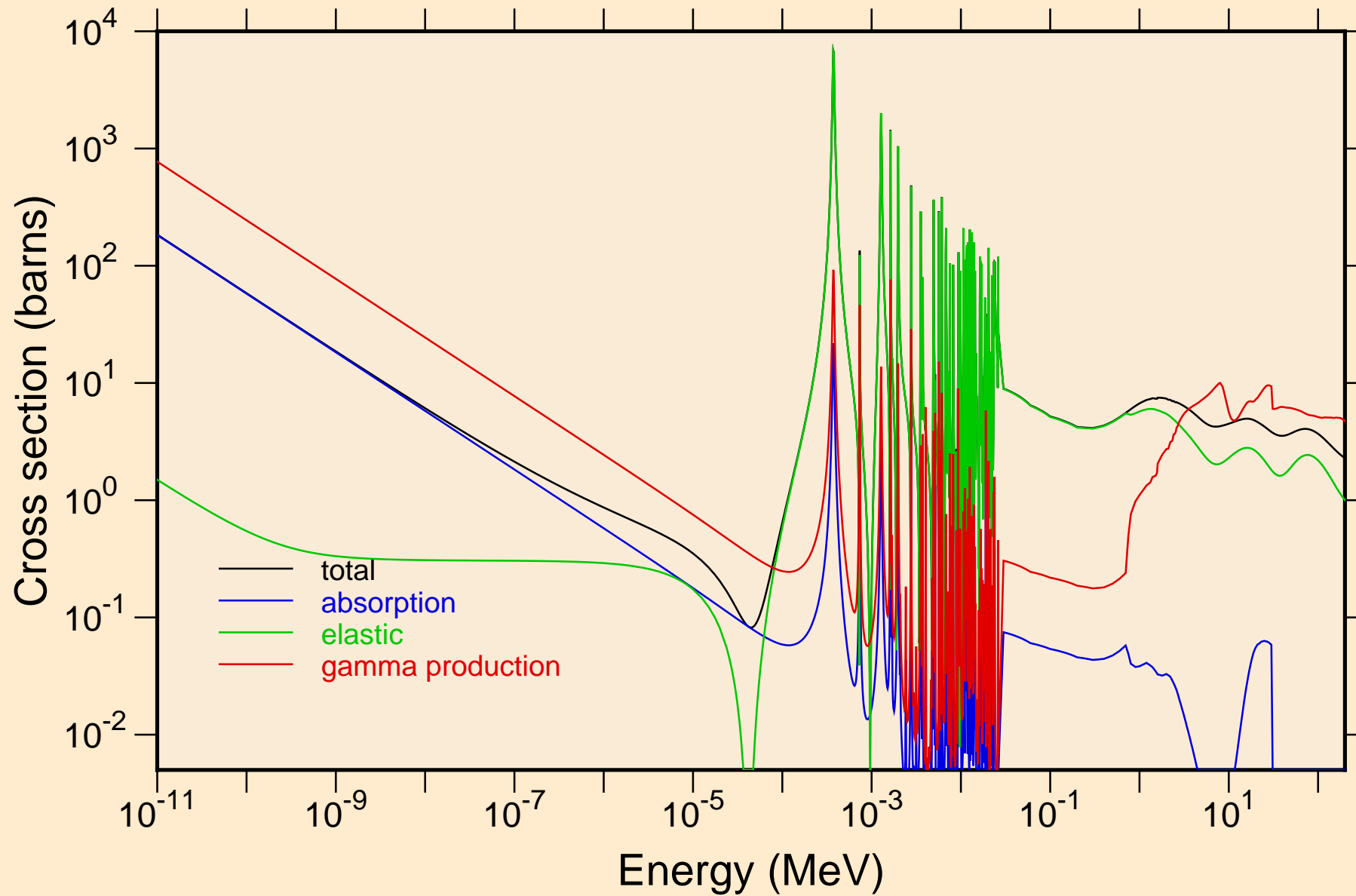
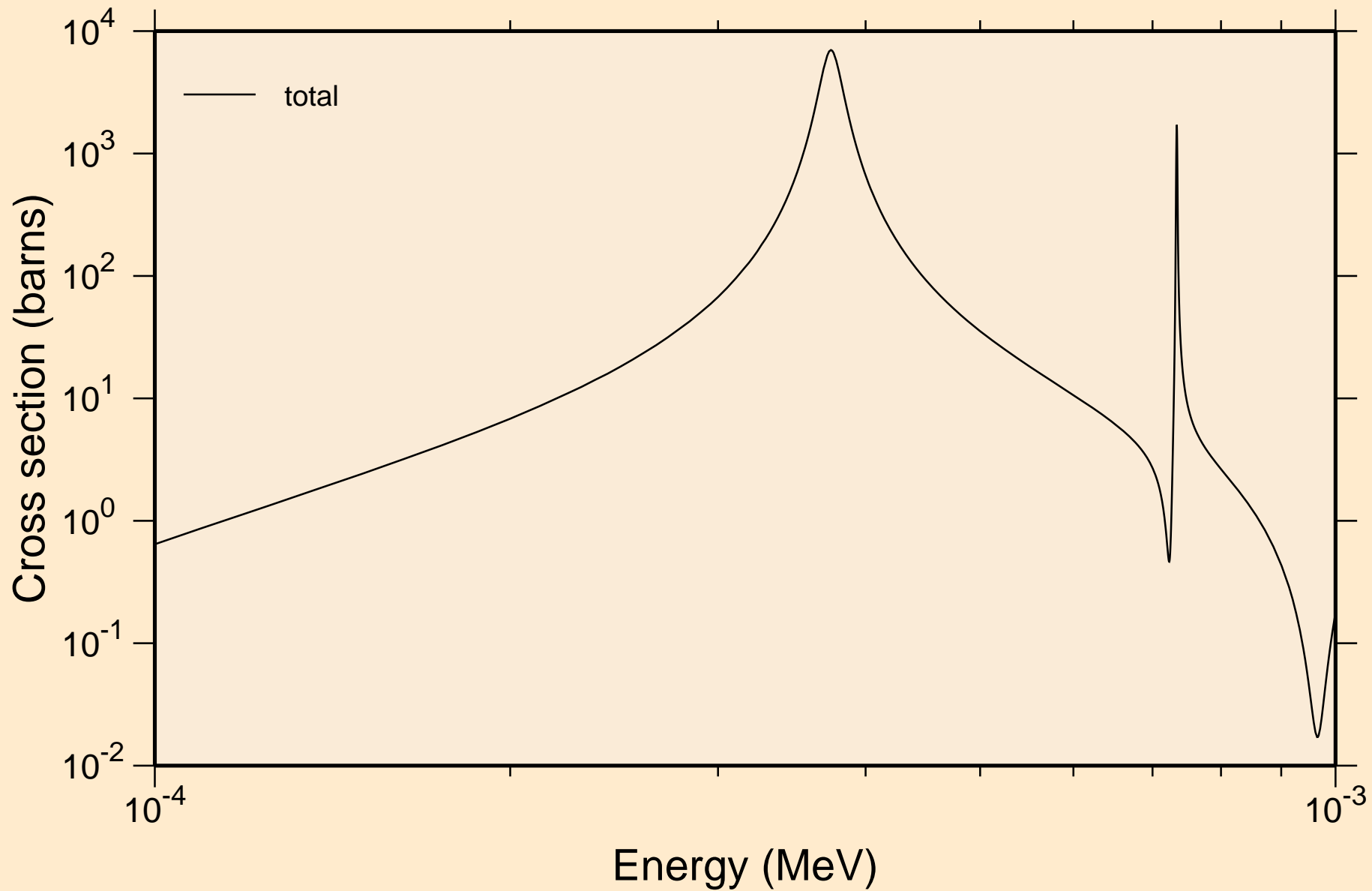


# ND144 NRG TENDL-2015, AKONING

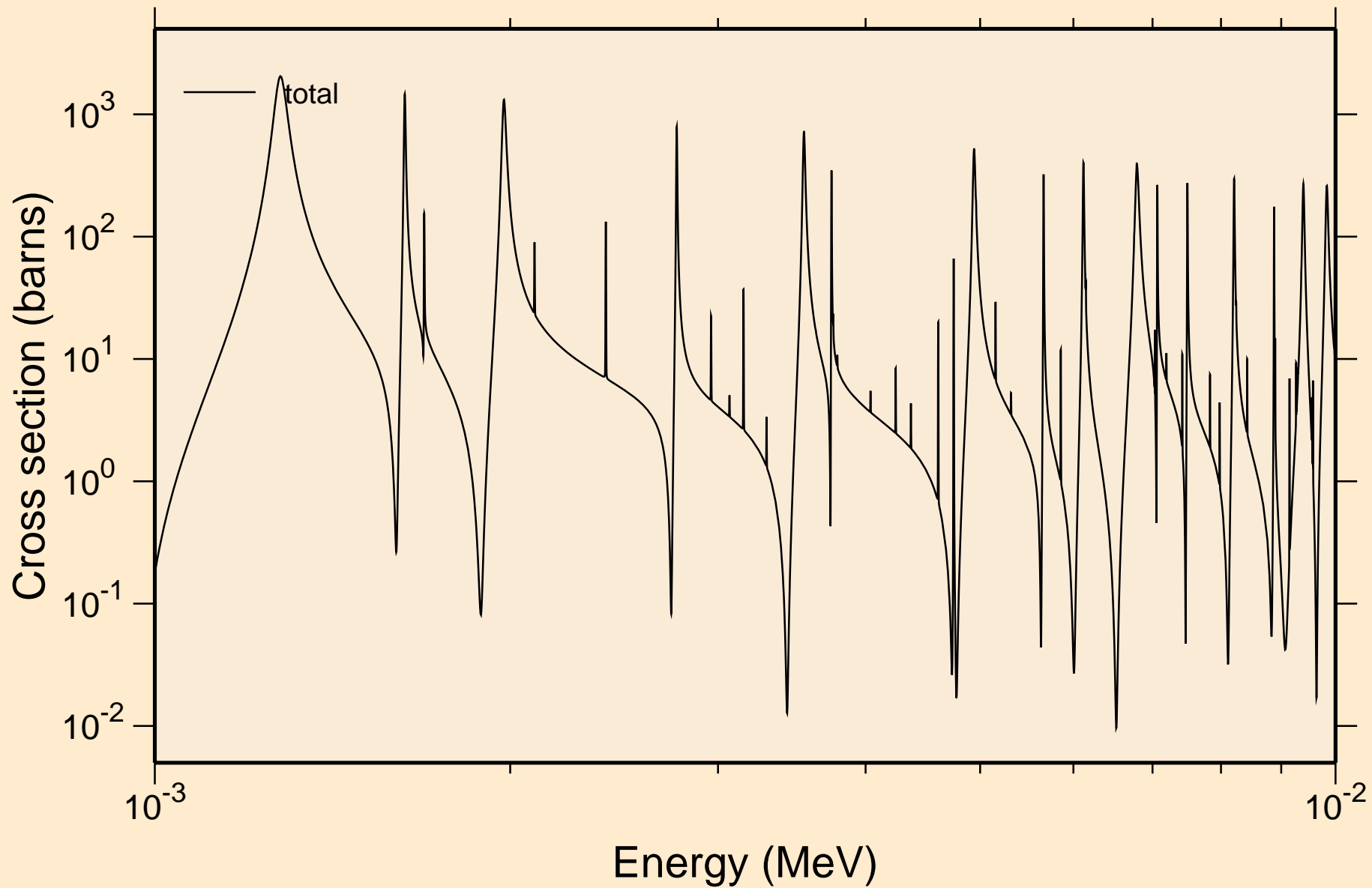
## Principal cross sections



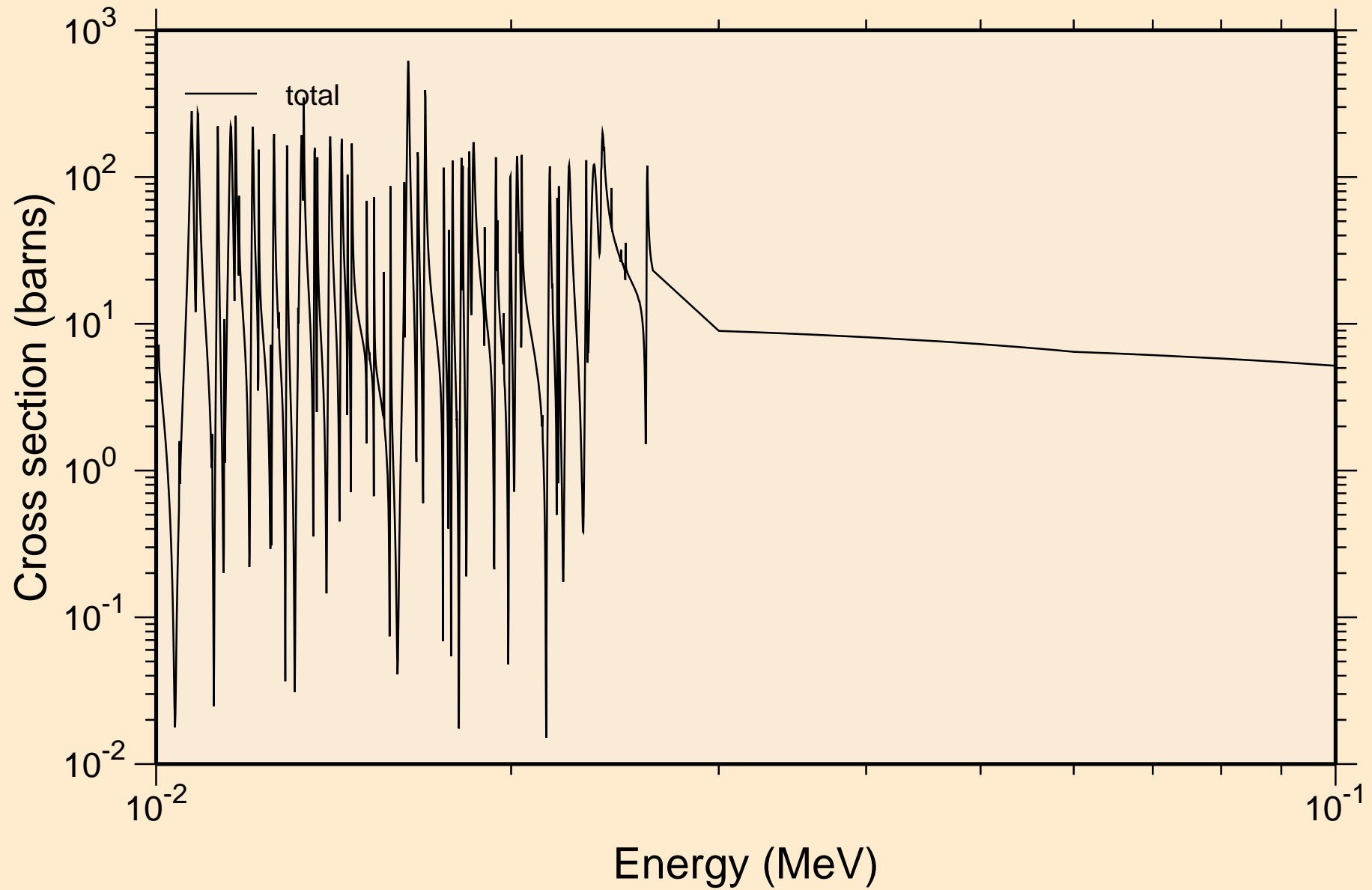
ND144 NRG TENDL-2015, AKONING  
resonance total cross section



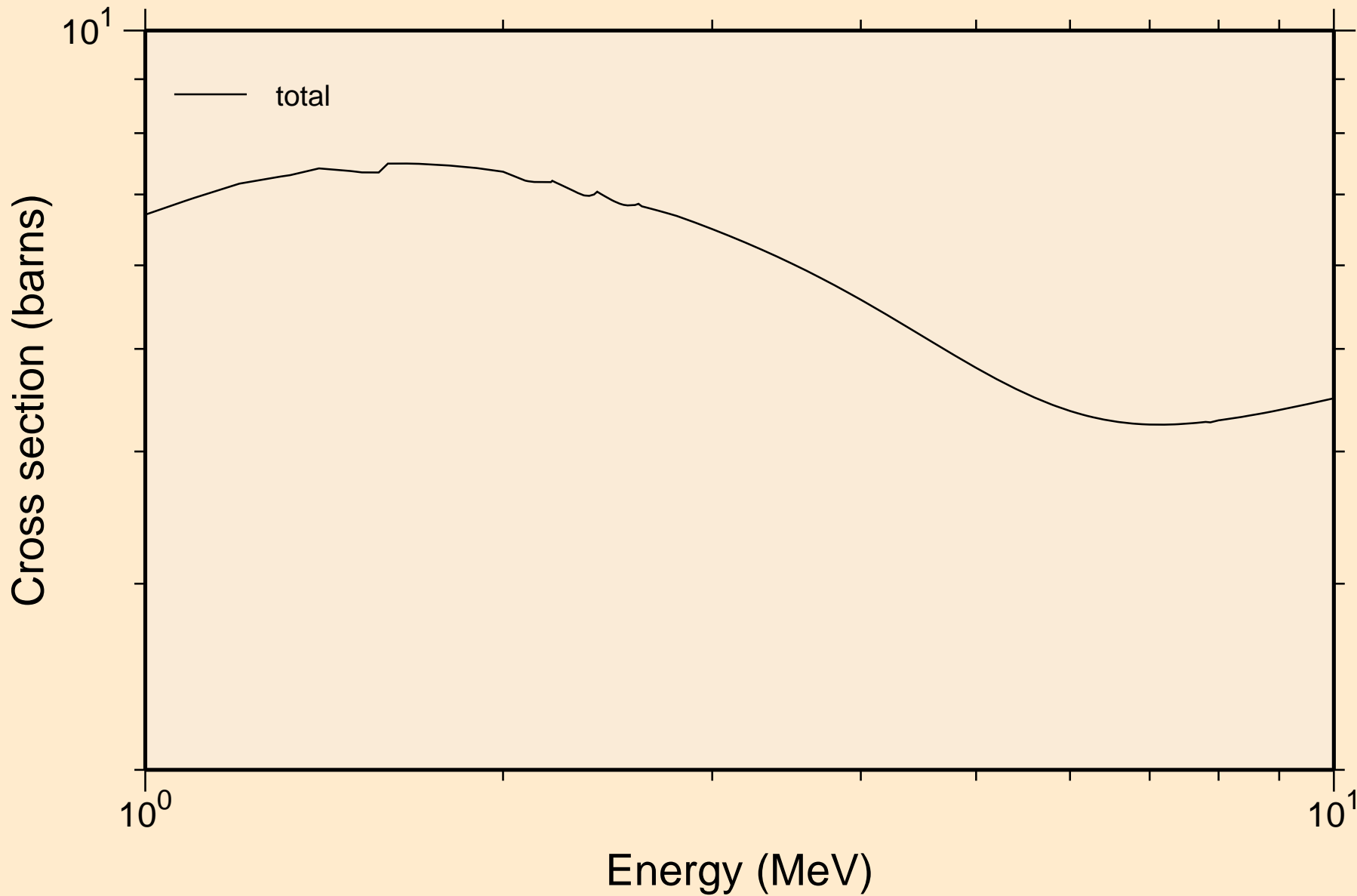
ND144 NRG TENDL-2015, AKONING  
resonance total cross section



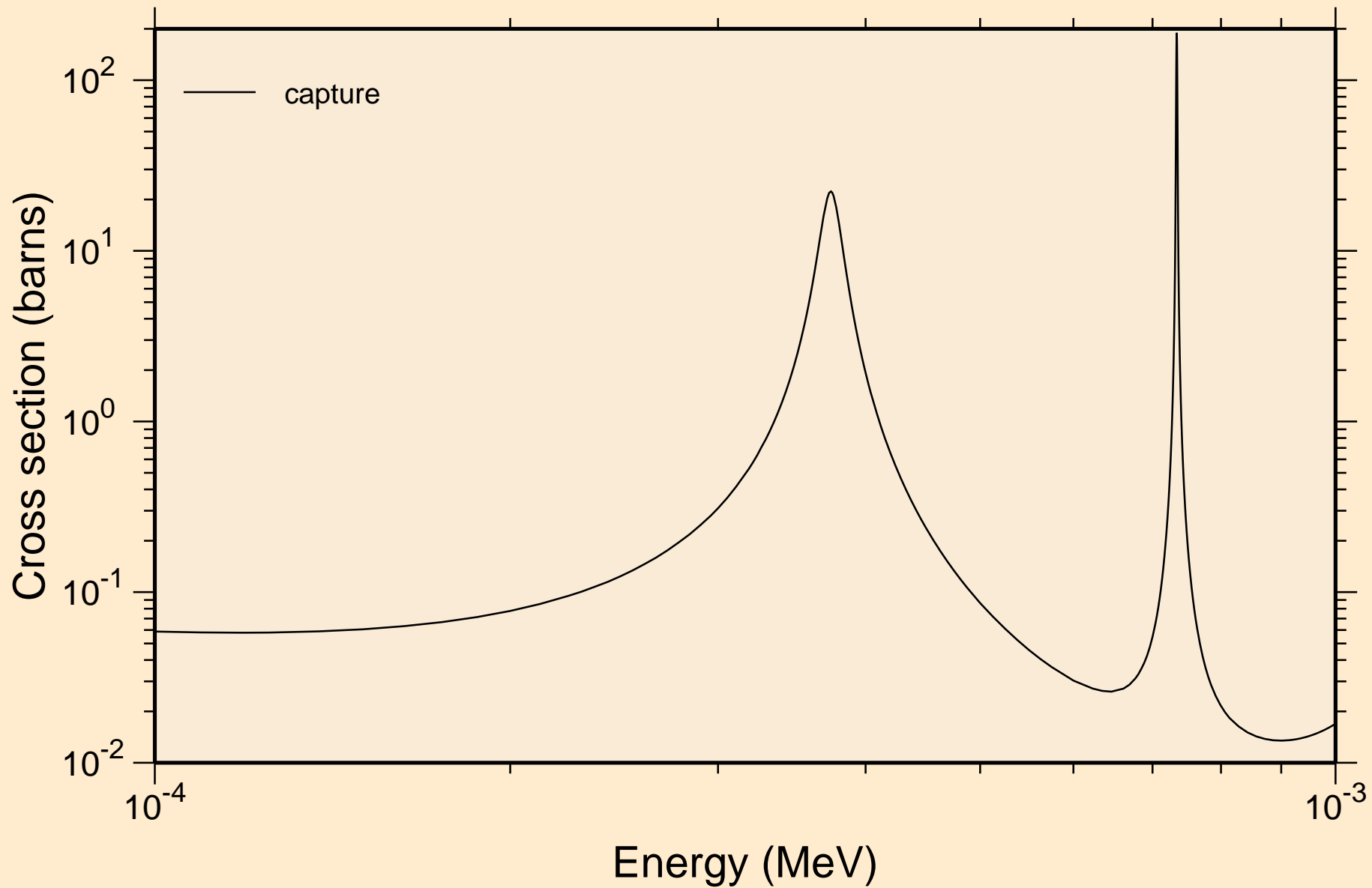
ND144 NRG TENDL-2015, AKONING  
resonance total cross section



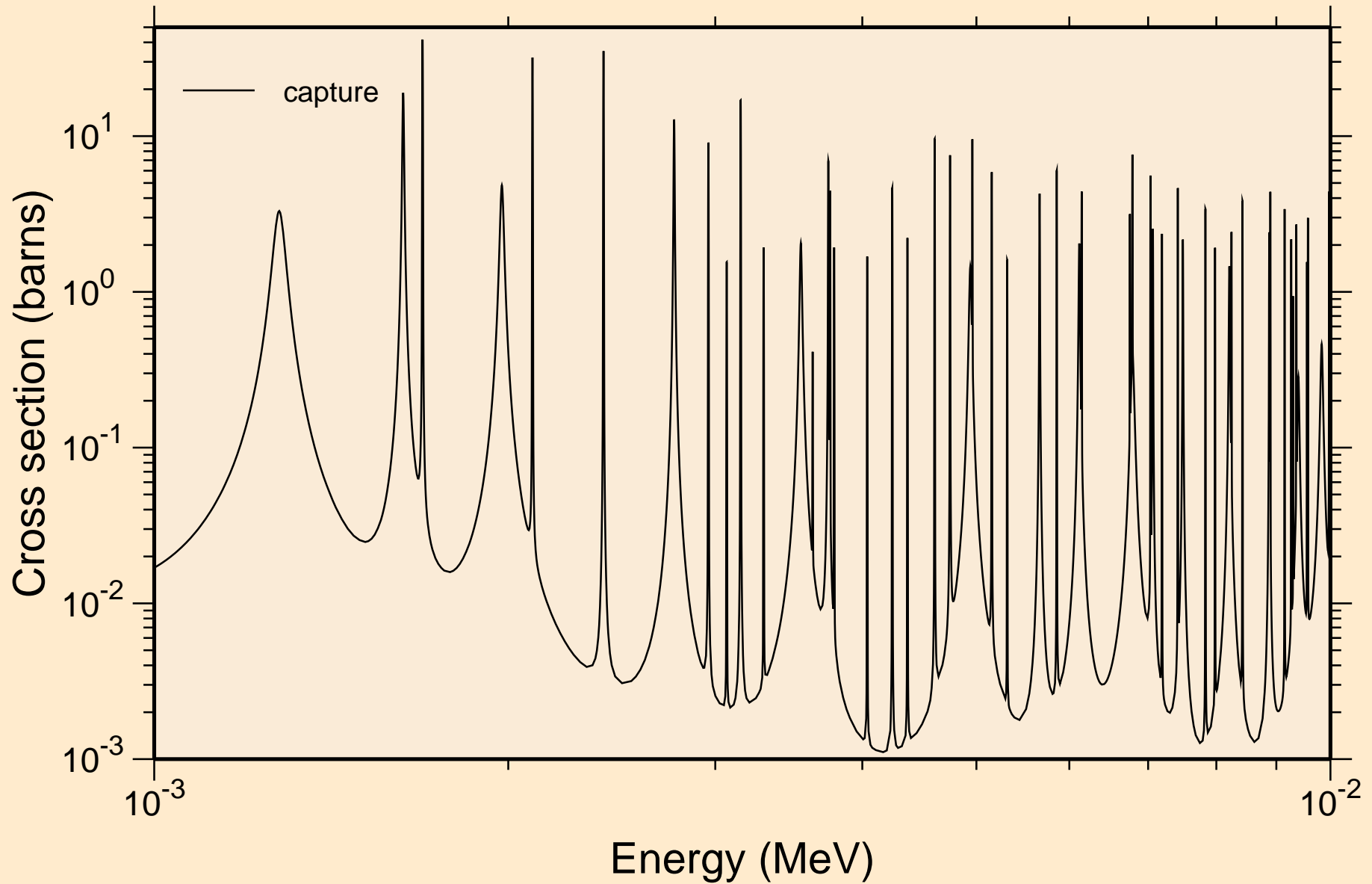
ND144 NRG TENDL-2015, AKONING  
resonance total cross section



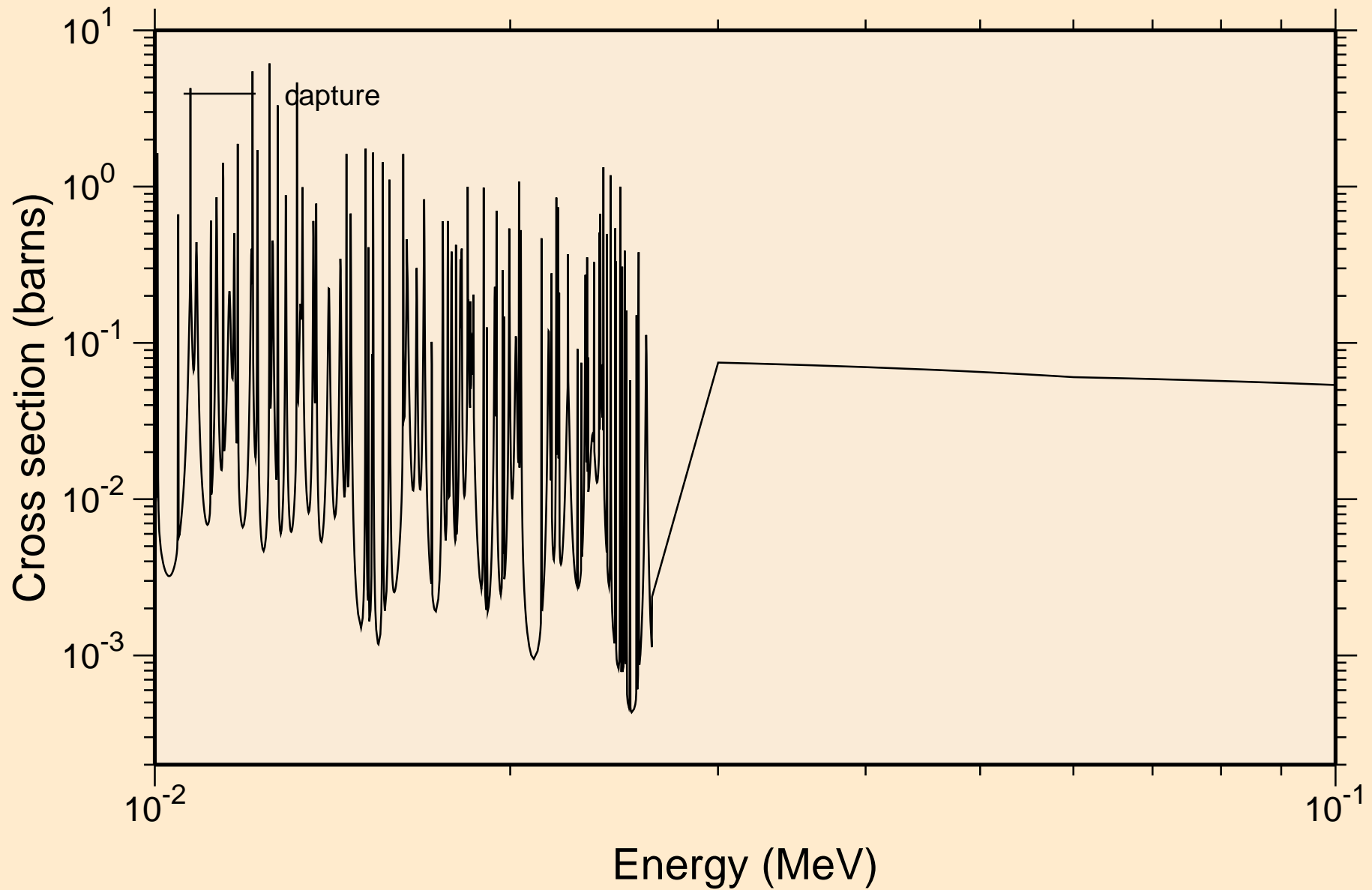
ND144 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# ND144 NRG TENDL-2015, AKONING resonance absorption cross sections

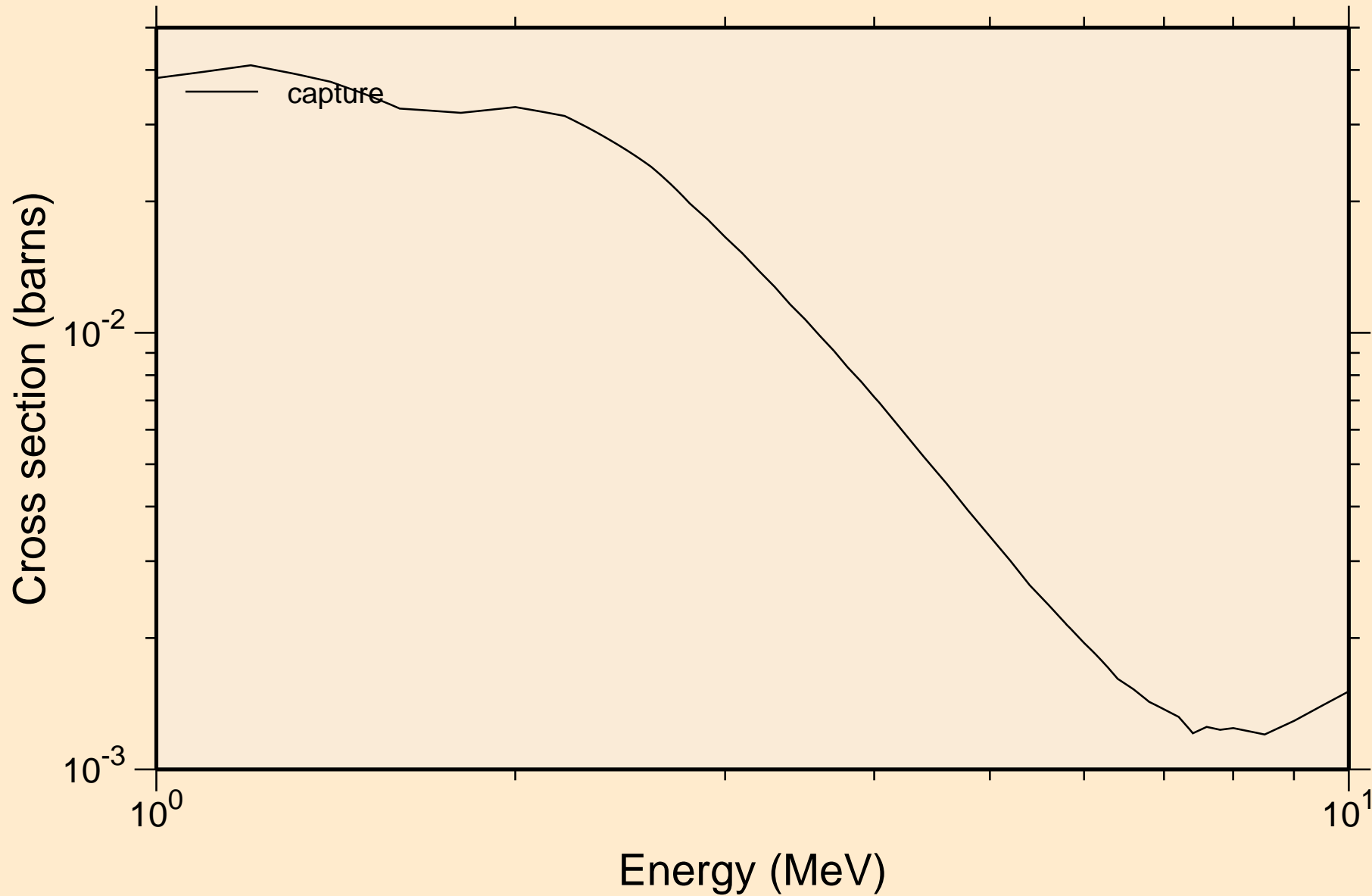


ND144 NRG TENDL-2015, AKONING  
resonance absorption cross sections



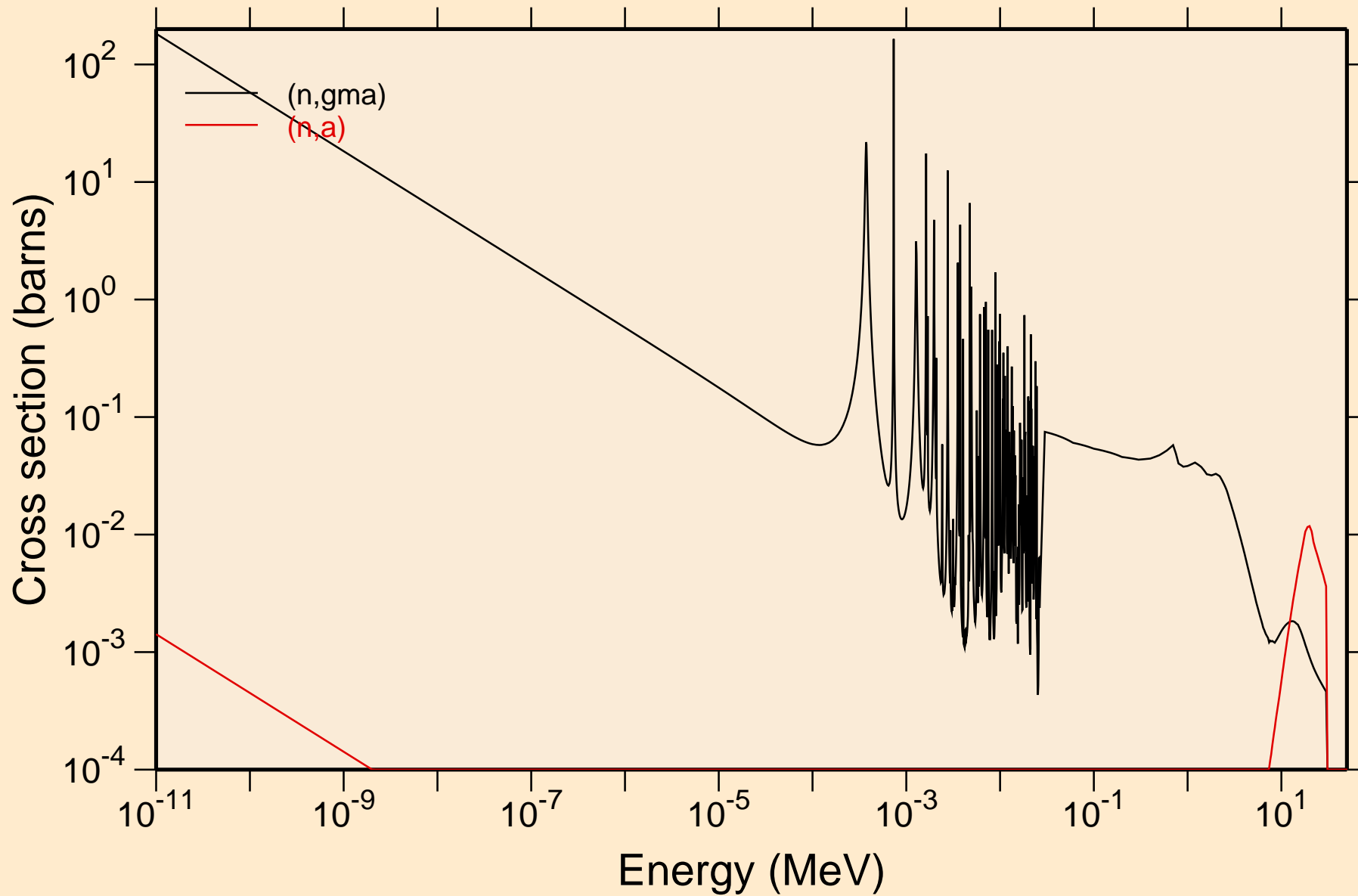


# ND144 NRG TENDL-2015, AKONING resonance absorption cross sections



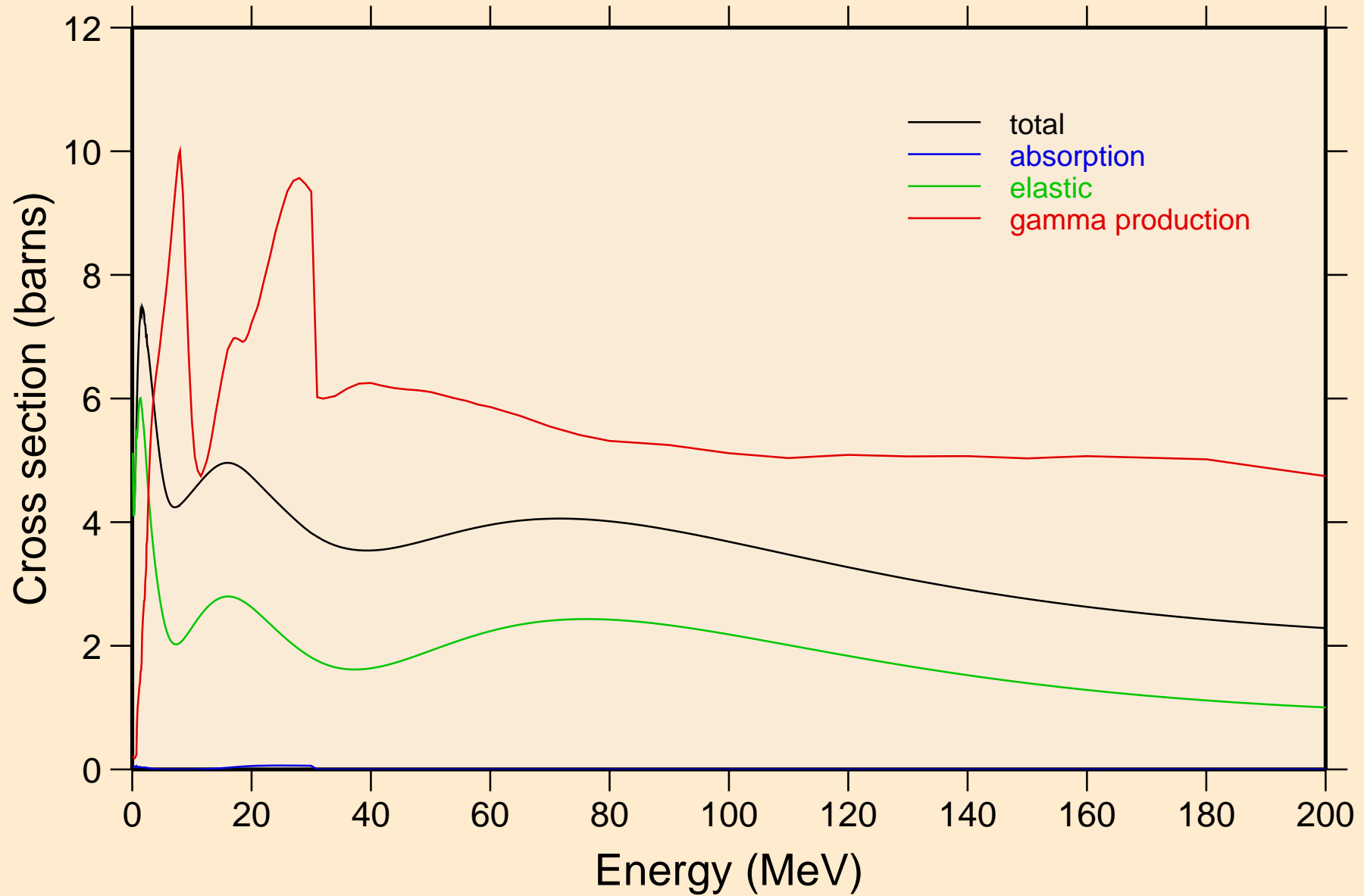
# ND144 NRG TENDL-2015, AKONING

## Non-threshold reactions



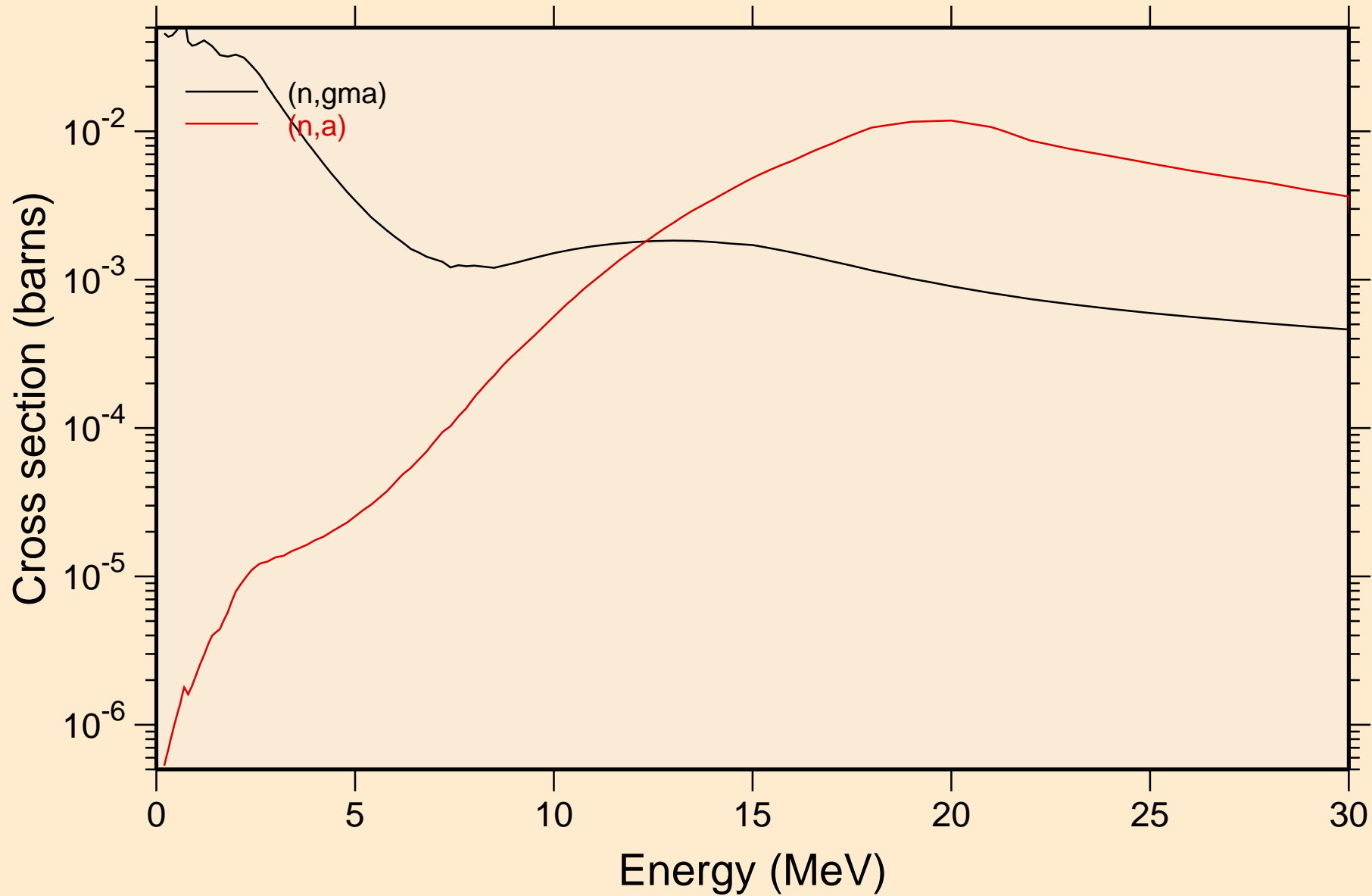
# ND144 NRG TENDL-2015, AKONING

## Principal cross sections



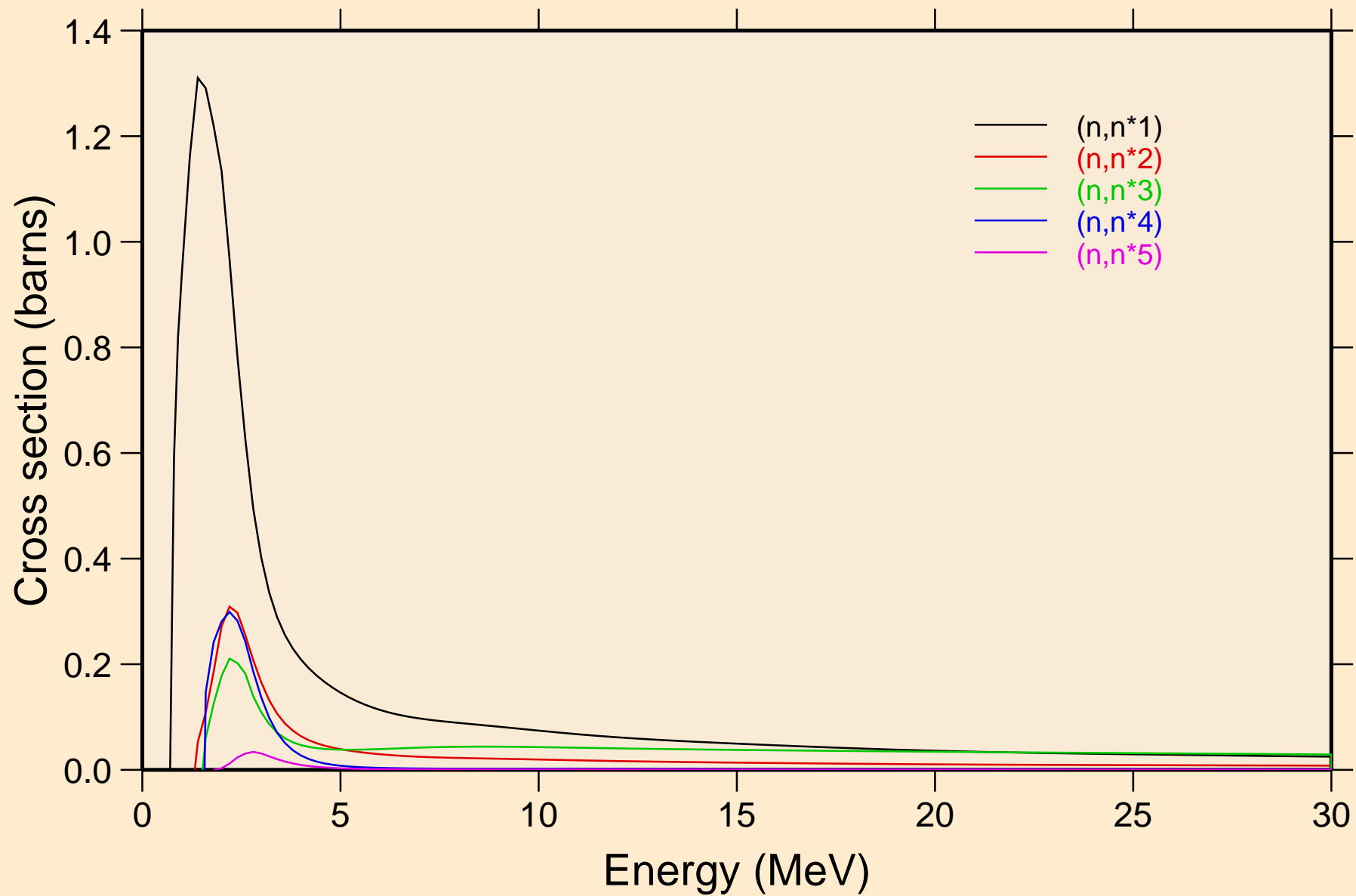
# ND144 NRG TENDL-2015, AKONING

## Non-threshold reactions



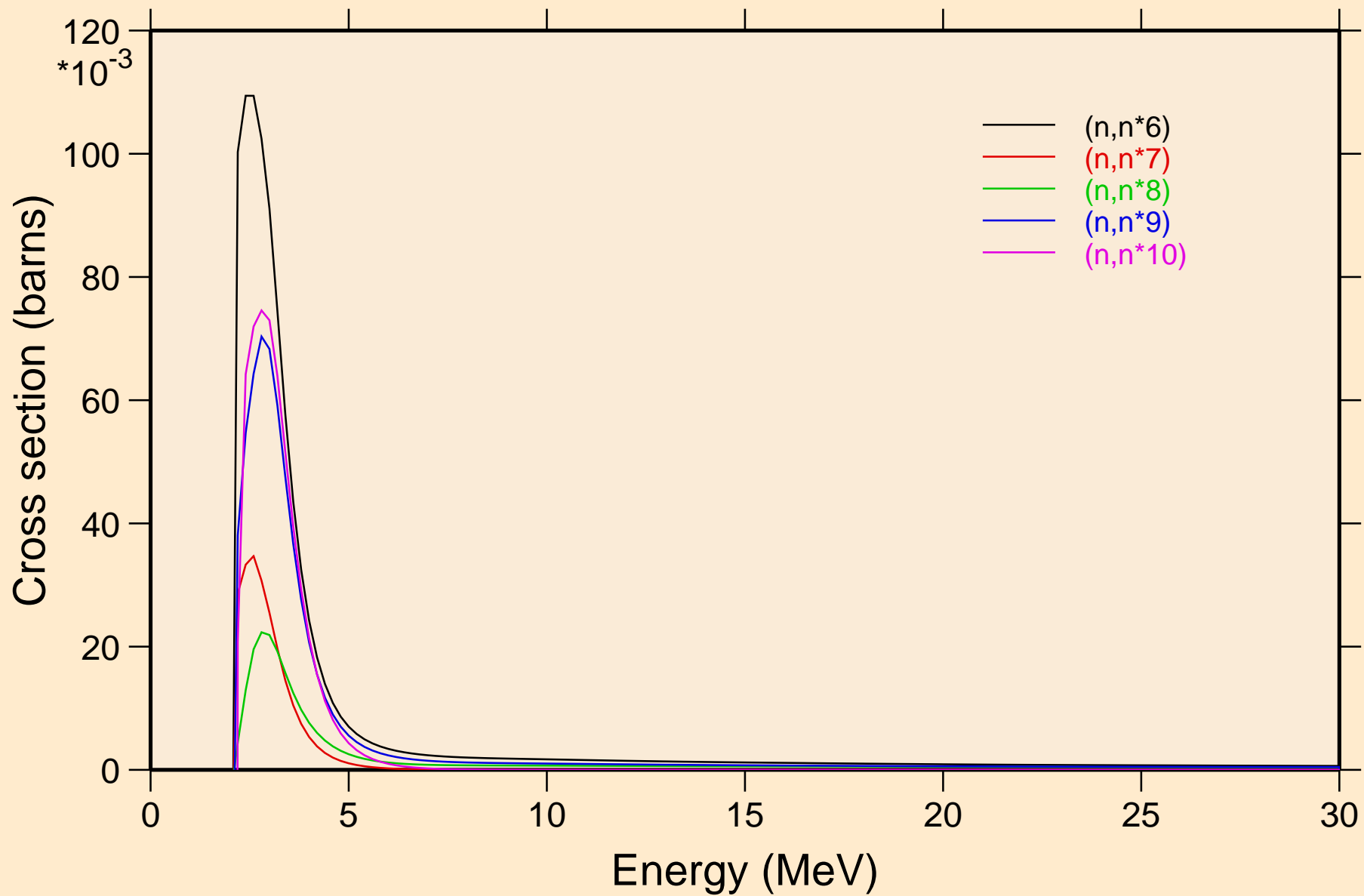
# ND144 NRG TENDL-2015, AKONING

## Inelastic levels



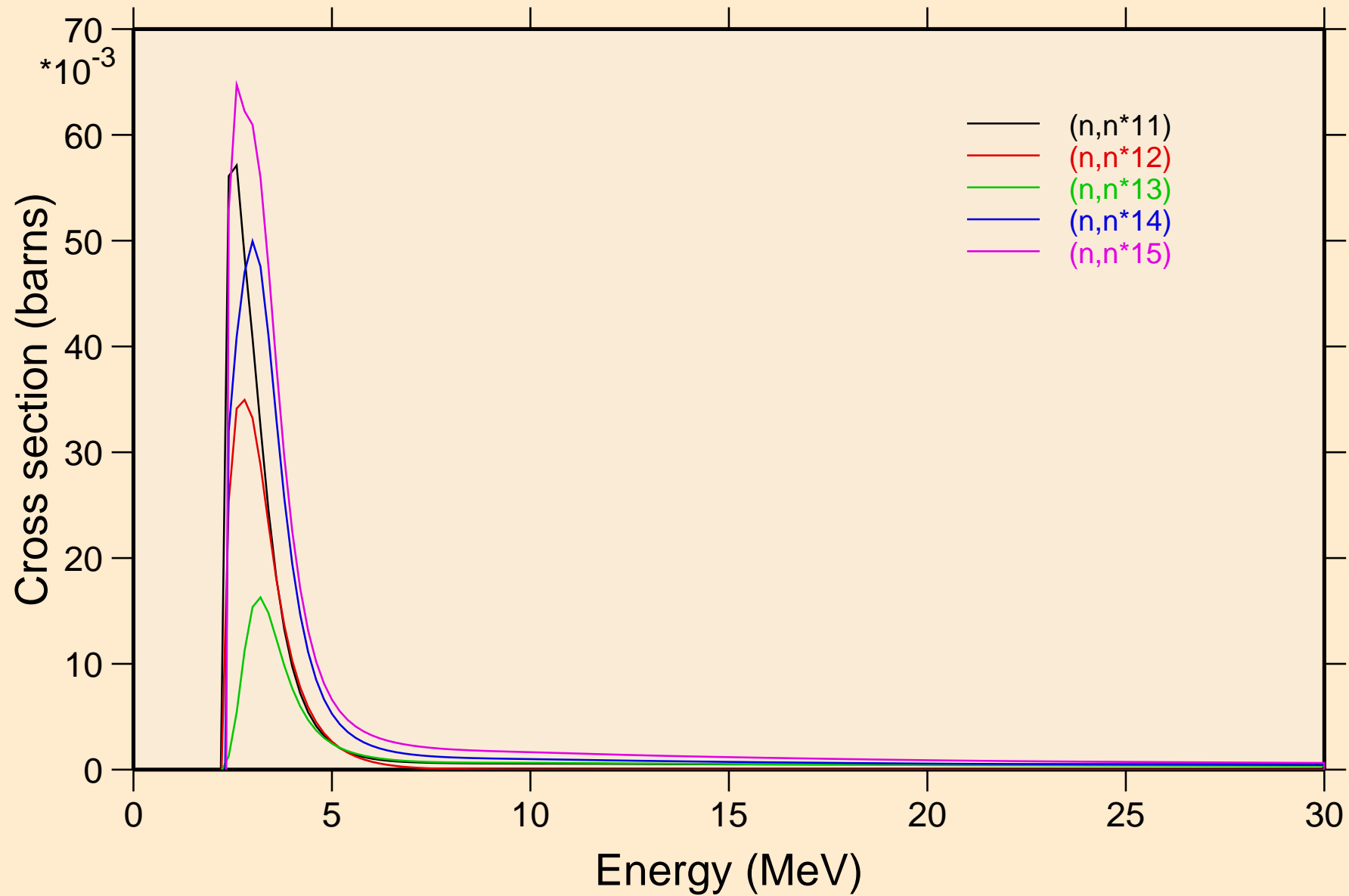
# ND144 NRG TENDL-2015, AKONING

## Inelastic levels



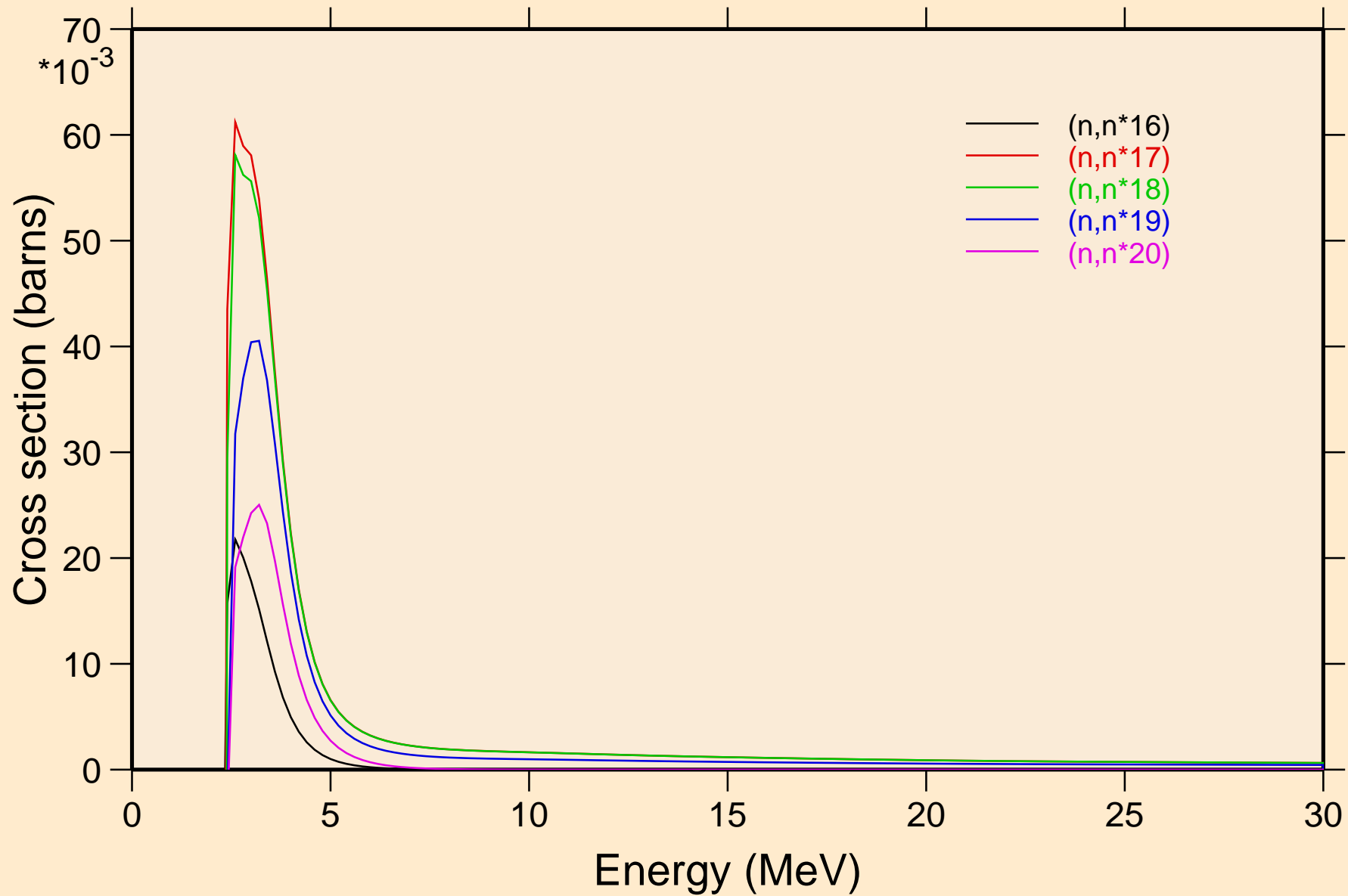
# ND144 NRG TENDL-2015, AKONING

## Inelastic levels



# ND144 NRG TENDL-2015, AKONING

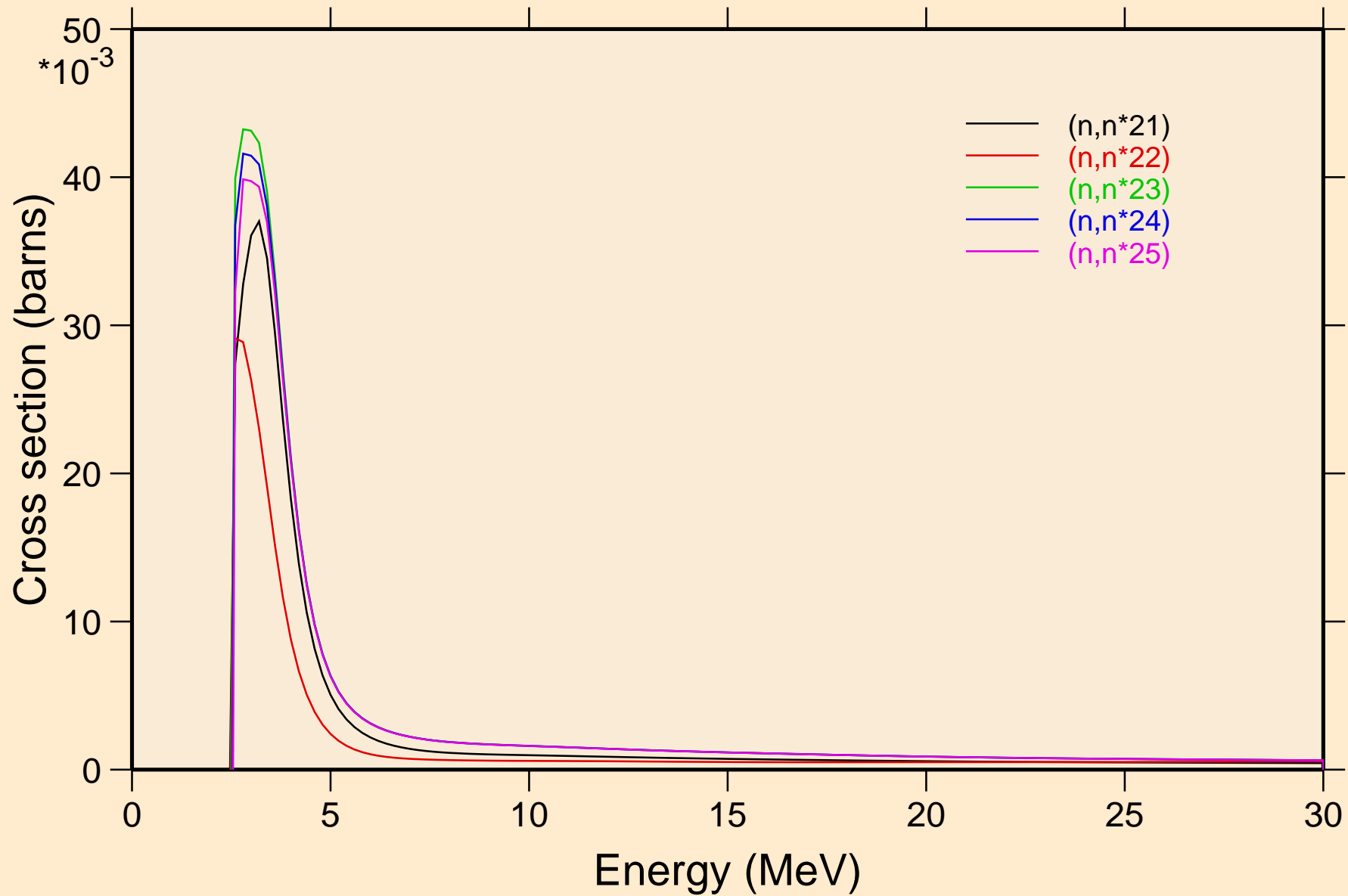
## Inelastic levels





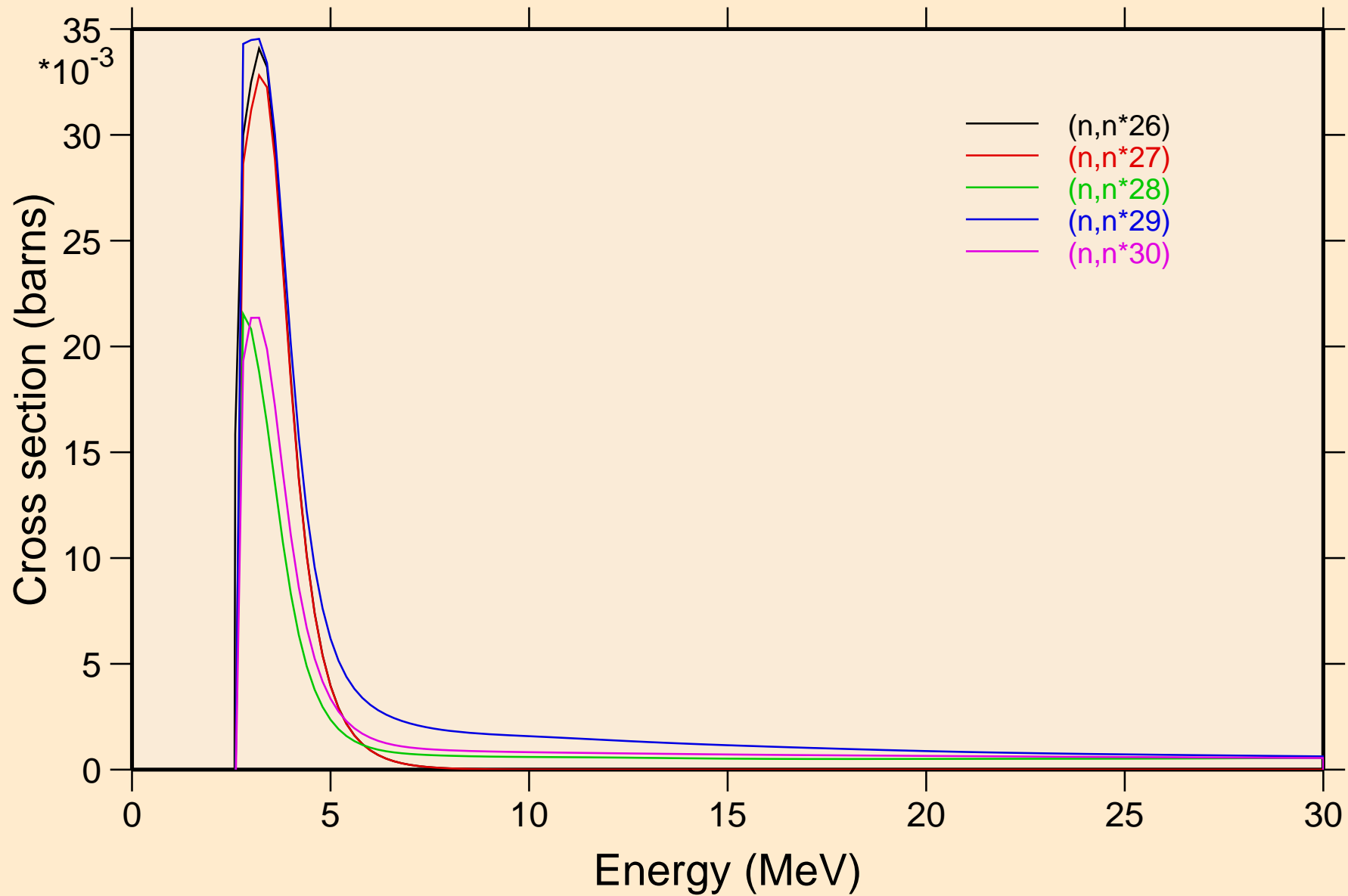
# ND144 NRG TENDL-2015, AKONING

## Inelastic levels



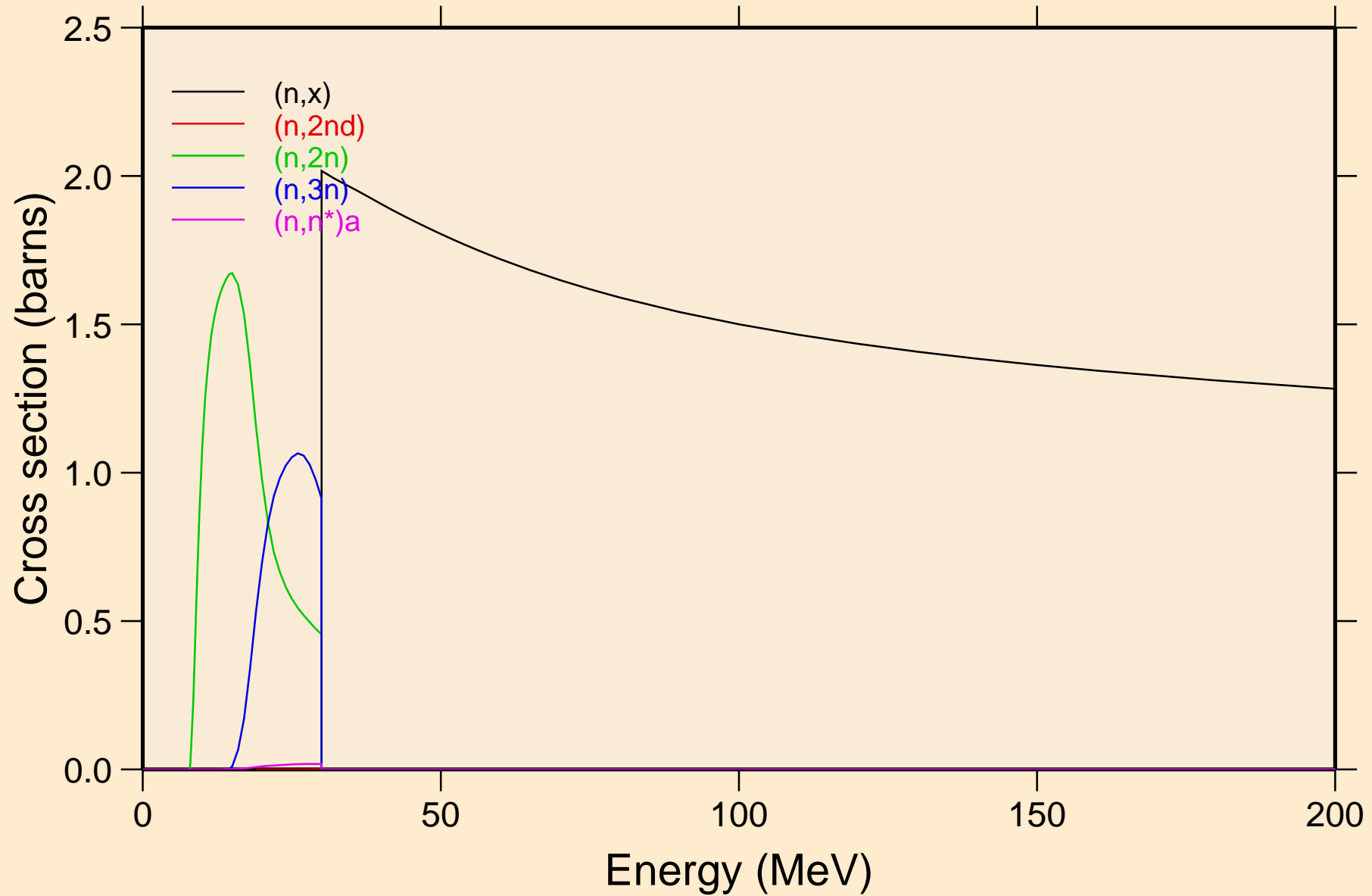
# ND144 NRG TENDL-2015, AKONING

## Inelastic levels



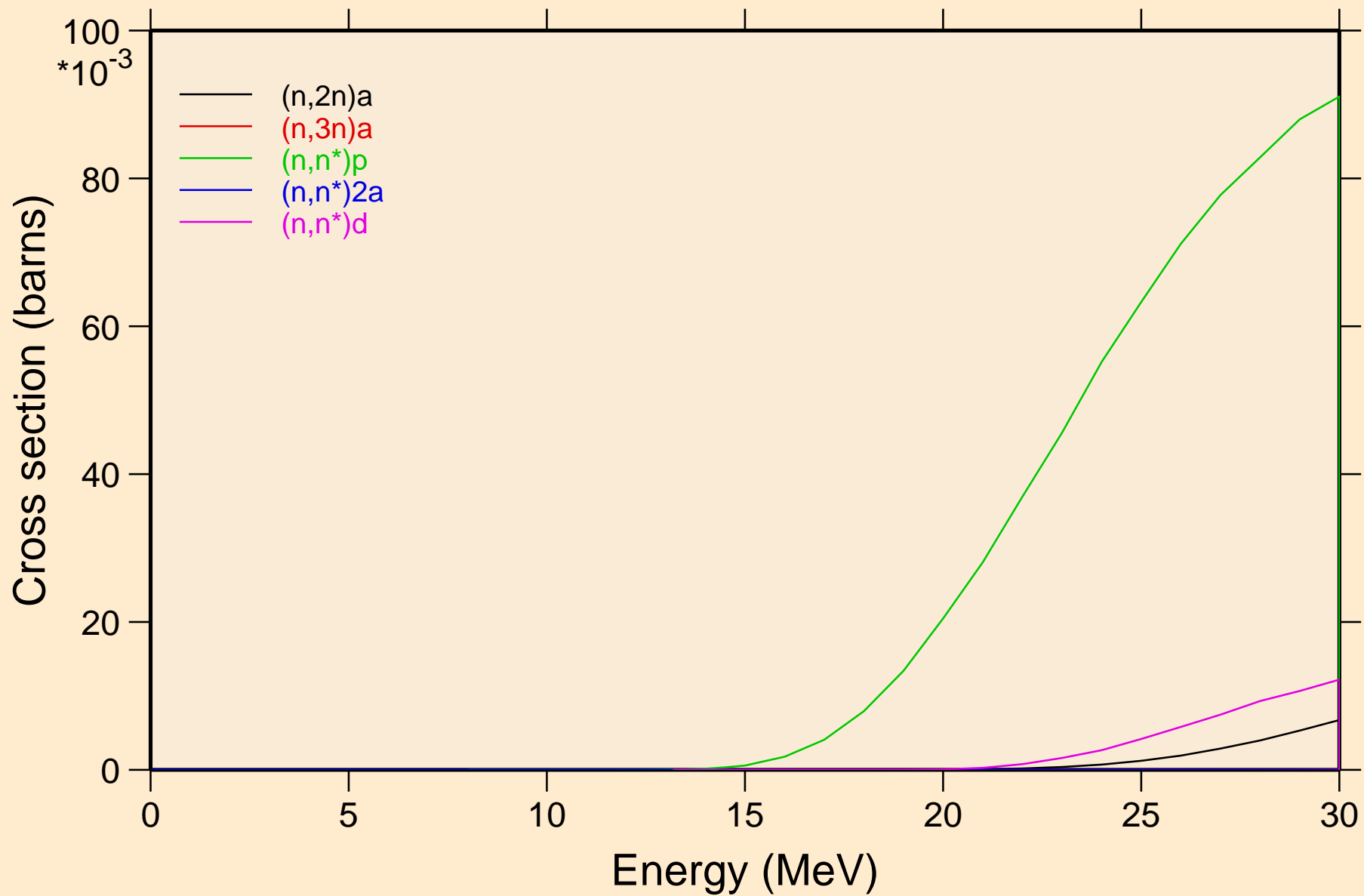
# ND144 NRG TENDL-2015, AKONING

## Threshold reactions



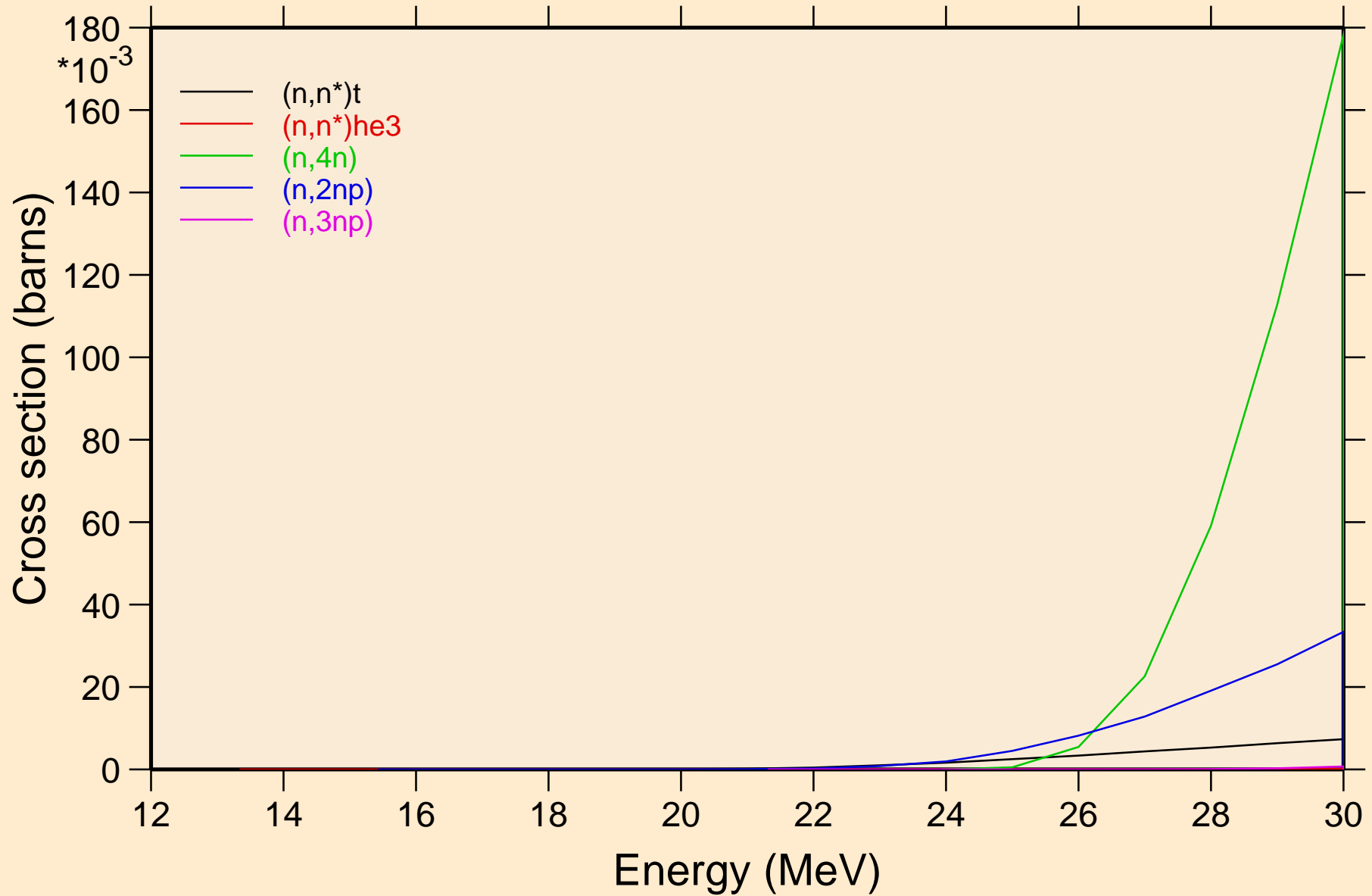
# ND144 NRG TENDL-2015, AKONING

## Threshold reactions



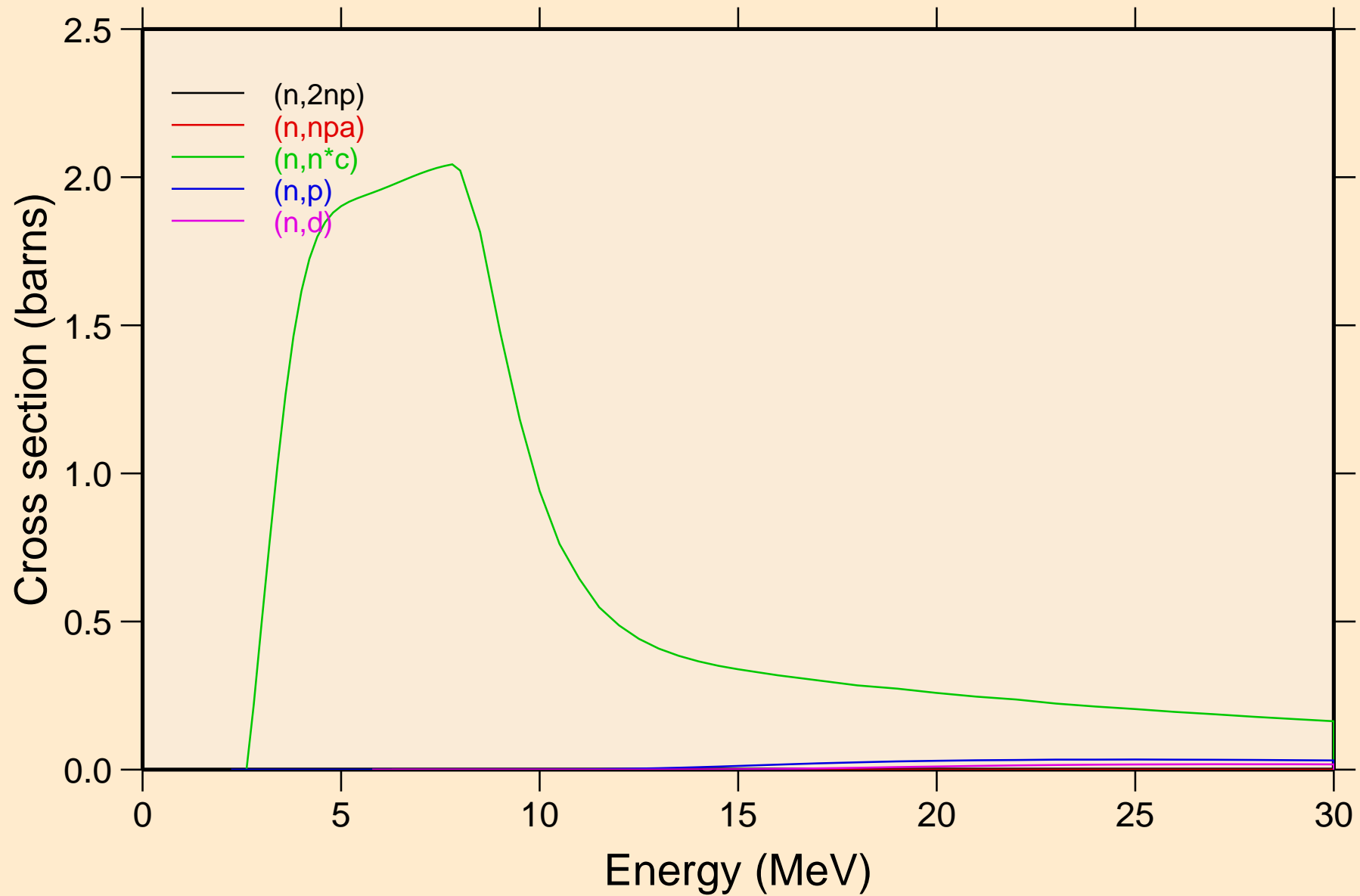
# ND144 NRG TENDL-2015, AKONING

## Threshold reactions



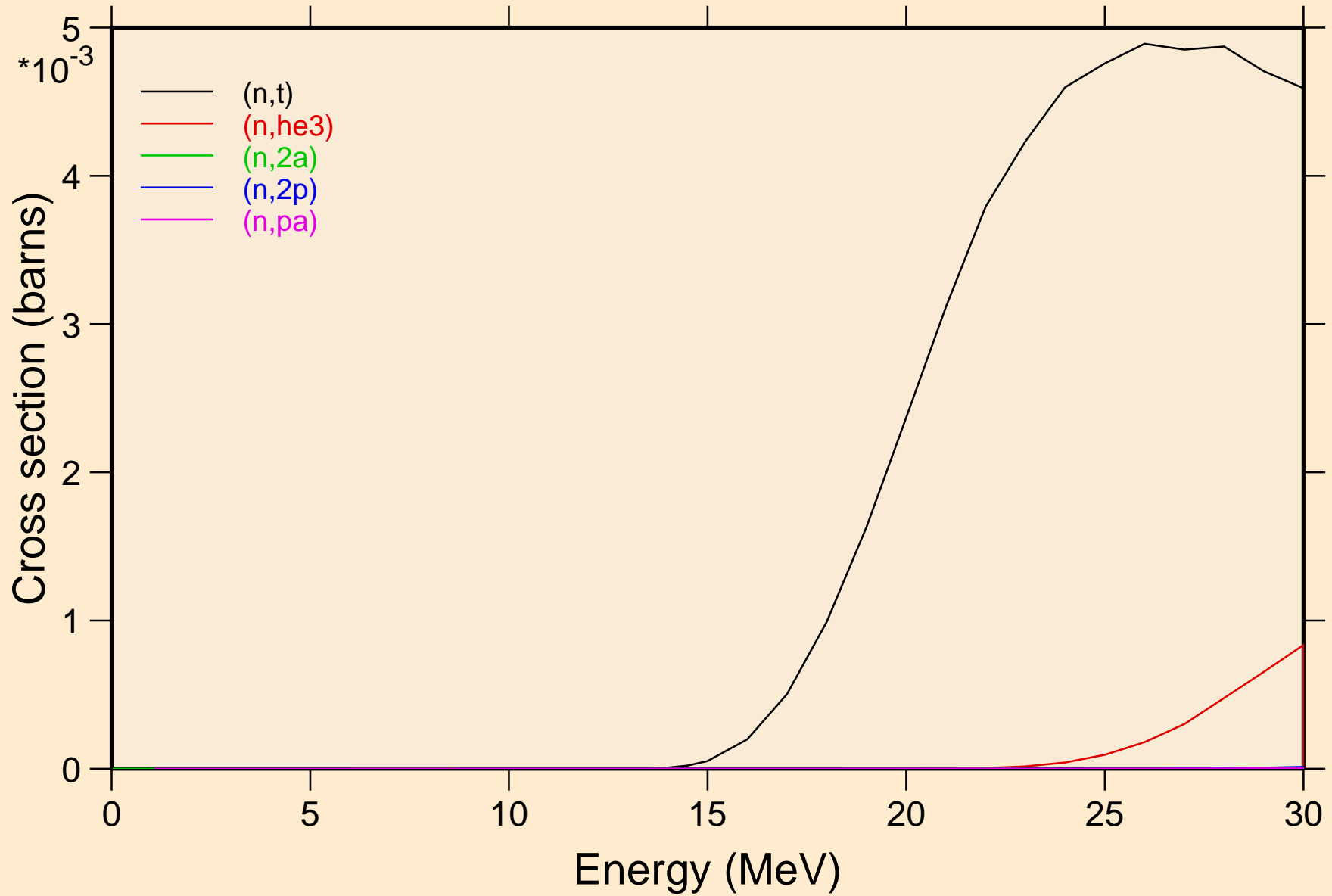
# ND144 NRG TENDL-2015, AKONING

## Threshold reactions



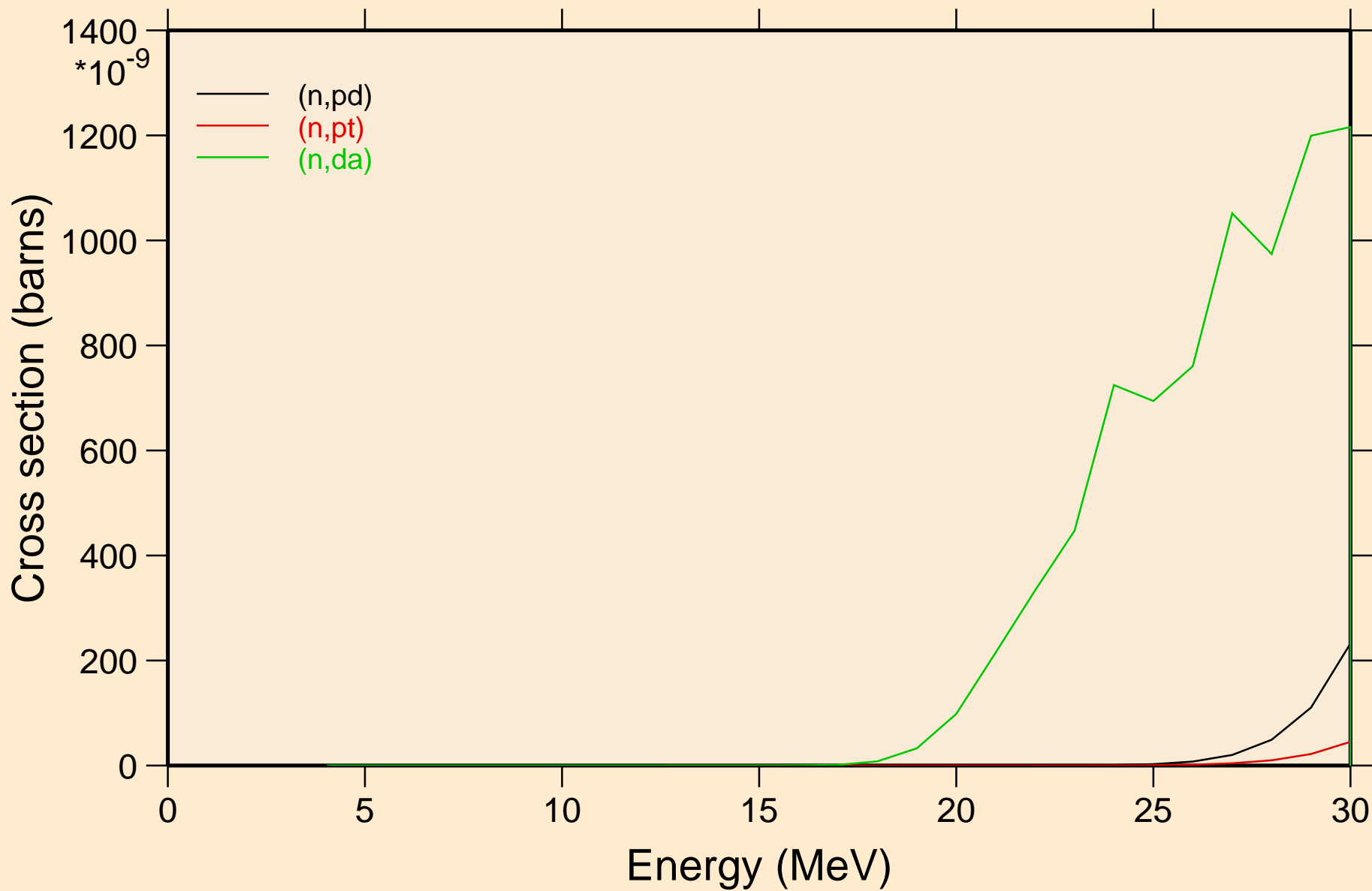
# ND144 NRG TENDL-2015, AKONING

## Threshold reactions



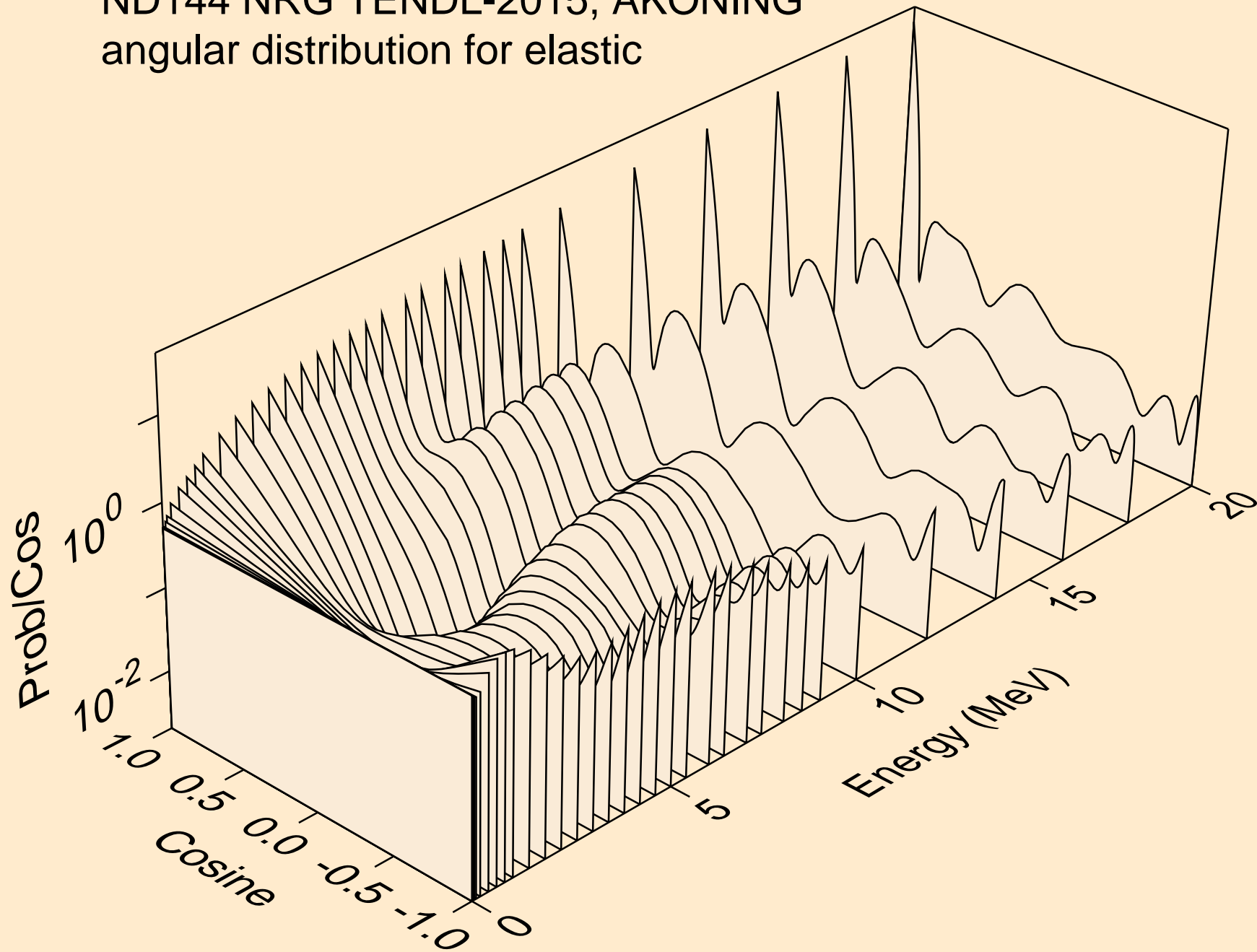
# ND144 NRG TENDL-2015, AKONING

## Threshold reactions

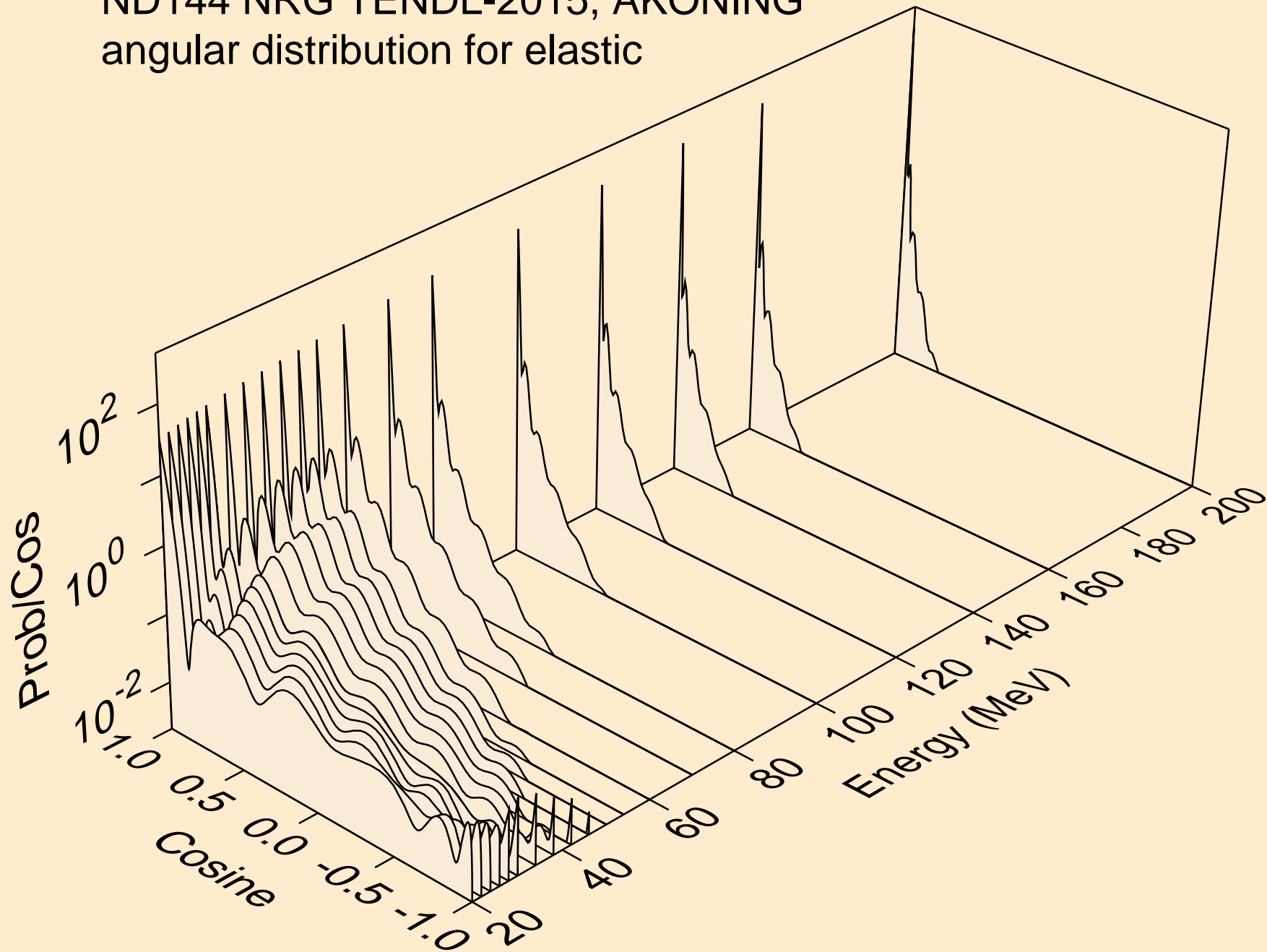




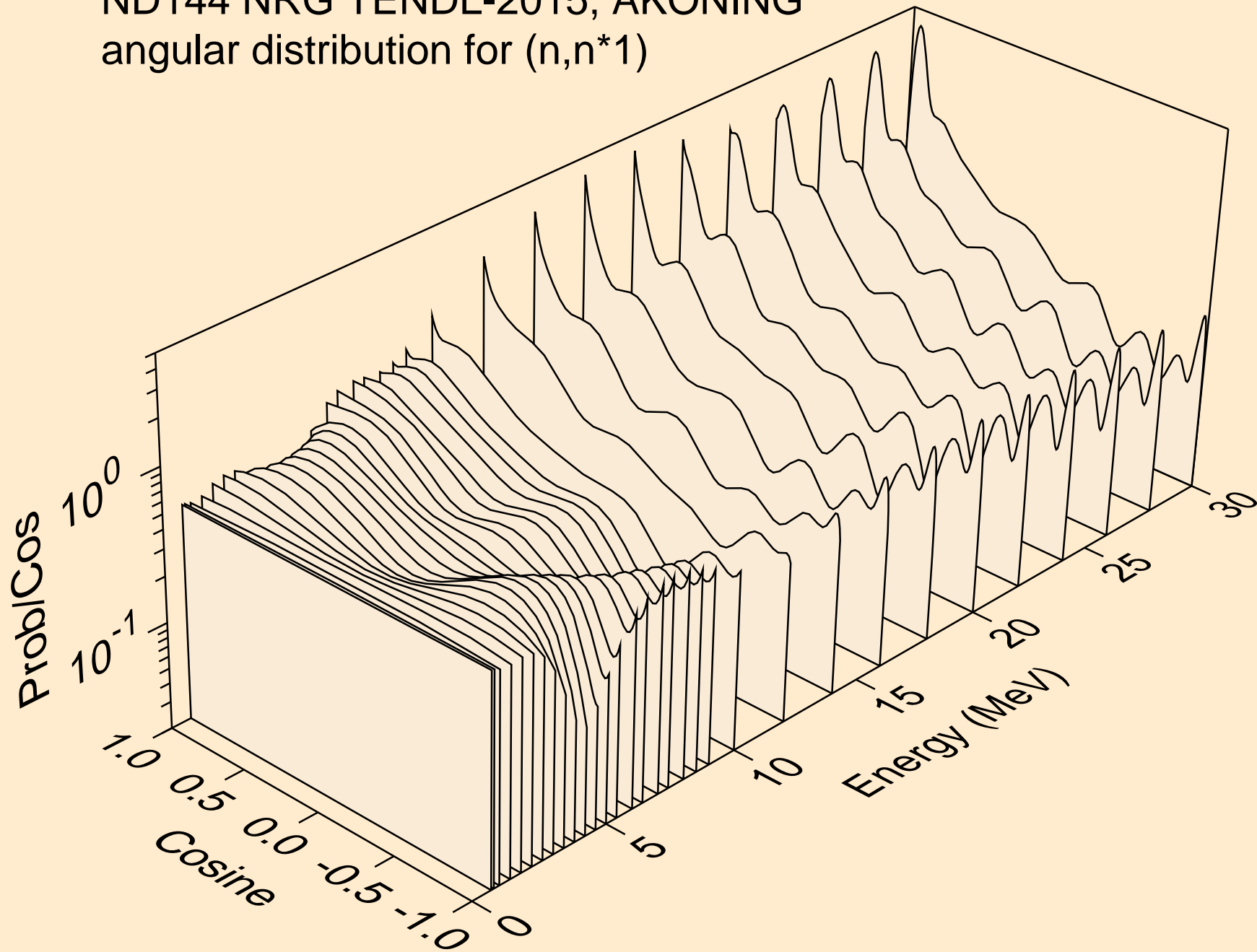
ND144 NRG TENDL-2015, AKONING  
angular distribution for elastic



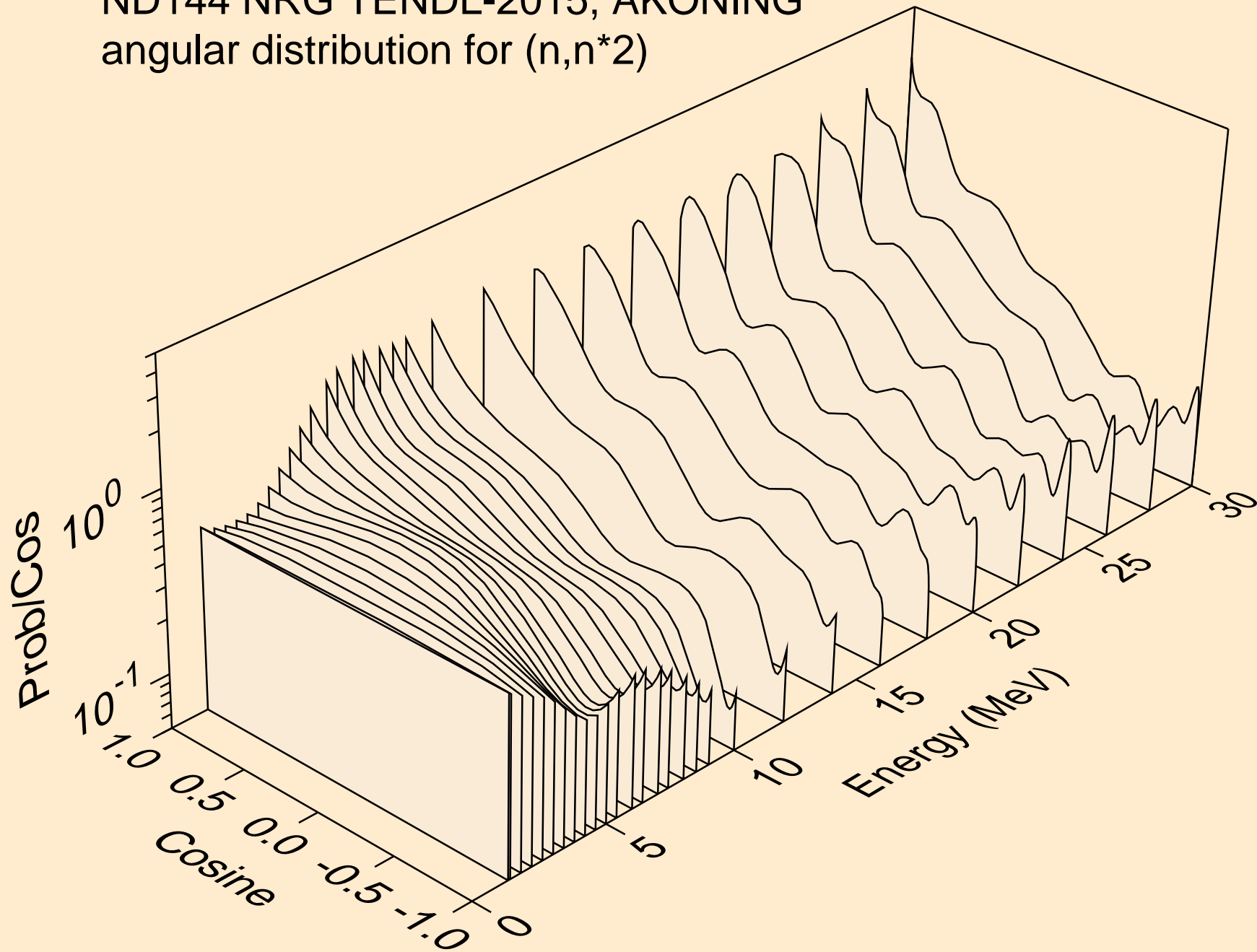
ND144 NRG TENDL-2015, AKONING  
angular distribution for elastic



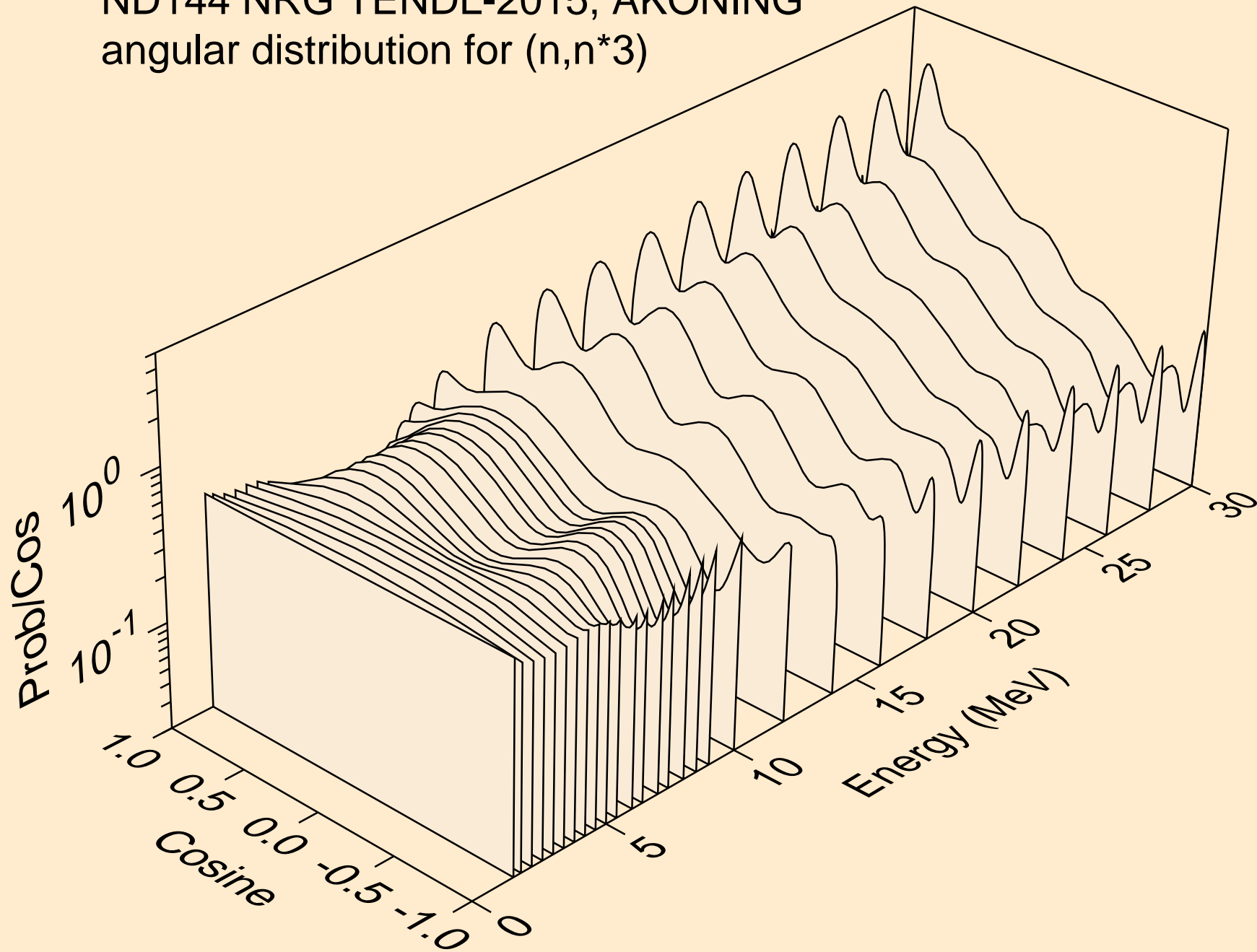
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



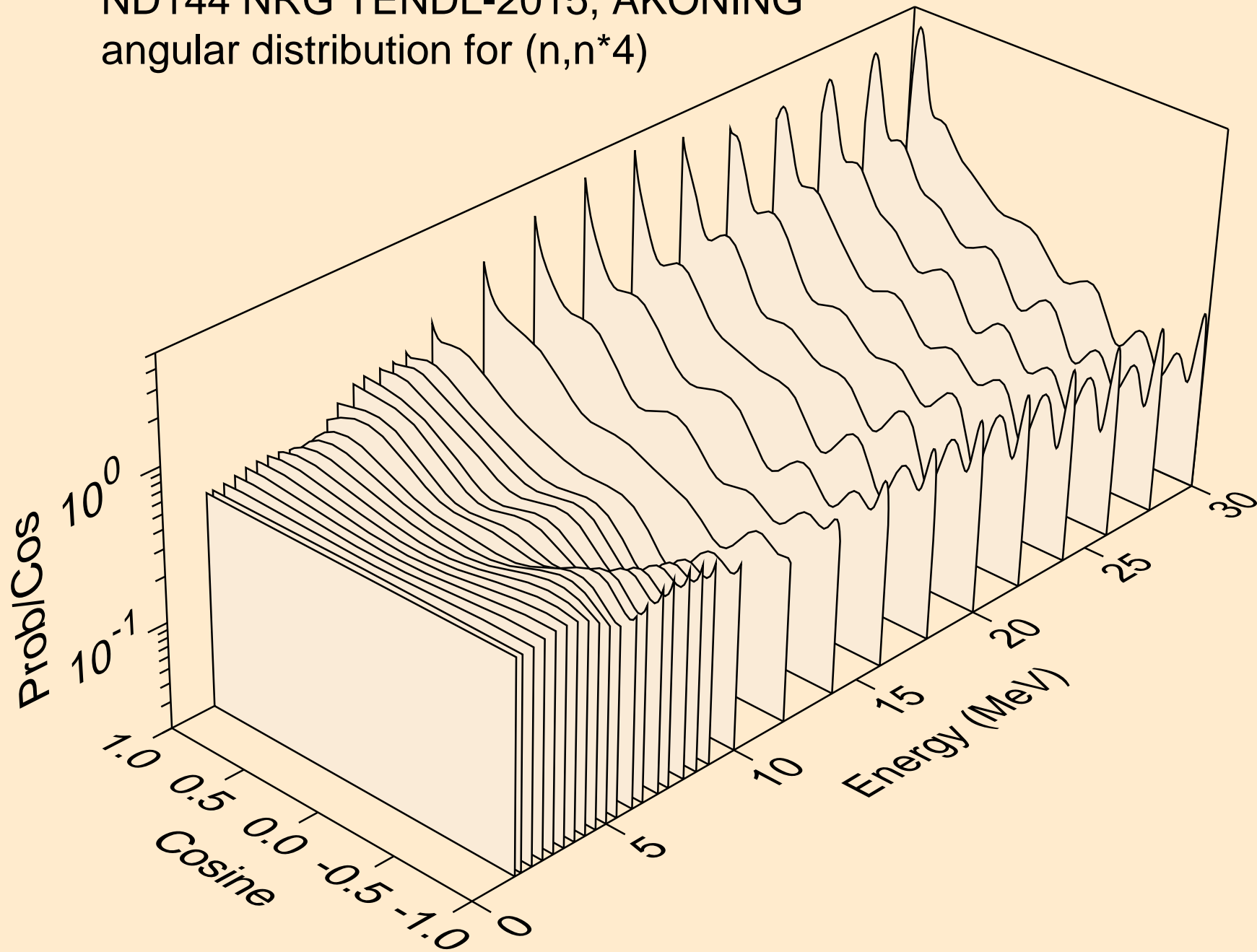
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



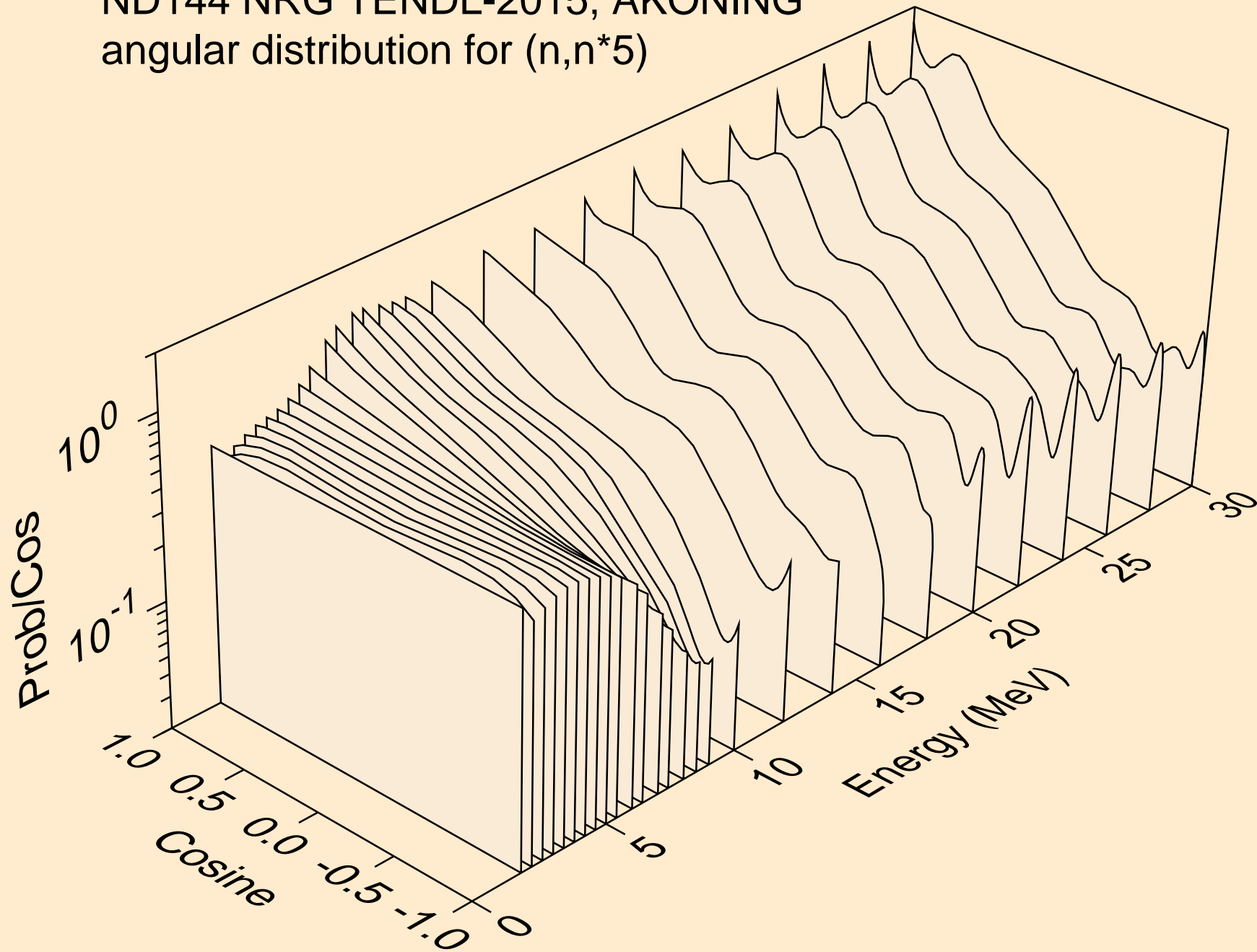
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



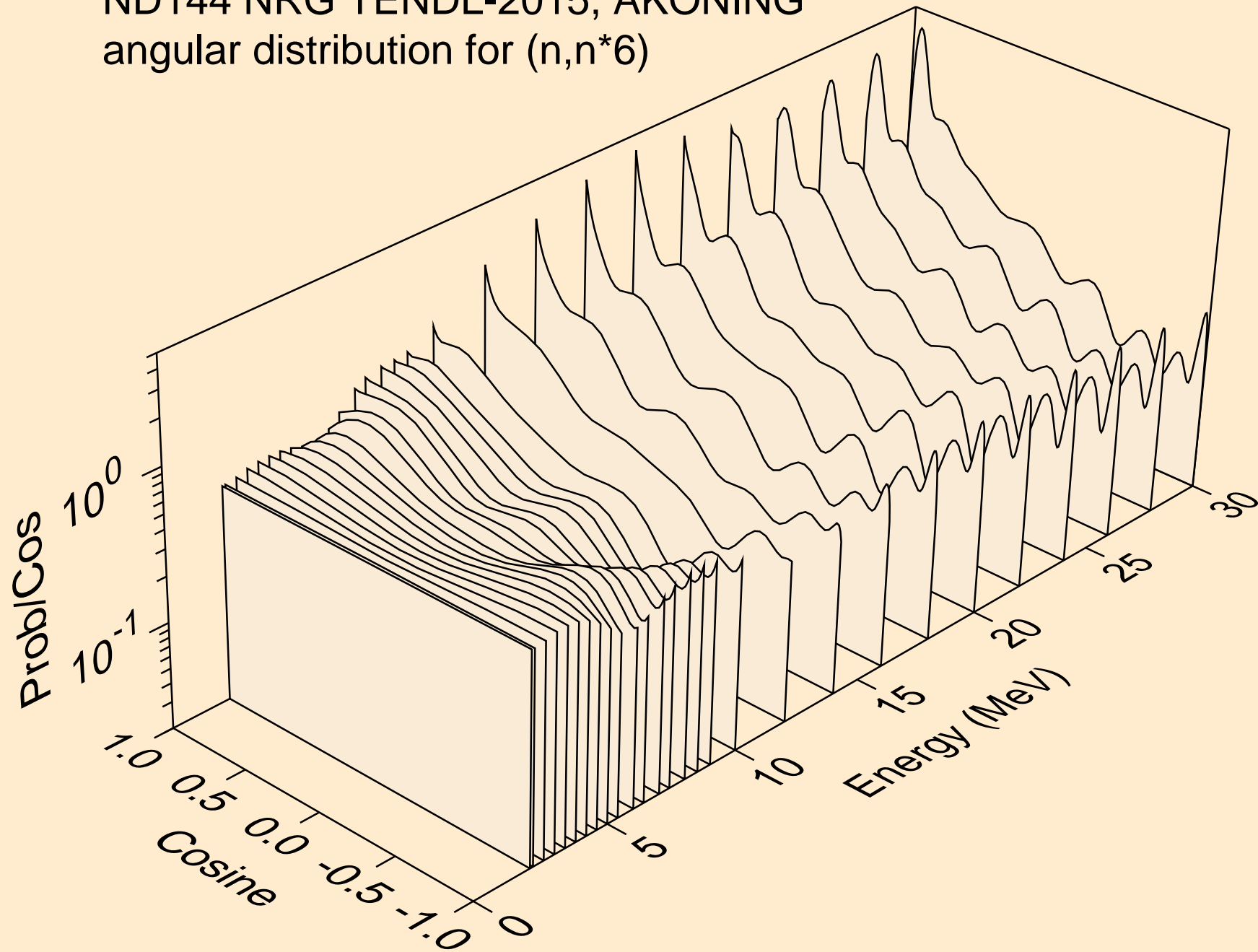
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

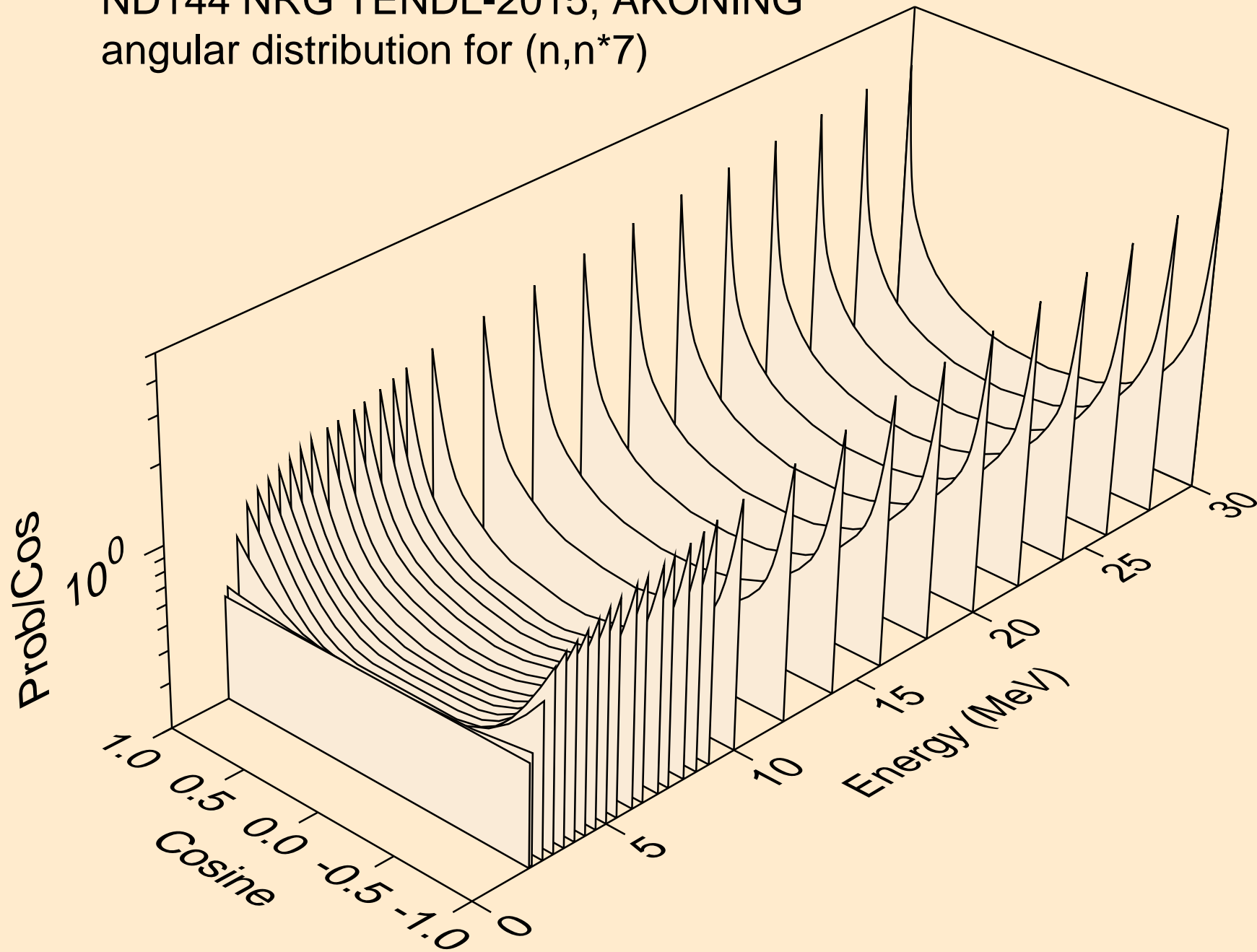


ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

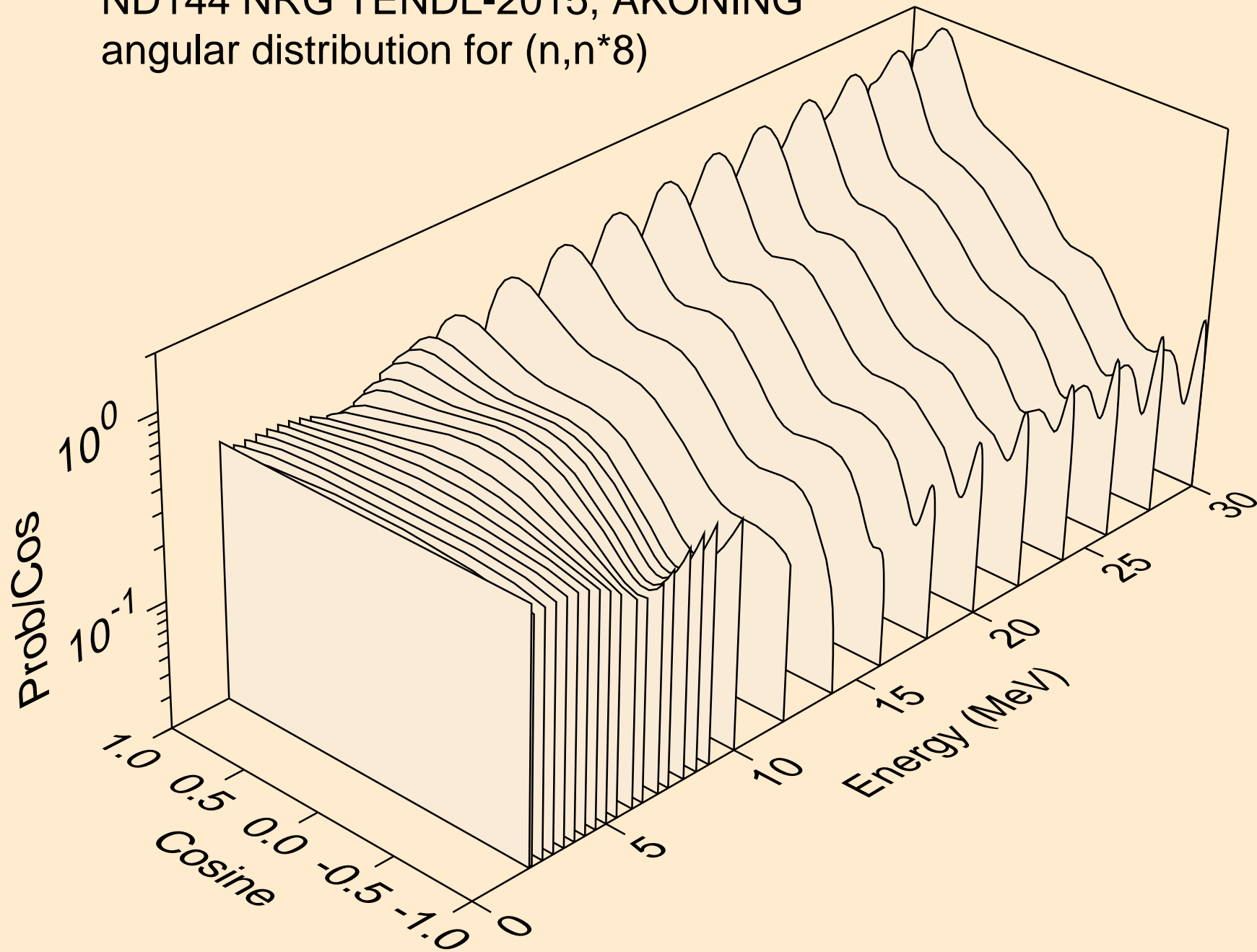




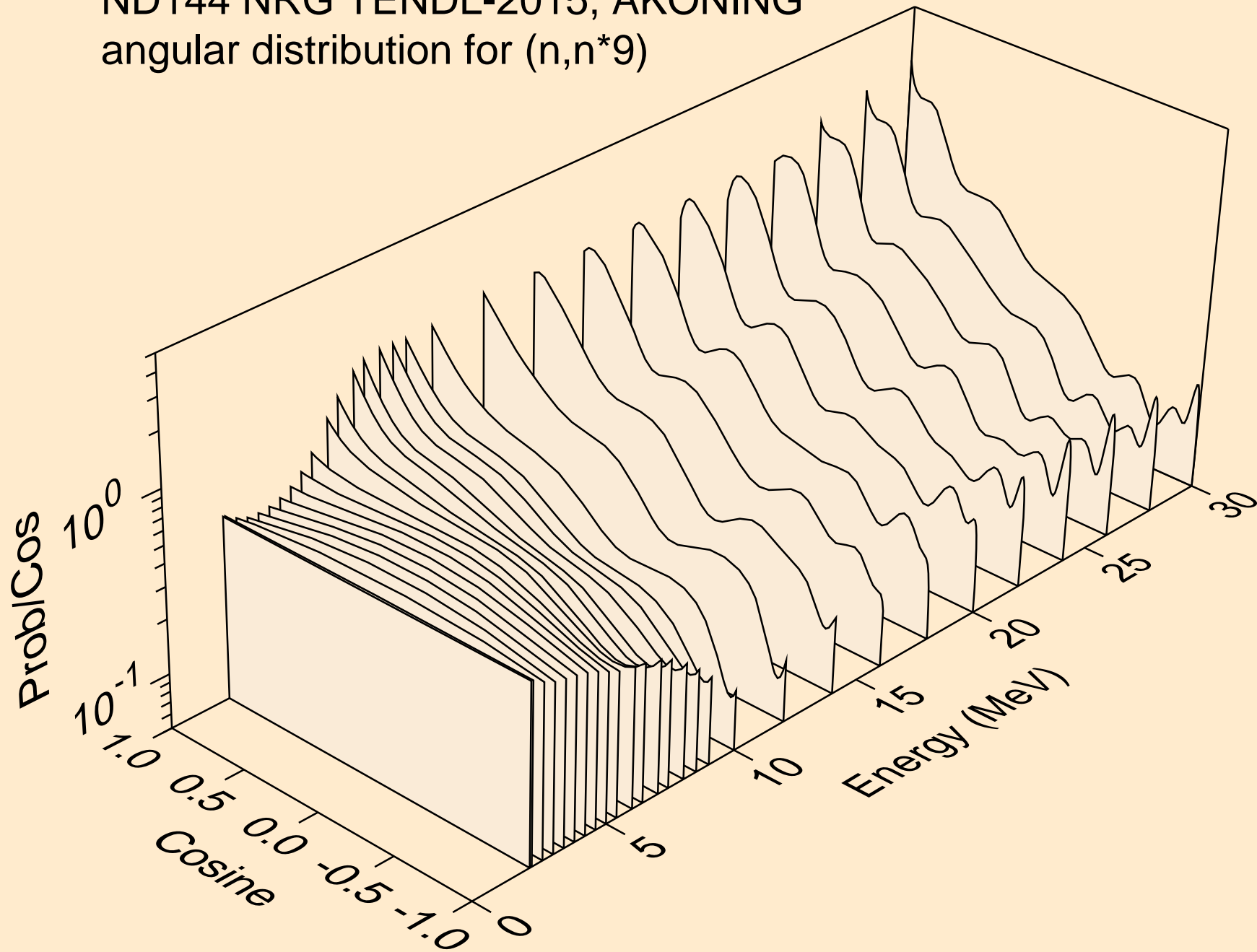
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



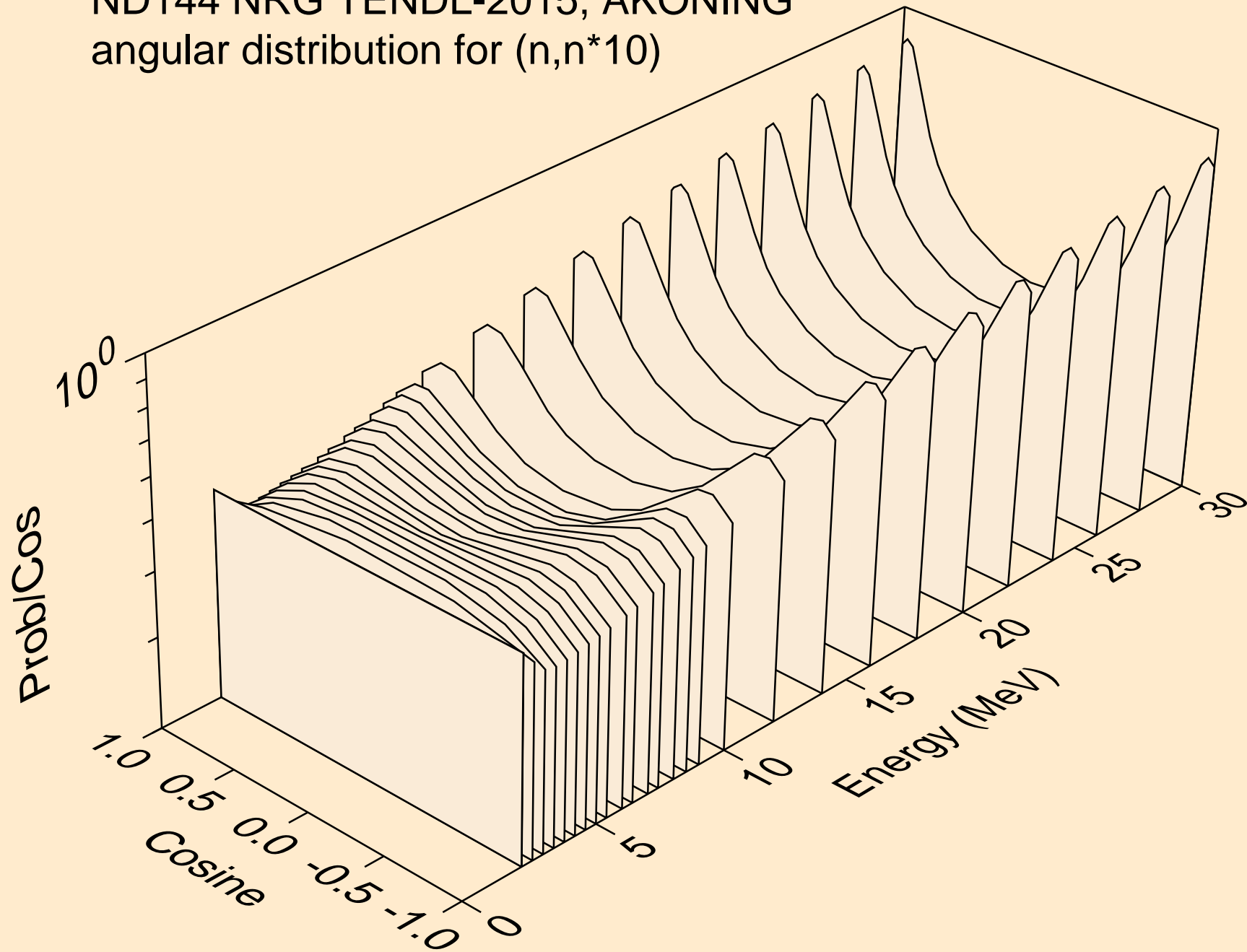
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



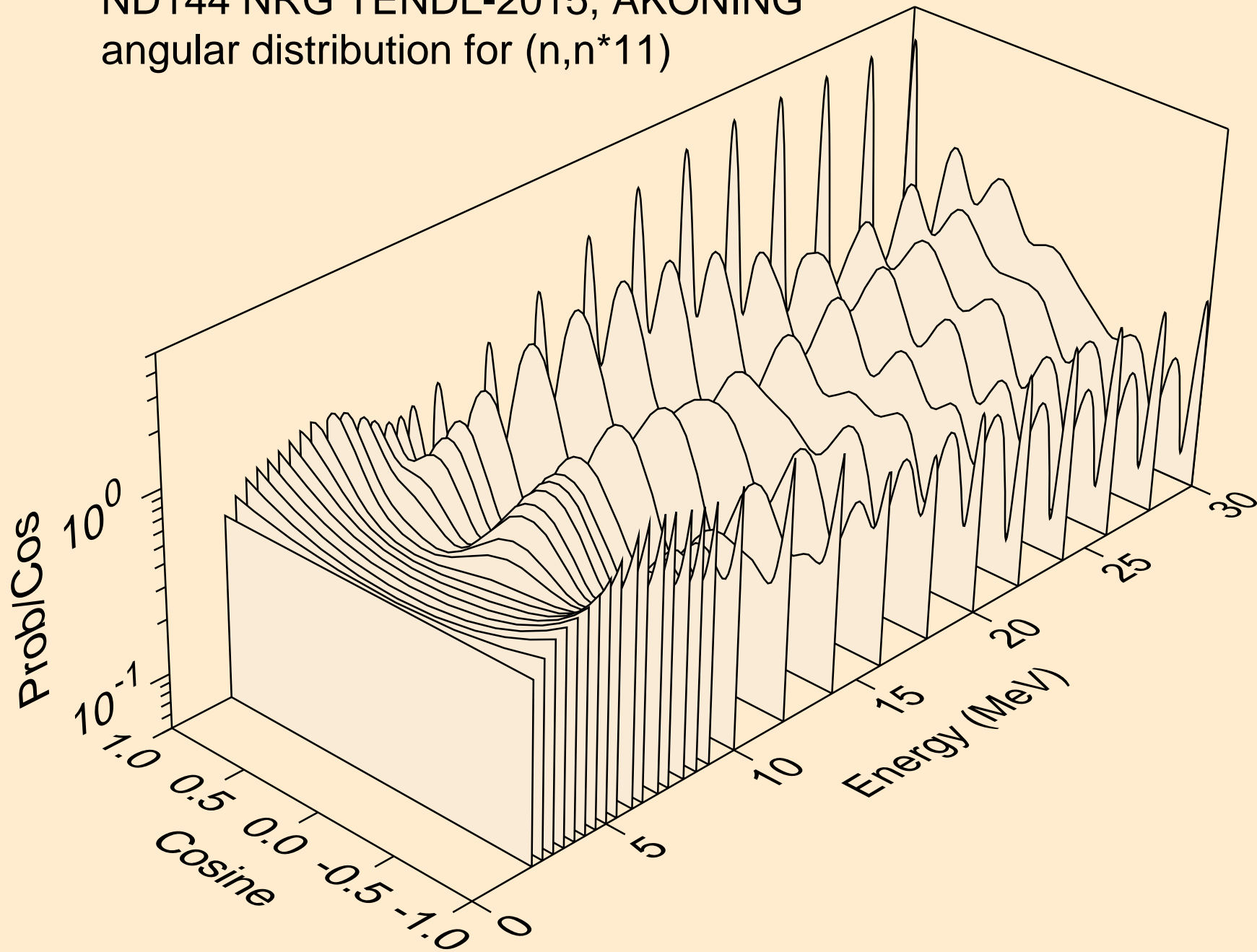
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



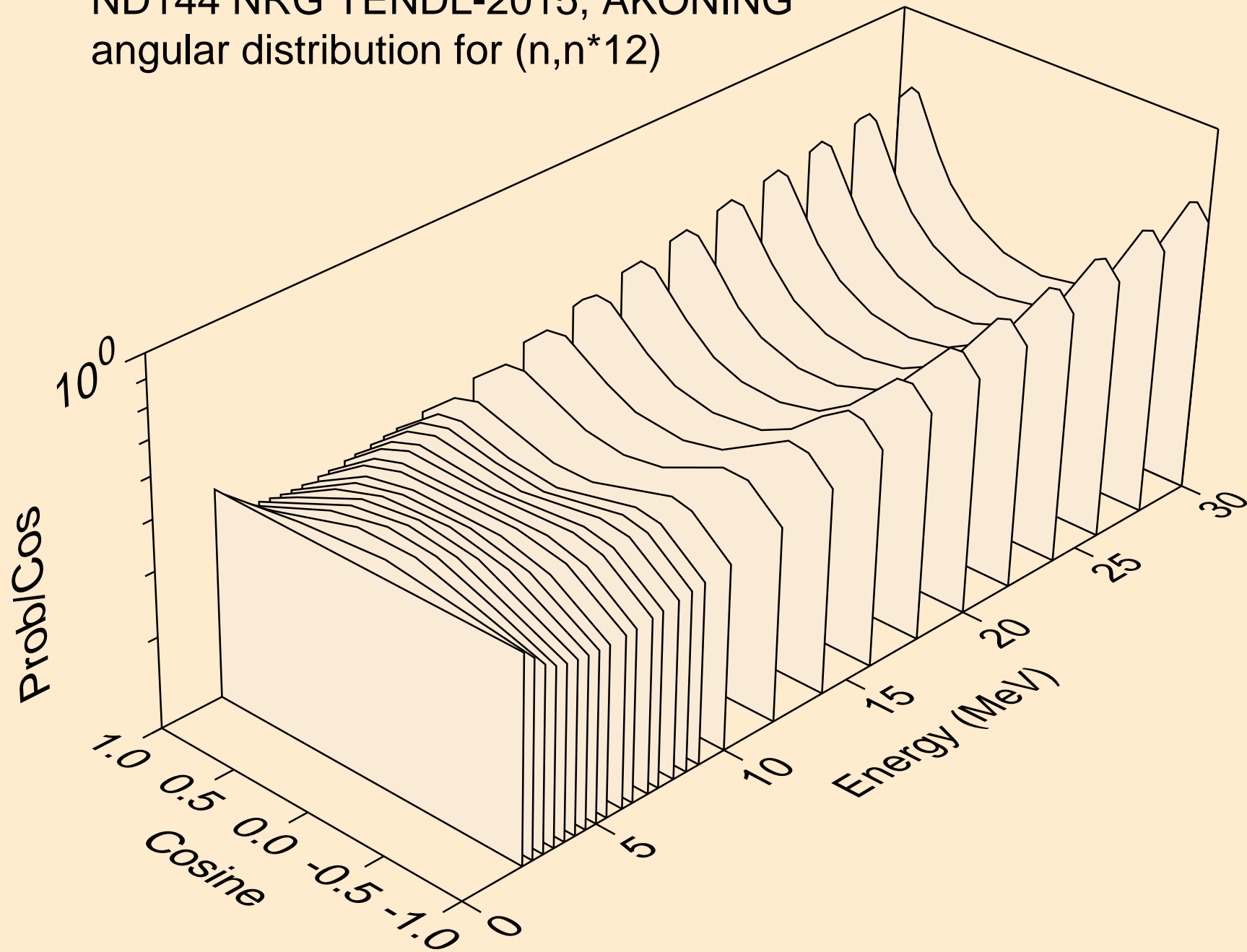
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



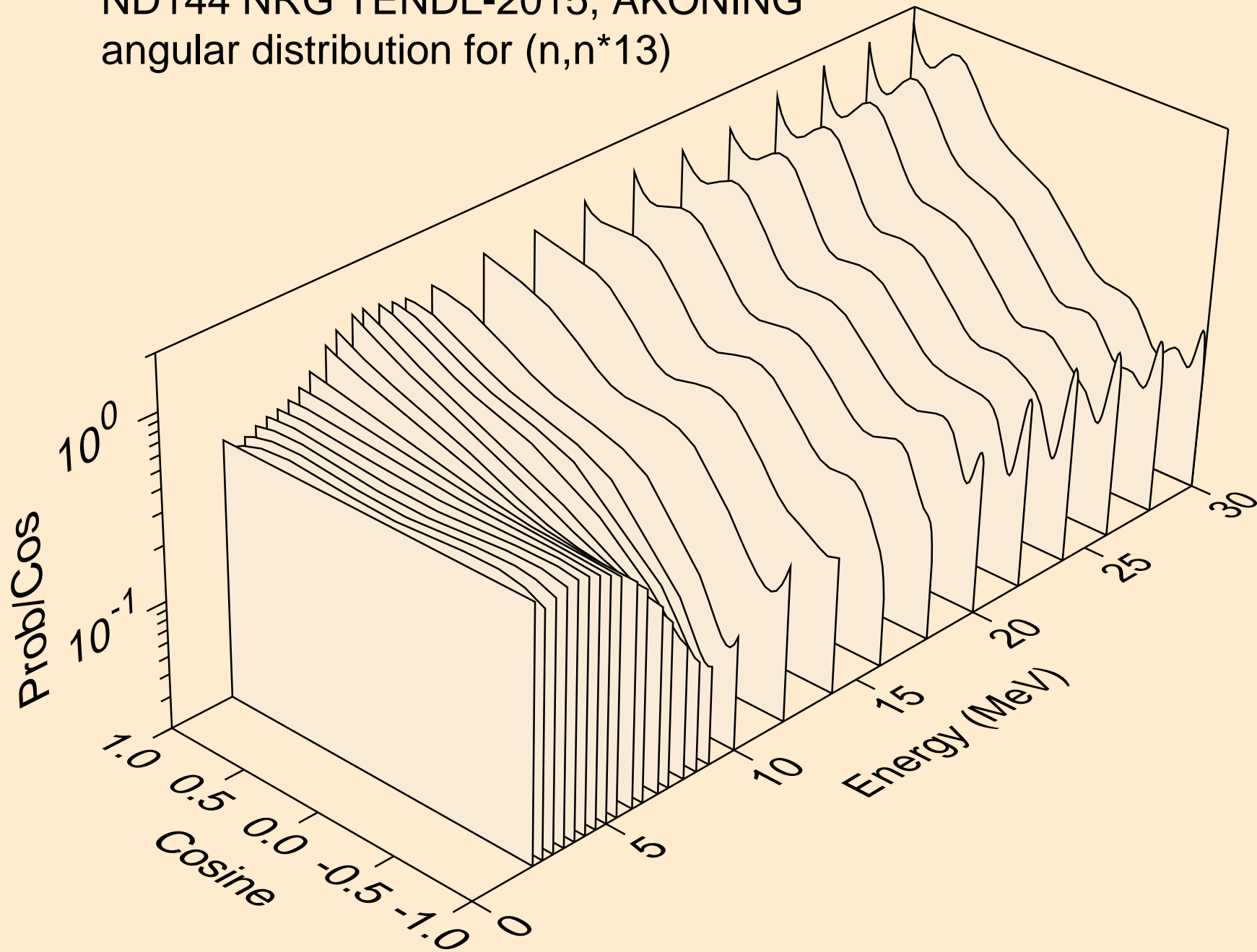
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



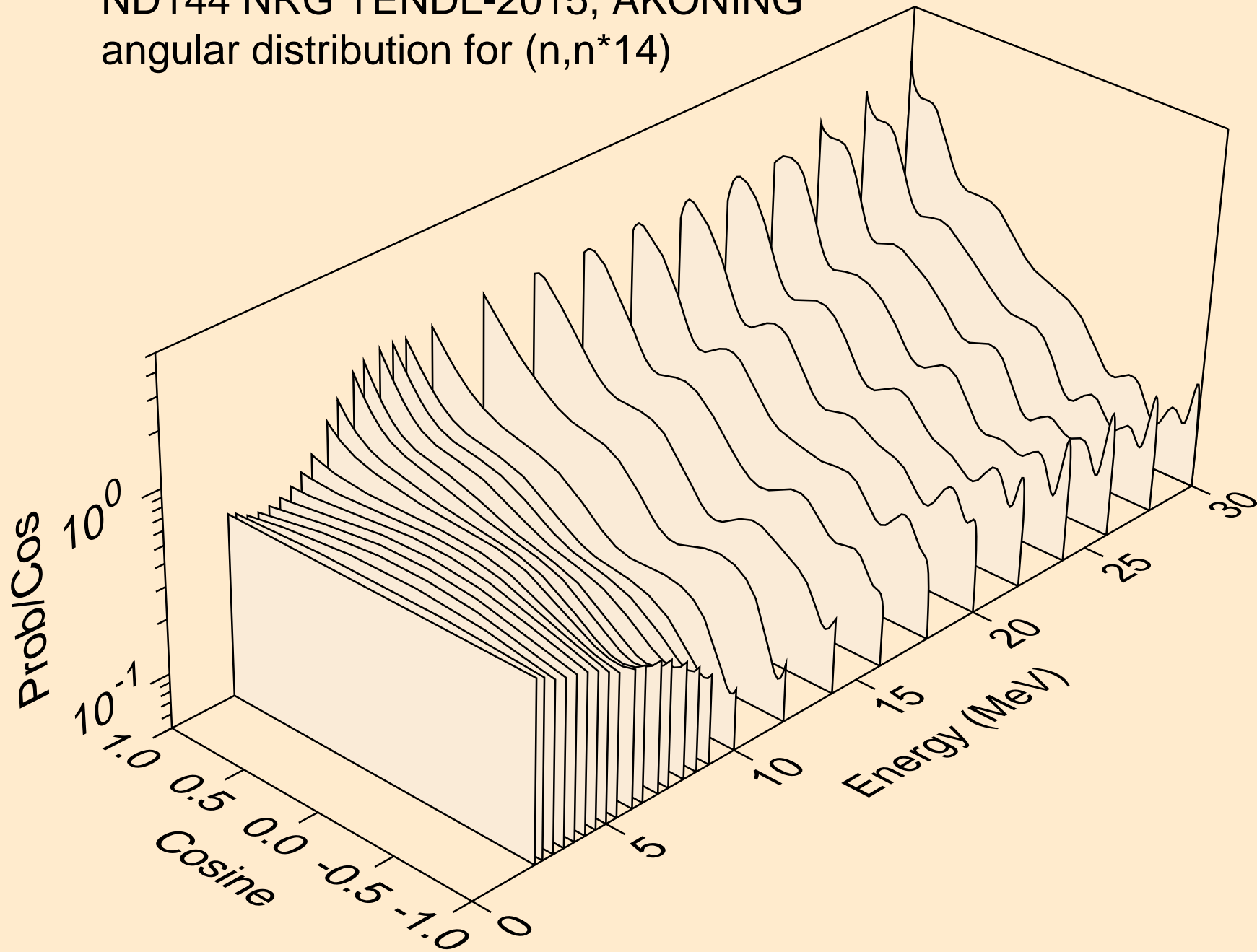
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

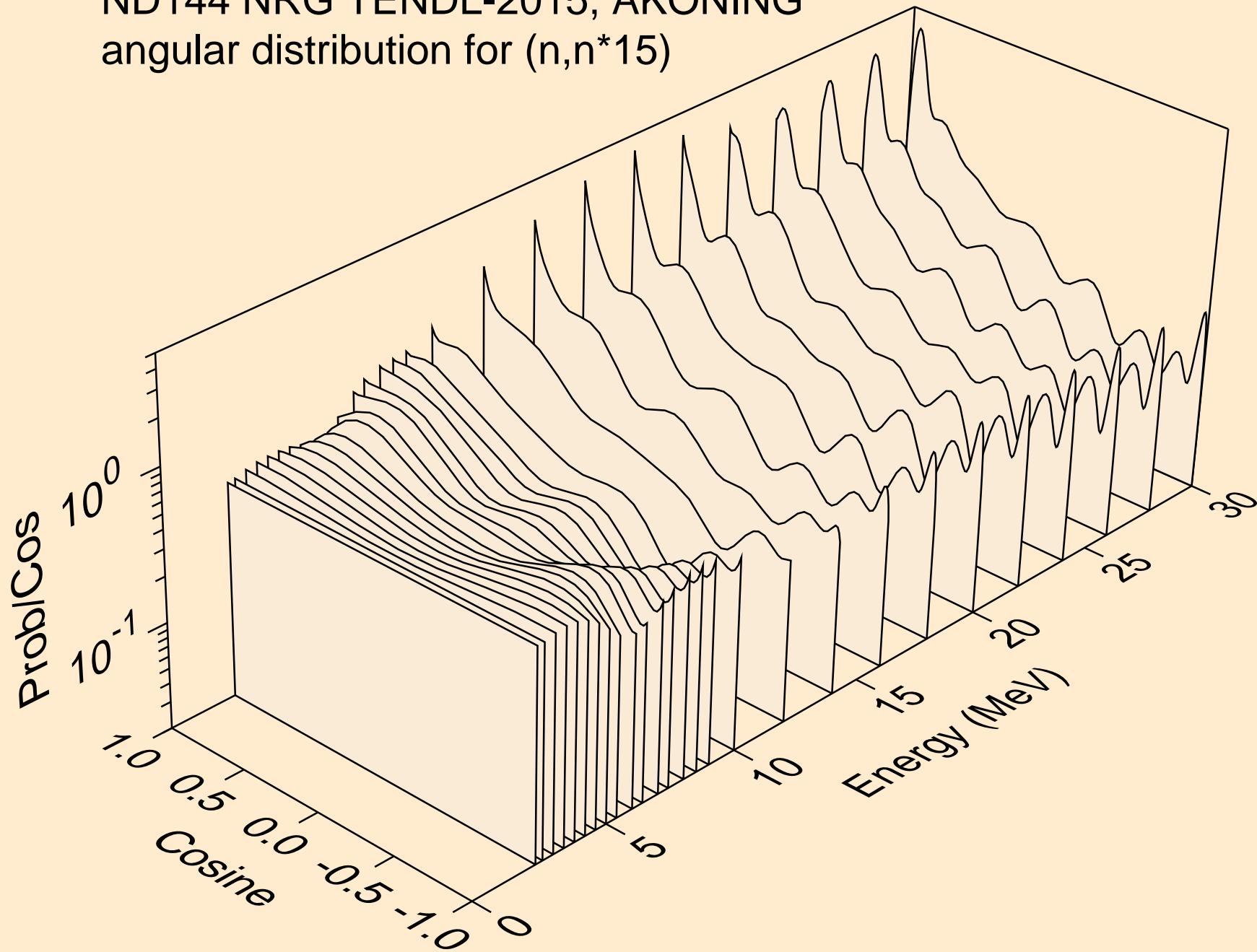


ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

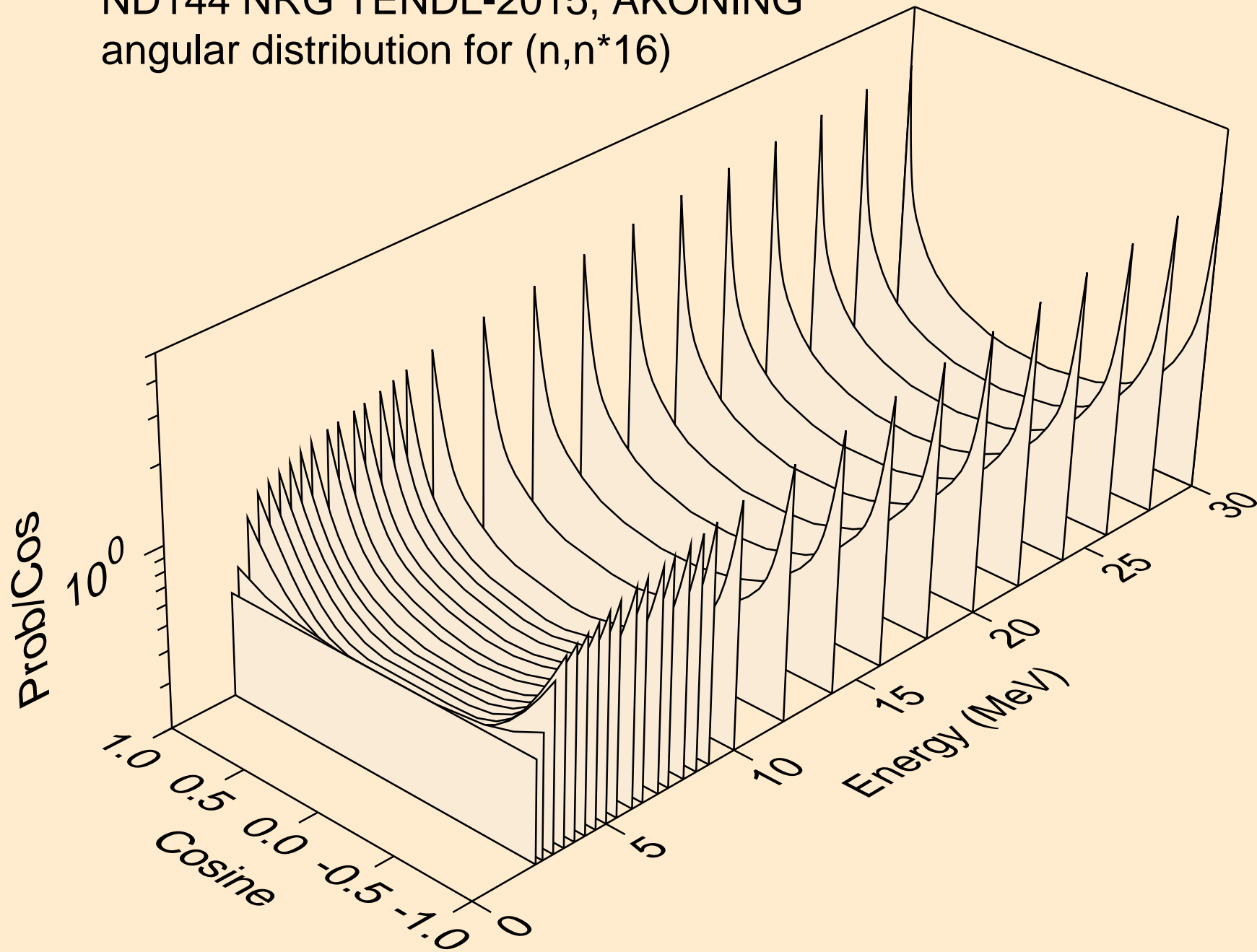




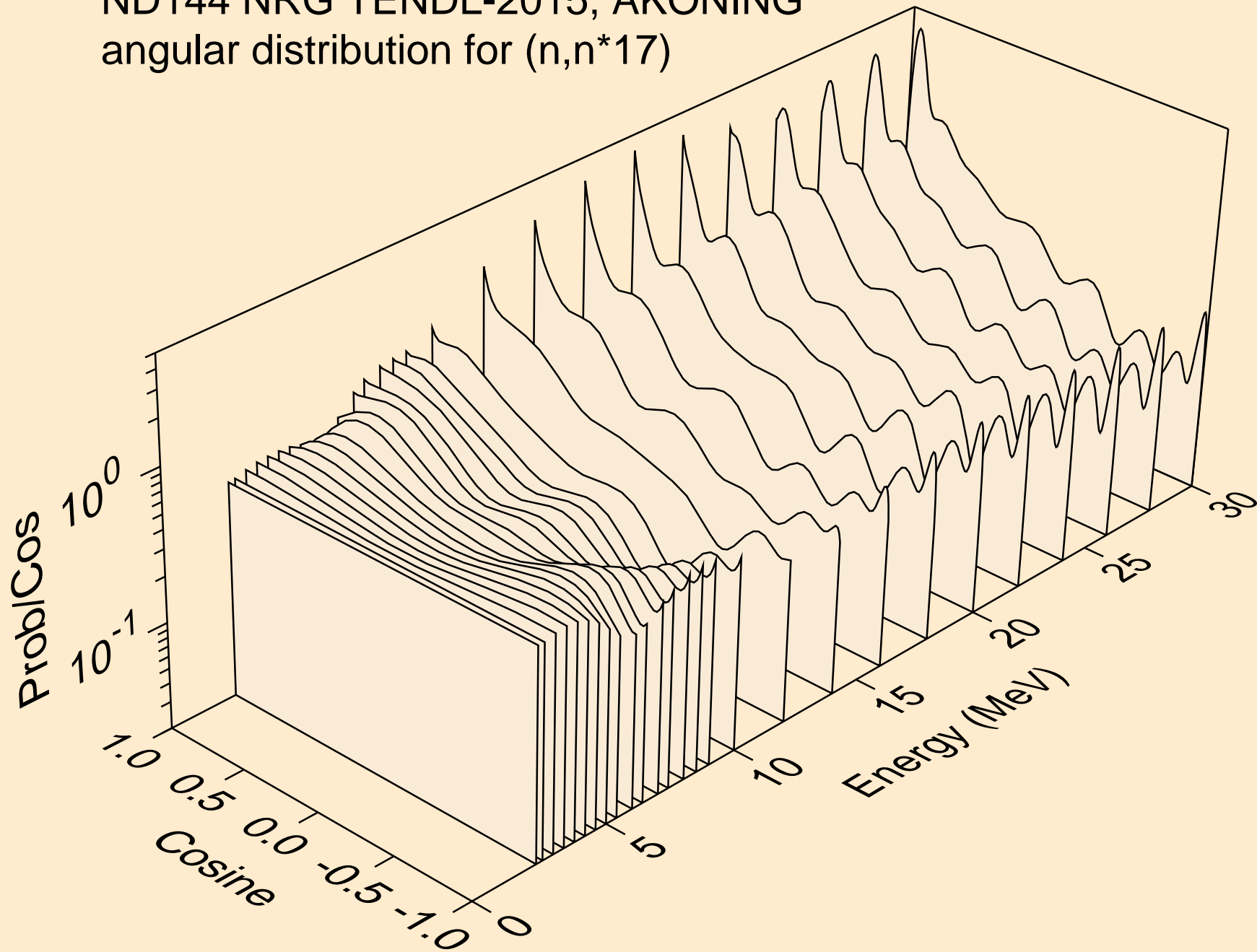
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



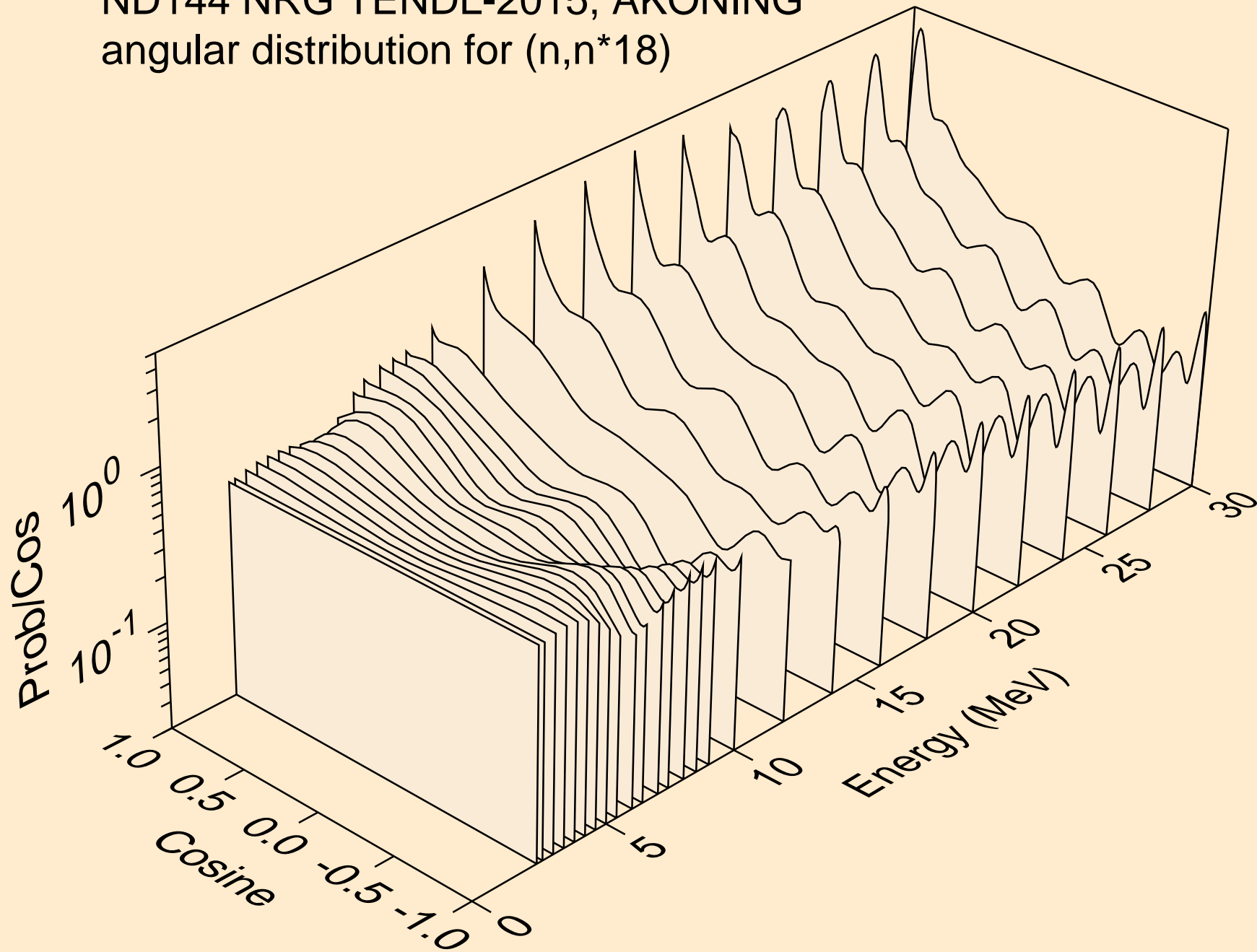
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



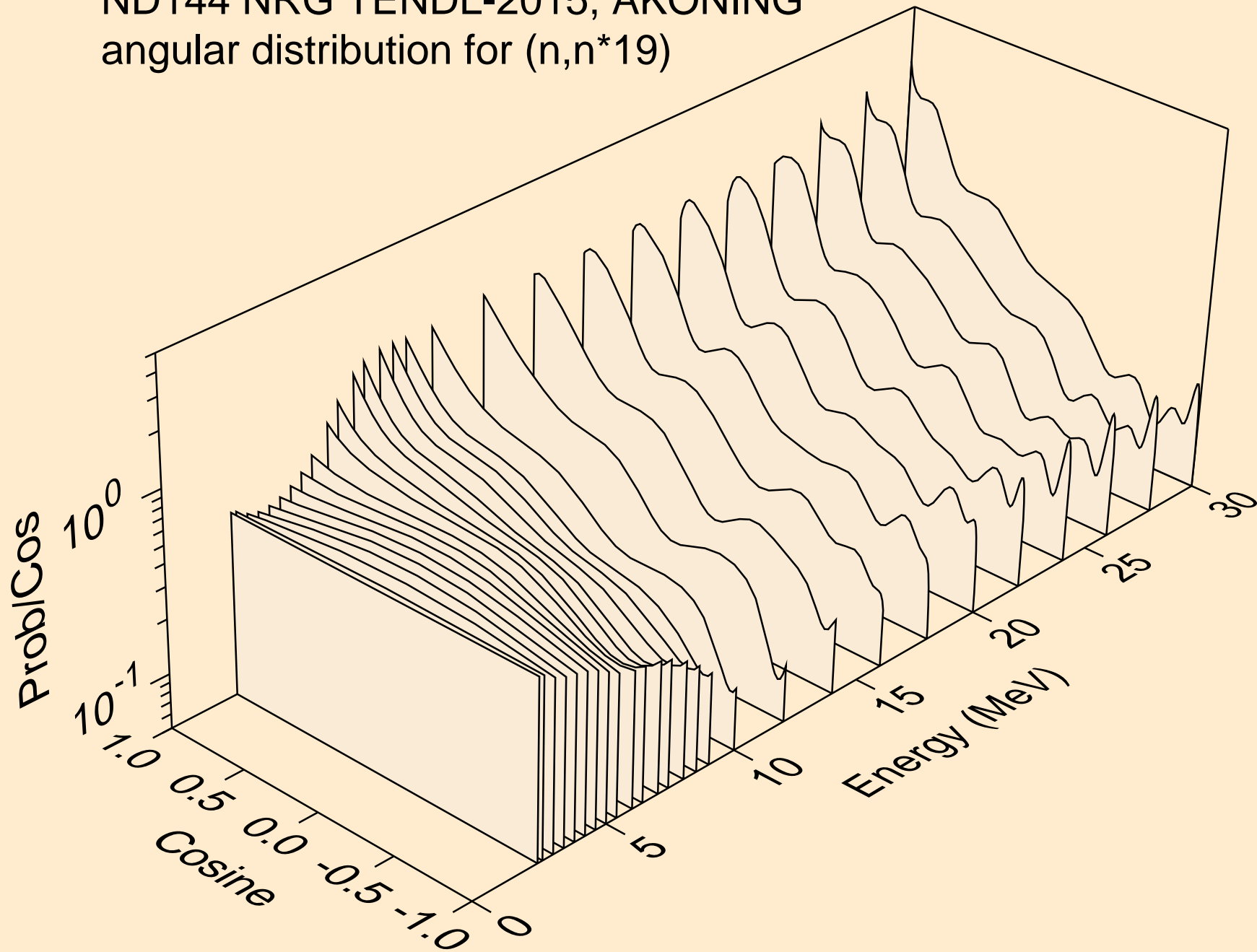
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



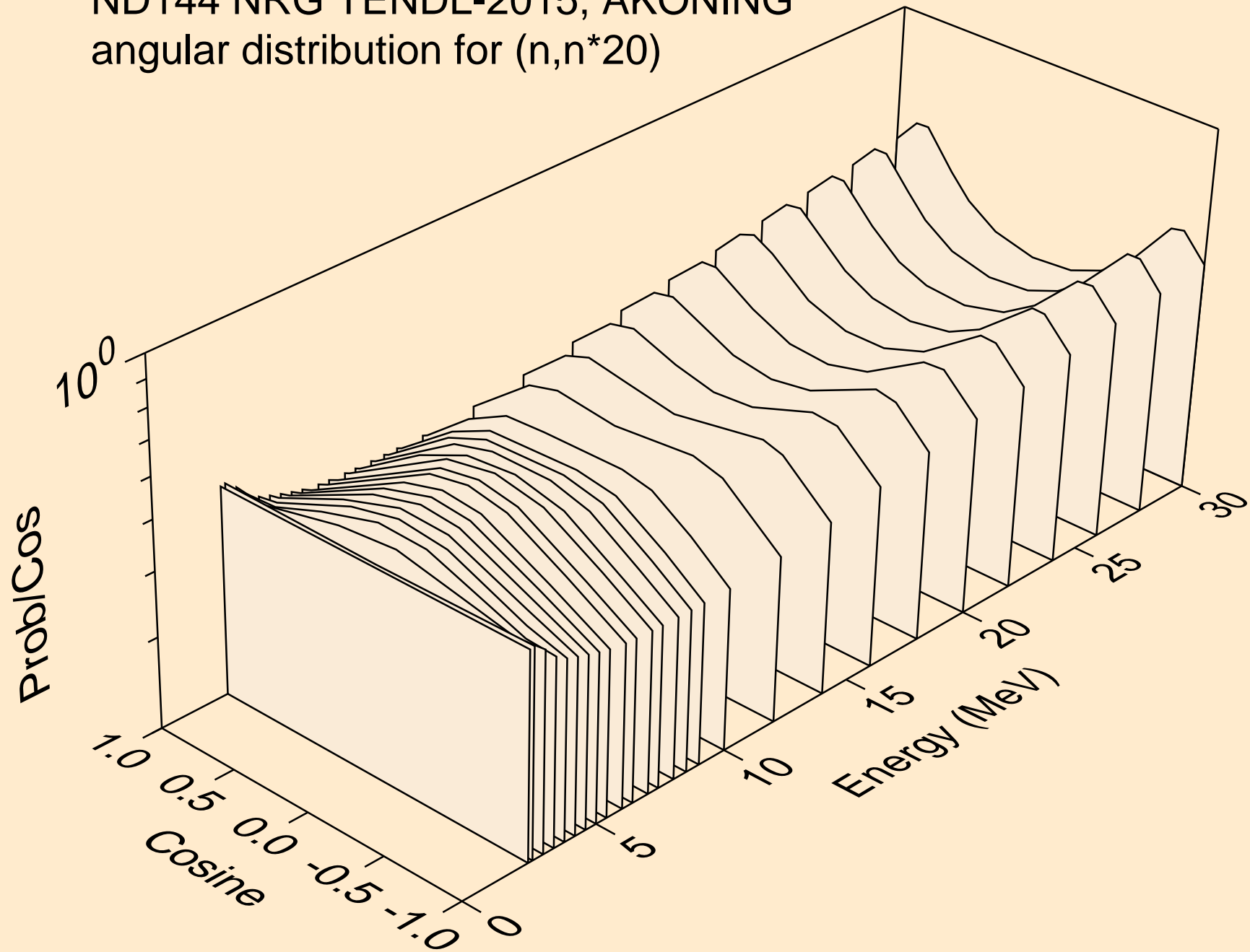
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



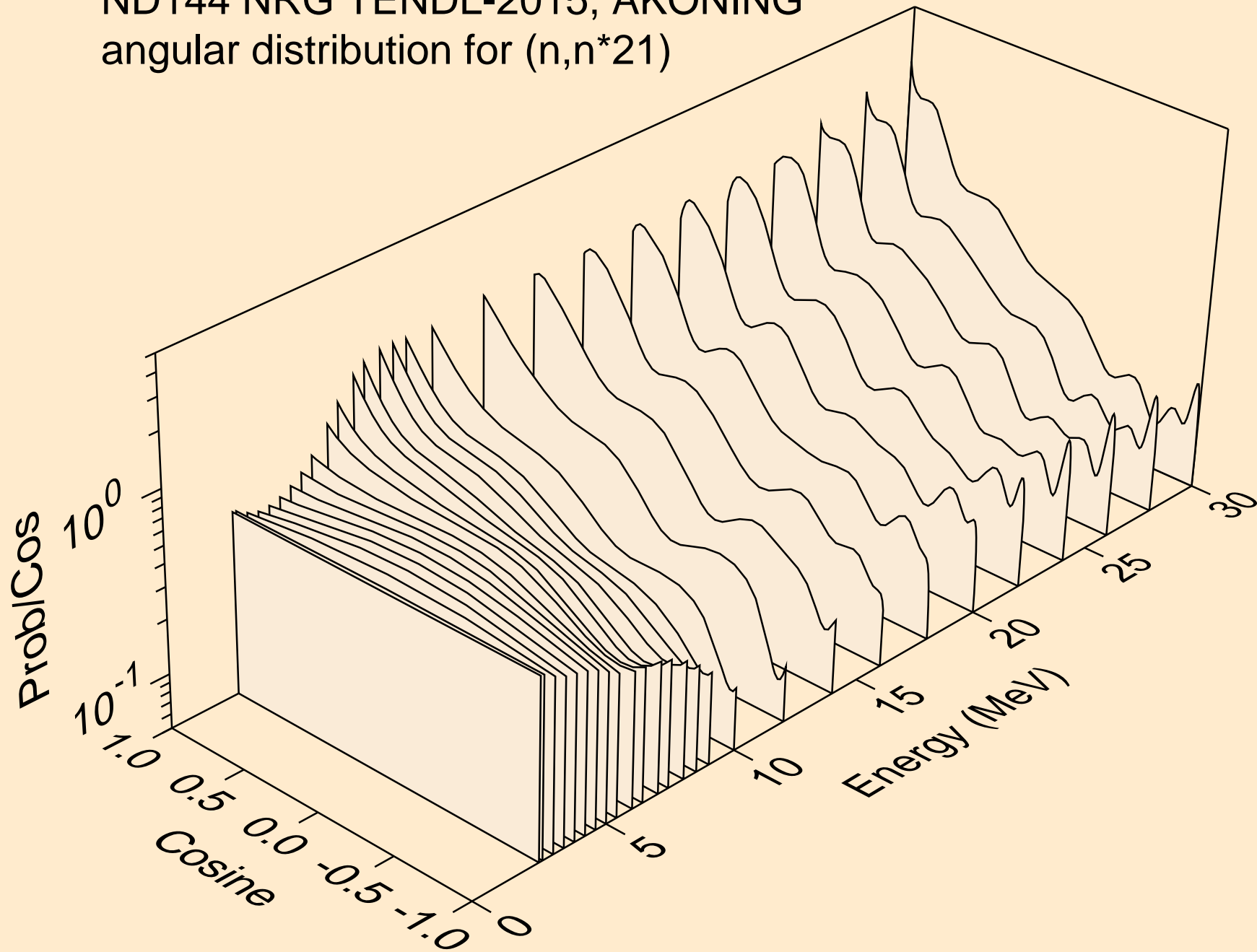
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



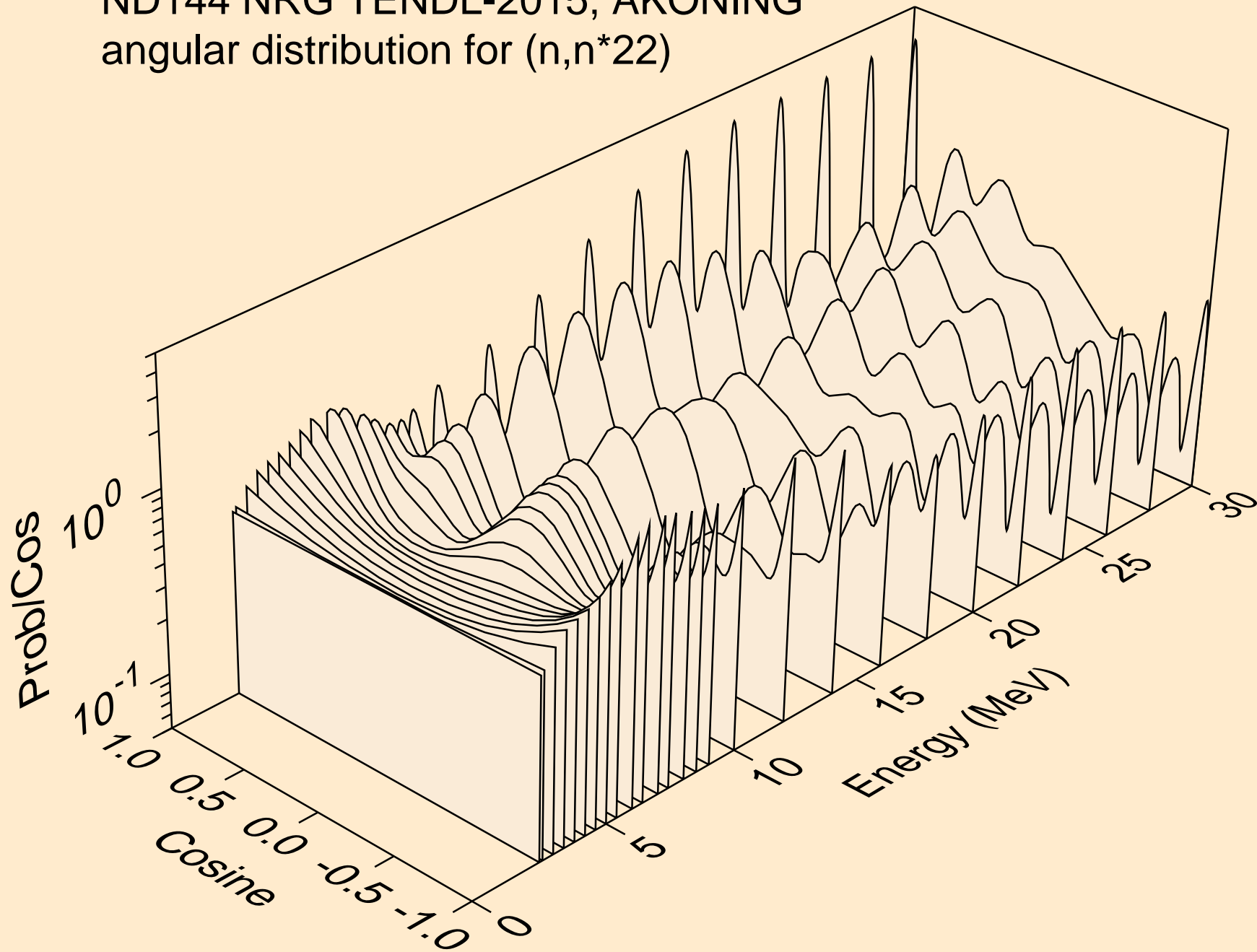
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

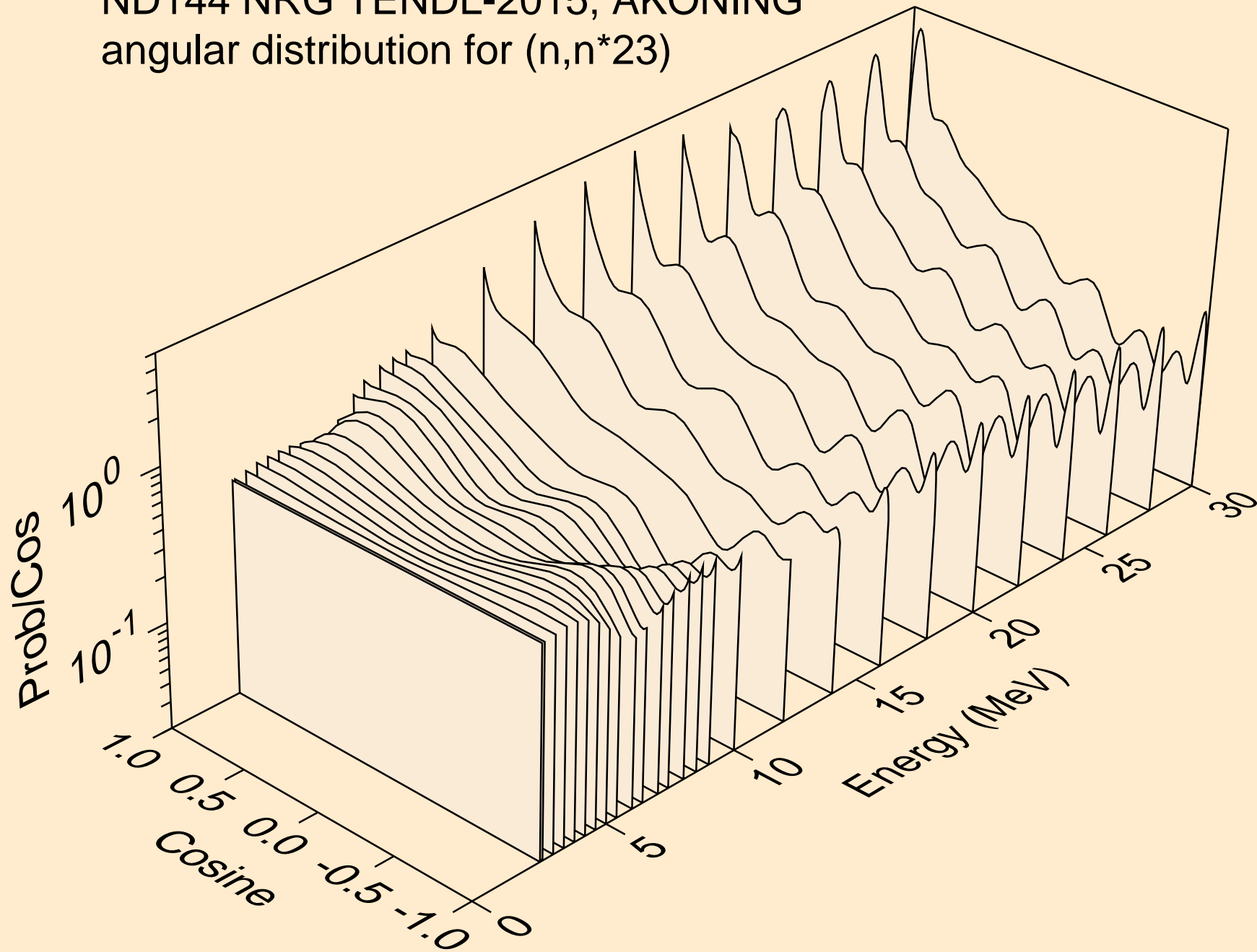


ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

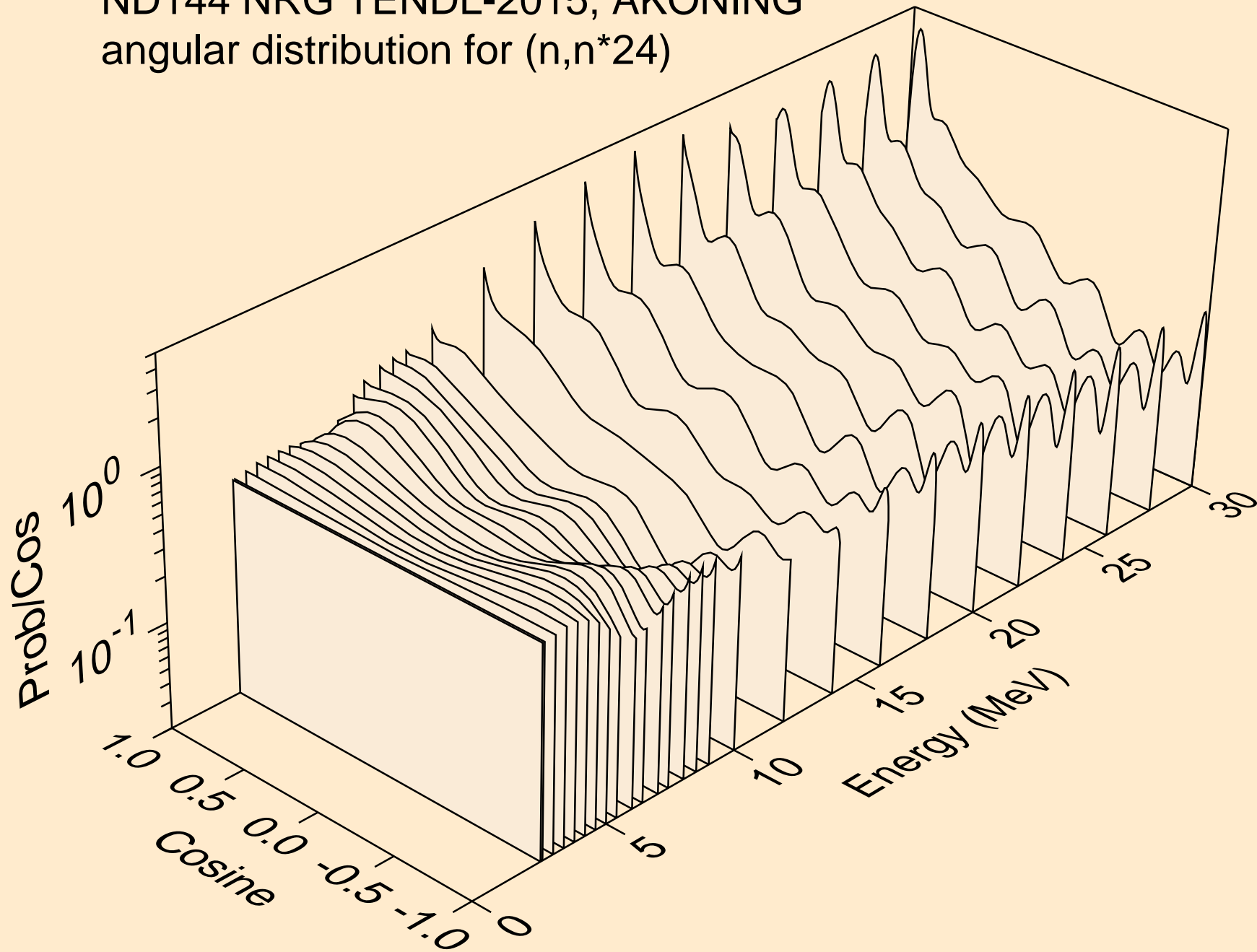




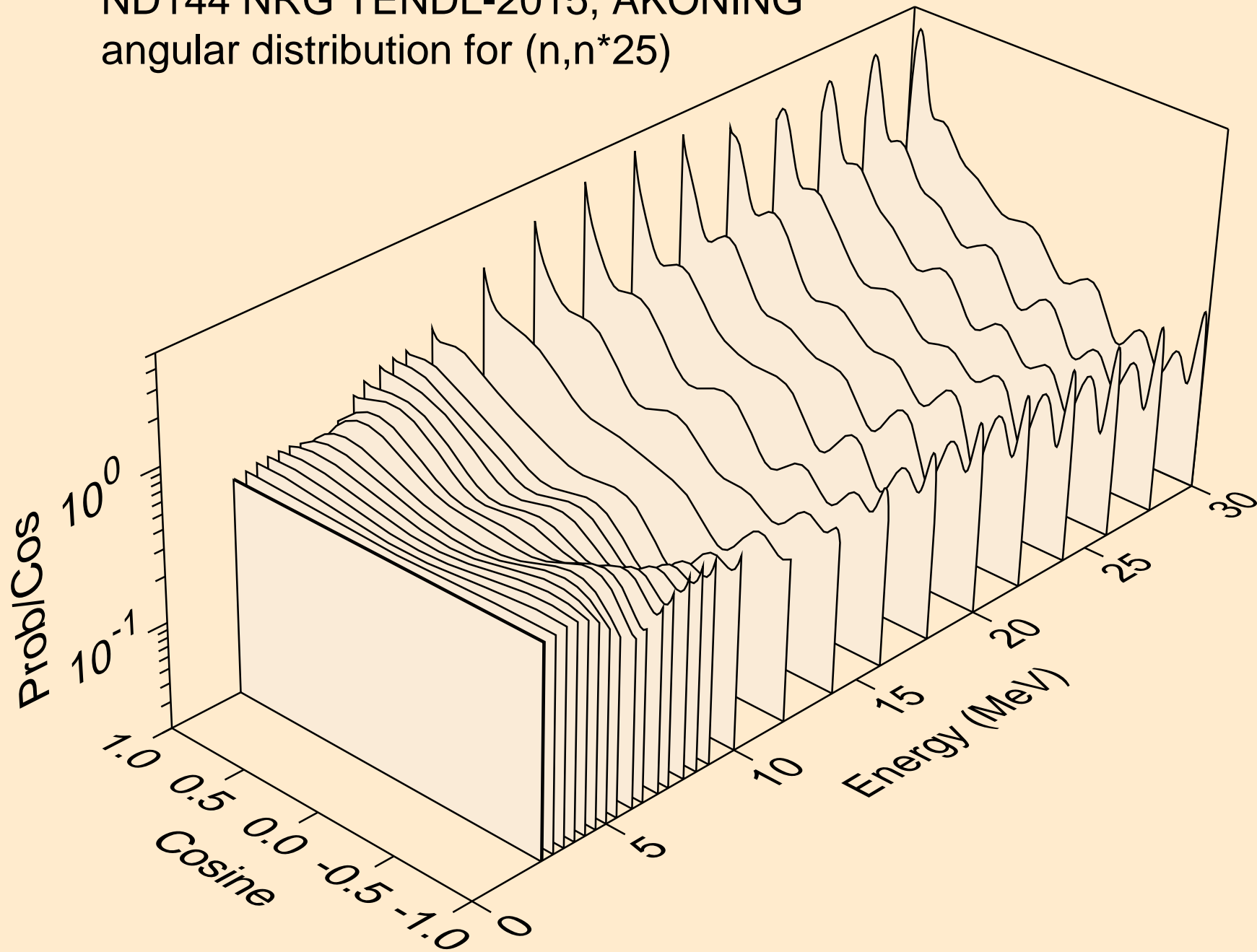
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



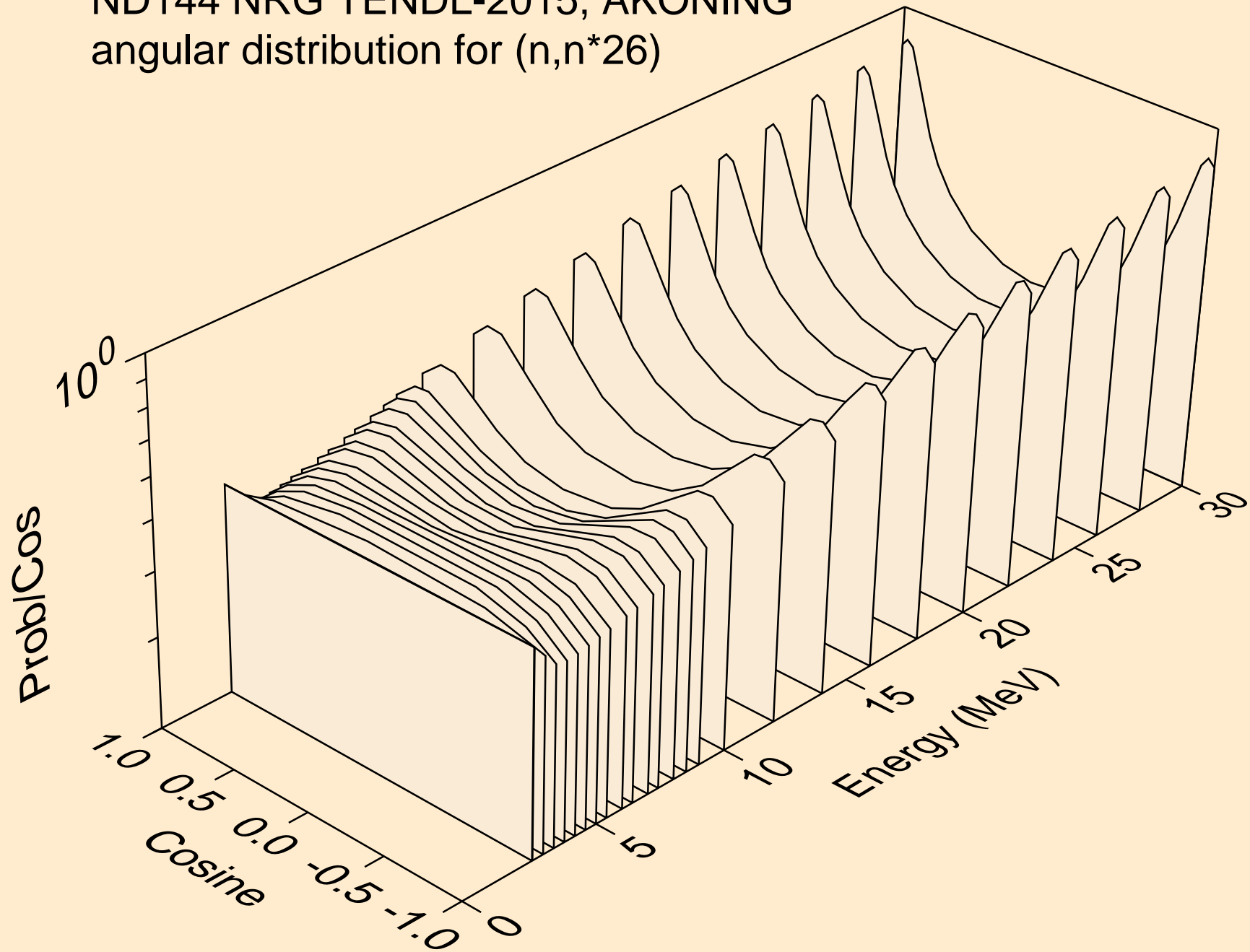
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



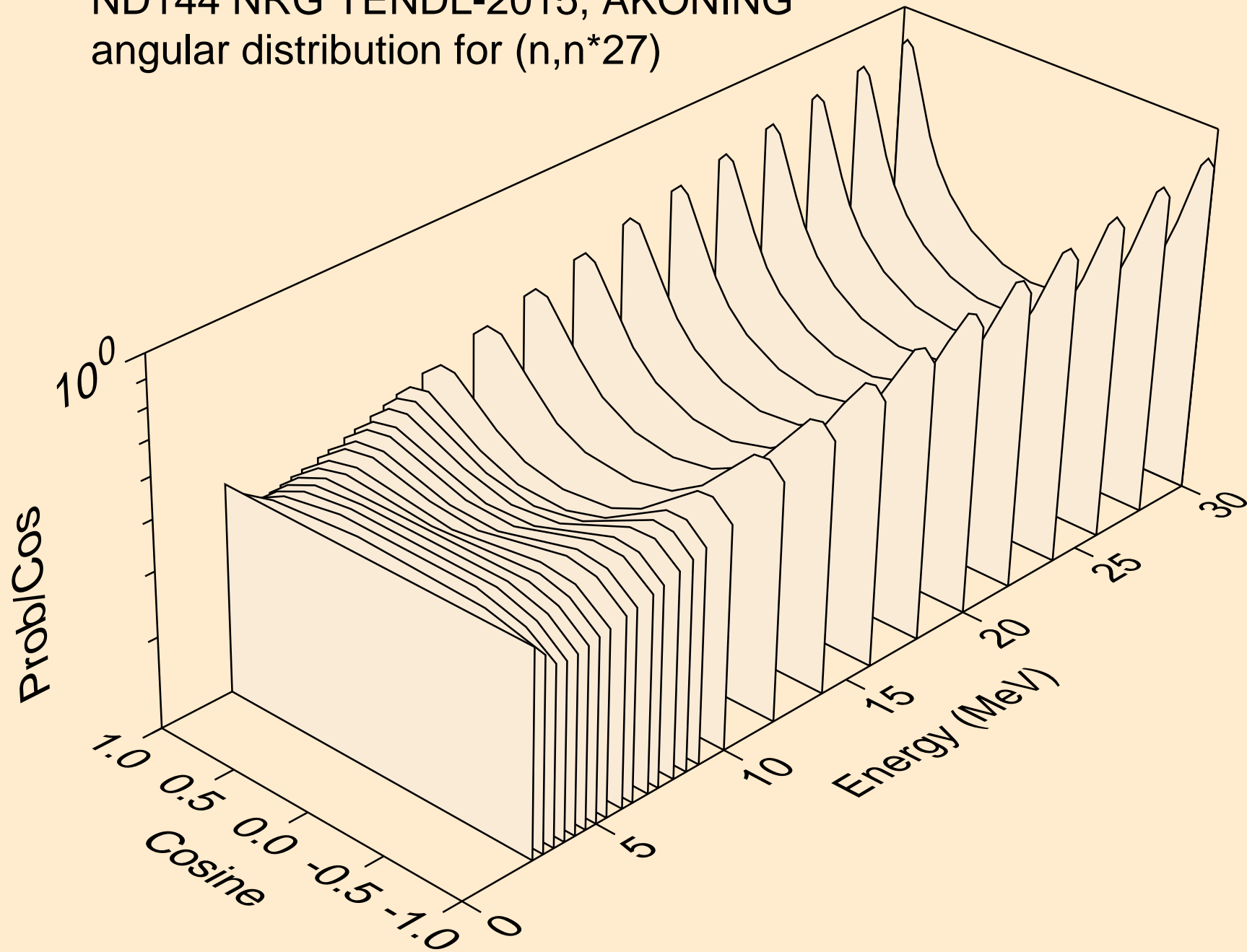
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



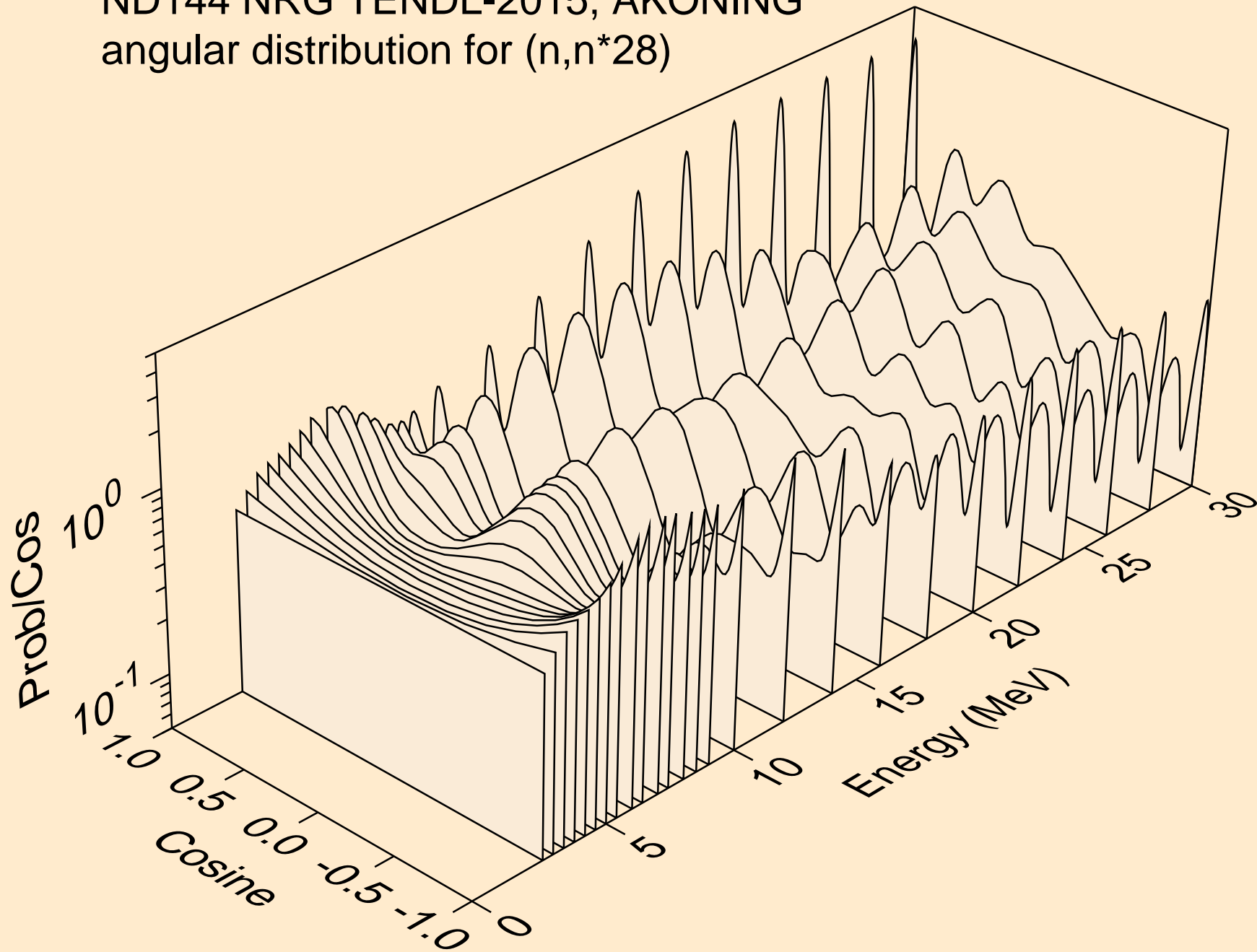
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



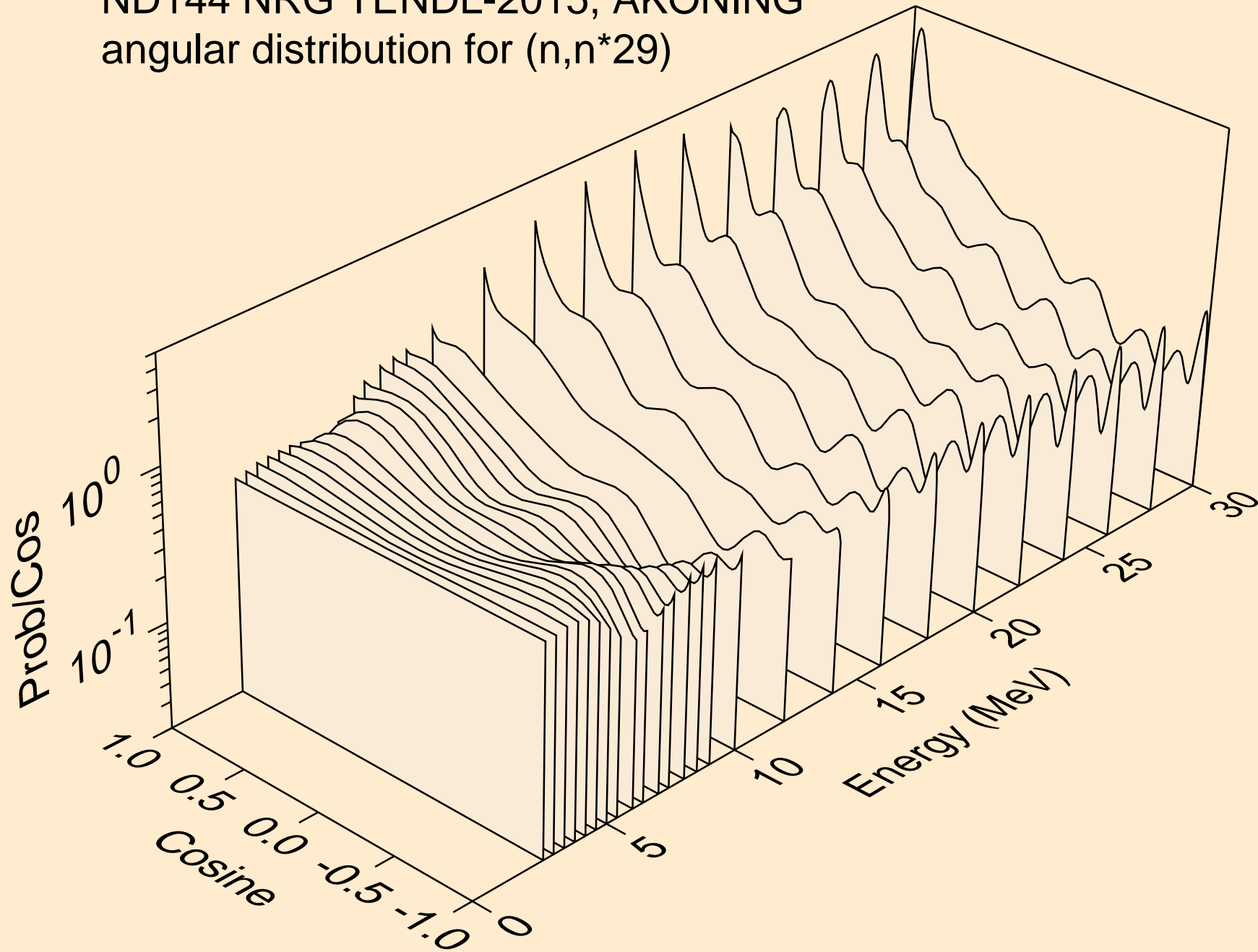
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



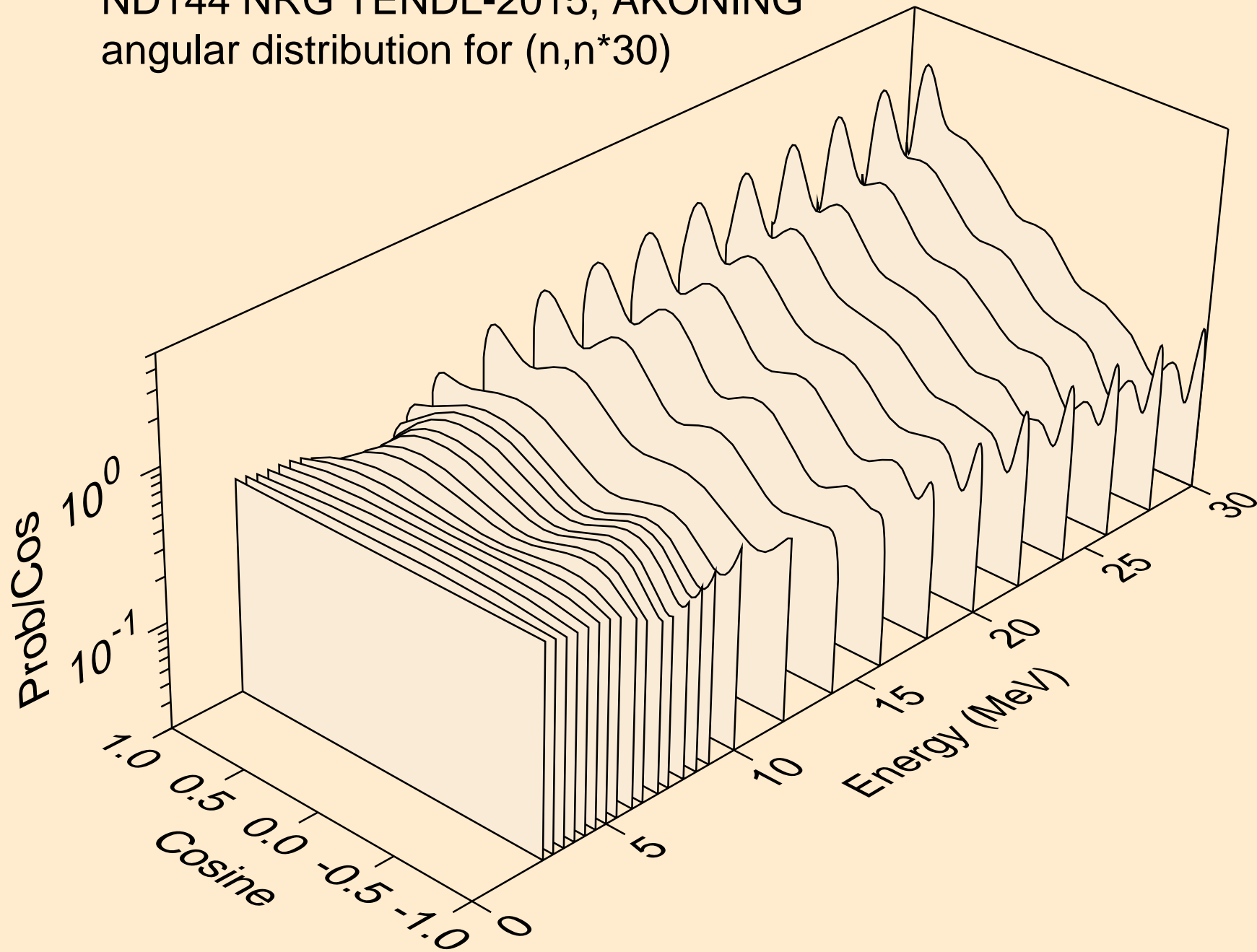
ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

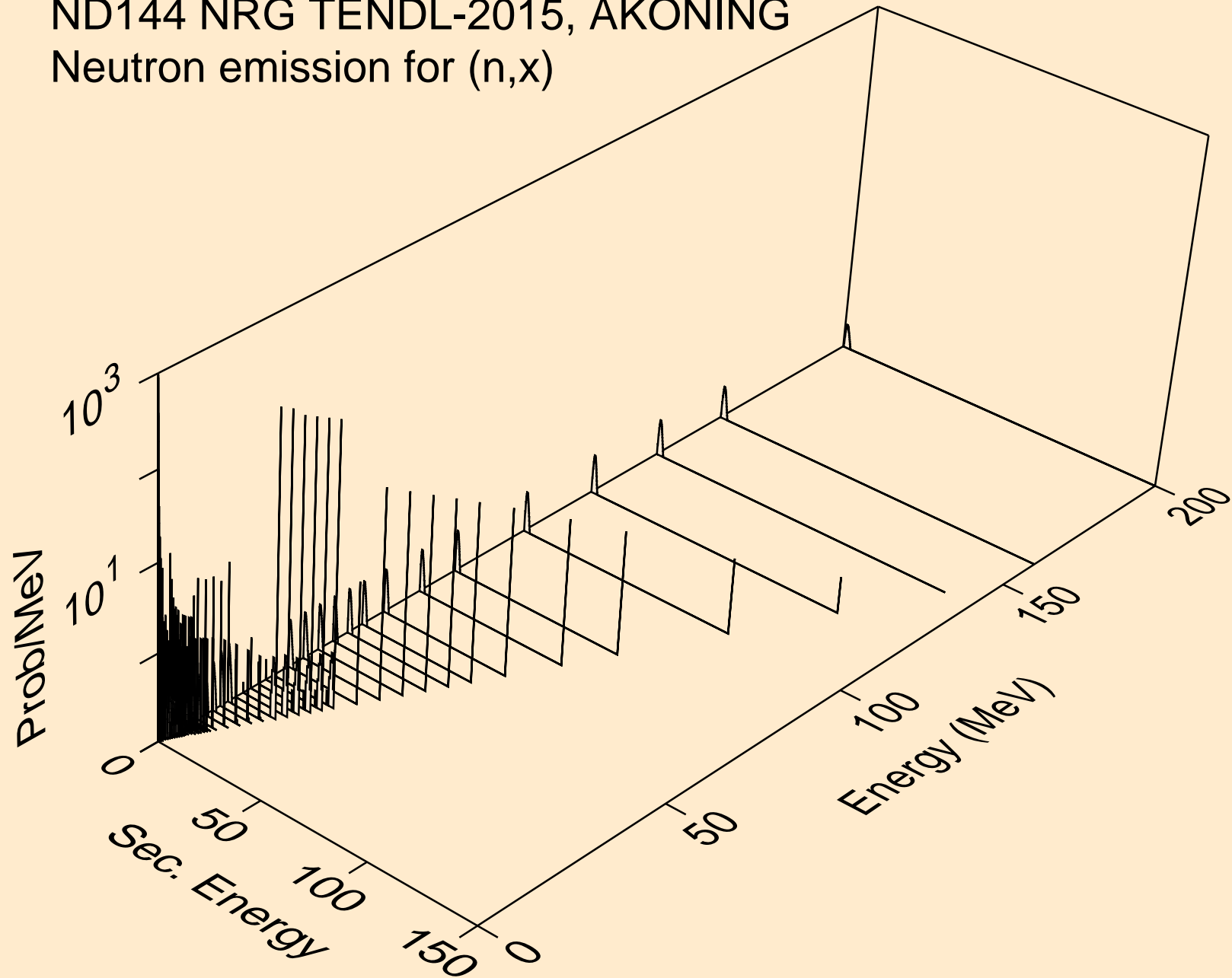


ND144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

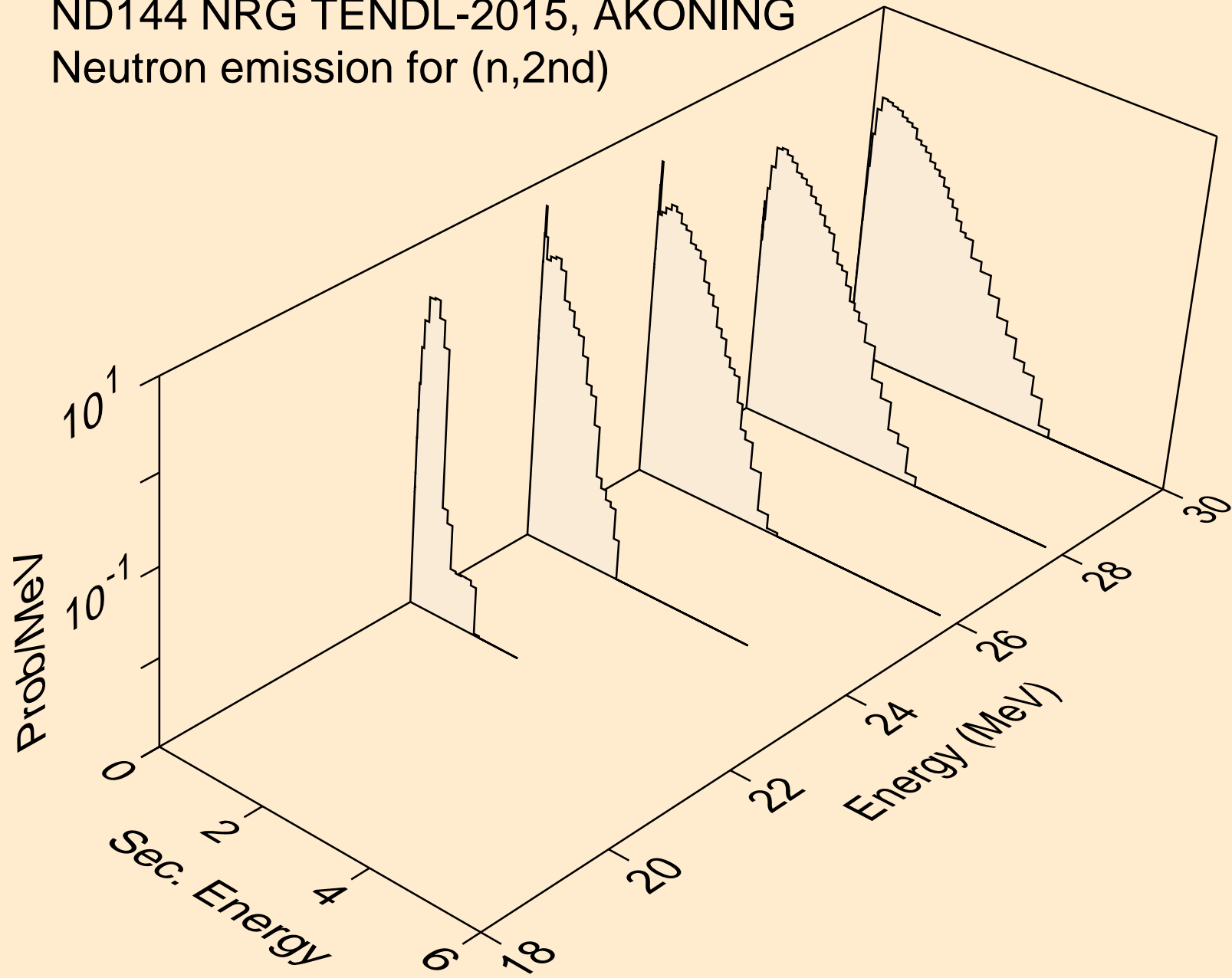




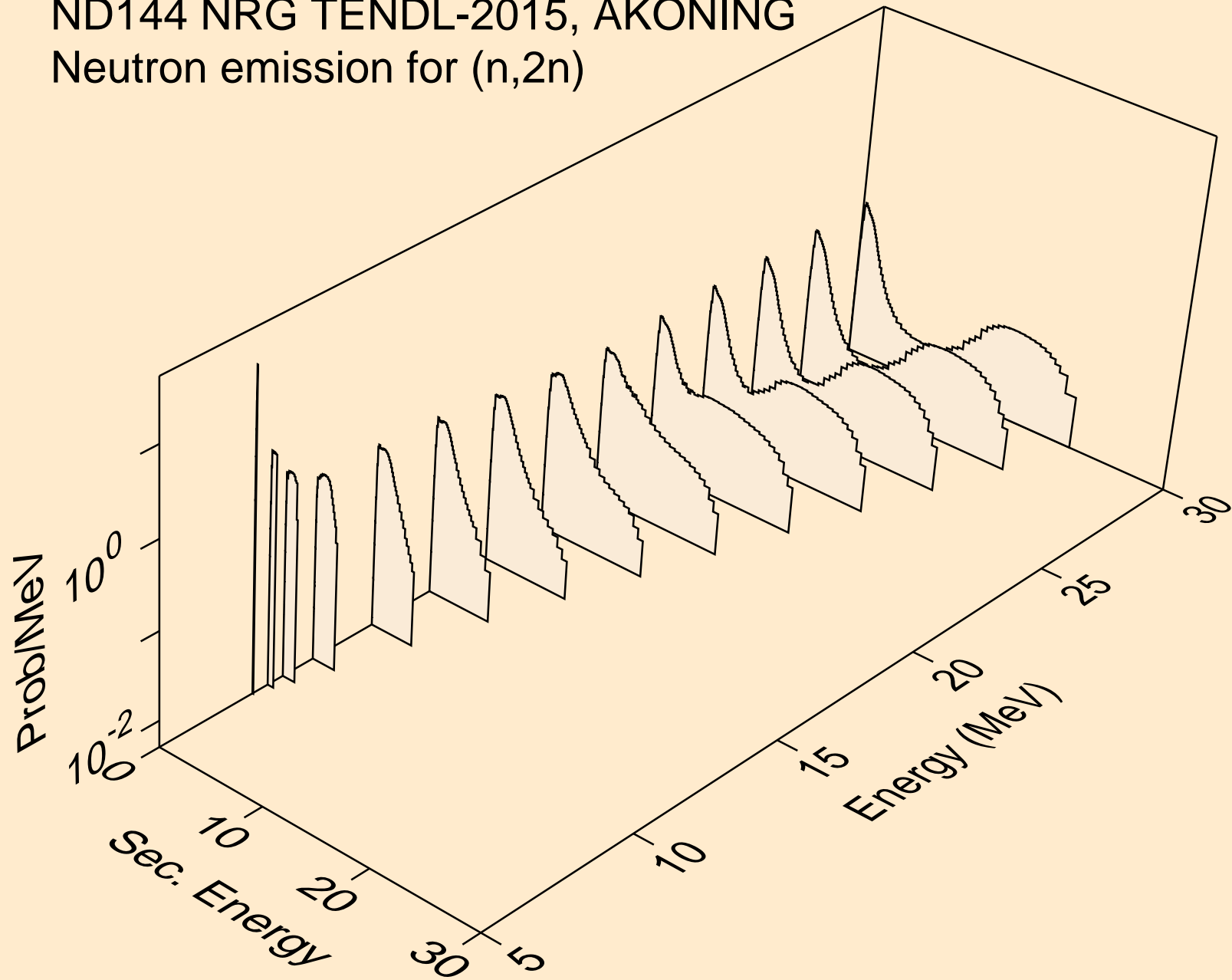
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



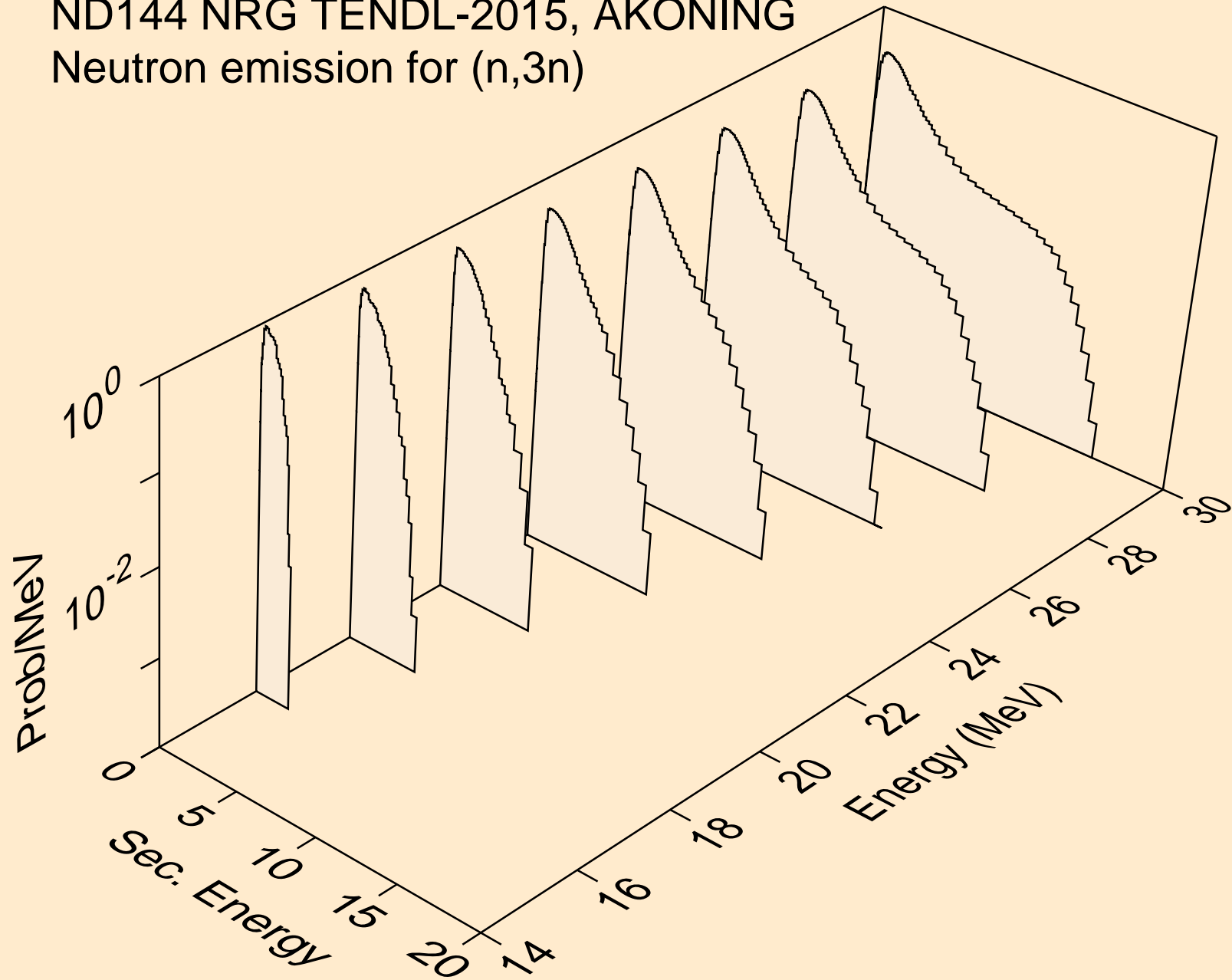
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



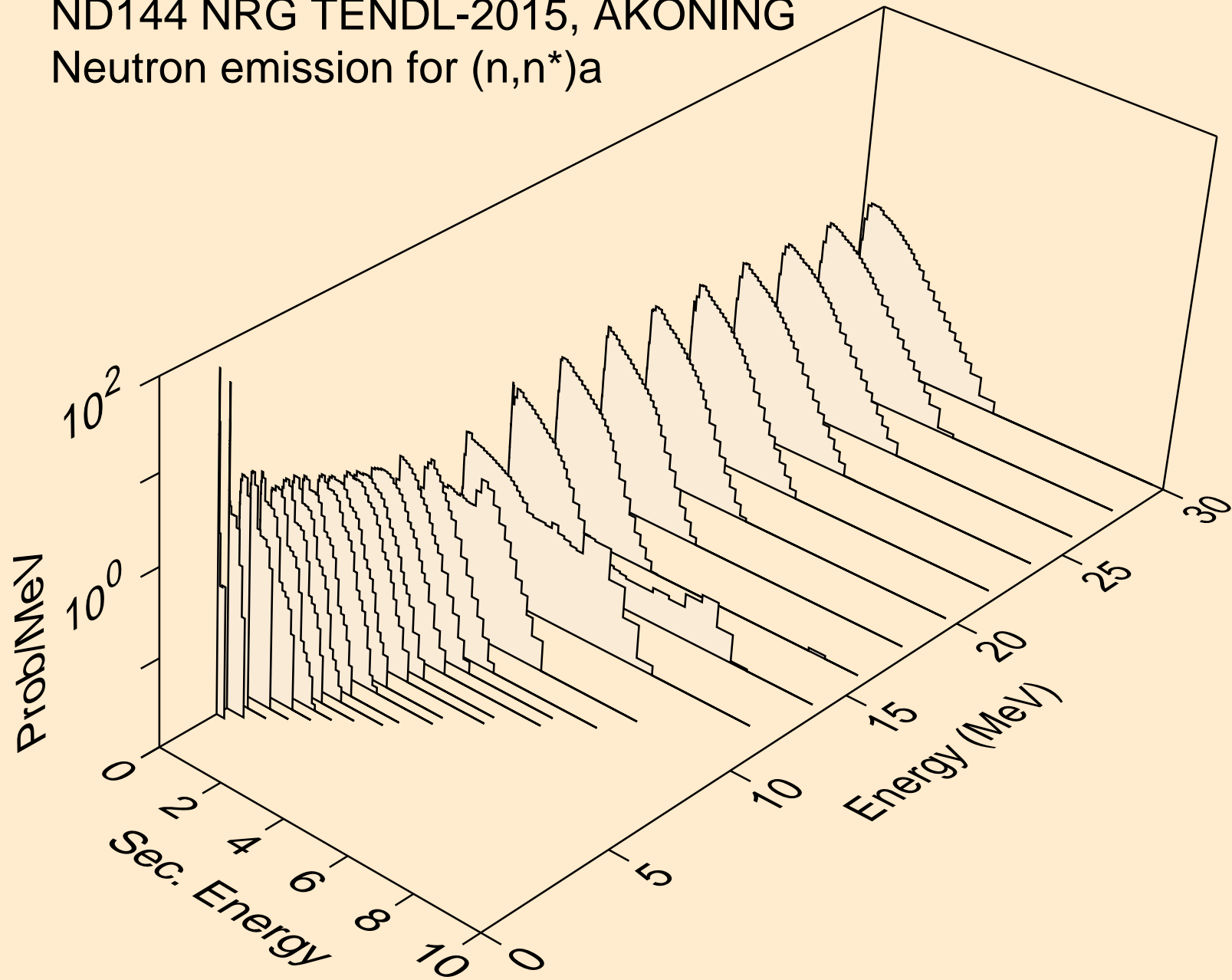
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



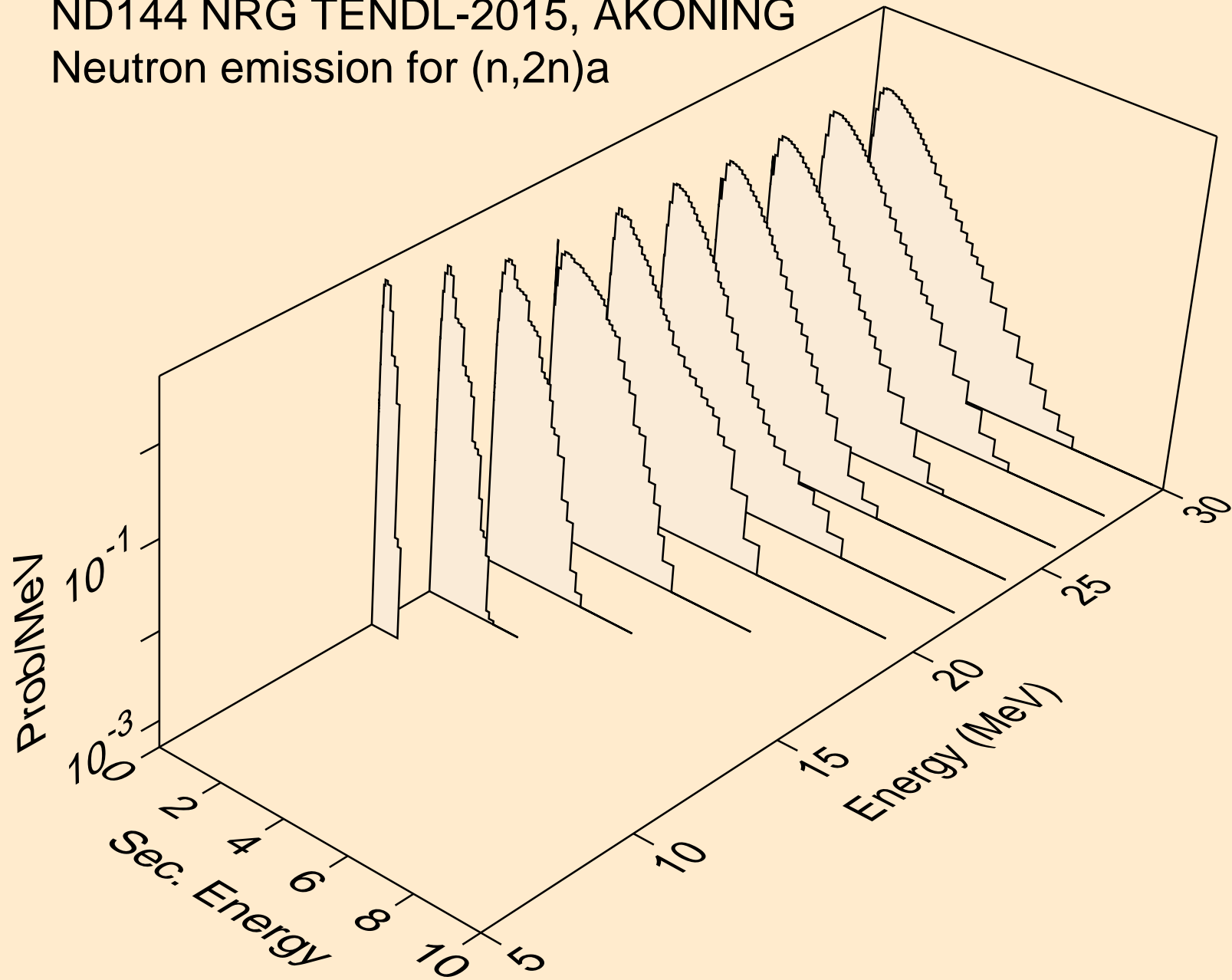
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



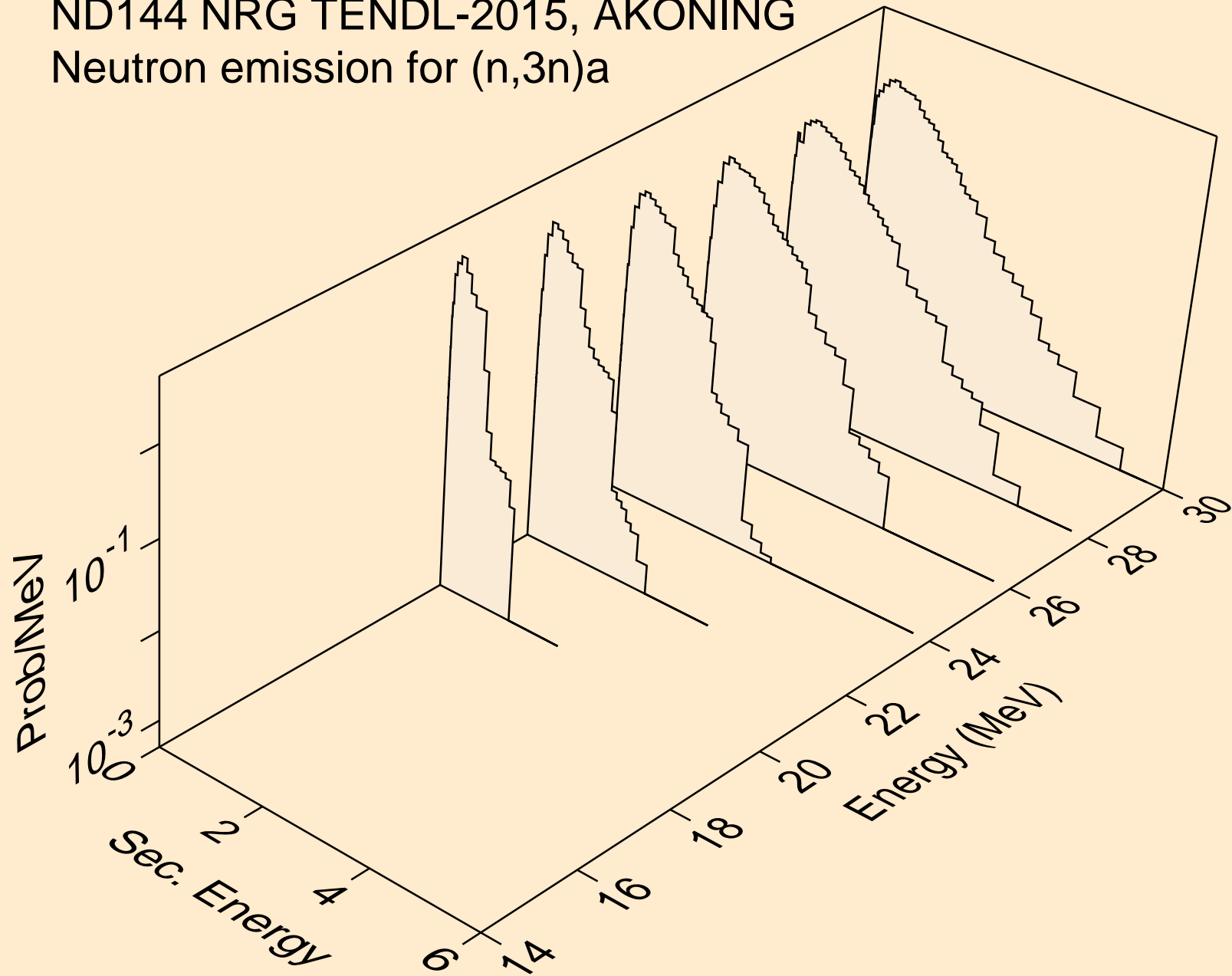
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



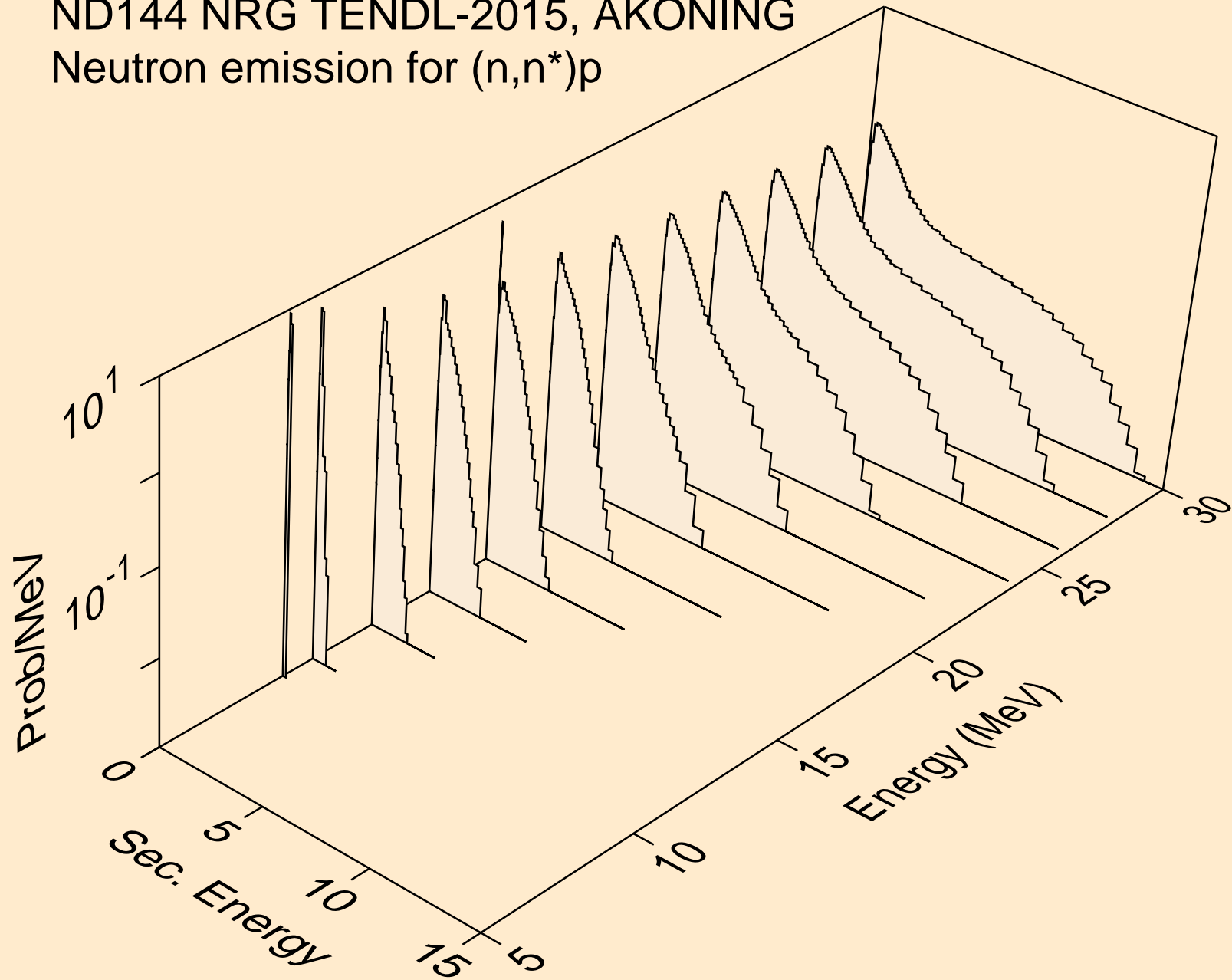
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

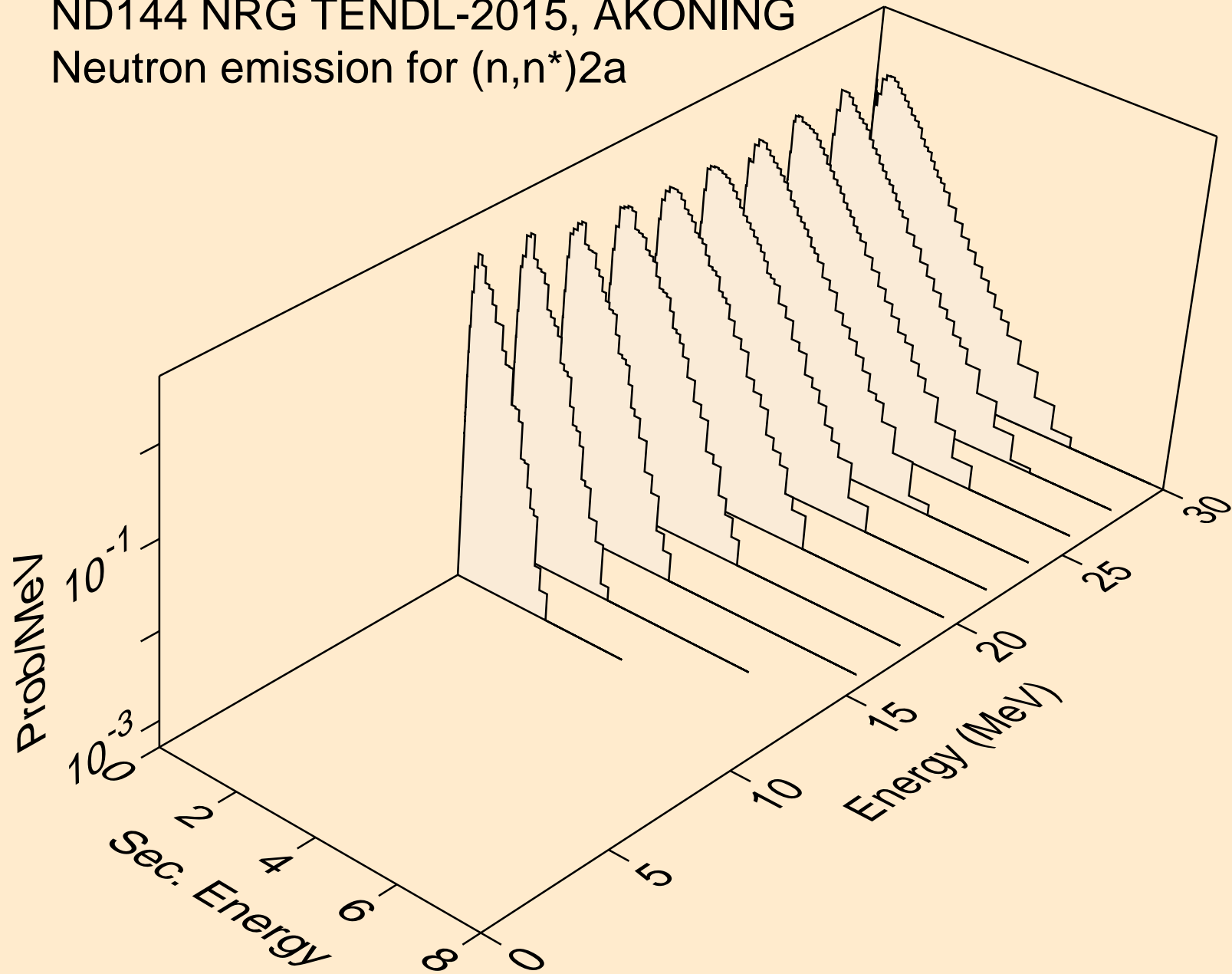


ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

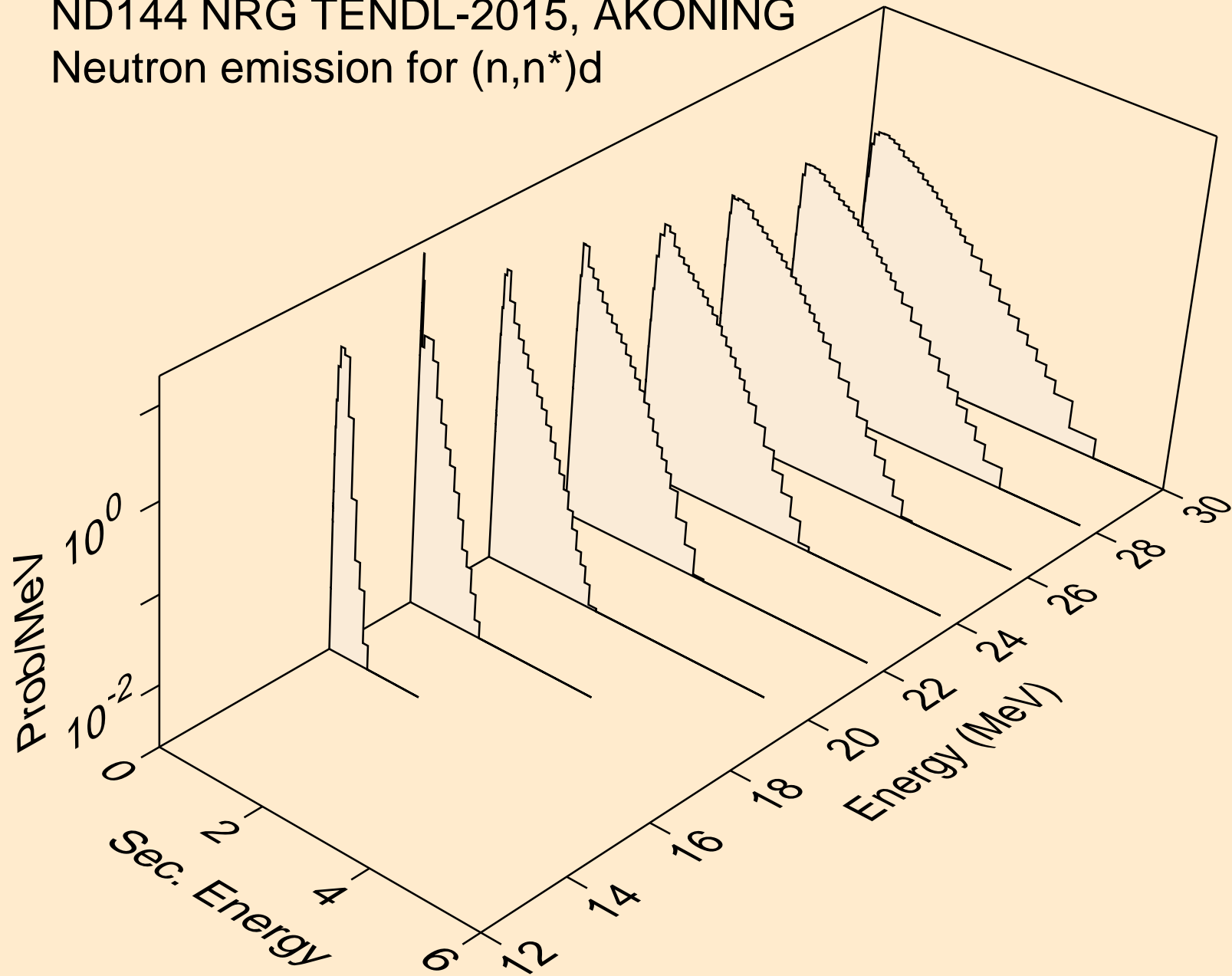




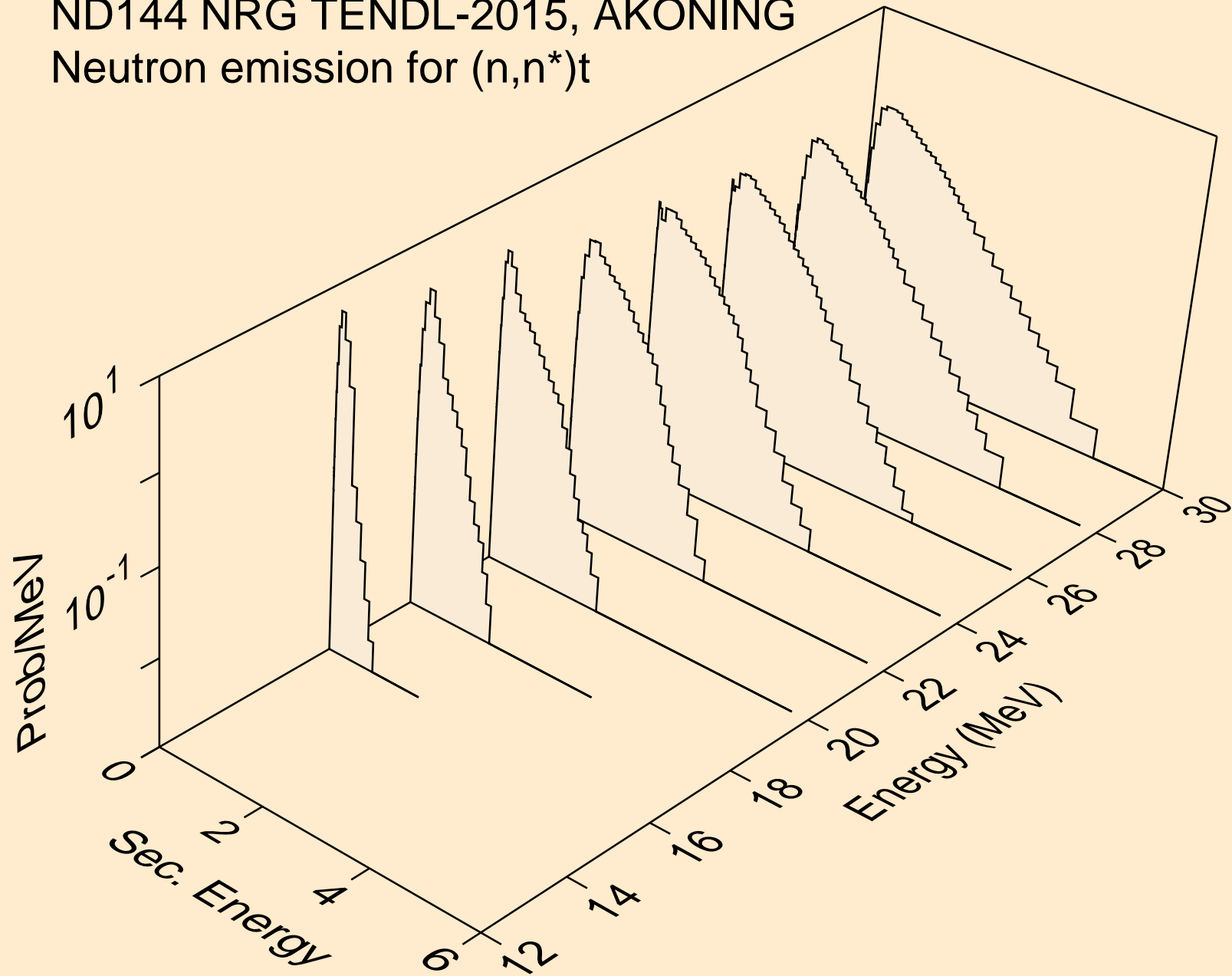
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



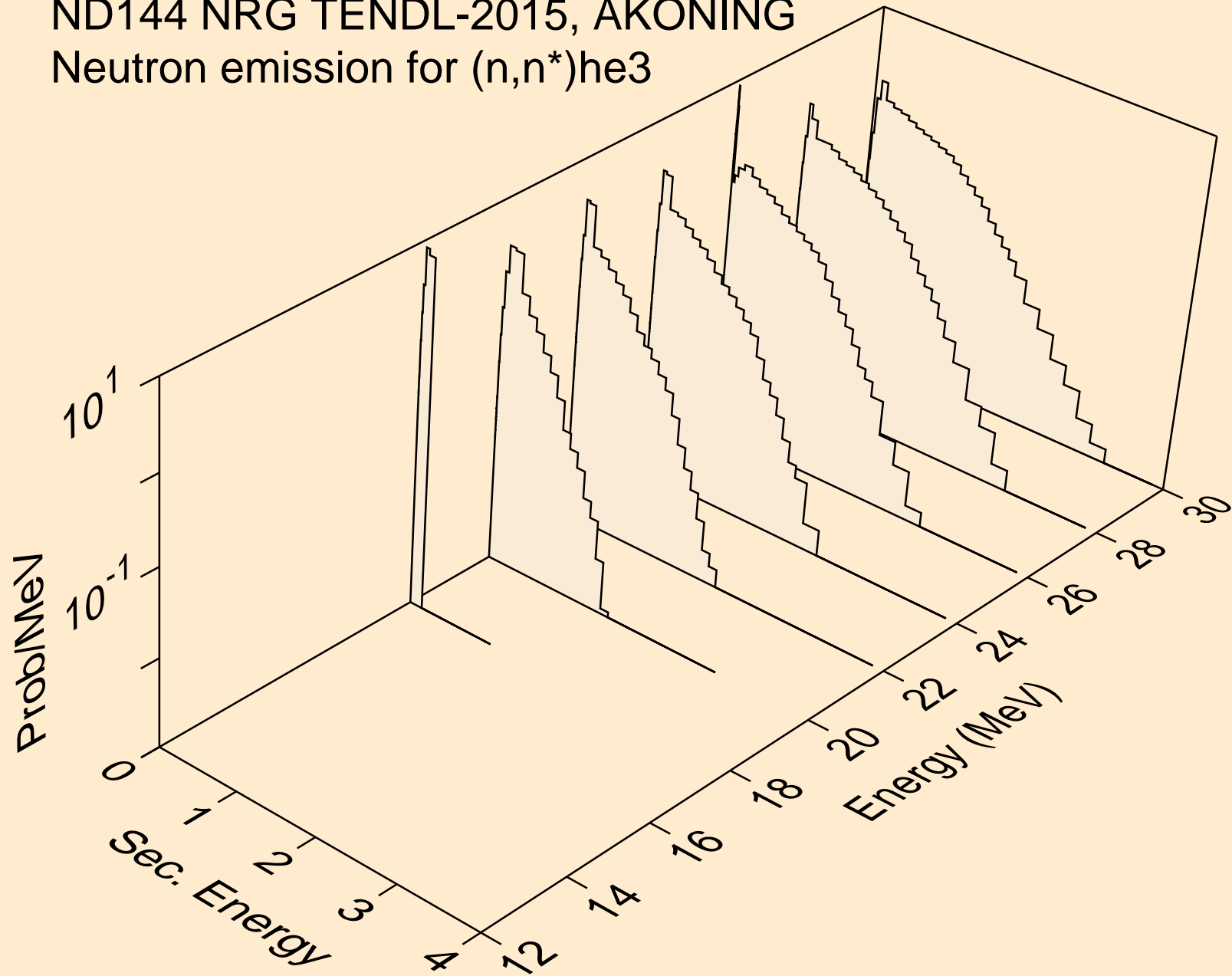
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



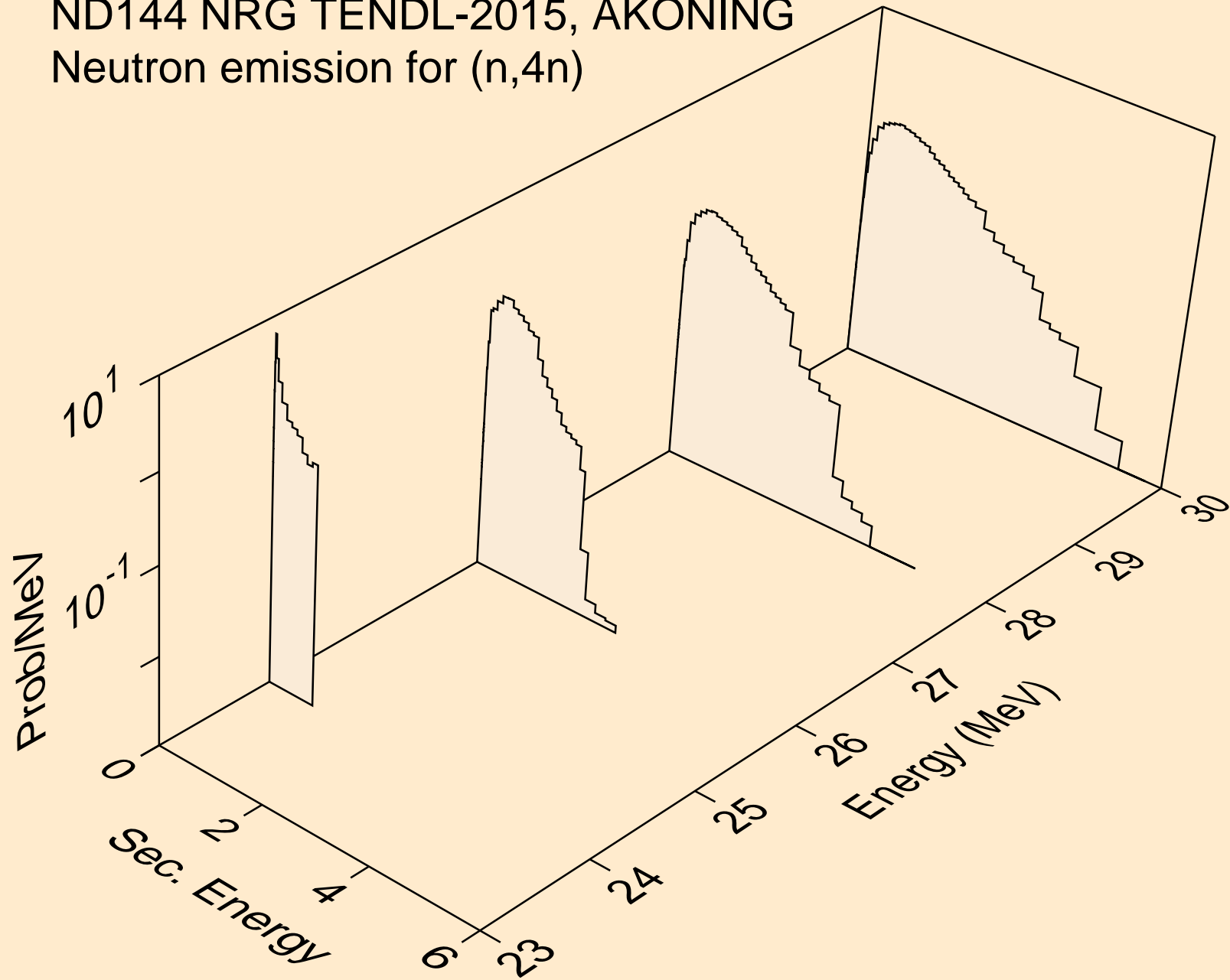
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



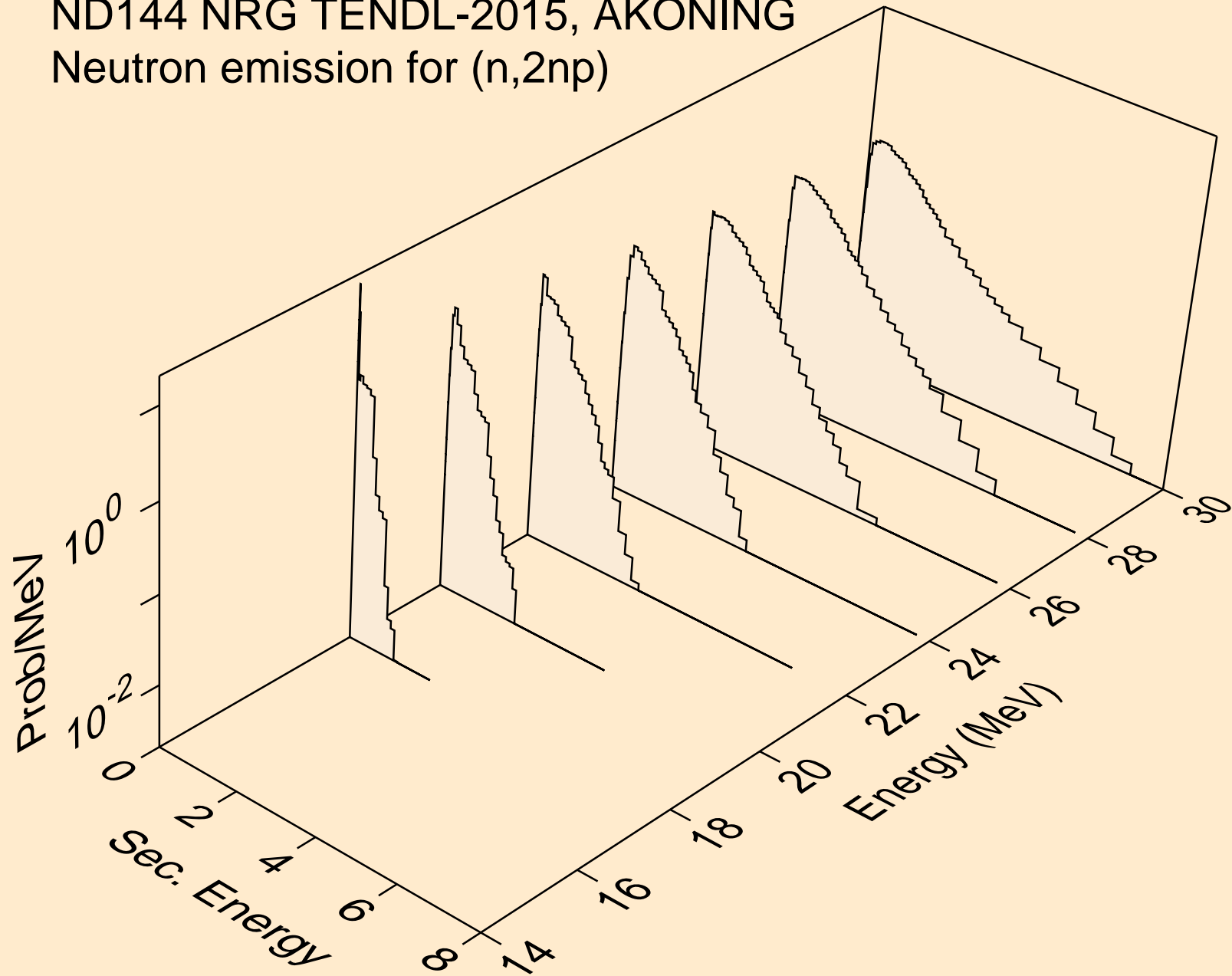
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



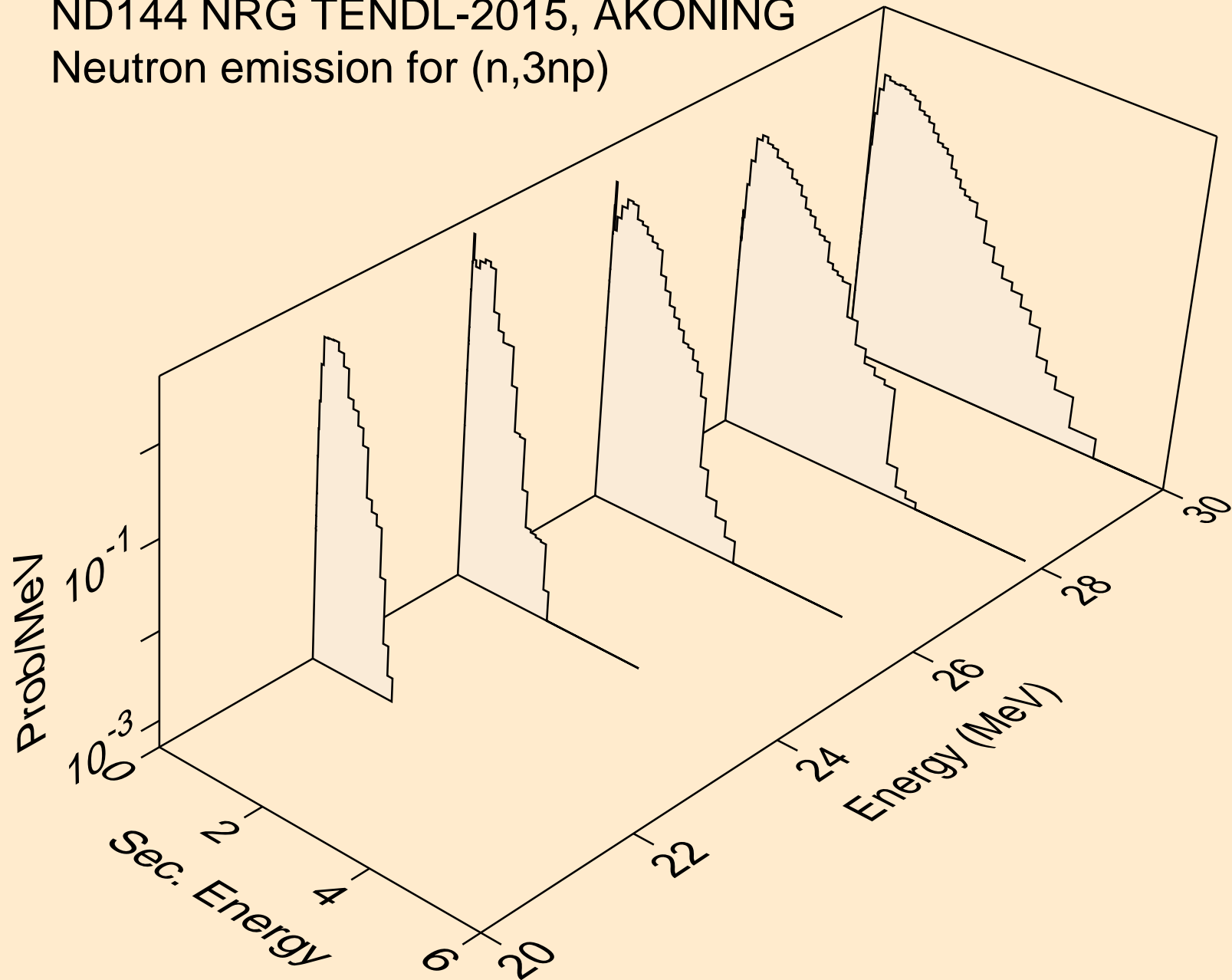
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



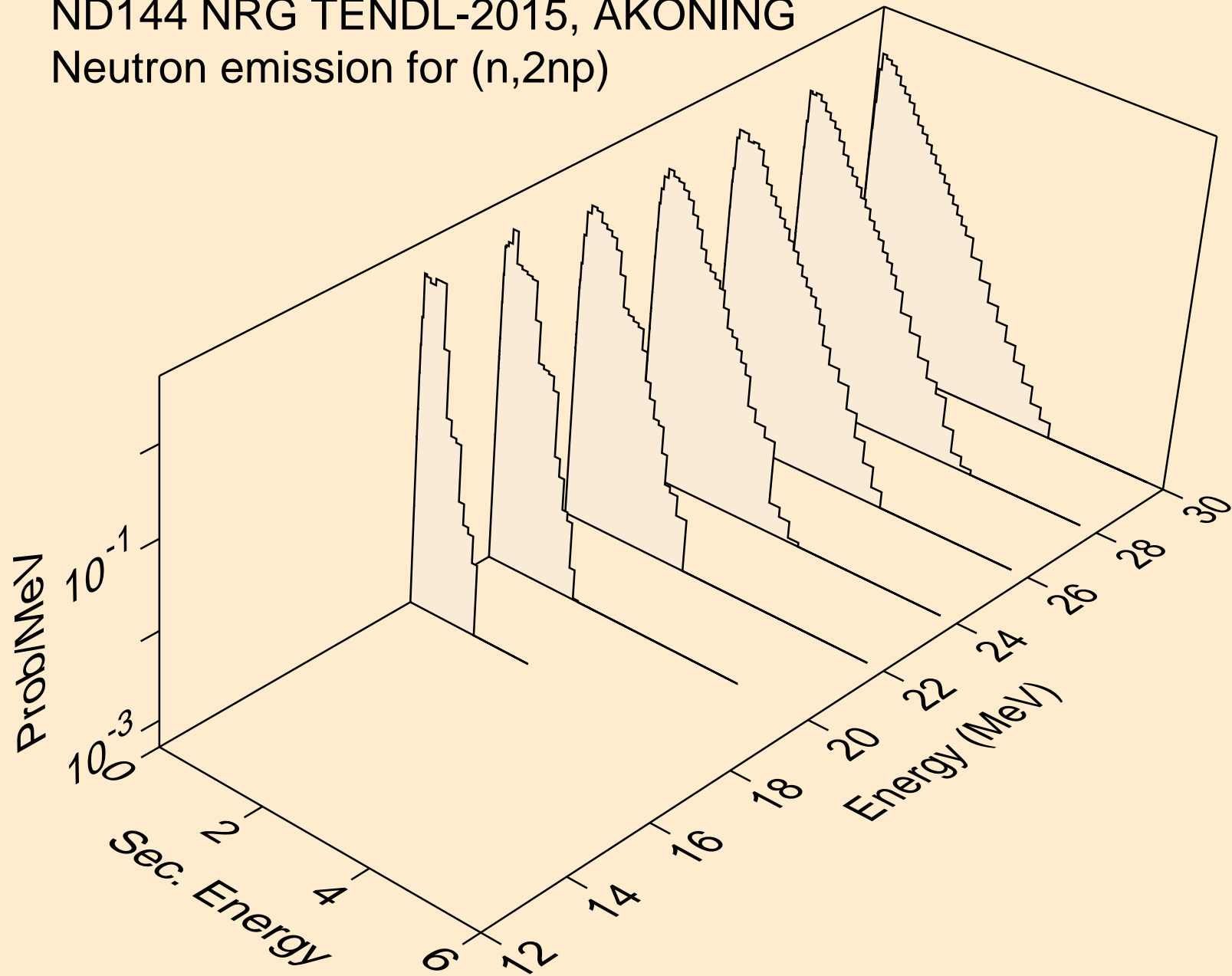
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

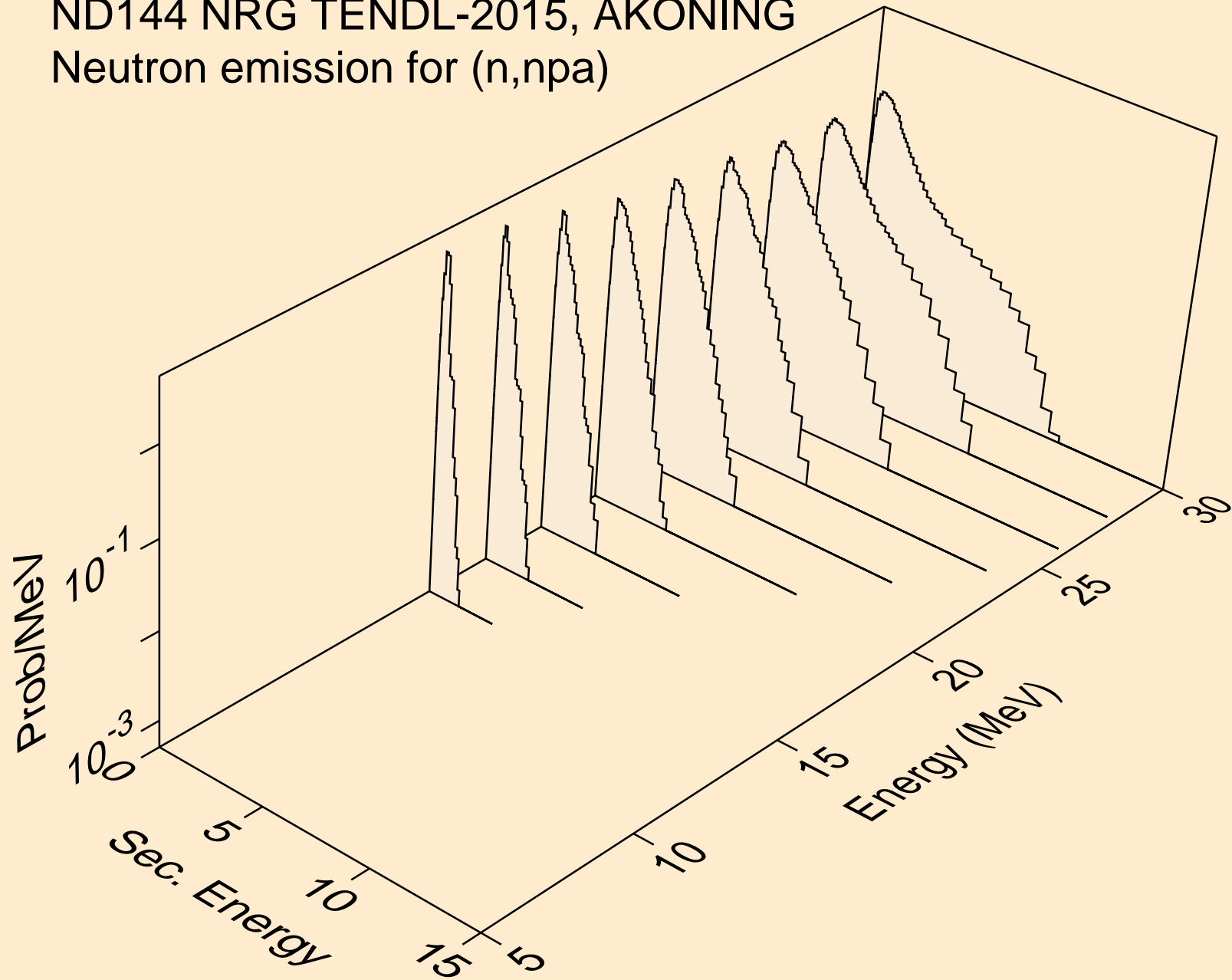


ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

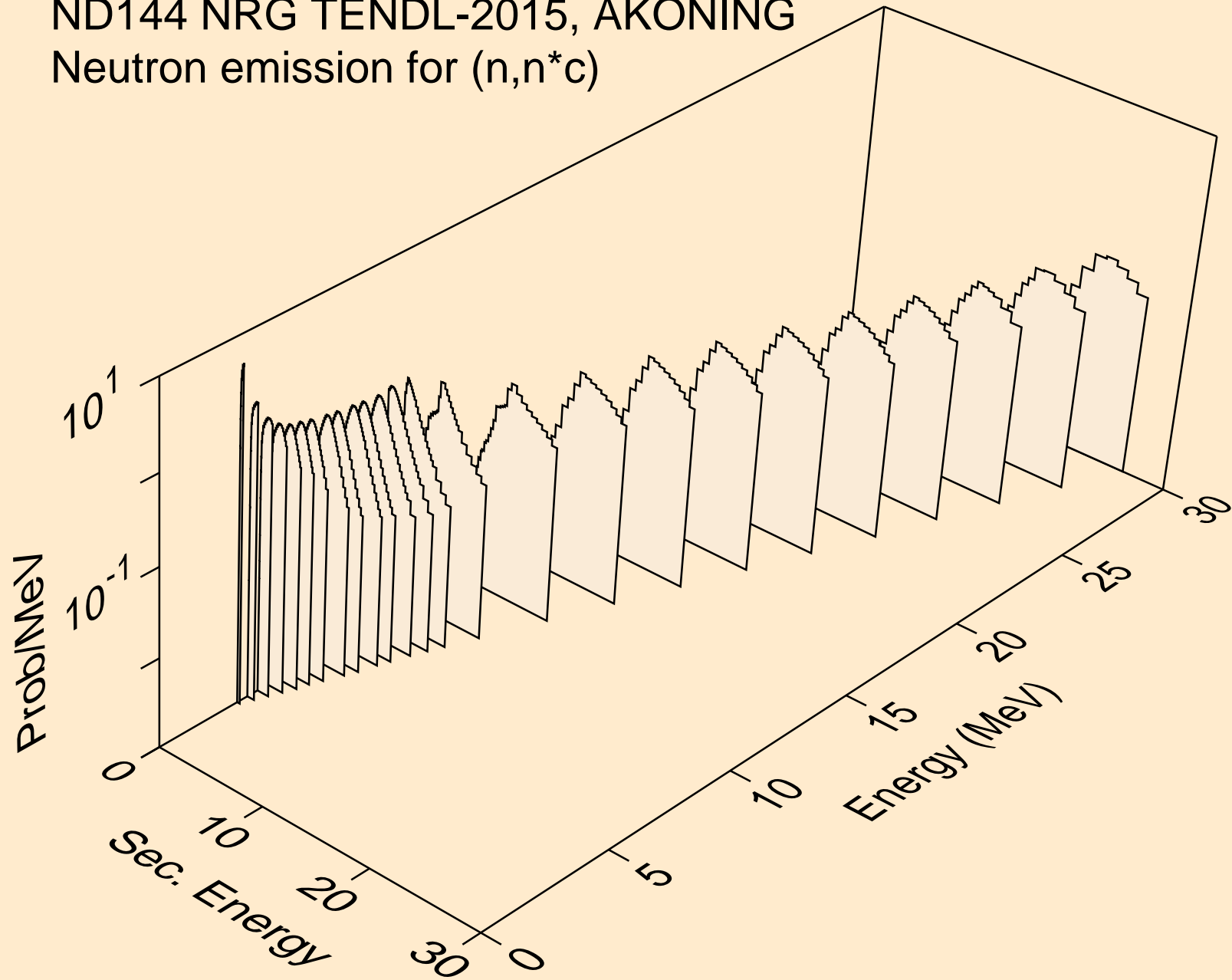




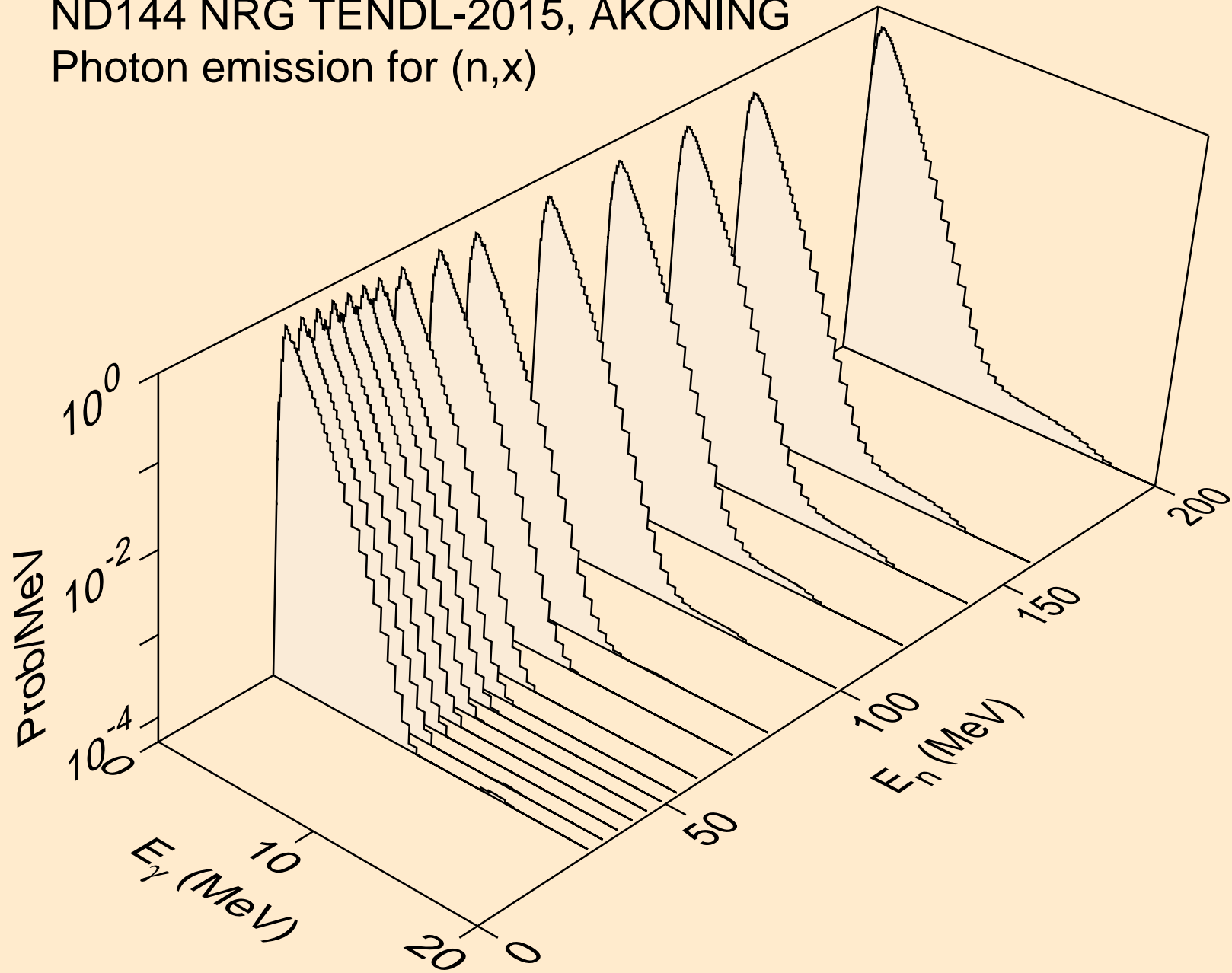
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



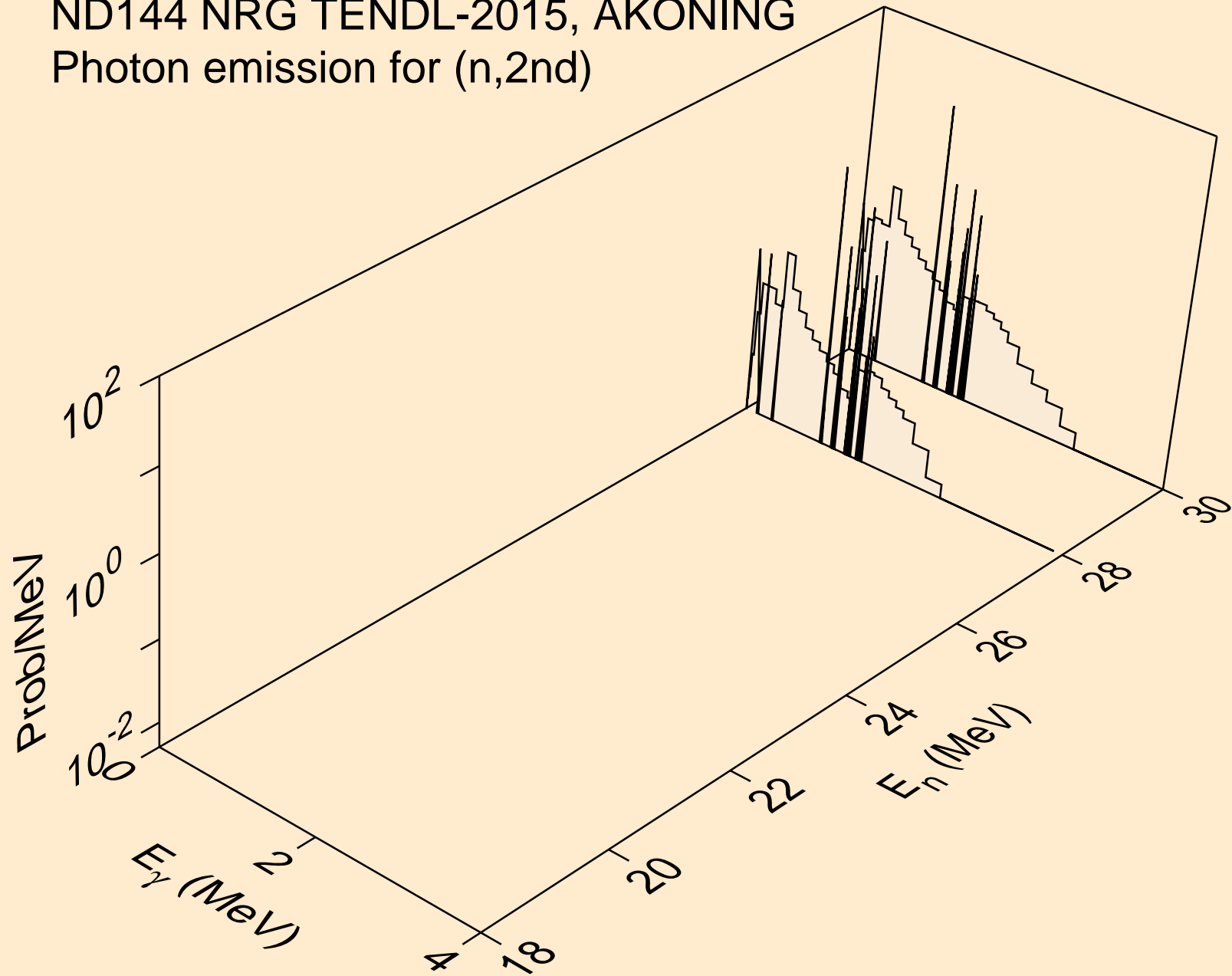
ND144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



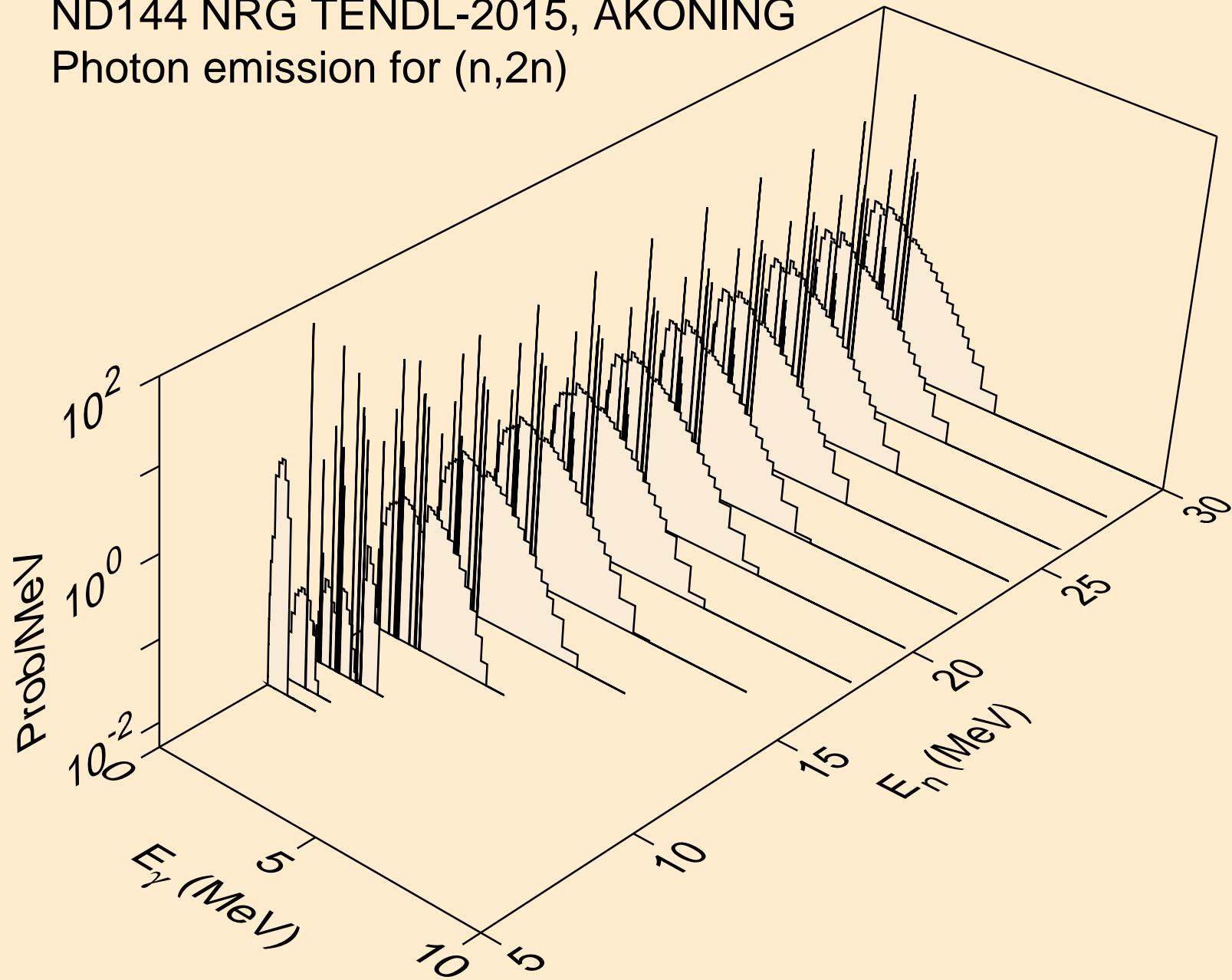
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



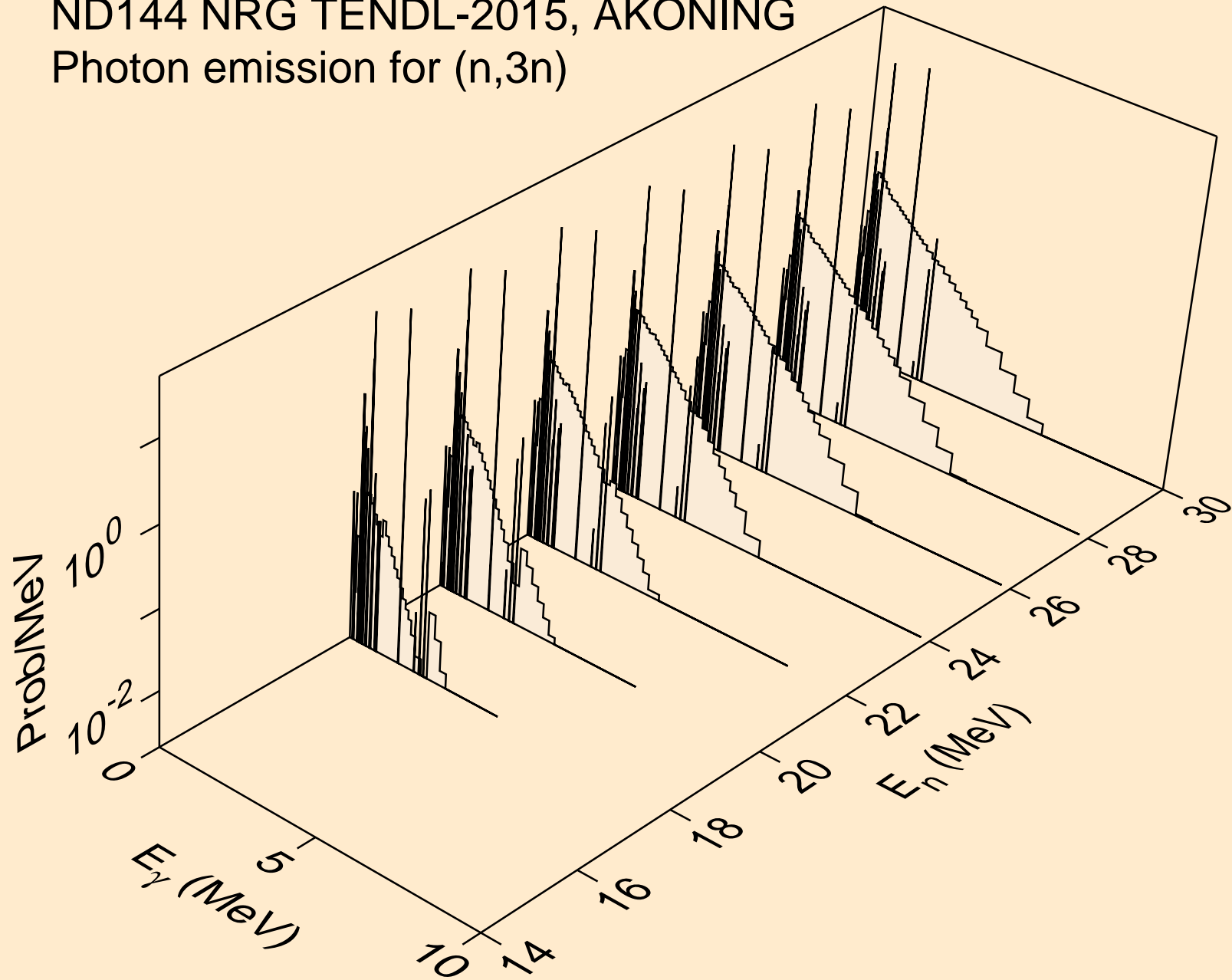
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



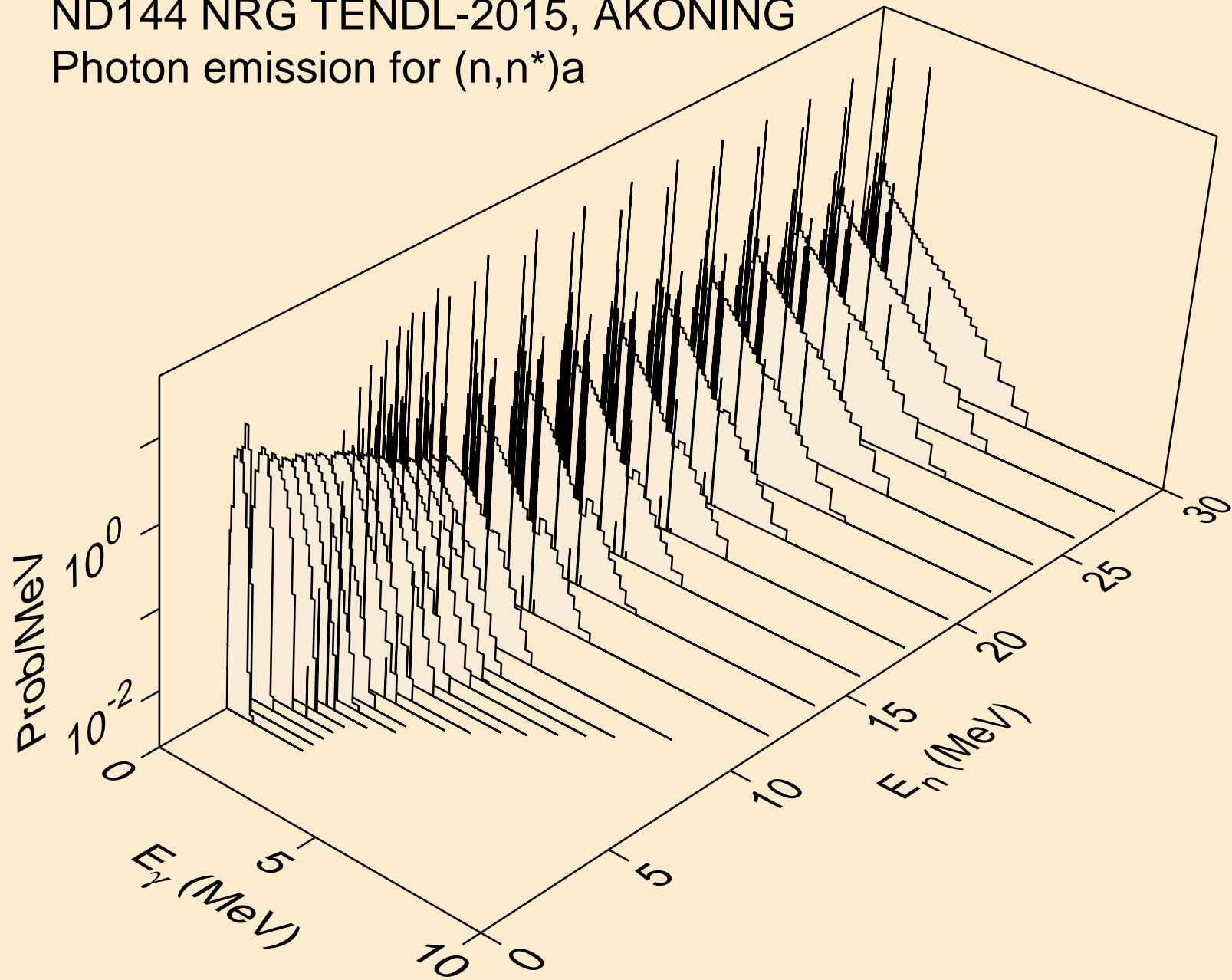
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



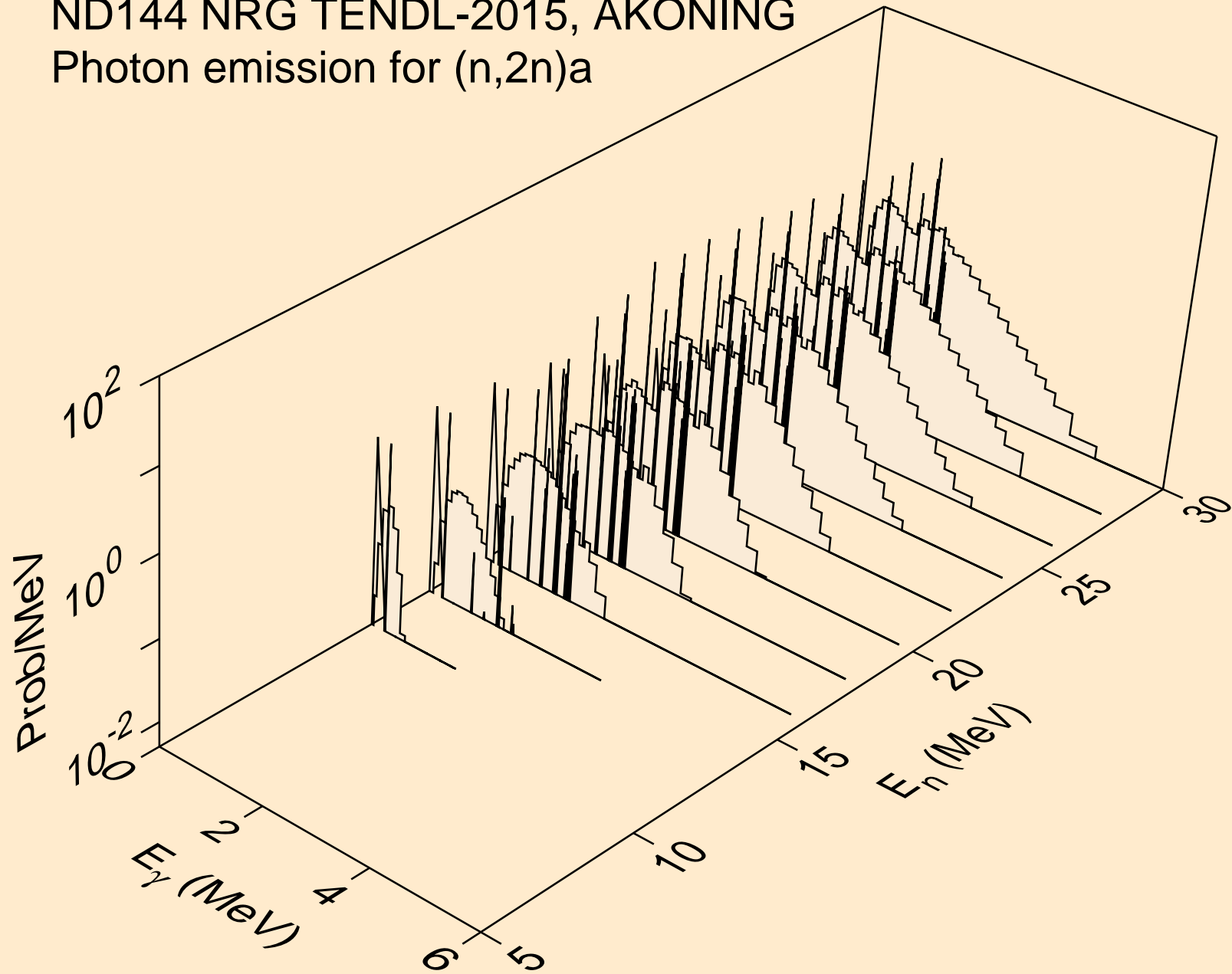
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

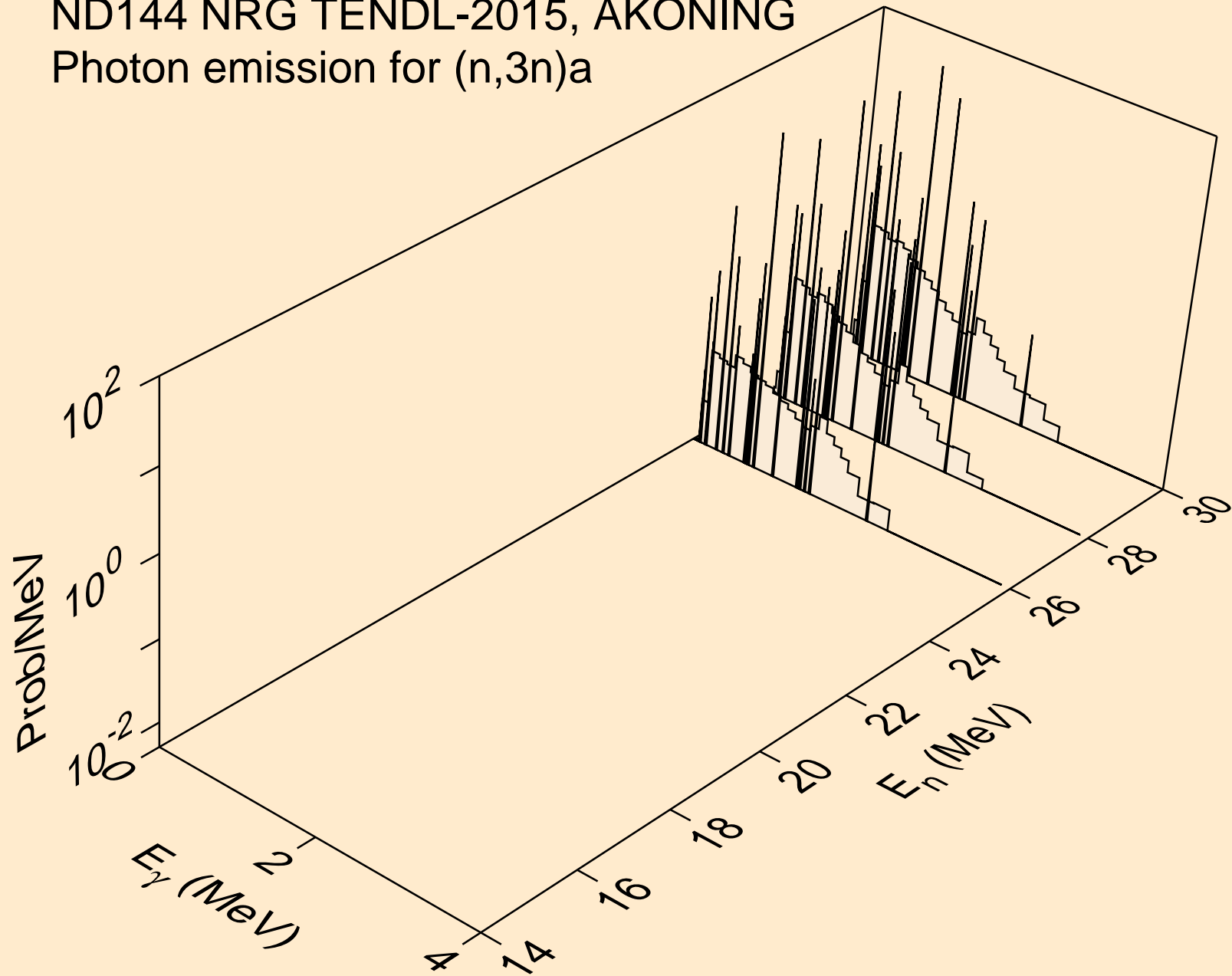


ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

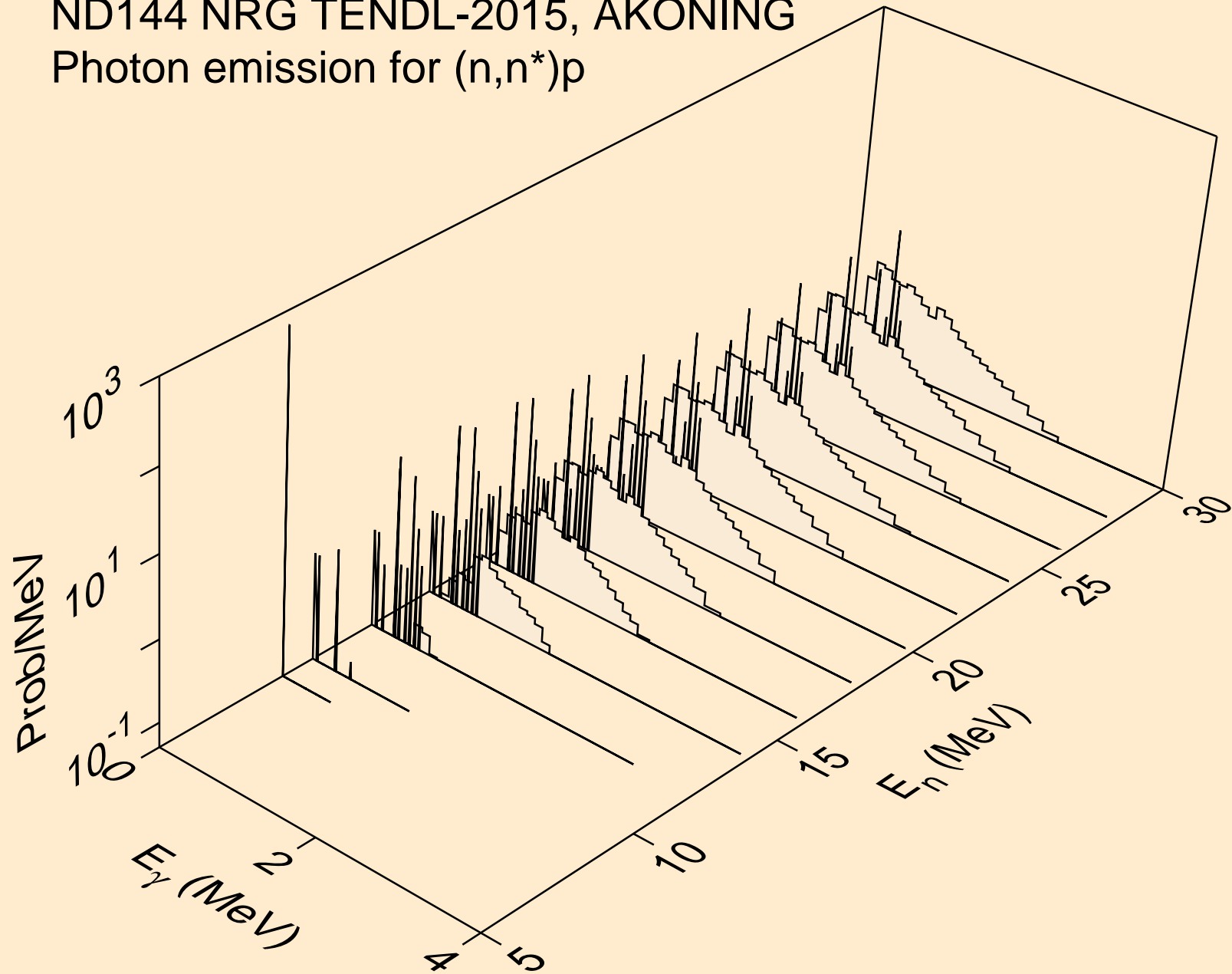




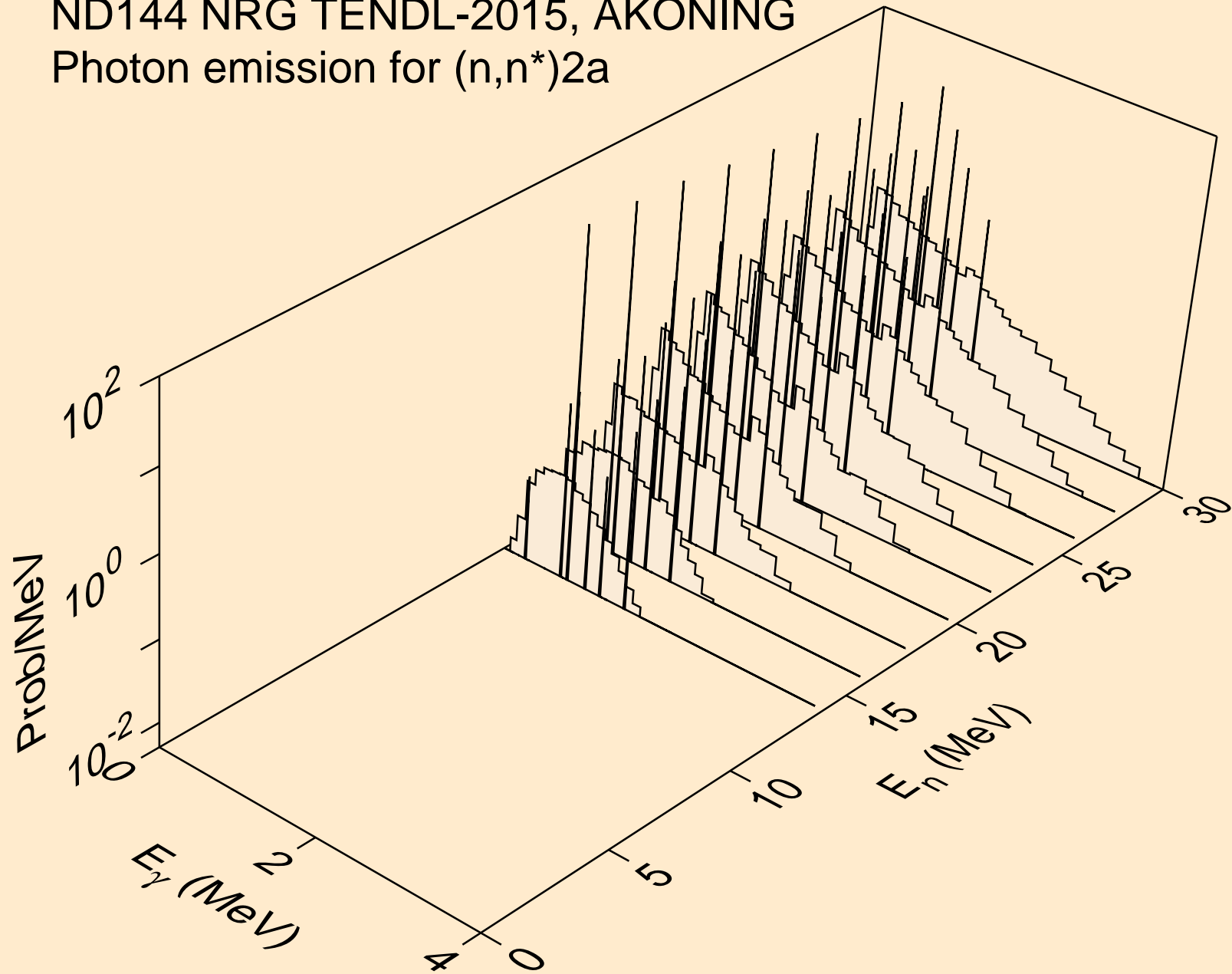
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



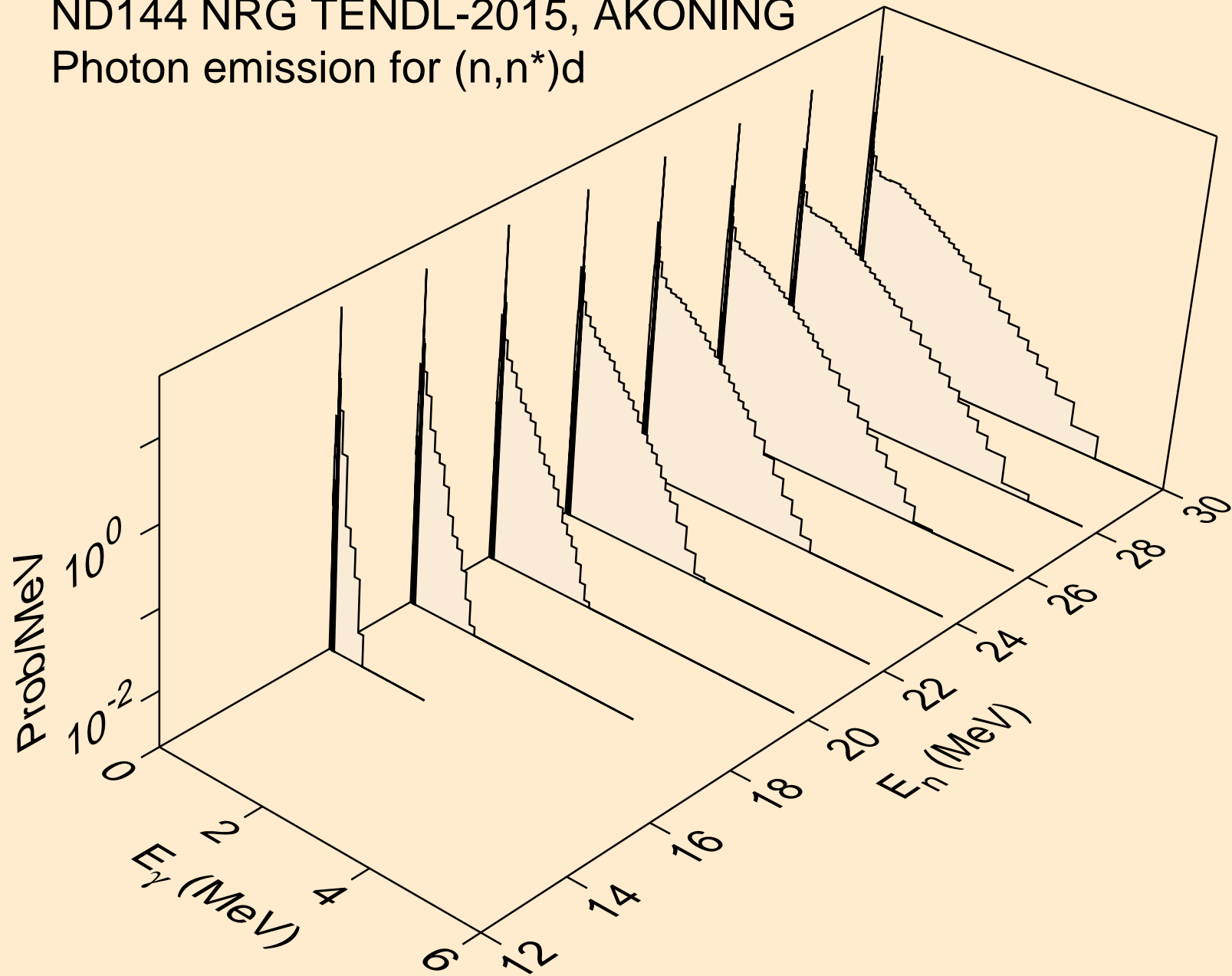
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



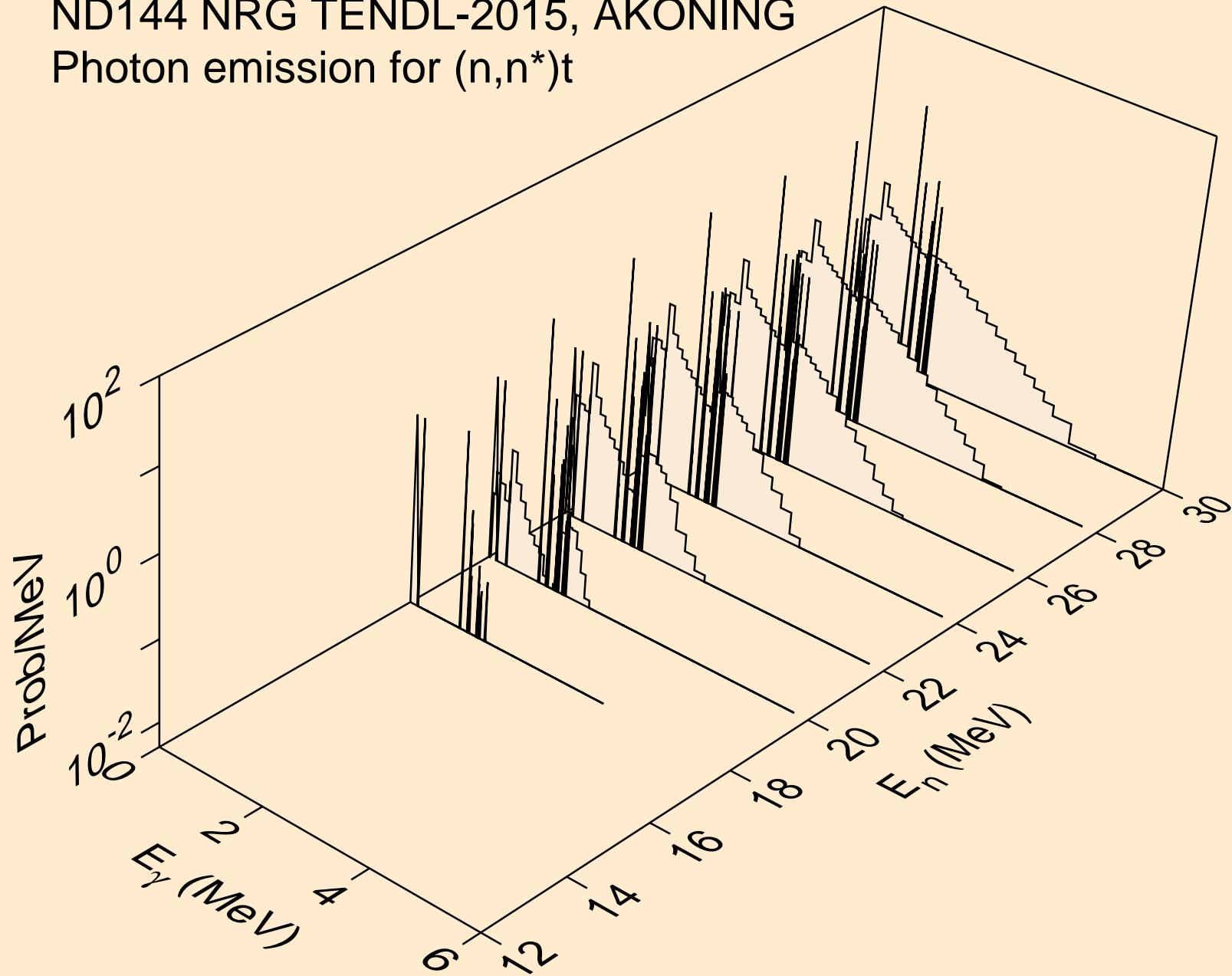
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



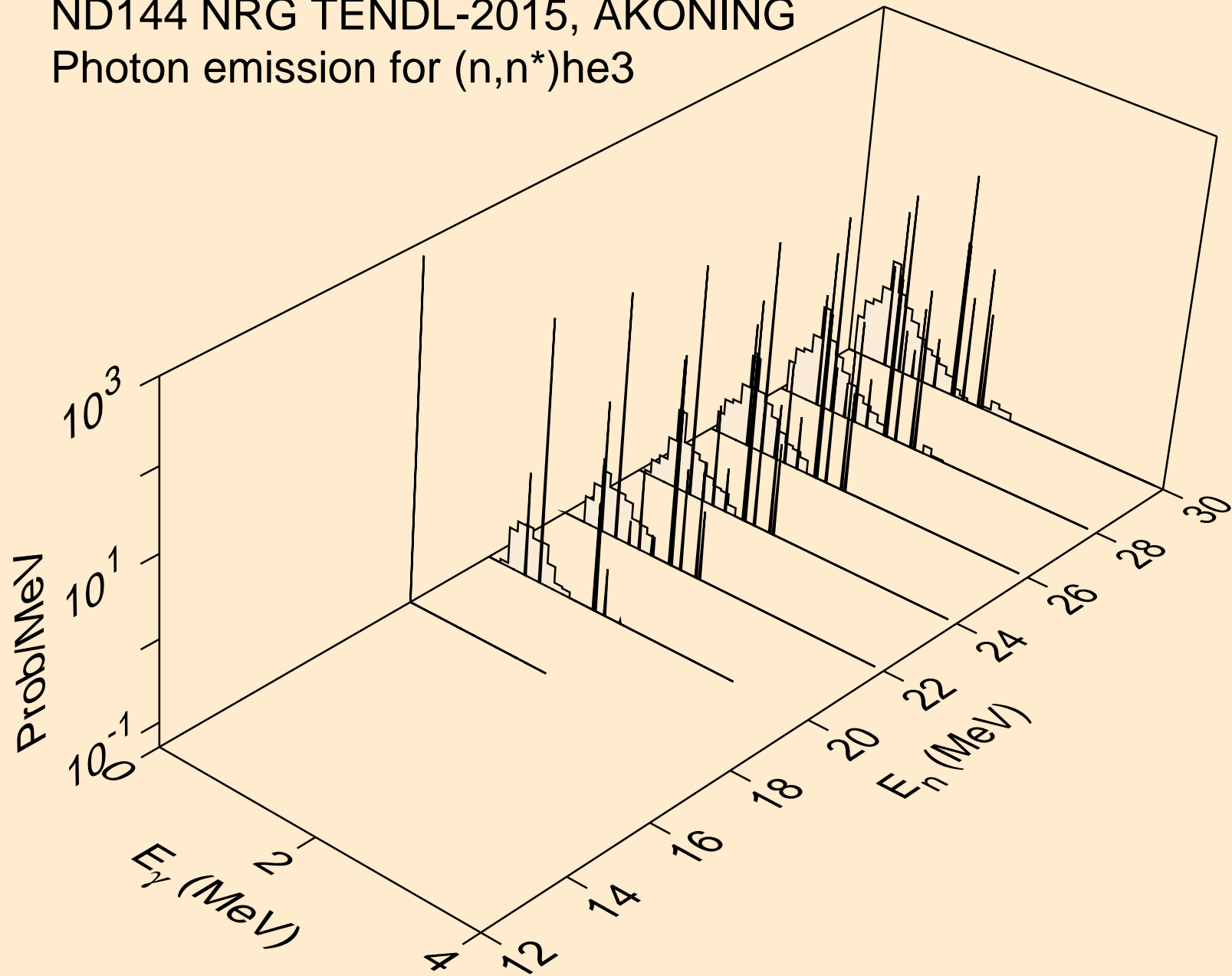
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



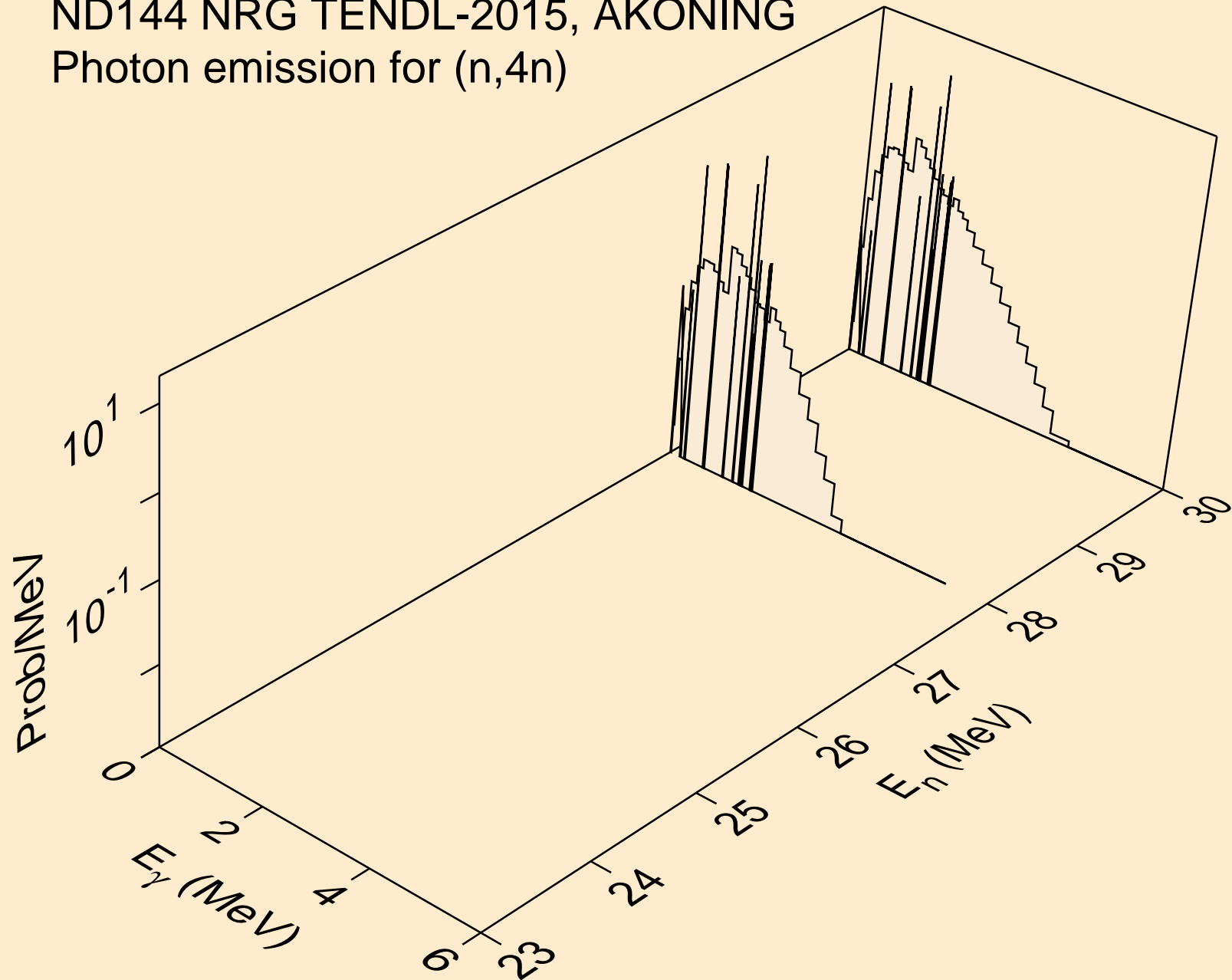
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



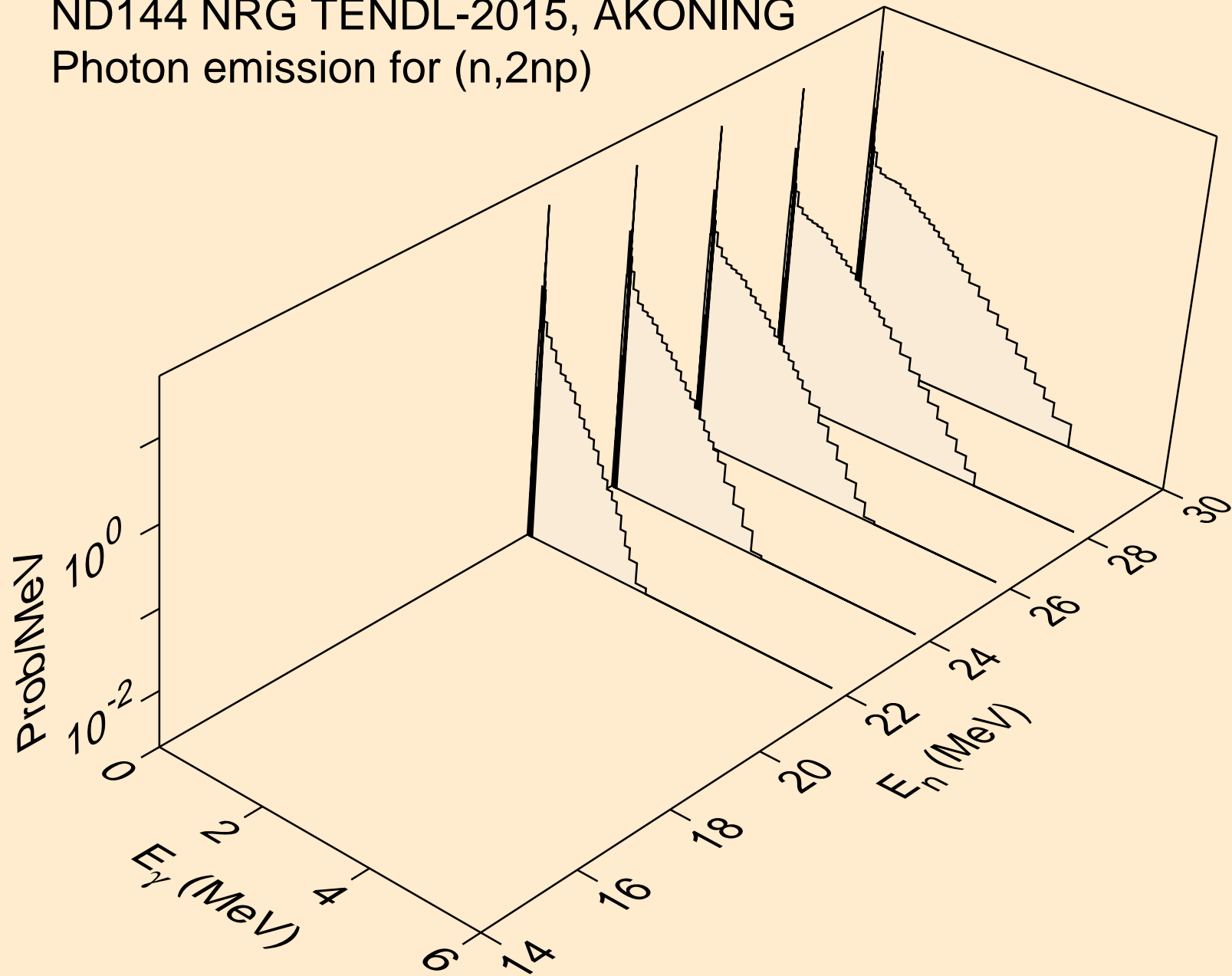
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

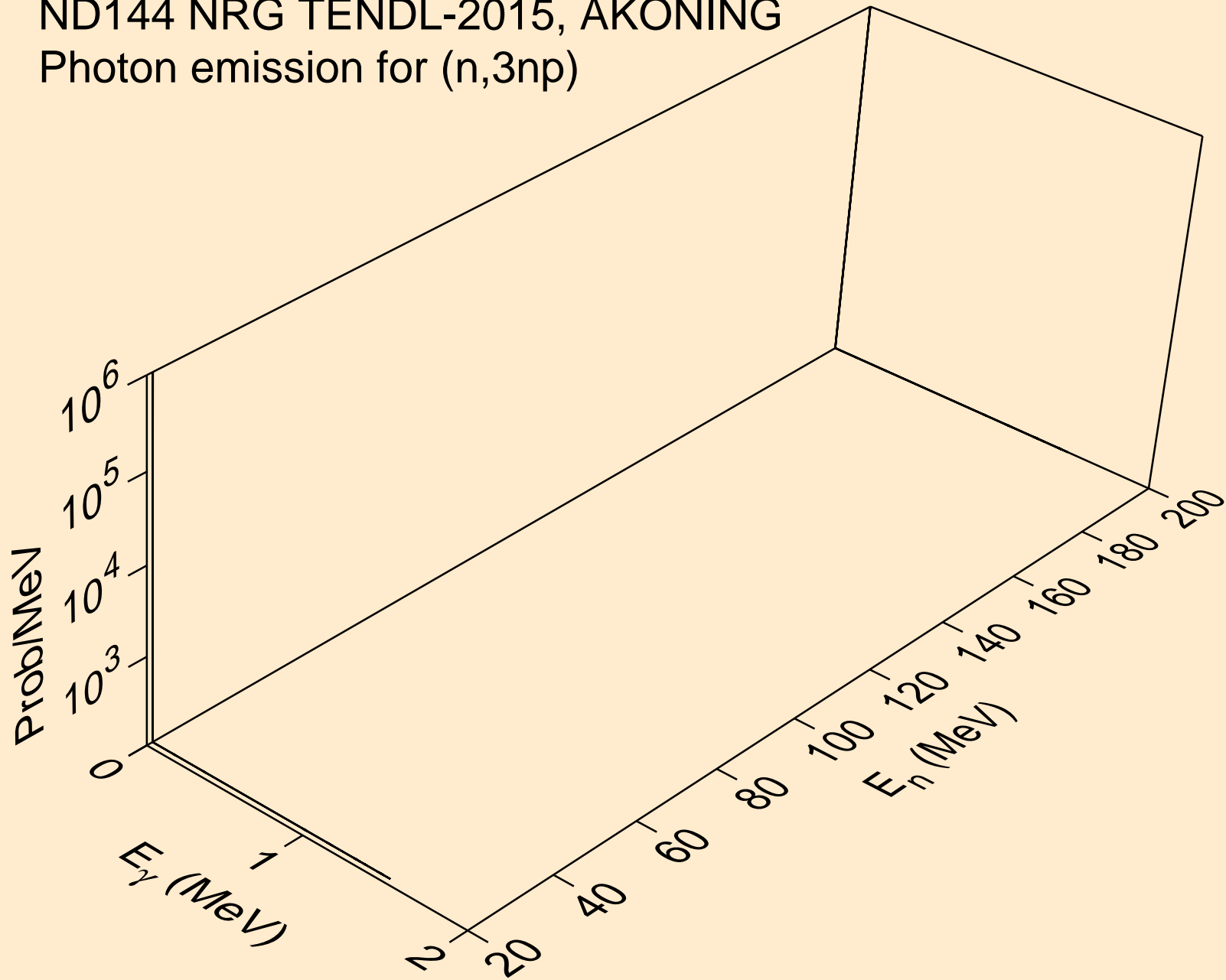


ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

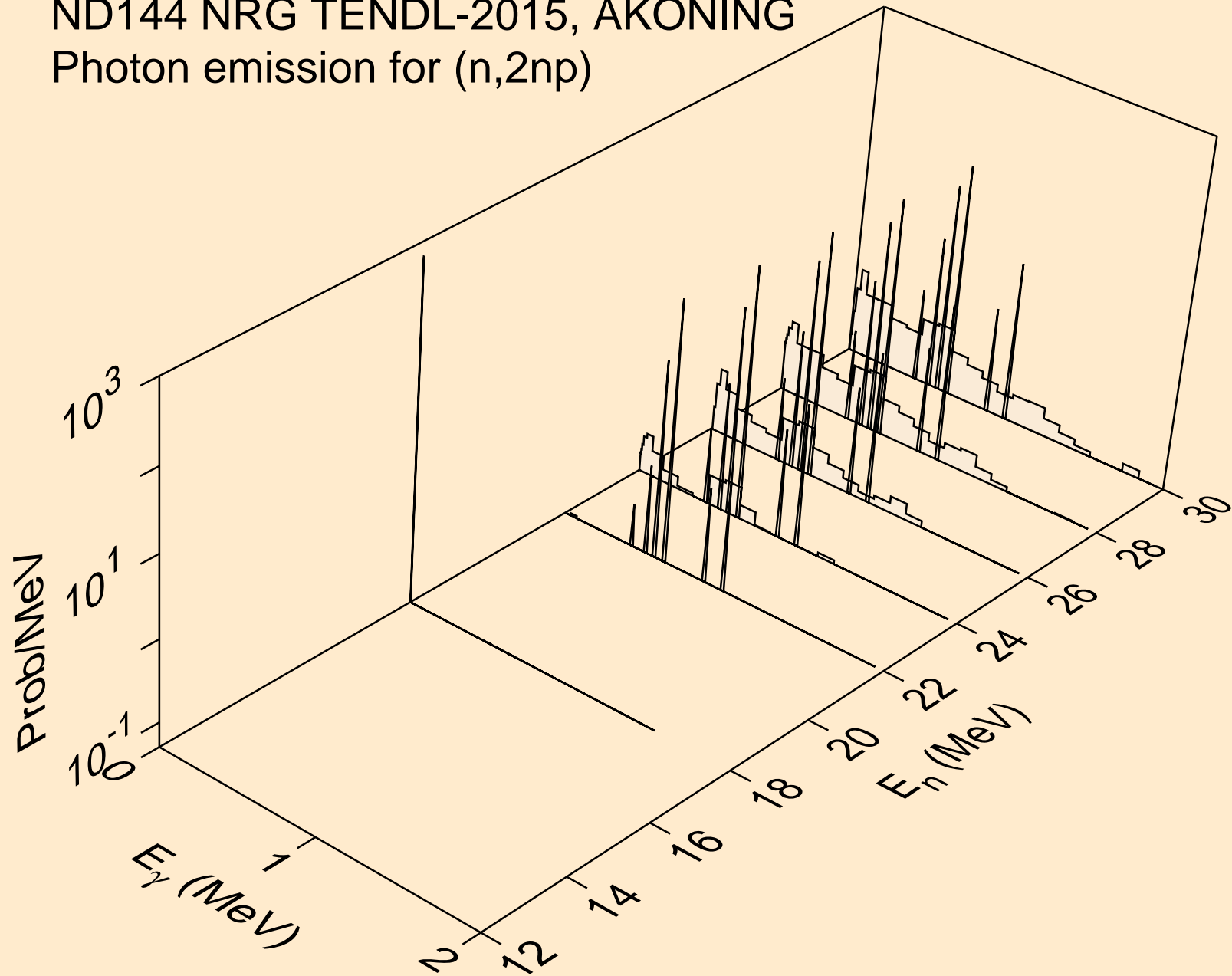




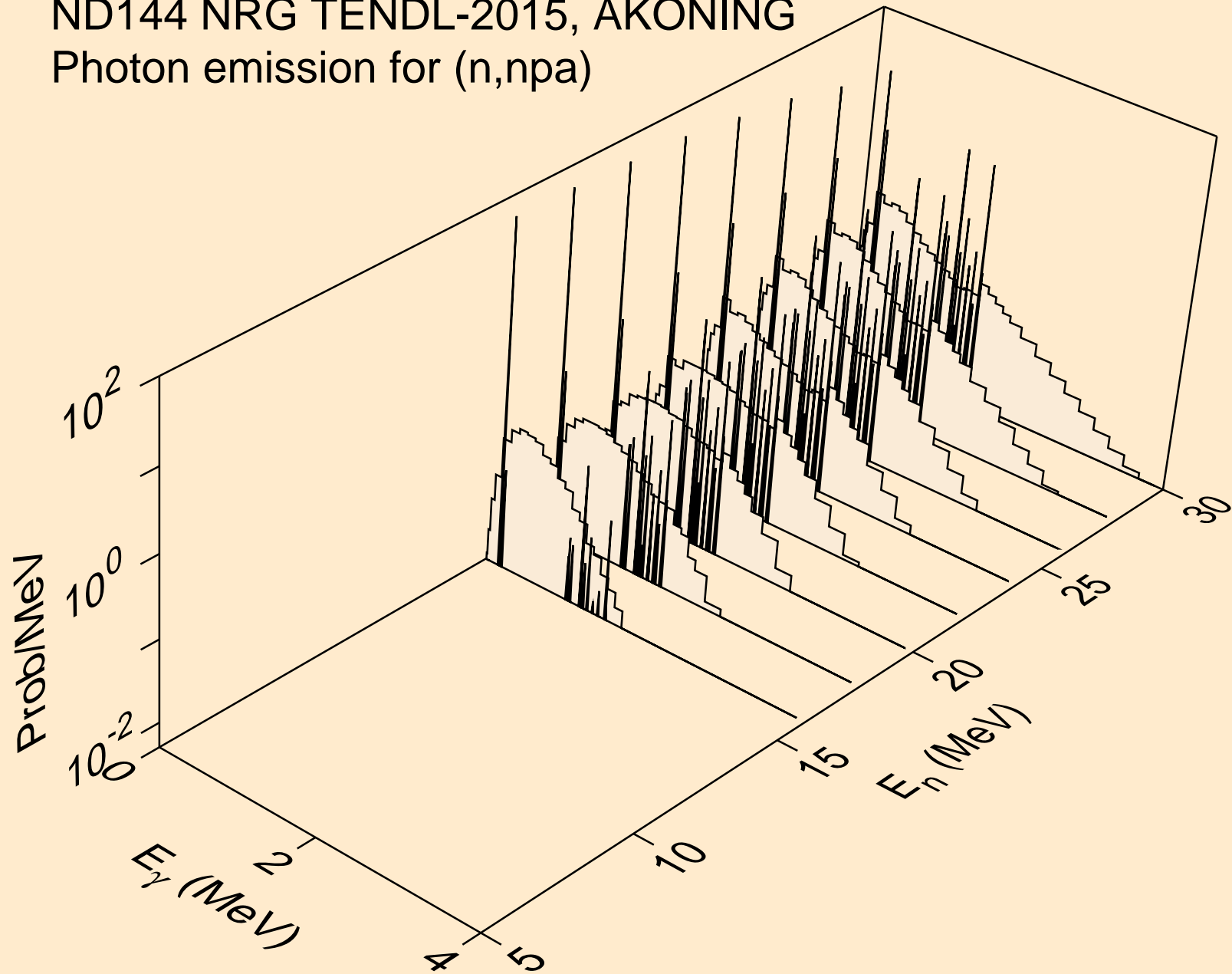
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



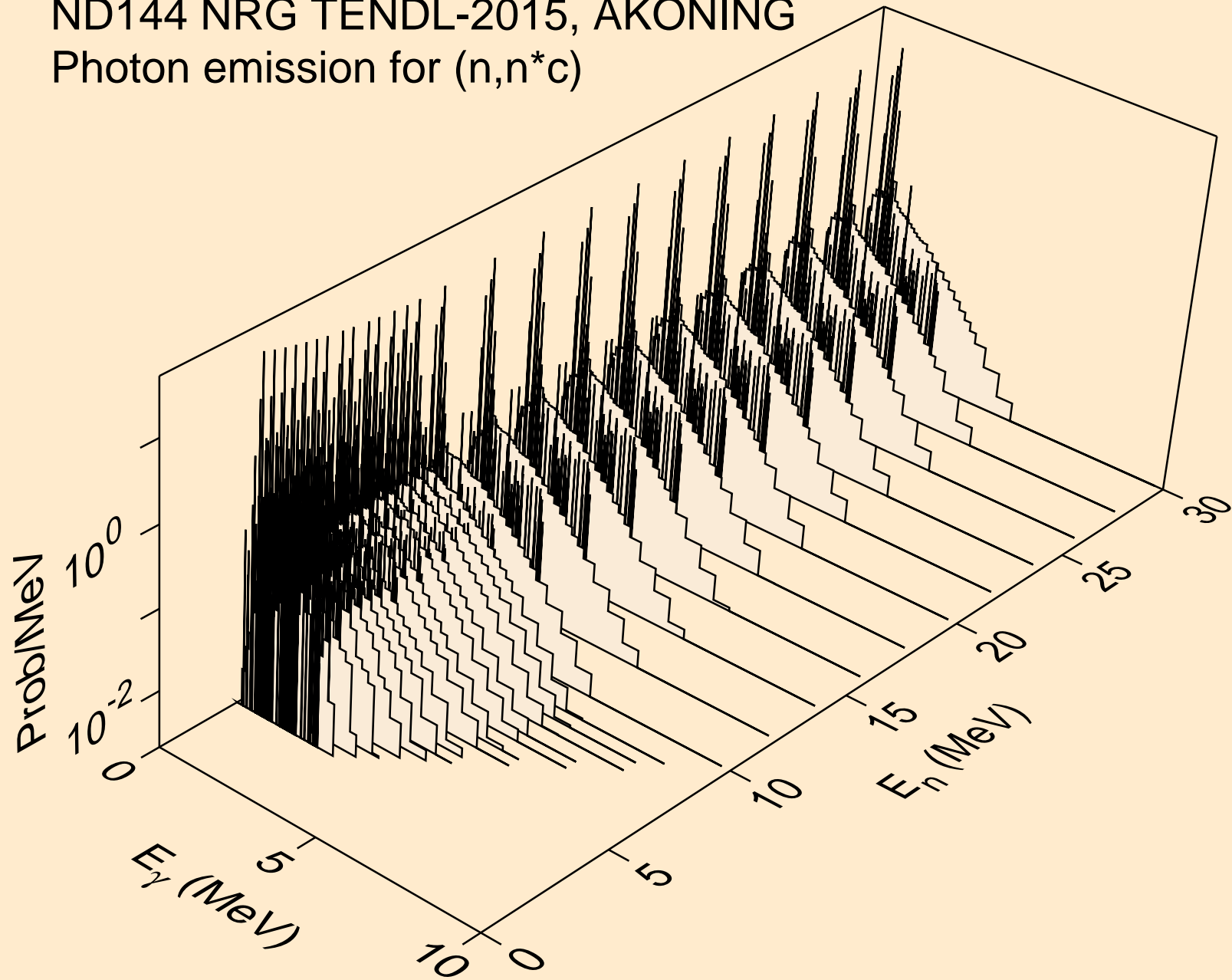
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



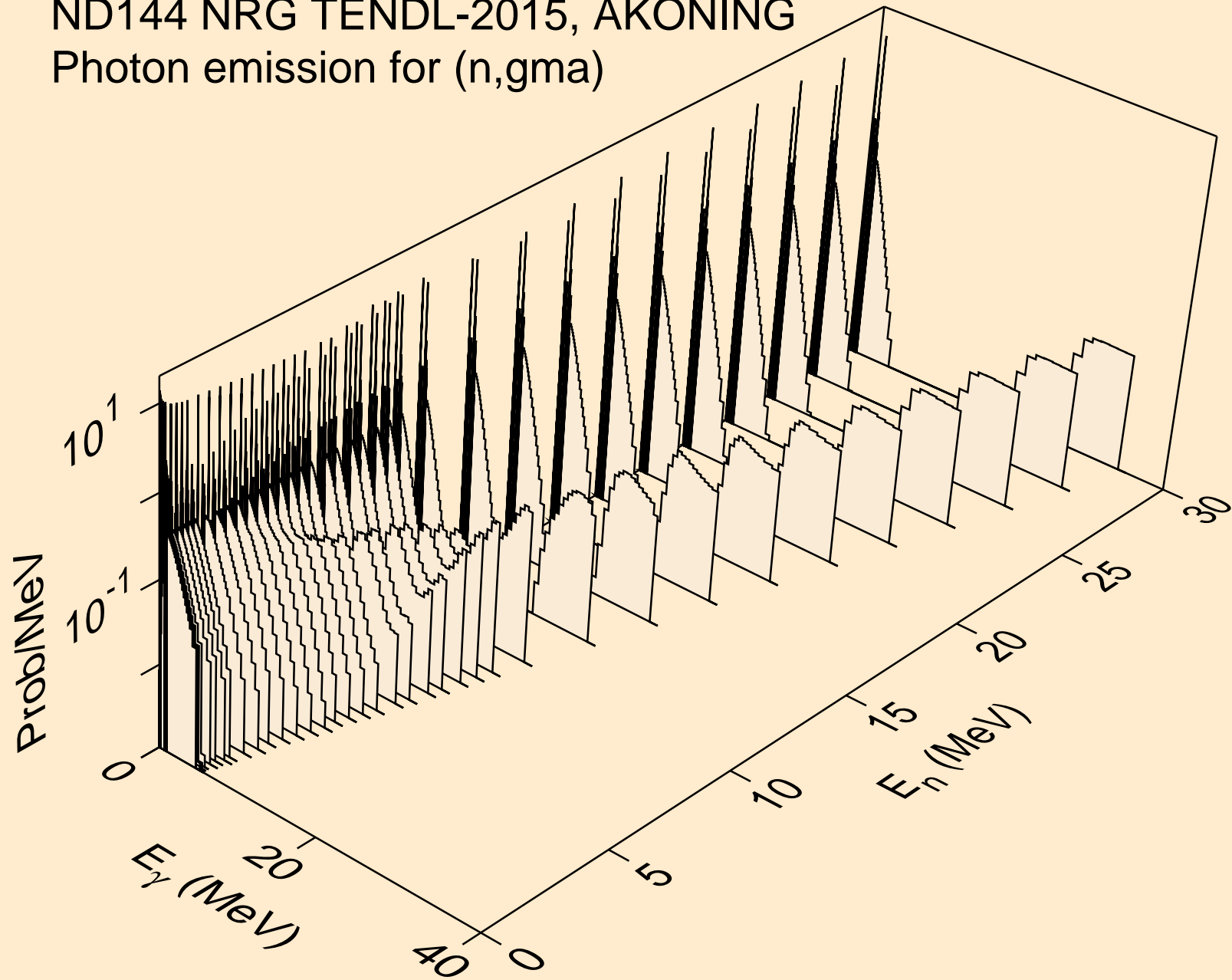
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



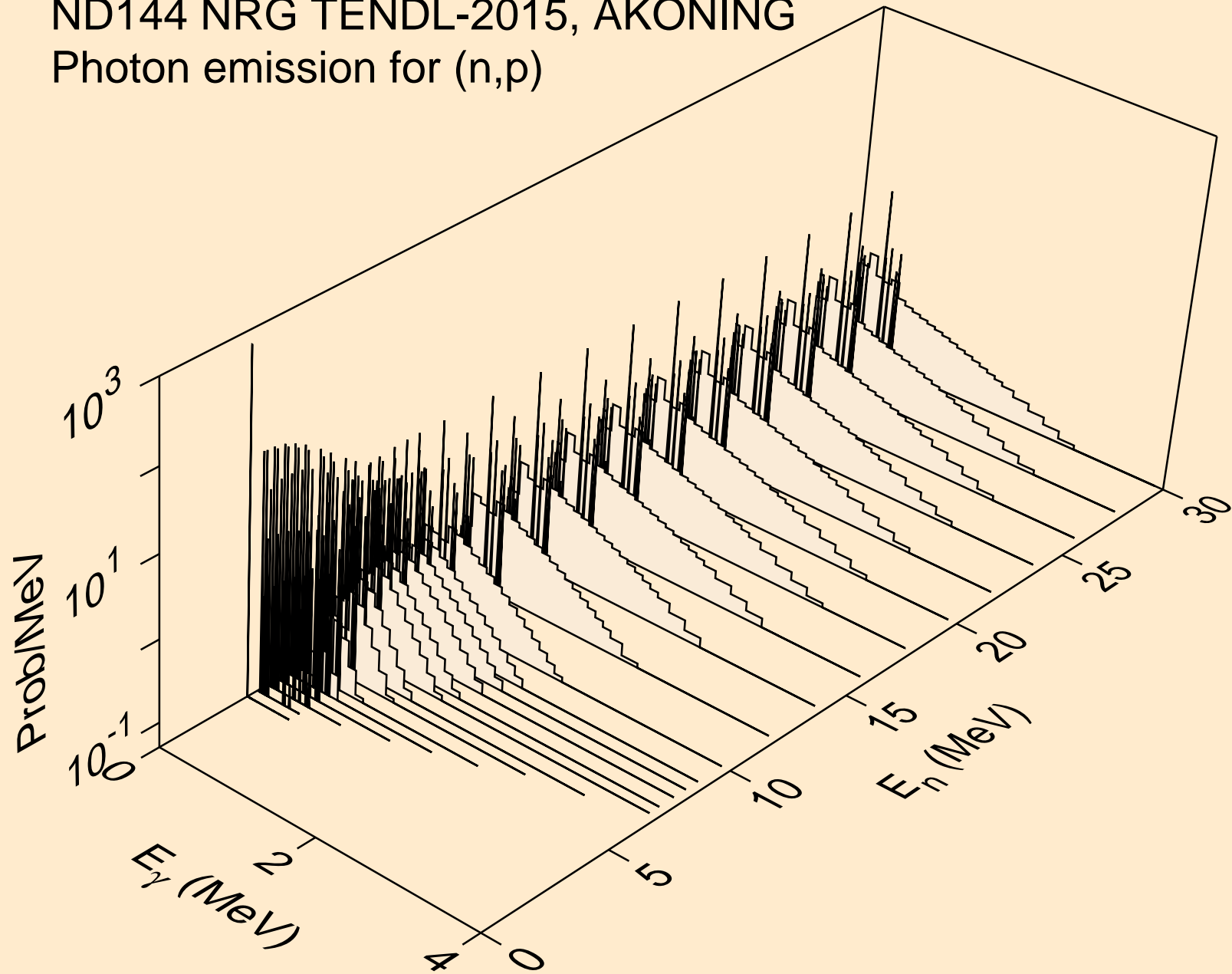
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



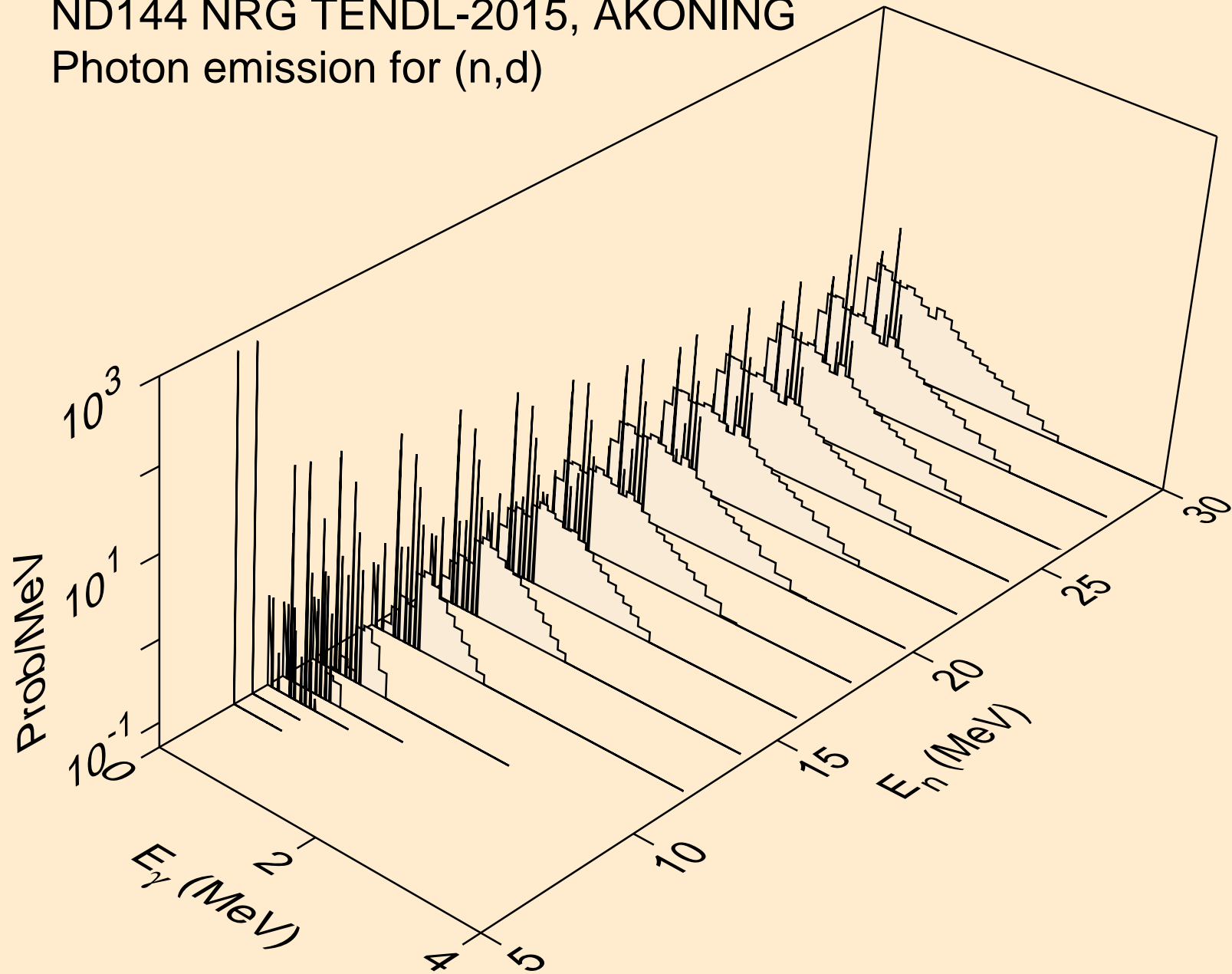
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



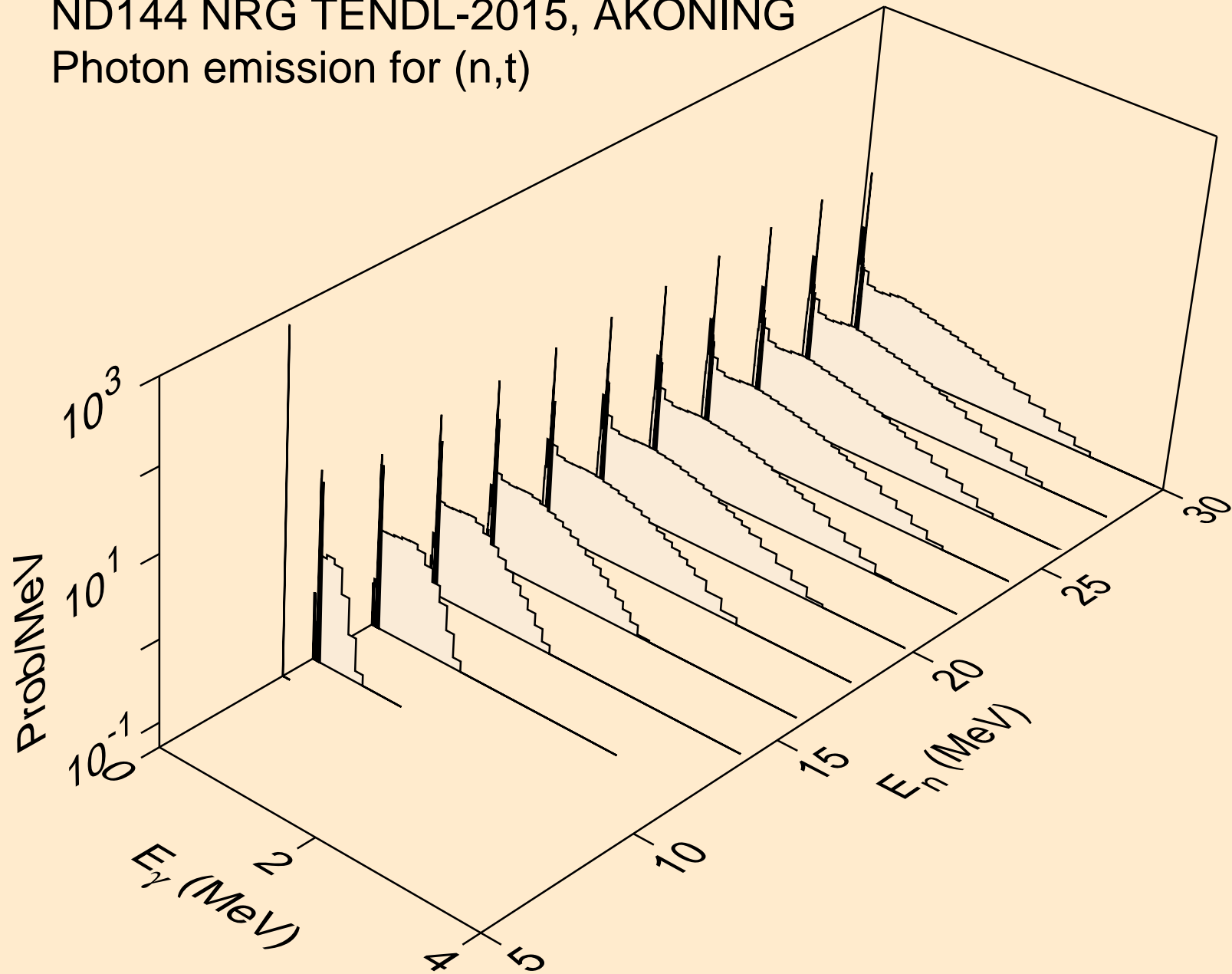
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

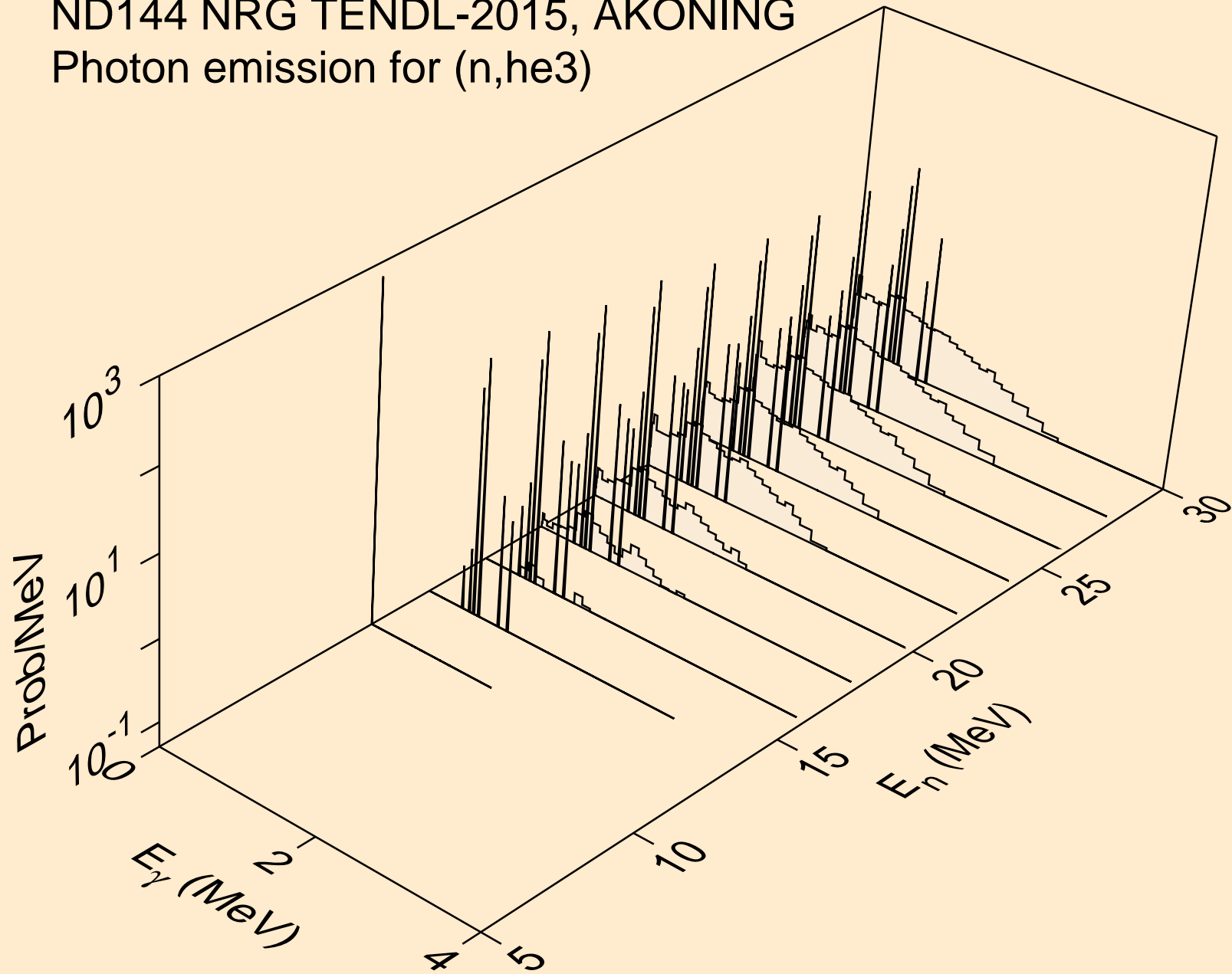


ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

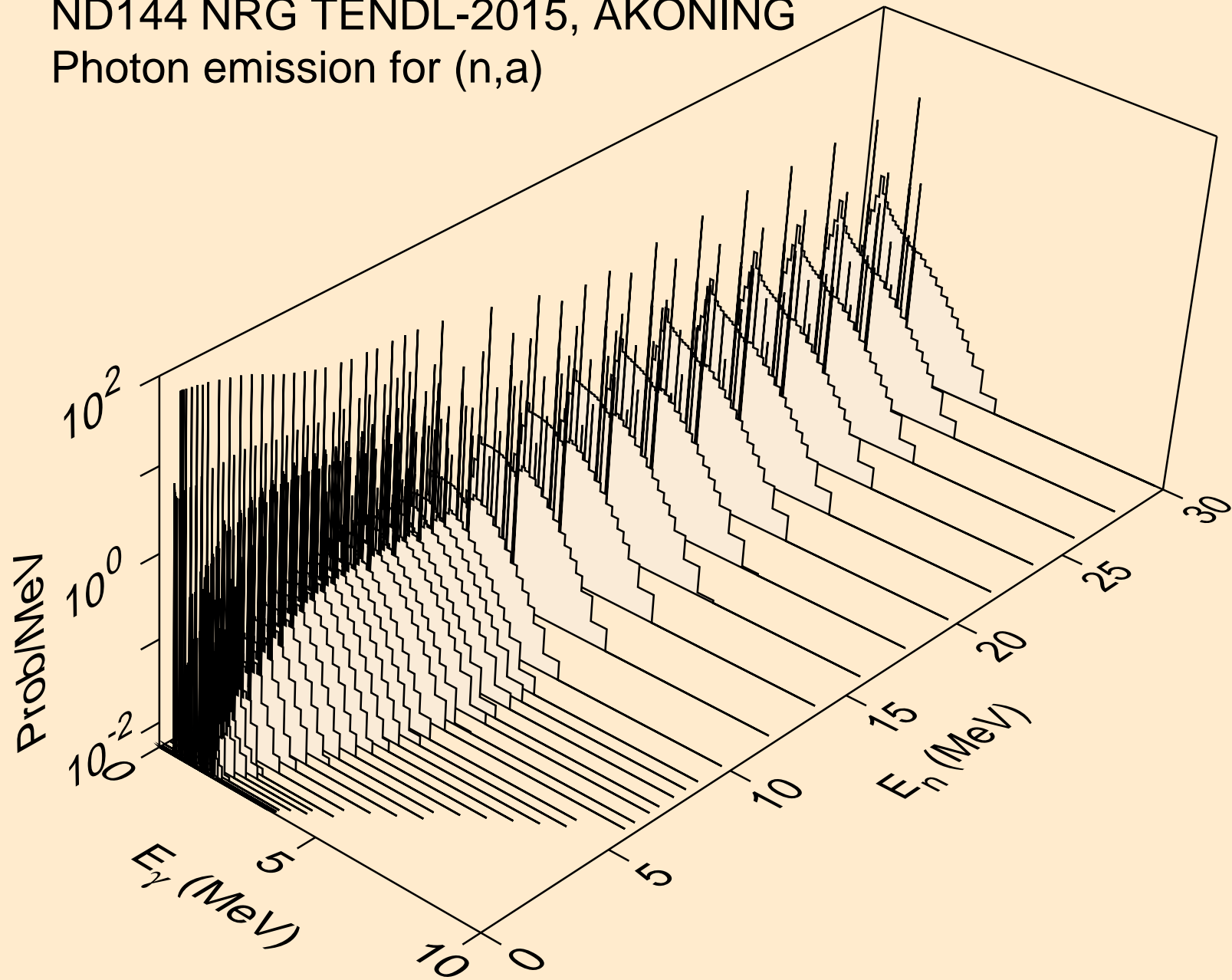




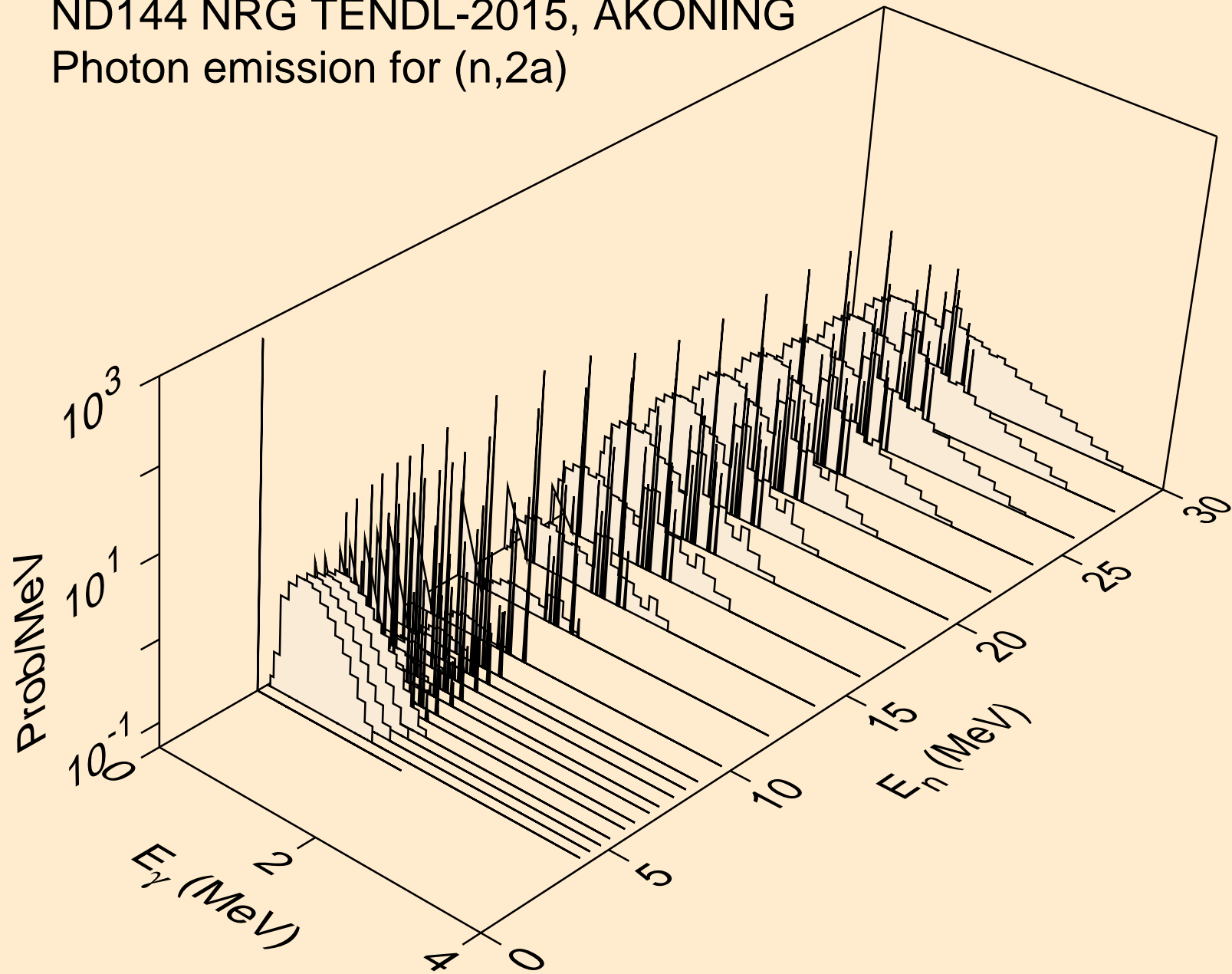
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



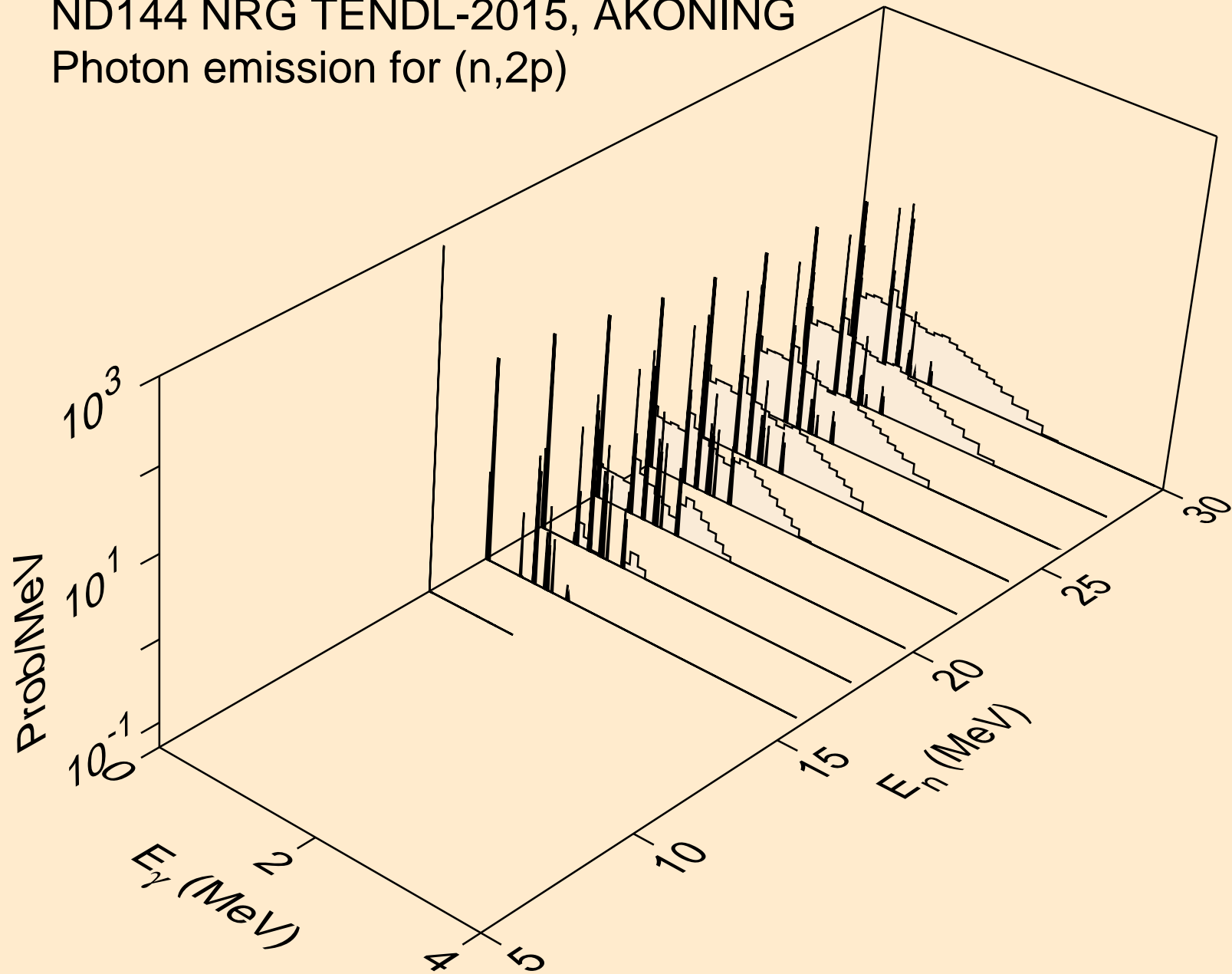
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



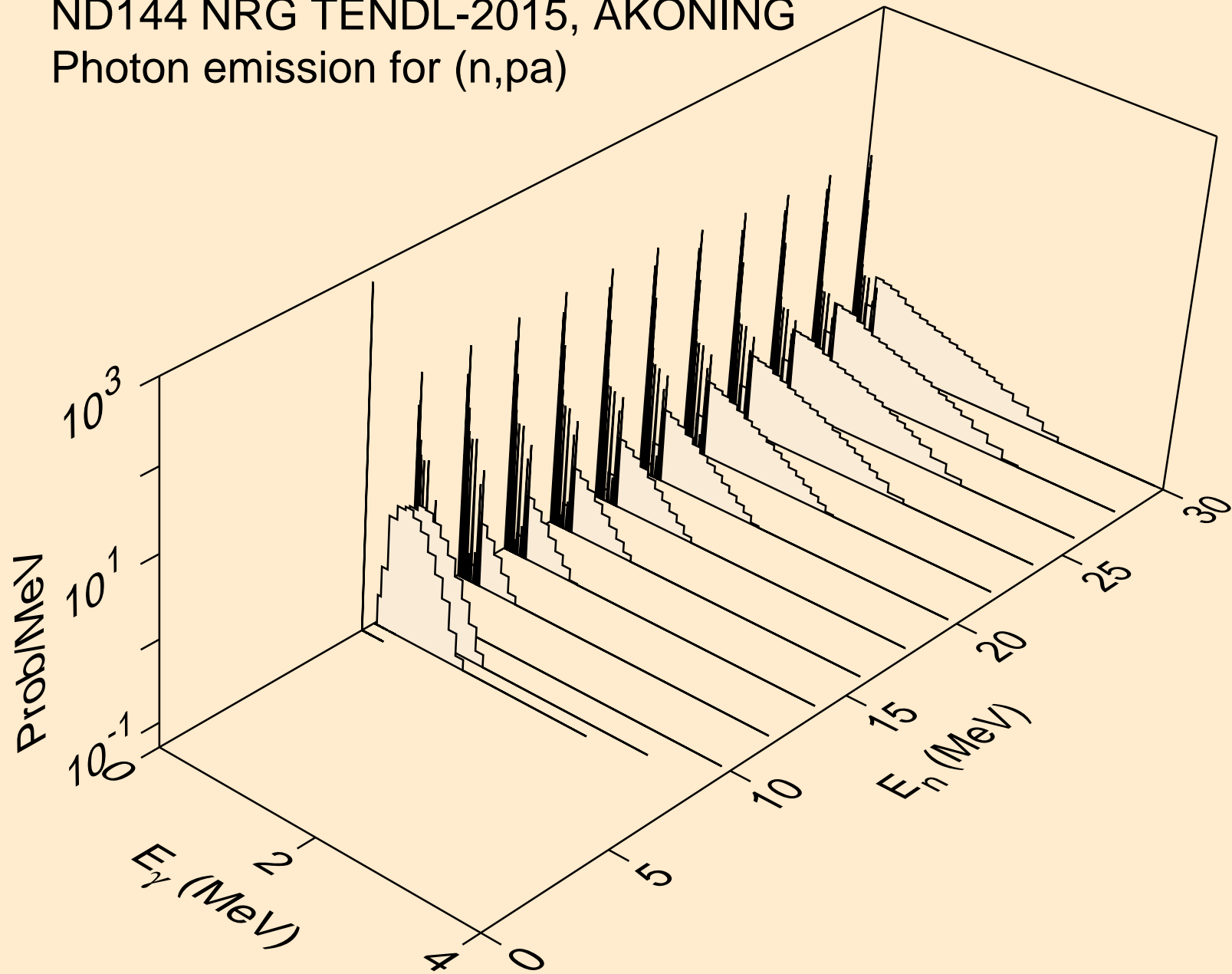
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



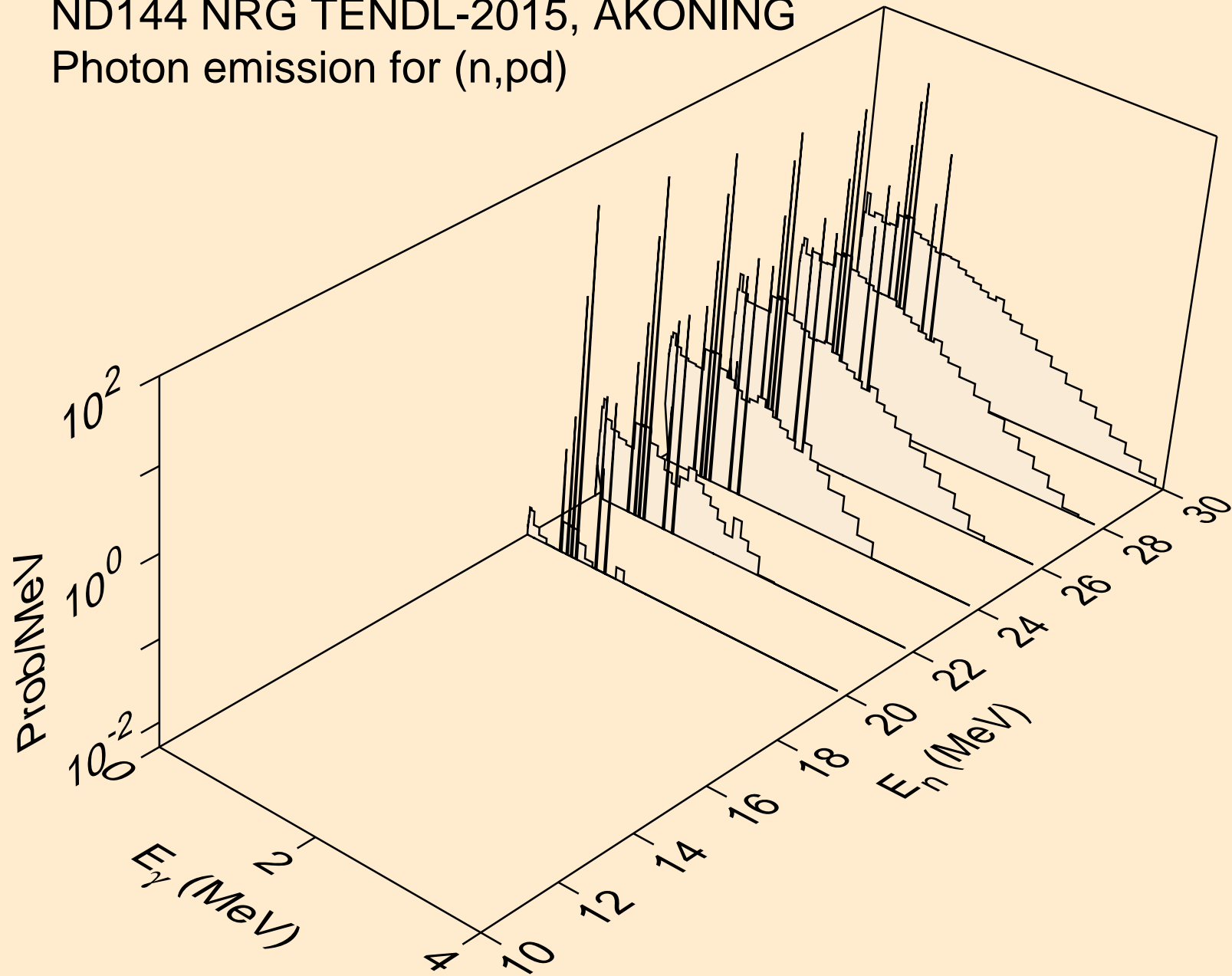
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



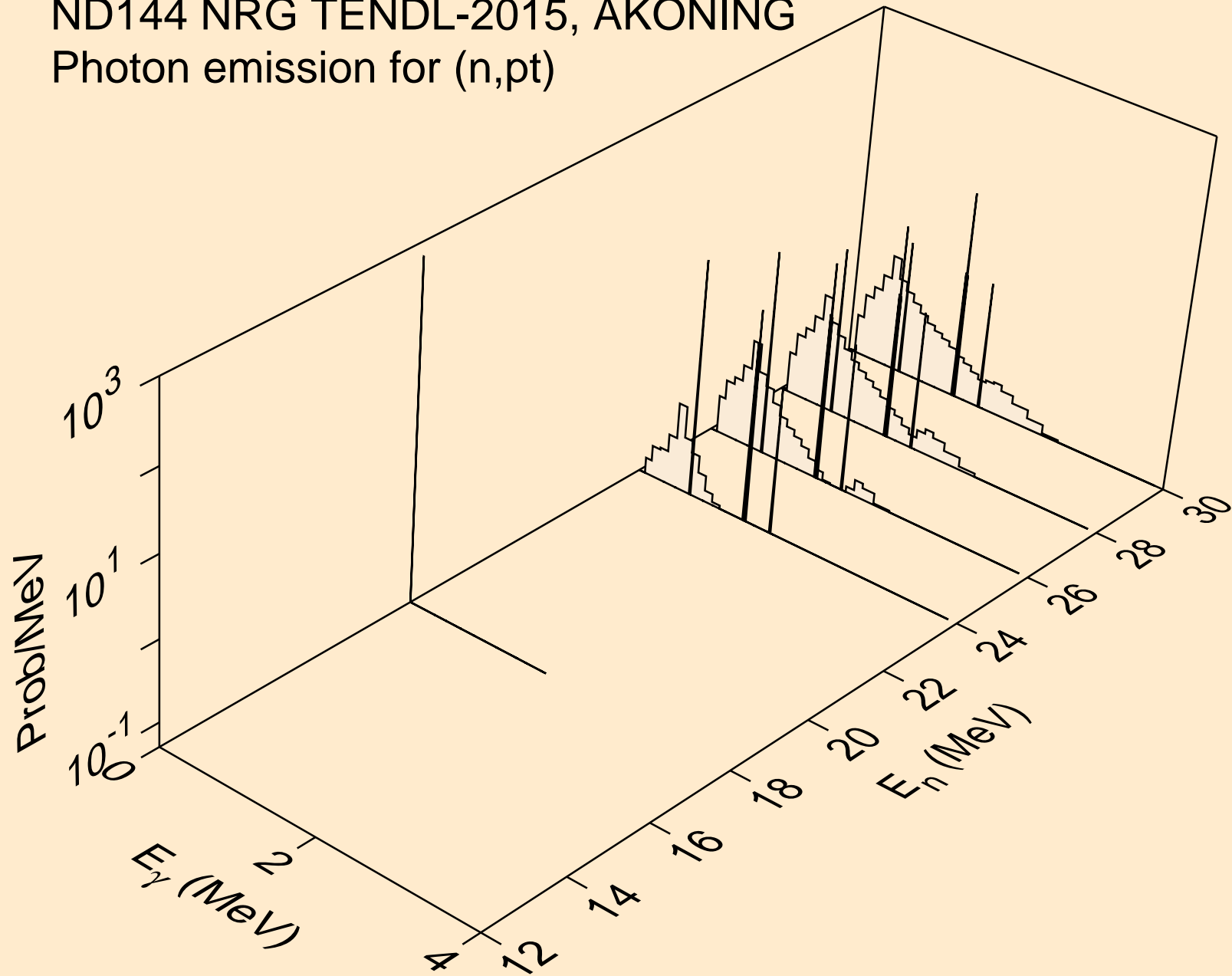
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



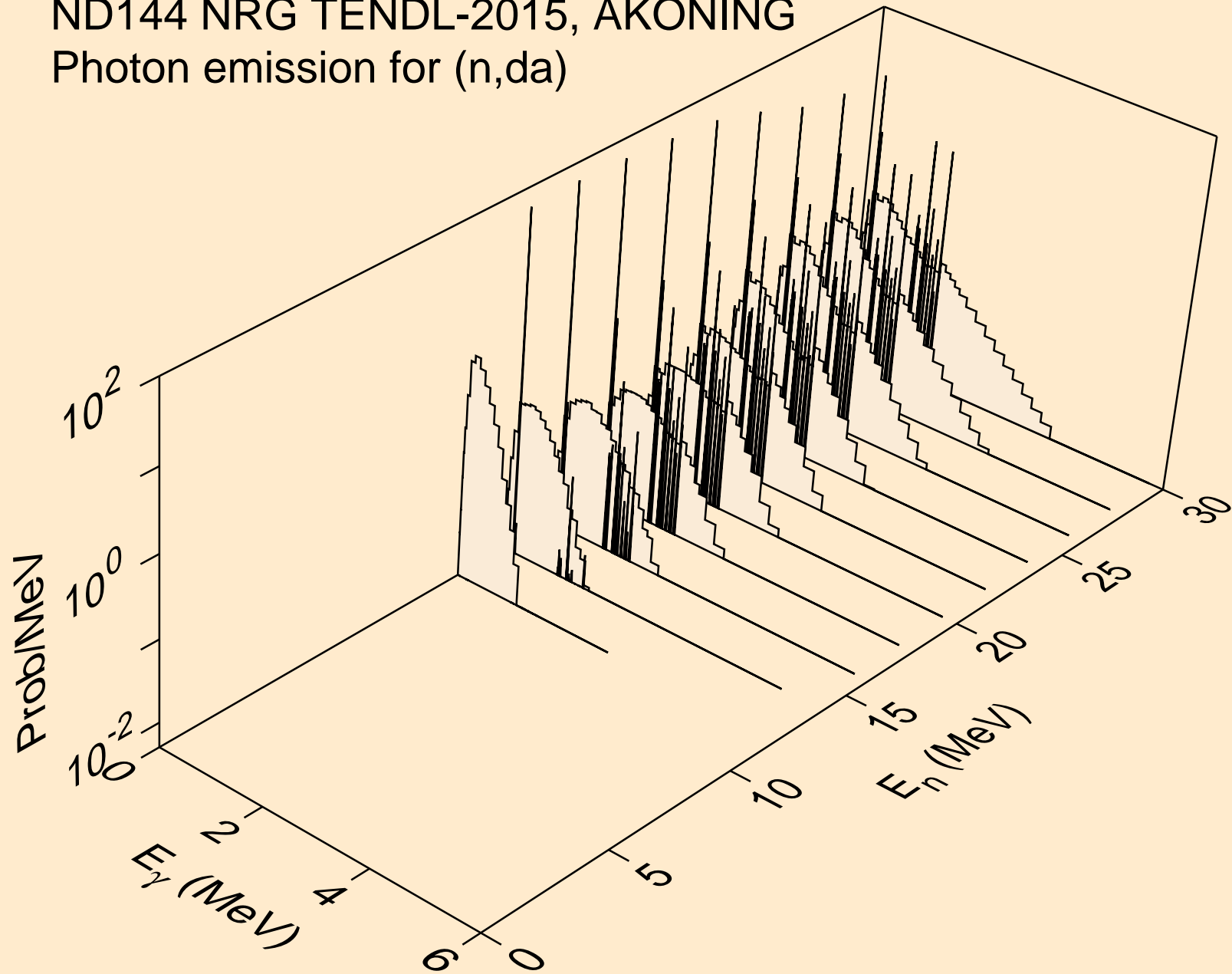
ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

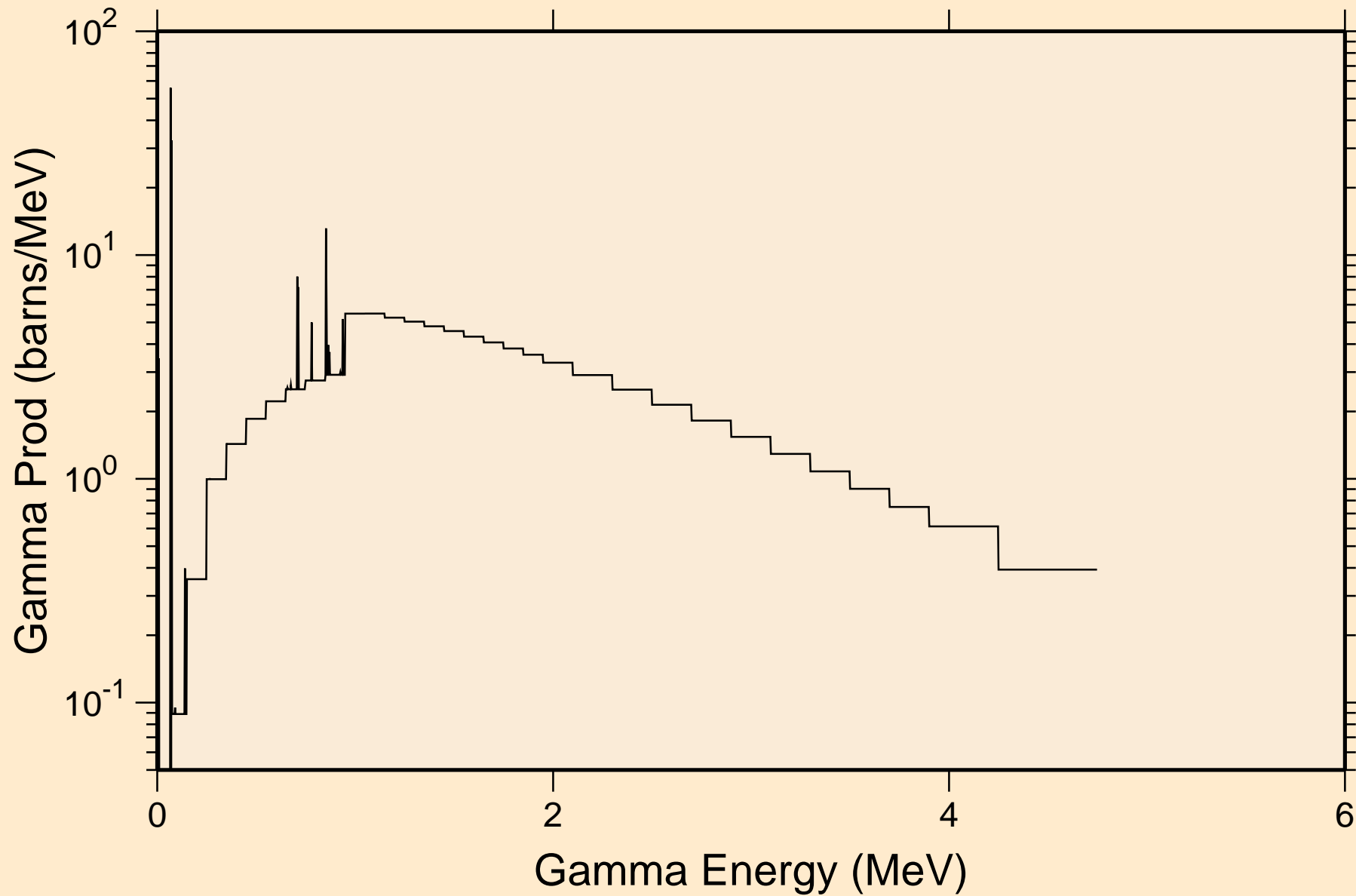


ND144 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

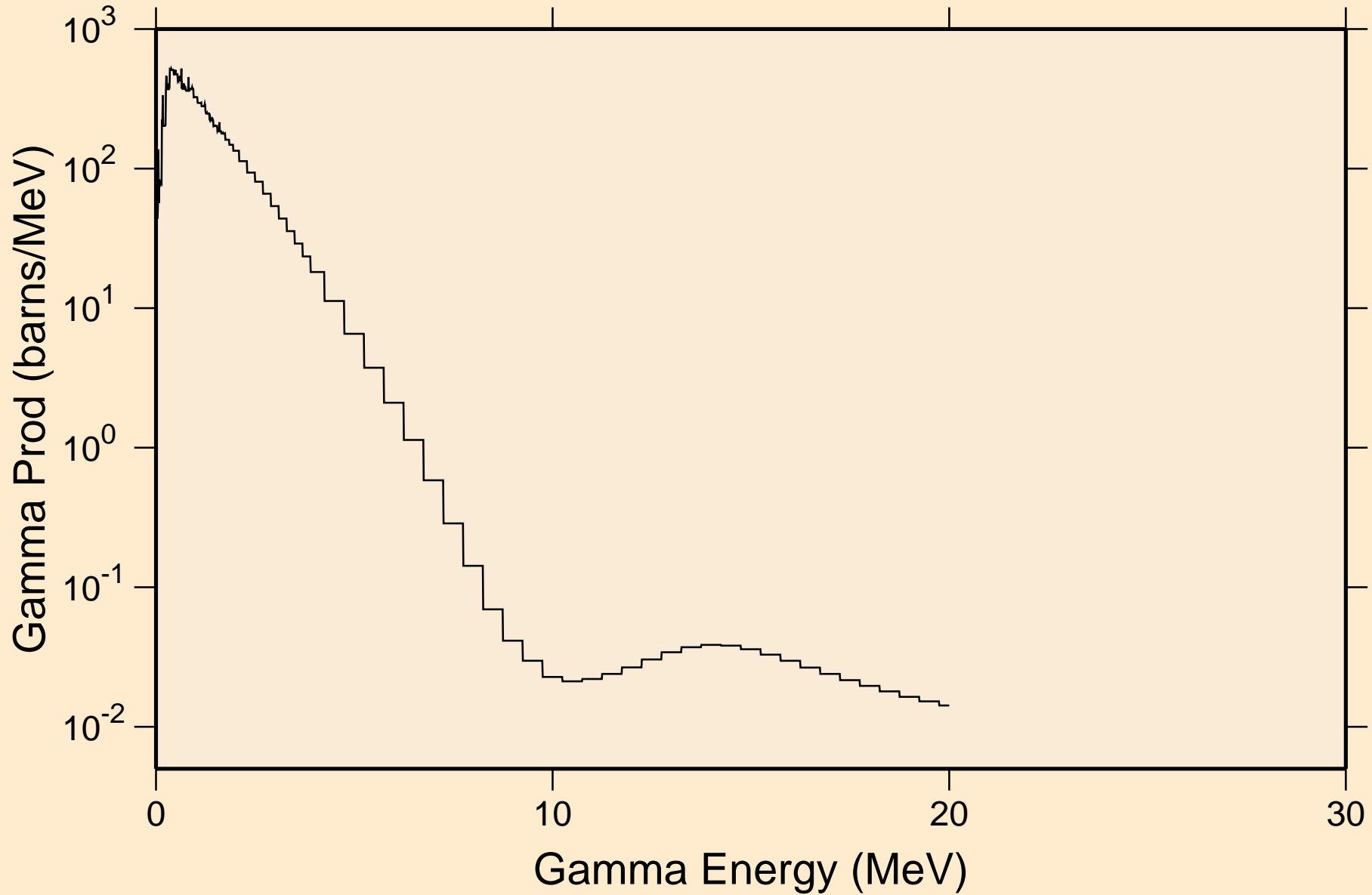




ND144 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

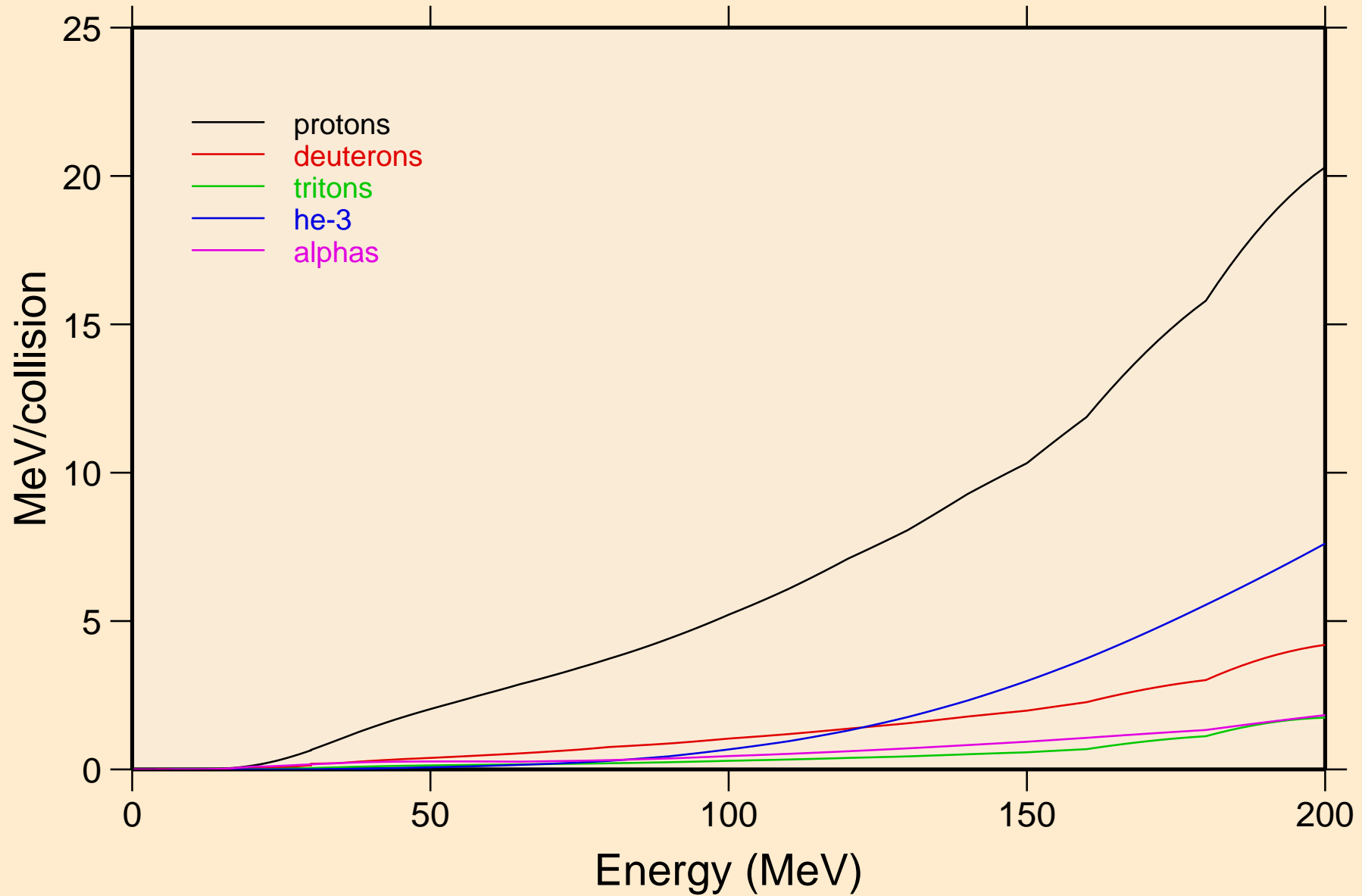


ND144 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



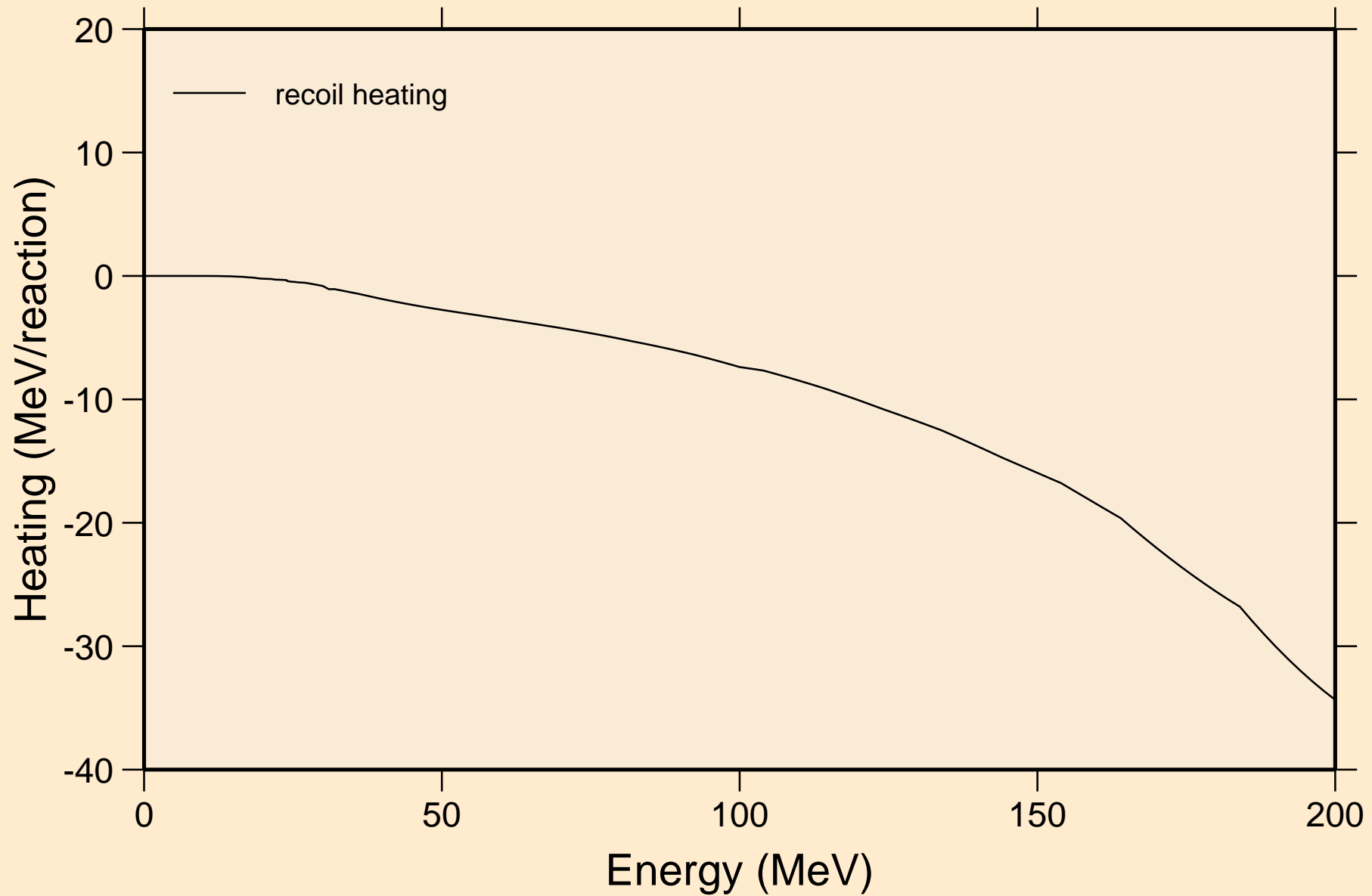
# ND144 NRG TENDL-2015, AKONING

## Particle heating contributions



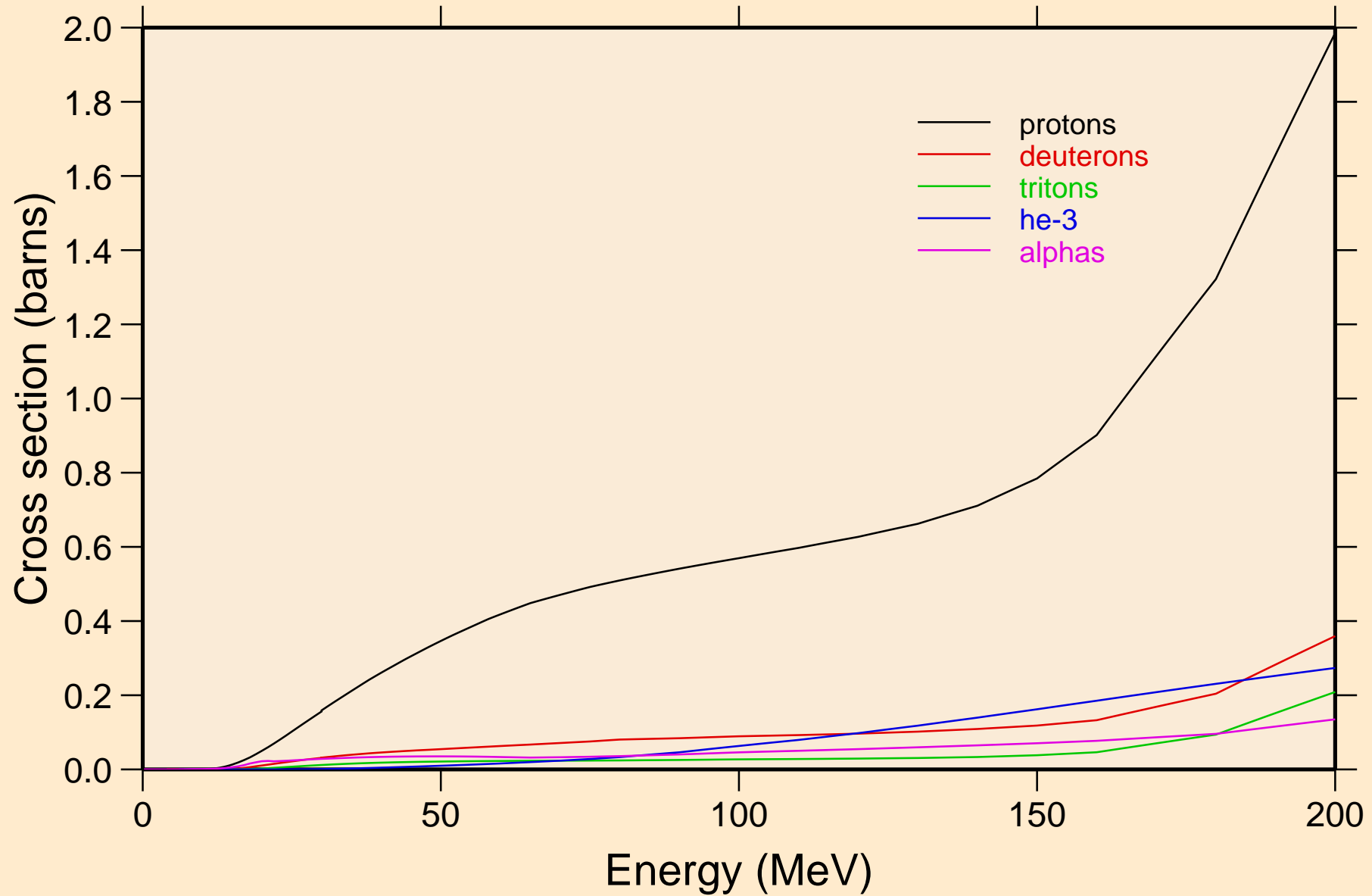
# ND144 NRG TENDL-2015, AKONING

## Recoil Heating

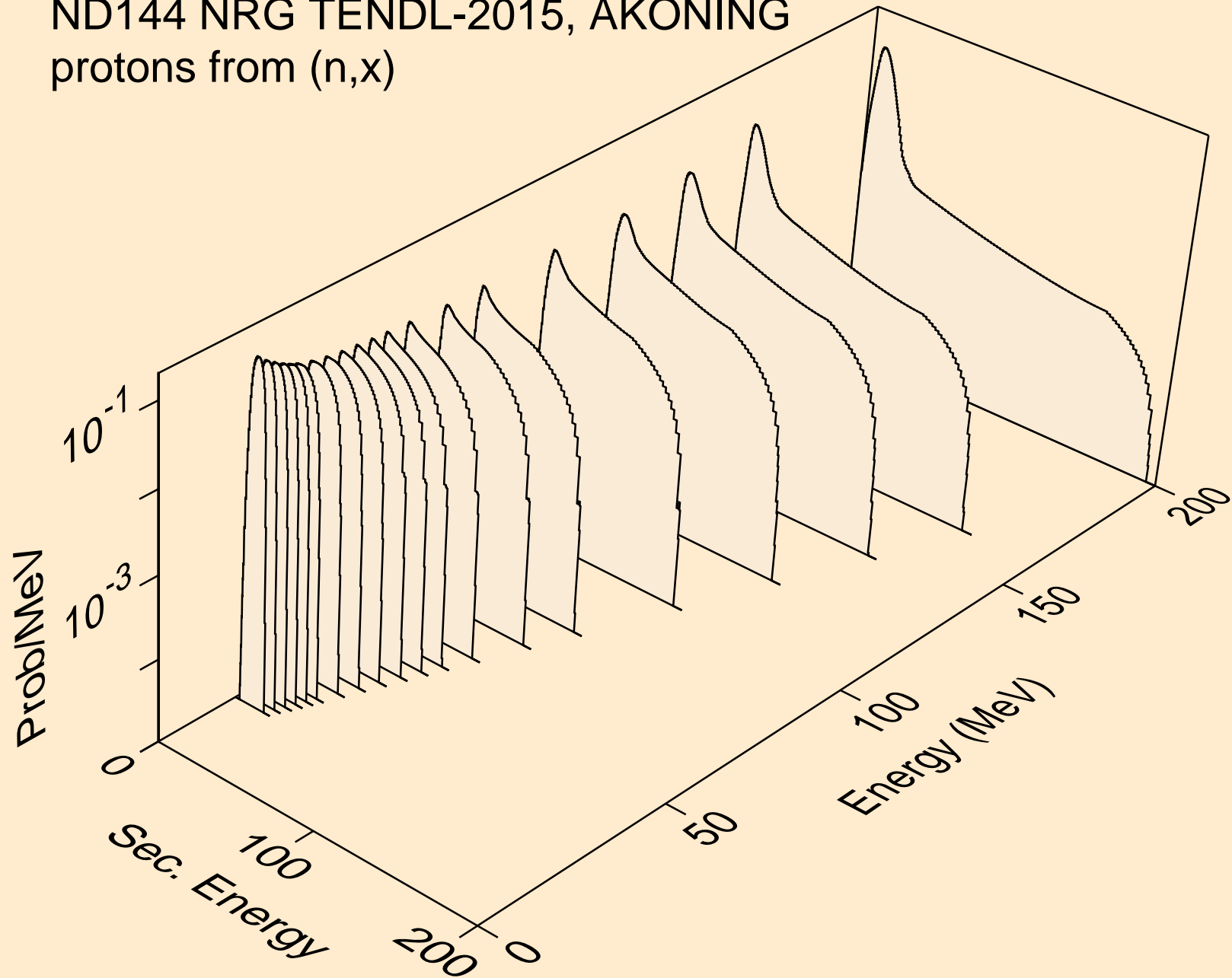


# ND144 NRG TENDL-2015, AKONING

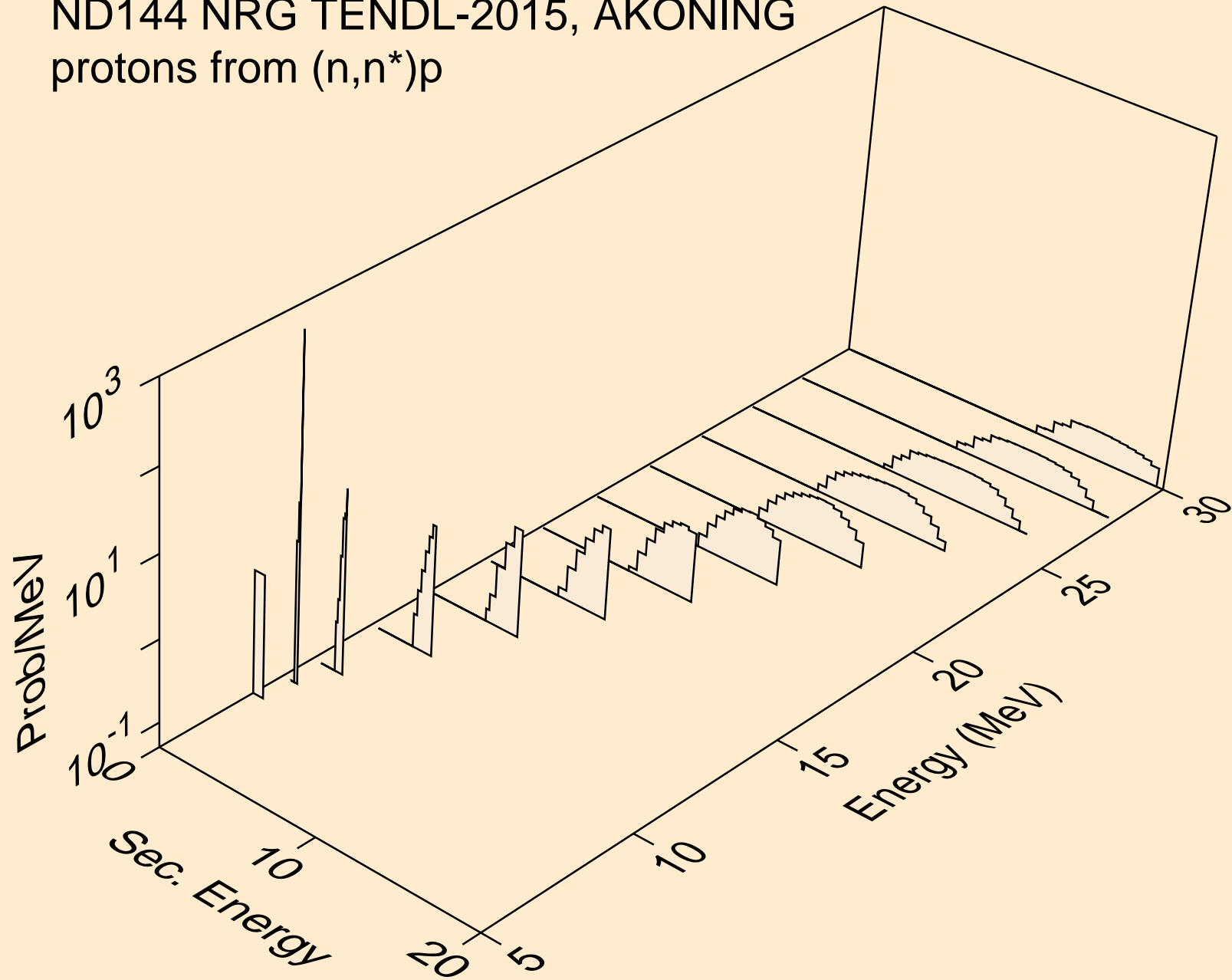
## Particle production cross sections



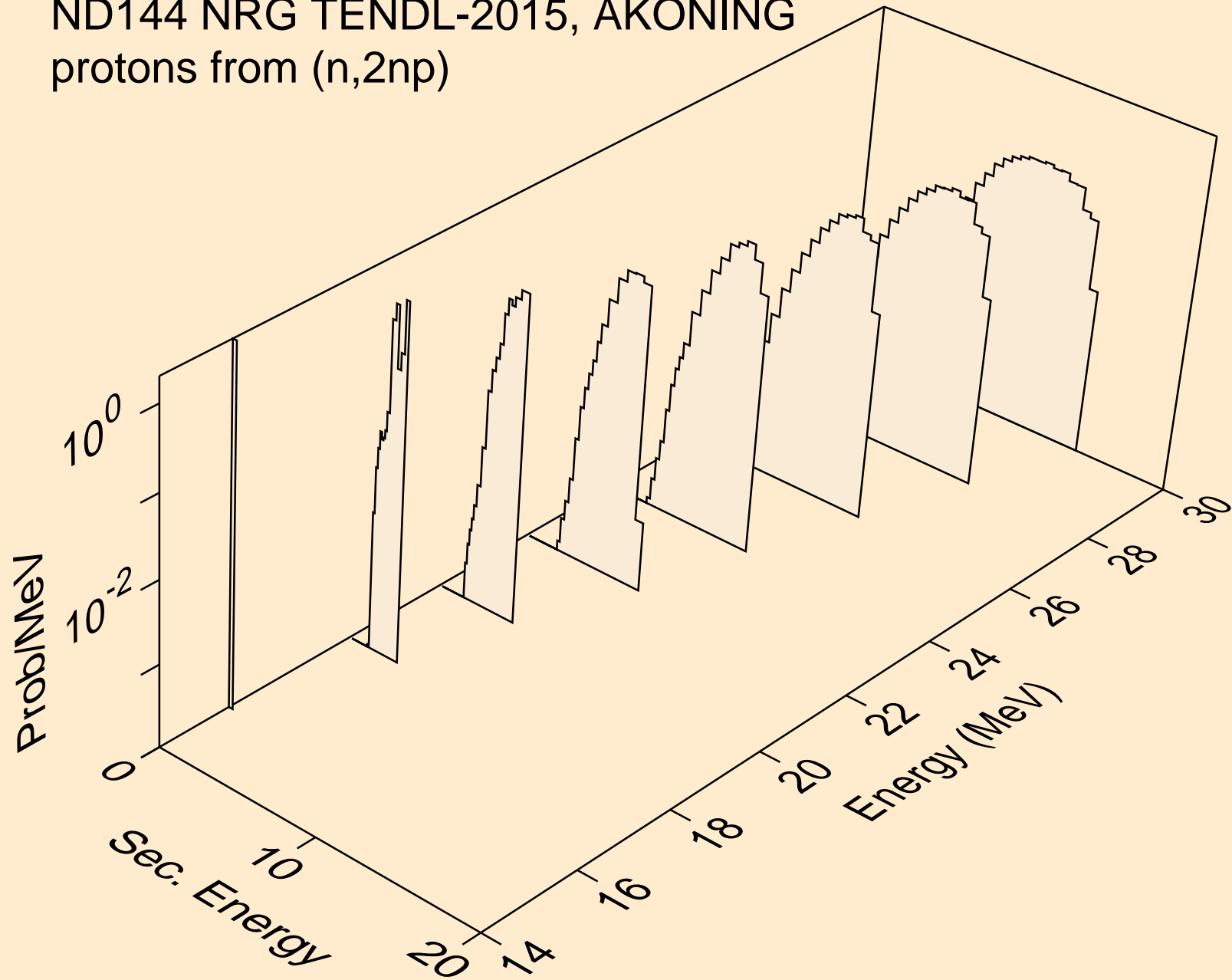
ND144 NRG TENDL-2015, AKONING  
protons from (n,x)



ND144 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

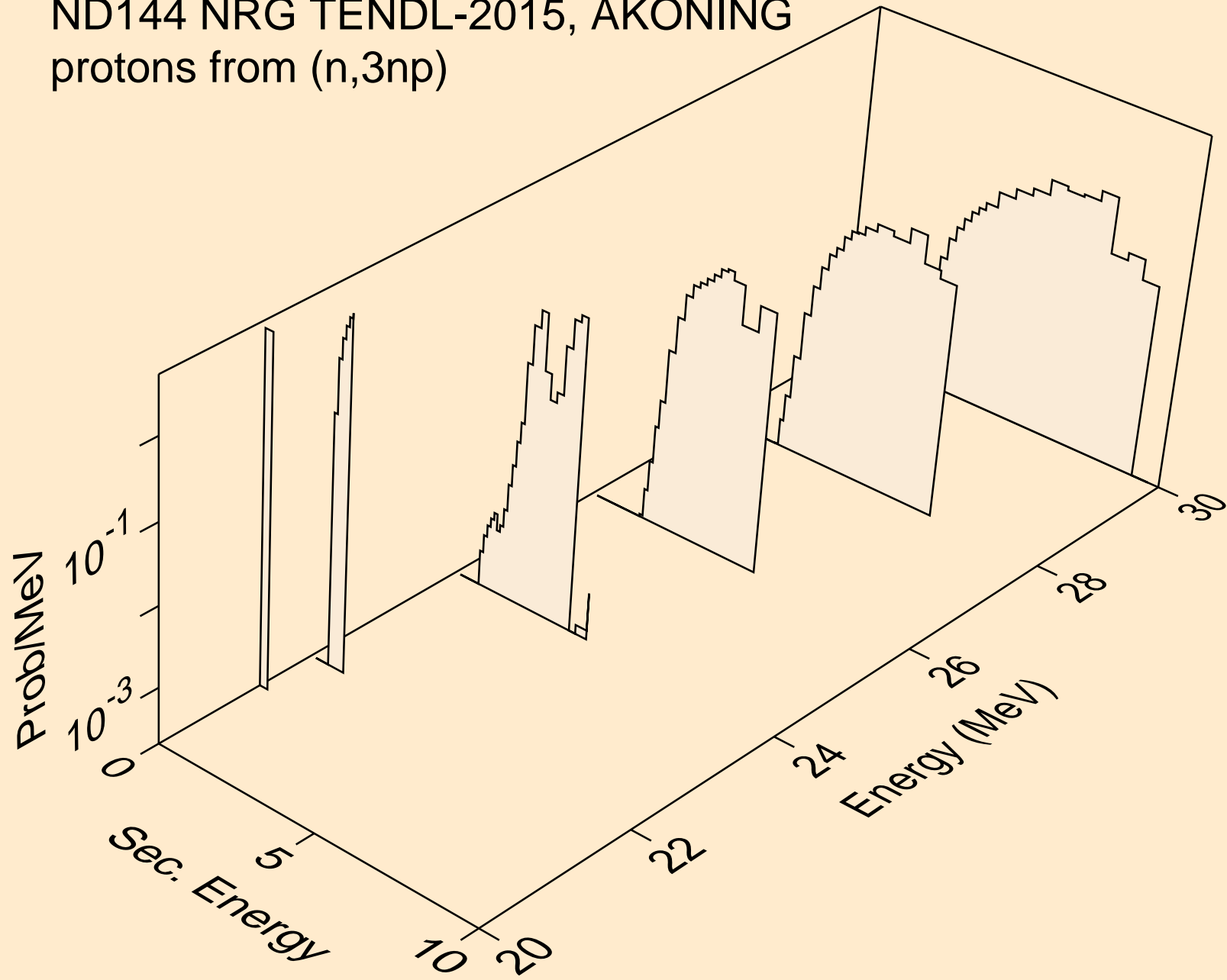


ND144 NRG TENDL-2015, AKONING  
protons from (n,2np)

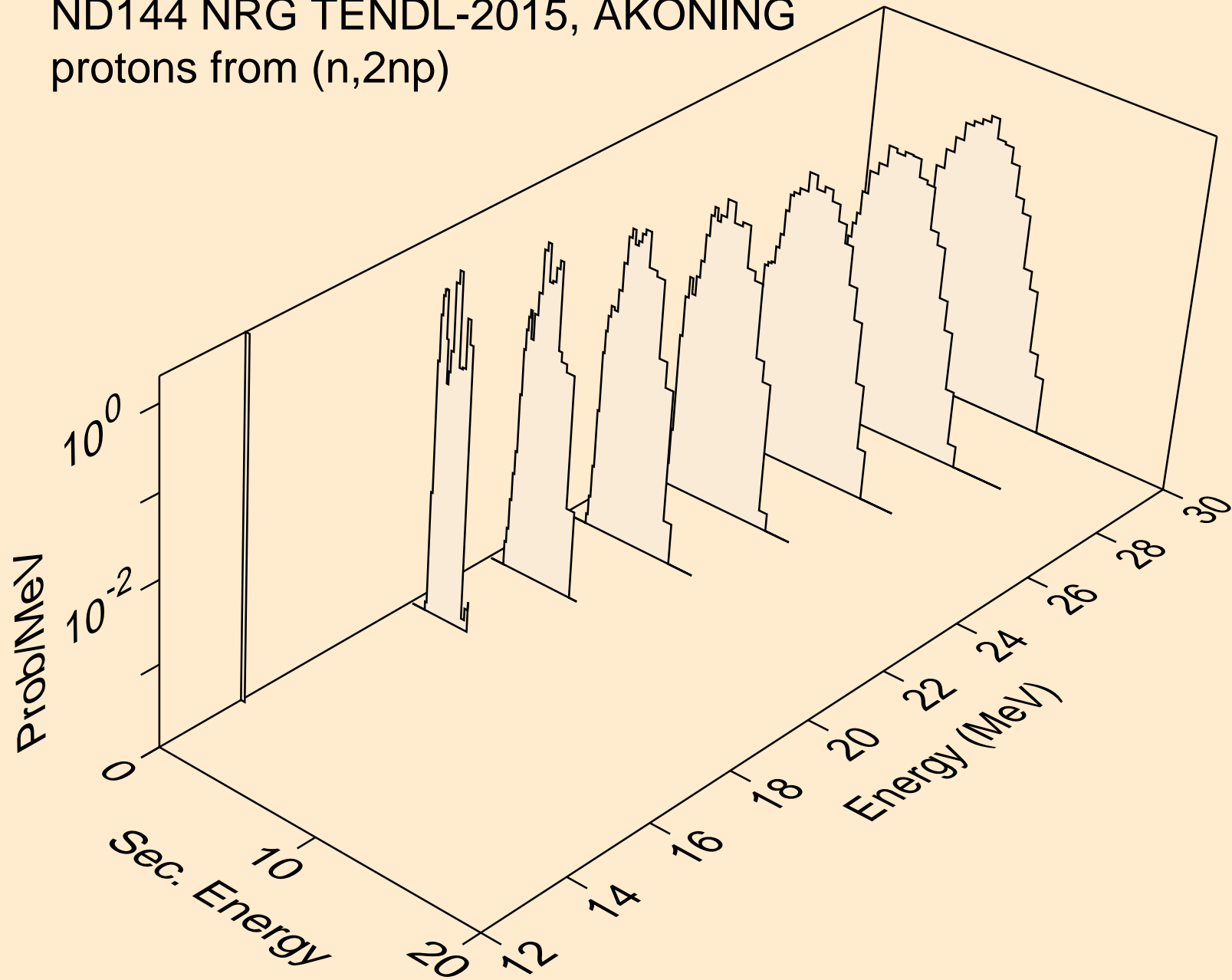




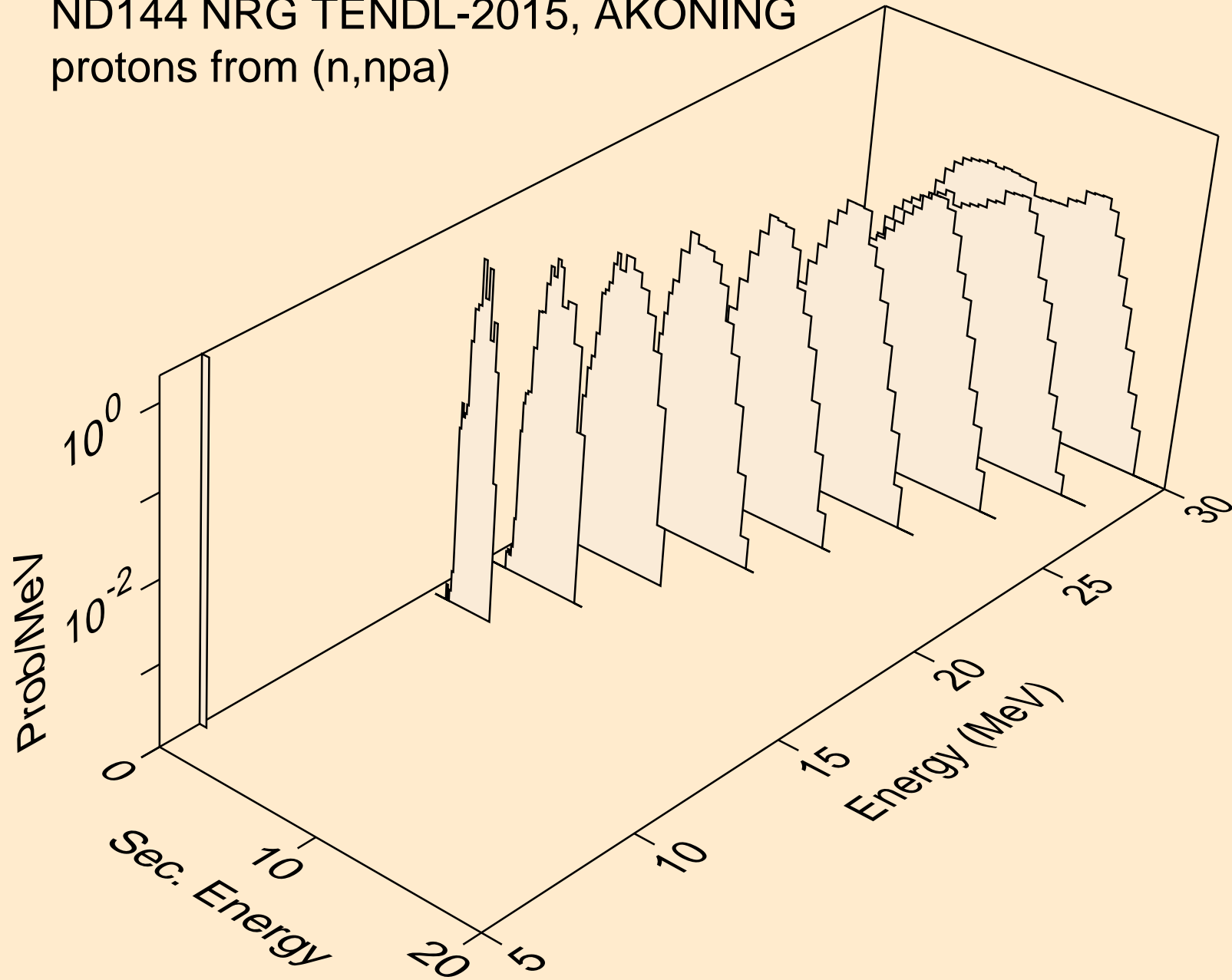
ND144 NRG TENDL-2015, AKONING  
protons from (n,3np)



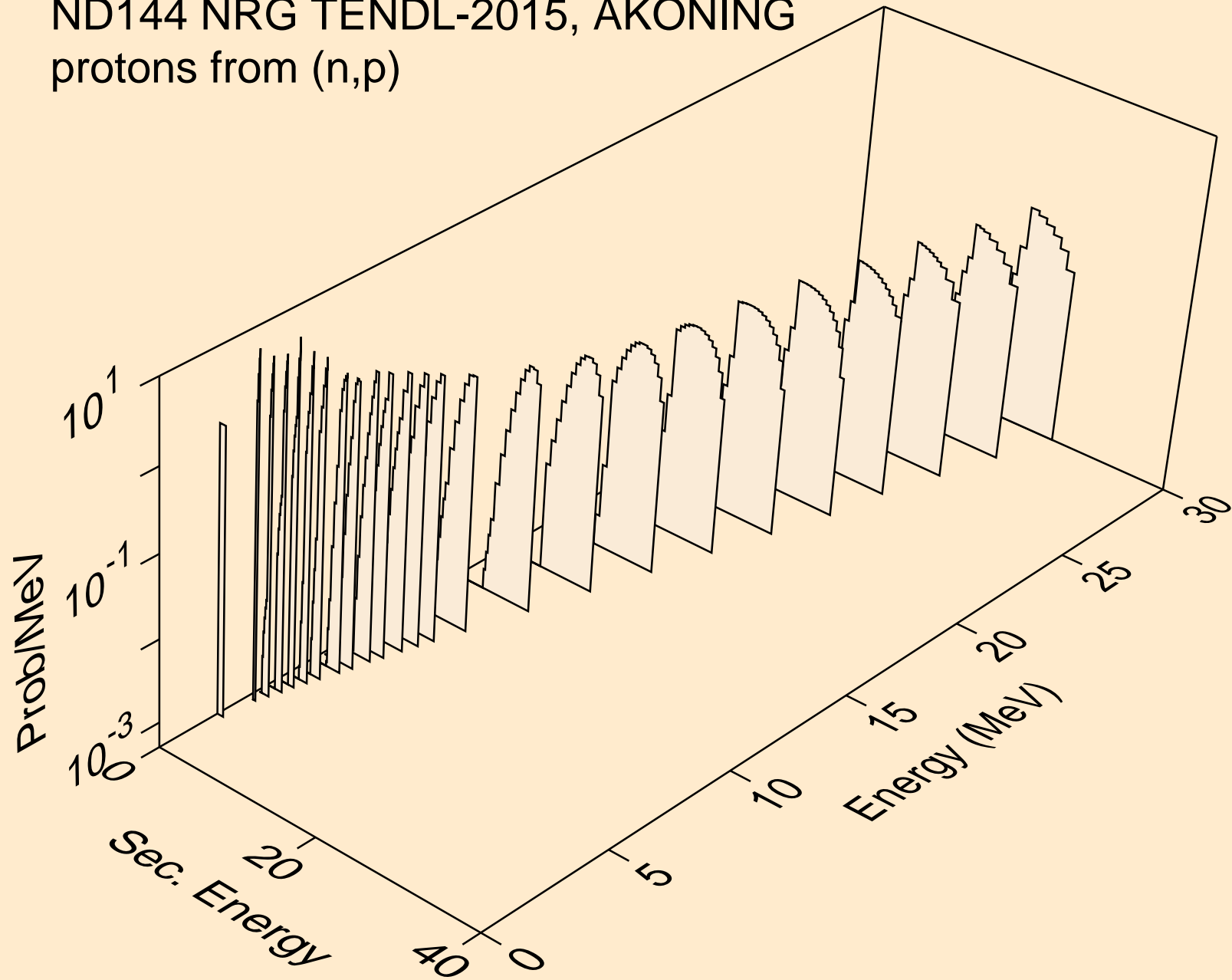
ND144 NRG TENDL-2015, AKONING  
protons from (n,2np)



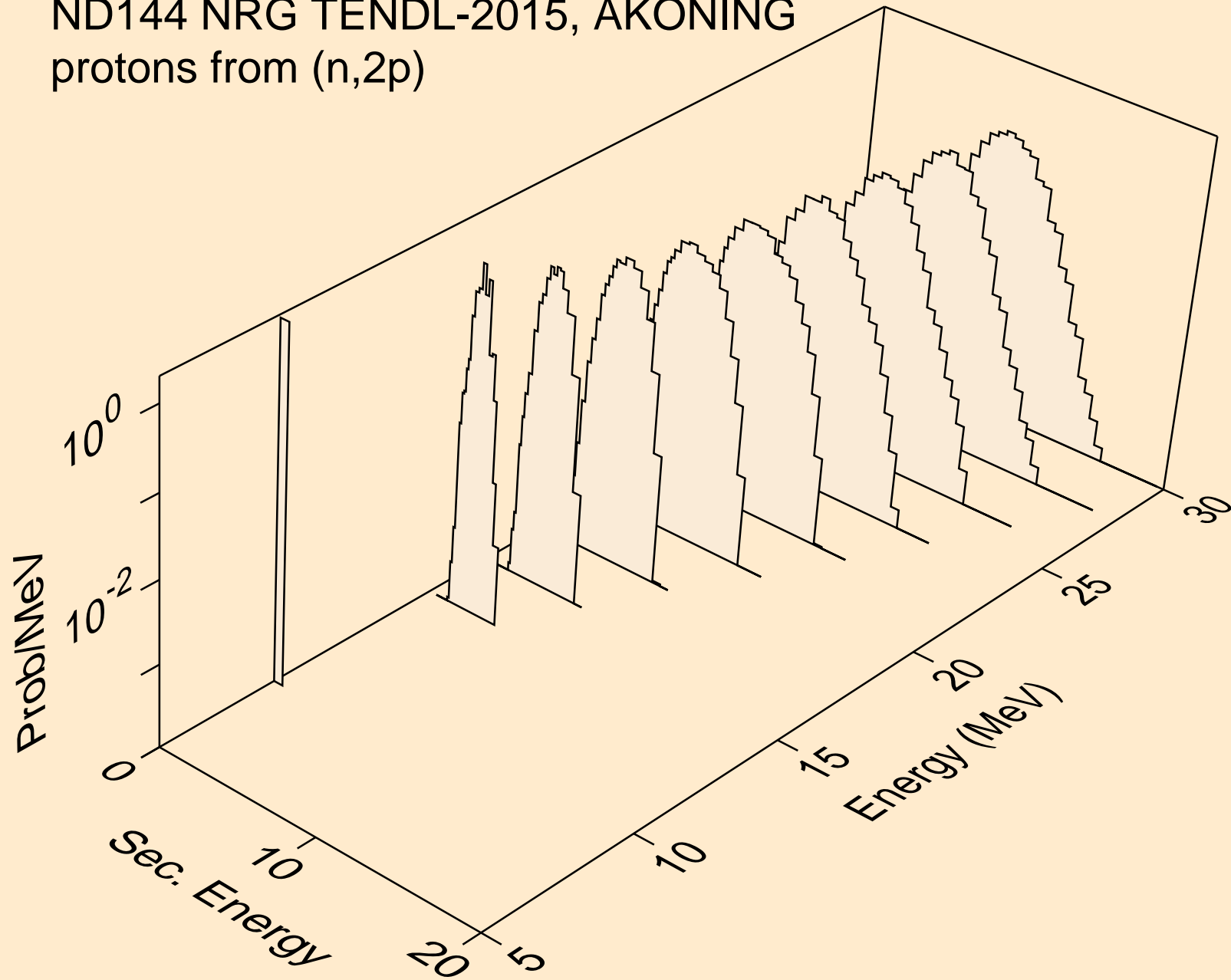
ND144 NRG TENDL-2015, AKONING  
protons from (n,npa)



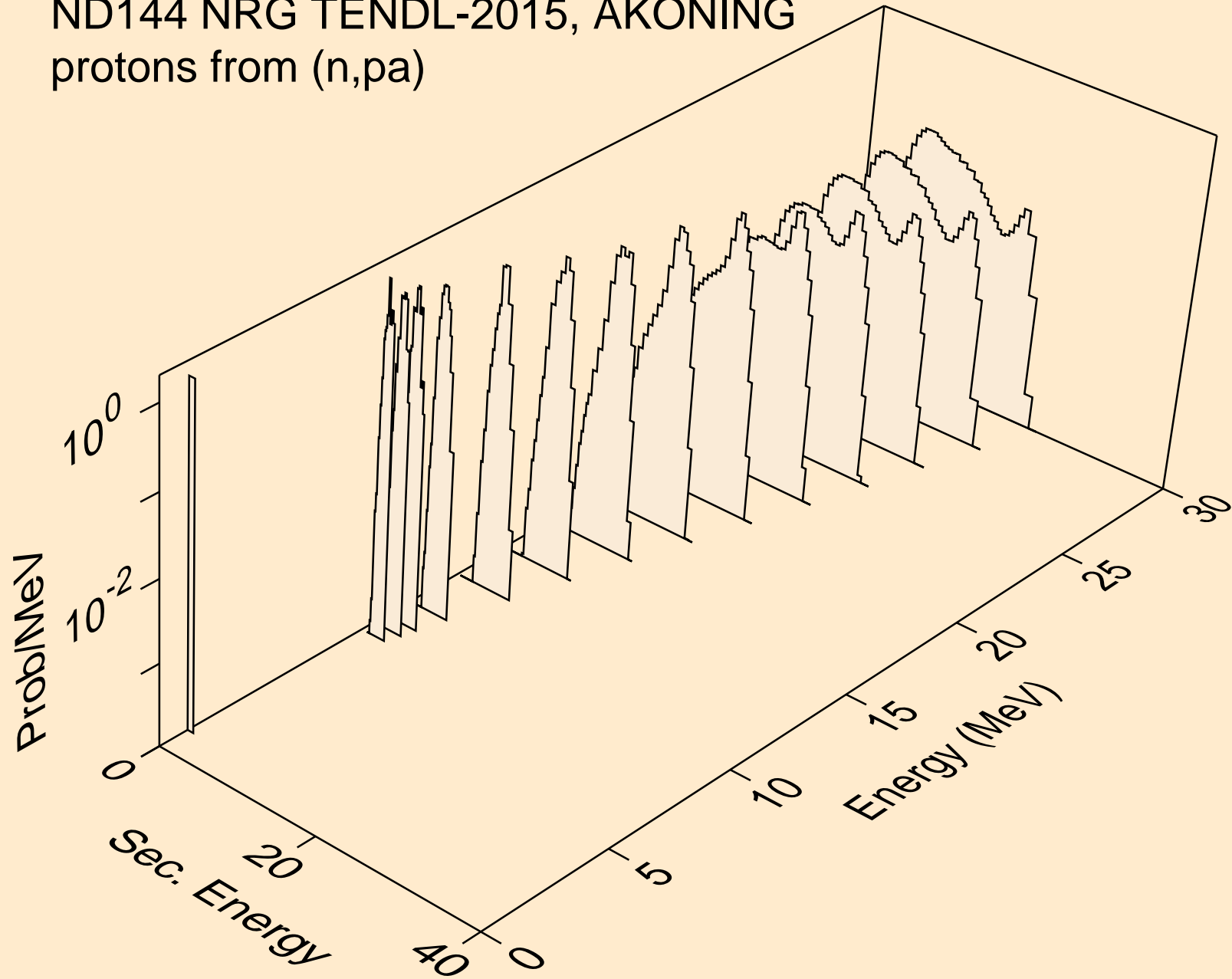
ND144 NRG TENDL-2015, AKONING  
protons from (n,p)



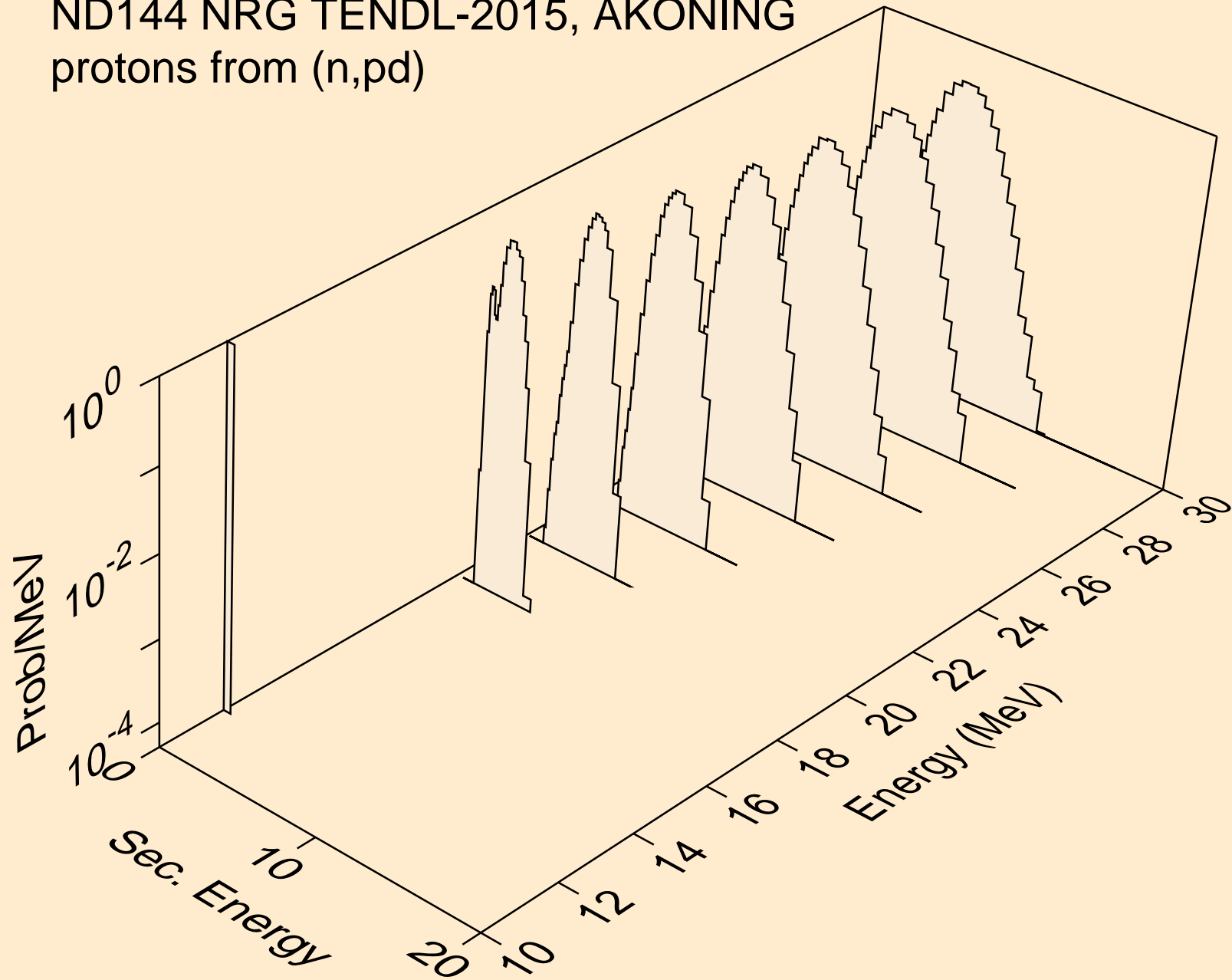
ND144 NRG TENDL-2015, AKONING  
protons from (n,2p)



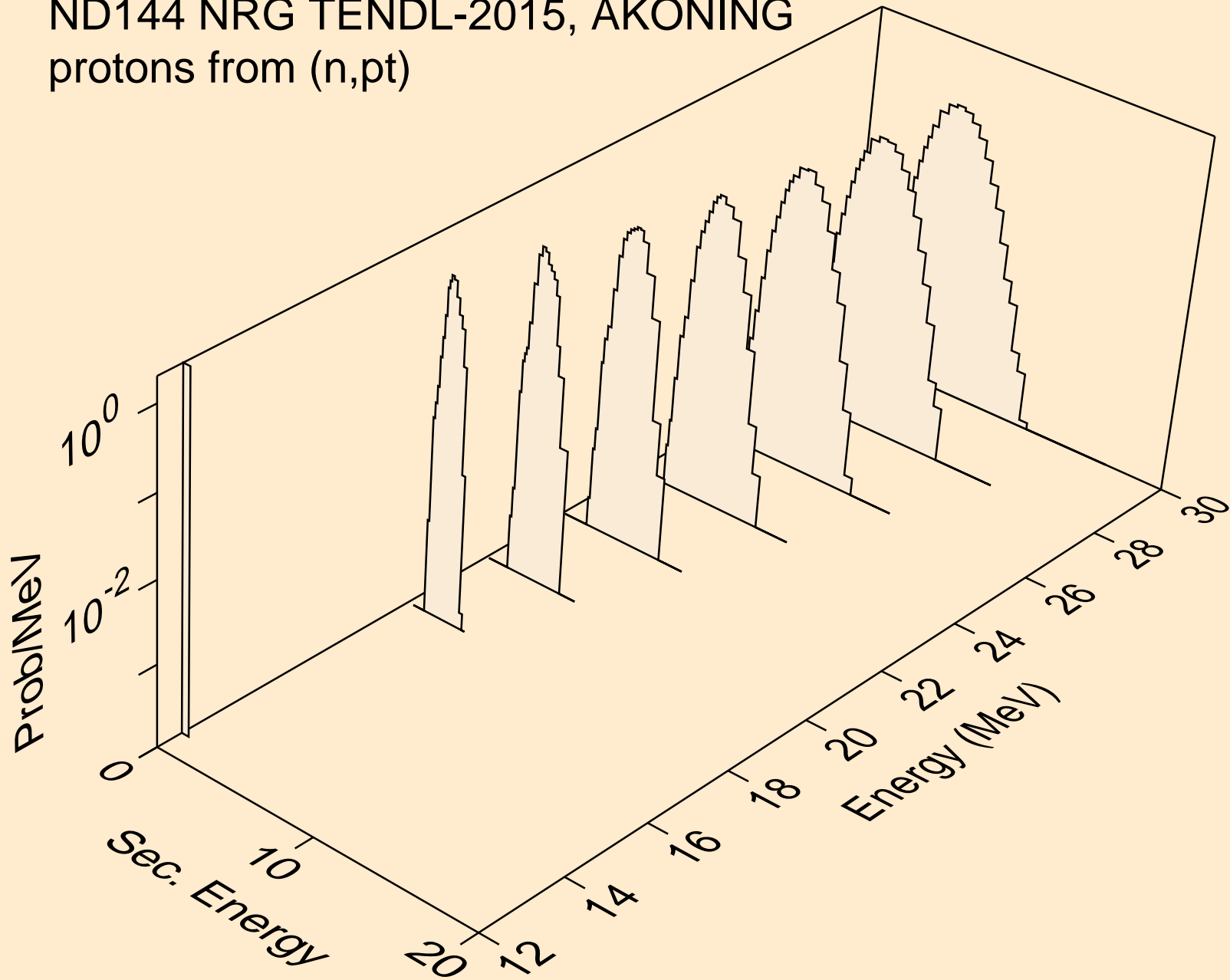
ND144 NRG TENDL-2015, AKONING  
protons from (n,pa)



ND144 NRG TENDL-2015, AKONING  
protons from (n,pd)

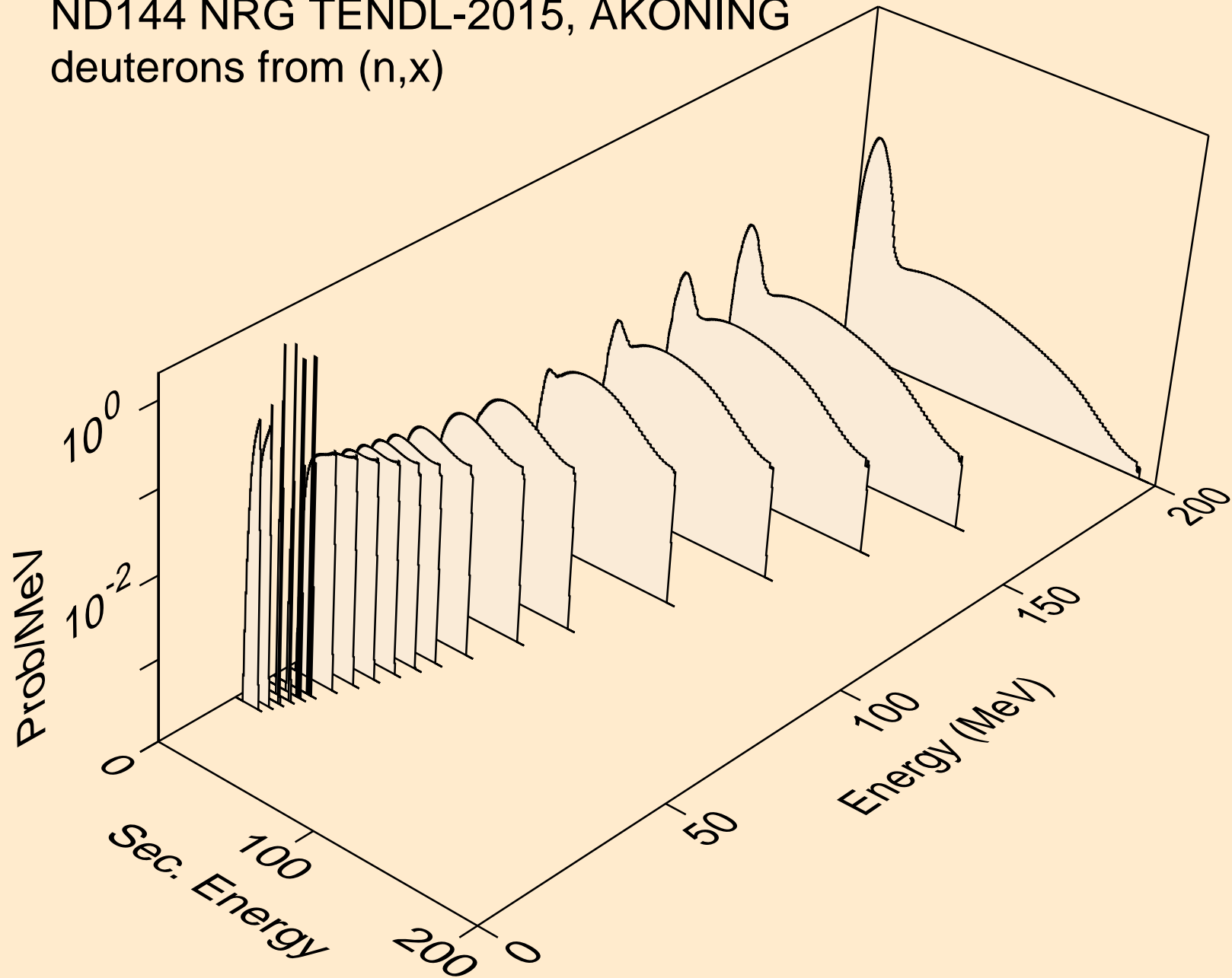


ND144 NRG TENDL-2015, AKONING  
protons from (n,pt)

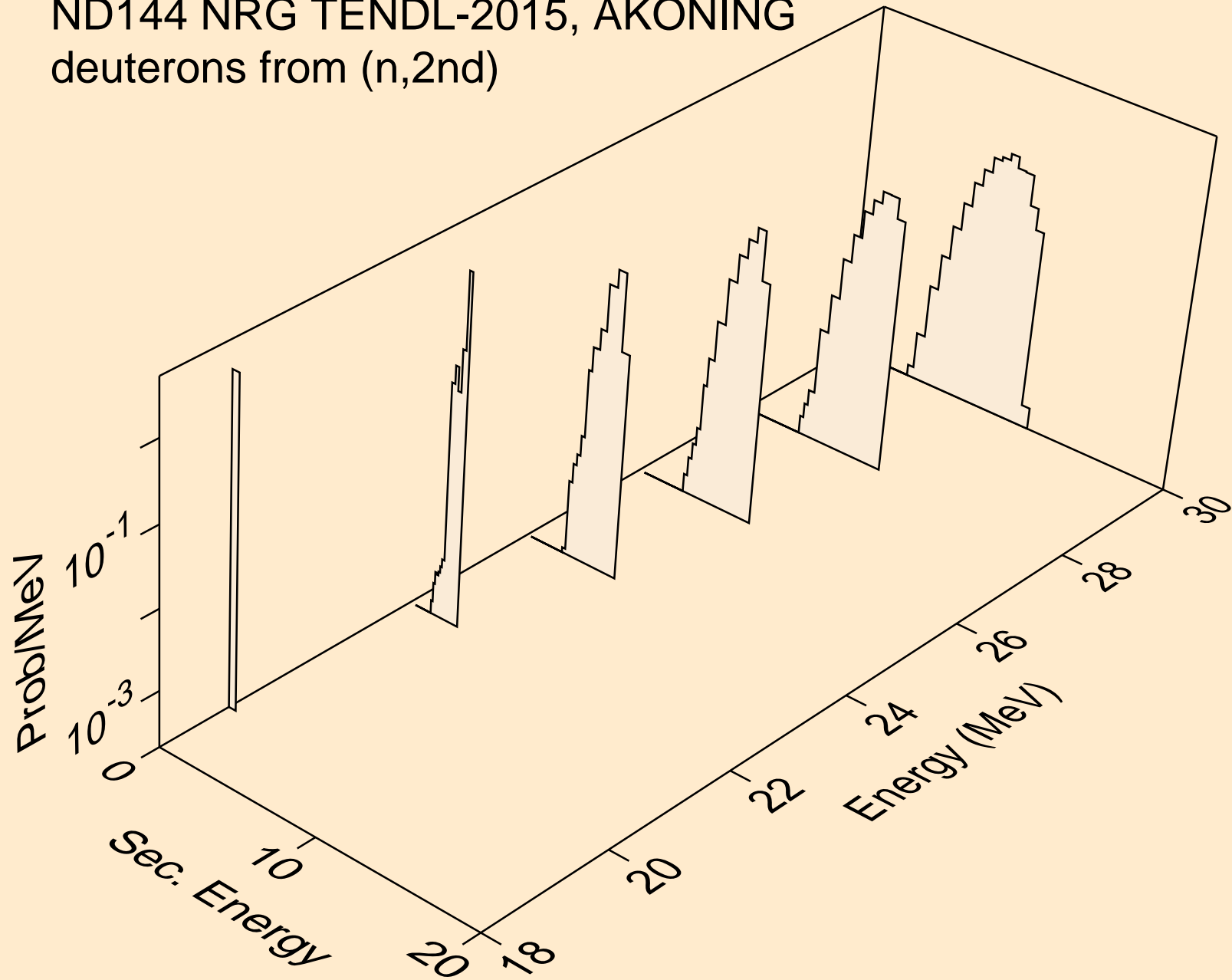




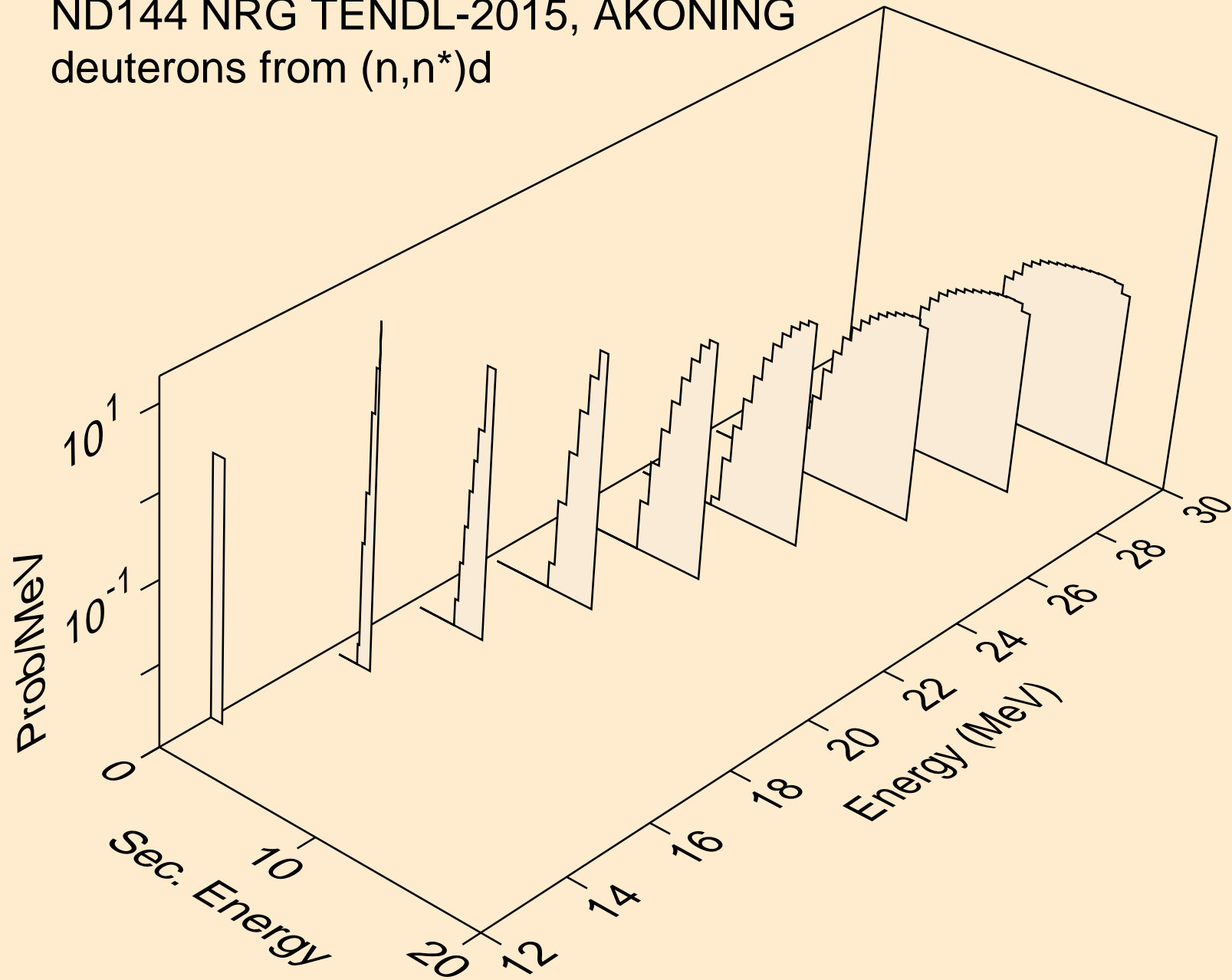
ND144 NRG TENDL-2015, AKONING  
deuterons from (n,x)



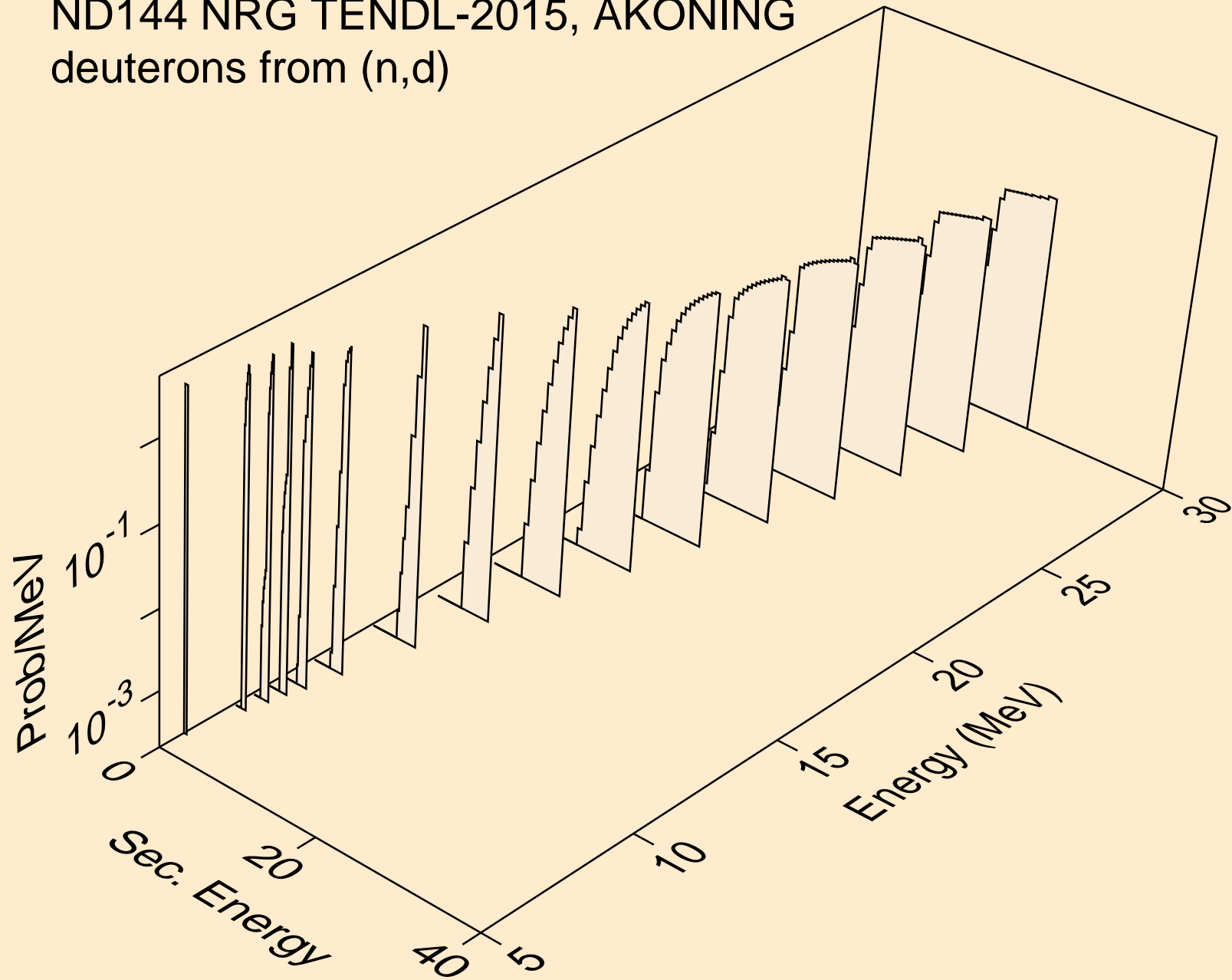
ND144 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



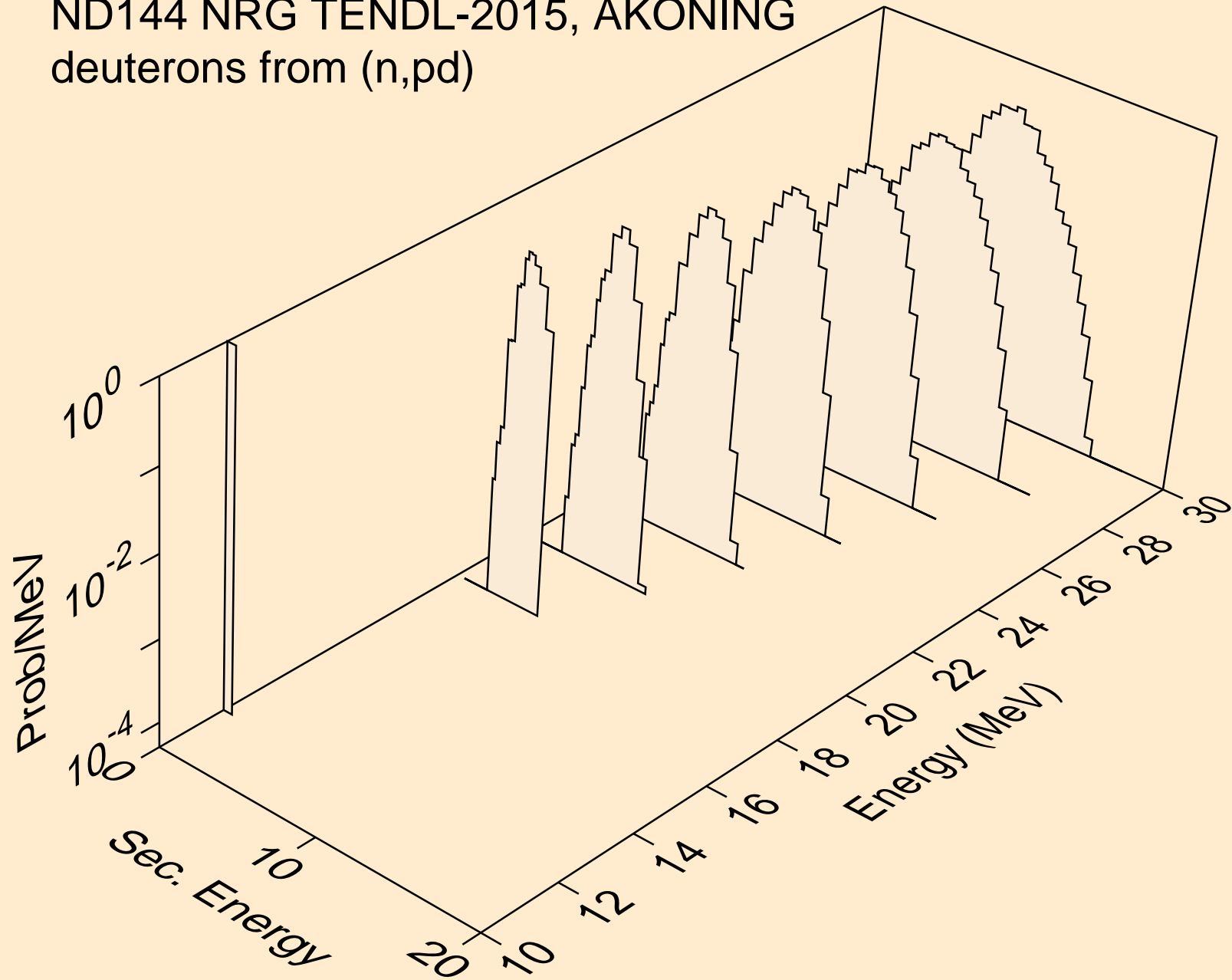
ND144 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



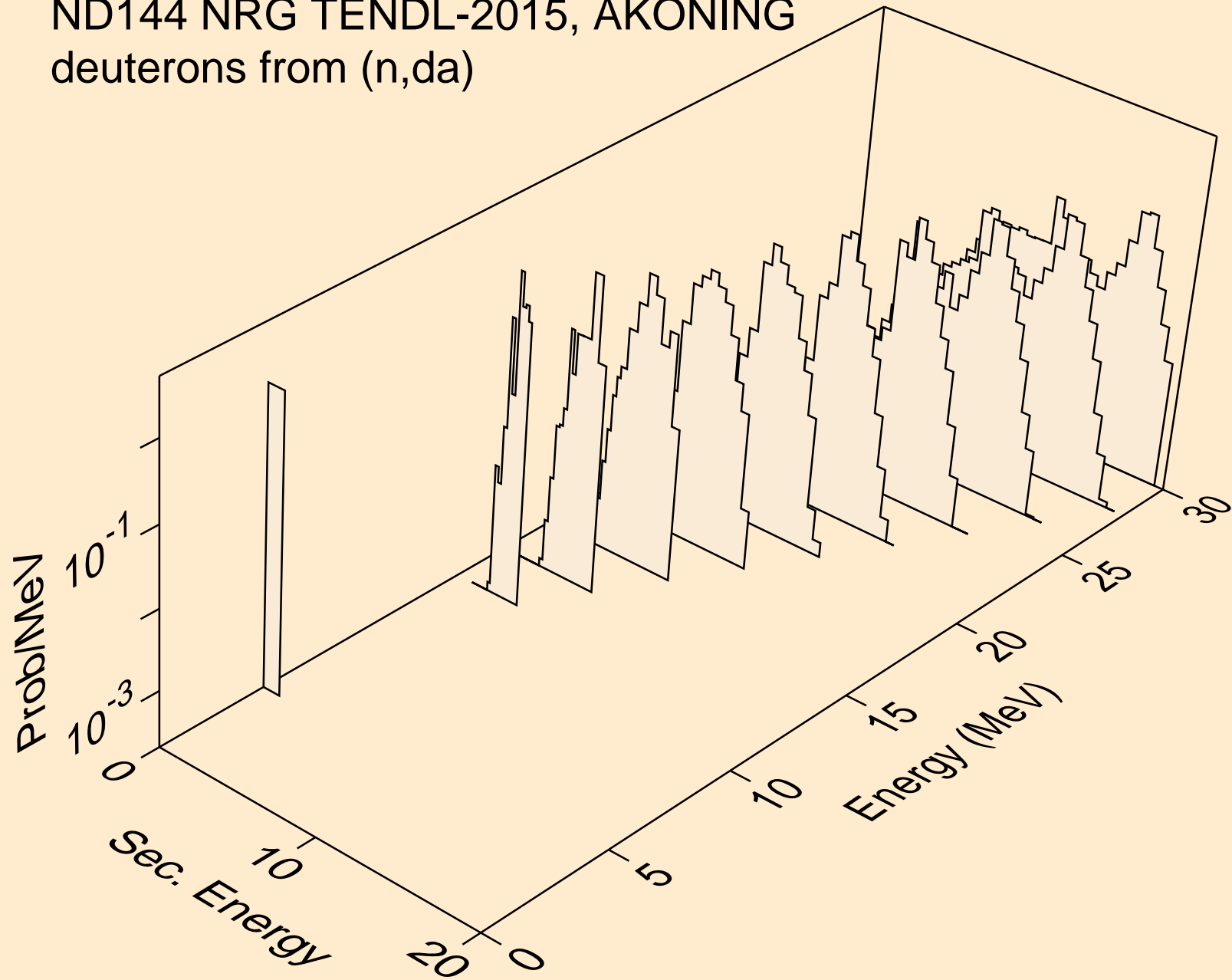
ND144 NRG TENDL-2015, AKONING  
deuterons from (n,d)



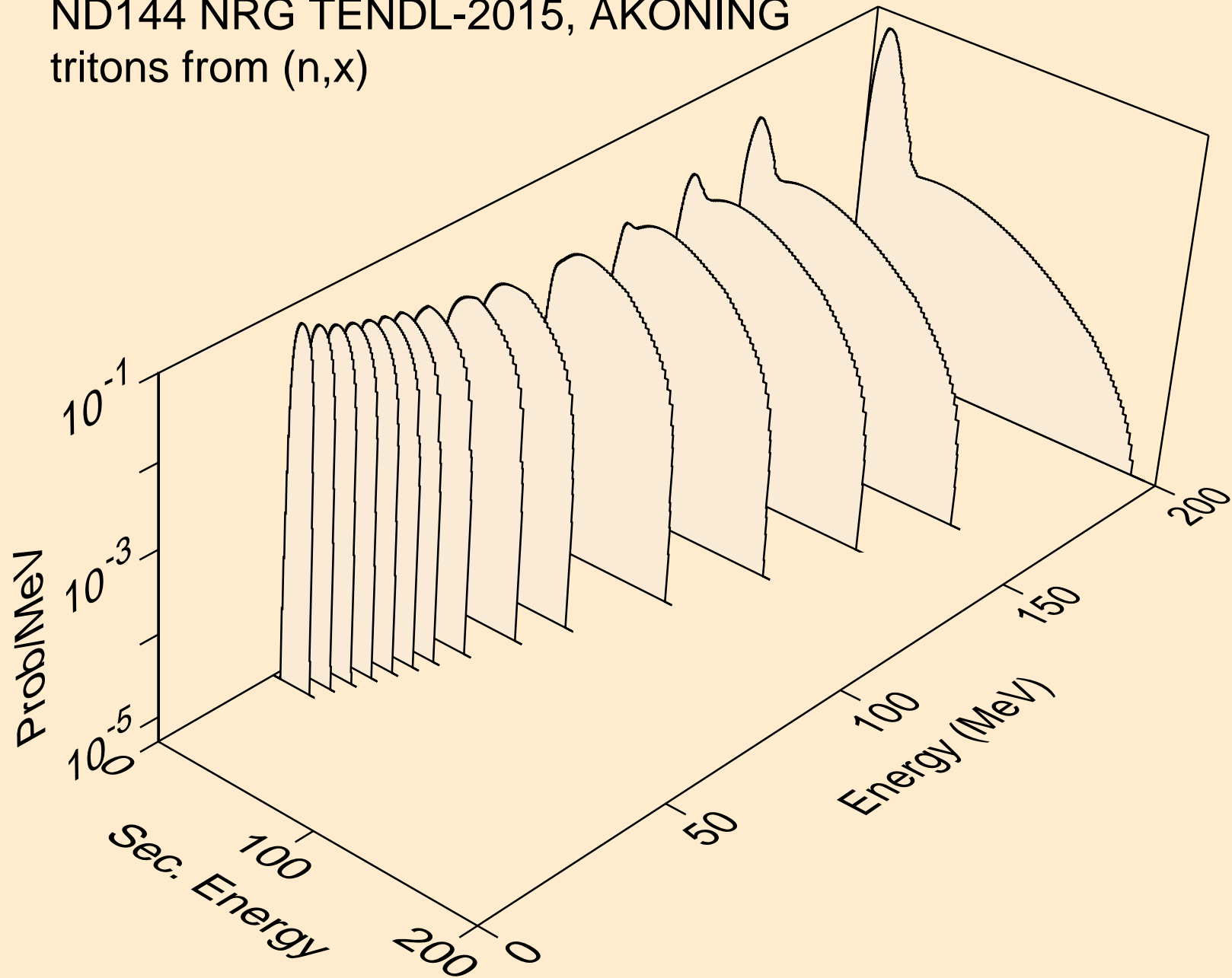
ND144 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



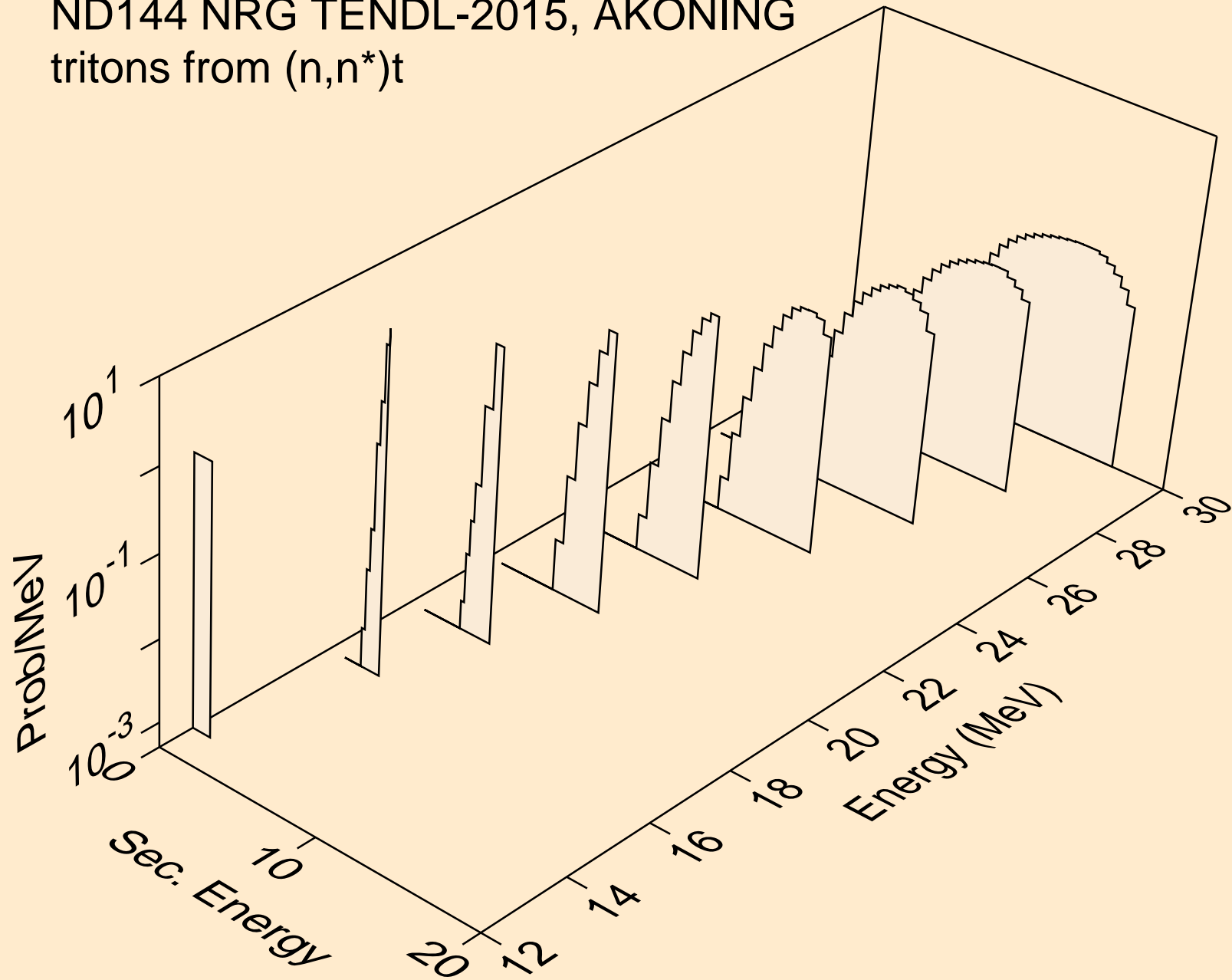
ND144 NRG TENDL-2015, AKONING  
deuterons from (n,da)



ND144 NRG TENDL-2015, AKONING  
tritons from (n,x)

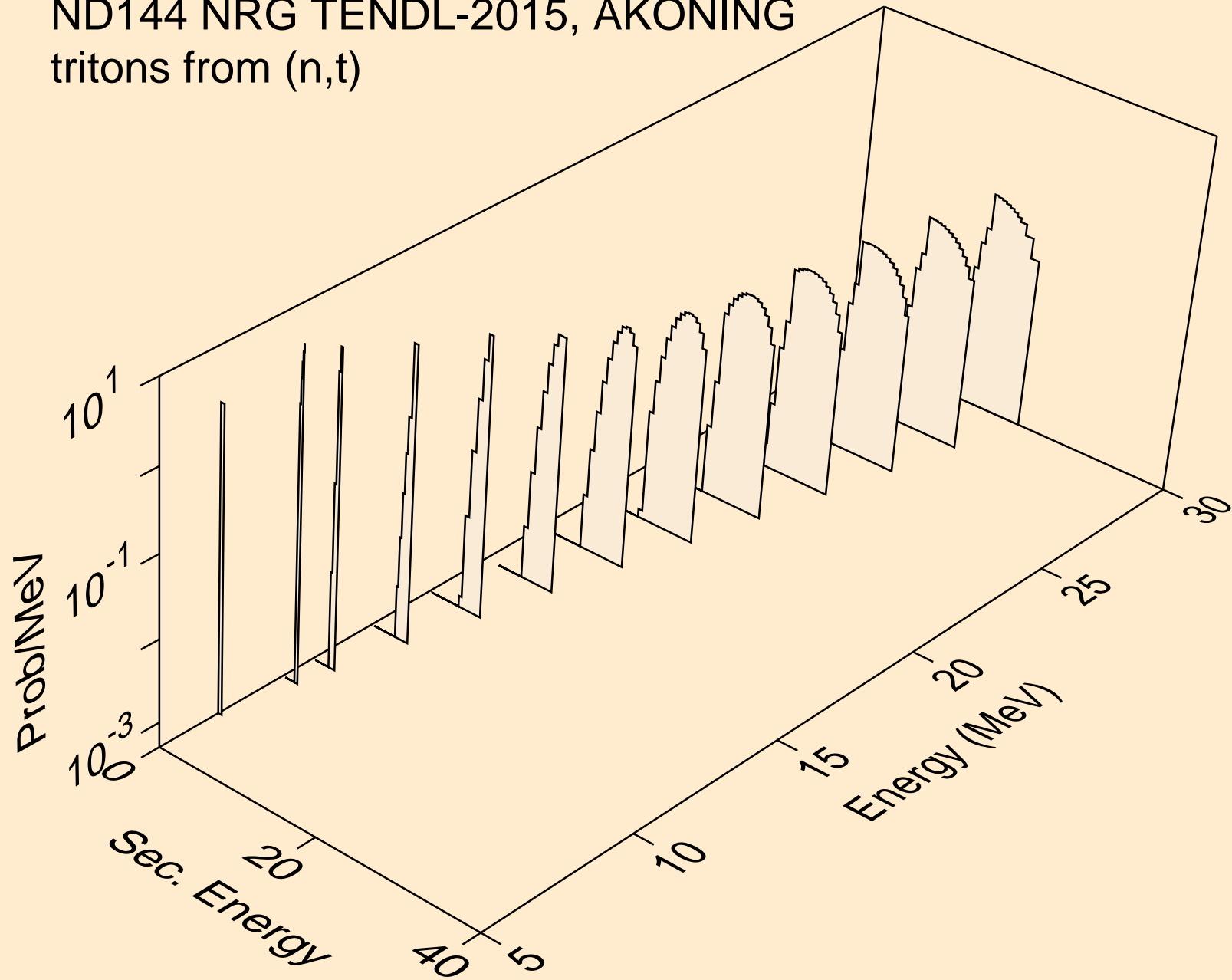


ND144 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

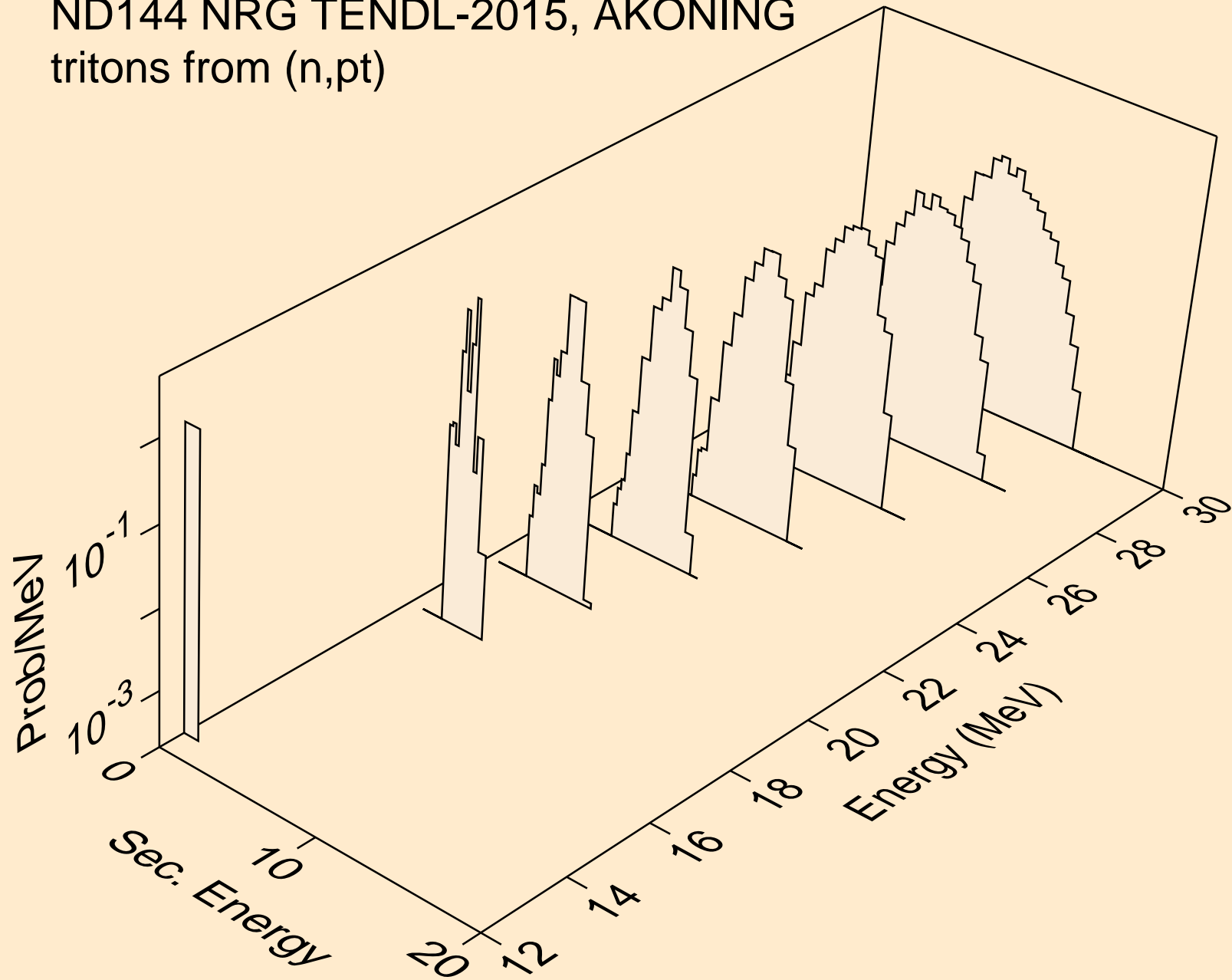




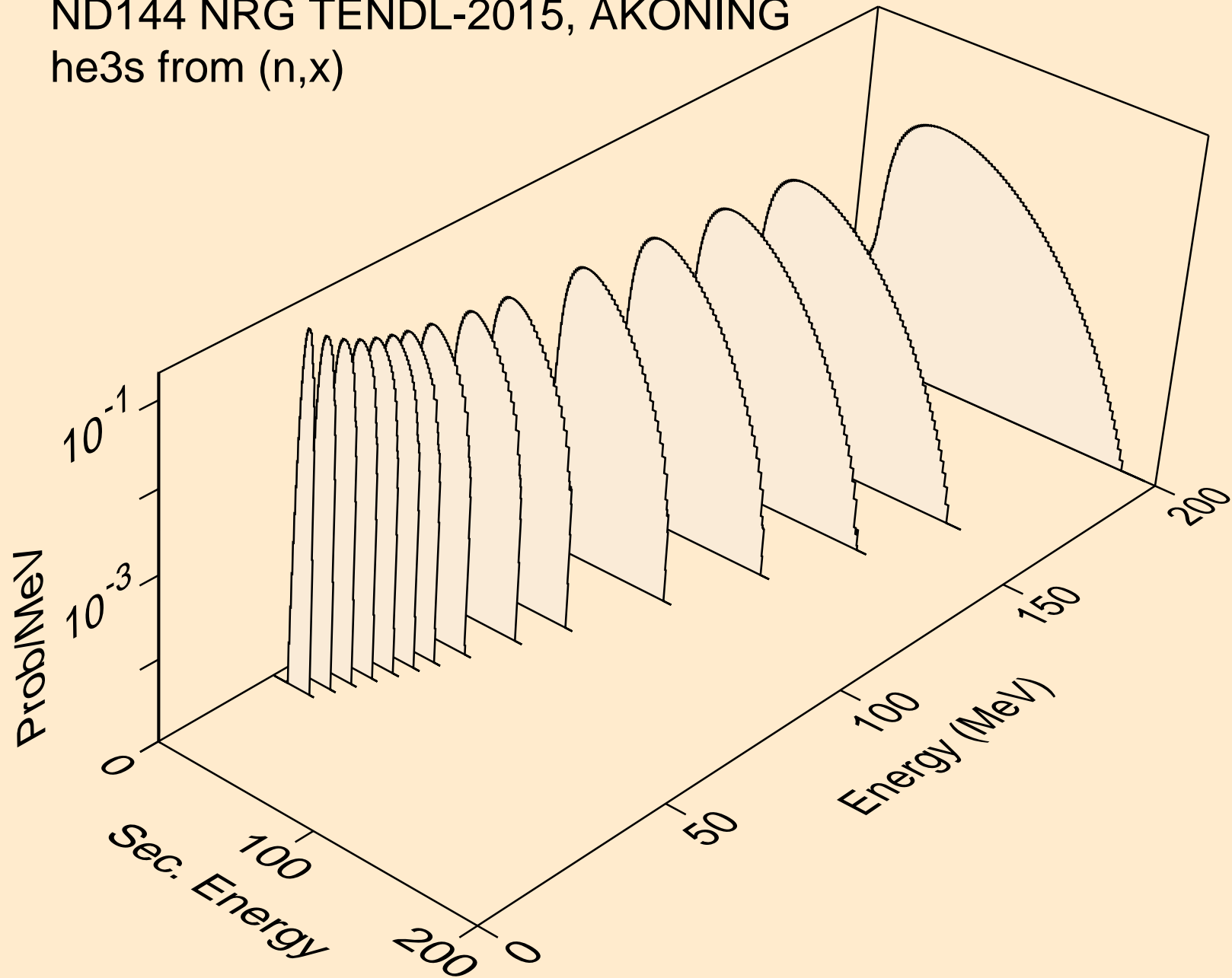
ND144 NRG TENDL-2015, AKONING  
tritons from (n,t)



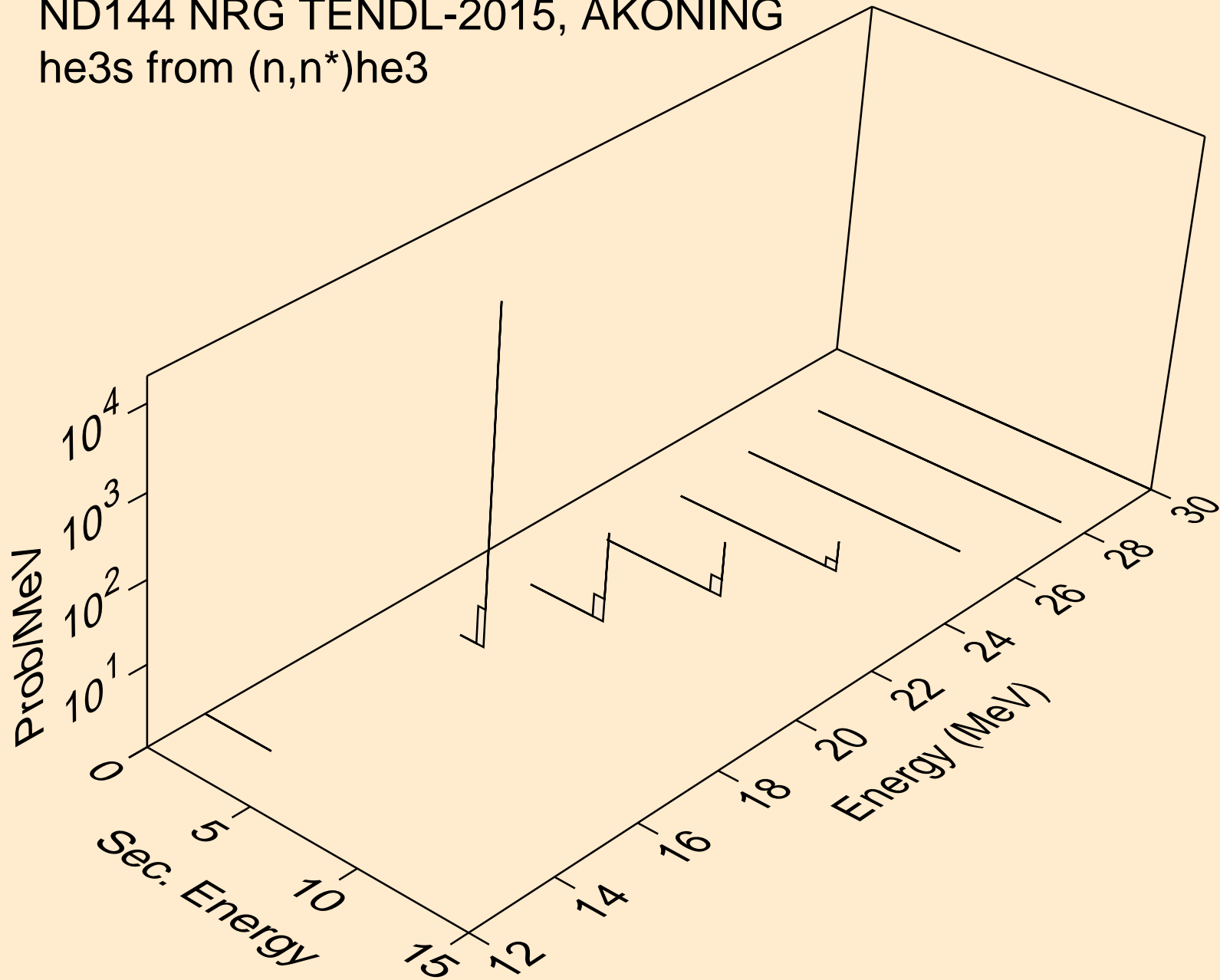
ND144 NRG TENDL-2015, AKONING  
tritons from (n,pt)



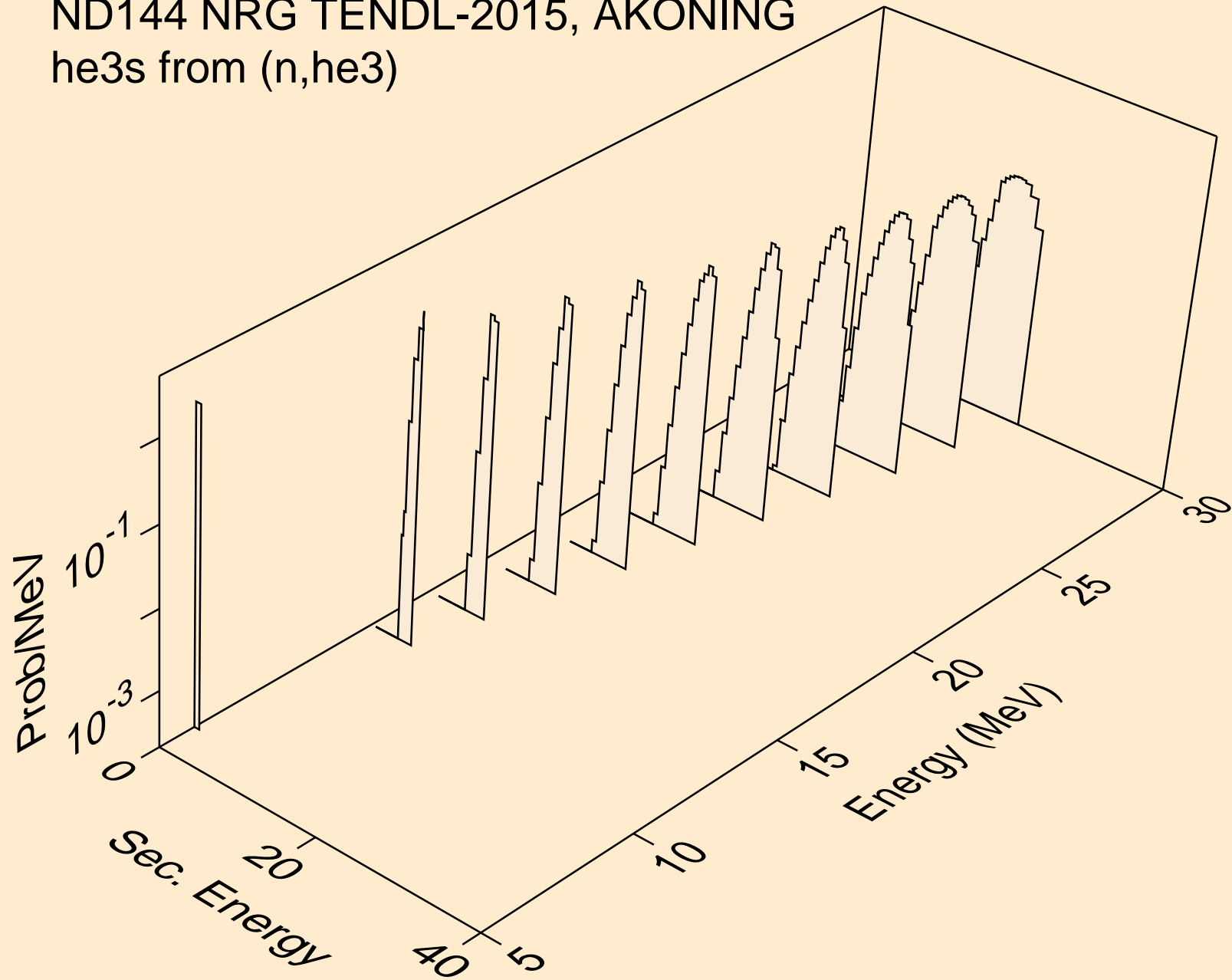
ND144 NRG TENDL-2015, AKONING  
he3s from (n,x)



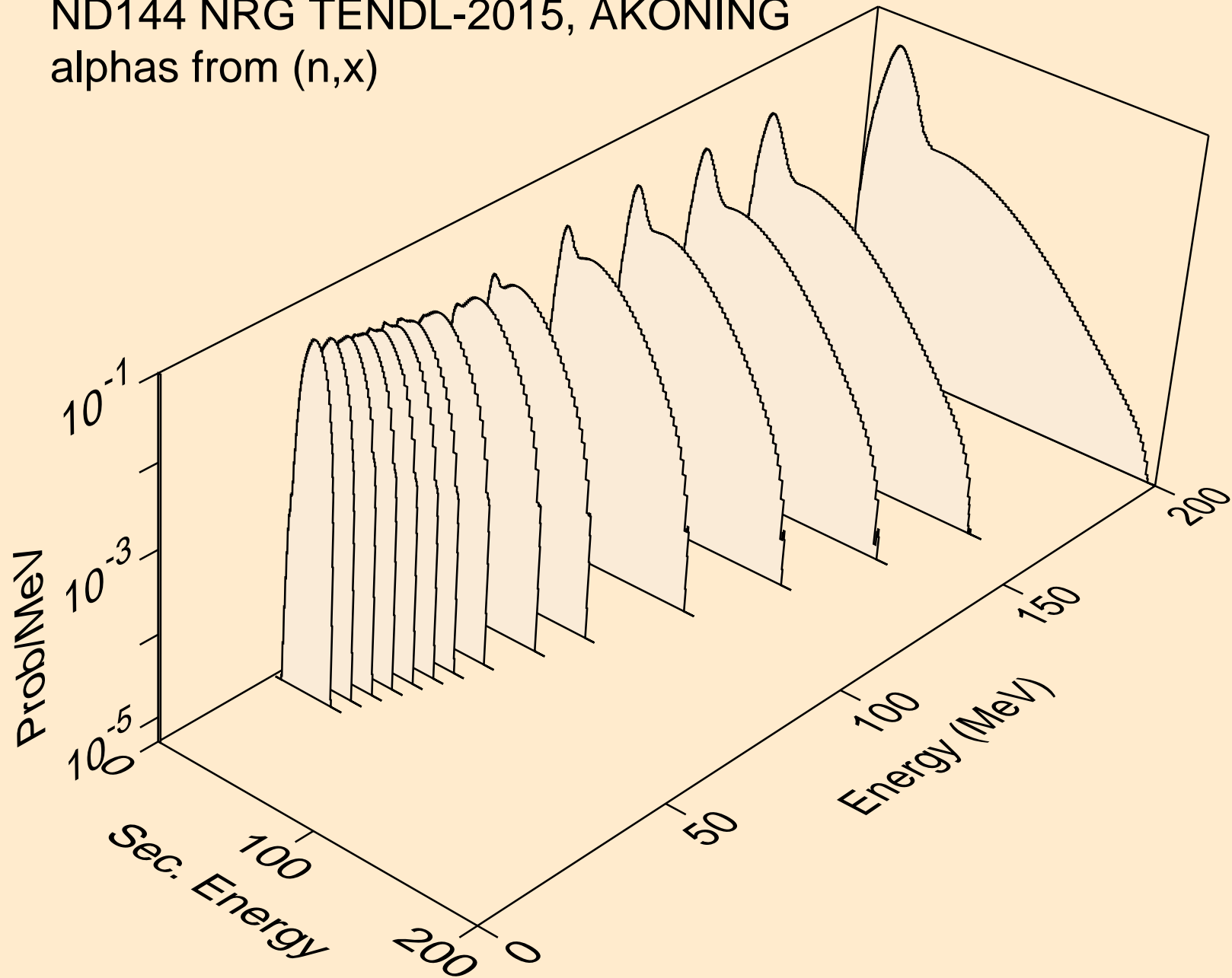
ND144 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



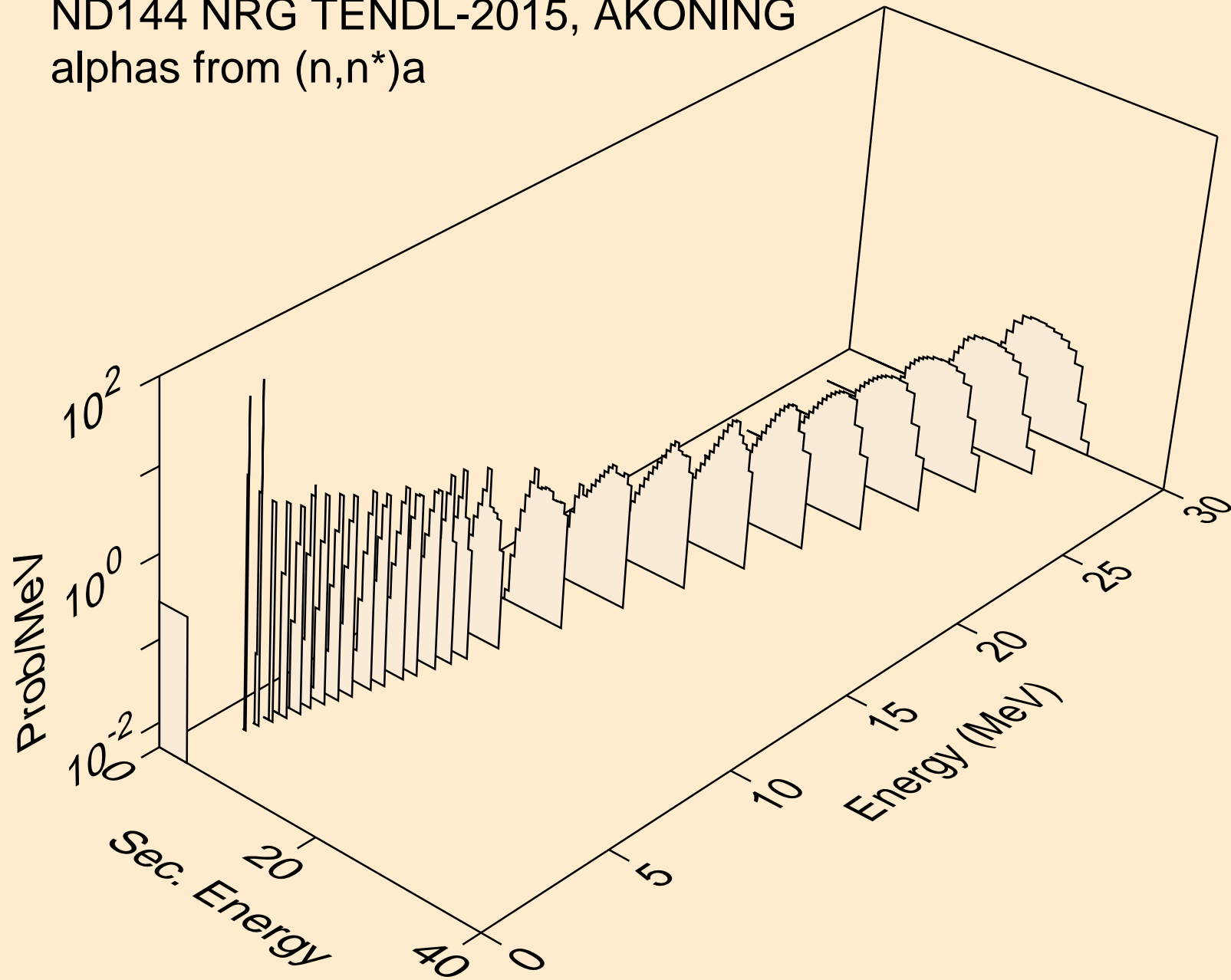
ND144 NRG TENDL-2015, AKONING  
he3s from (n,he3)



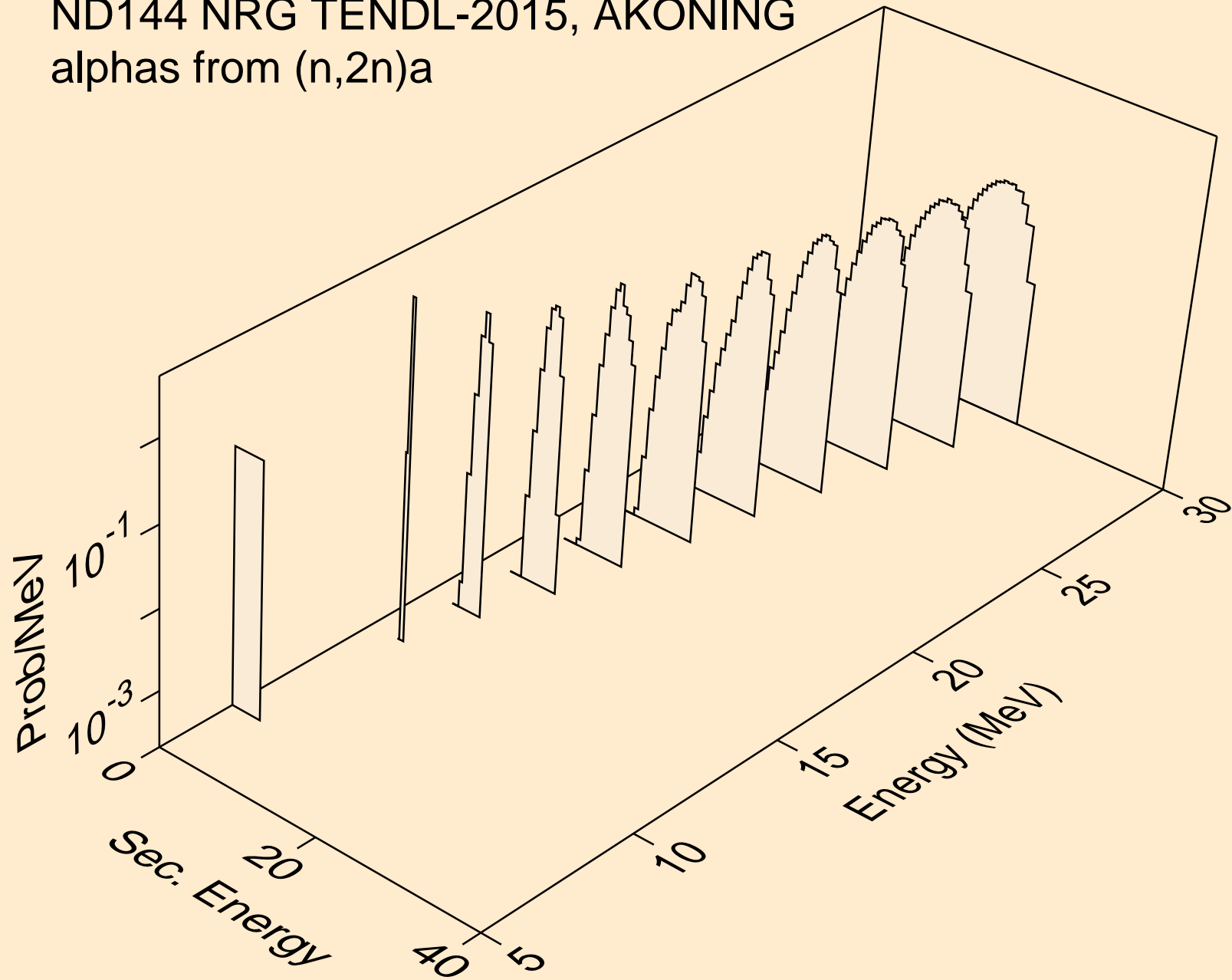
ND144 NRG TENDL-2015, AKONING  
alphas from (n,x)



ND144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

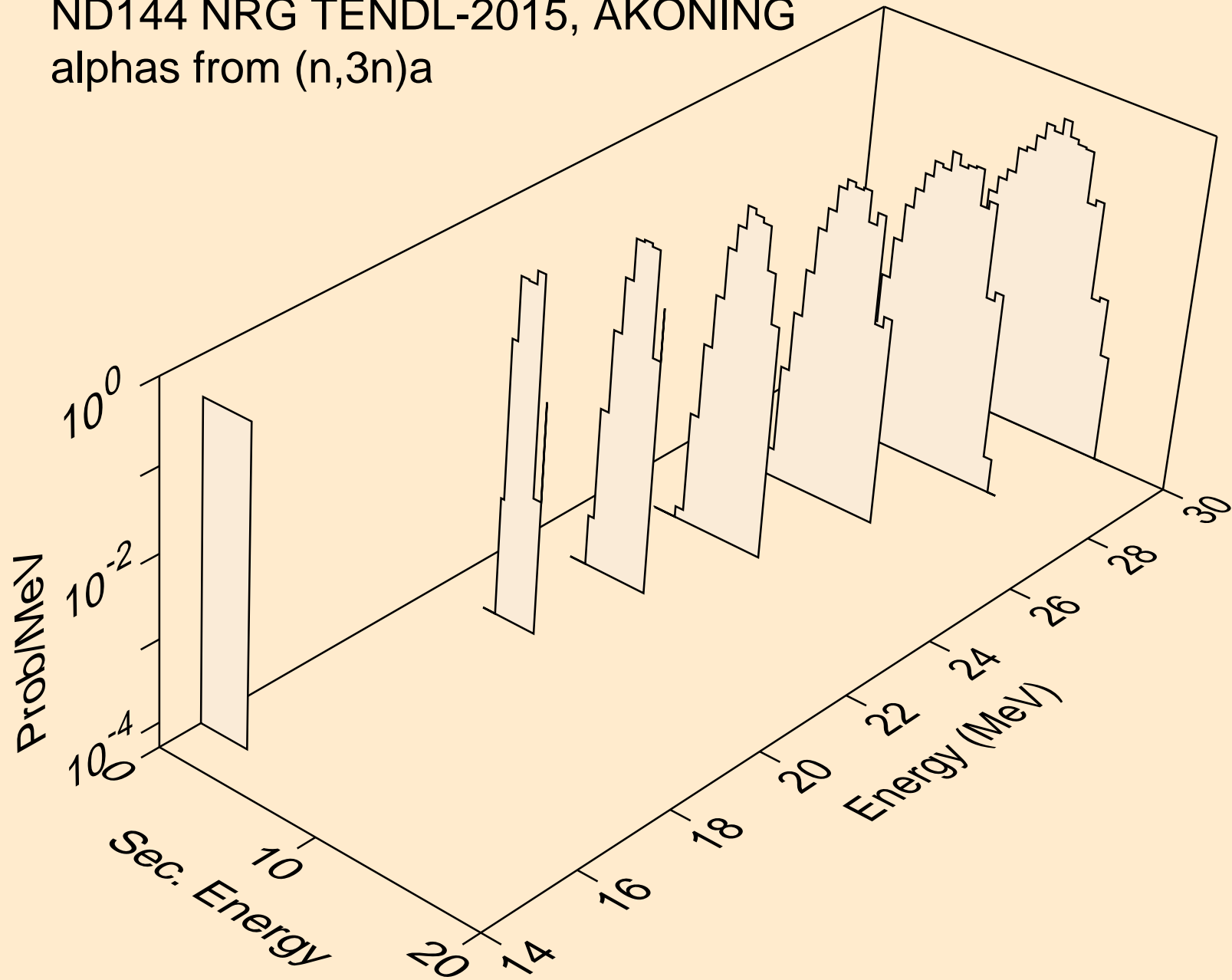


ND144 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

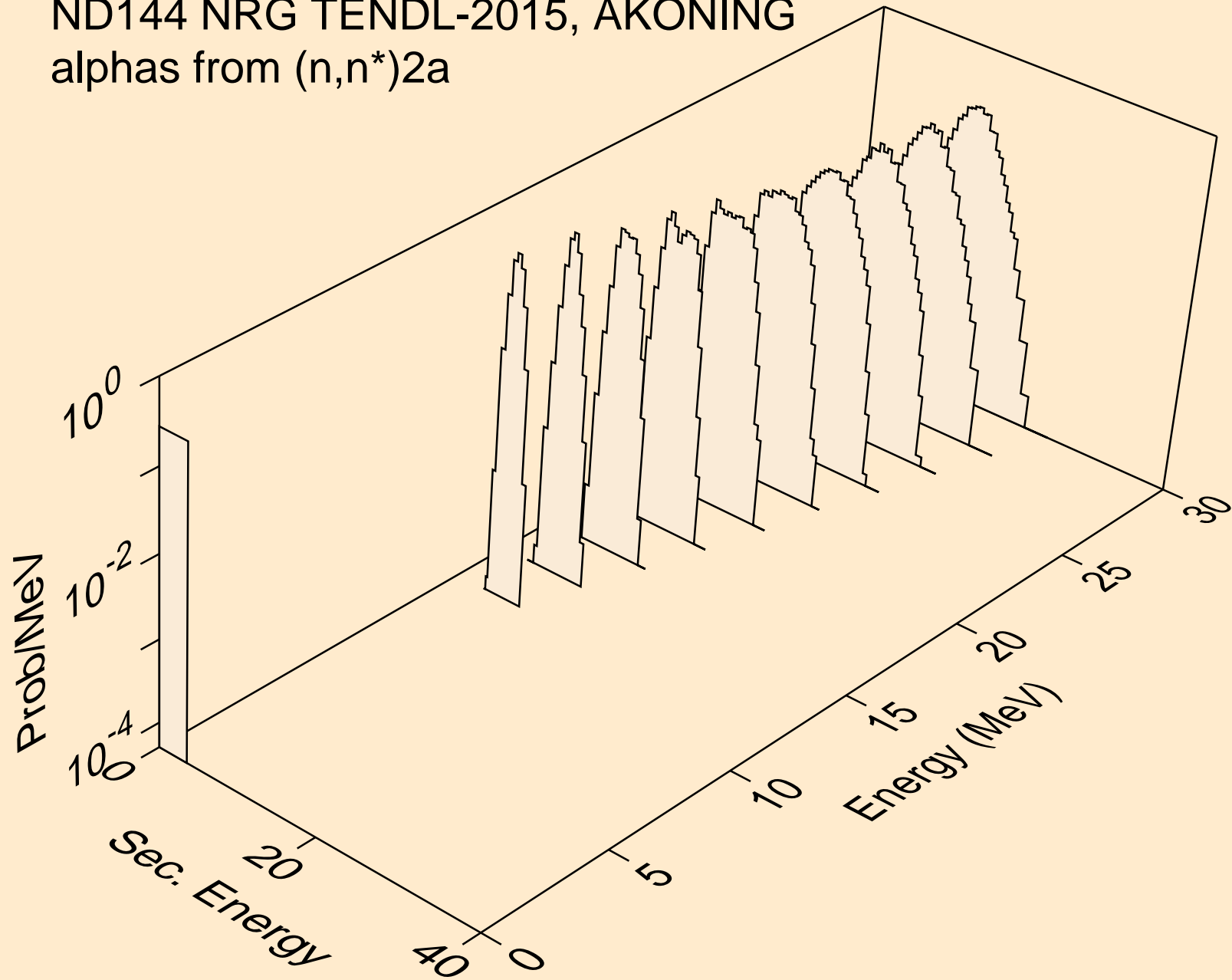




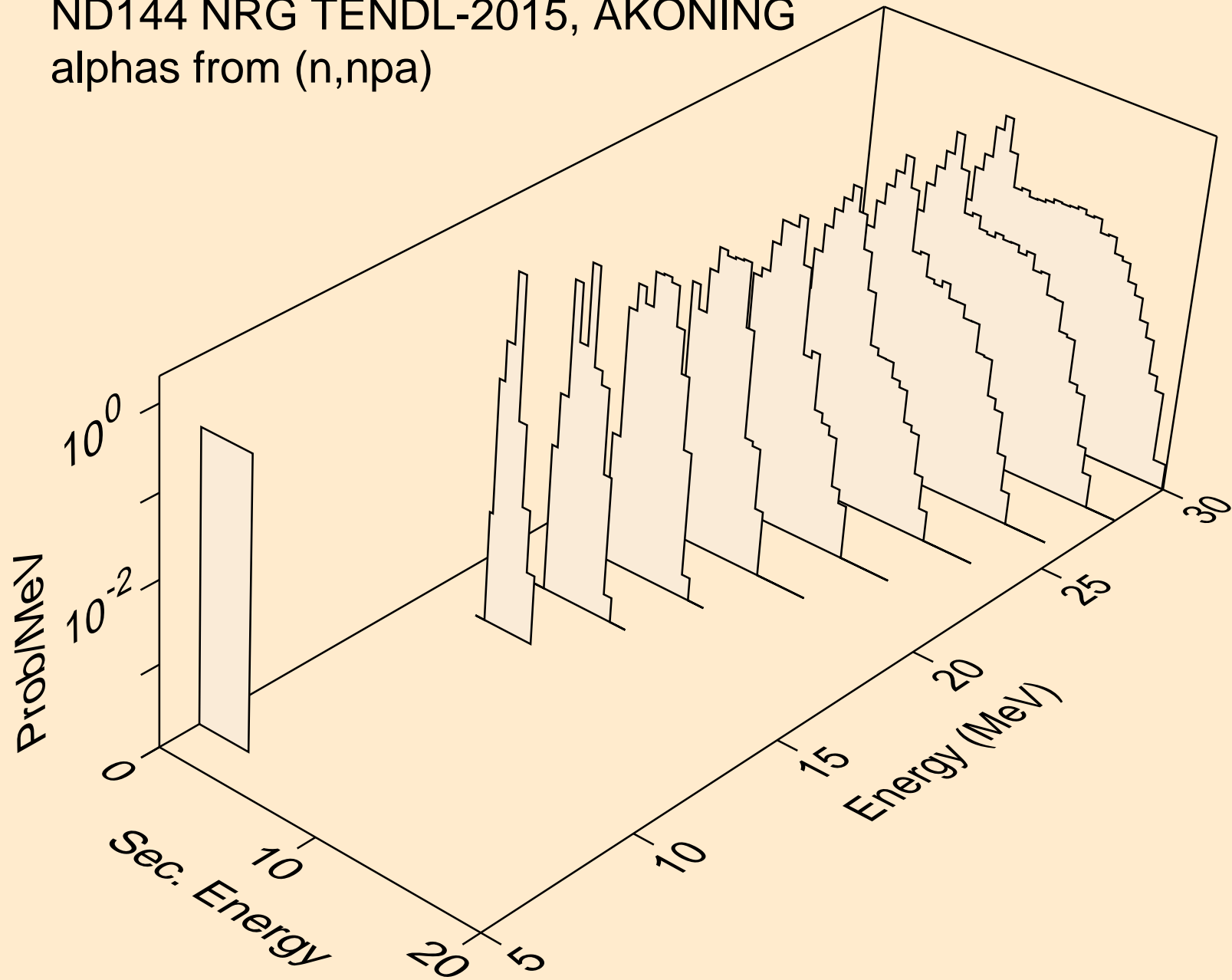
ND144 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



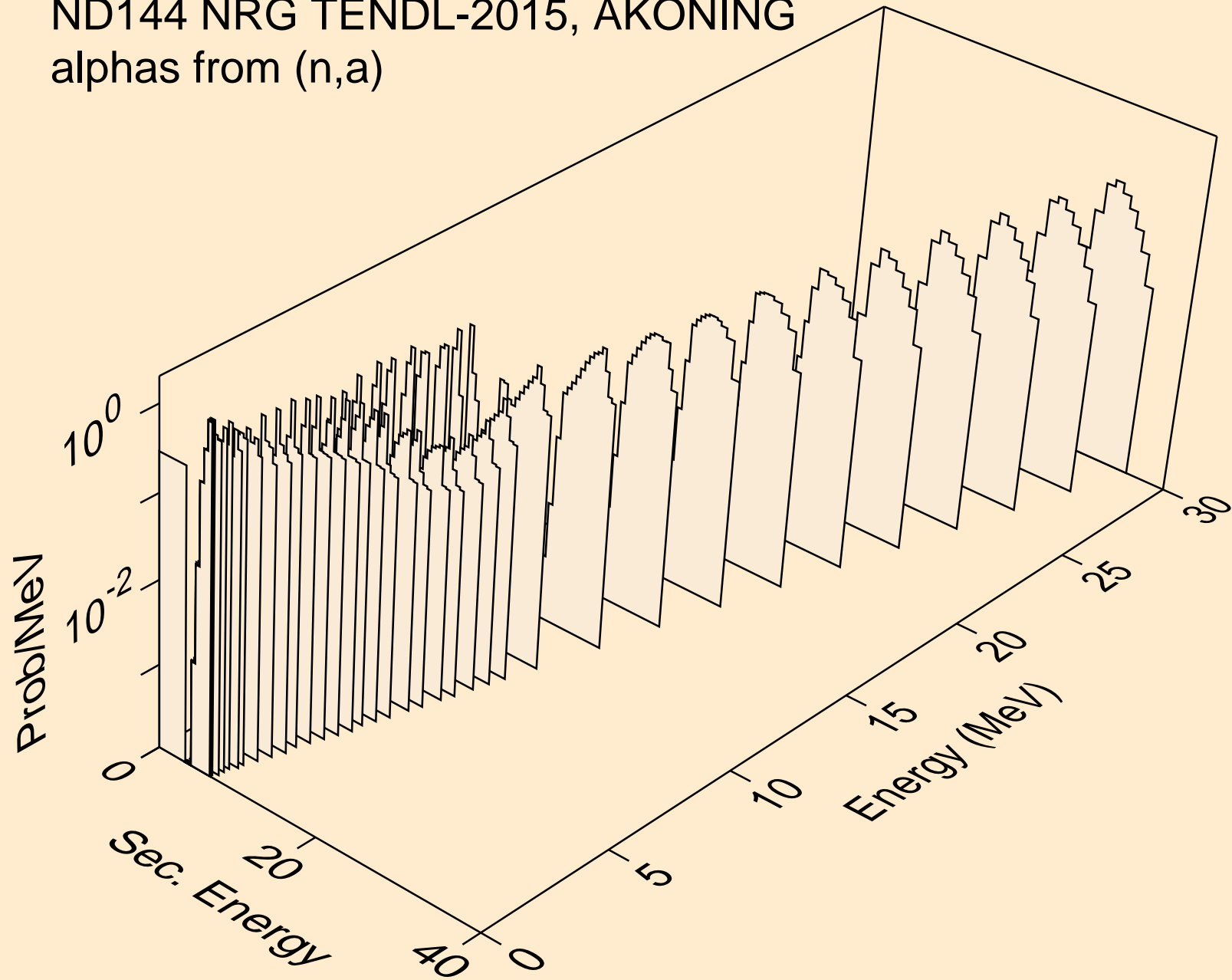
ND144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



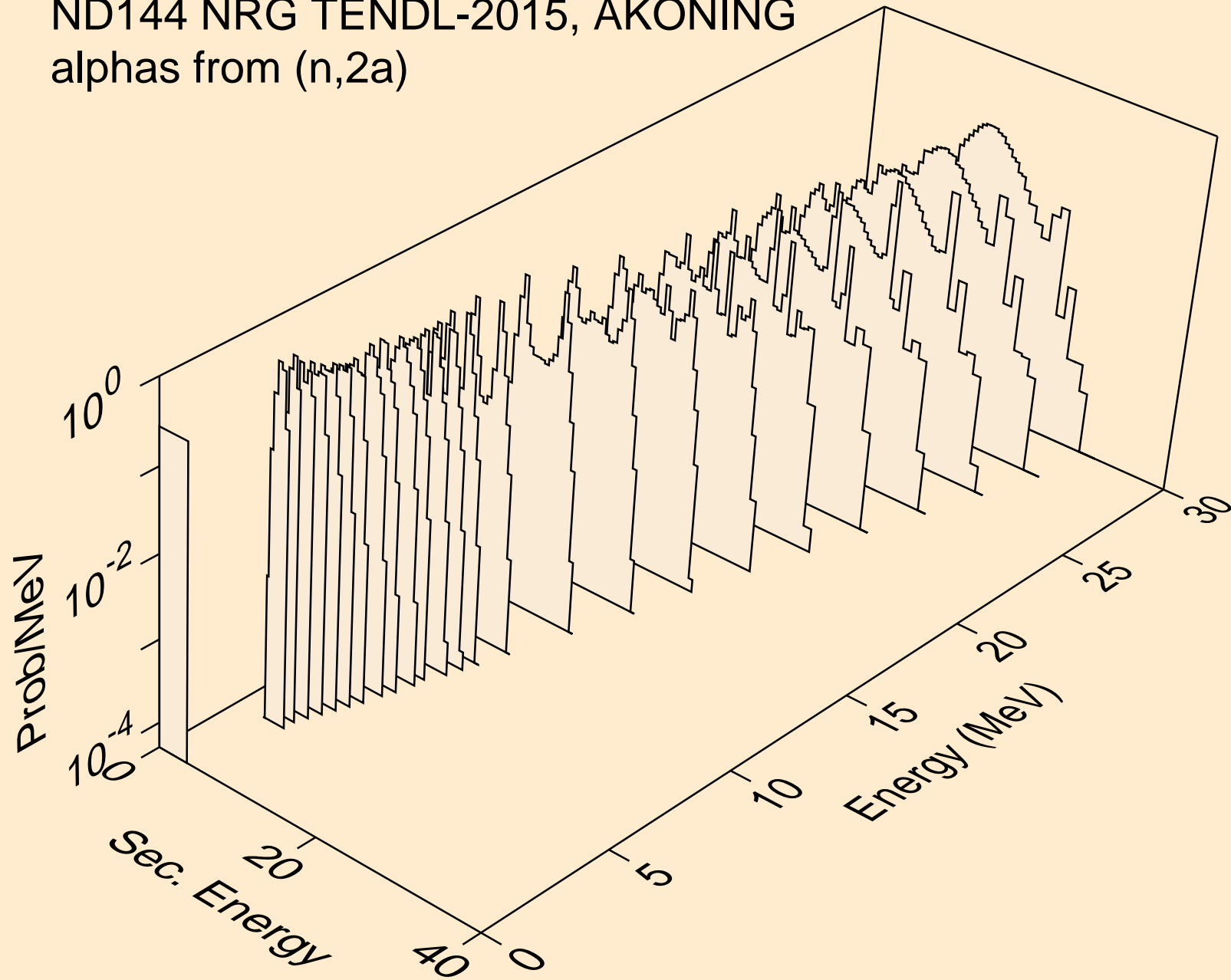
ND144 NRG TENDL-2015, AKONING  
alphas from (n,npa)



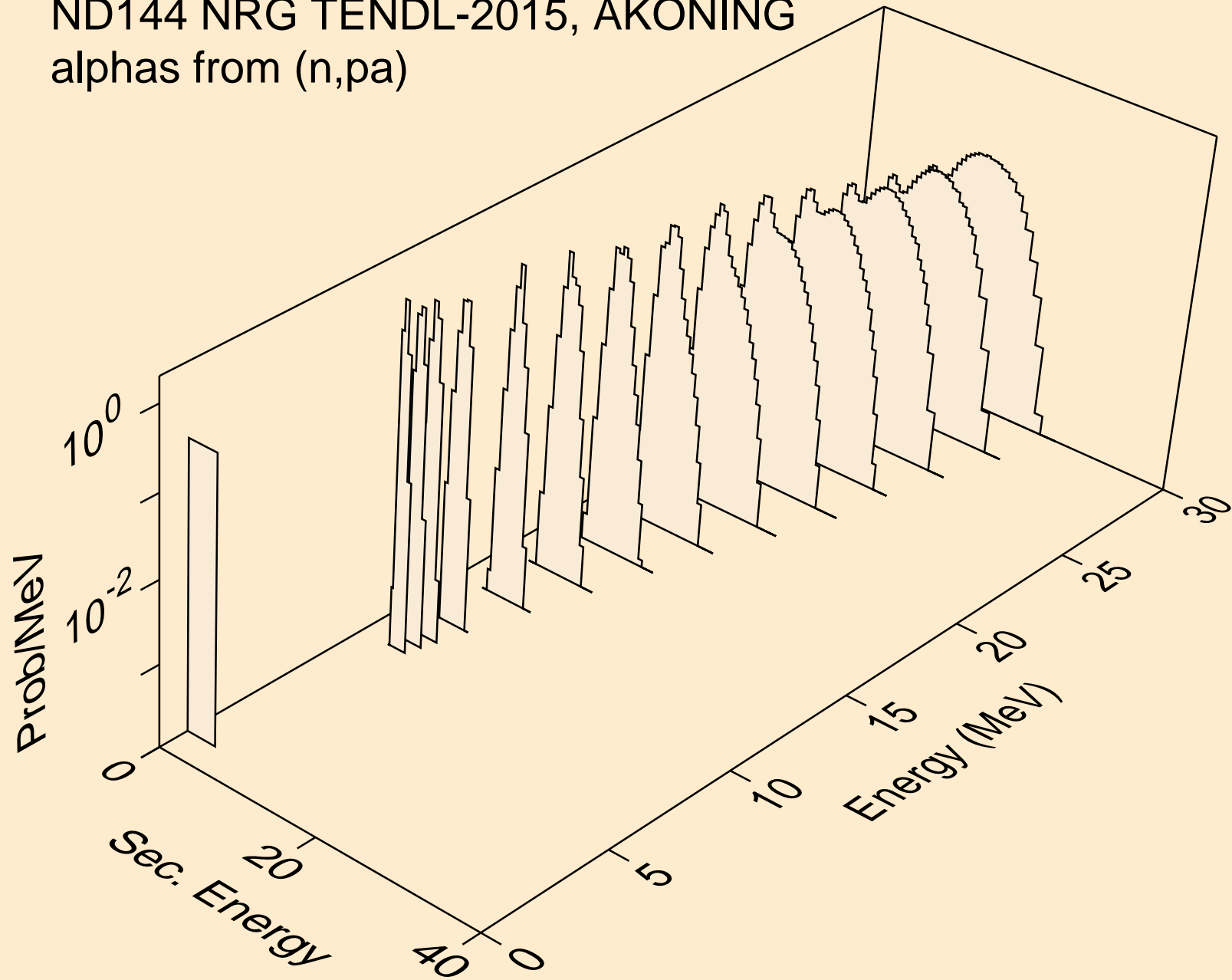
ND144 NRG TENDL-2015, AKONING  
alphas from (n,a)



ND144 NRG TENDL-2015, AKONING  
alphas from (n,2a)



ND144 NRG TENDL-2015, AKONING  
alphas from (n,pa)



ND144 NRG TENDL-2015, AKONING  
alphas from (n,da)

