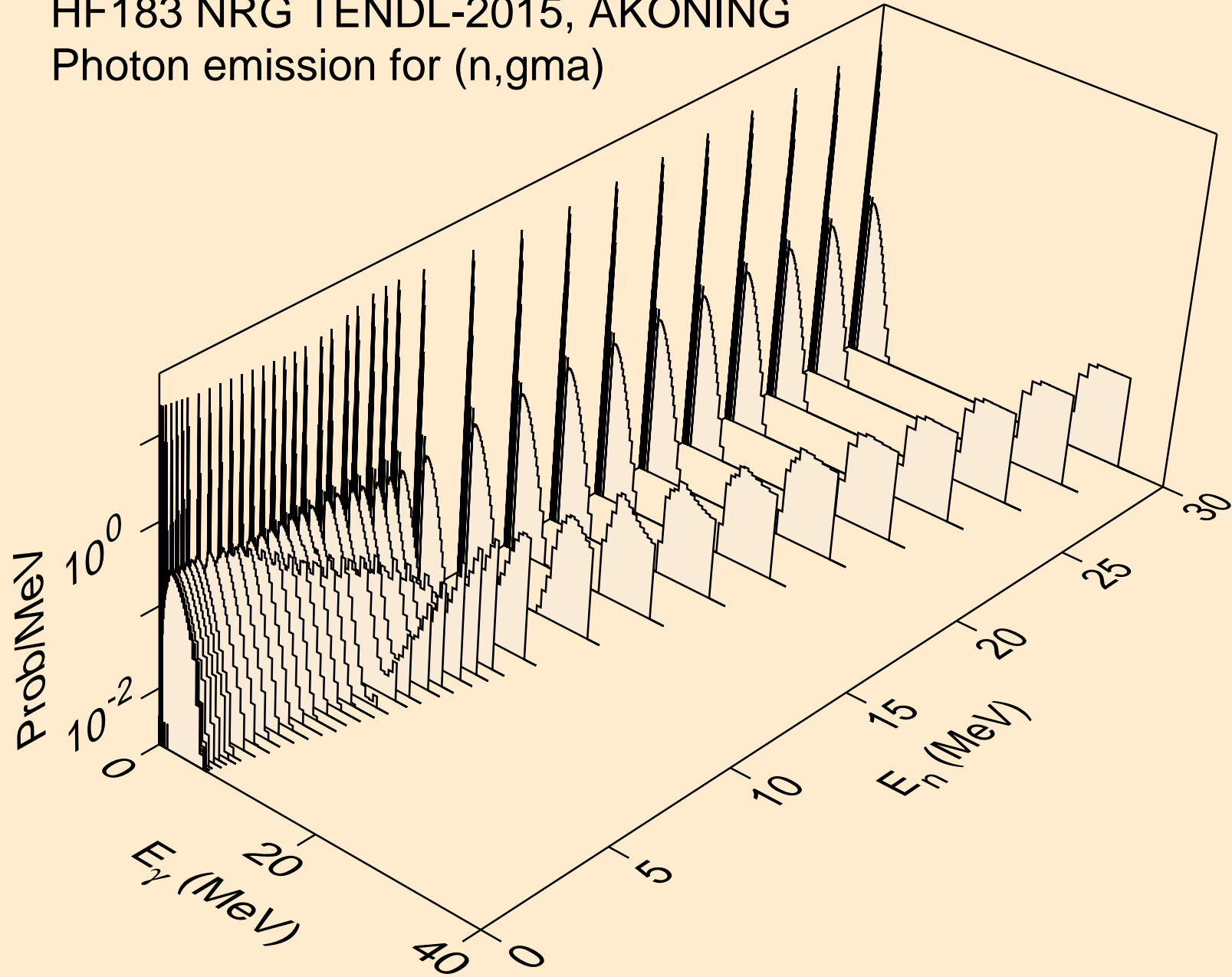
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



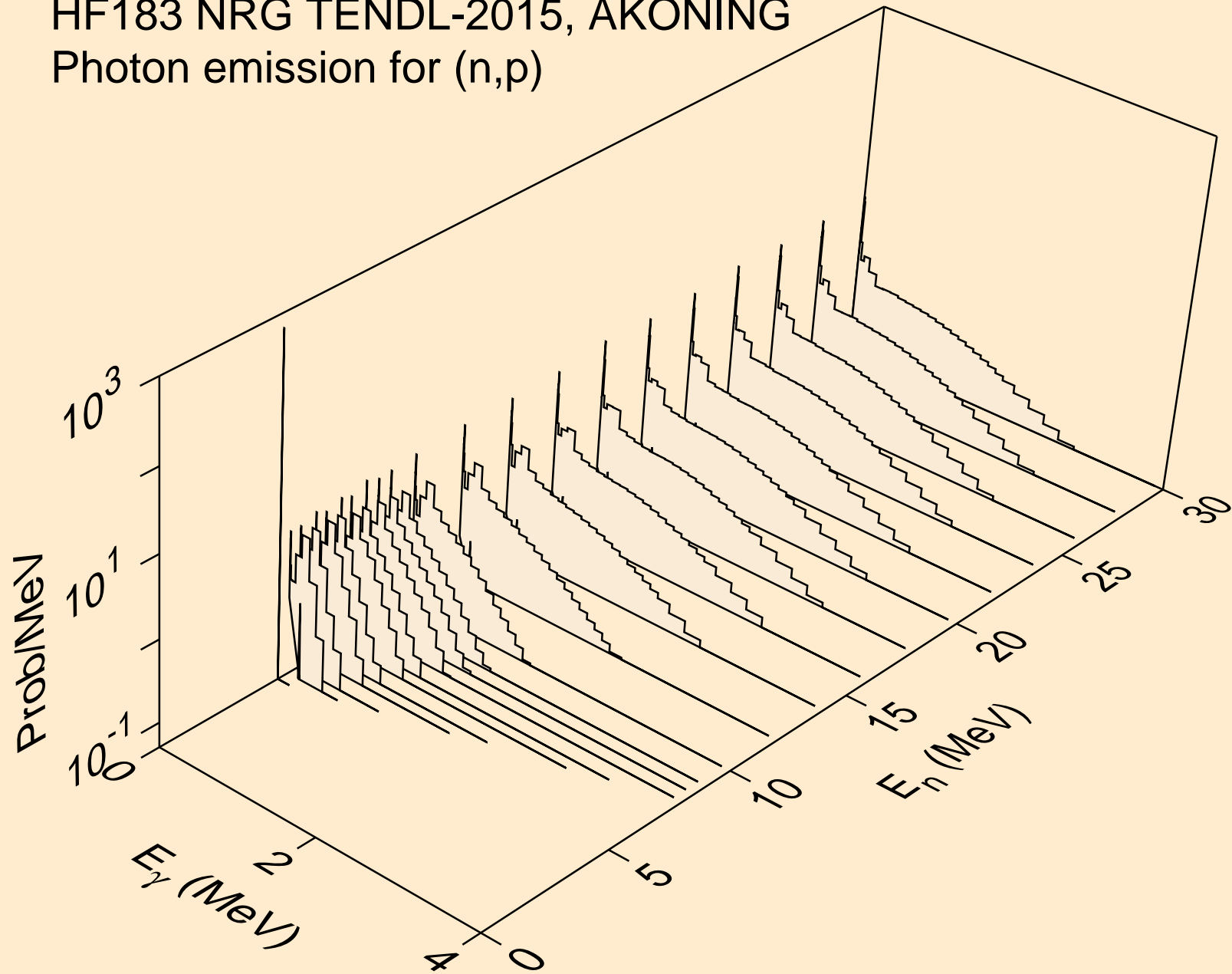
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

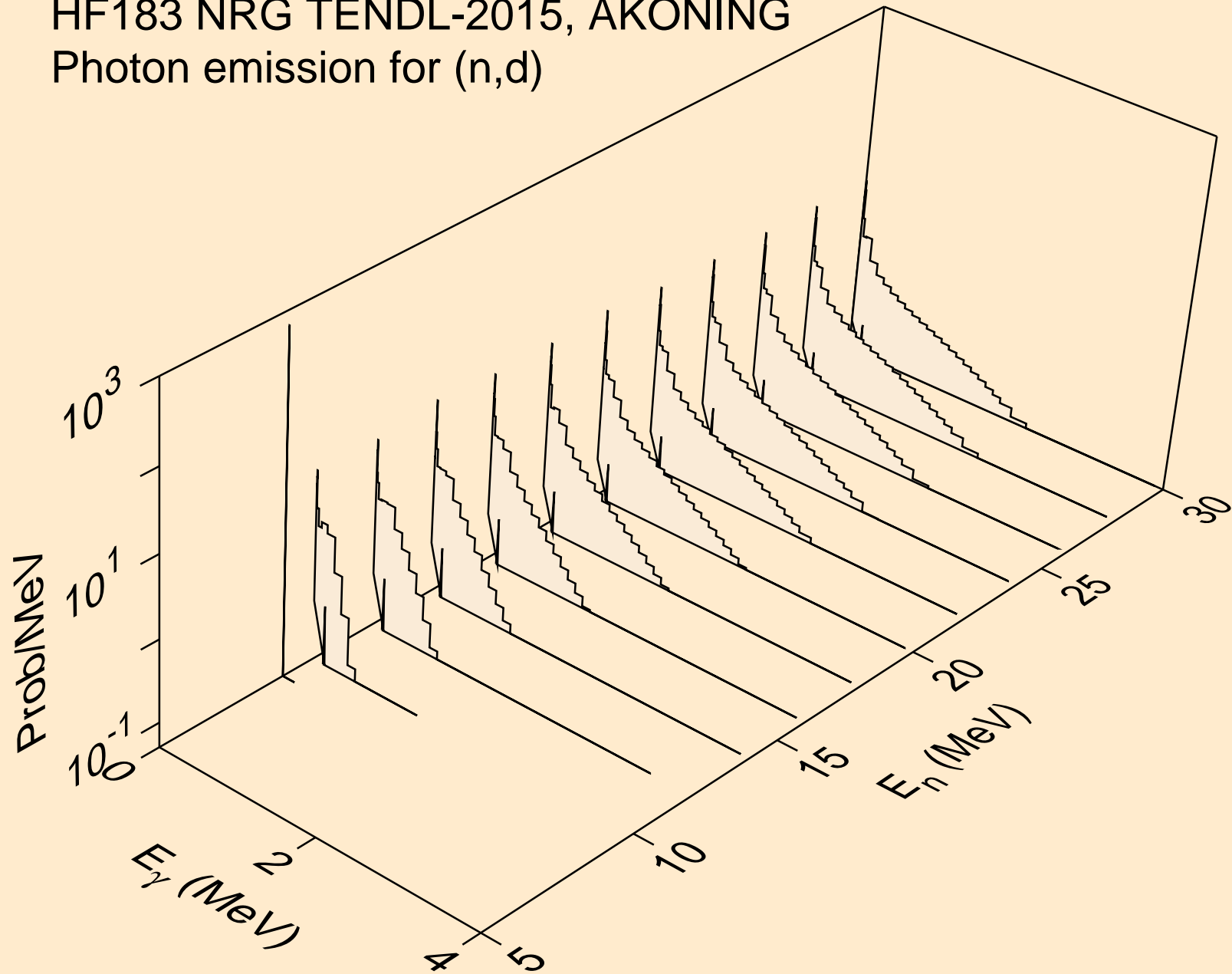


HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

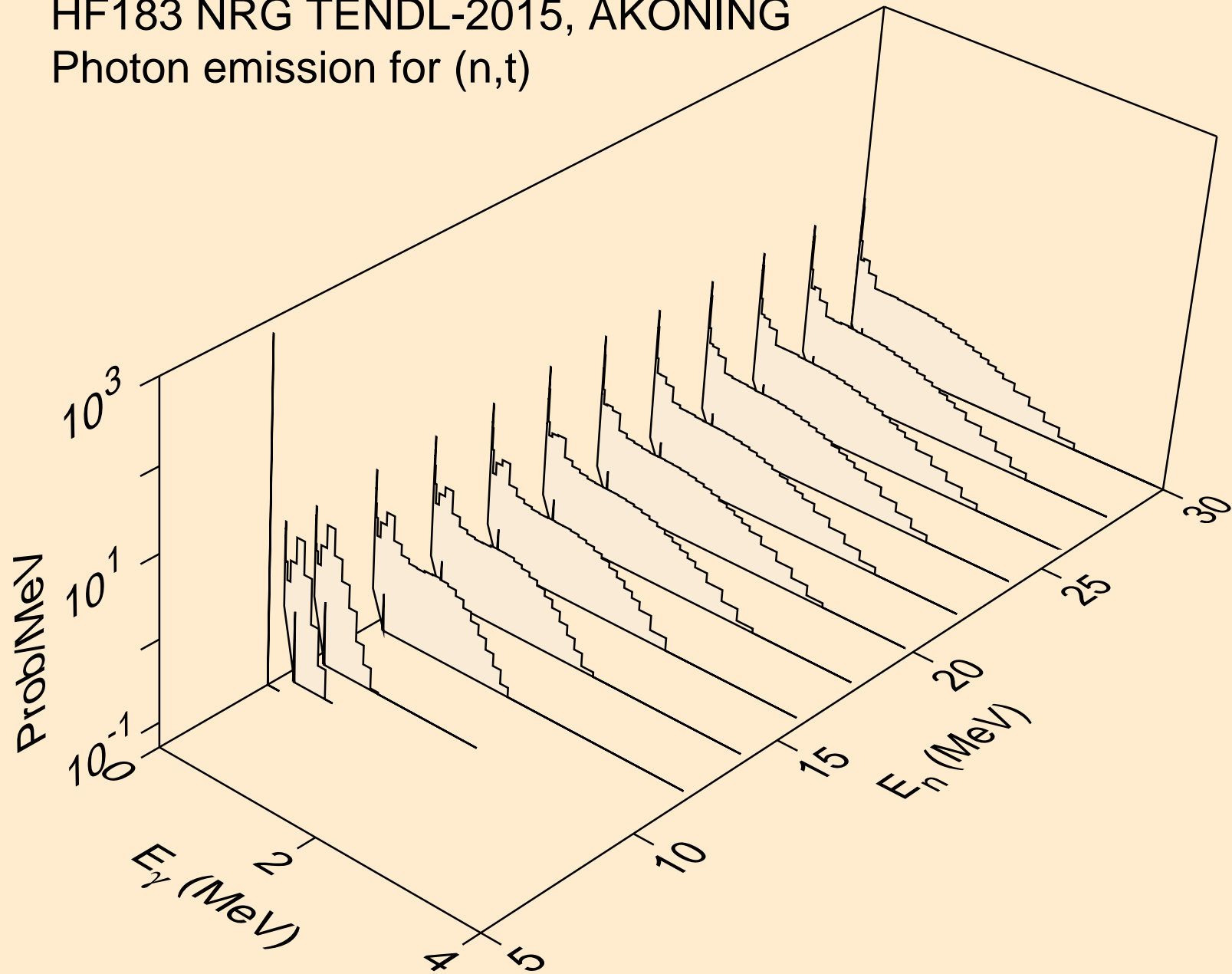




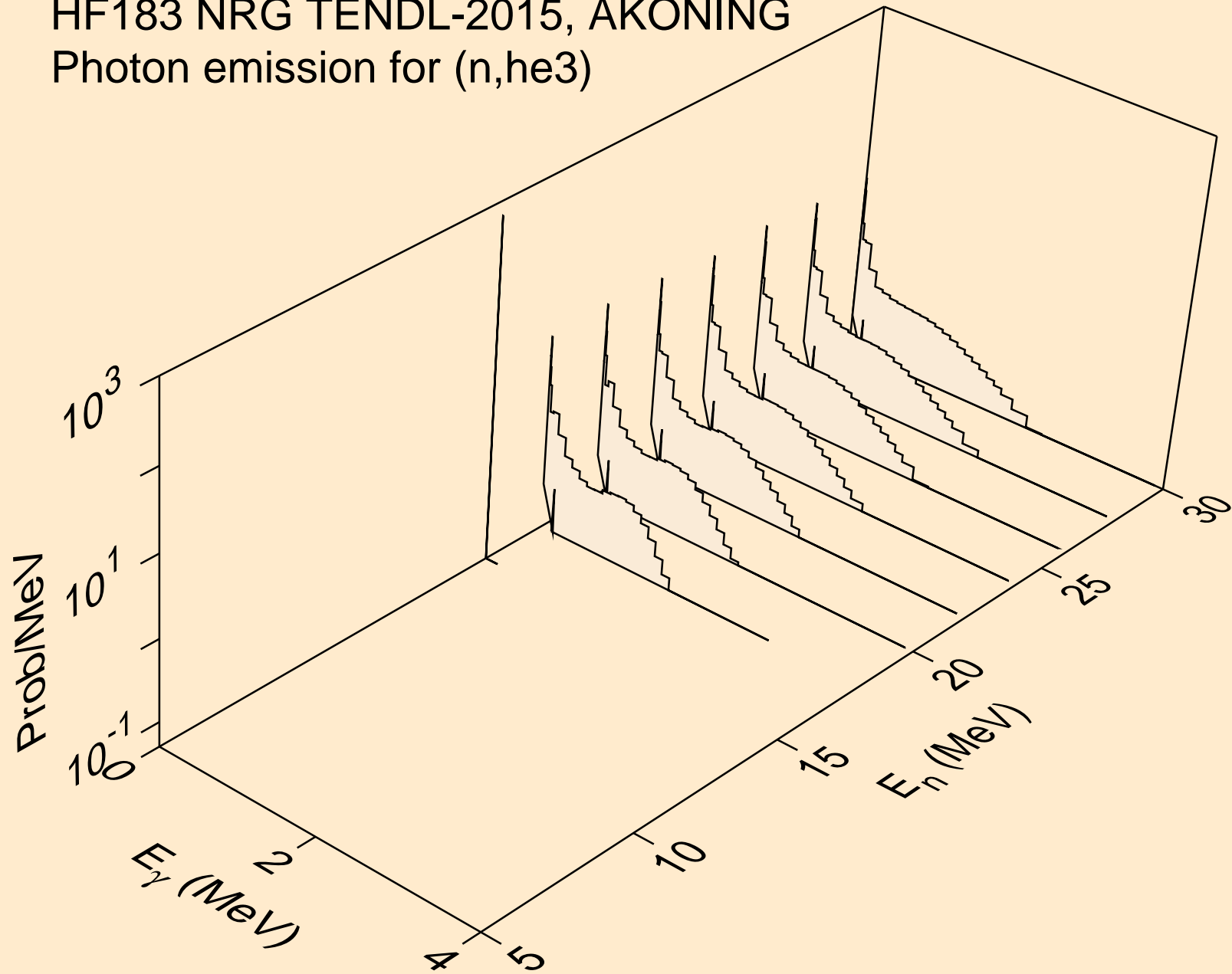
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



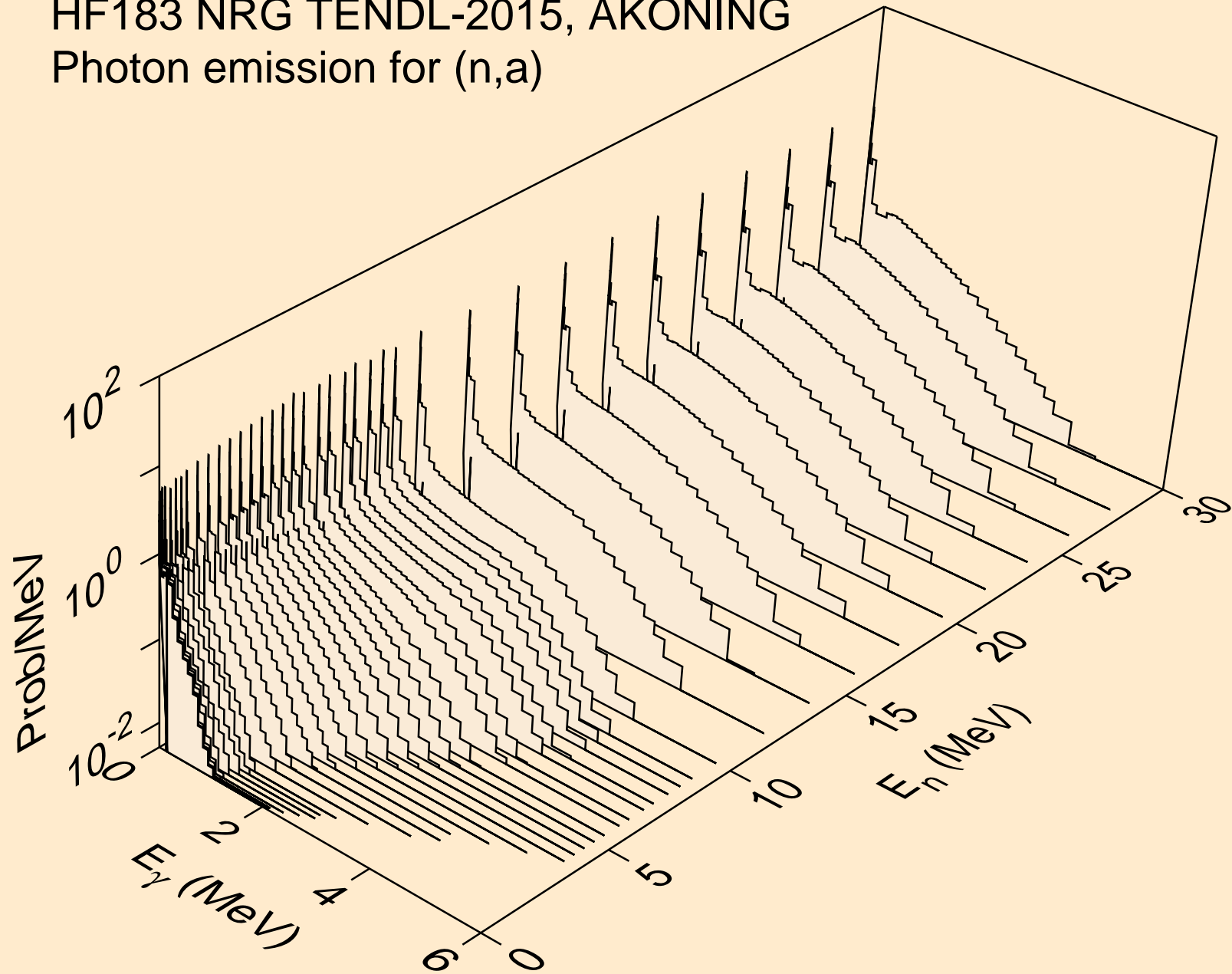
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



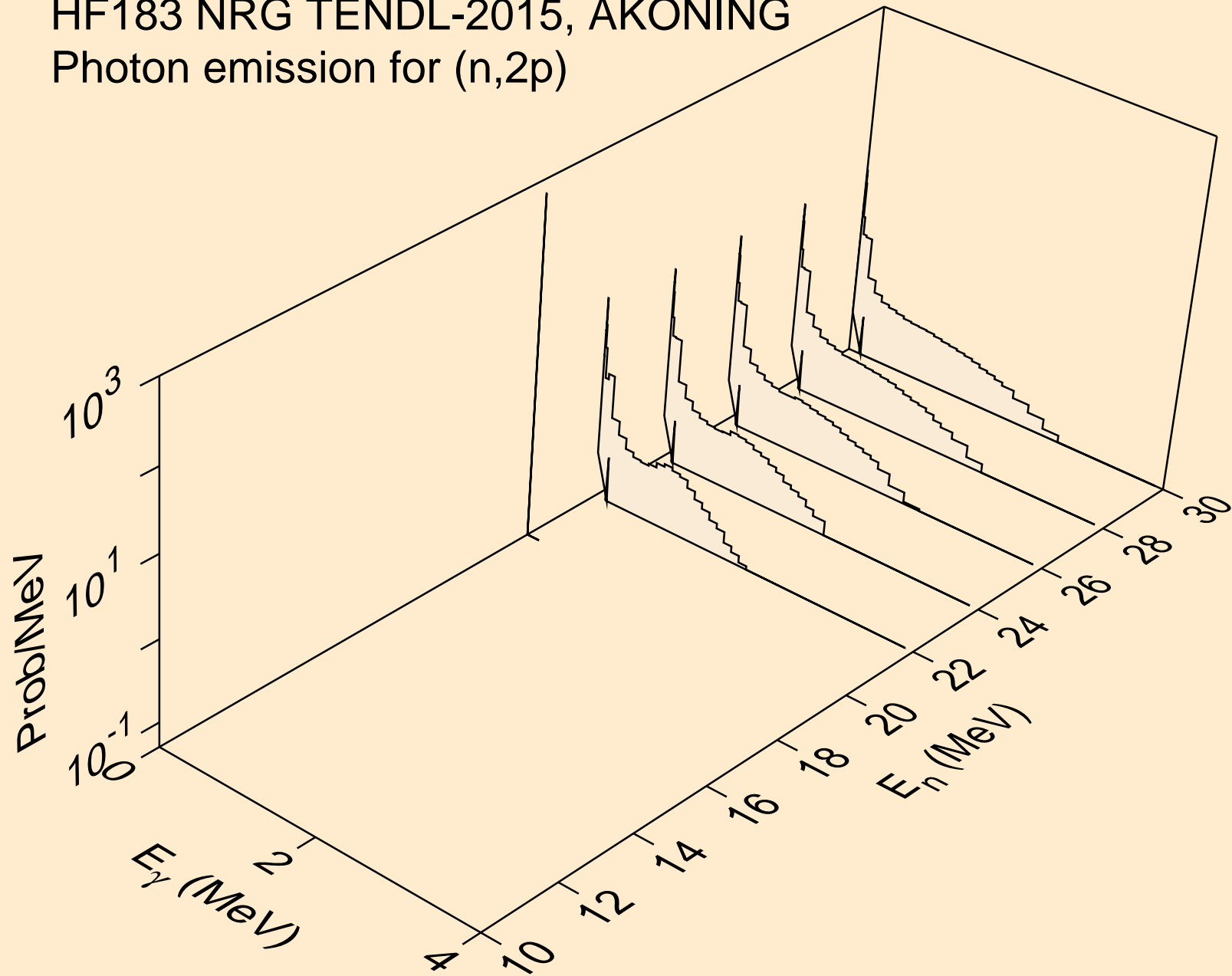
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



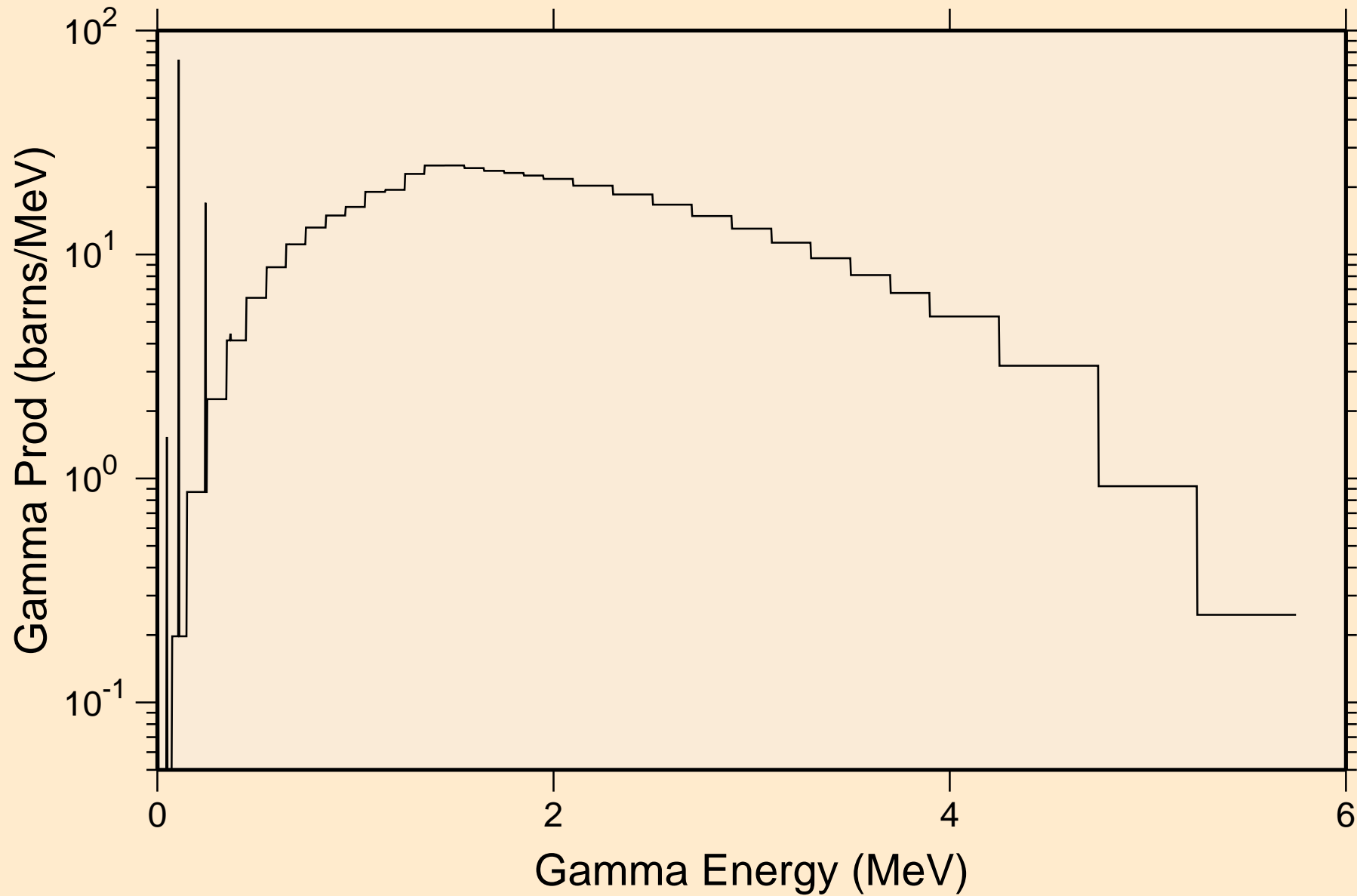
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



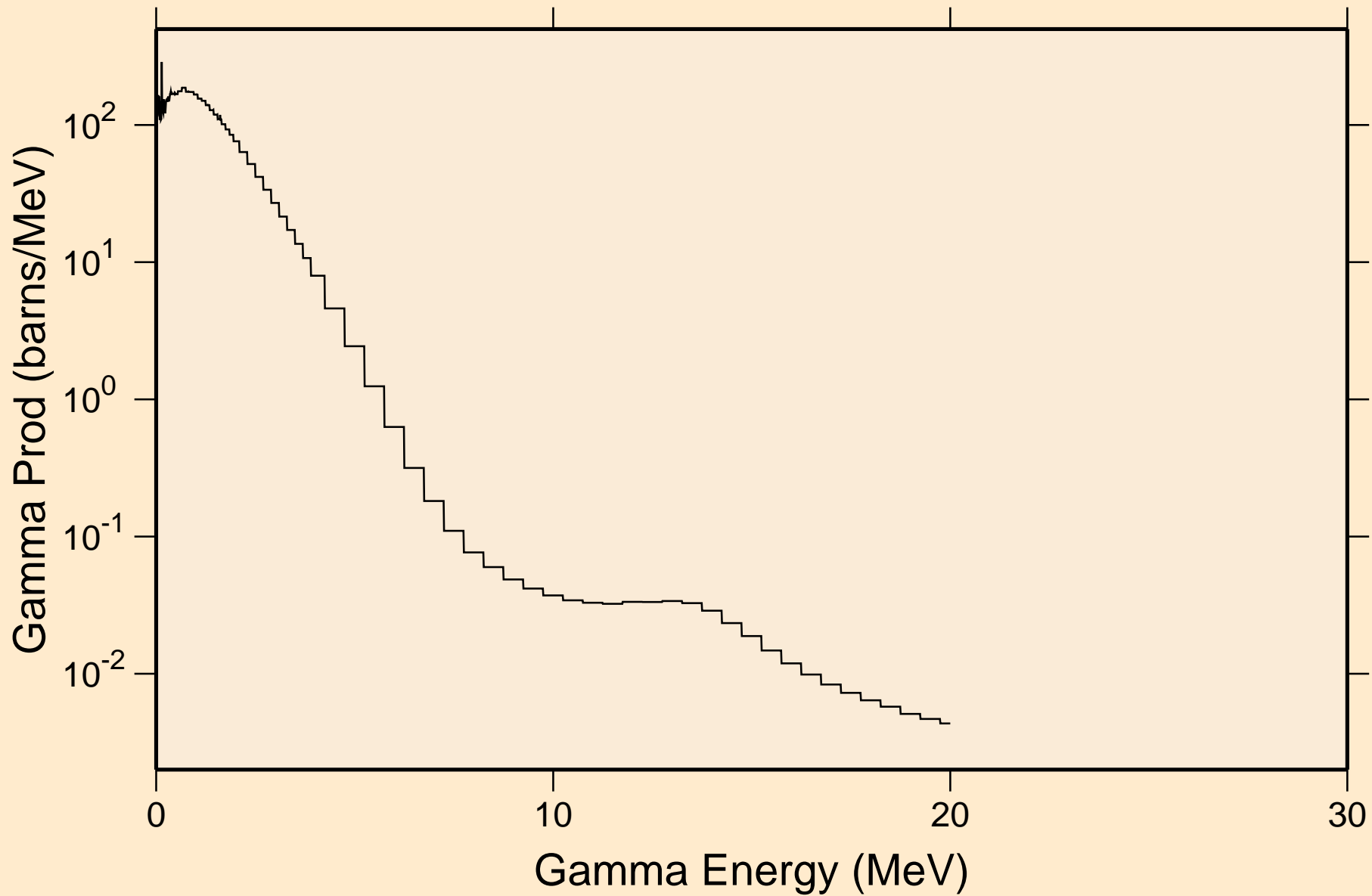
HF183 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



HF183 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

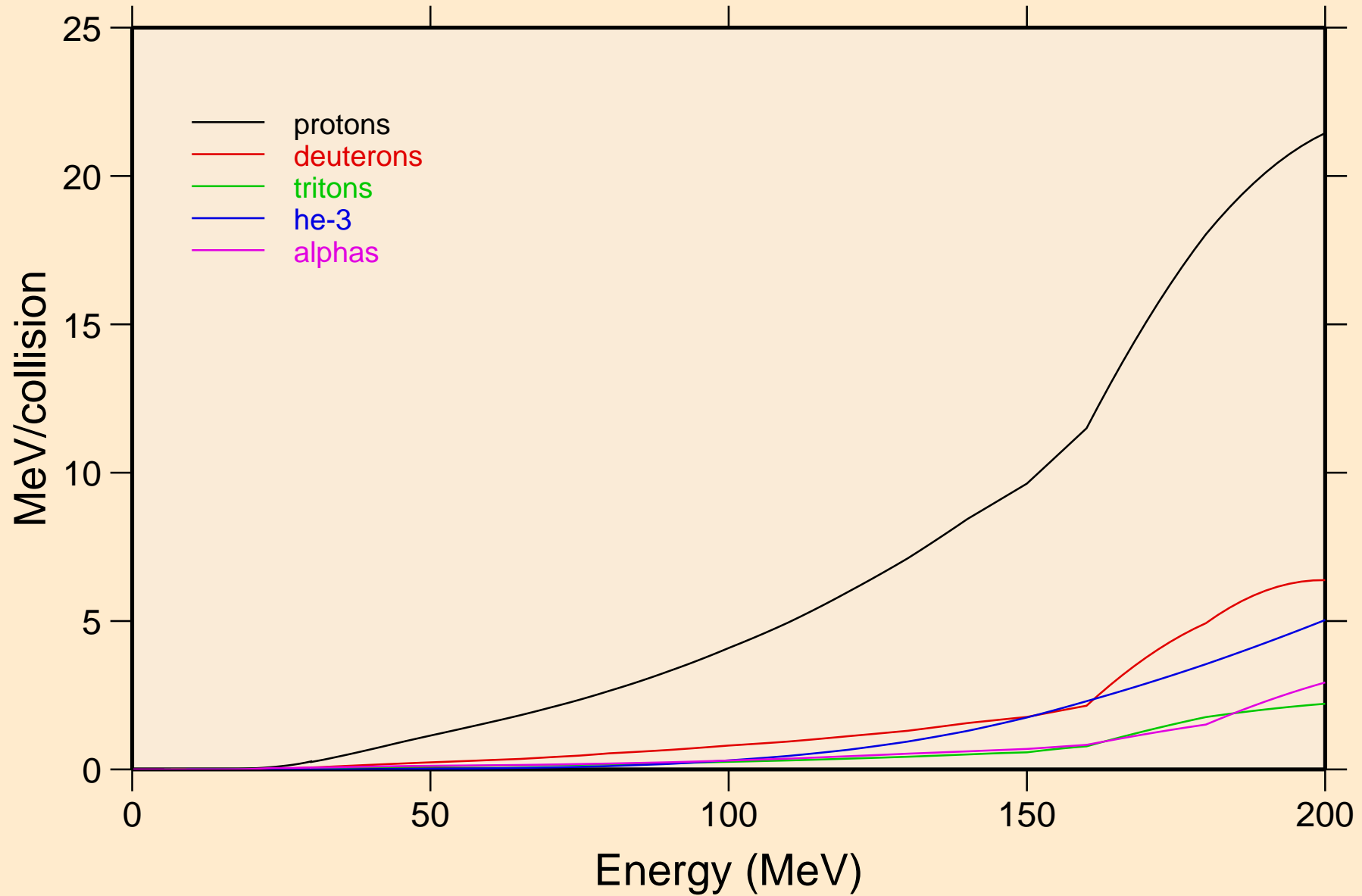


HF183 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# HF183 NRG TENDL-2015, AKONING

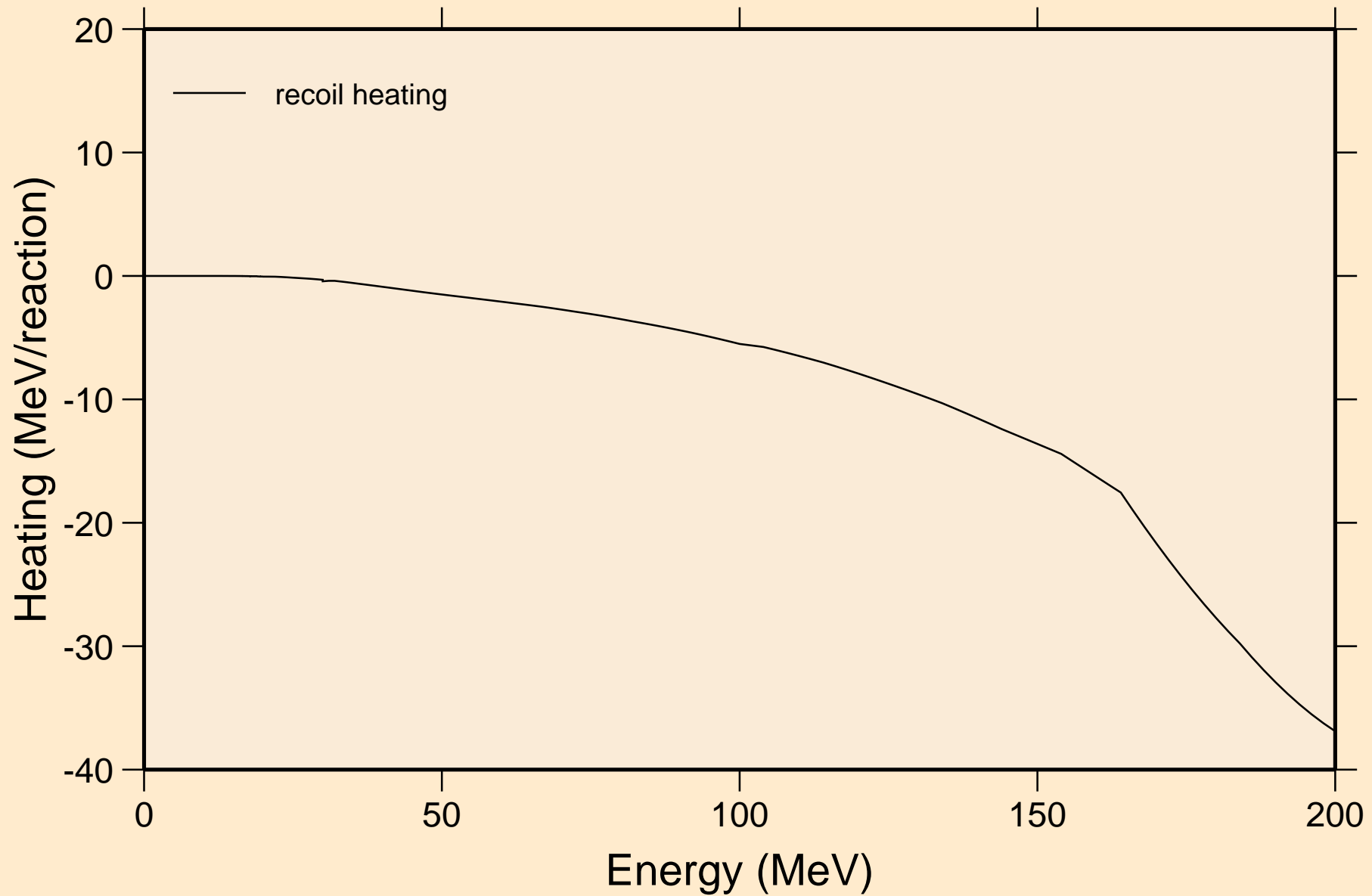
## Particle heating contributions





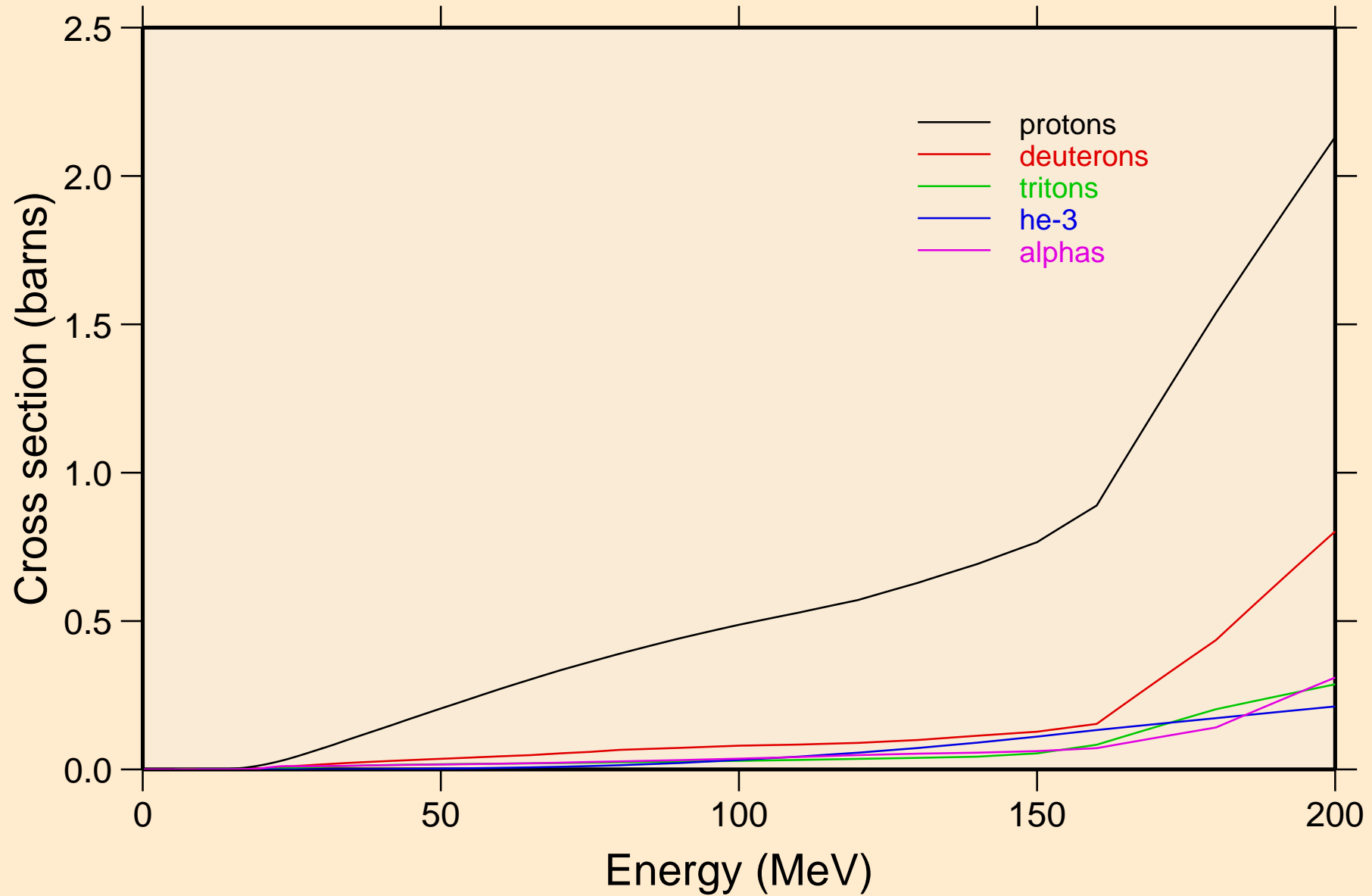
# HF183 NRG TENDL-2015, AKONING

## Recoil Heating

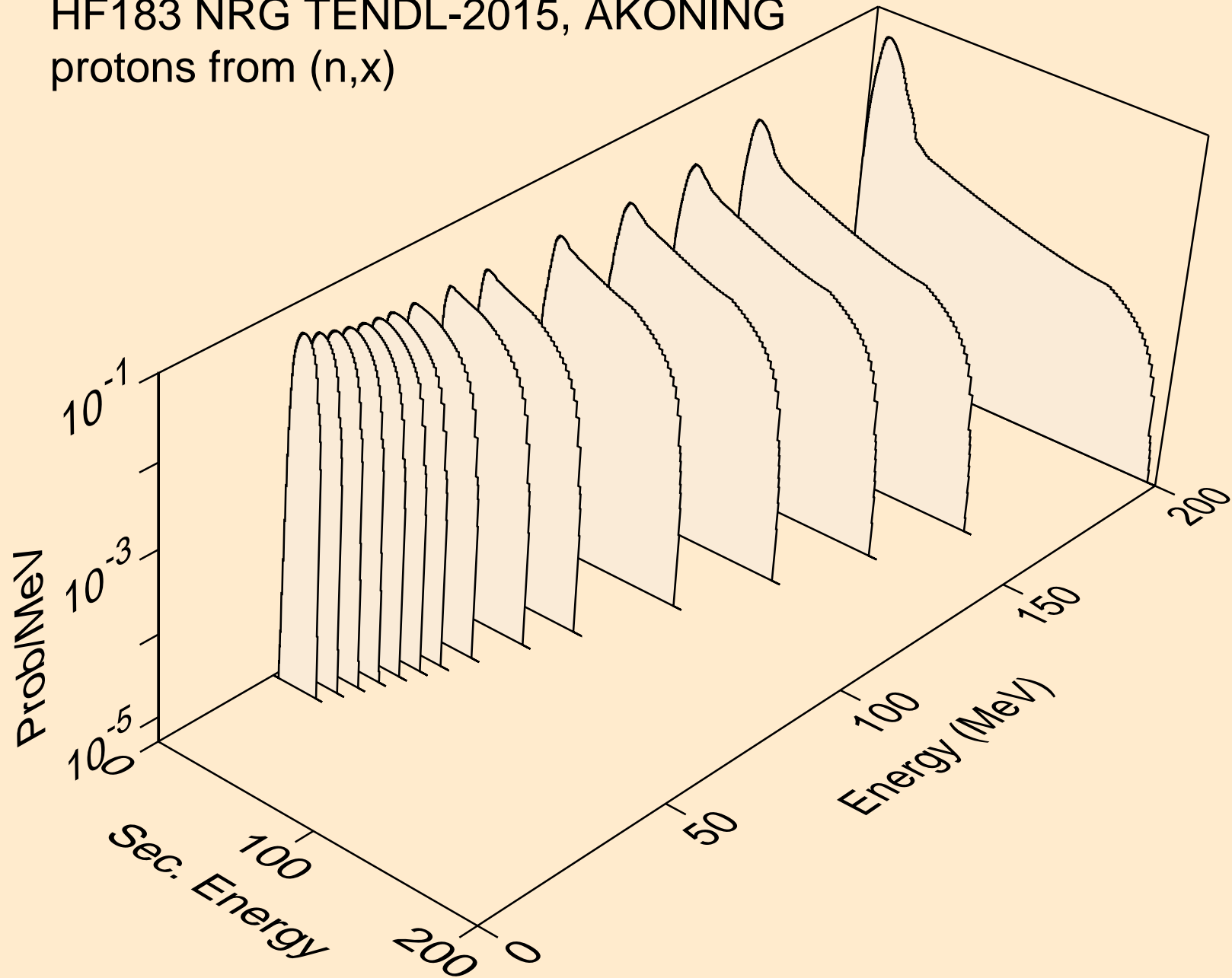


# HF183 NRG TENDL-2015, AKONING

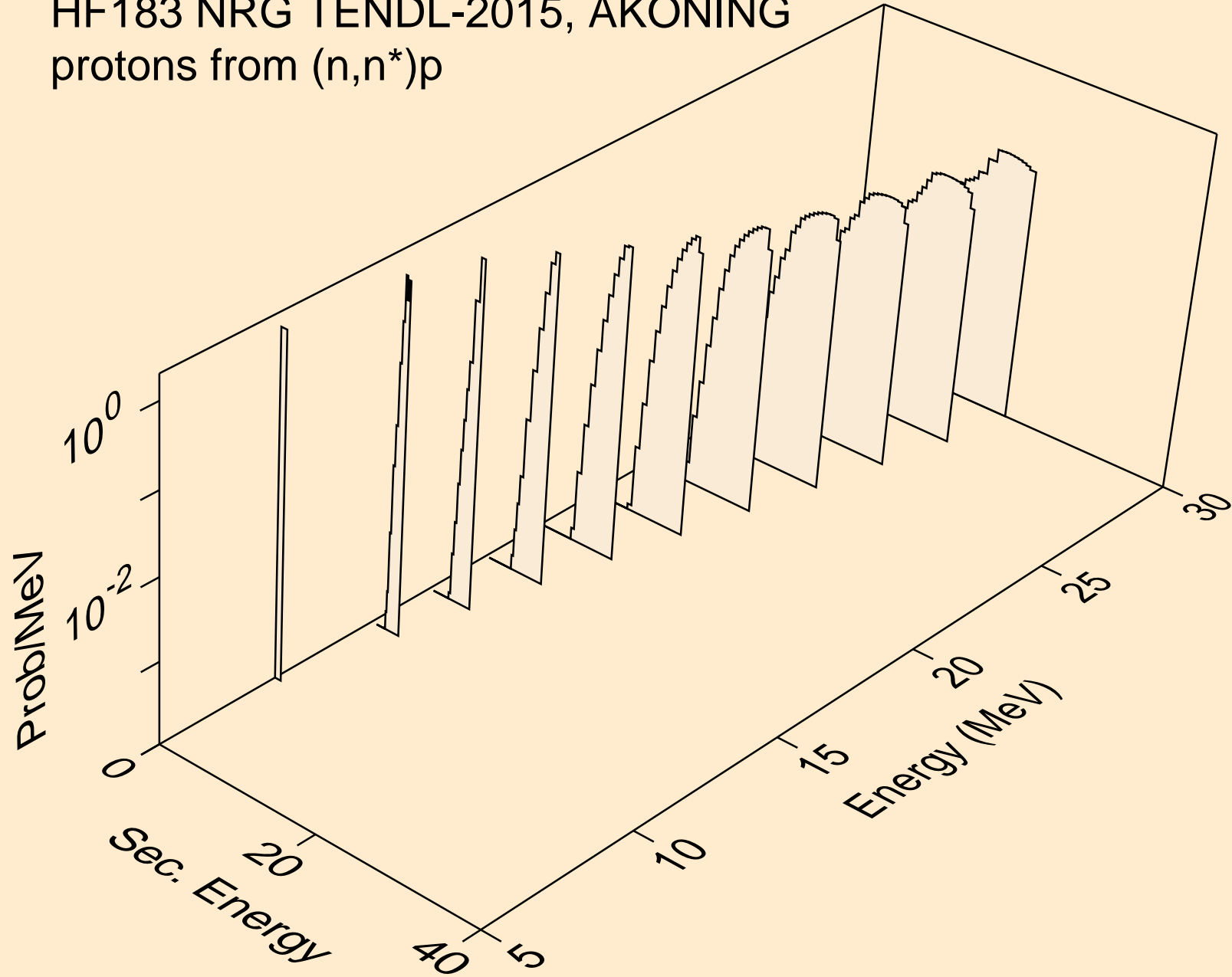
## Particle production cross sections



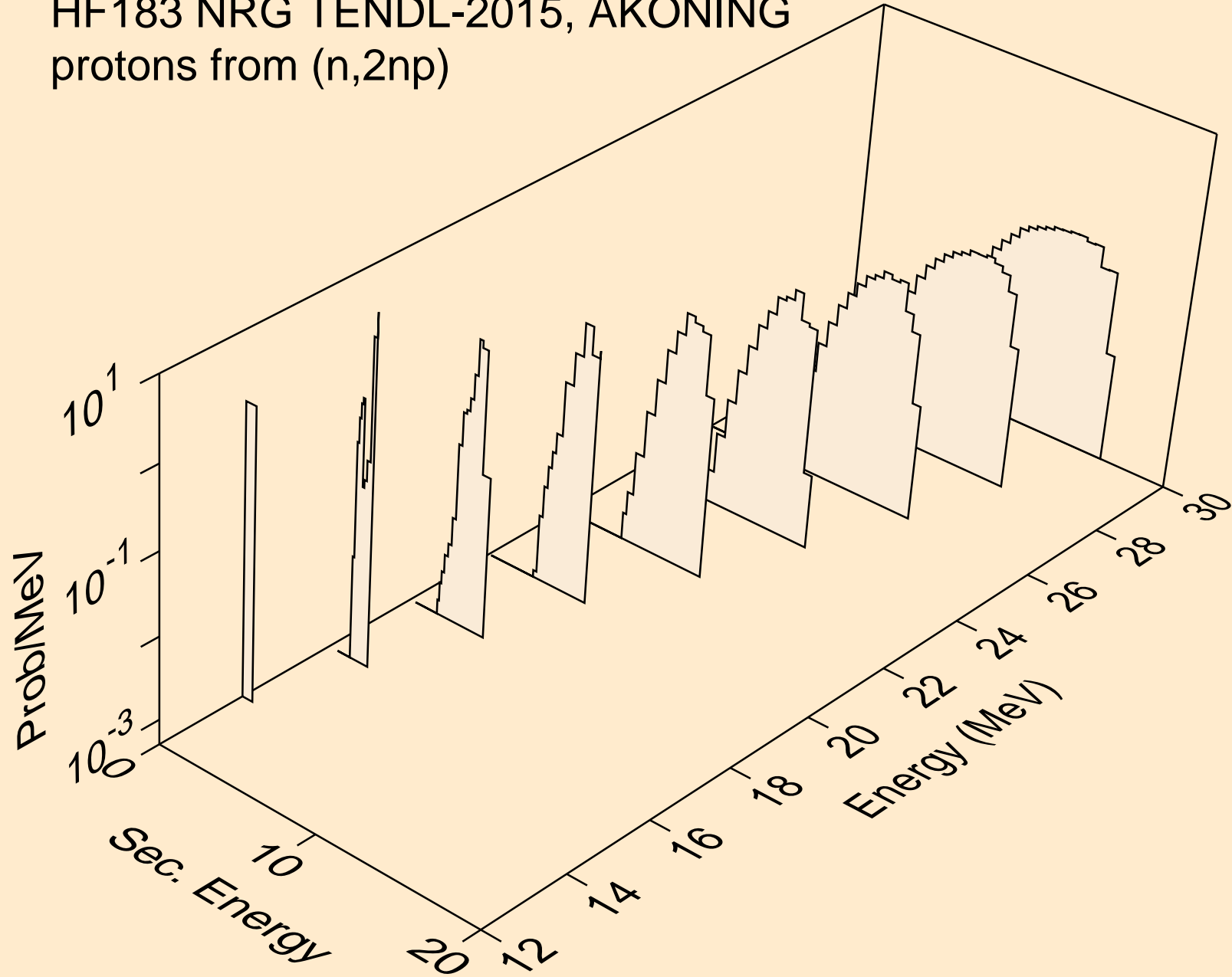
HF183 NRG TENDL-2015, AKONING  
protons from (n,x)



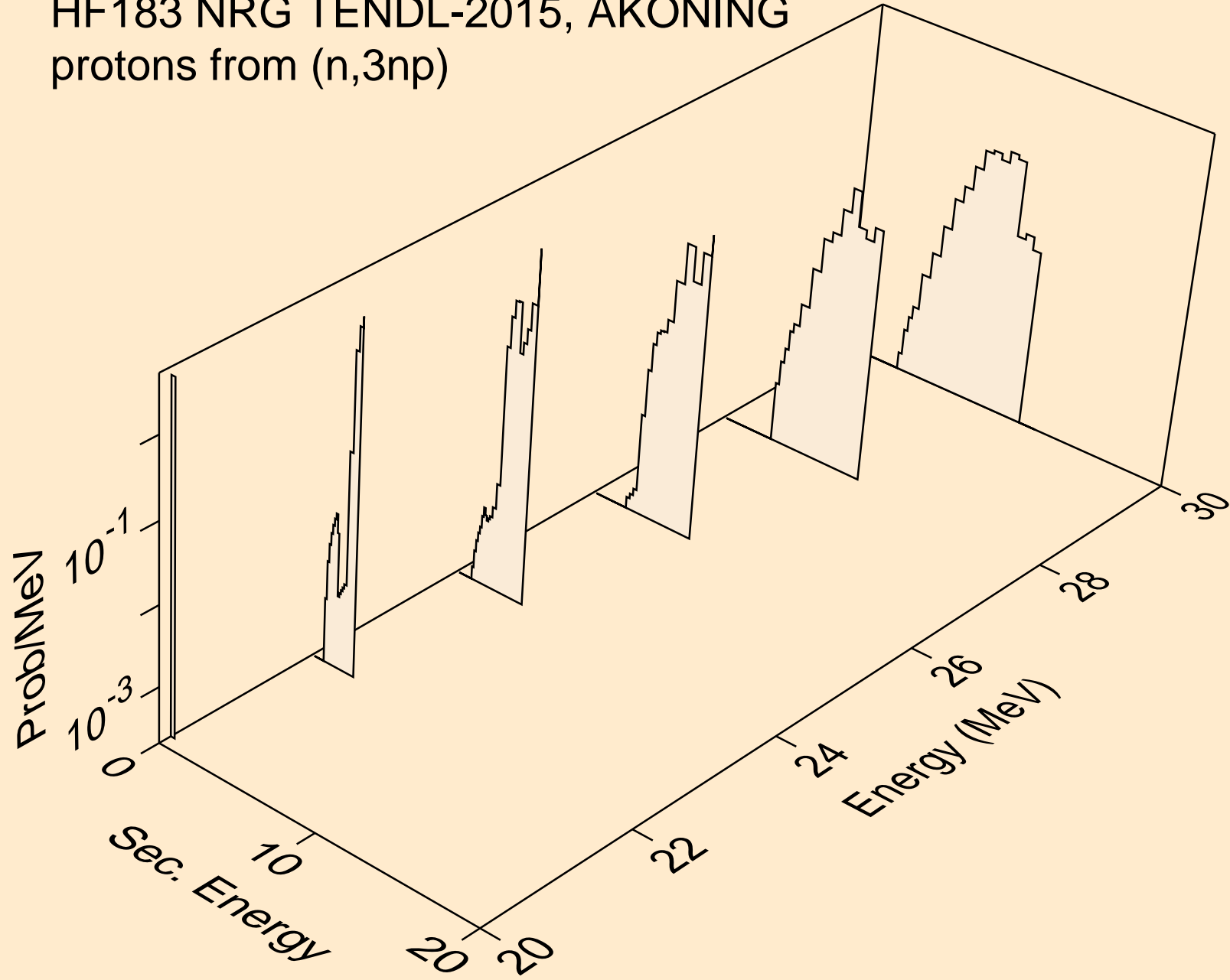
HF183 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



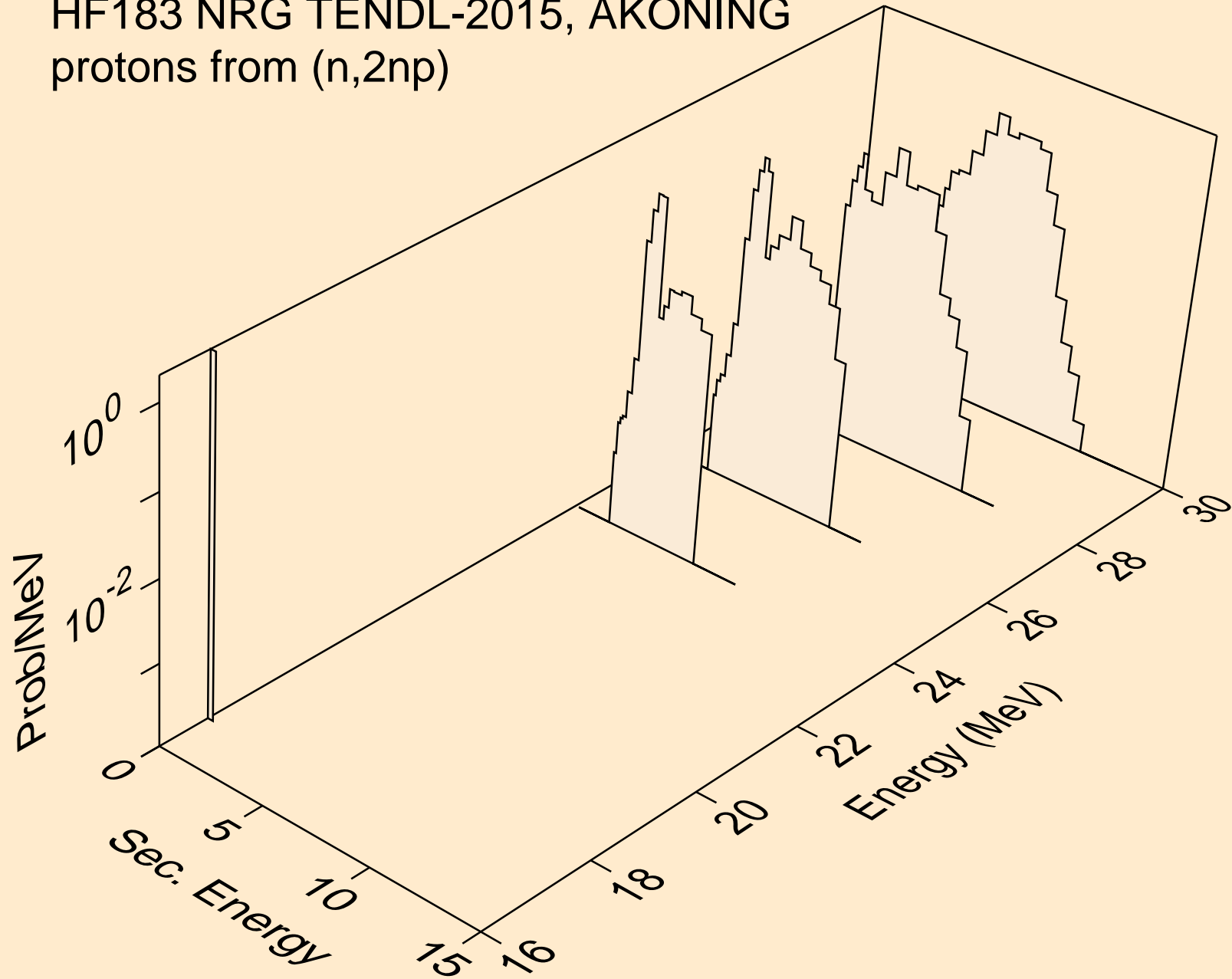
HF183 NRG TENDL-2015, AKONING  
protons from (n,2np)



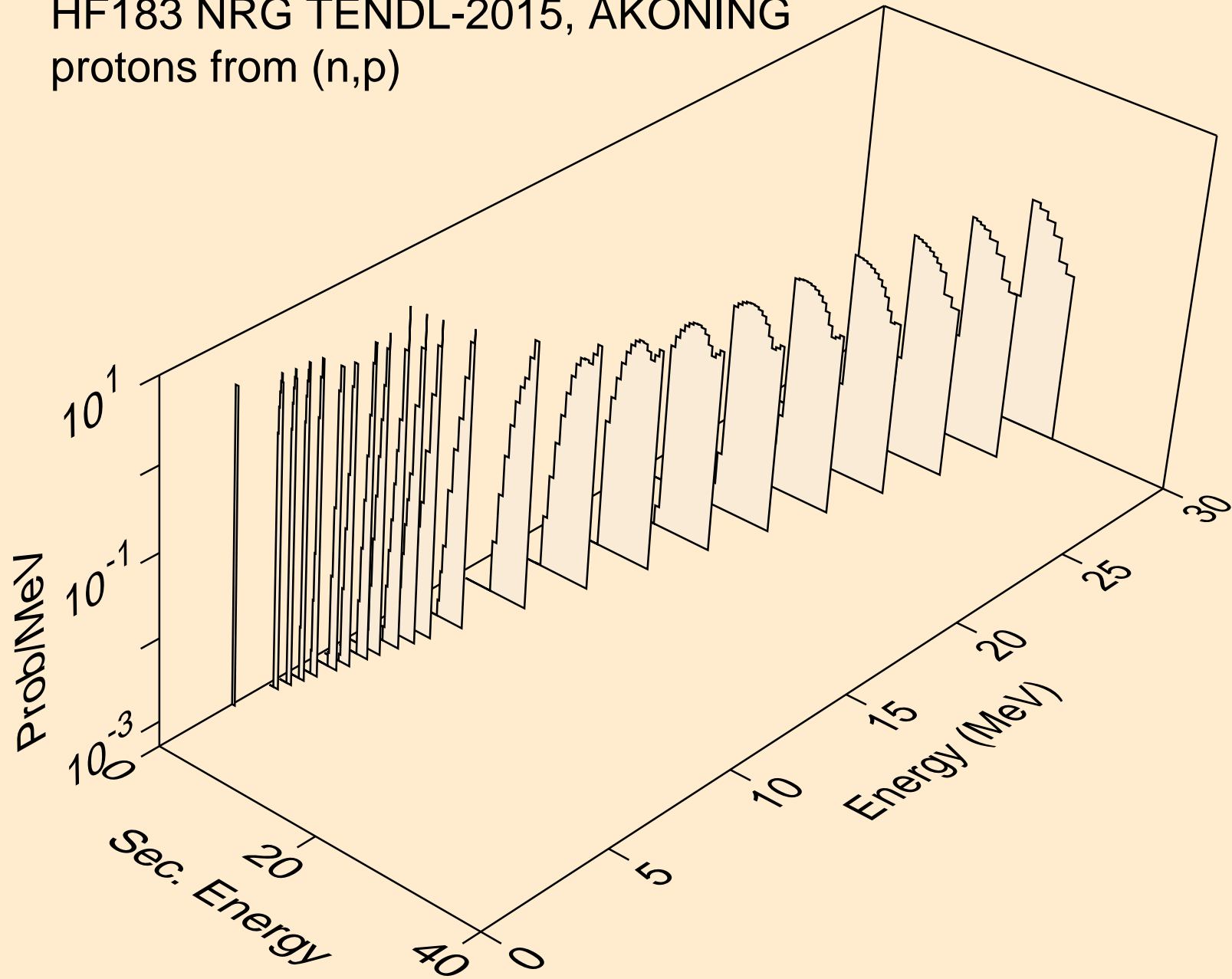
HF183 NRG TENDL-2015, AKONING  
protons from (n,3np)



HF183 NRG TENDL-2015, AKONING  
protons from (n,2np)

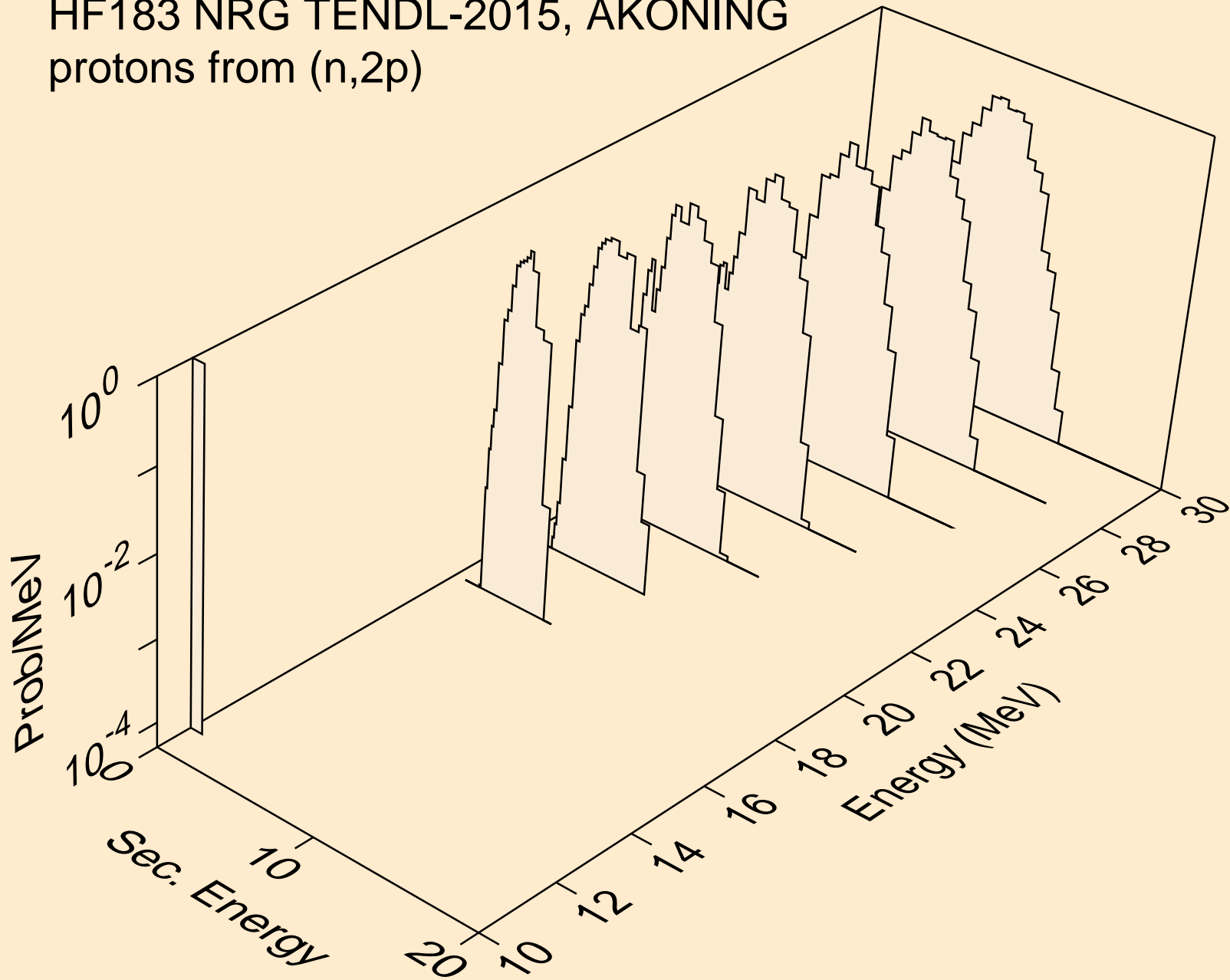


HF183 NRG TENDL-2015, AKONING  
protons from (n,p)

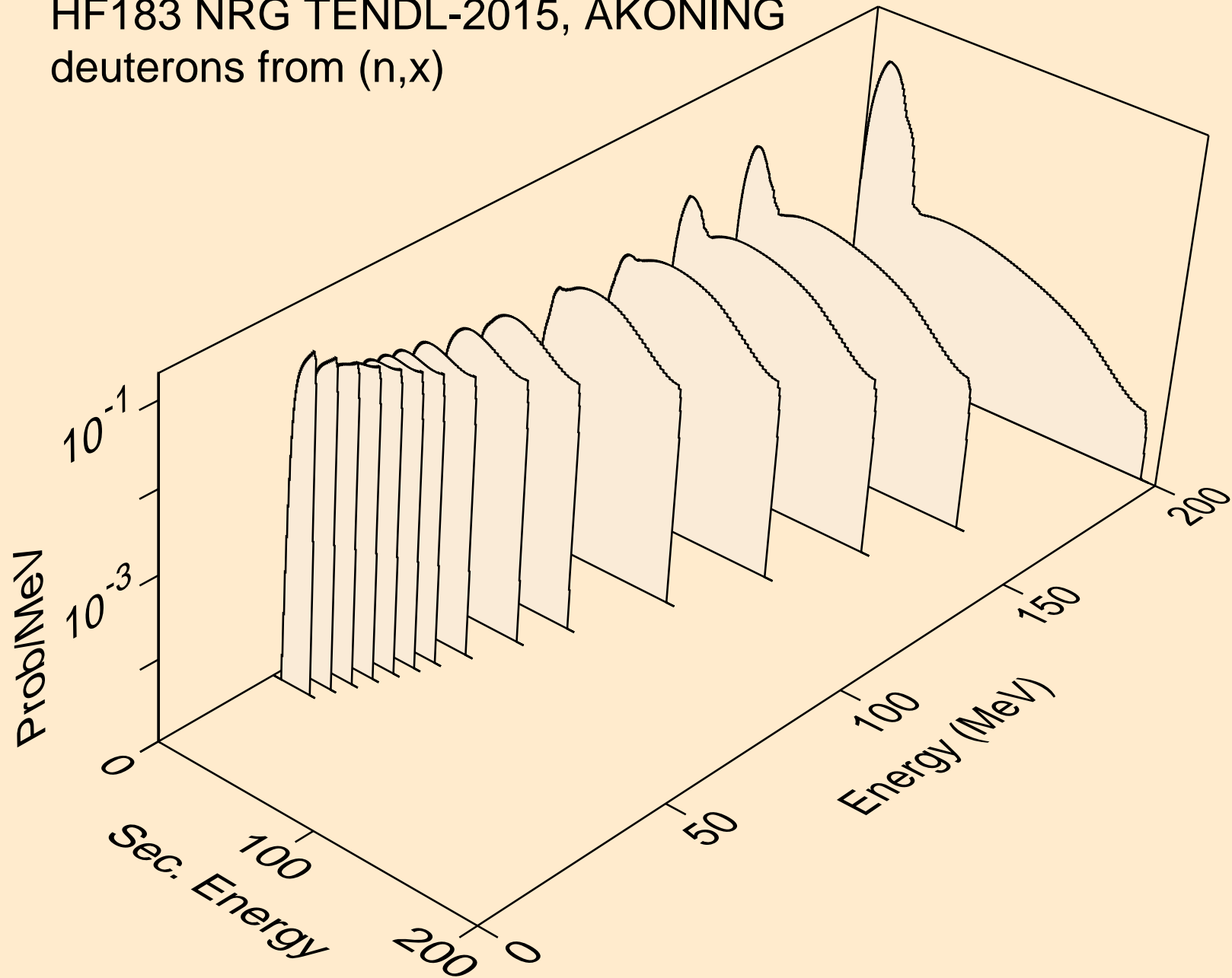




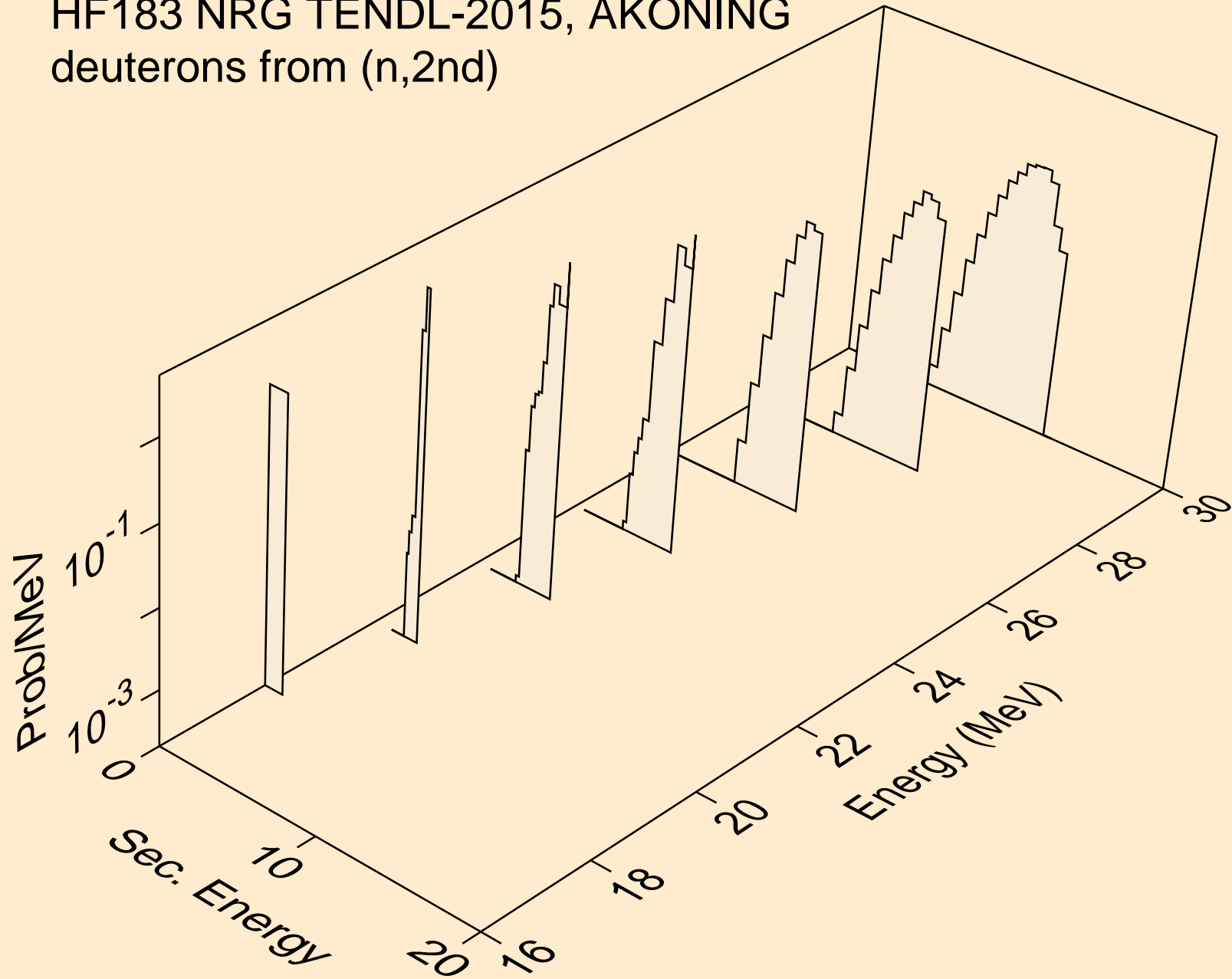
HF183 NRG TENDL-2015, AKONING  
protons from (n,2p)



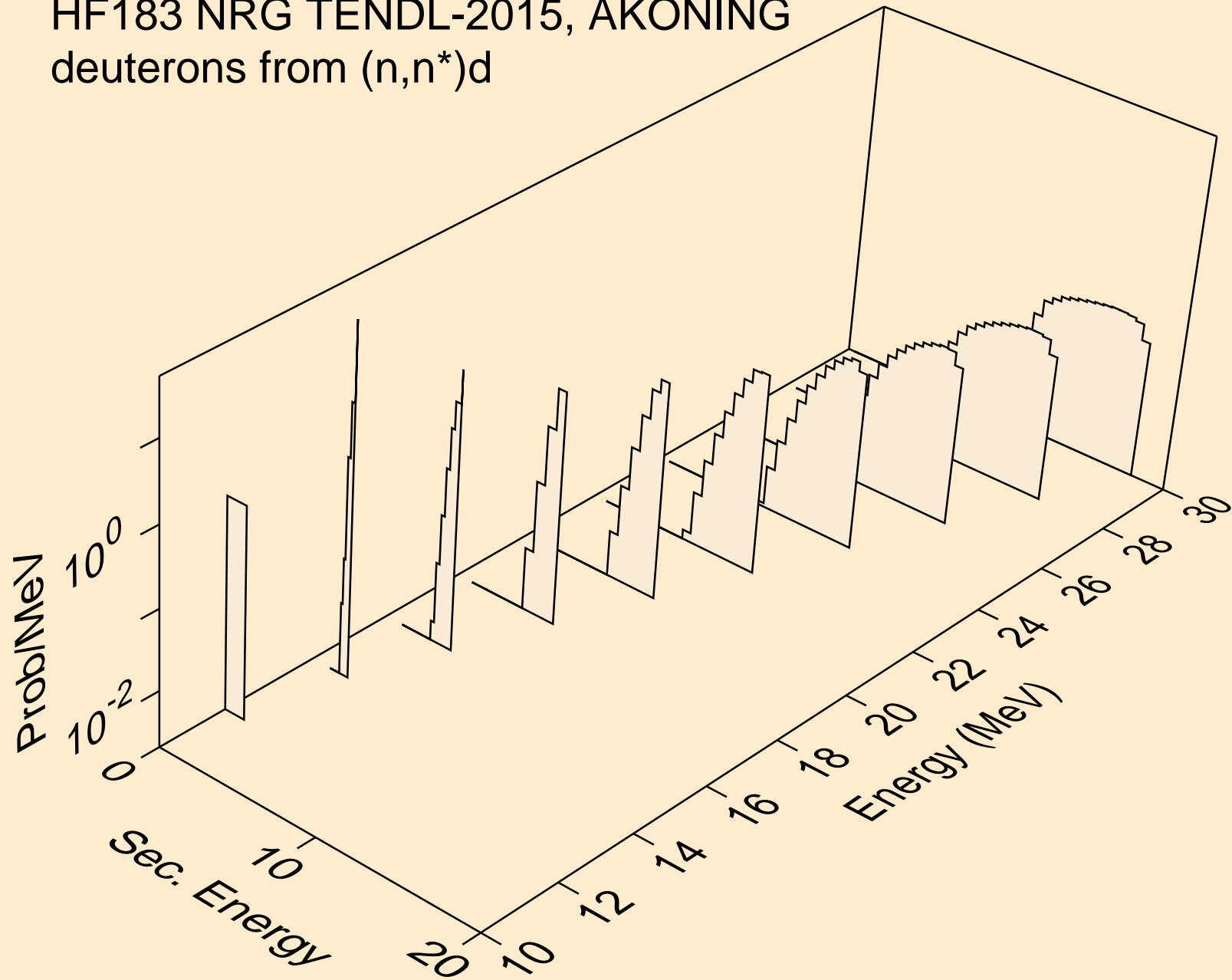
HF183 NRG TENDL-2015, AKONING  
deuterons from (n,x)



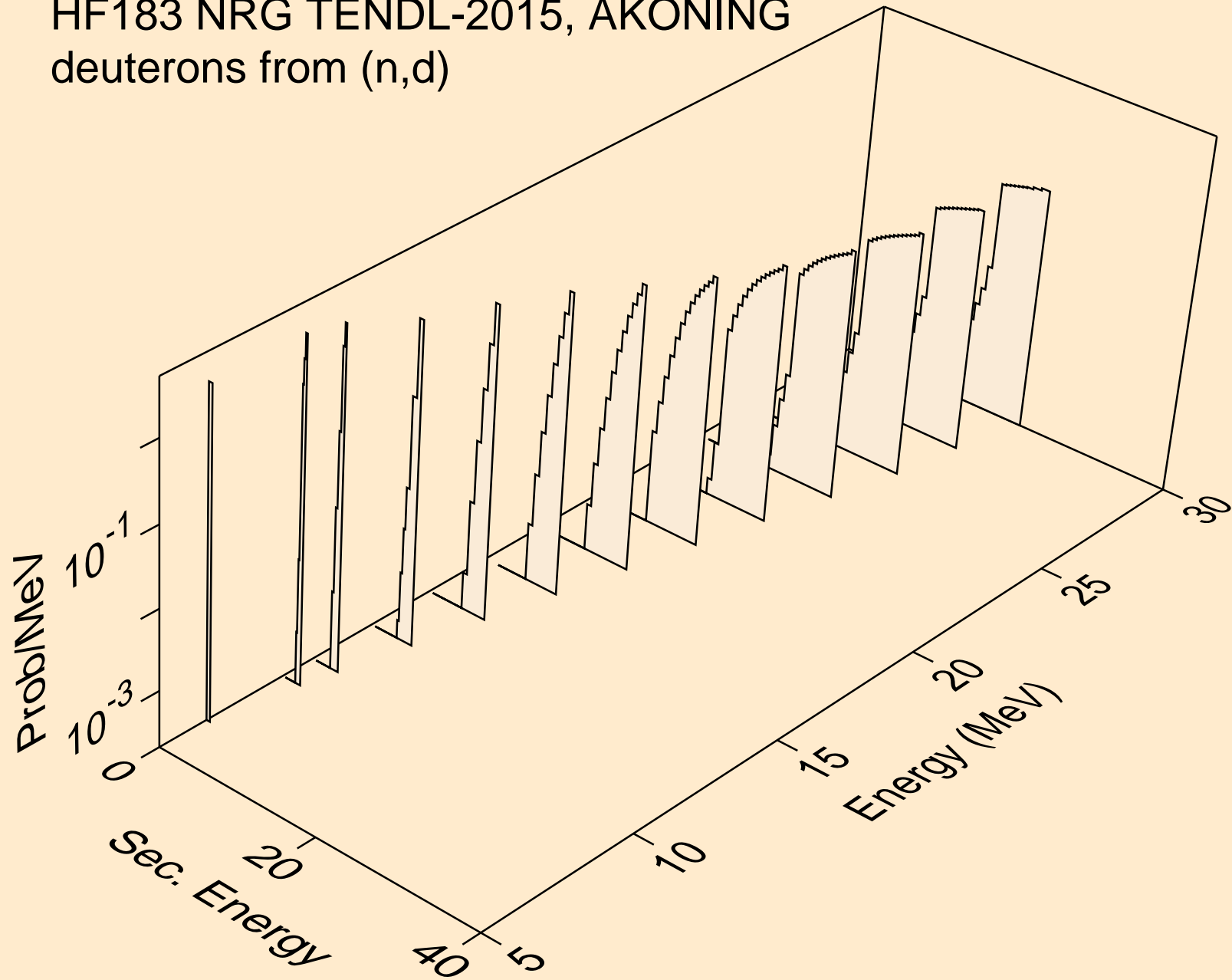
HF183 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



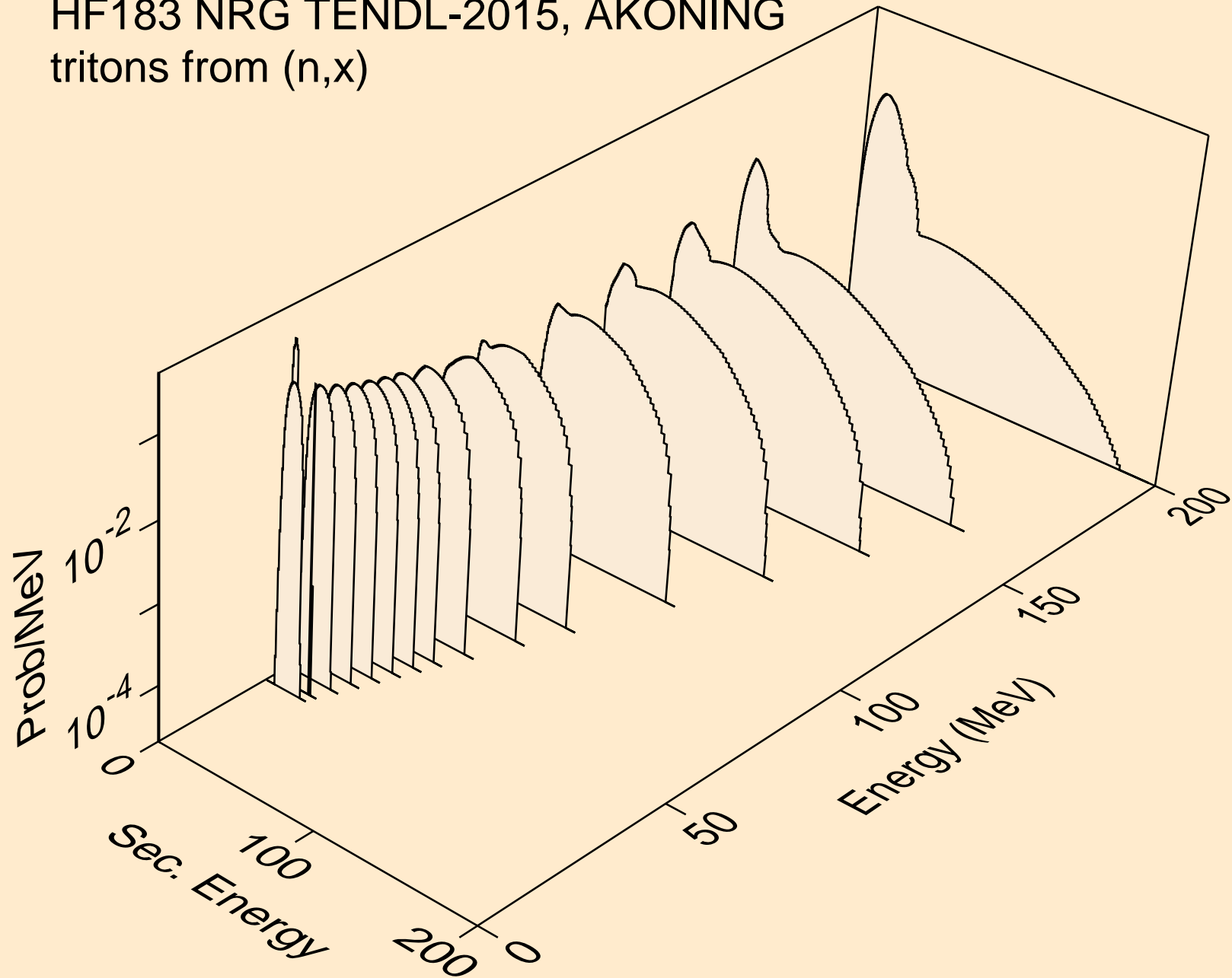
HF183 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



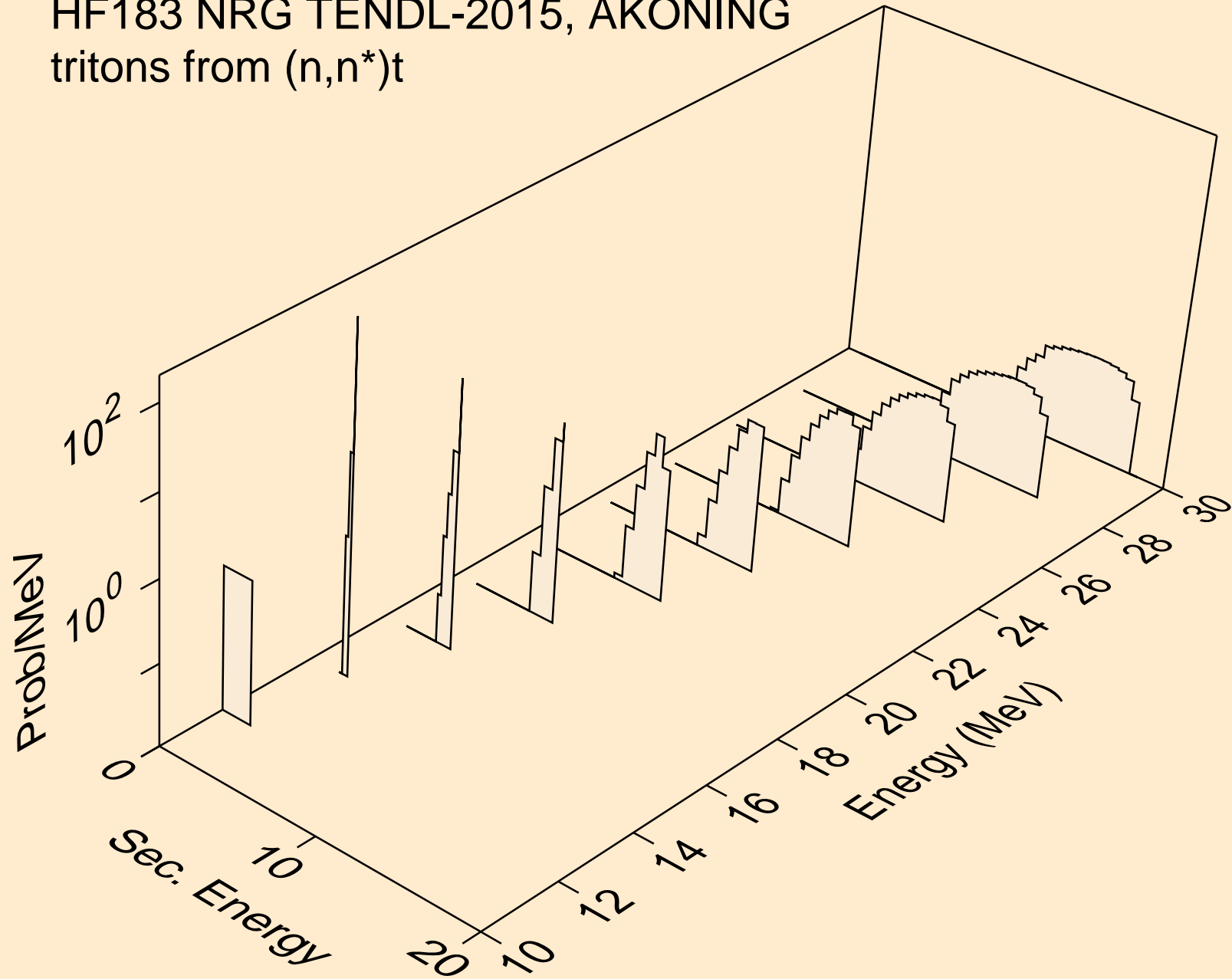
HF183 NRG TENDL-2015, AKONING  
deuterons from (n,d)



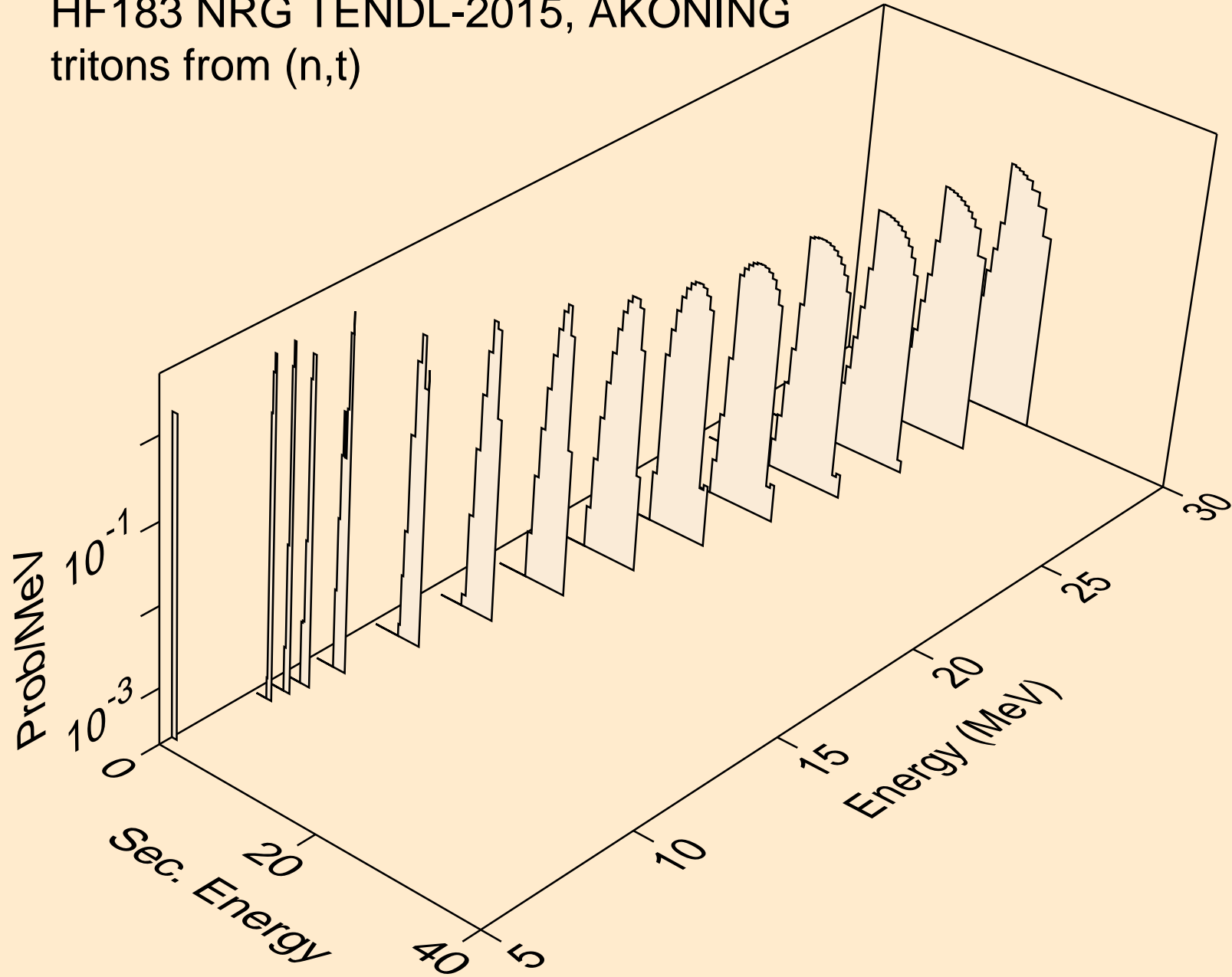
HF183 NRG TENDL-2015, AKONING  
tritons from (n,x)



HF183 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

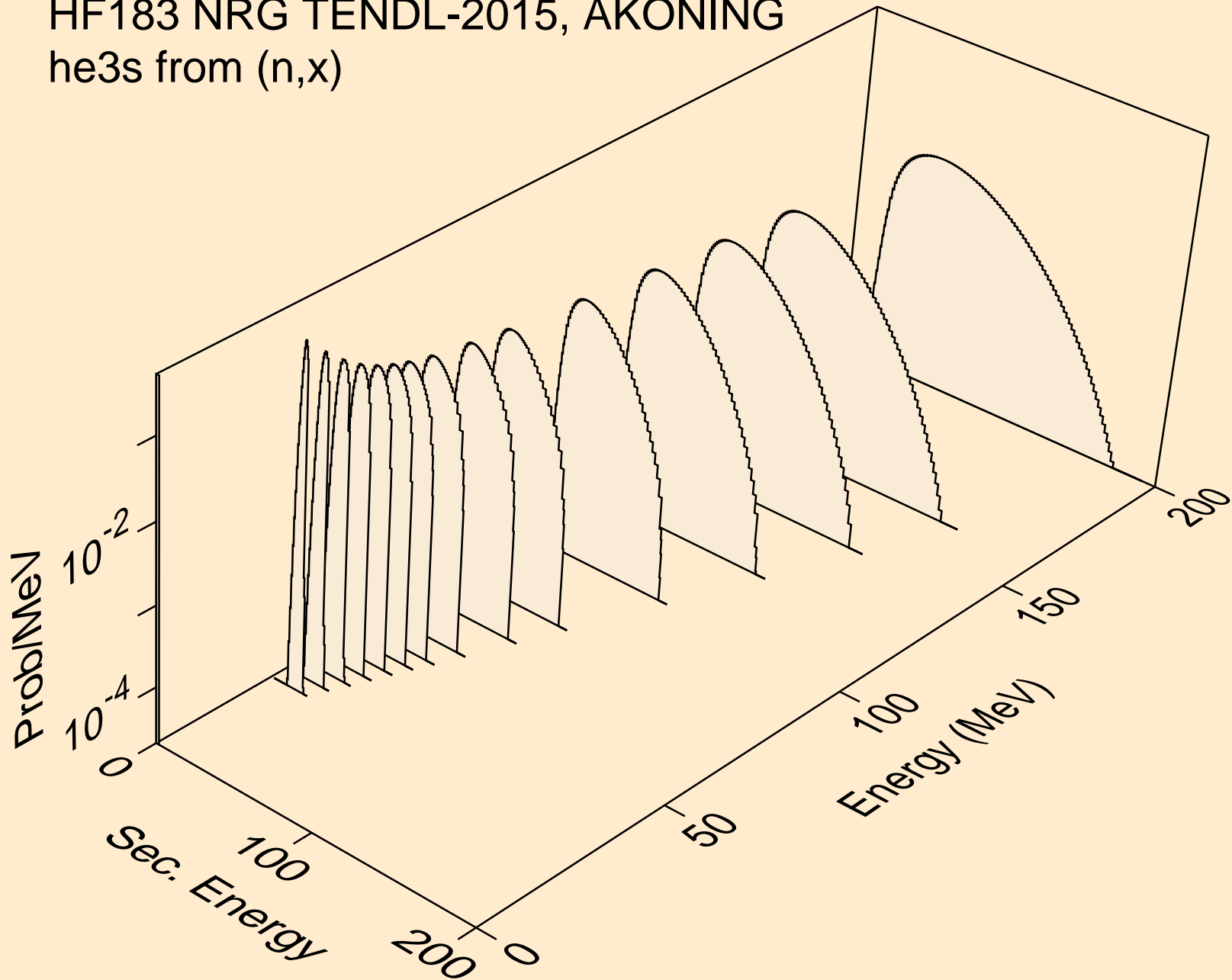


HF183 NRG TENDL-2015, AKONING  
tritons from (n,t)

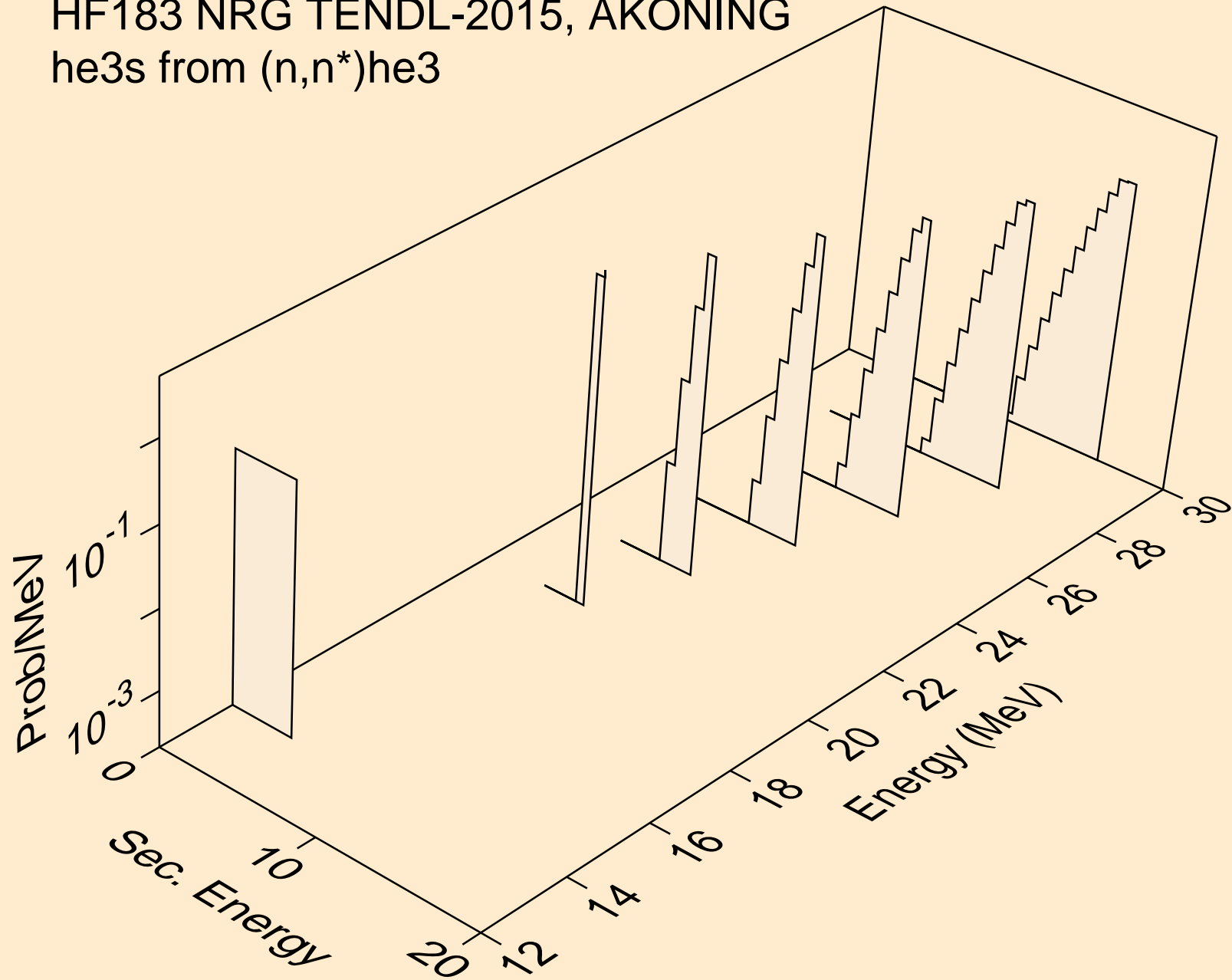




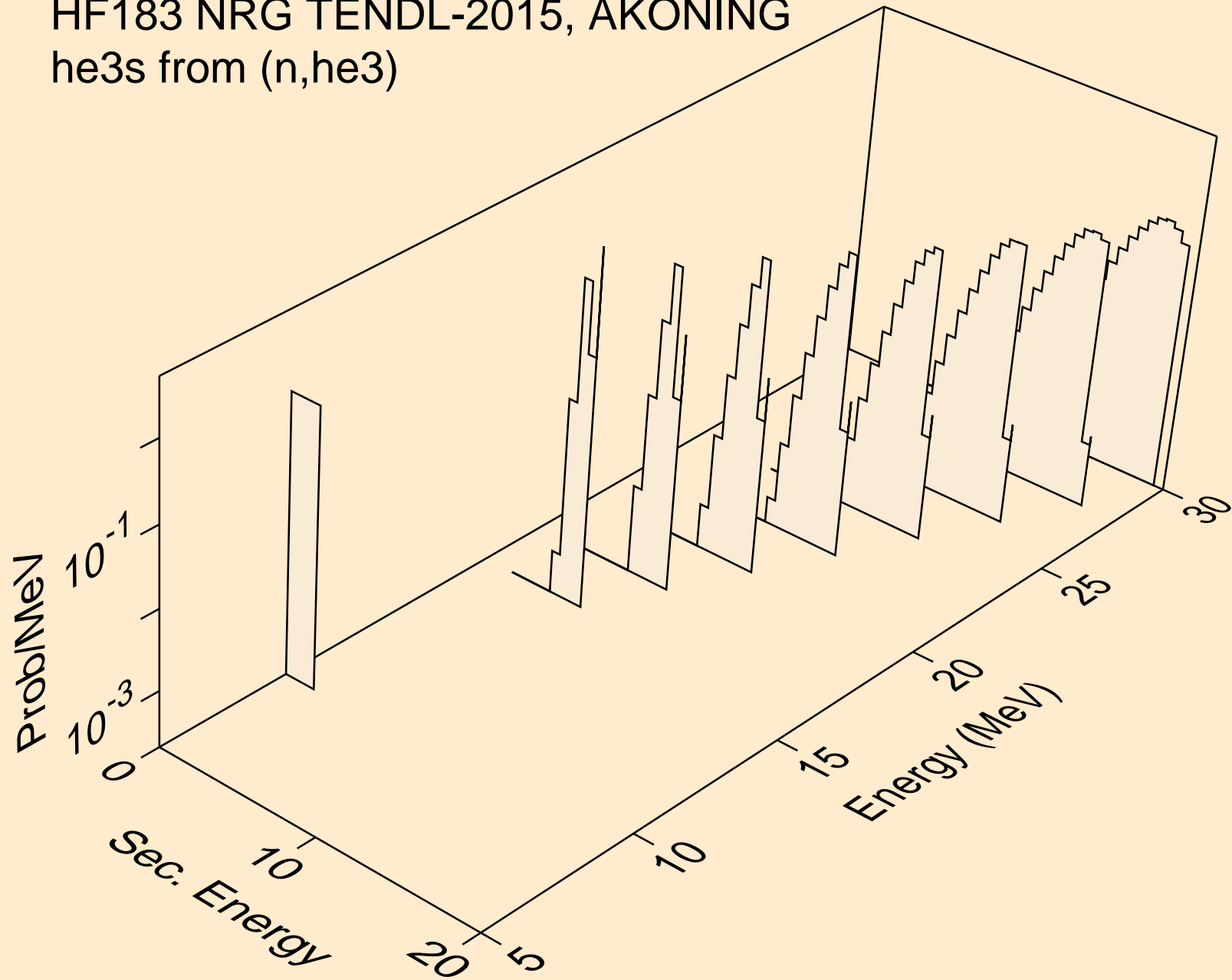
HF183 NRG TENDL-2015, AKONING  
he3s from (n,x)



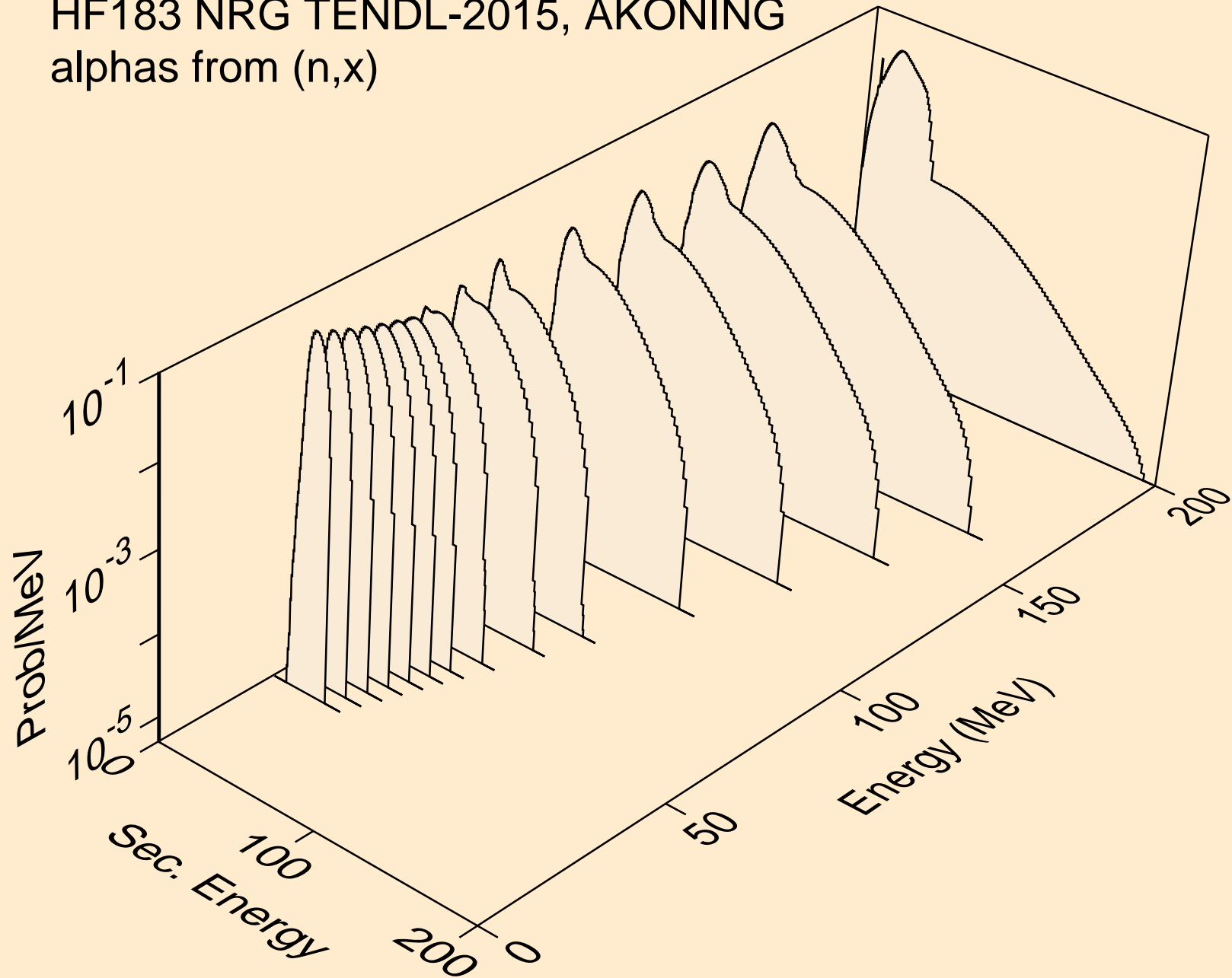
HF183 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



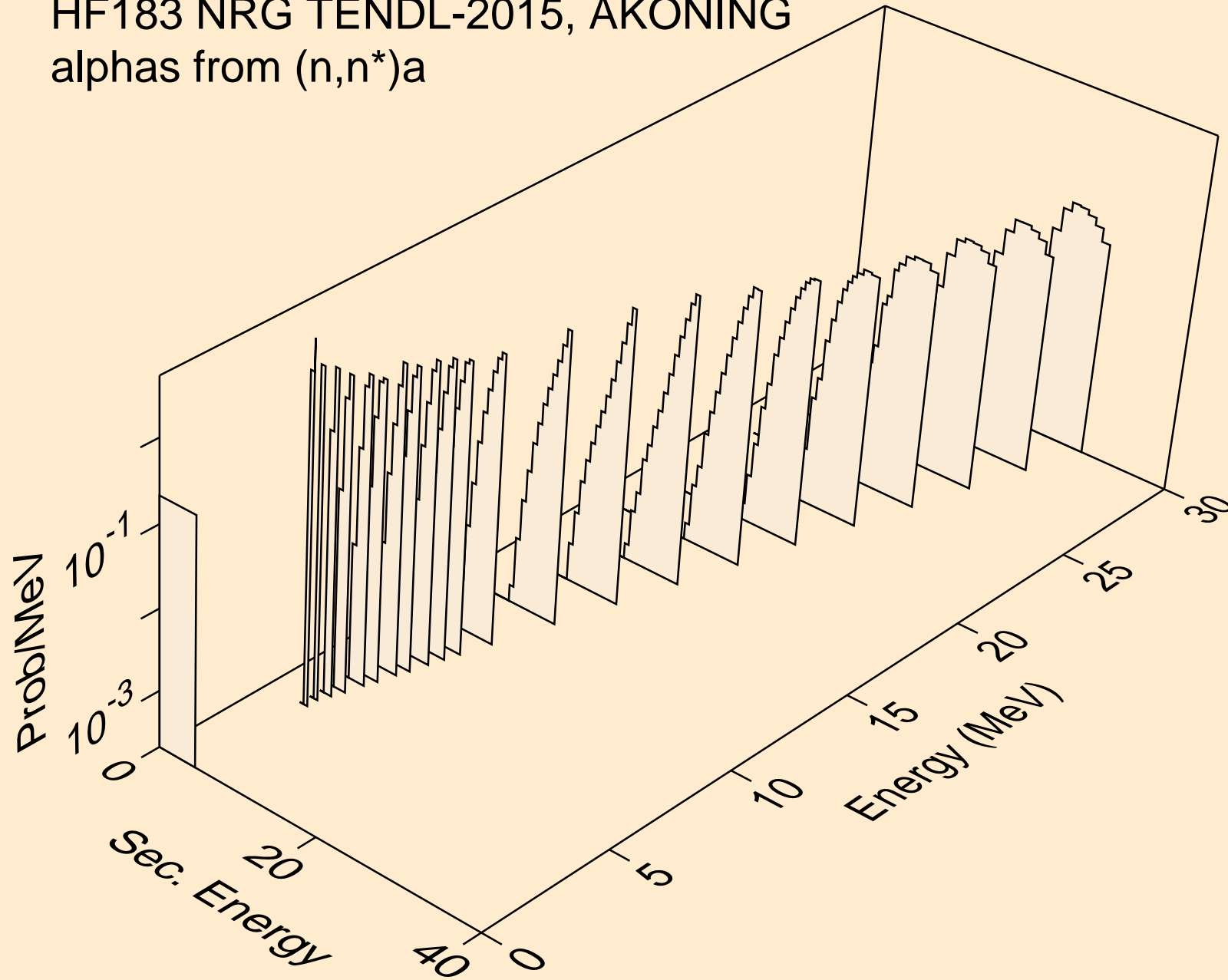
HF183 NRG TENDL-2015, AKONING  
he3s from (n,he3)



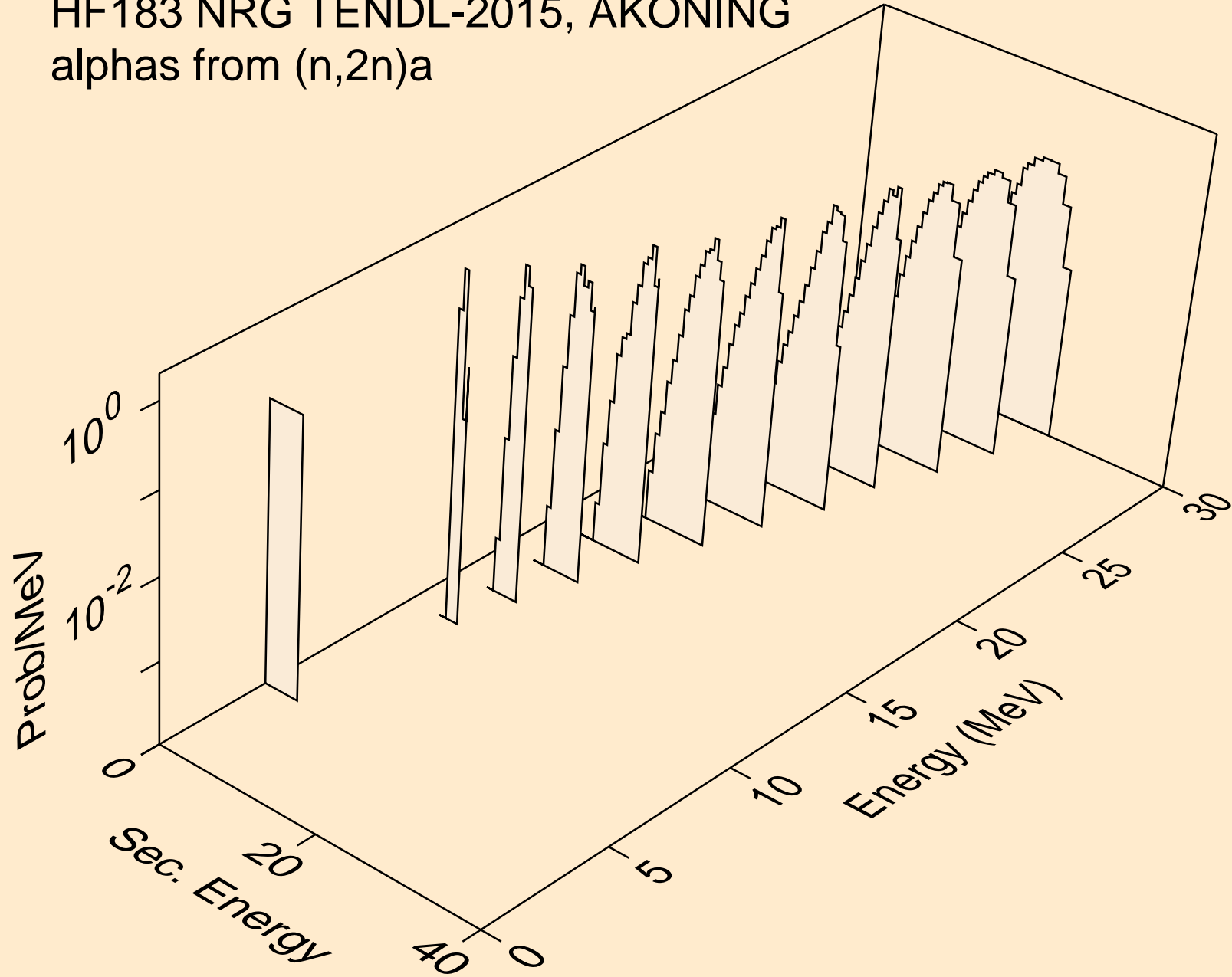
HF183 NRG TENDL-2015, AKONING  
alphas from (n,x)



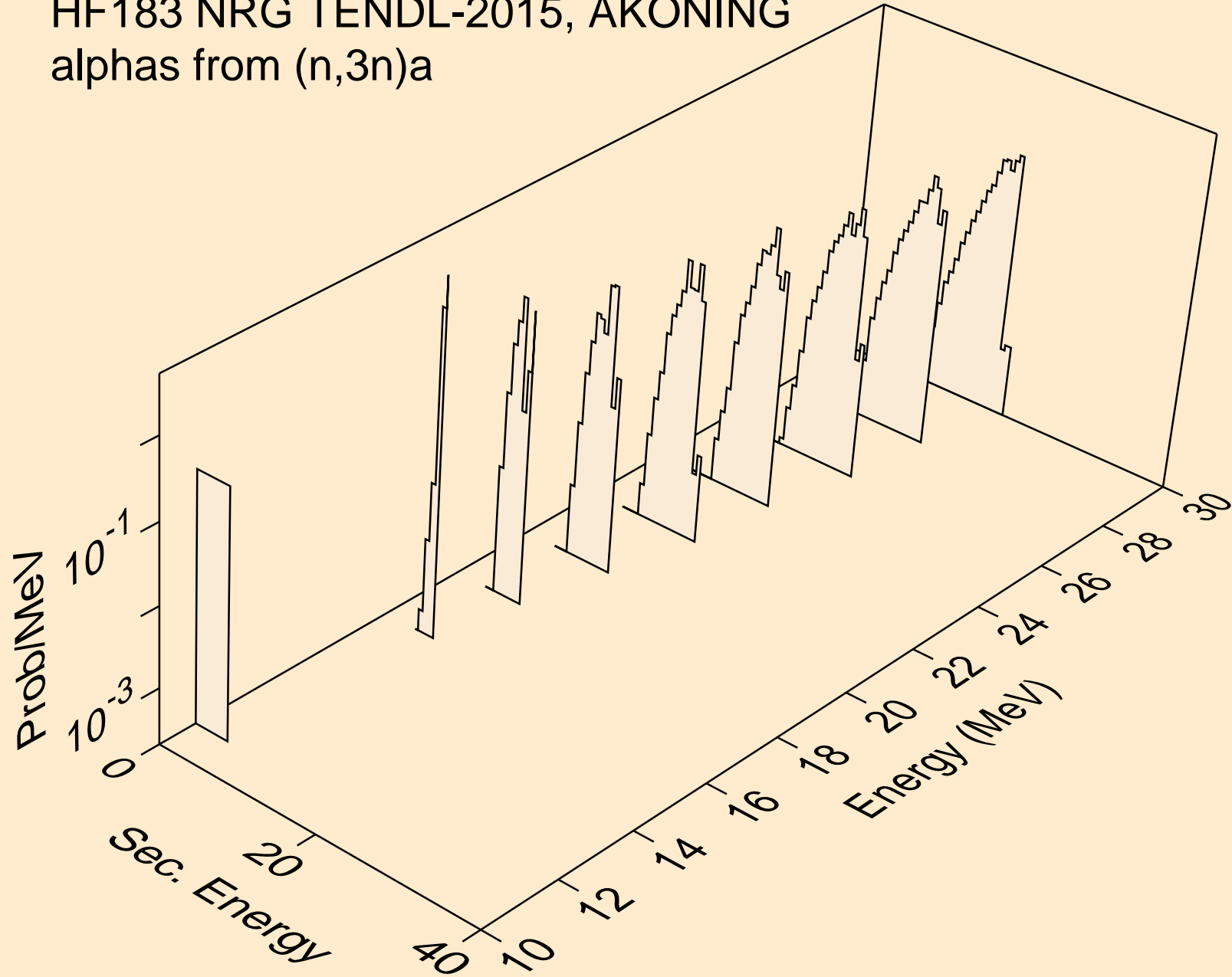
HF183 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



HF183 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



HF183 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



HF183 NRG TENDL-2015, AKONING  
alphas from (n,a)

