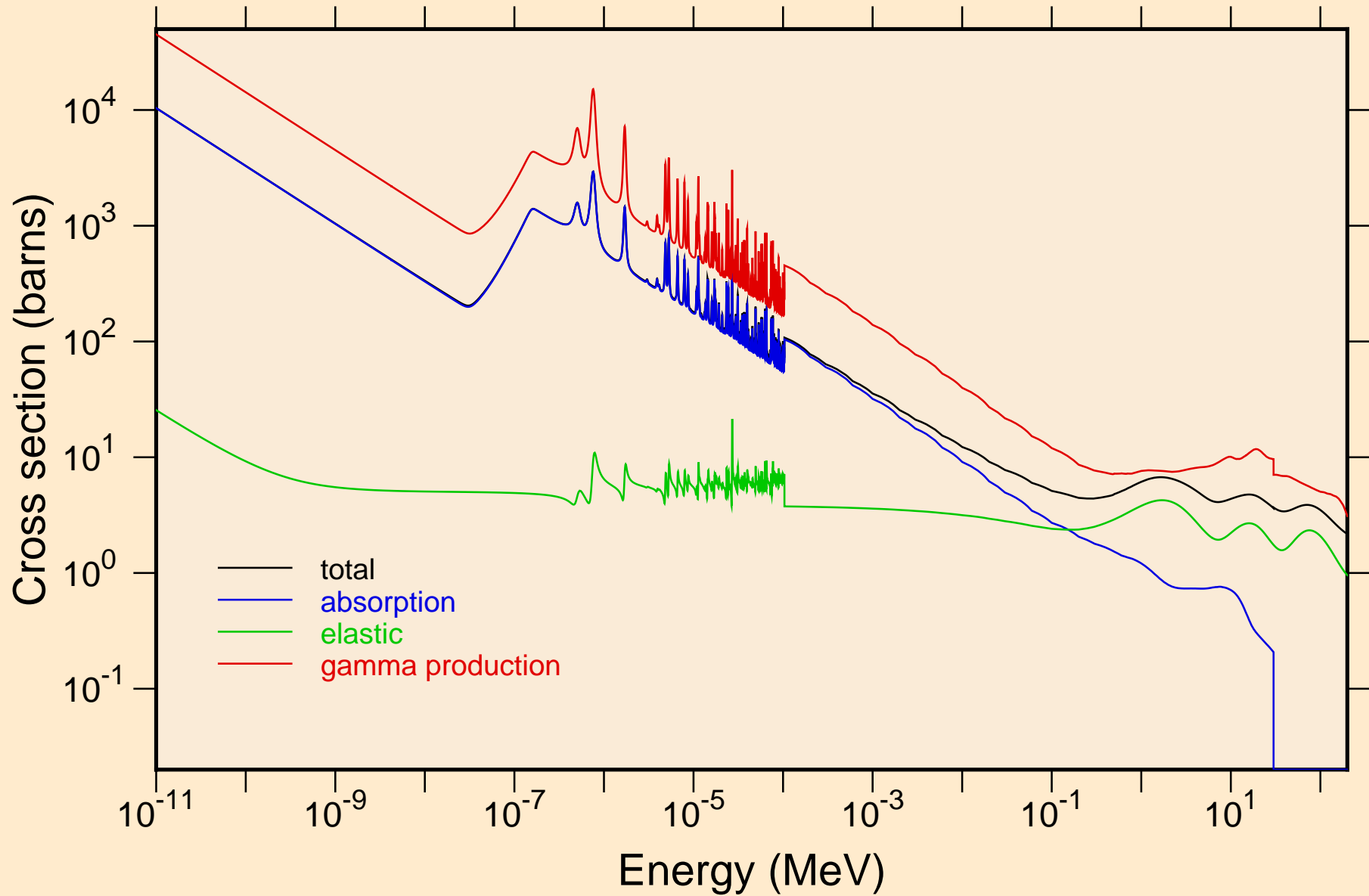
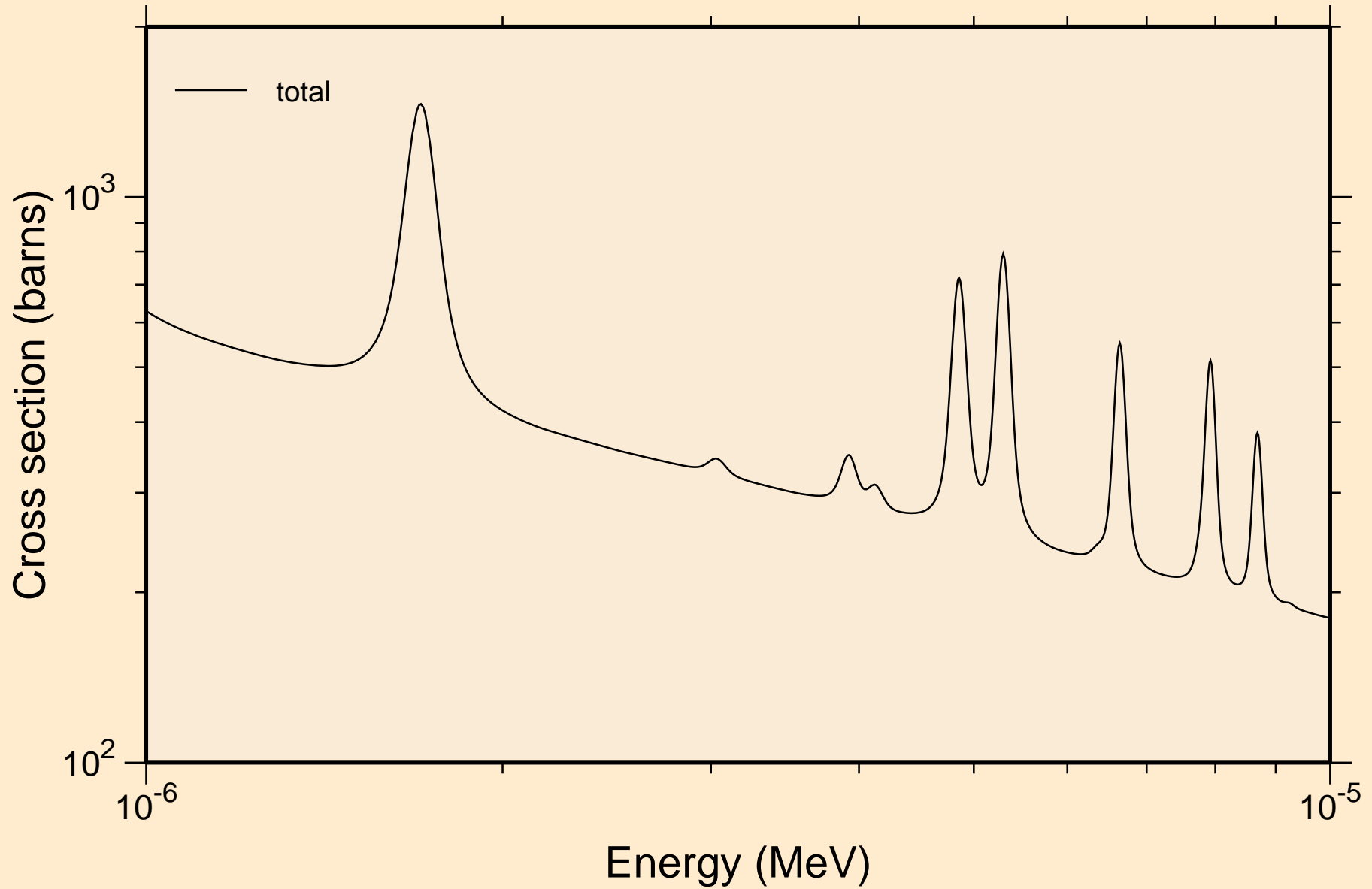


# ND133 NRG TENDL-2015, AKONING

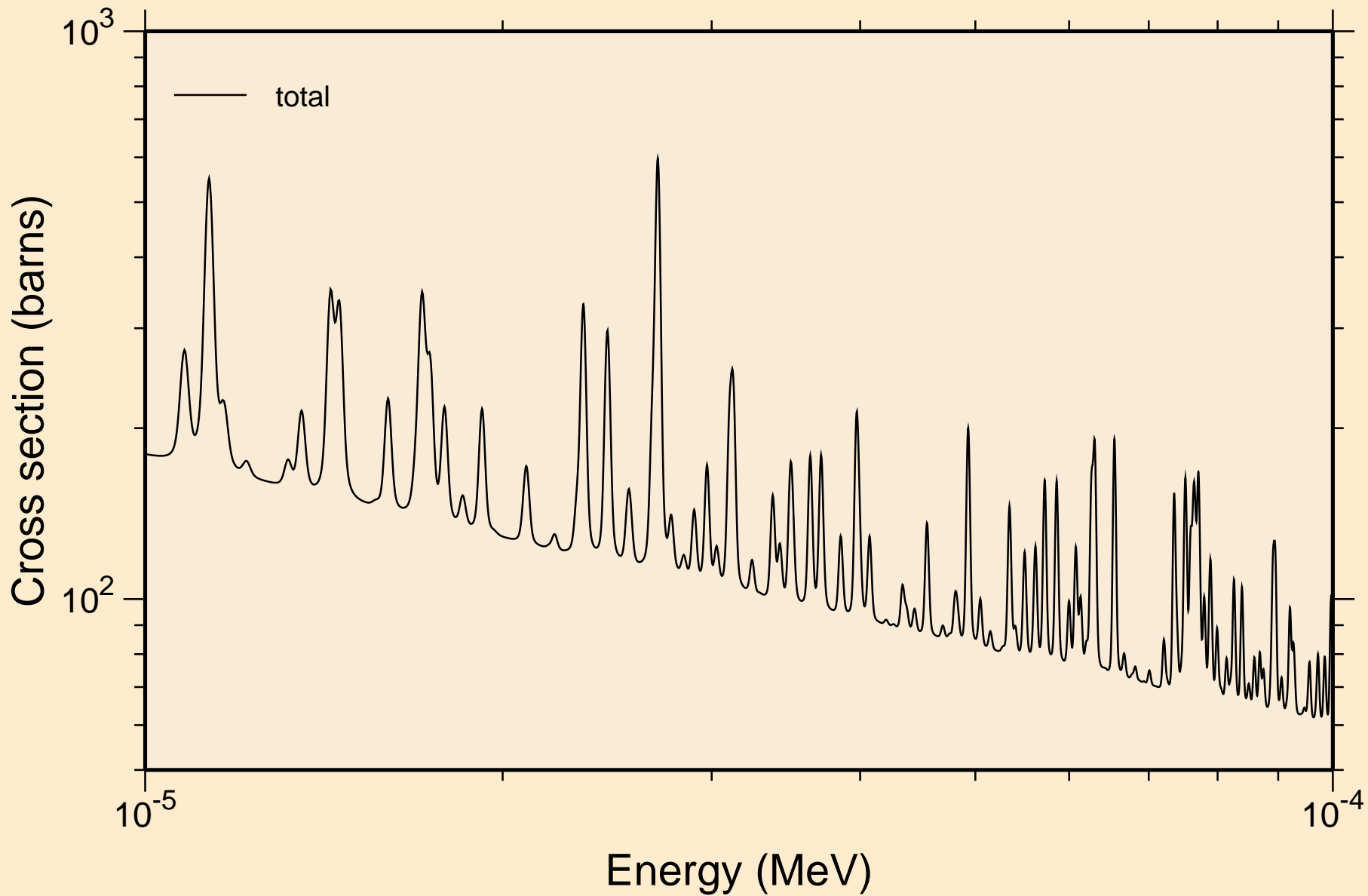
## Principal cross sections



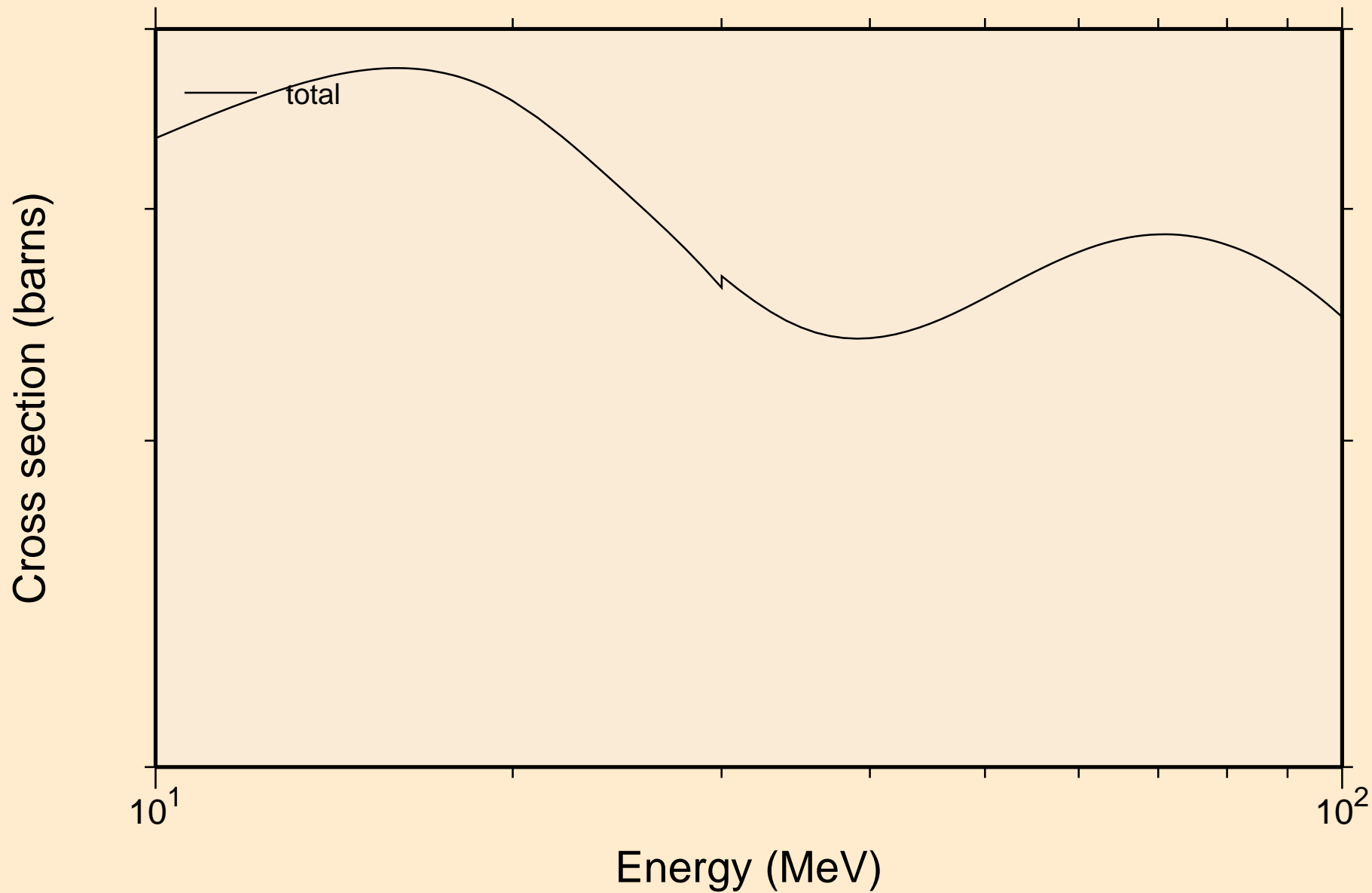
ND133 NRG TENDL-2015, AKONING  
resonance total cross section



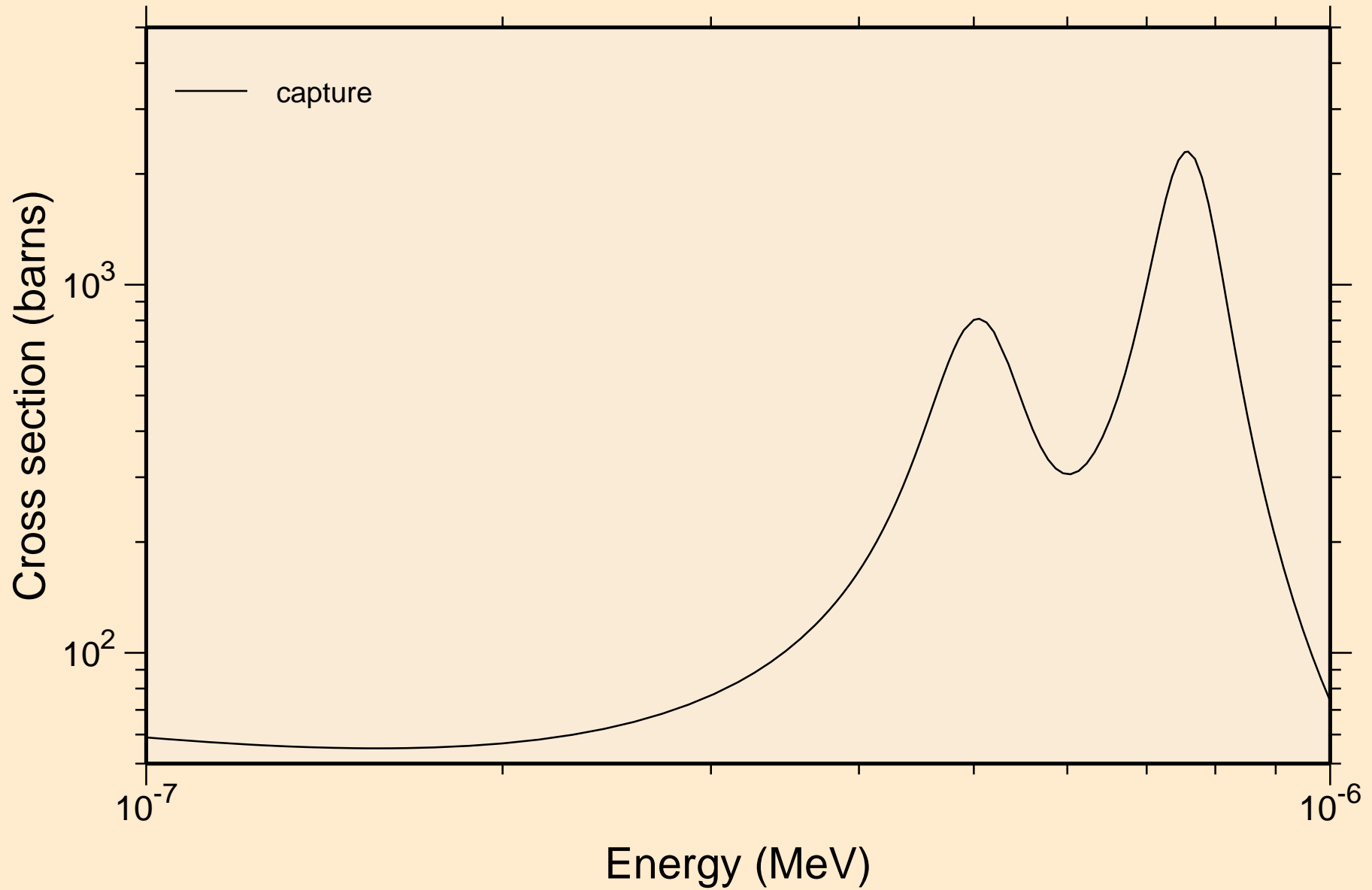
ND133 NRG TENDL-2015, AKONING  
resonance total cross section



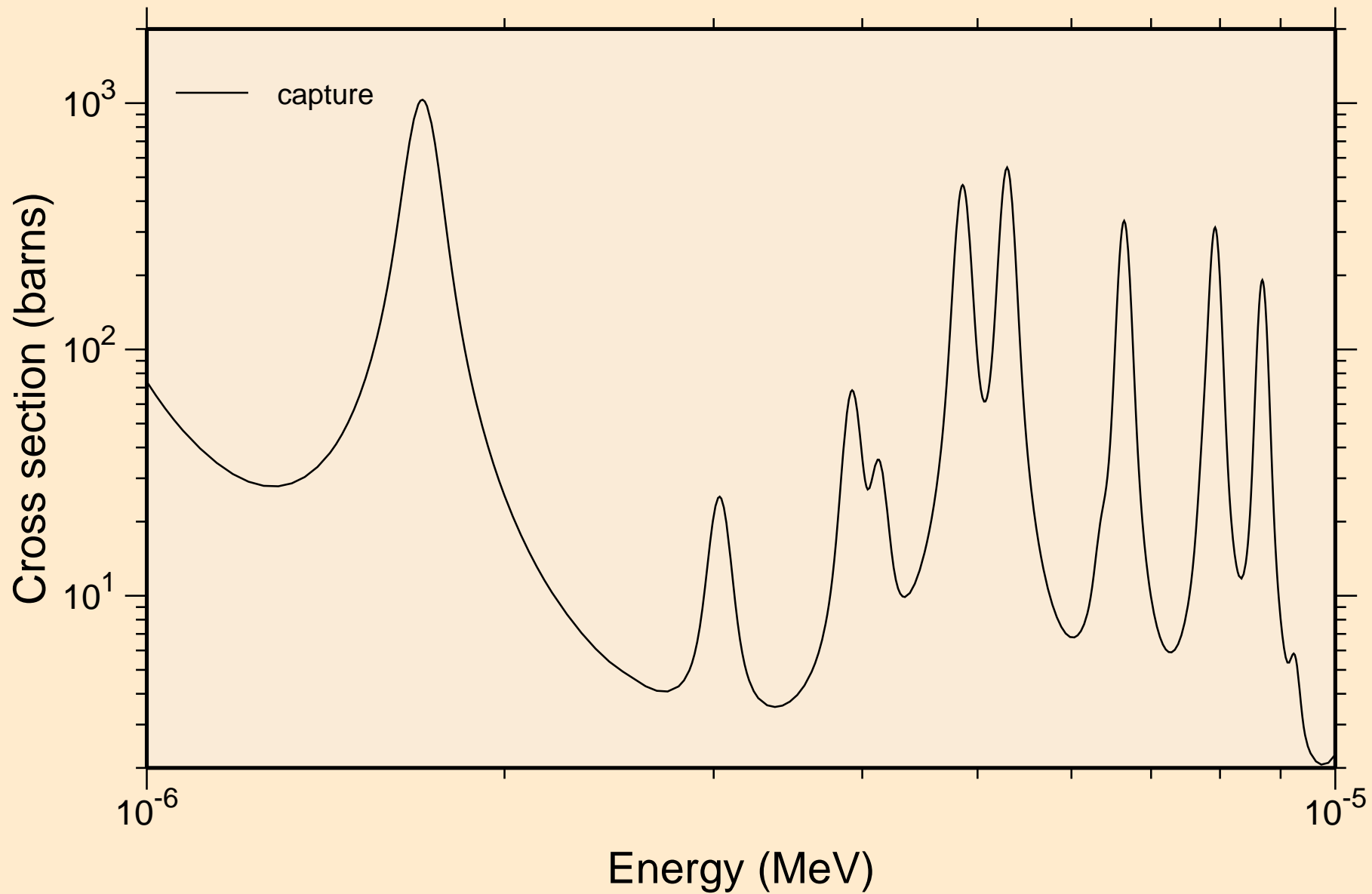
ND133 NRG TENDL-2015, AKONING  
resonance total cross section



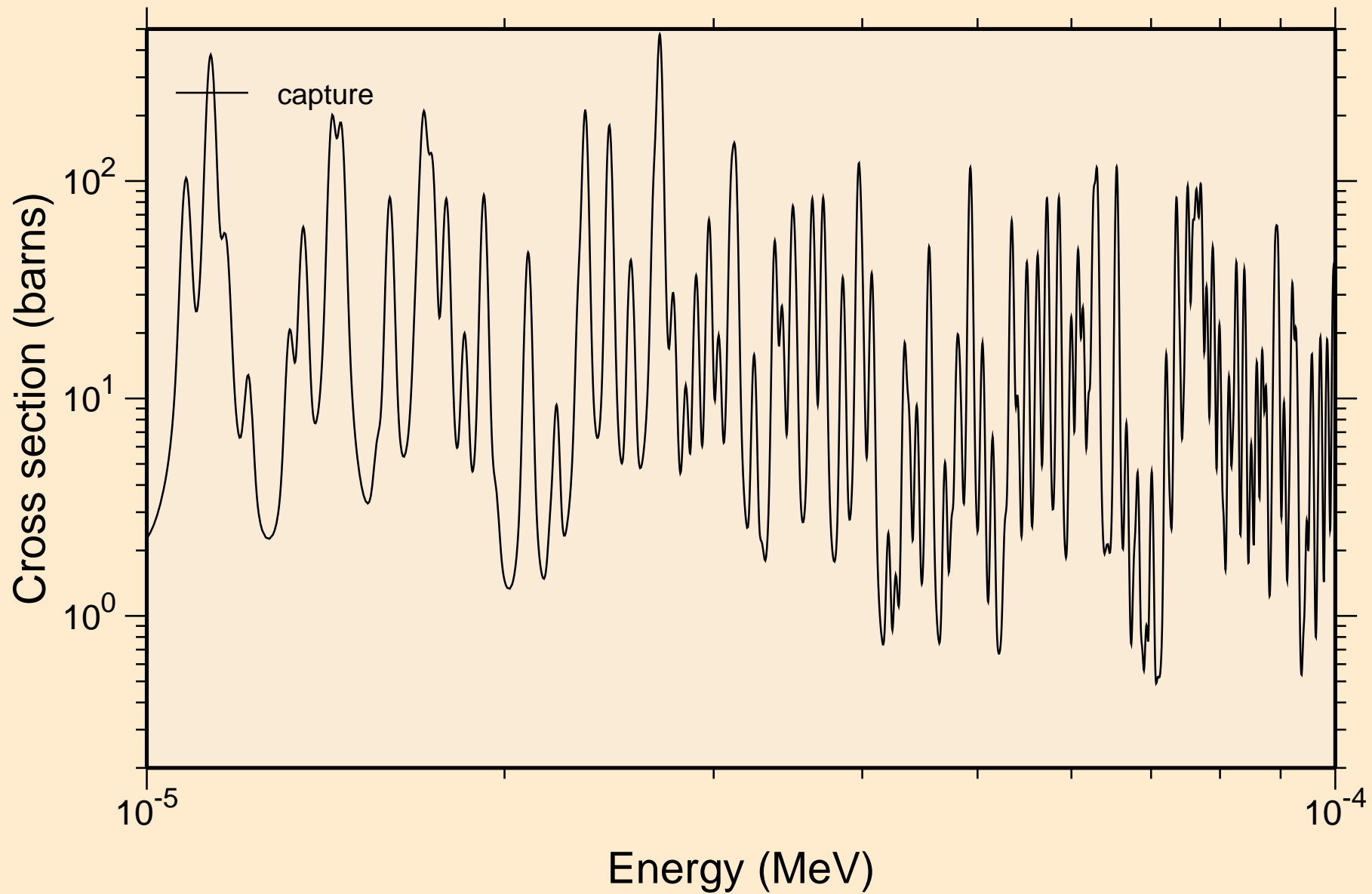
ND133 NRG TENDL-2015, AKONING  
resonance absorption cross sections



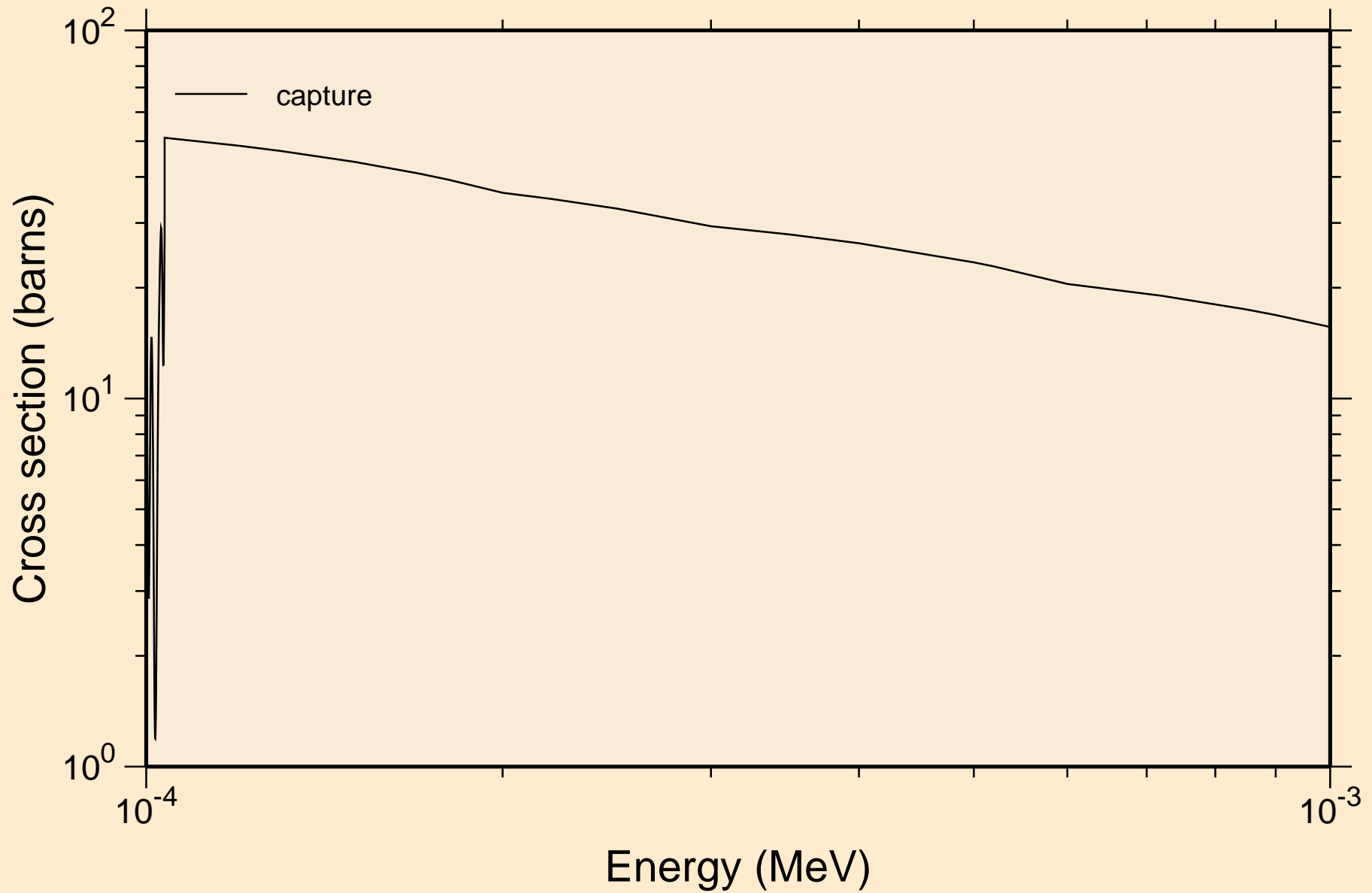
# ND133 NRG TENDL-2015, AKONING resonance absorption cross sections



ND133 NRG TENDL-2015, AKONING  
resonance absorption cross sections

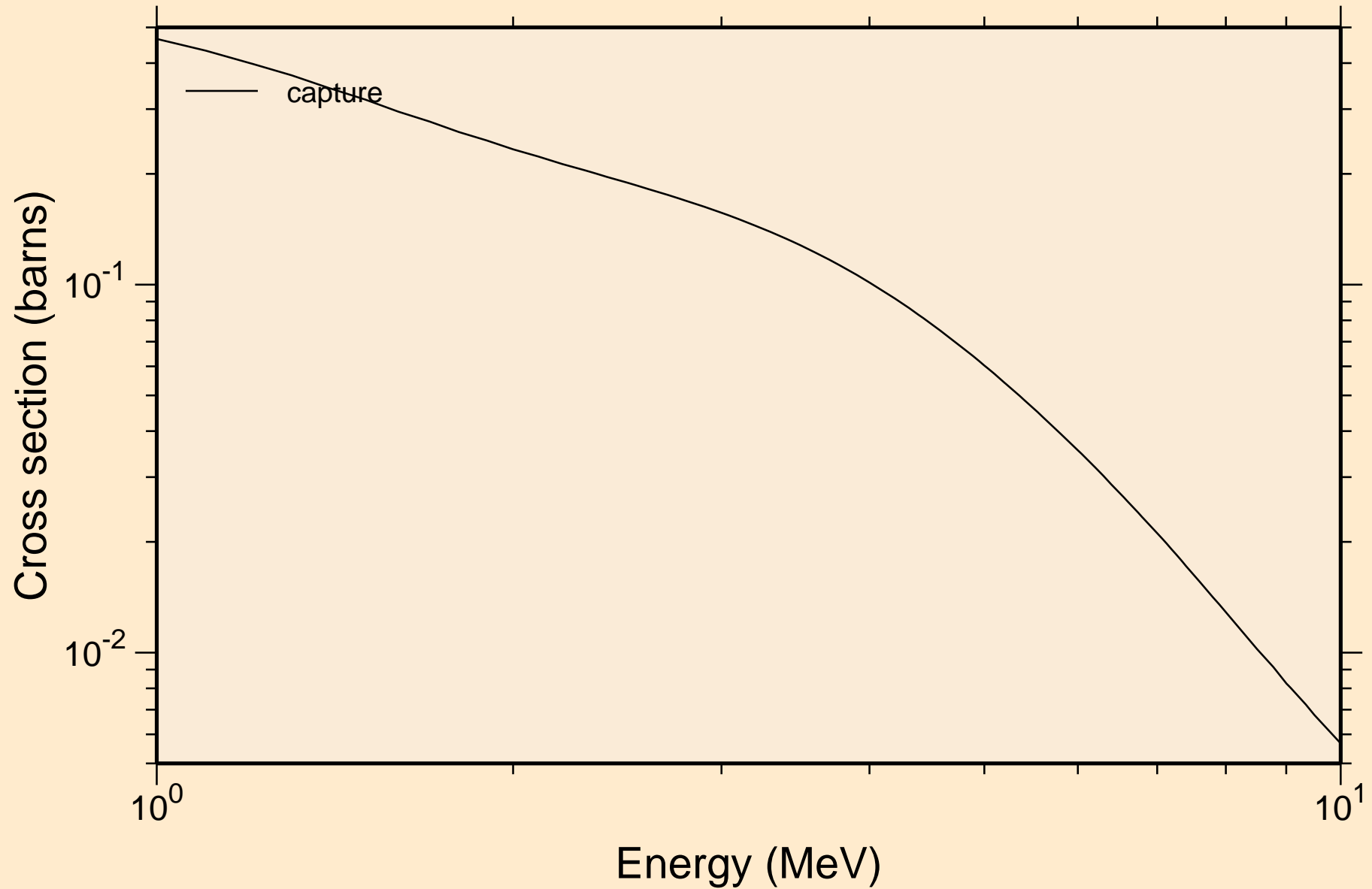


ND133 NRG TENDL-2015, AKONING  
resonance absorption cross sections



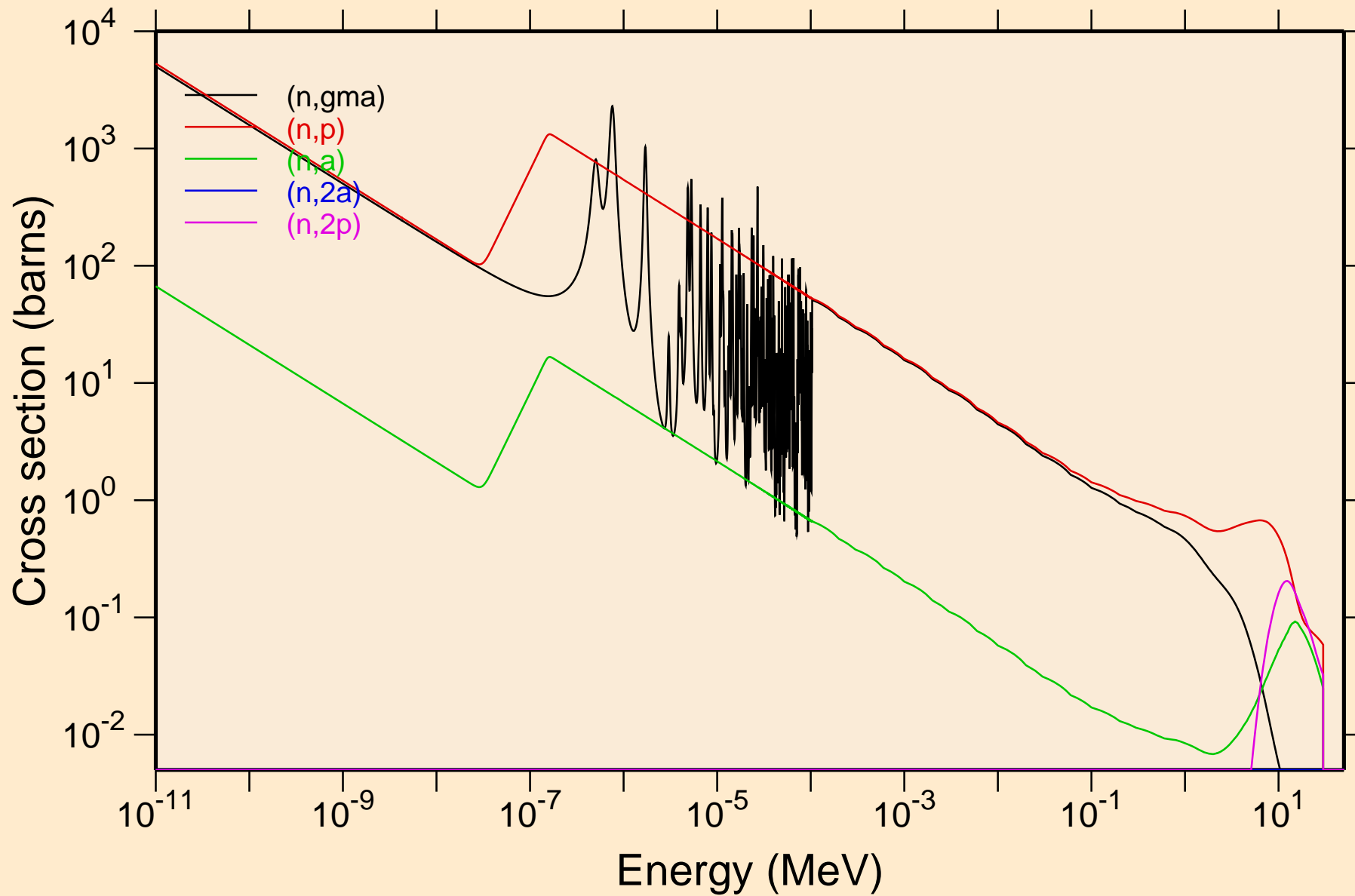


ND133 NRG TENDL-2015, AKONING  
resonance absorption cross sections

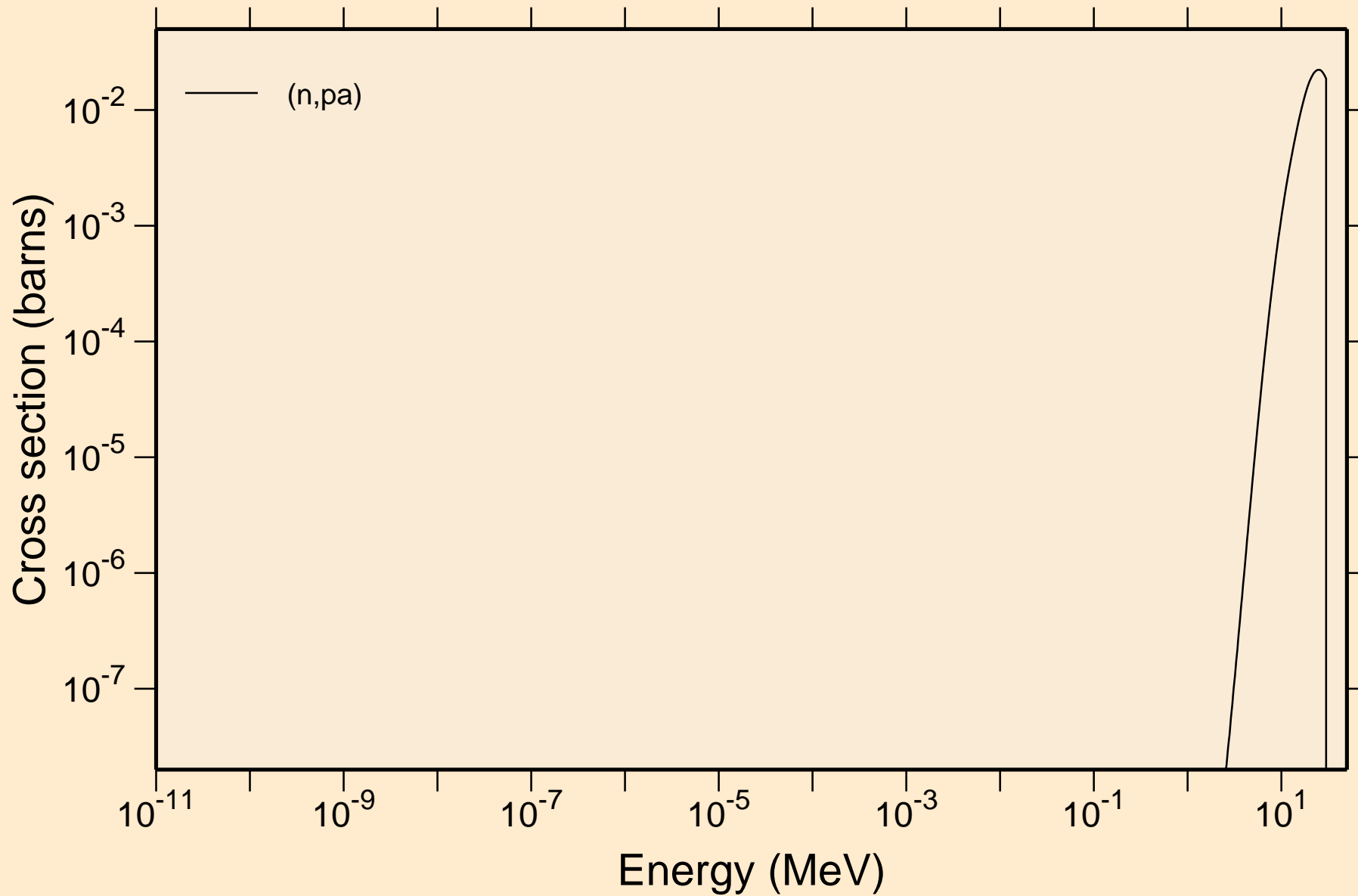


# ND133 NRG TENDL-2015, AKONING

## Non-threshold reactions

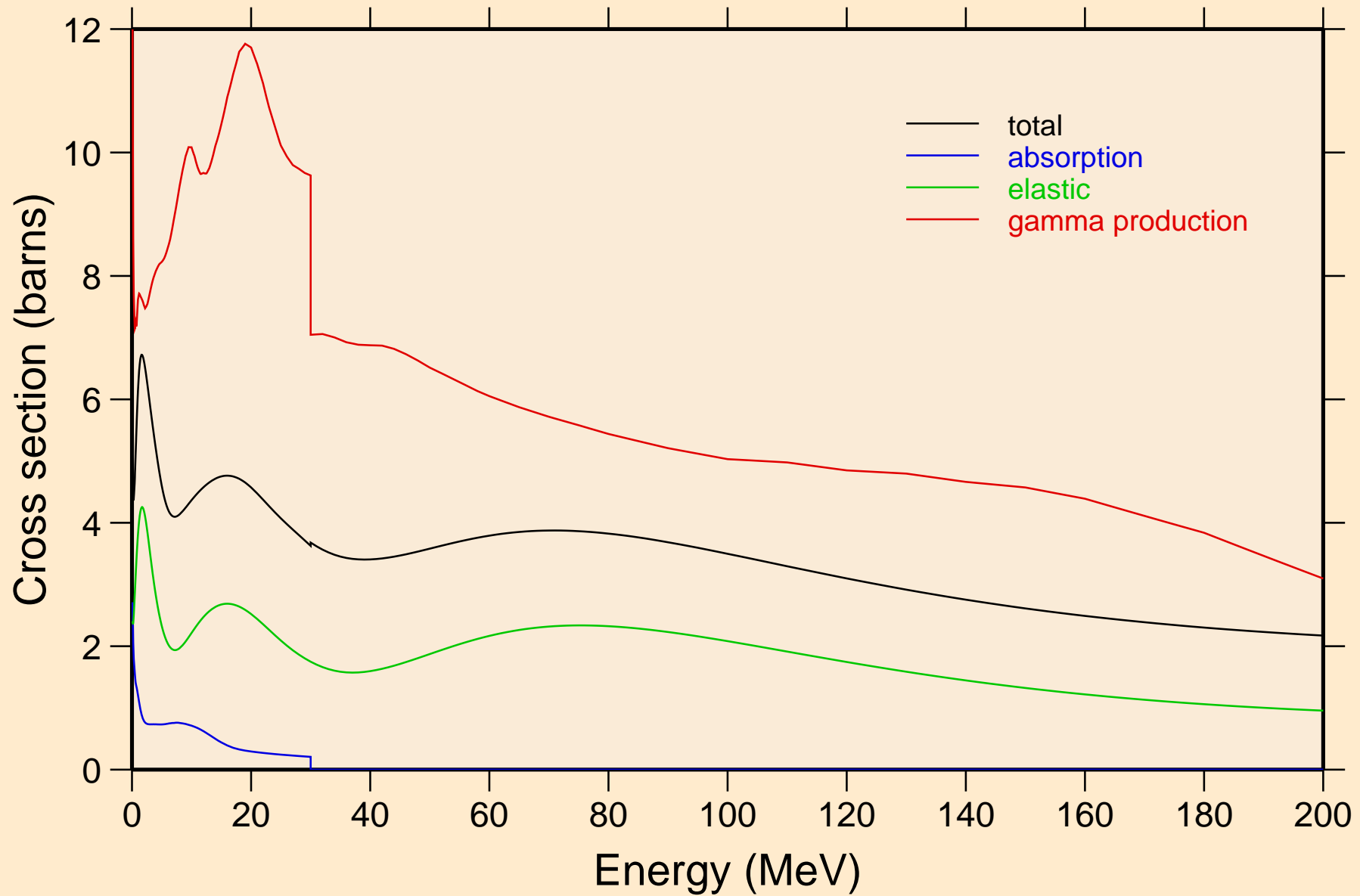


ND133 NRG TENDL-2015, AKONING  
Non-threshold reactions



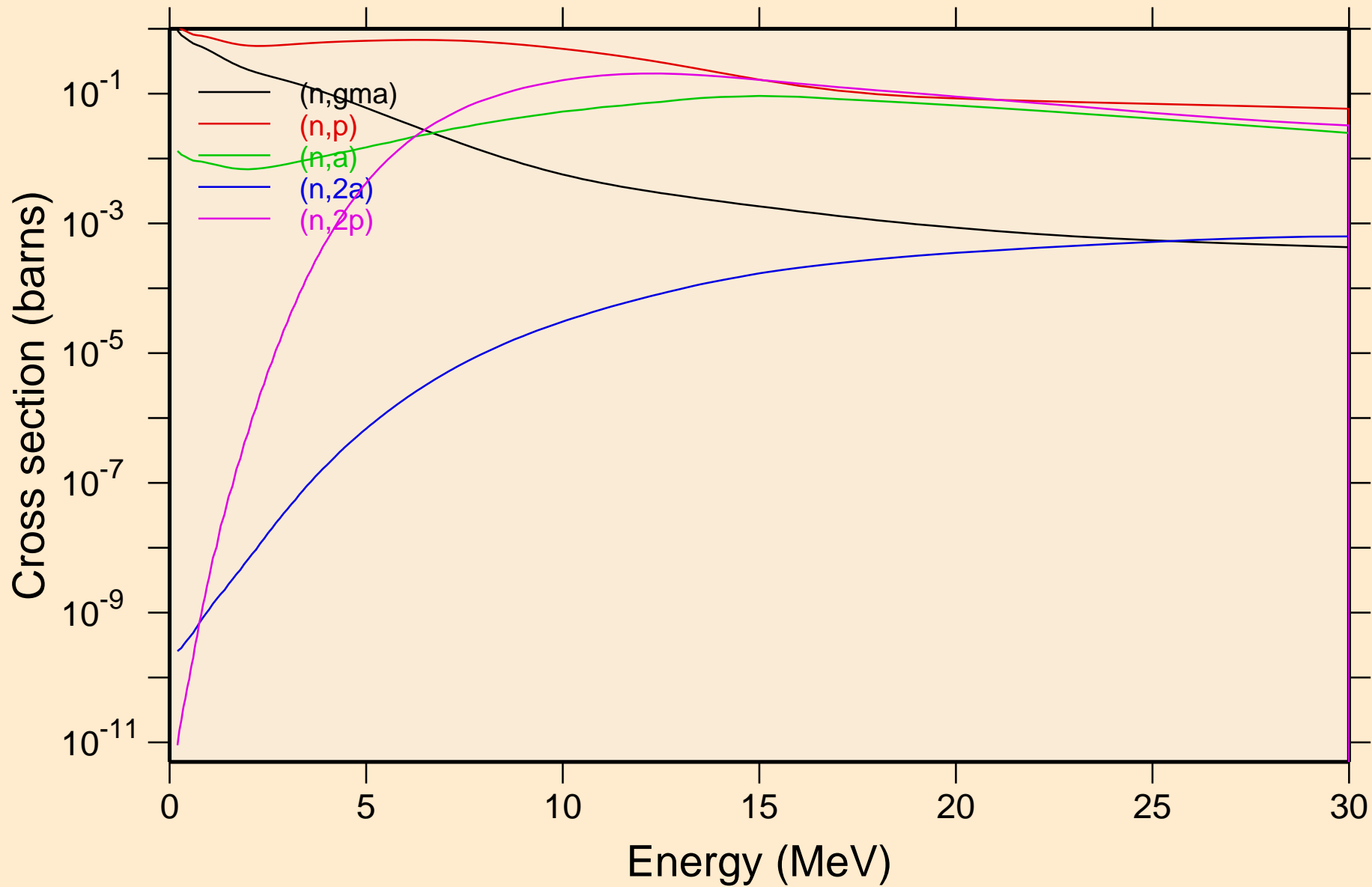
# ND133 NRG TENDL-2015, AKONING

## Principal cross sections



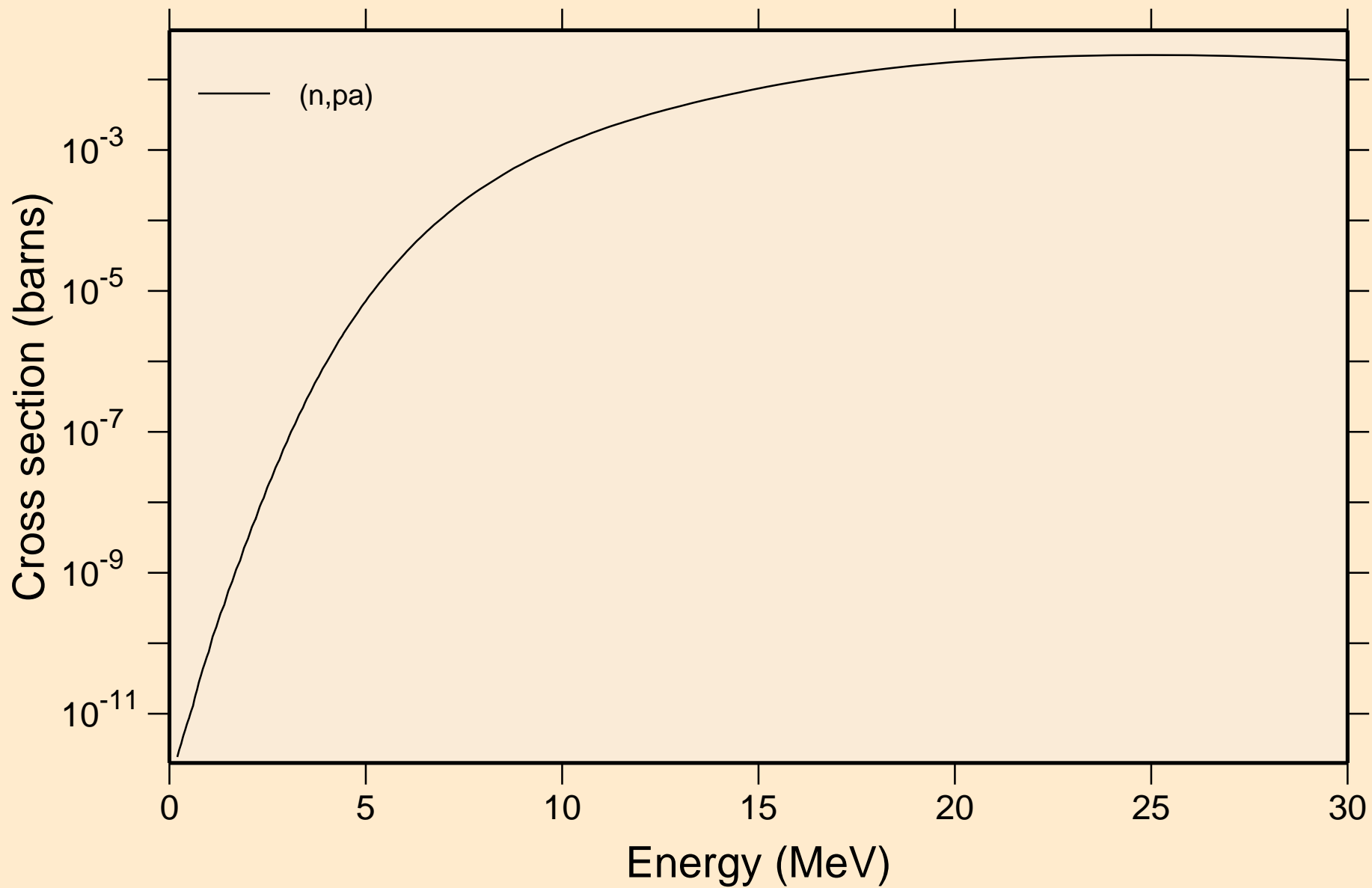
# ND133 NRG TENDL-2015, AKONING

## Non-threshold reactions



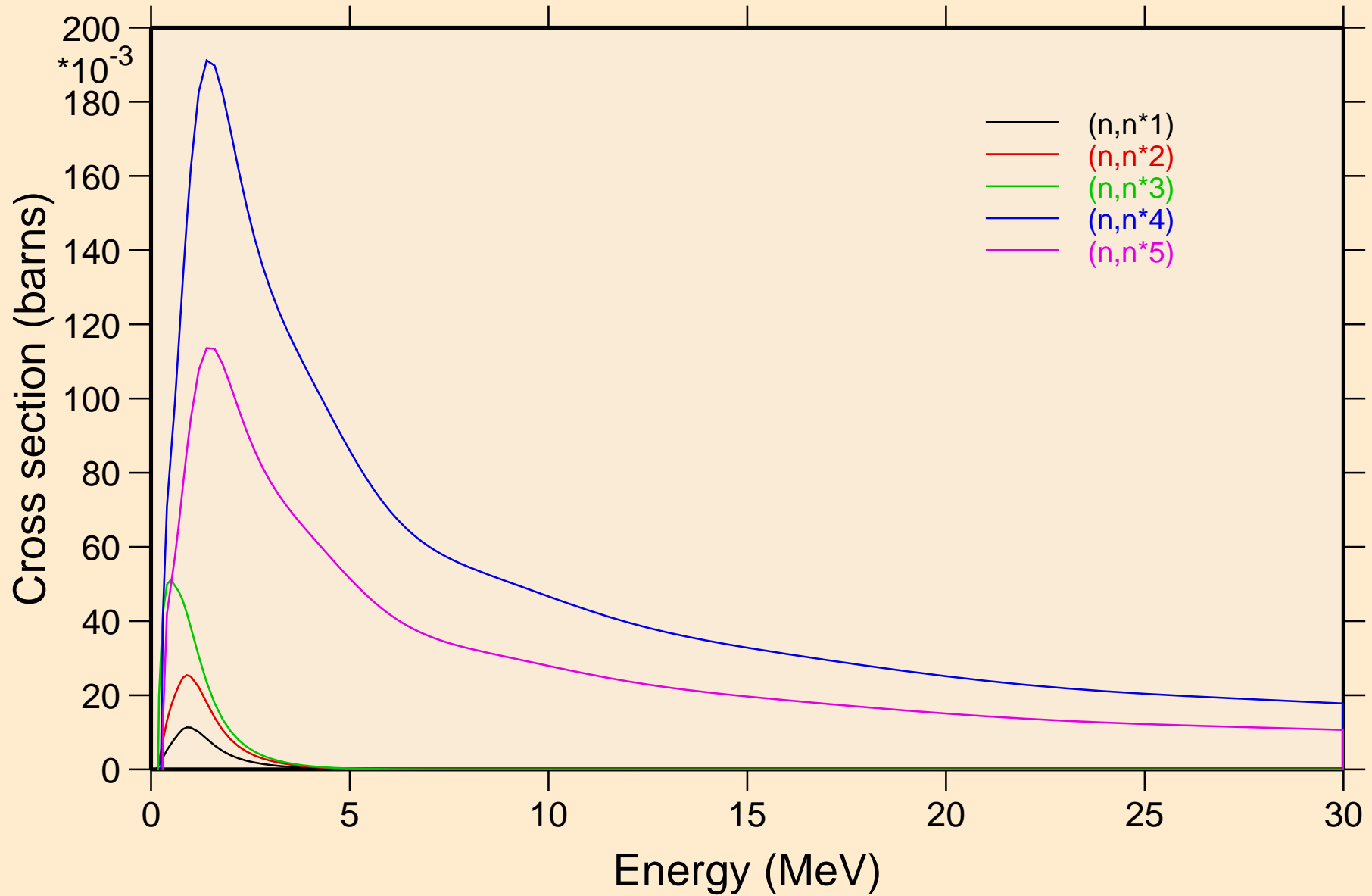
# ND133 NRG TENDL-2015, AKONING

## Non-threshold reactions



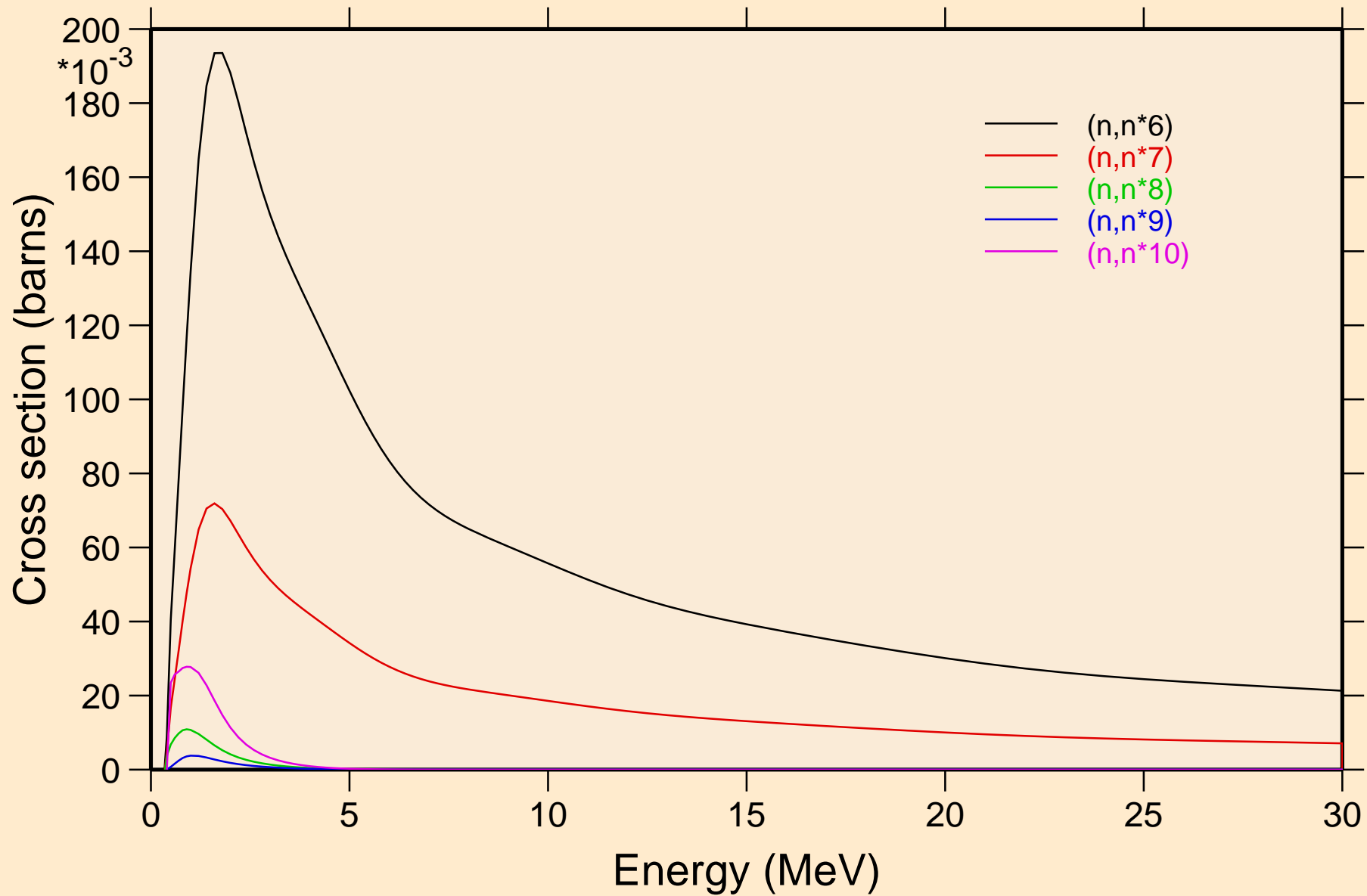
# ND133 NRG TENDL-2015, AKONING

## Inelastic levels



# ND133 NRG TENDL-2015, AKONING

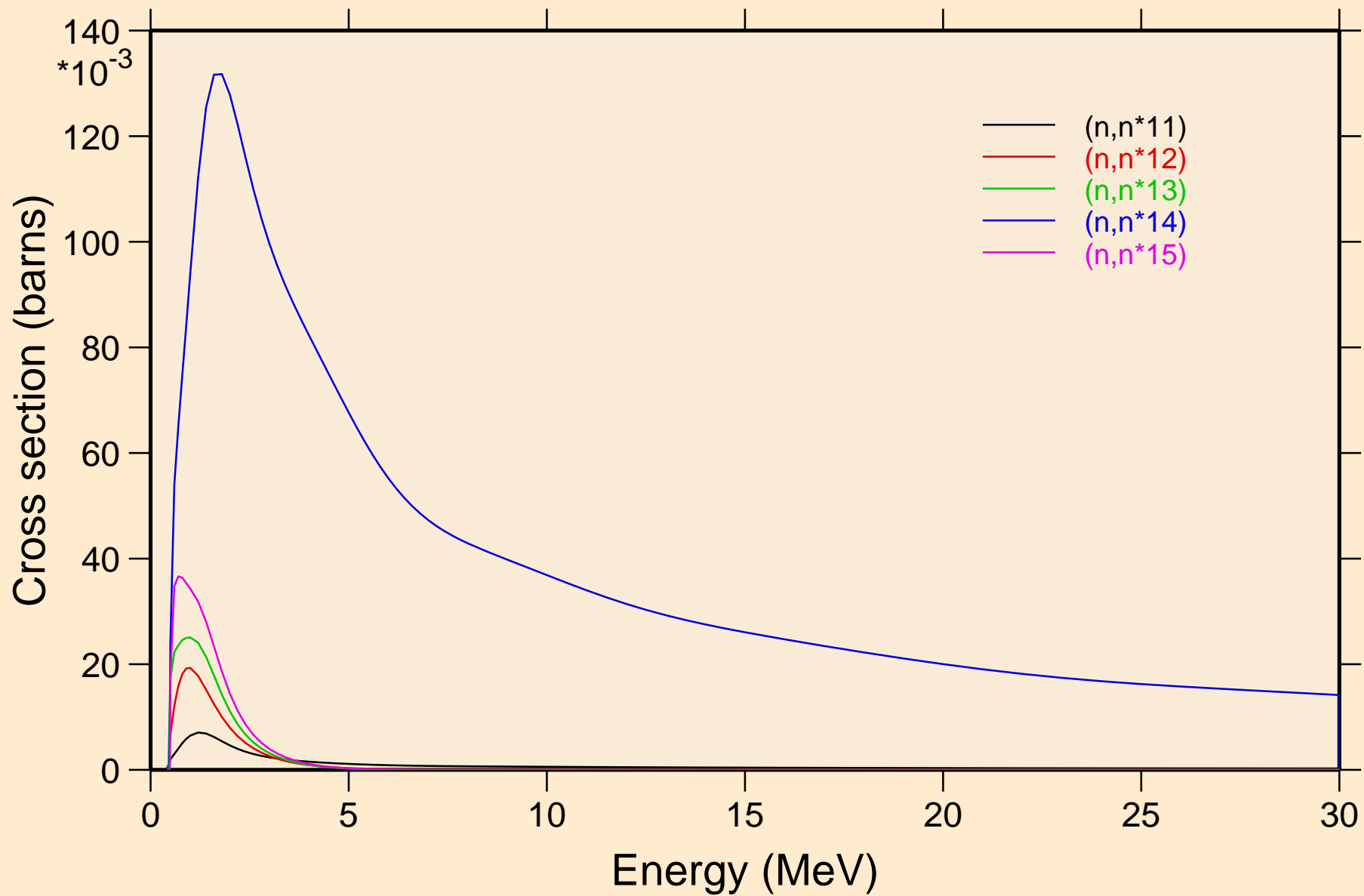
## Inelastic levels





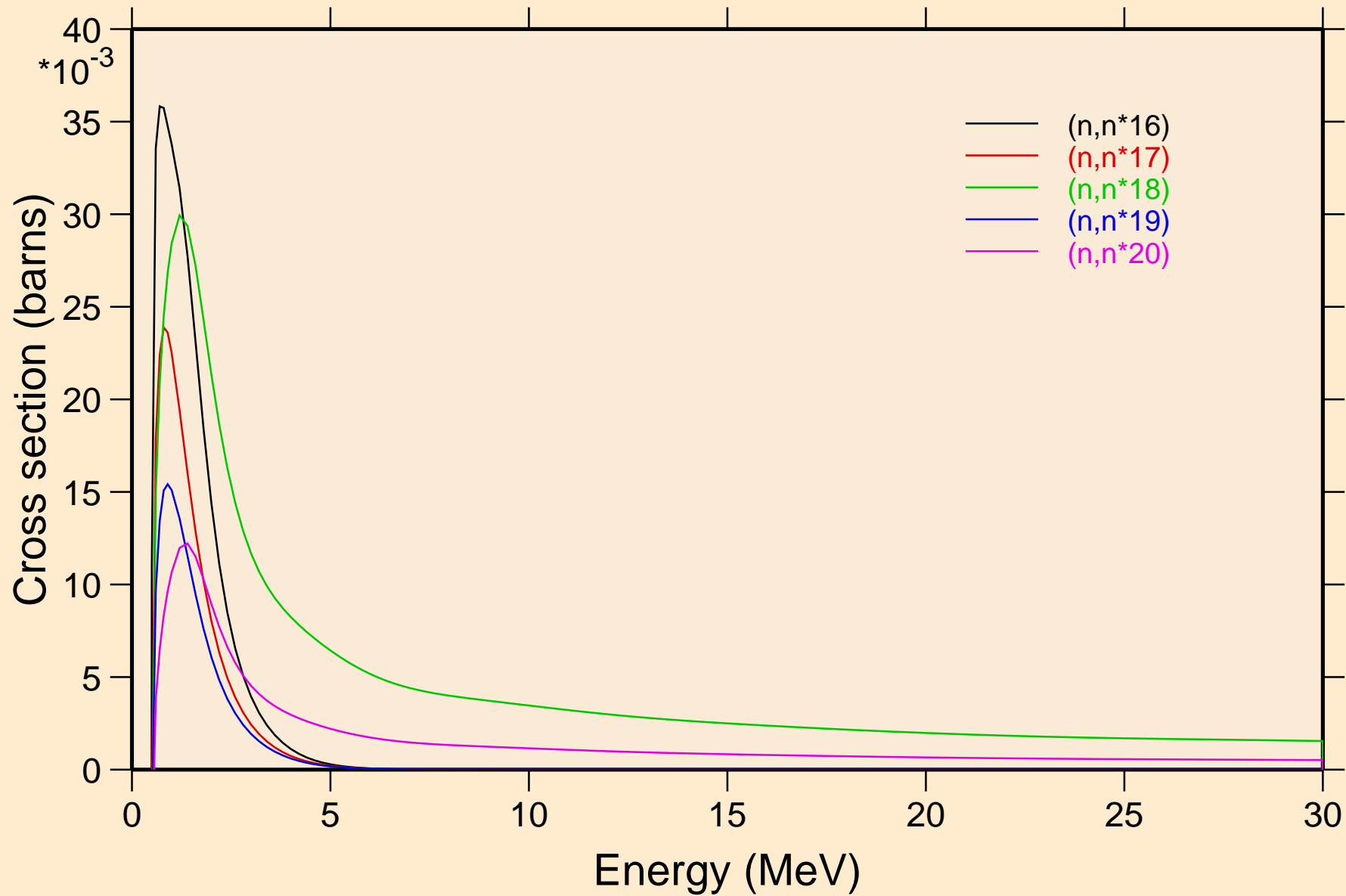
# ND133 NRG TENDL-2015, AKONING

## Inelastic levels



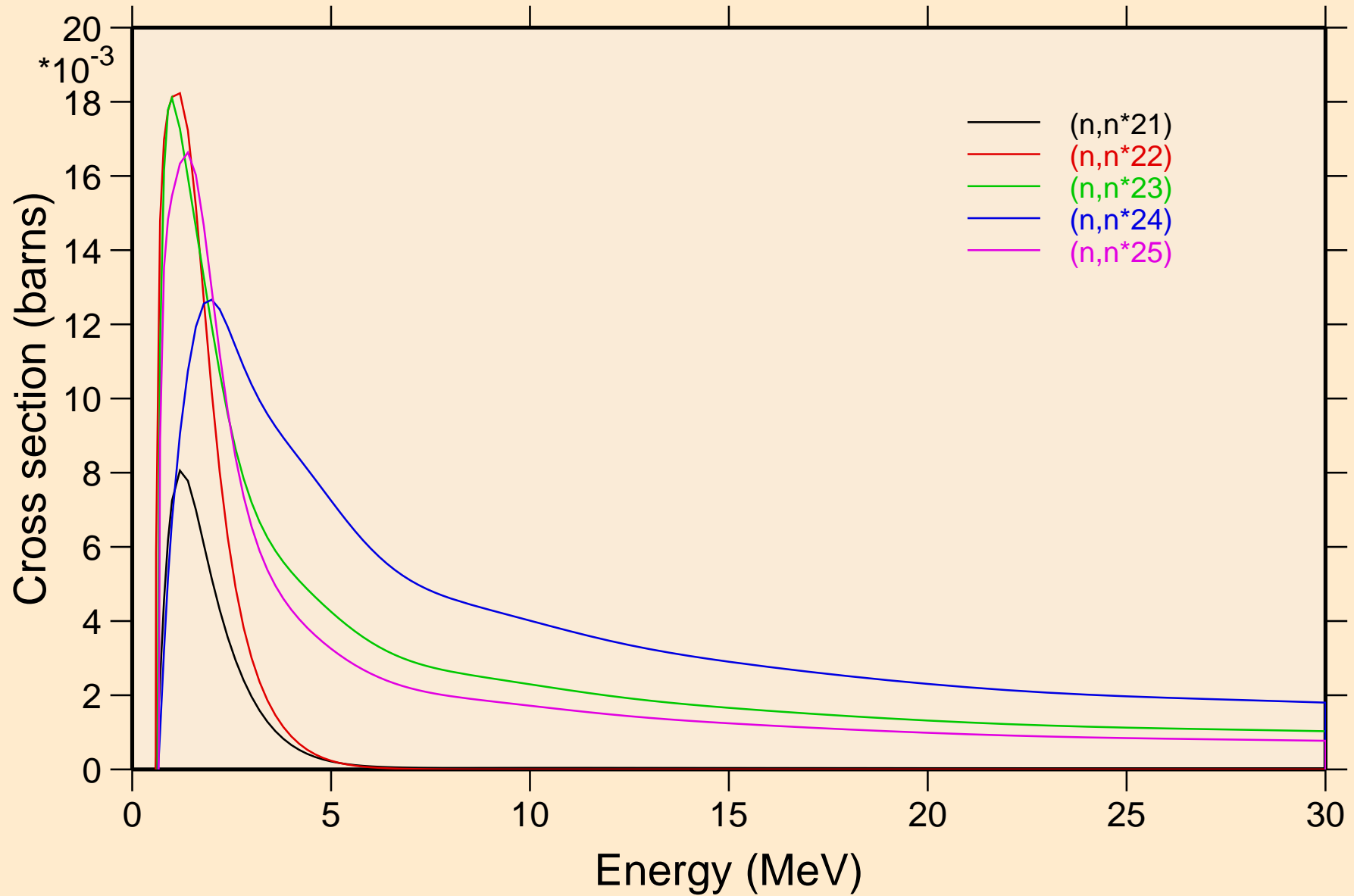
# ND133 NRG TENDL-2015, AKONING

## Inelastic levels



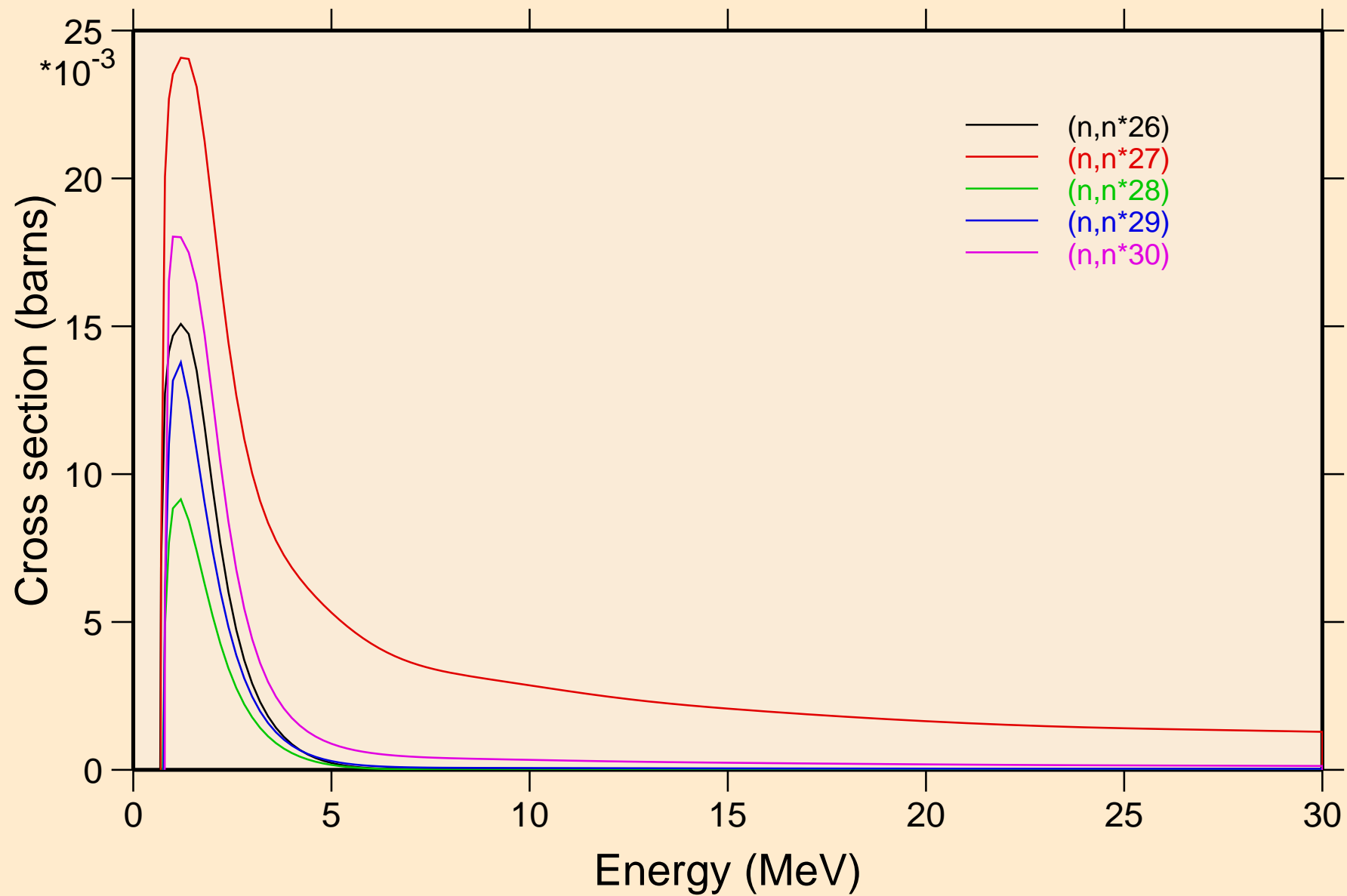
# ND133 NRG TENDL-2015, AKONING

## Inelastic levels



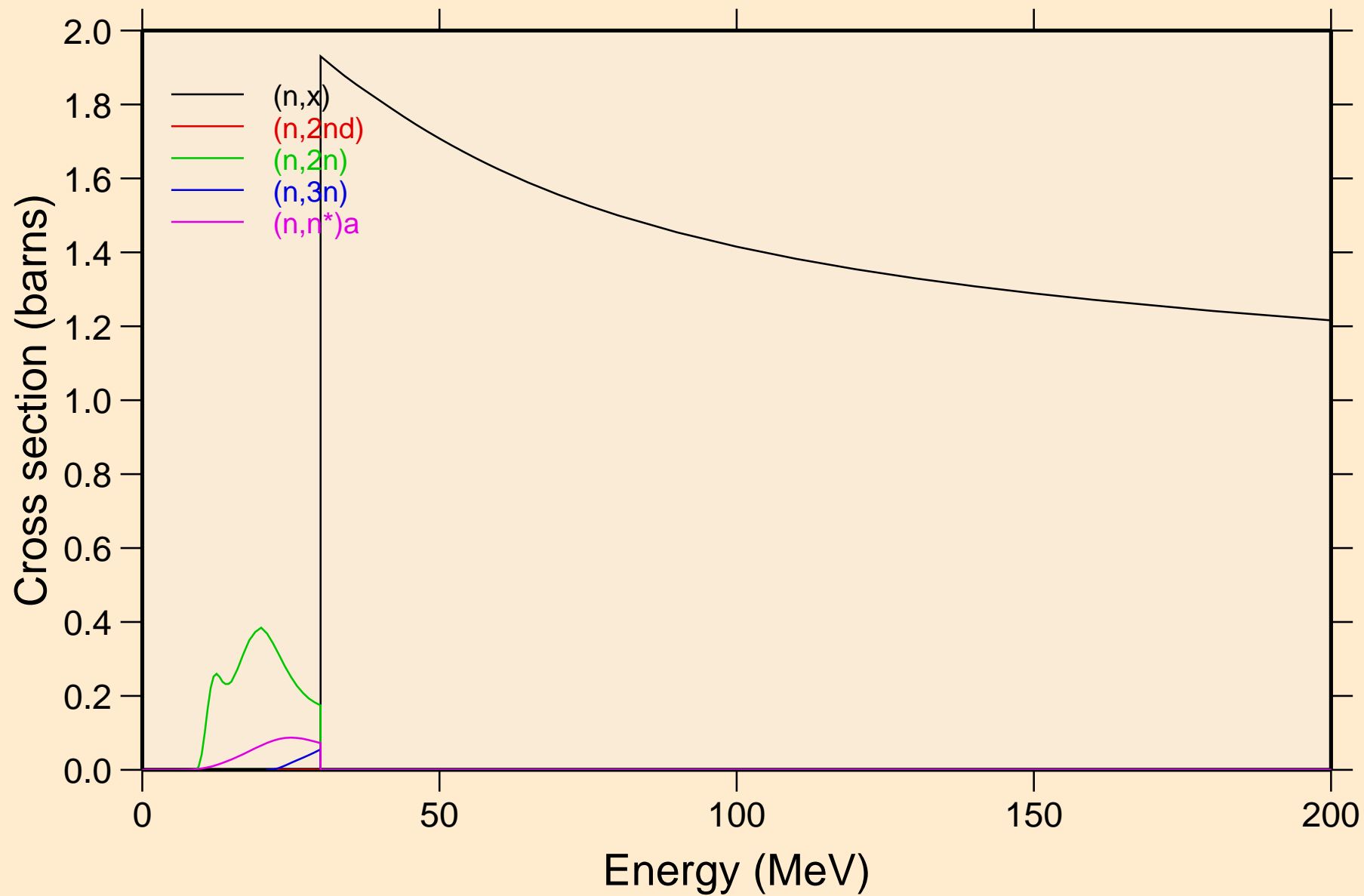
# ND133 NRG TENDL-2015, AKONING

## Inelastic levels



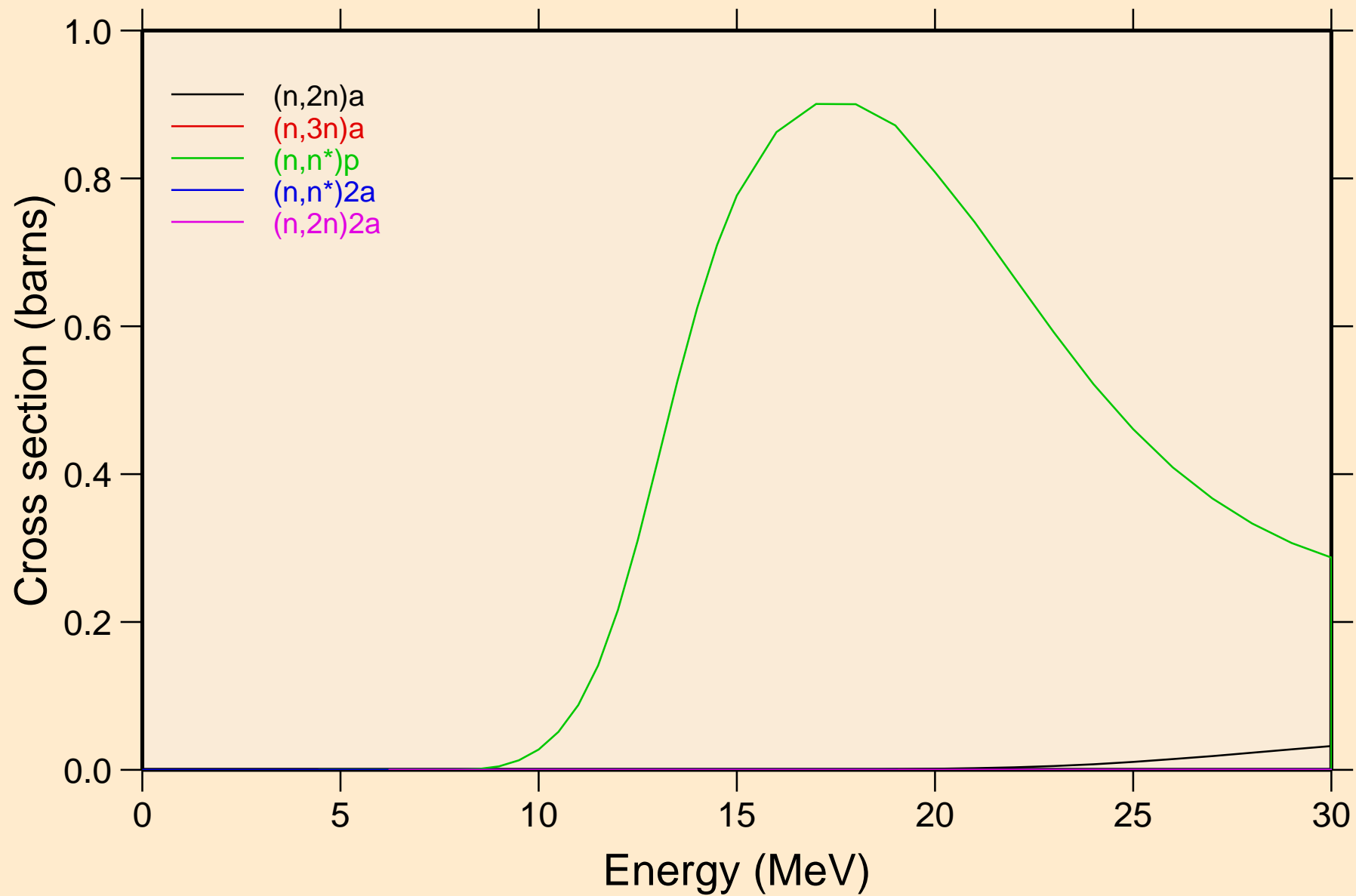
# ND133 NRG TENDL-2015, AKONING

## Threshold reactions



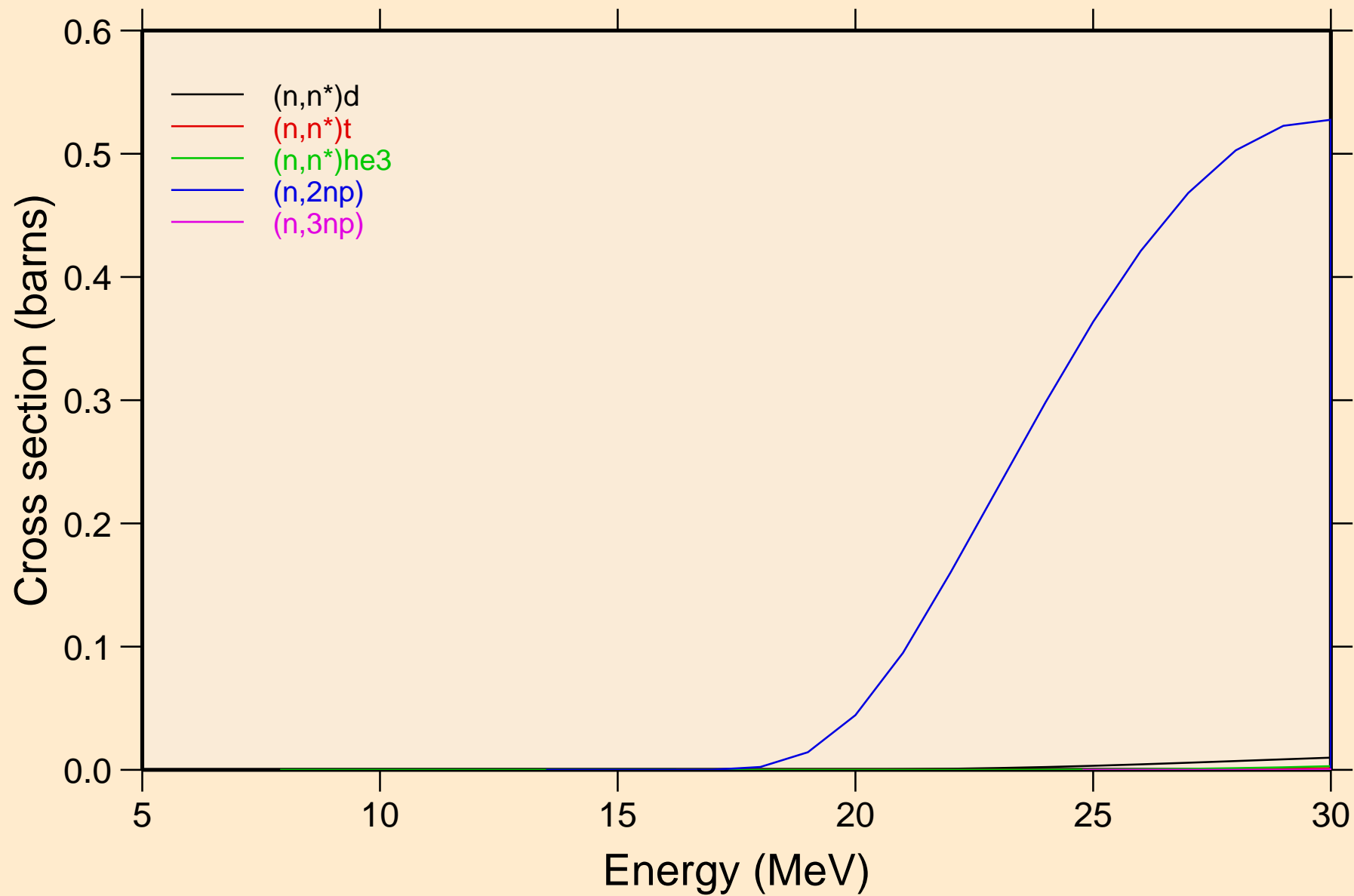
# ND133 NRG TENDL-2015, AKONING

## Threshold reactions



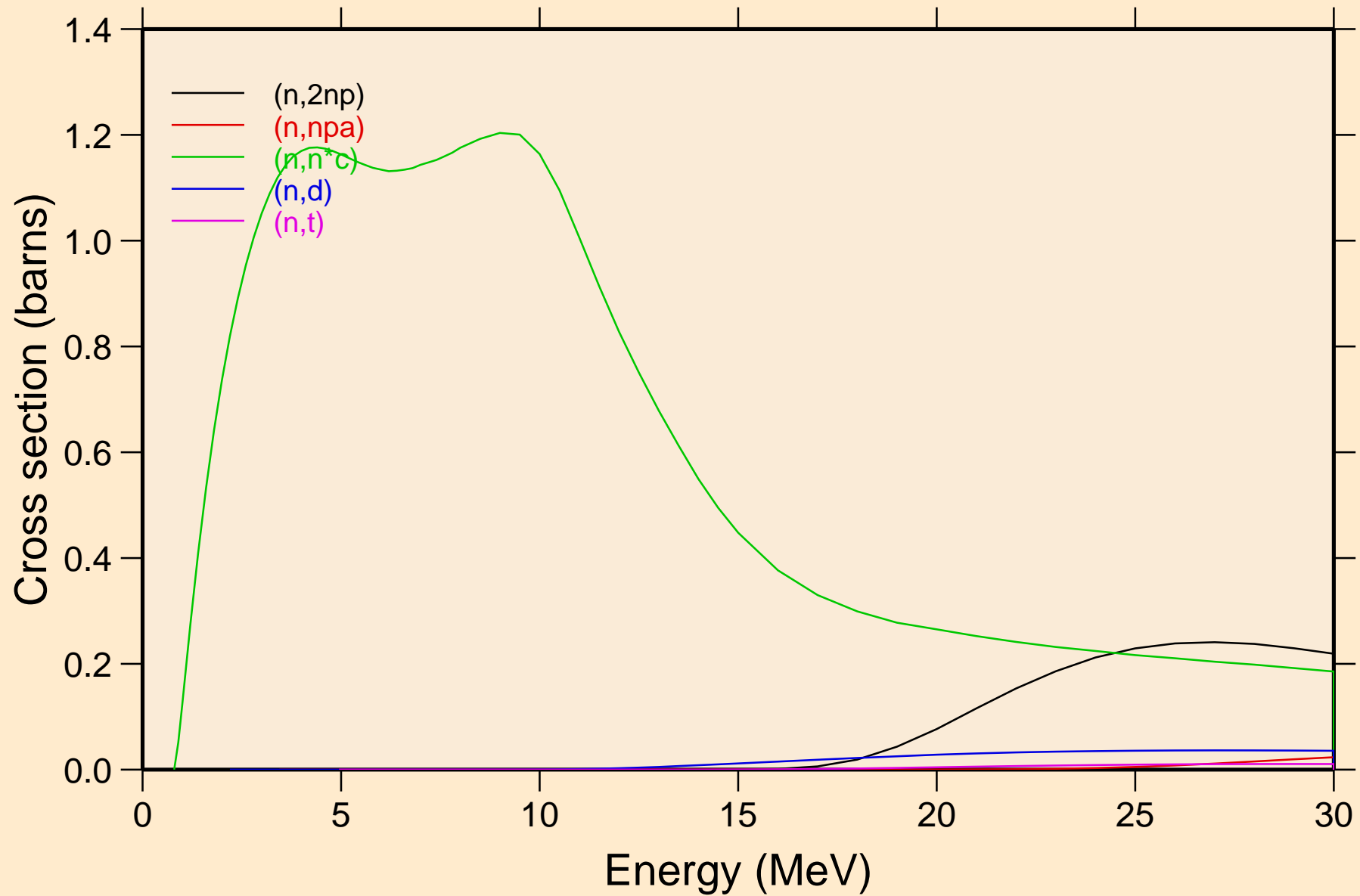
# ND133 NRG TENDL-2015, AKONING

## Threshold reactions



# ND133 NRG TENDL-2015, AKONING

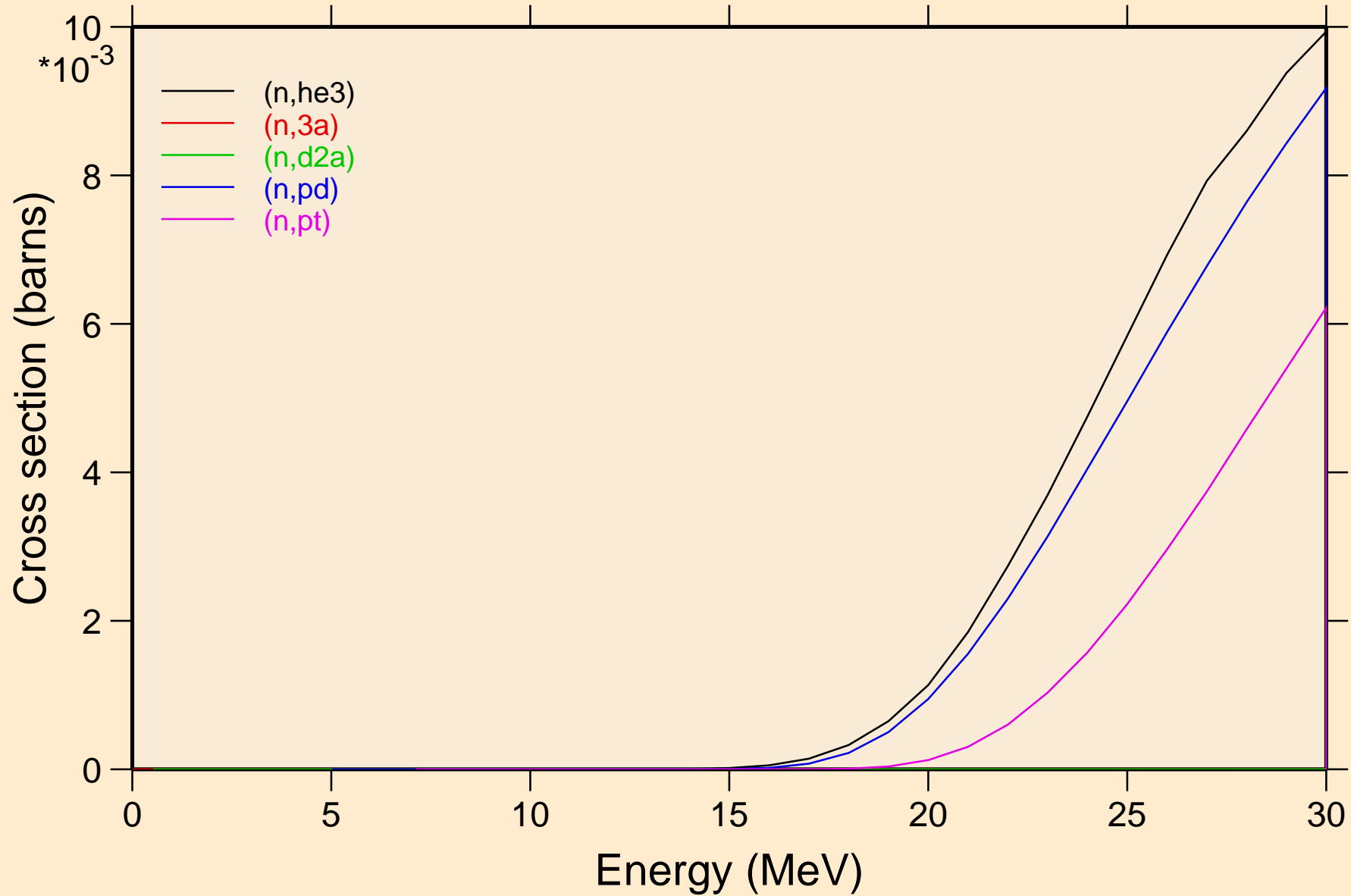
## Threshold reactions





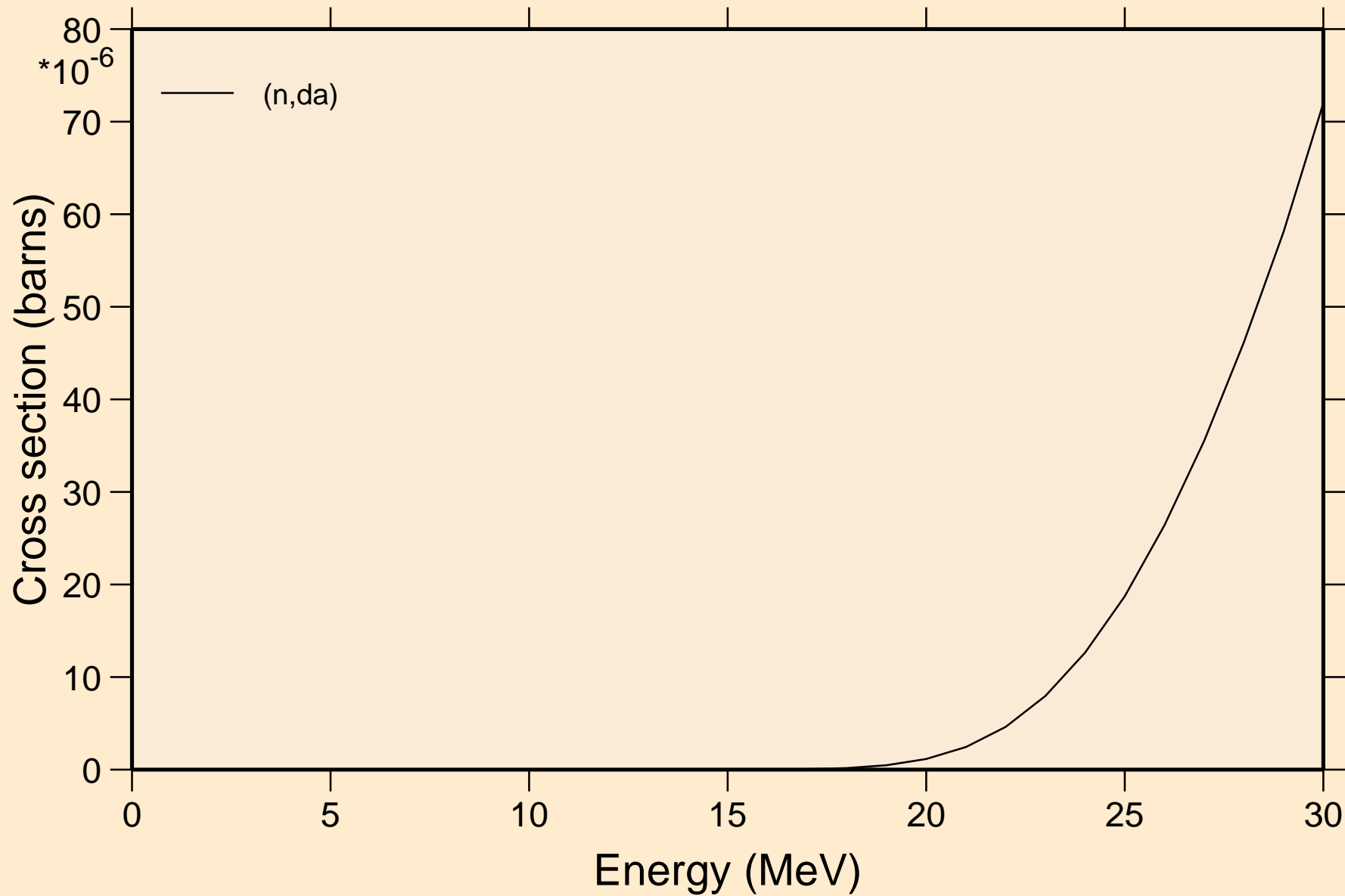
# ND133 NRG TENDL-2015, AKONING

## Threshold reactions

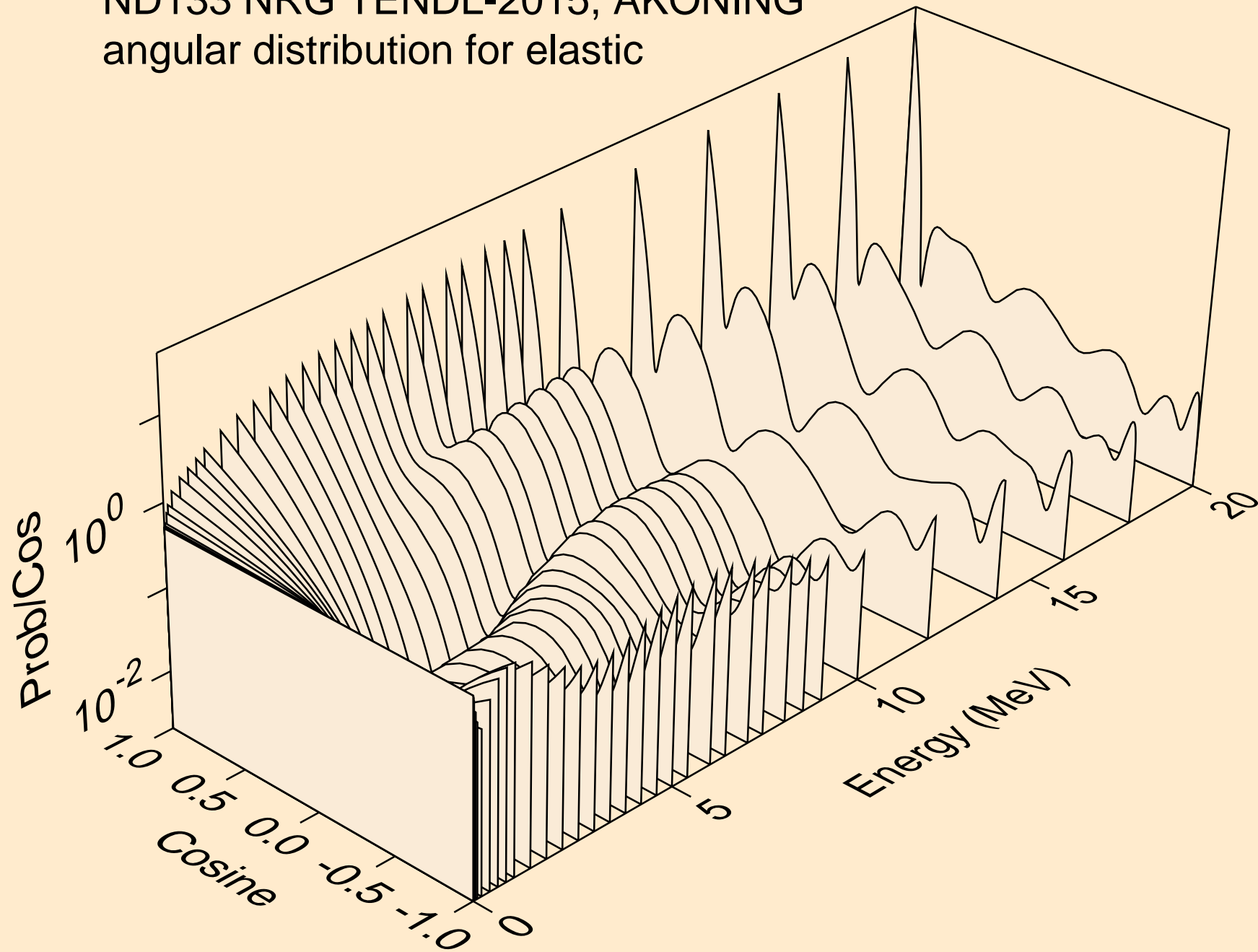


# ND133 NRG TENDL-2015, AKONING

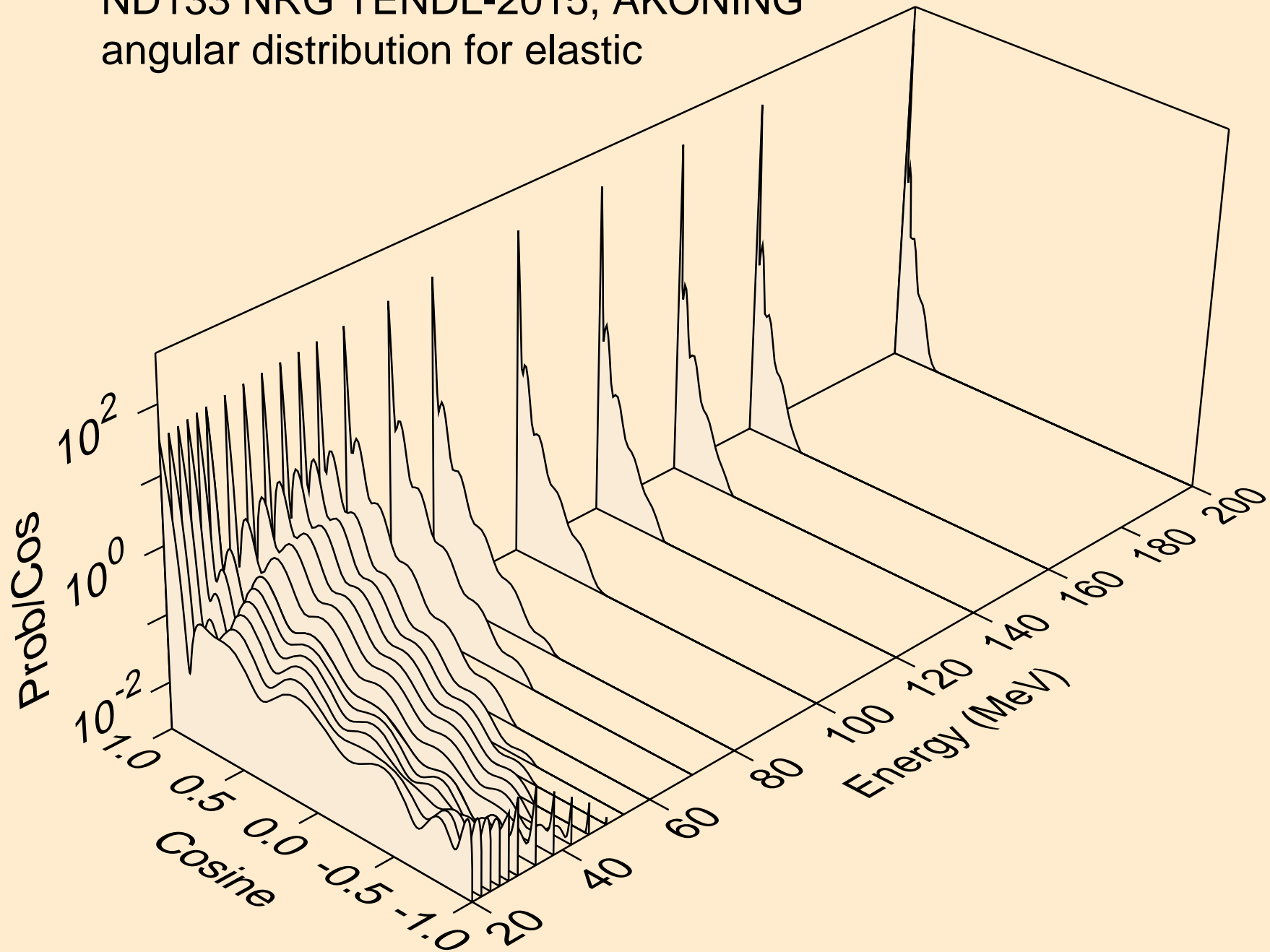
## Threshold reactions



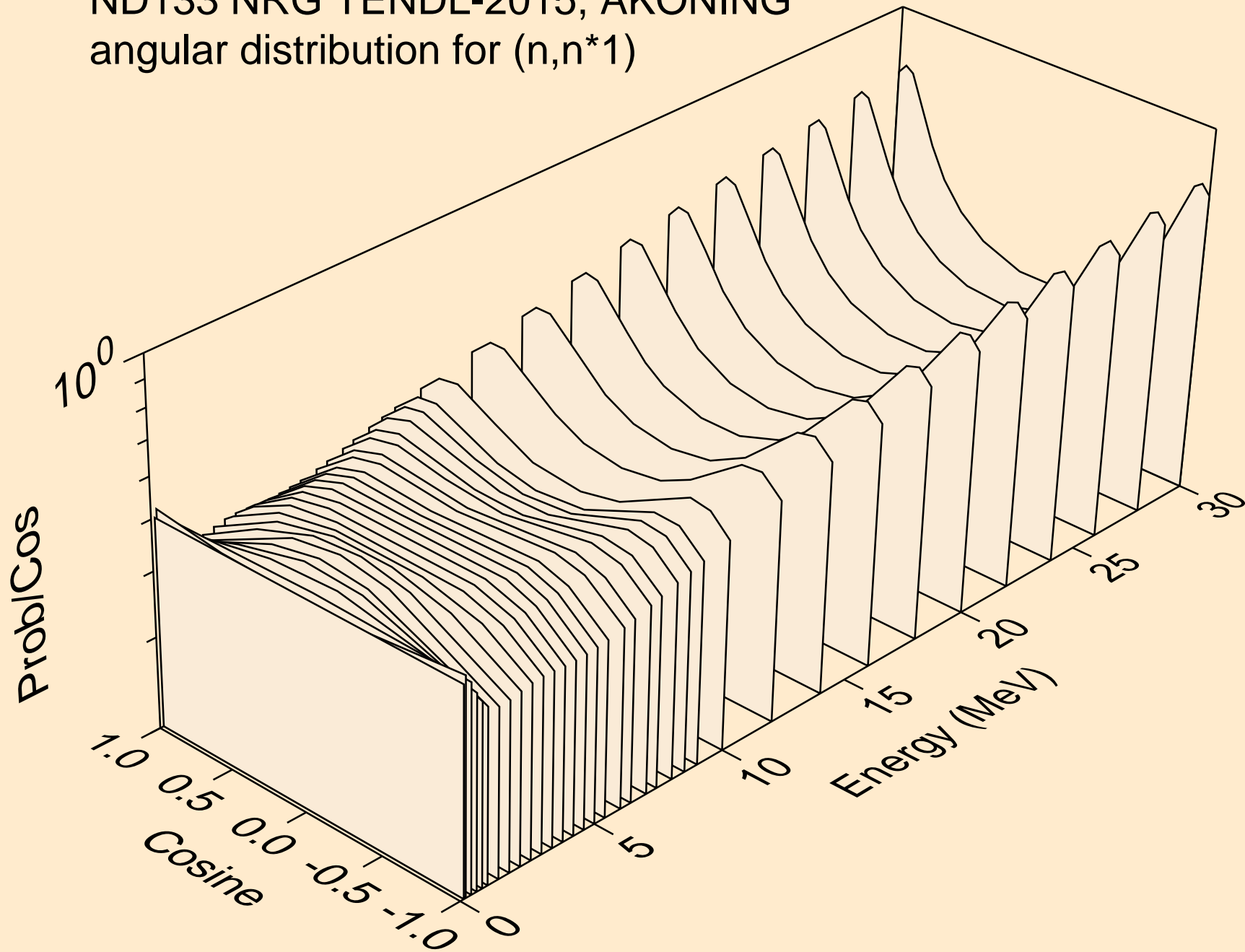
ND133 NRG TENDL-2015, AKONING  
angular distribution for elastic



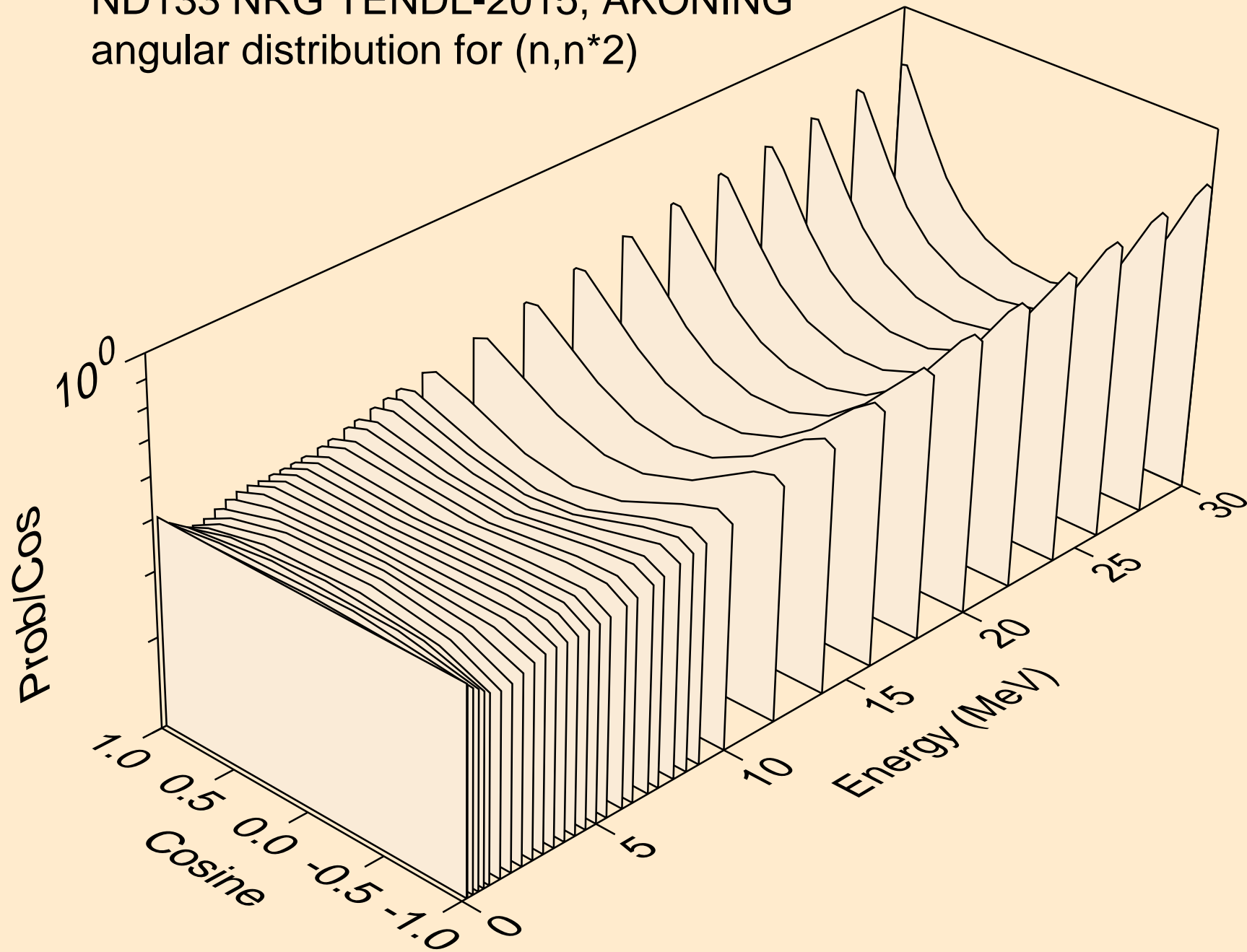
ND133 NRG TENDL-2015, AKONING  
angular distribution for elastic



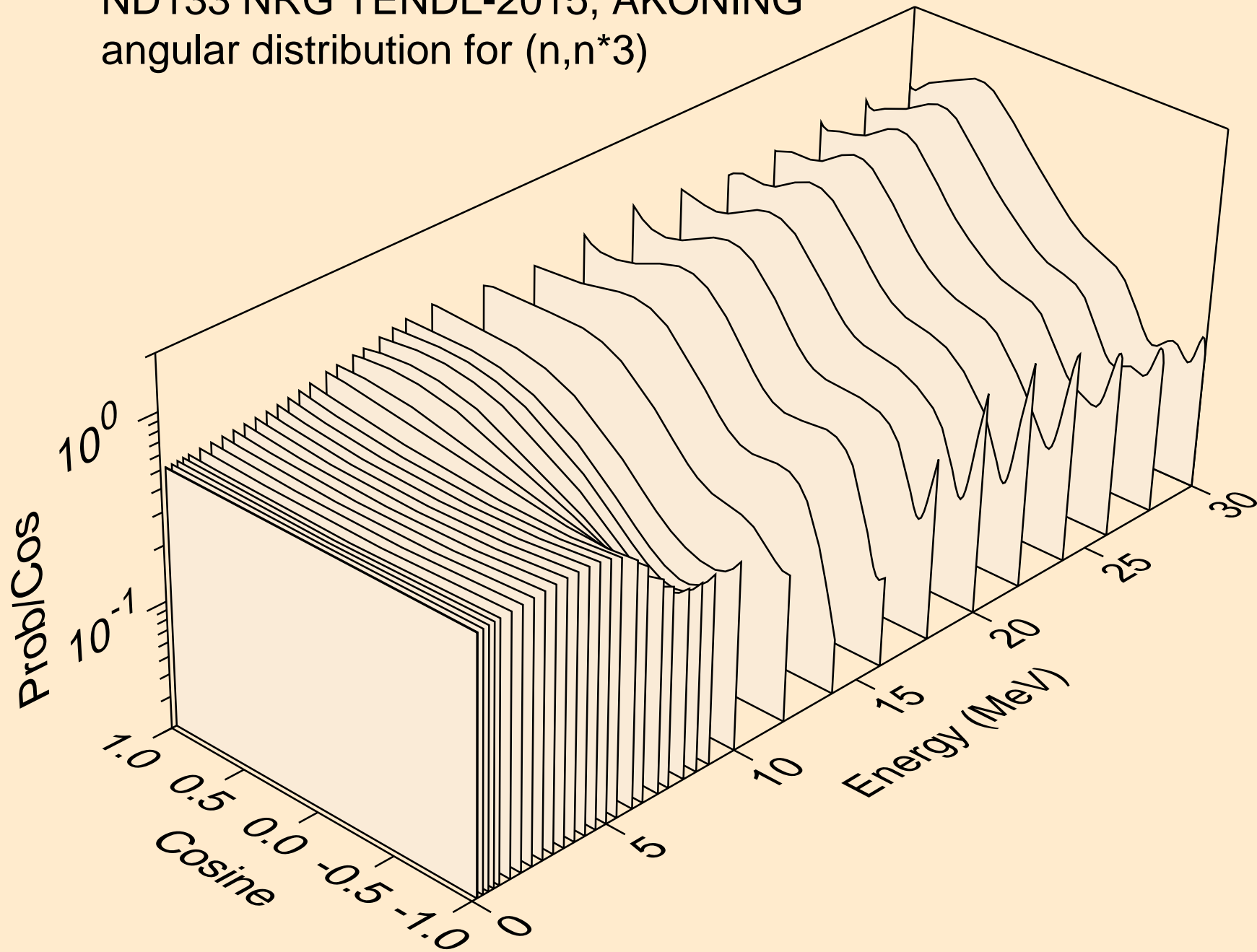
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



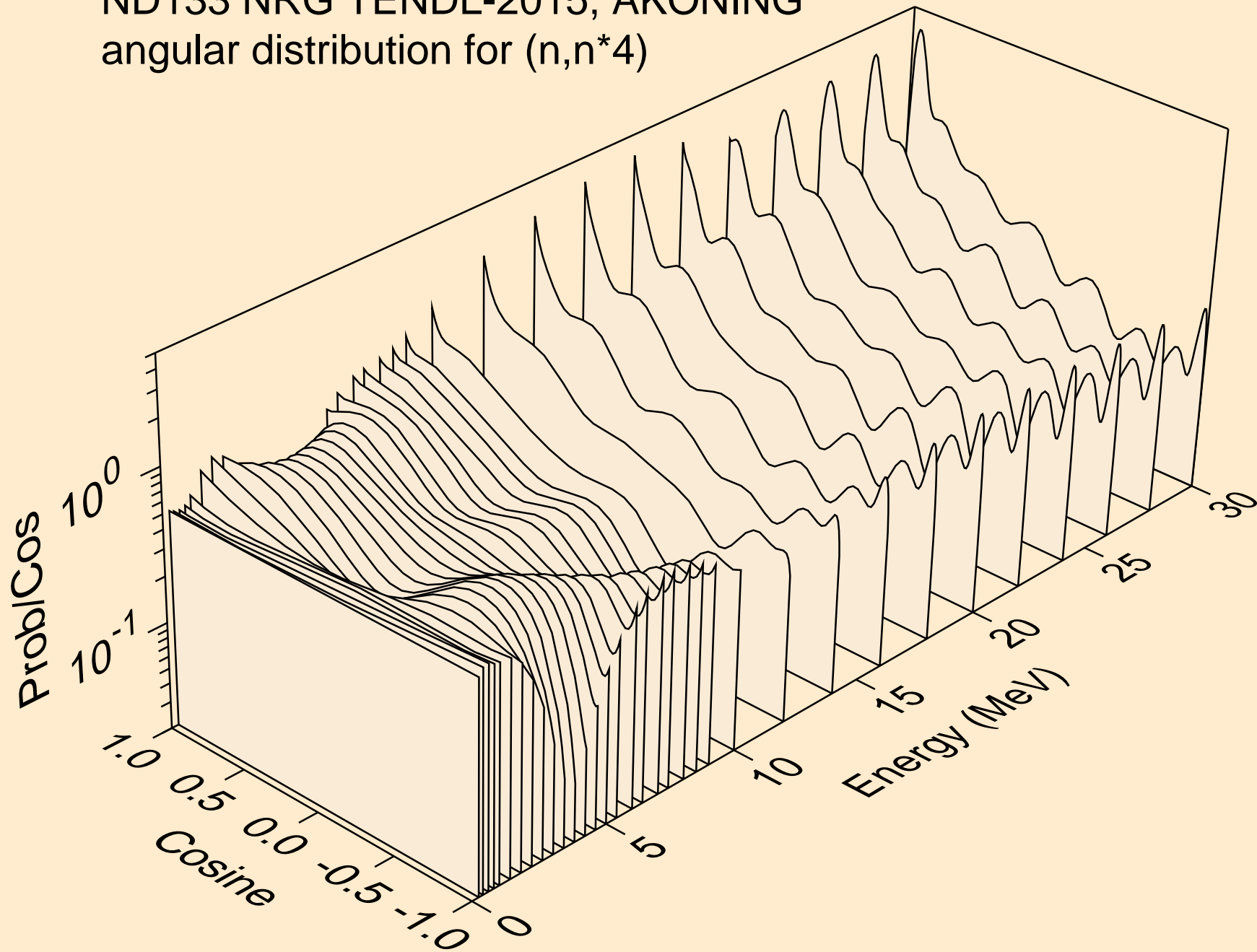
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

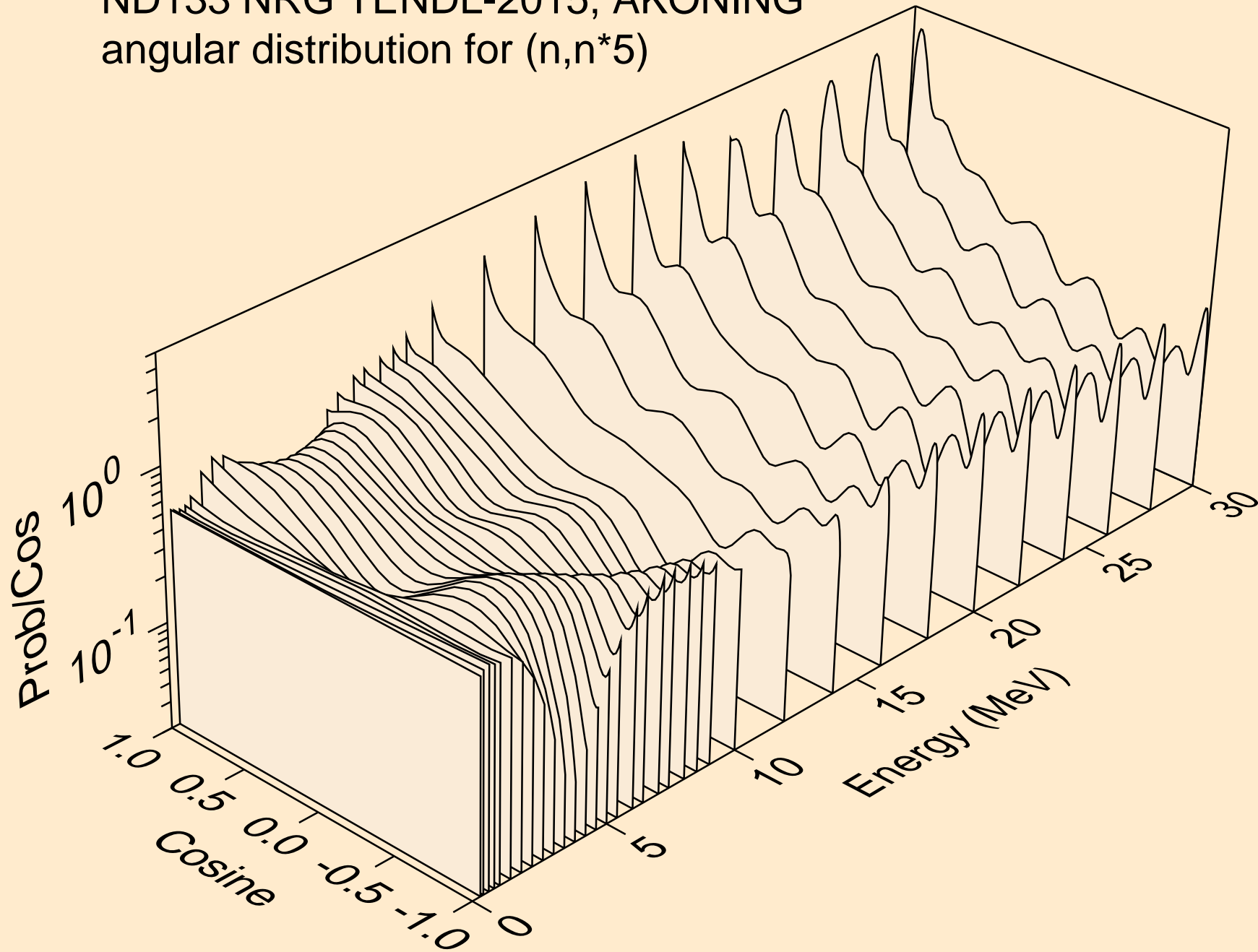


ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

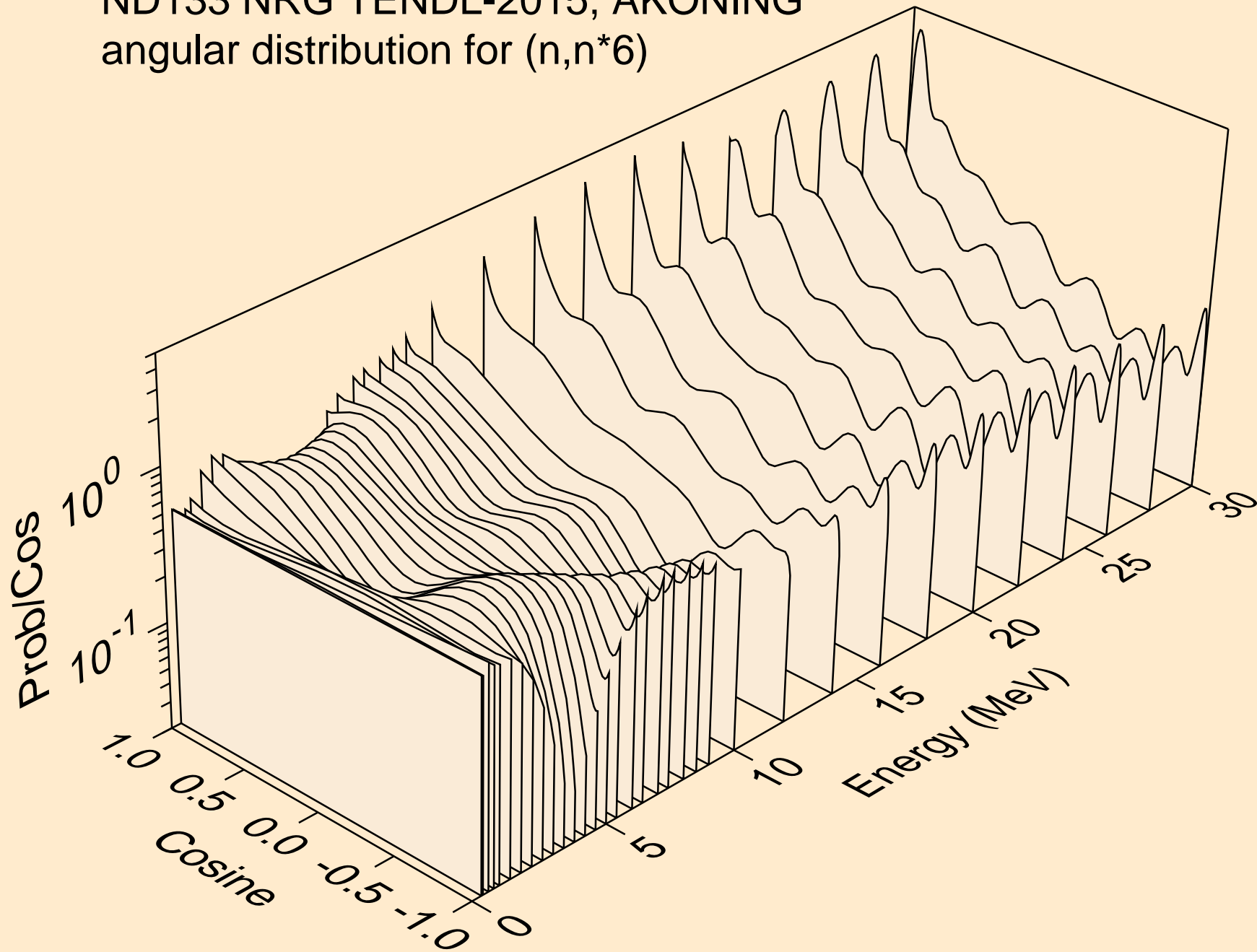




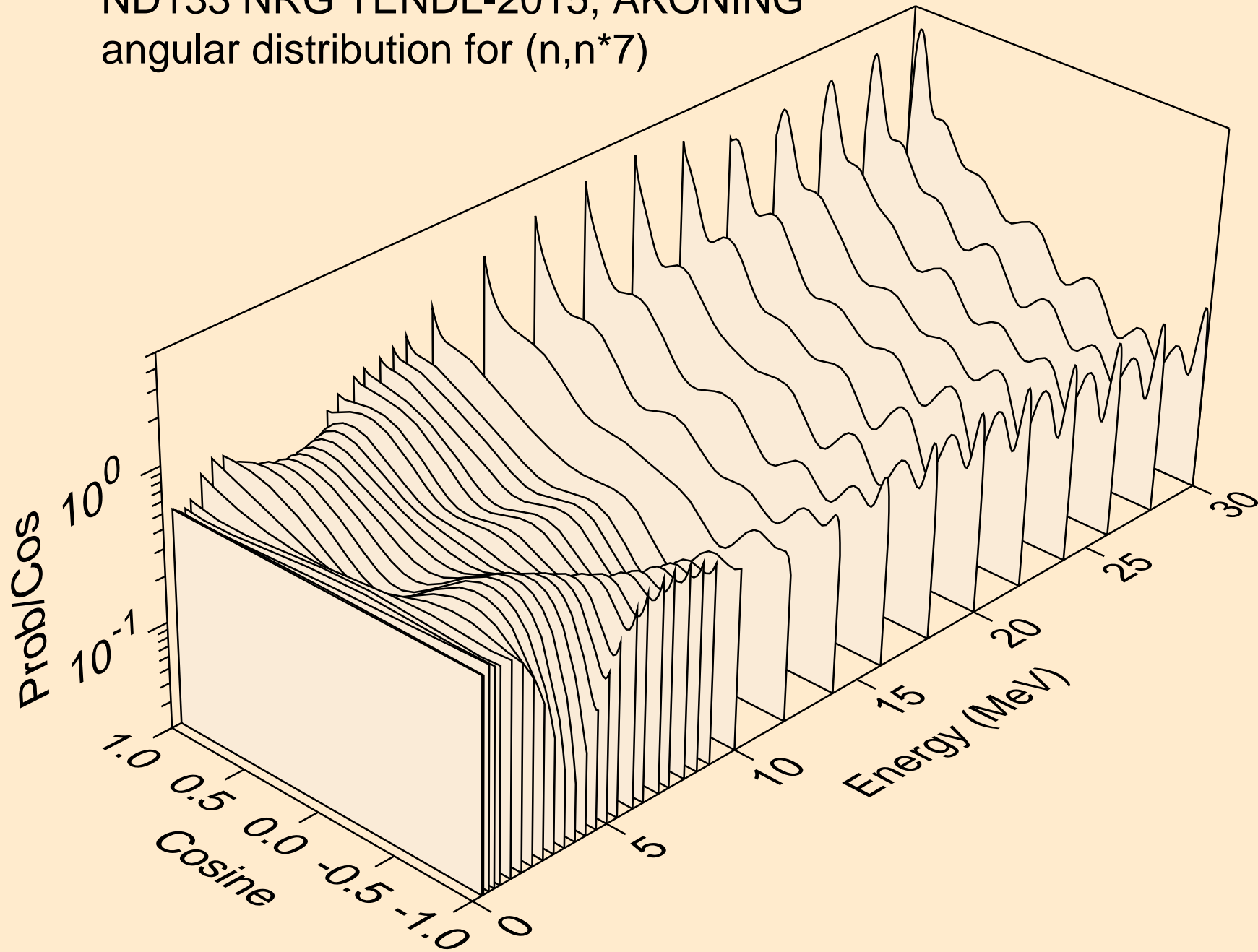
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



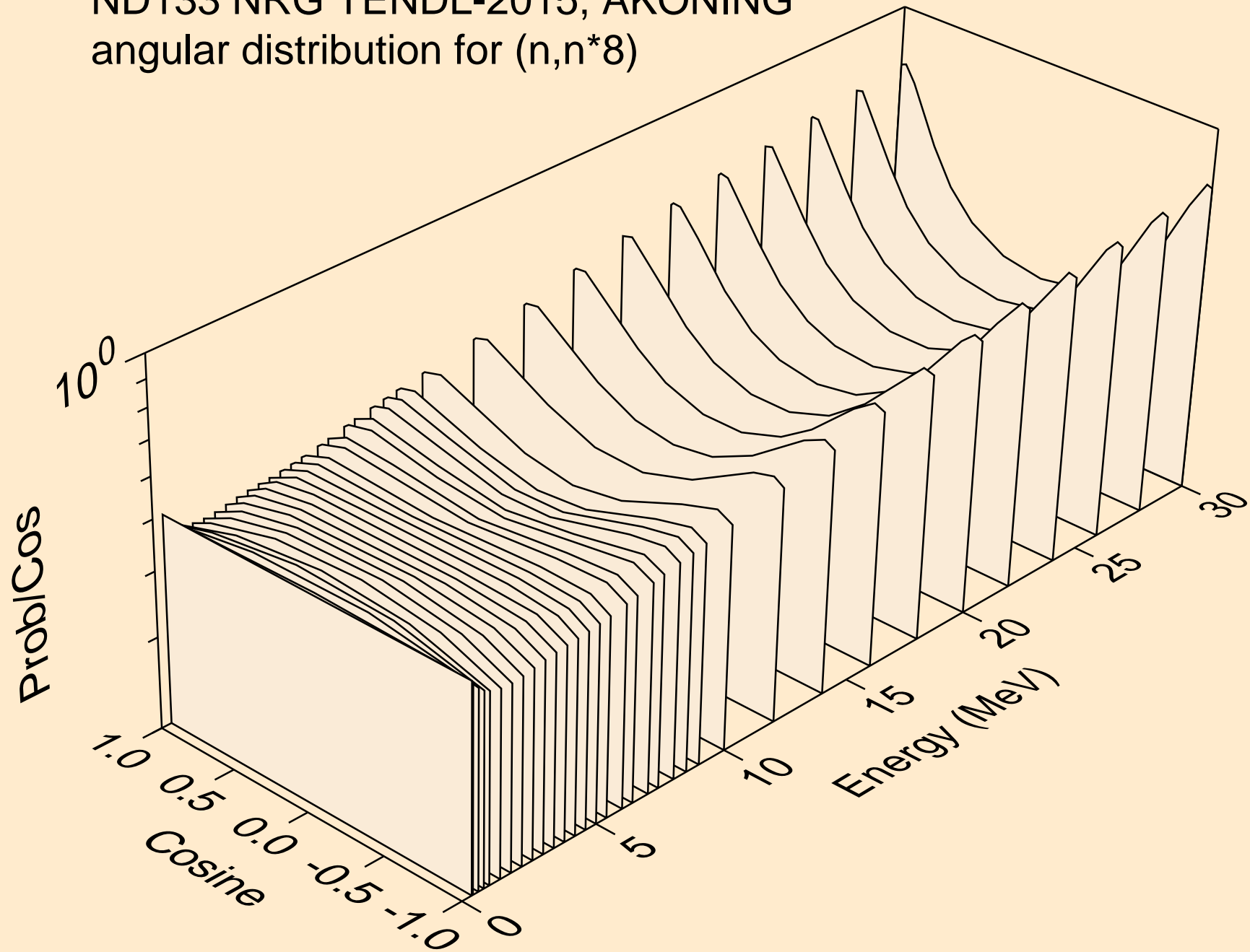
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



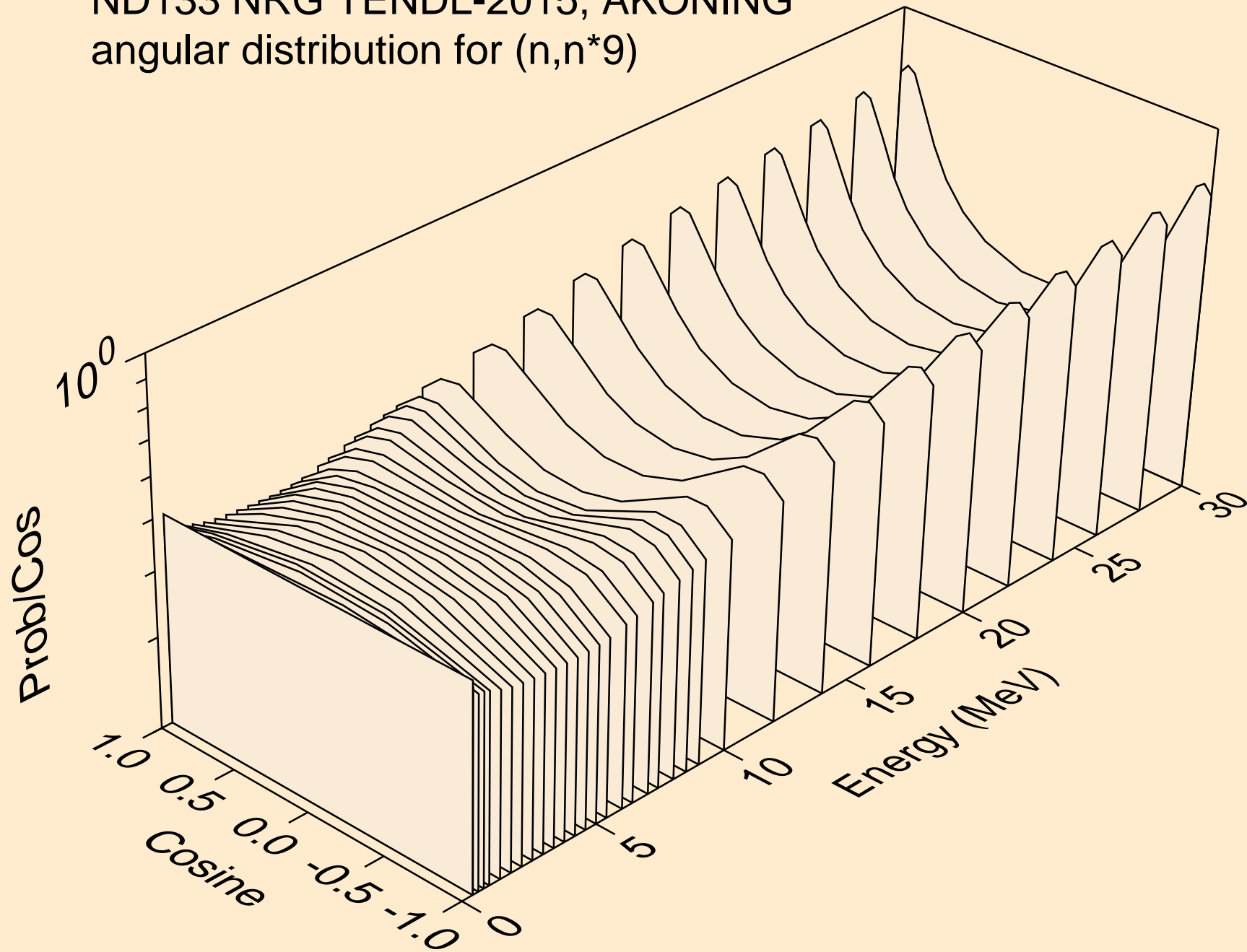
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



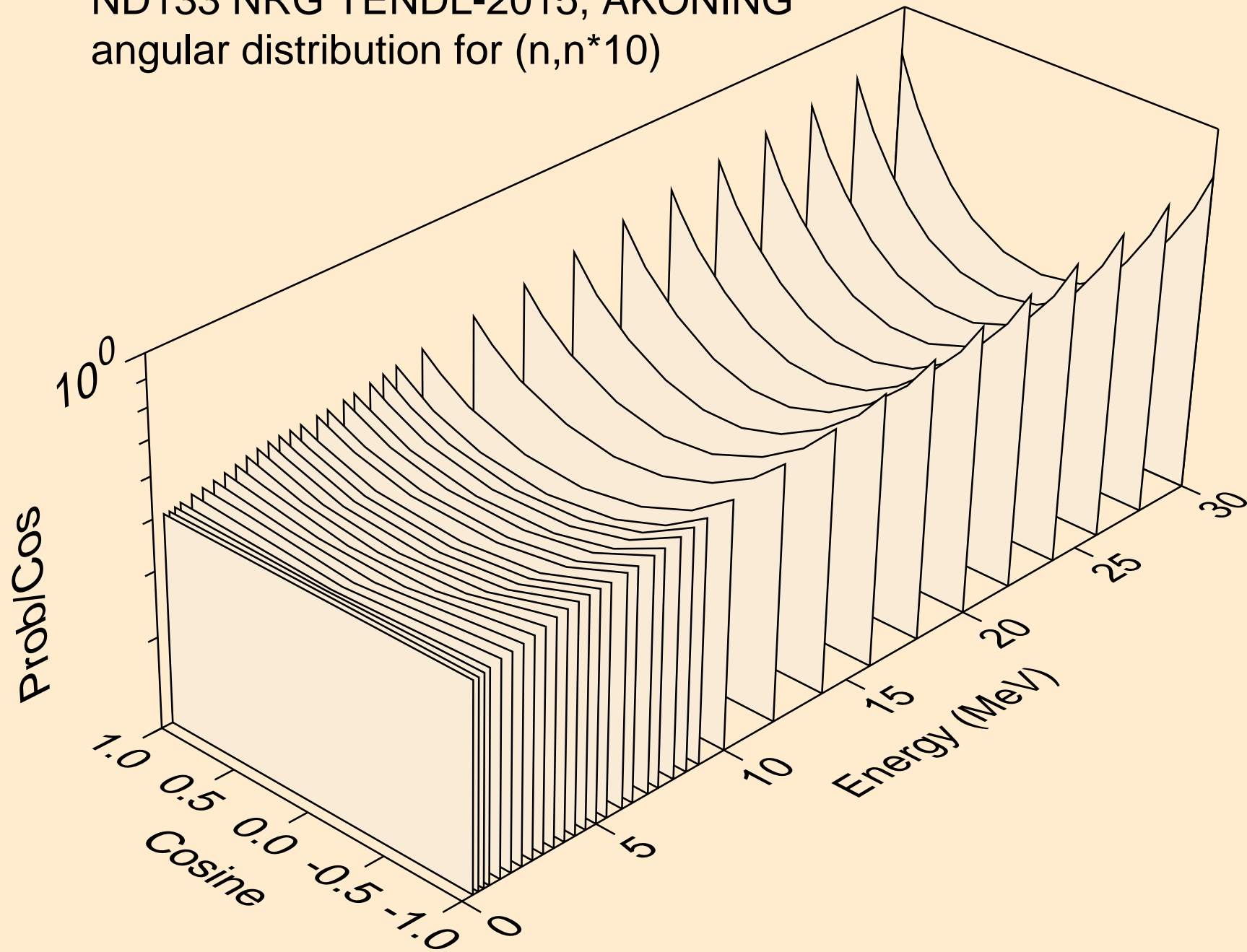
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



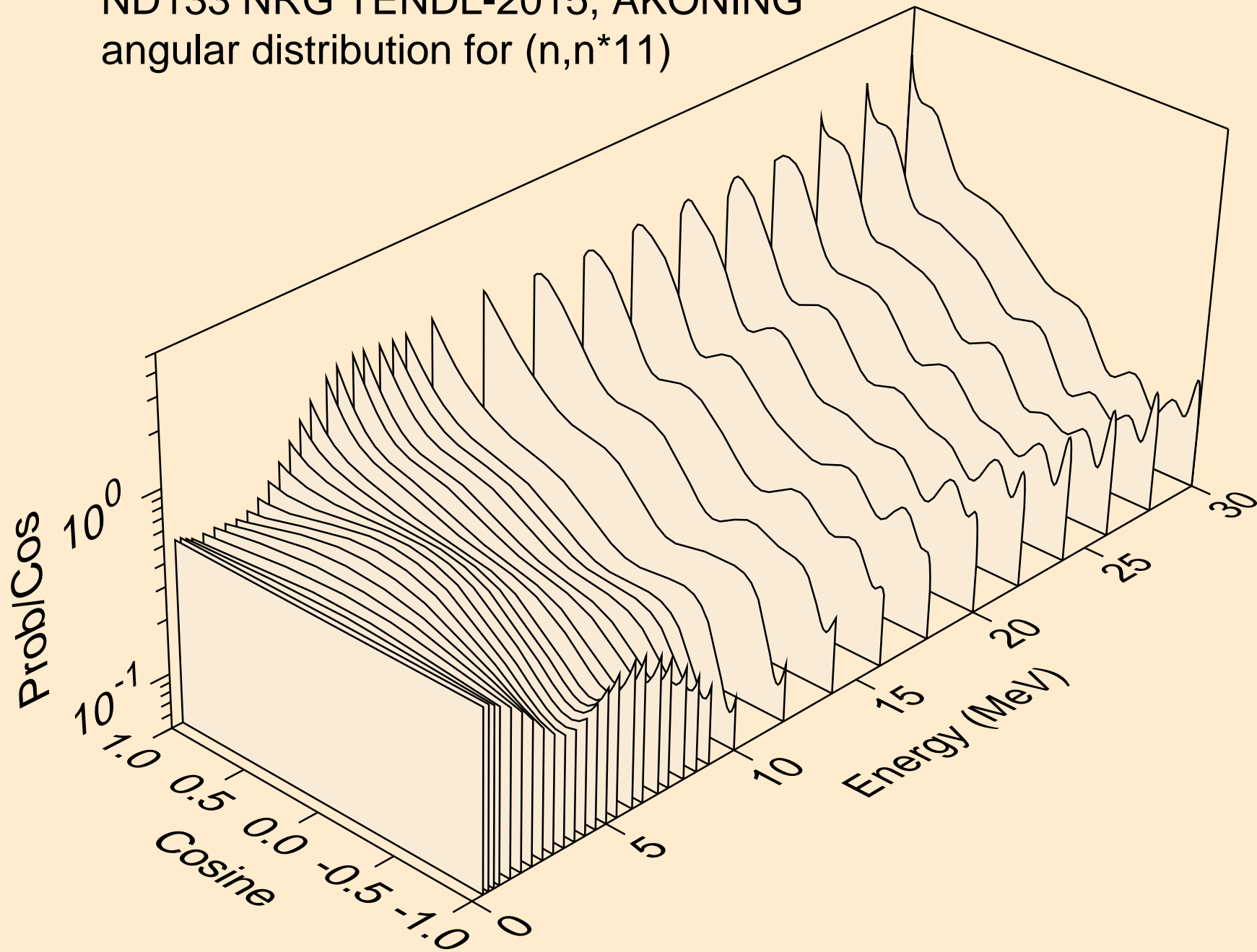
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



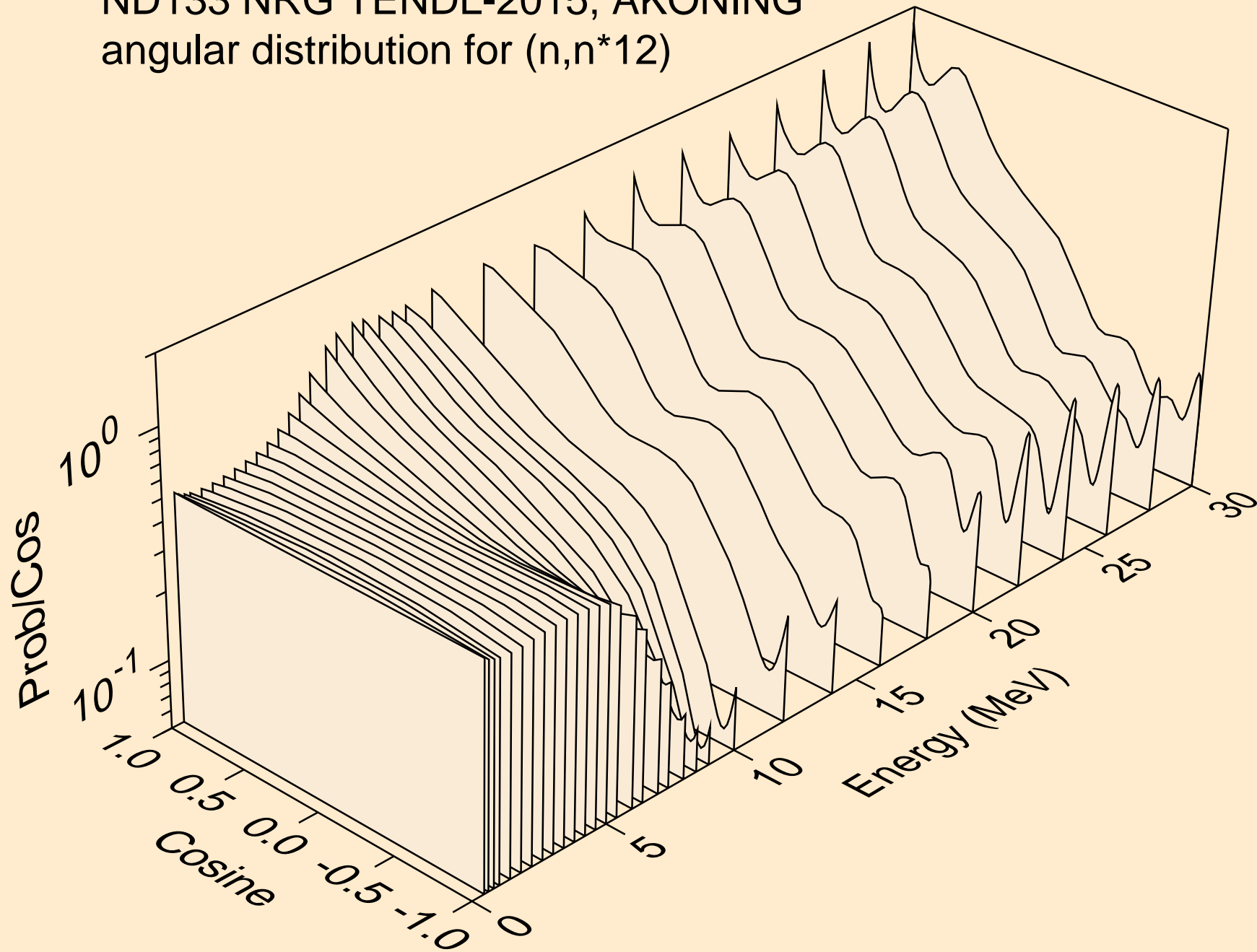
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

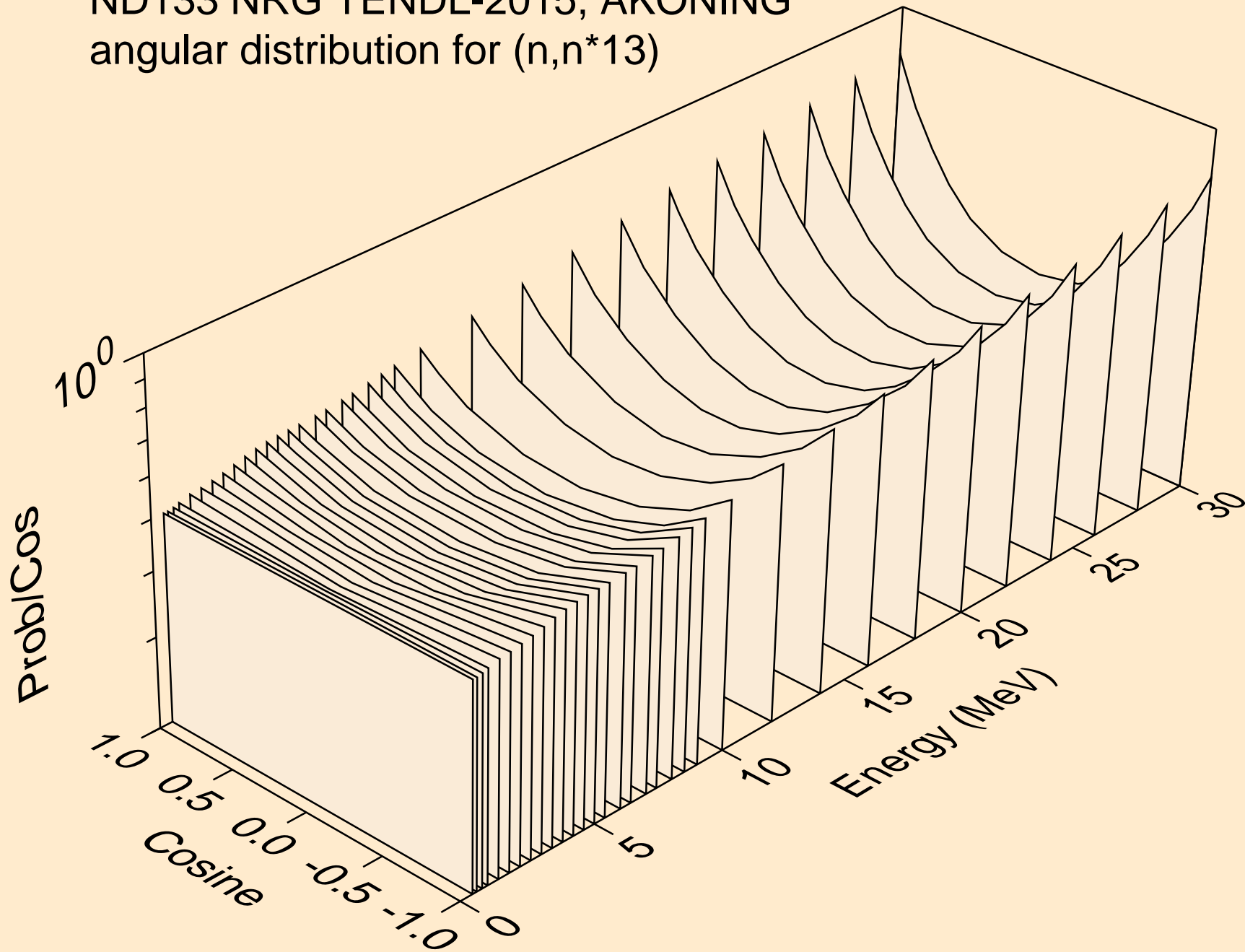


ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

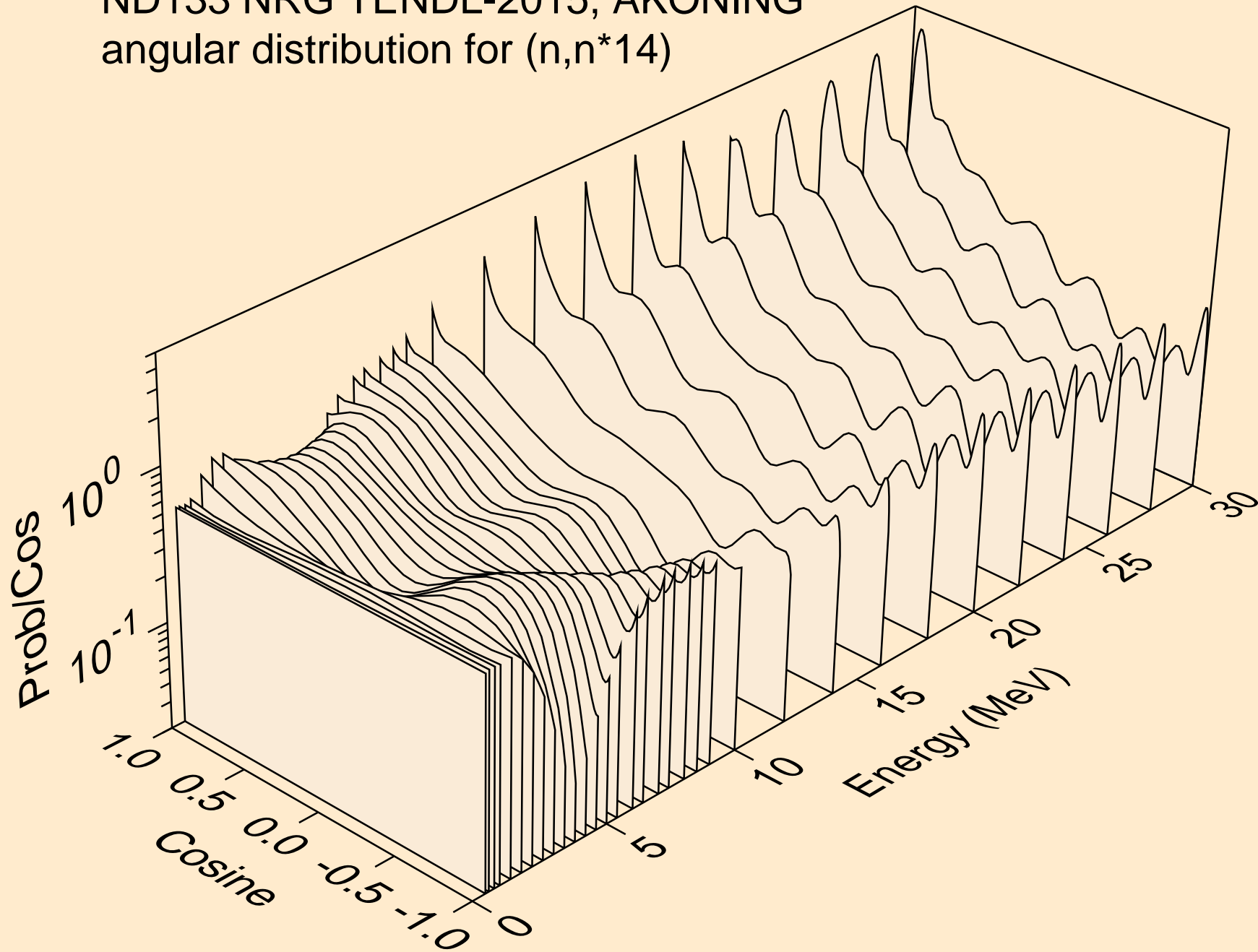




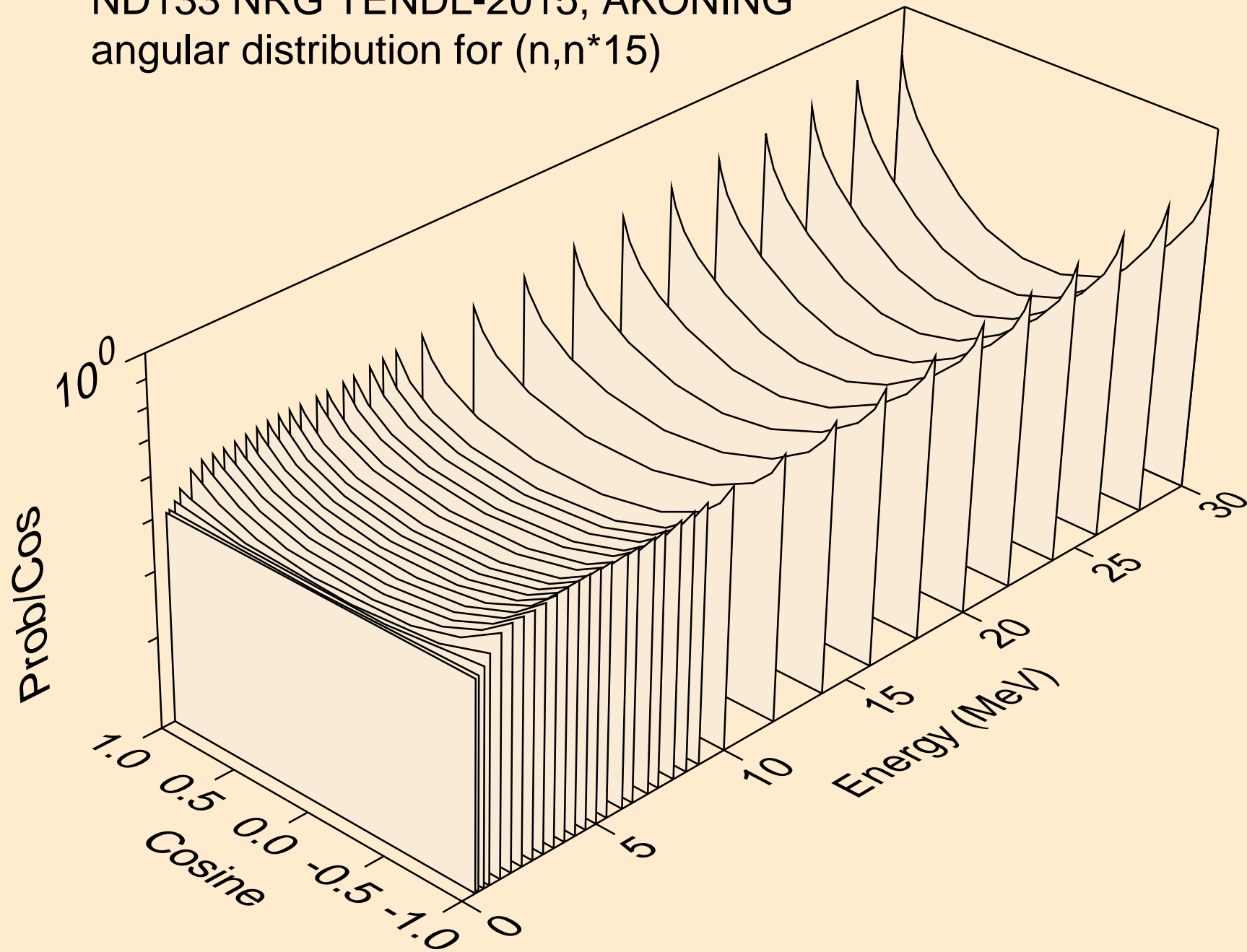
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



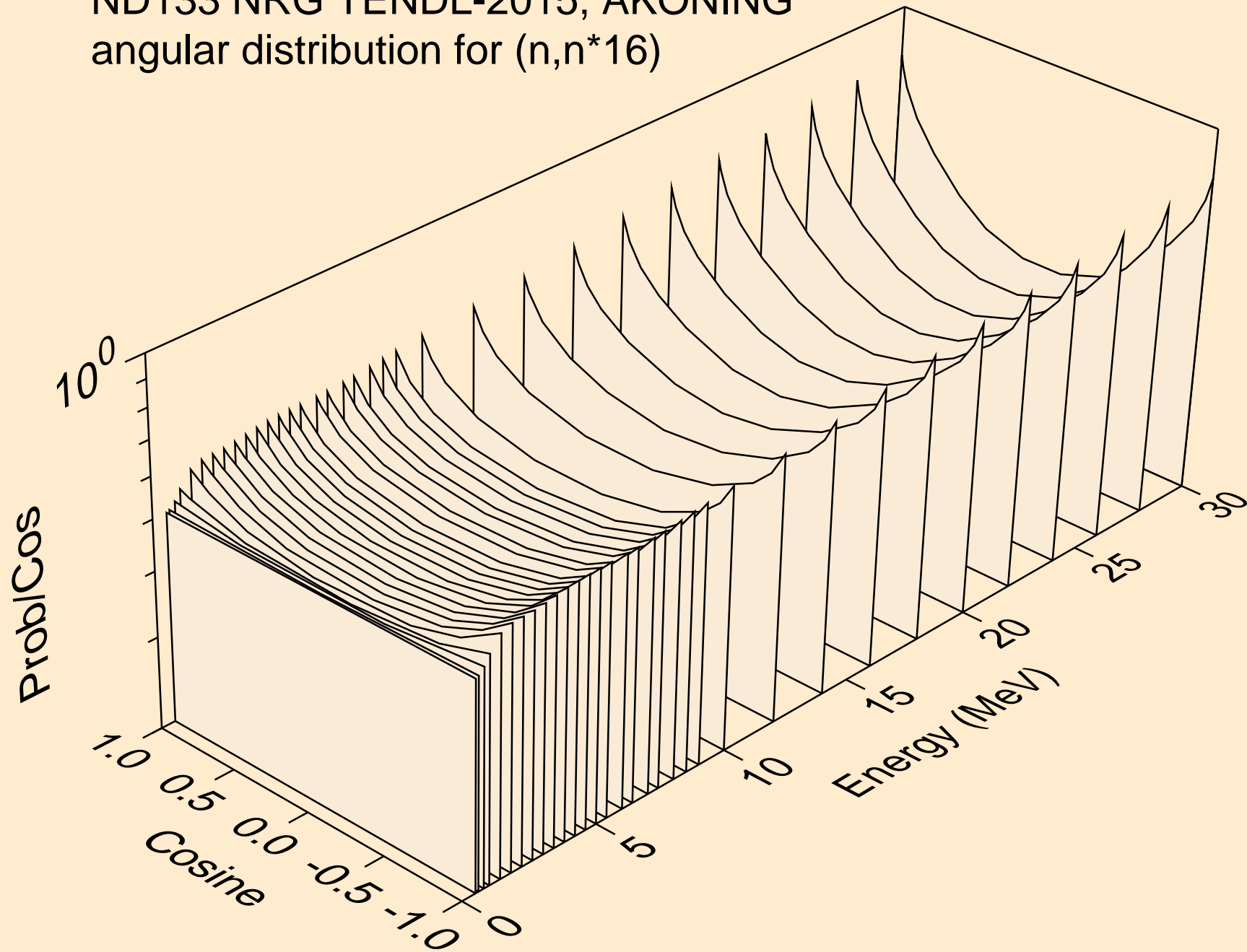
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



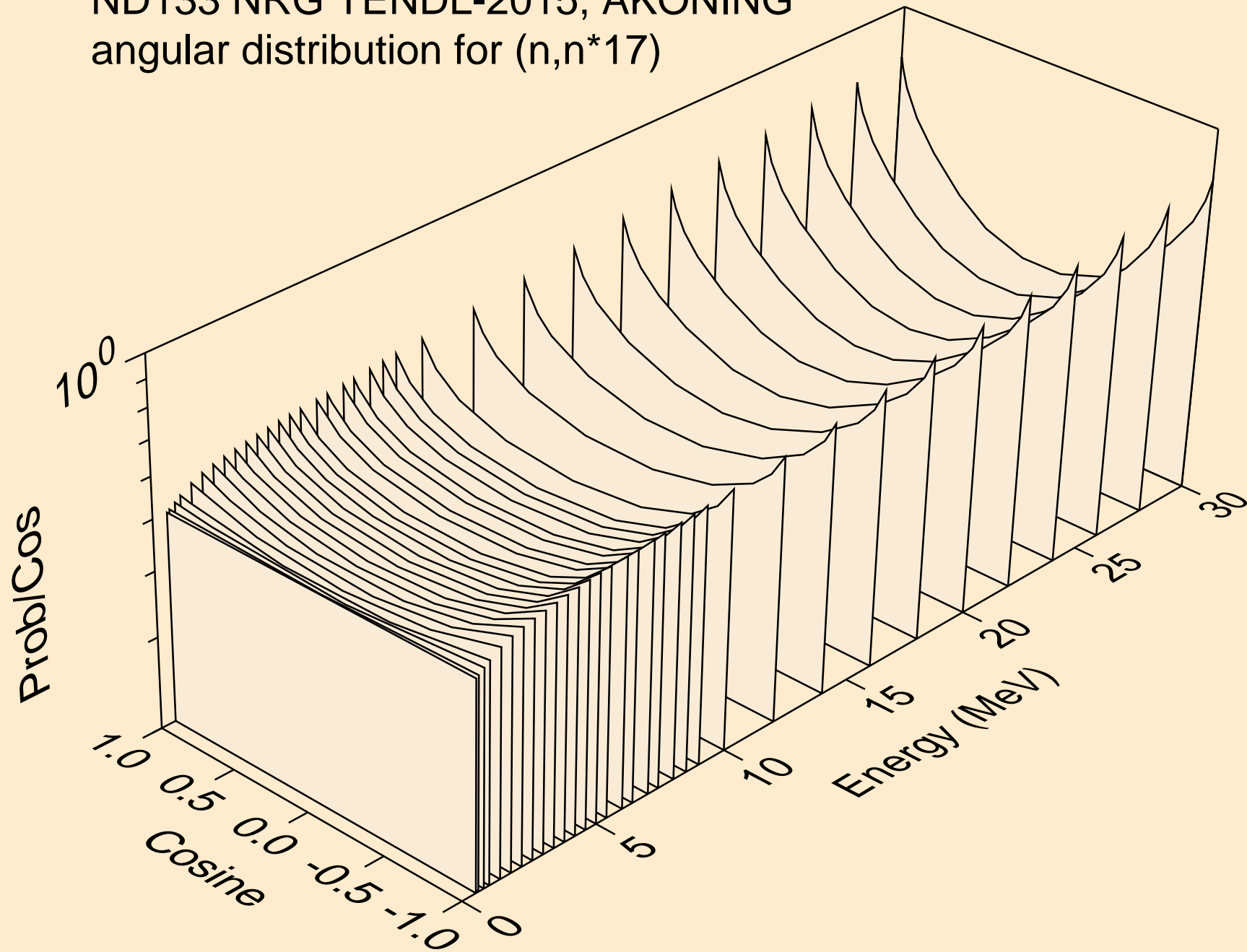
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



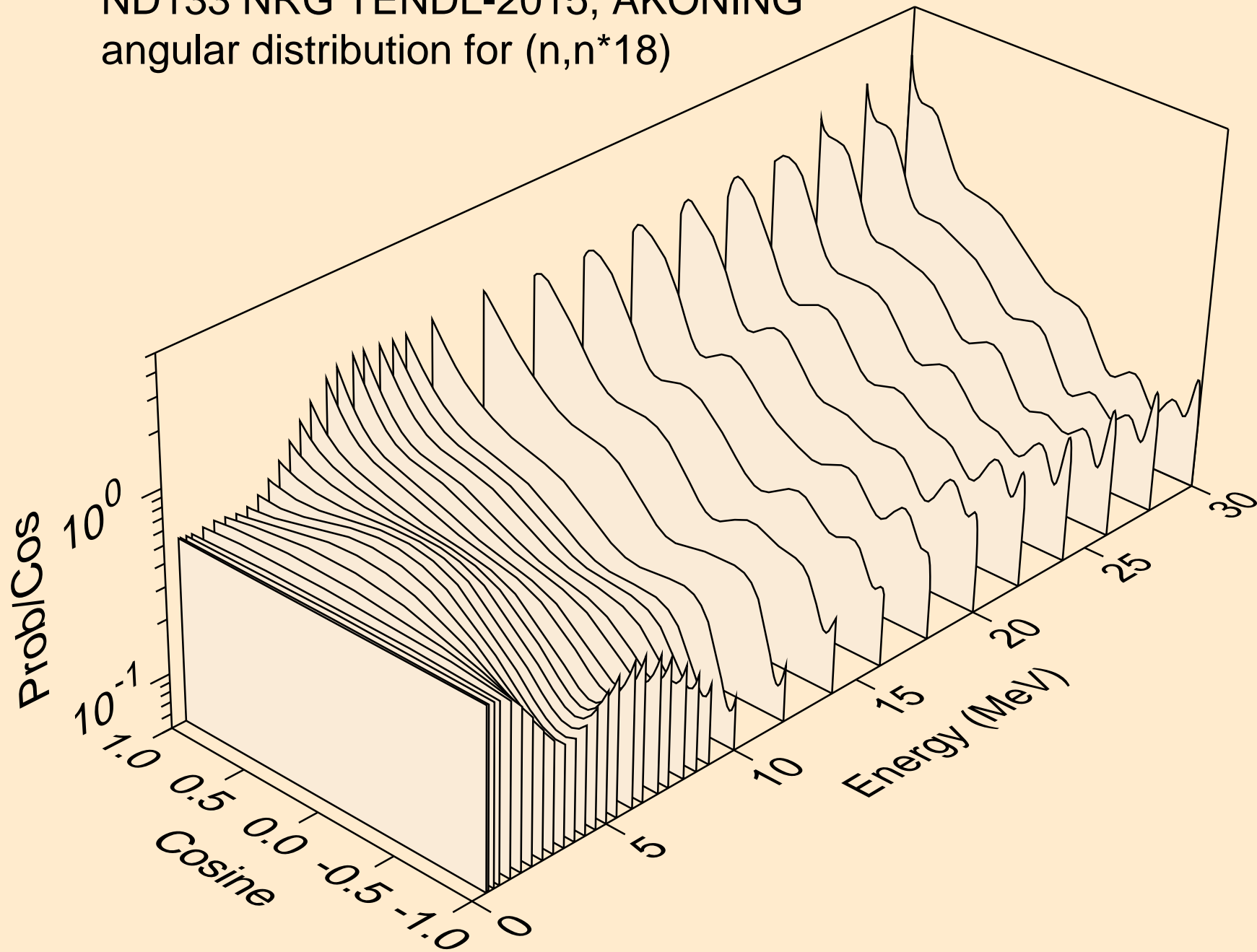
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



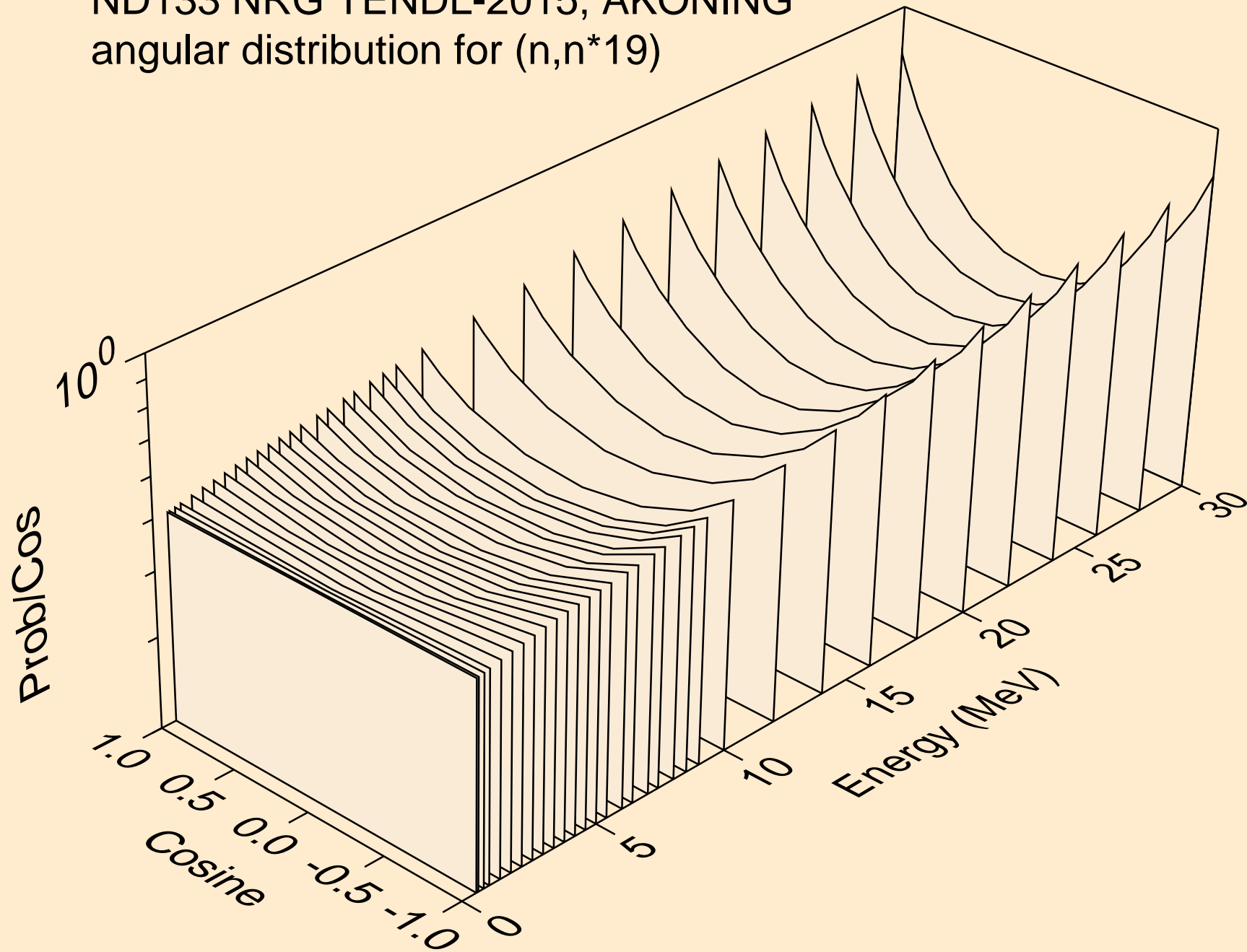
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



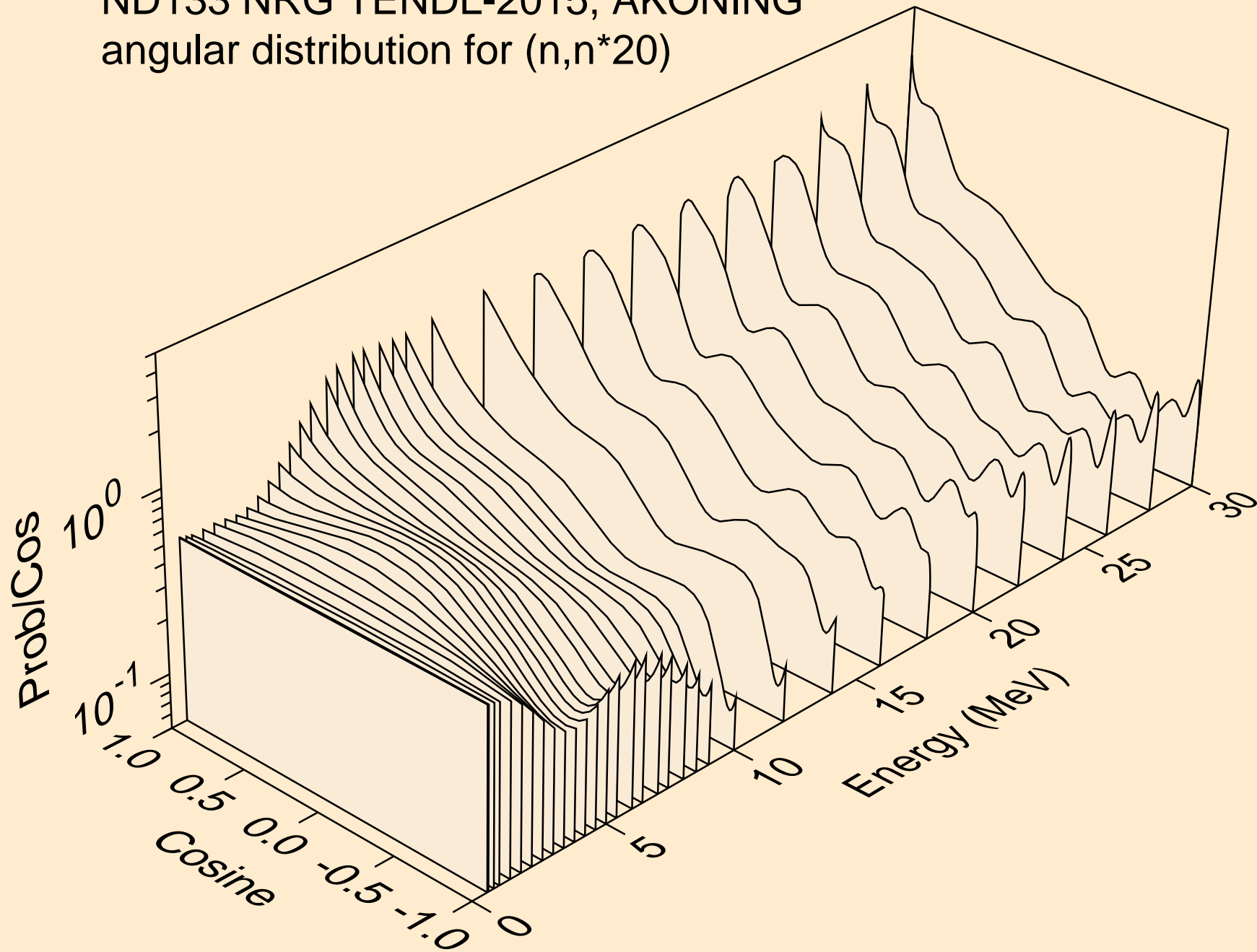
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

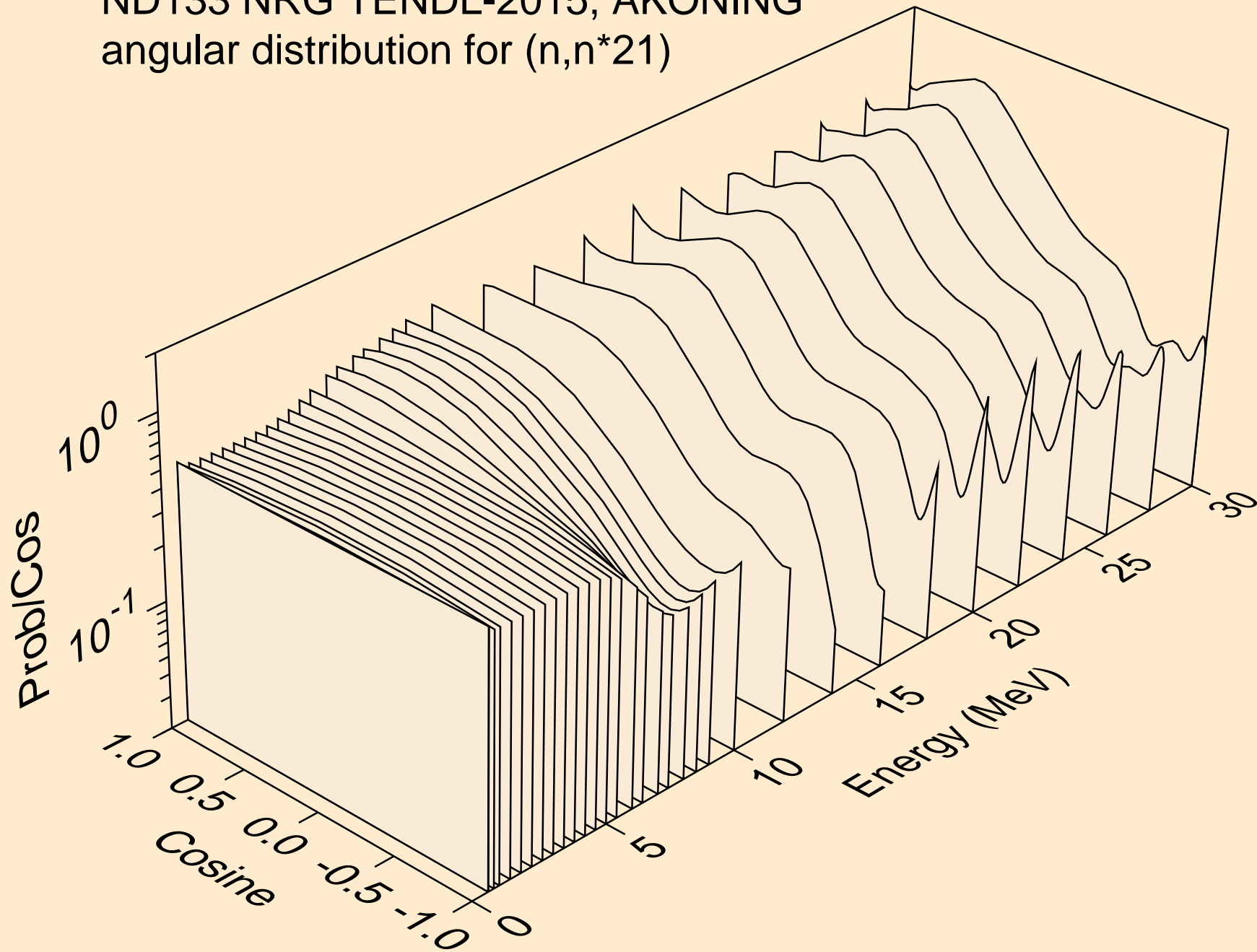


ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

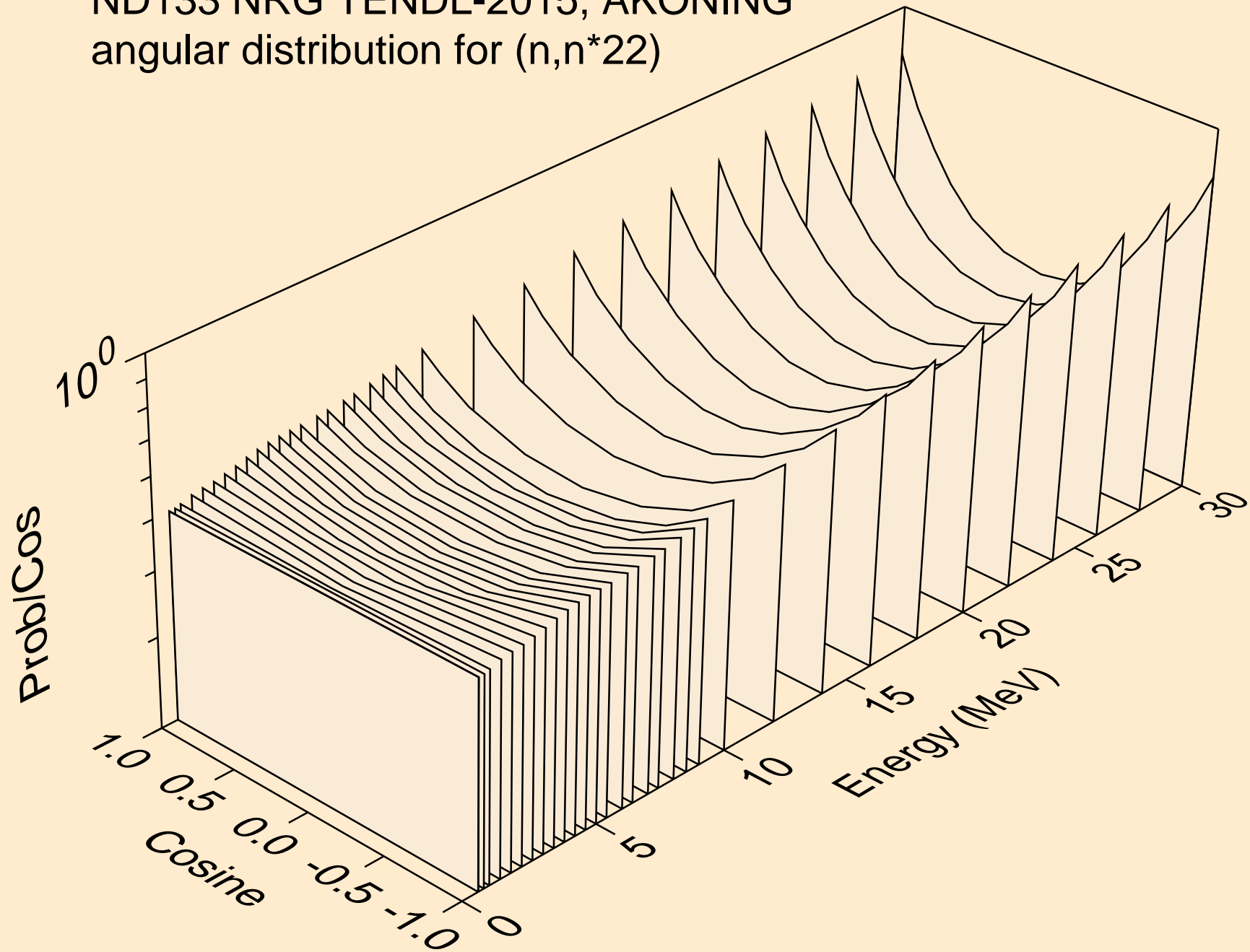




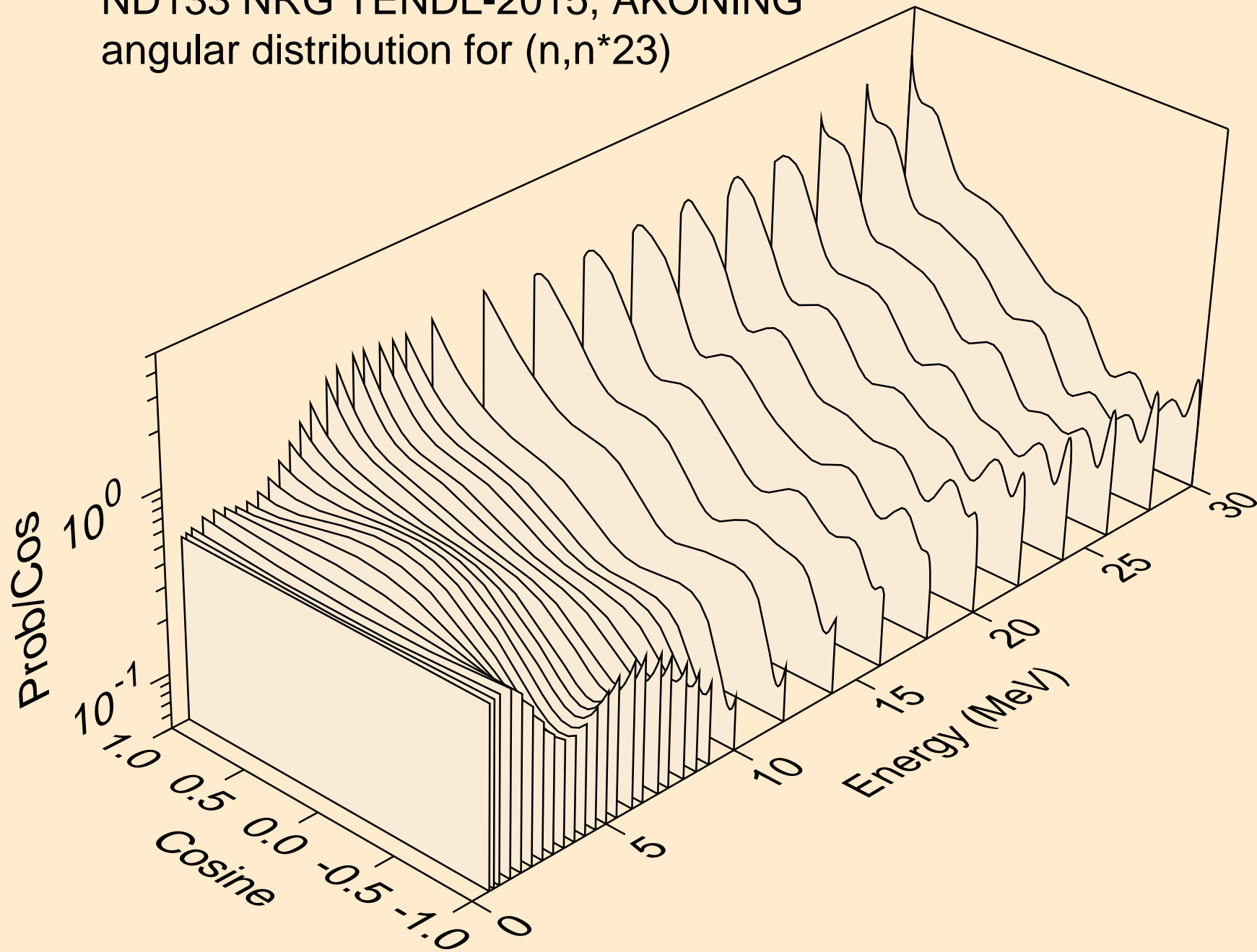
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



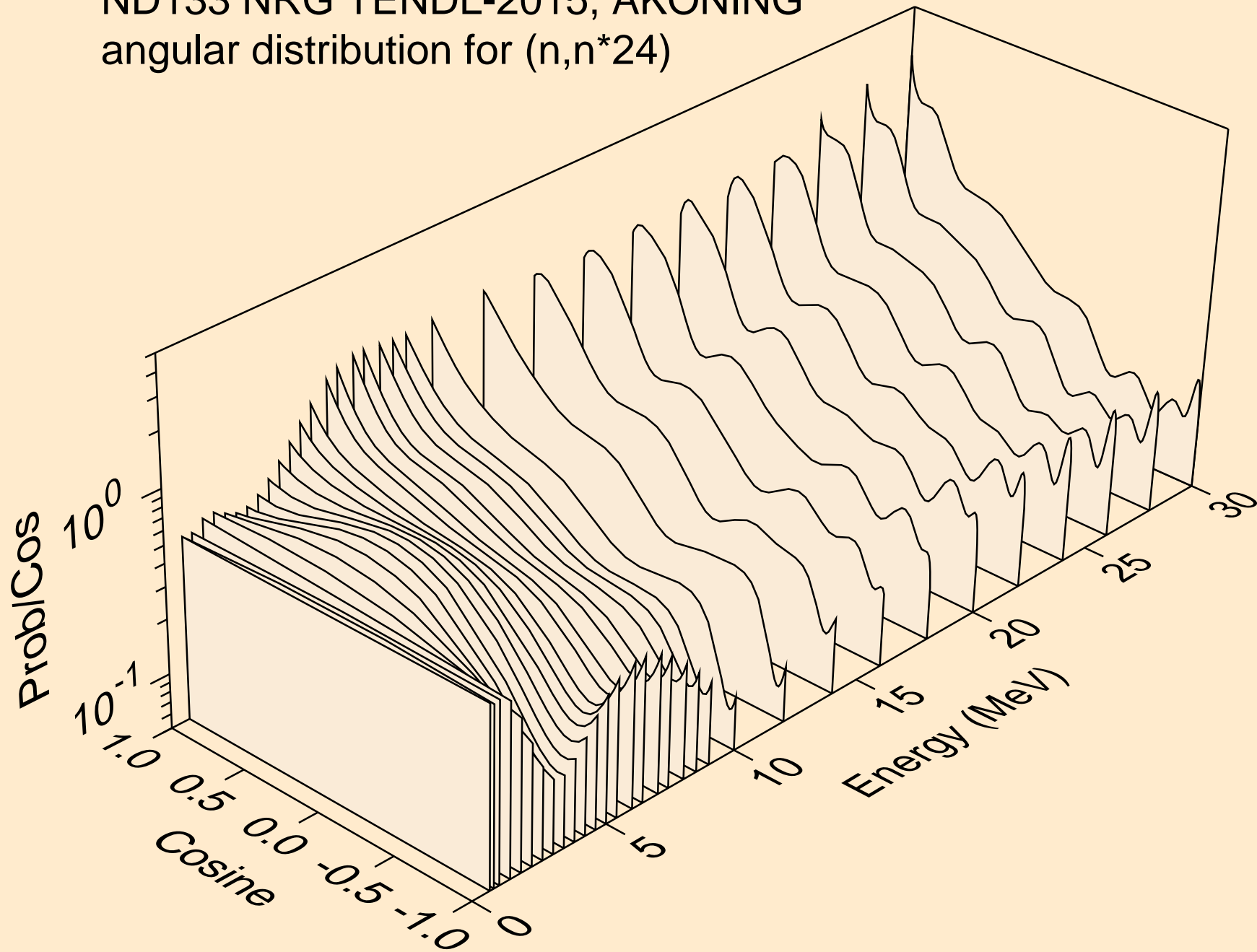
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



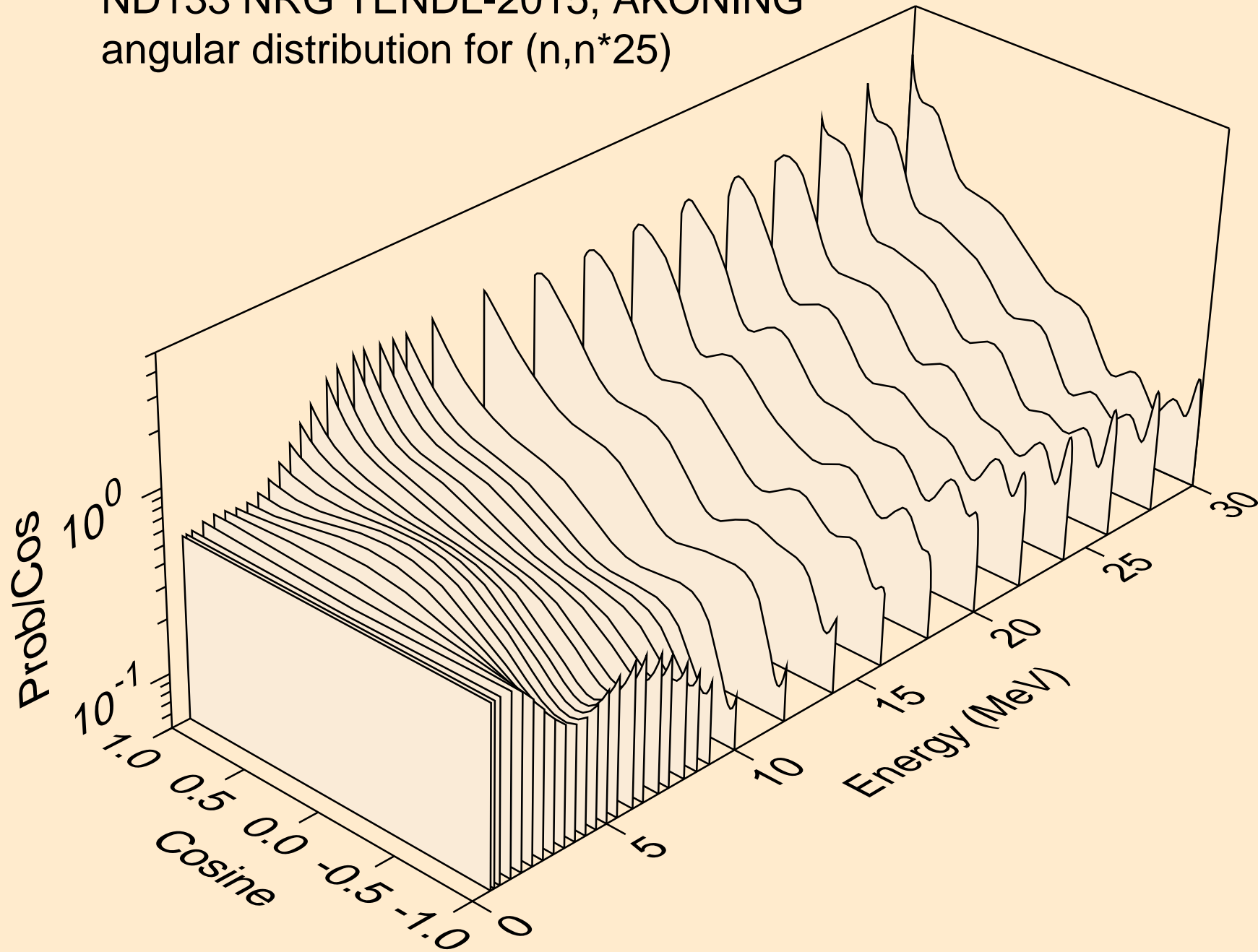
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



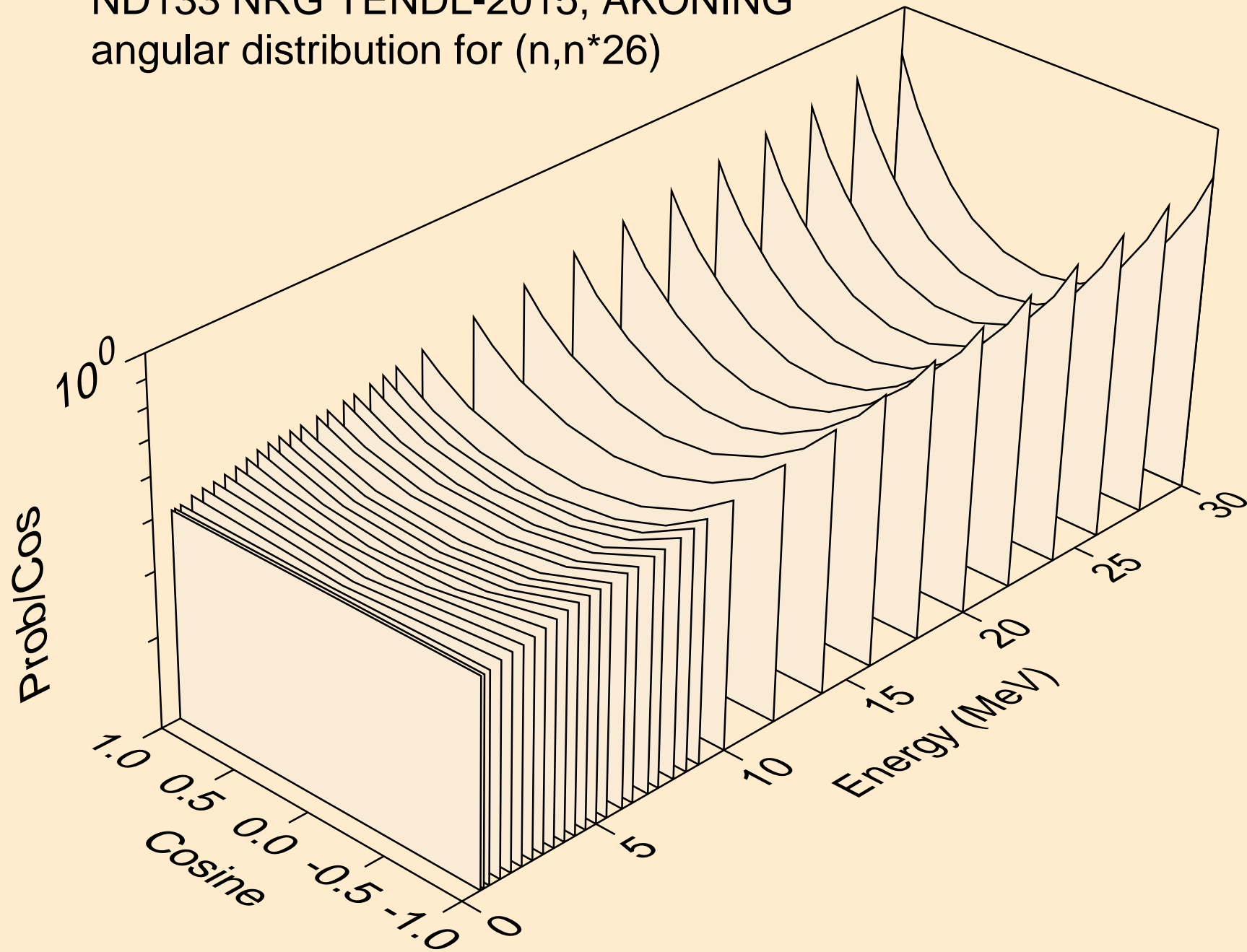
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



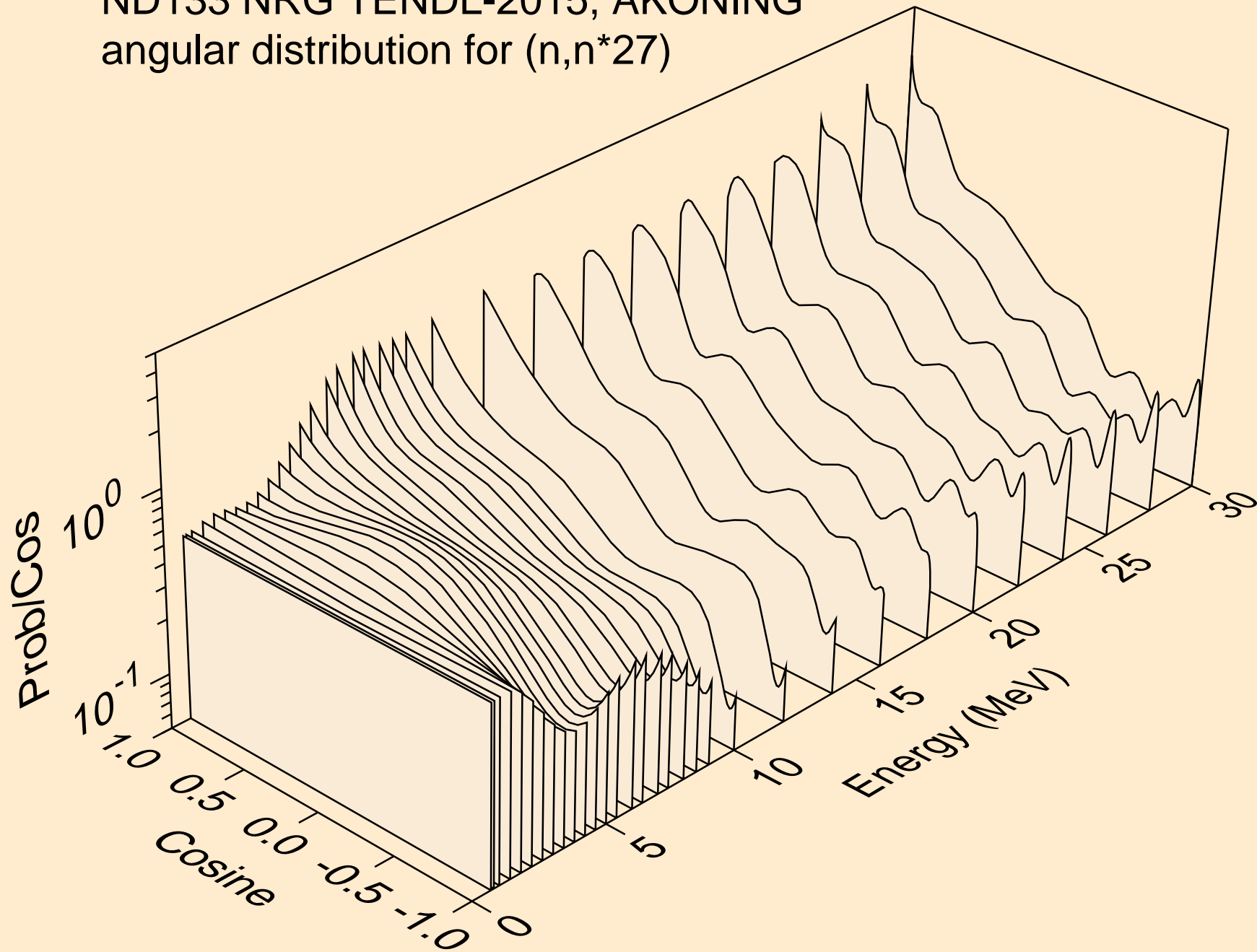
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



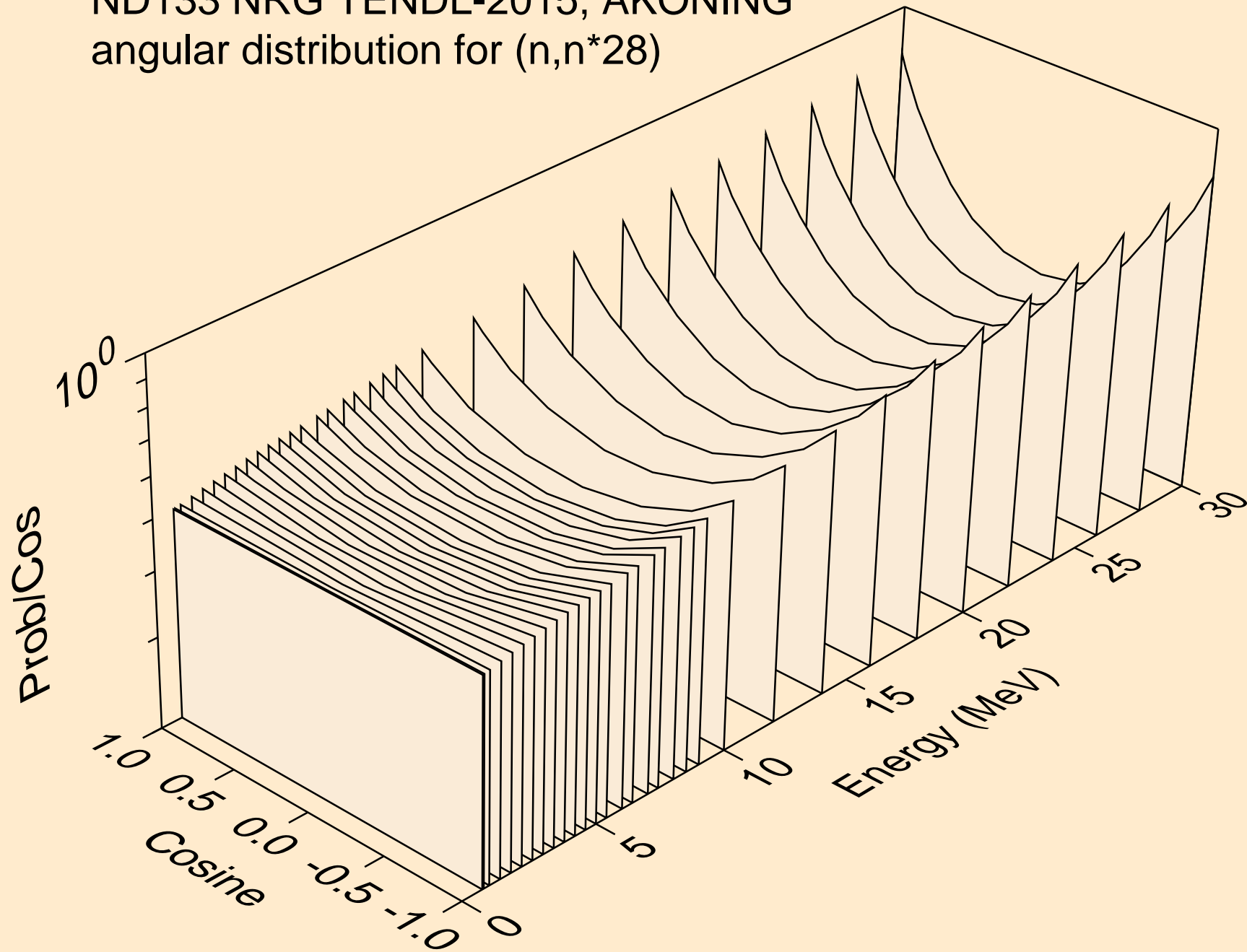
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

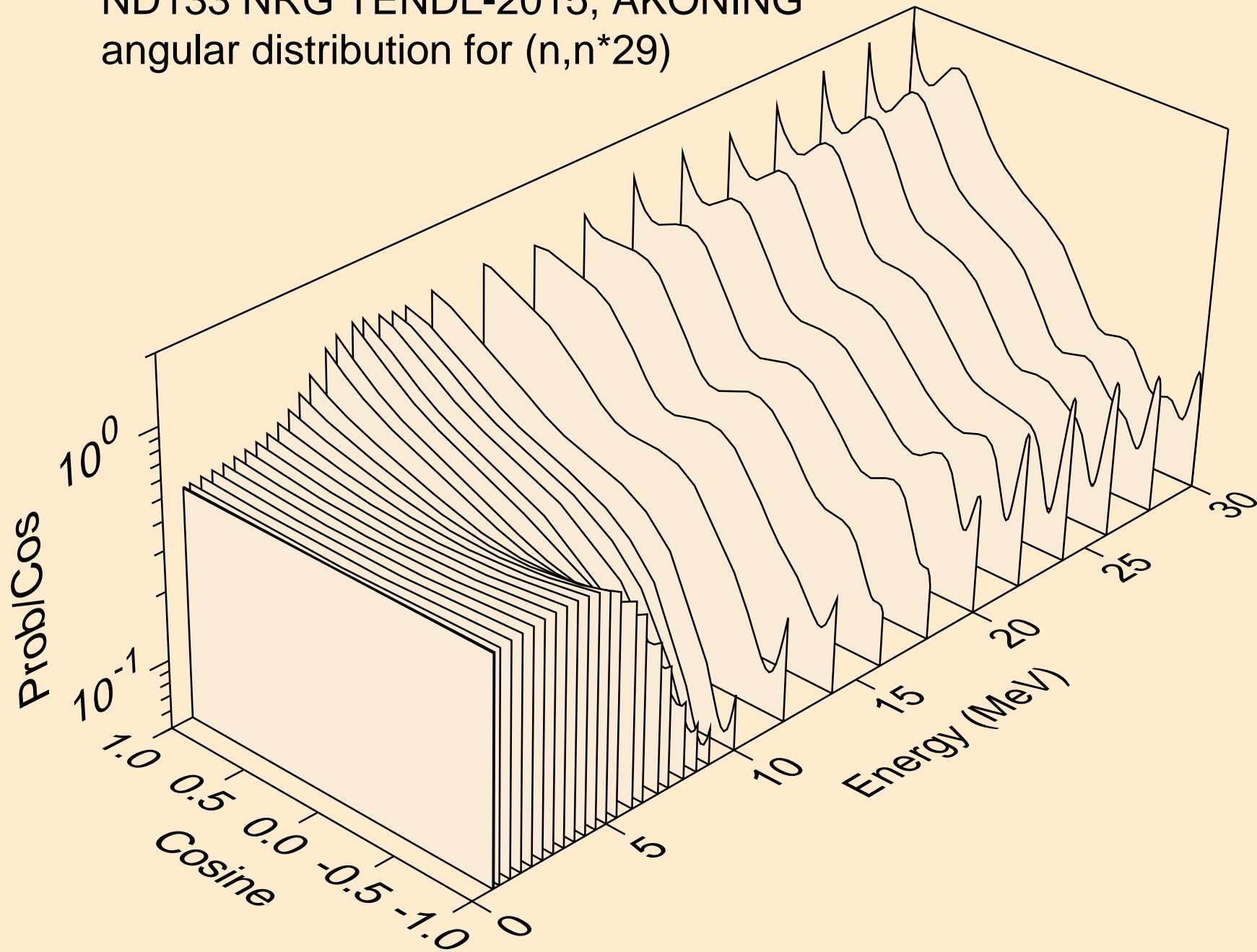


ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

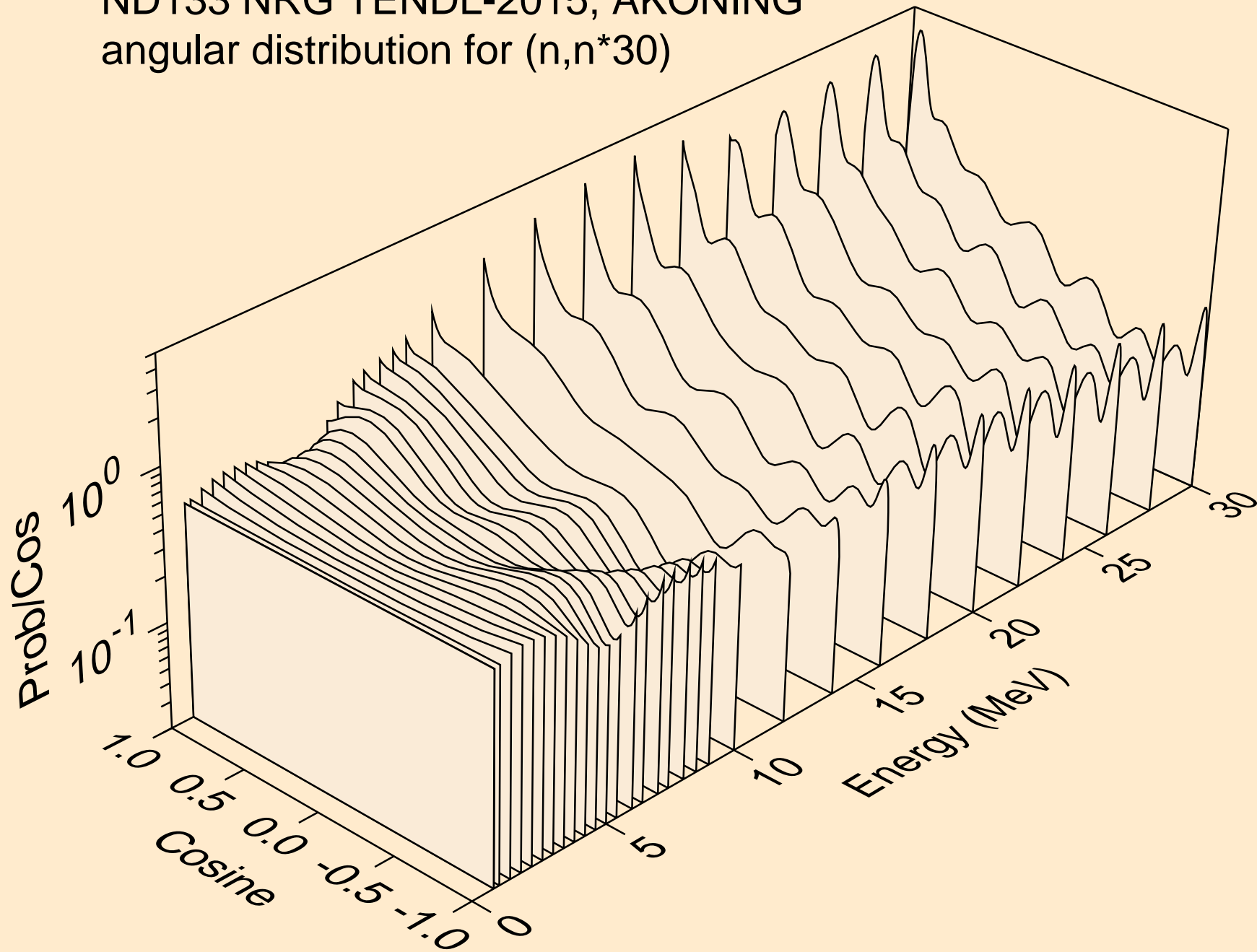




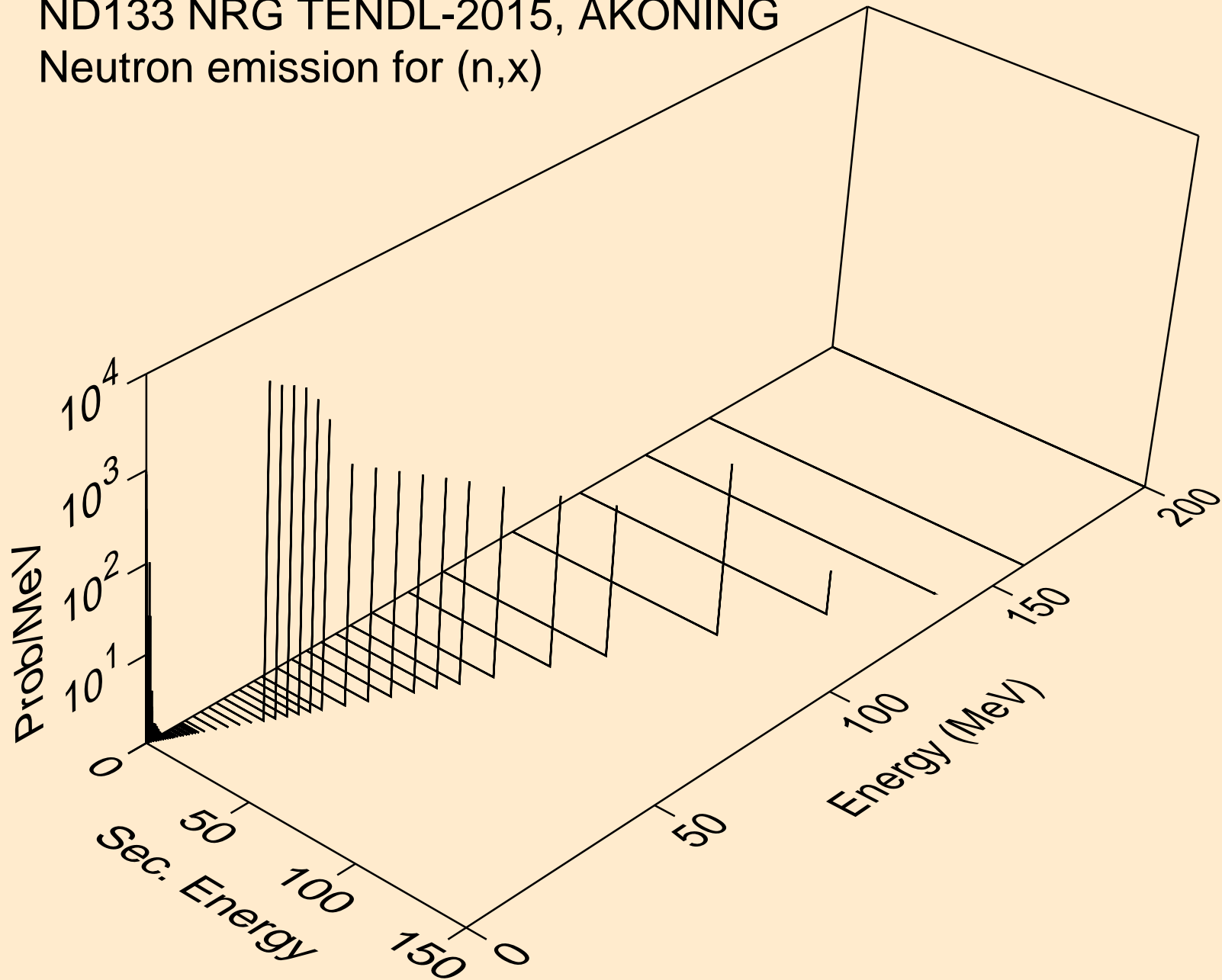
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



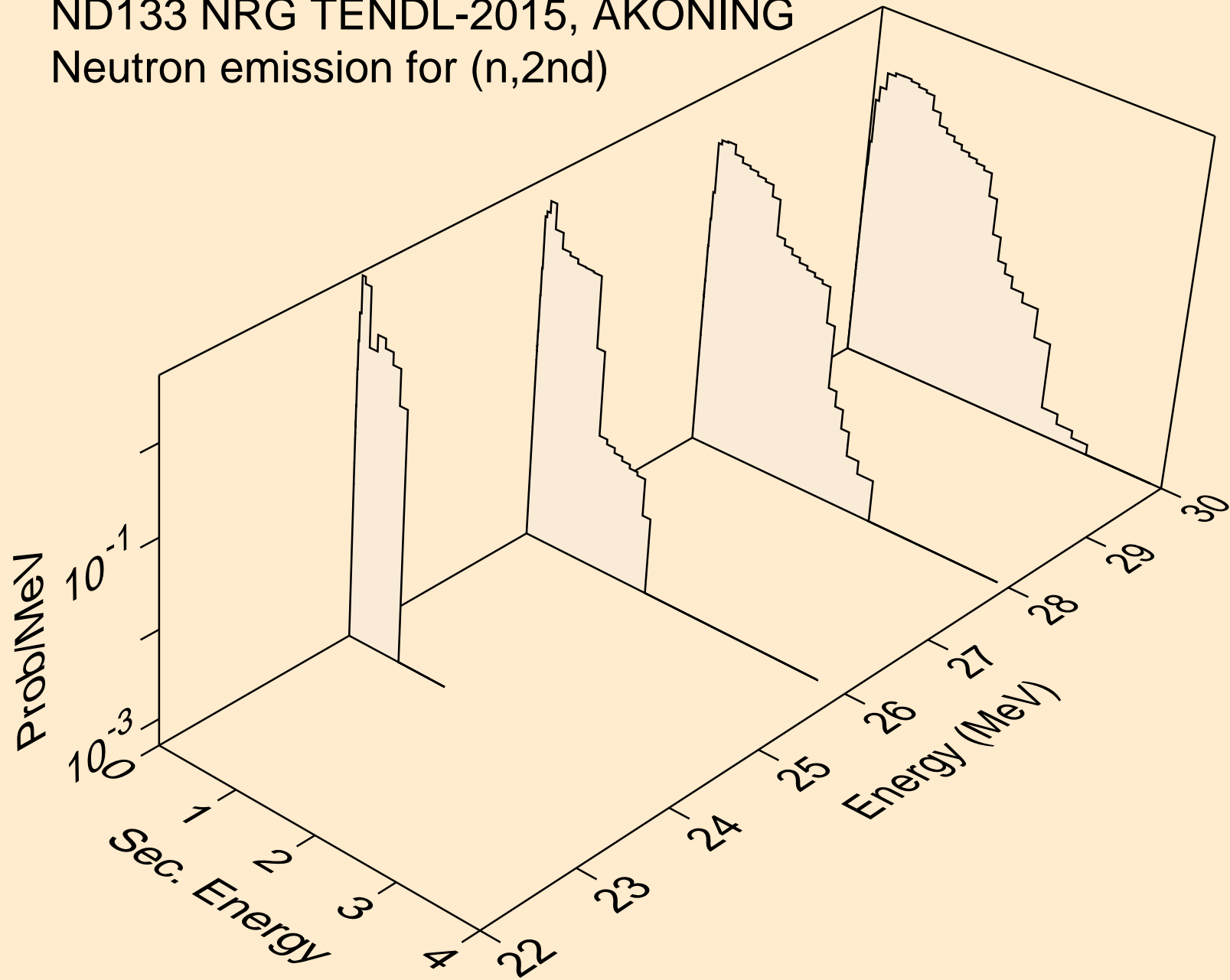
ND133 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



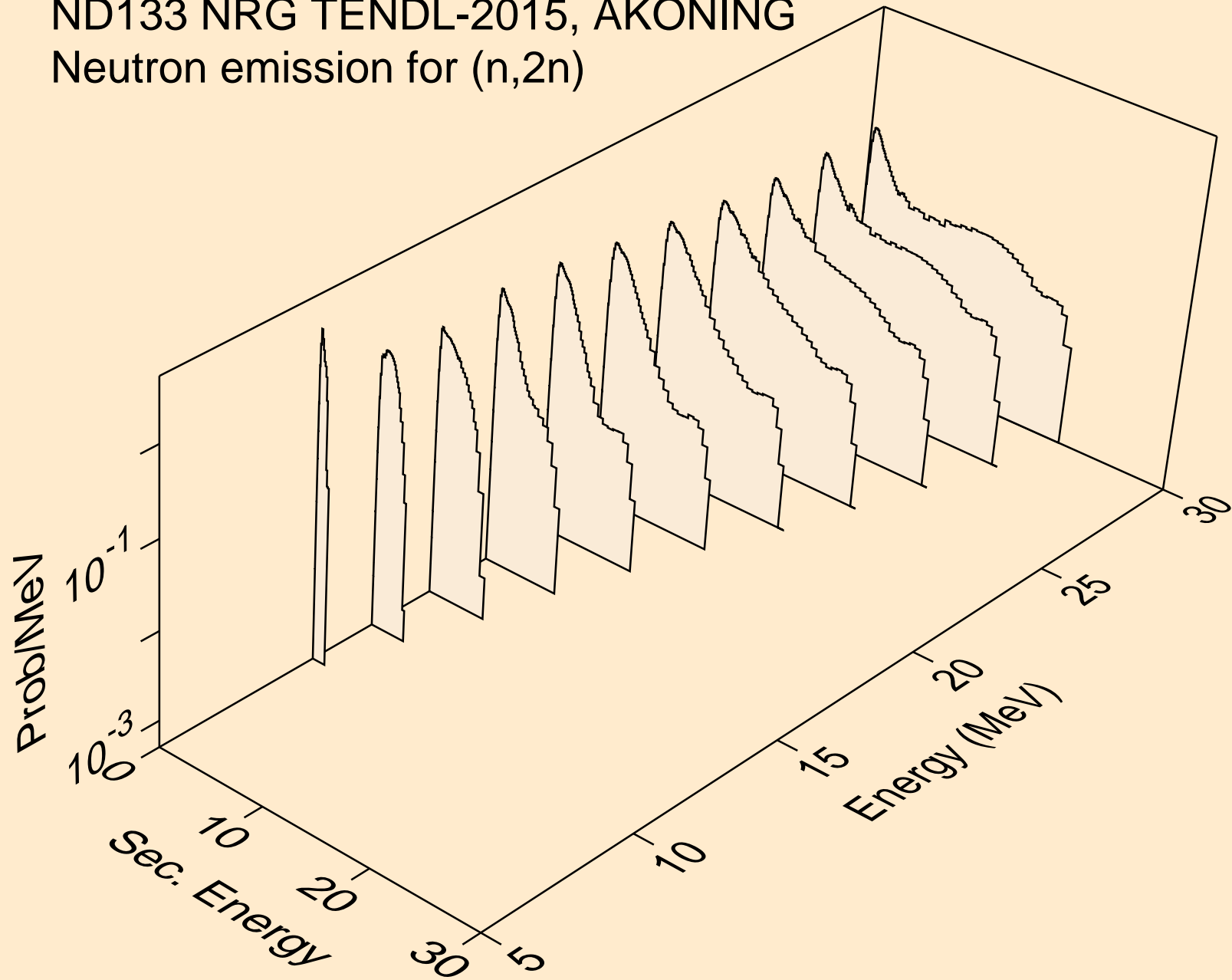
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



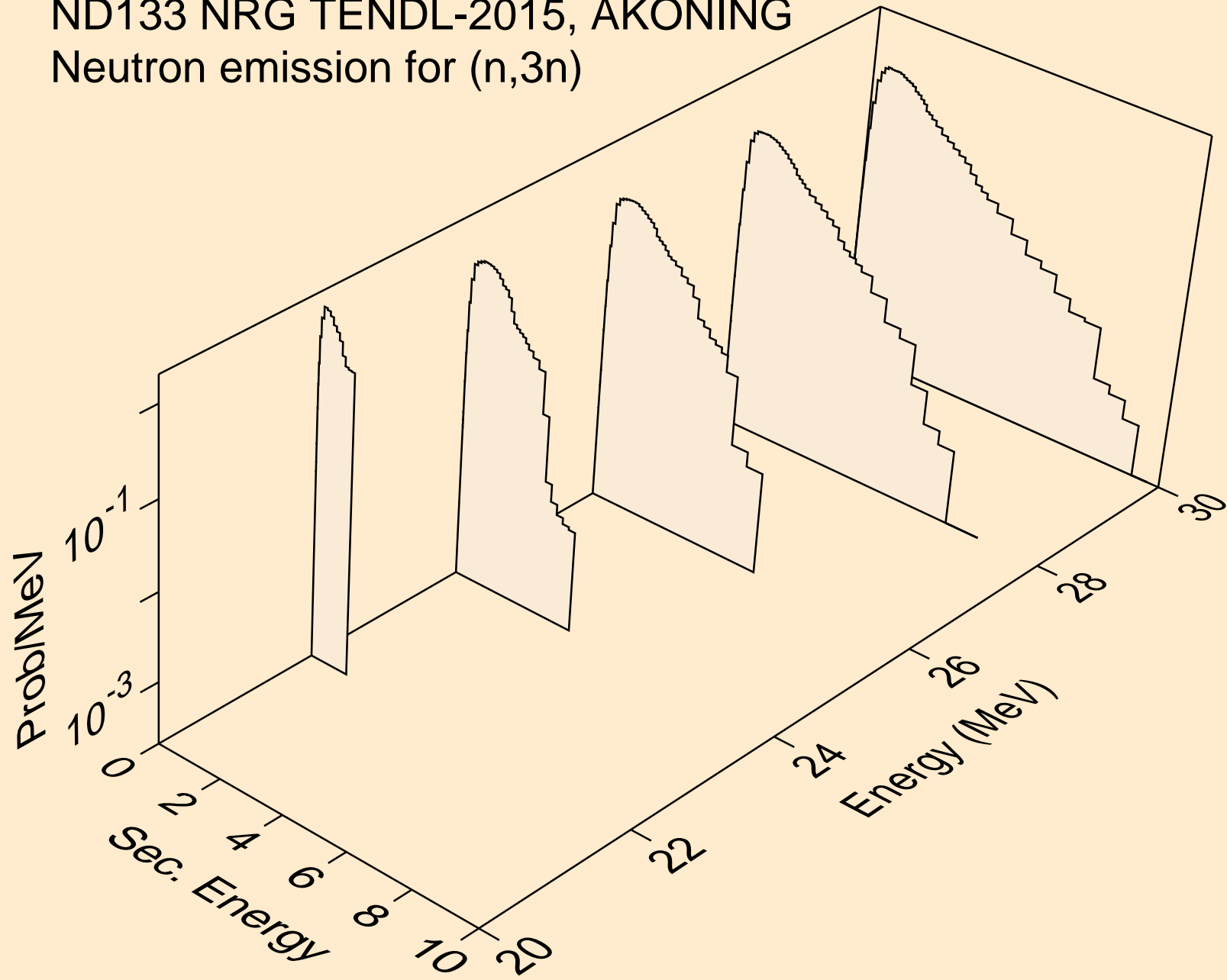
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



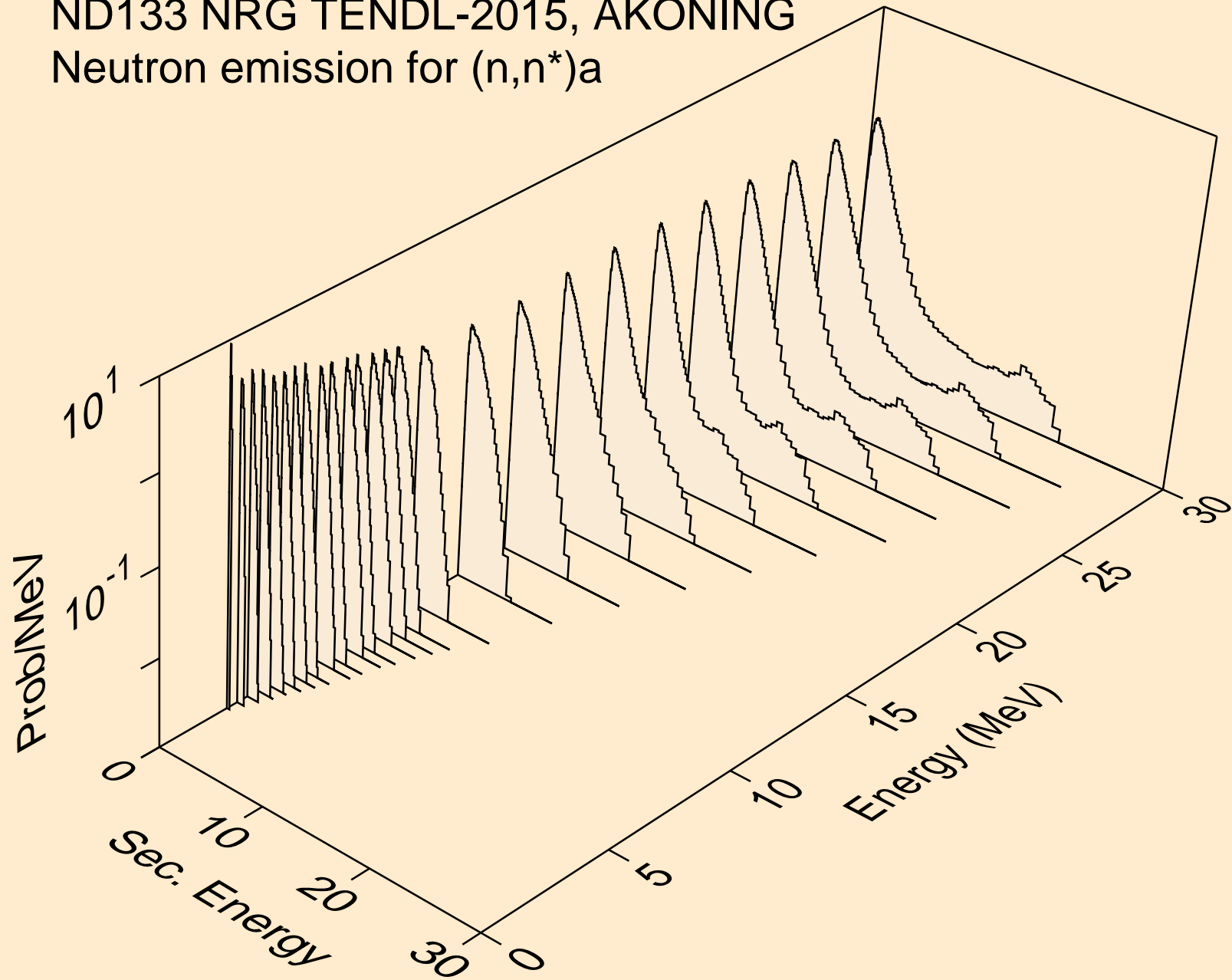
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



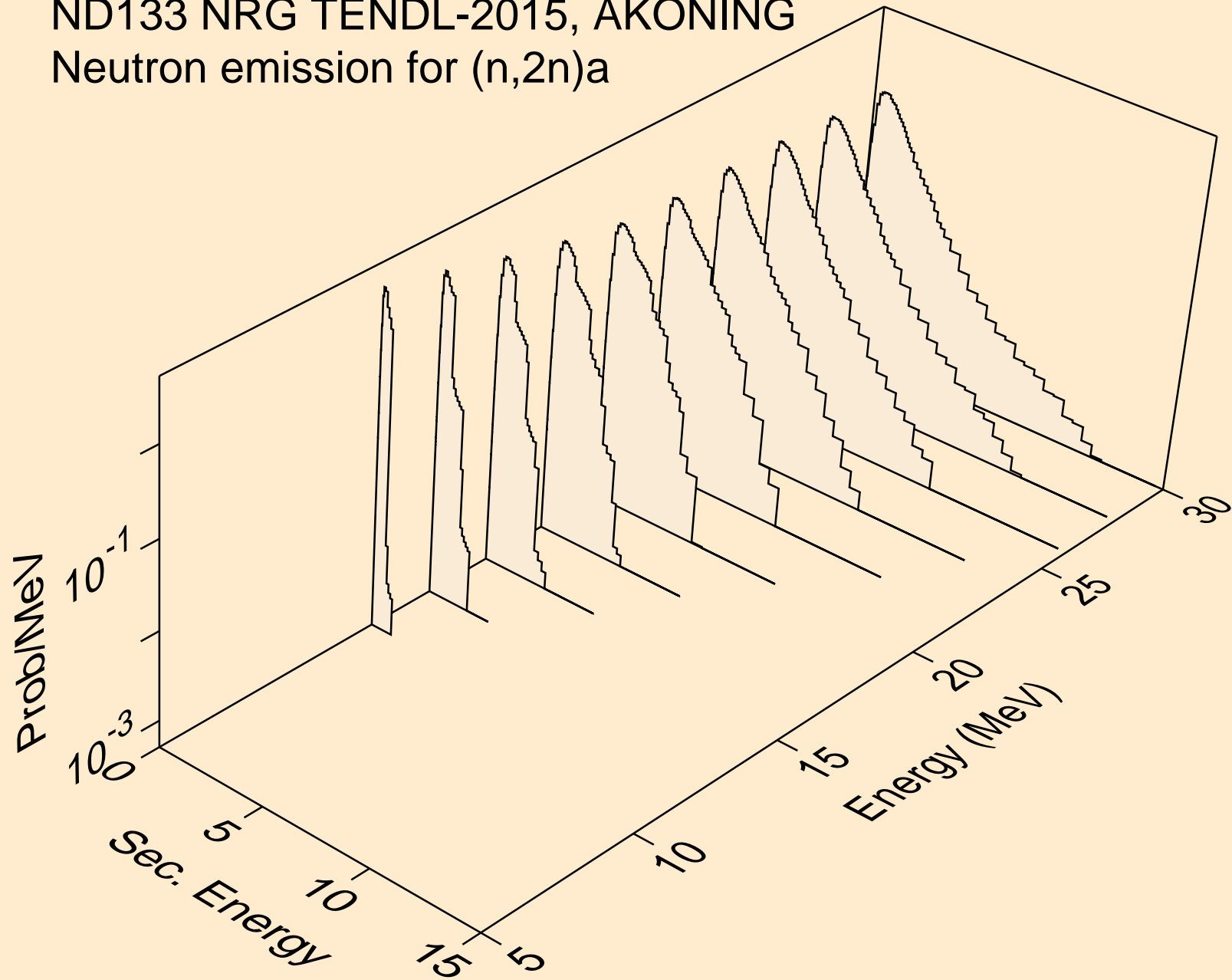
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

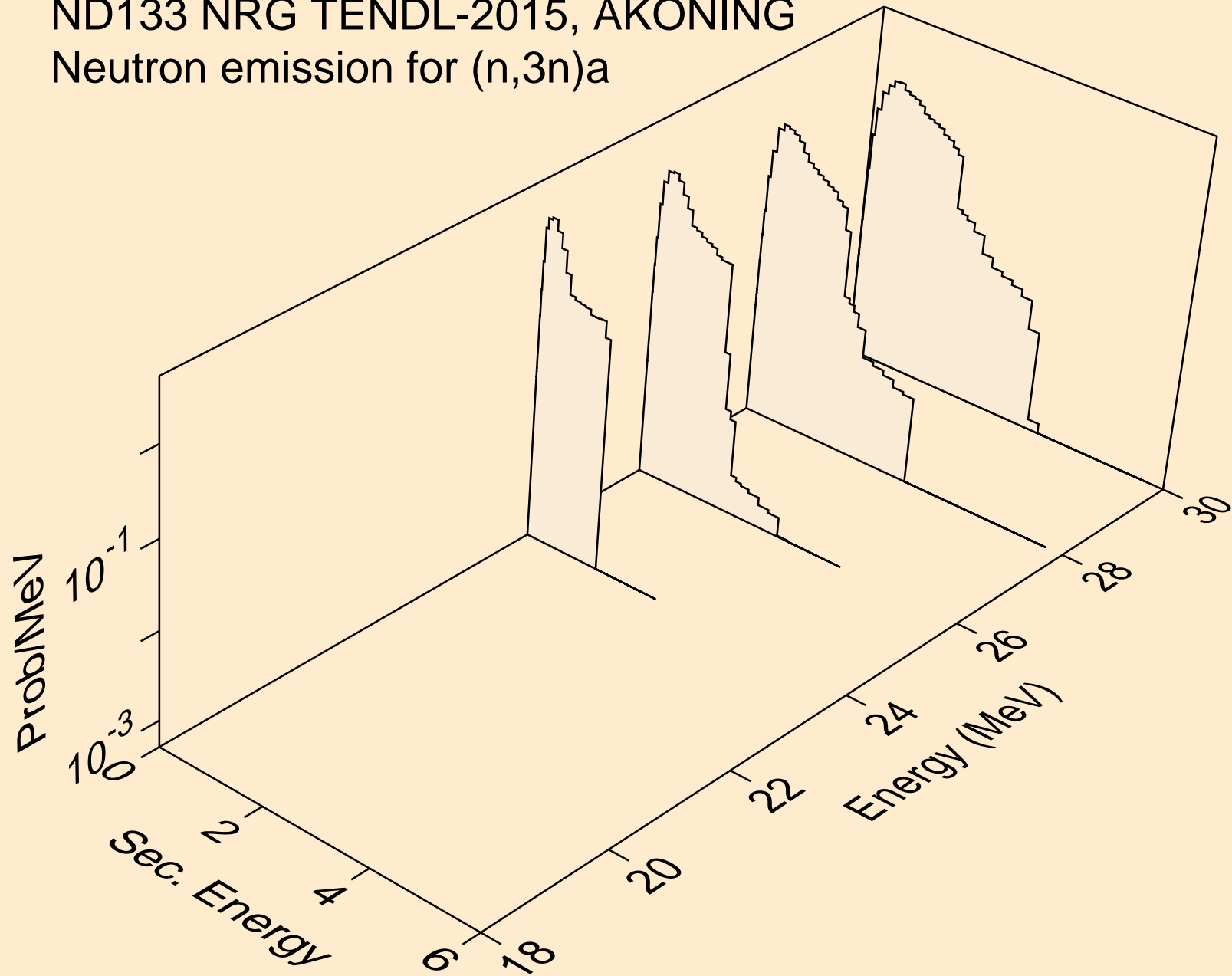


ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

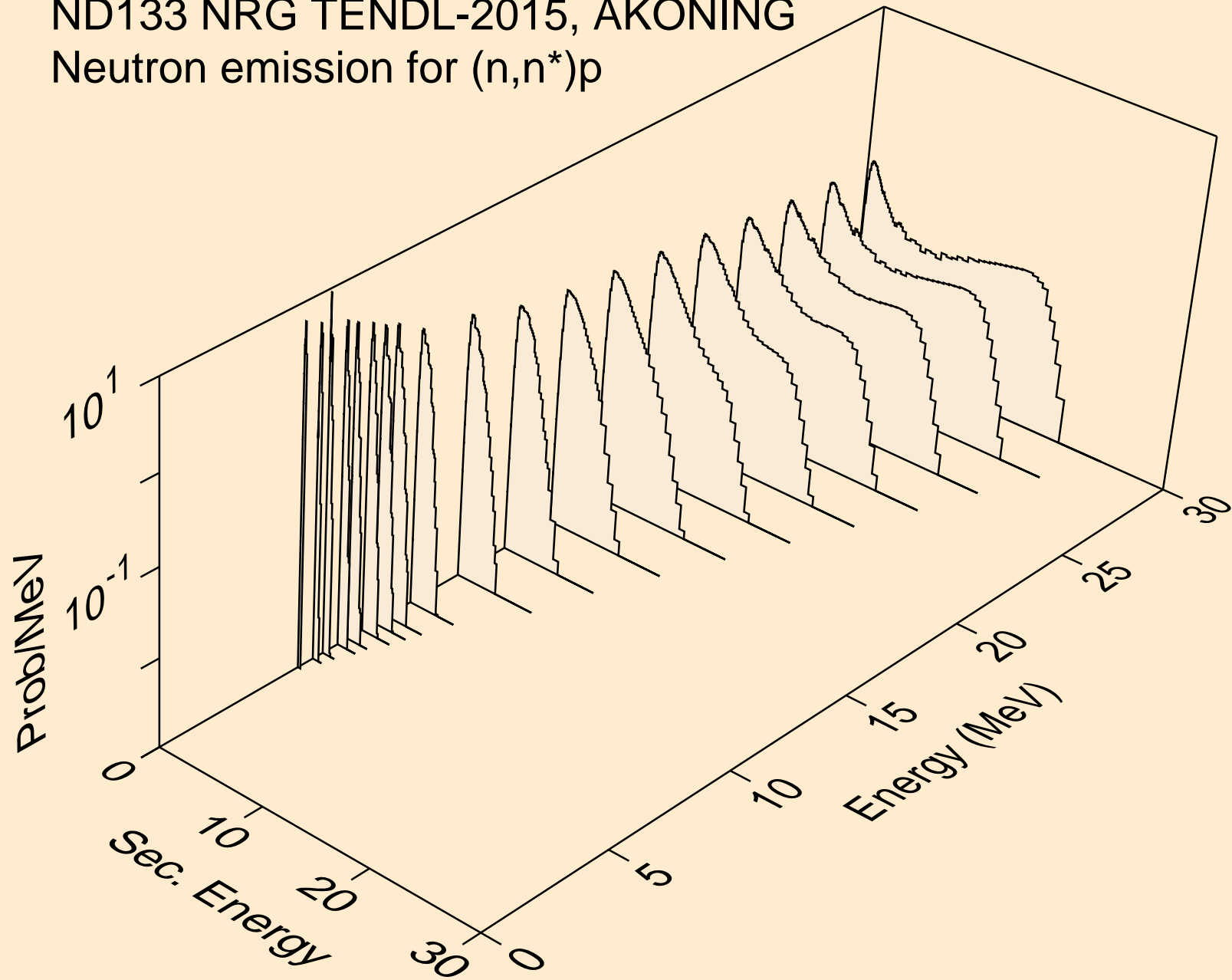




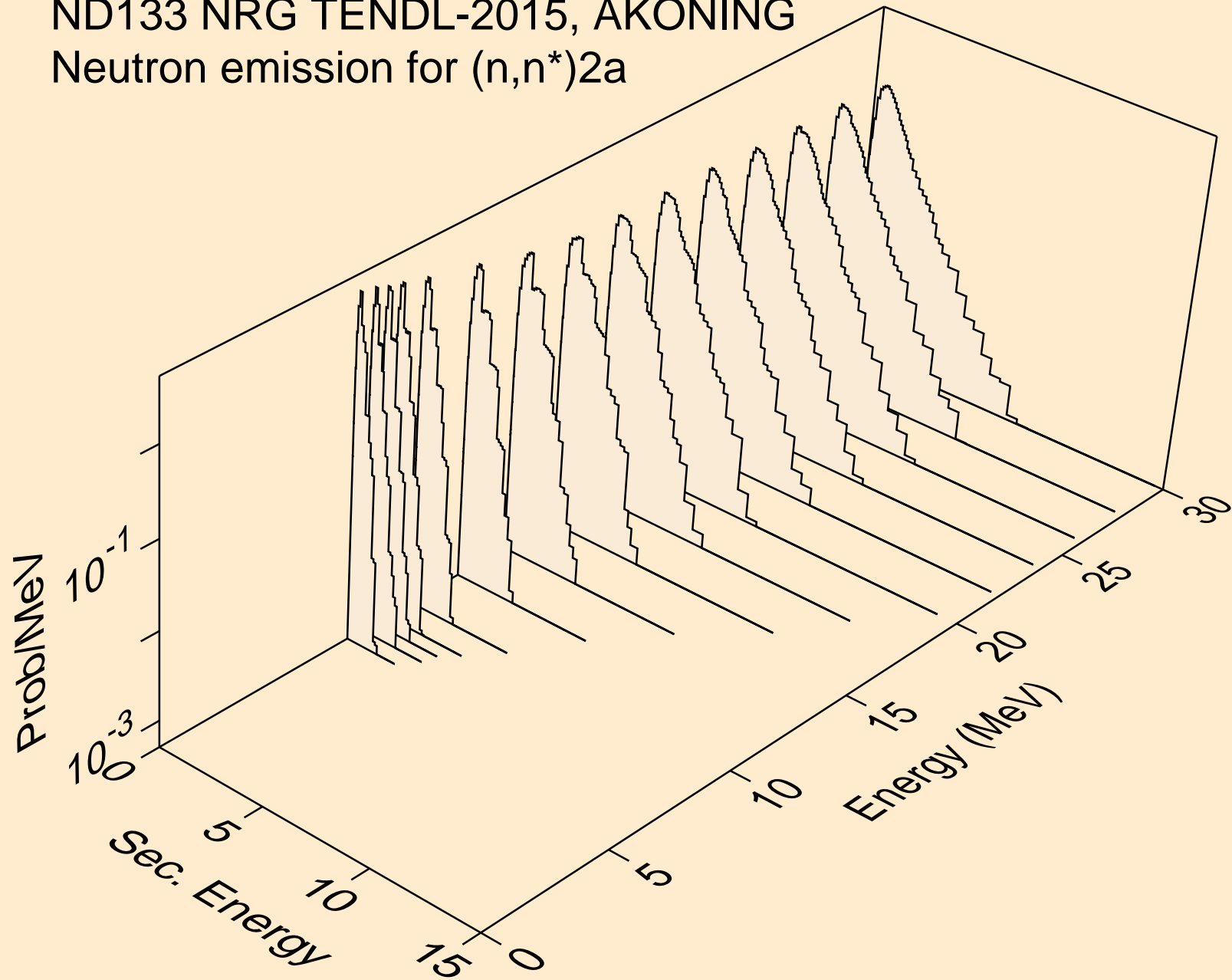
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



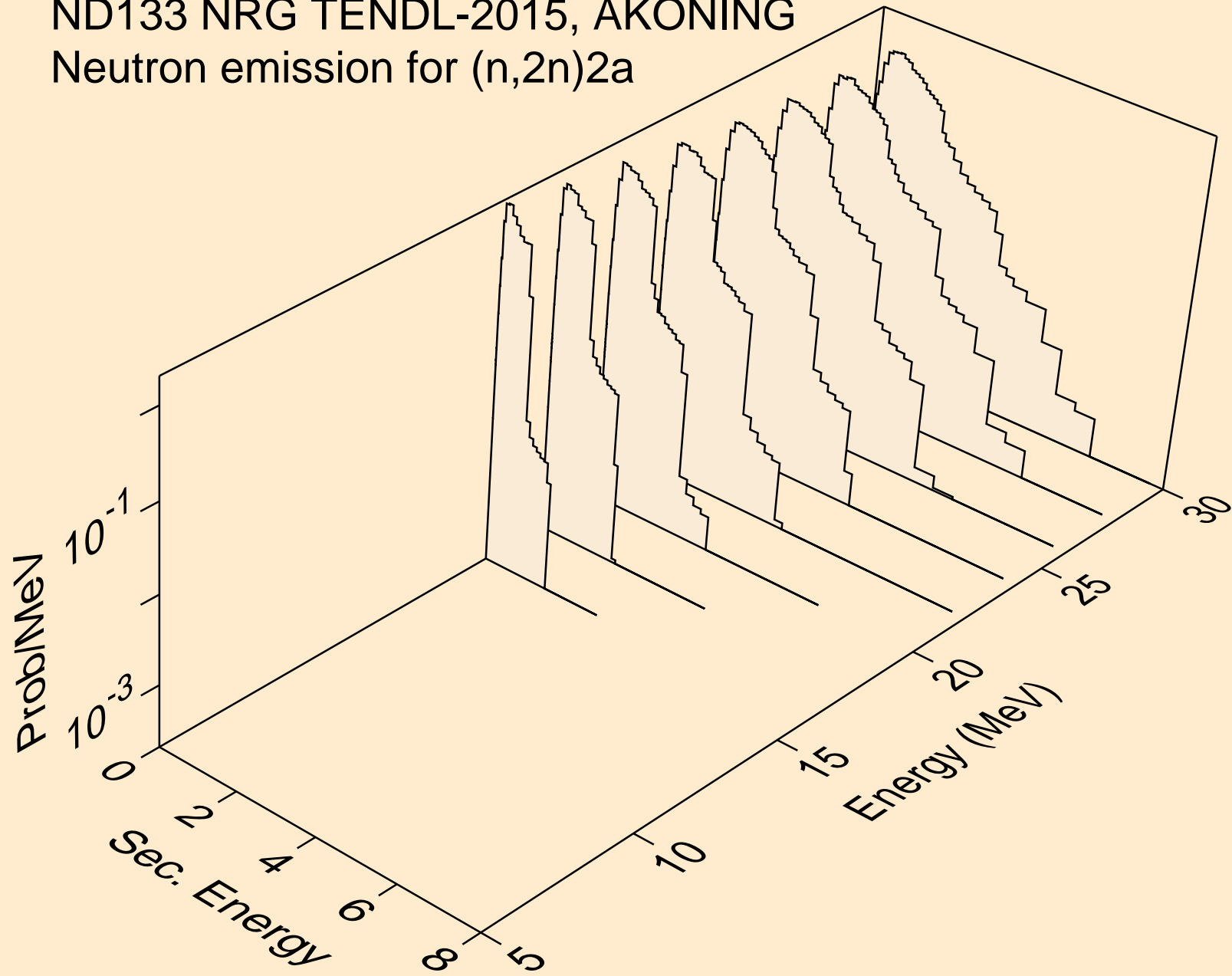
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



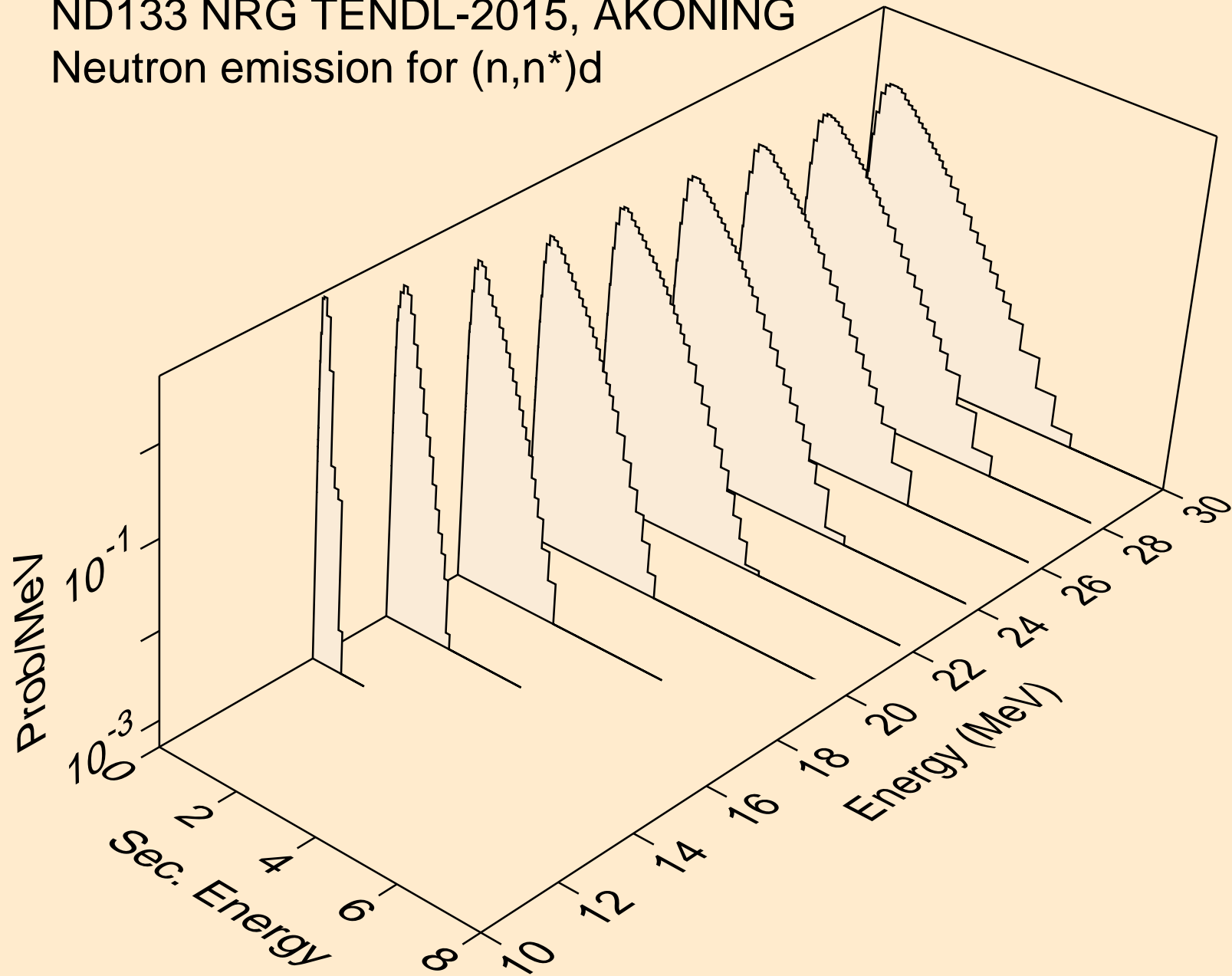
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



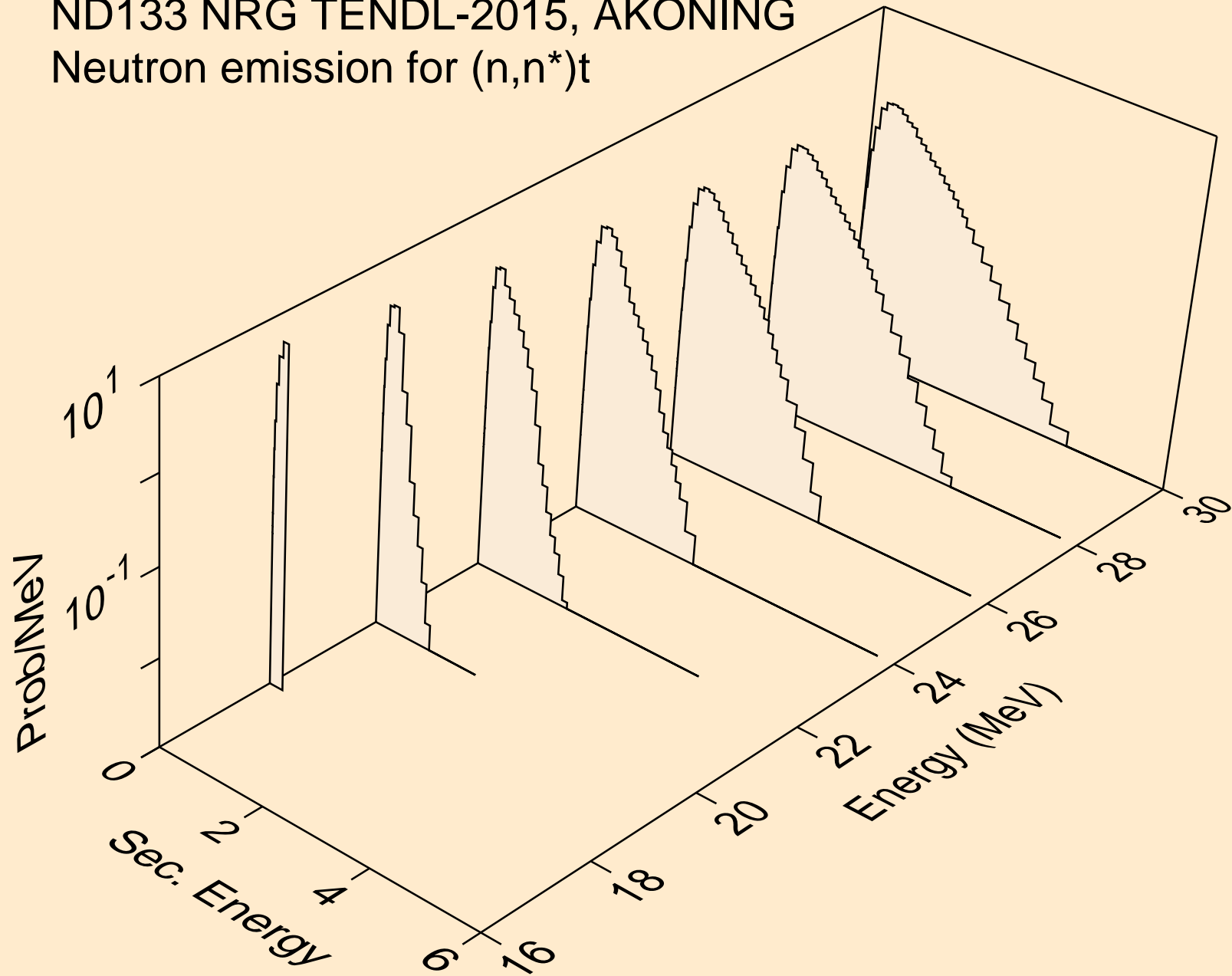
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



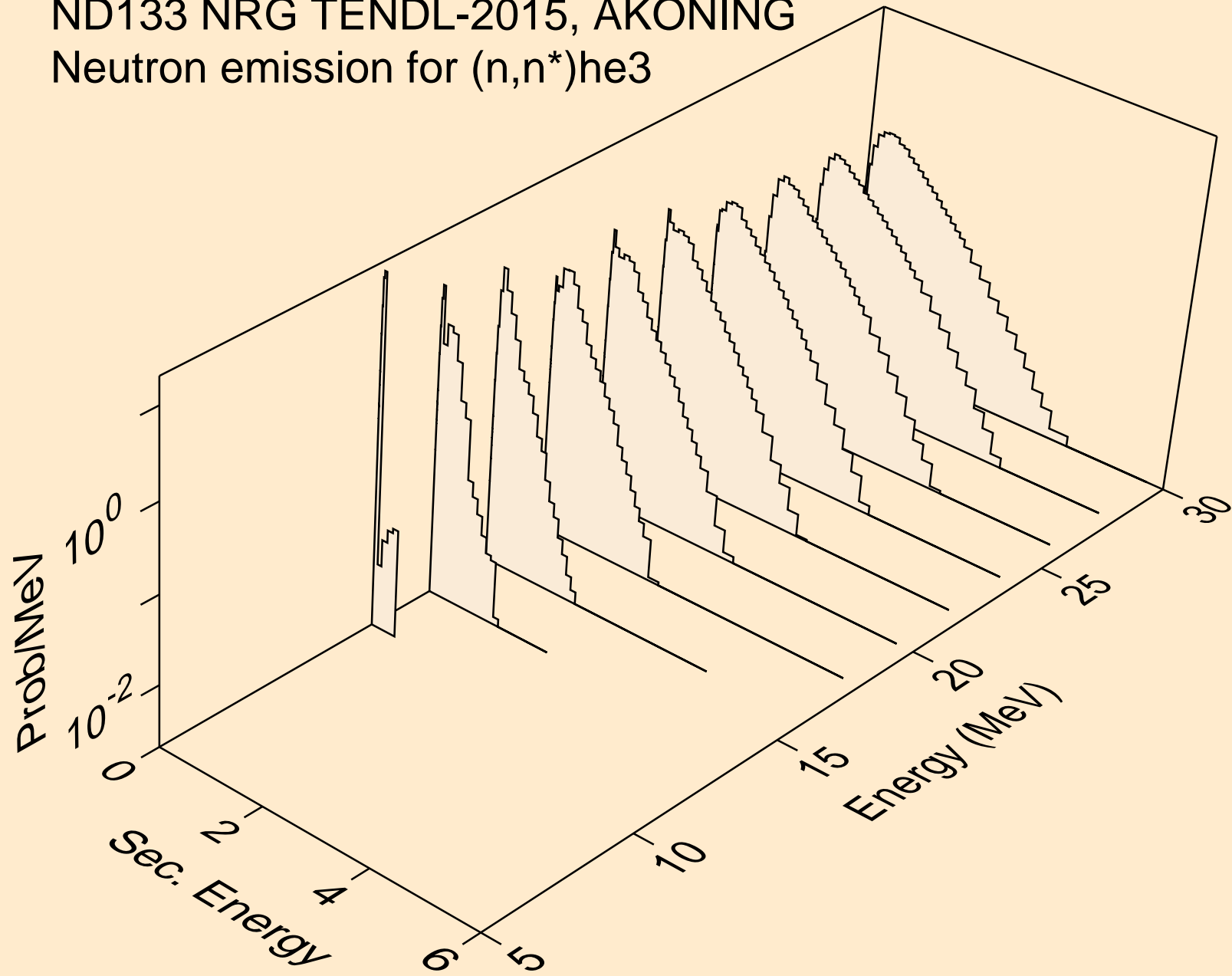
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



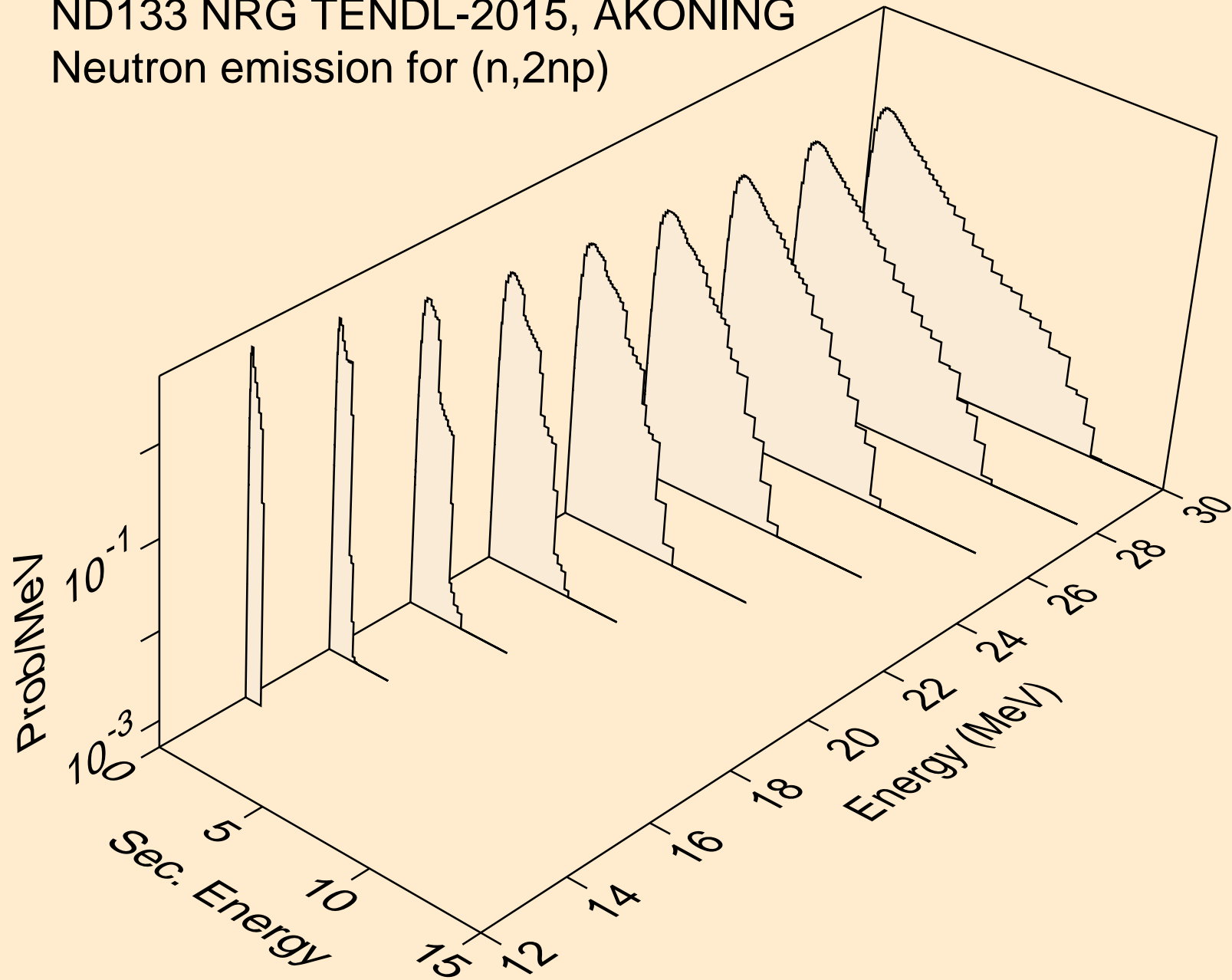
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

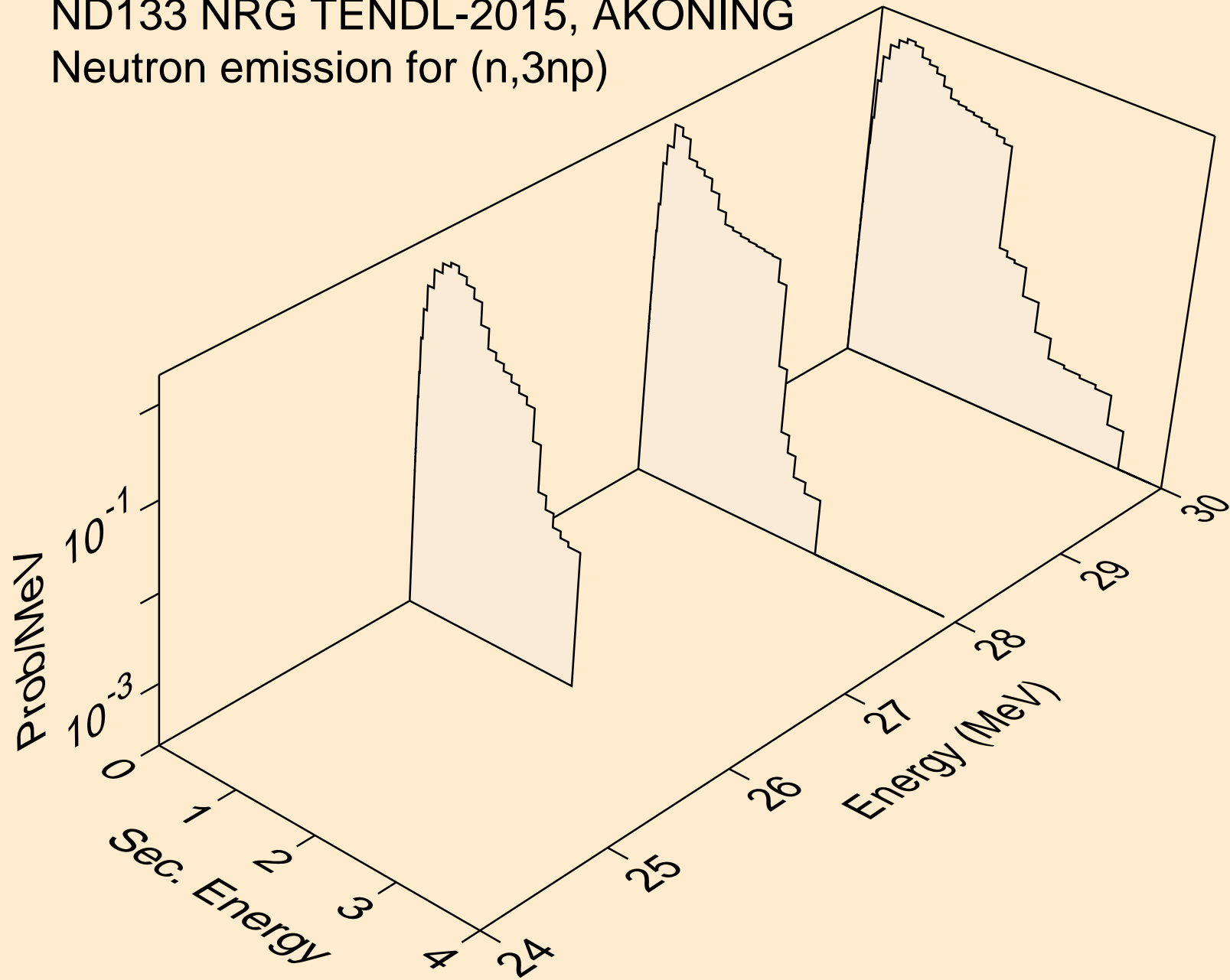


ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

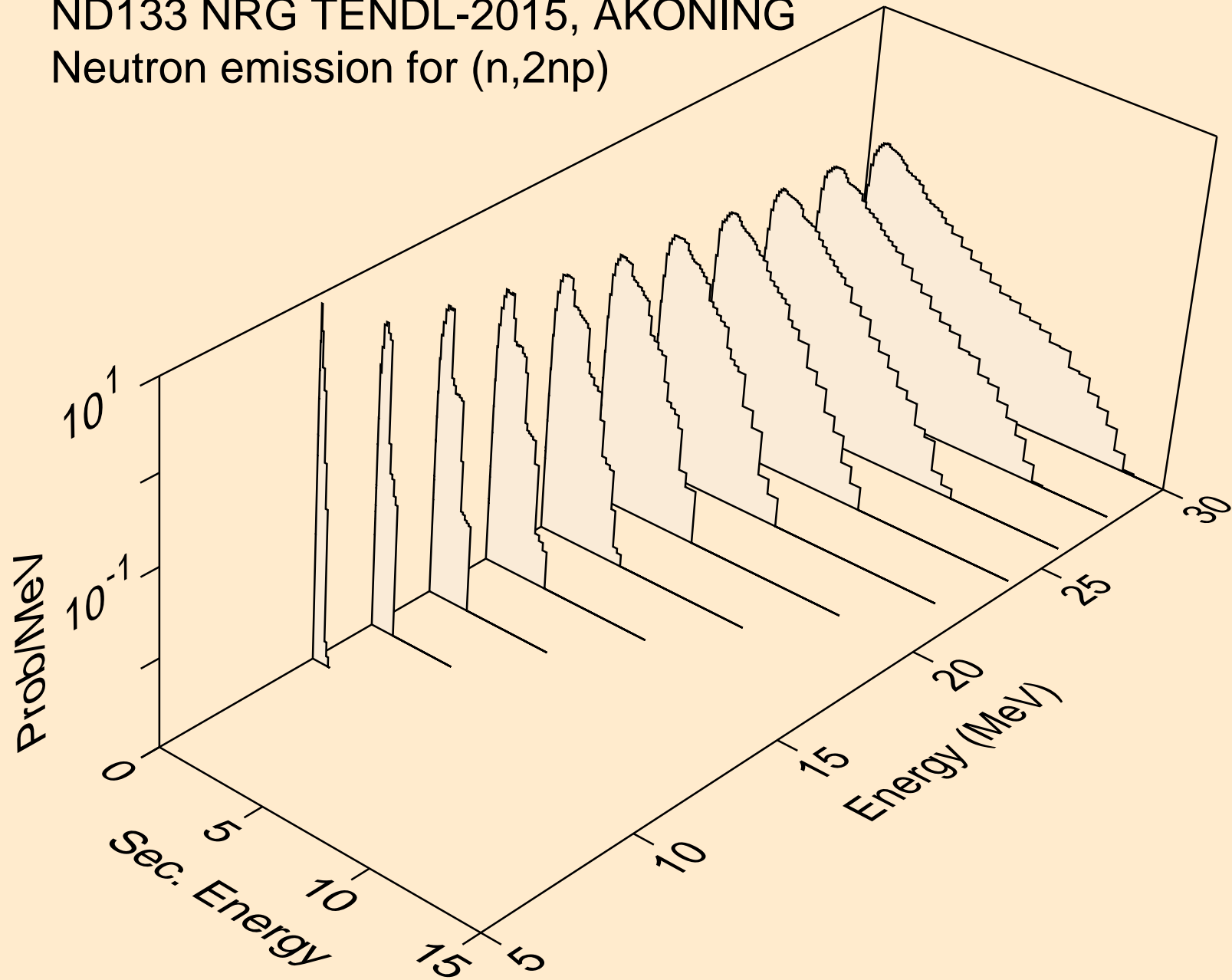




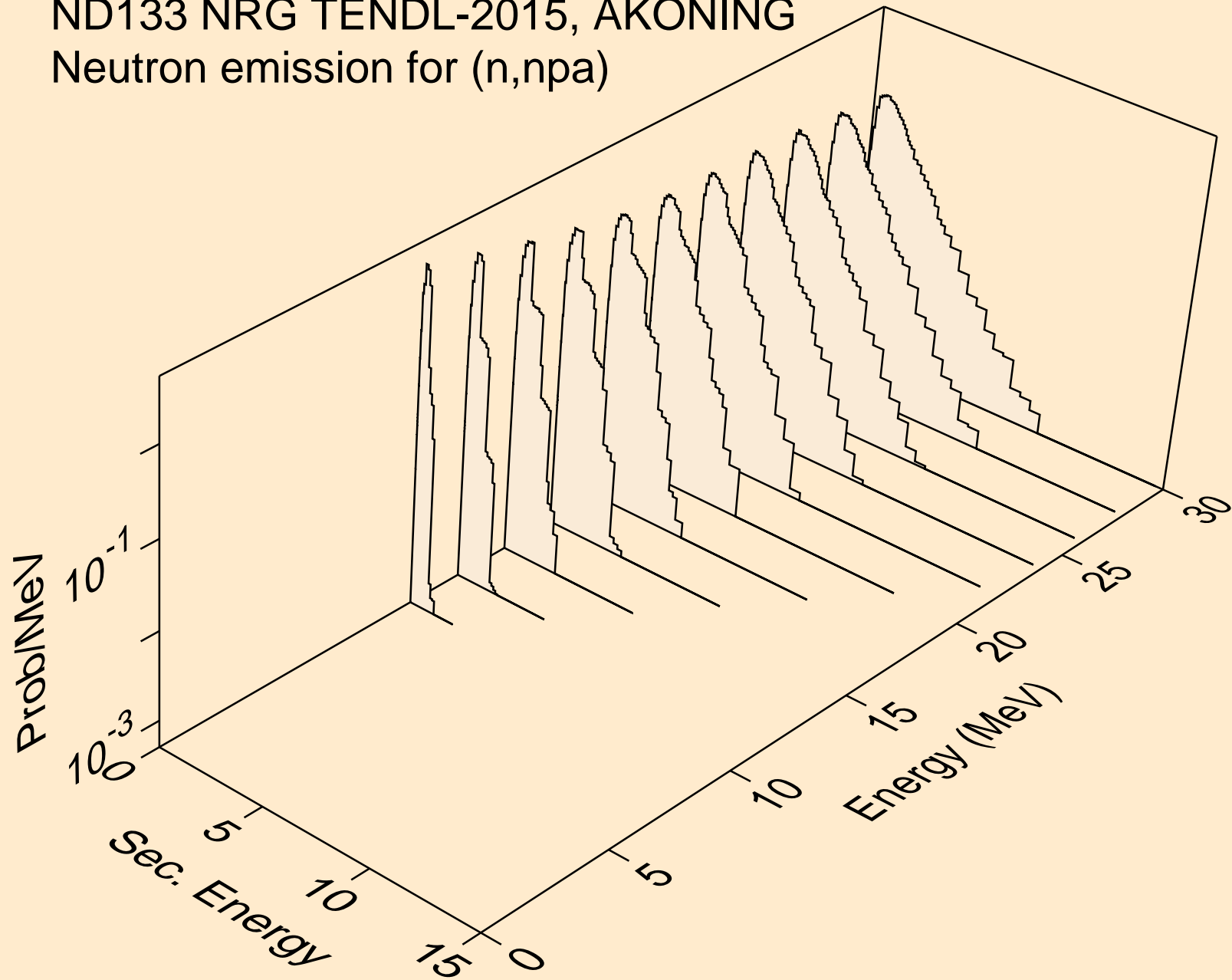
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



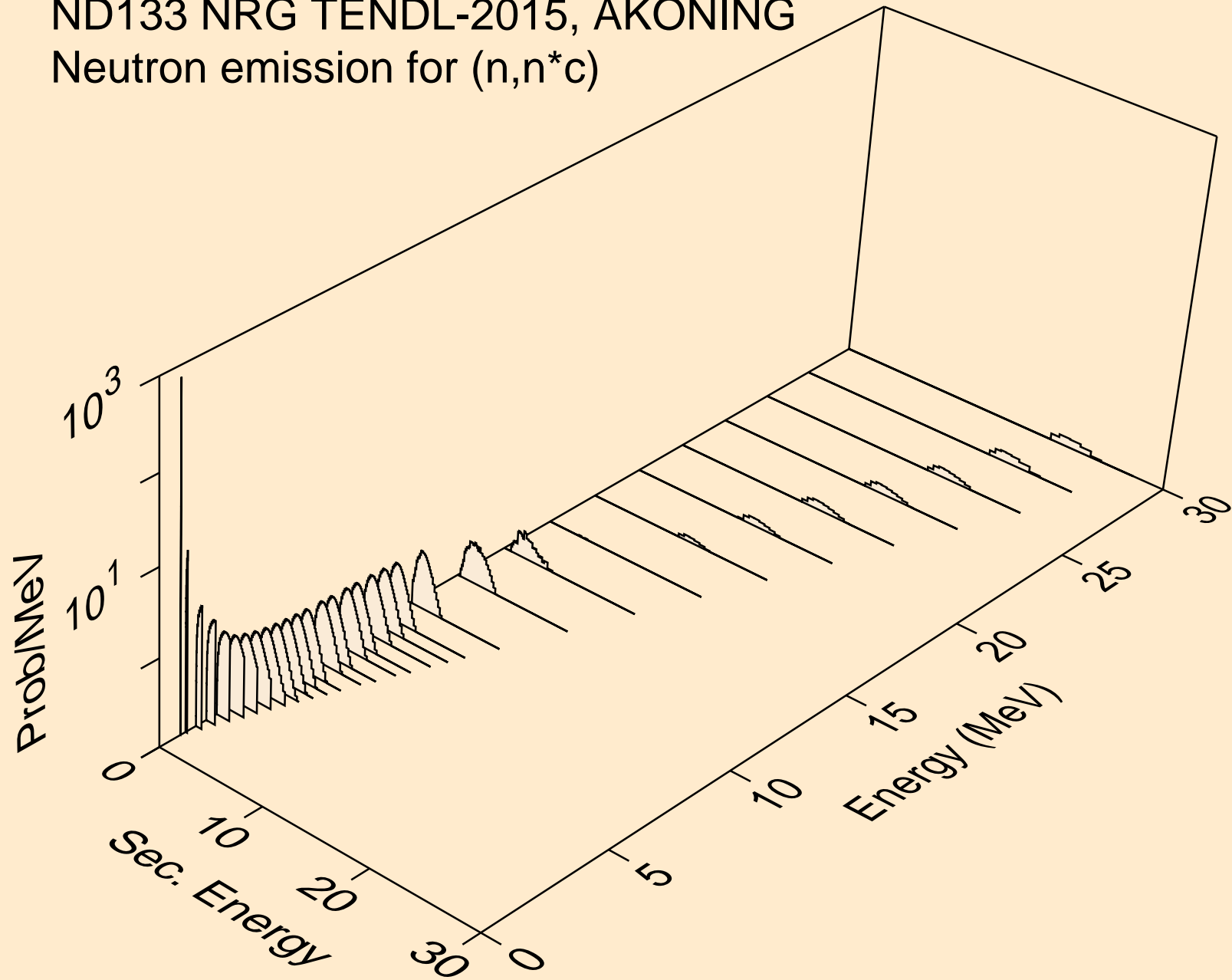
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



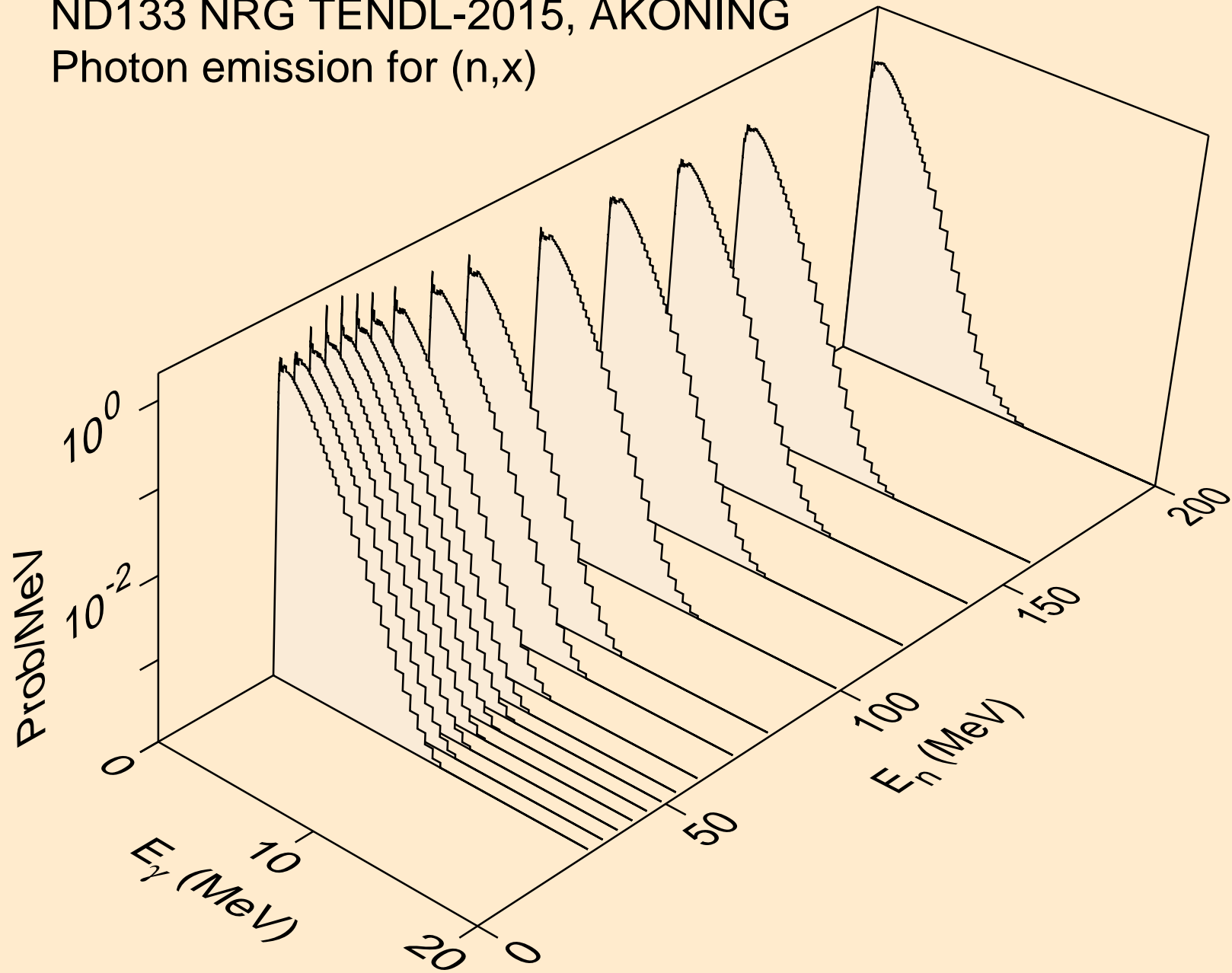
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



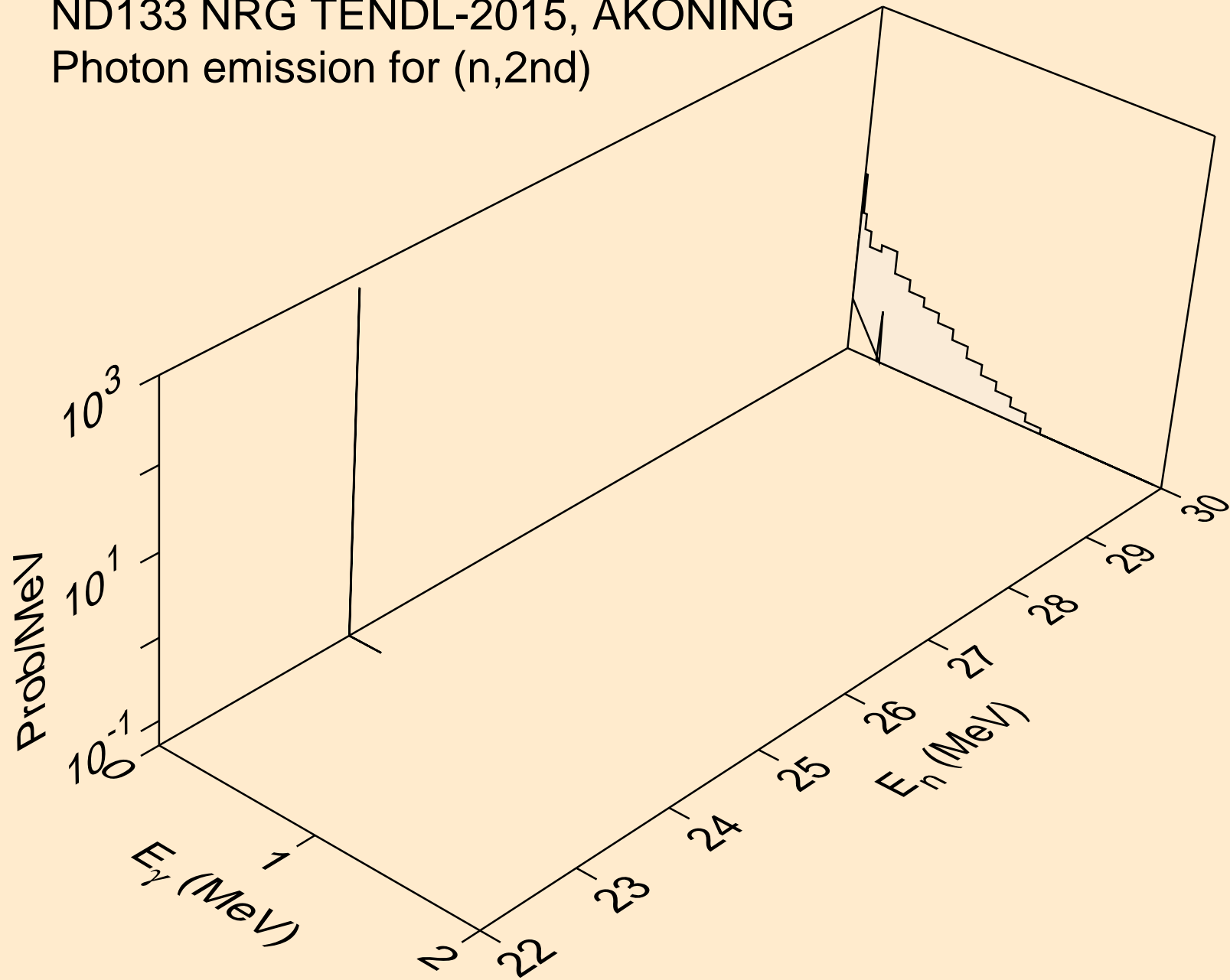
ND133 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



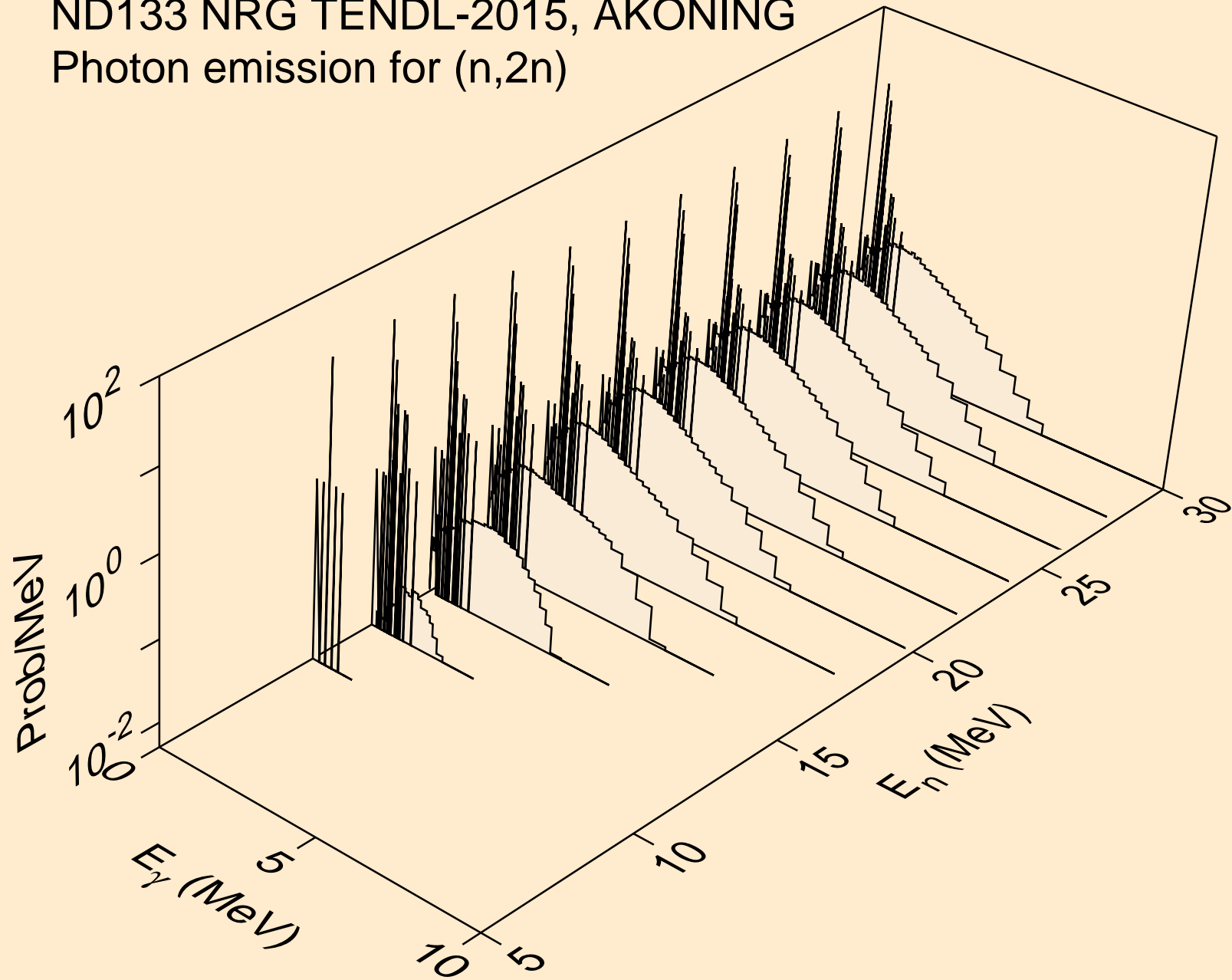
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



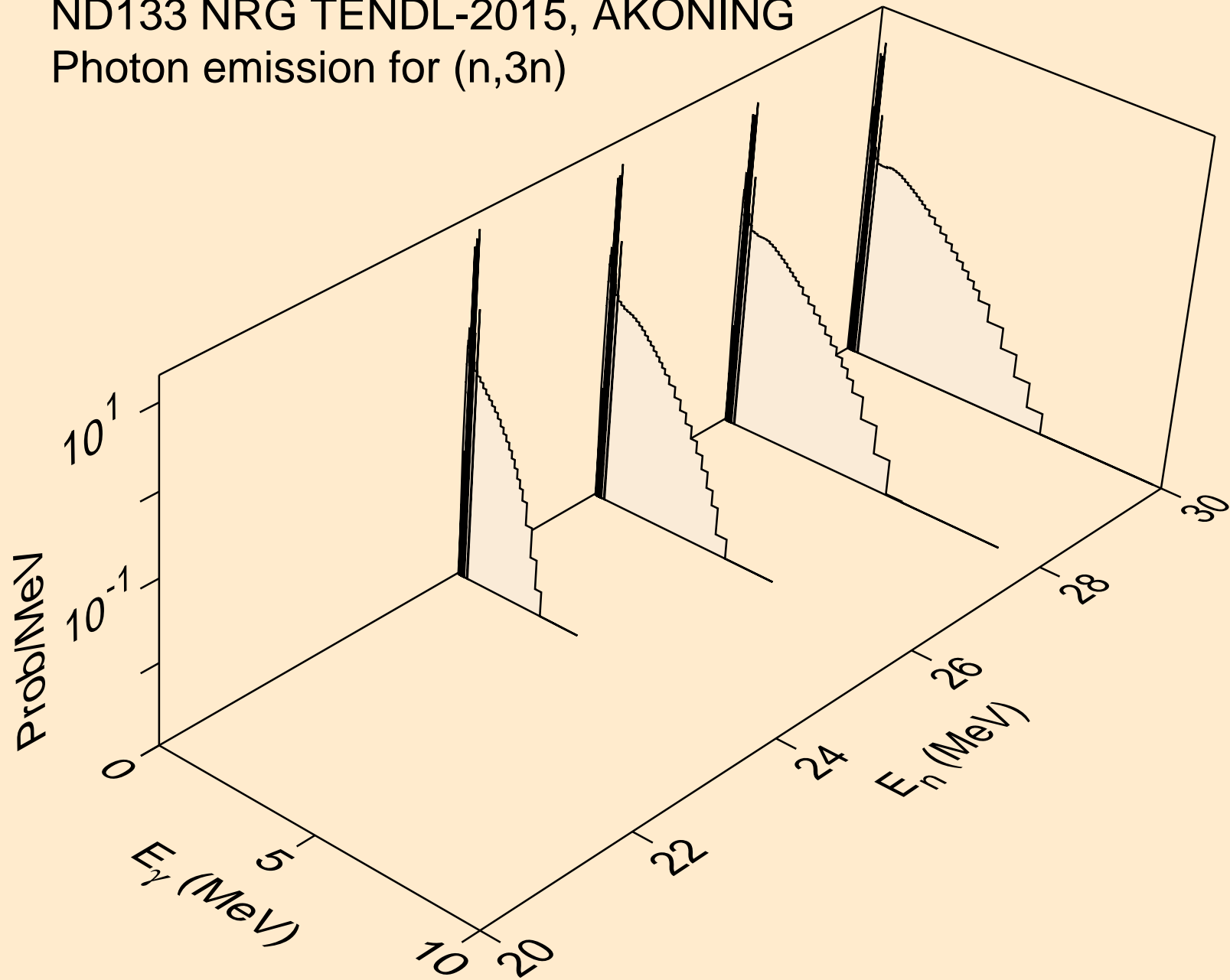
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

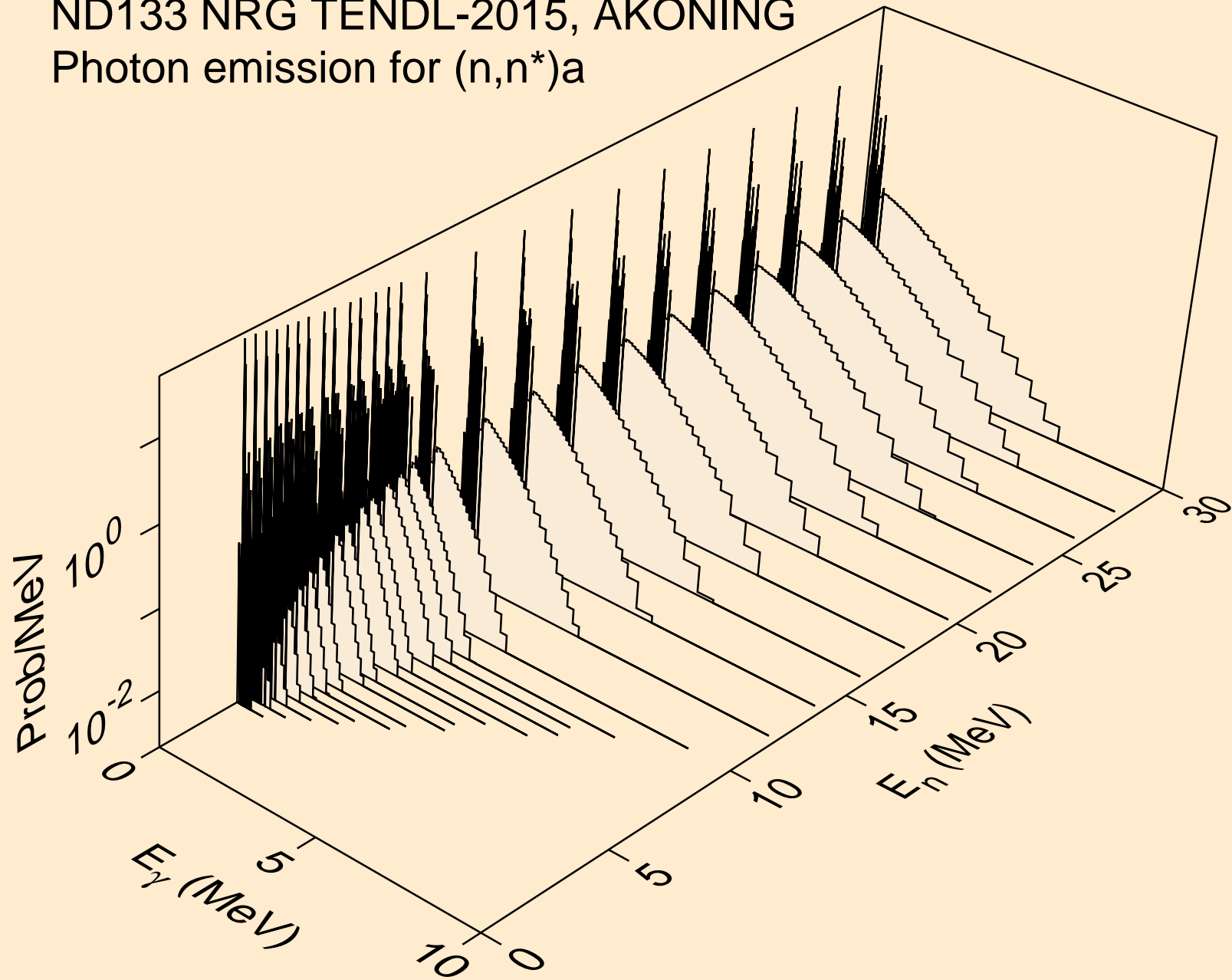


ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

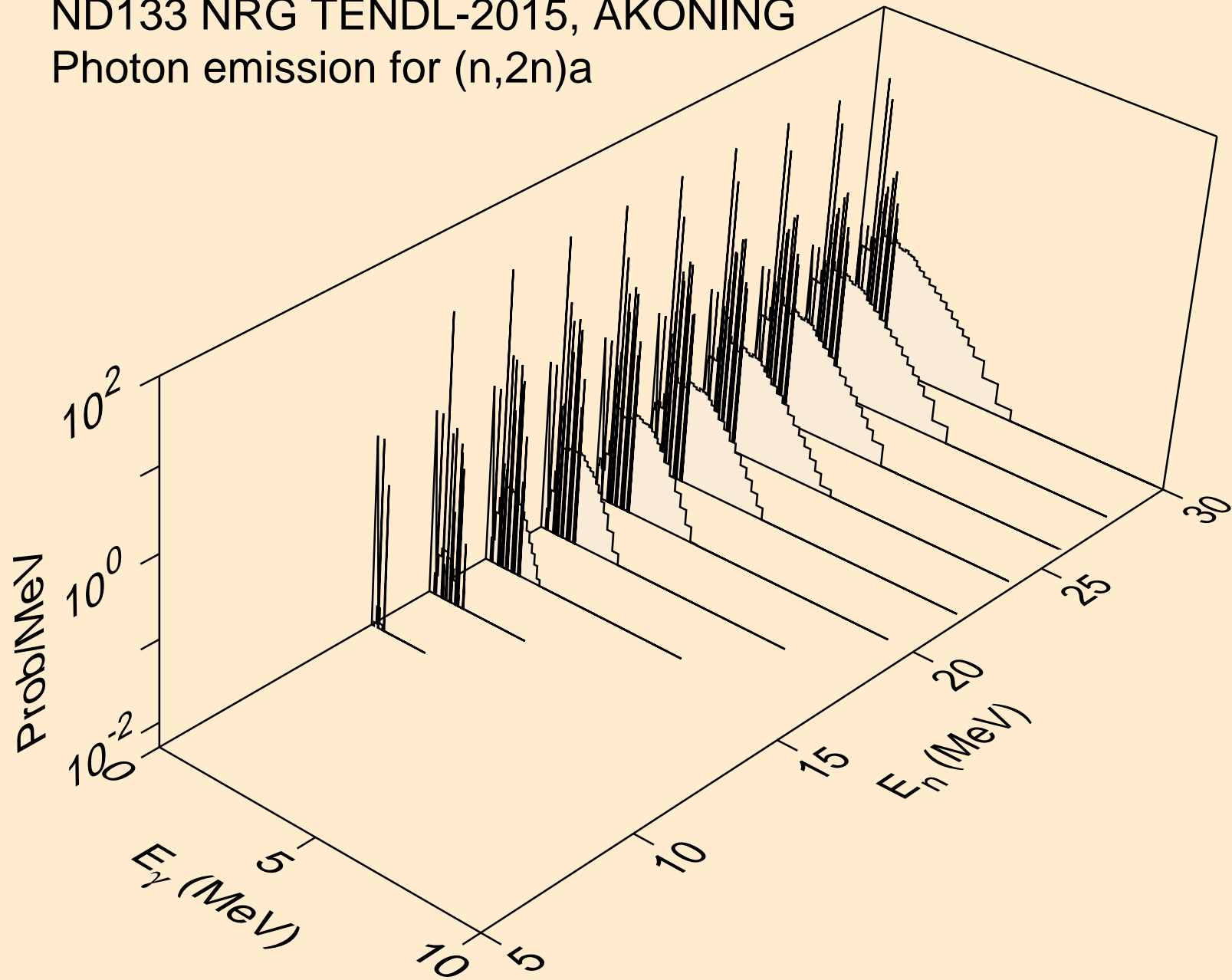




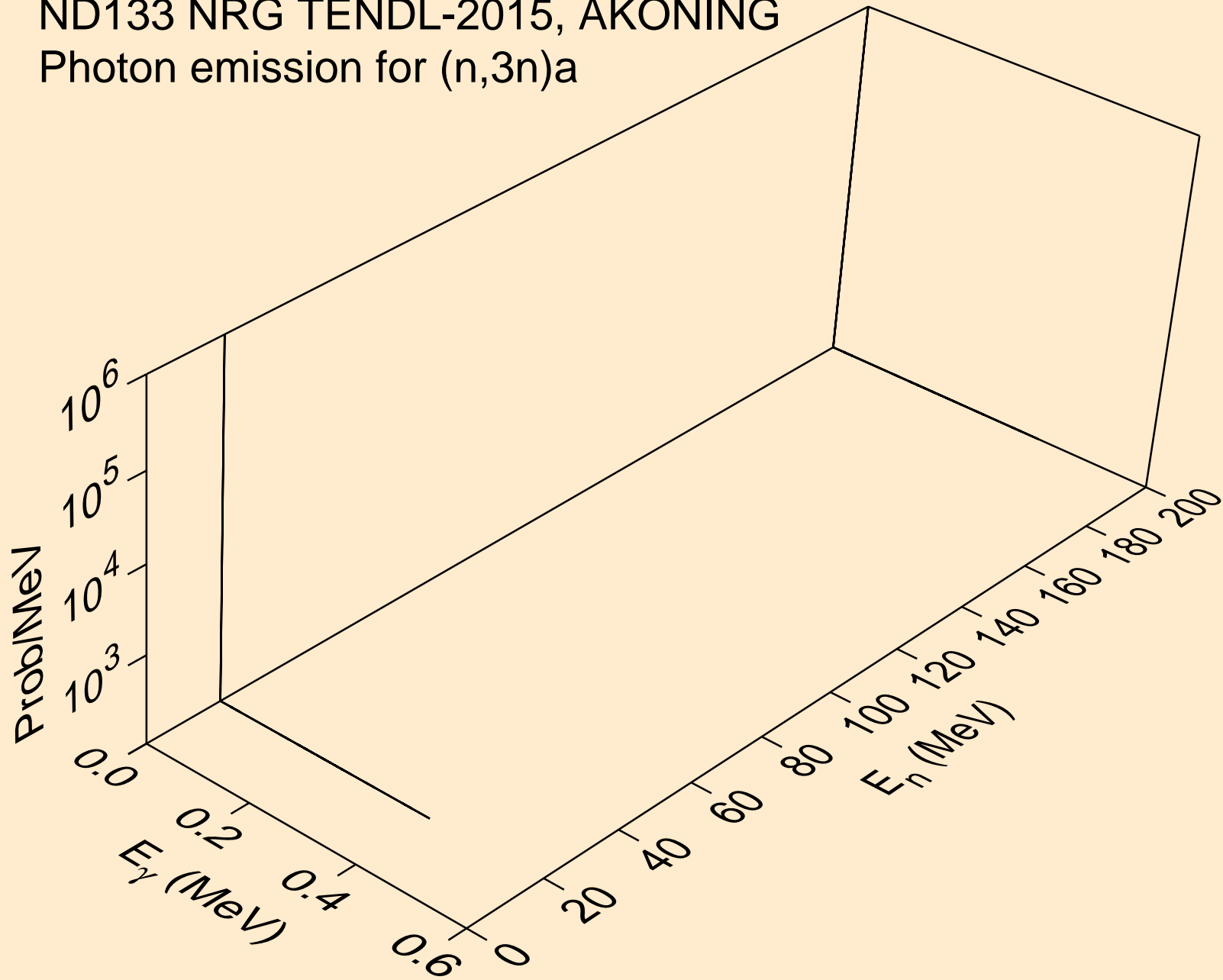
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



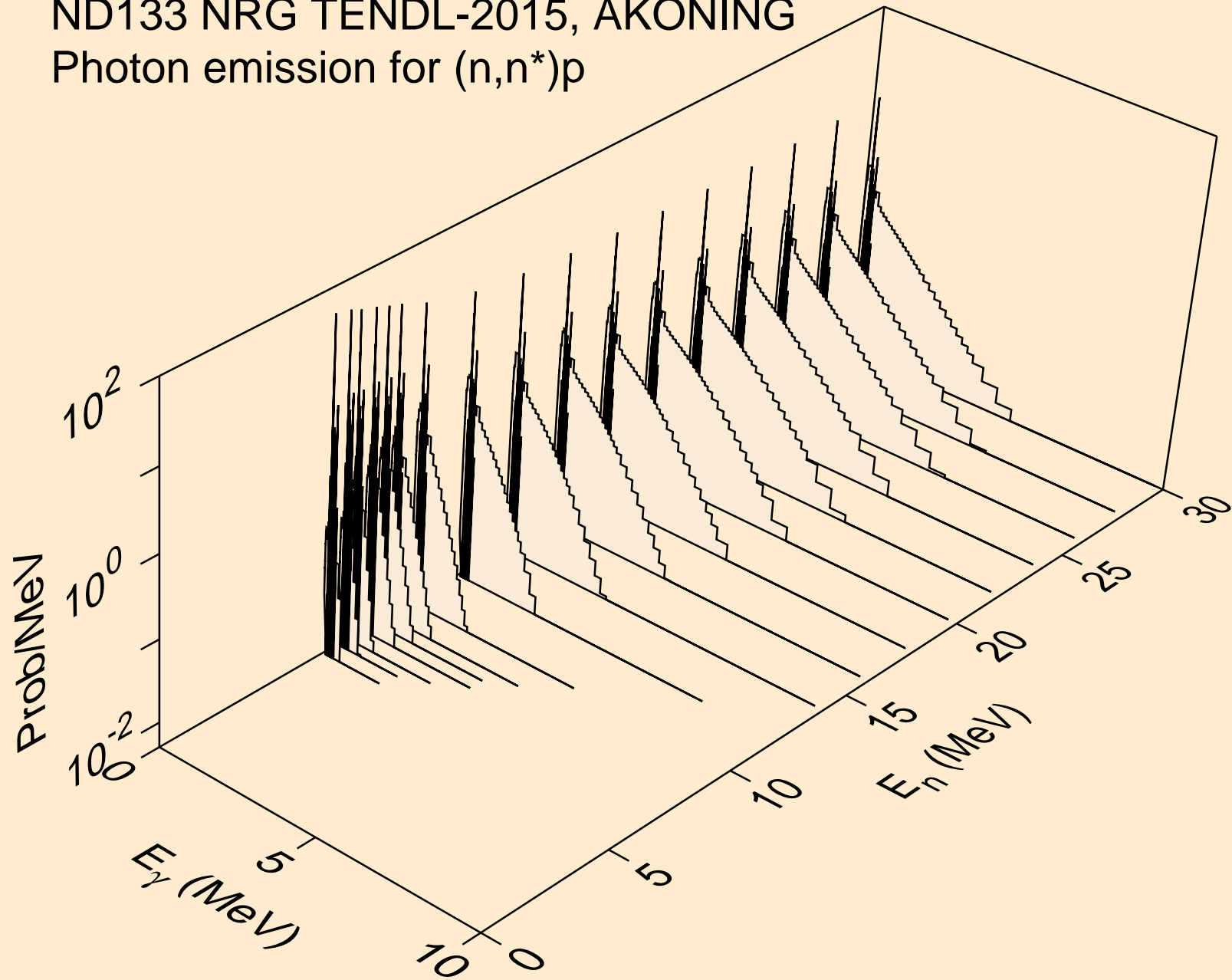
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



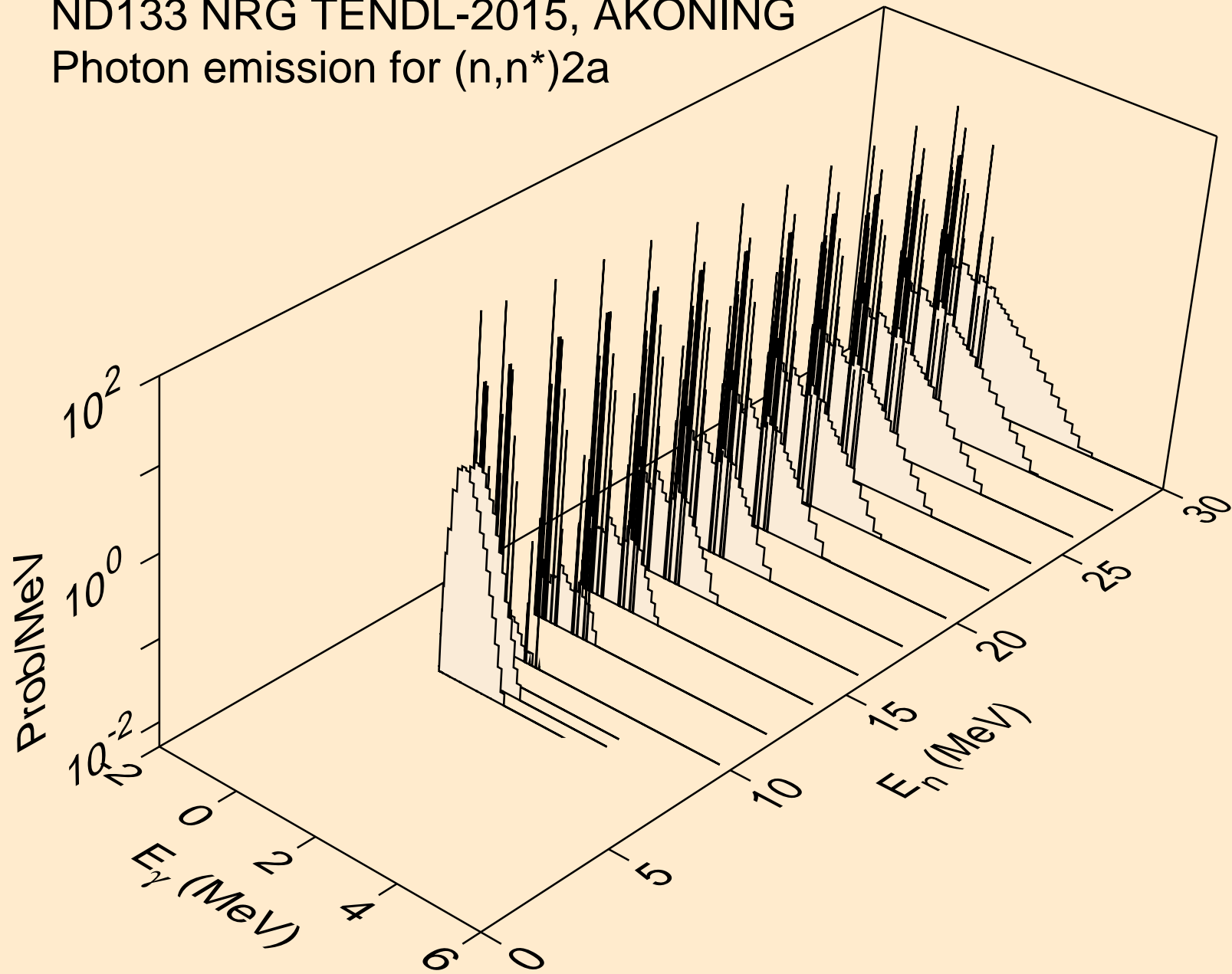
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



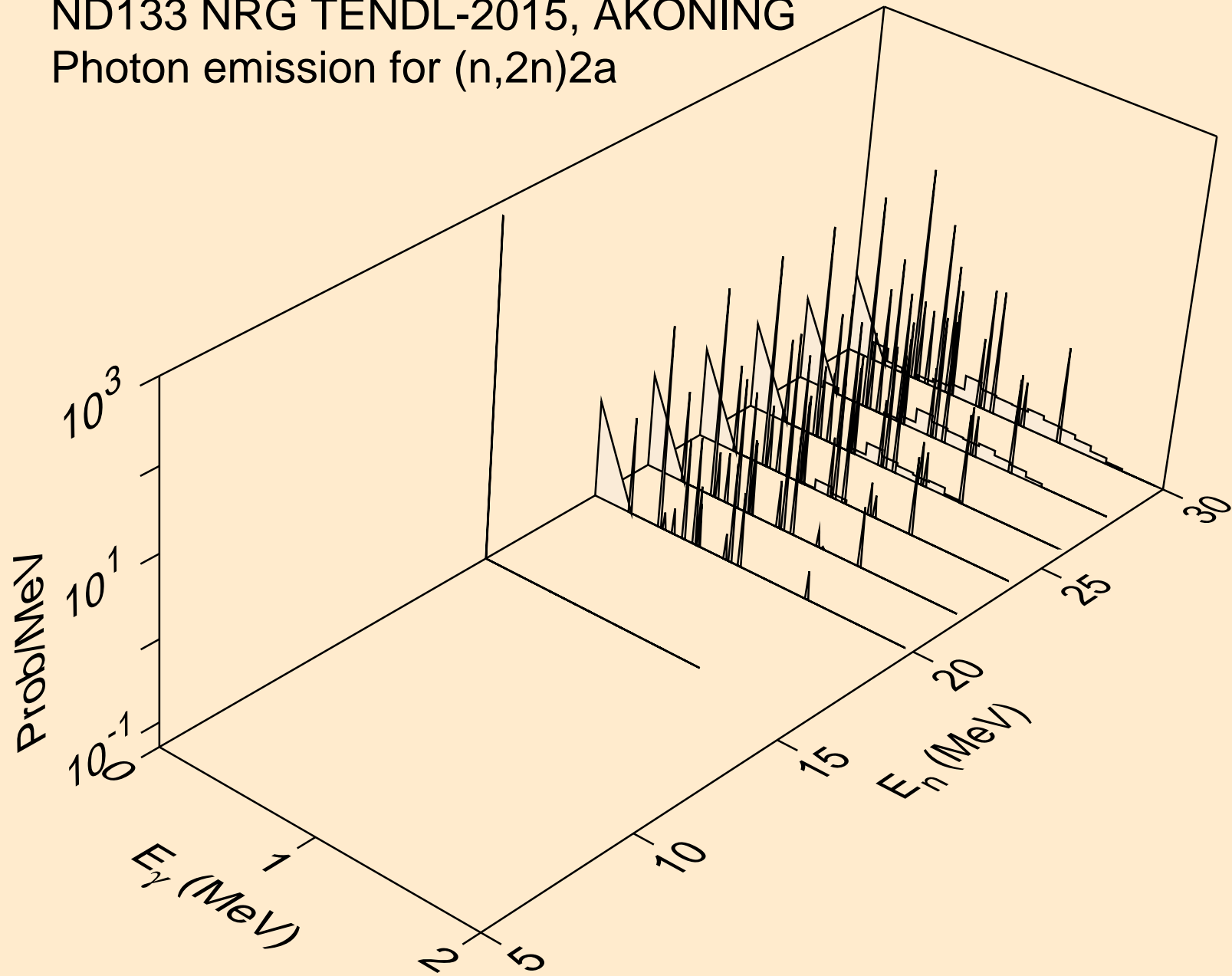
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



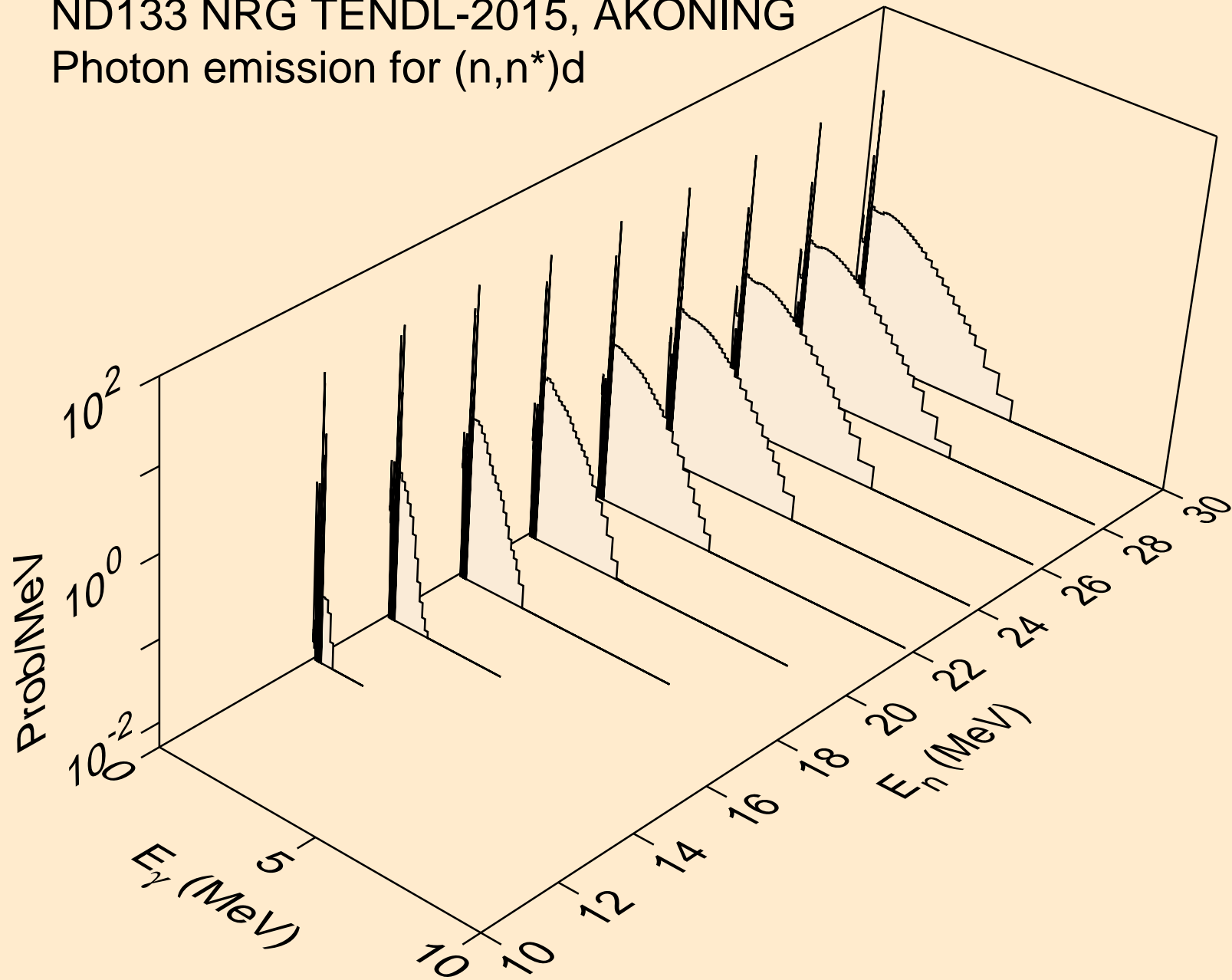
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



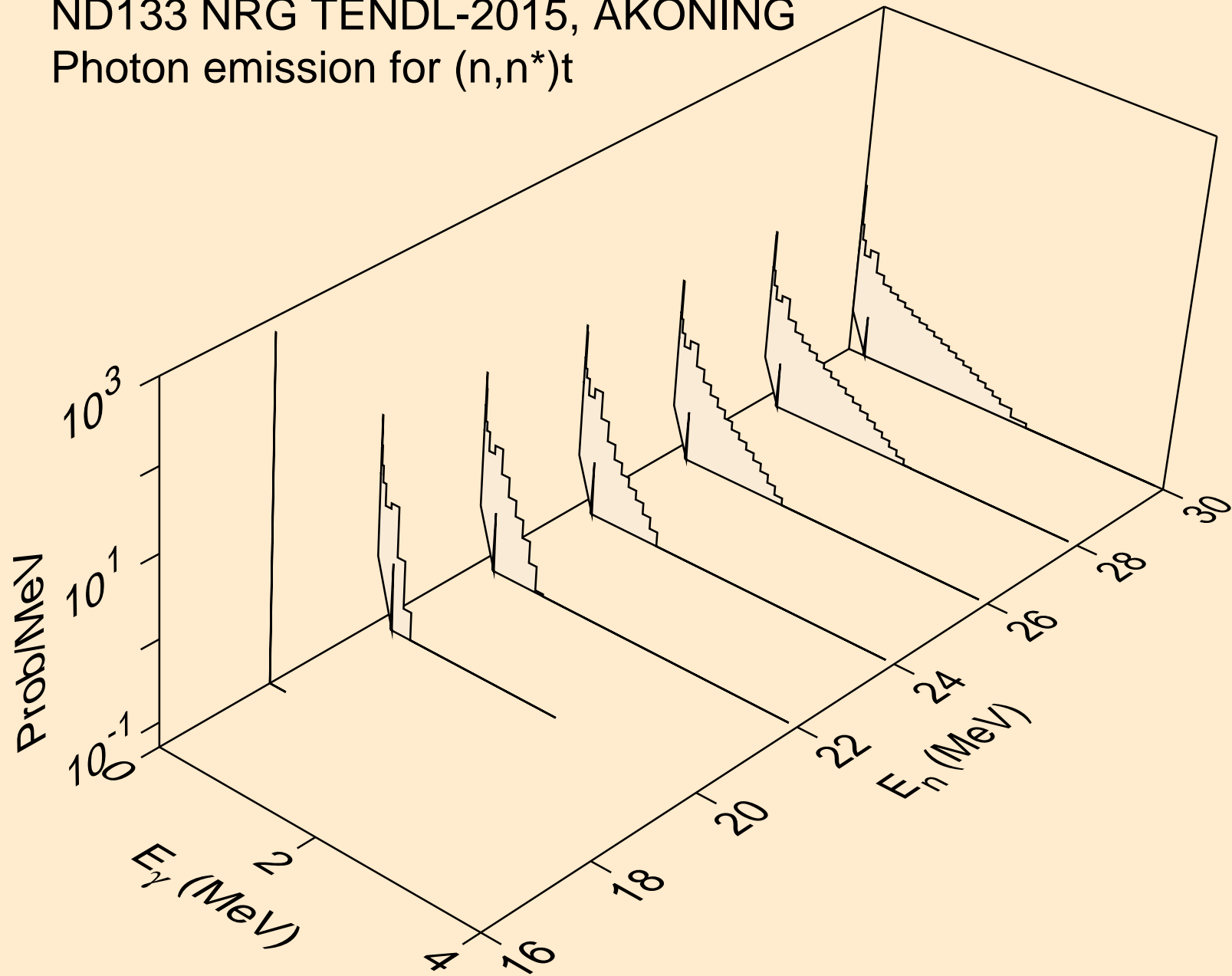
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

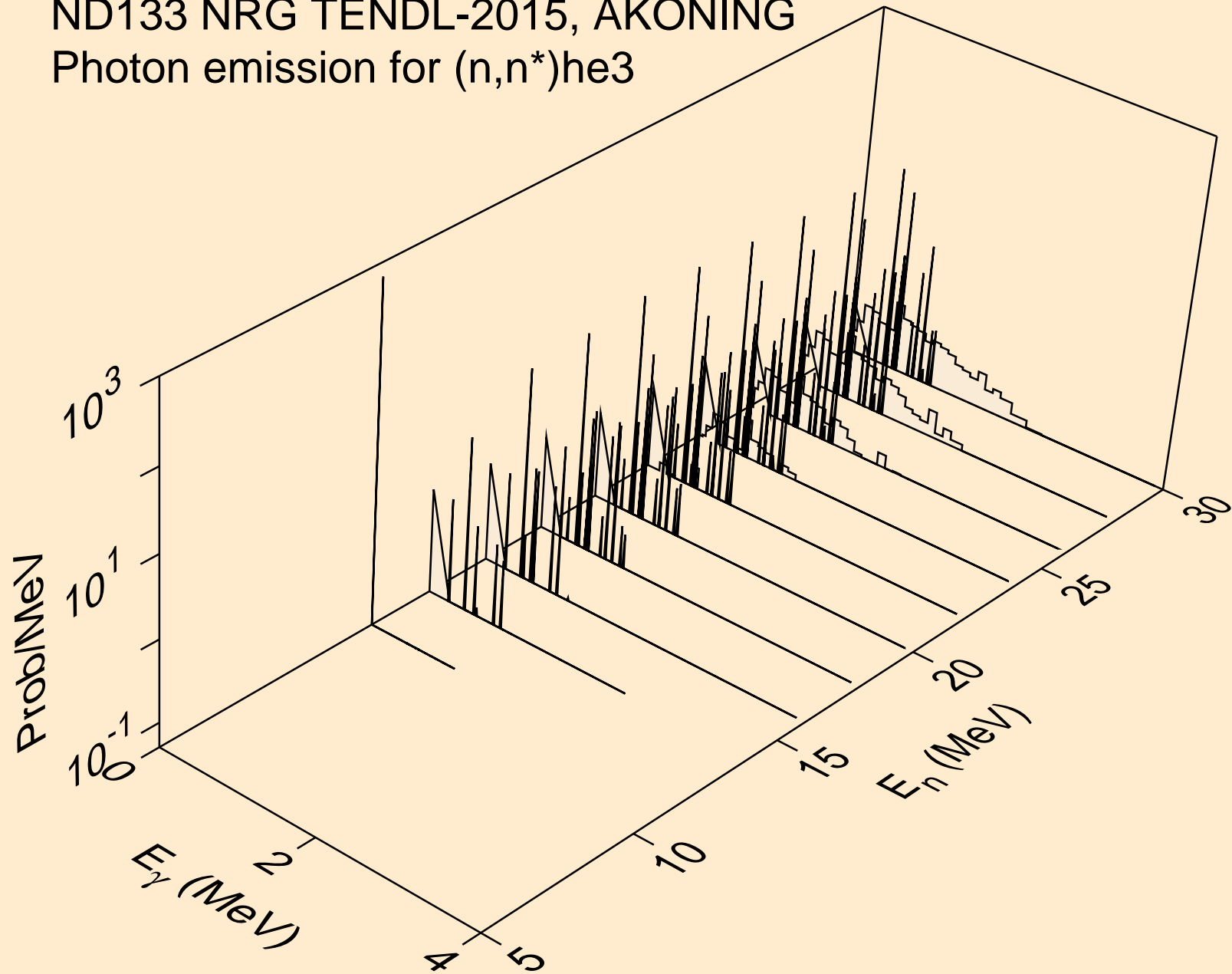


ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

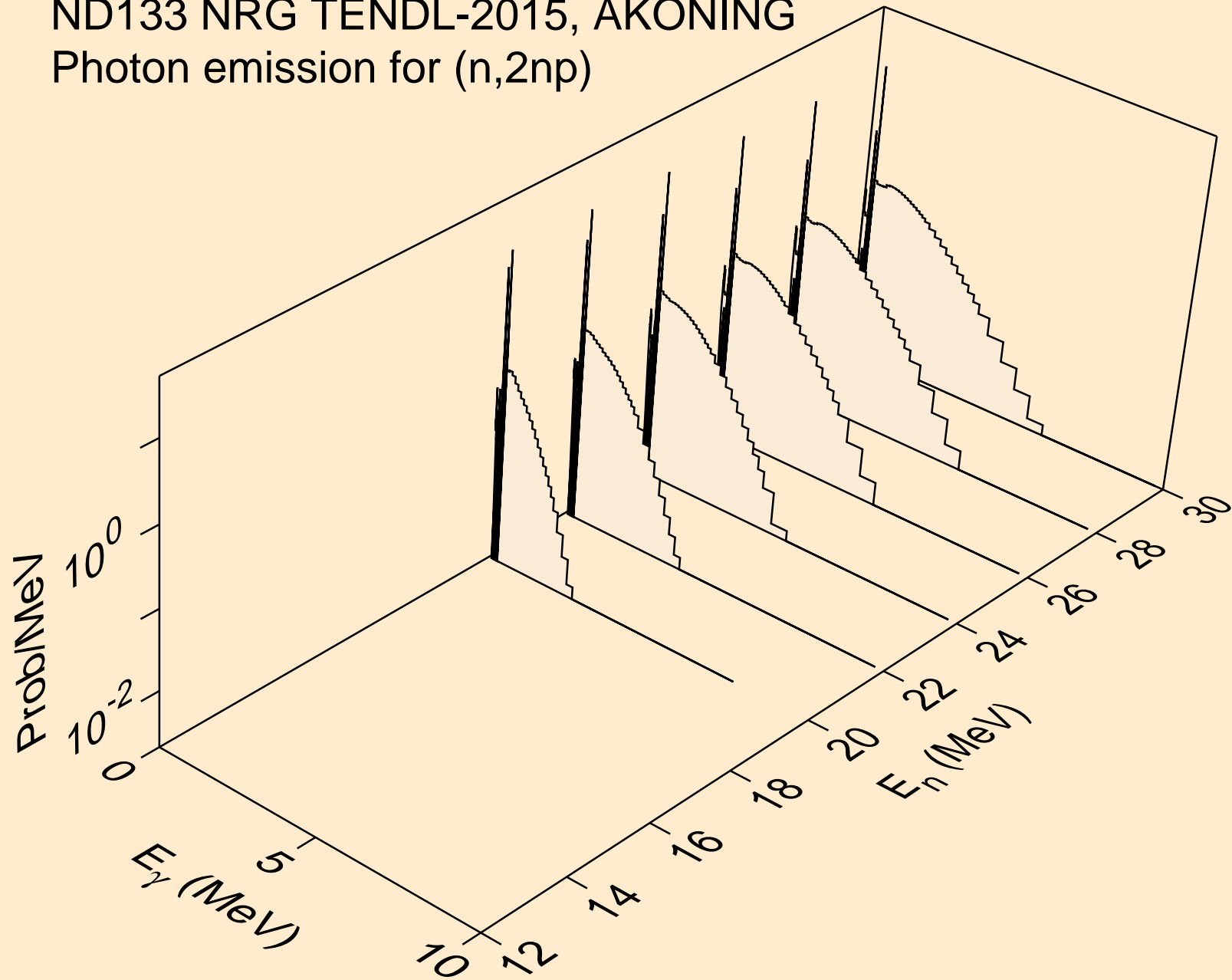




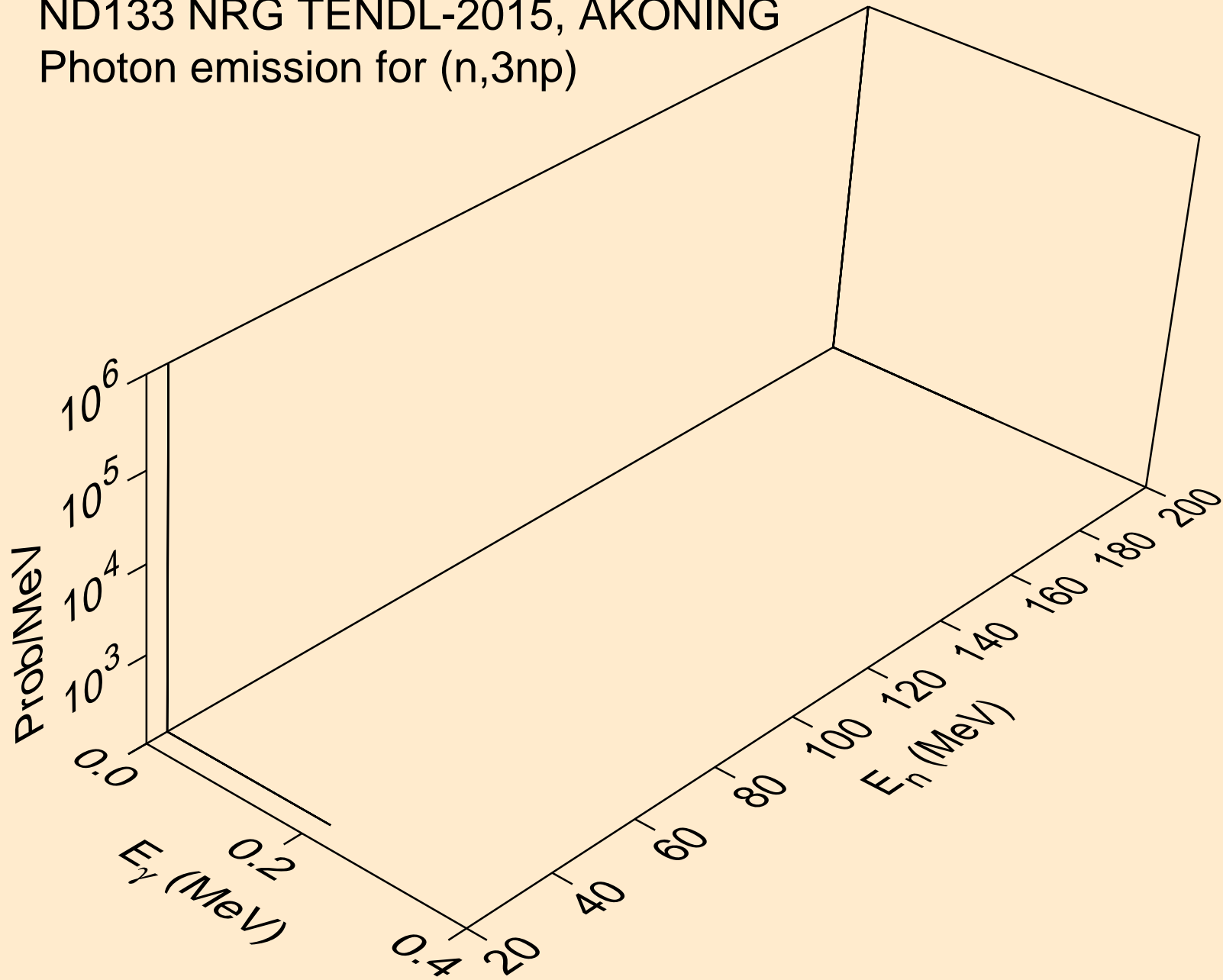
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



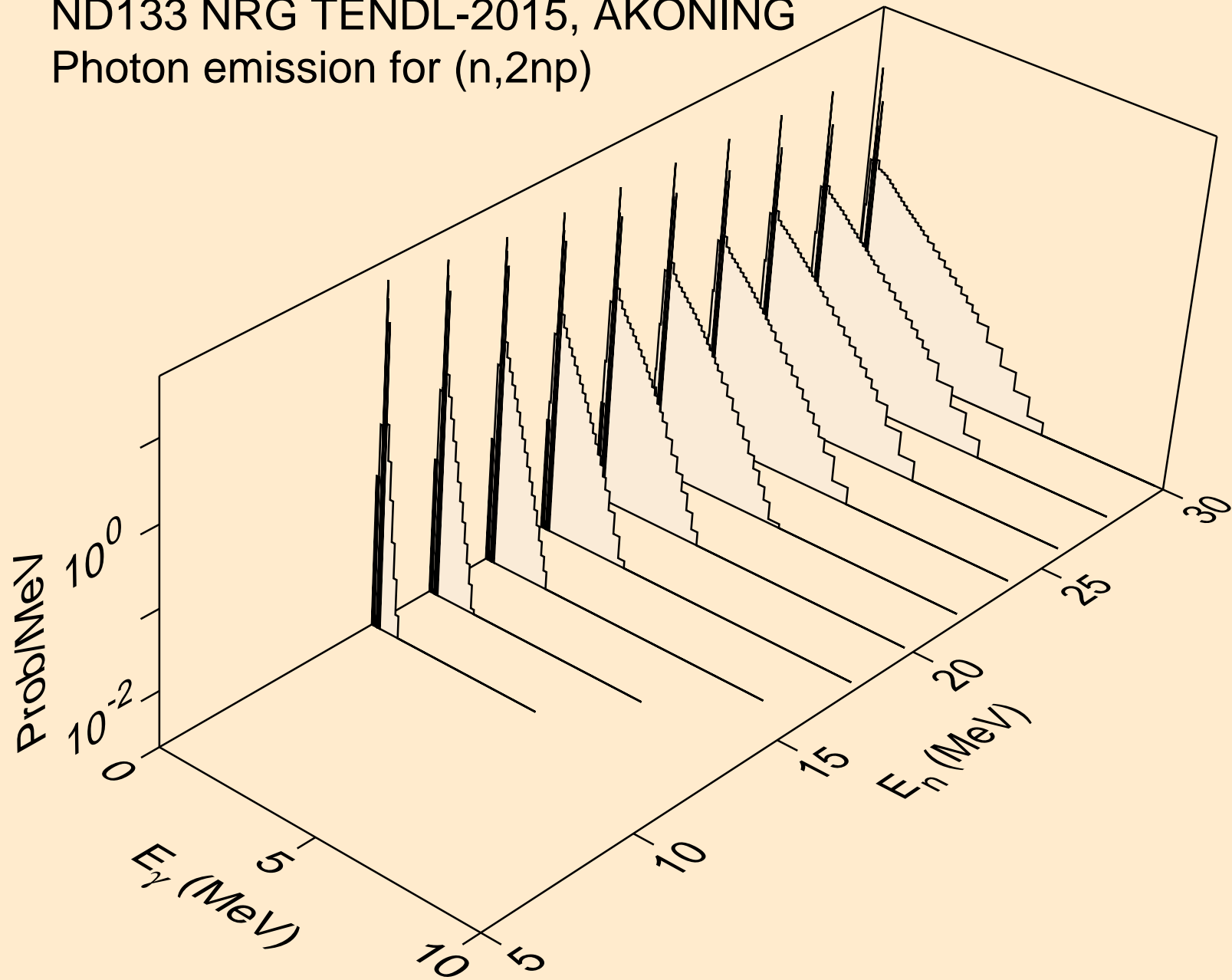
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



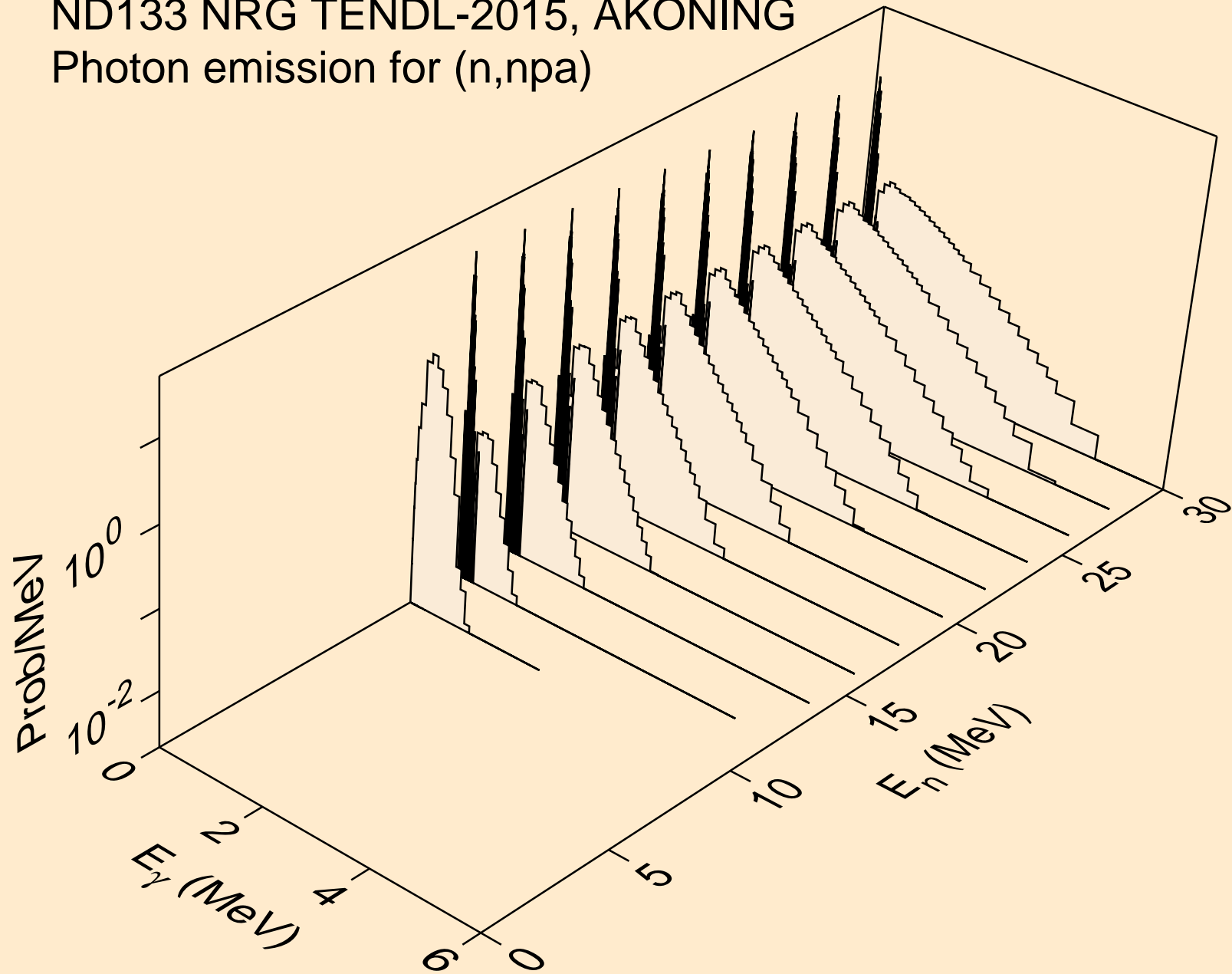
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



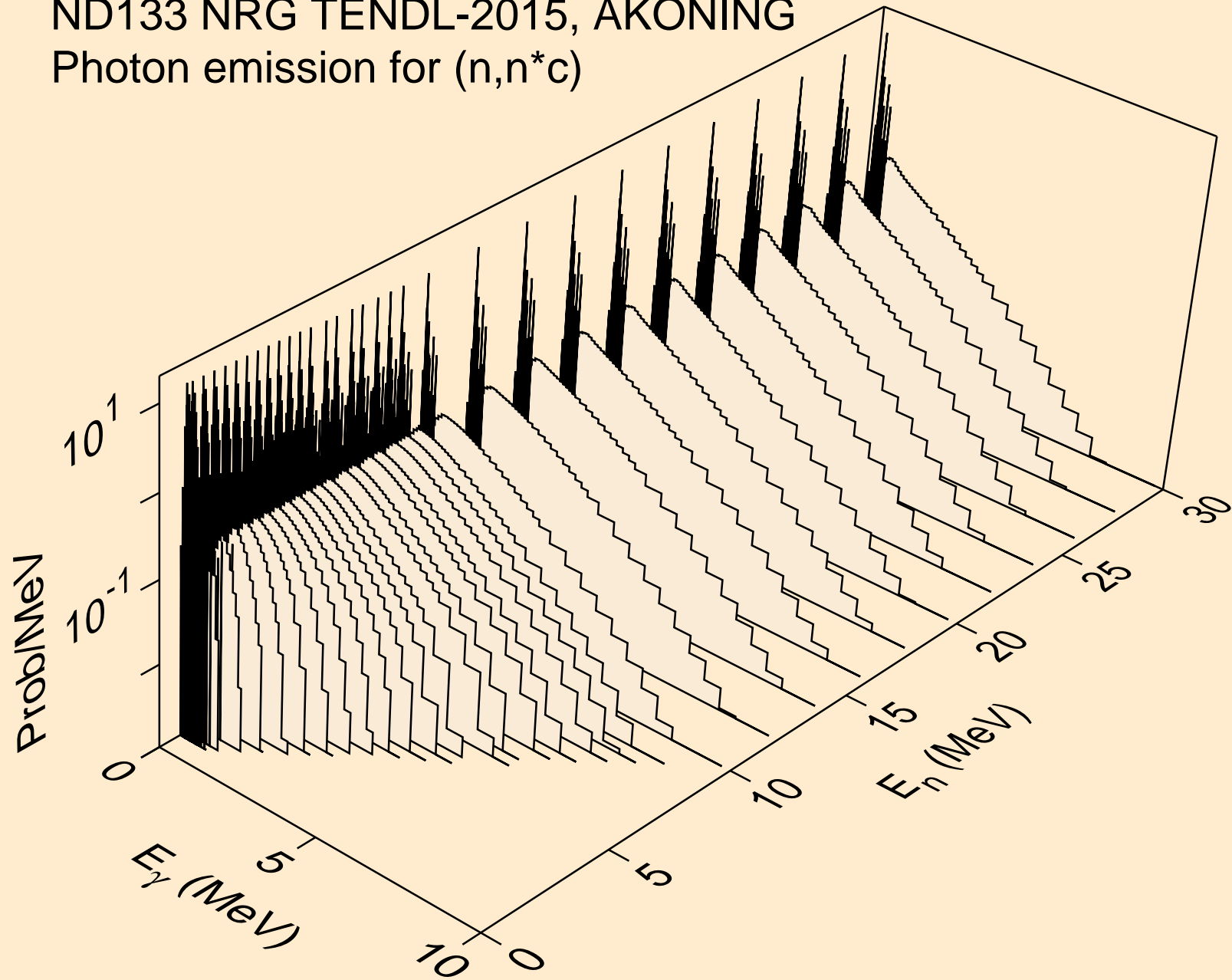
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



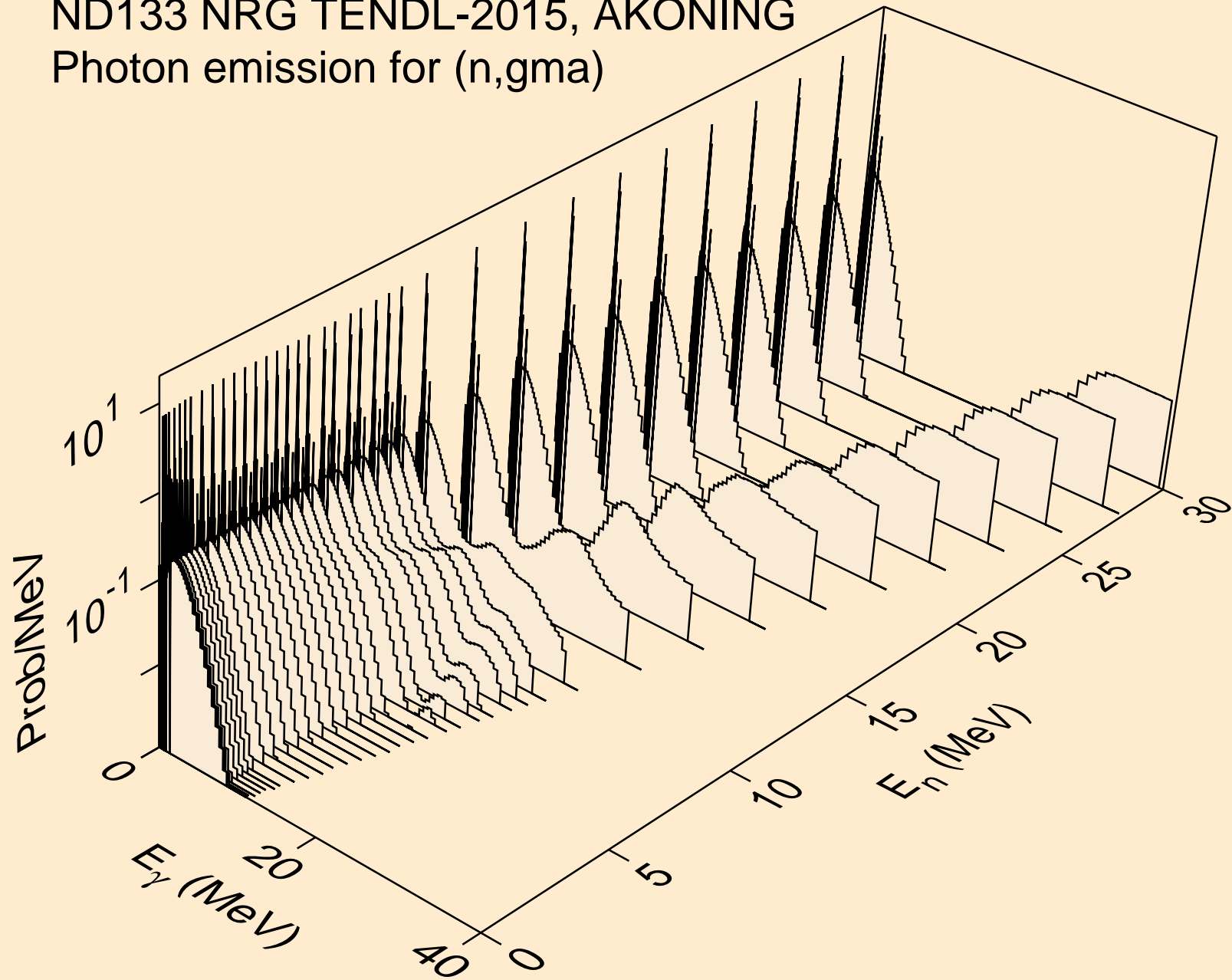
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



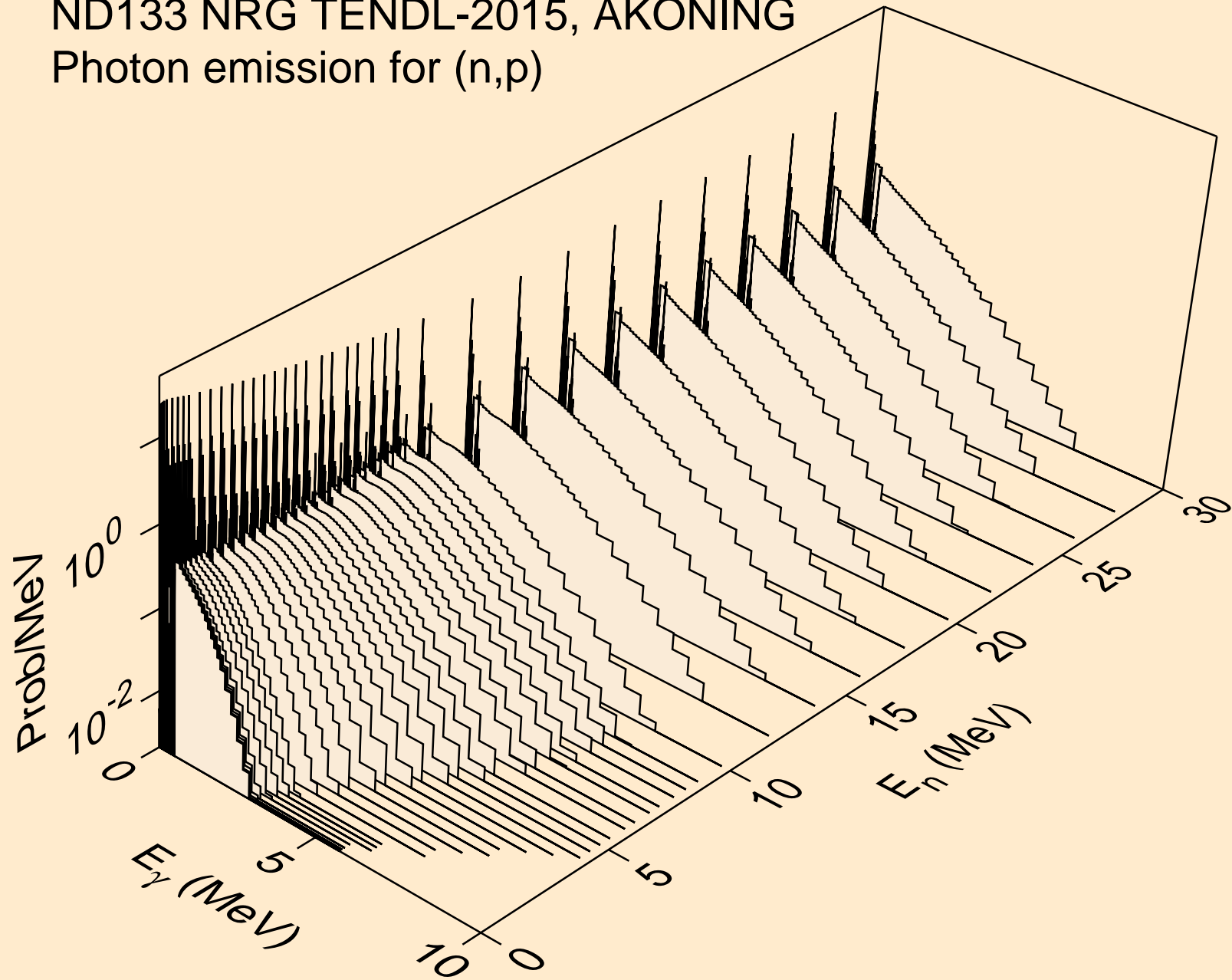
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

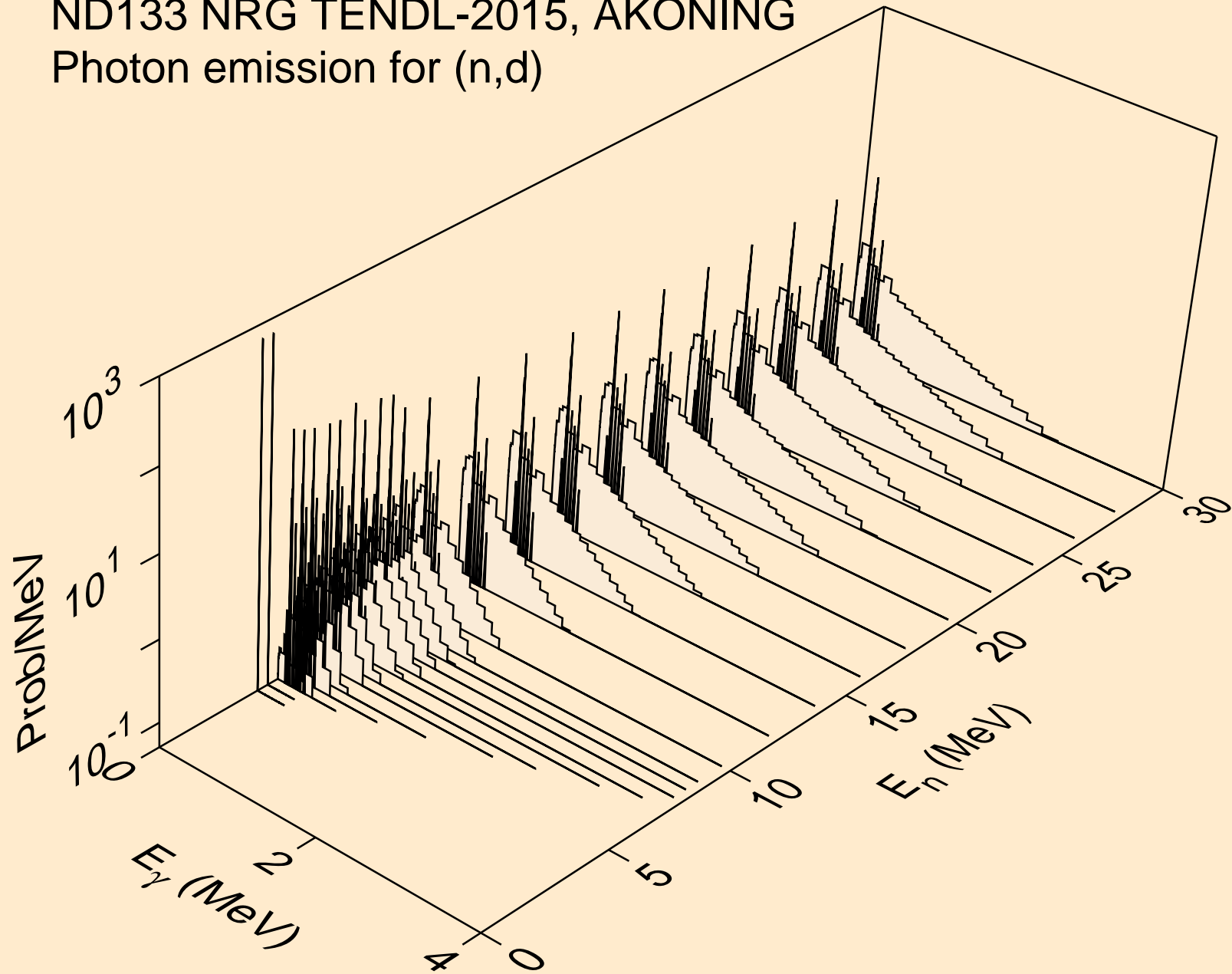


ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

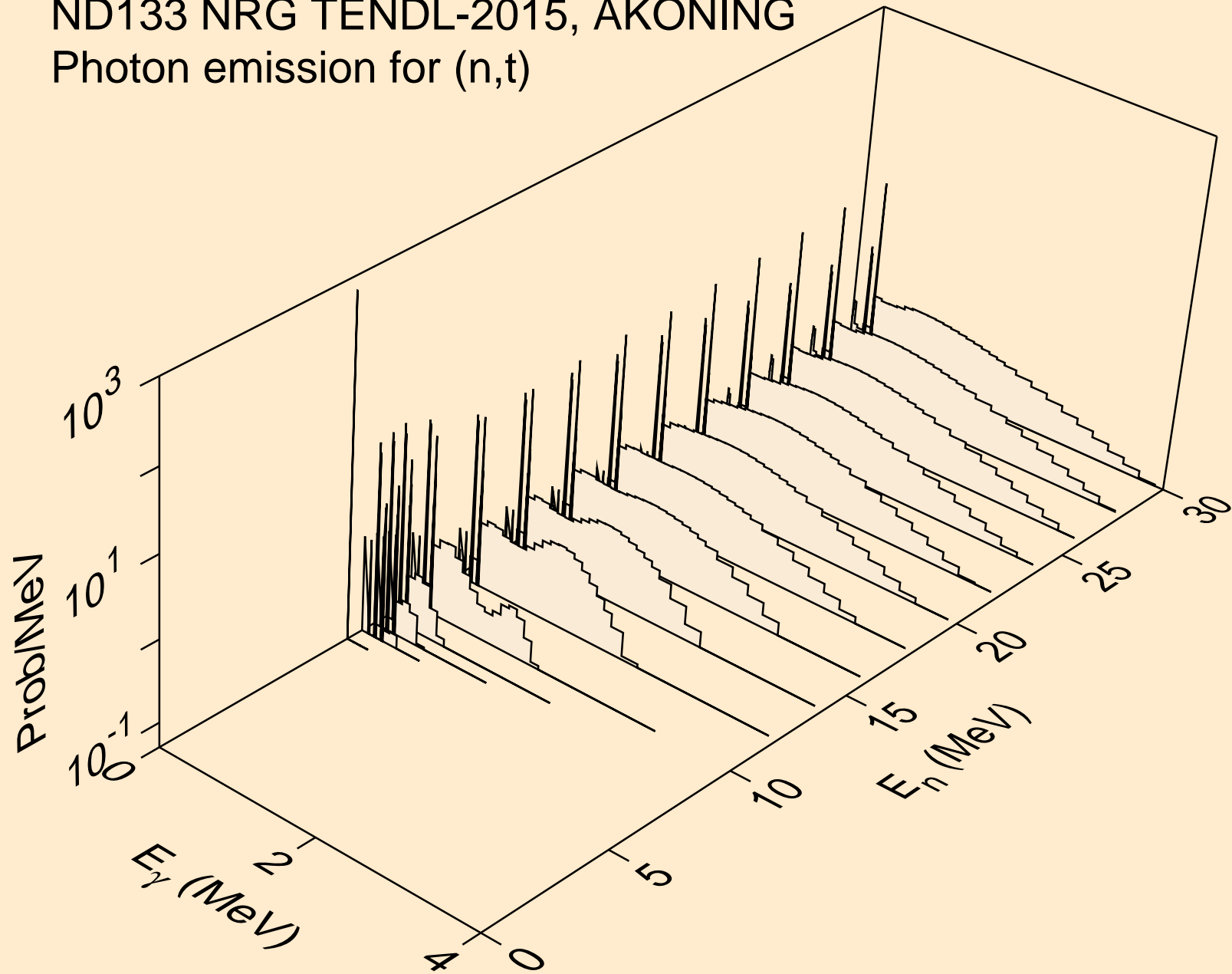




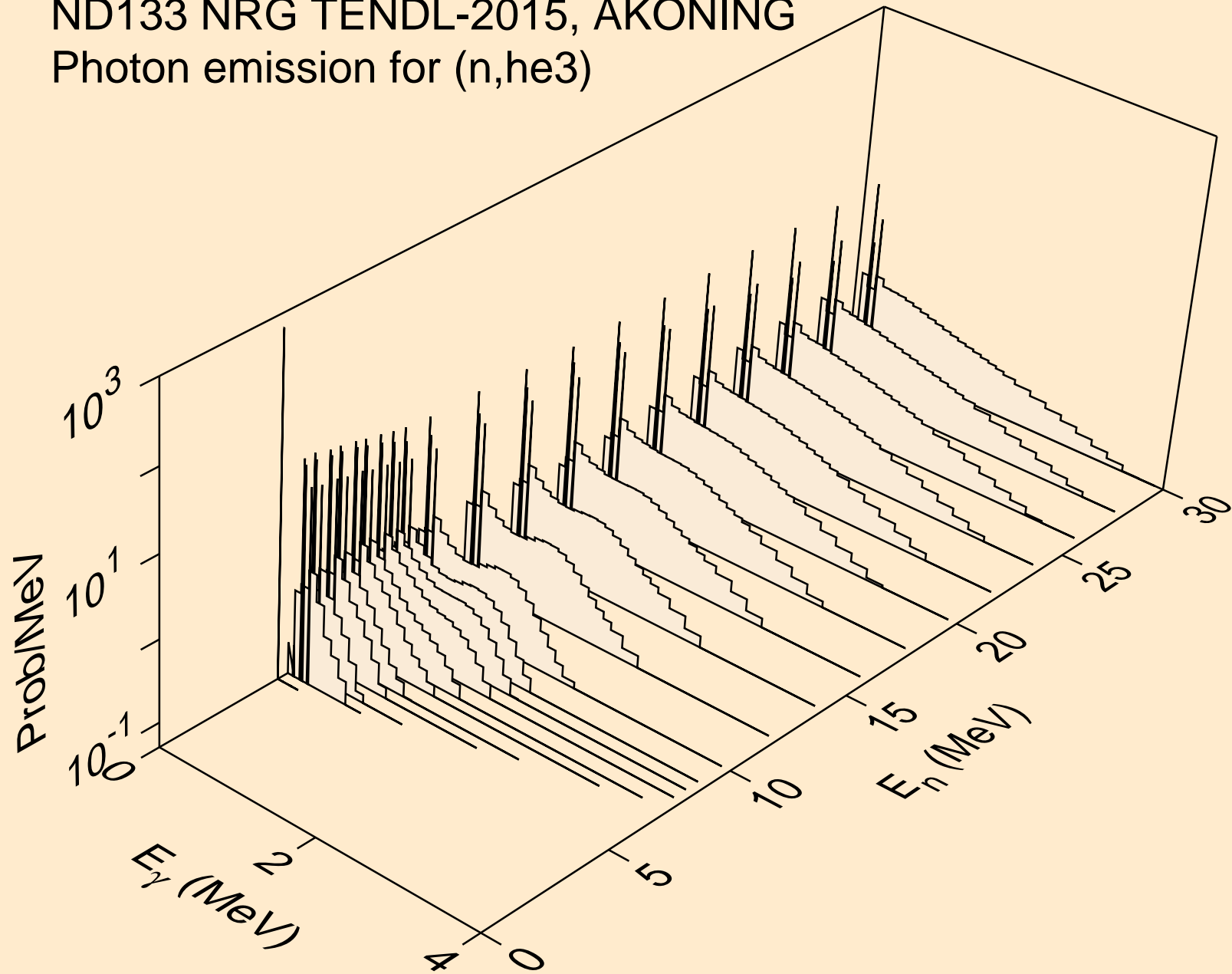
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



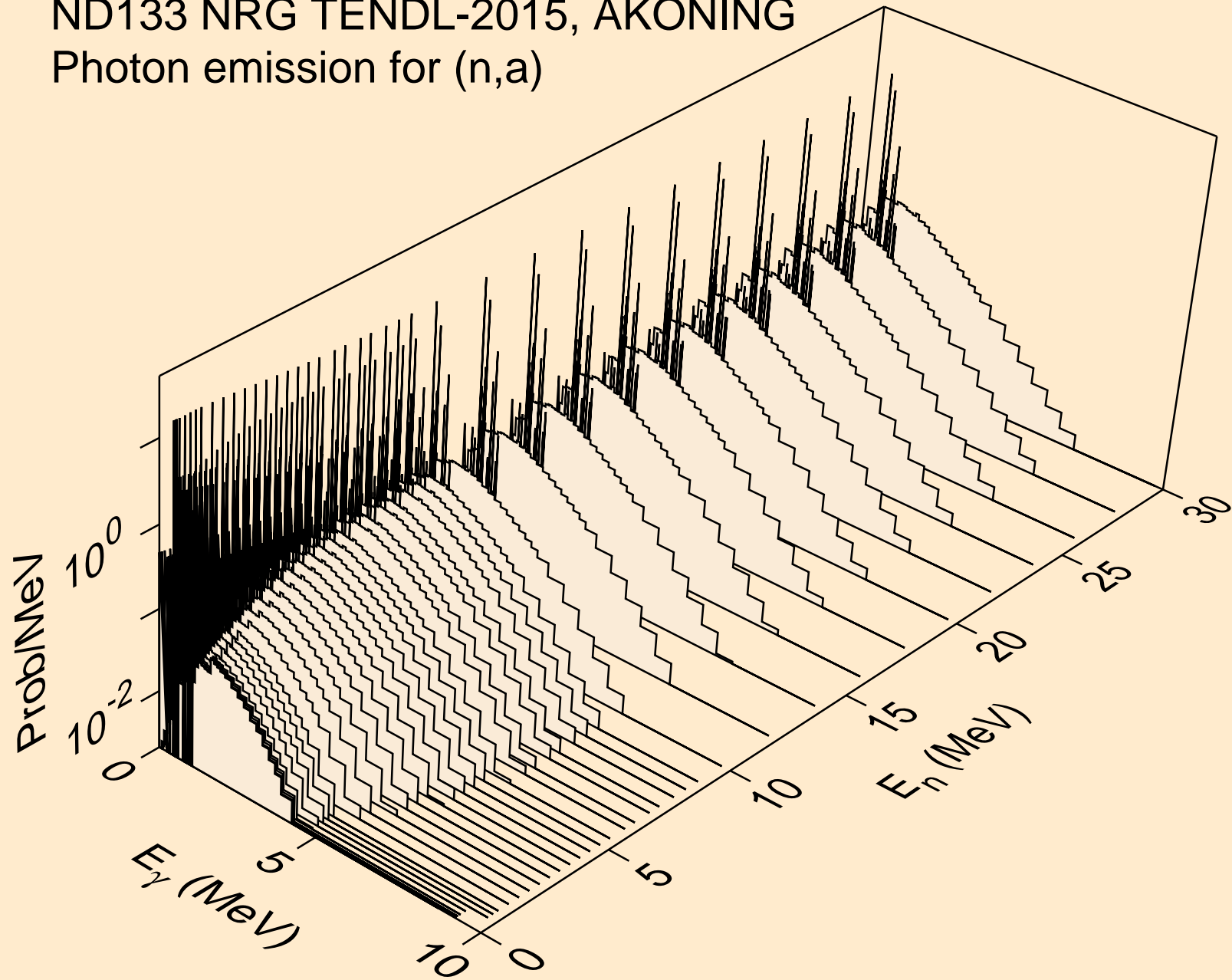
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



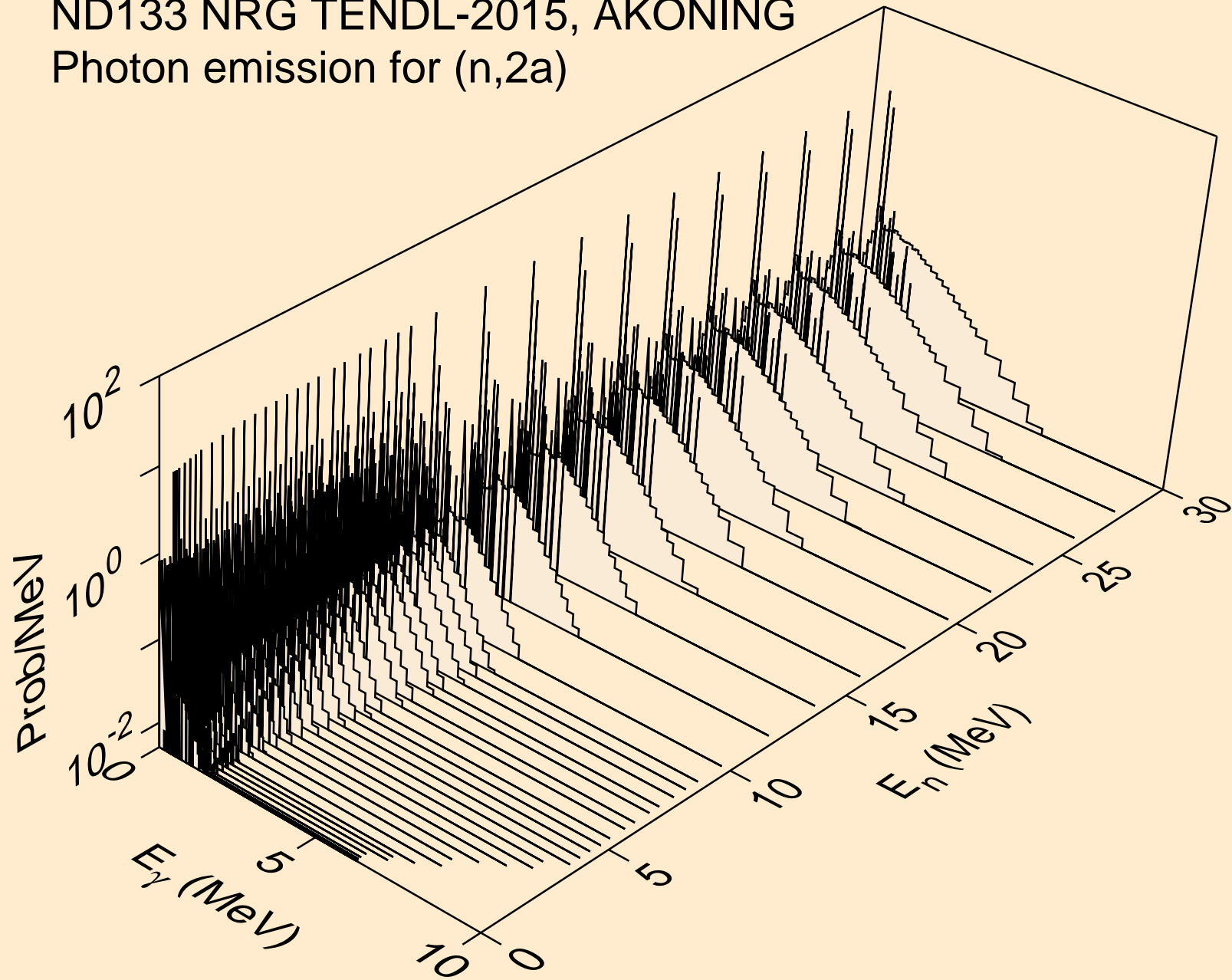
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



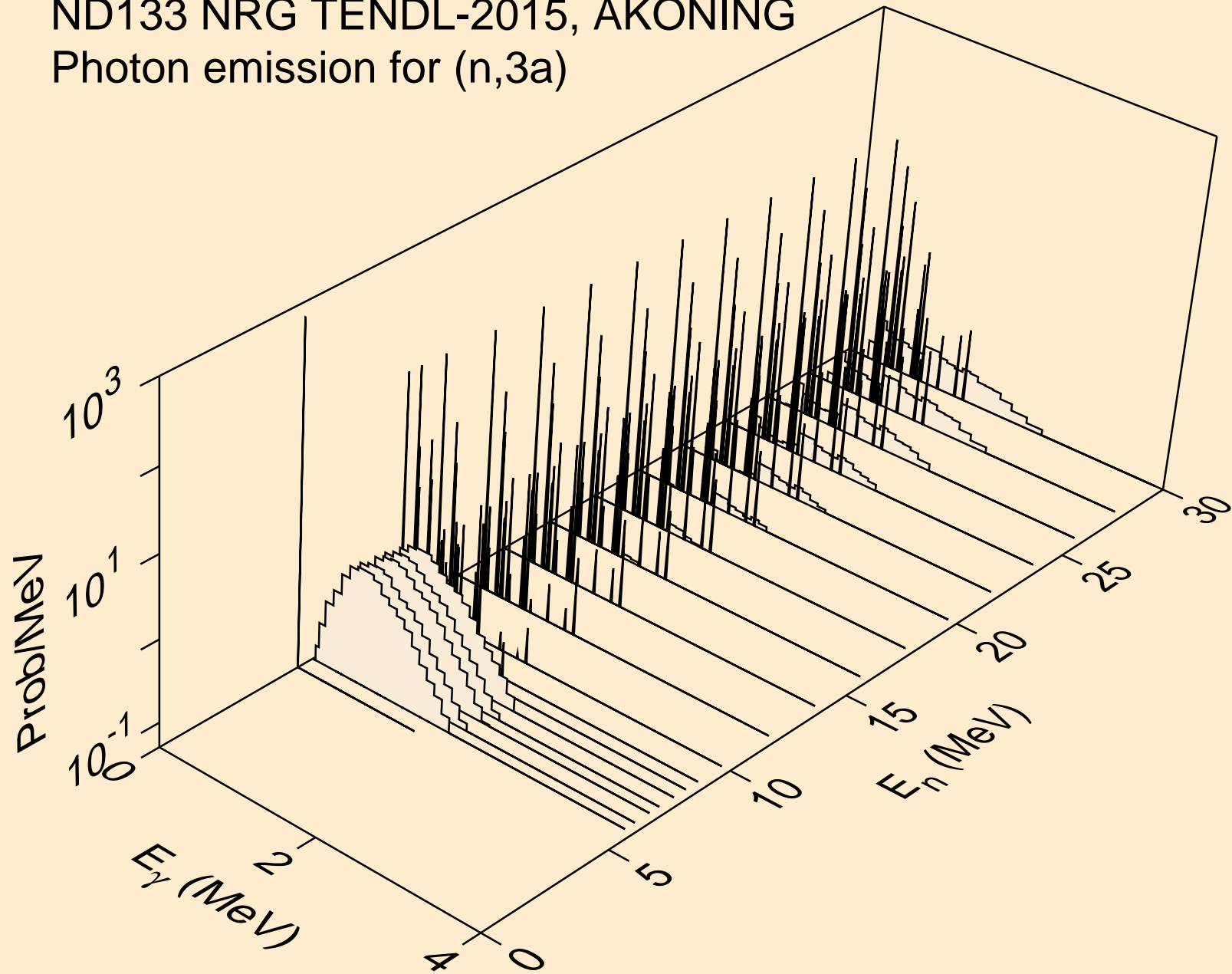
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



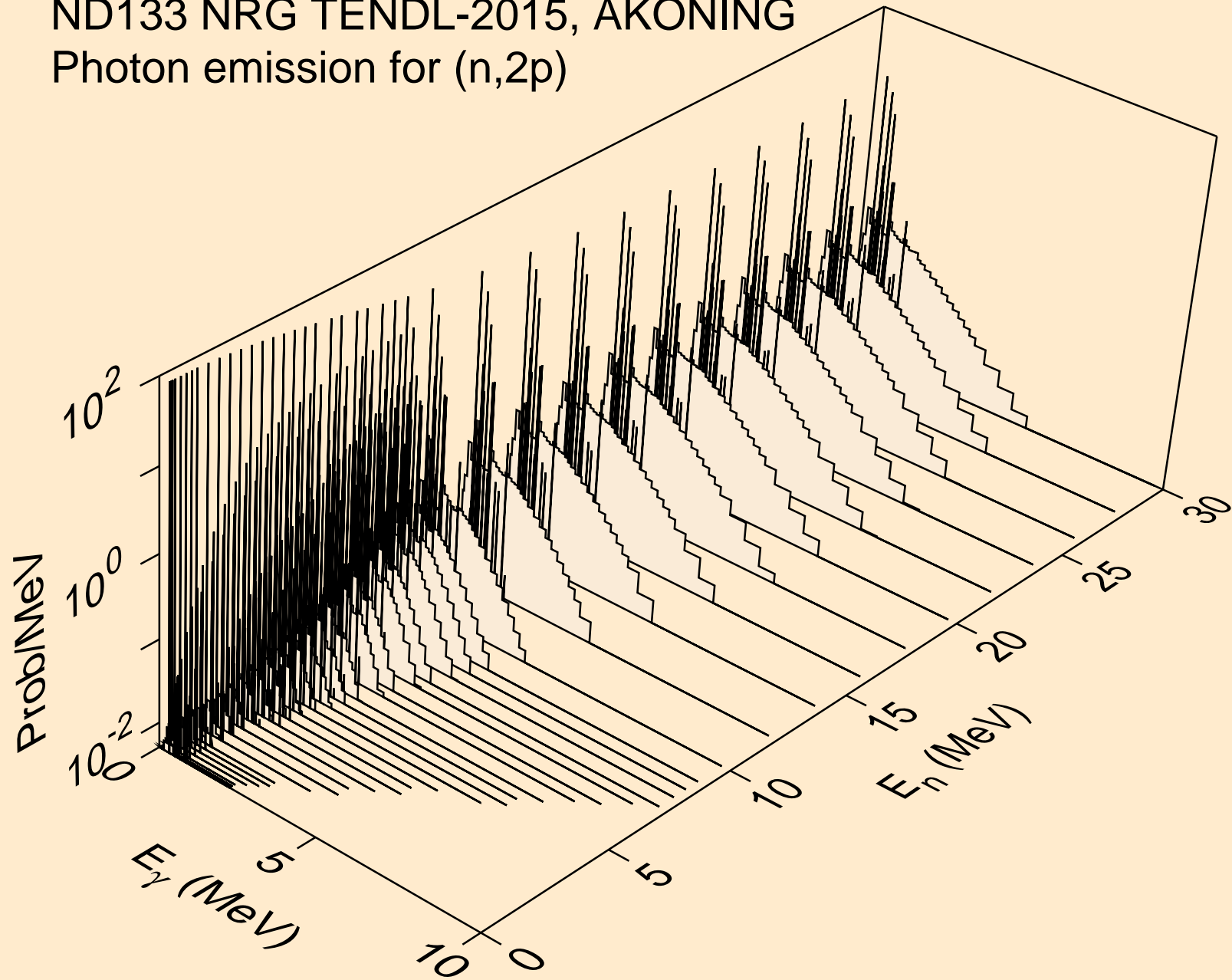
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



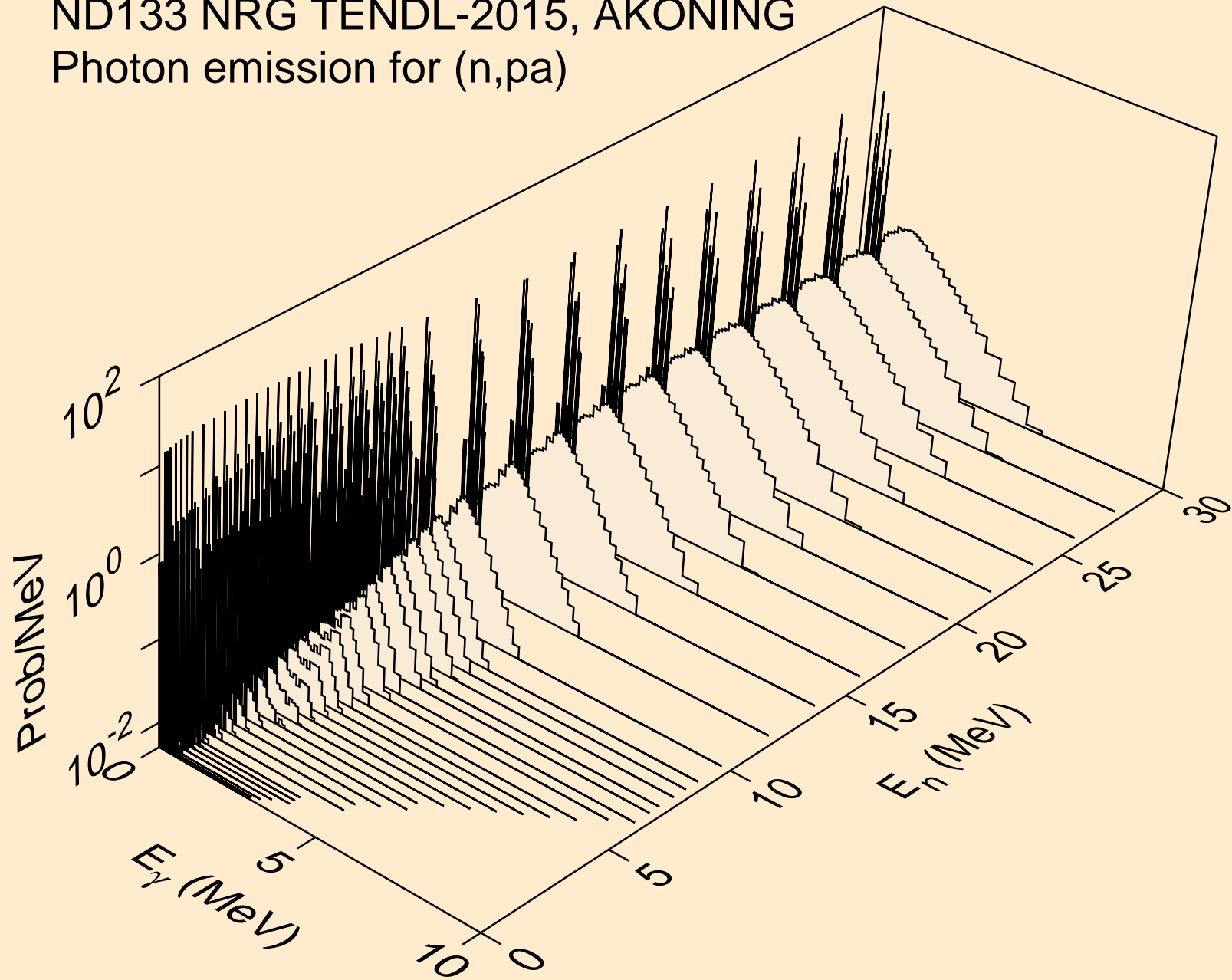
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

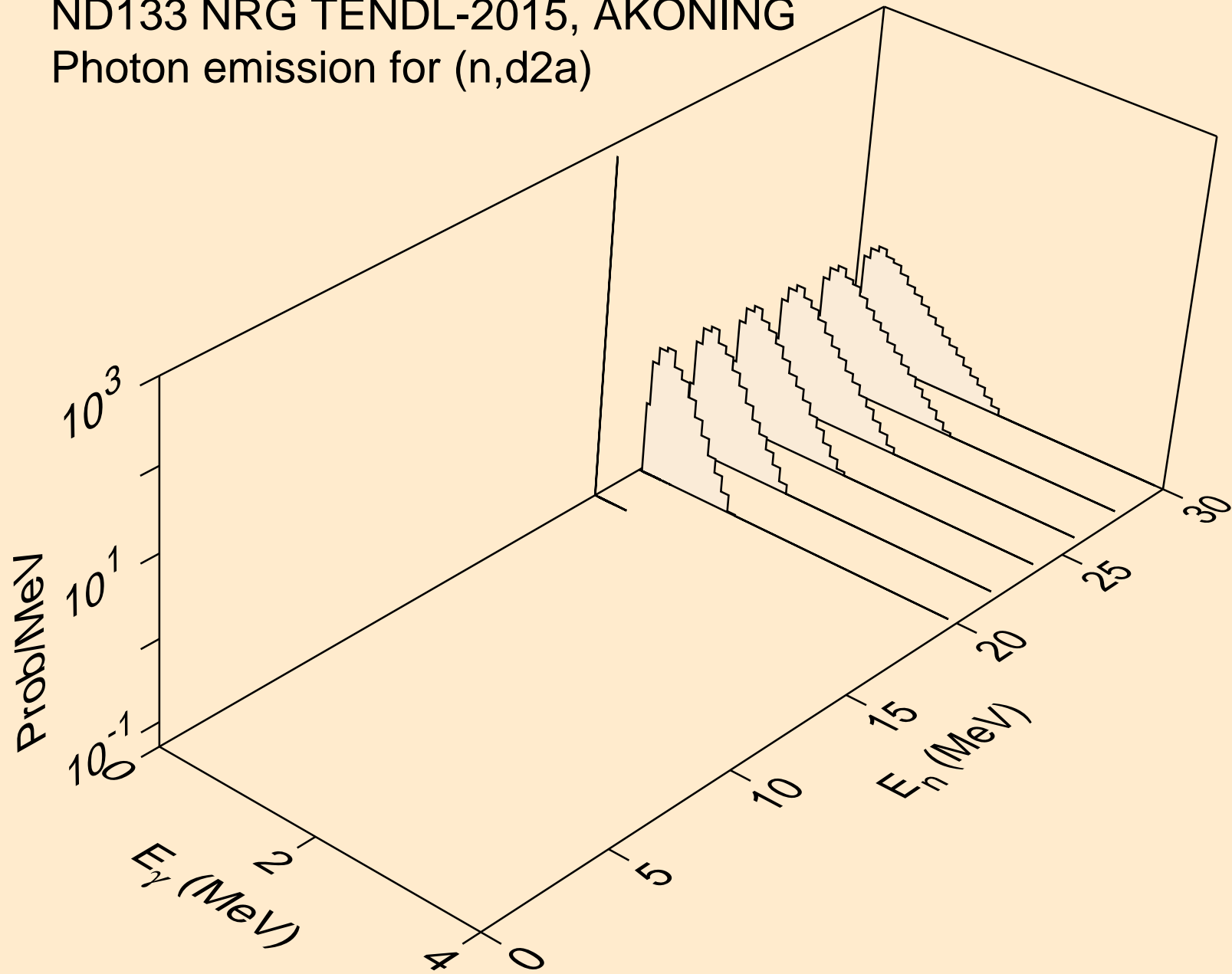


ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

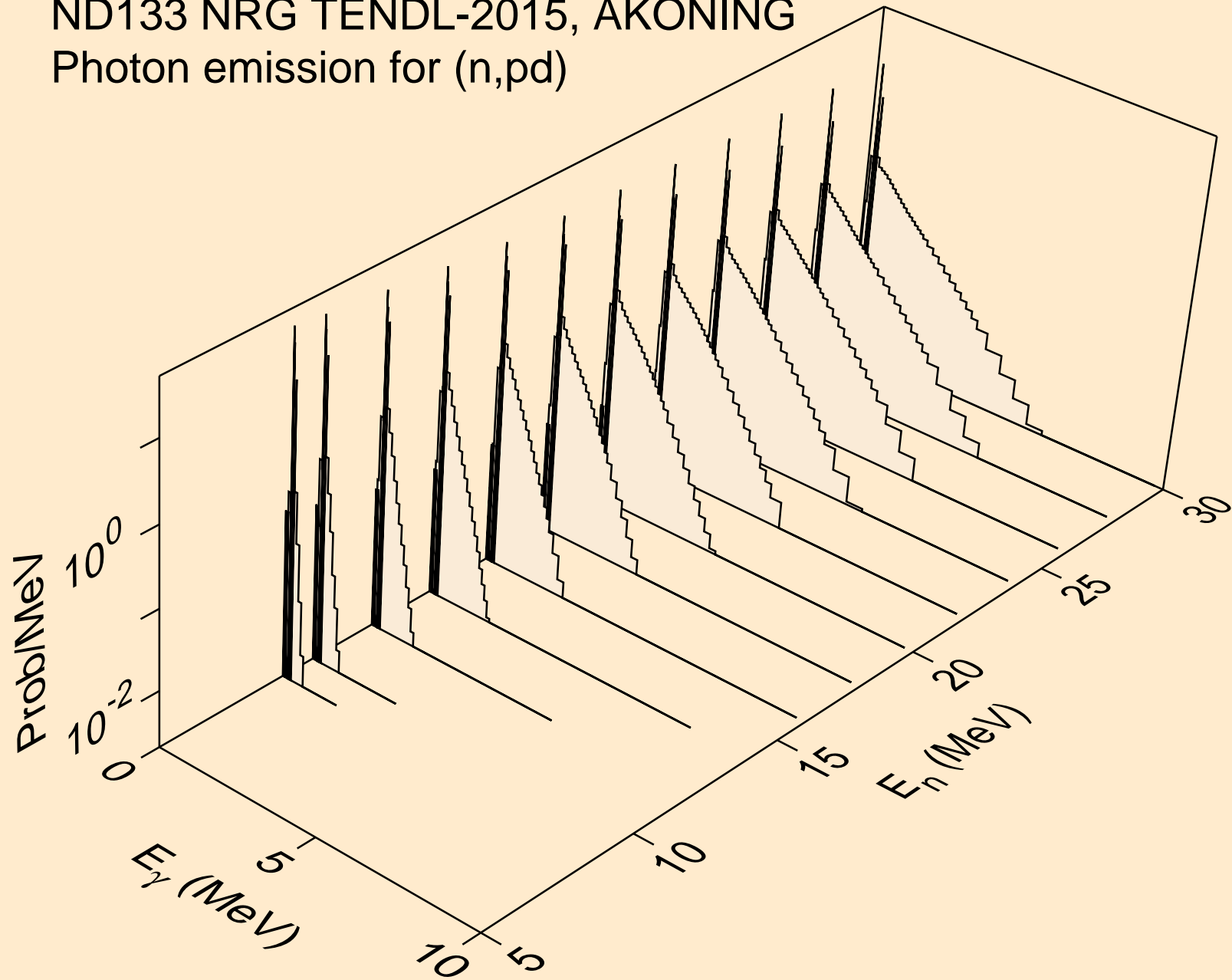




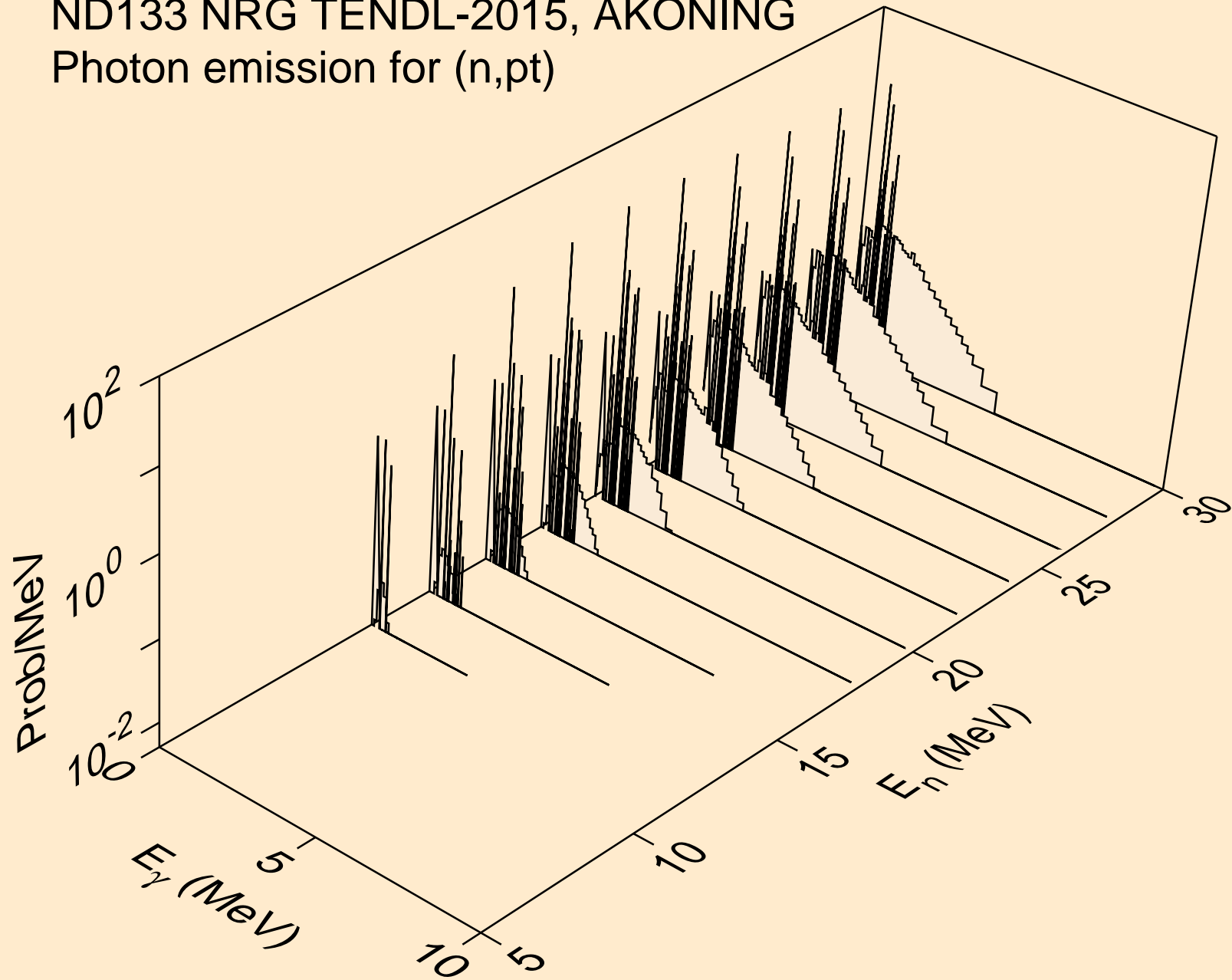
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



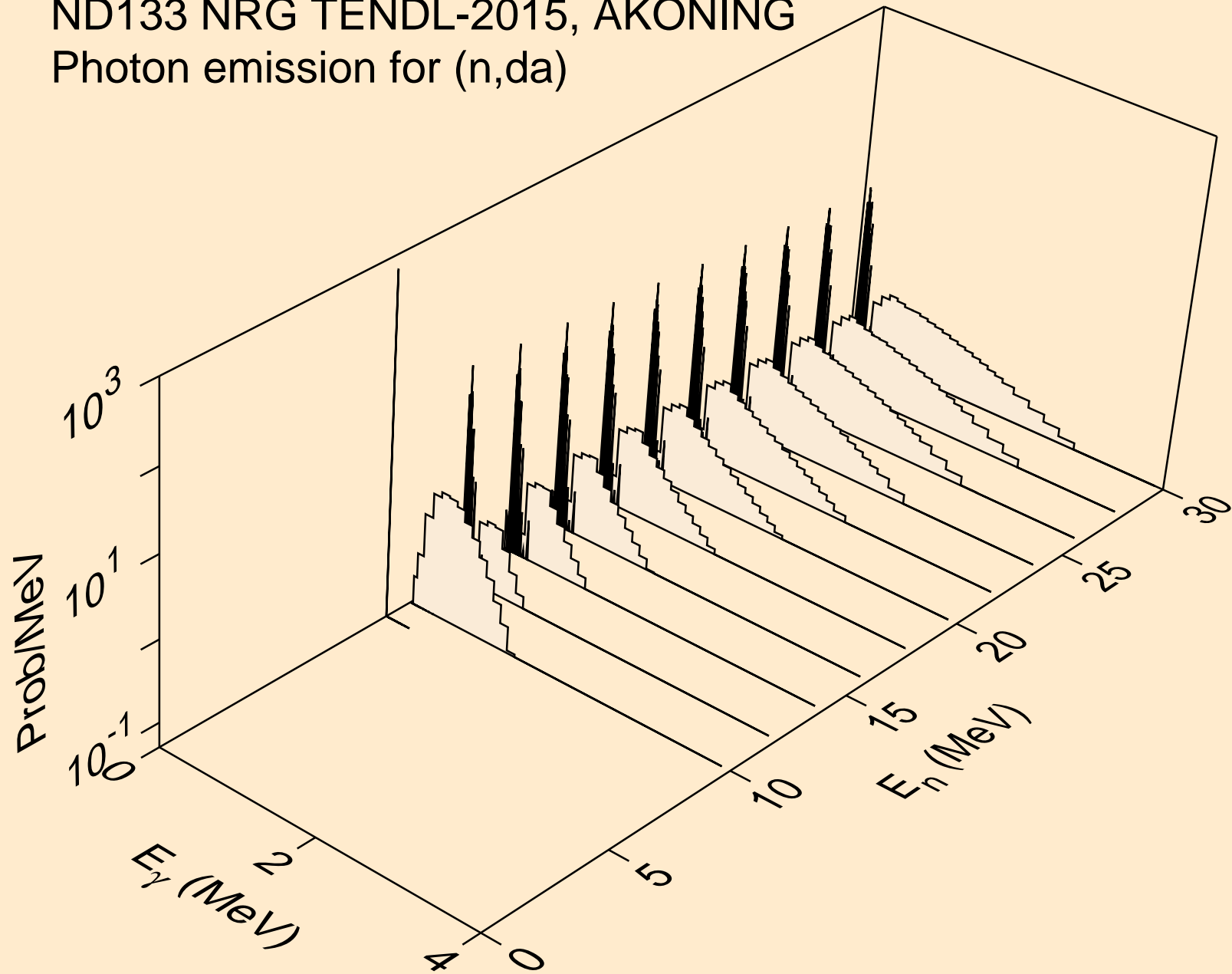
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



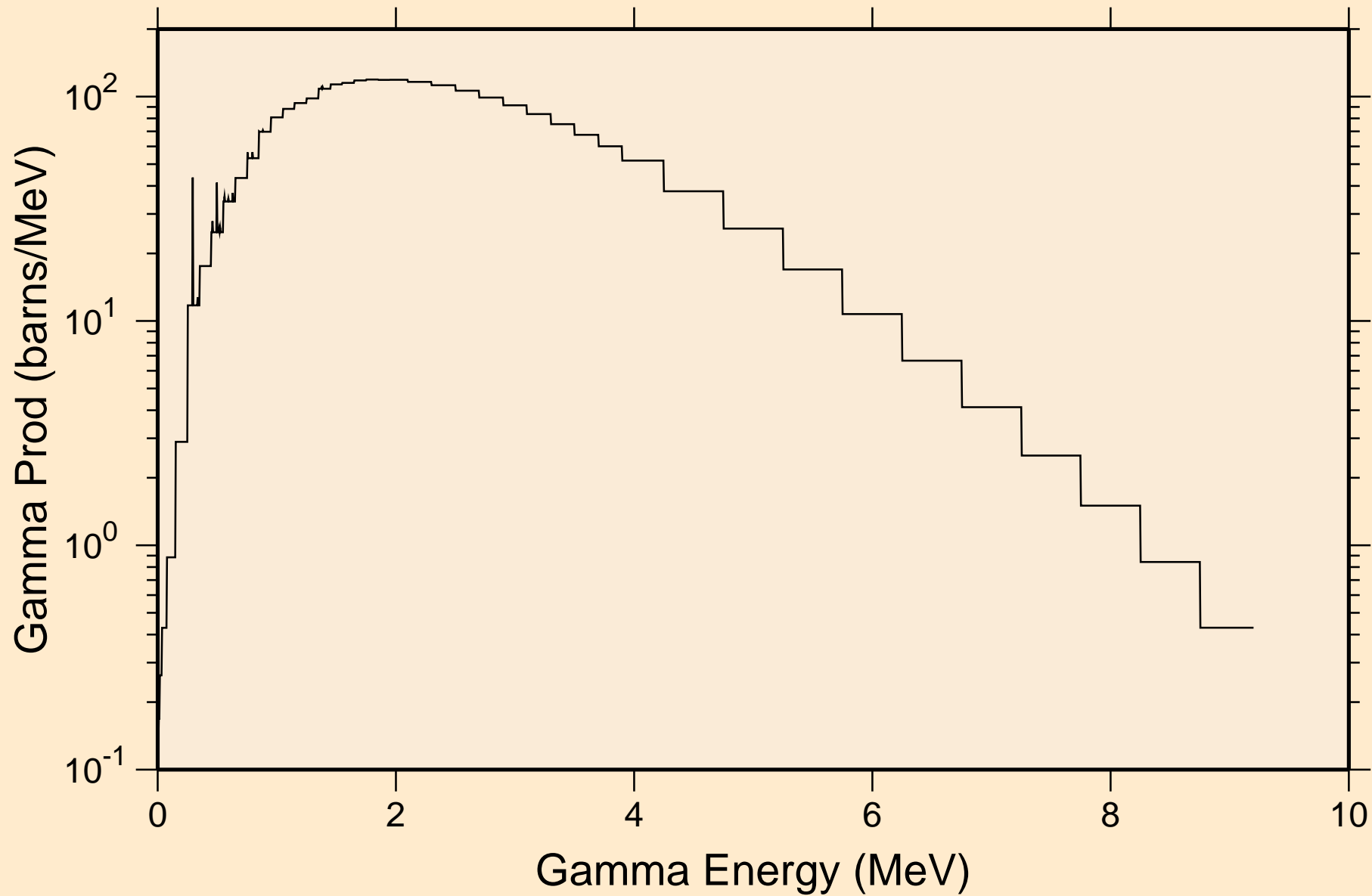
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



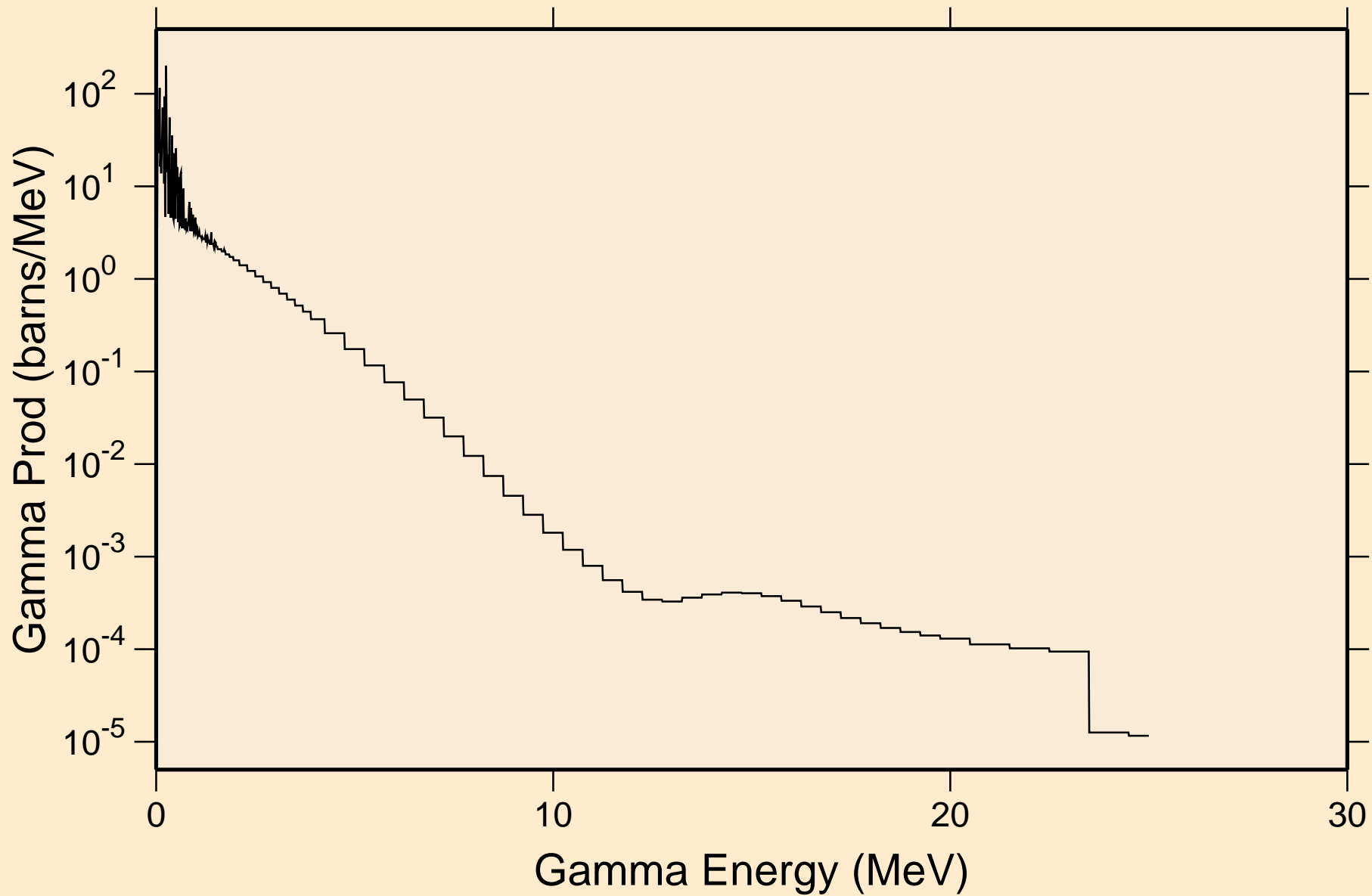
ND133 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



ND133 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

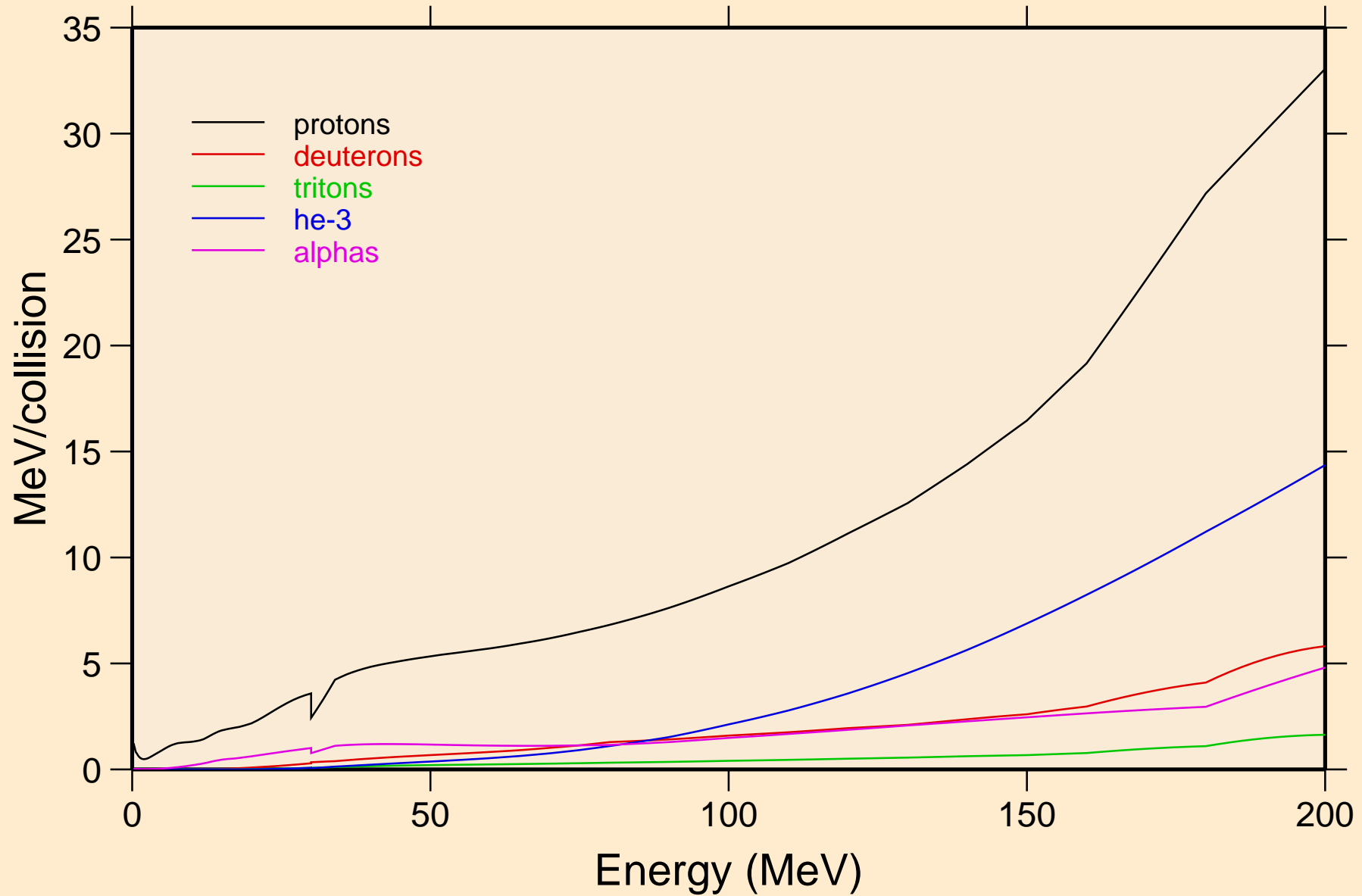


ND133 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



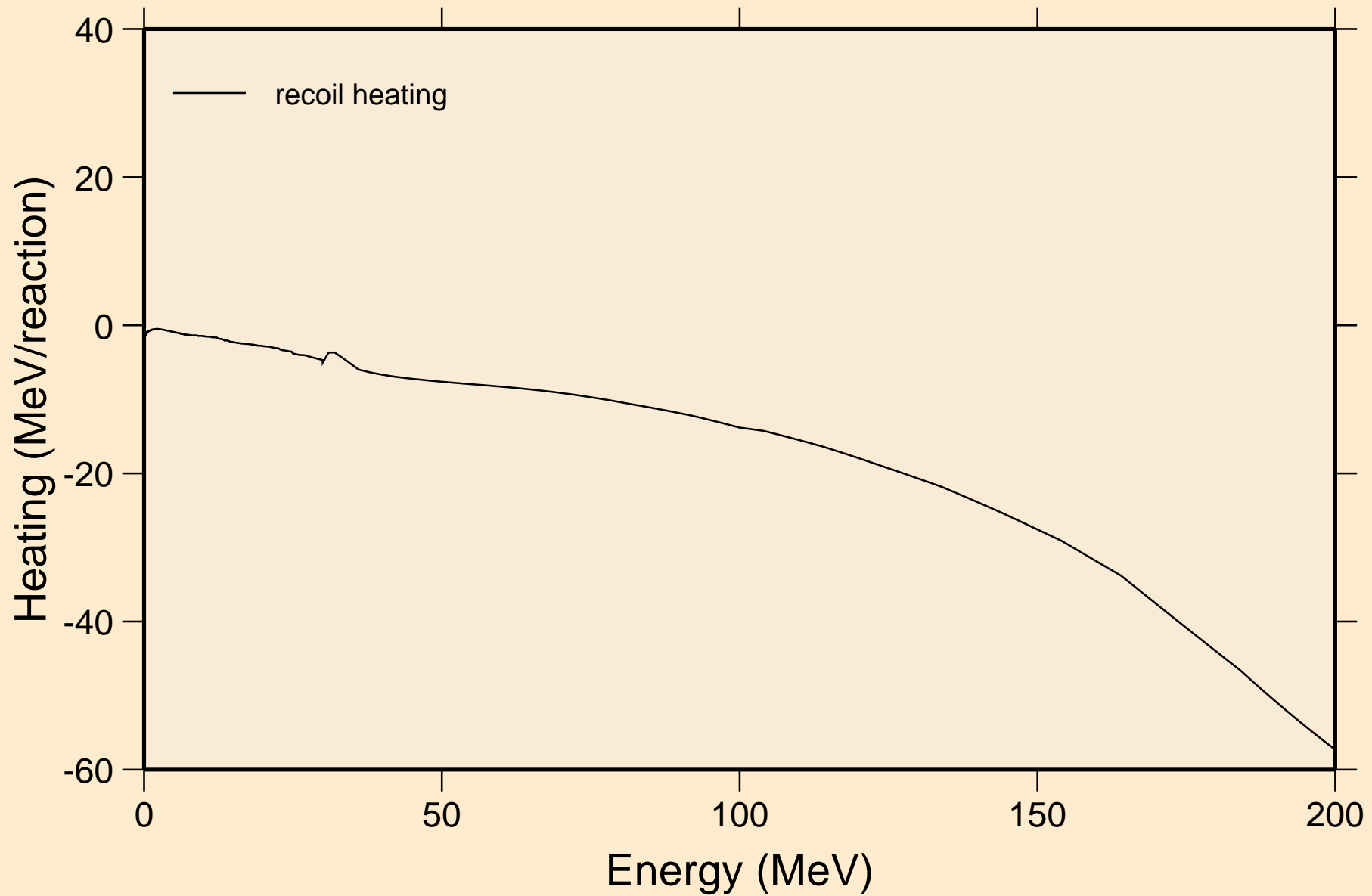
# ND133 NRG TENDL-2015, AKONING

## Particle heating contributions



# ND133 NRG TENDL-2015, AKONING

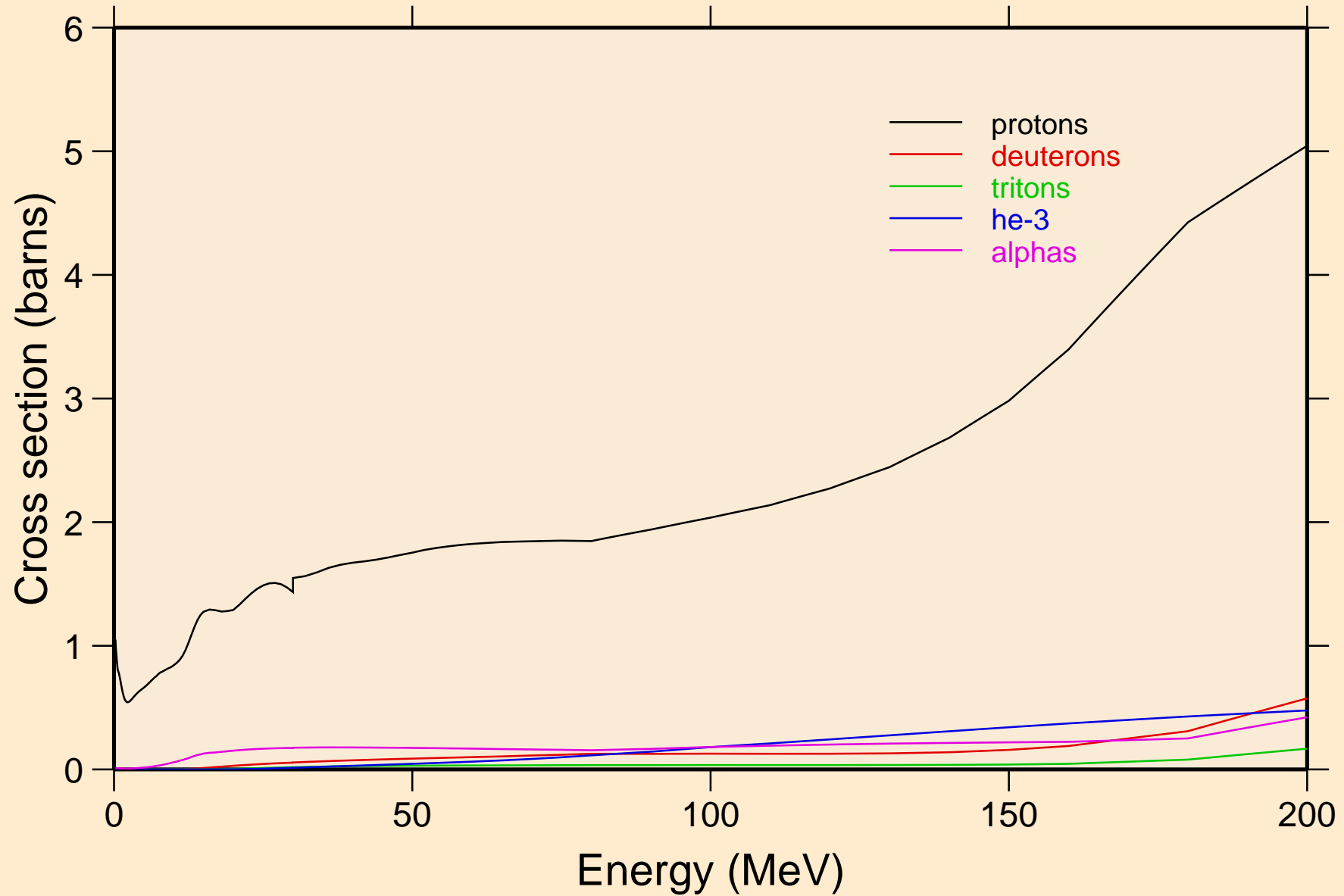
## Recoil Heating



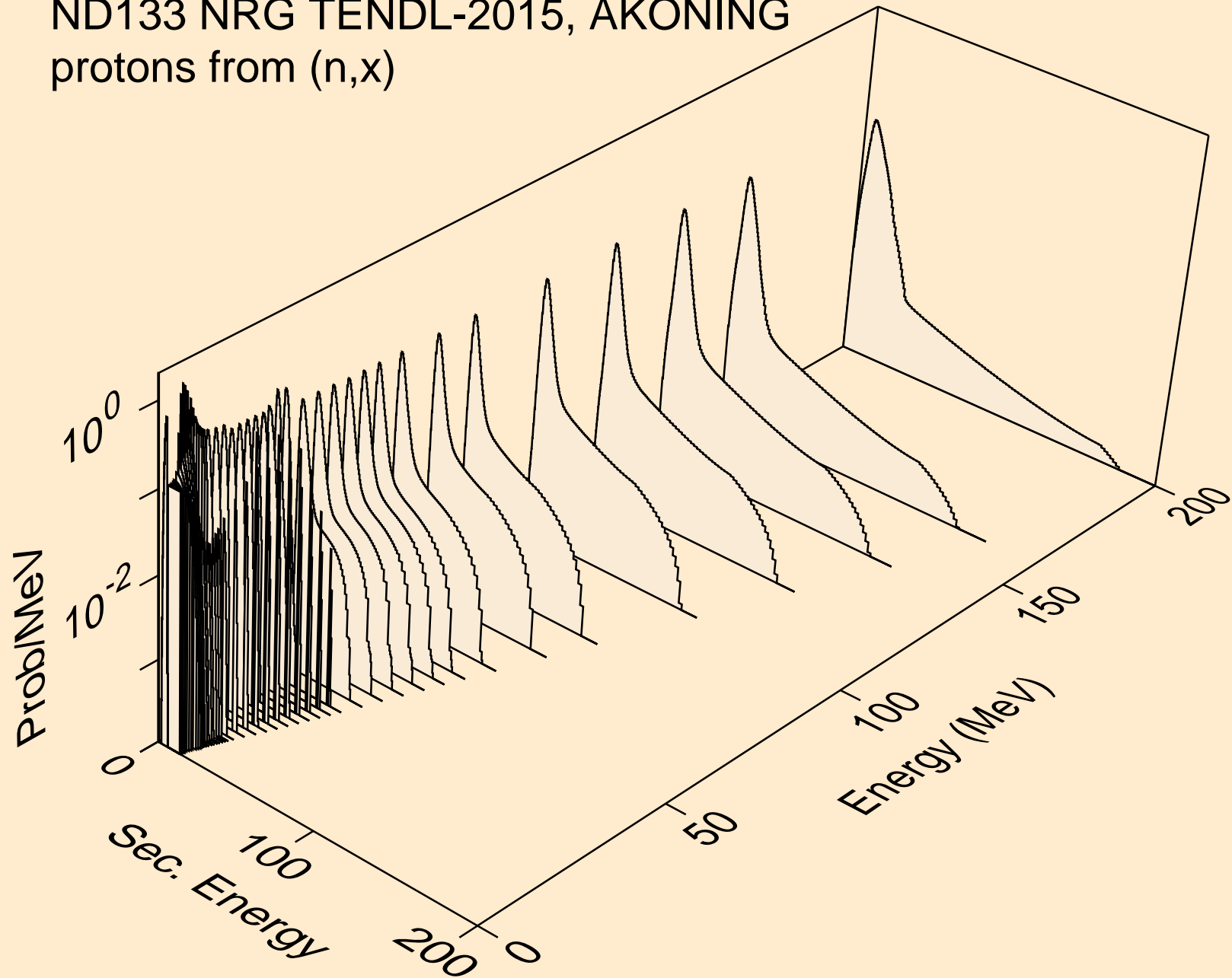


# ND133 NRG TENDL-2015, AKONING

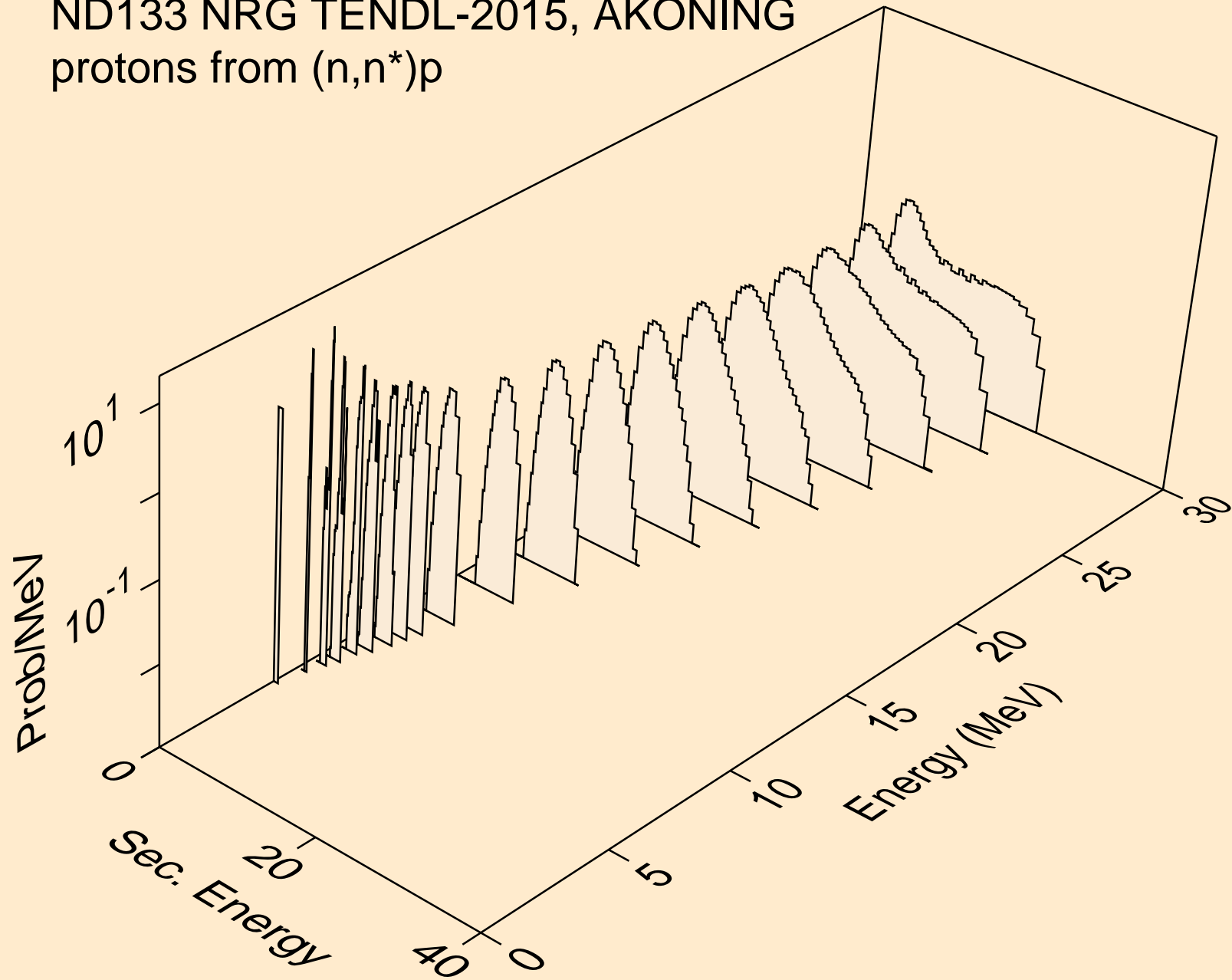
## Particle production cross sections



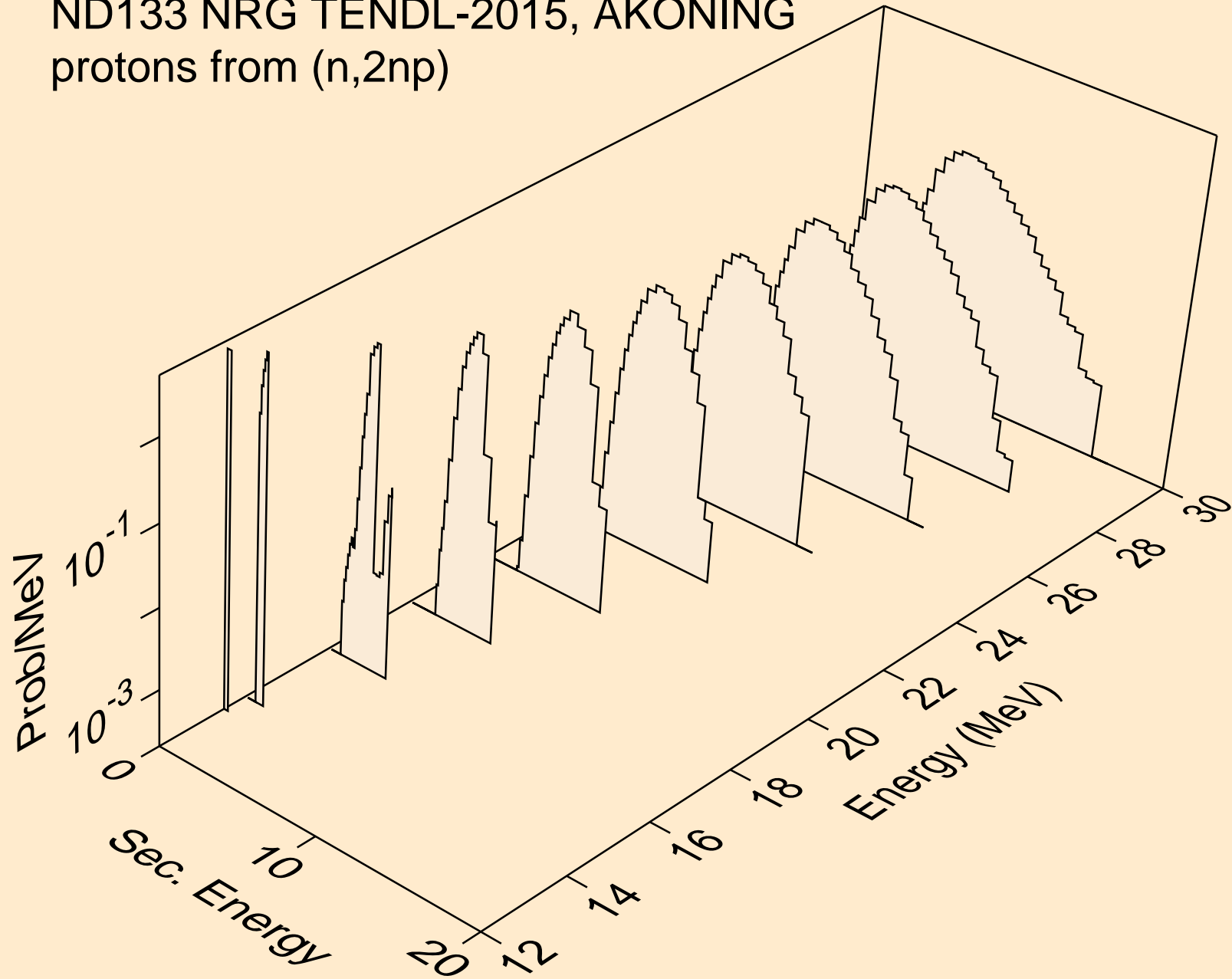
ND133 NRG TENDL-2015, AKONING  
protons from (n,x)



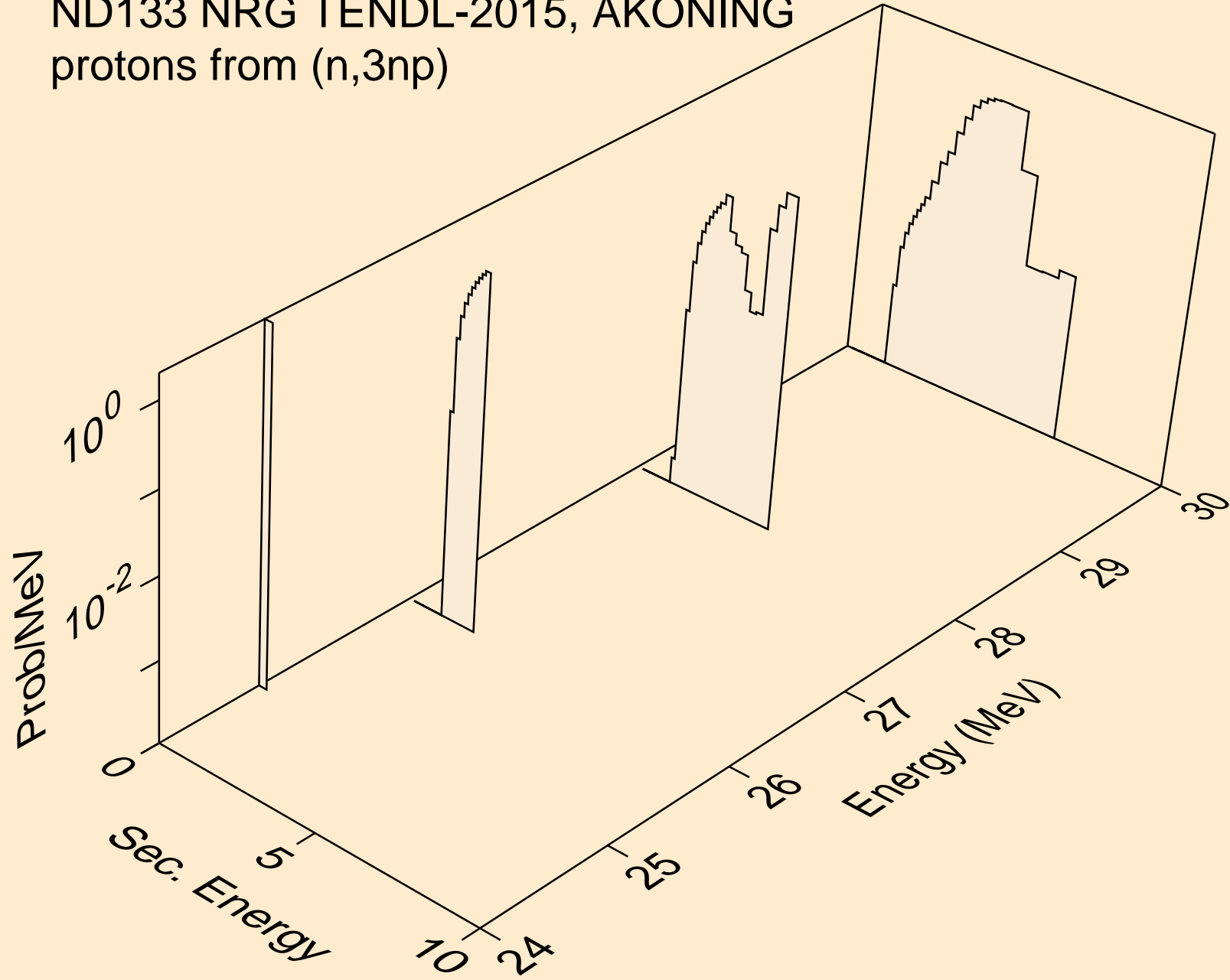
ND133 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



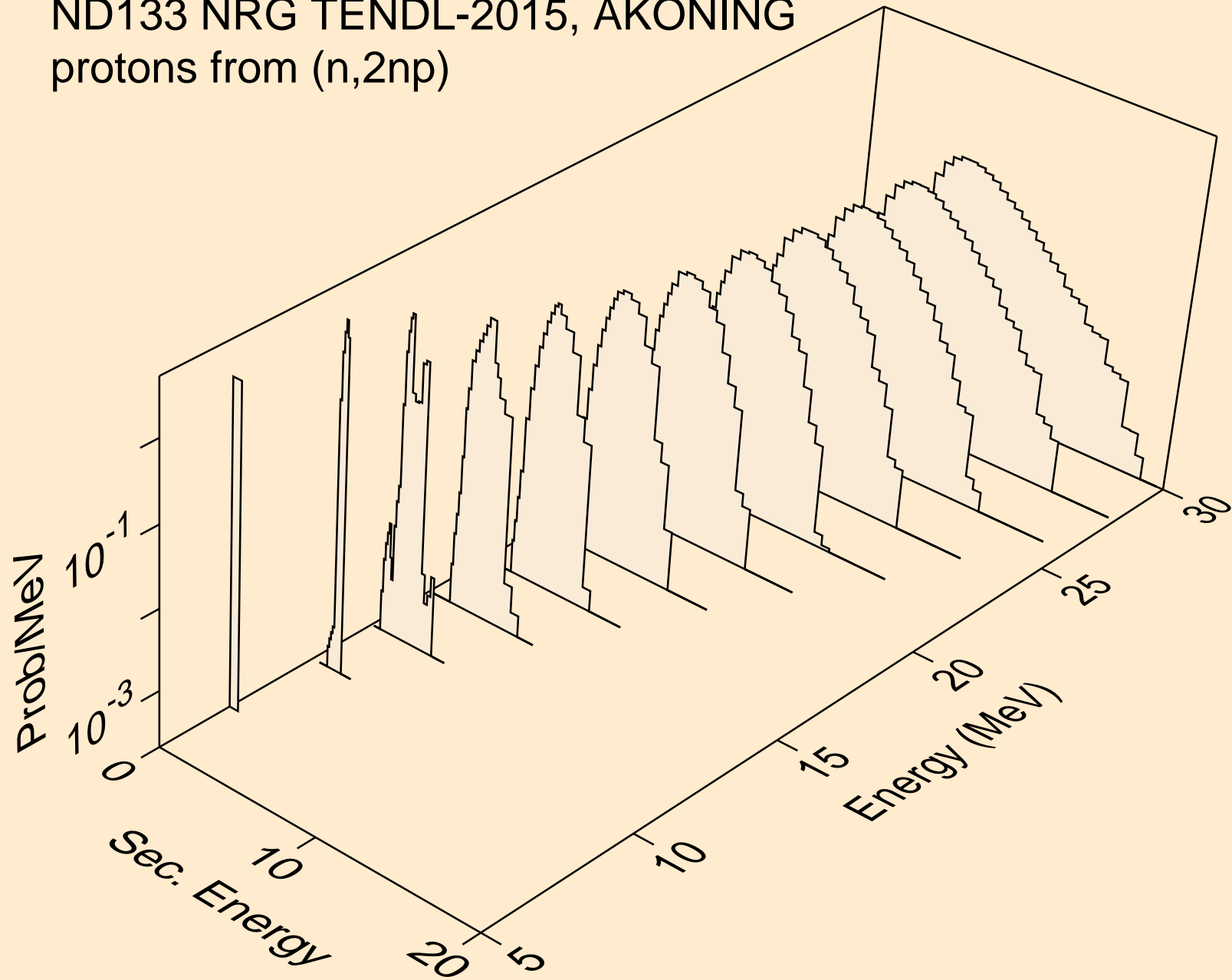
ND133 NRG TENDL-2015, AKONING  
protons from (n,2np)



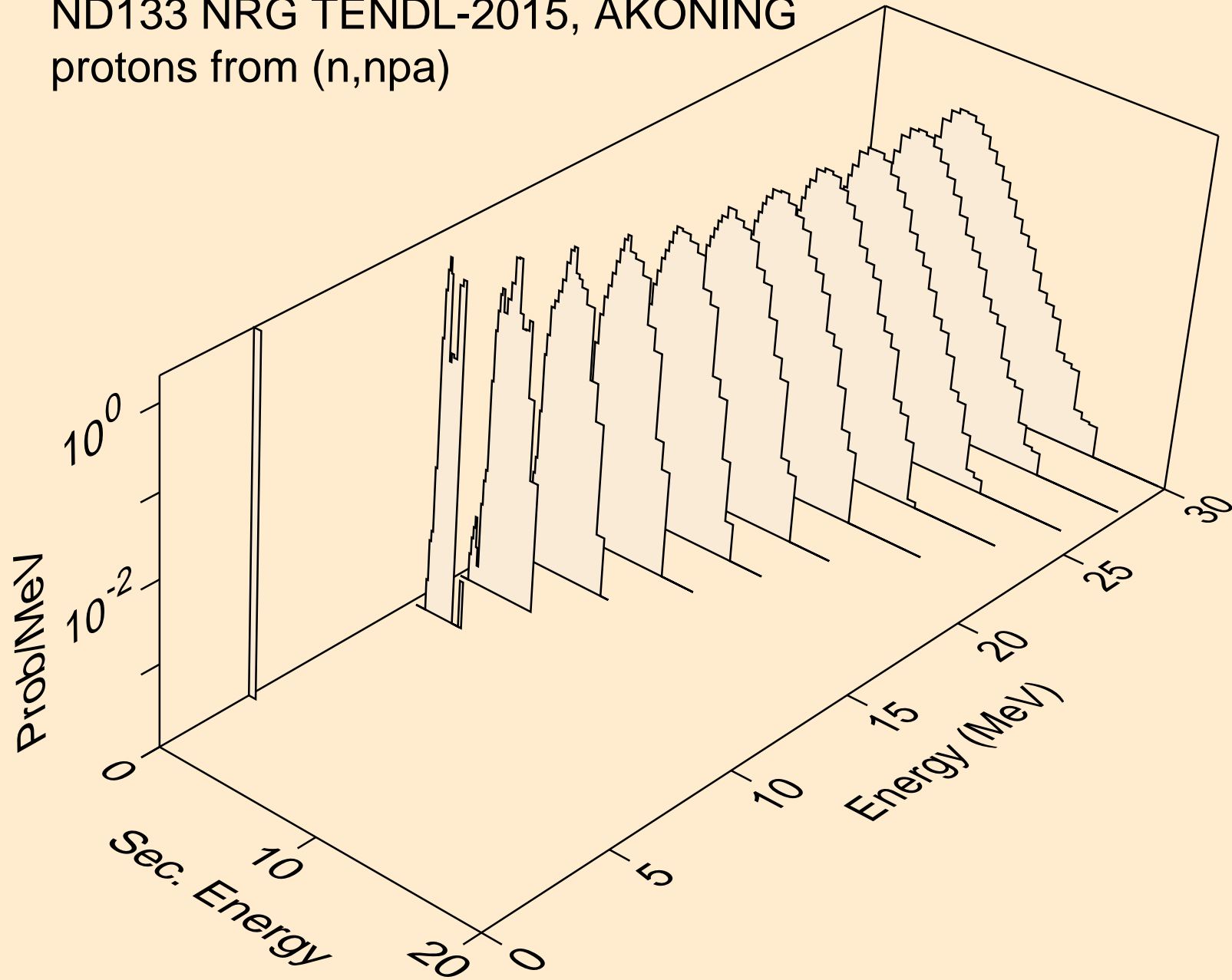
ND133 NRG TENDL-2015, AKONING  
protons from (n,3np)



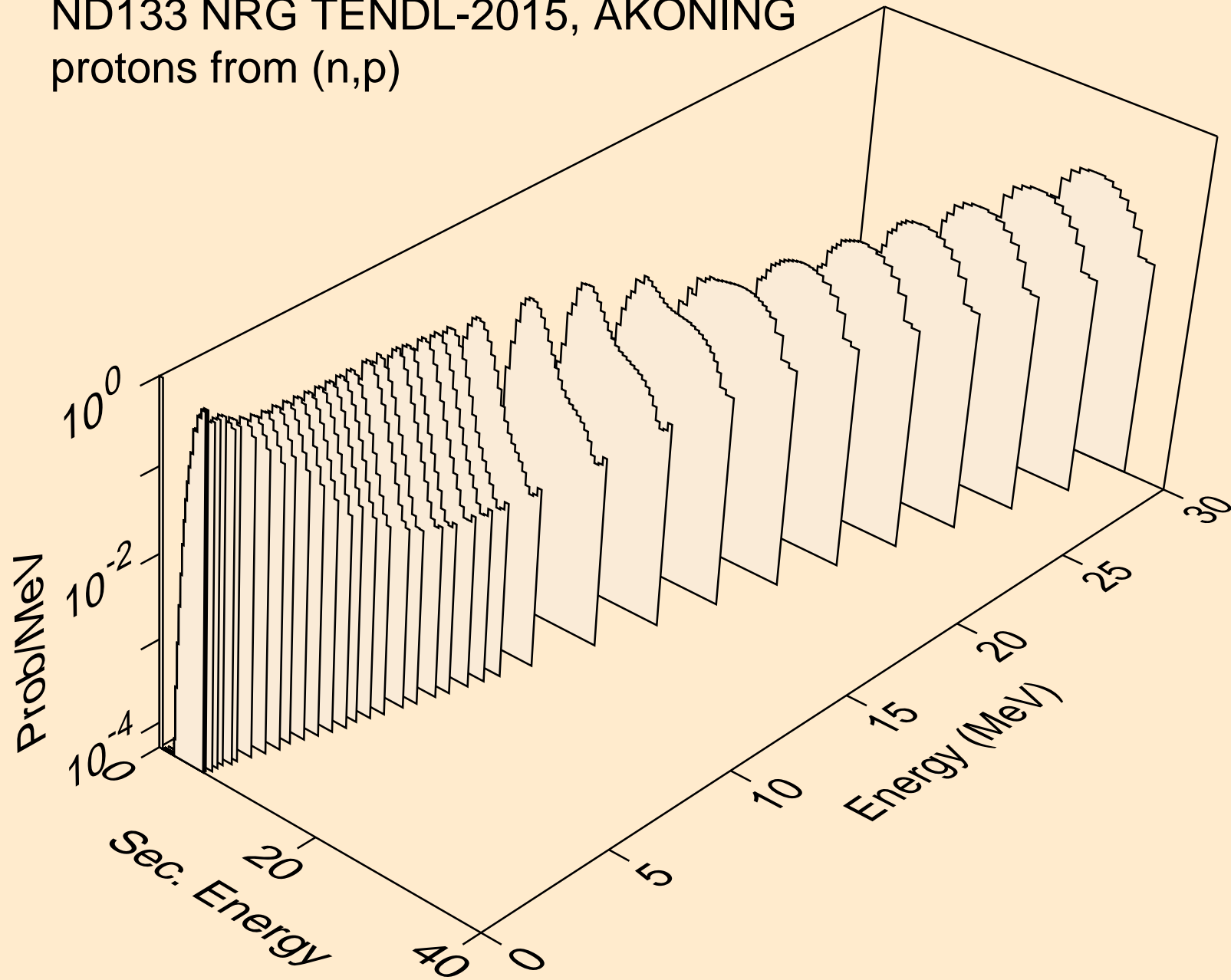
ND133 NRG TENDL-2015, AKONING  
protons from (n,2np)



ND133 NRG TENDL-2015, AKONING  
protons from (n,npa)

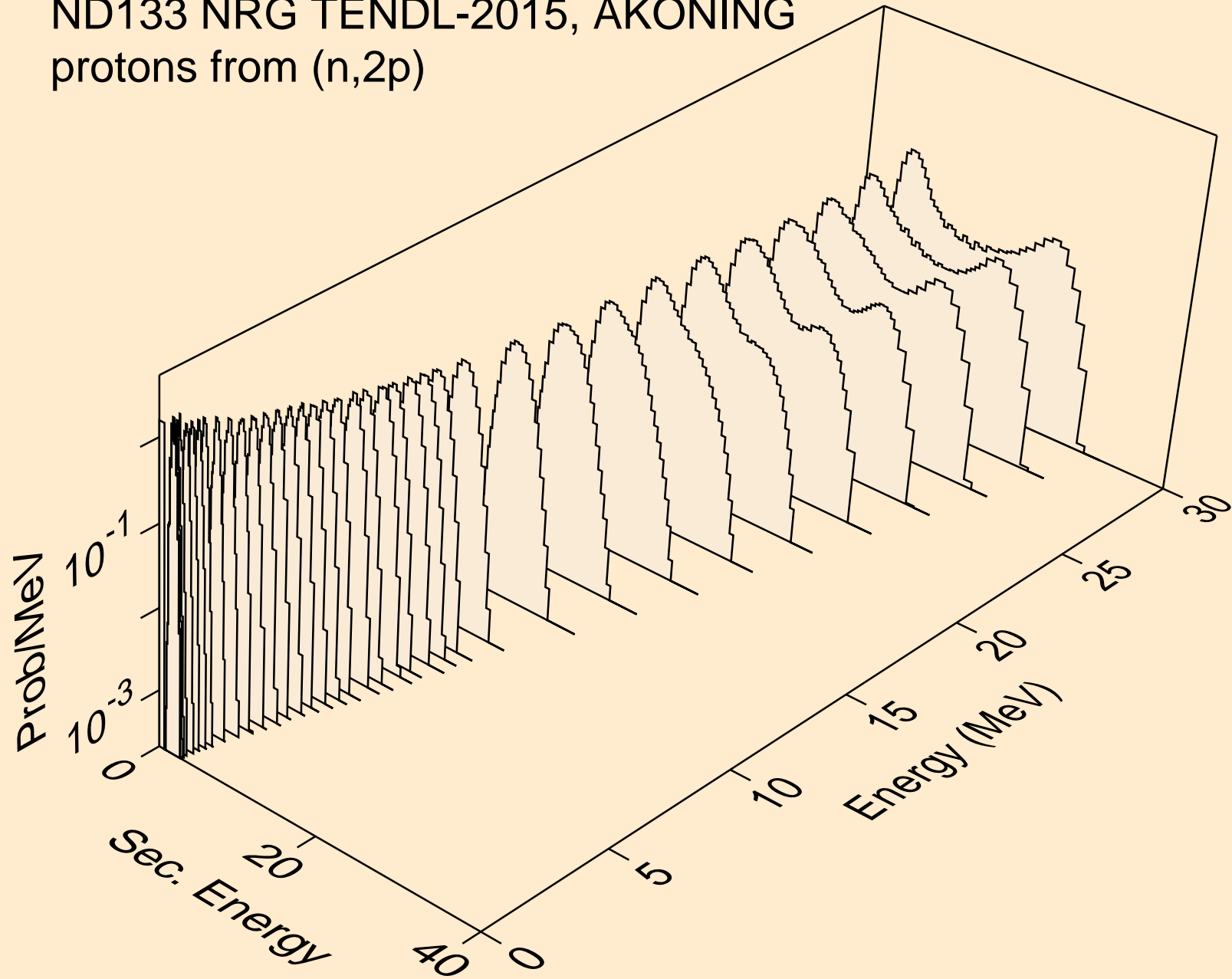


ND133 NRG TENDL-2015, AKONING  
protons from (n,p)

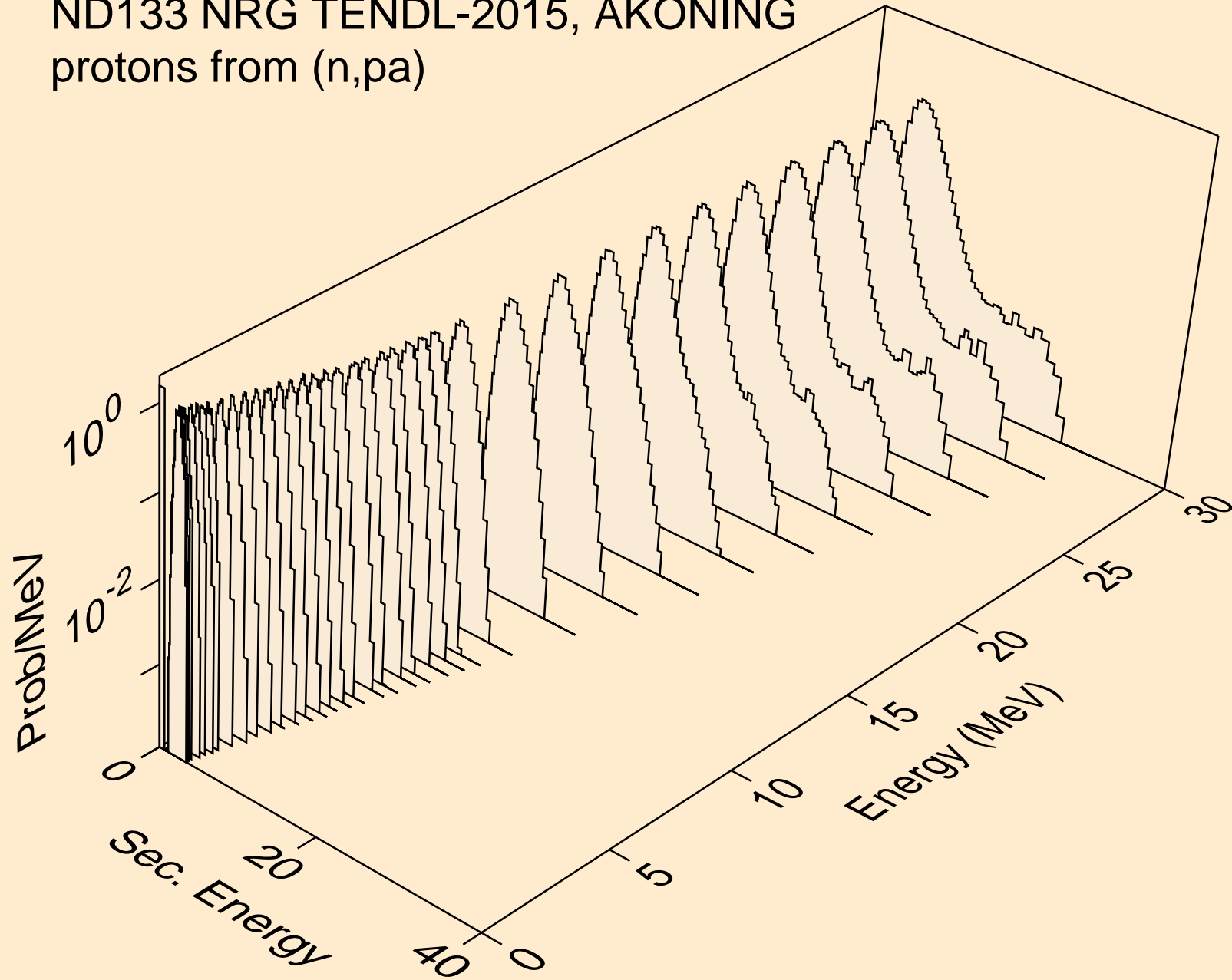




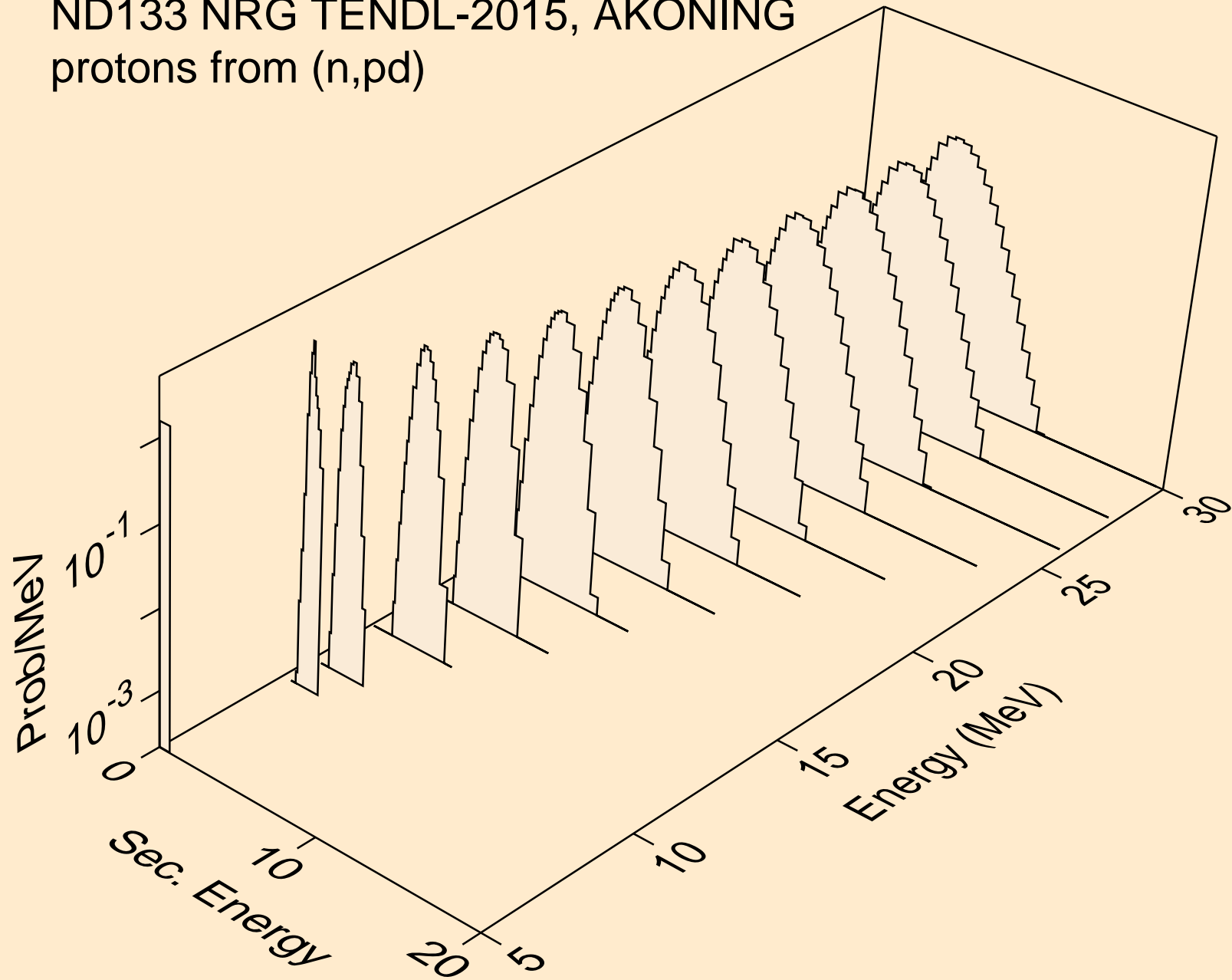
ND133 NRG TENDL-2015, AKONING  
protons from (n,2p)



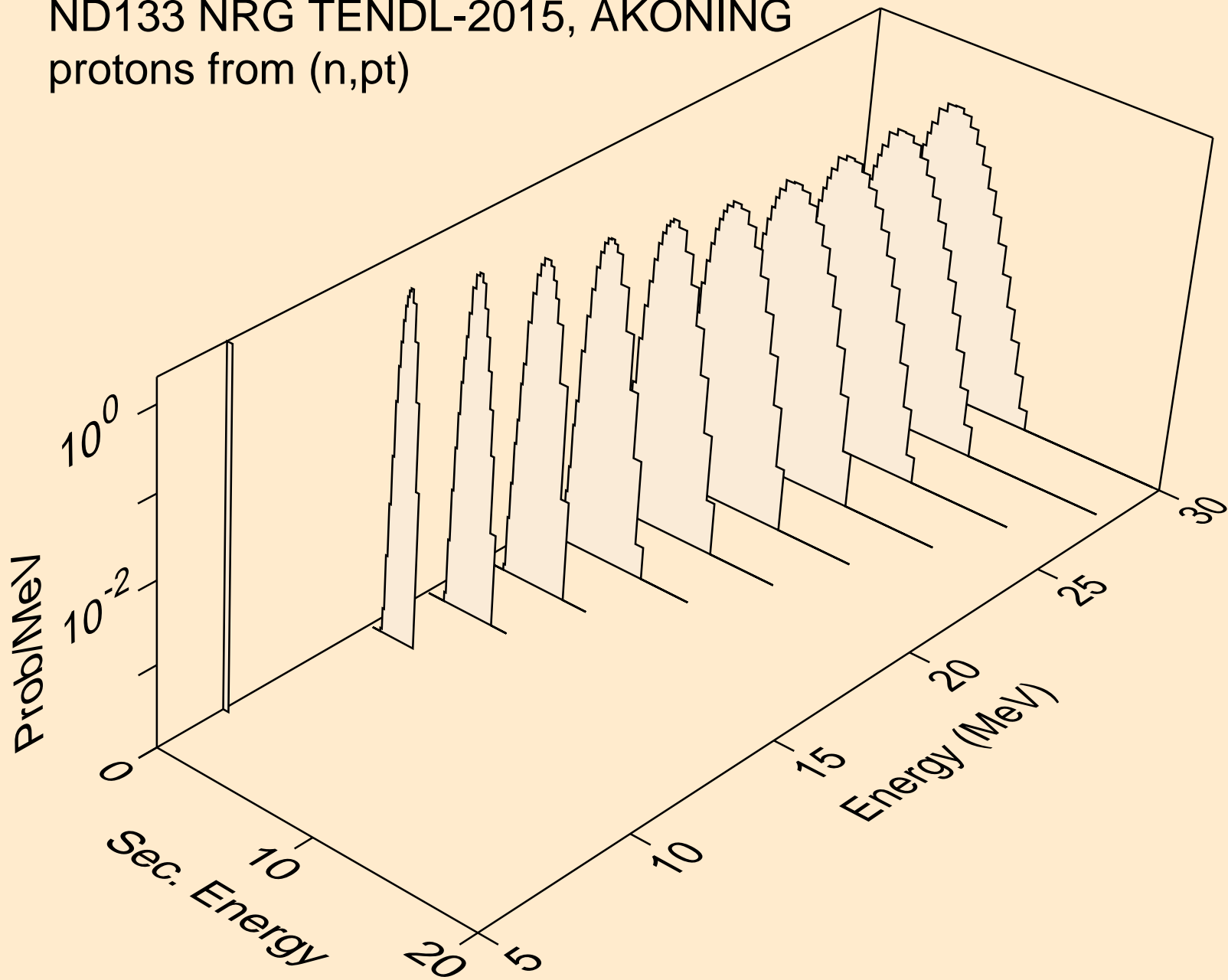
ND133 NRG TENDL-2015, AKONING  
protons from (n,pa)



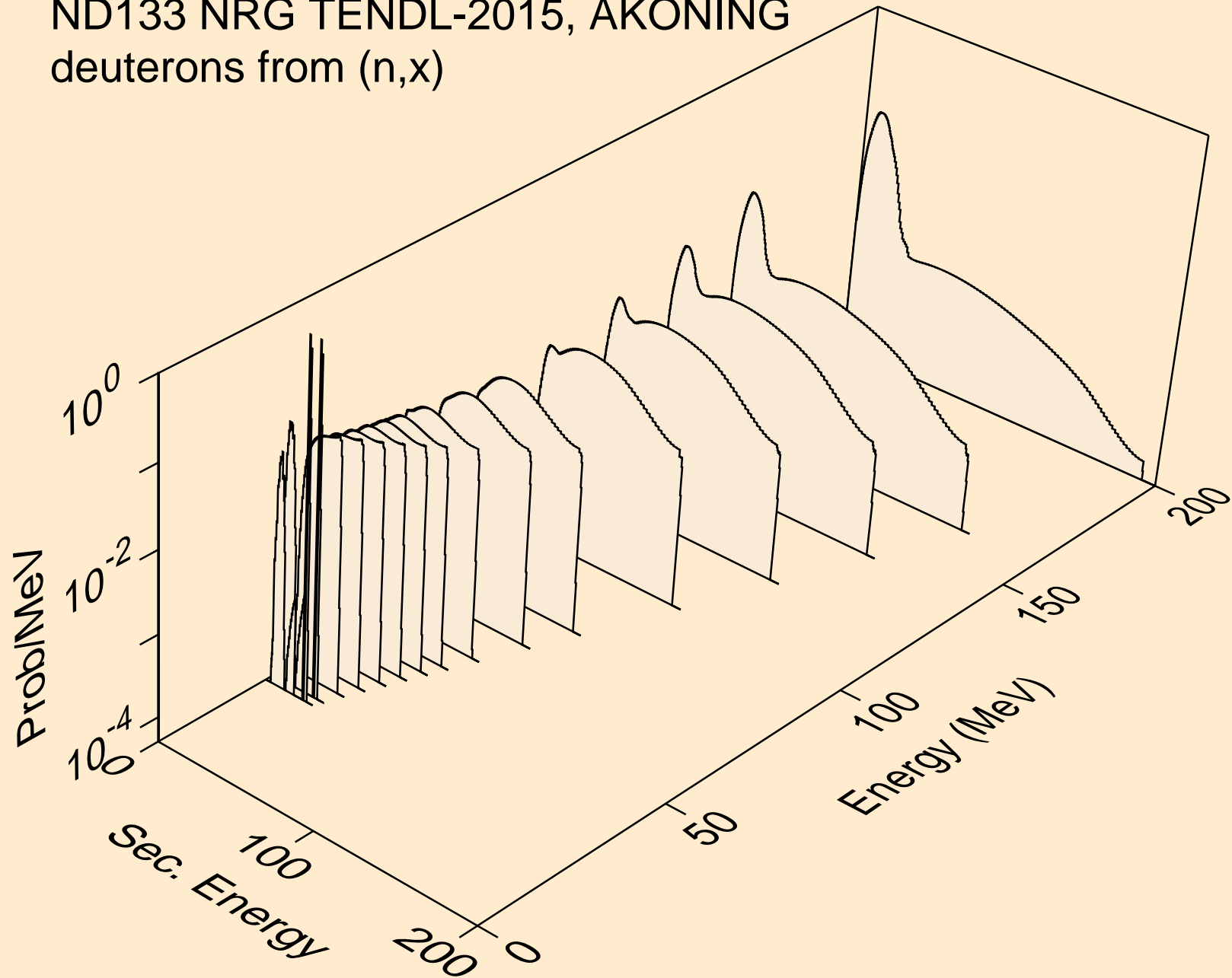
ND133 NRG TENDL-2015, AKONING  
protons from (n,pd)



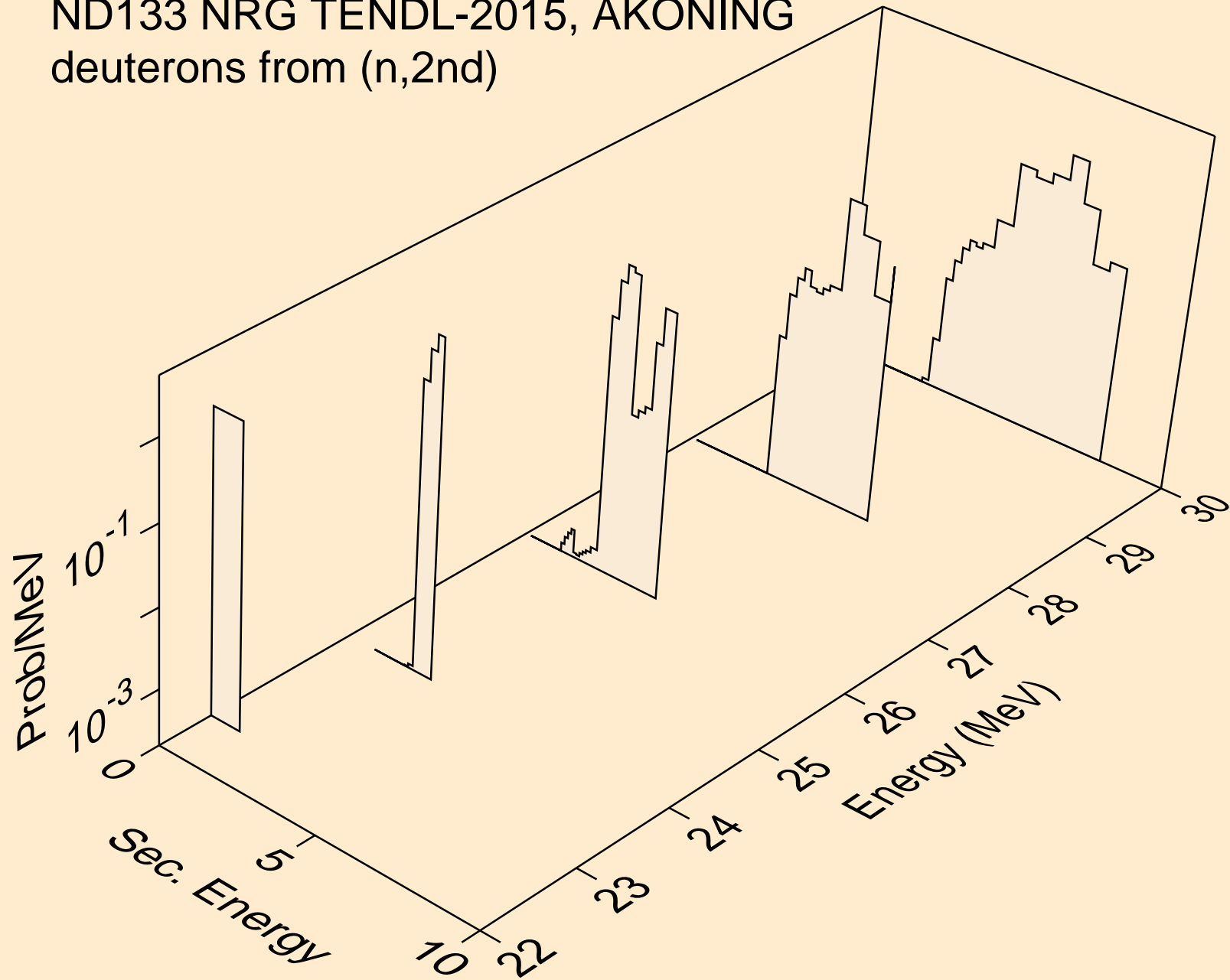
ND133 NRG TENDL-2015, AKONING  
protons from (n,pt)



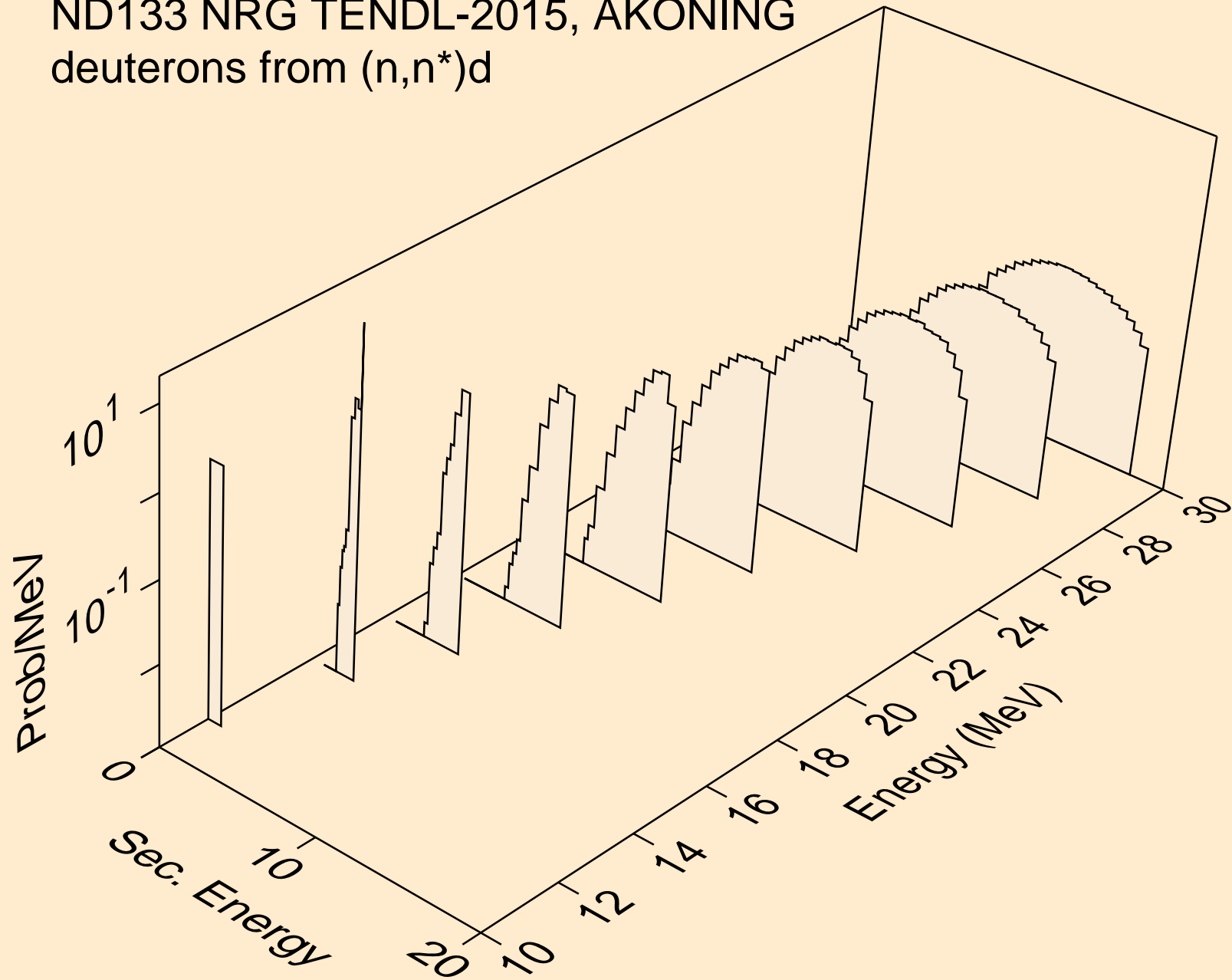
ND133 NRG TENDL-2015, AKONING  
deuterons from (n,x)



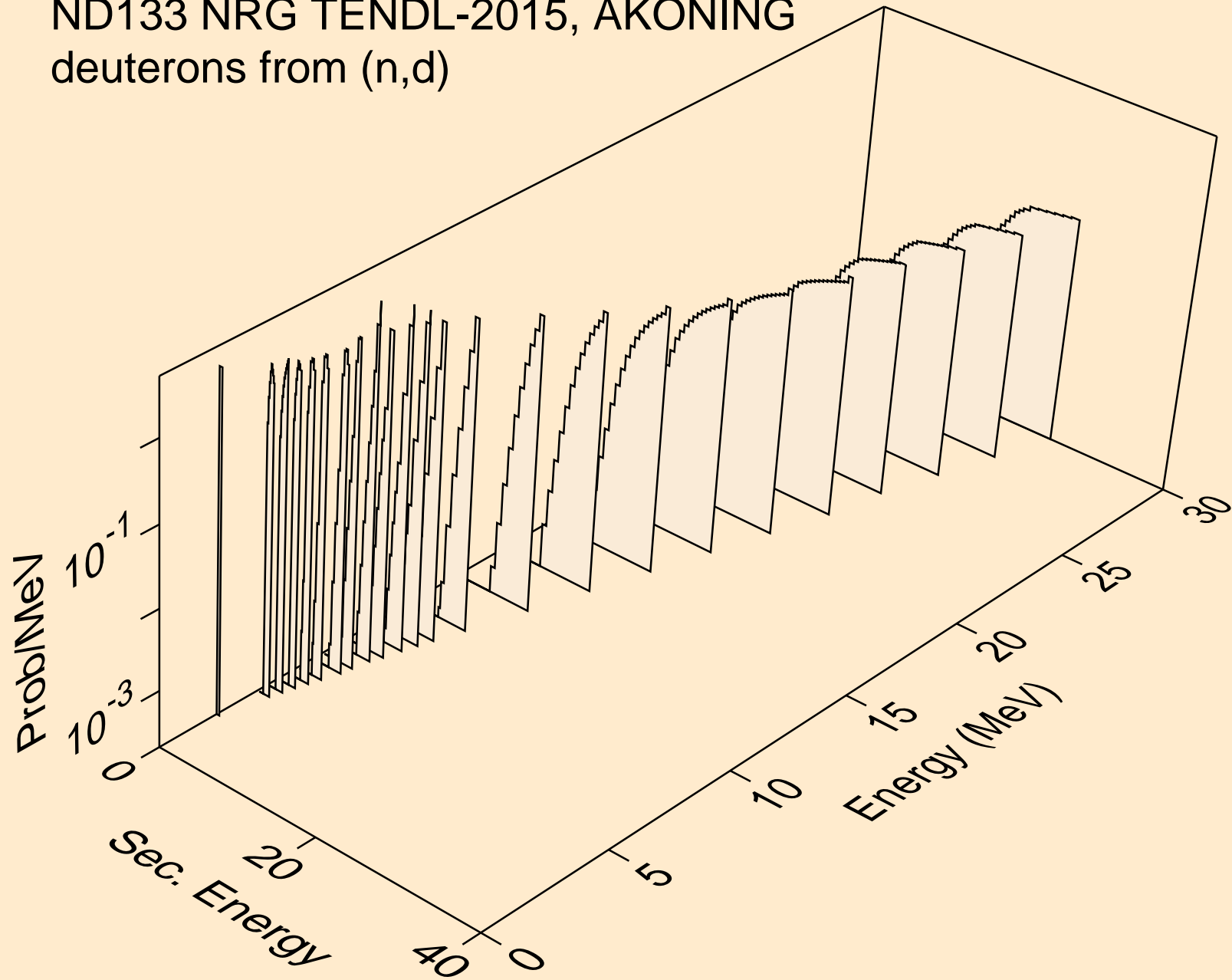
ND133 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



ND133 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

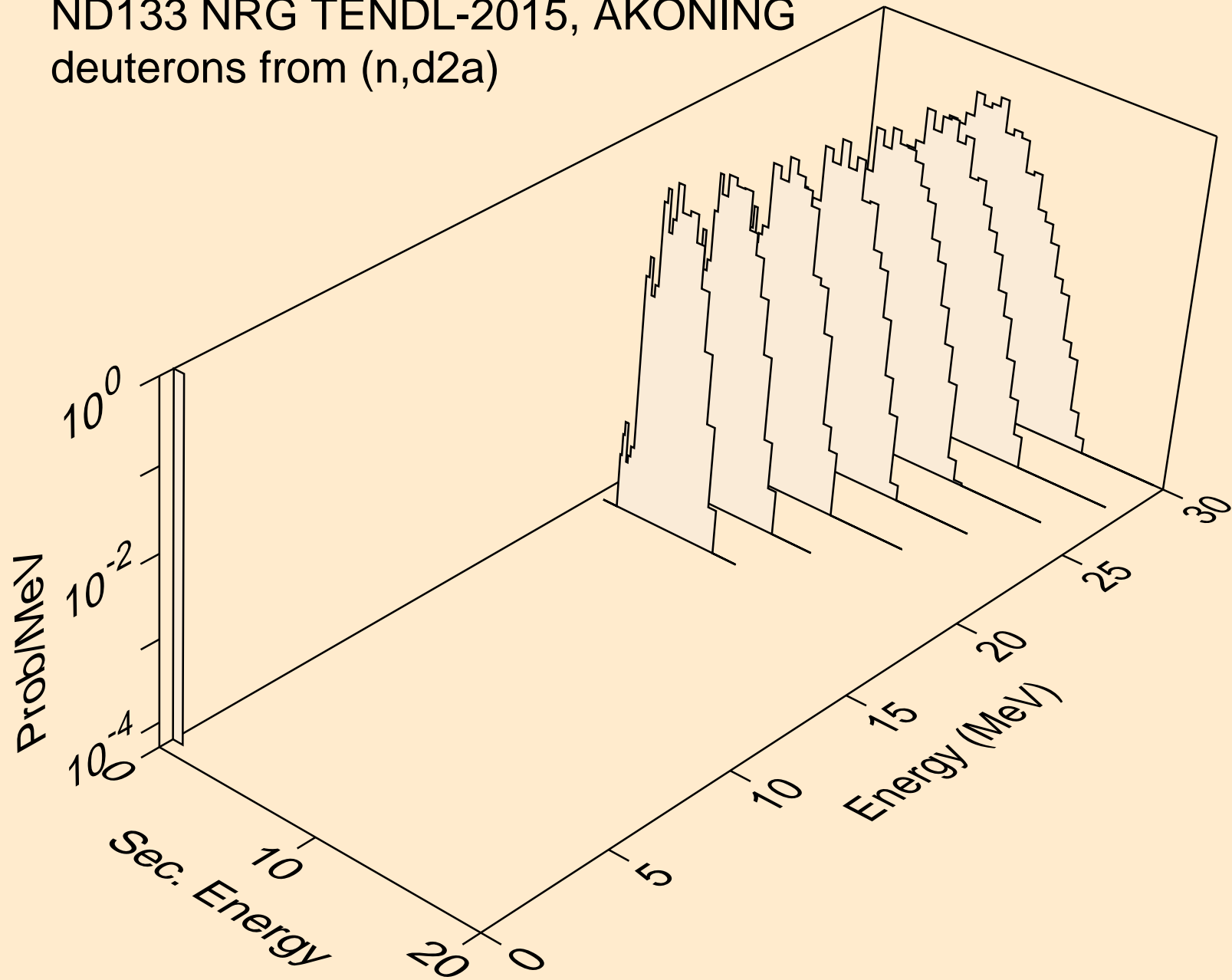


ND133 NRG TENDL-2015, AKONING  
deuterons from (n,d)

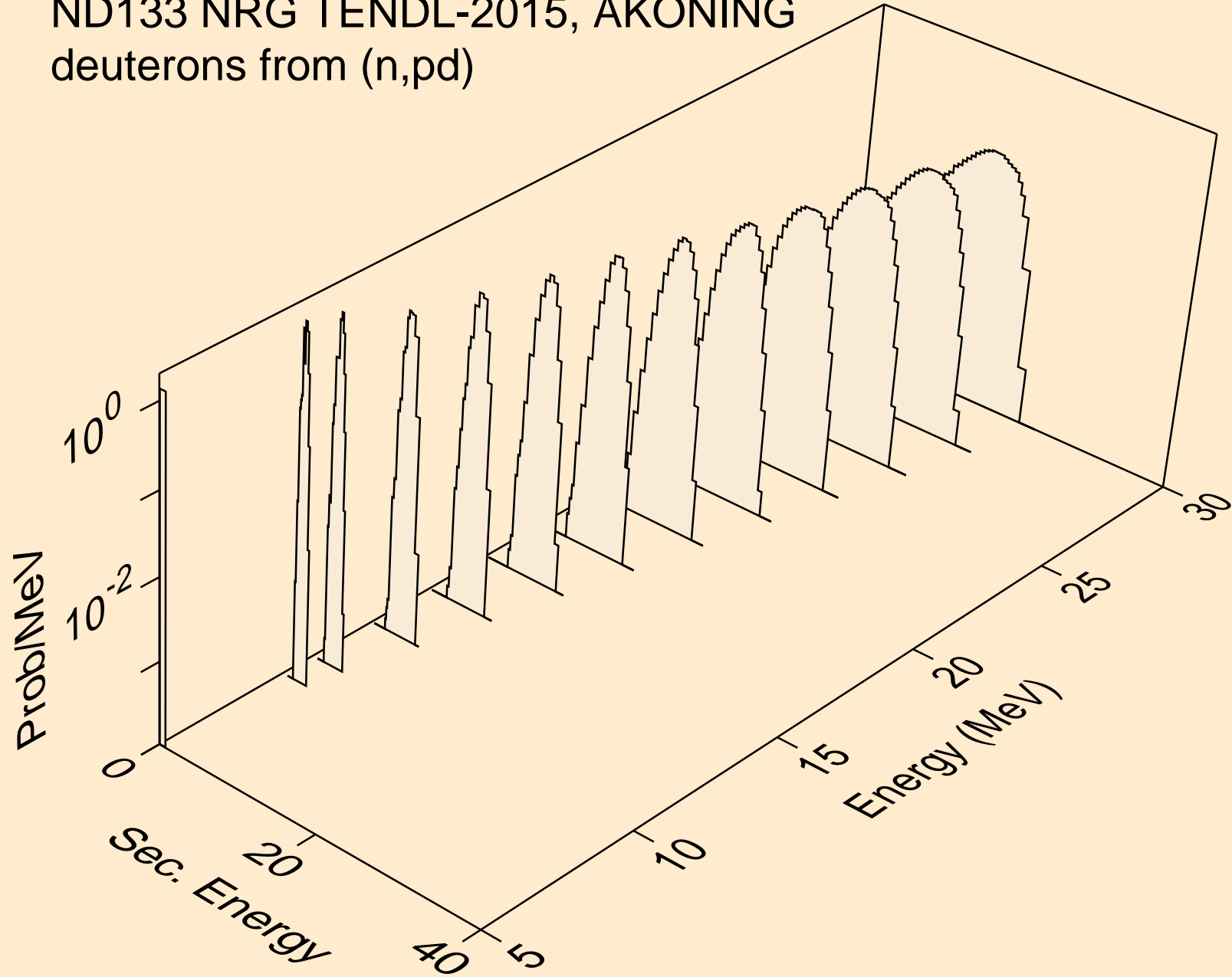




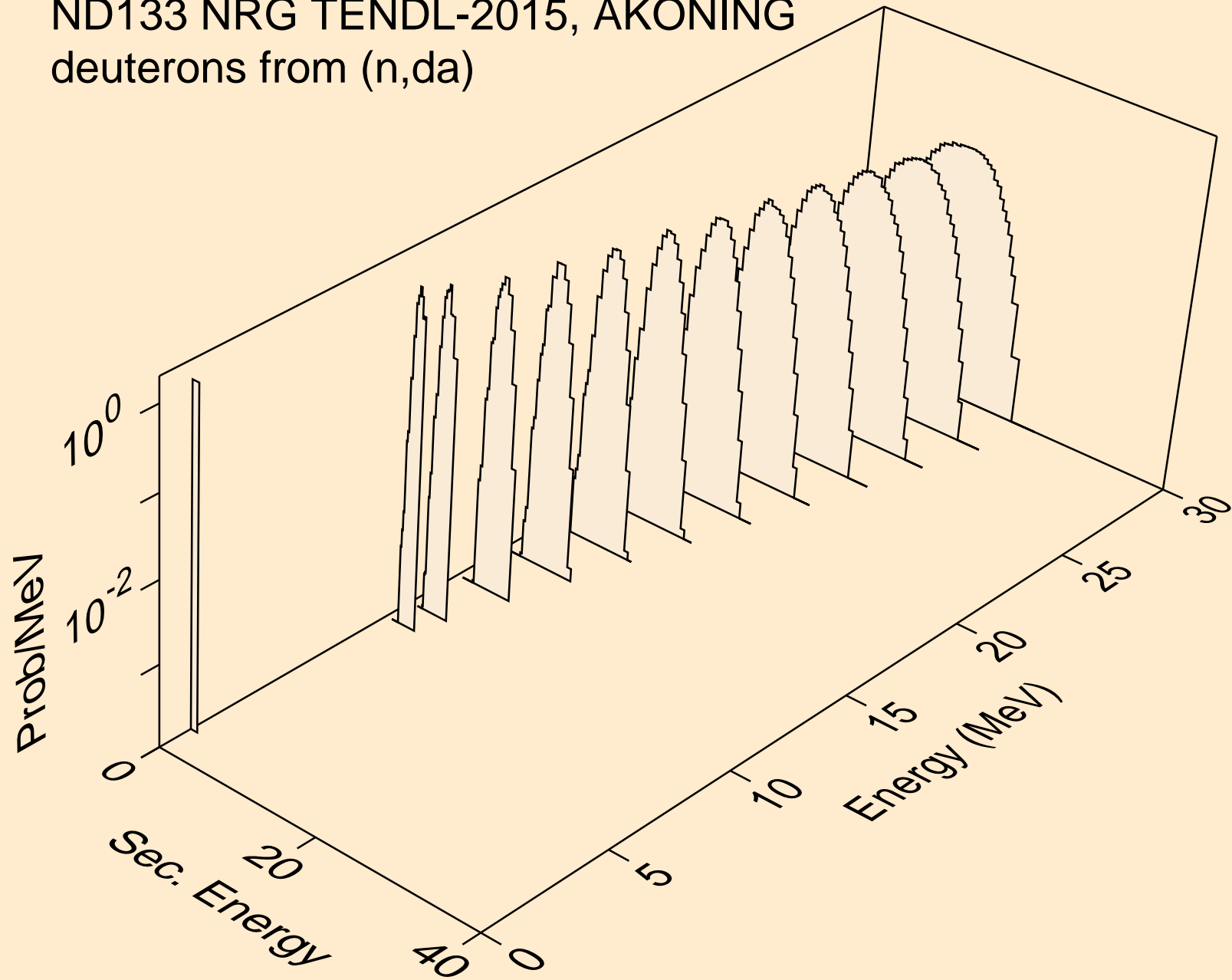
ND133 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



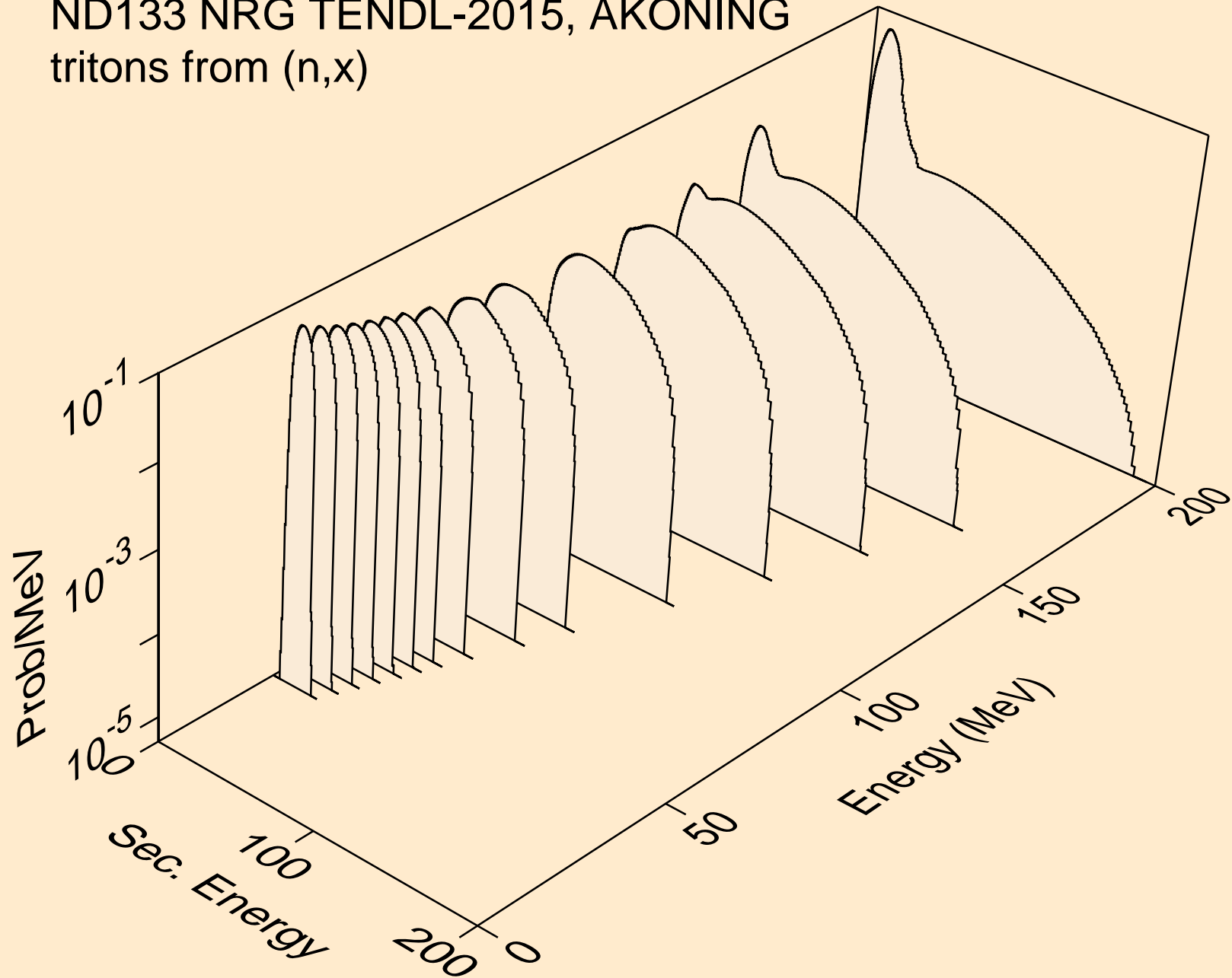
ND133 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



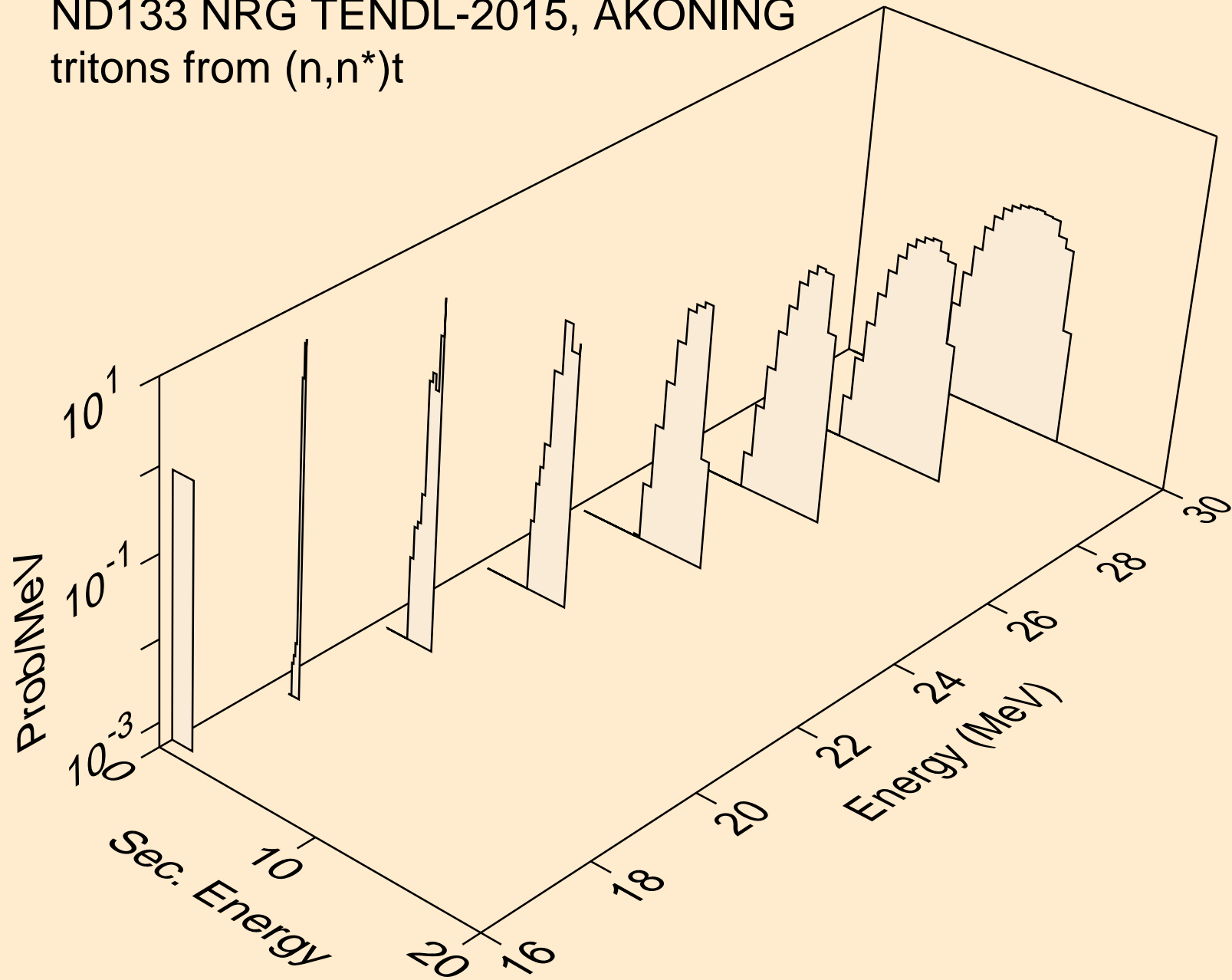
ND133 NRG TENDL-2015, AKONING  
deuterons from (n,da)



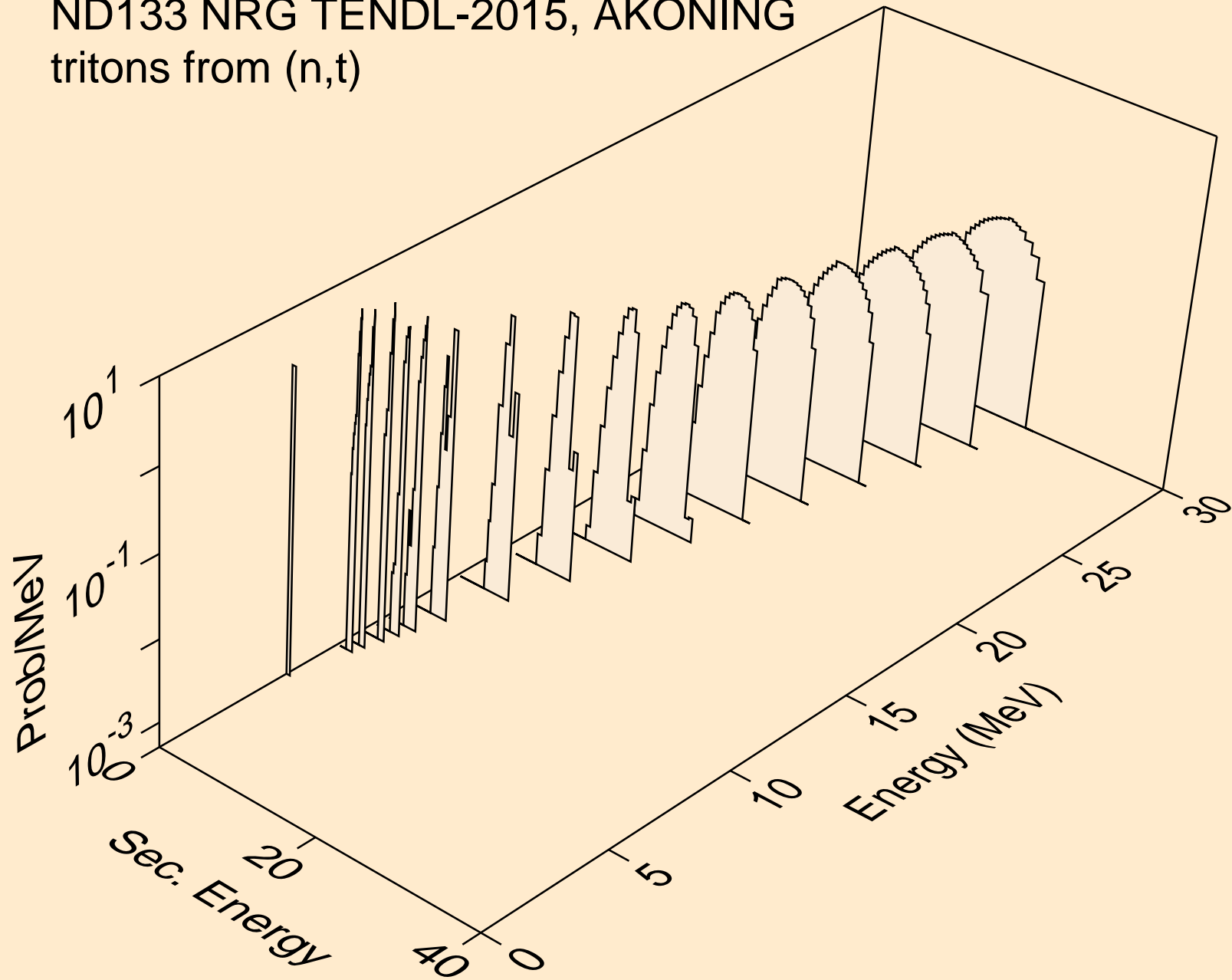
ND133 NRG TENDL-2015, AKONING  
tritons from (n,x)



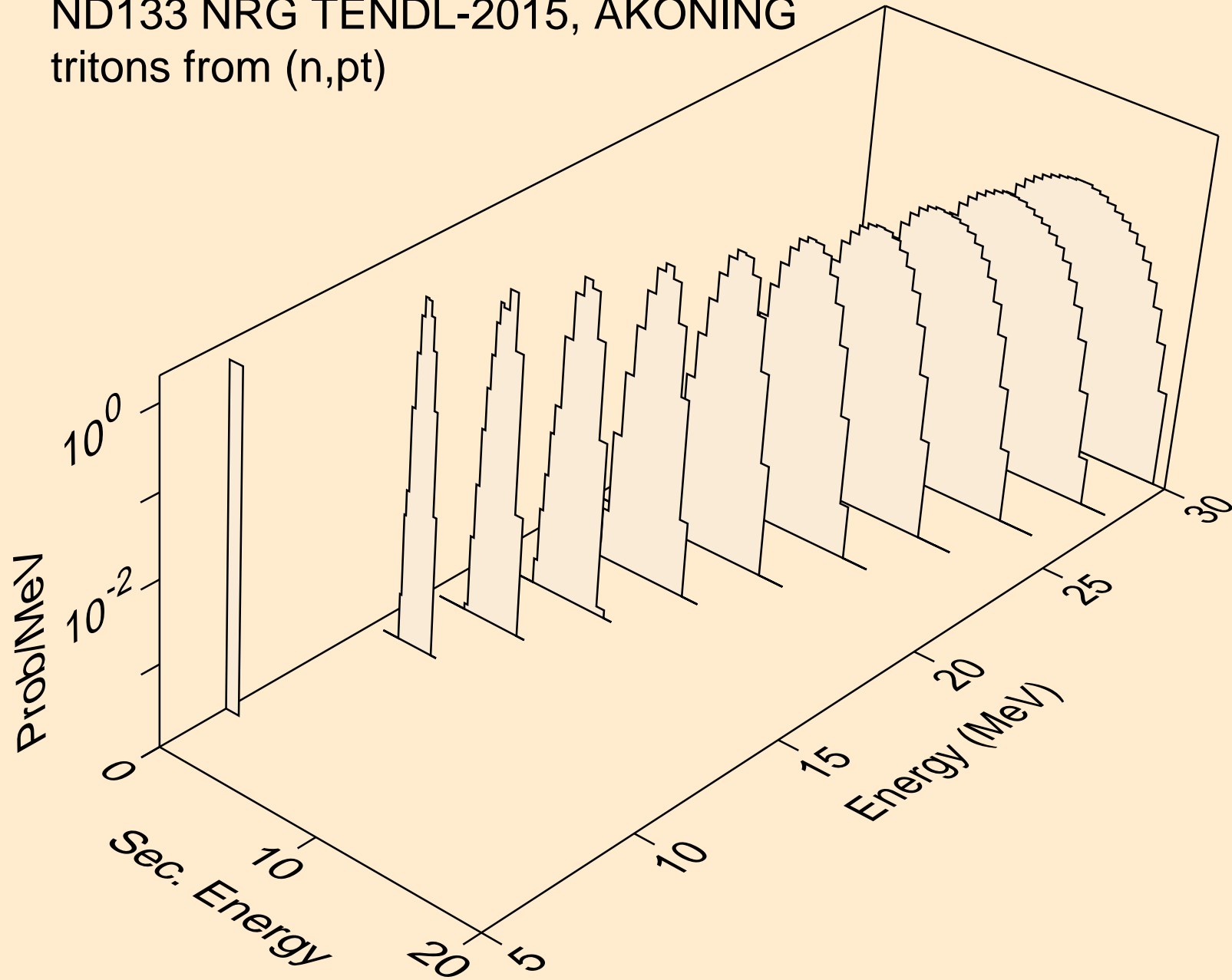
ND133 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



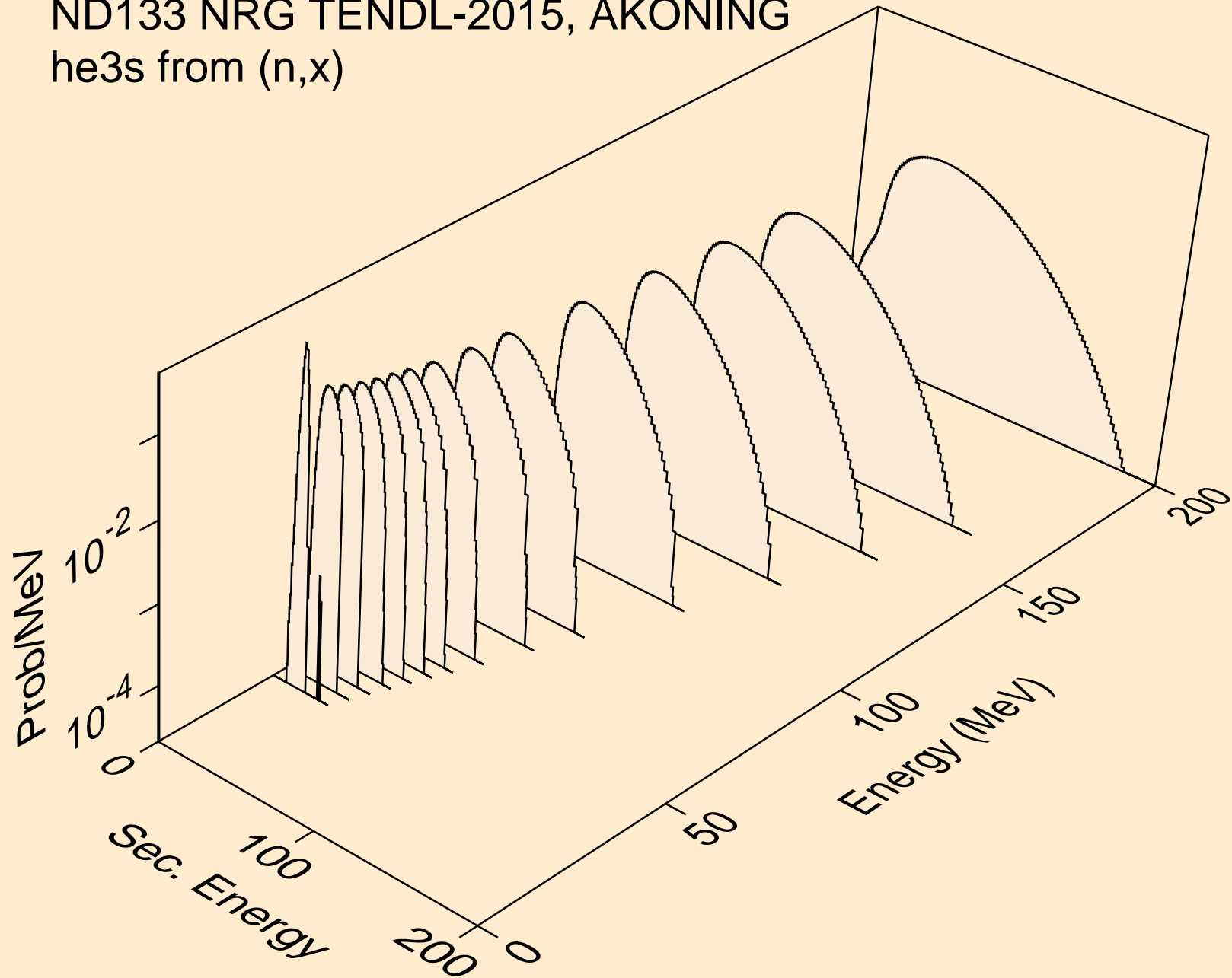
ND133 NRG TENDL-2015, AKONING  
tritons from (n,t)



ND133 NRG TENDL-2015, AKONING  
tritons from (n,pt)

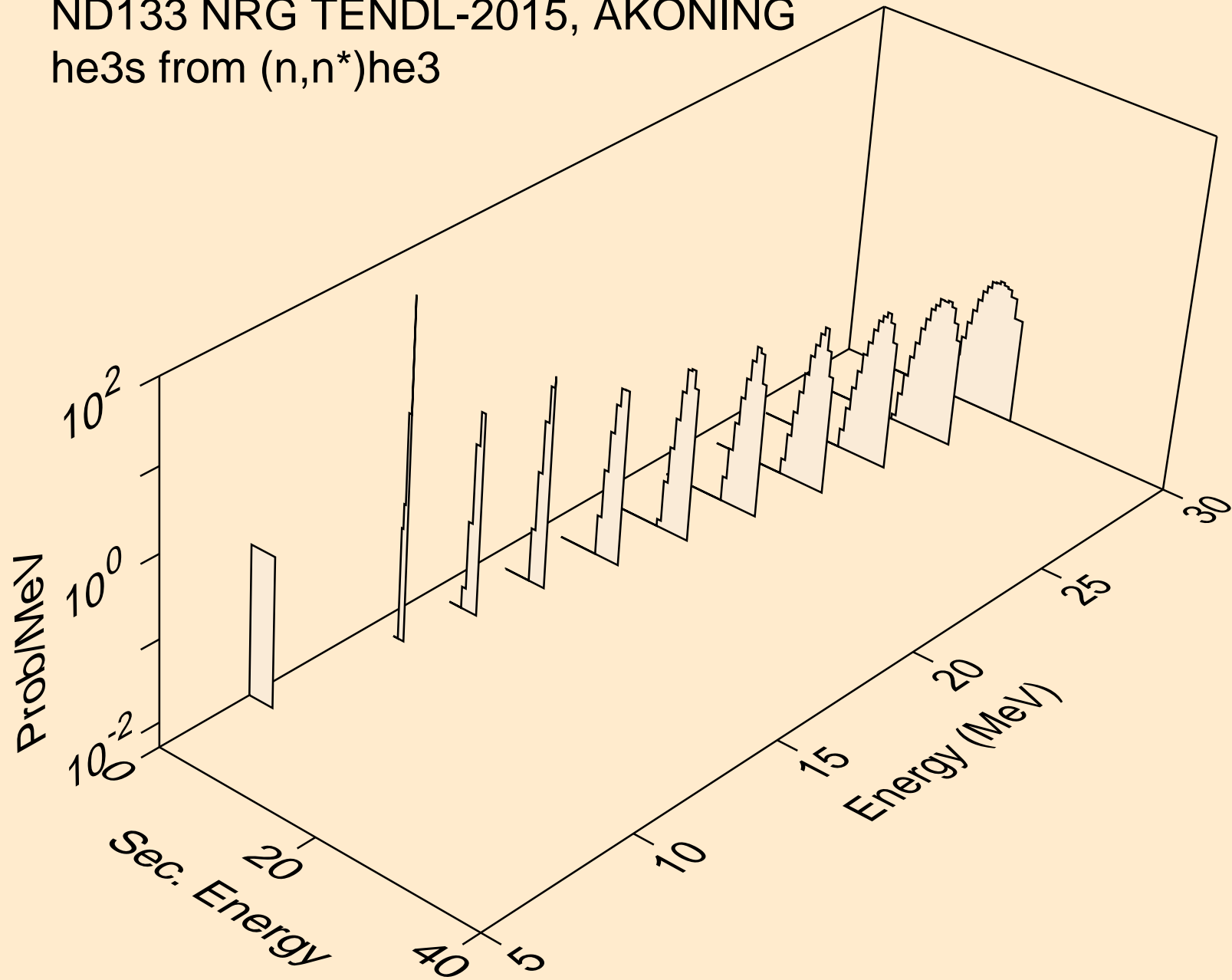


ND133 NRG TENDL-2015, AKONING  
he3s from (n,x)

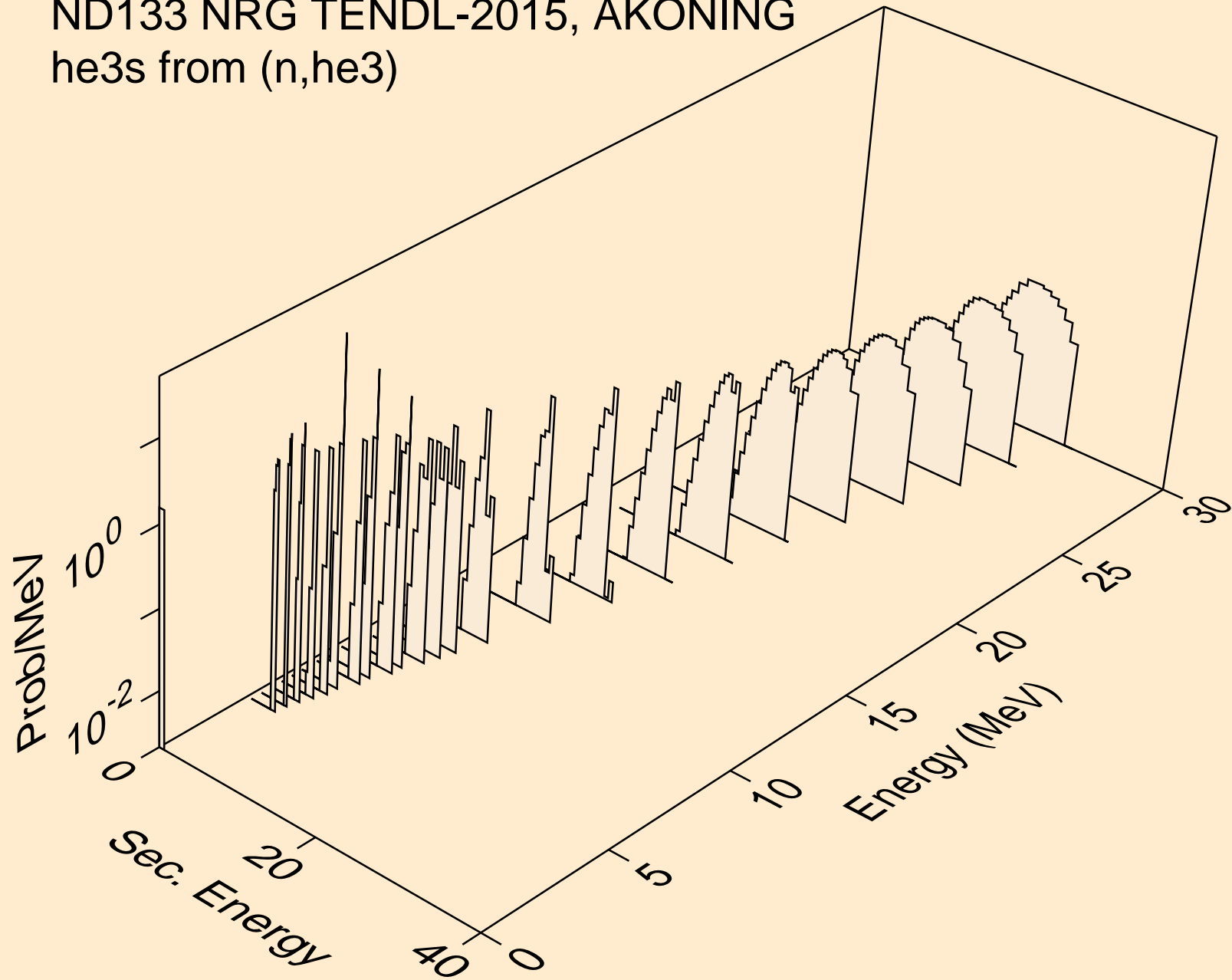




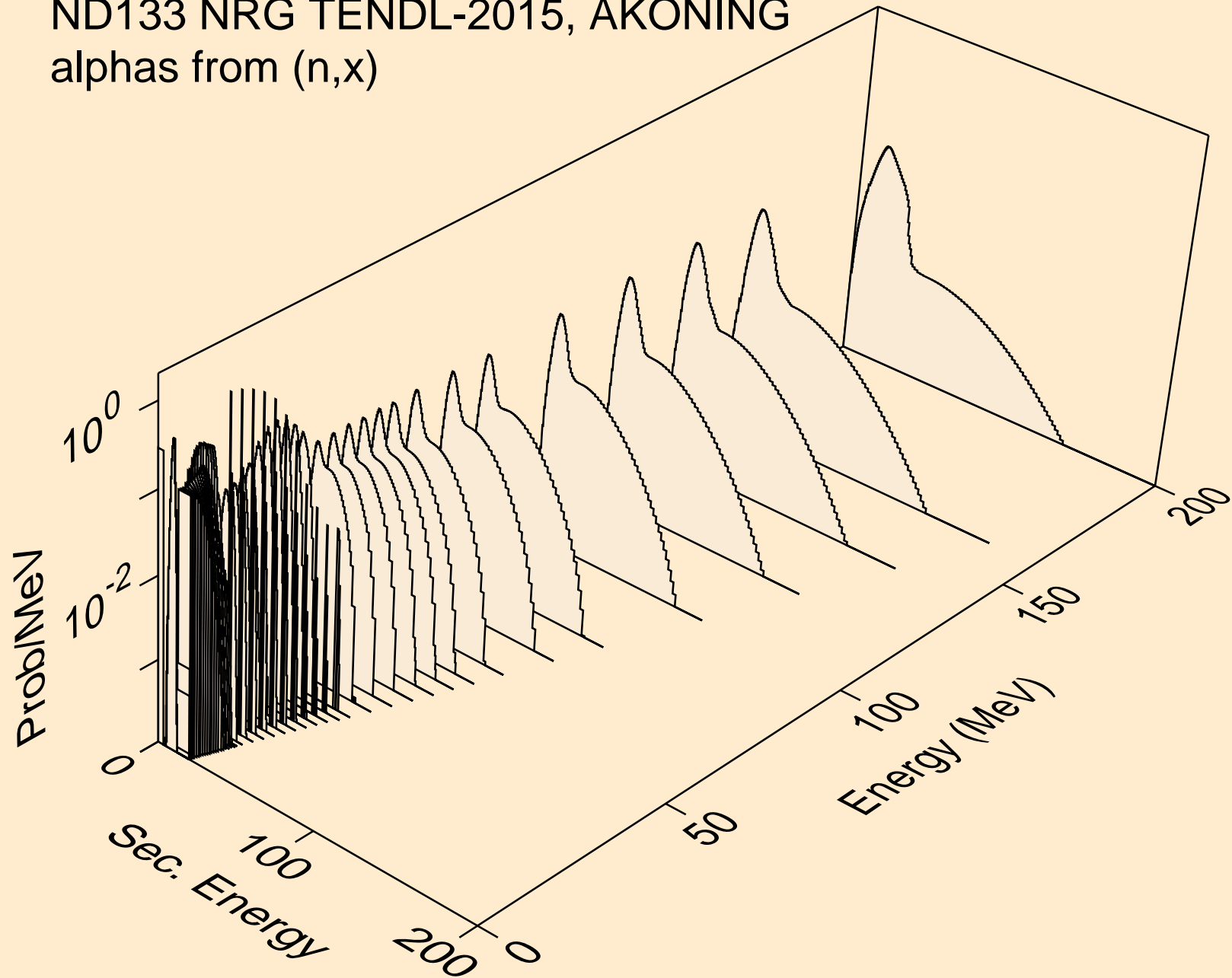
ND133 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



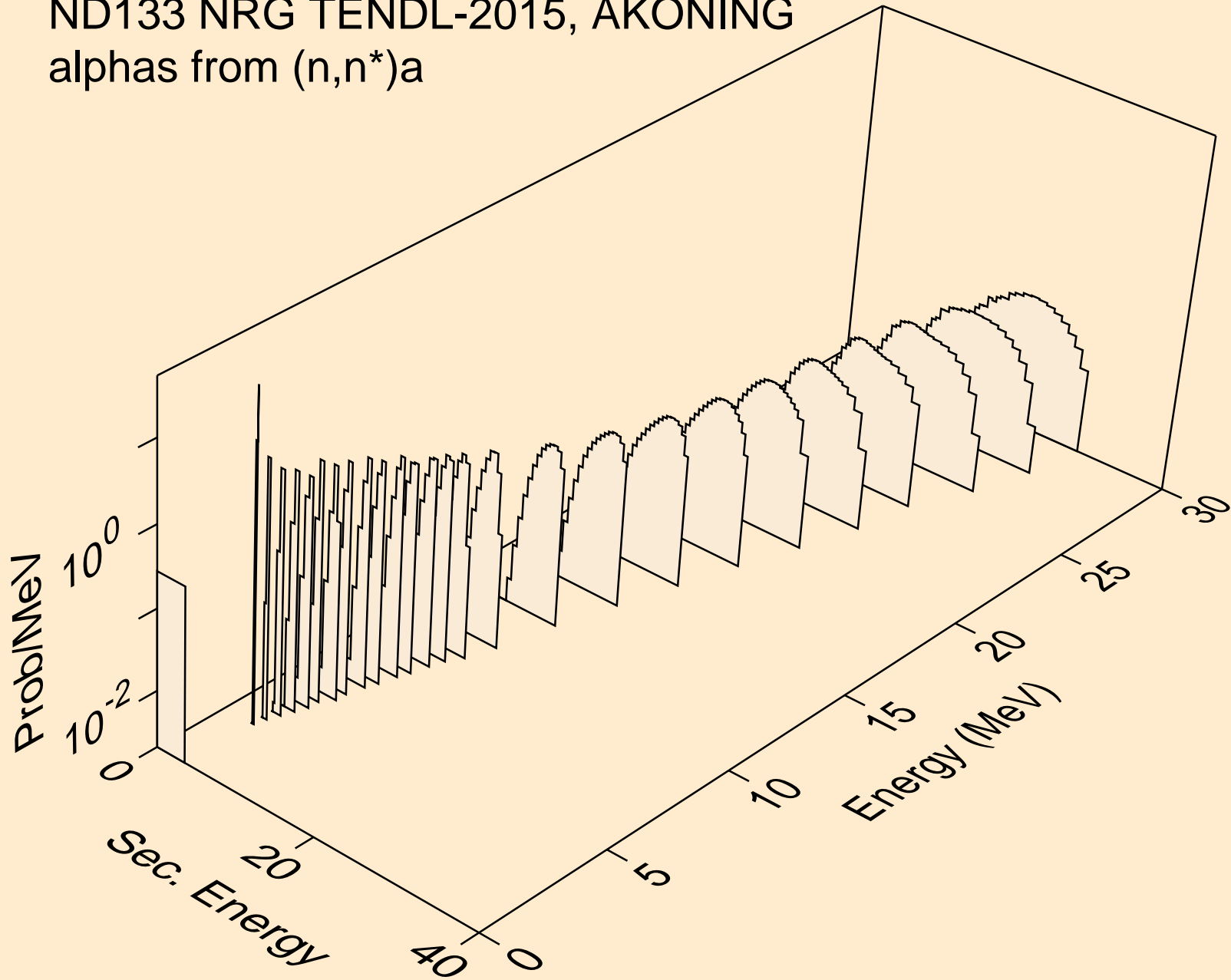
ND133 NRG TENDL-2015, AKONING  
he3s from (n,he3)



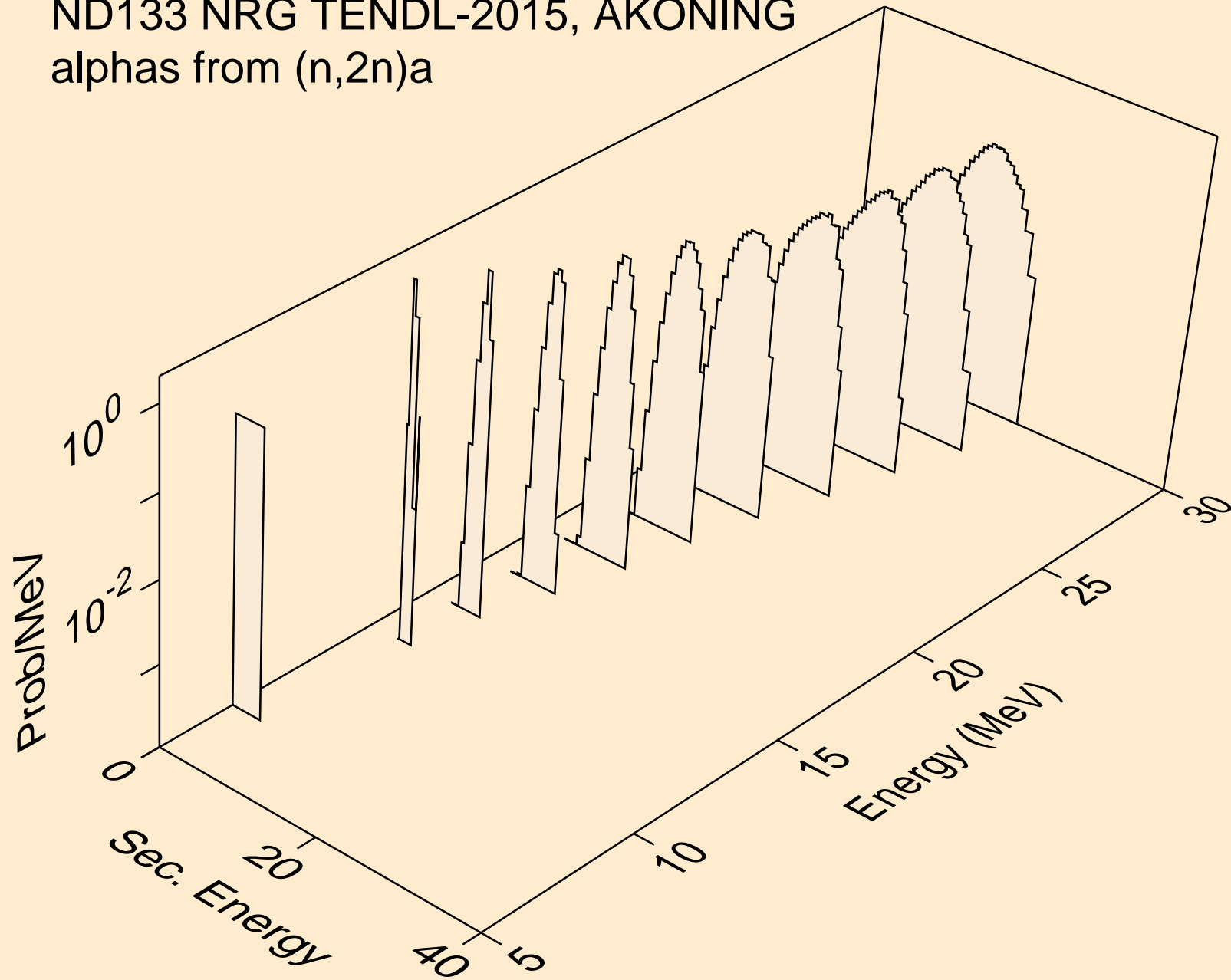
ND133 NRG TENDL-2015, AKONING  
alphas from (n,x)



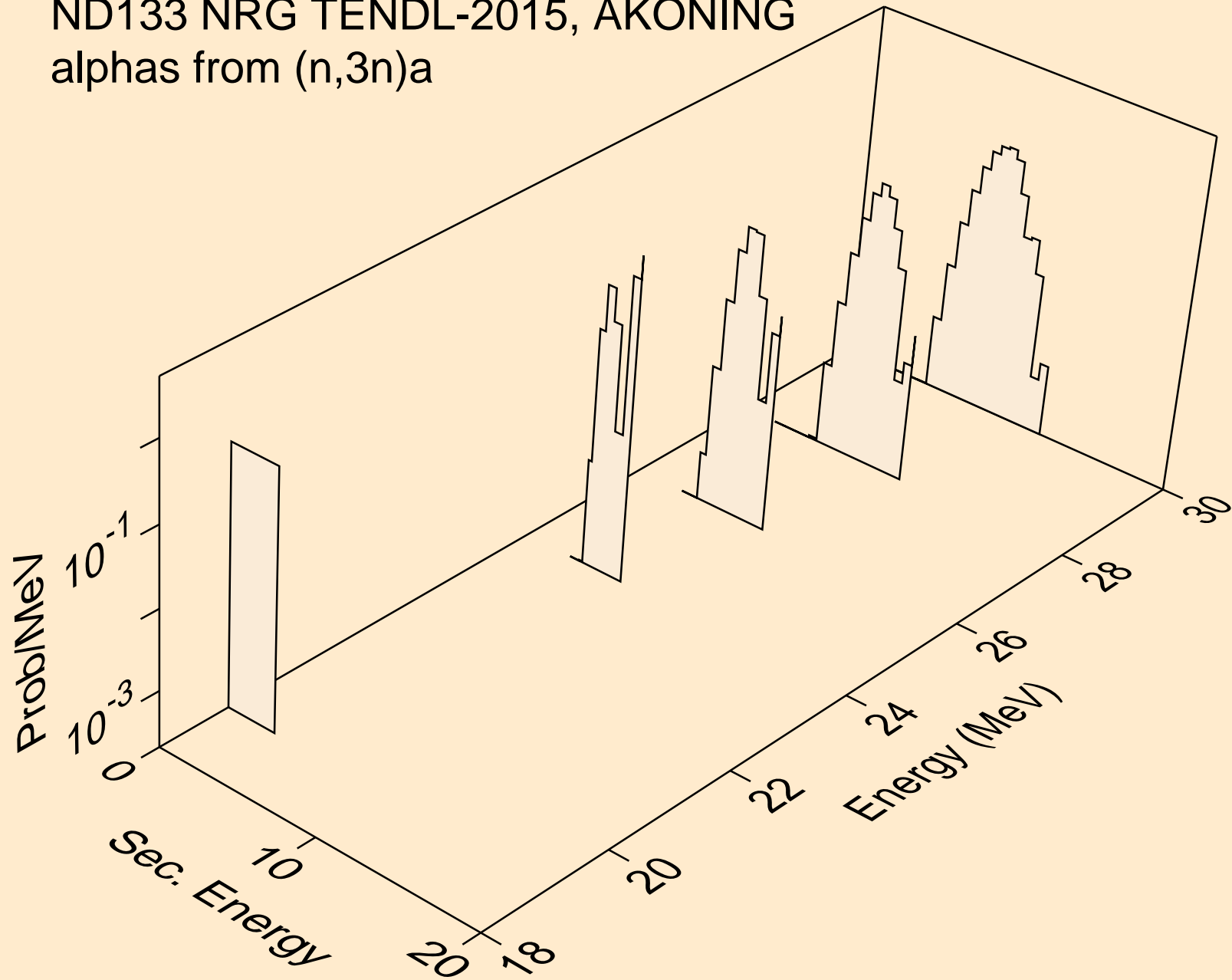
ND133 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



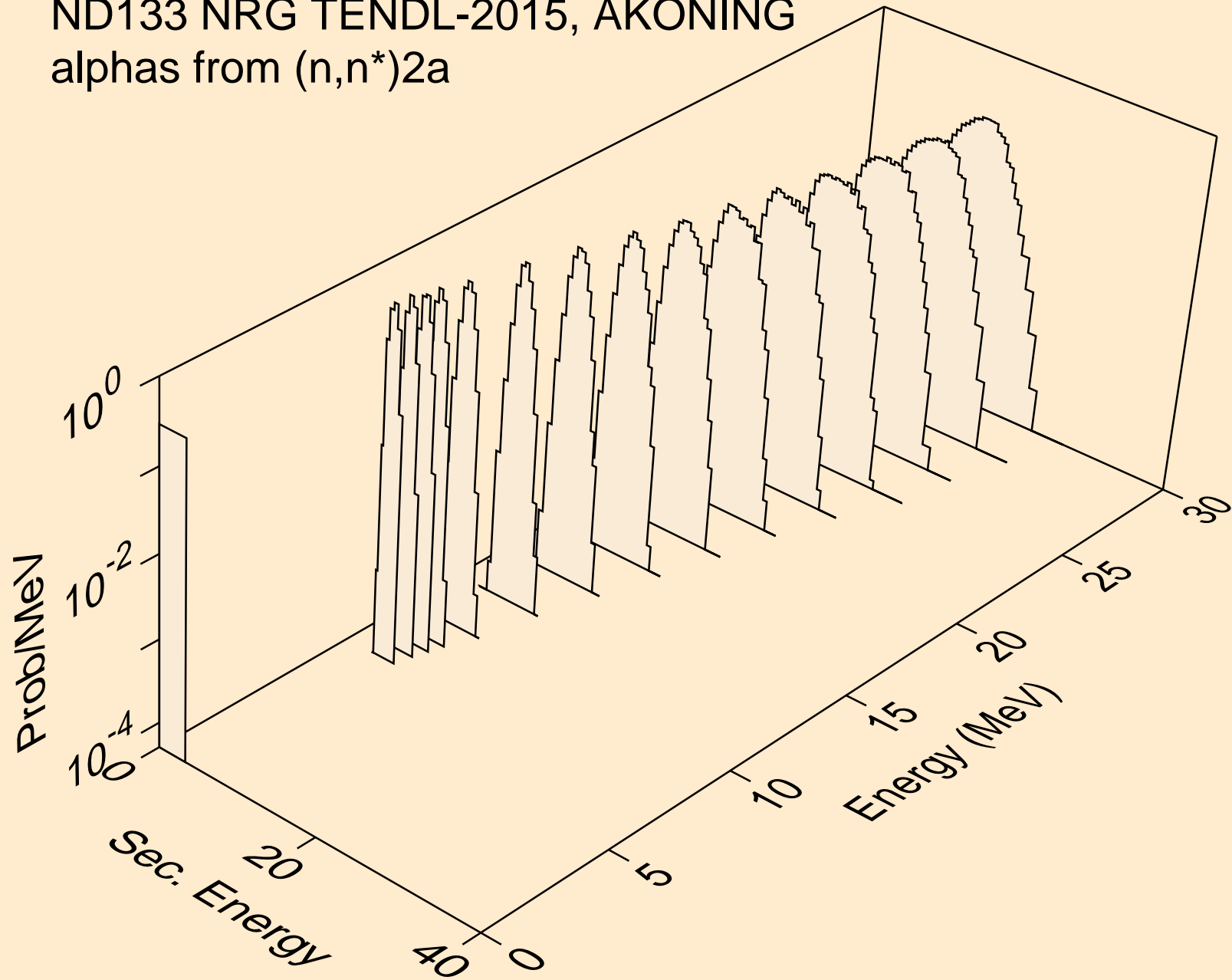
ND133 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



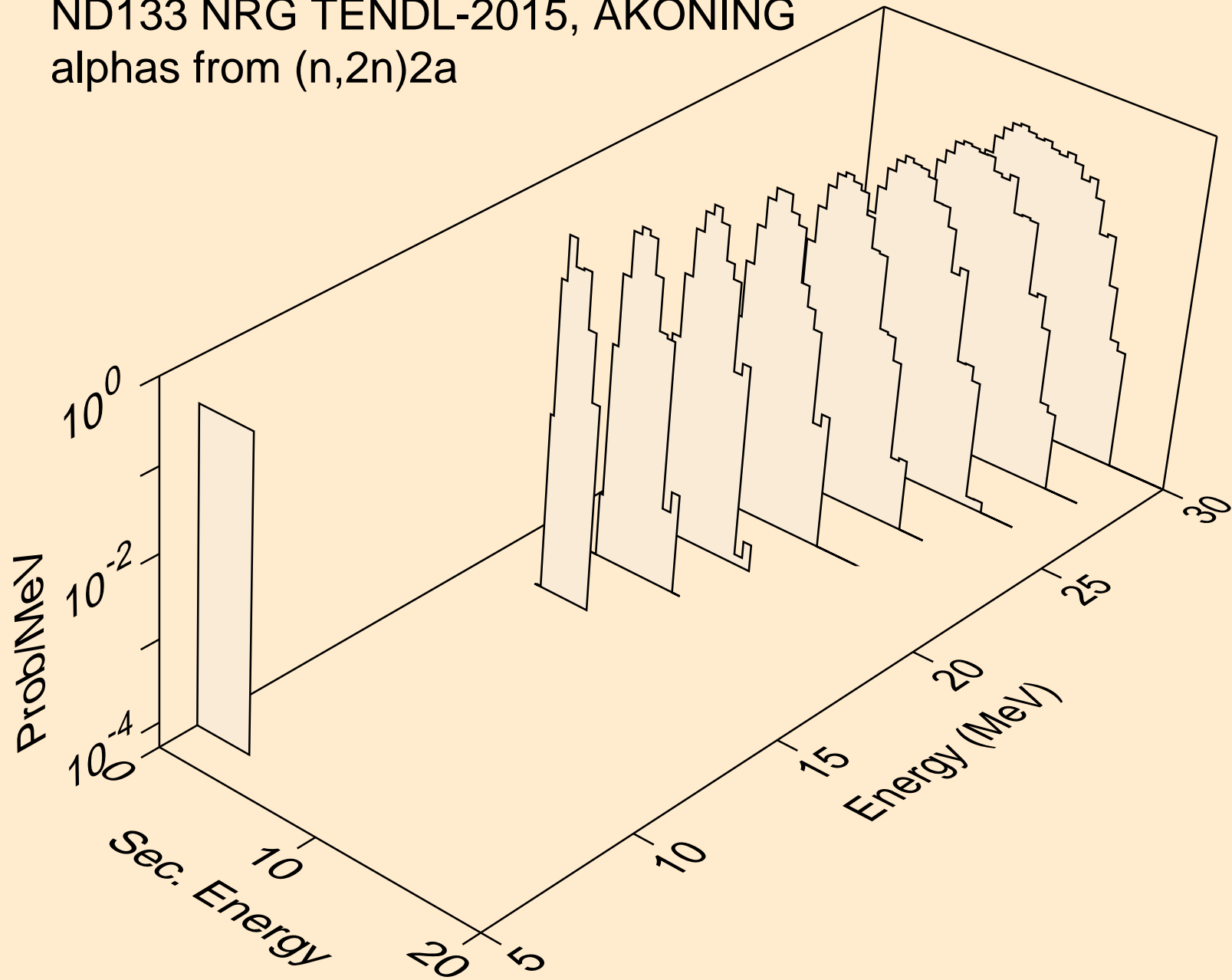
ND133 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



ND133 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

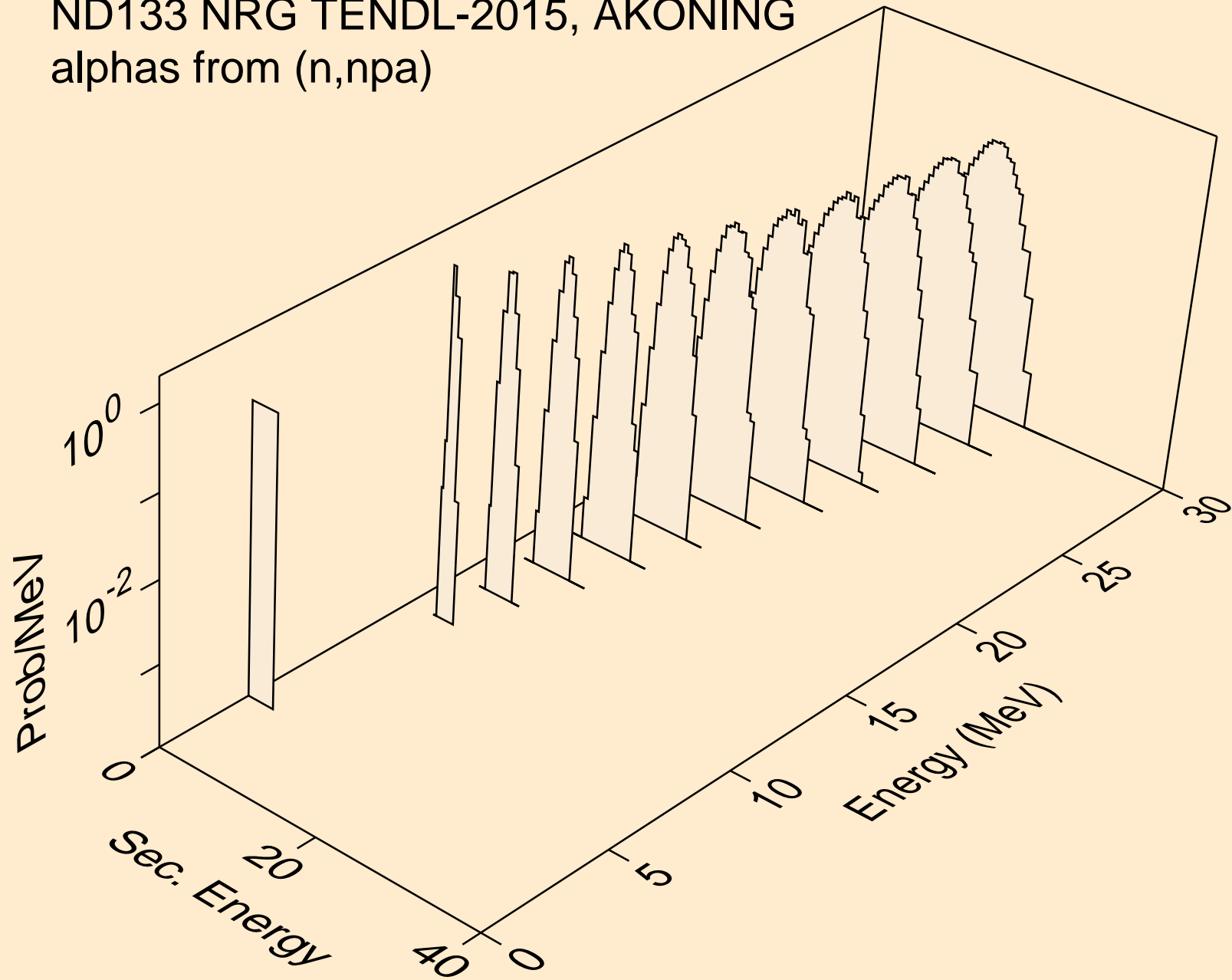


ND133 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

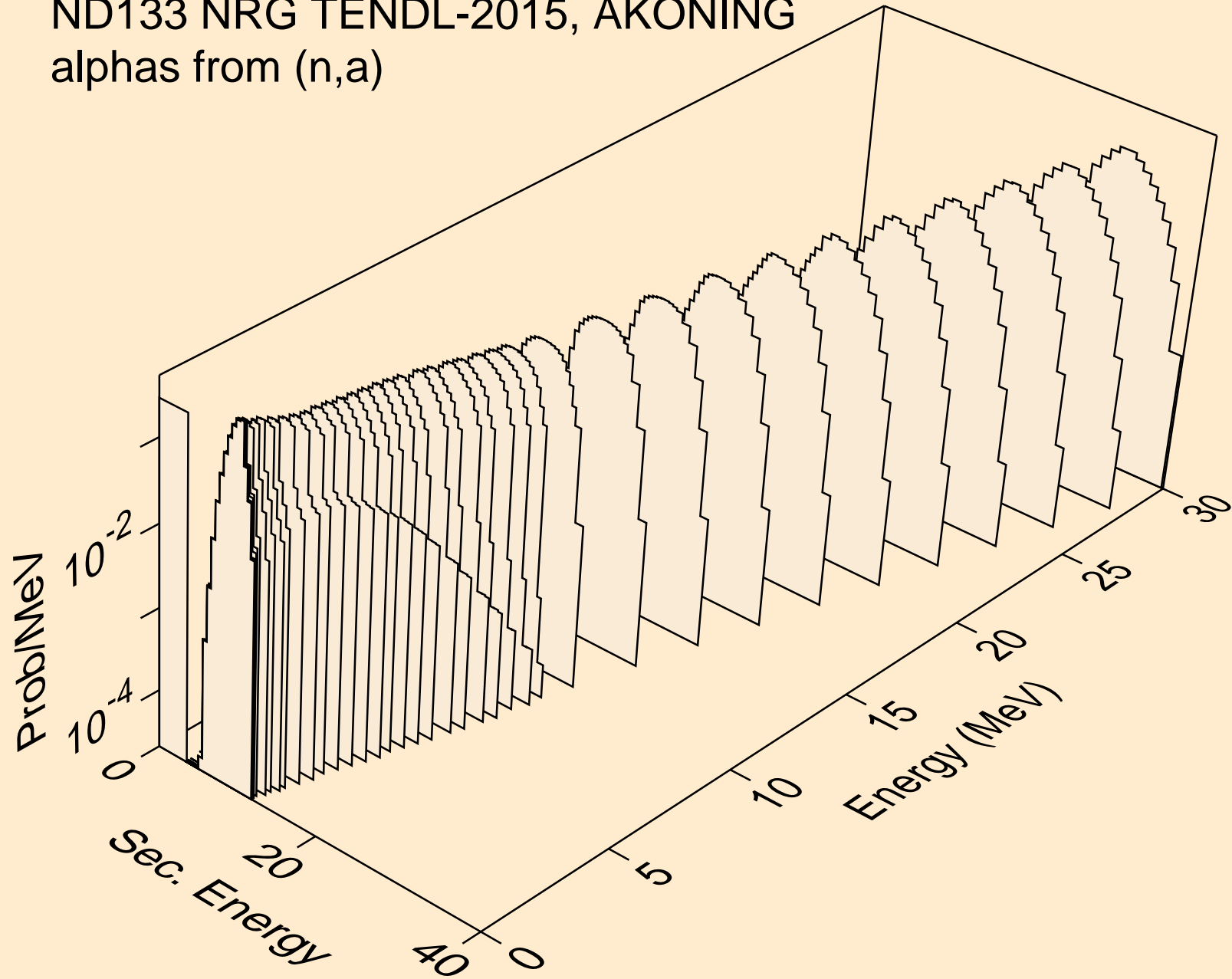




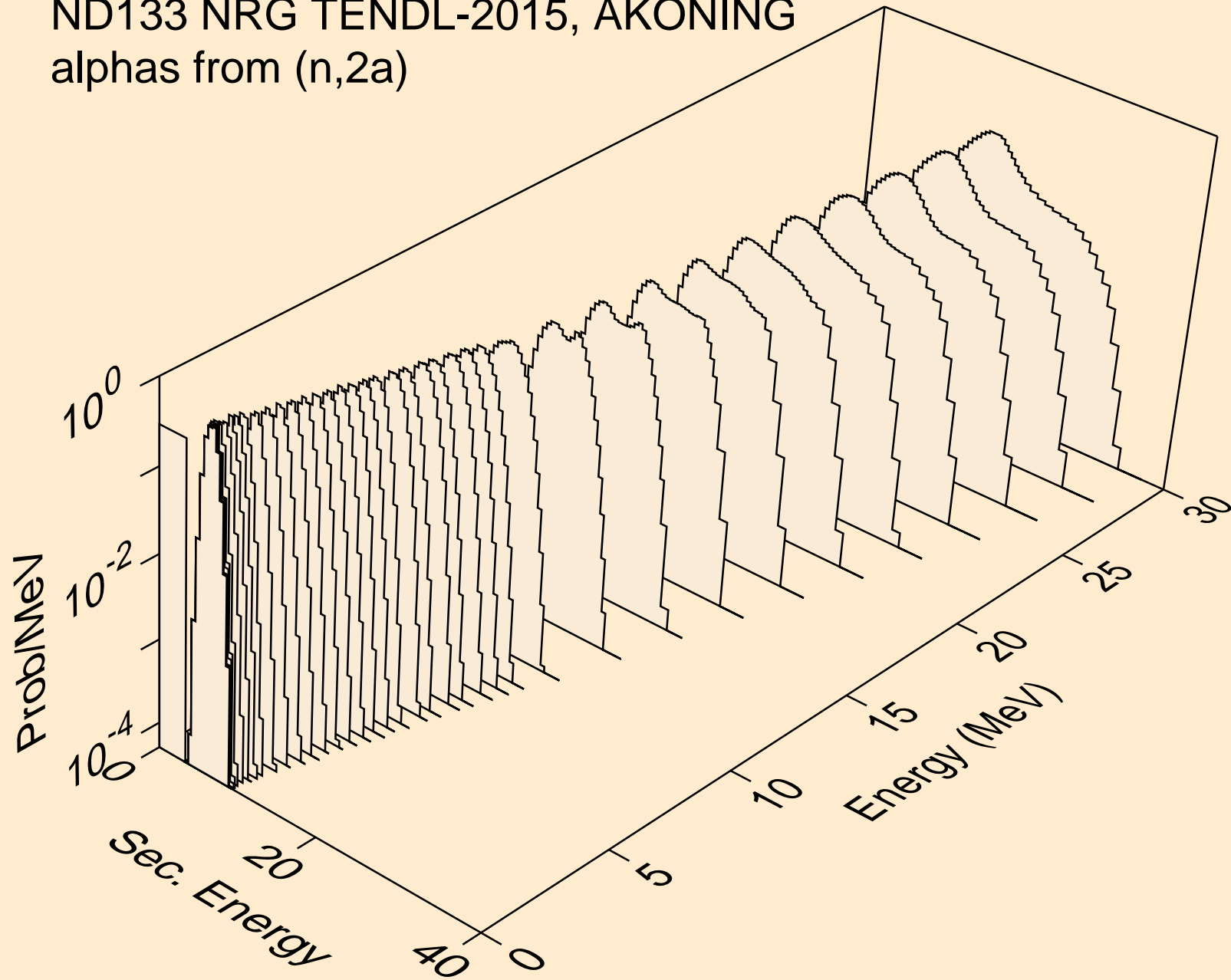
ND133 NRG TENDL-2015, AKONING  
alphas from (n,npa)



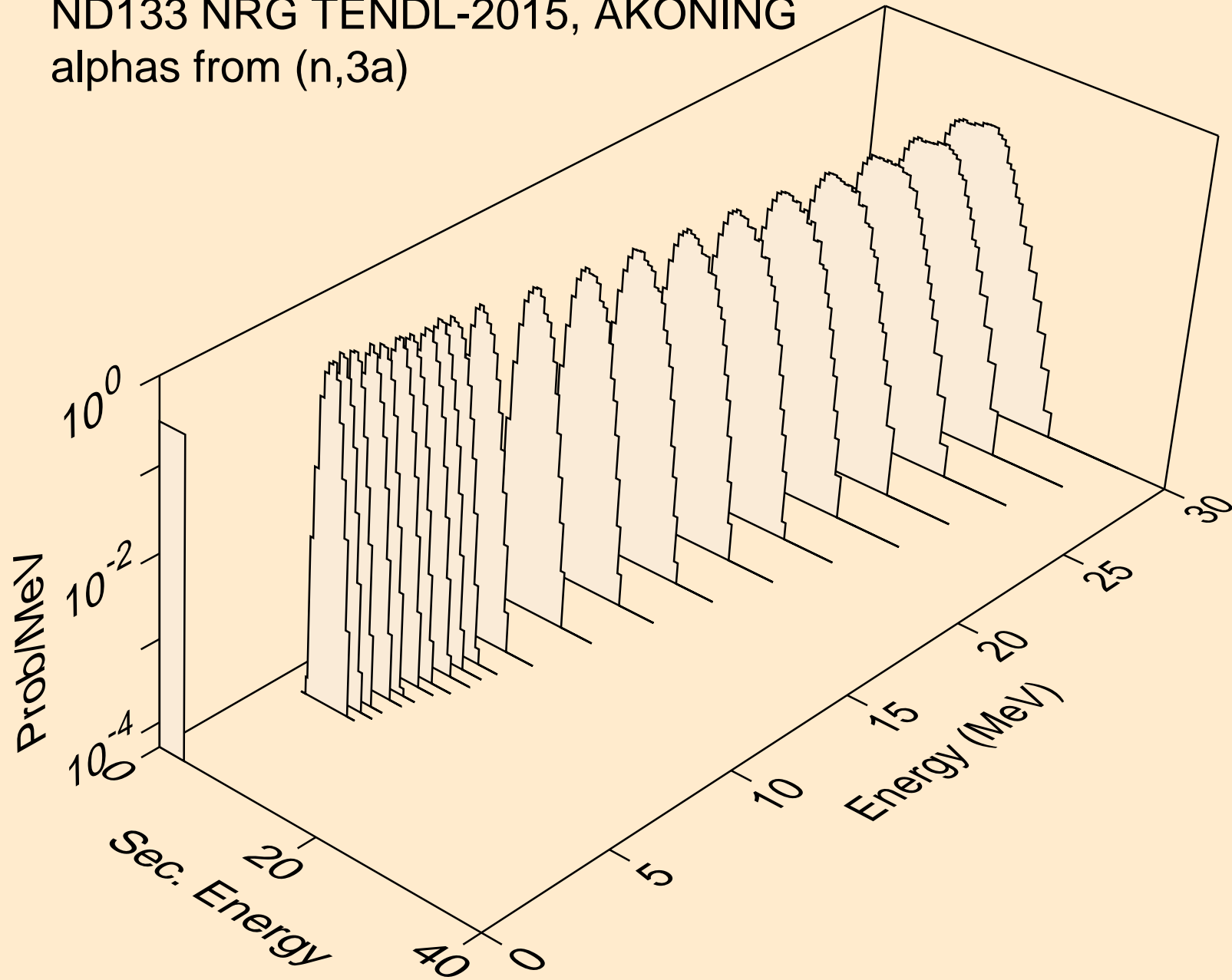
ND133 NRG TENDL-2015, AKONING  
alphas from (n,a)



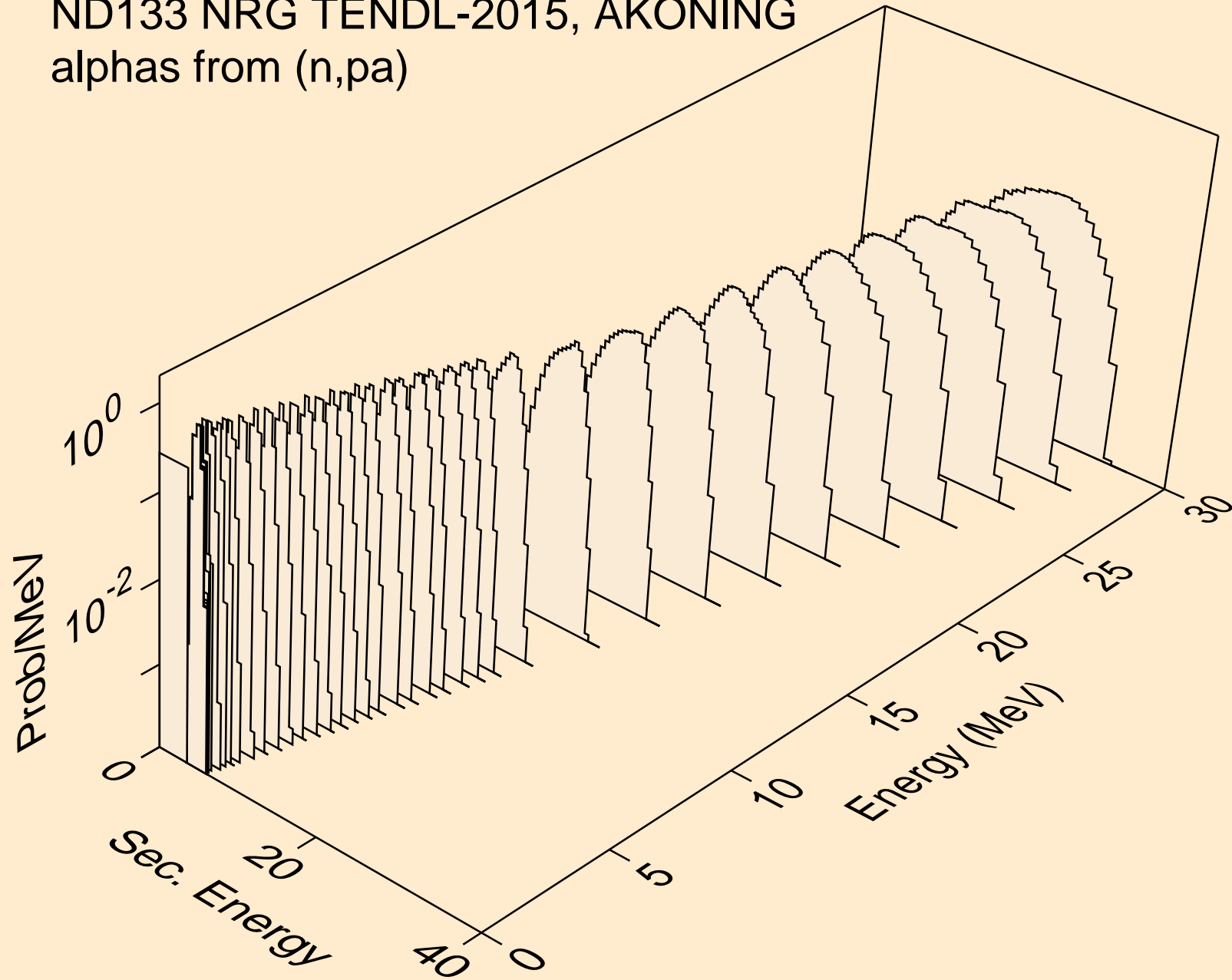
ND133 NRG TENDL-2015, AKONING  
alphas from (n,2a)



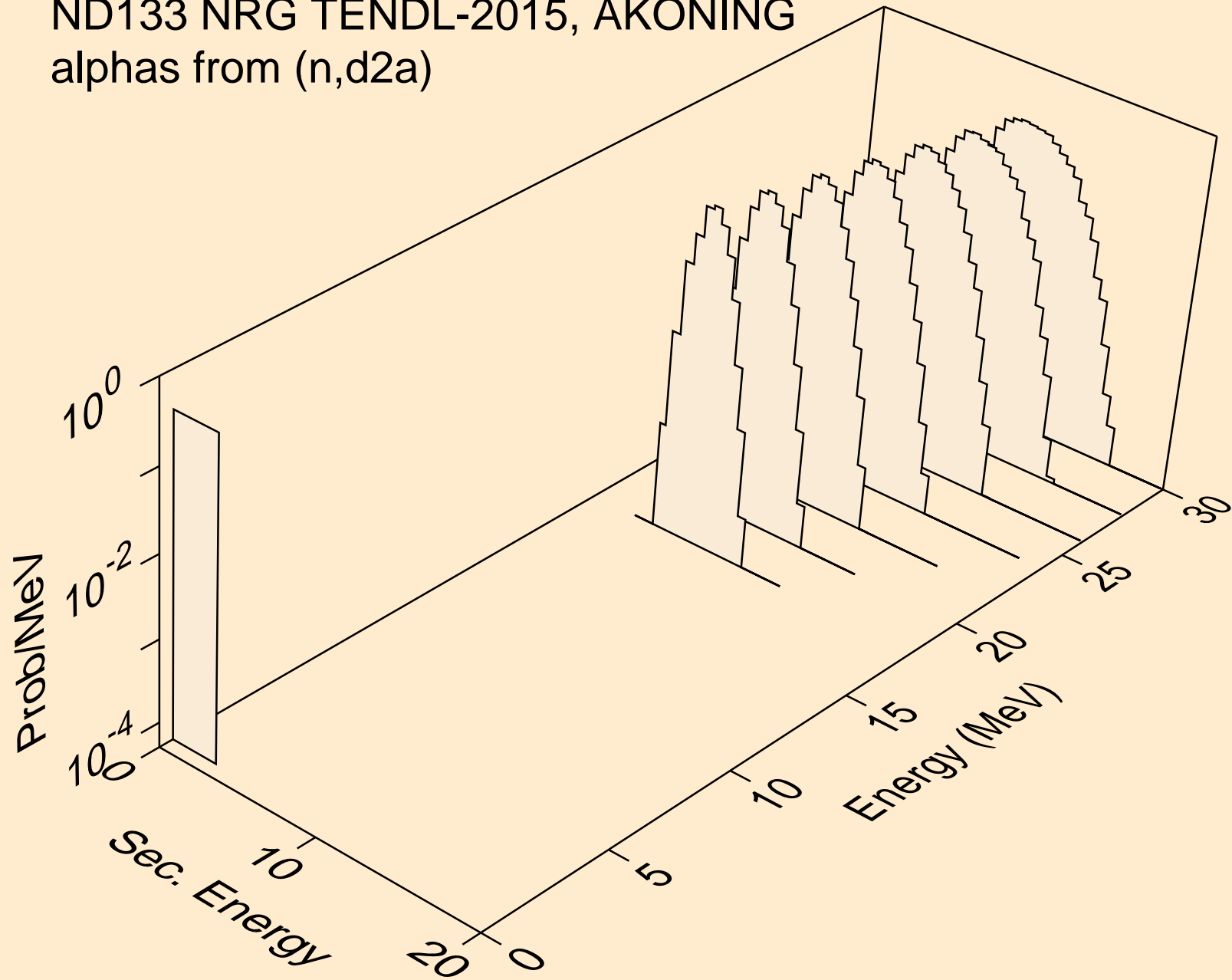
ND133 NRG TENDL-2015, AKONING  
alphas from (n,3a)



ND133 NRG TENDL-2015, AKONING  
alphas from (n,pa)



ND133 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



ND133 NRG TENDL-2015, AKONING  
alphas from (n,da)

