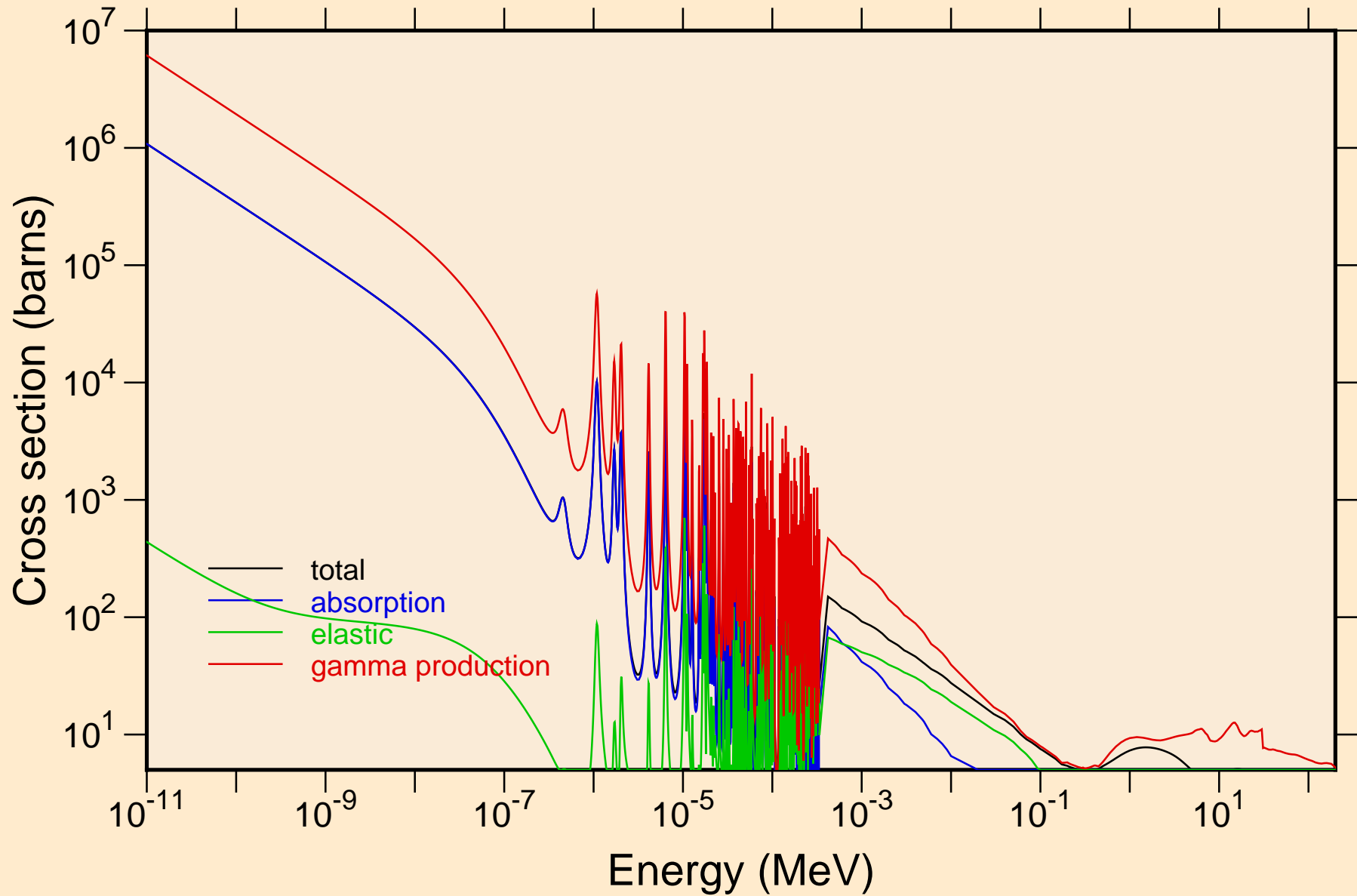
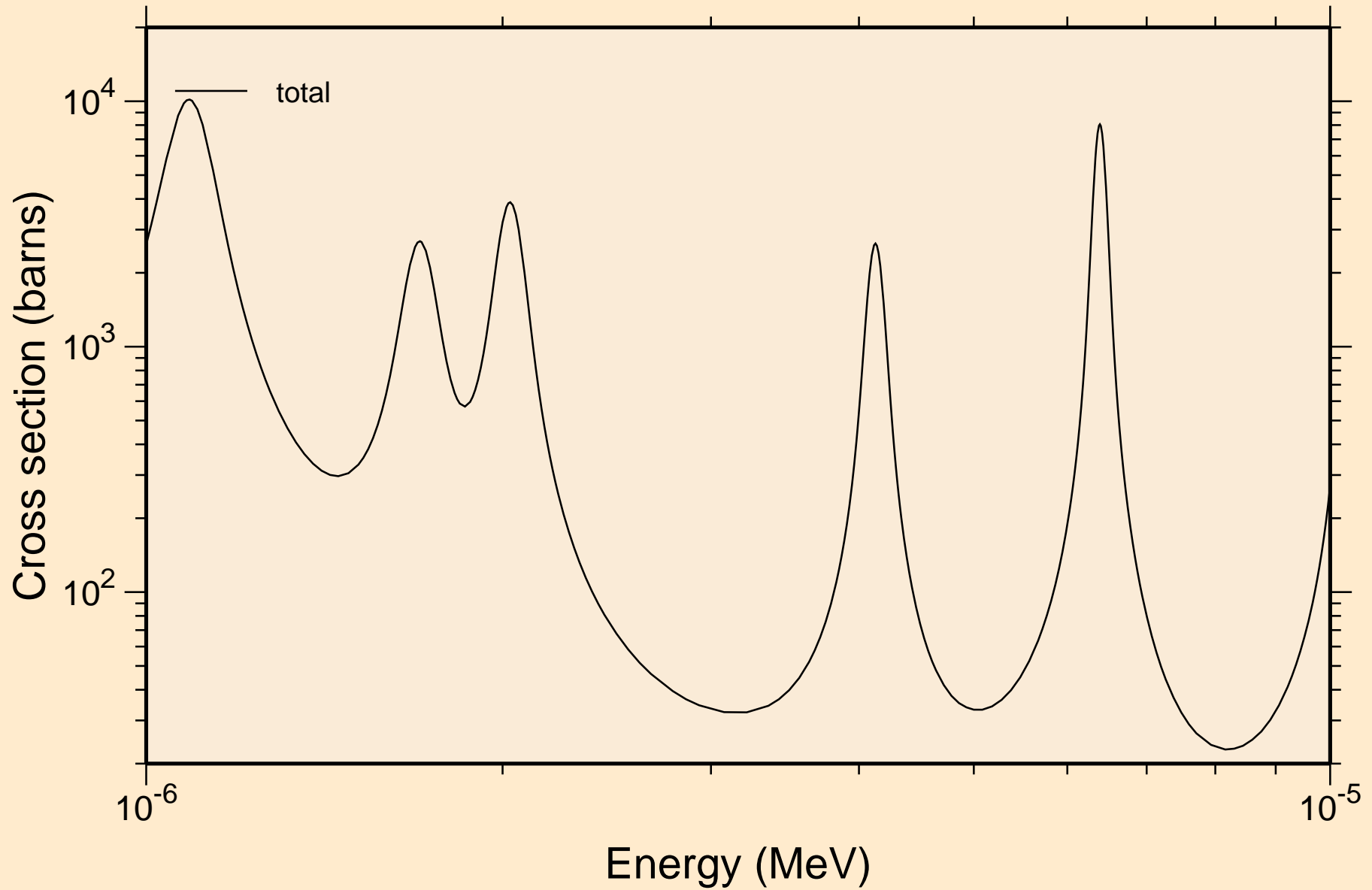


# SM151 NRG TENDL-2015, AKONING

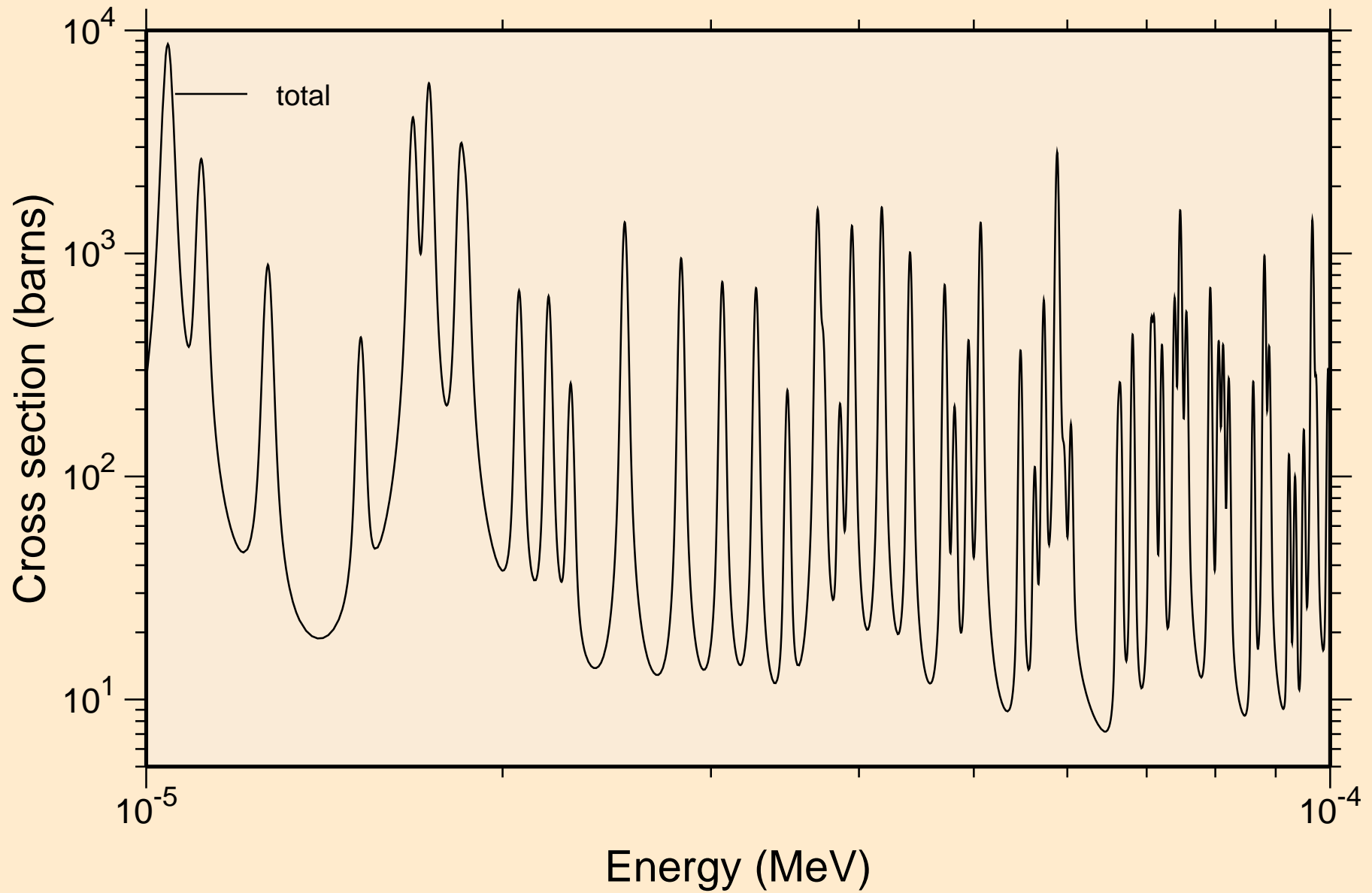
## Principal cross sections



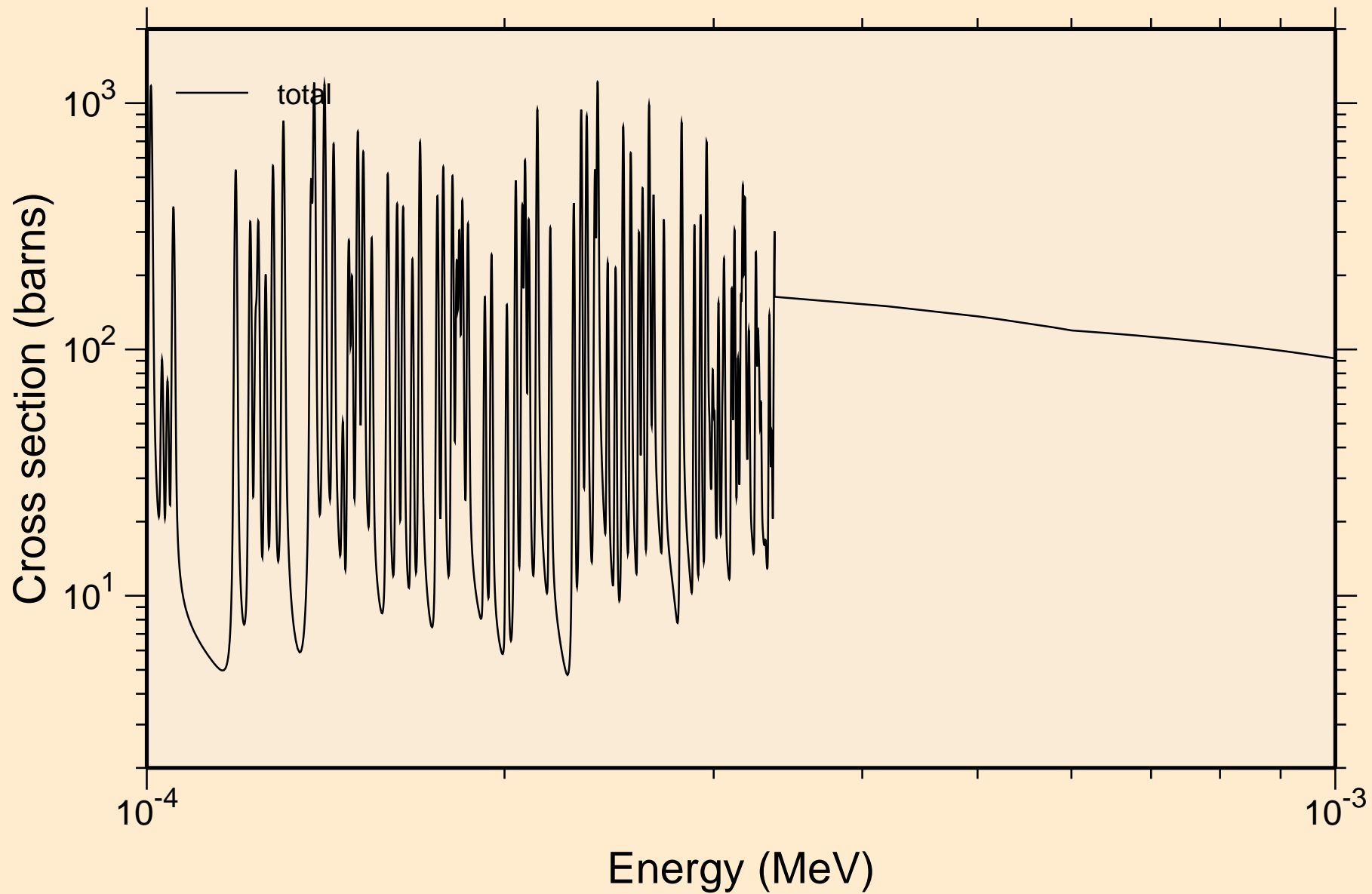
SM151 NRG TENDL-2015, AKONING  
resonance total cross section



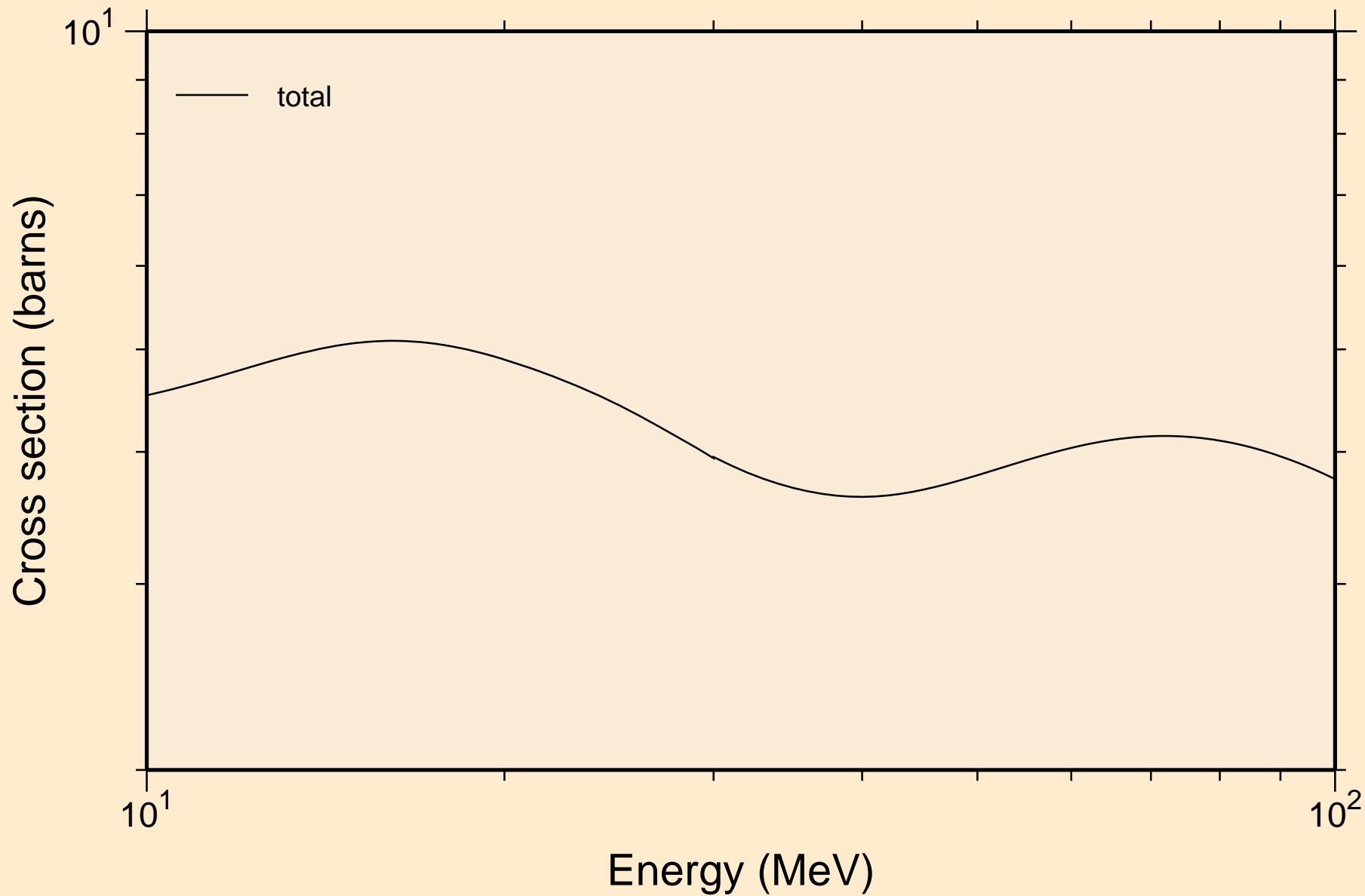
SM151 NRG TENDL-2015, AKONING  
resonance total cross section



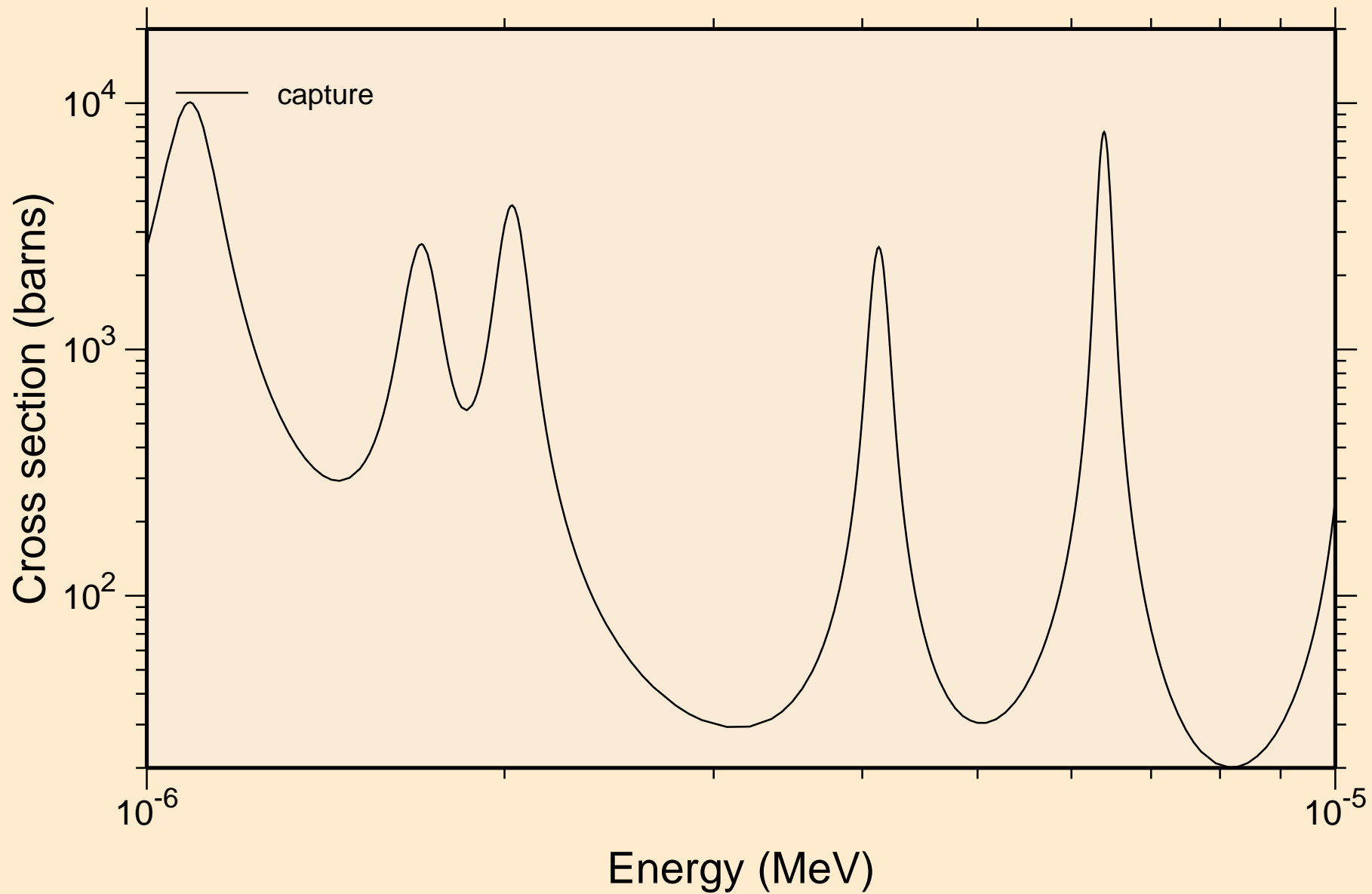
SM151 NRG TENDL-2015, AKONING  
resonance total cross section



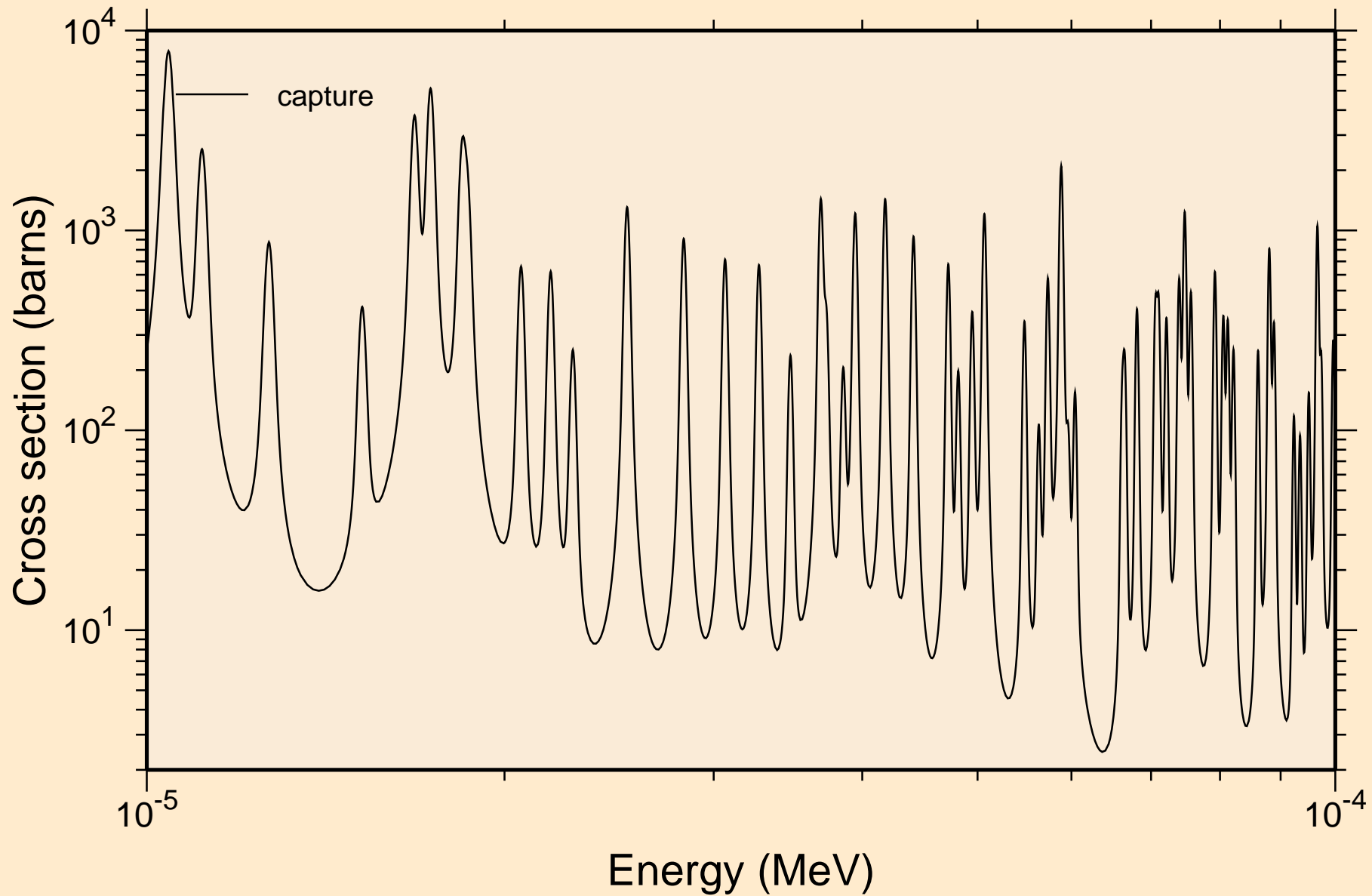
SM151 NRG TENDL-2015, AKONING  
resonance total cross section



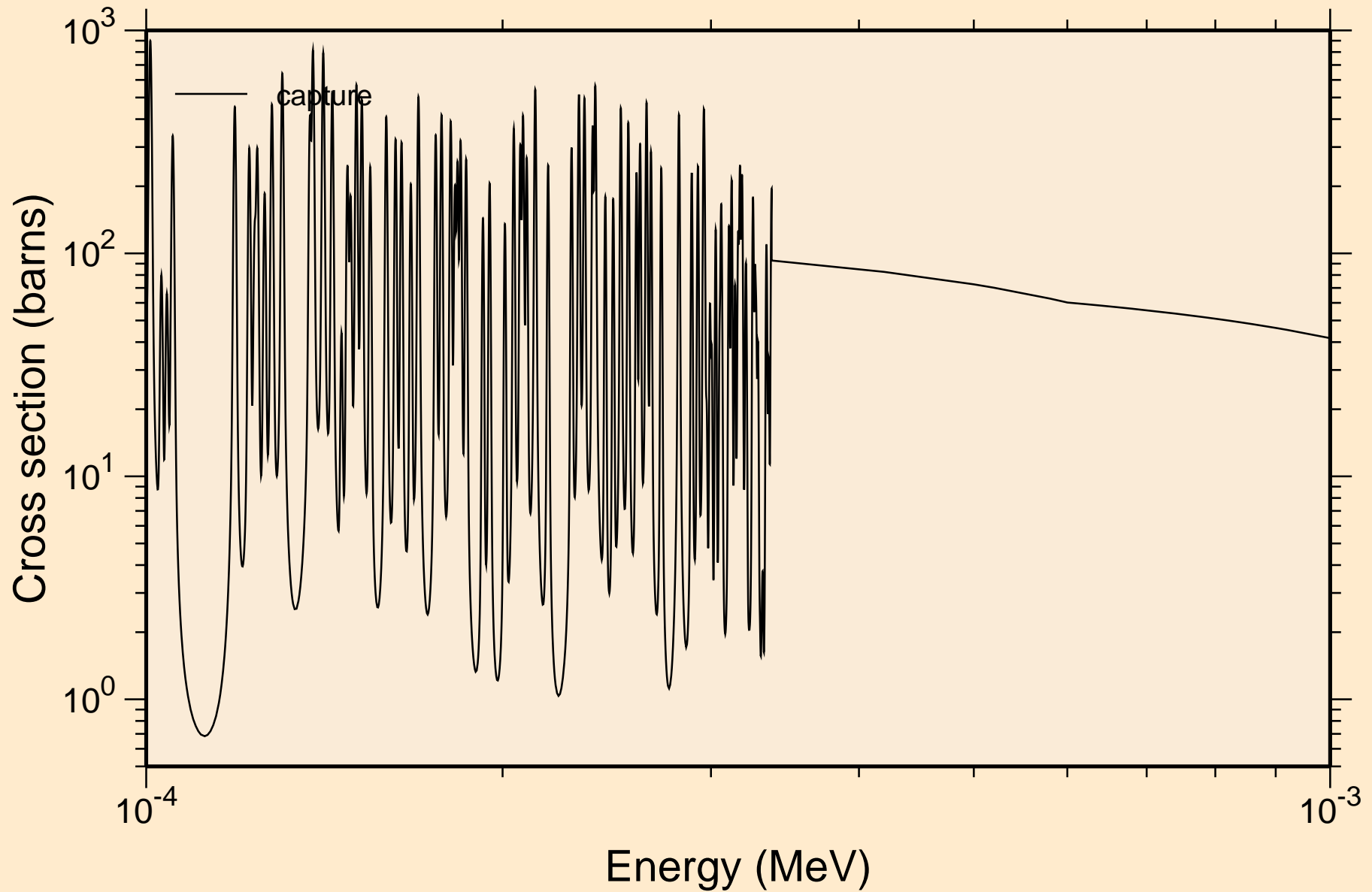
SM151 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# SM151 NRG TENDL-2015, AKONING resonance absorption cross sections

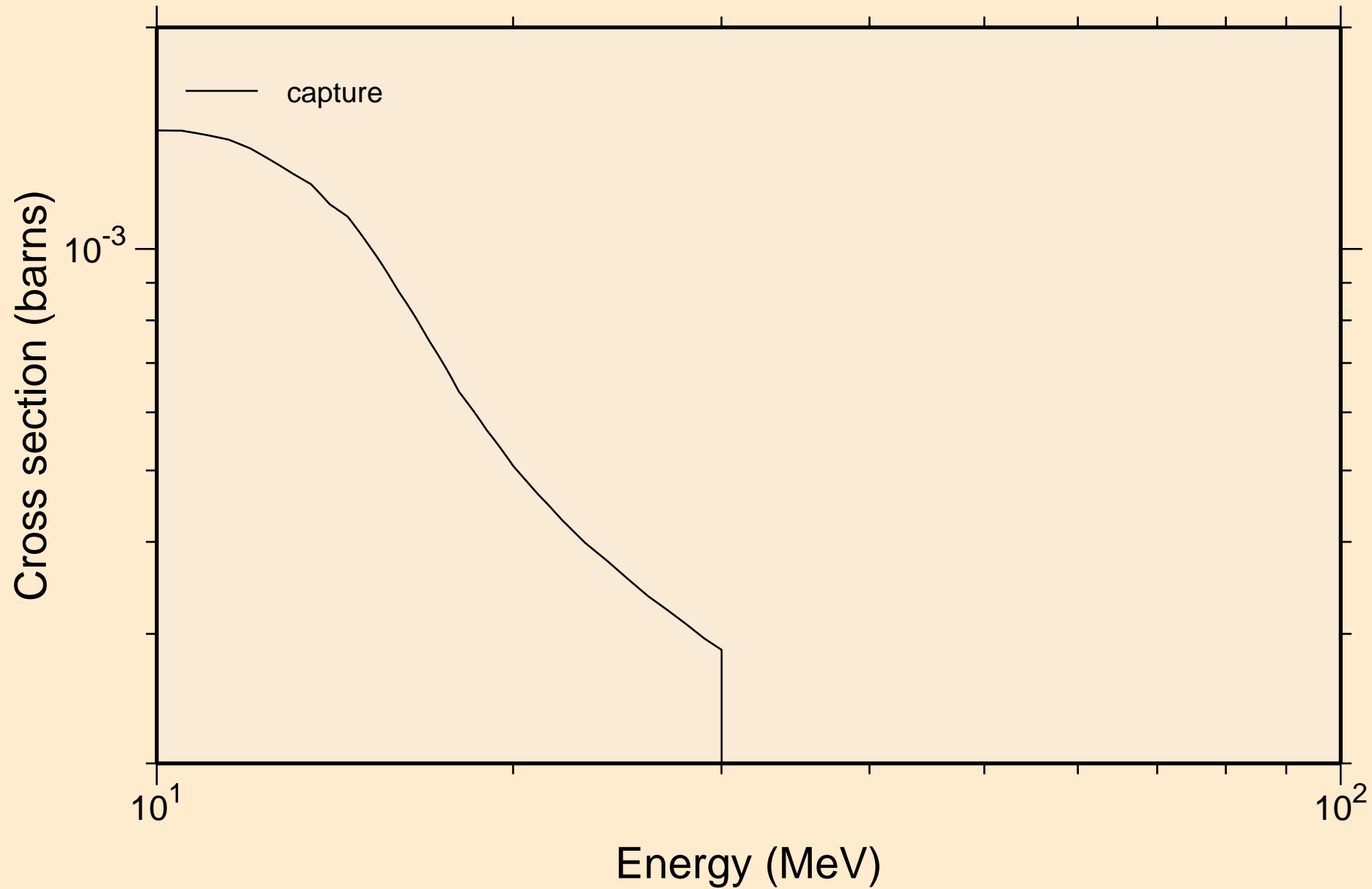


SM151 NRG TENDL-2015, AKONING  
resonance absorption cross sections



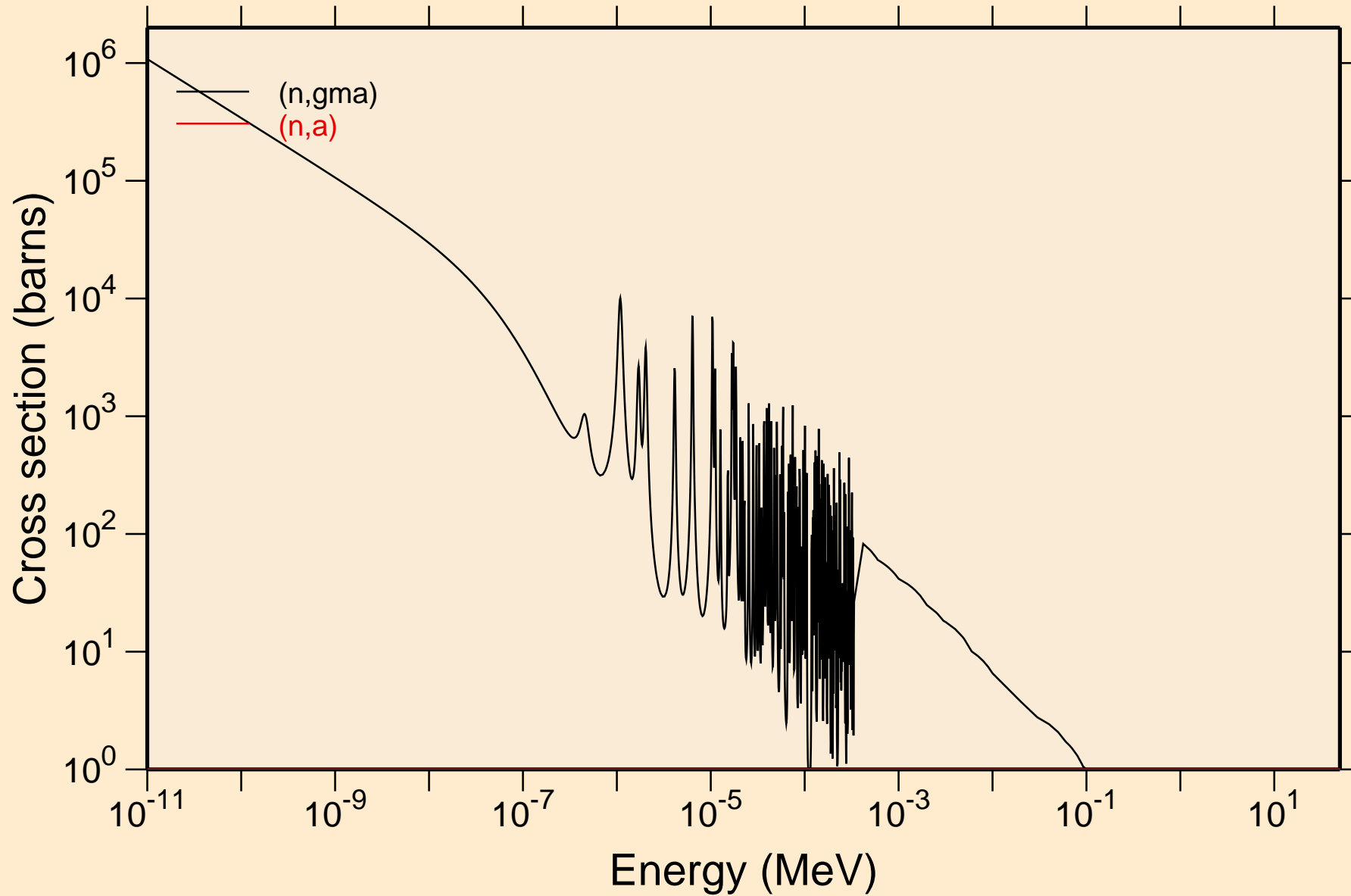


SM151 NRG TENDL-2015, AKONING  
resonance absorption cross sections



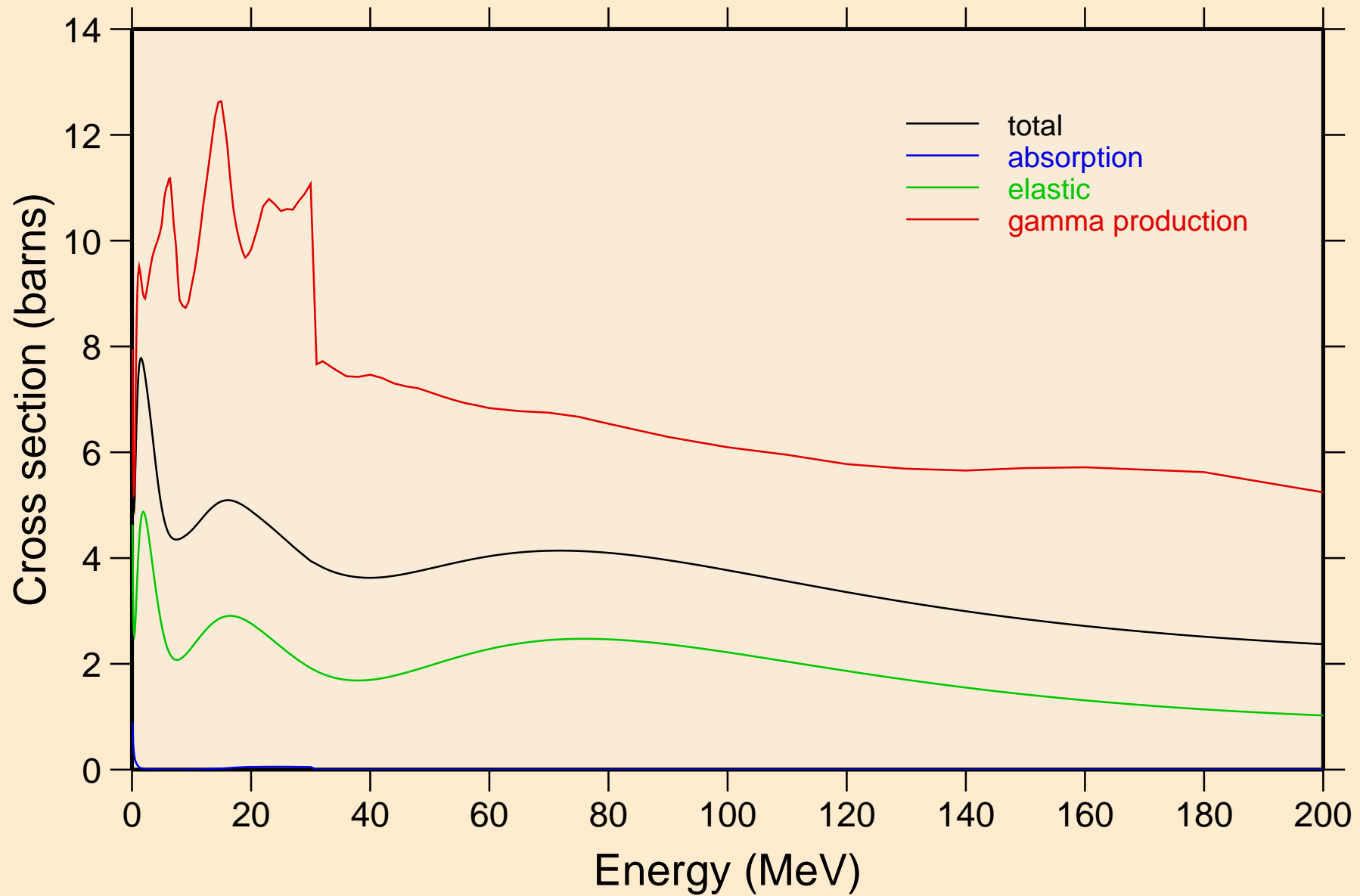
# SM151 NRG TENDL-2015, AKONING

## Non-threshold reactions



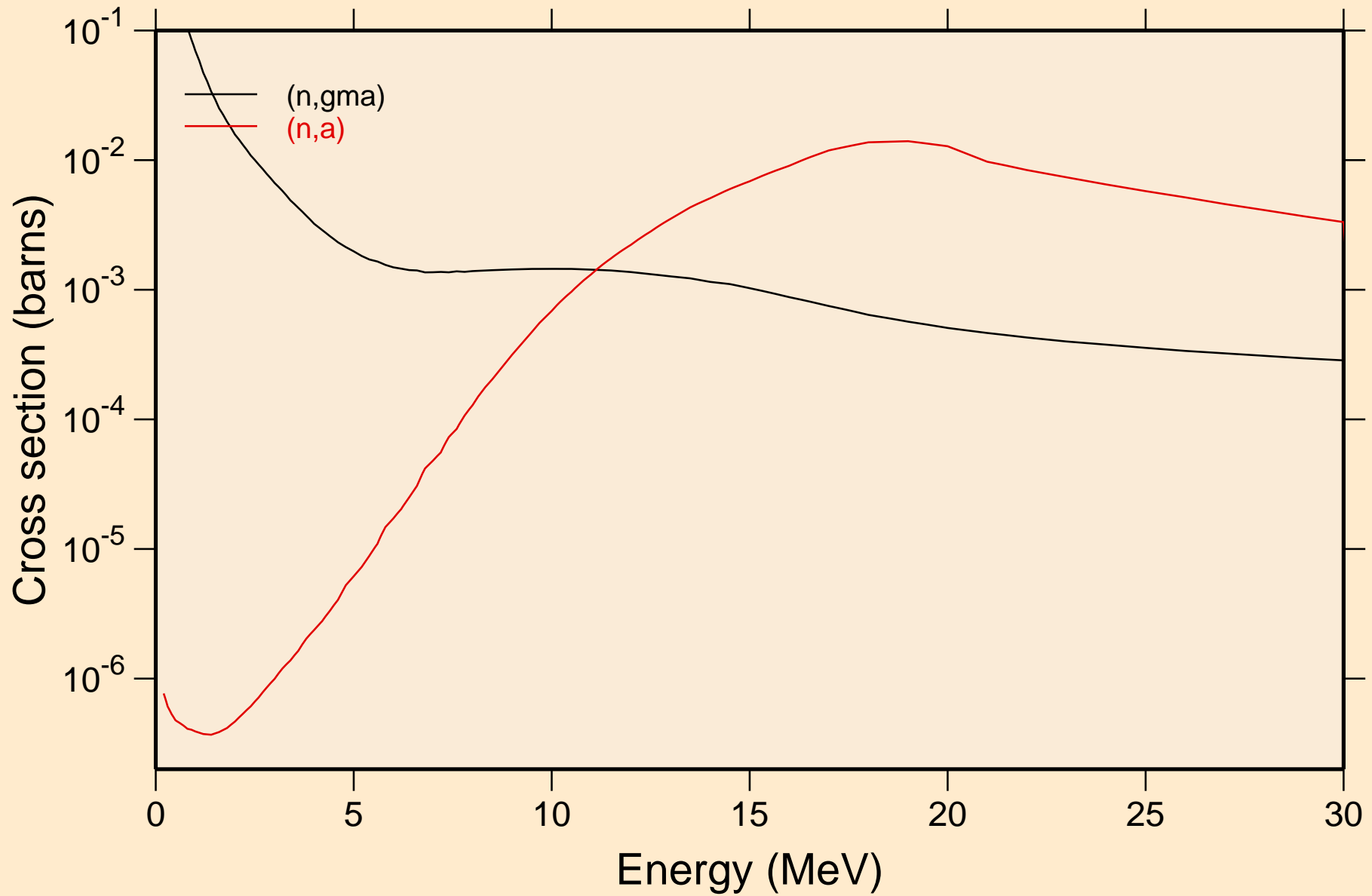
# SM151 NRG TENDL-2015, AKONING

## Principal cross sections



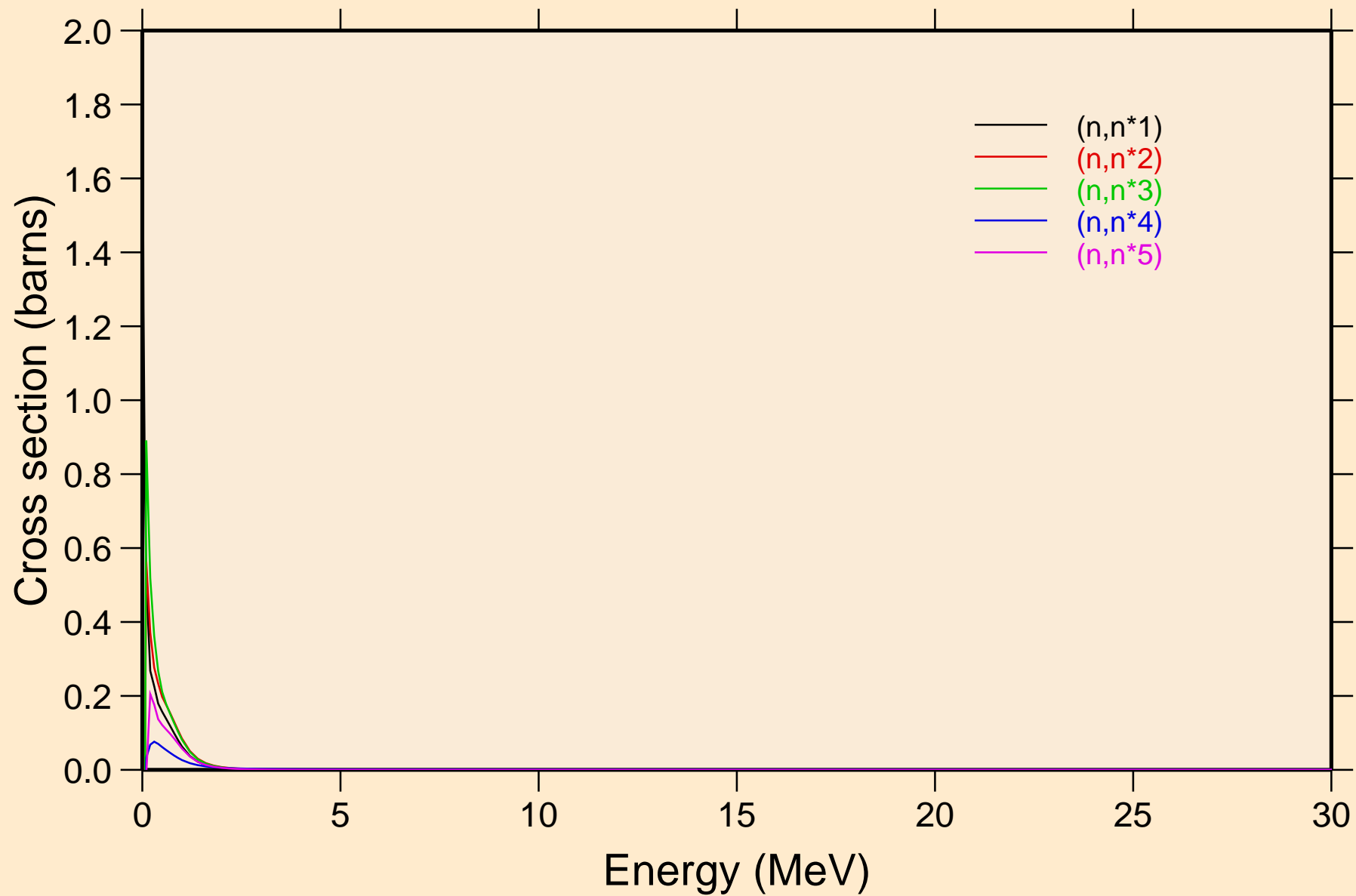
# SM151 NRG TENDL-2015, AKONING

## Non-threshold reactions



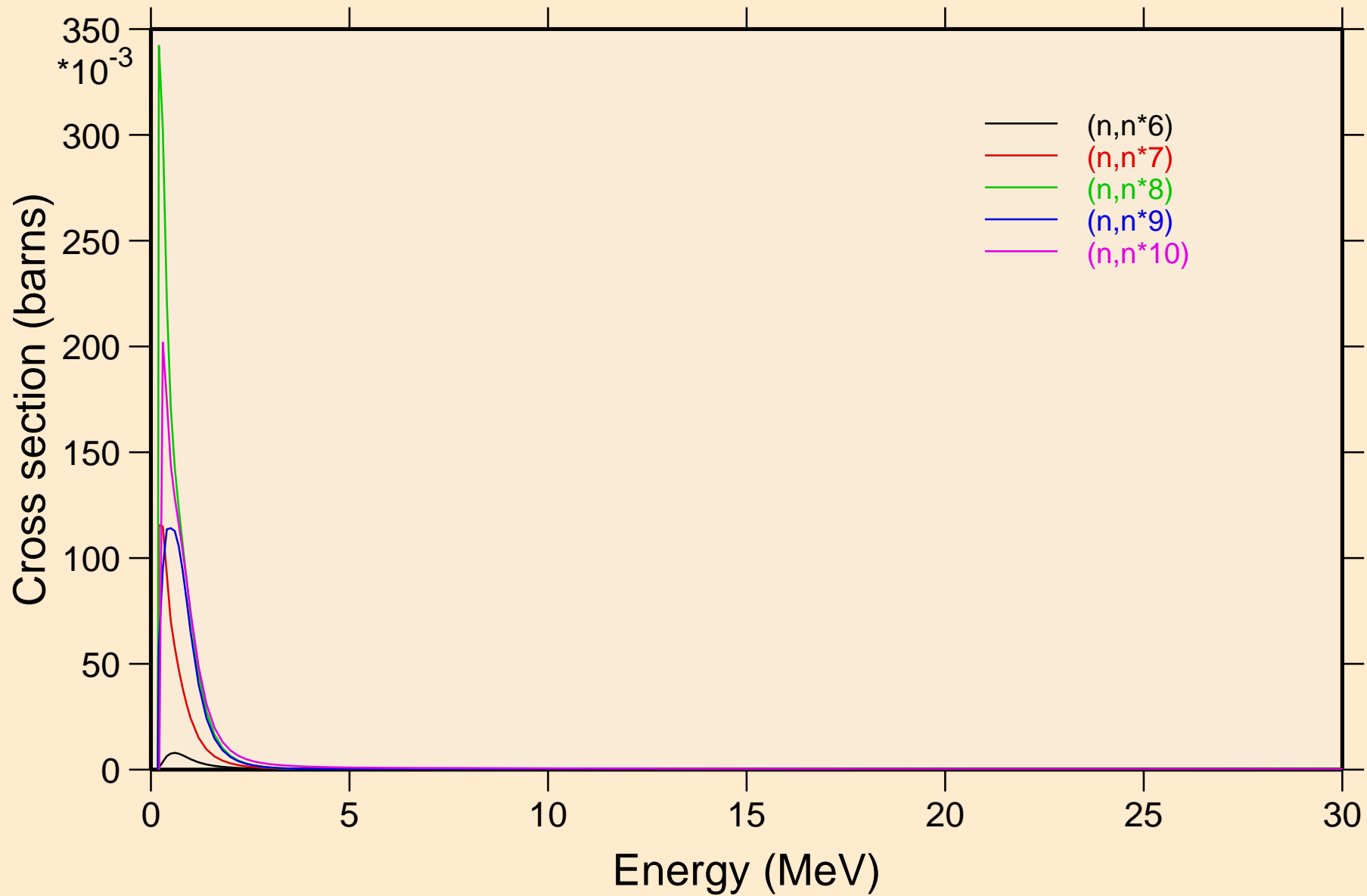
# SM151 NRG TENDL-2015, AKONING

## Inelastic levels



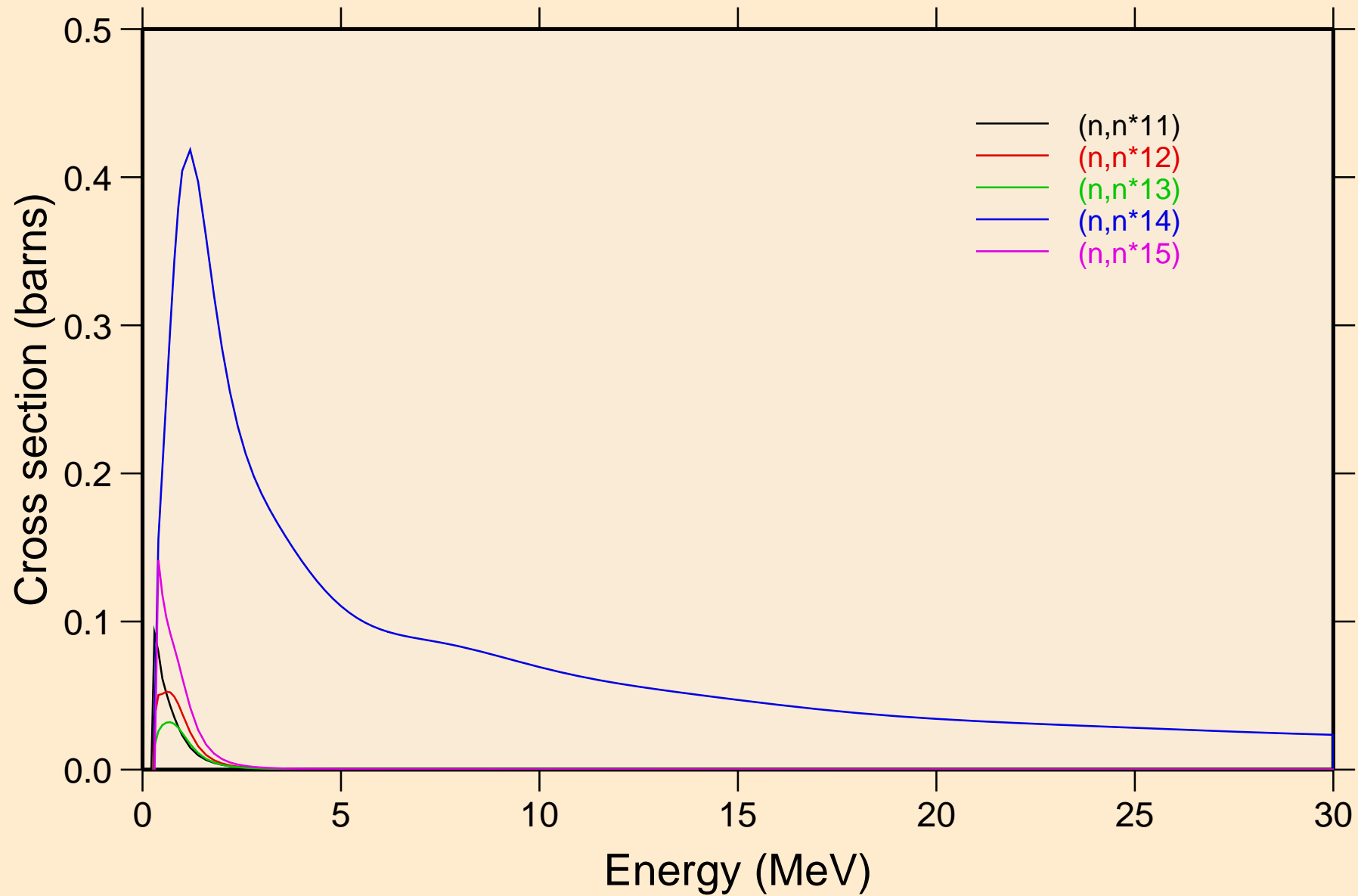
# SM151 NRG TENDL-2015, AKONING

## Inelastic levels



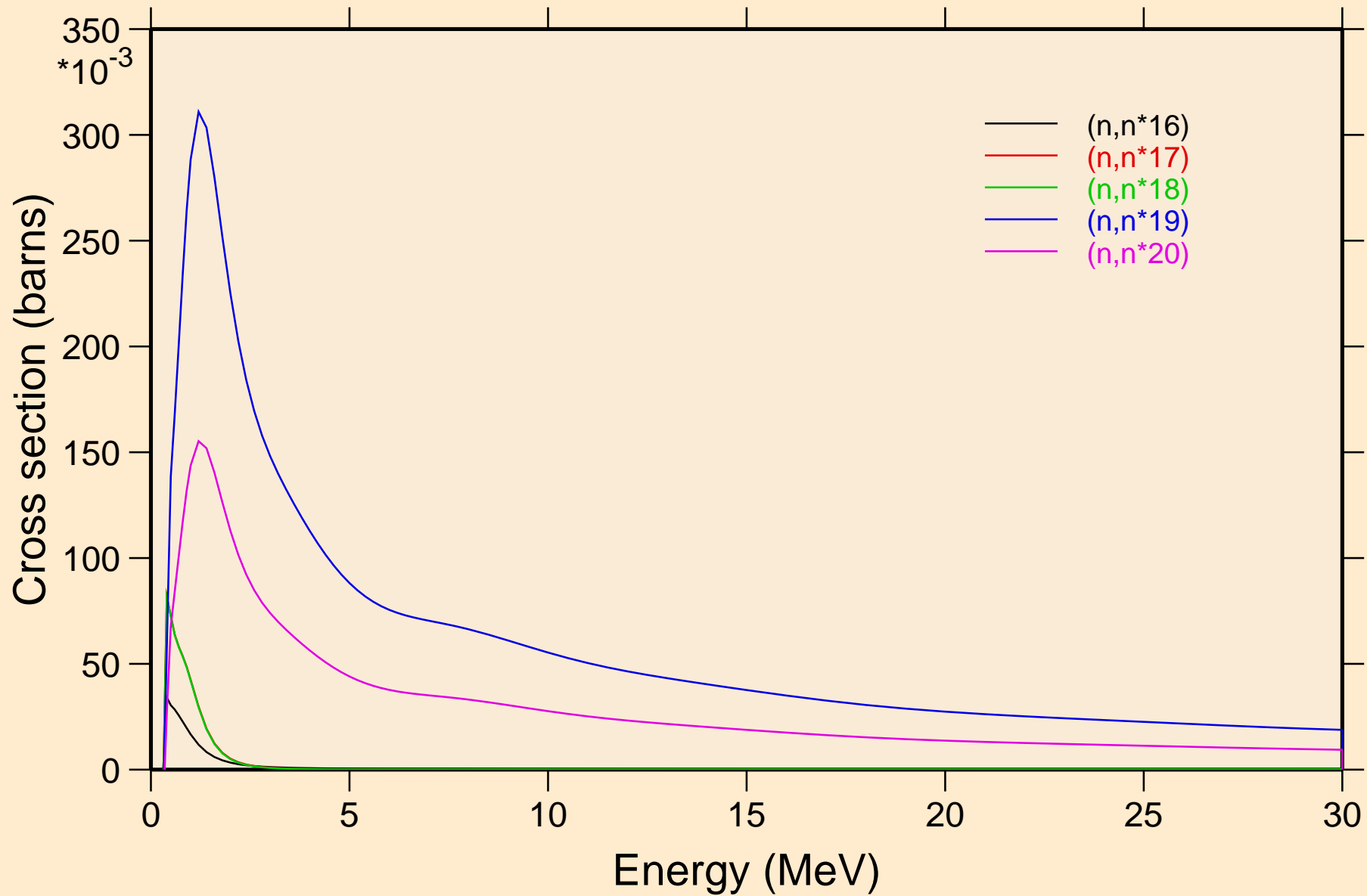
# SM151 NRG TENDL-2015, AKONING

## Inelastic levels



# SM151 NRG TENDL-2015, AKONING

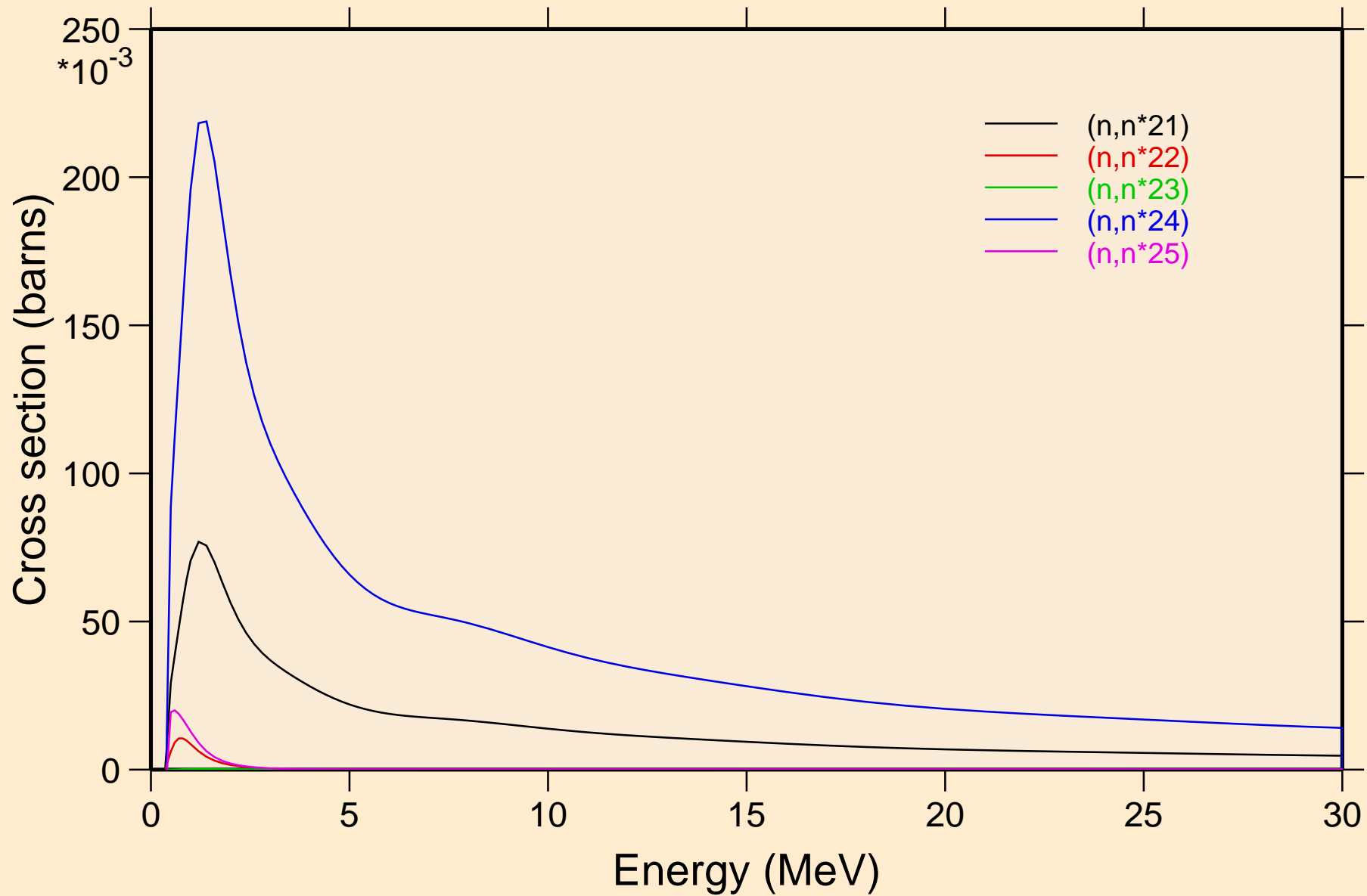
## Inelastic levels





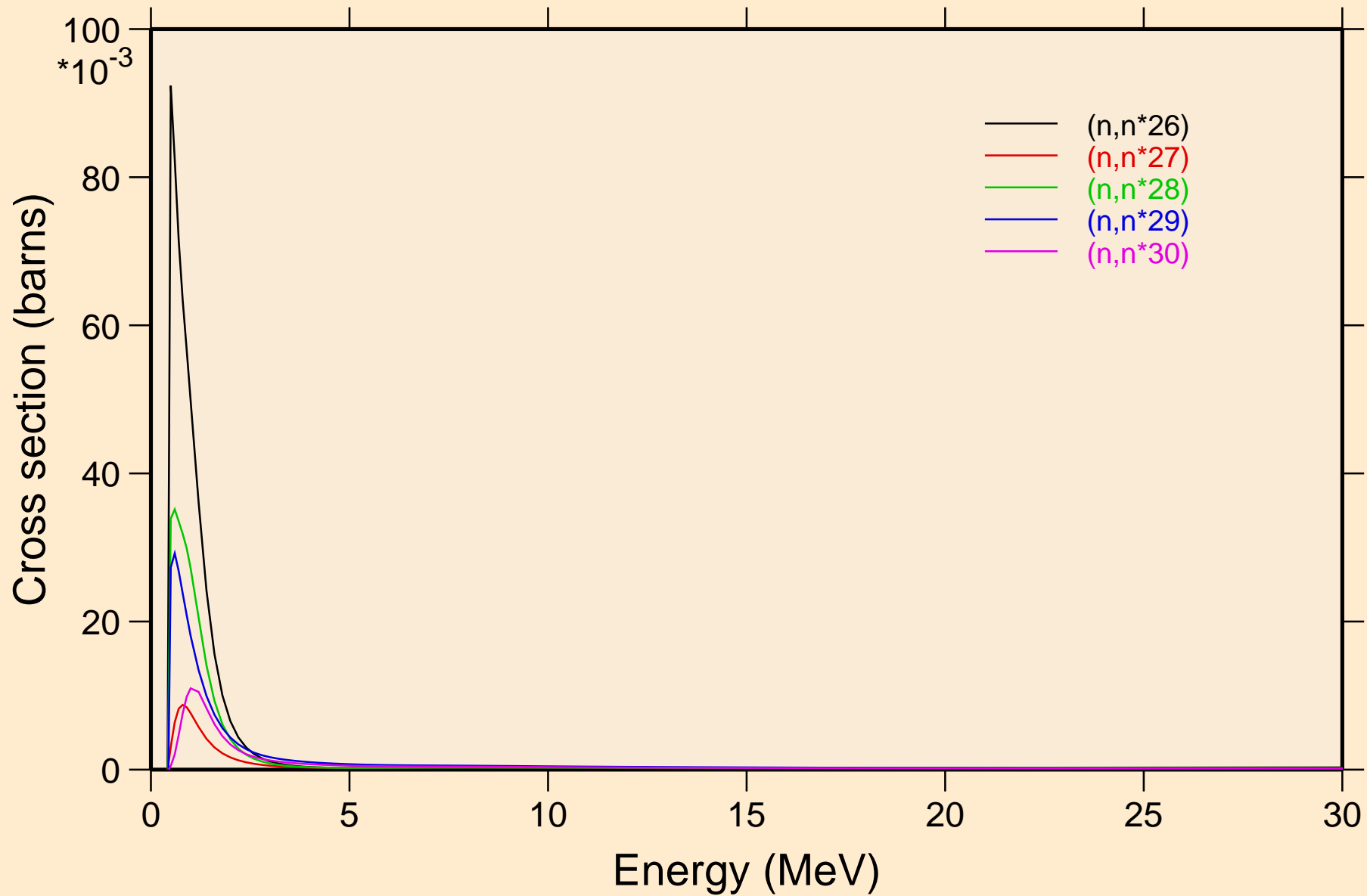
# SM151 NRG TENDL-2015, AKONING

## Inelastic levels



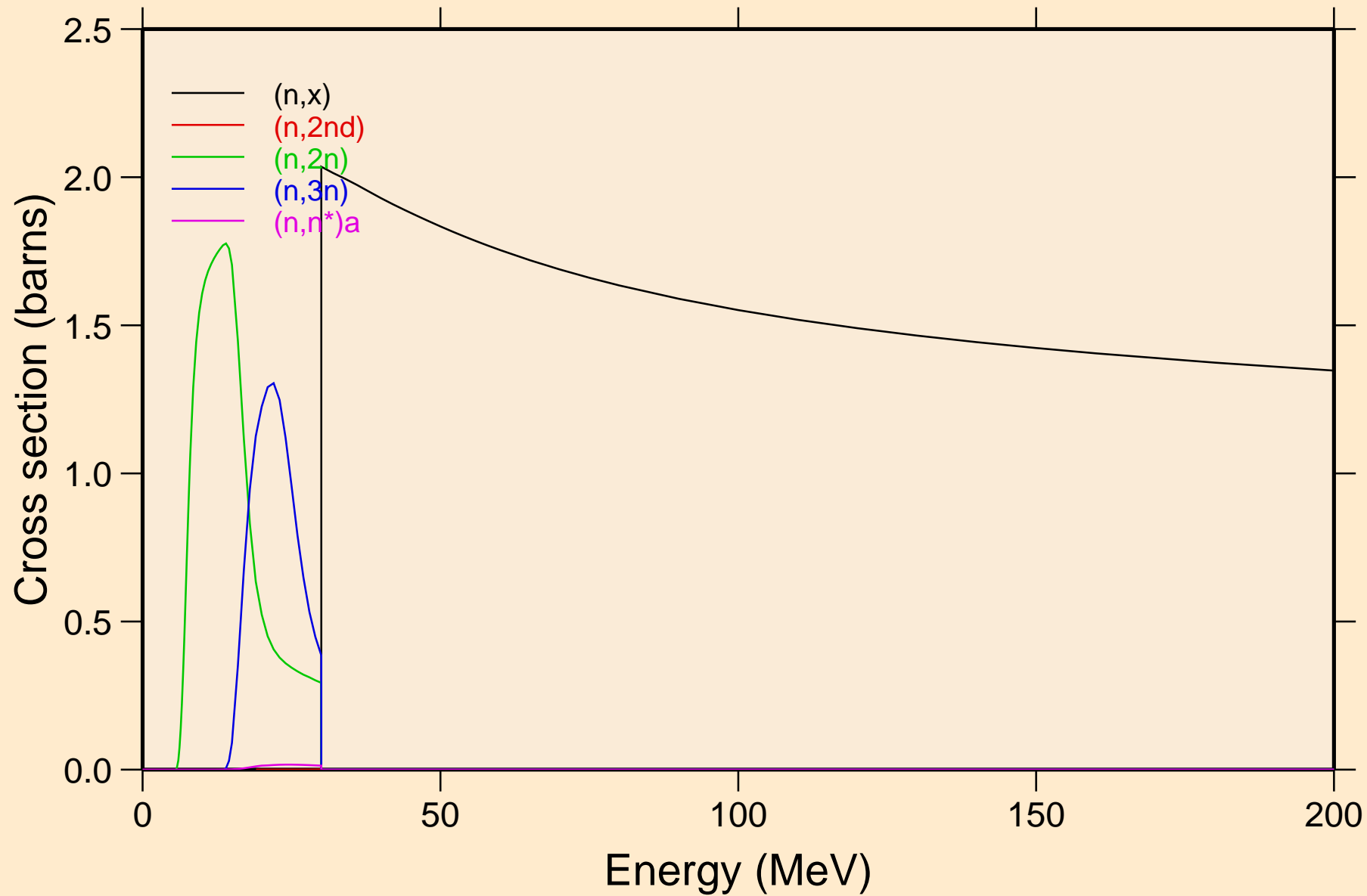
# SM151 NRG TENDL-2015, AKONING

## Inelastic levels



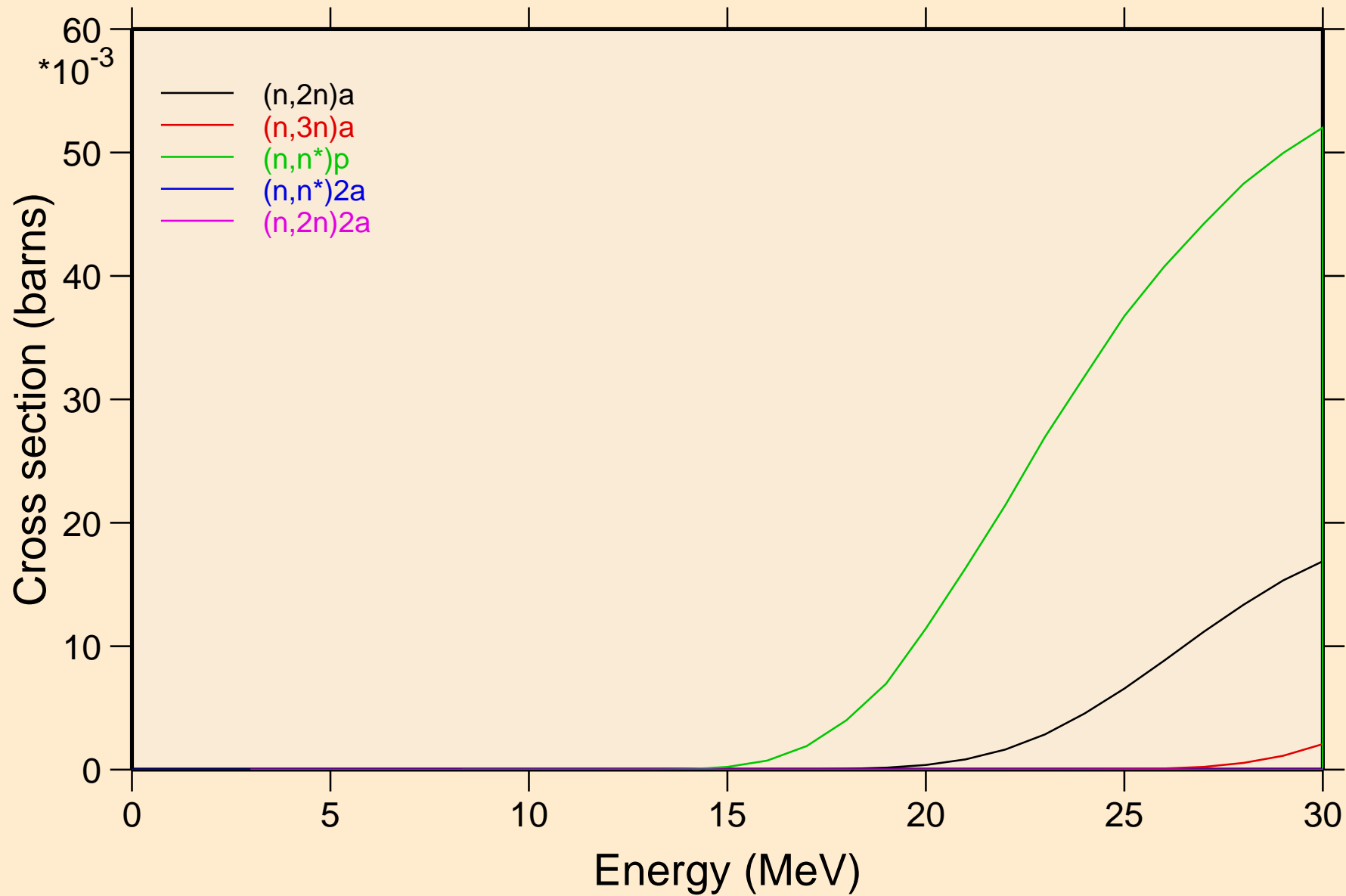
# SM151 NRG TENDL-2015, AKONING

## Threshold reactions



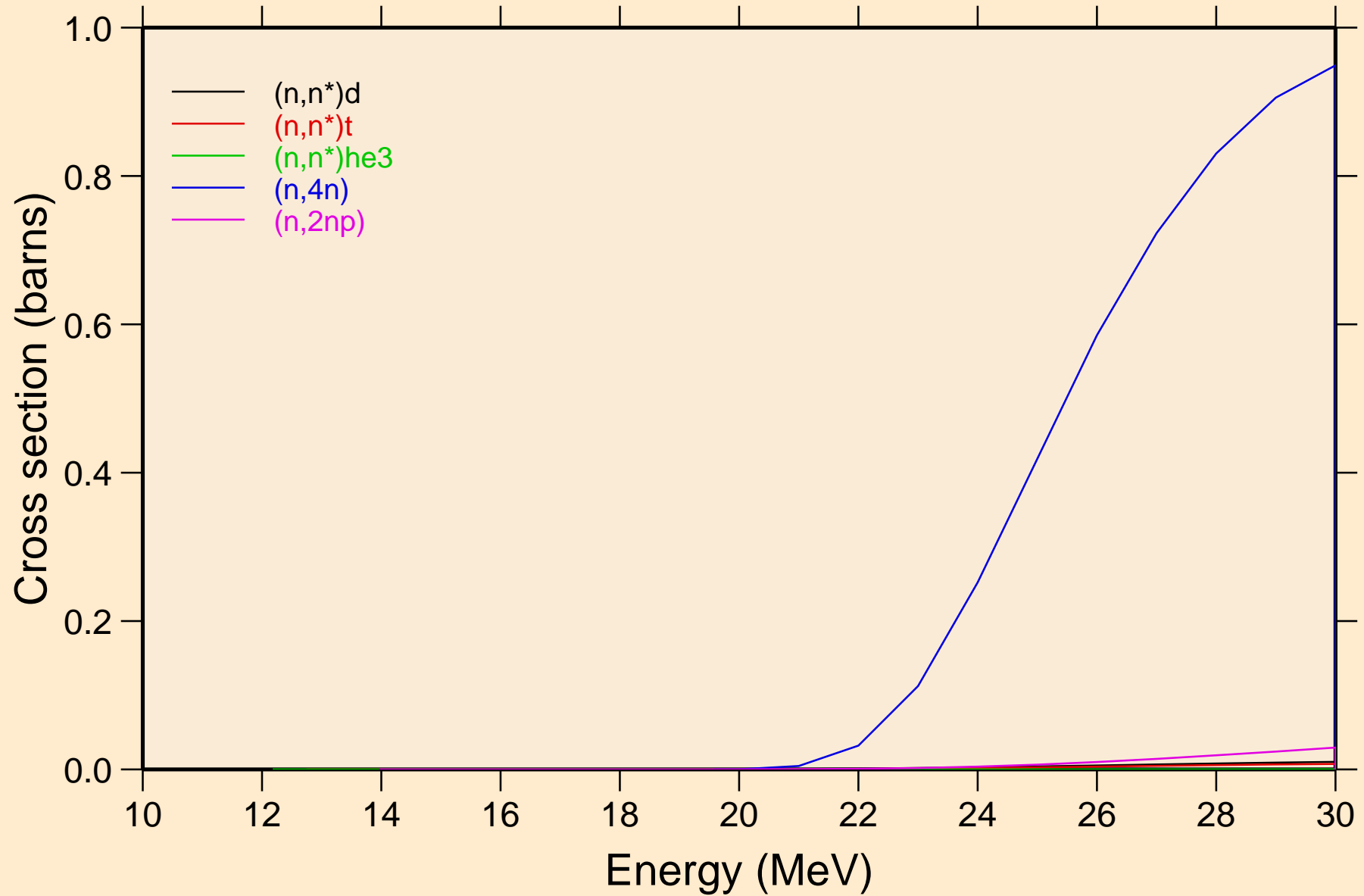
# SM151 NRG TENDL-2015, AKONING

## Threshold reactions



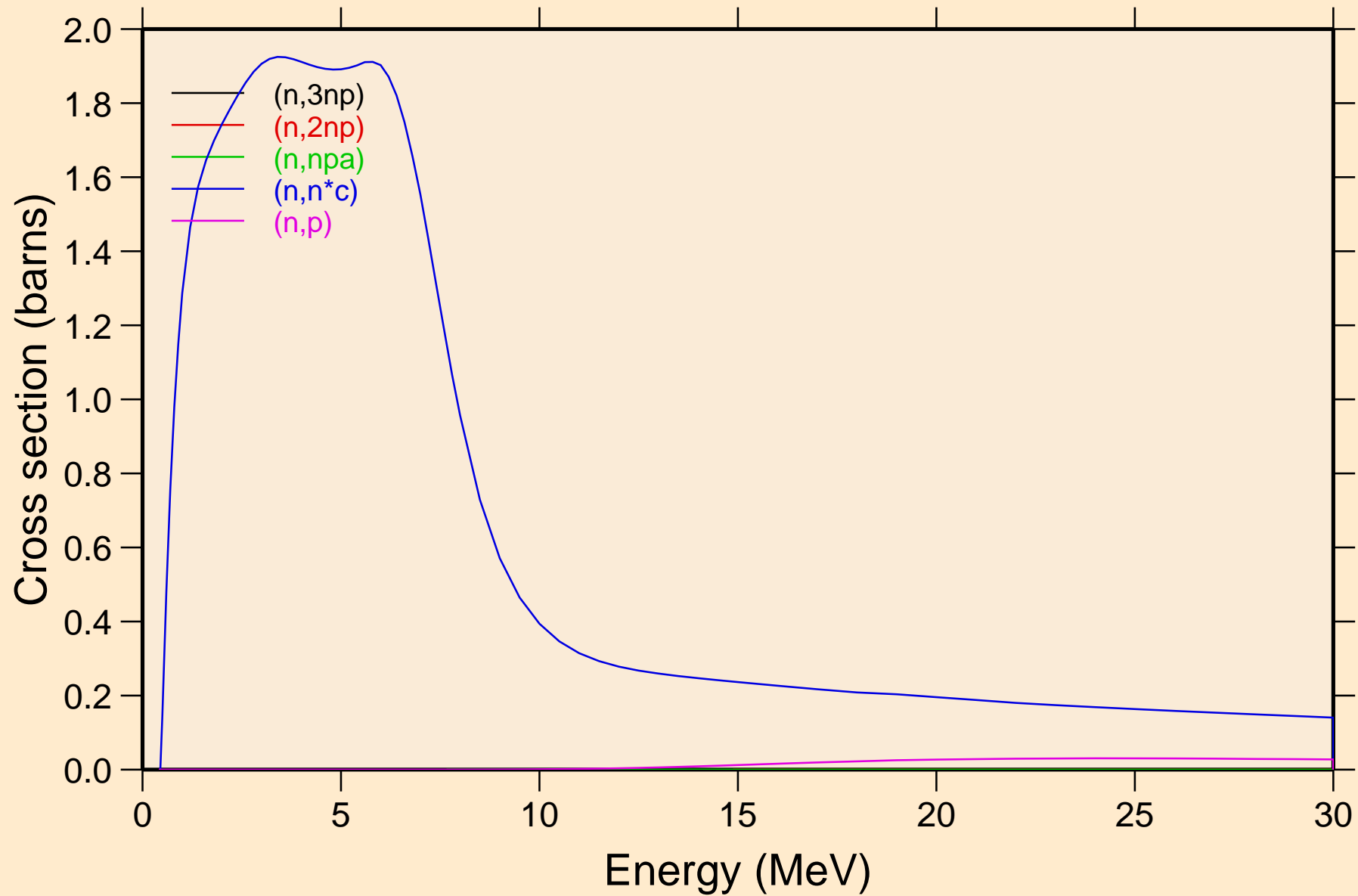
# SM151 NRG TENDL-2015, AKONING

## Threshold reactions



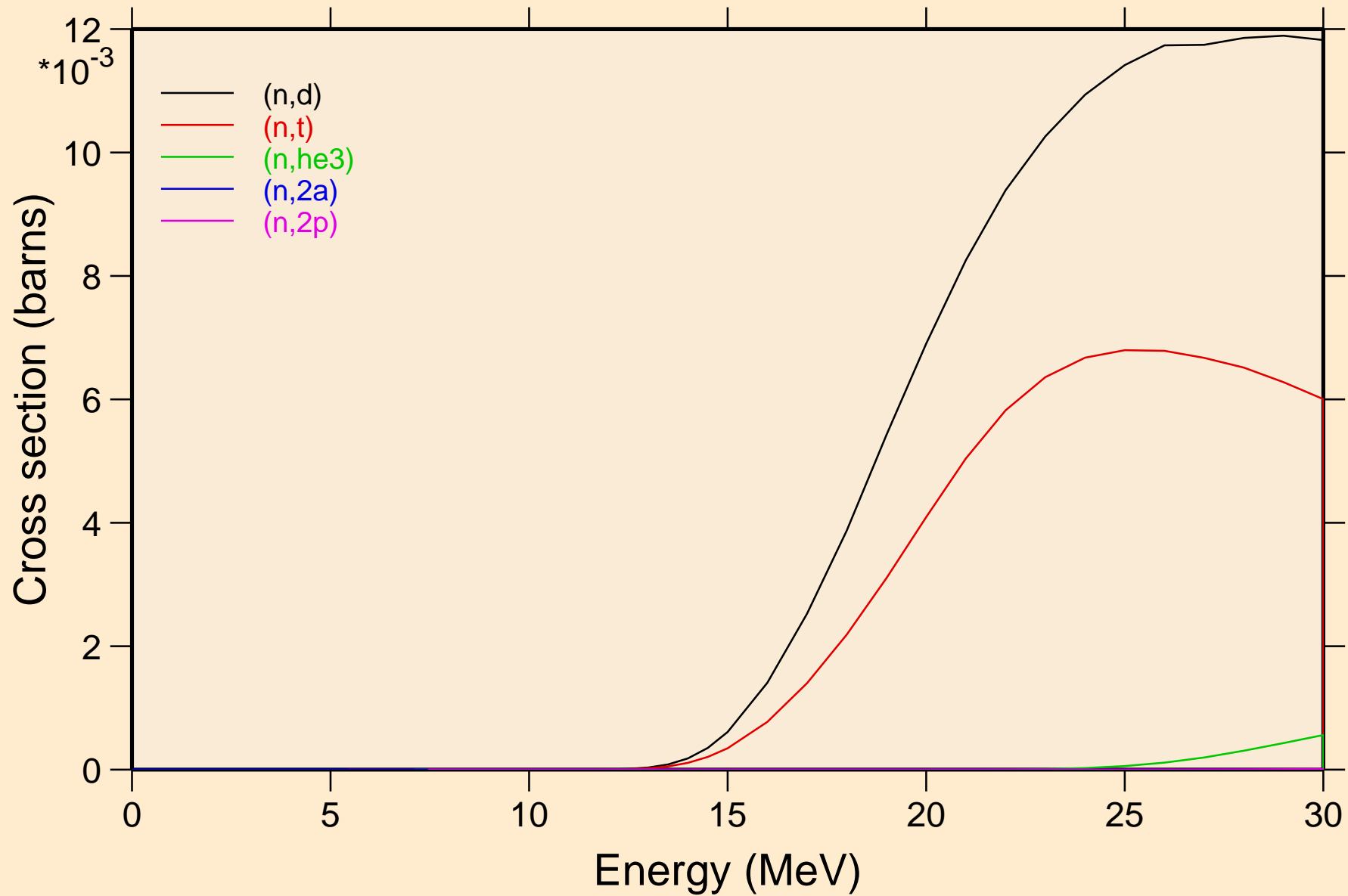
# SM151 NRG TENDL-2015, AKONING

## Threshold reactions



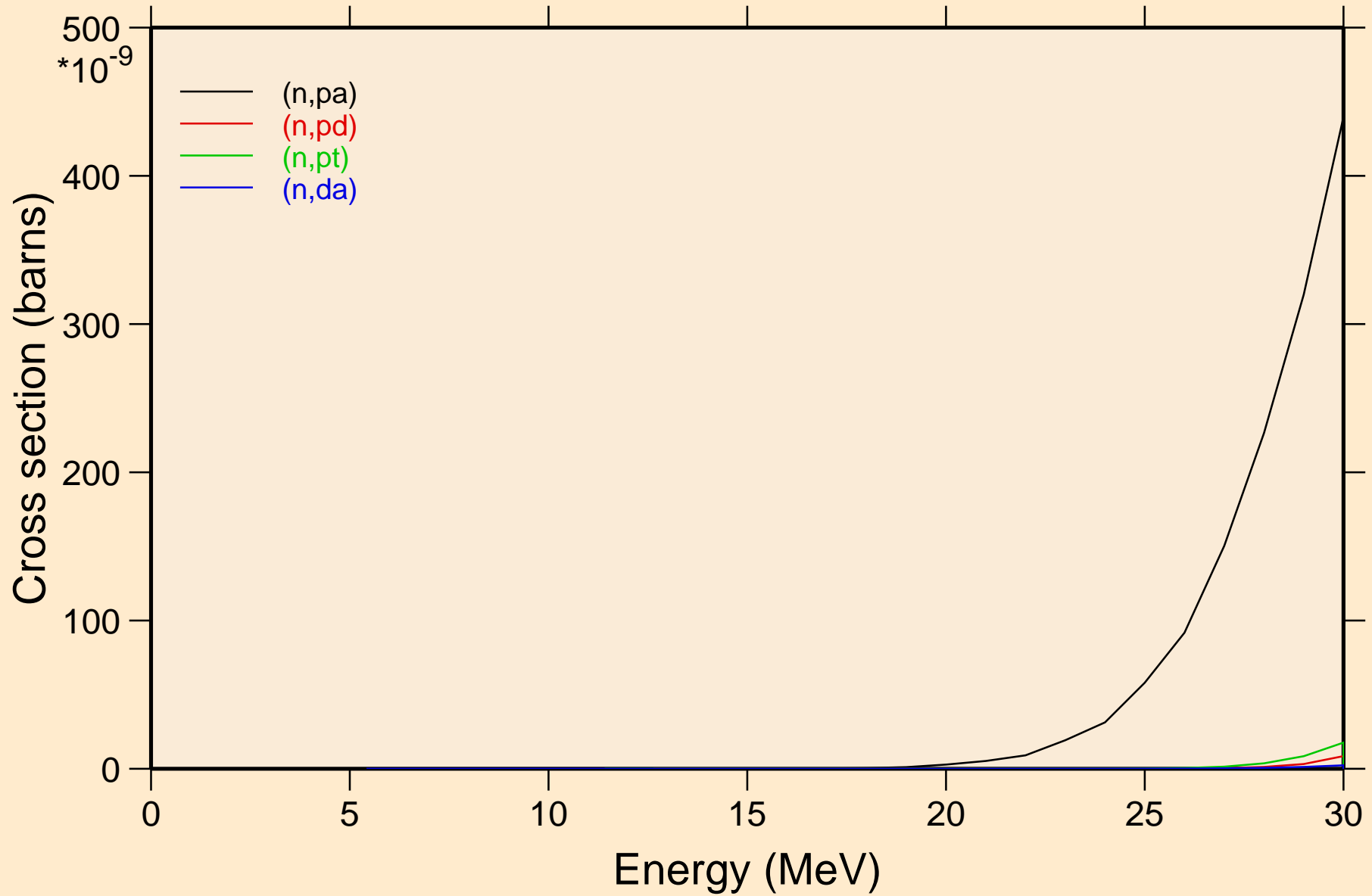
# SM151 NRG TENDL-2015, AKONING

## Threshold reactions



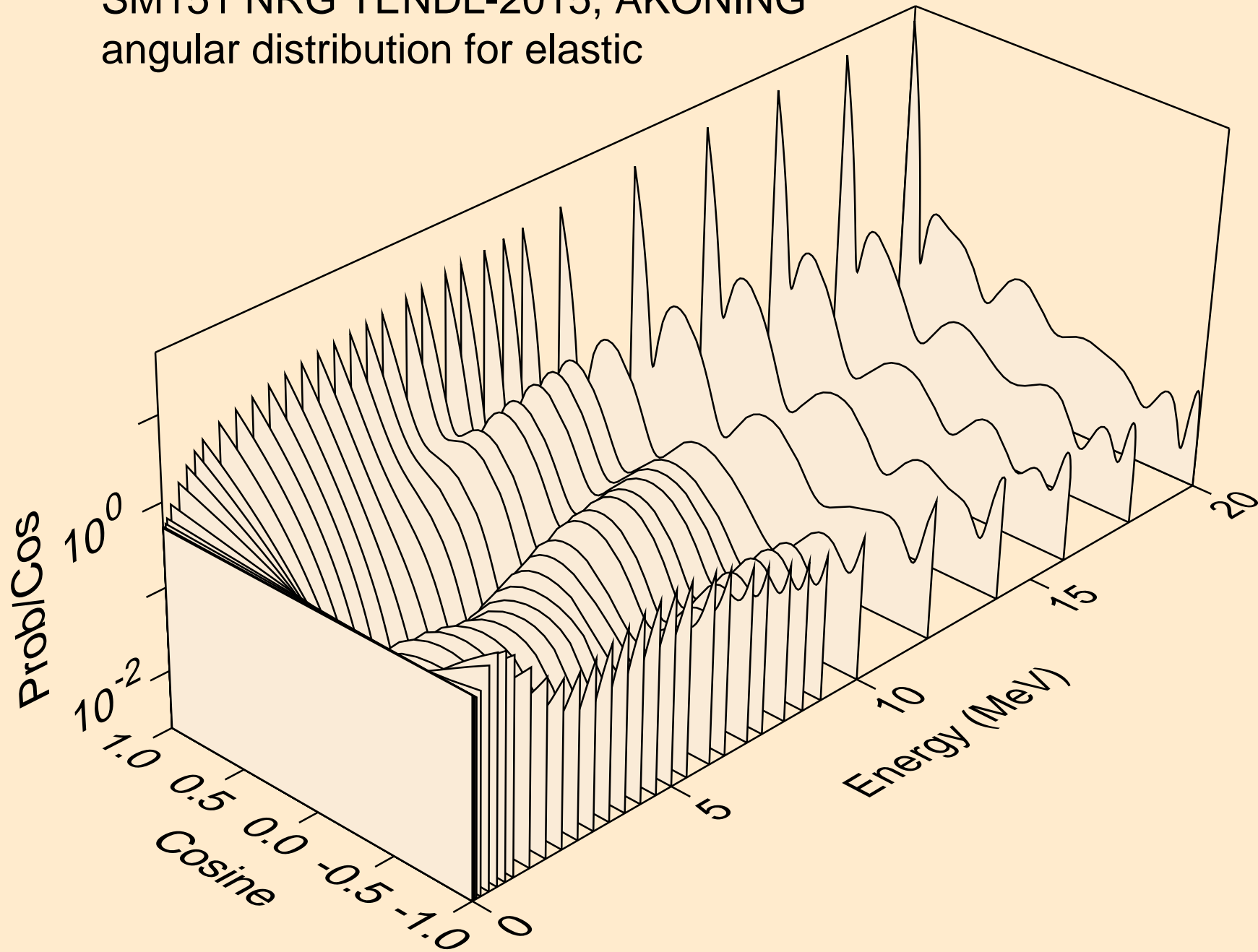
# SM151 NRG TENDL-2015, AKONING

## Threshold reactions

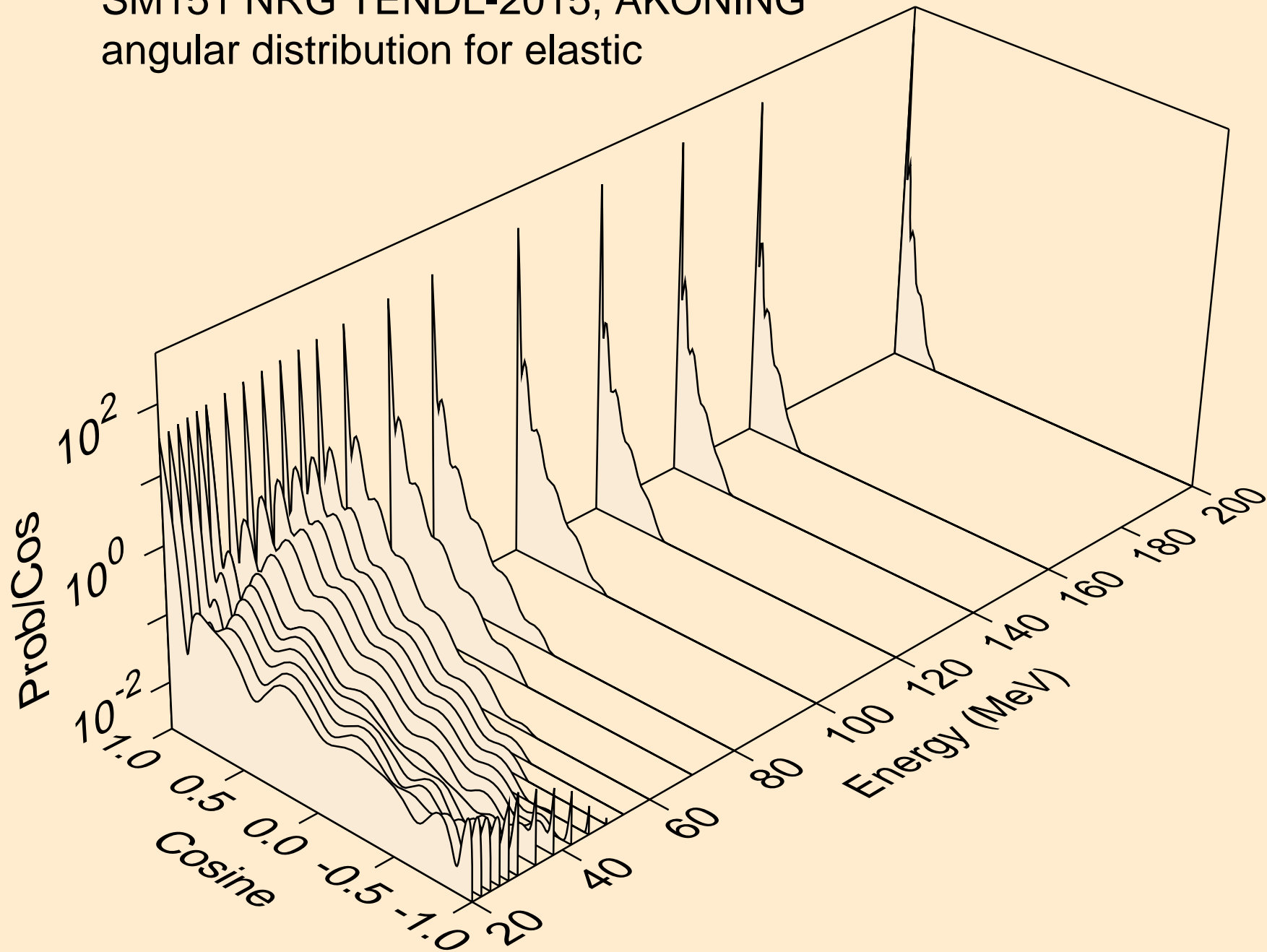




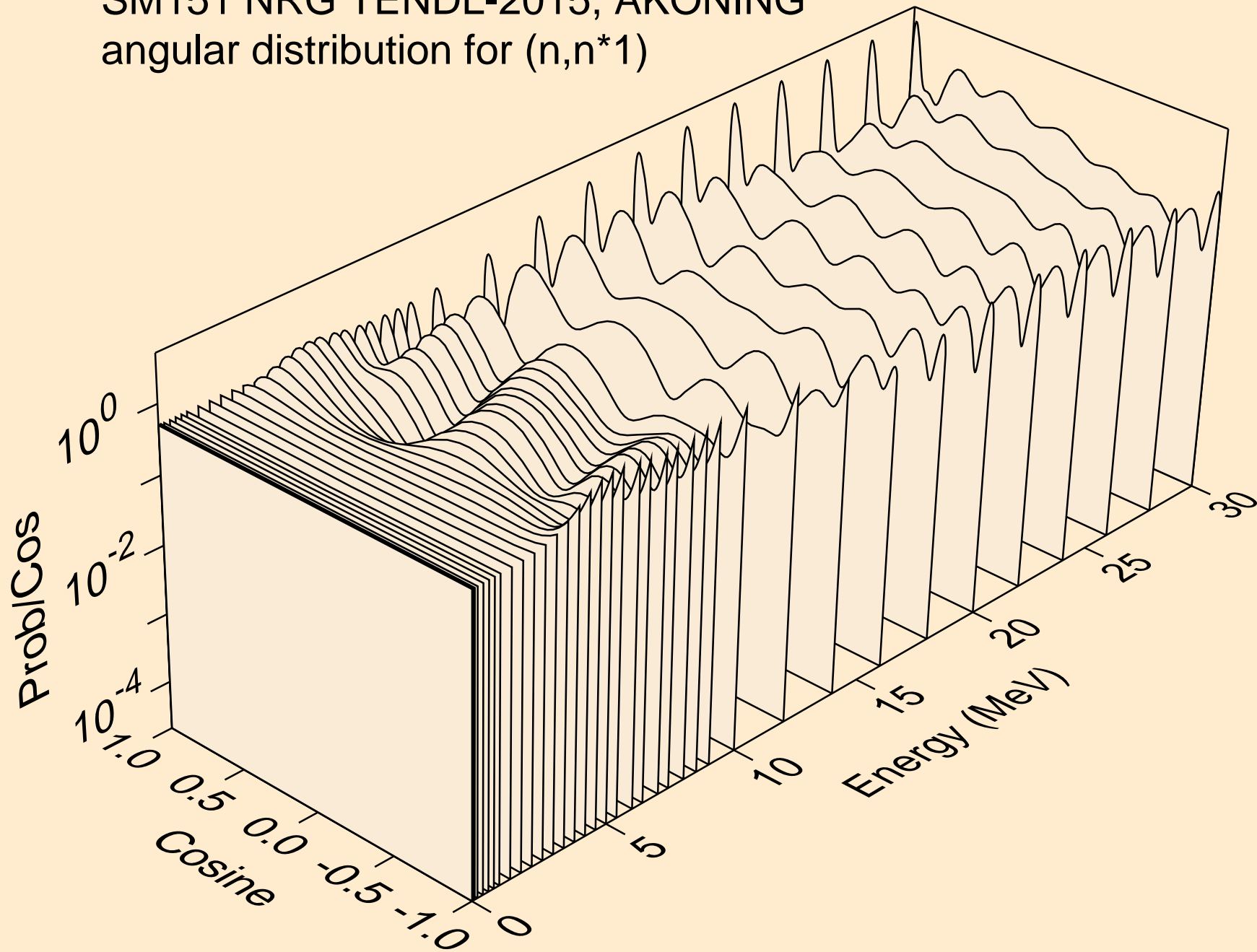
SM151 NRG TENDL-2015, AKONING  
angular distribution for elastic



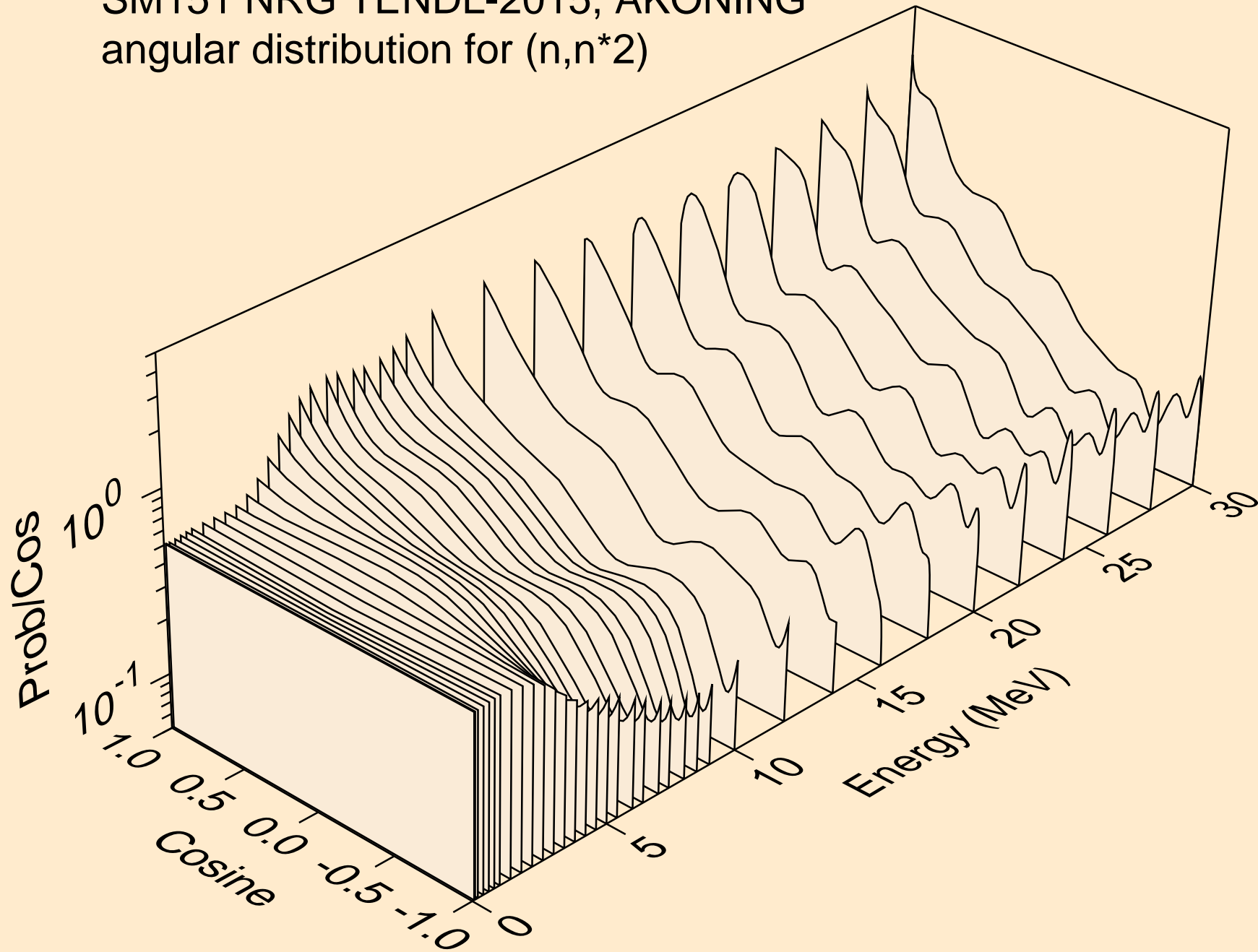
SM151 NRG TENDL-2015, AKONING  
angular distribution for elastic



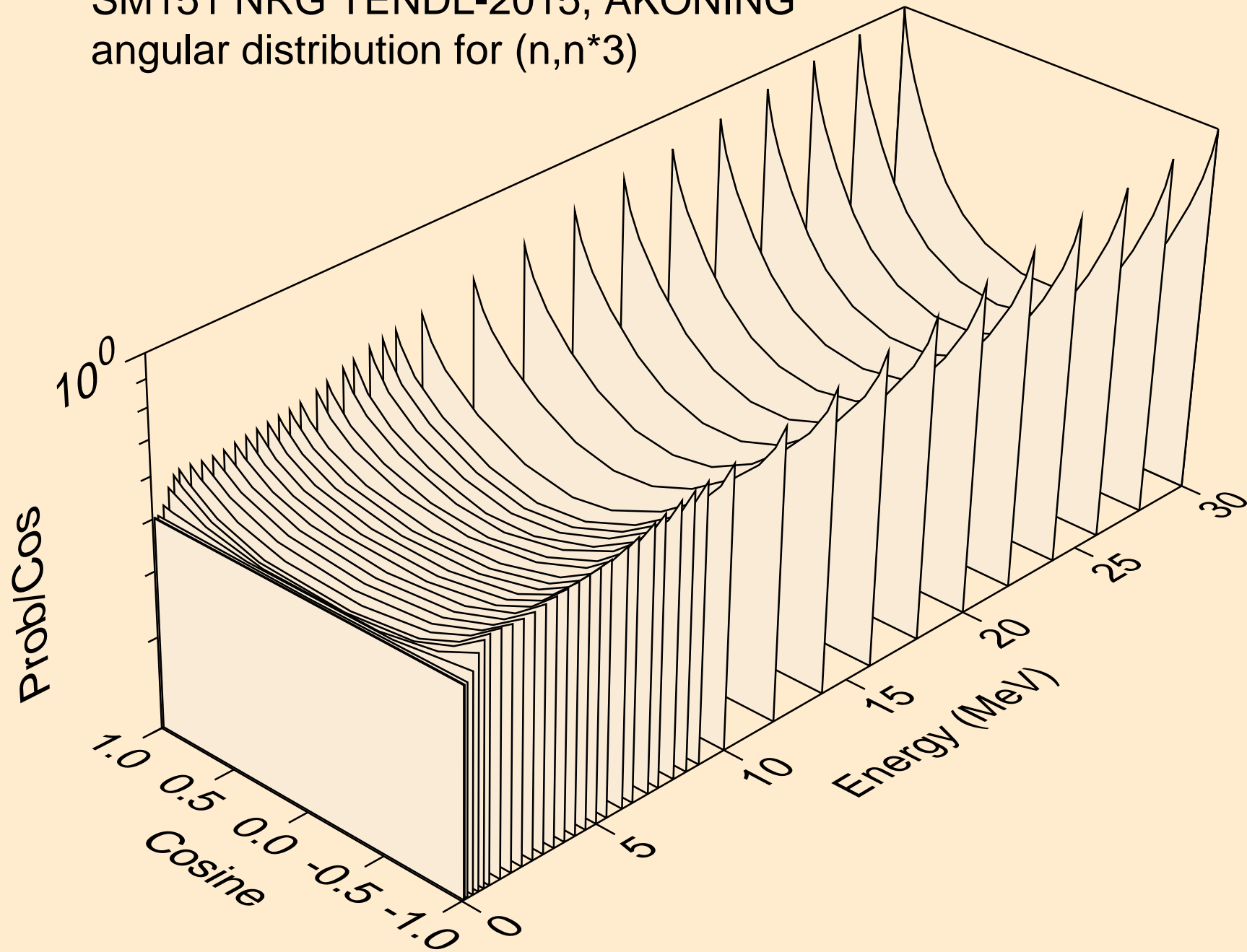
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



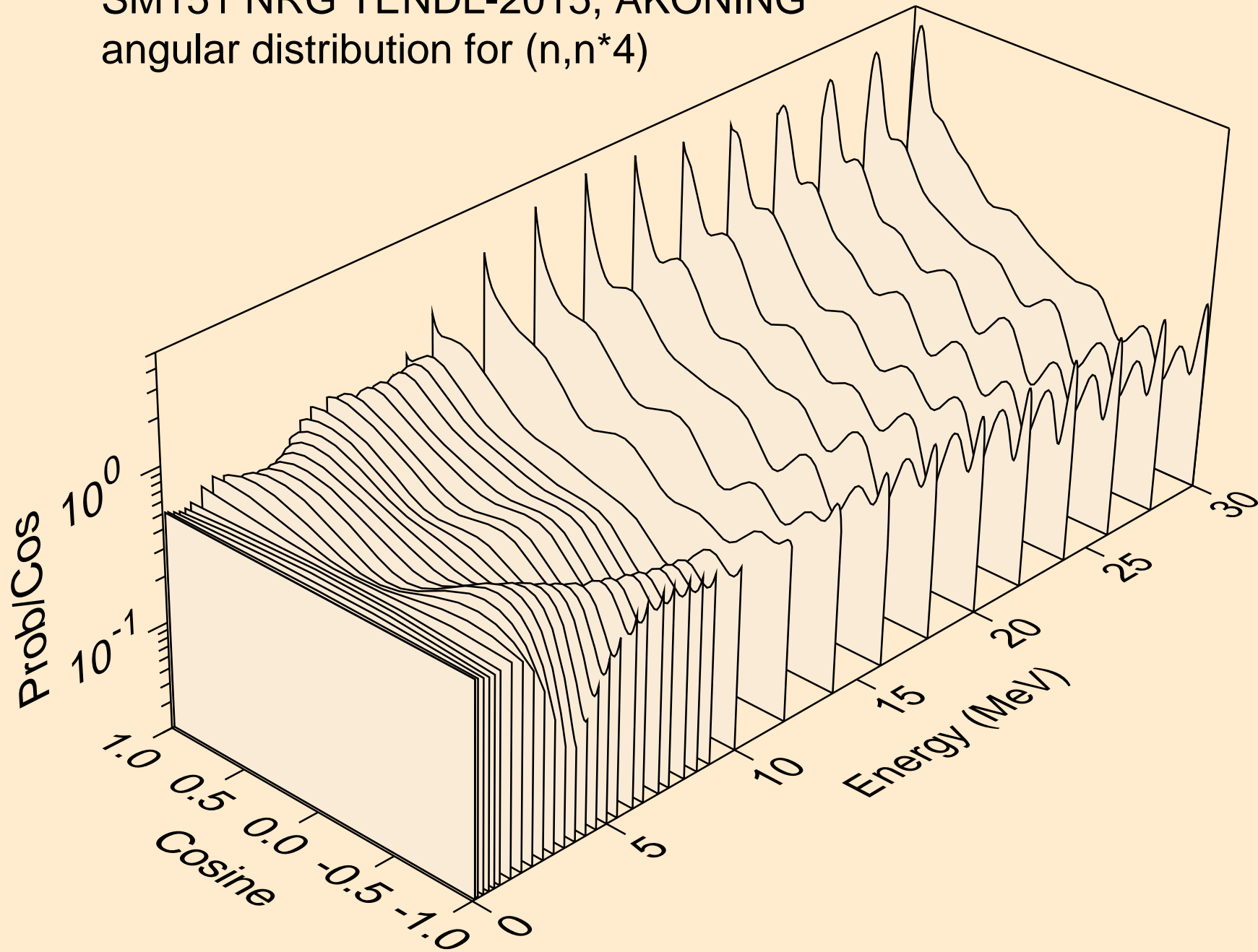
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



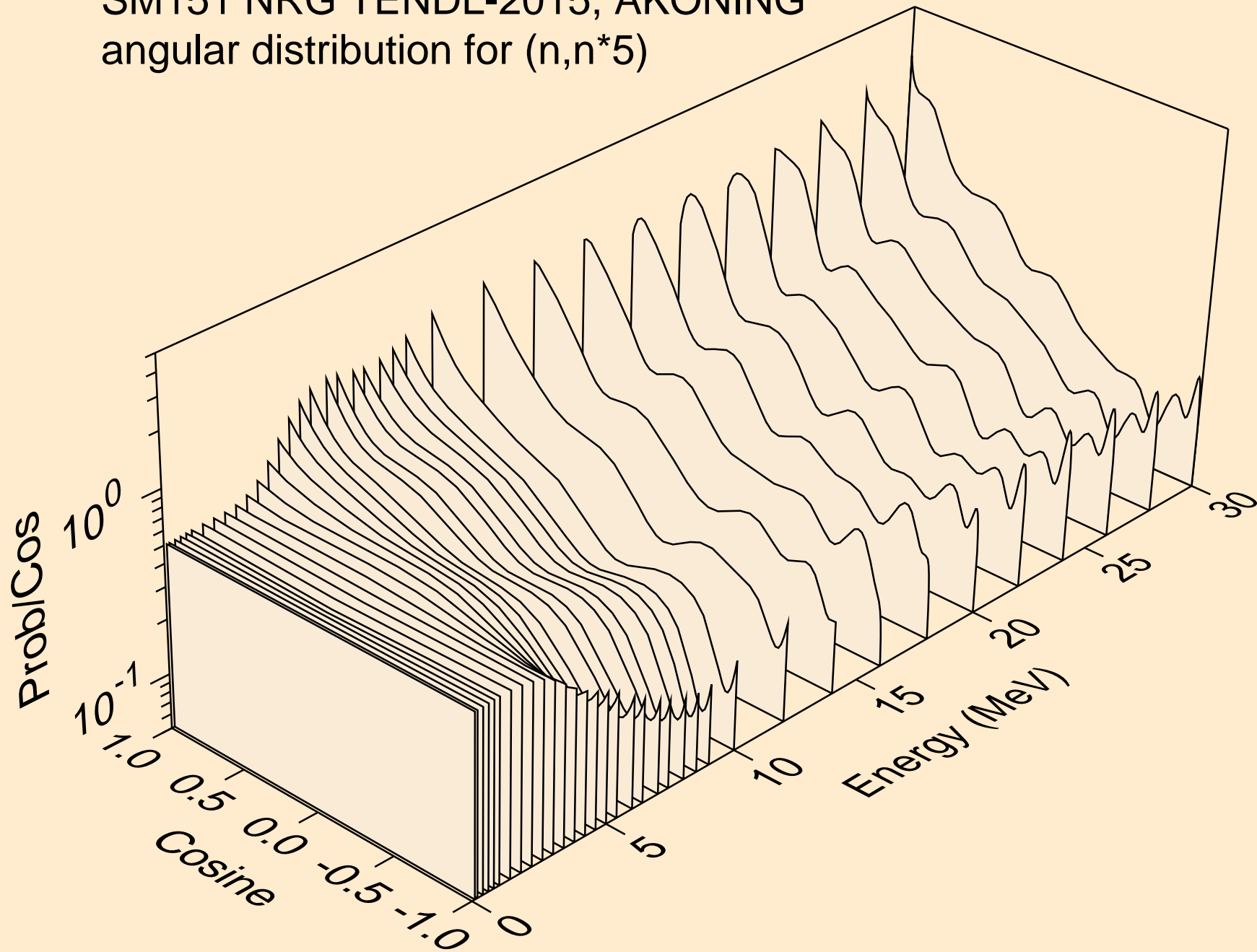
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



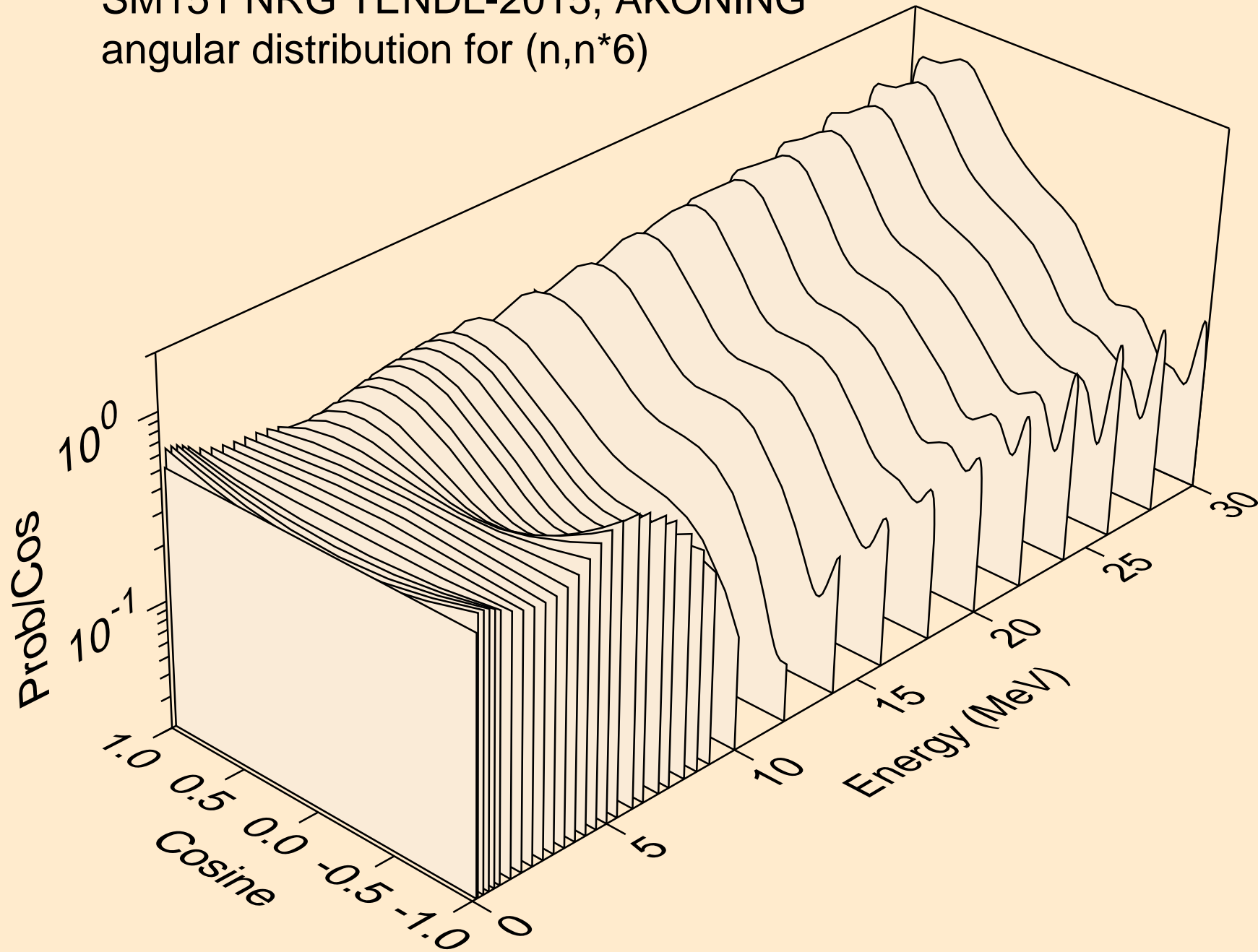
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

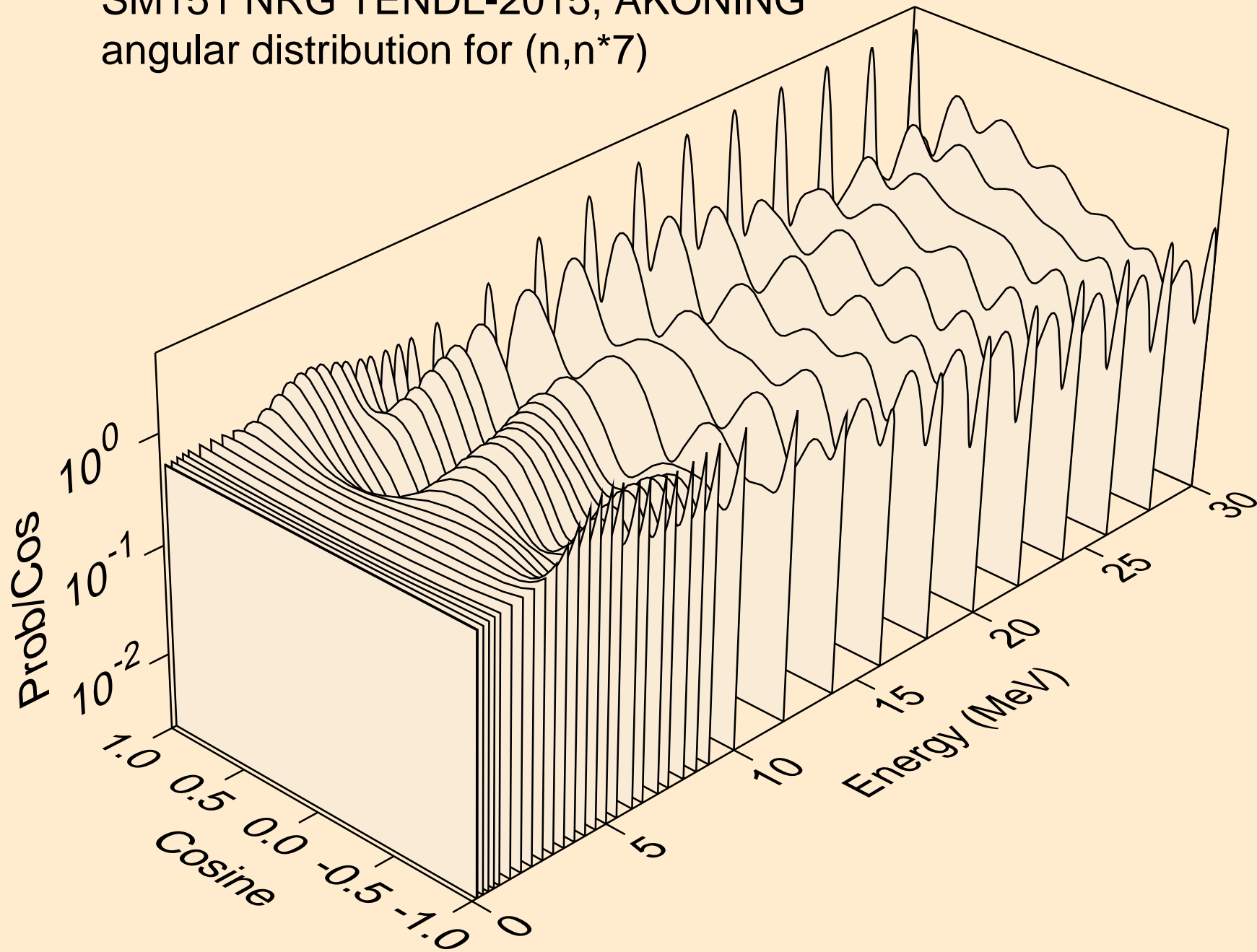


SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

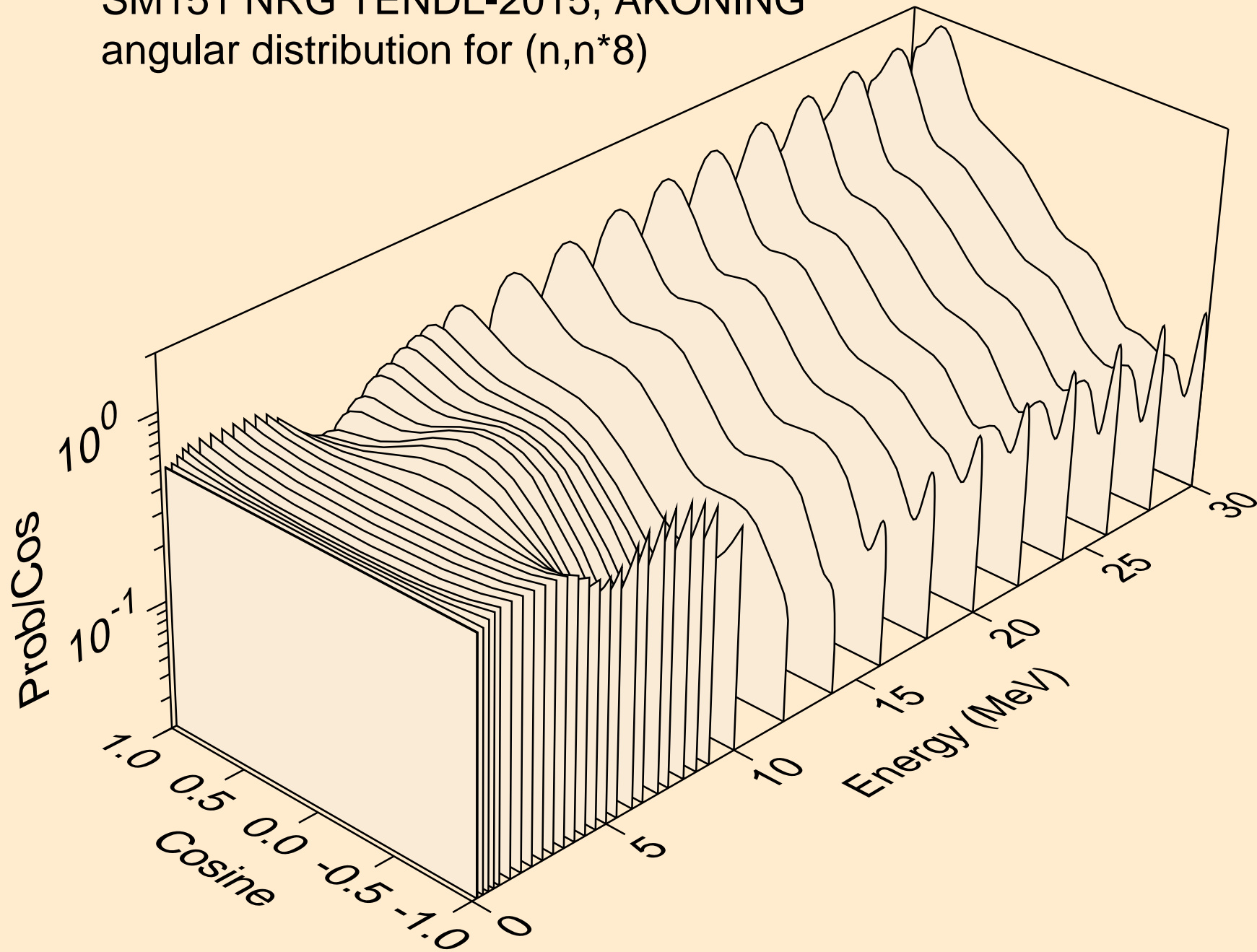




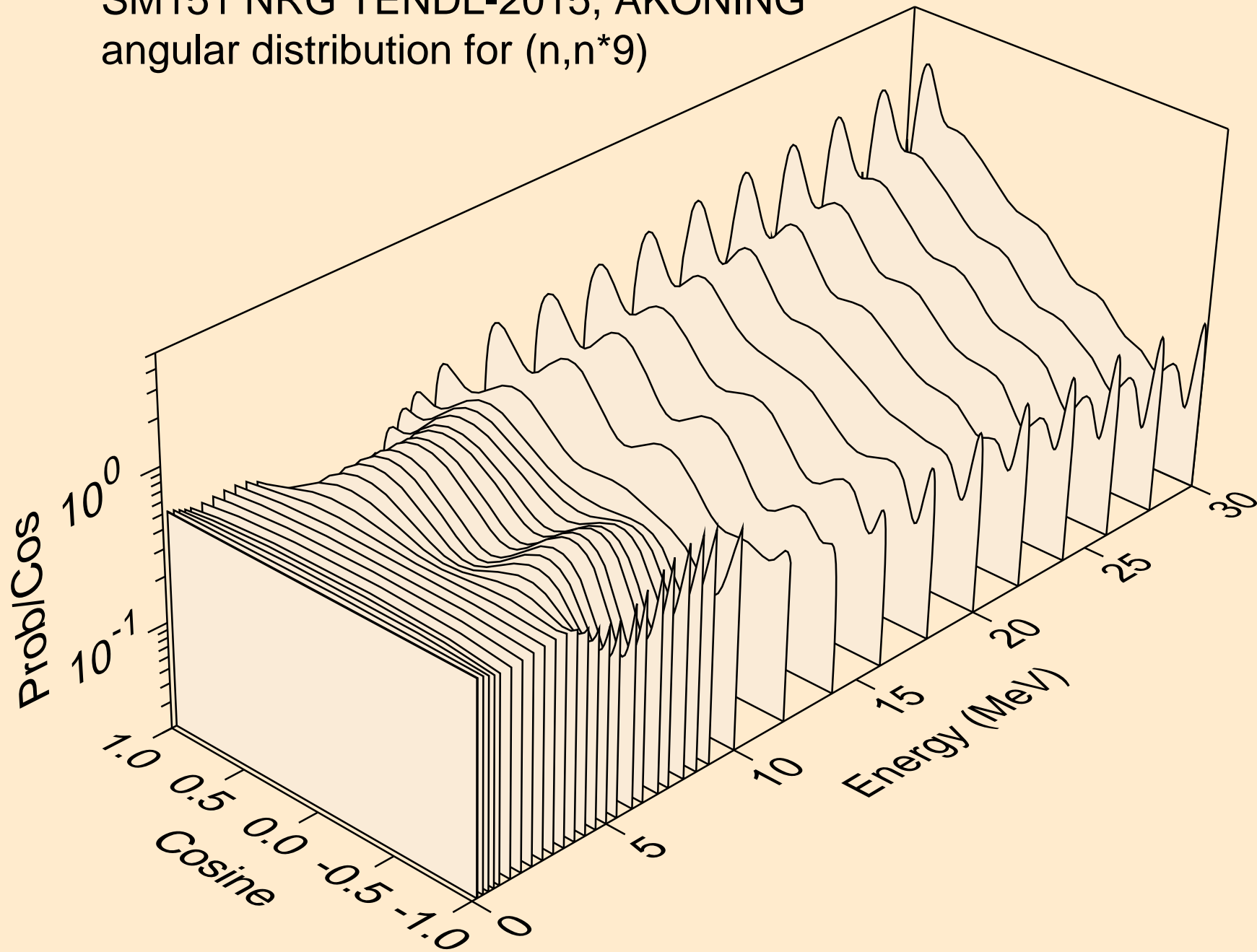
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



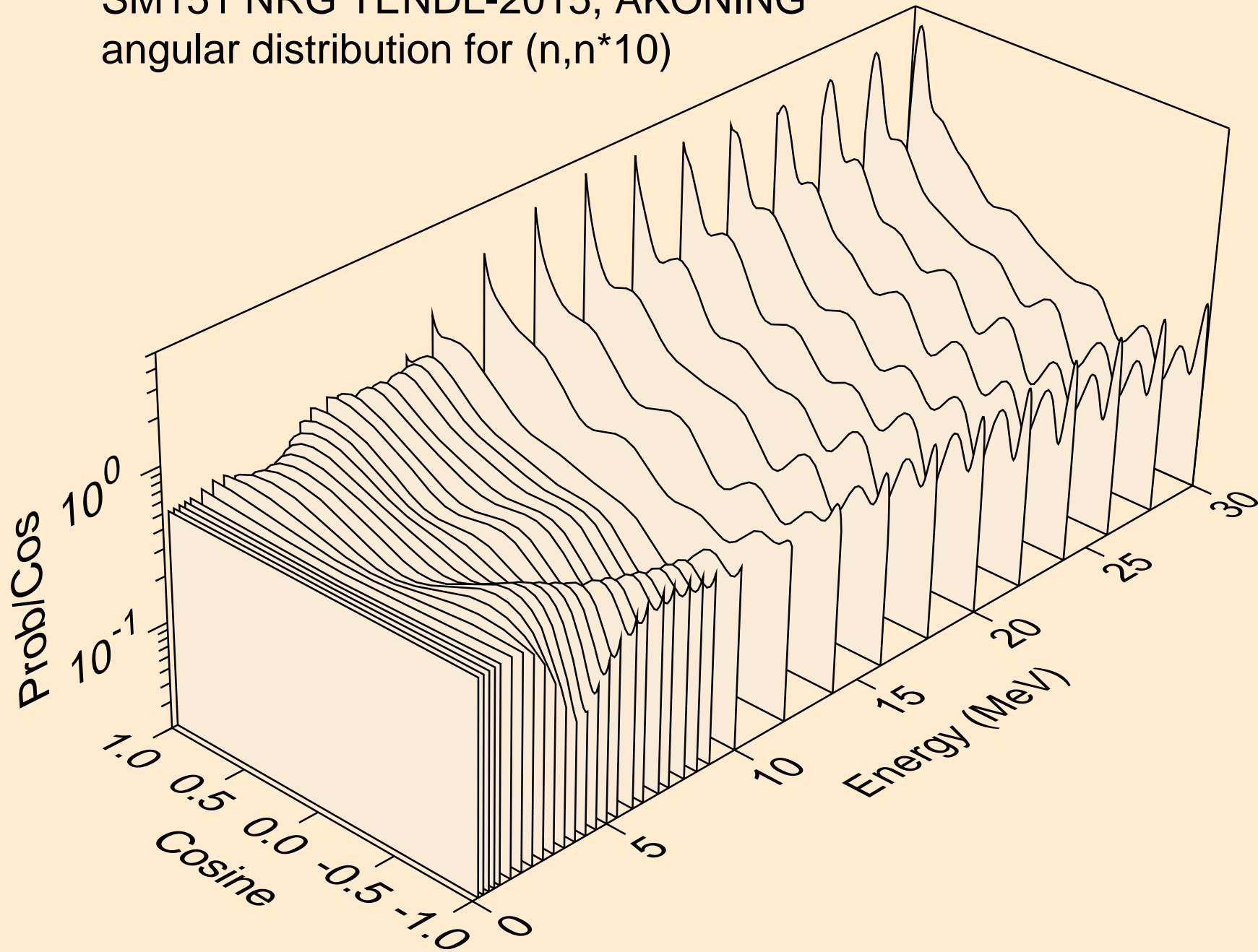
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



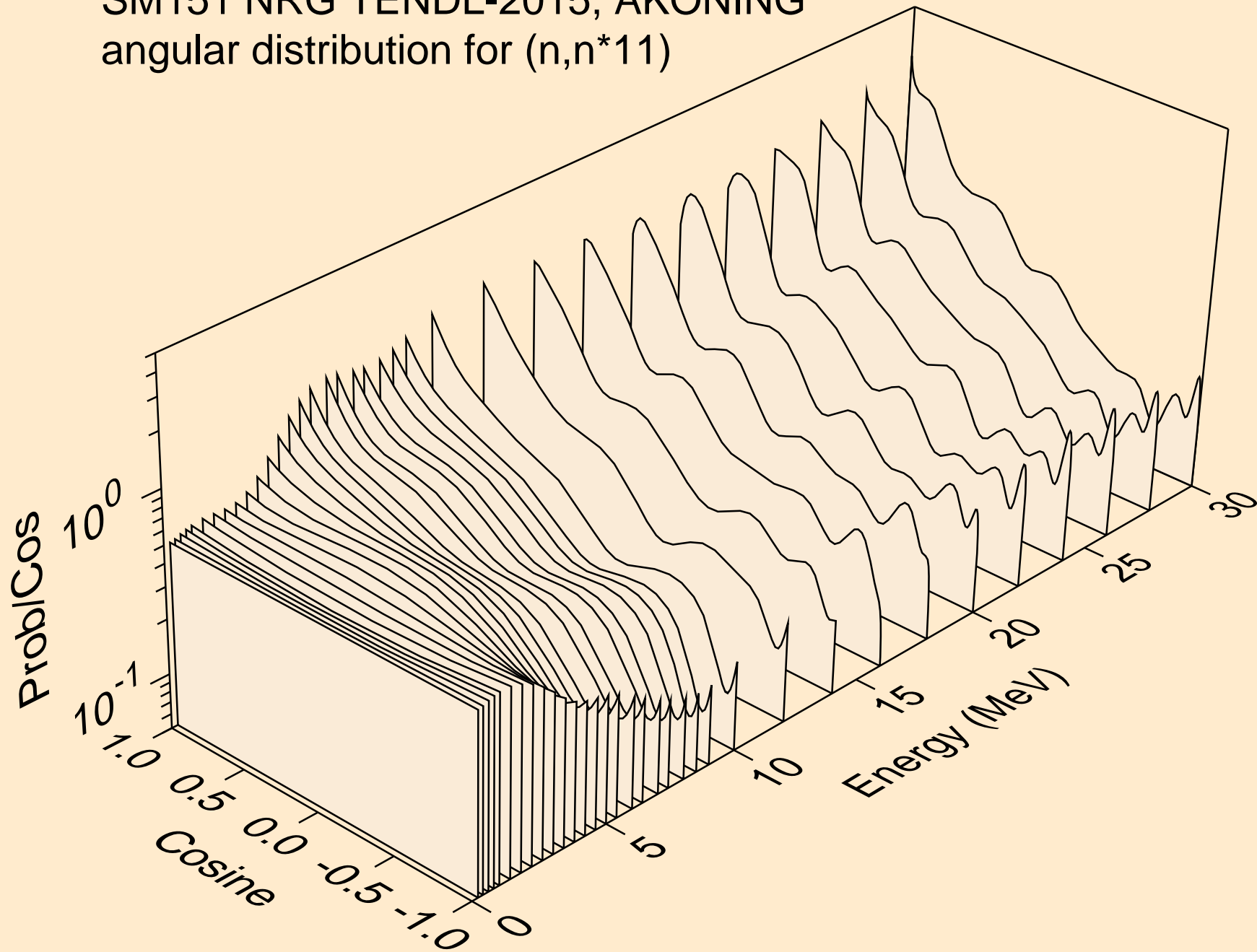
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



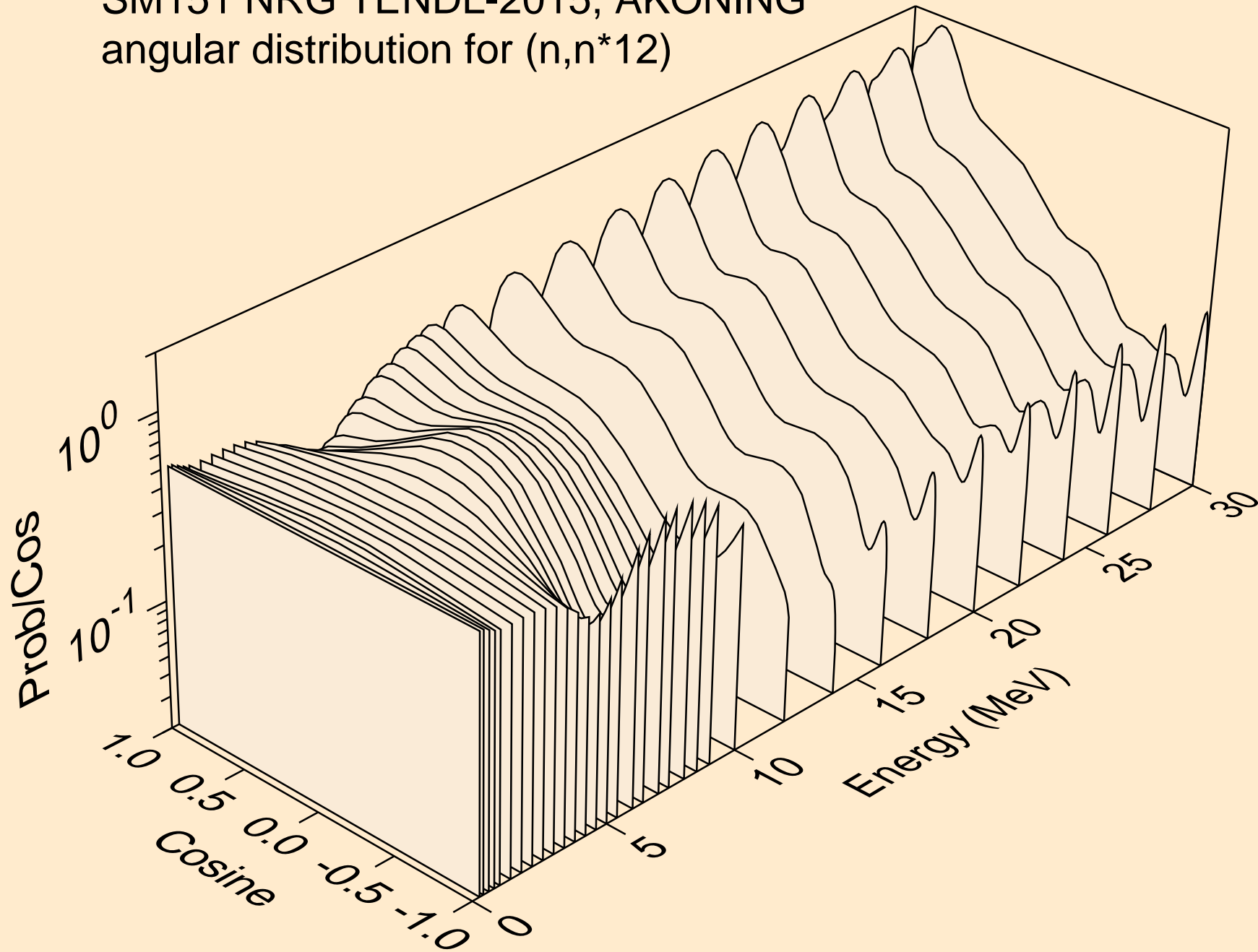
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



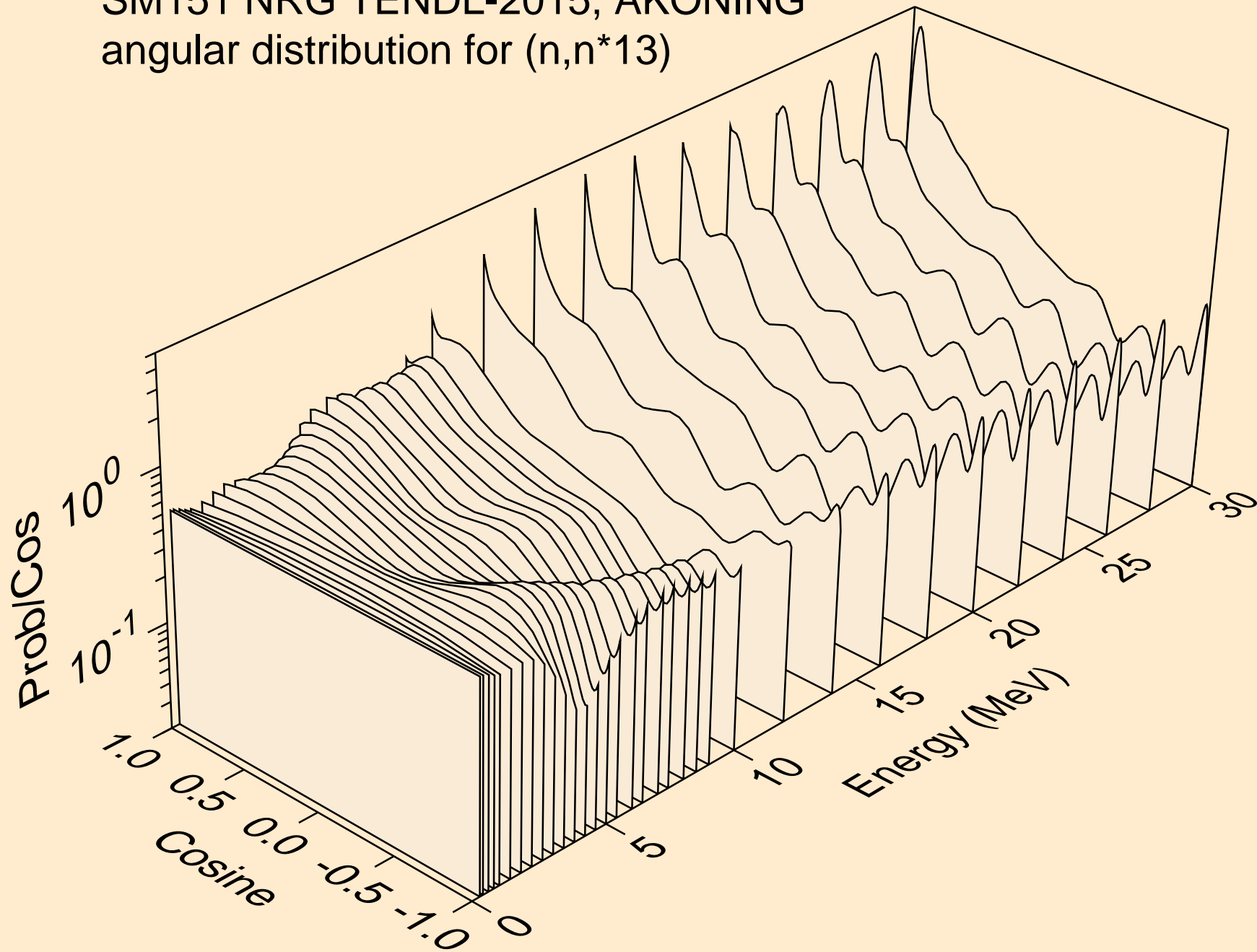
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

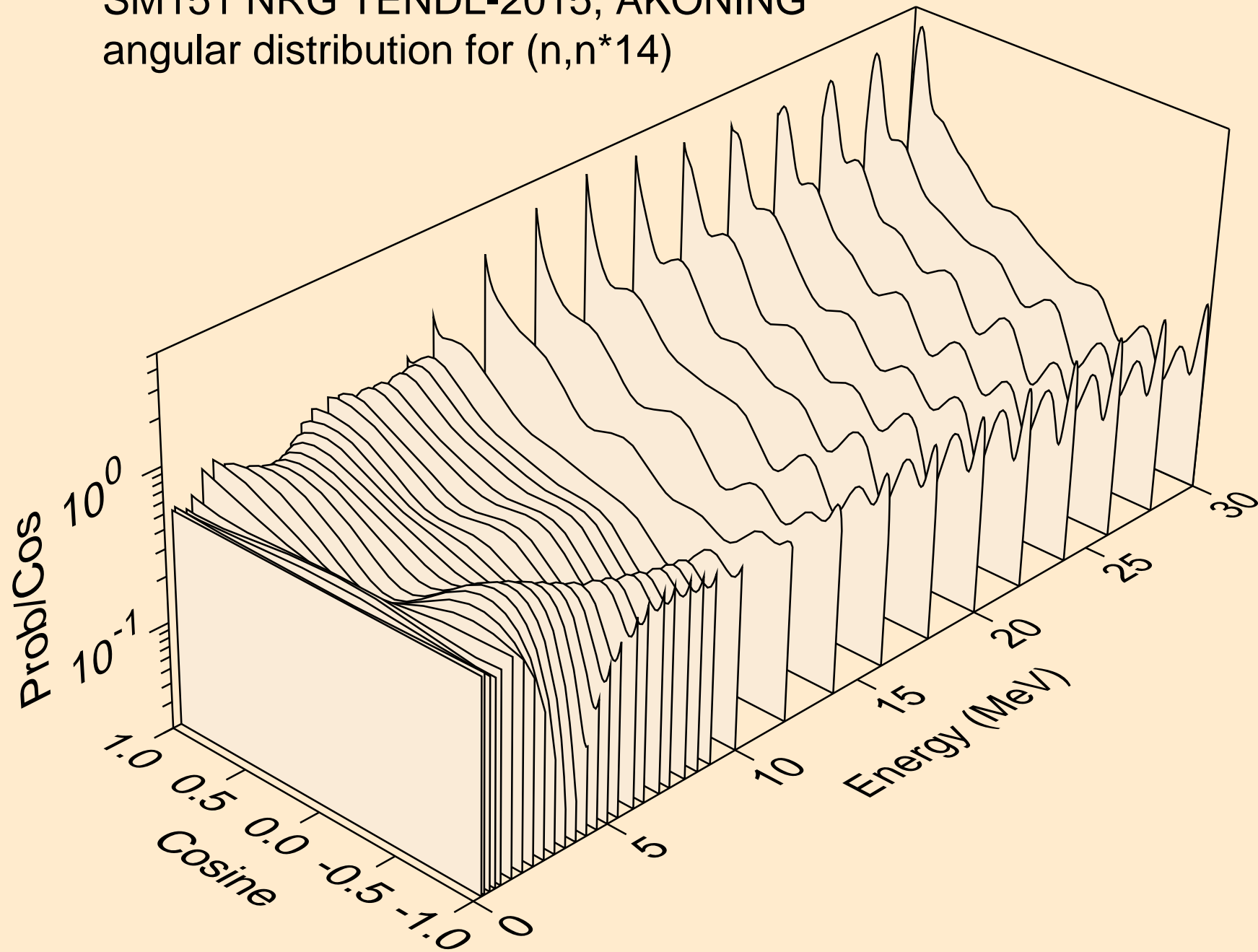


SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



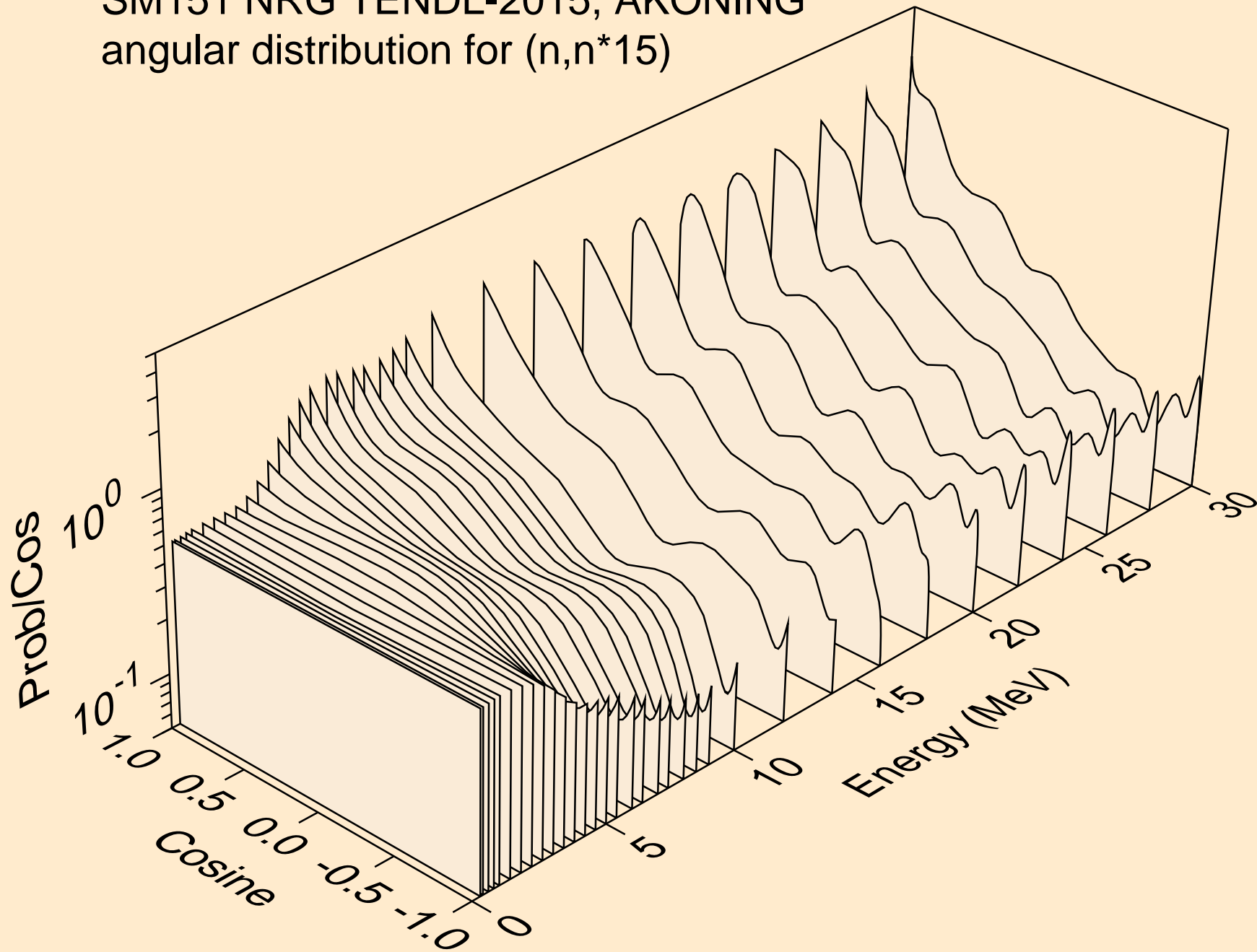


SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

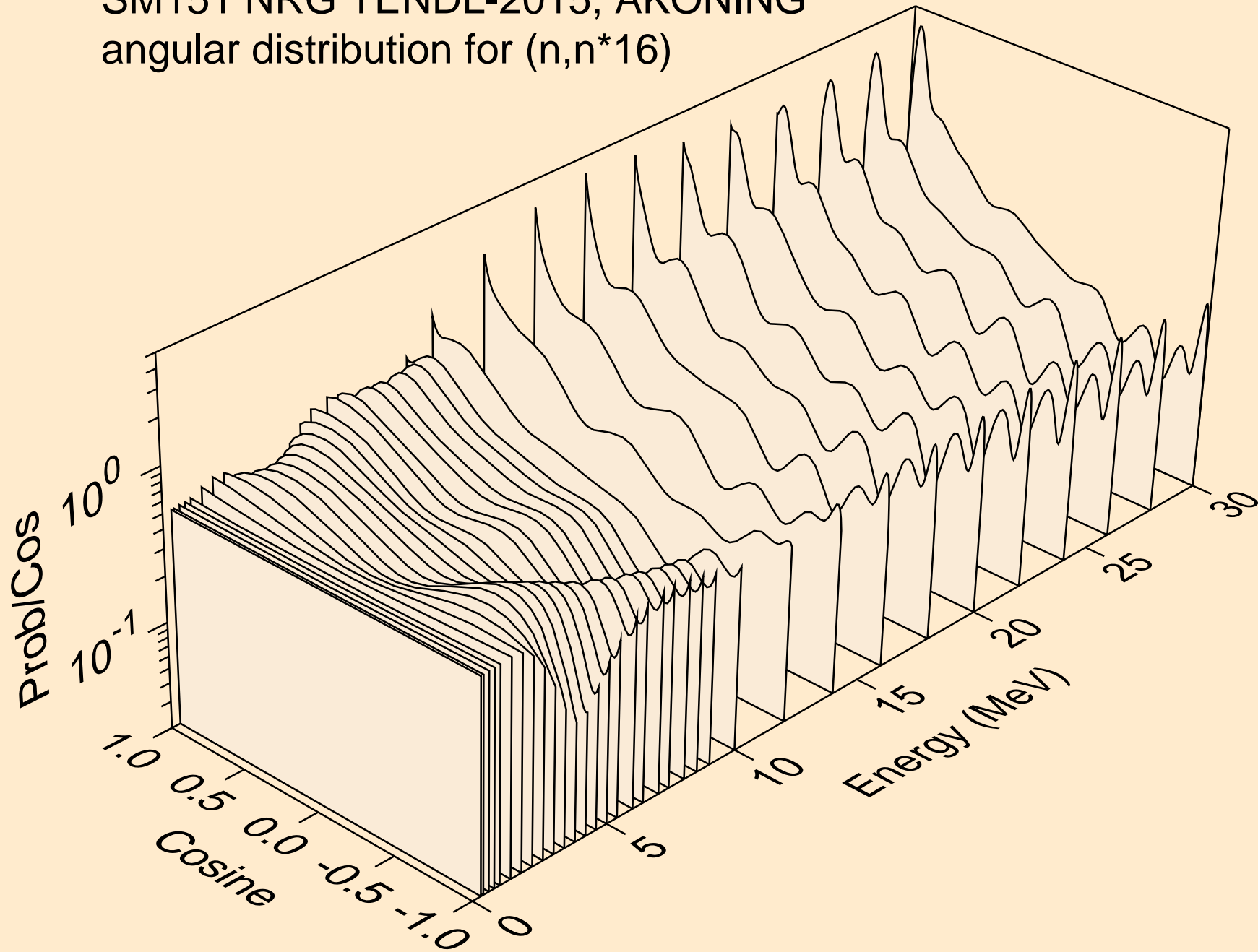




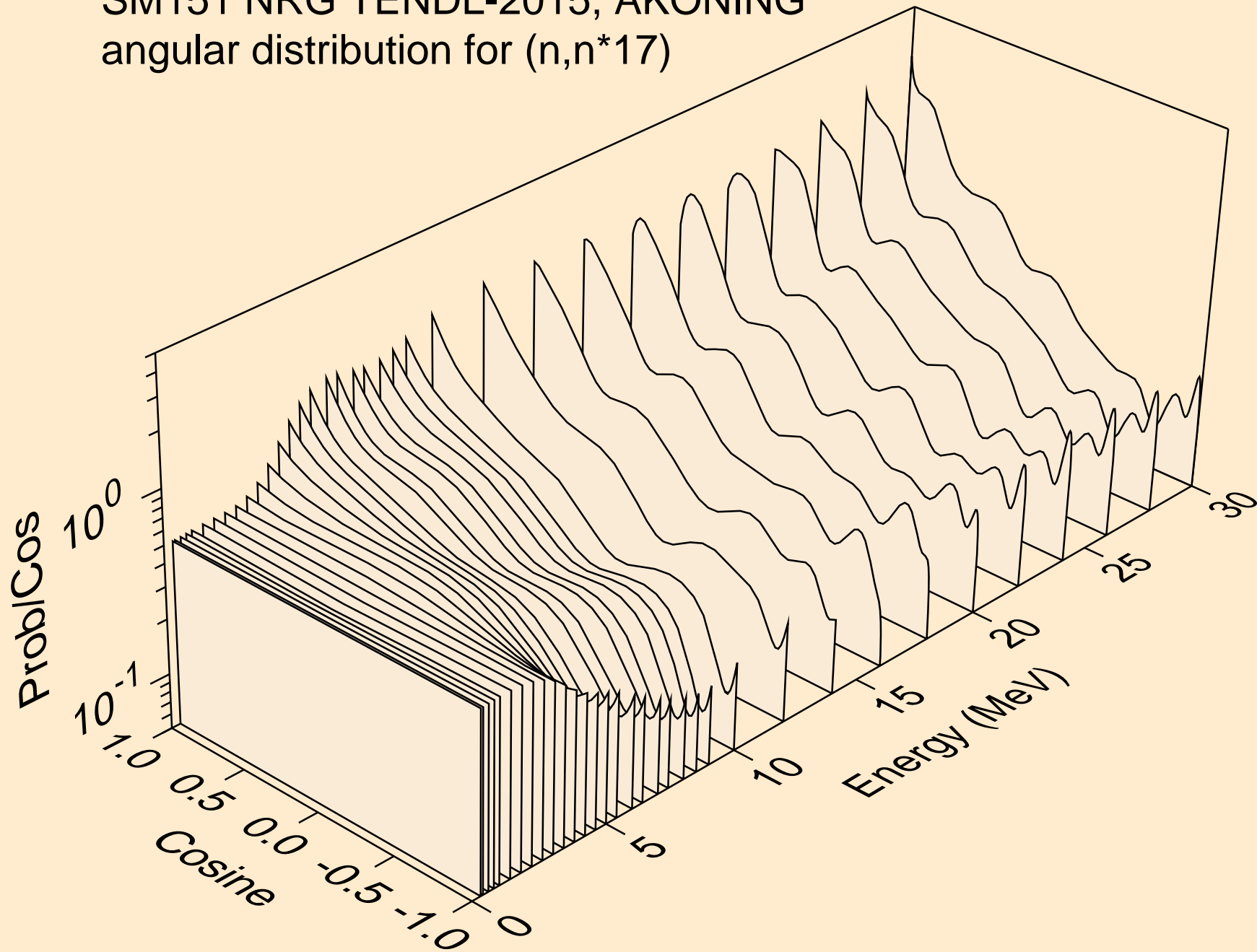
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



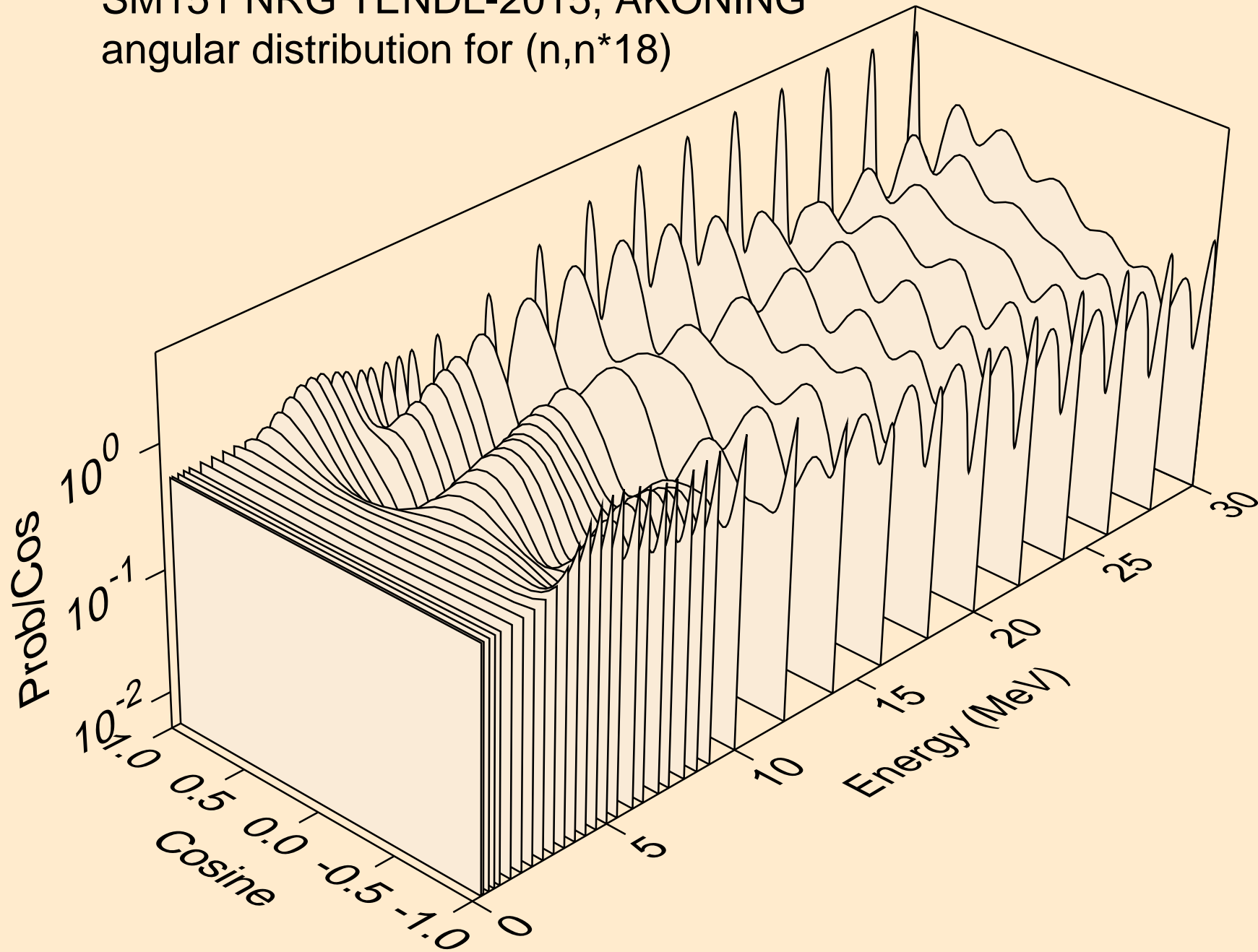
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



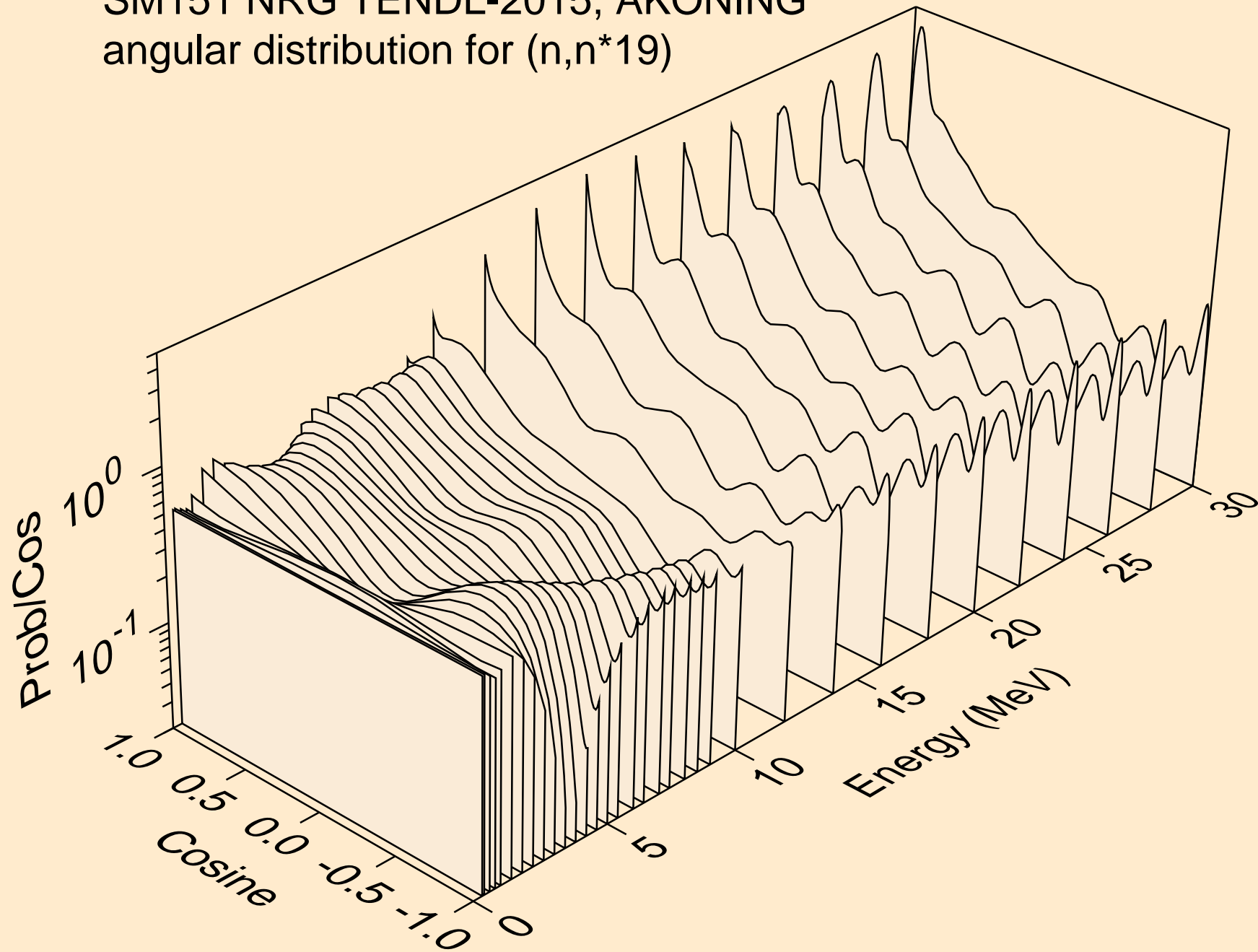
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



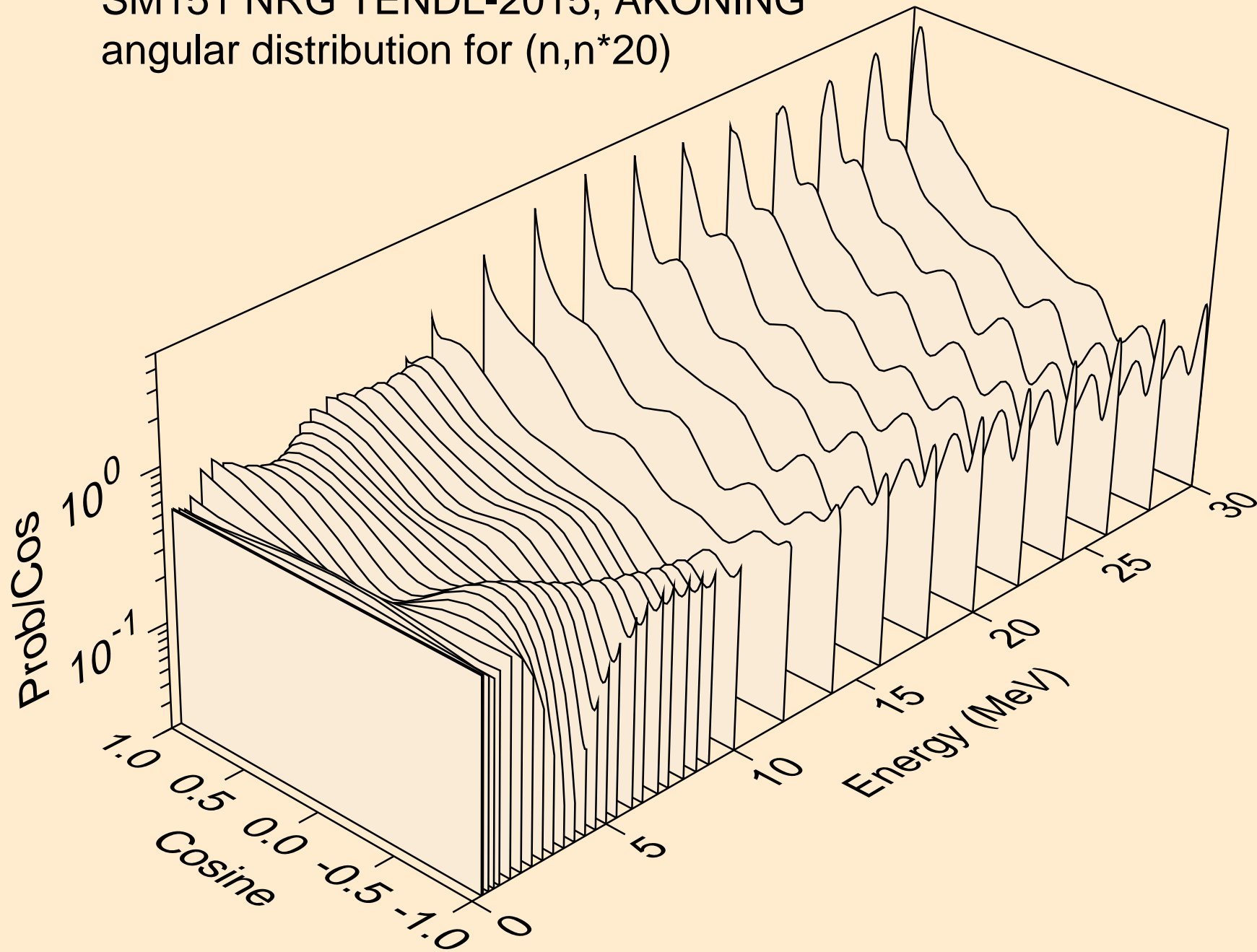
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



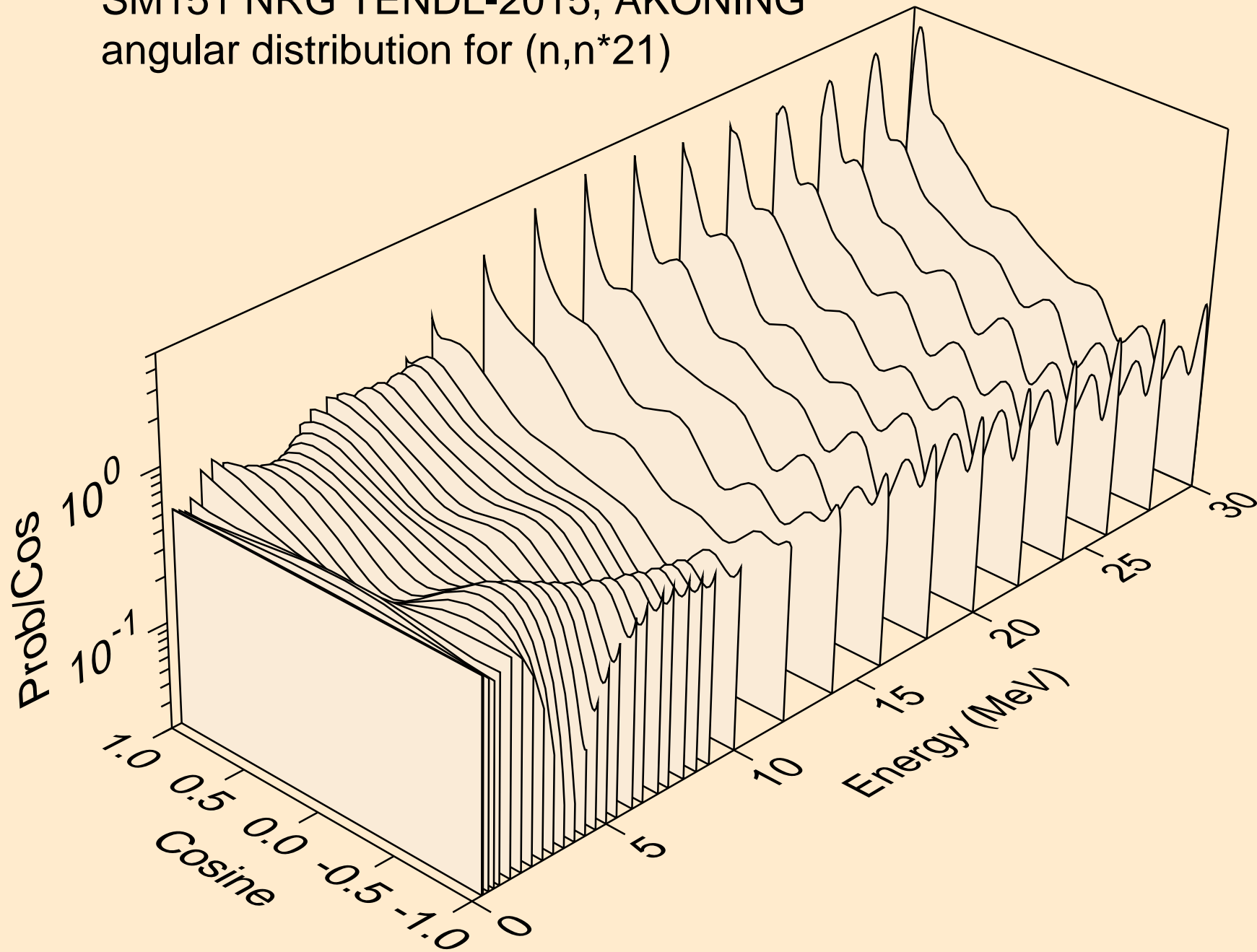
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

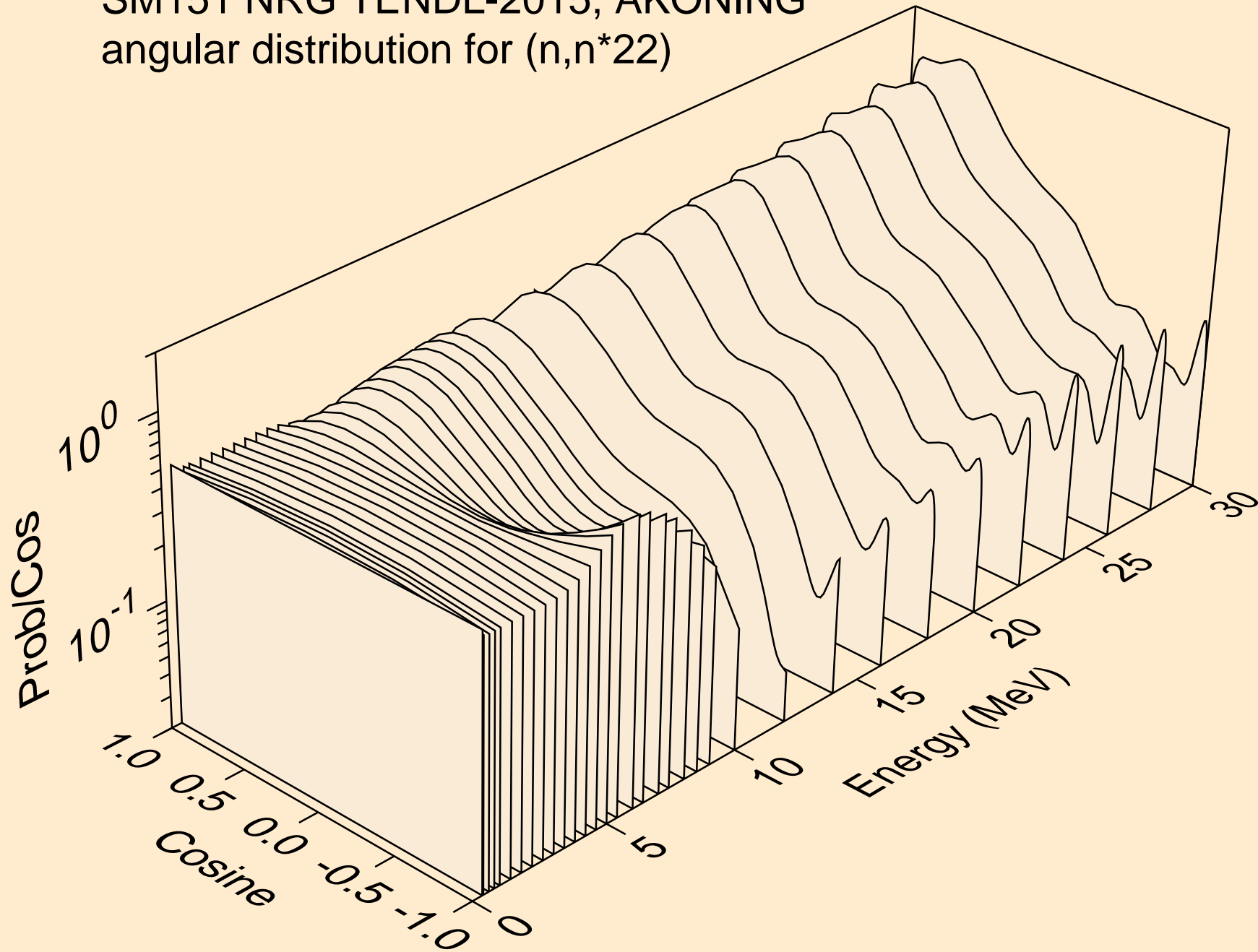


SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



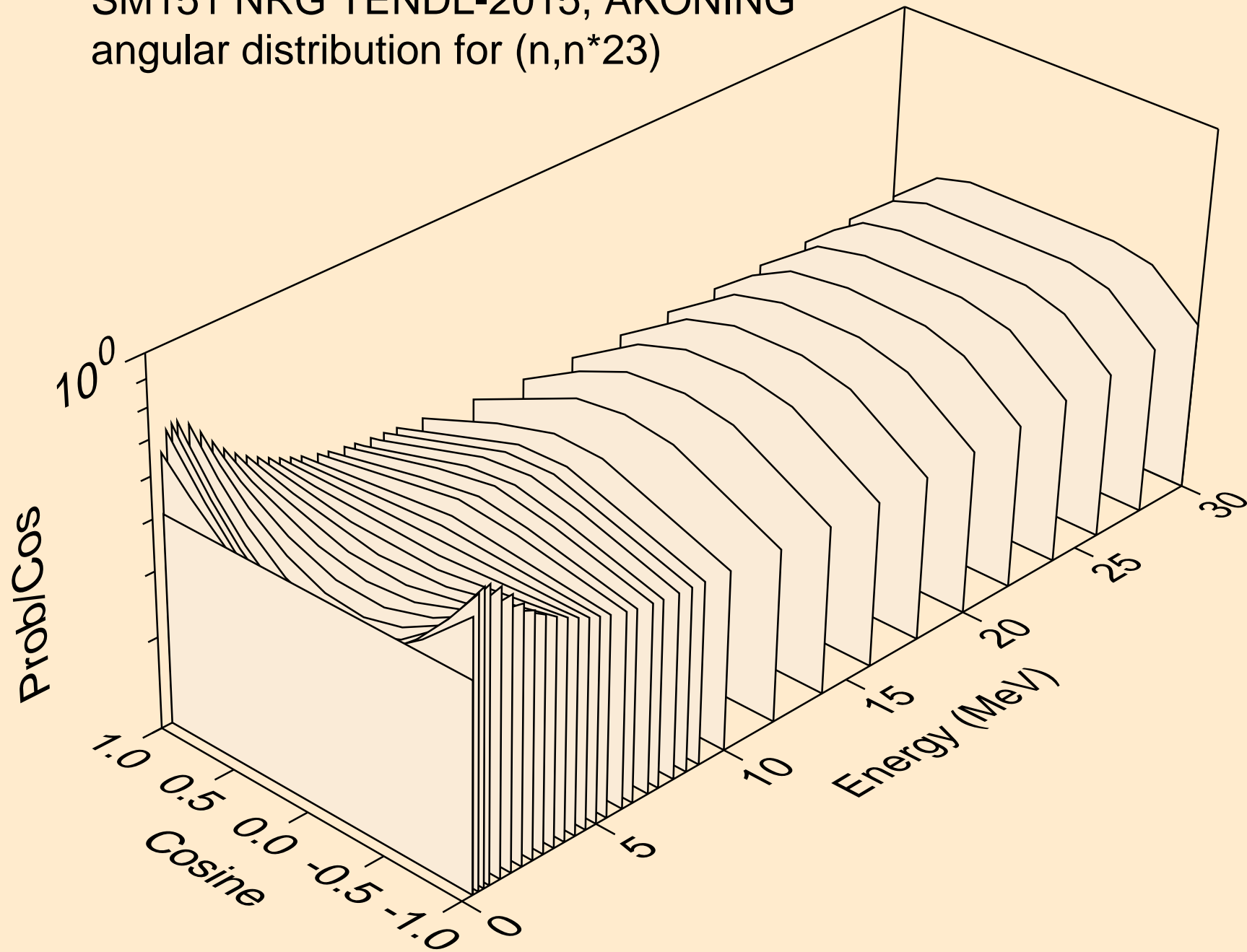


SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

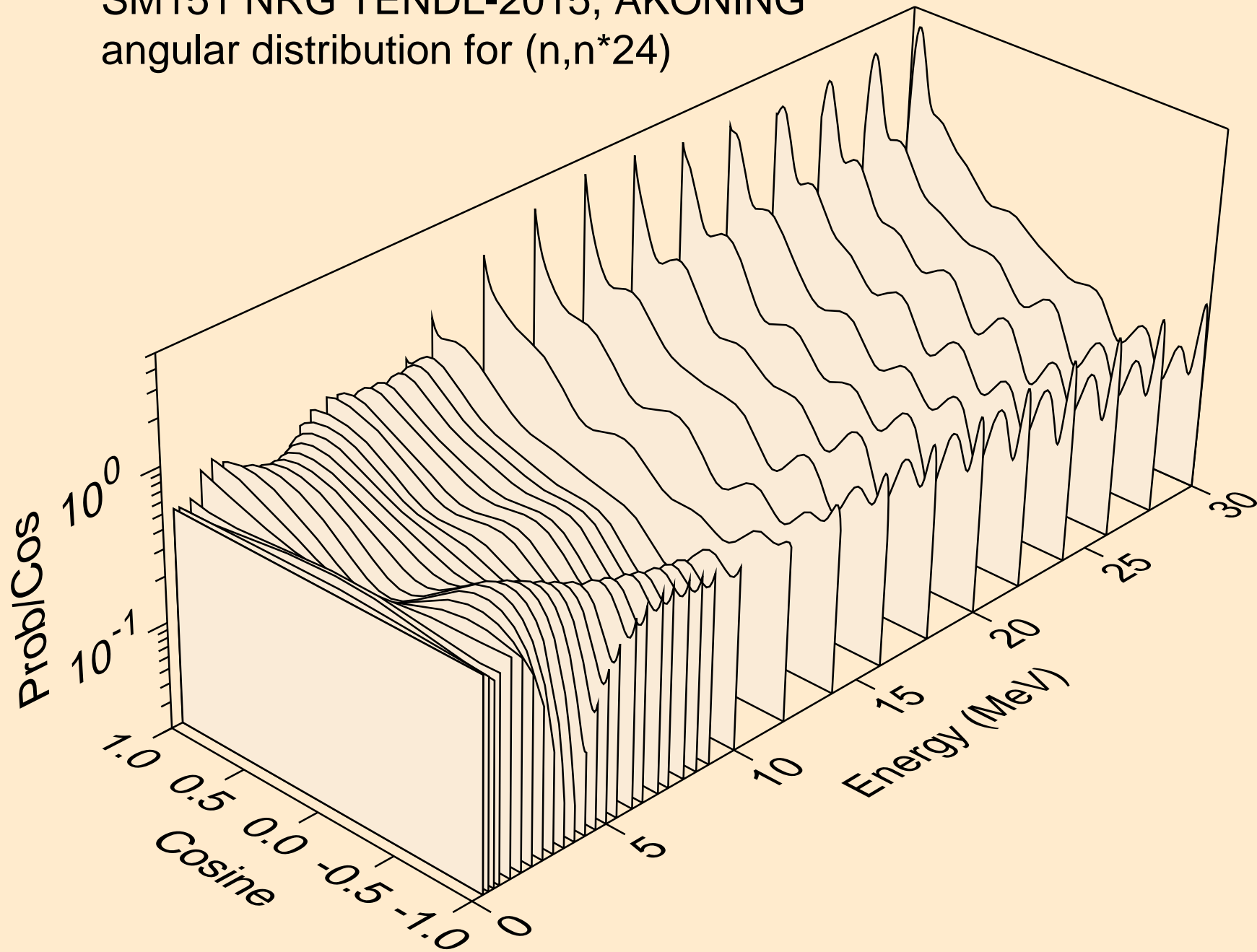




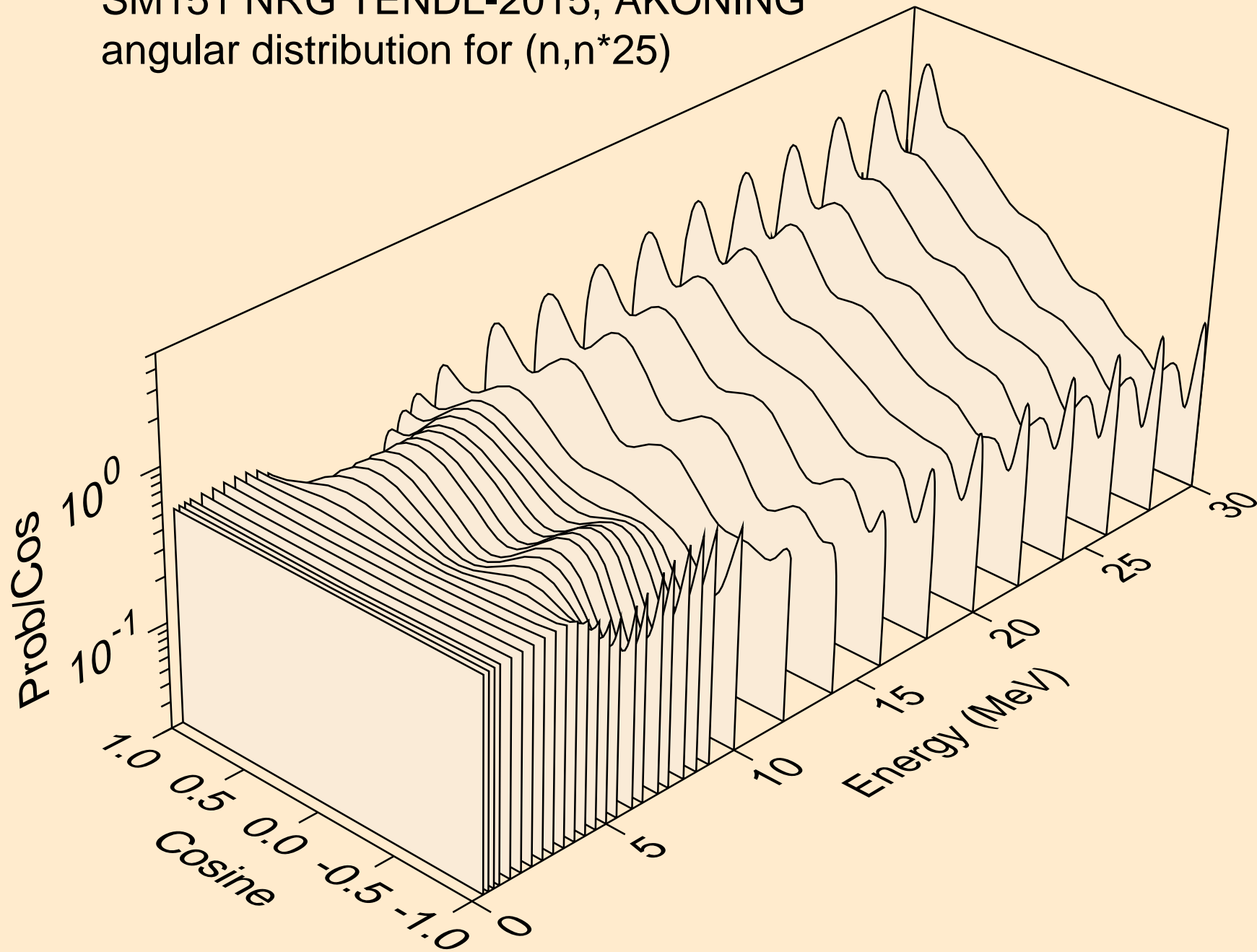
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



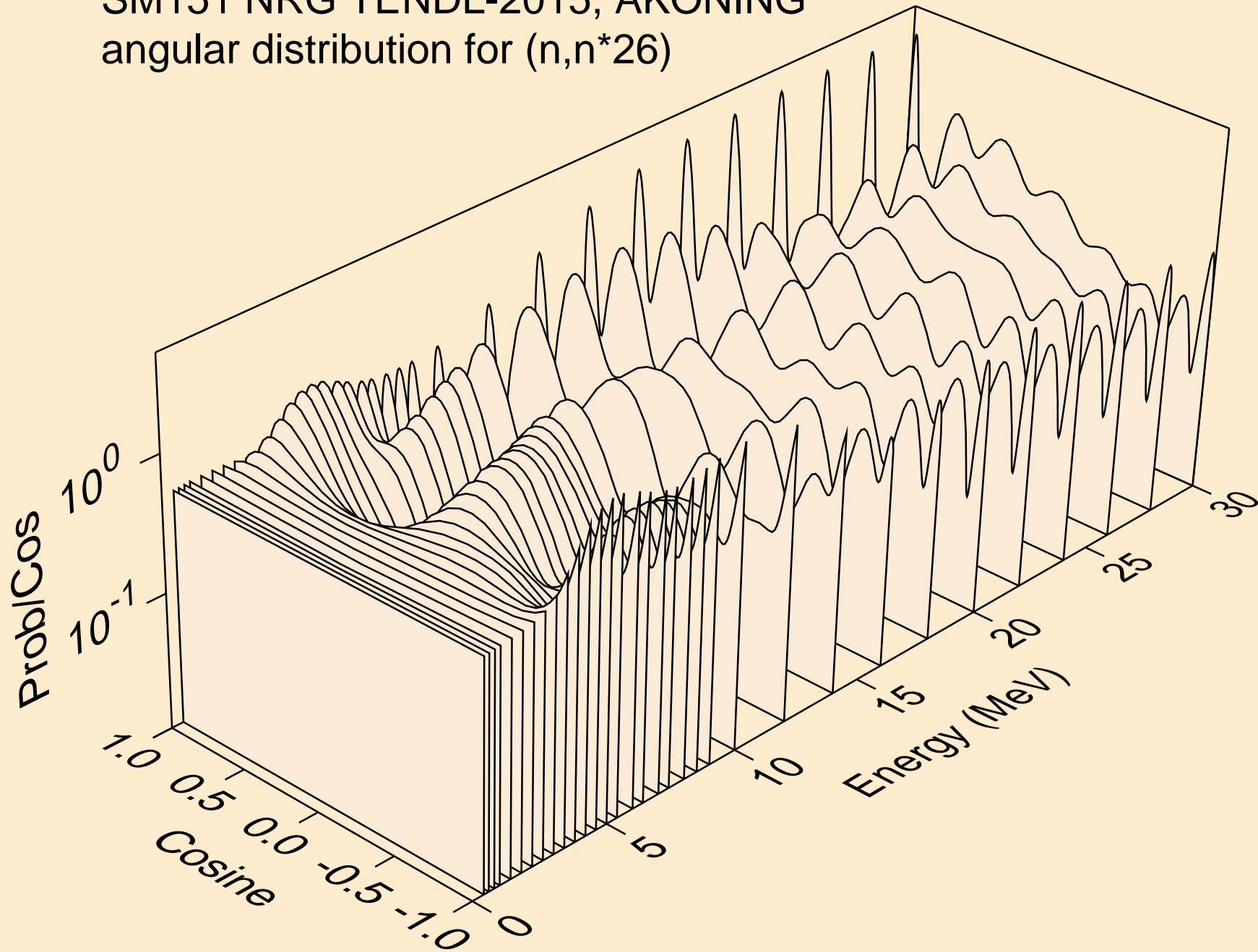
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



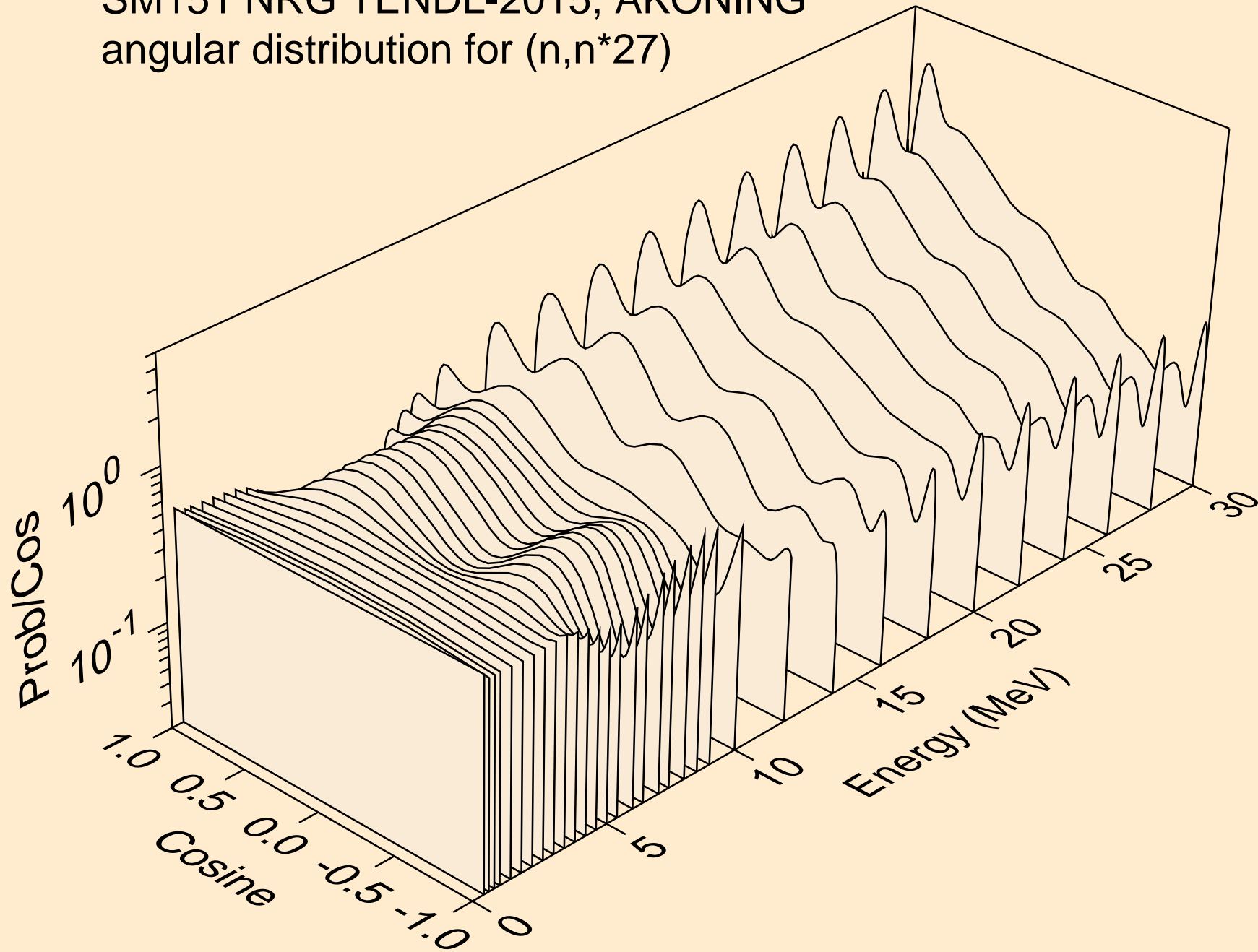
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



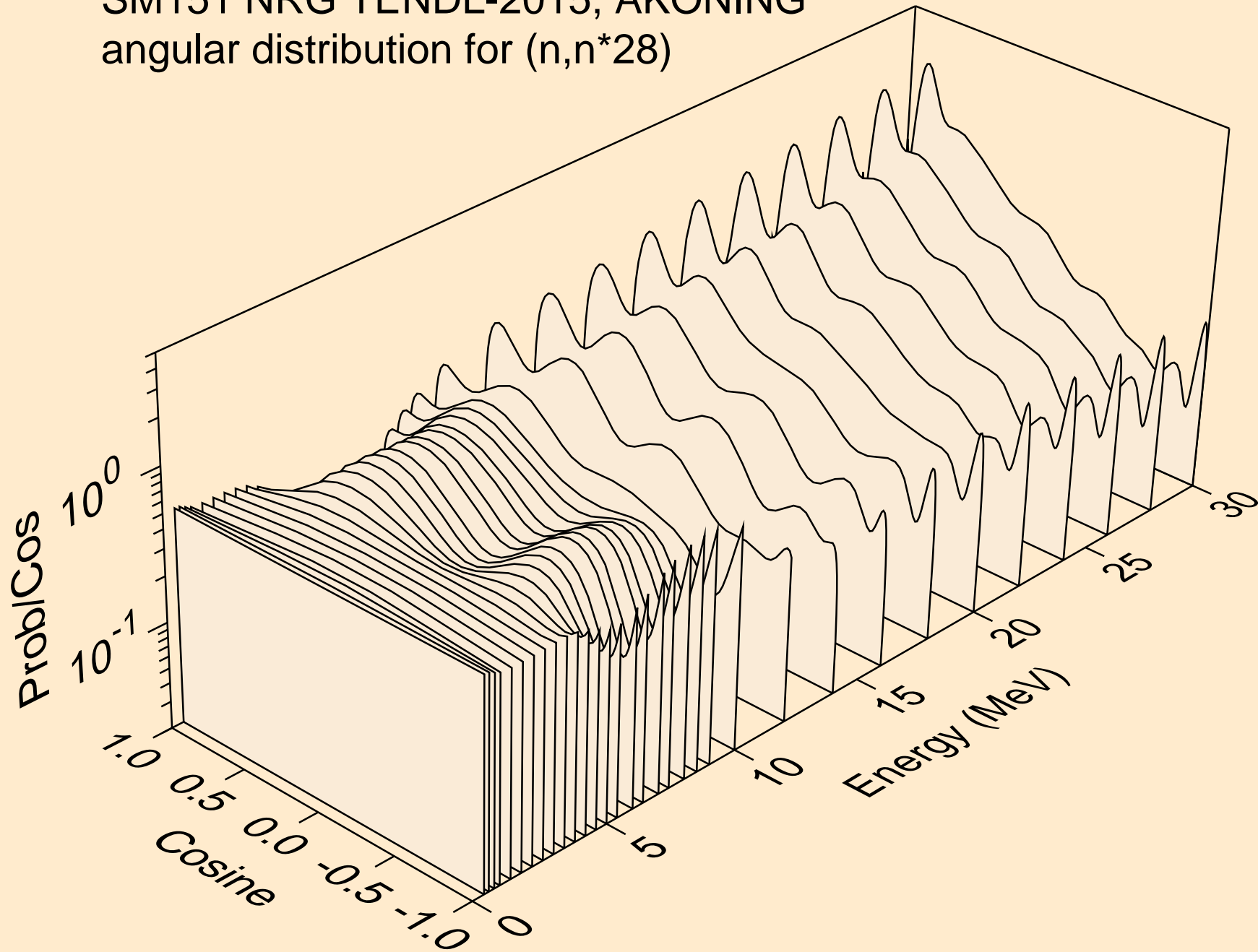
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



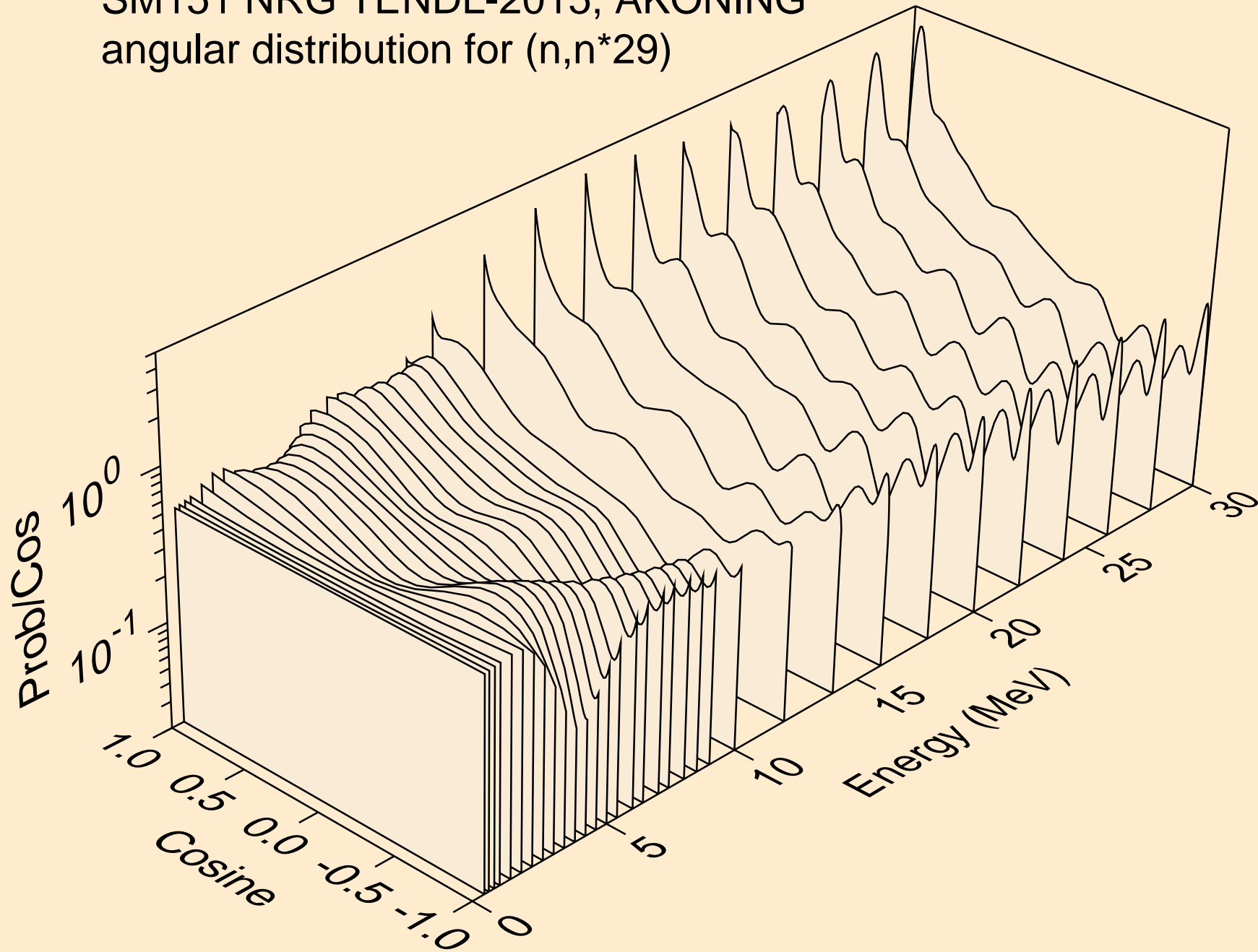
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



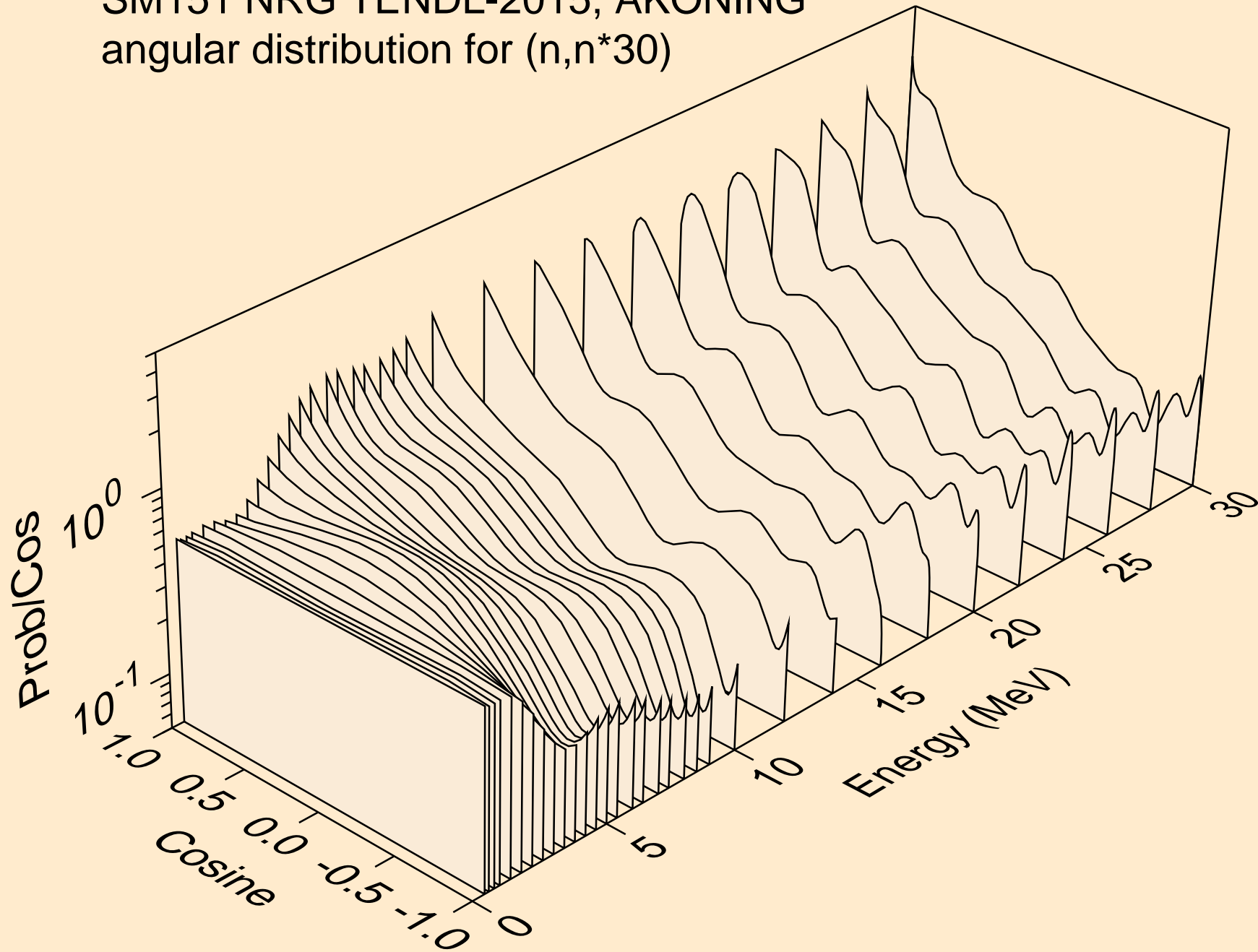
SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

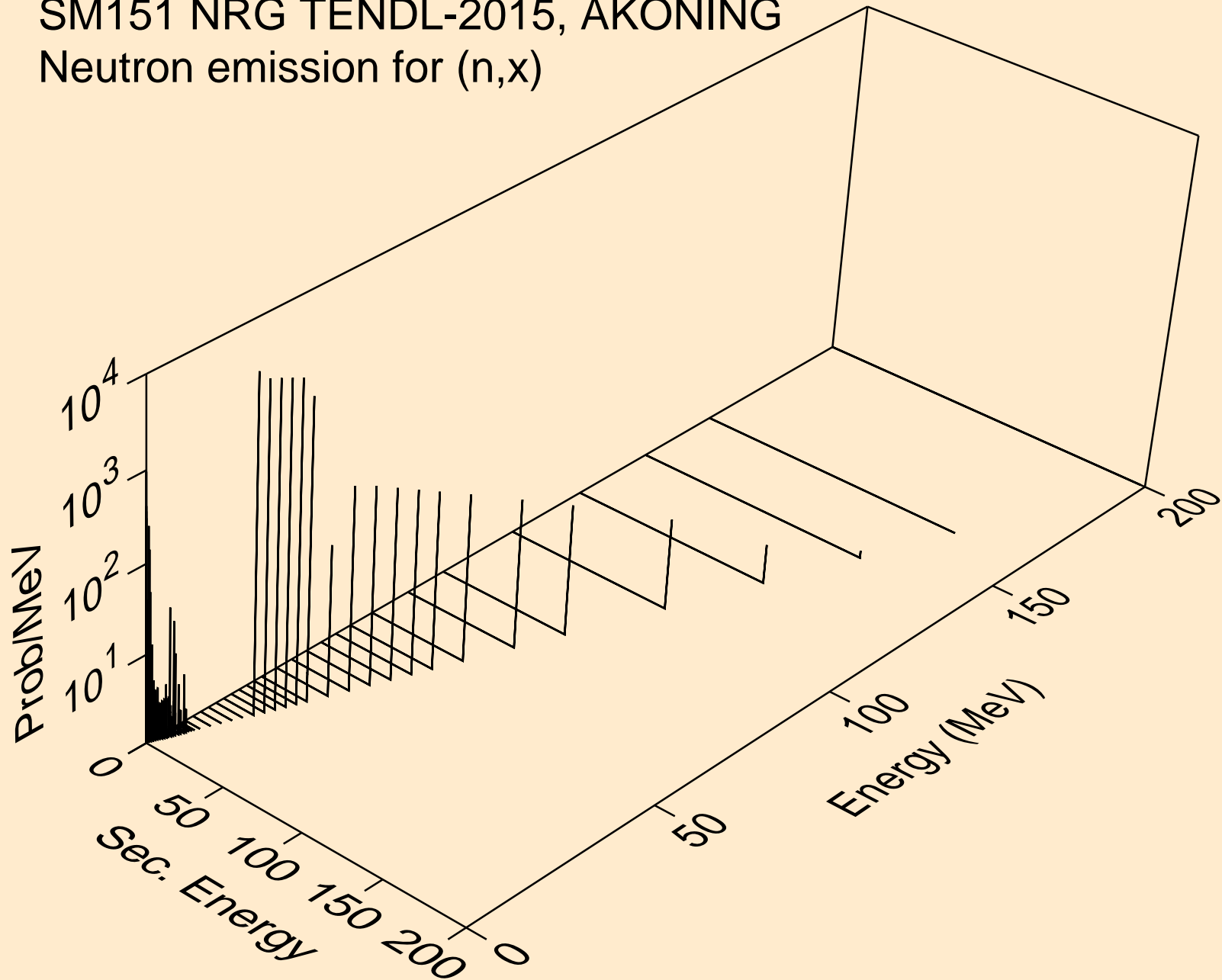


SM151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

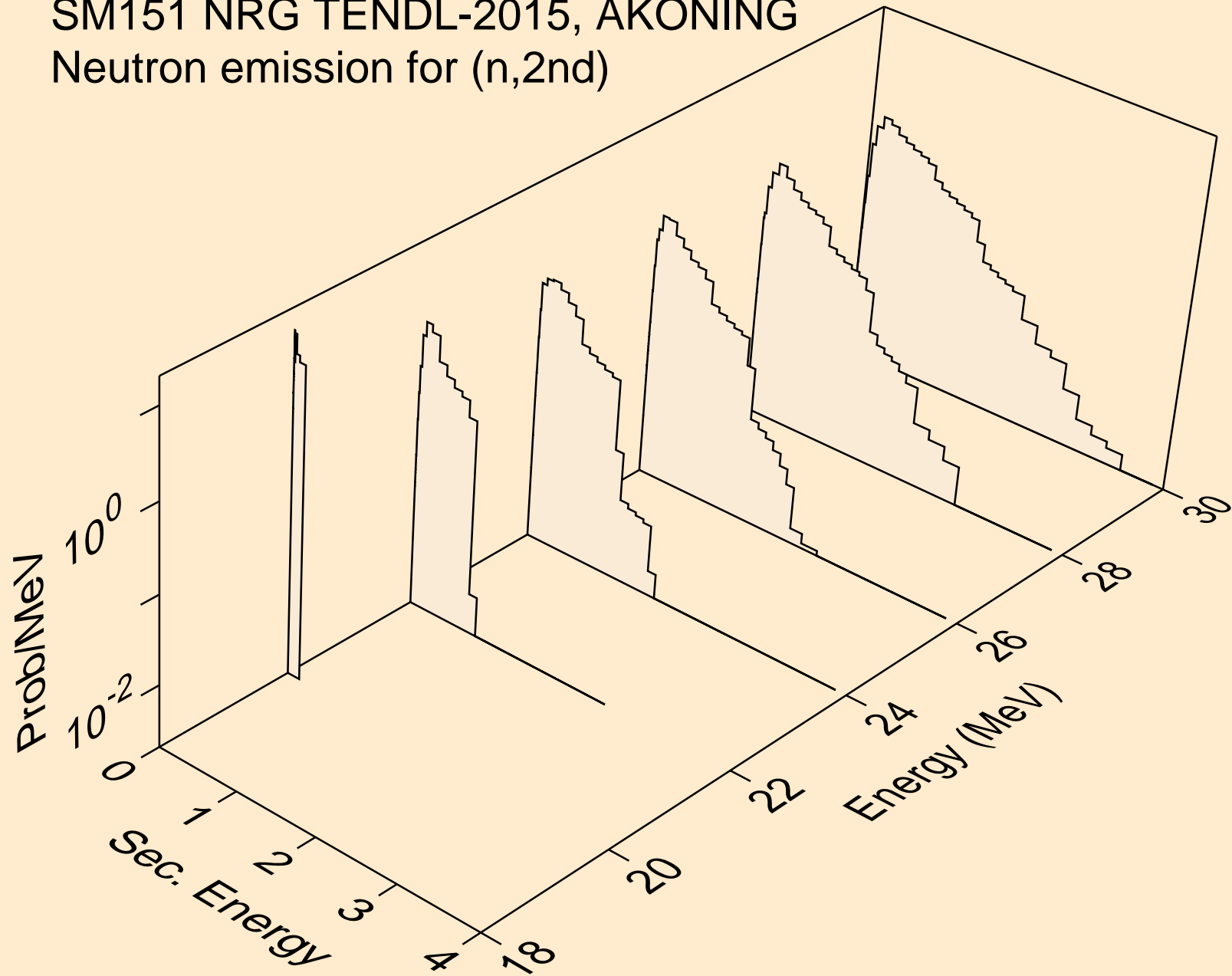




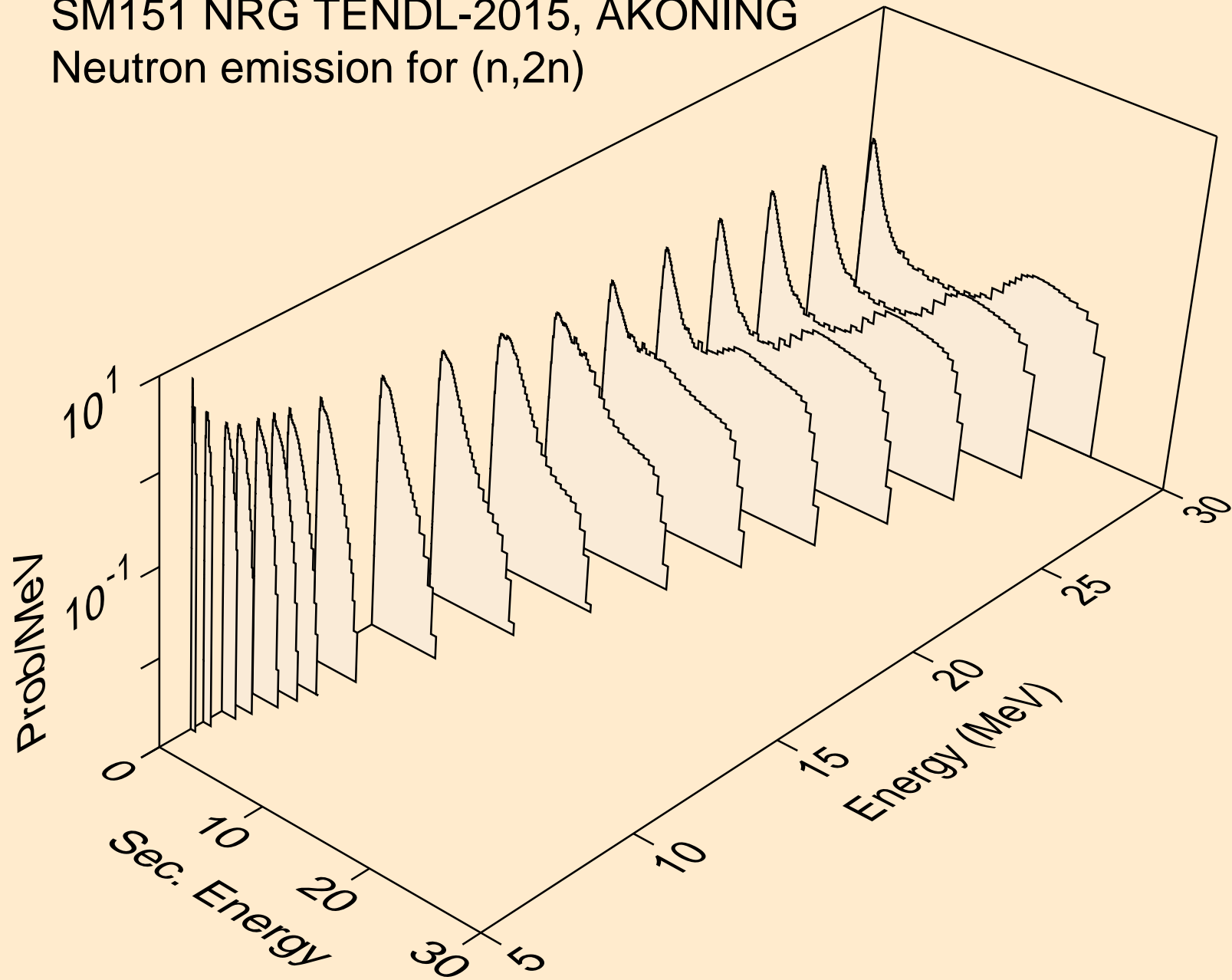
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



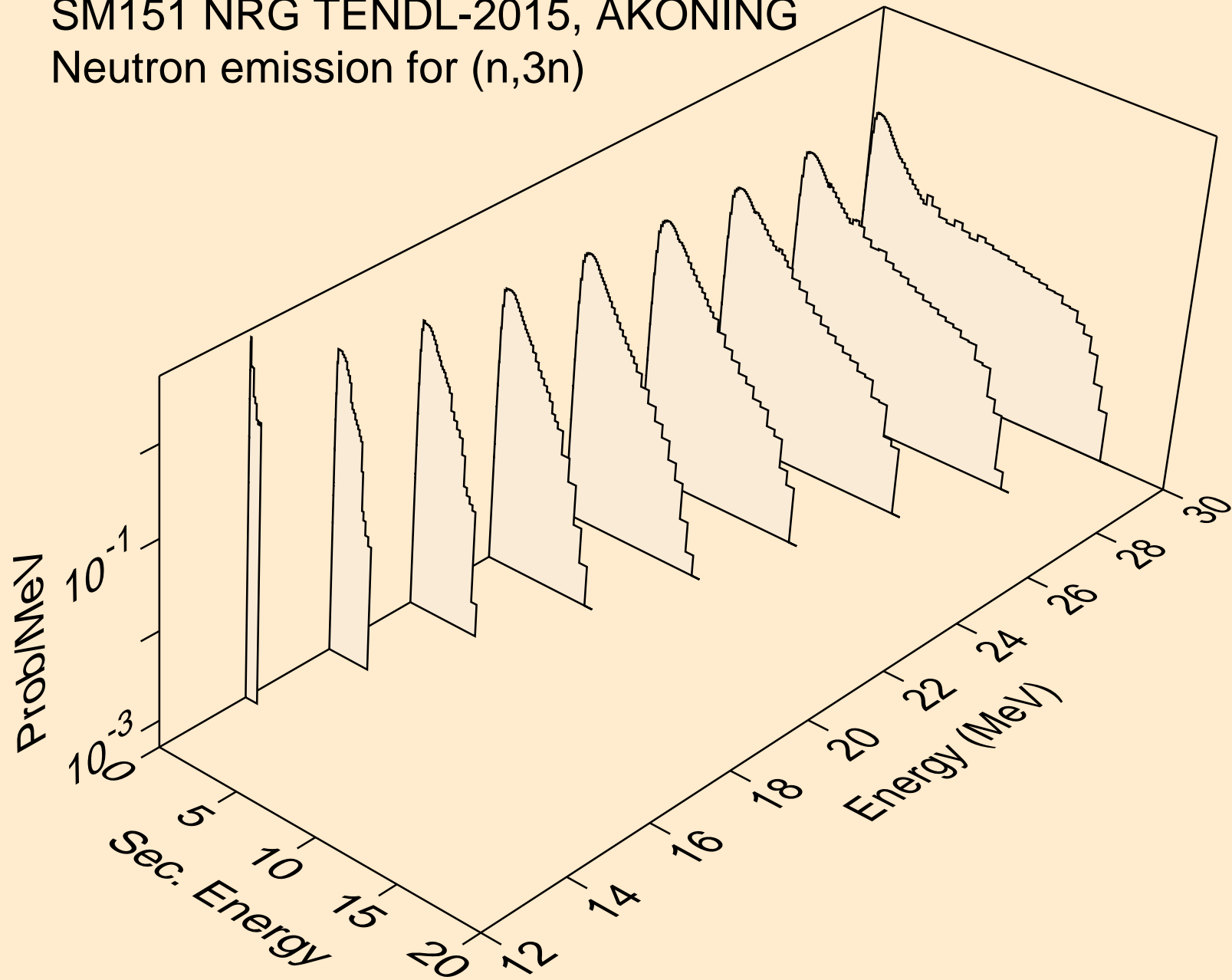
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



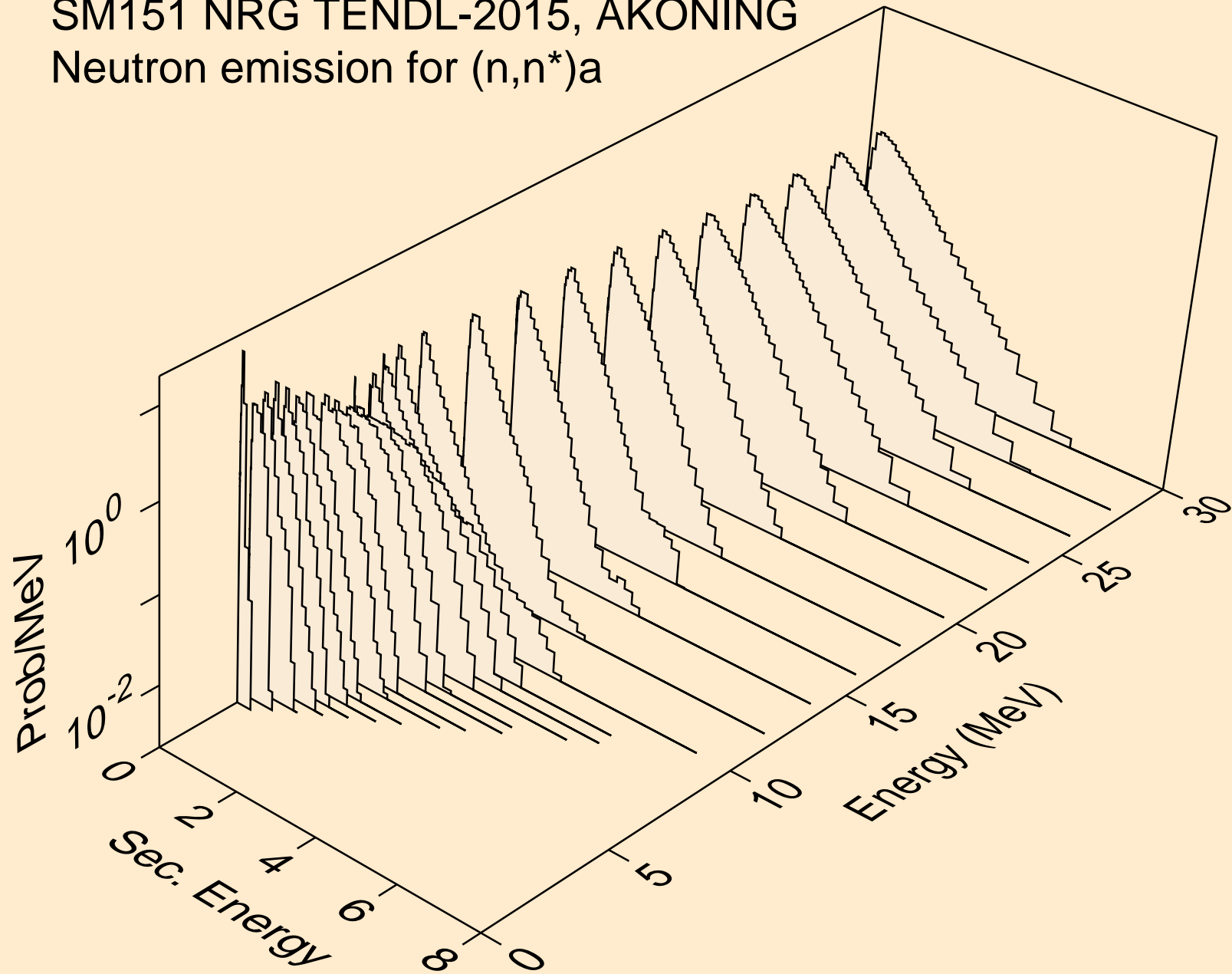
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



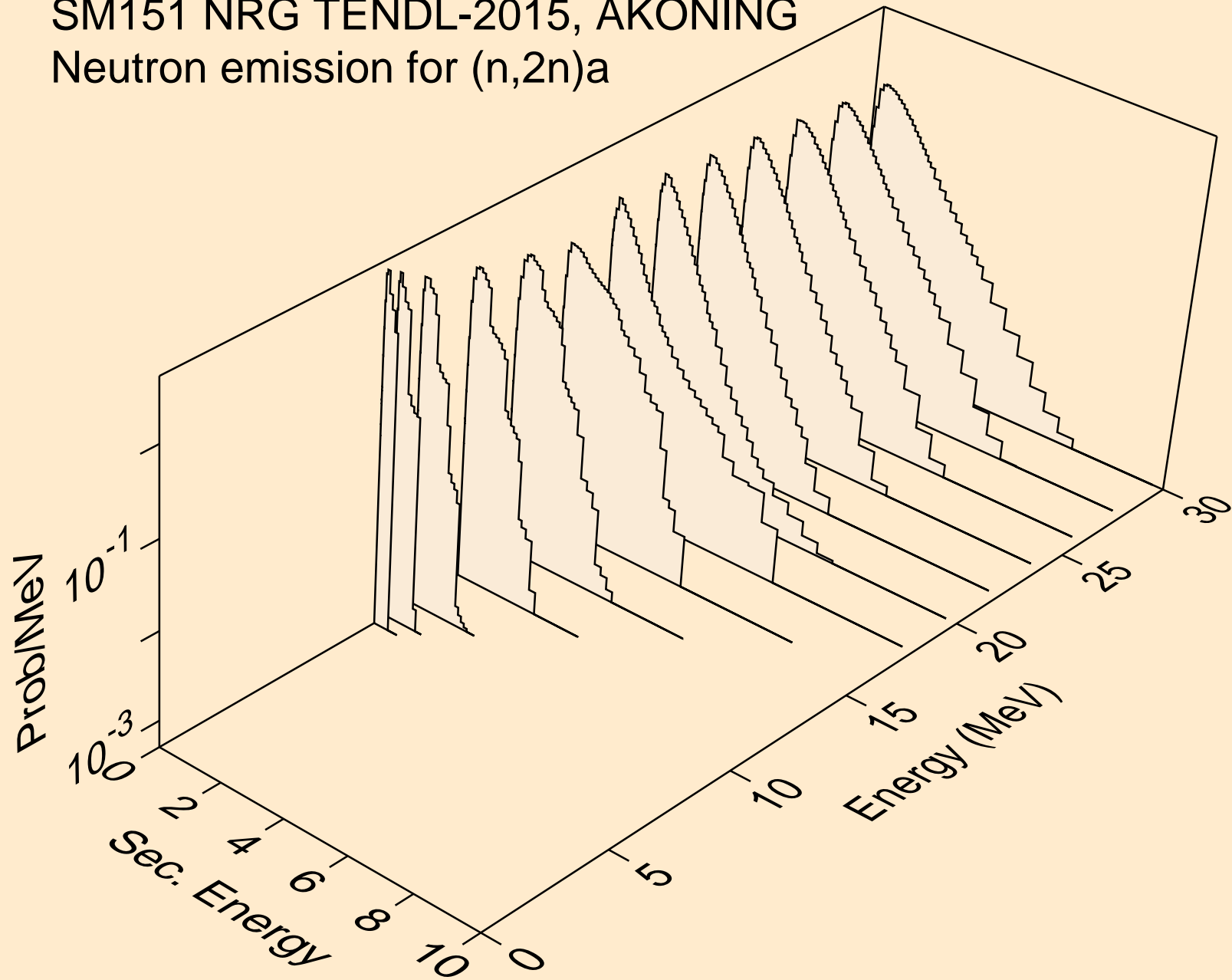
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



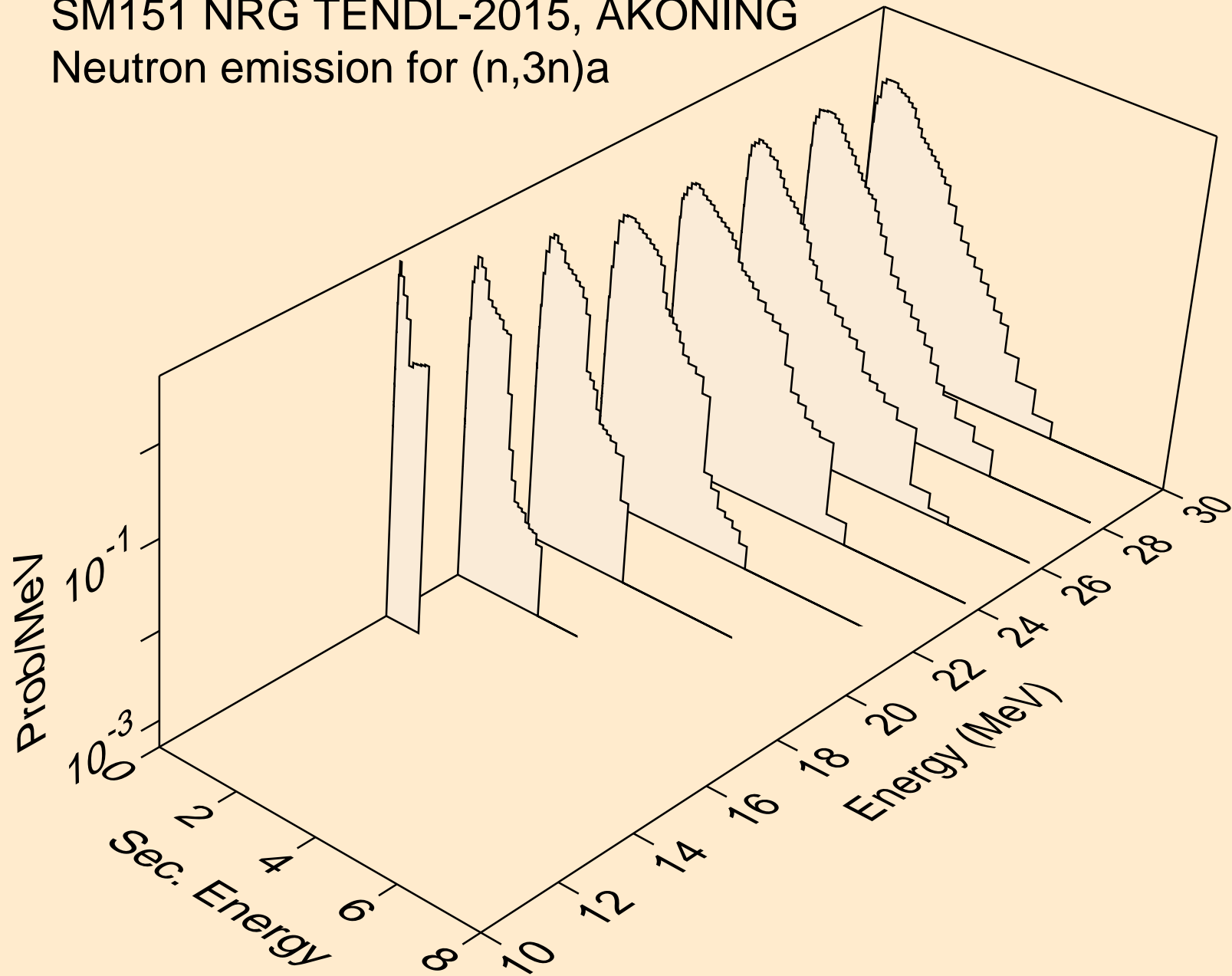
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



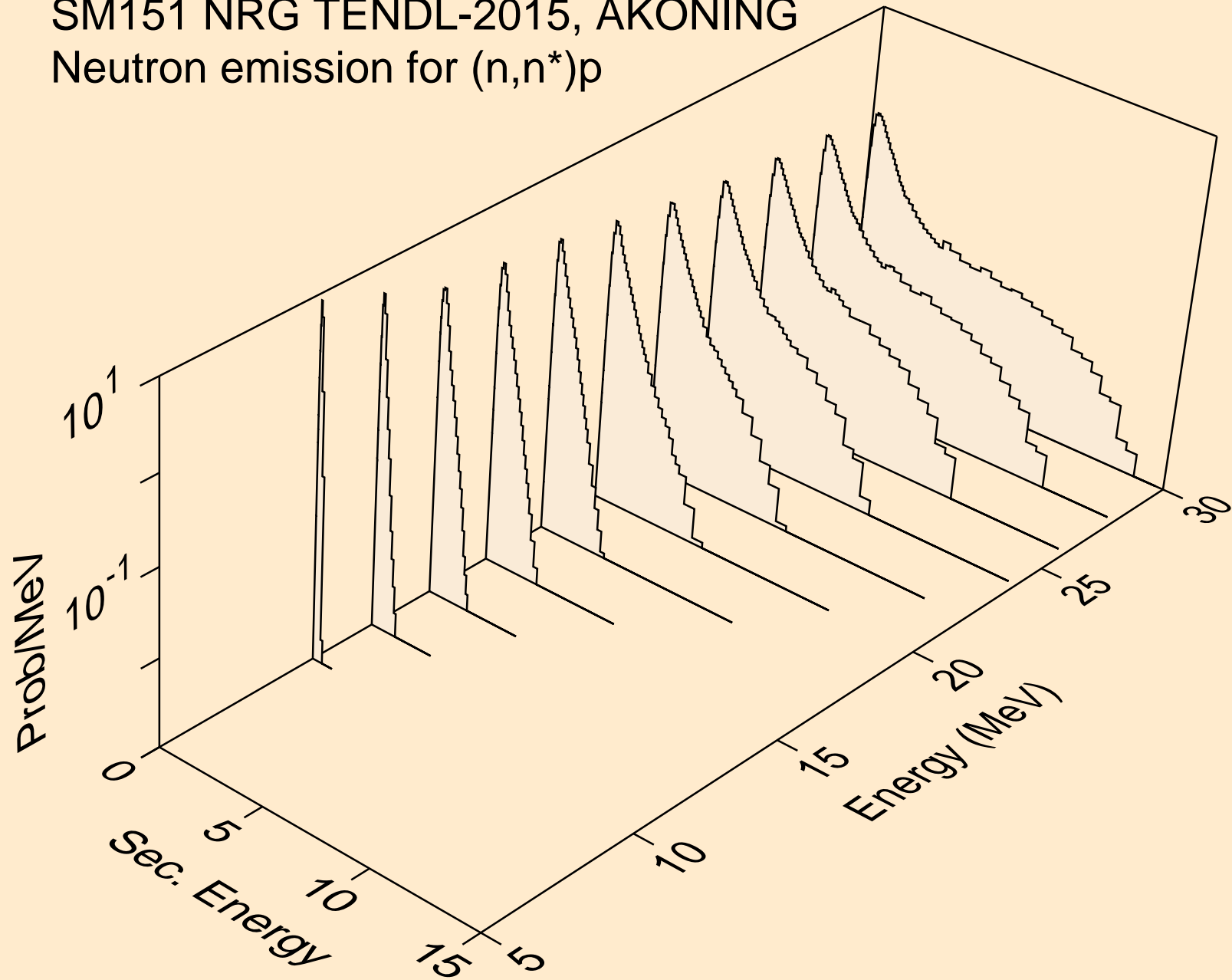
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

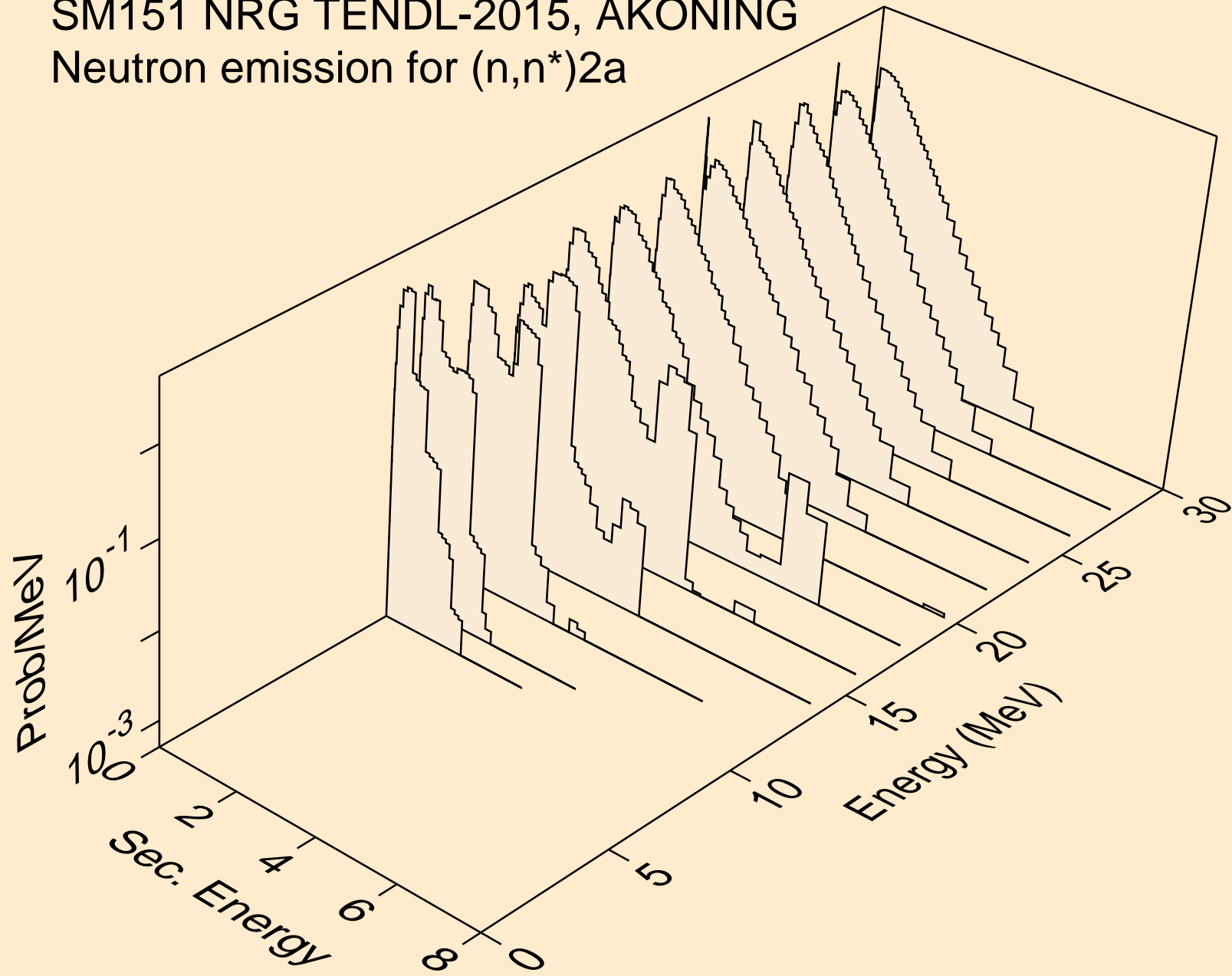


SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

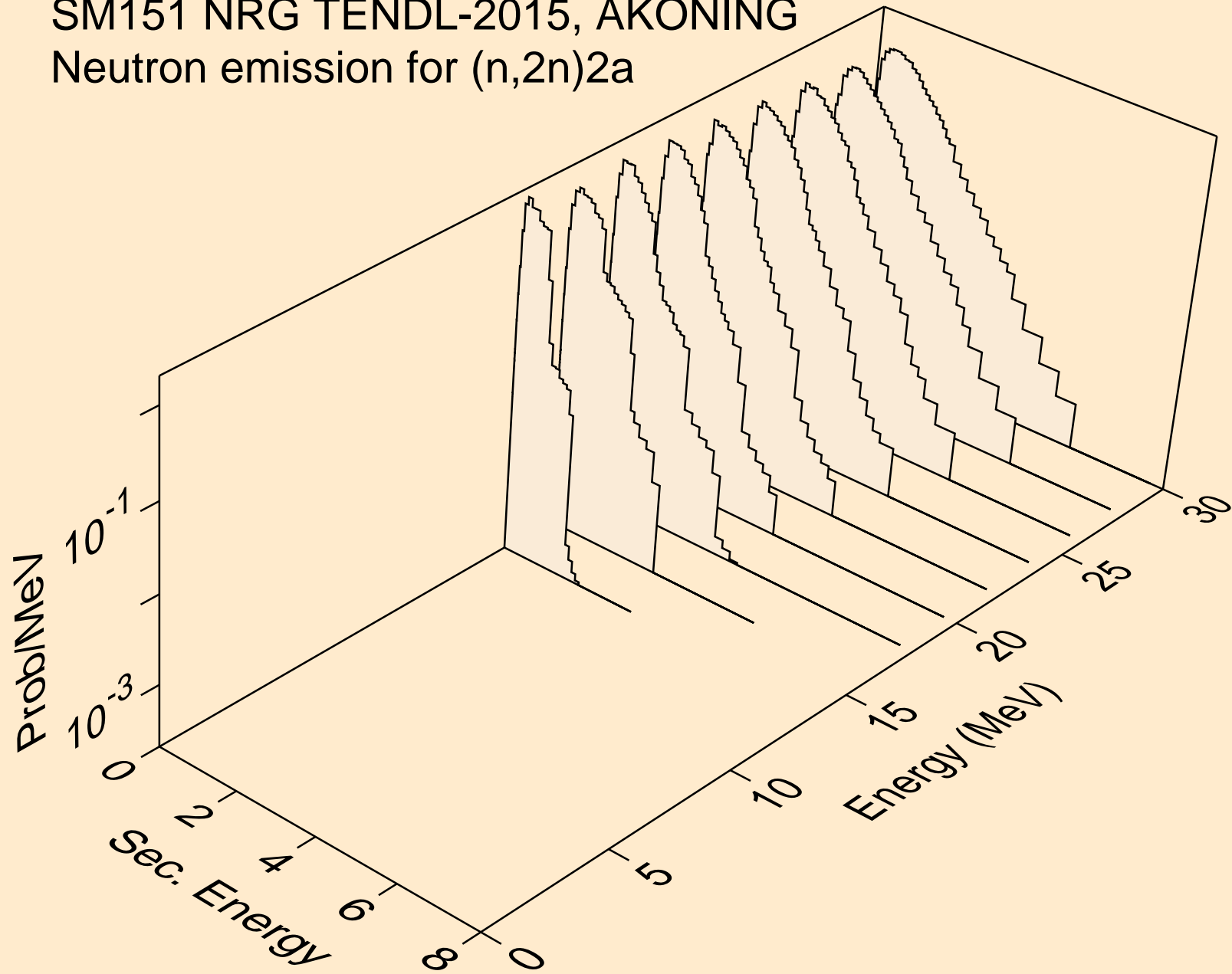




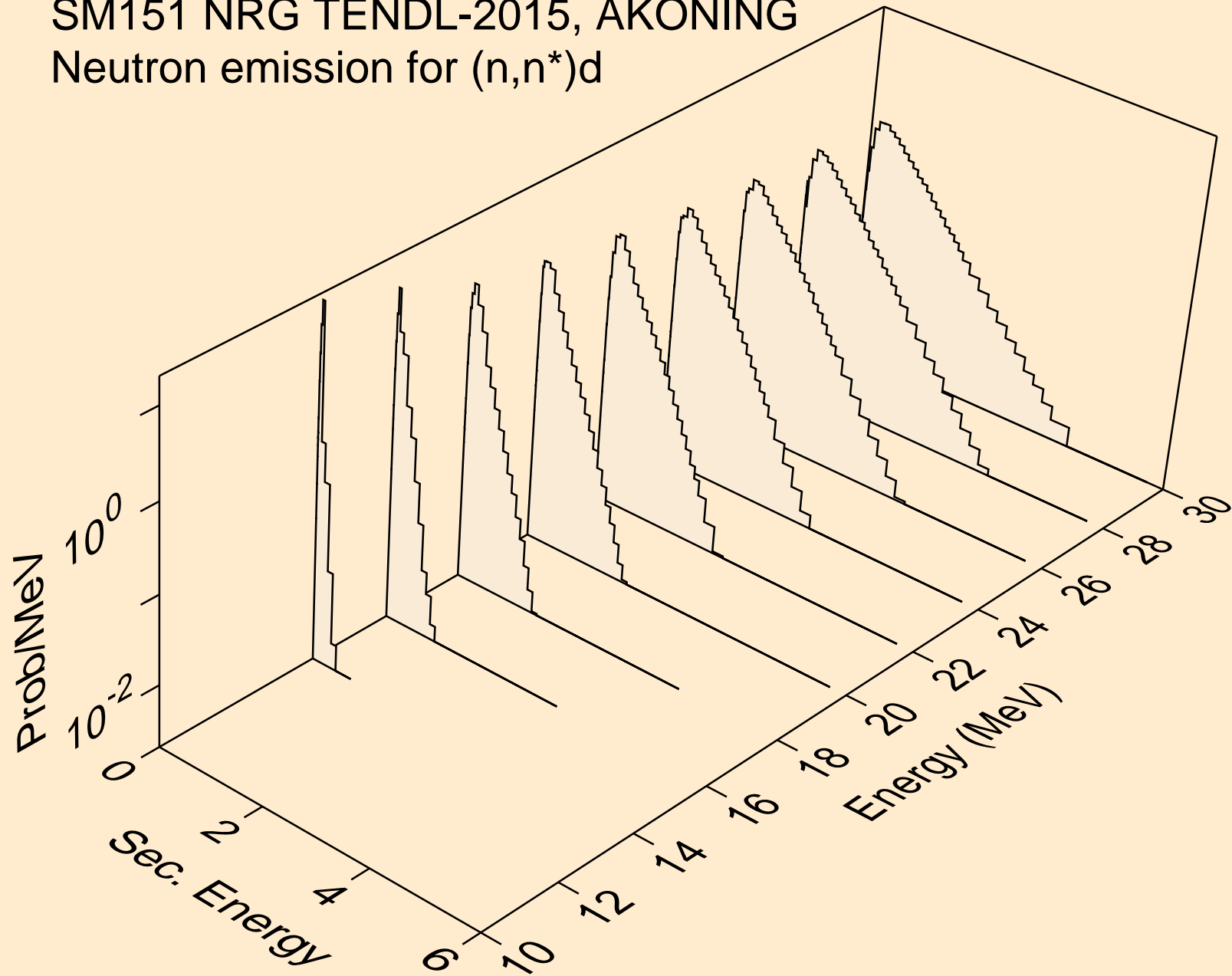
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



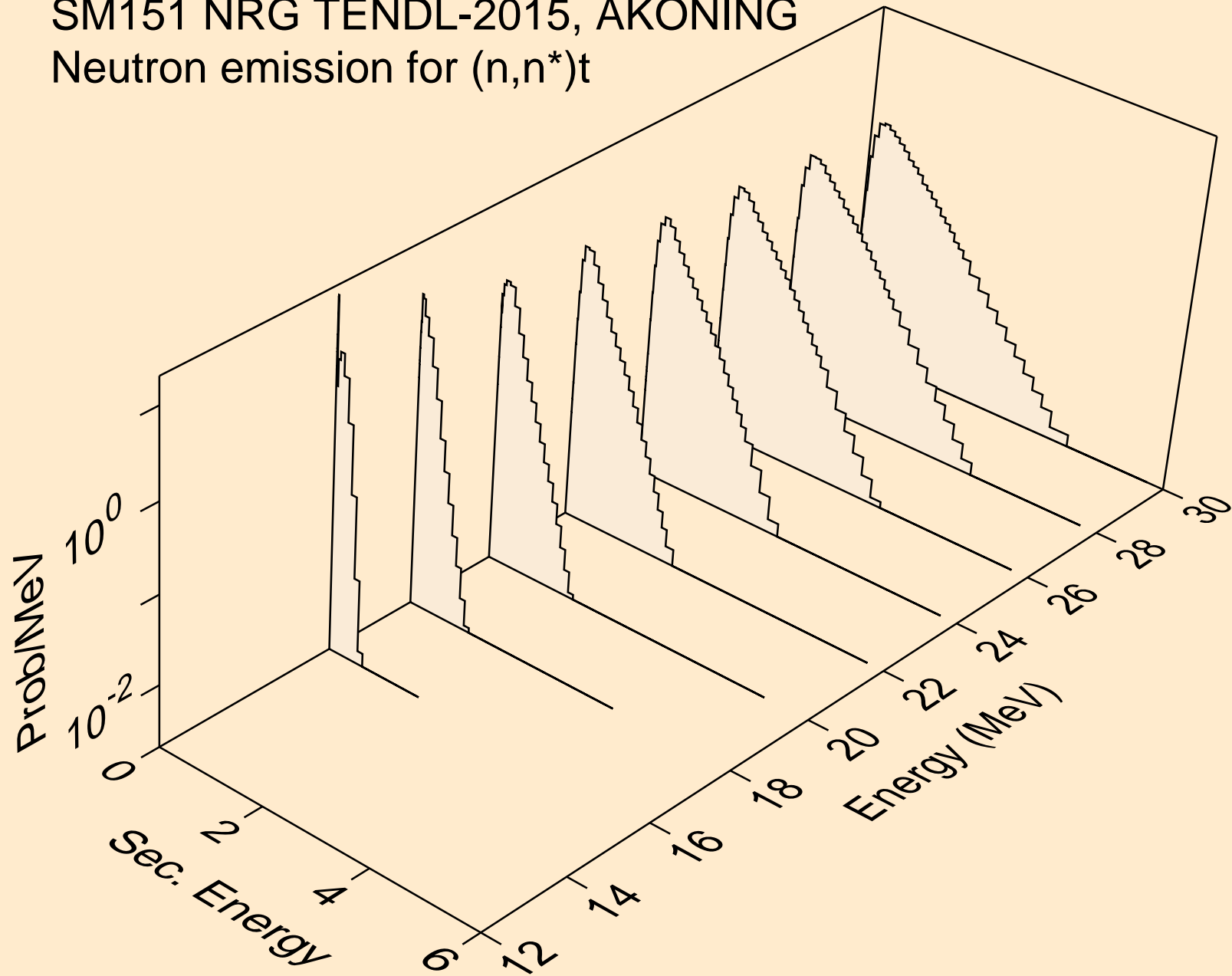
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



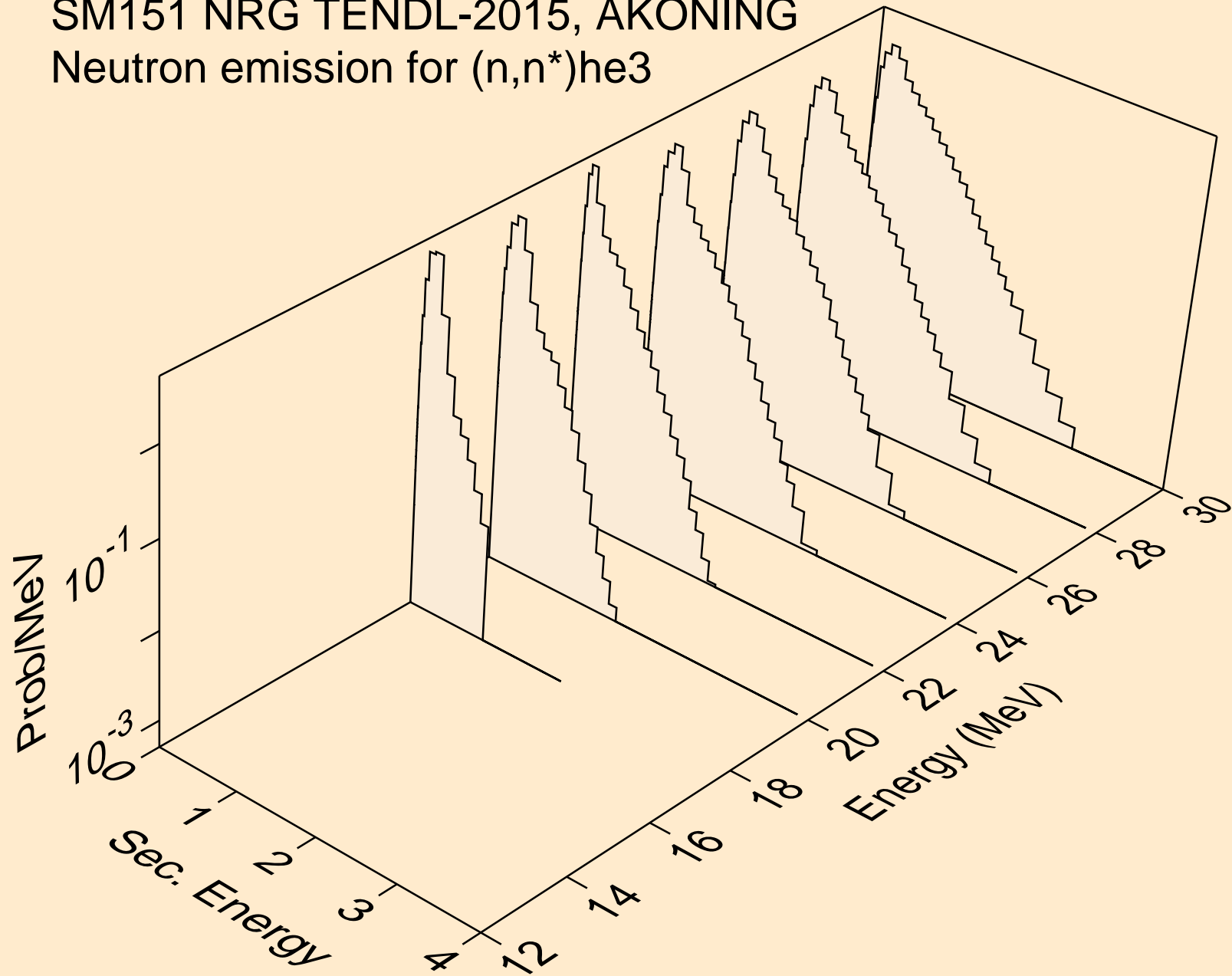
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



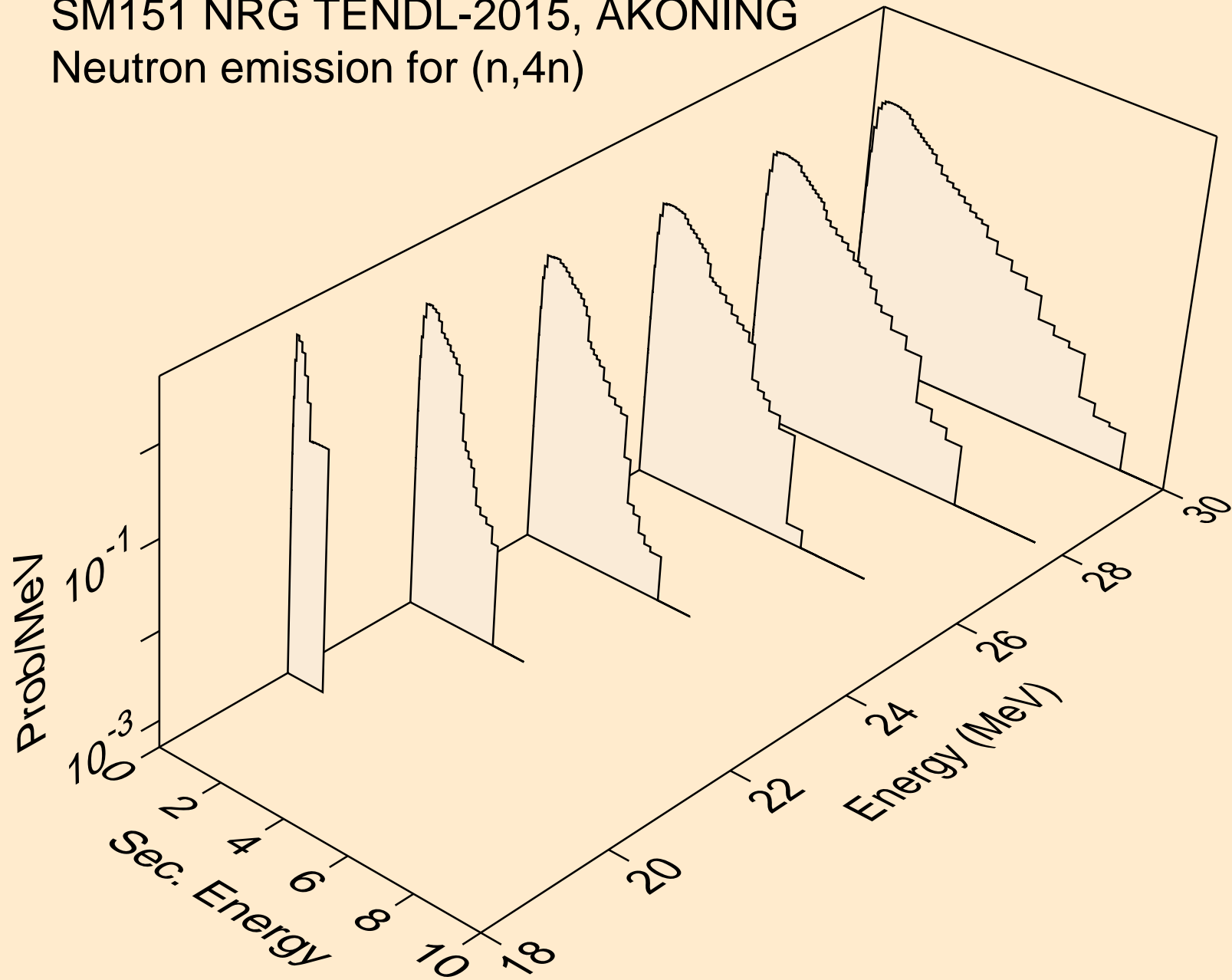
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



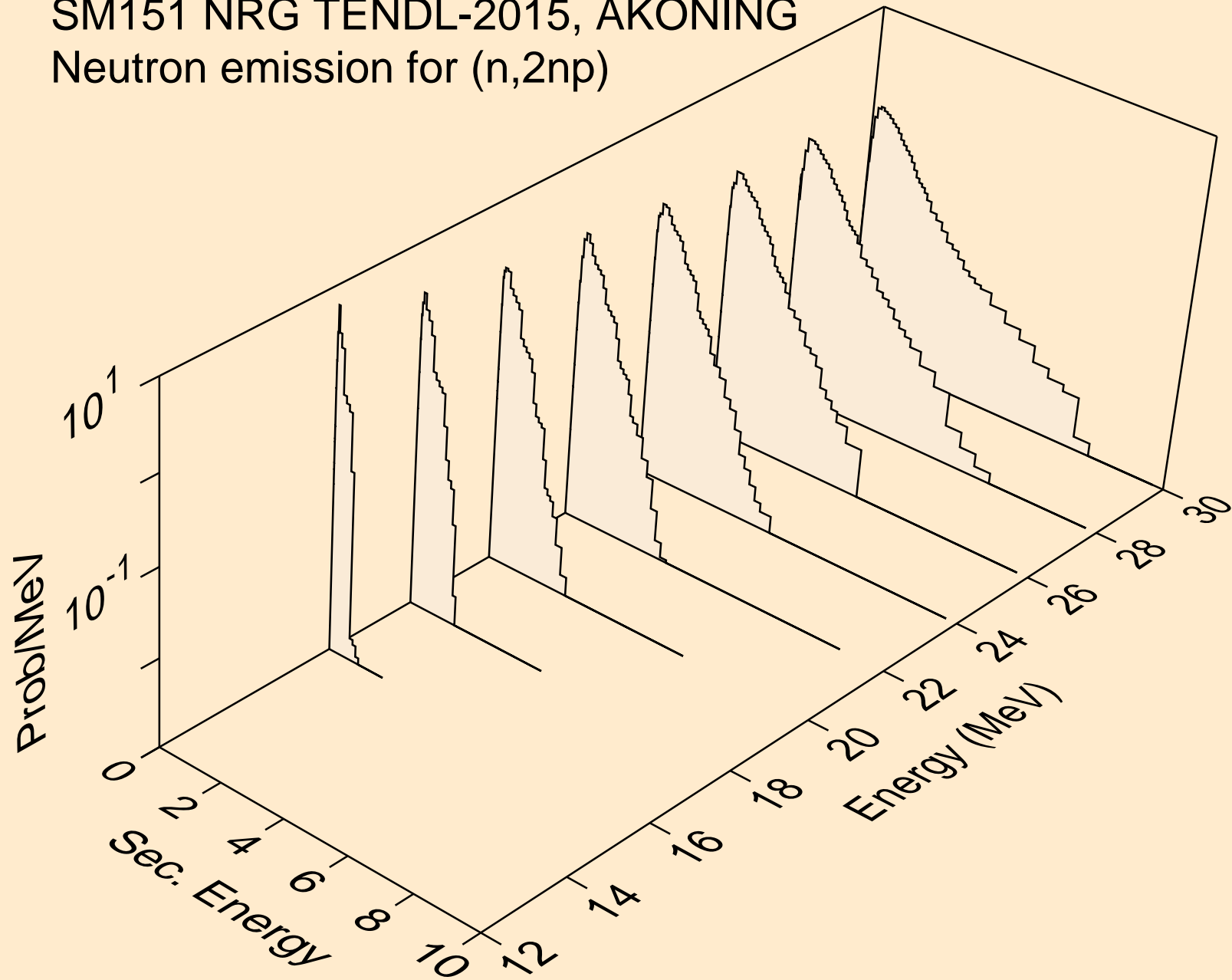
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



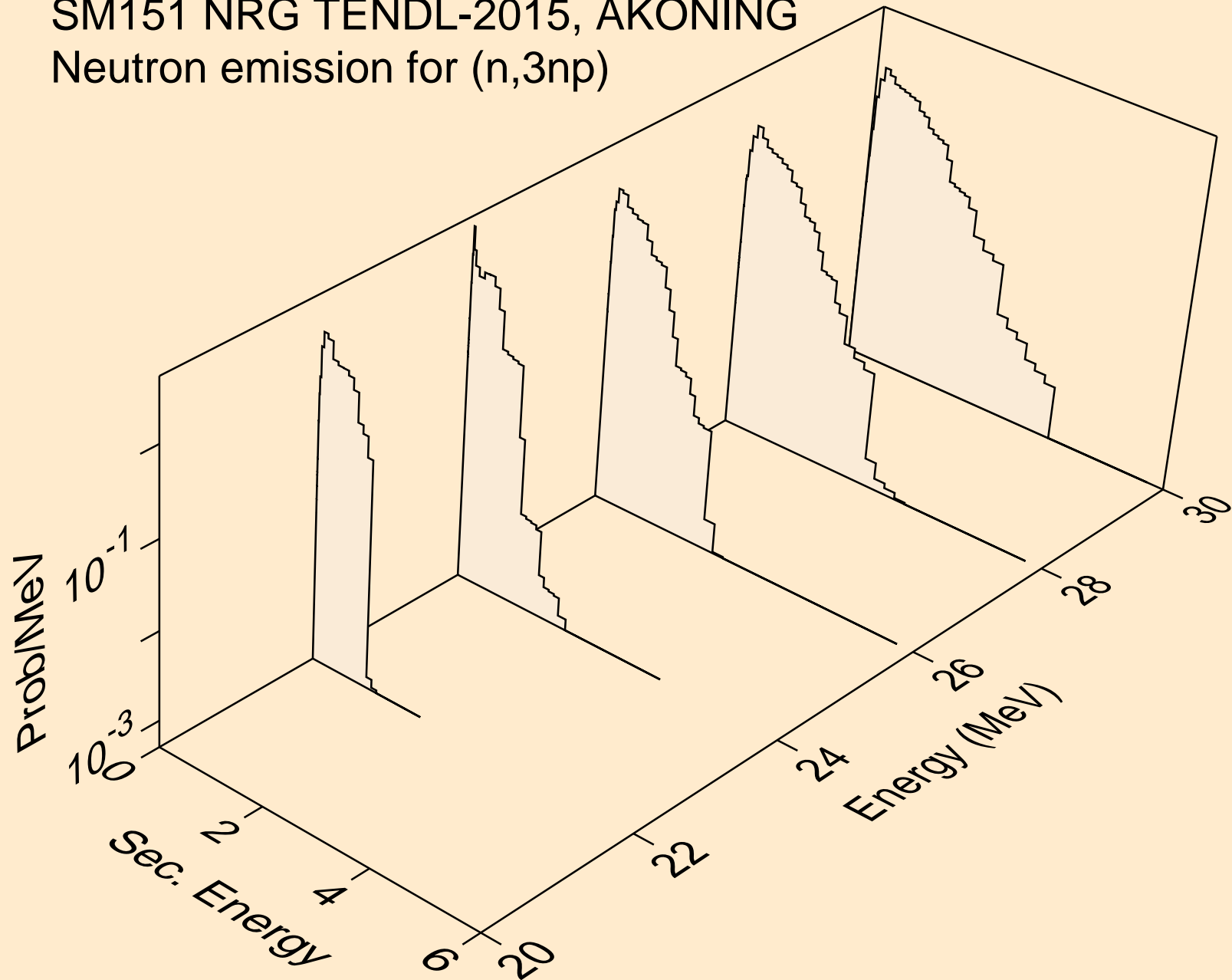
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

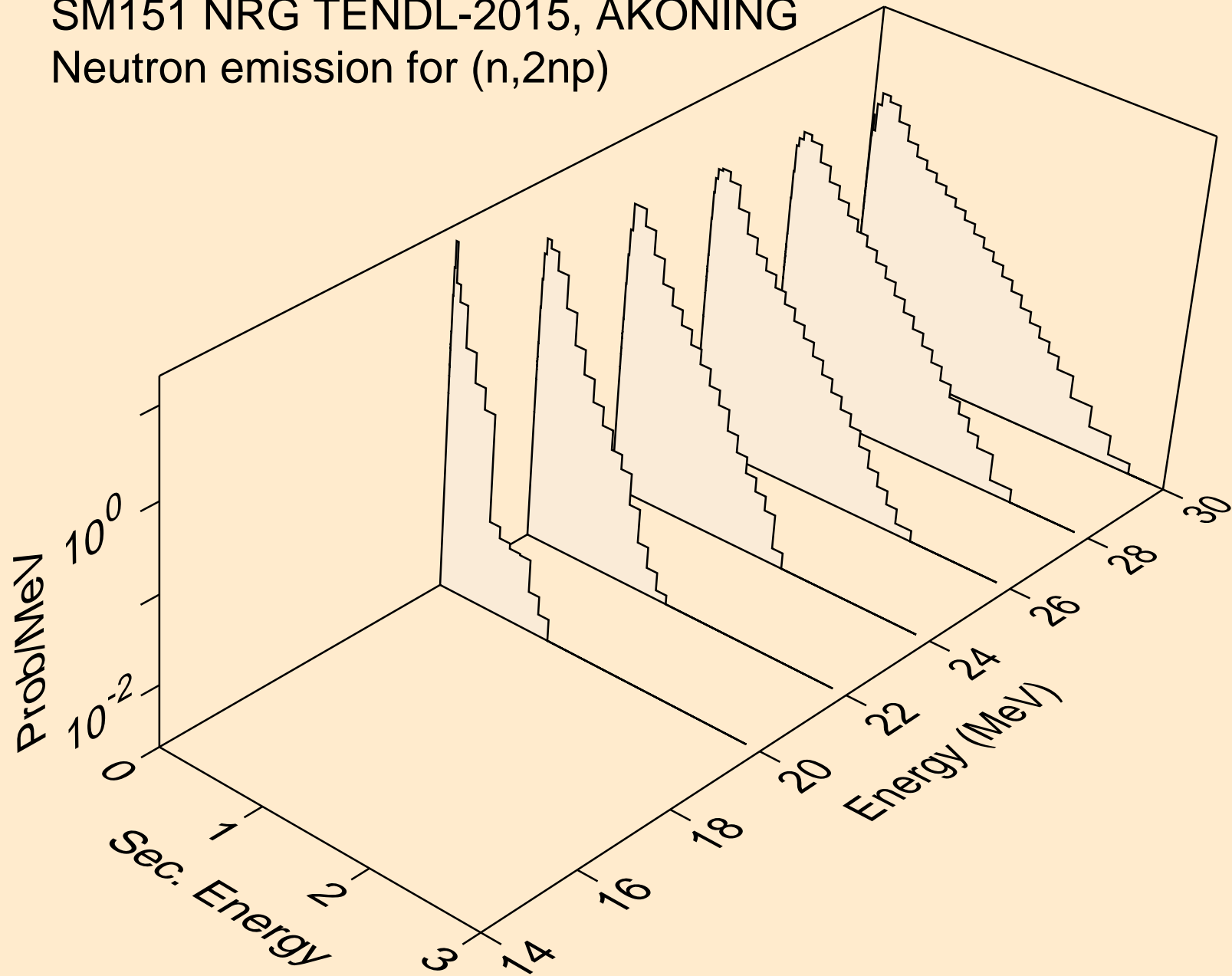


SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

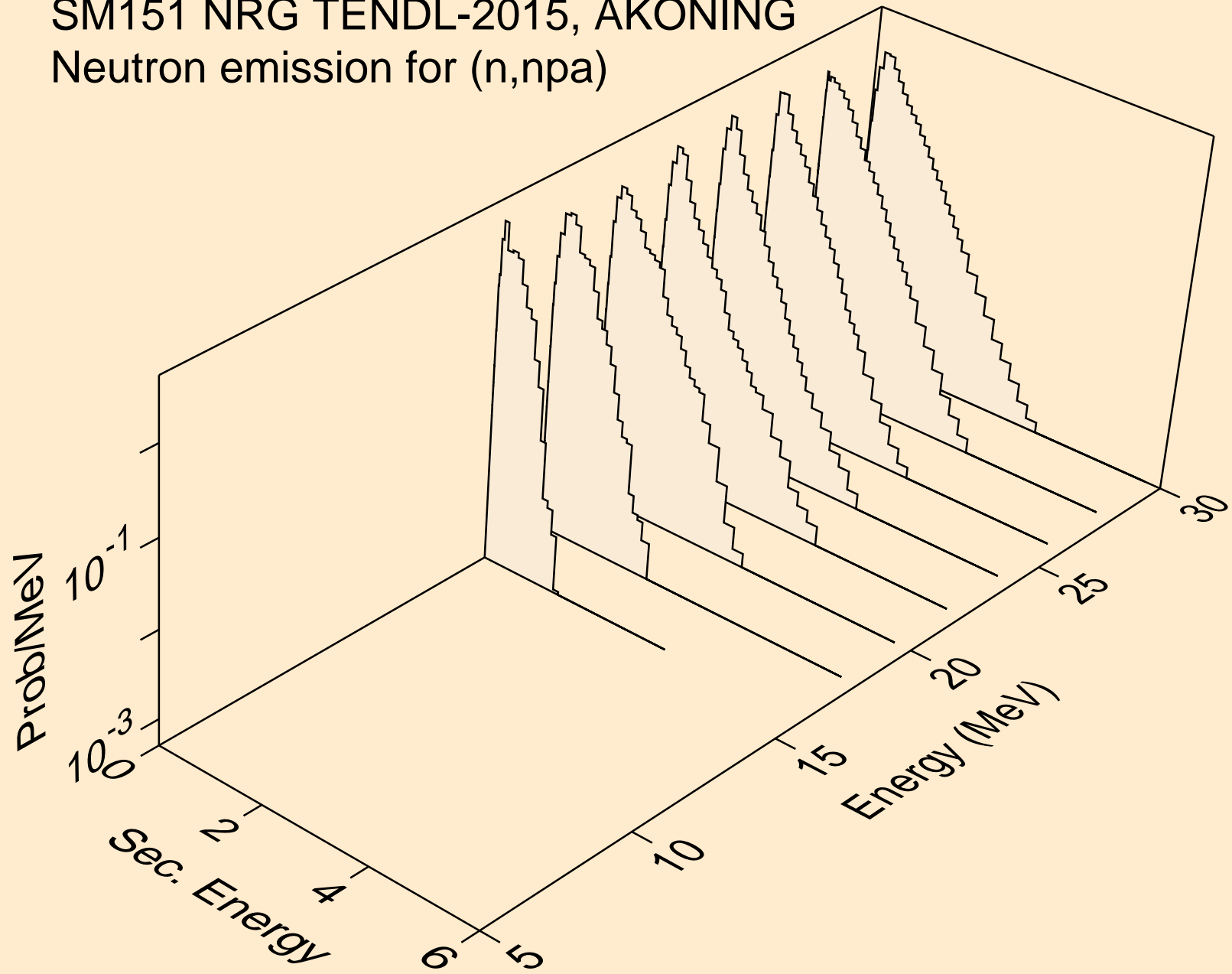




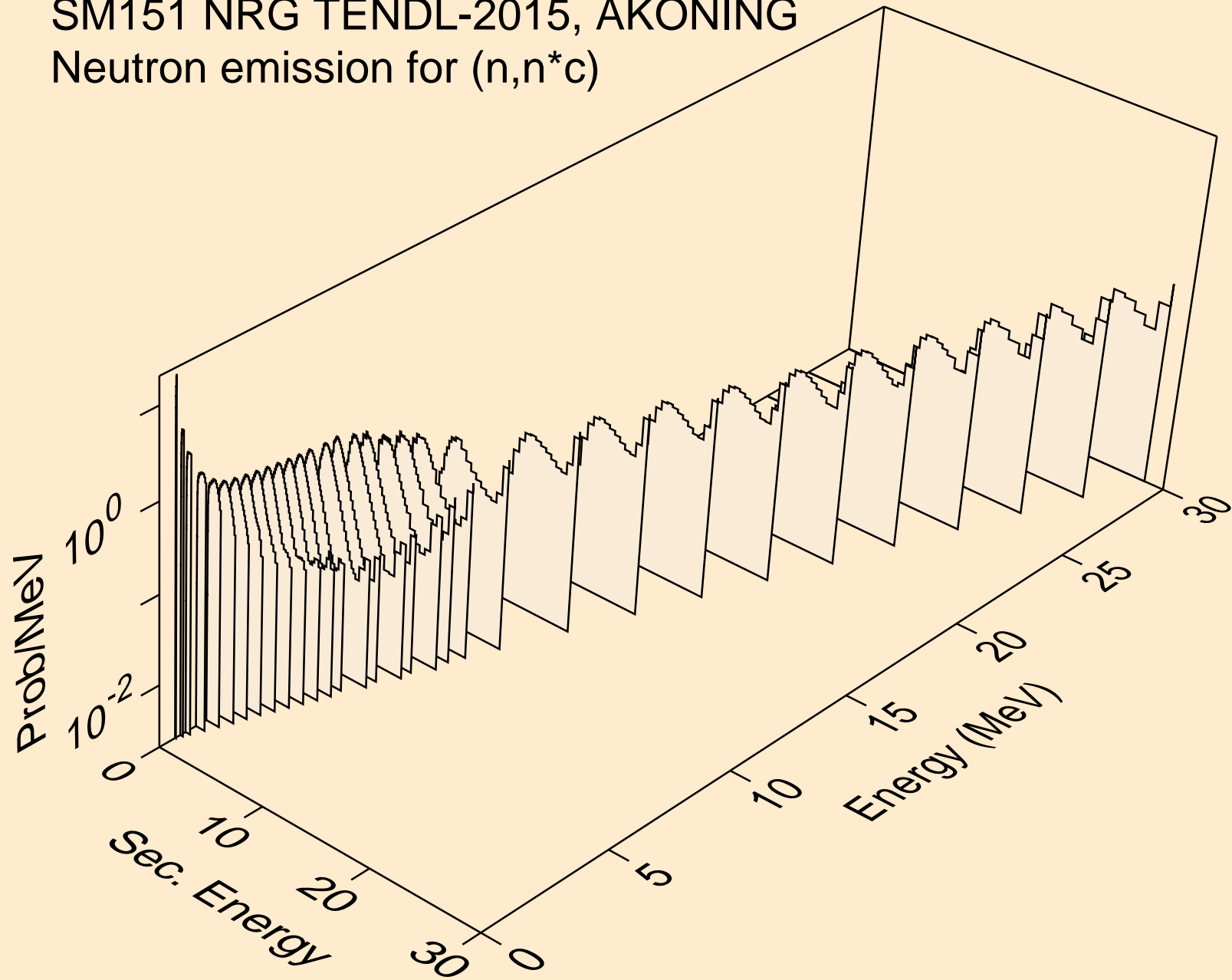
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



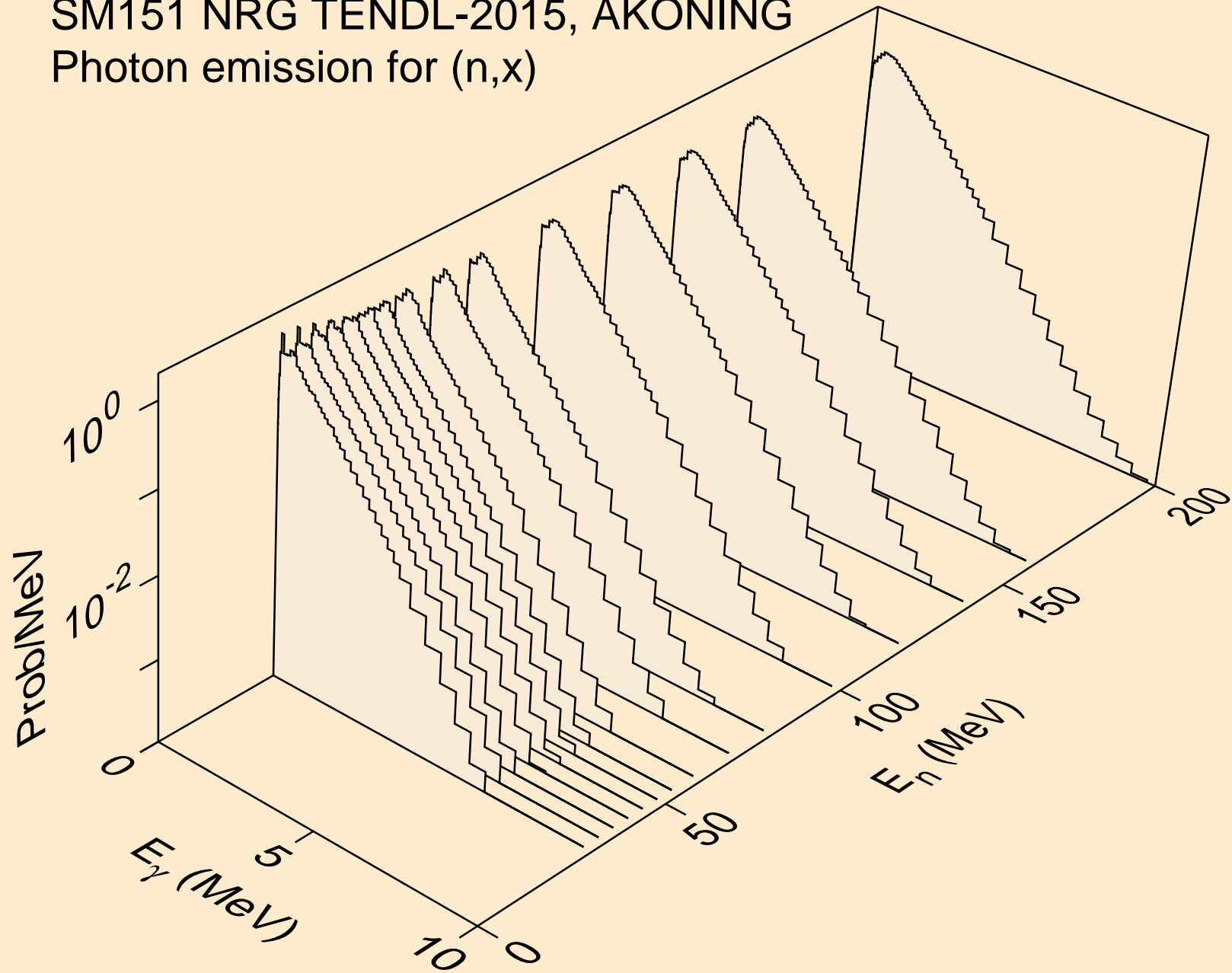
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



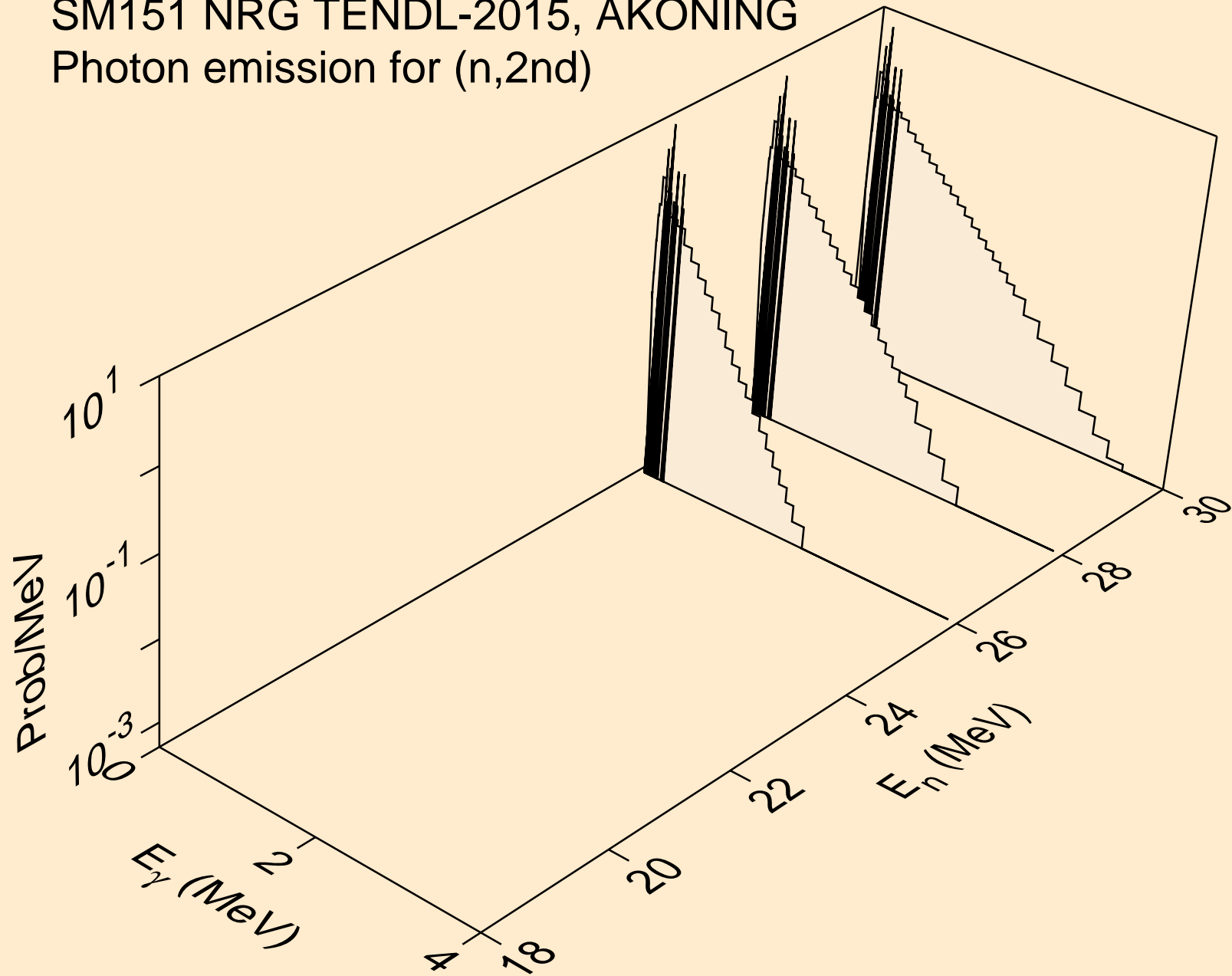
SM151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



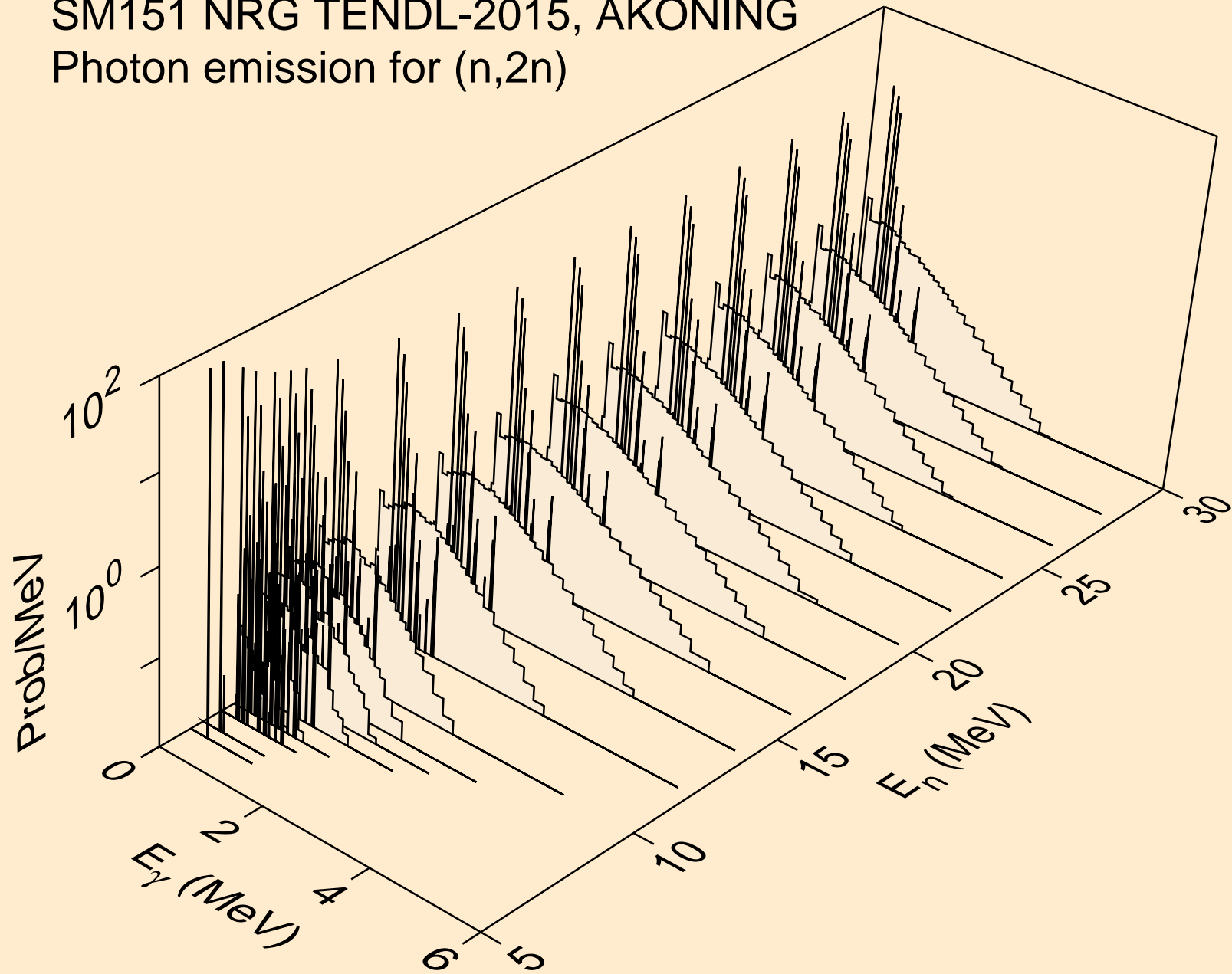
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



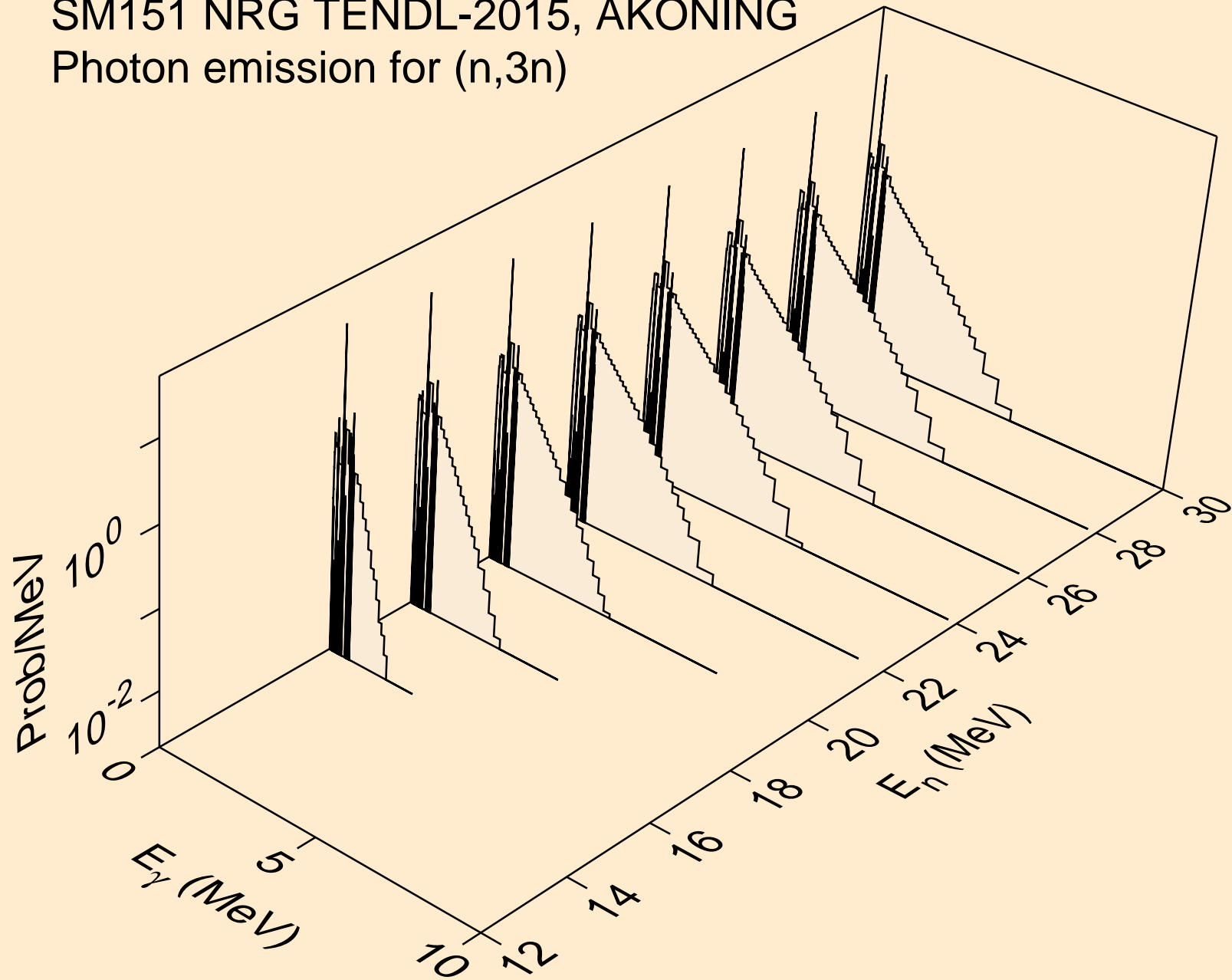
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



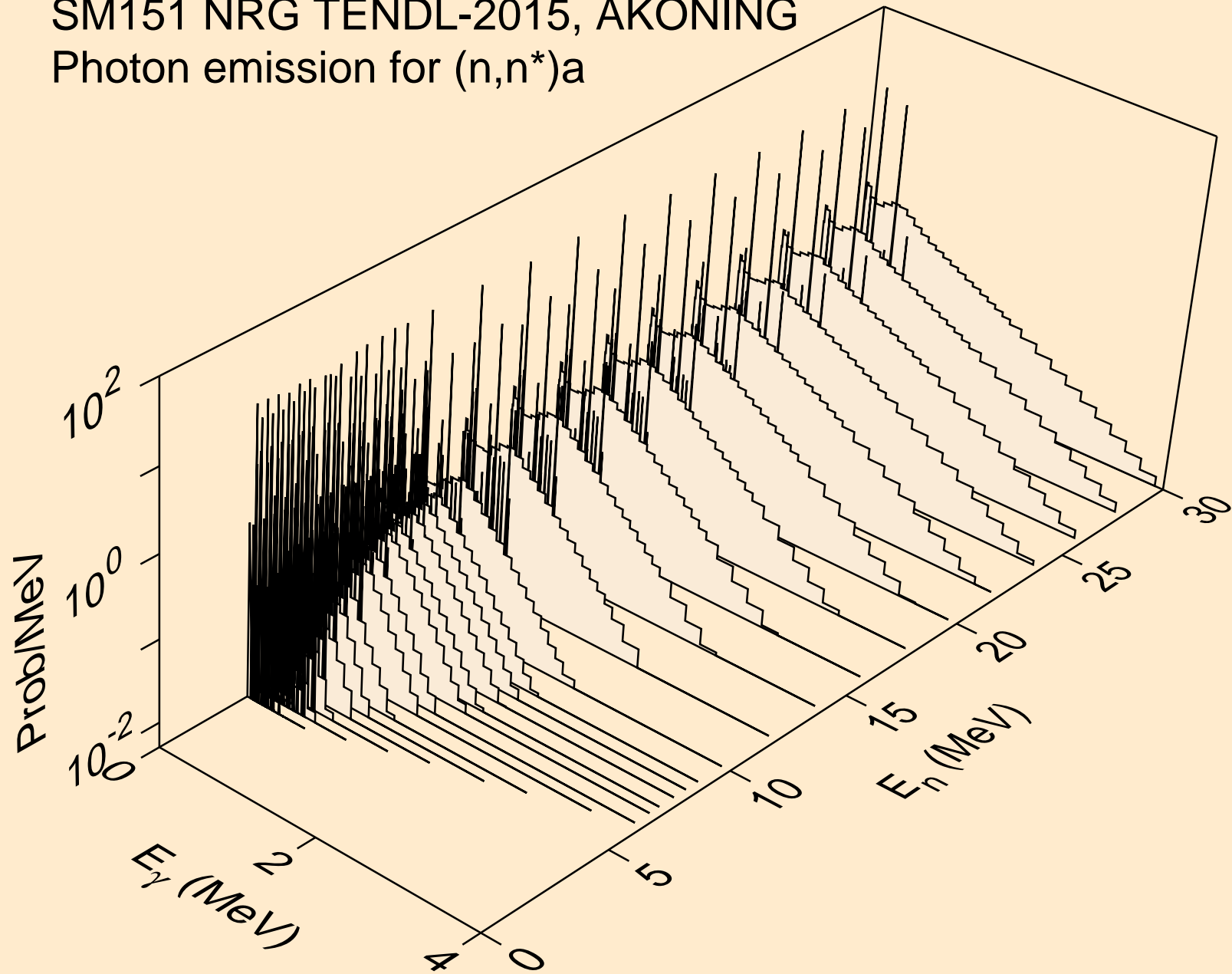
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

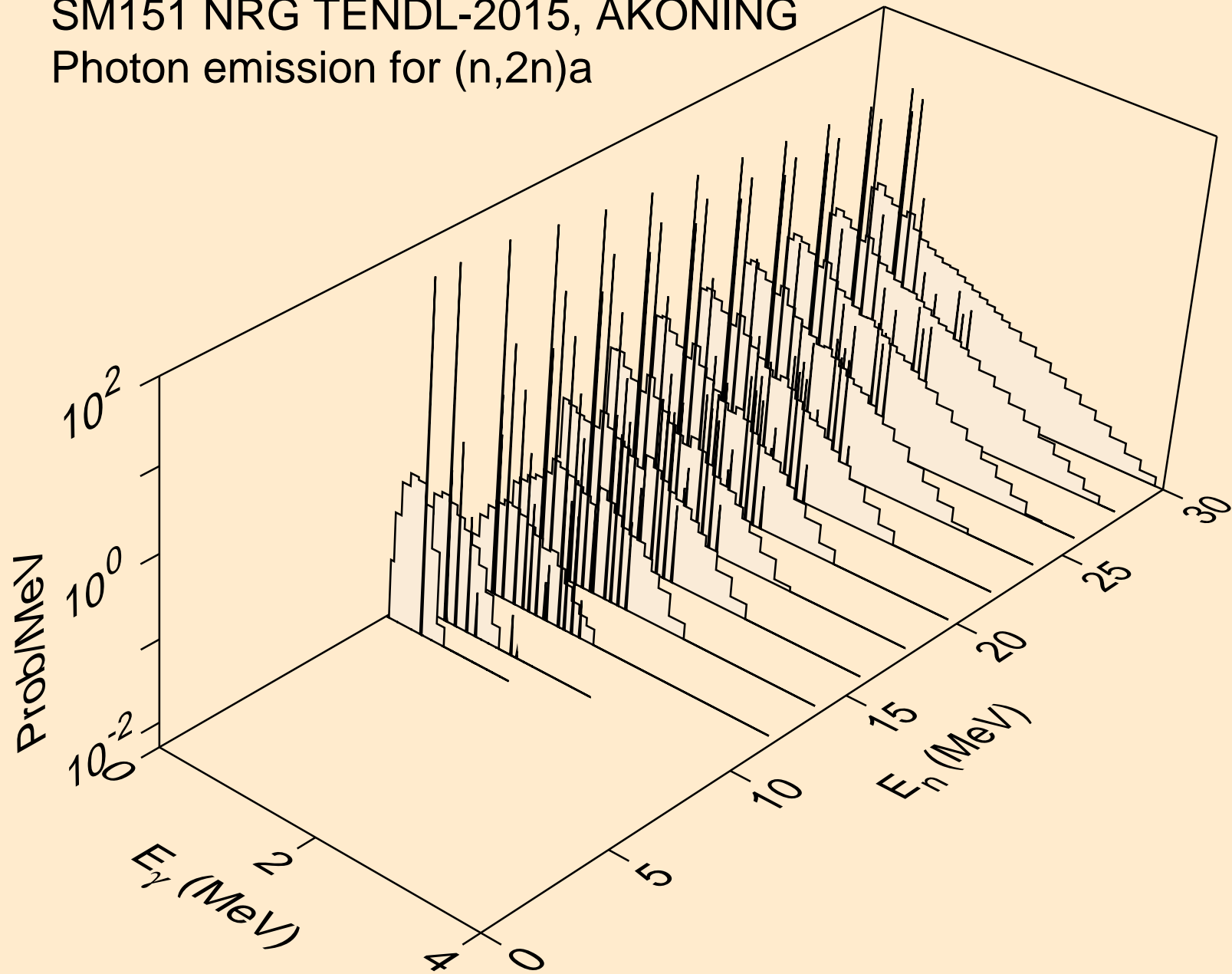


SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

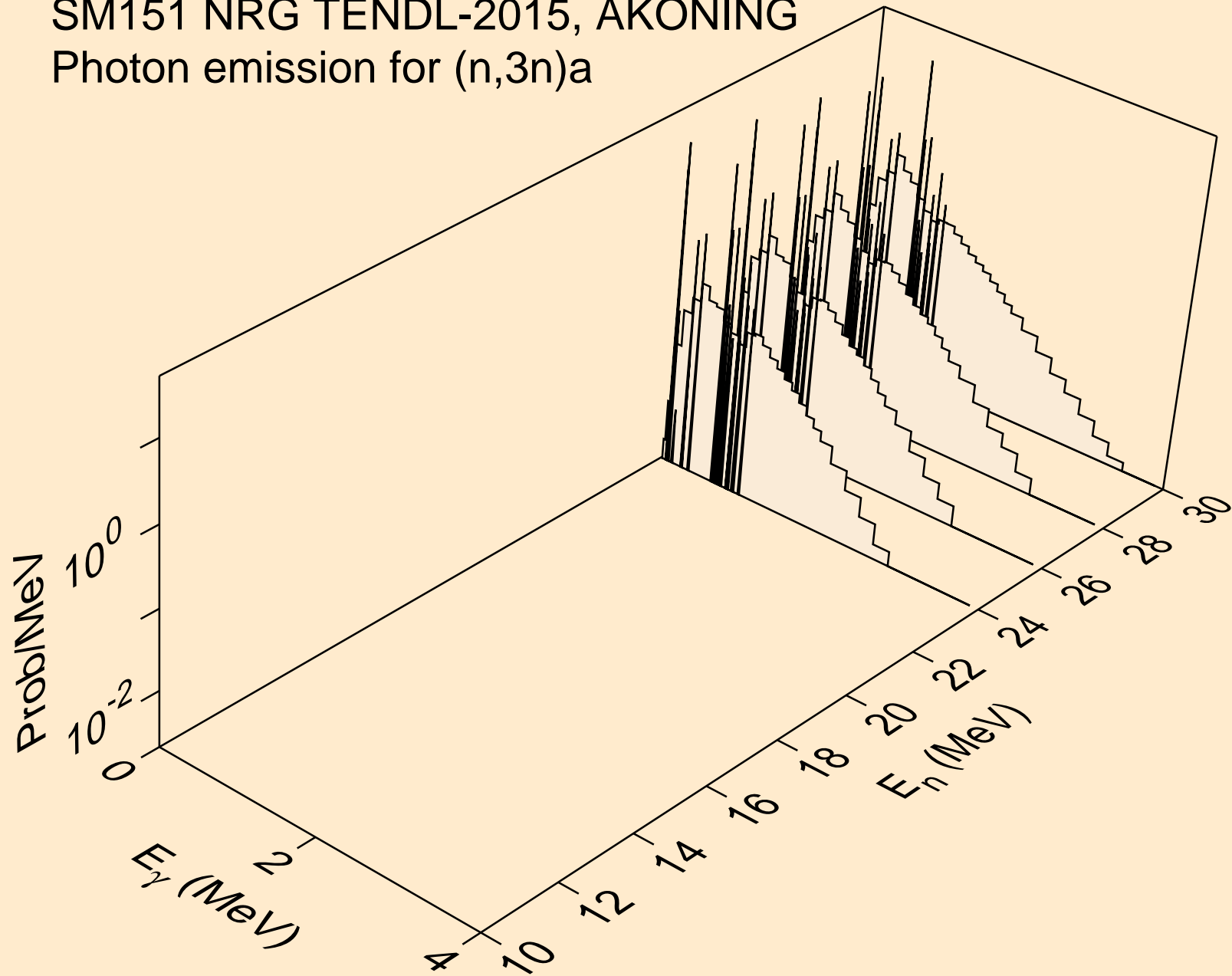




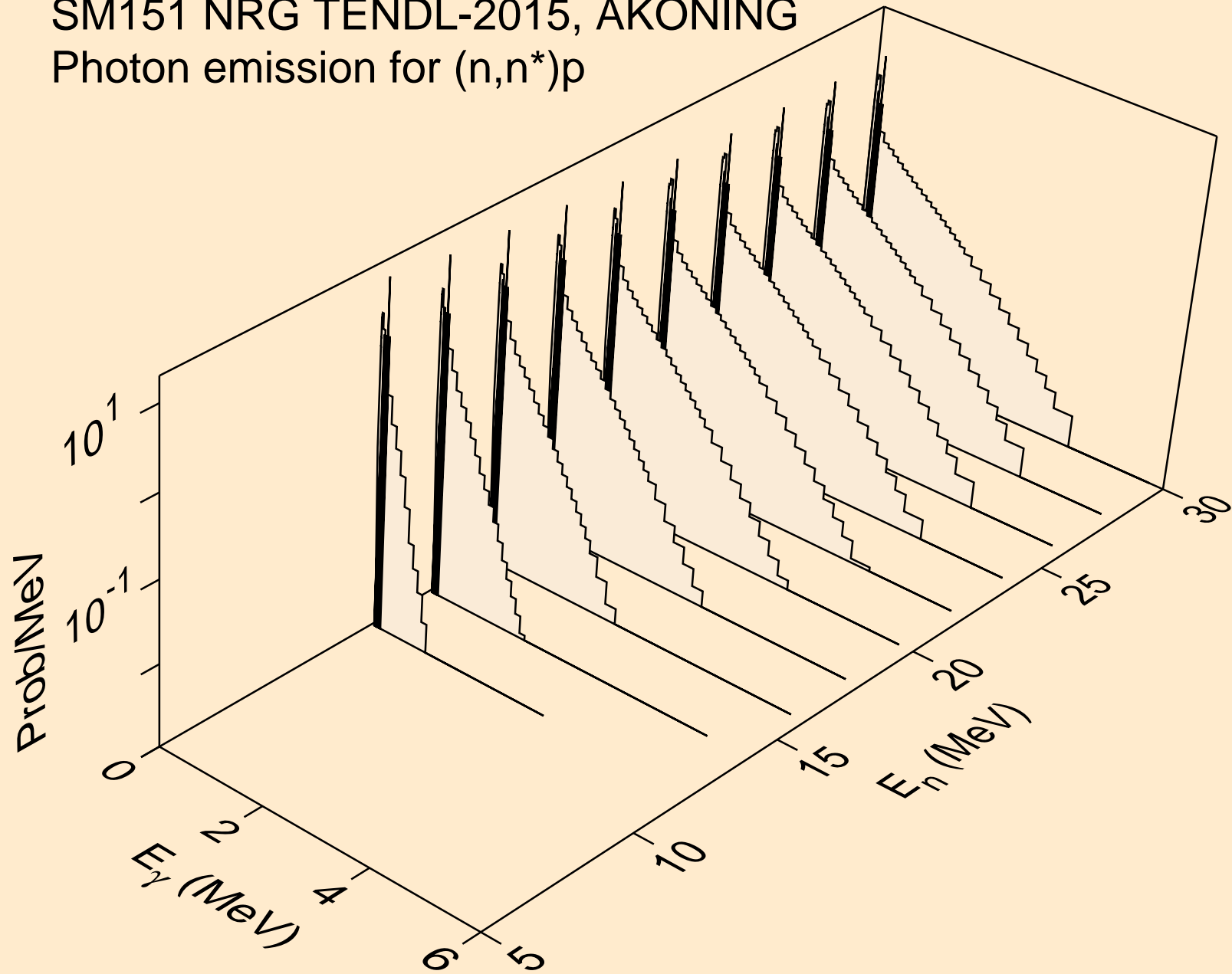
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



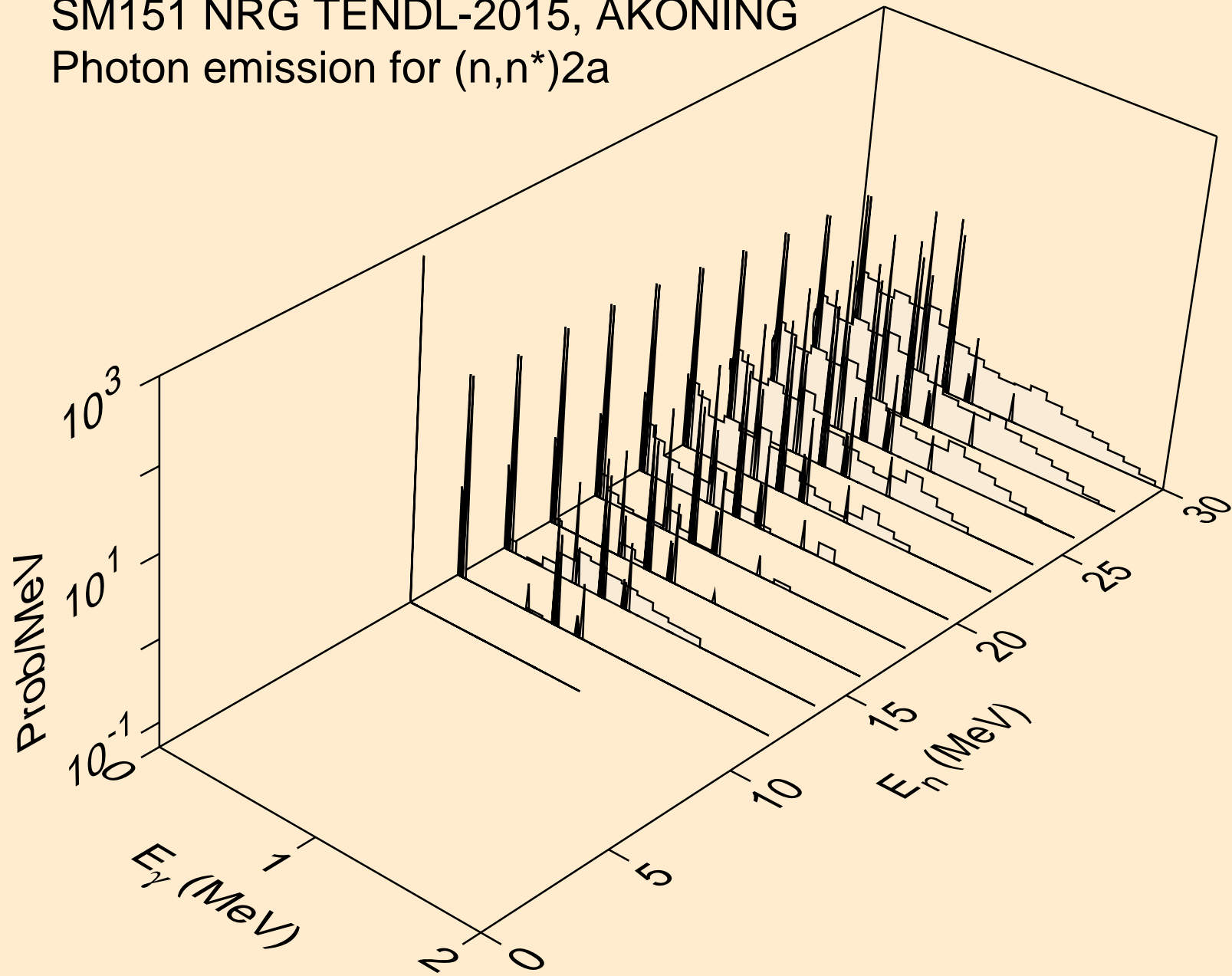
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



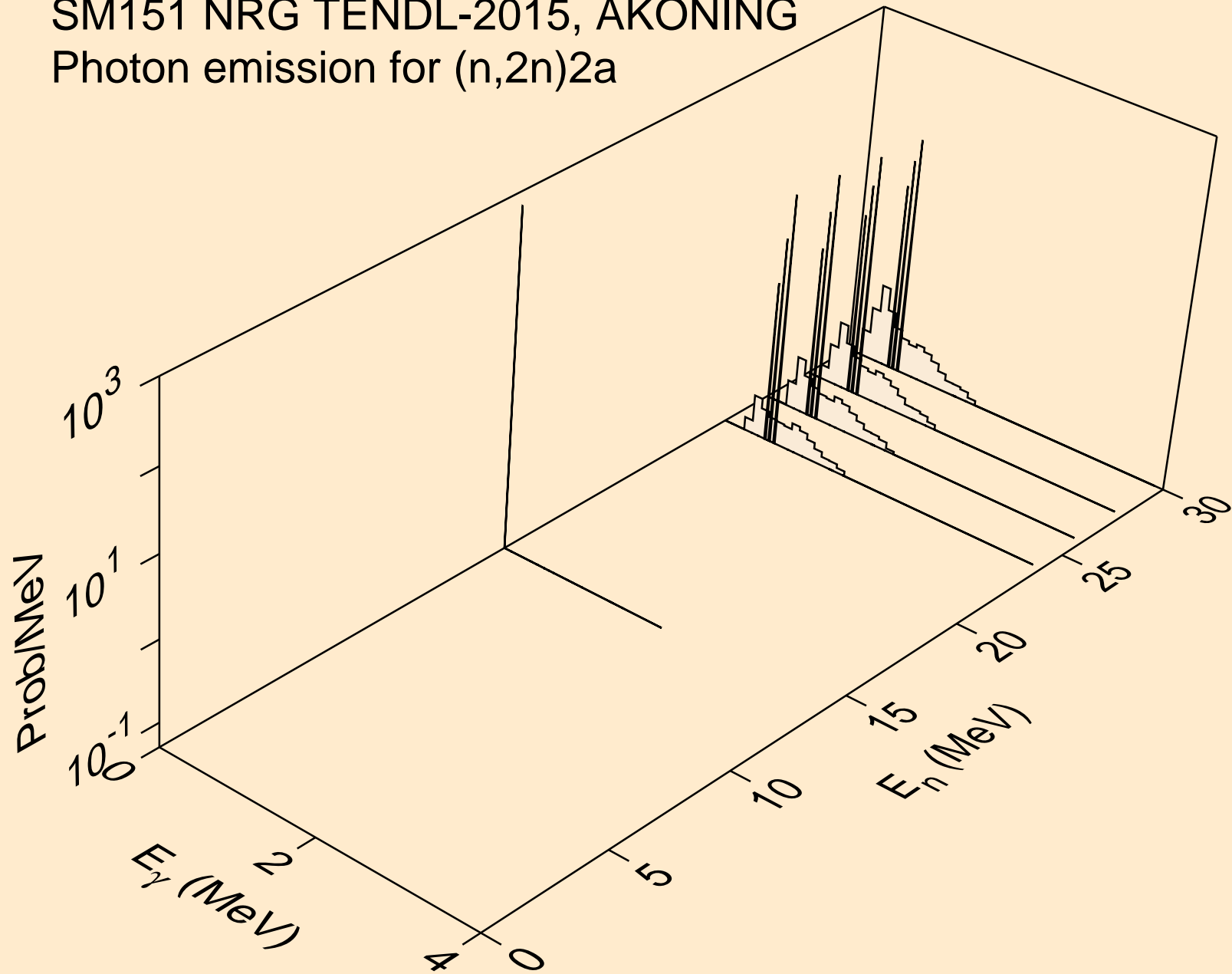
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



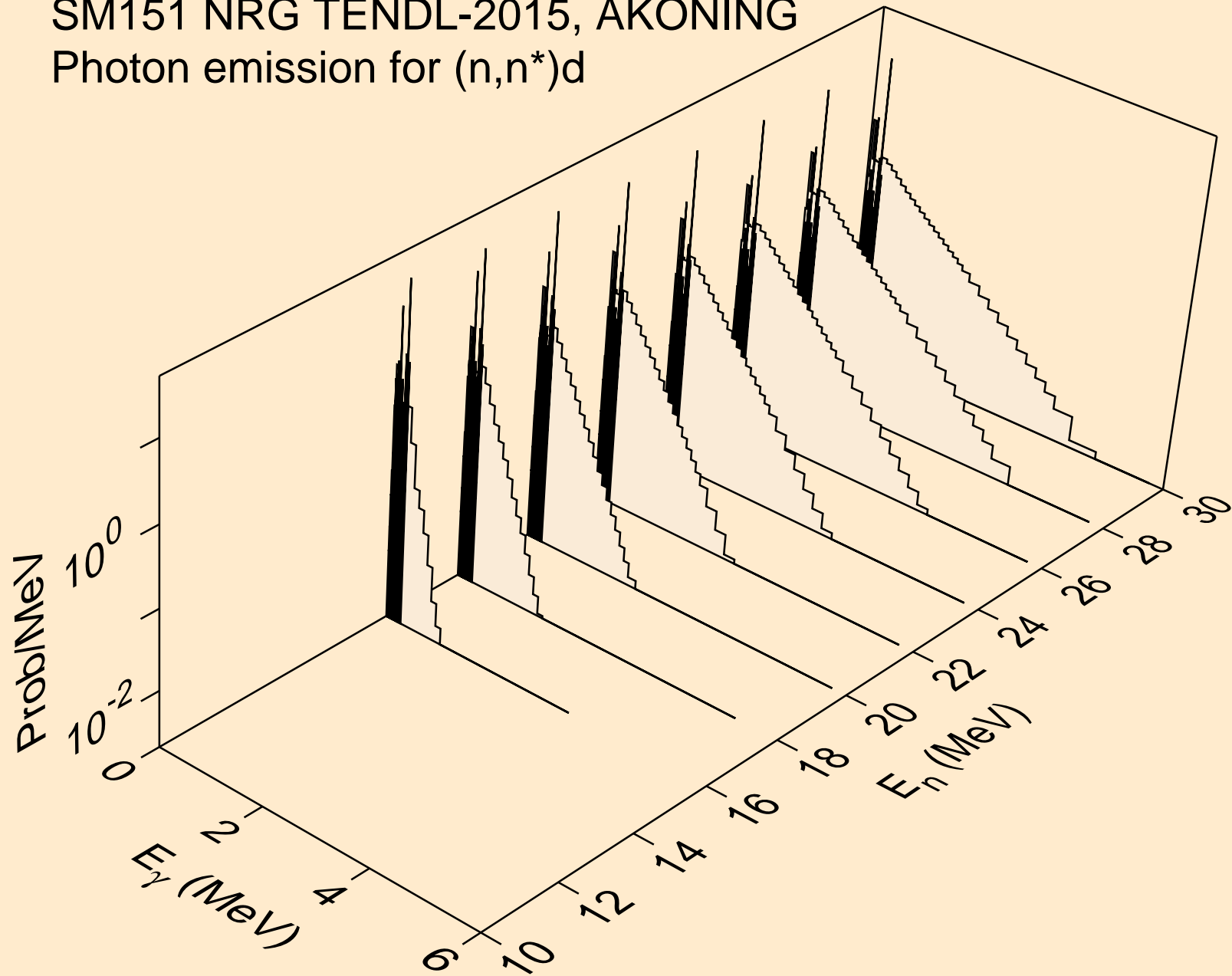
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



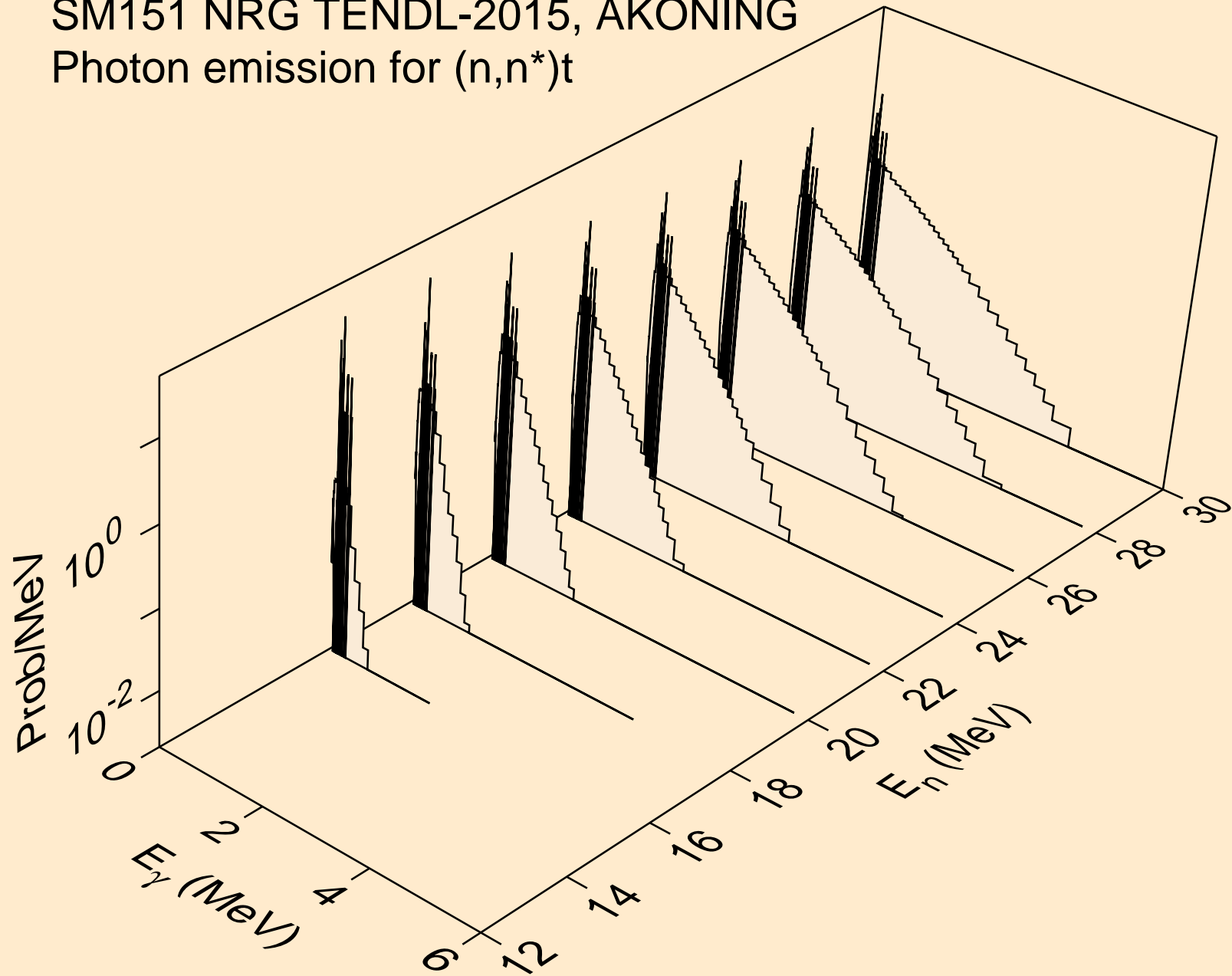
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



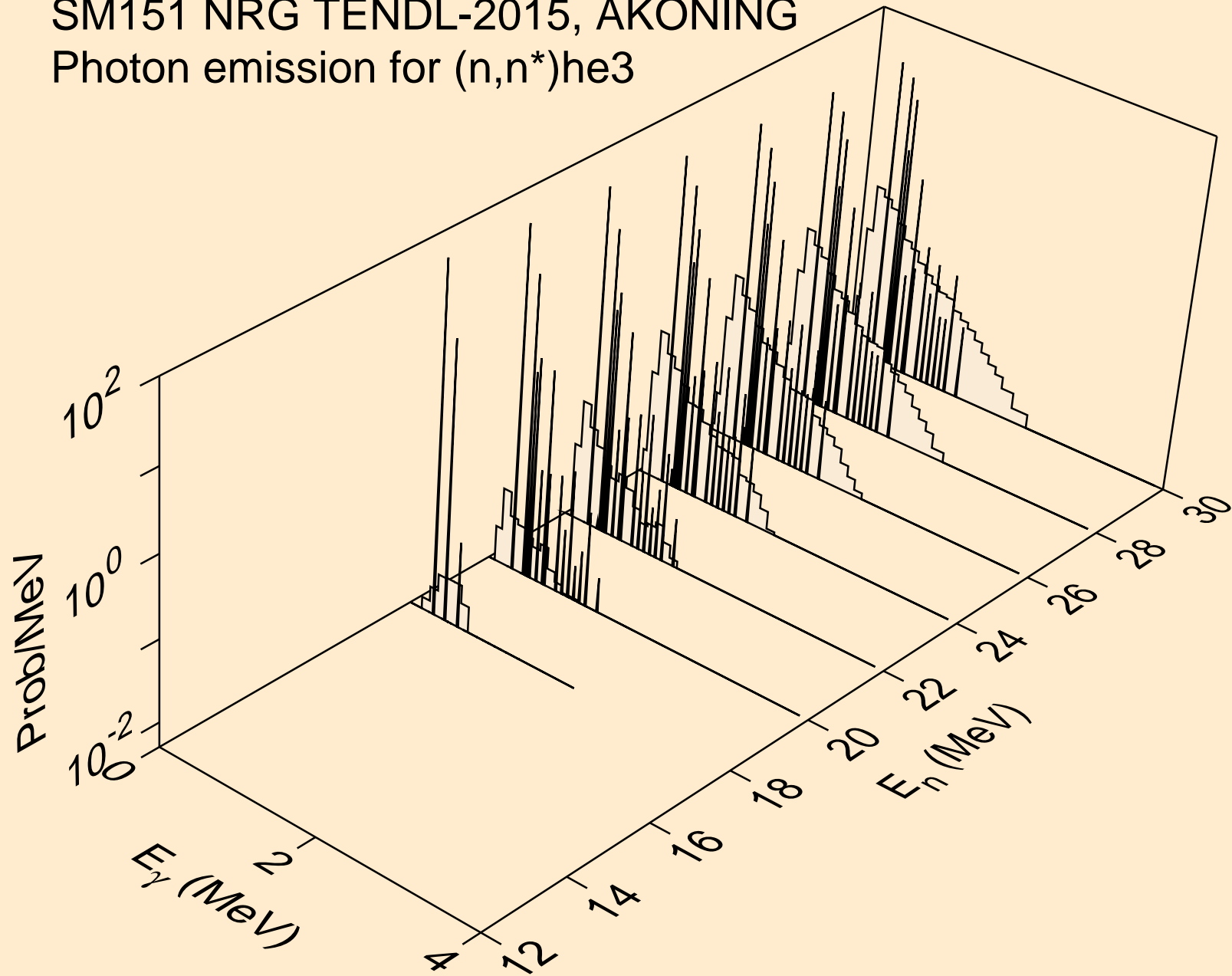
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

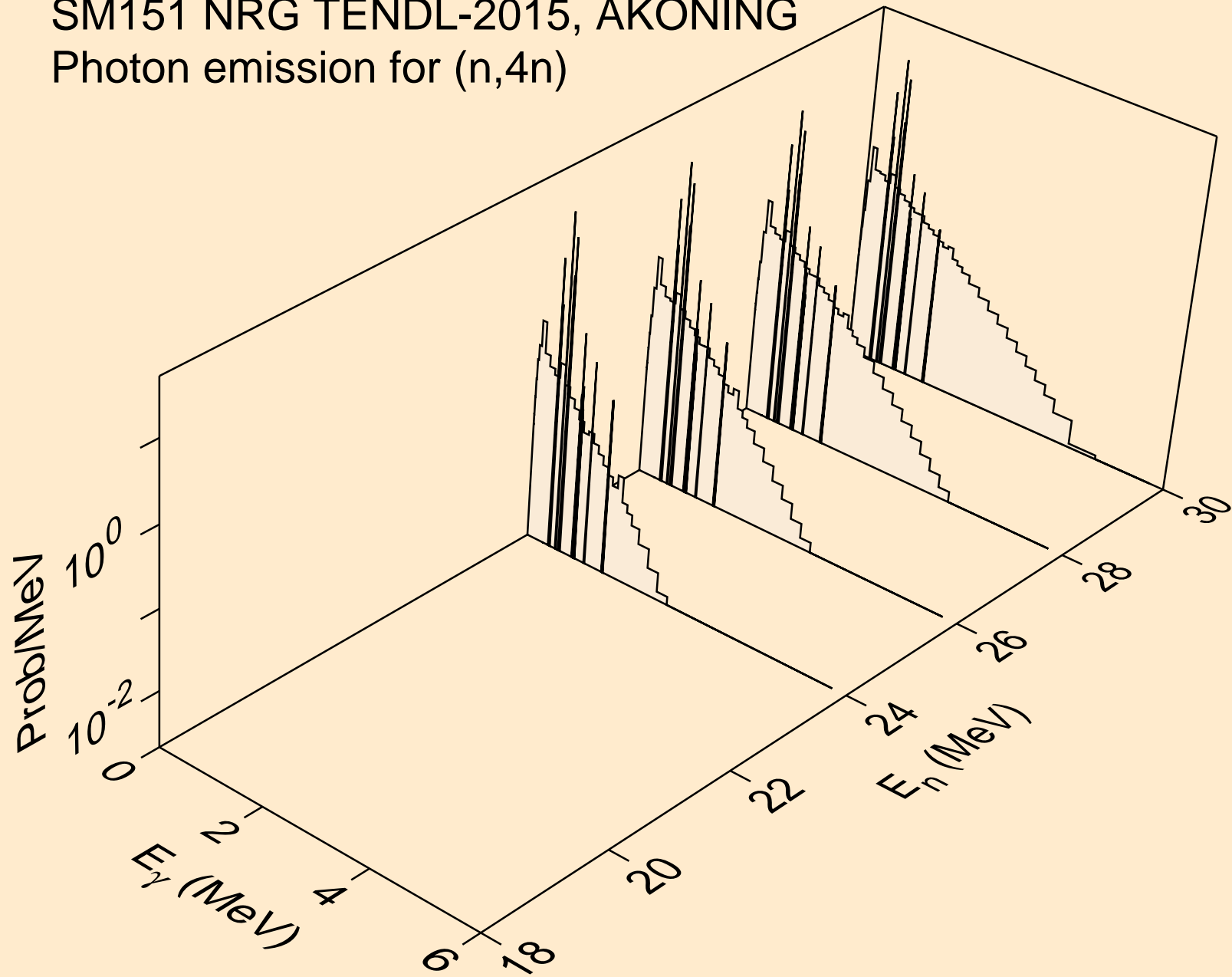


SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

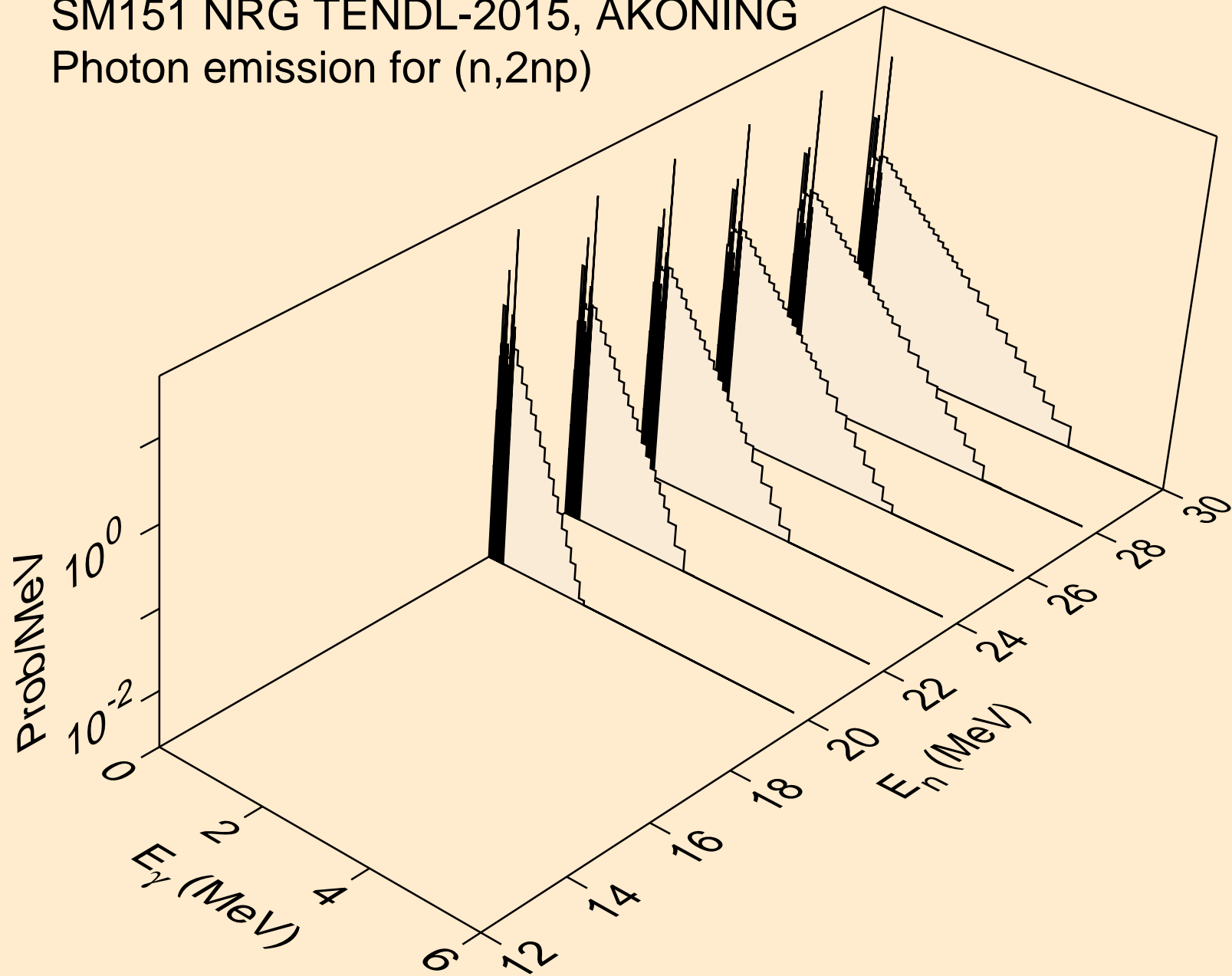




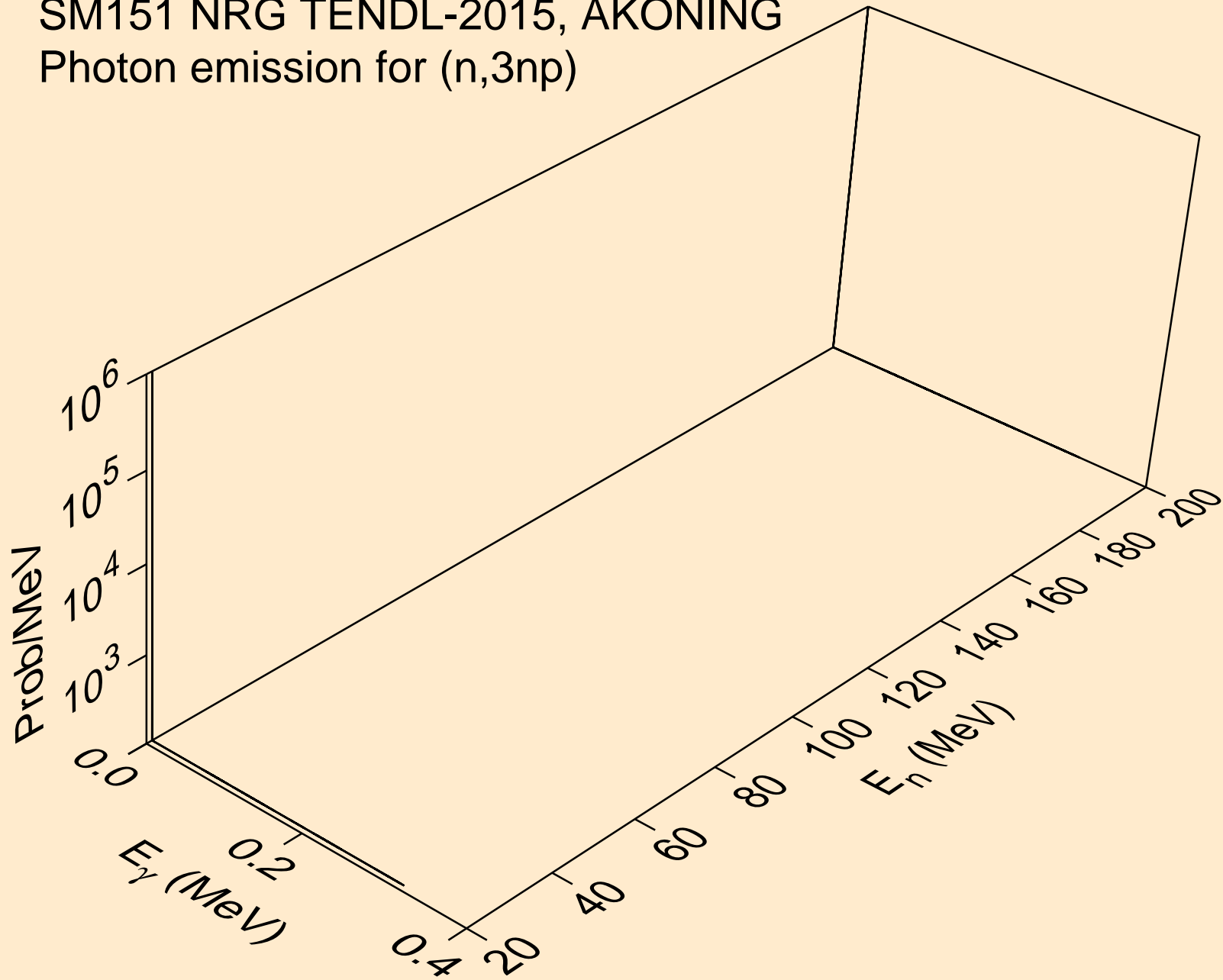
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



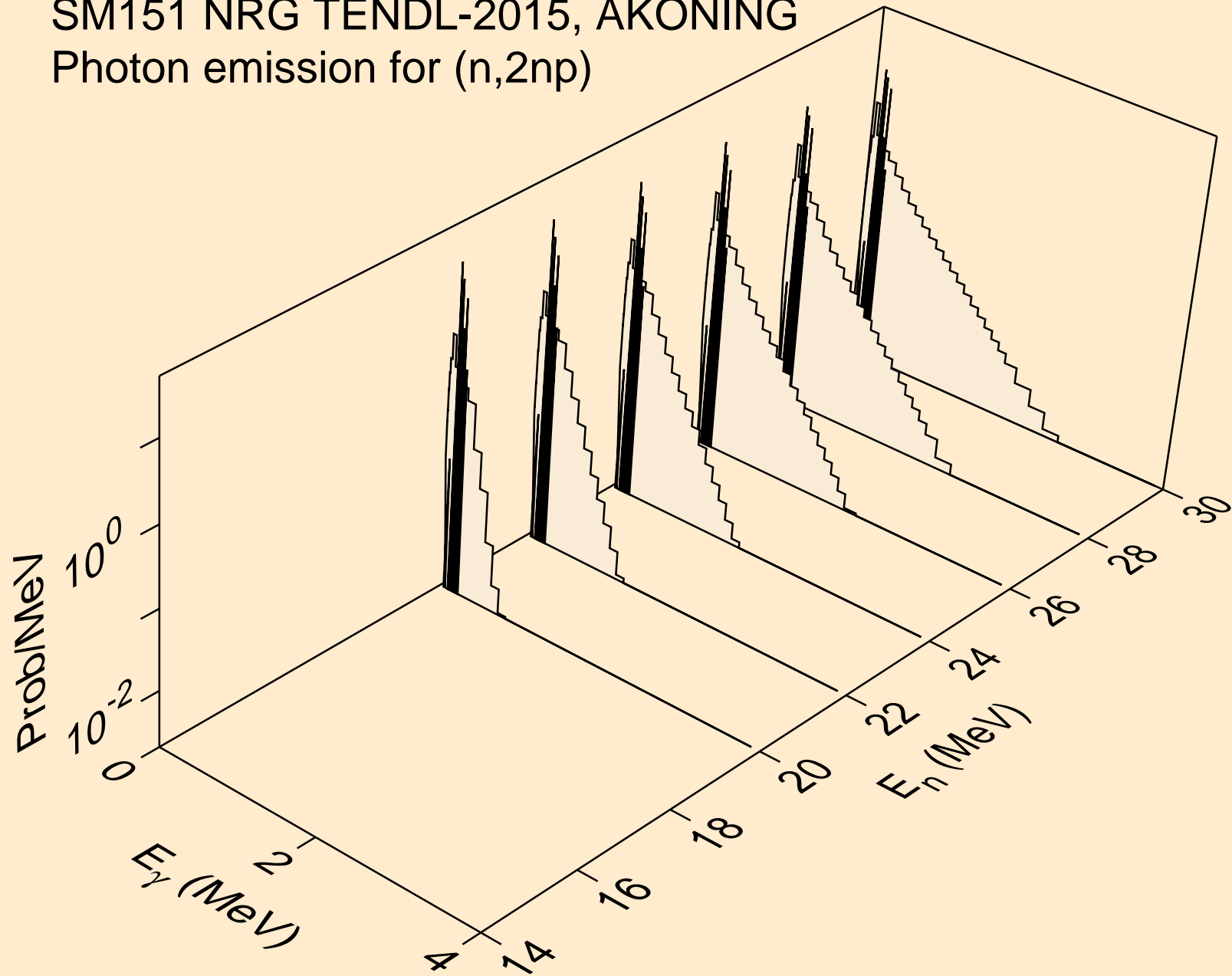
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



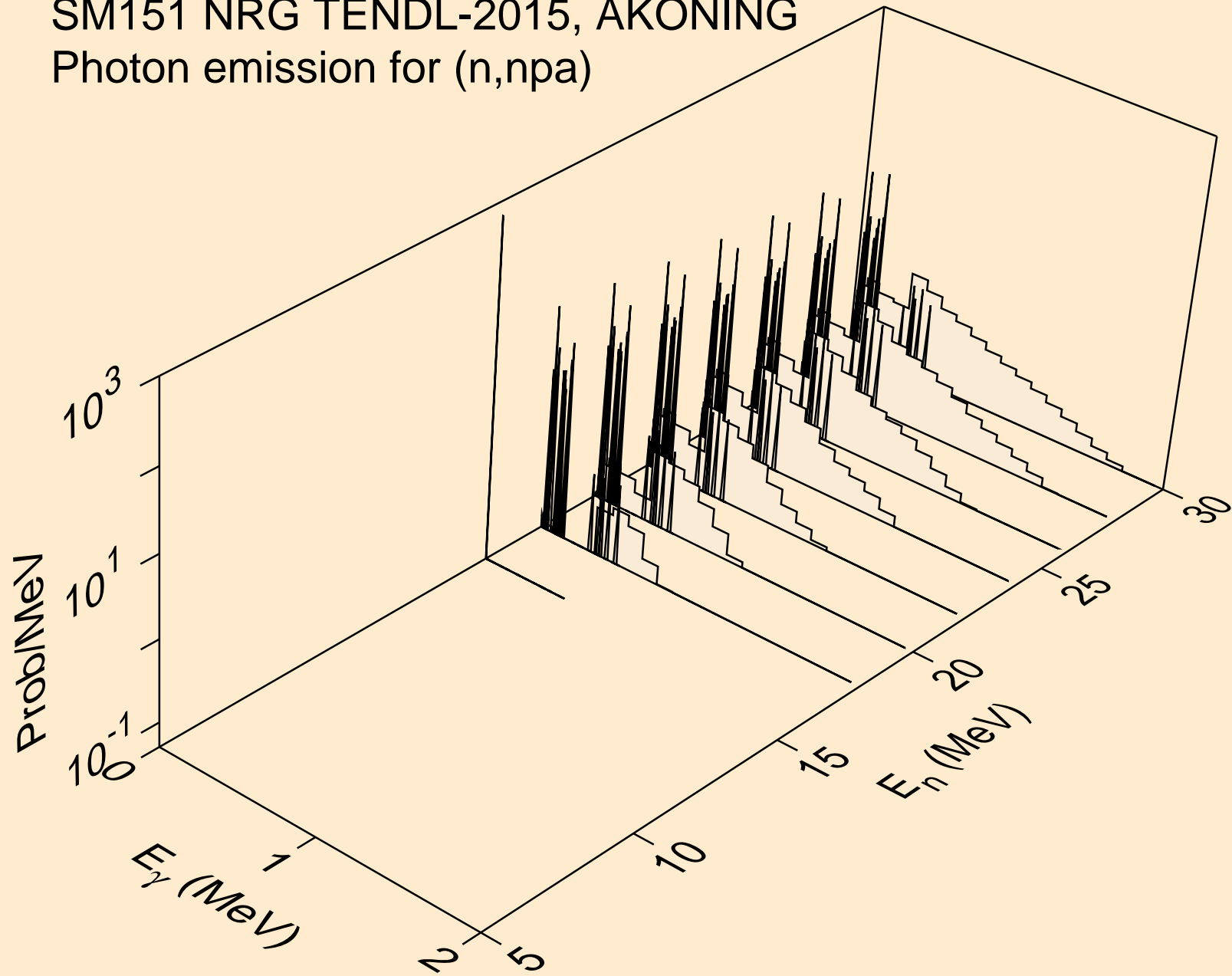
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



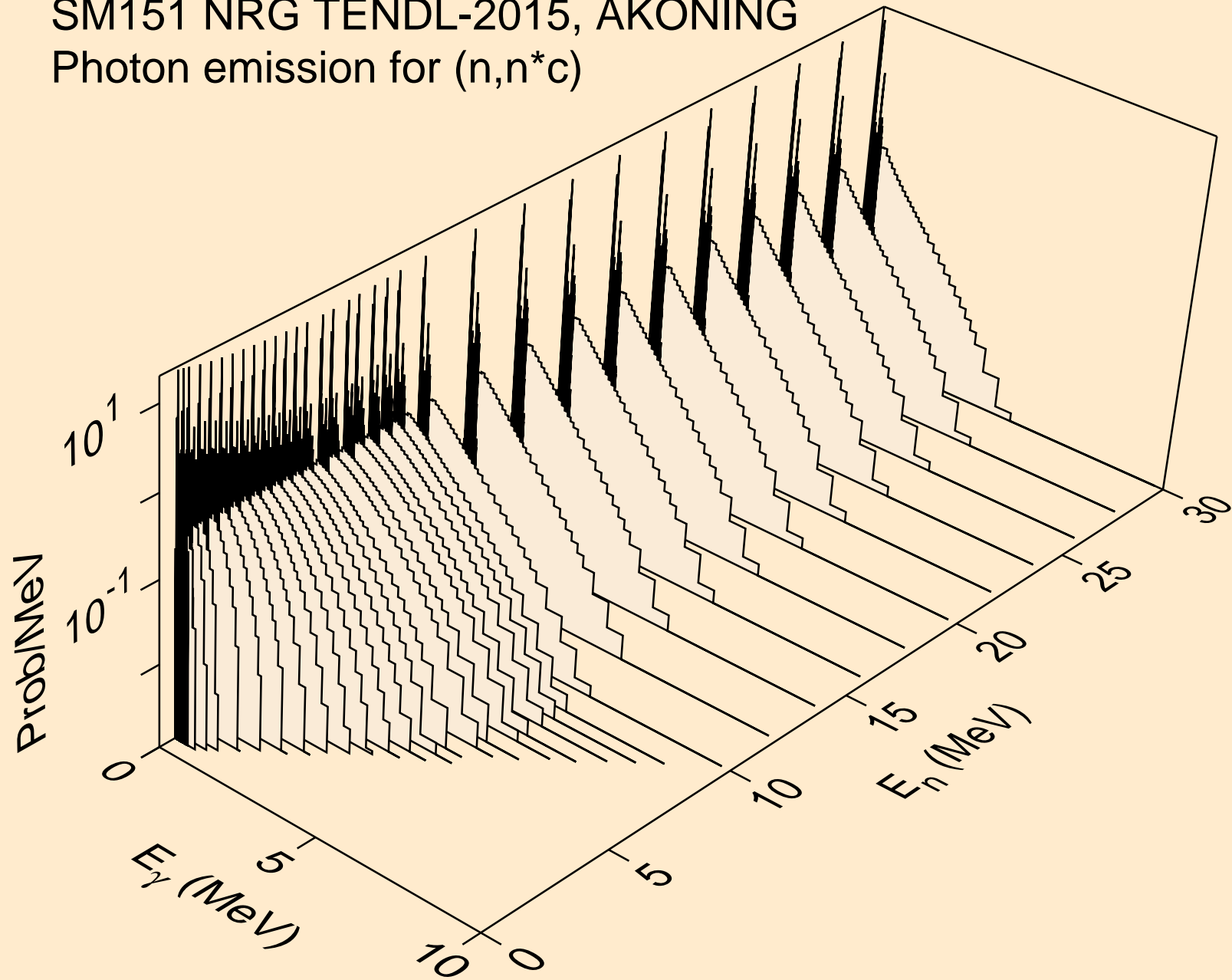
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



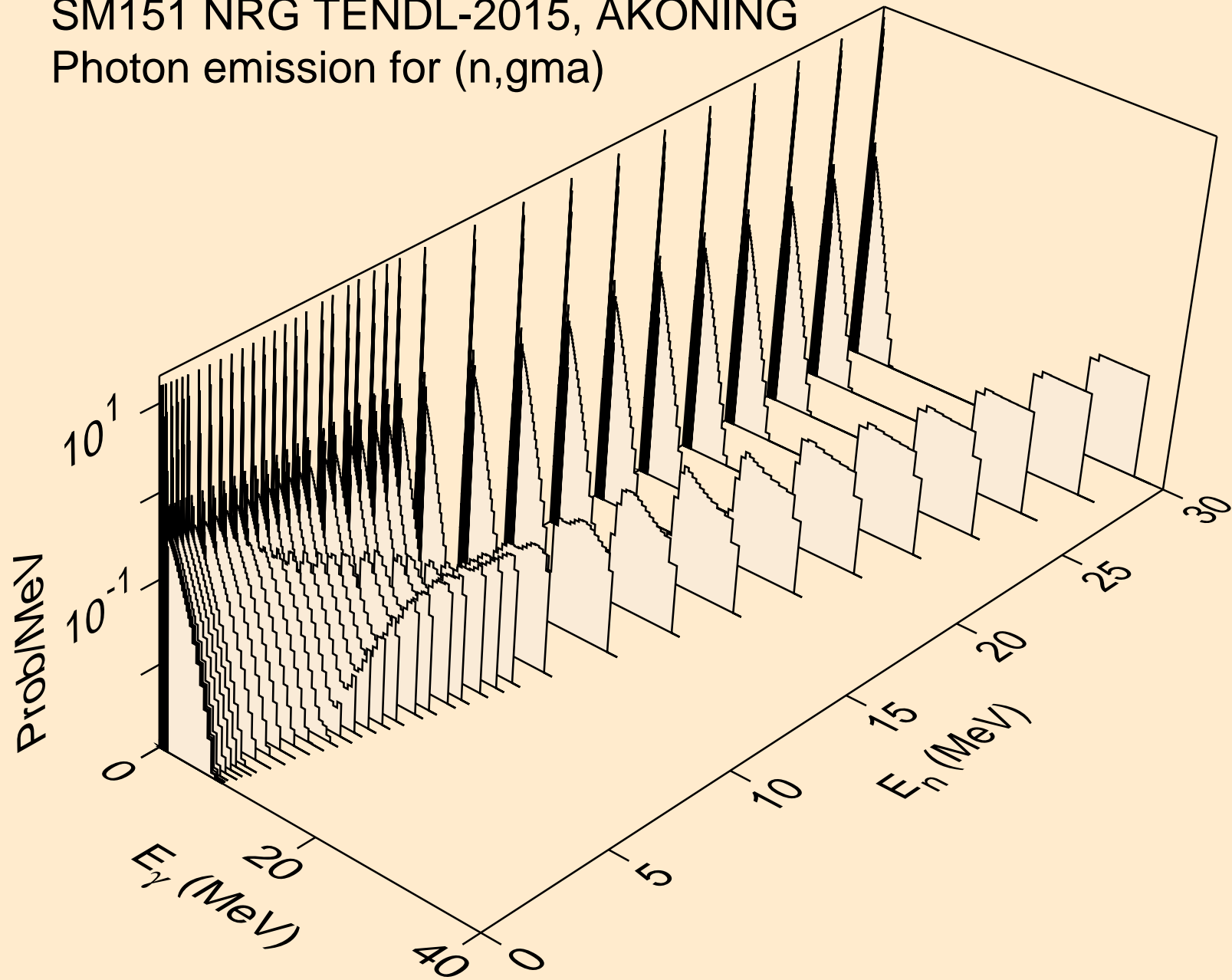
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



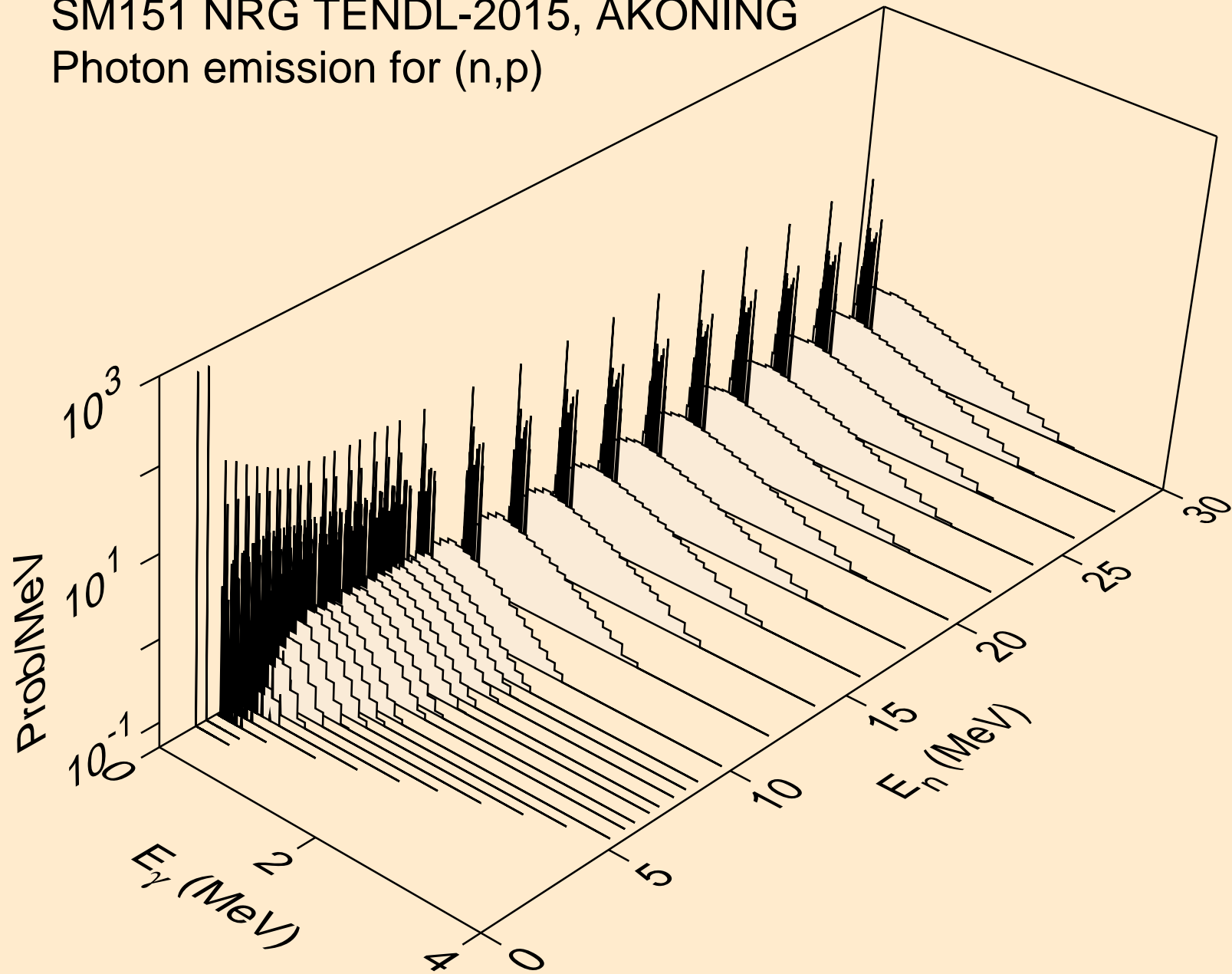
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

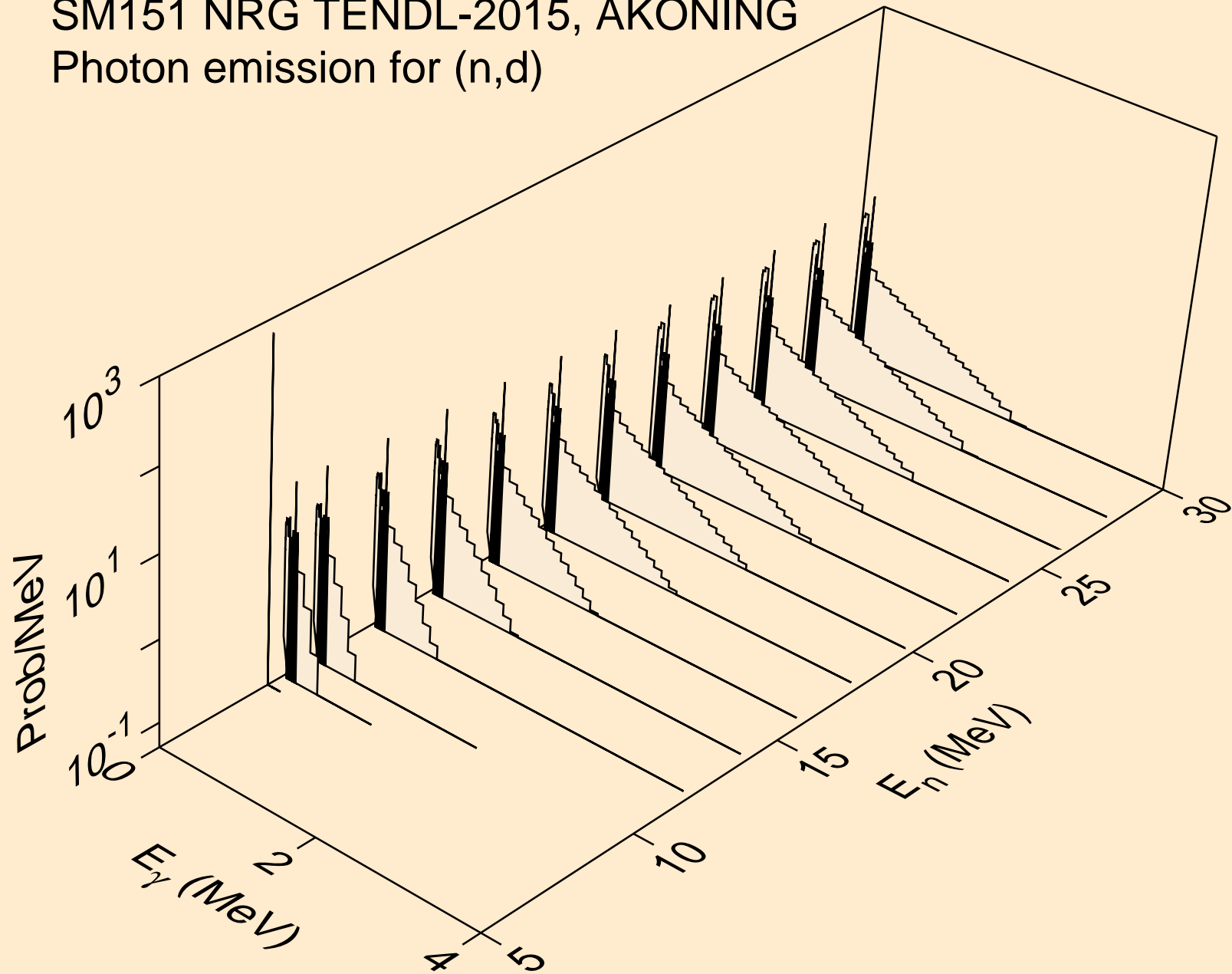


SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

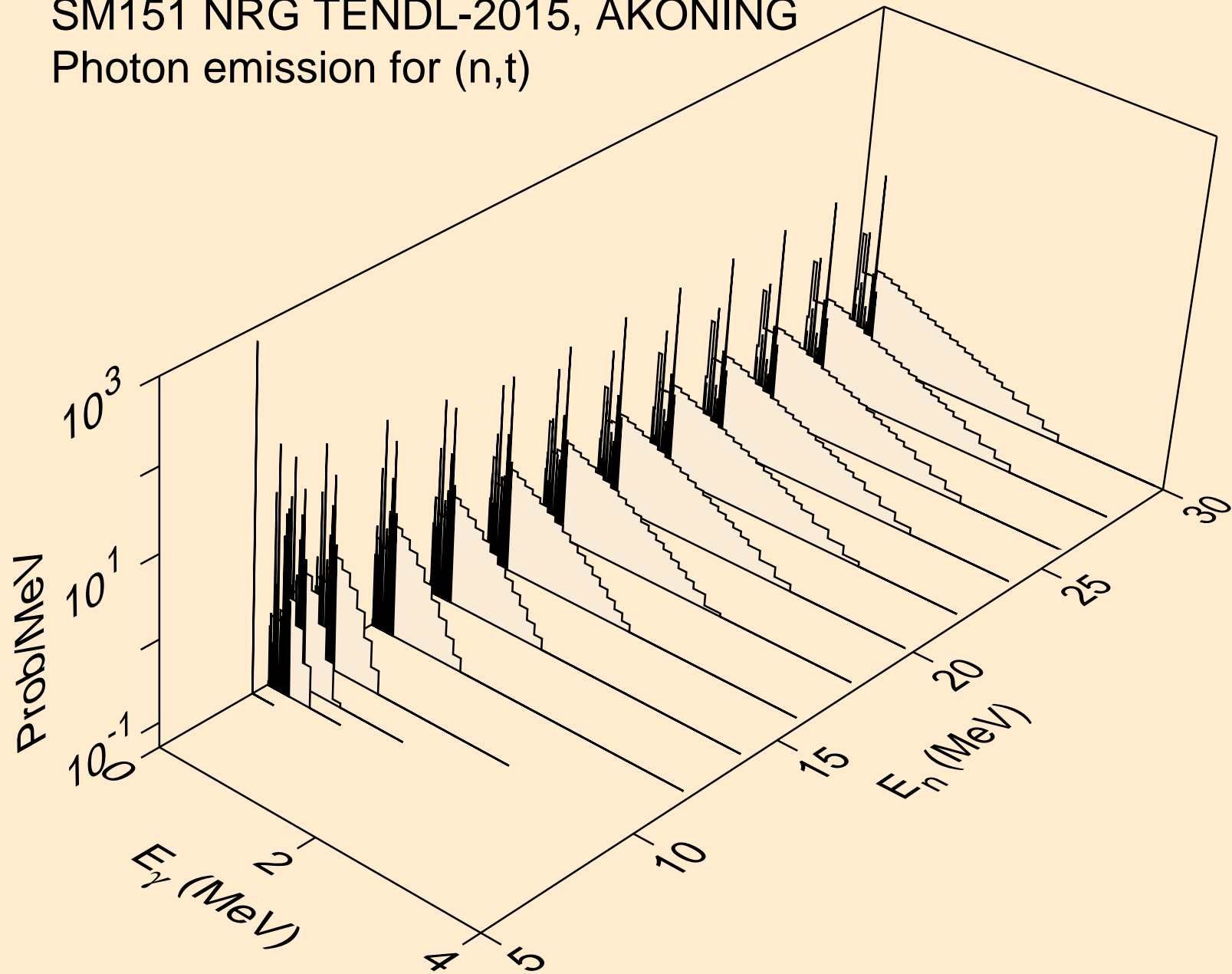




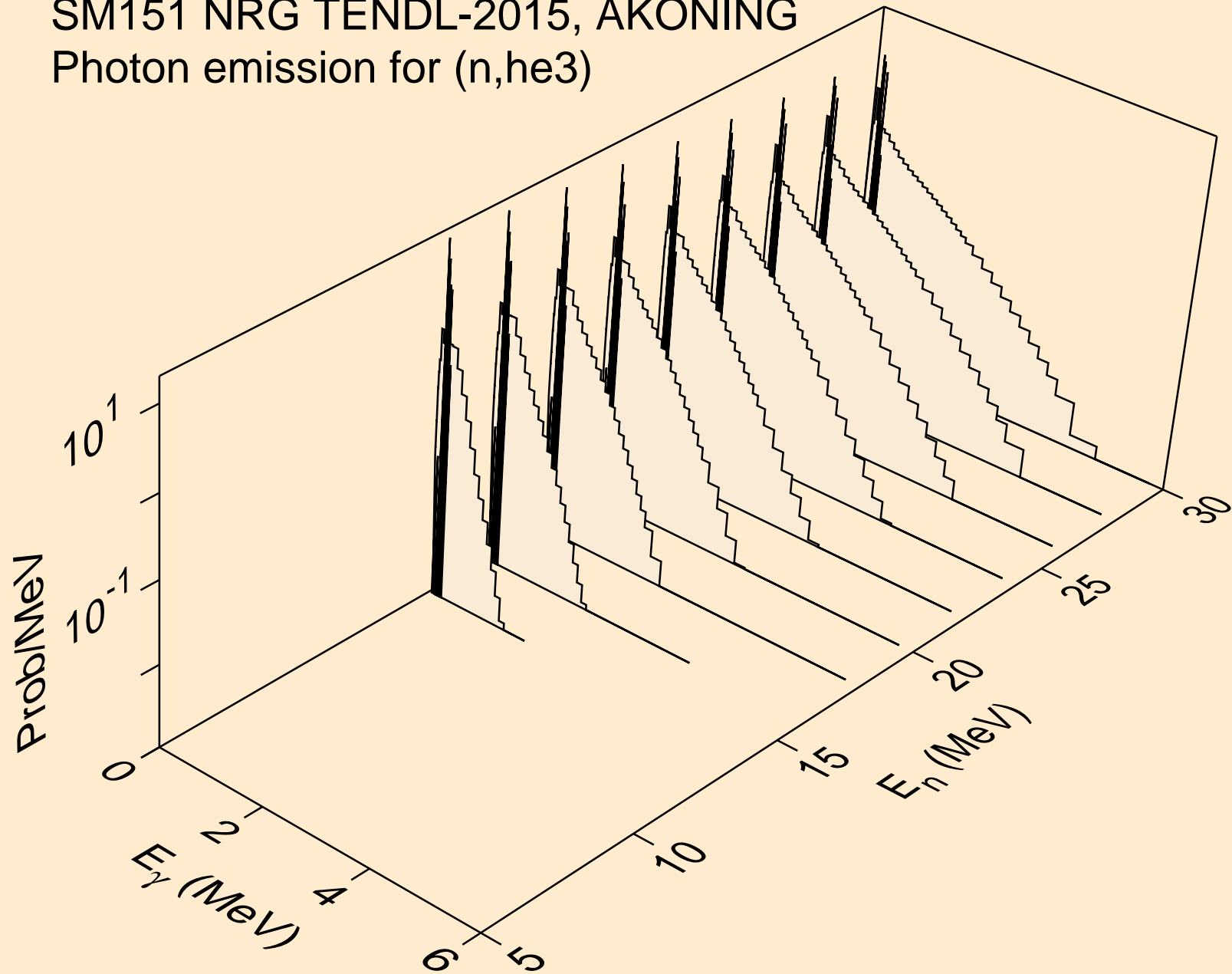
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



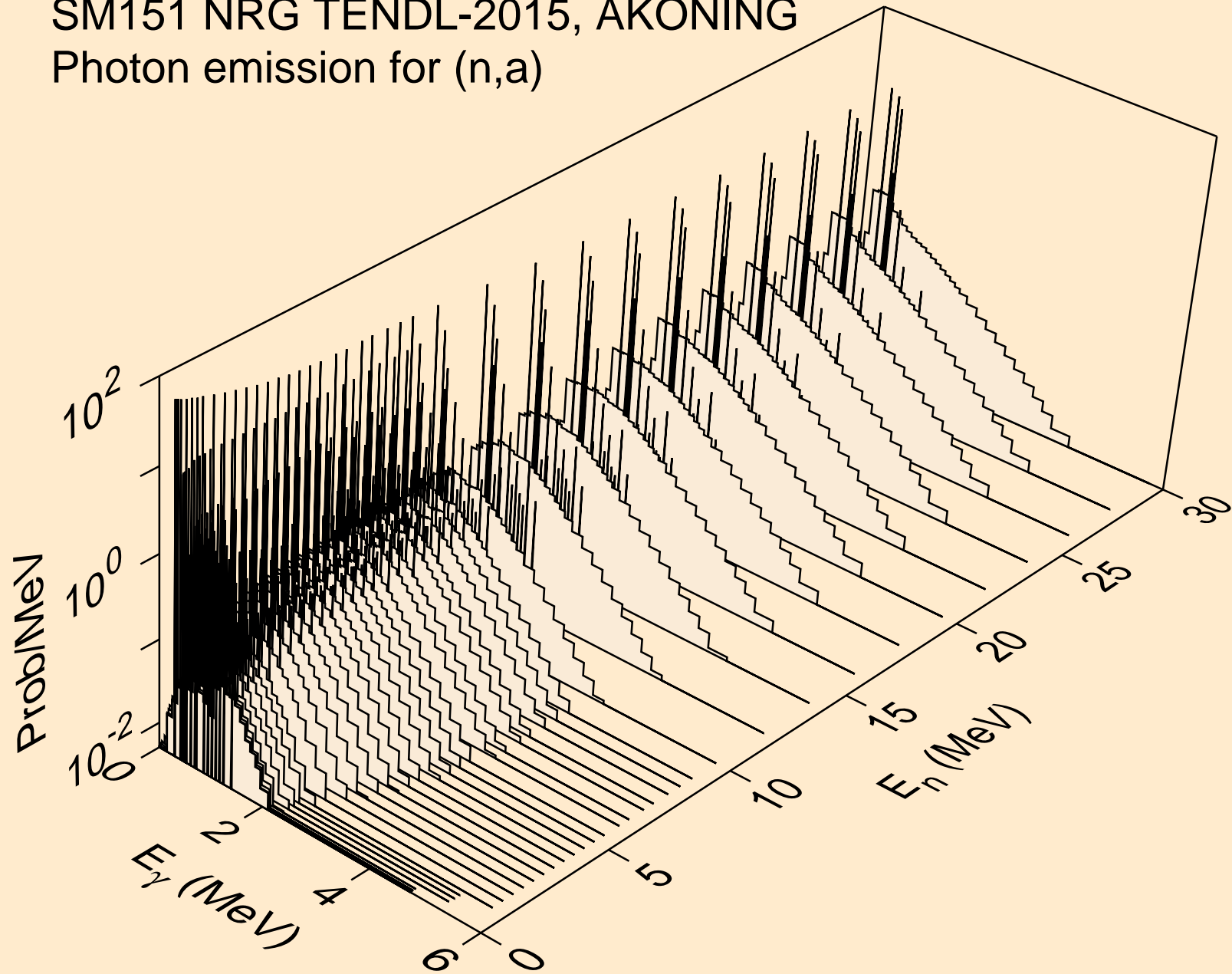
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



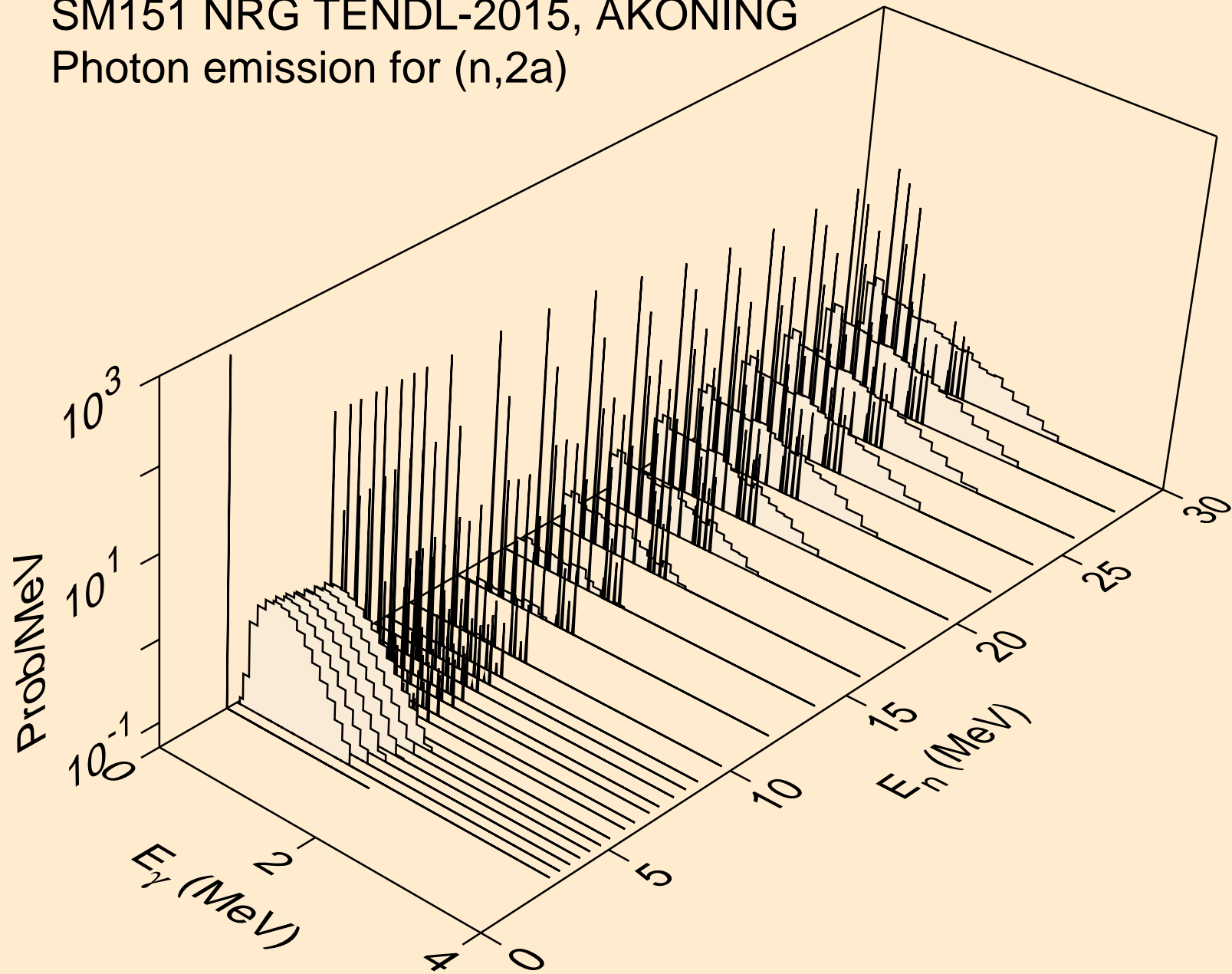
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



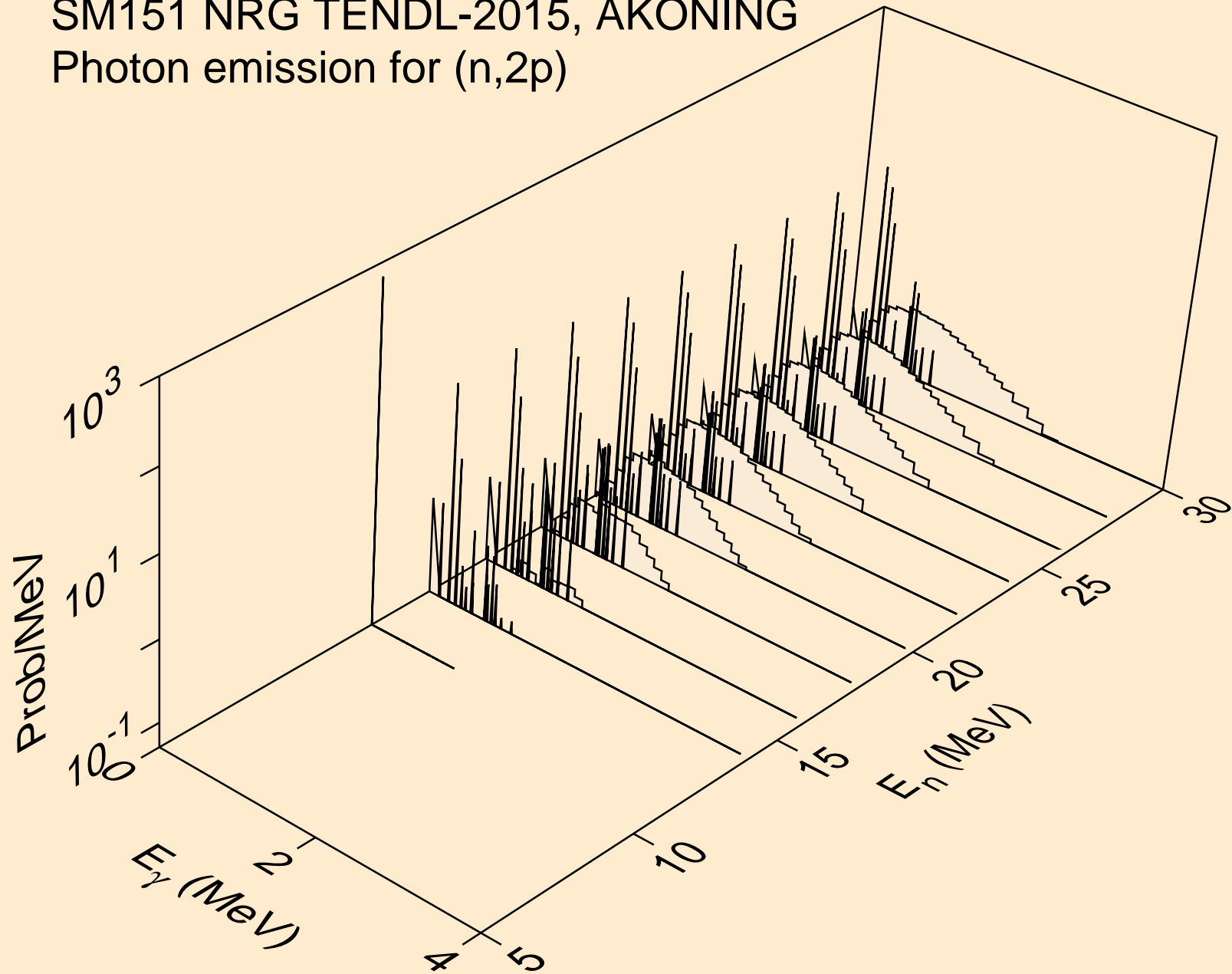
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



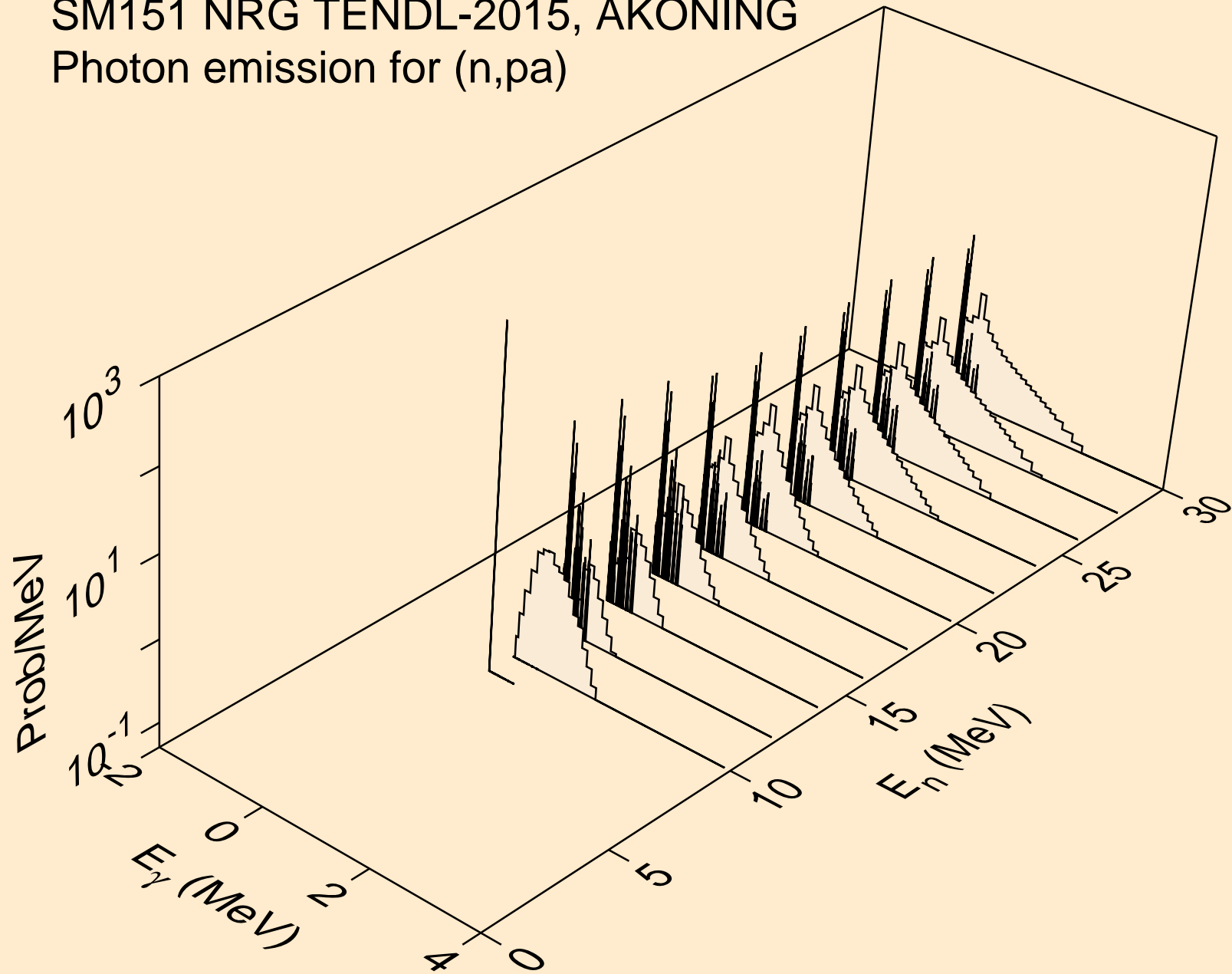
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



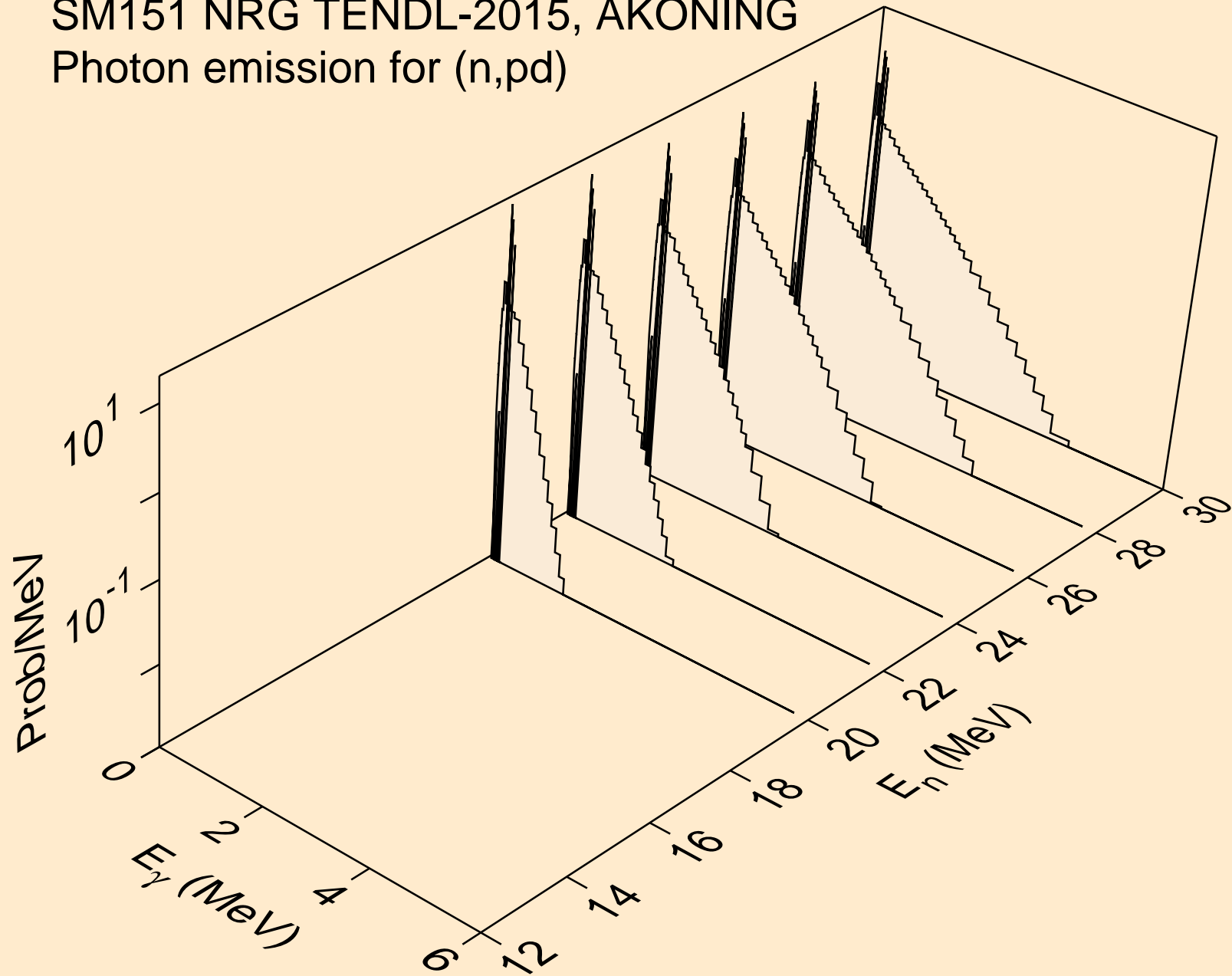
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

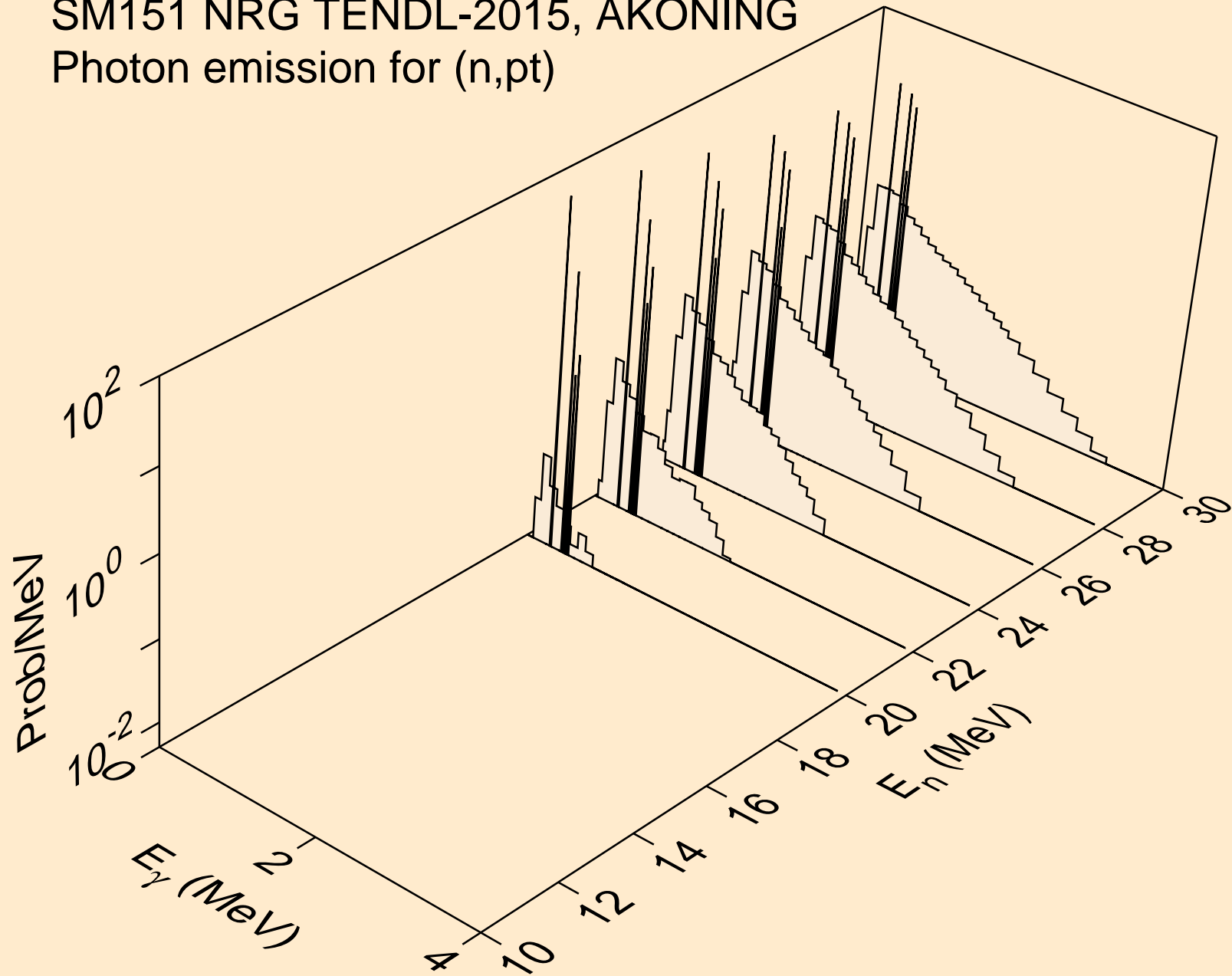


SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

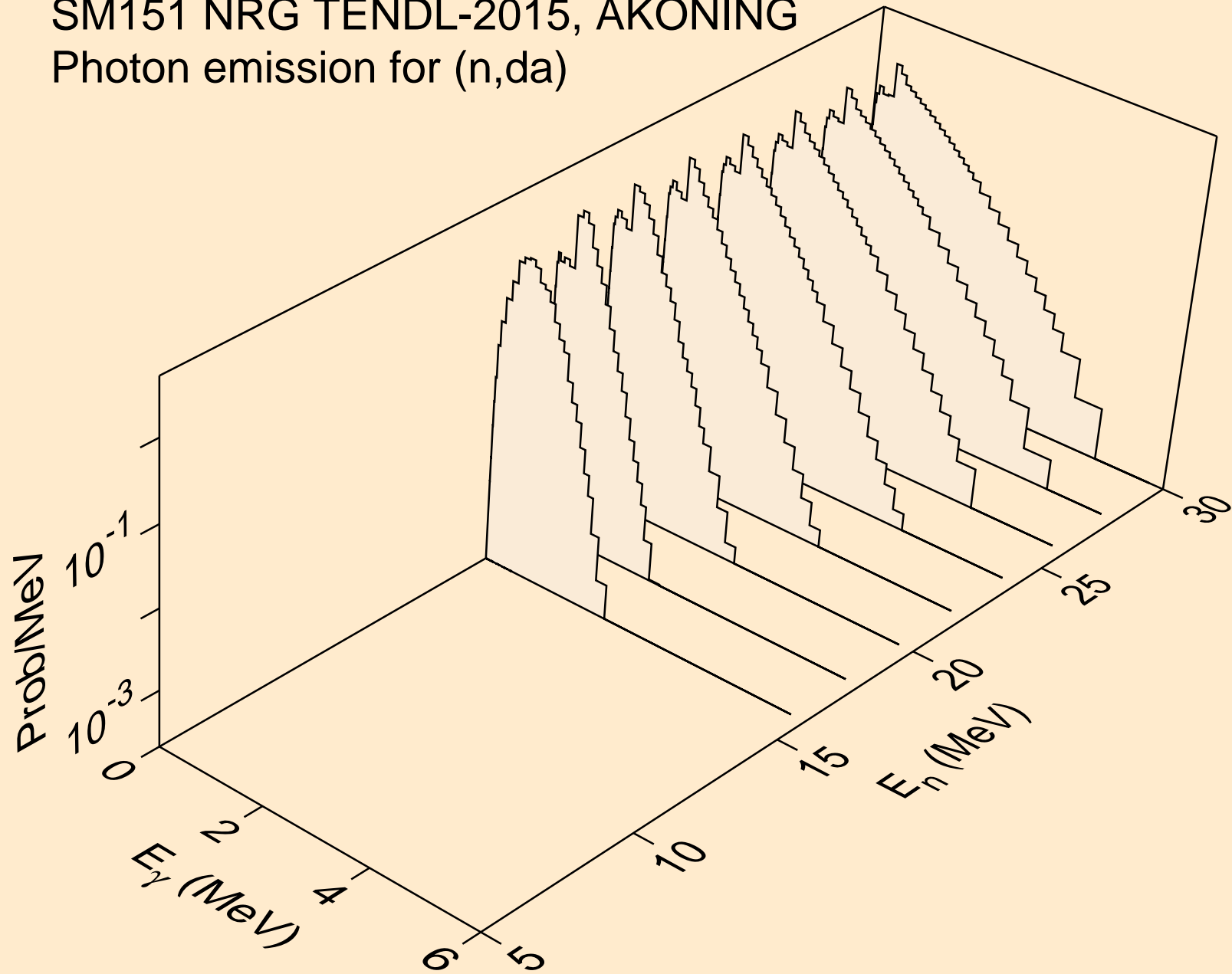




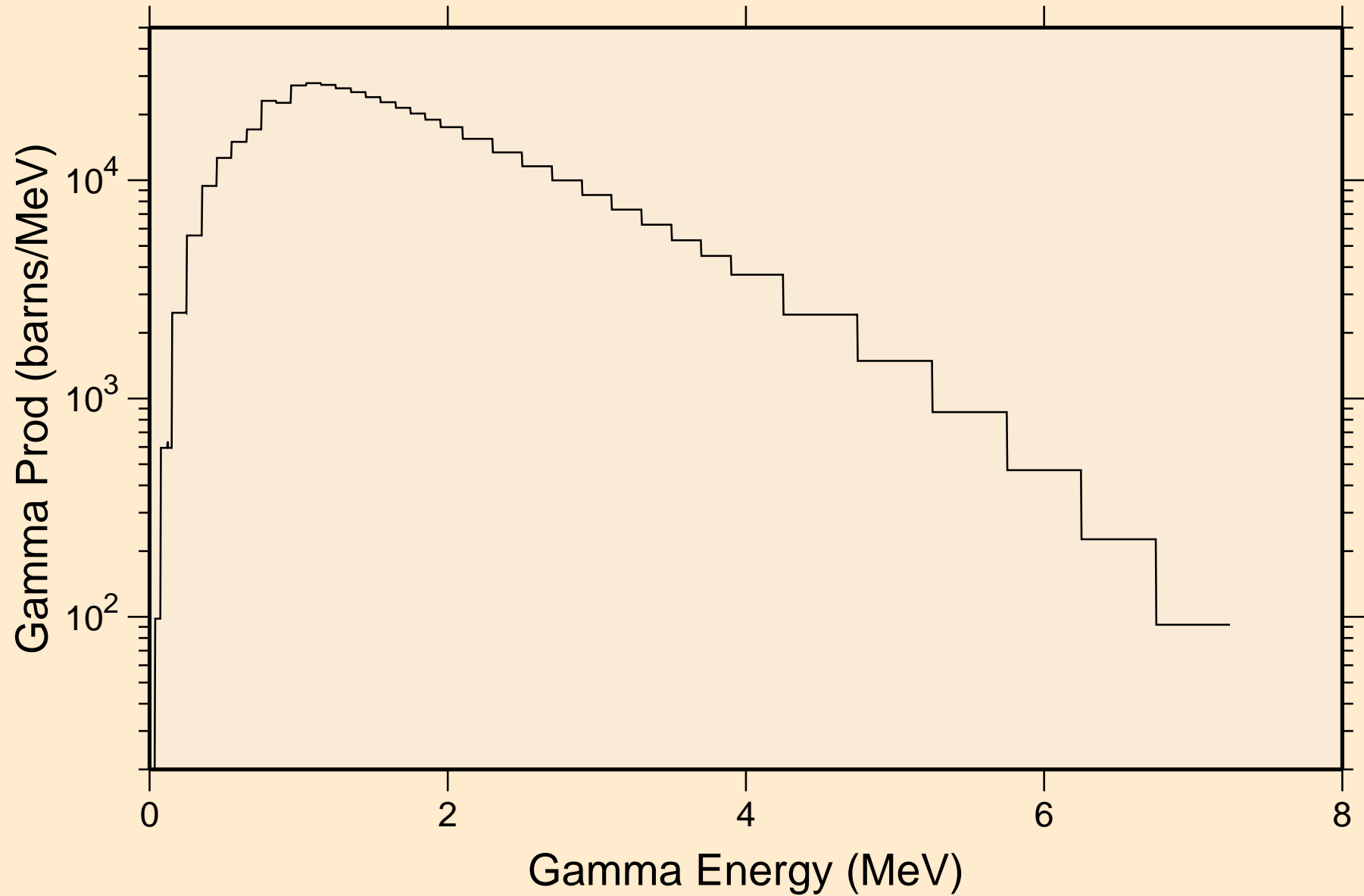
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



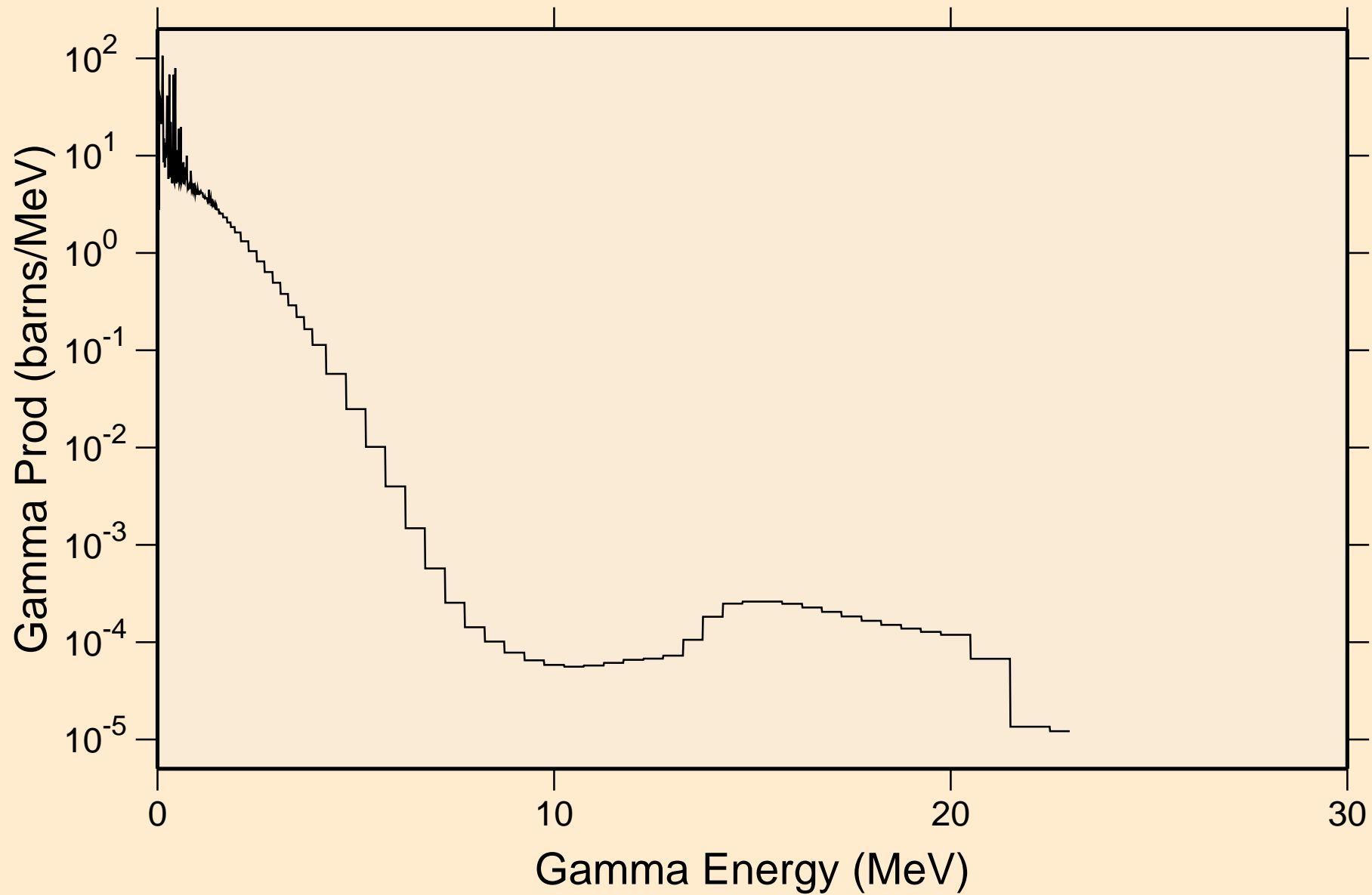
SM151 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SM151 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

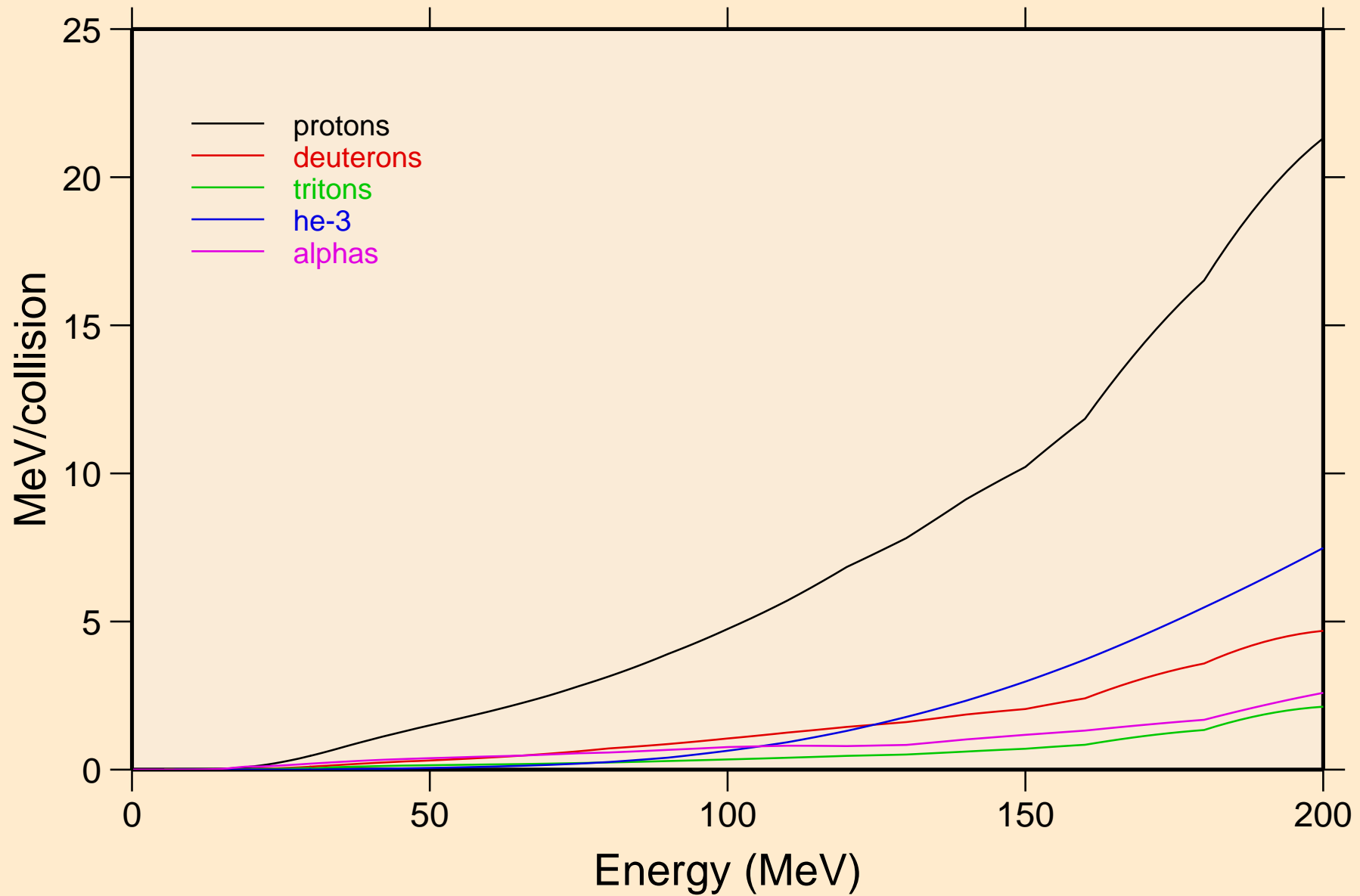


SM151 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



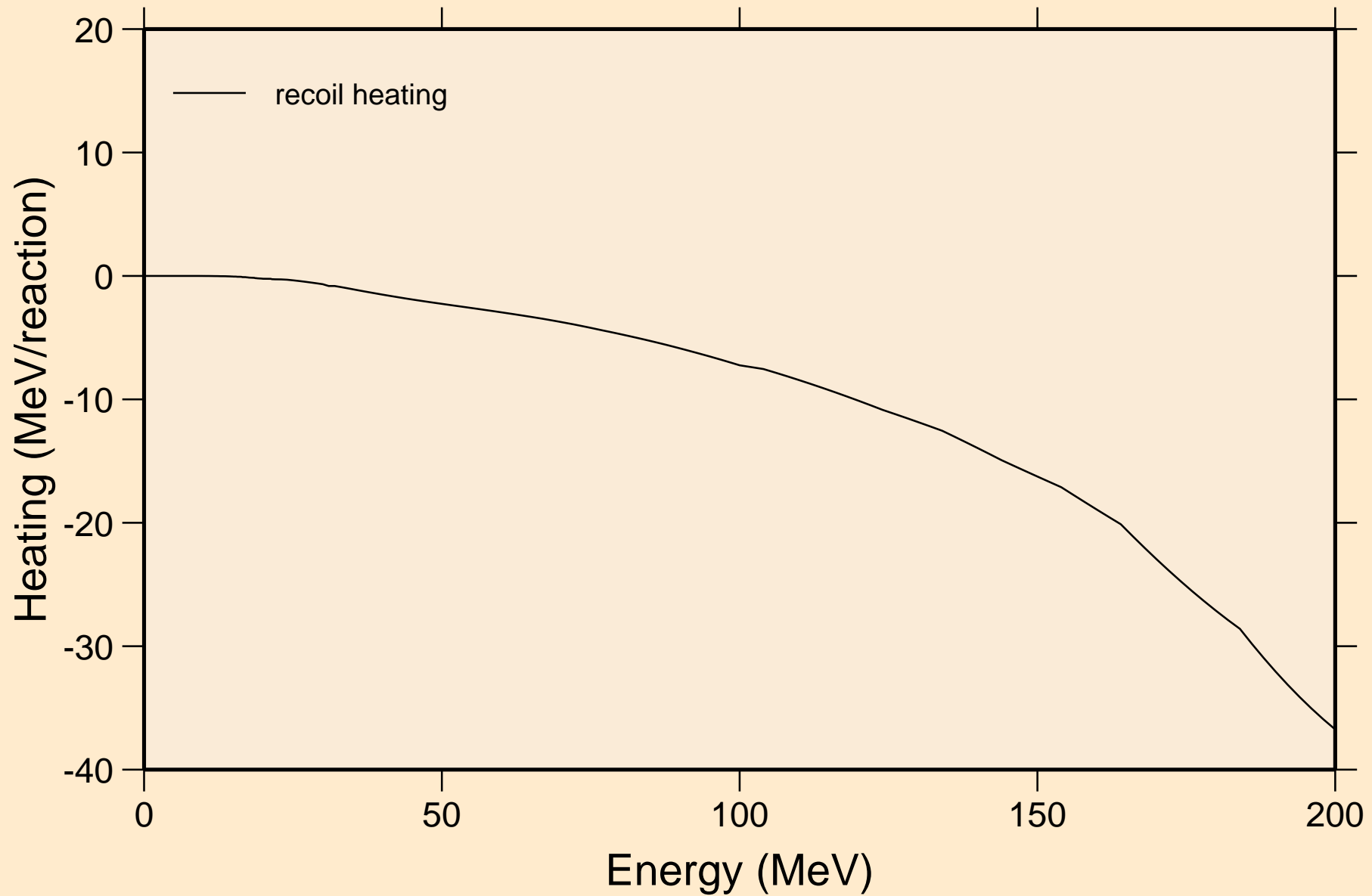
# SM151 NRG TENDL-2015, AKONING

## Particle heating contributions



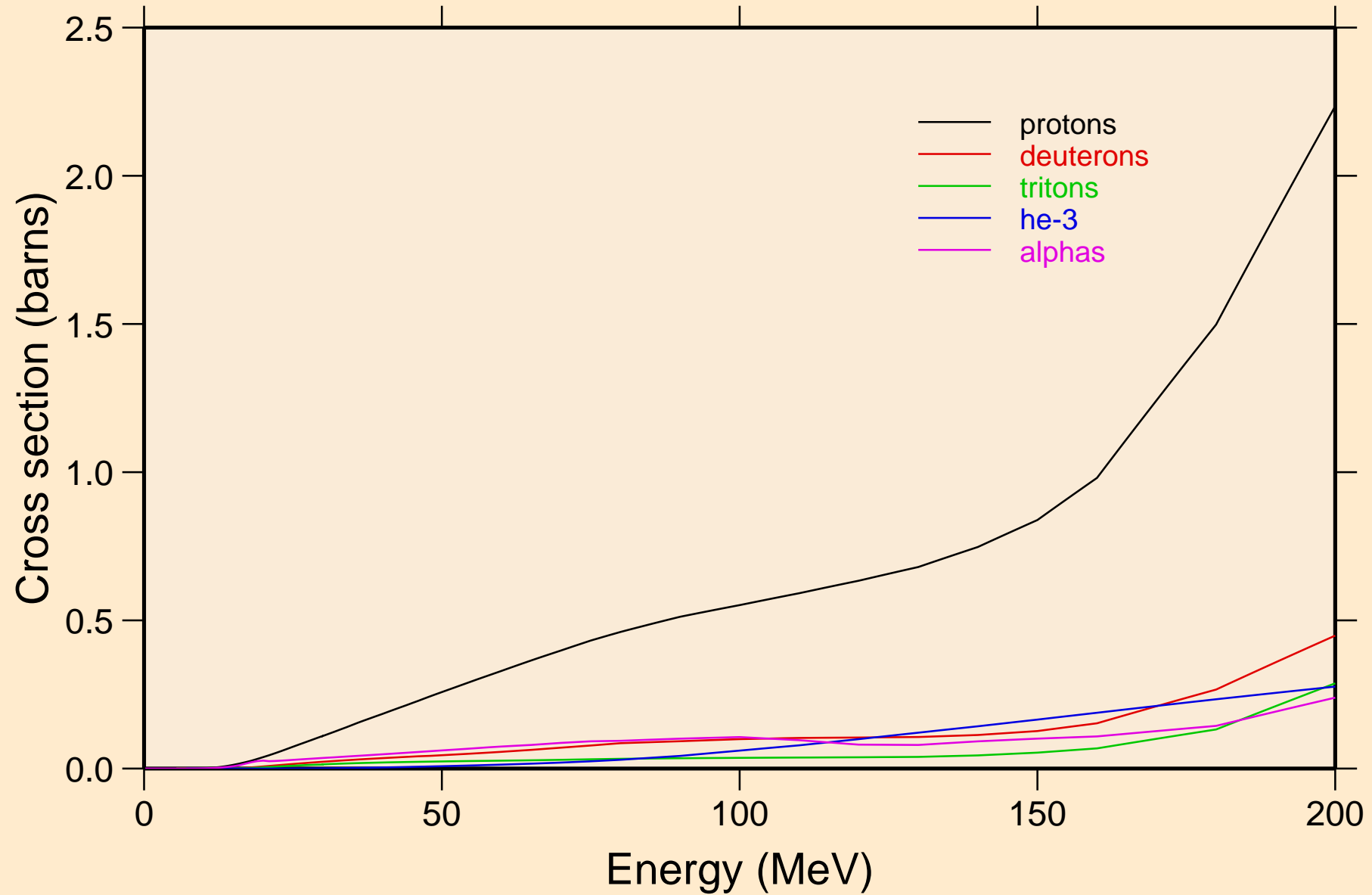
# SM151 NRG TENDL-2015, AKONING

## Recoil Heating

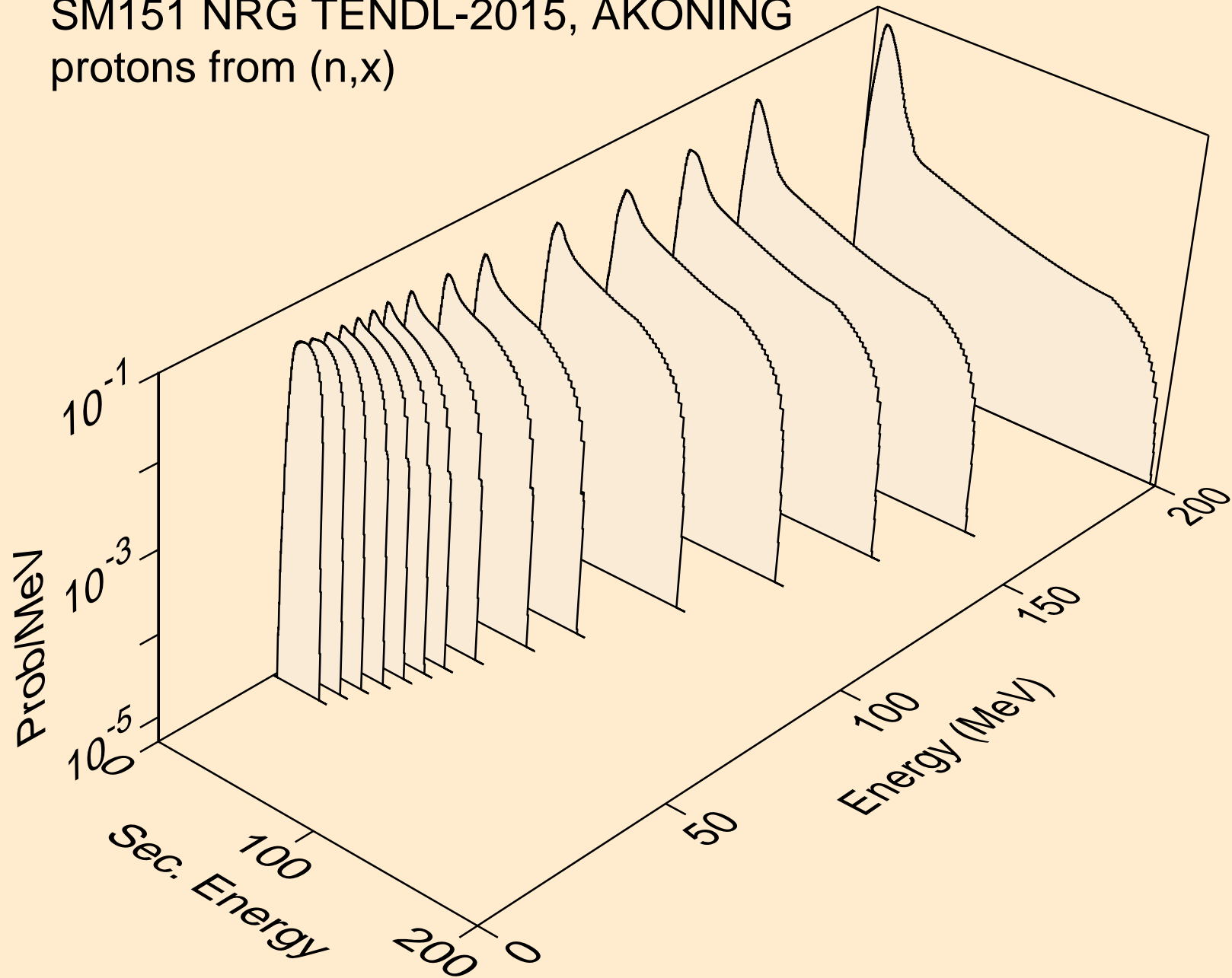


# SM151 NRG TENDL-2015, AKONING

## Particle production cross sections

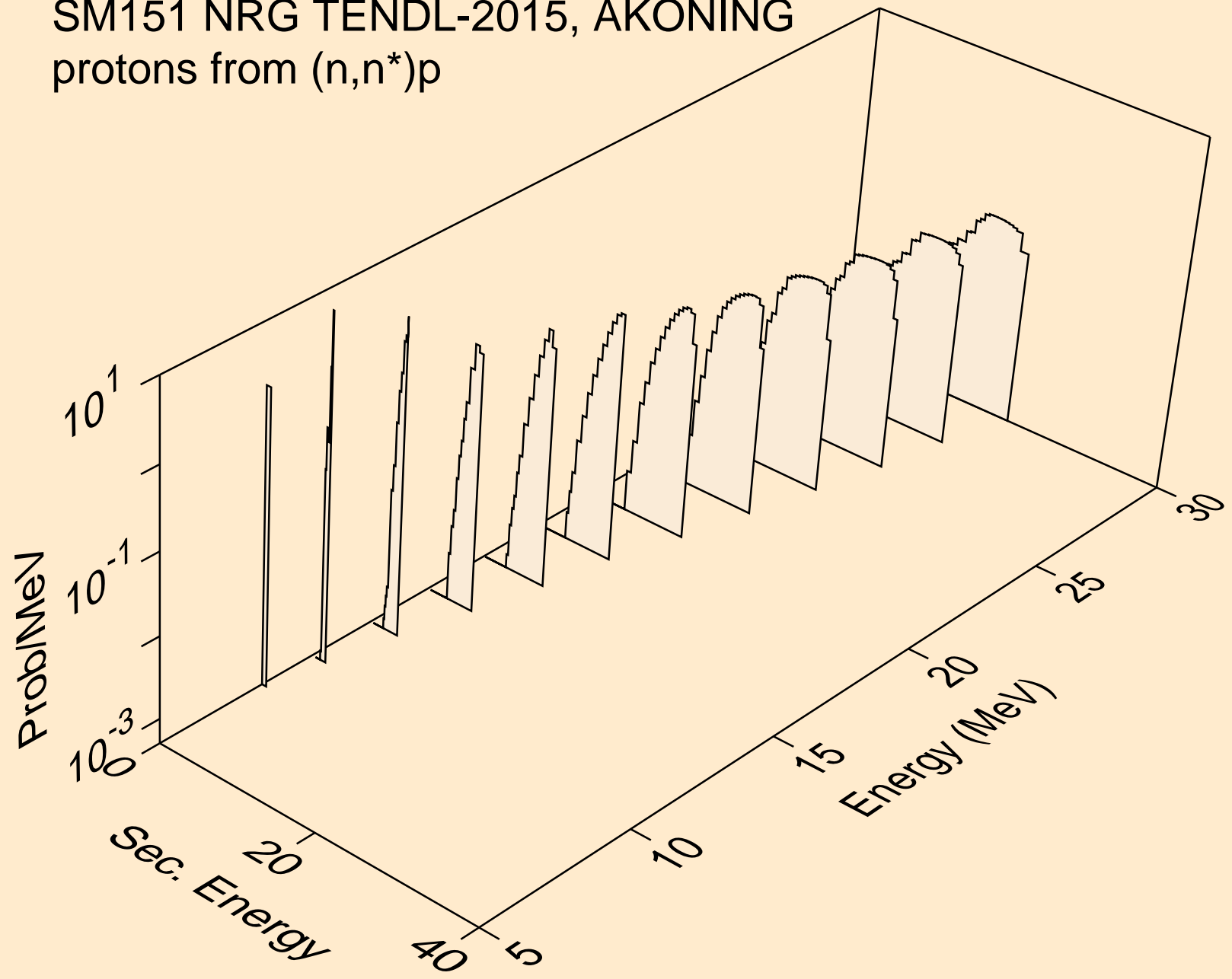


SM151 NRG TENDL-2015, AKONING  
protons from (n,x)

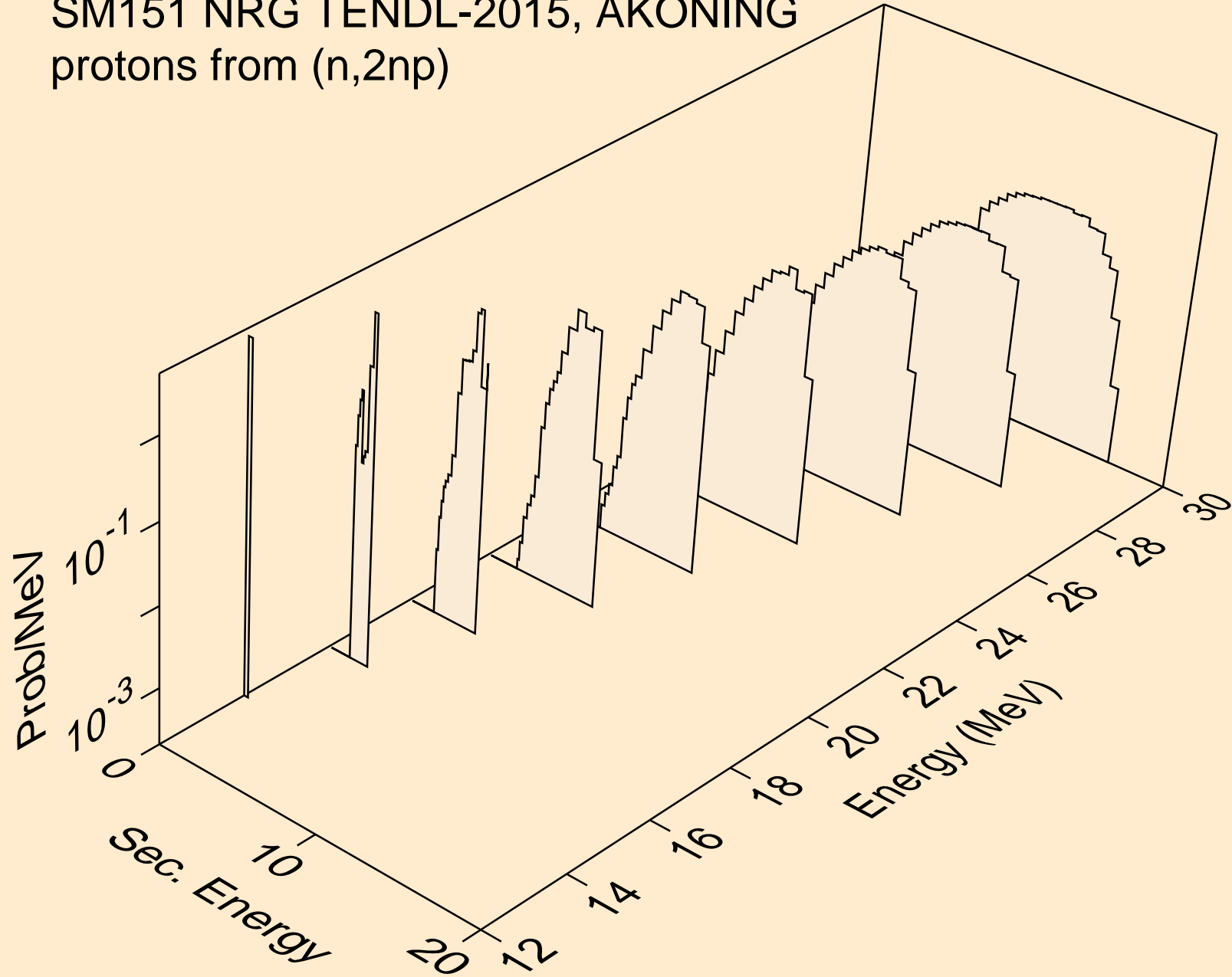




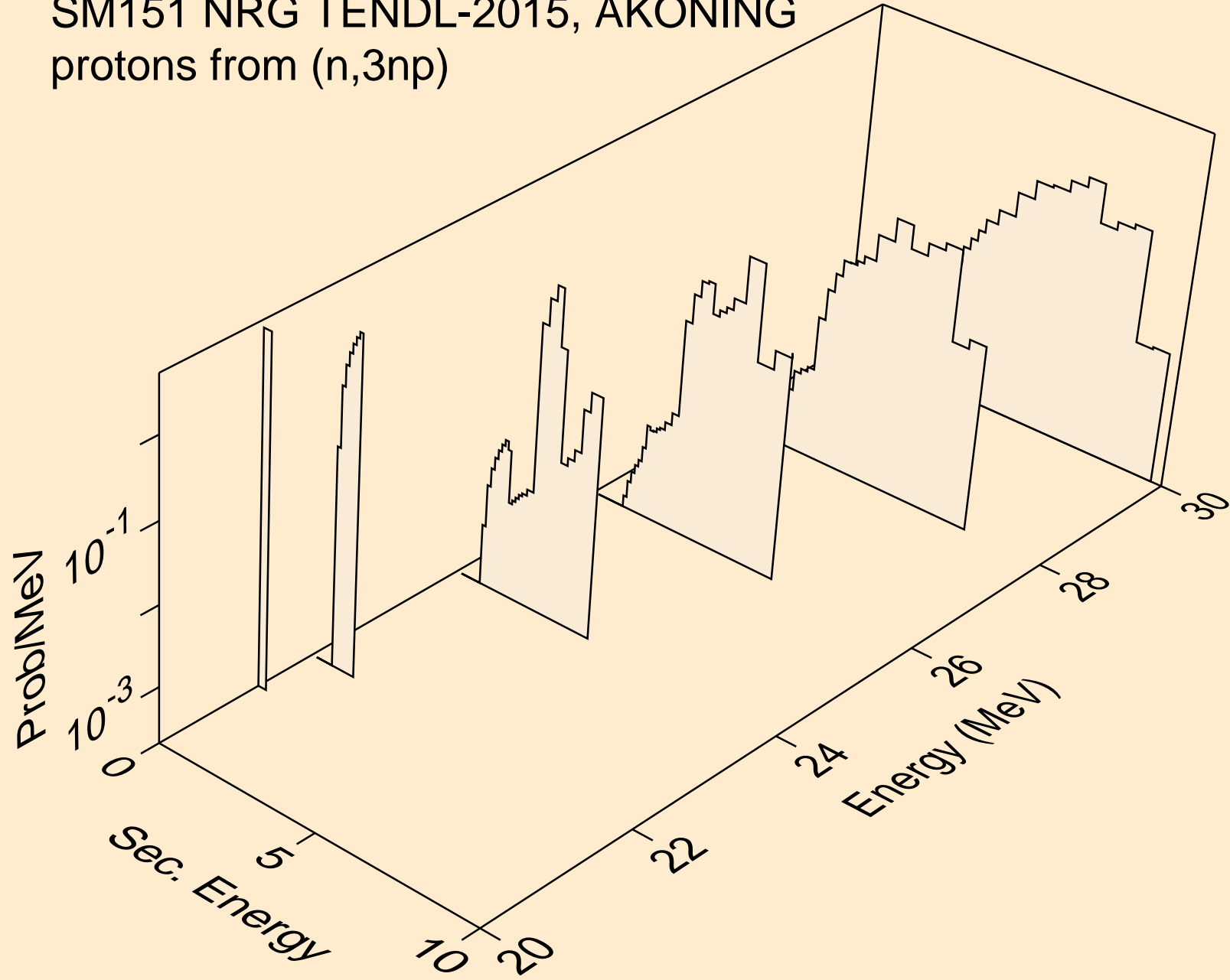
SM151 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



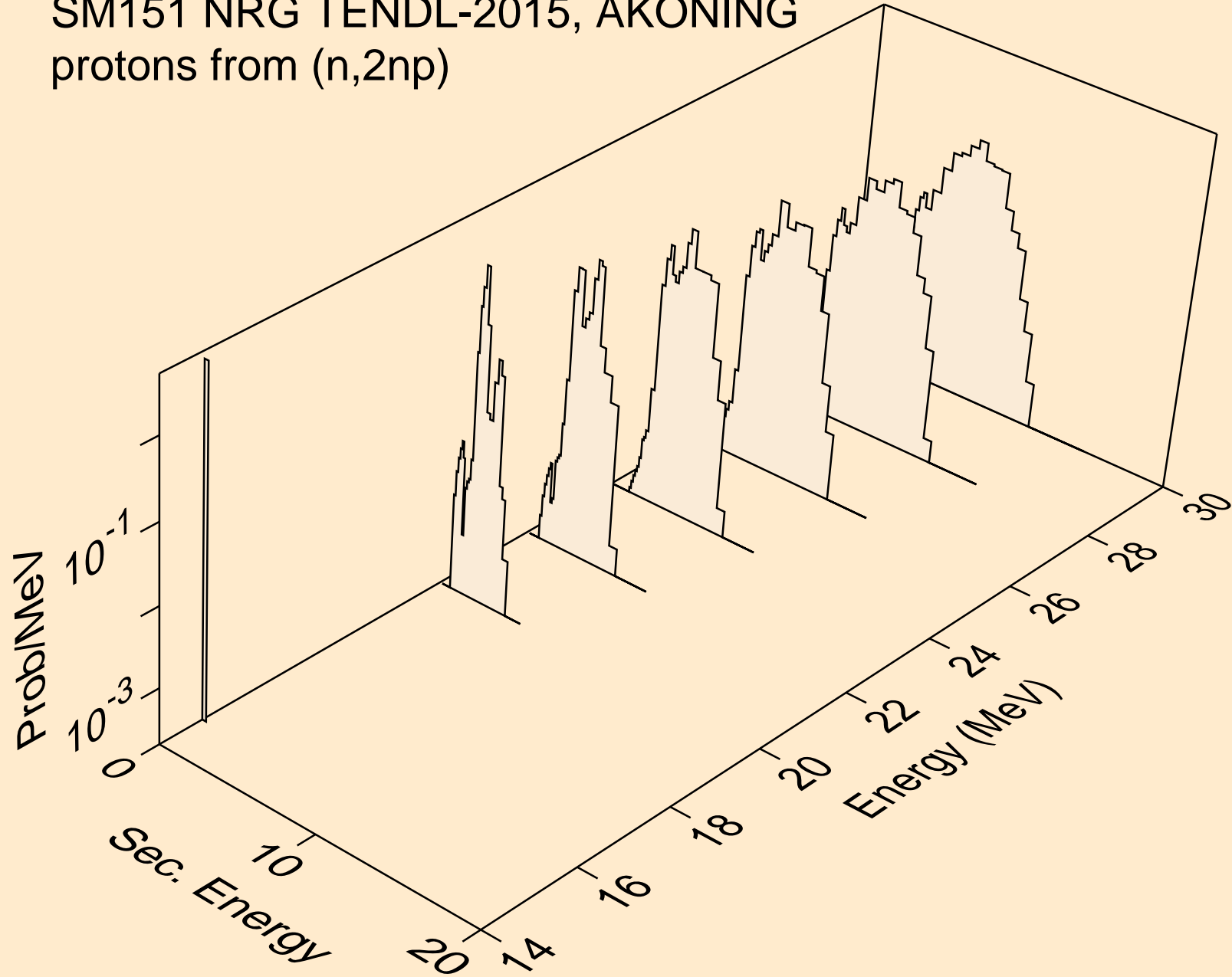
SM151 NRG TENDL-2015, AKONING  
protons from (n,2np)



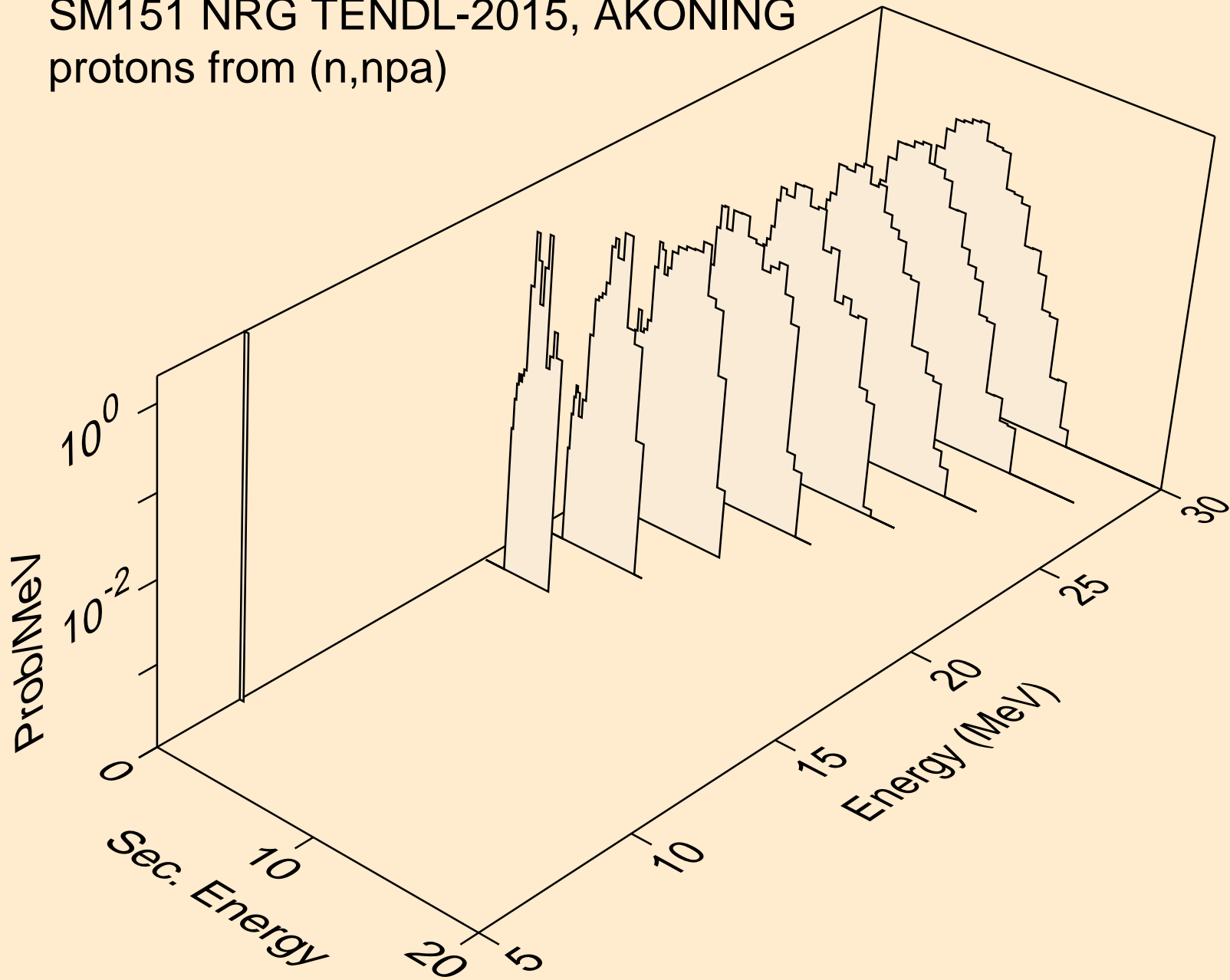
SM151 NRG TENDL-2015, AKONING  
protons from (n,3np)



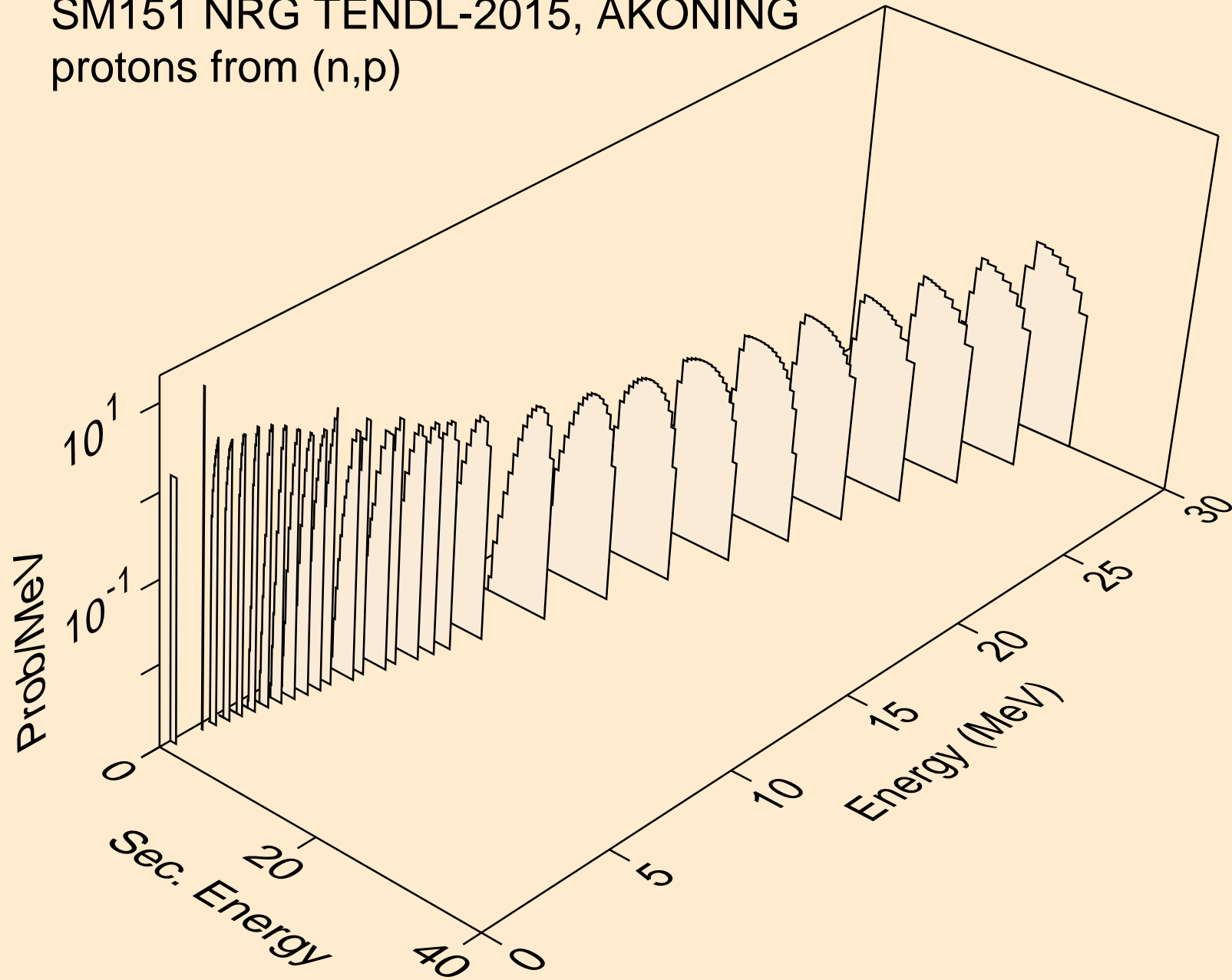
SM151 NRG TENDL-2015, AKONING  
protons from (n,2np)



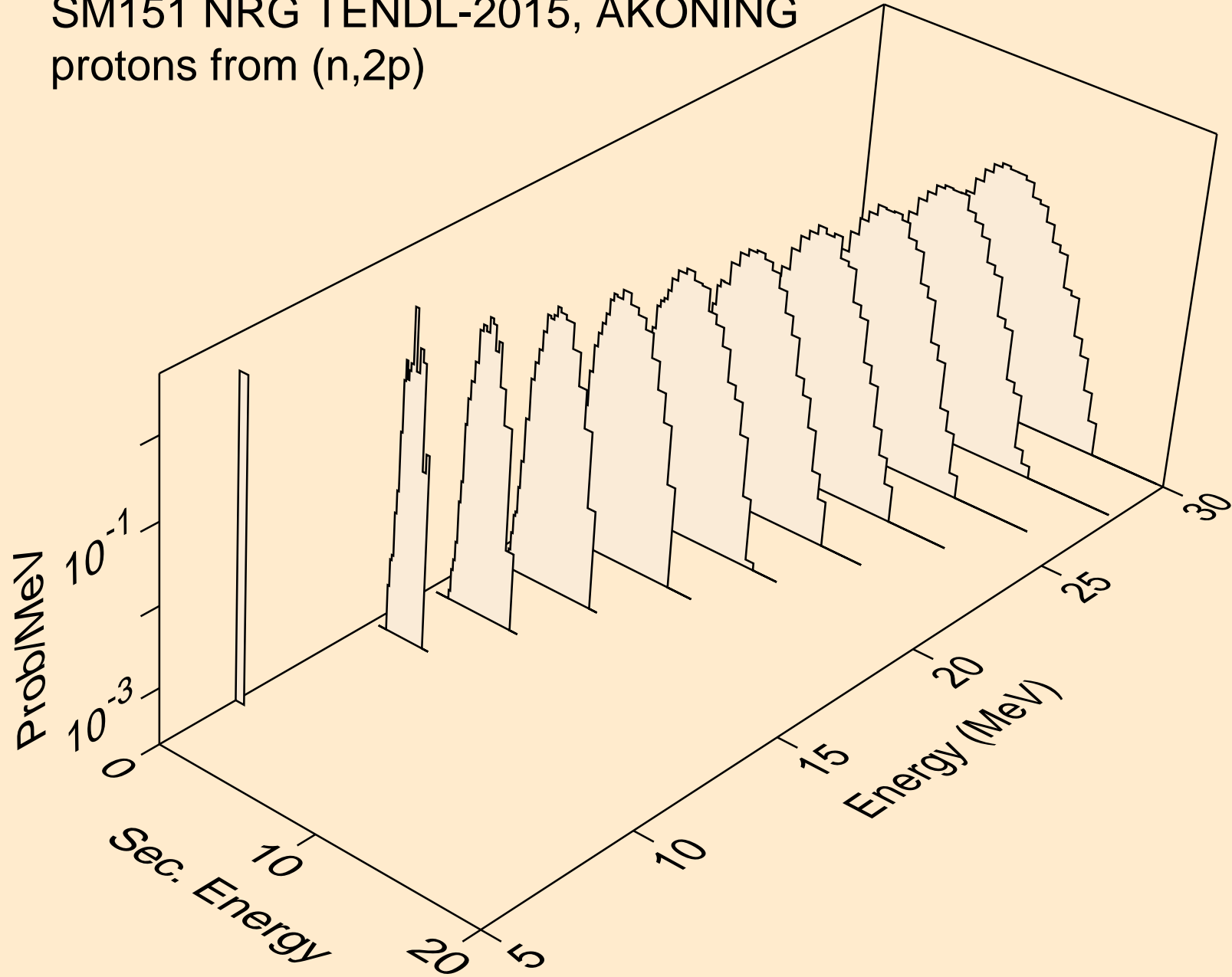
SM151 NRG TENDL-2015, AKONING  
protons from (n,npa)



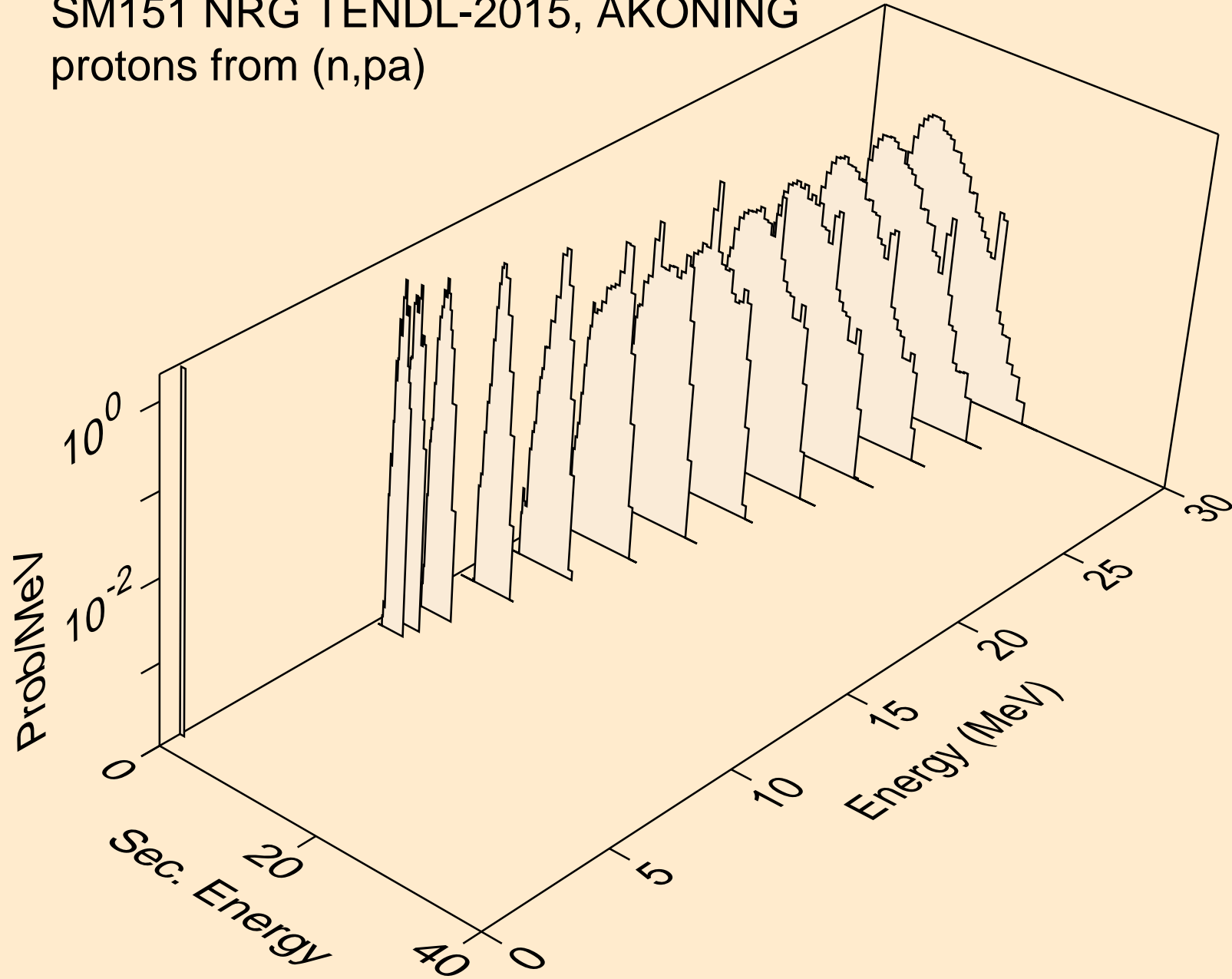
SM151 NRG TENDL-2015, AKONING  
protons from (n,p)



SM151 NRG TENDL-2015, AKONING  
protons from (n,2p)

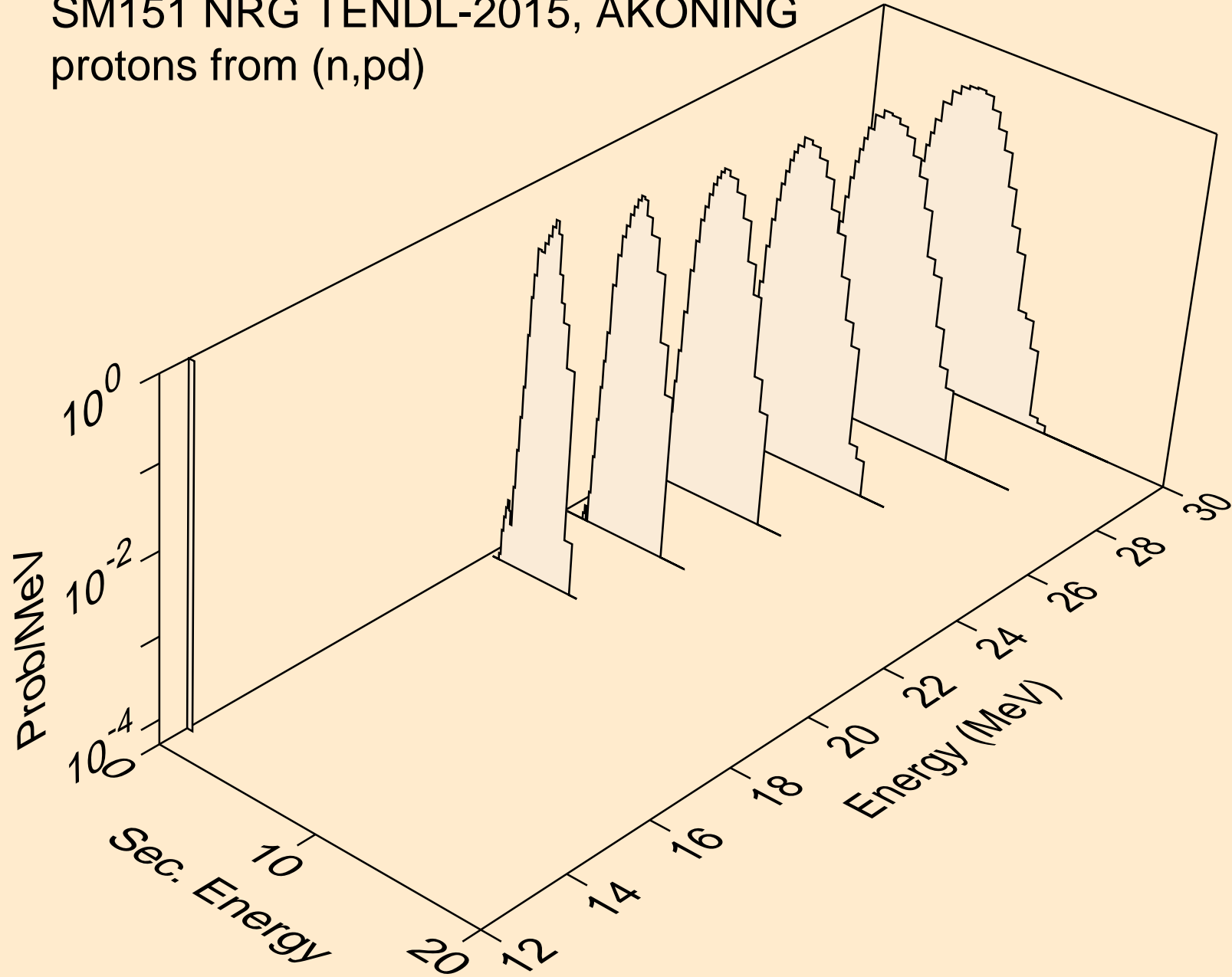


SM151 NRG TENDL-2015, AKONING  
protons from (n,pa)

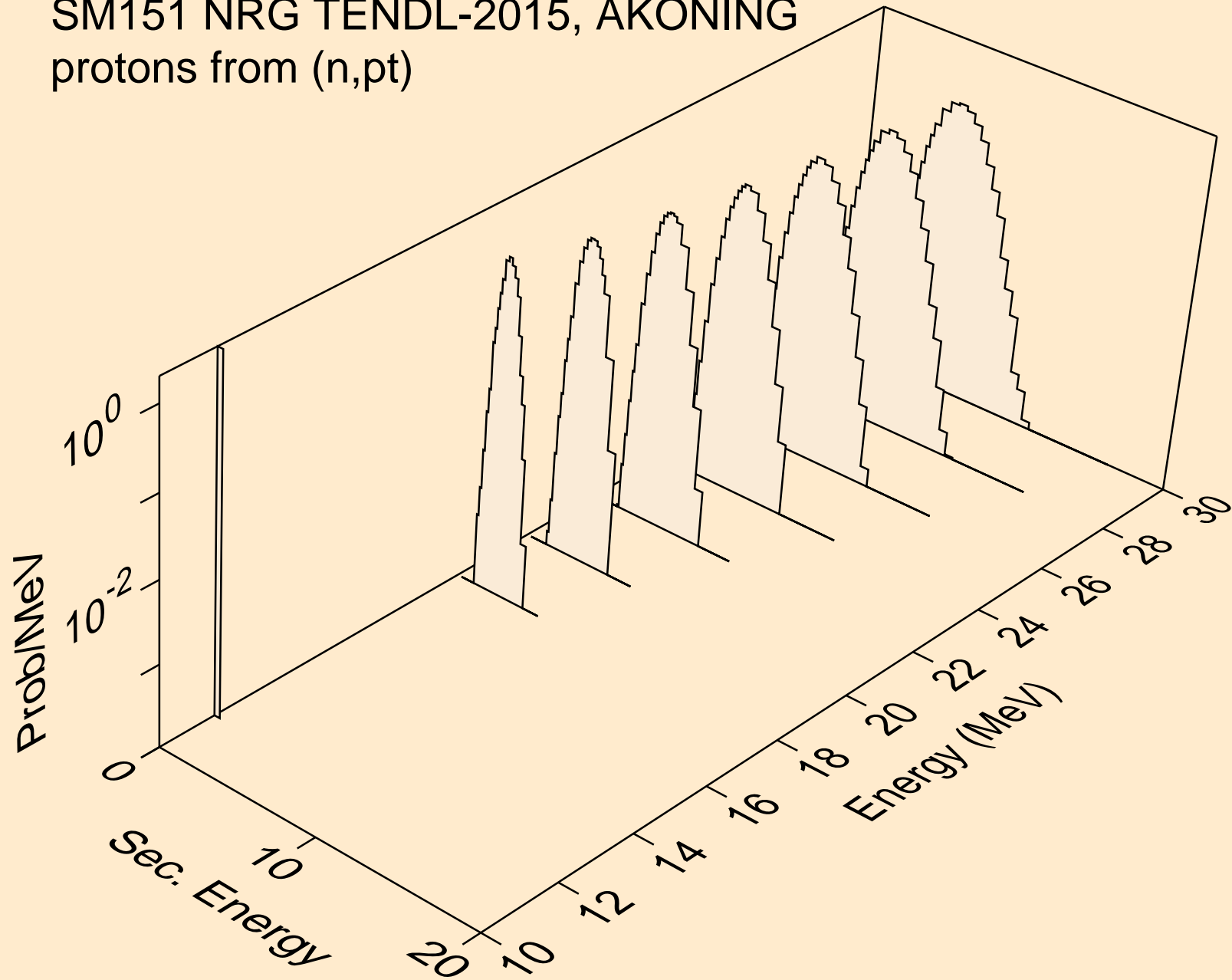




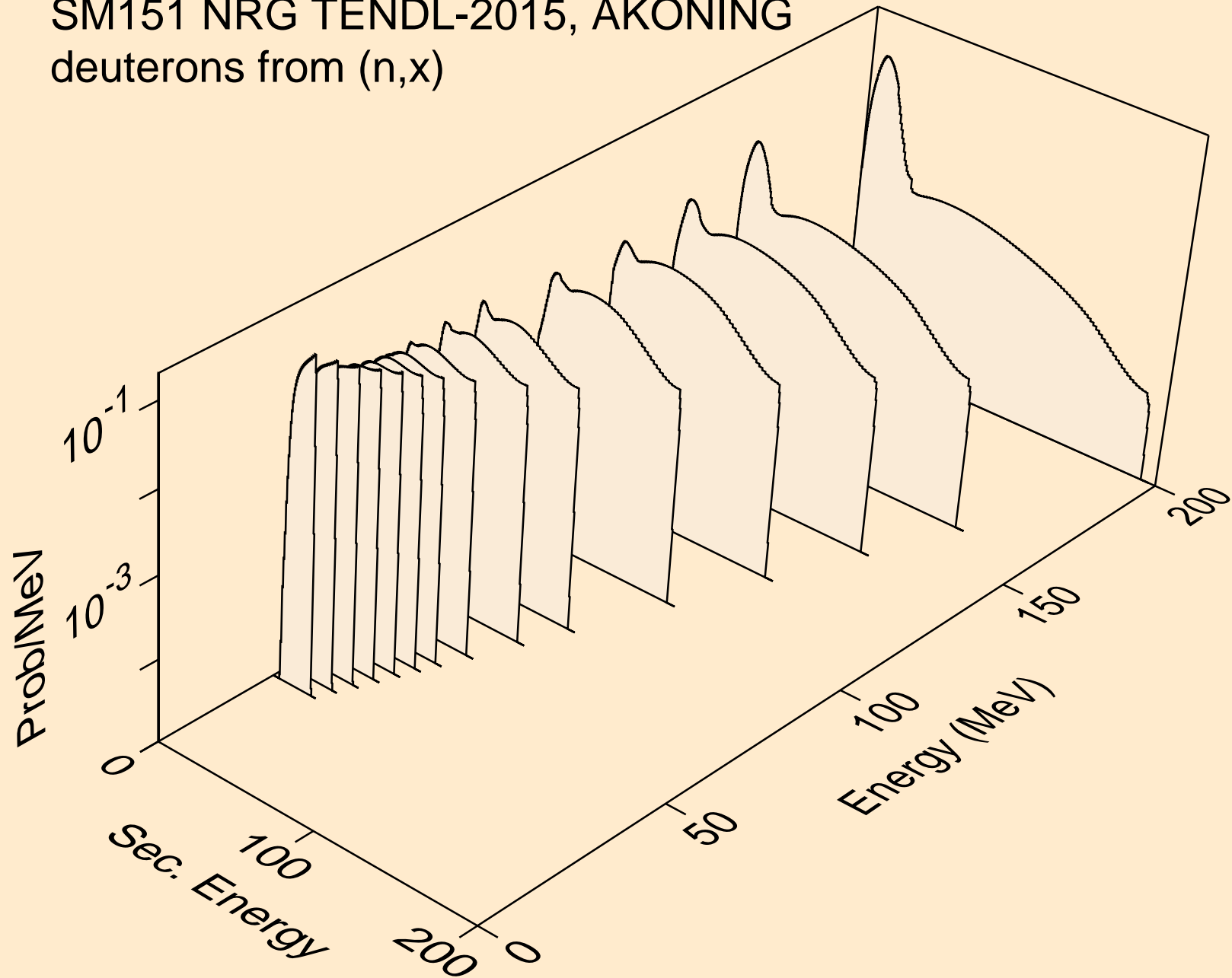
SM151 NRG TENDL-2015, AKONING  
protons from (n,pd)



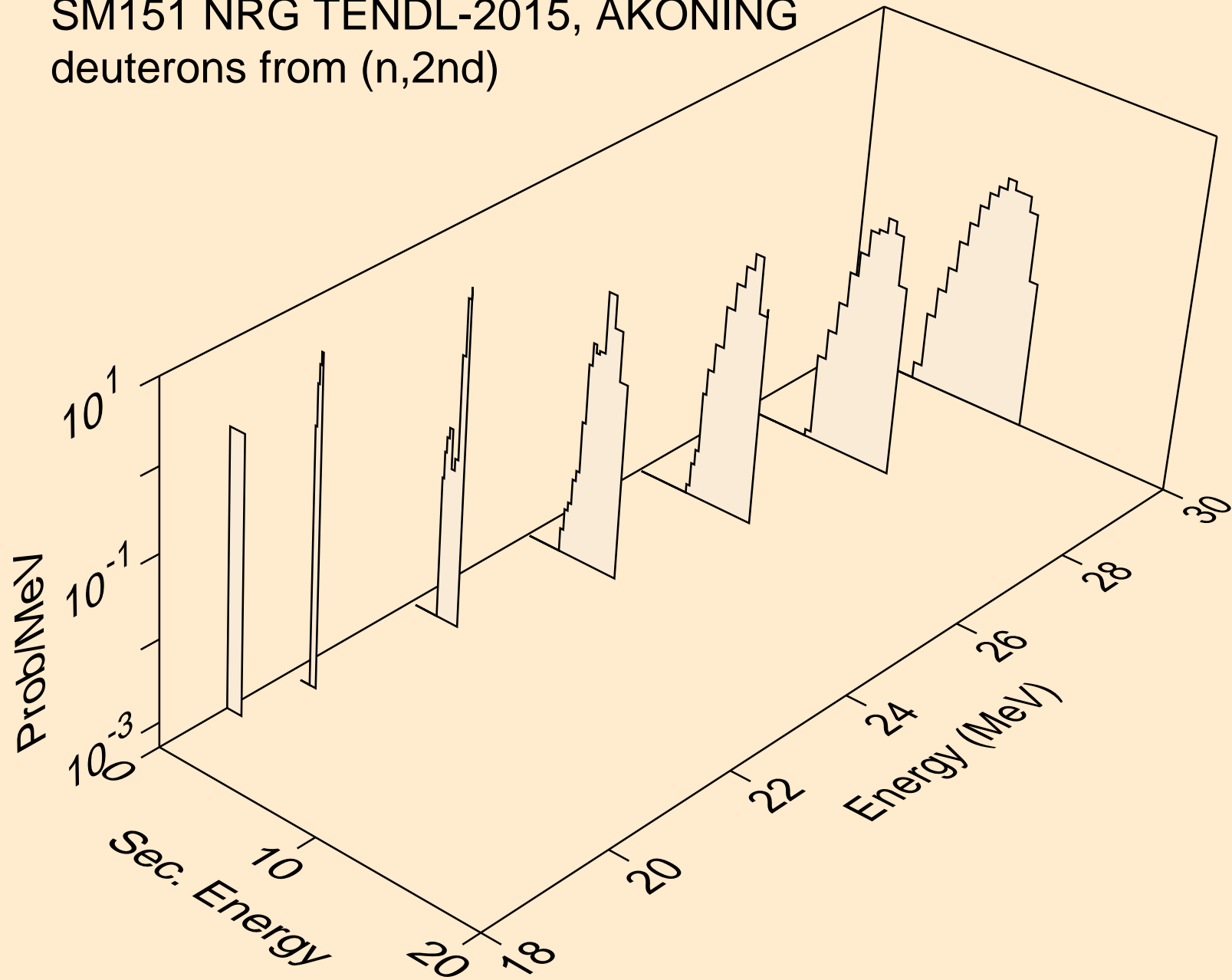
SM151 NRG TENDL-2015, AKONING  
protons from (n,pt)



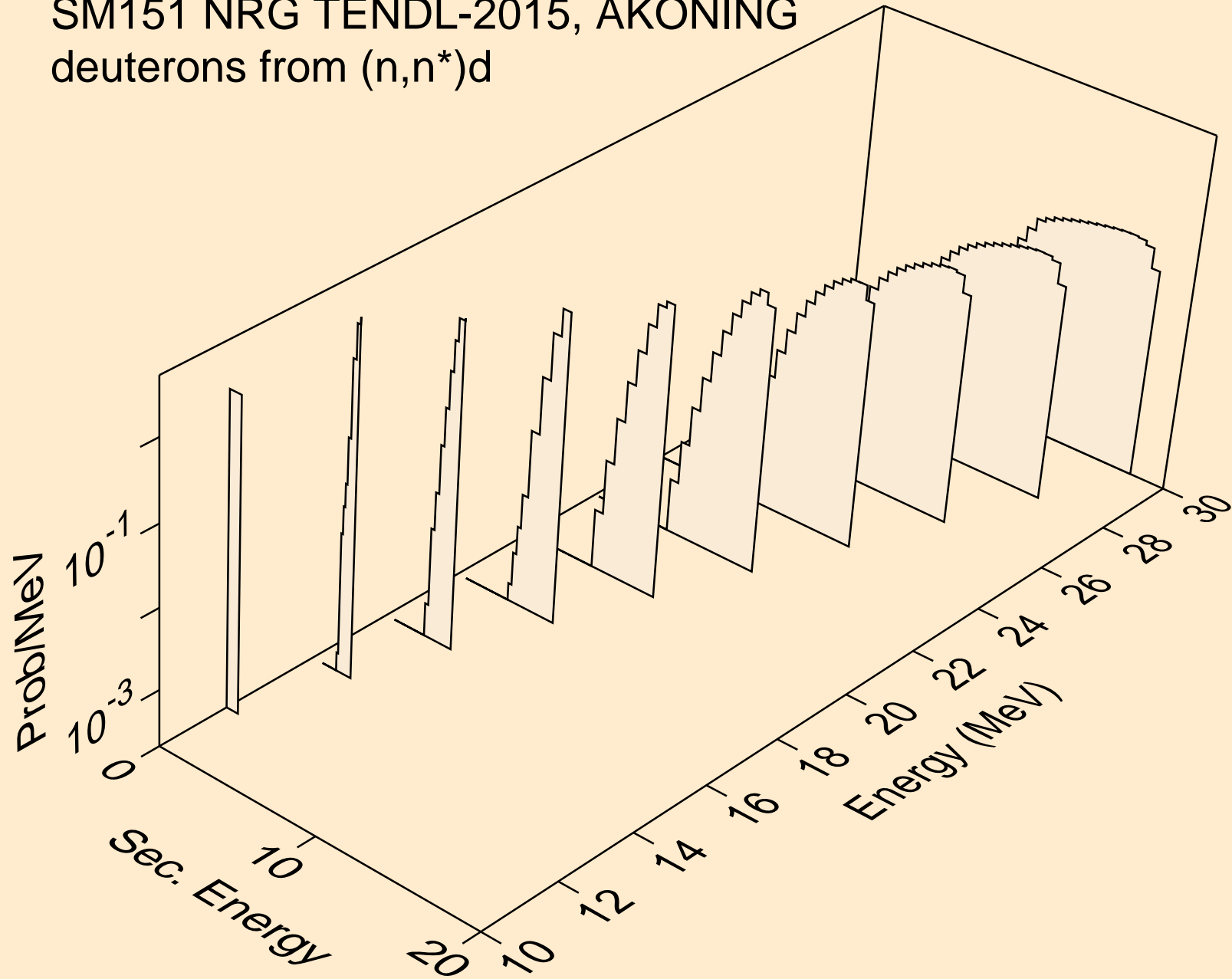
SM151 NRG TENDL-2015, AKONING  
deuterons from (n,x)



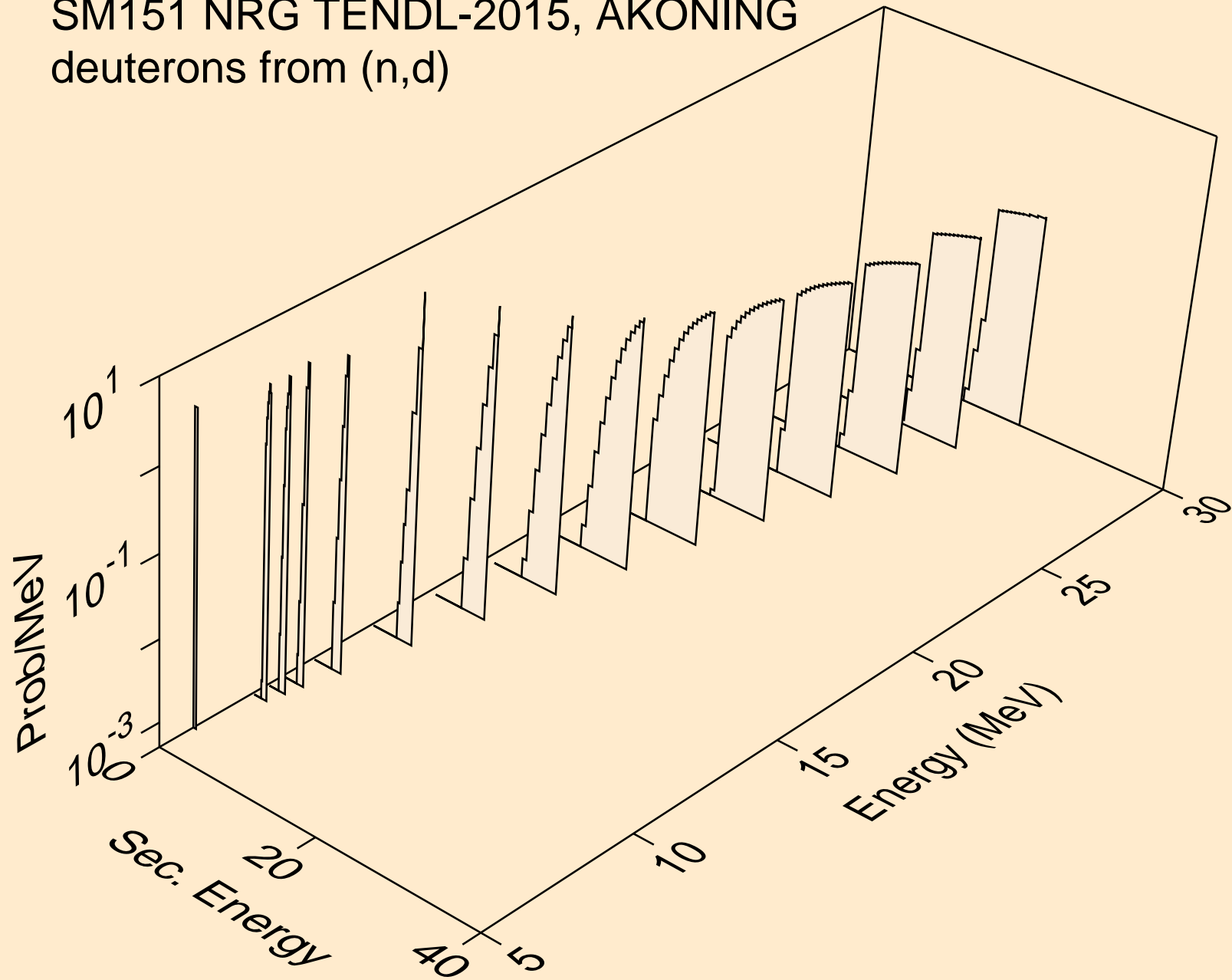
SM151 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



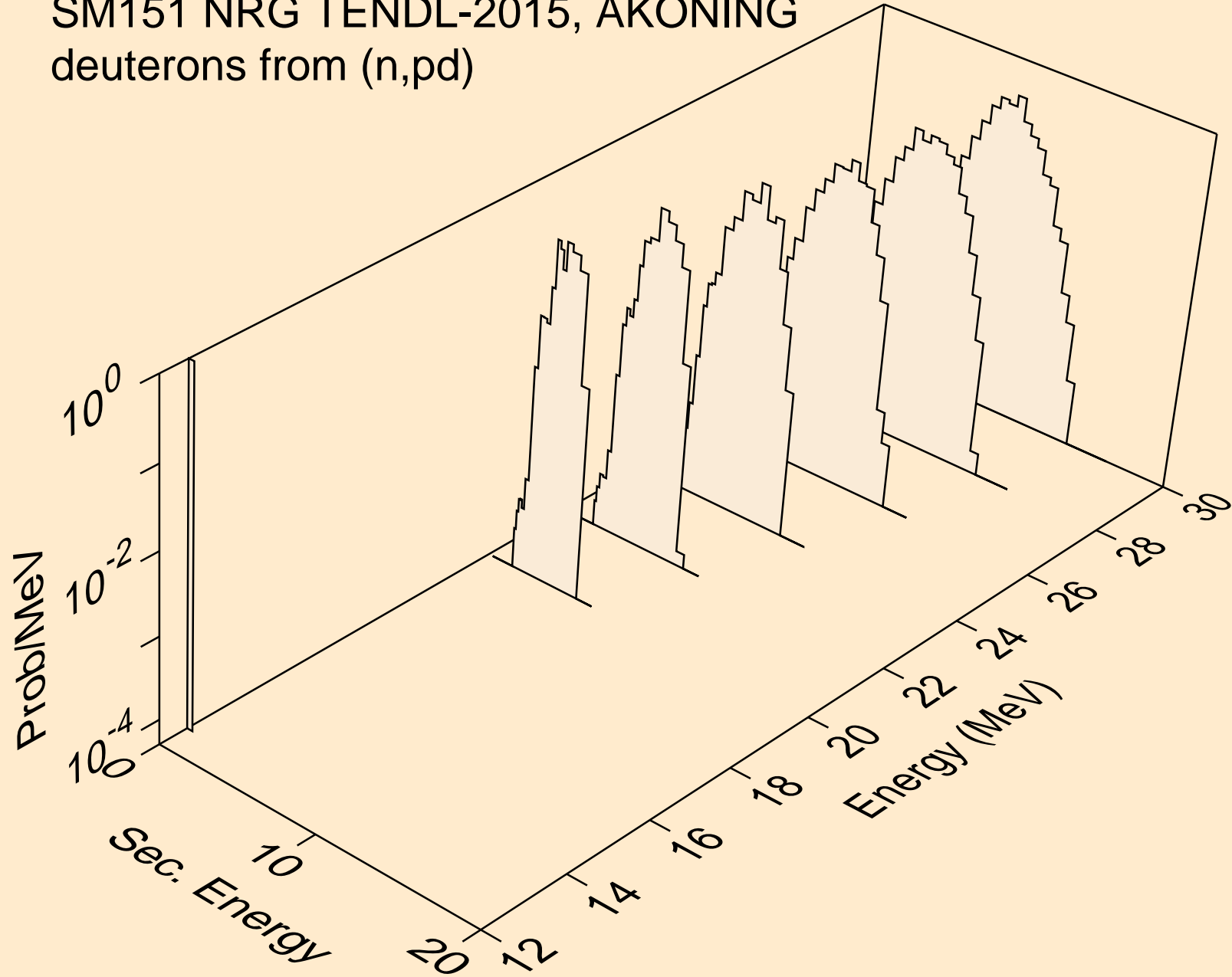
SM151 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



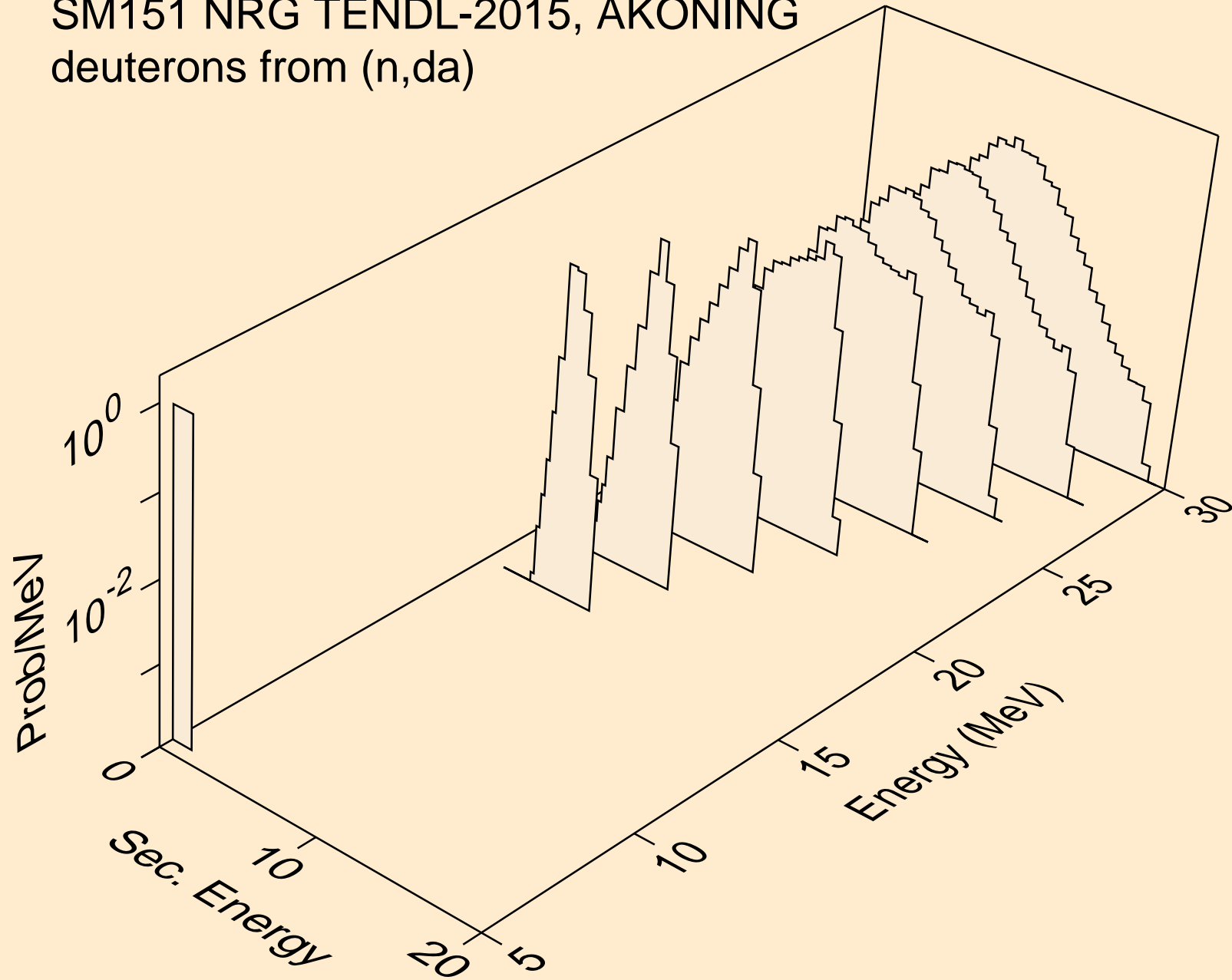
SM151 NRG TENDL-2015, AKONING  
deuterons from (n,d)



SM151 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

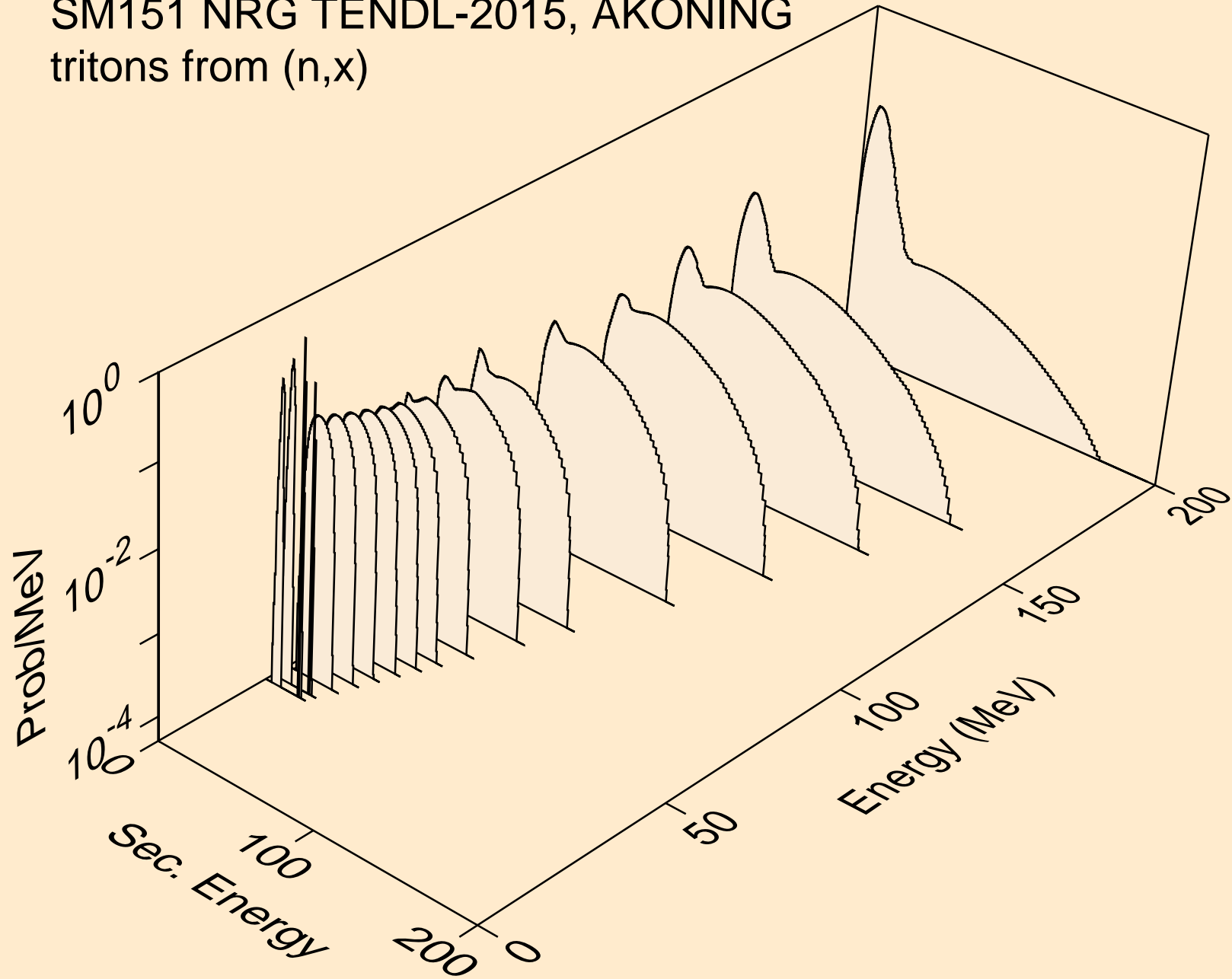


SM151 NRG TENDL-2015, AKONING  
deuterons from (n,da)

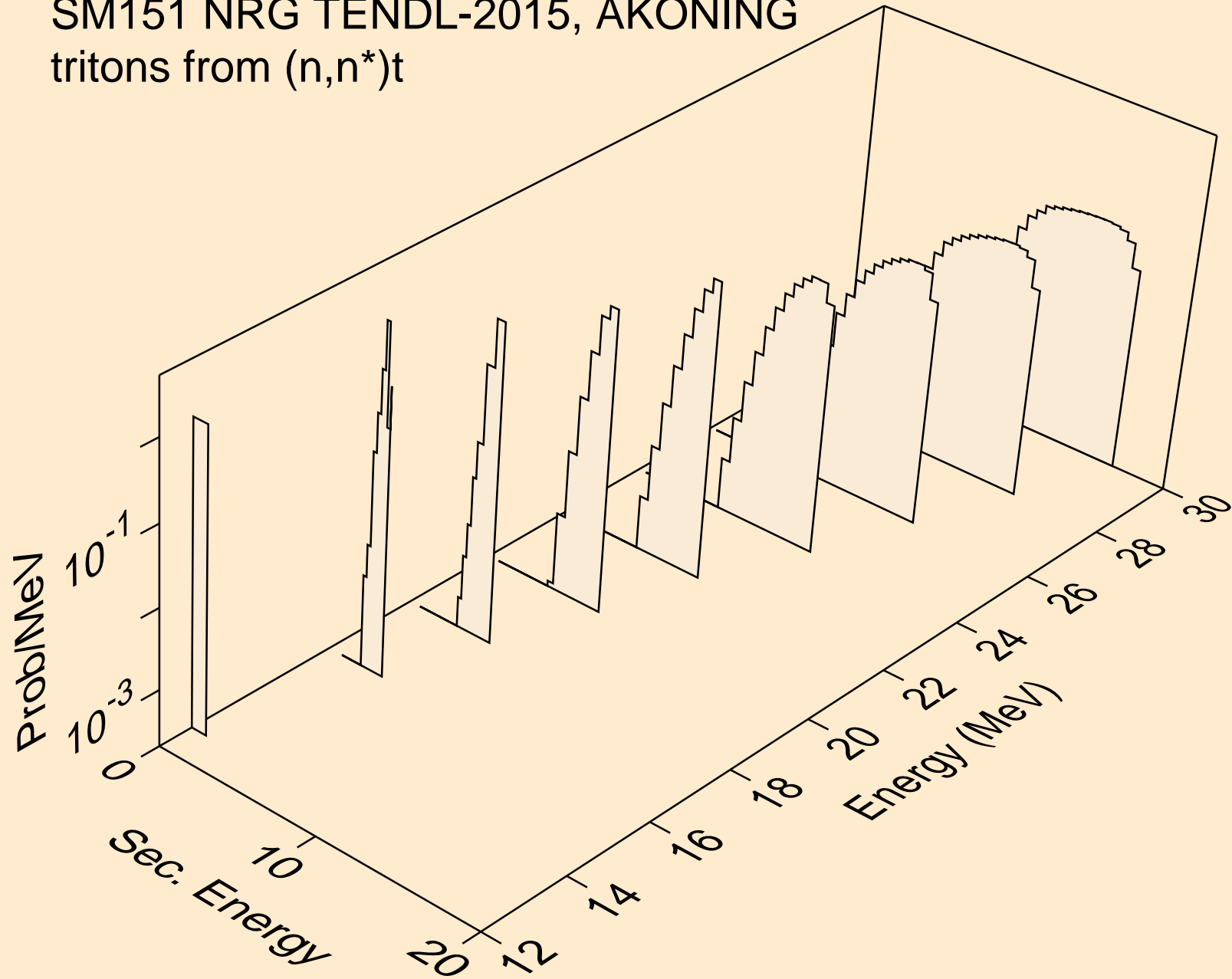




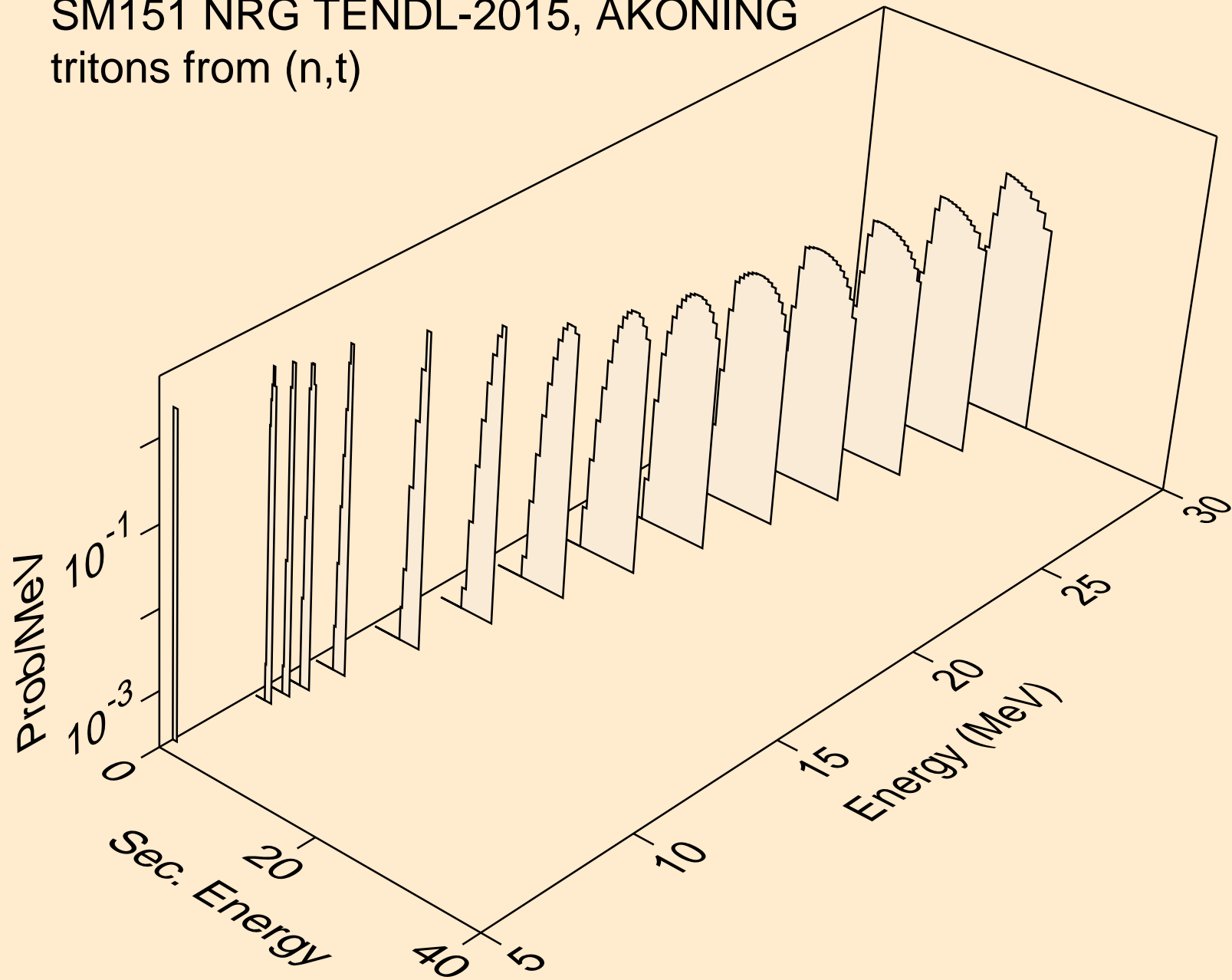
SM151 NRG TENDL-2015, AKONING  
tritons from (n,x)



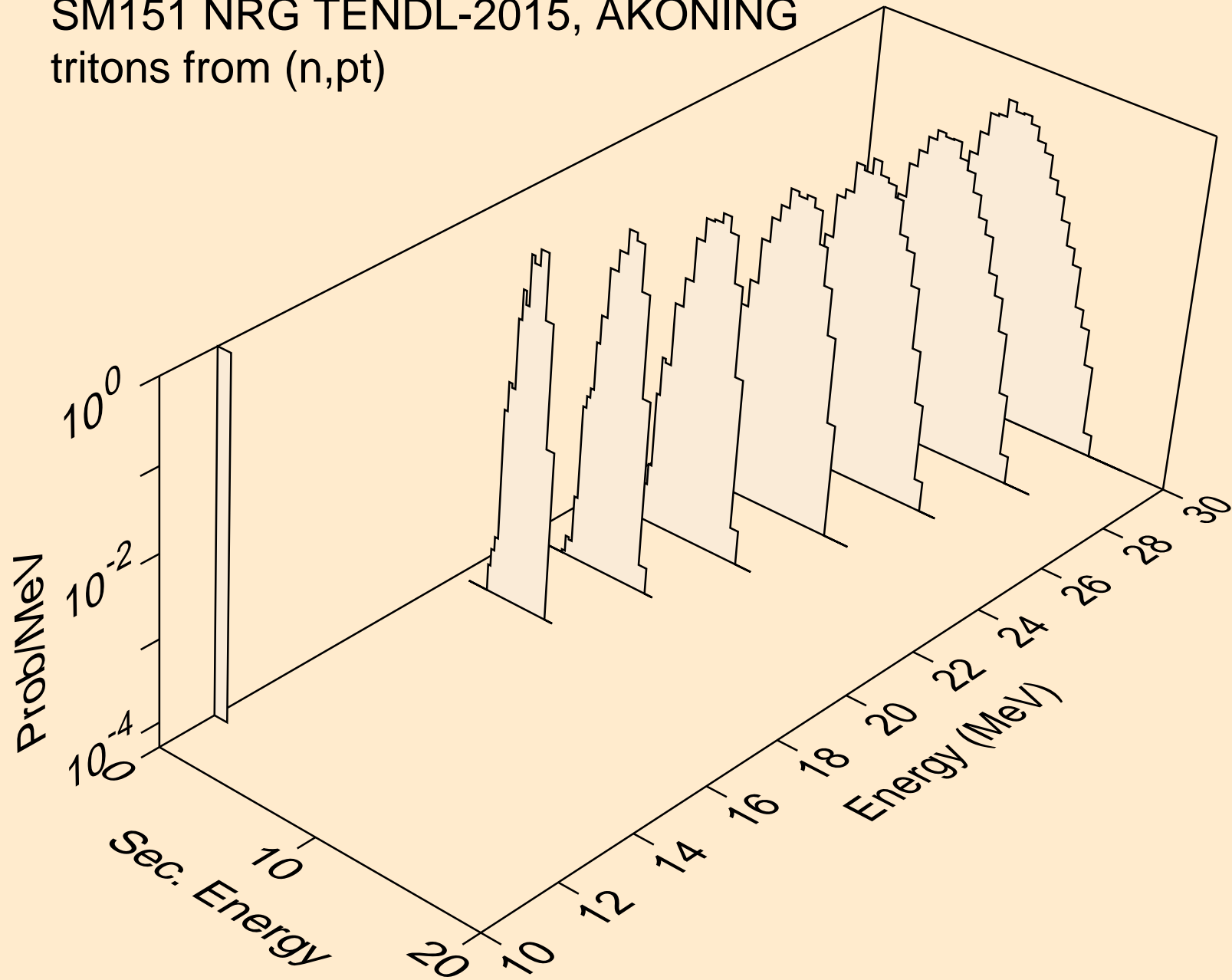
SM151 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



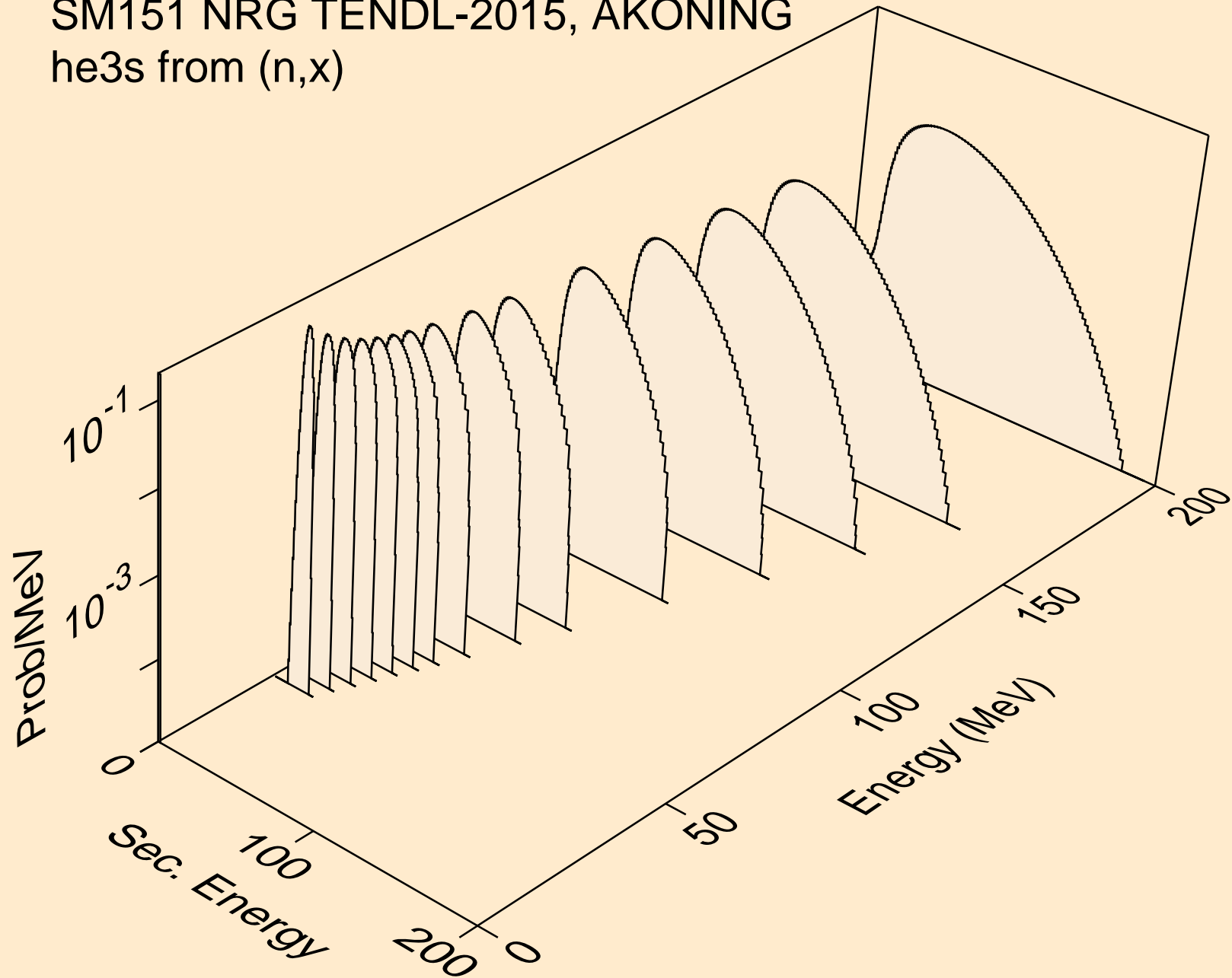
SM151 NRG TENDL-2015, AKONING  
tritons from (n,t)



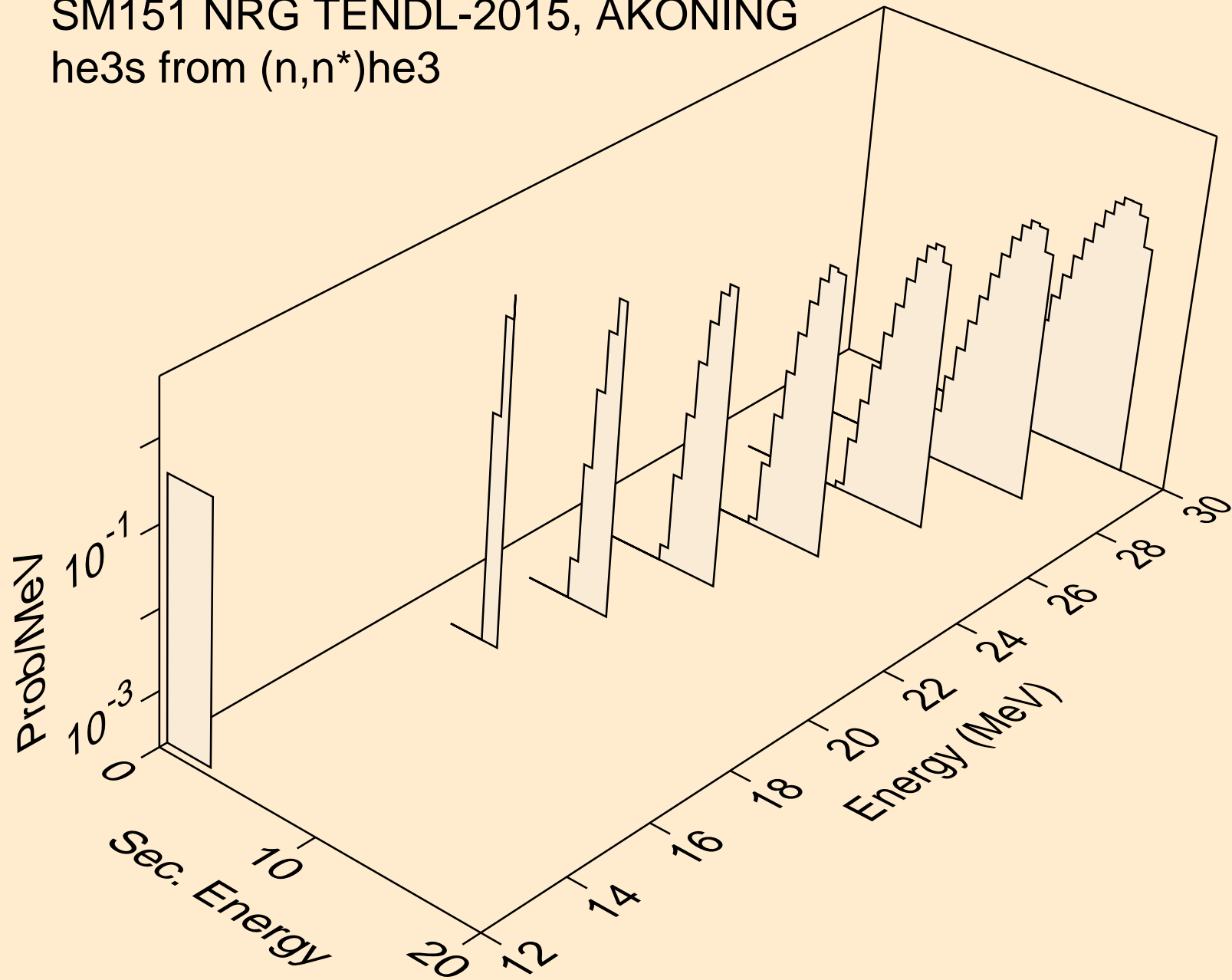
SM151 NRG TENDL-2015, AKONING  
tritons from (n,pt)



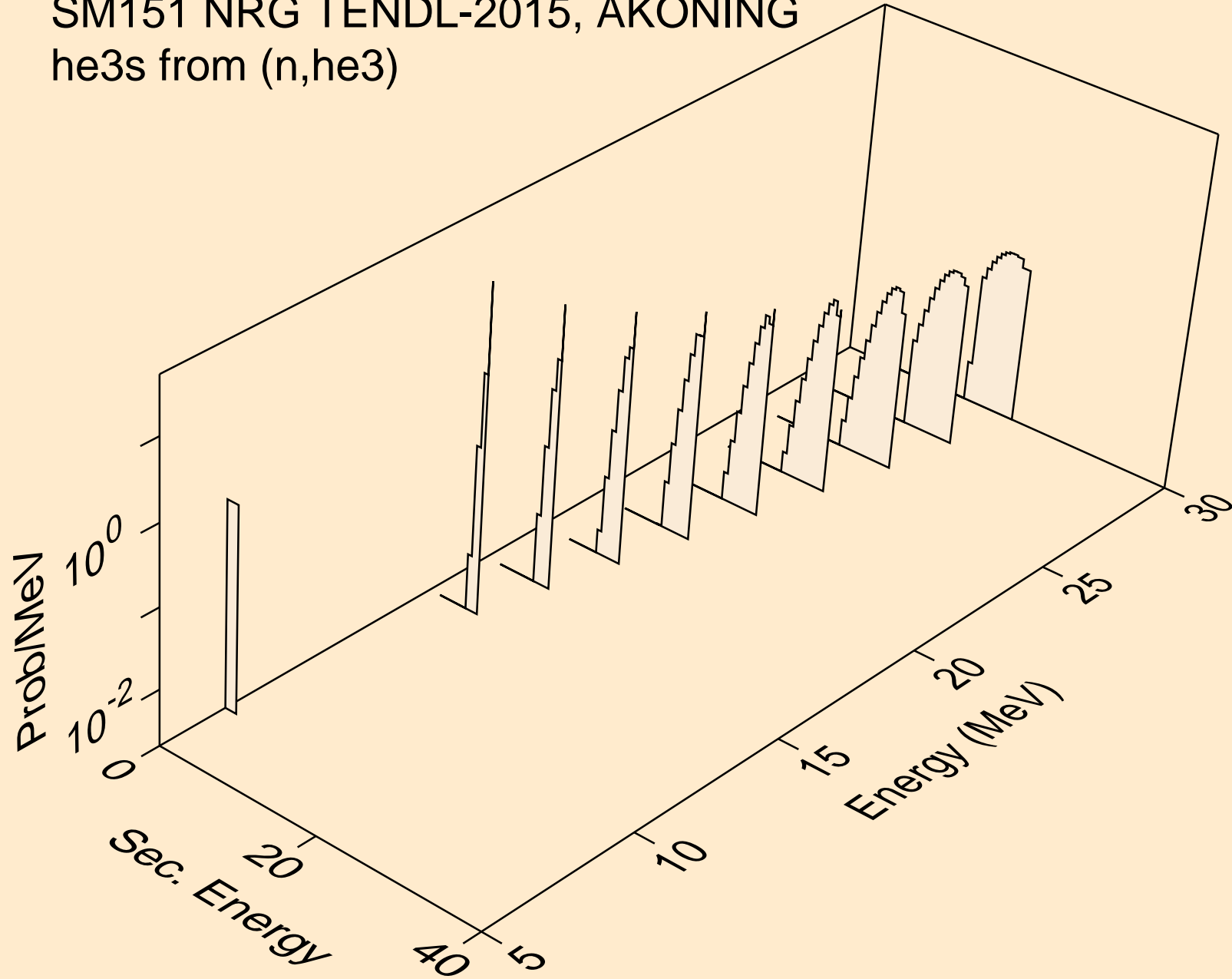
SM151 NRG TENDL-2015, AKONING  
he3s from (n,x)



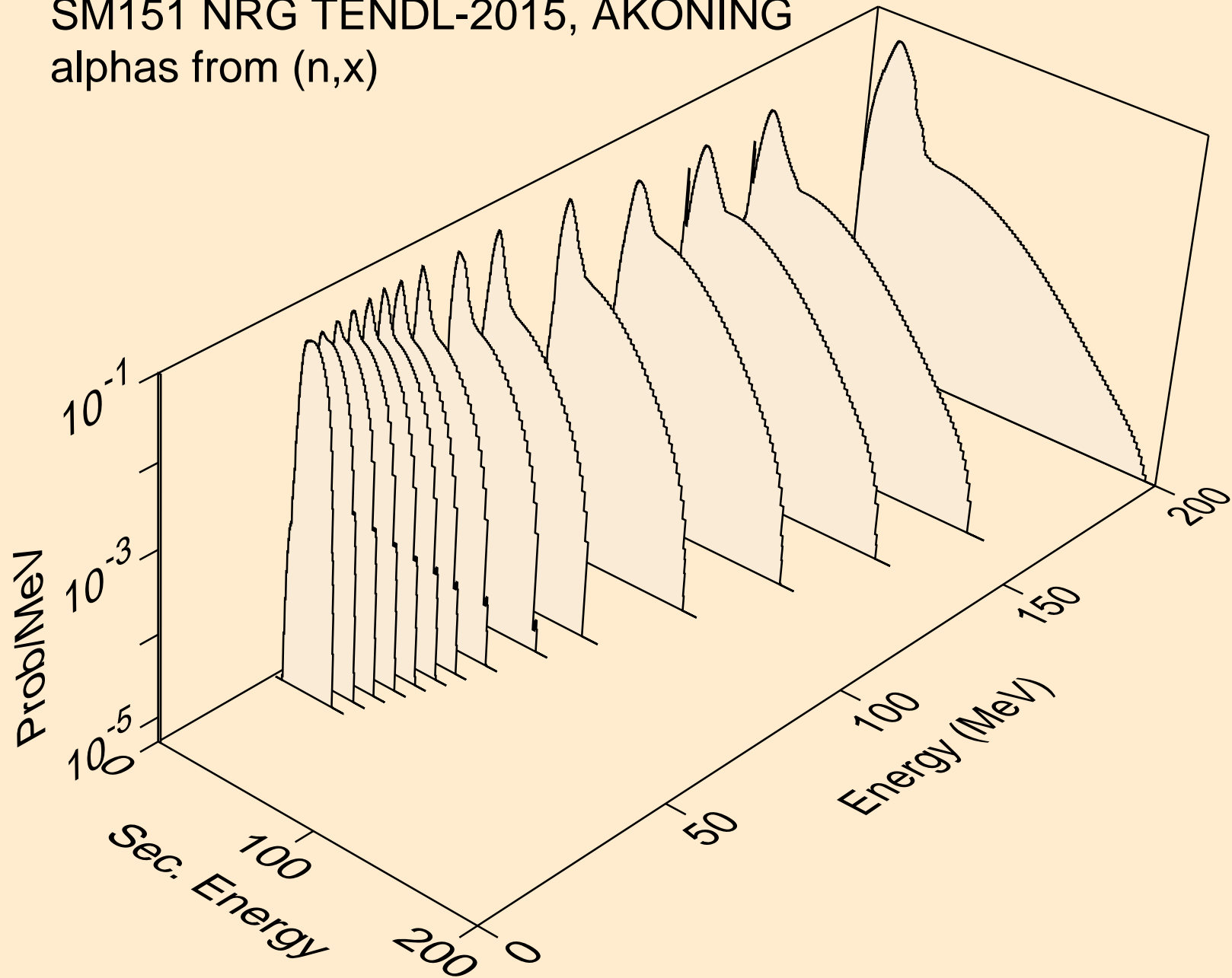
SM151 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



SM151 NRG TENDL-2015, AKONING  
he3s from (n,he3)

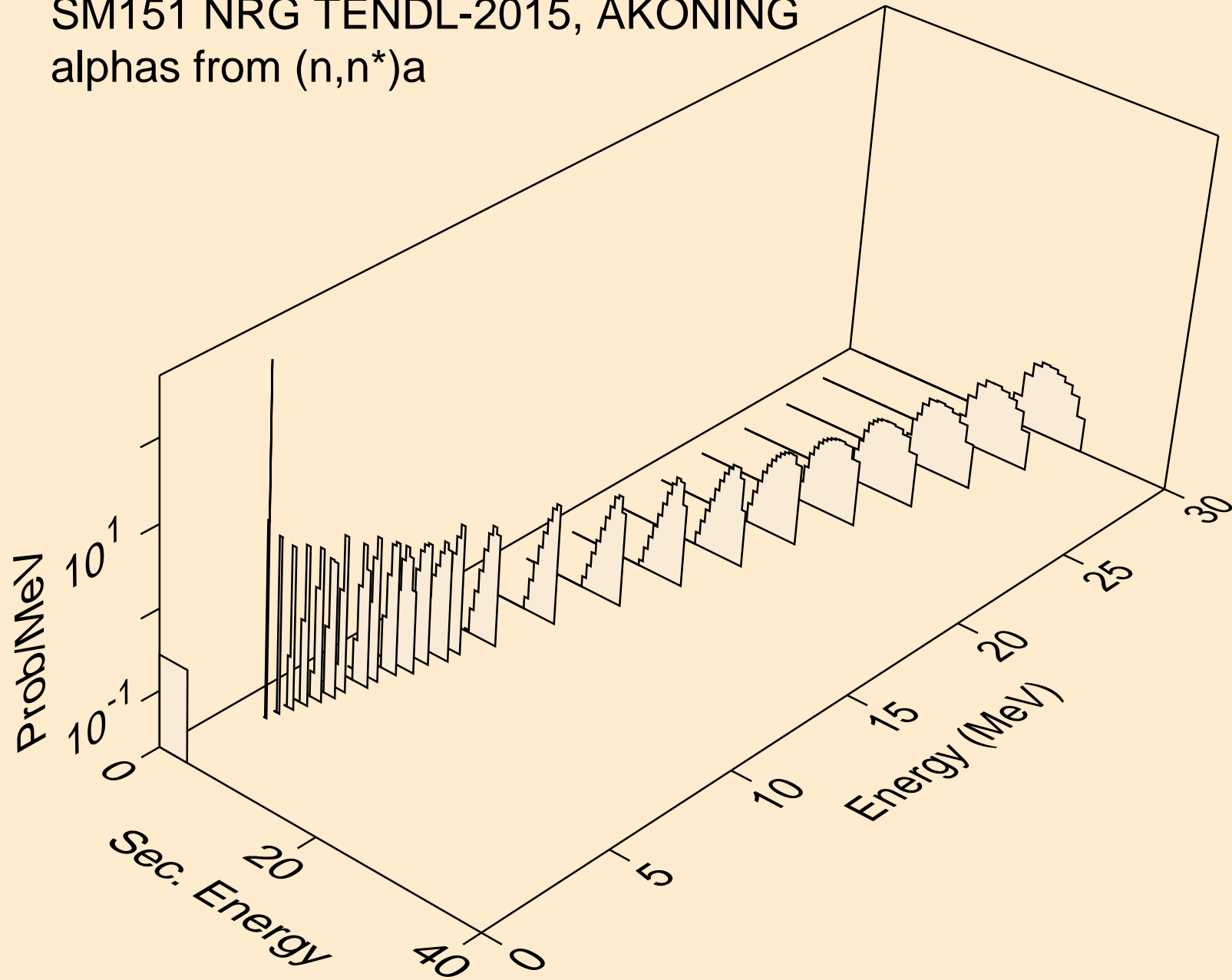


SM151 NRG TENDL-2015, AKONING  
alphas from (n,x)

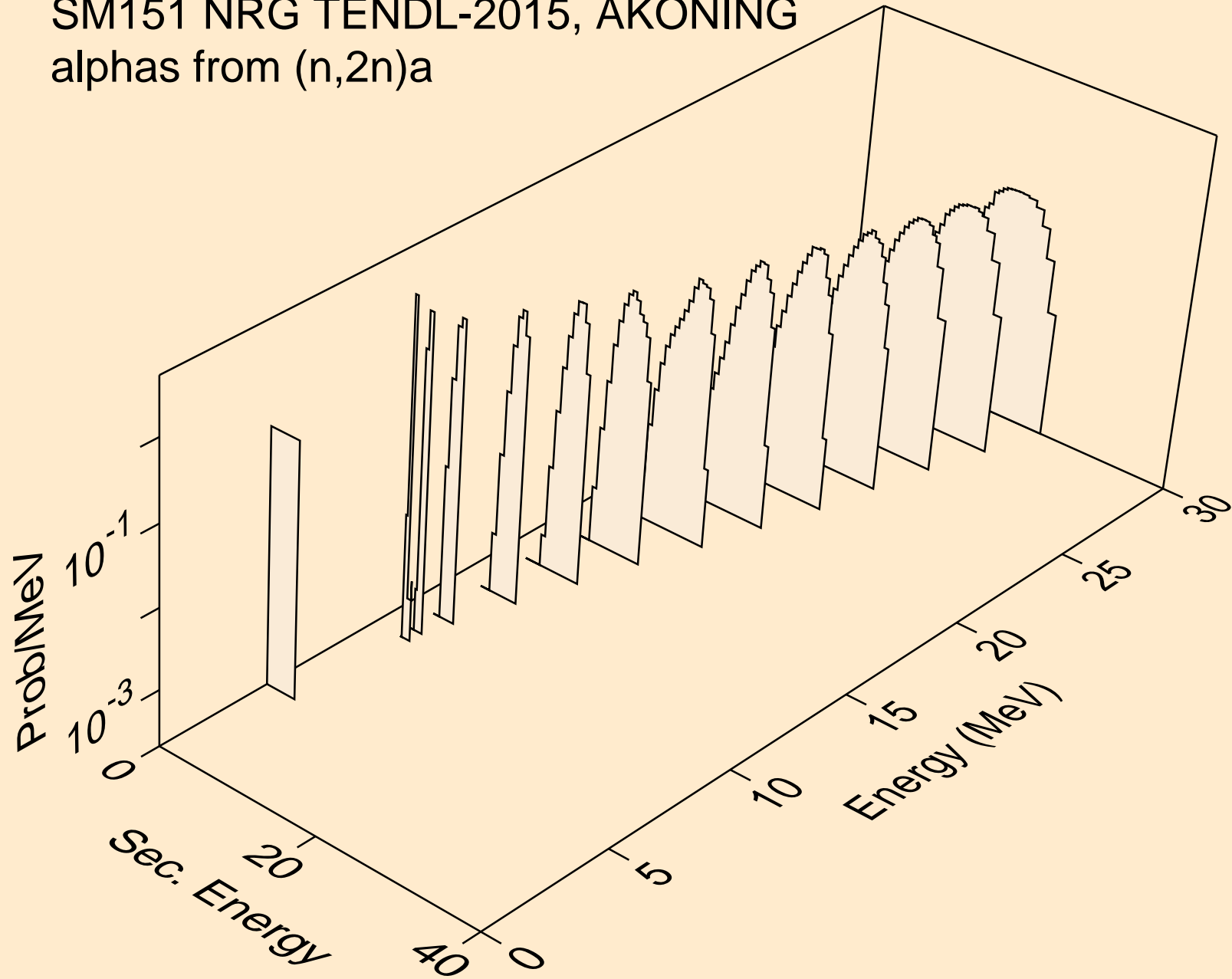




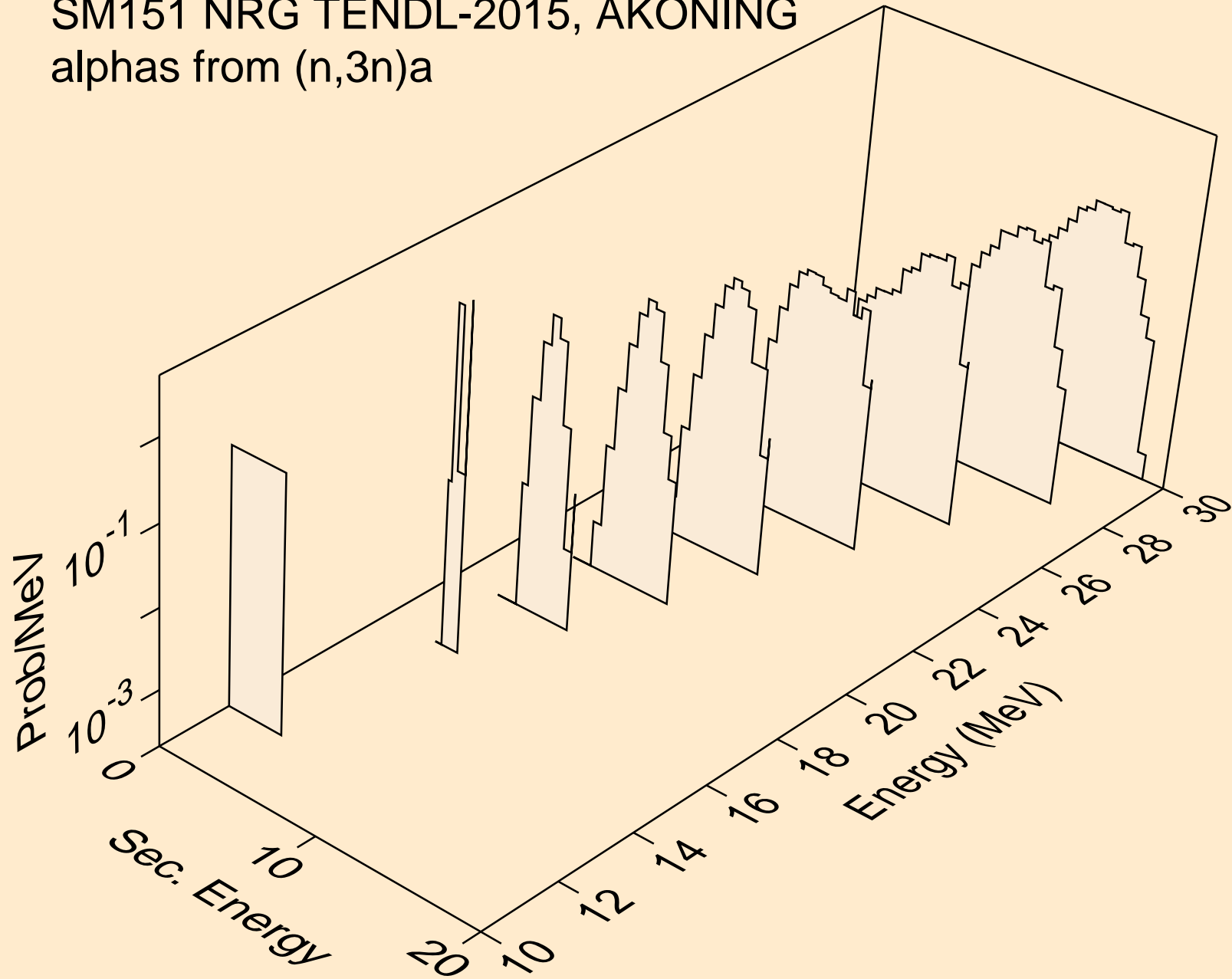
SM151 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



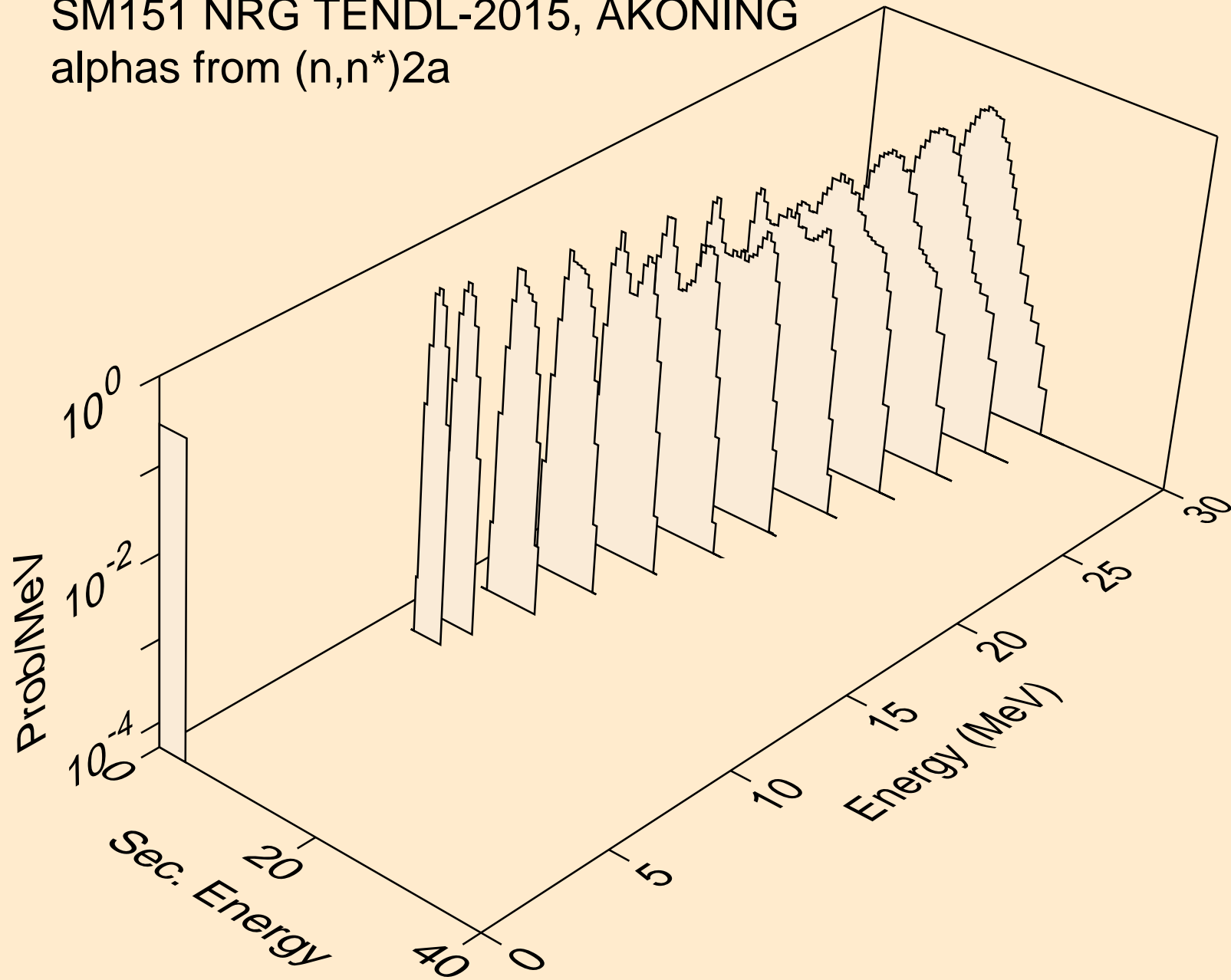
SM151 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



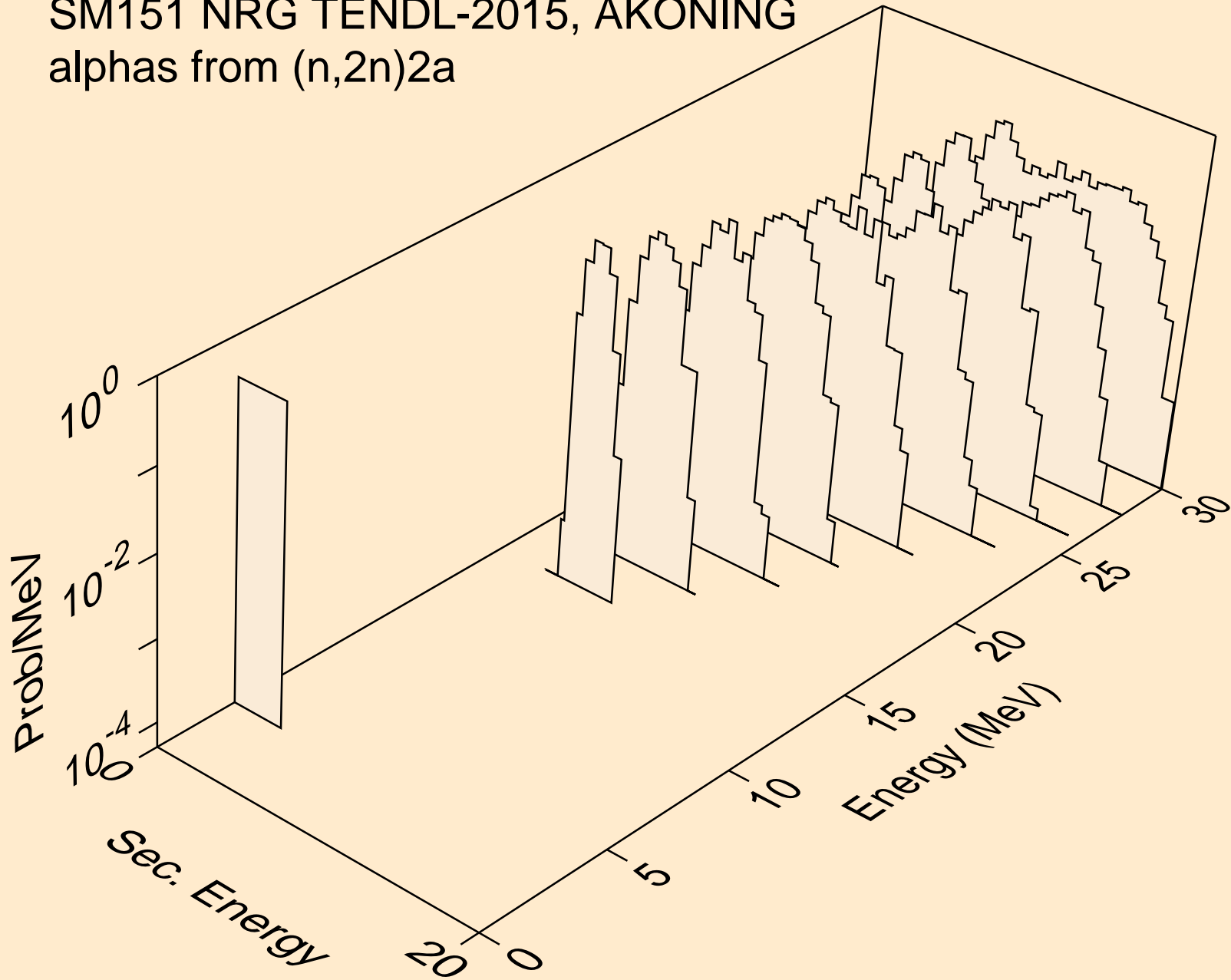
SM151 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



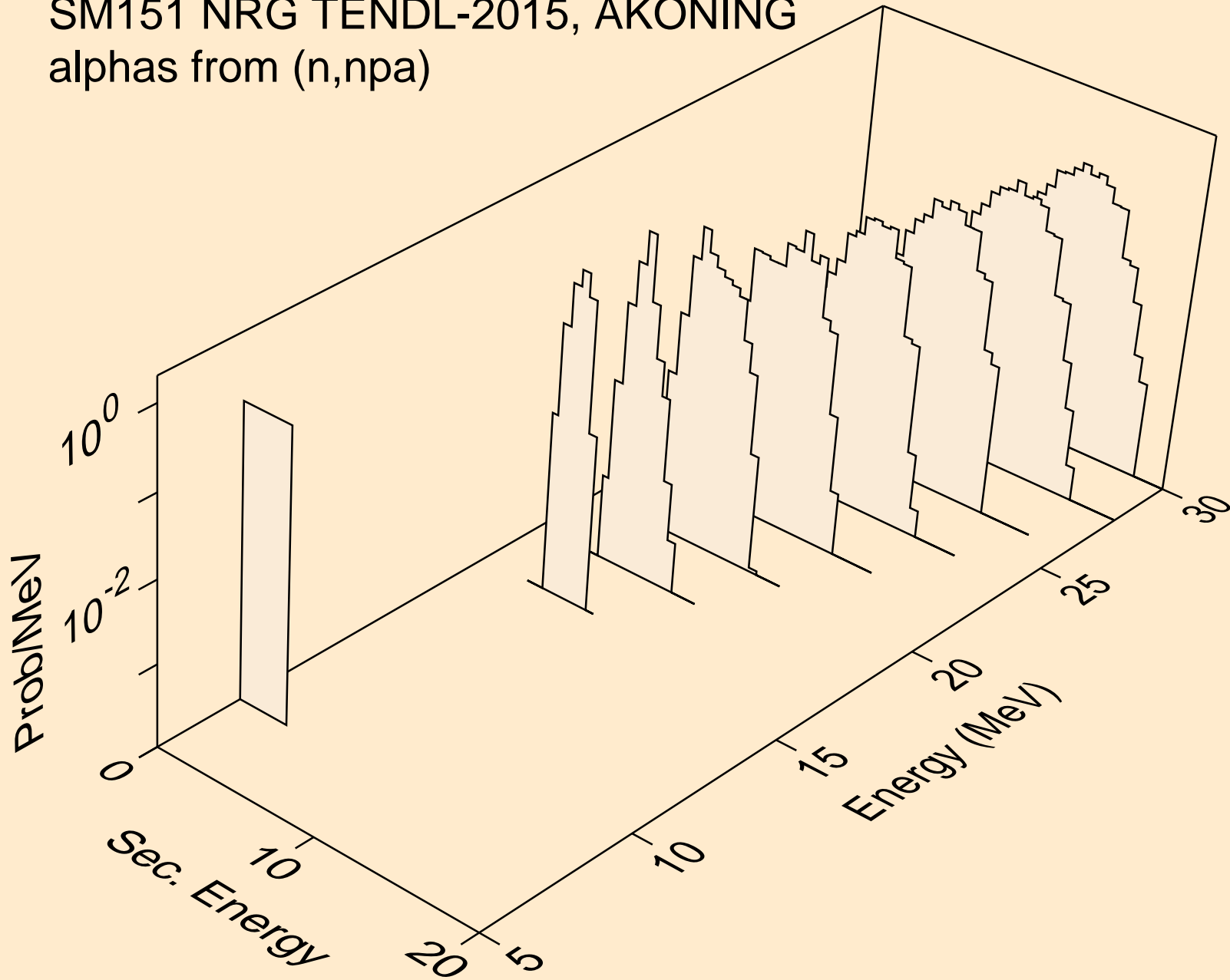
SM151 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



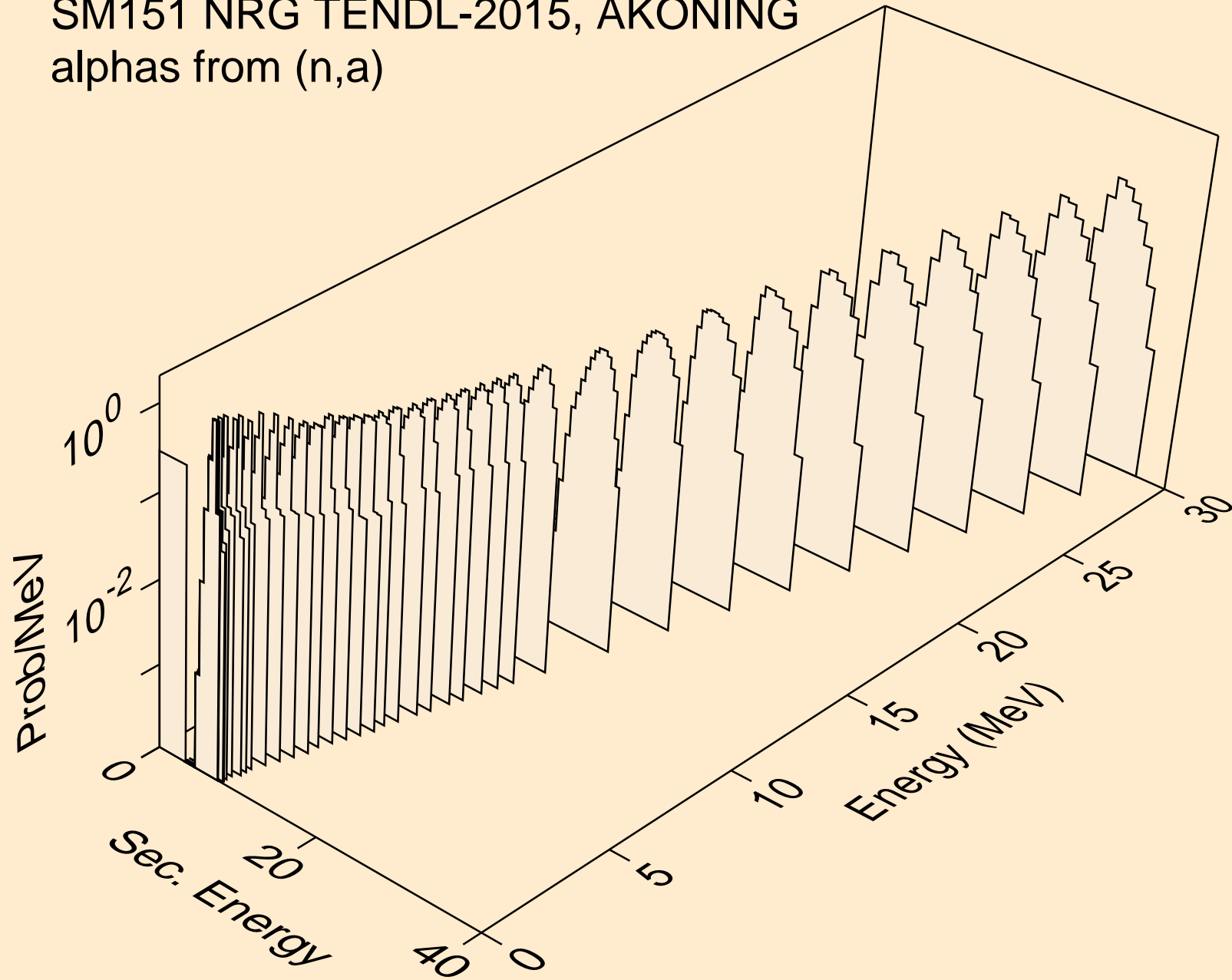
SM151 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



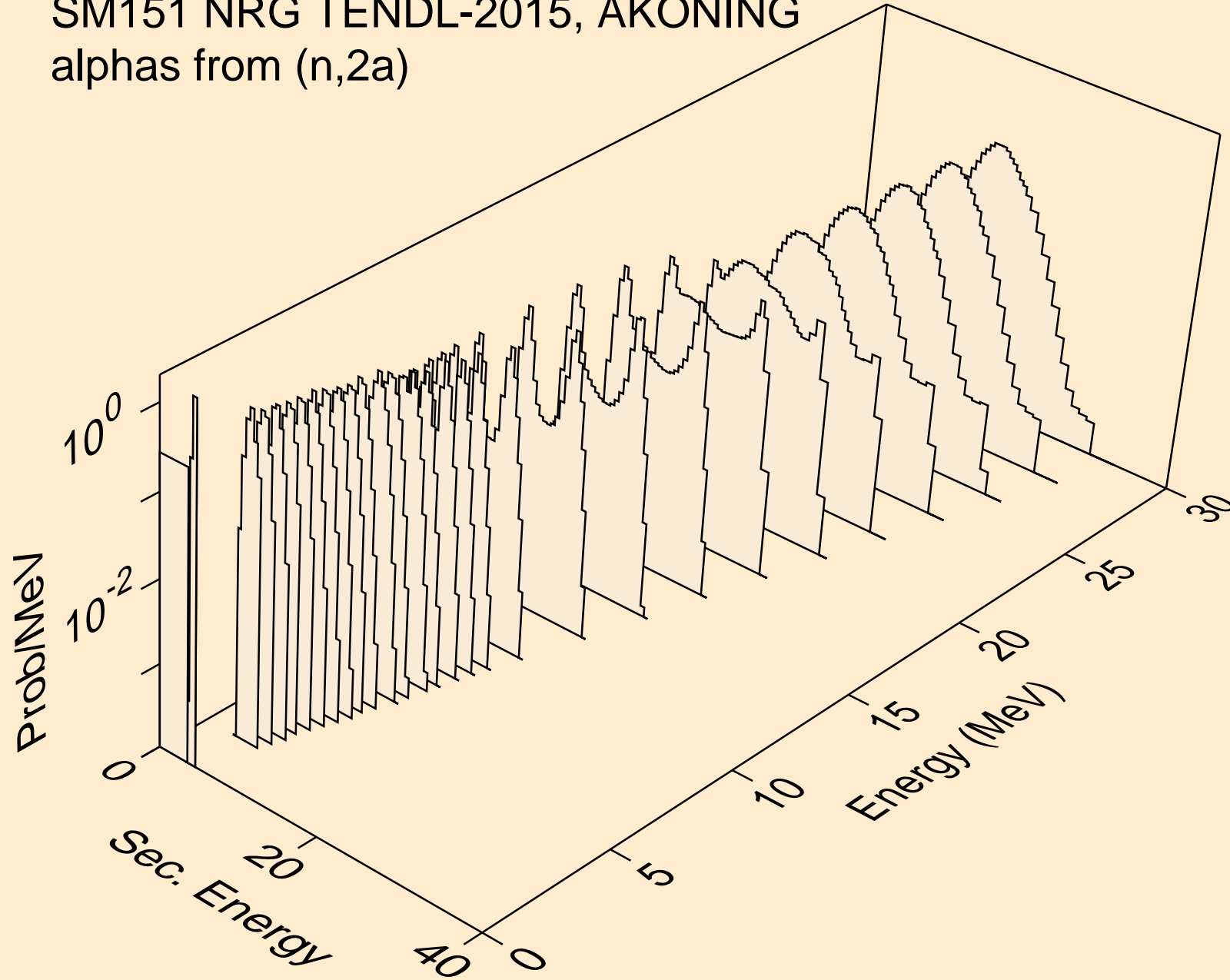
SM151 NRG TENDL-2015, AKONING  
alphas from (n,npa)



SM151 NRG TENDL-2015, AKONING  
alphas from (n,a)

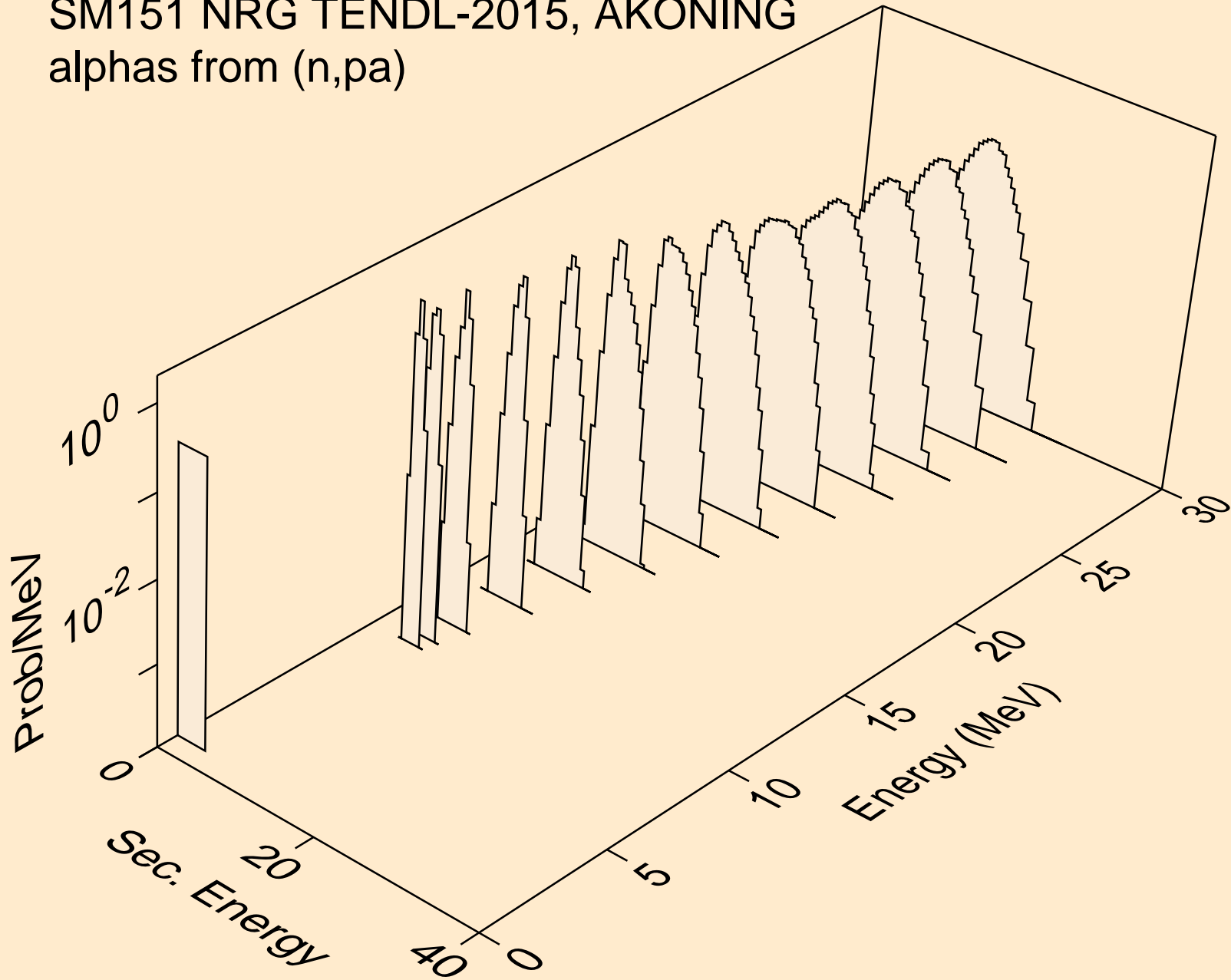


SM151 NRG TENDL-2015, AKONING  
alphas from (n,2a)





SM151 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SM151 NRG TENDL-2015, AKONING  
alphas from (n,da)

