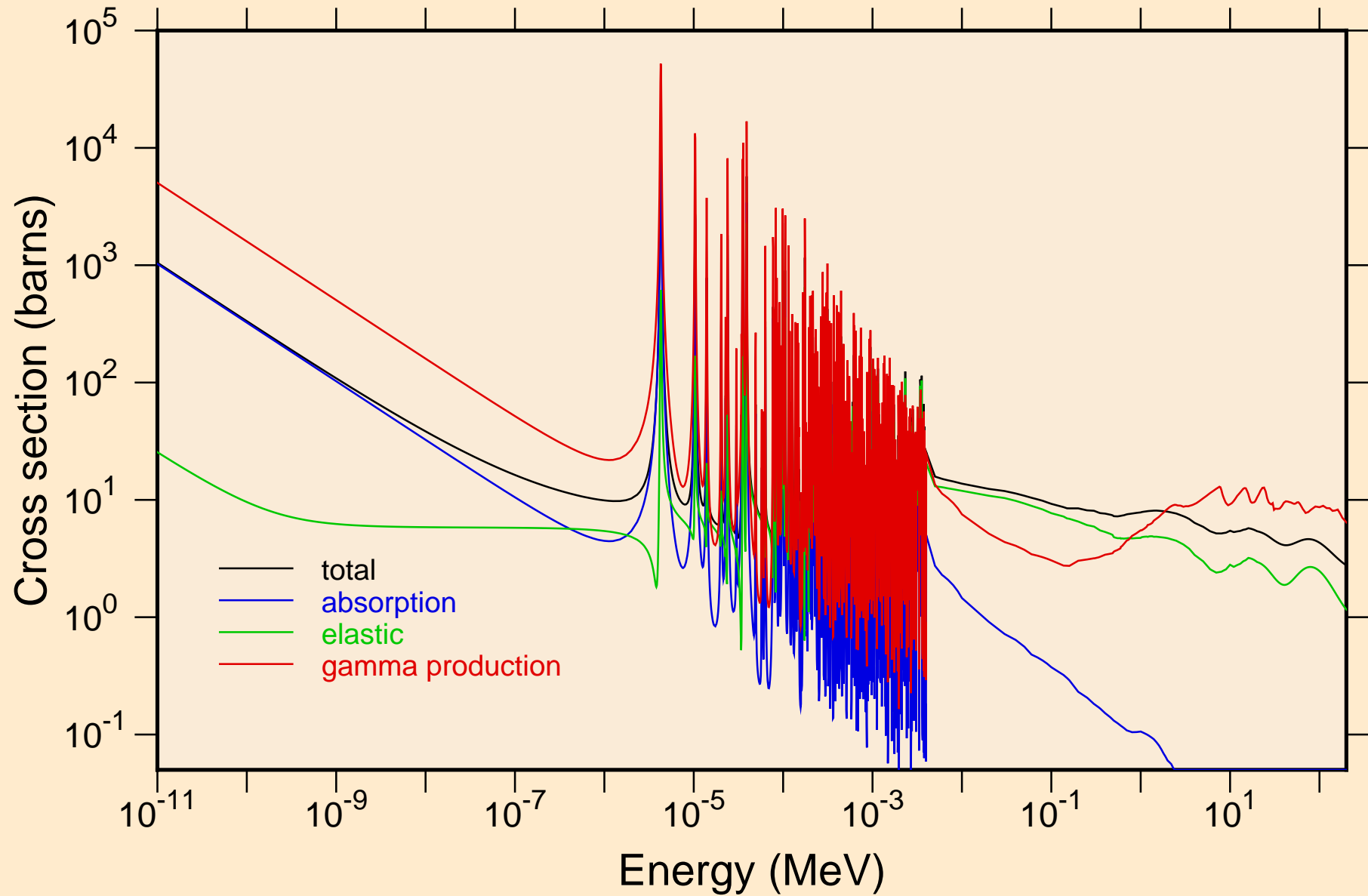
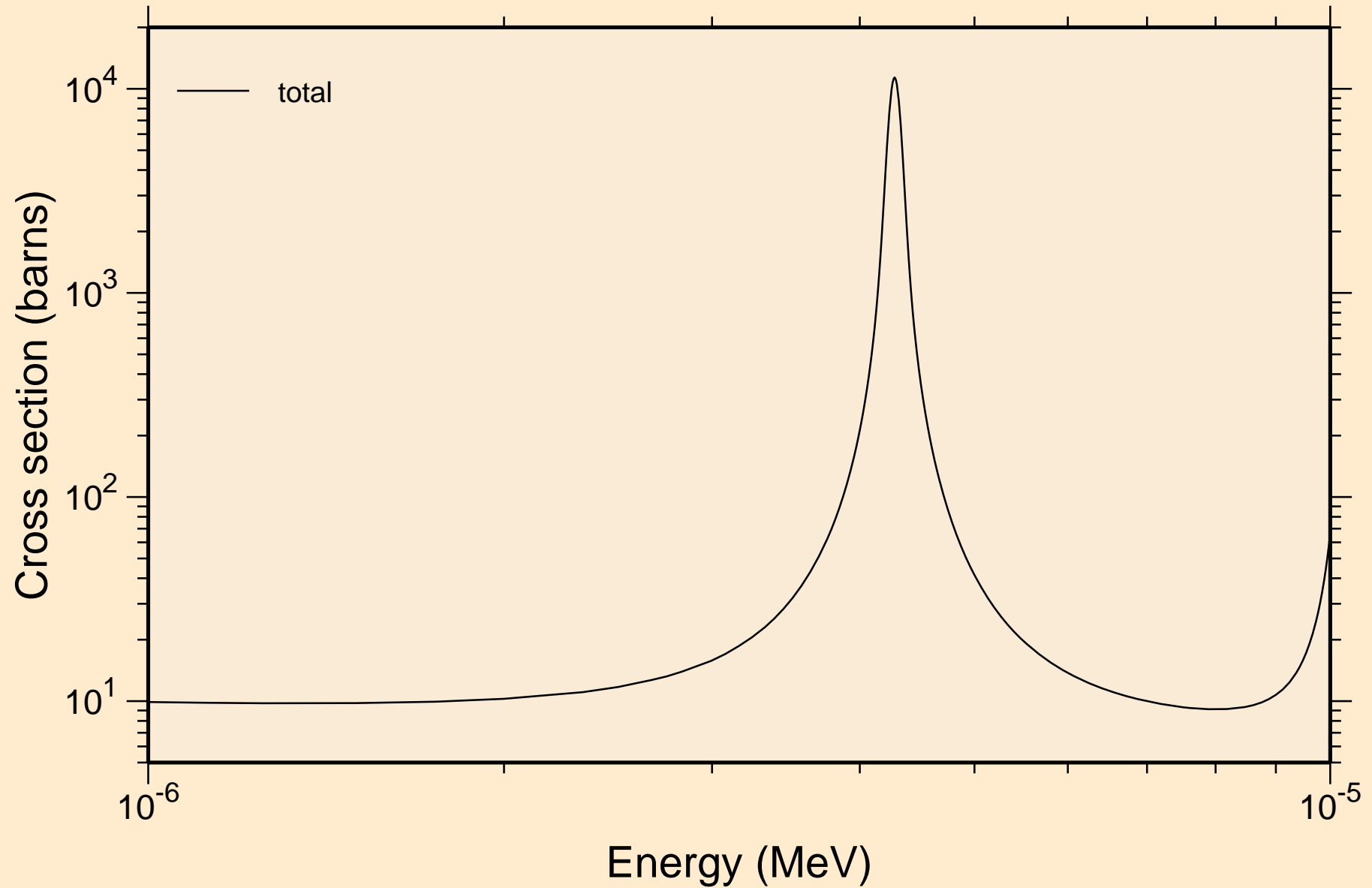


# TA181 NRG TENDL-2016, AKONING

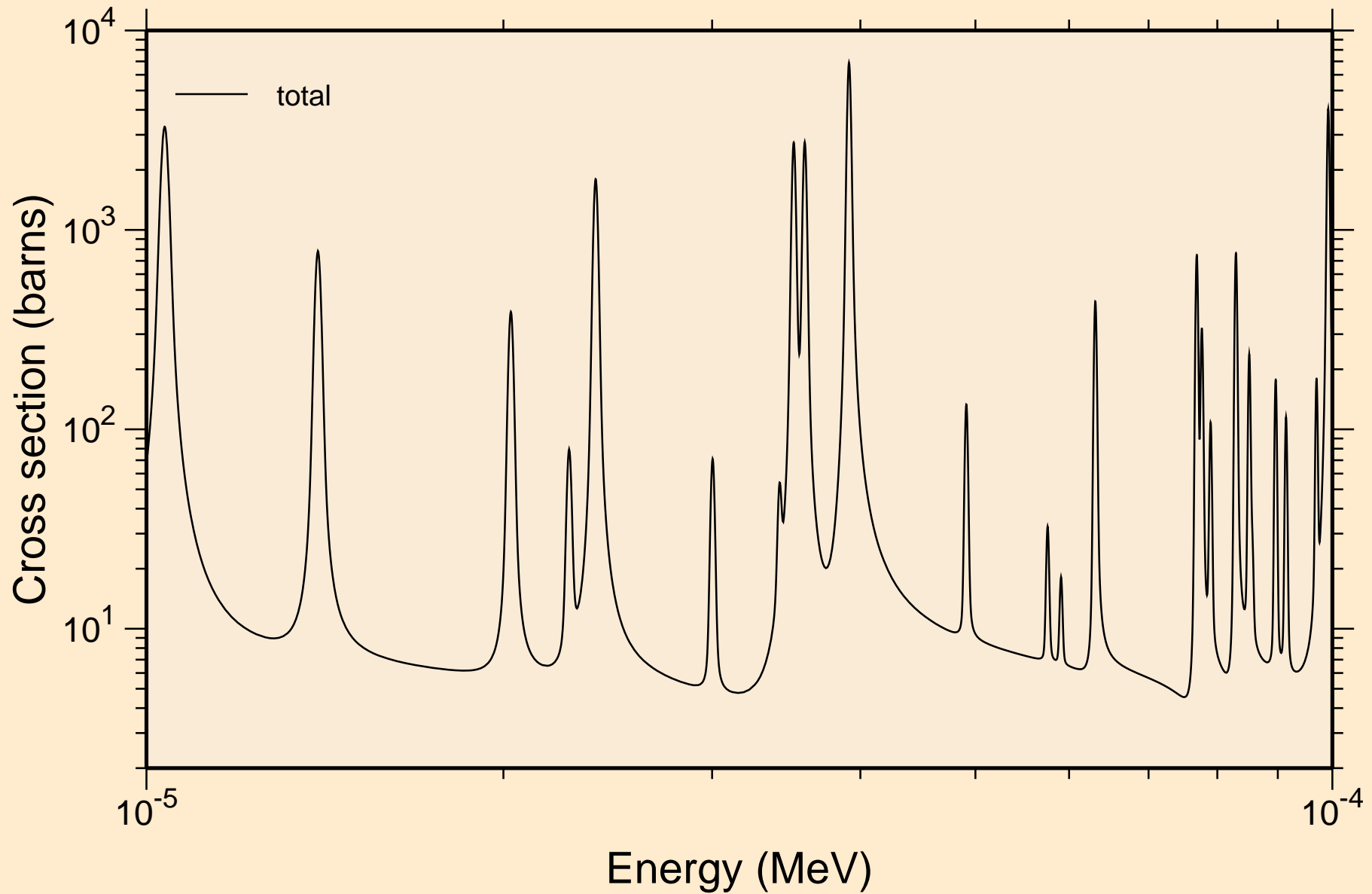
## Principal cross sections



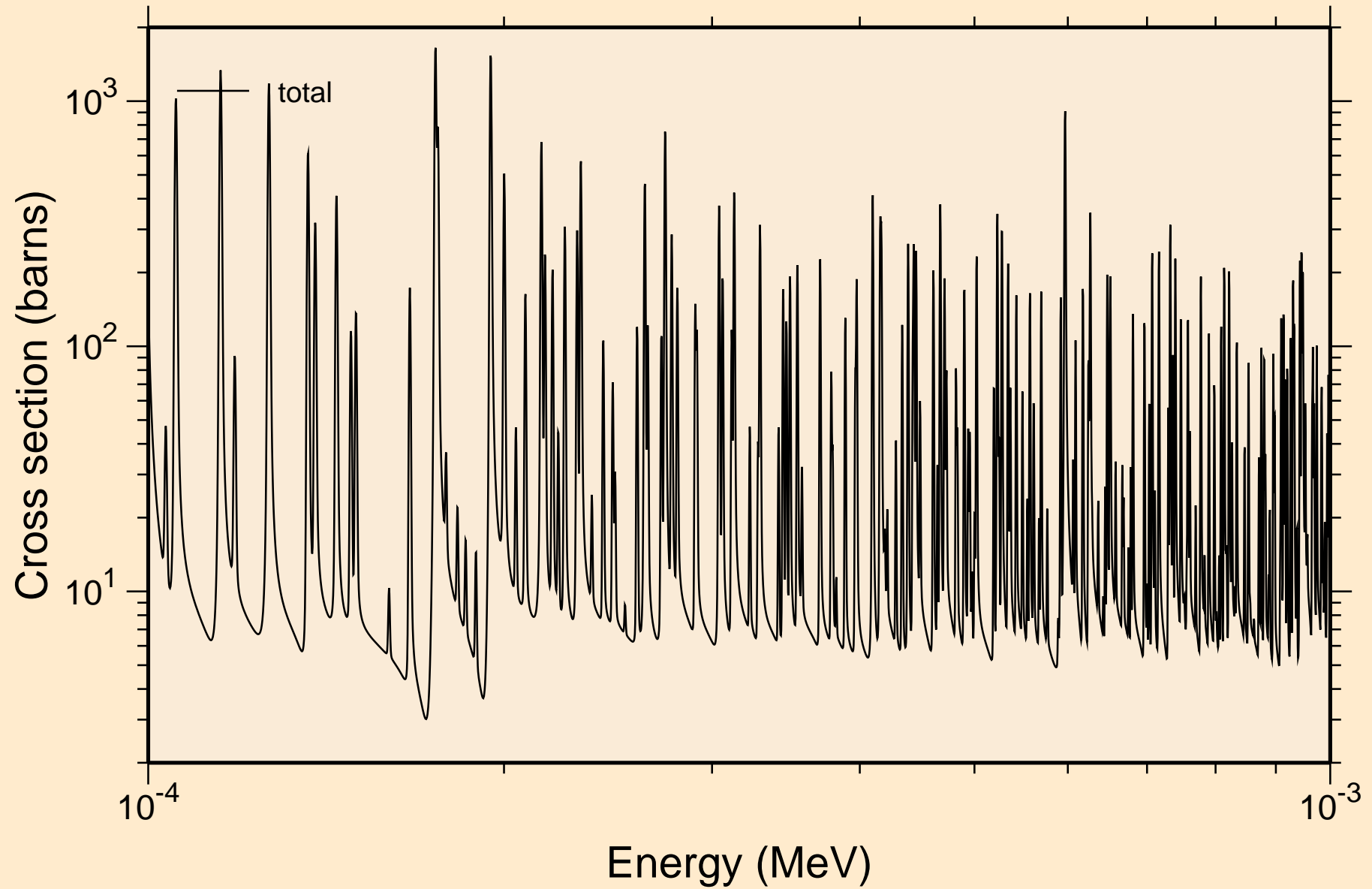
TA181 NRG TENDL-2016, AKONING  
resonance total cross section



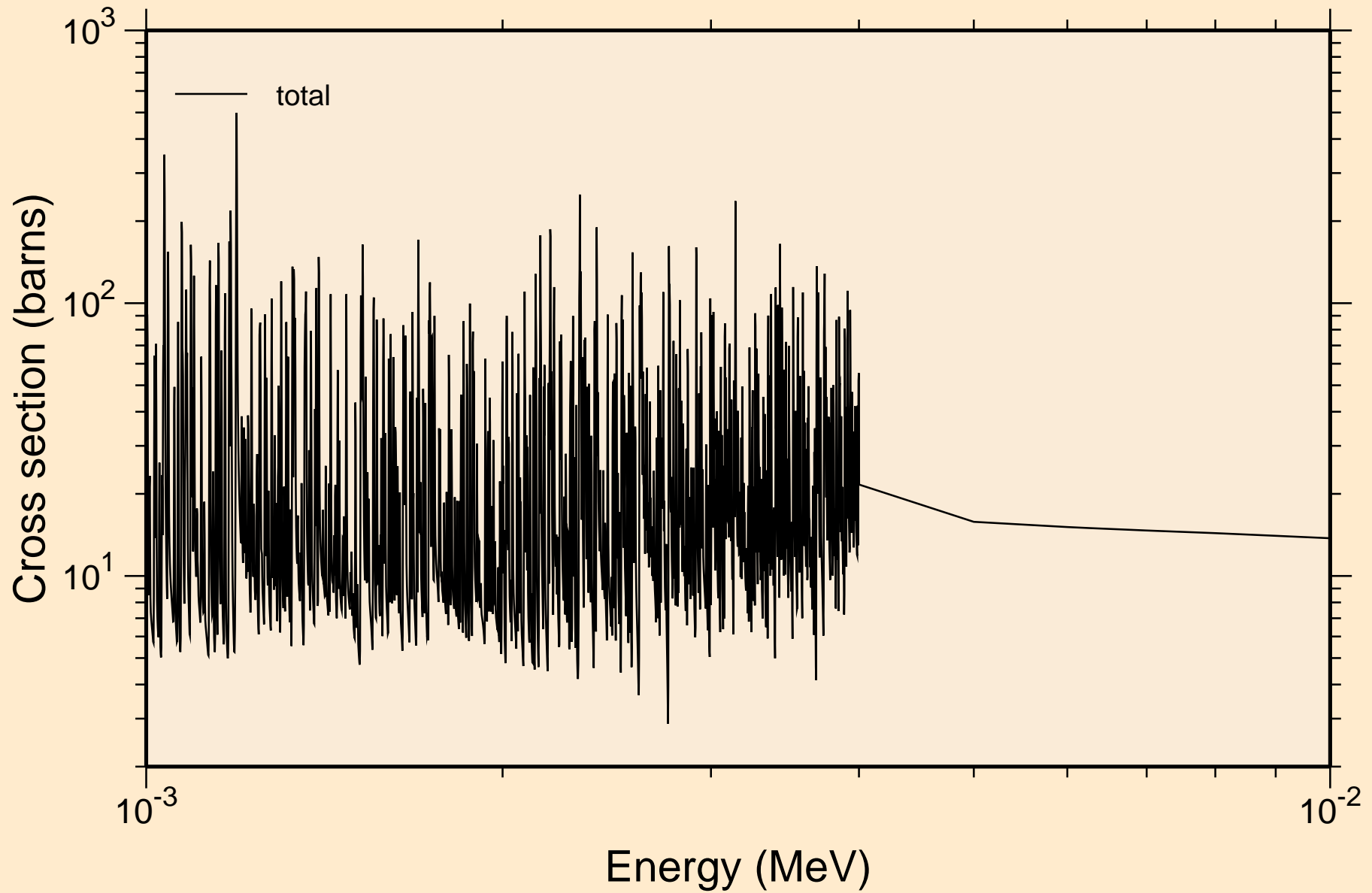
TA181 NRG TENDL-2016, AKONING  
resonance total cross section



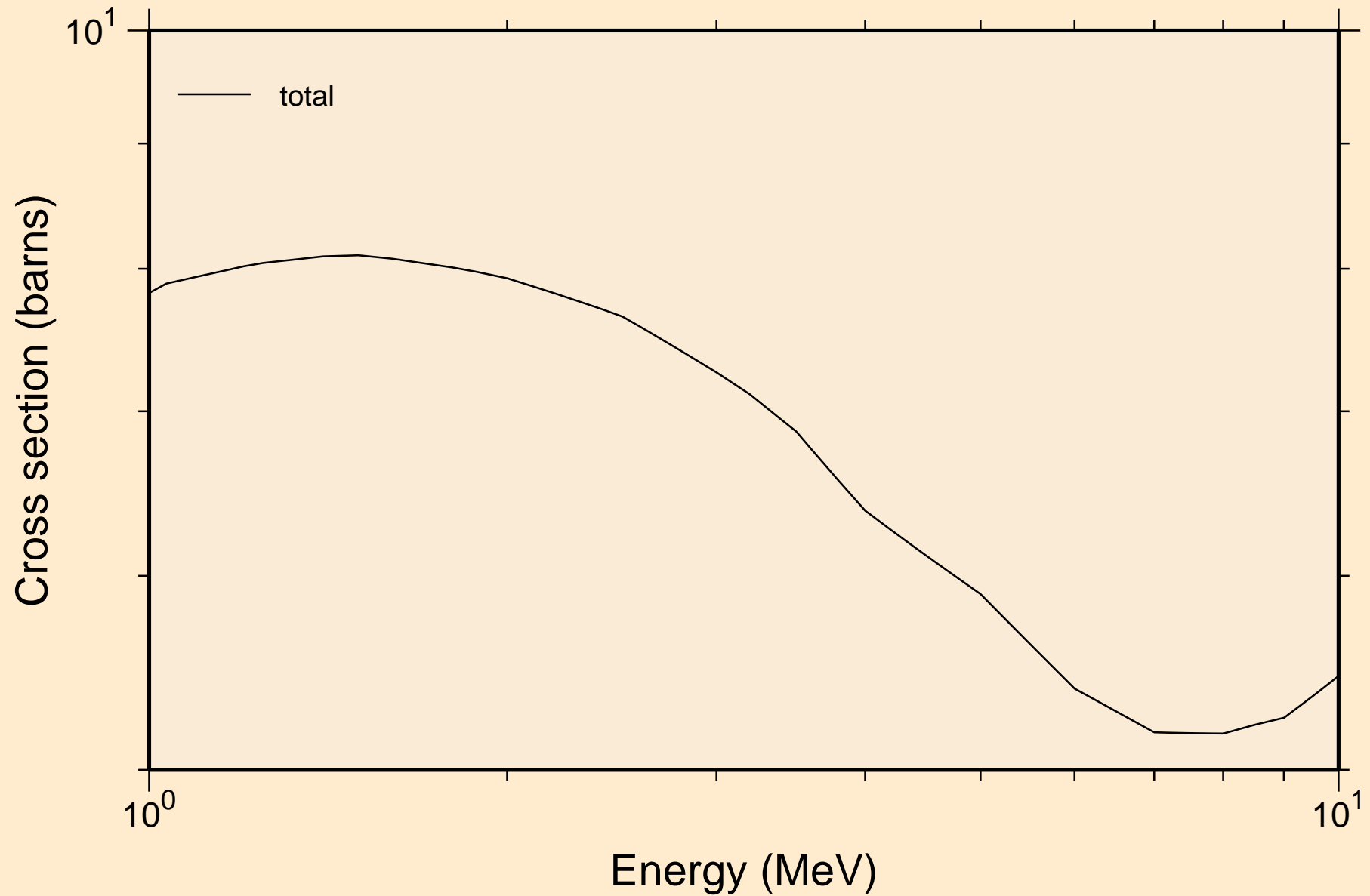
TA181 NRG TENDL-2016, AKONING  
resonance total cross section



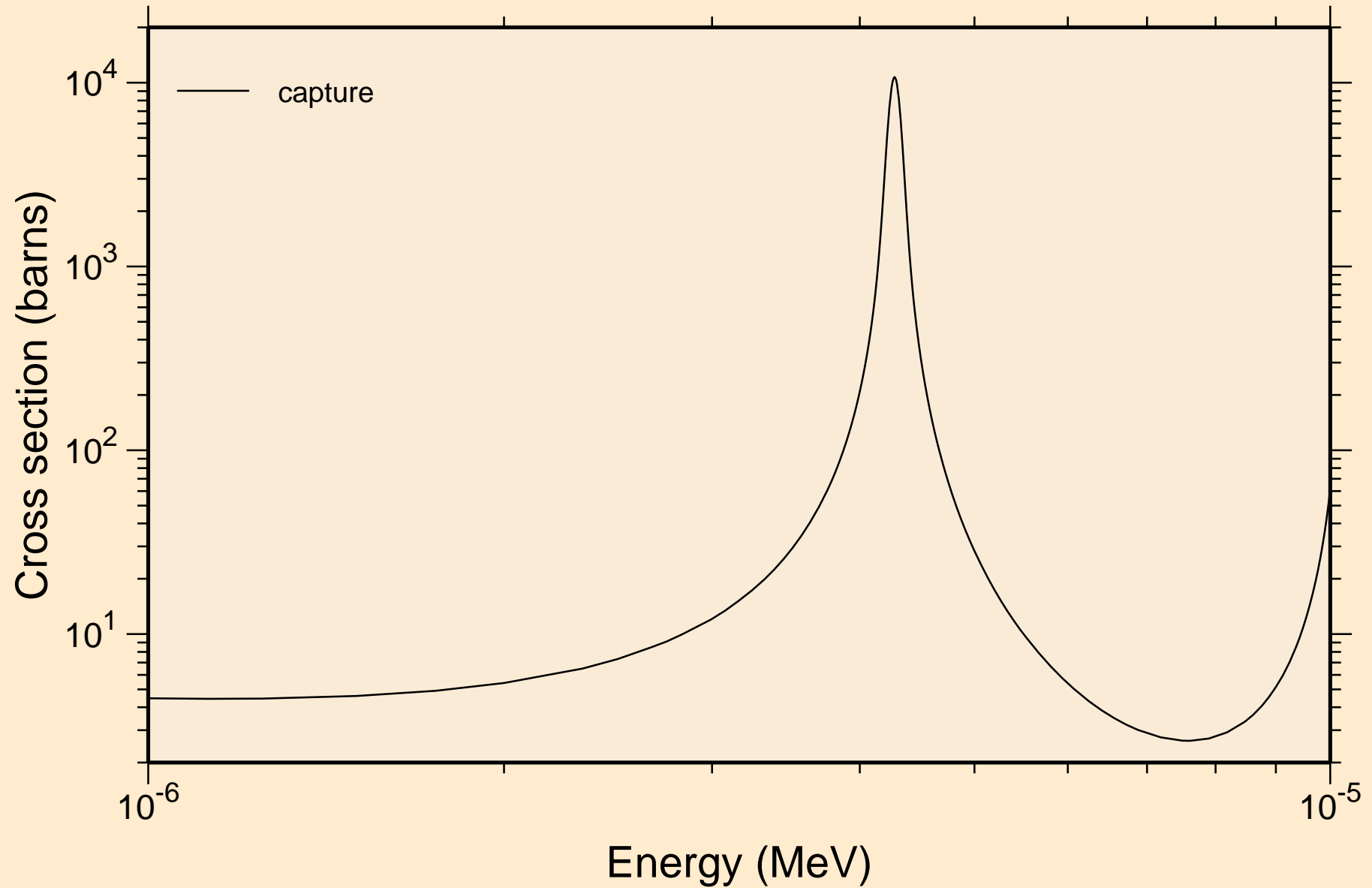
TA181 NRG TENDL-2016, AKONING  
resonance total cross section



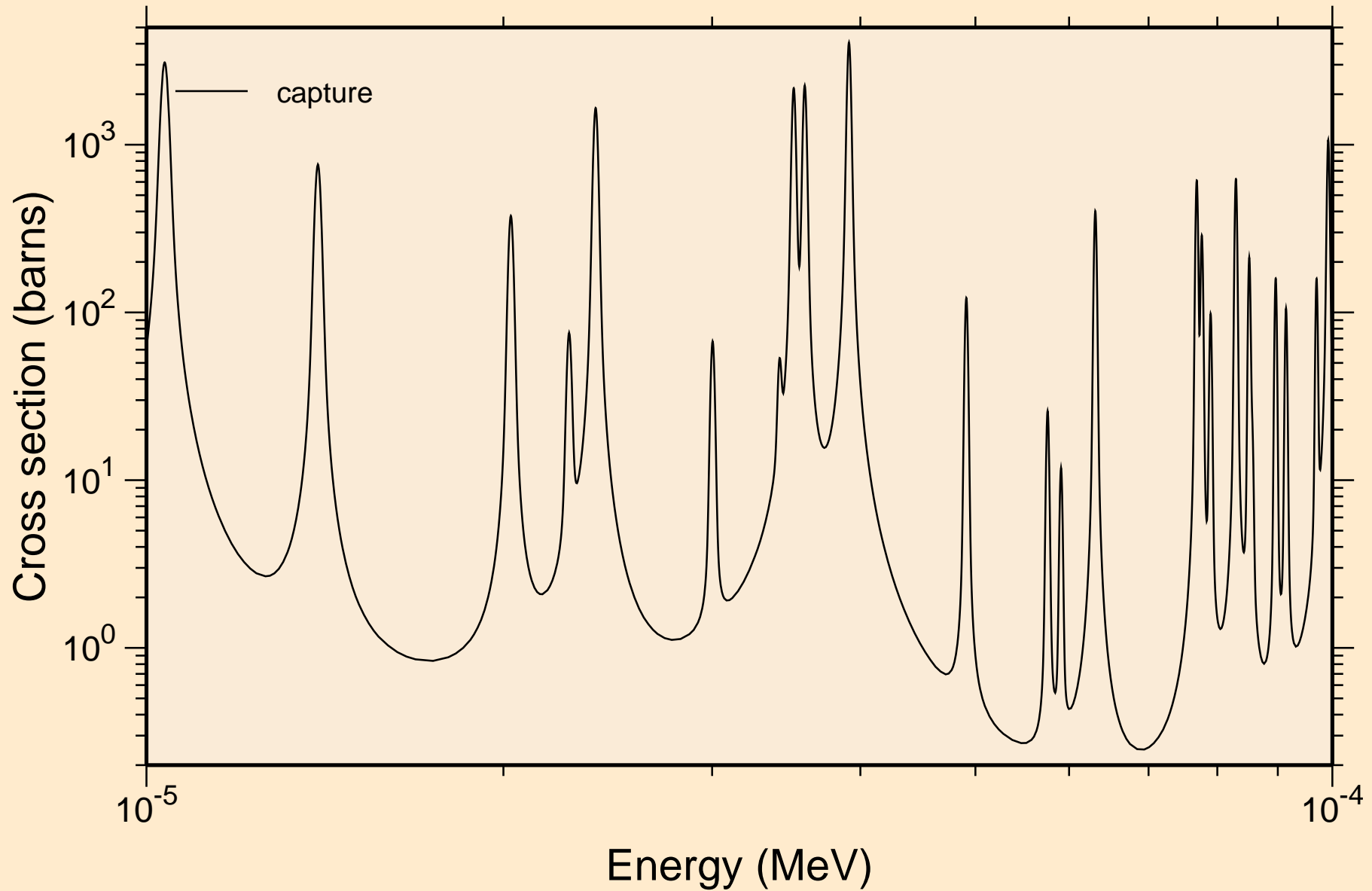
TA181 NRG TENDL-2016, AKONING  
resonance total cross section



TA181 NRG TENDL-2016, AKONING  
resonance absorption cross sections

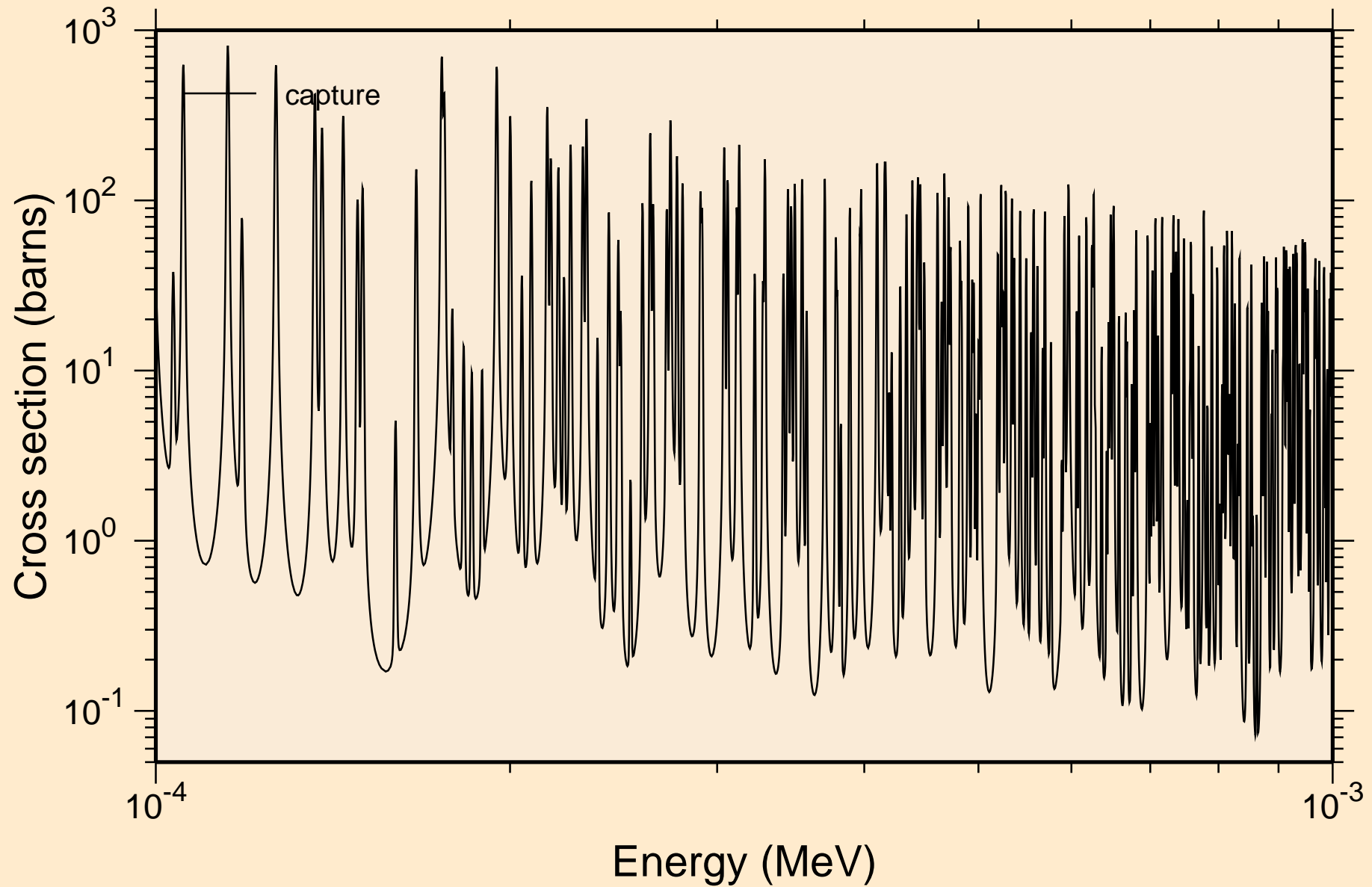


TA181 NRG TENDL-2016, AKONING  
resonance absorption cross sections

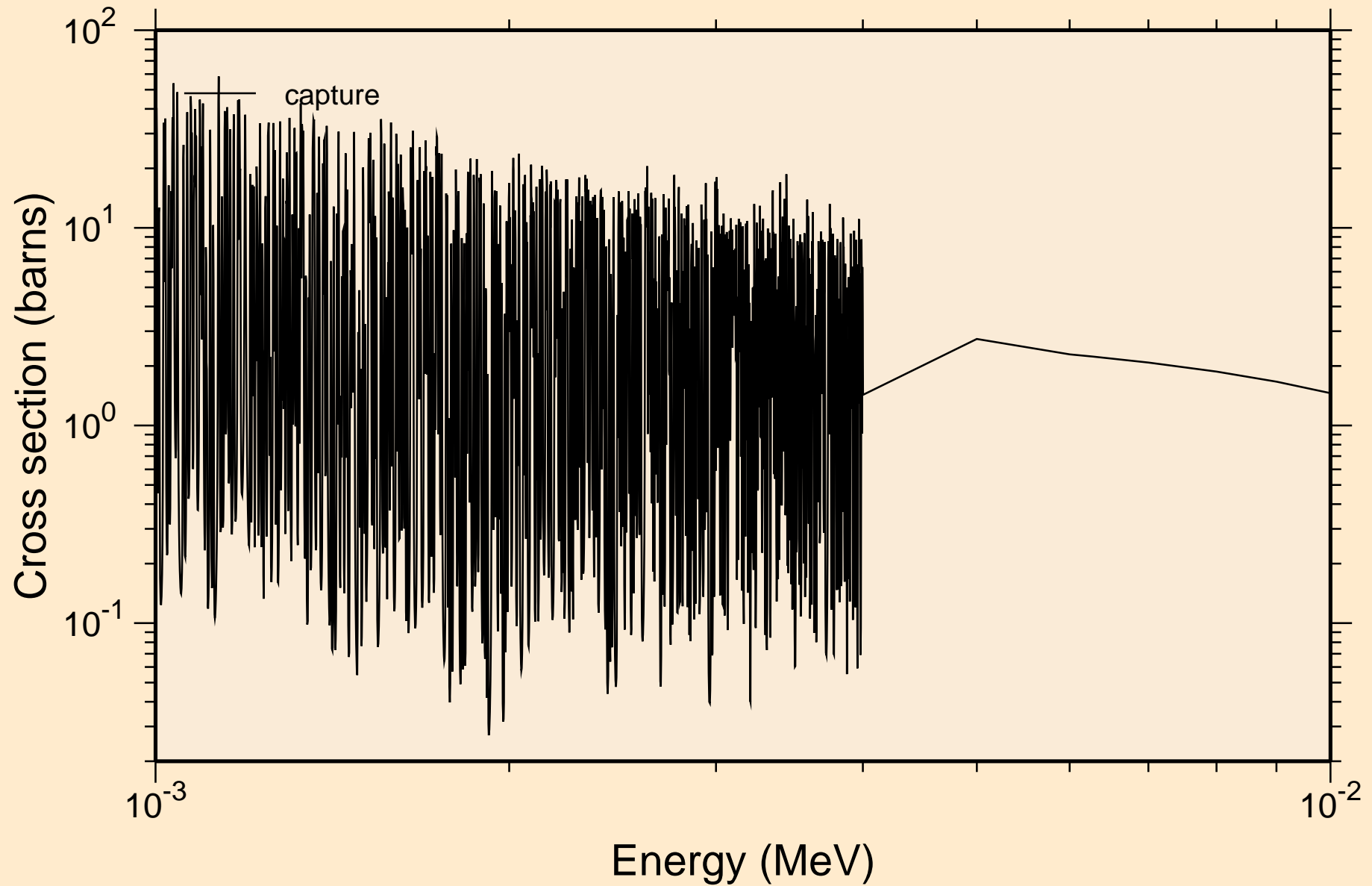




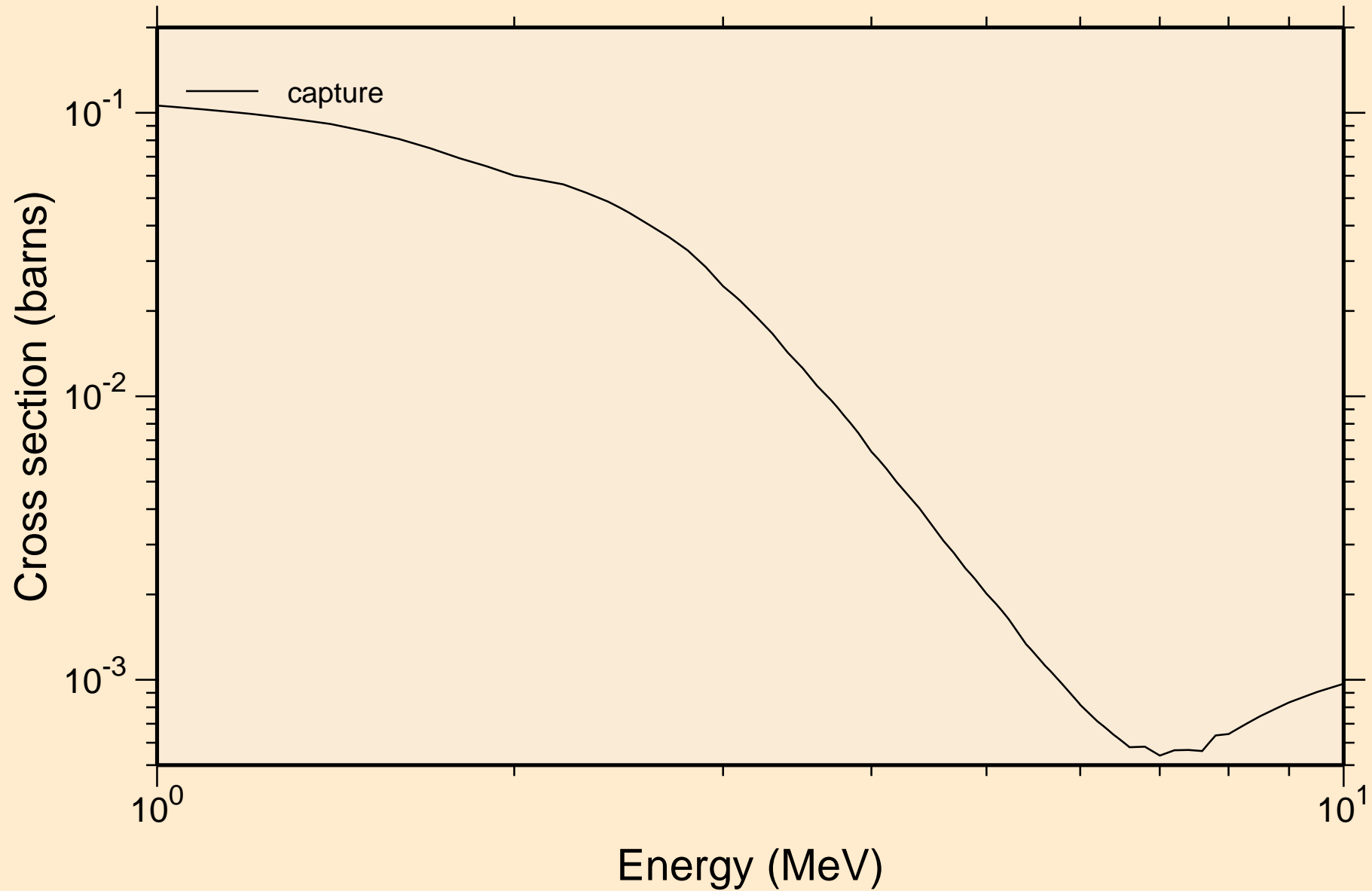
TA181 NRG TENDL-2016, AKONING  
resonance absorption cross sections



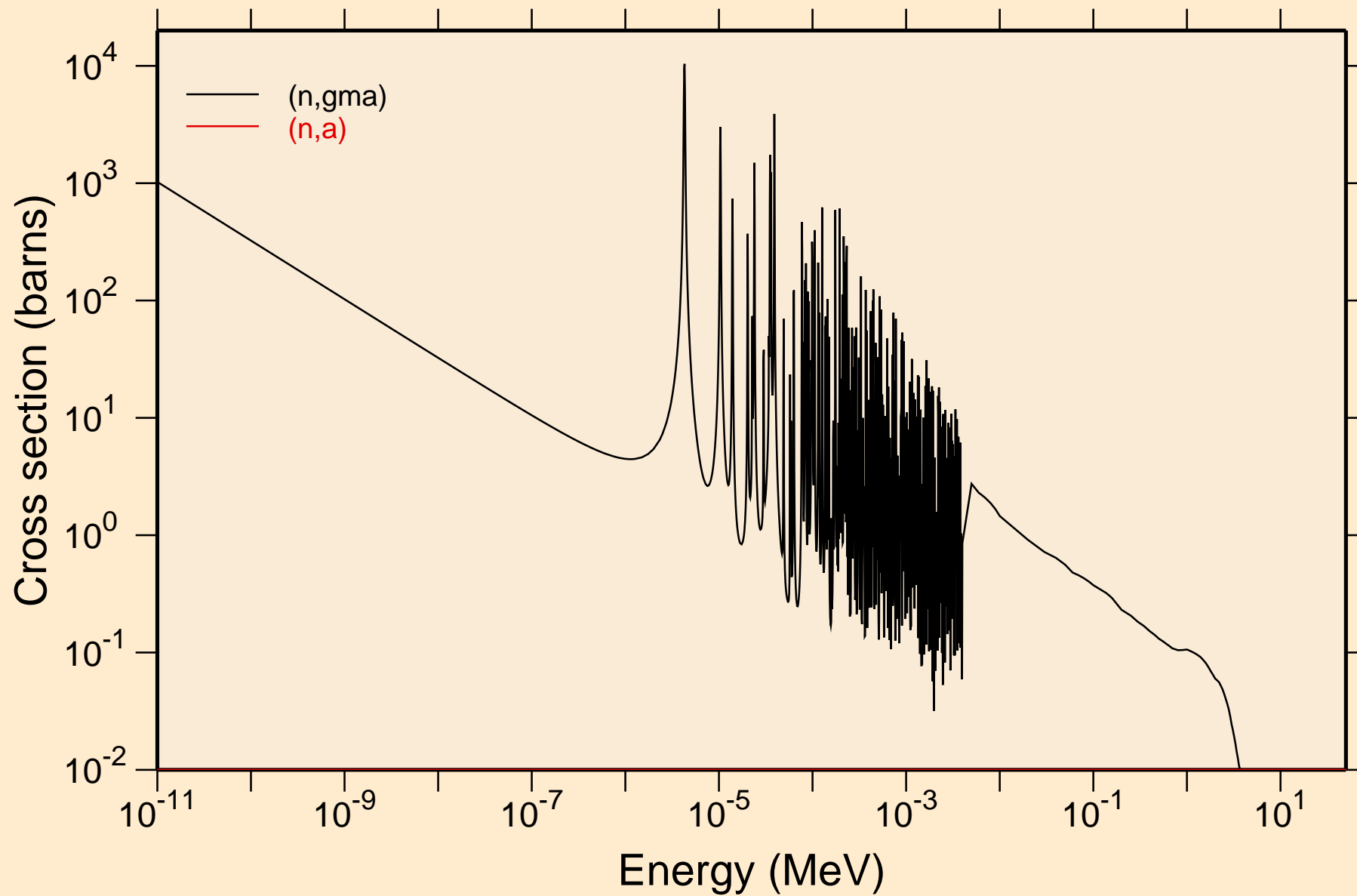
TA181 NRG TENDL-2016, AKONING  
resonance absorption cross sections



TA181 NRG TENDL-2016, AKONING  
resonance absorption cross sections

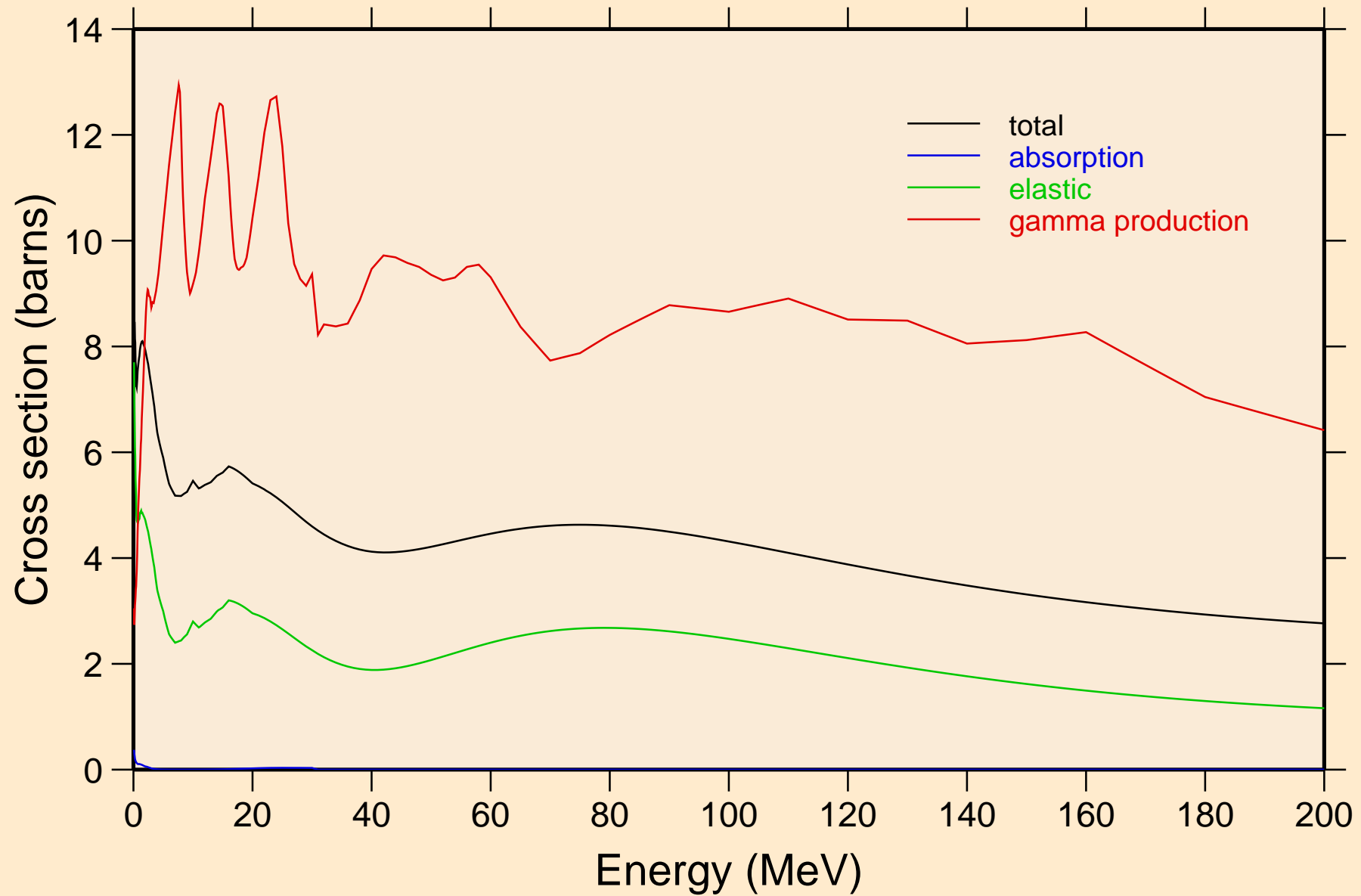


TA181 NRG TENDL-2016, AKONING  
Non-threshold reactions

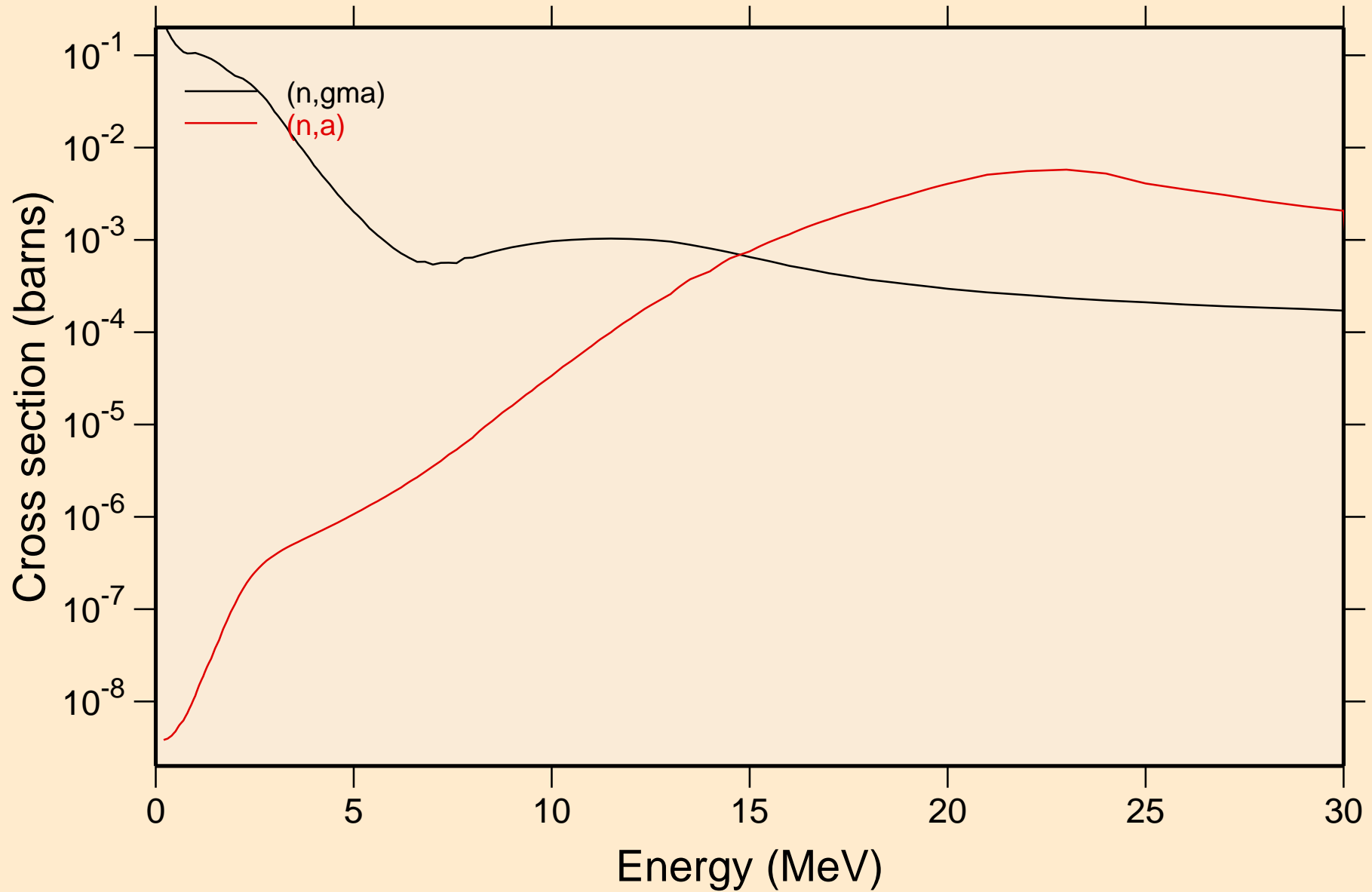


# TA181 NRG TENDL-2016, AKONING

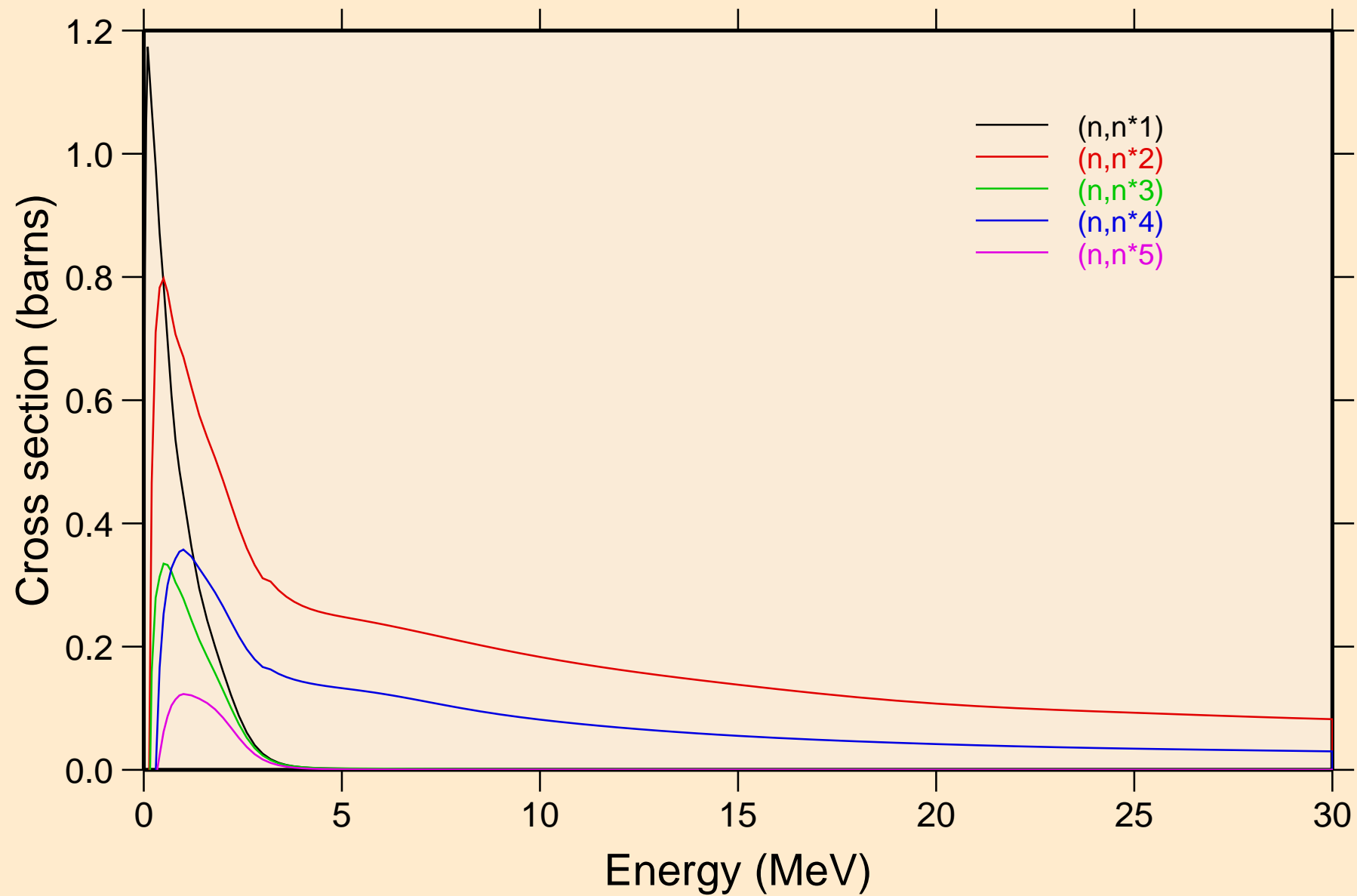
## Principal cross sections



TA181 NRG TENDL-2016, AKONING  
Non-threshold reactions

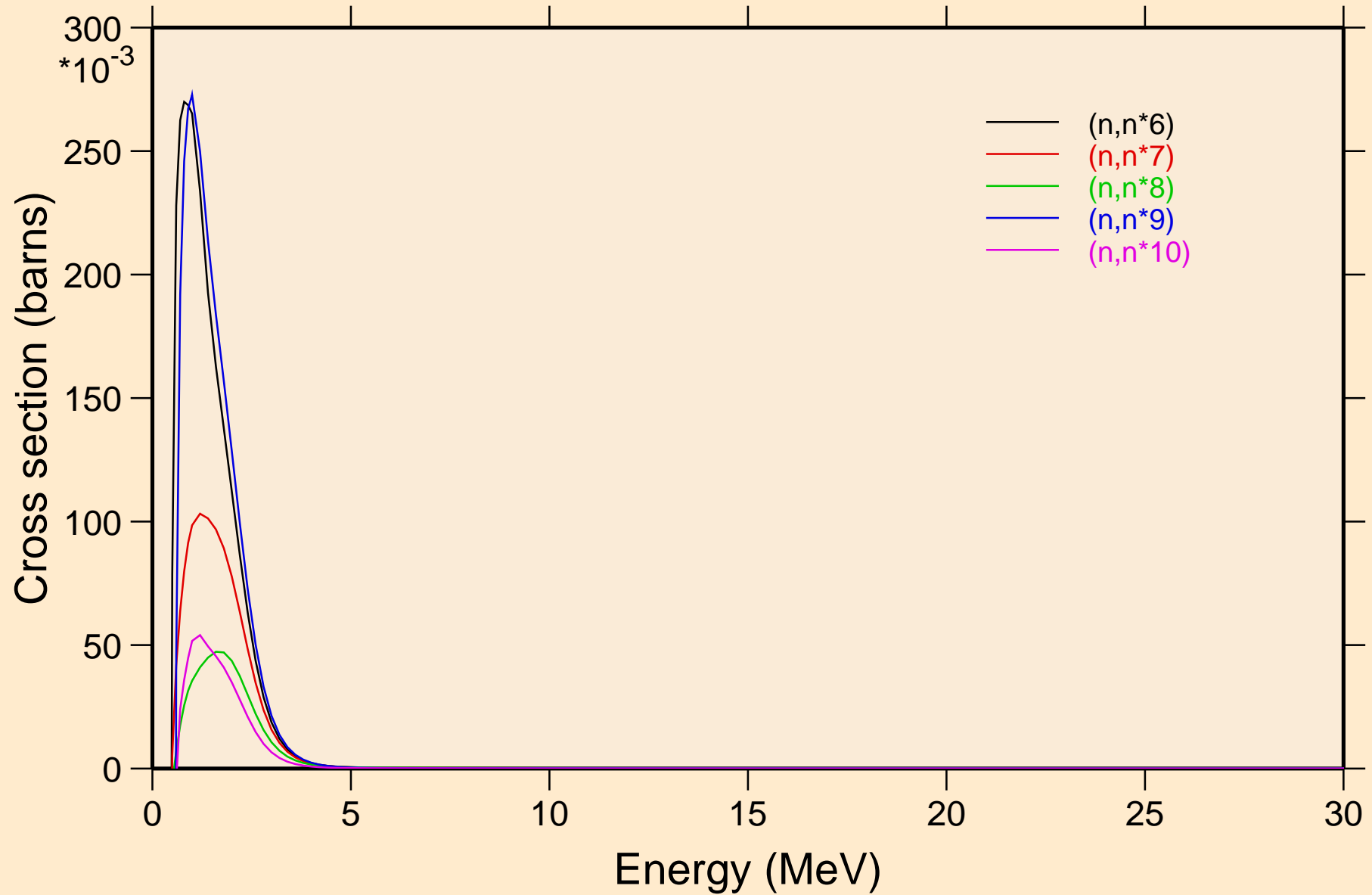


TA181 NRG TENDL-2016, AKONING  
Inelastic levels



# TA181 NRG TENDL-2016, AKONING

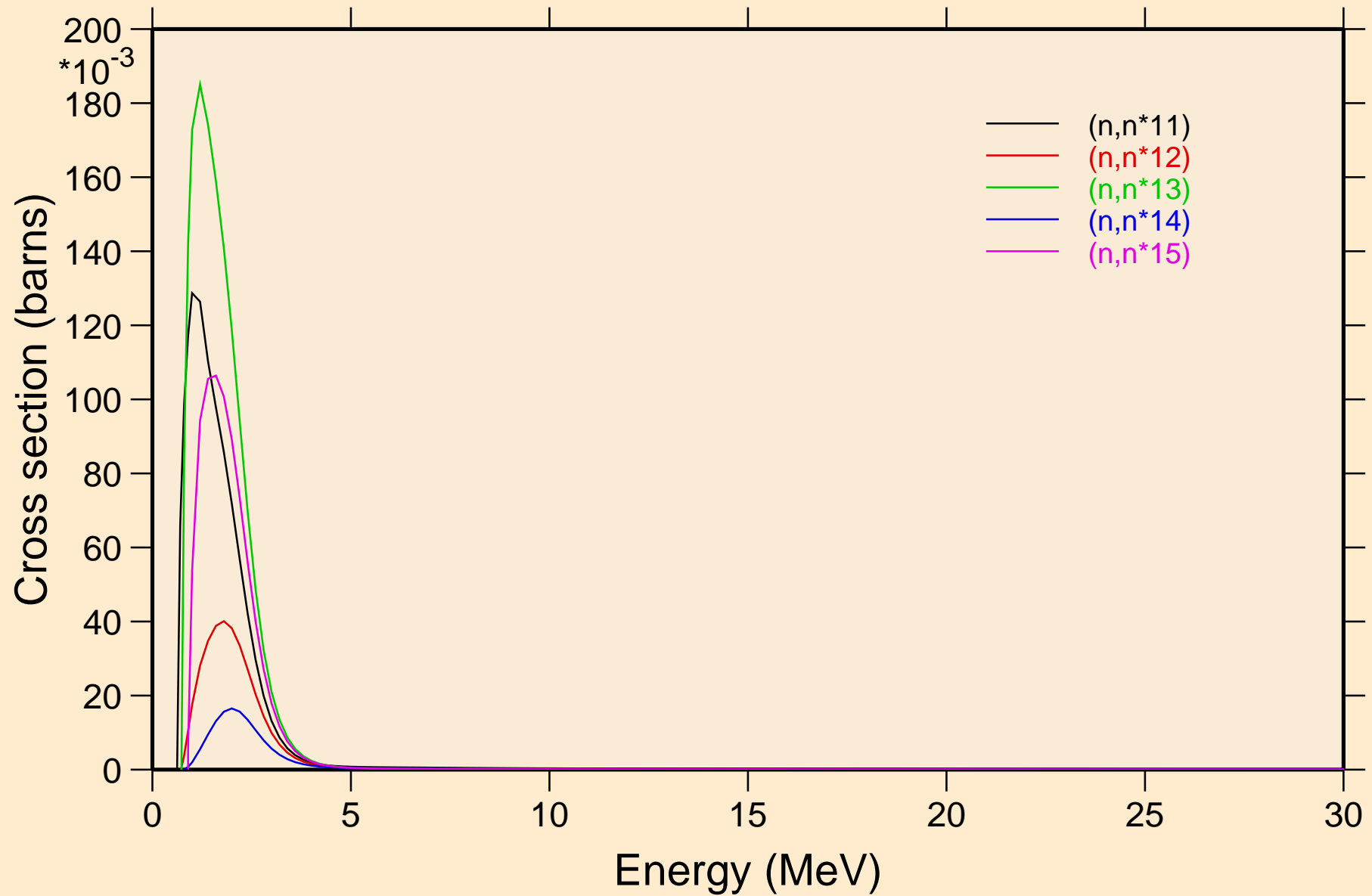
## Inelastic levels





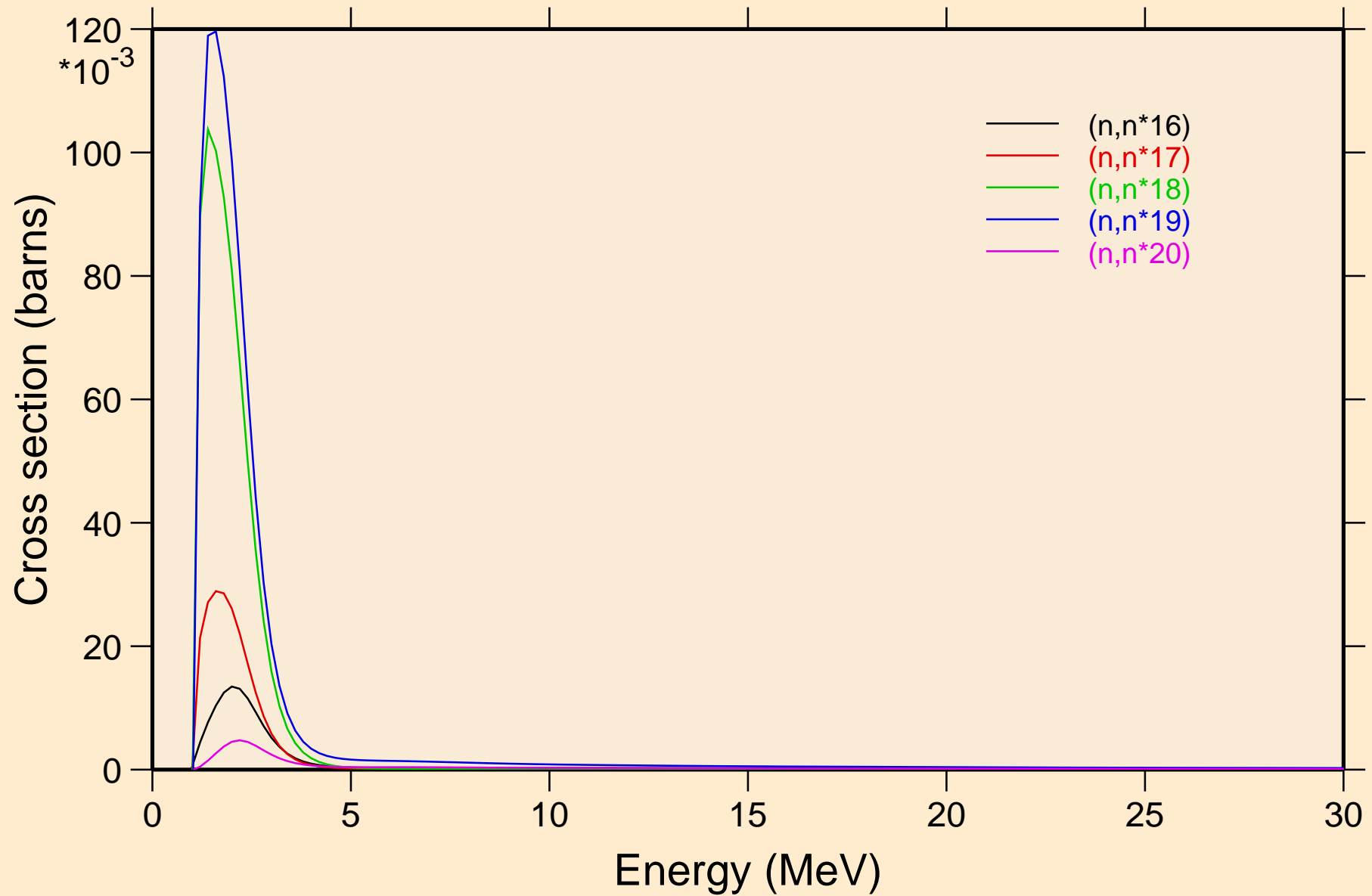
# TA181 NRG TENDL-2016, AKONING

## Inelastic levels



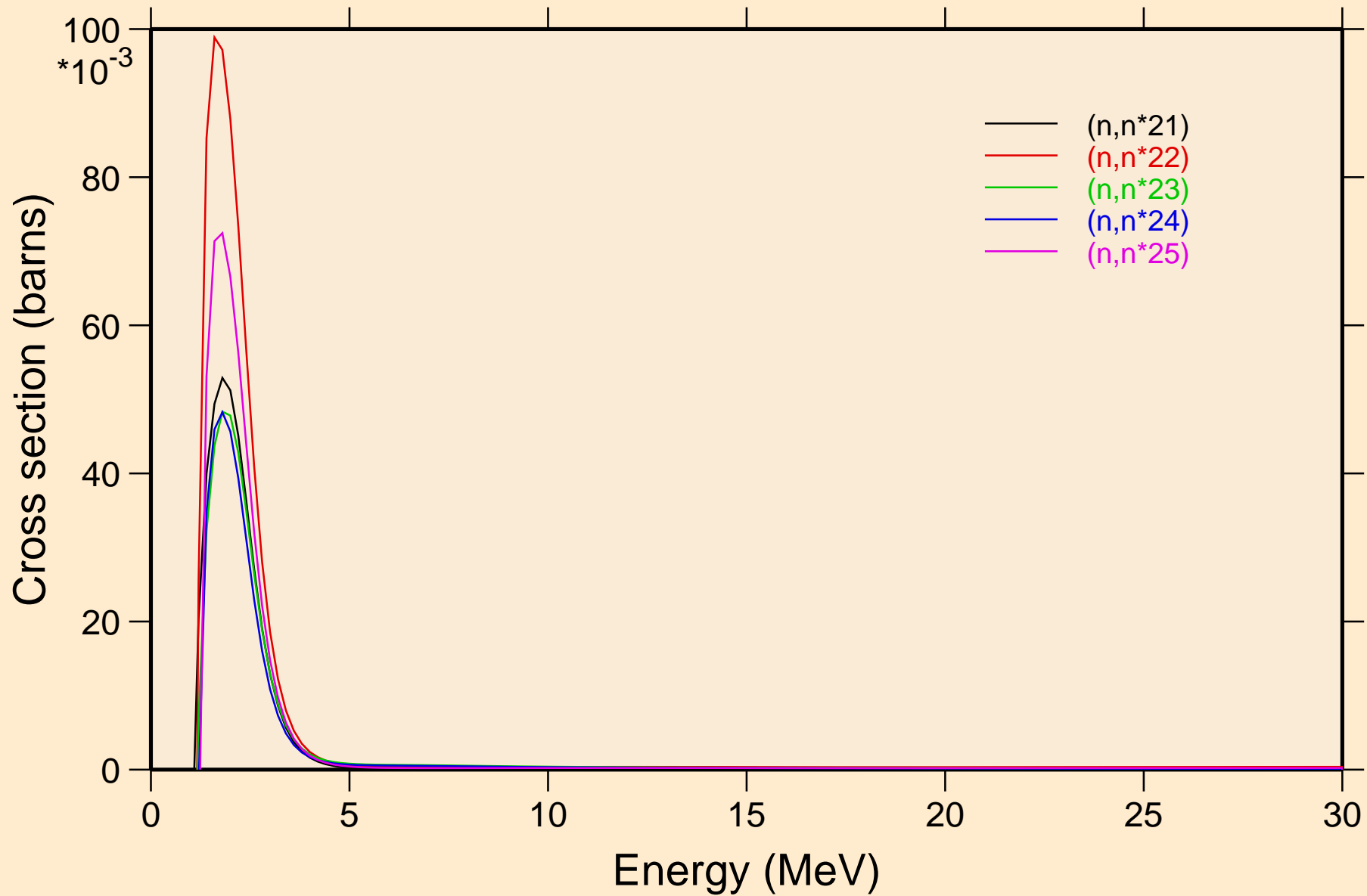
# TA181 NRG TENDL-2016, AKONING

## Inelastic levels



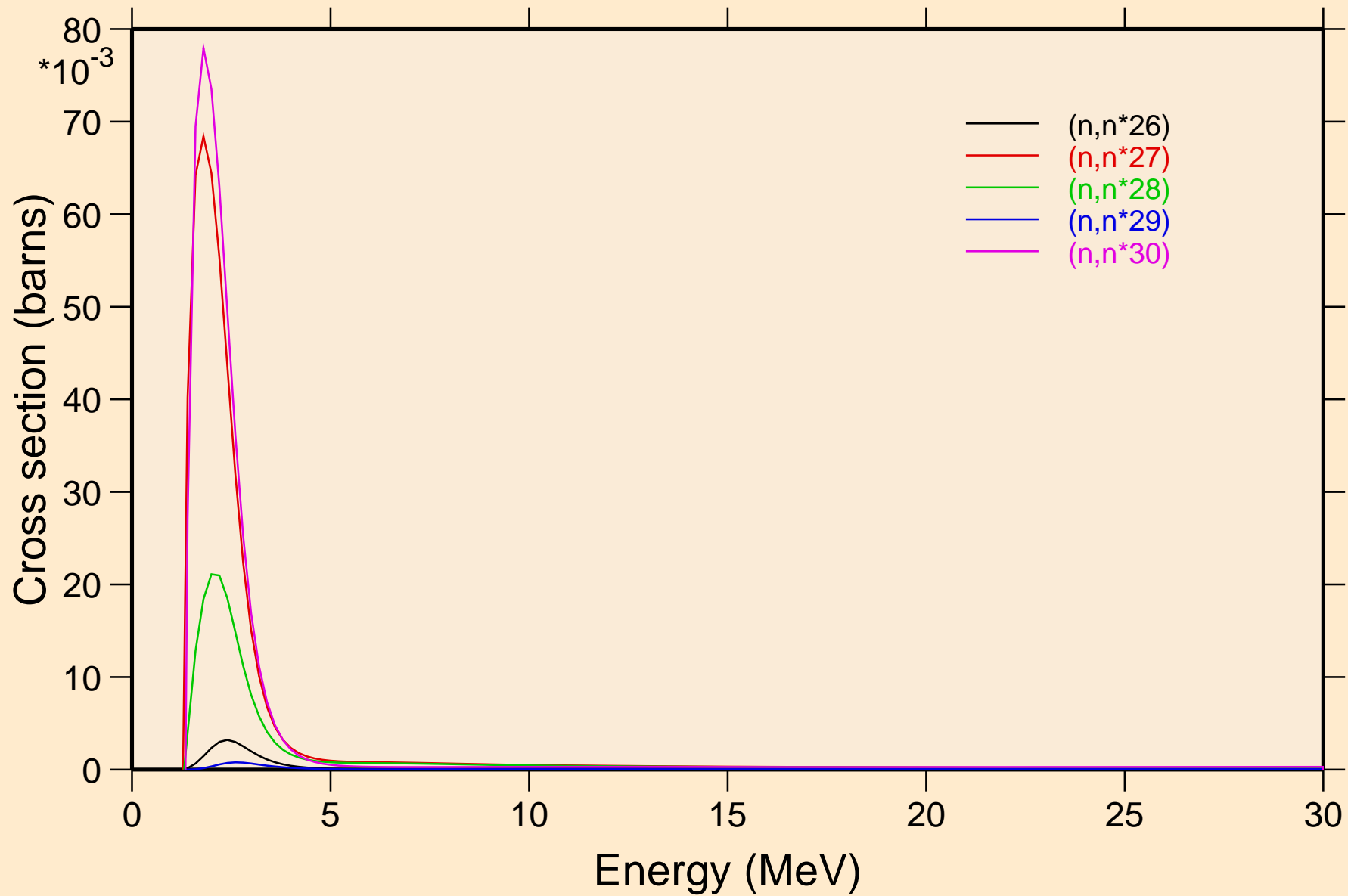
# TA181 NRG TENDL-2016, AKONING

## Inelastic levels



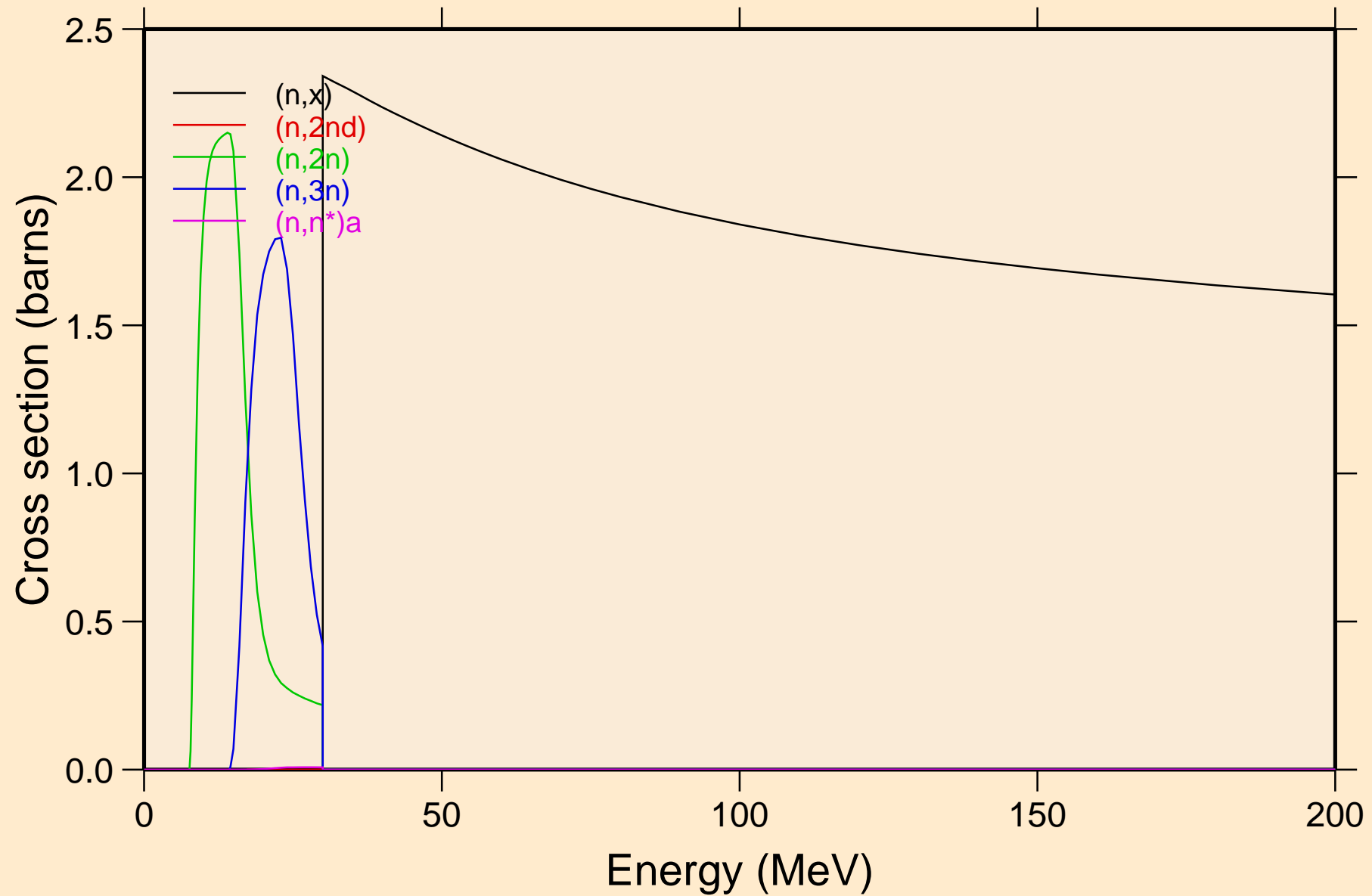
# TA181 NRG TENDL-2016, AKONING

## Inelastic levels



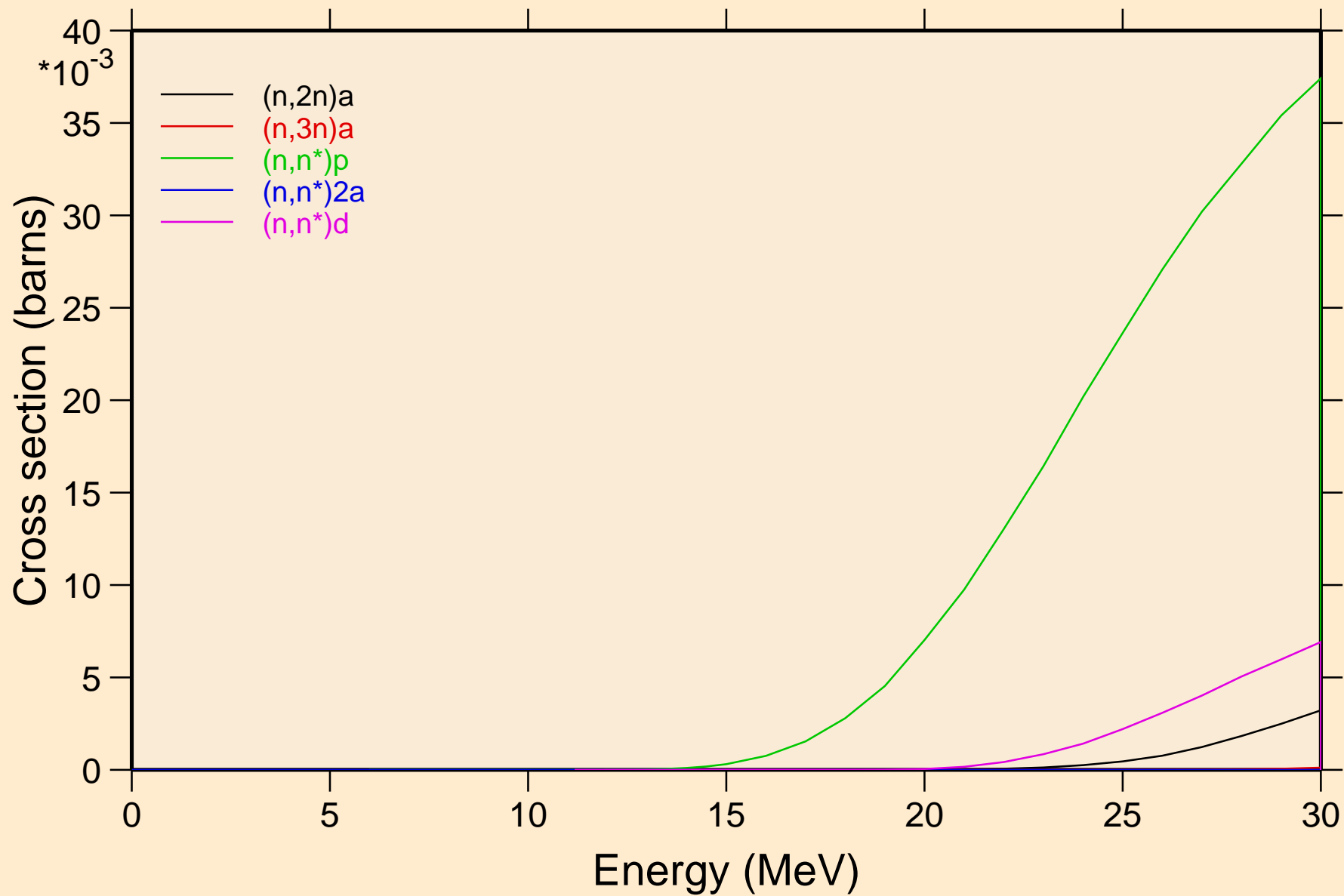
# TA181 NRG TENDL-2016, AKONING

## Threshold reactions



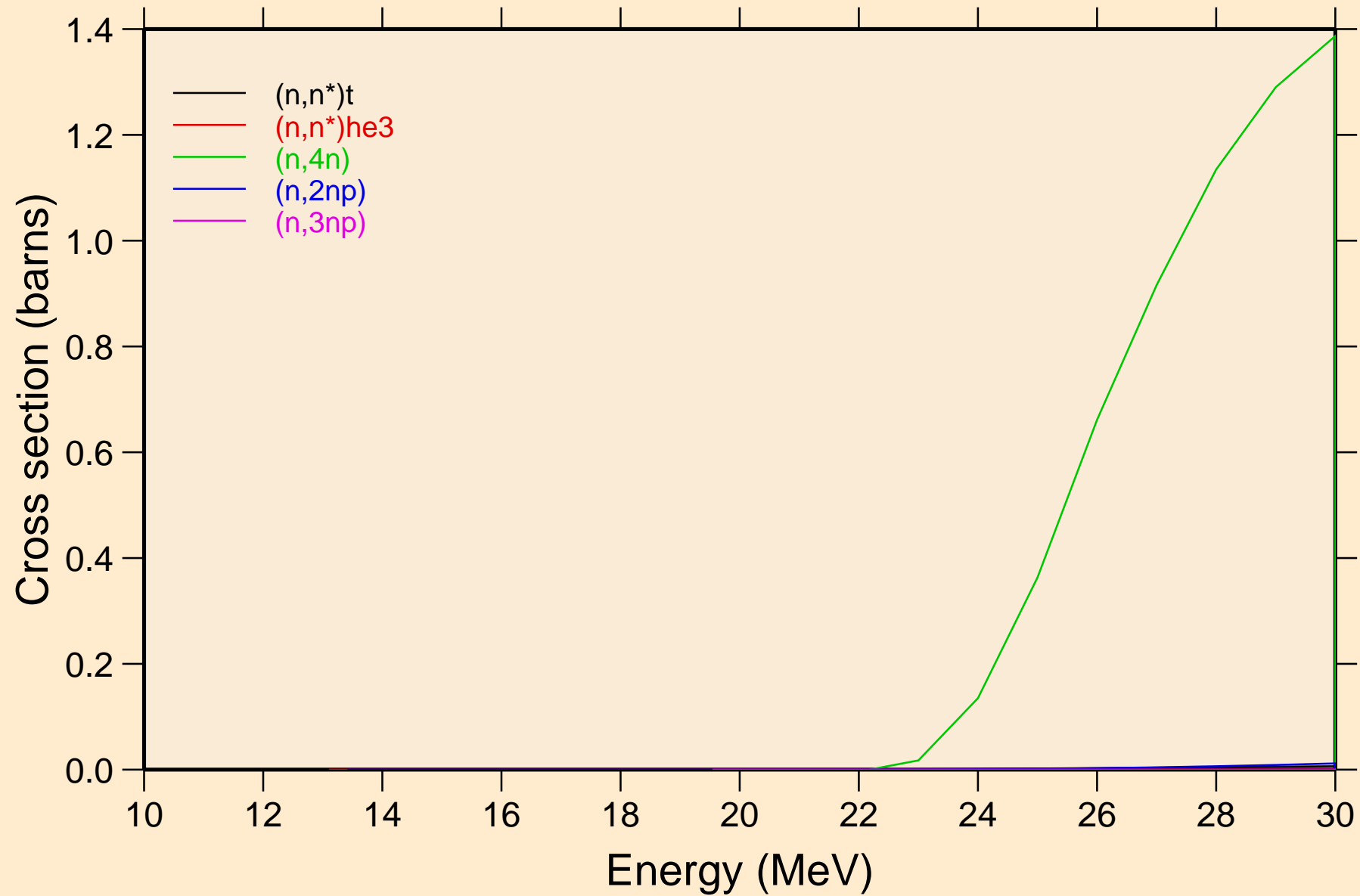
# TA181 NRG TENDL-2016, AKONING

## Threshold reactions



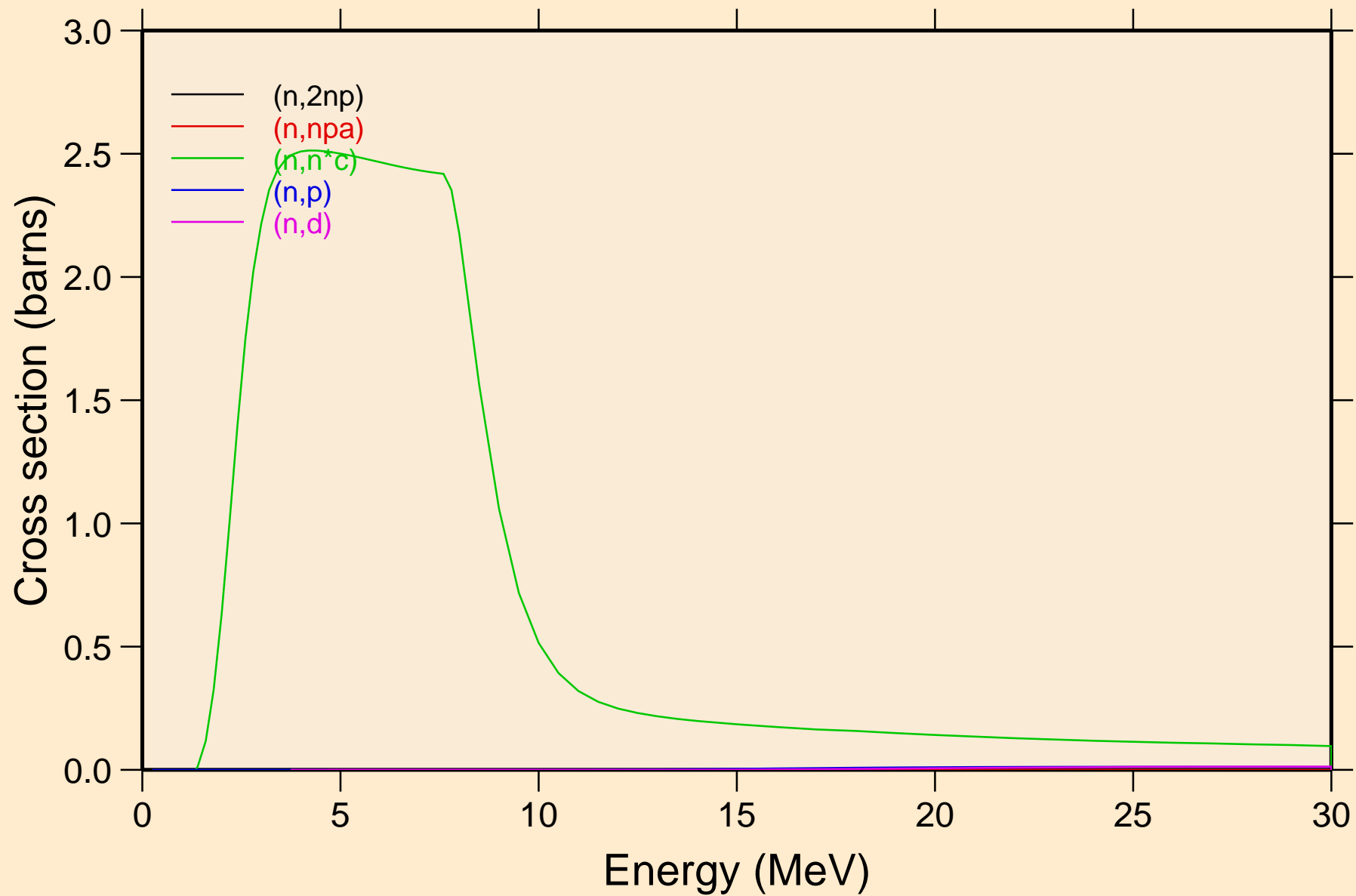
# TA181 NRG TENDL-2016, AKONING

## Threshold reactions



# TA181 NRG TENDL-2016, AKONING

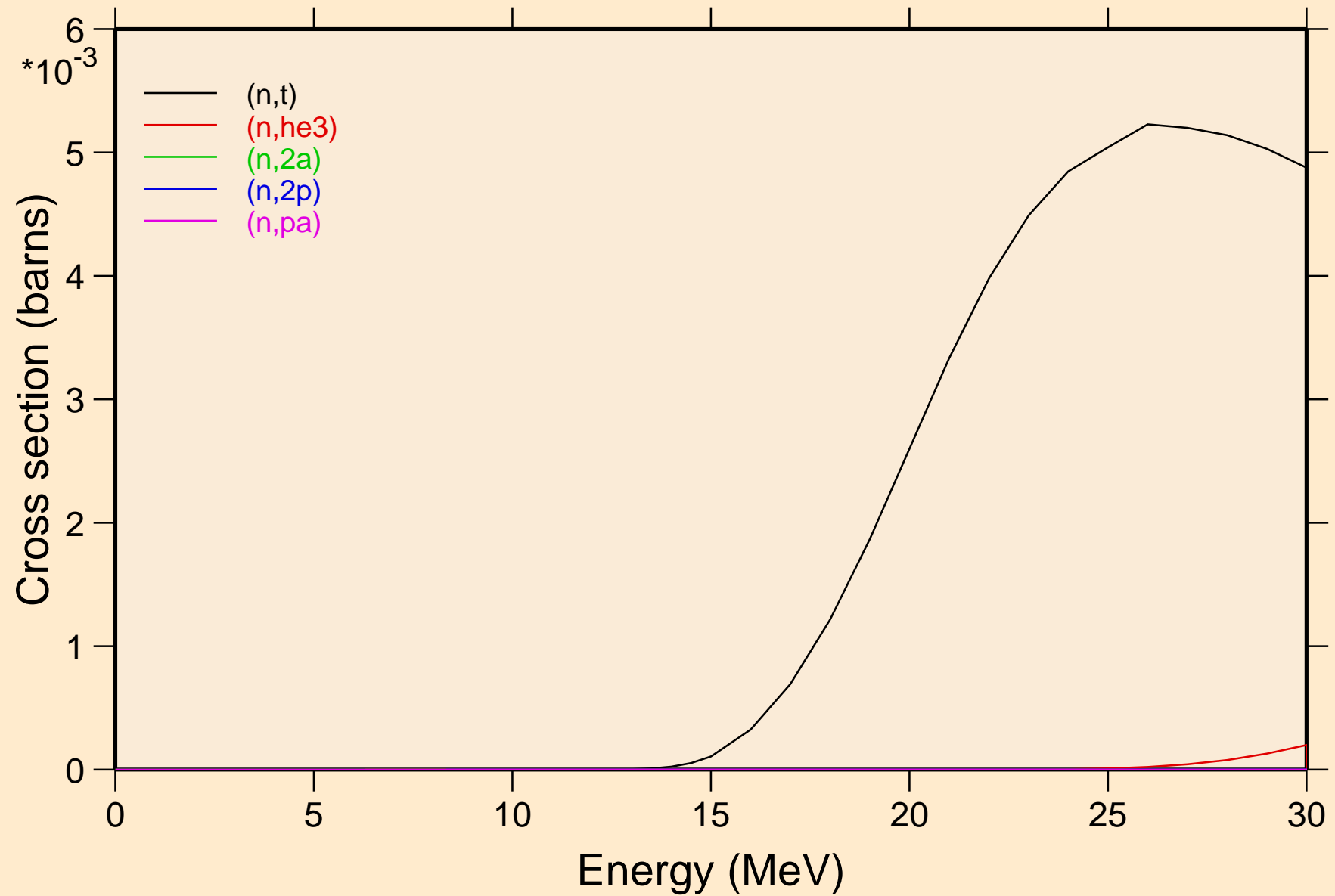
## Threshold reactions





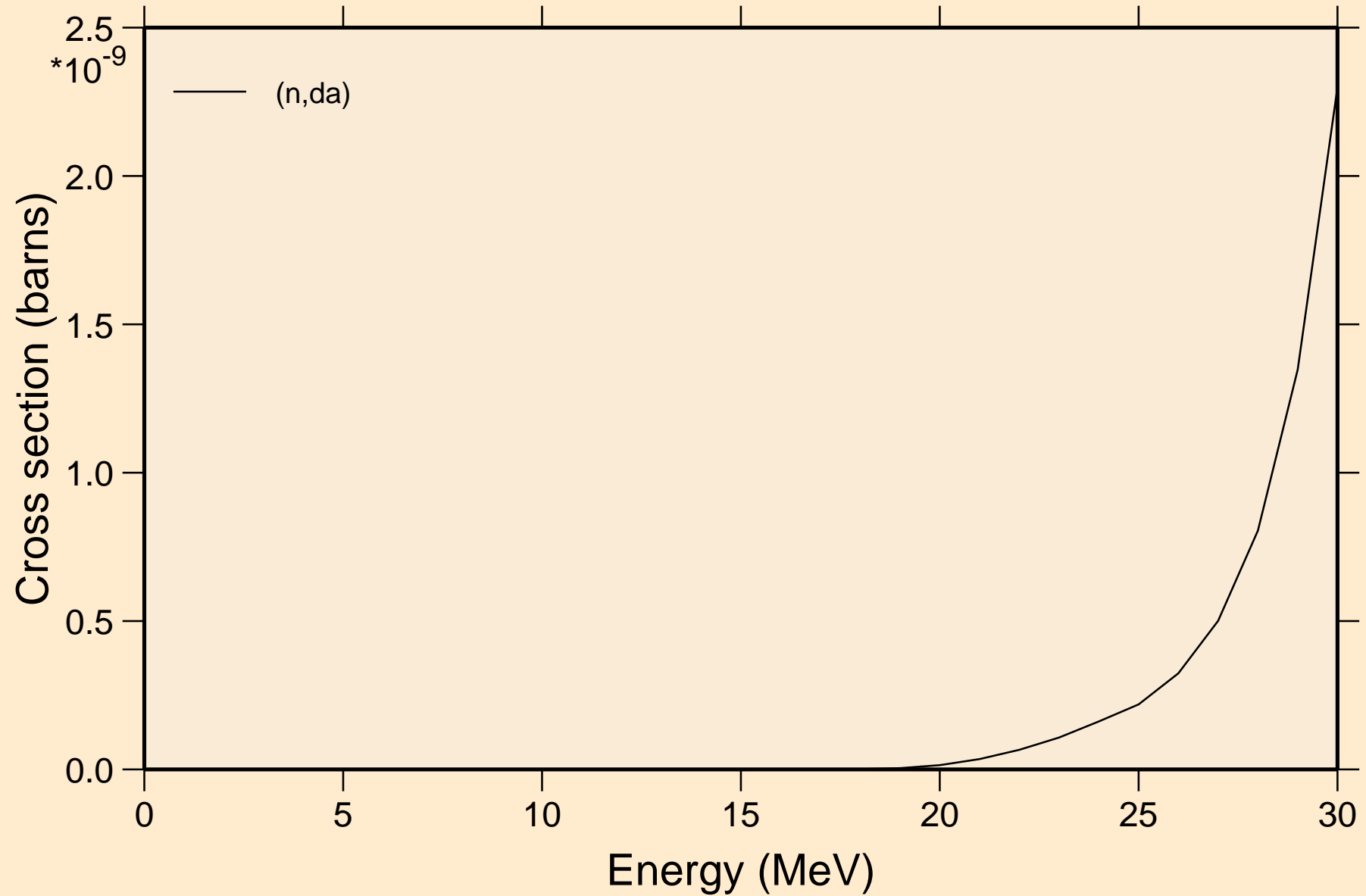
# TA181 NRG TENDL-2016, AKONING

## Threshold reactions

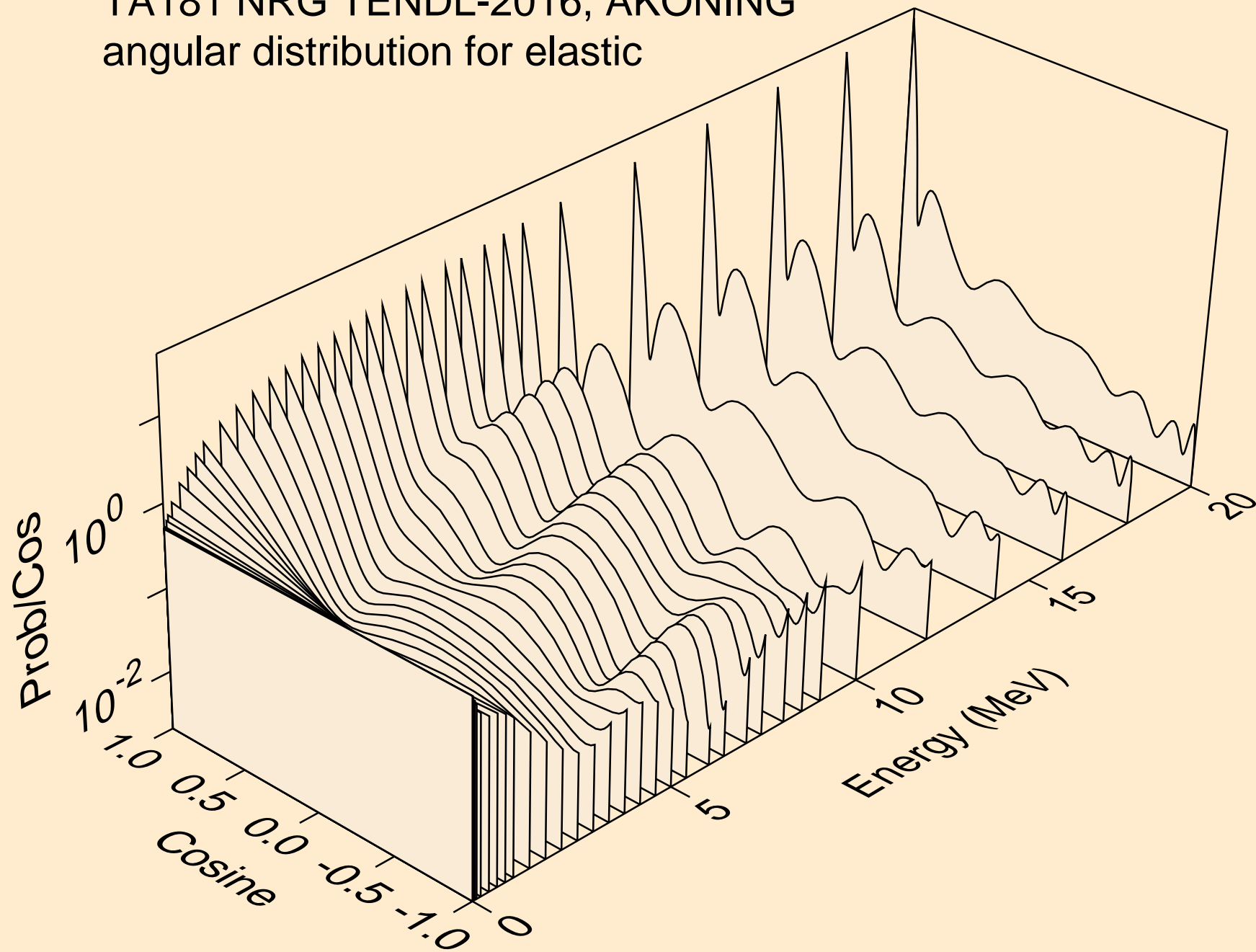


# TA181 NRG TENDL-2016, AKONING

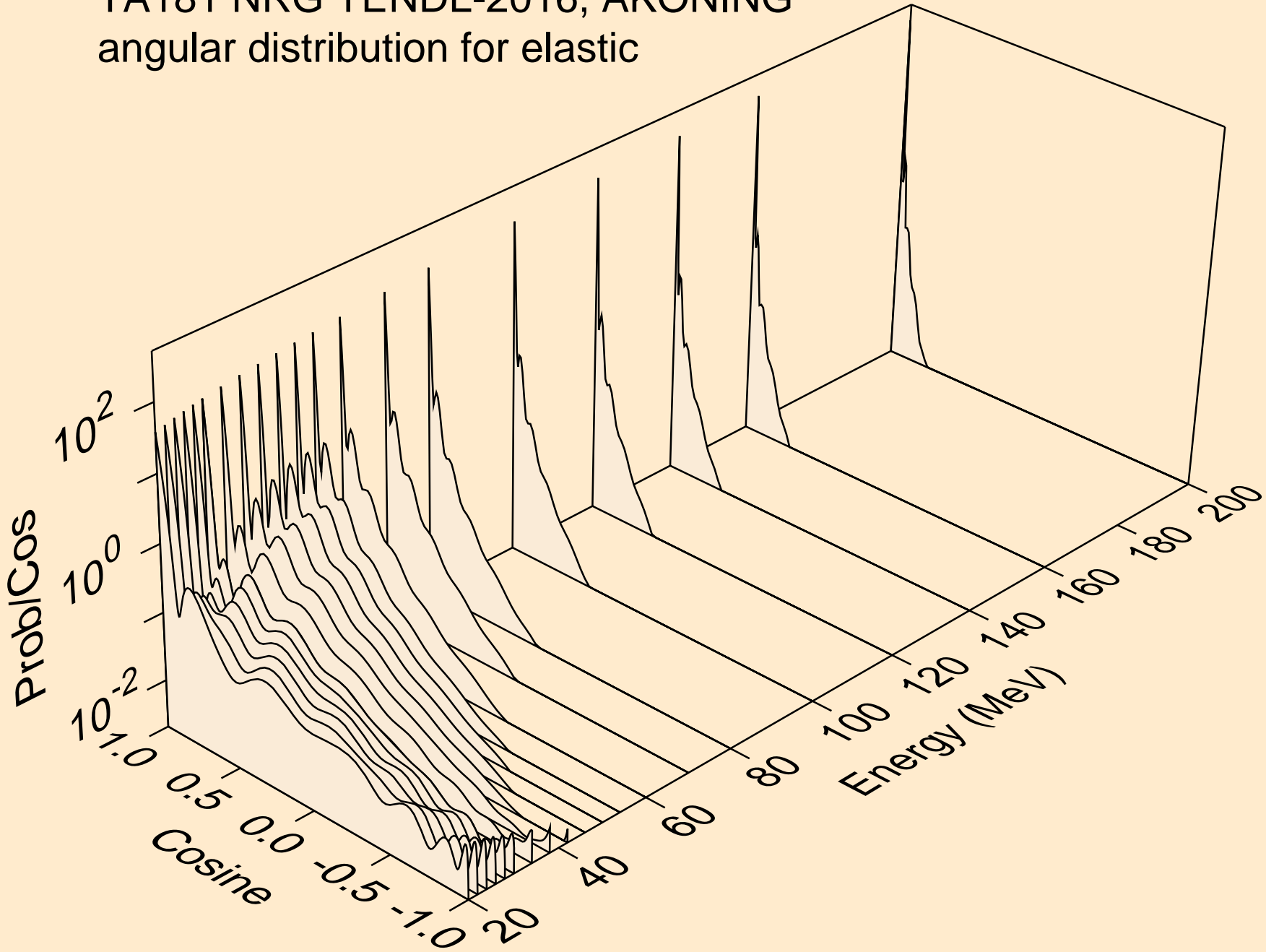
## Threshold reactions



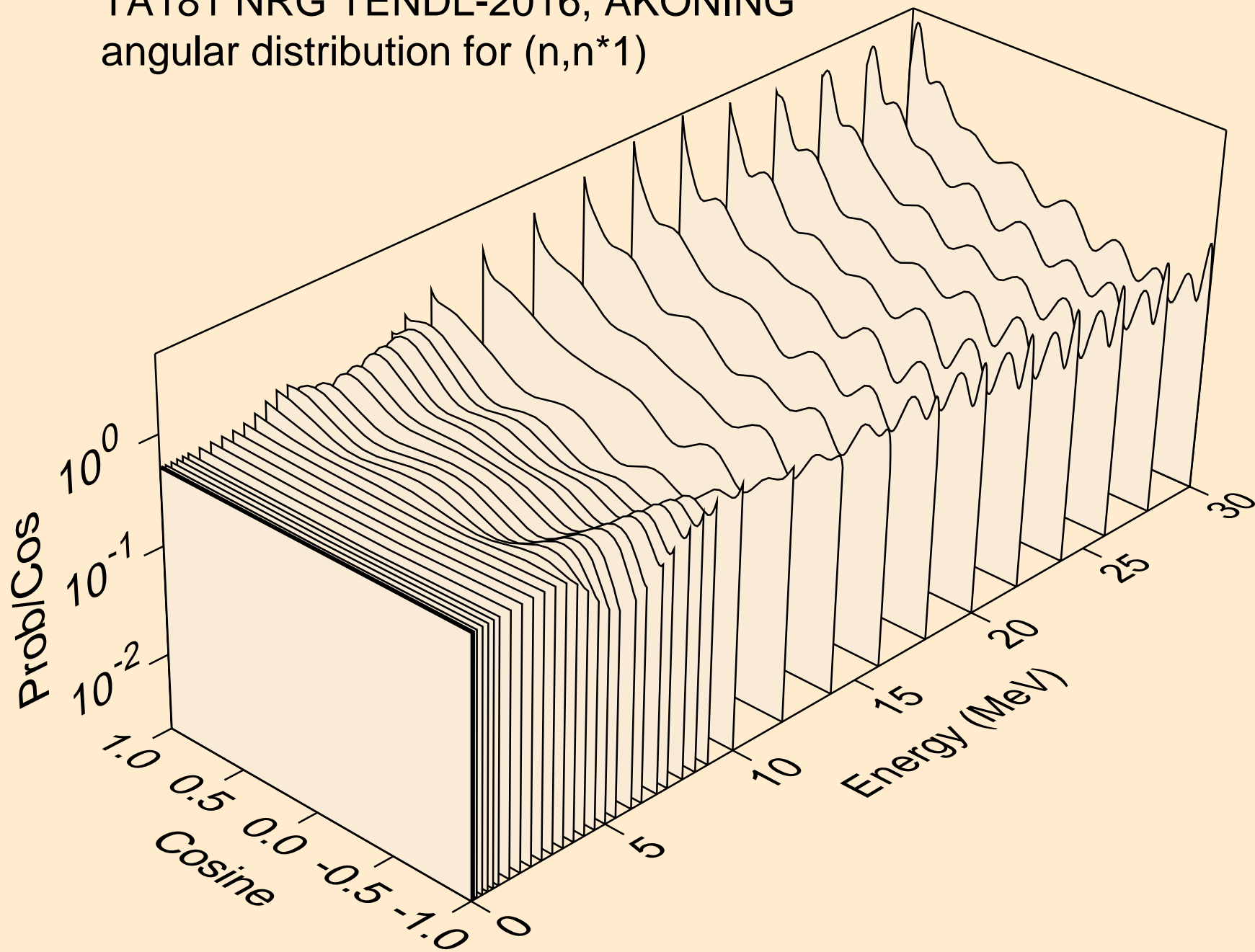
TA181 NRG TENDL-2016, AKONING  
angular distribution for elastic



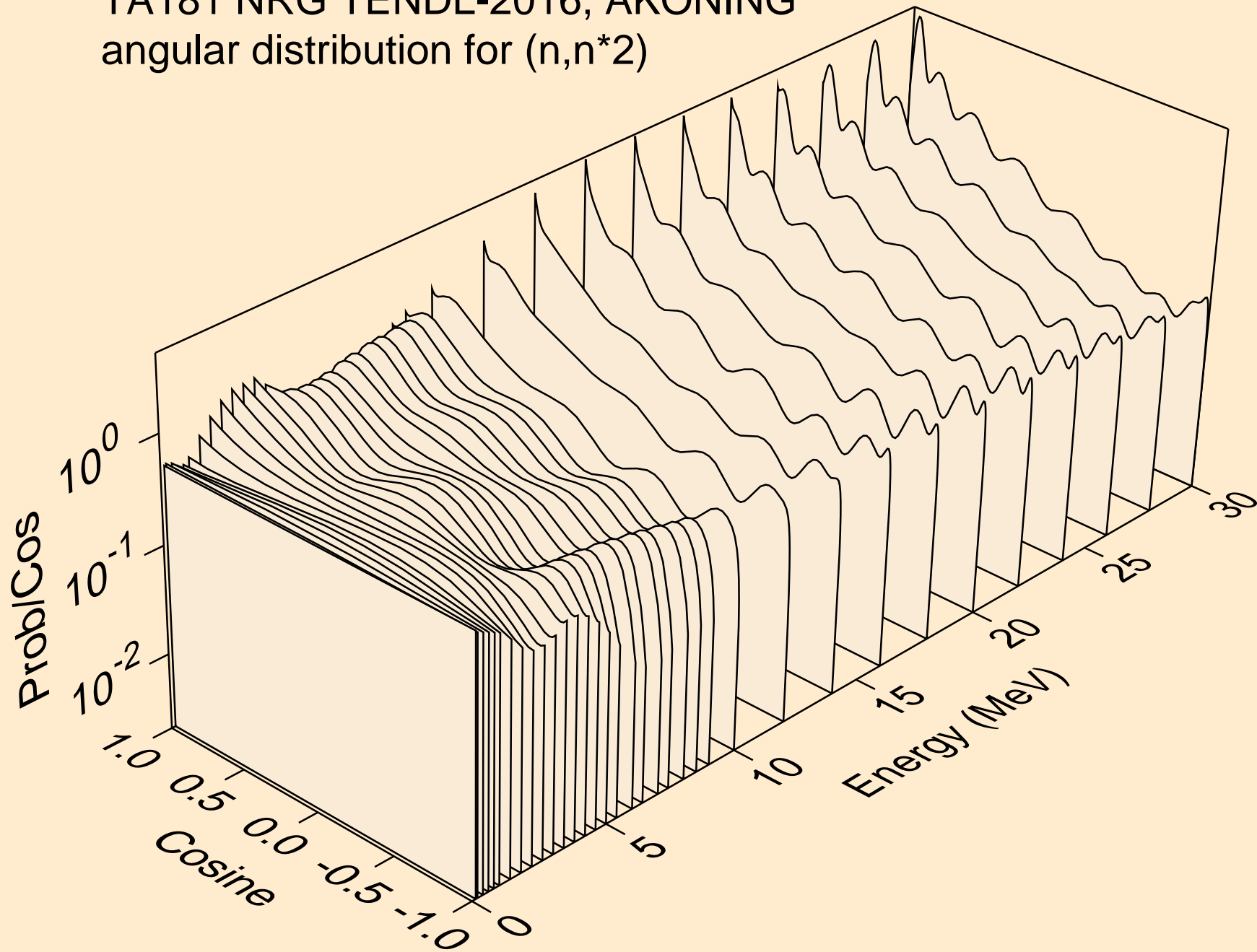
TA181 NRG TENDL-2016, AKONING  
angular distribution for elastic



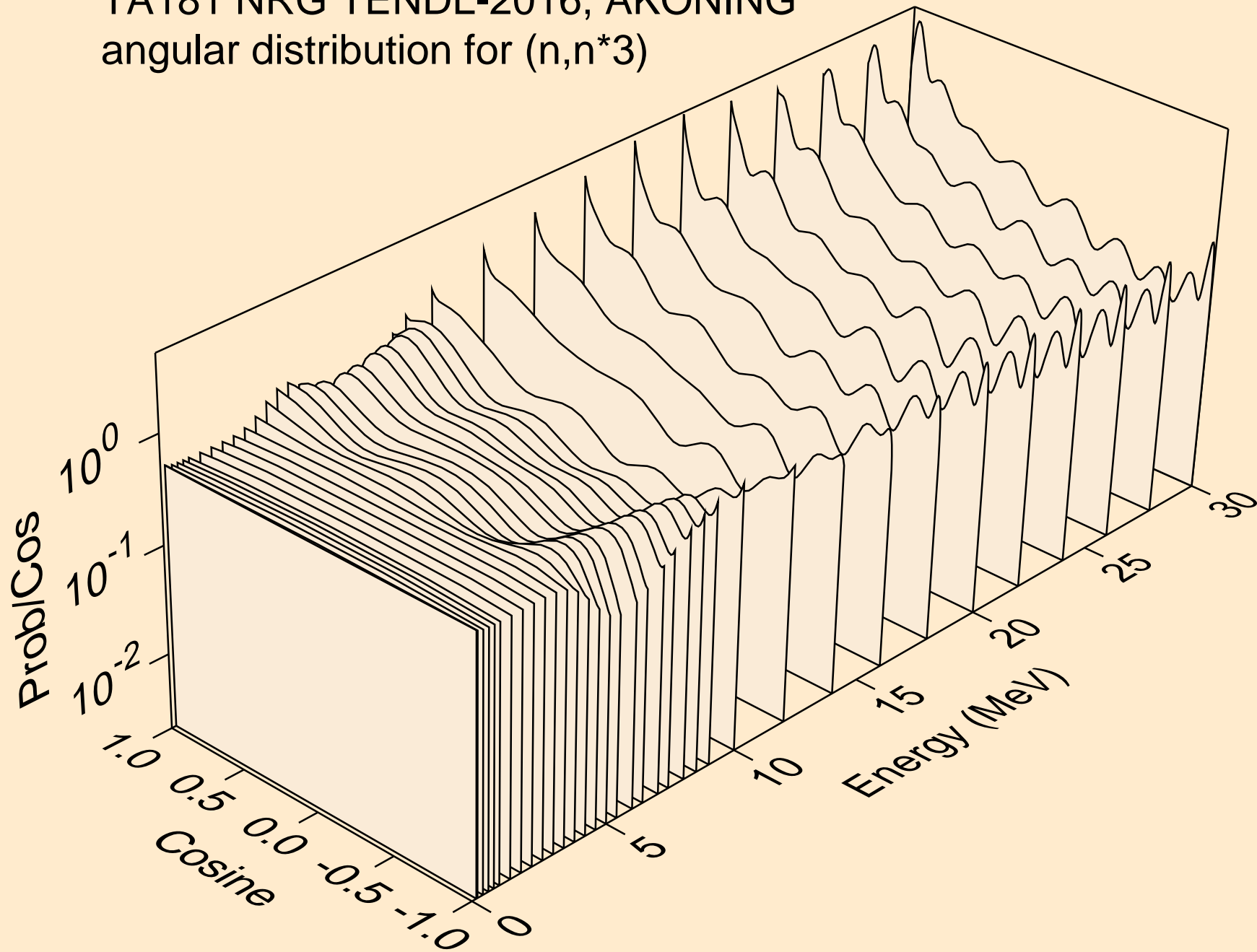
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*1)



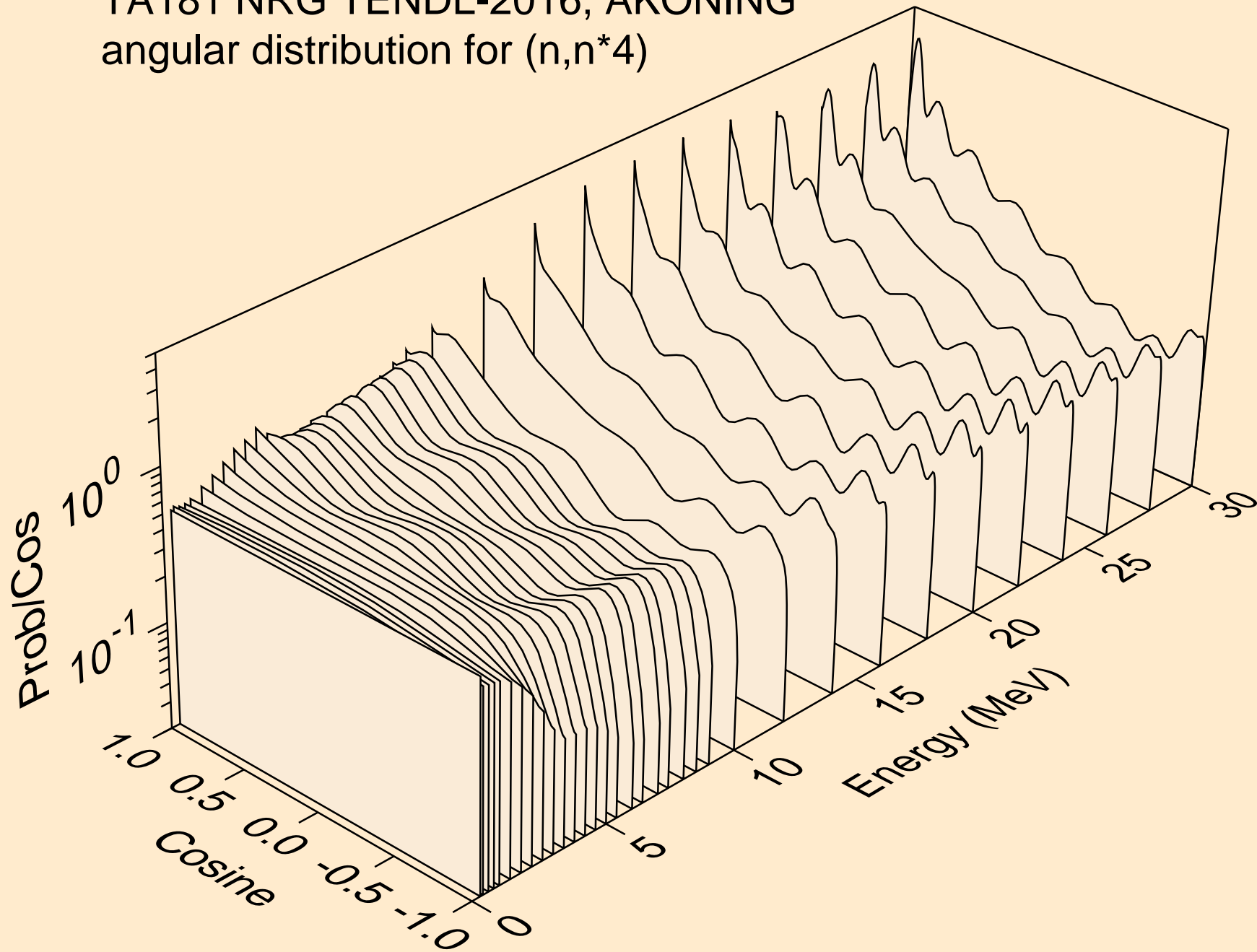
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*2)



TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*3)

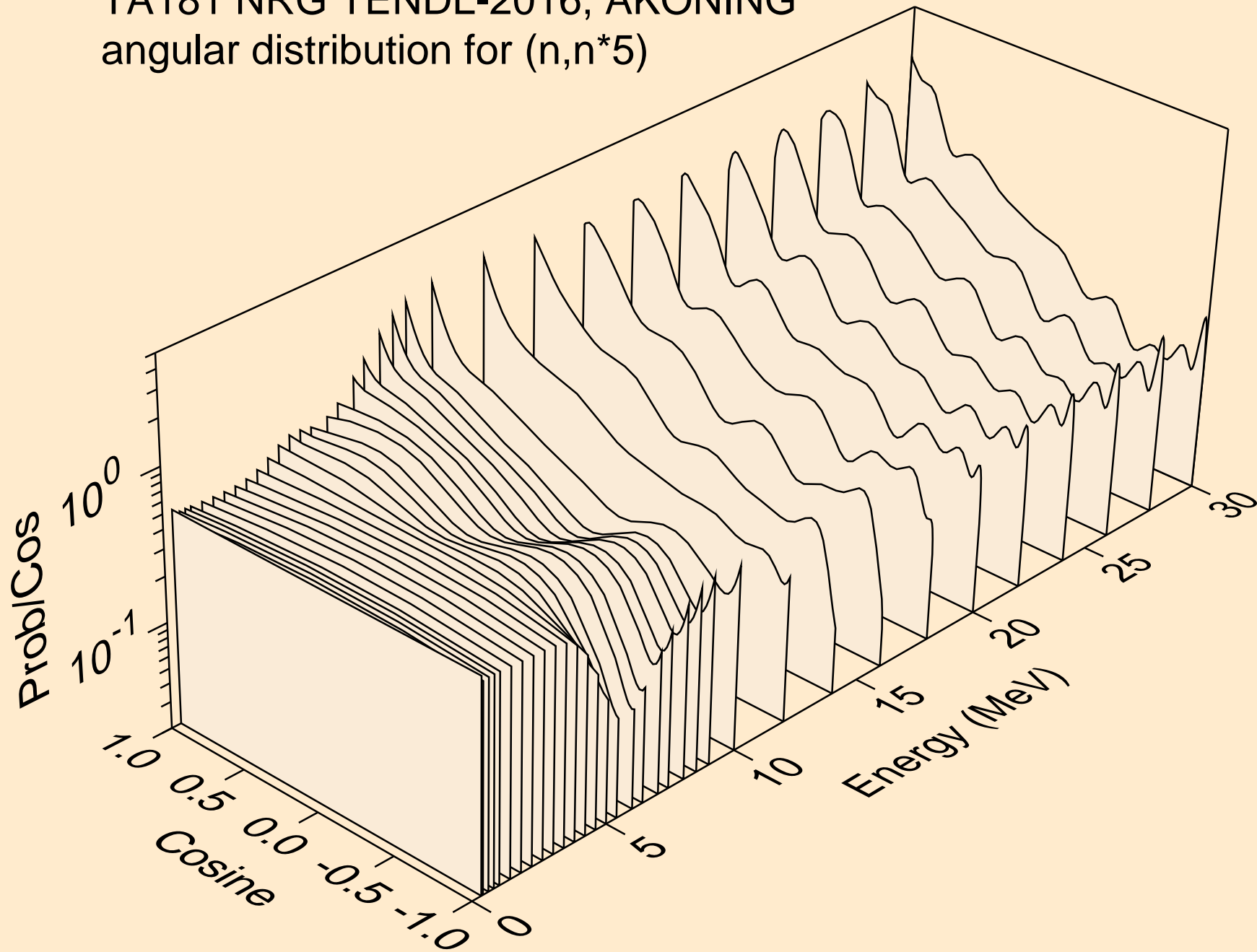


TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*4)

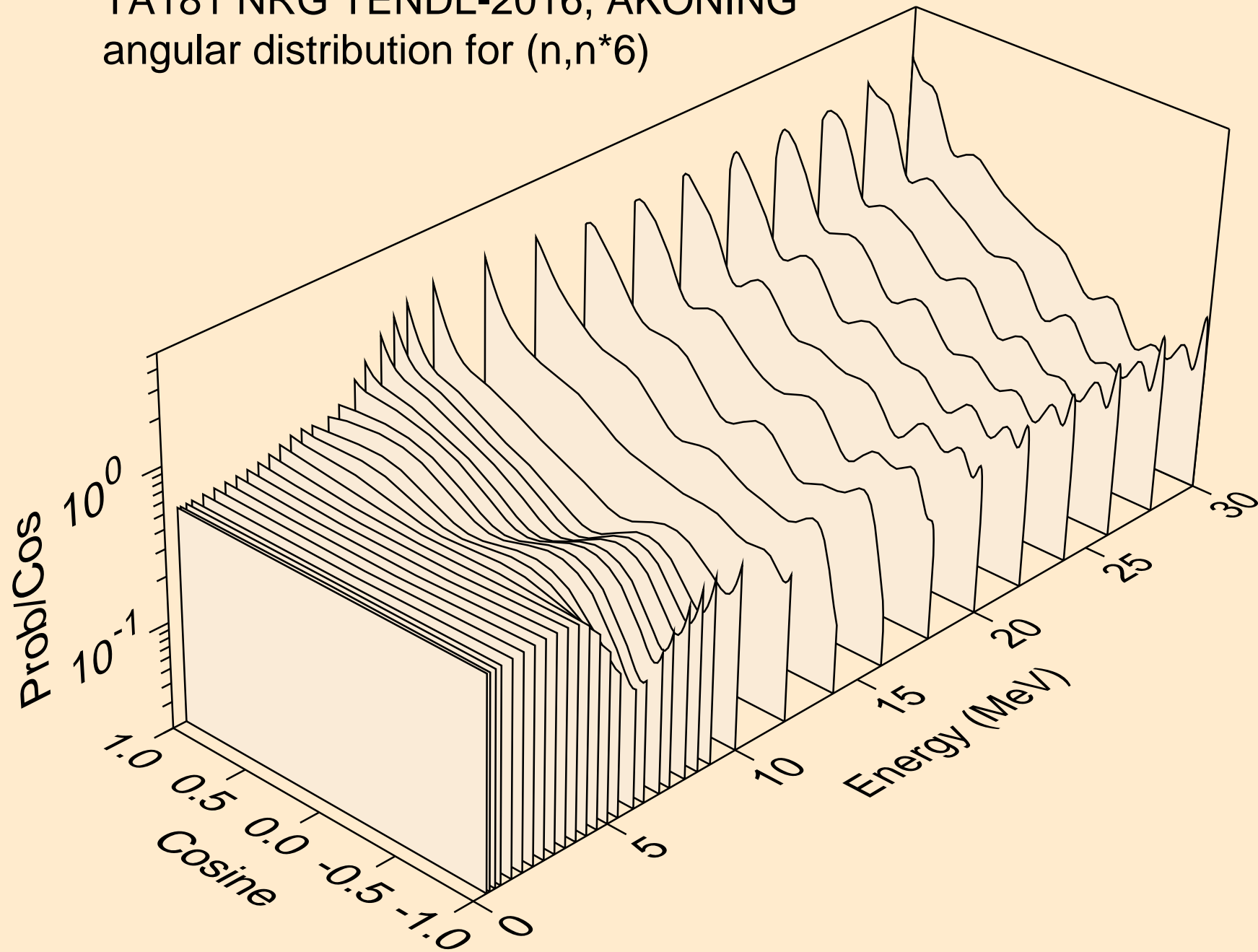




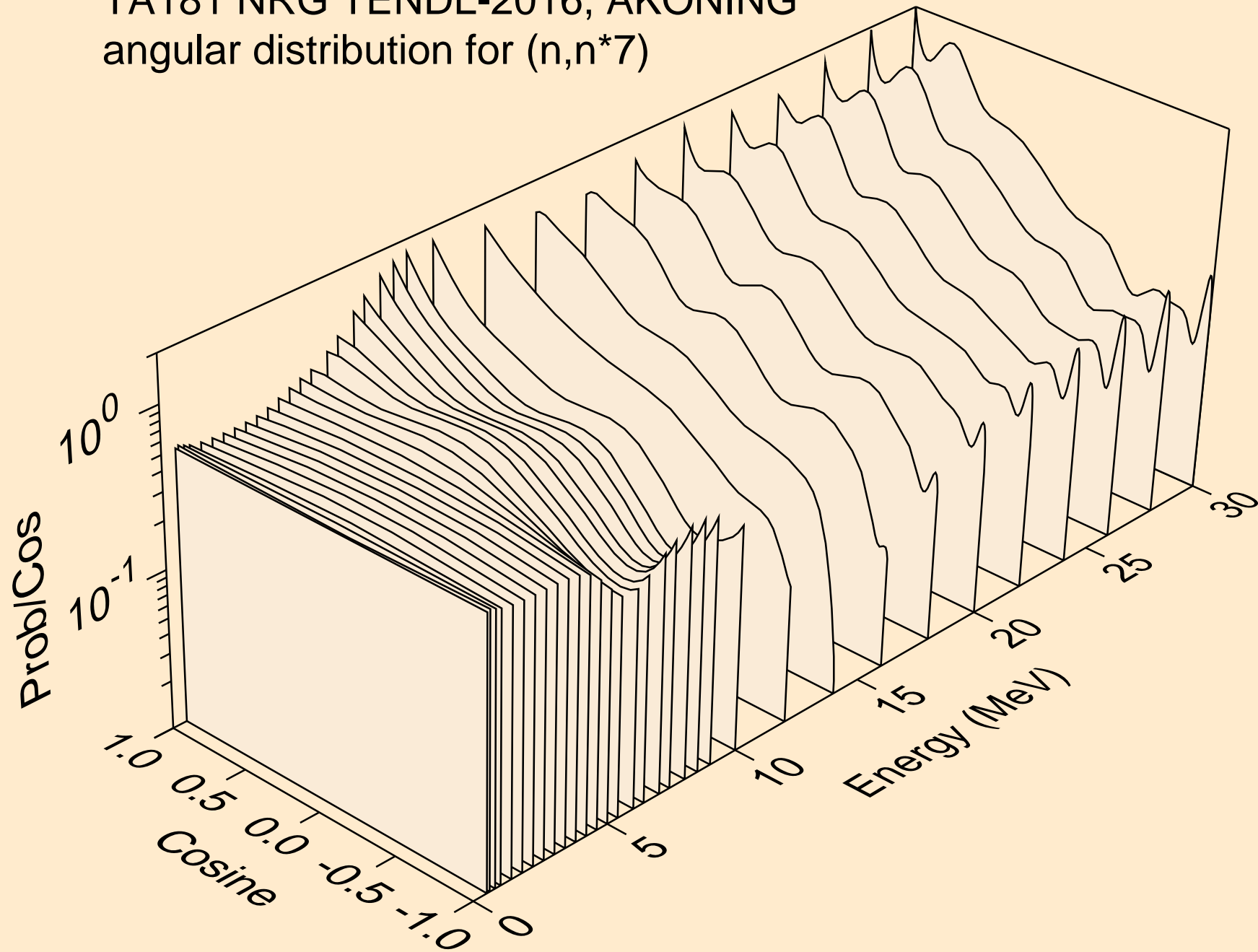
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*5)



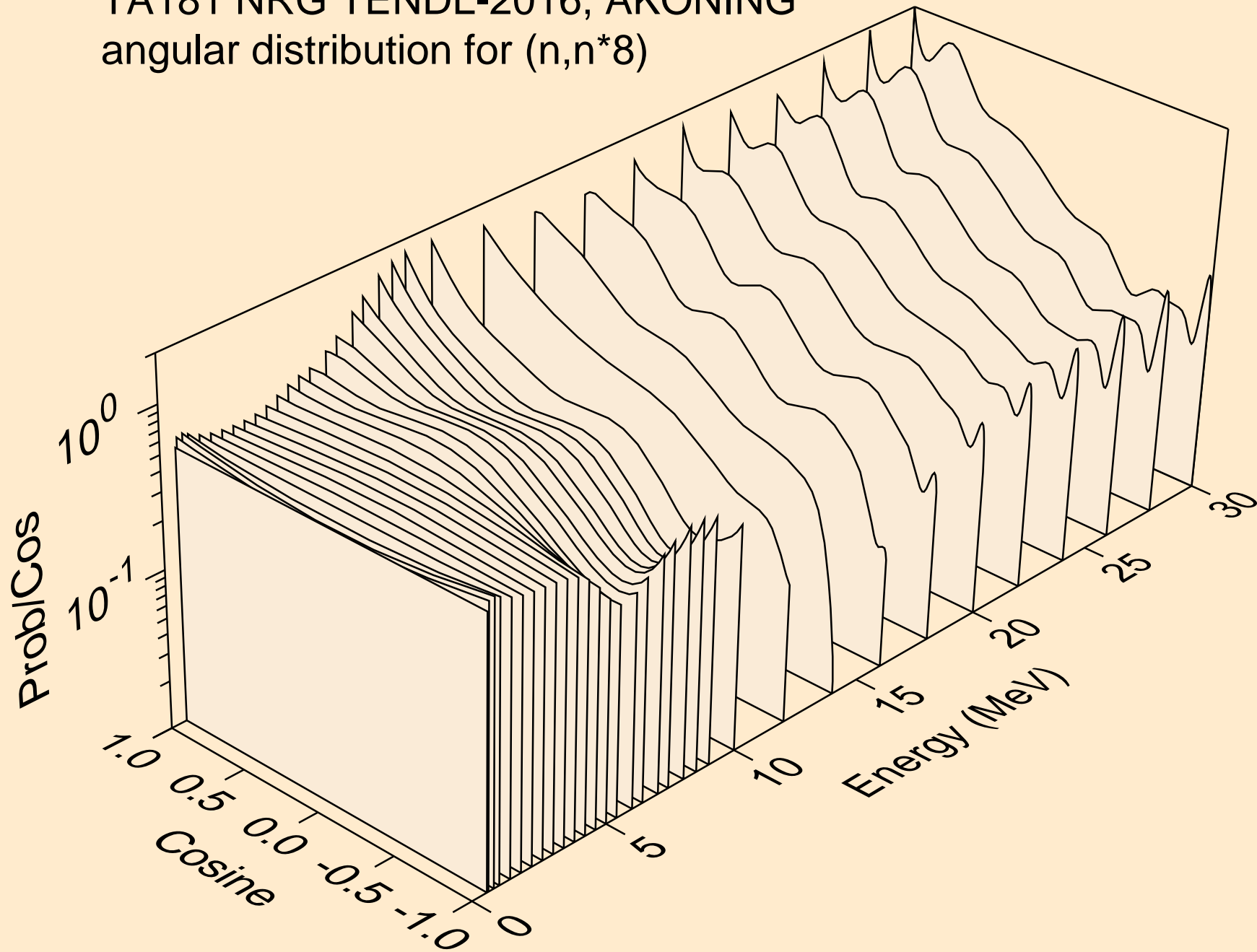
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*6)



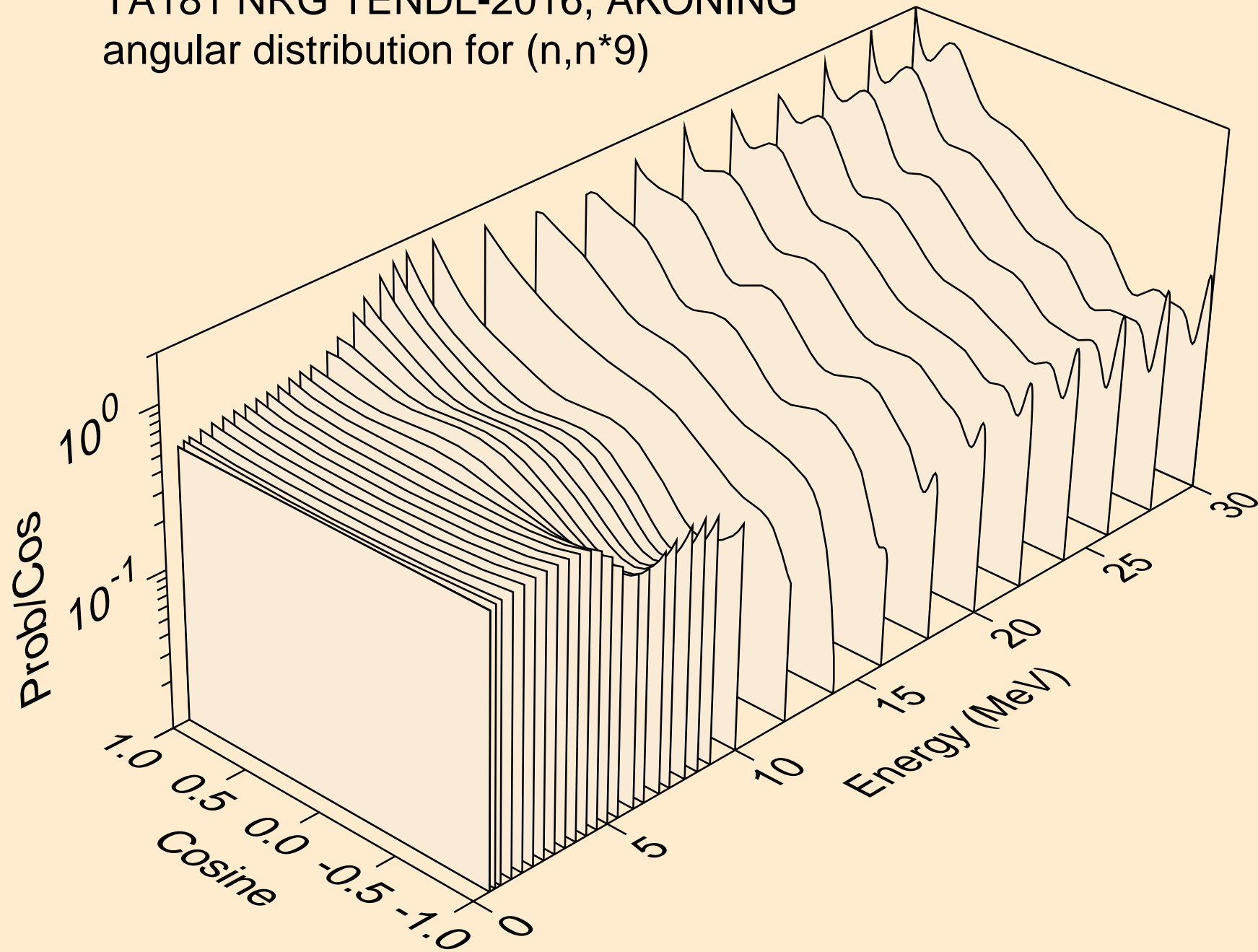
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*7)



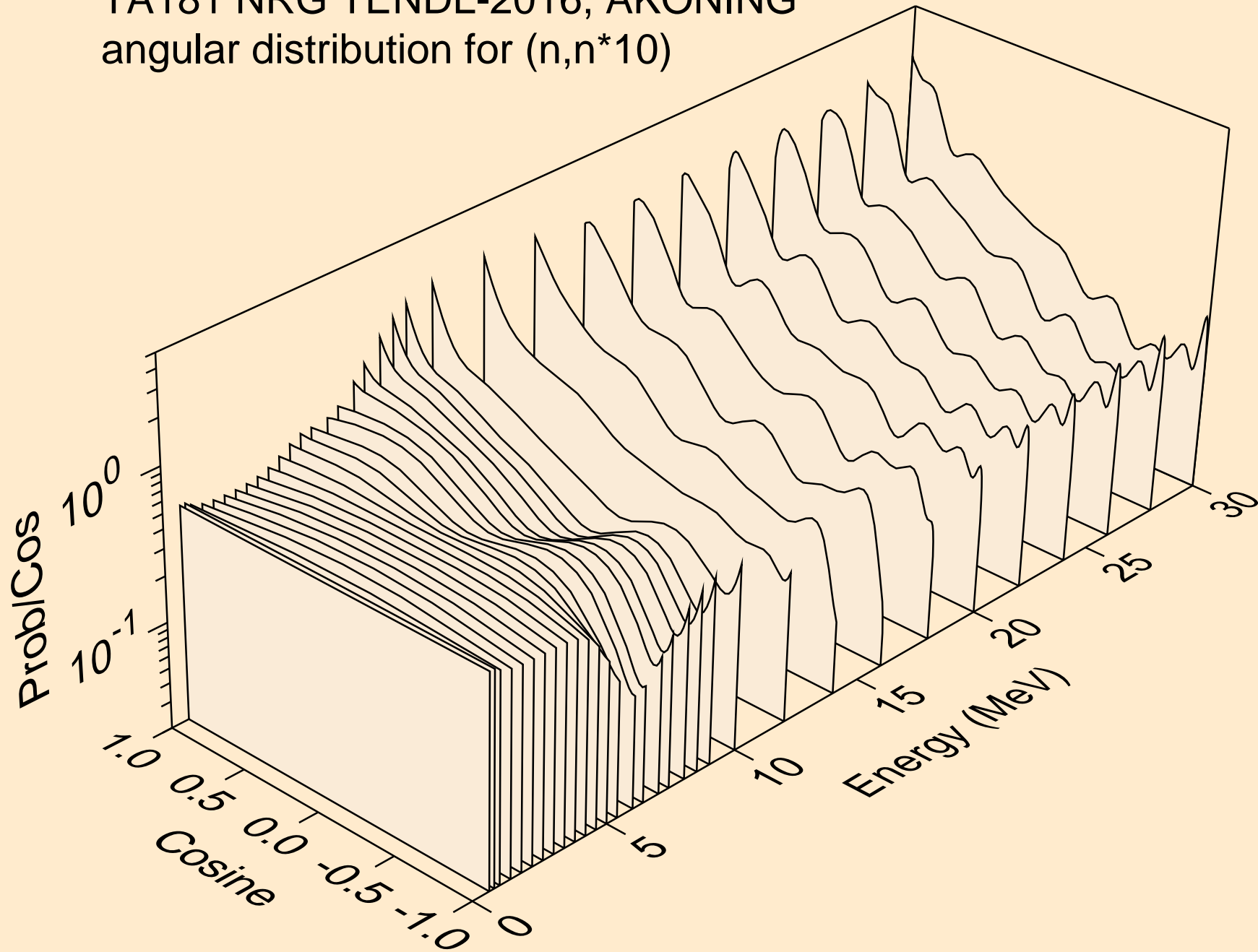
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*8)



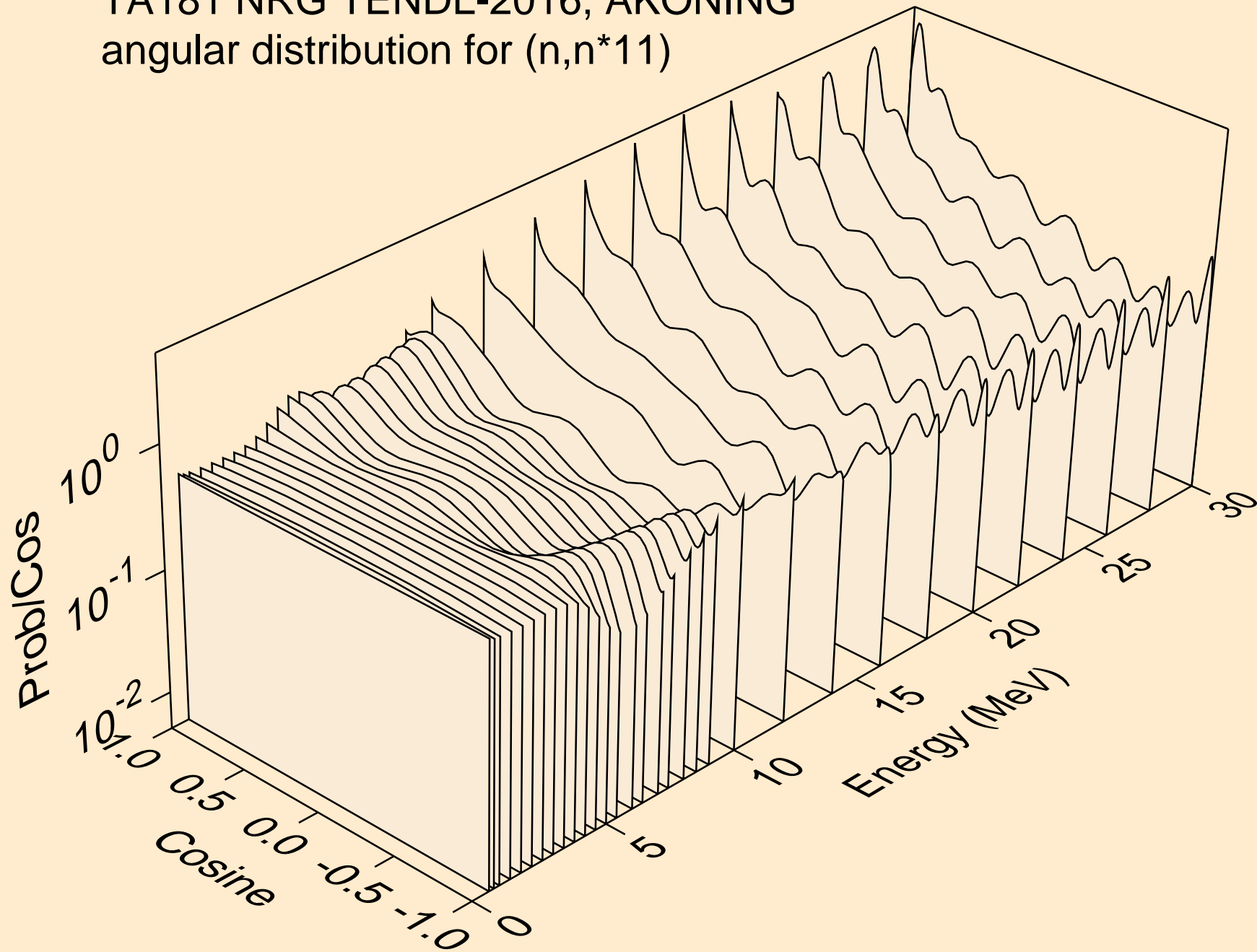
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*9)



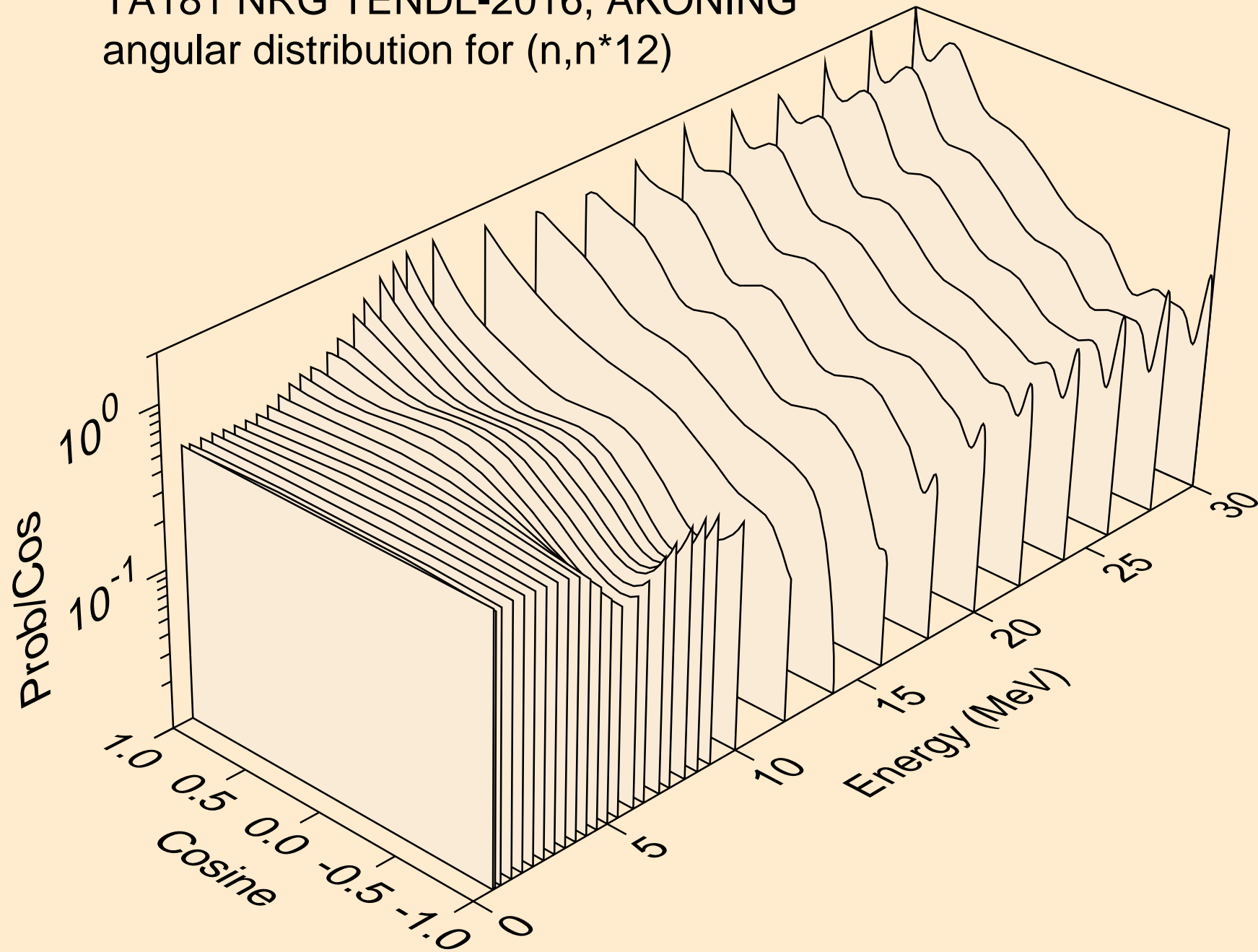
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*10)



TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*11)

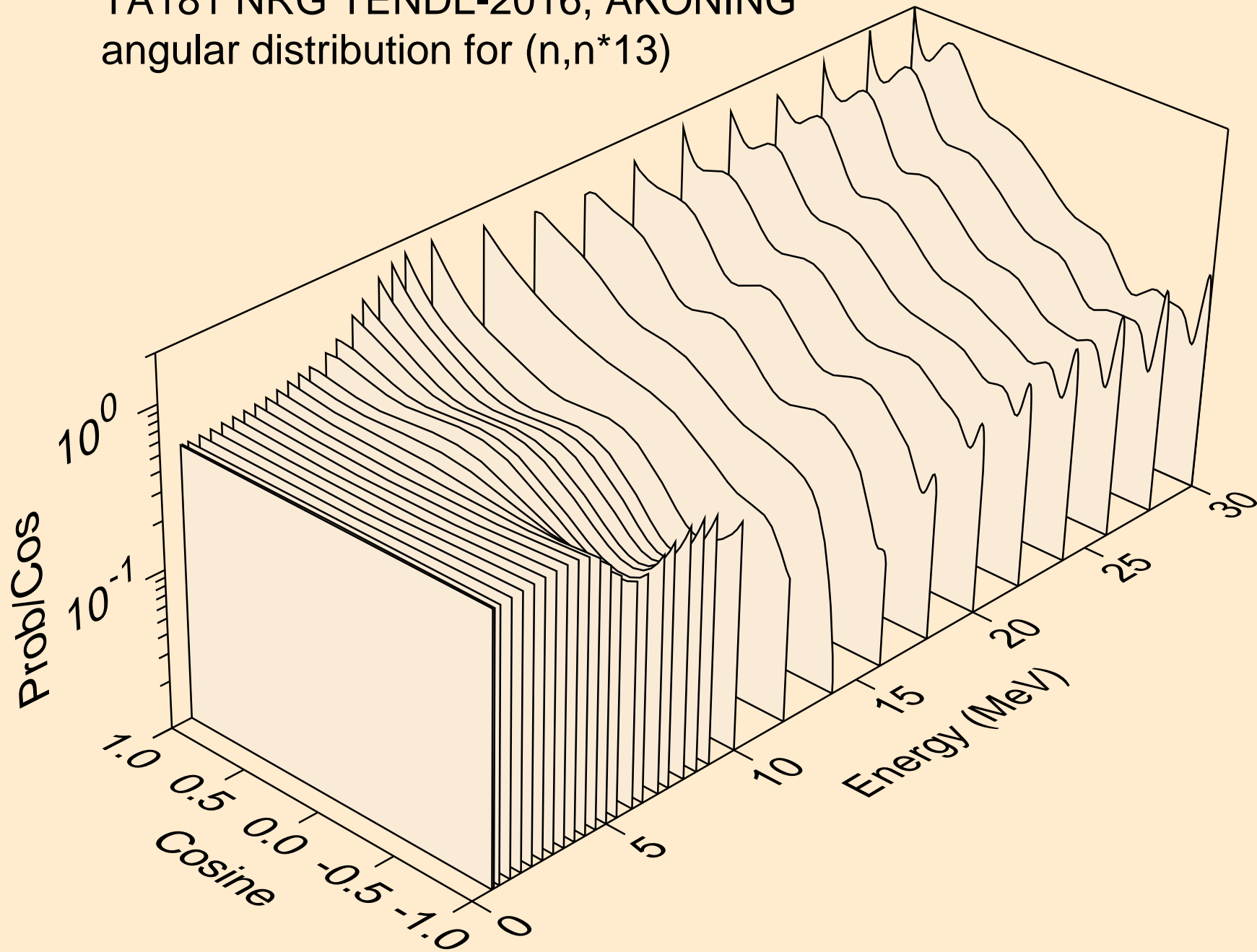


TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*12)

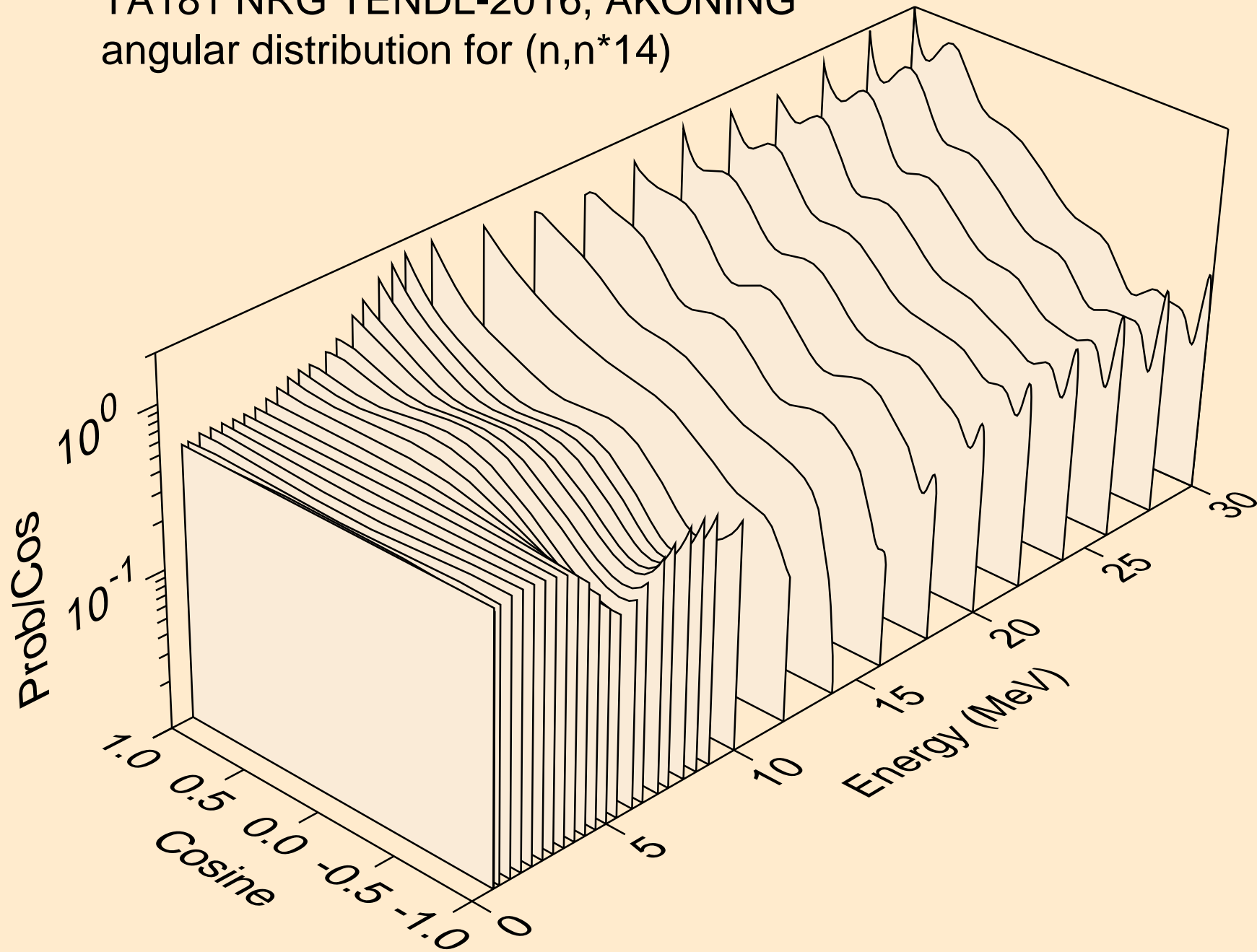




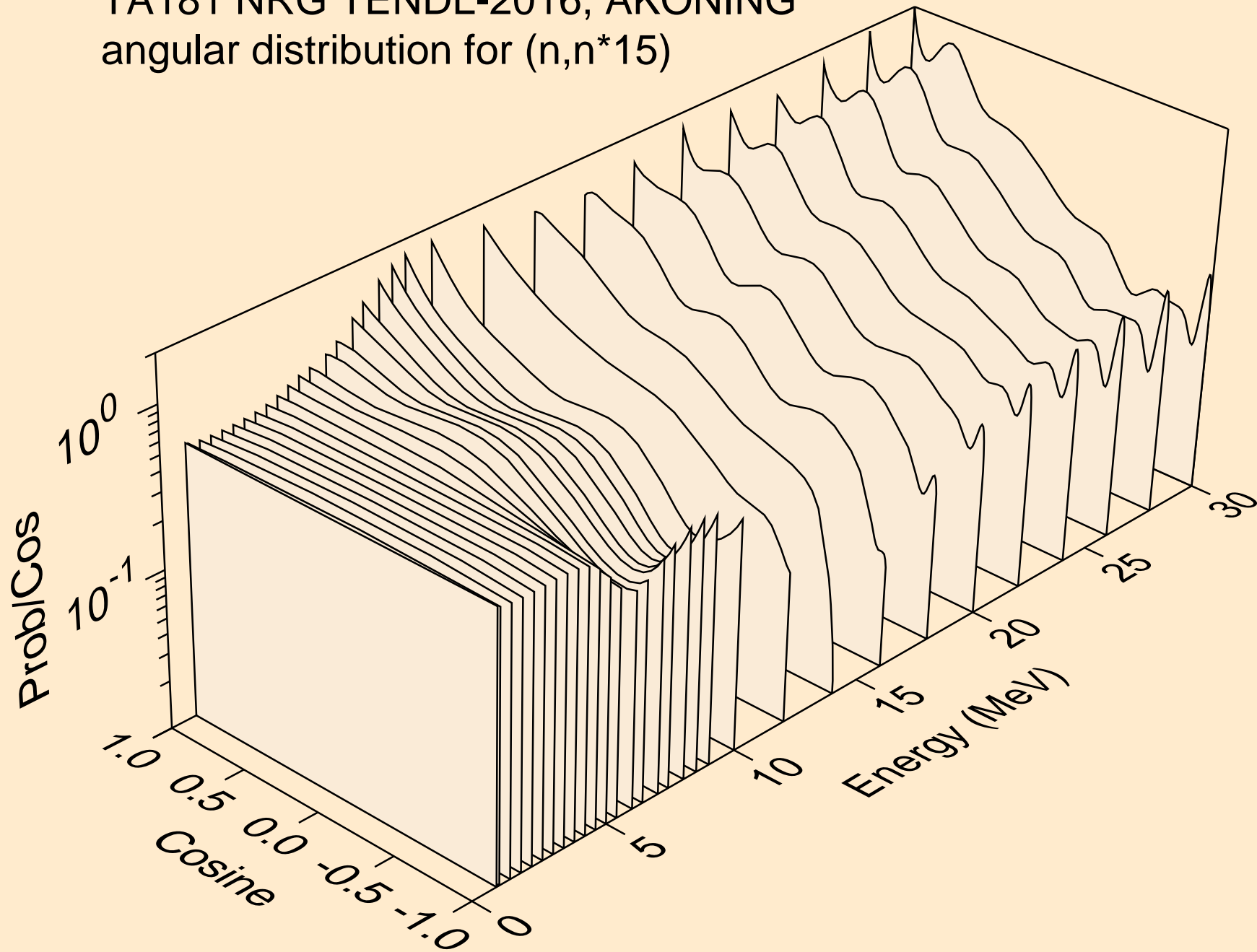
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*13)



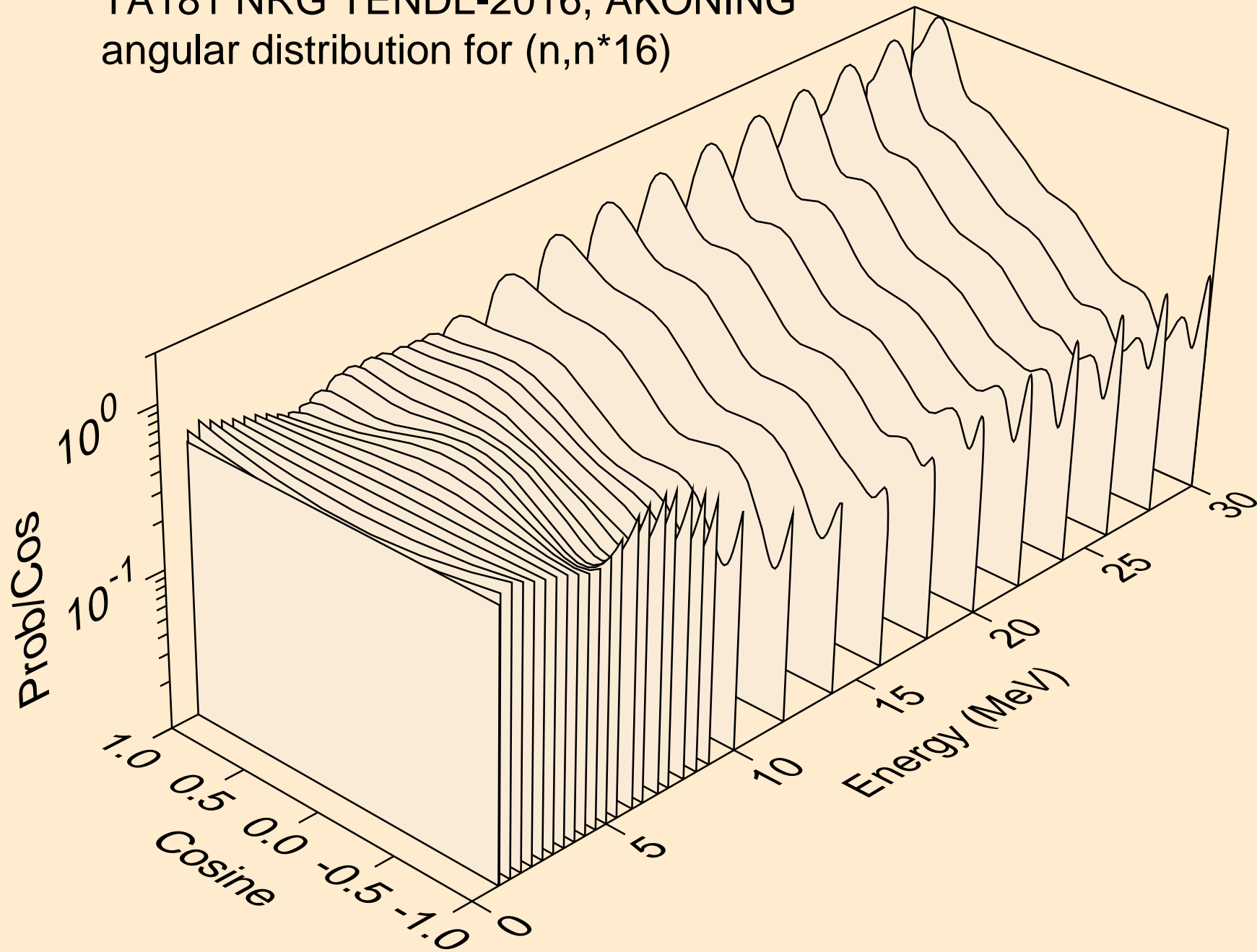
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*14)



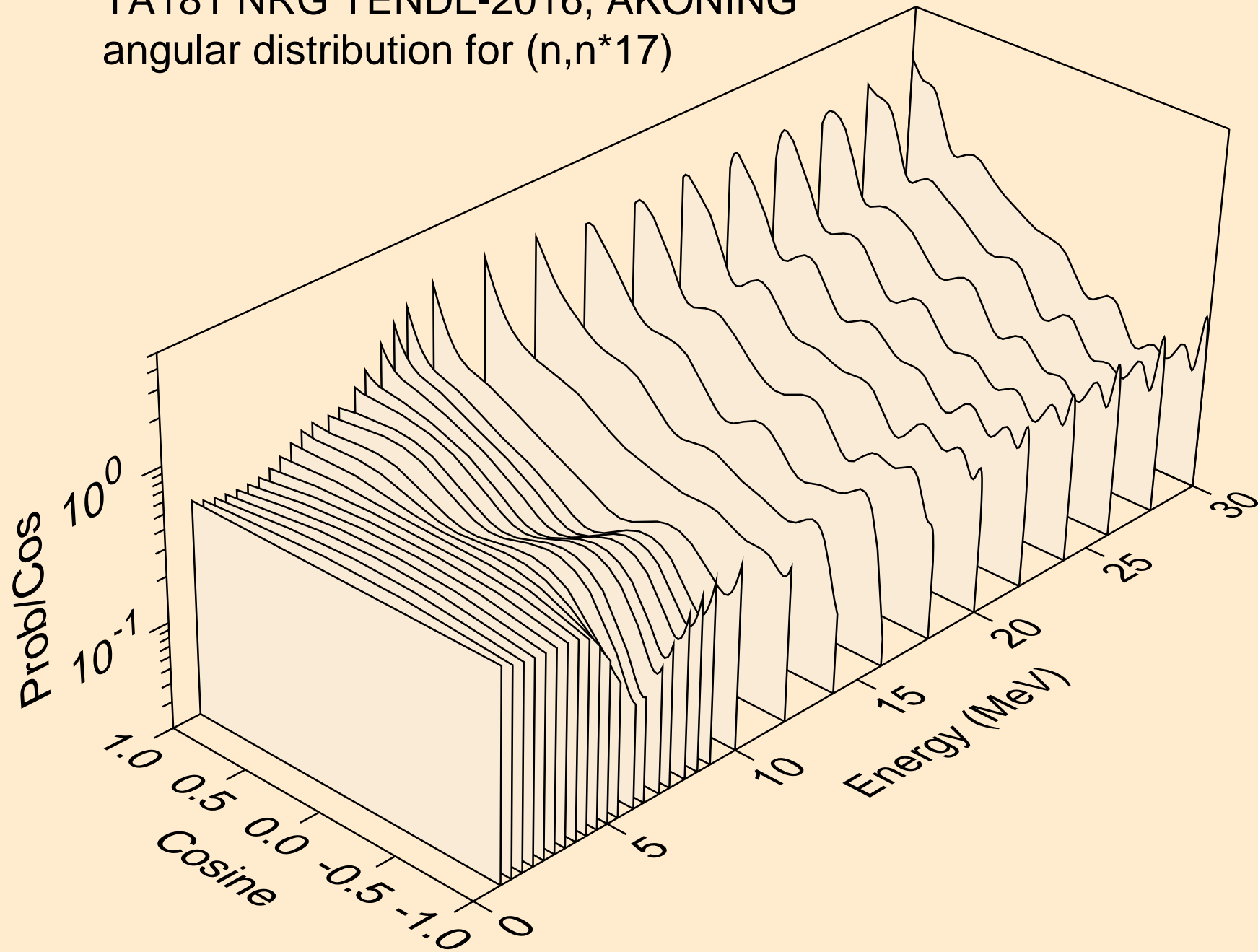
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*15)



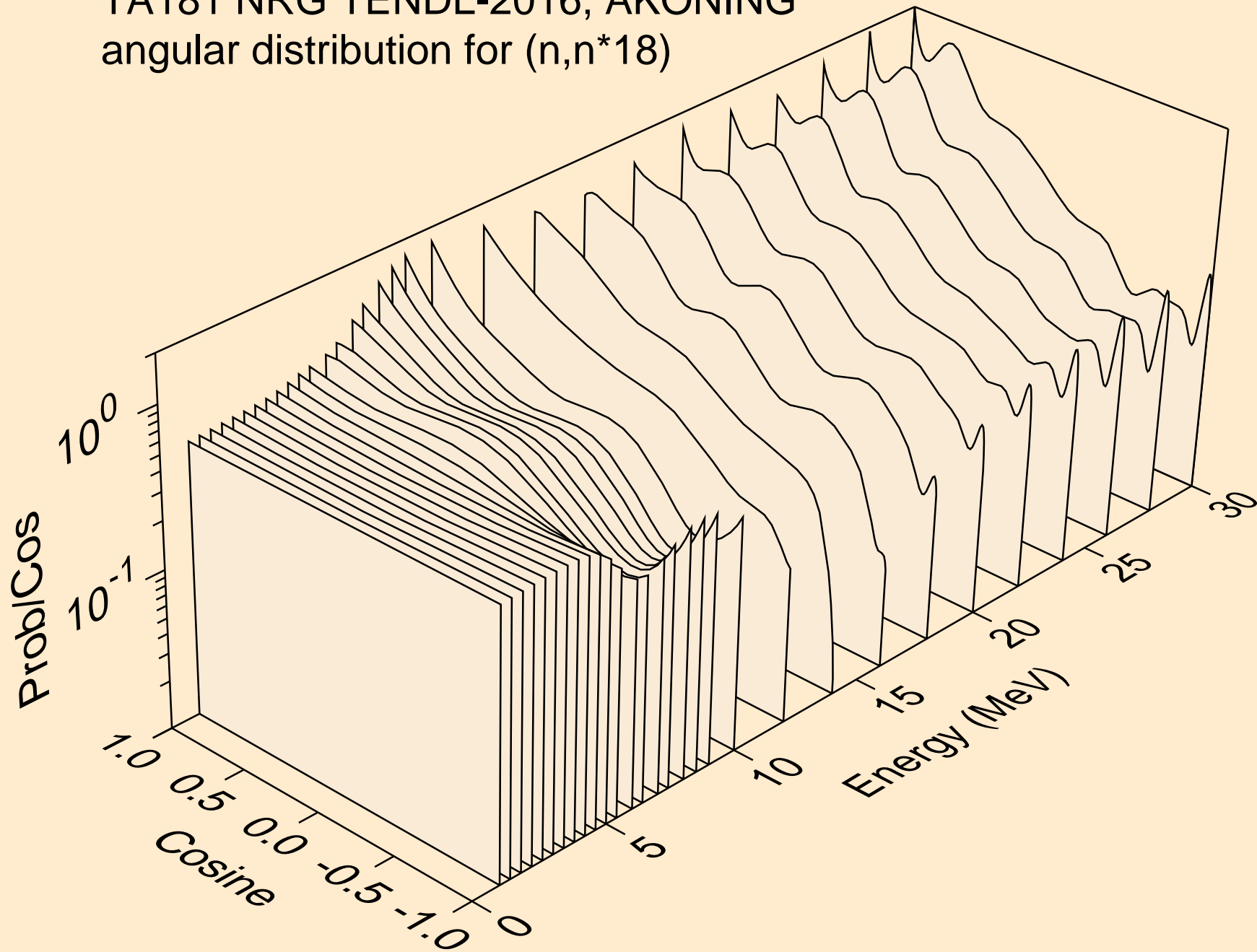
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*16)



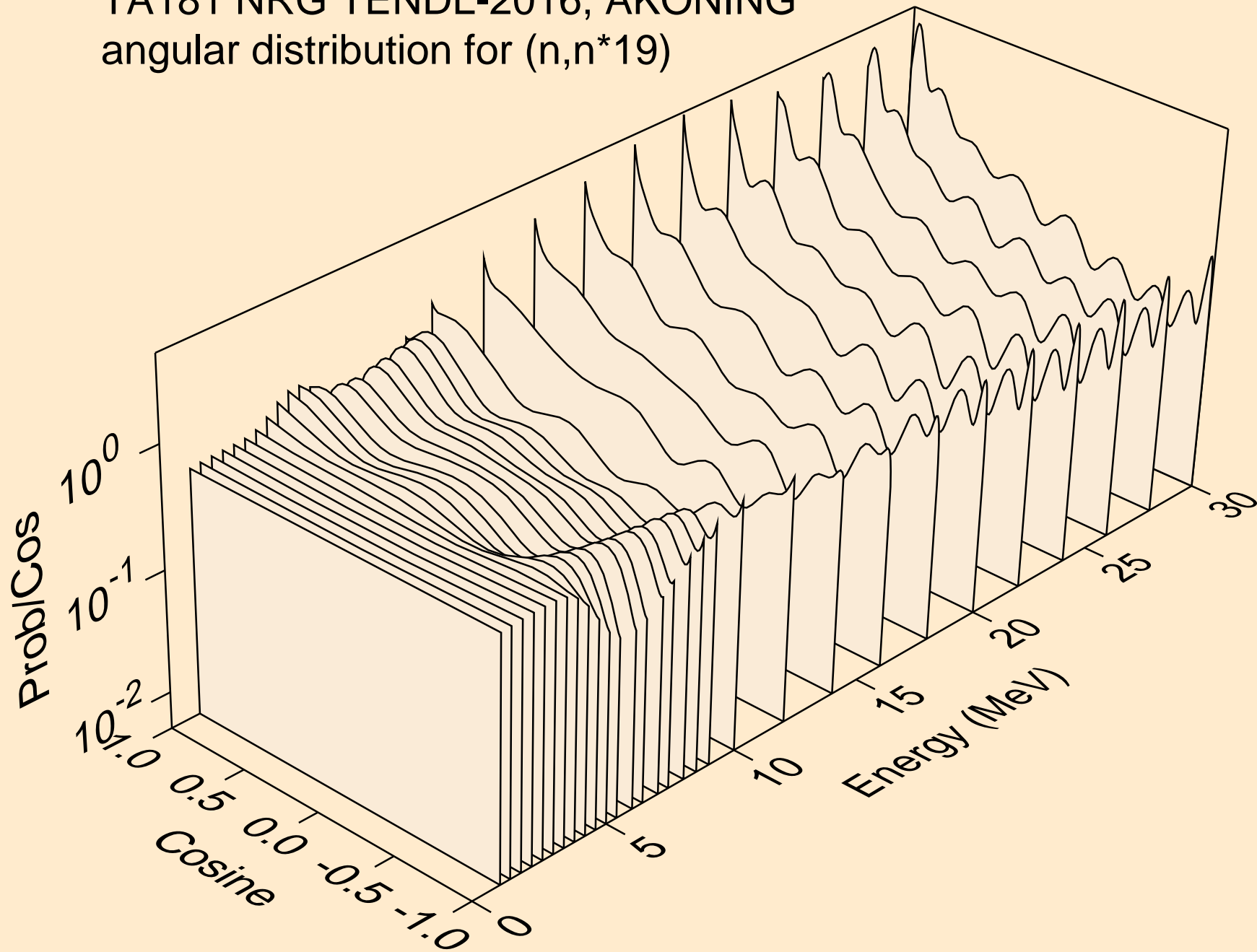
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*17)



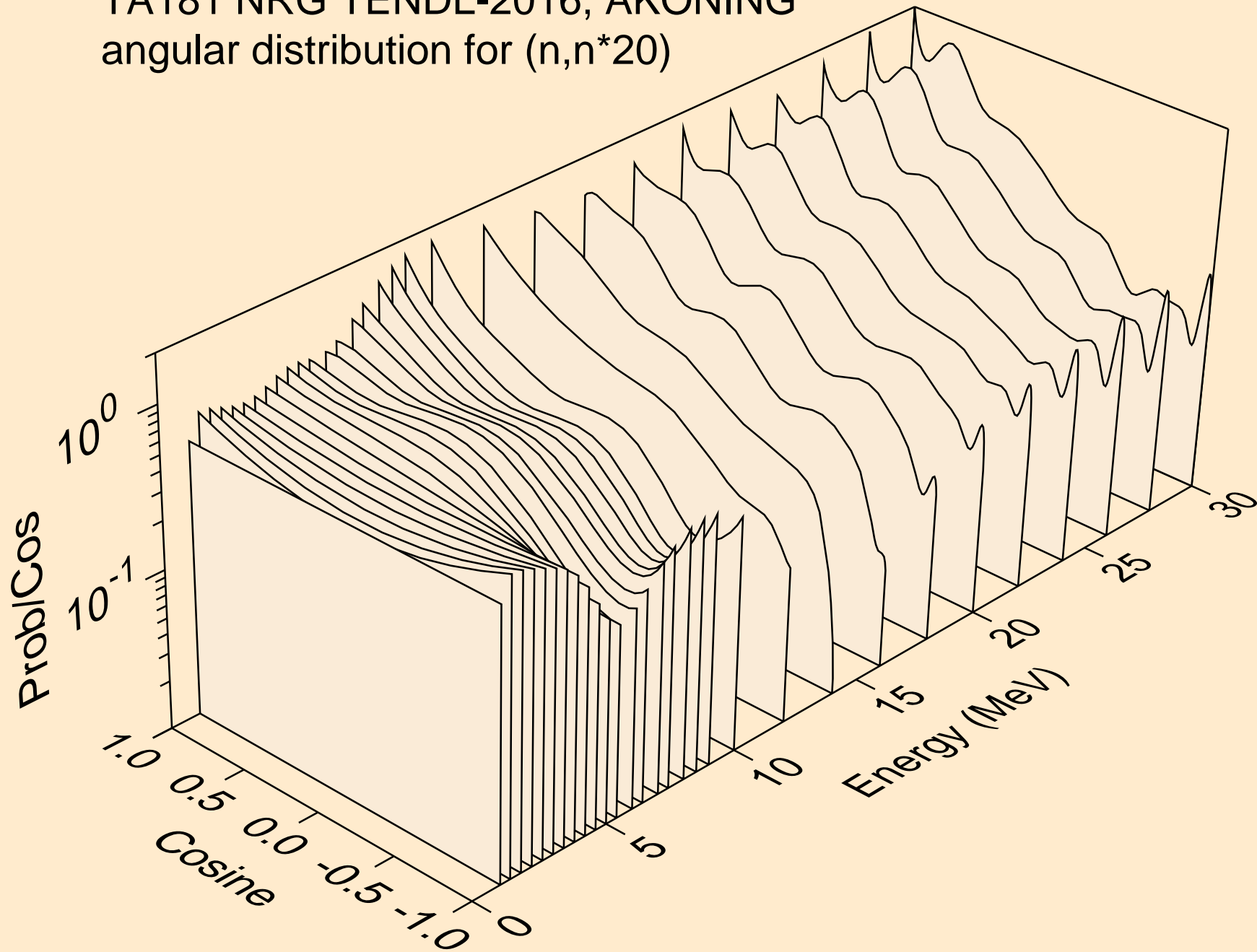
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*18)



TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*19)

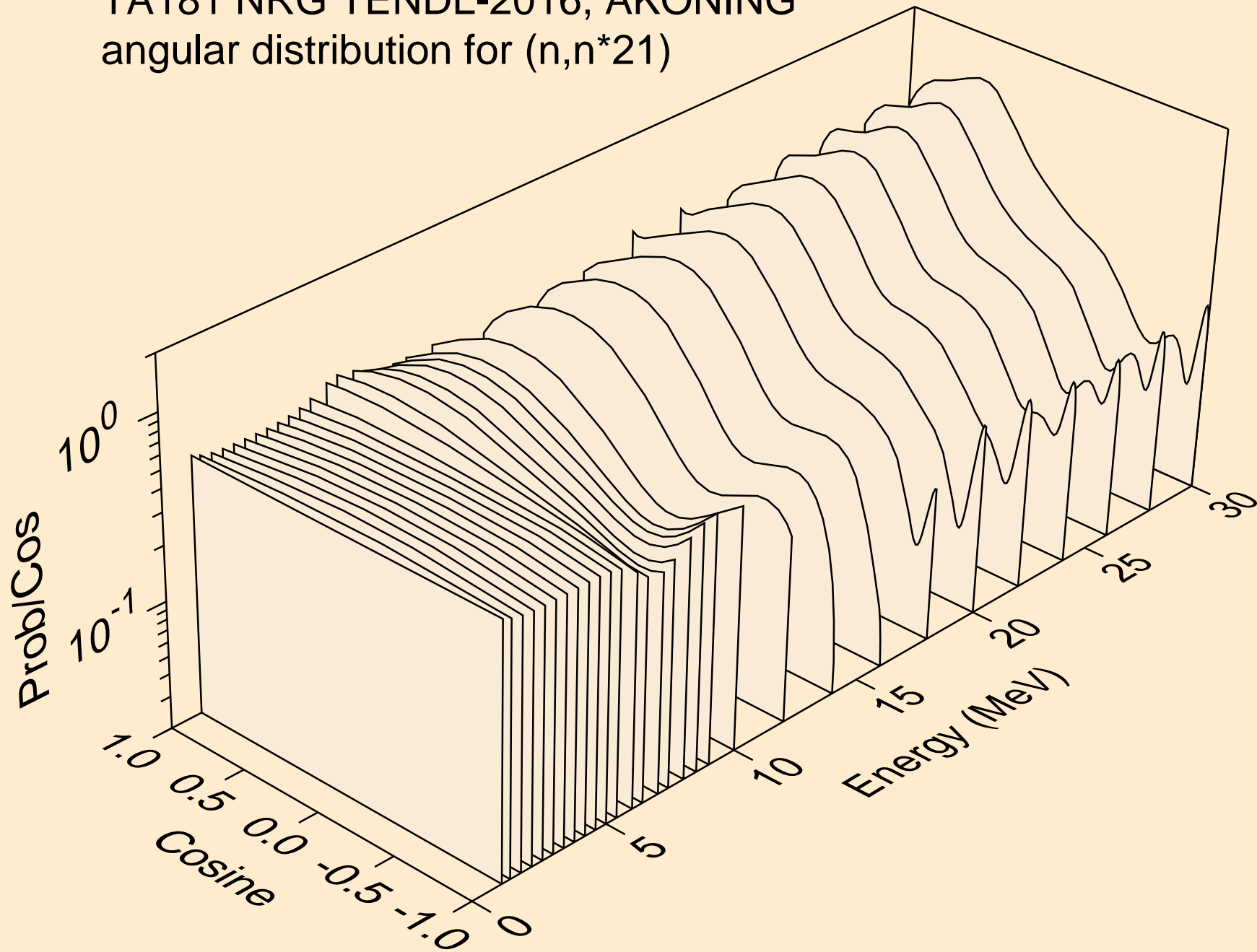


TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*20)

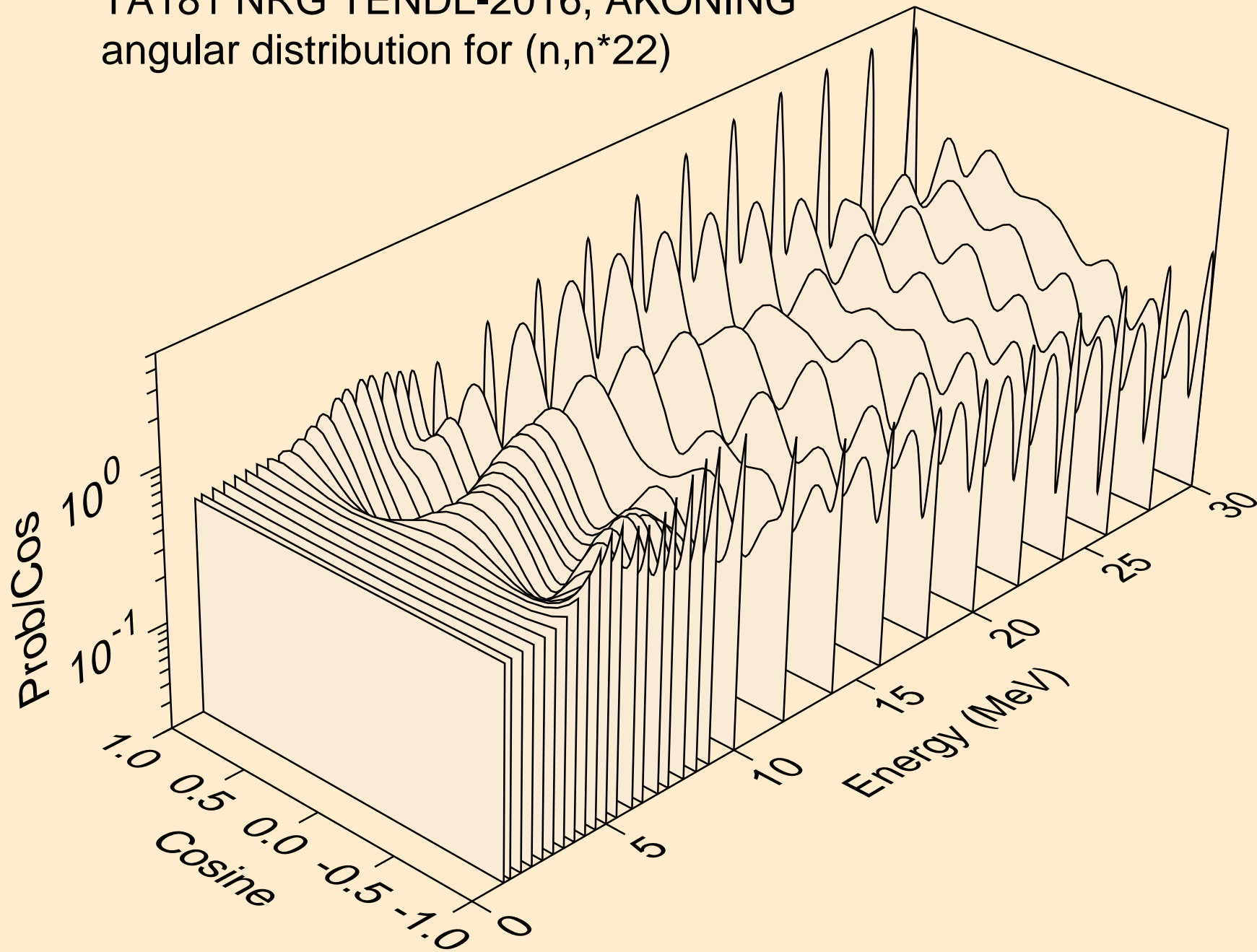




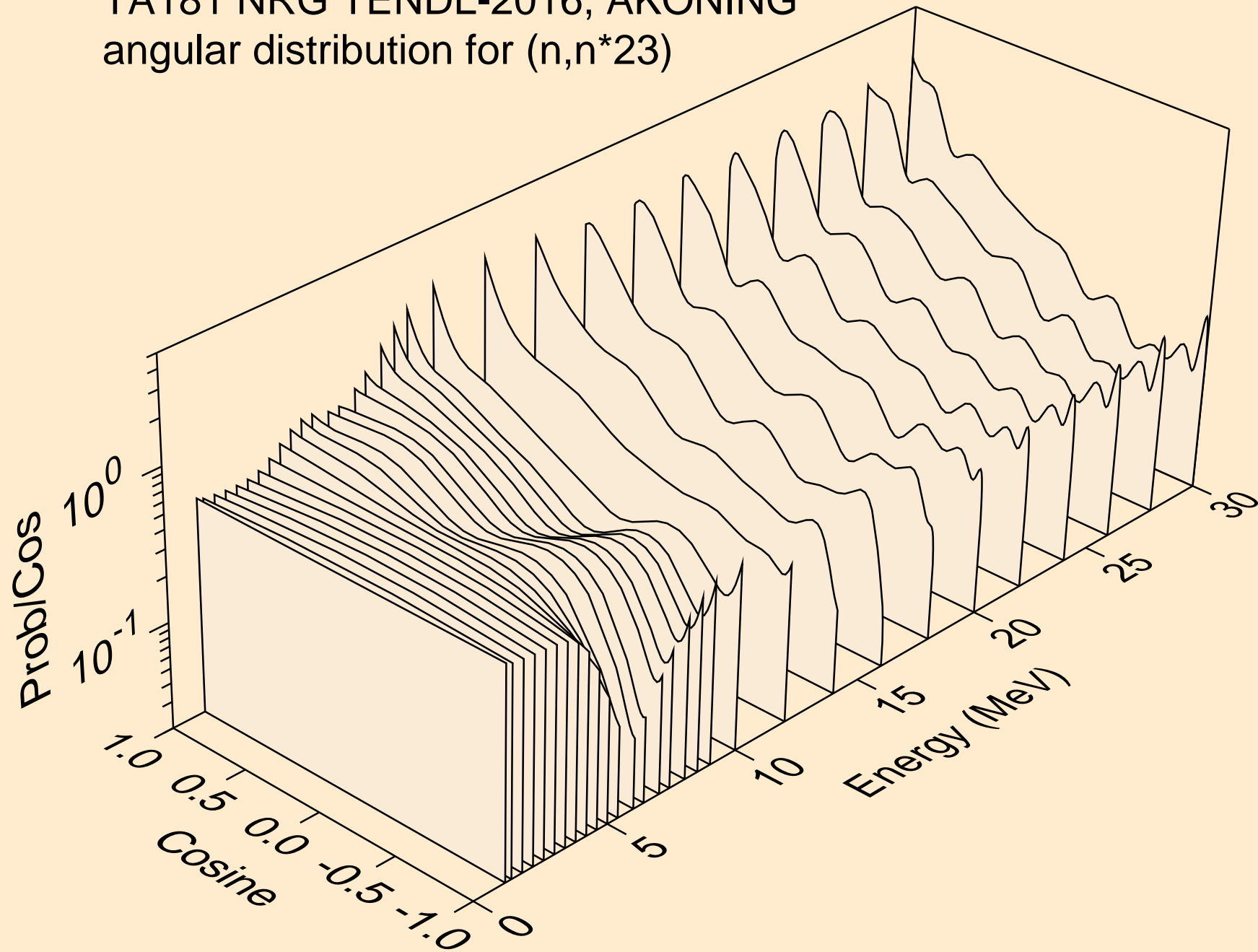
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*21)



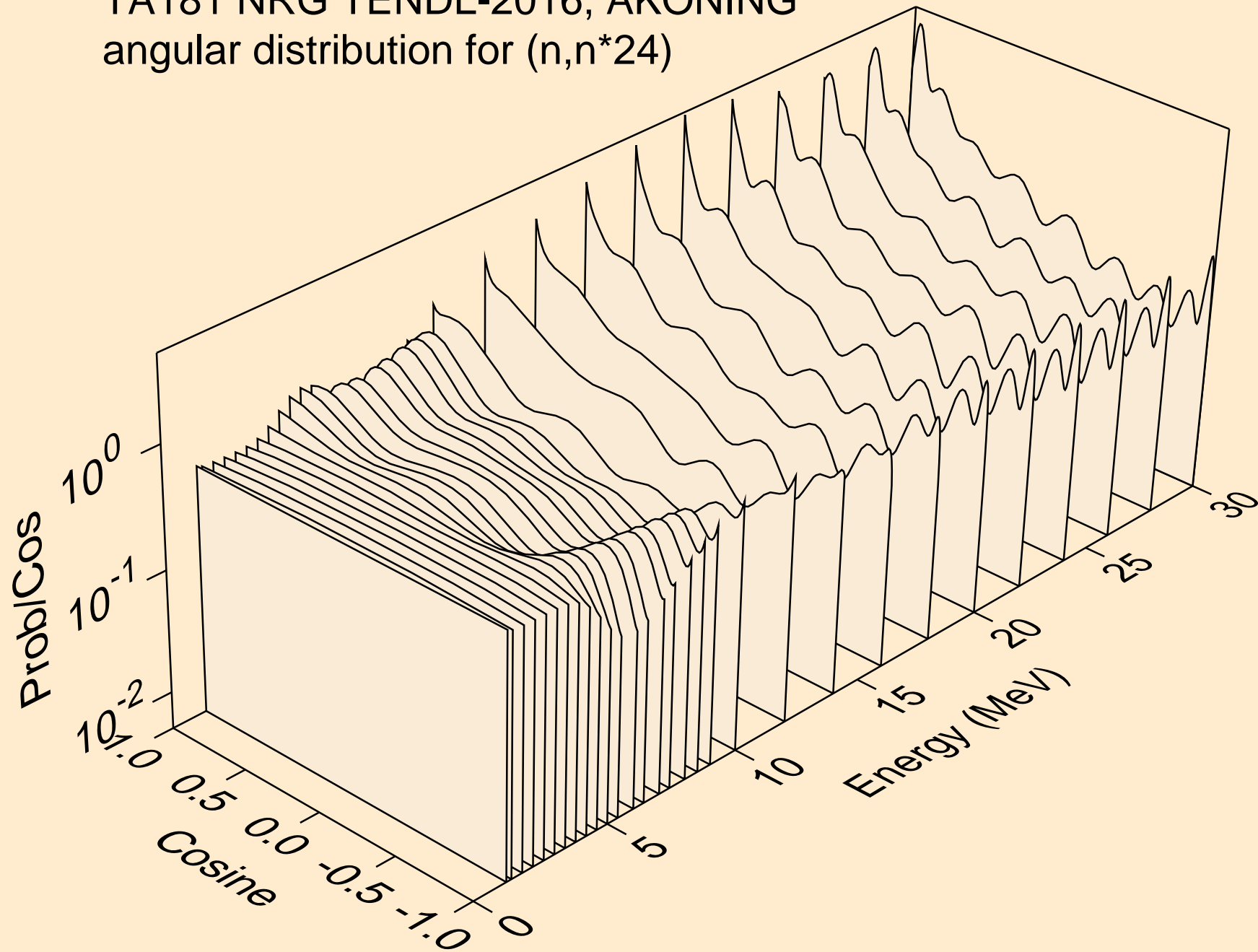
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*22)



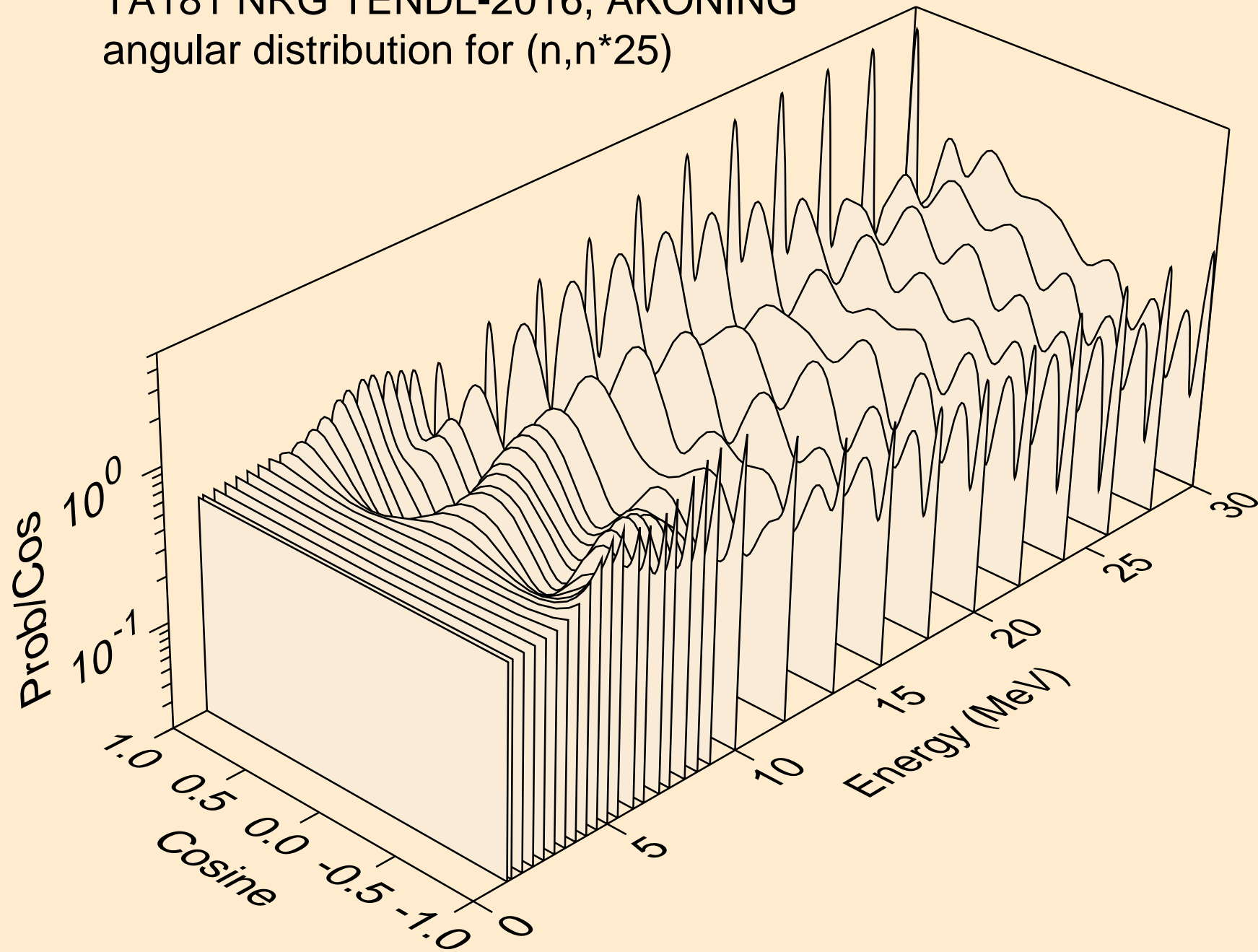
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*23)



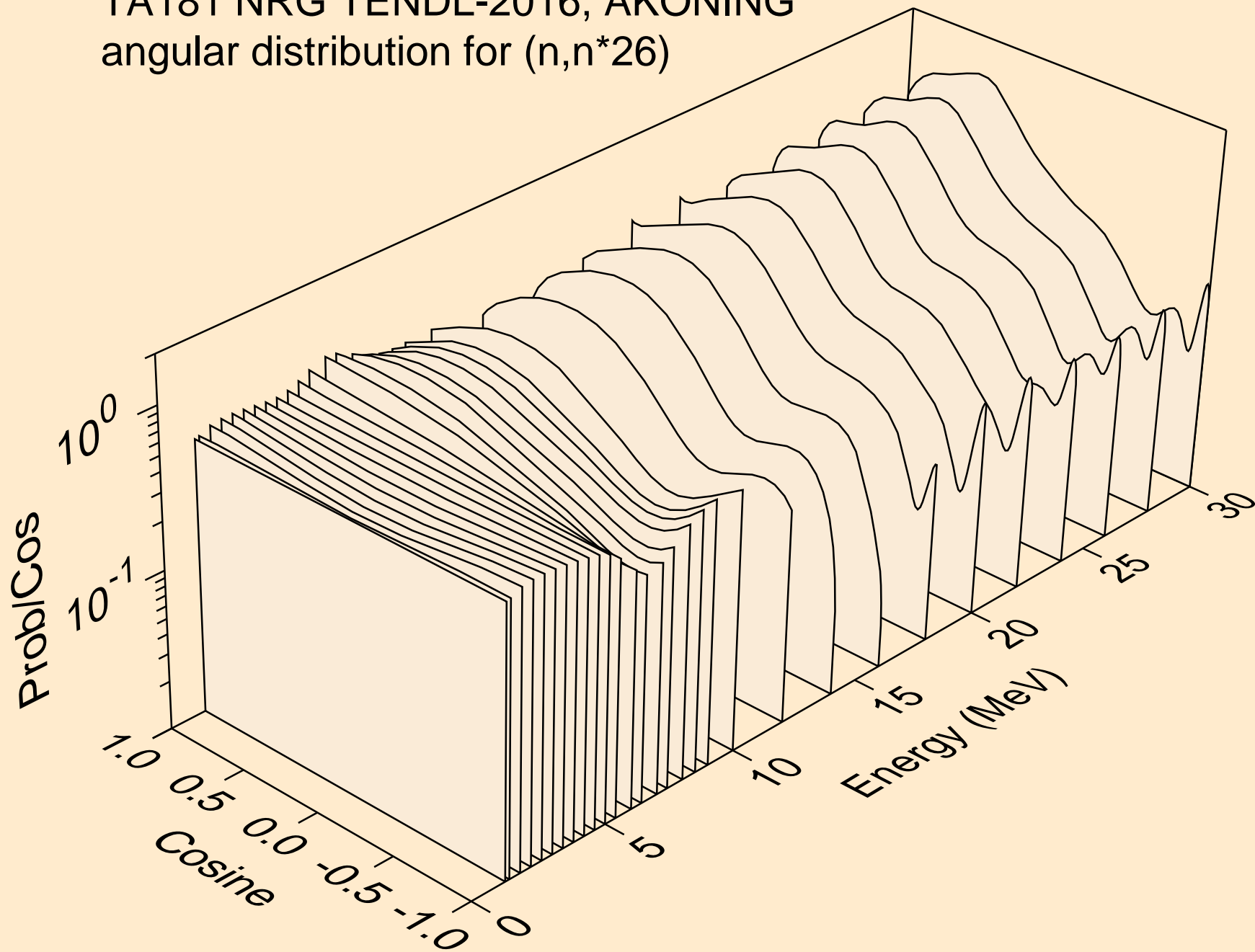
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*24)



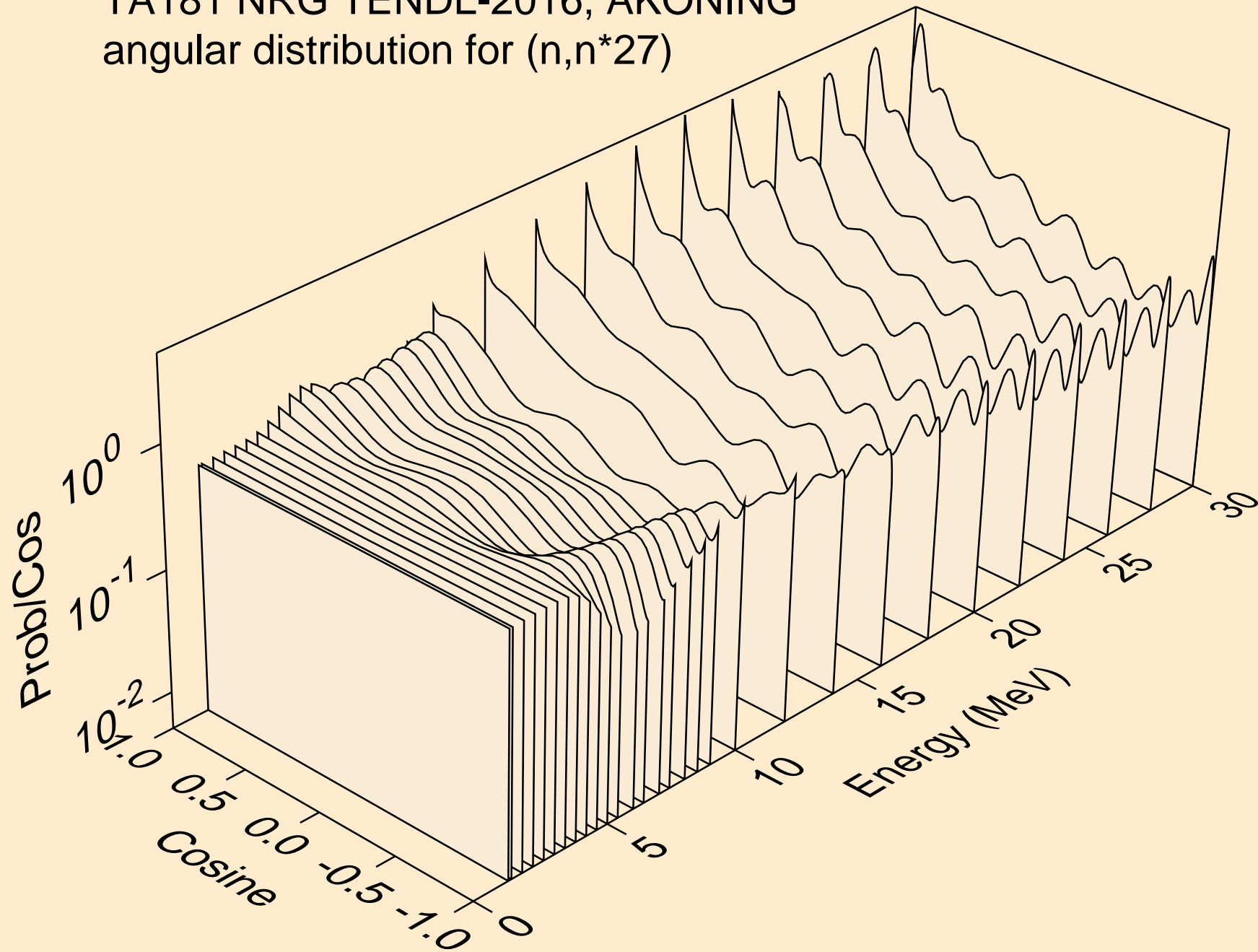
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*25)



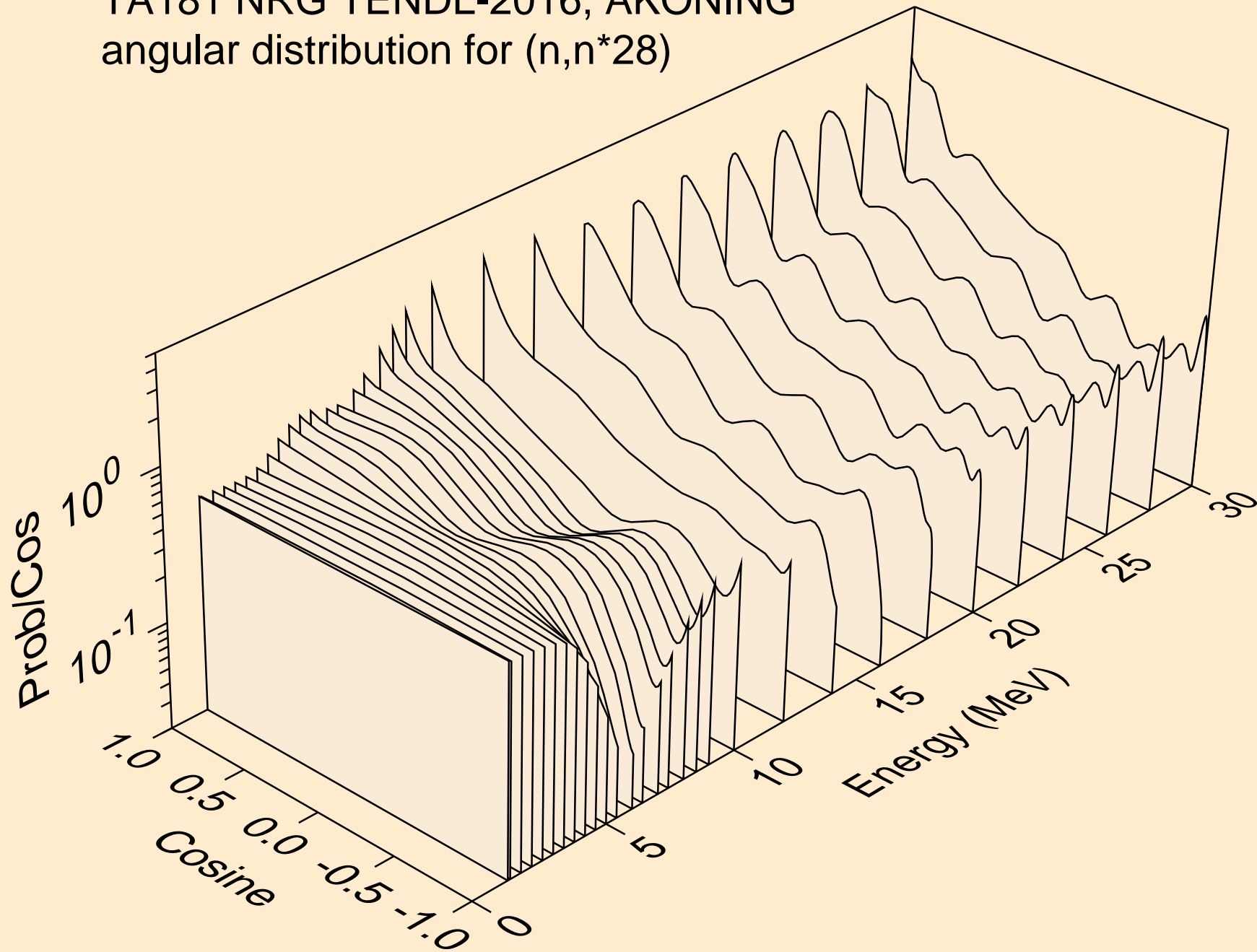
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*26)



TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*27)

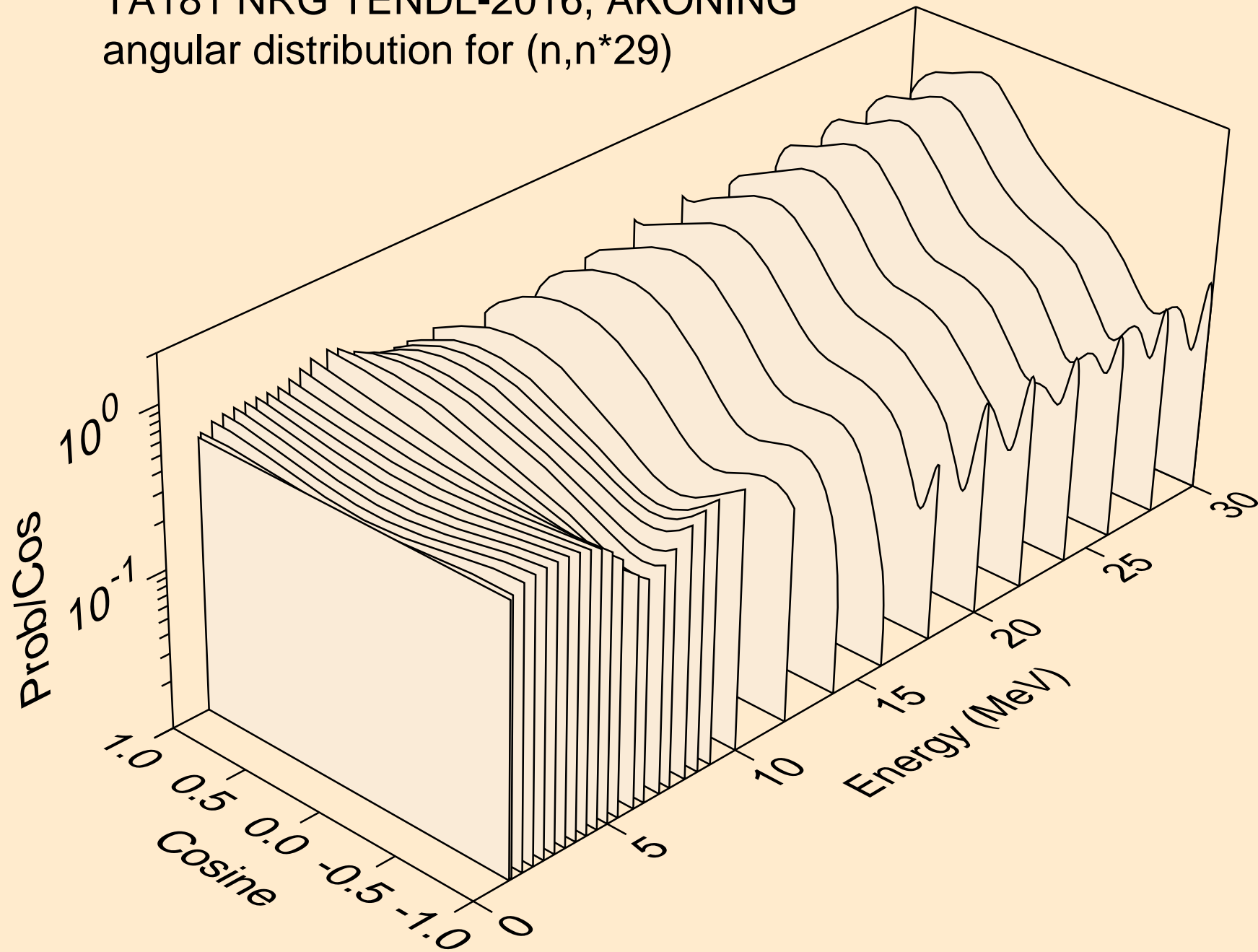


TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*28)

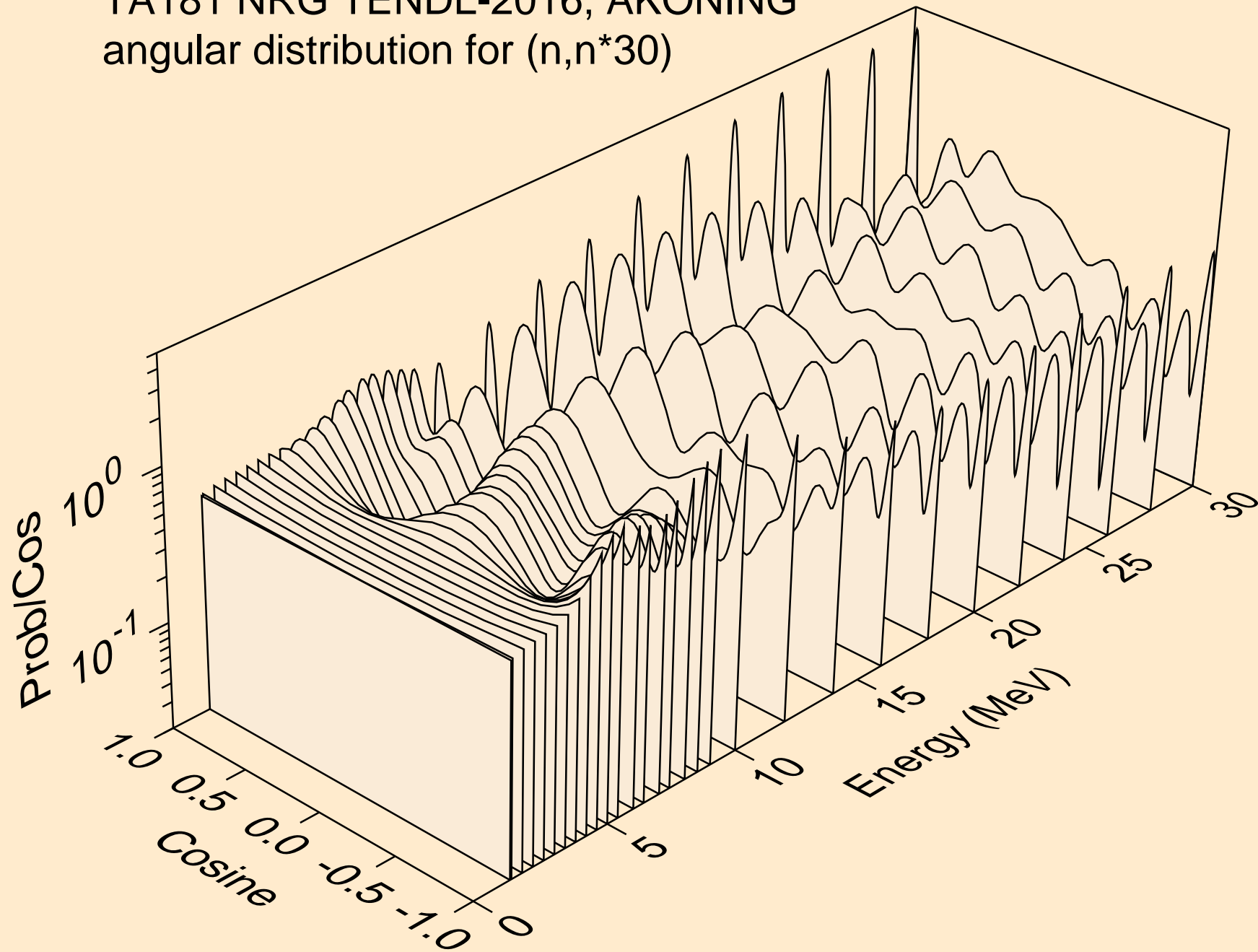




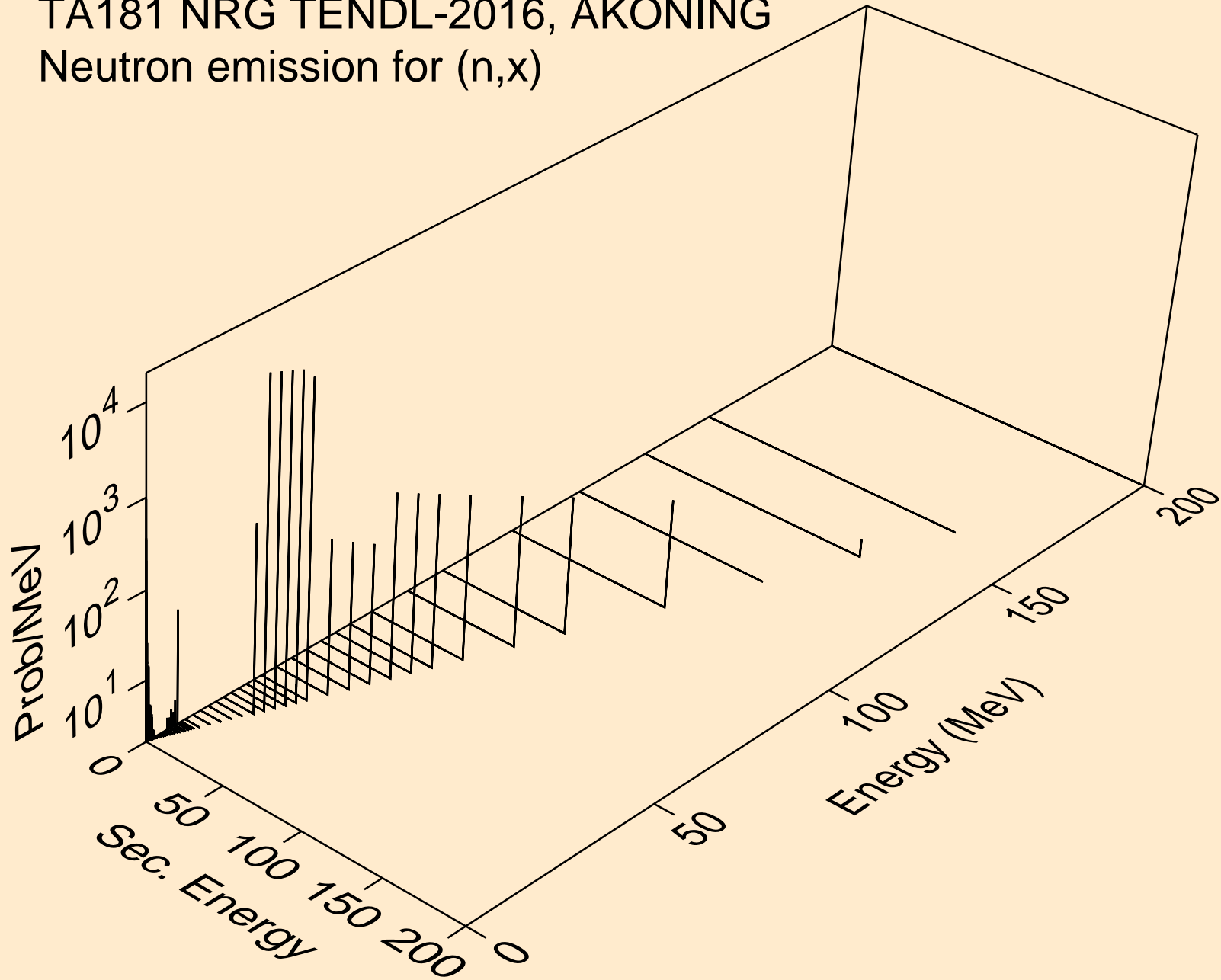
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*29)



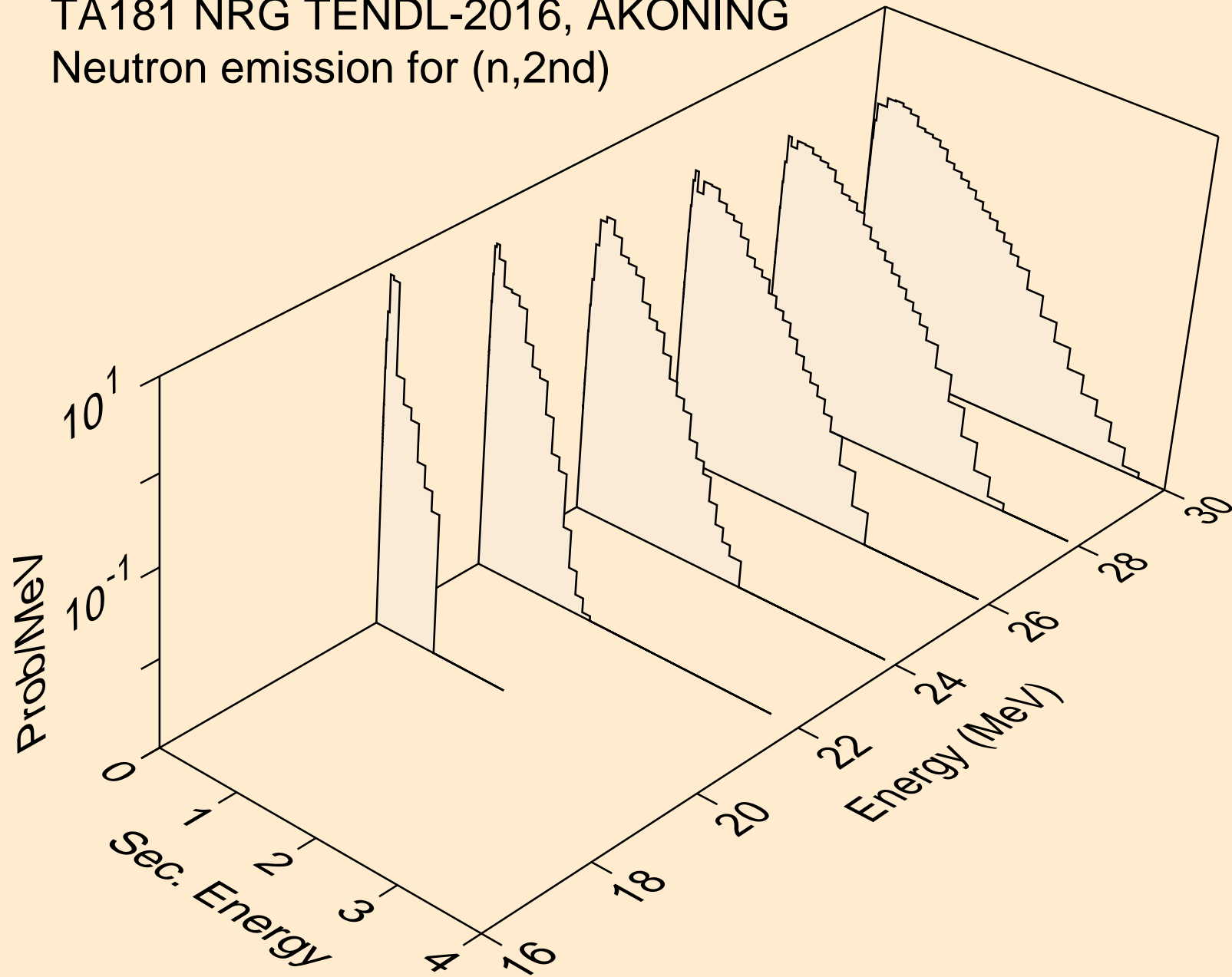
TA181 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*30)



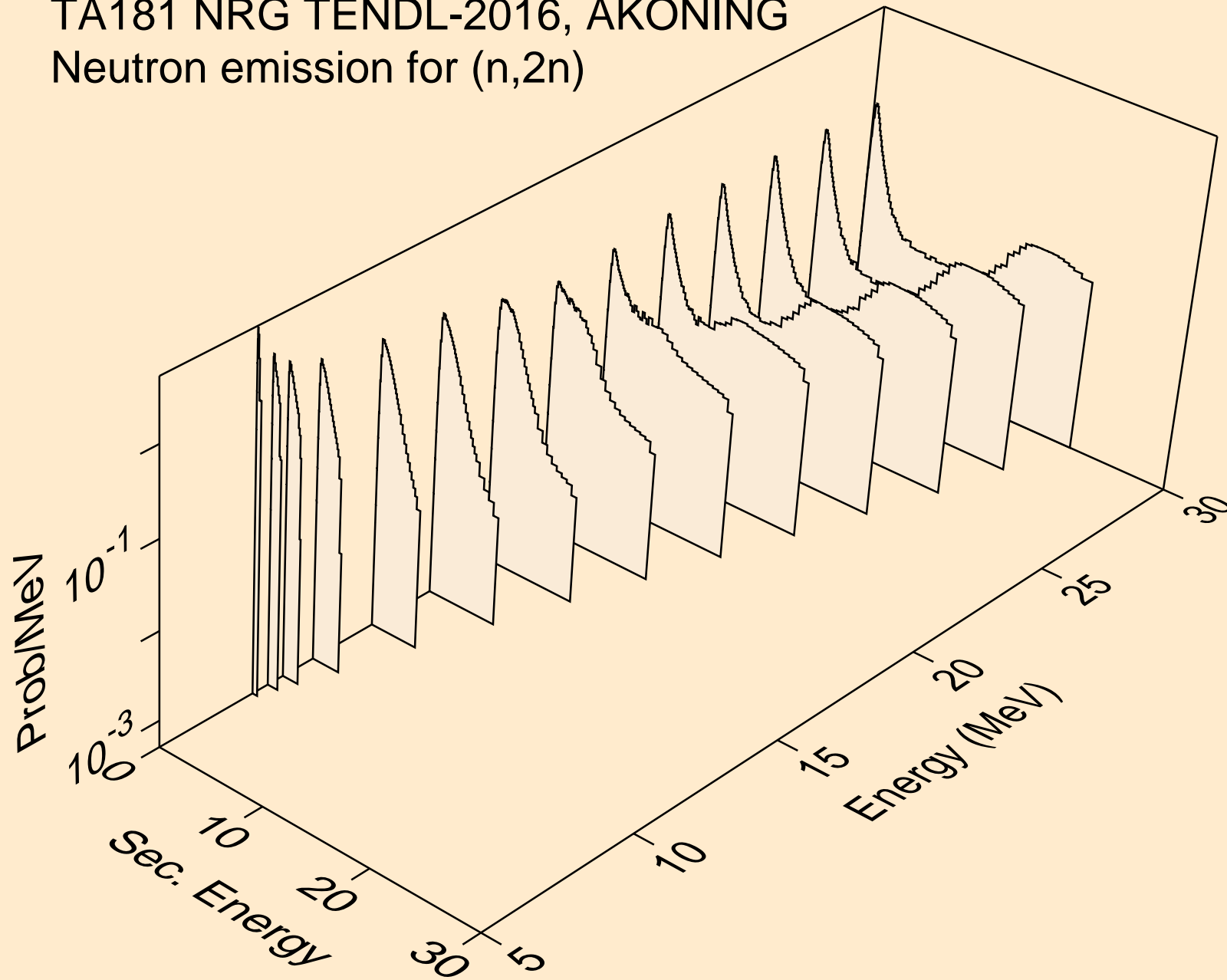
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,x)



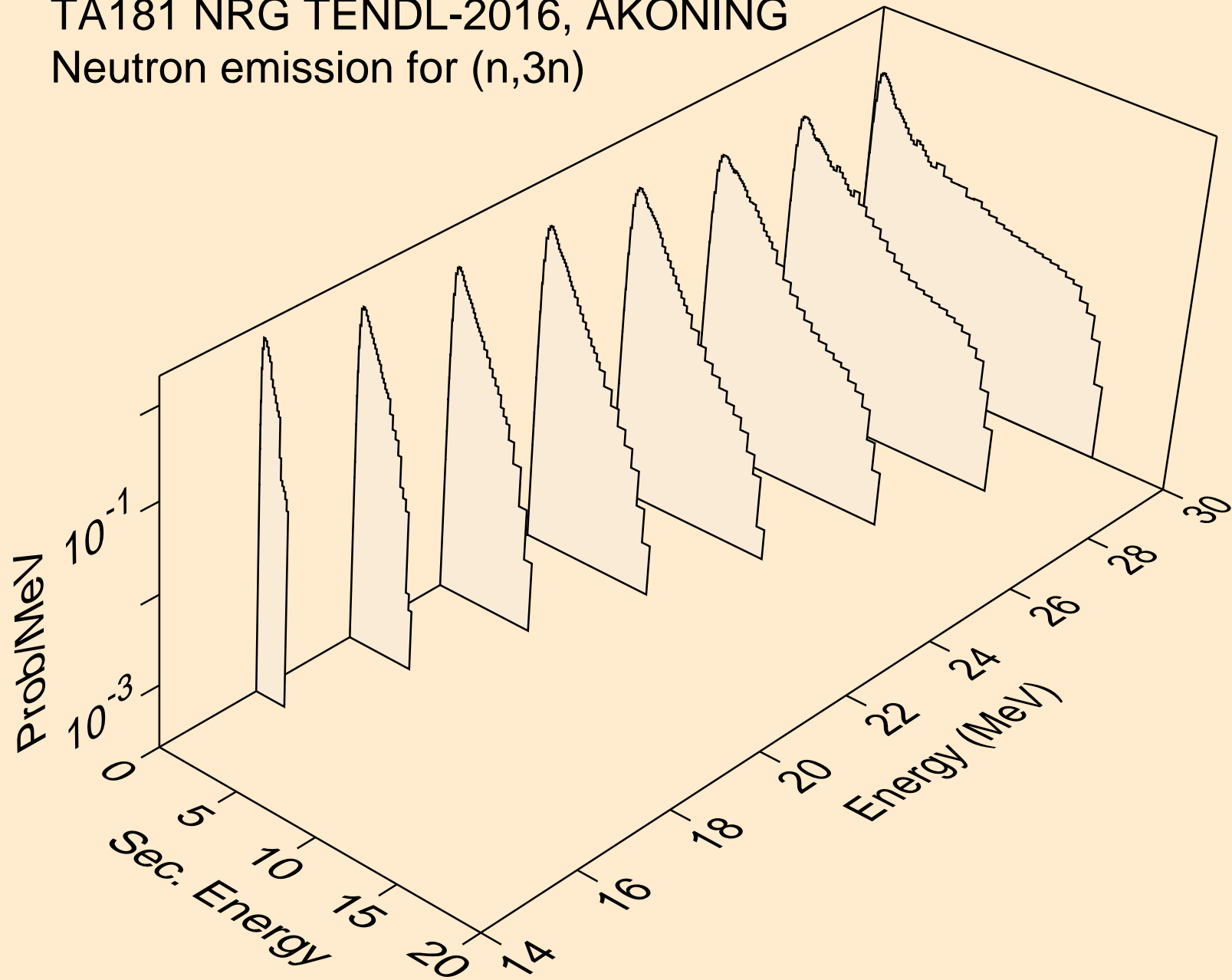
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,2nd)



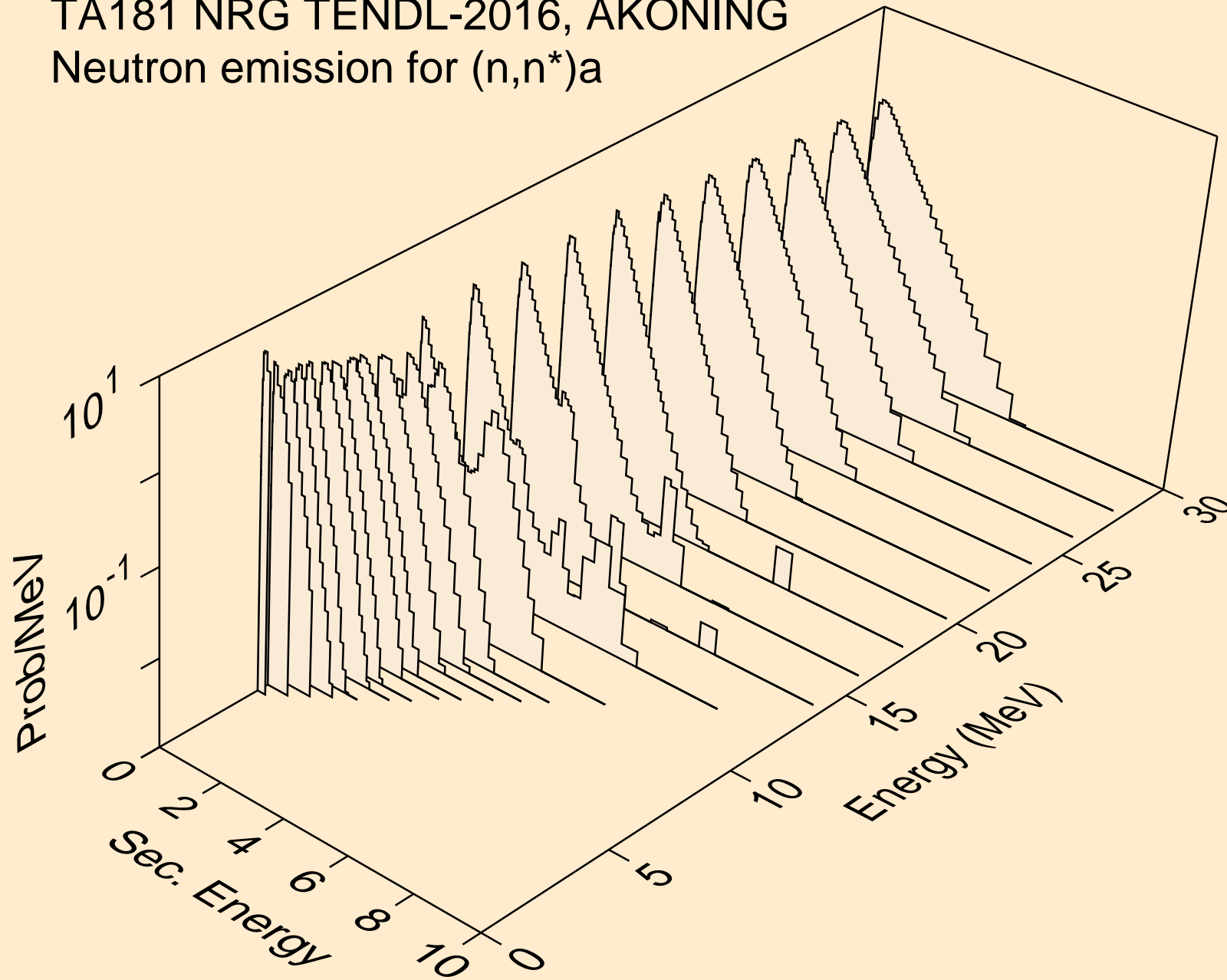
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)



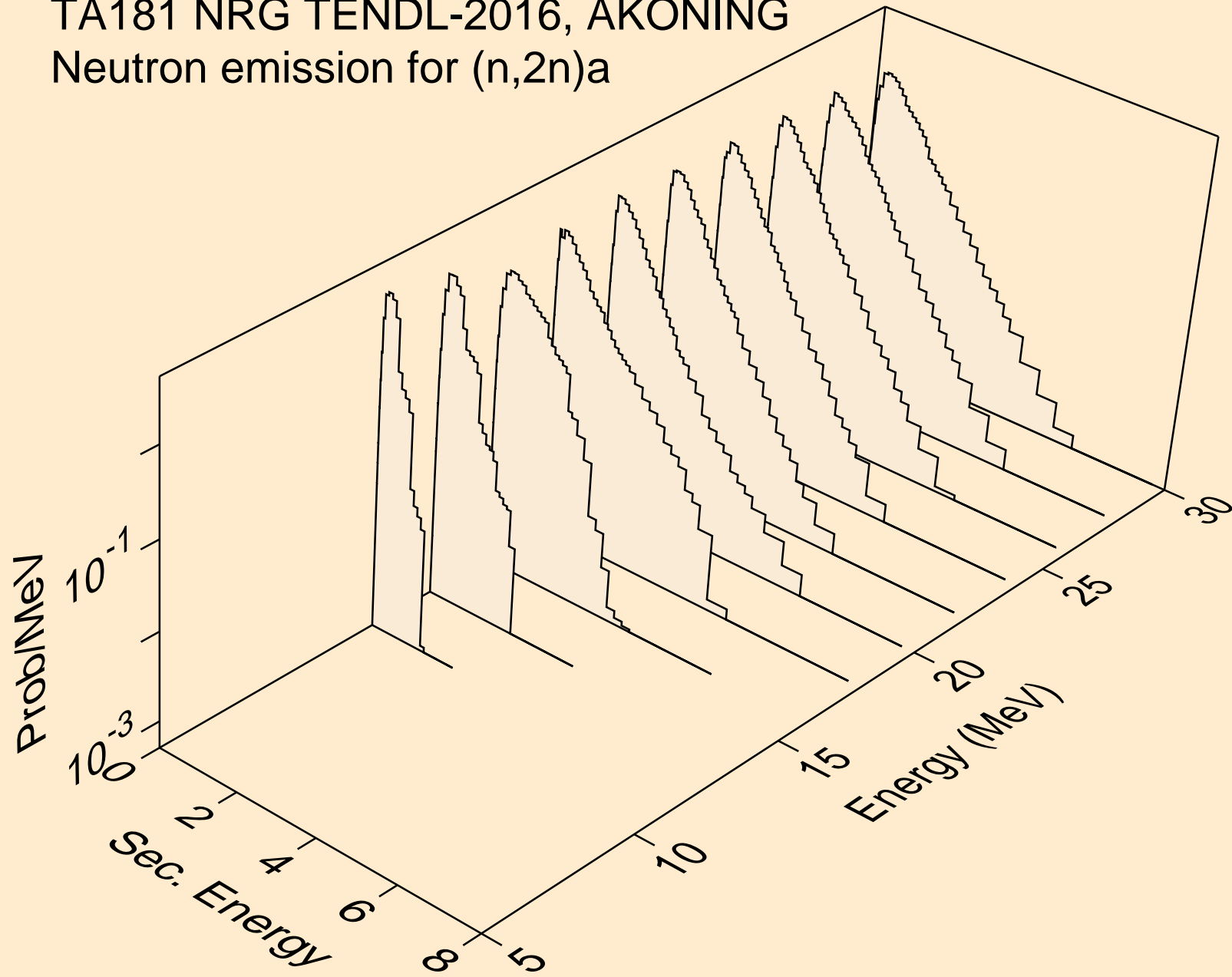
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)



TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)a

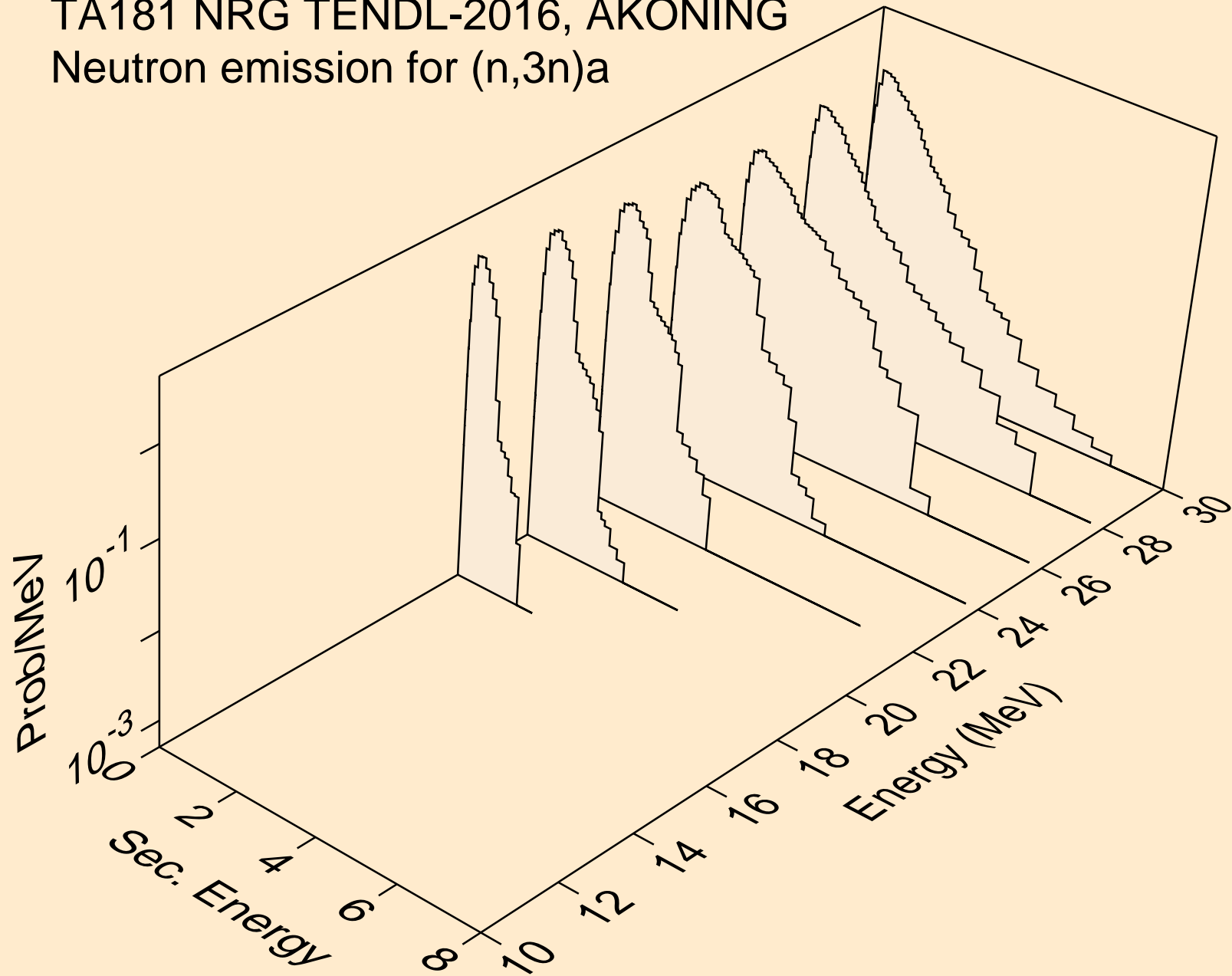


TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)a

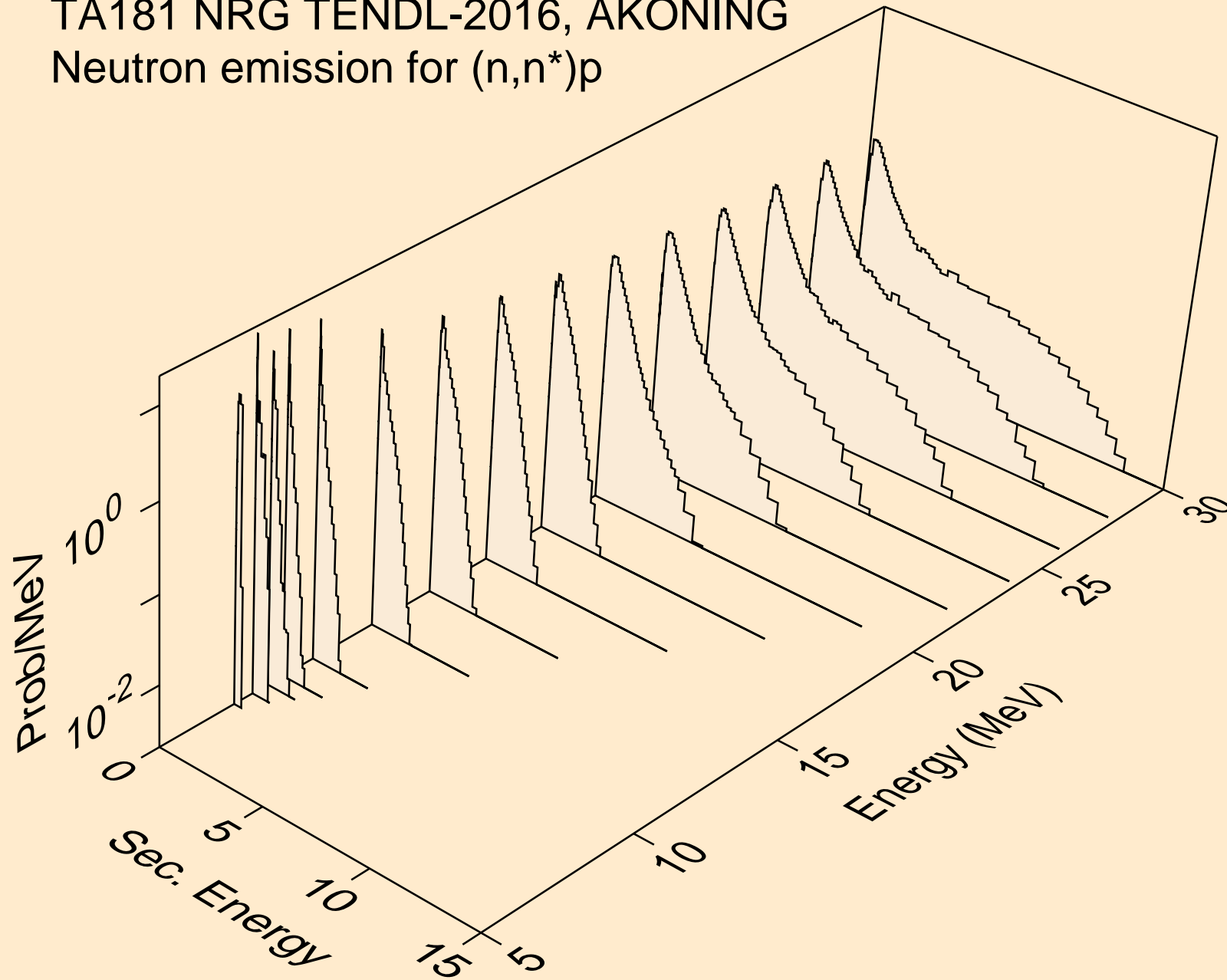




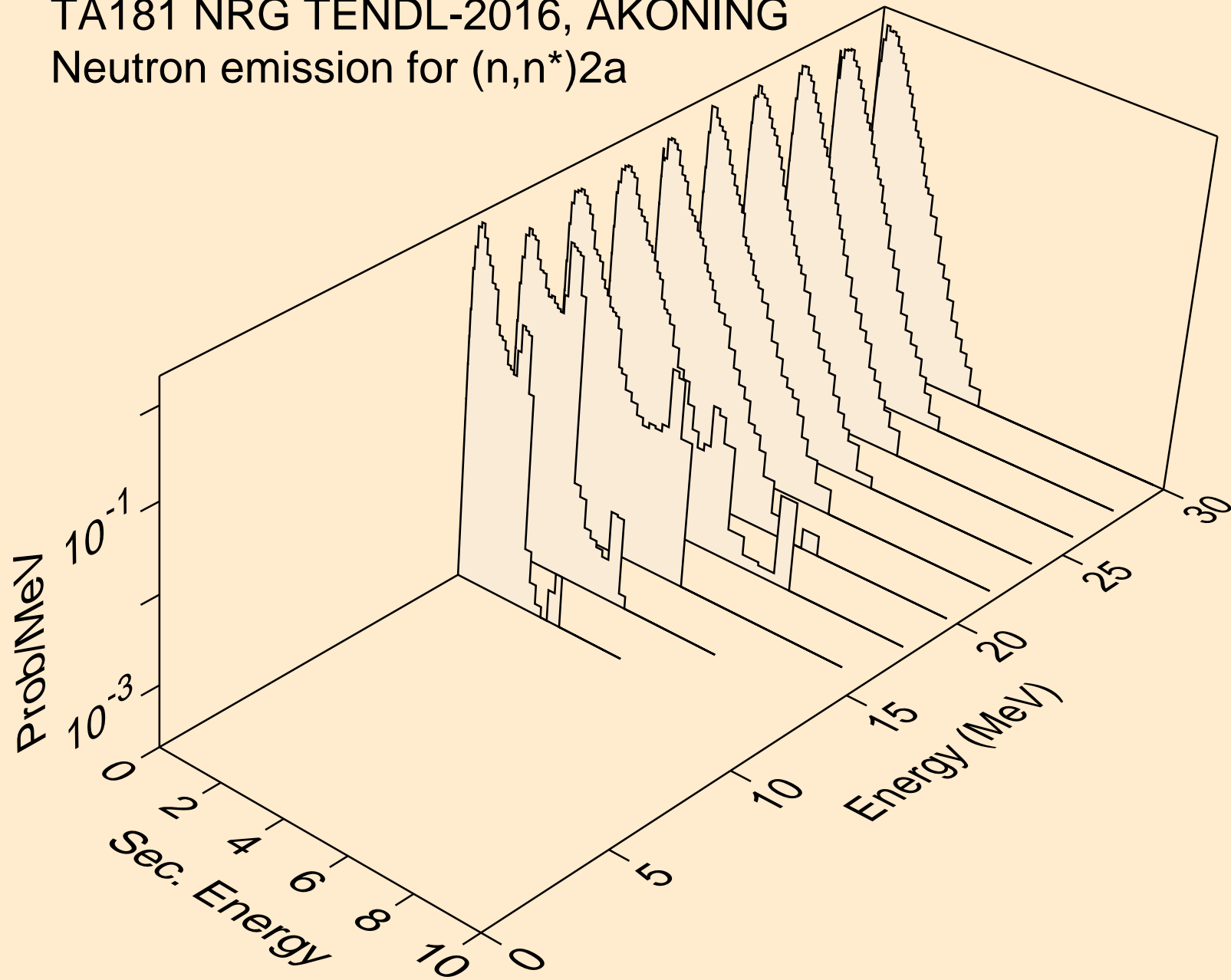
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)a



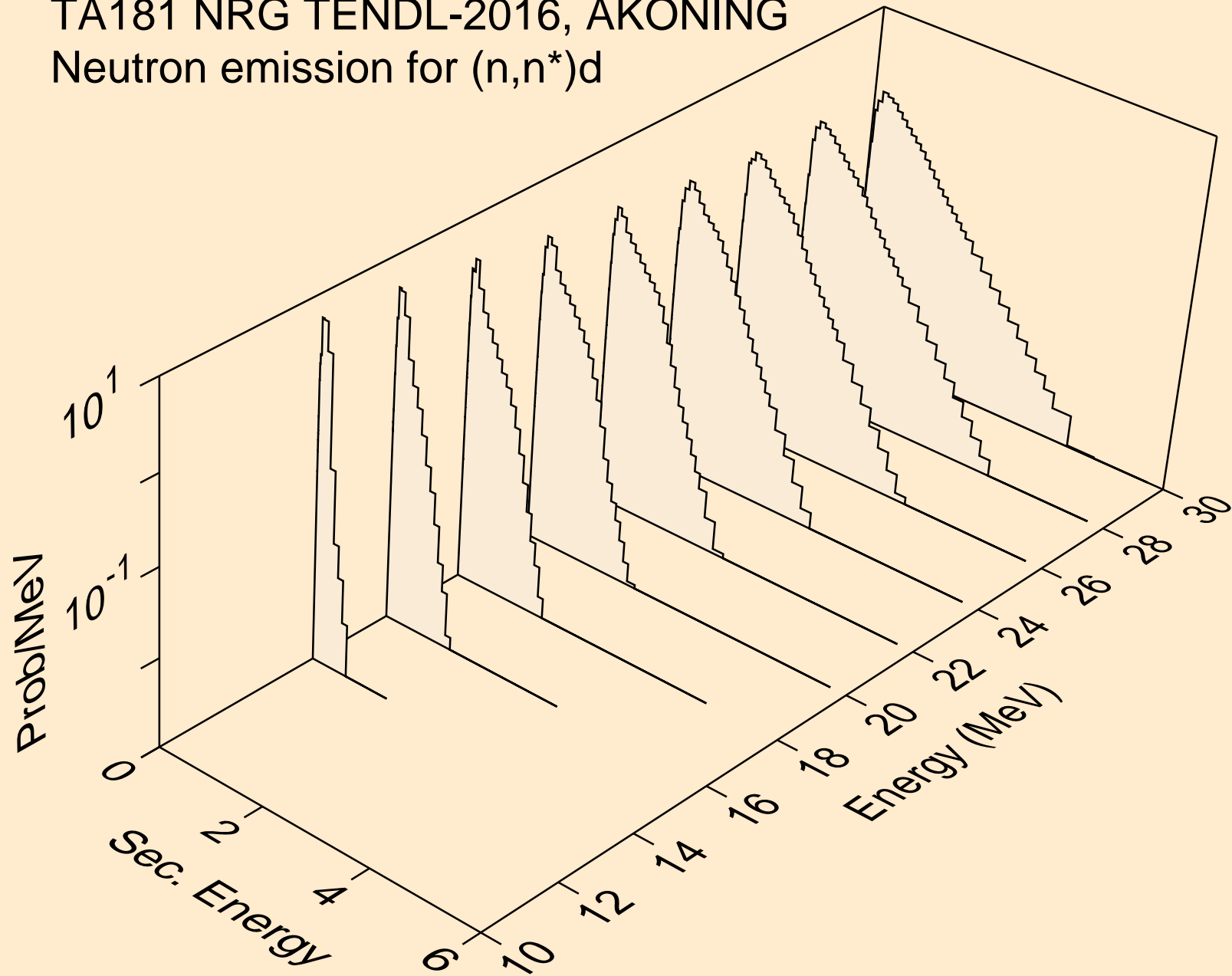
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)p



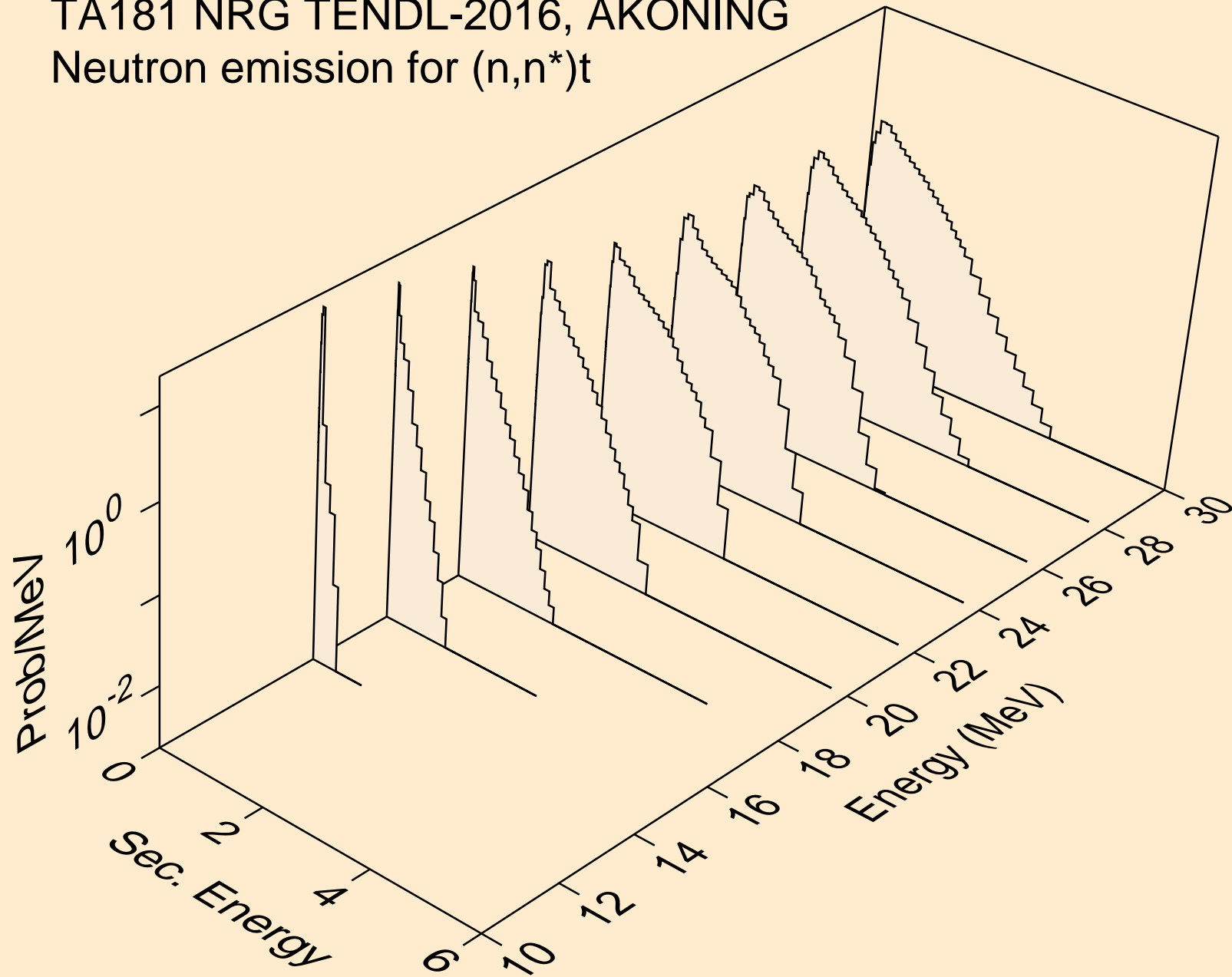
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)2a



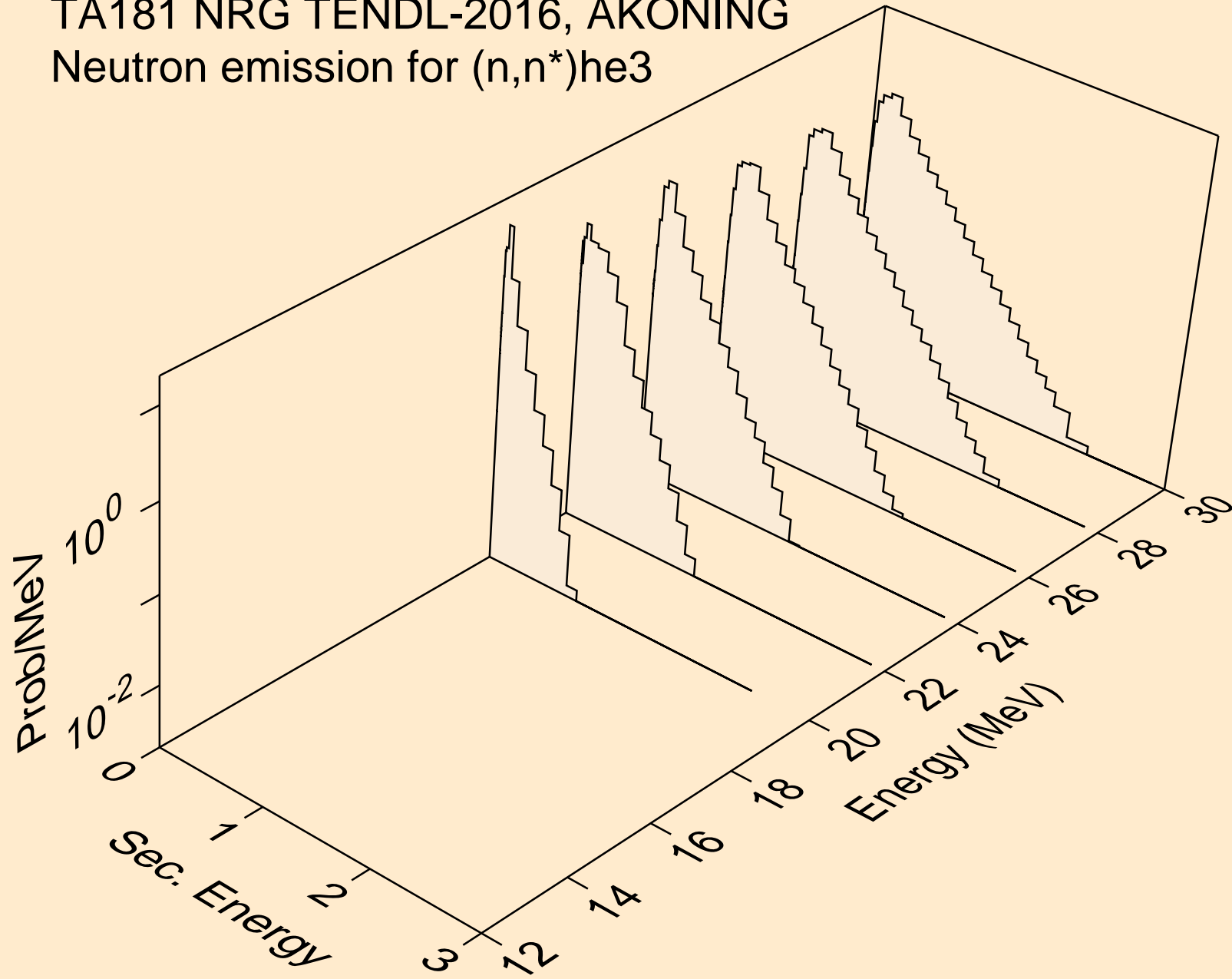
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)d



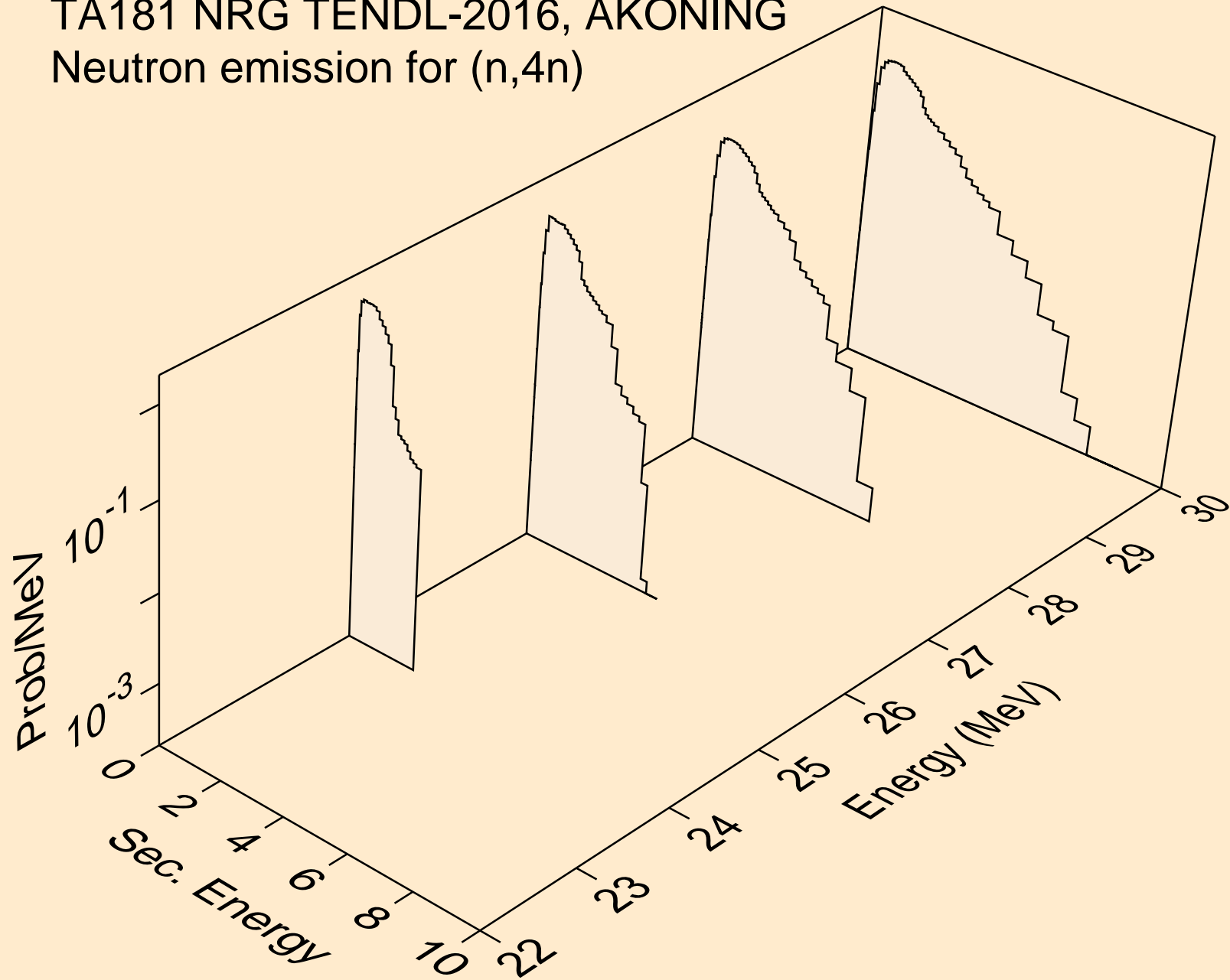
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)t



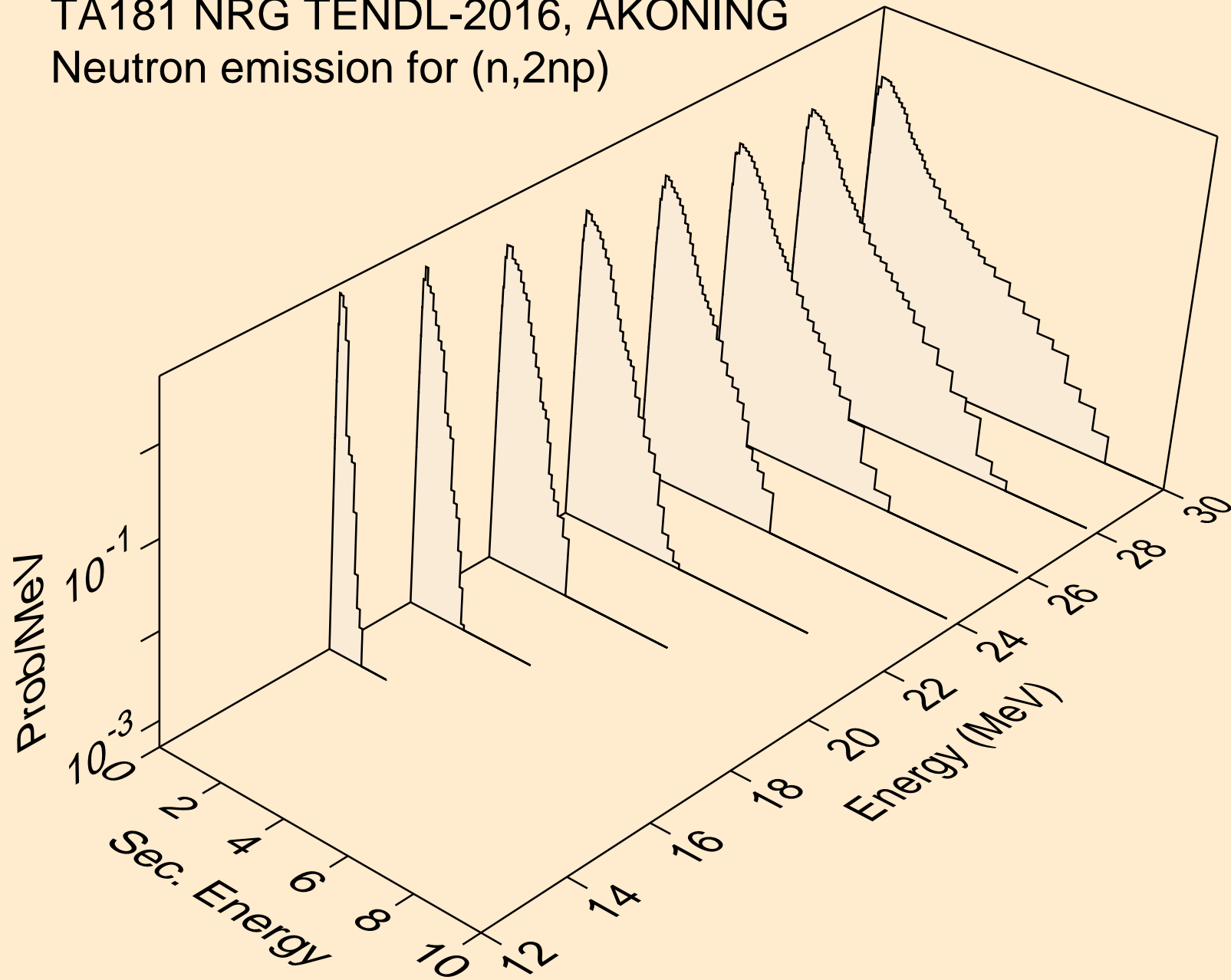
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)he3



TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,4n)

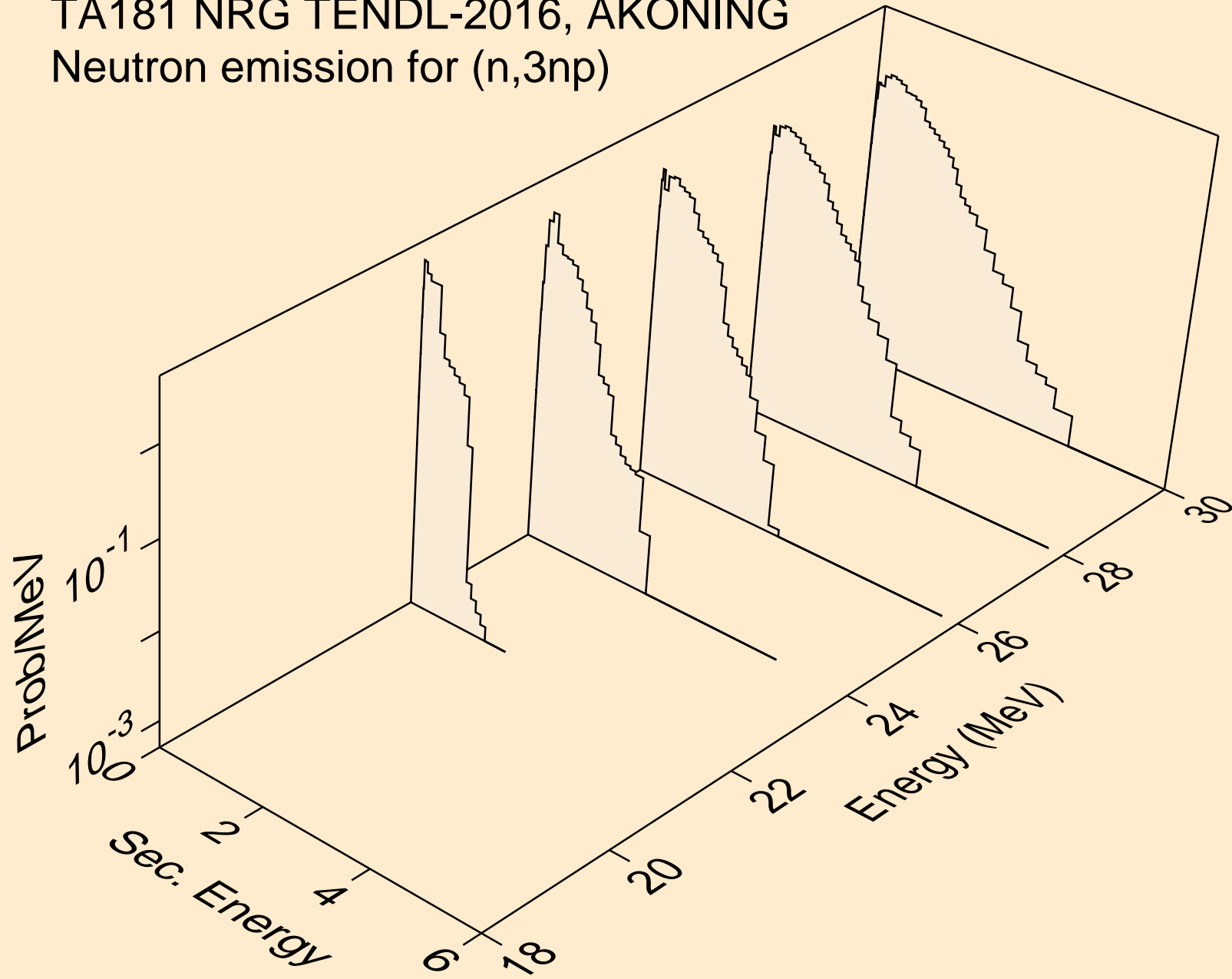


TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)

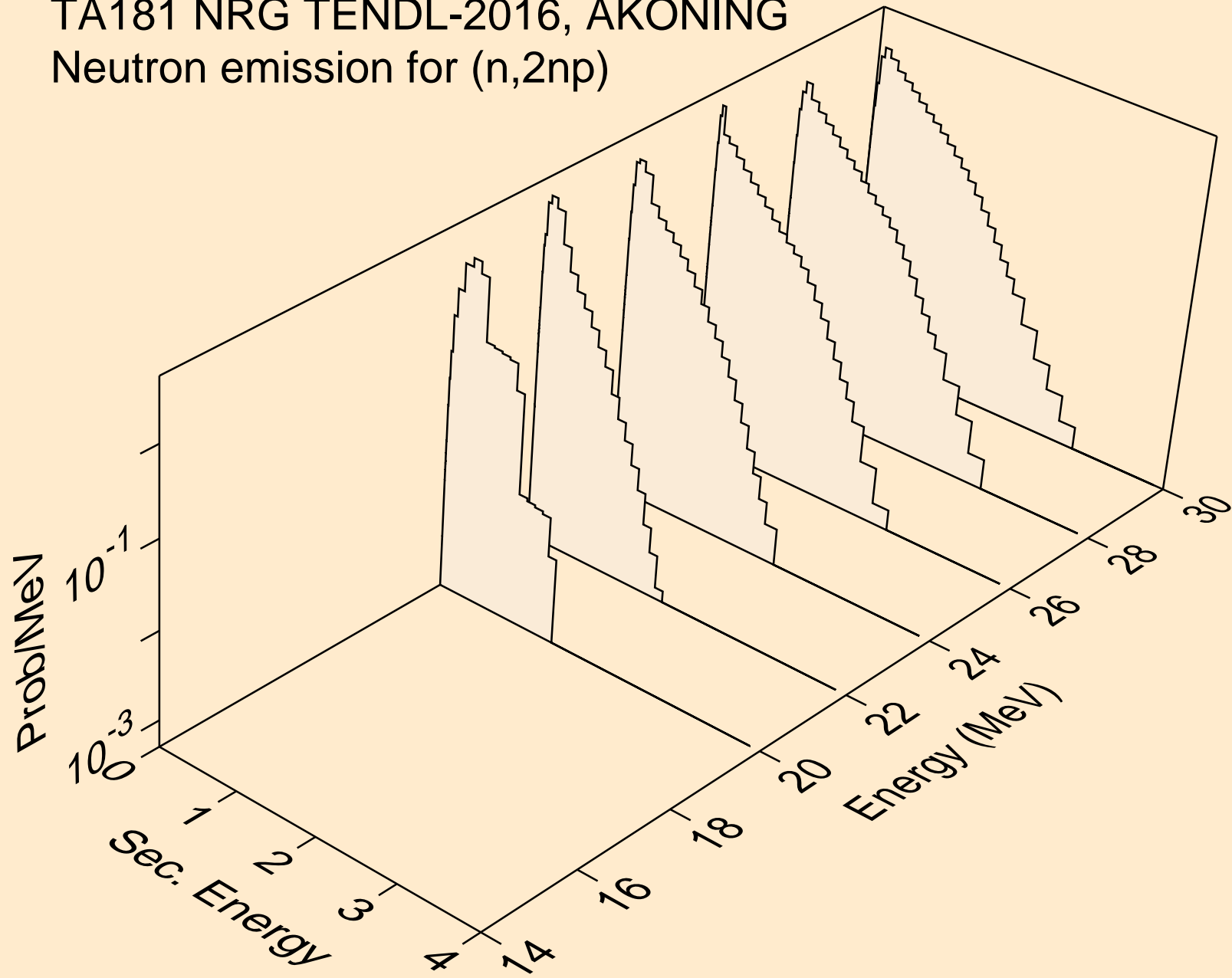




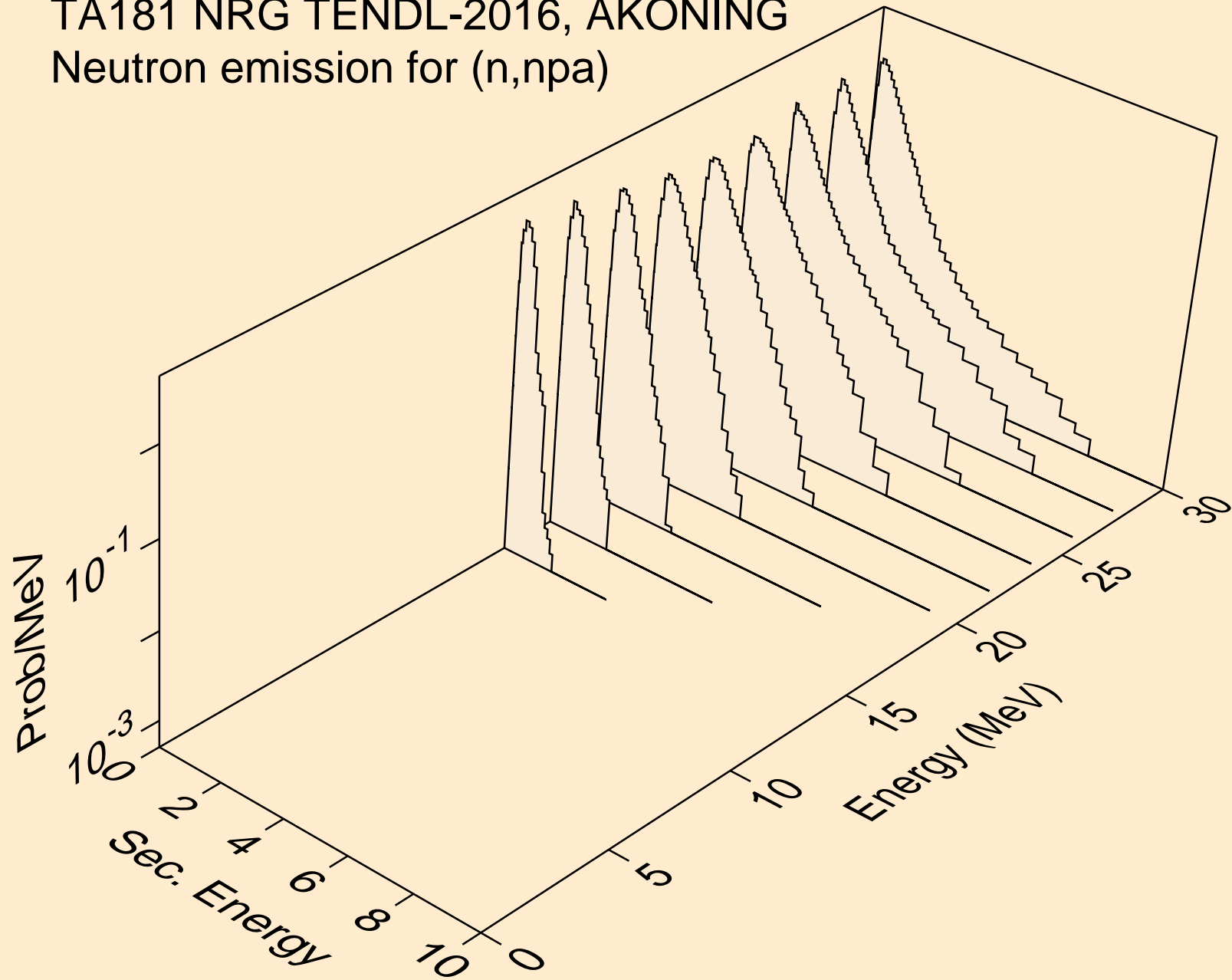
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,3np)



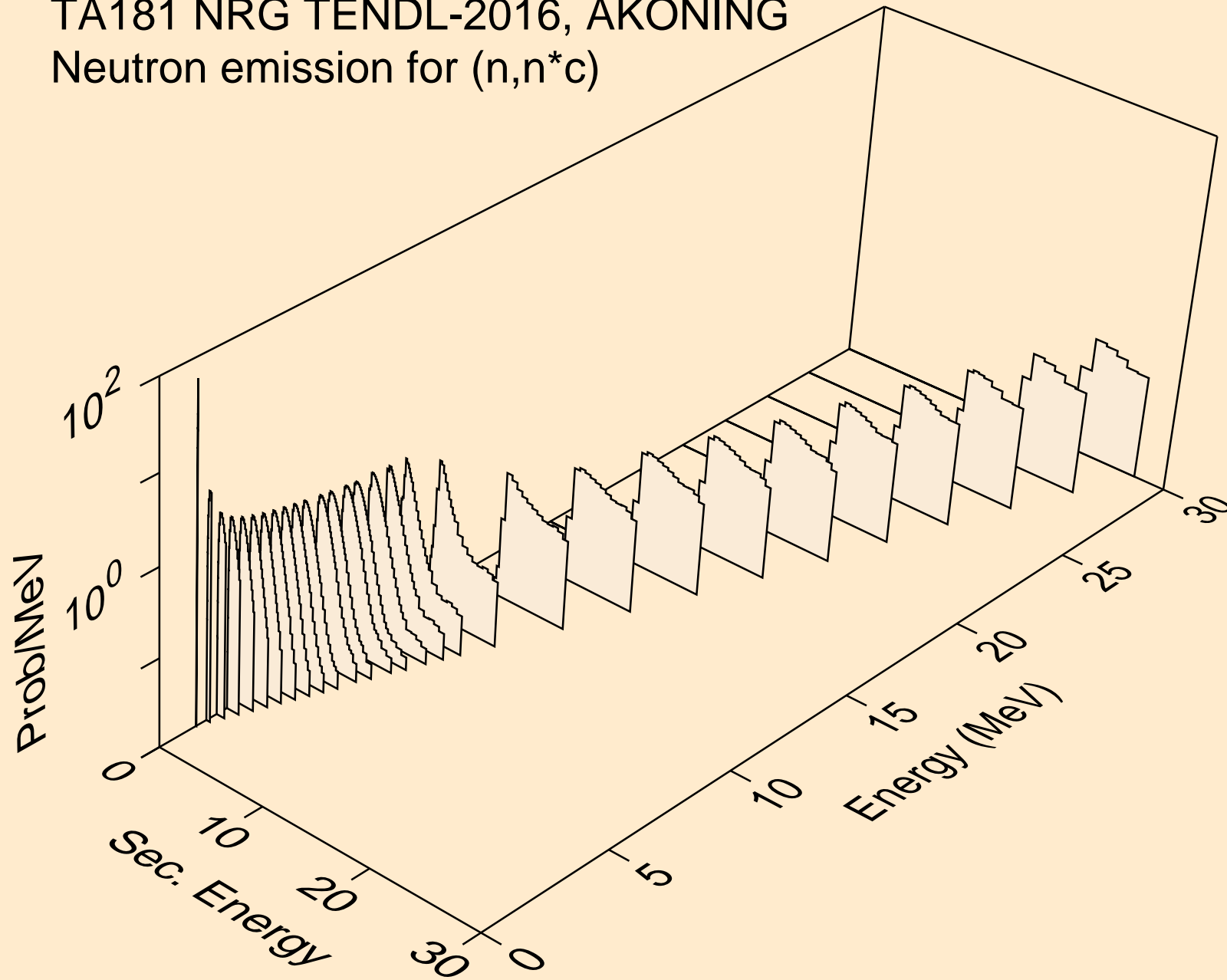
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)



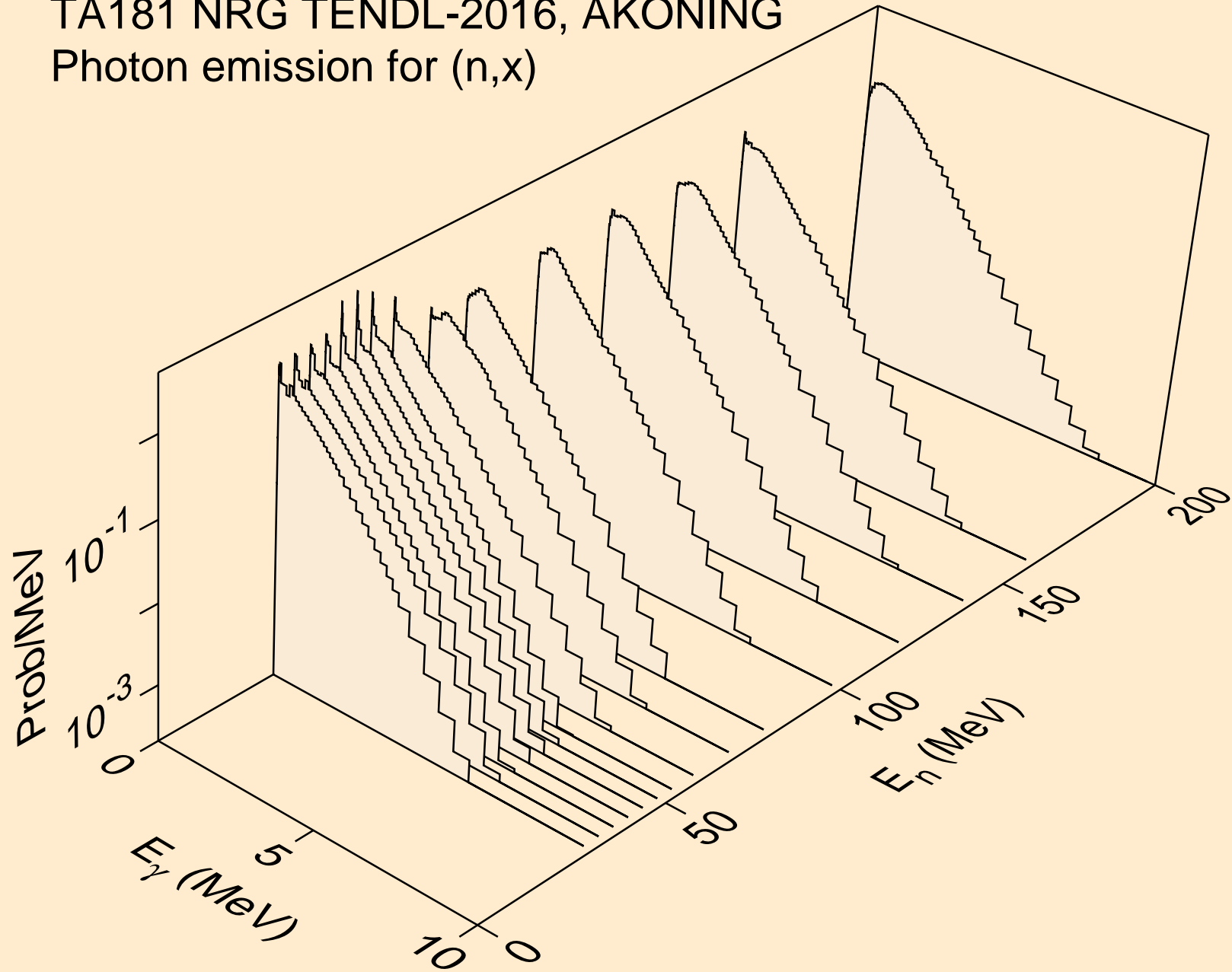
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,npa)



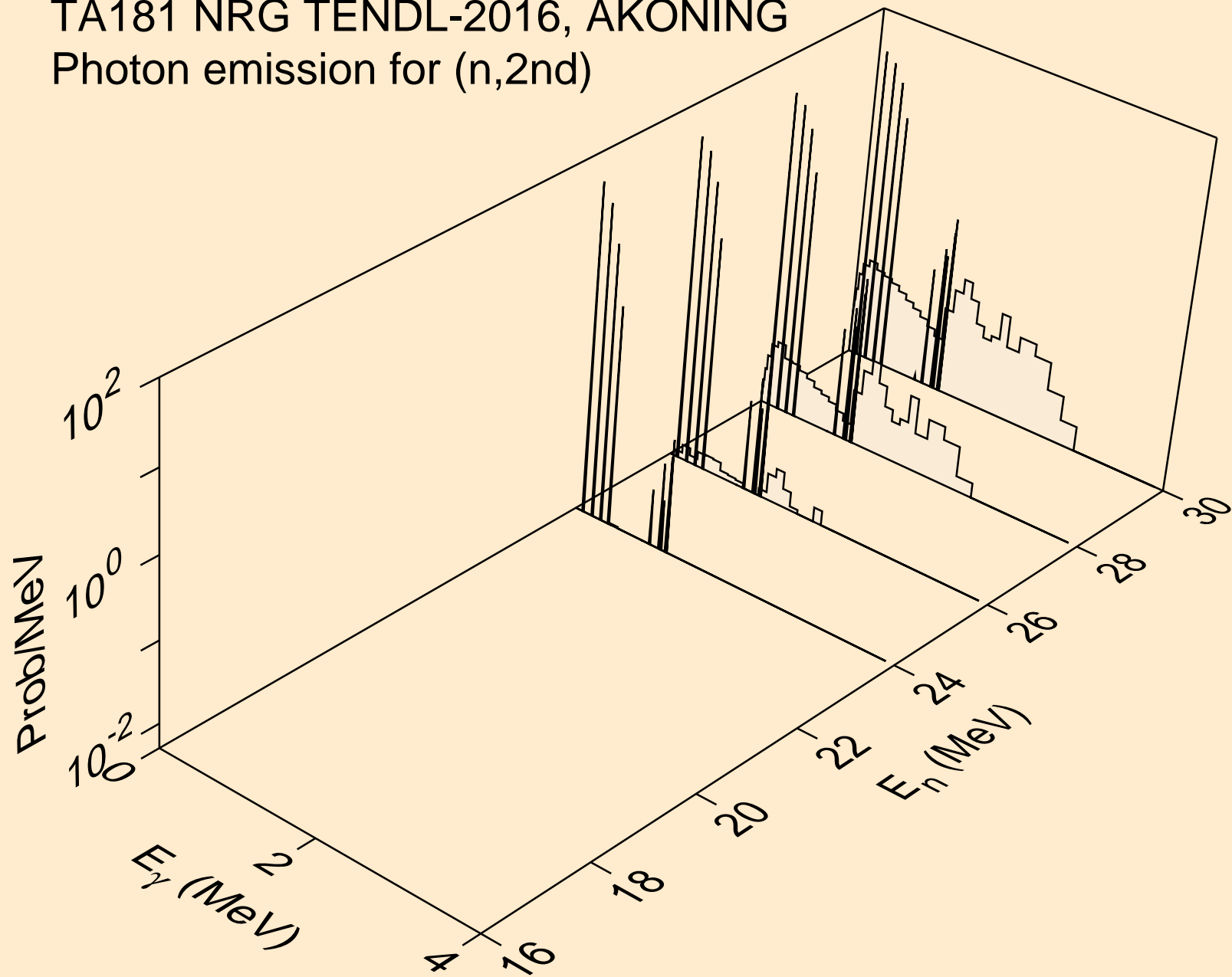
TA181 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*c)



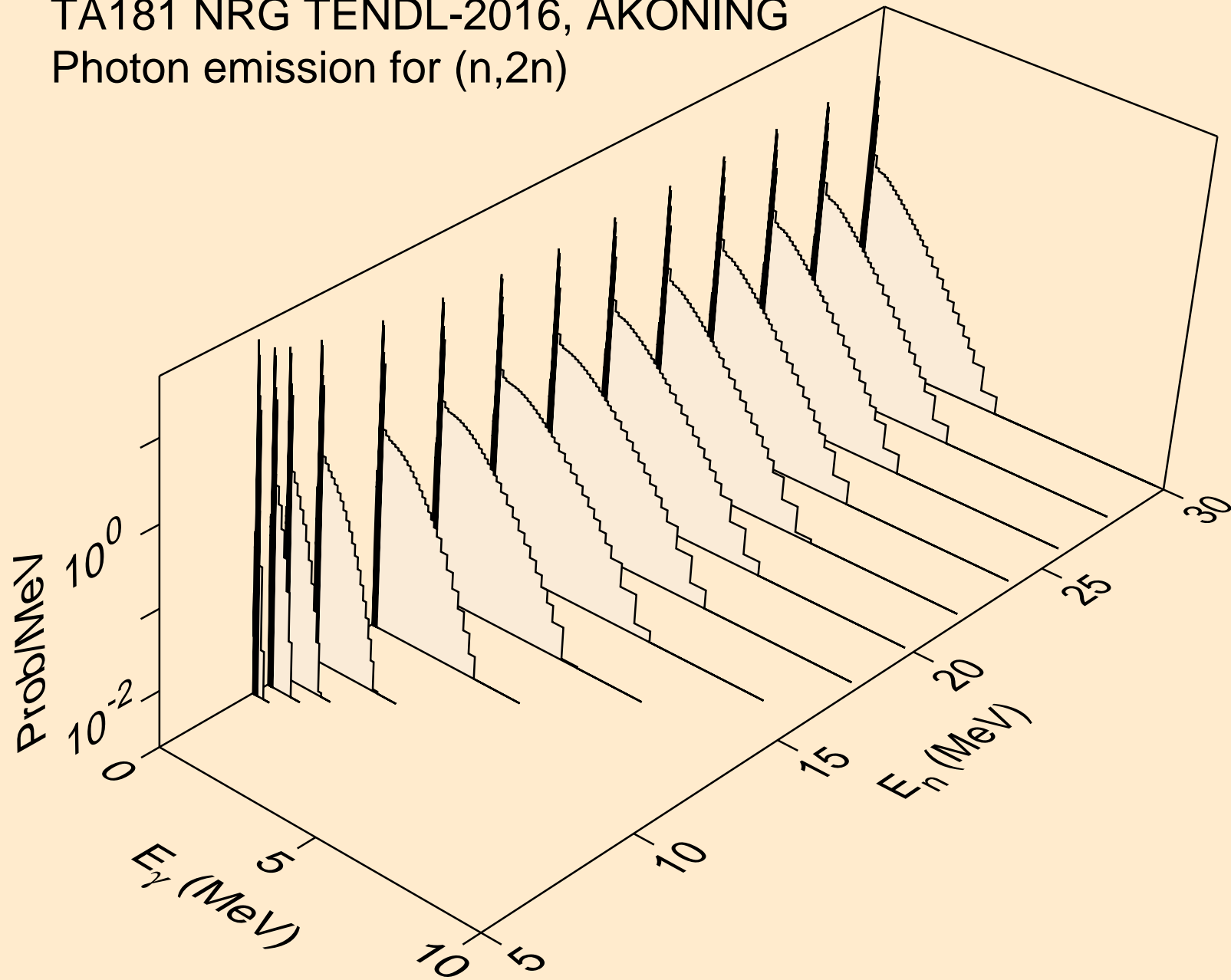
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,x)



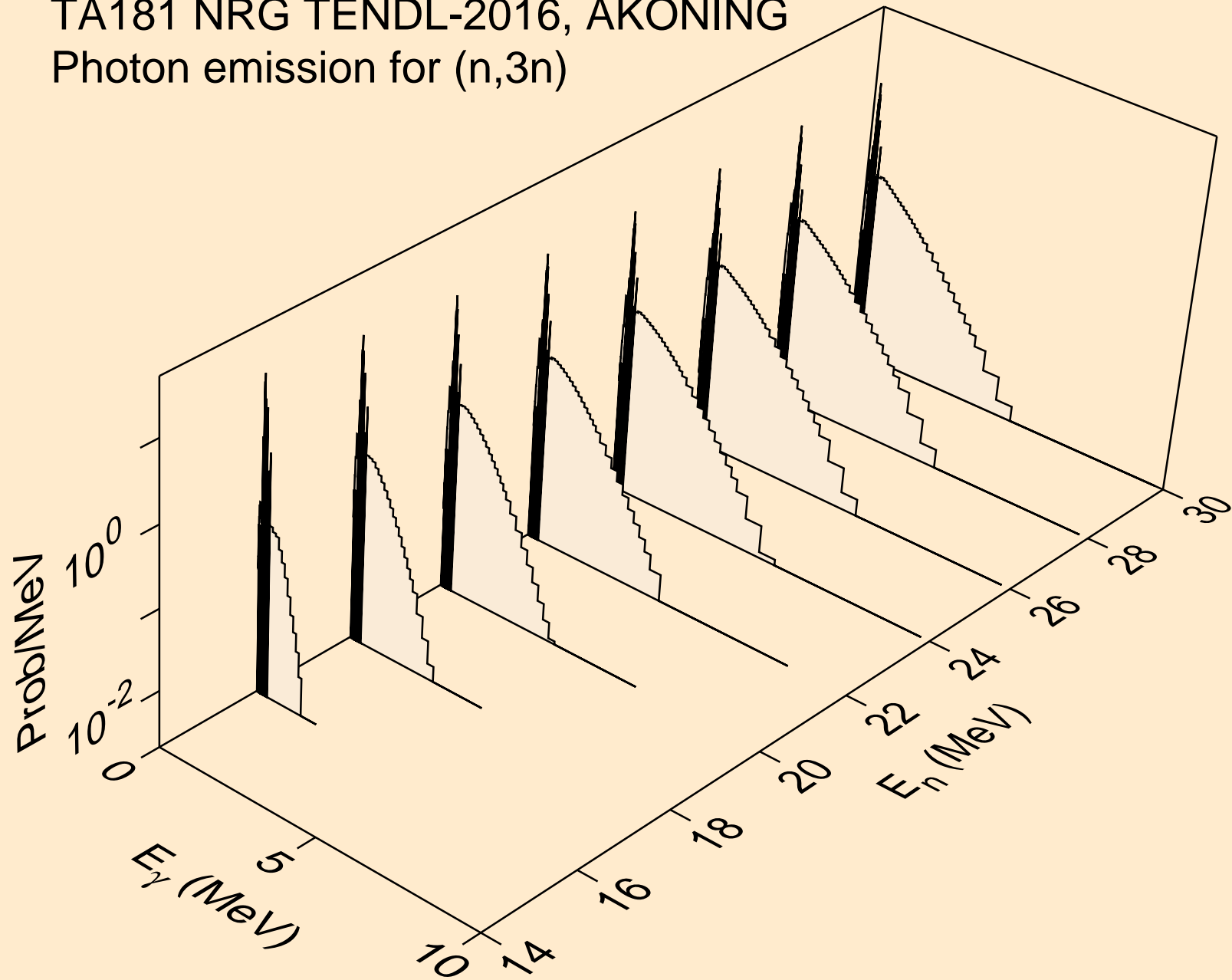
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,2nd)



TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,2n)

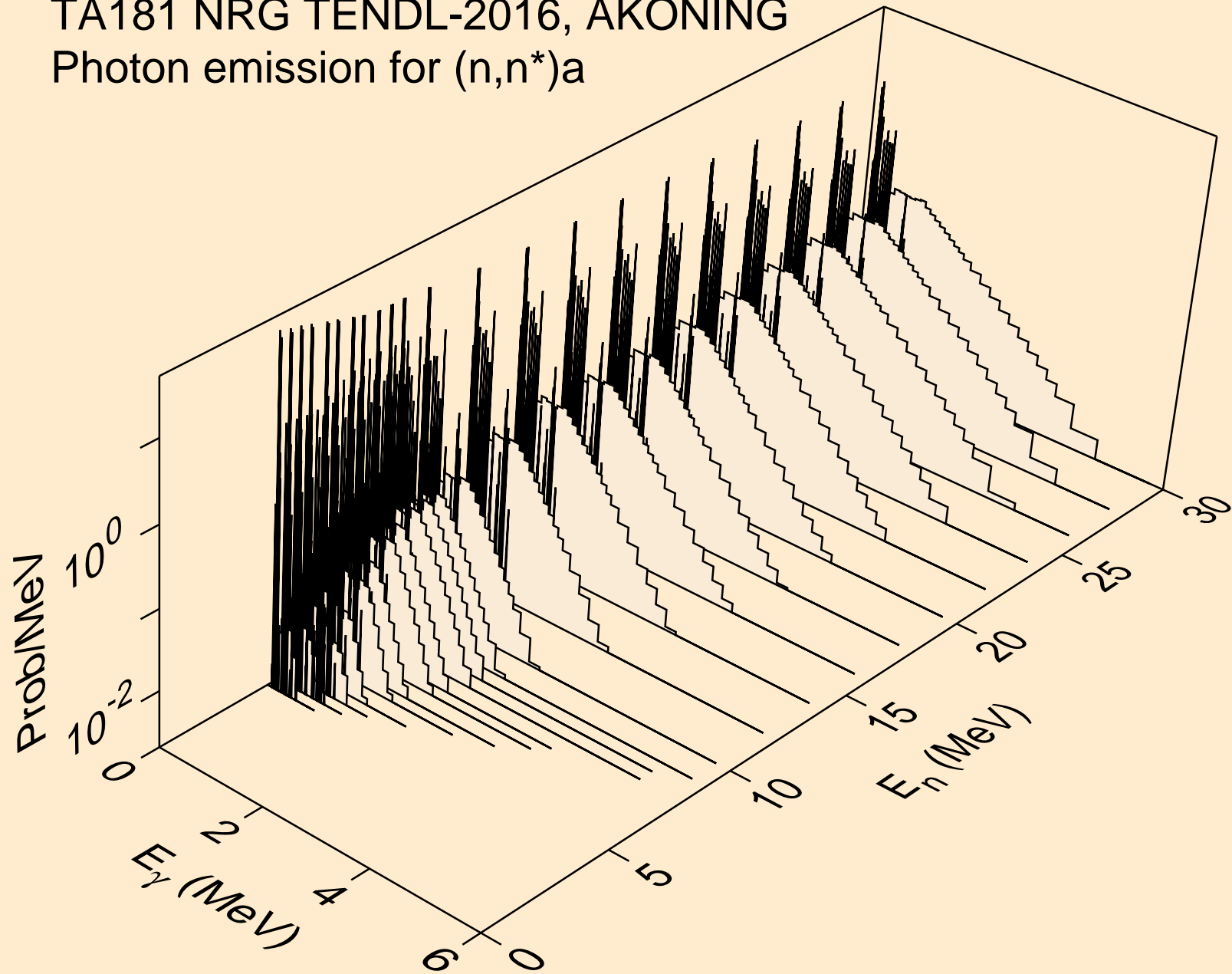


TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,3n)

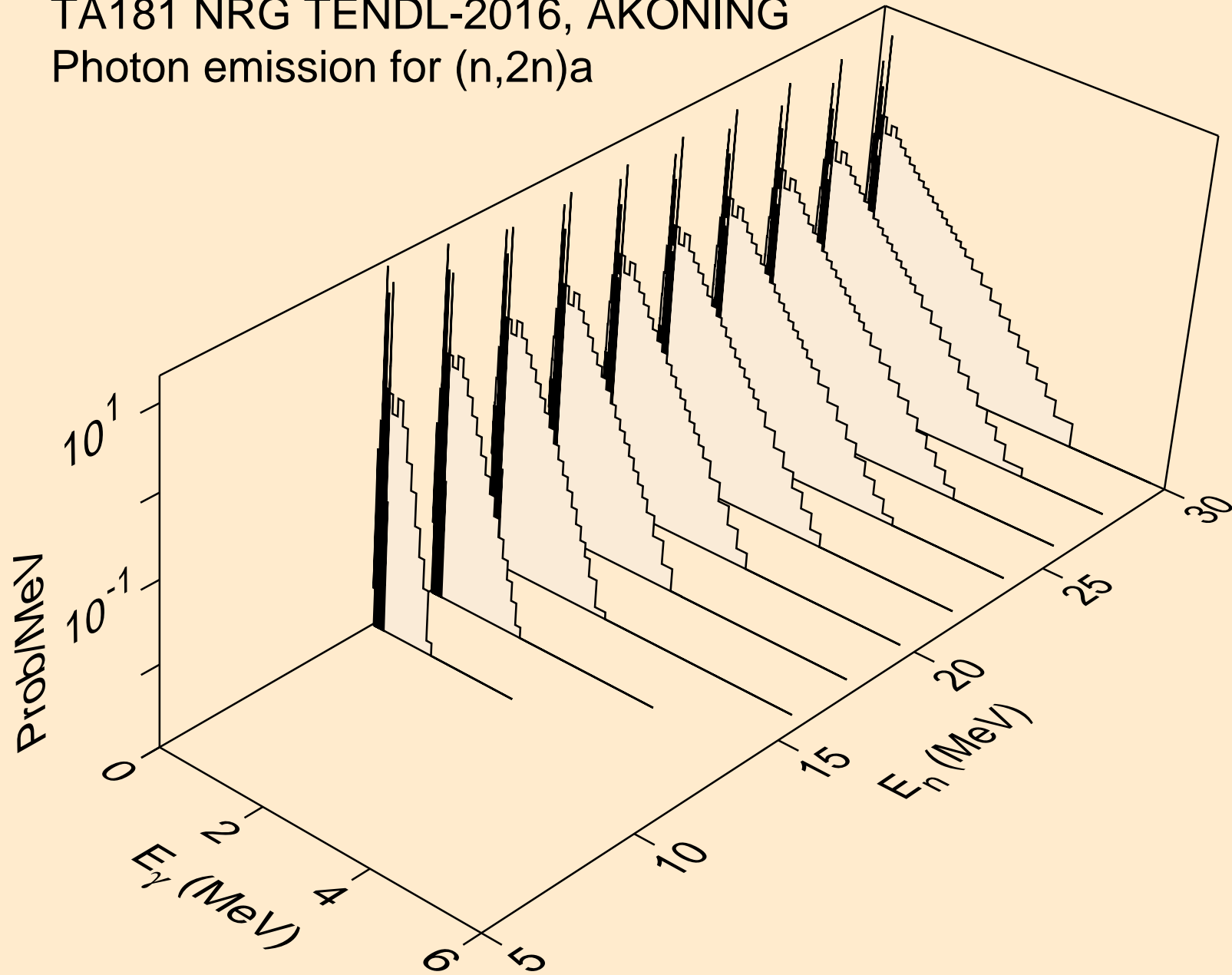




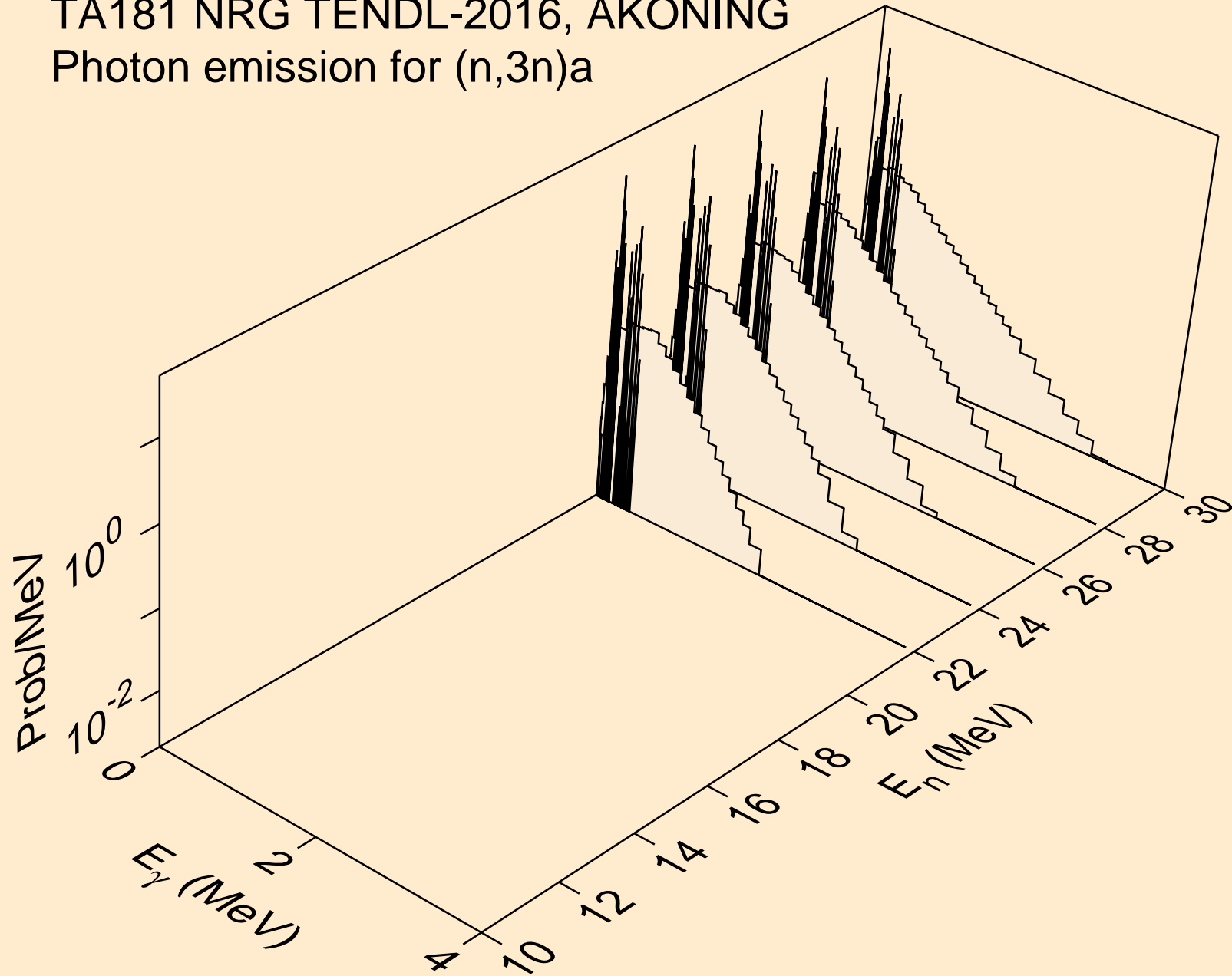
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)a



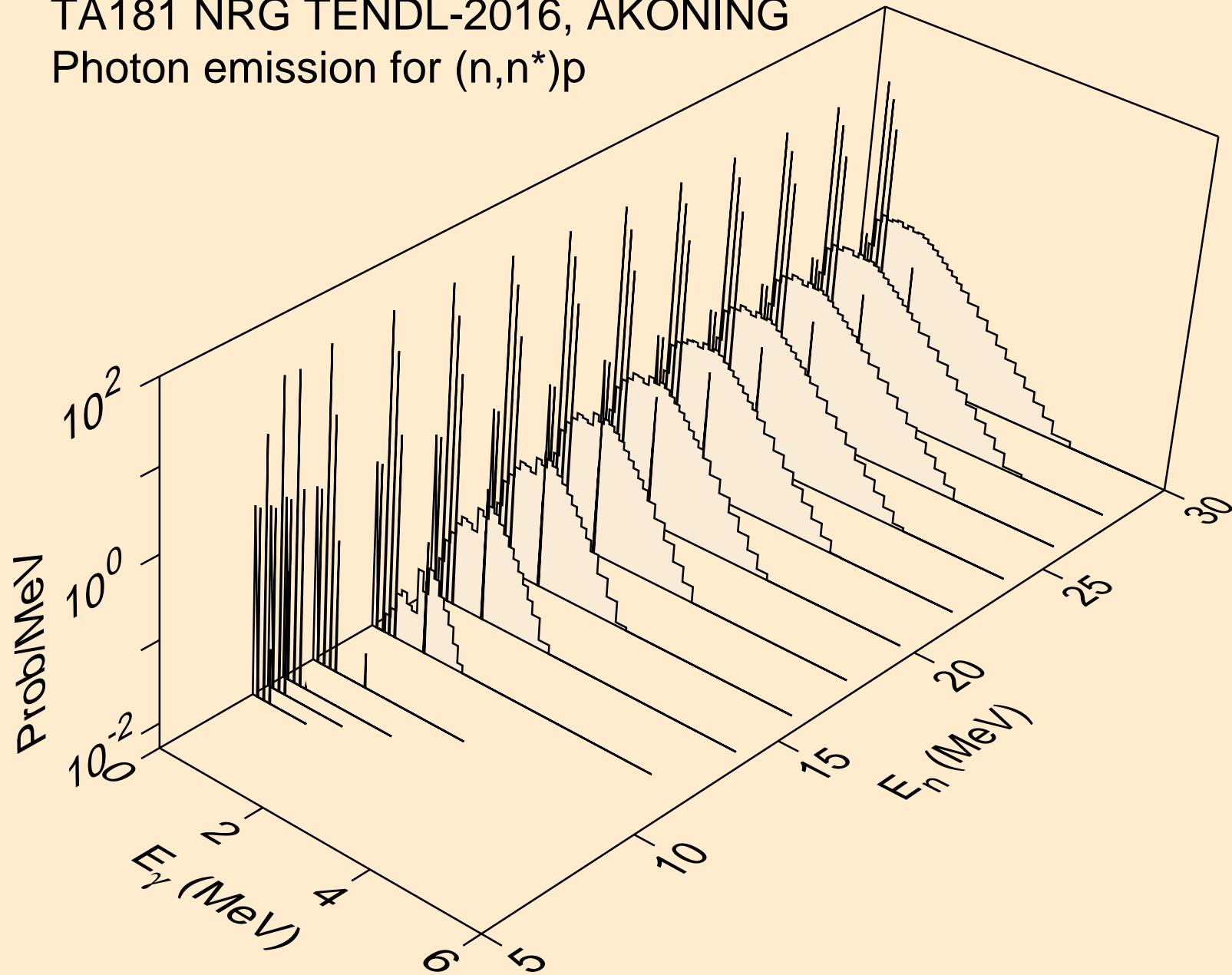
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,2n)a



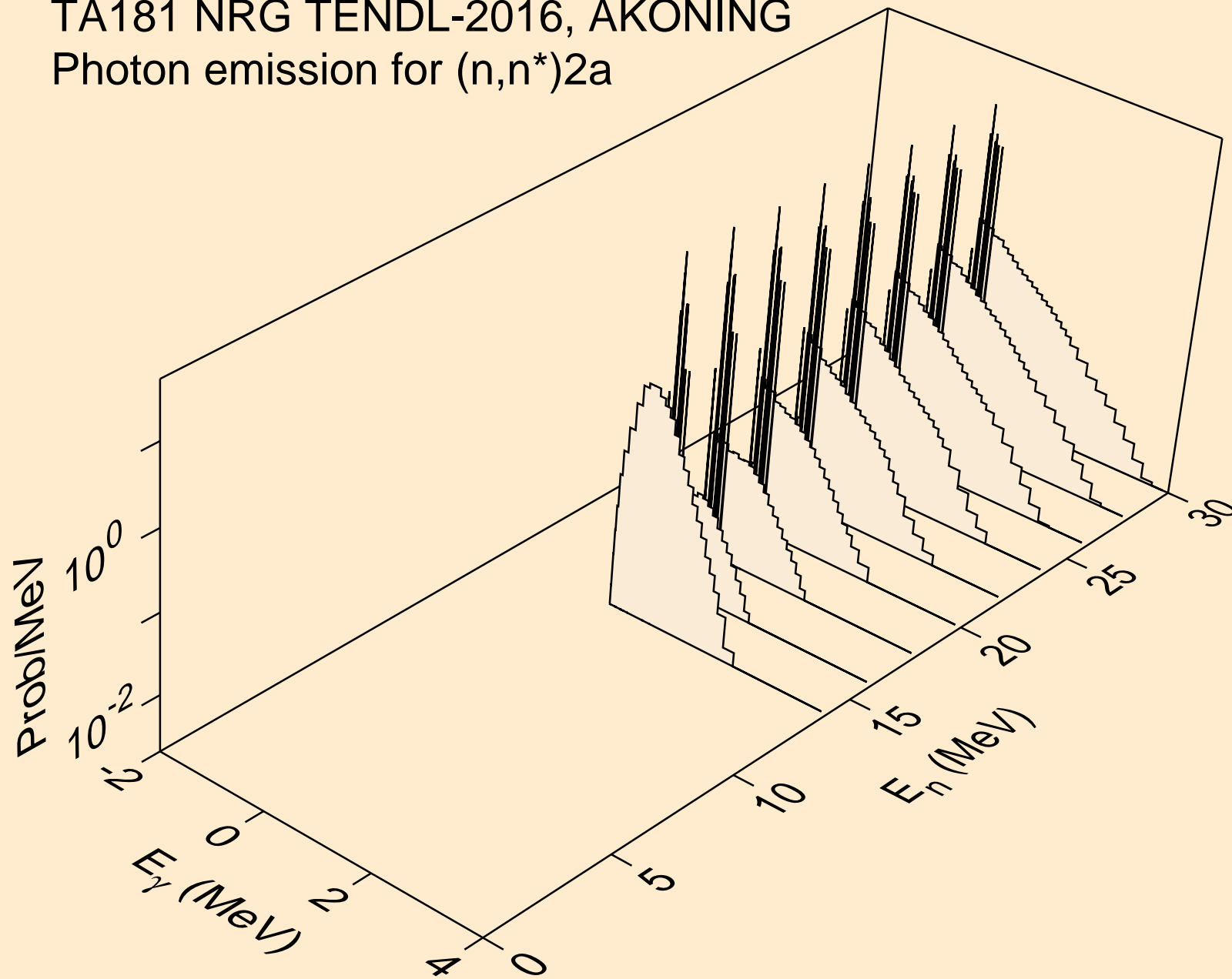
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,3n)a



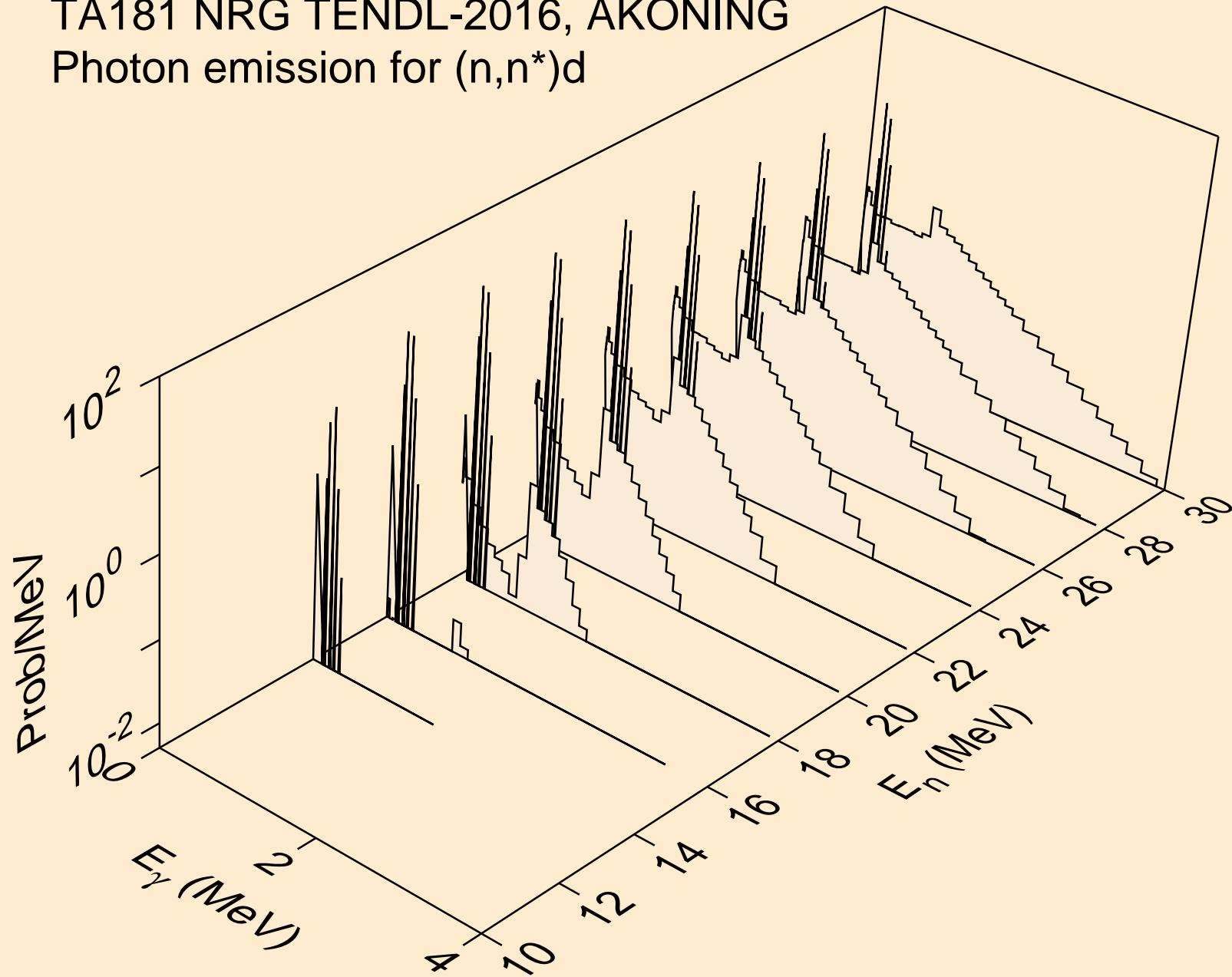
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)p



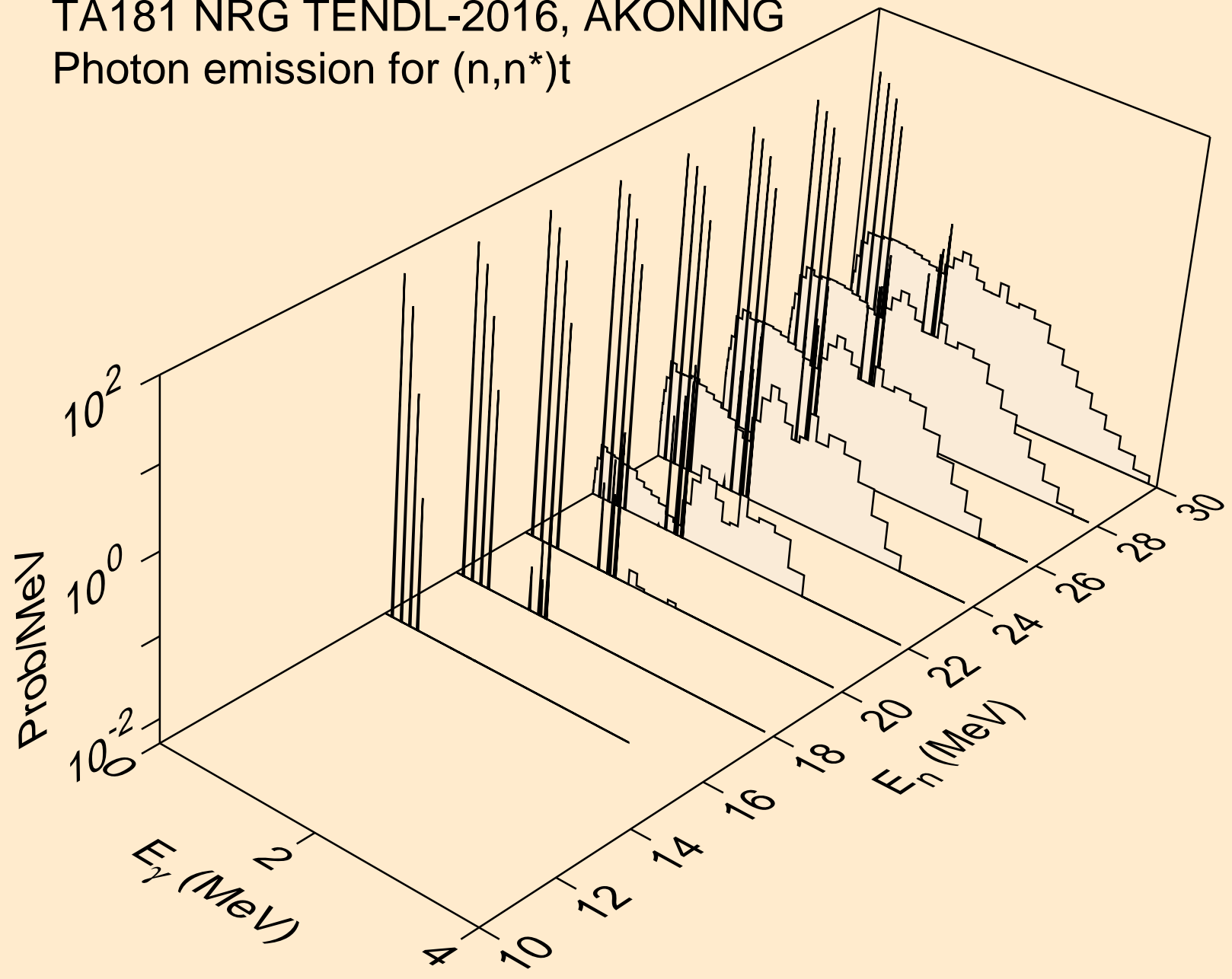
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)2a



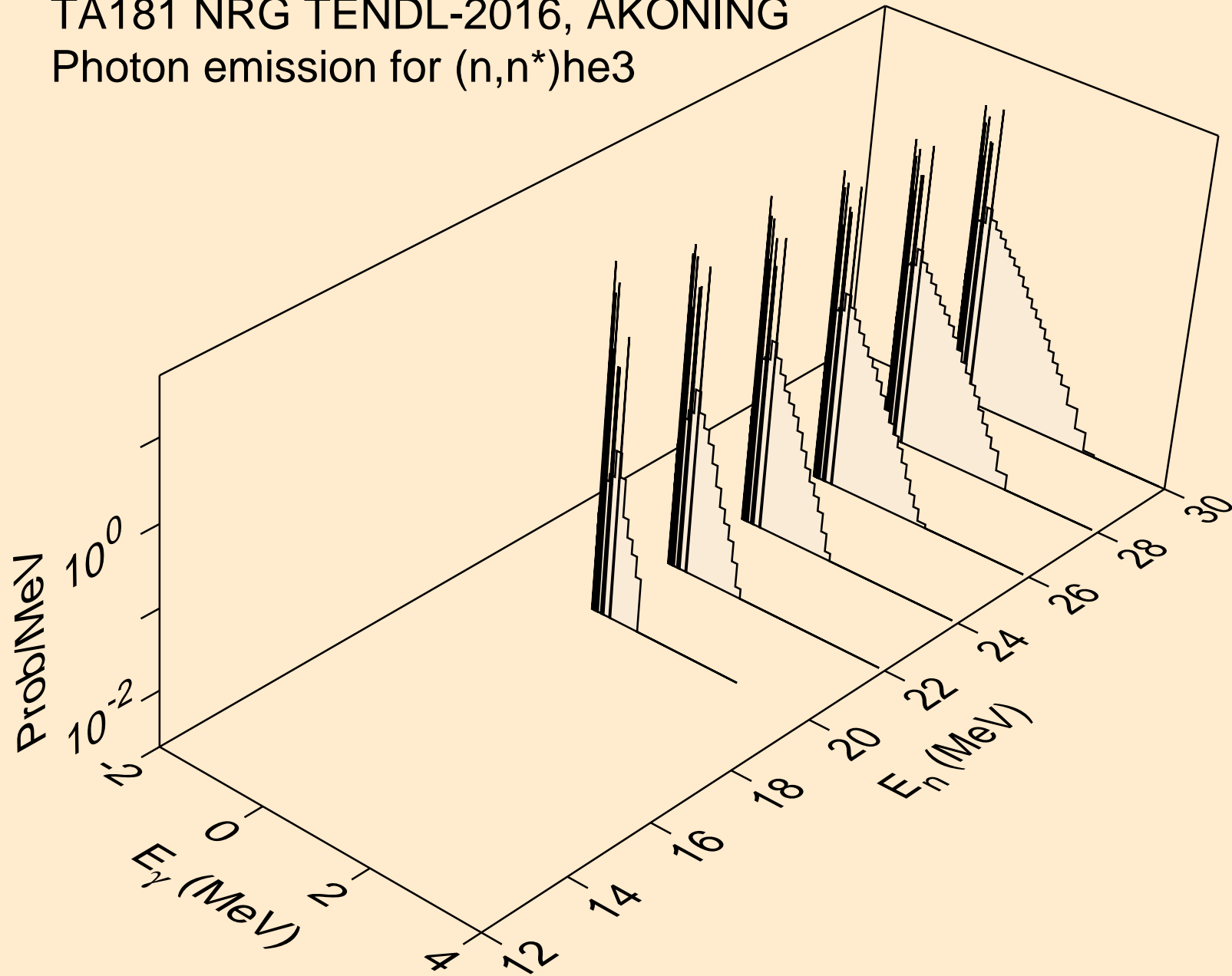
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)d



TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)t

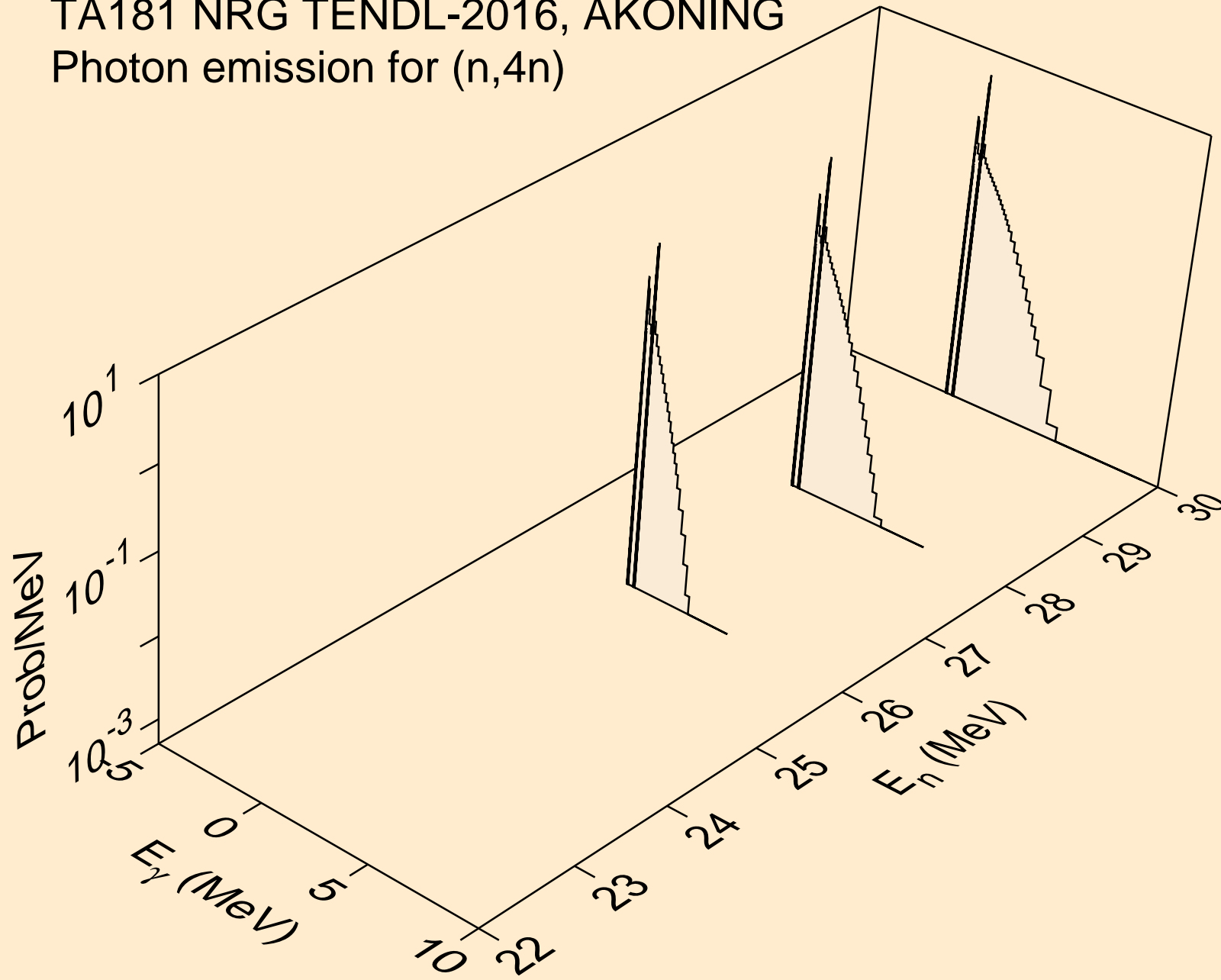


TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)he3

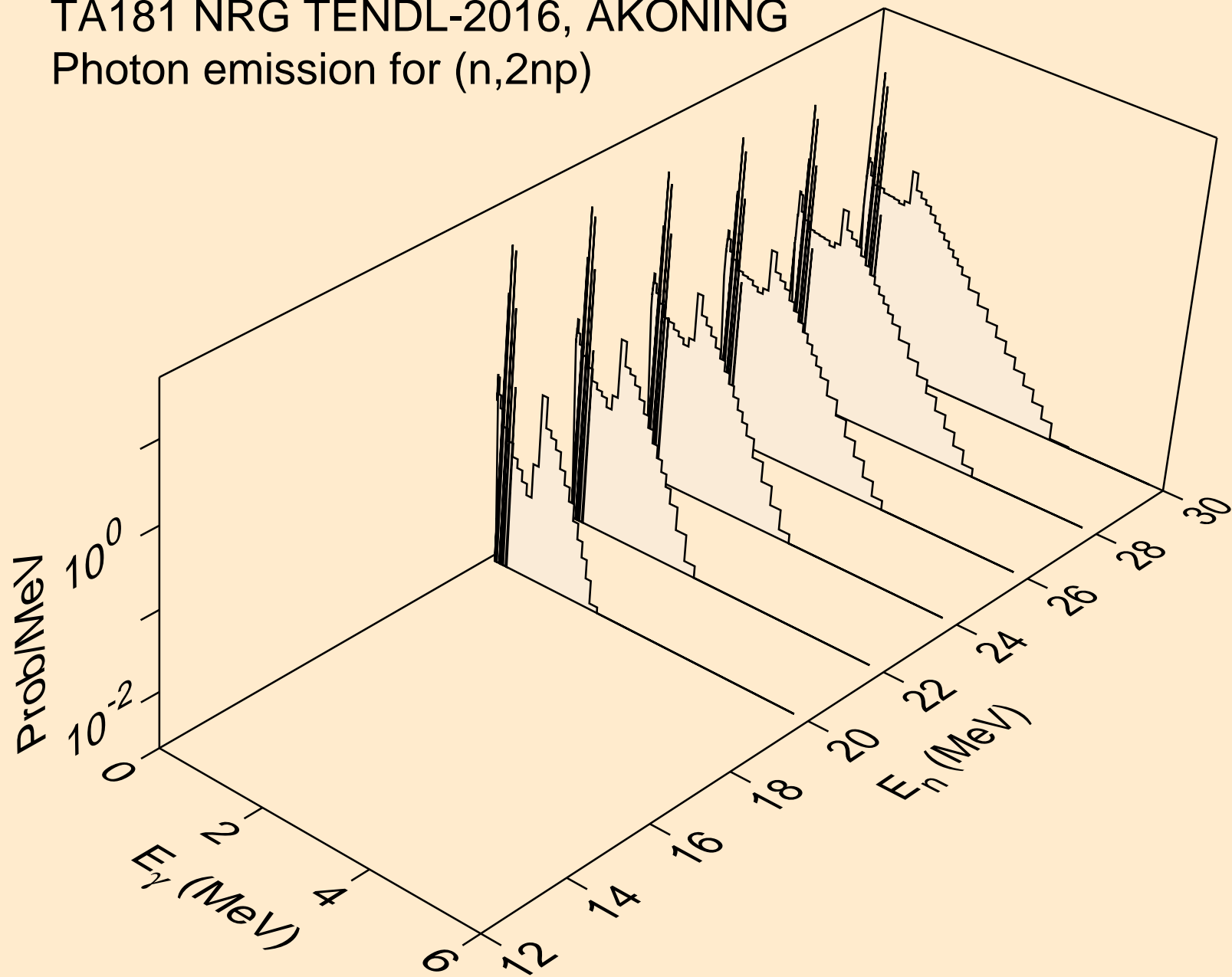




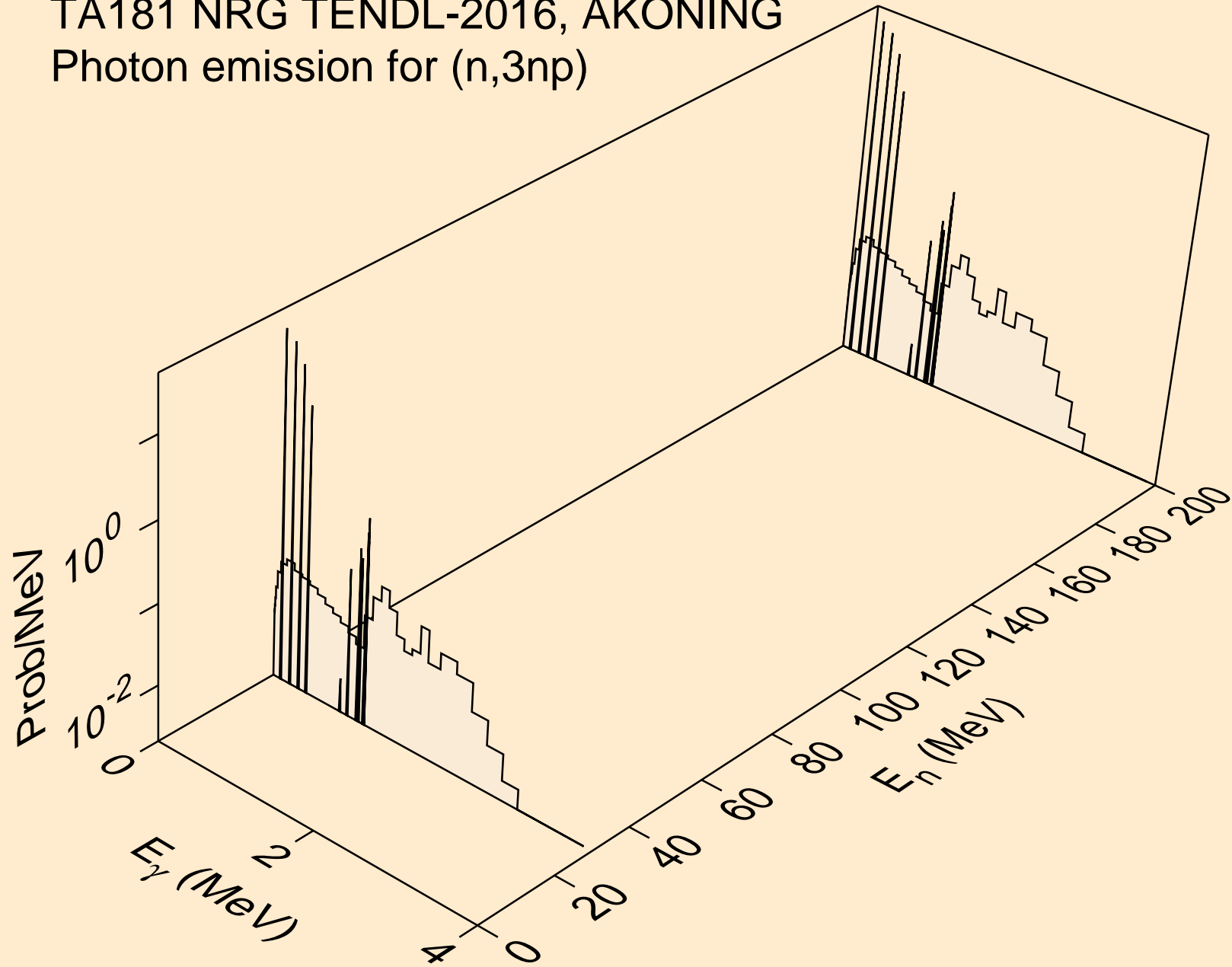
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,4n)



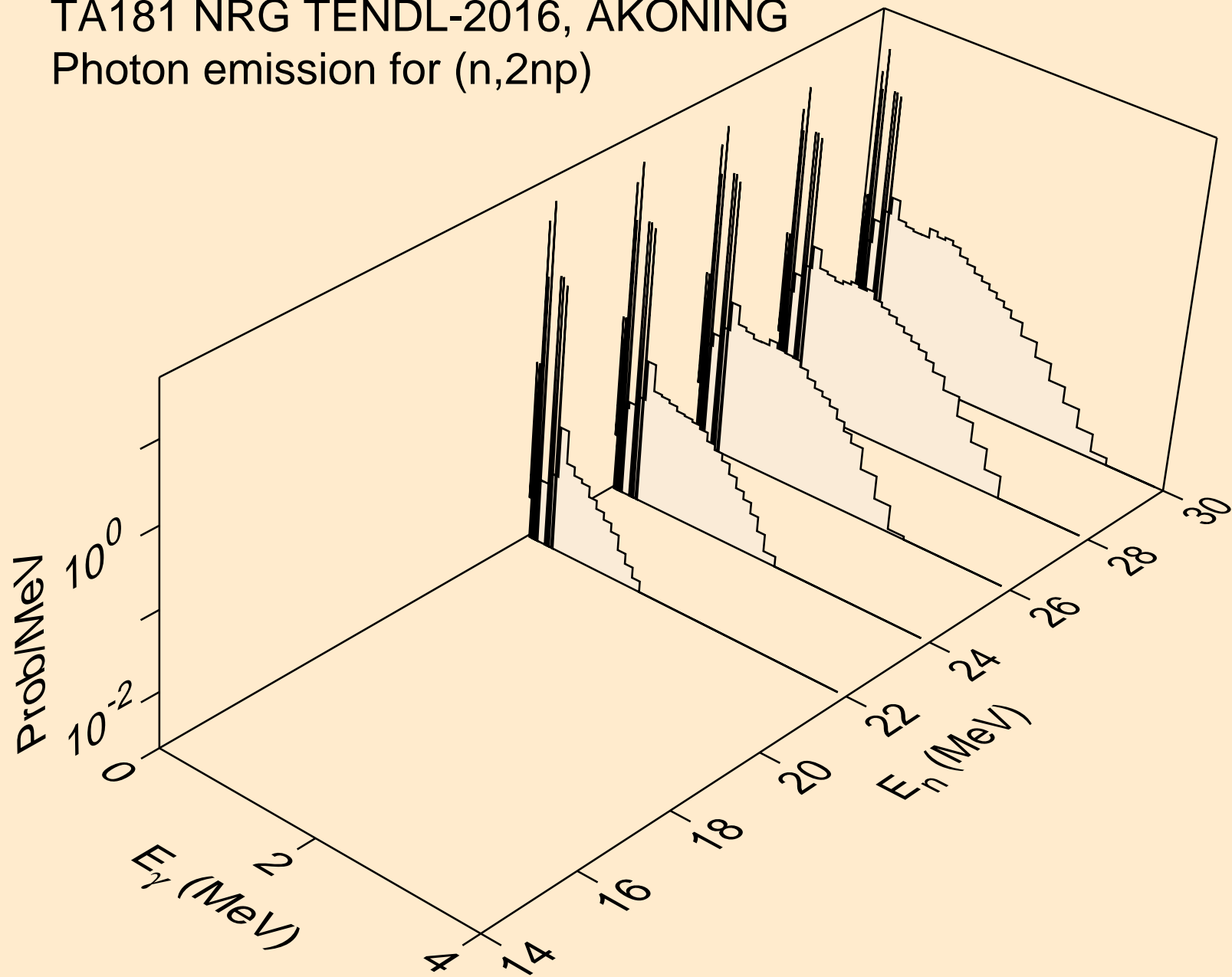
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,2np)



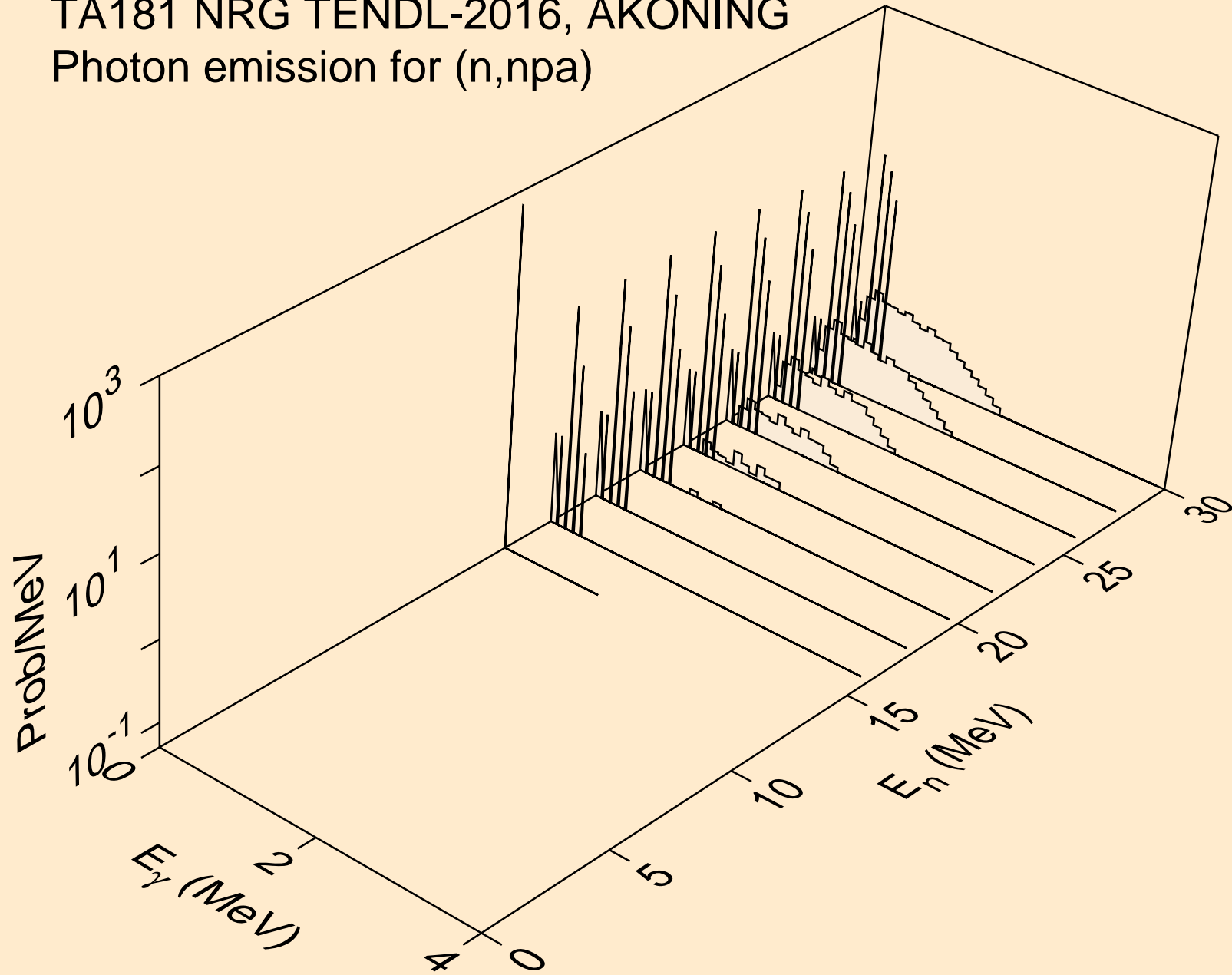
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,3np)



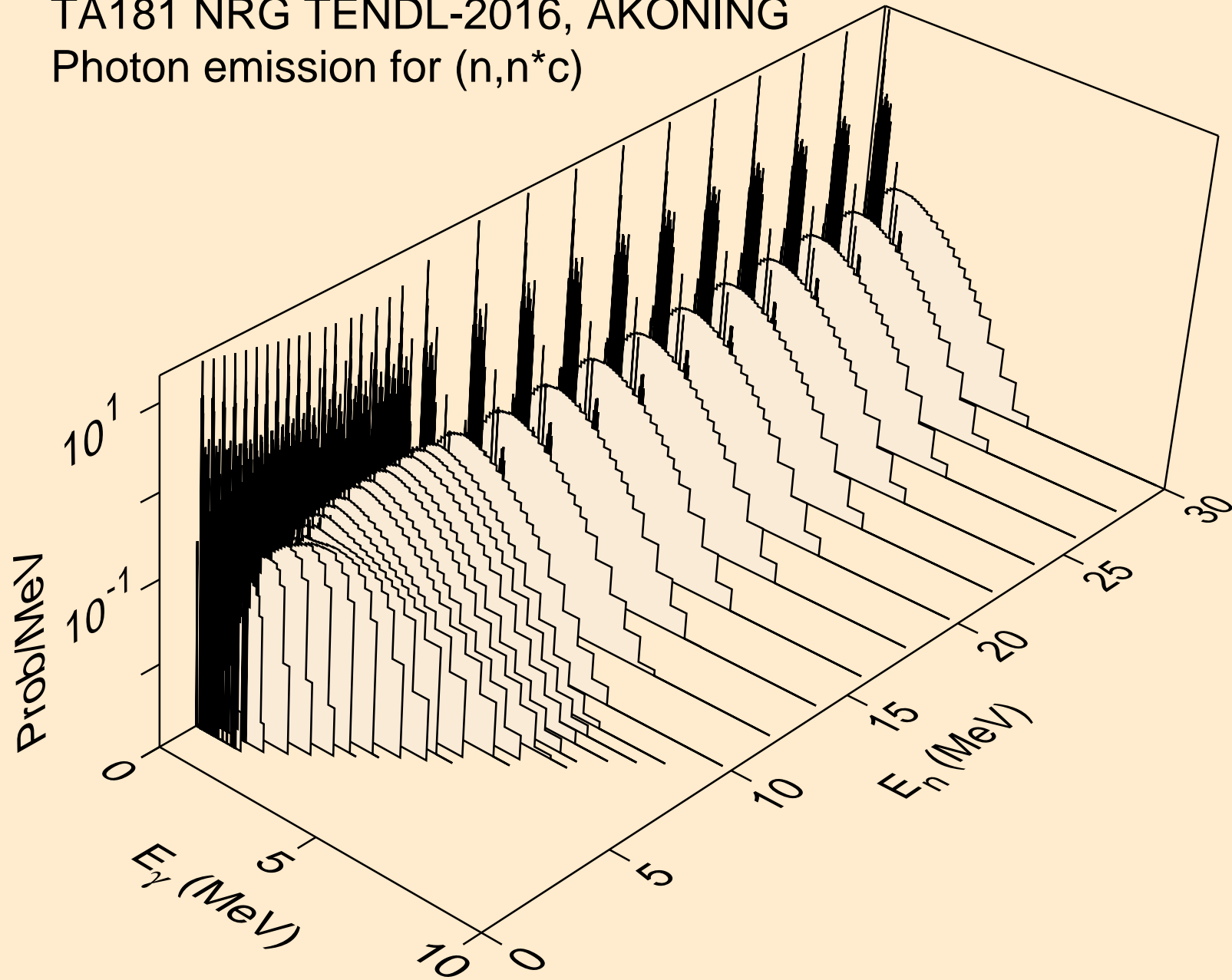
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,2np)



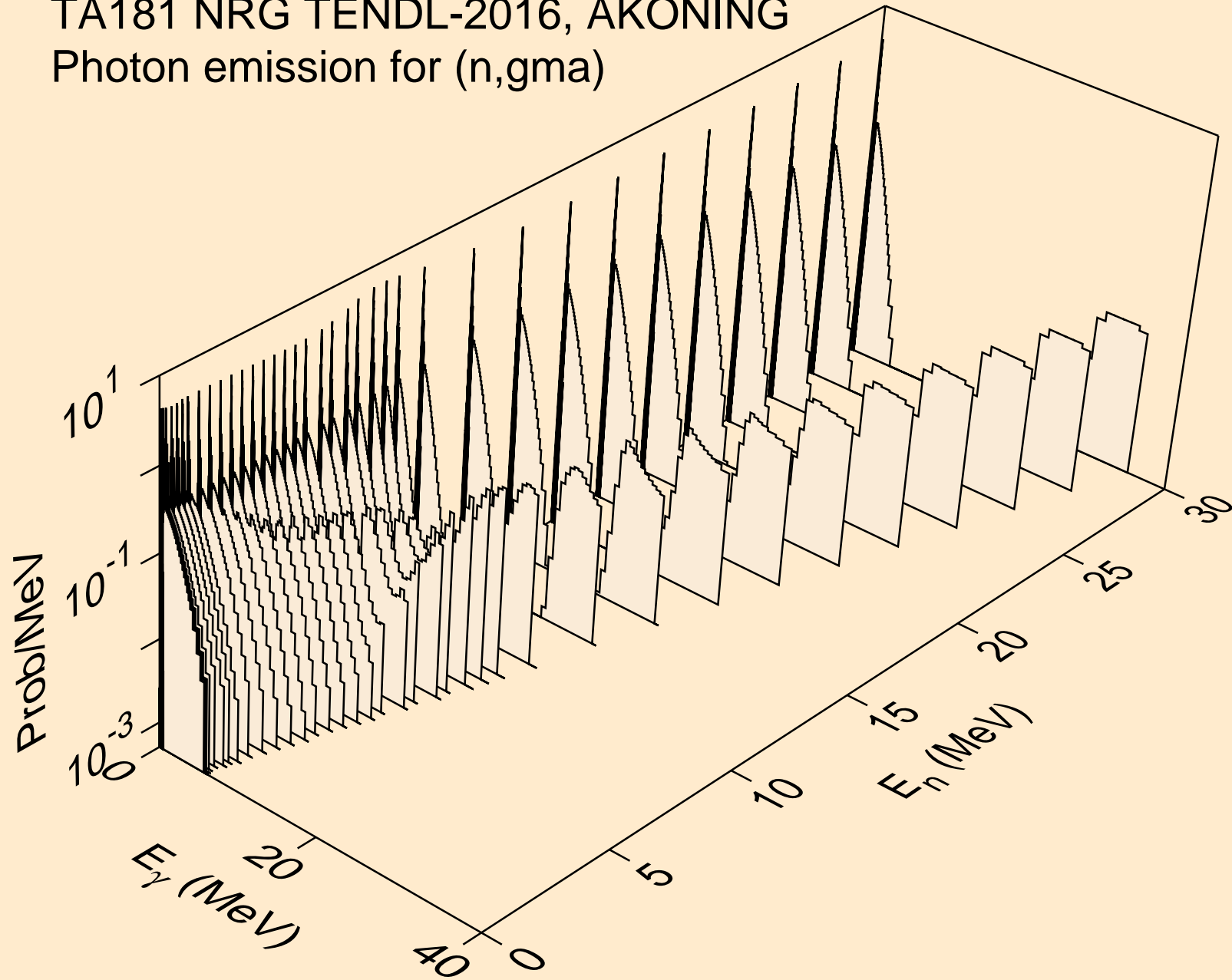
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,npa)



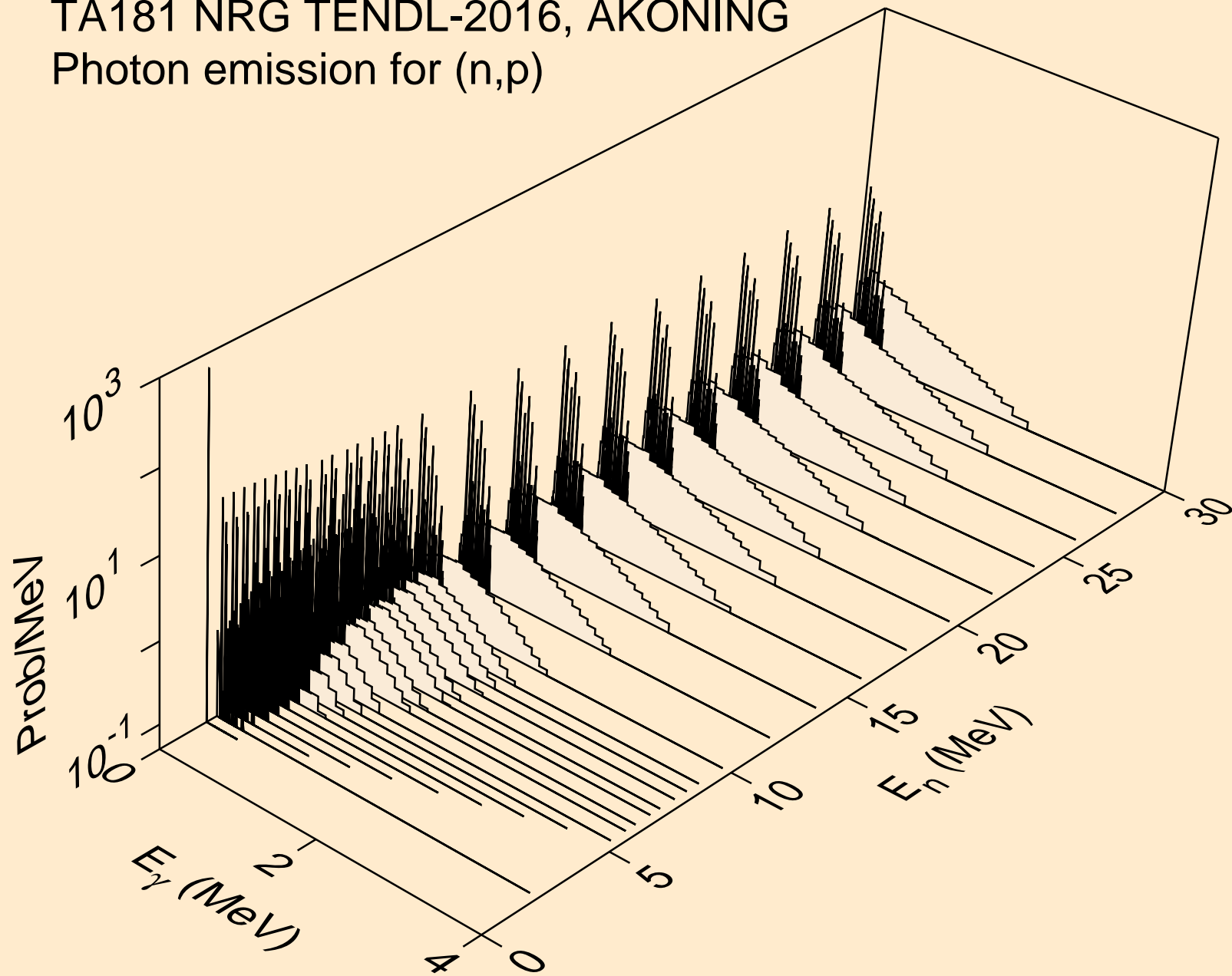
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*c)



TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,gma)

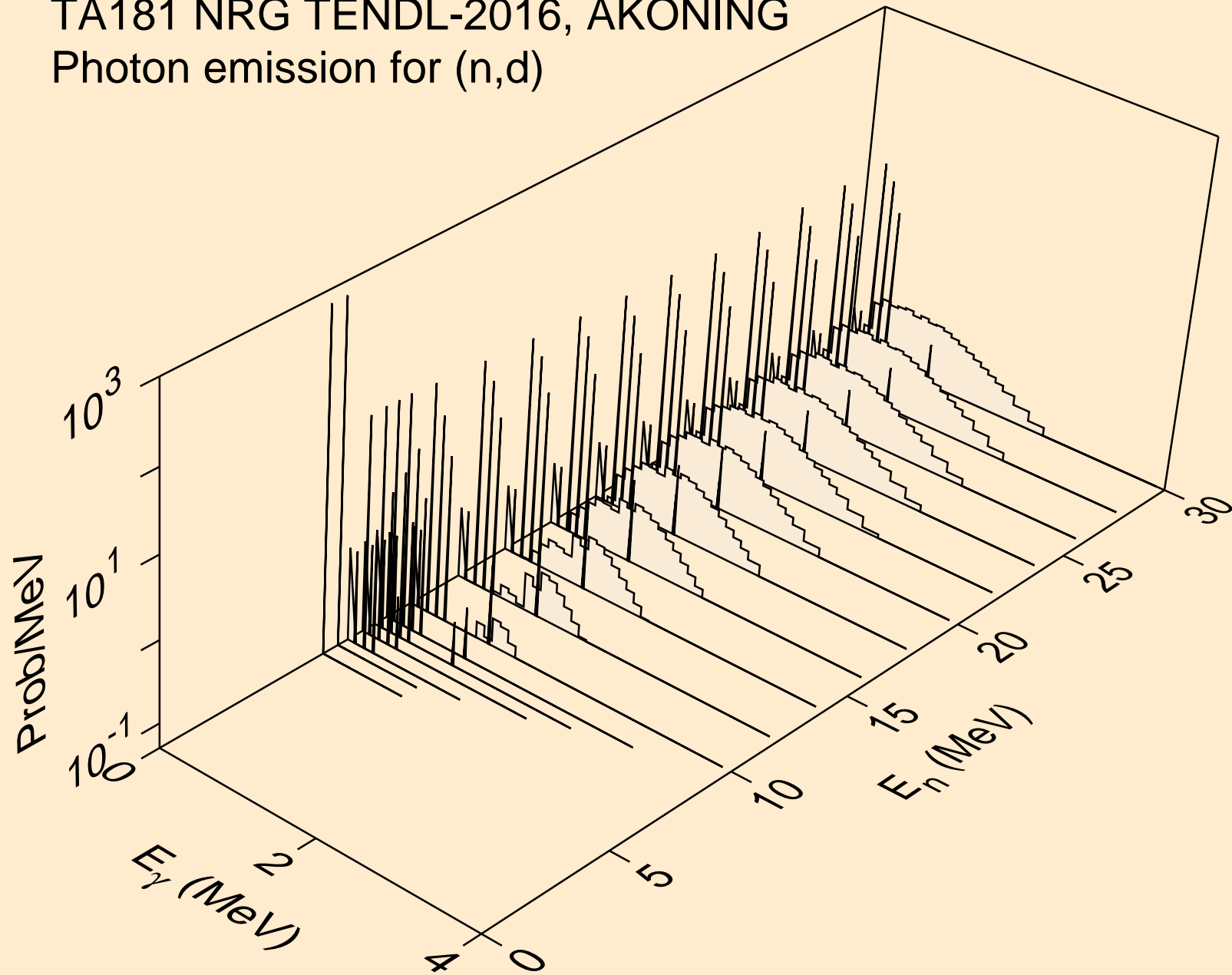


TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,p)

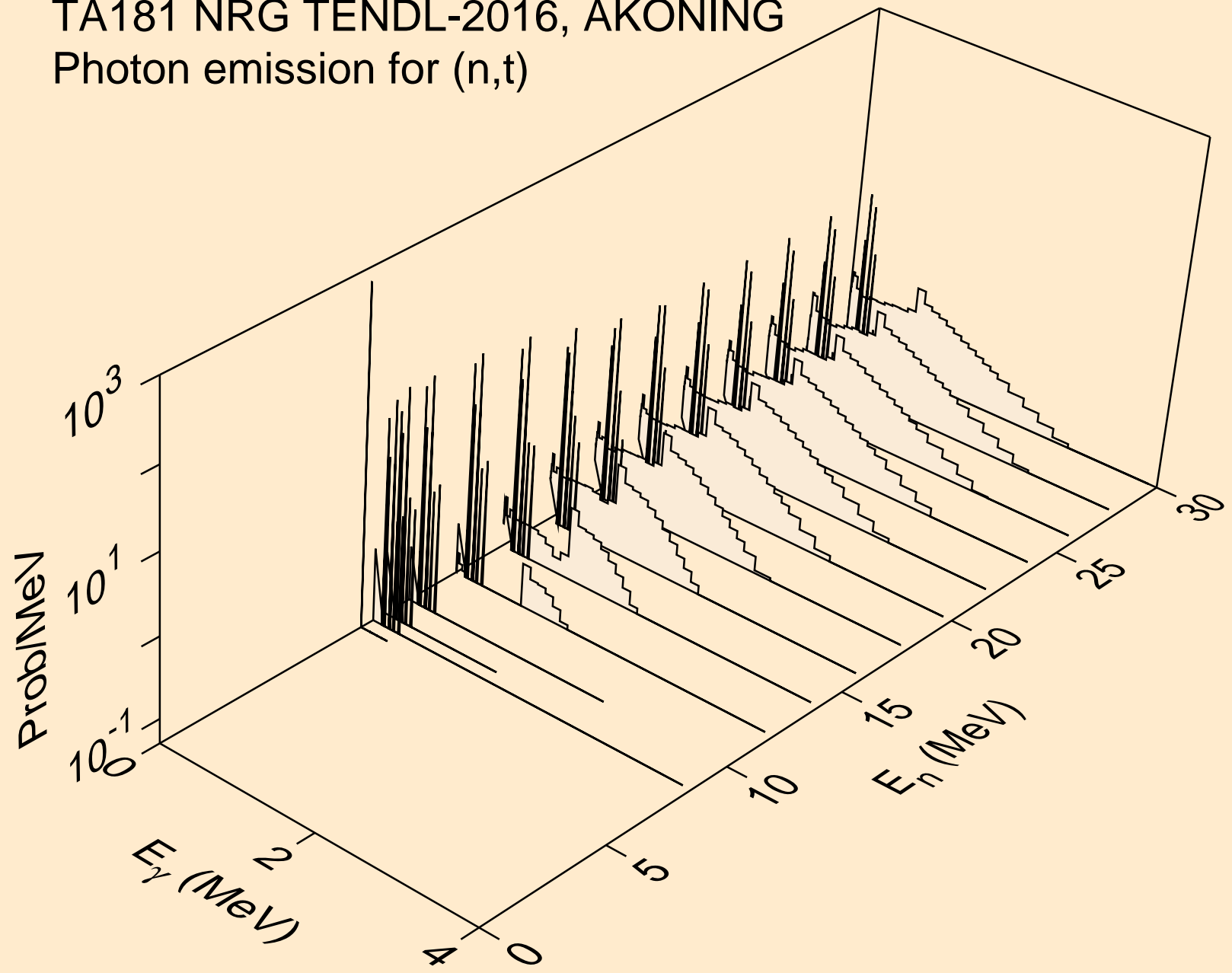




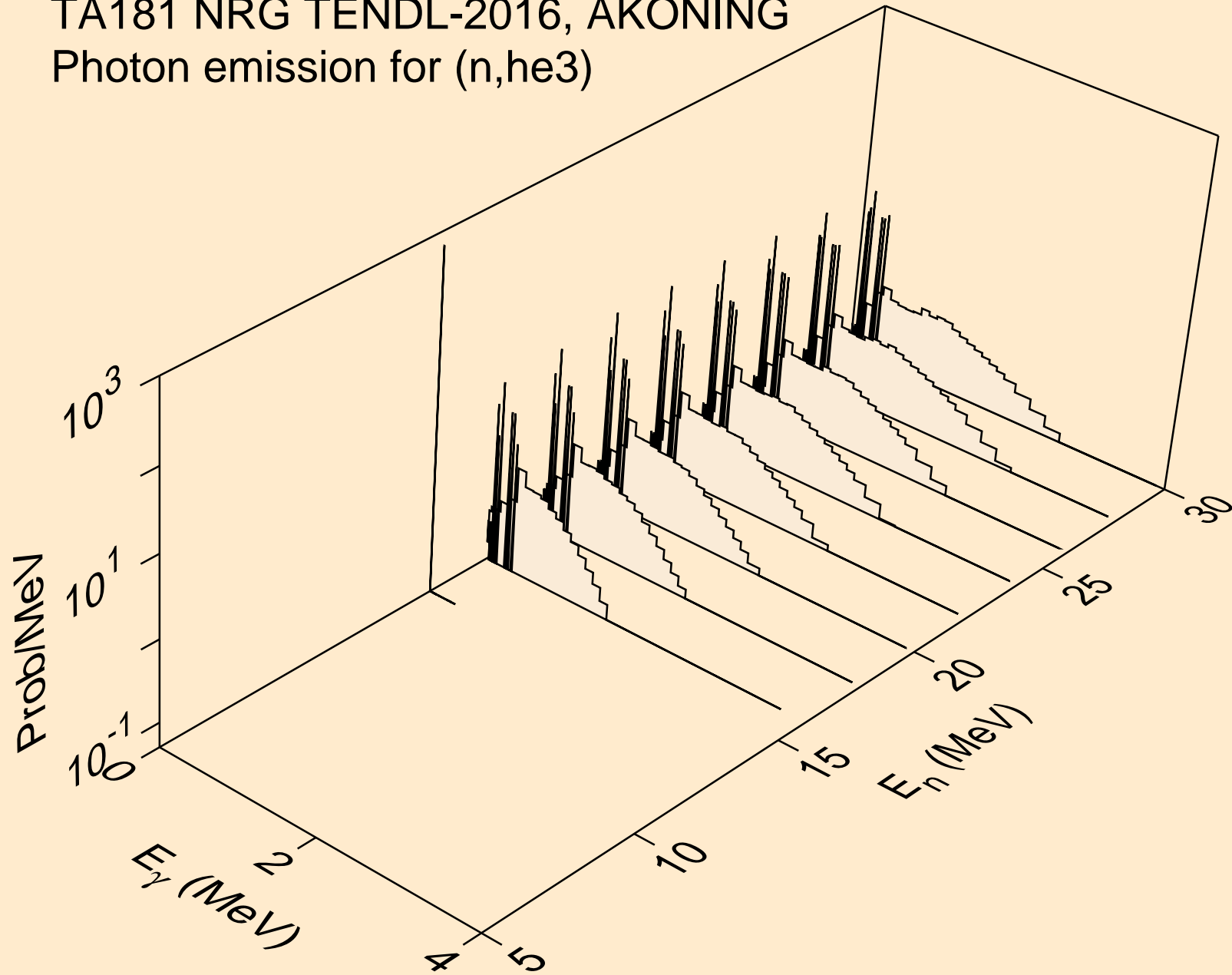
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,d)



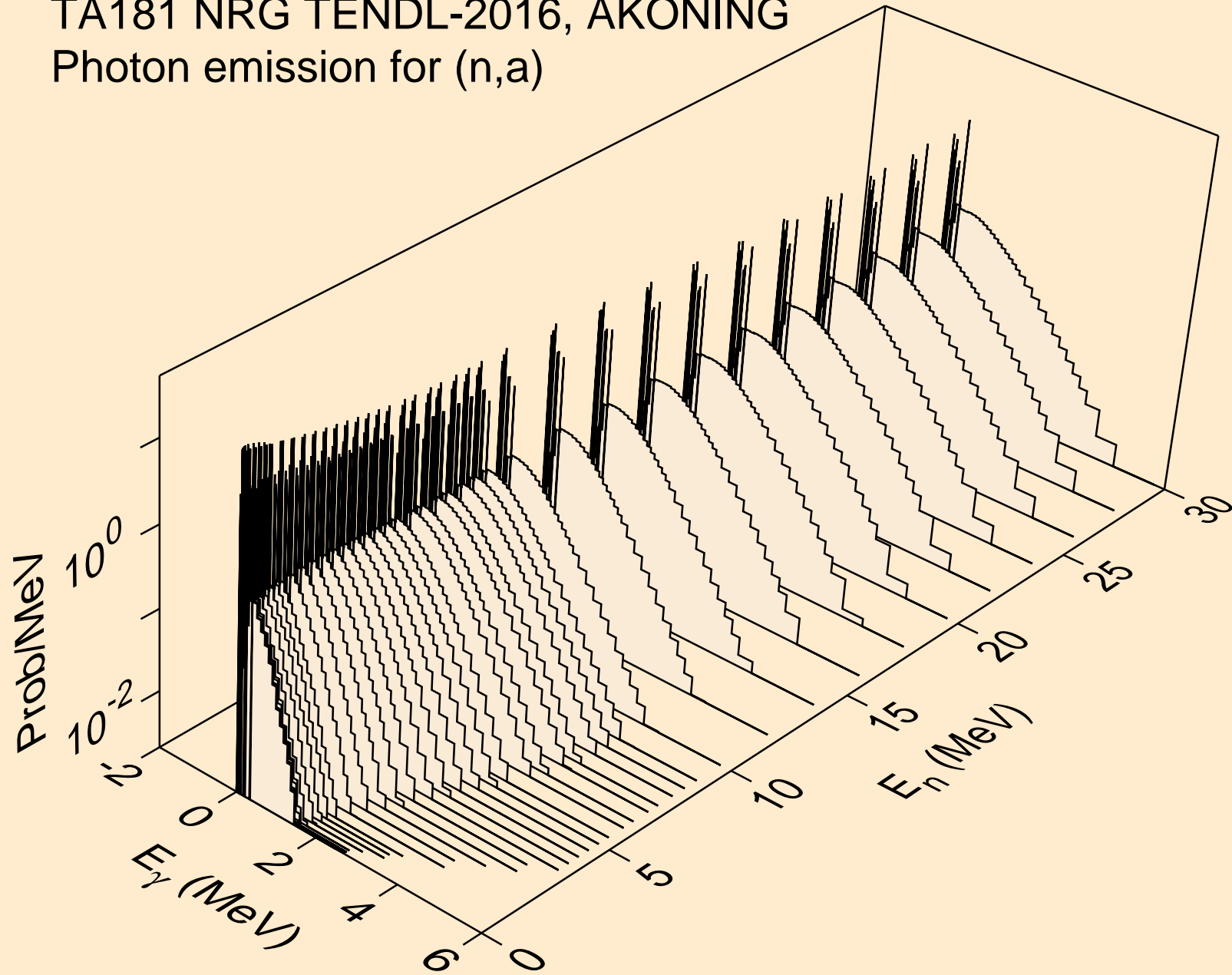
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,t)



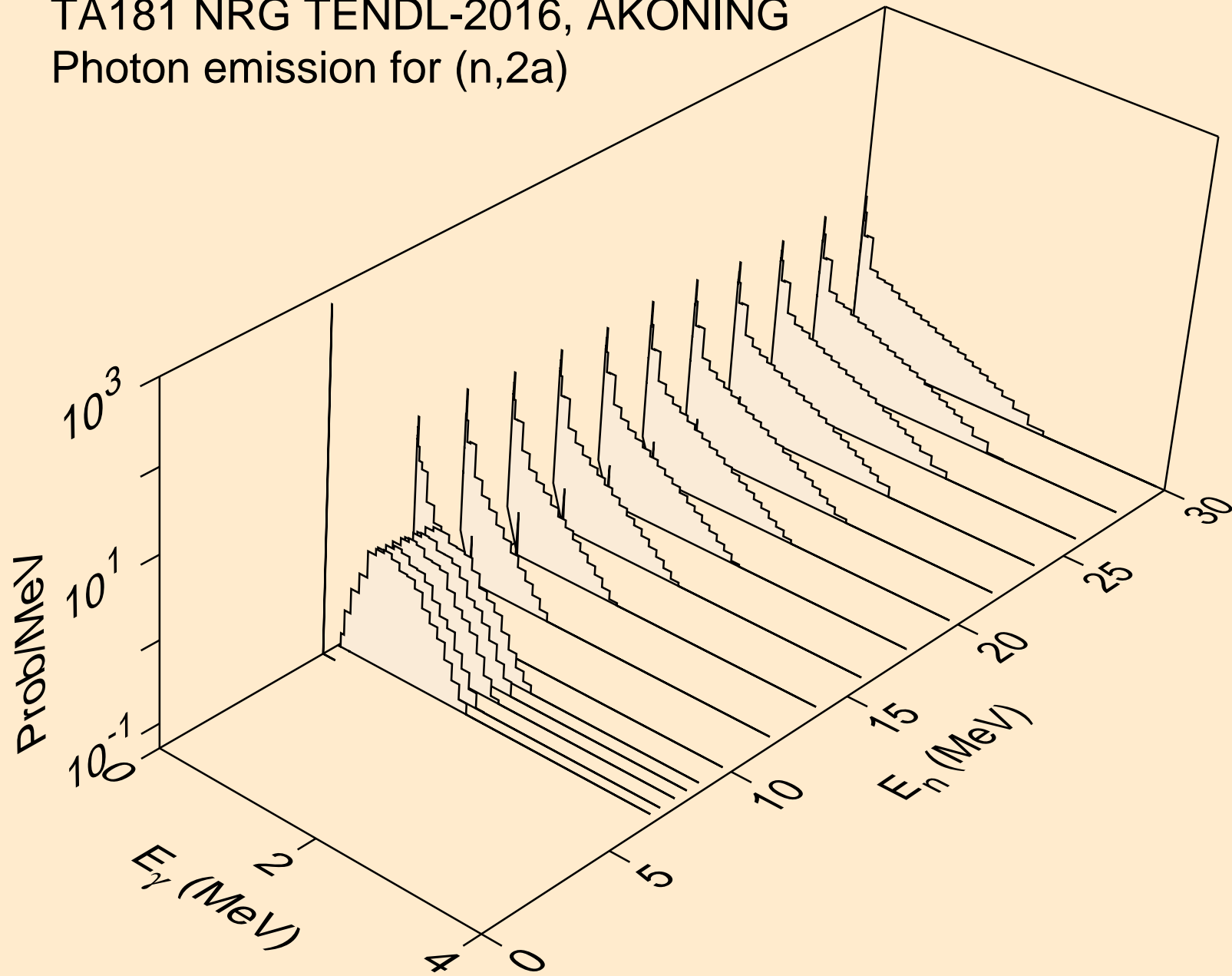
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,he3)



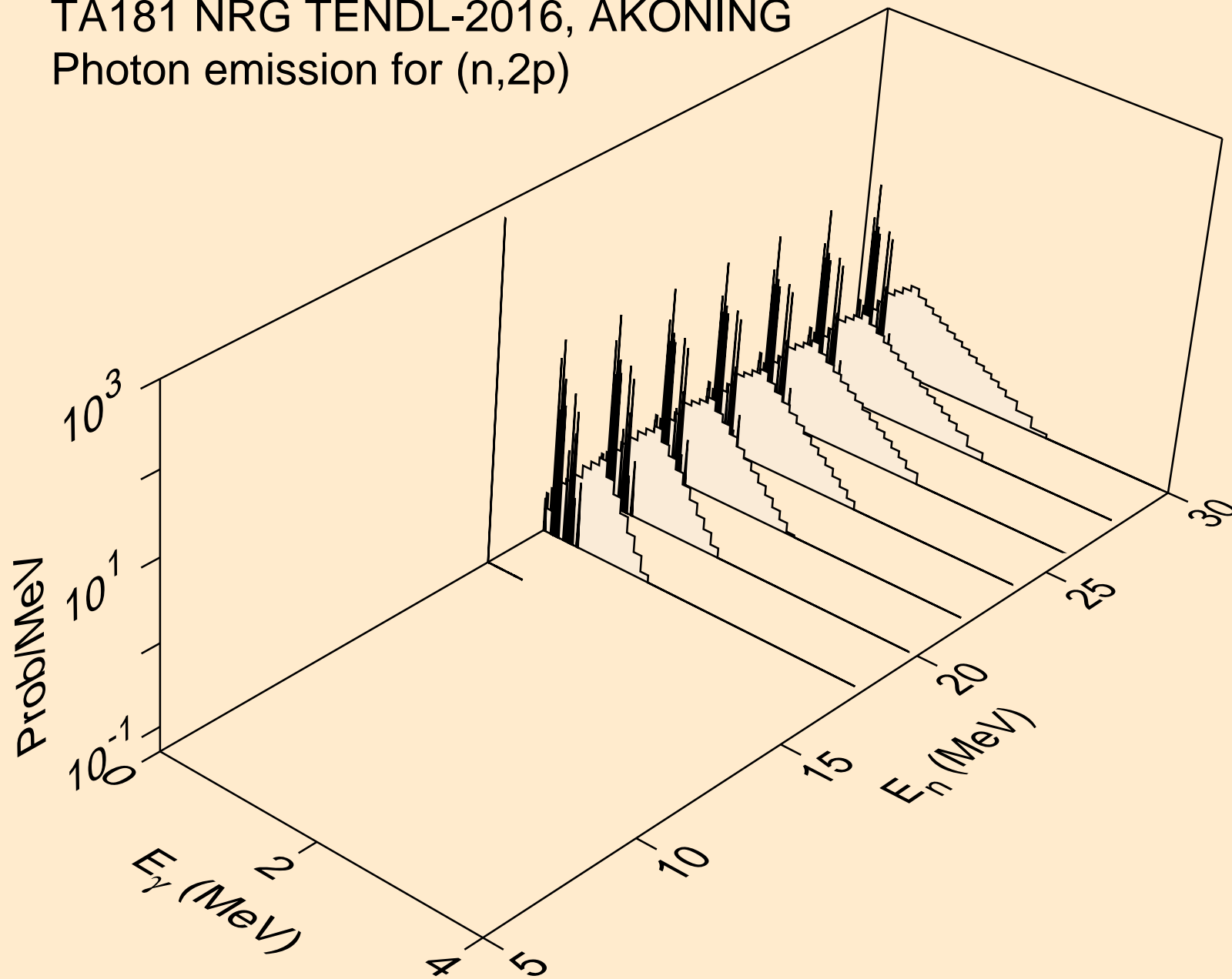
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,a)



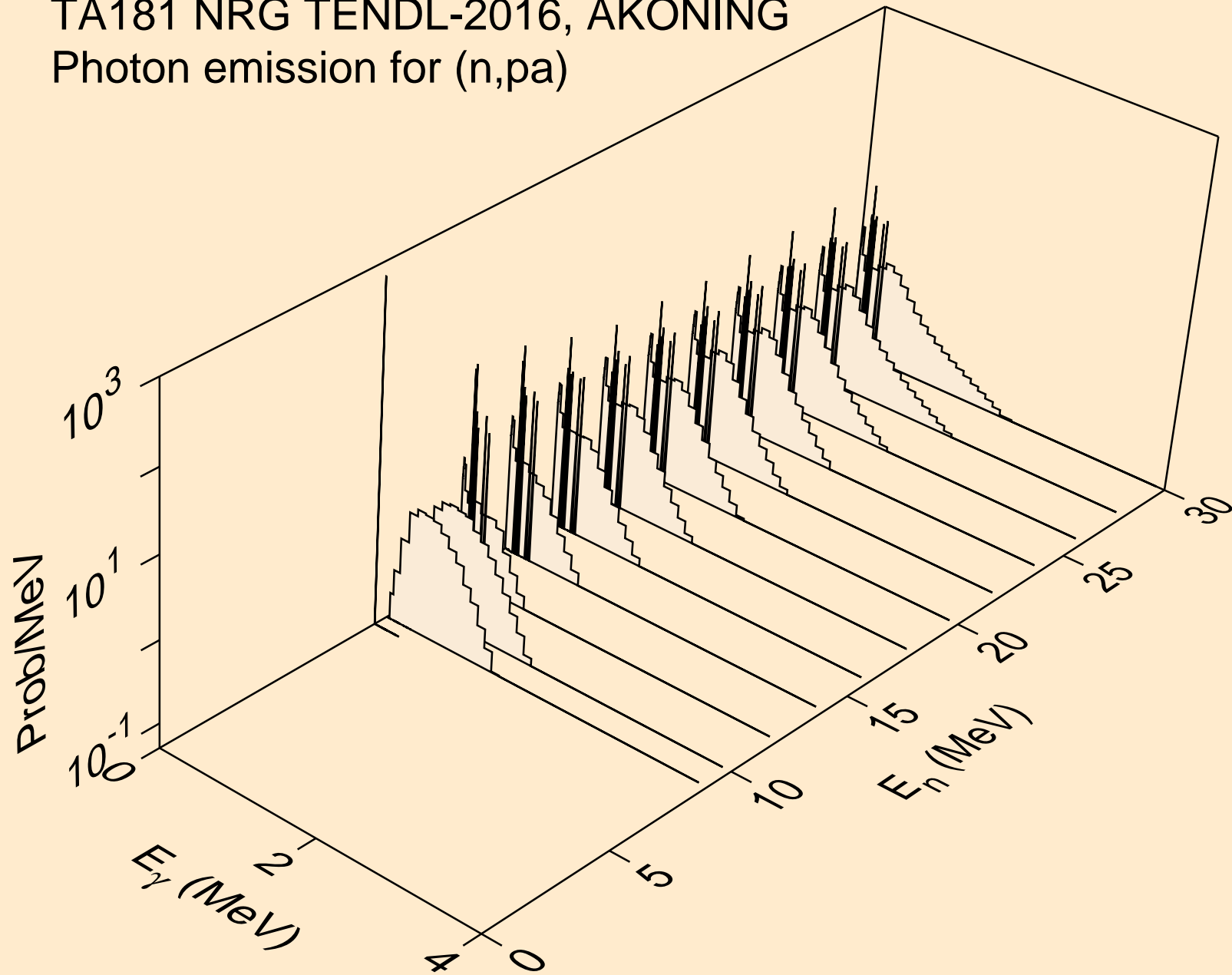
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,2a)



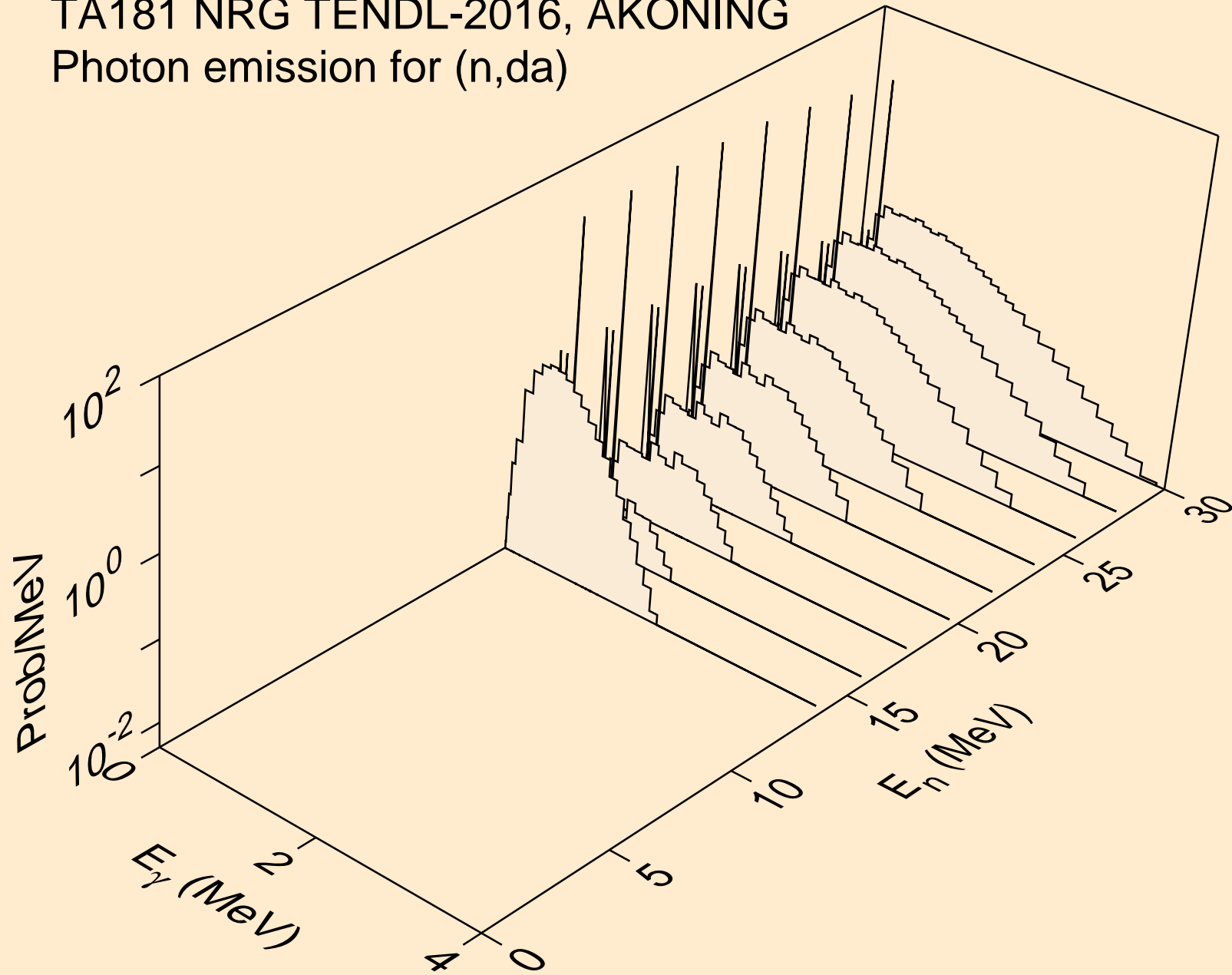
TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,2p)



TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,p $\alpha$ )

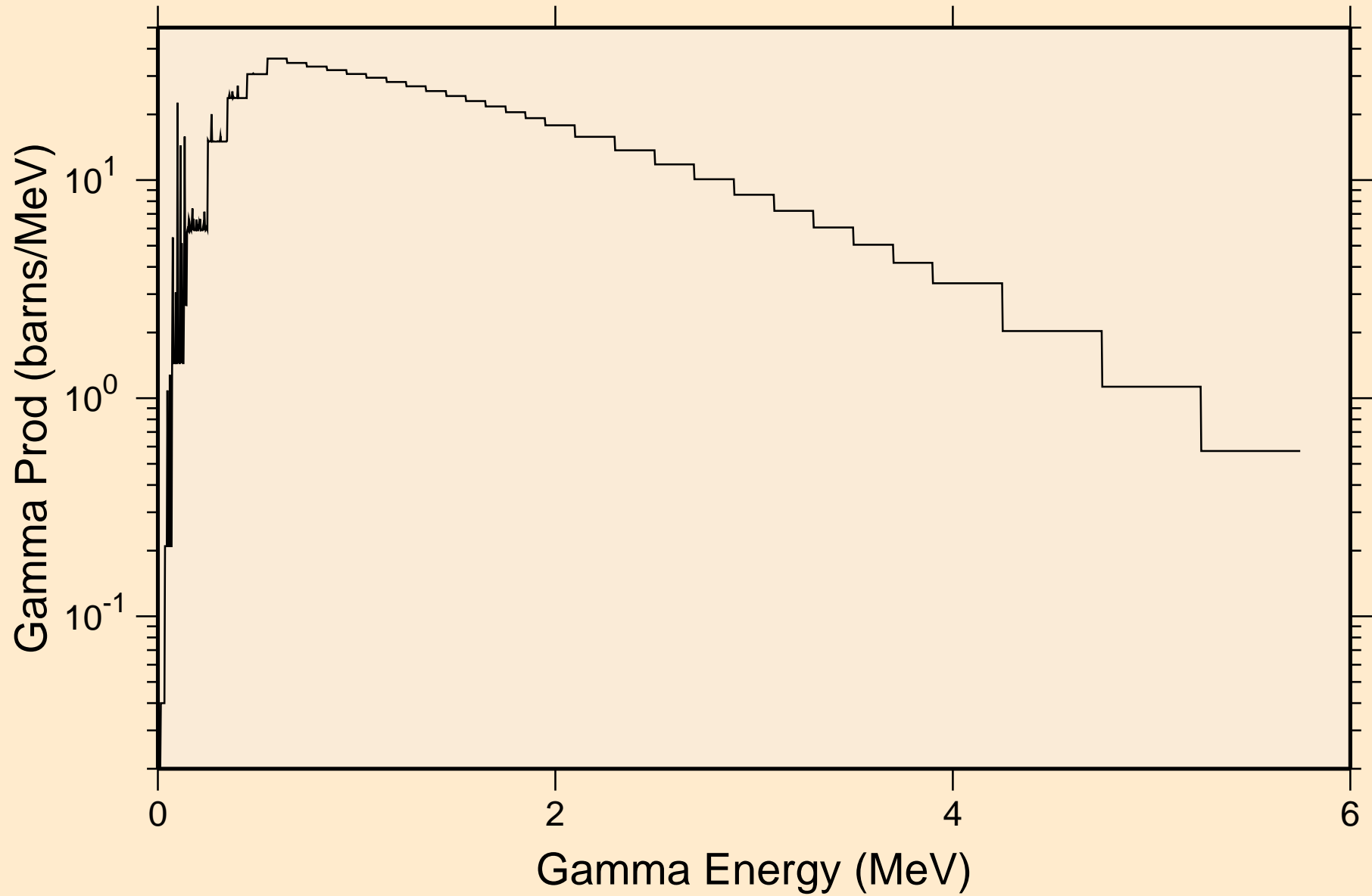


TA181 NRG TENDL-2016, AKONING  
Photon emission for (n,da)

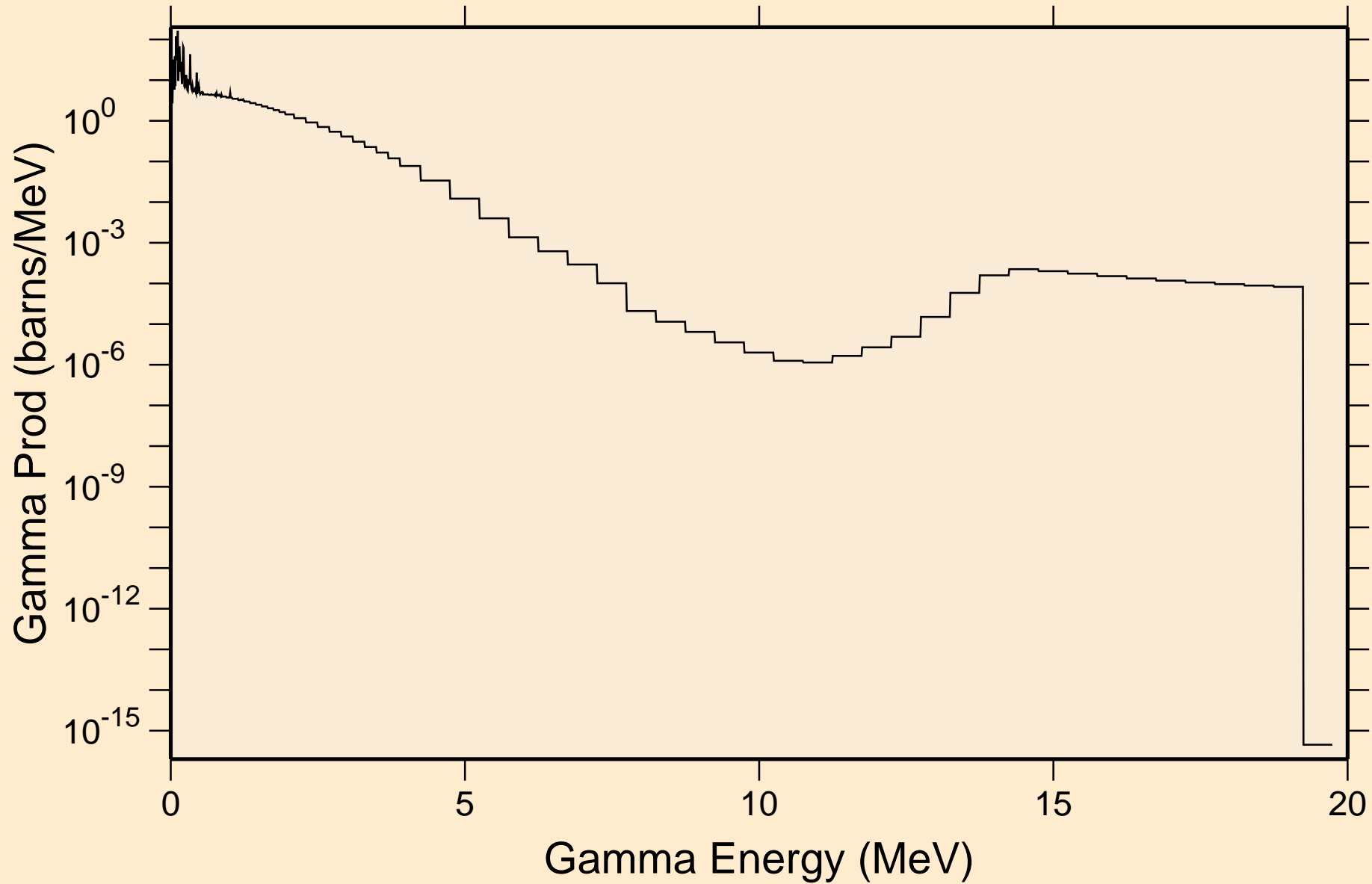




TA181 NRG TENDL-2016, AKONING  
thermal capture photon spectrum

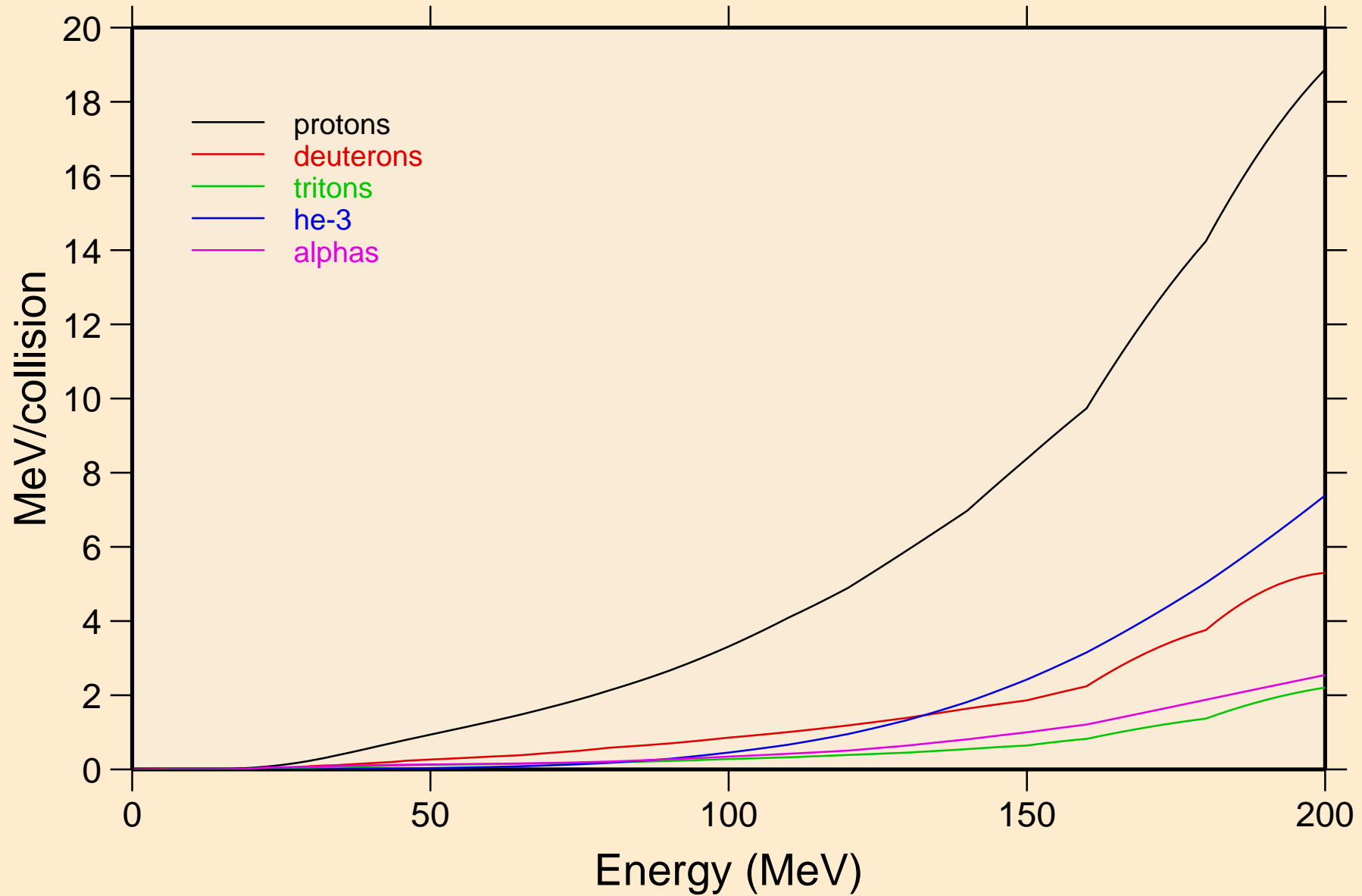


TA181 NRG TENDL-2016, AKONING  
14 MeV photon spectrum



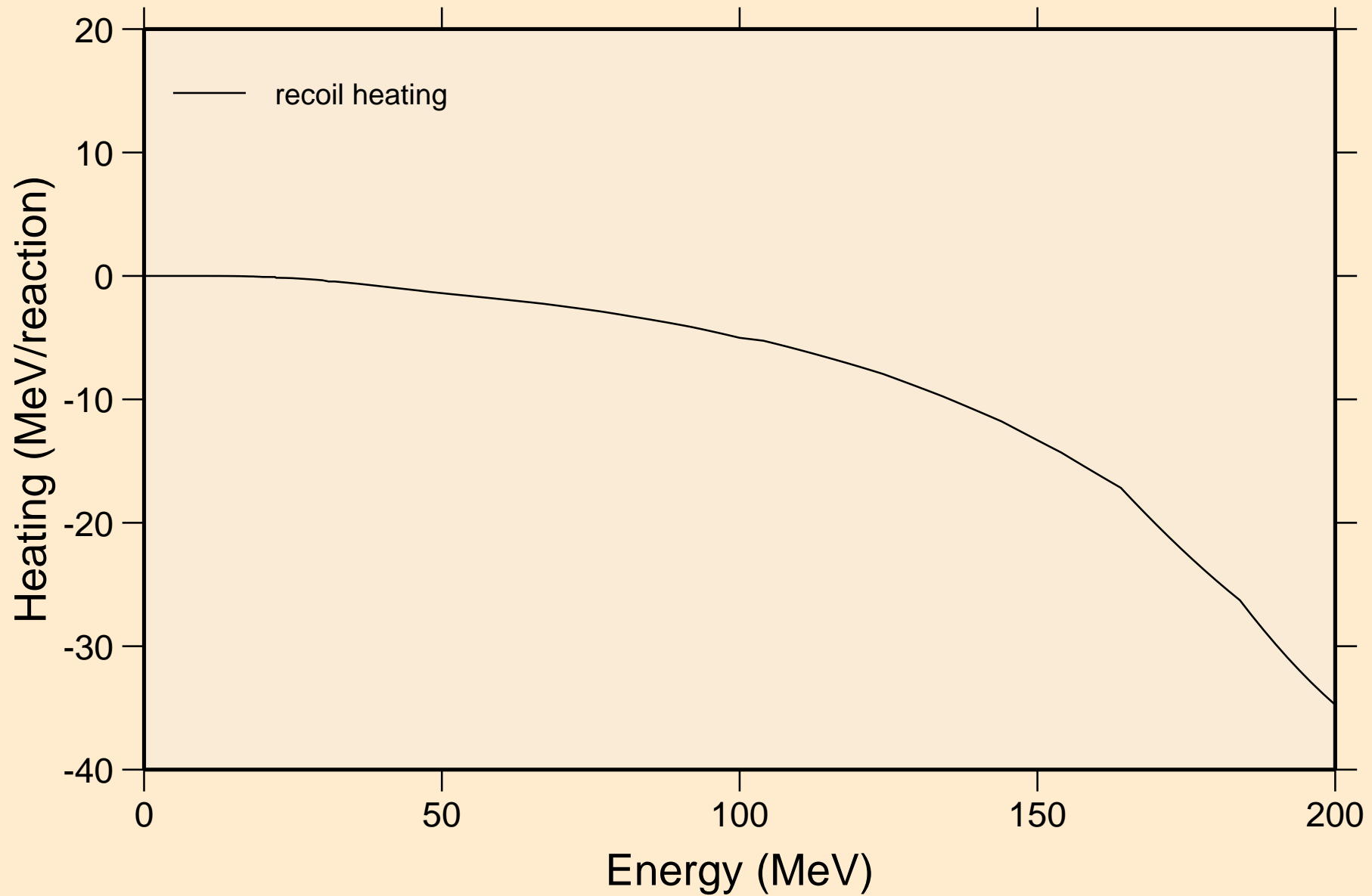
# TA181 NRG TENDL-2016, AKONING

## Particle heating contributions



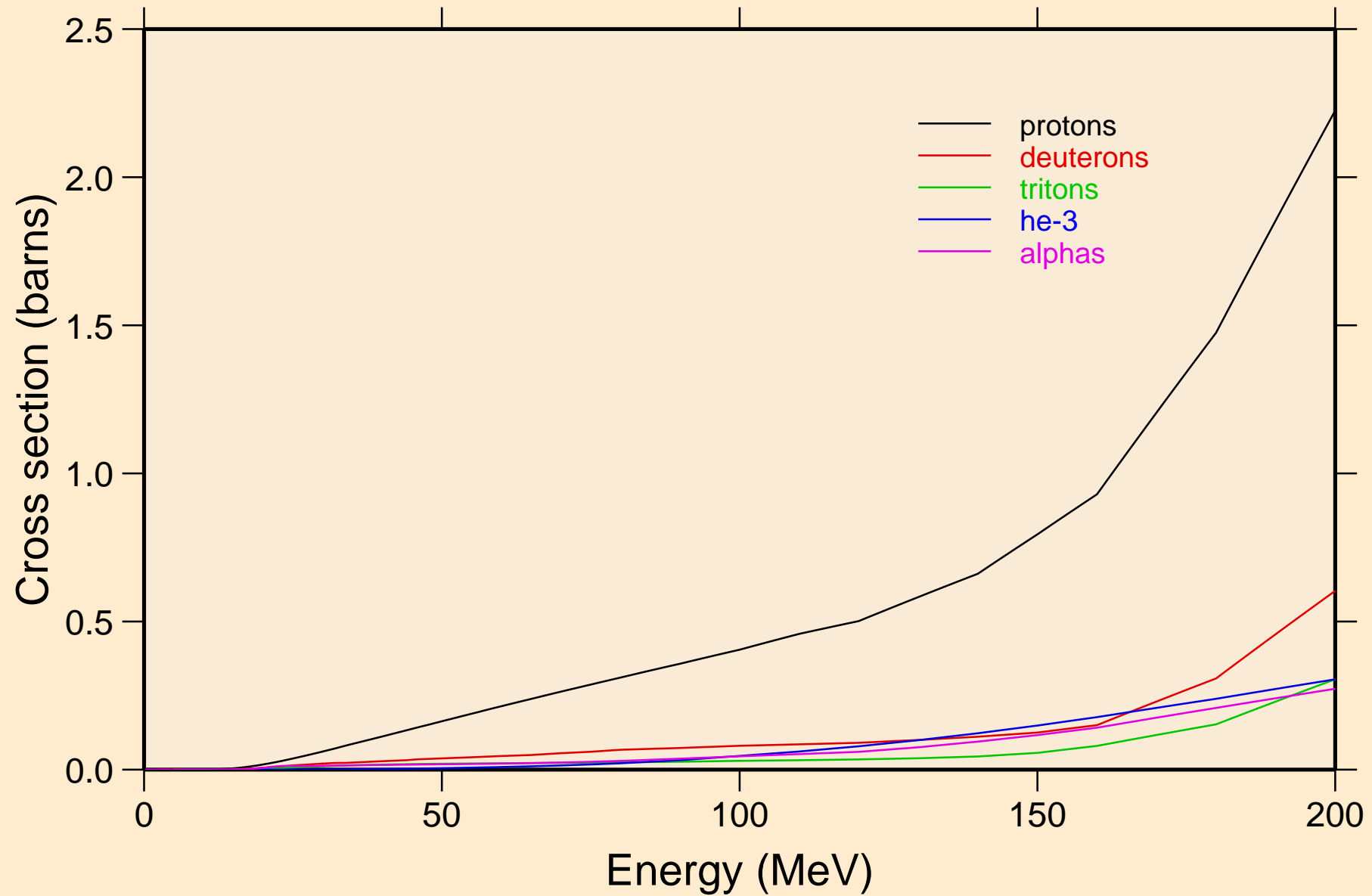
# TA181 NRG TENDL-2016, AKONING

## Recoil Heating

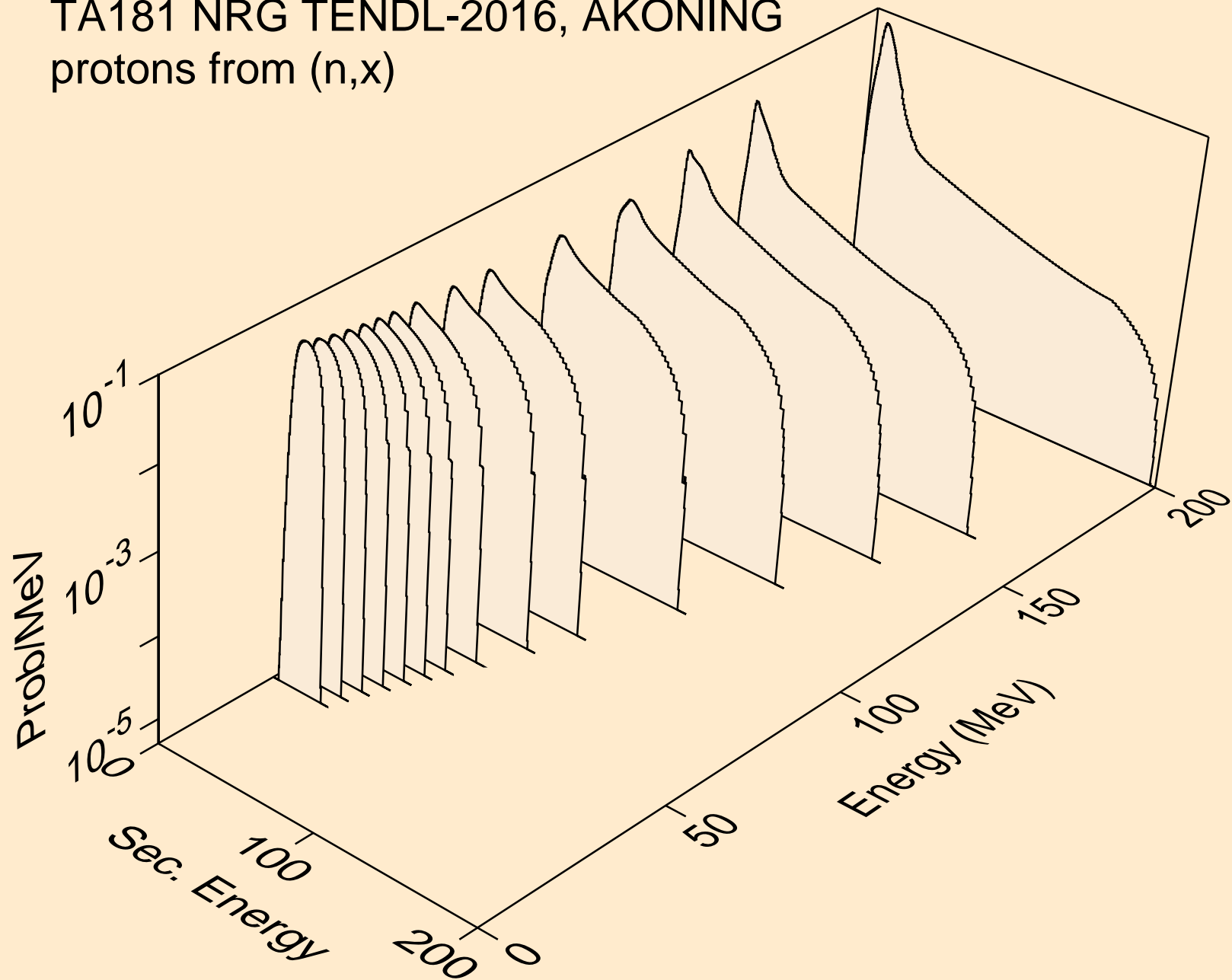


# TA181 NRG TENDL-2016, AKONING

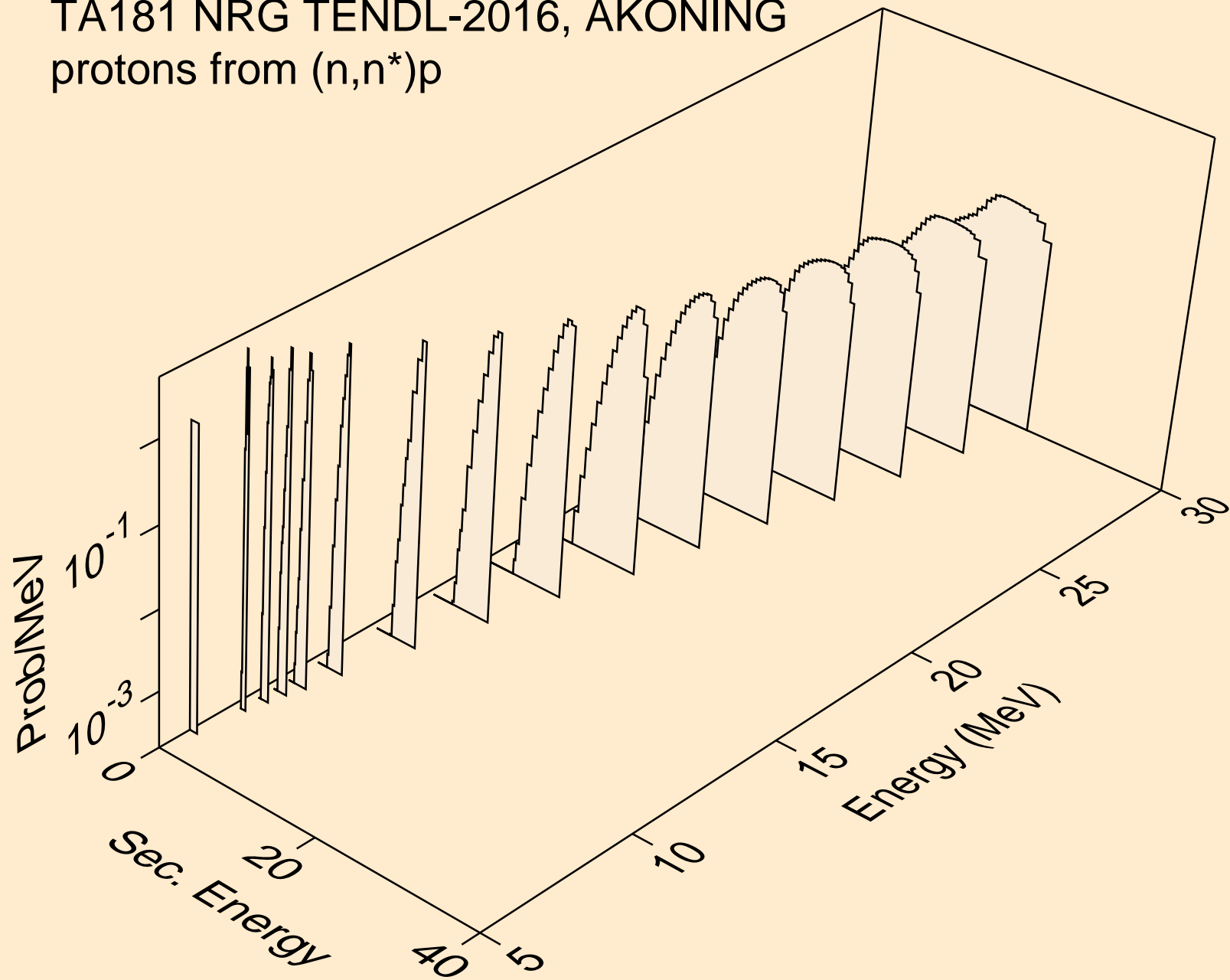
## Particle production cross sections



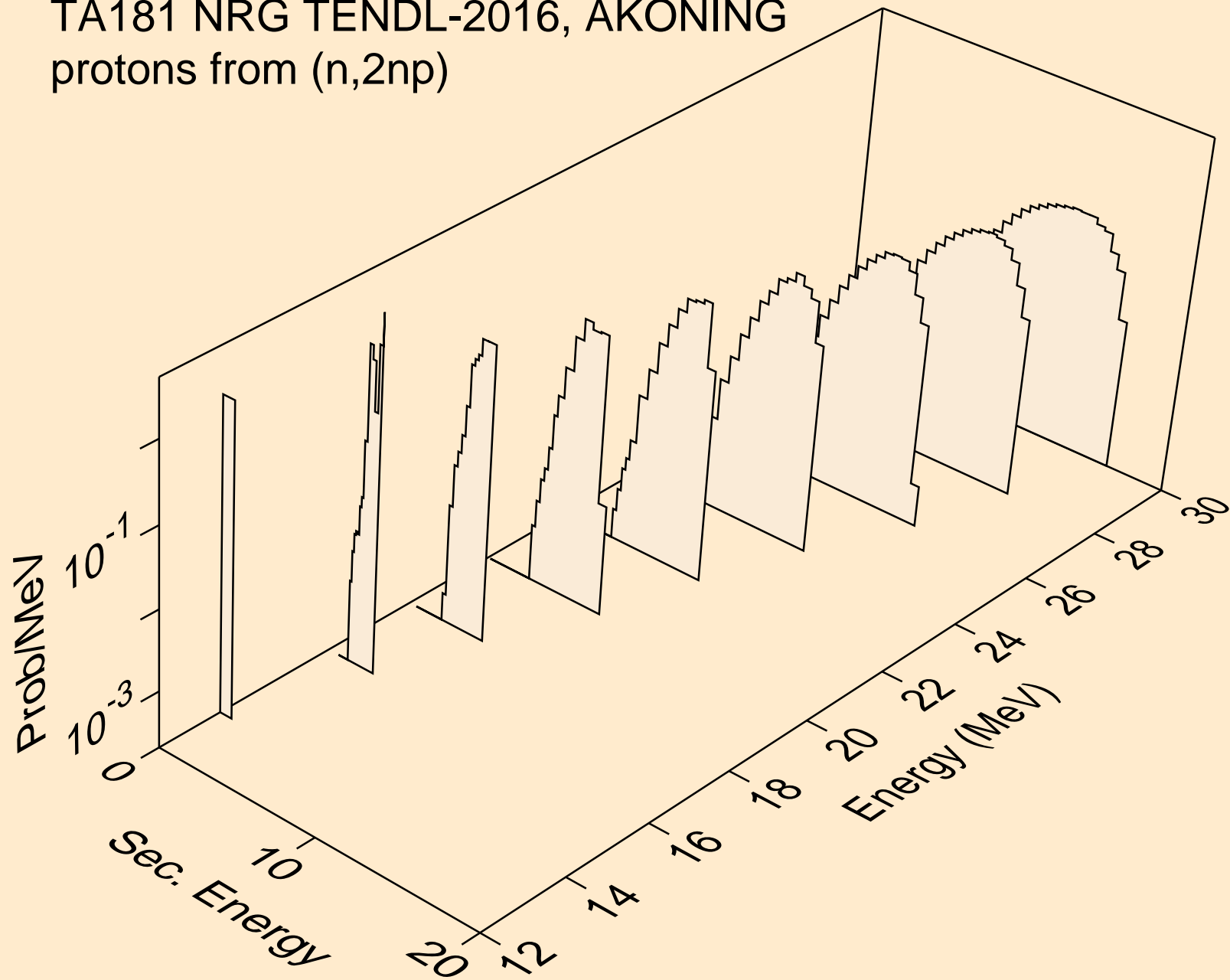
TA181 NRG TENDL-2016, AKONING  
protons from (n,x)



TA181 NRG TENDL-2016, AKONING  
protons from (n,n\*)p

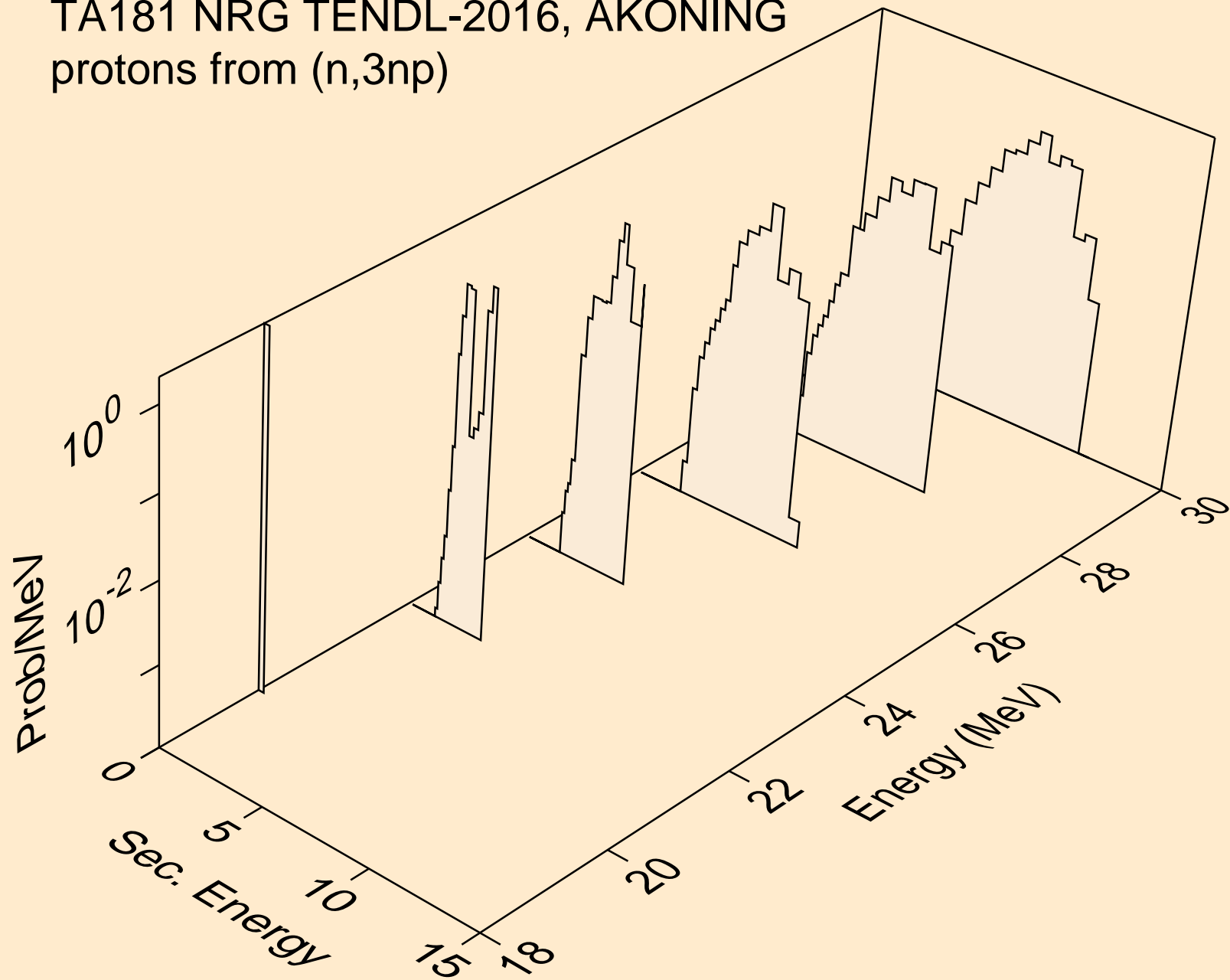


TA181 NRG TENDL-2016, AKONING  
protons from (n,2np)

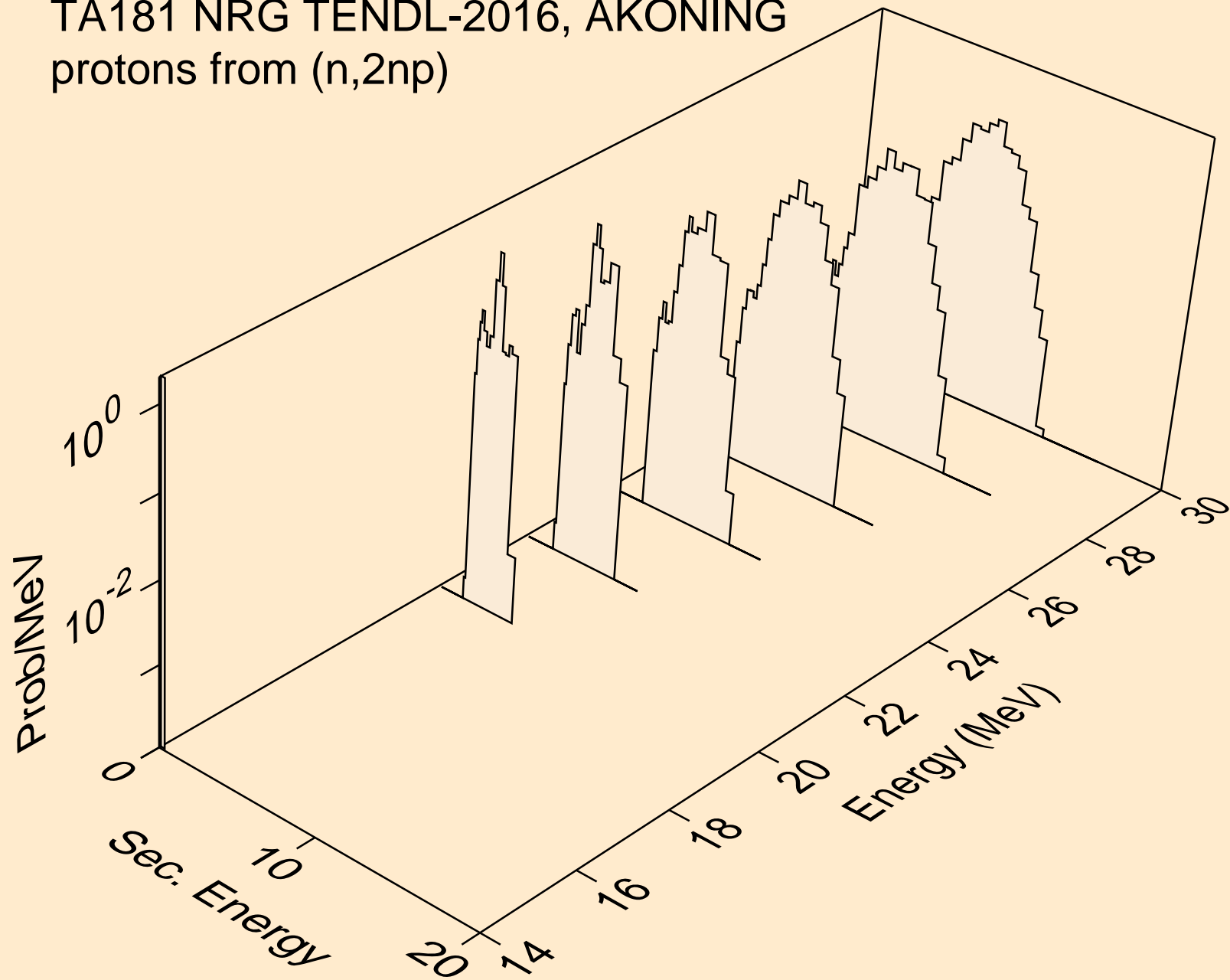




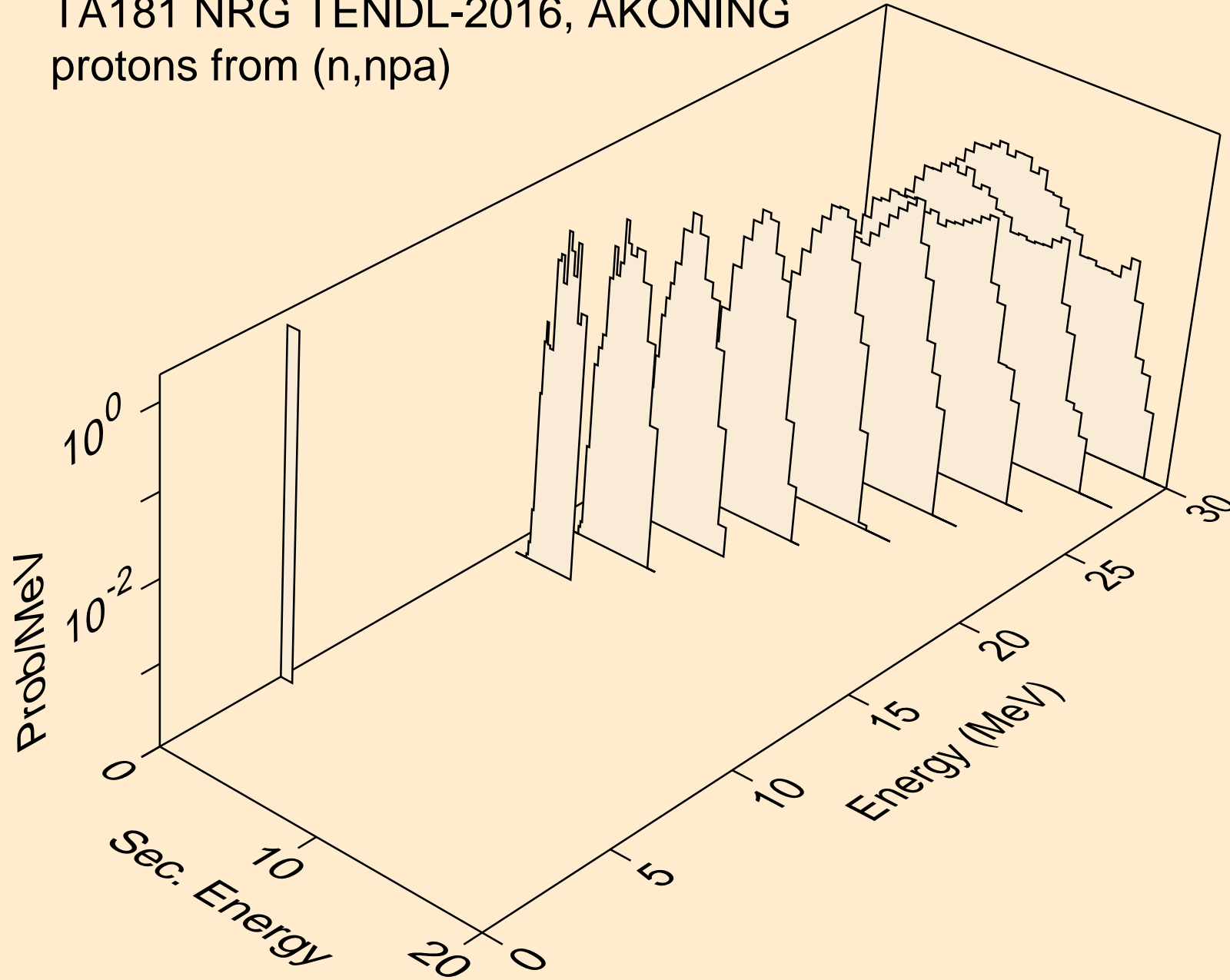
TA181 NRG TENDL-2016, AKONING  
protons from (n,3np)



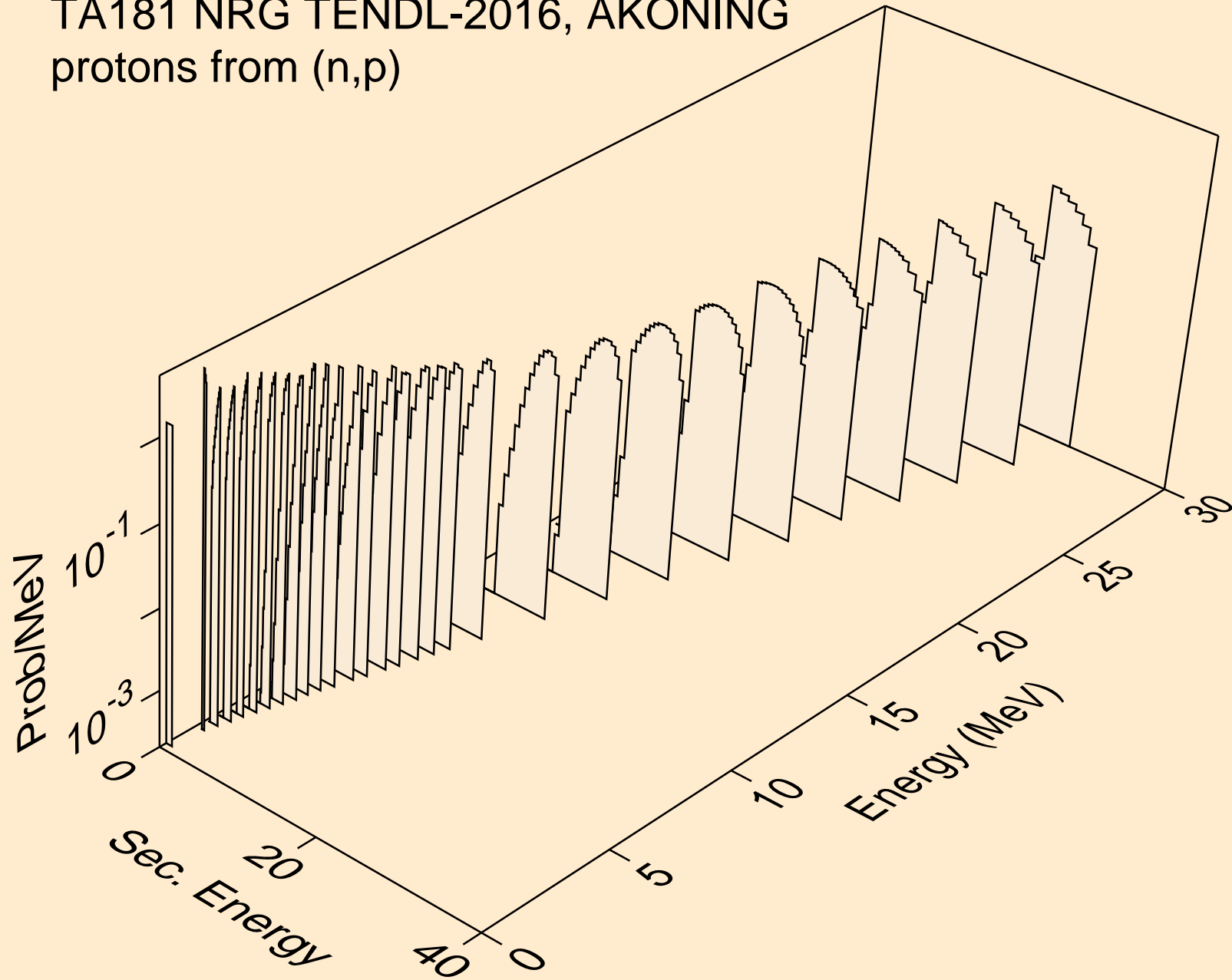
TA181 NRG TENDL-2016, AKONING  
protons from (n,2np)



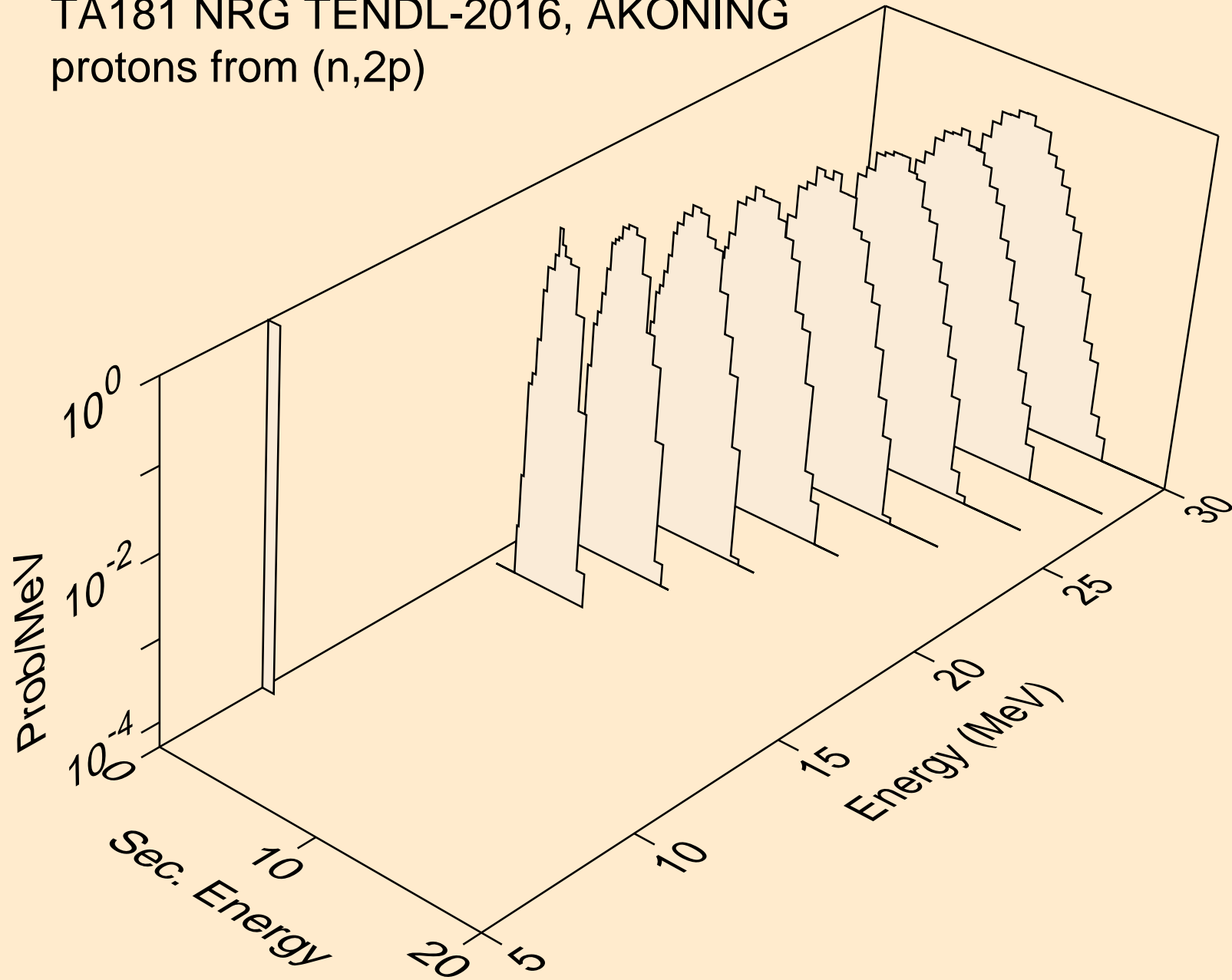
TA181 NRG TENDL-2016, AKONING  
protons from (n,npa)



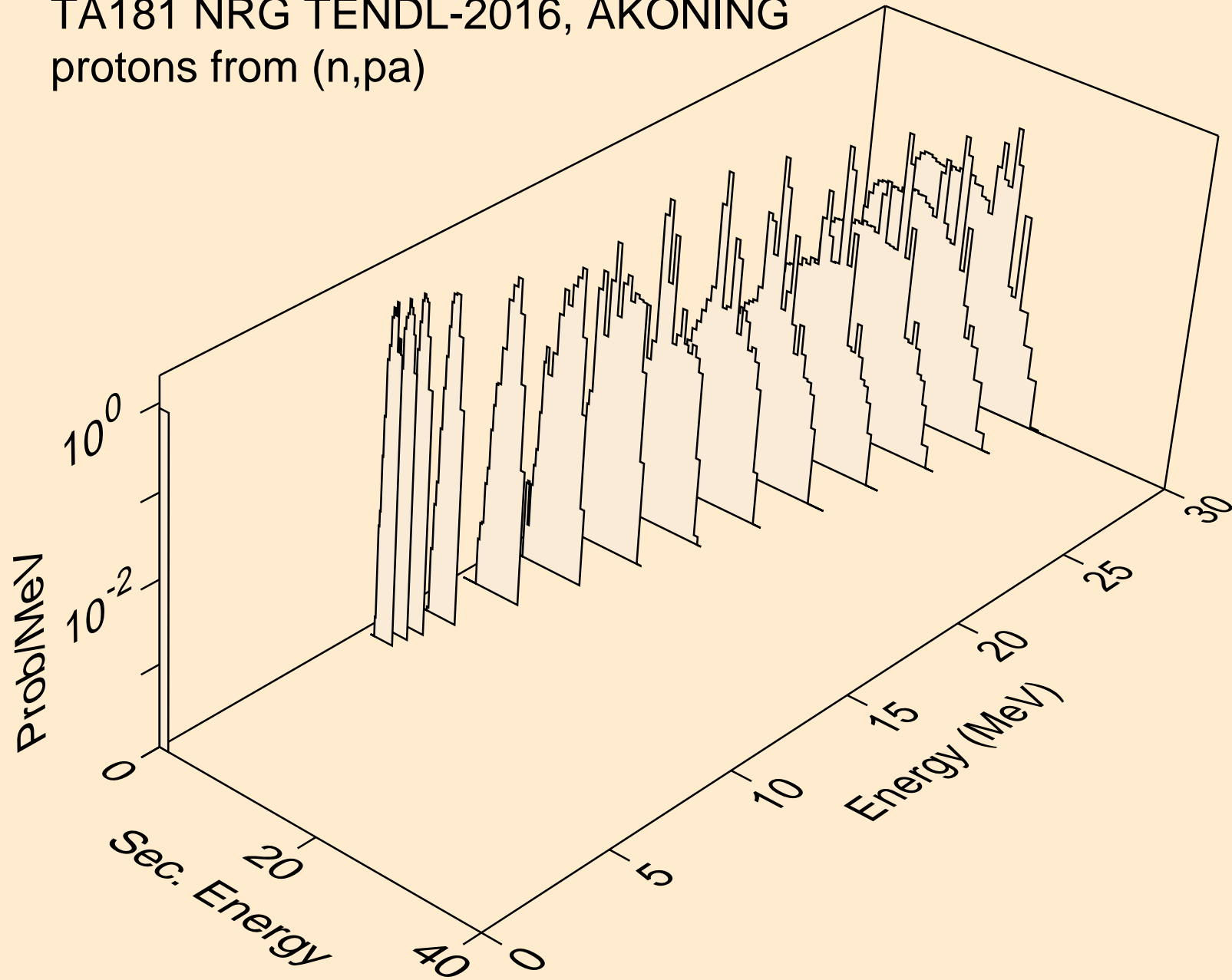
TA181 NRG TENDL-2016, AKONING  
protons from (n,p)



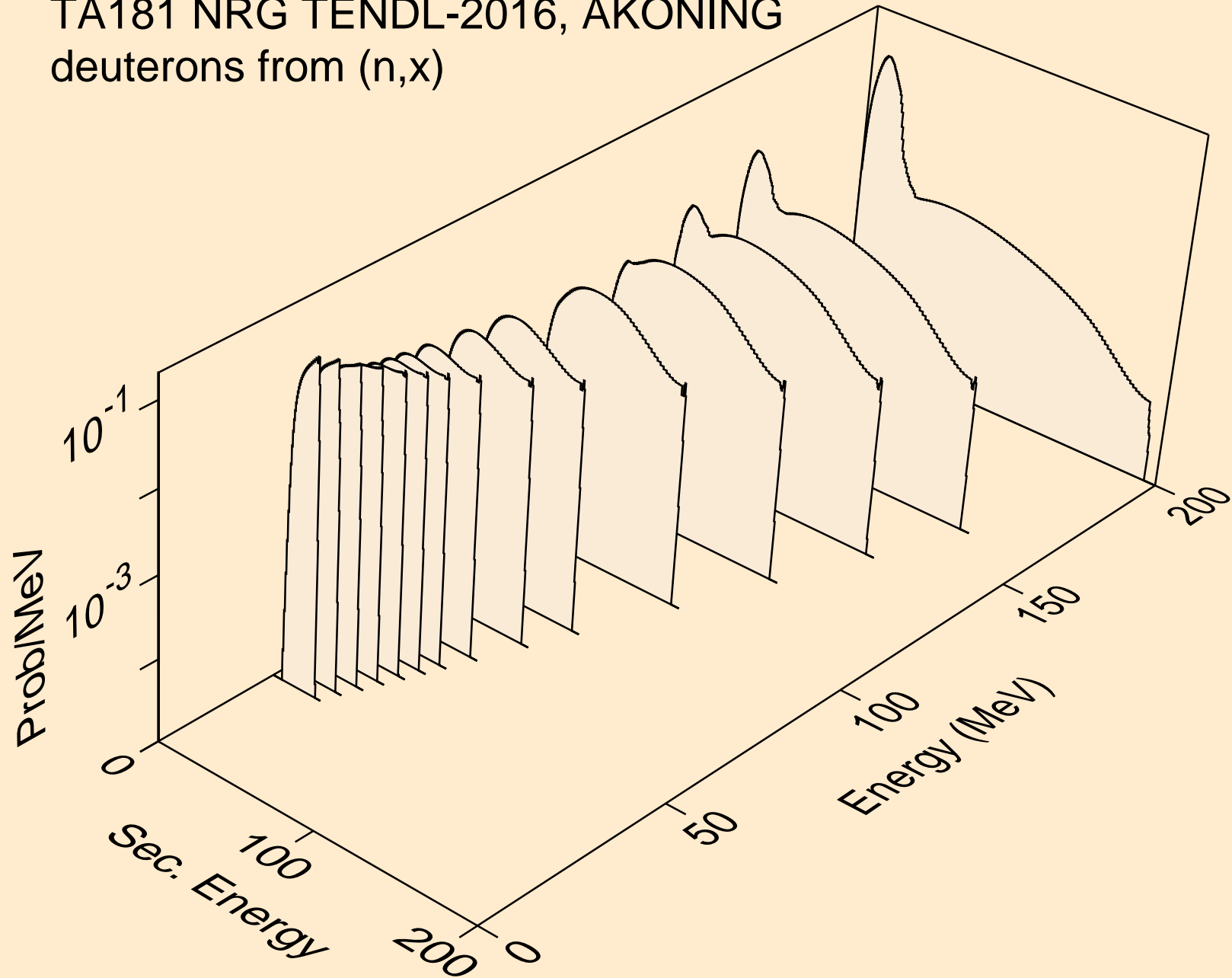
TA181 NRG TENDL-2016, AKONING  
protons from (n,2p)



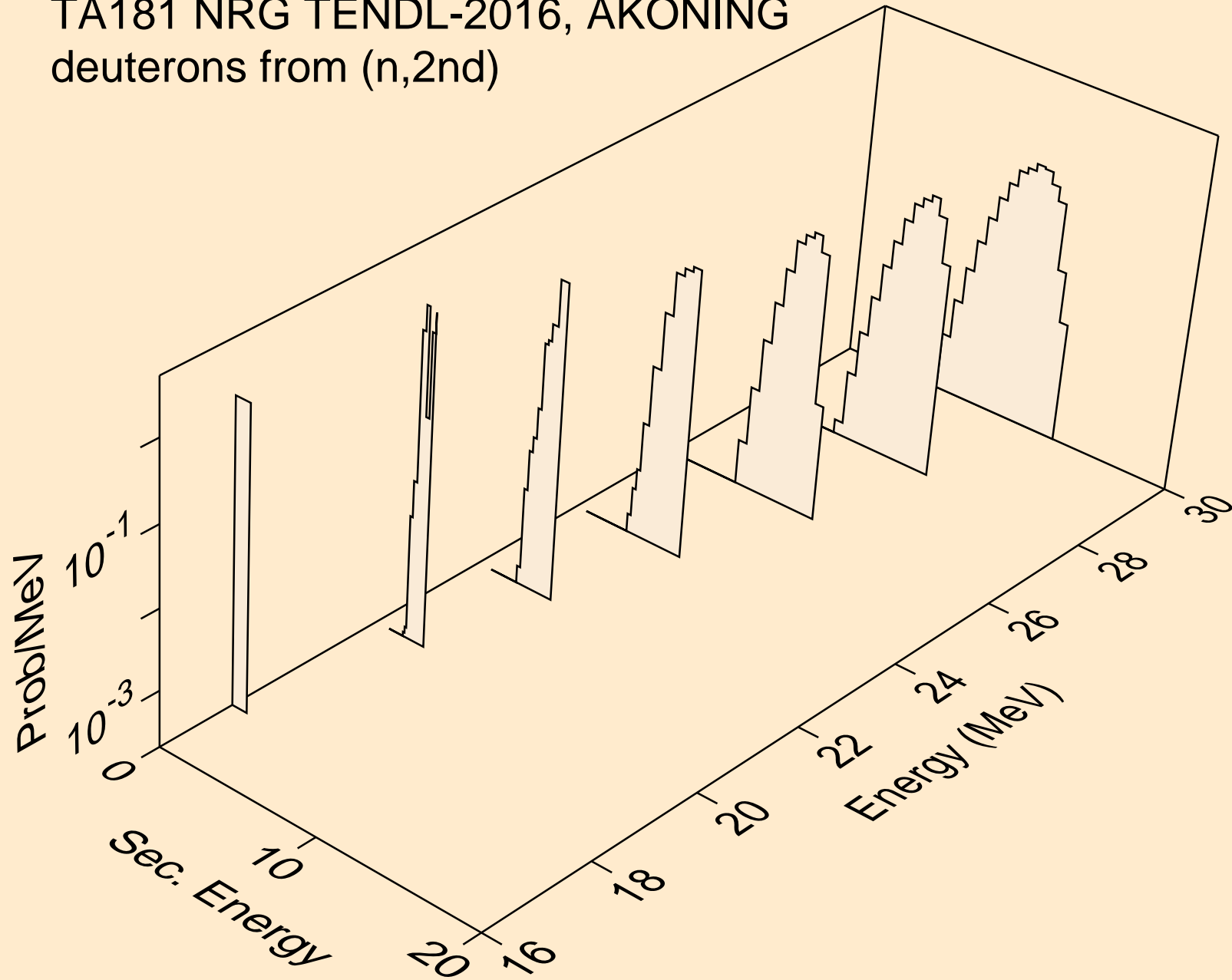
TA181 NRG TENDL-2016, AKONING  
protons from (n,pa)



TA181 NRG TENDL-2016, AKONING  
deuterons from (n,x)

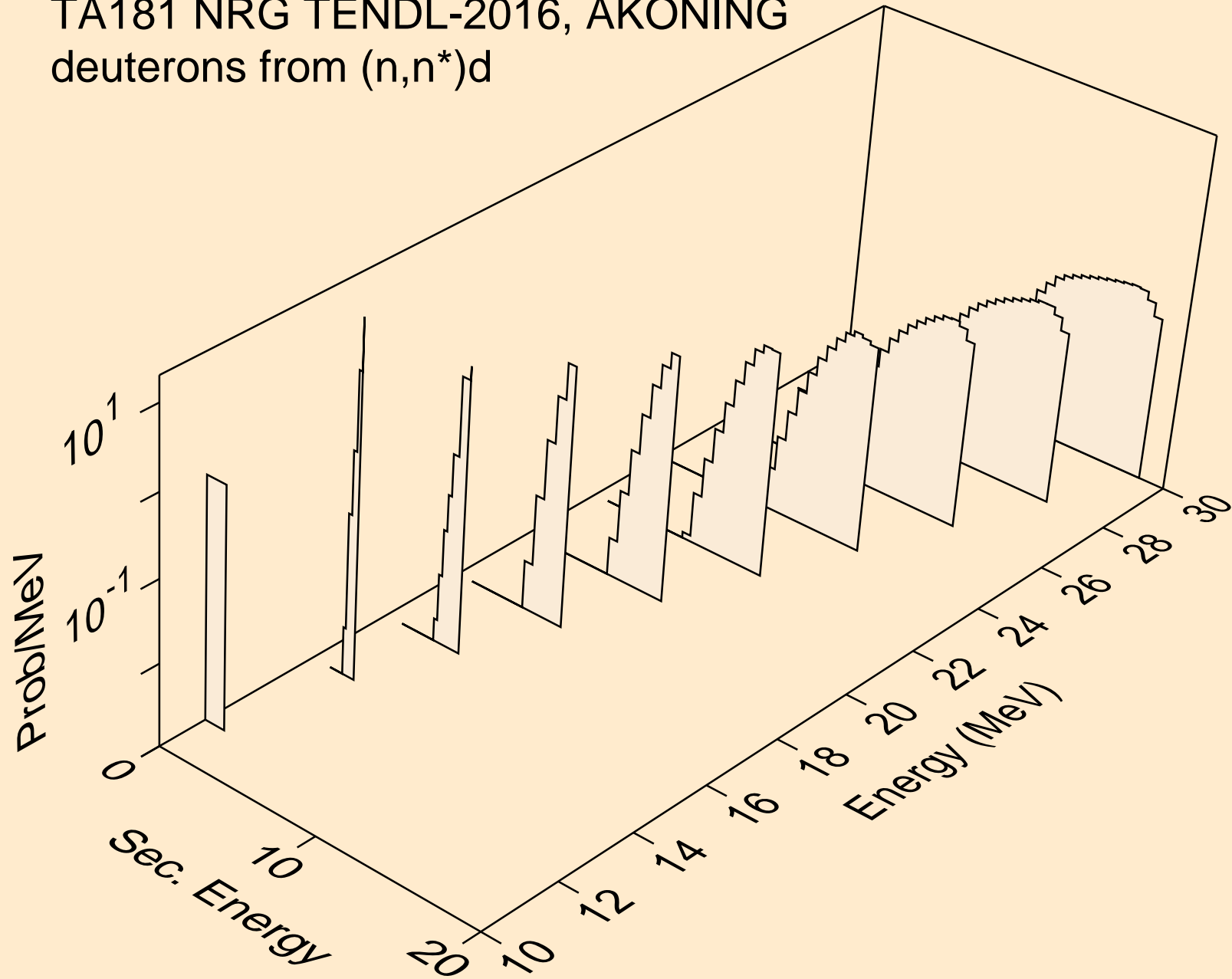


TA181 NRG TENDL-2016, AKONING  
deuterons from (n,2nd)

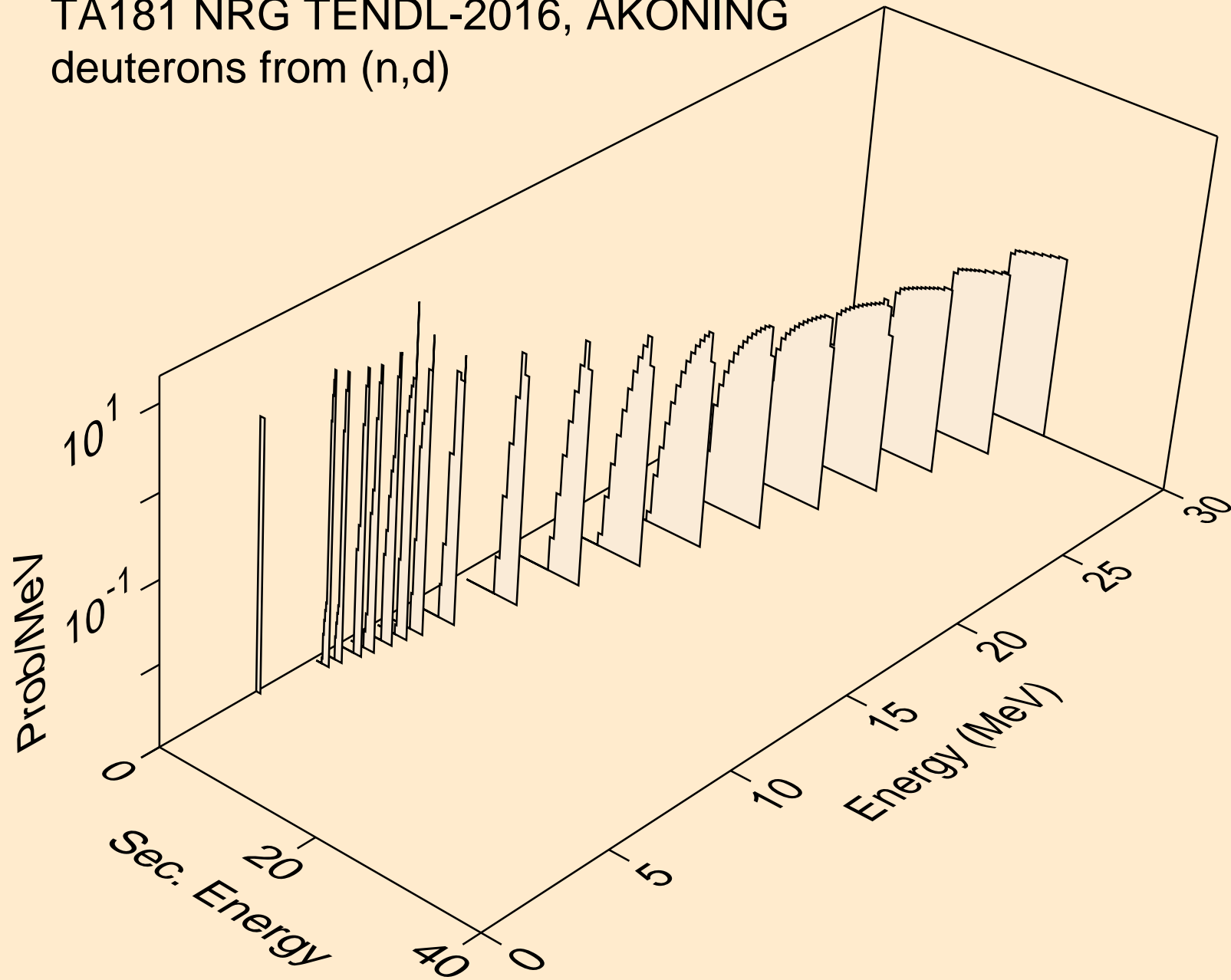




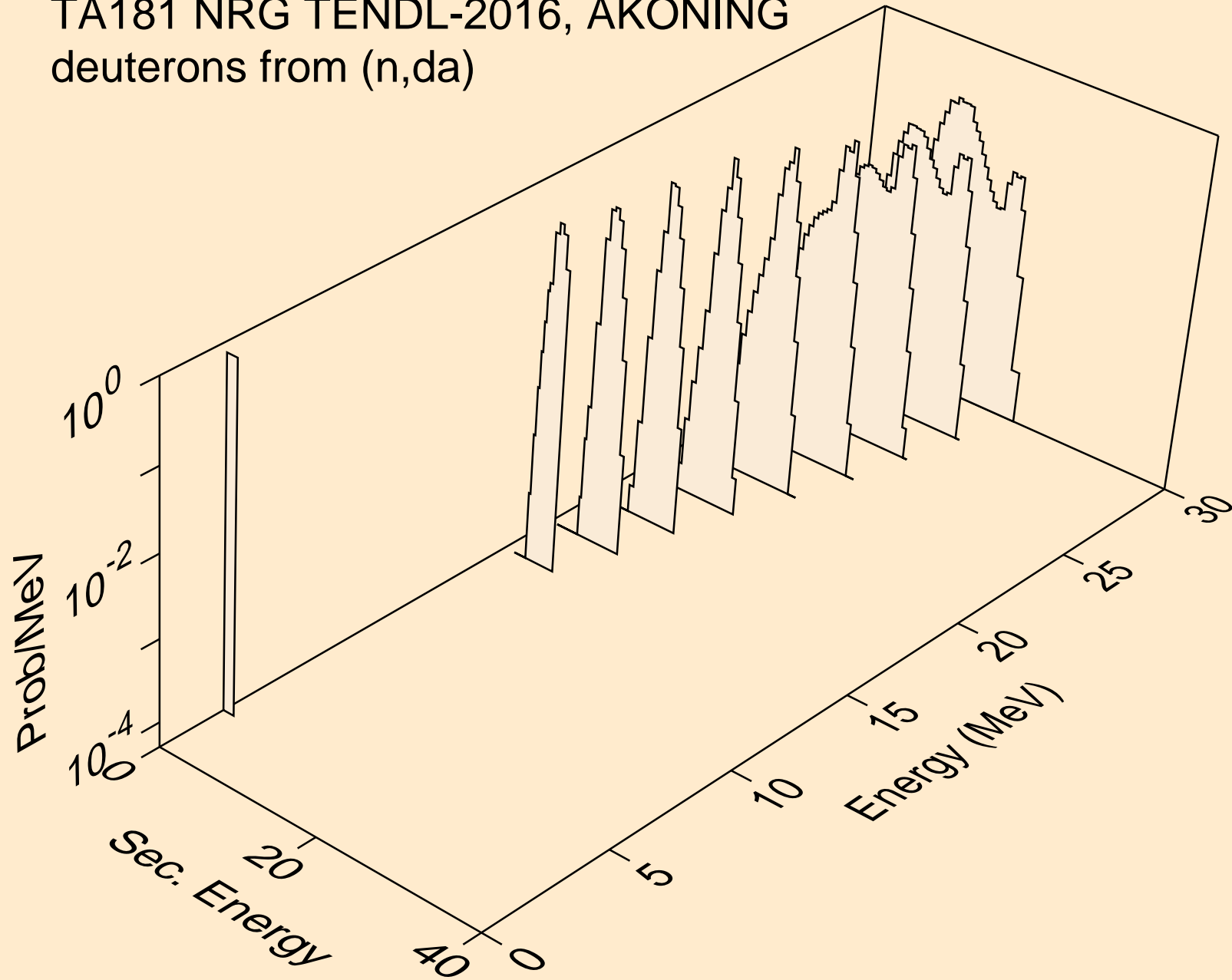
TA181 NRG TENDL-2016, AKONING  
deuterons from (n,n\*)d



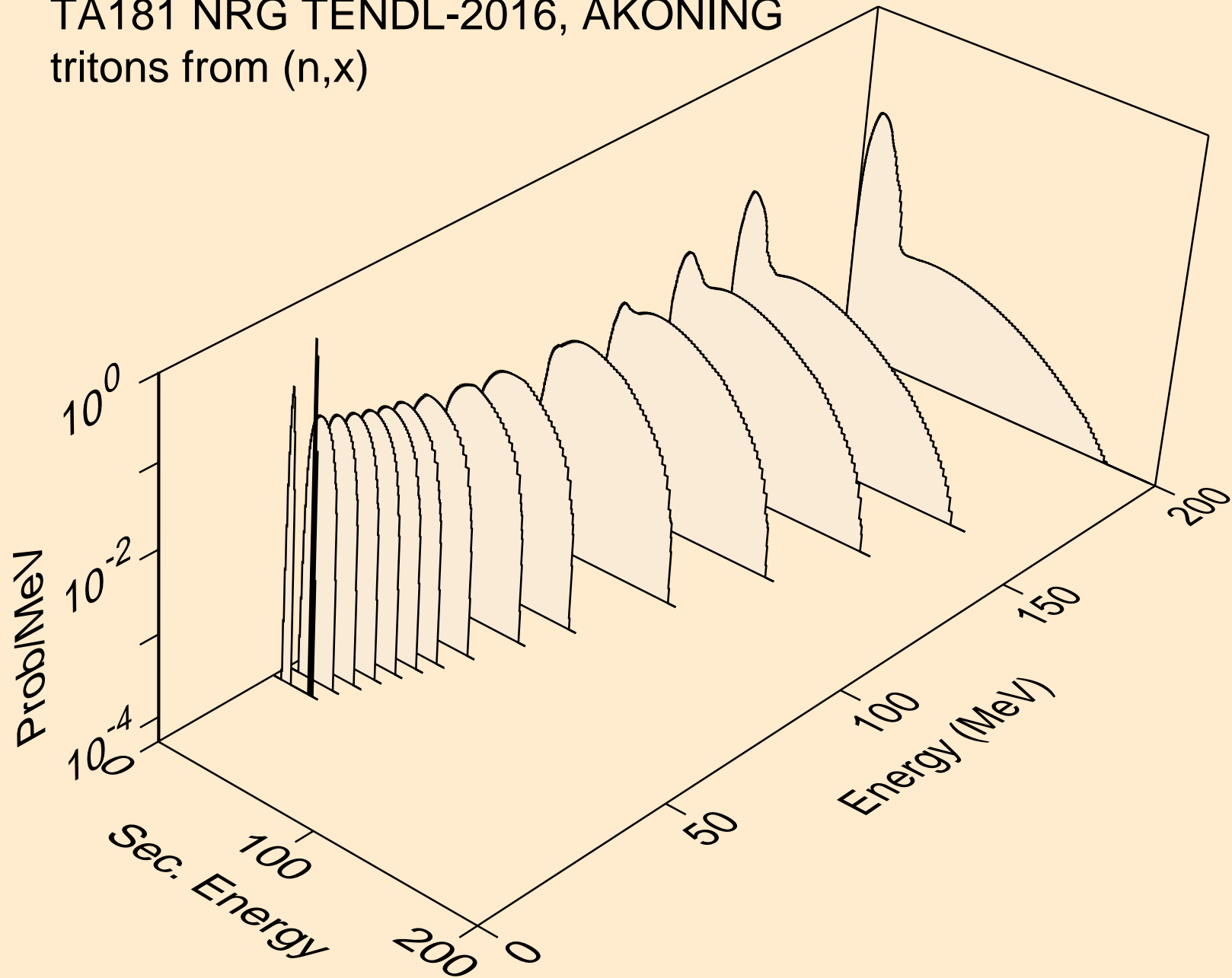
TA181 NRG TENDL-2016, AKONING  
deuterons from (n,d)



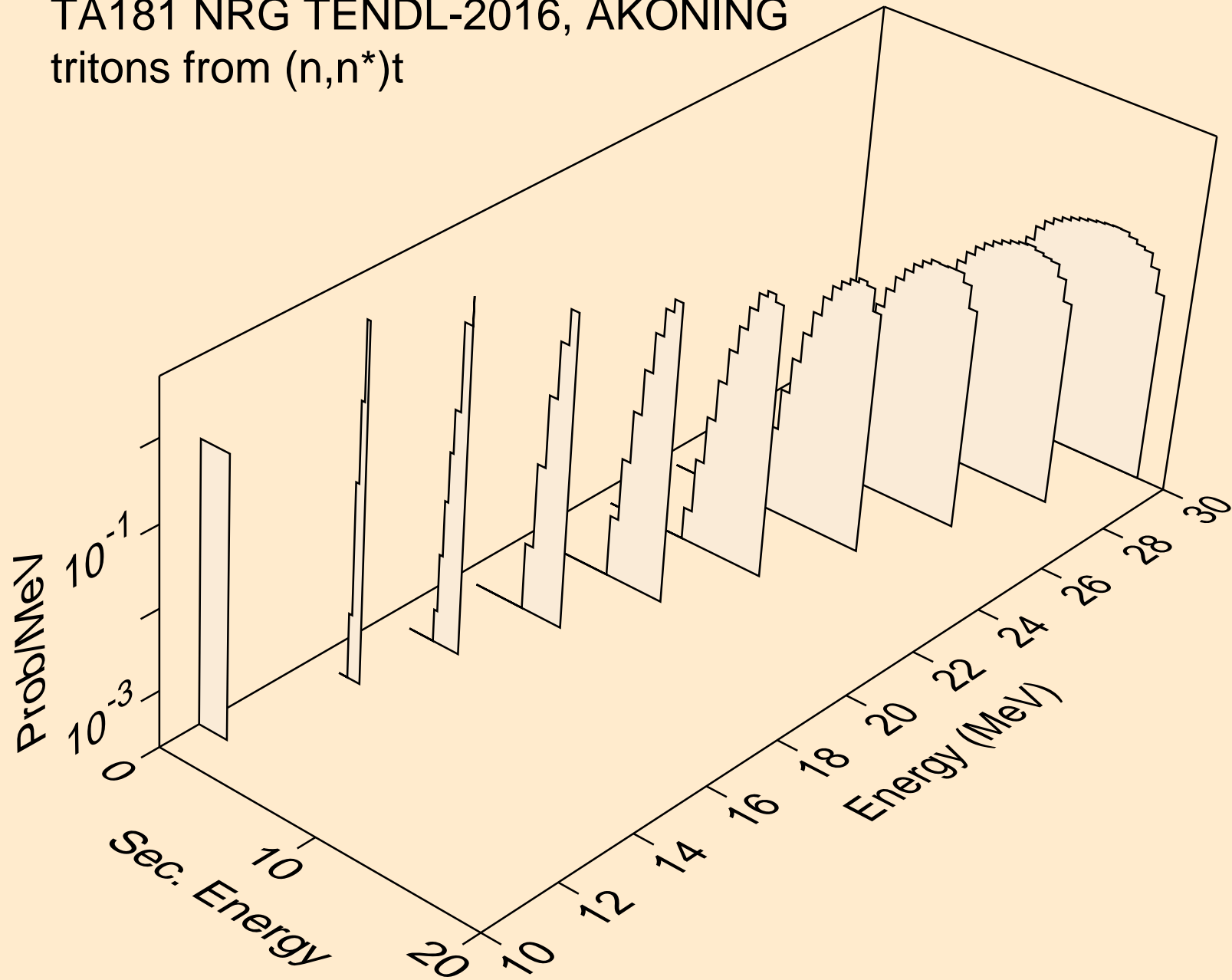
TA181 NRG TENDL-2016, AKONING  
deuterons from (n,da)



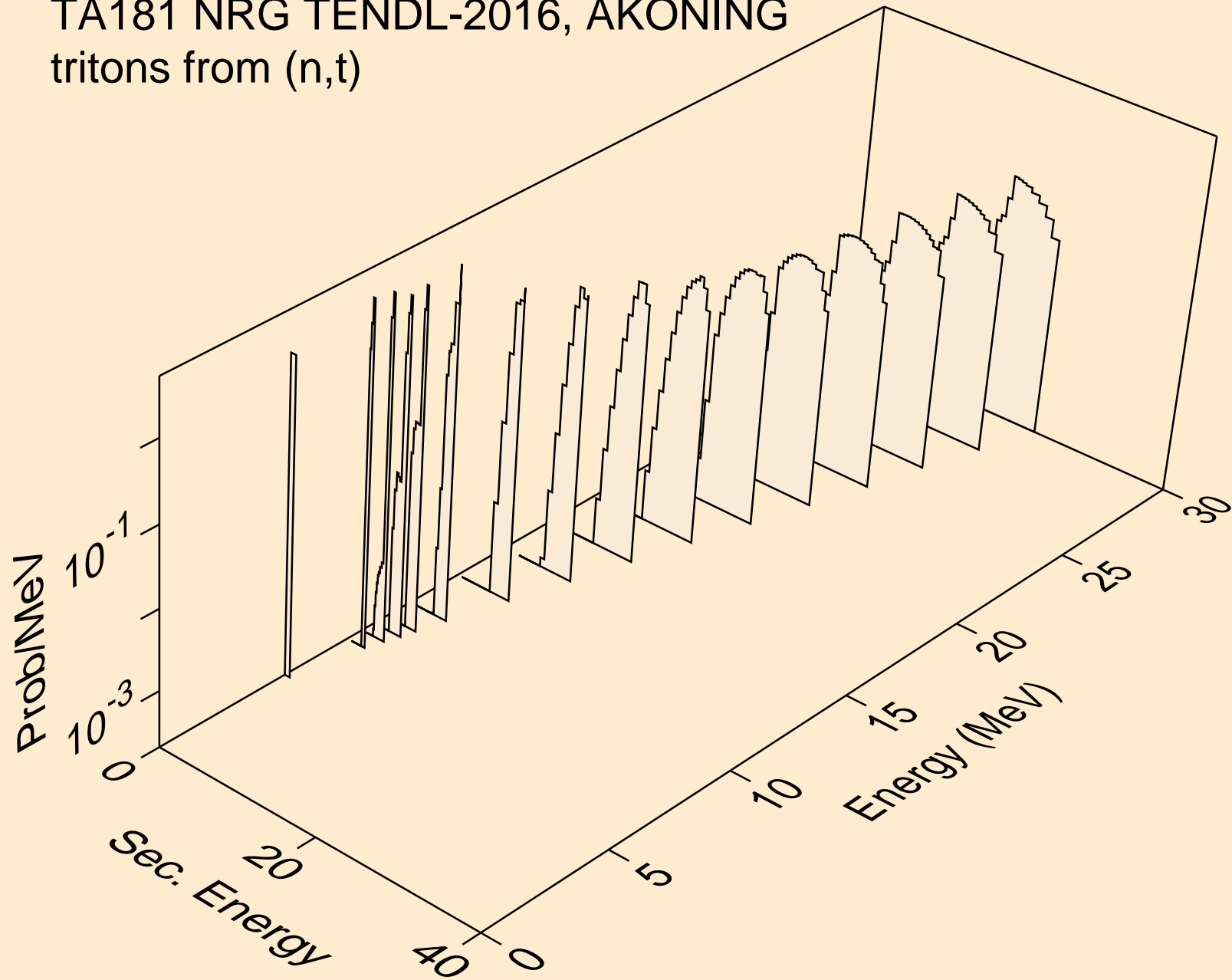
TA181 NRG TENDL-2016, AKONING  
tritons from (n,x)



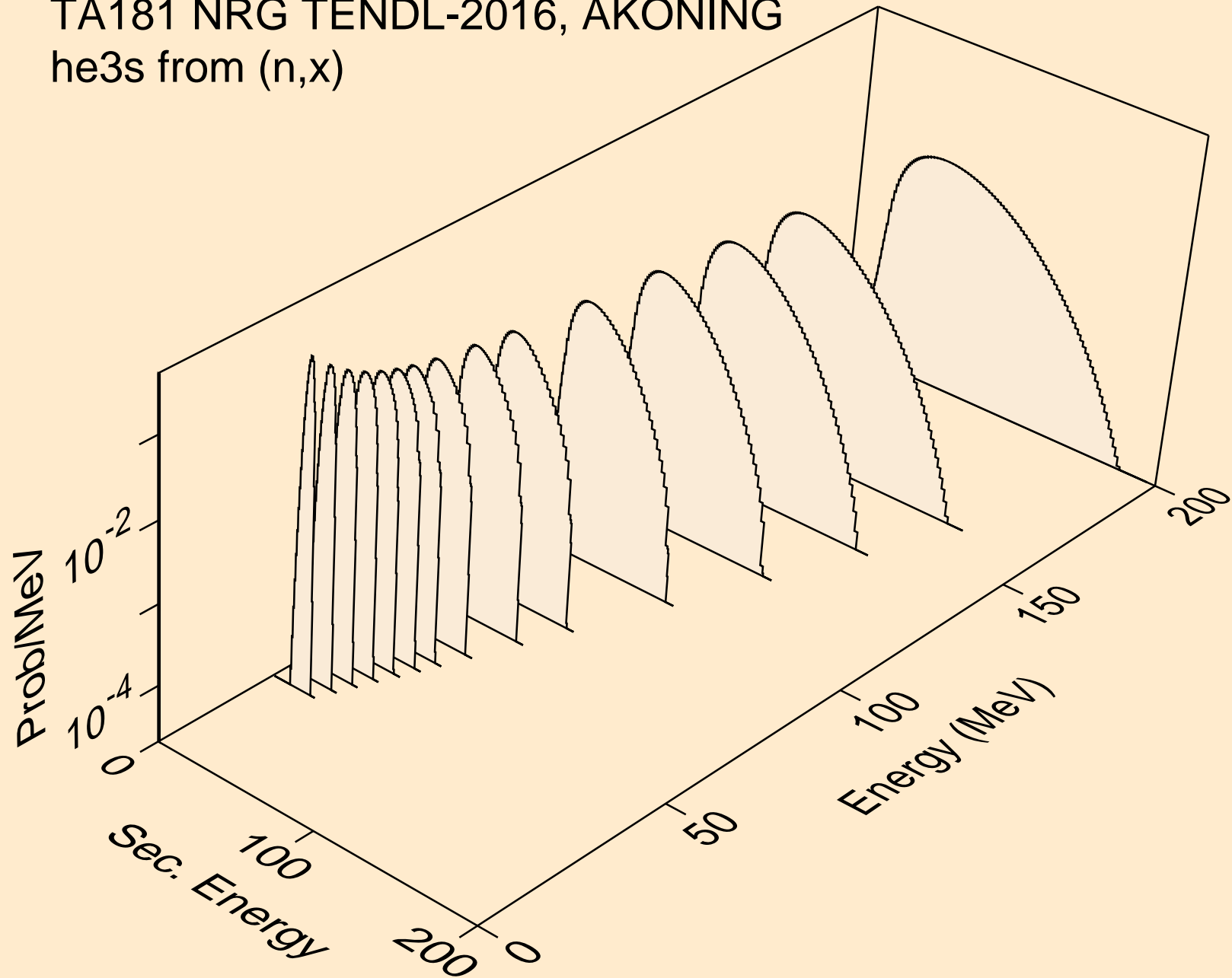
TA181 NRG TENDL-2016, AKONING  
tritons from (n,n\*)t



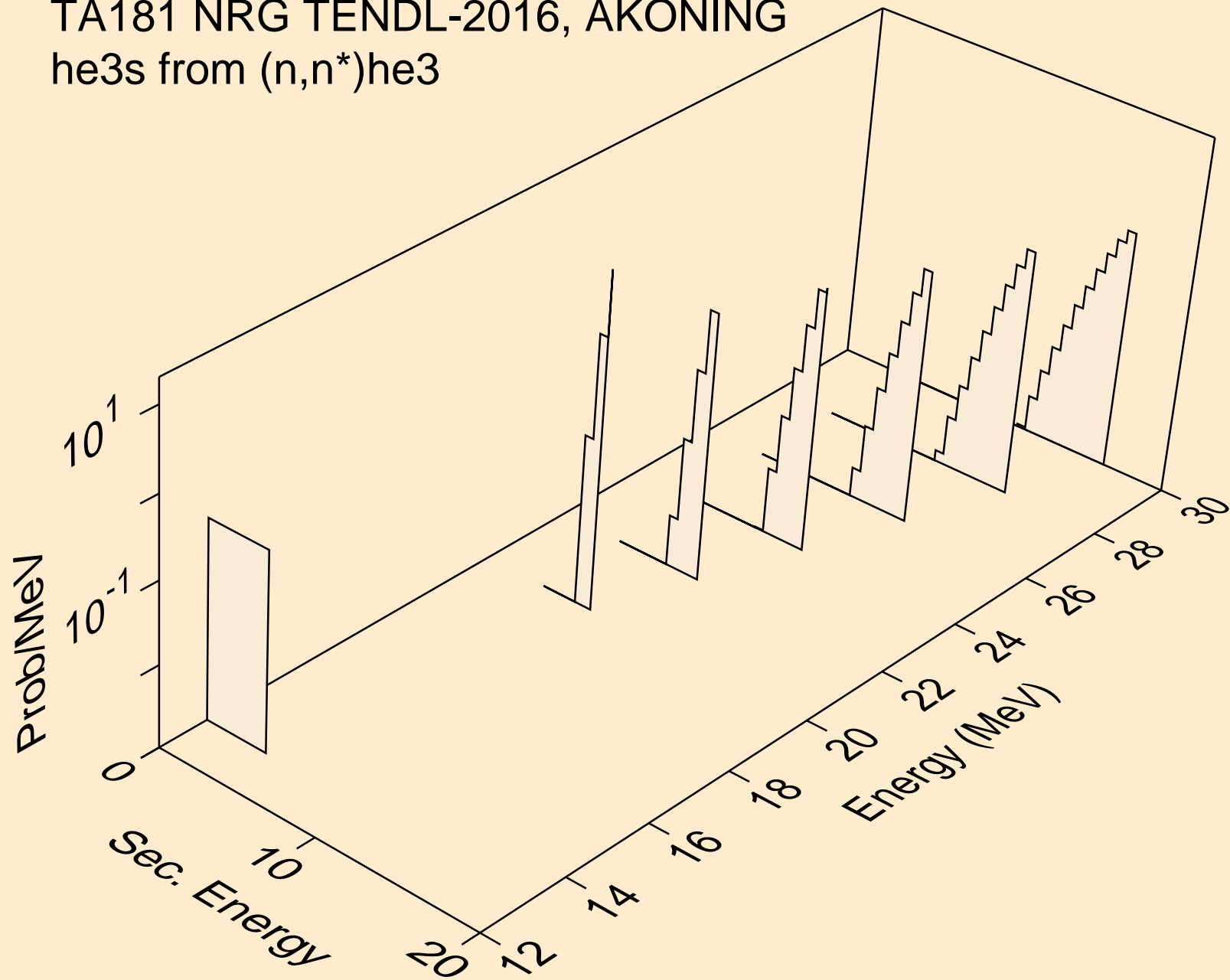
TA181 NRG TENDL-2016, AKONING  
tritons from (n,t)



TA181 NRG TENDL-2016, AKONING  
he3s from (n,x)

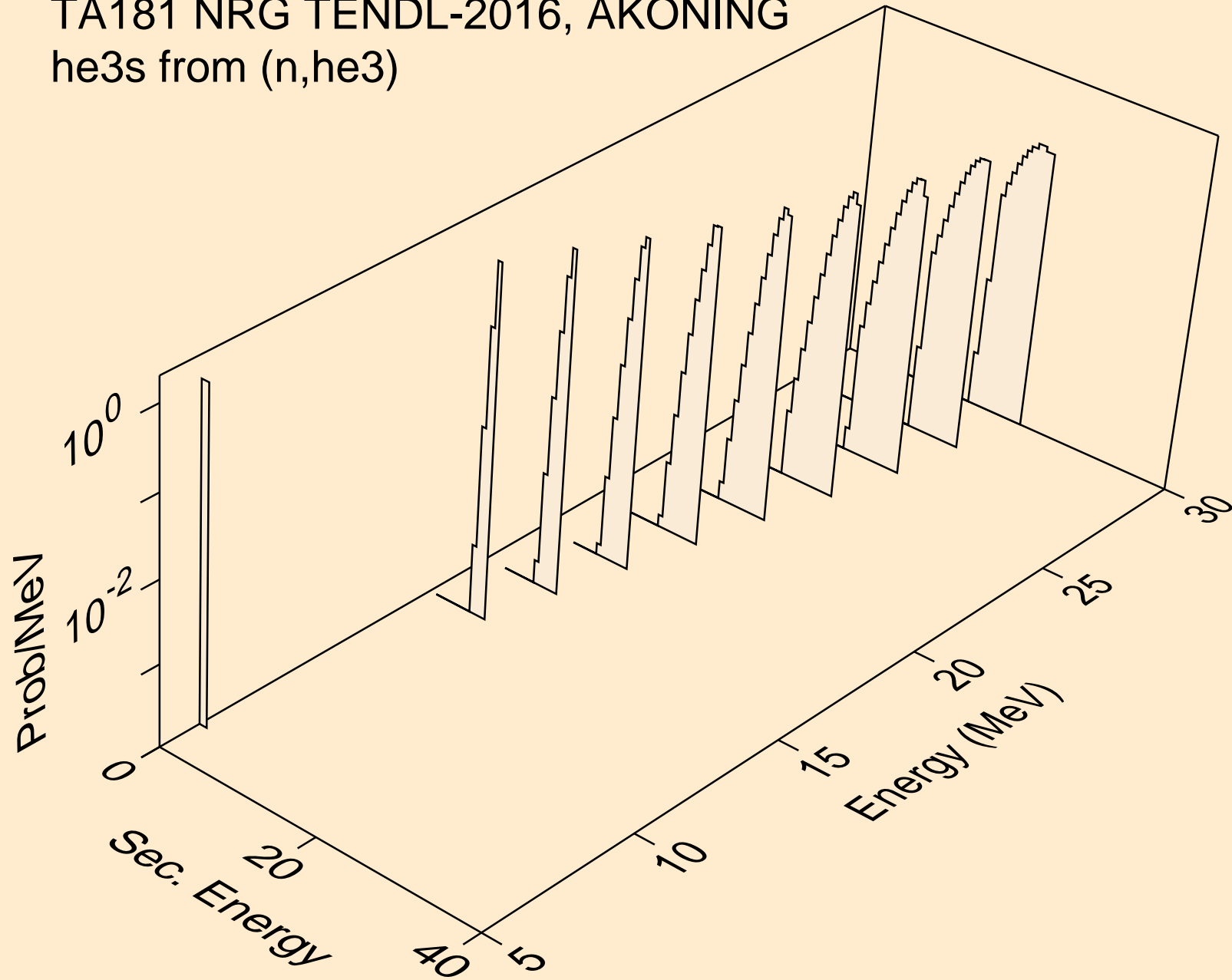


TA181 NRG TENDL-2016, AKONING  
he3s from (n,n\*)he3

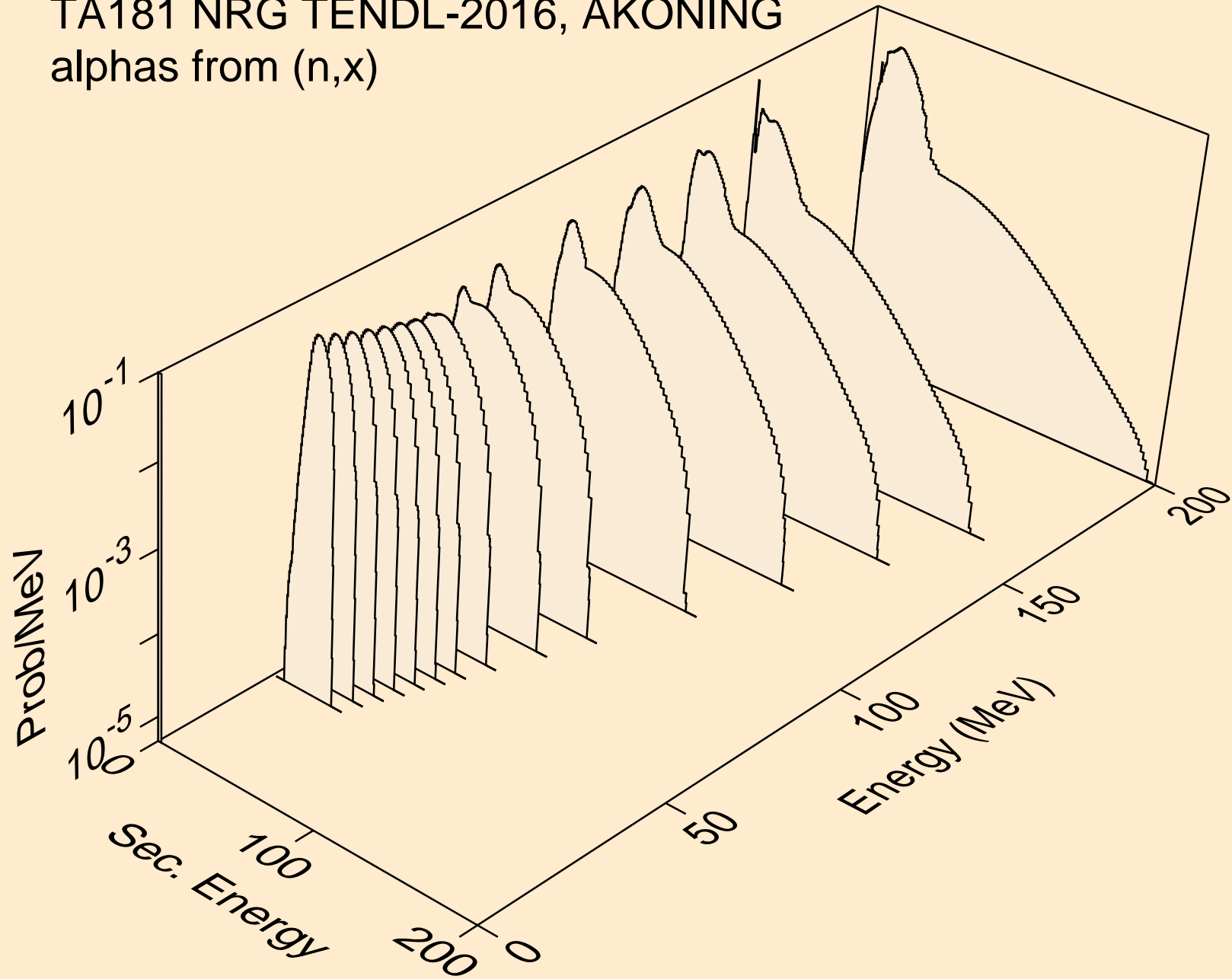




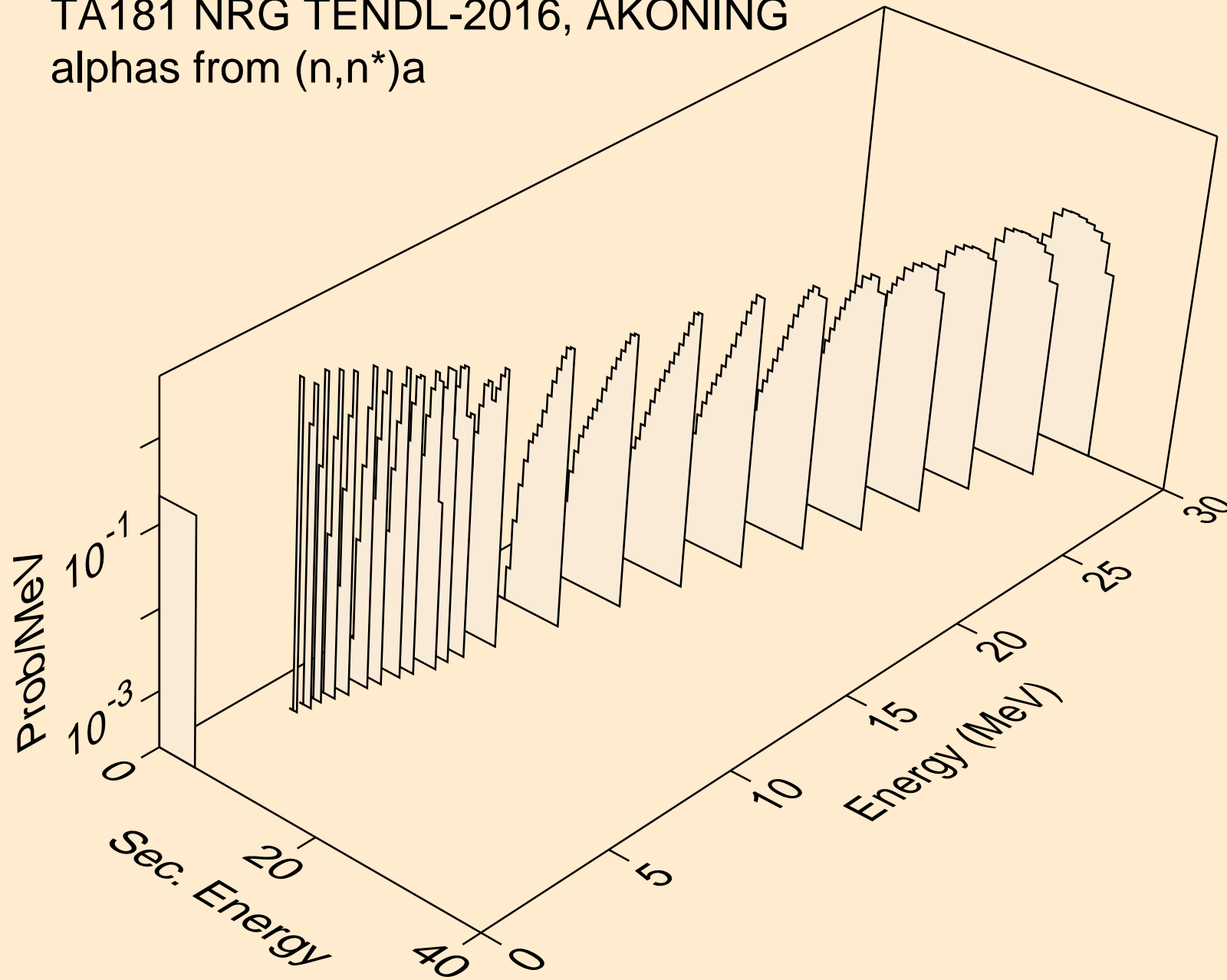
TA181 NRG TENDL-2016, AKONING  
he3s from (n,he3)



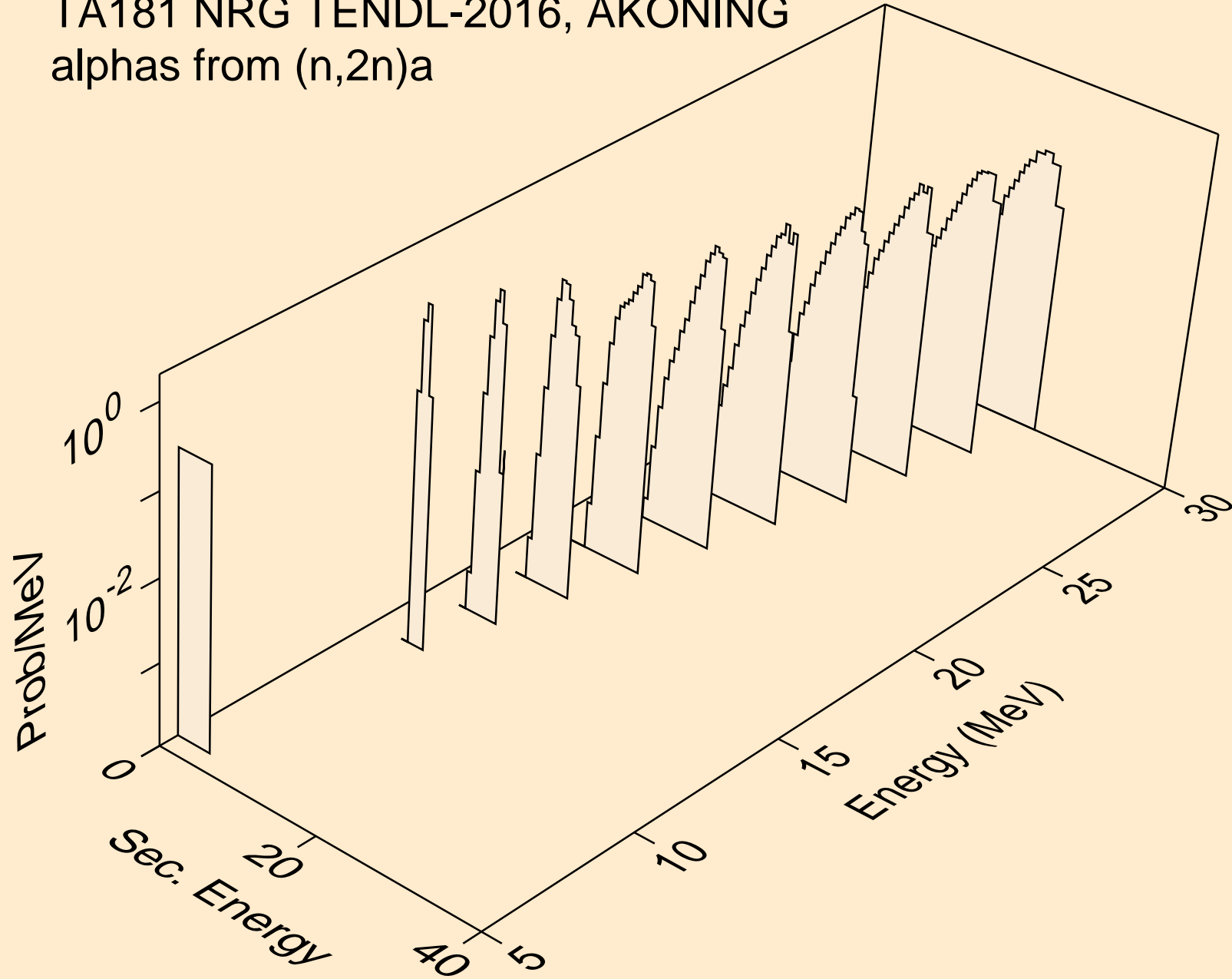
TA181 NRG TENDL-2016, AKONING  
alphas from (n,x)



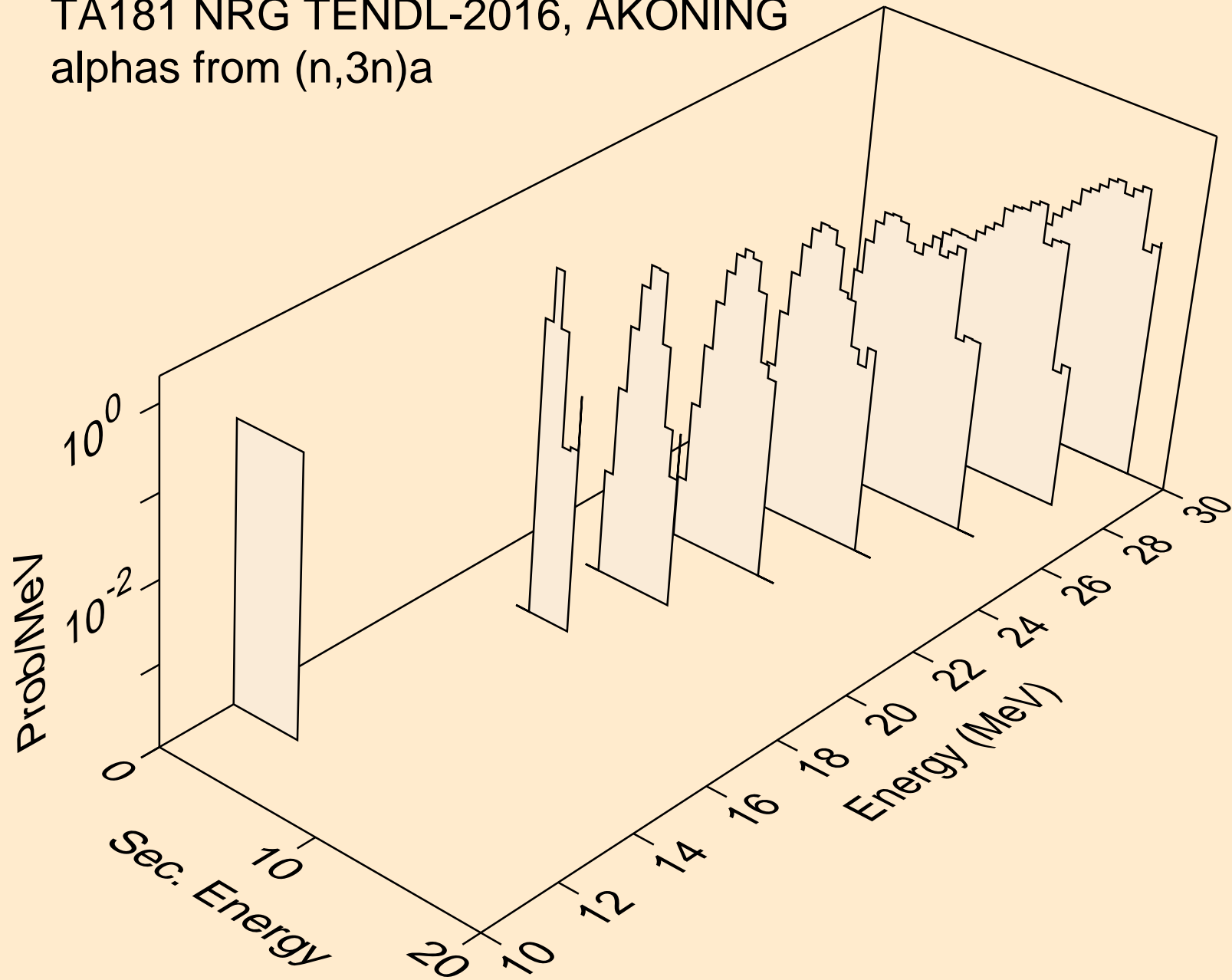
TA181 NRG TENDL-2016, AKONING  
alphas from (n,n\*)a



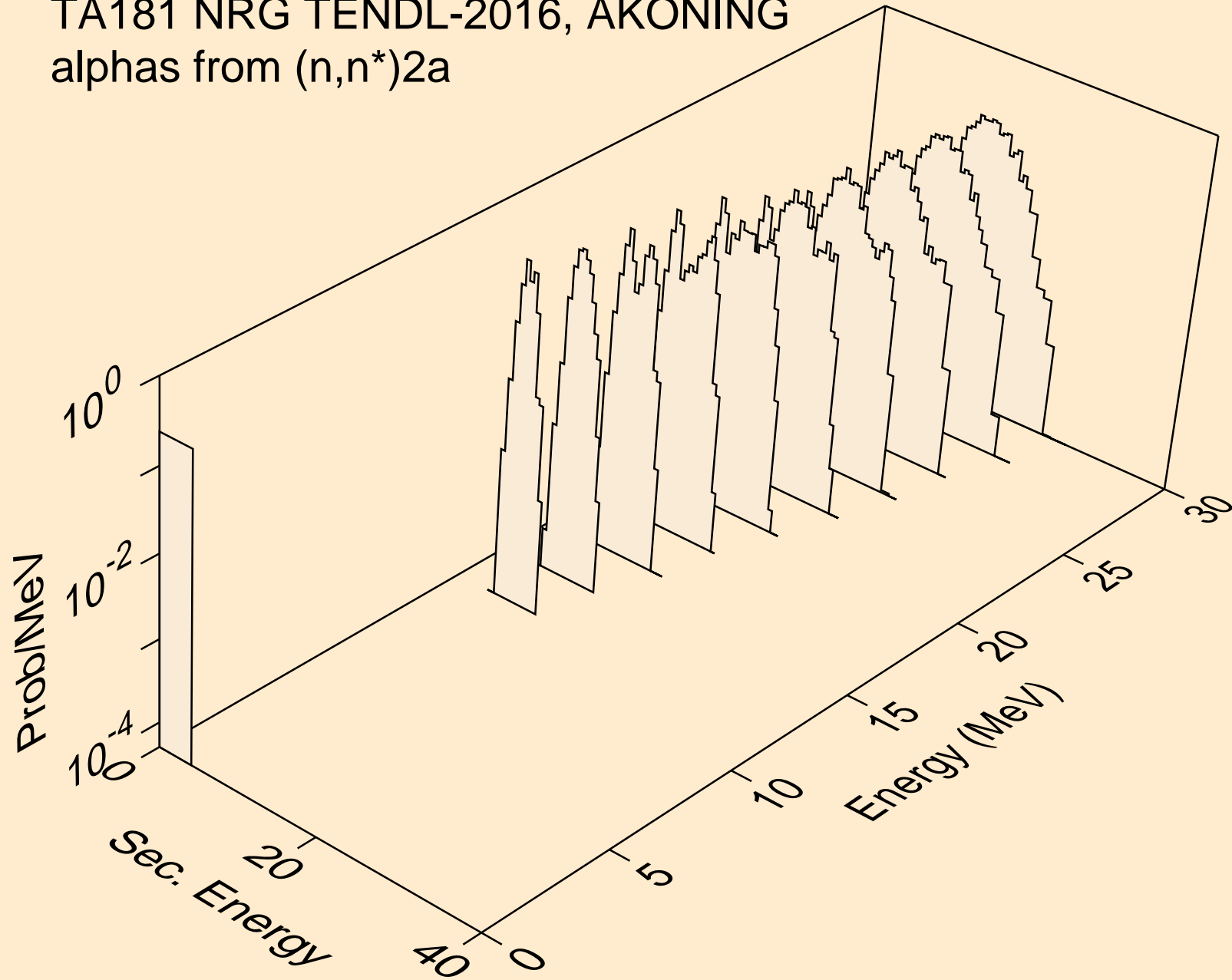
TA181 NRG TENDL-2016, AKONING  
alphas from (n,2n)a



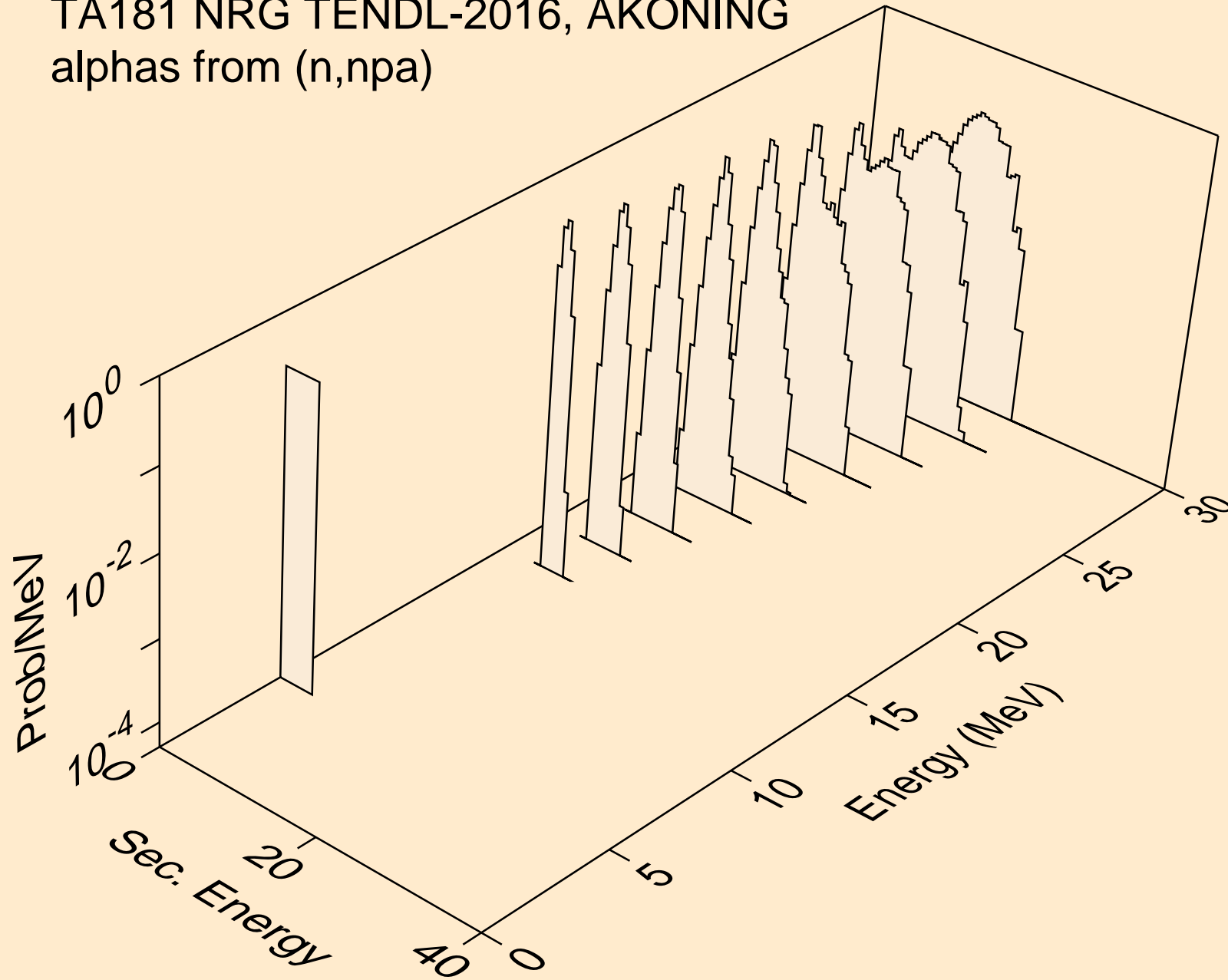
TA181 NRG TENDL-2016, AKONING  
alphas from (n,3n)a



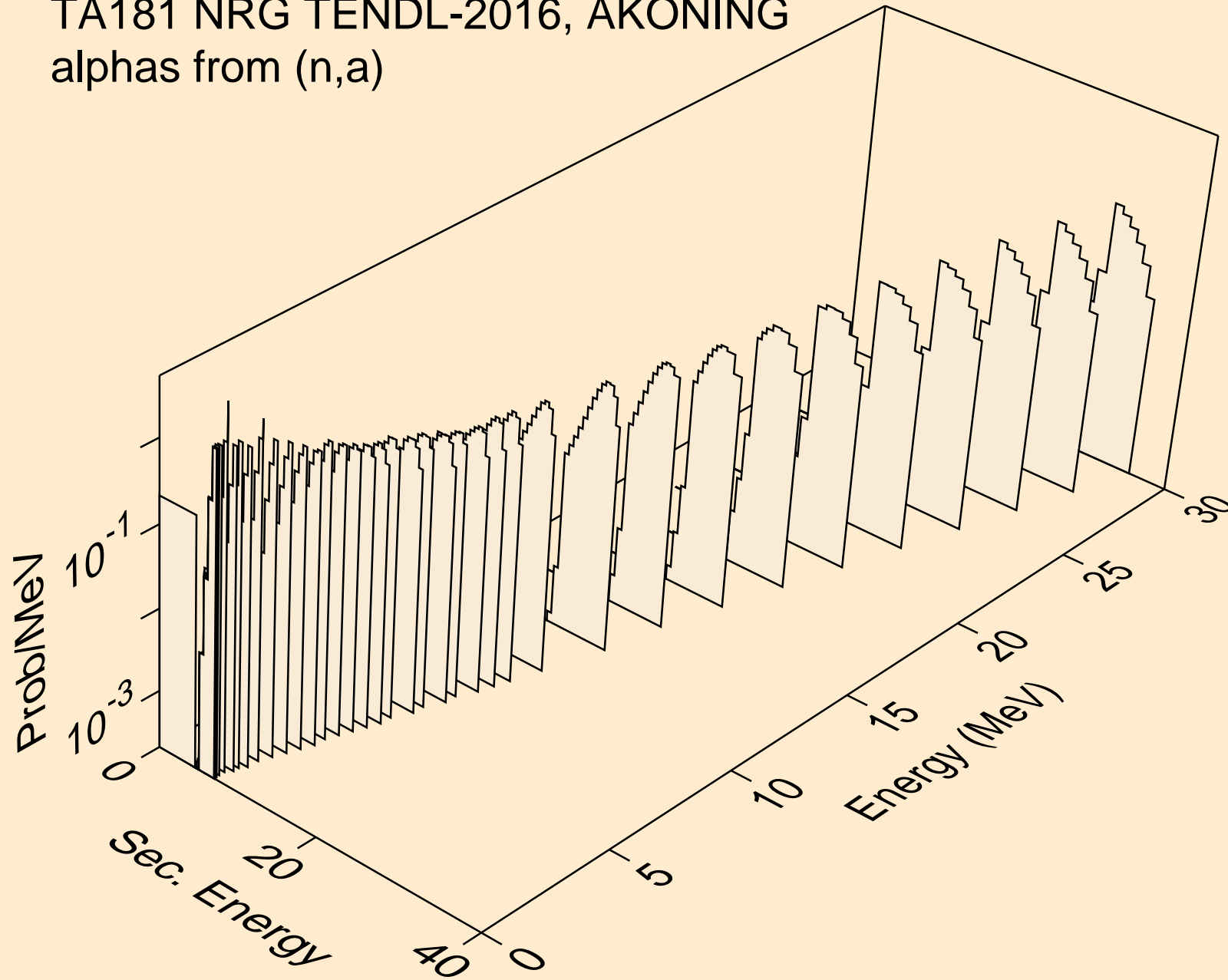
TA181 NRG TENDL-2016, AKONING  
alphas from (n,n\*)2a



TA181 NRG TENDL-2016, AKONING  
alphas from (n,npa)

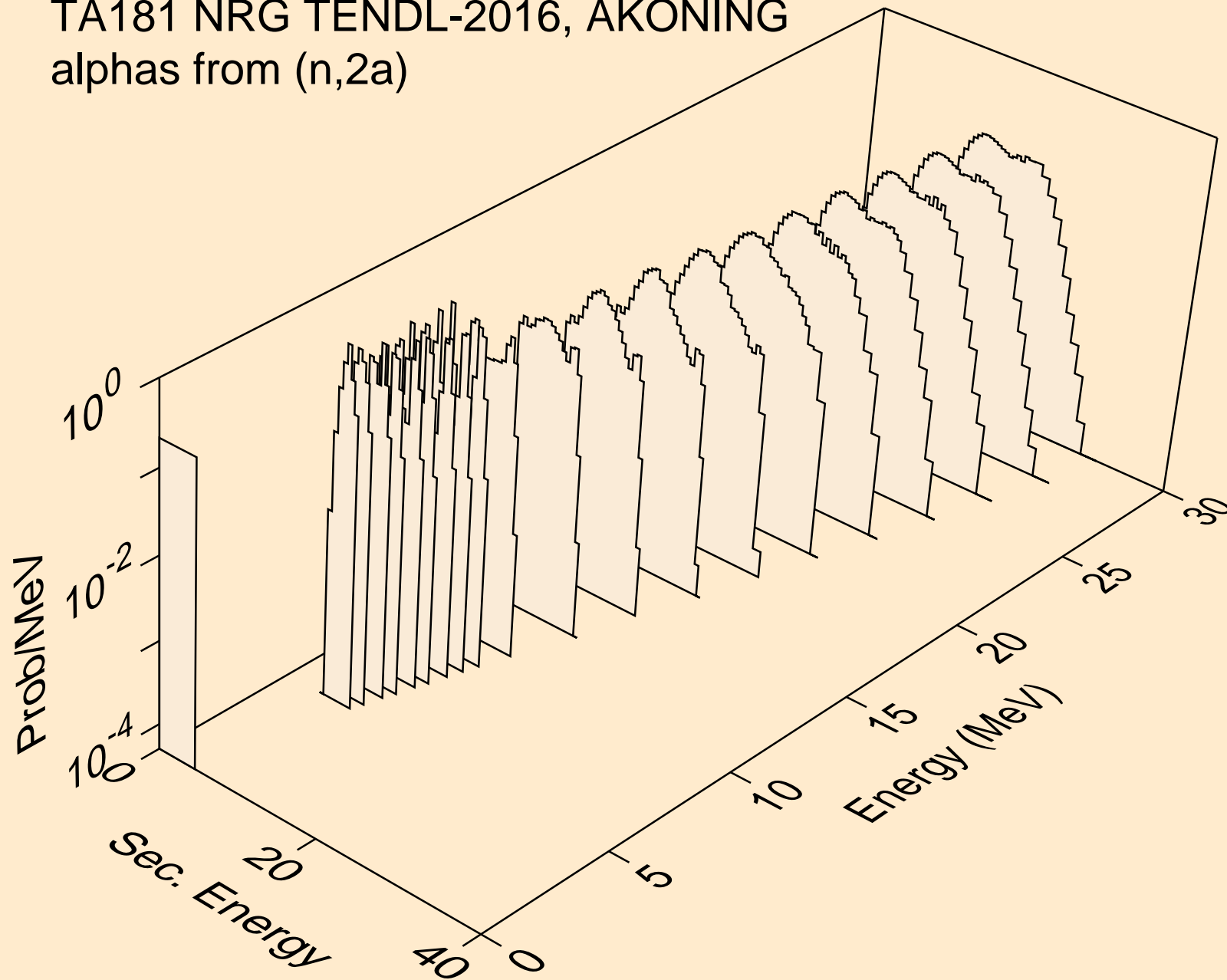


TA181 NRG TENDL-2016, AKONING  
alphas from (n,a)

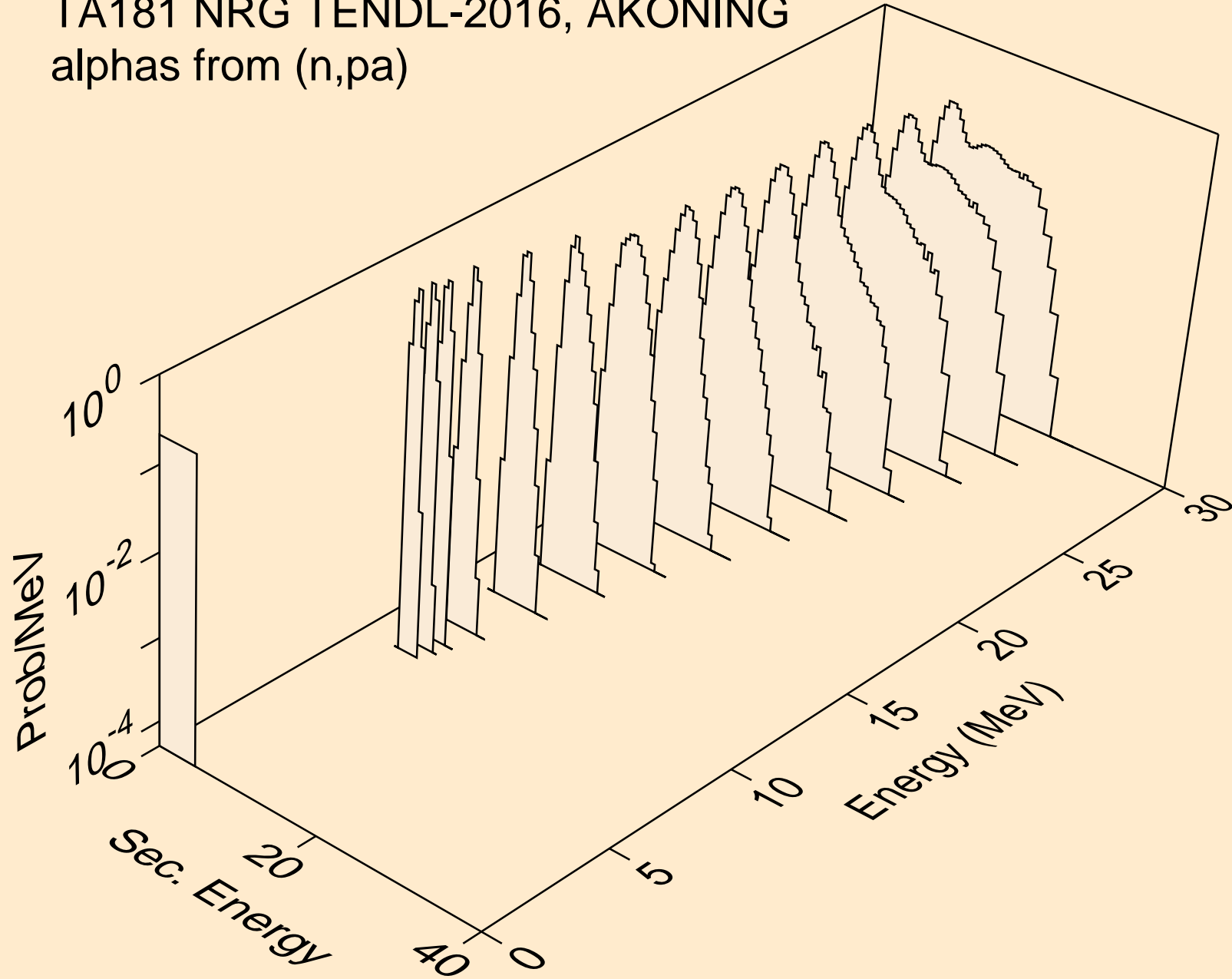




TA181 NRG TENDL-2016, AKONING  
alphas from (n,2a)



TA181 NRG TENDL-2016, AKONING  
alphas from (n,pa)



TA181 NRG TENDL-2016, AKONING  
alphas from (n,da)

