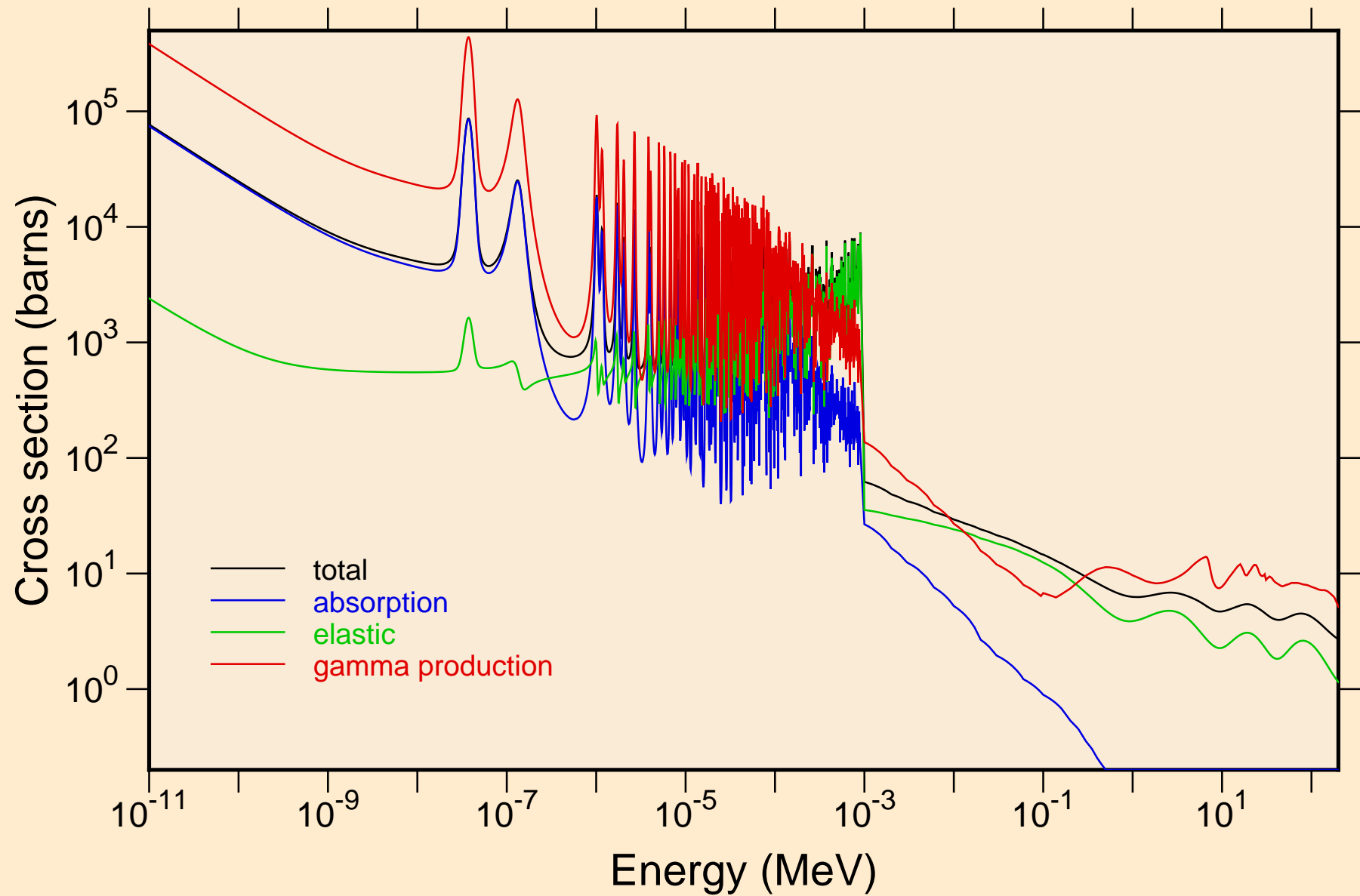
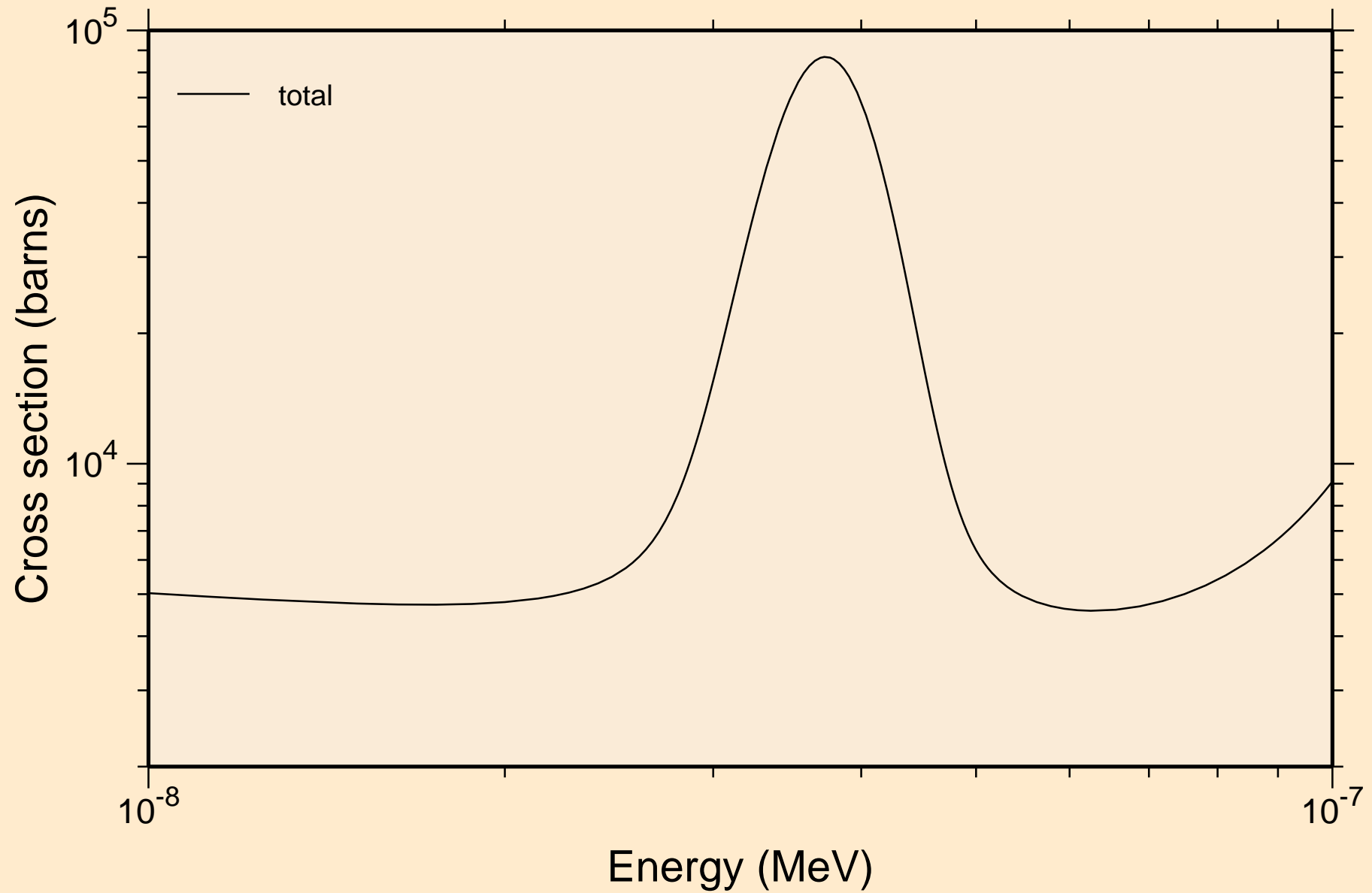


# TA178M NRG TENDL-2015, AKONING

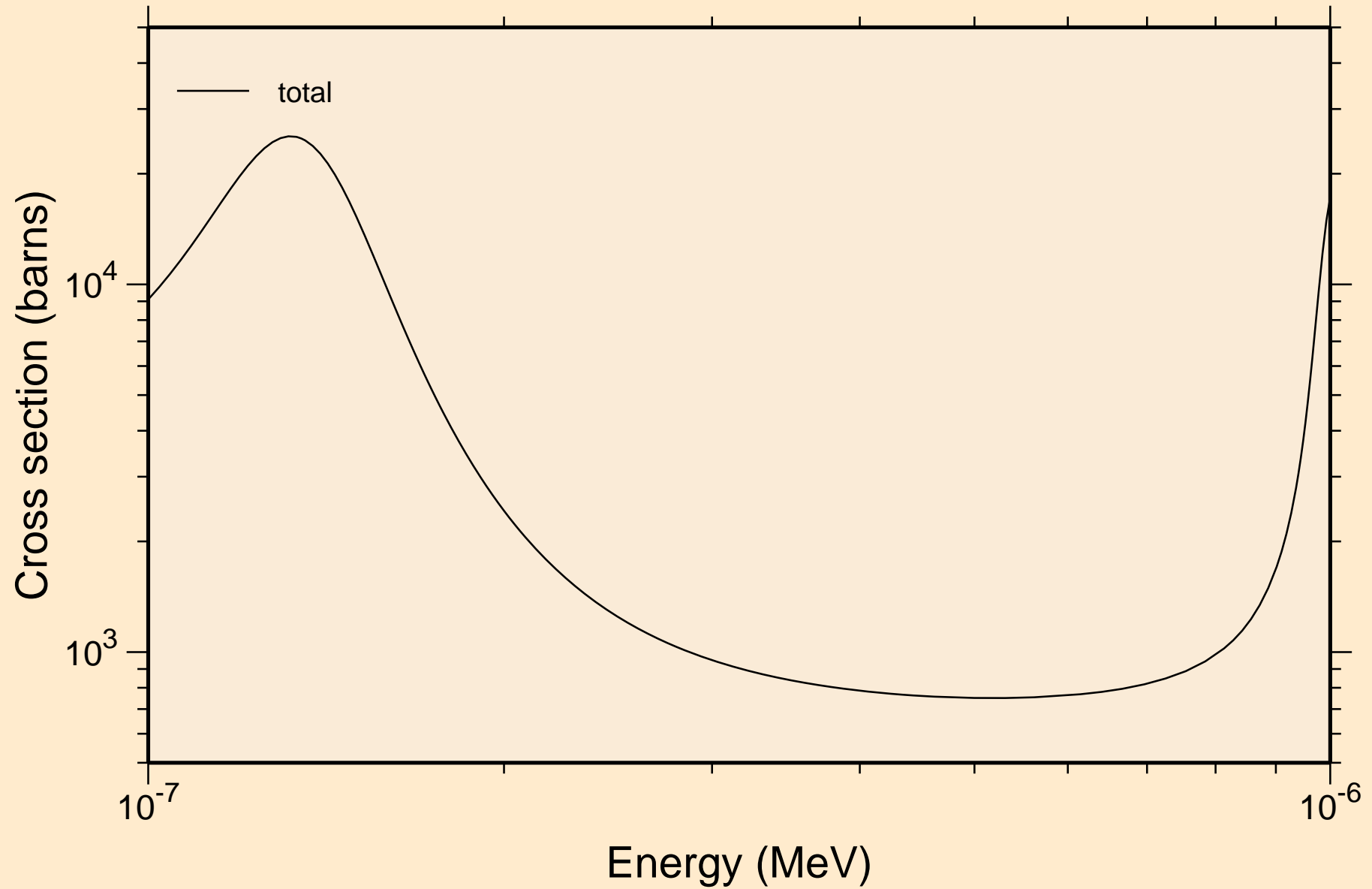
## Principal cross sections



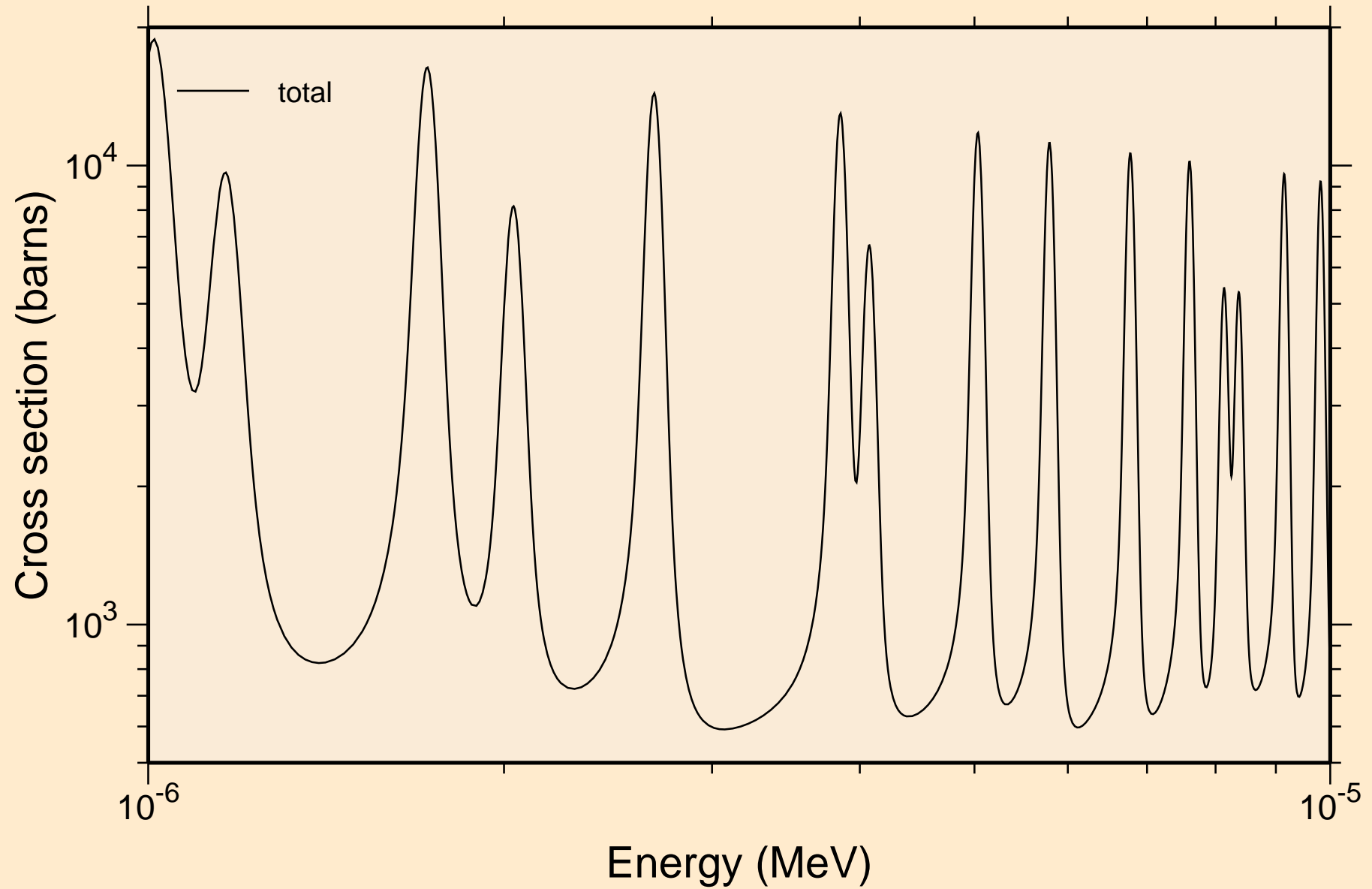
TA178M NRG TENDL-2015, AKONING  
resonance total cross section



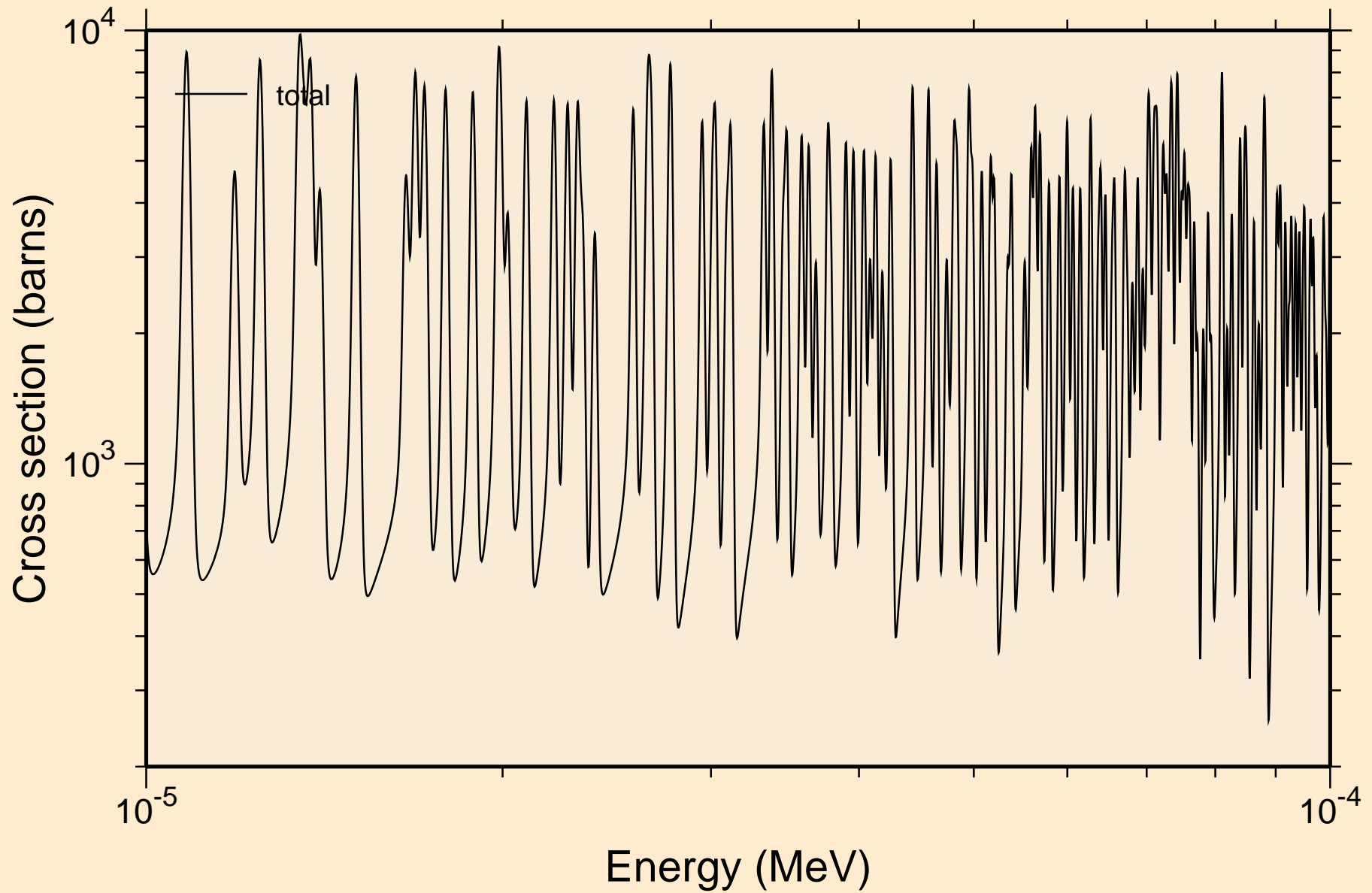
TA178M NRG TENDL-2015, AKONING  
resonance total cross section



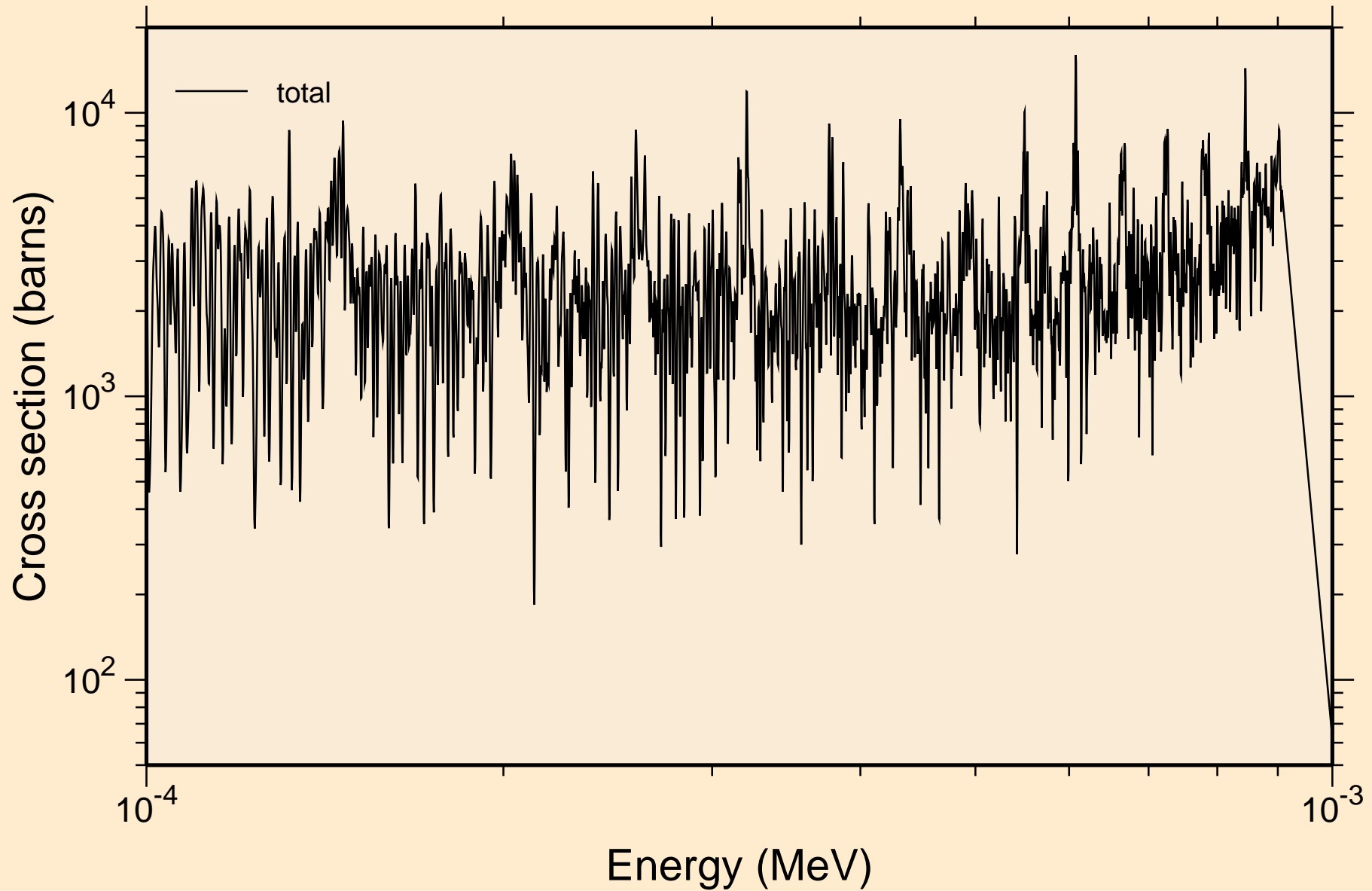
TA178M NRG TENDL-2015, AKONING  
resonance total cross section



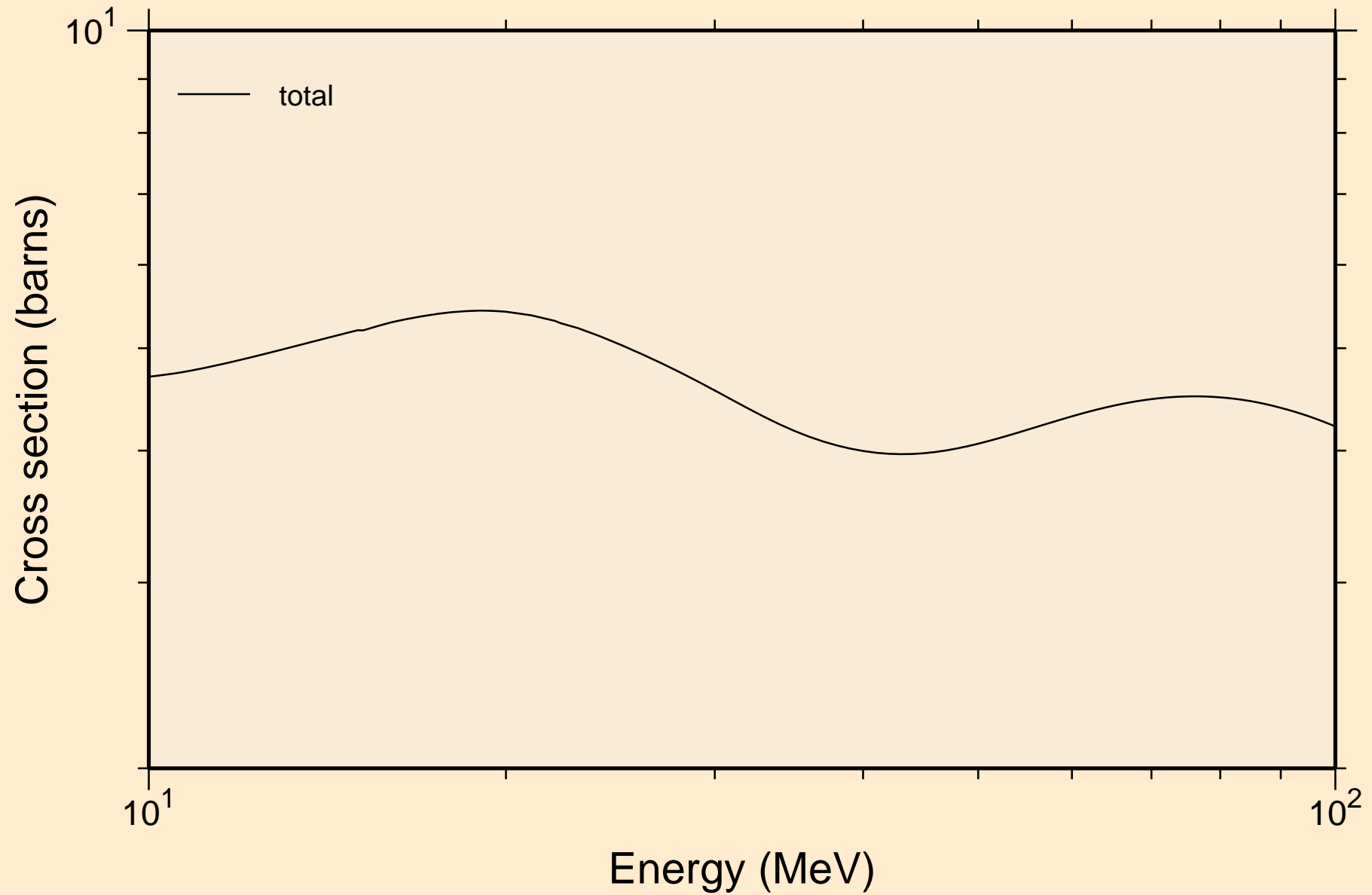
TA178M NRG TENDL-2015, AKONING  
resonance total cross section



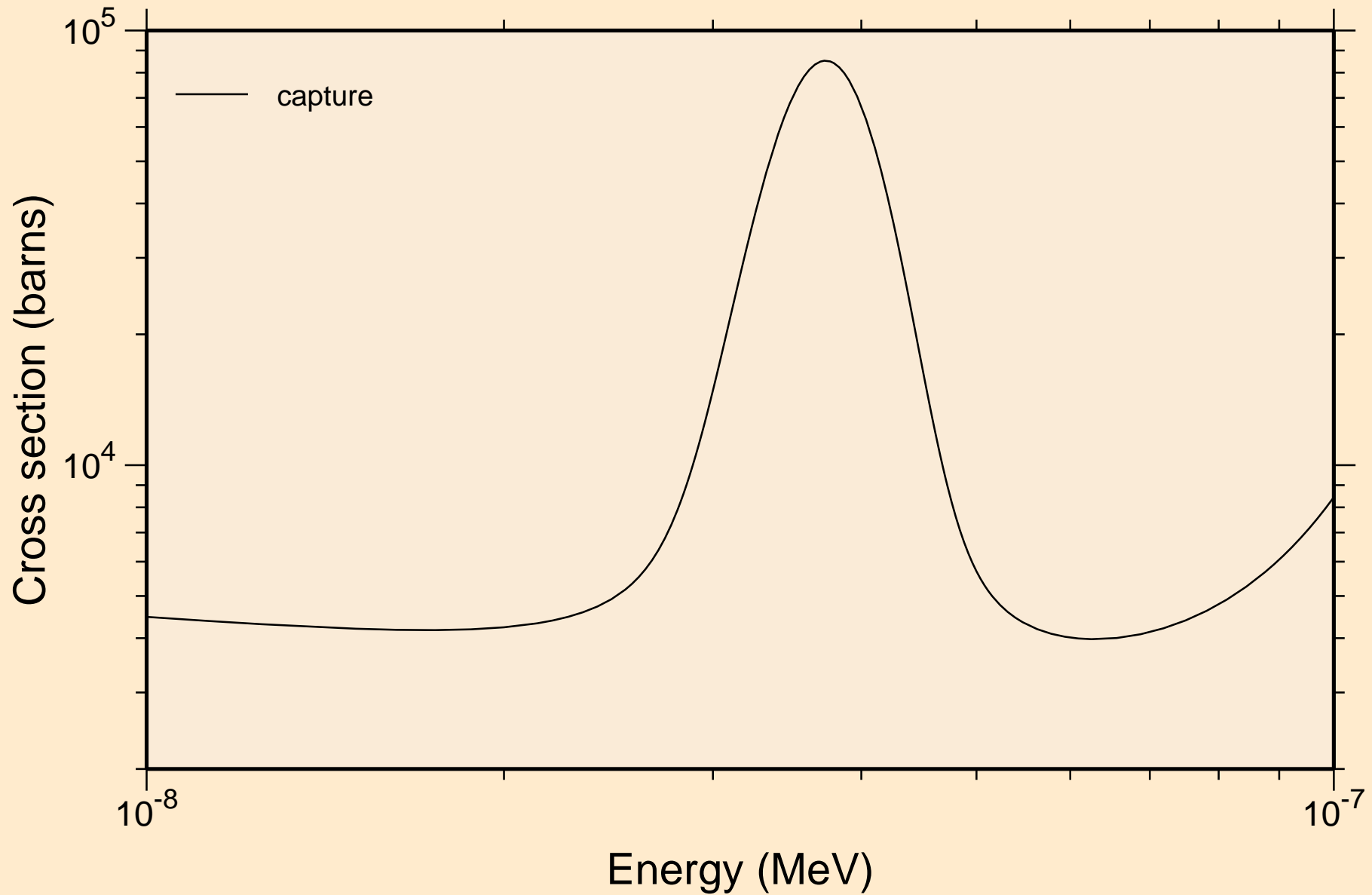
TA178M NRG TENDL-2015, AKONING  
resonance total cross section



TA178M NRG TENDL-2015, AKONING  
resonance total cross section

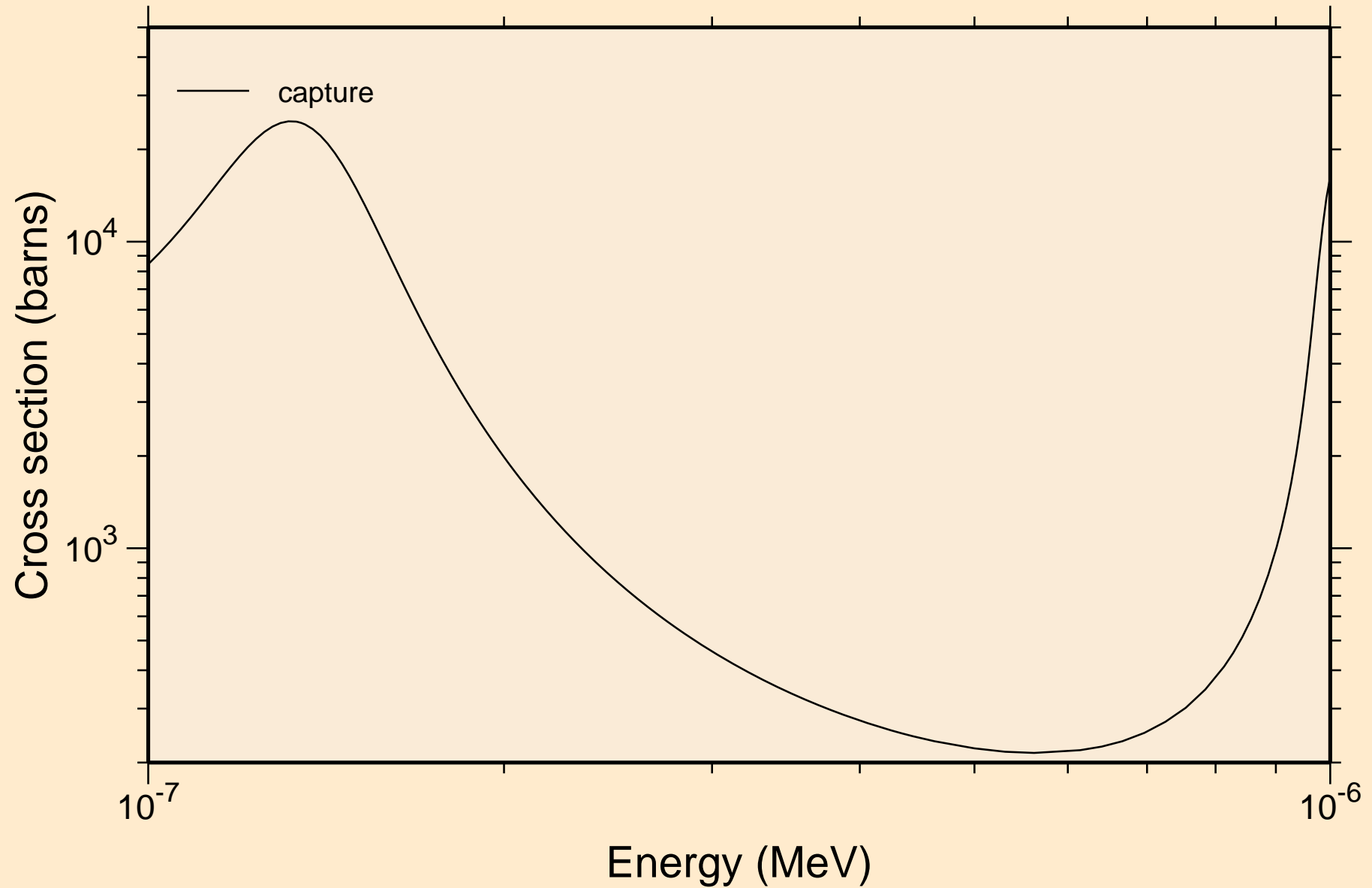


TA178M NRG TENDL-2015, AKONING  
resonance absorption cross sections

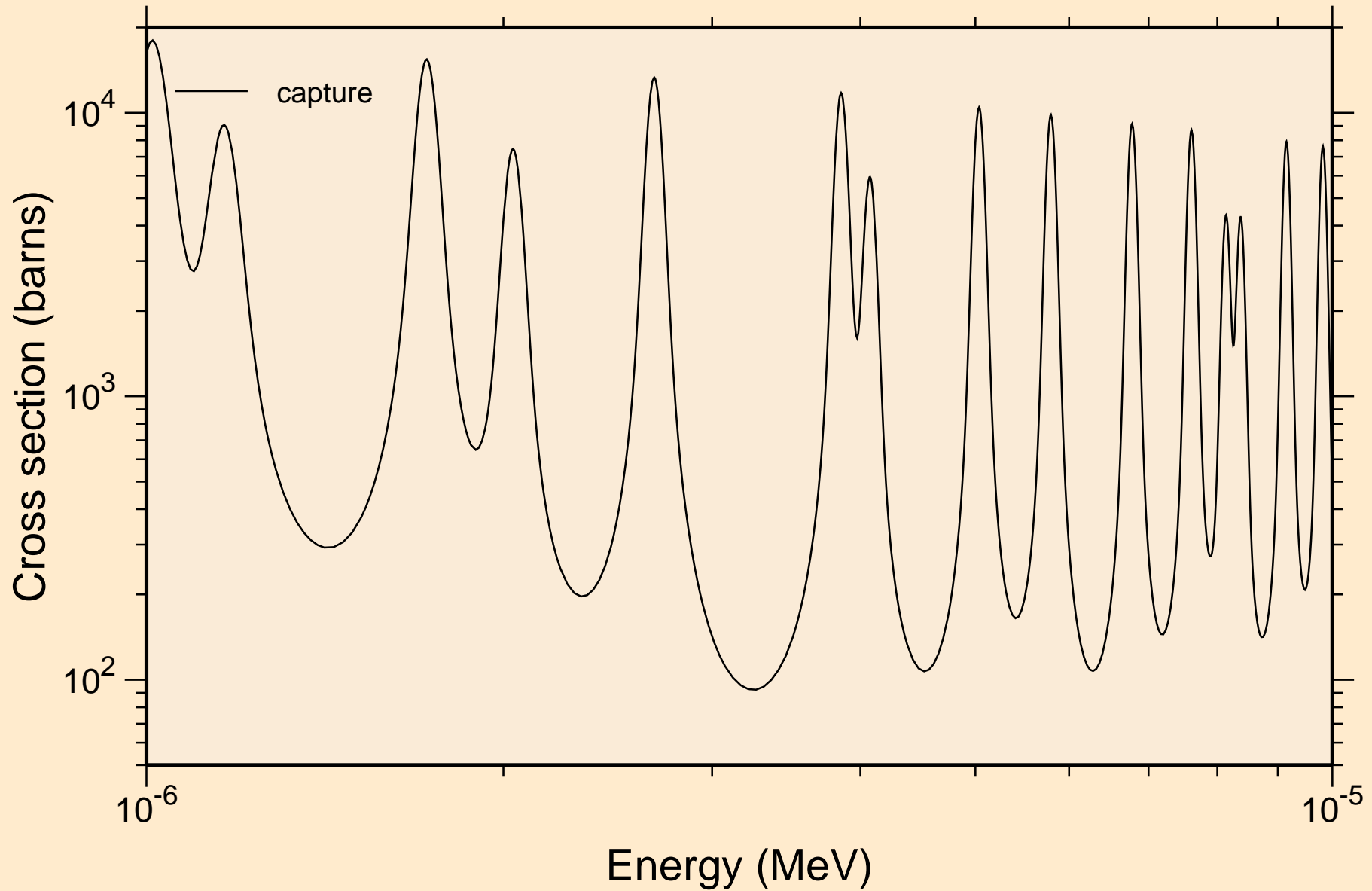




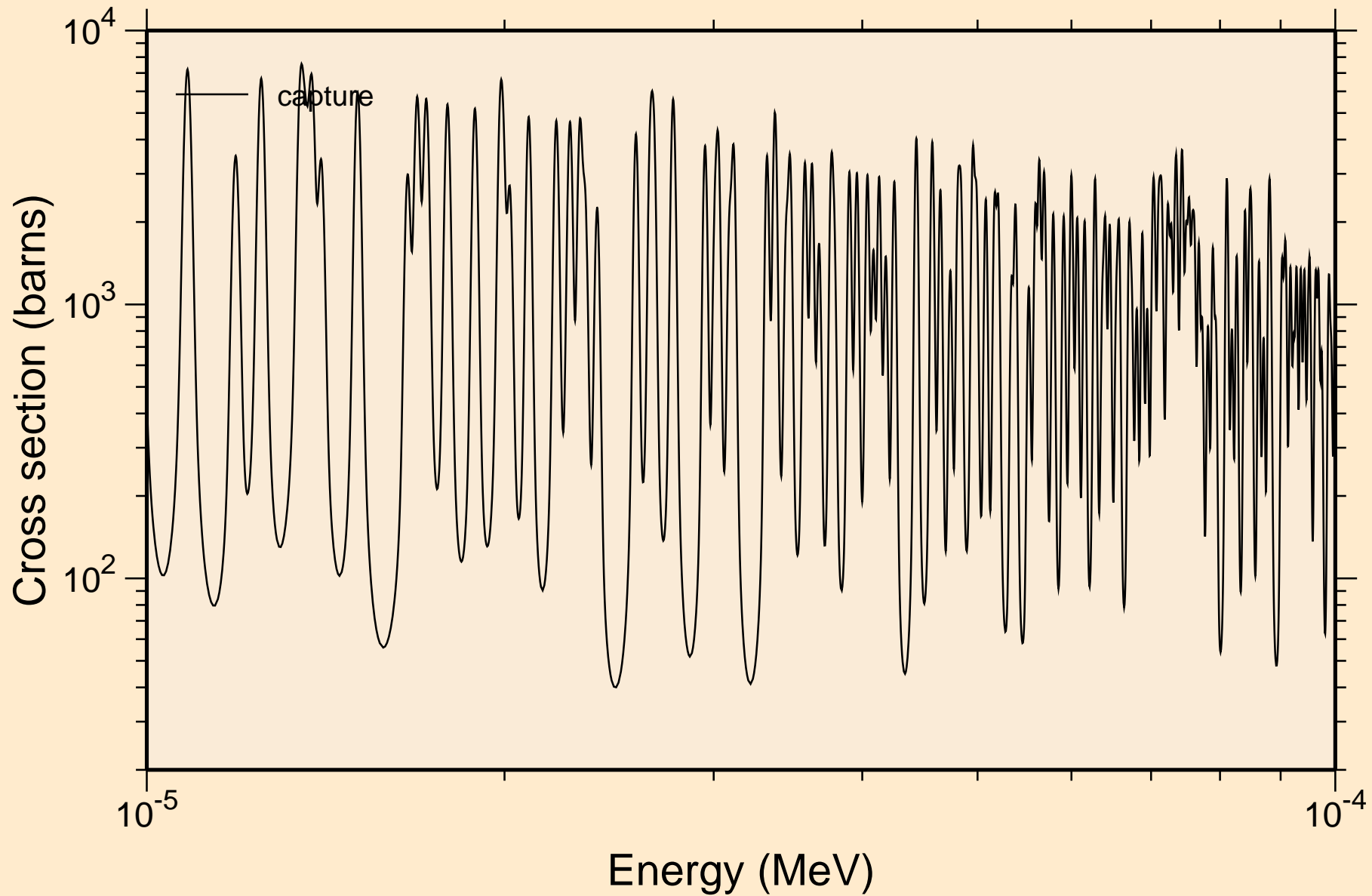
TA178M NRG TENDL-2015, AKONING  
resonance absorption cross sections



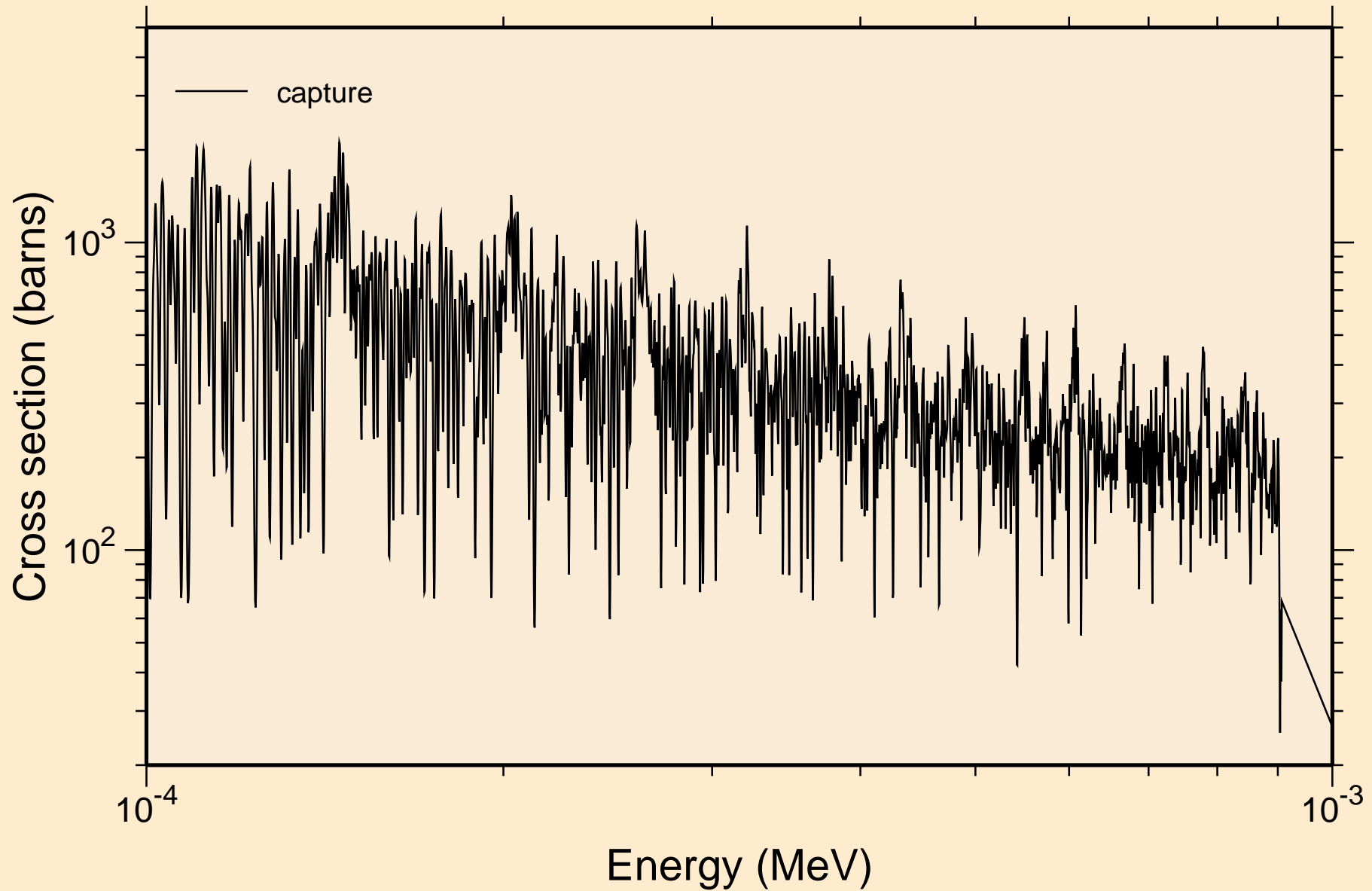
TA178M NRG TENDL-2015, AKONING  
resonance absorption cross sections



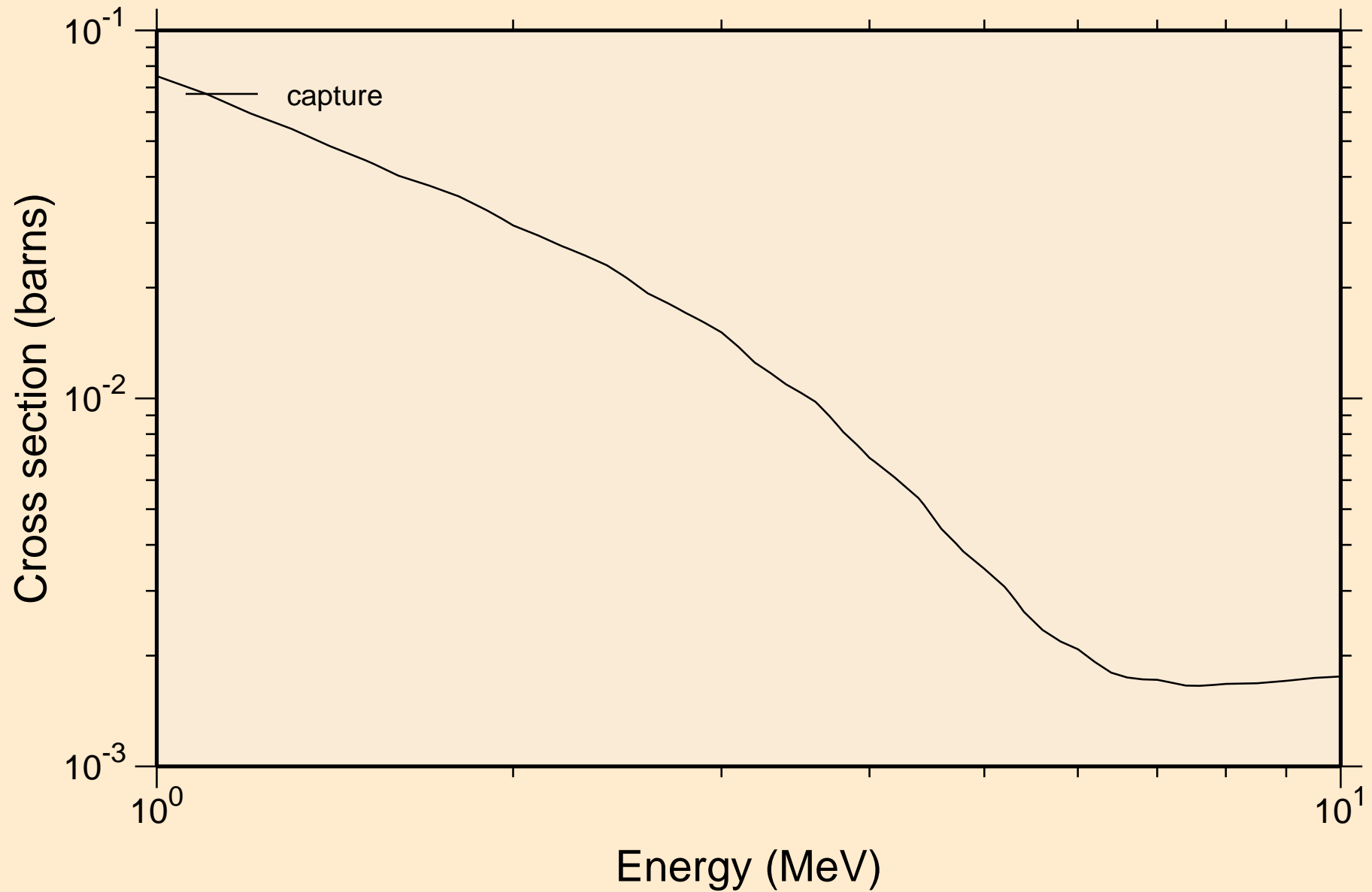
TA178M NRG TENDL-2015, AKONING  
resonance absorption cross sections



TA178M NRG TENDL-2015, AKONING  
resonance absorption cross sections

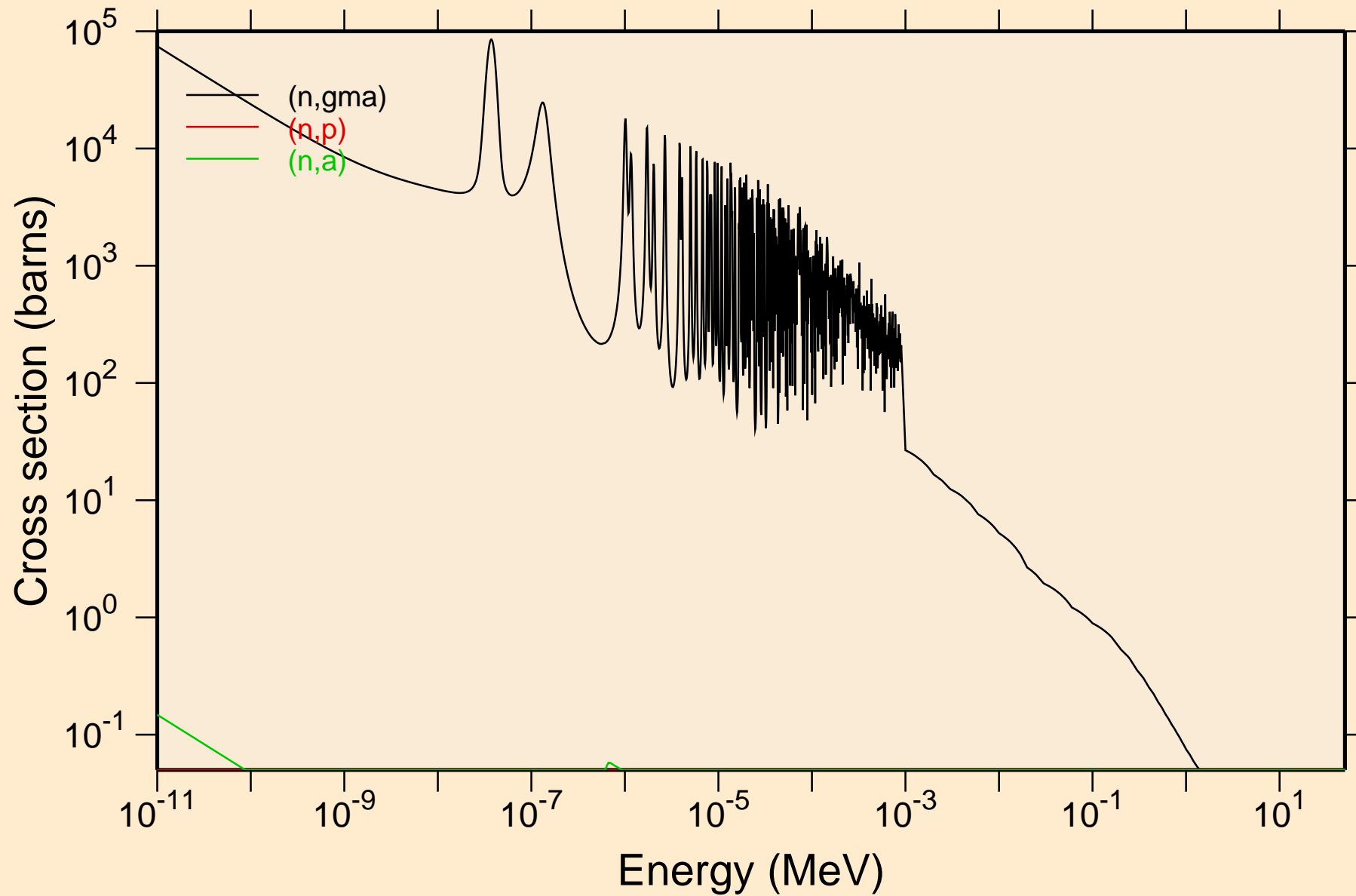


TA178M NRG TENDL-2015, AKONING  
resonance absorption cross sections



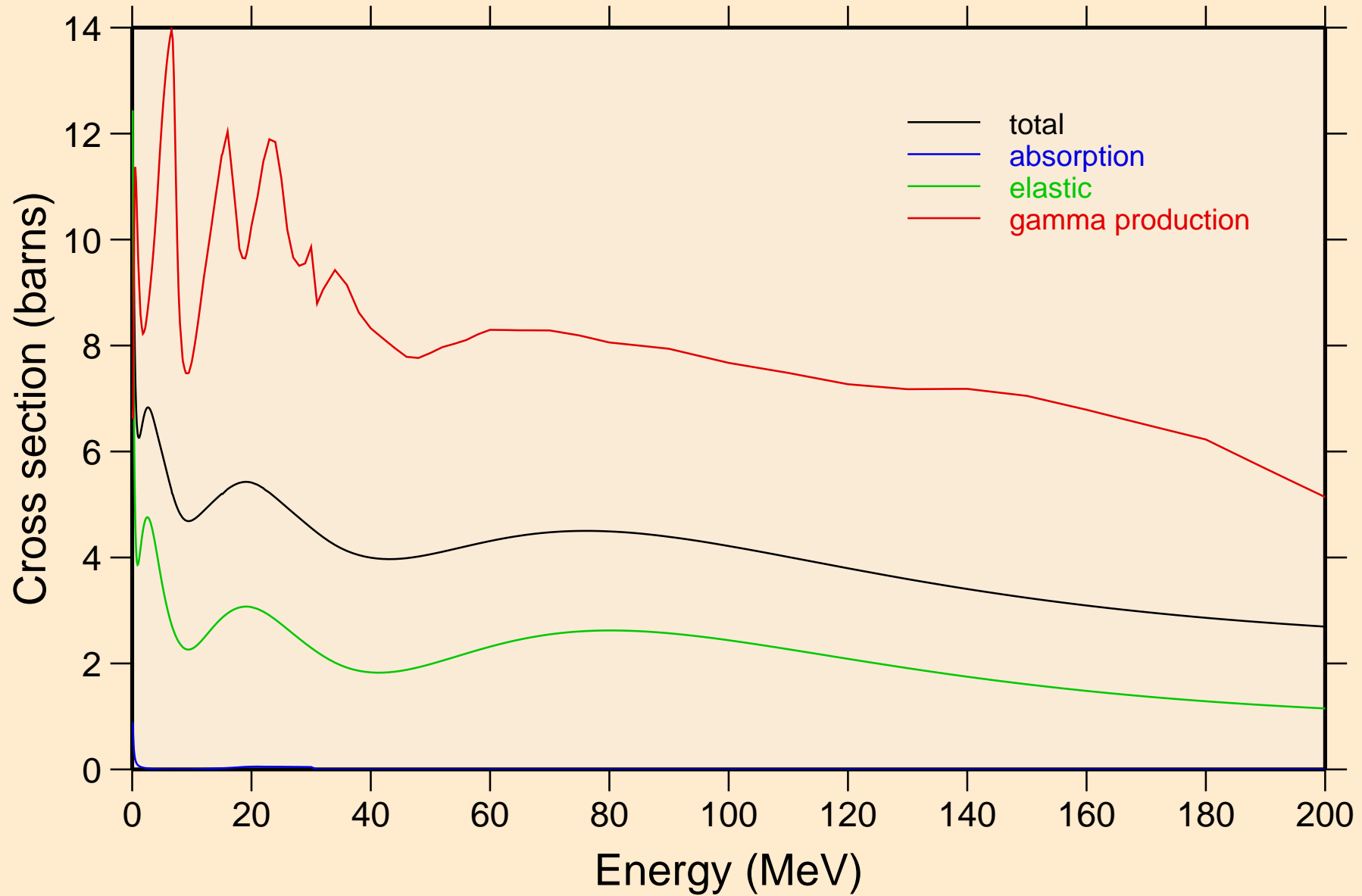
# TA178M NRG TENDL-2015, AKONING

## Non-threshold reactions



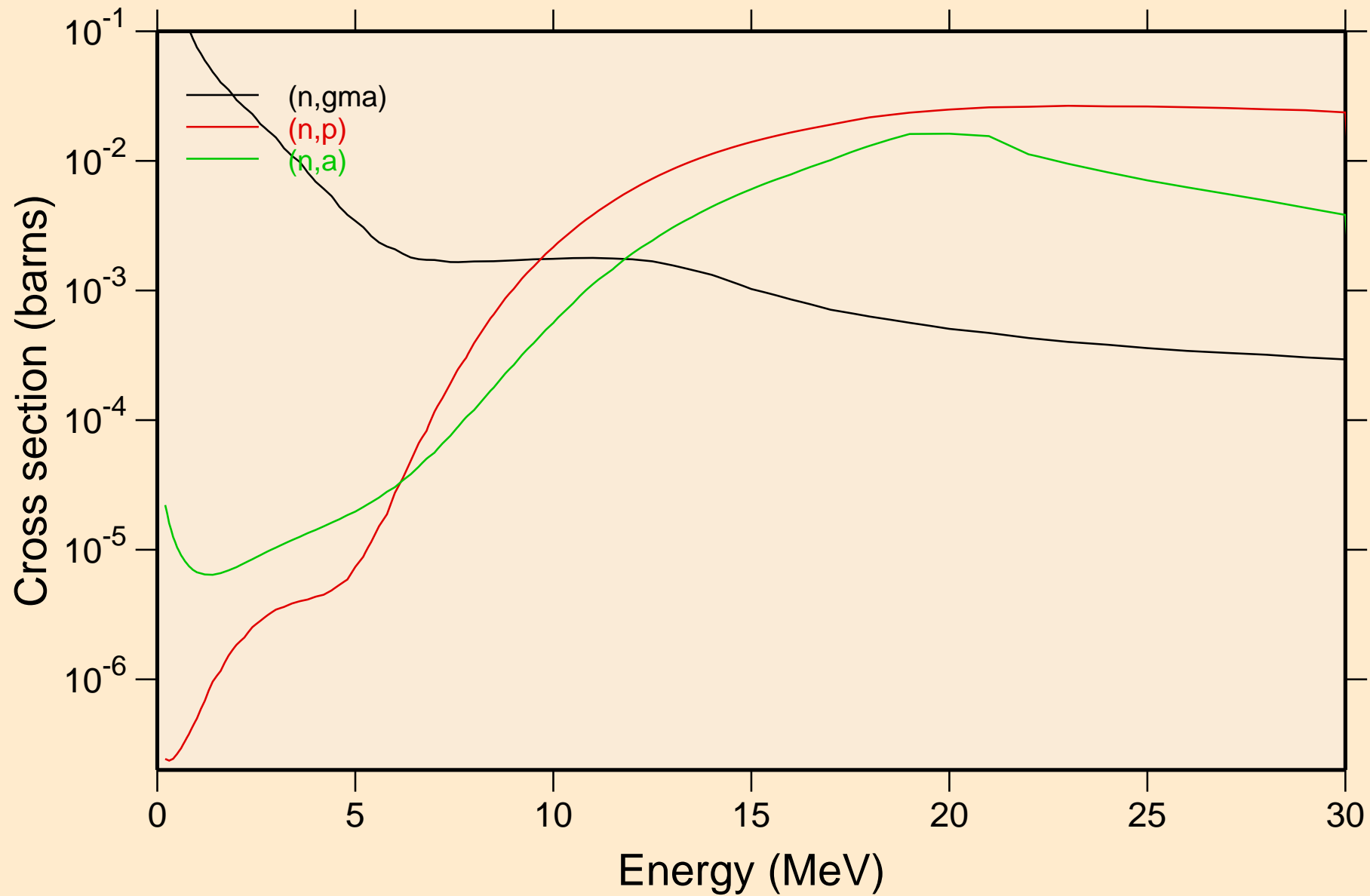
# TA178M NRG TENDL-2015, AKONING

## Principal cross sections



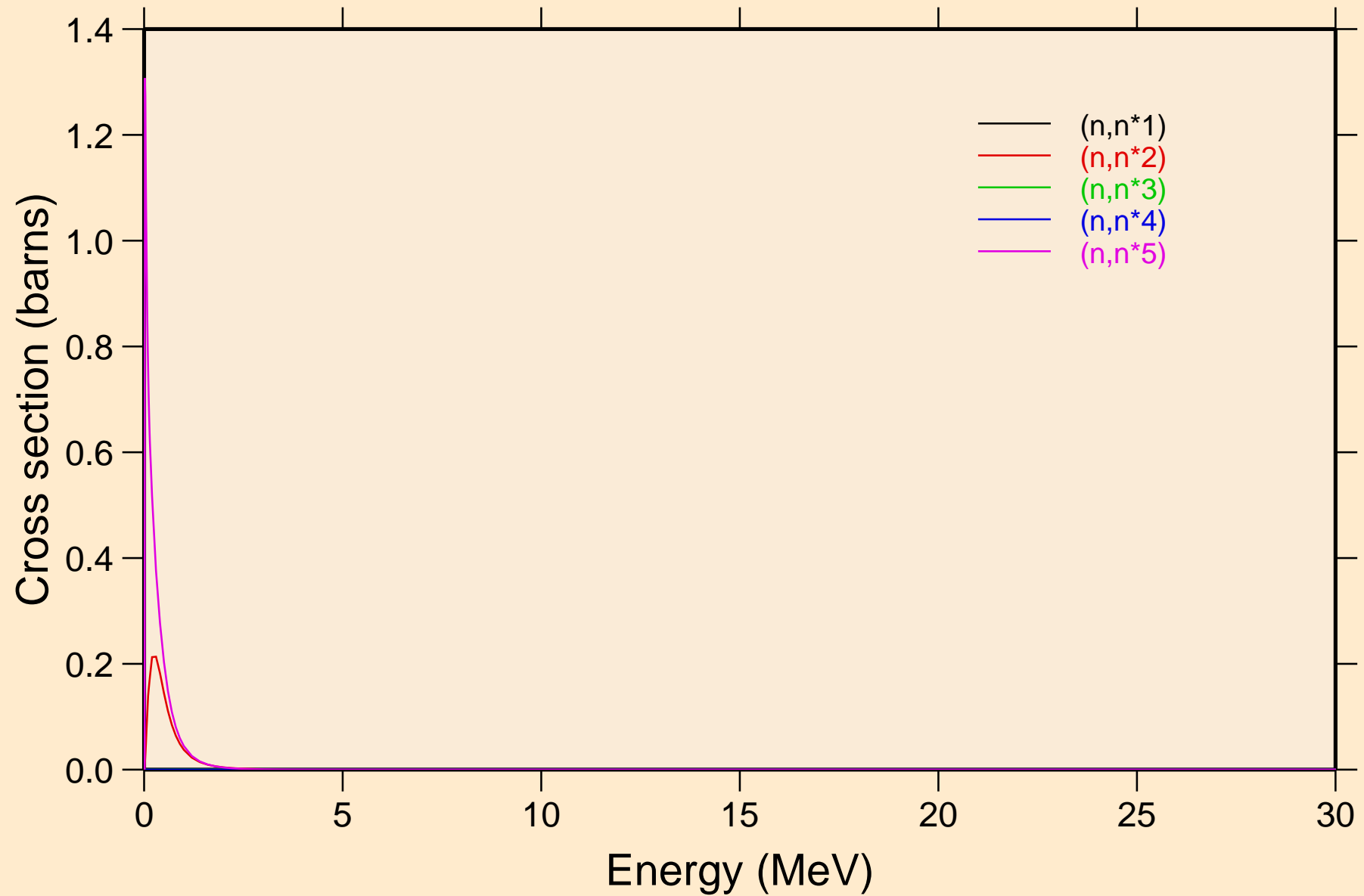
# TA178M NRG TENDL-2015, AKONING

## Non-threshold reactions



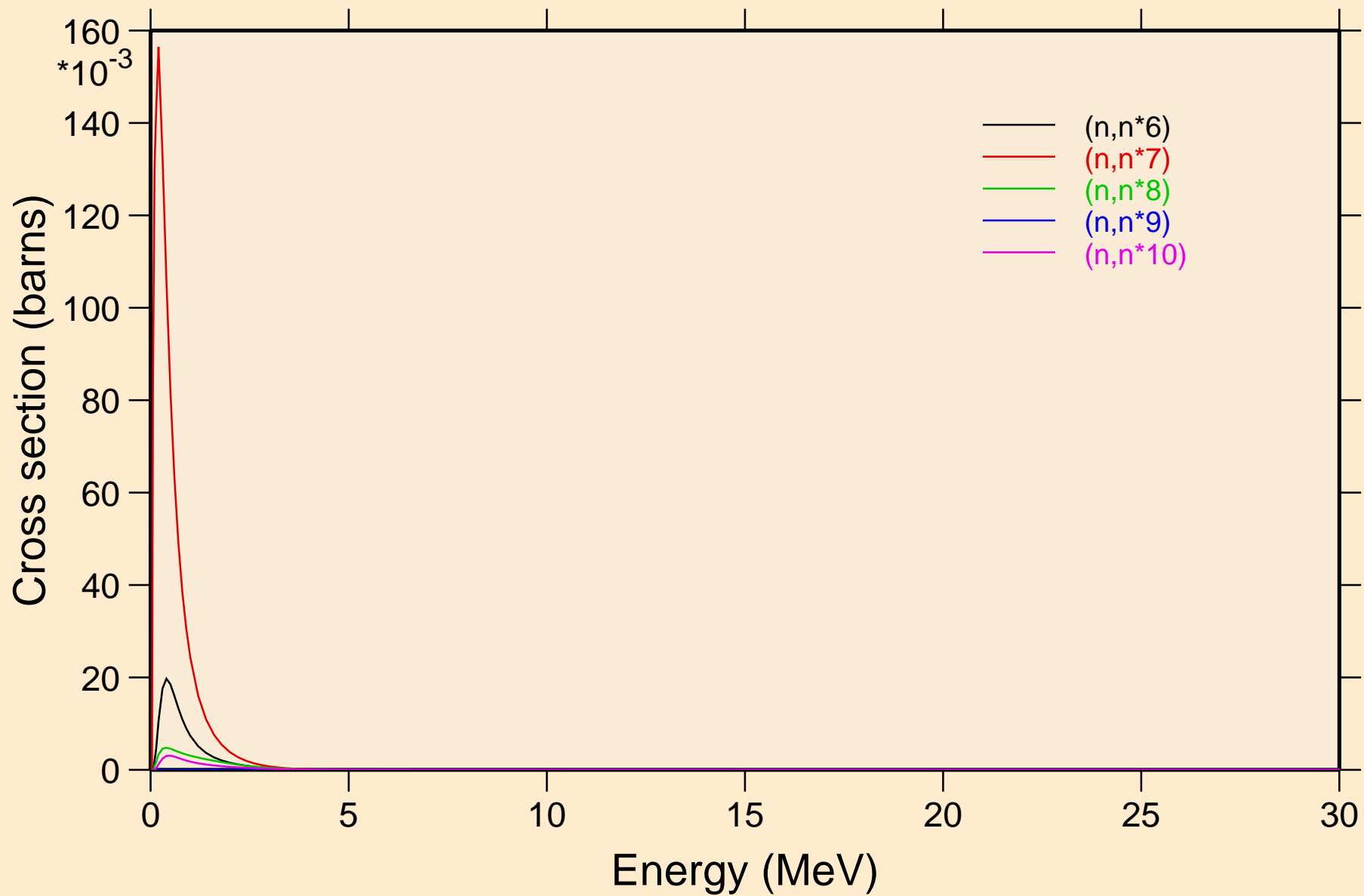


TA178M NRG TENDL-2015, AKONING  
Inelastic levels



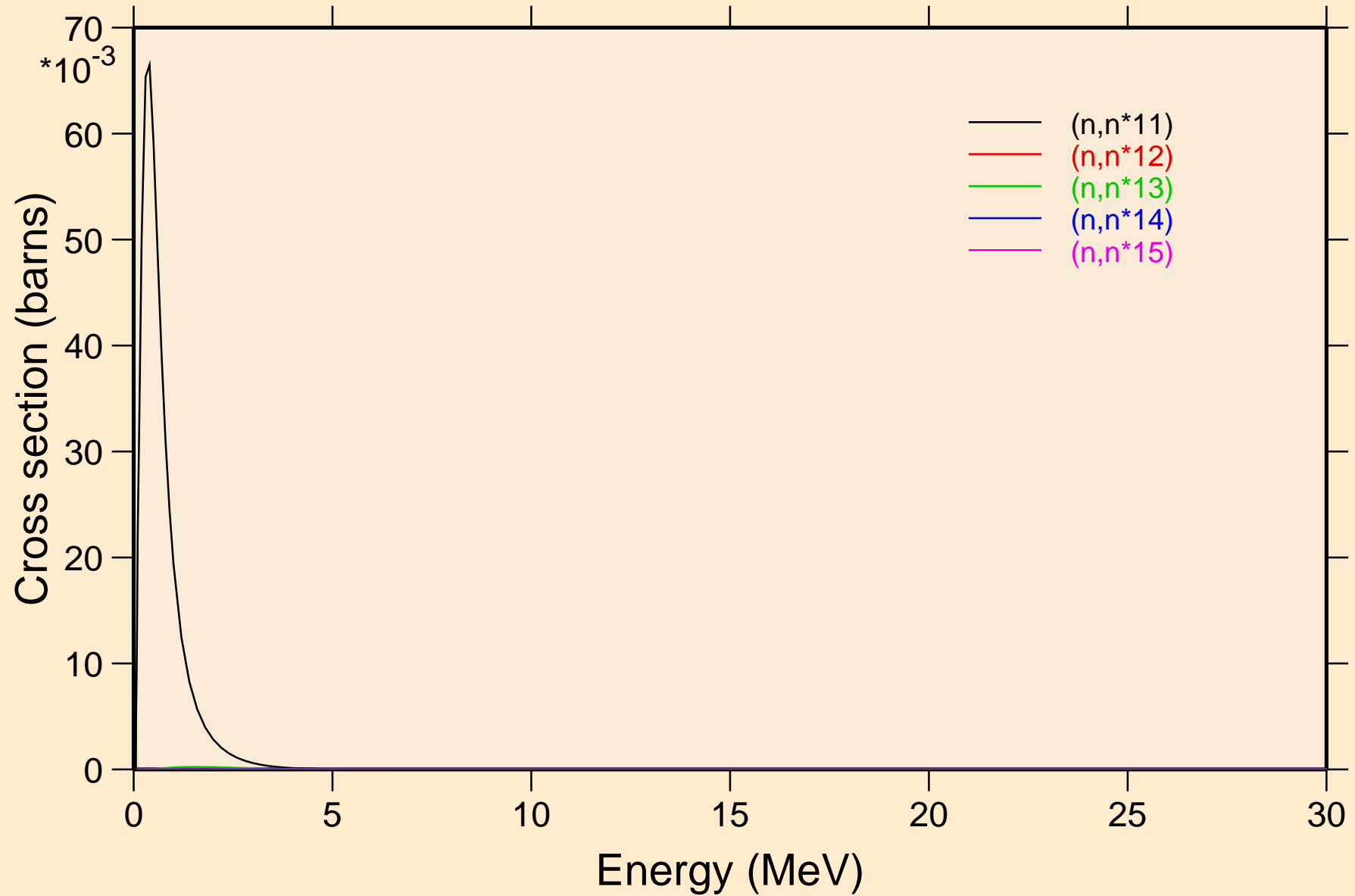
# TA178M NRG TENDL-2015, AKONING

## Inelastic levels



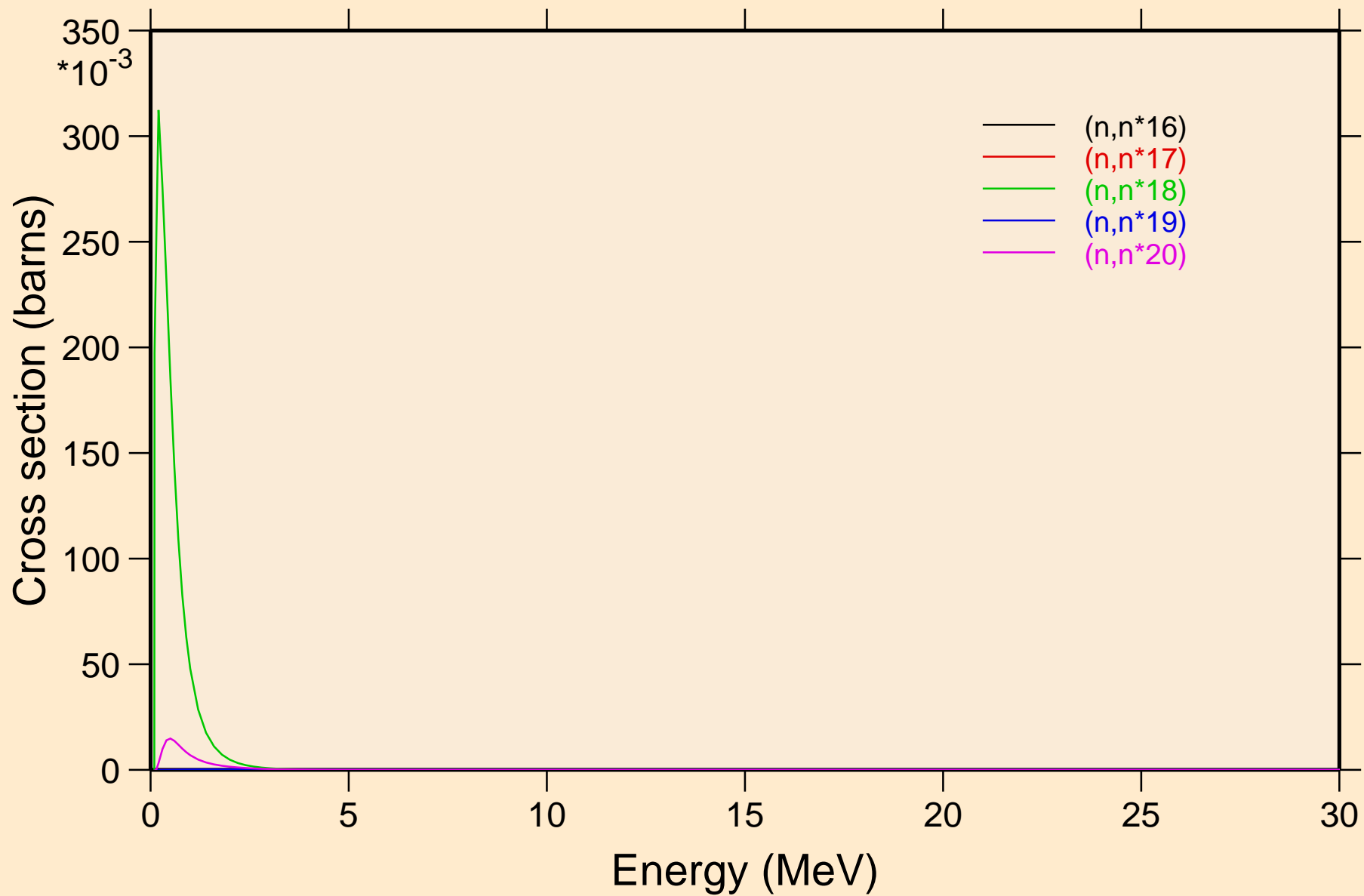
# TA178M NRG TENDL-2015, AKONING

## Inelastic levels



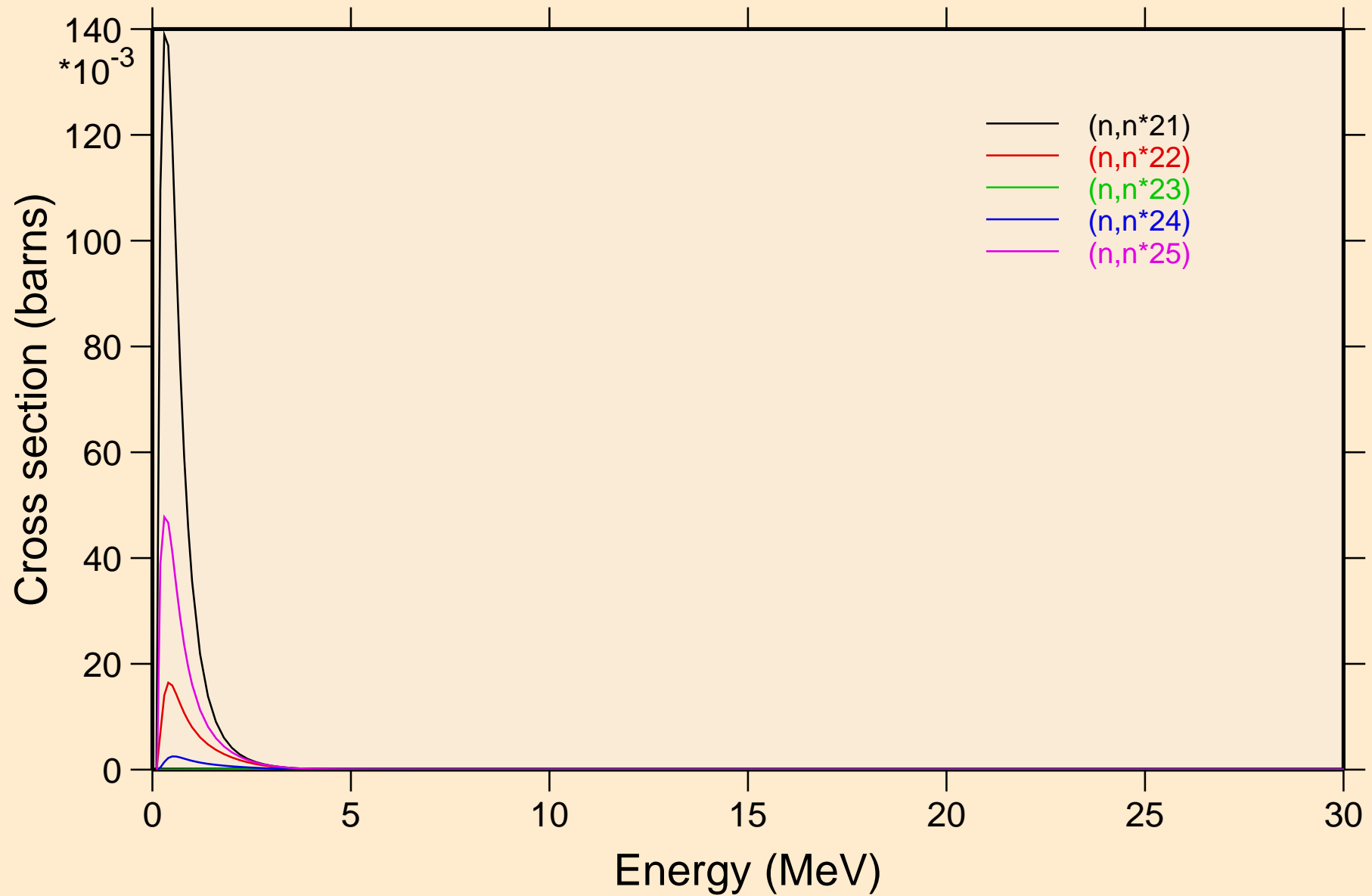
# TA178M NRG TENDL-2015, AKONING

## Inelastic levels



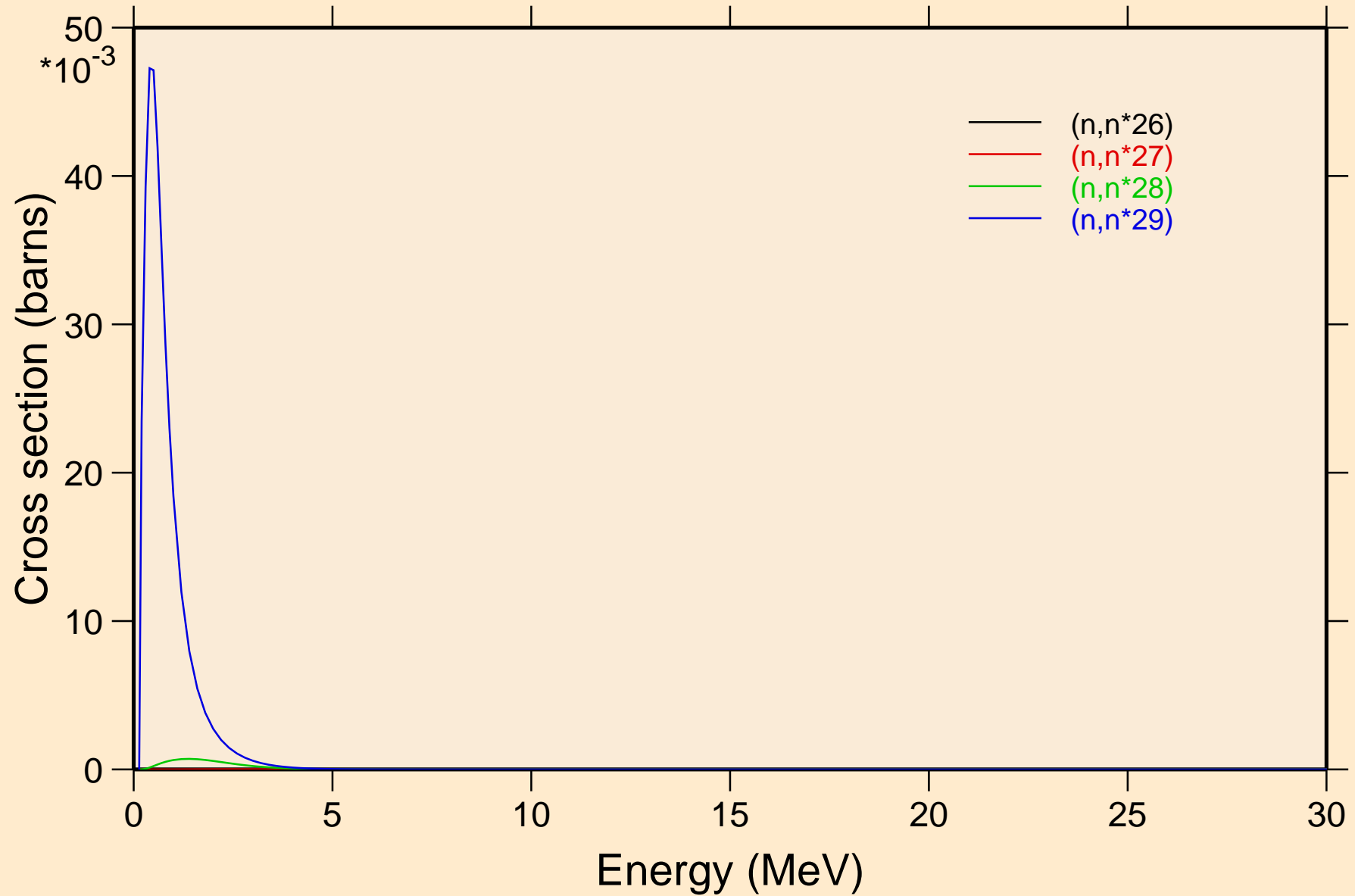
# TA178M NRG TENDL-2015, AKONING

## Inelastic levels



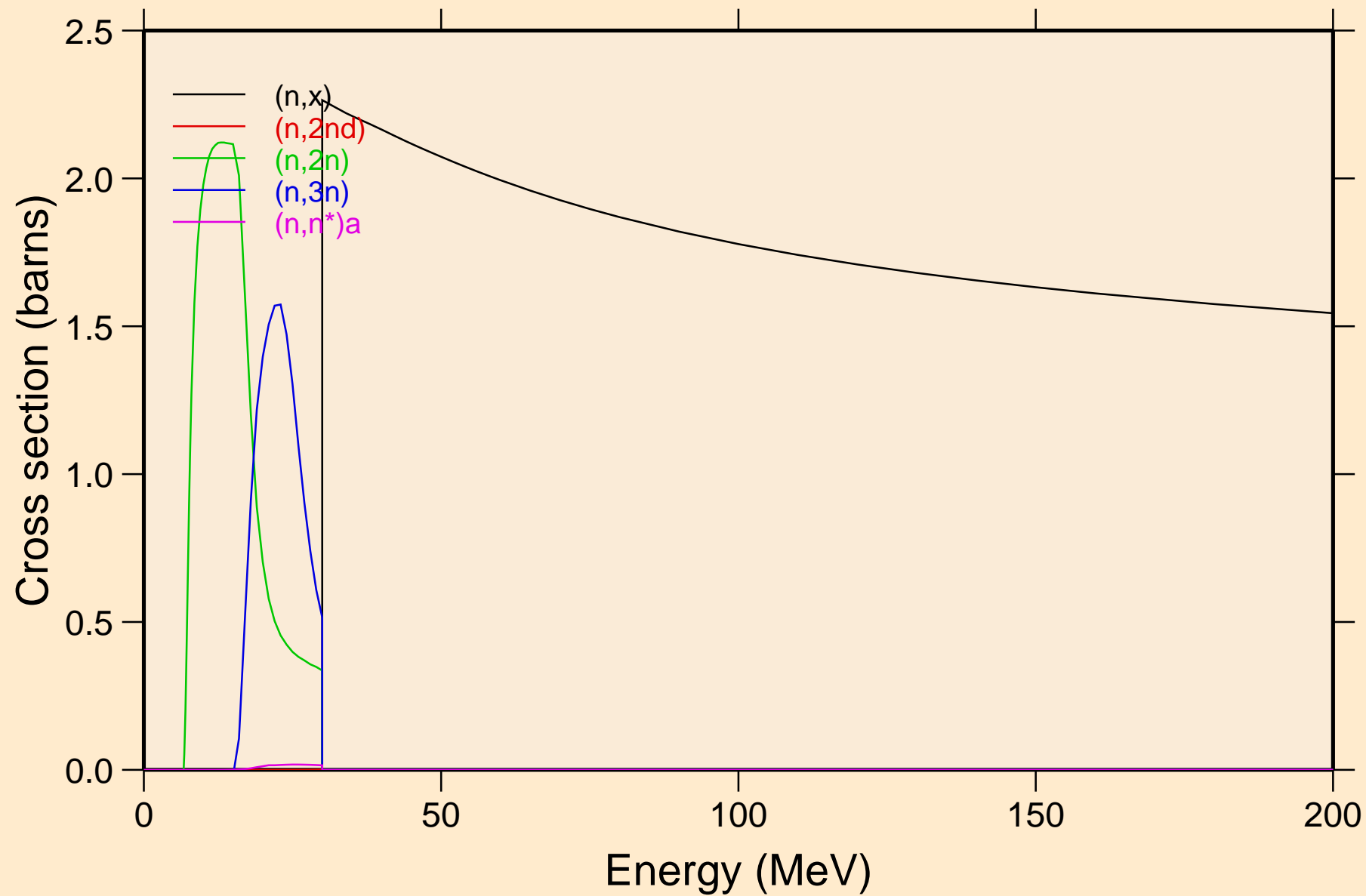
# TA178M NRG TENDL-2015, AKONING

## Inelastic levels



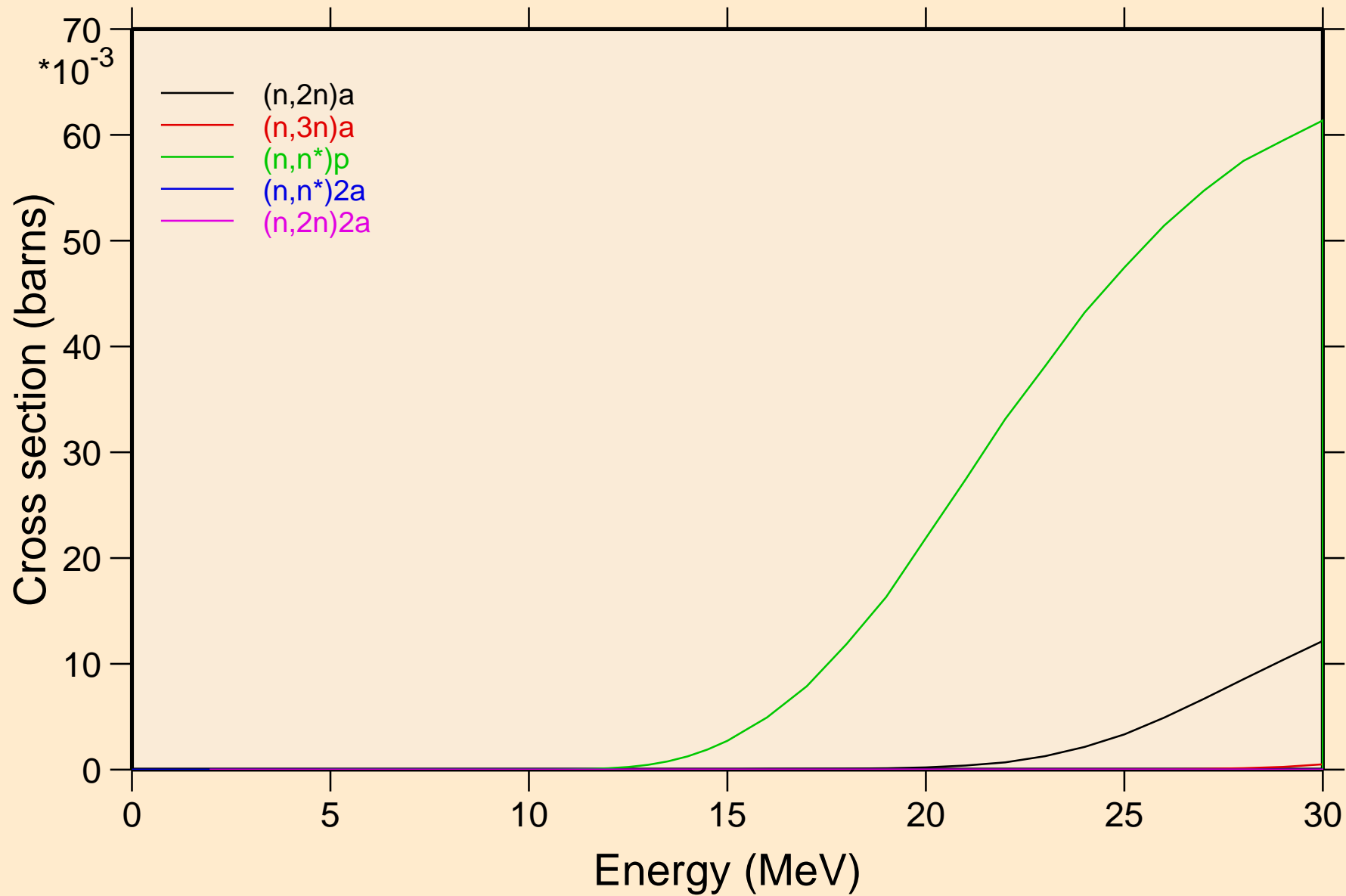
# TA178M NRG TENDL-2015, AKONING

## Threshold reactions



# TA178M NRG TENDL-2015, AKONING

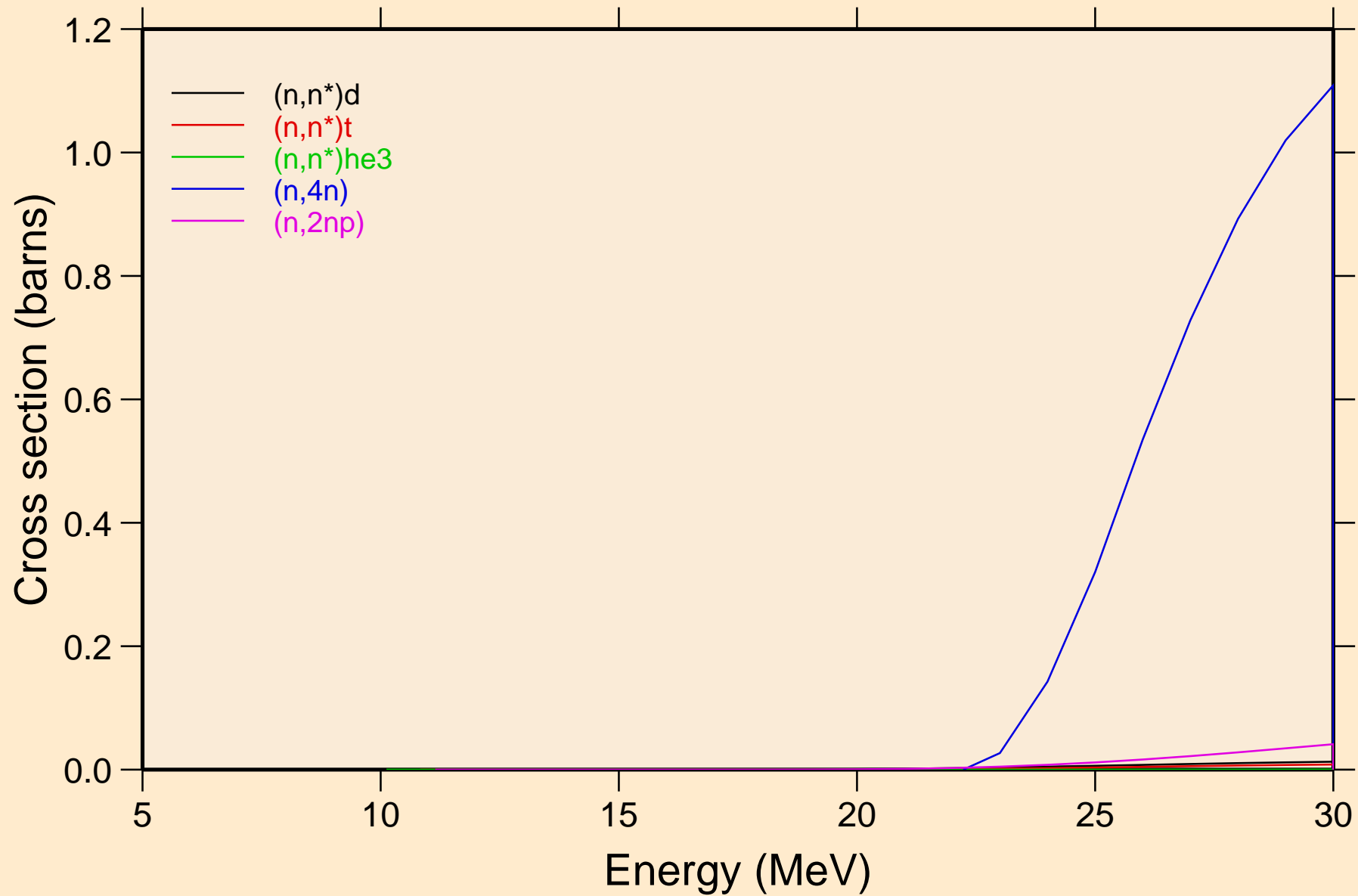
## Threshold reactions





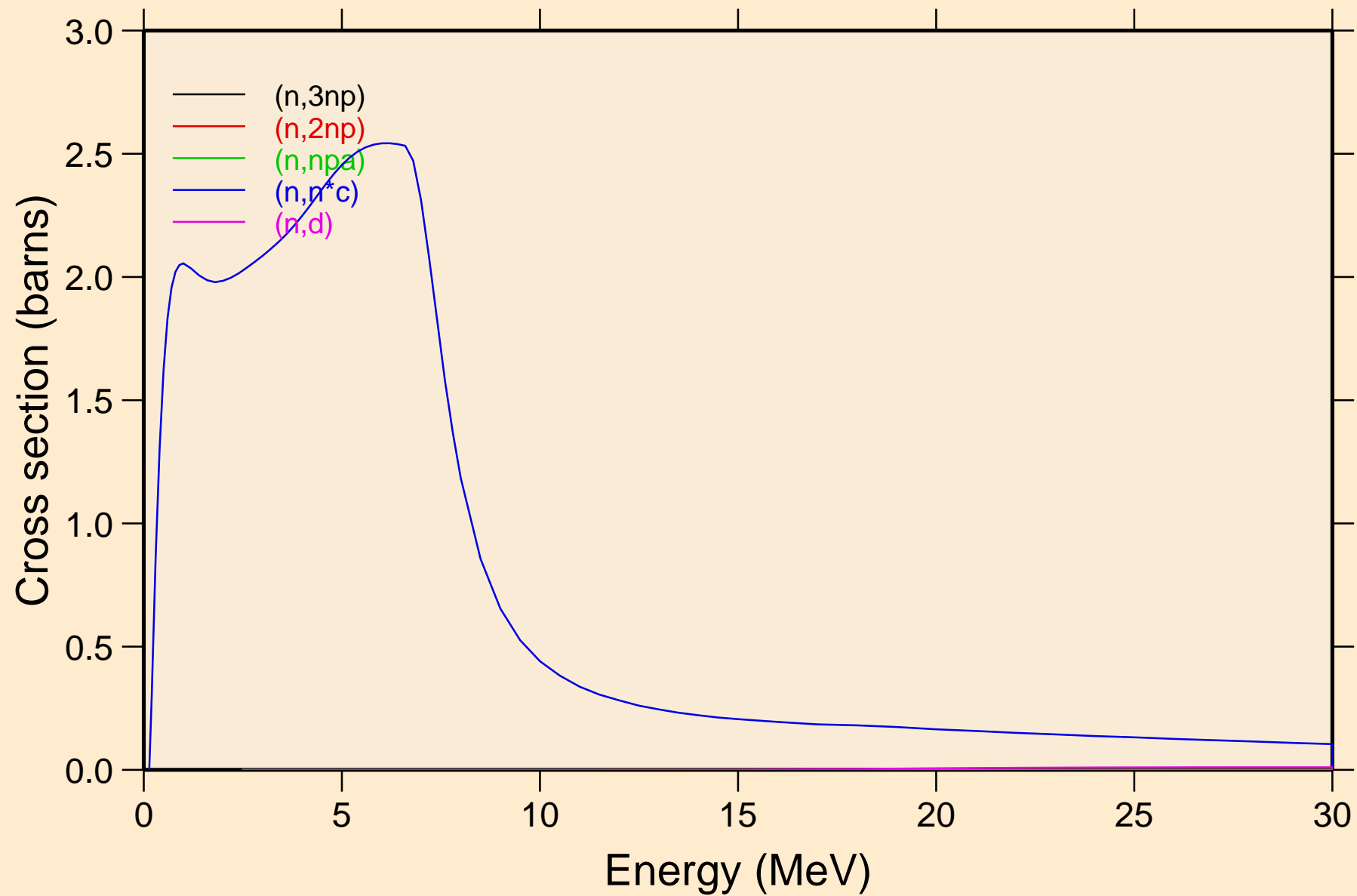
# TA178M NRG TENDL-2015, AKONING

## Threshold reactions



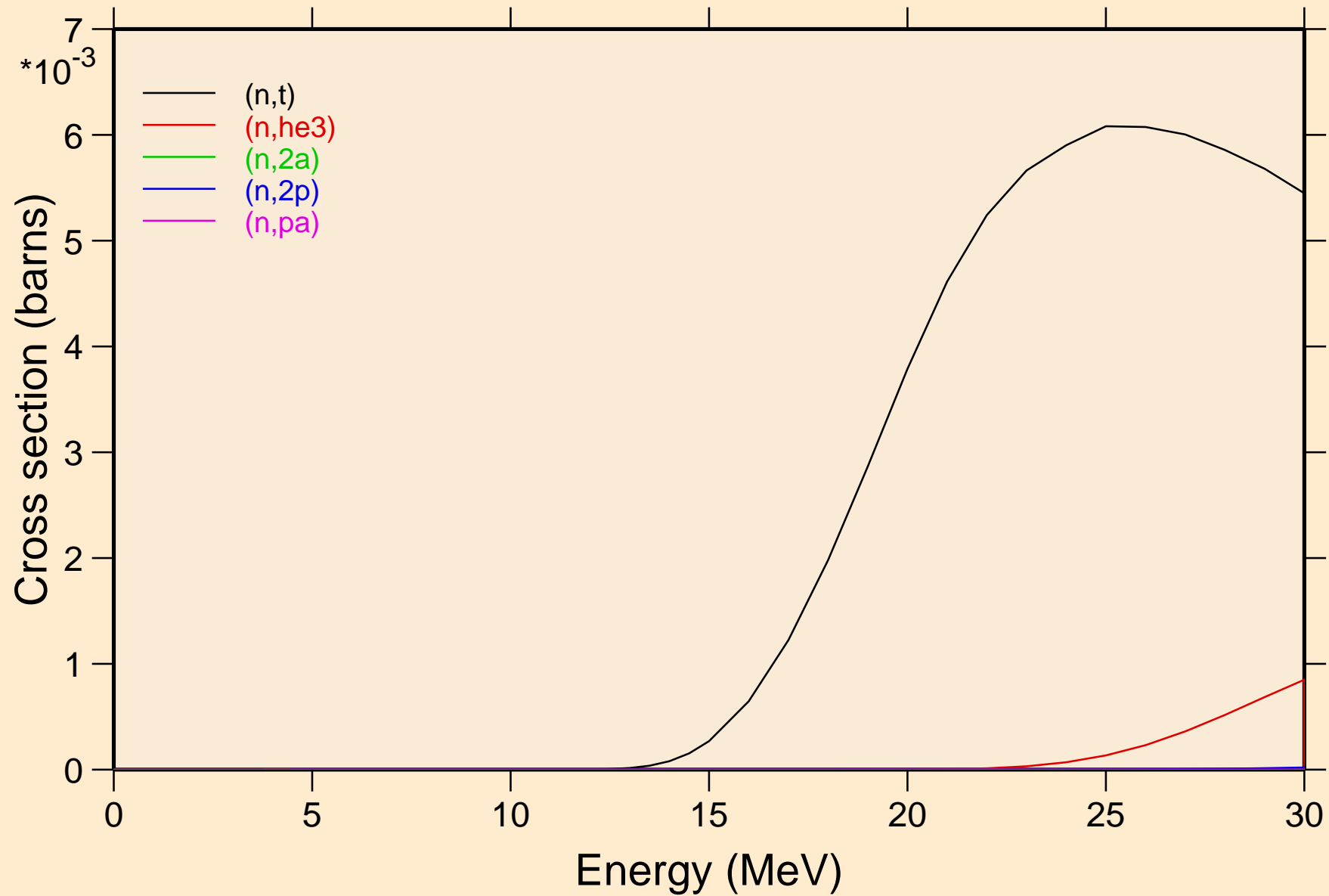
# TA178M NRG TENDL-2015, AKONING

## Threshold reactions



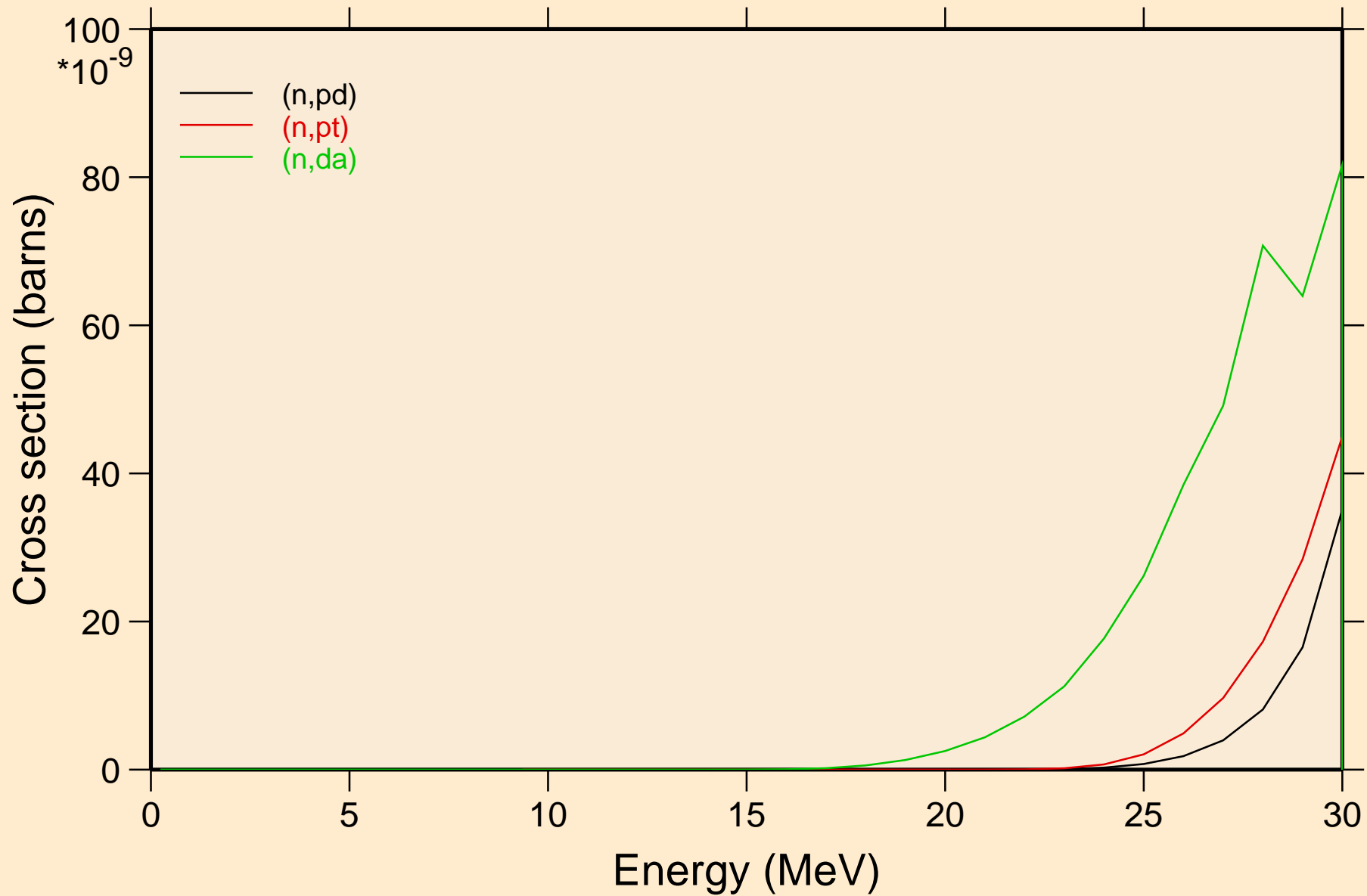
# TA178M NRG TENDL-2015, AKONING

## Threshold reactions

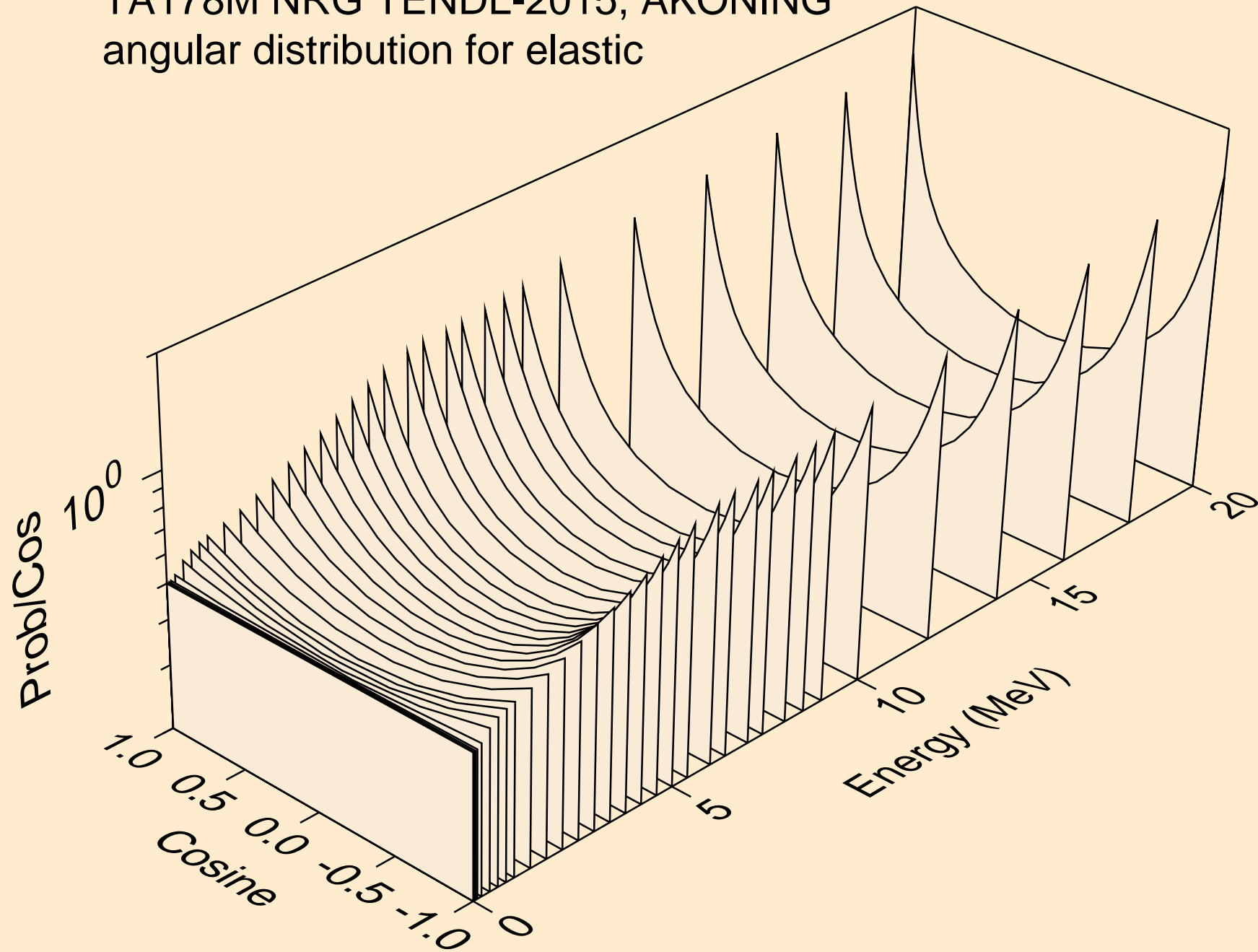


# TA178M NRG TENDL-2015, AKONING

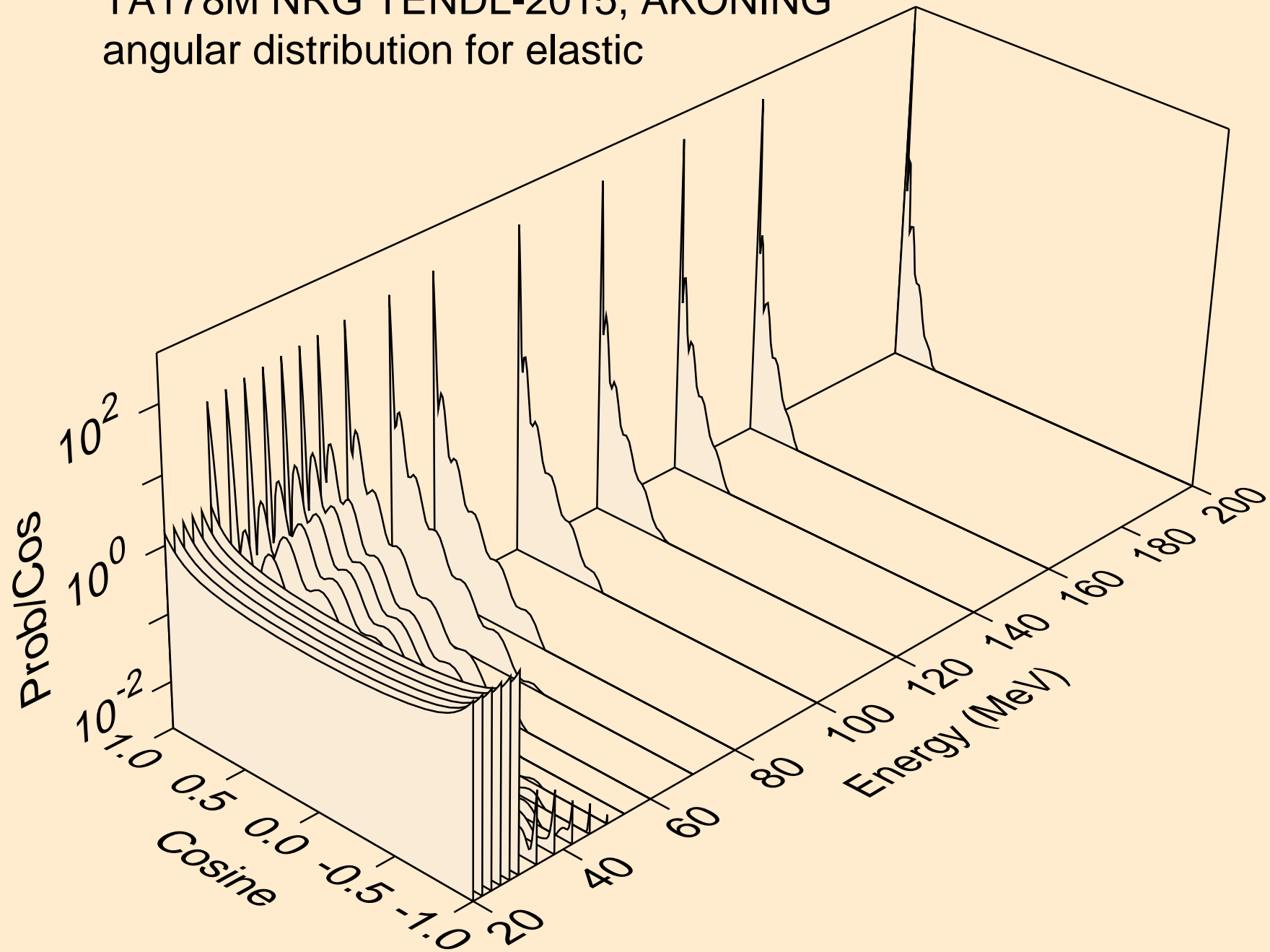
## Threshold reactions



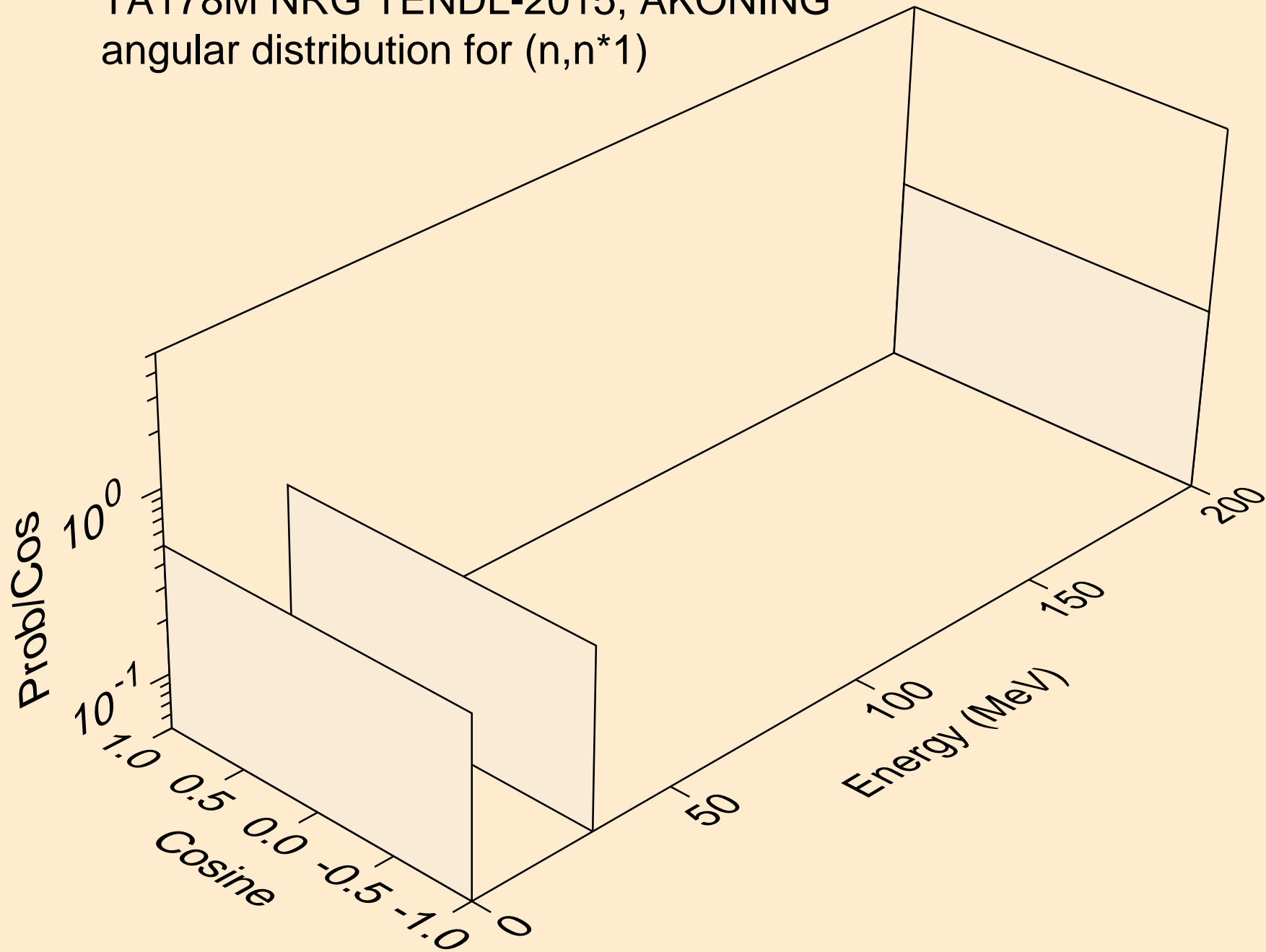
TA178M NRG TENDL-2015, AKONING  
angular distribution for elastic



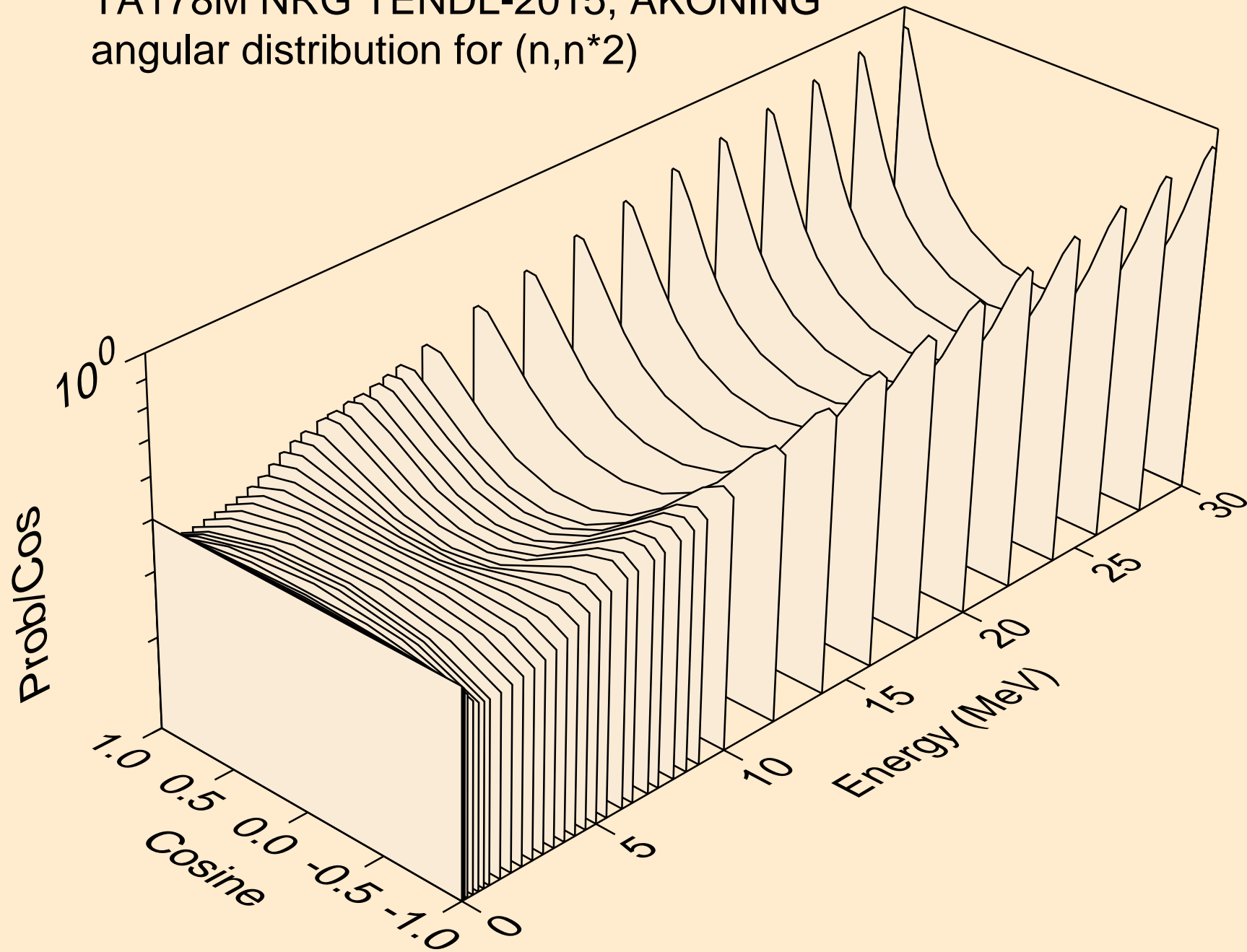
TA178M NRG TENDL-2015, AKONING  
angular distribution for elastic



TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

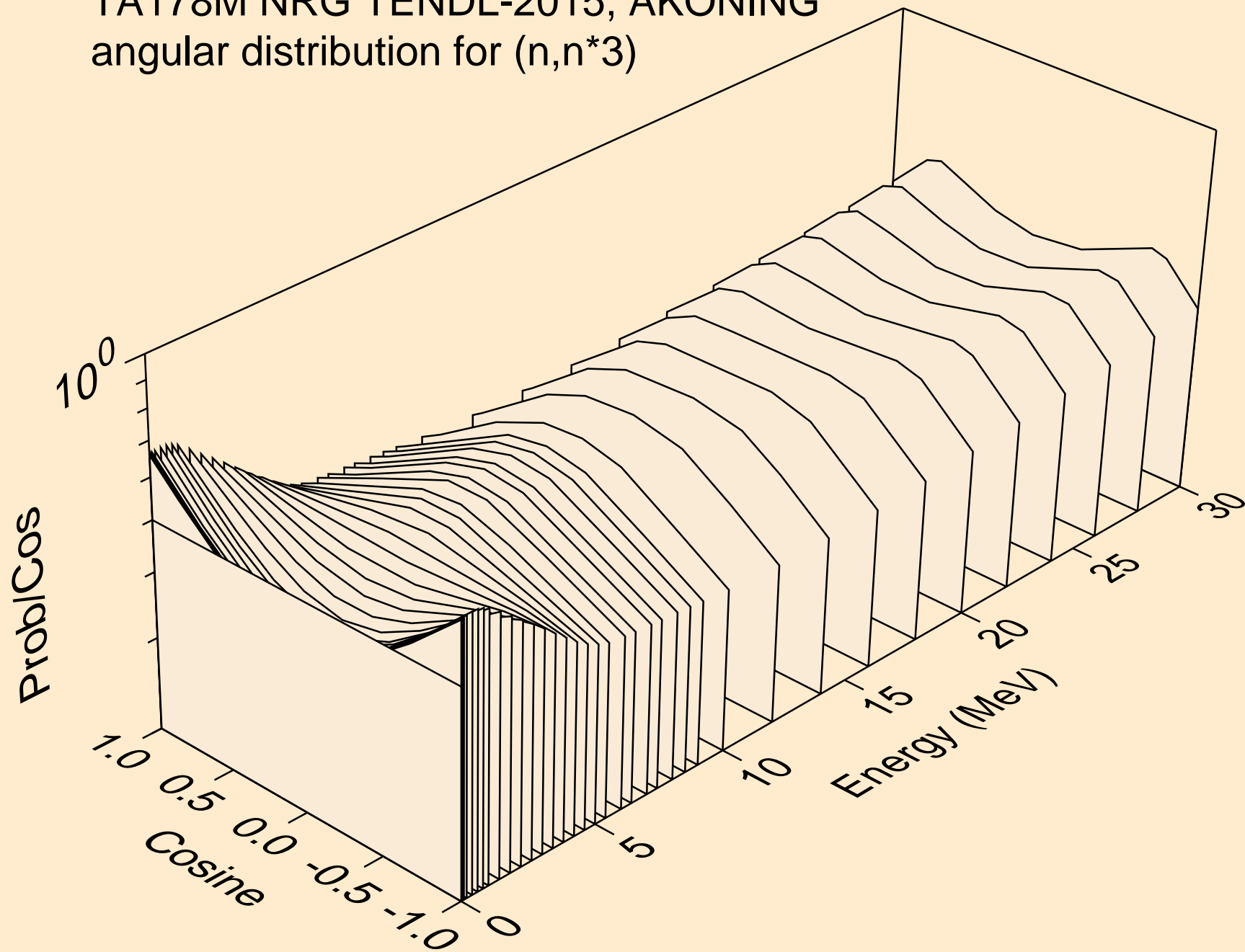


TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

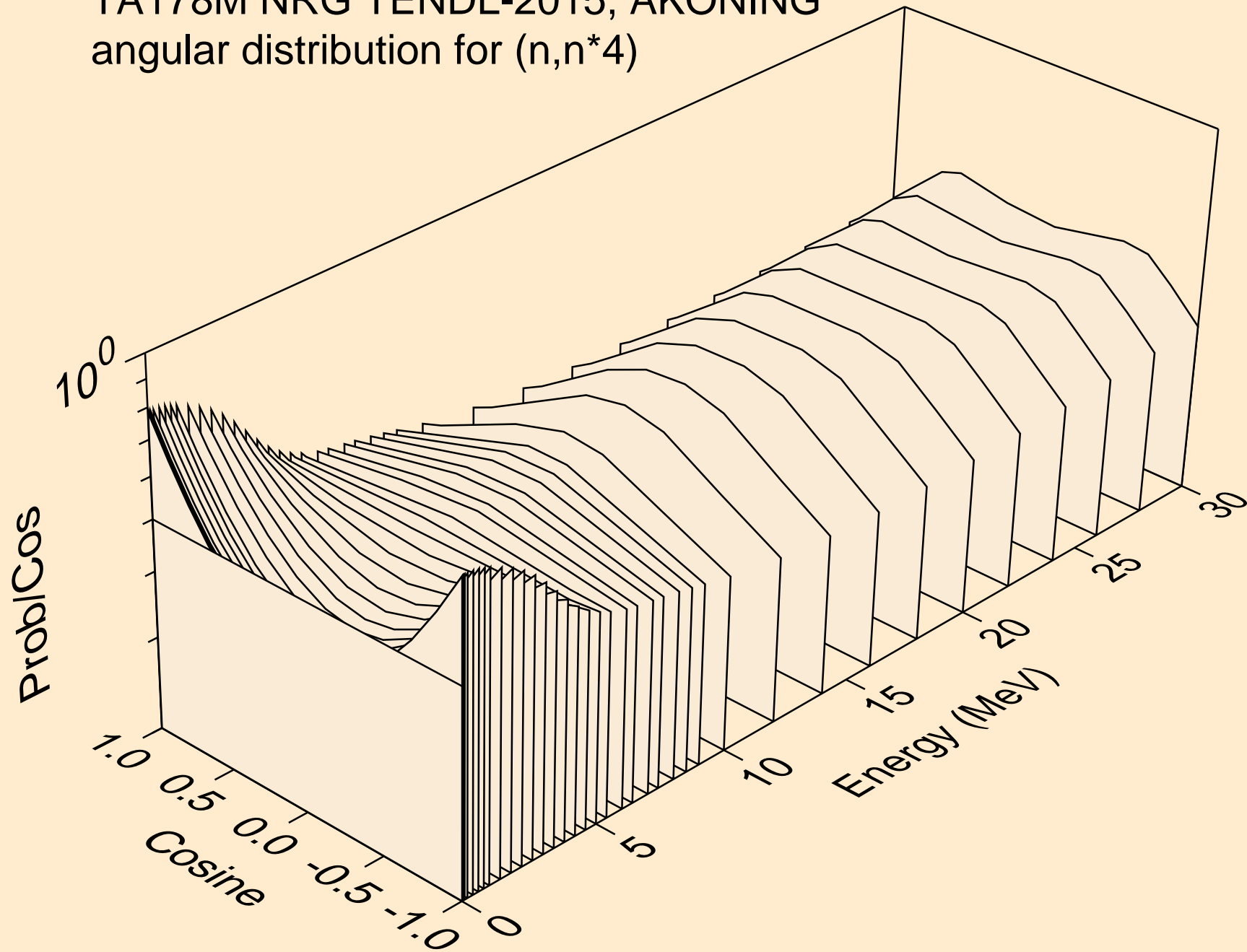




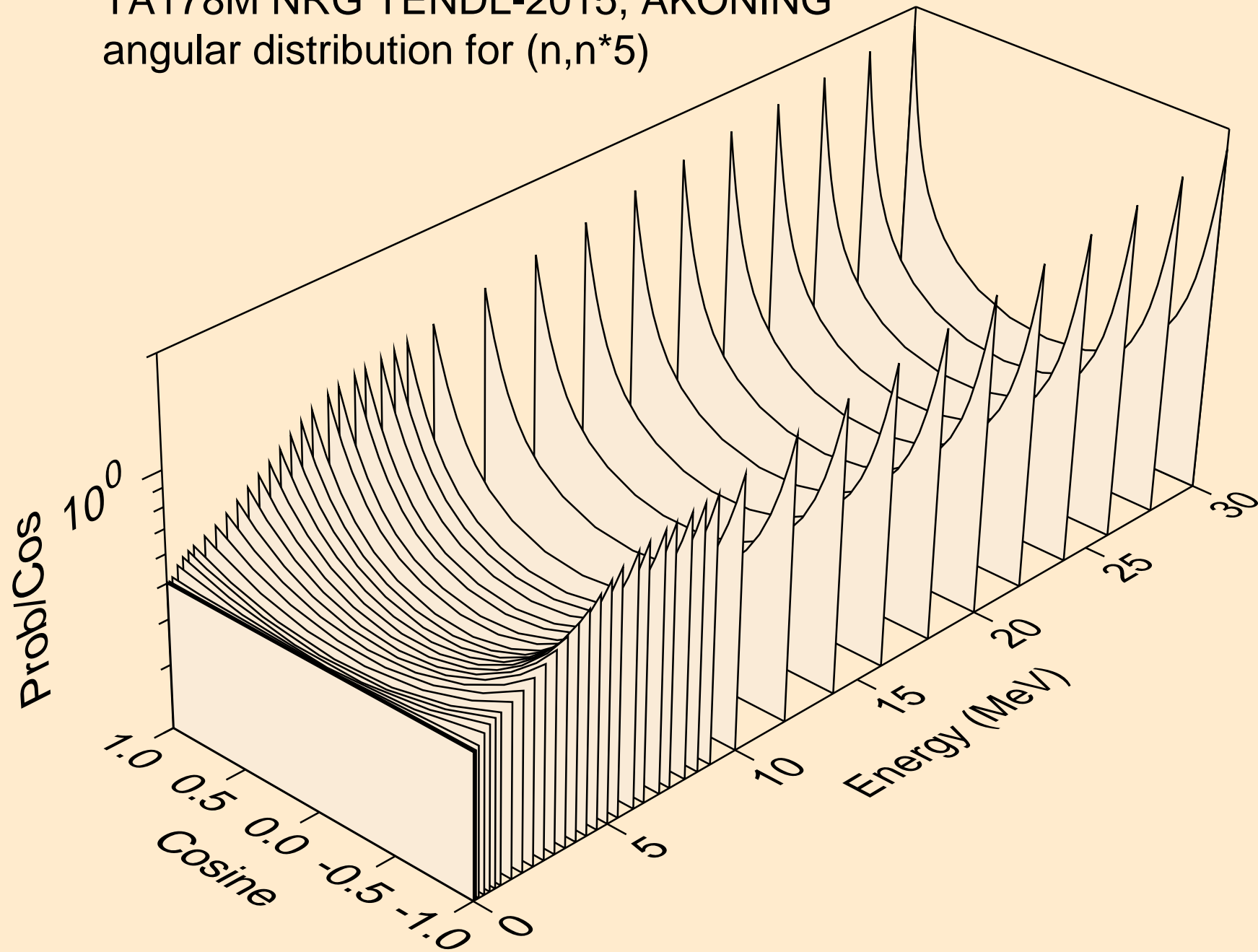
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



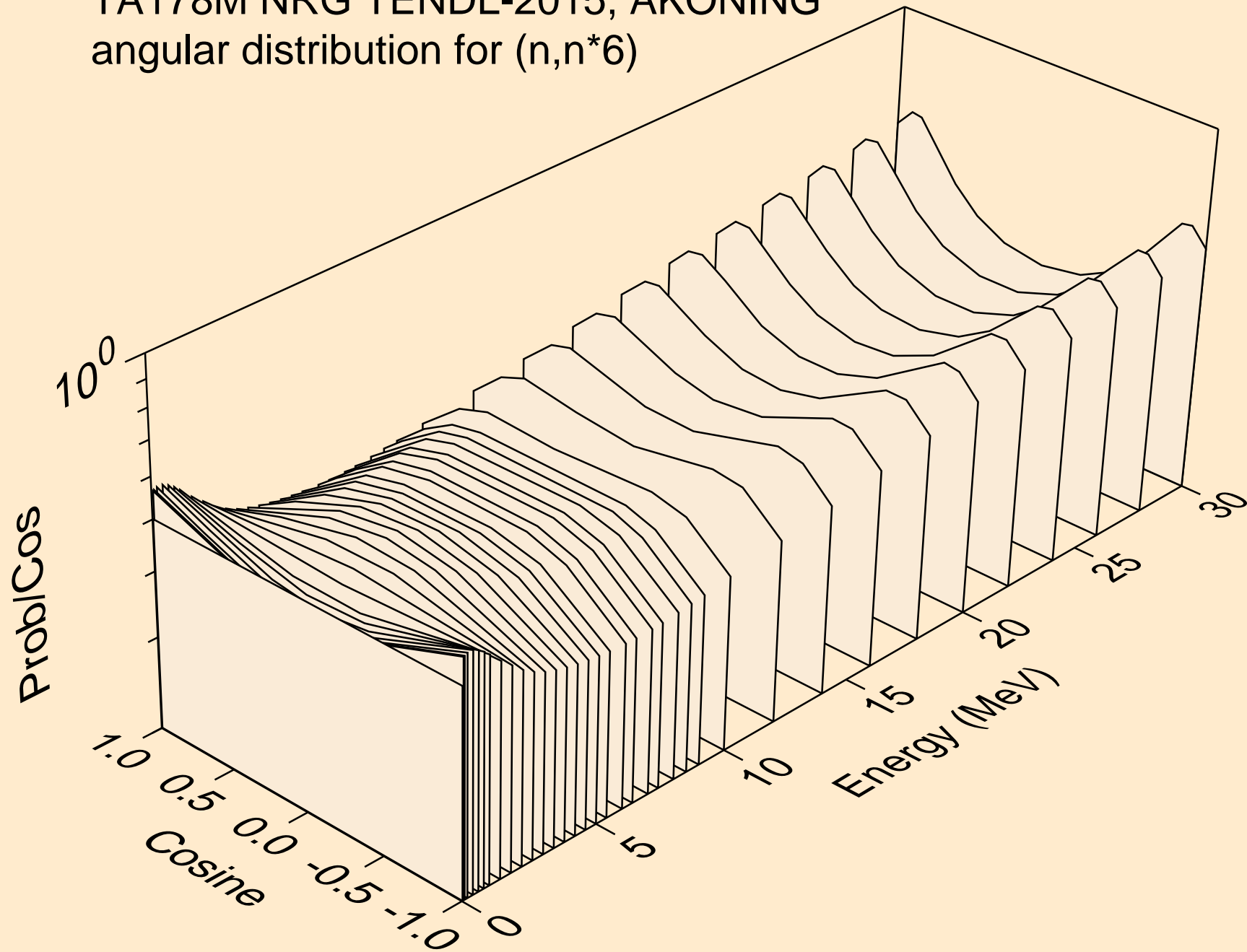
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



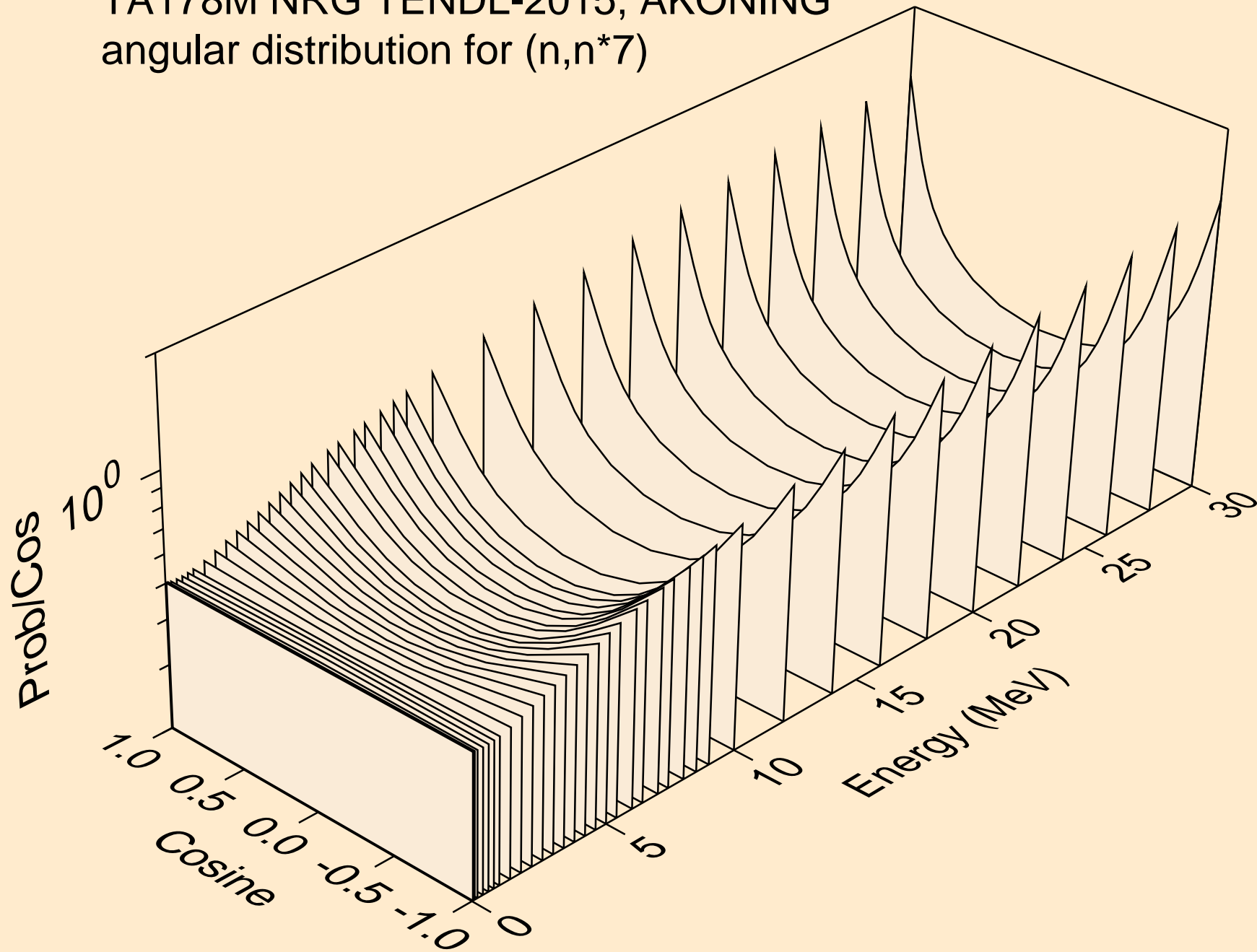
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



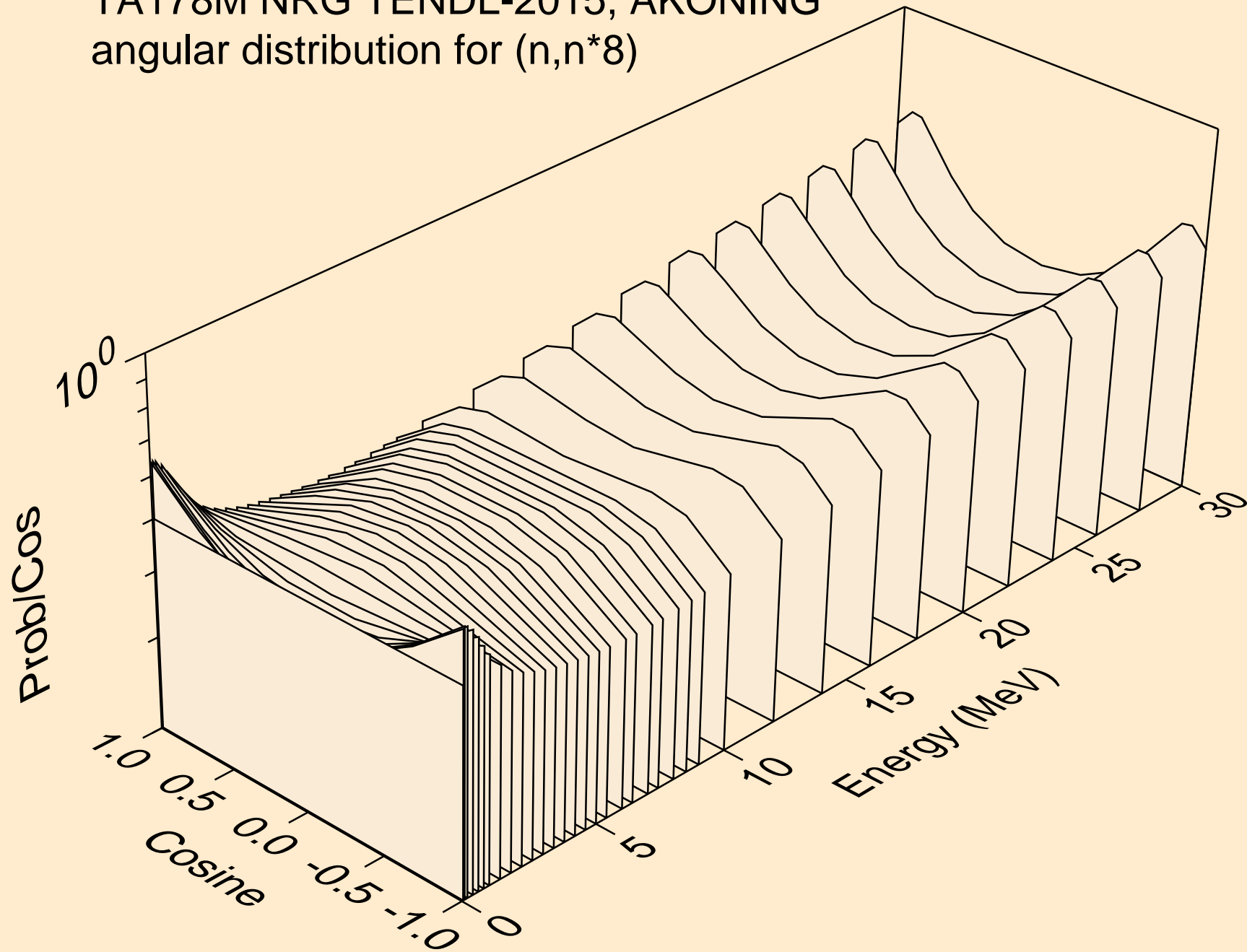
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



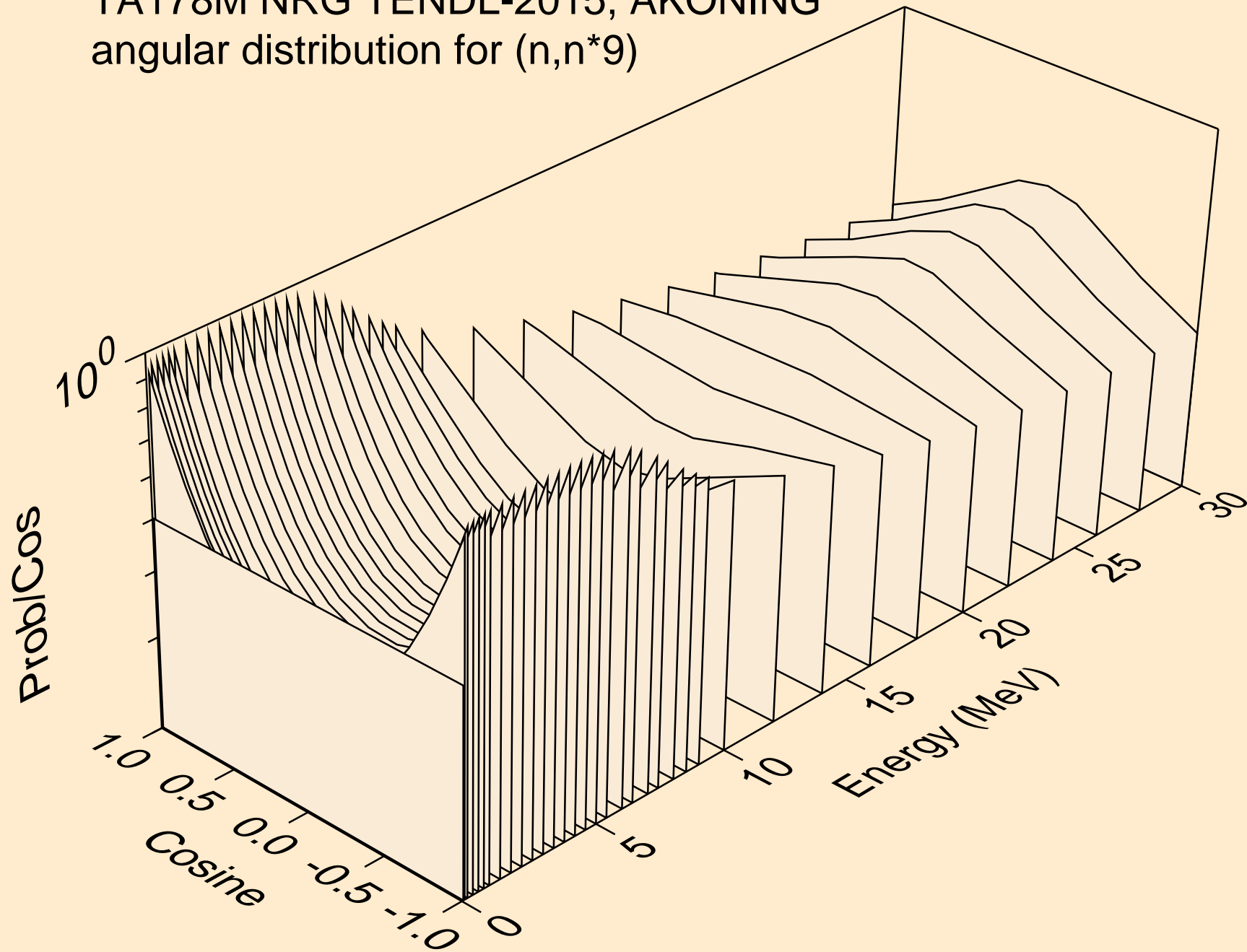
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



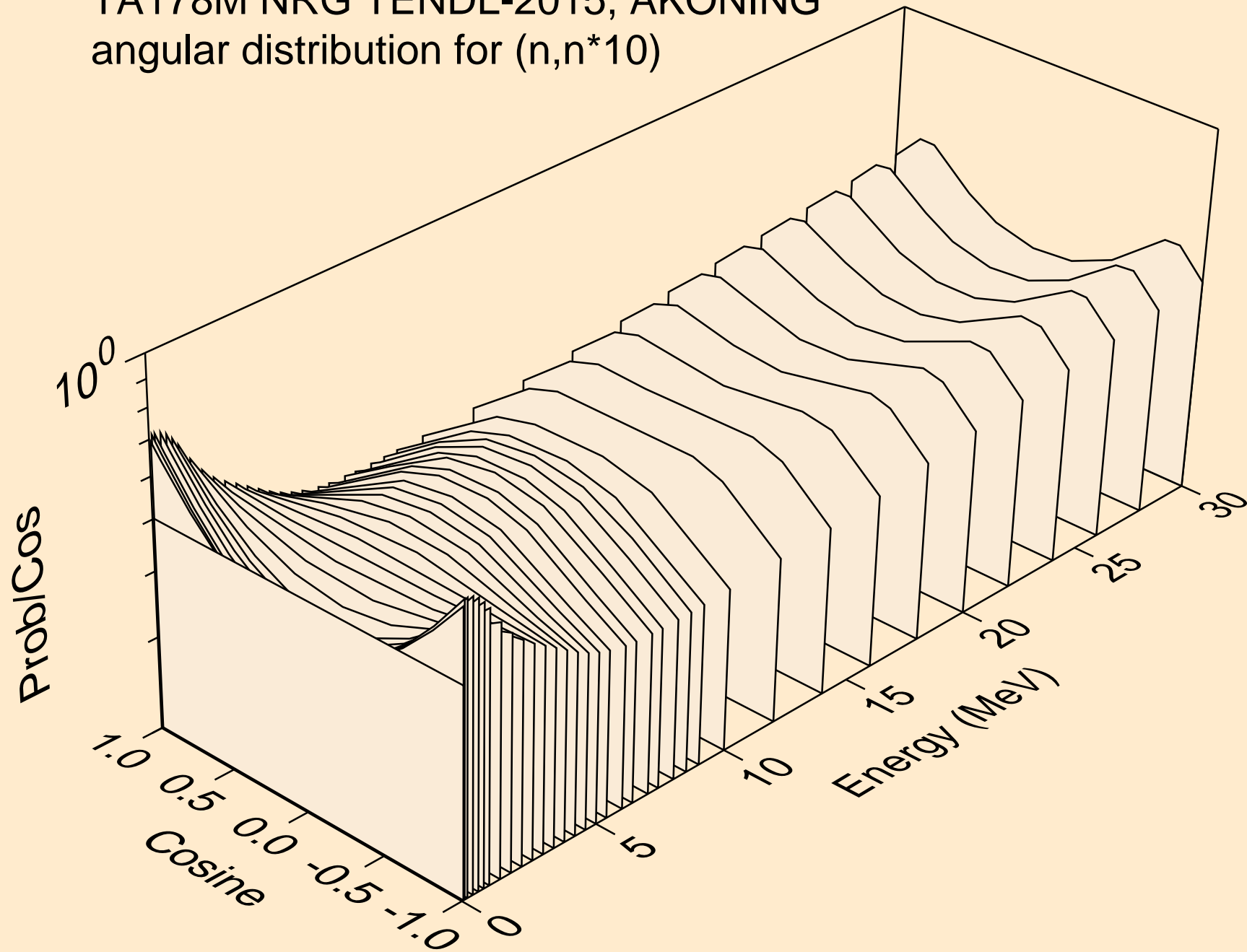
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

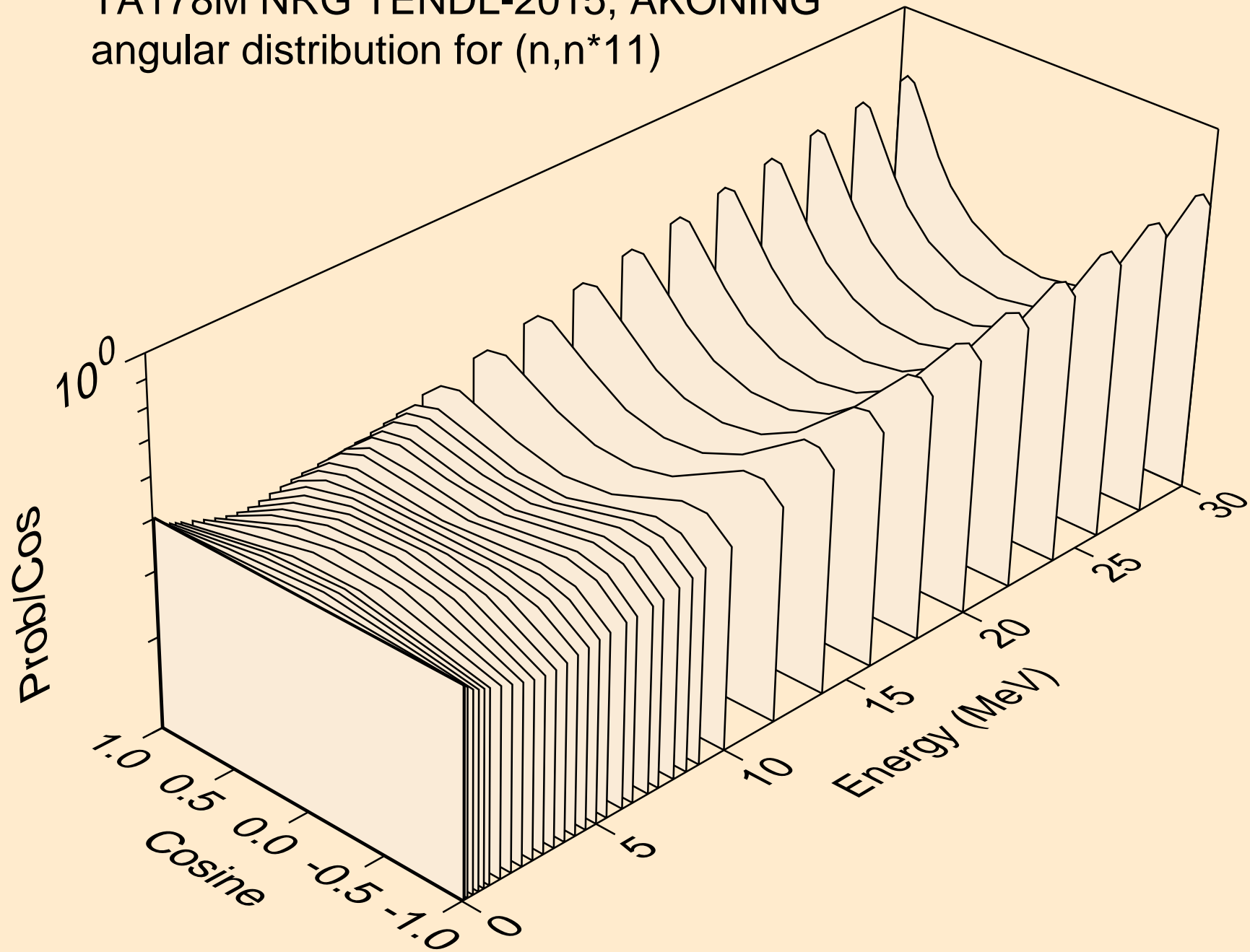


TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

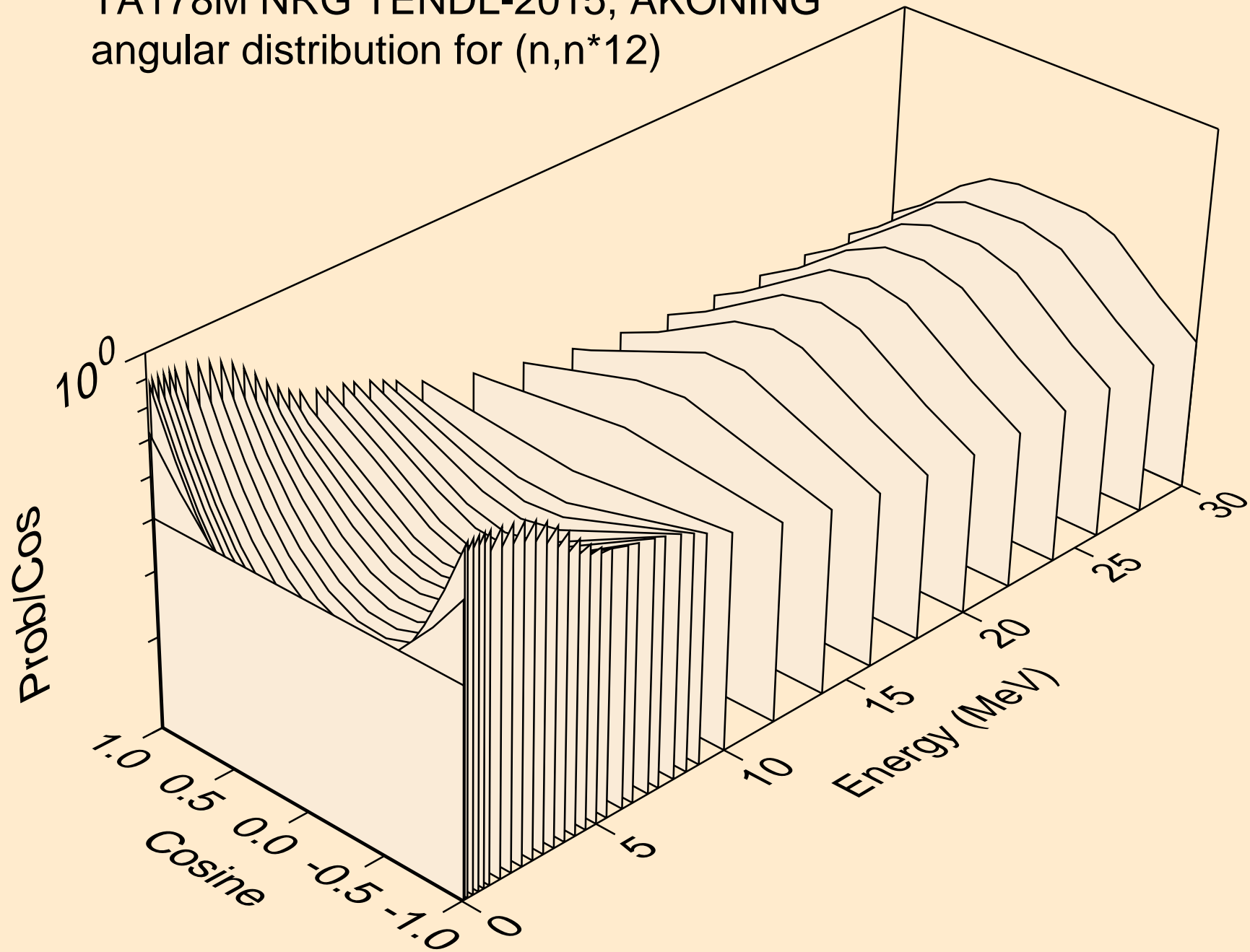




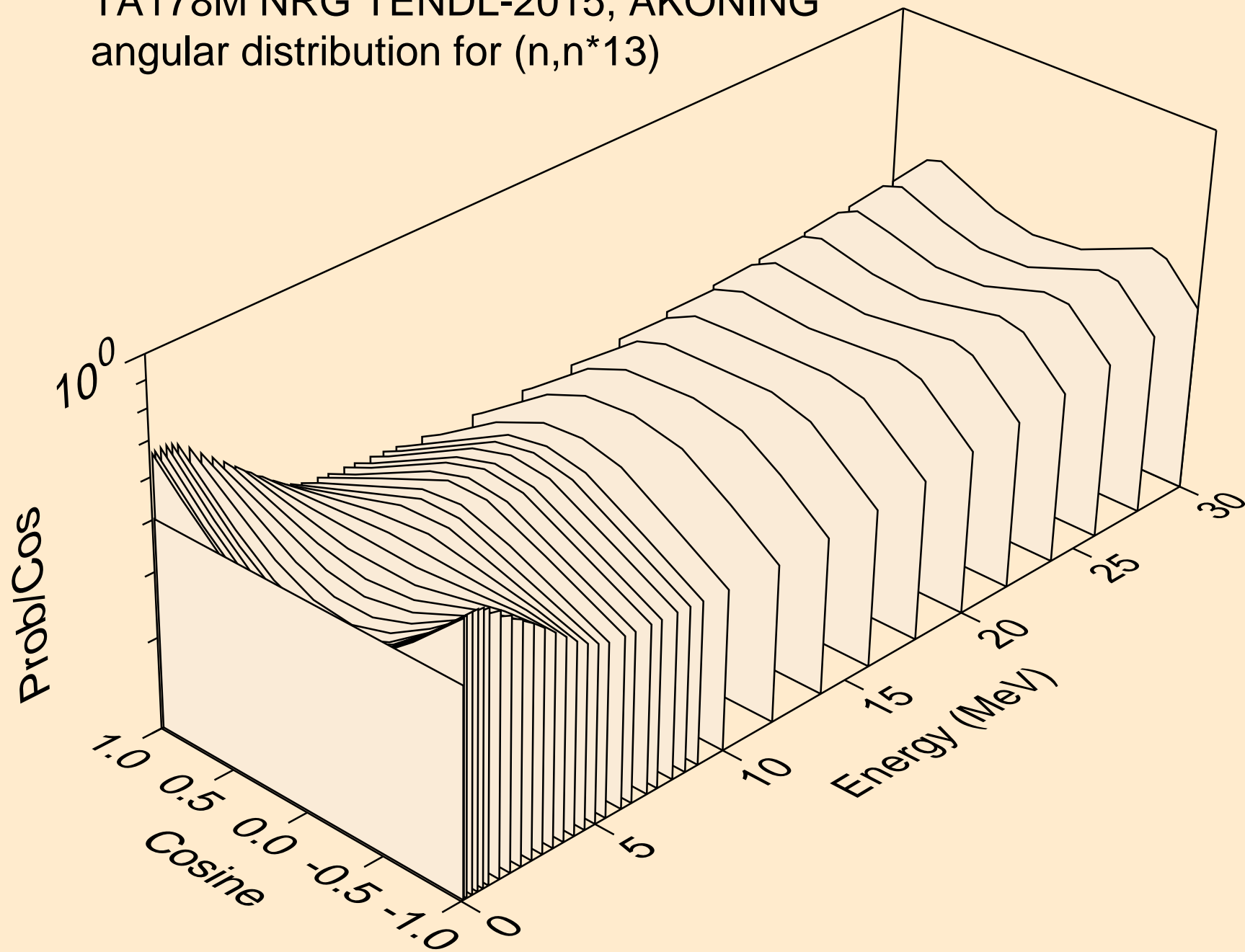
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



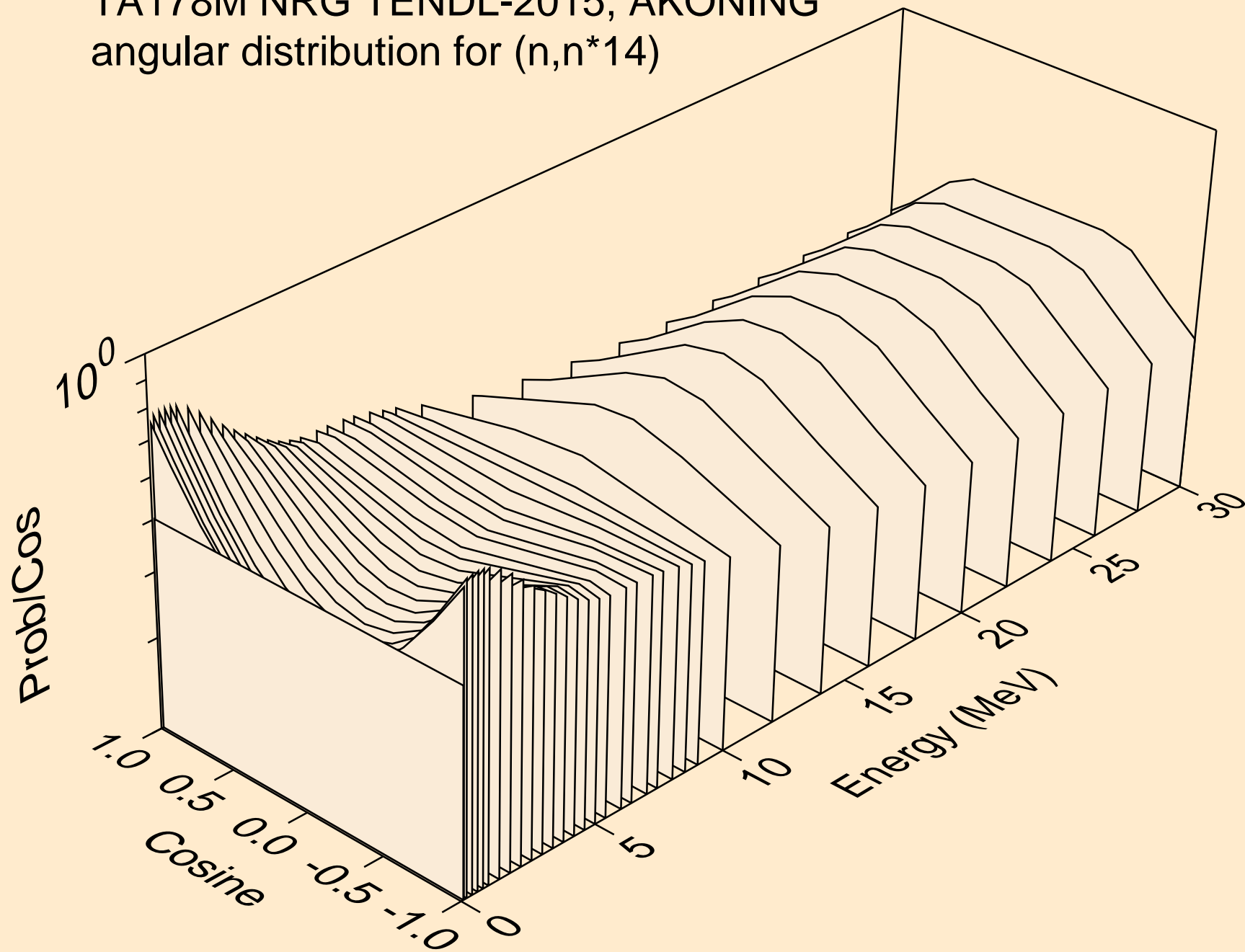
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



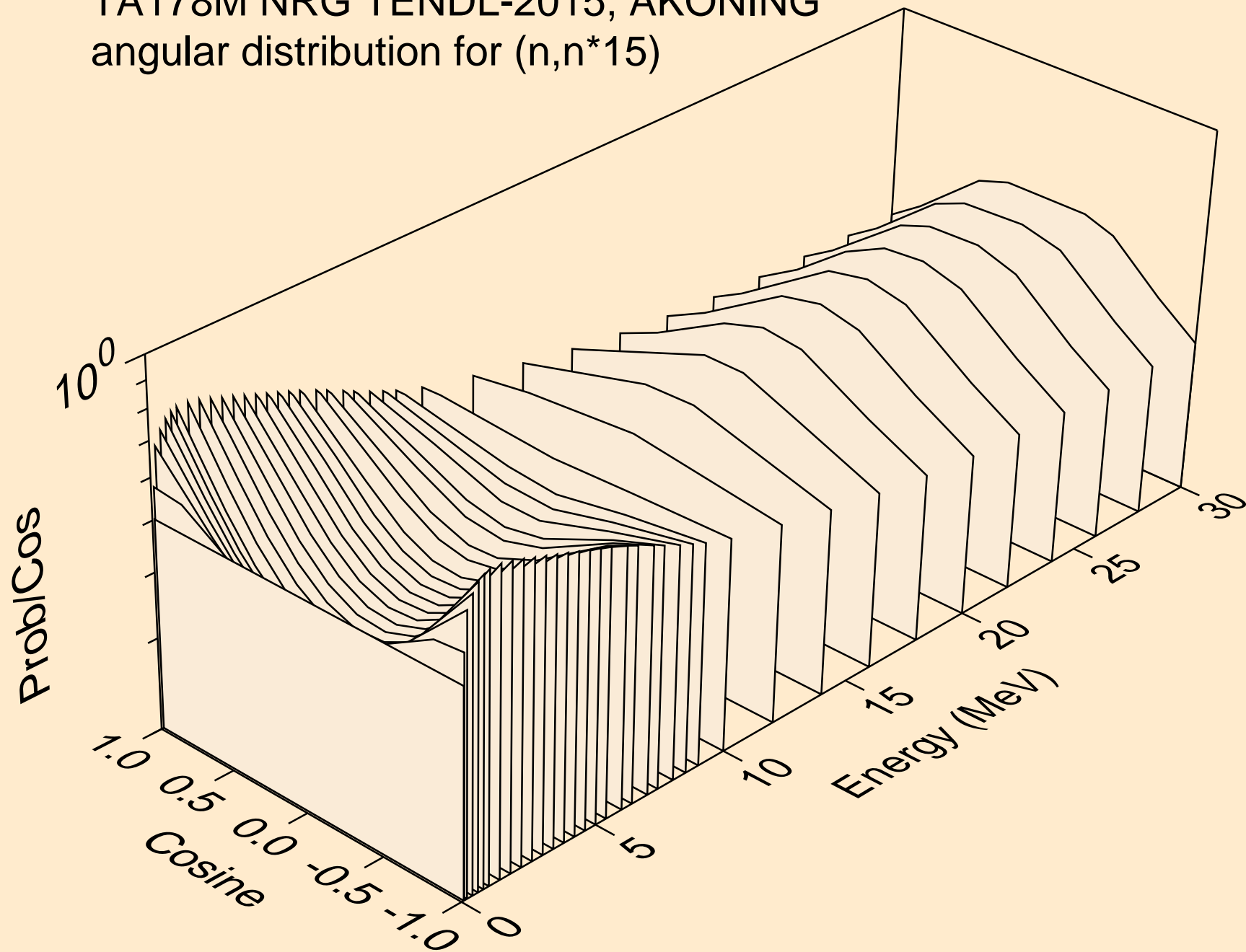
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



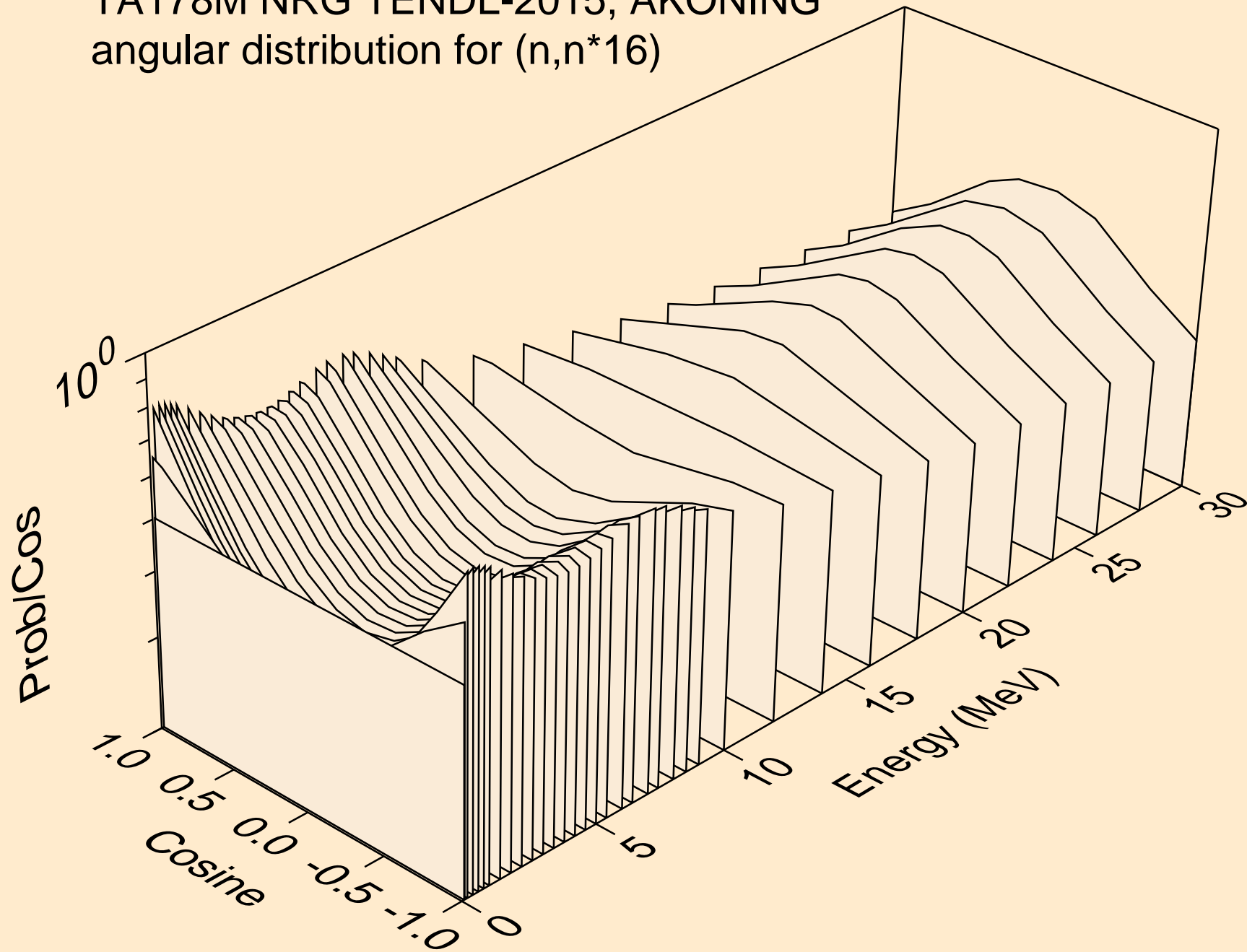
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



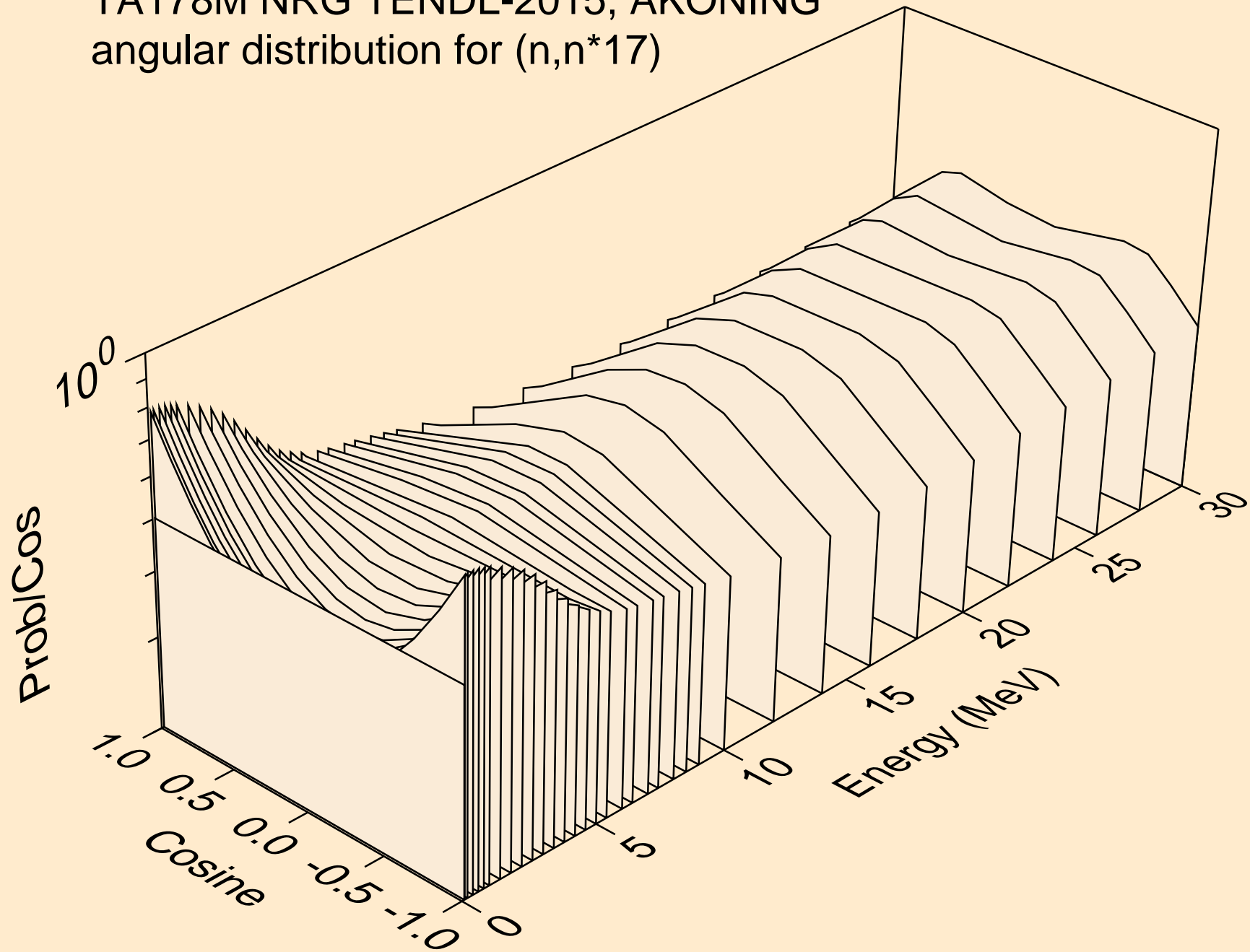
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



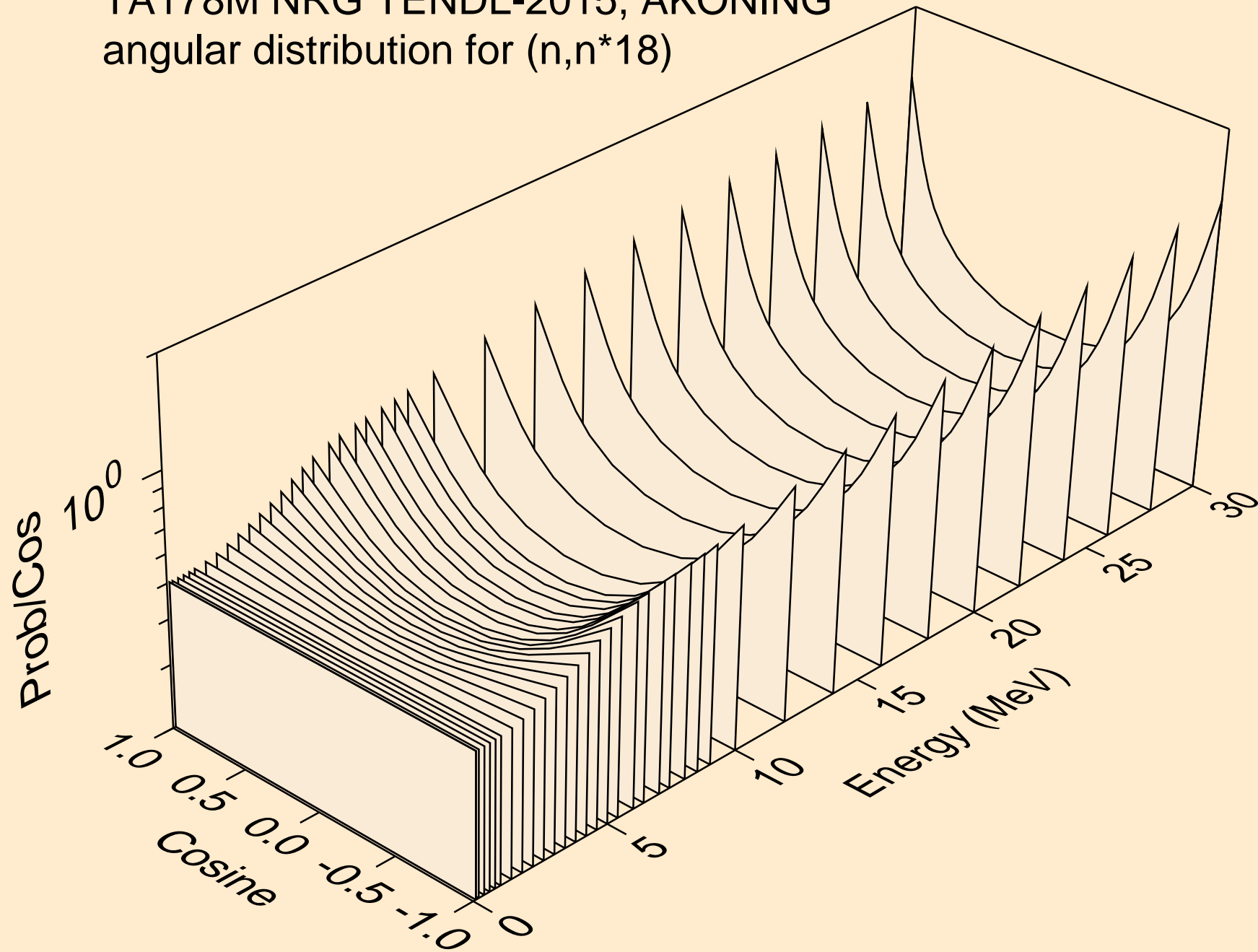
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

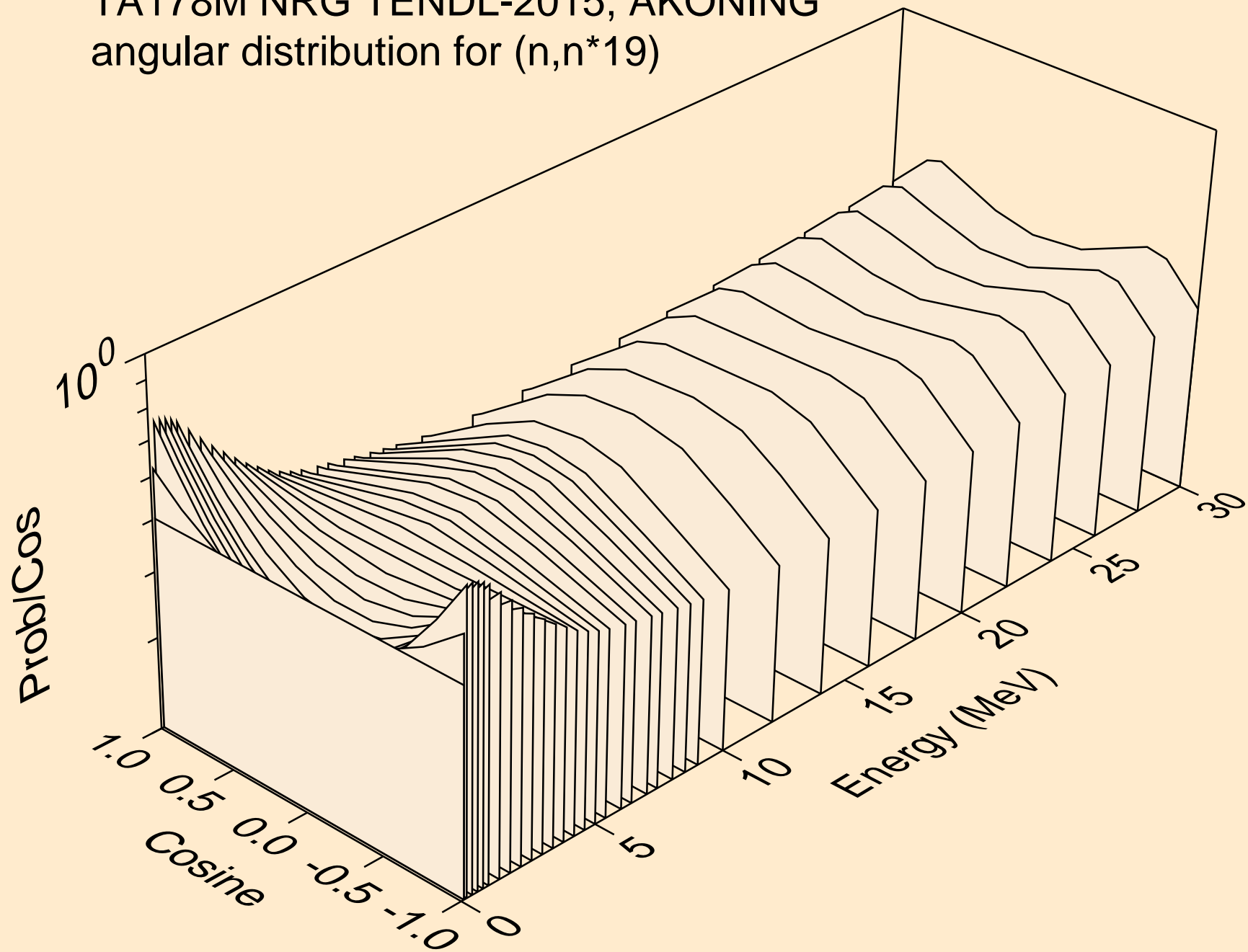


TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)

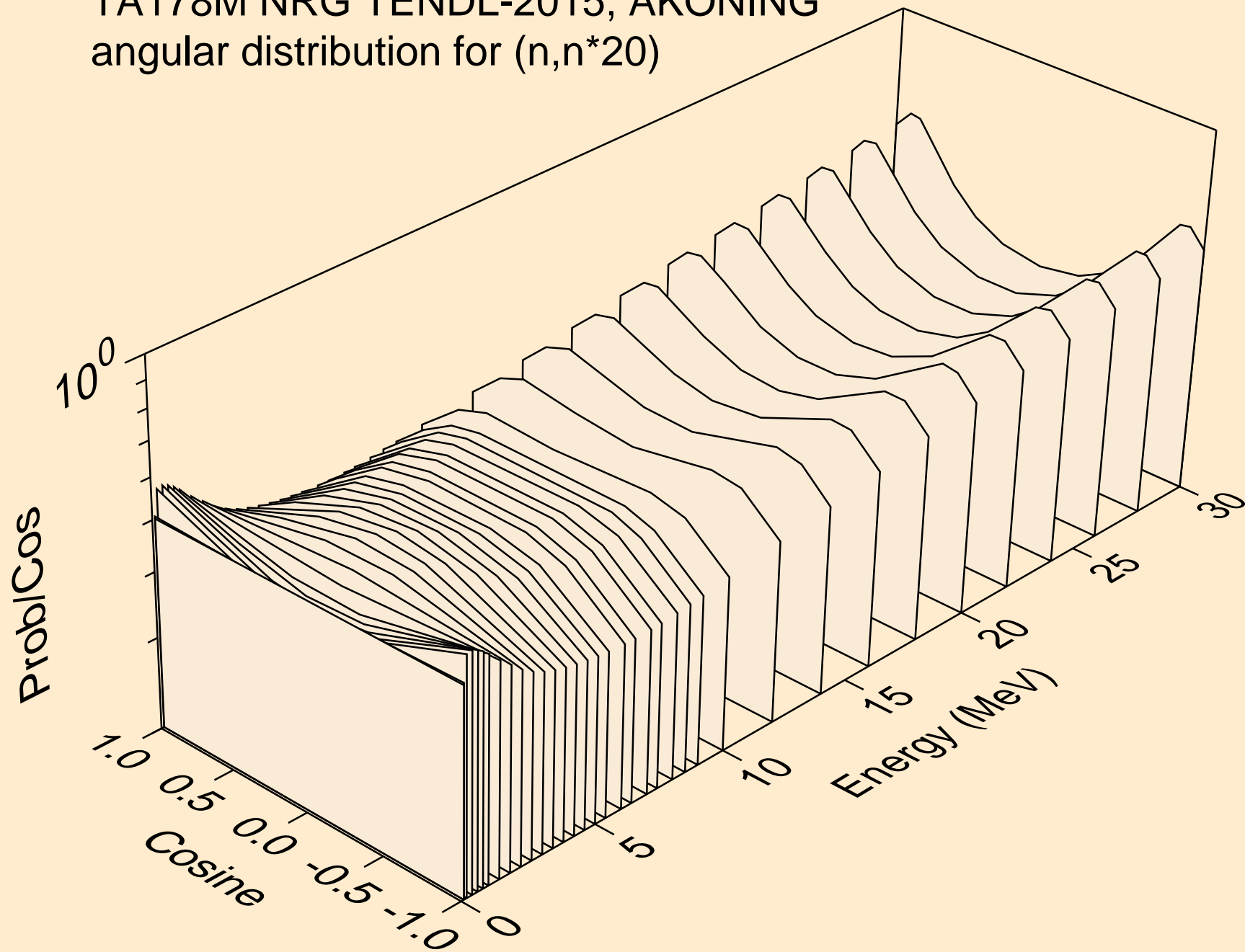




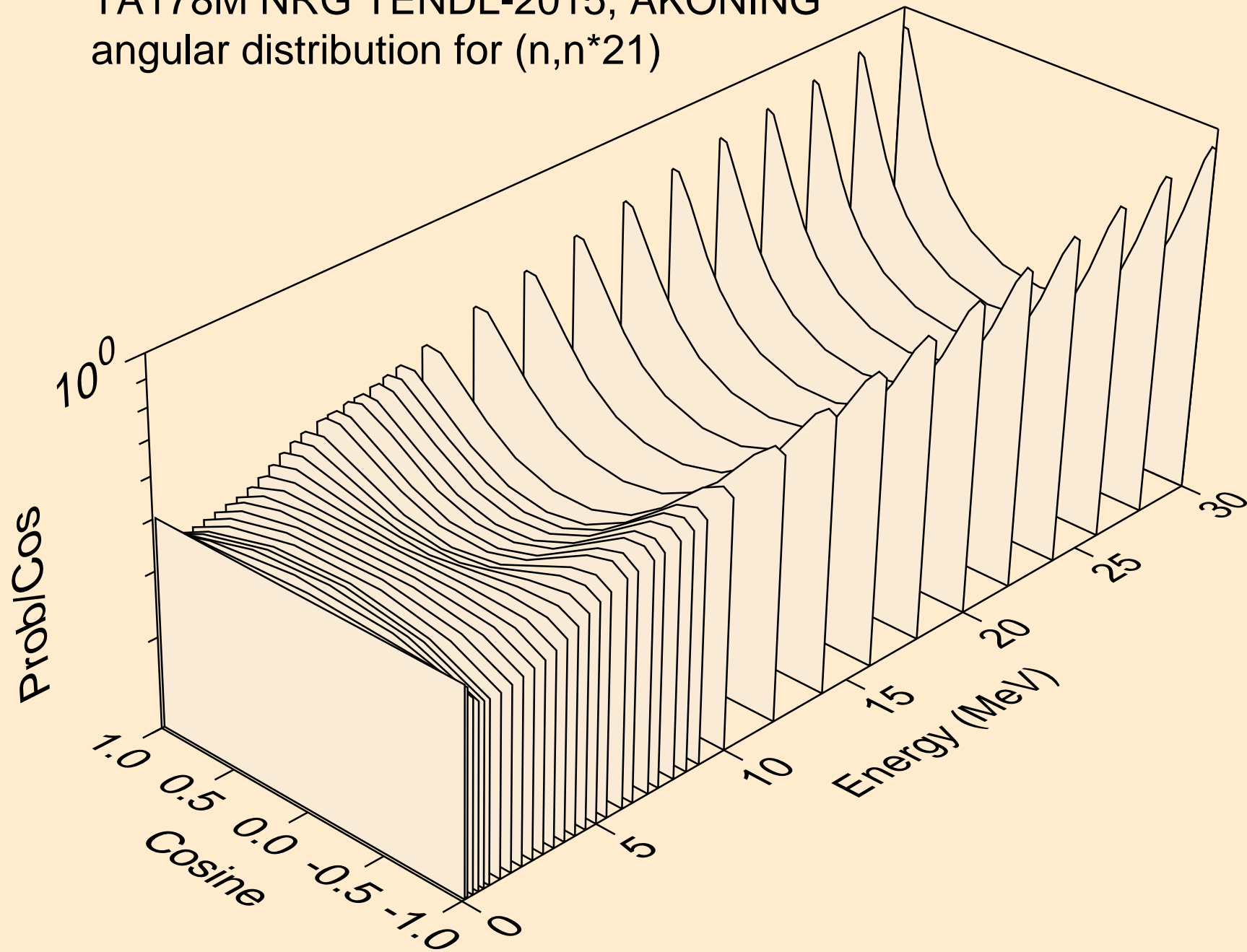
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



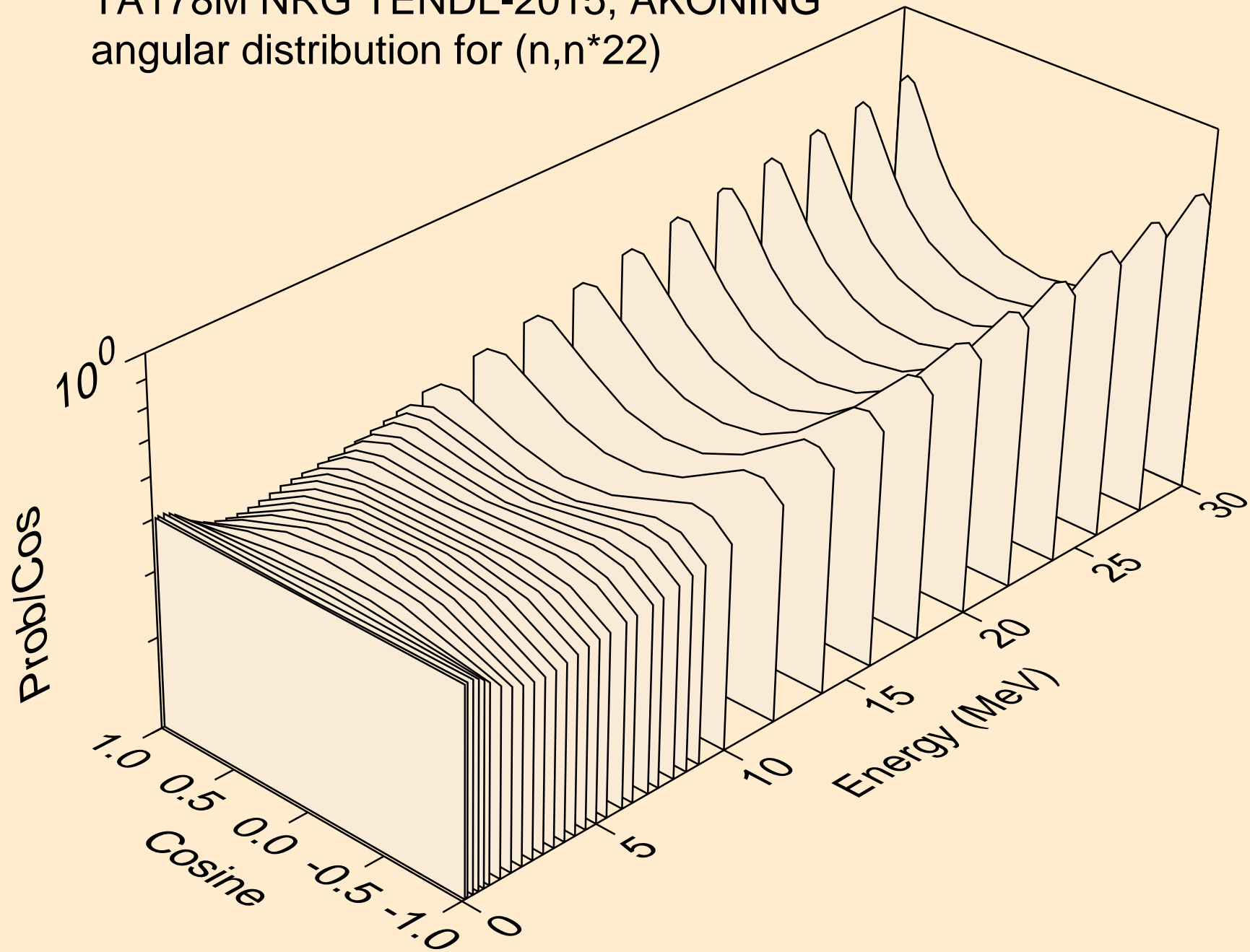
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



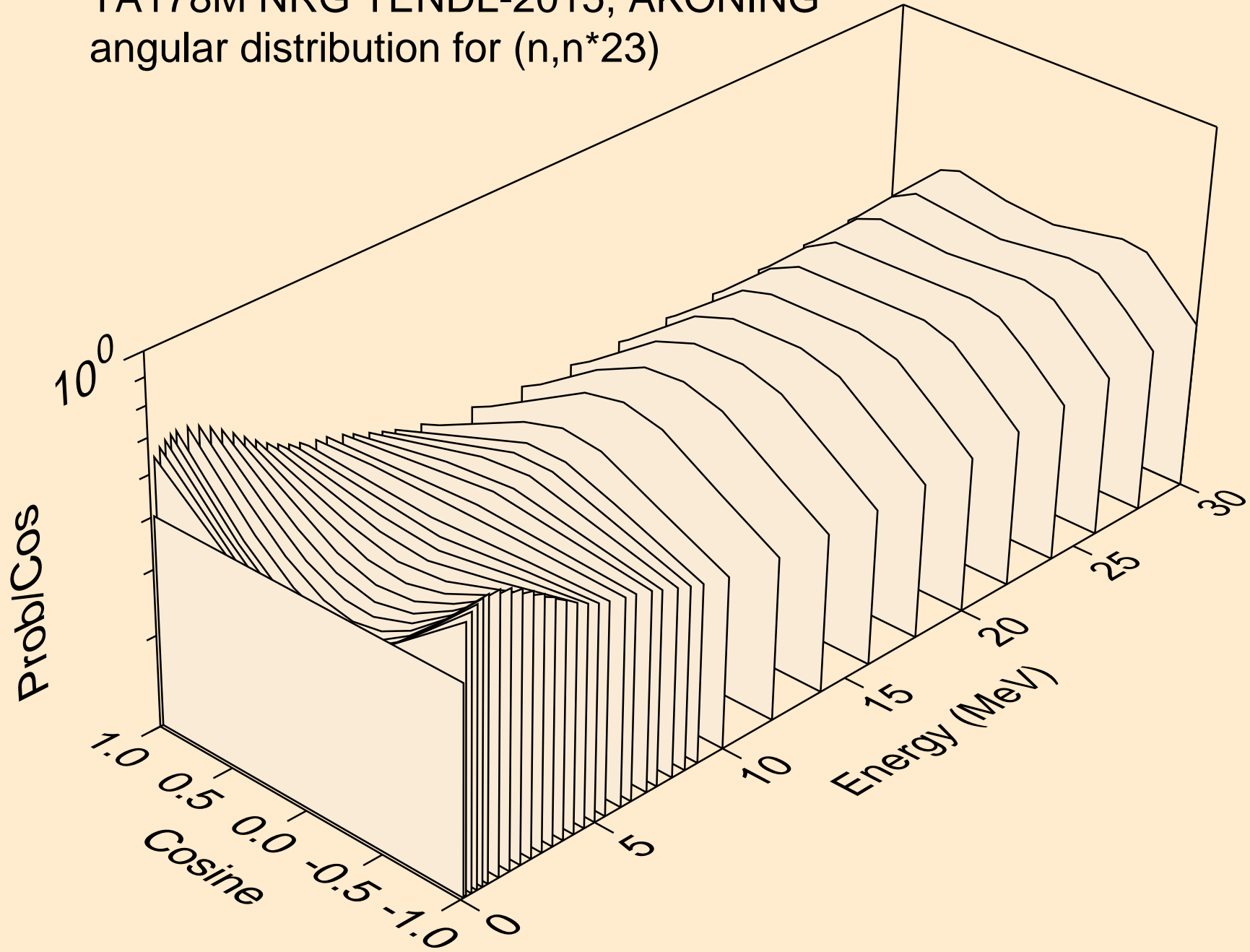
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



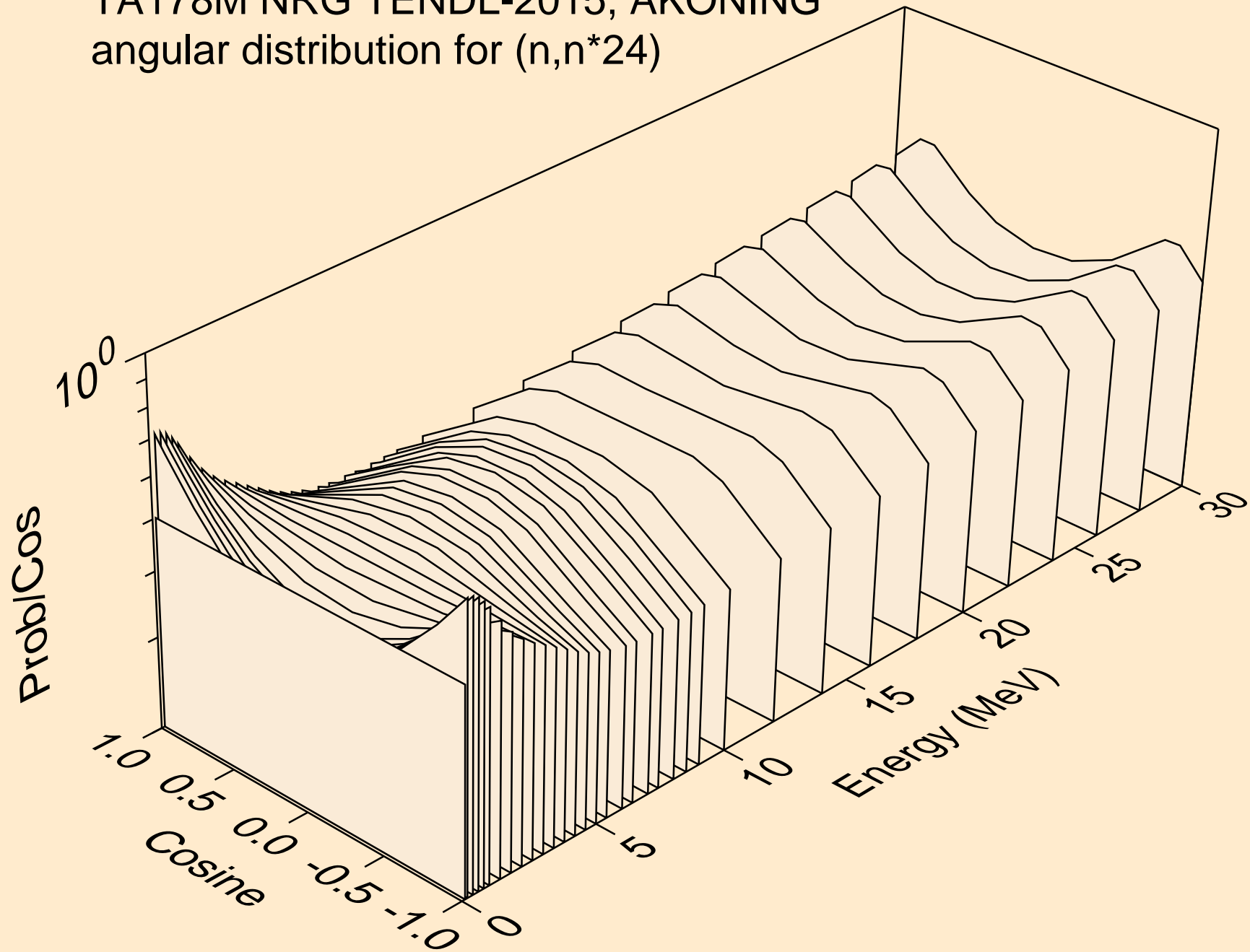
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



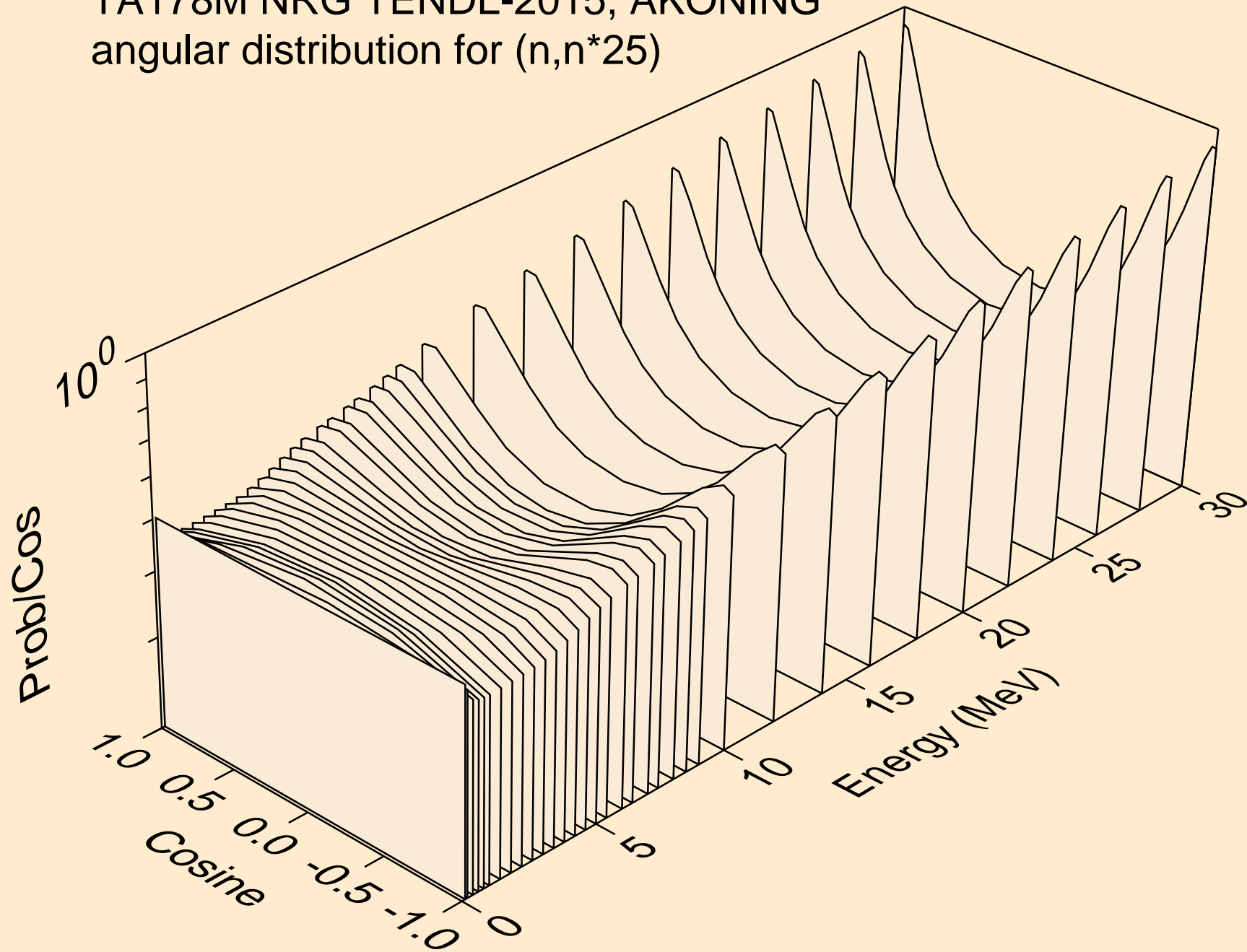
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



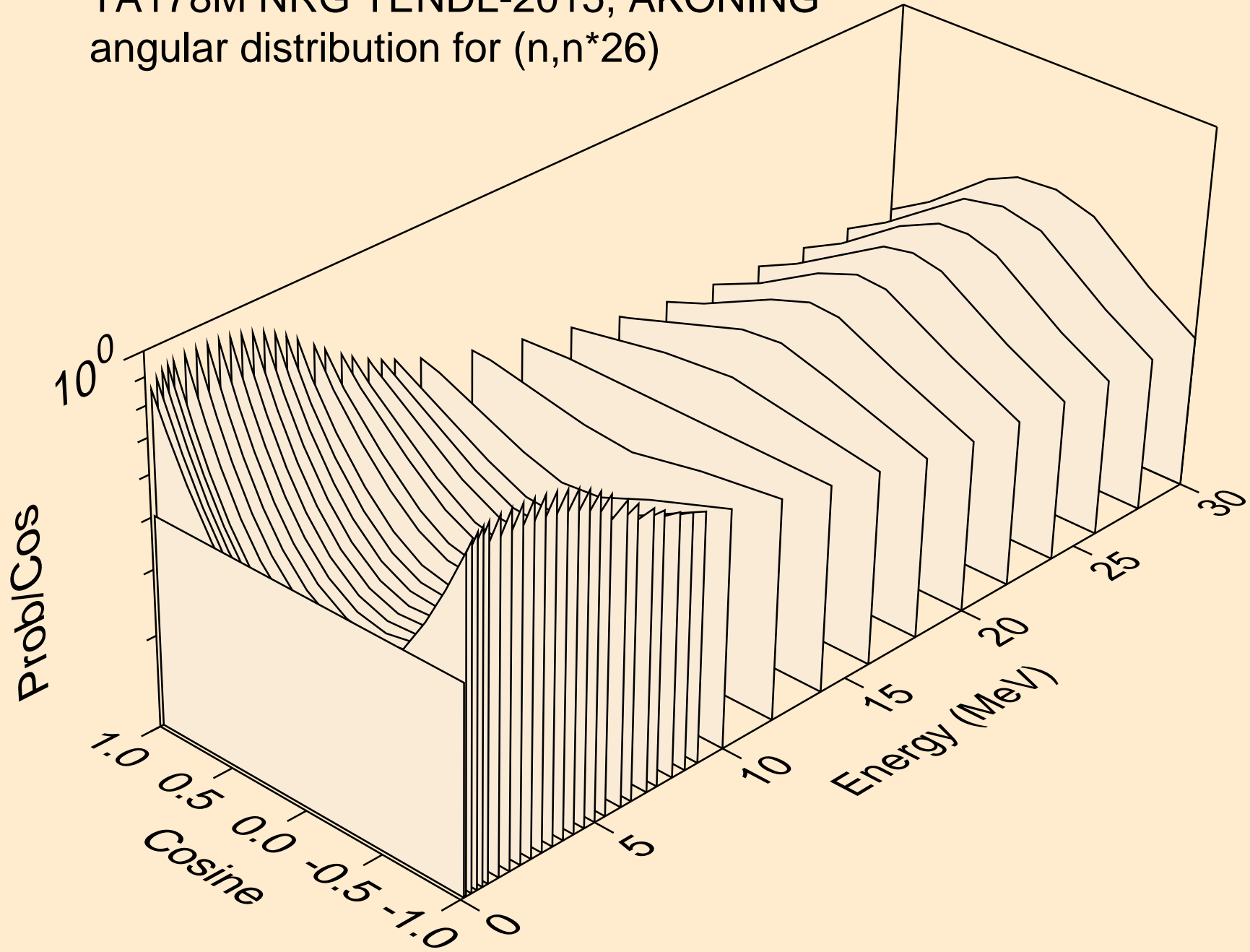
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

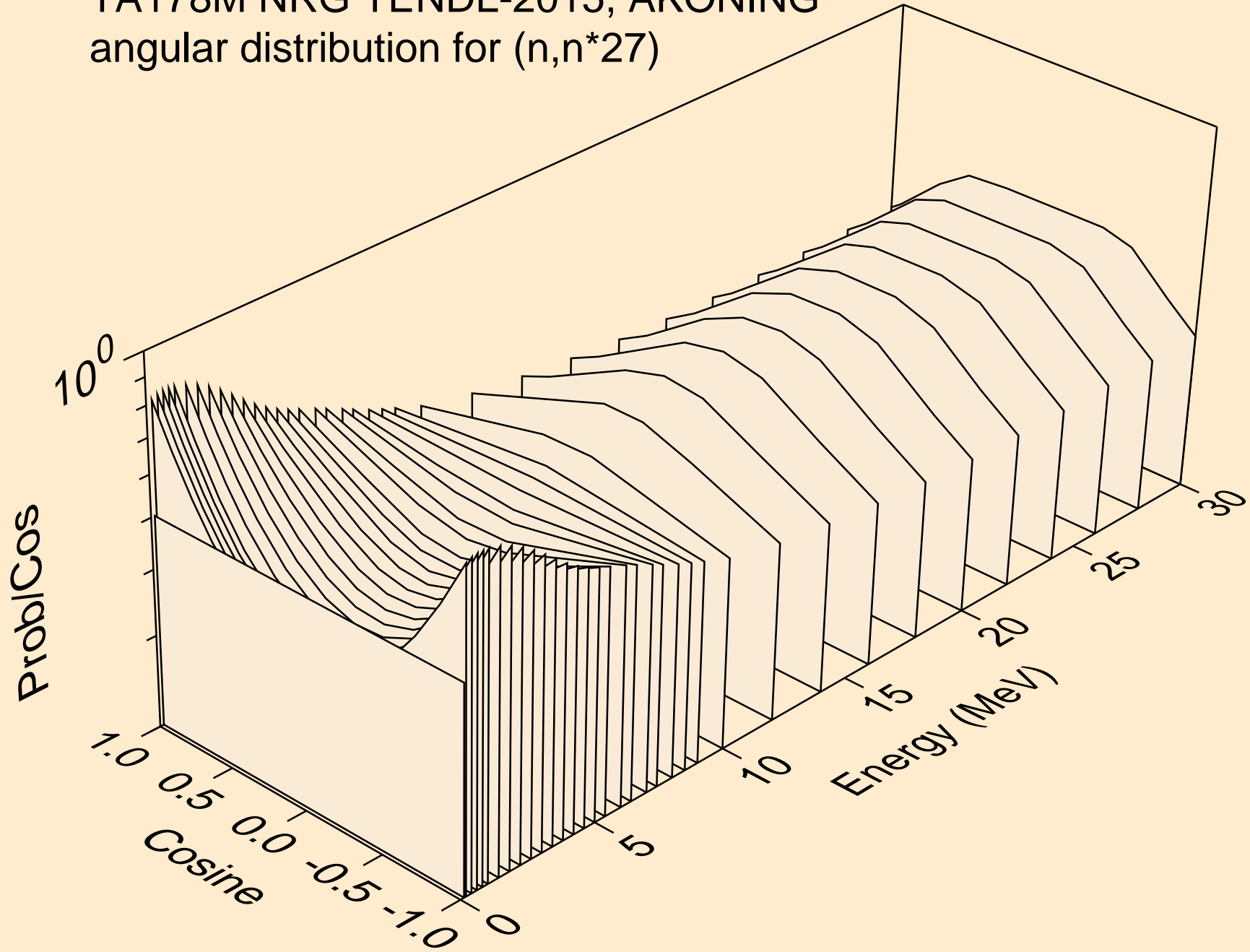


TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)

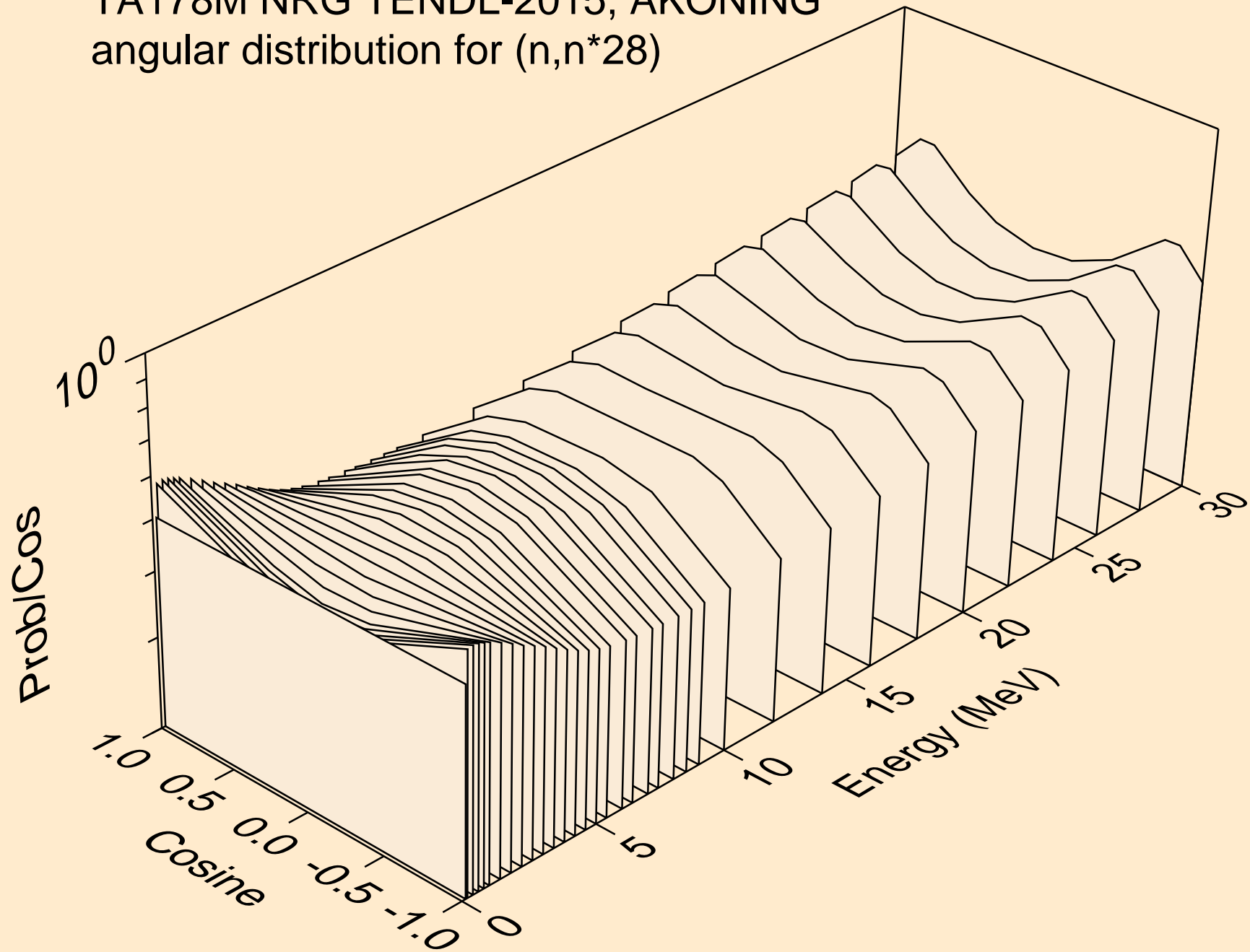




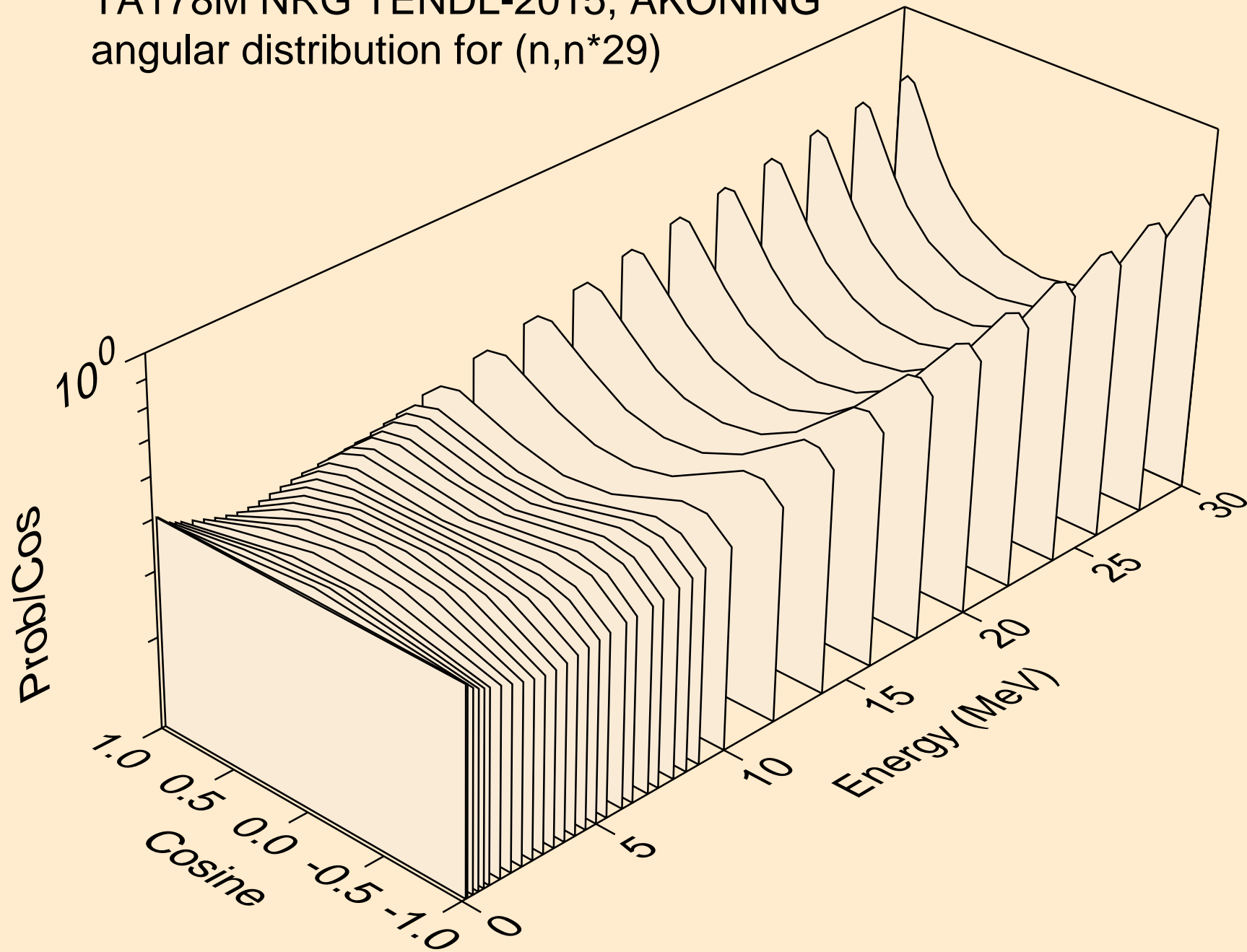
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



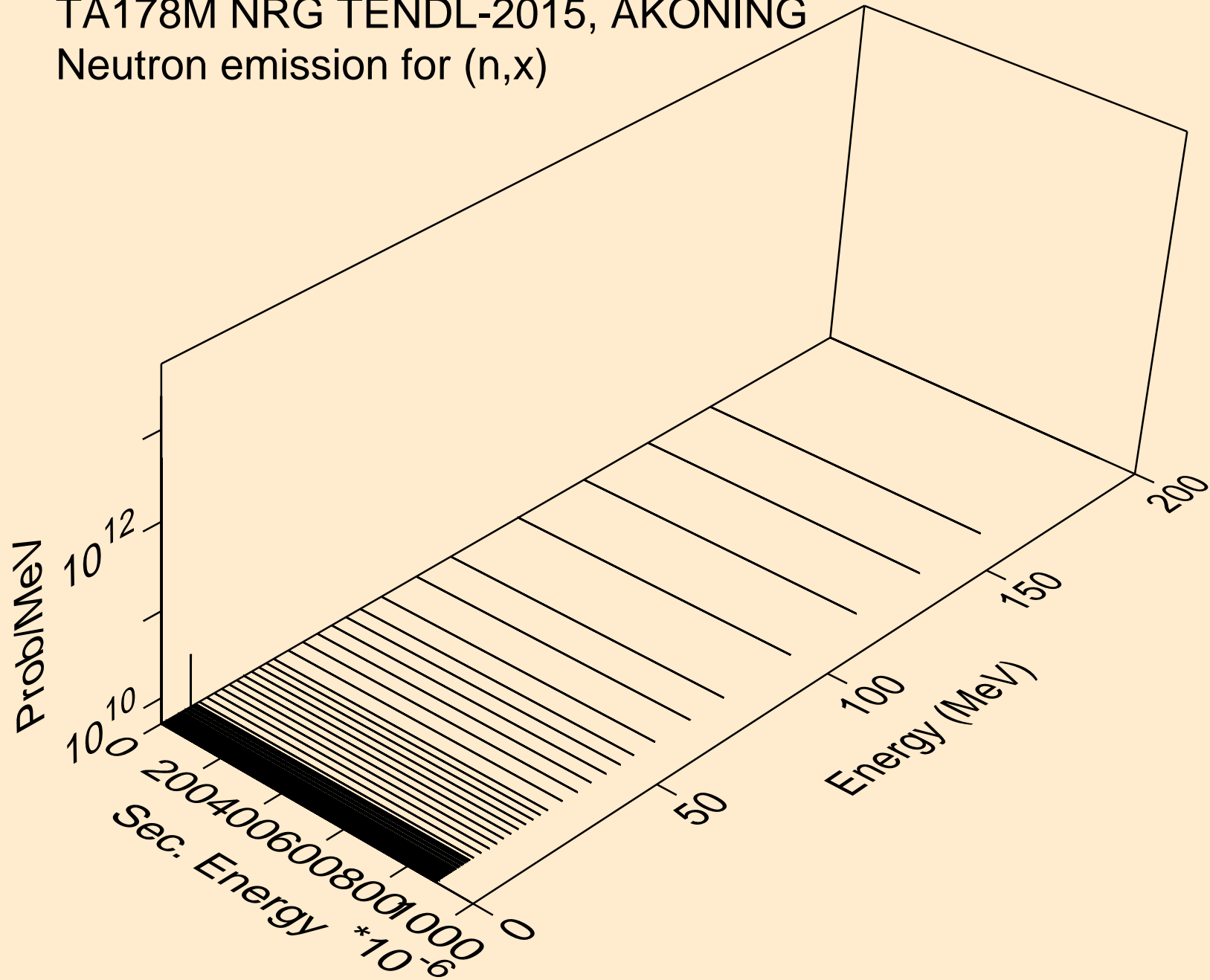
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



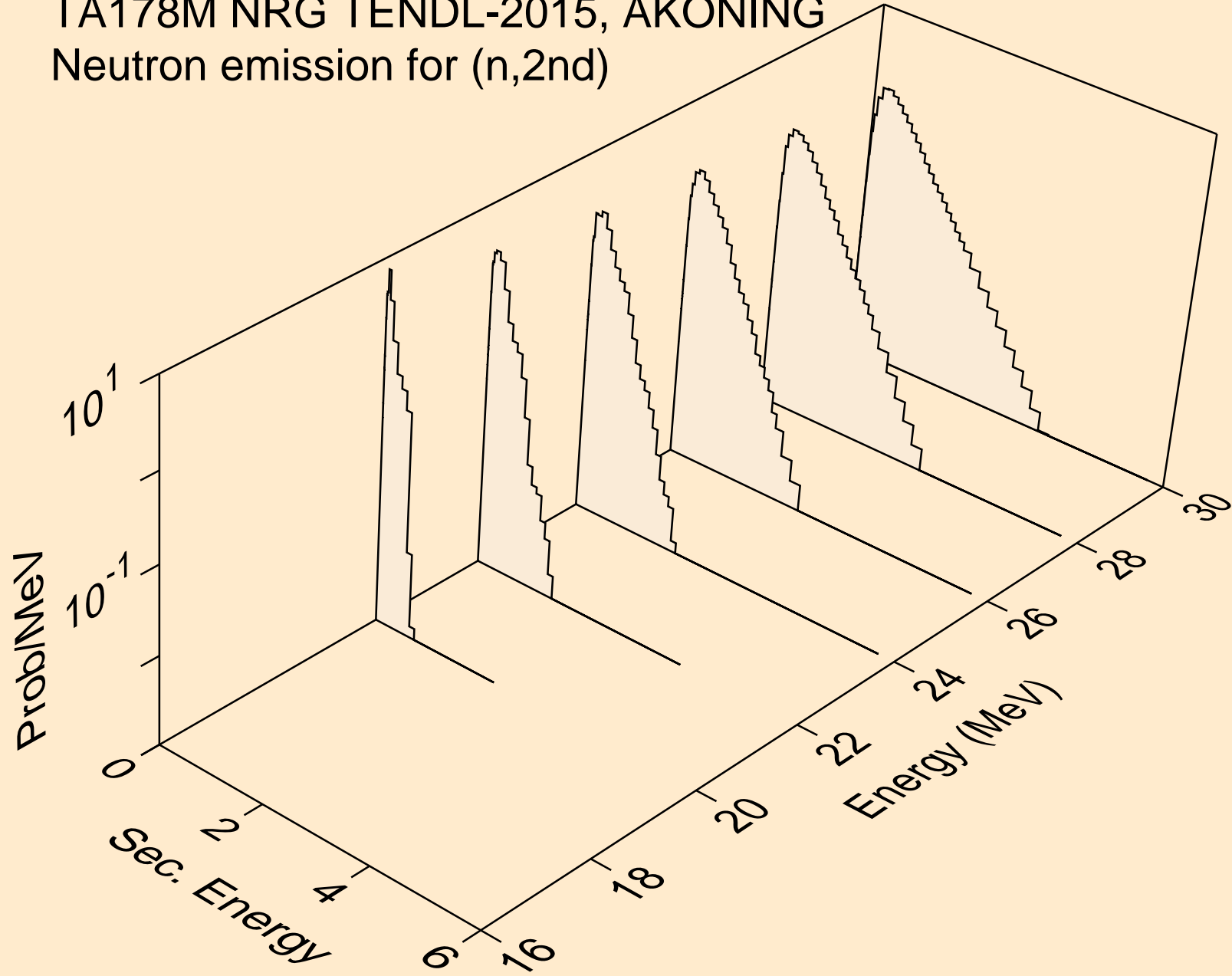
TA178M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



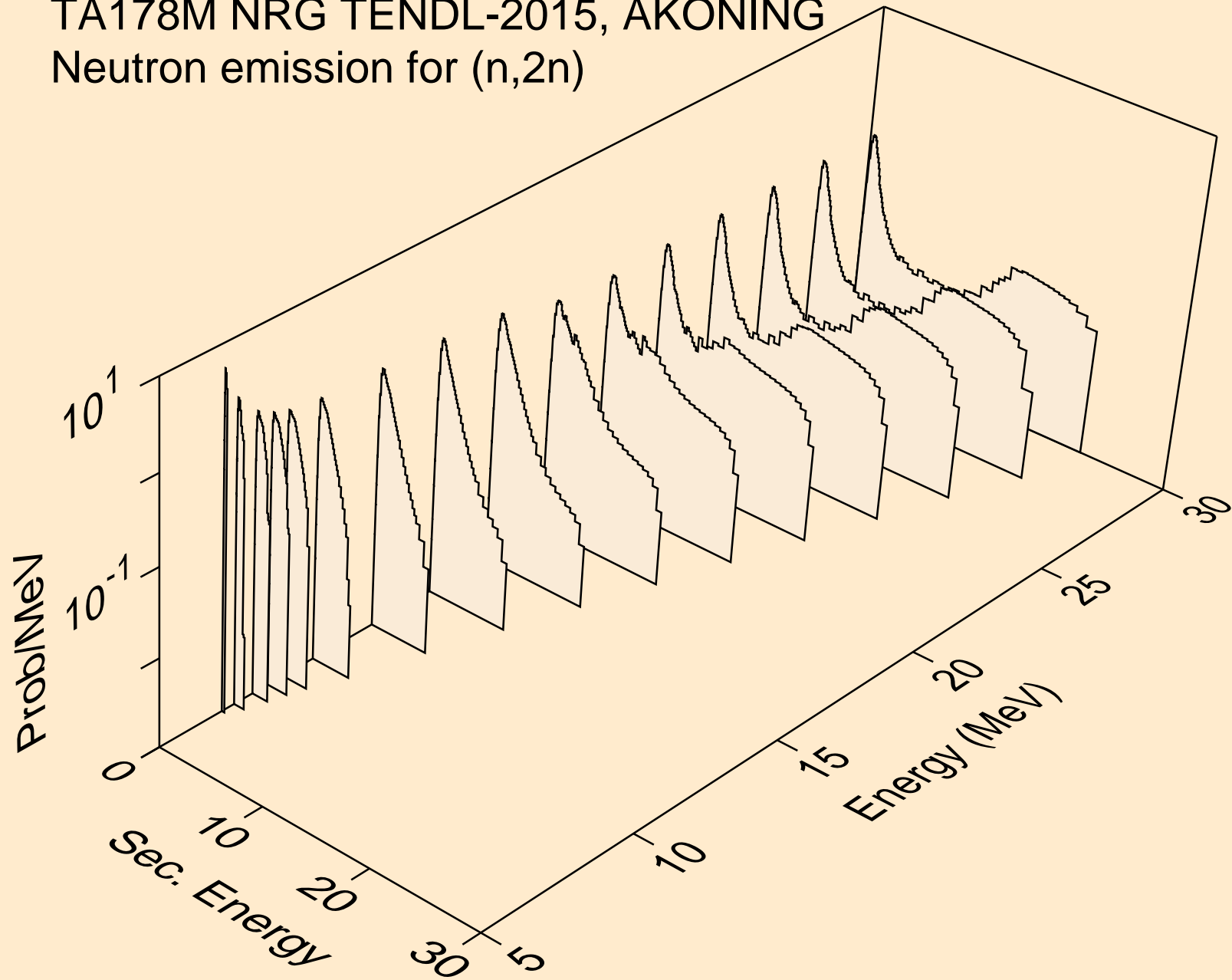
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



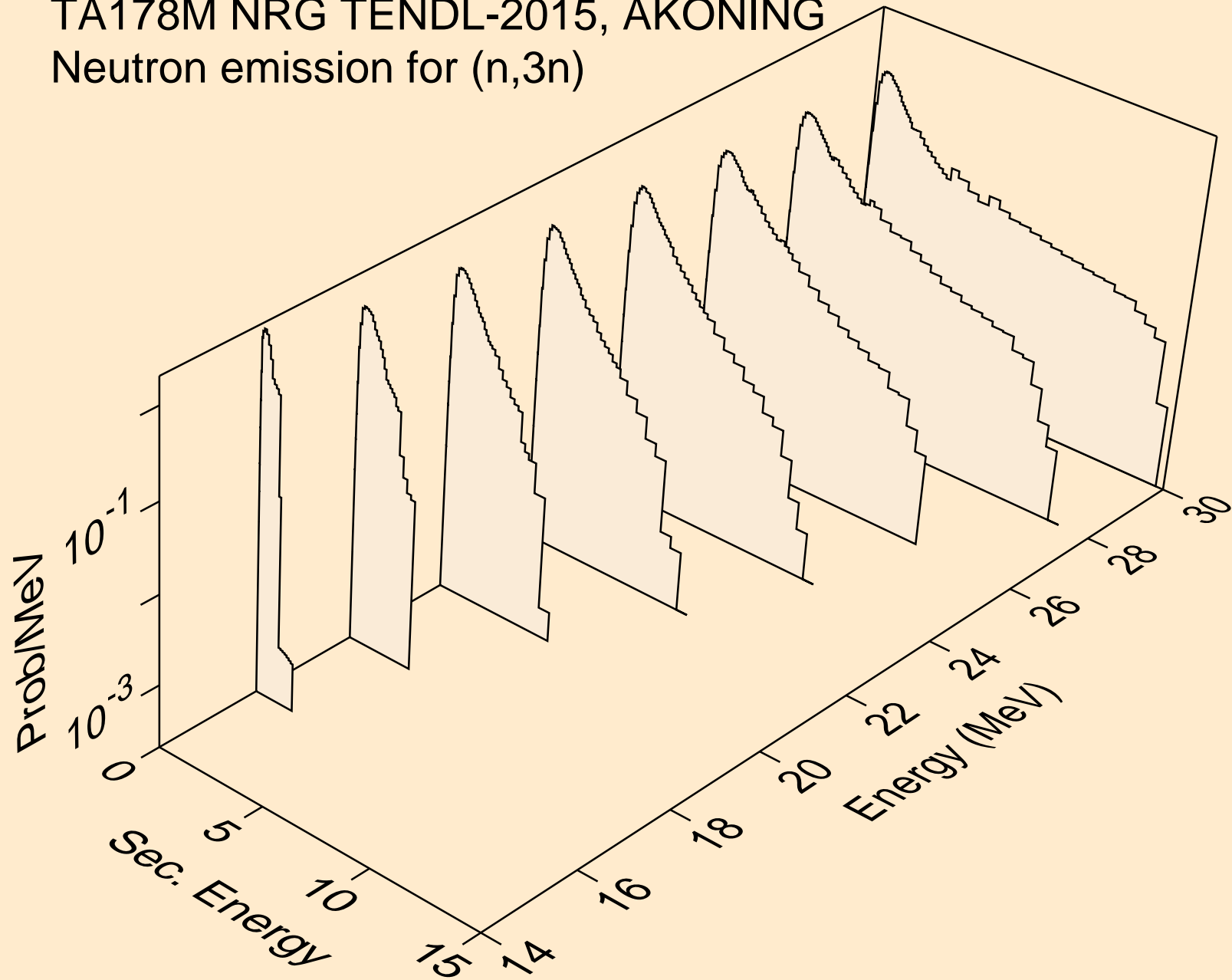
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



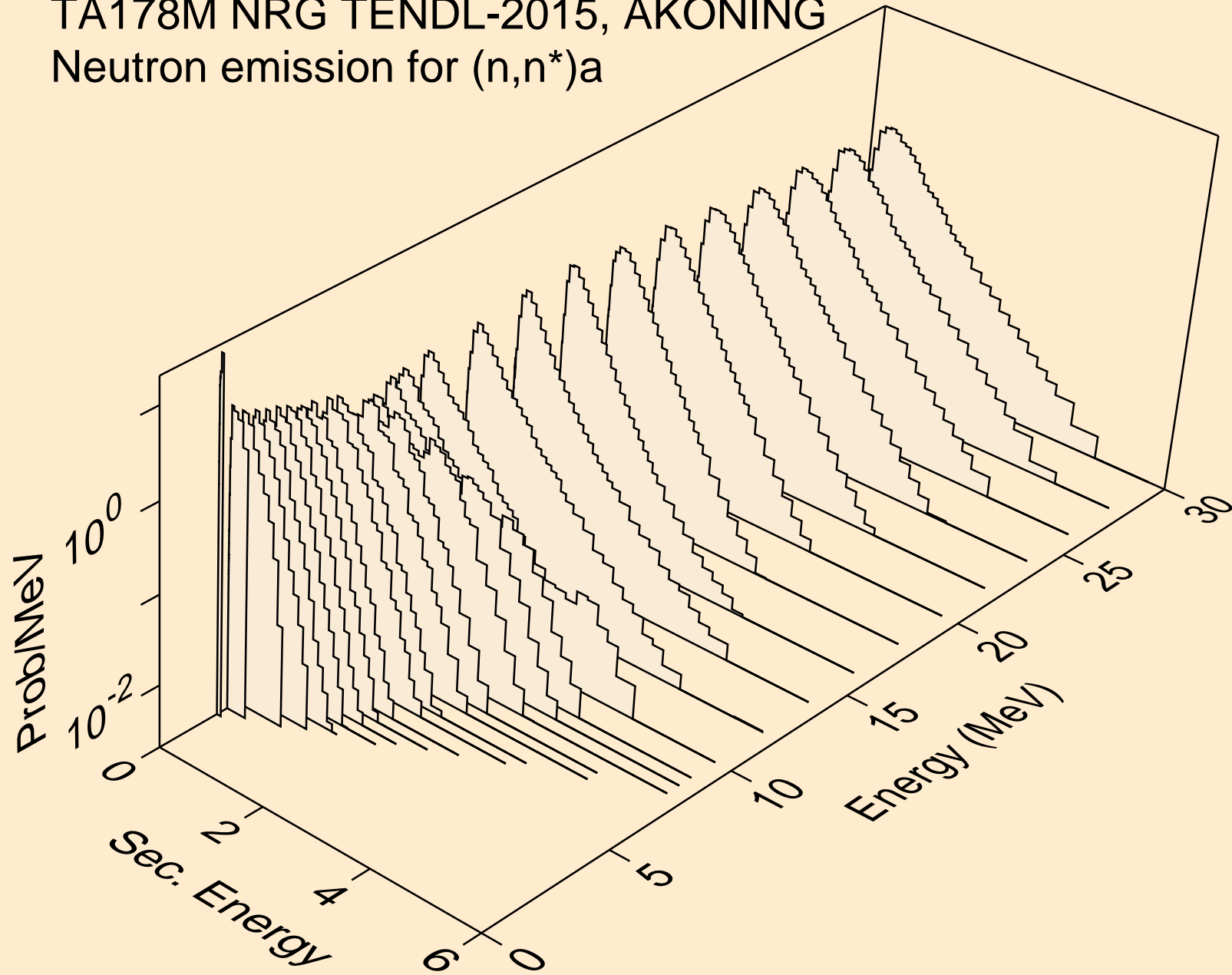
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

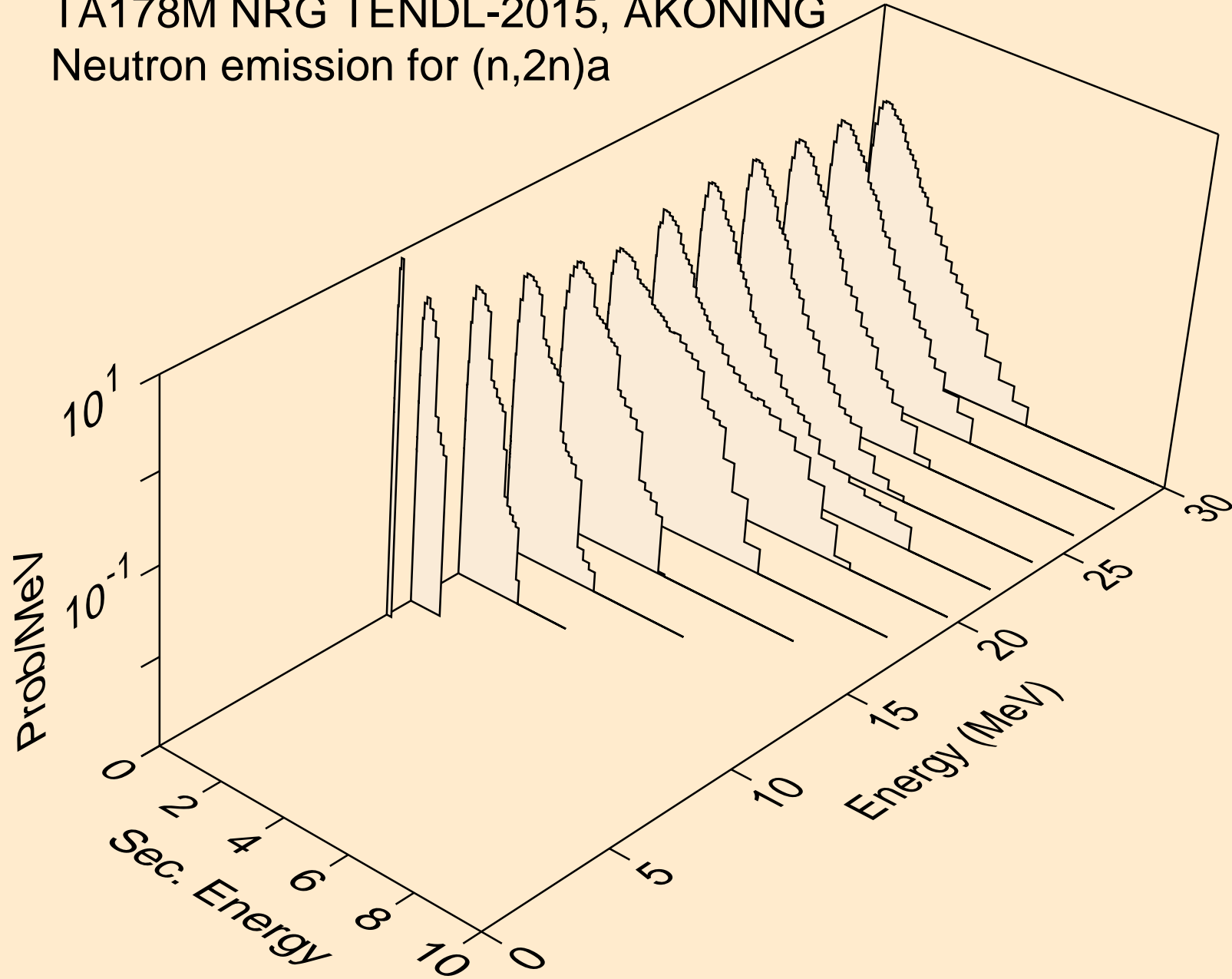


TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

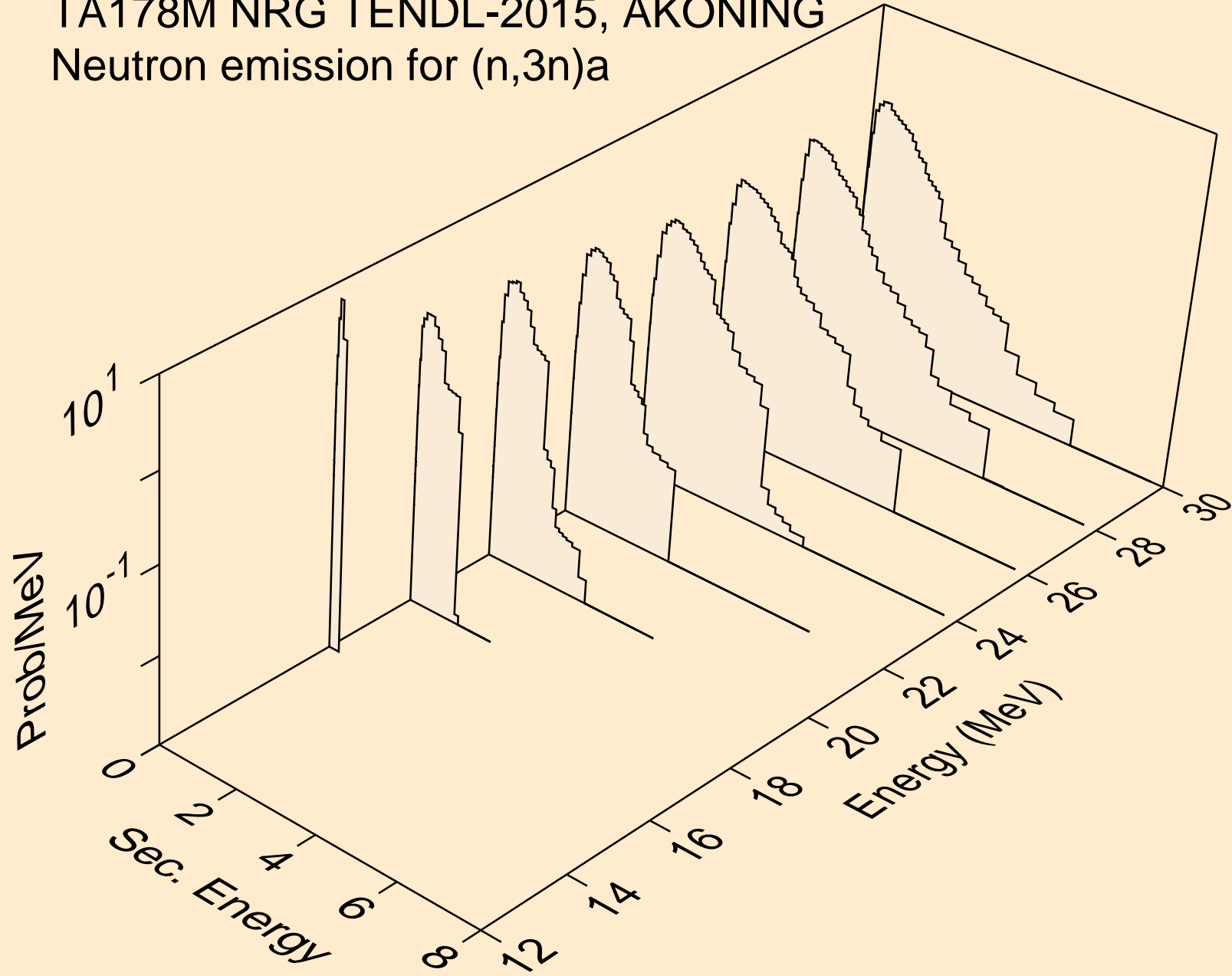




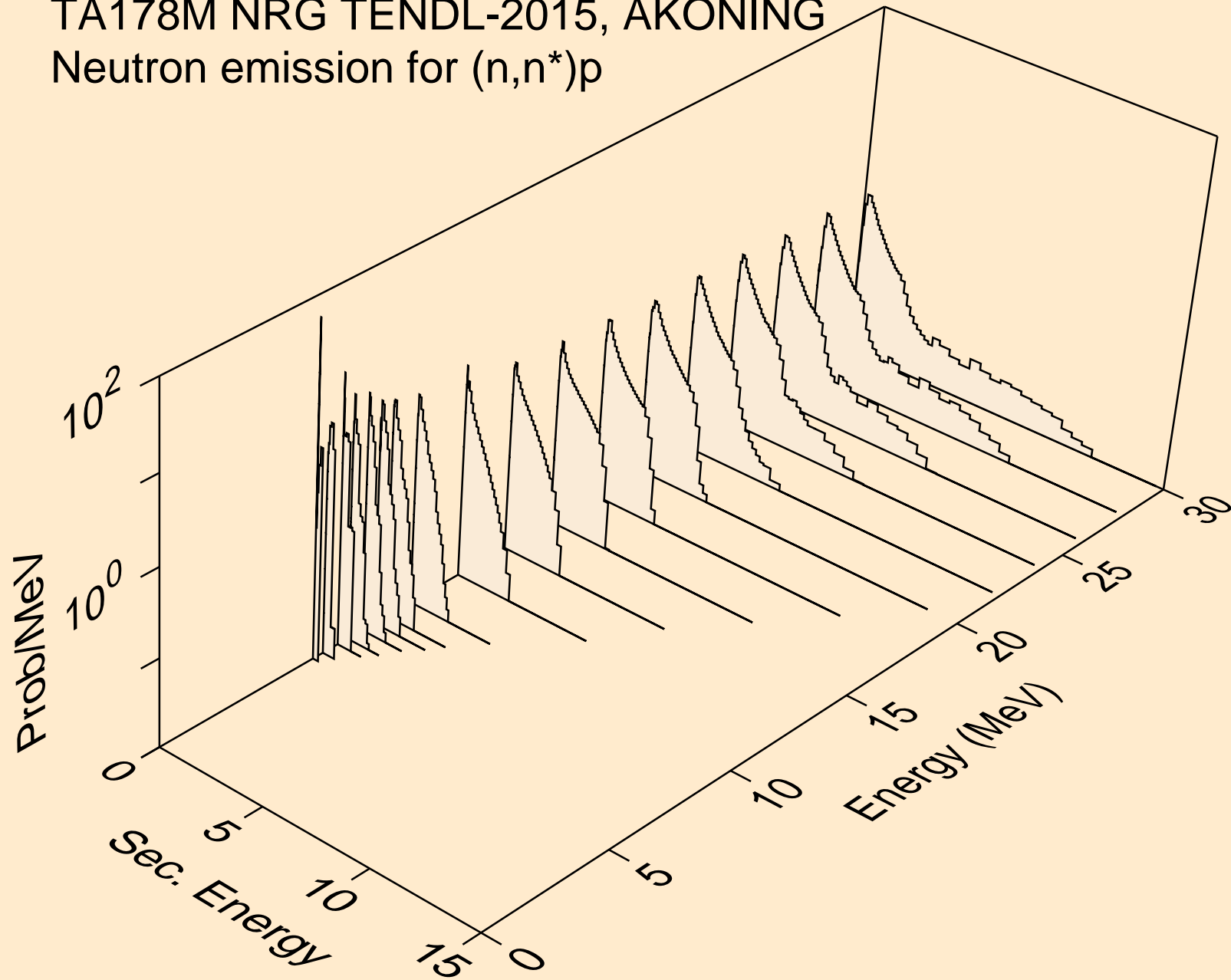
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



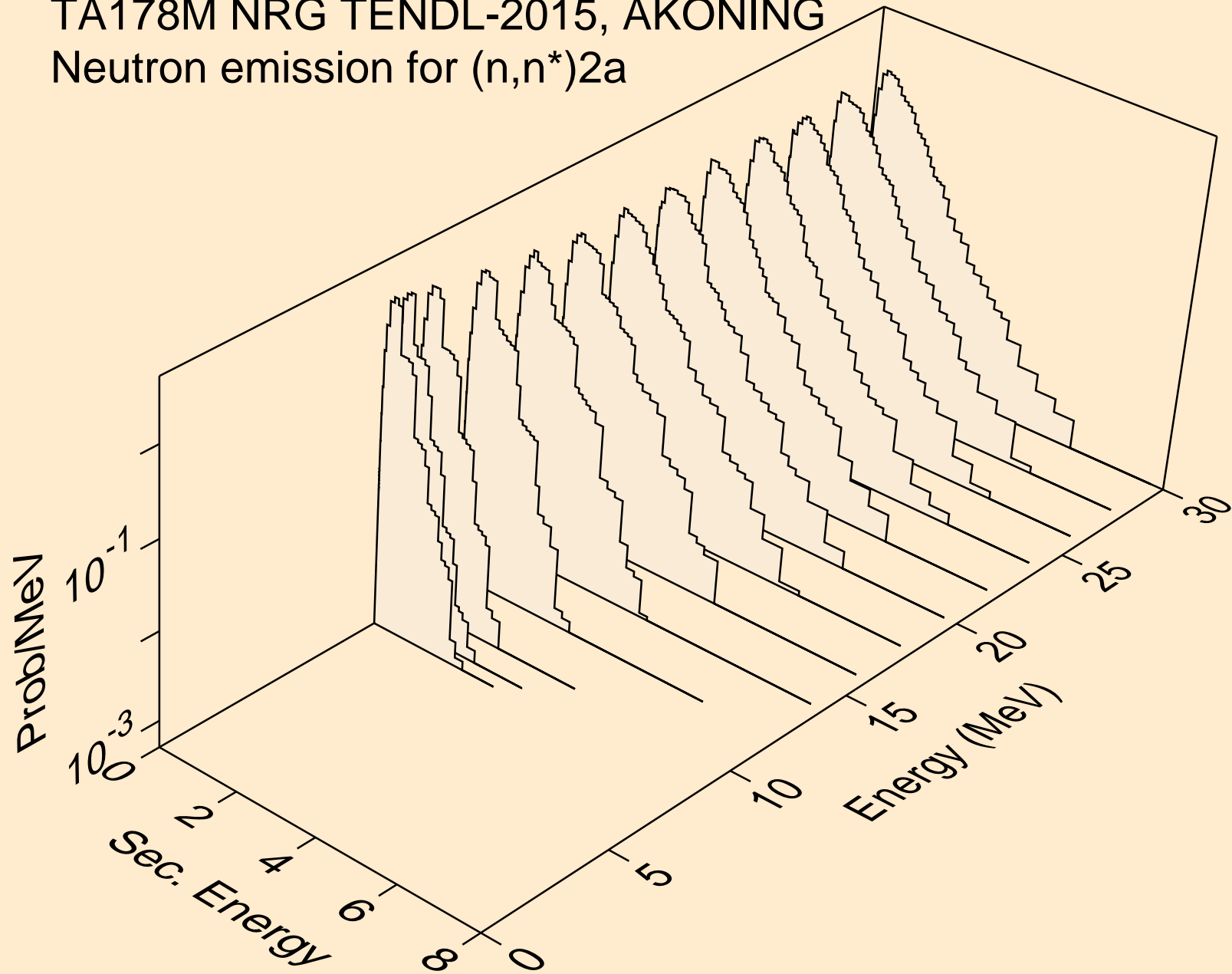
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



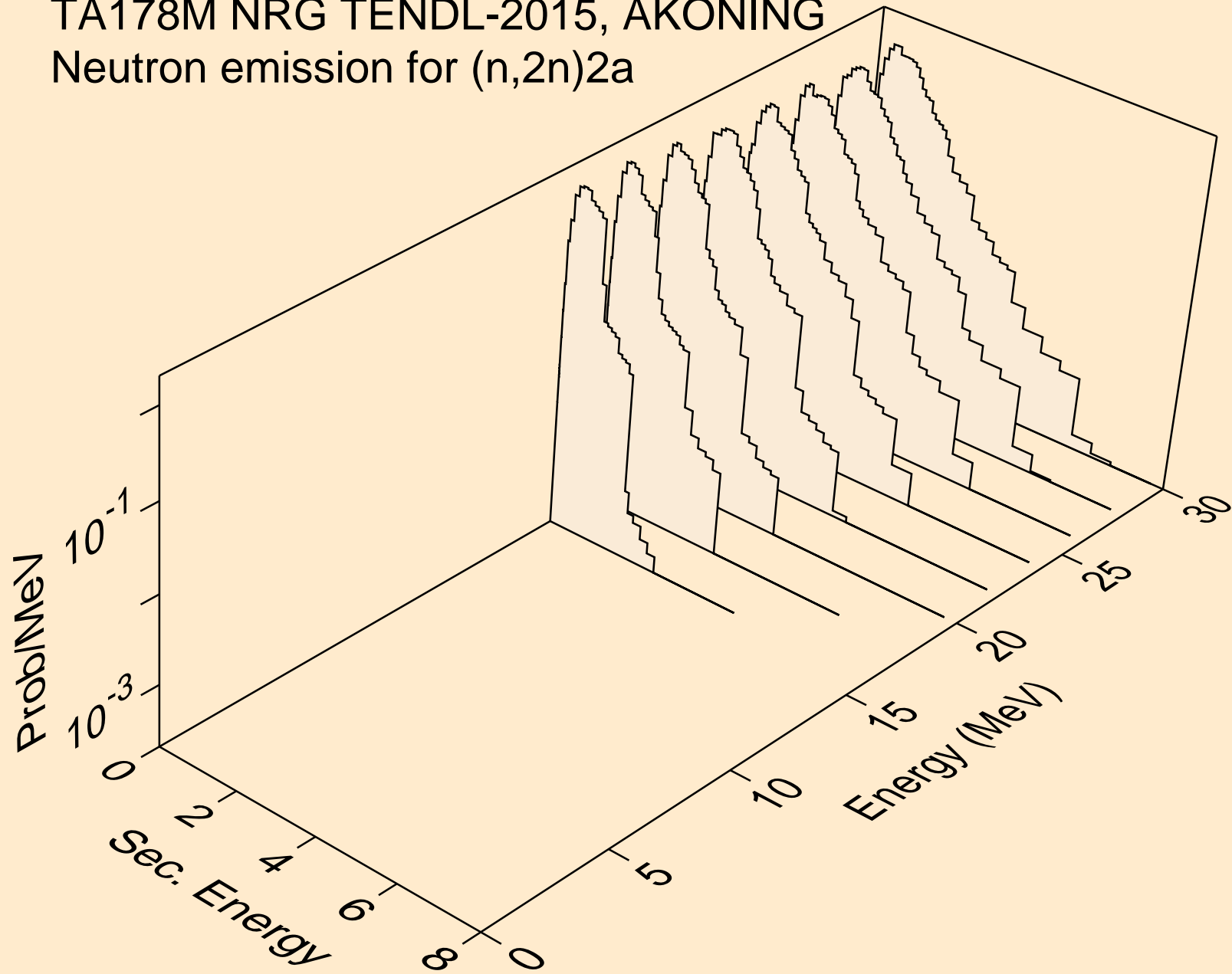
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



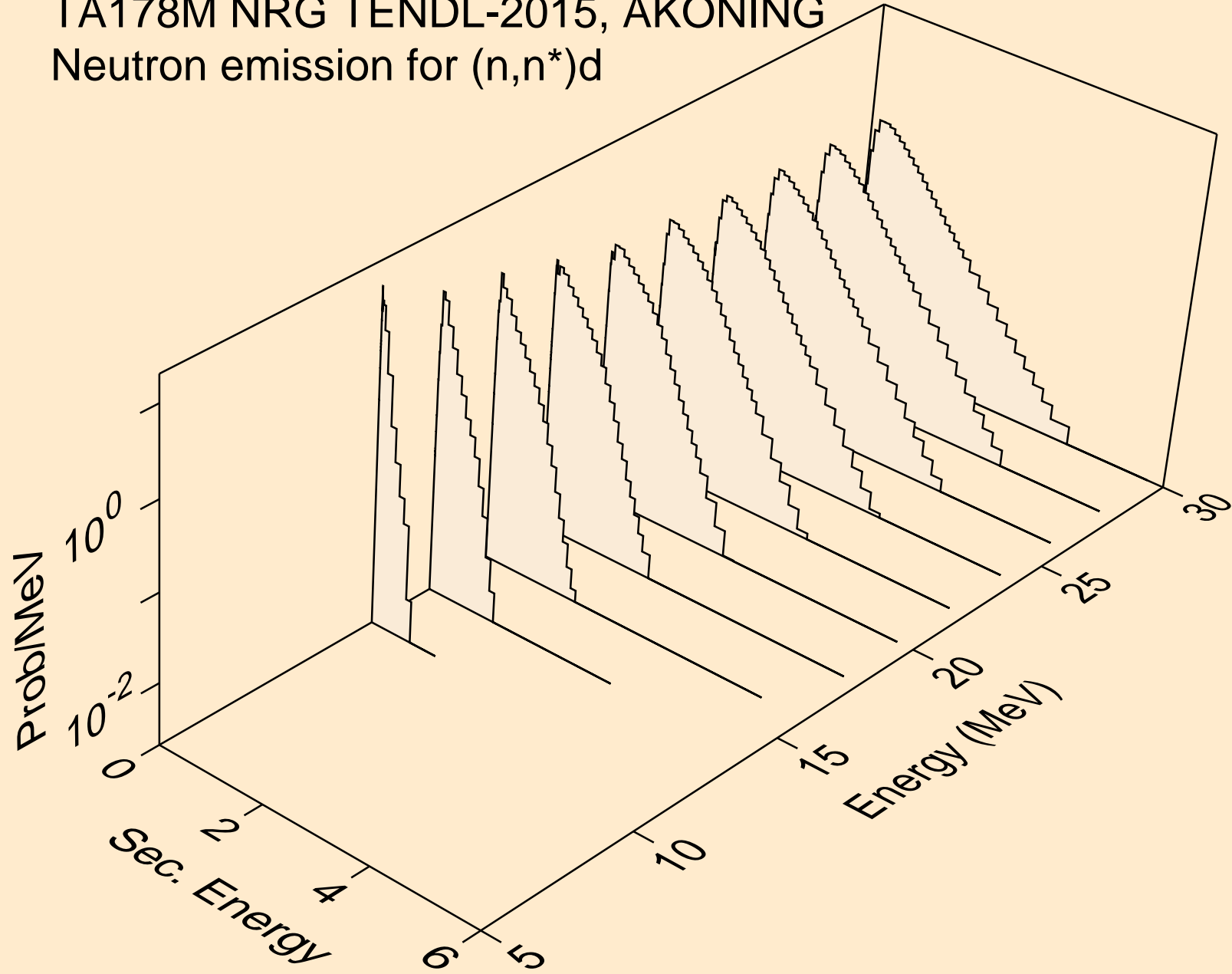
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



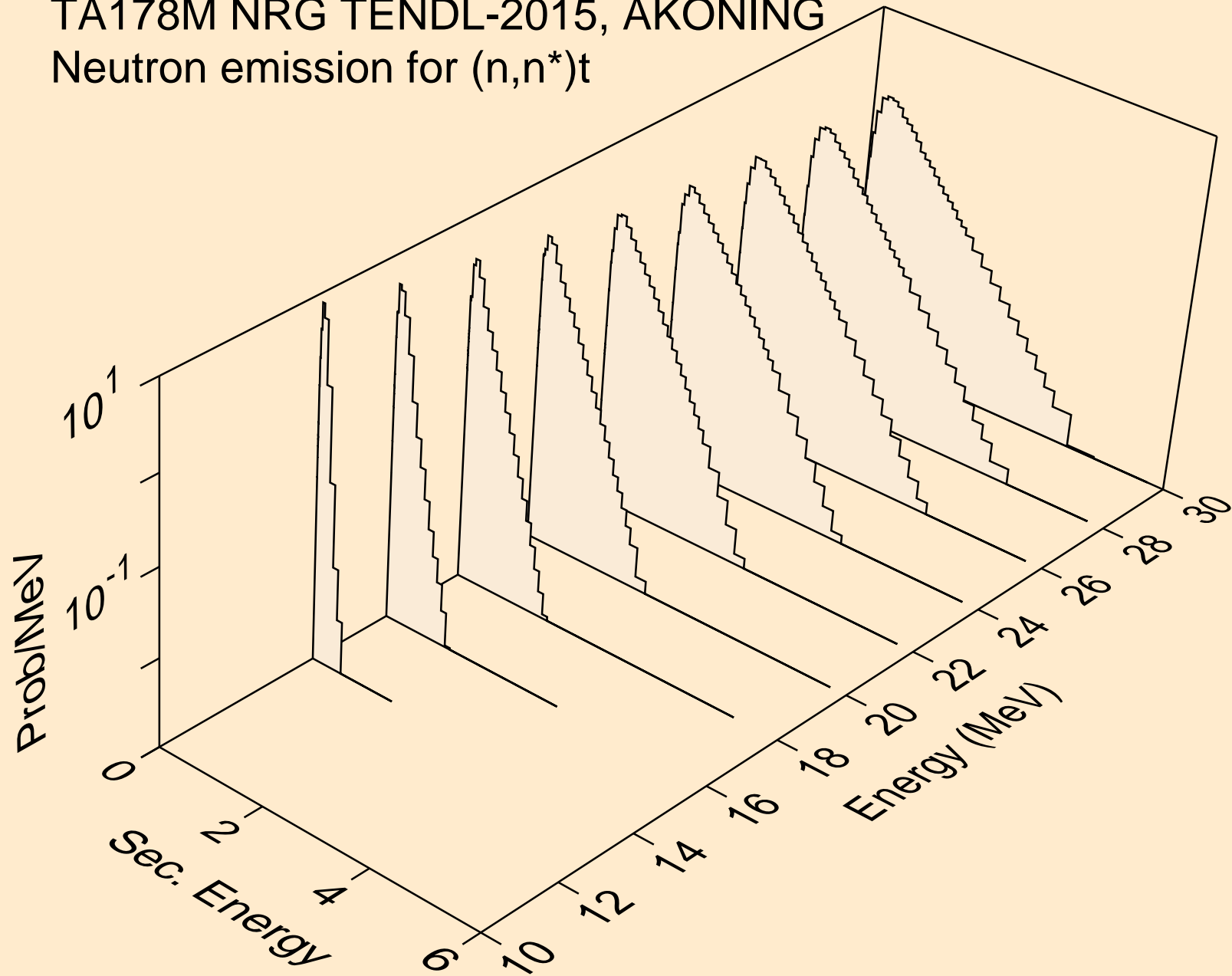
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



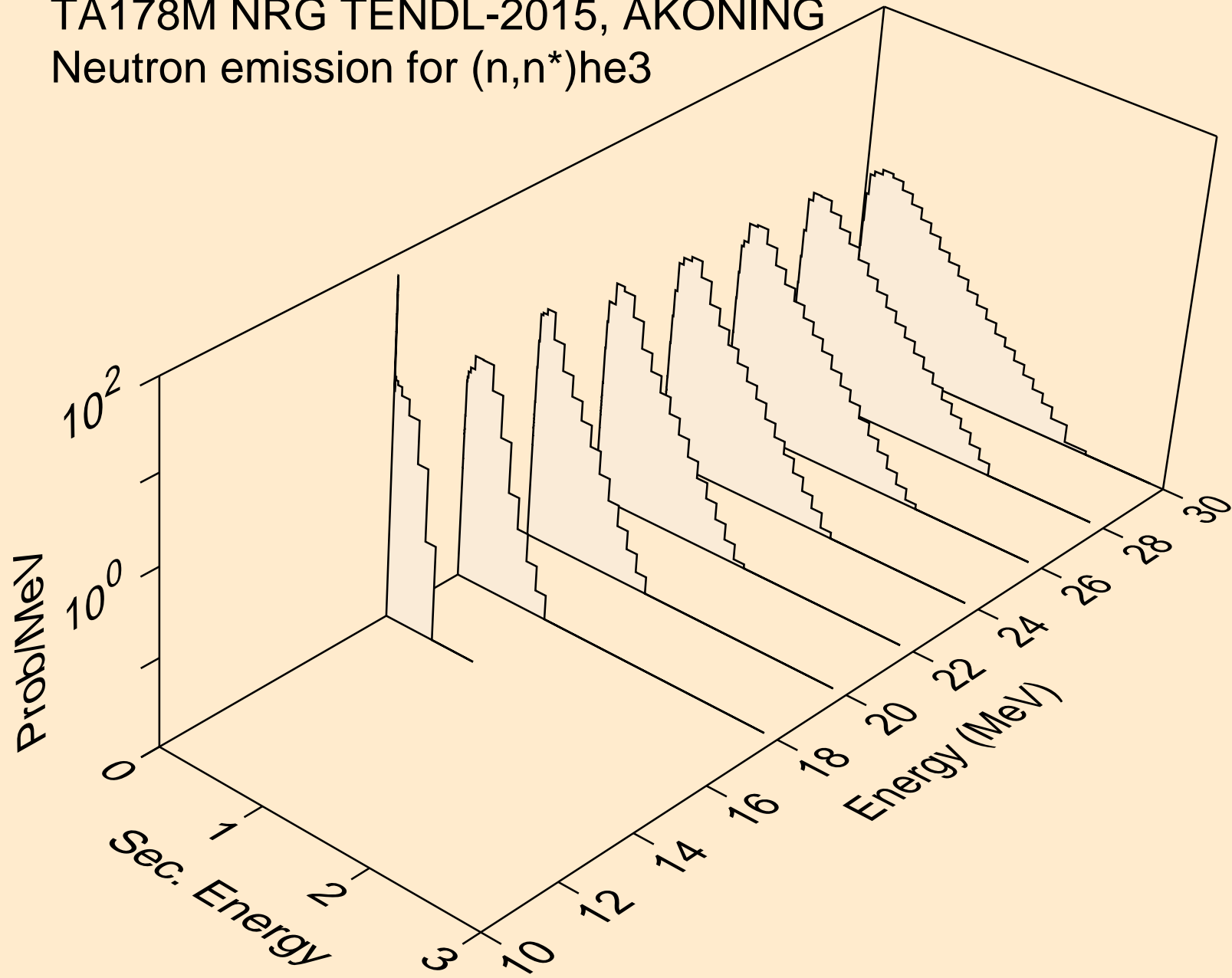
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

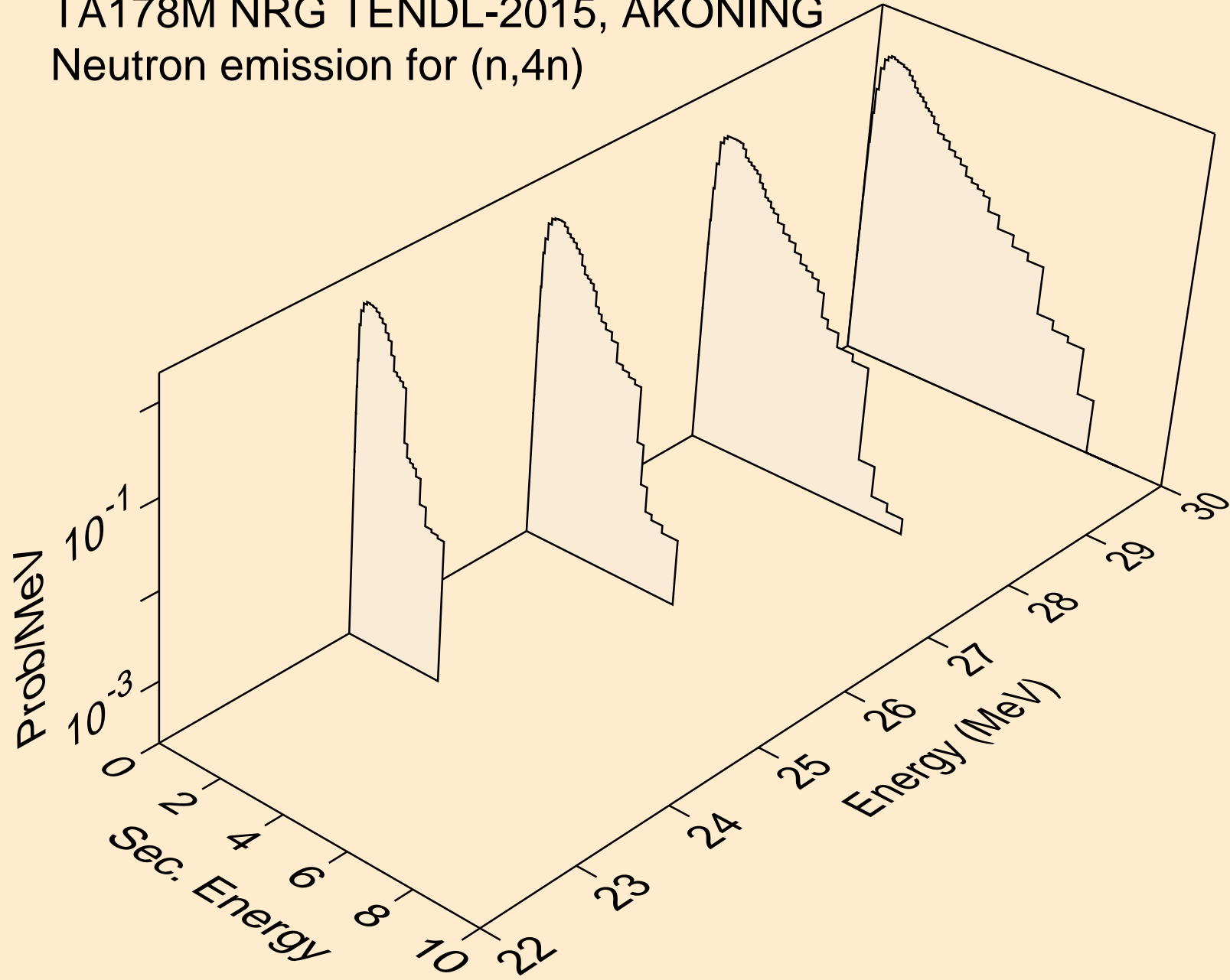


TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

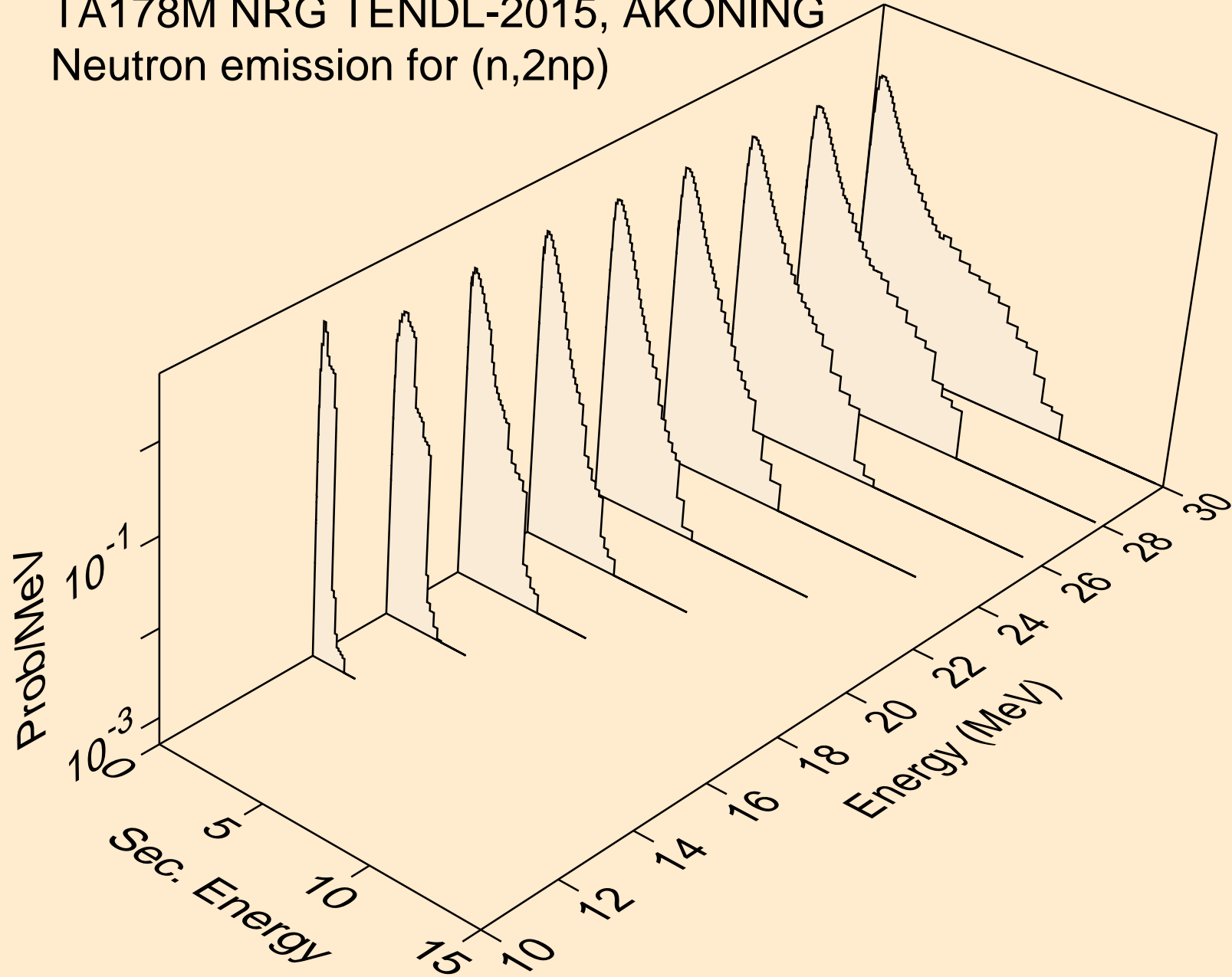




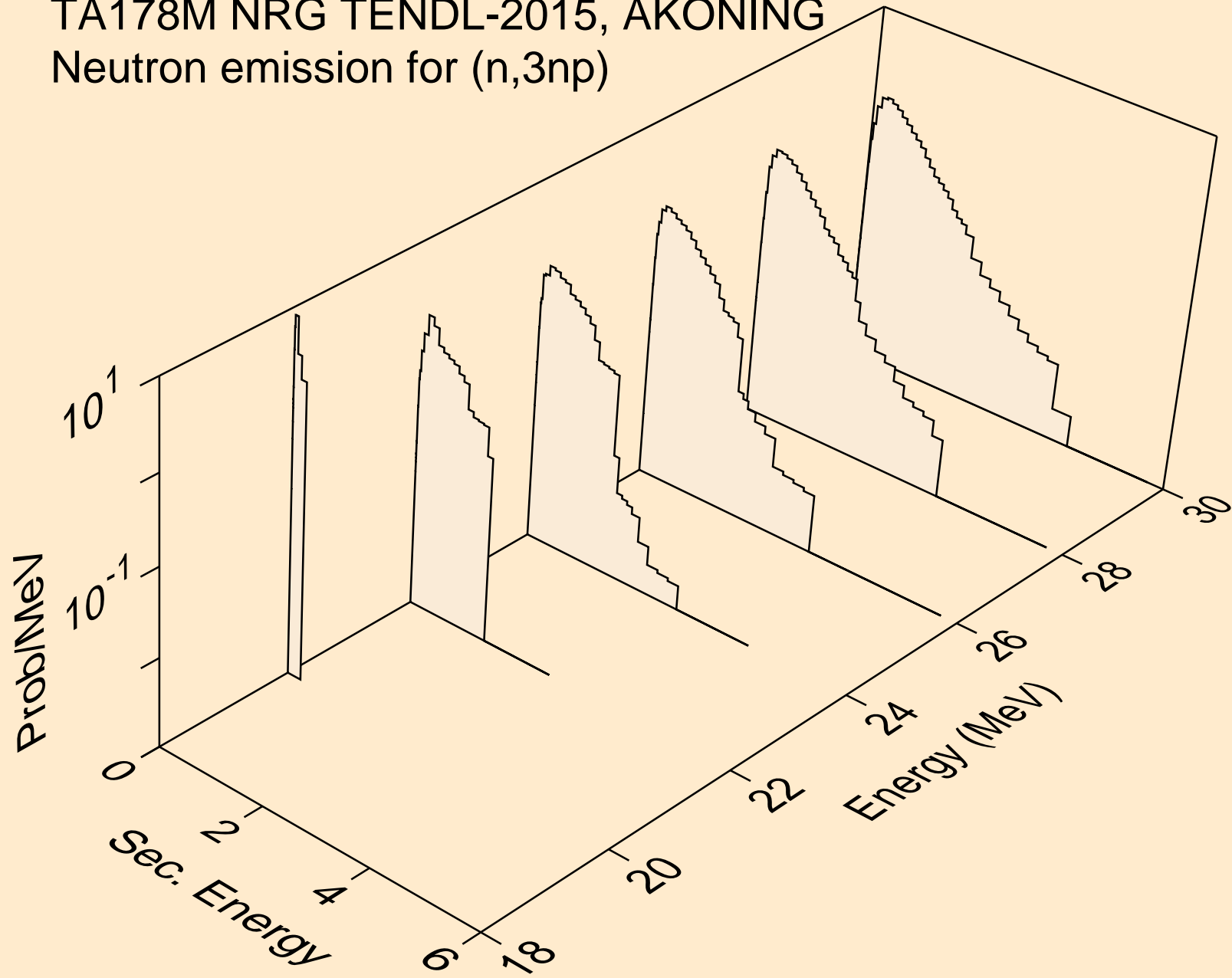
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



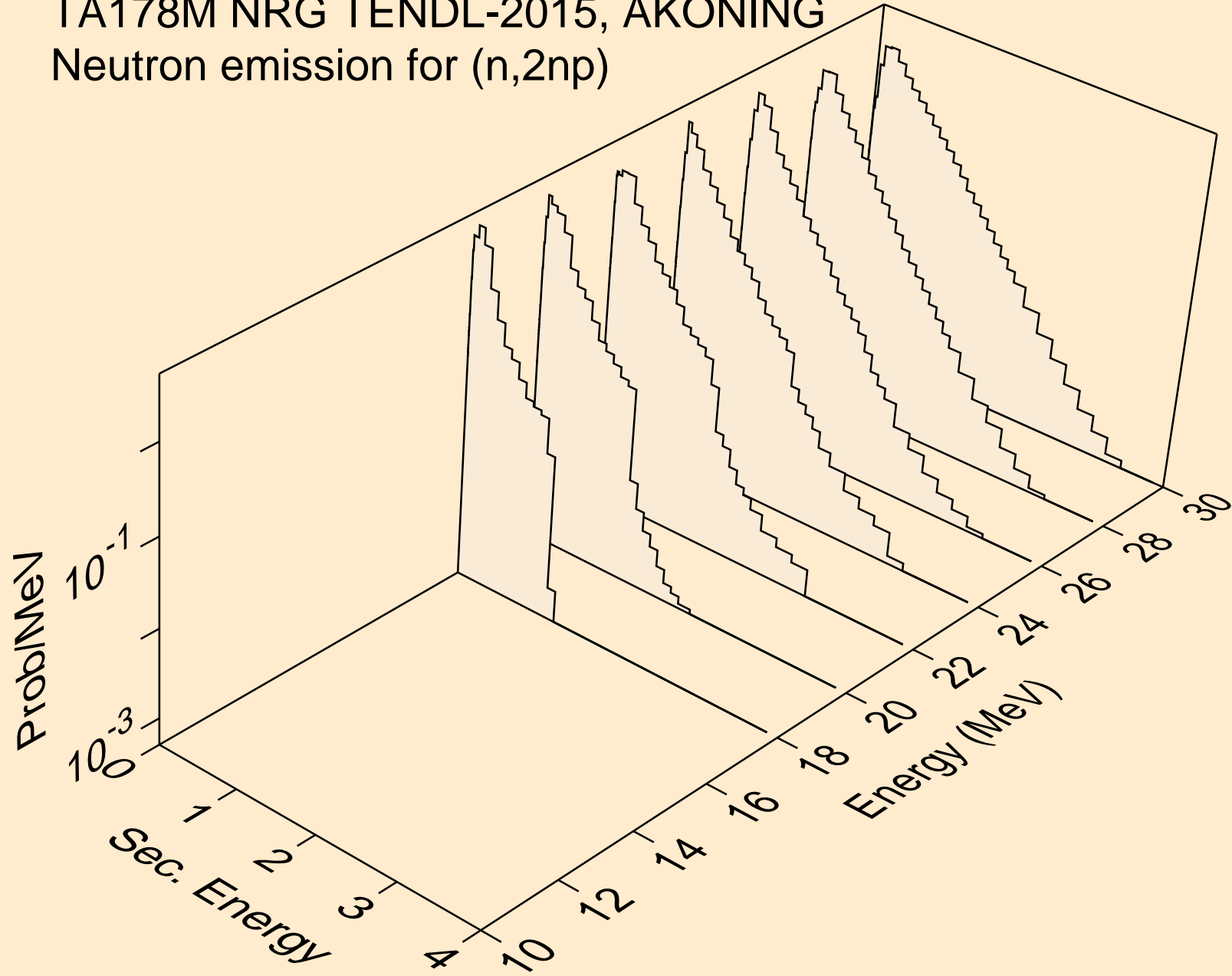
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



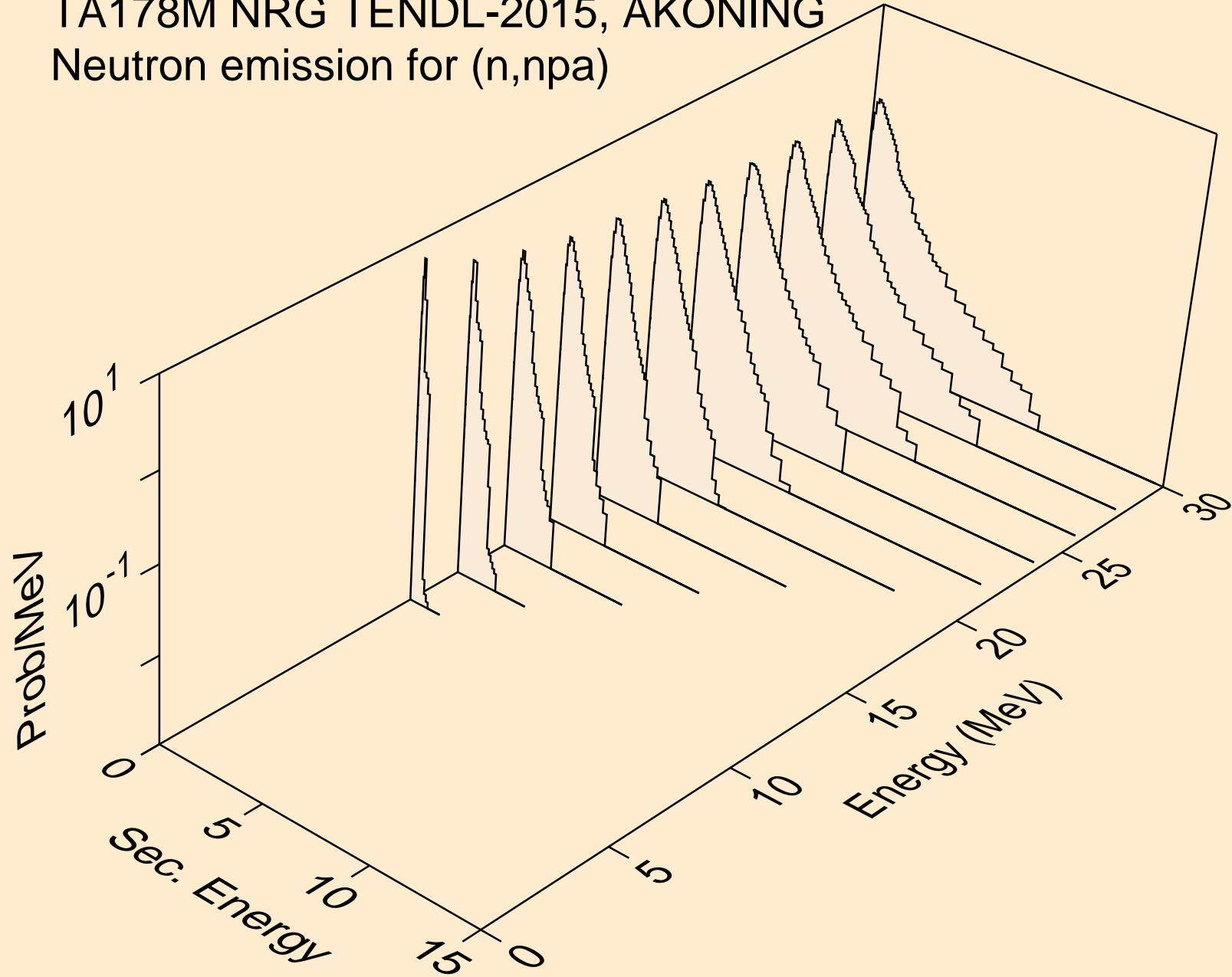
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



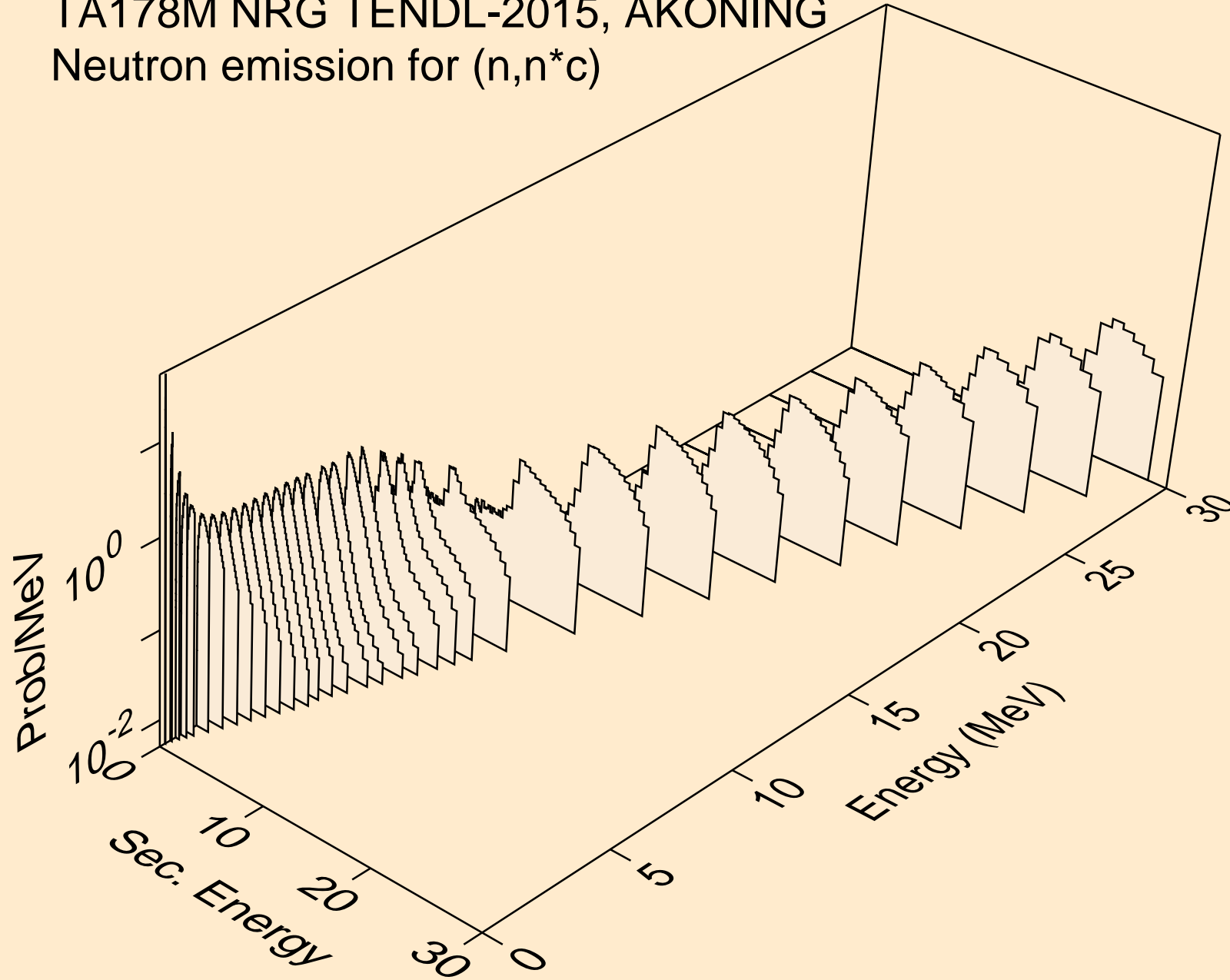
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



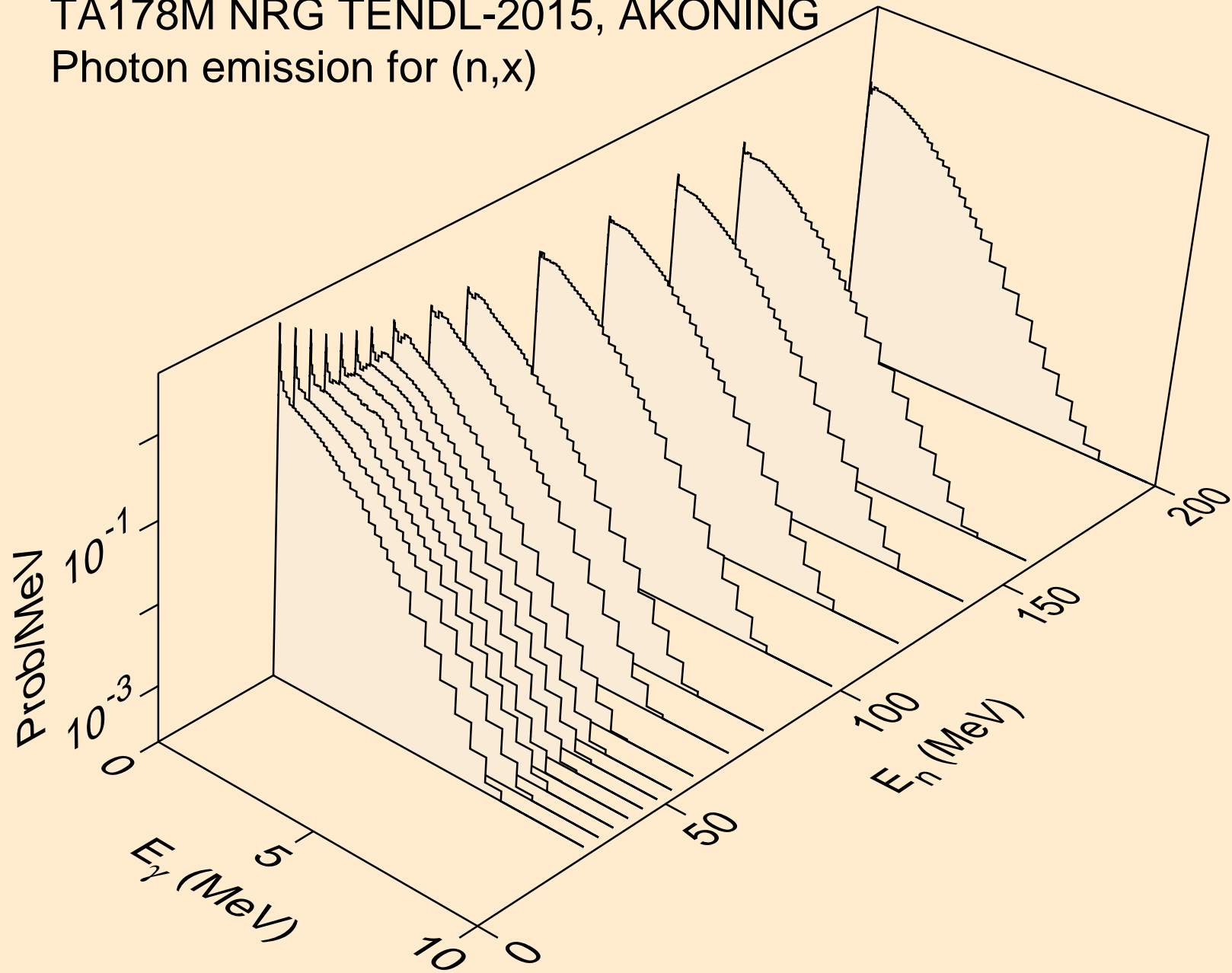
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



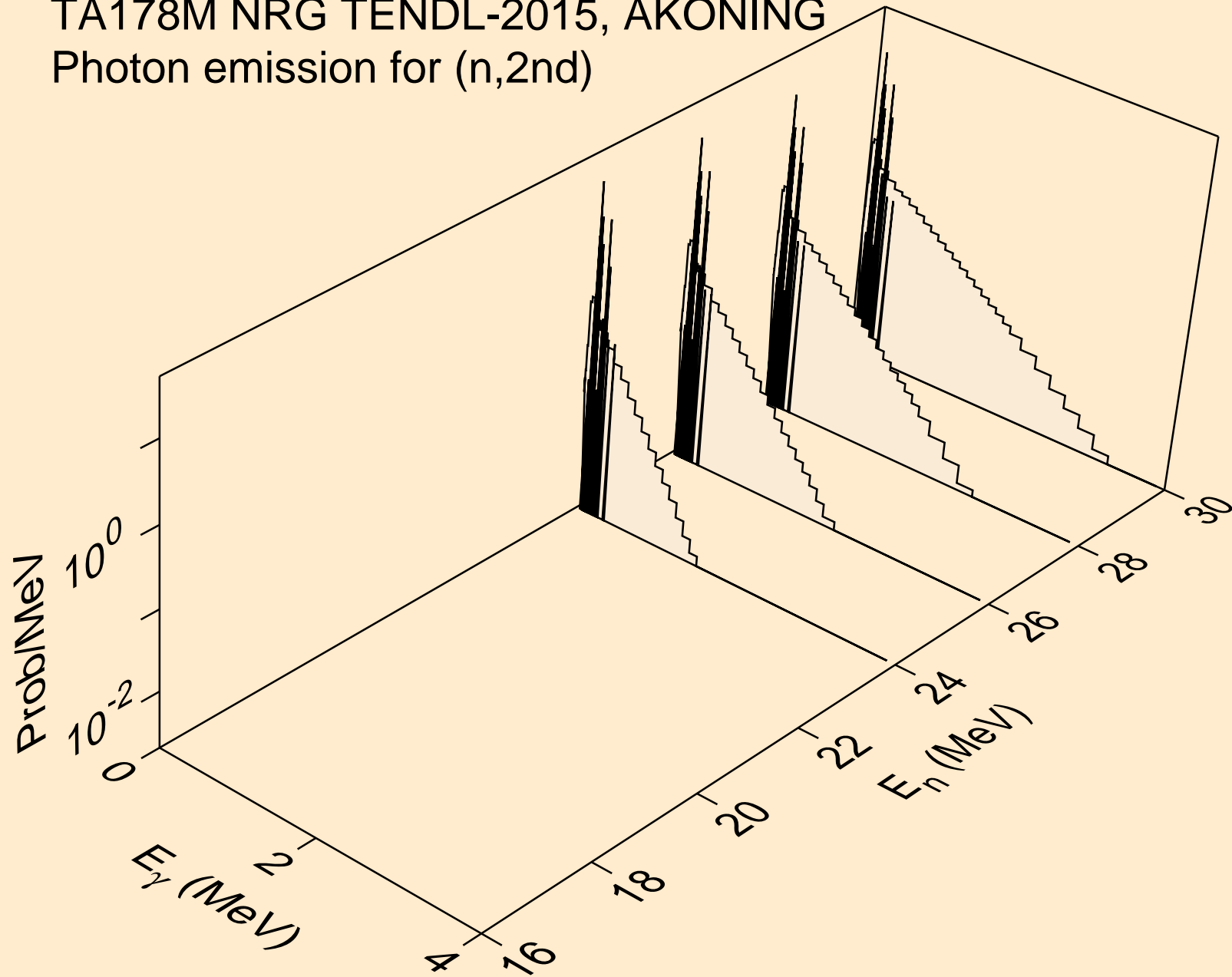
TA178M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

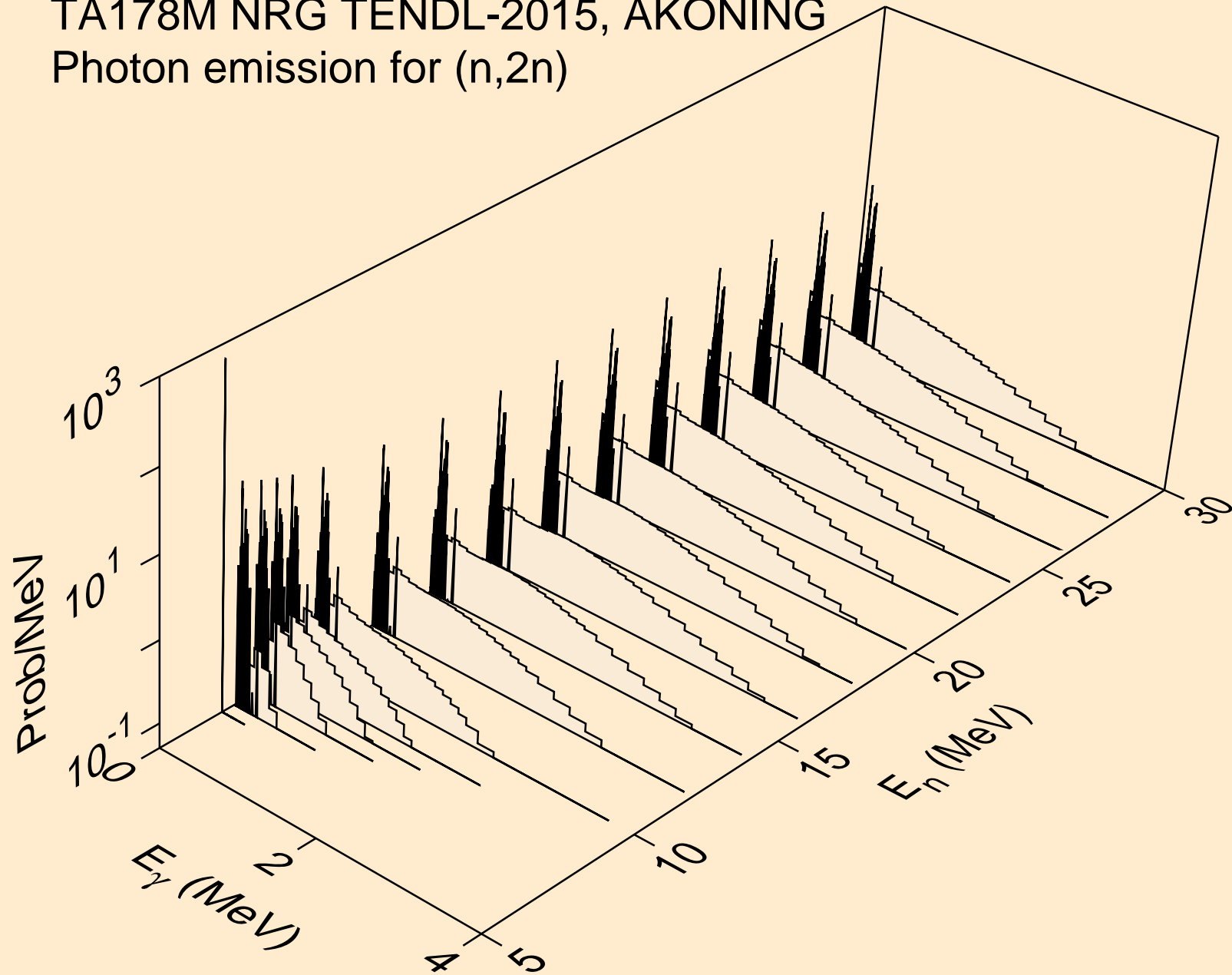


TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

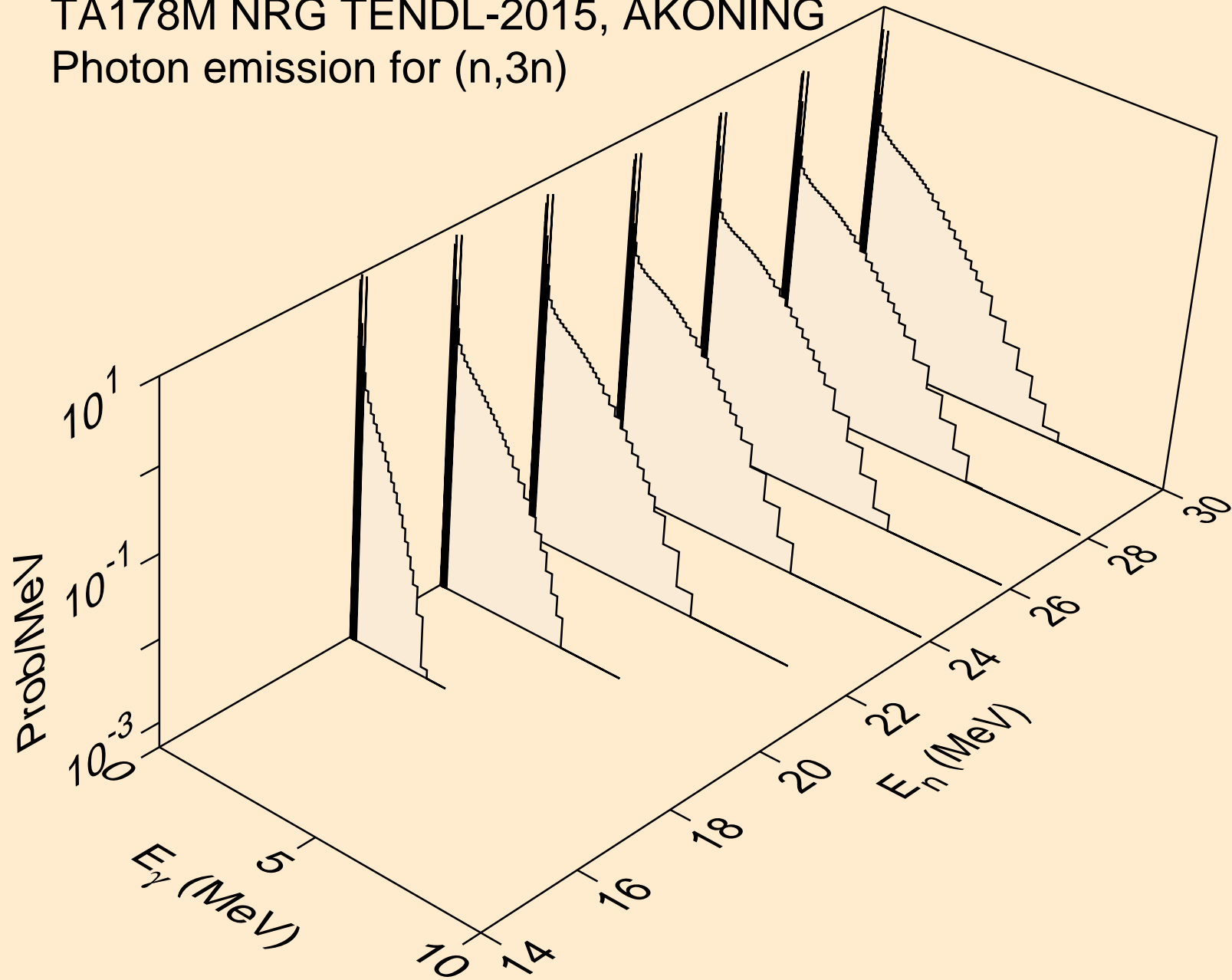




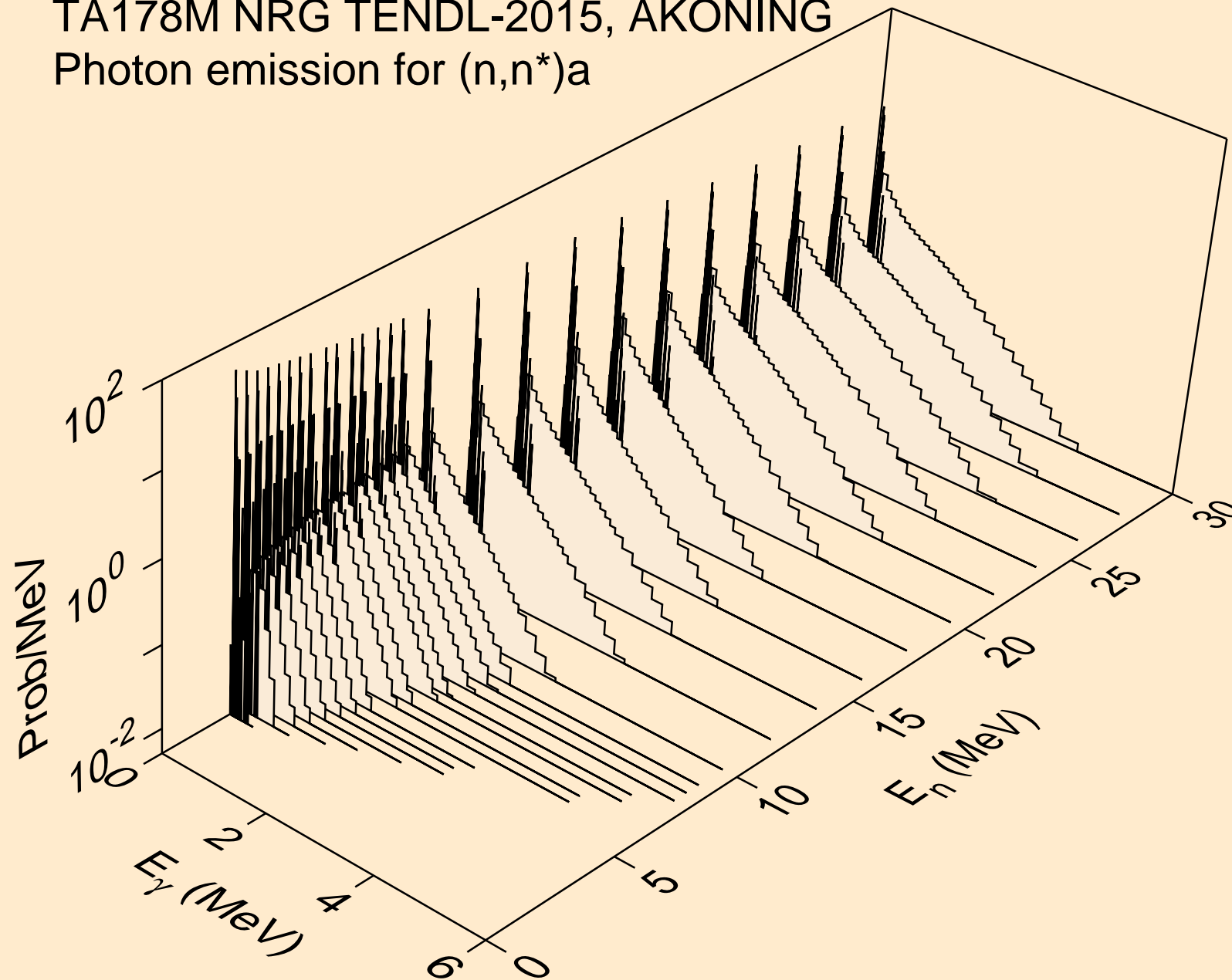
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



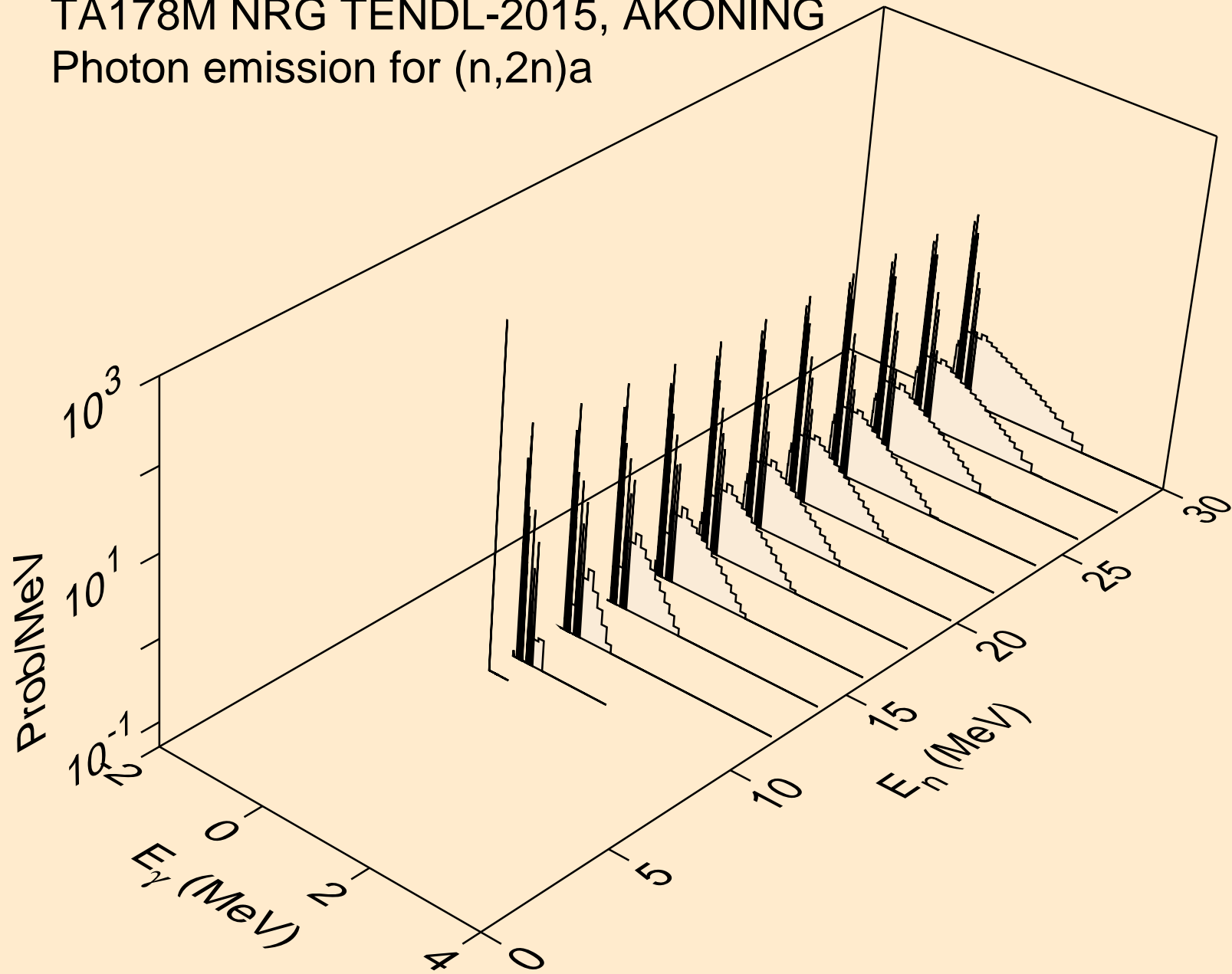
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



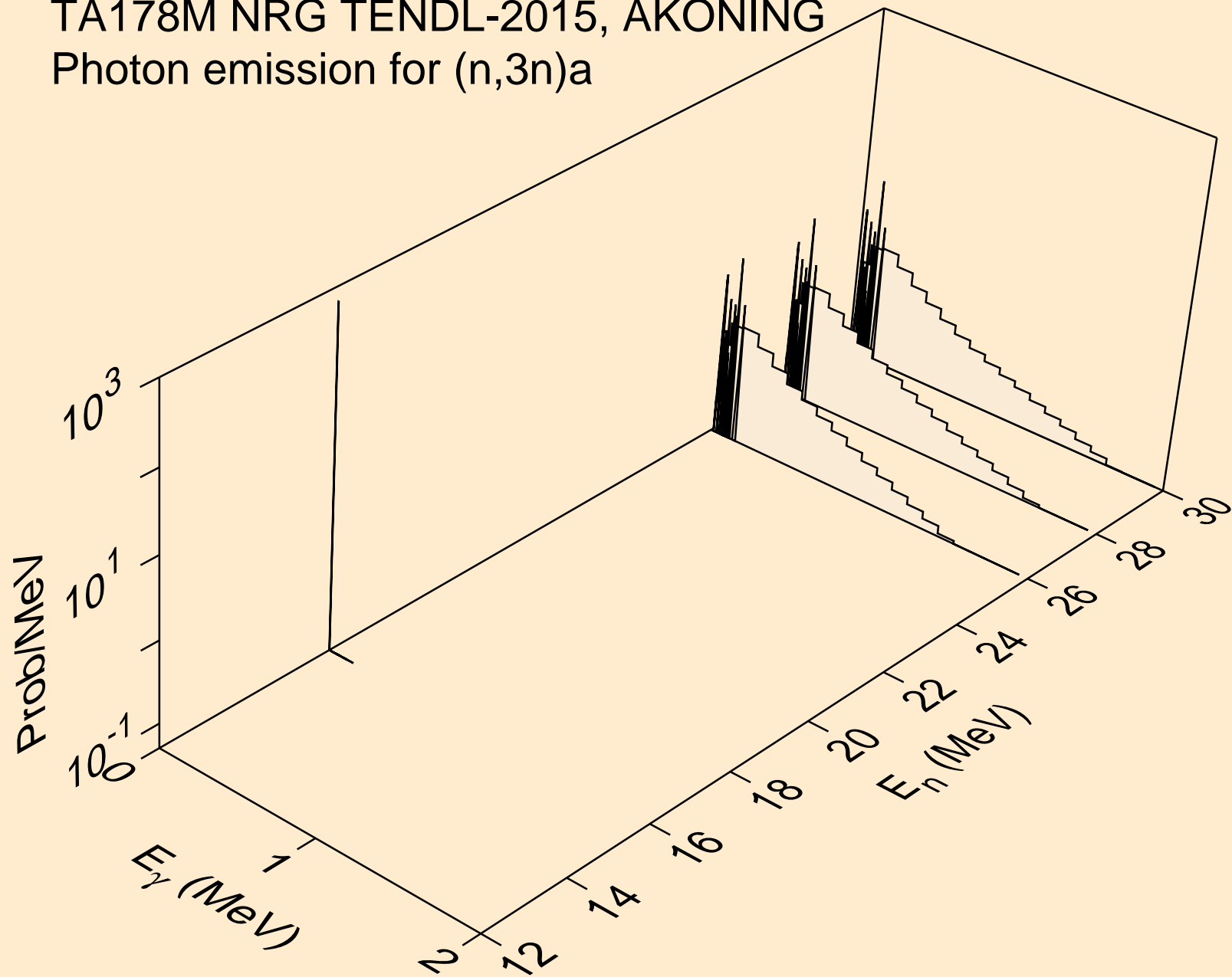
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



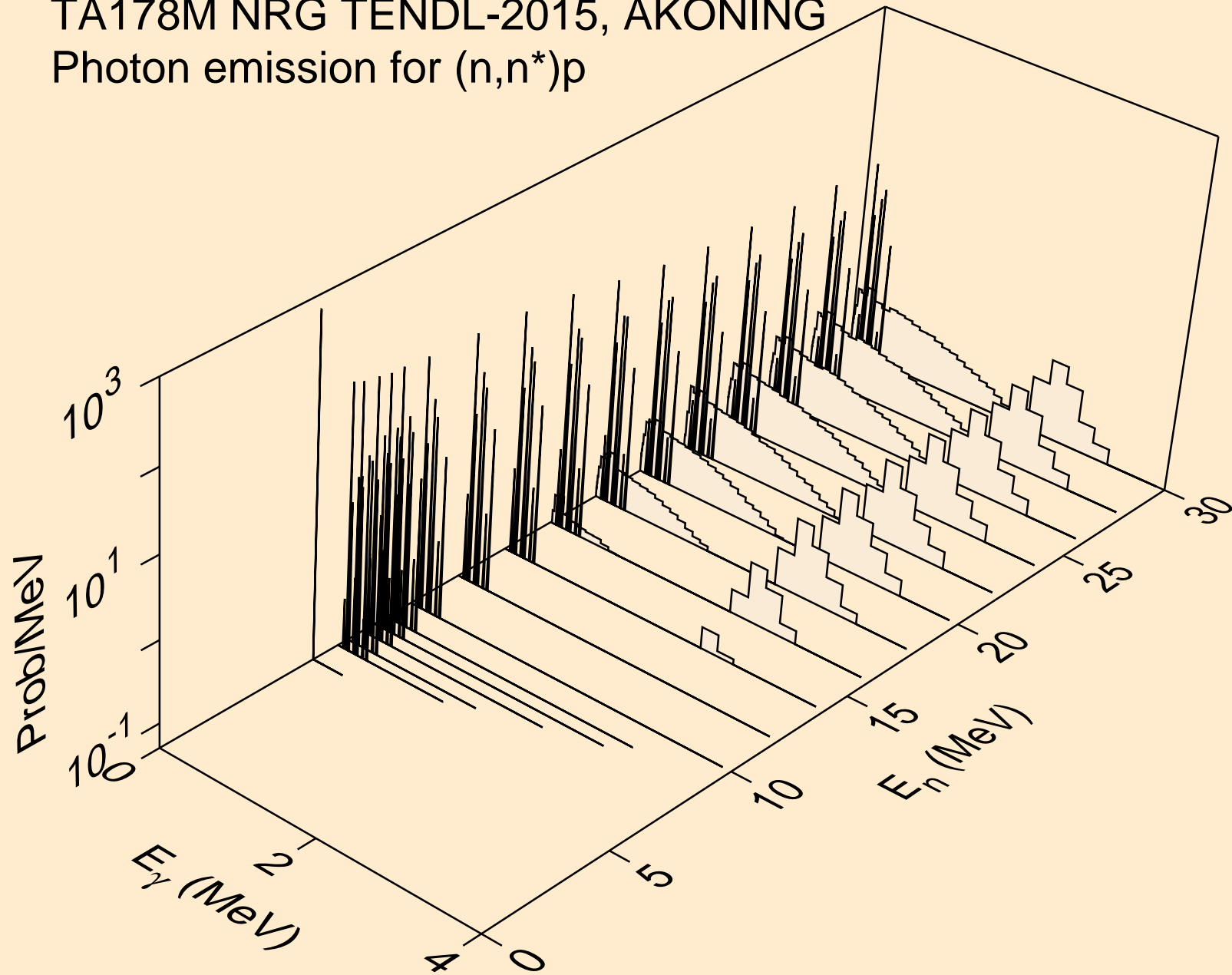
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



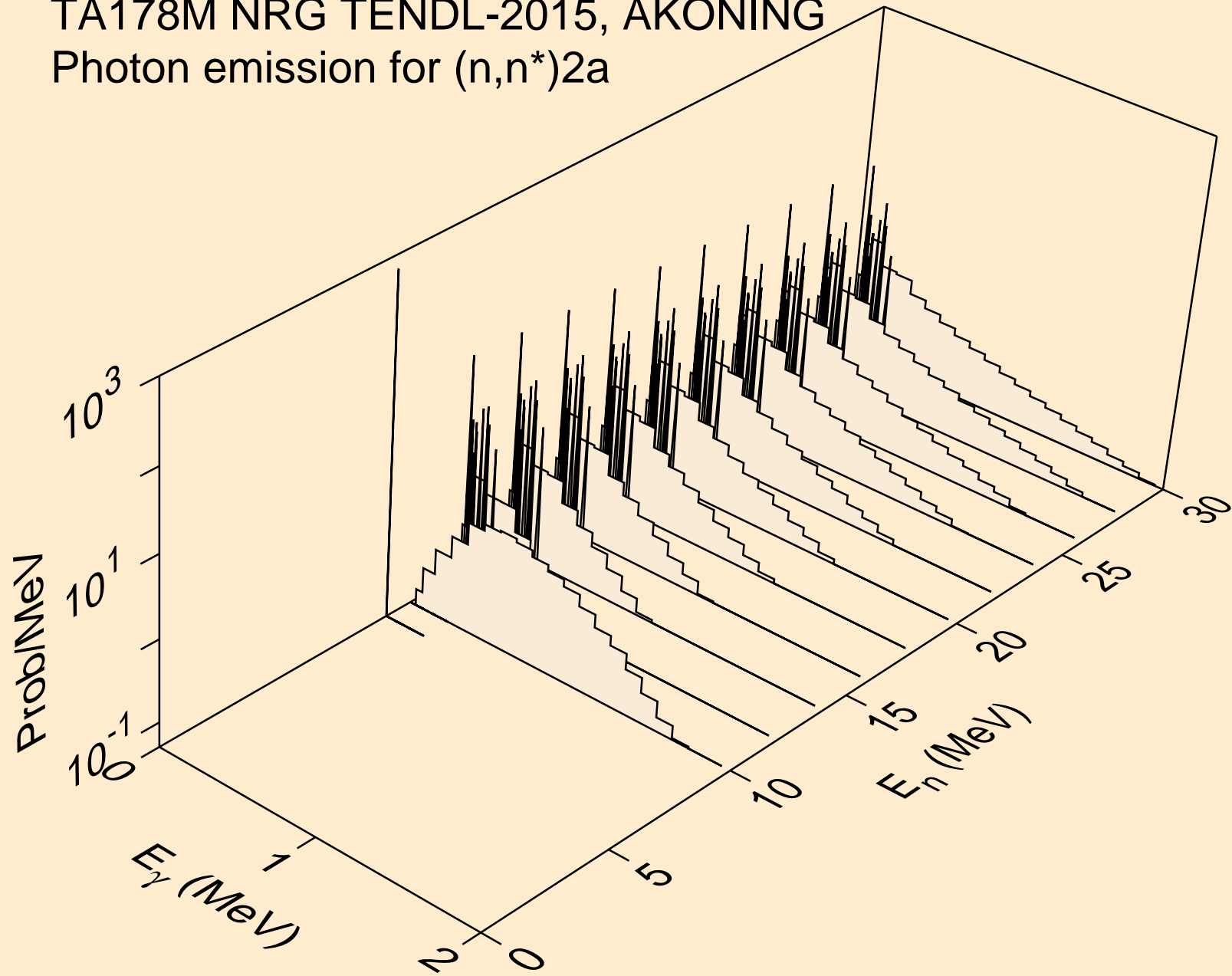
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



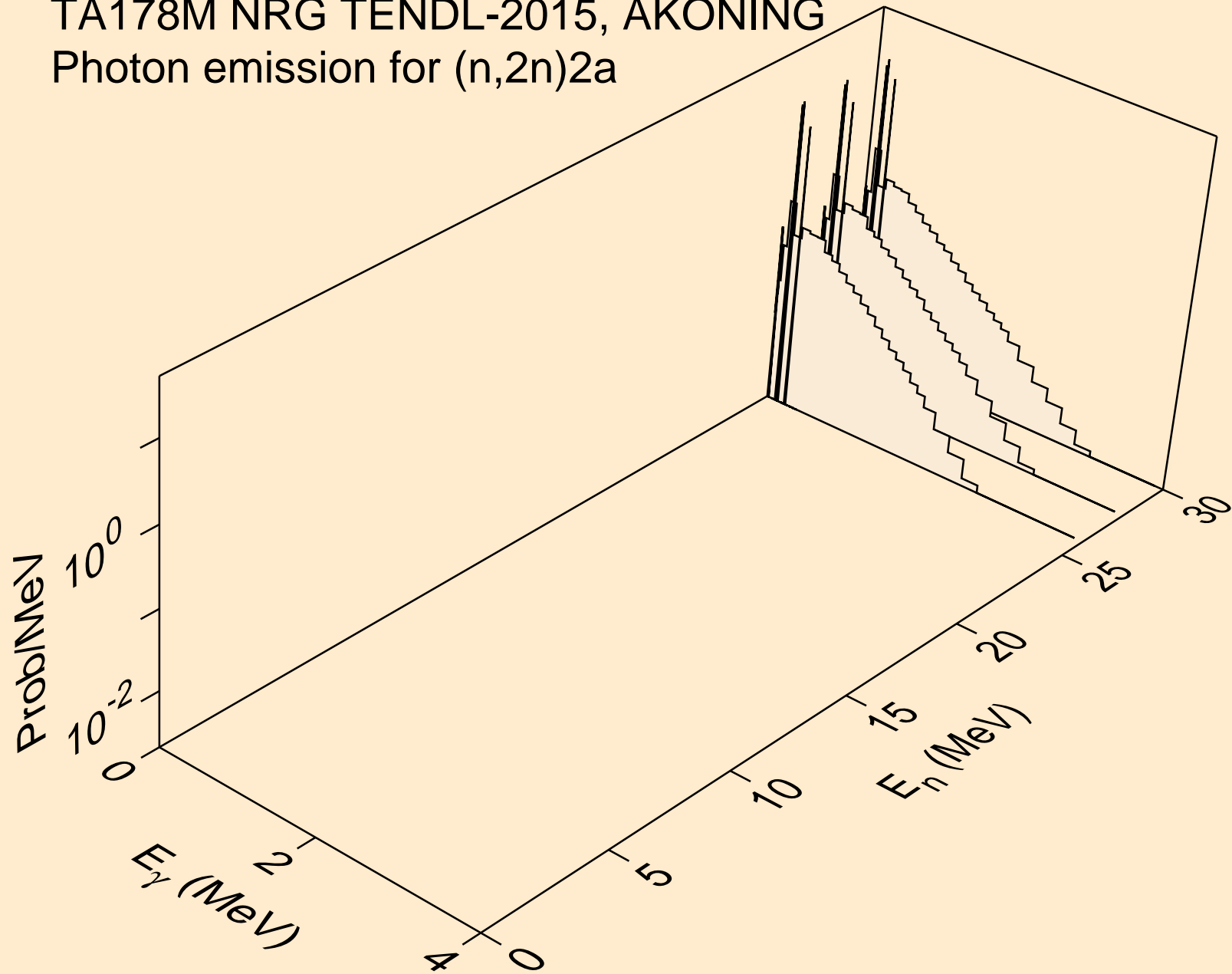
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

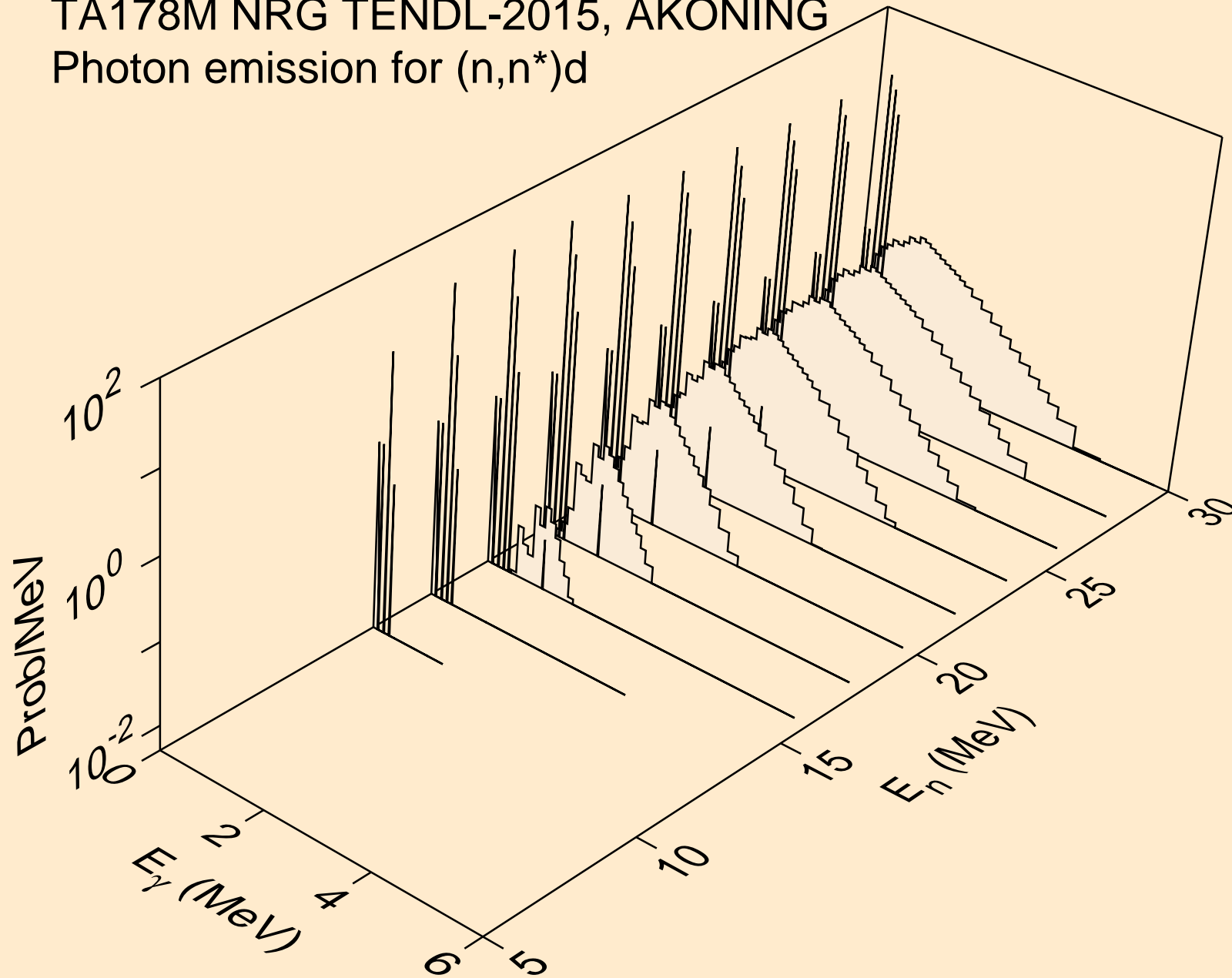


TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

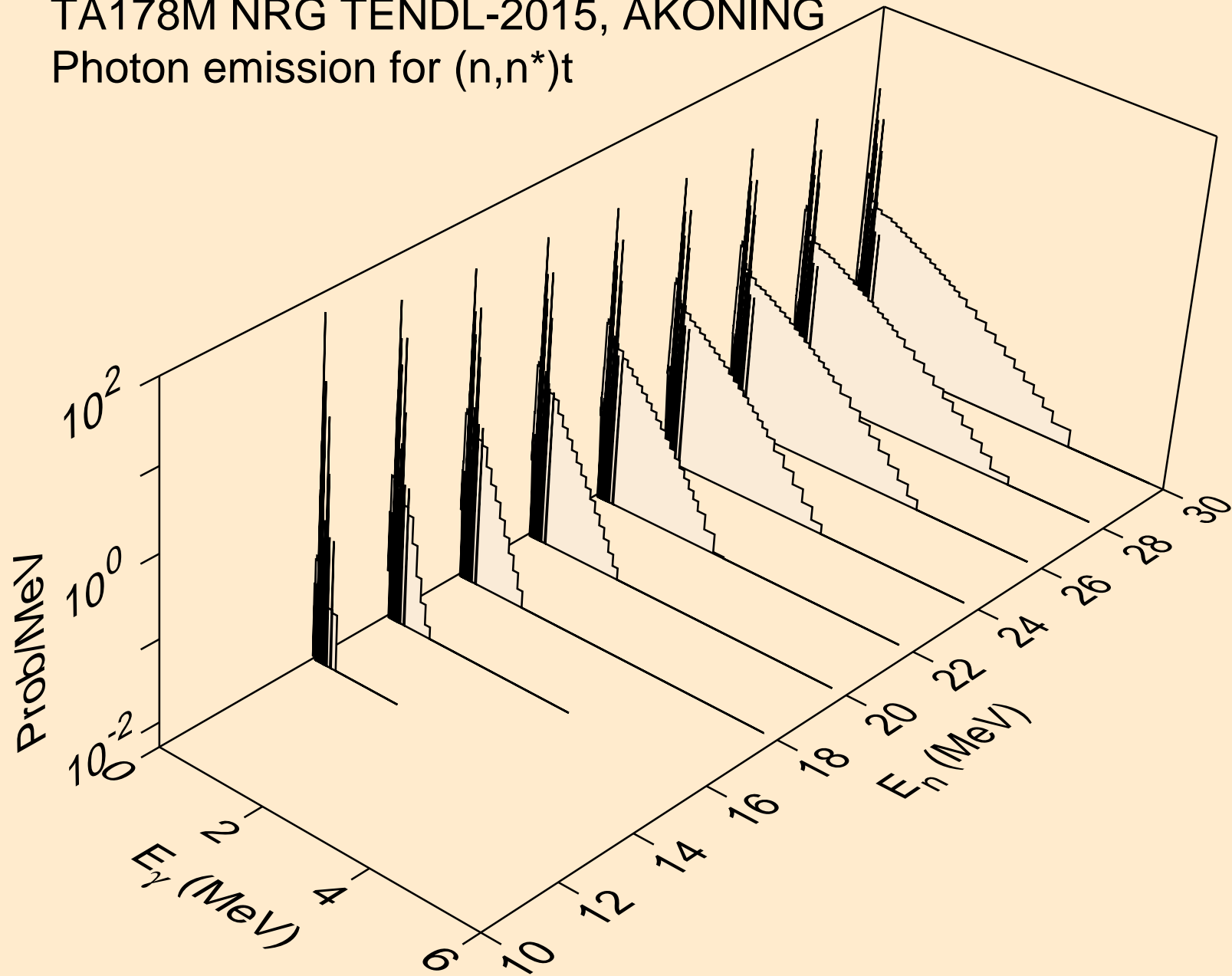




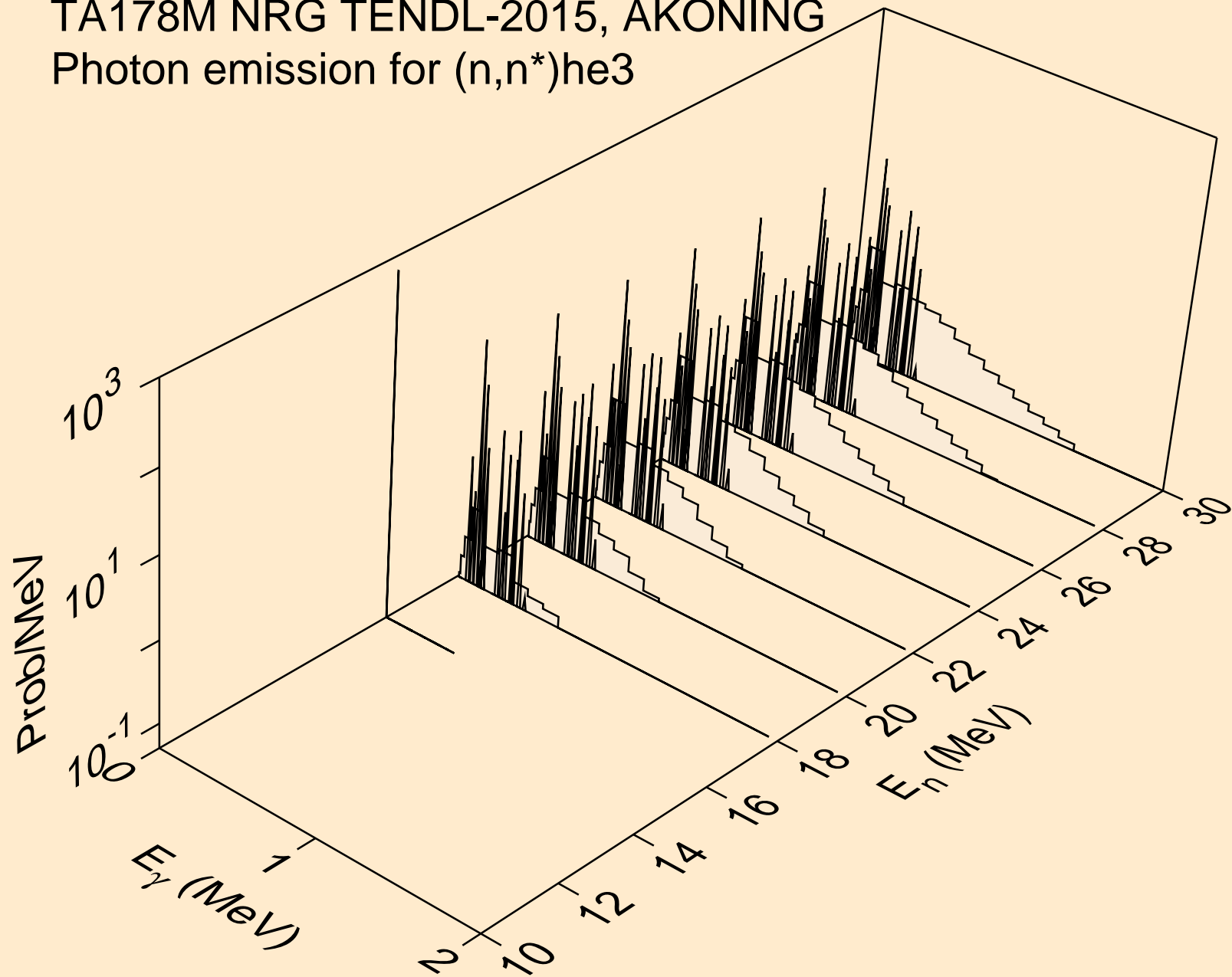
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



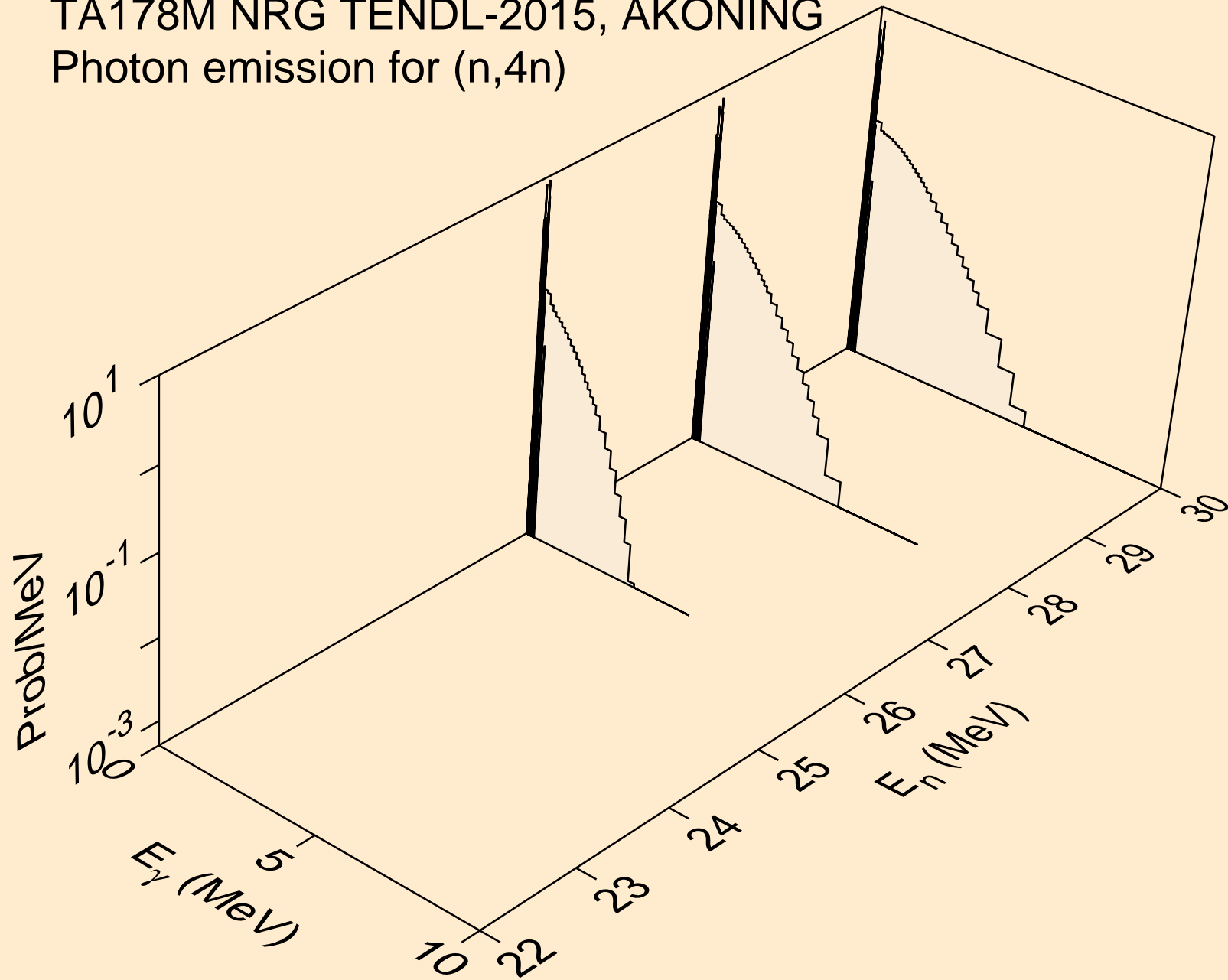
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



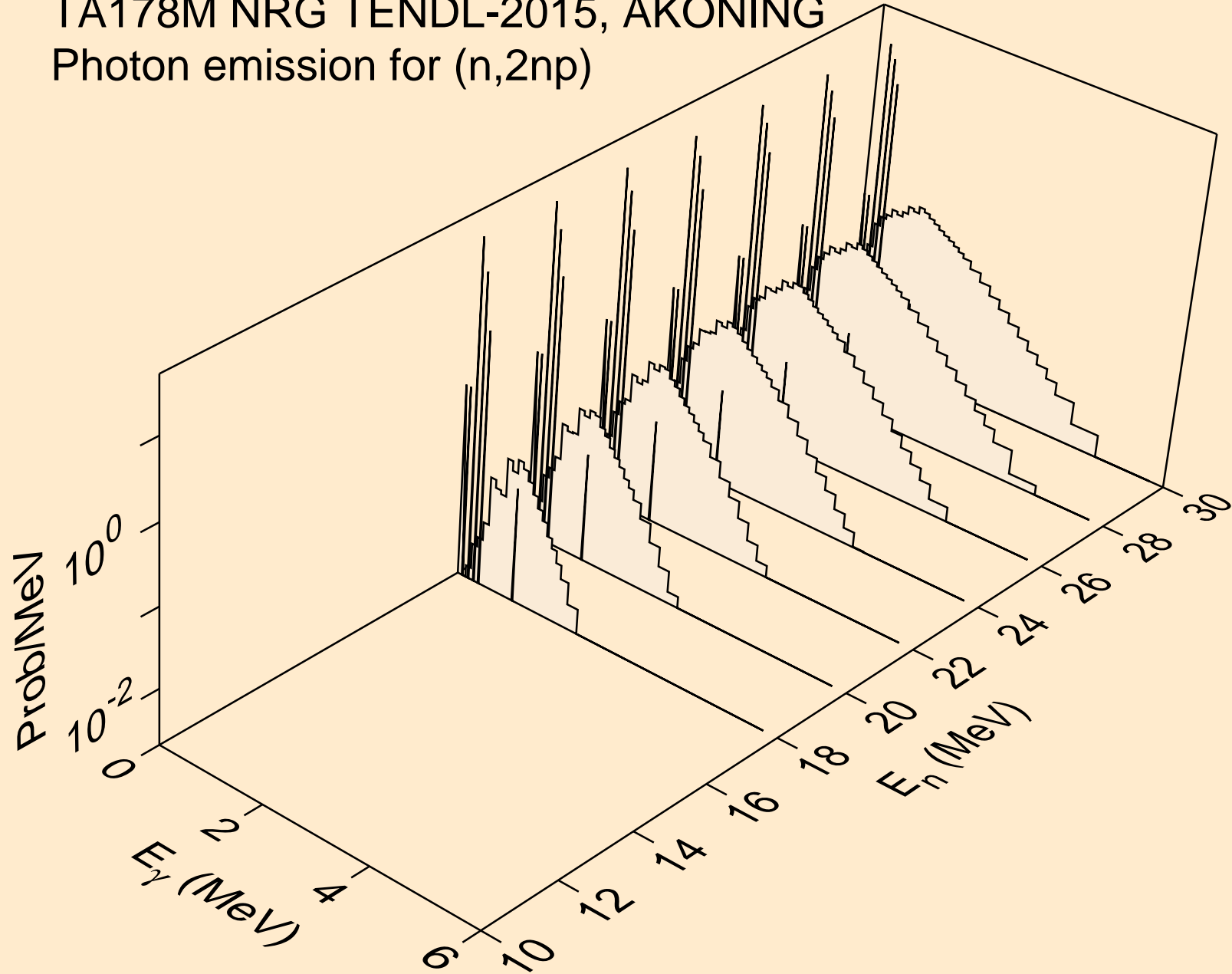
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



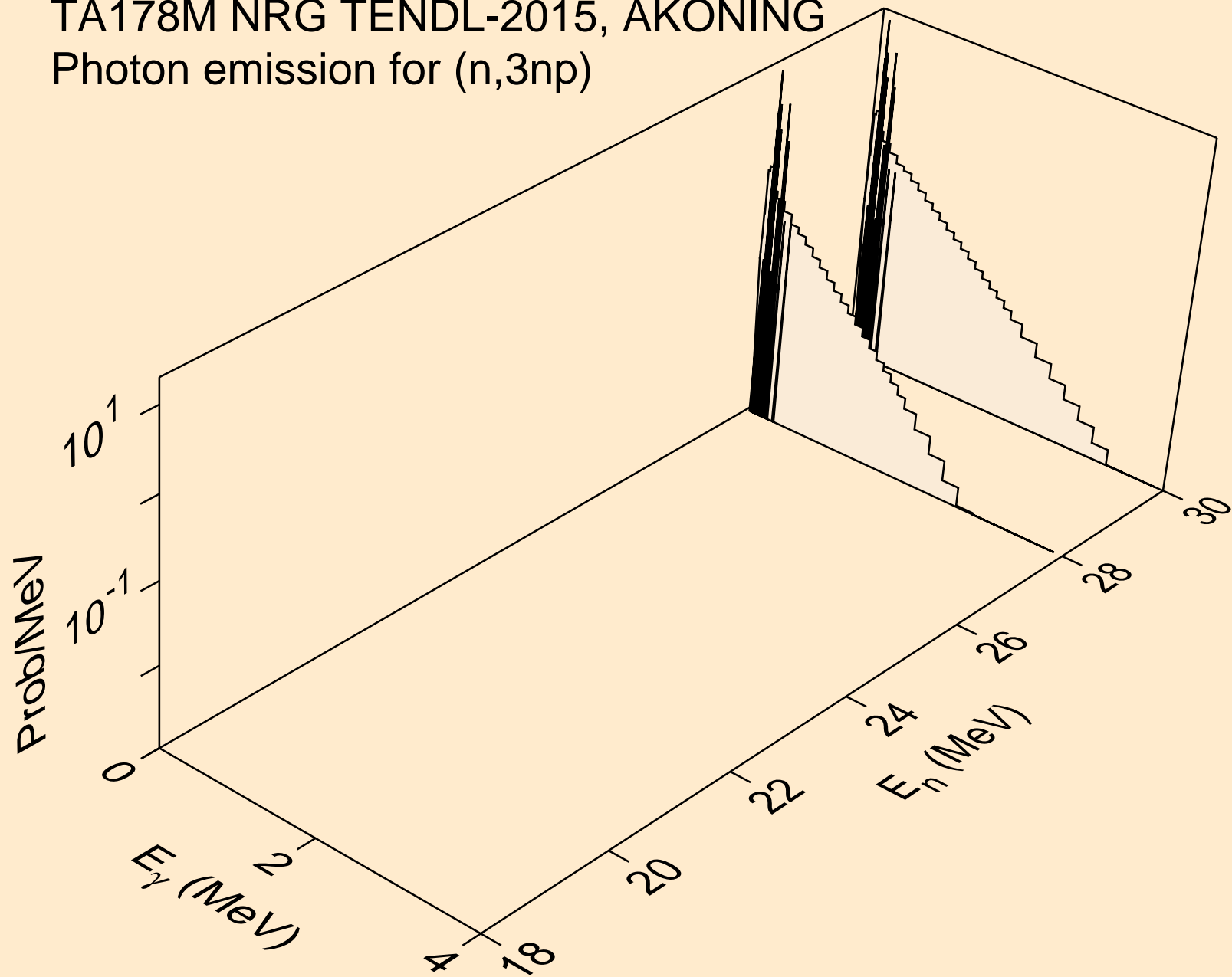
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



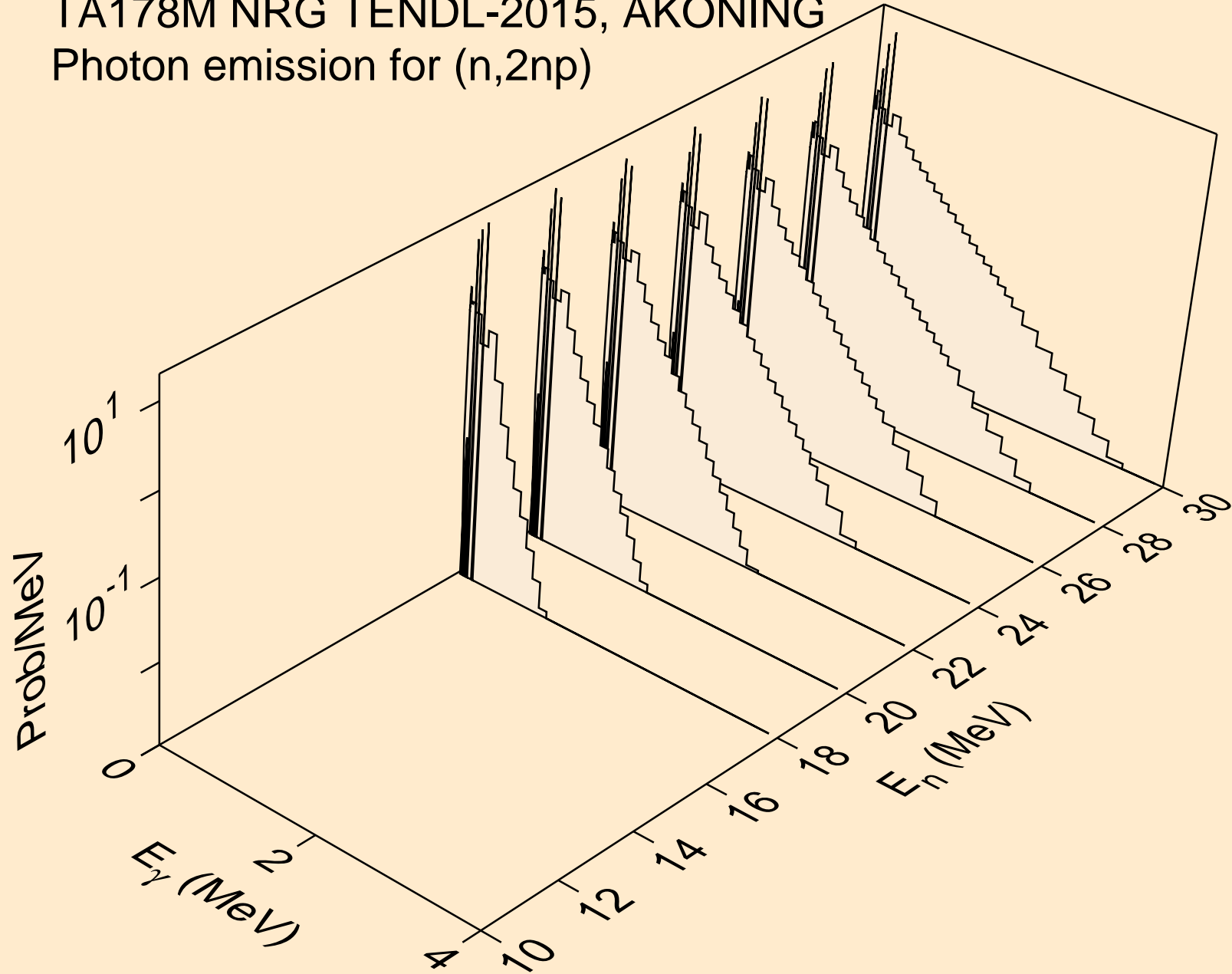
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



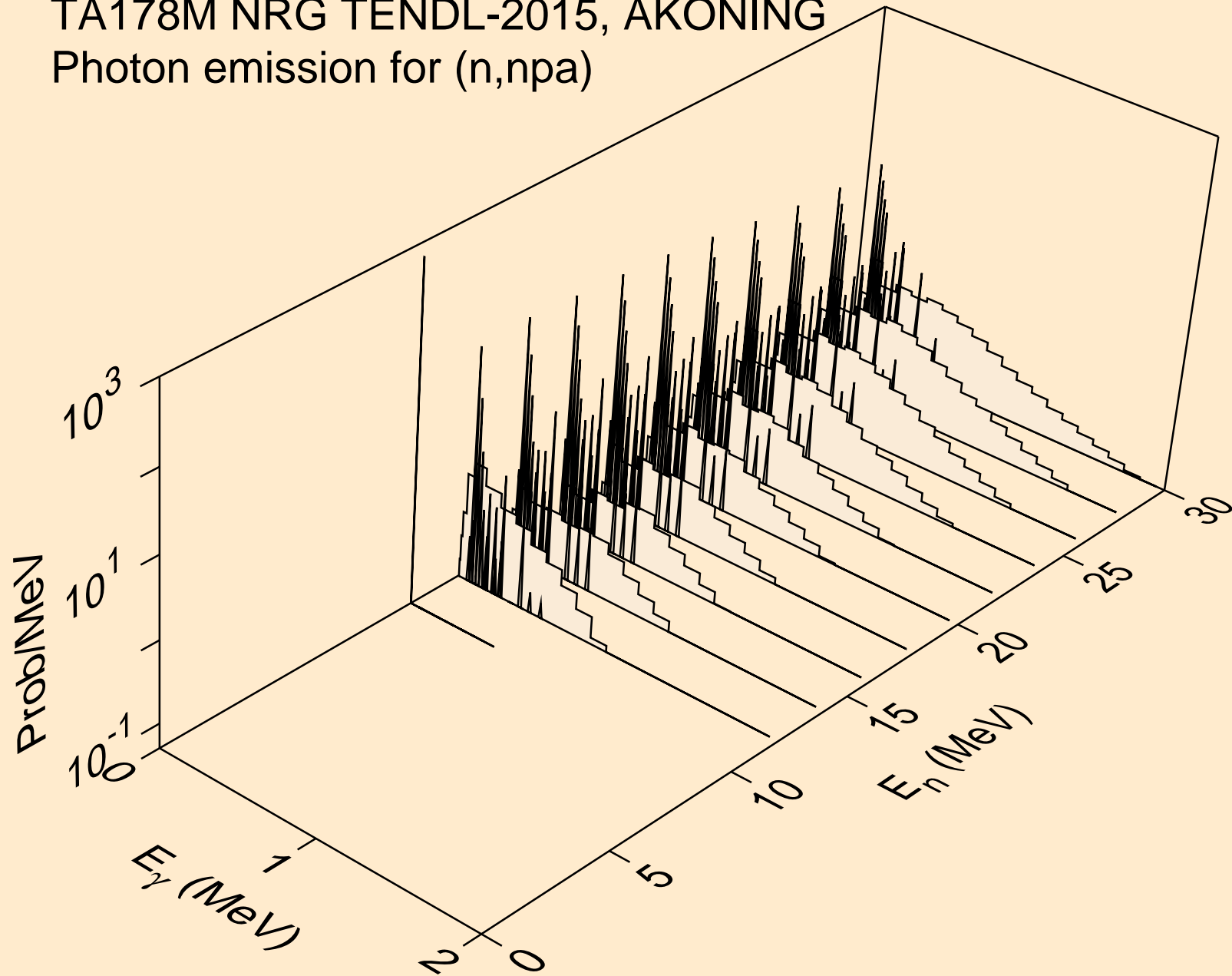
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

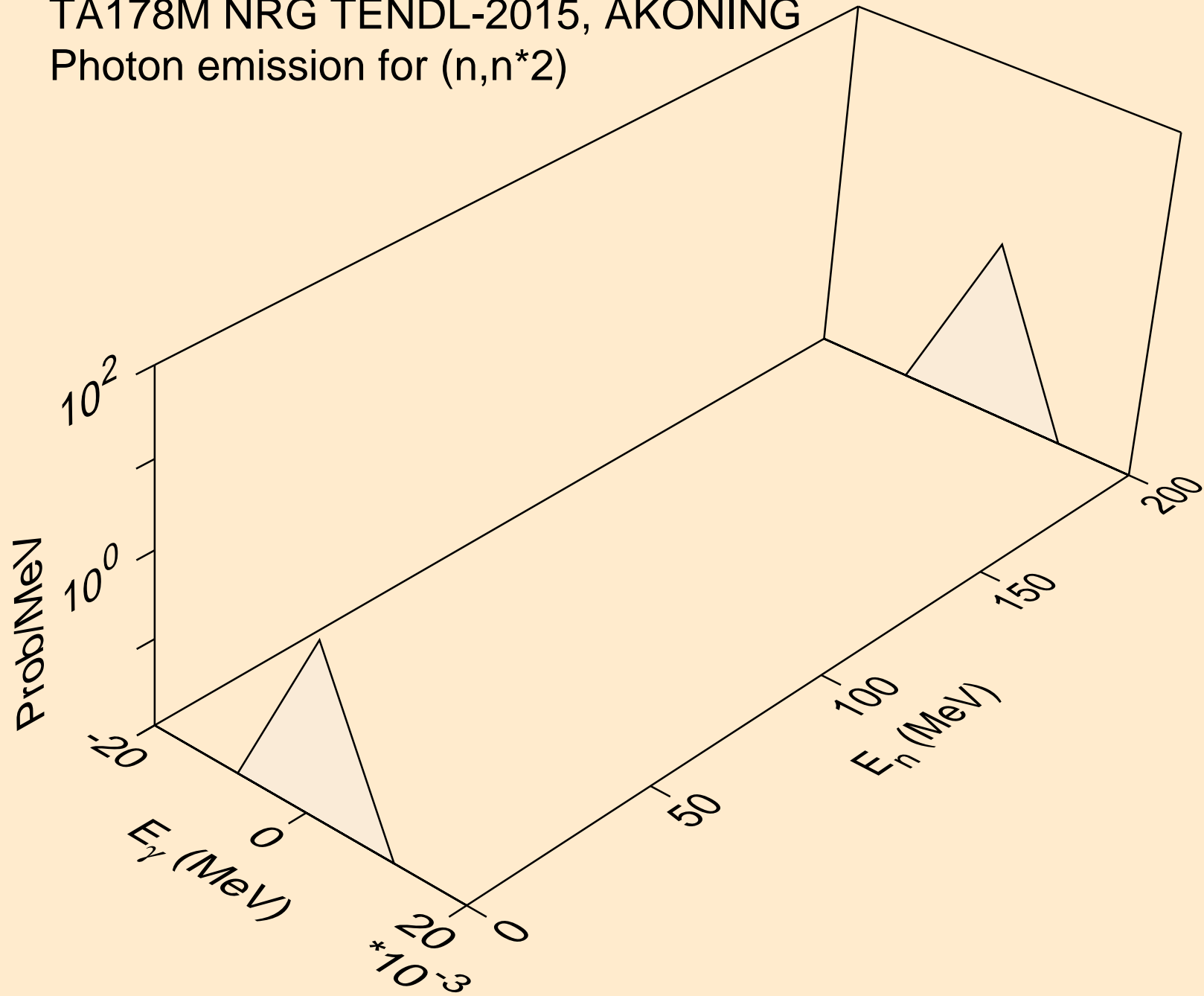


TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

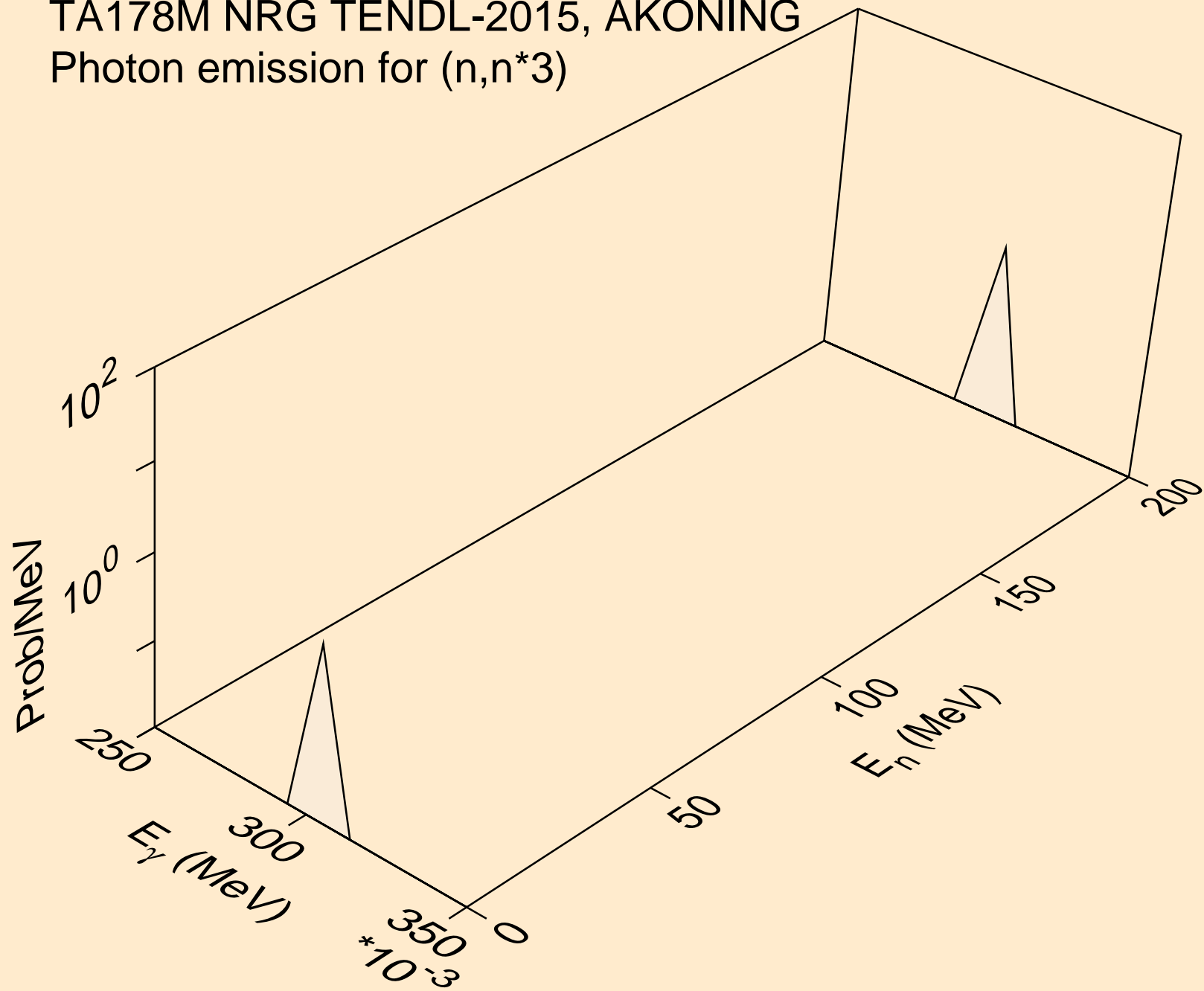




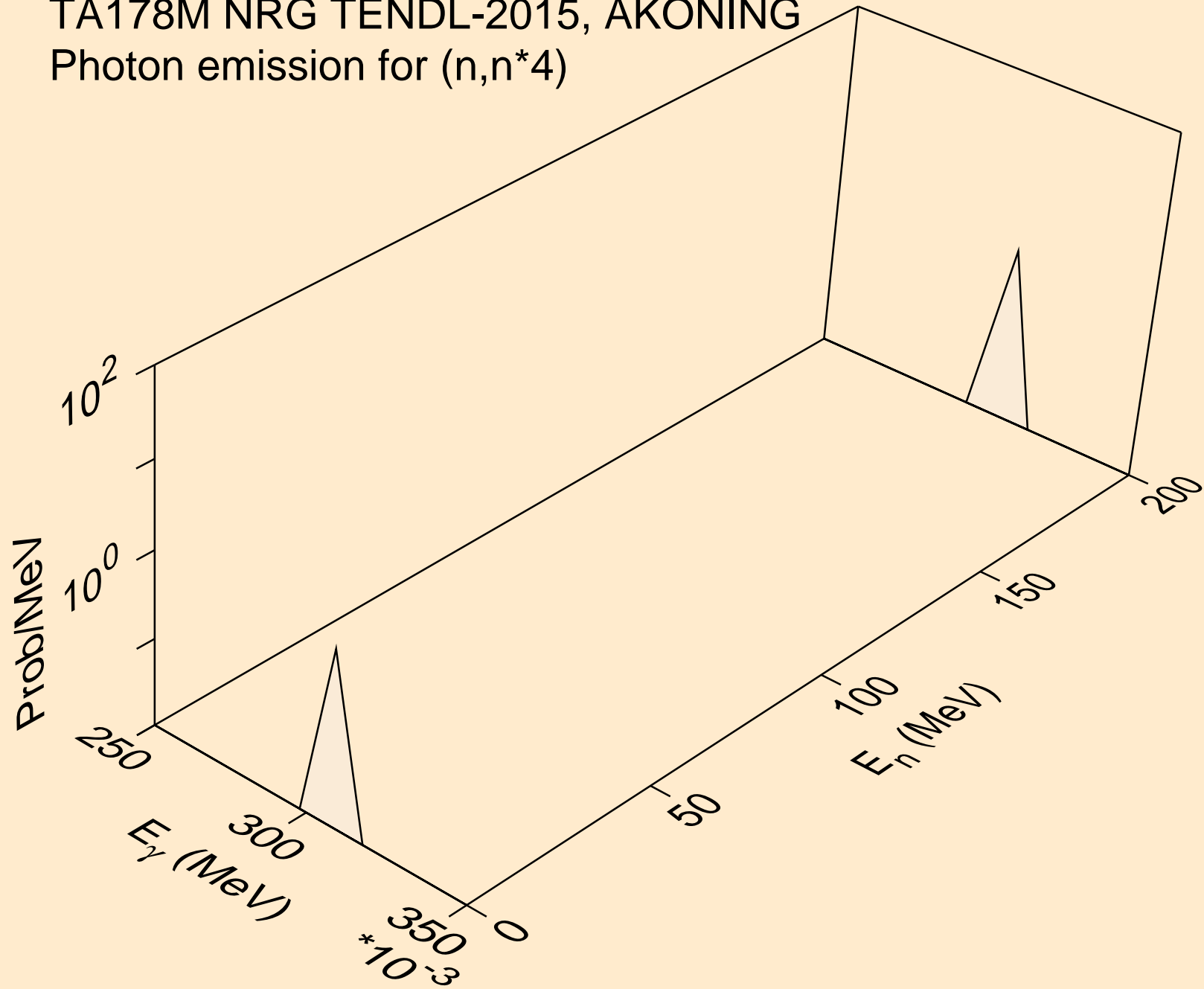
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



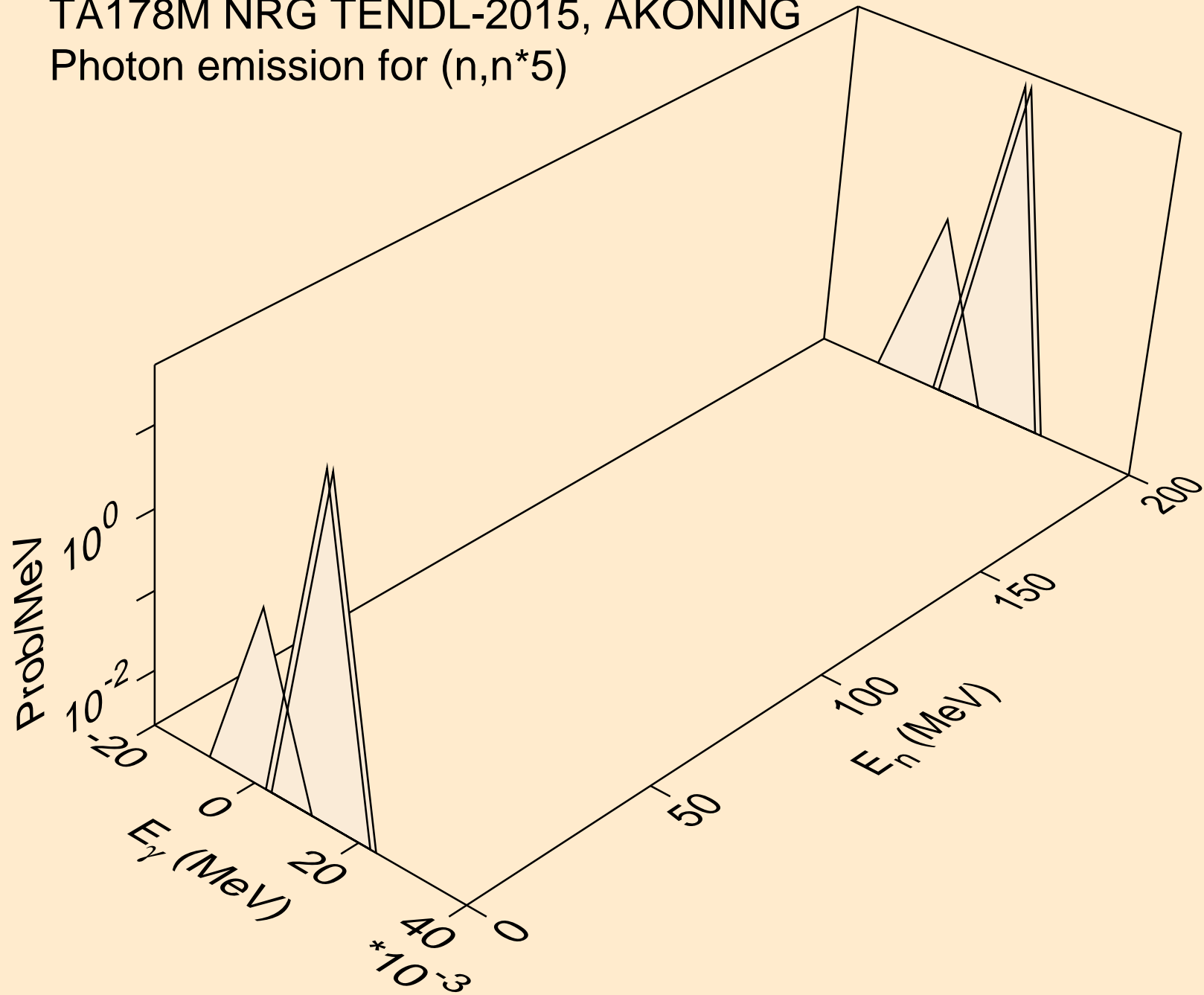
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



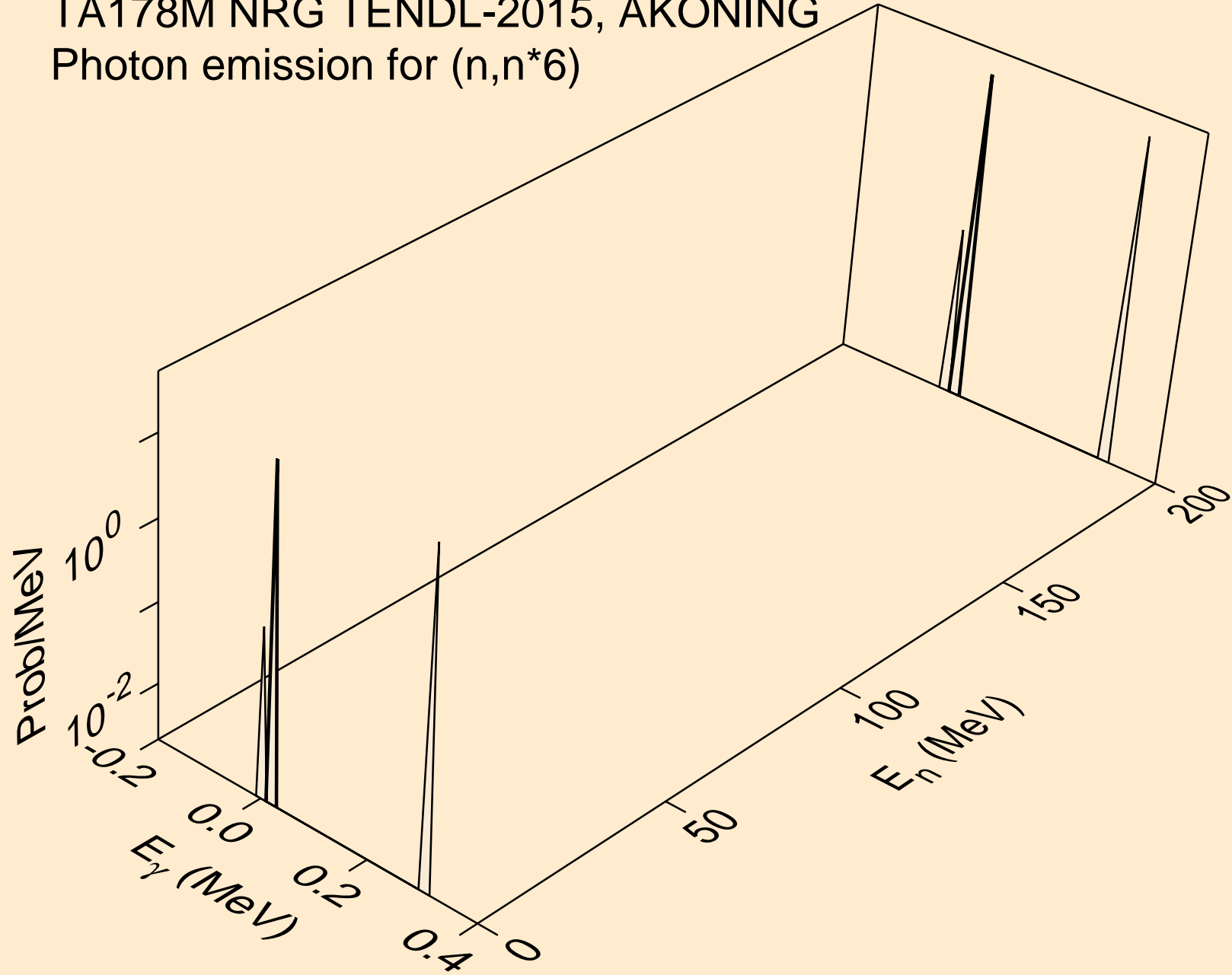
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



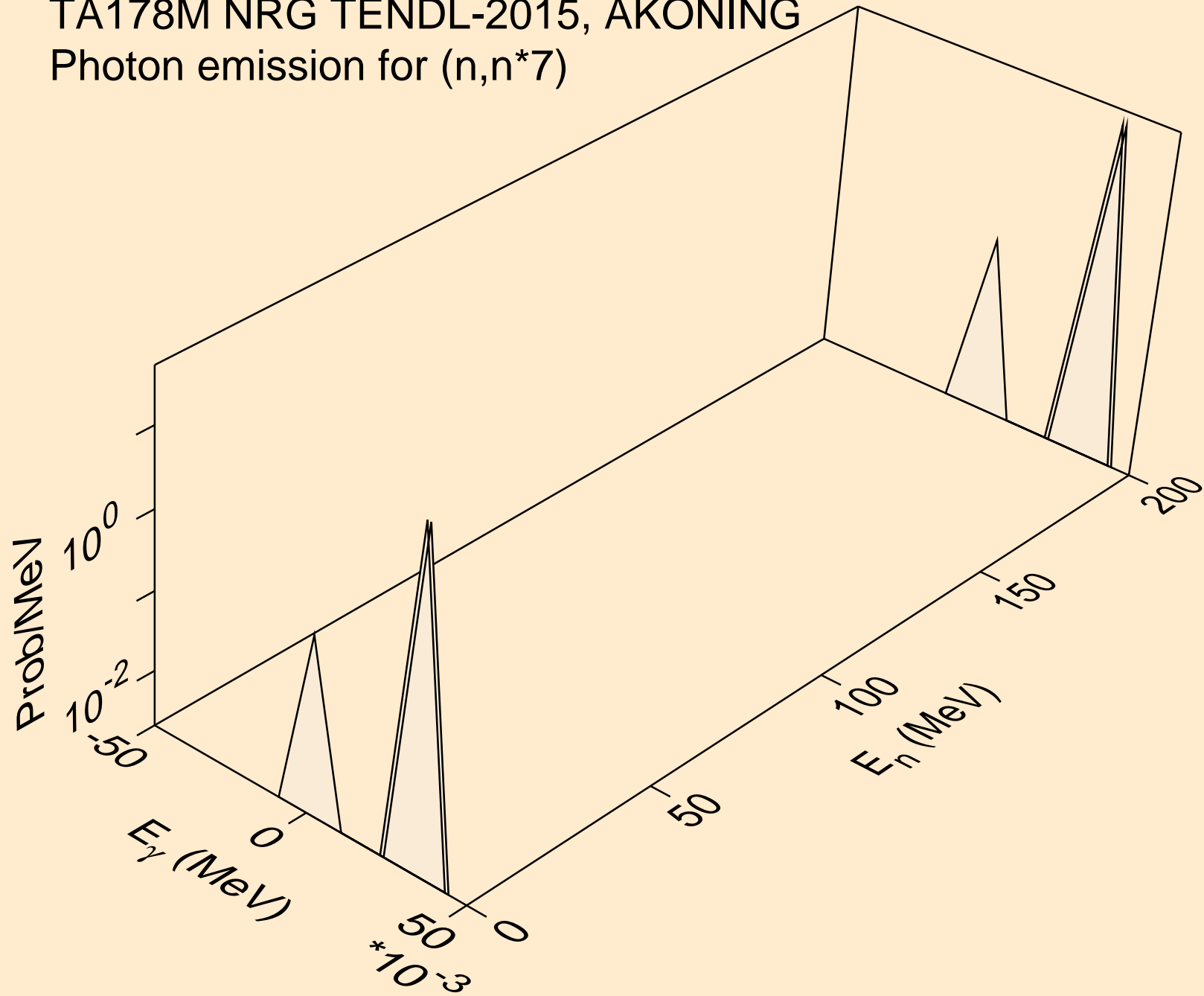
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



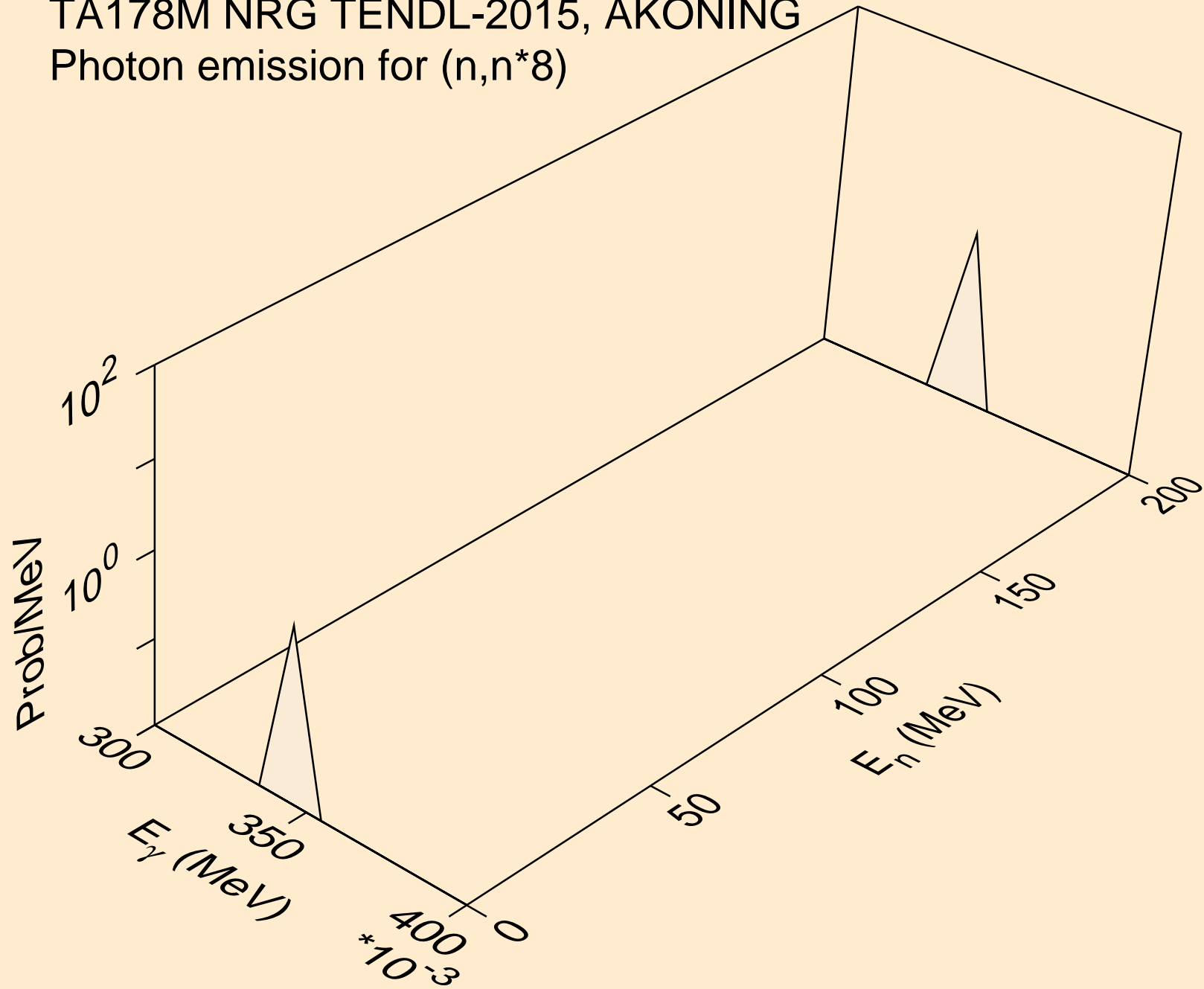
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



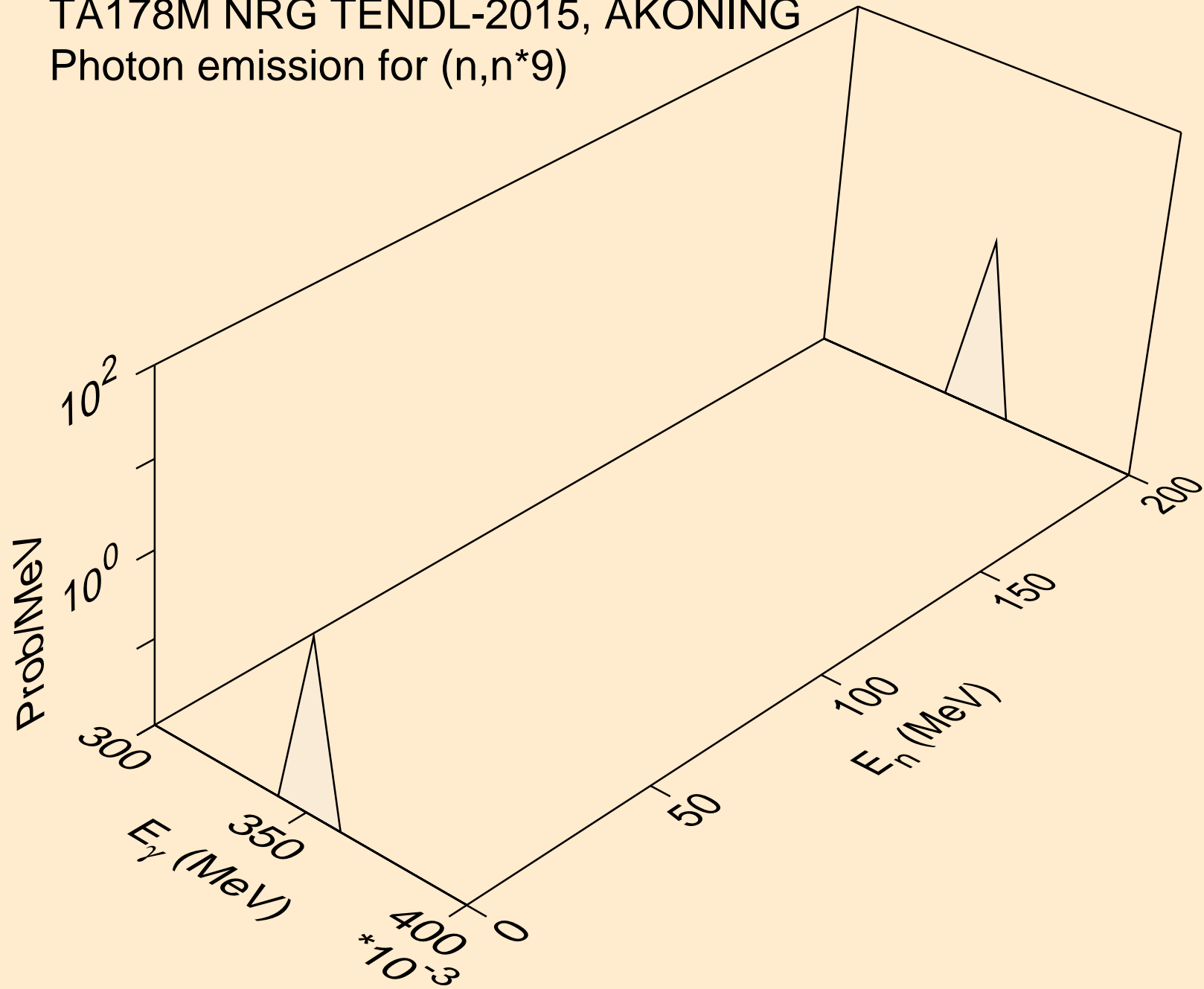
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)

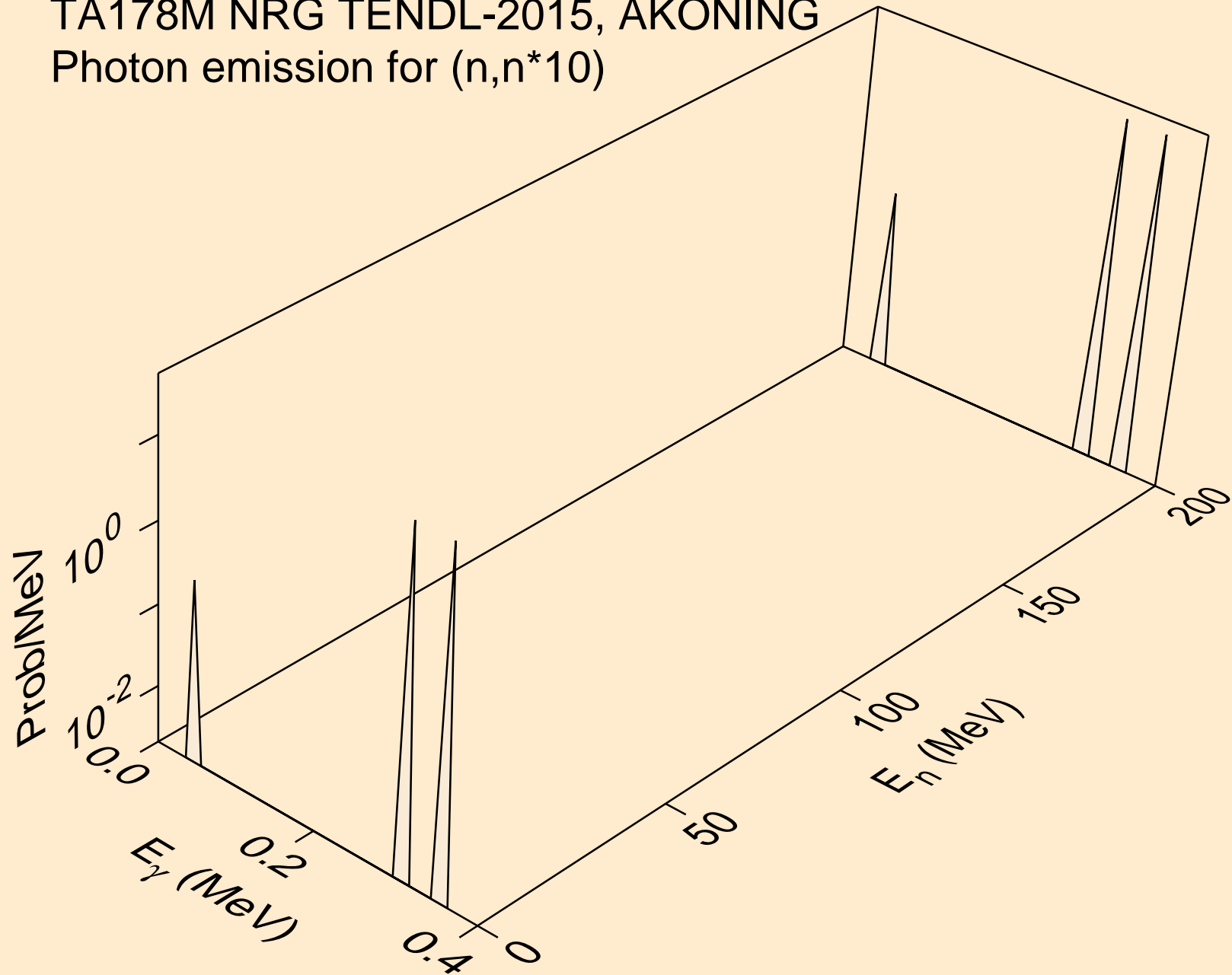


TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)

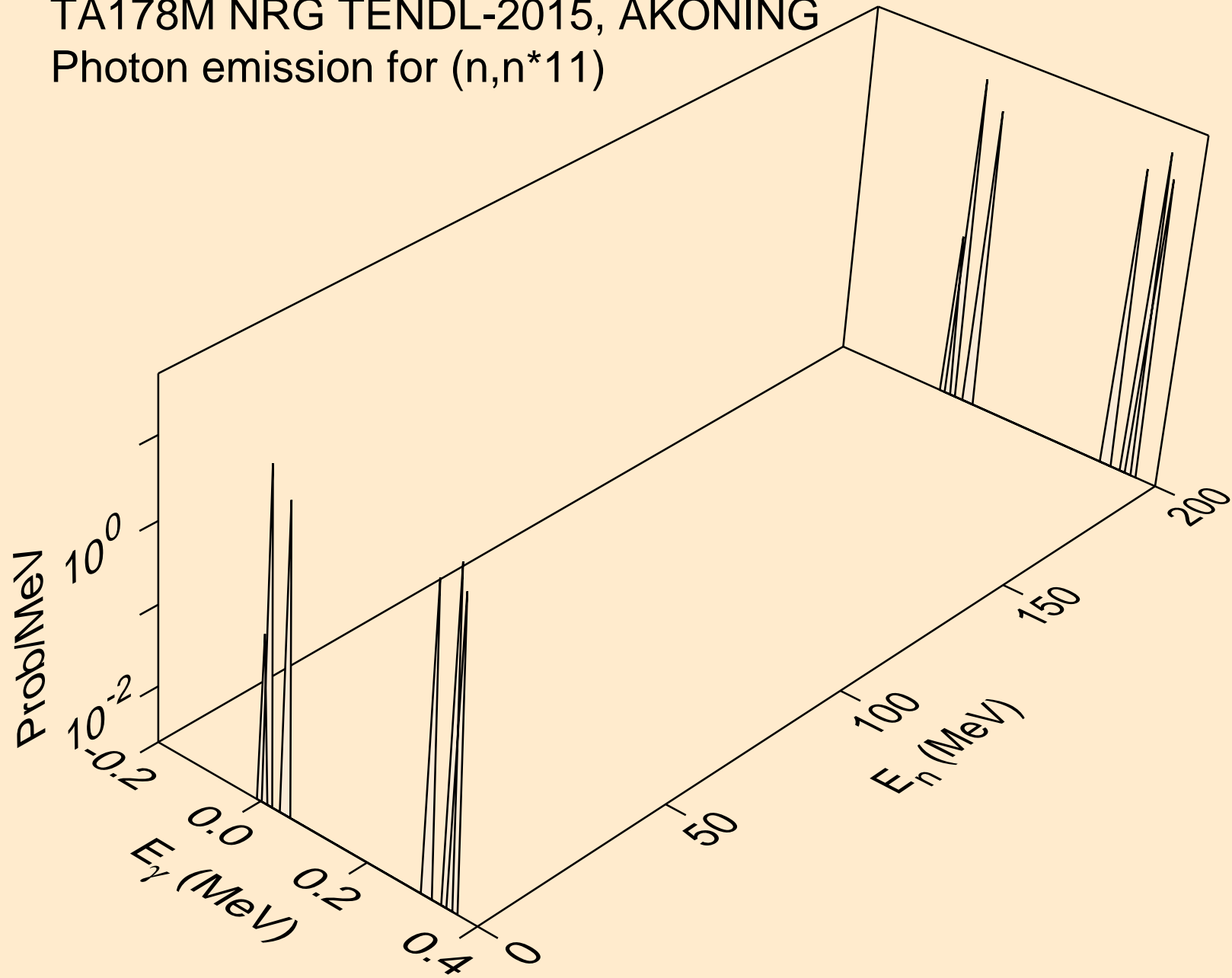




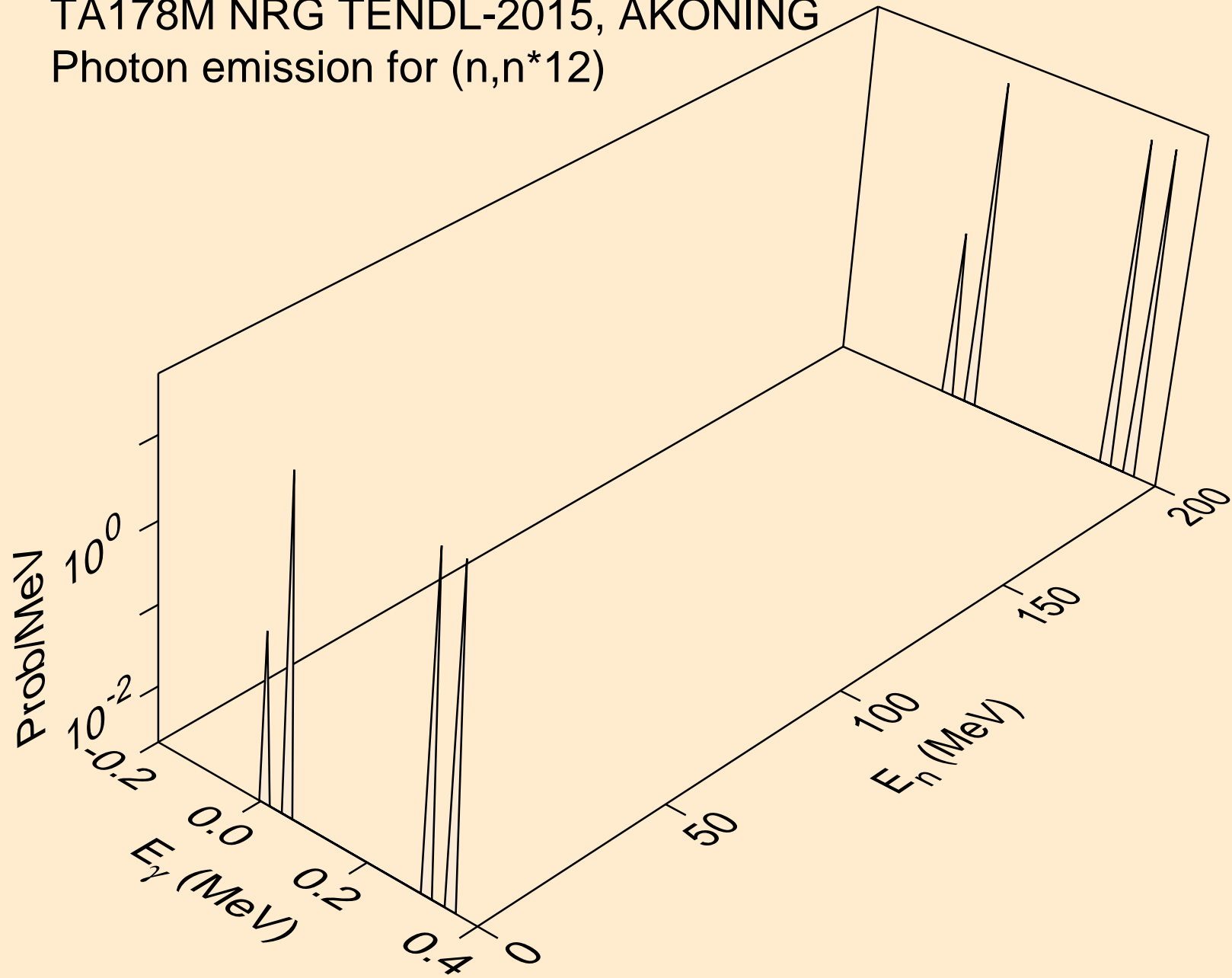
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



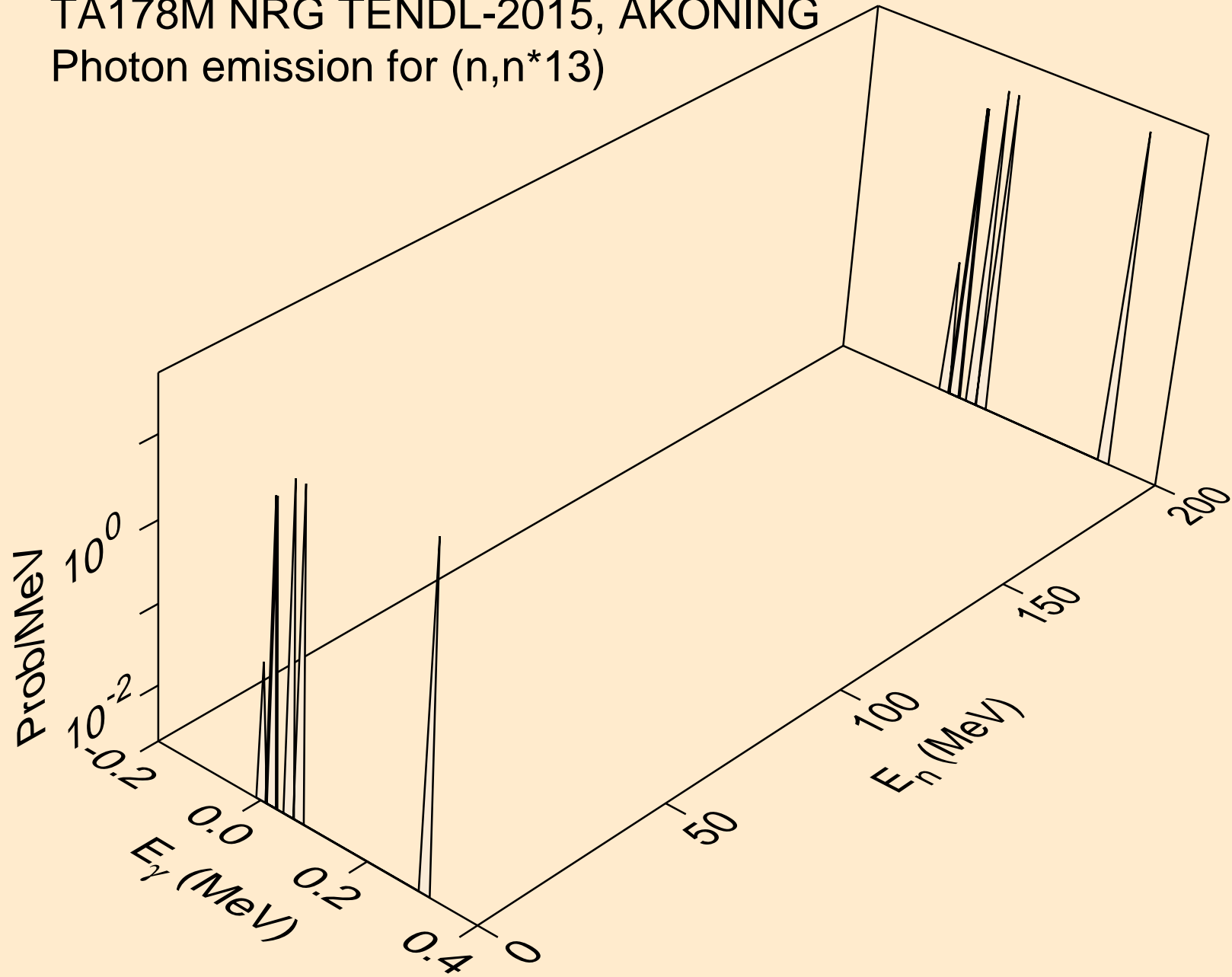
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)



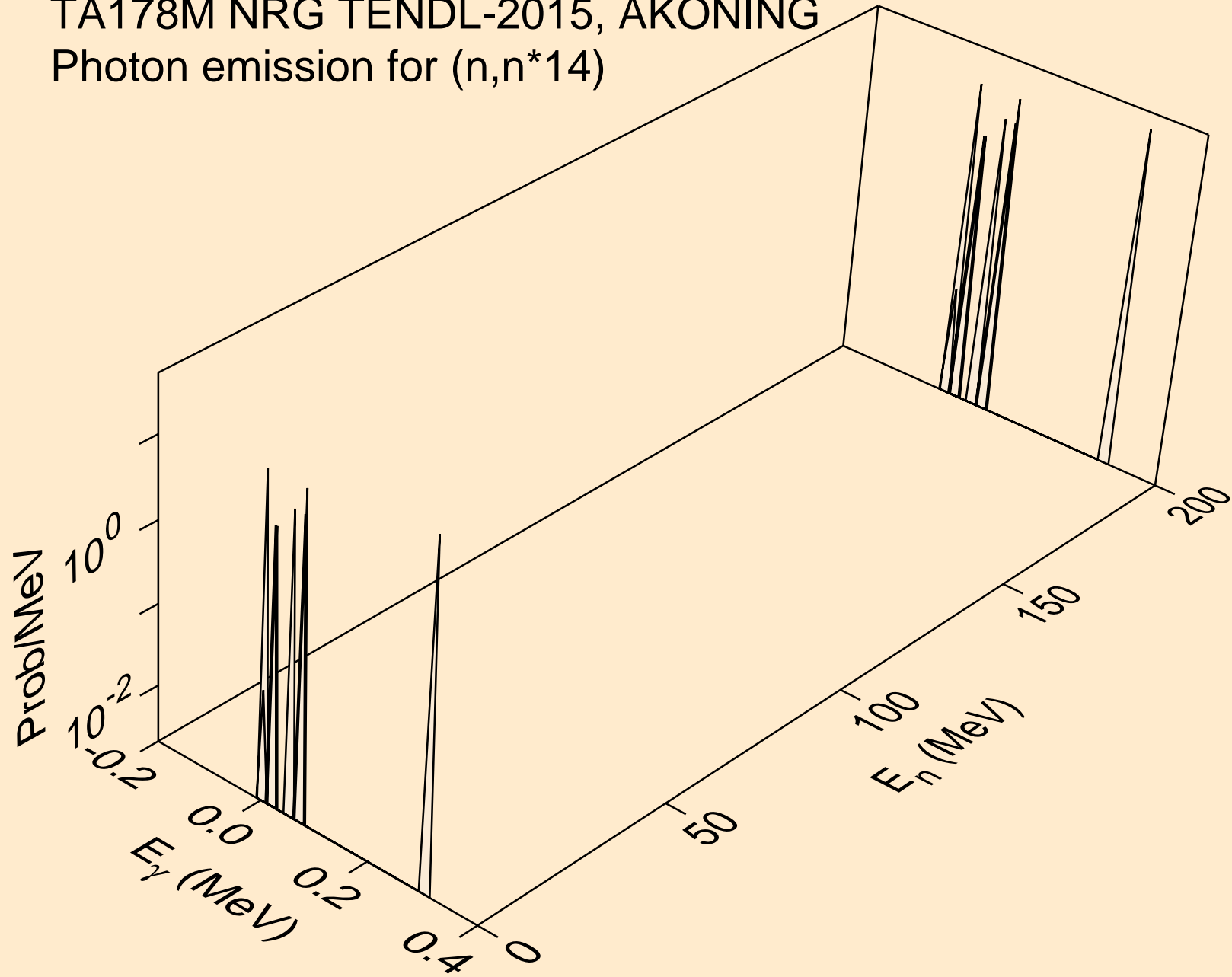
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*12)



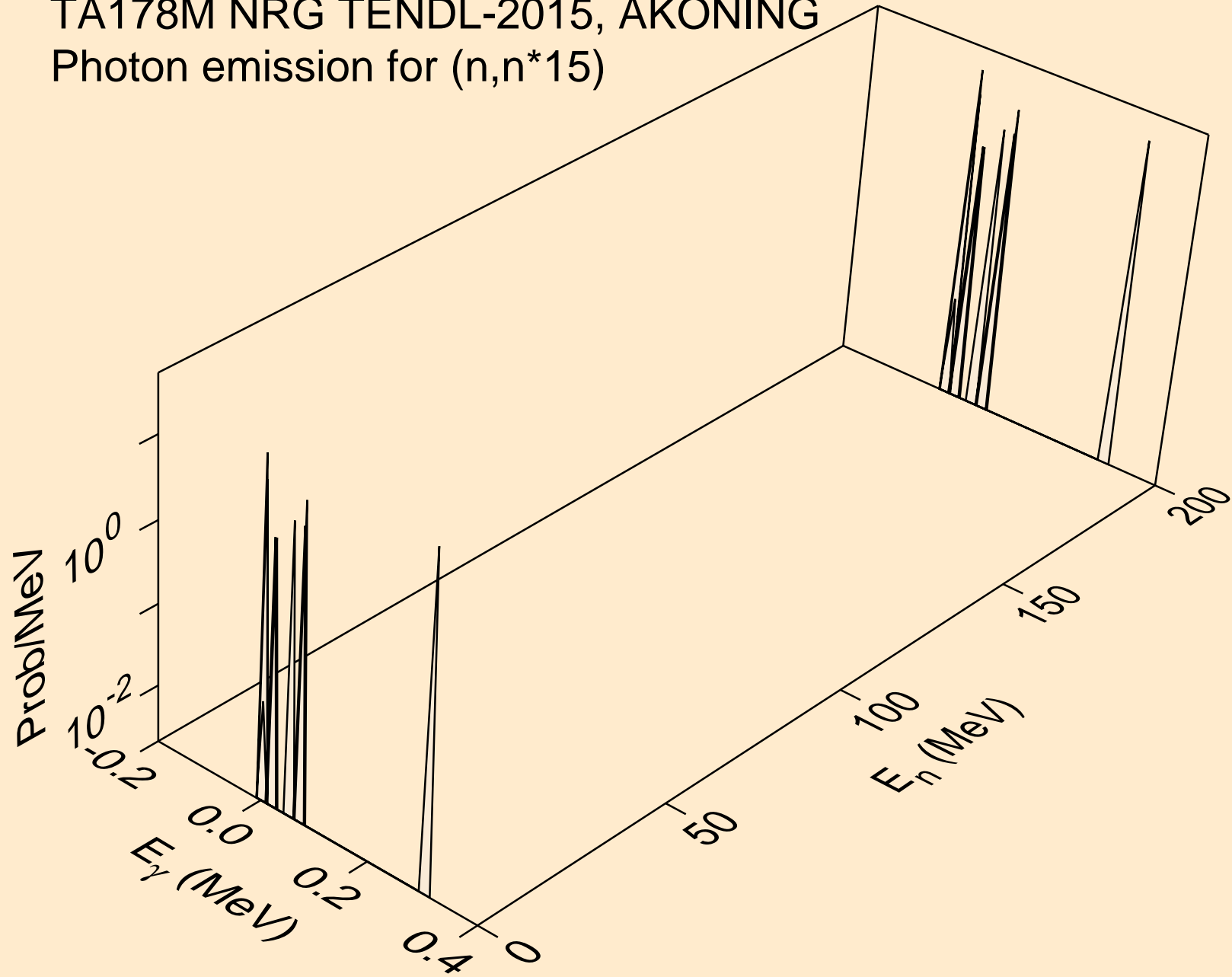
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)



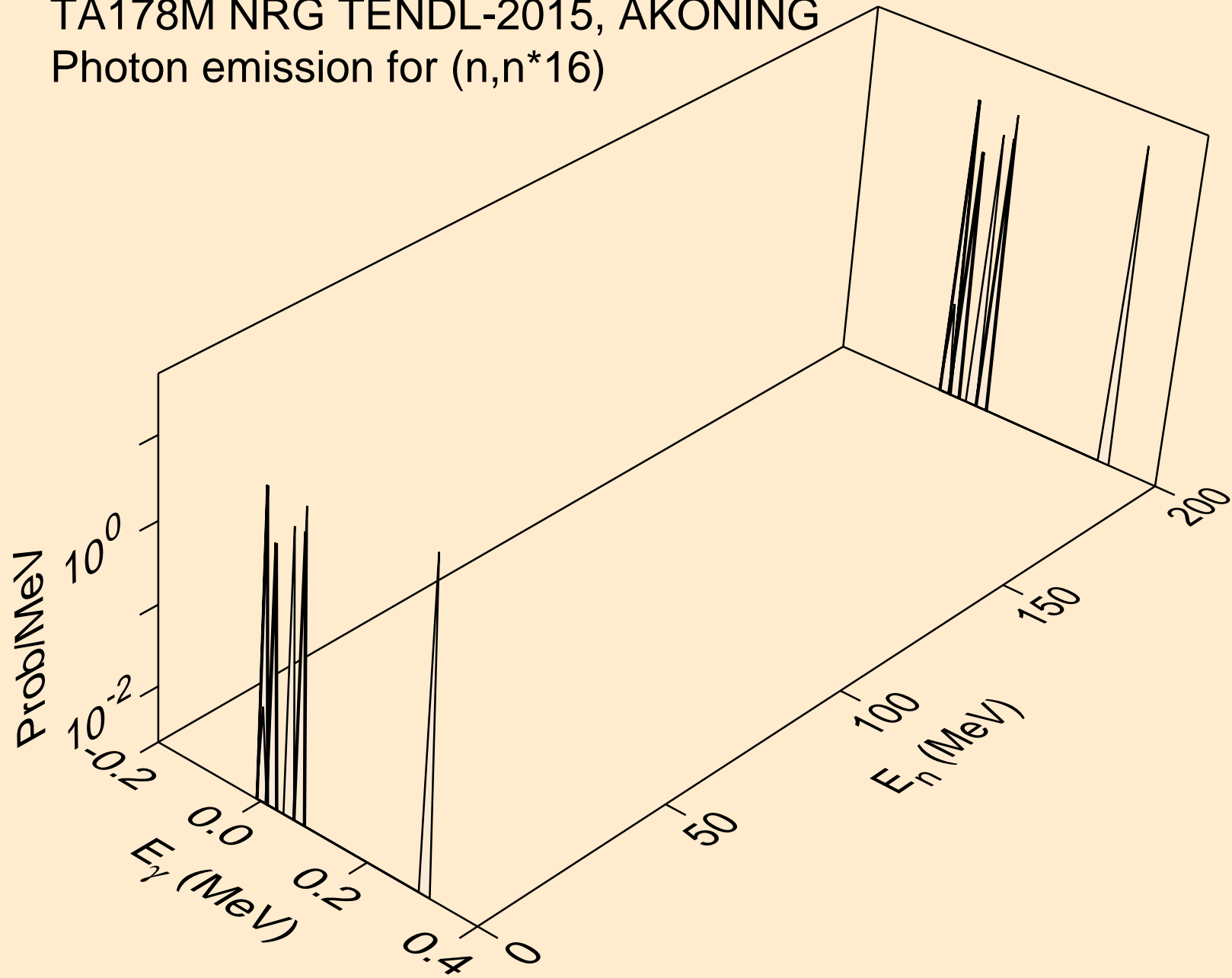
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)



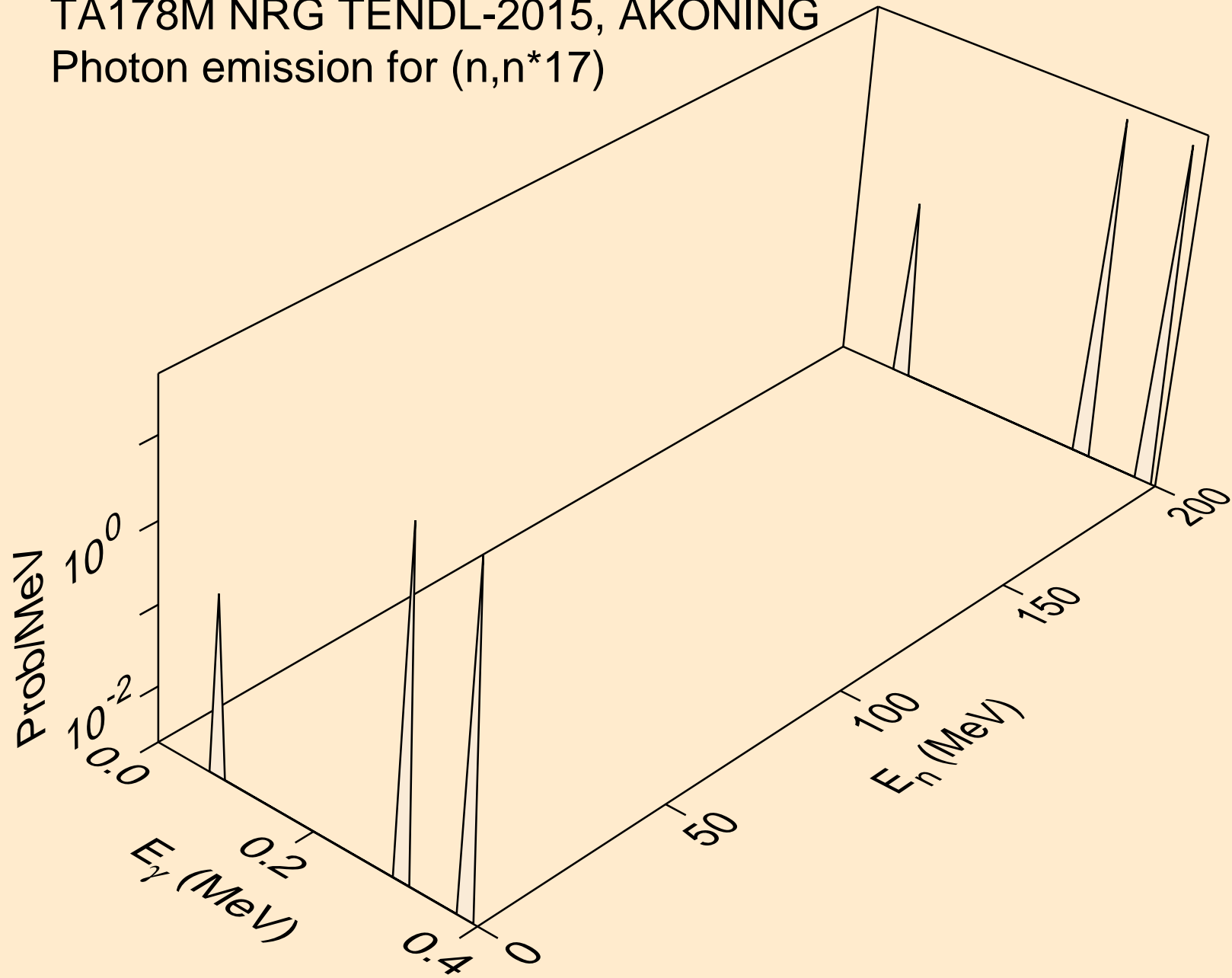
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)



TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)

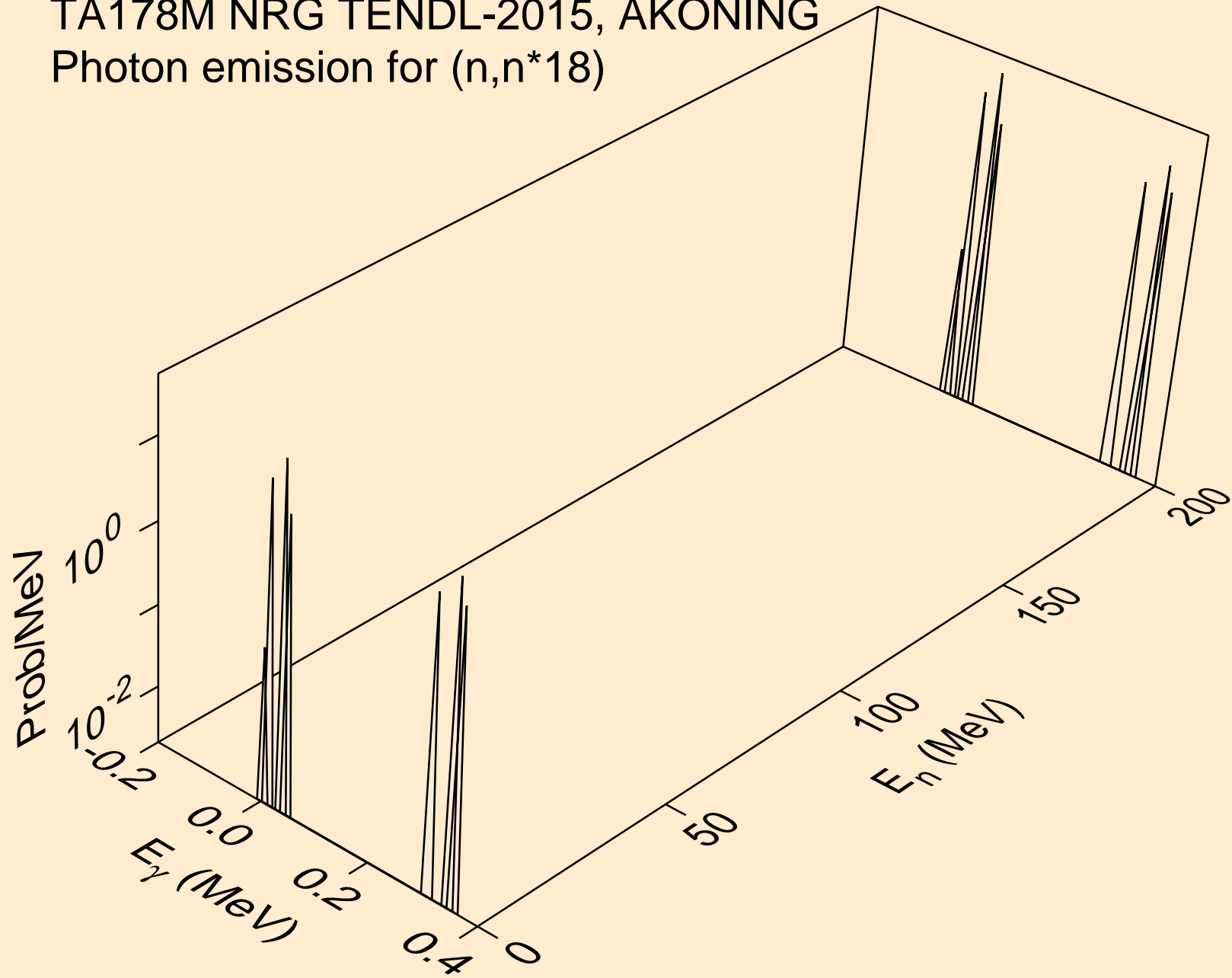


TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)

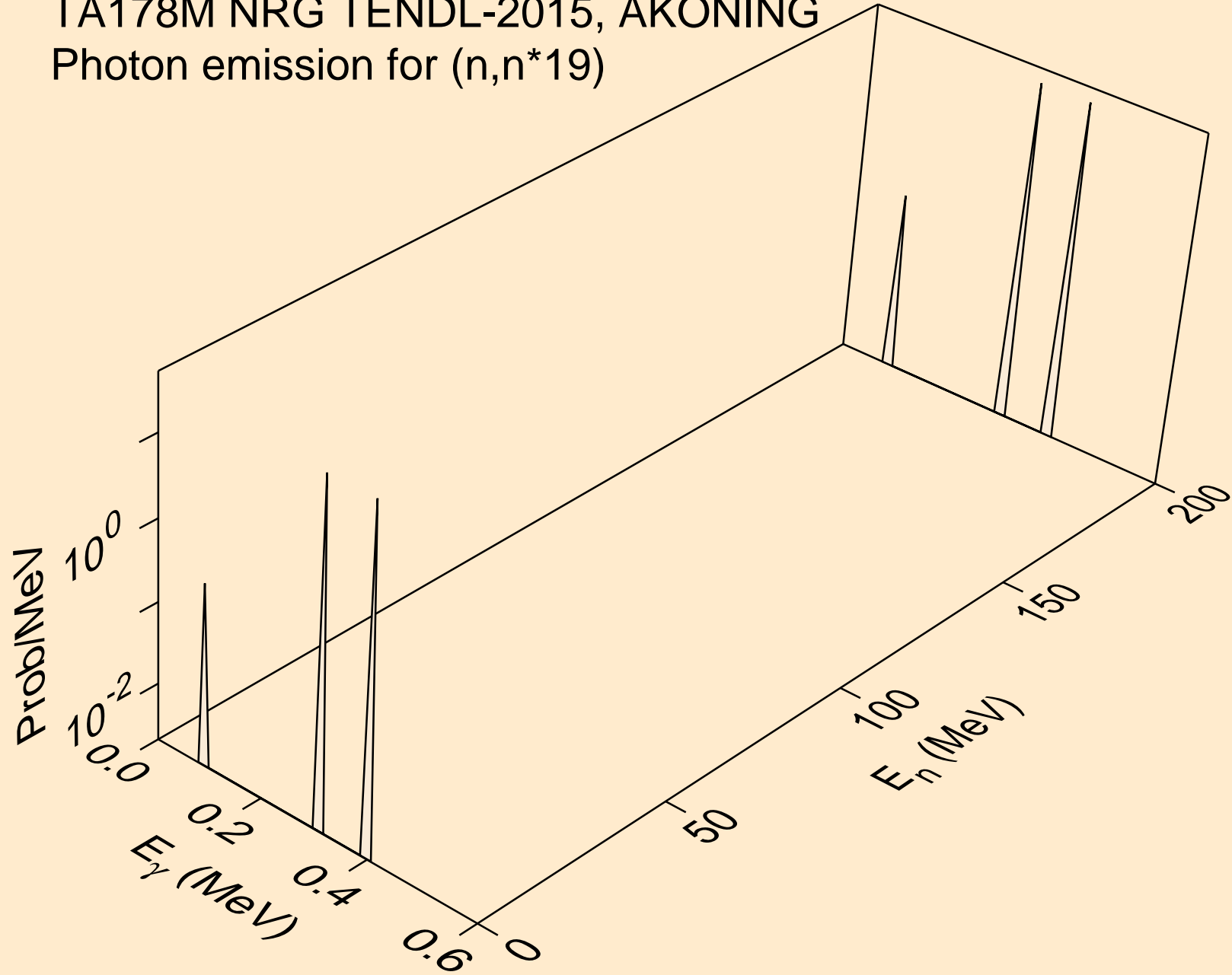




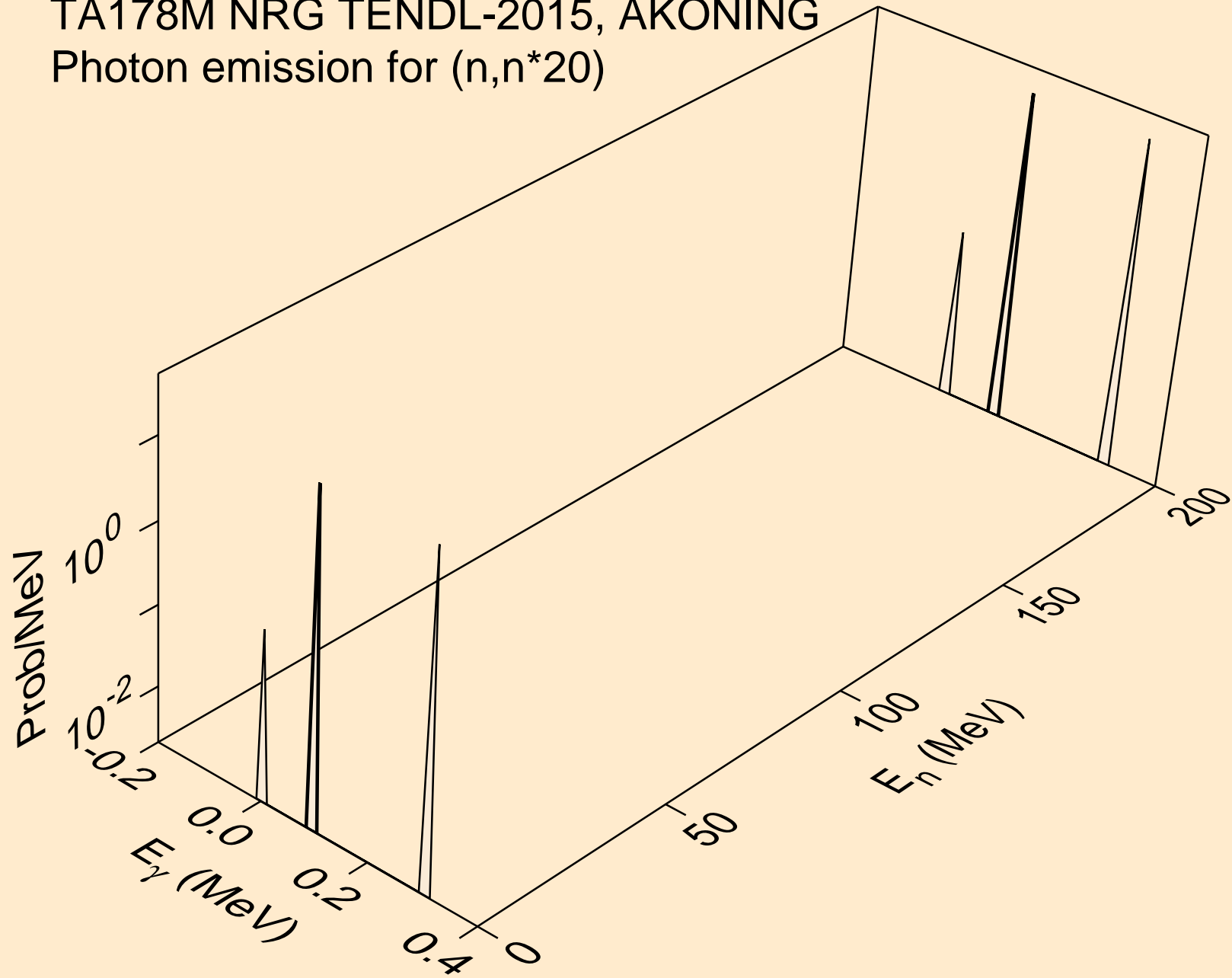
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



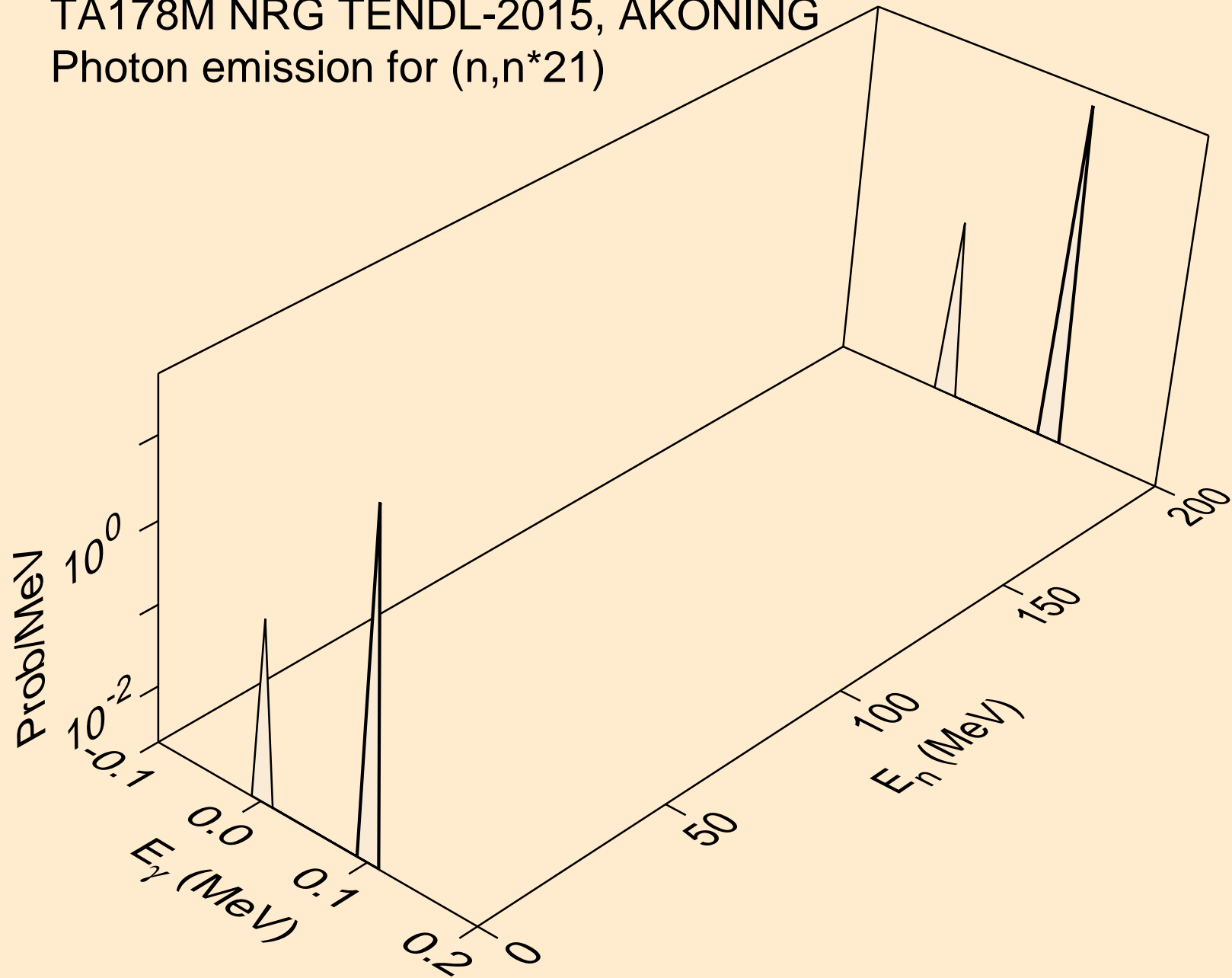
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)



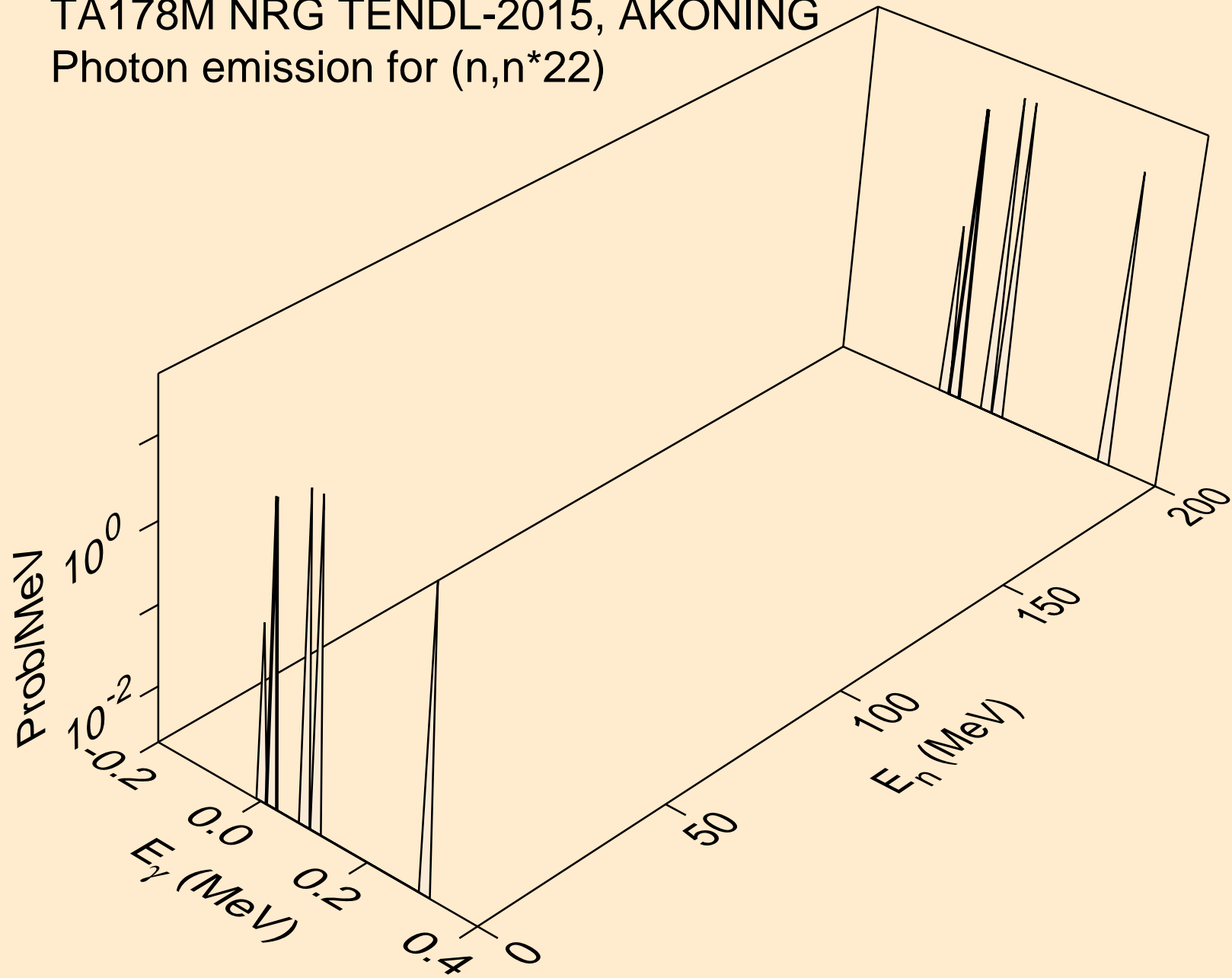
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)



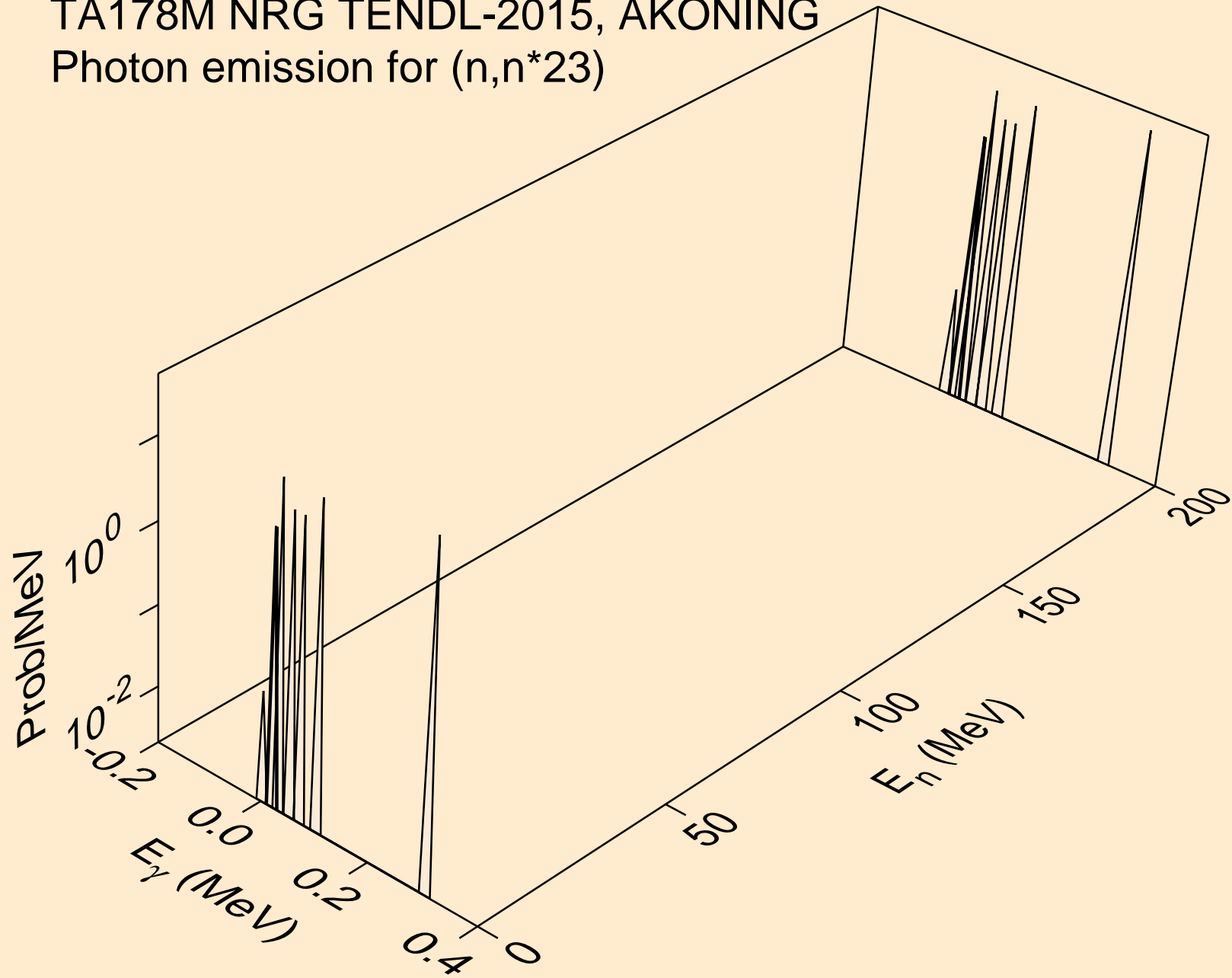
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)



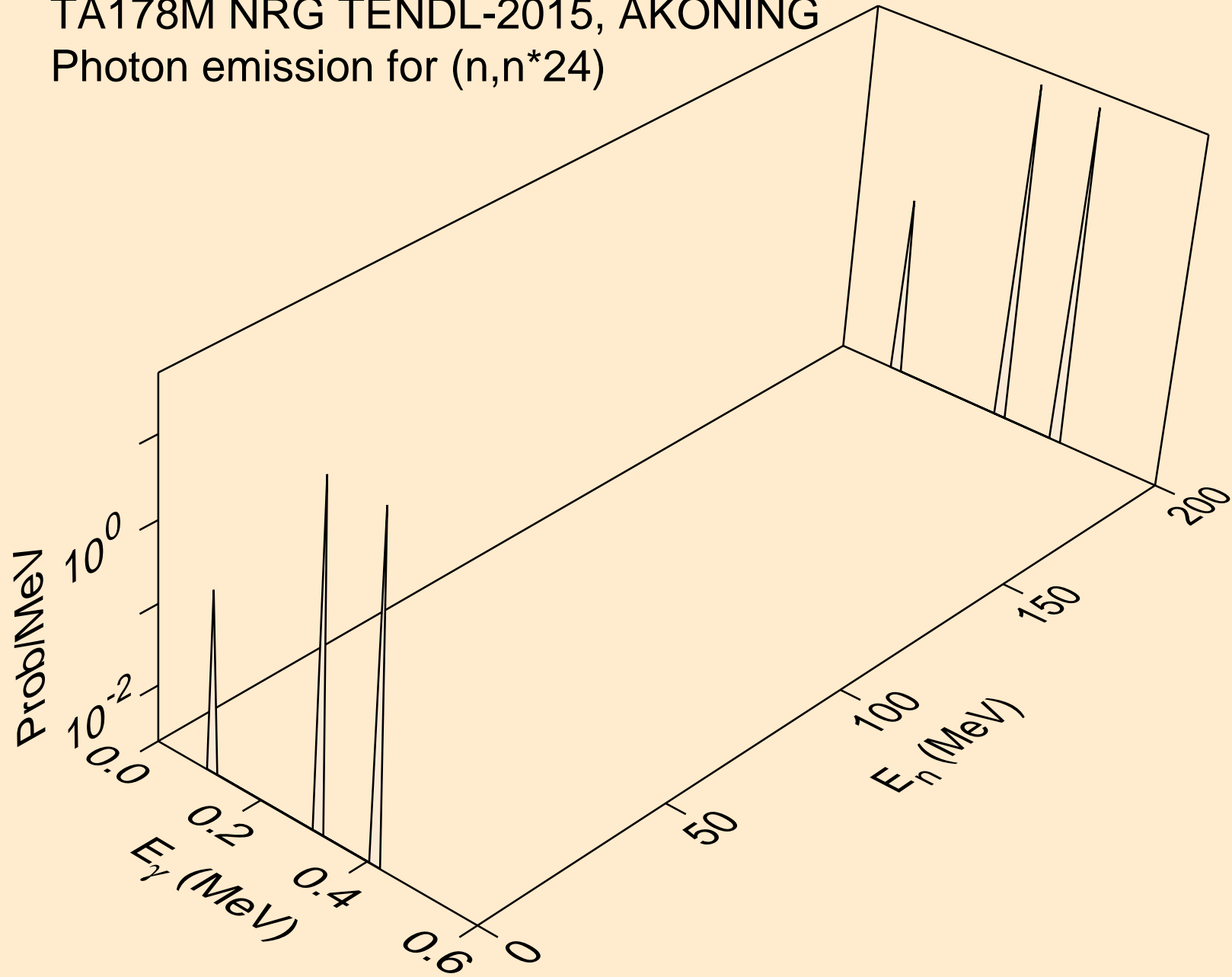
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)



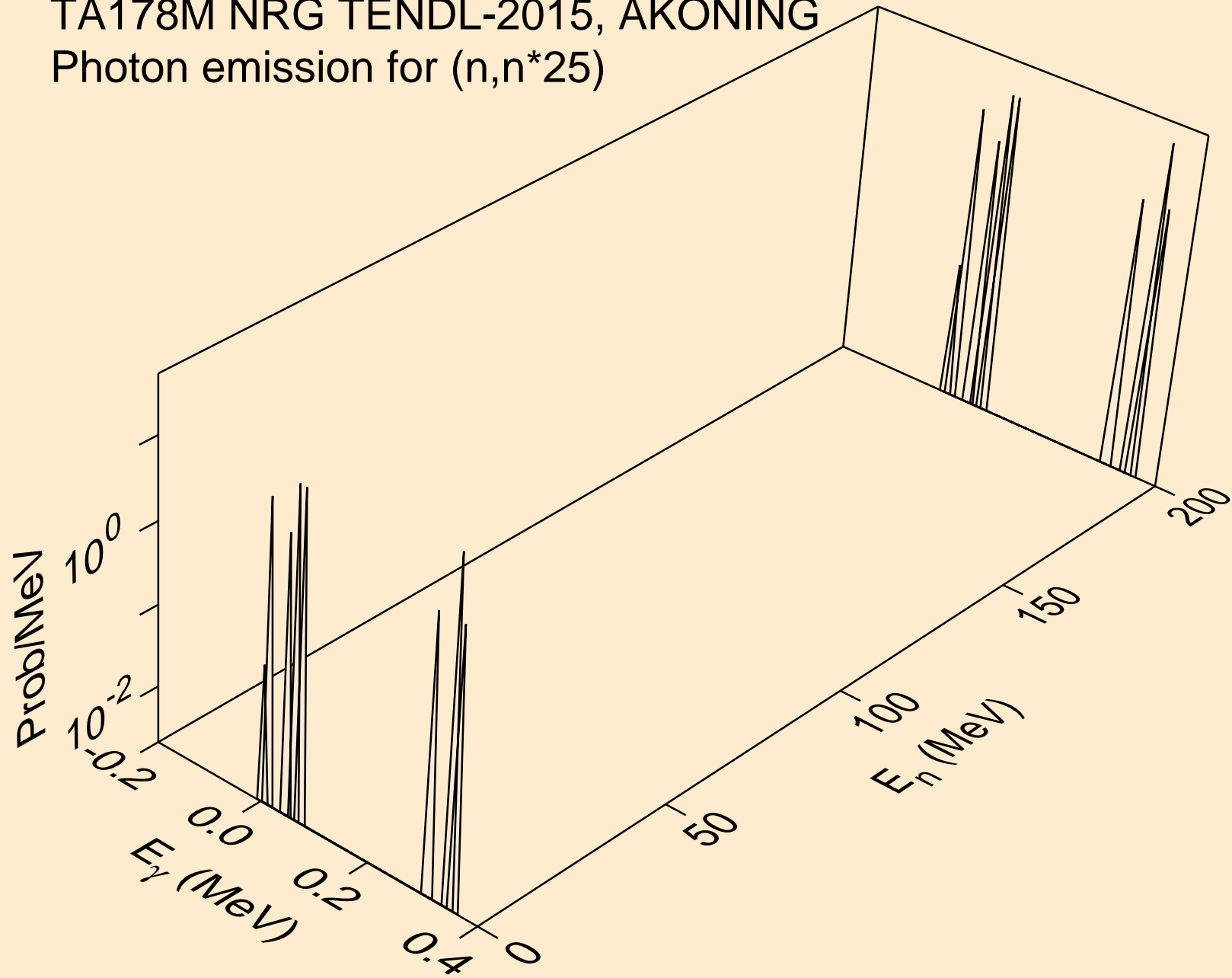
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)



TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)

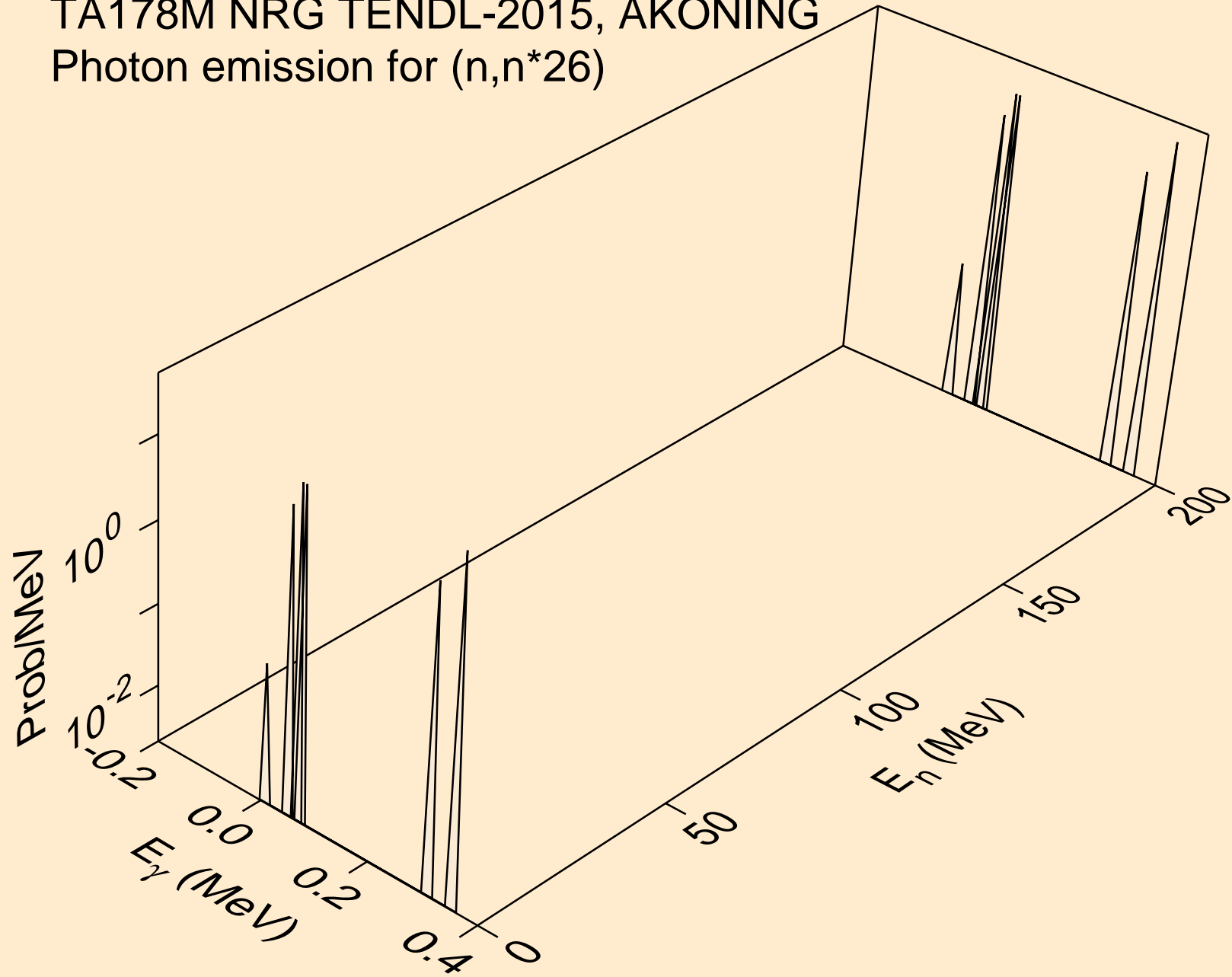


TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)

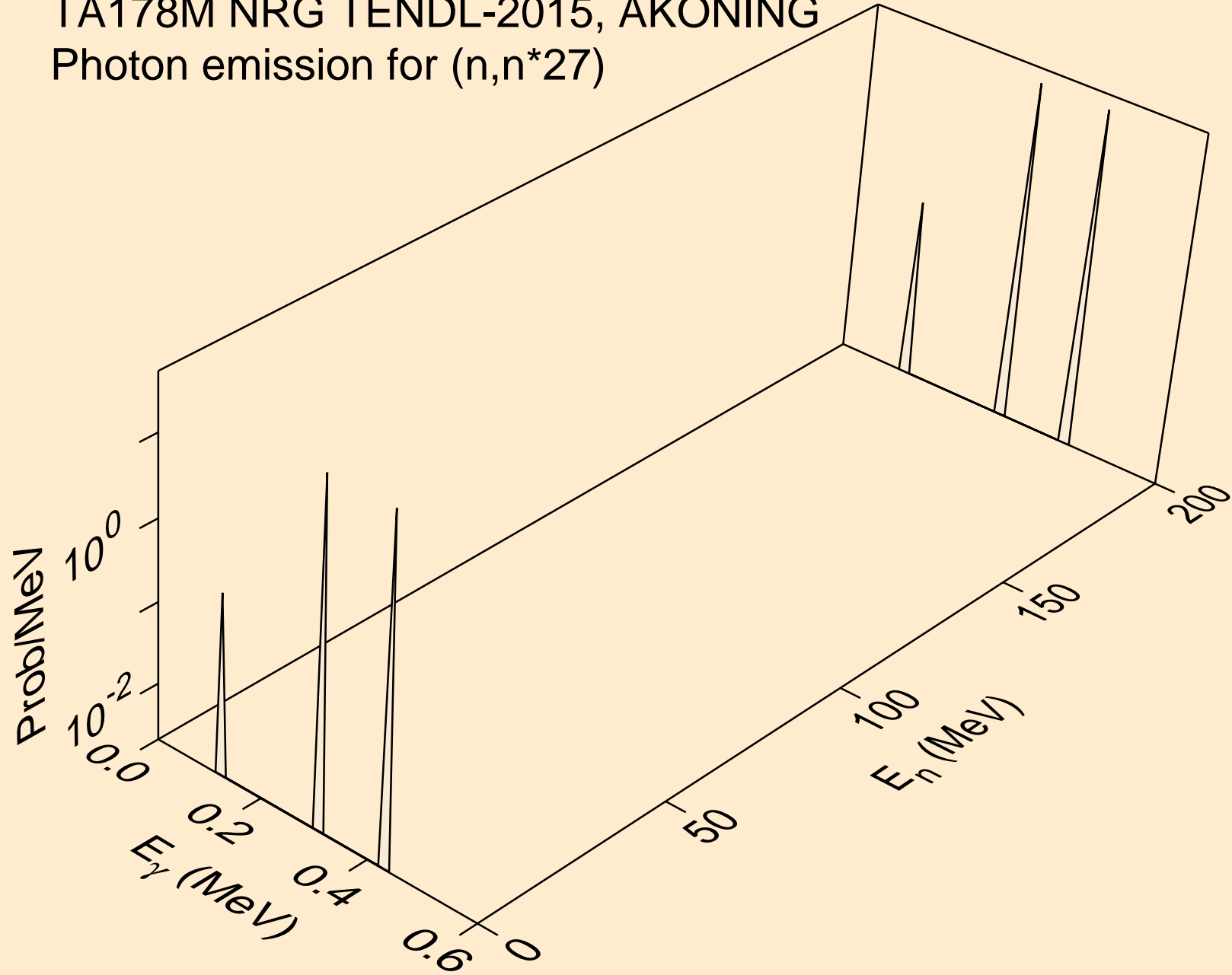




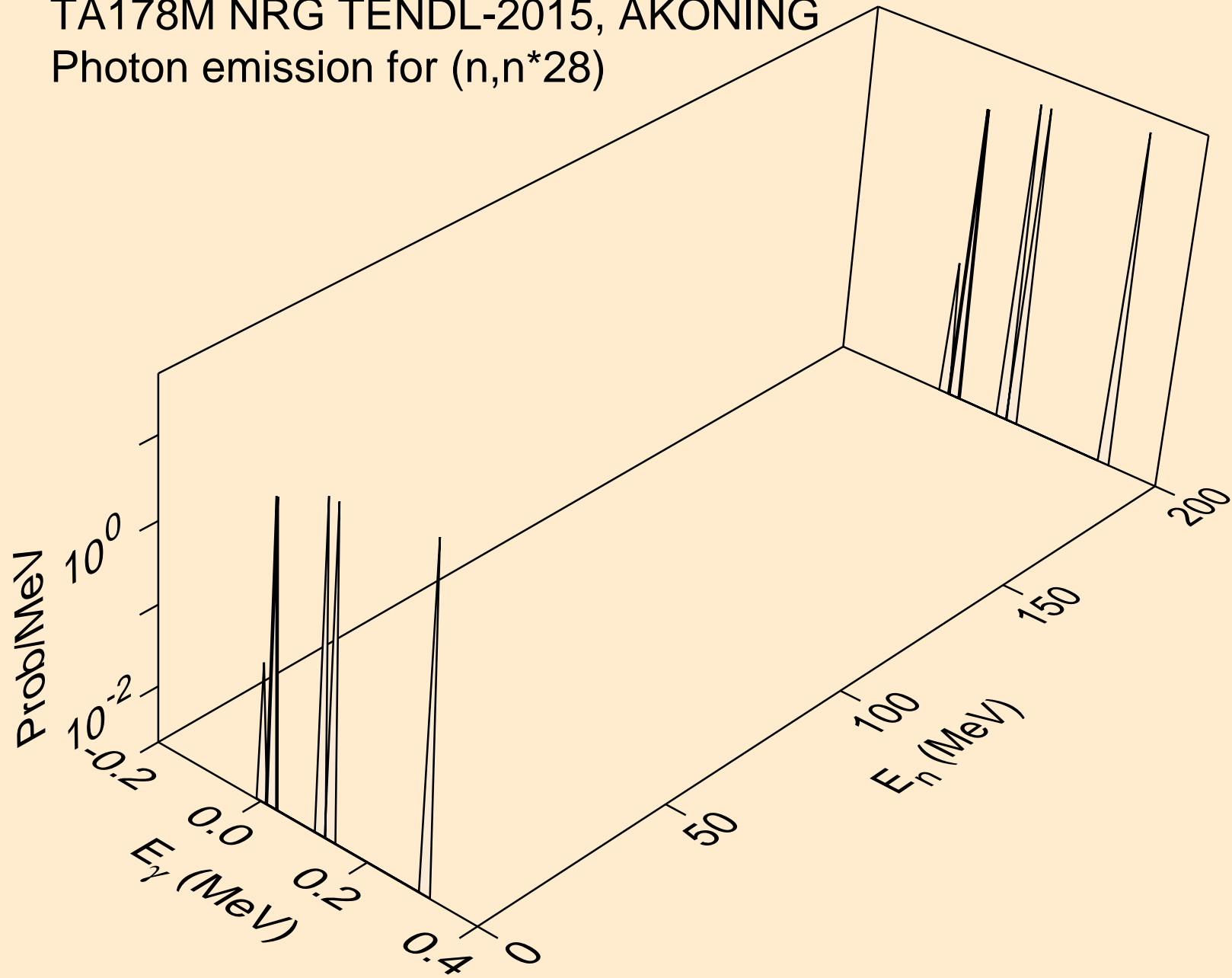
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)



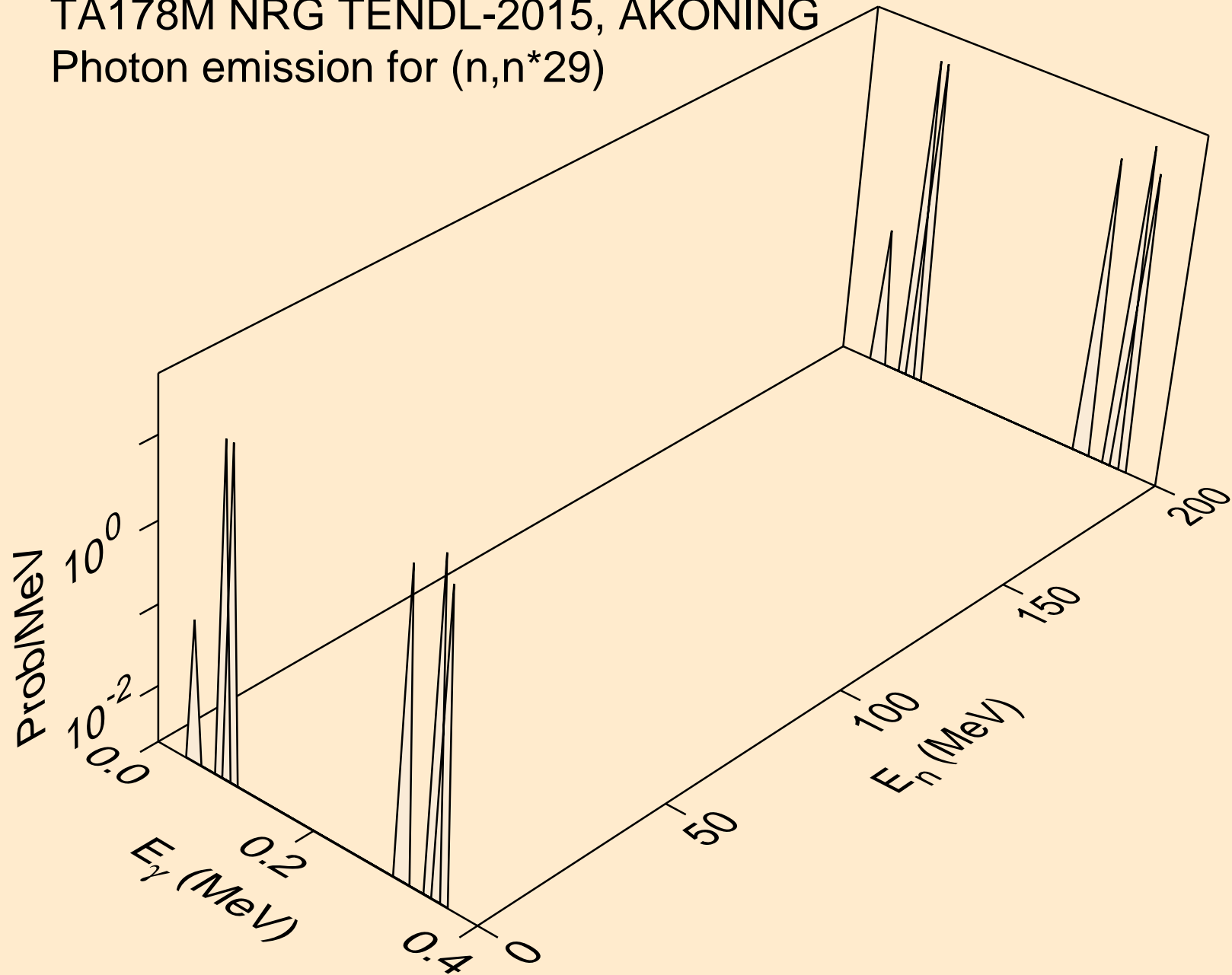
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)



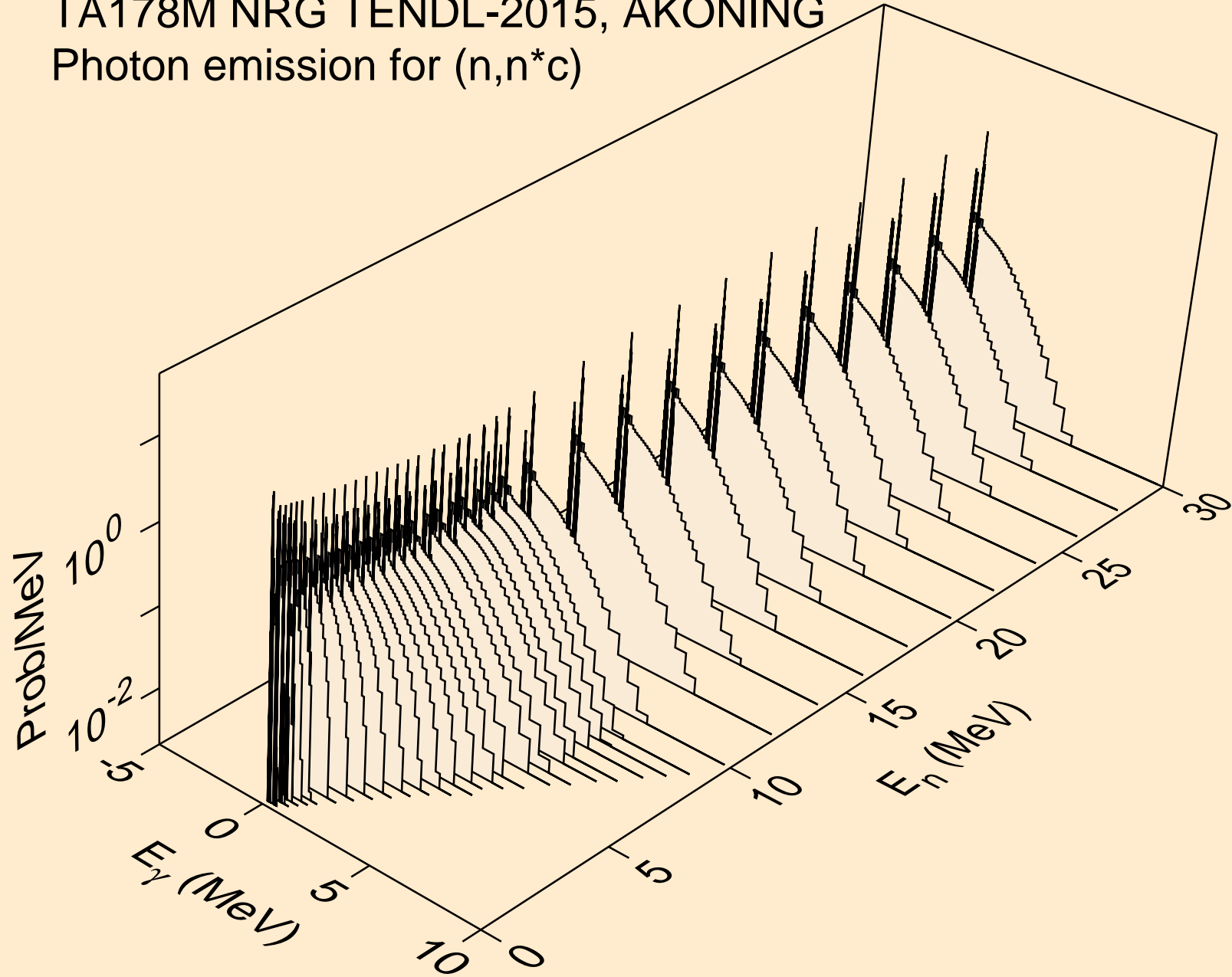
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)



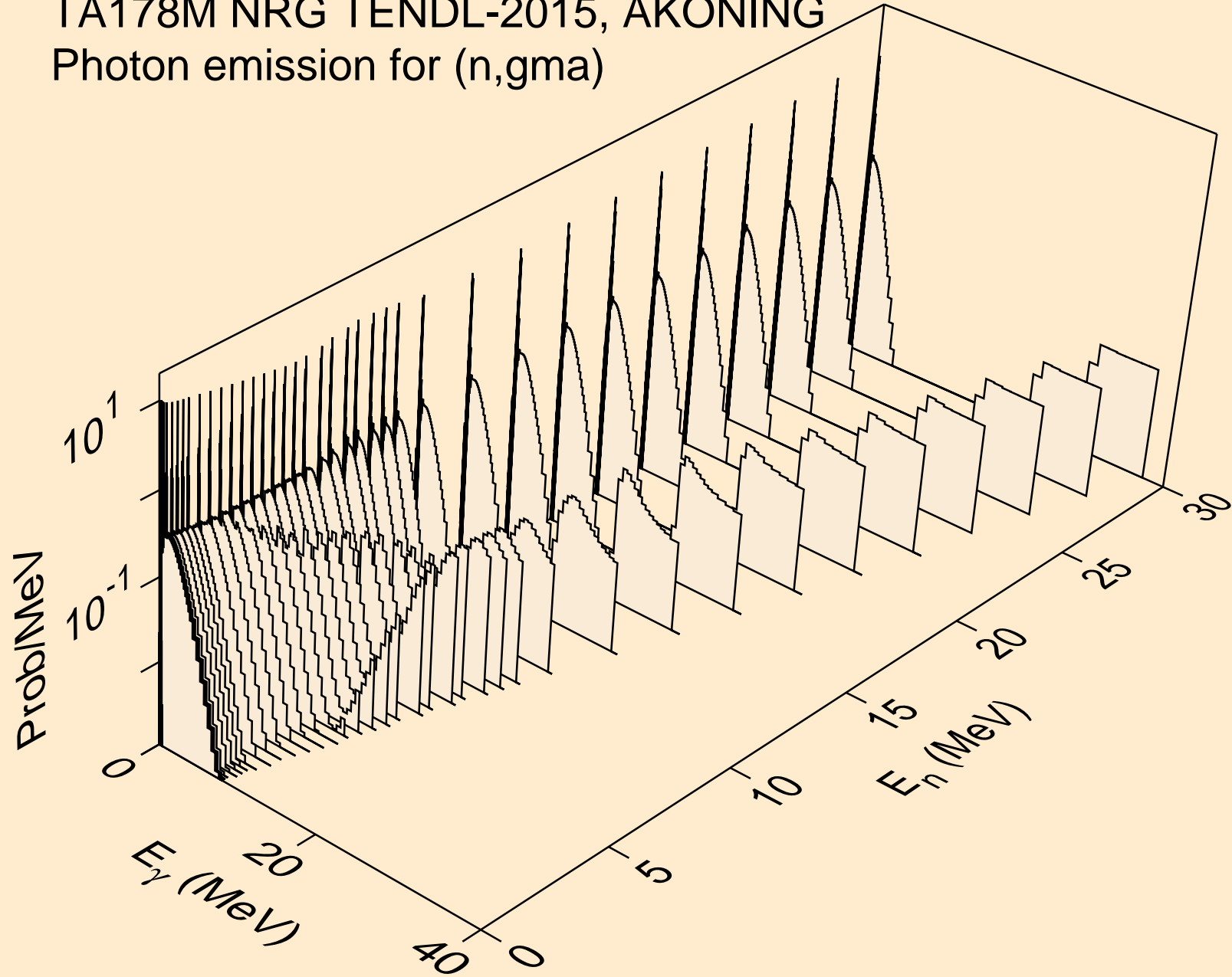
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)



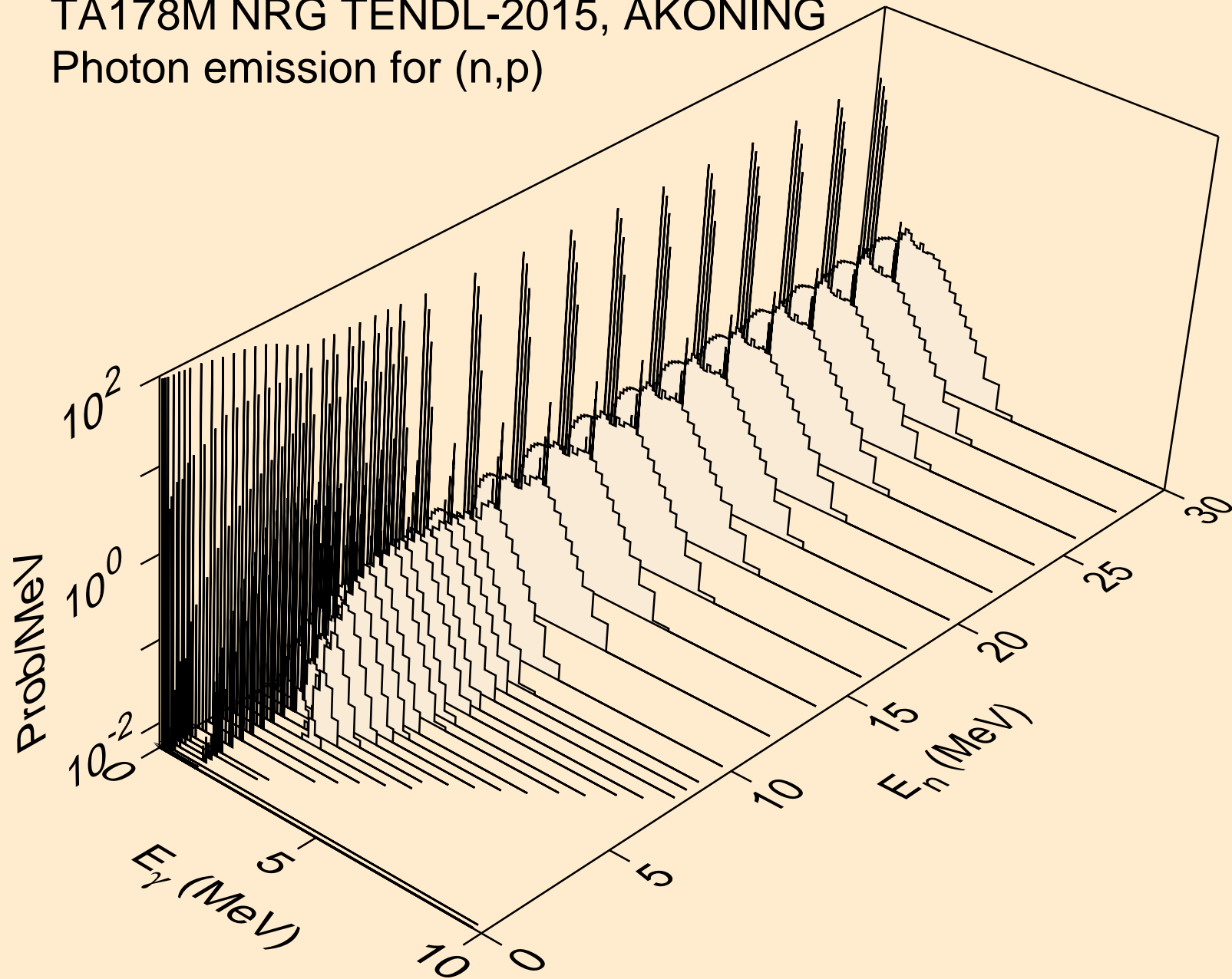
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



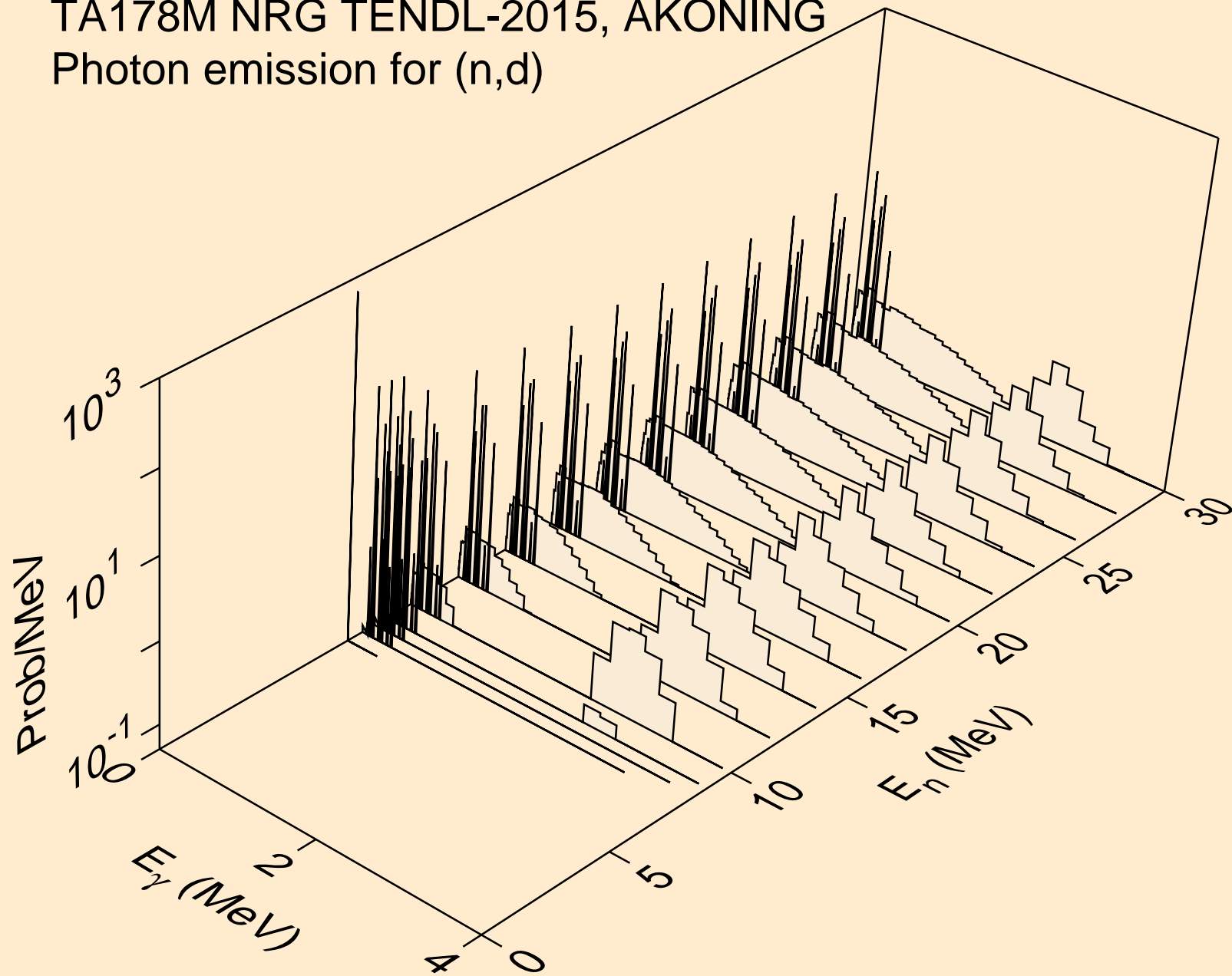
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,p)

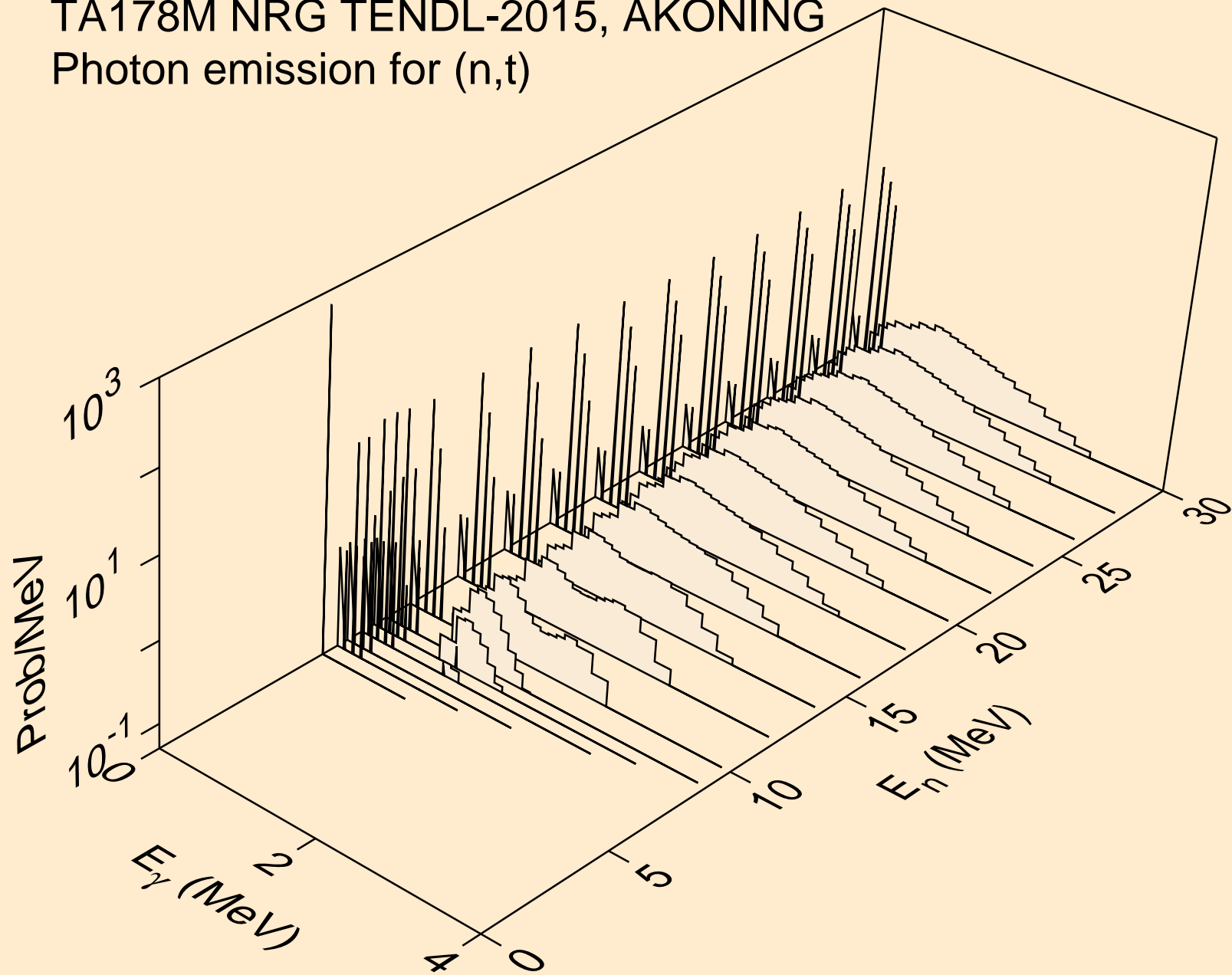


TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

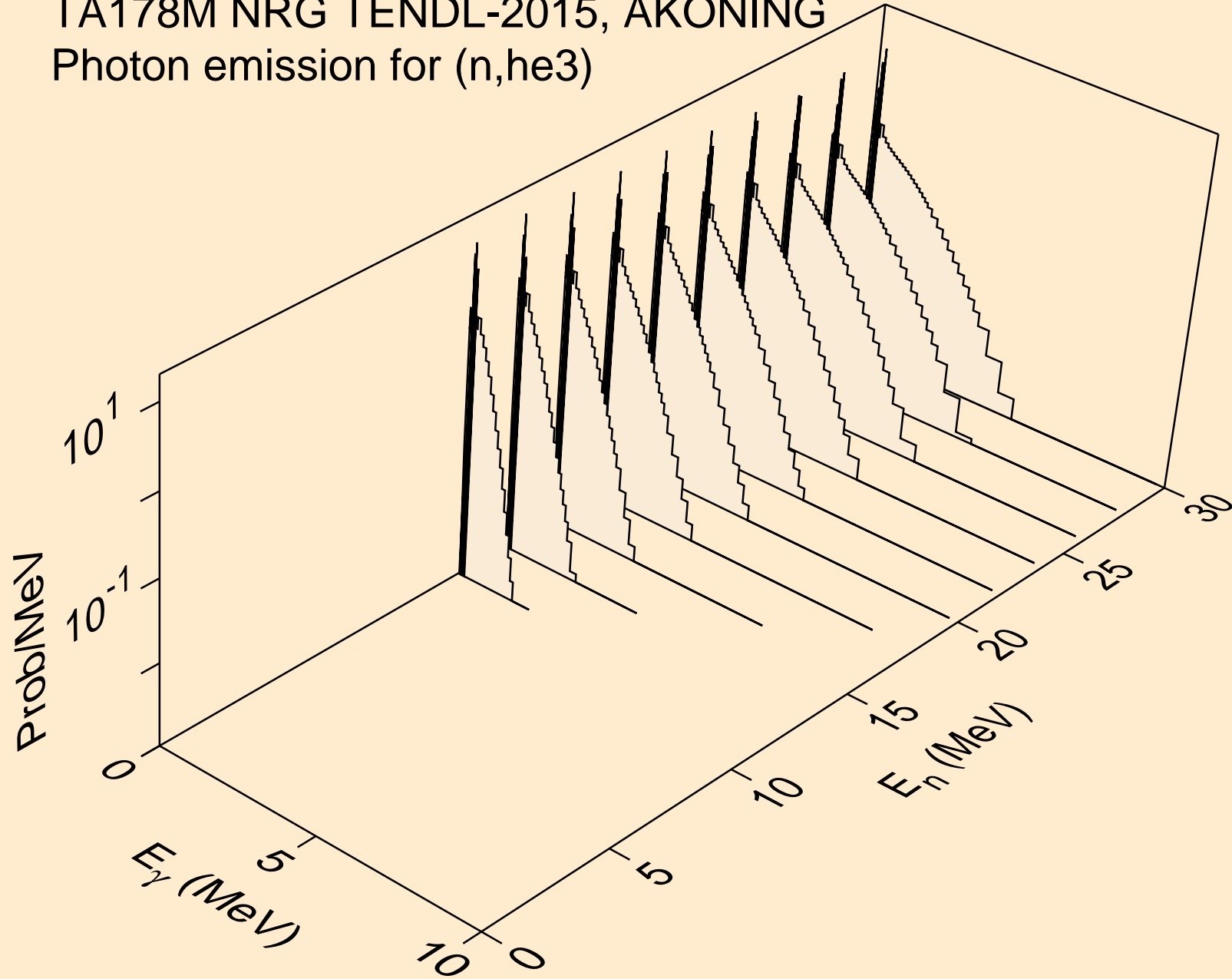




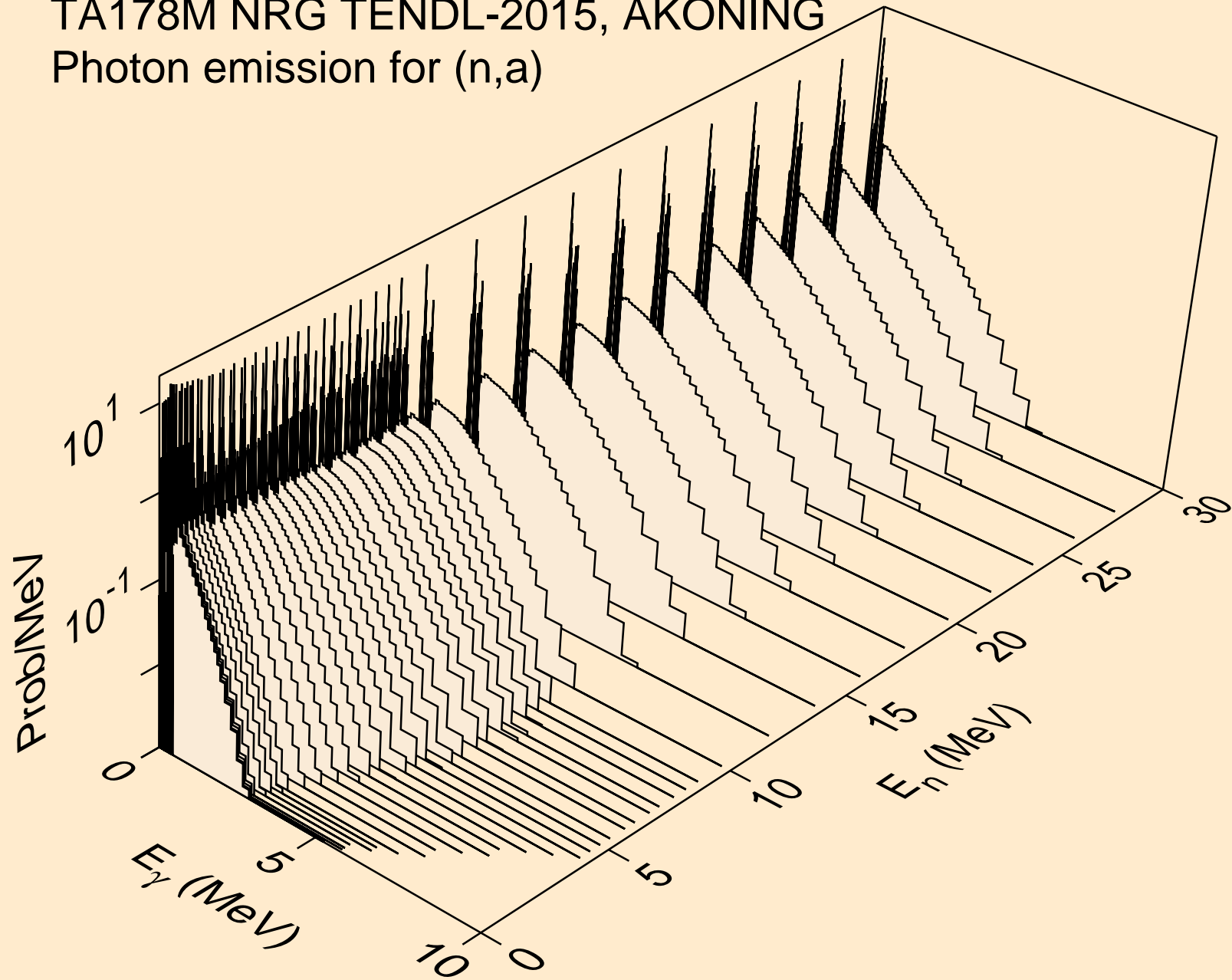
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,t)



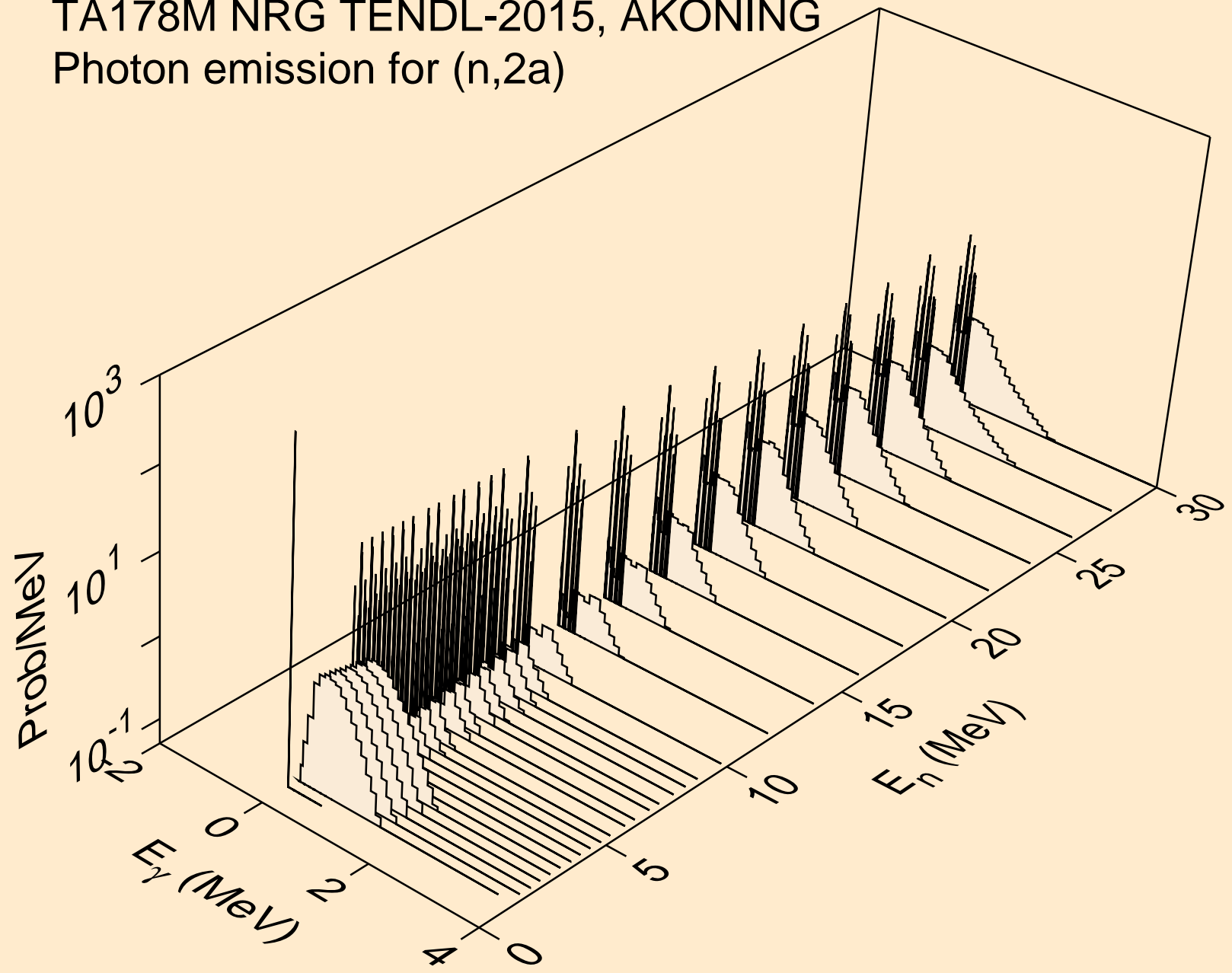
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



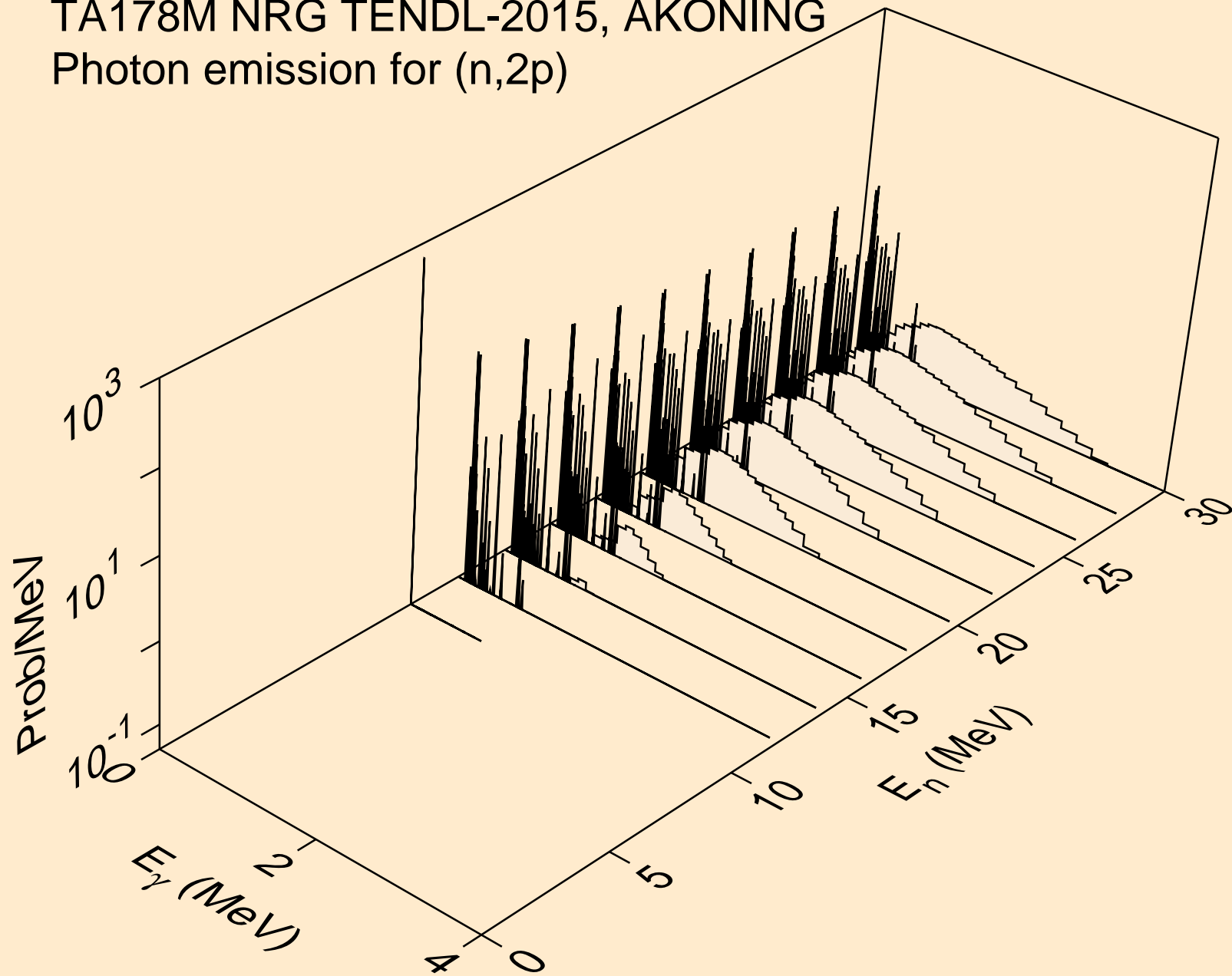
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



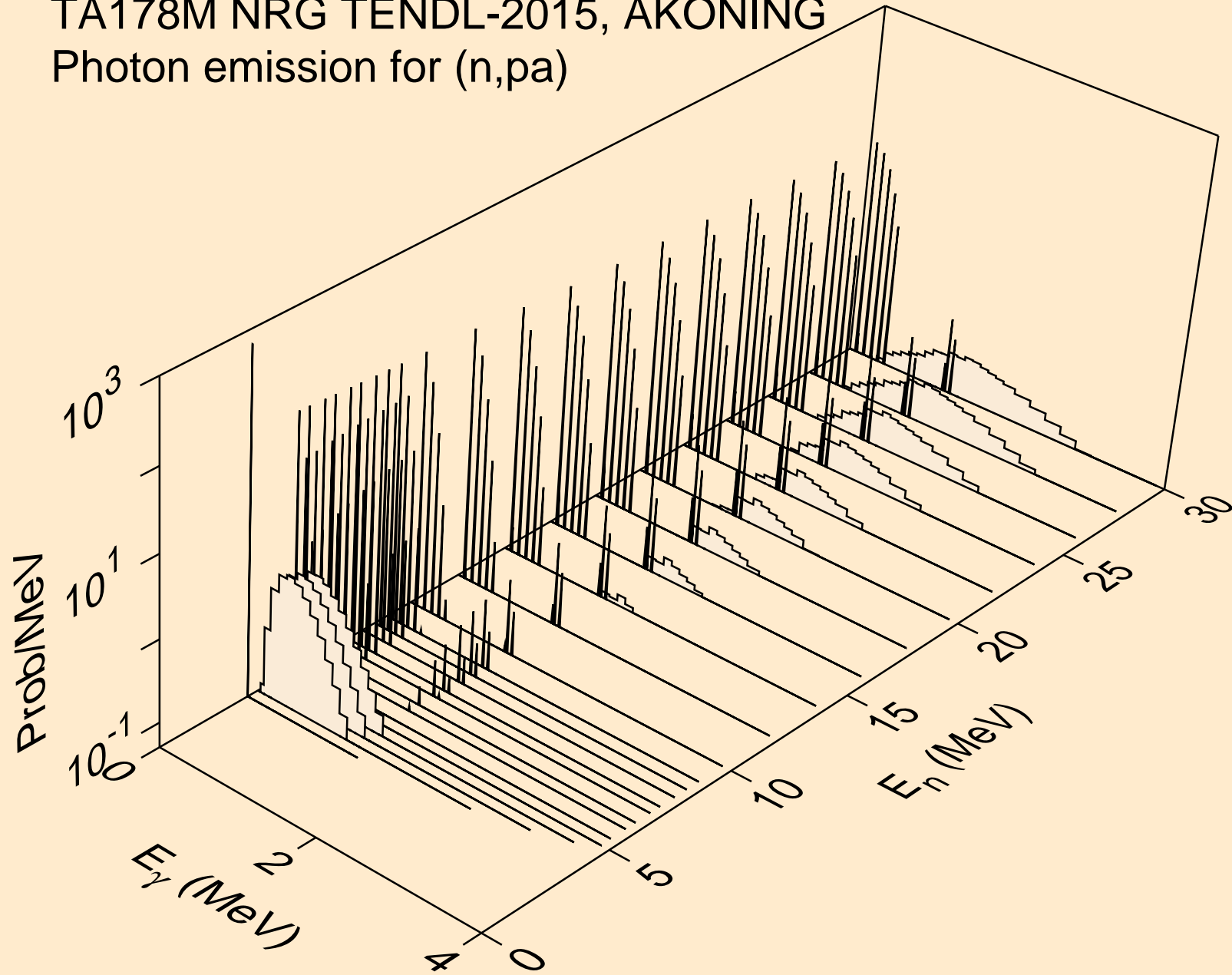
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



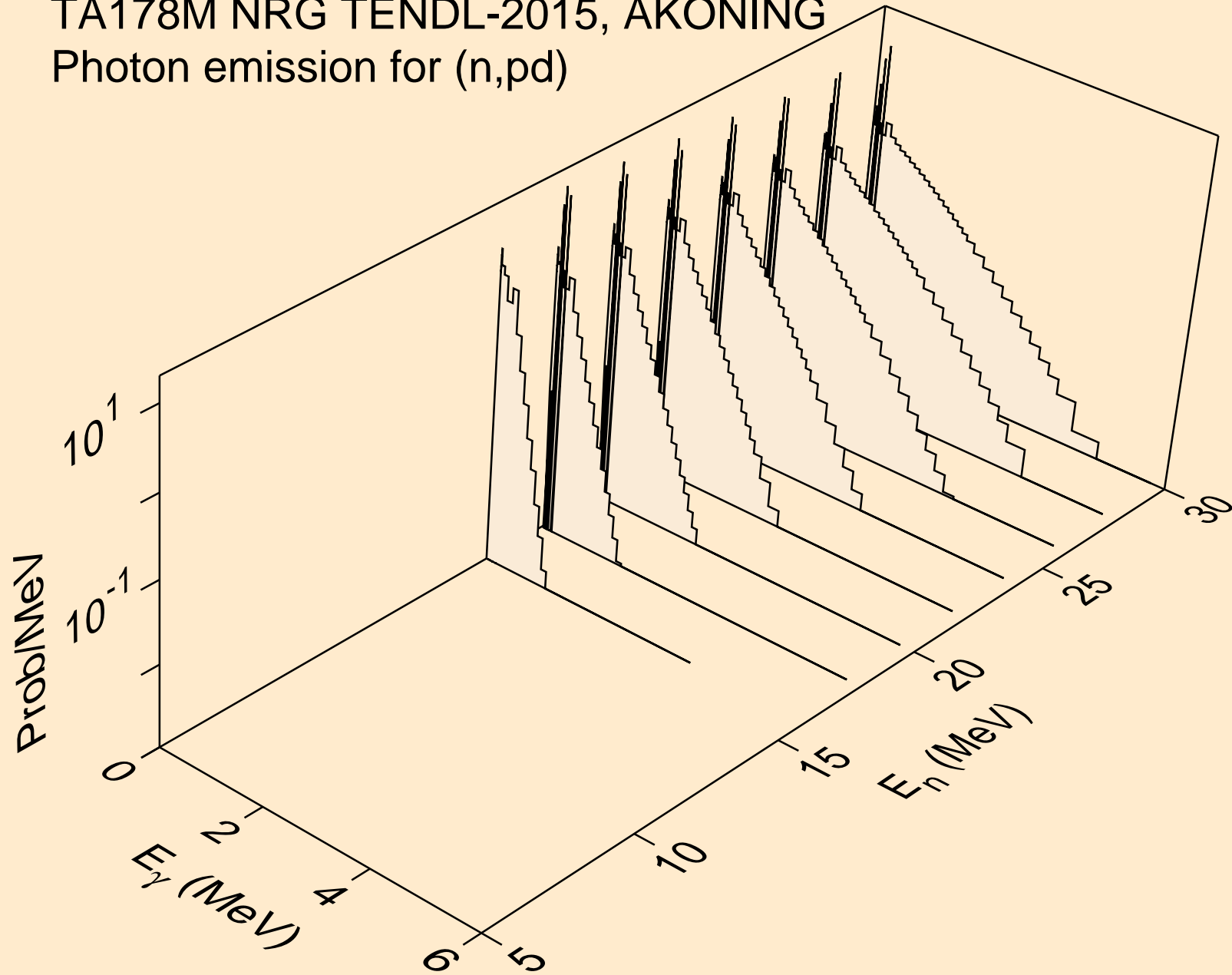
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



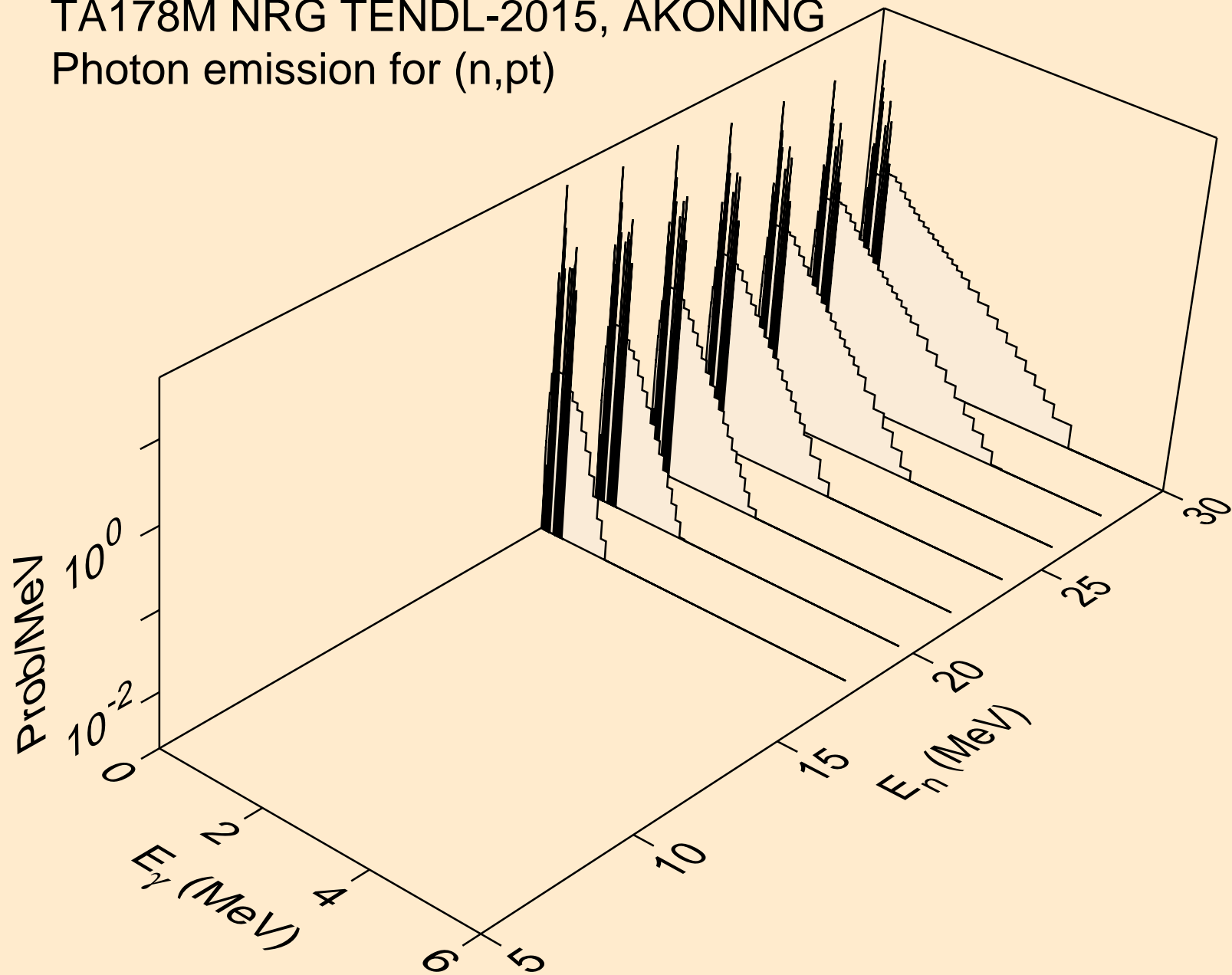
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

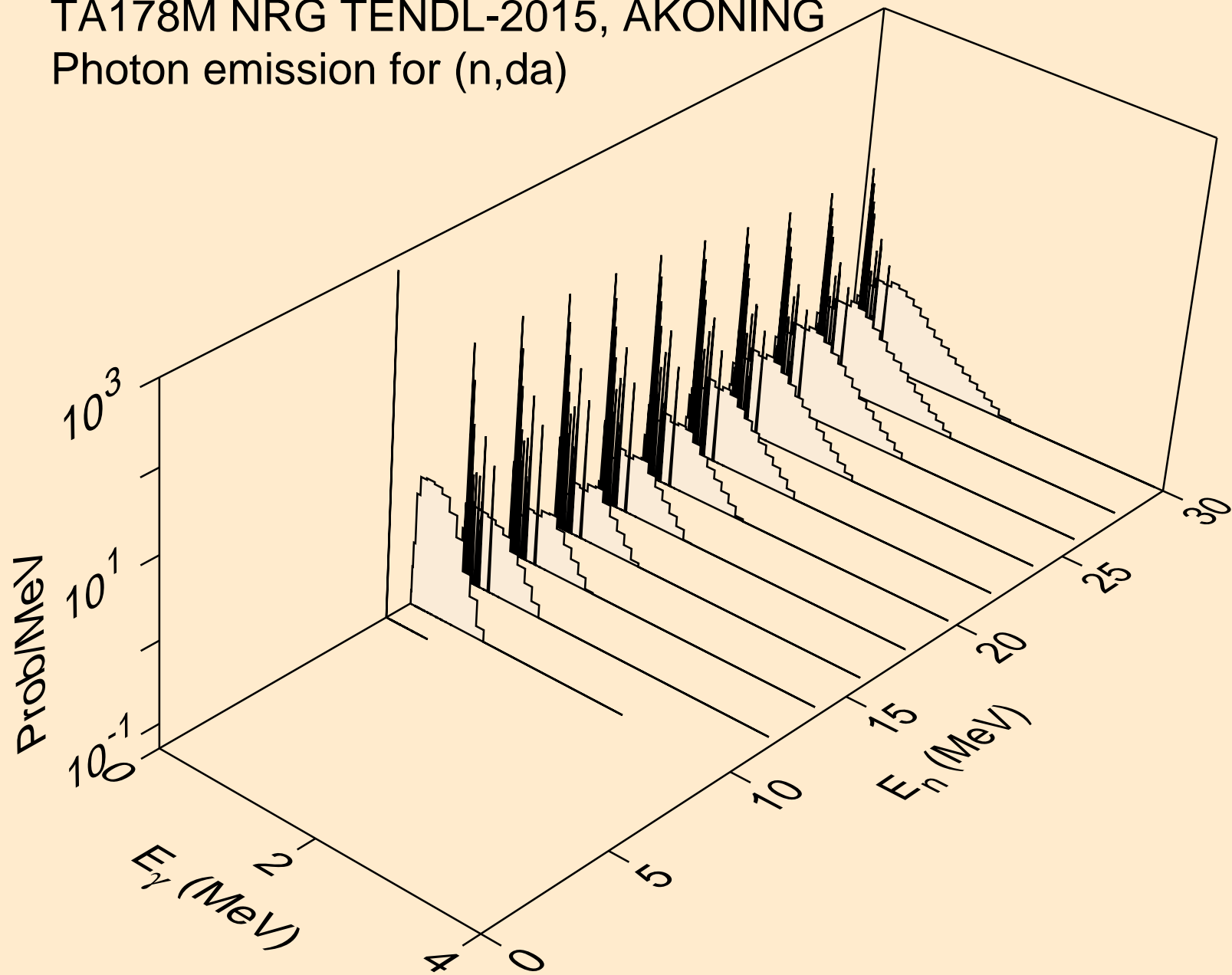


TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

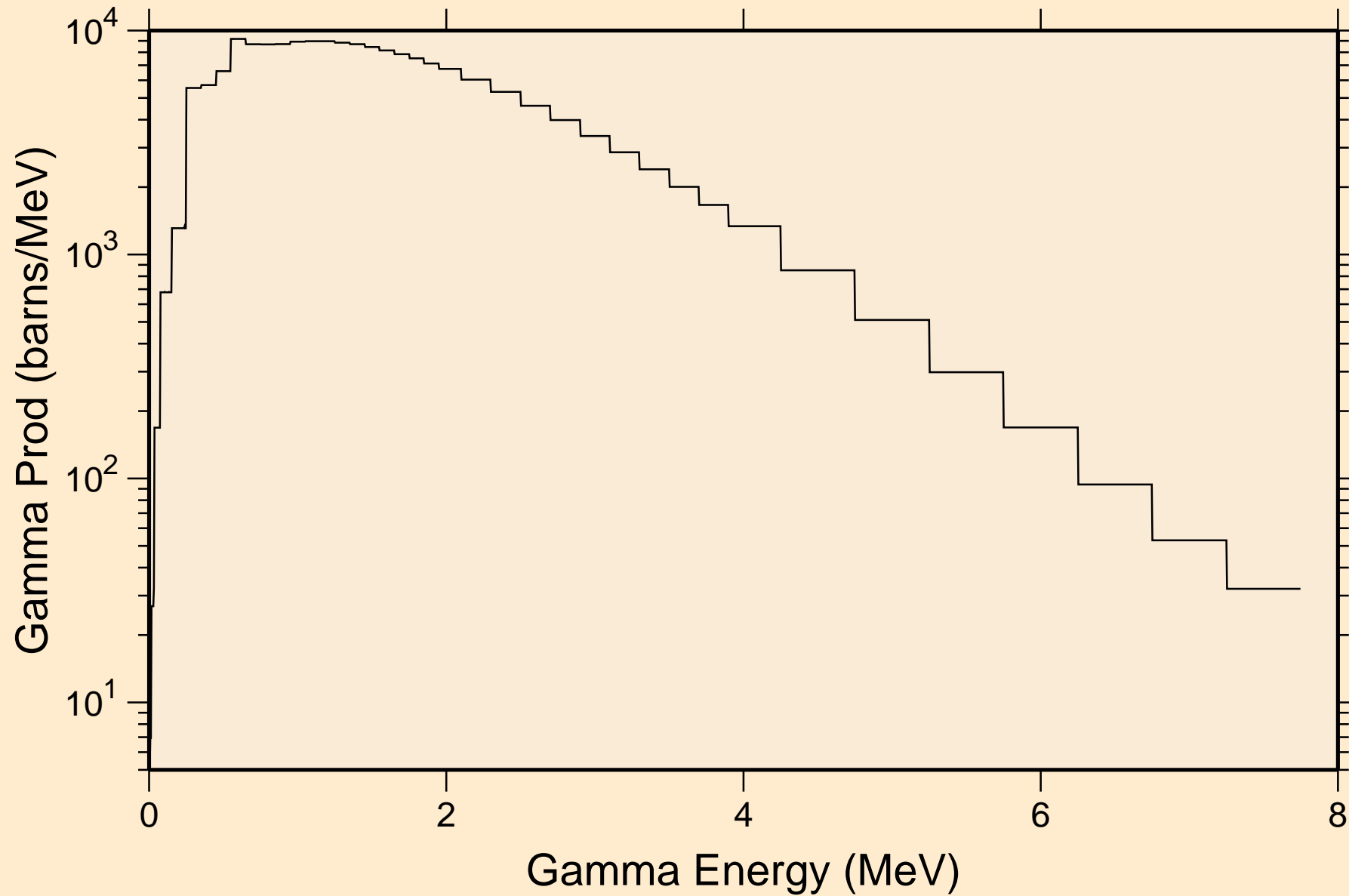




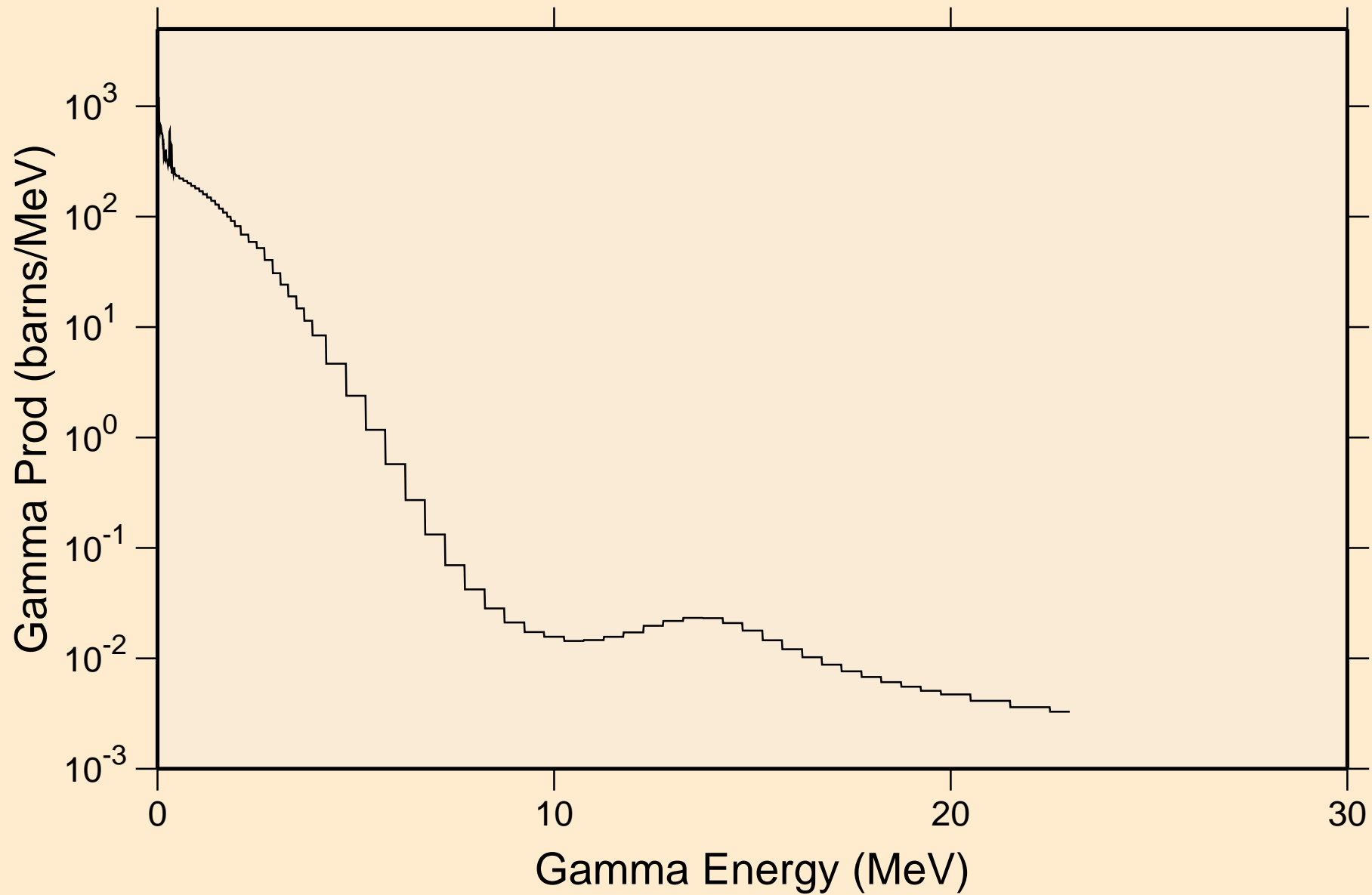
TA178M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TA178M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

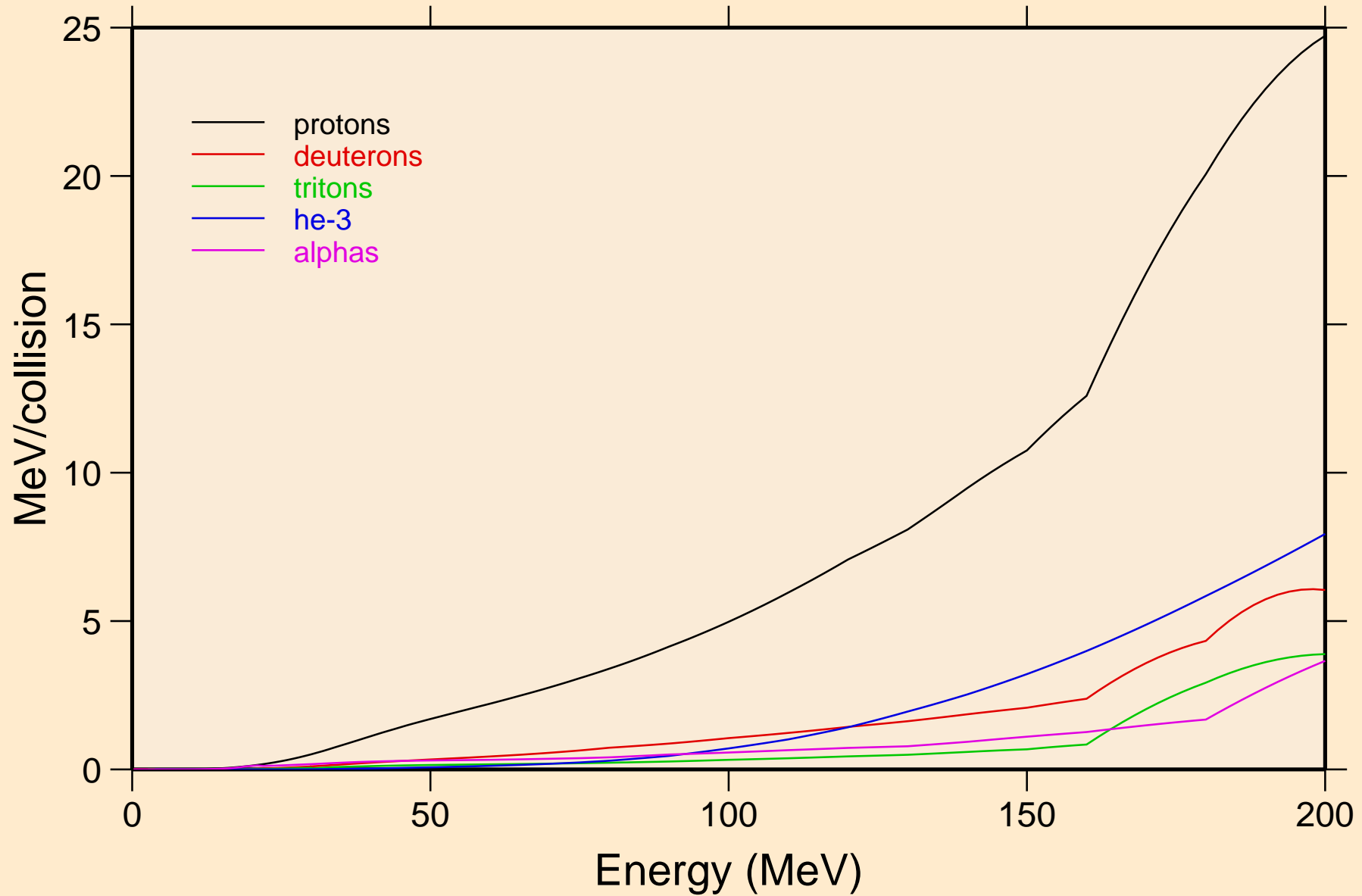


TA178M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



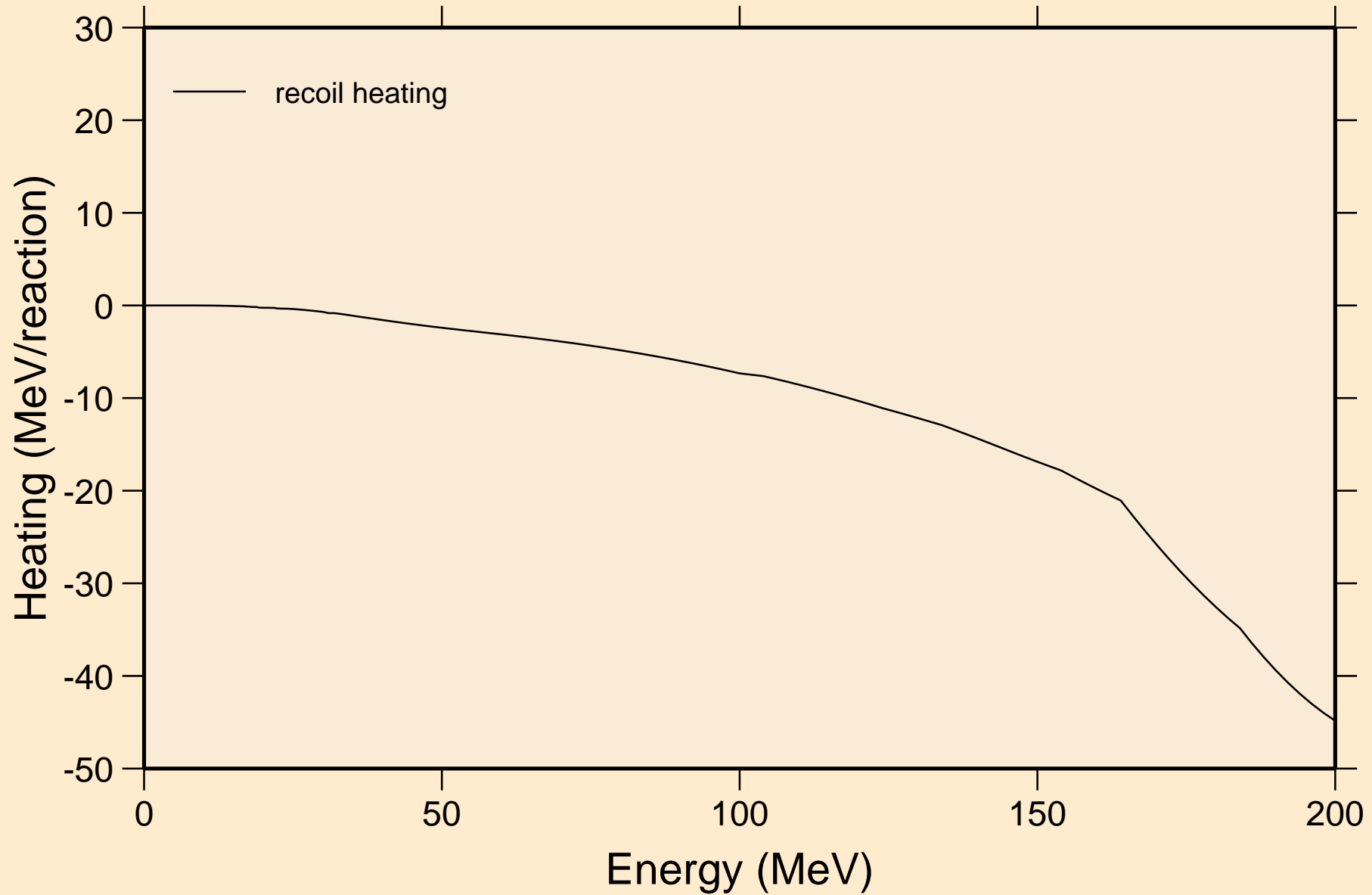
# TA178M NRG TENDL-2015, AKONING

## Particle heating contributions



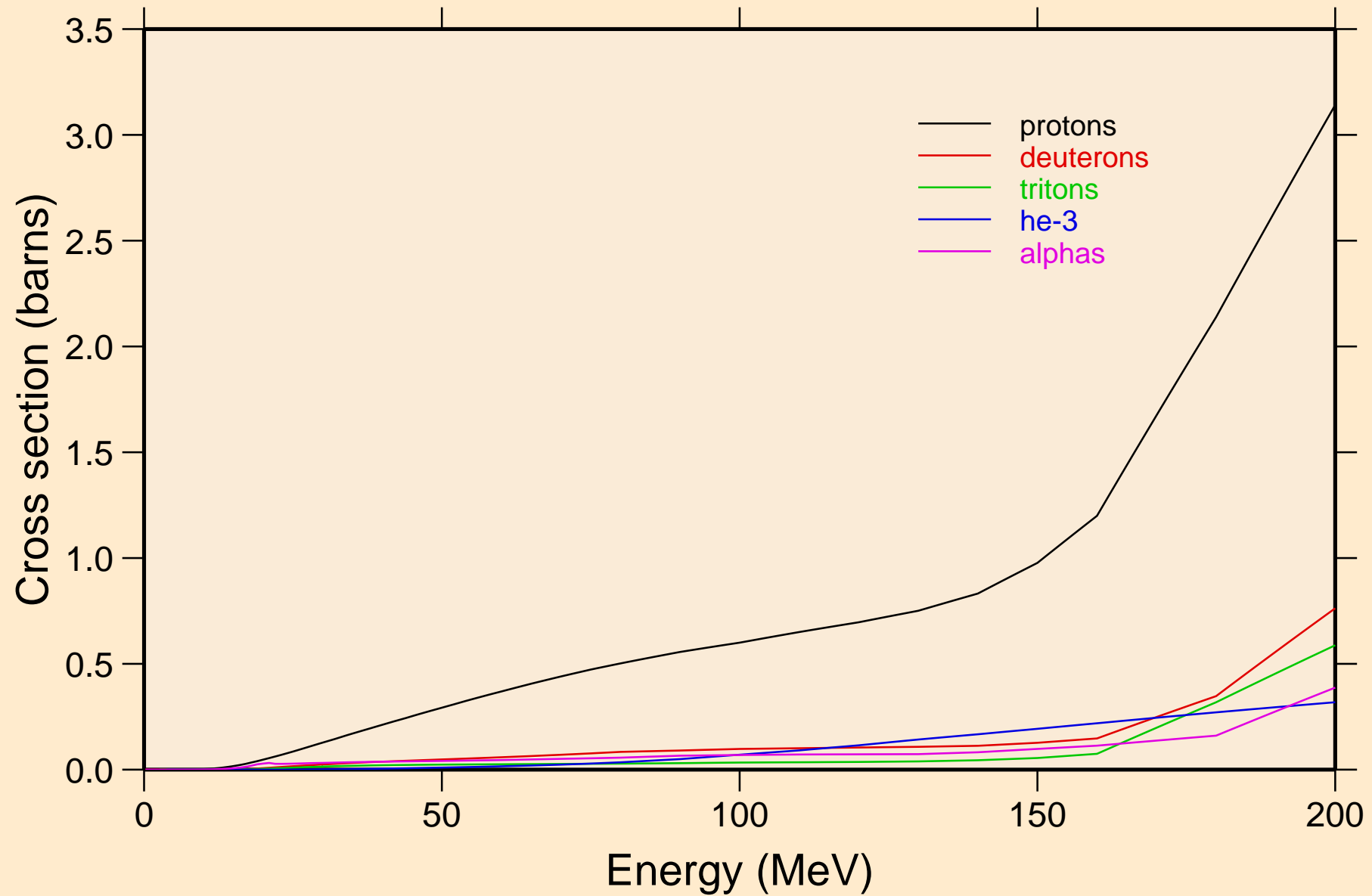
# TA178M NRG TENDL-2015, AKONING

## Recoil Heating

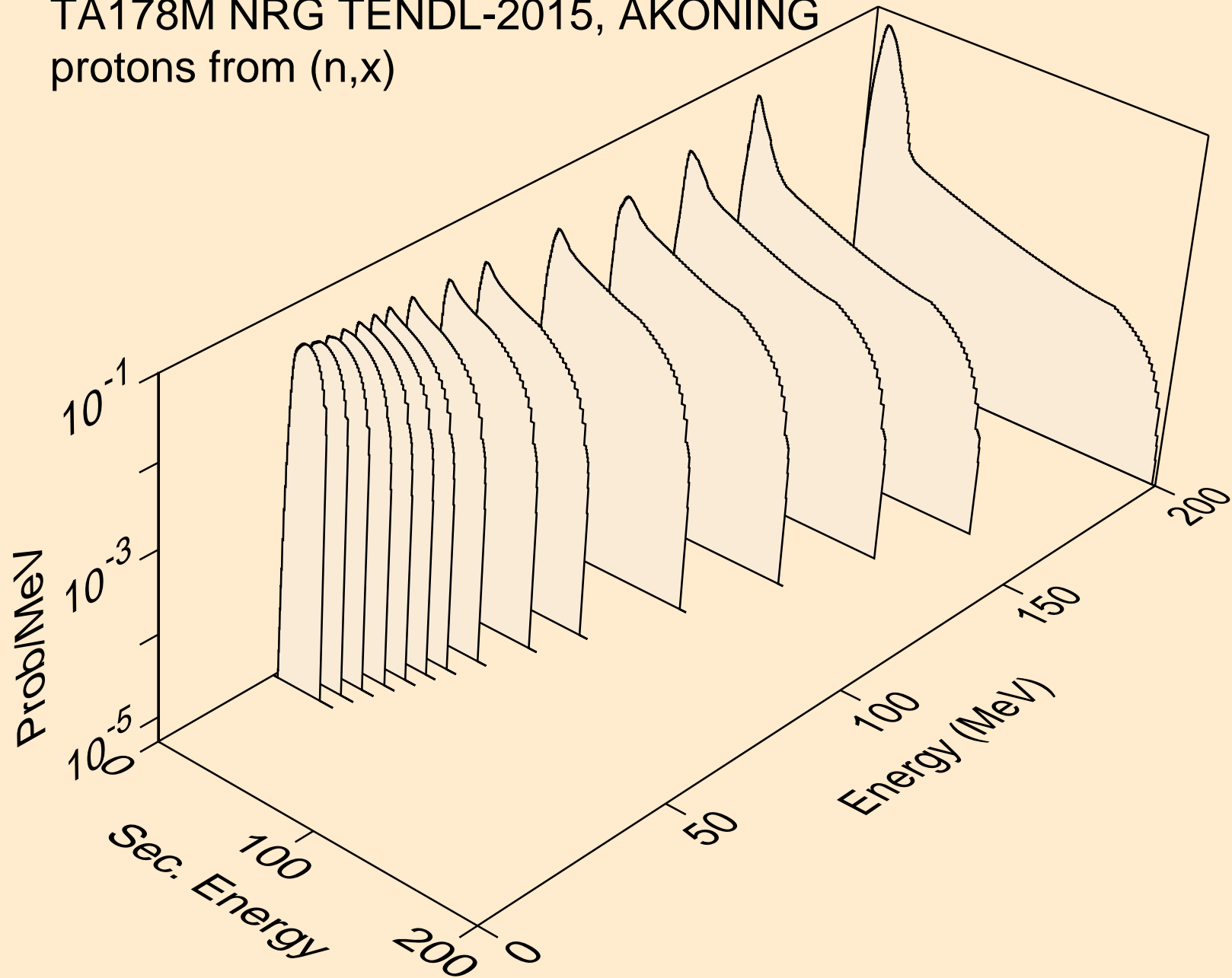


# TA178M NRG TENDL-2015, AKONING

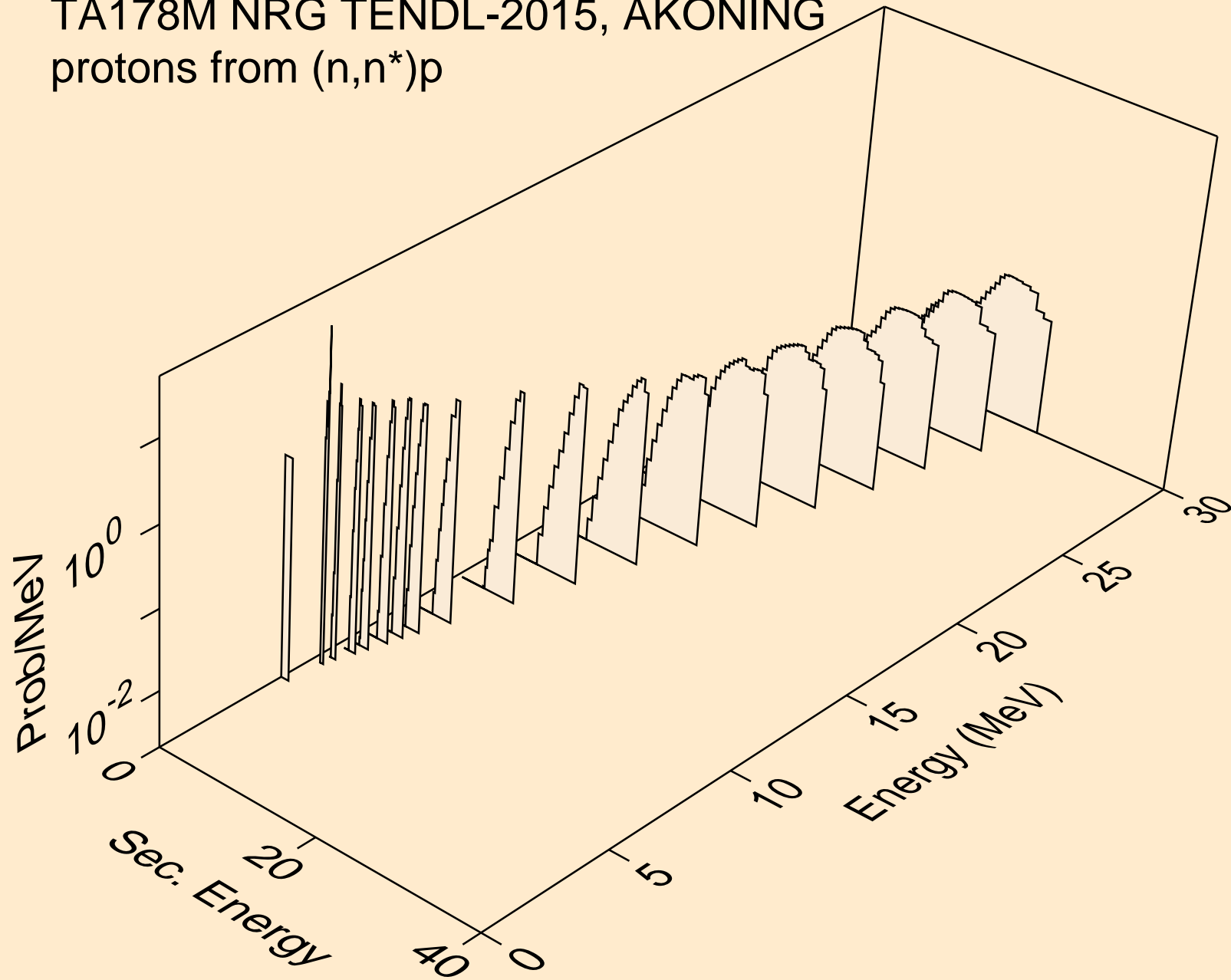
## Particle production cross sections



TA178M NRG TENDL-2015, AKONING  
protons from (n,x)

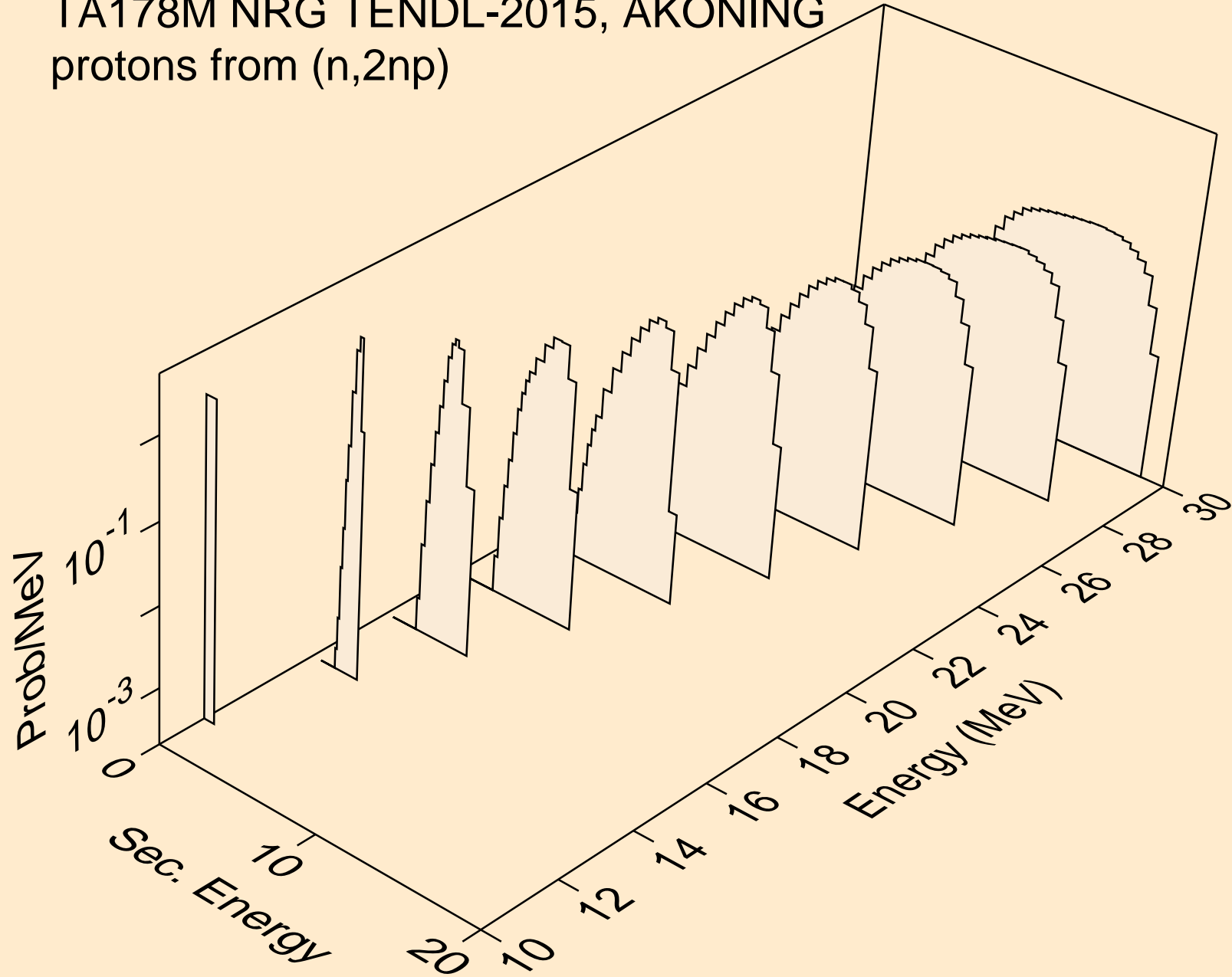


TA178M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

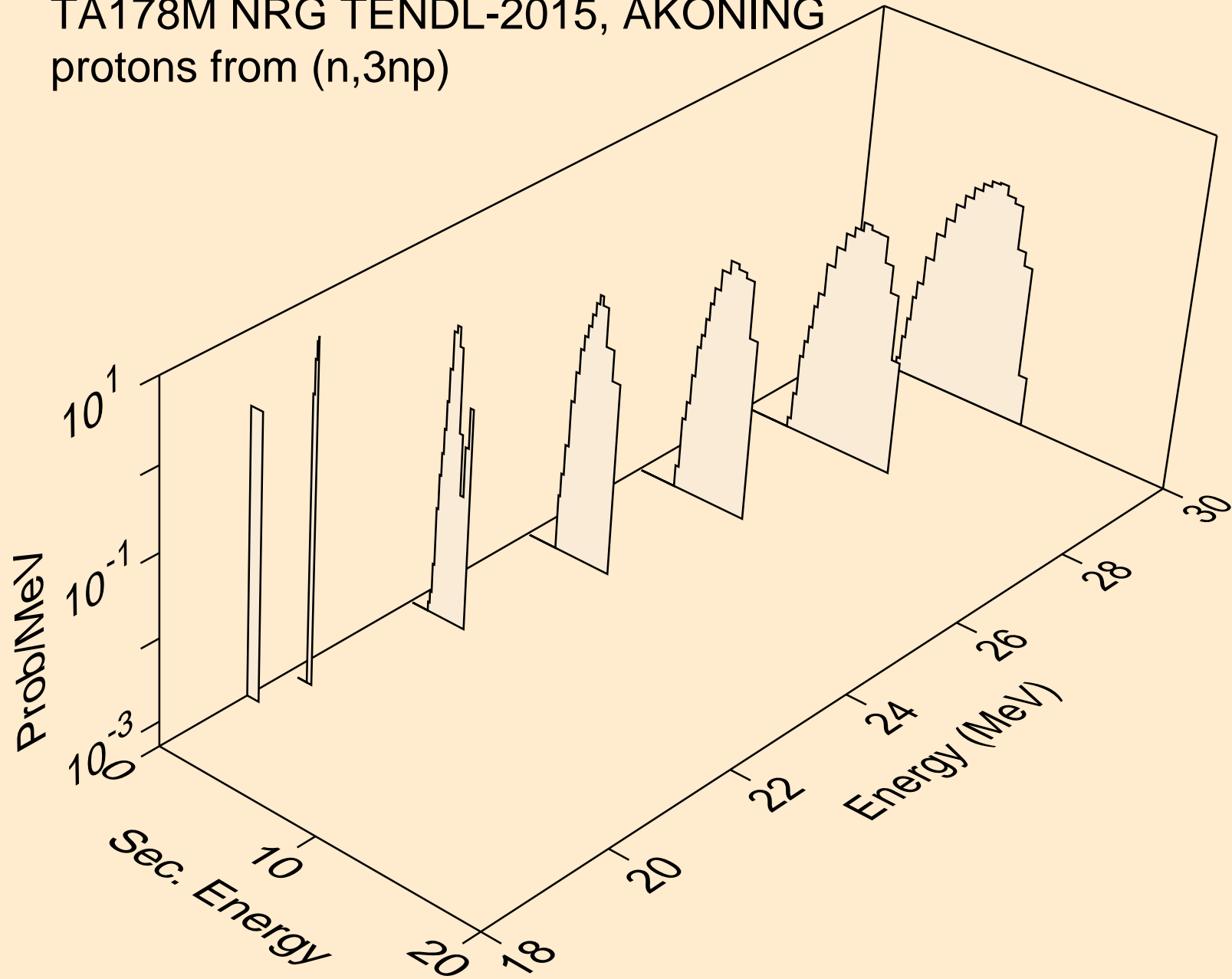




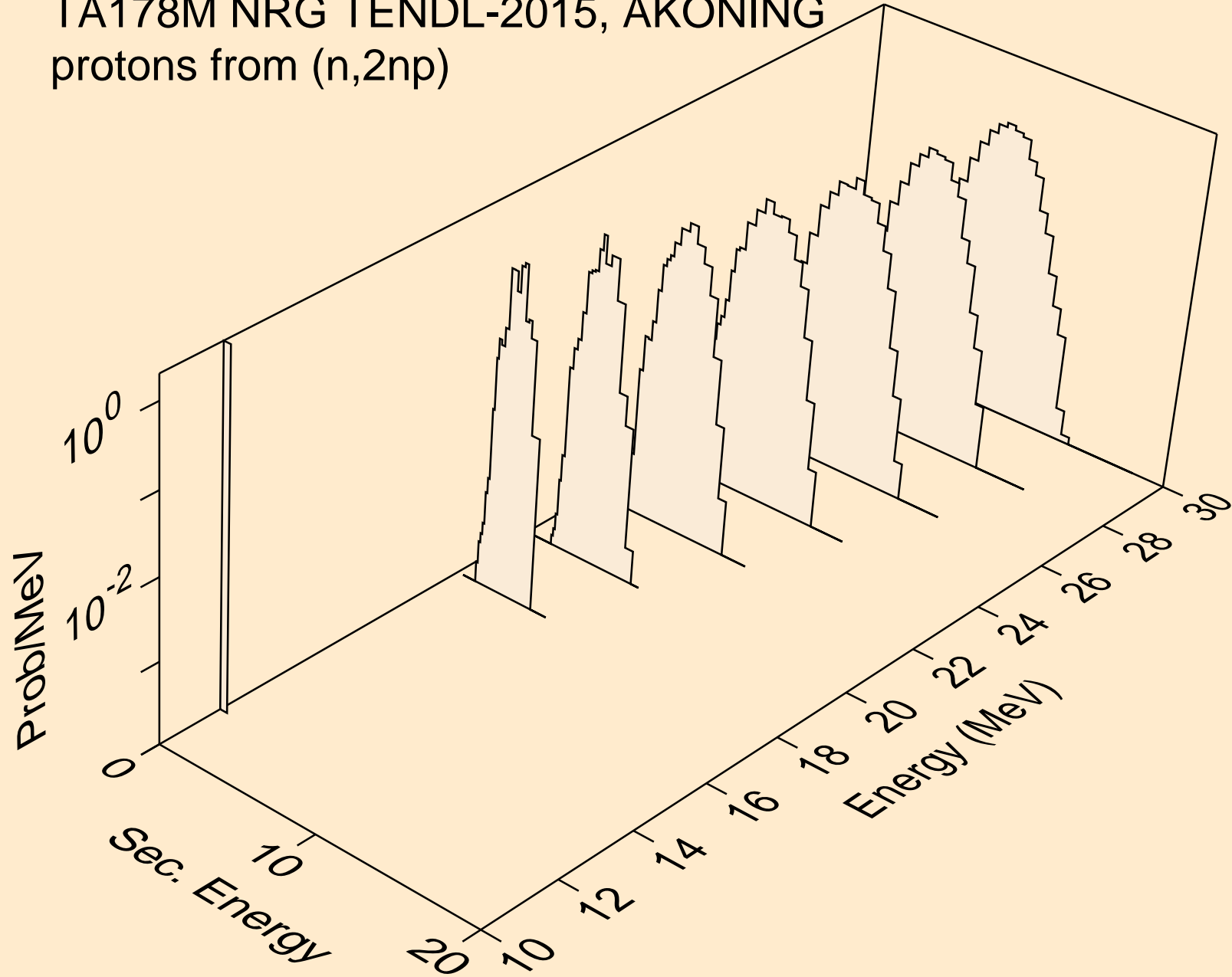
TA178M NRG TENDL-2015, AKONING  
protons from (n,2np)



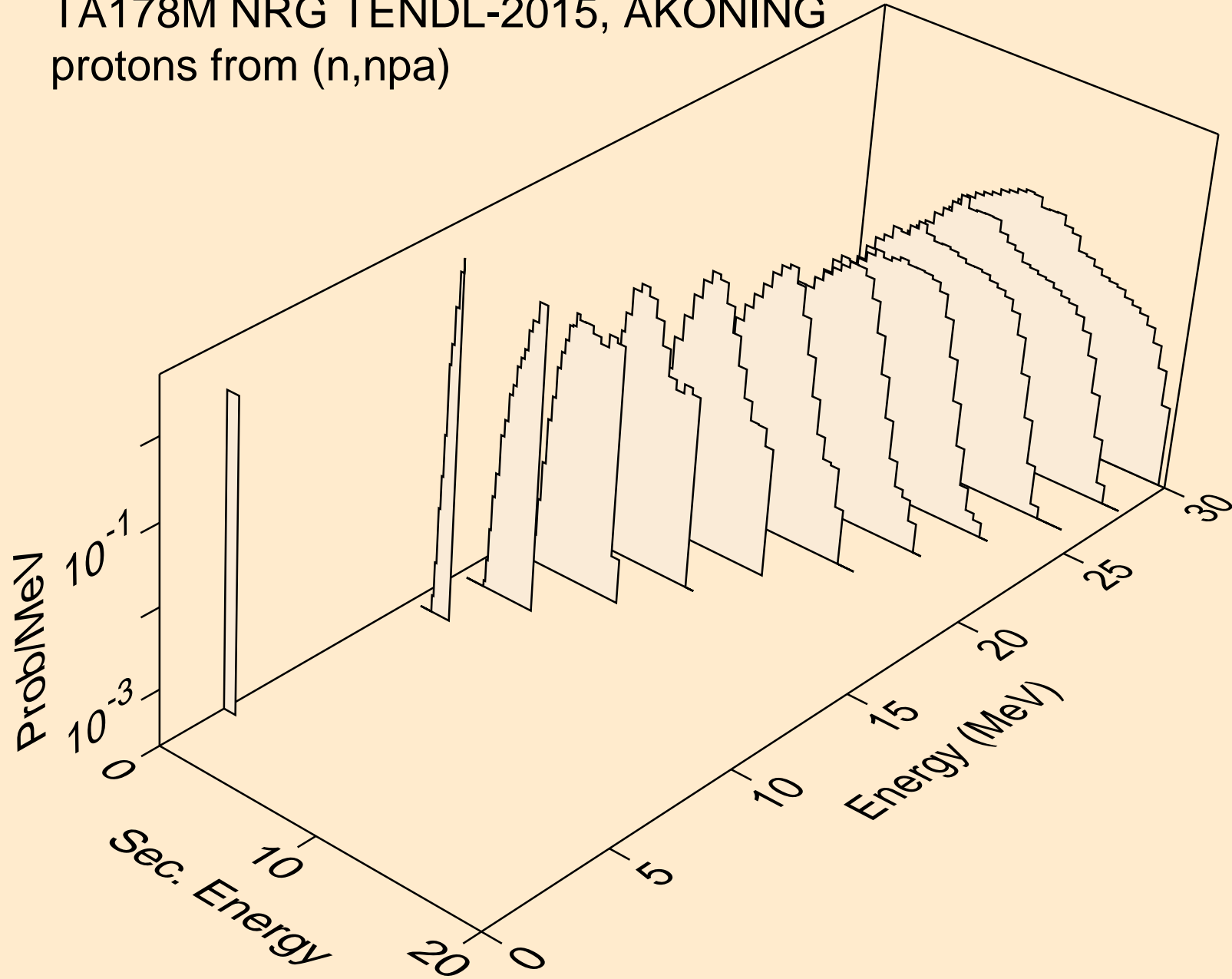
TA178M NRG TENDL-2015, AKONING  
protons from (n,3np)



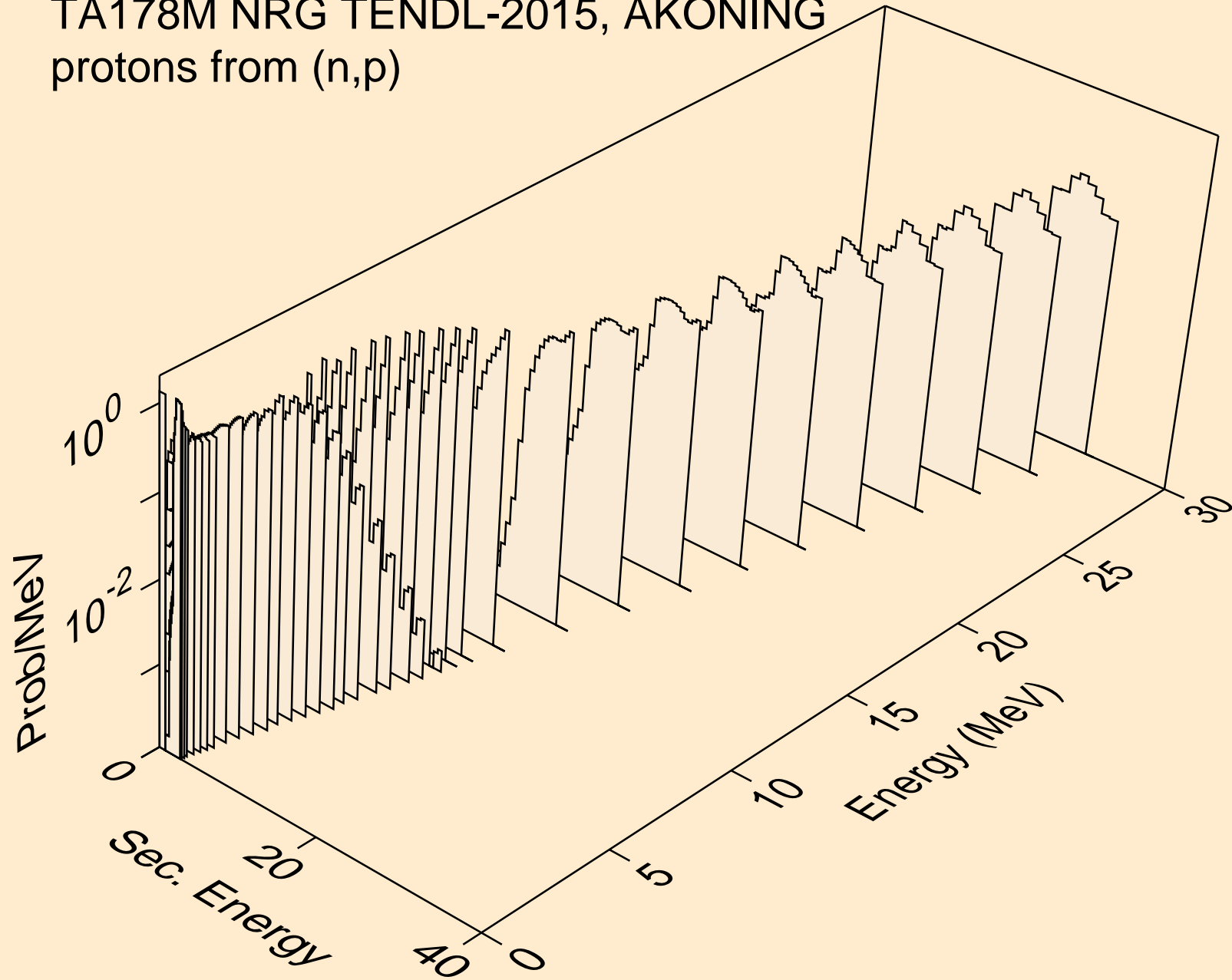
TA178M NRG TENDL-2015, AKONING  
protons from (n,2np)



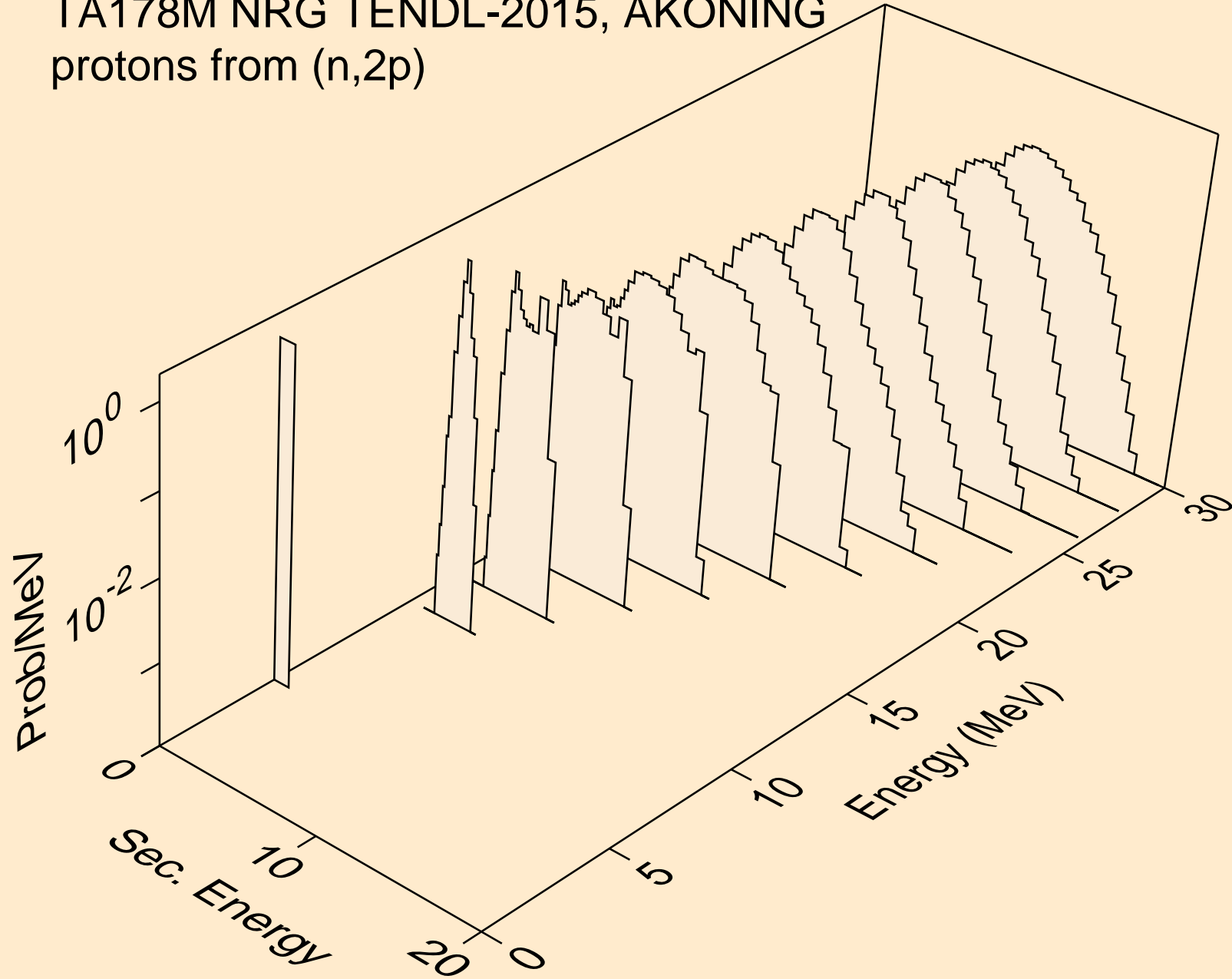
TA178M NRG TENDL-2015, AKONING  
protons from (n,npa)



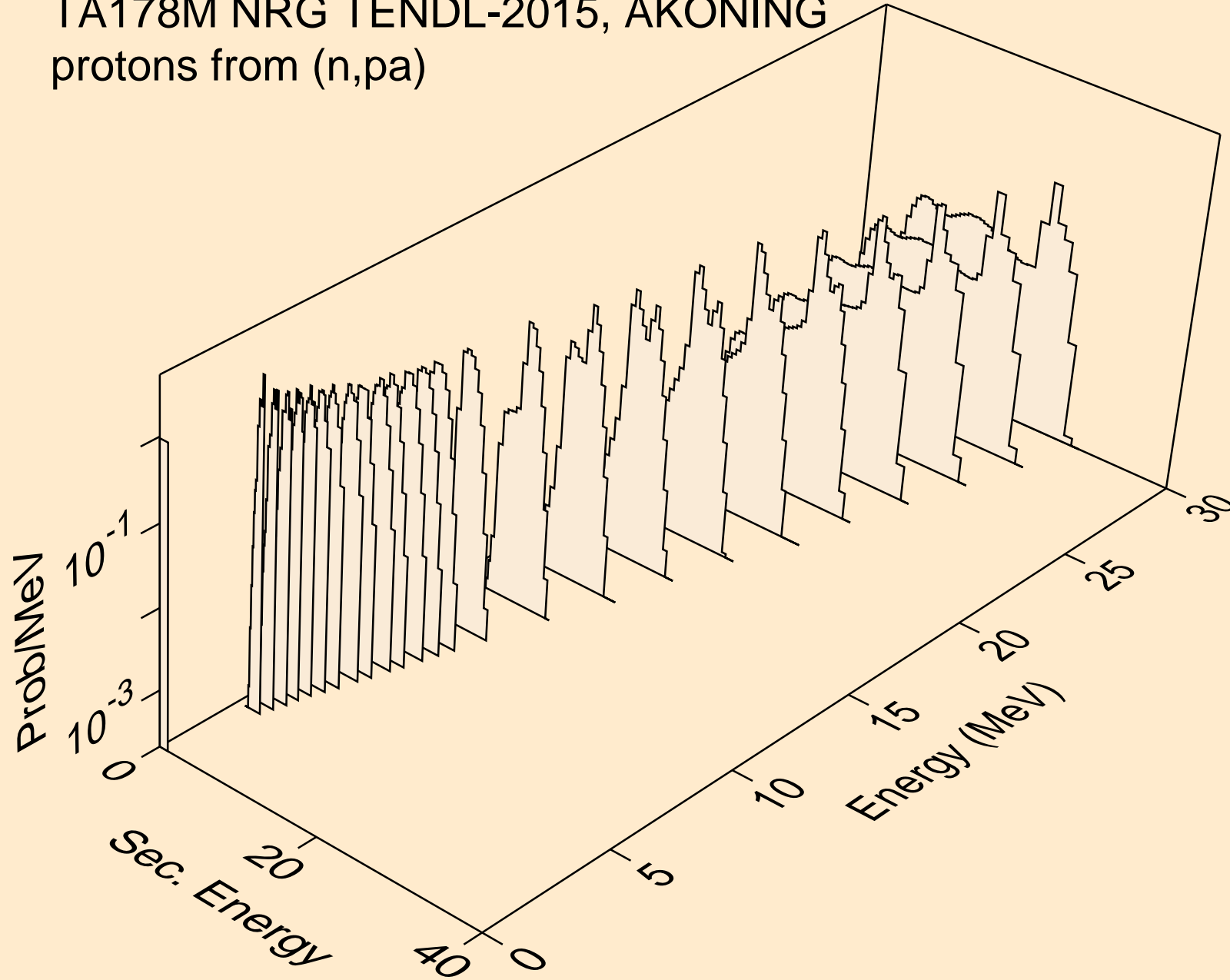
TA178M NRG TENDL-2015, AKONING  
protons from (n,p)



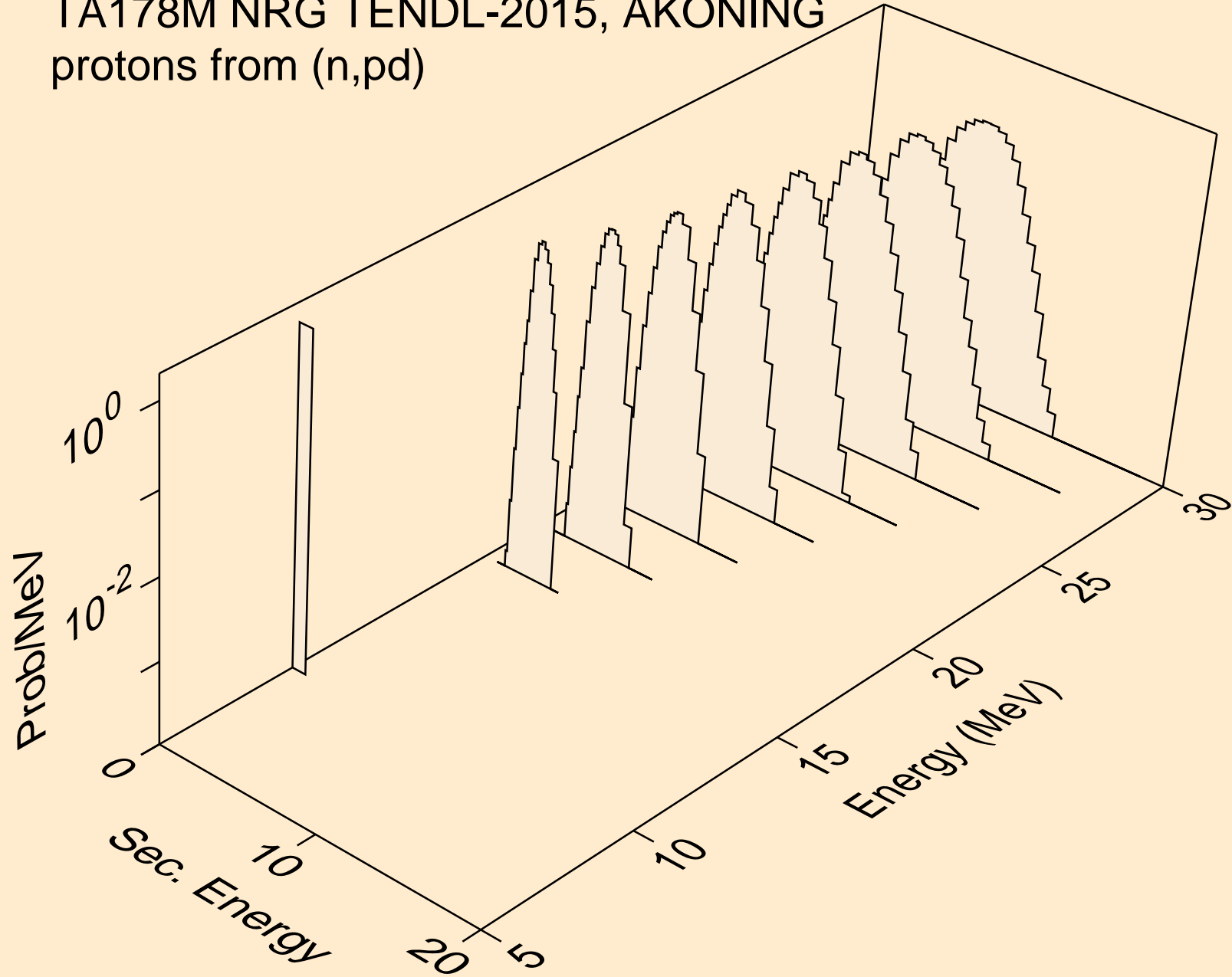
TA178M NRG TENDL-2015, AKONING  
protons from (n,2p)



TA178M NRG TENDL-2015, AKONING  
protons from (n,pa)

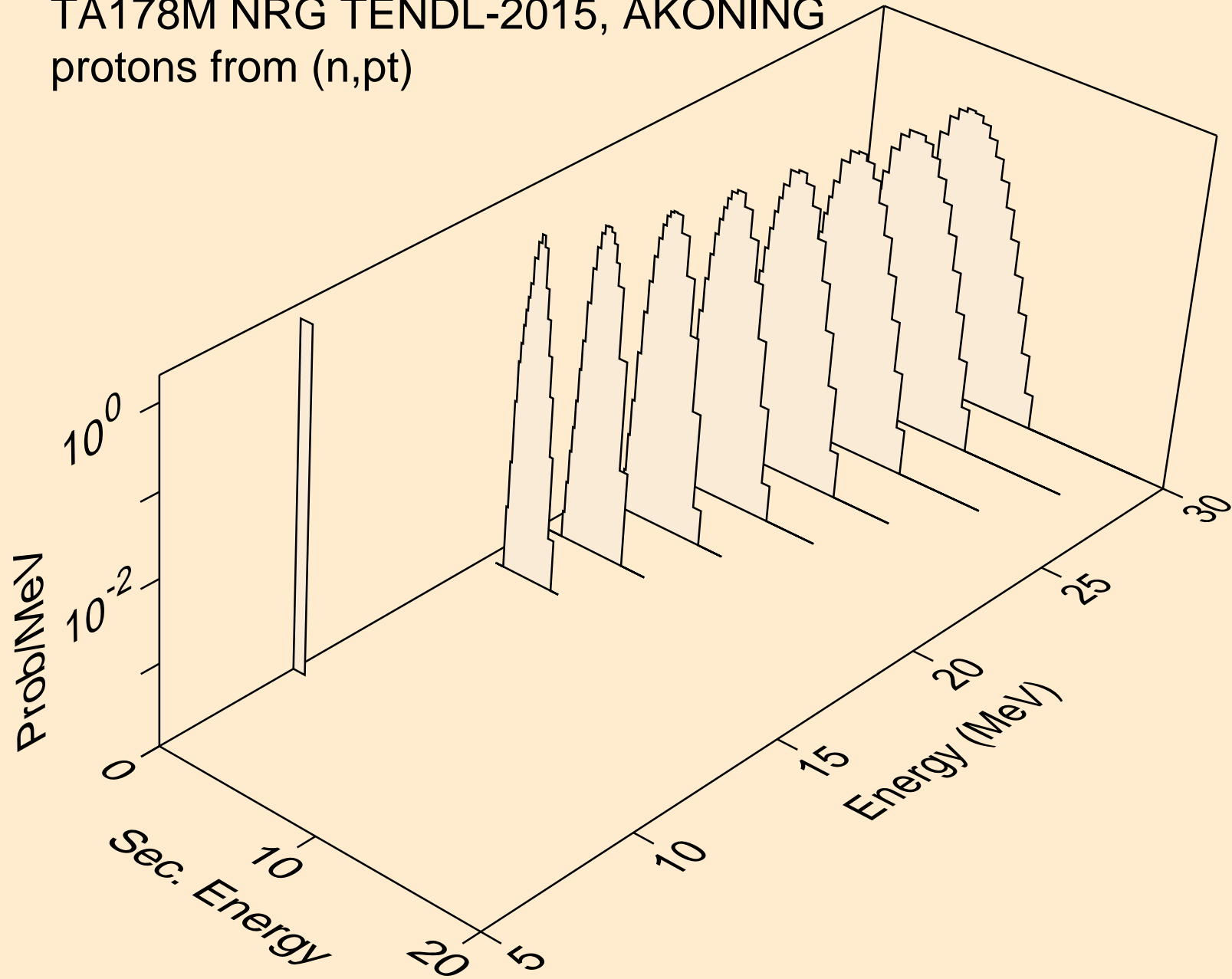


TA178M NRG TENDL-2015, AKONING  
protons from (n,pd)

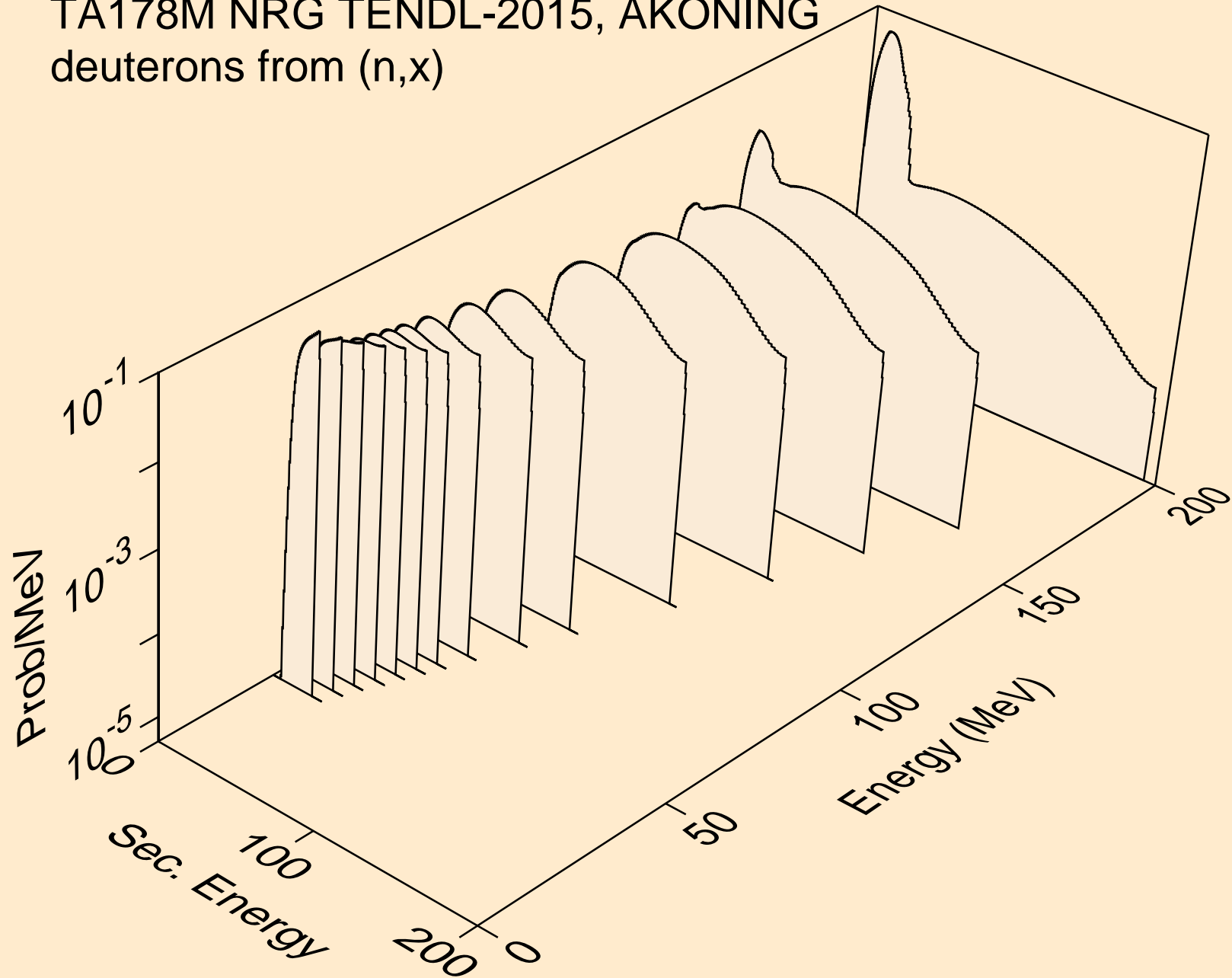




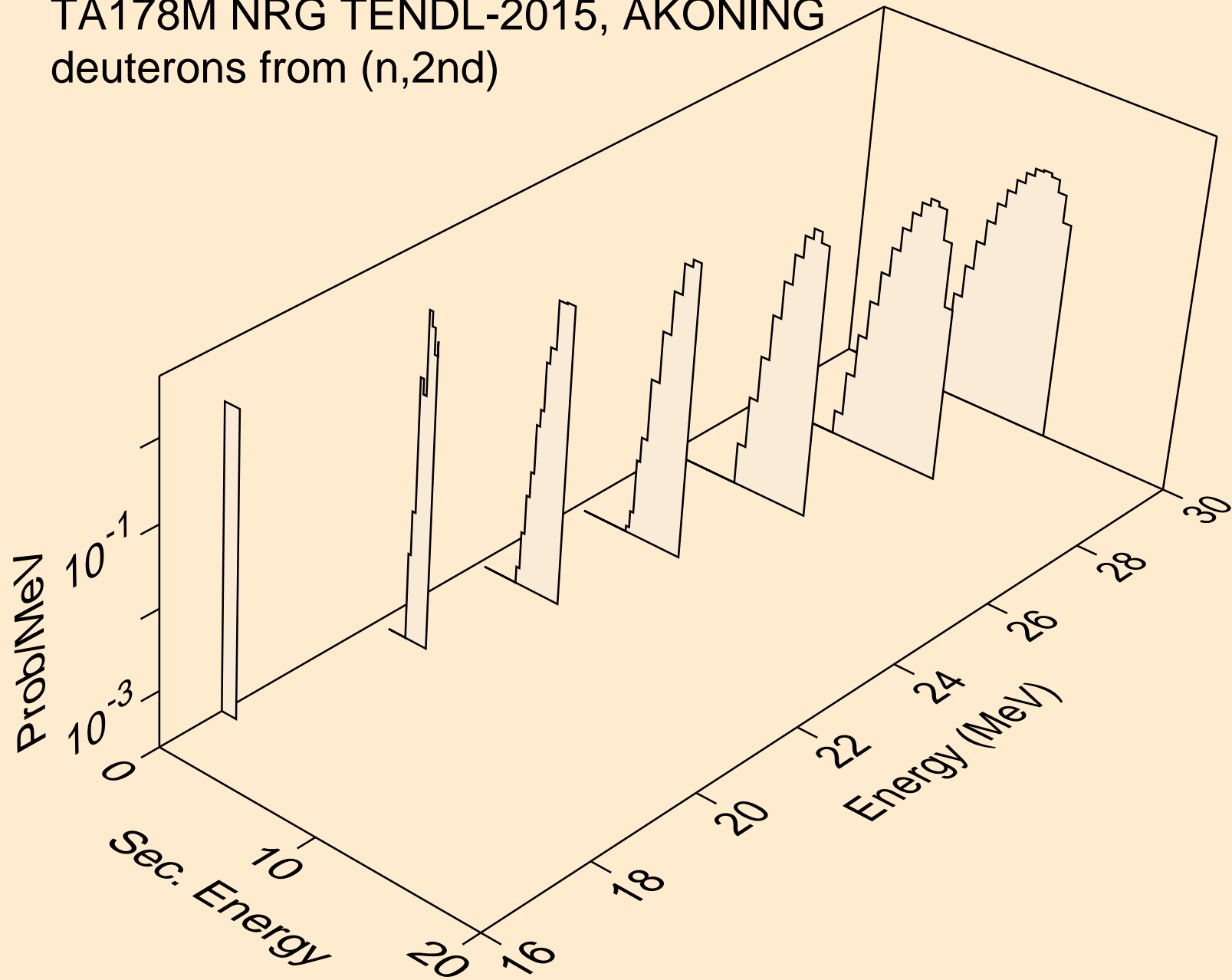
TA178M NRG TENDL-2015, AKONING  
protons from (n,pt)



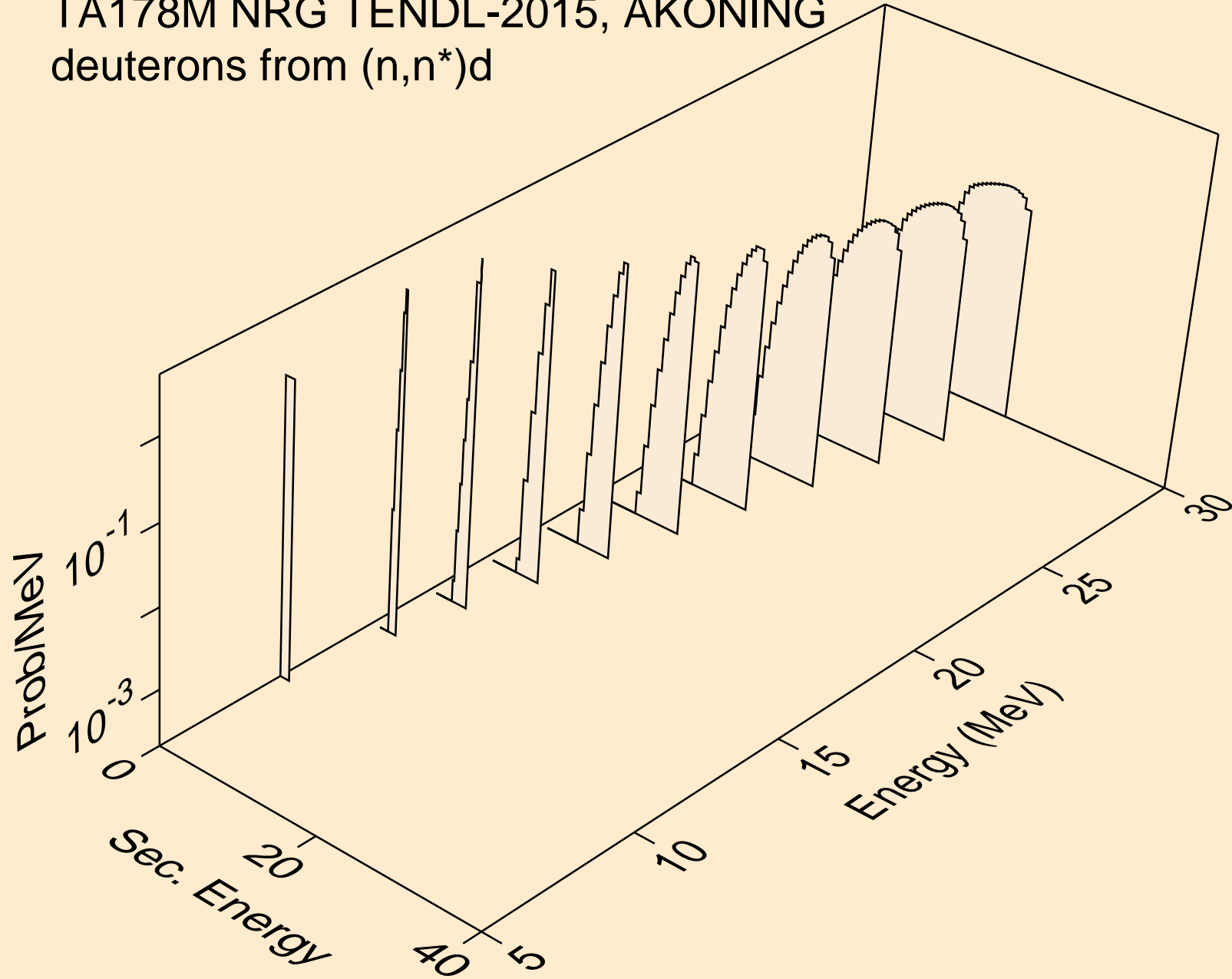
TA178M NRG TENDL-2015, AKONING  
deuterons from (n,x)



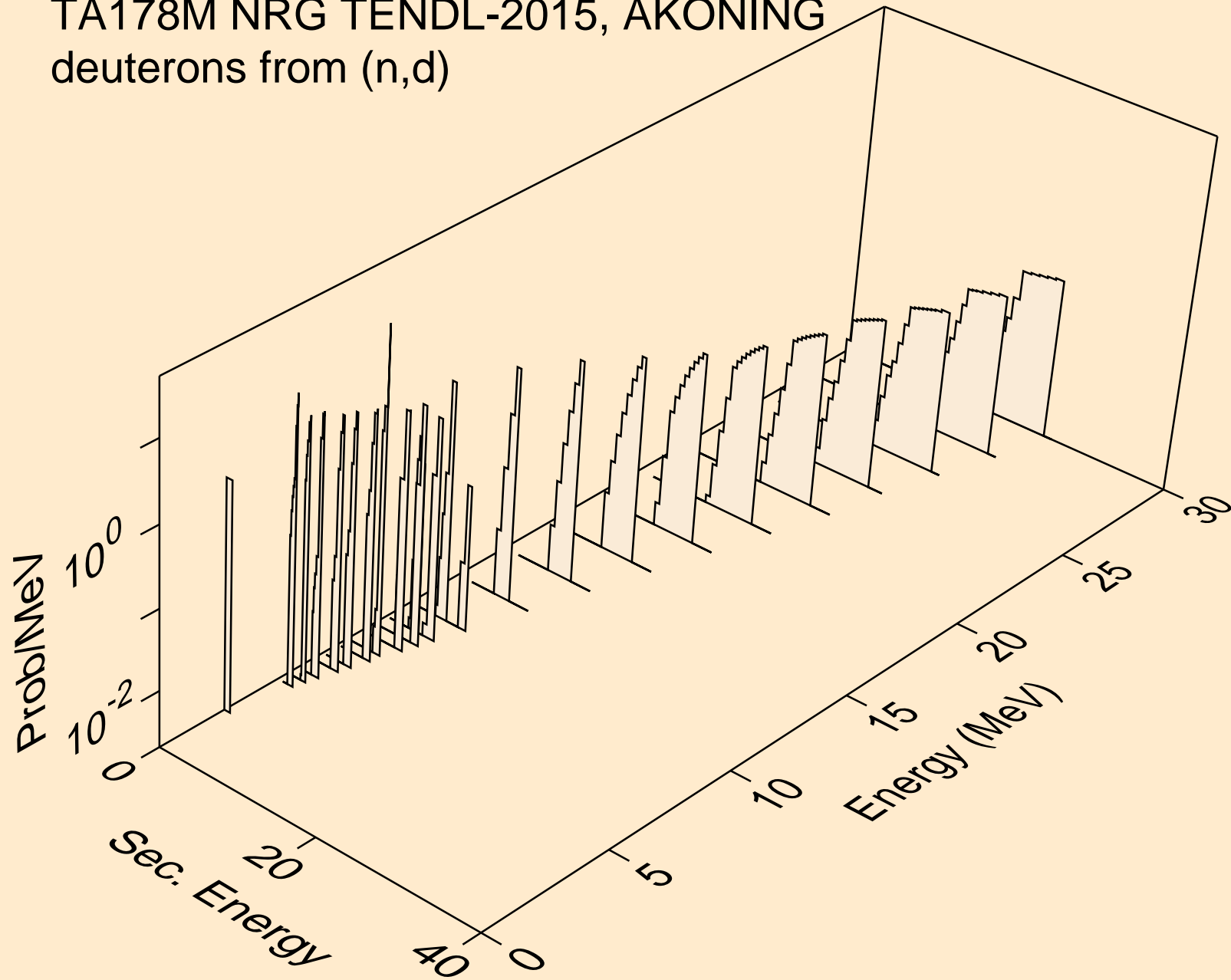
TA178M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



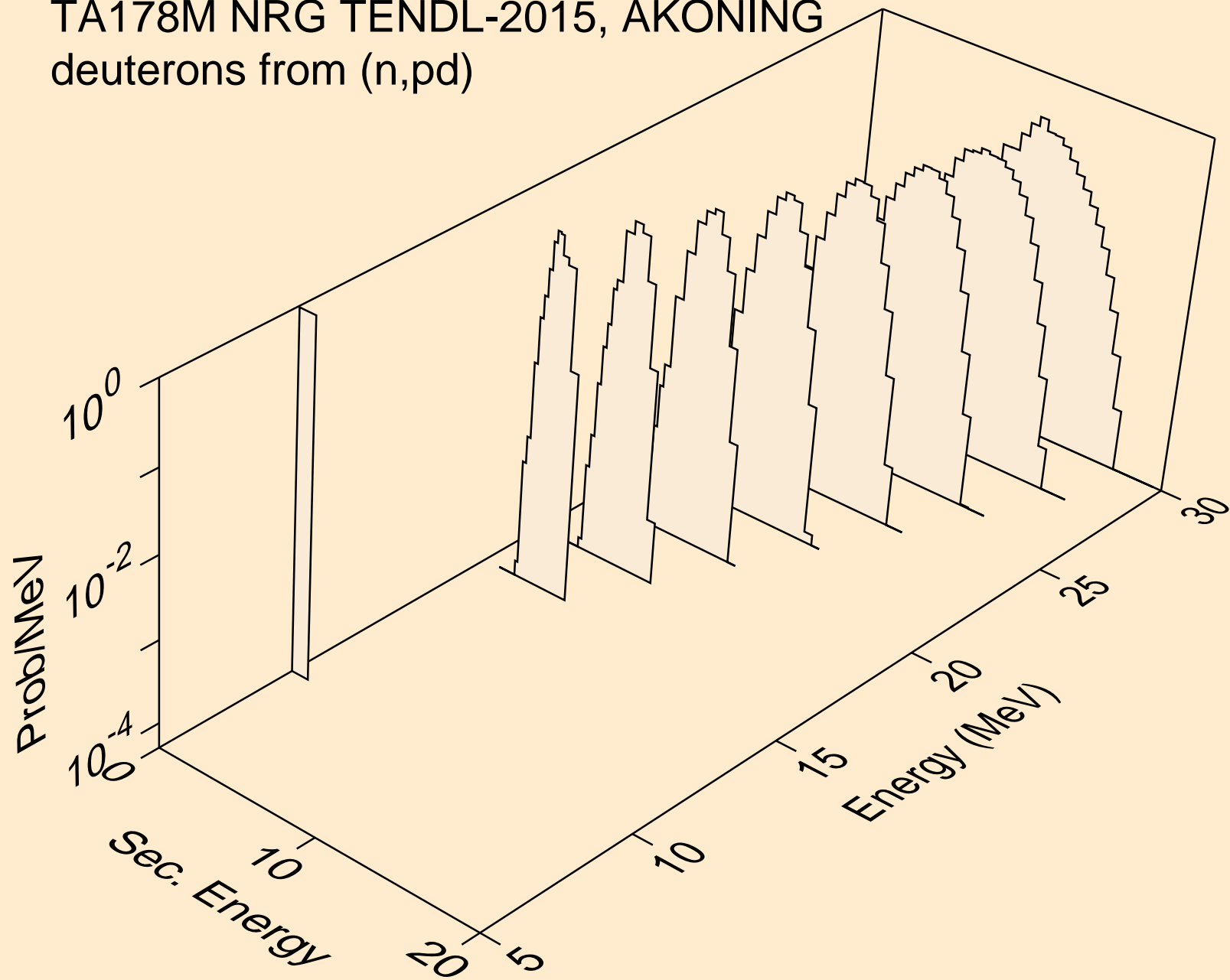
TA178M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



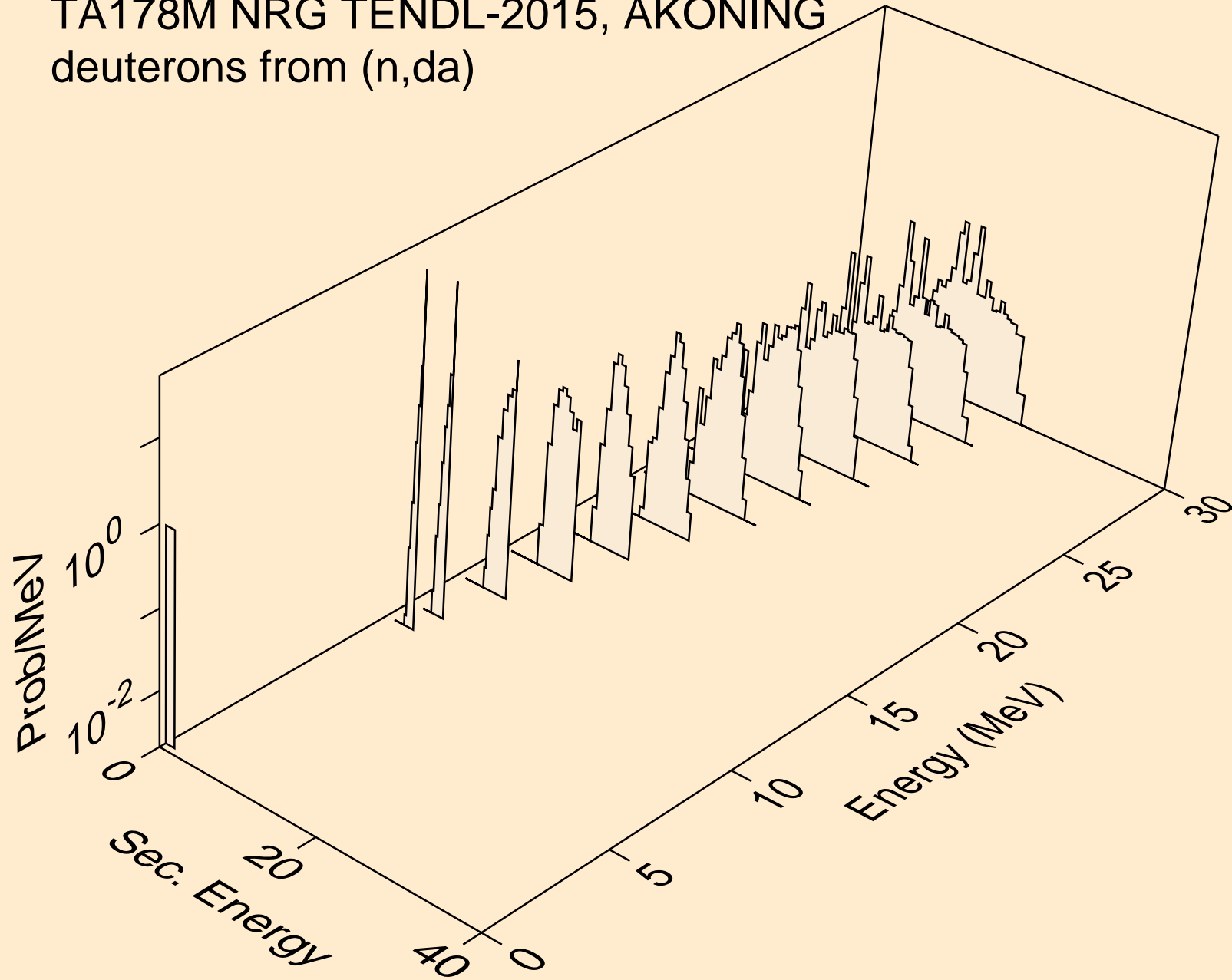
TA178M NRG TENDL-2015, AKONING  
deuterons from (n,d)



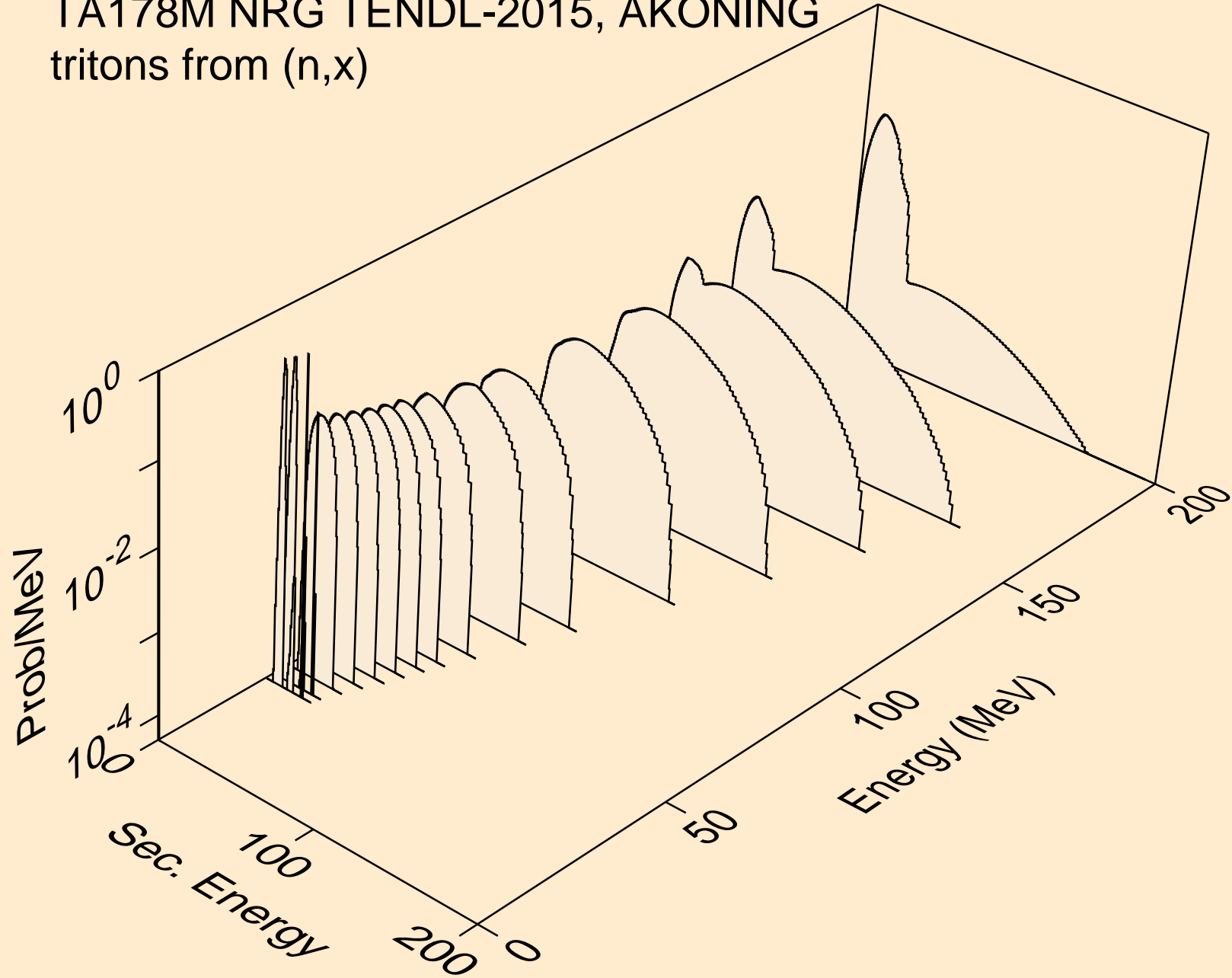
TA178M NRG TENDL-2015, AKONING  
deuterons from (n,pd)



TA178M NRG TENDL-2015, AKONING  
deuterons from (n,da)

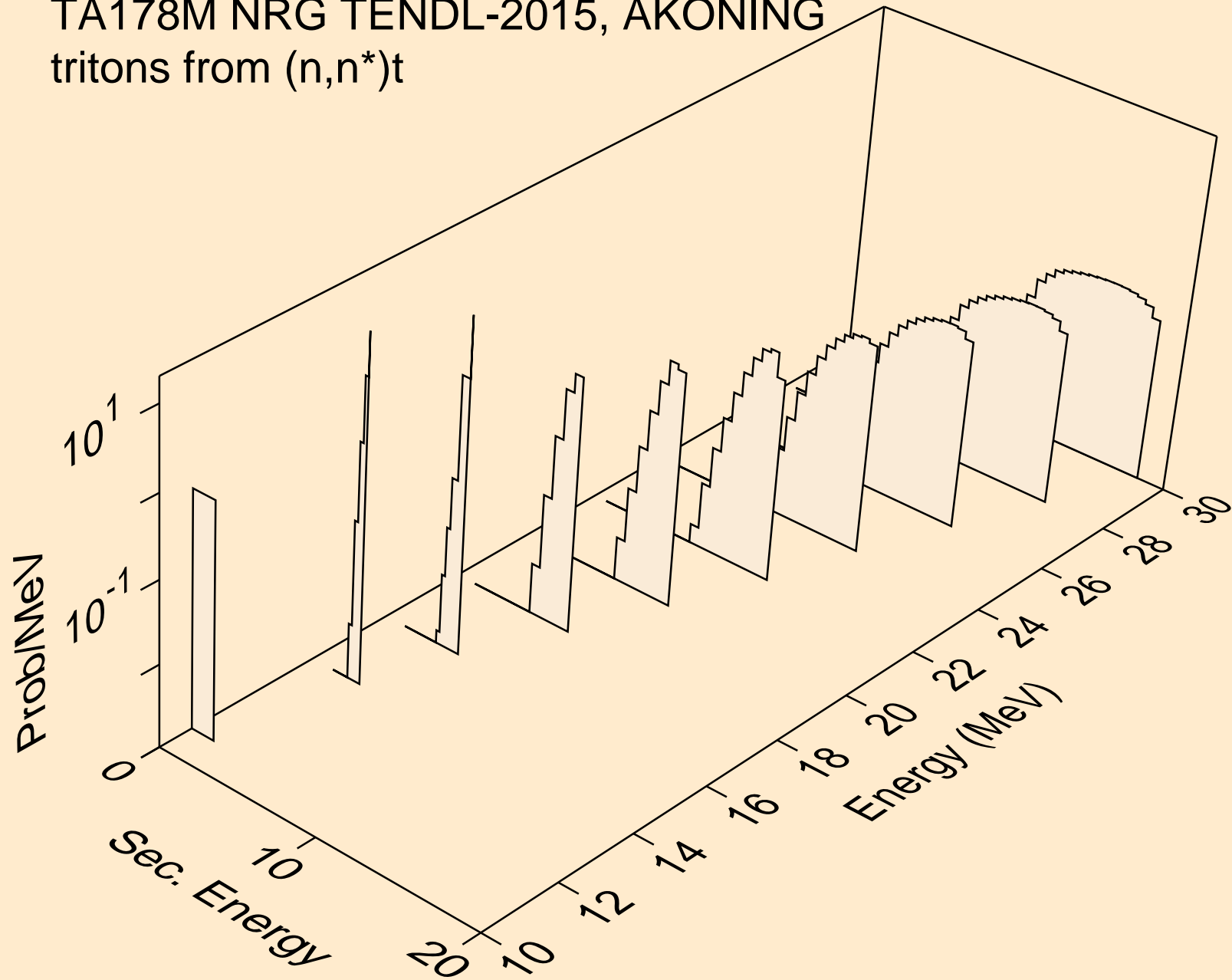


TA178M NRG TENDL-2015, AKONING  
tritons from (n,x)

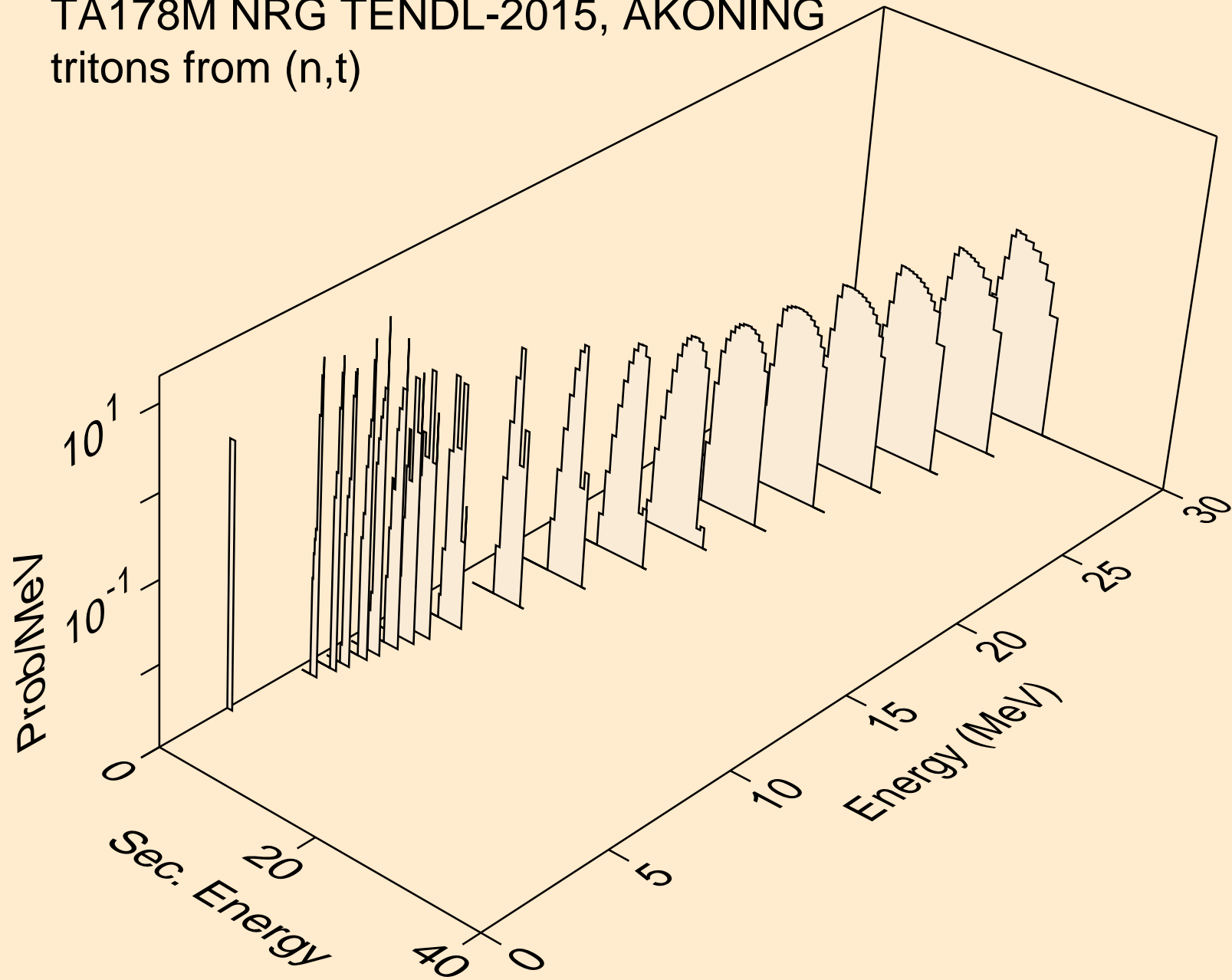




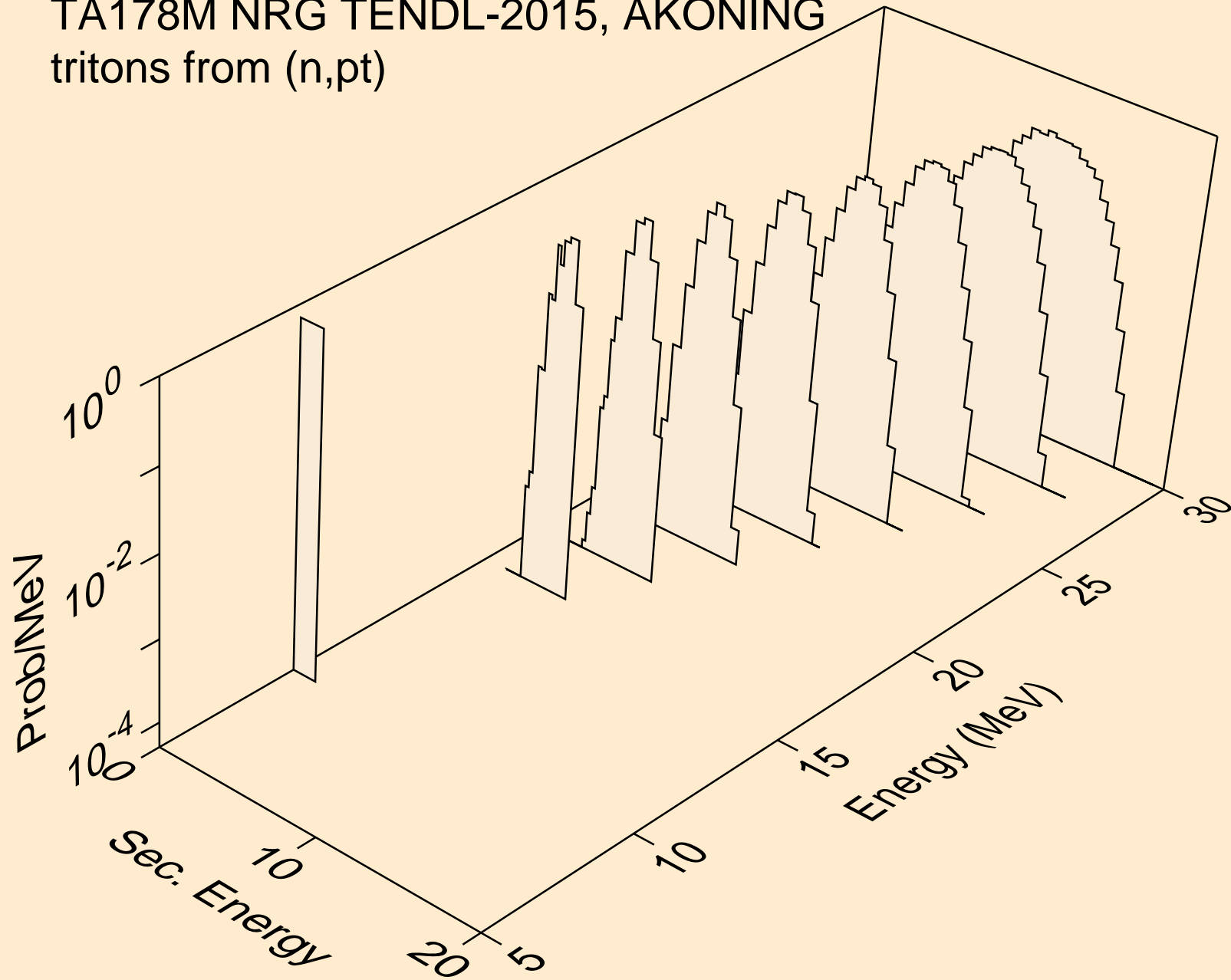
TA178M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



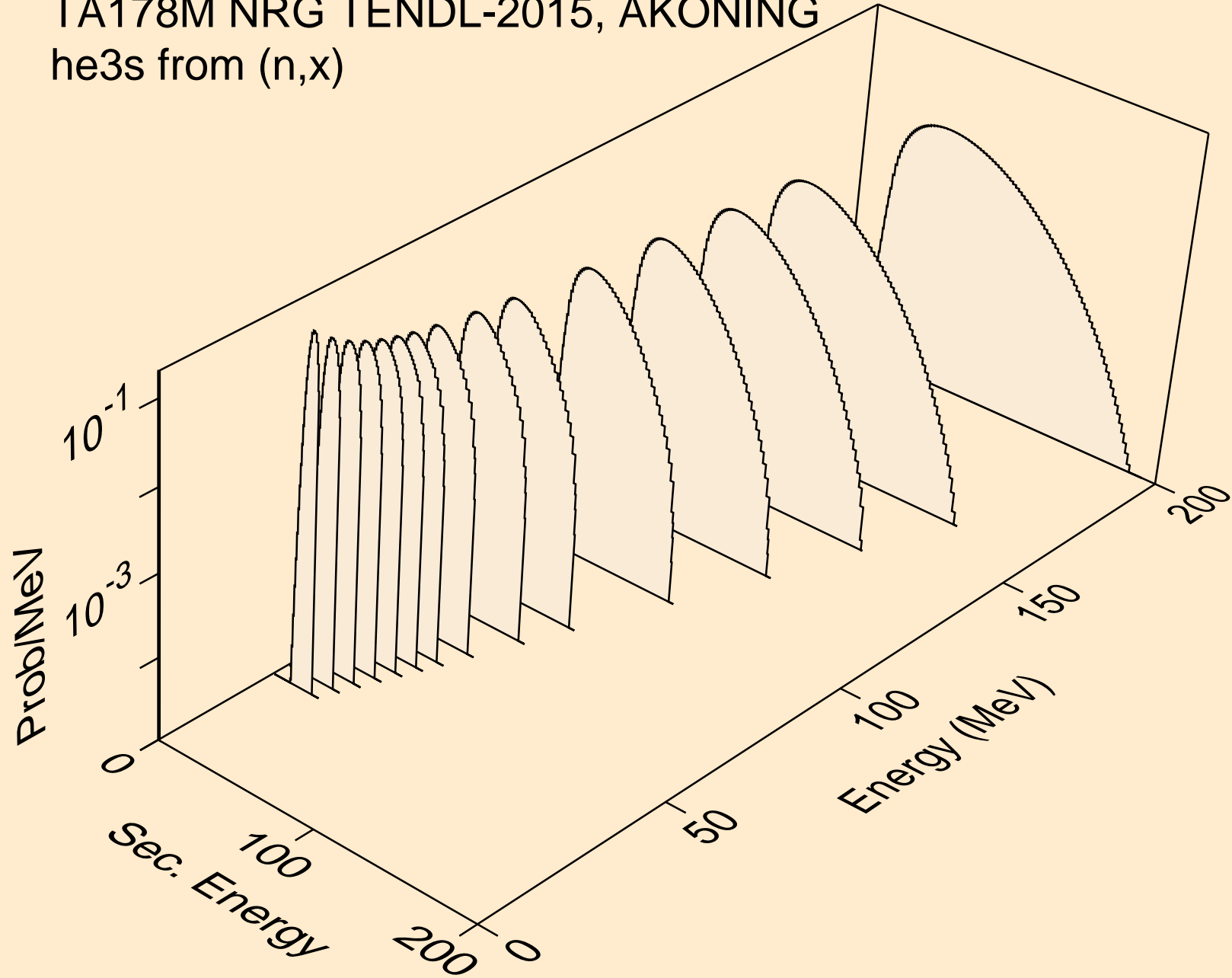
TA178M NRG TENDL-2015, AKONING  
tritons from (n,t)



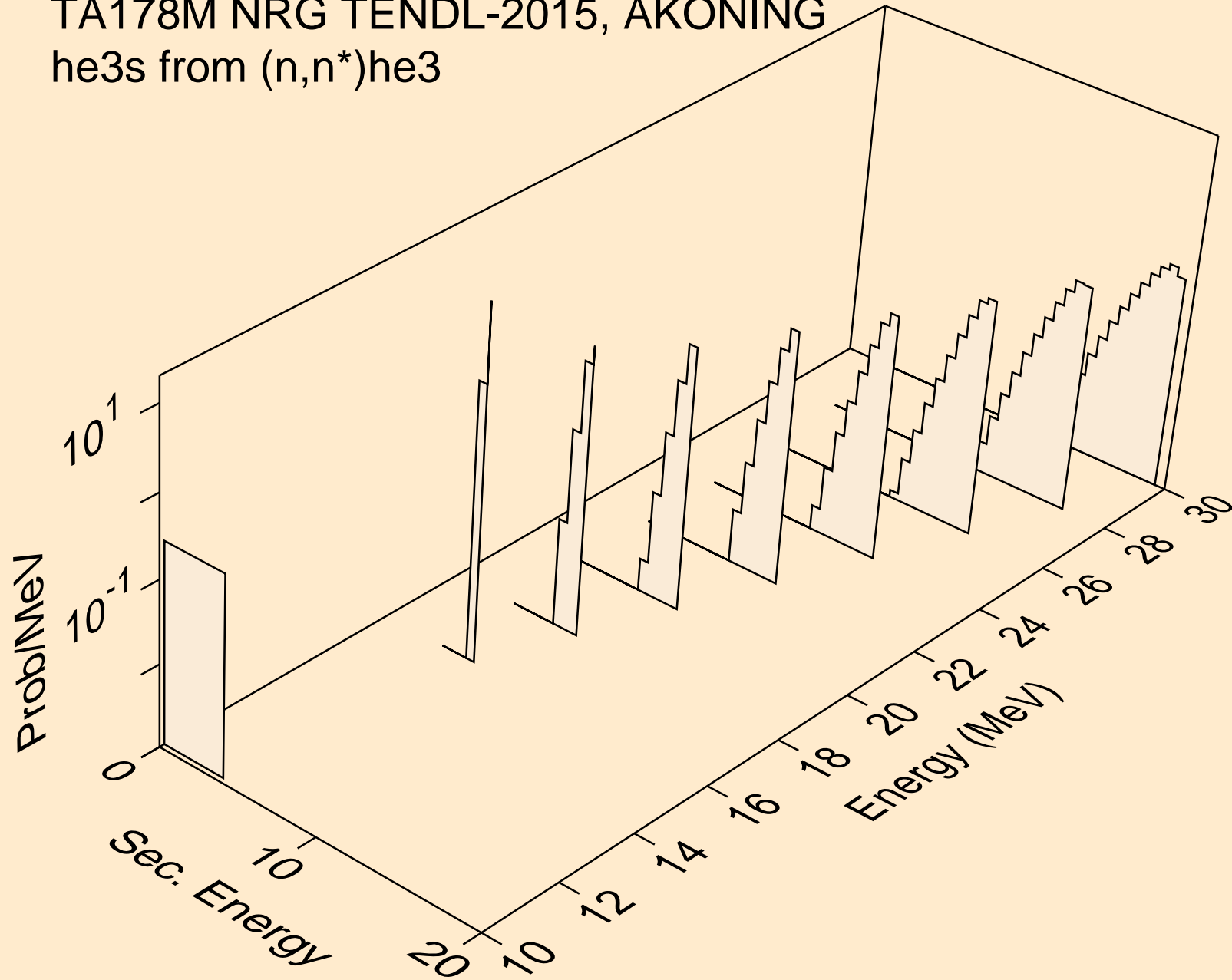
TA178M NRG TENDL-2015, AKONING  
tritons from (n,pt)



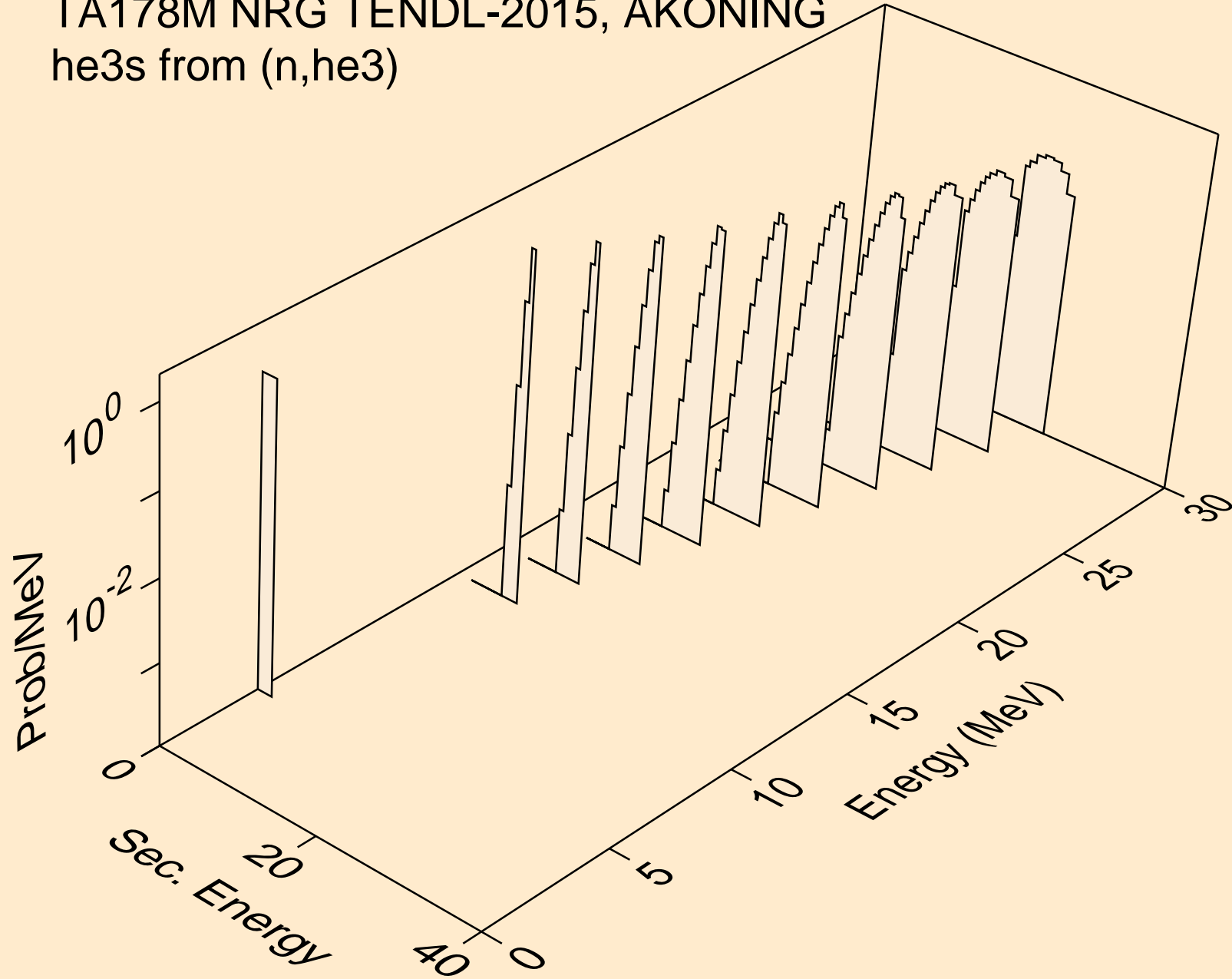
TA178M NRG TENDL-2015, AKONING  
he3s from (n,x)



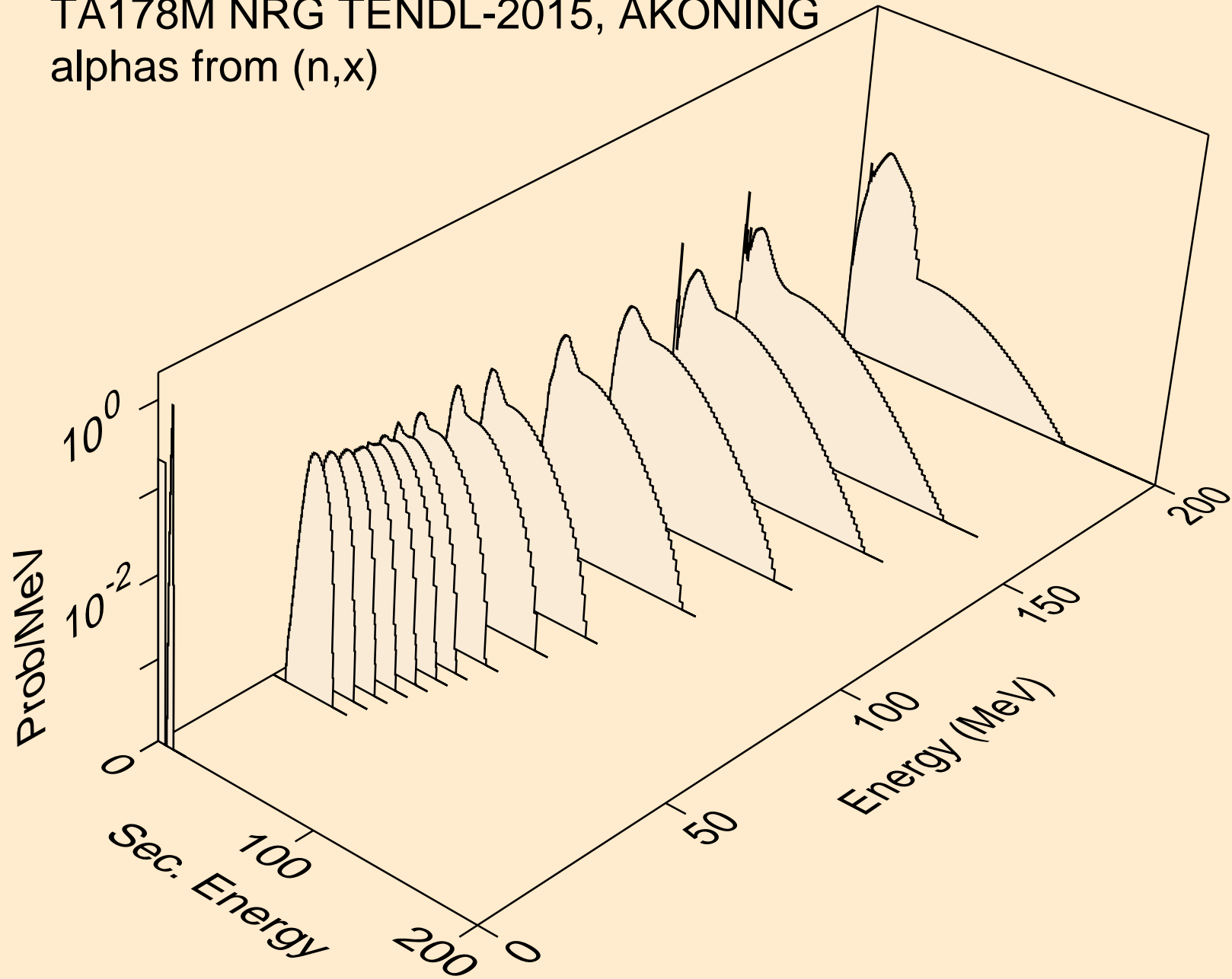
TA178M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



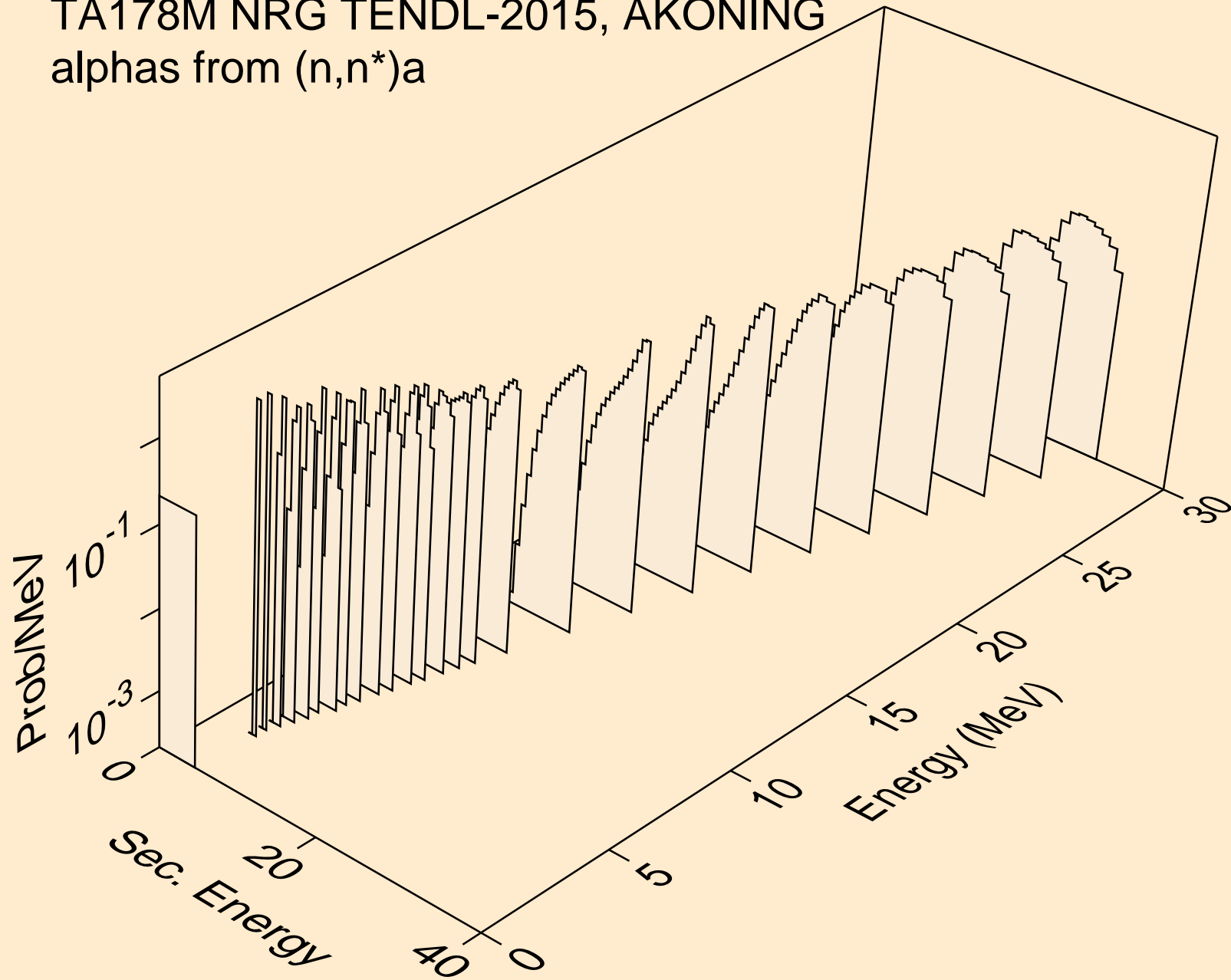
TA178M NRG TENDL-2015, AKONING  
he3s from (n,he3)



TA178M NRG TENDL-2015, AKONING  
alphas from (n,x)

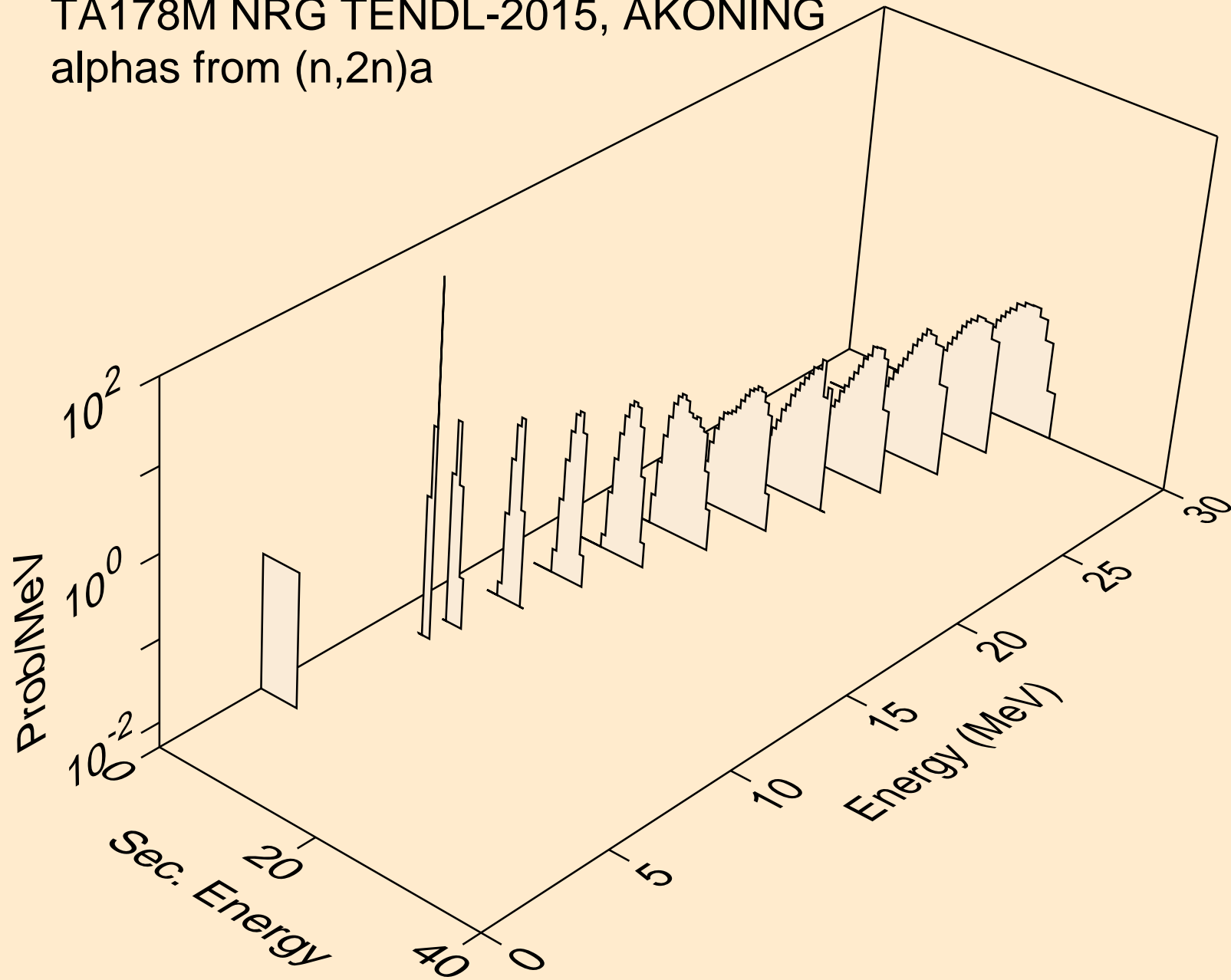


TA178M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

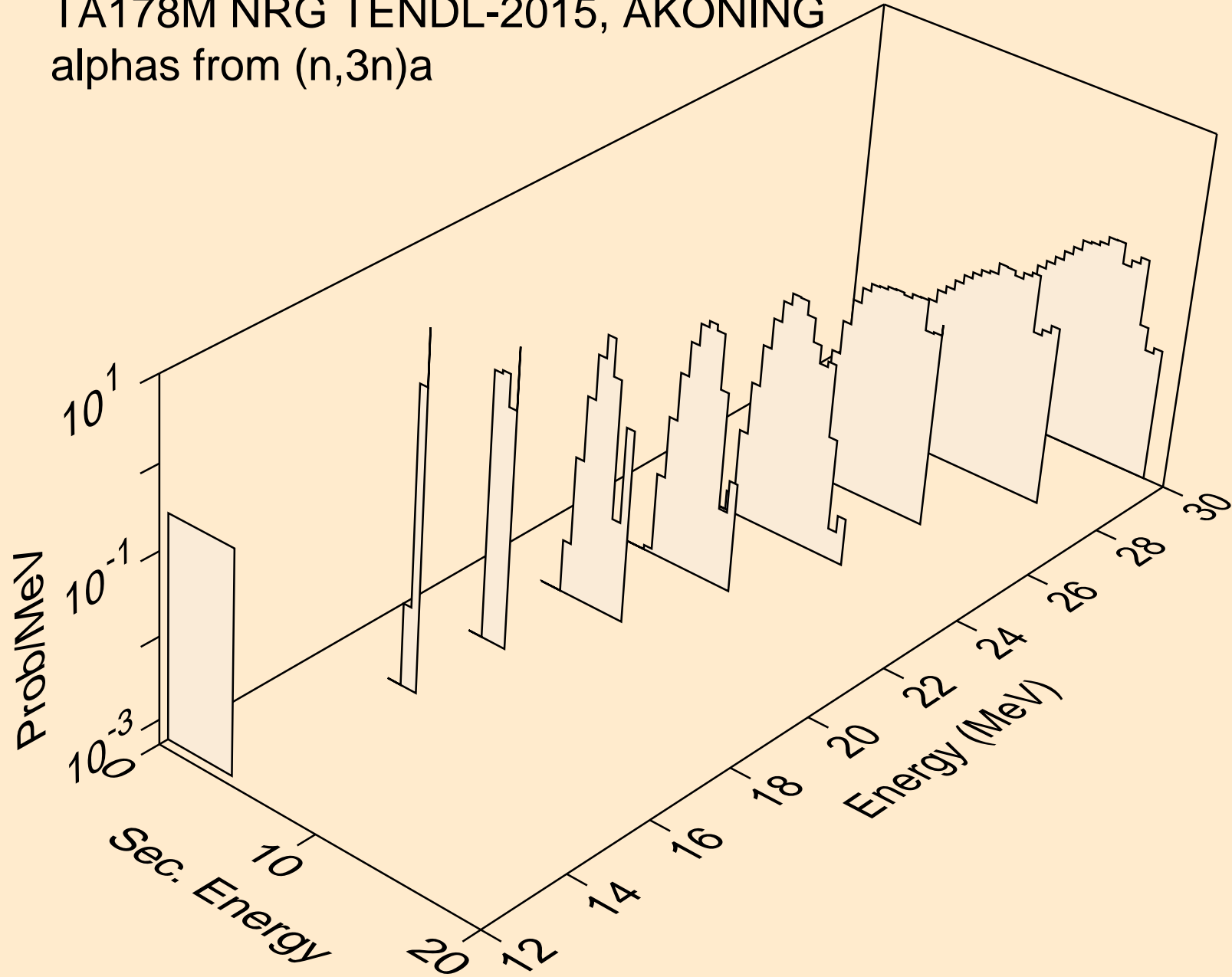




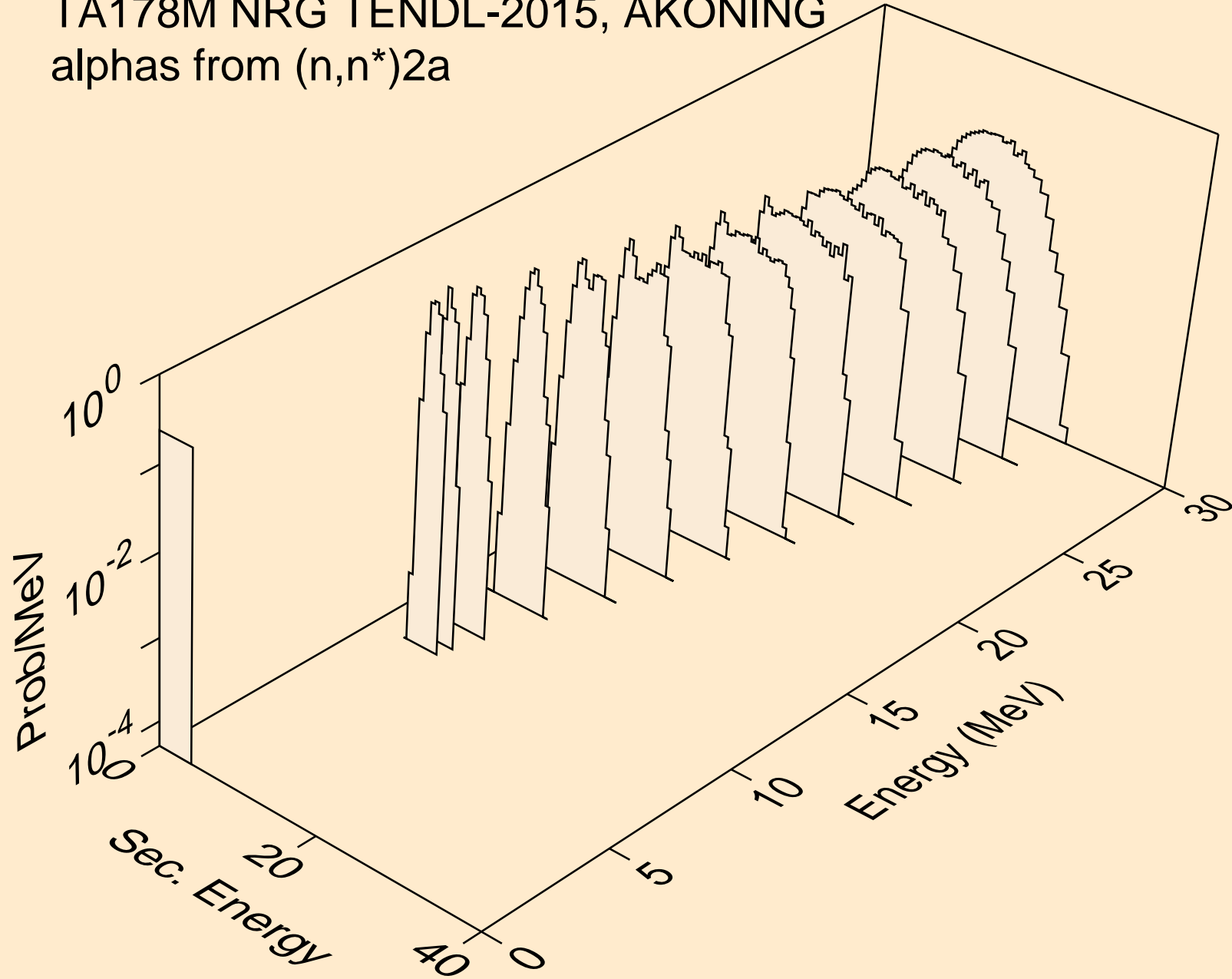
TA178M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



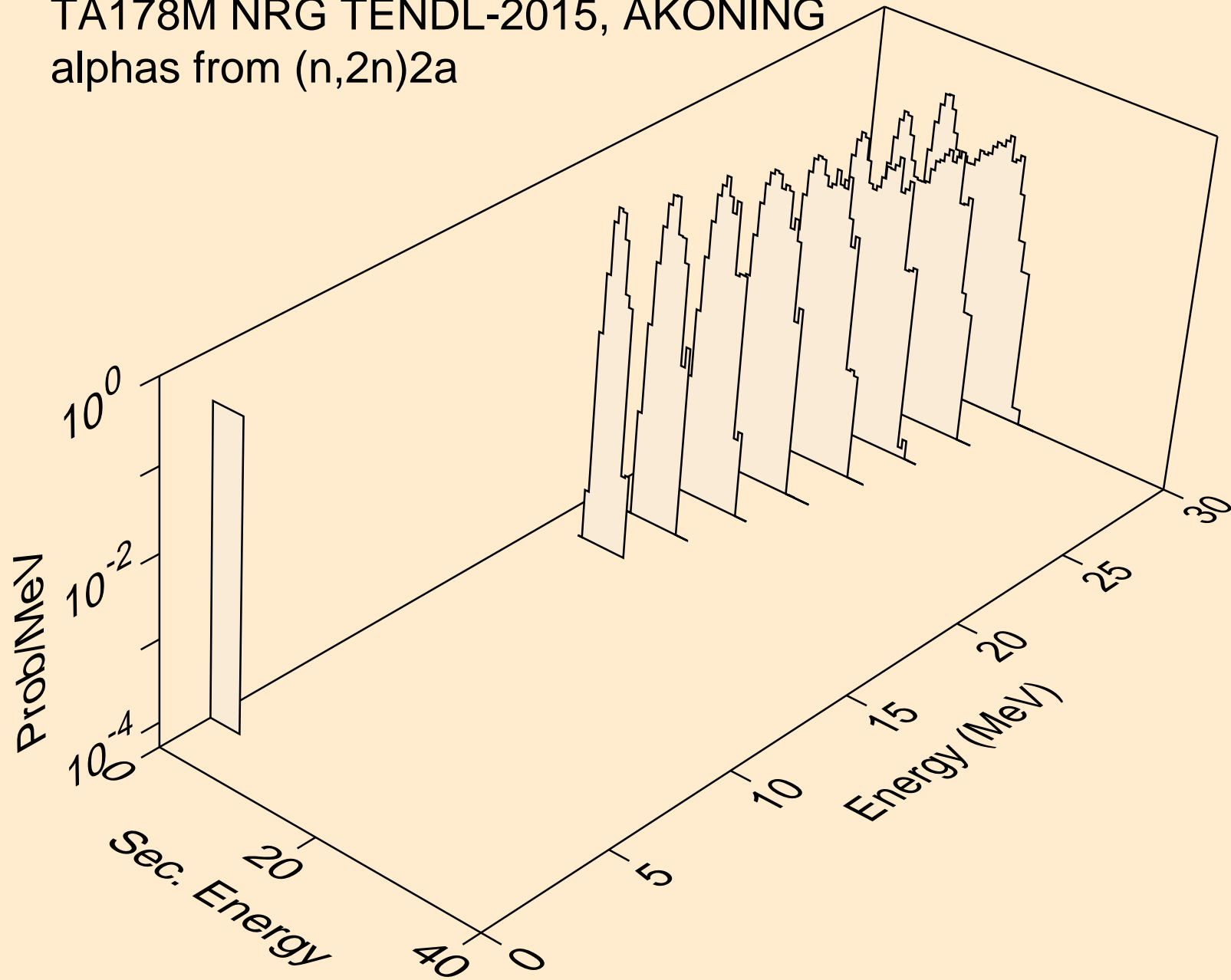
TA178M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



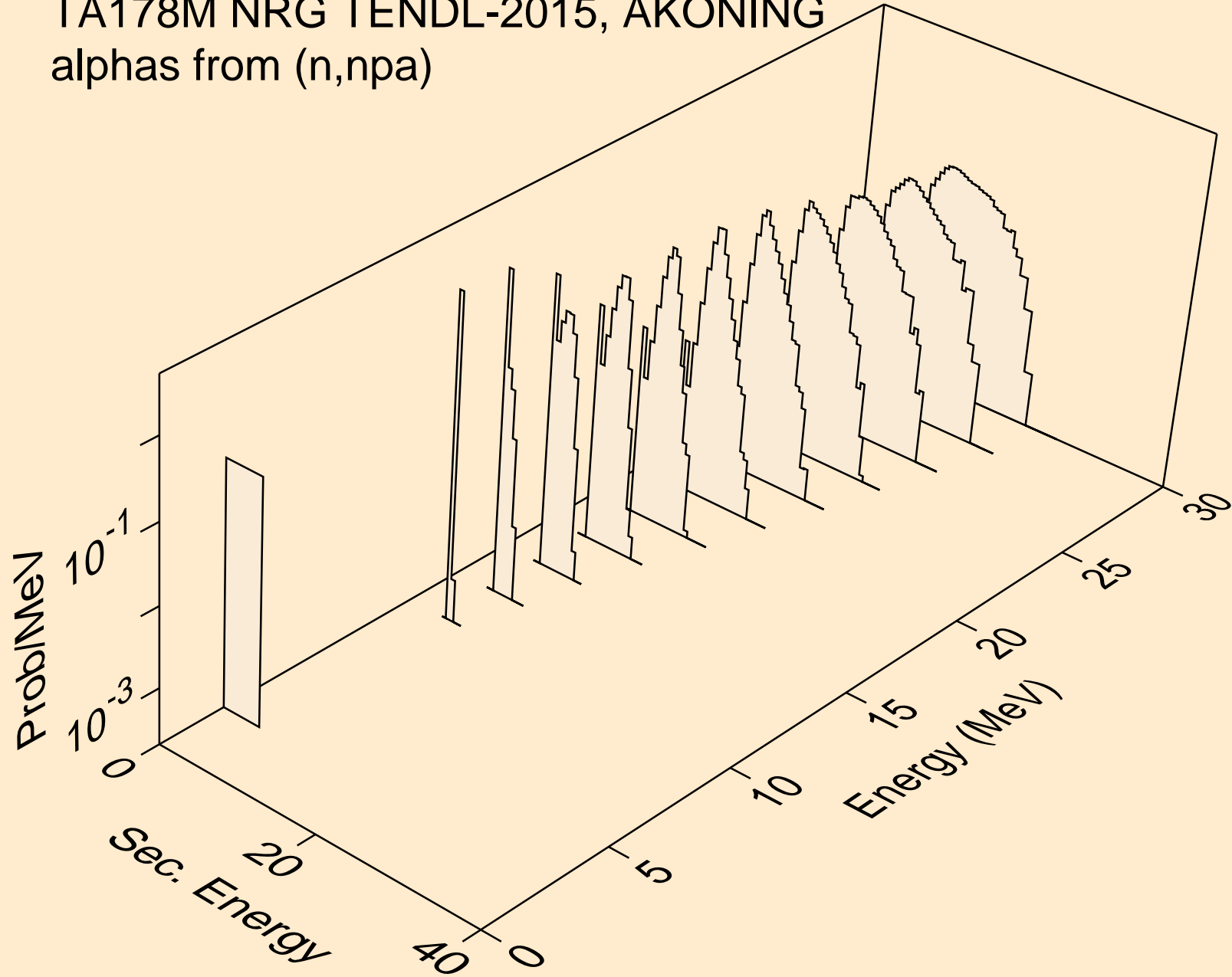
TA178M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



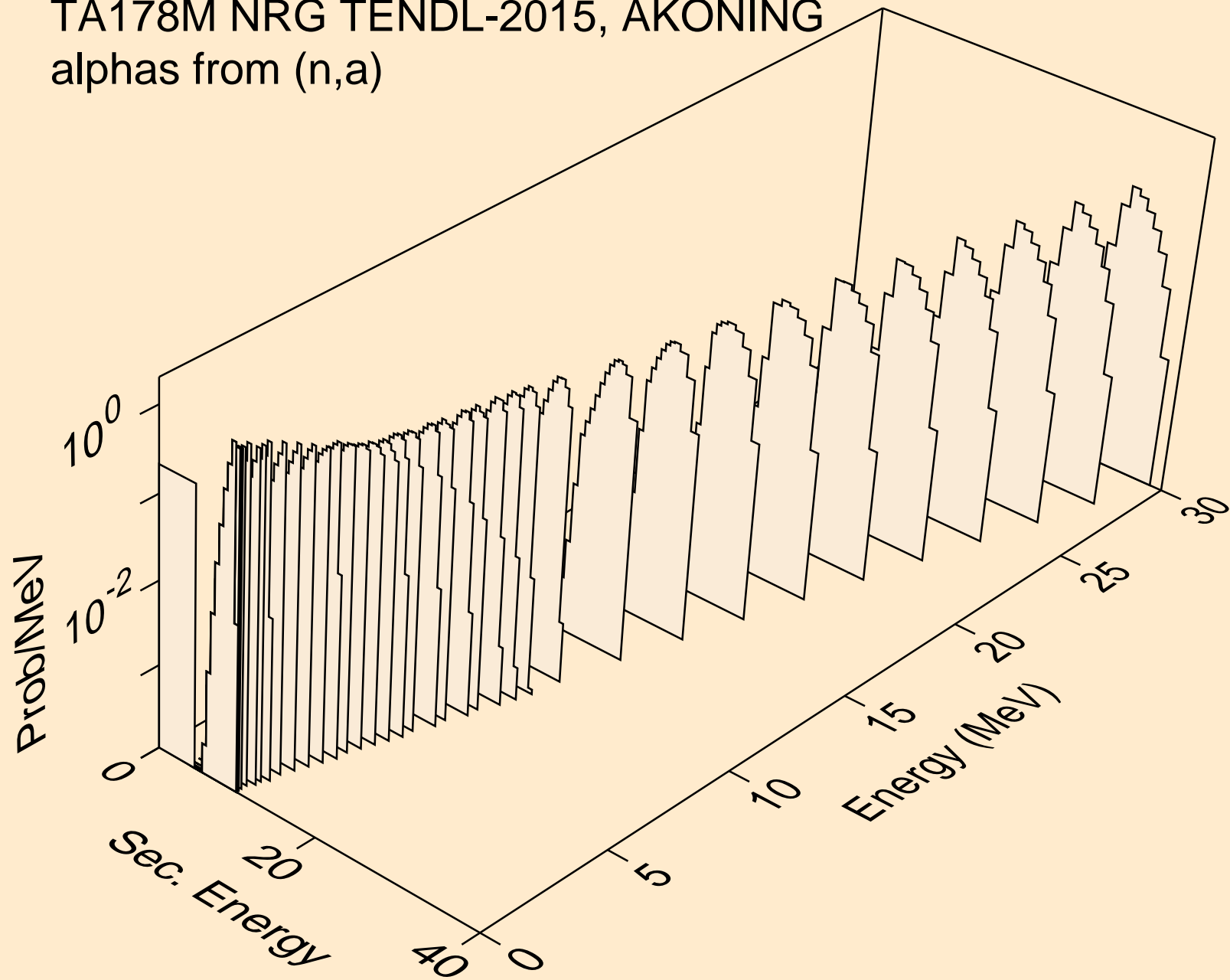
TA178M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



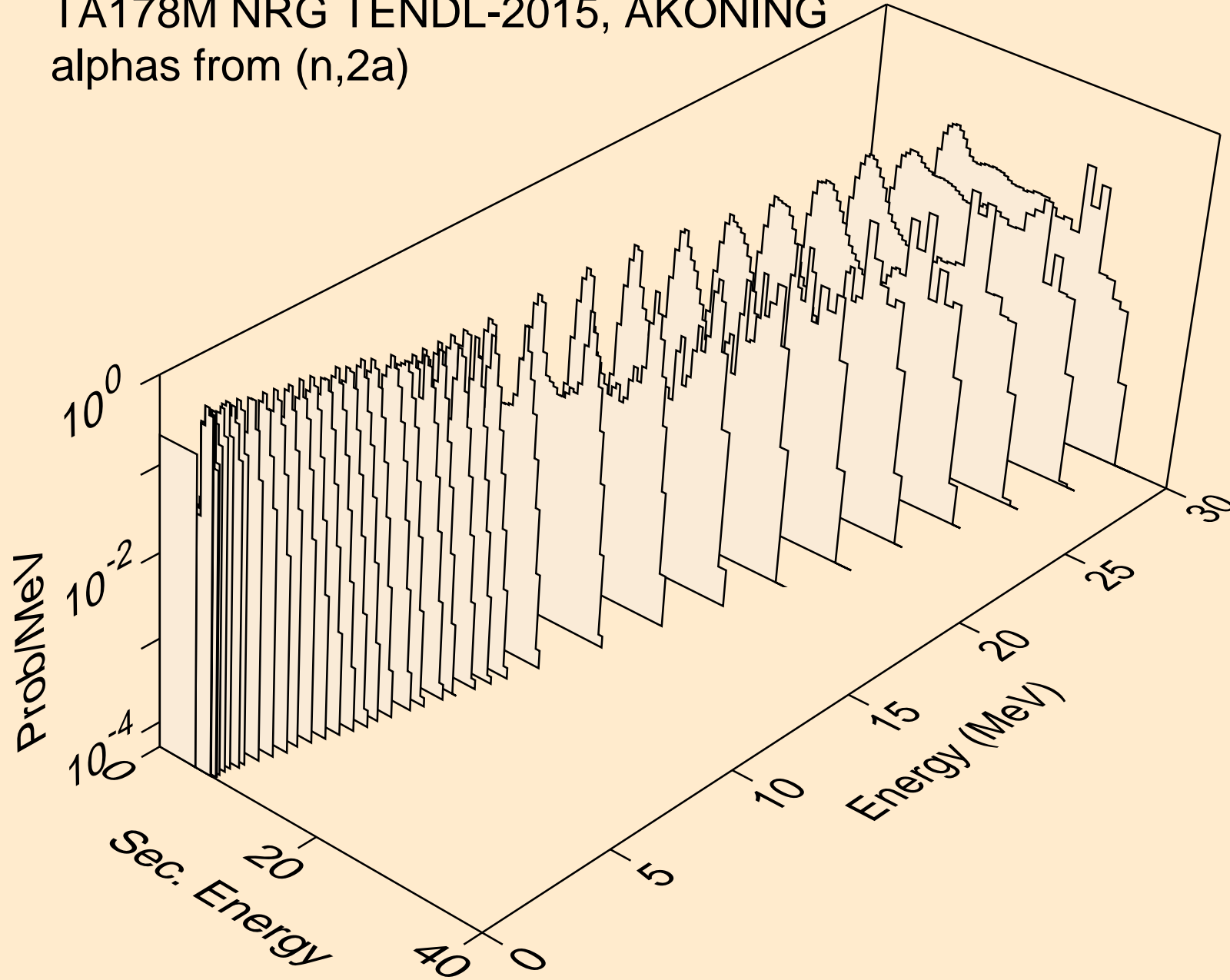
TA178M NRG TENDL-2015, AKONING  
alphas from (n,npa)



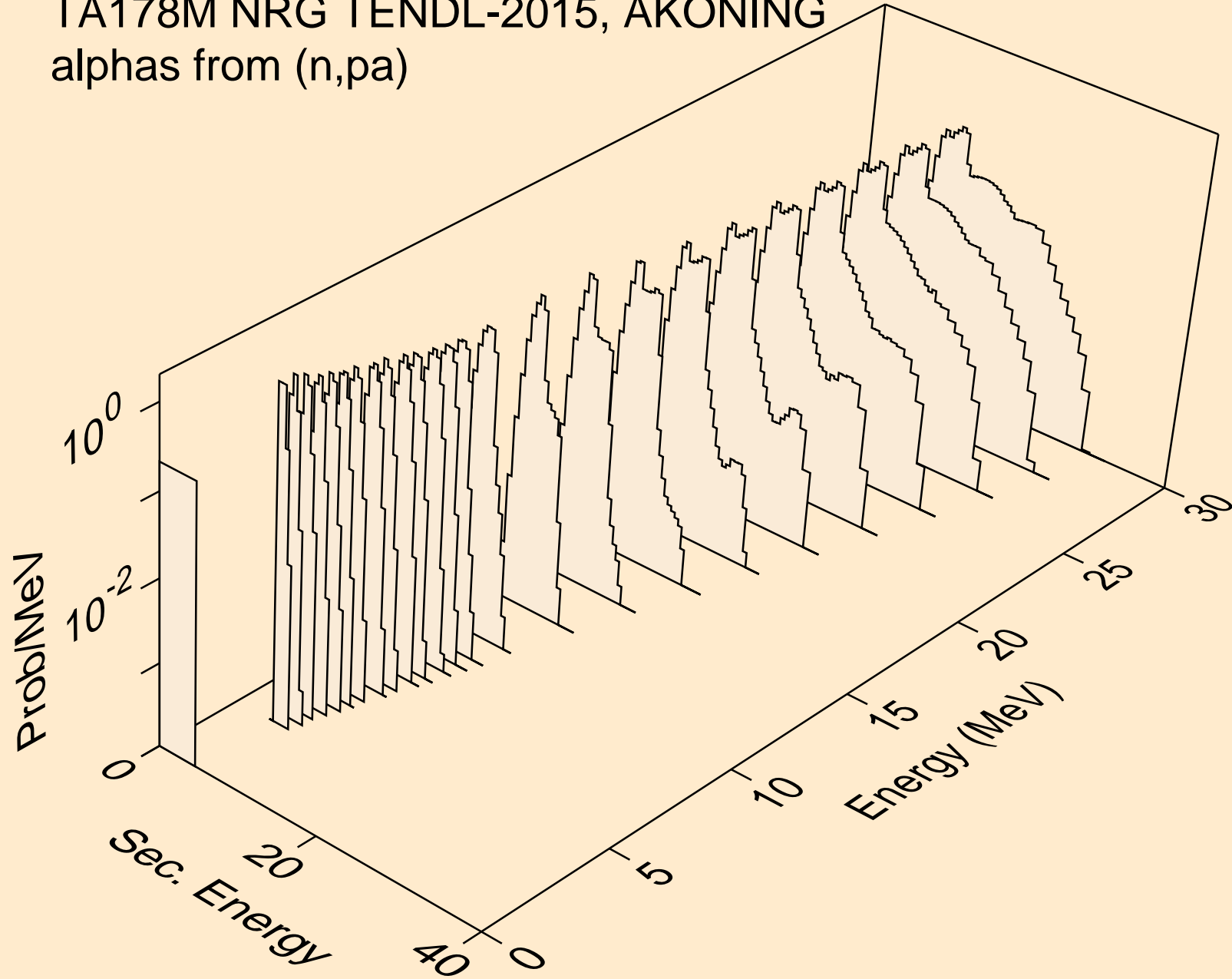
TA178M NRG TENDL-2015, AKONING  
alphas from (n,a)



TA178M NRG TENDL-2015, AKONING  
alphas from (n,2a)



TA178M NRG TENDL-2015, AKONING  
alphas from (n,pa)





TA178M NRG TENDL-2015, AKONING  
alphas from (n,da)

