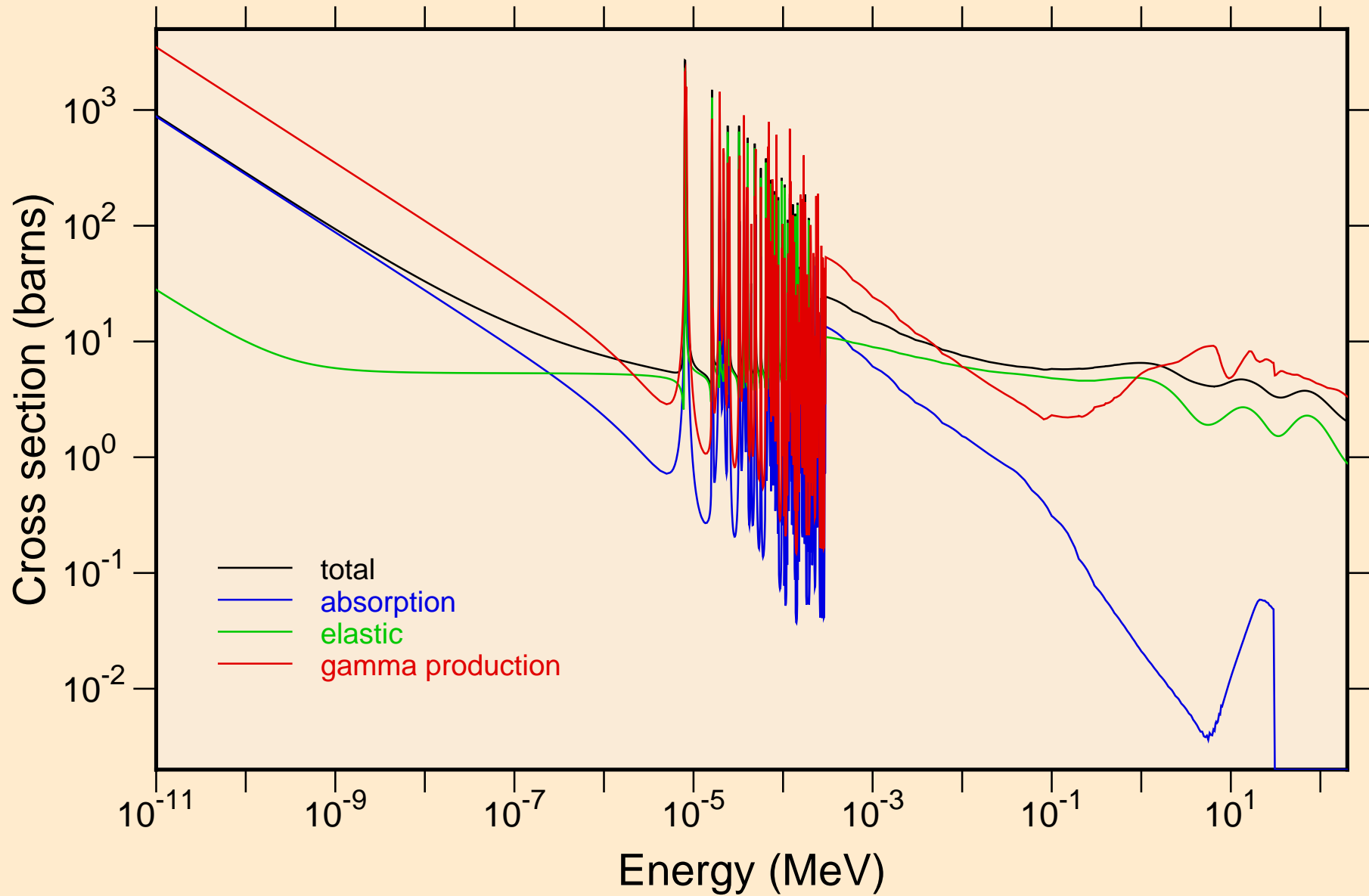
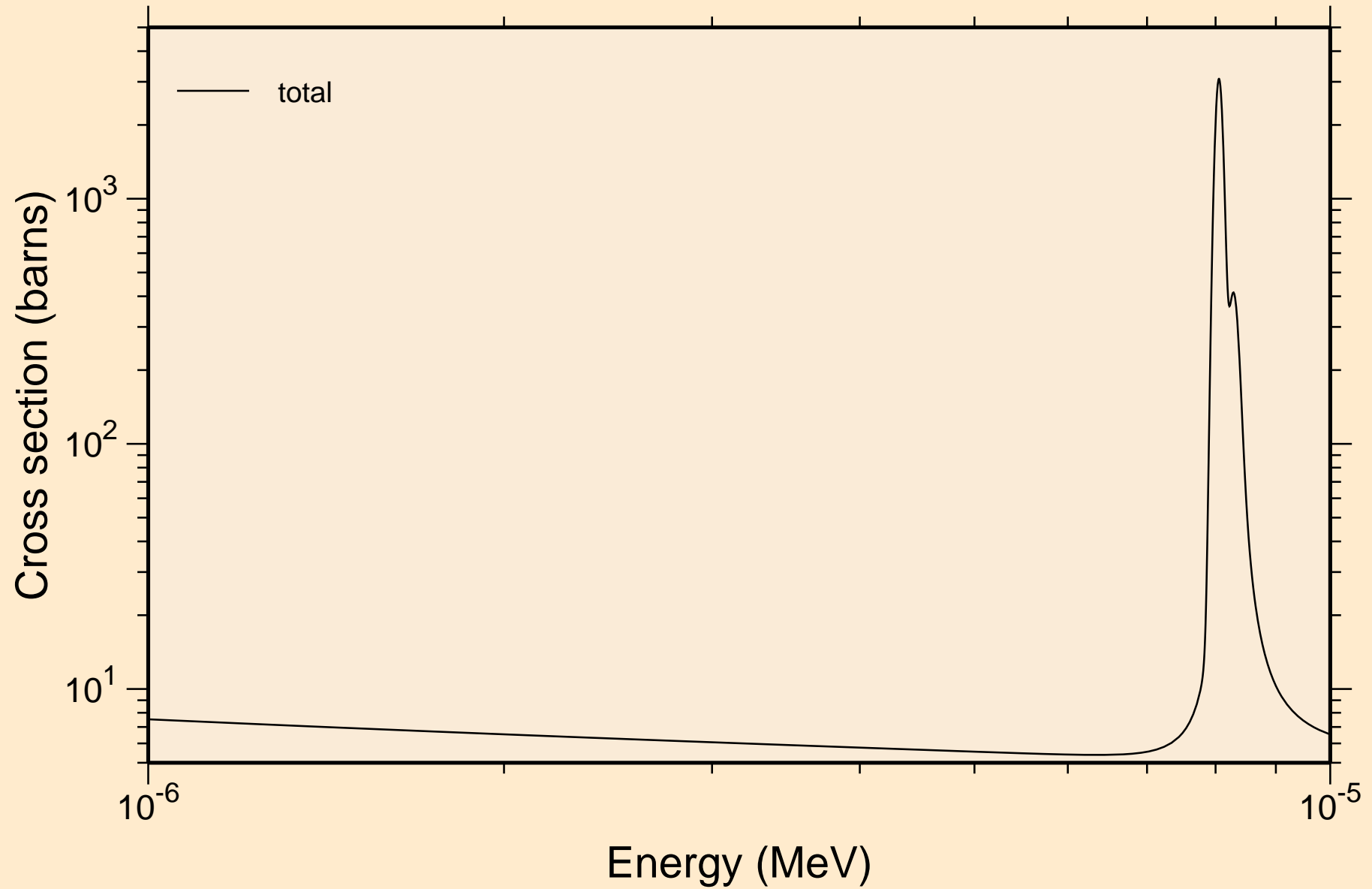


# SB124 NRG TENDL-2015, AKONING

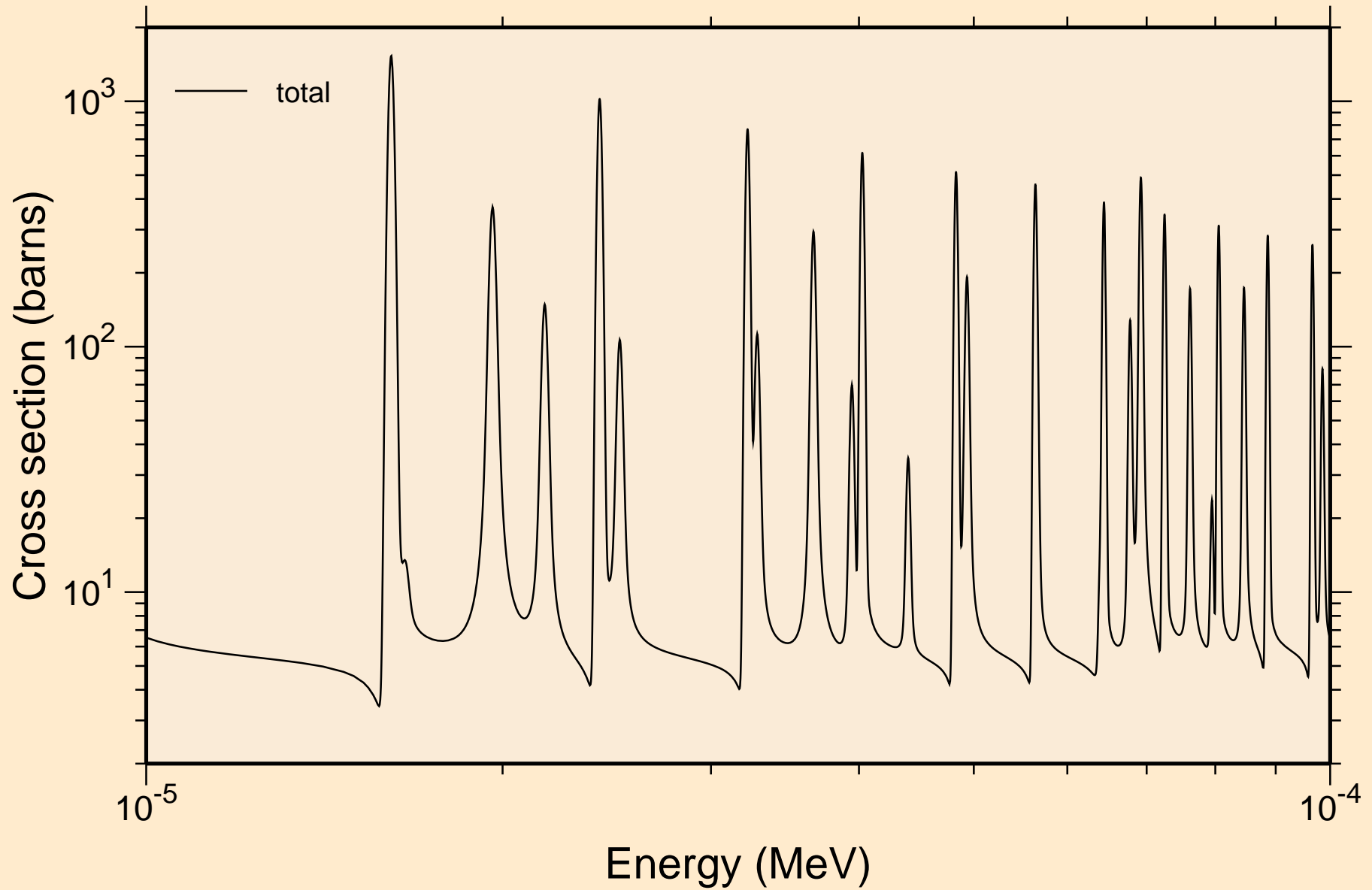
## Principal cross sections



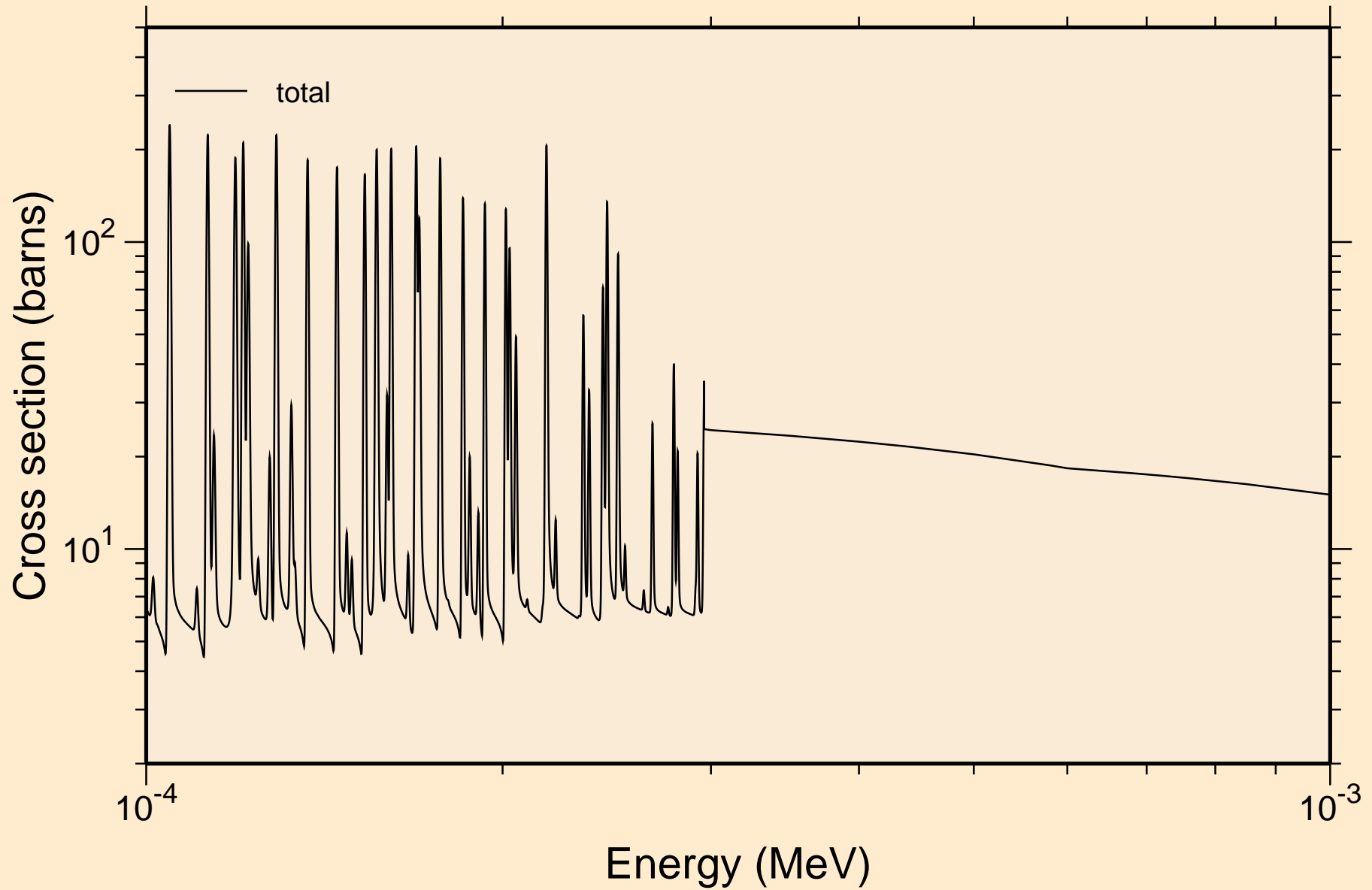
SB124 NRG TENDL-2015, AKONING  
resonance total cross section



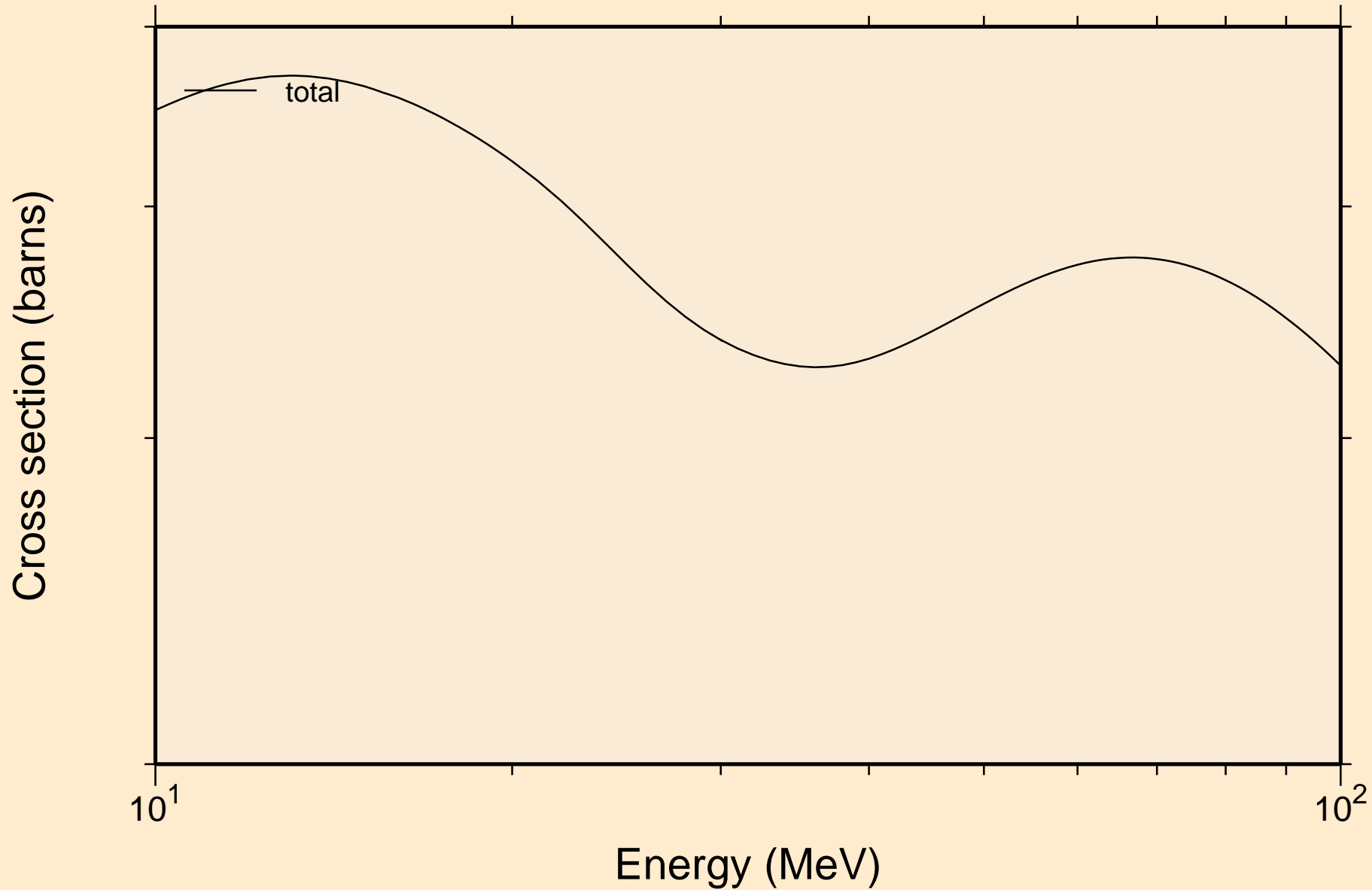
SB124 NRG TENDL-2015, AKONING  
resonance total cross section



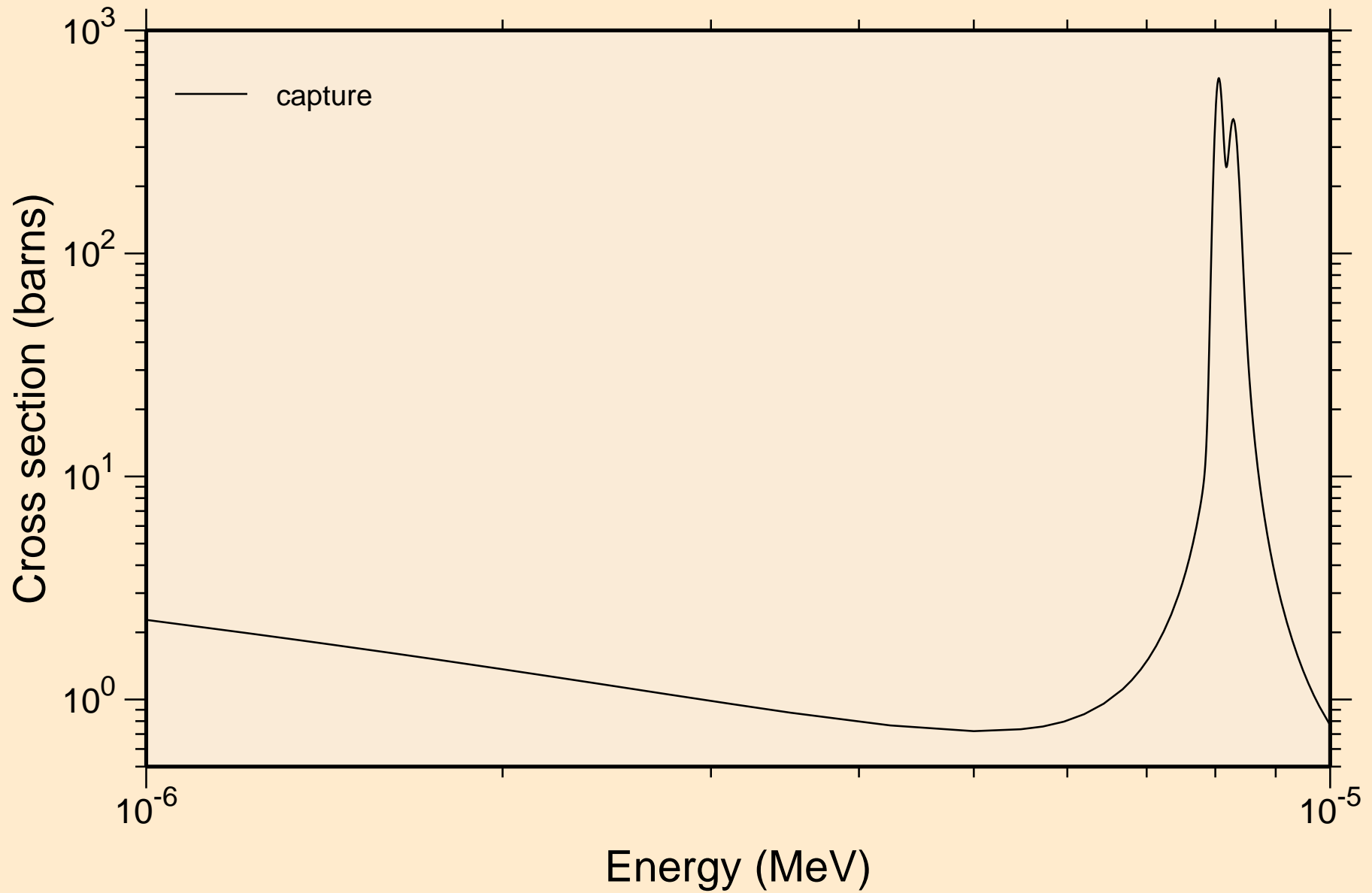
SB124 NRG TENDL-2015, AKONING  
resonance total cross section



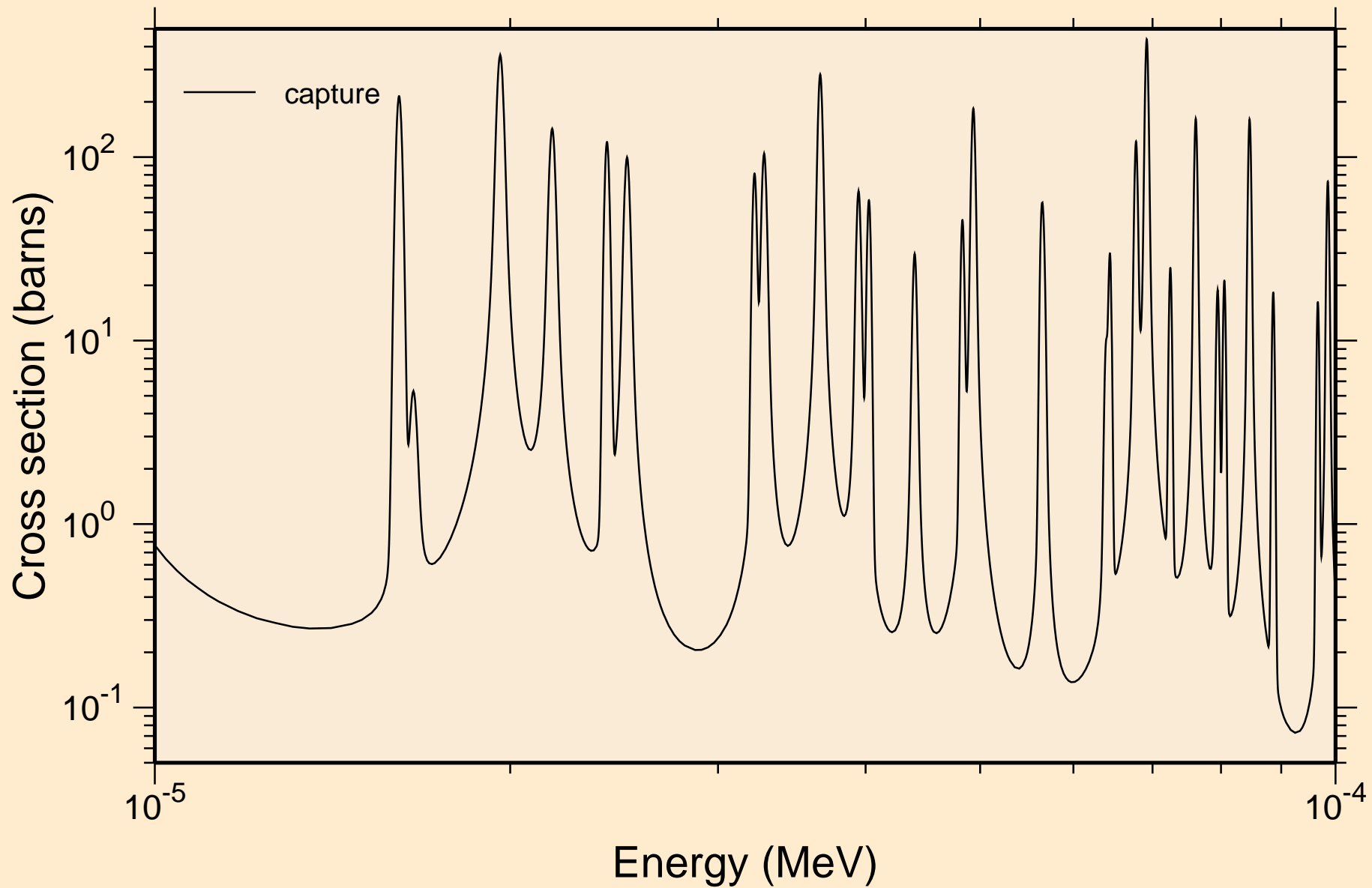
S $\bar{B}$ 124 NRG TENDL-2015, AKONING  
resonance total cross section



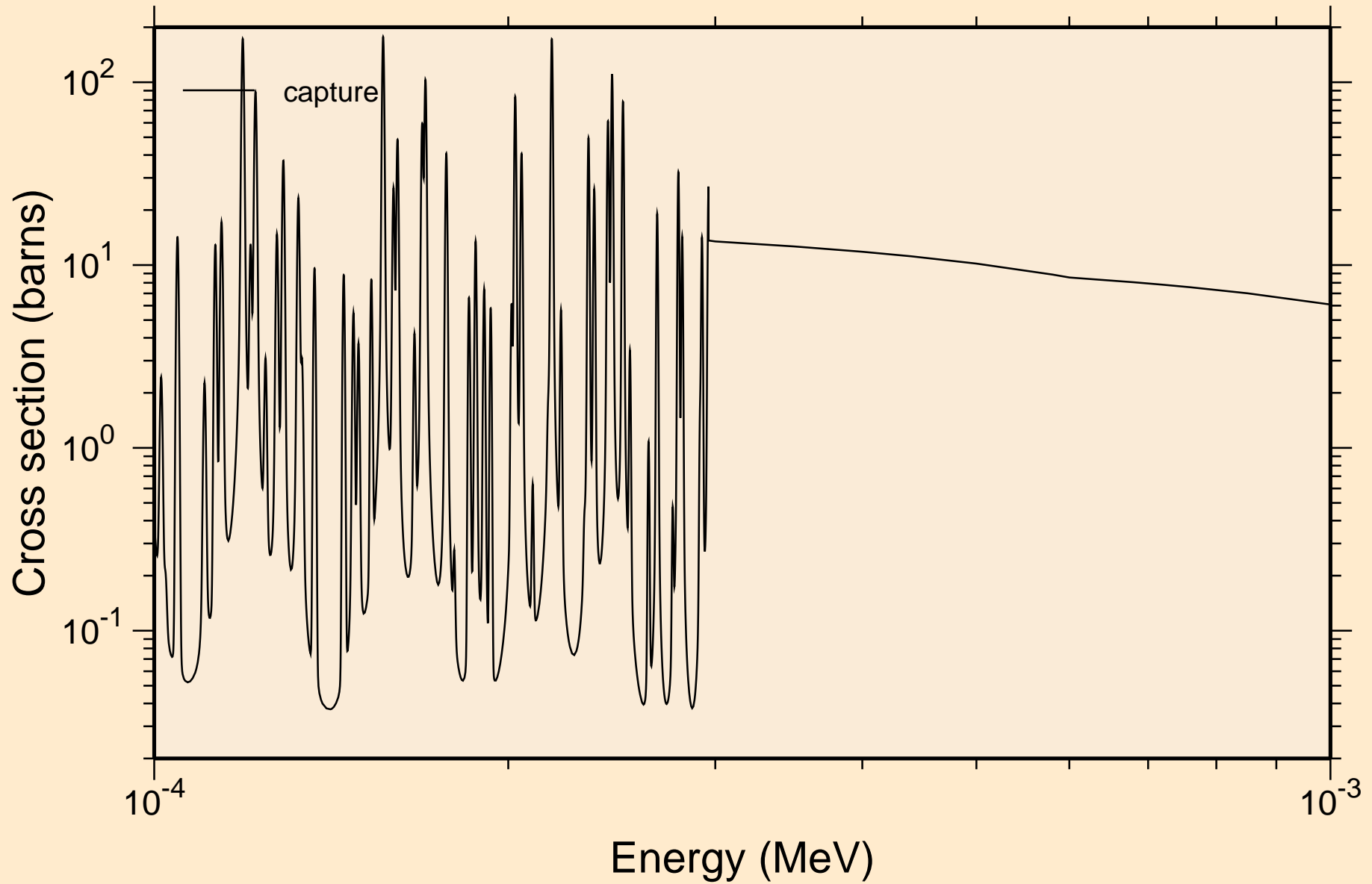
SB124 NRG TENDL-2015, AKONING  
resonance absorption cross sections



SB124 NRG TENDL-2015, AKONING  
resonance absorption cross sections

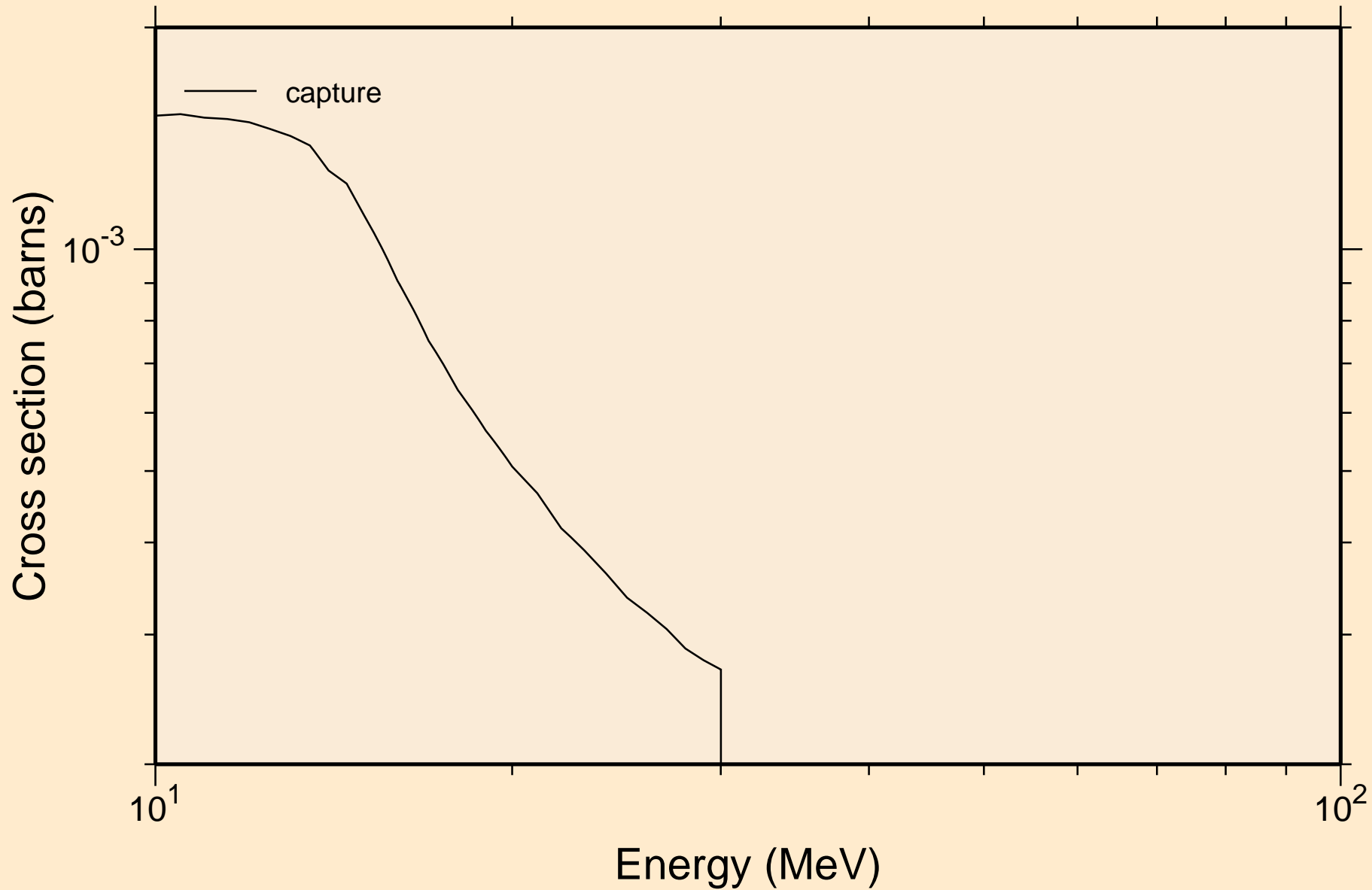


SB124 NRG TENDL-2015, AKONING  
resonance absorption cross sections



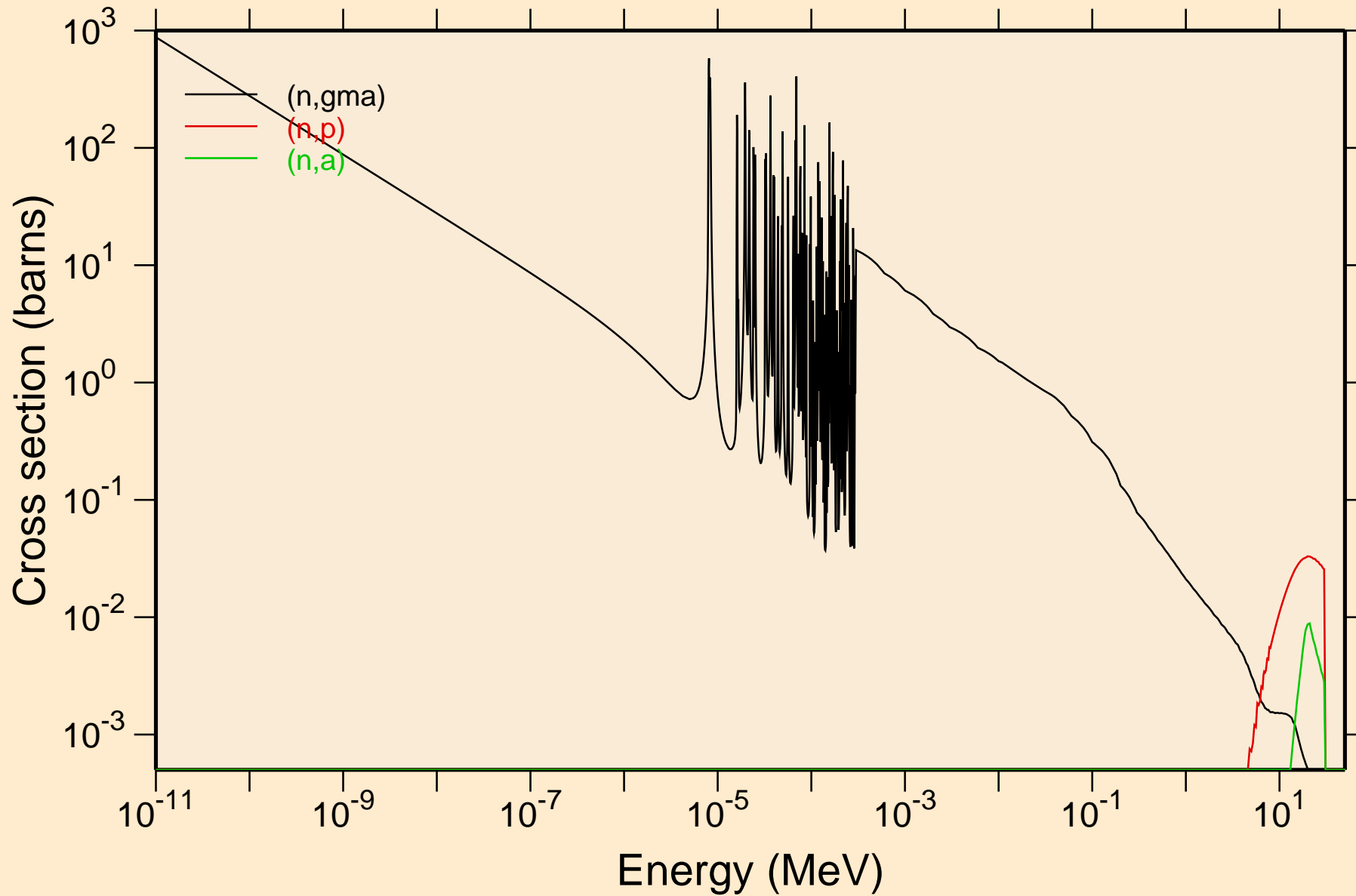


SB124 NRG TENDL-2015, AKONING  
resonance absorption cross sections



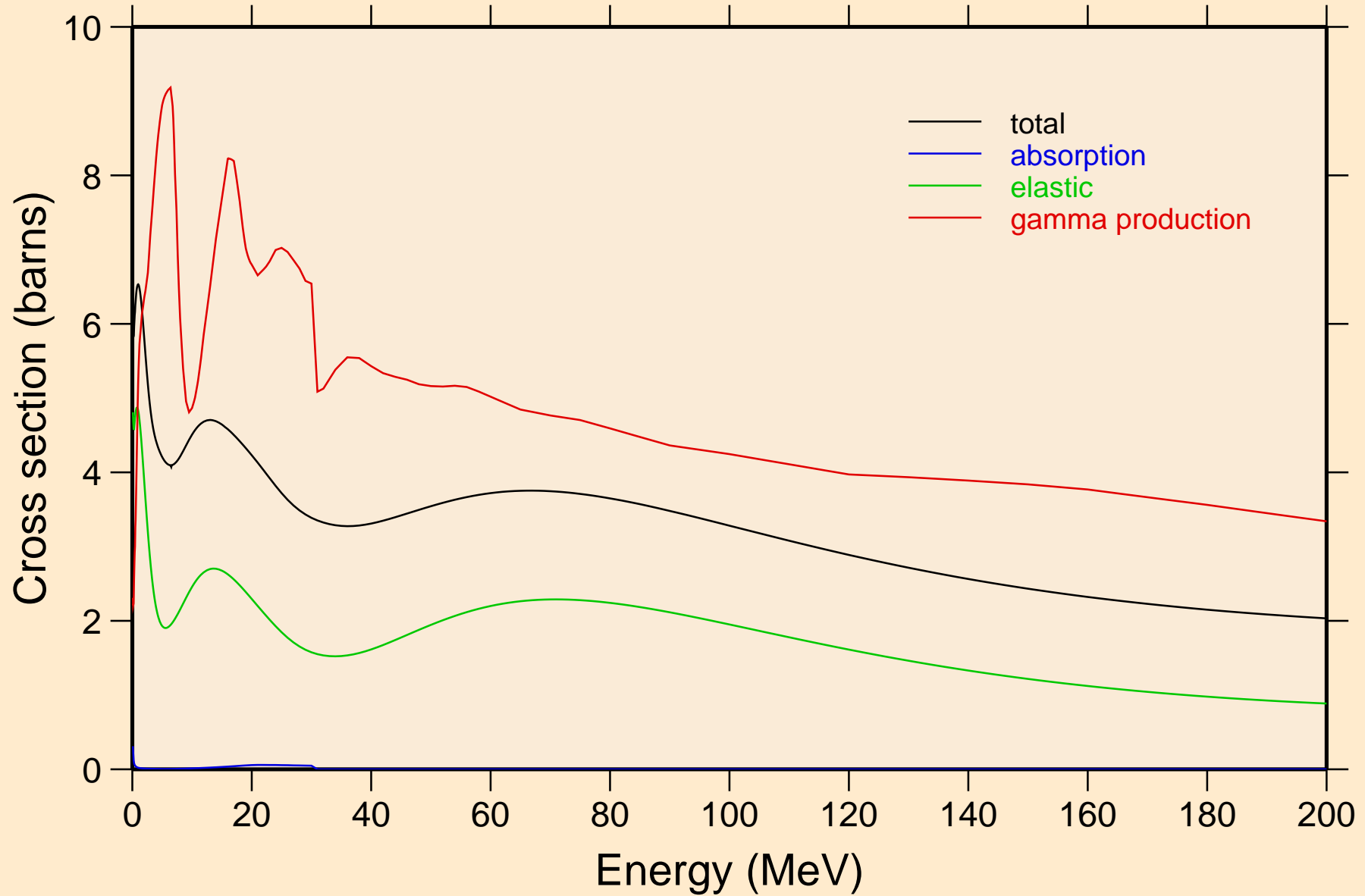
# SB124 NRG TENDL-2015, AKONING

## Non-threshold reactions



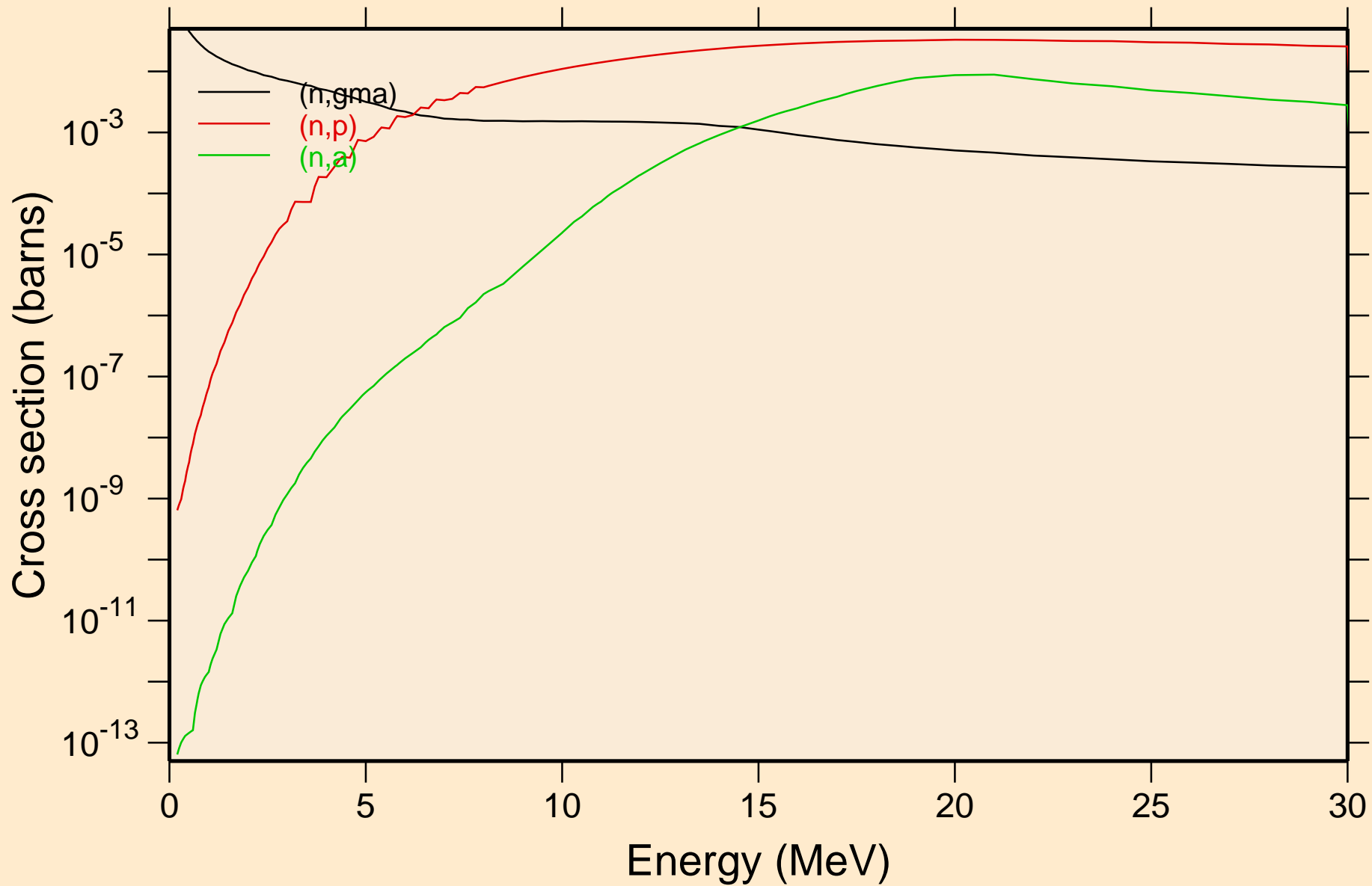
# SB124 NRG TENDL-2015, AKONING

## Principal cross sections



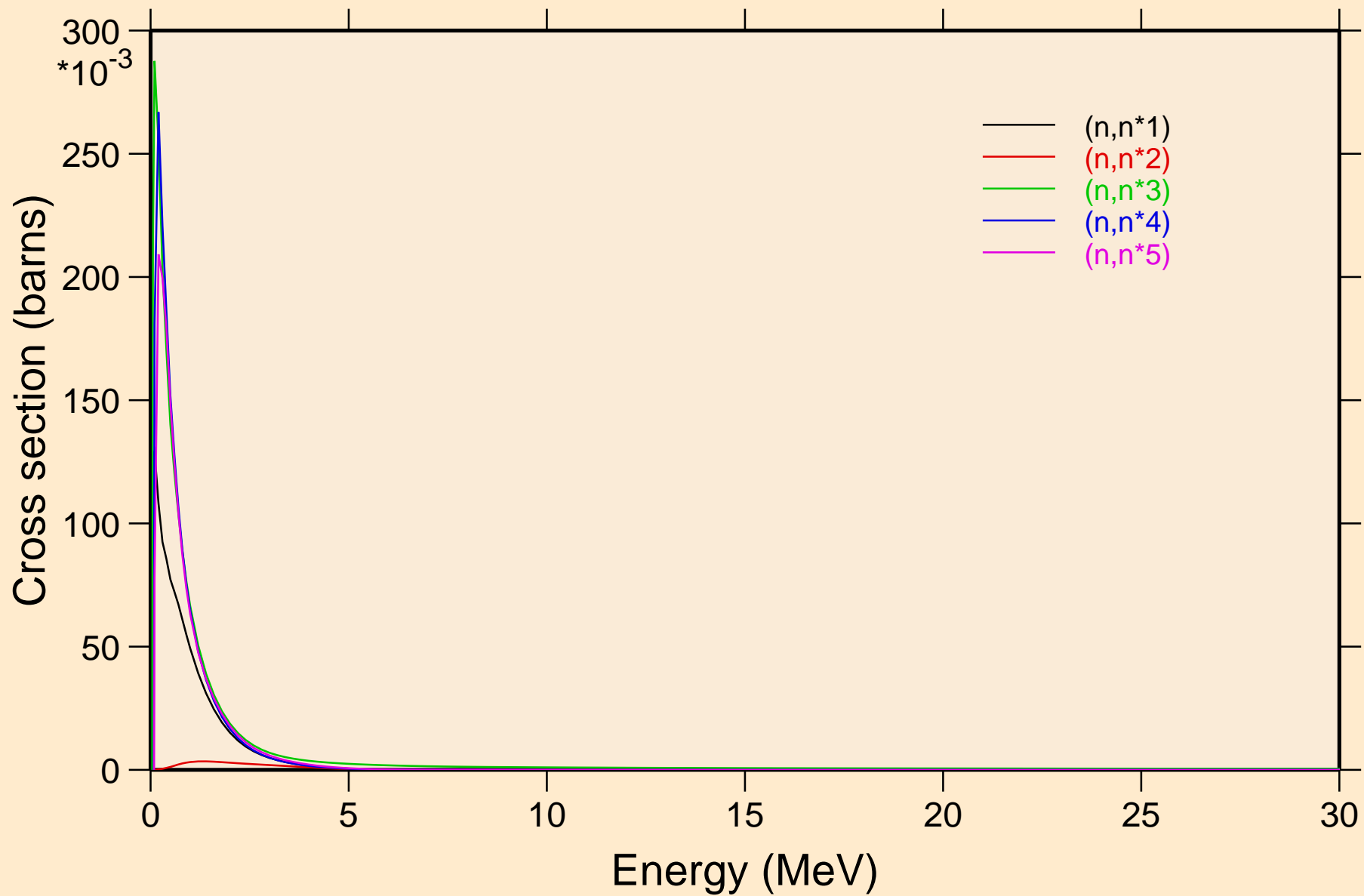
# SB124 NRG TENDL-2015, AKONING

## Non-threshold reactions



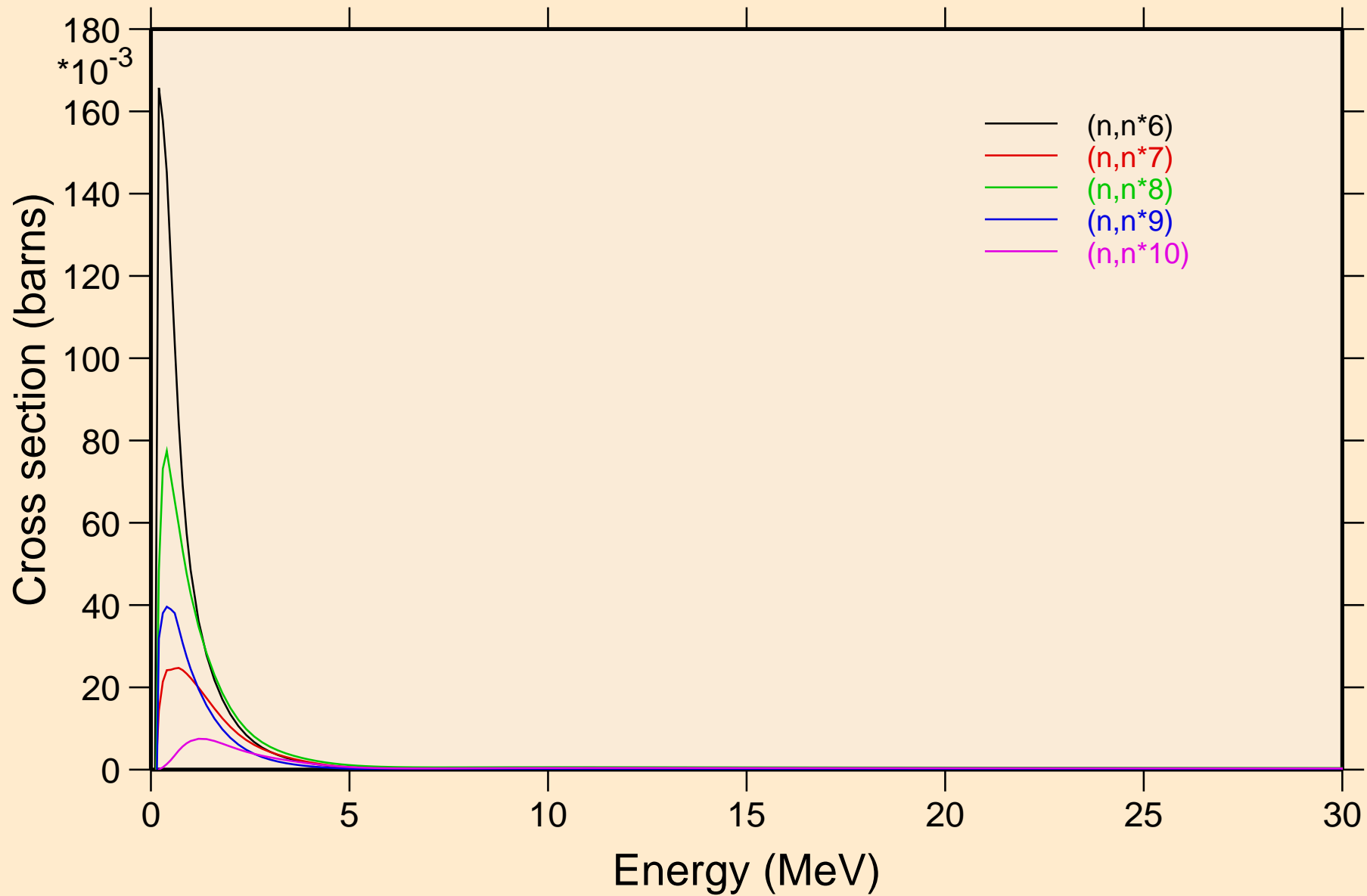
# SB124 NRG TENDL-2015, AKONING

## Inelastic levels



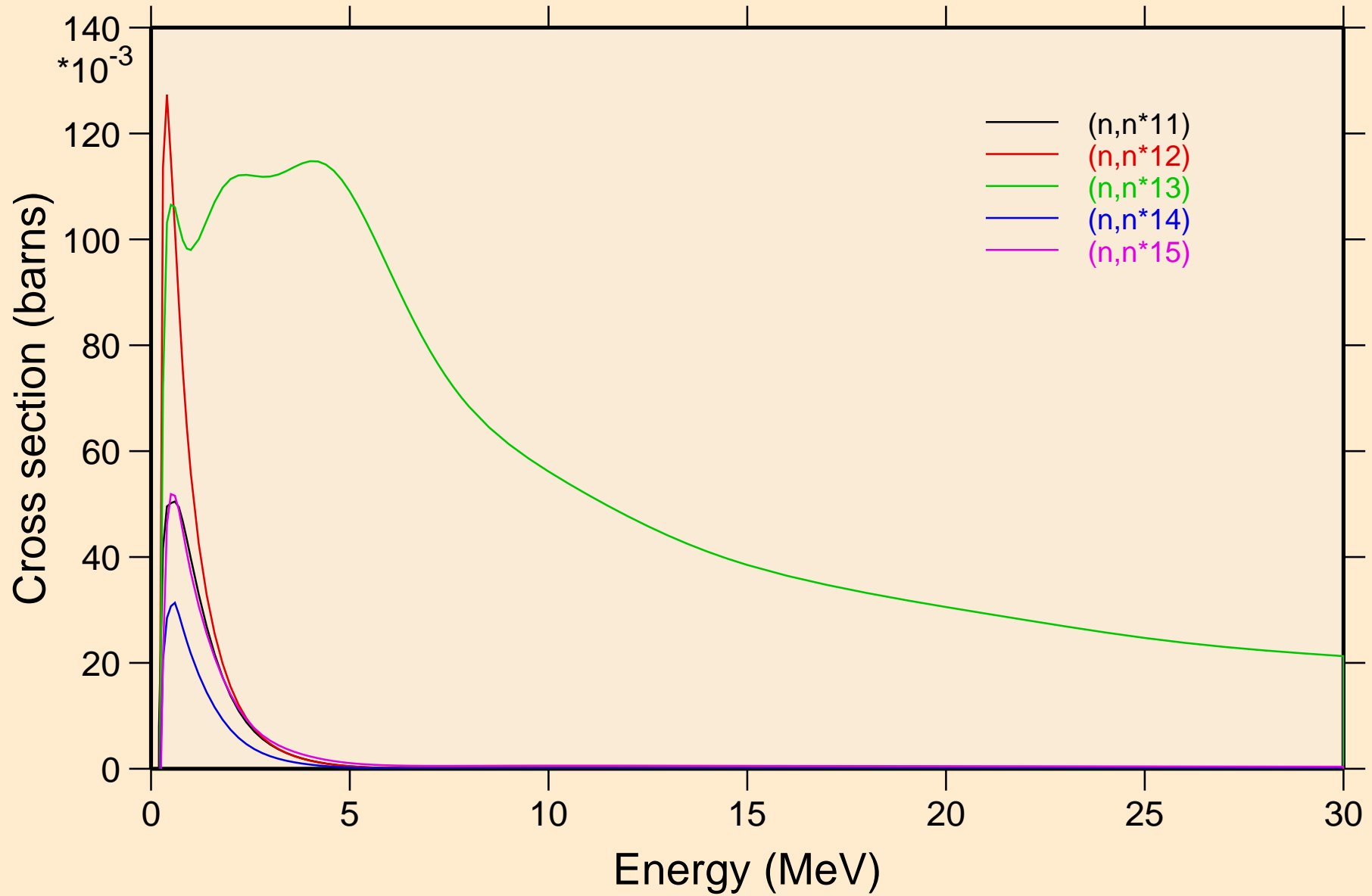
# SB124 NRG TENDL-2015, AKONING

## Inelastic levels



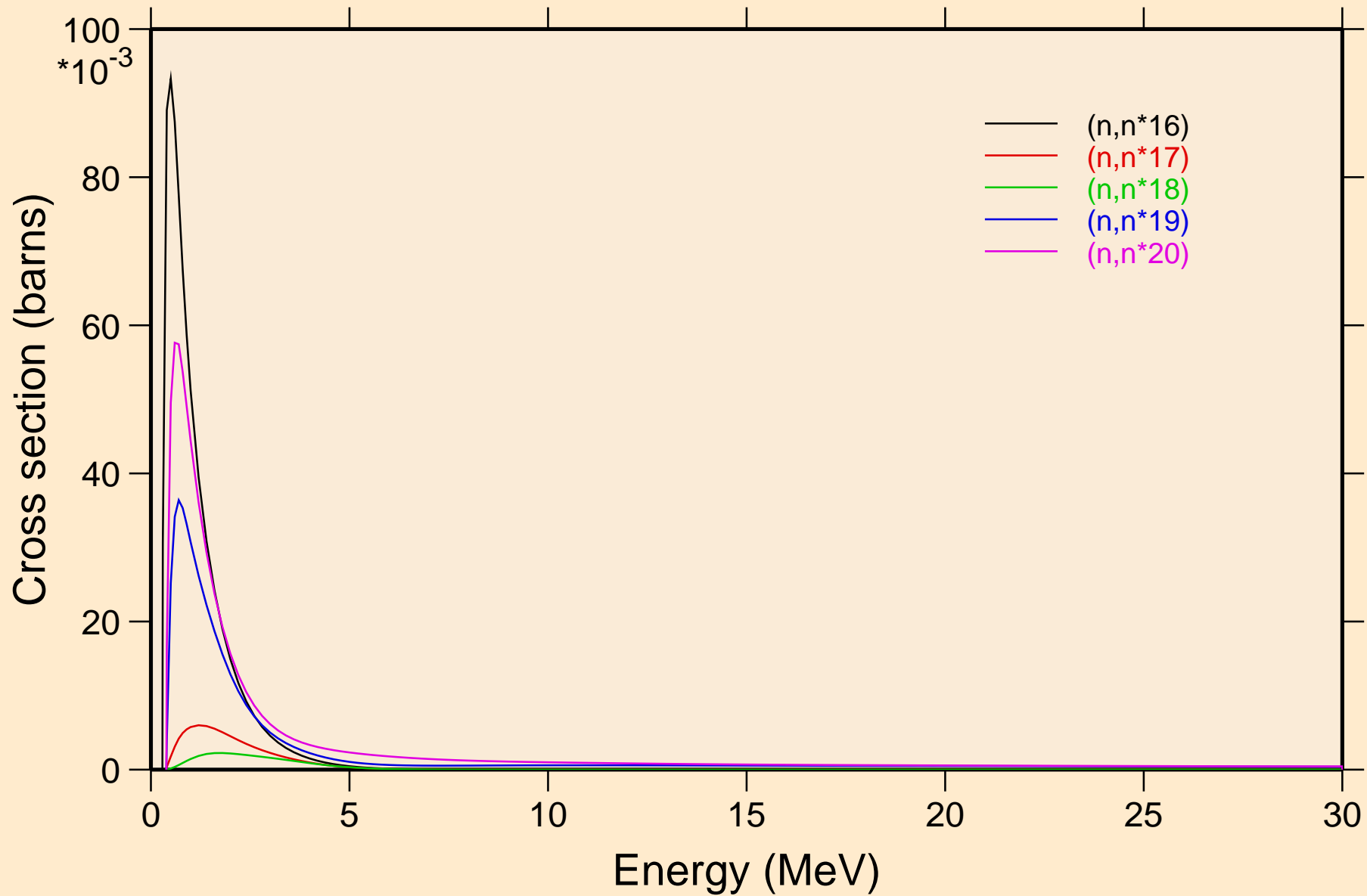
# SB124 NRG TENDL-2015, AKONING

## Inelastic levels



# SB124 NRG TENDL-2015, AKONING

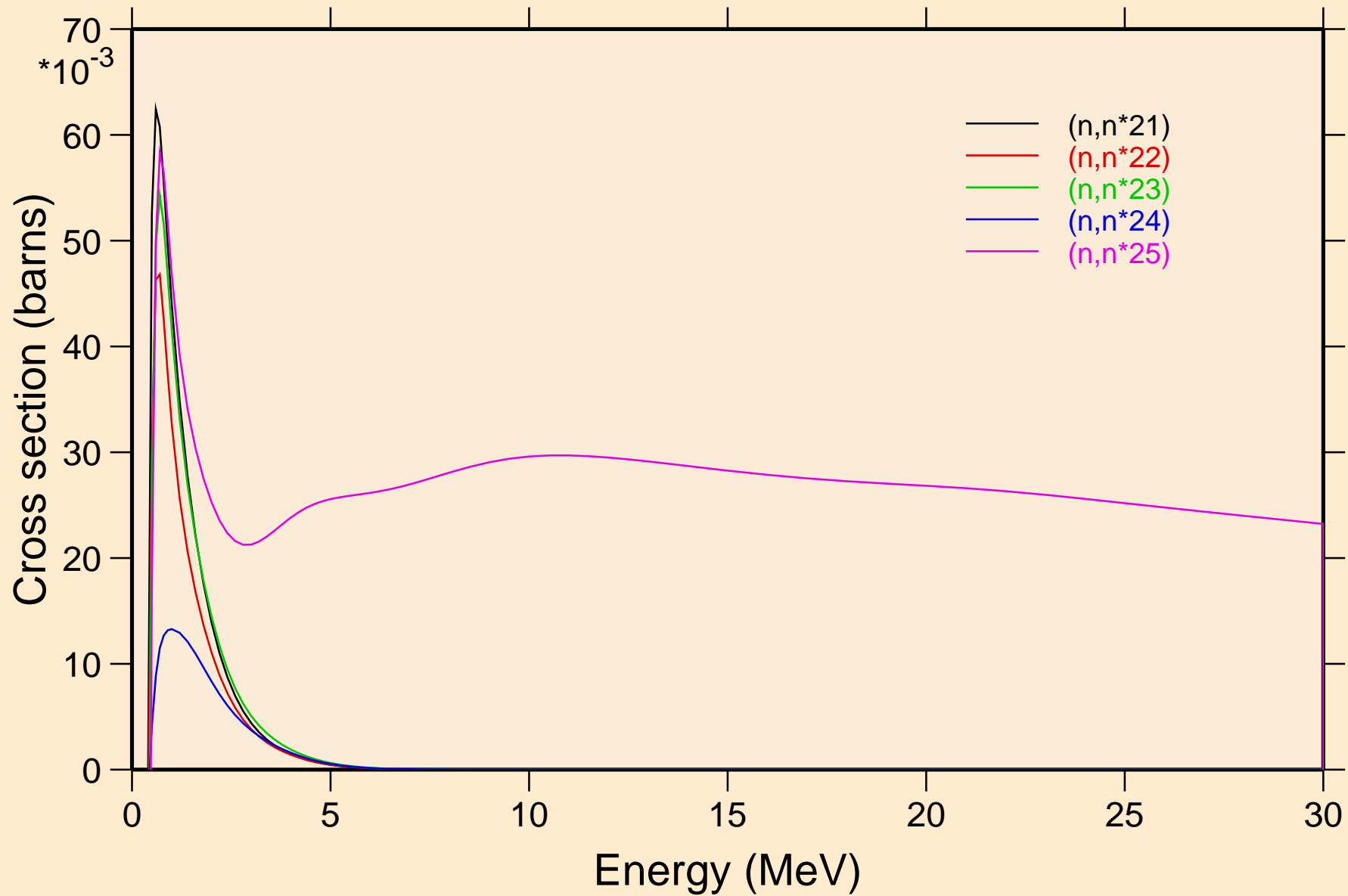
## Inelastic levels





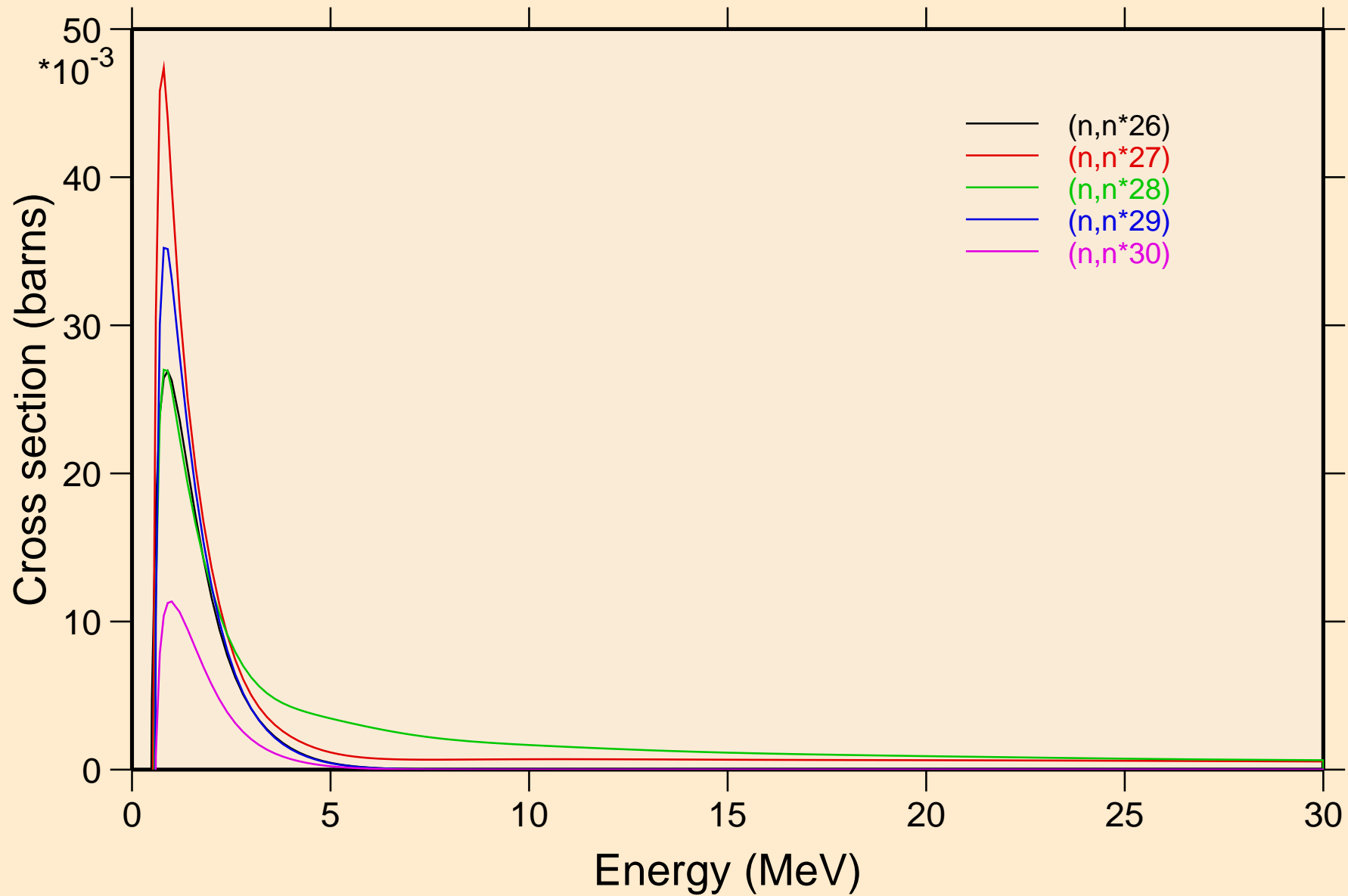
# SB124 NRG TENDL-2015, AKONING

## Inelastic levels



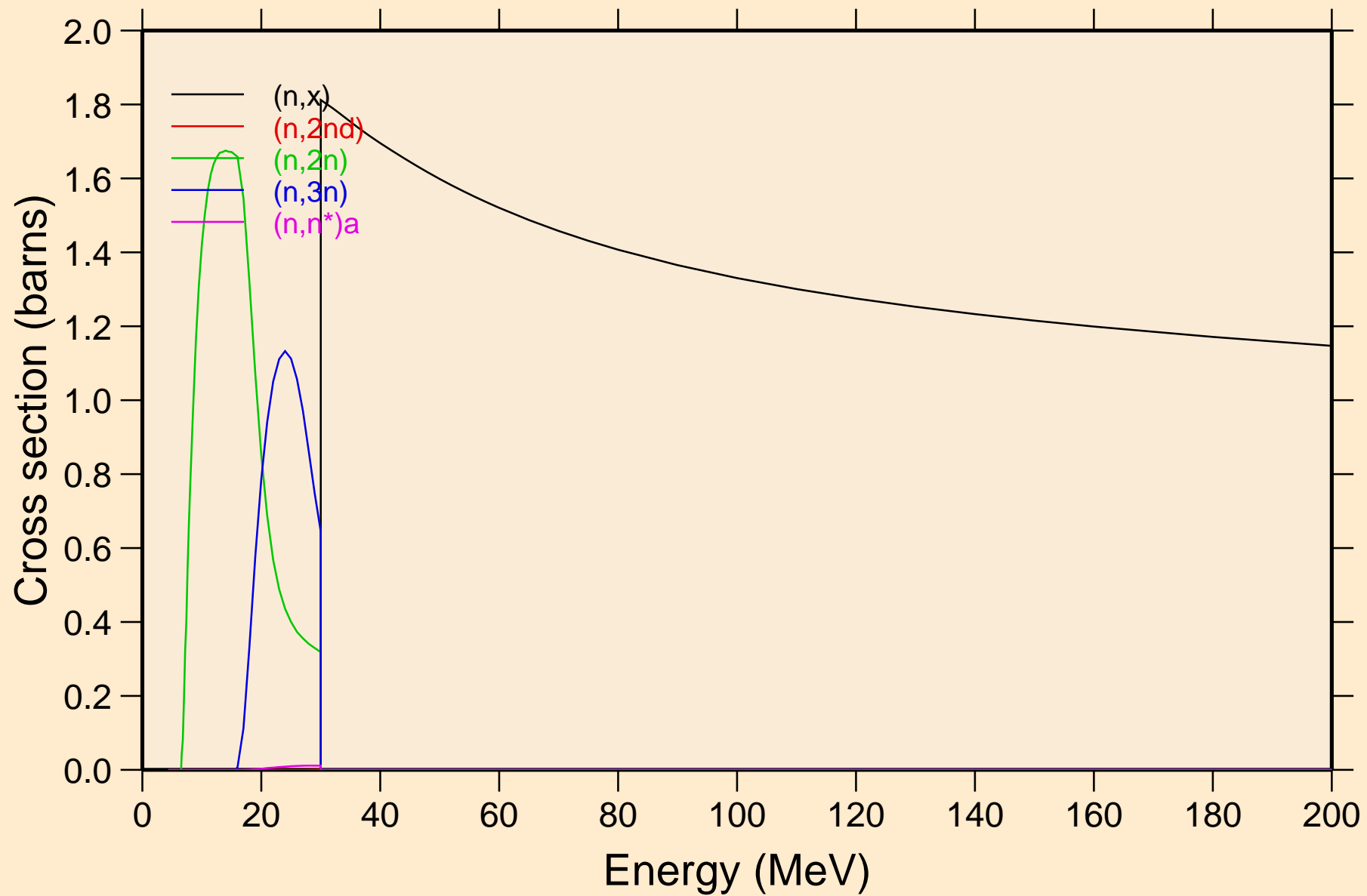
# SB124 NRG TENDL-2015, AKONING

## Inelastic levels



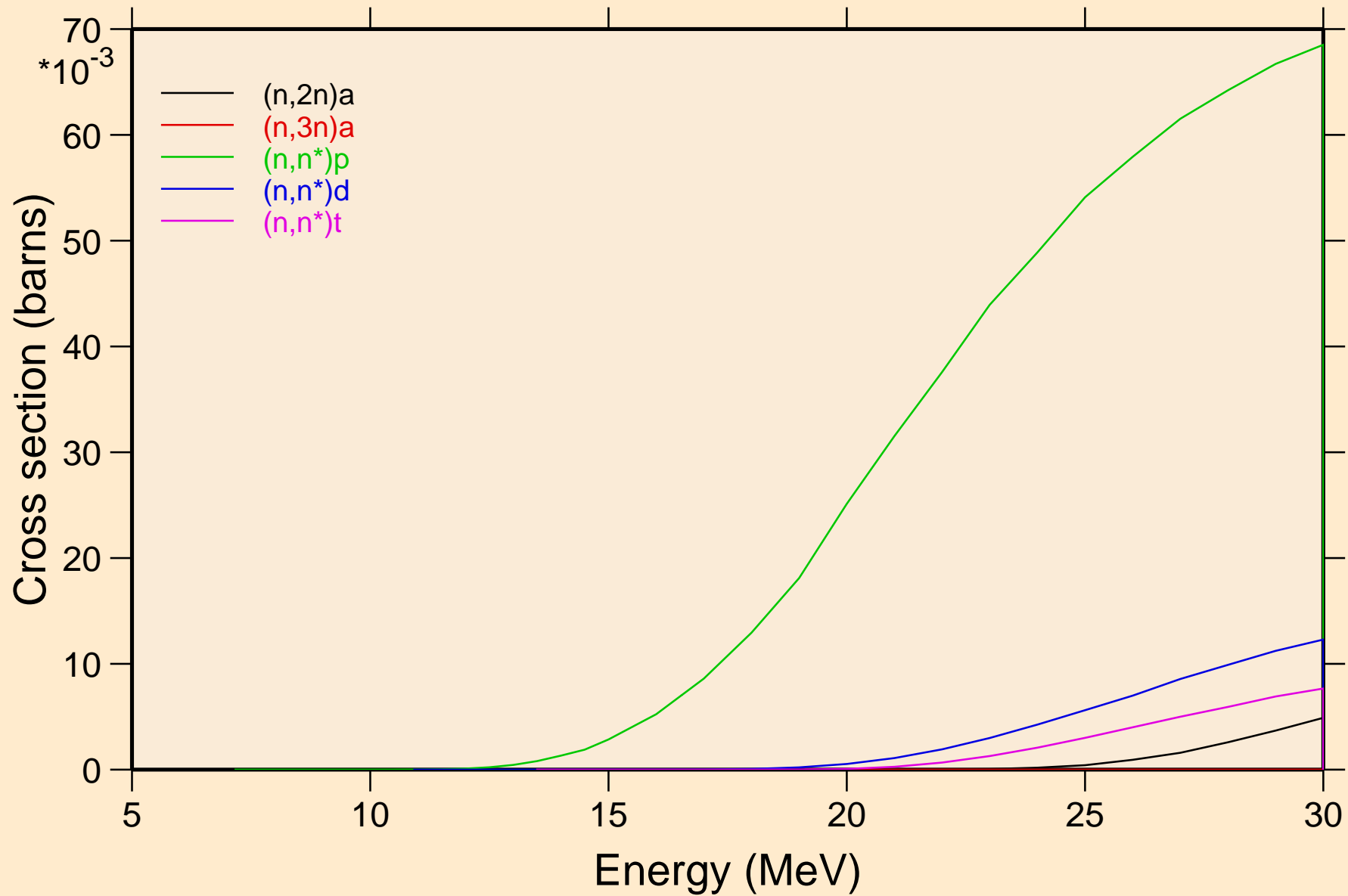
# SB124 NRG TENDL-2015, AKONING

## Threshold reactions



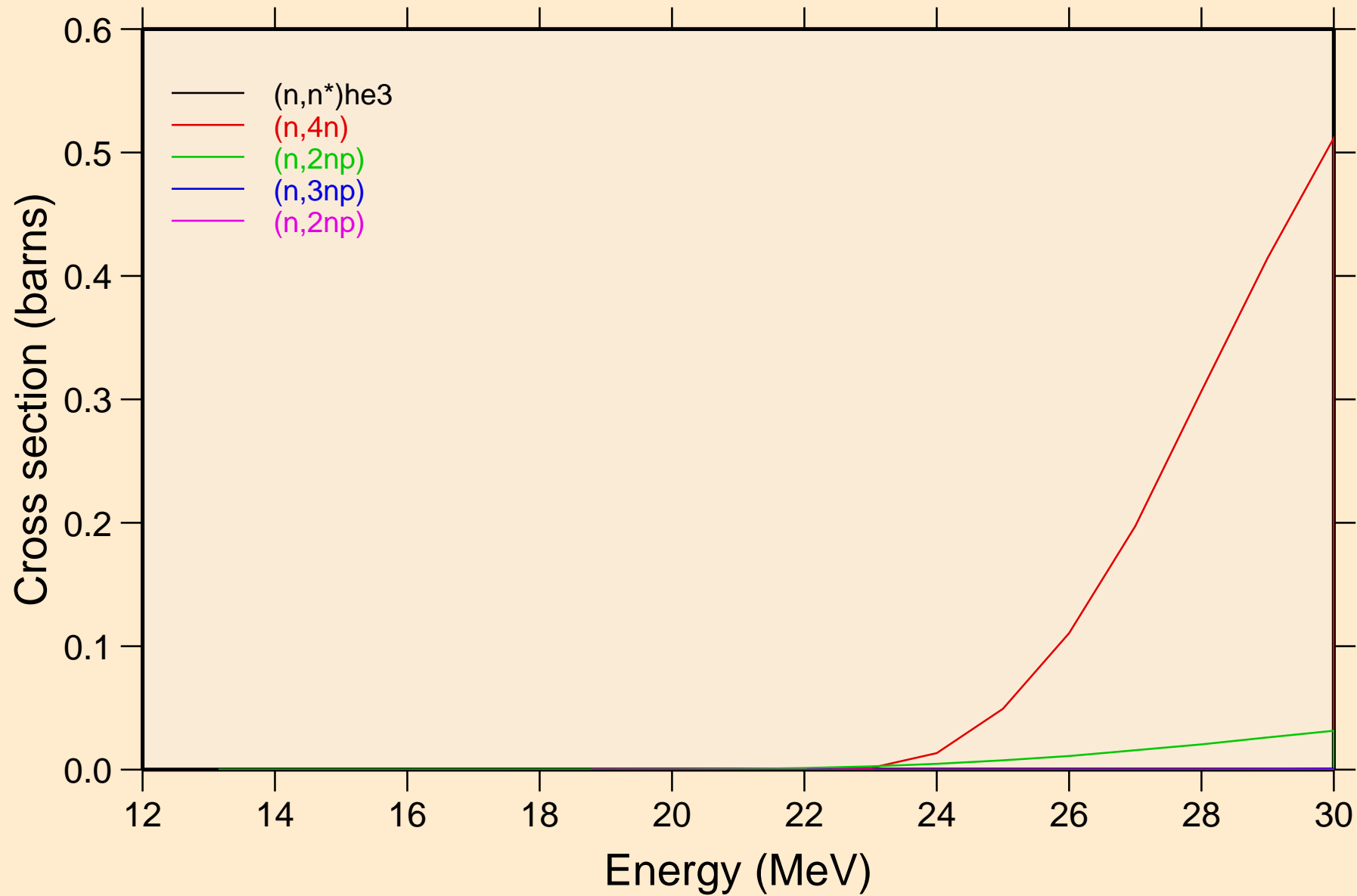
# SB124 NRG TENDL-2015, AKONING

## Threshold reactions



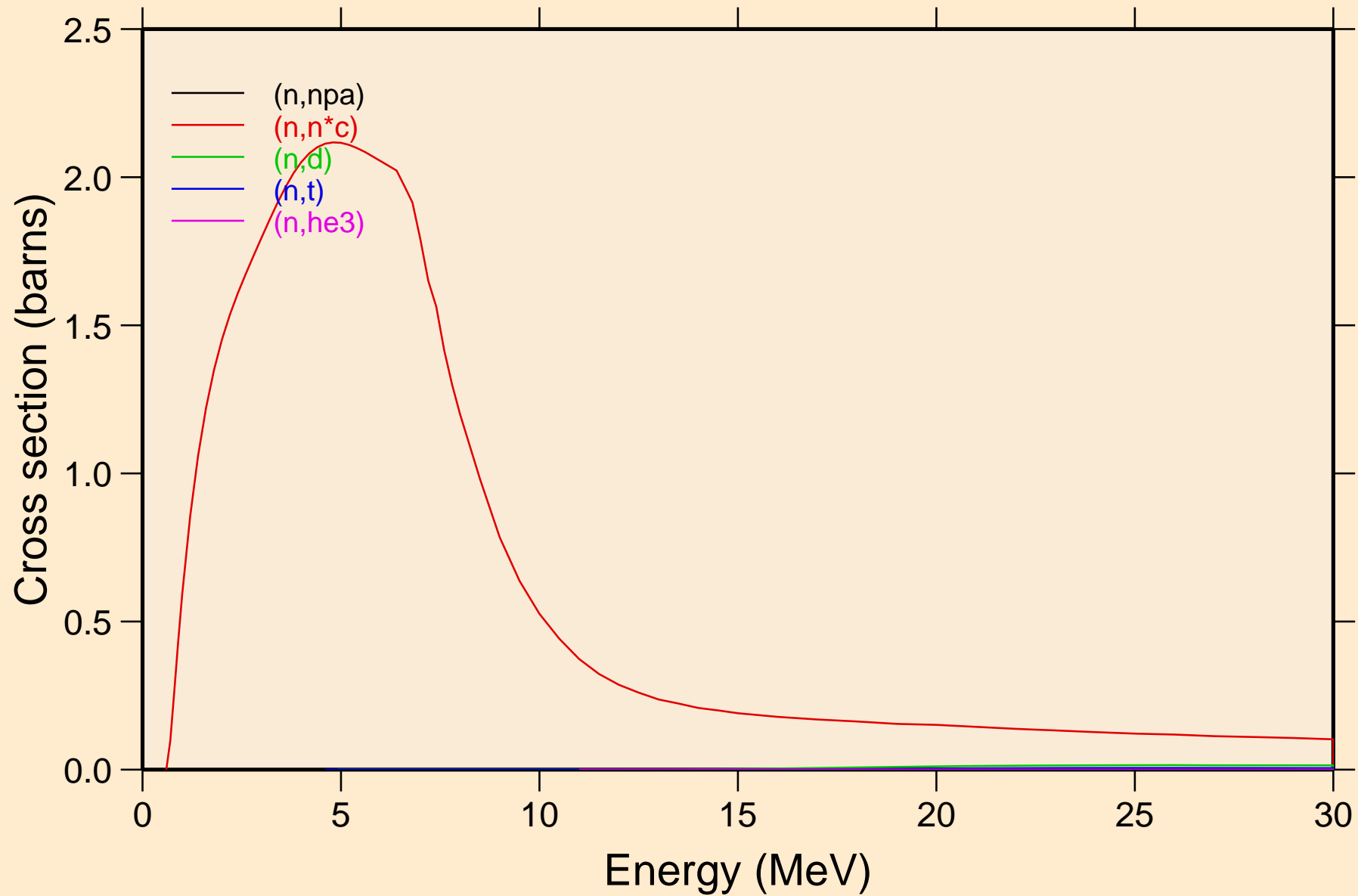
# SB124 NRG TENDL-2015, AKONING

## Threshold reactions



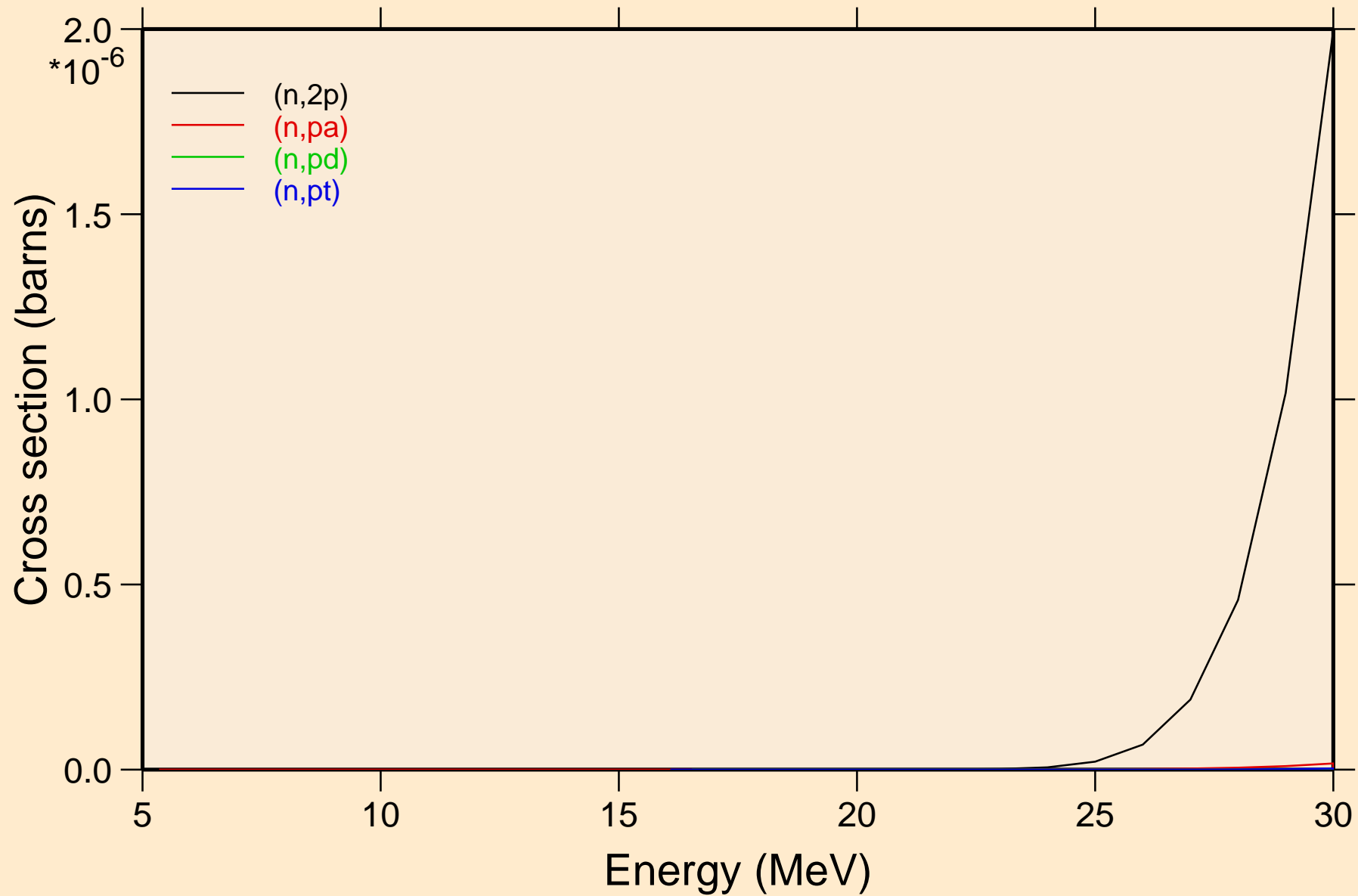
# SB124 NRG TENDL-2015, AKONING

## Threshold reactions

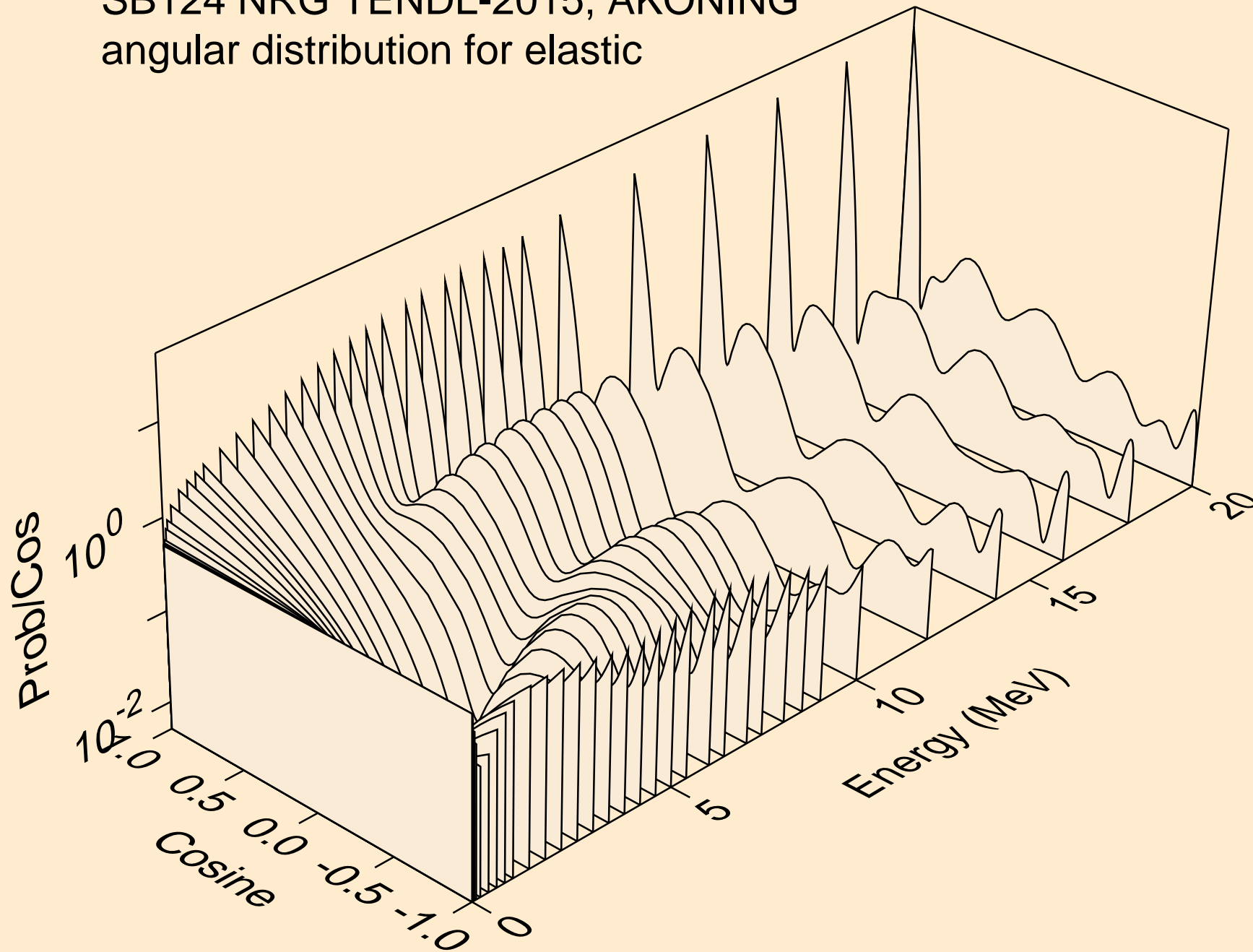


# SB124 NRG TENDL-2015, AKONING

## Threshold reactions

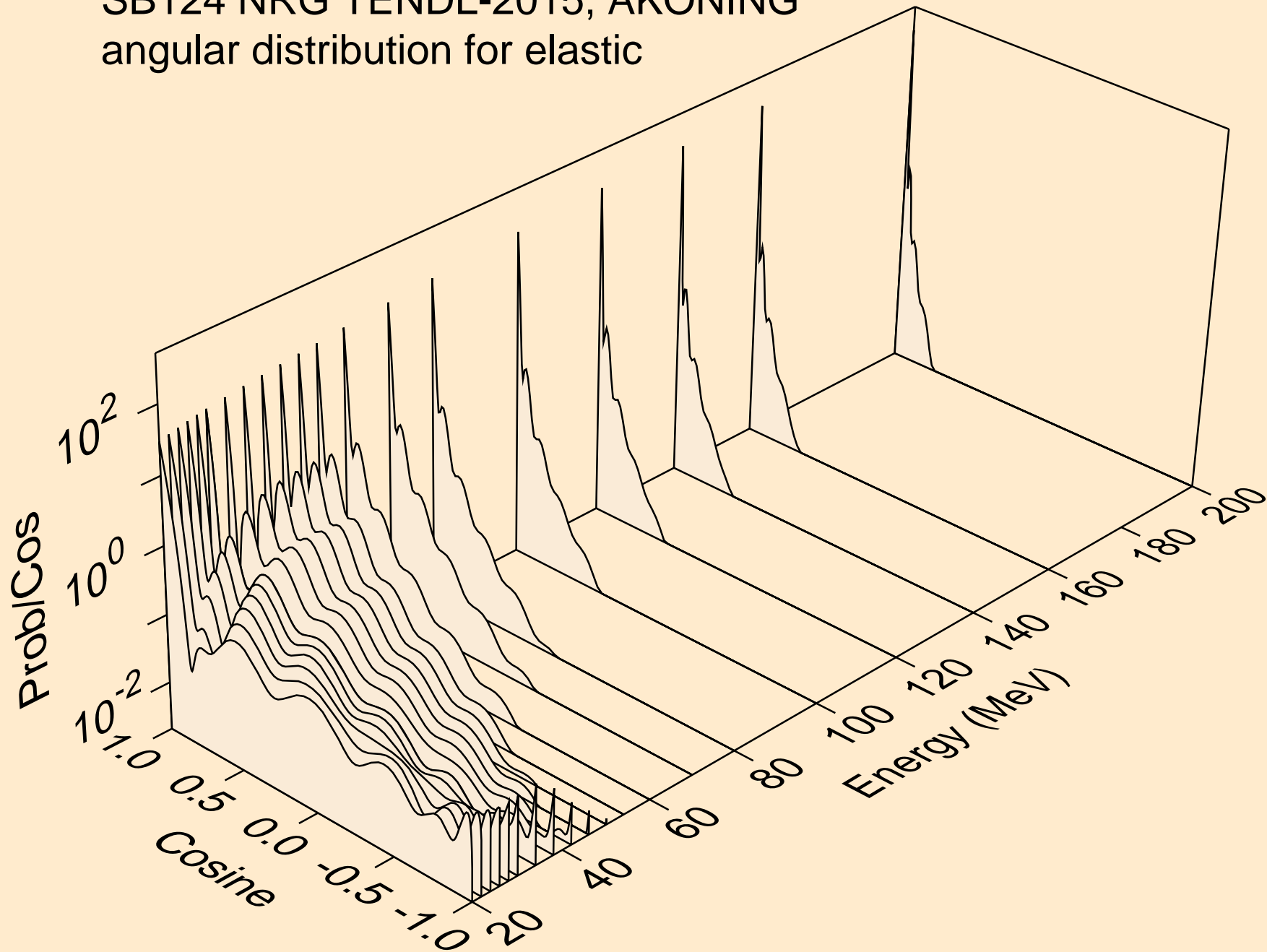


SB124 NRG TENDL-2015, AKONING  
angular distribution for elastic

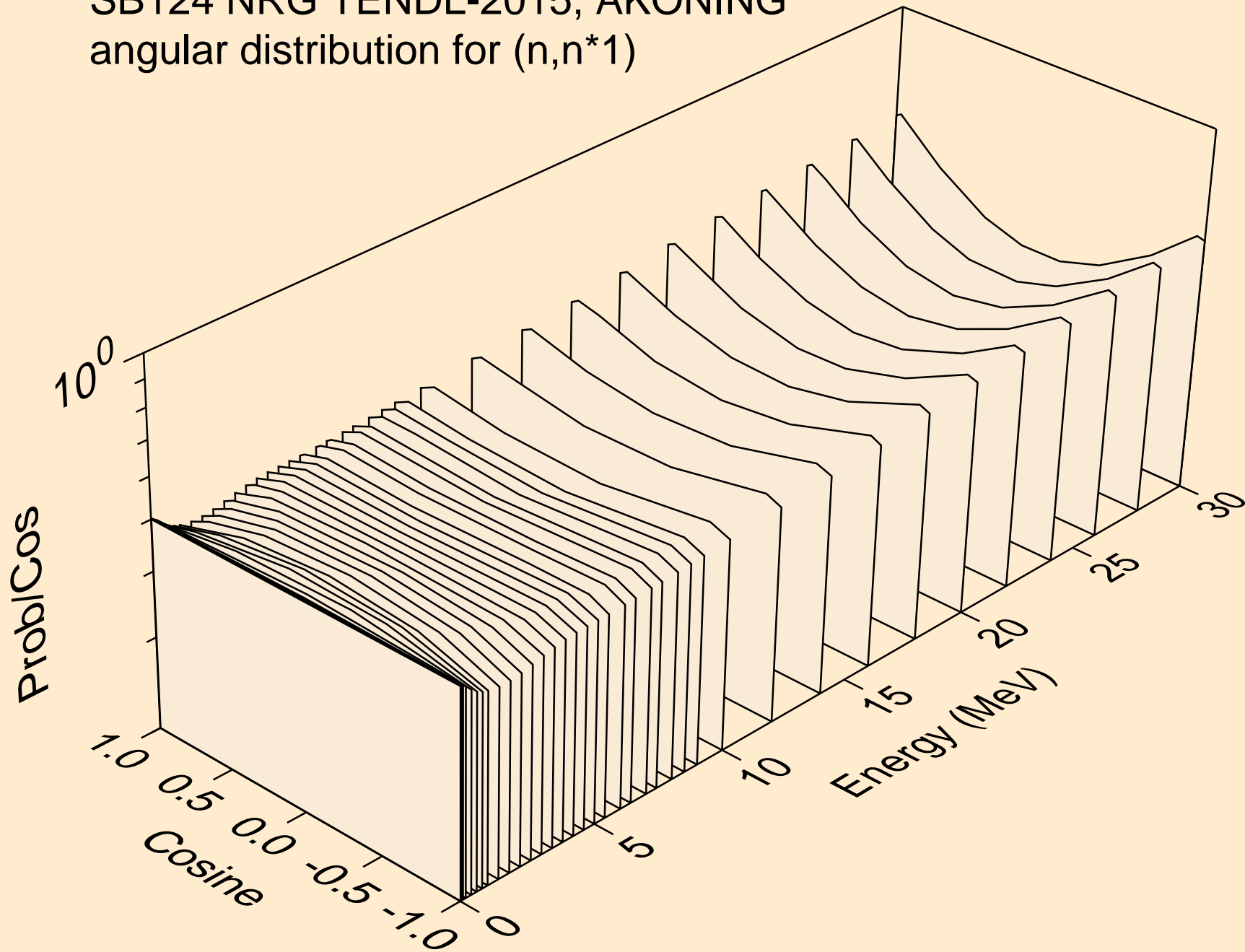




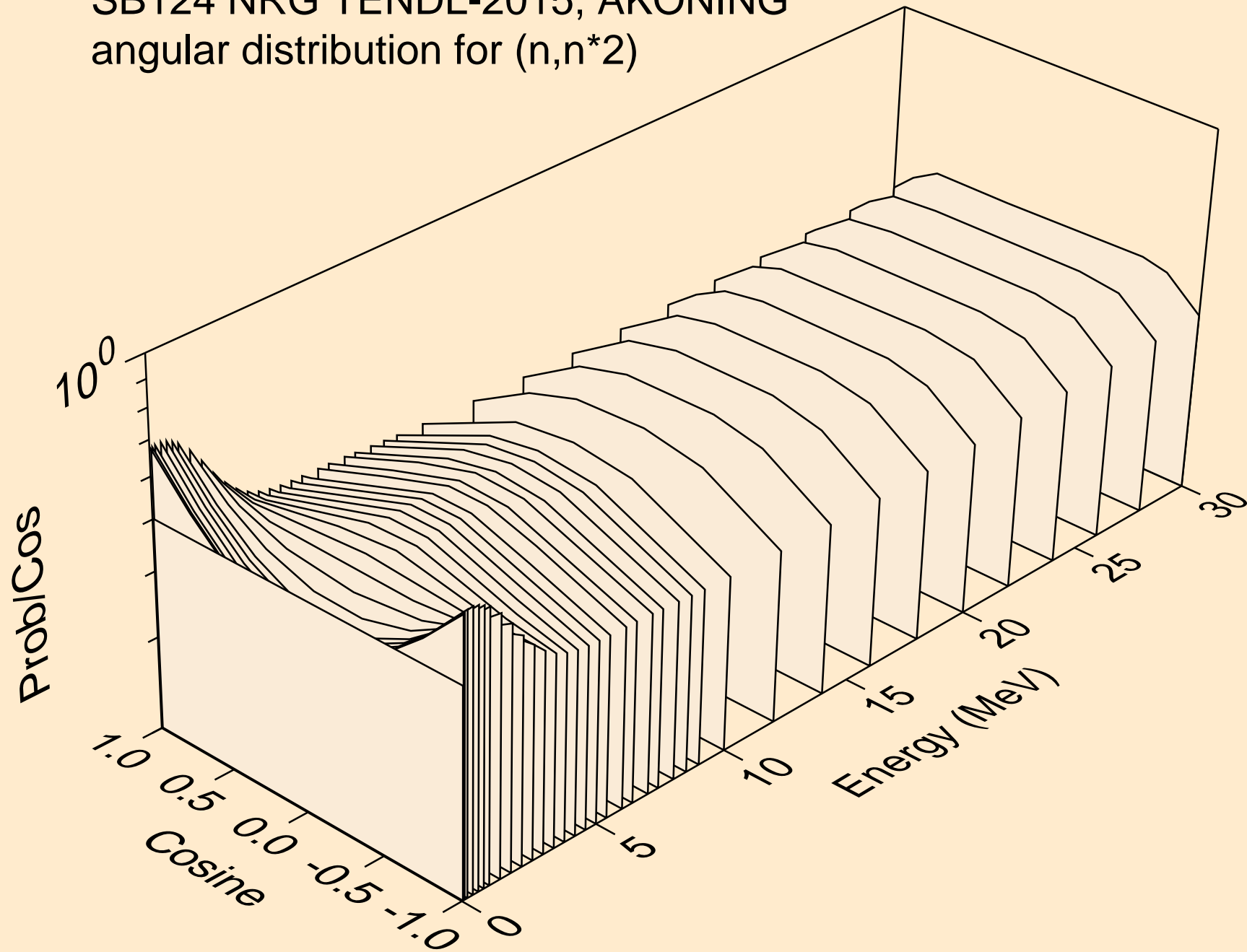
SB124 NRG TENDL-2015, AKONING  
angular distribution for elastic



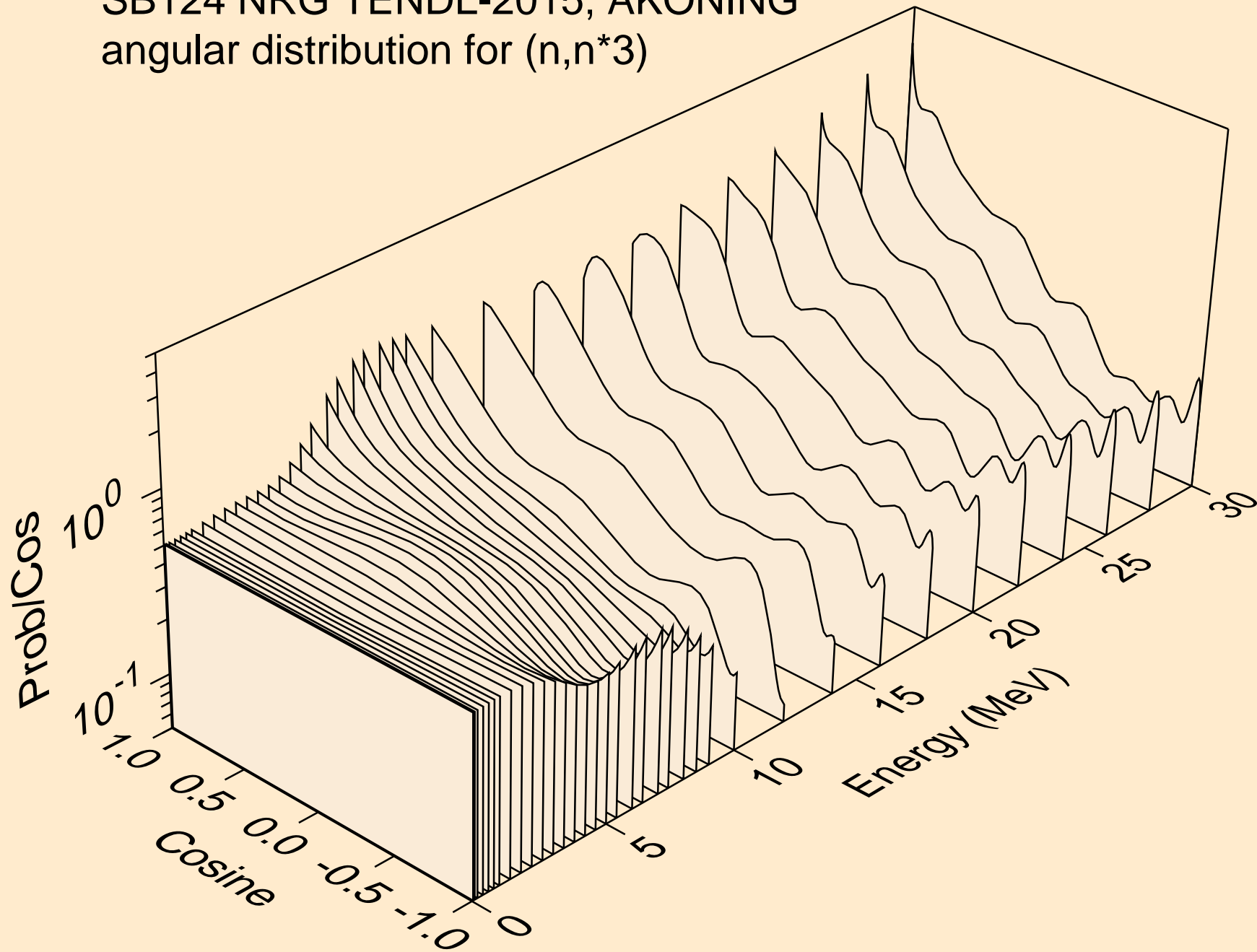
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



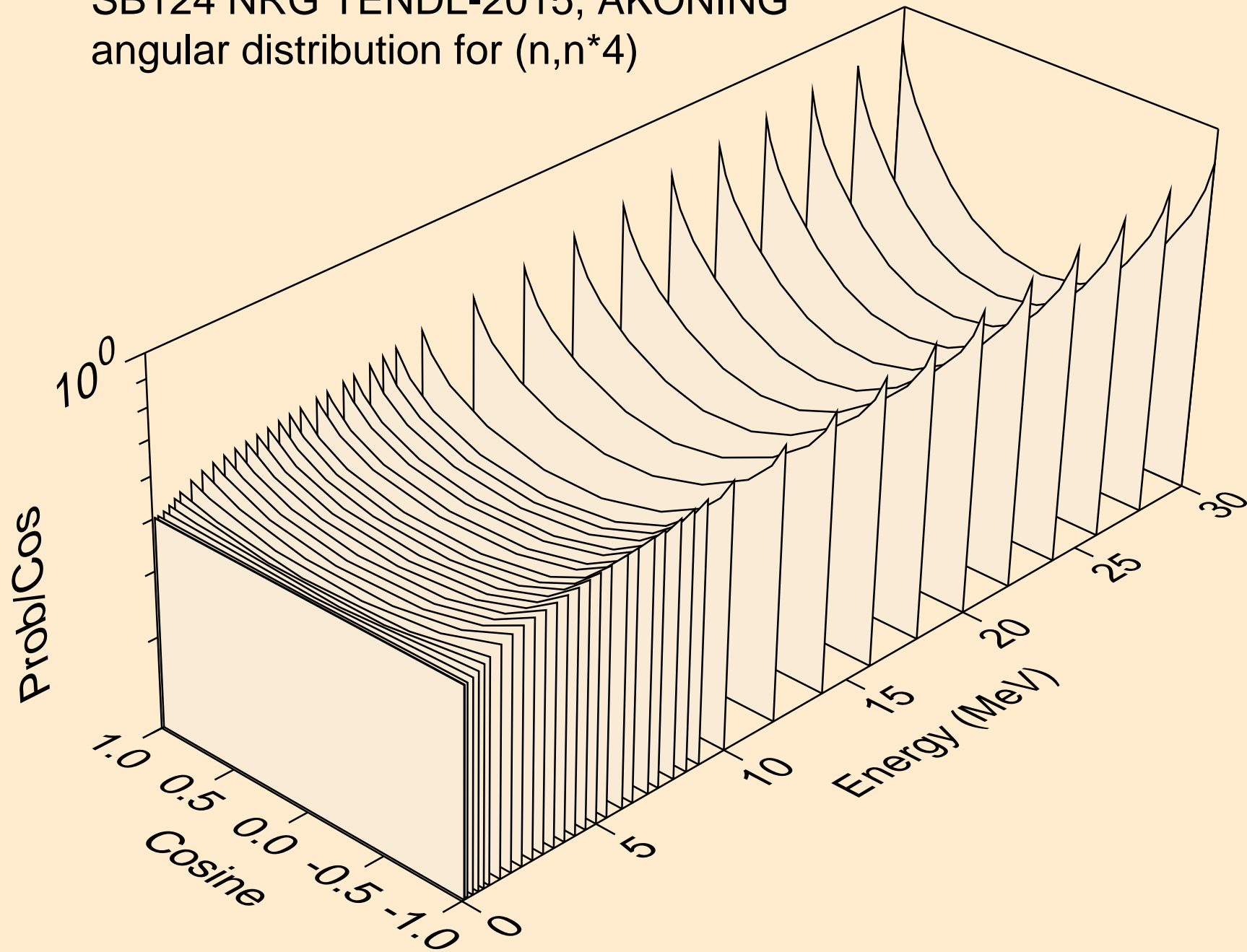
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



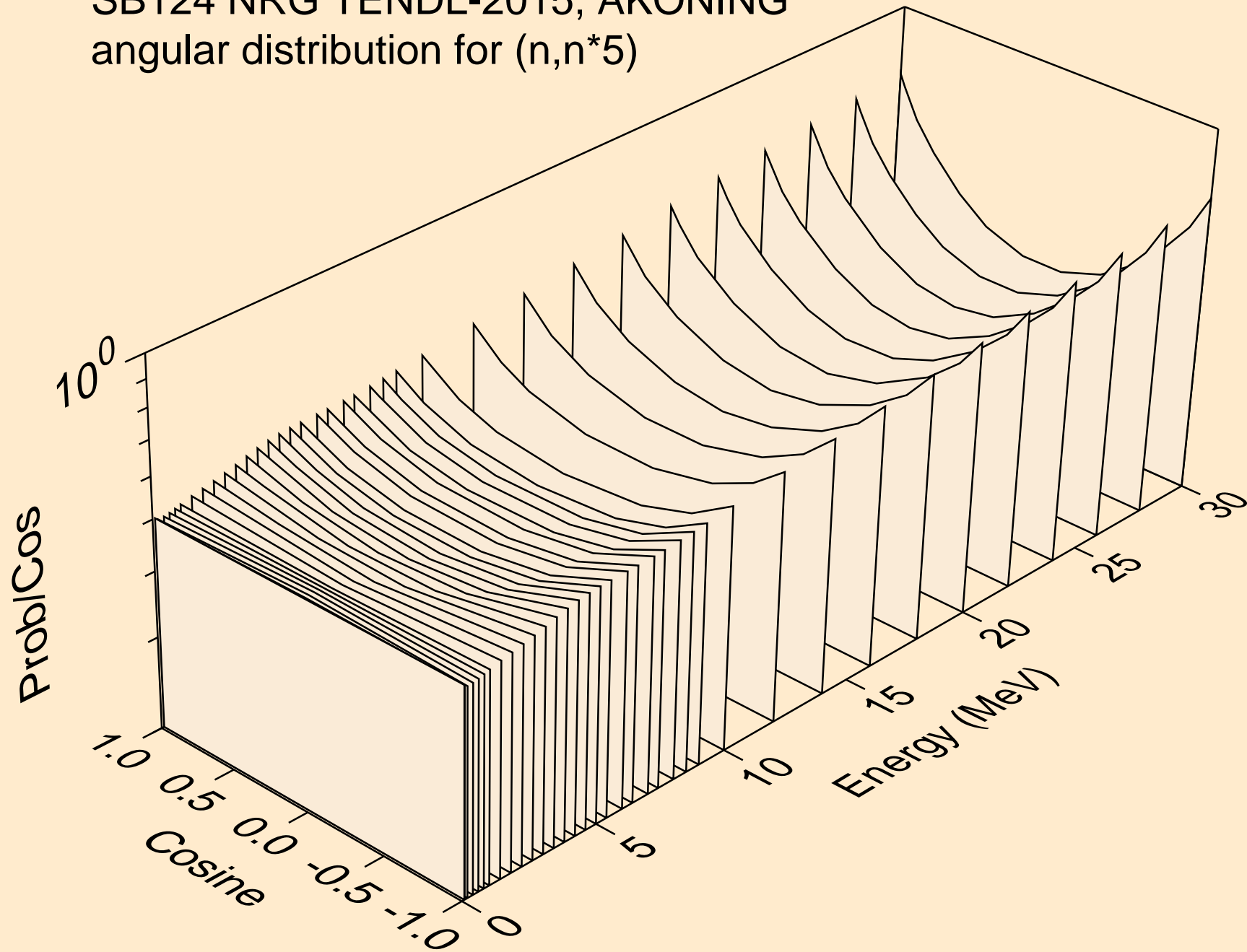
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



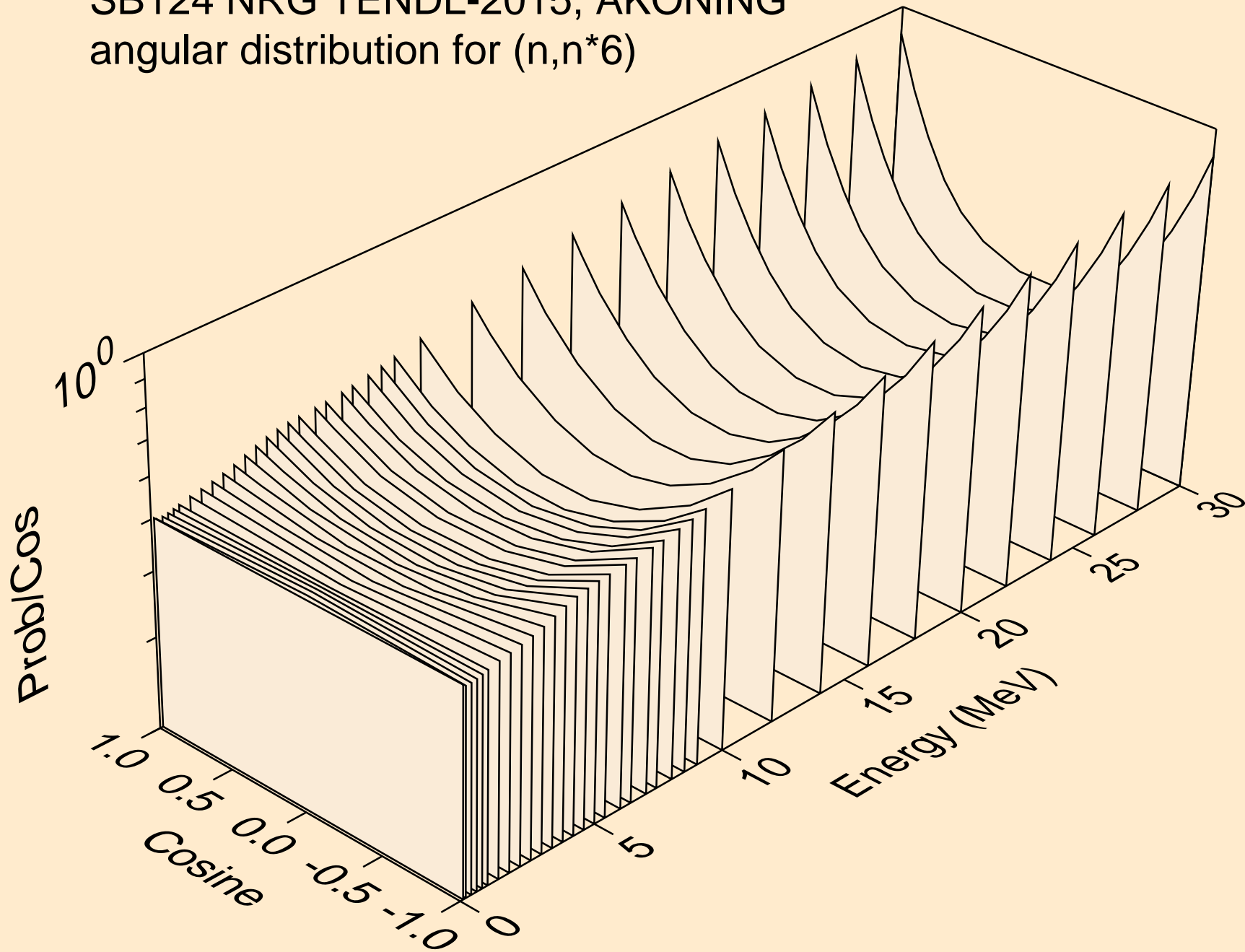
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



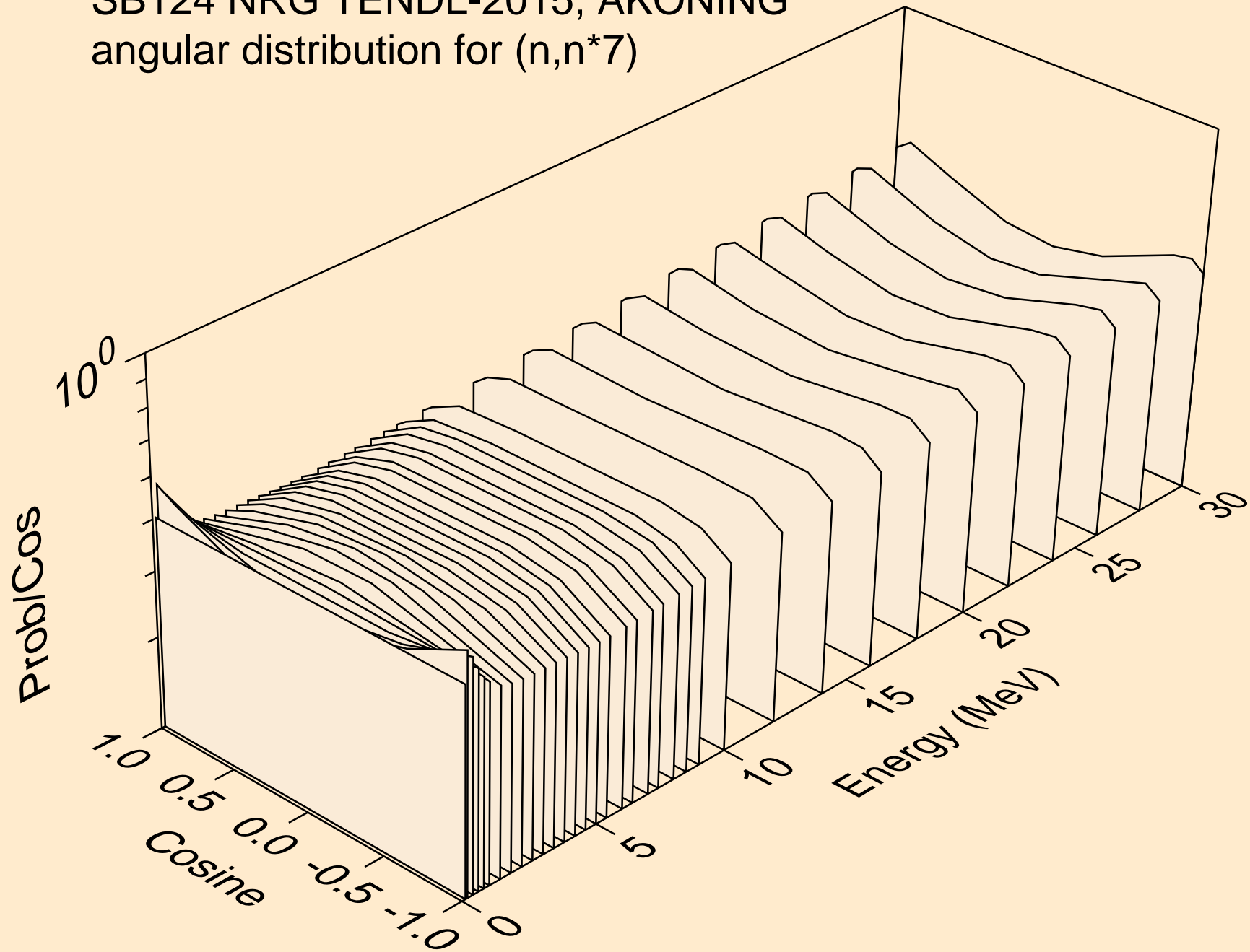
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

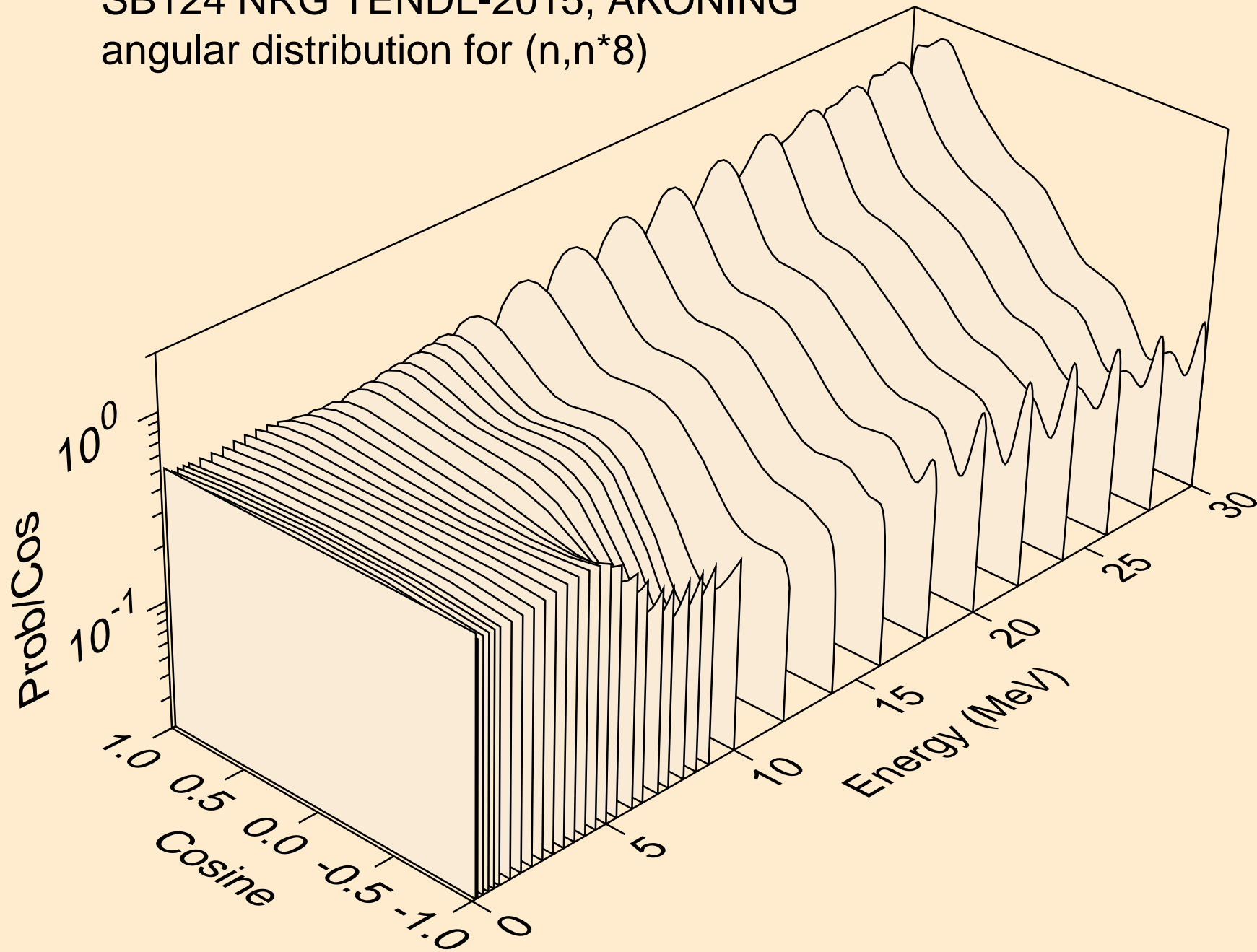


SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

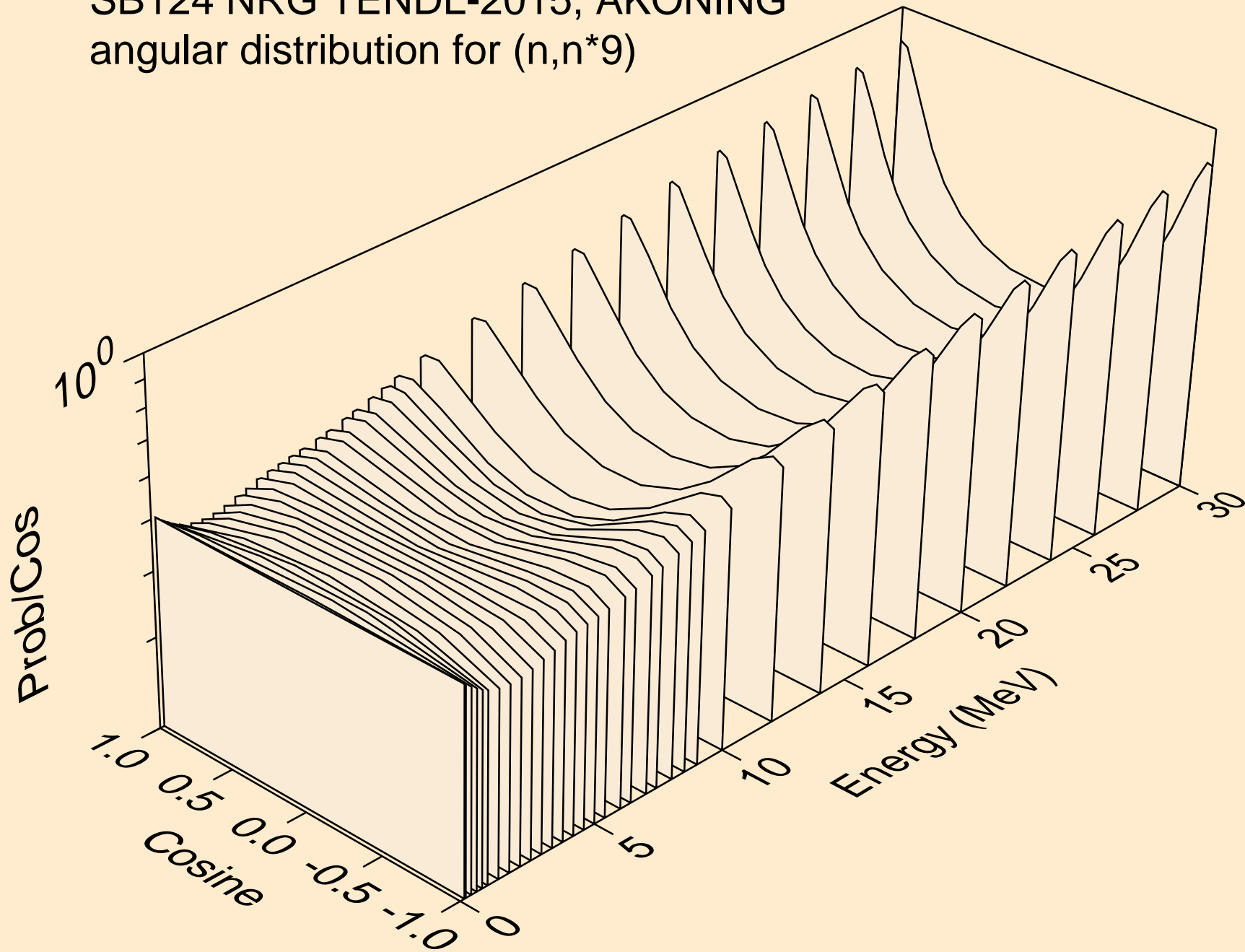




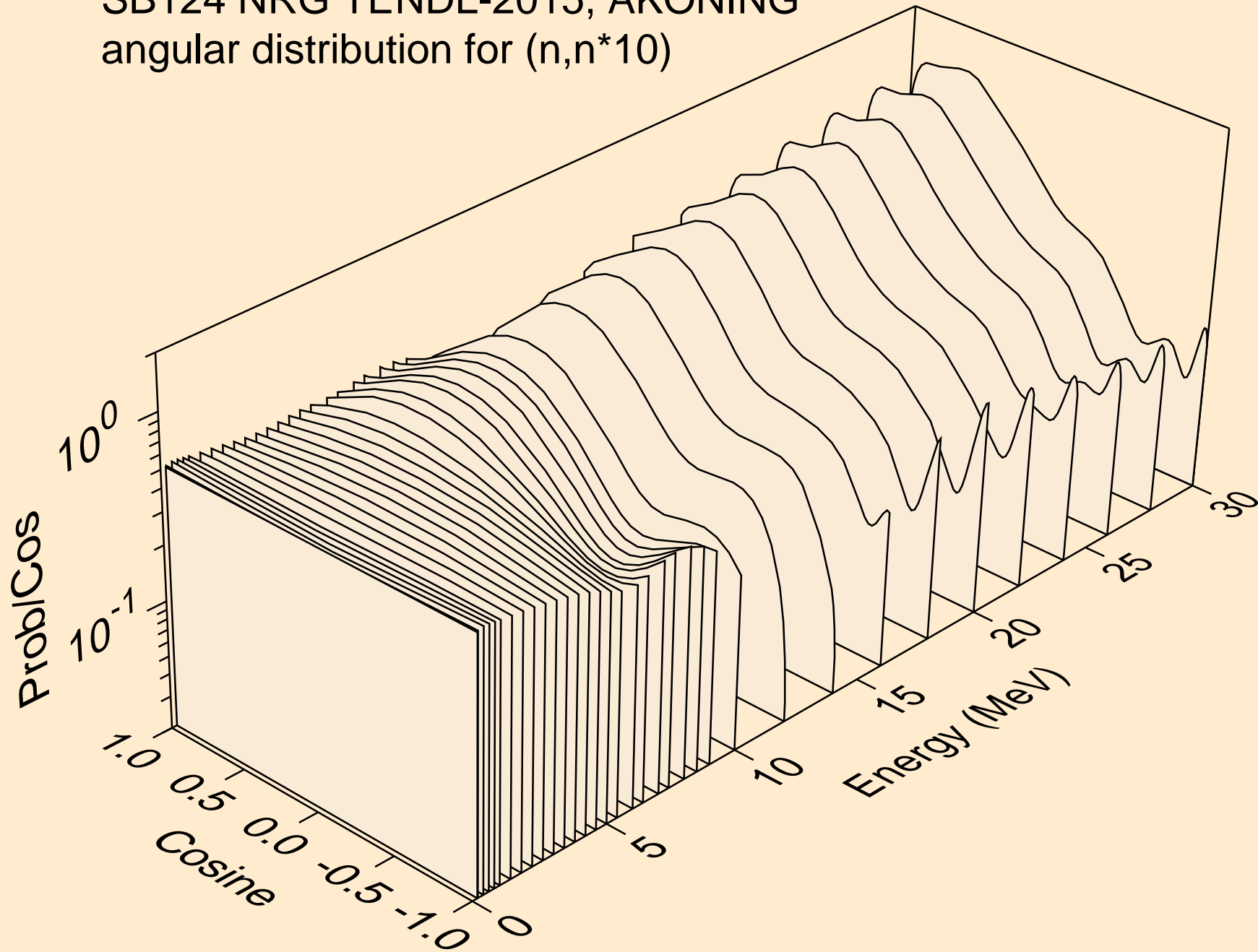
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



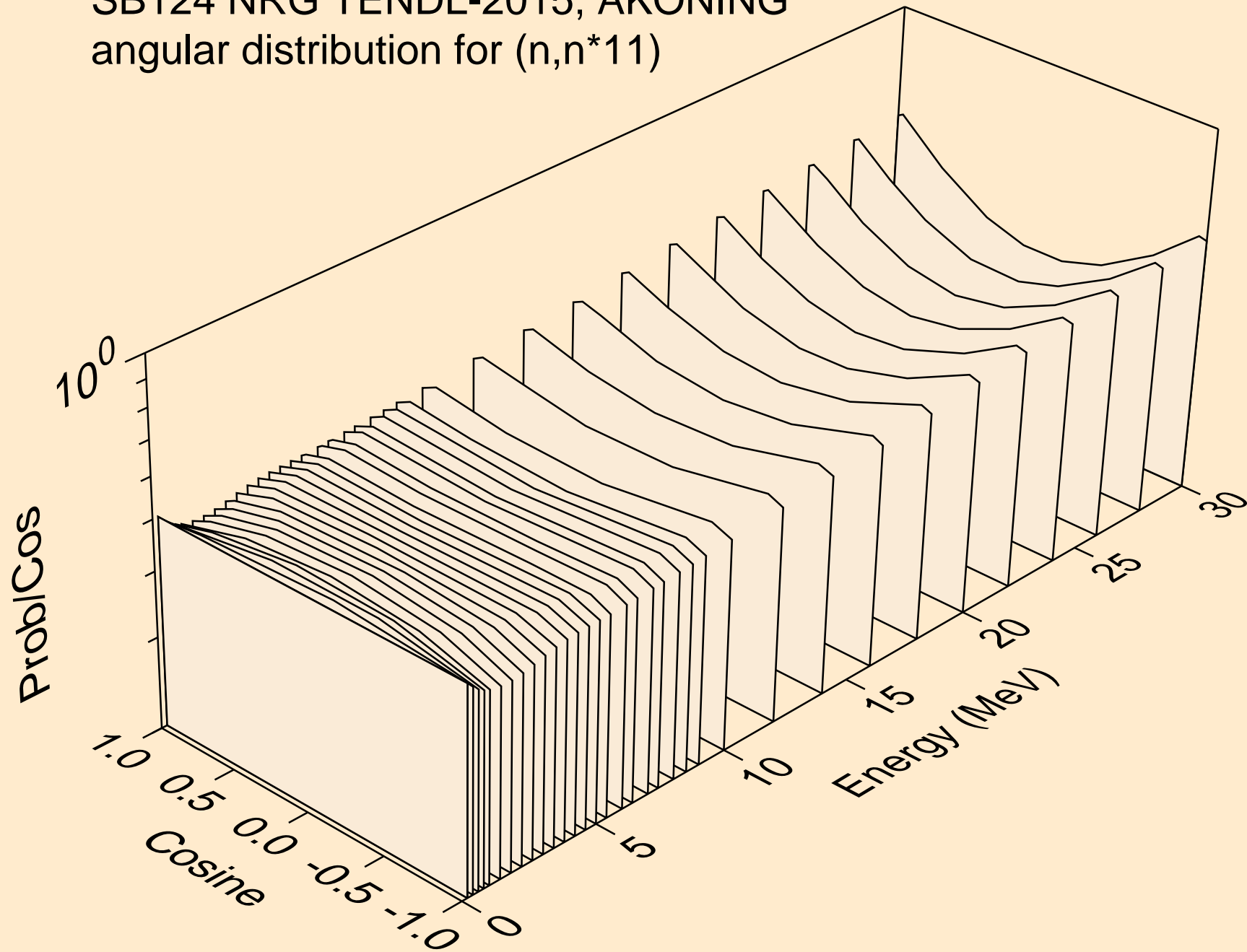
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



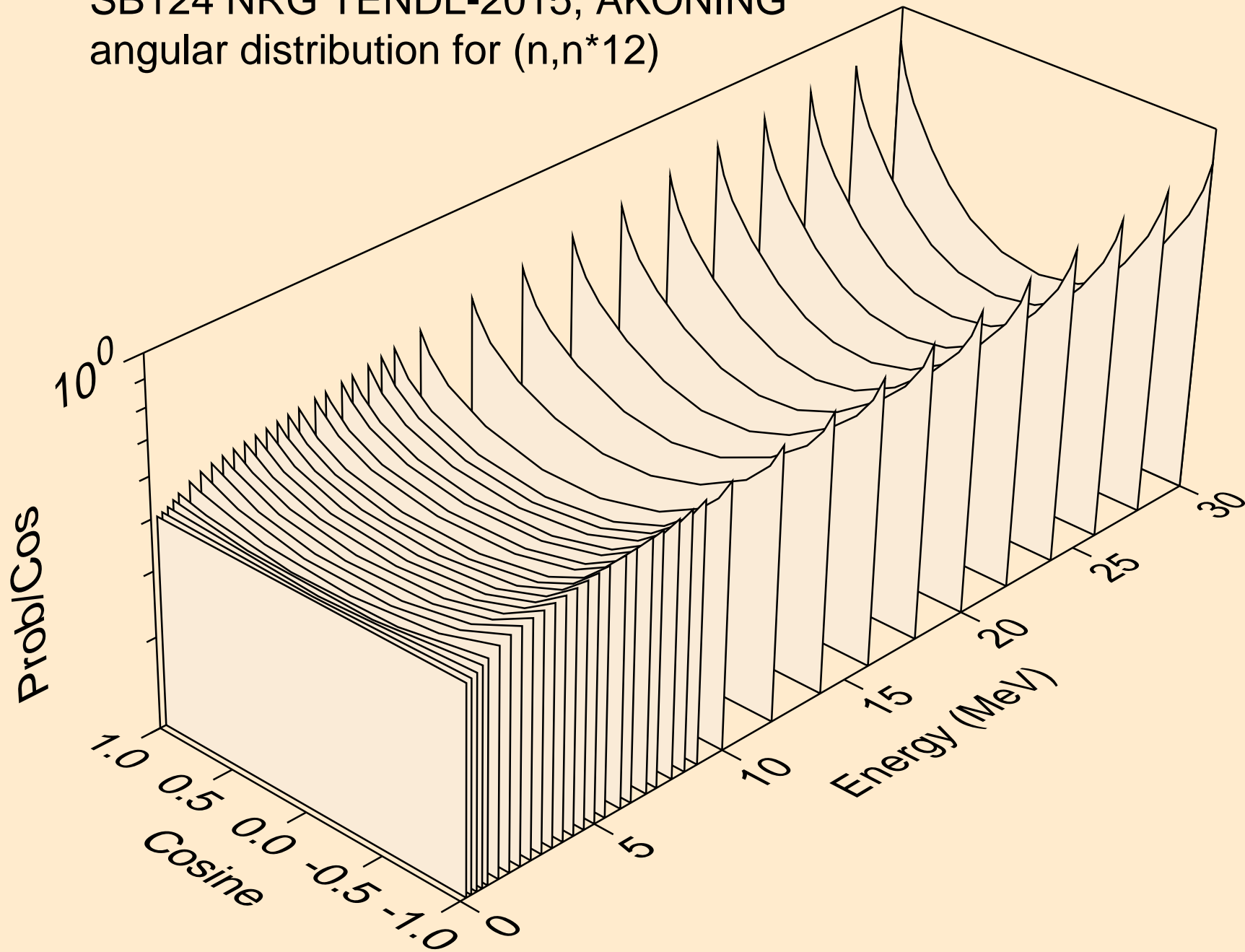
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



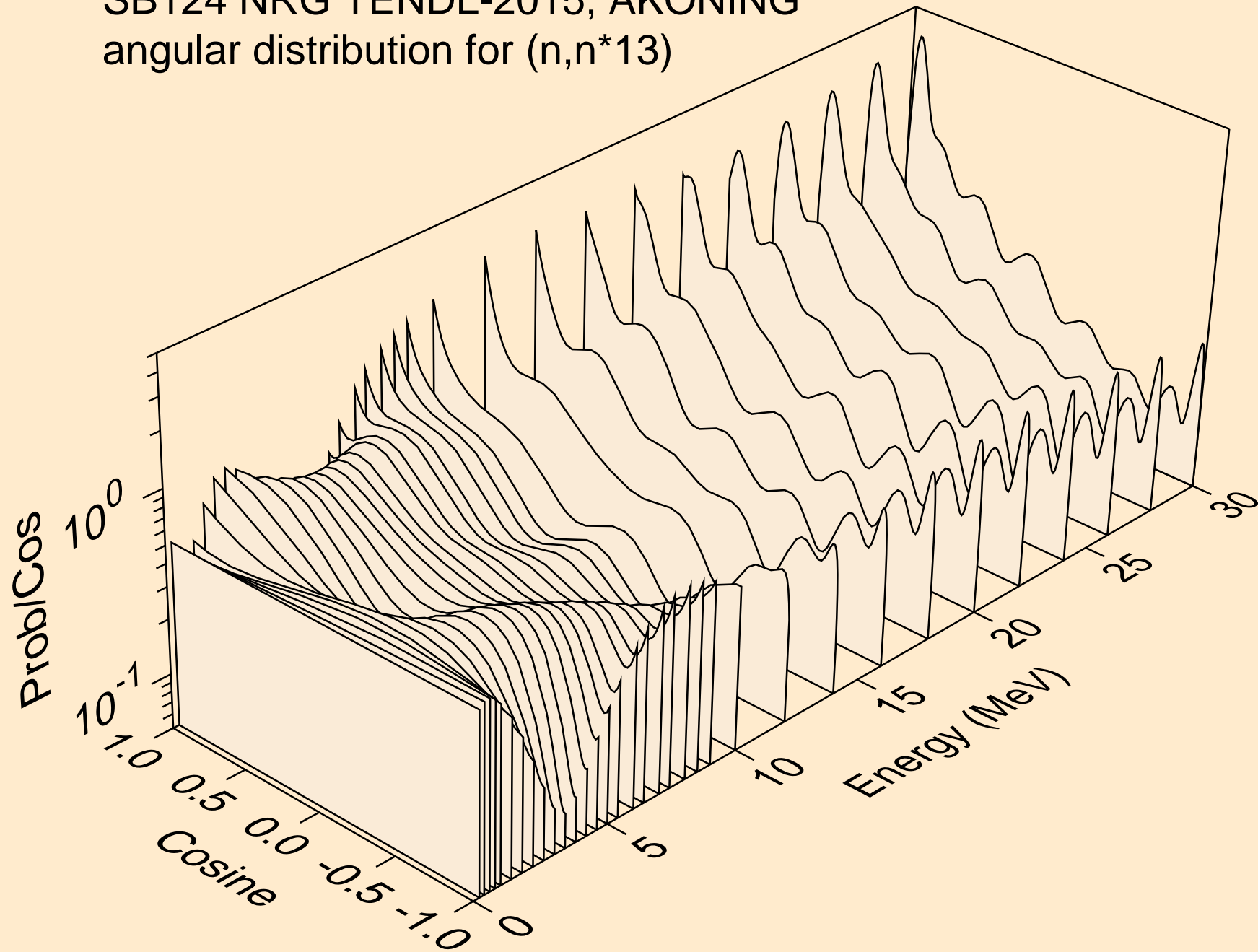
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



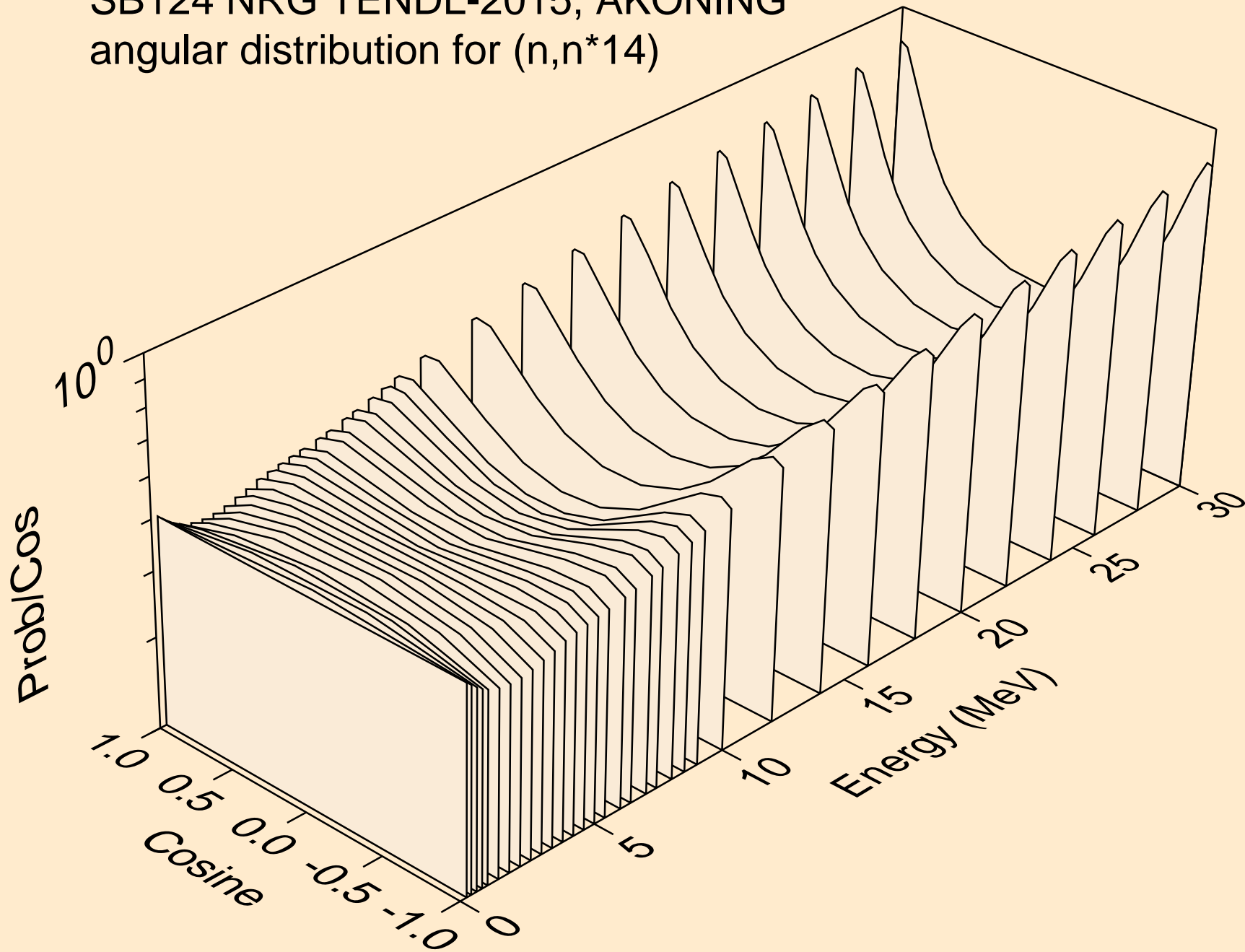
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



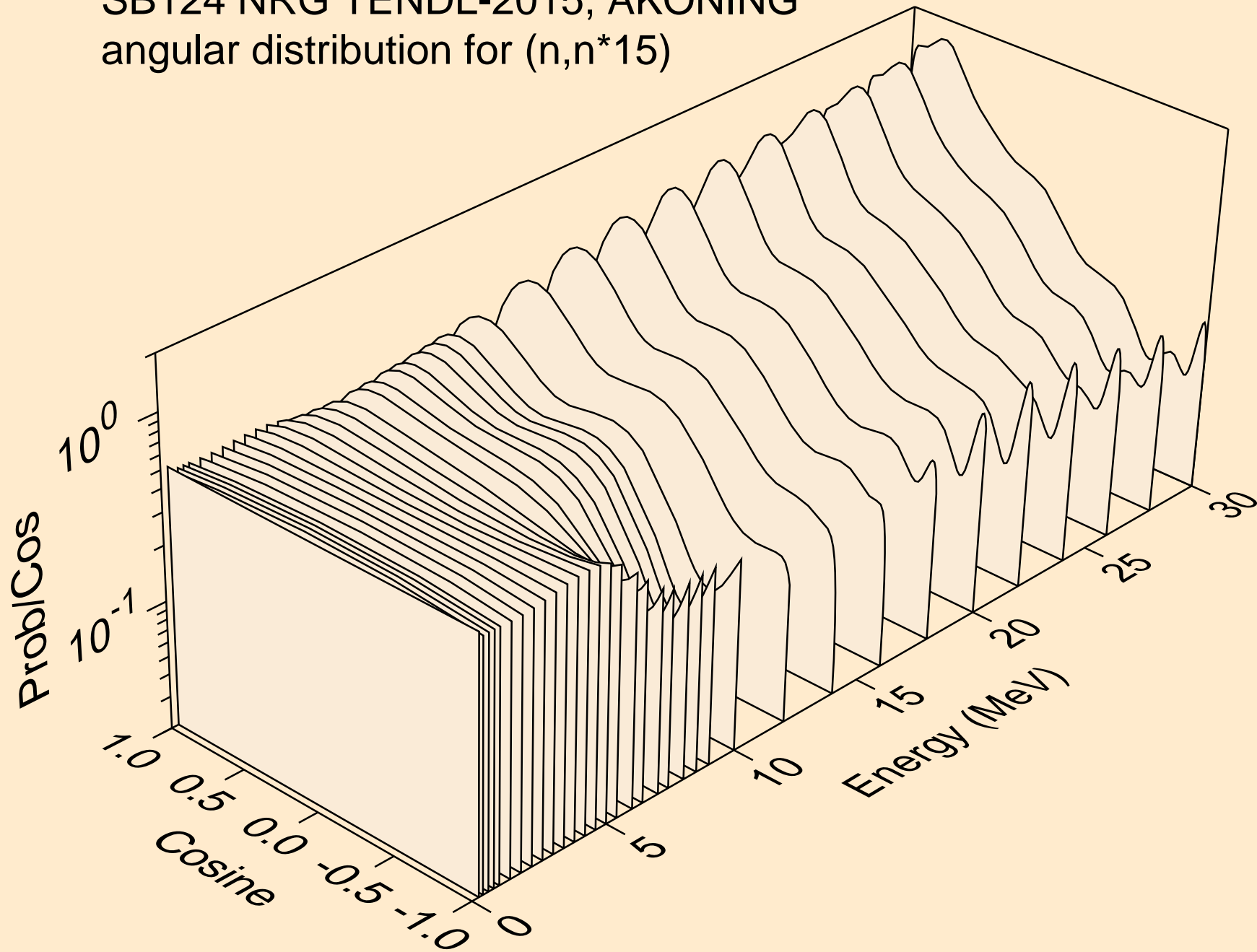
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

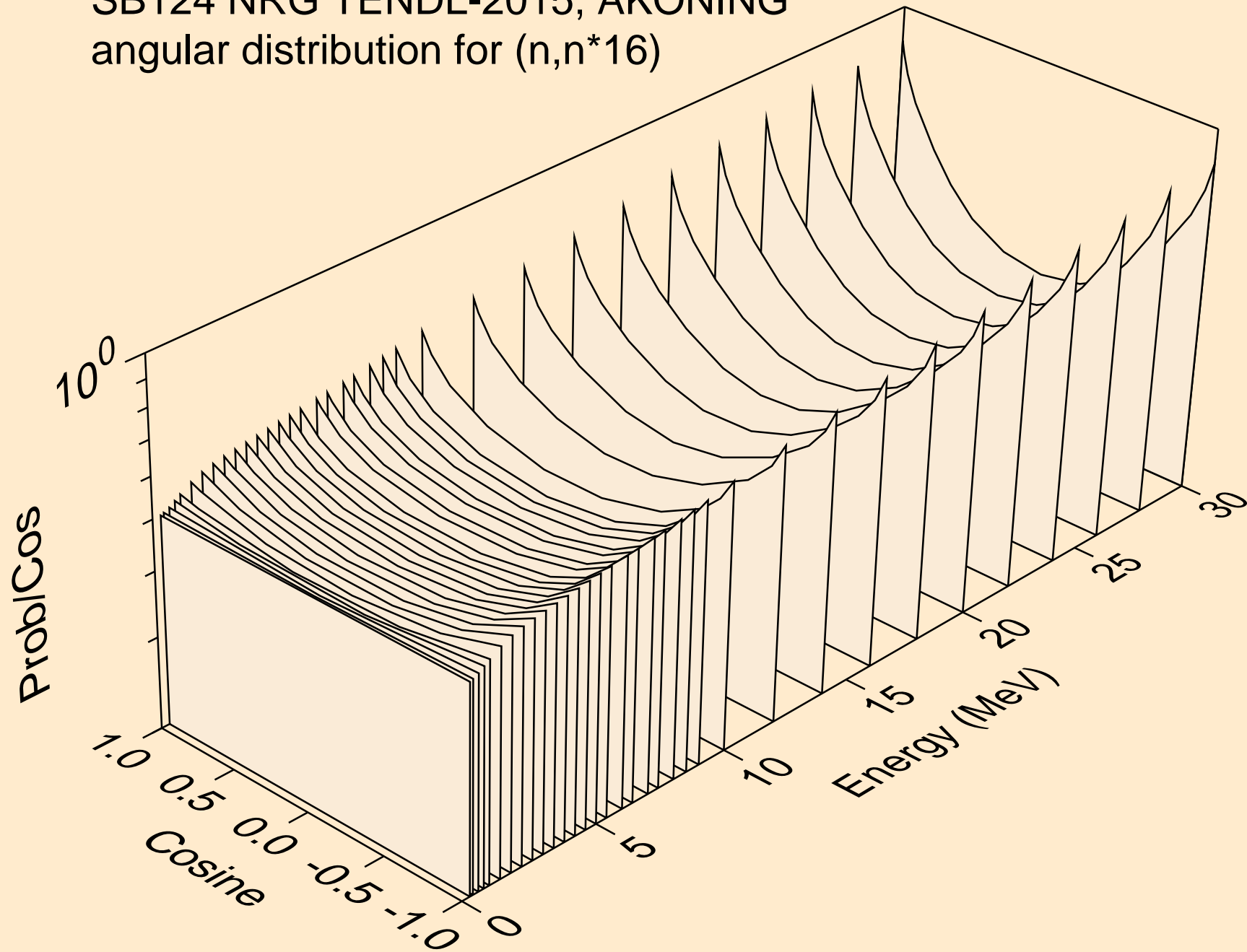


SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

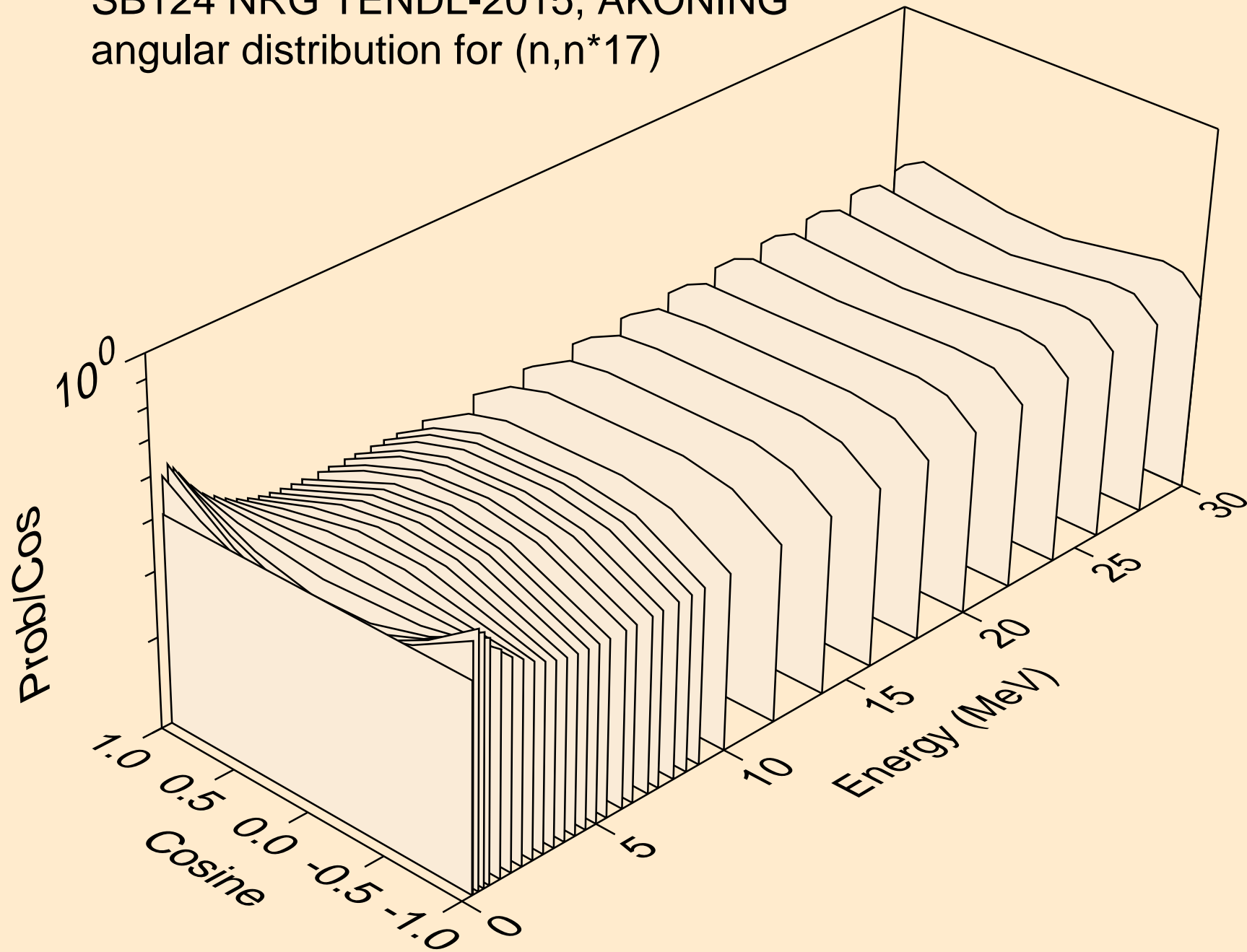




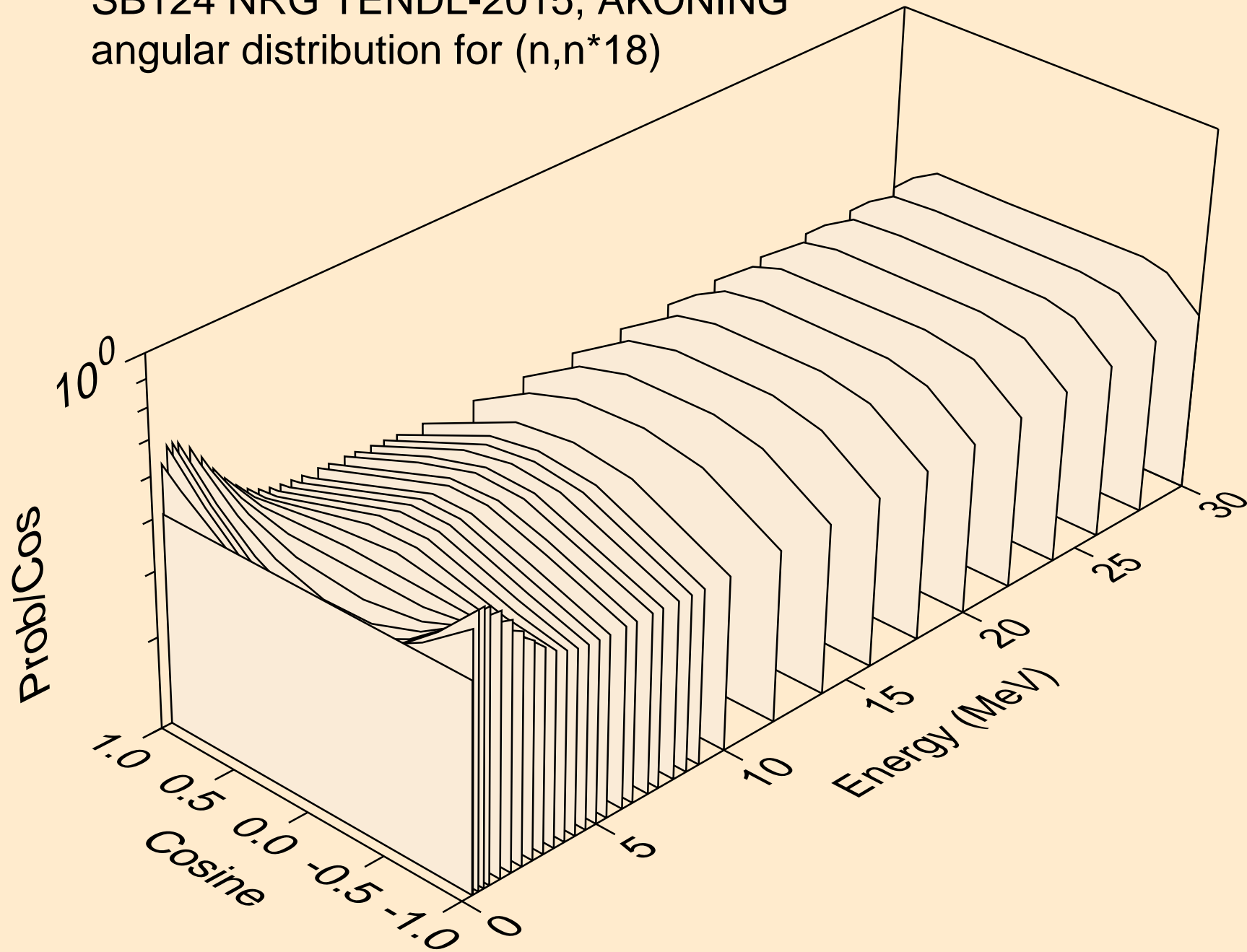
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



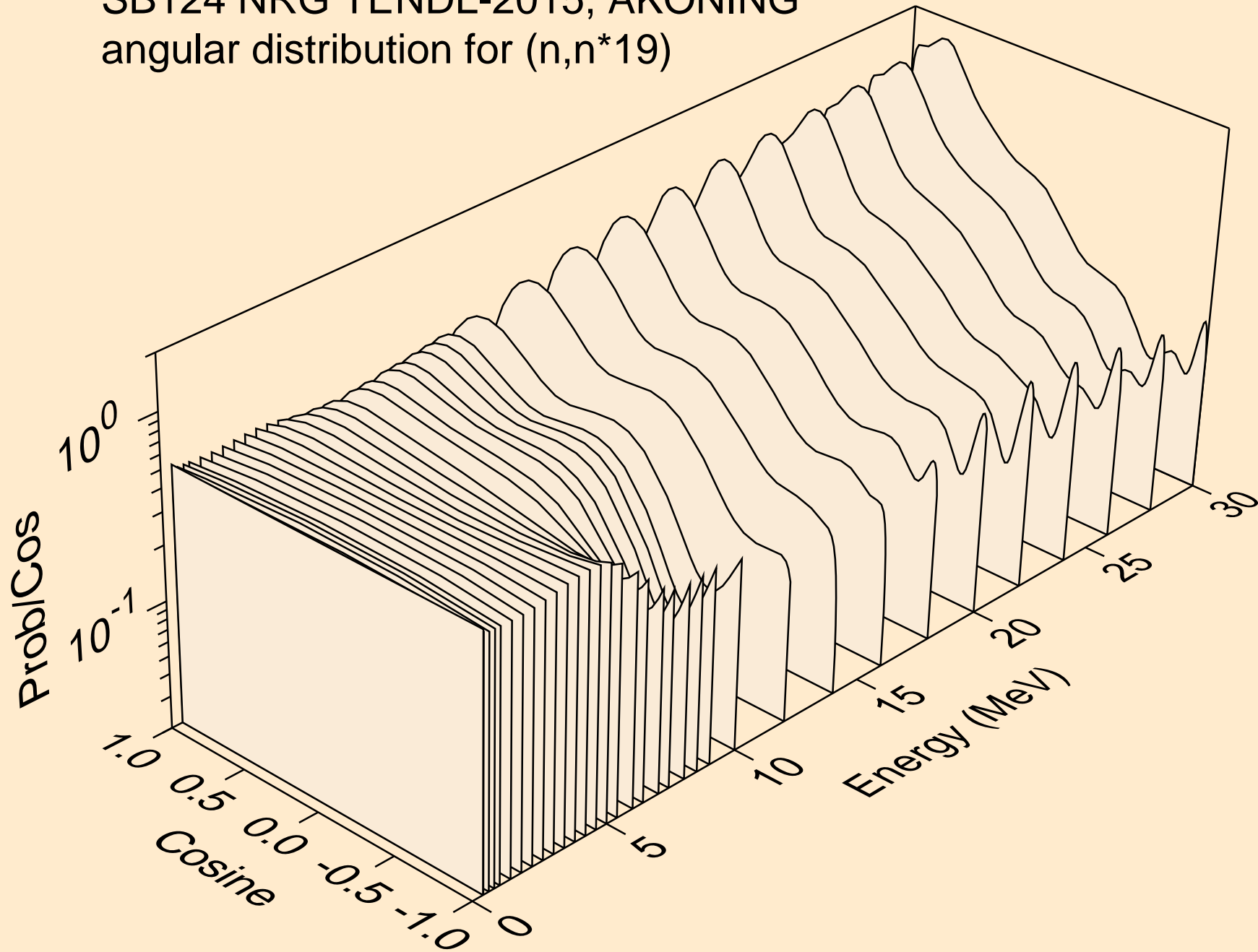
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



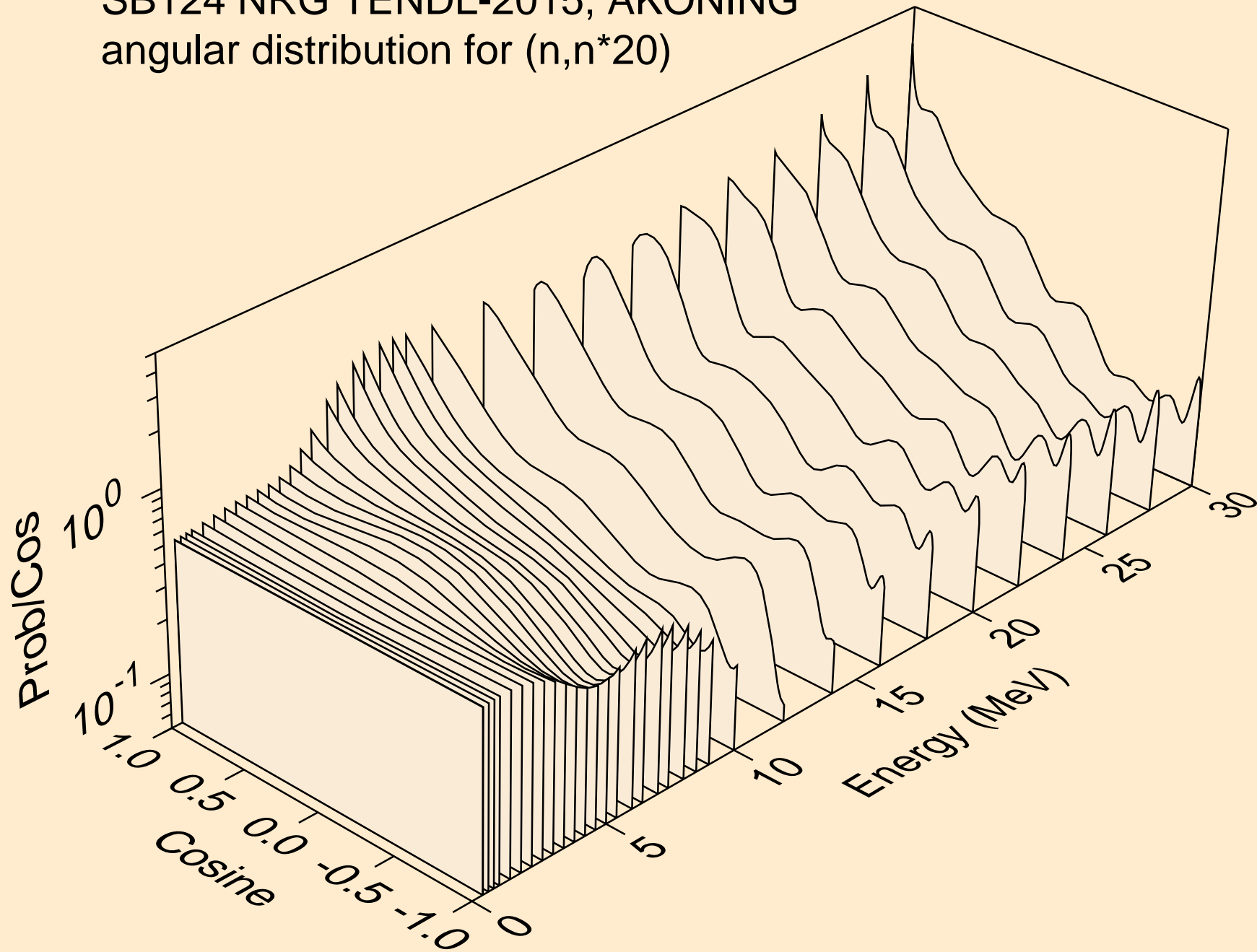
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



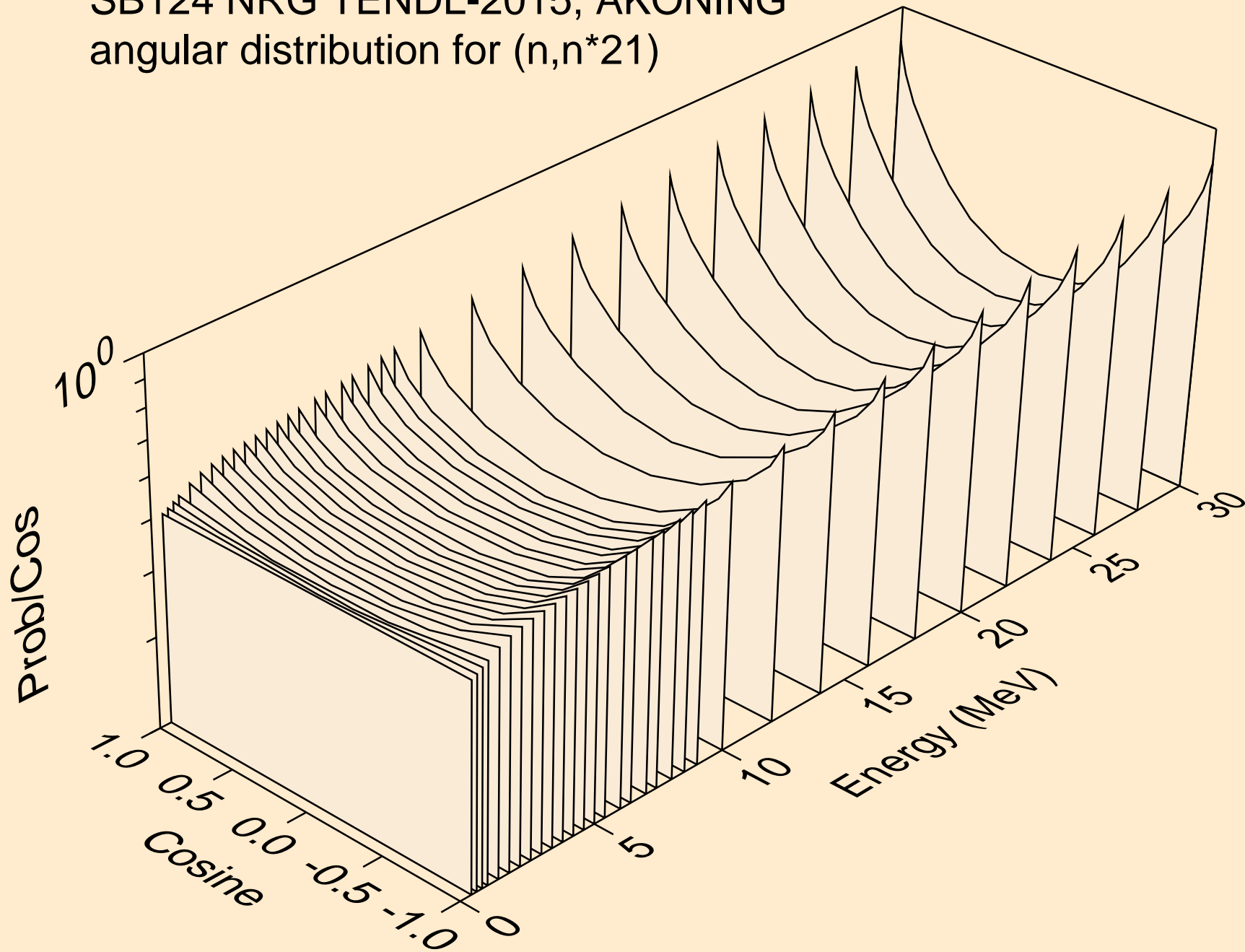
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



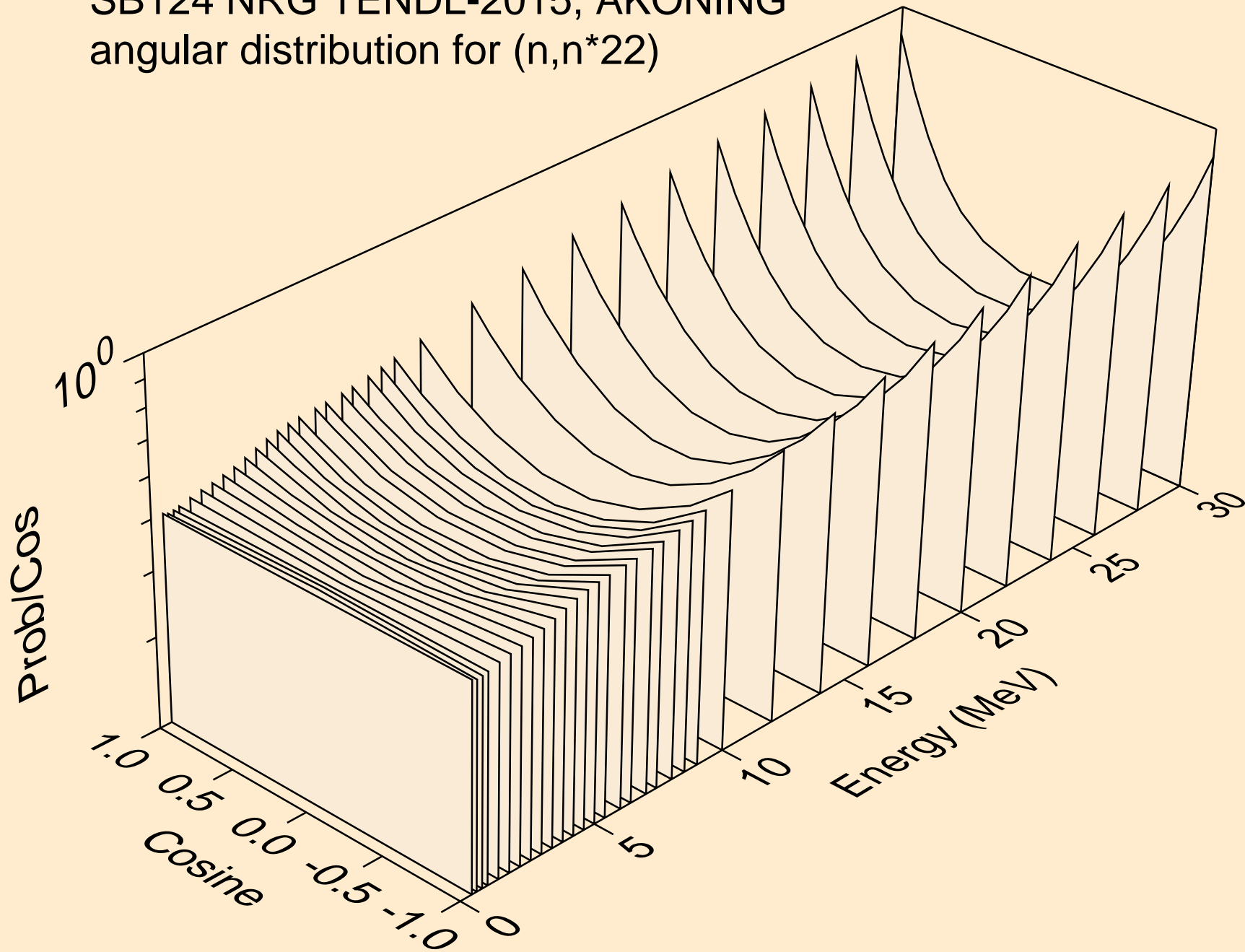
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



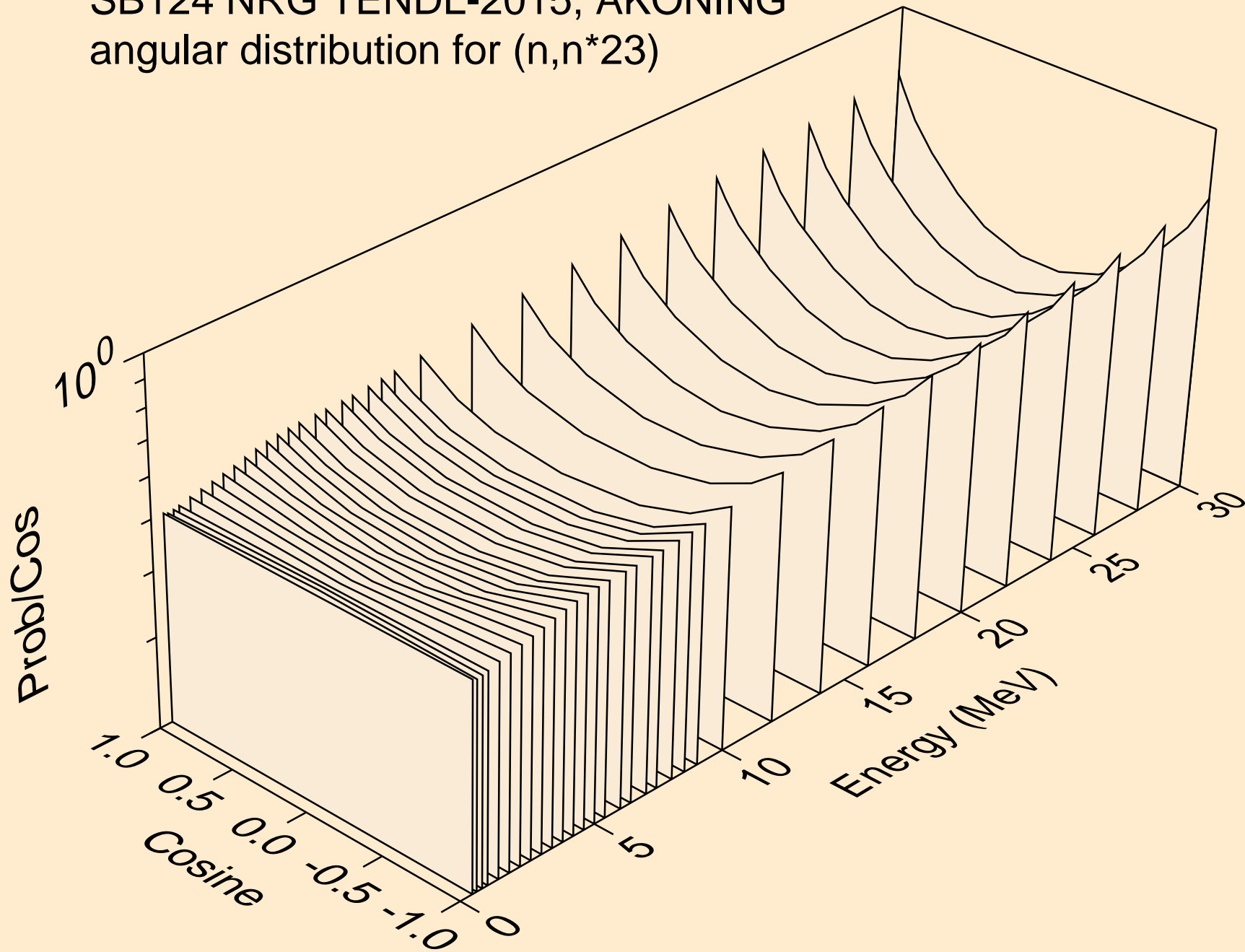
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

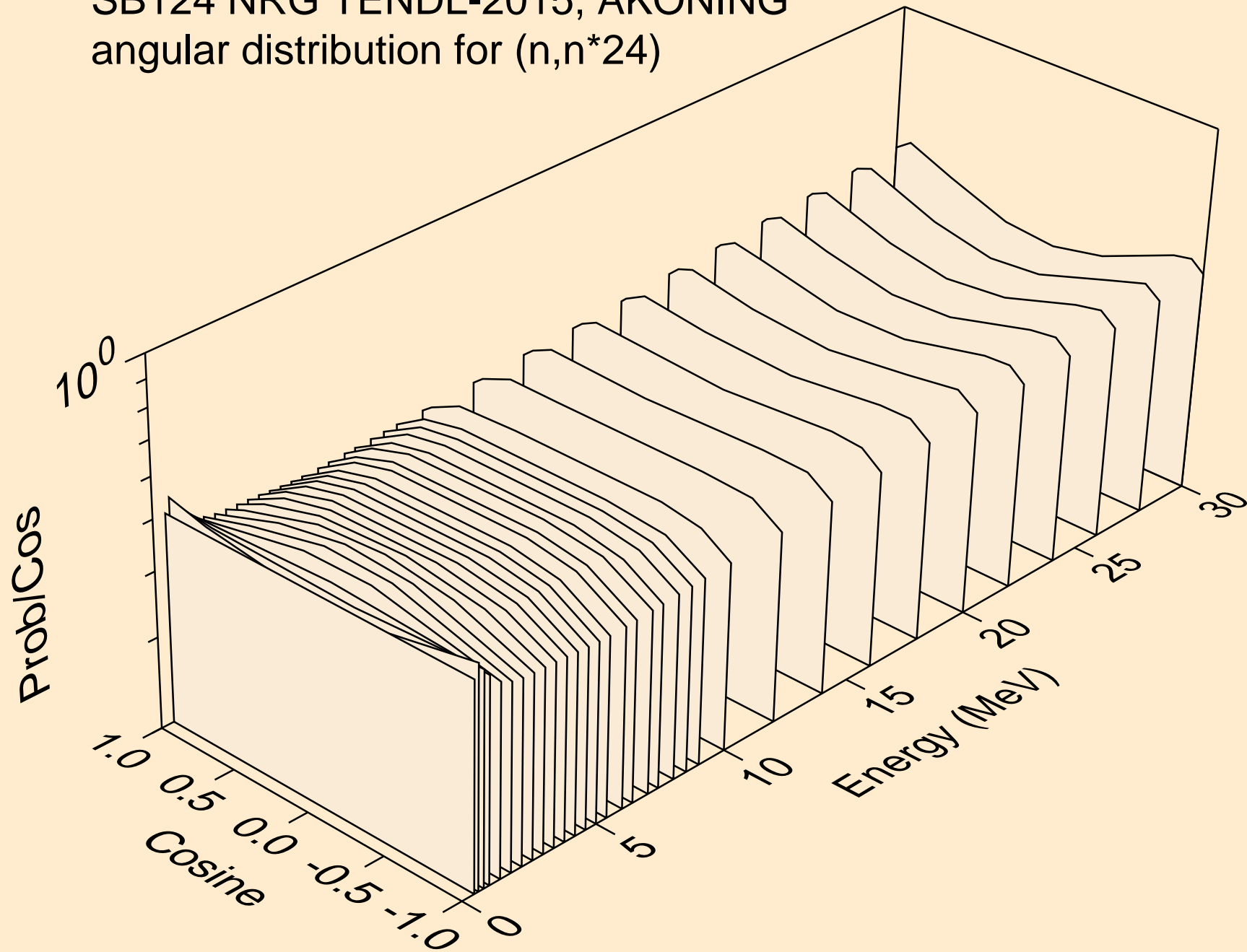


SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

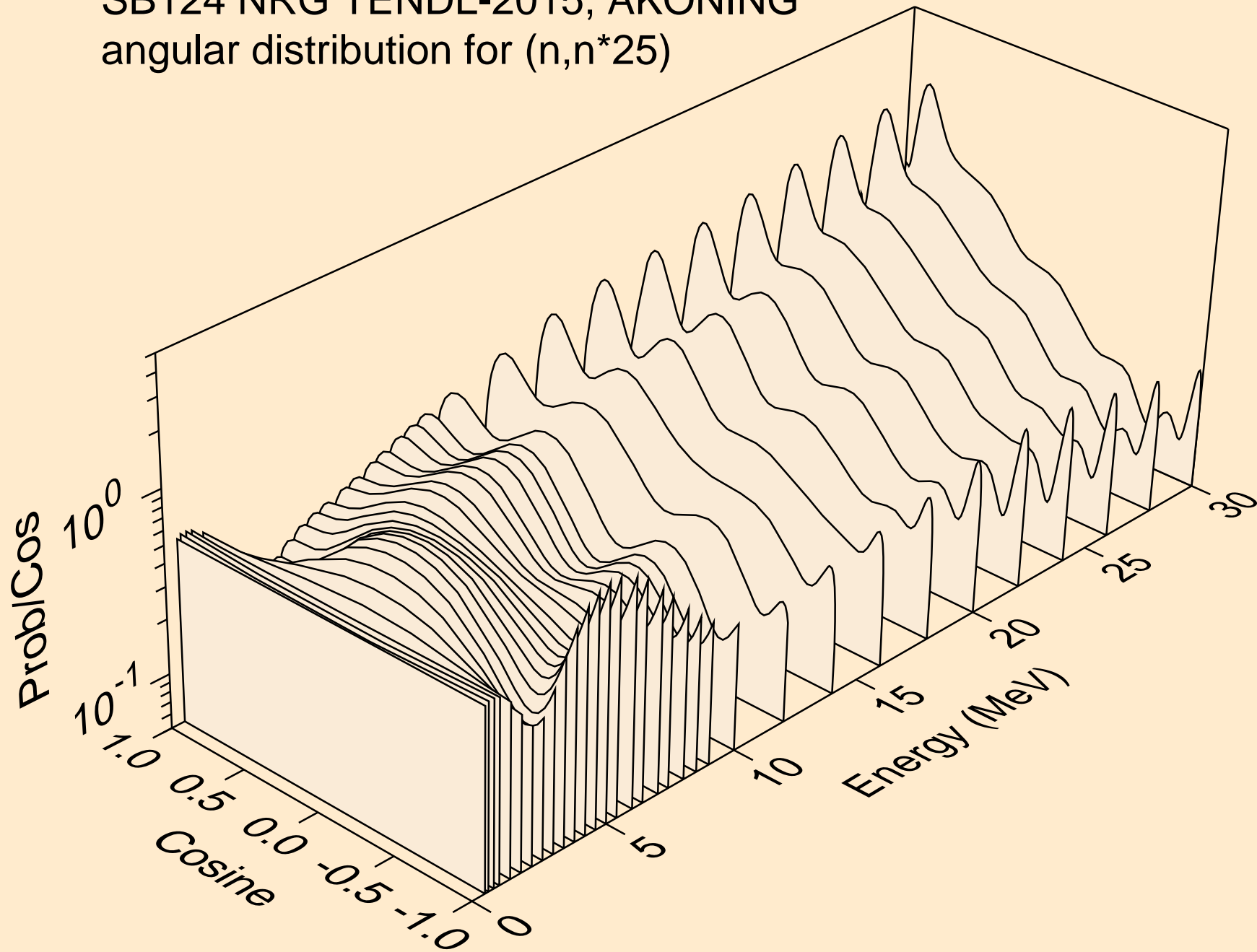




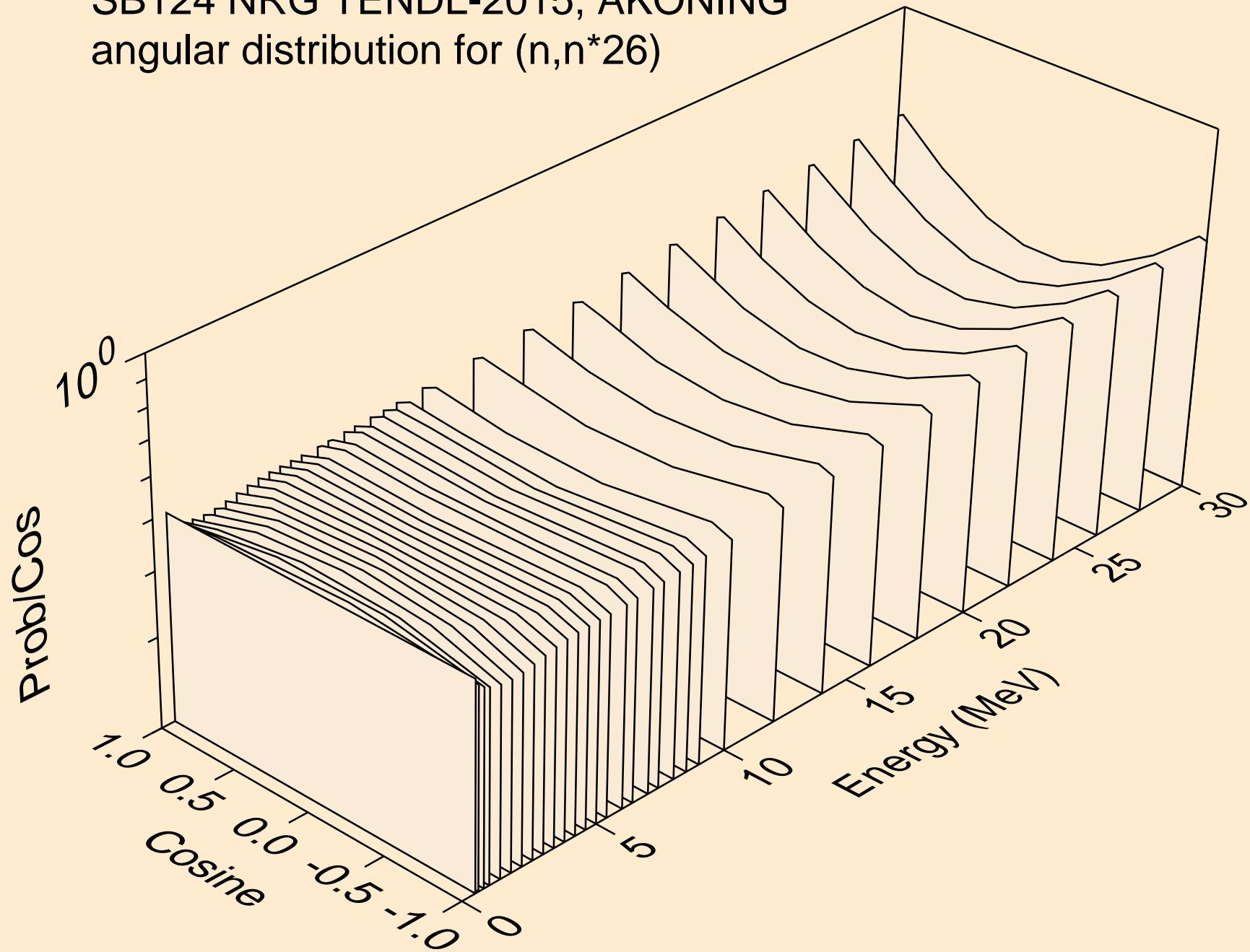
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



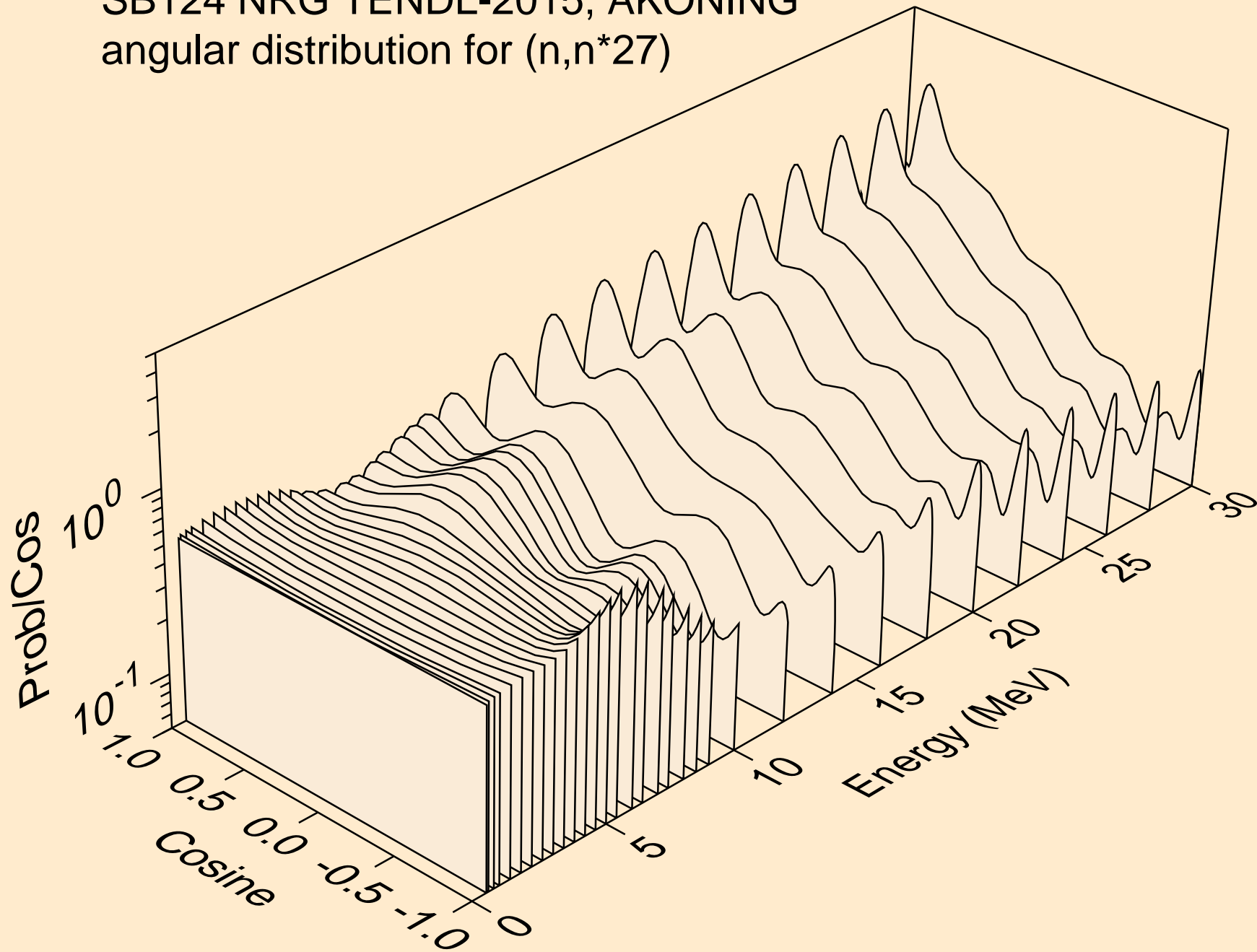
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



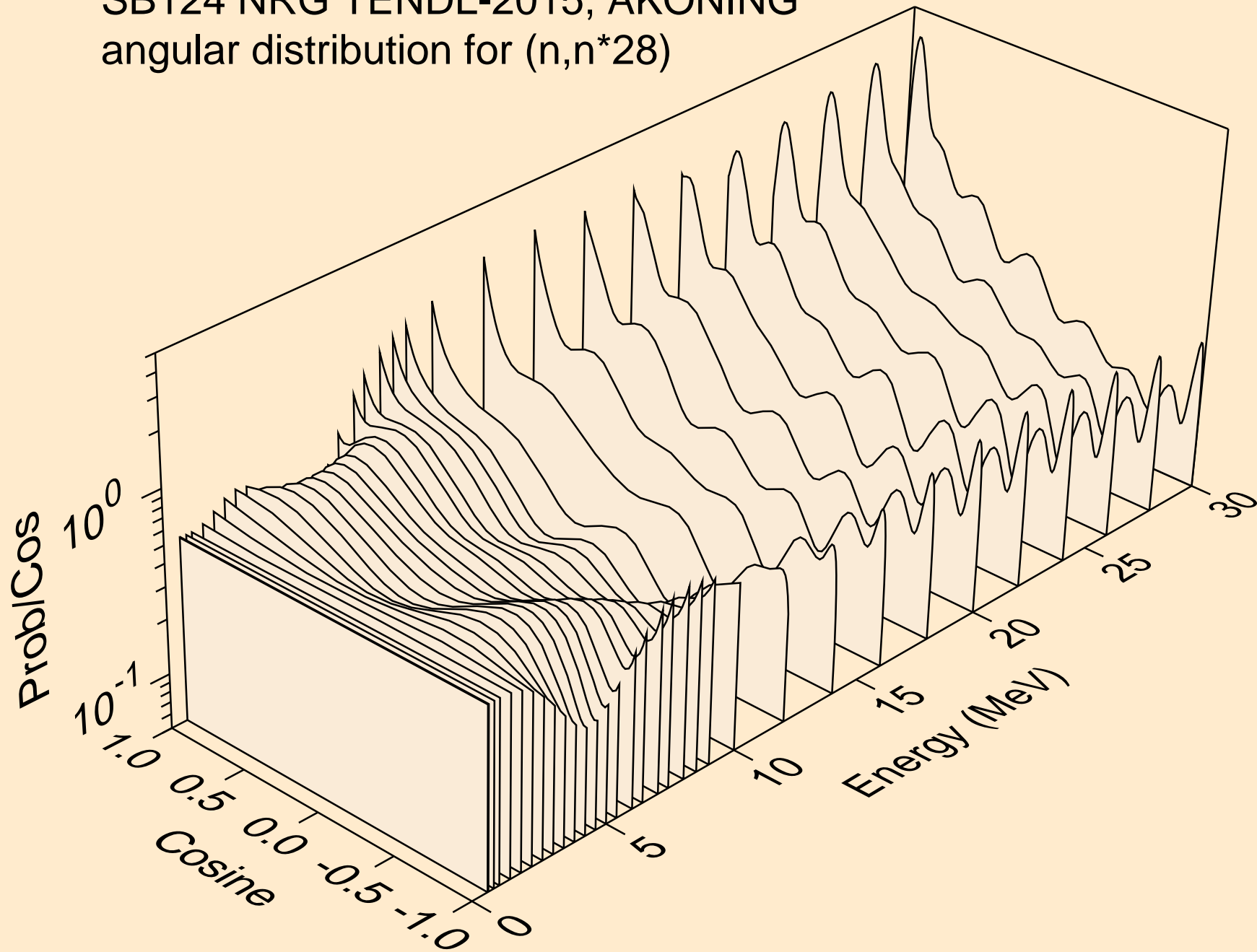
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



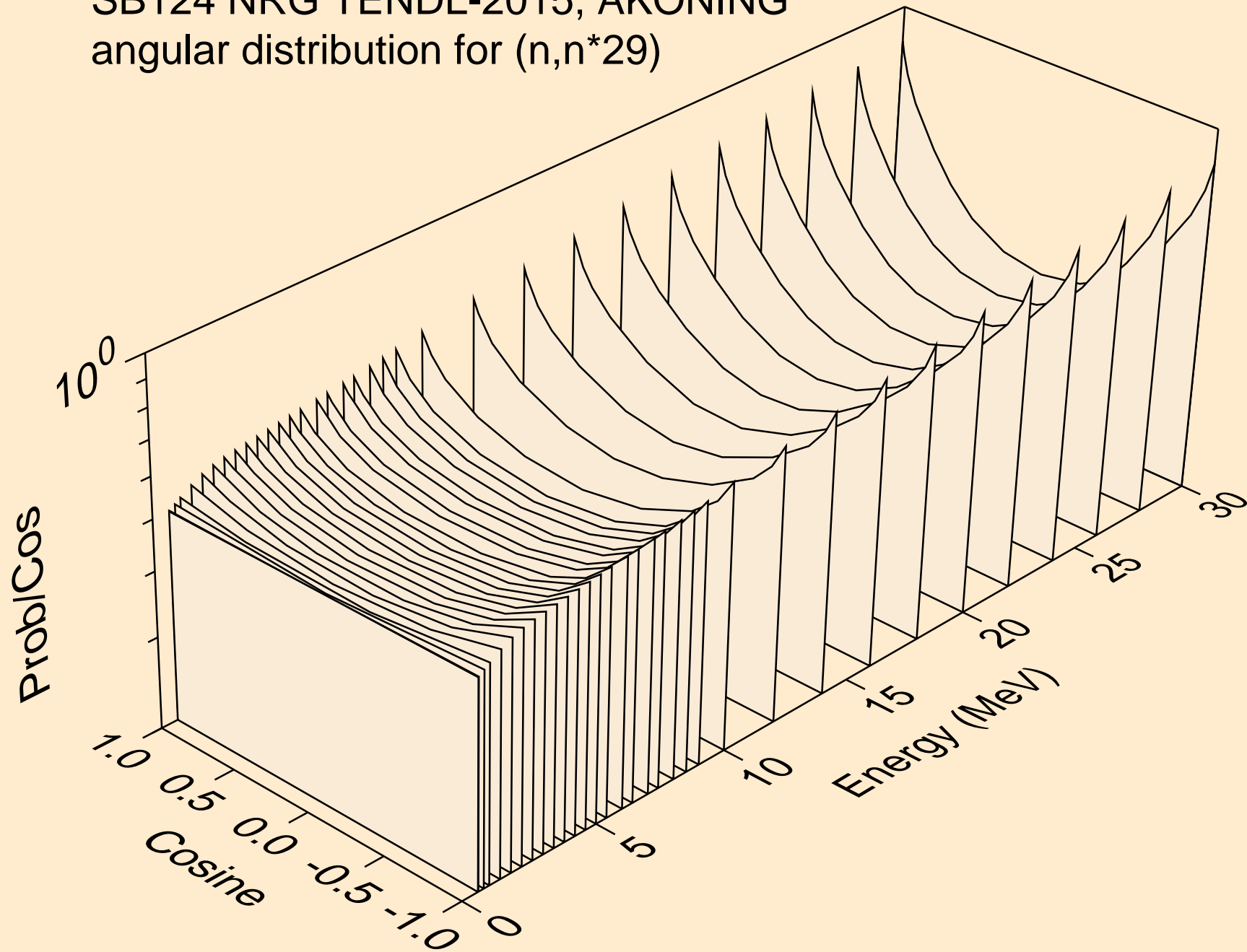
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



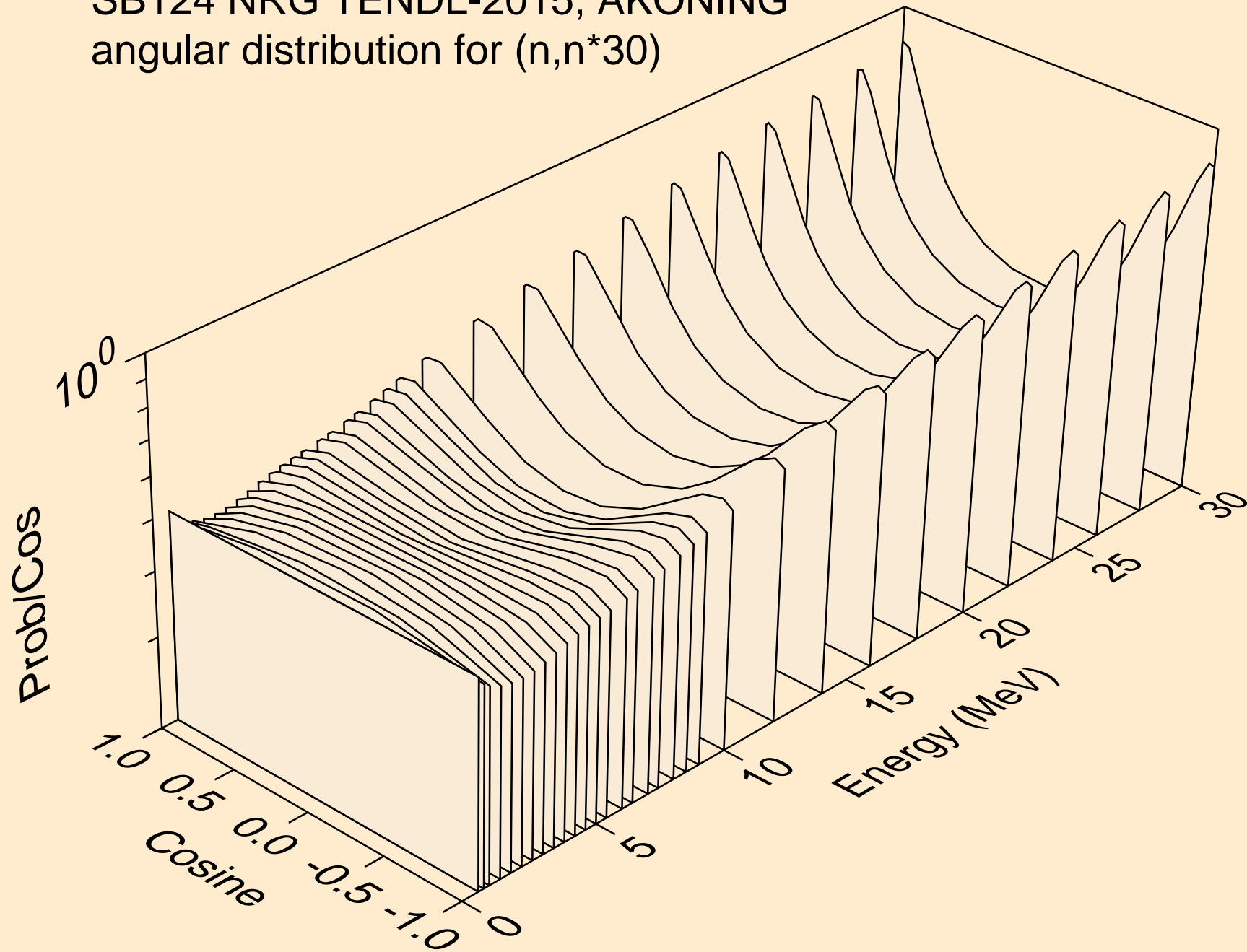
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



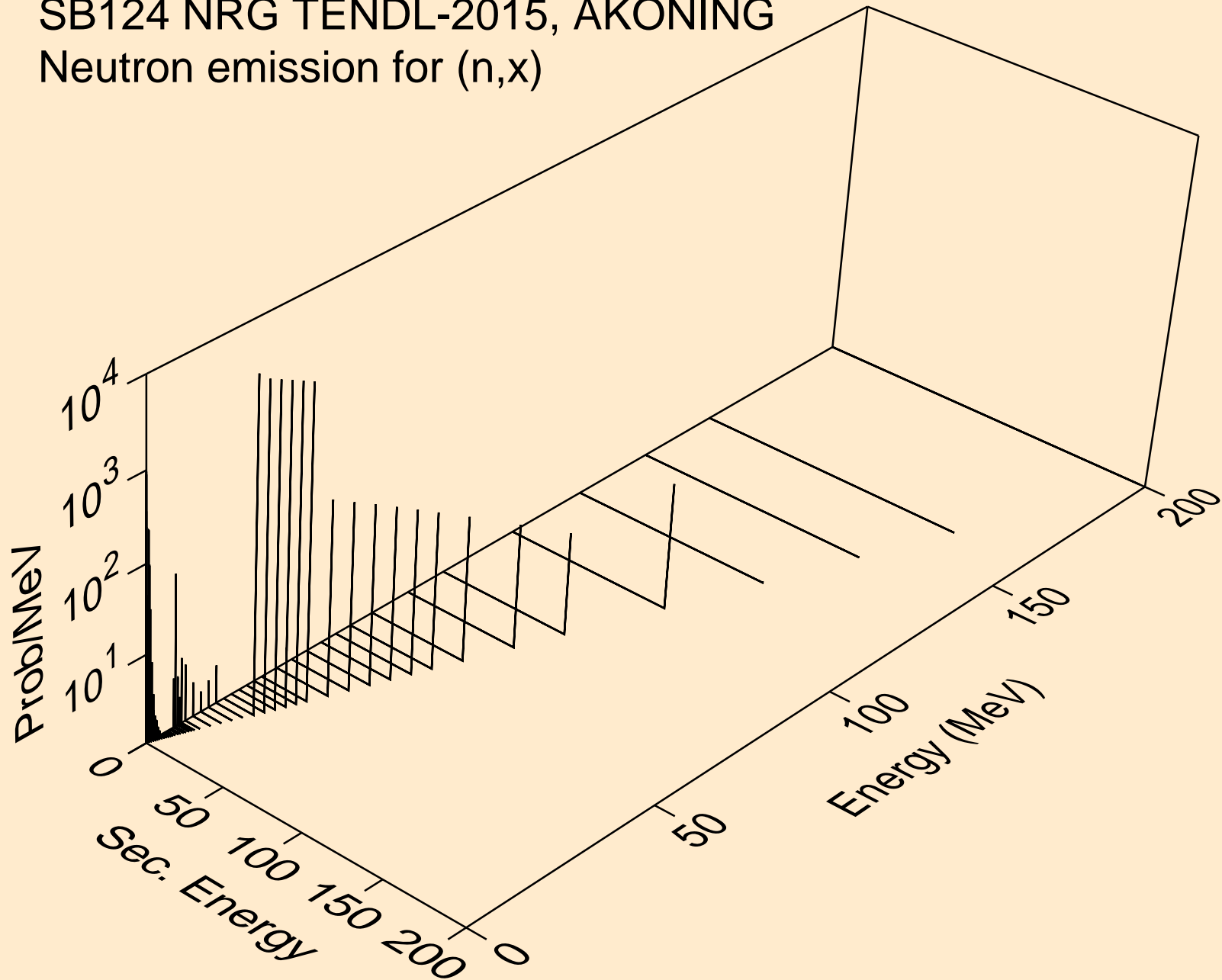
SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



SB124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

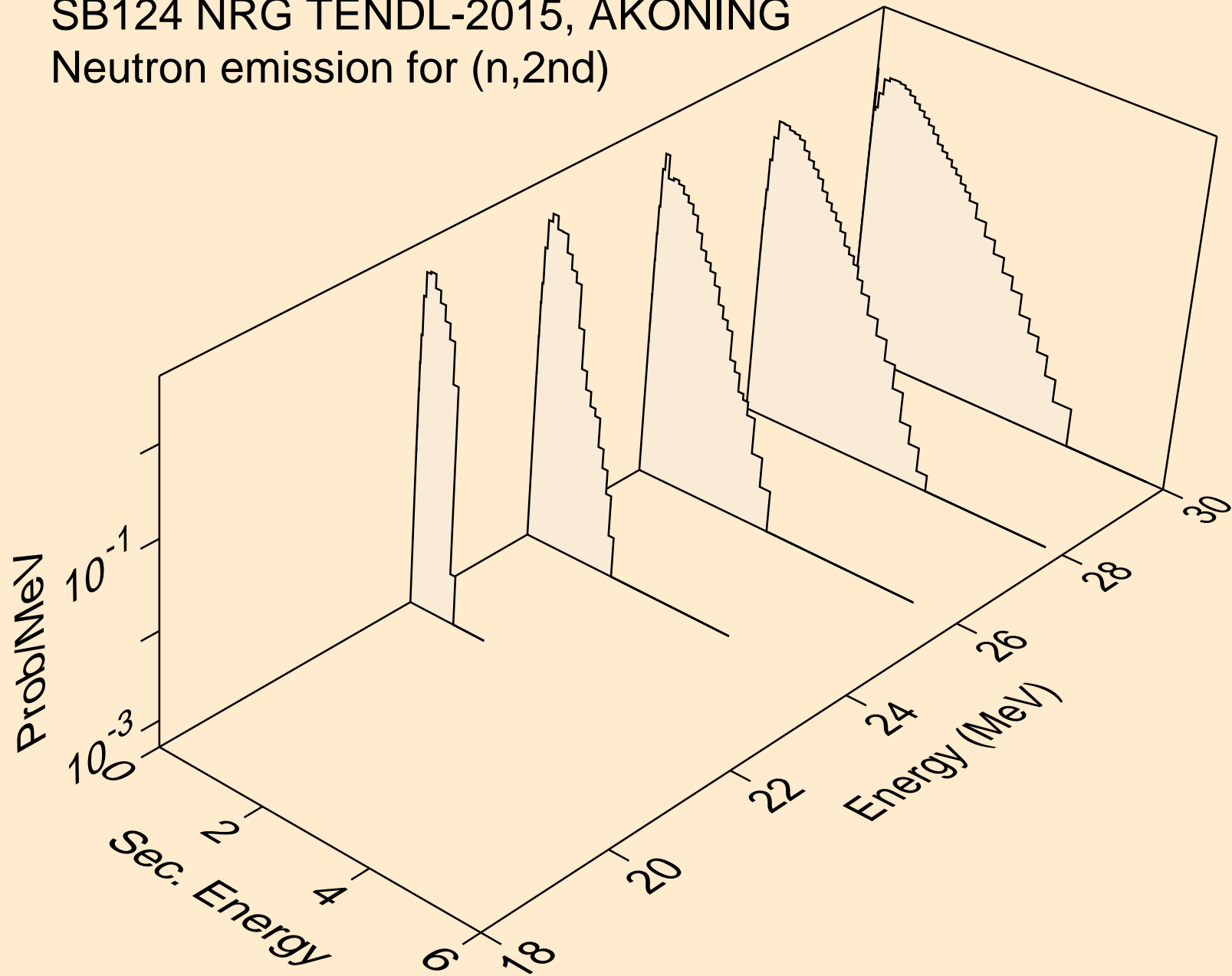


SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

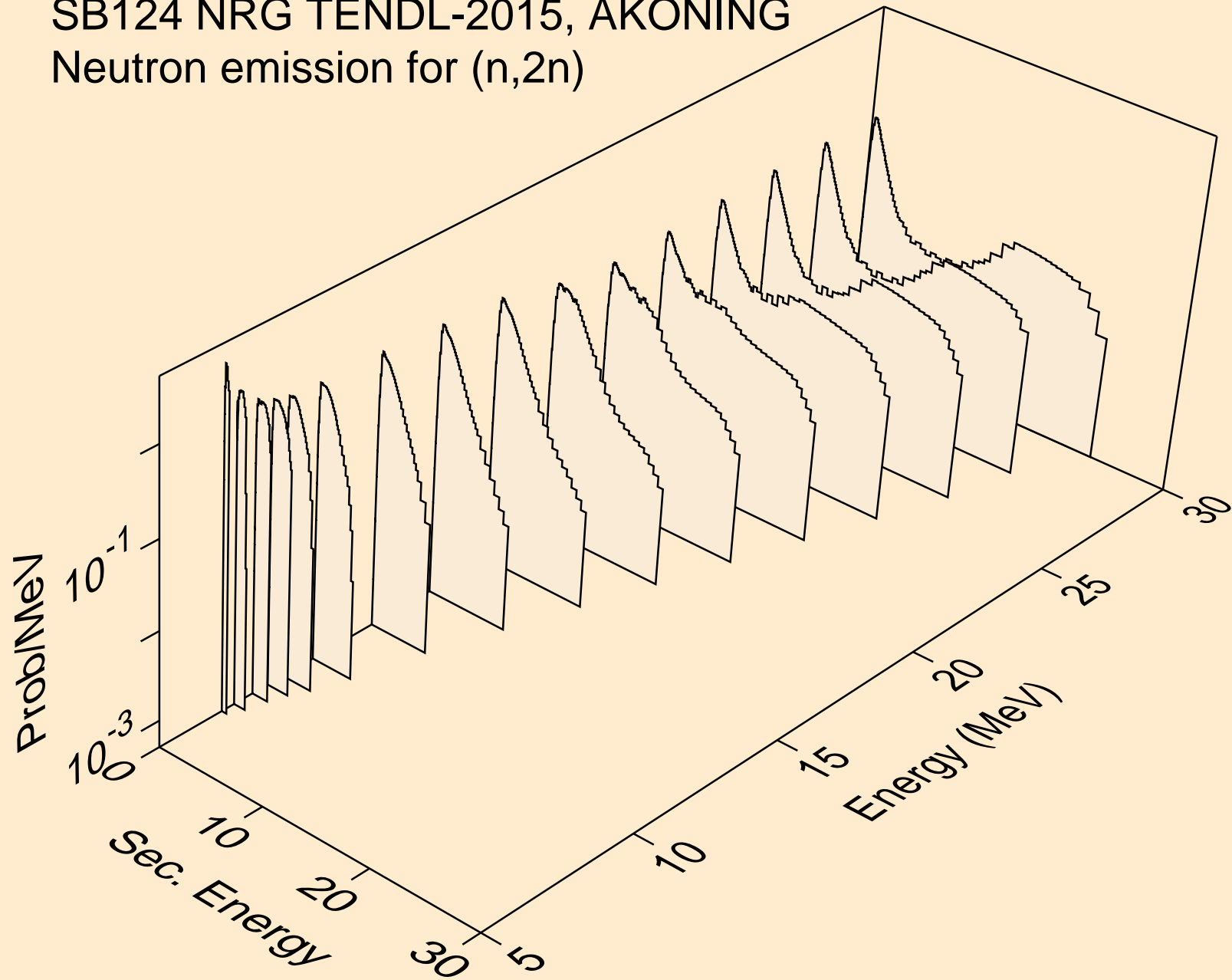




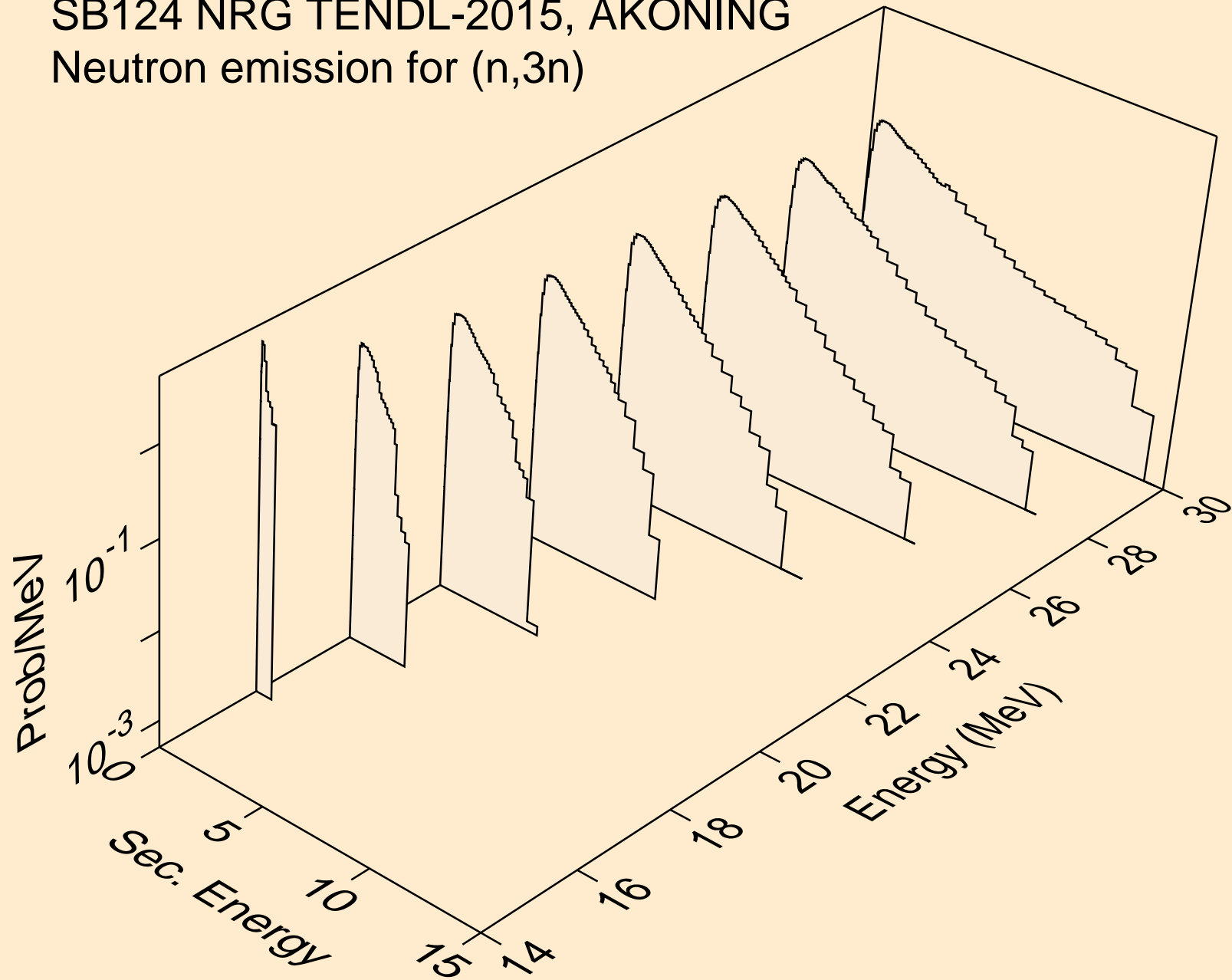
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



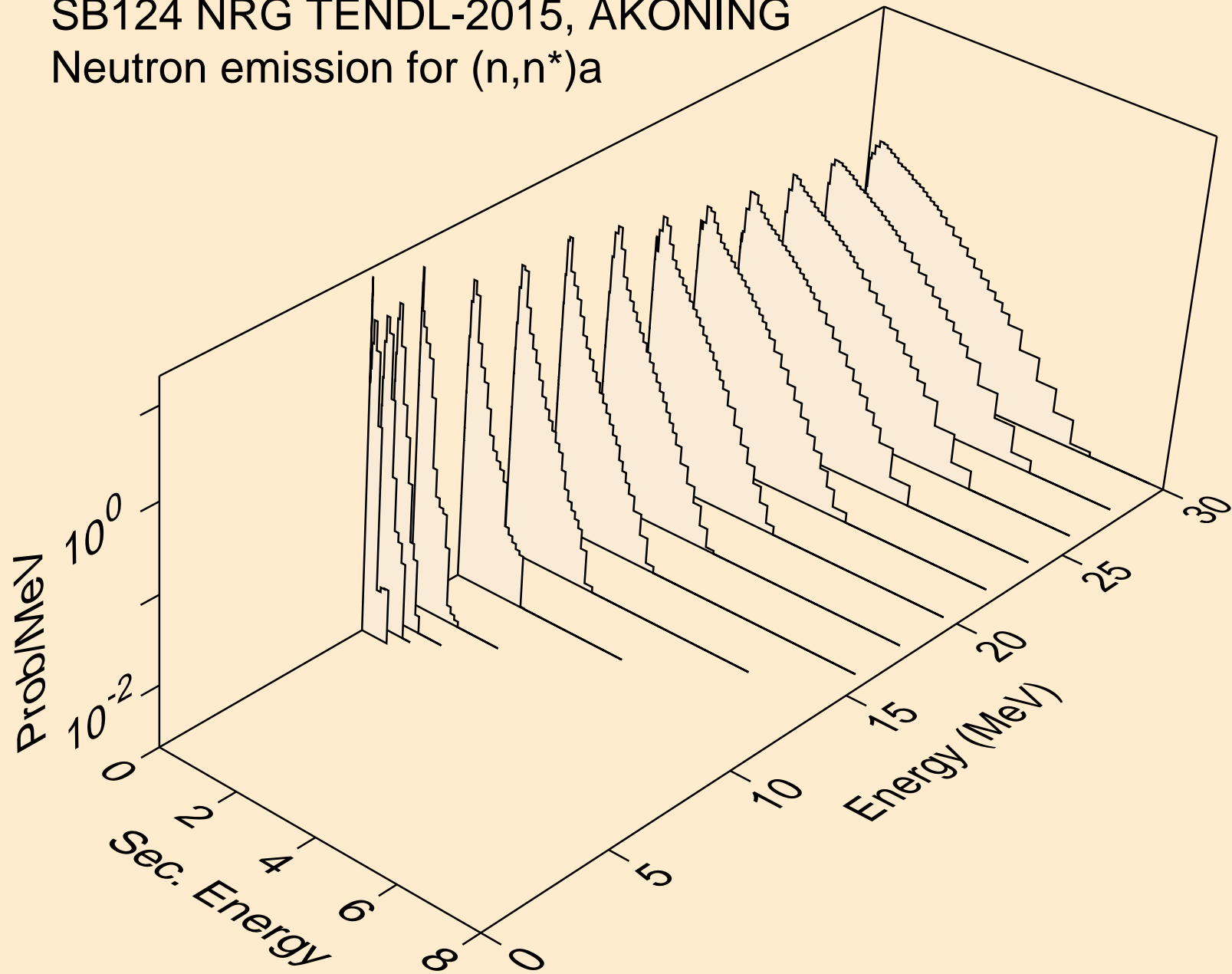
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



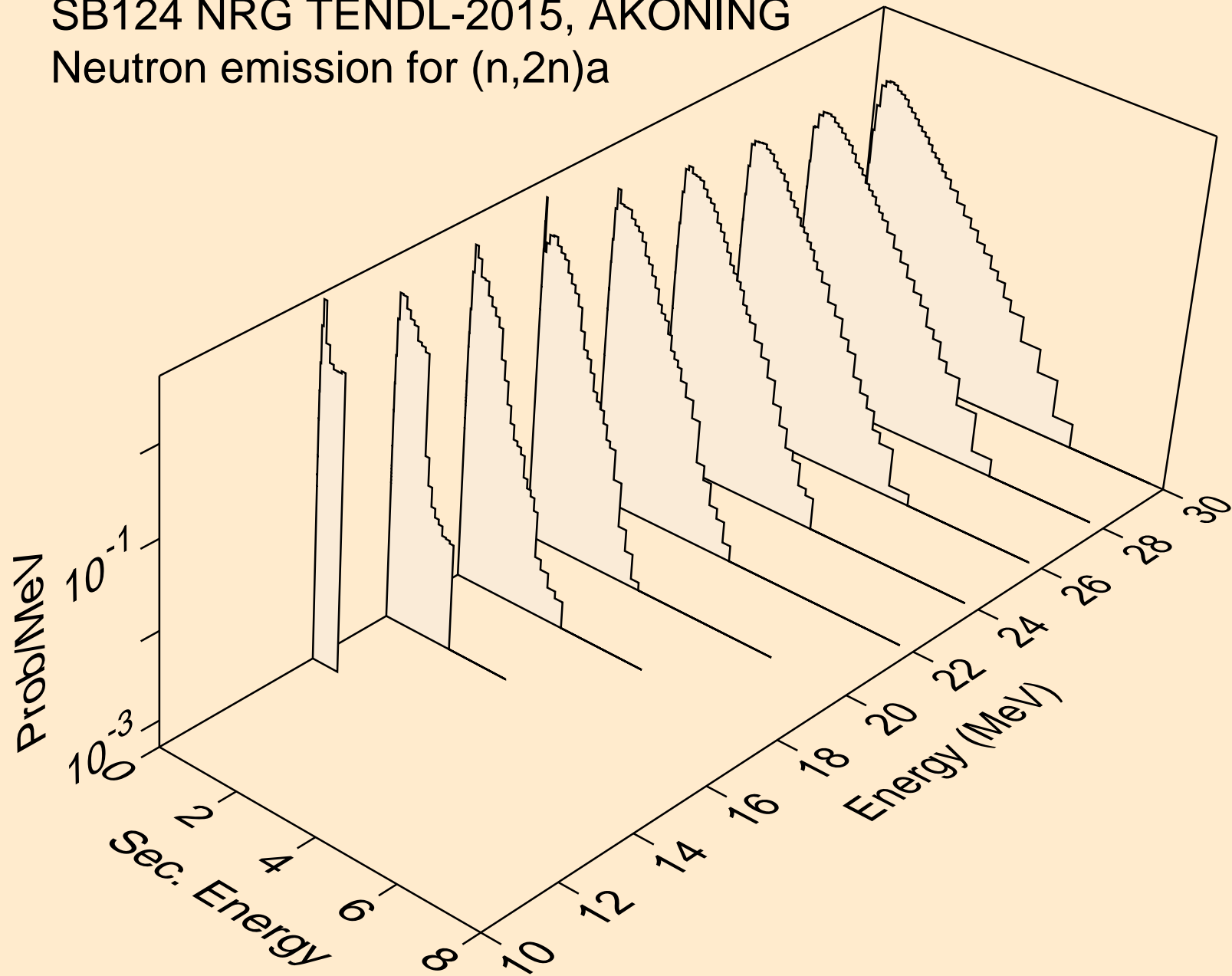
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



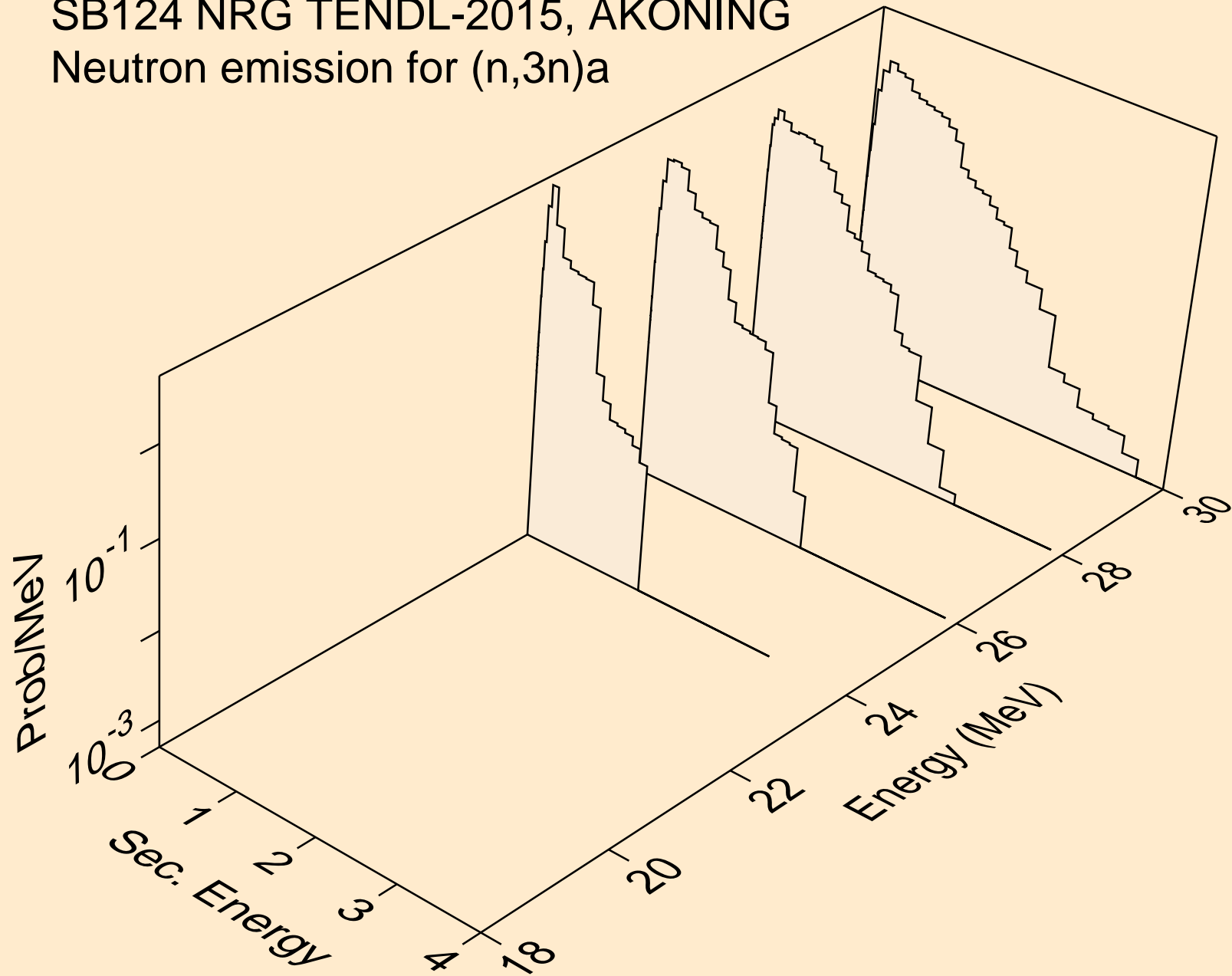
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



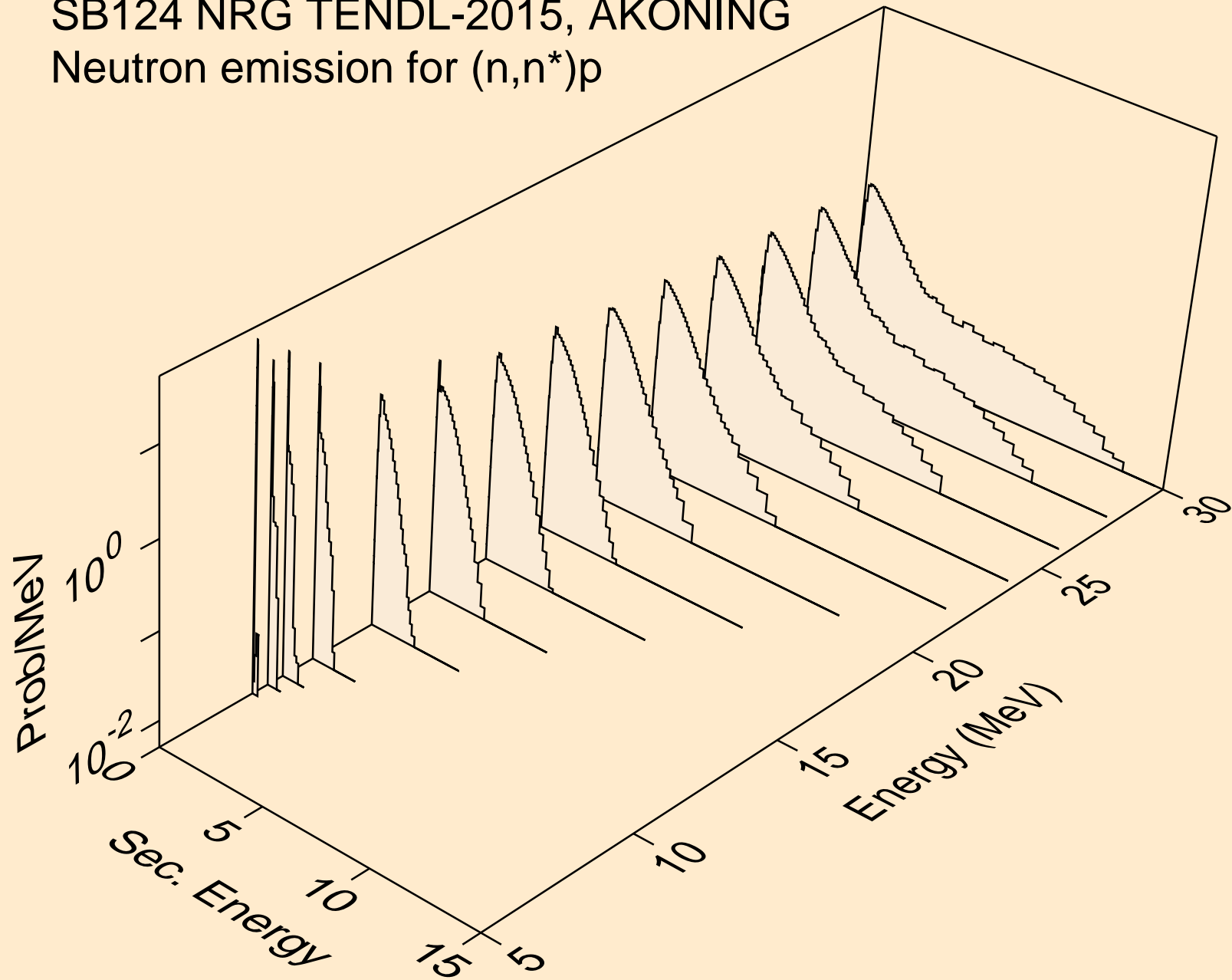
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



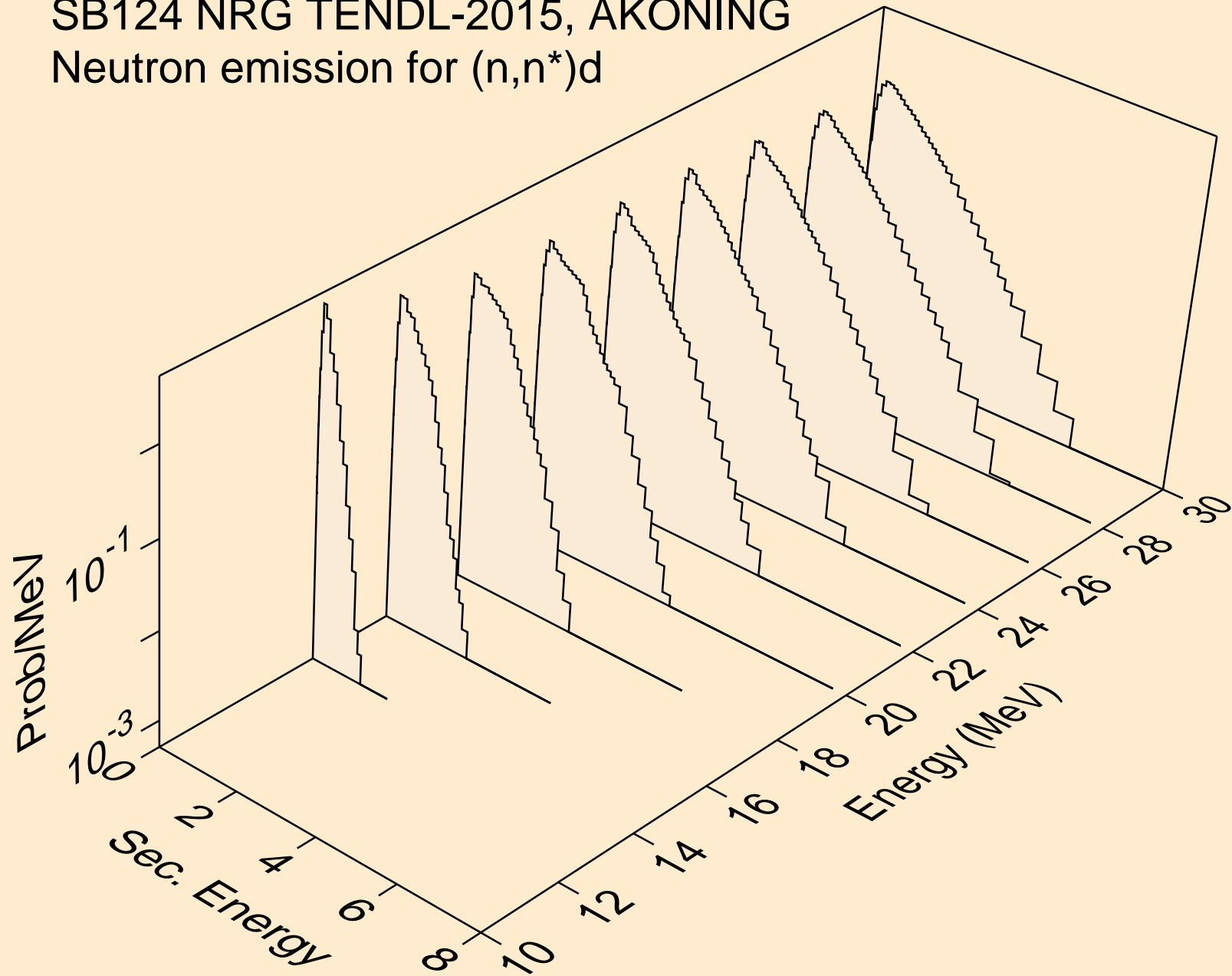
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

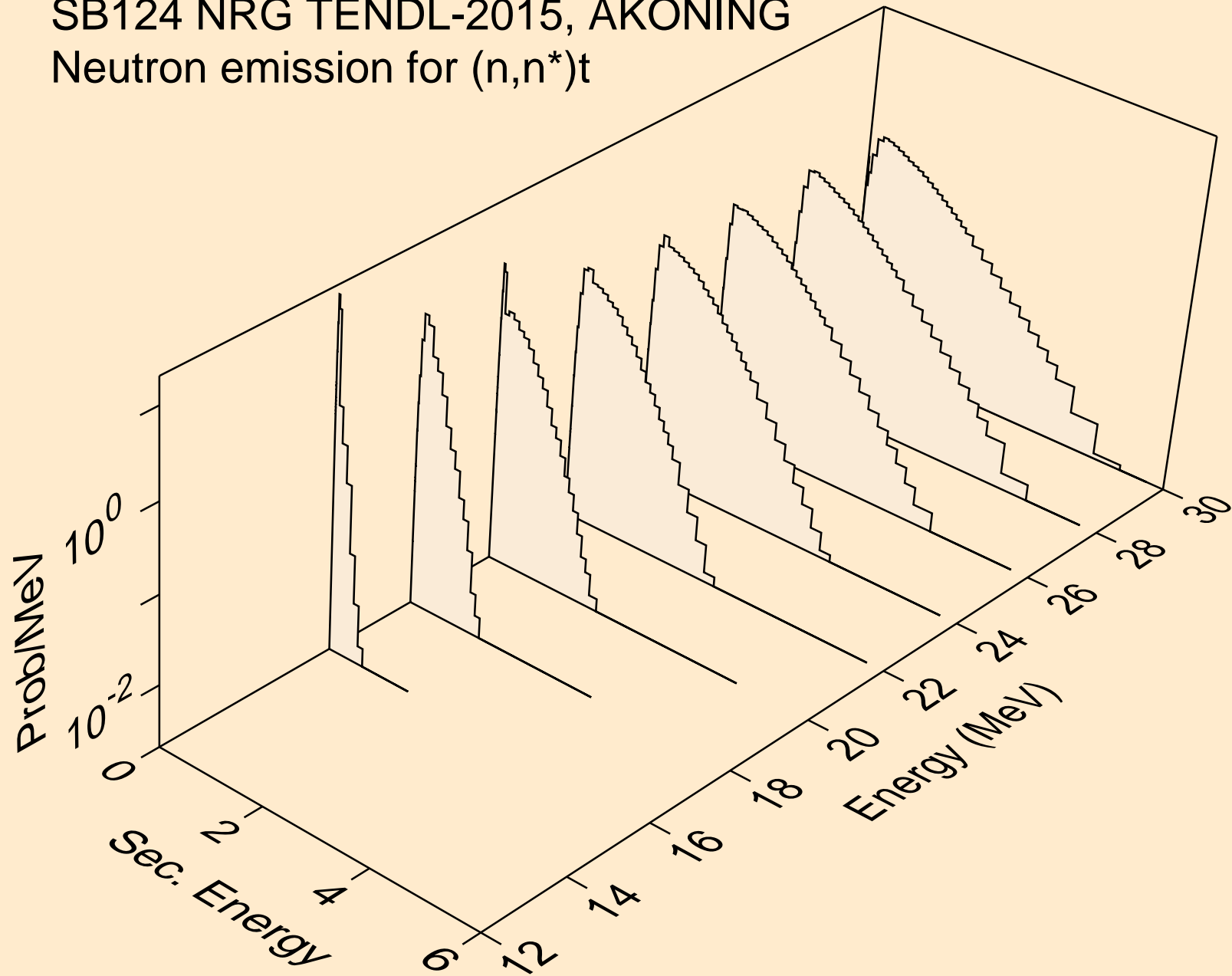


SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

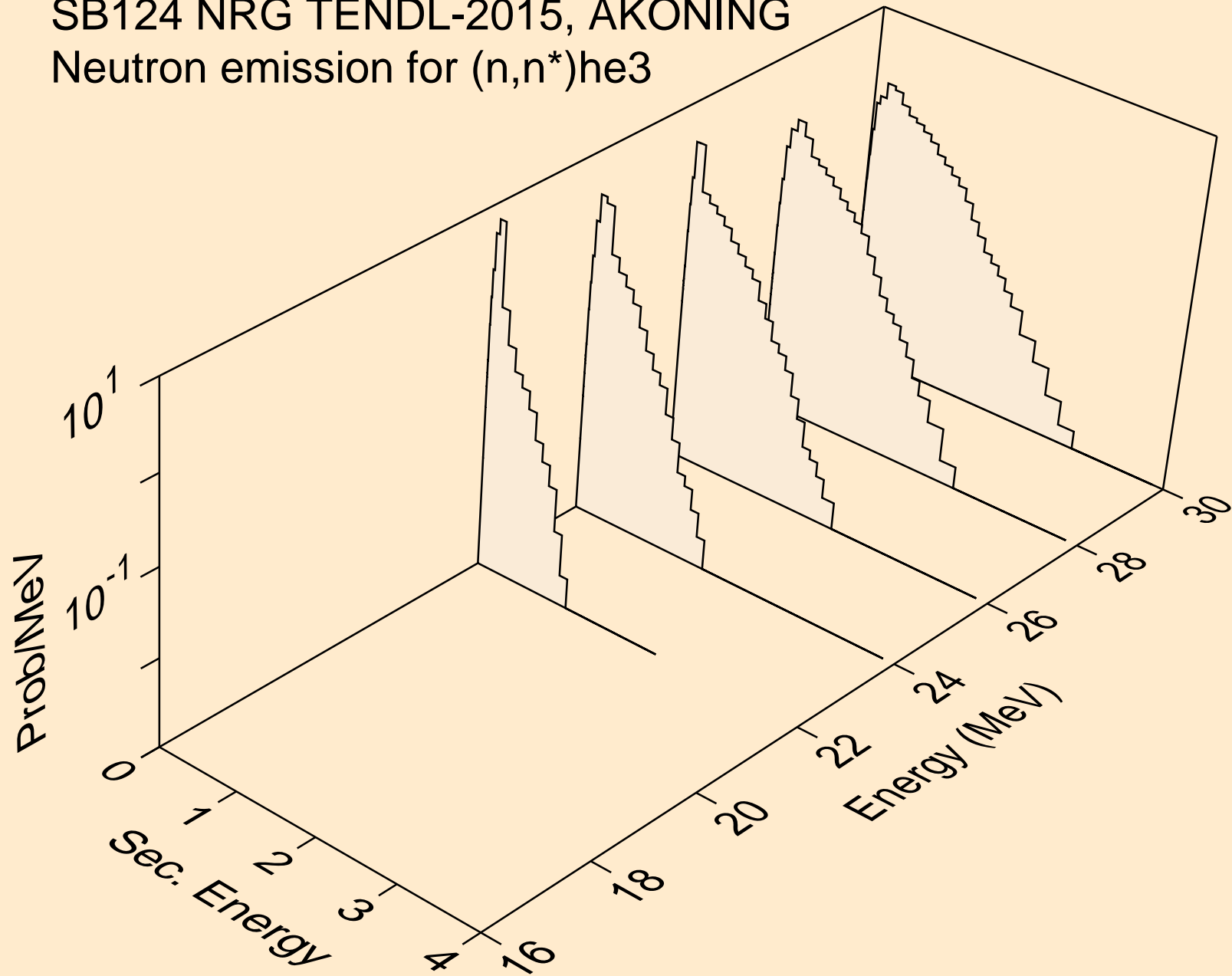




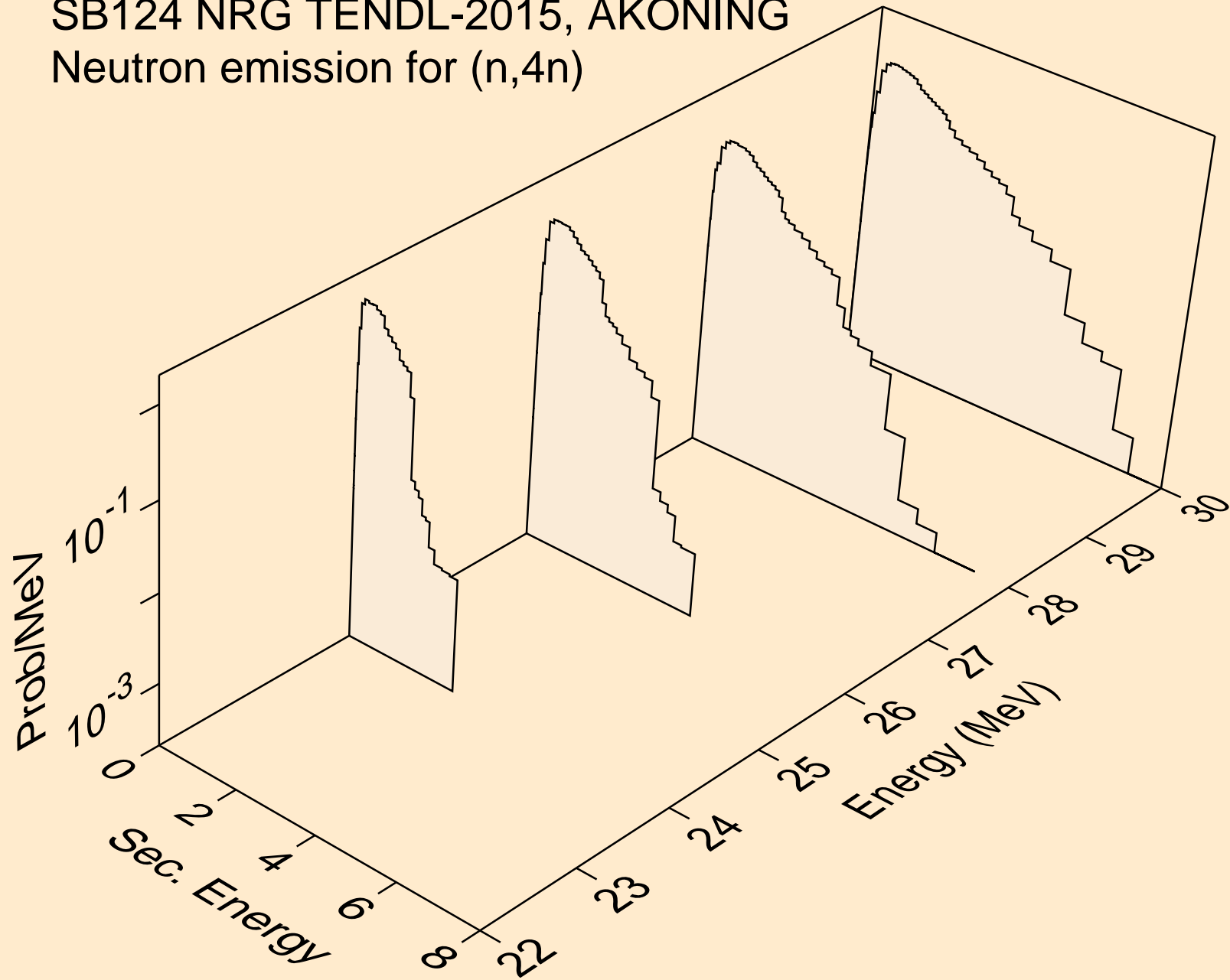
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



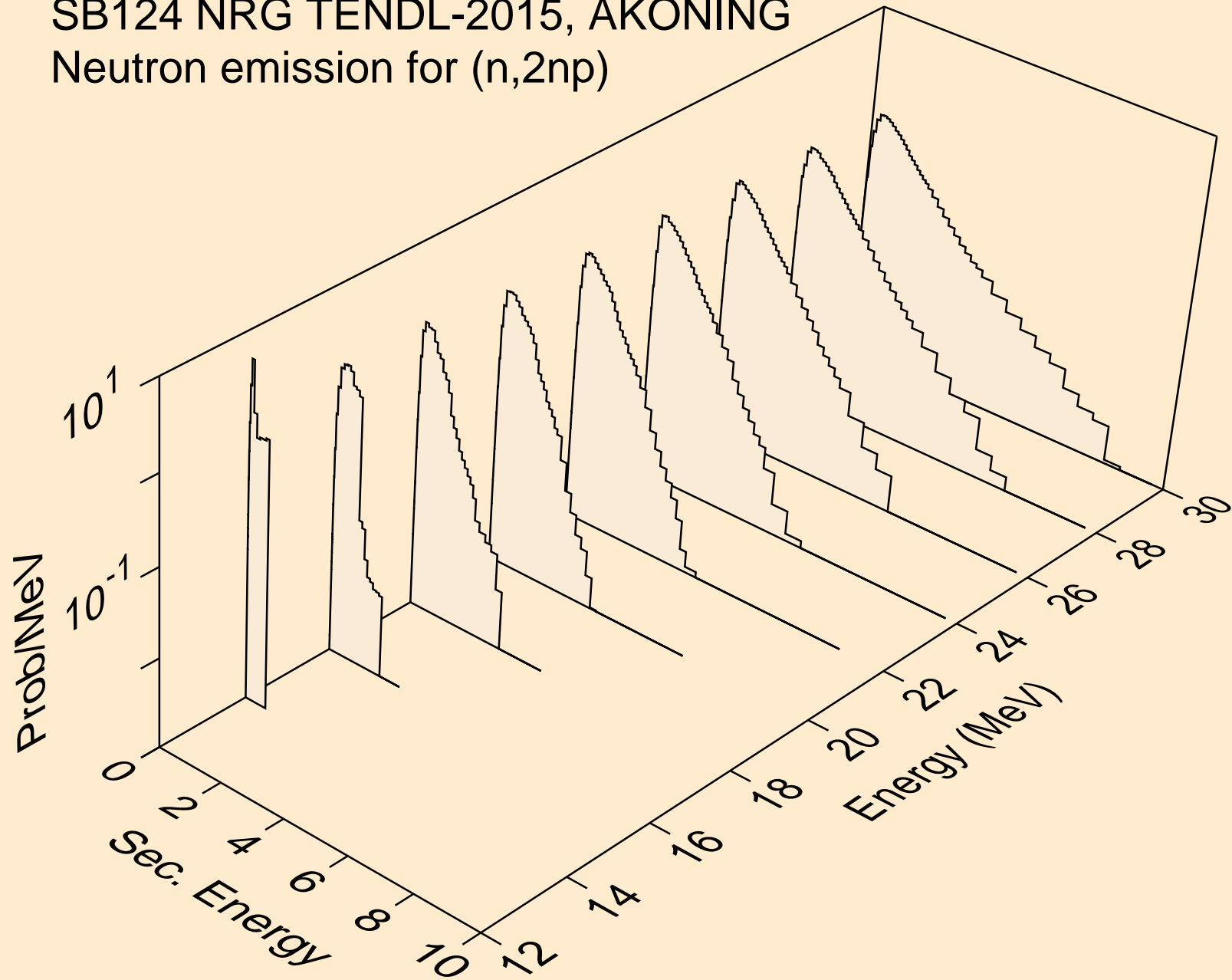
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



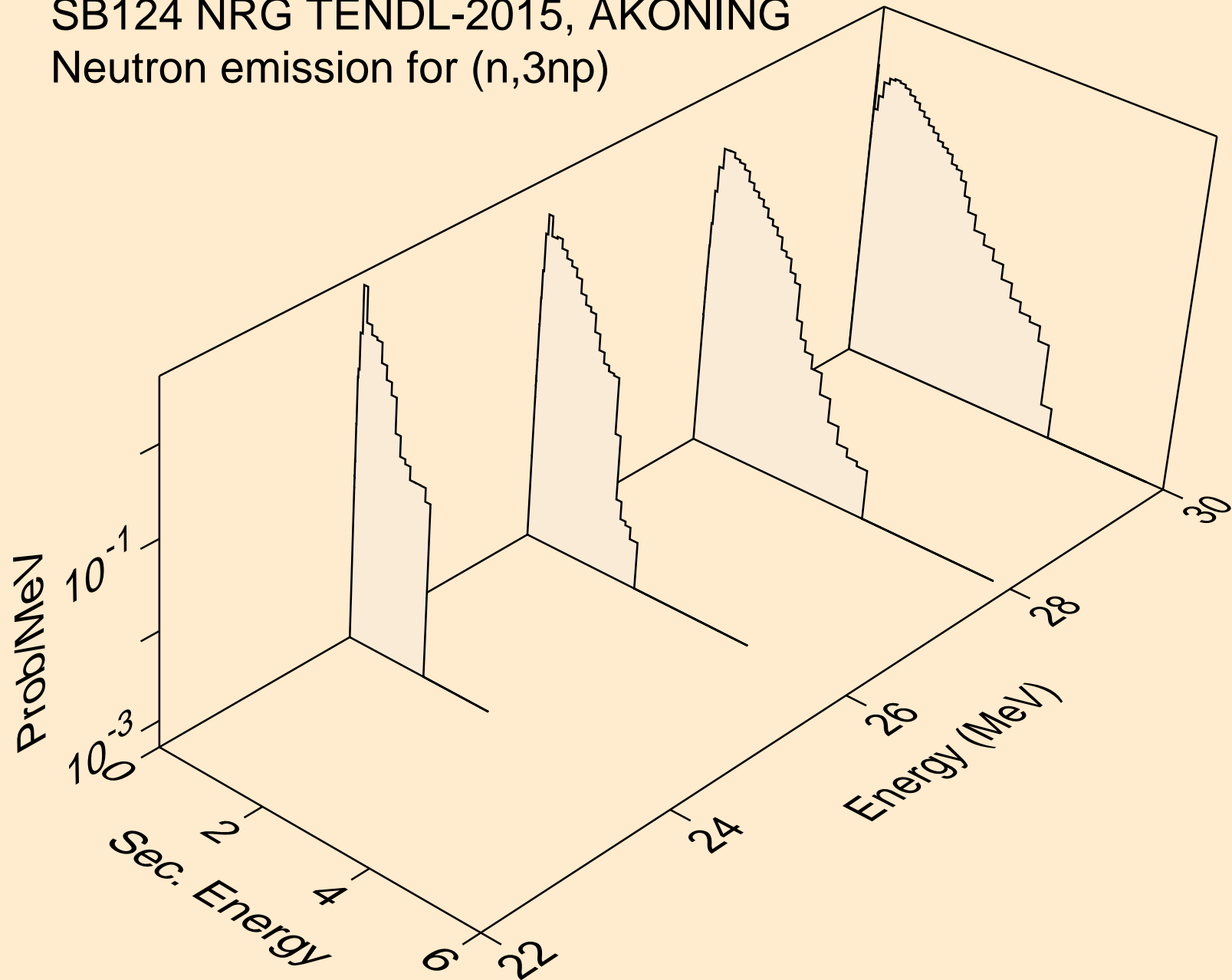
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



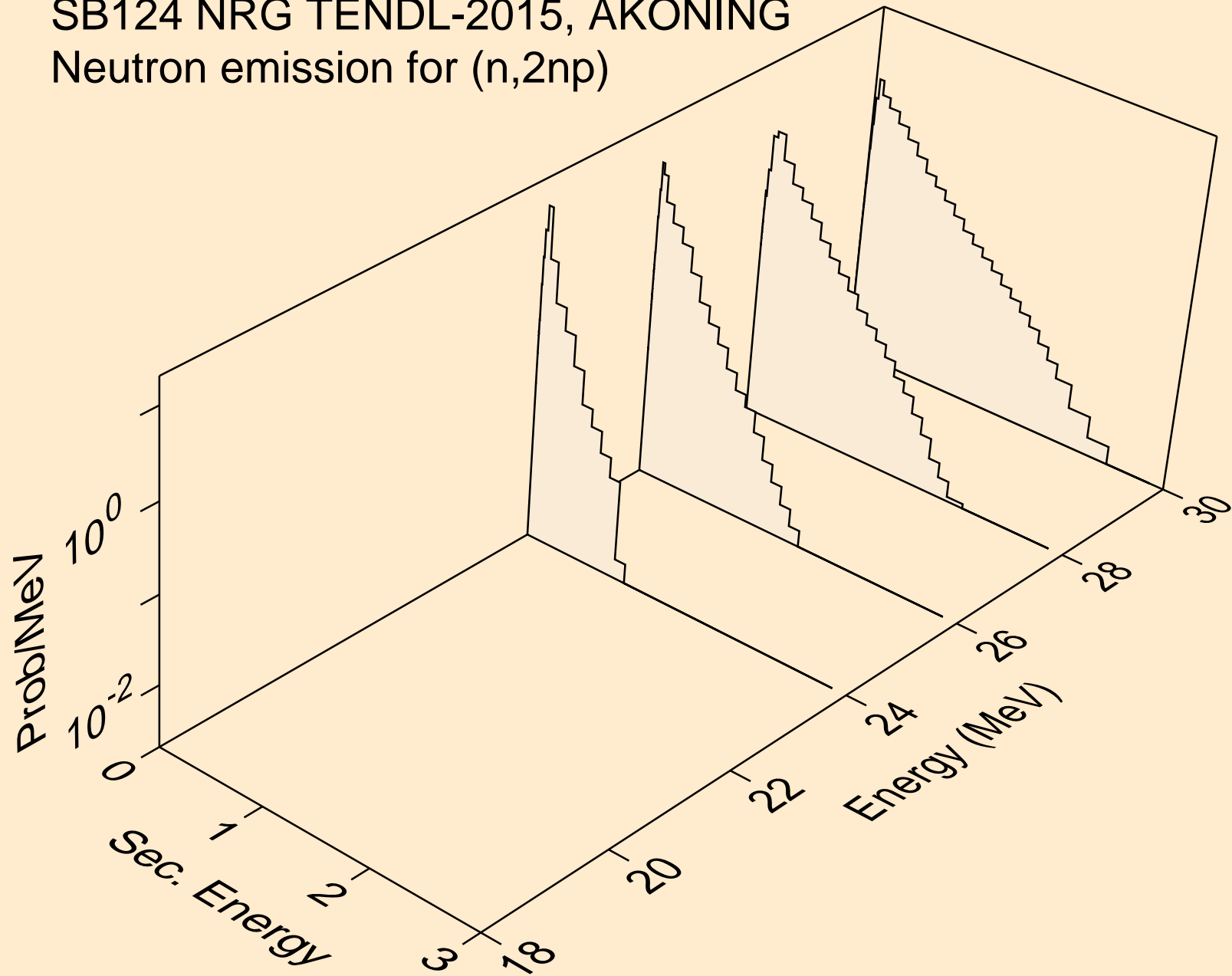
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



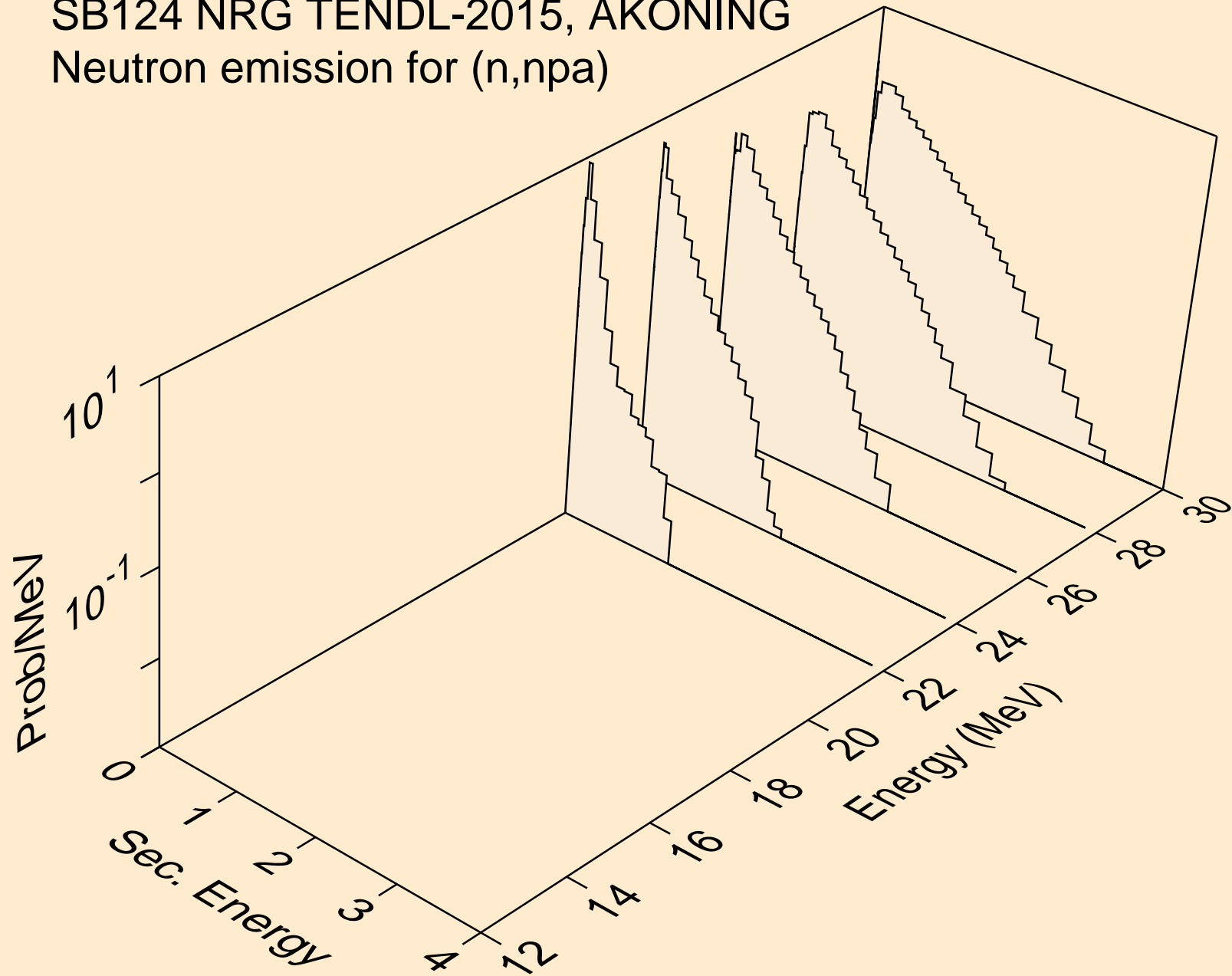
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



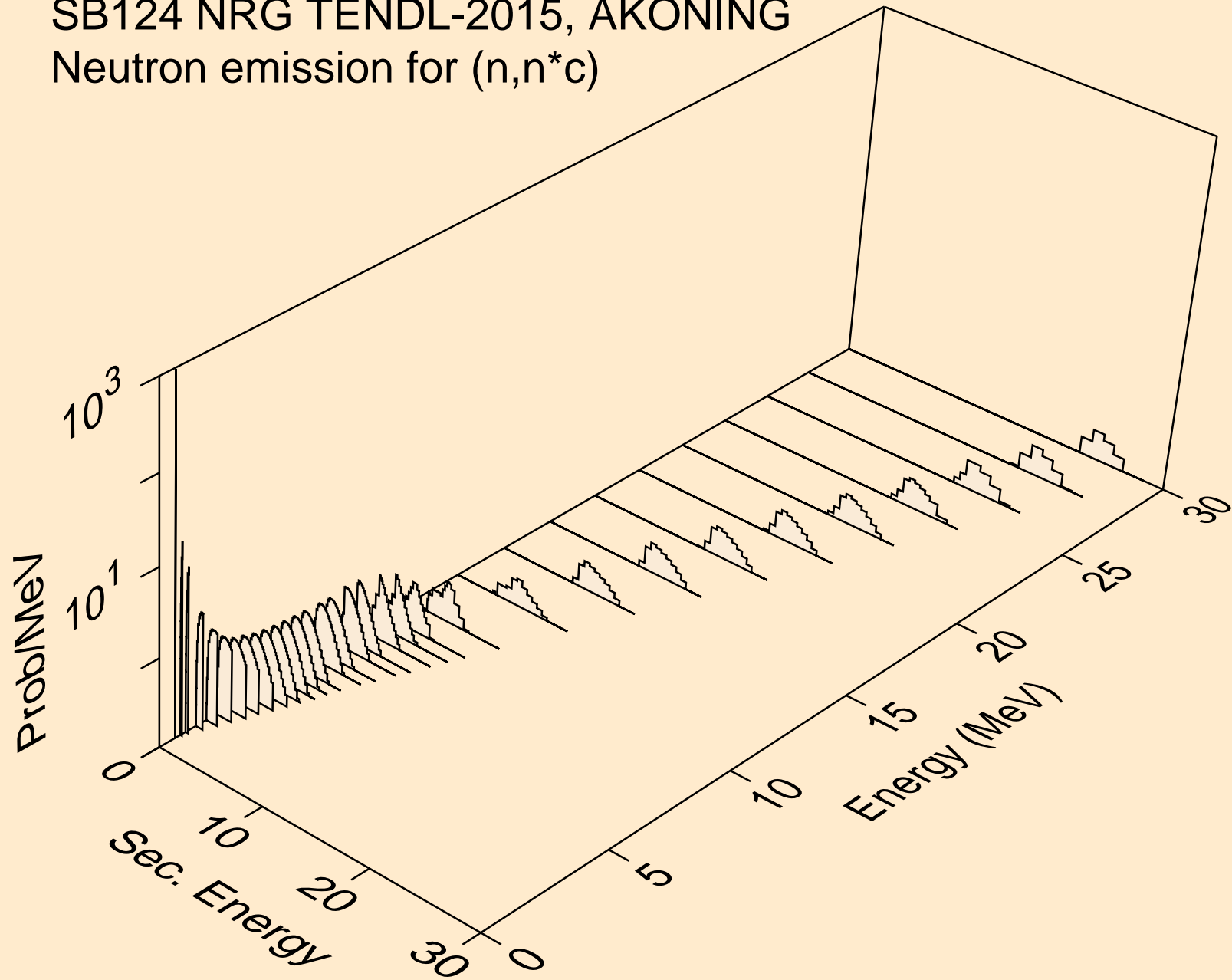
SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

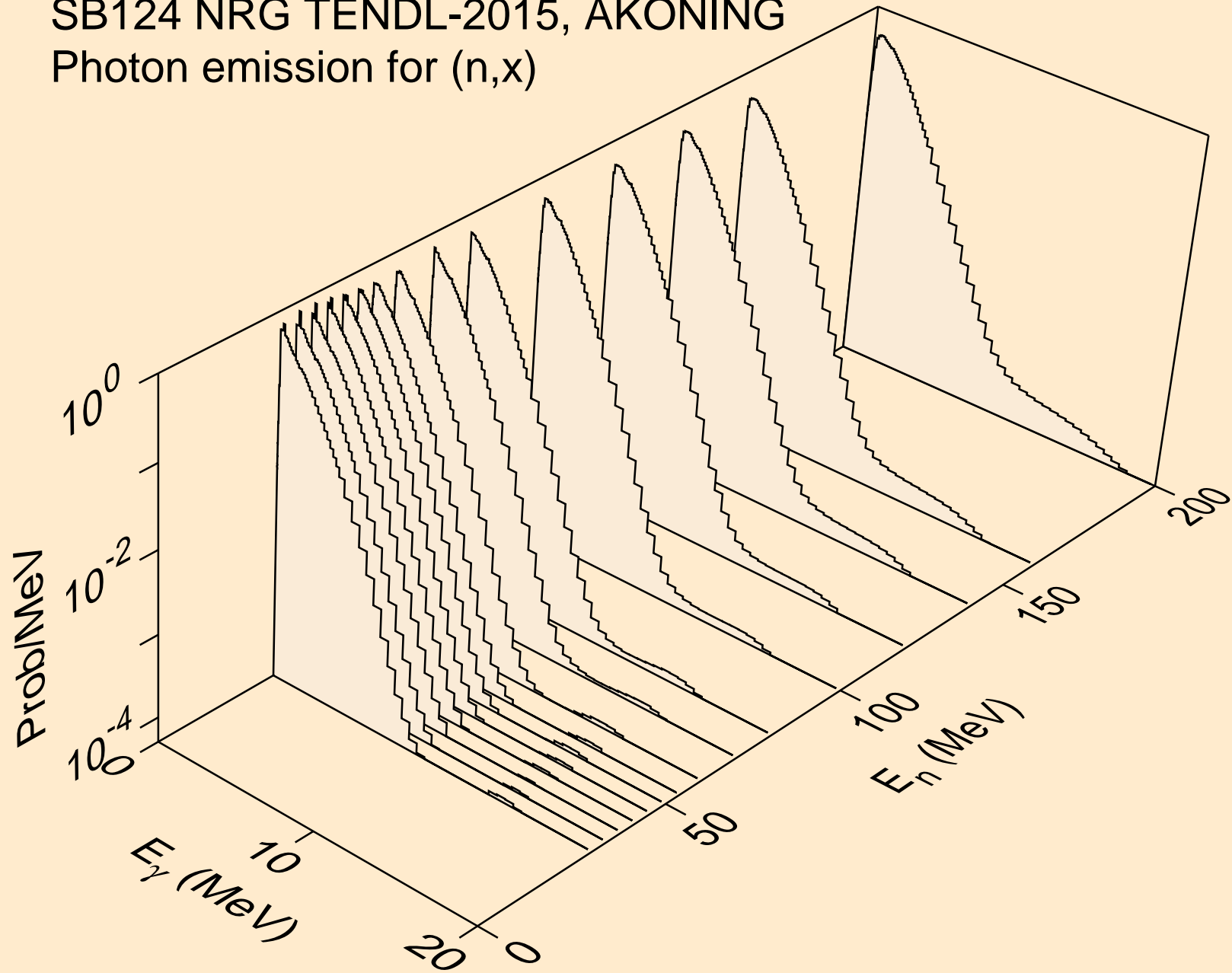


SB124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

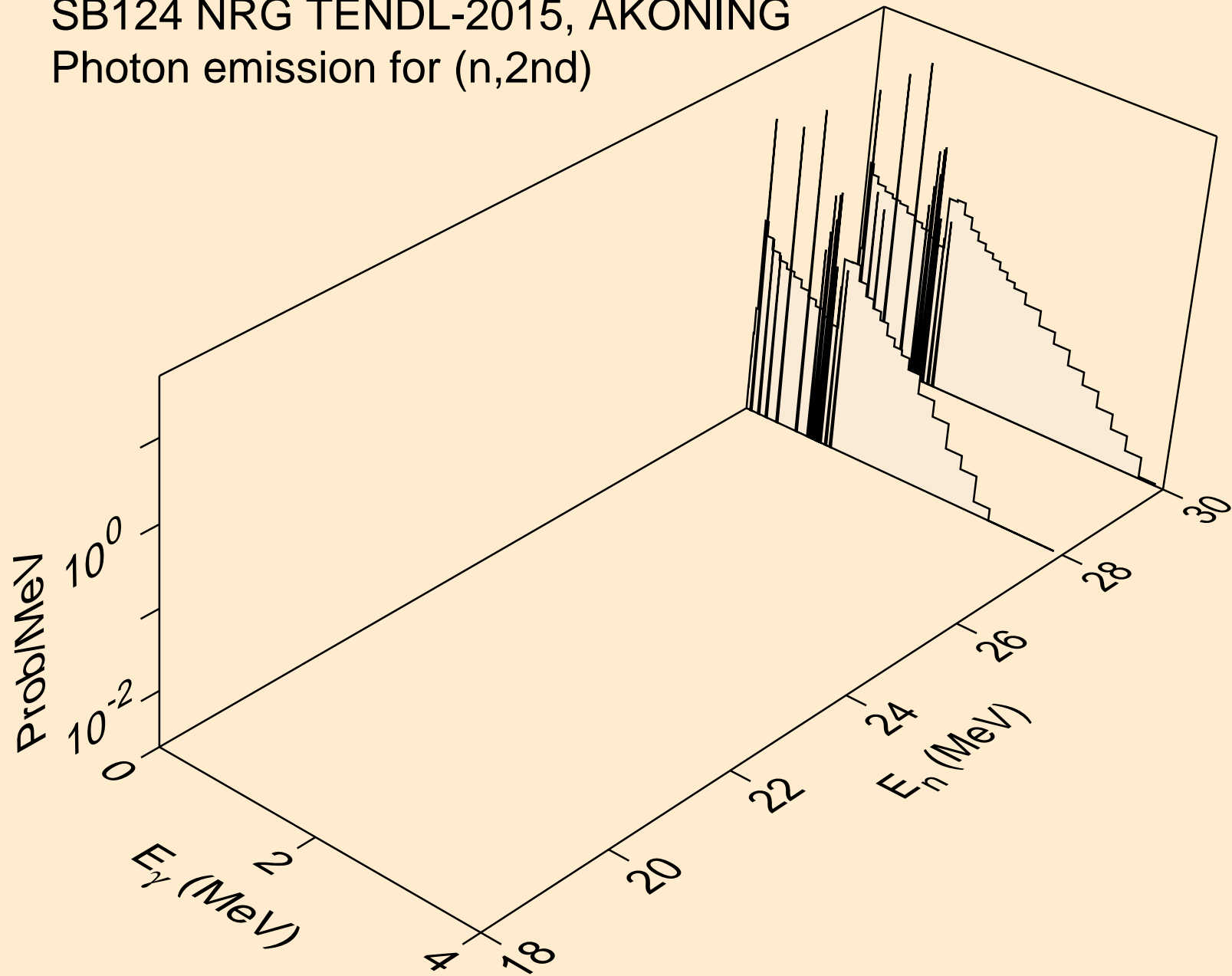




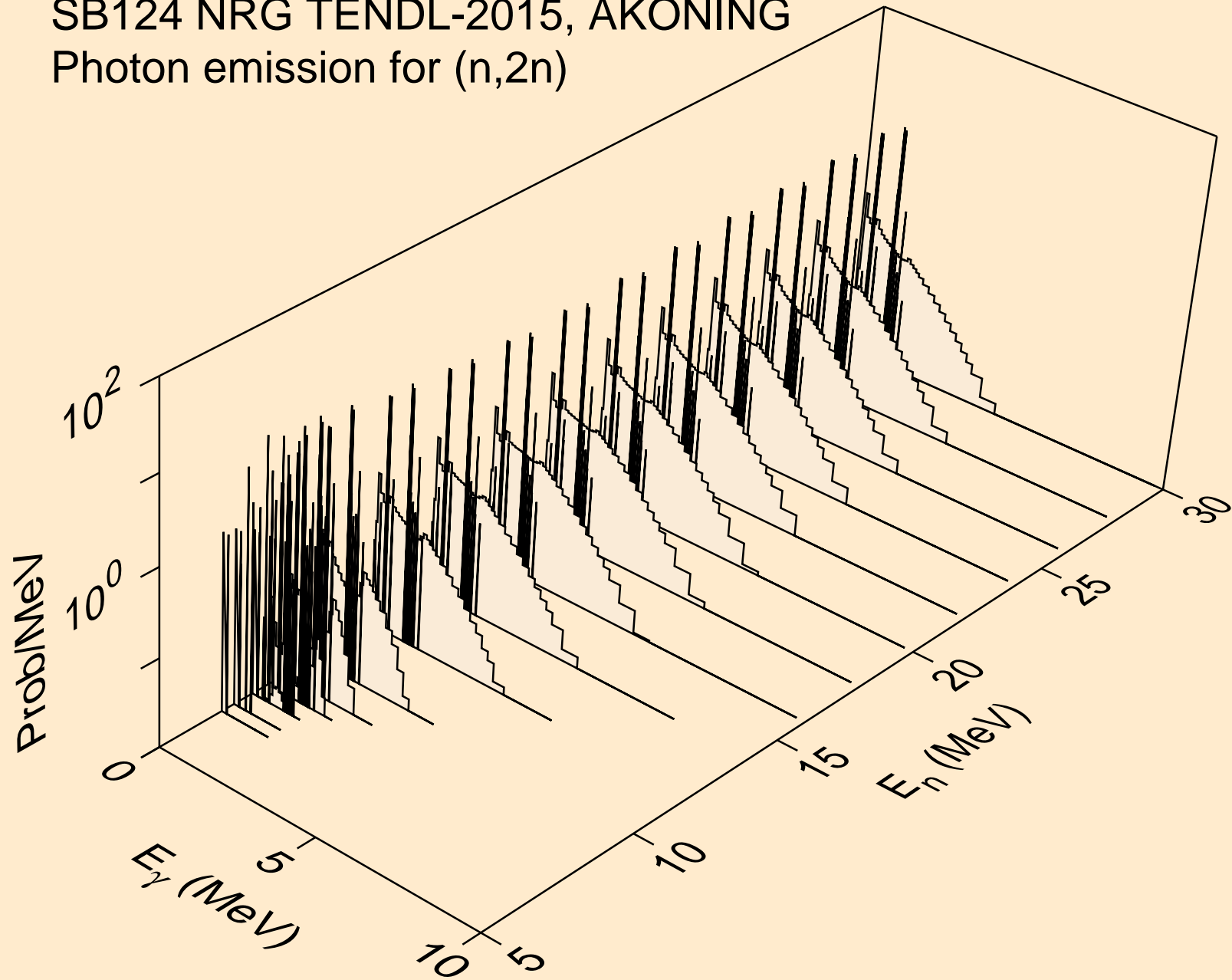
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



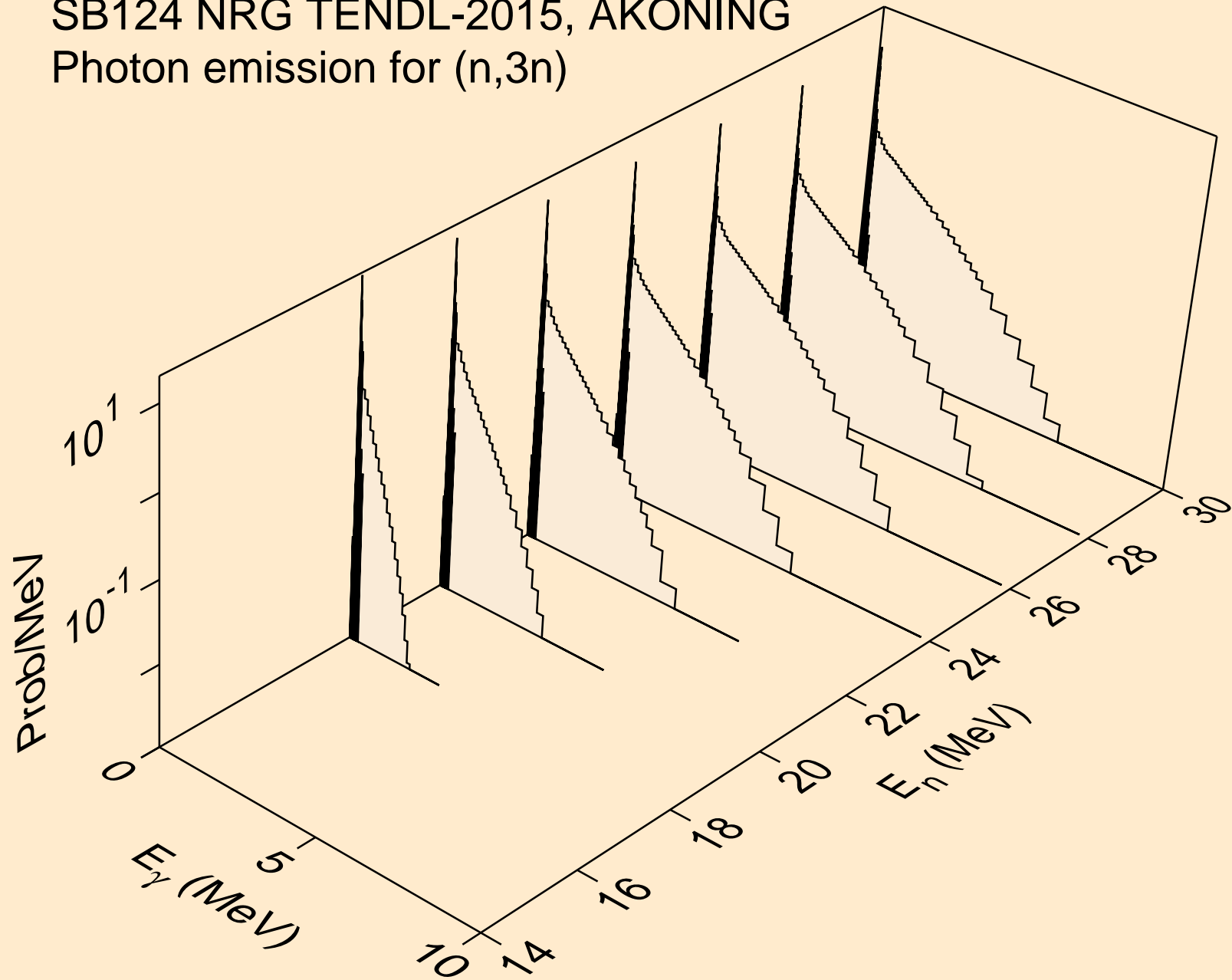
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



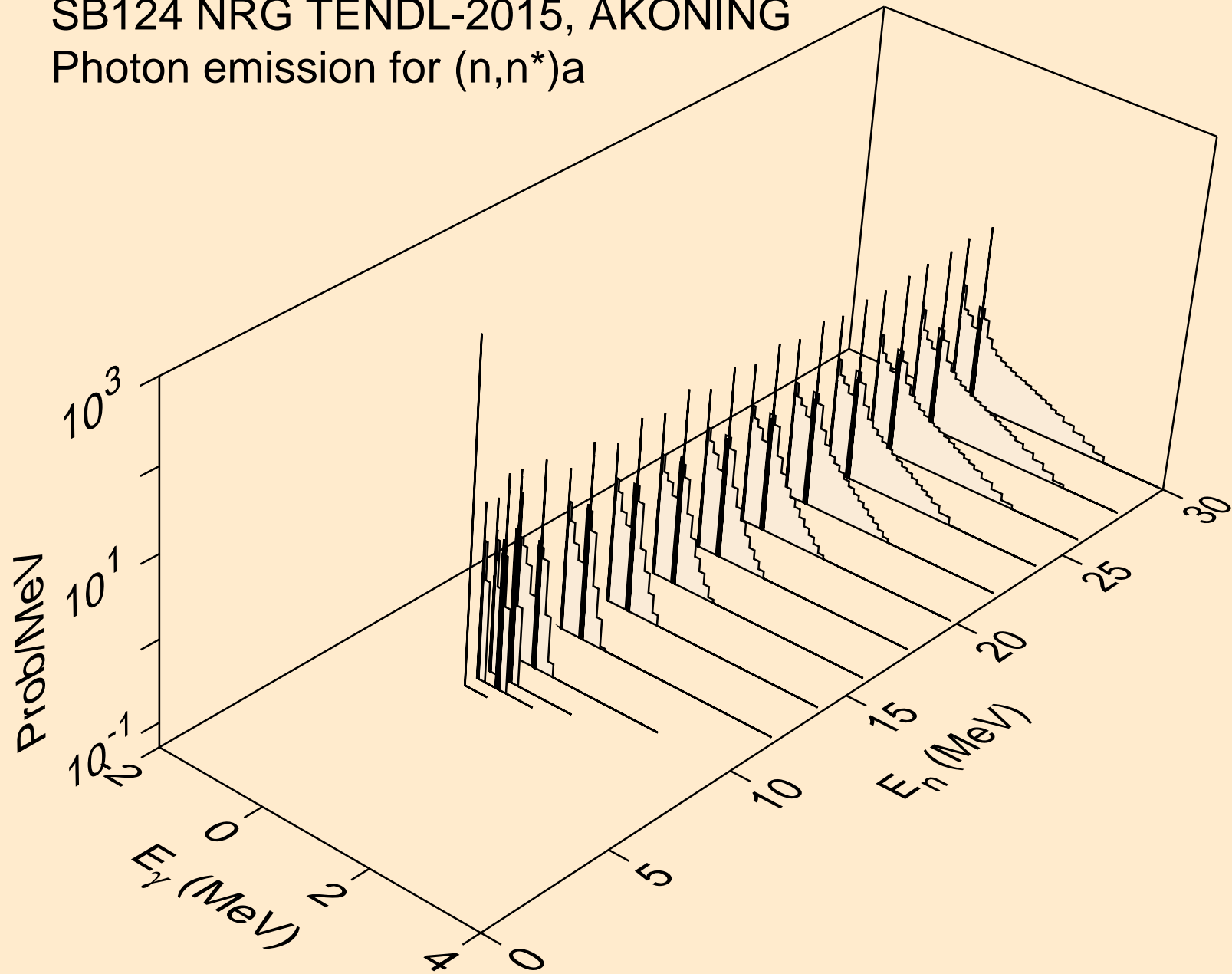
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



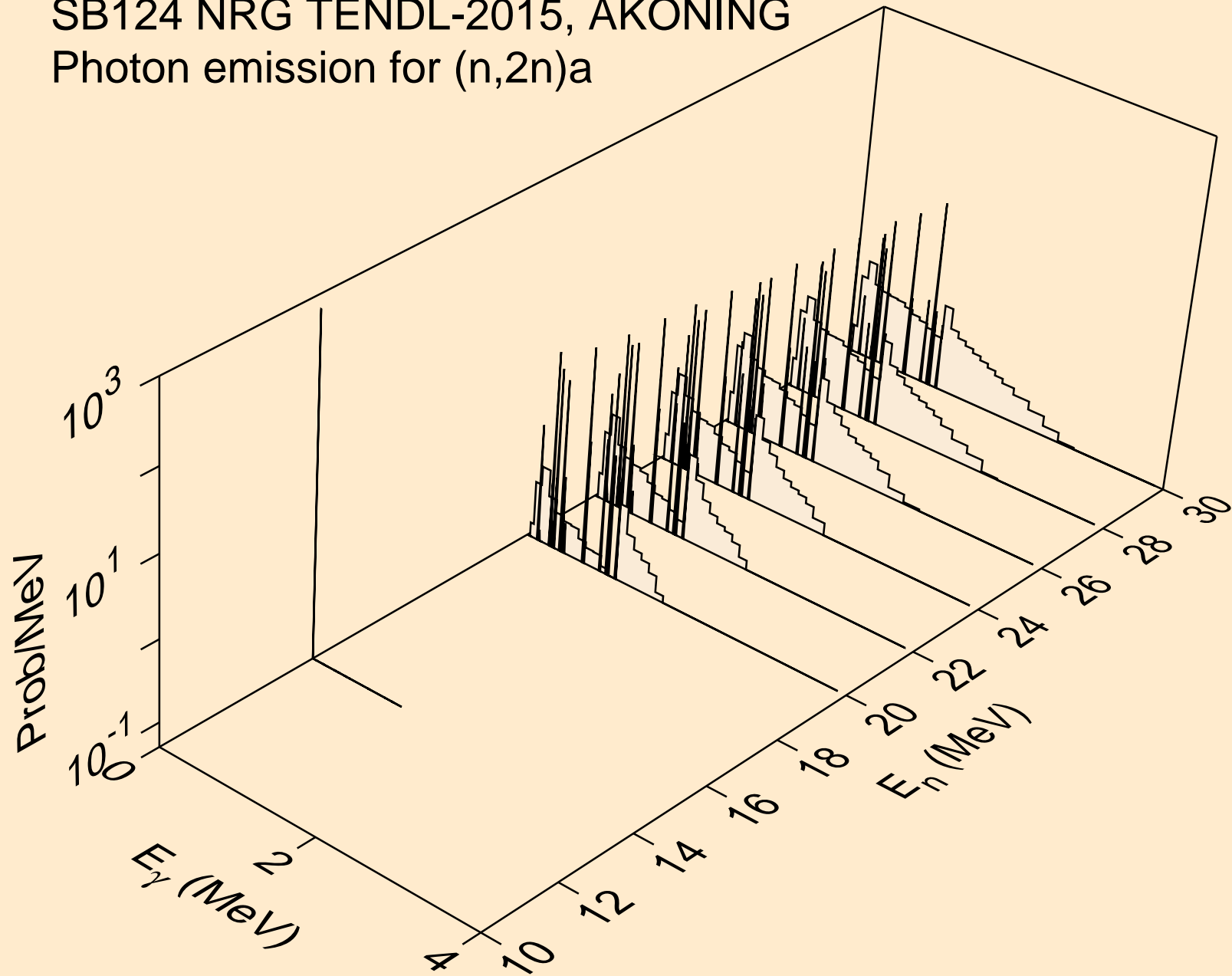
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



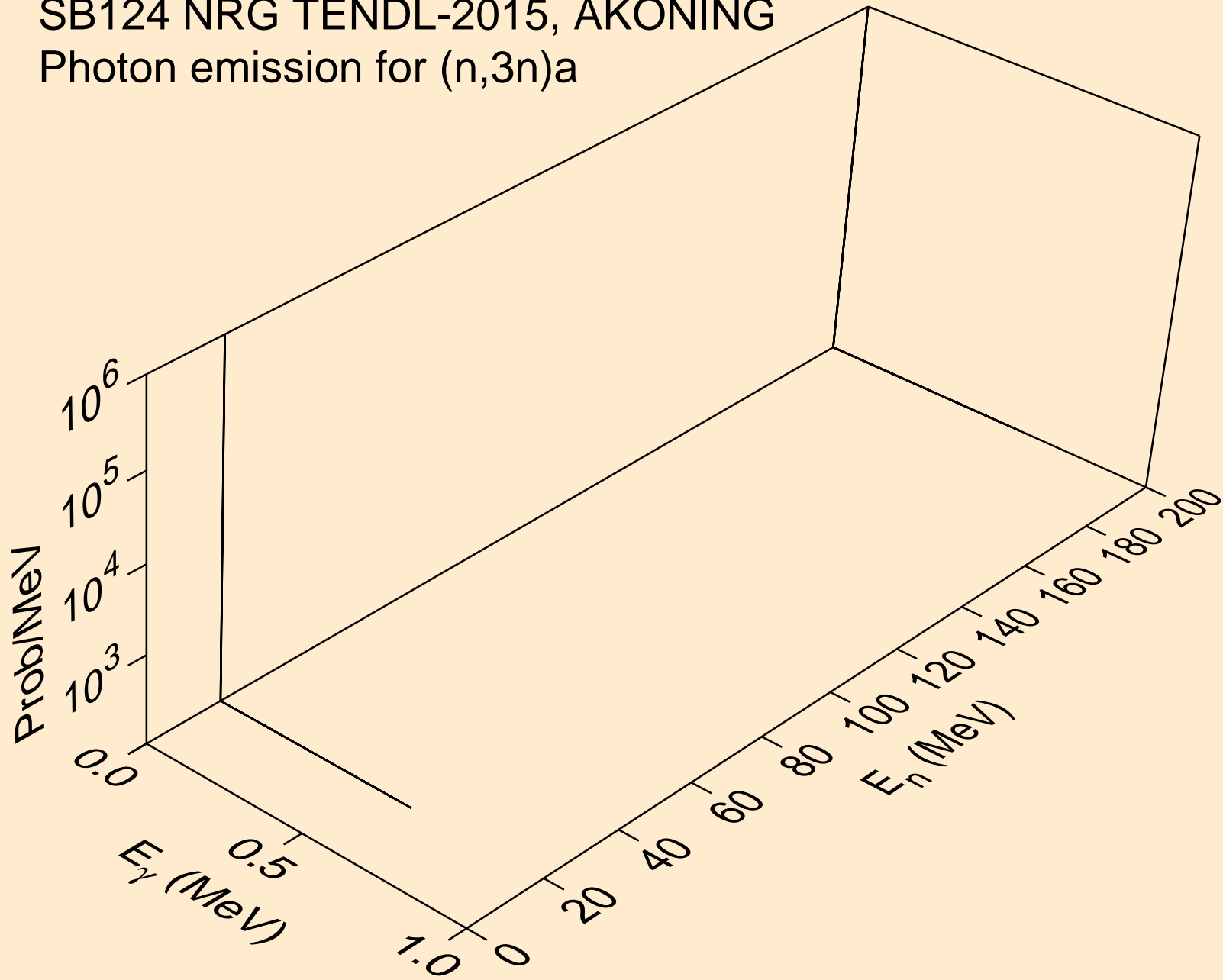
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



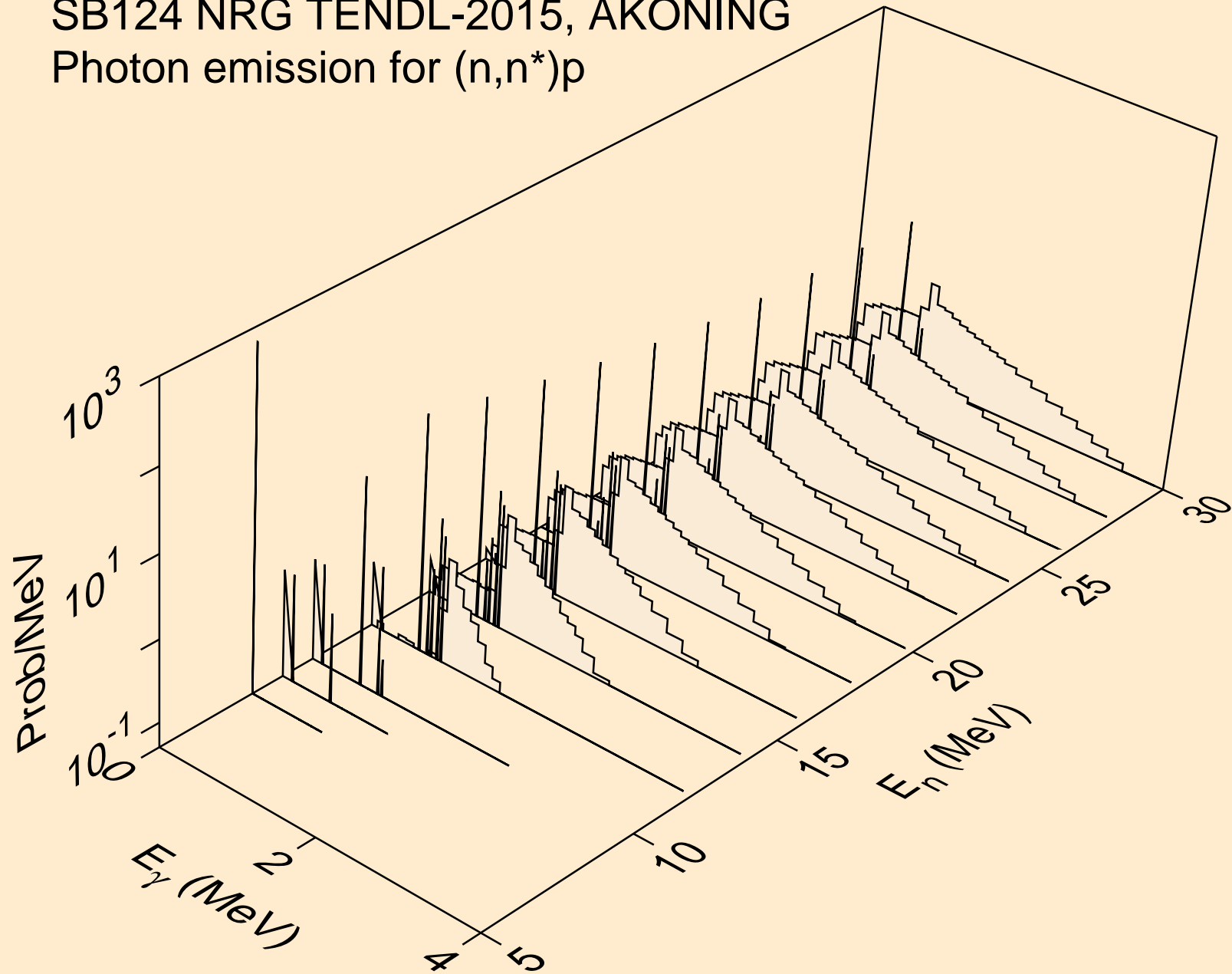
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

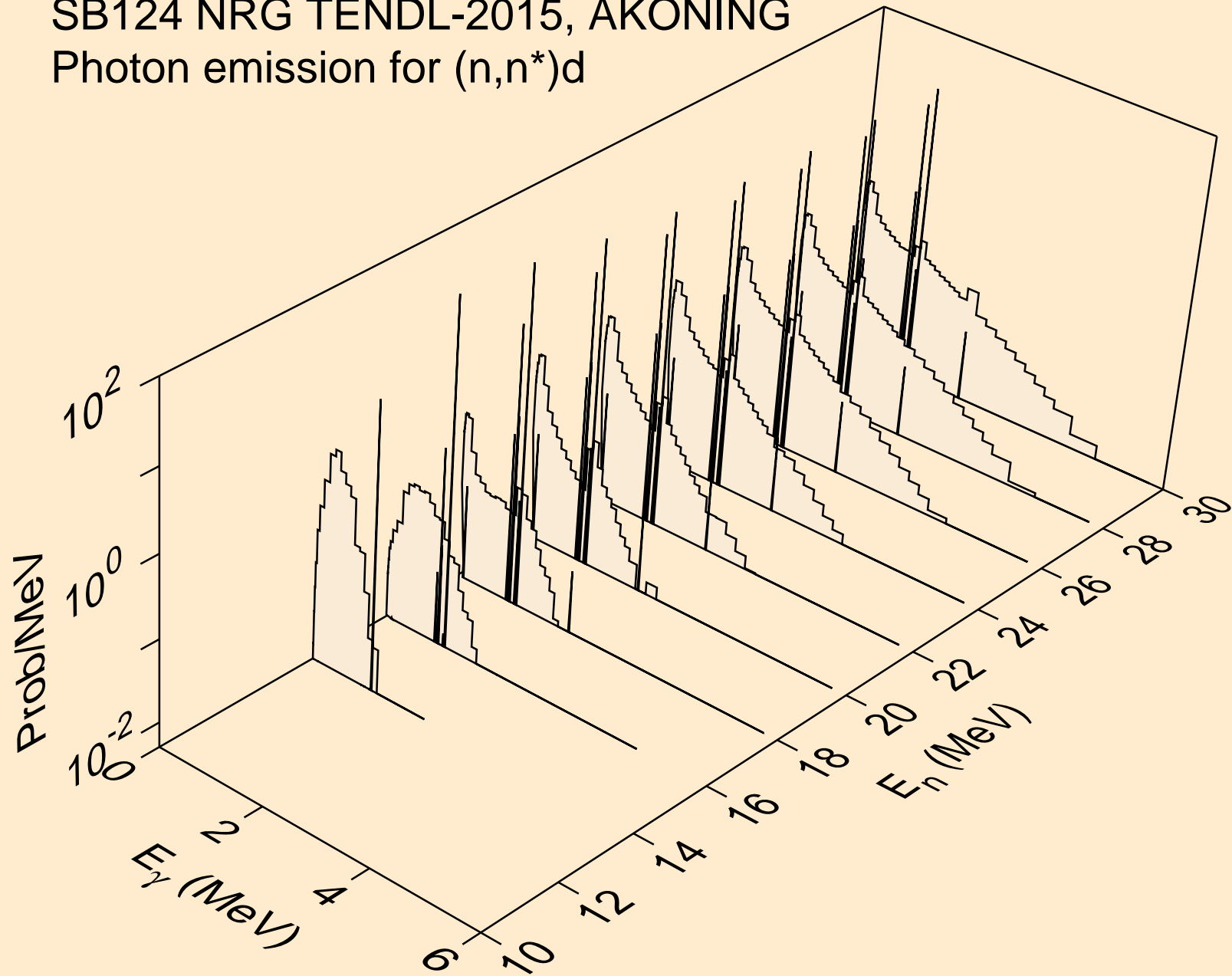


SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

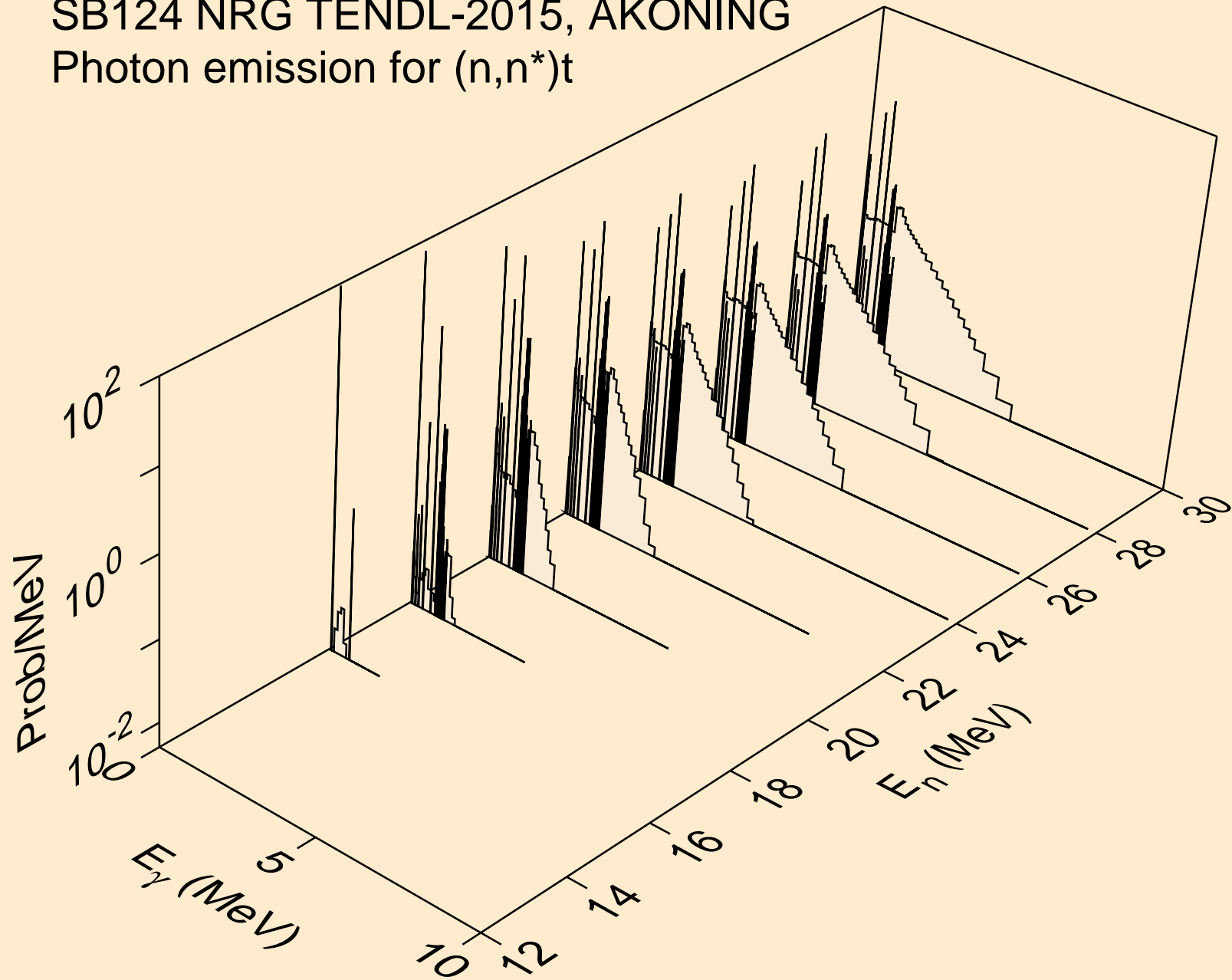




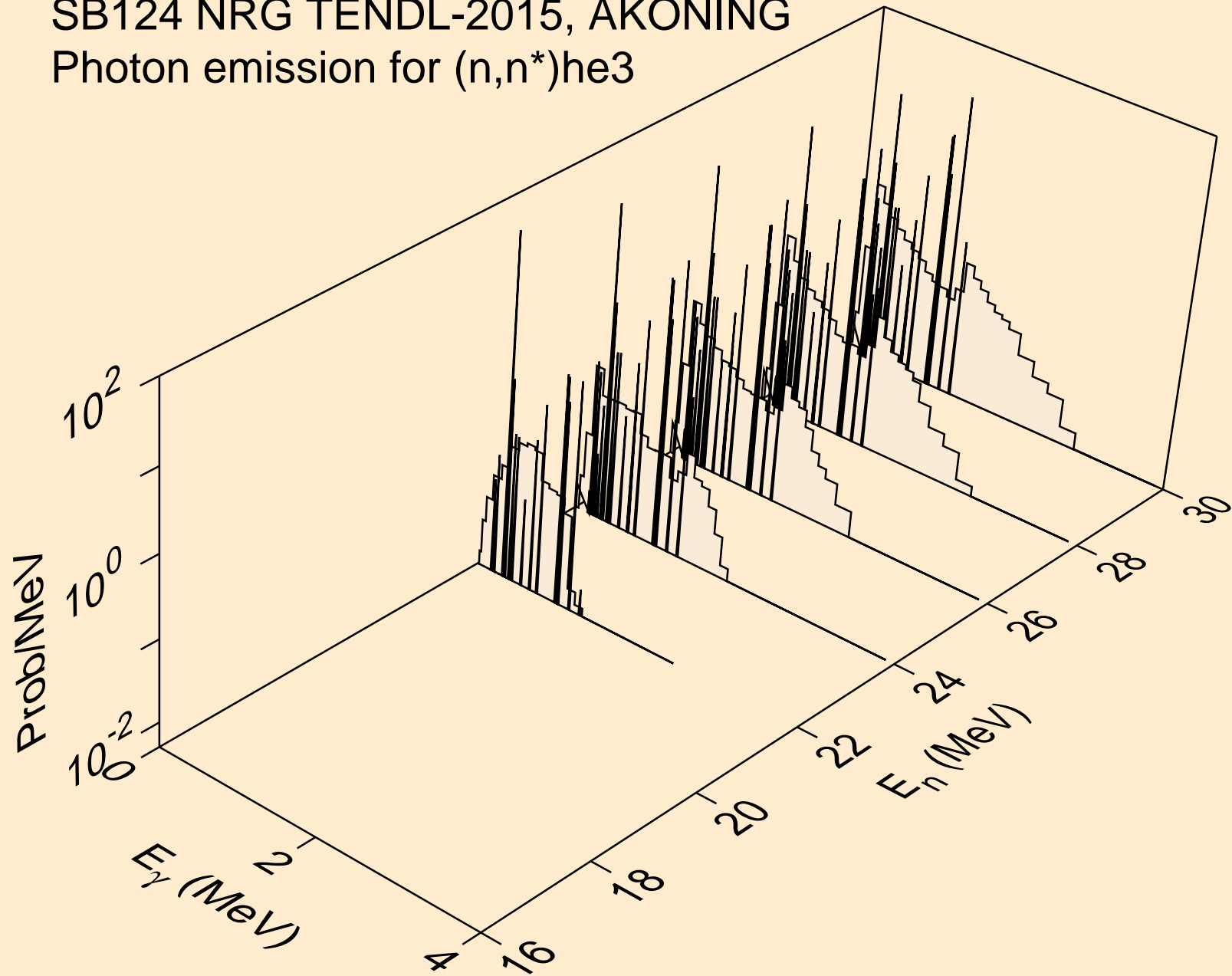
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



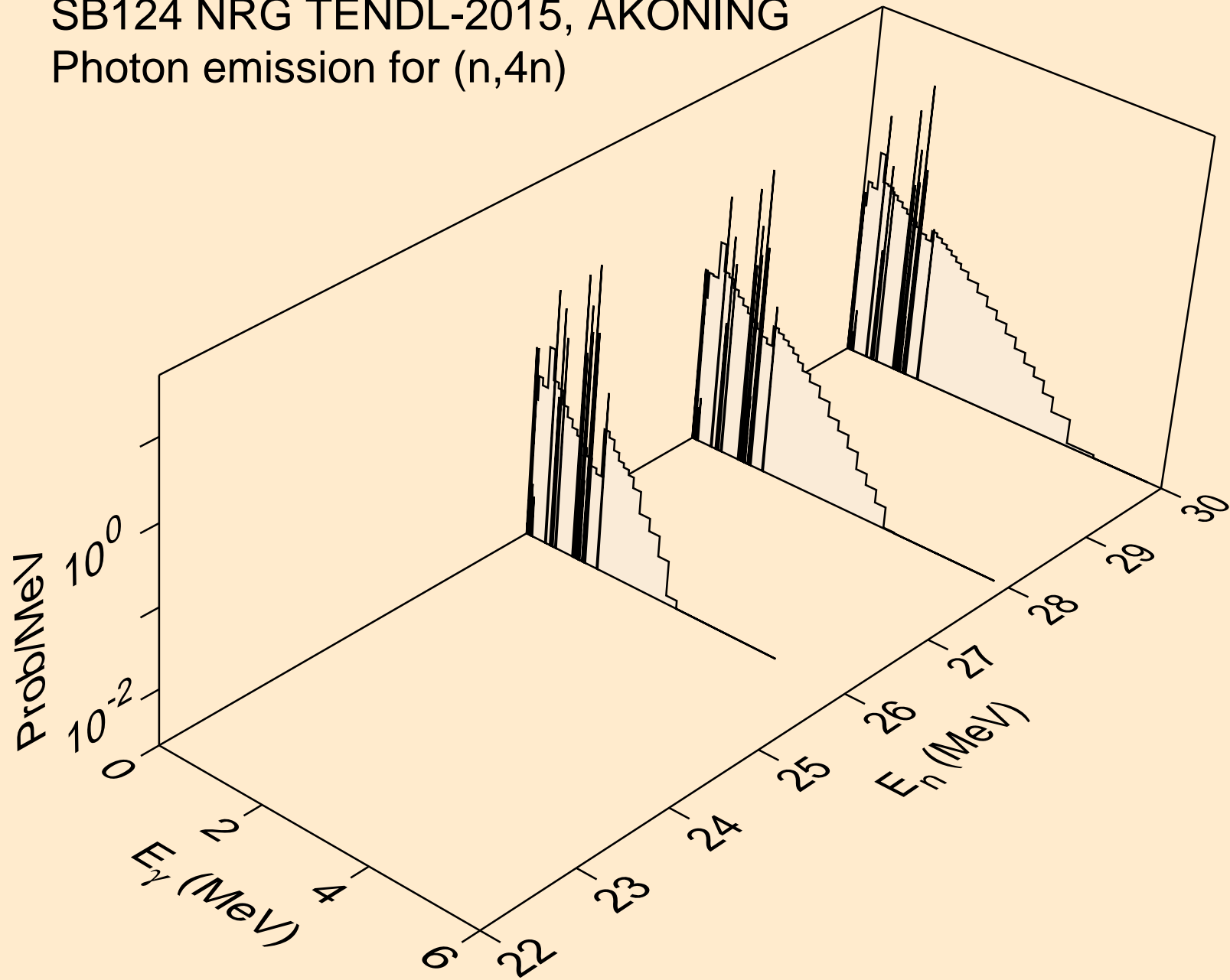
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



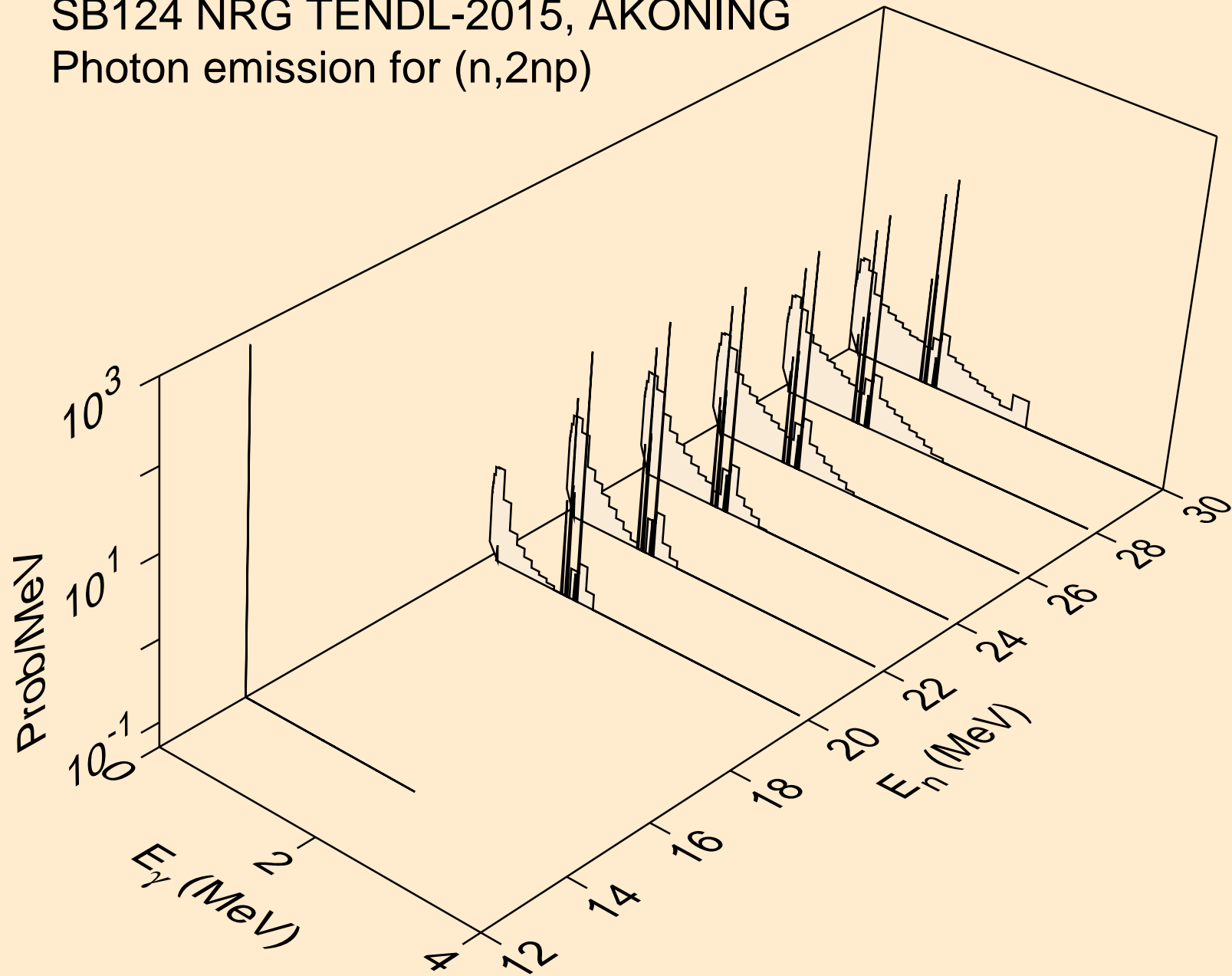
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



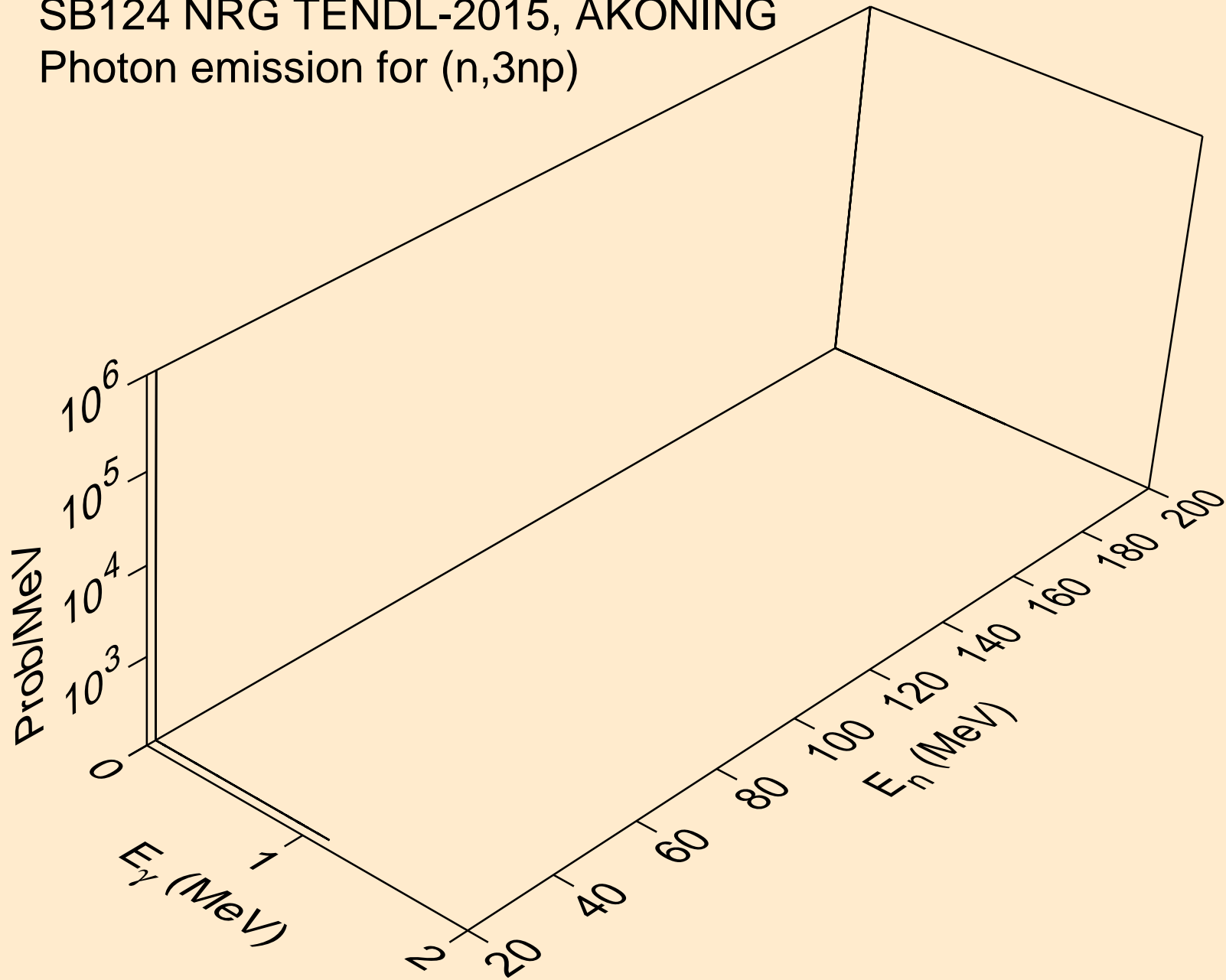
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



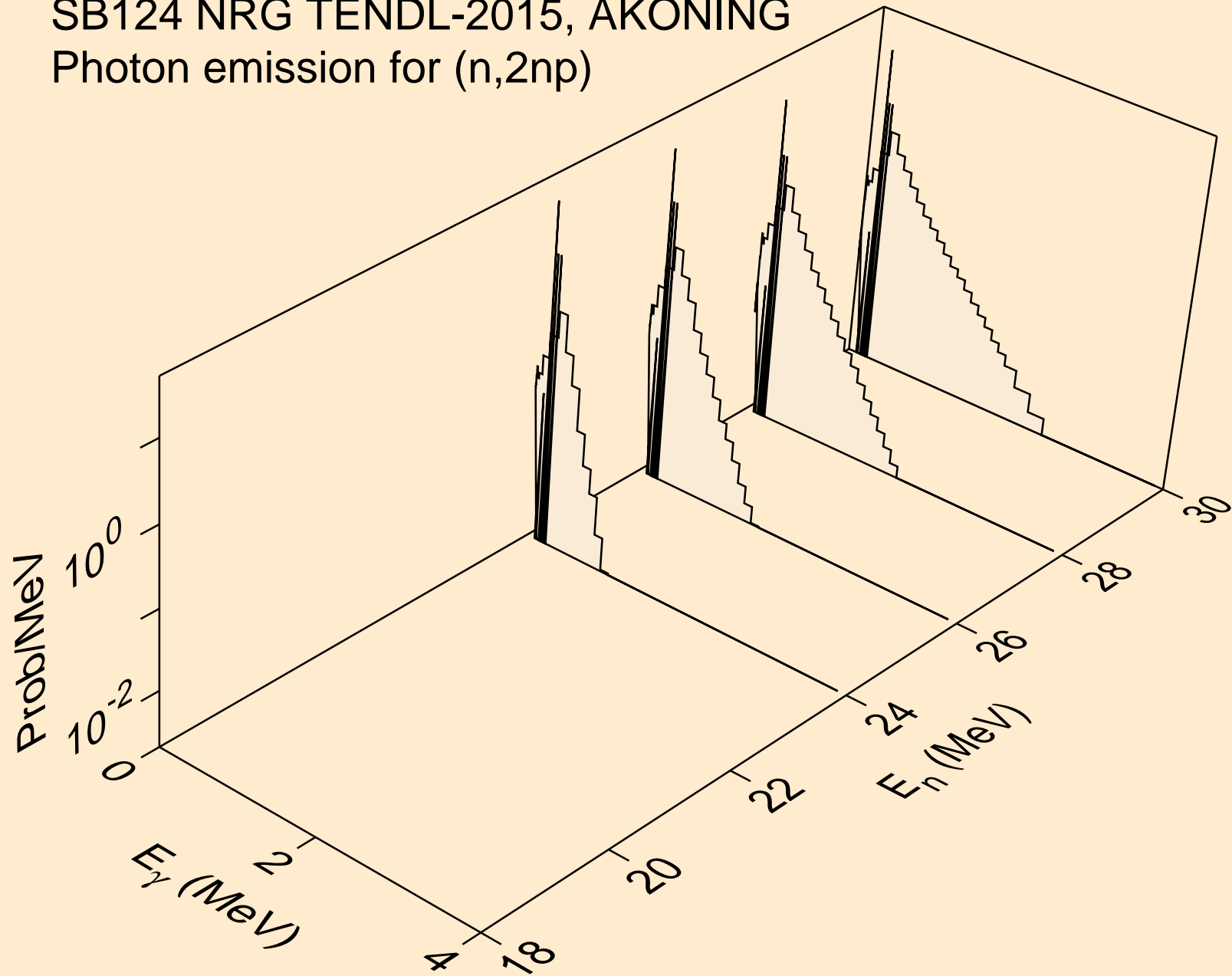
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



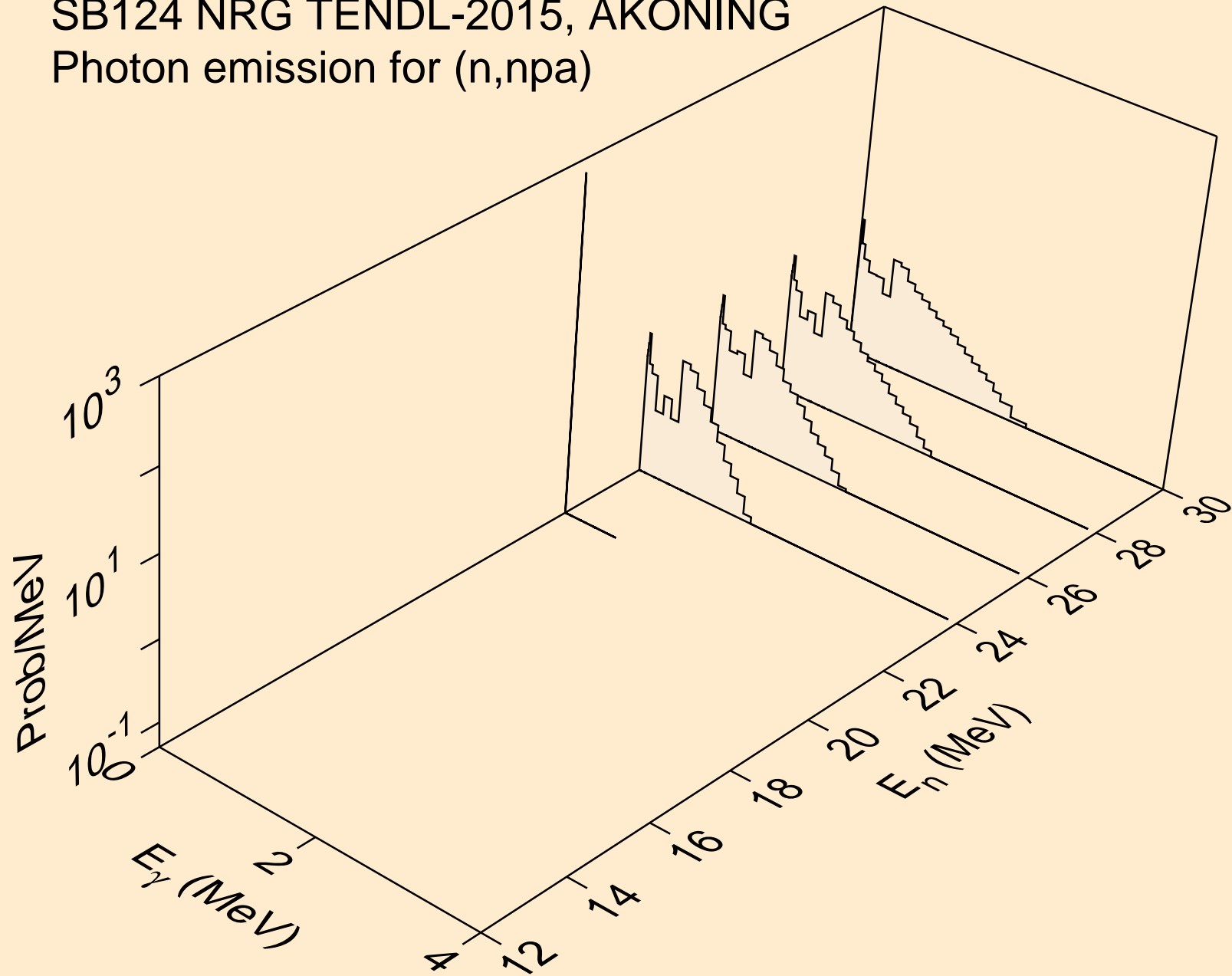
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

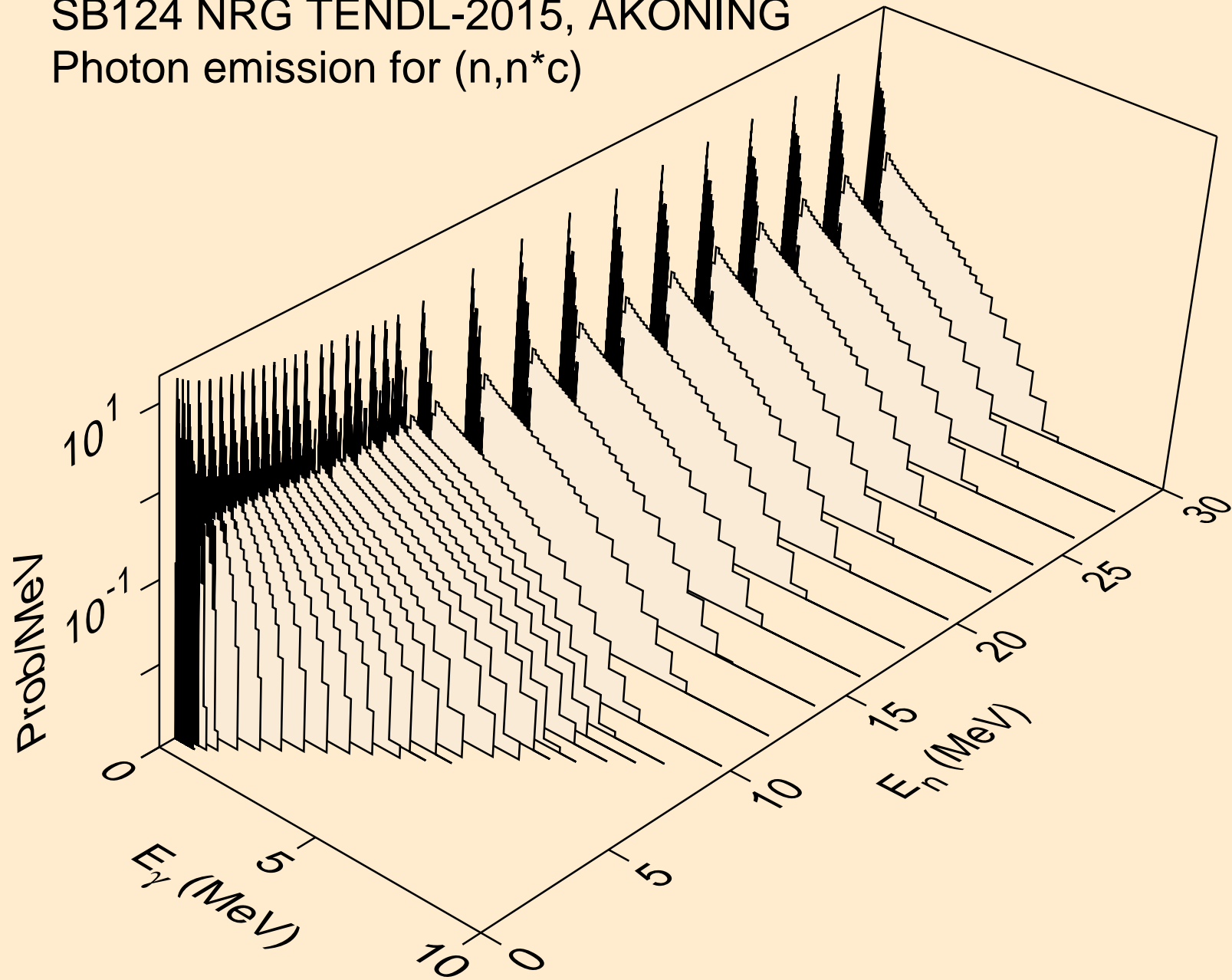


SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

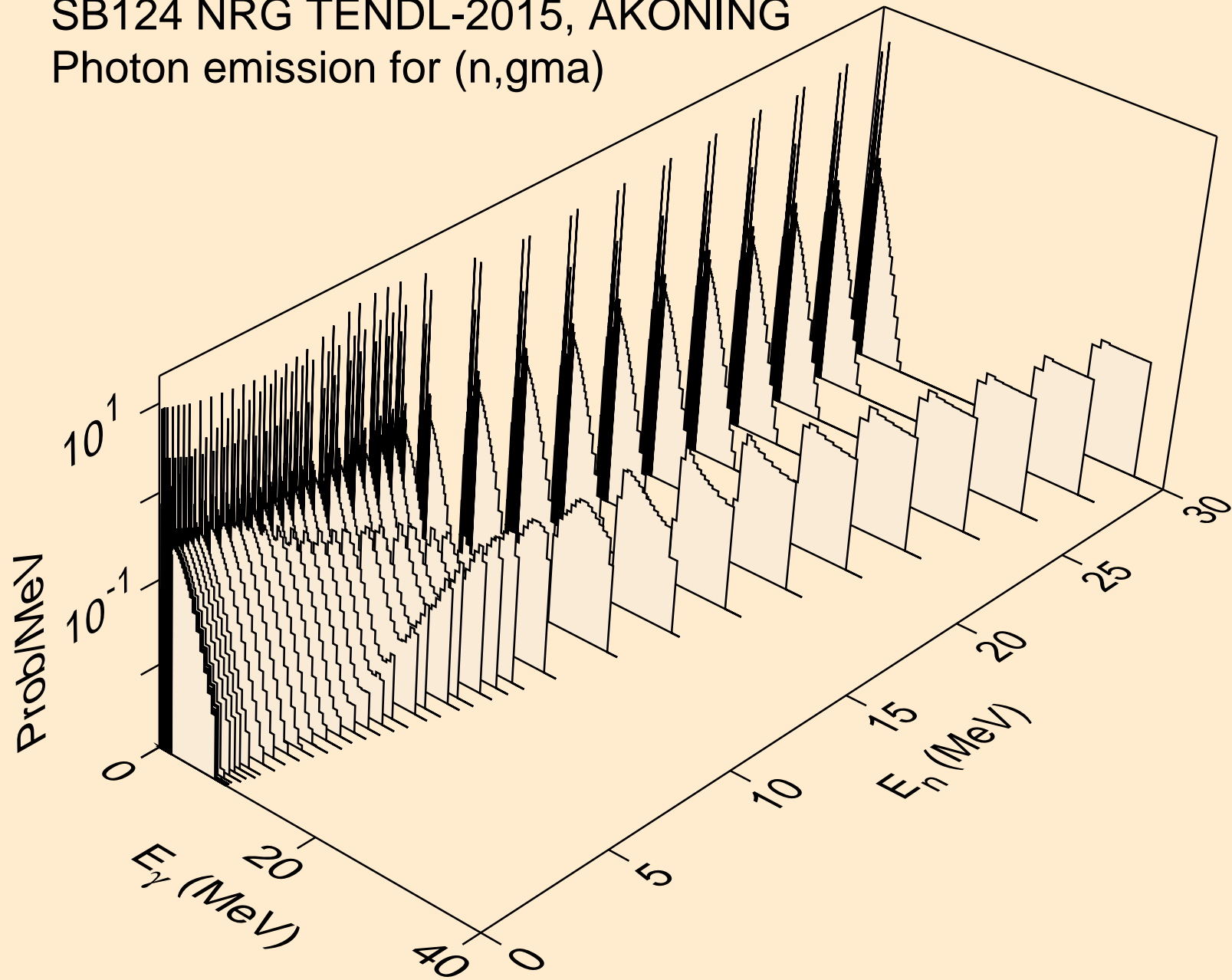




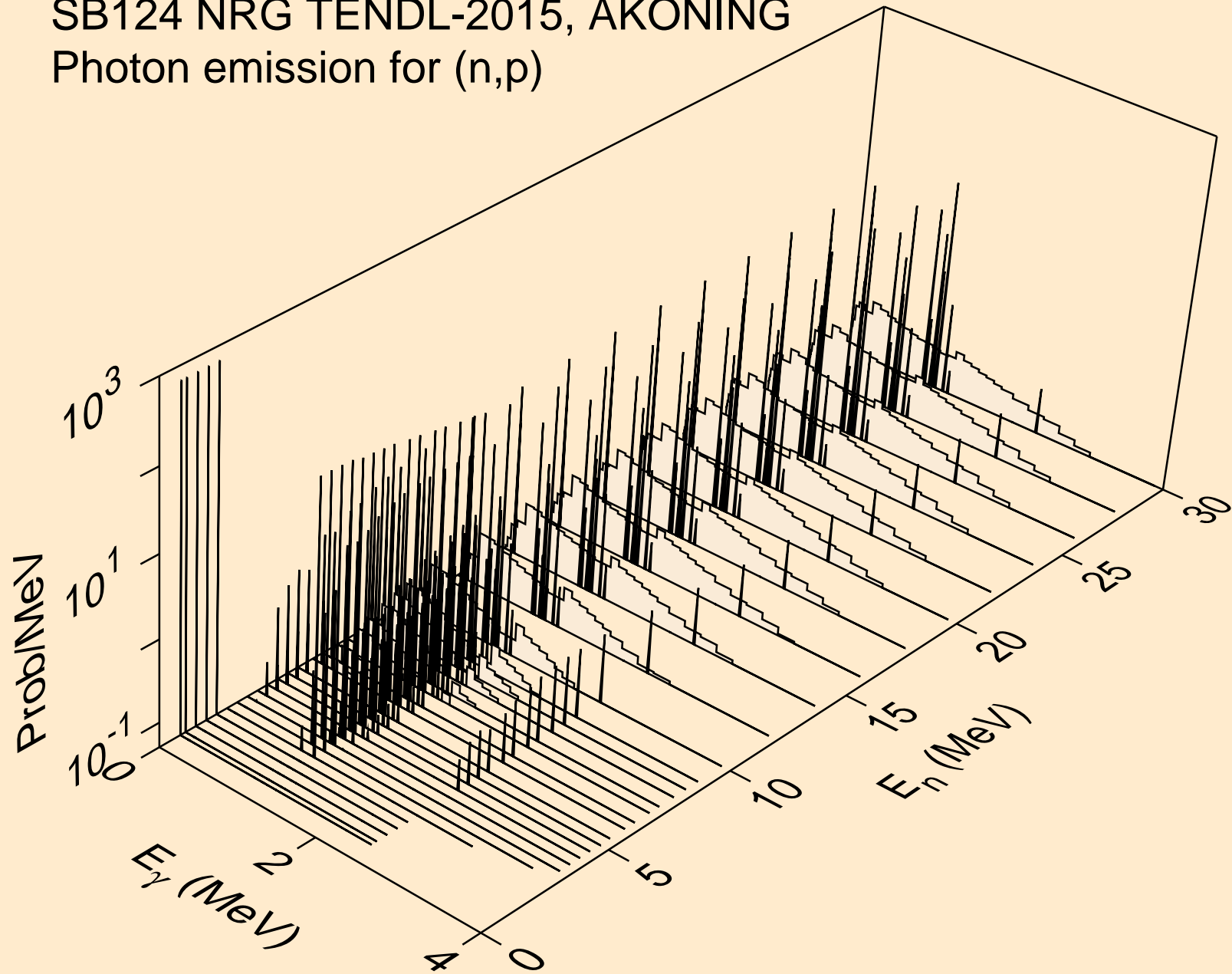
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



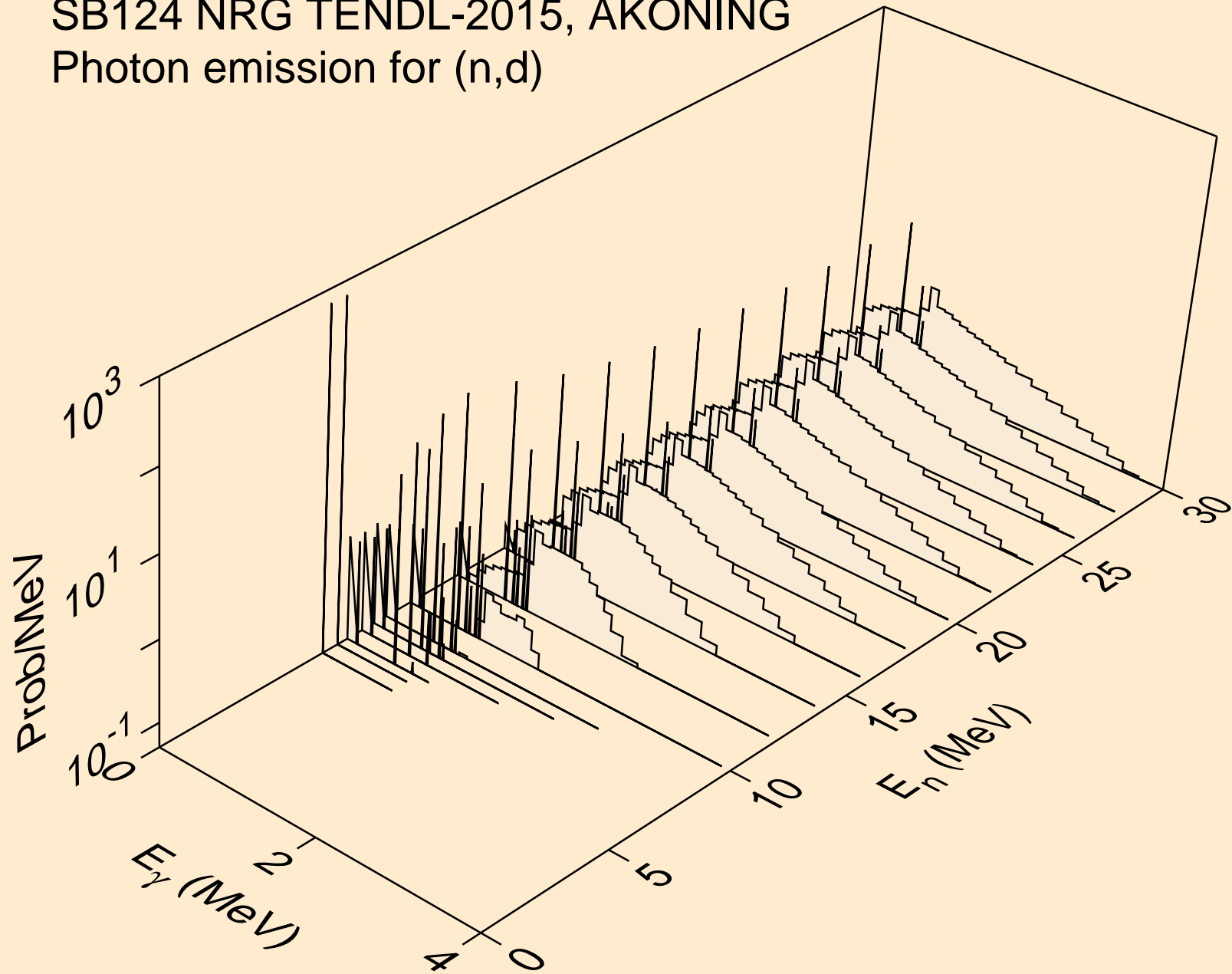
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



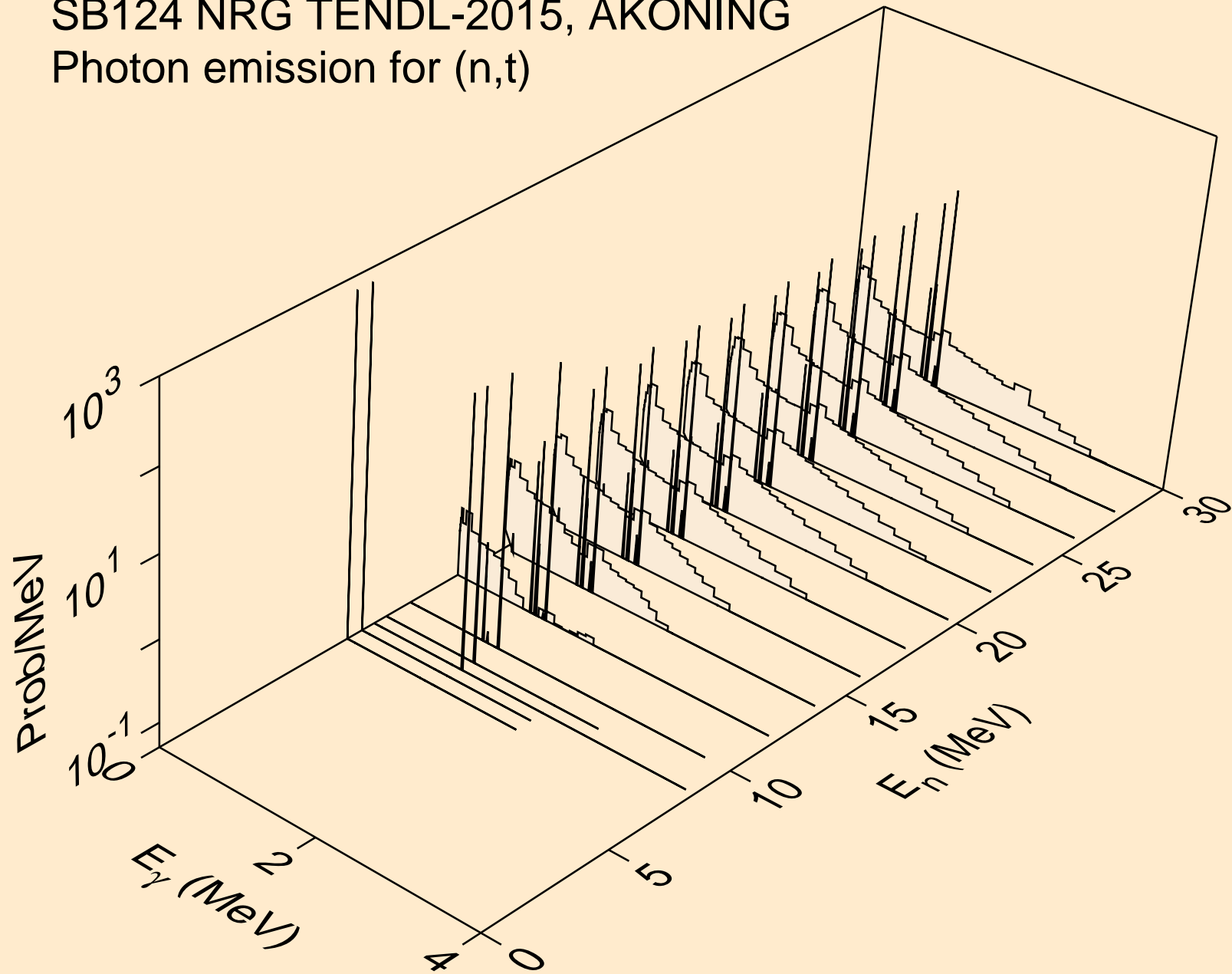
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



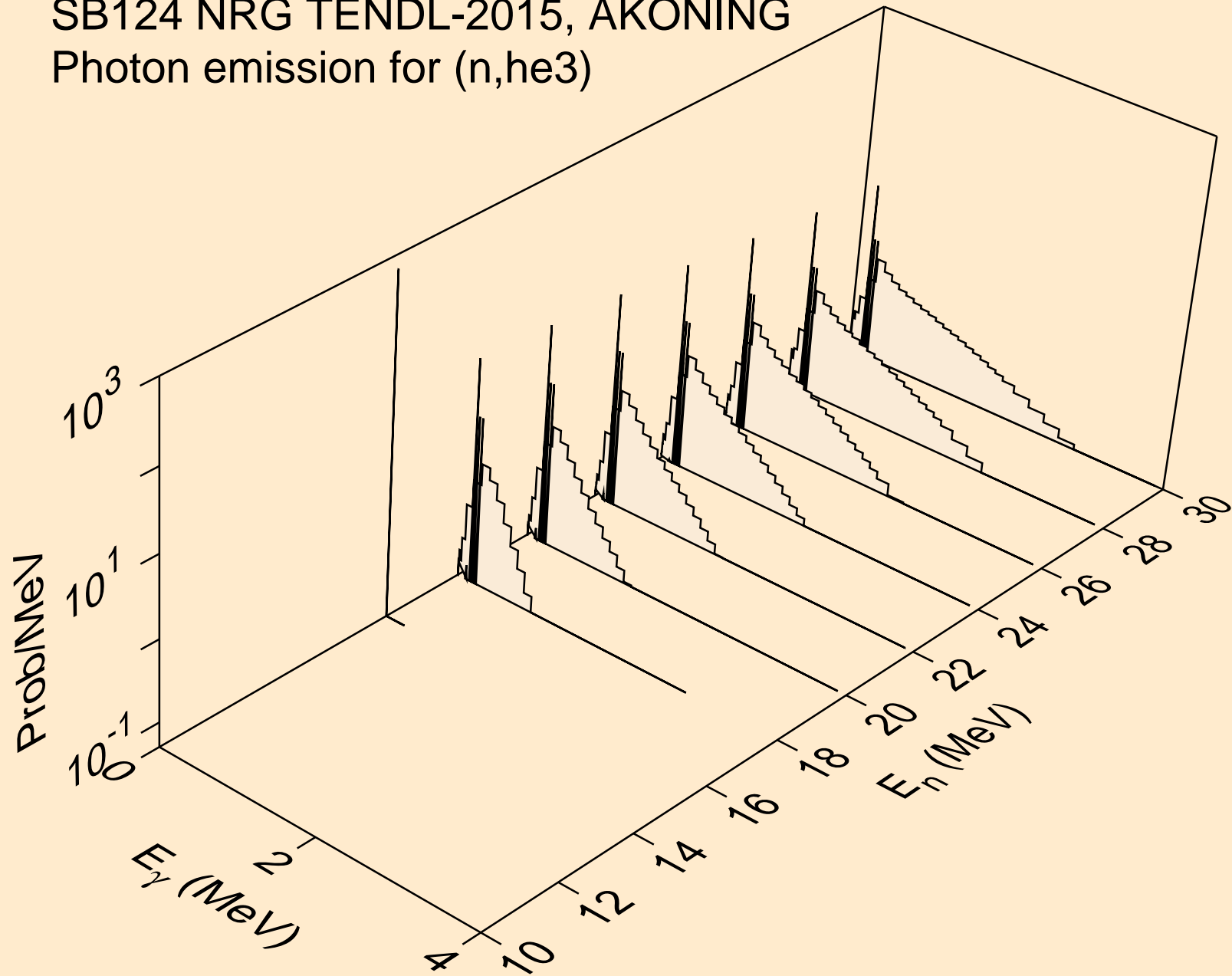
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



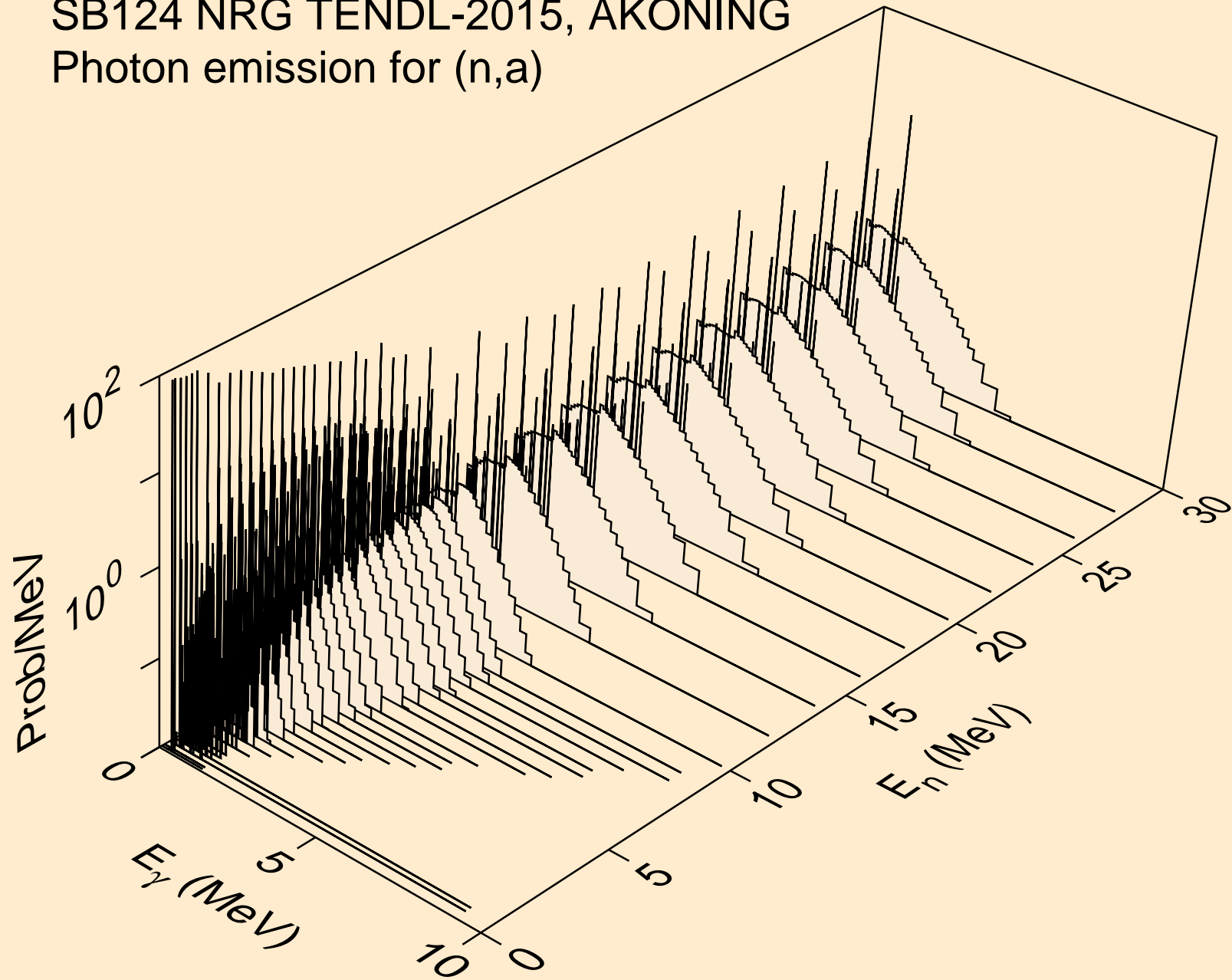
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



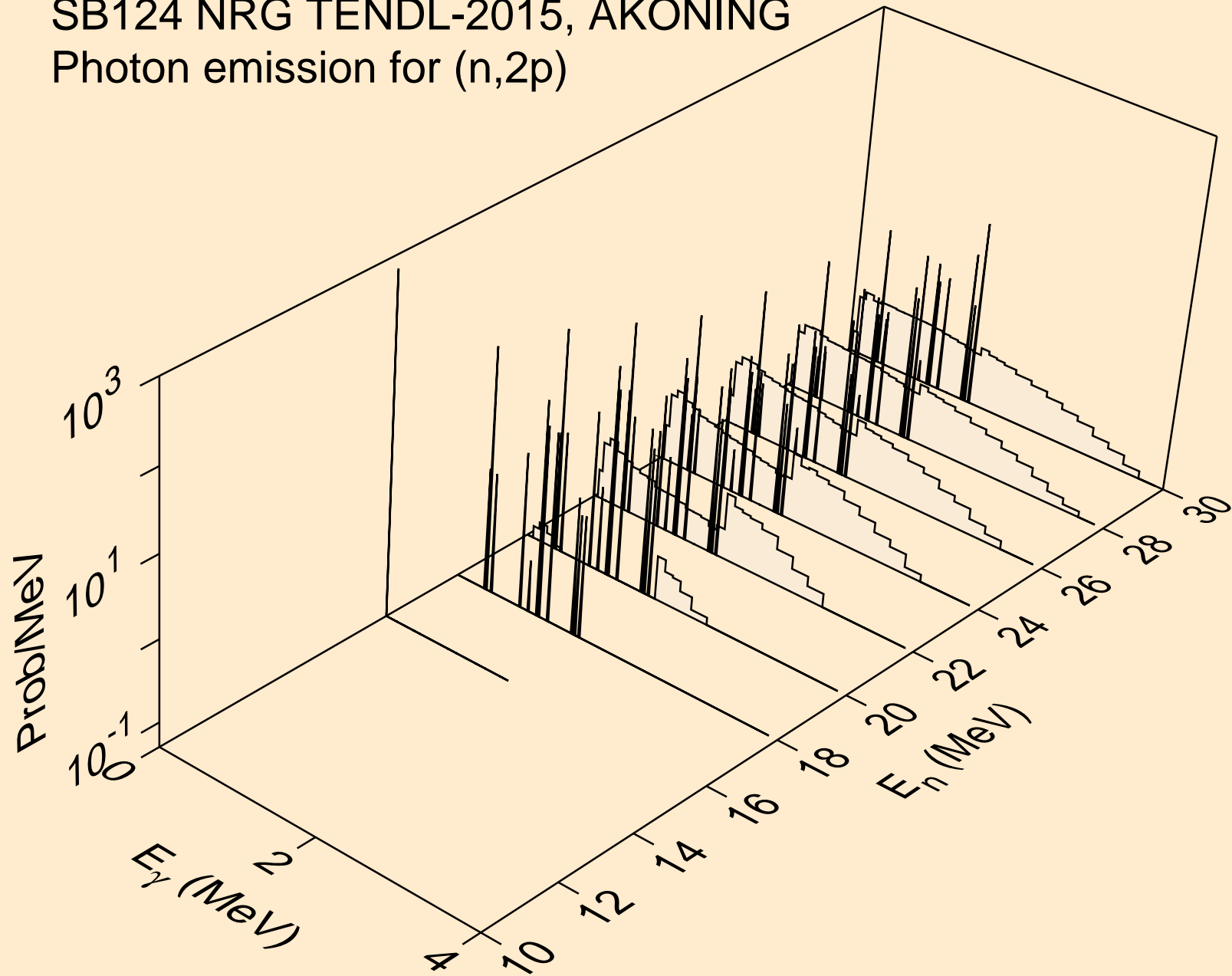
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

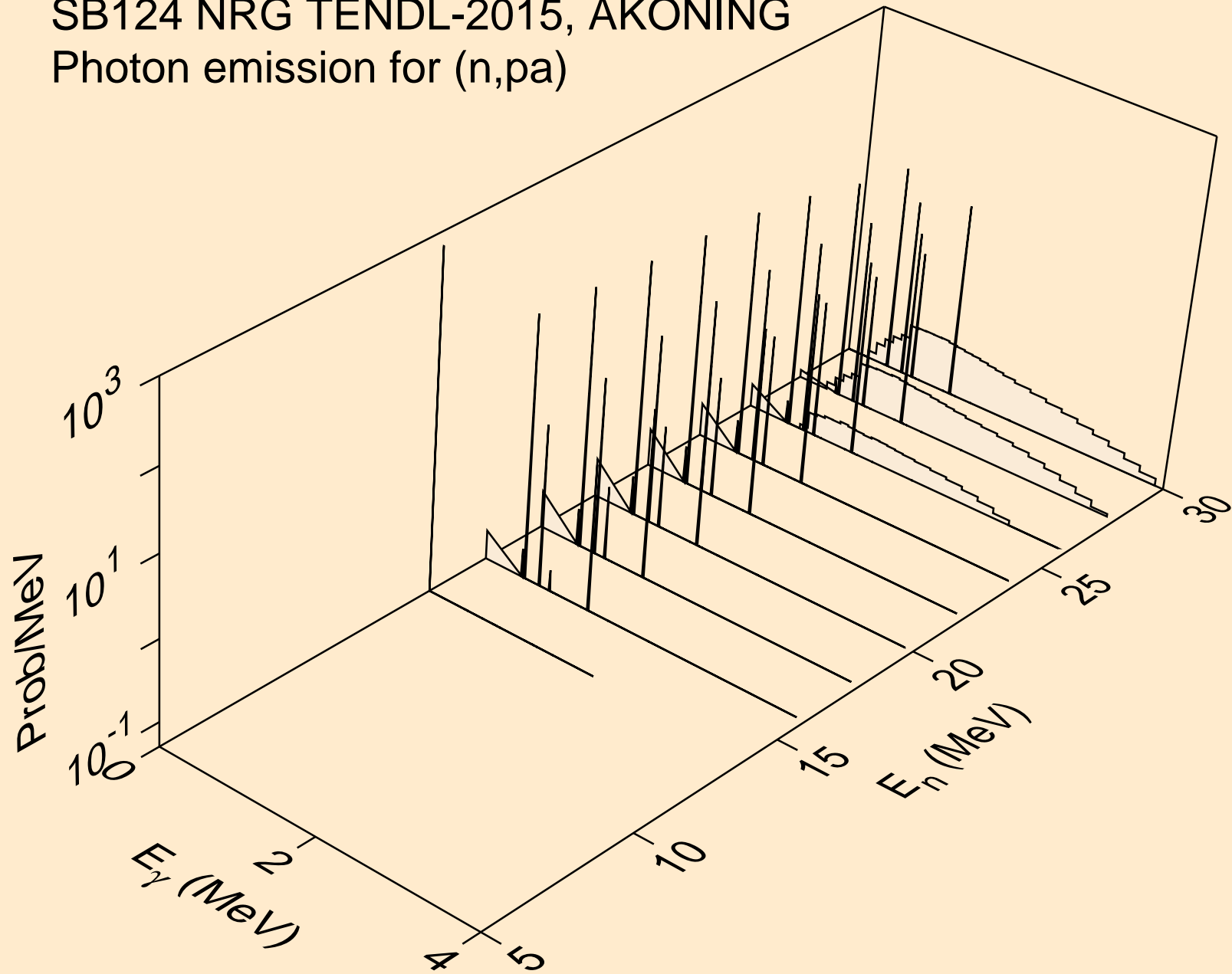


SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

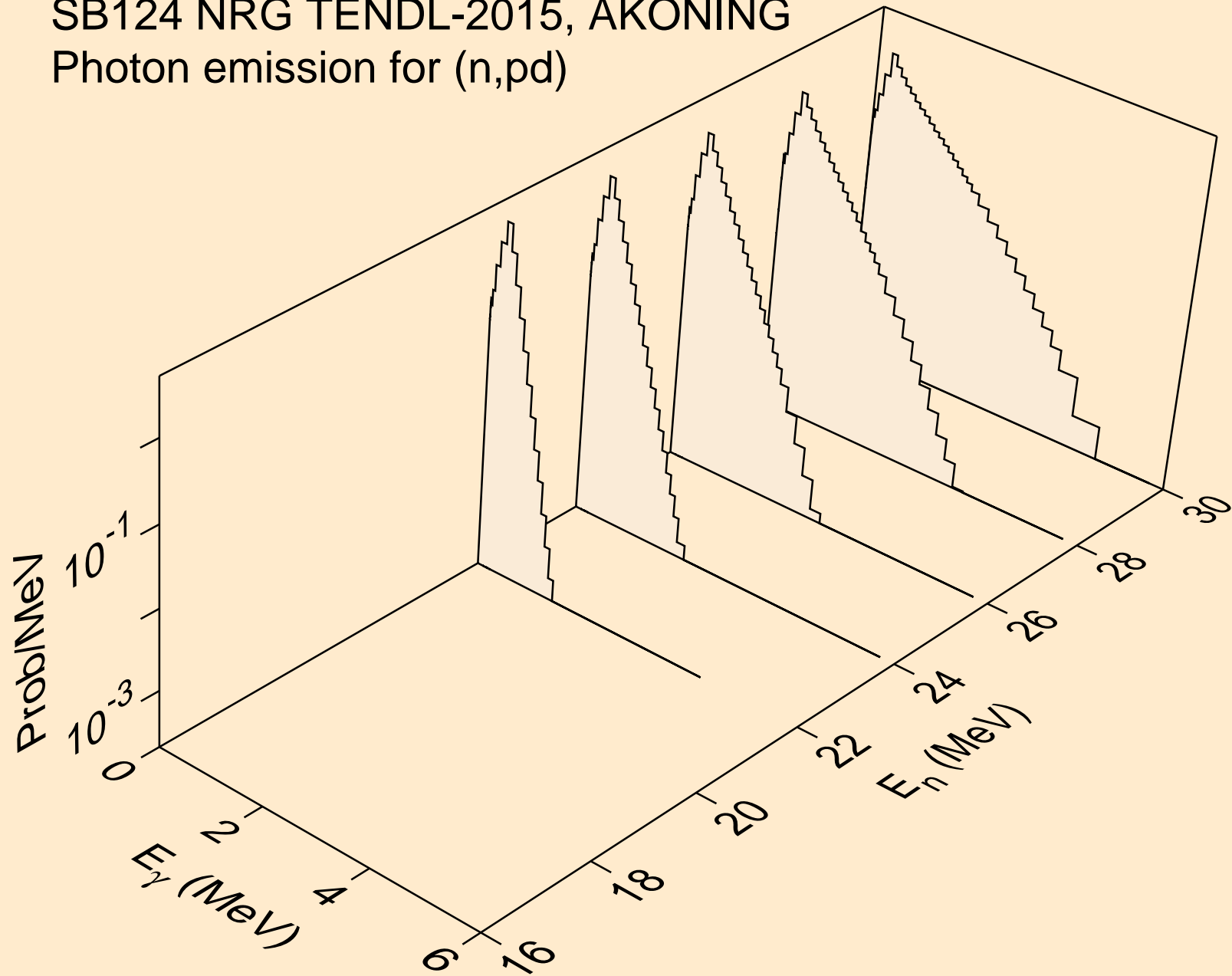




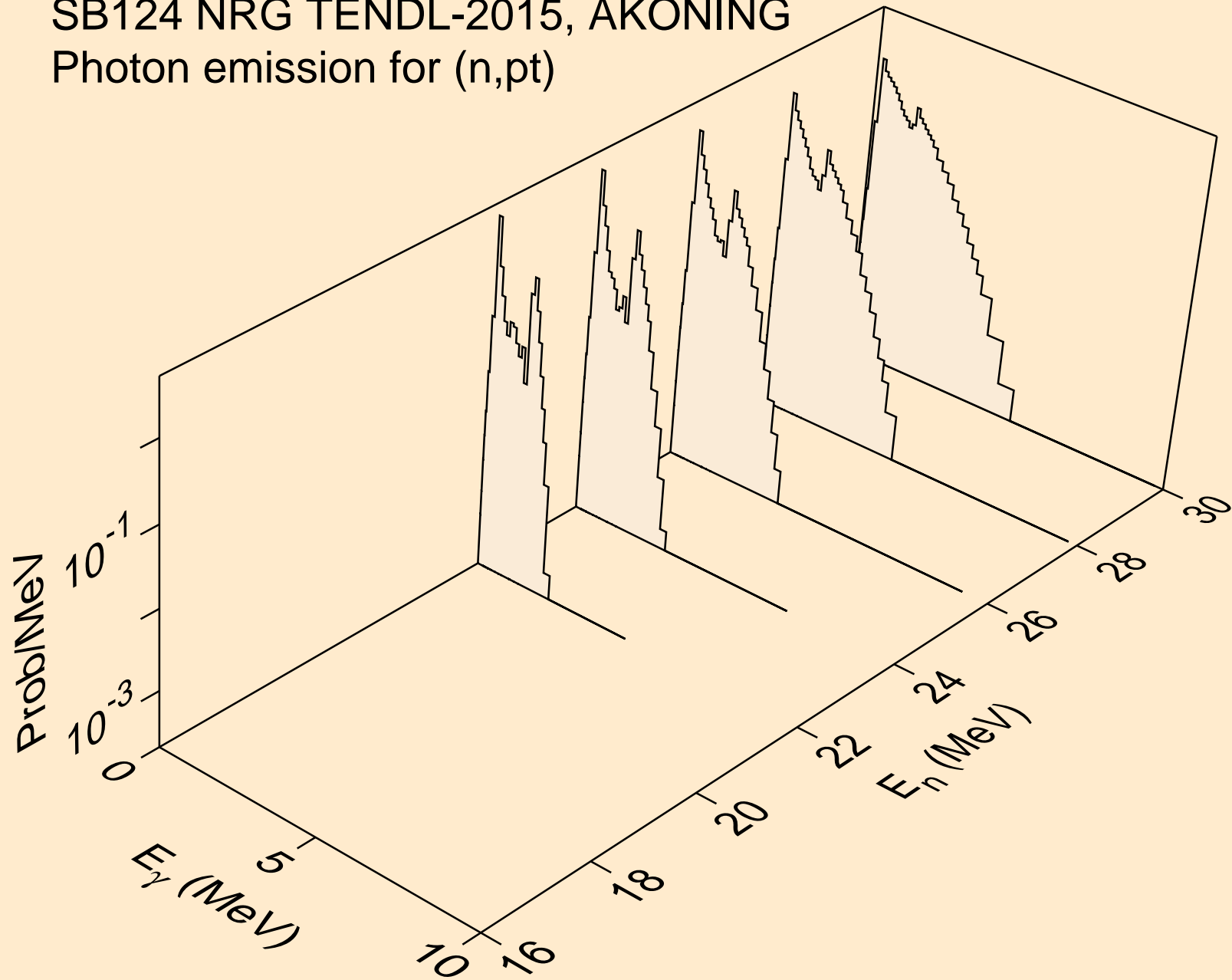
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



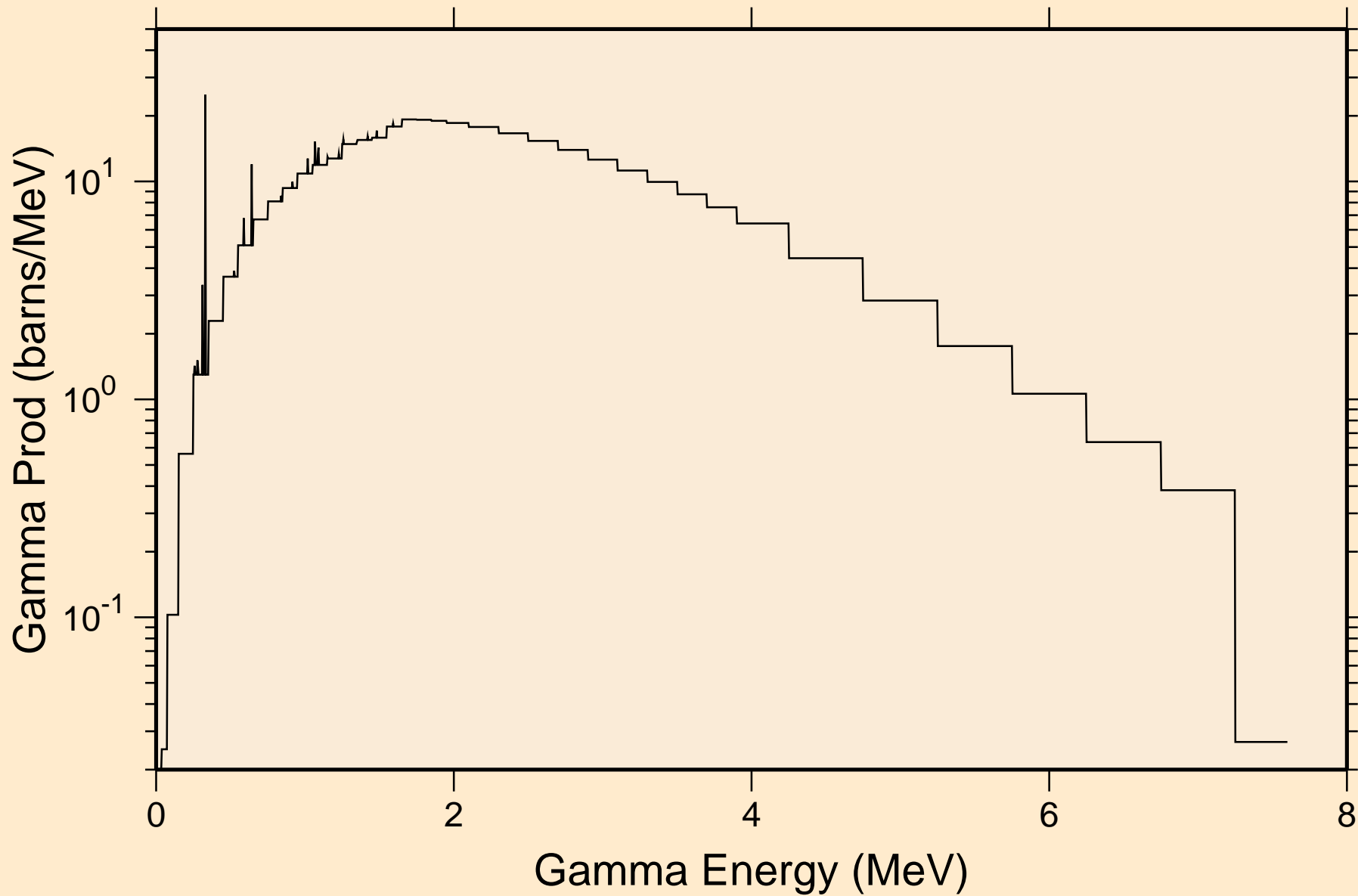
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



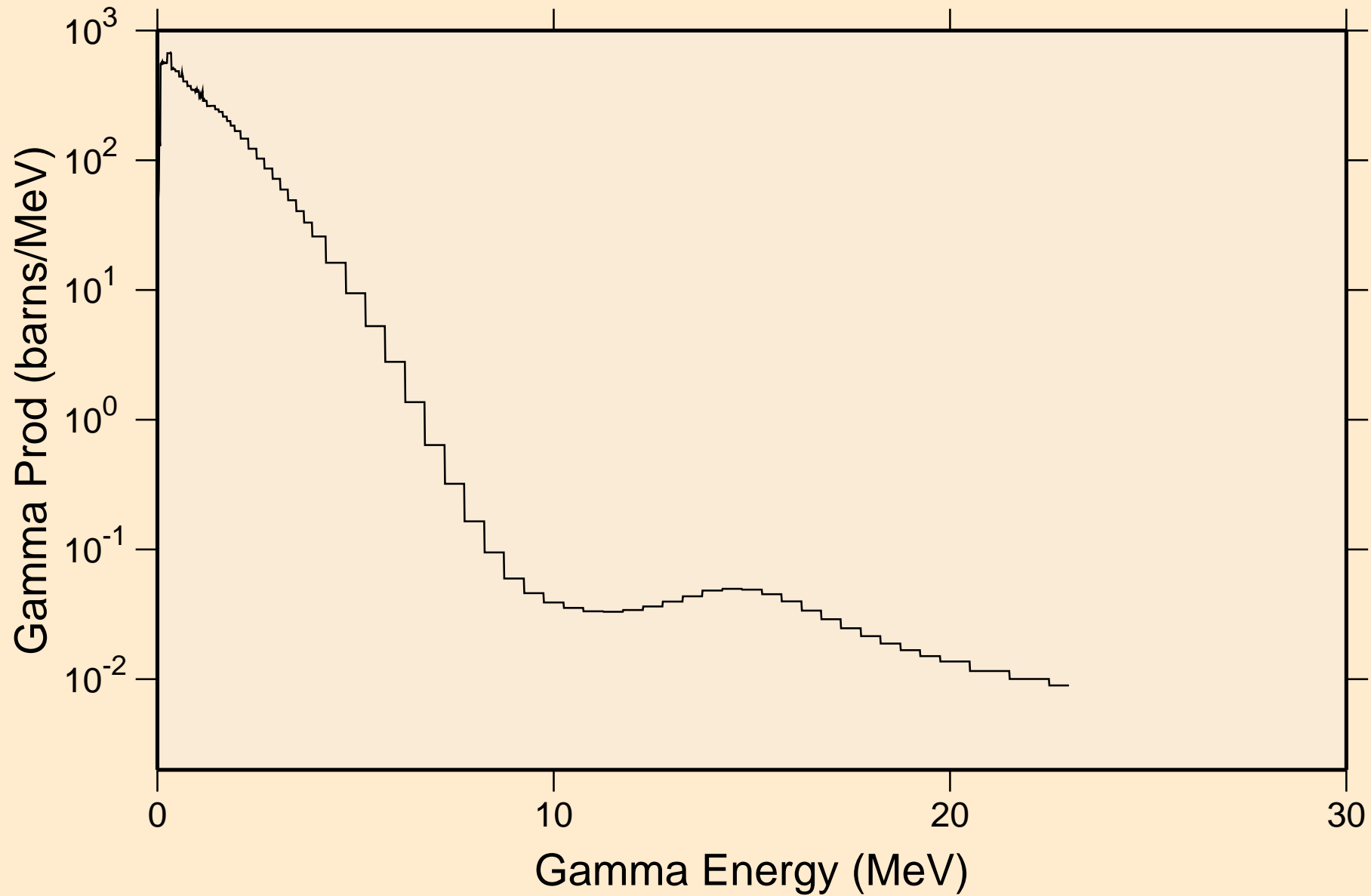
SB124 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



SB124 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

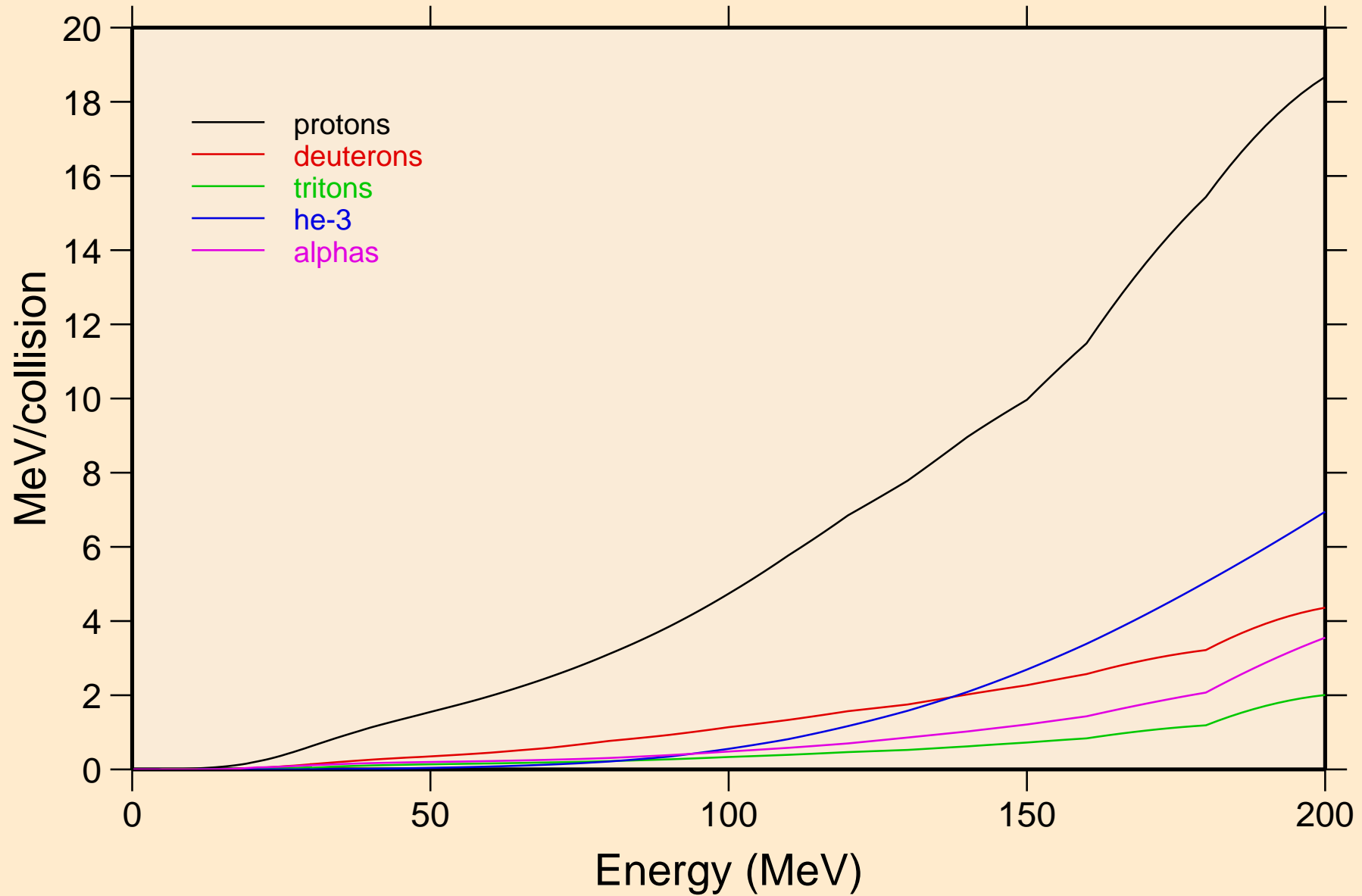


SB124 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



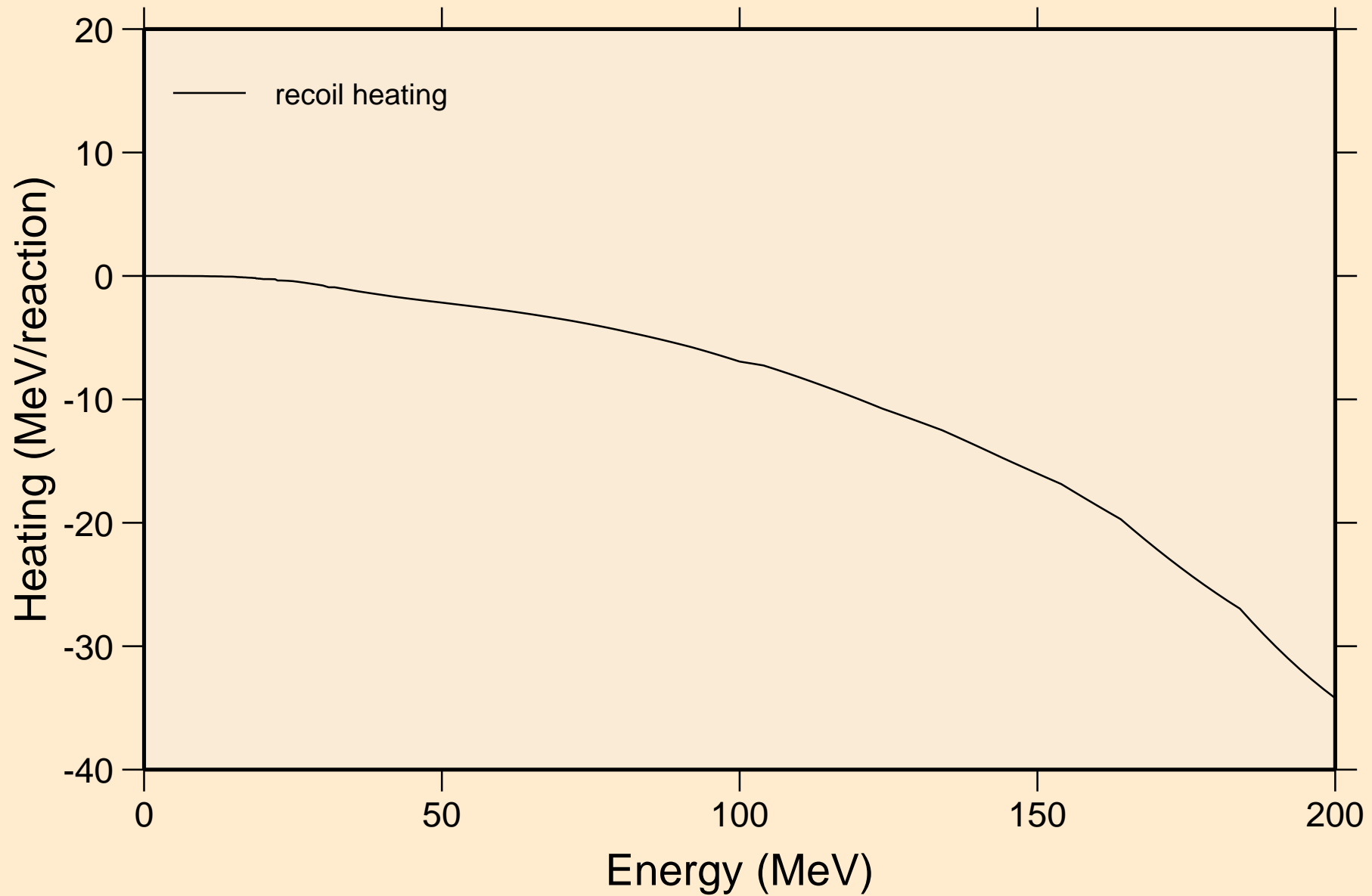
# SB124 NRG TENDL-2015, AKONING

## Particle heating contributions



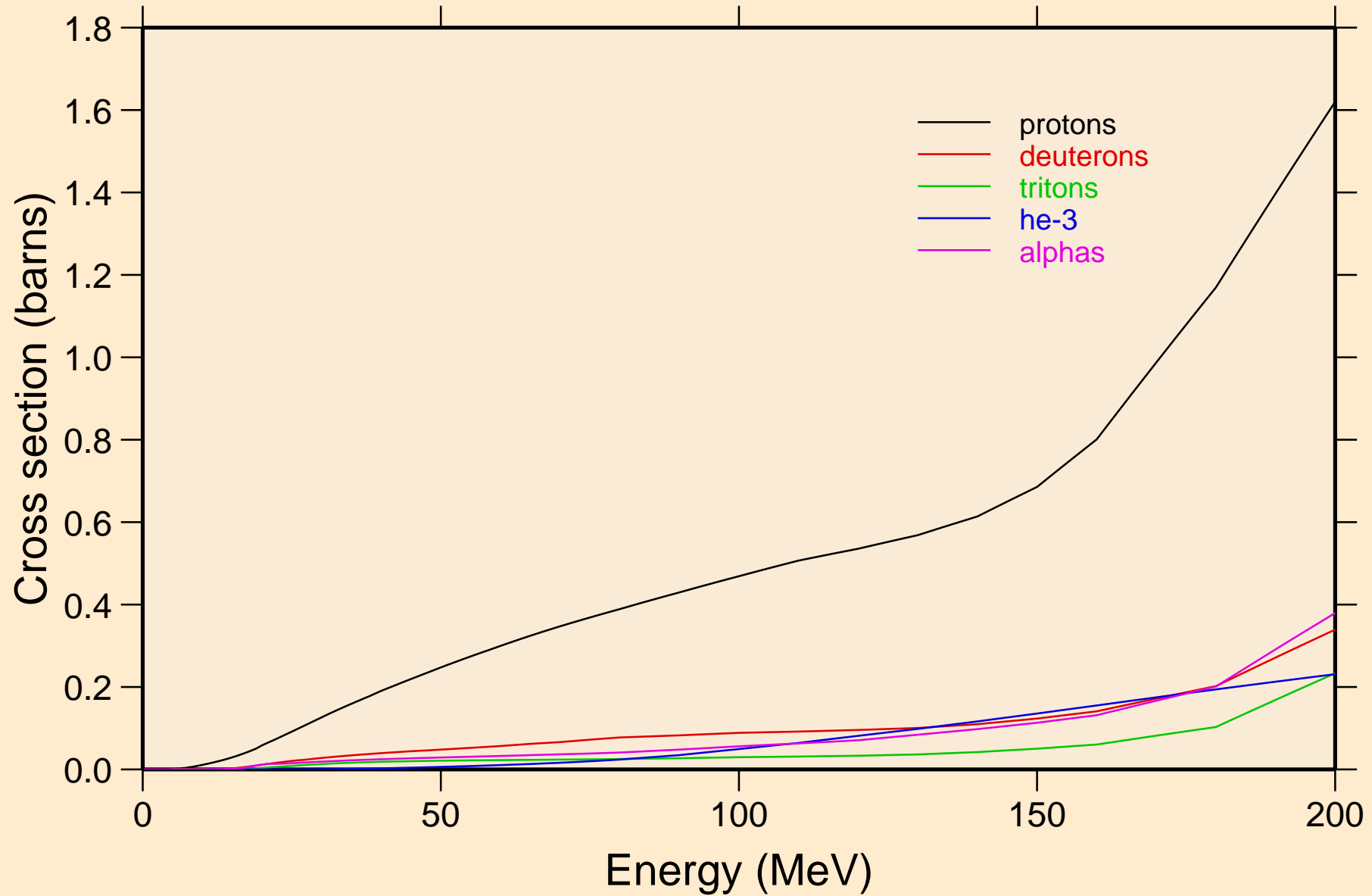
# SB124 NRG TENDL-2015, AKONING

## Recoil Heating



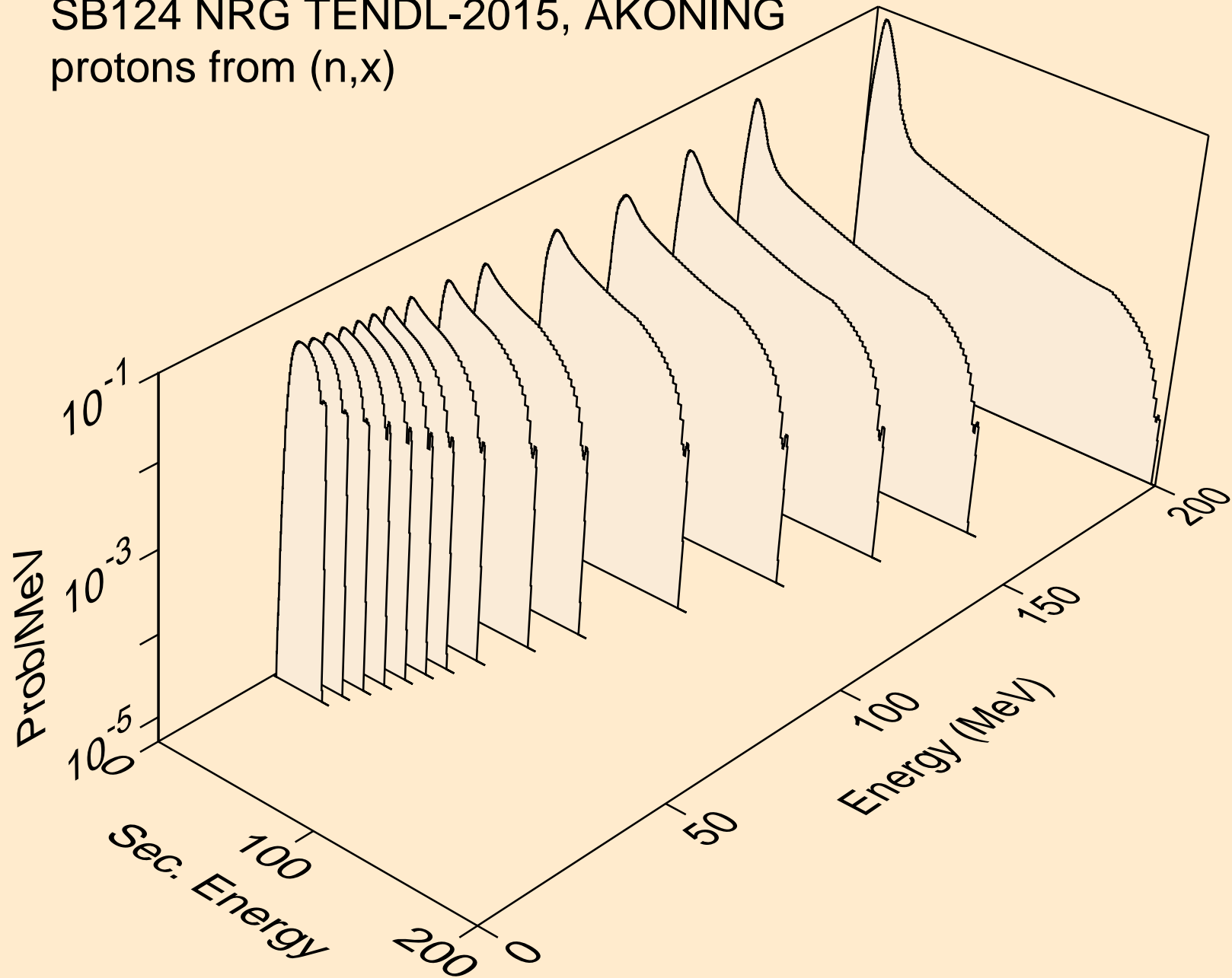
# SB124 NRG TENDL-2015, AKONING

## Particle production cross sections

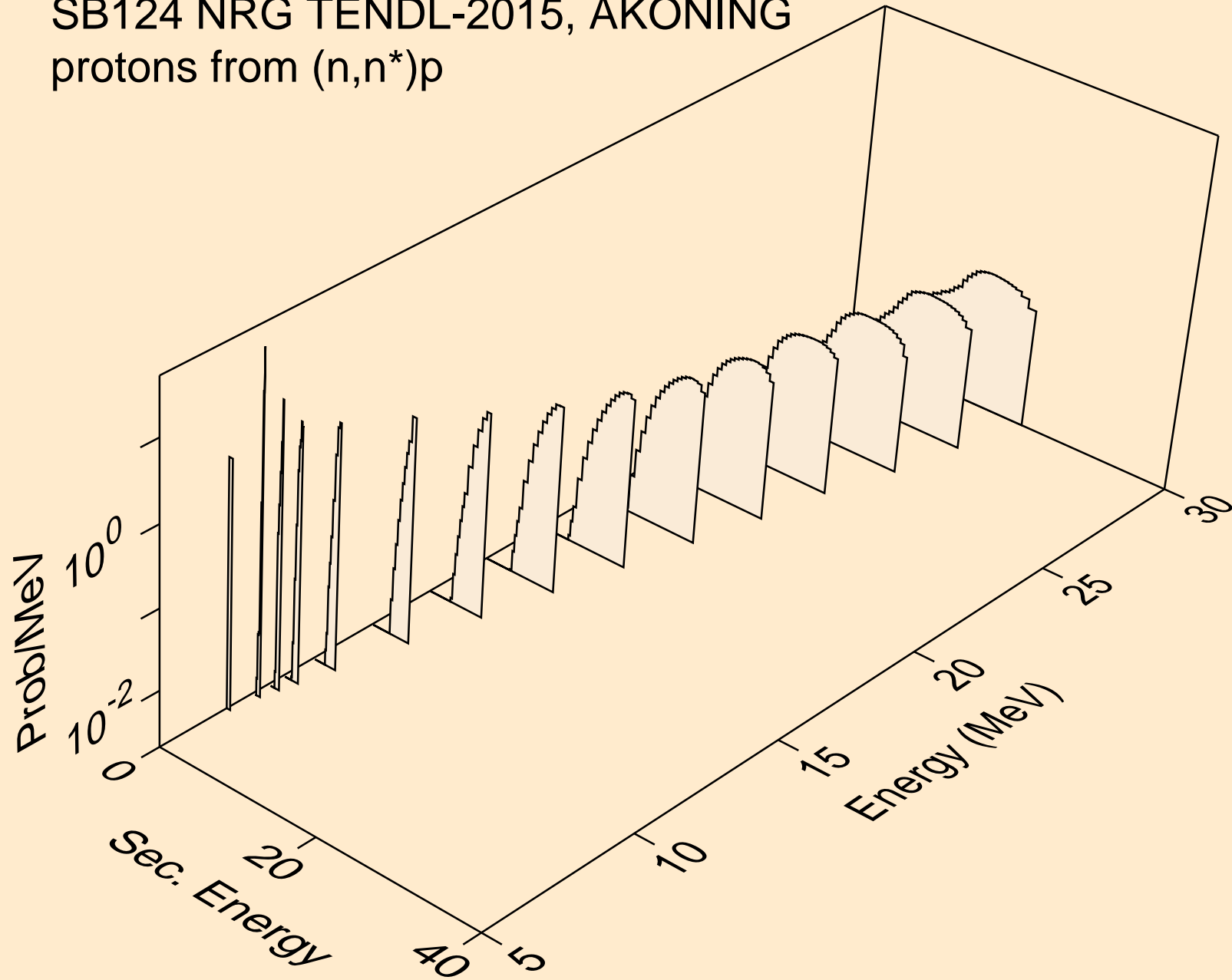




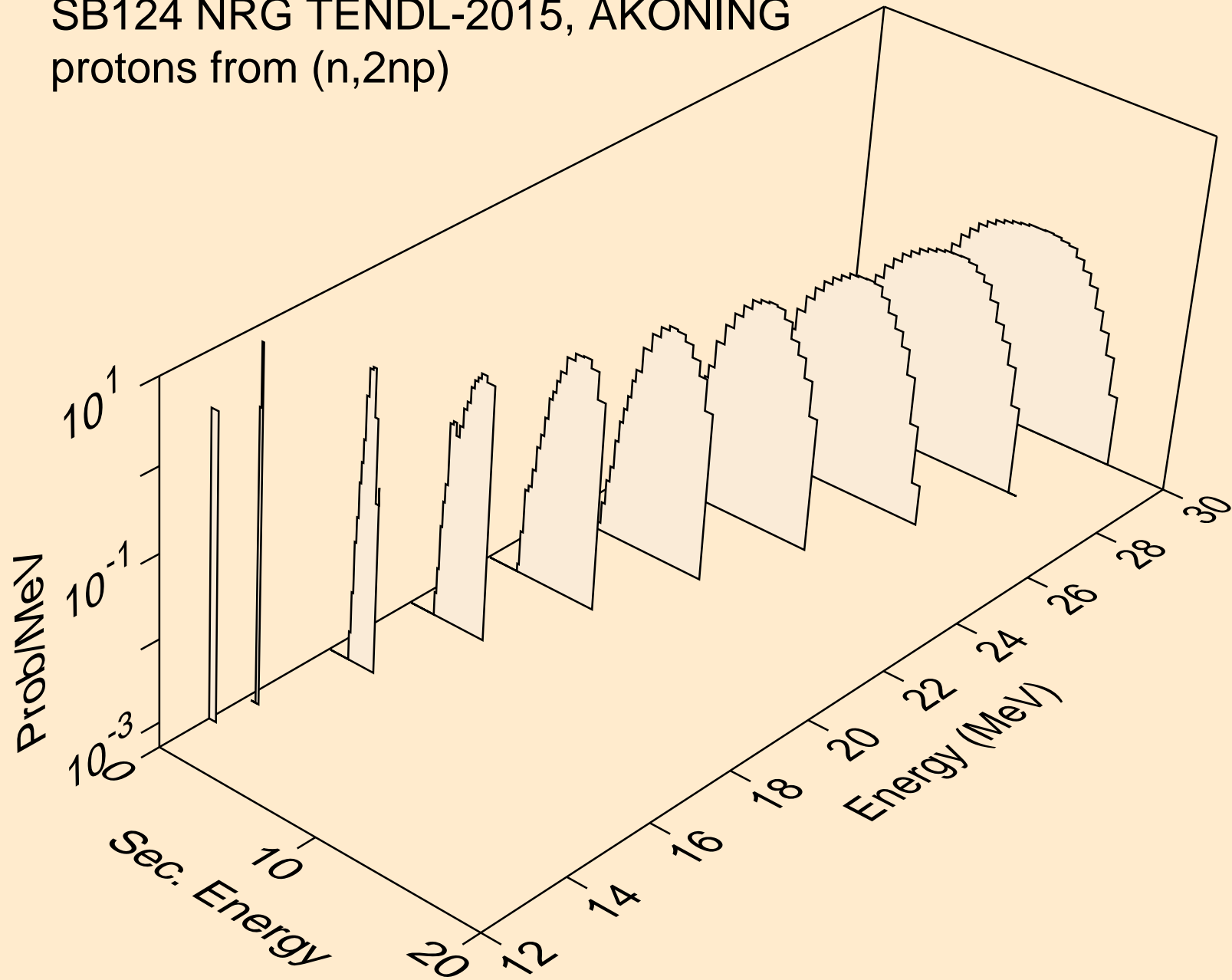
SB124 NRG TENDL-2015, AKONING  
protons from (n,x)



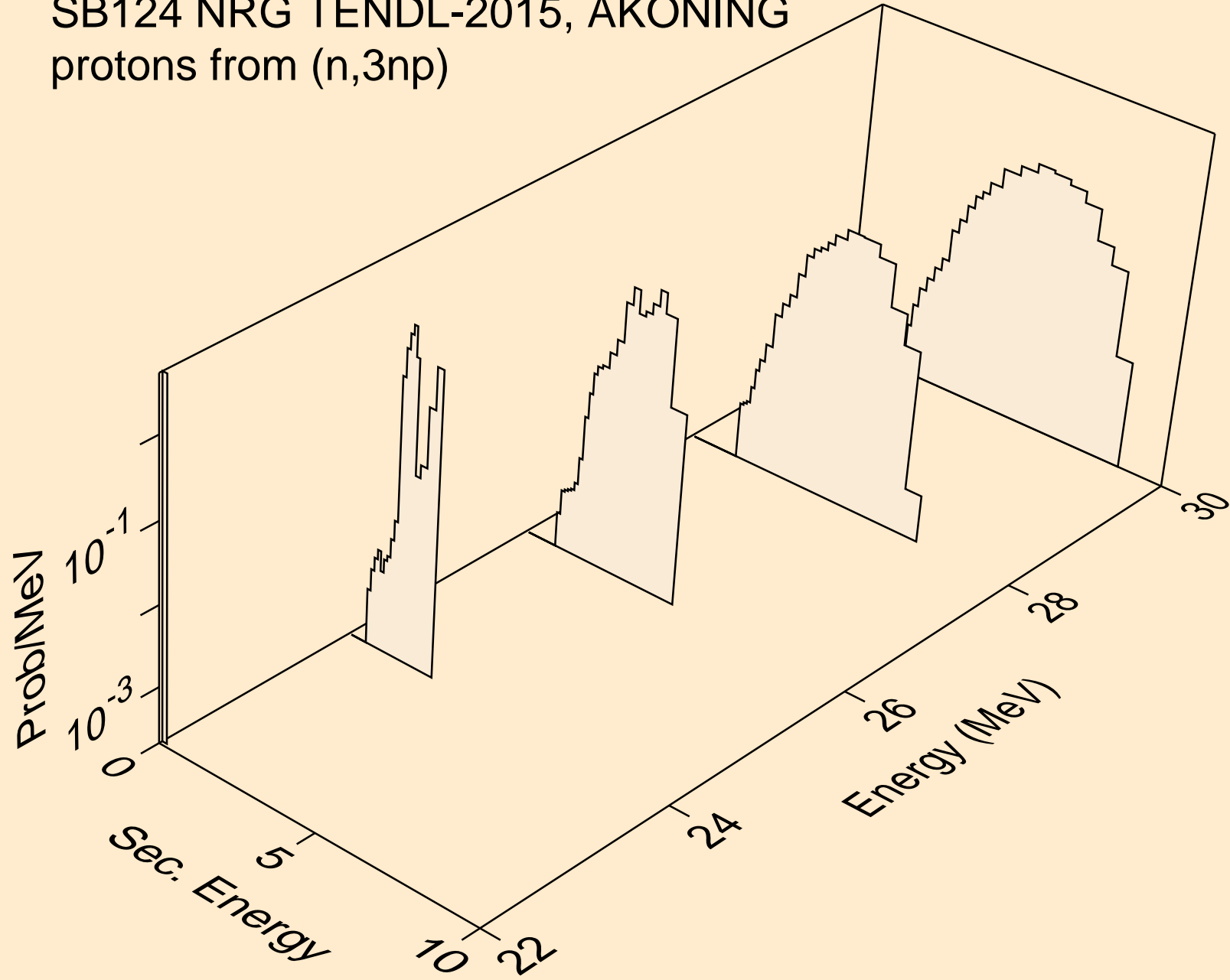
SB124 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



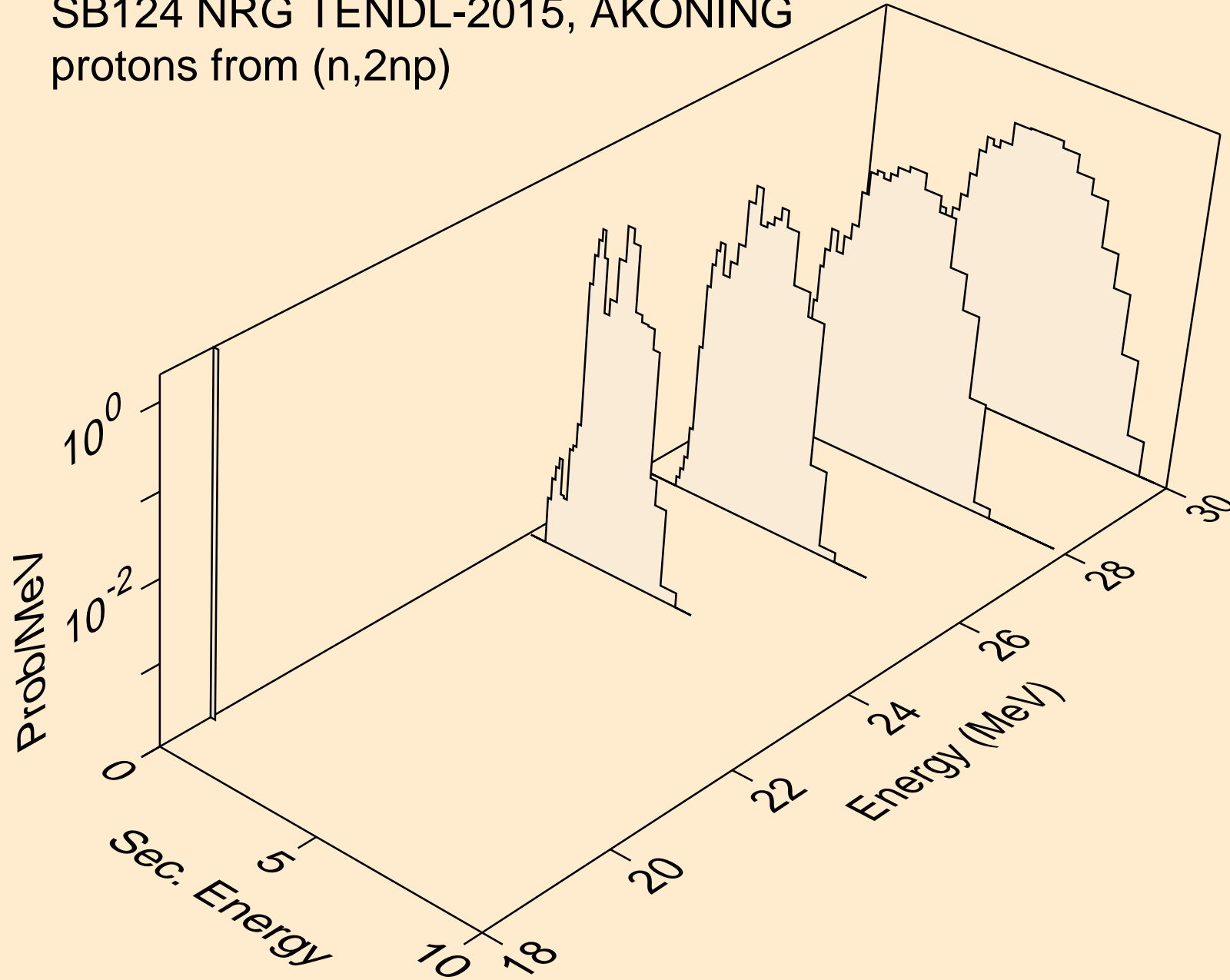
SB124 NRG TENDL-2015, AKONING  
protons from (n,2np)



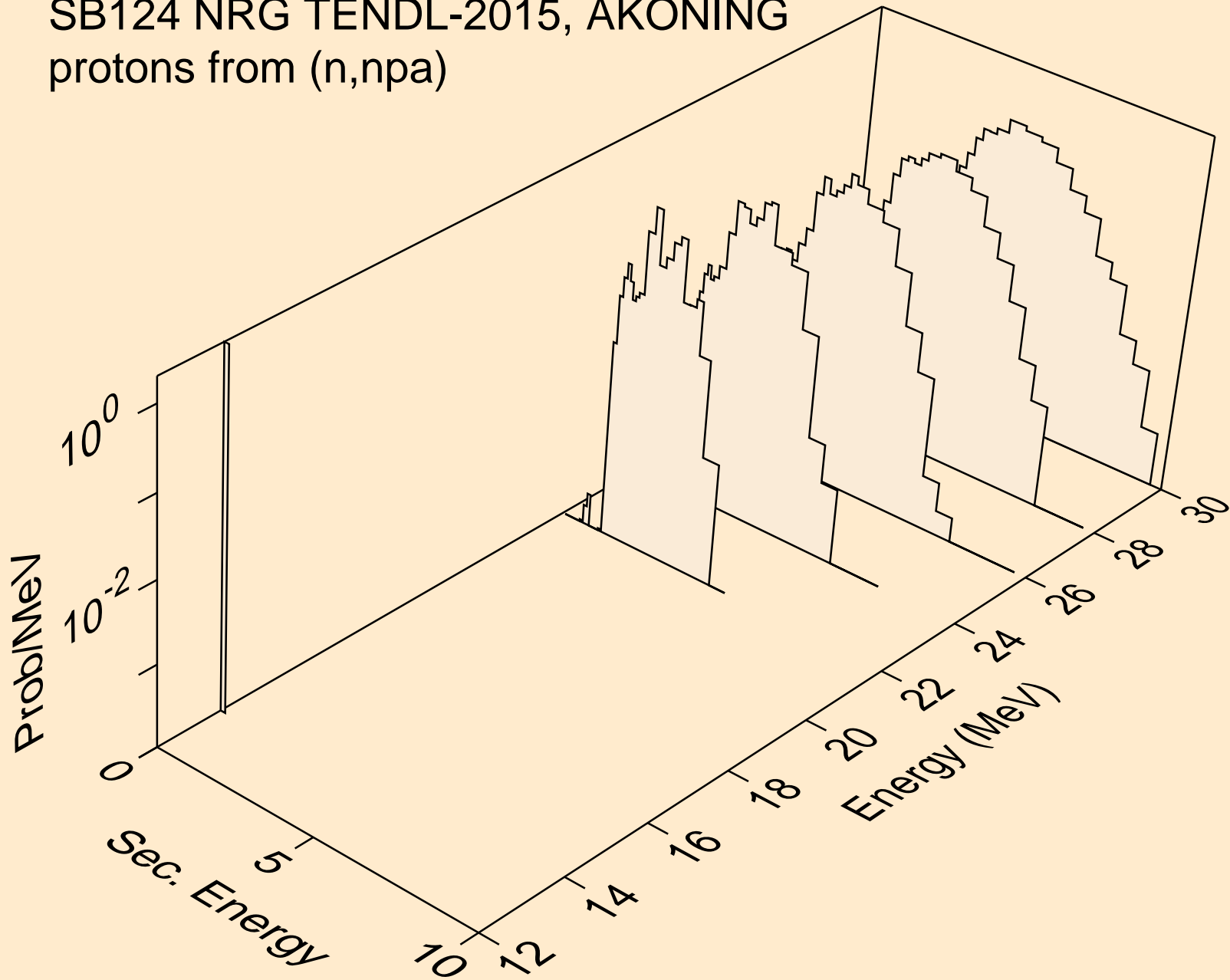
SB124 NRG TENDL-2015, AKONING  
protons from (n,3np)



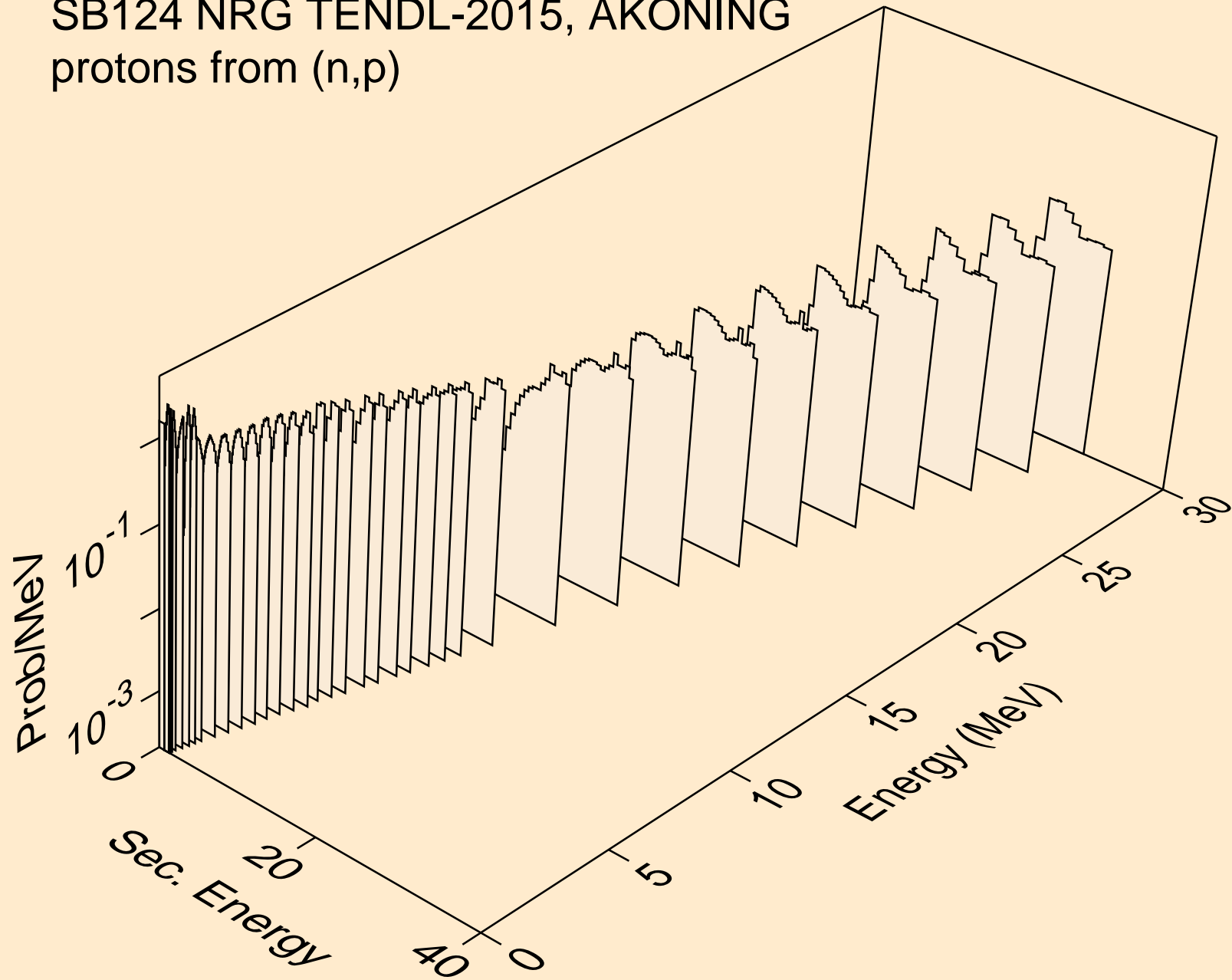
SB124 NRG TENDL-2015, AKONING  
protons from (n,2np)



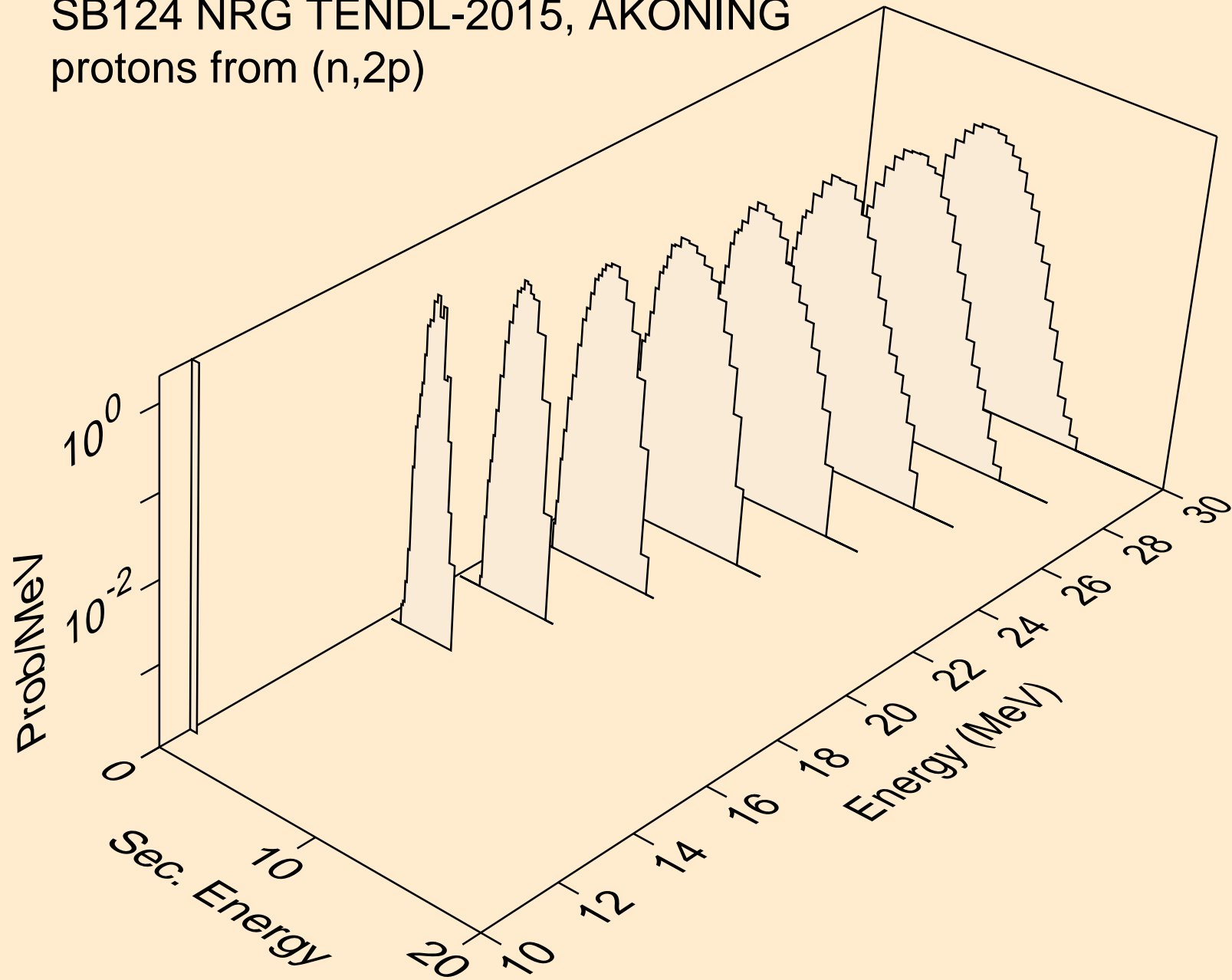
SB124 NRG TENDL-2015, AKONING  
protons from (n,npa)



SB124 NRG TENDL-2015, AKONING  
protons from (n,p)

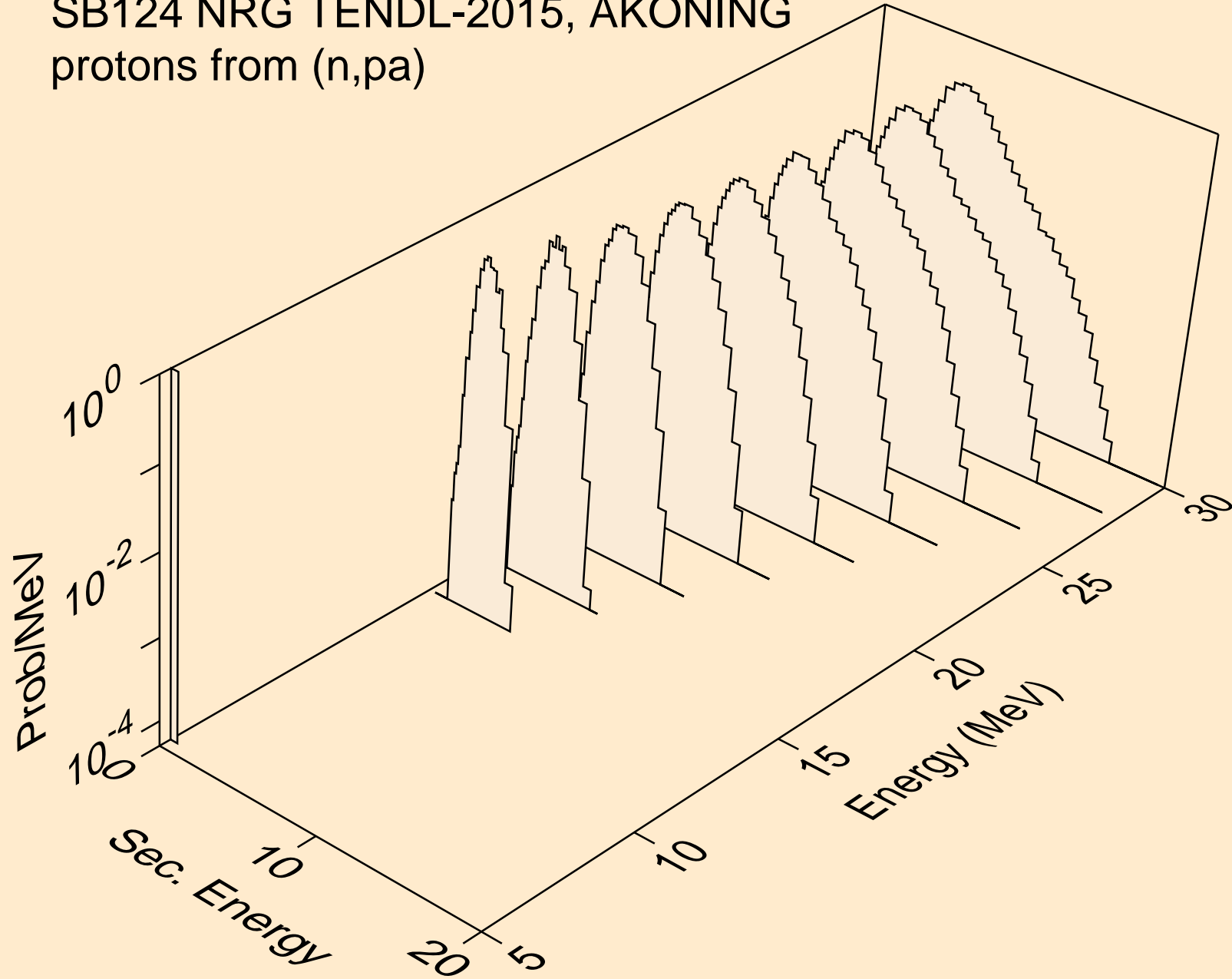


SB124 NRG TENDL-2015, AKONING  
protons from (n,2p)

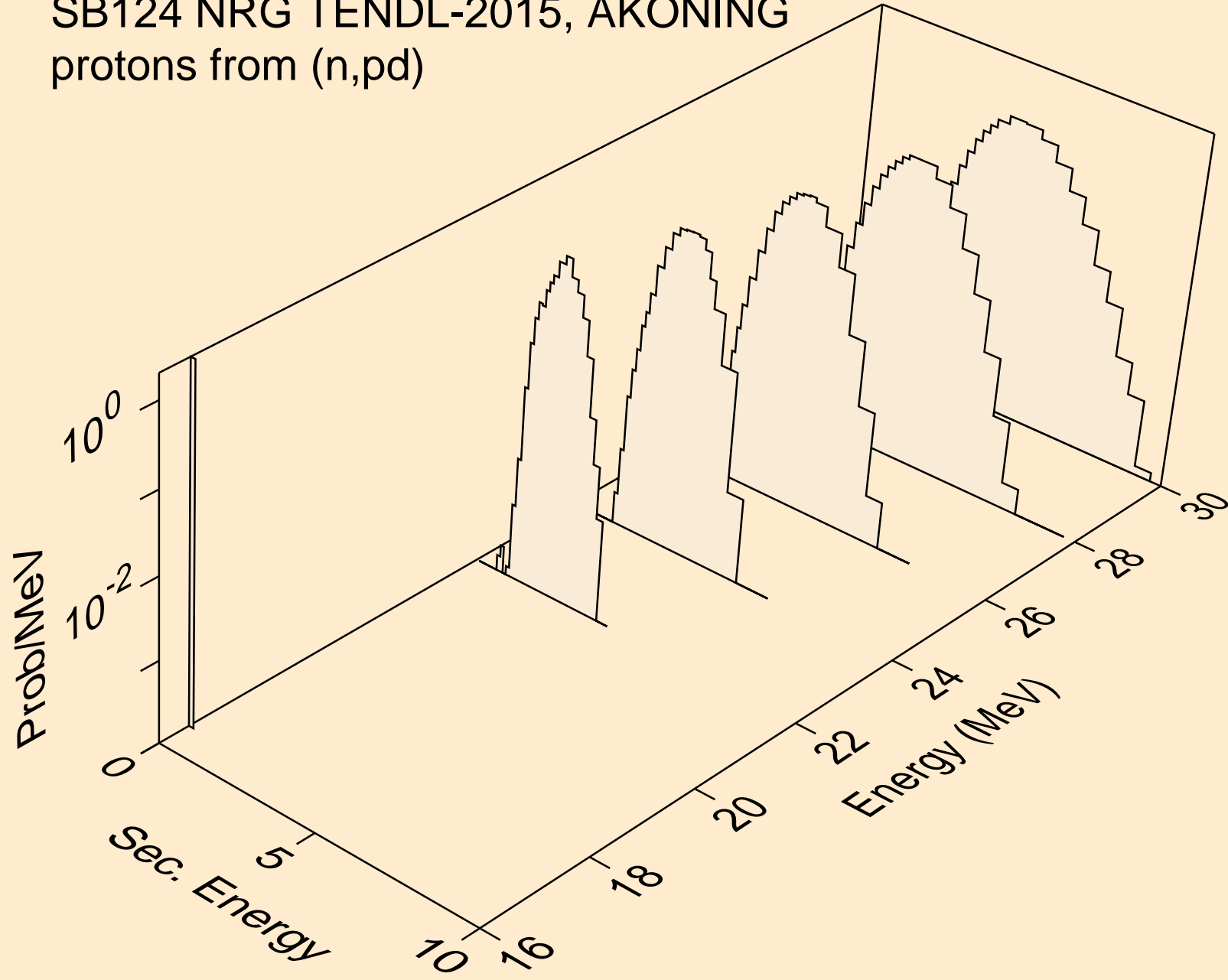




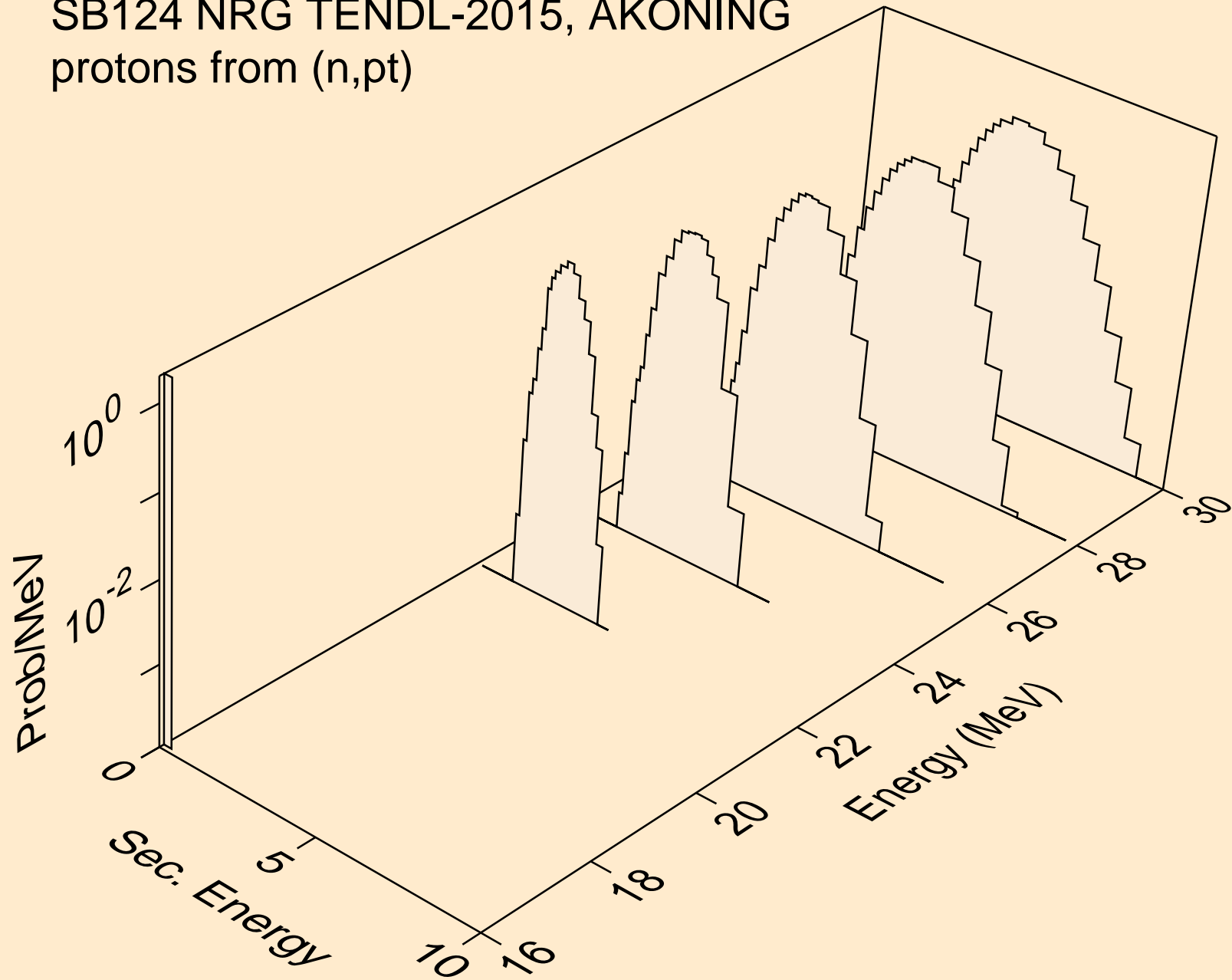
SB124 NRG TENDL-2015, AKONING  
protons from (n,pa)



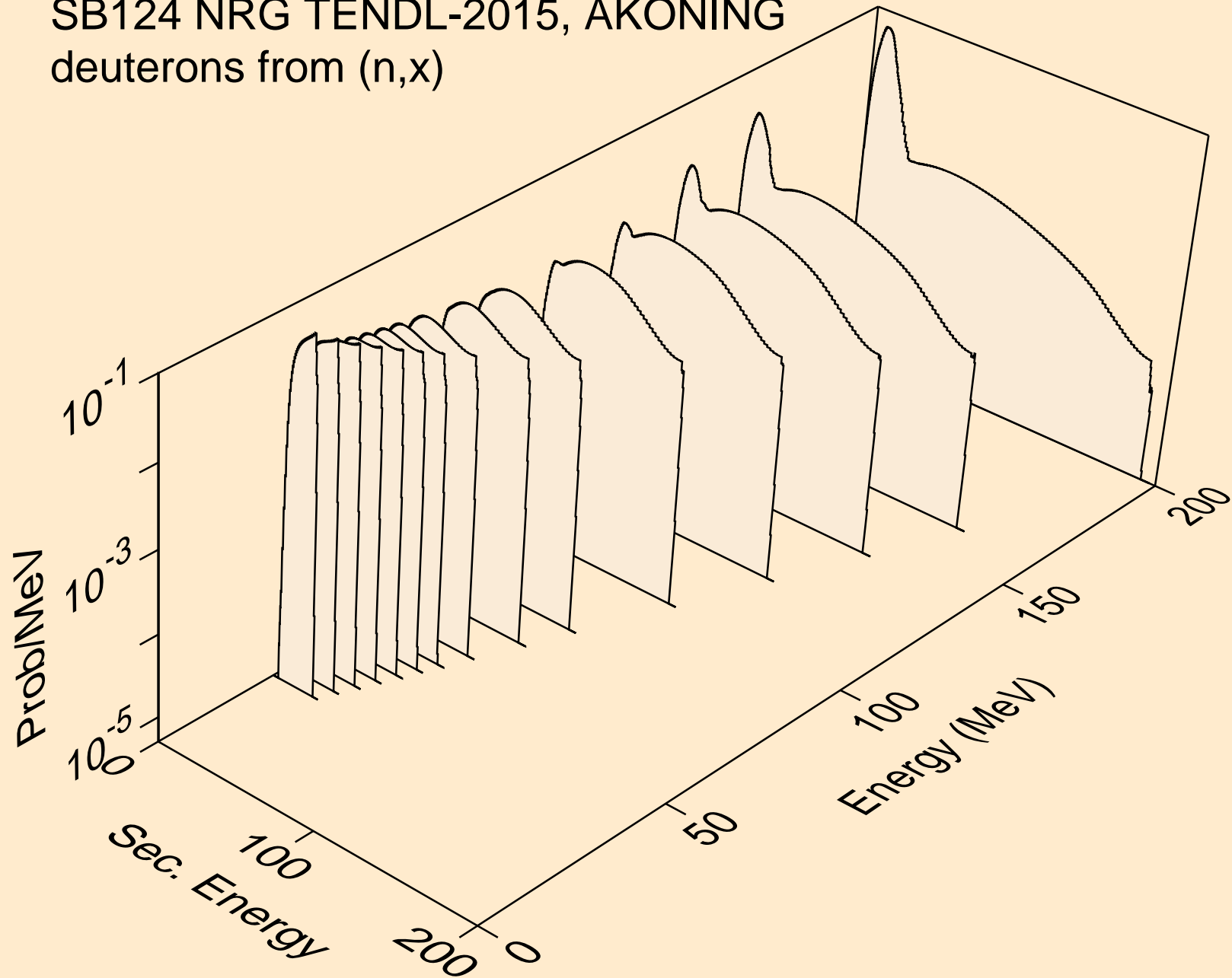
SB124 NRG TENDL-2015, AKONING  
protons from (n,pd)



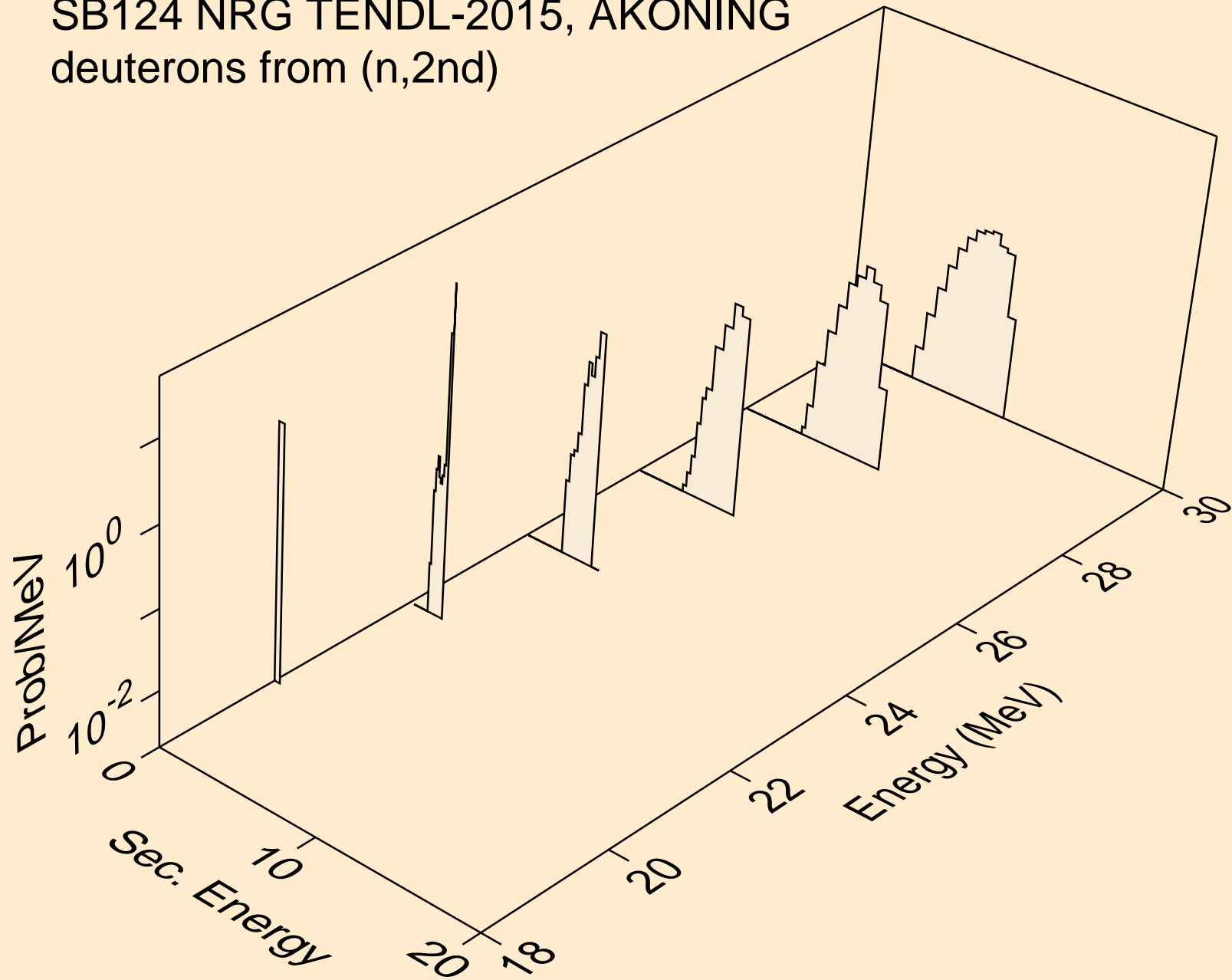
SB124 NRG TENDL-2015, AKONING  
protons from (n,pt)



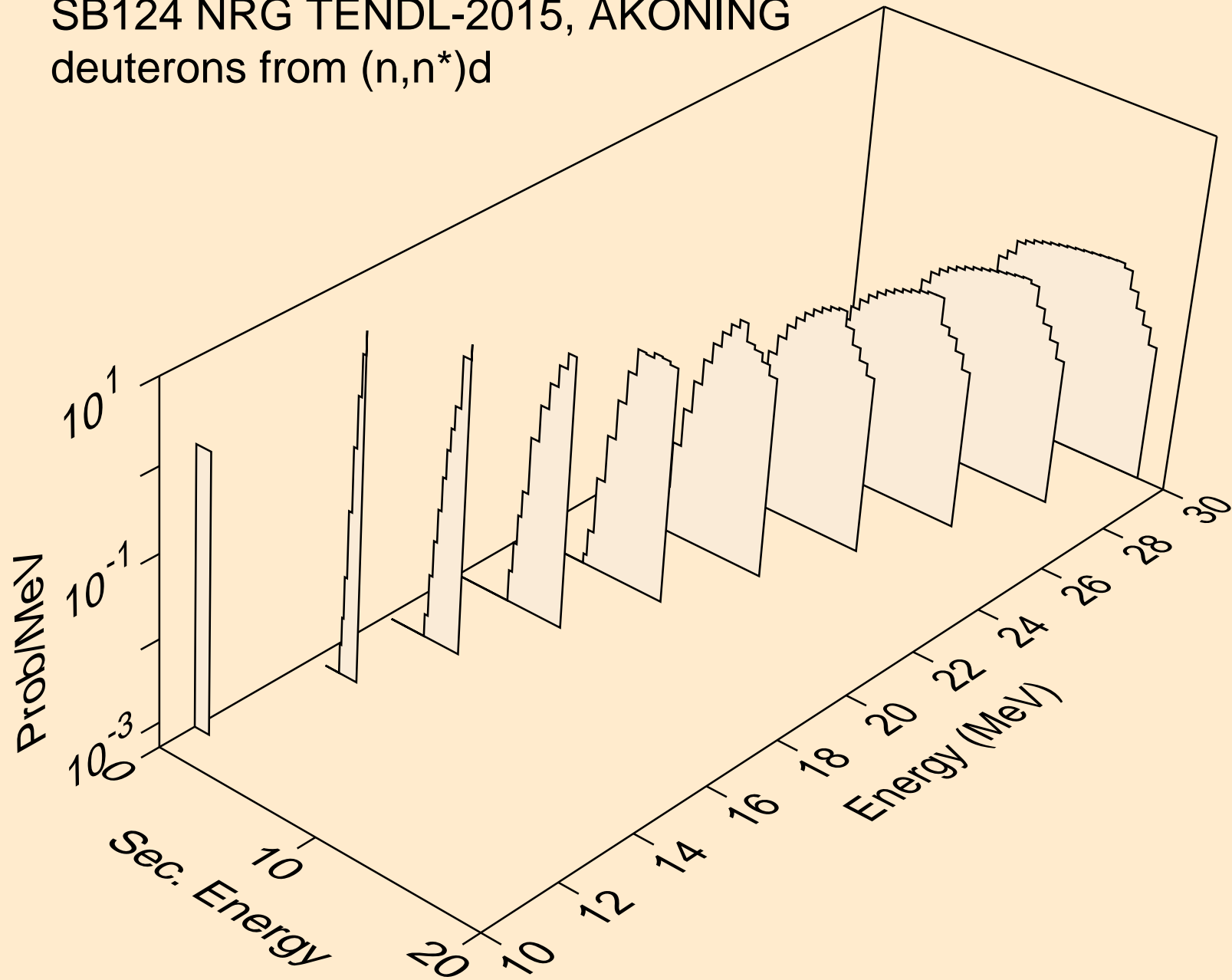
SB124 NRG TENDL-2015, AKONING  
deuterons from (n,x)



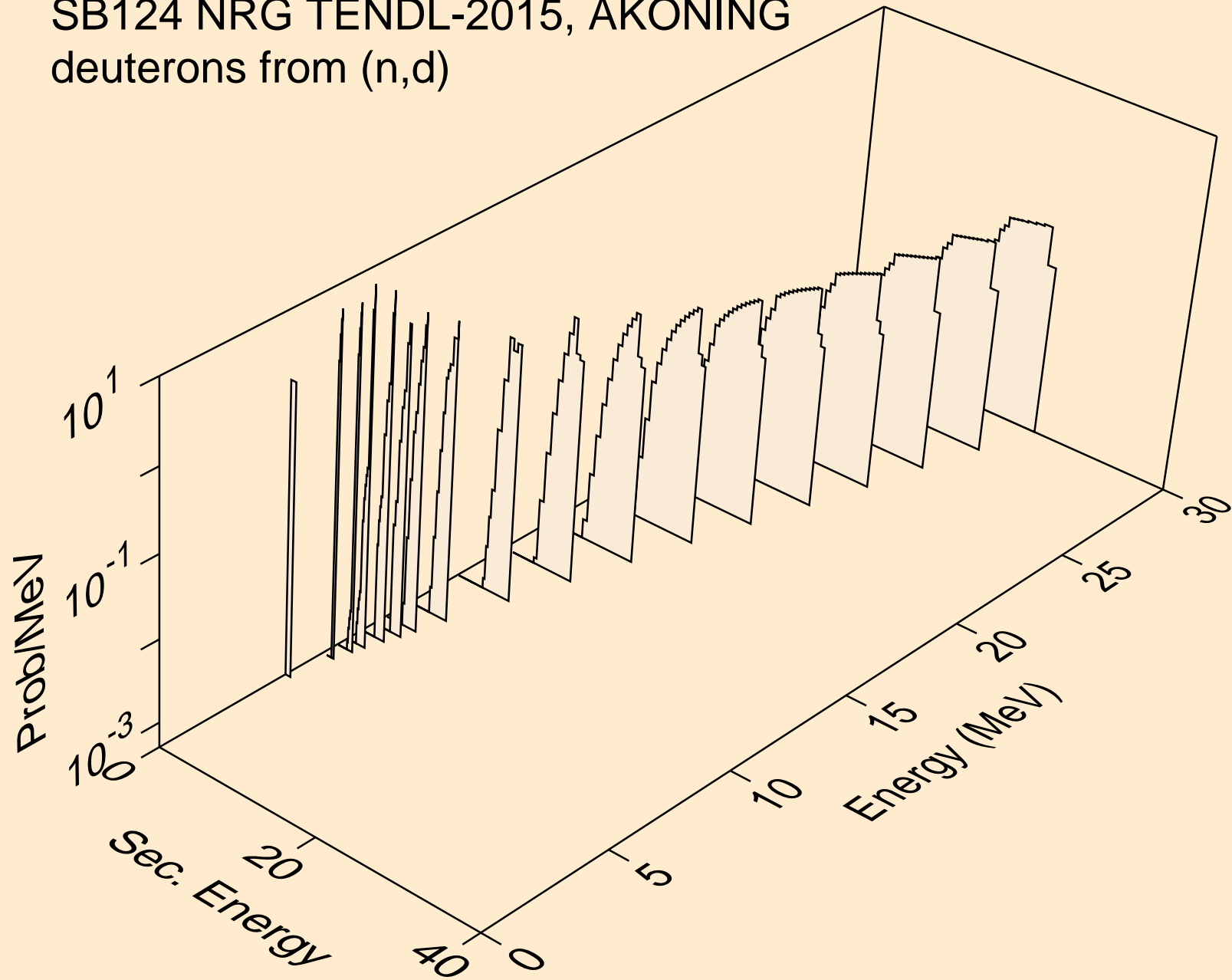
SB124 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



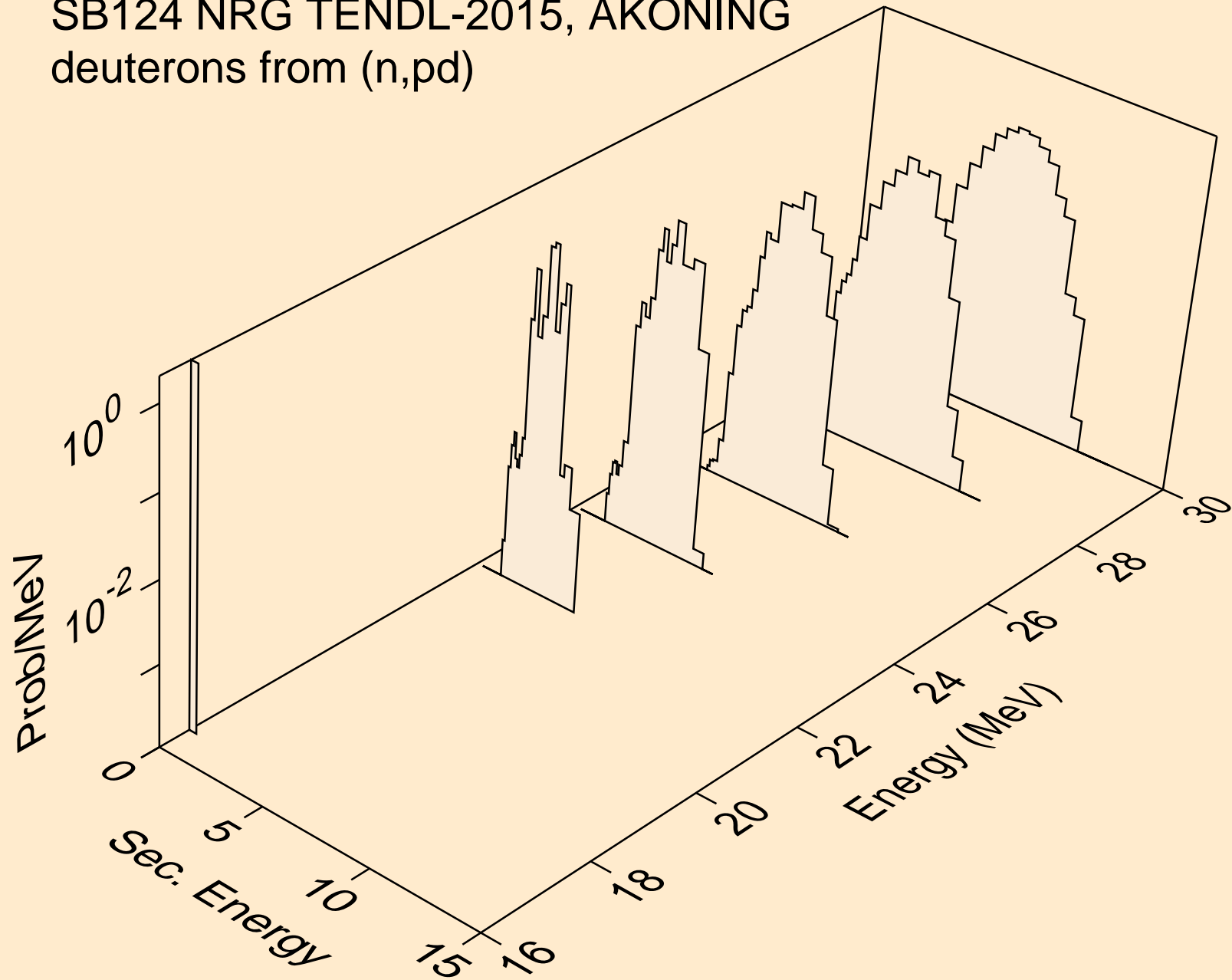
SB124 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



SB124 NRG TENDL-2015, AKONING  
deuterons from (n,d)

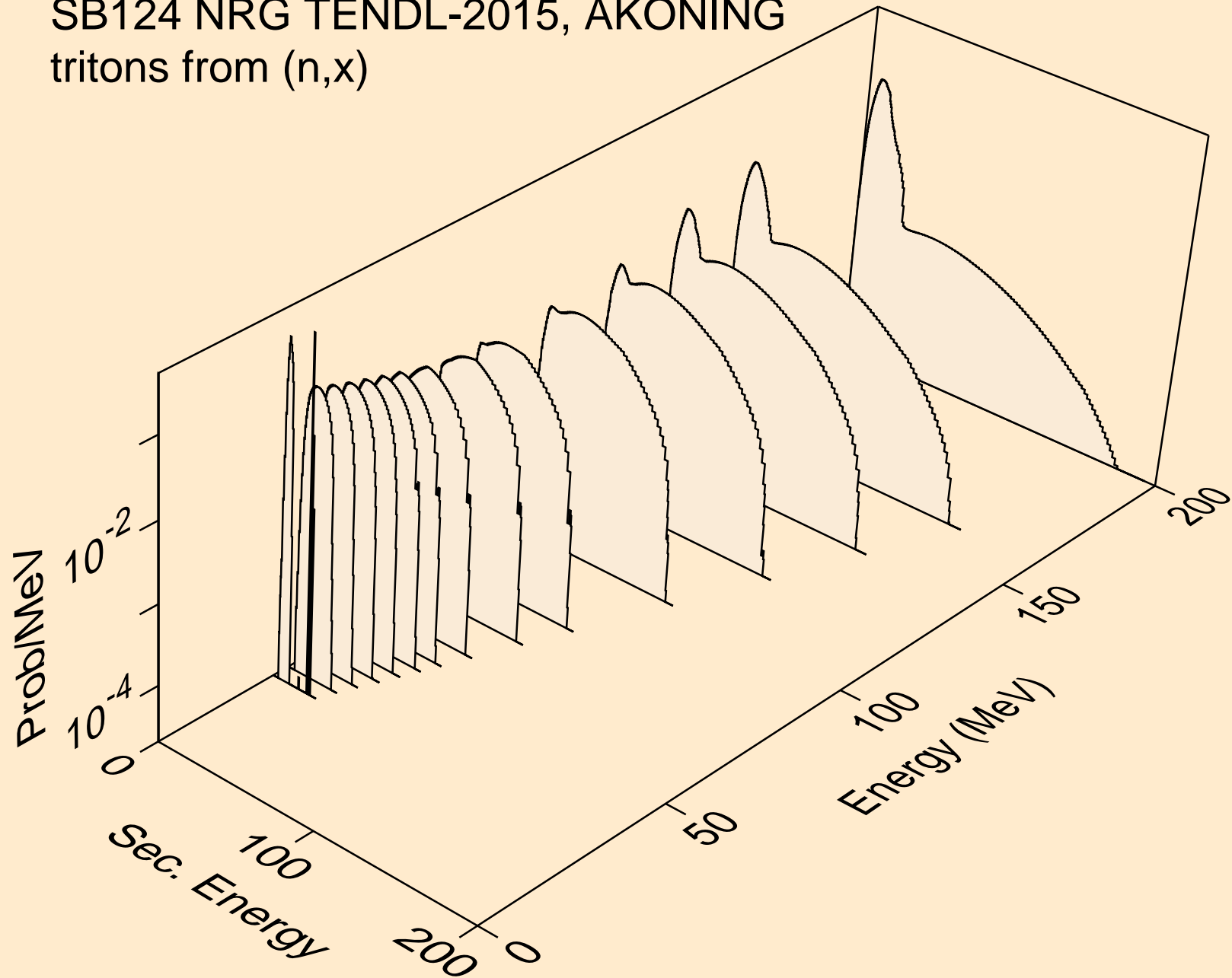


SB124 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

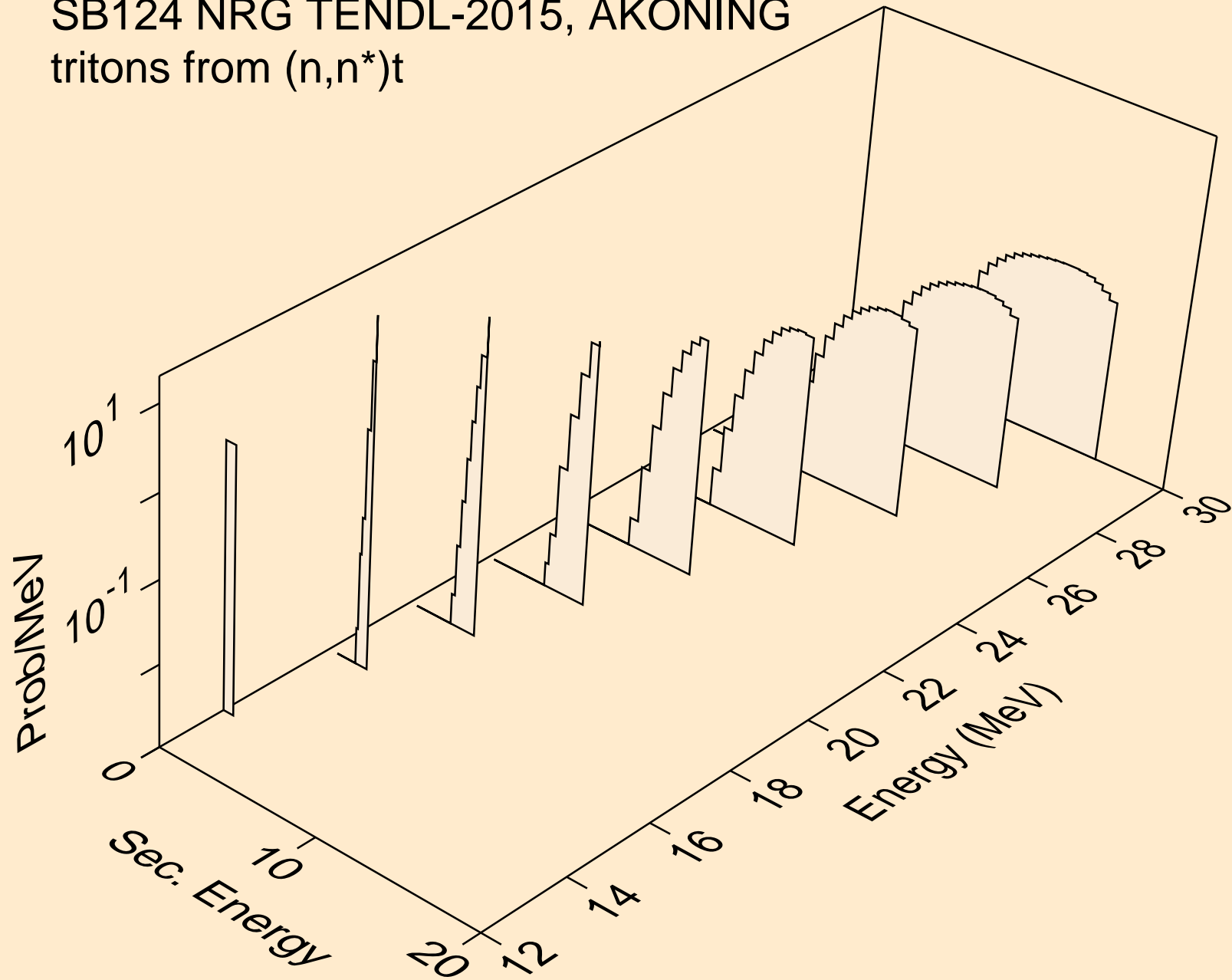




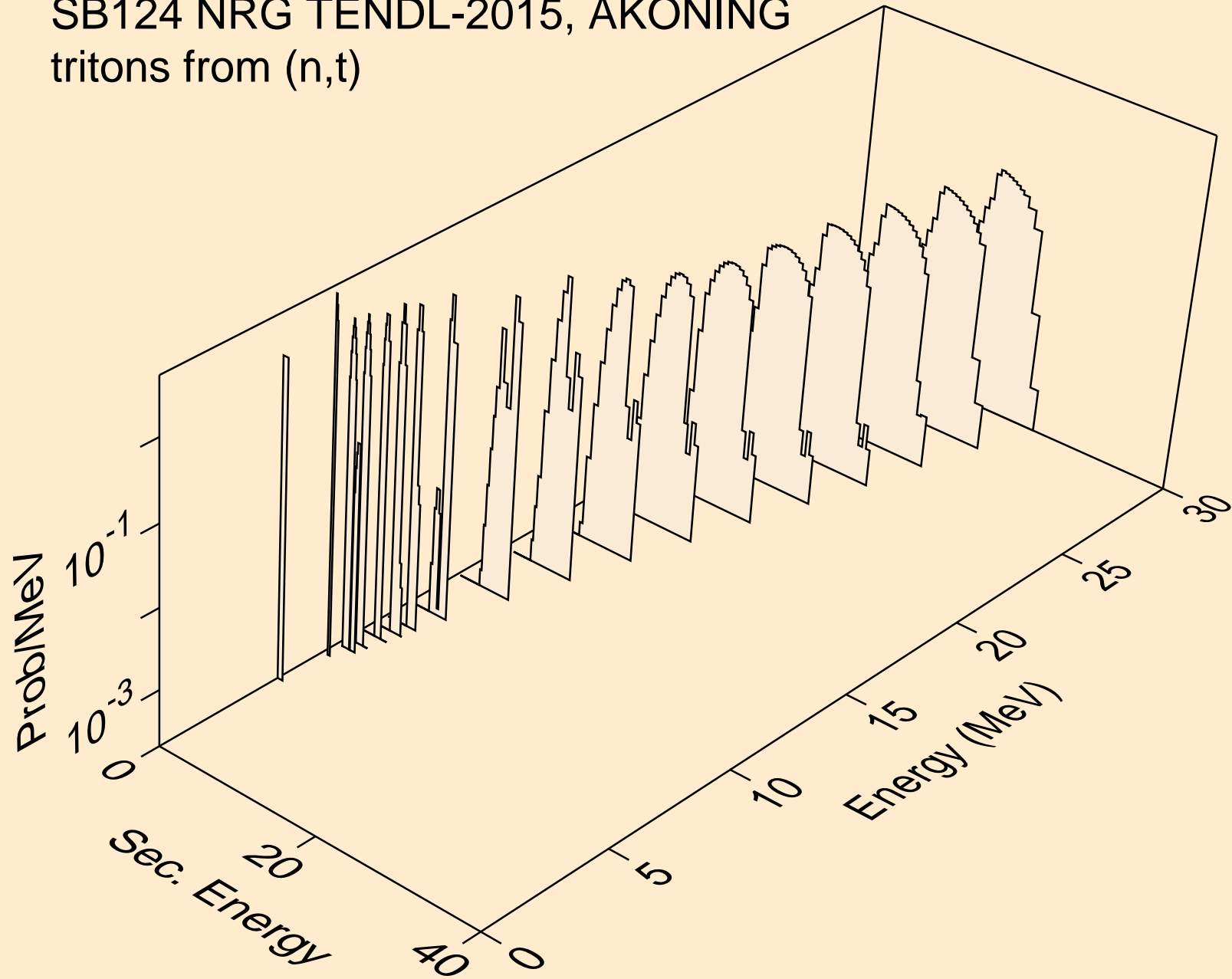
SB124 NRG TENDL-2015, AKONING  
tritons from (n,x)



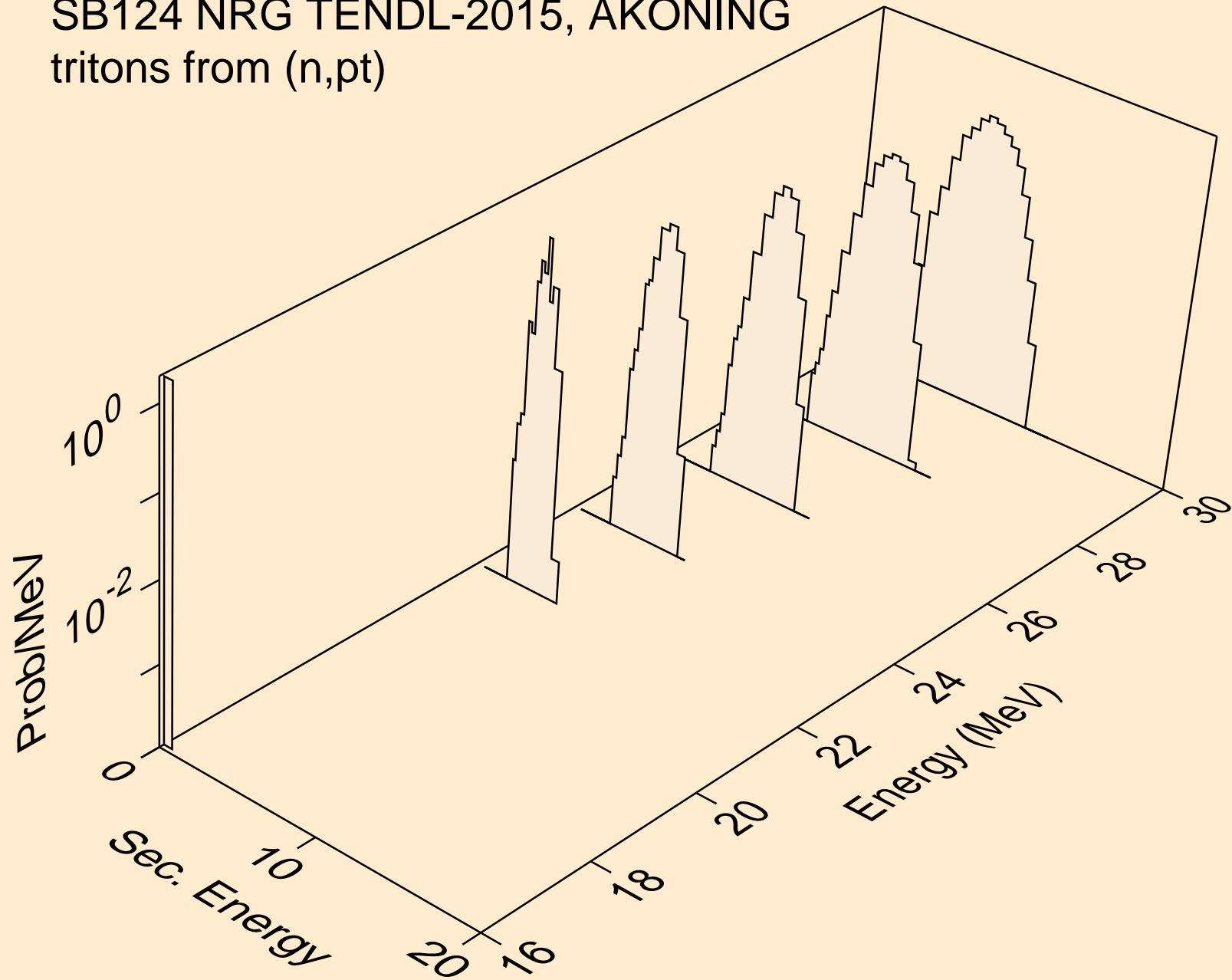
SB124 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



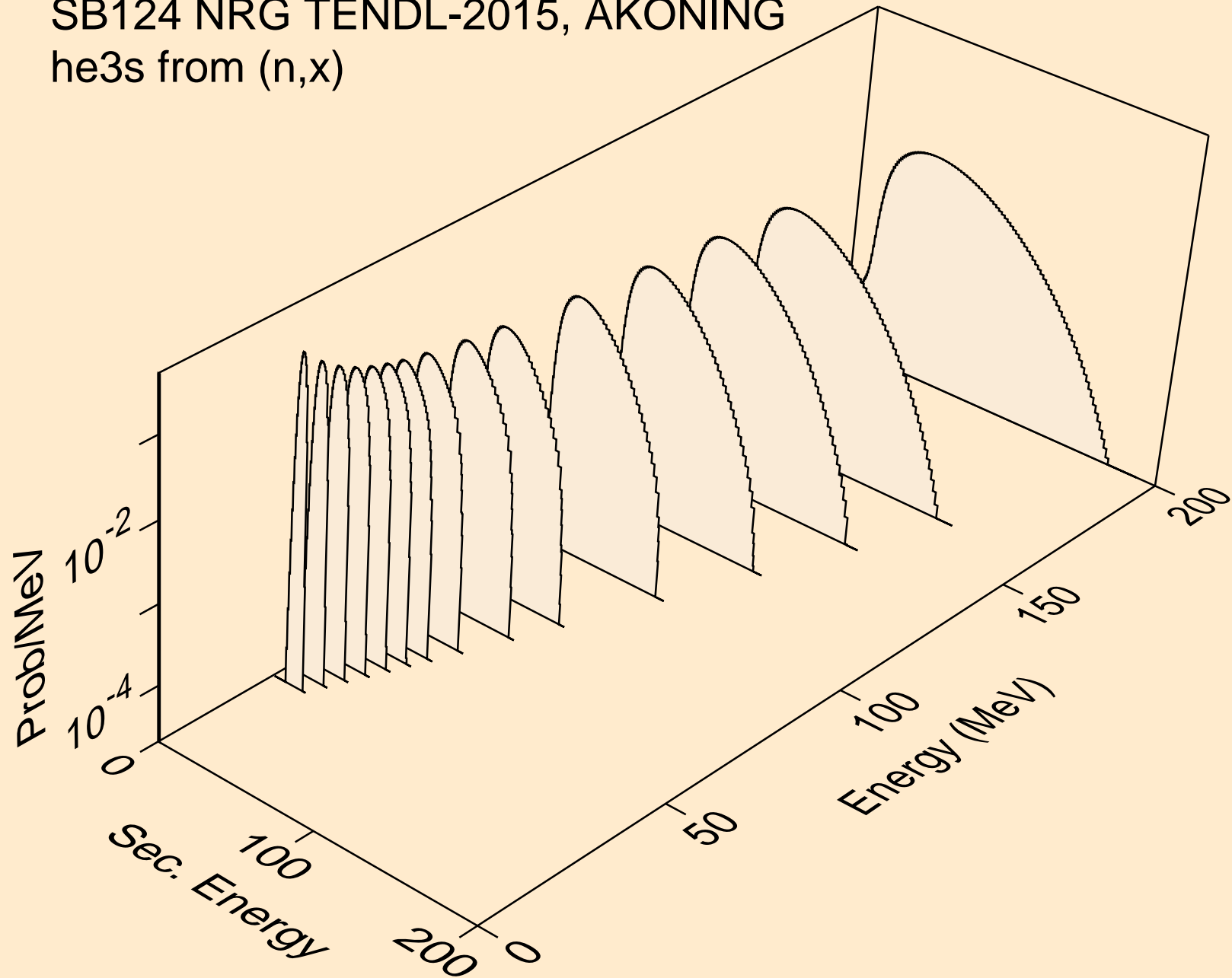
SB124 NRG TENDL-2015, AKONING  
tritons from (n,t)



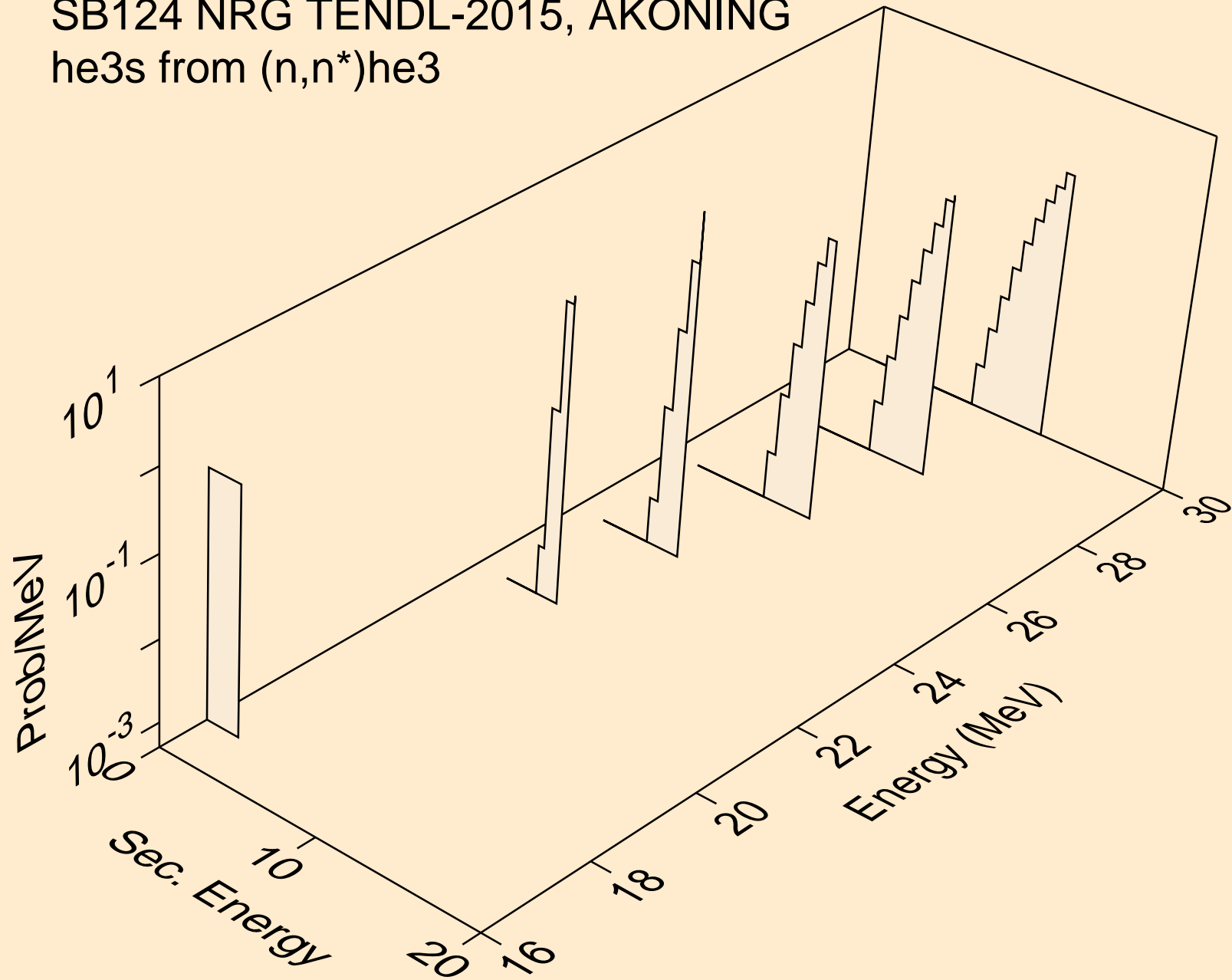
SB124 NRG TENDL-2015, AKONING  
tritons from (n,pt)



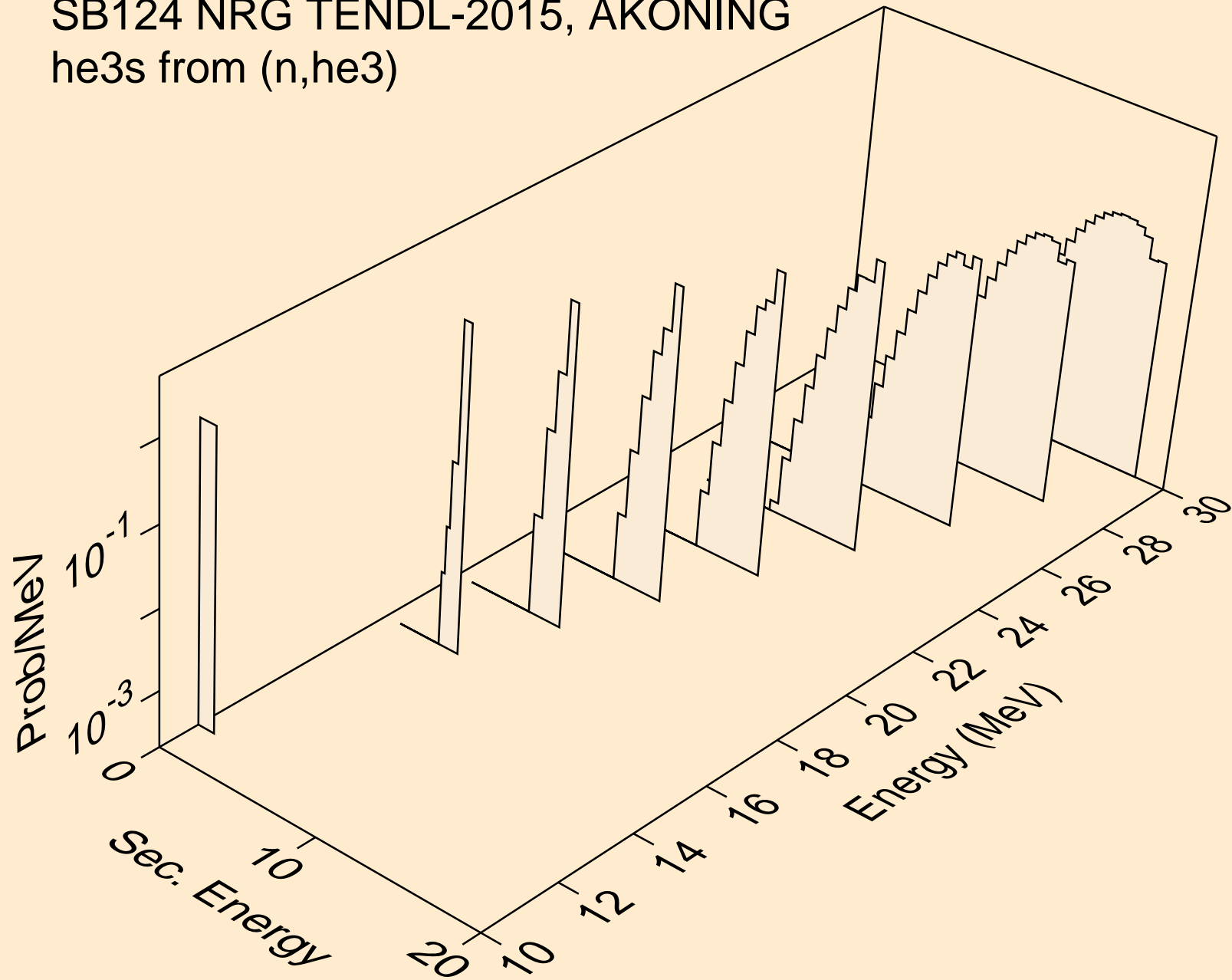
SB124 NRG TENDL-2015, AKONING  
he3s from (n,x)



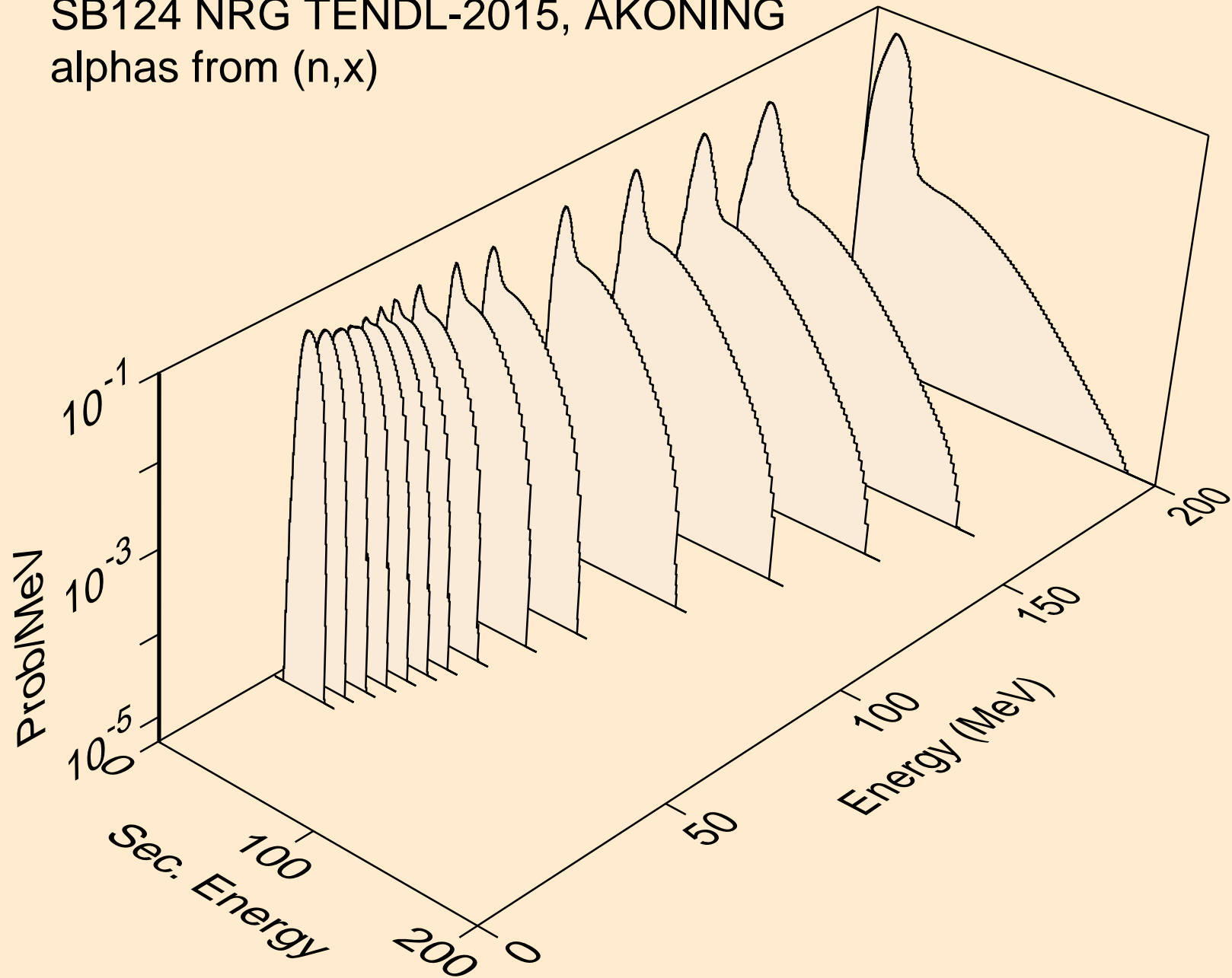
SB124 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



SB124 NRG TENDL-2015, AKONING  
he3s from (n,he3)

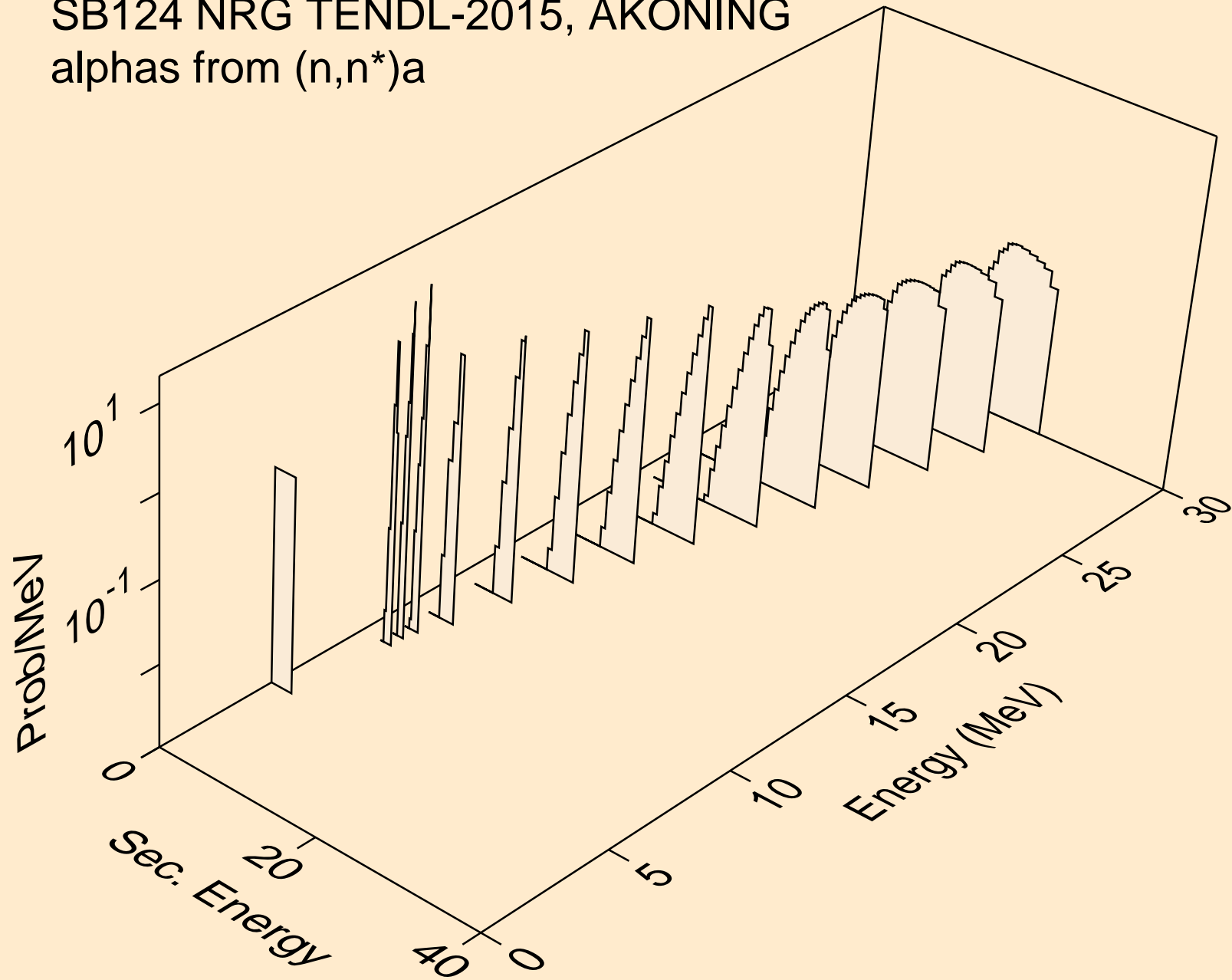


SB124 NRG TENDL-2015, AKONING  
alphas from (n,x)

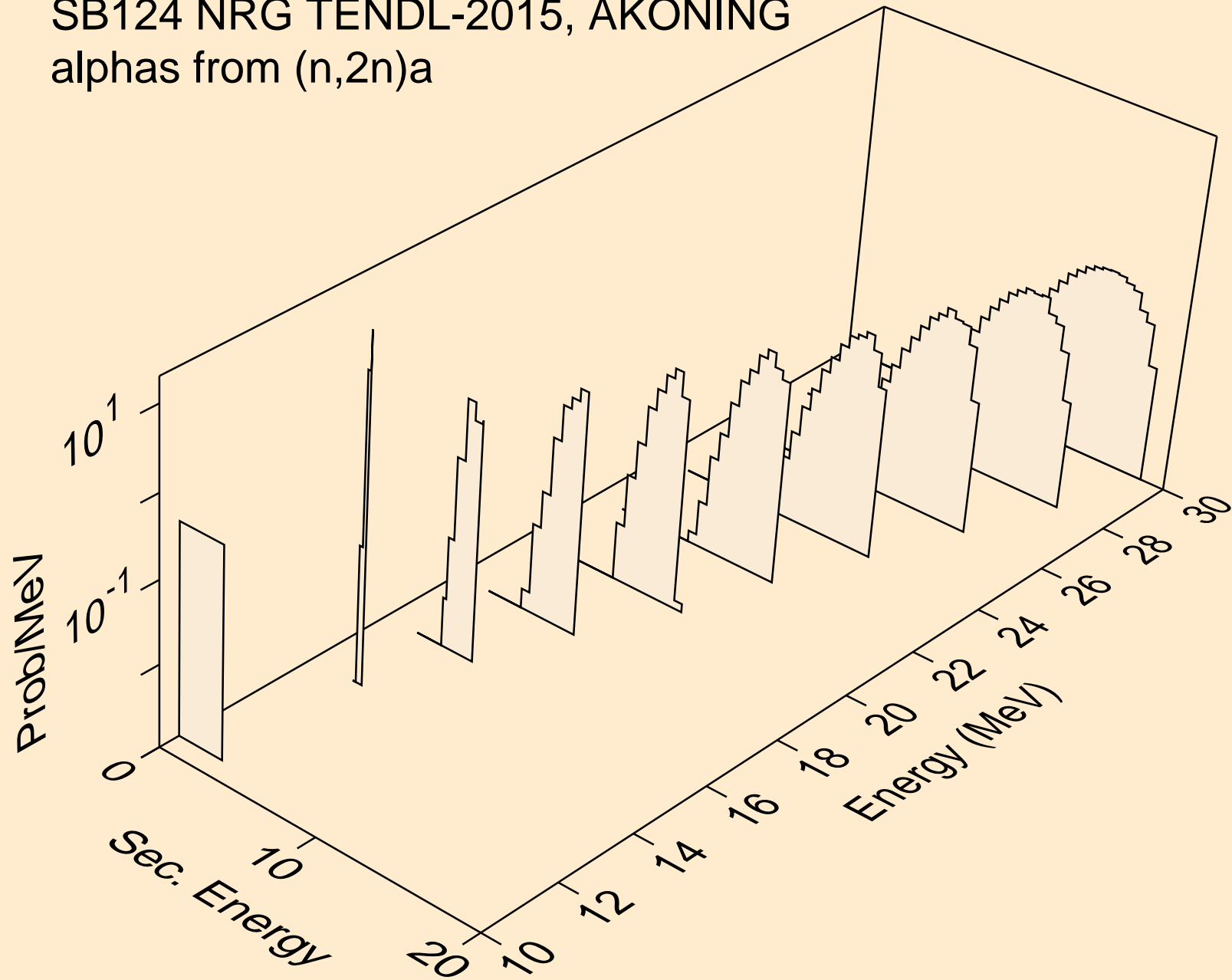




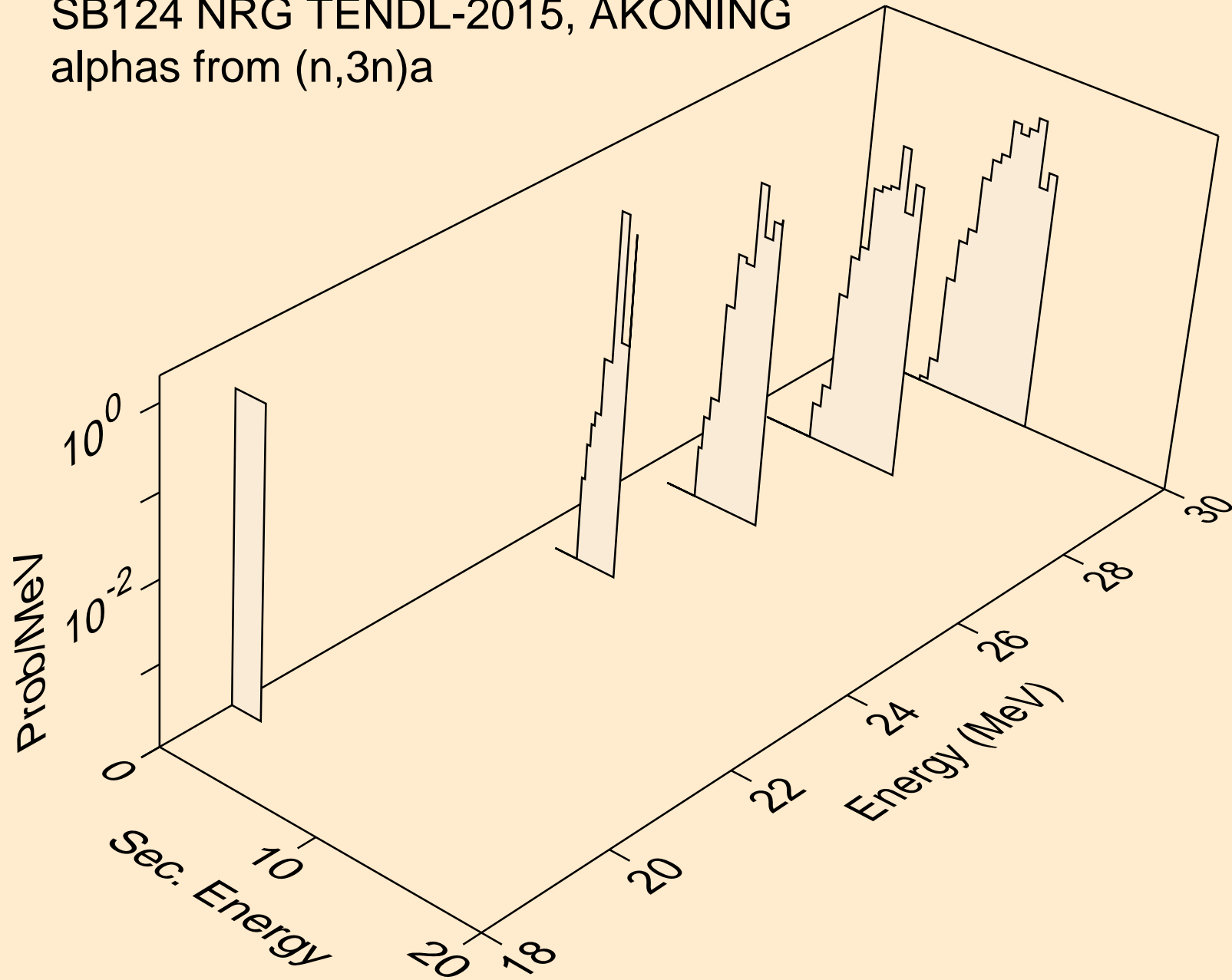
SB124 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



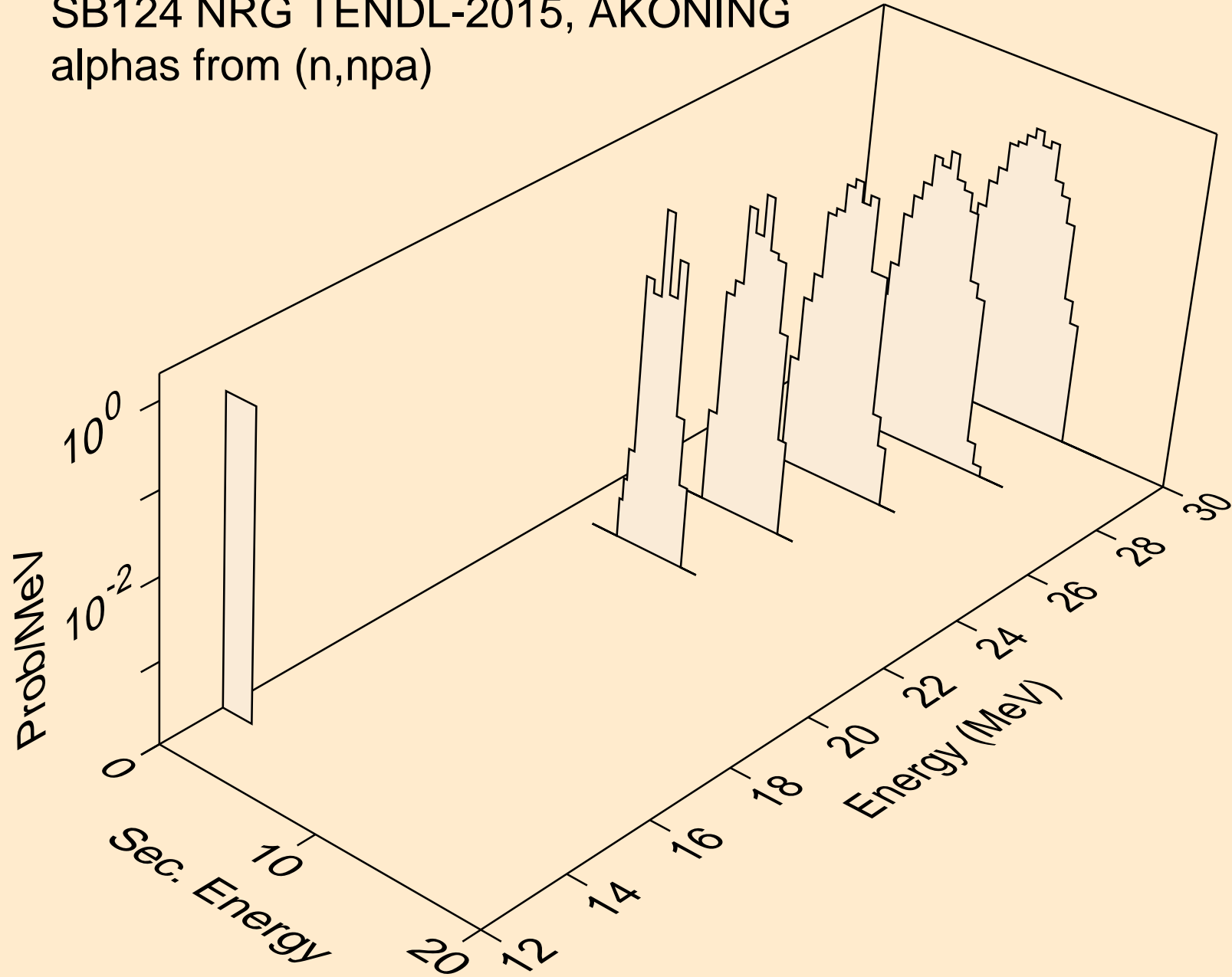
SB124 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



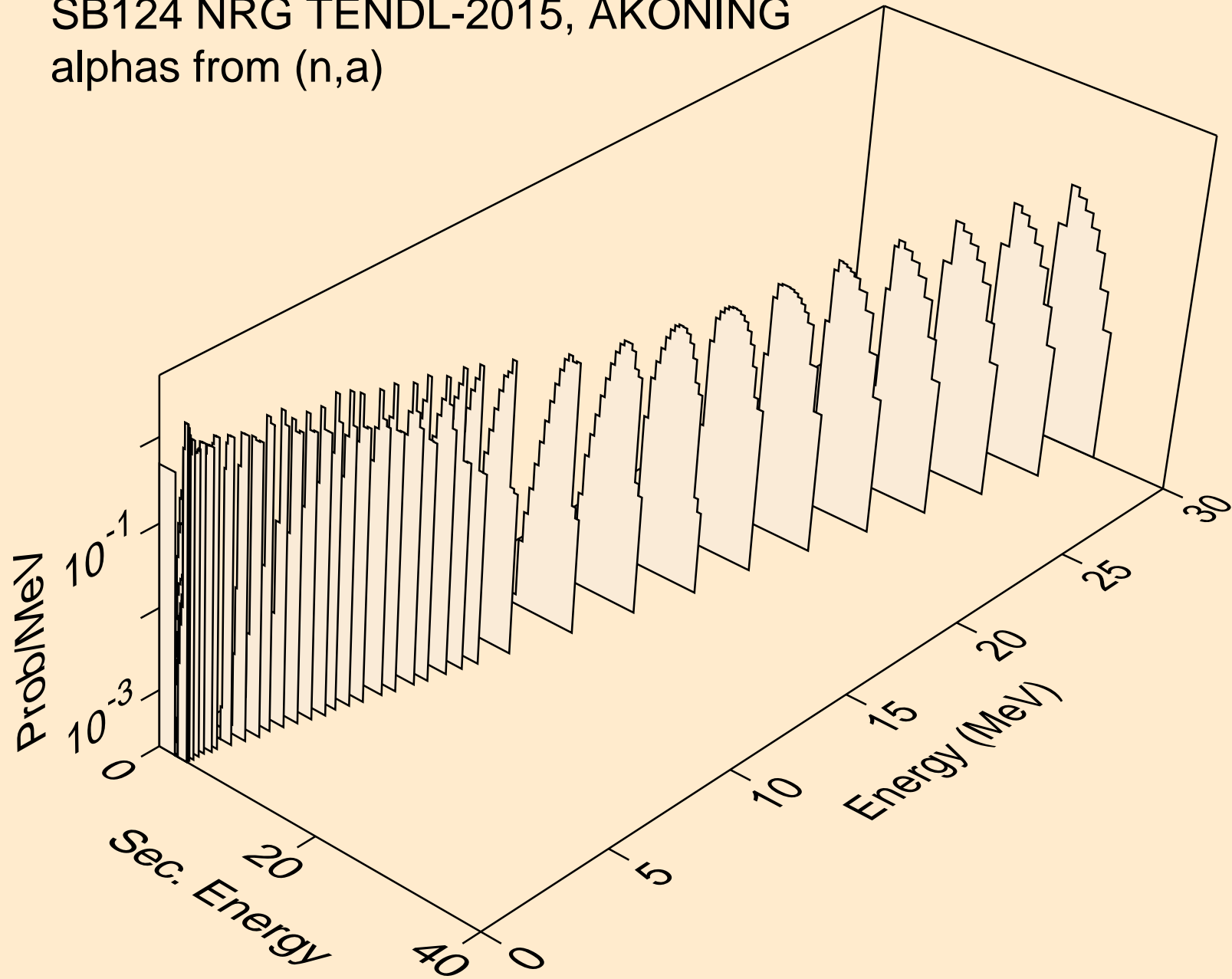
SB124 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



SB124 NRG TENDL-2015, AKONING  
alphas from (n,npa)



SB124 NRG TENDL-2015, AKONING  
alphas from (n,a)



SB124 NRG TENDL-2015, AKONING  
alphas from (n,pa)

