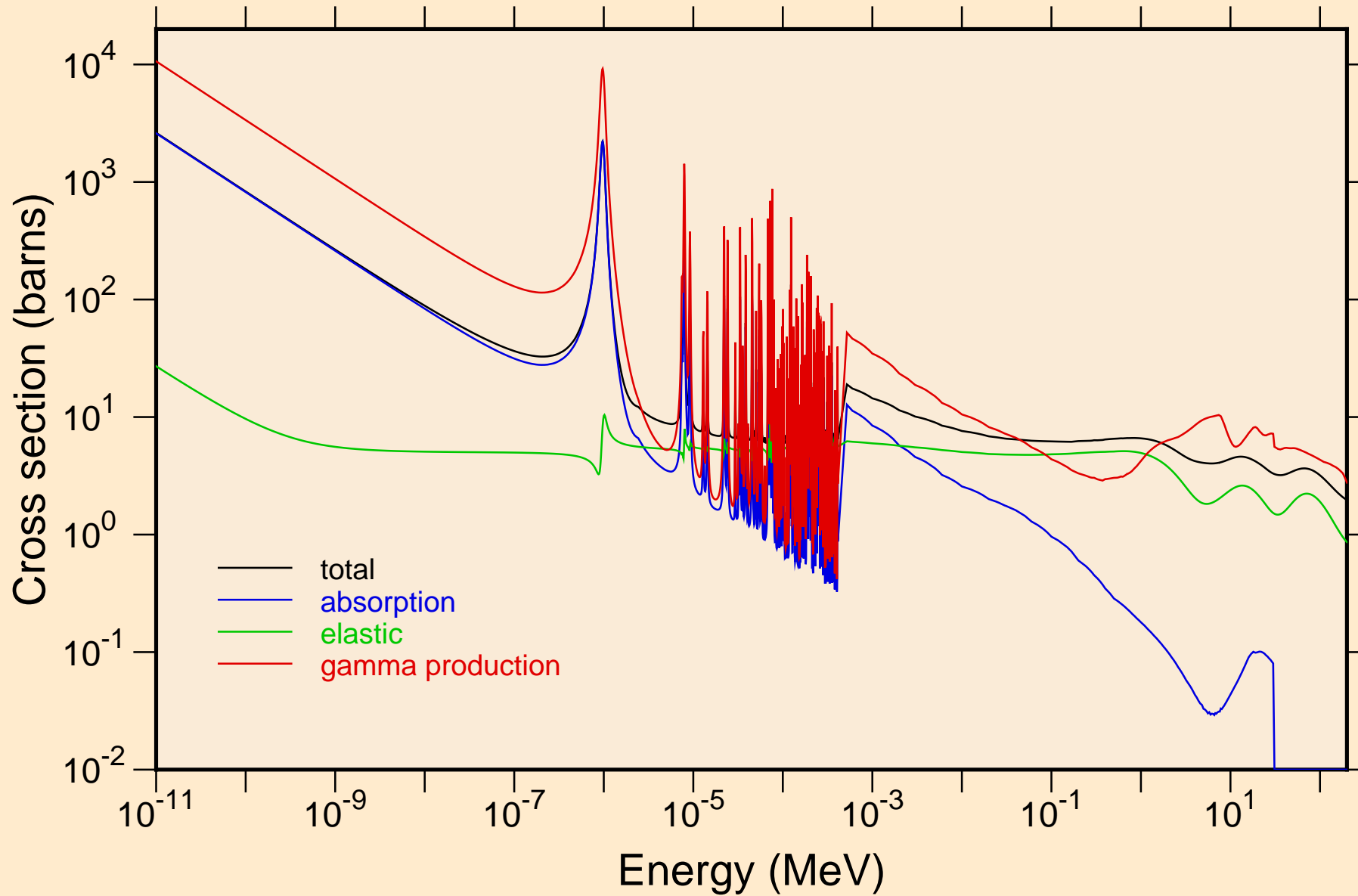
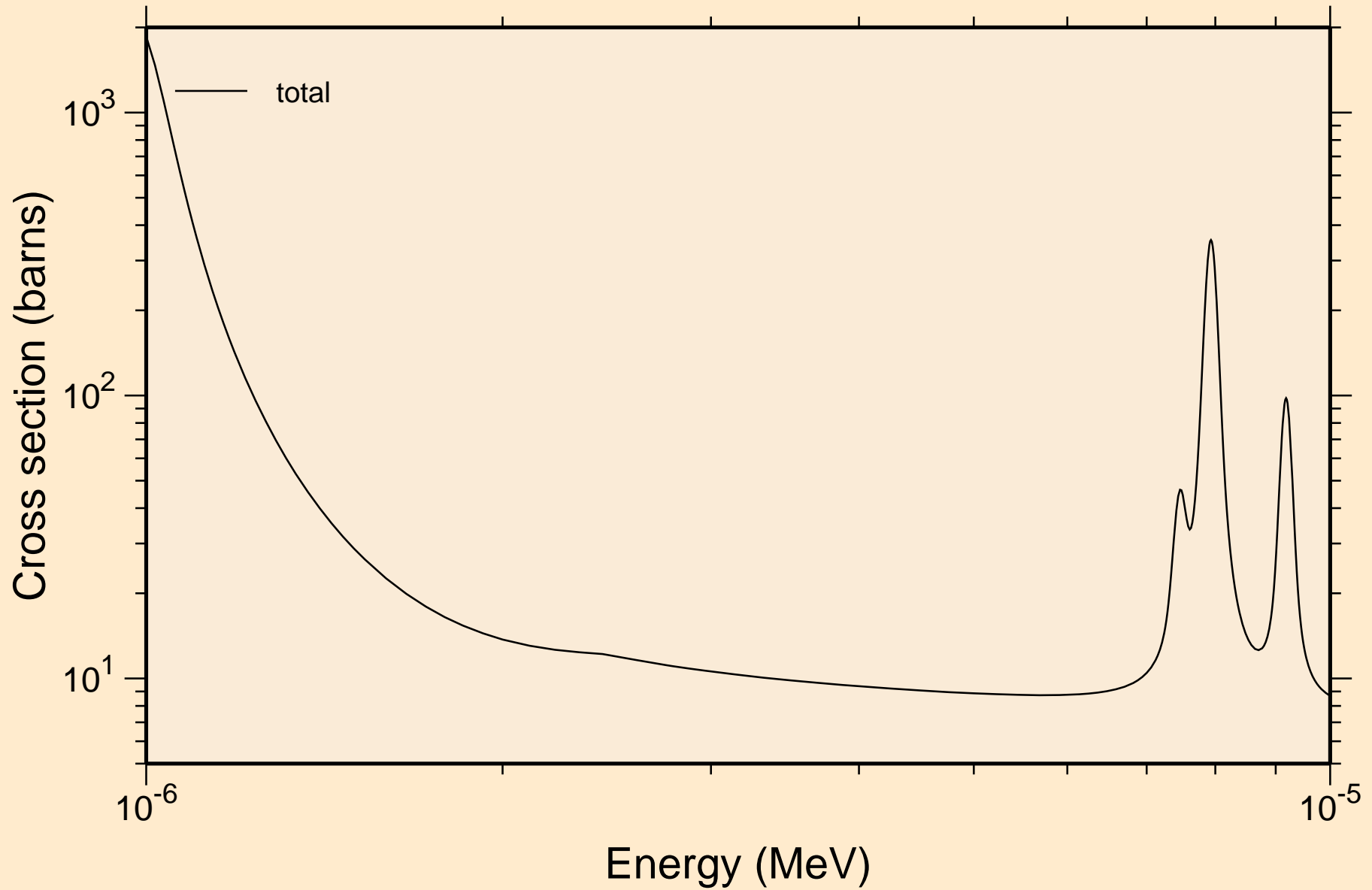


# SB118 NRG TENDL-2015, AKONING

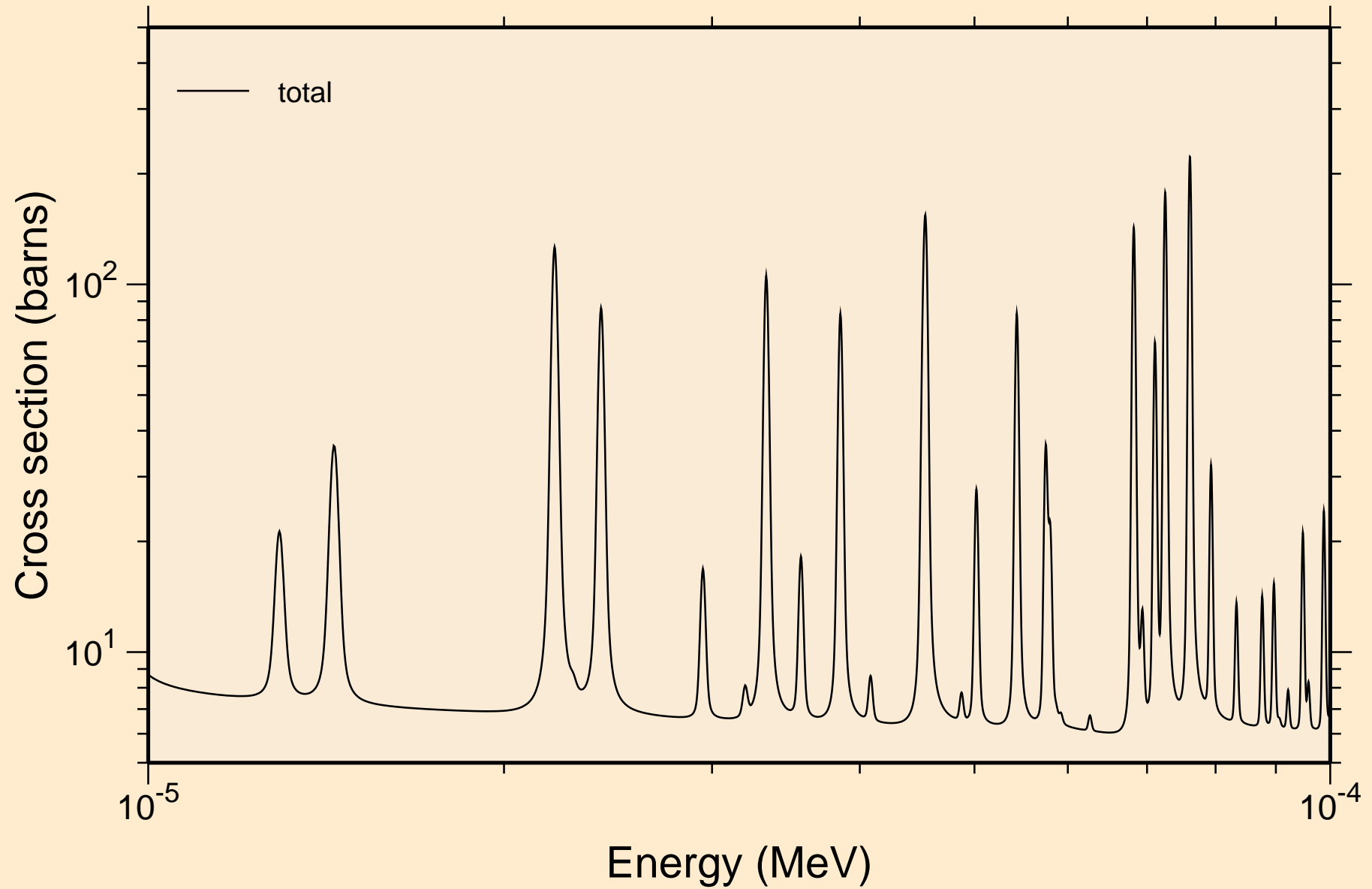
## Principal cross sections



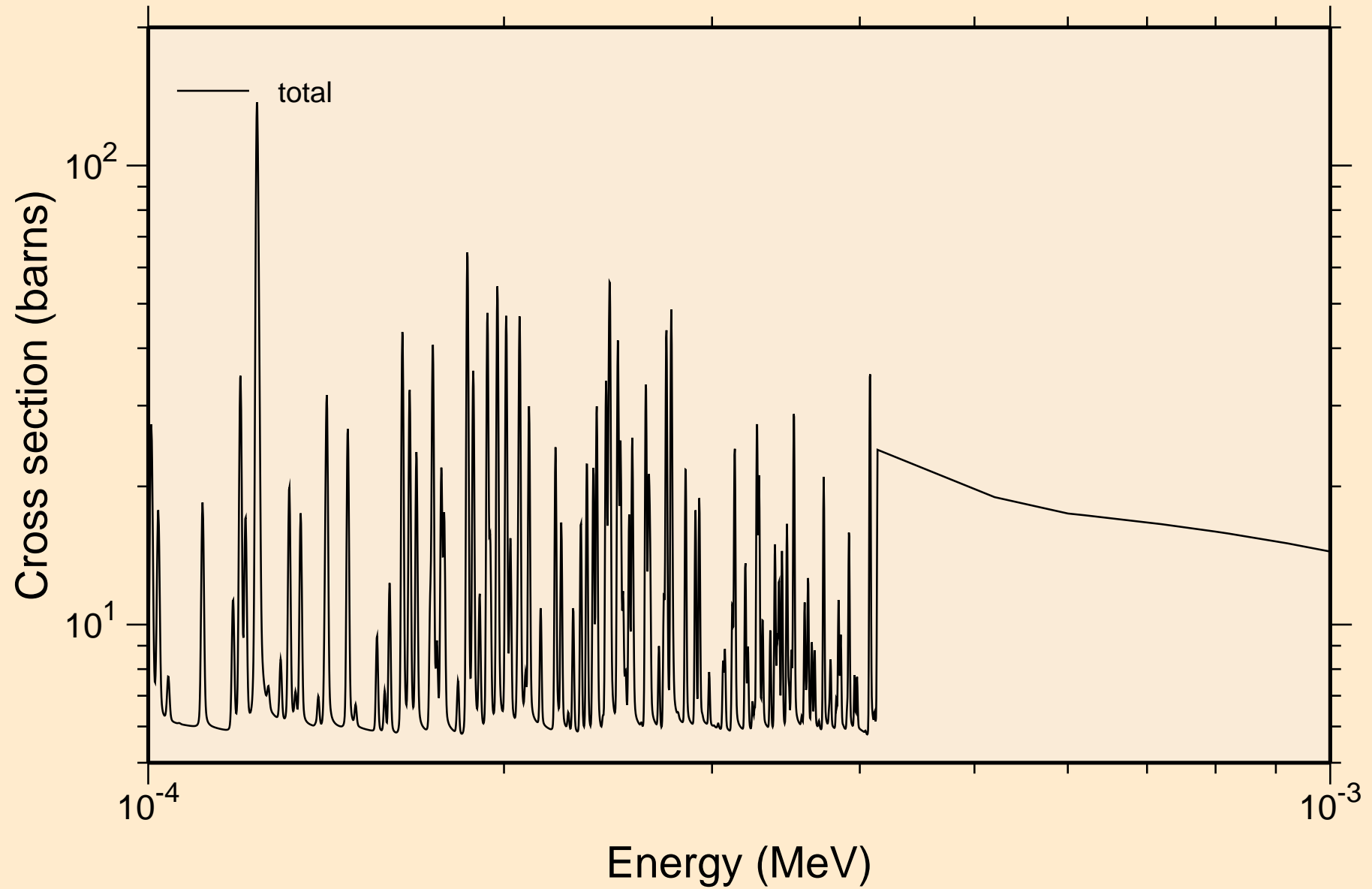
SB118 NRG TENDL-2015, AKONING  
resonance total cross section



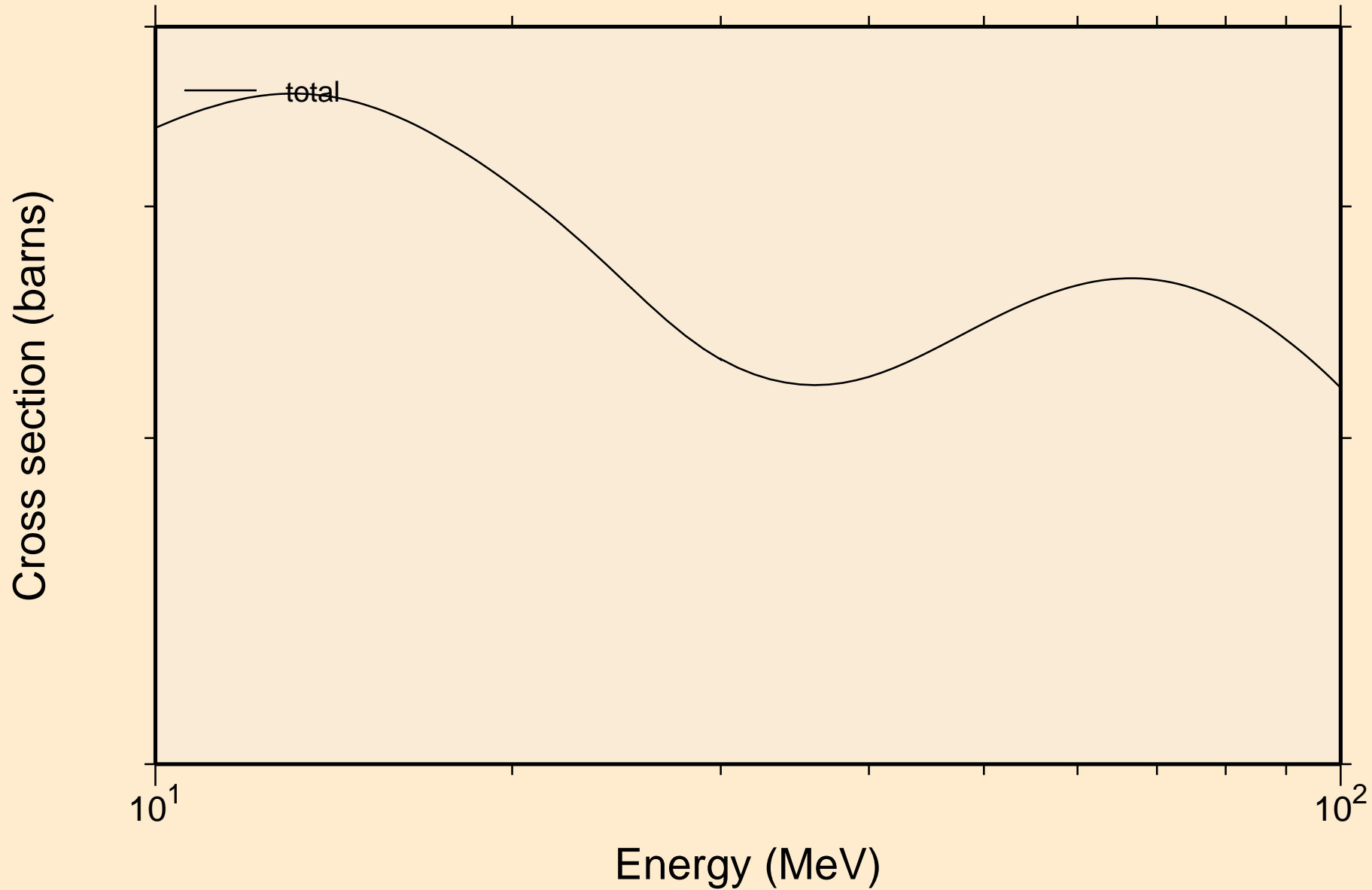
SB118 NRG TENDL-2015, AKONING  
resonance total cross section



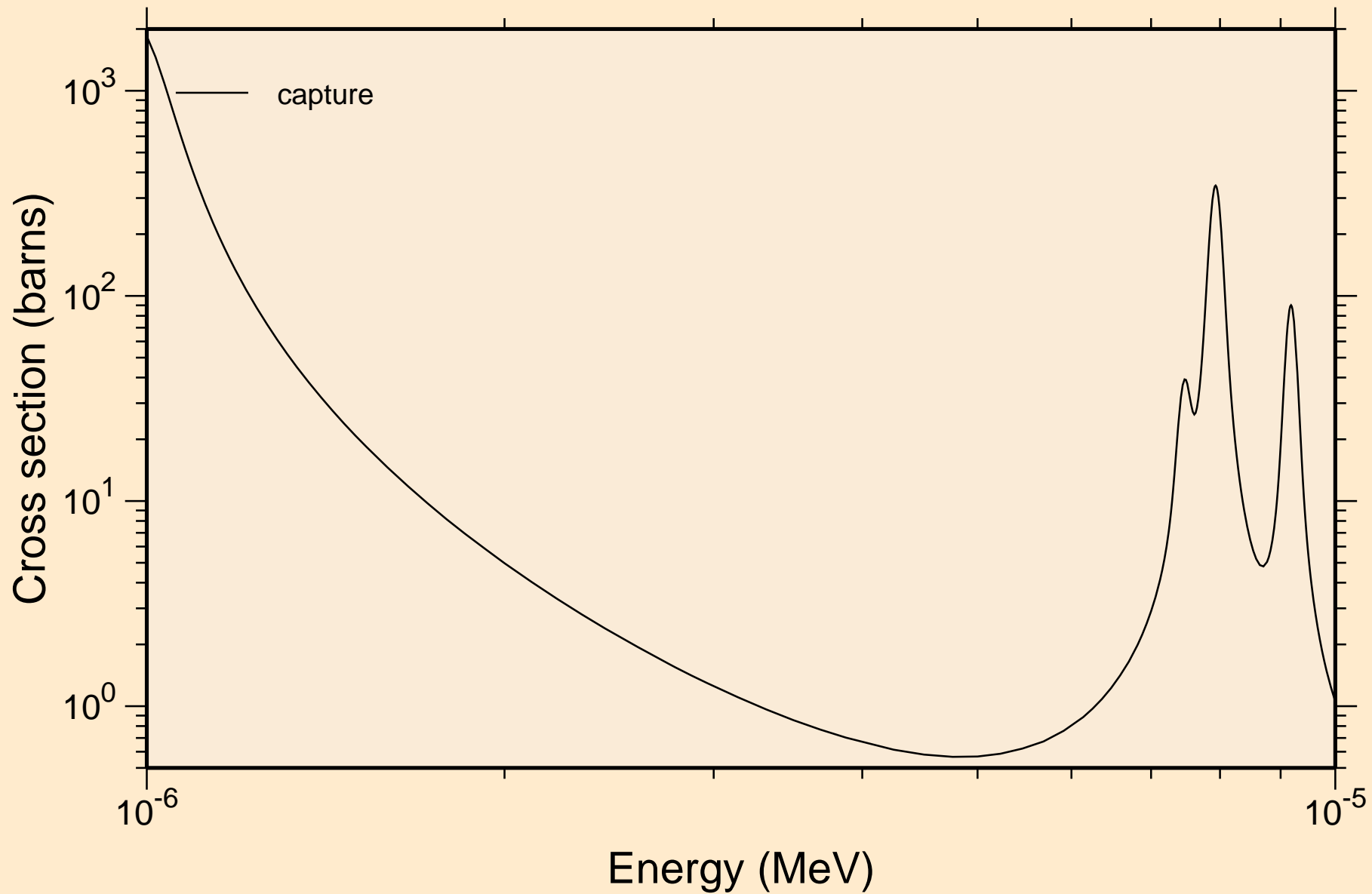
SB118 NRG TENDL-2015, AKONING  
resonance total cross section



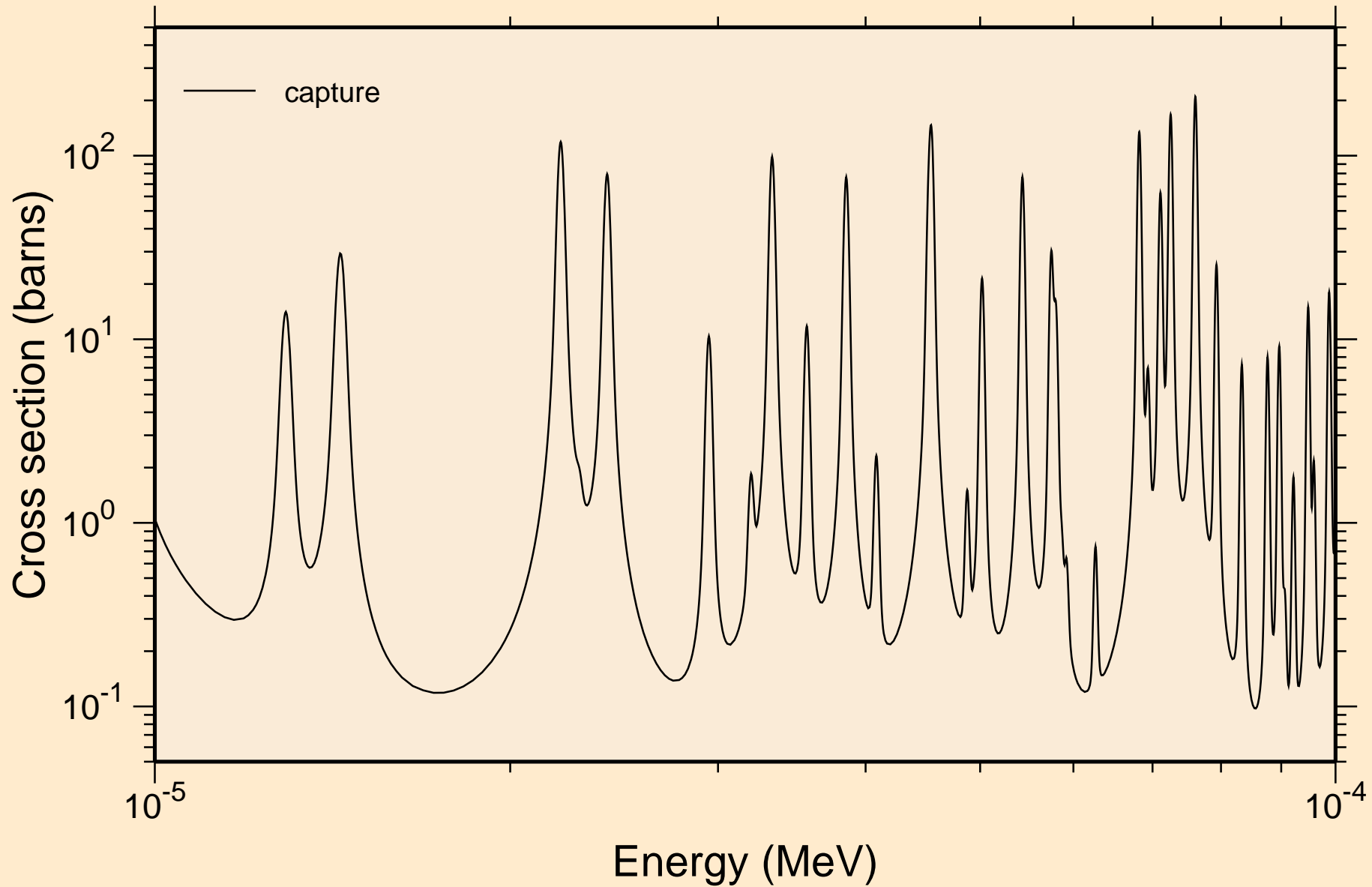
S $\bar{B}$ 118 NRG TENDL-2015, AKONING  
resonance total cross section



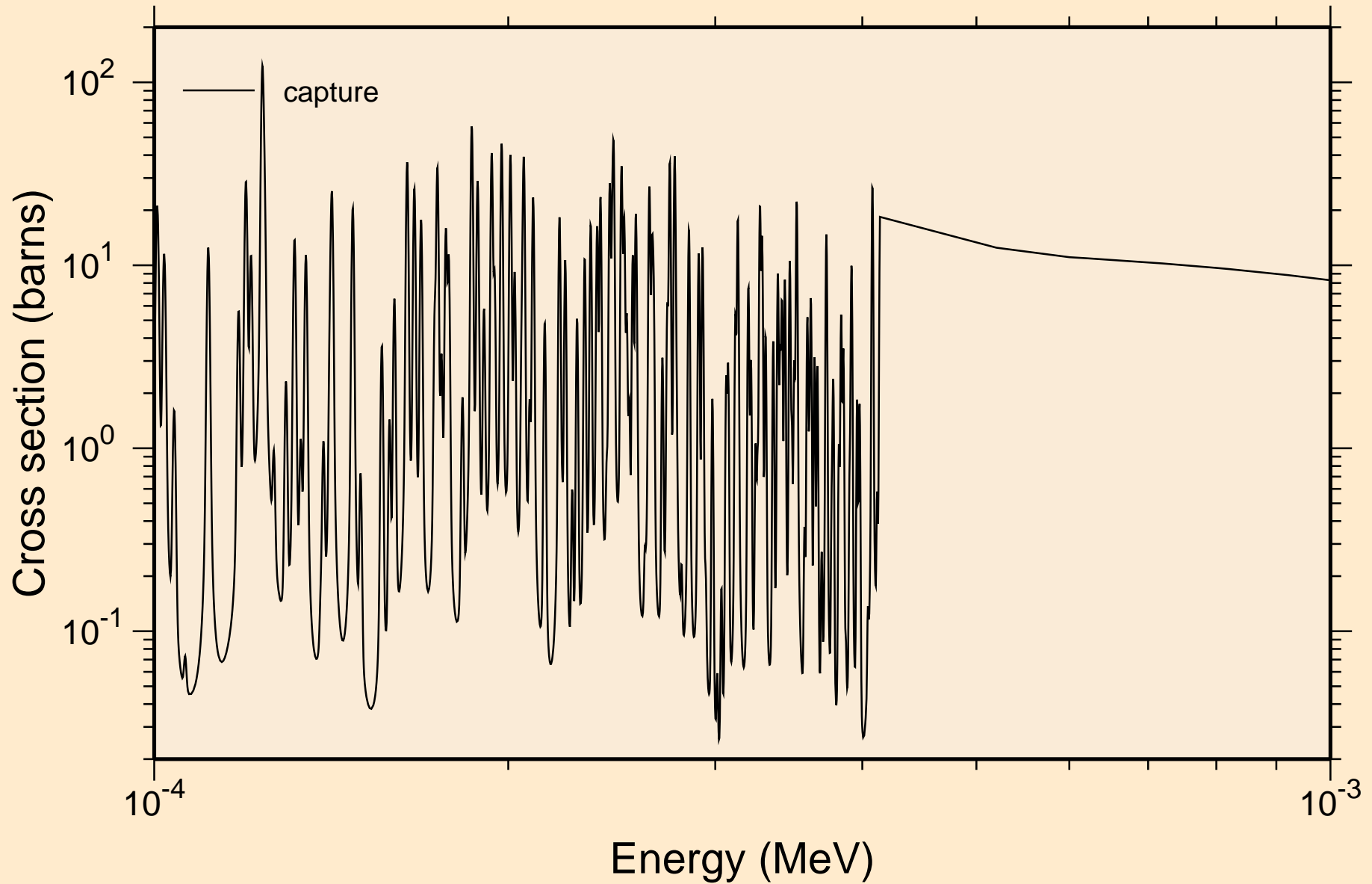
SB118 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# SB118 NRG TENDL-2015, AKONING resonance absorption cross sections

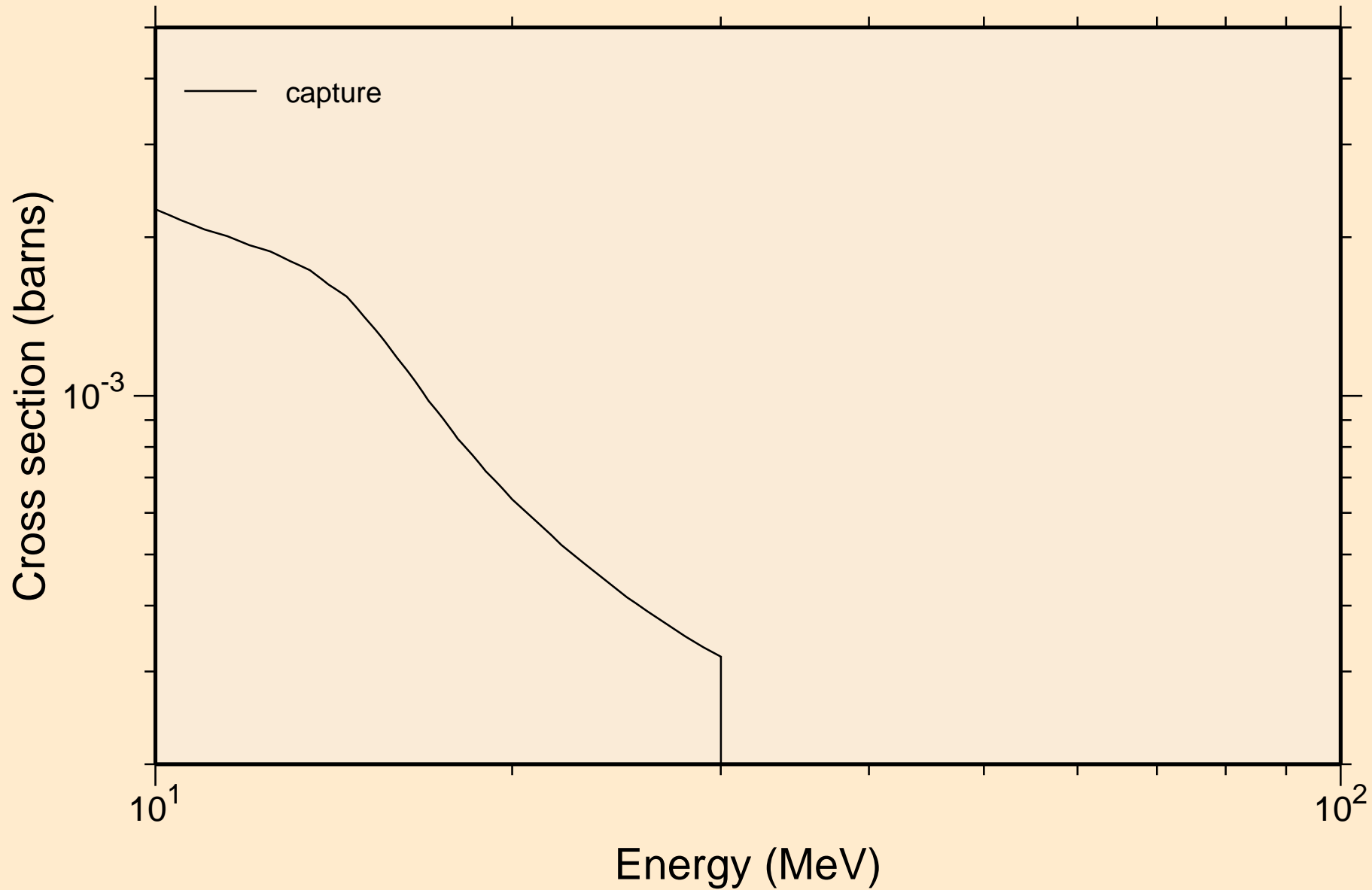


SB118 NRG TENDL-2015, AKONING  
resonance absorption cross sections



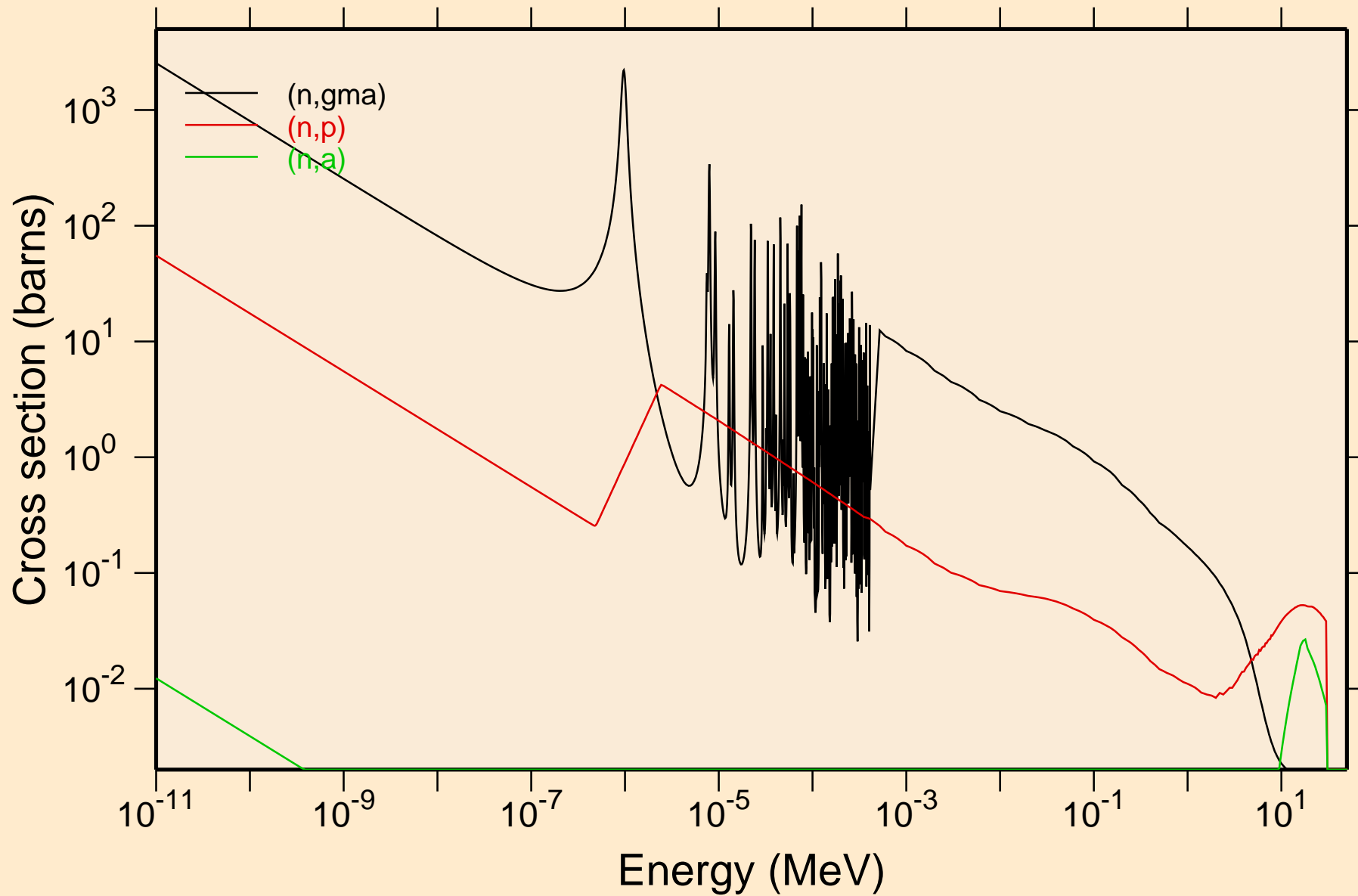


SB118 NRG TENDL-2015, AKONING  
resonance absorption cross sections



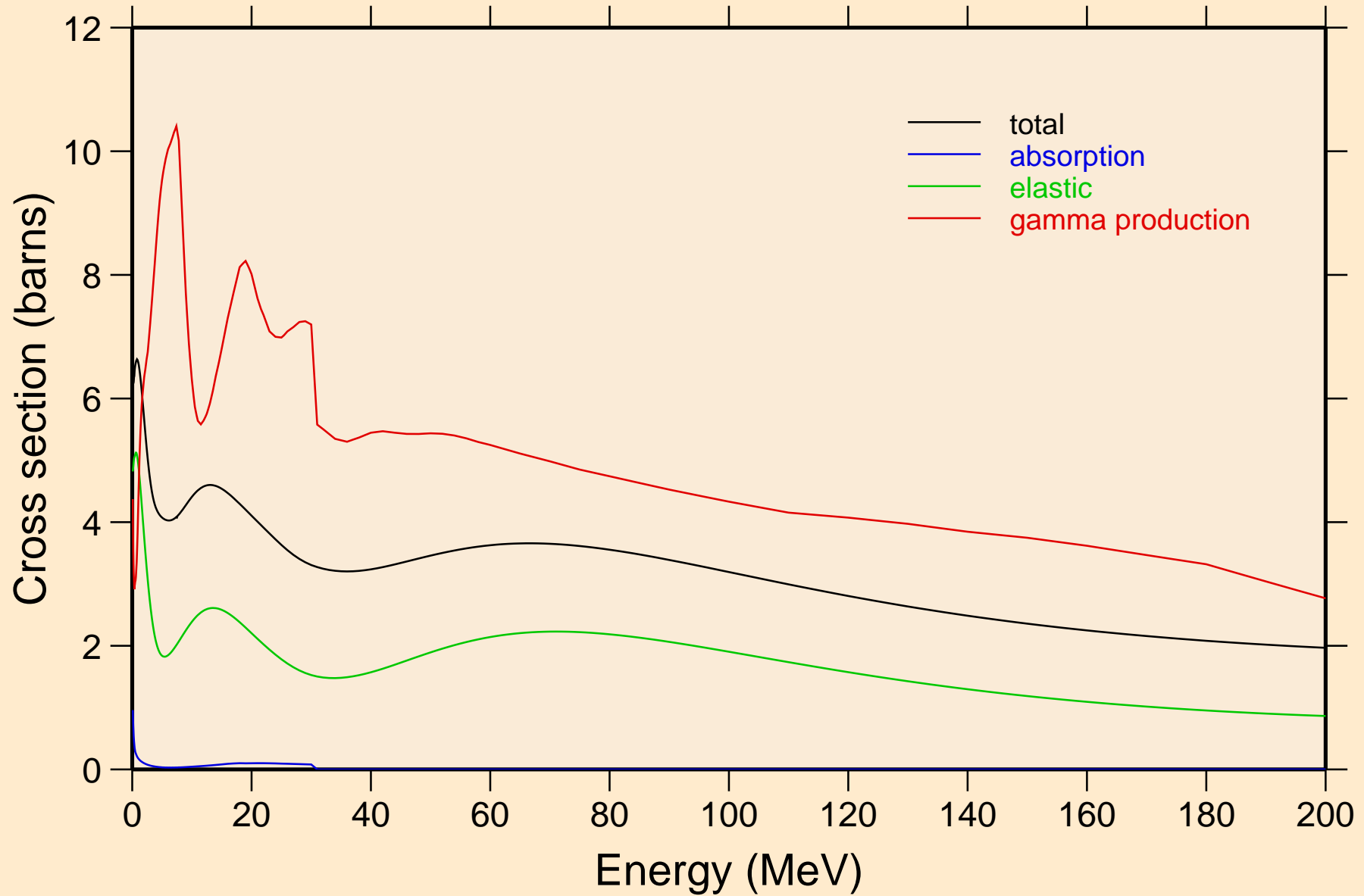
# SB118 NRG TENDL-2015, AKONING

## Non-threshold reactions



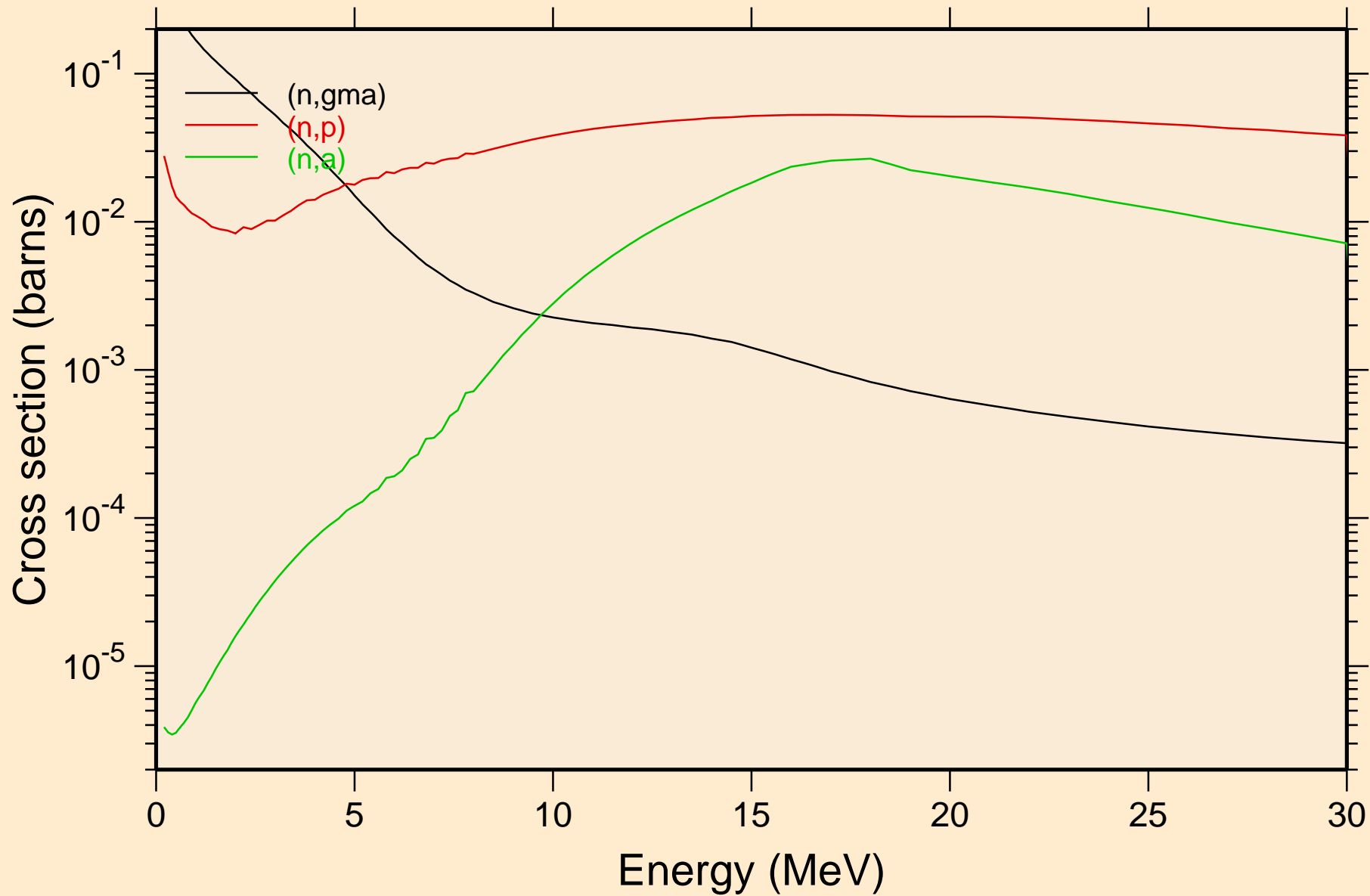
# SB118 NRG TENDL-2015, AKONING

## Principal cross sections



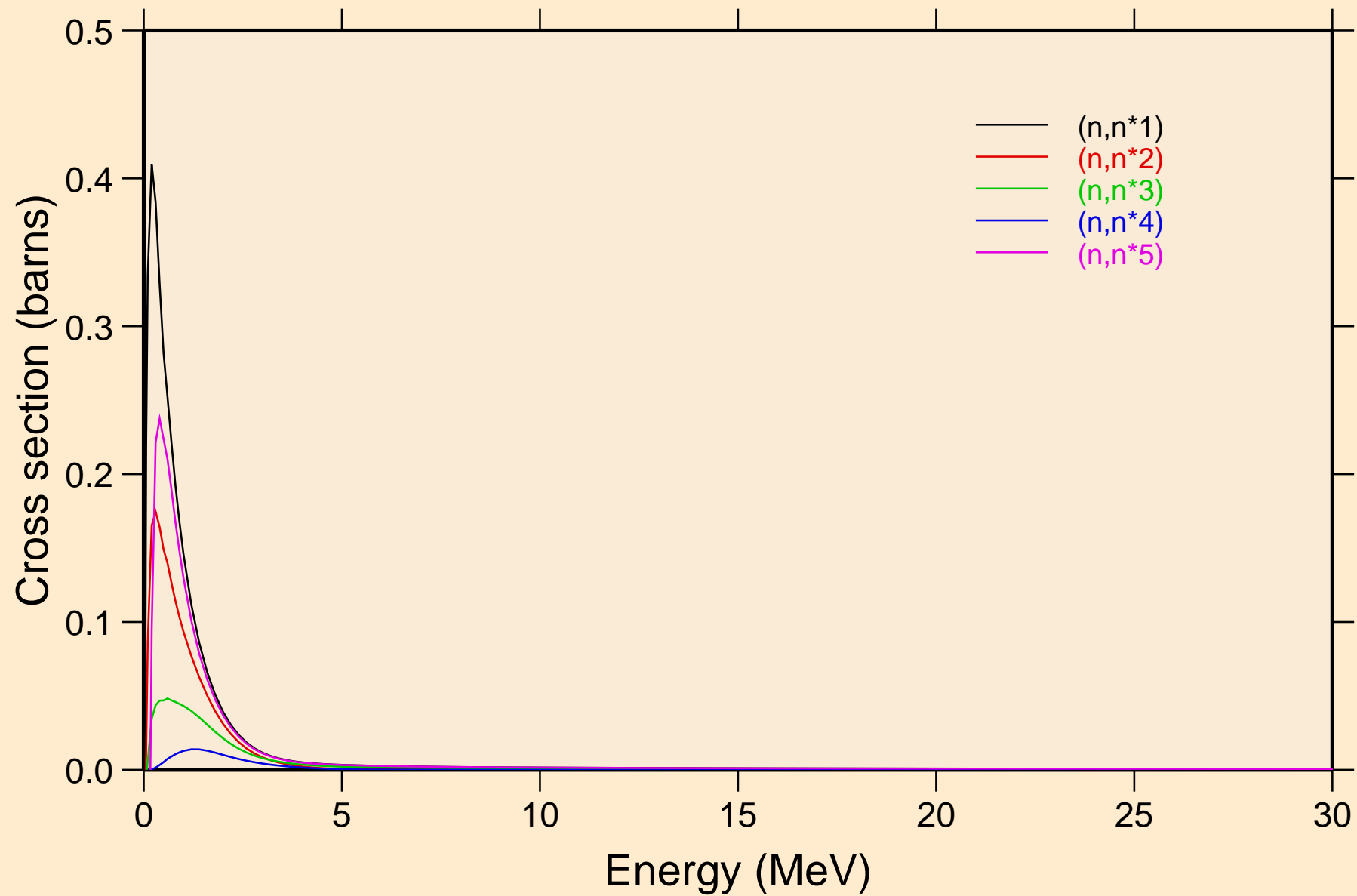
# SB118 NRG TENDL-2015, AKONING

## Non-threshold reactions



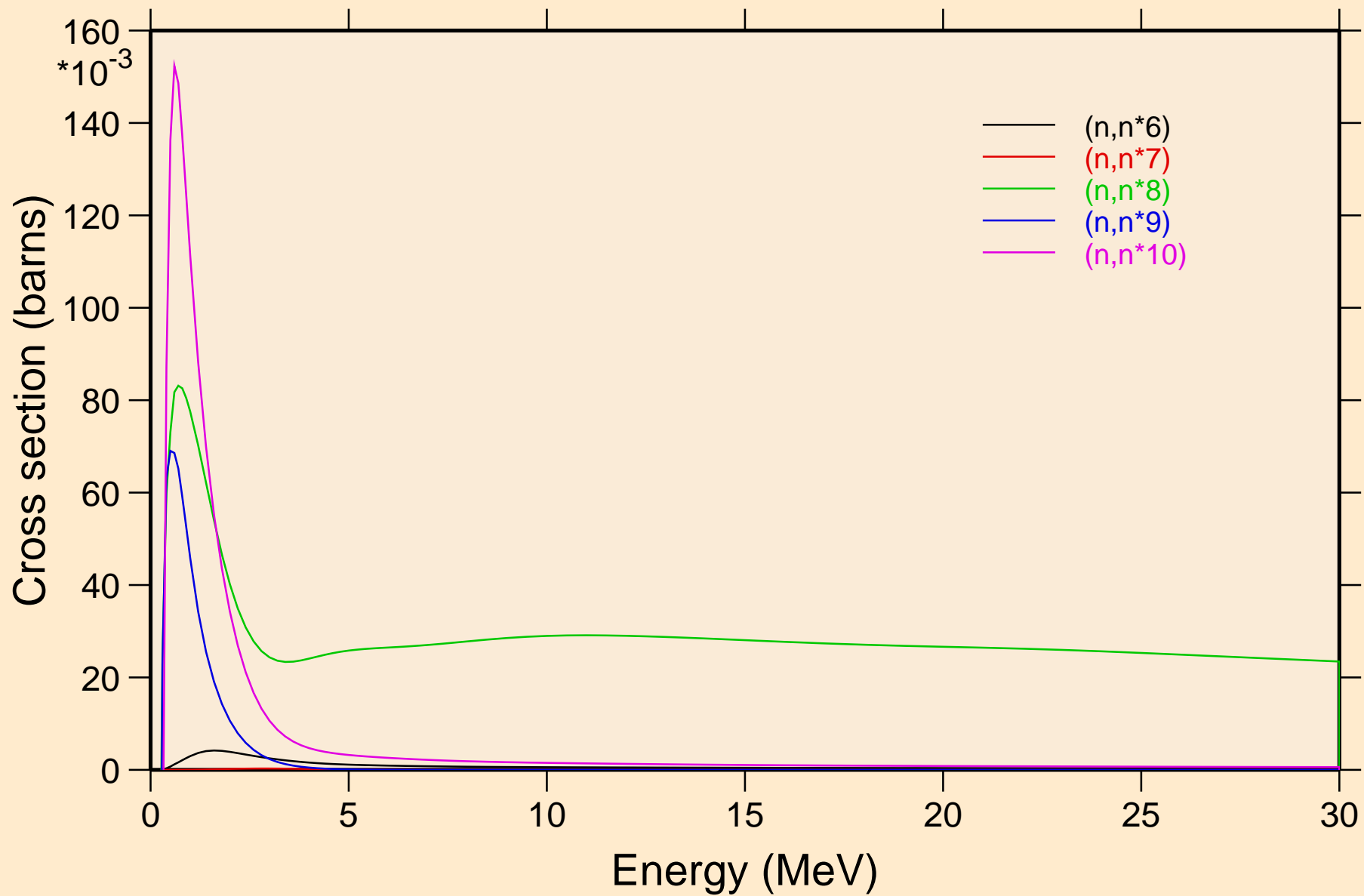
# SB118 NRG TENDL-2015, AKONING

## Inelastic levels



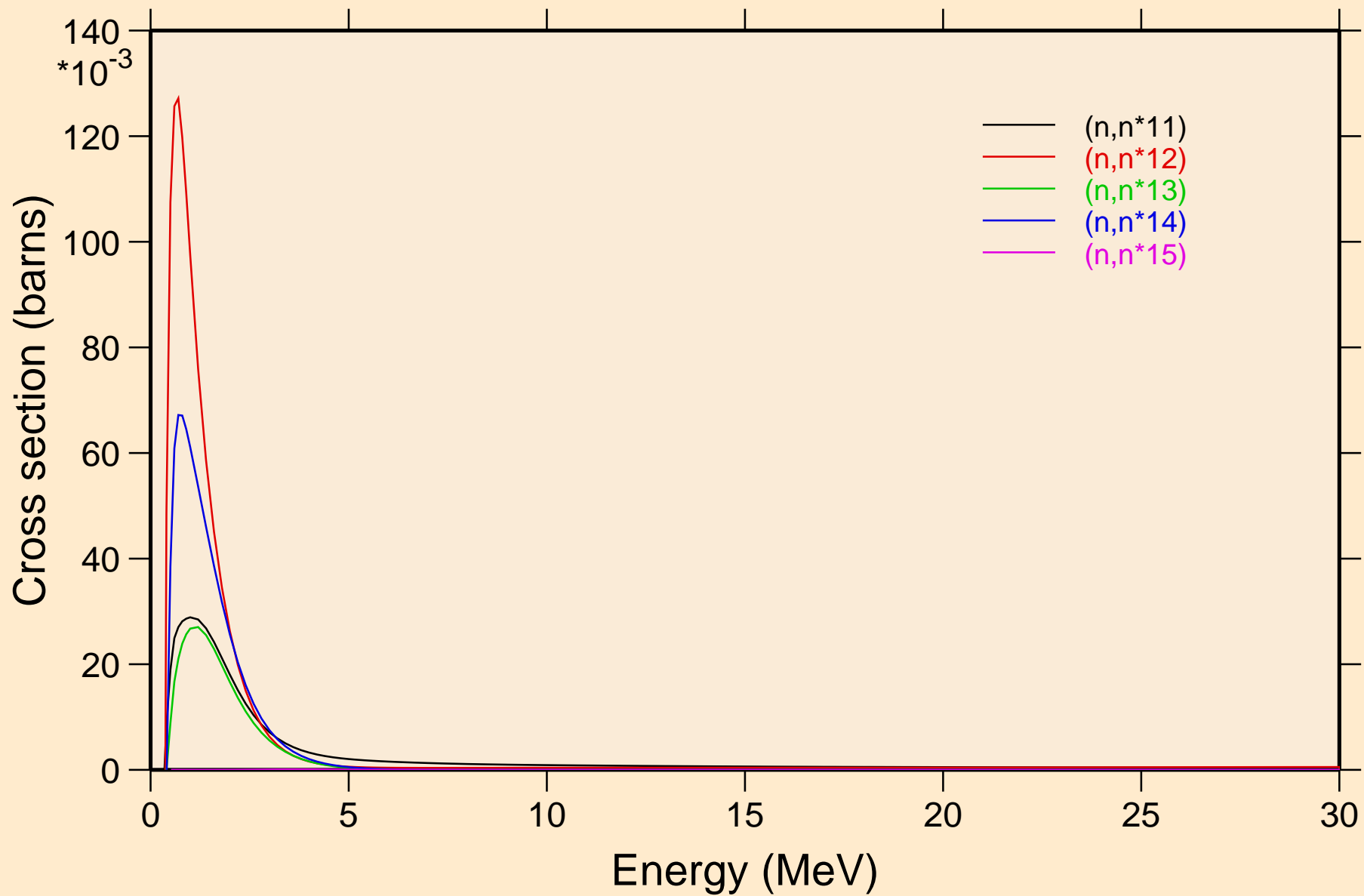
# SB118 NRG TENDL-2015, AKONING

## Inelastic levels



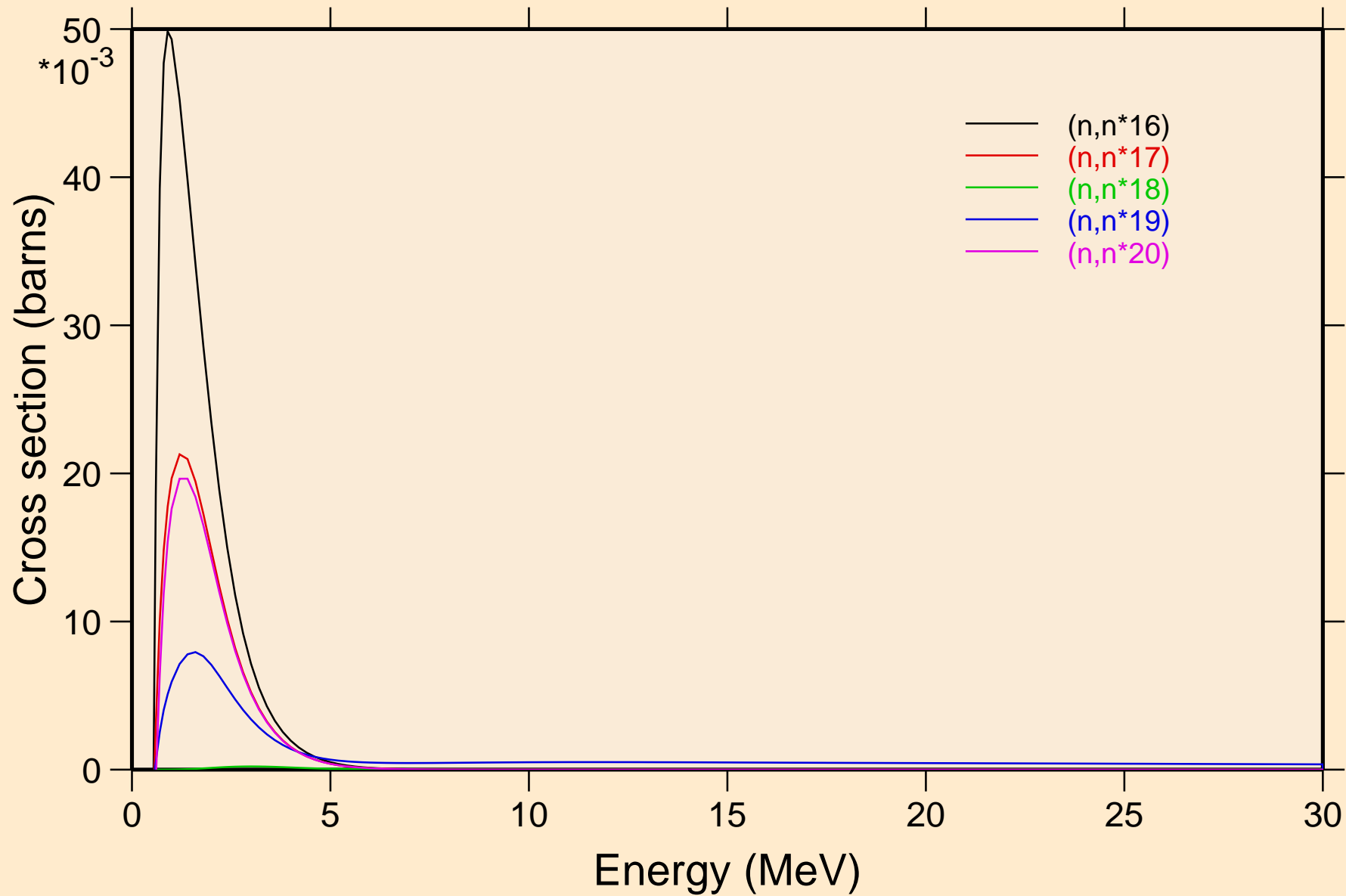
# SB118 NRG TENDL-2015, AKONING

## Inelastic levels



# SB118 NRG TENDL-2015, AKONING

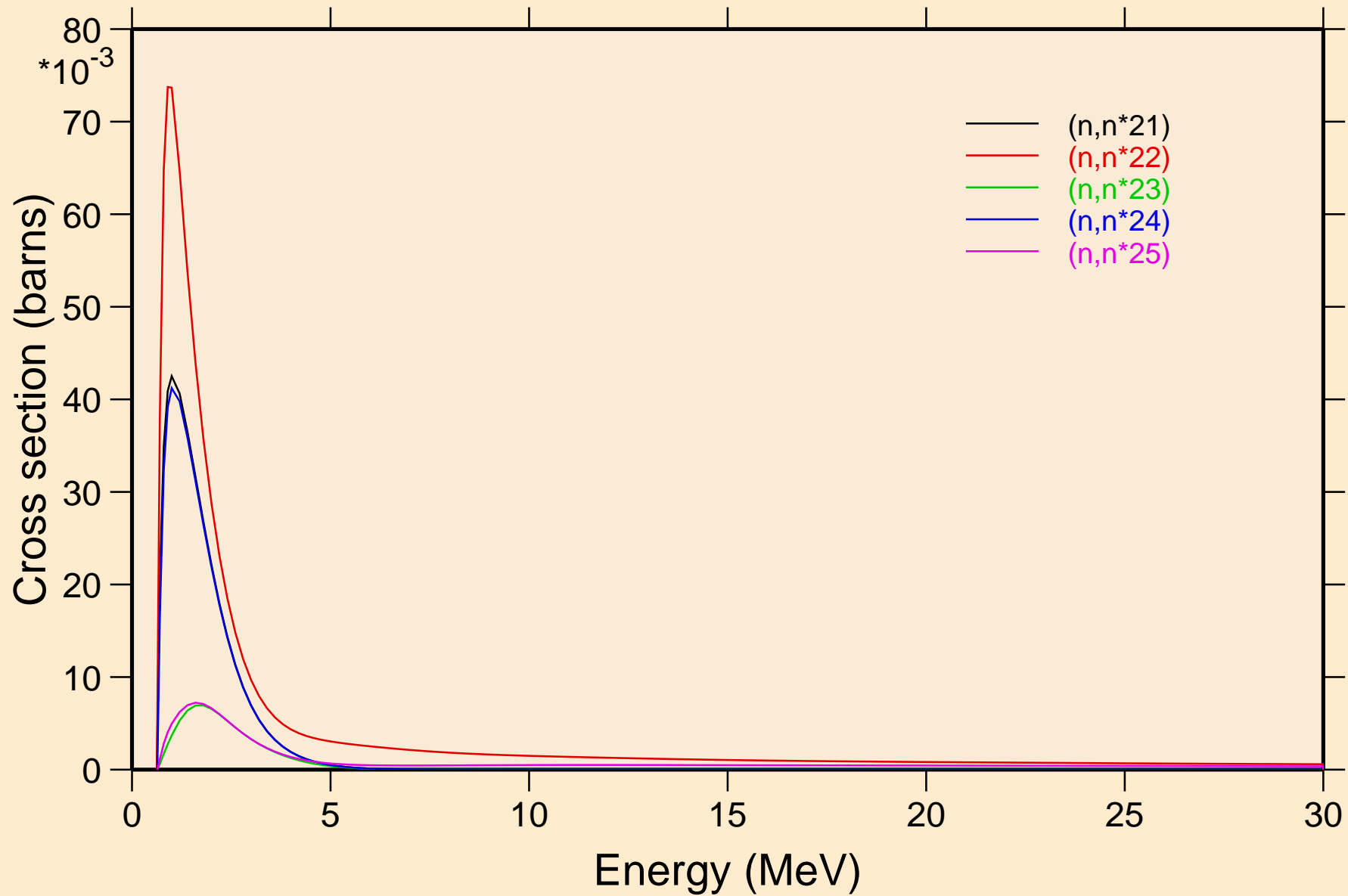
## Inelastic levels





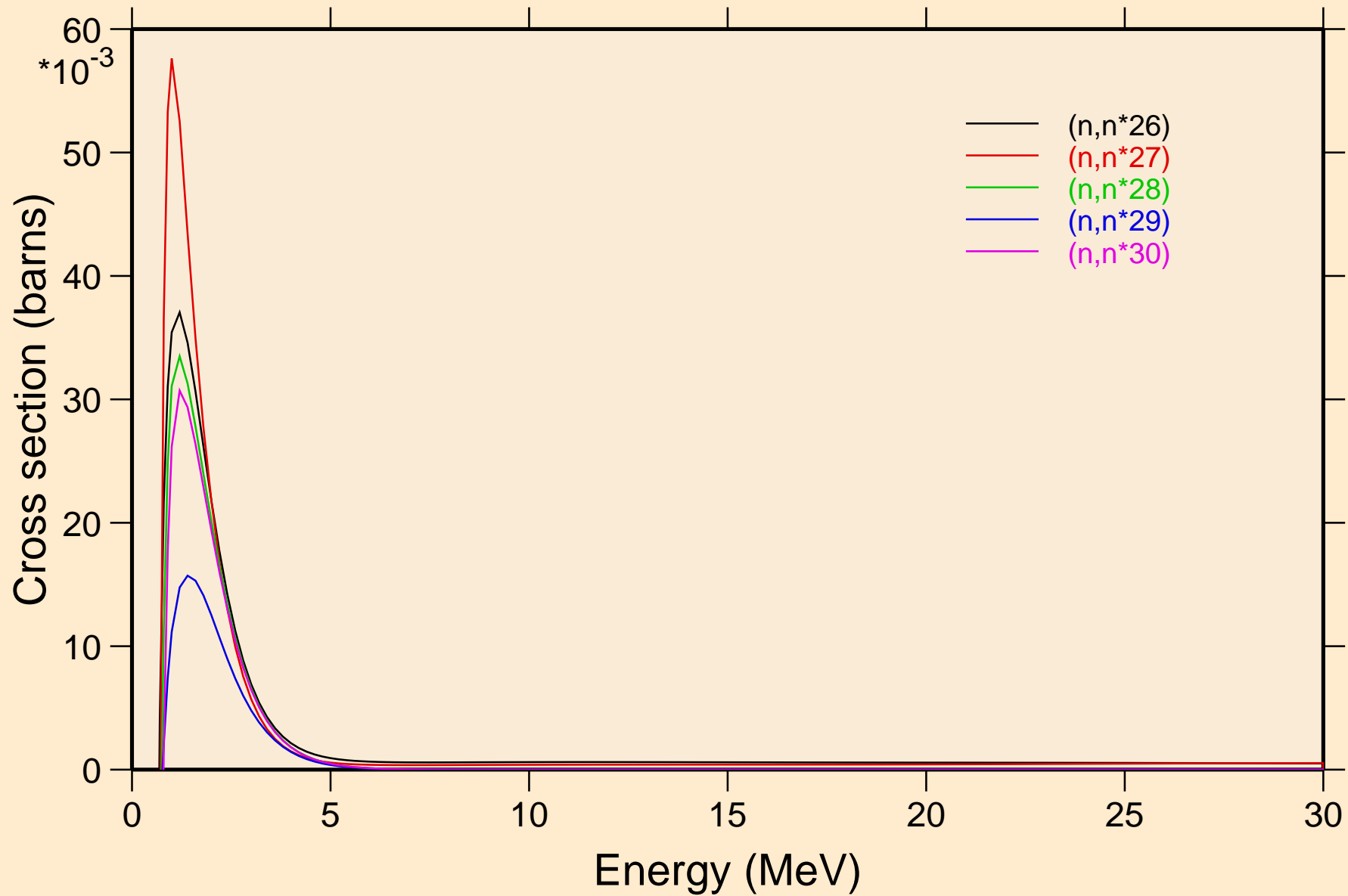
# SB118 NRG TENDL-2015, AKONING

## Inelastic levels



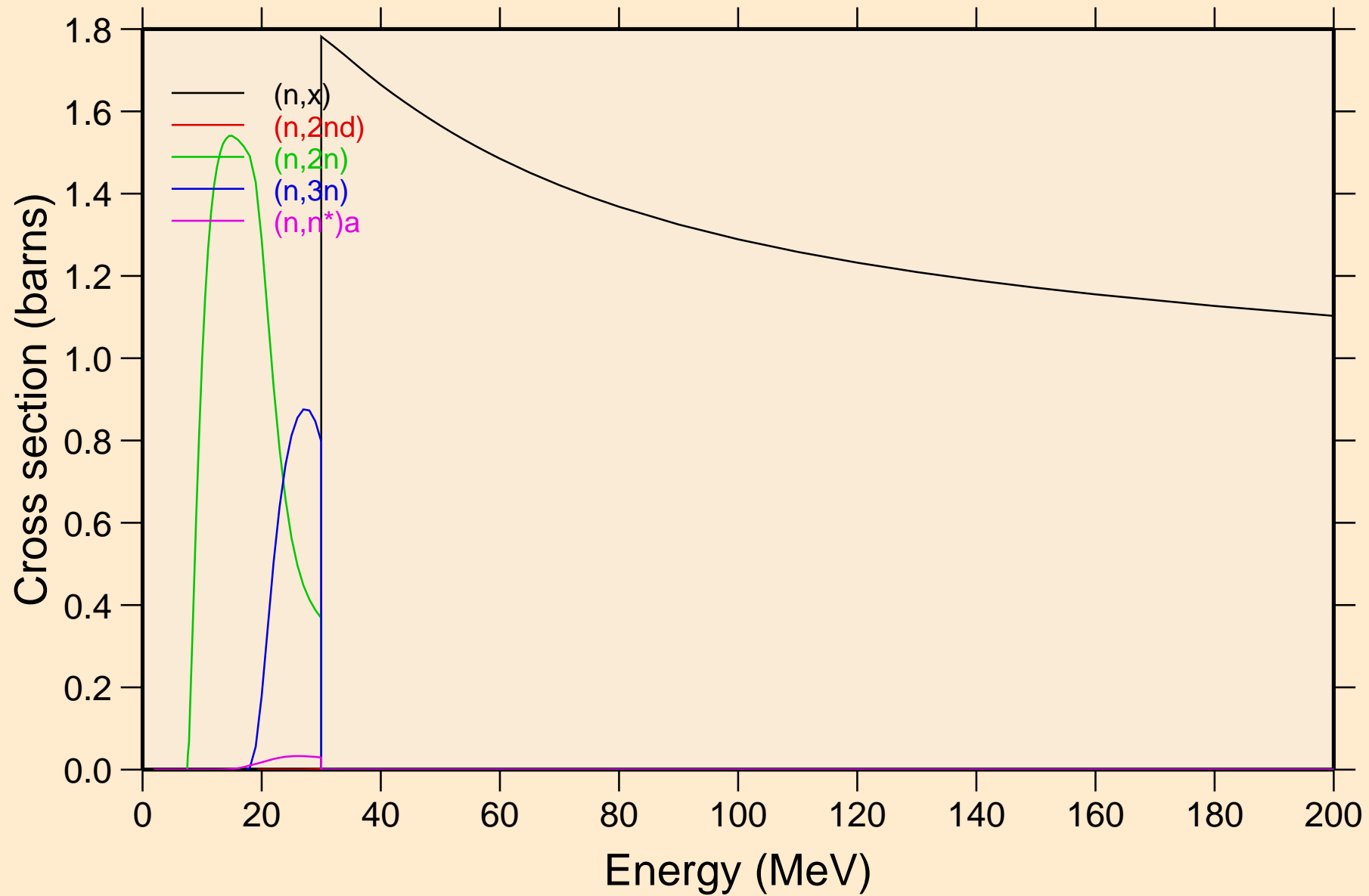
# SB118 NRG TENDL-2015, AKONING

## Inelastic levels



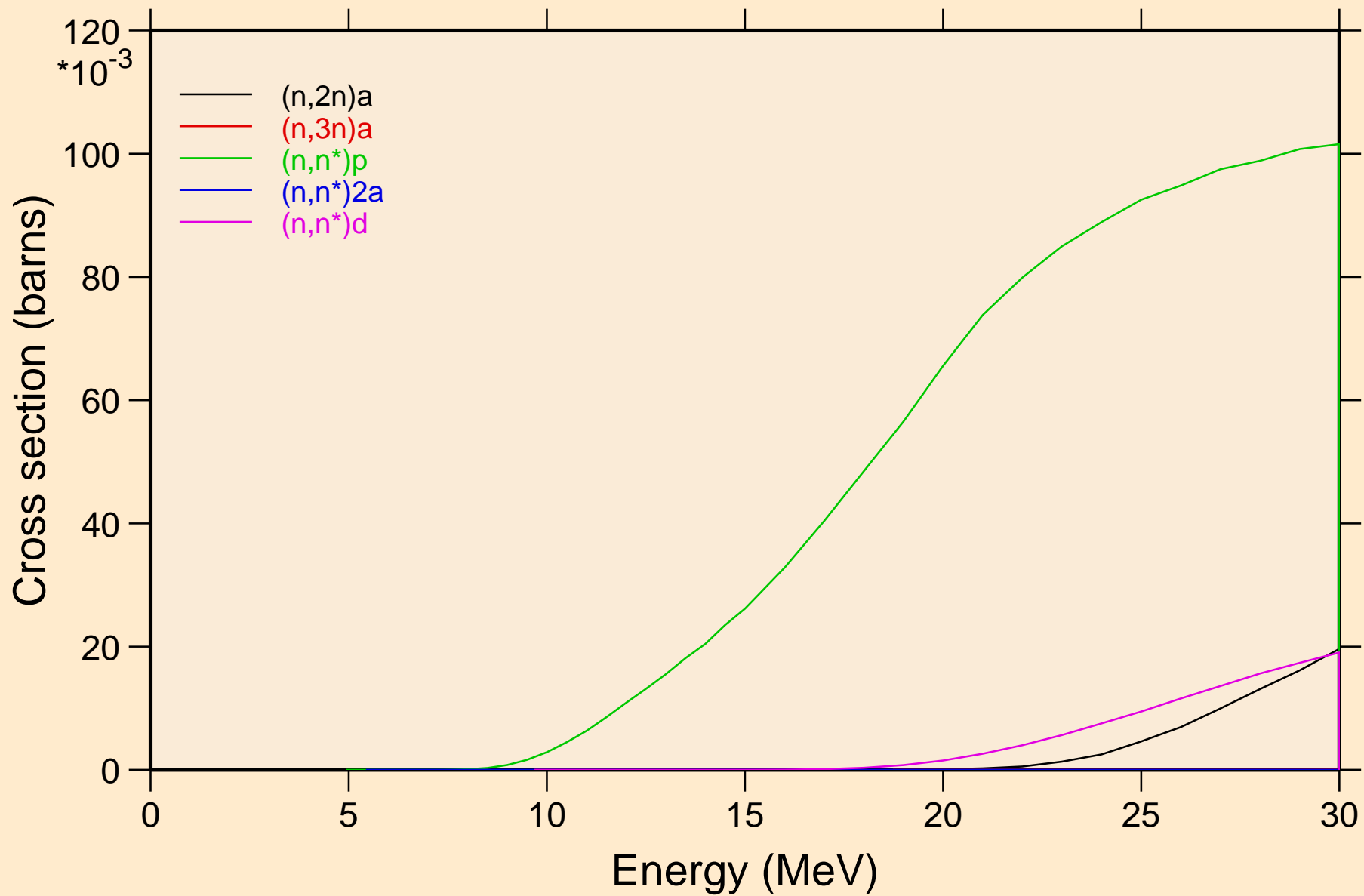
# SB118 NRG TENDL-2015, AKONING

## Threshold reactions



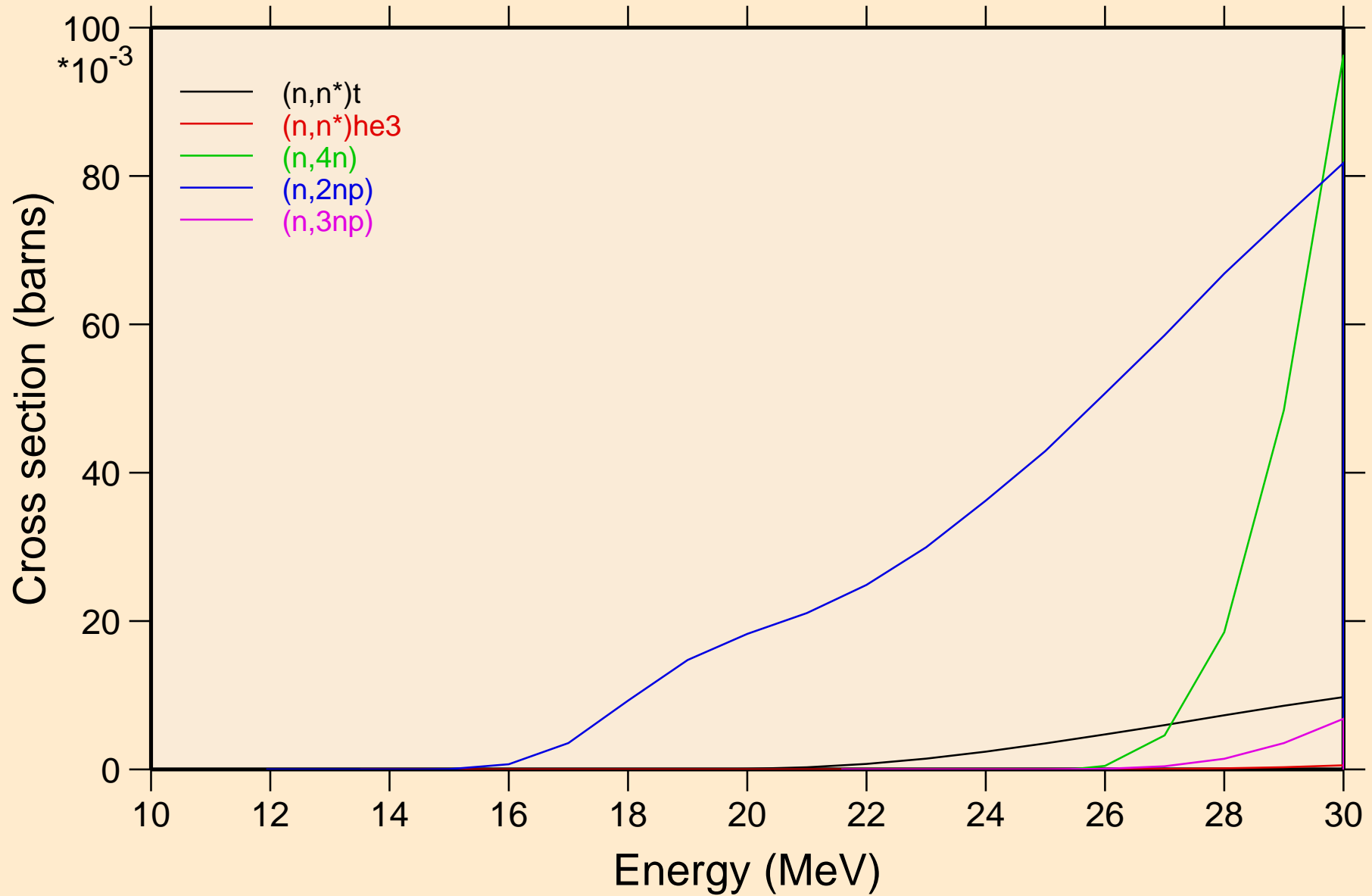
# SB118 NRG TENDL-2015, AKONING

## Threshold reactions



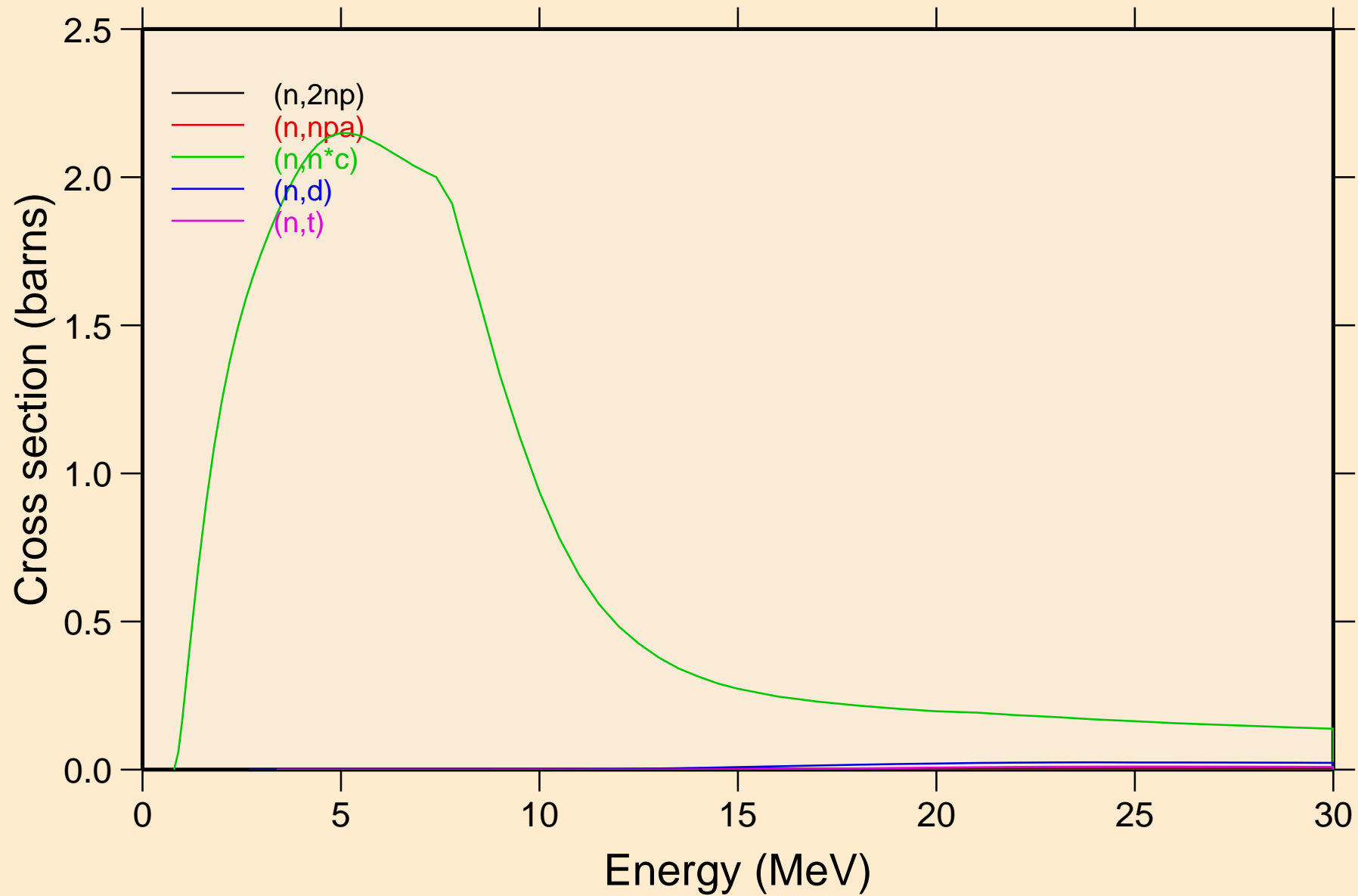
# SB118 NRG TENDL-2015, AKONING

## Threshold reactions



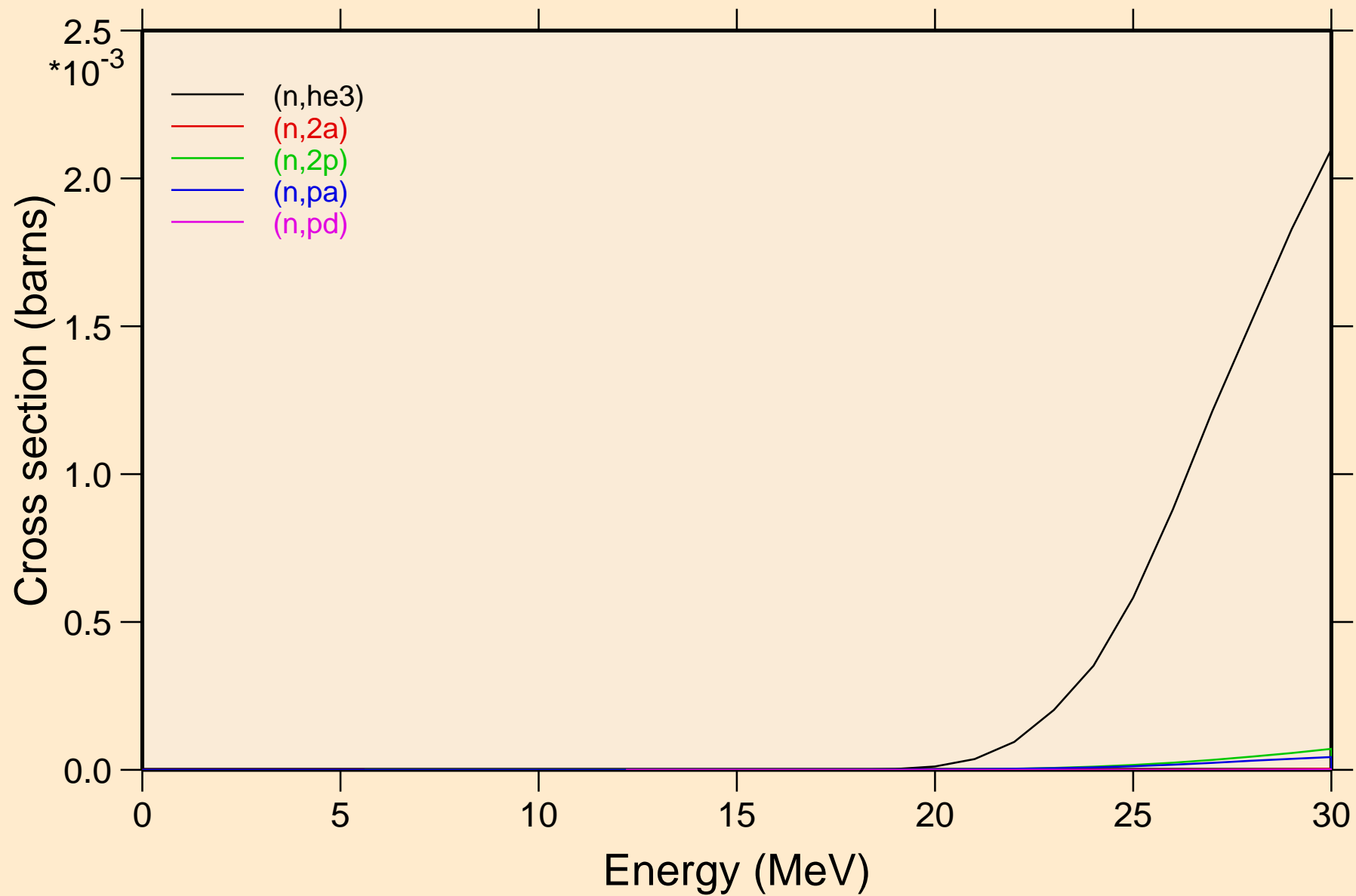
# SB118 NRG TENDL-2015, AKONING

## Threshold reactions



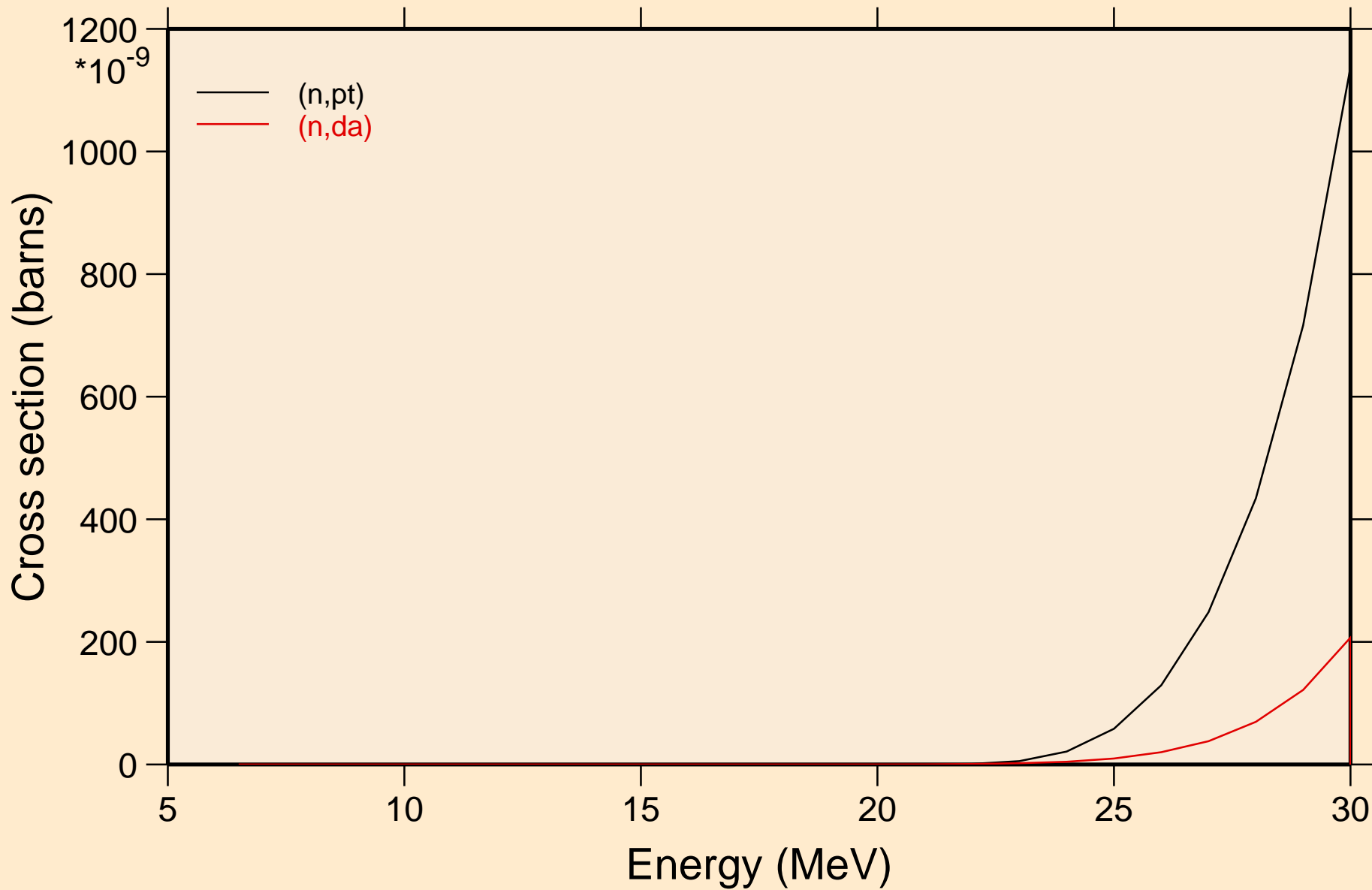
# SB118 NRG TENDL-2015, AKONING

## Threshold reactions



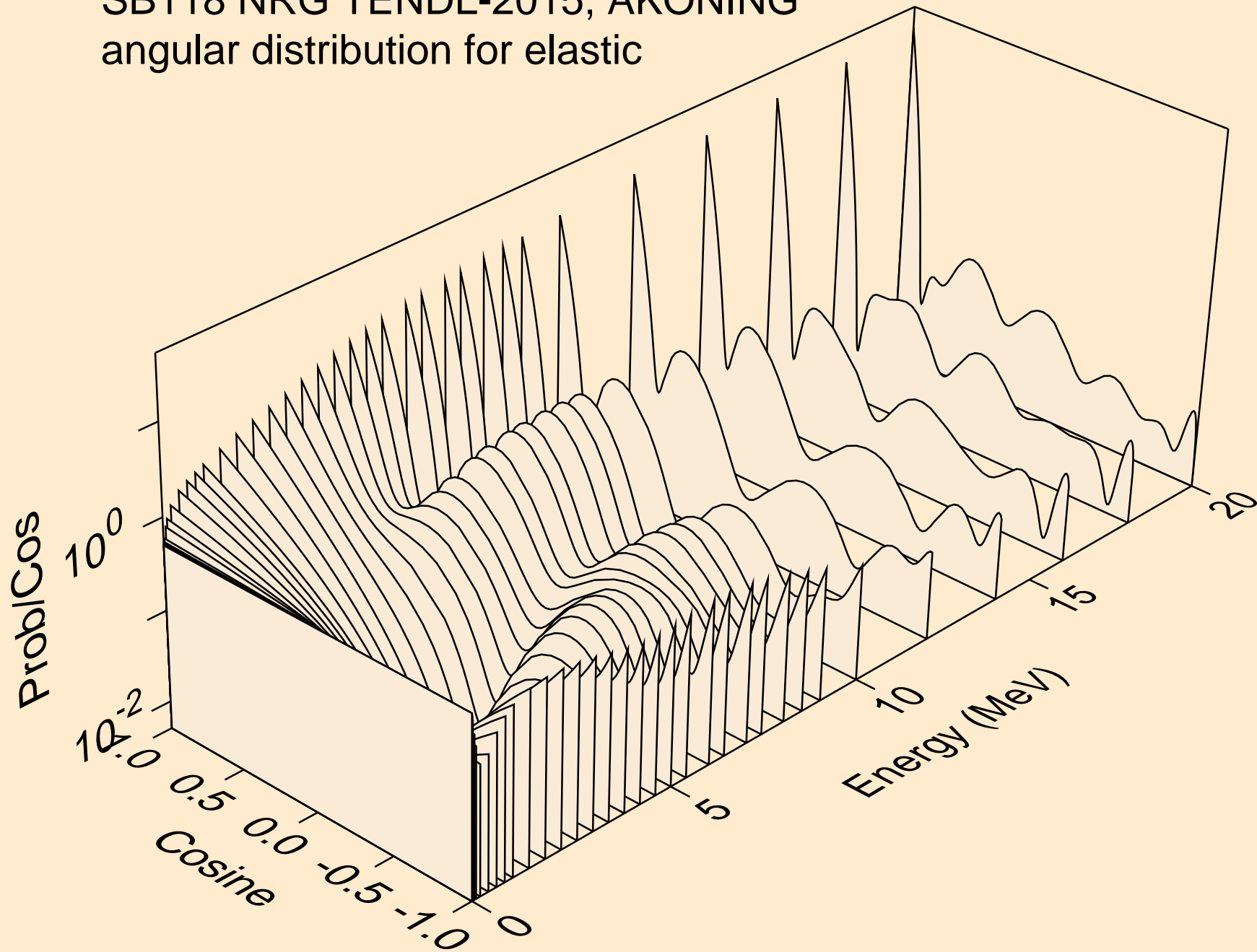
# SB118 NRG TENDL-2015, AKONING

## Threshold reactions

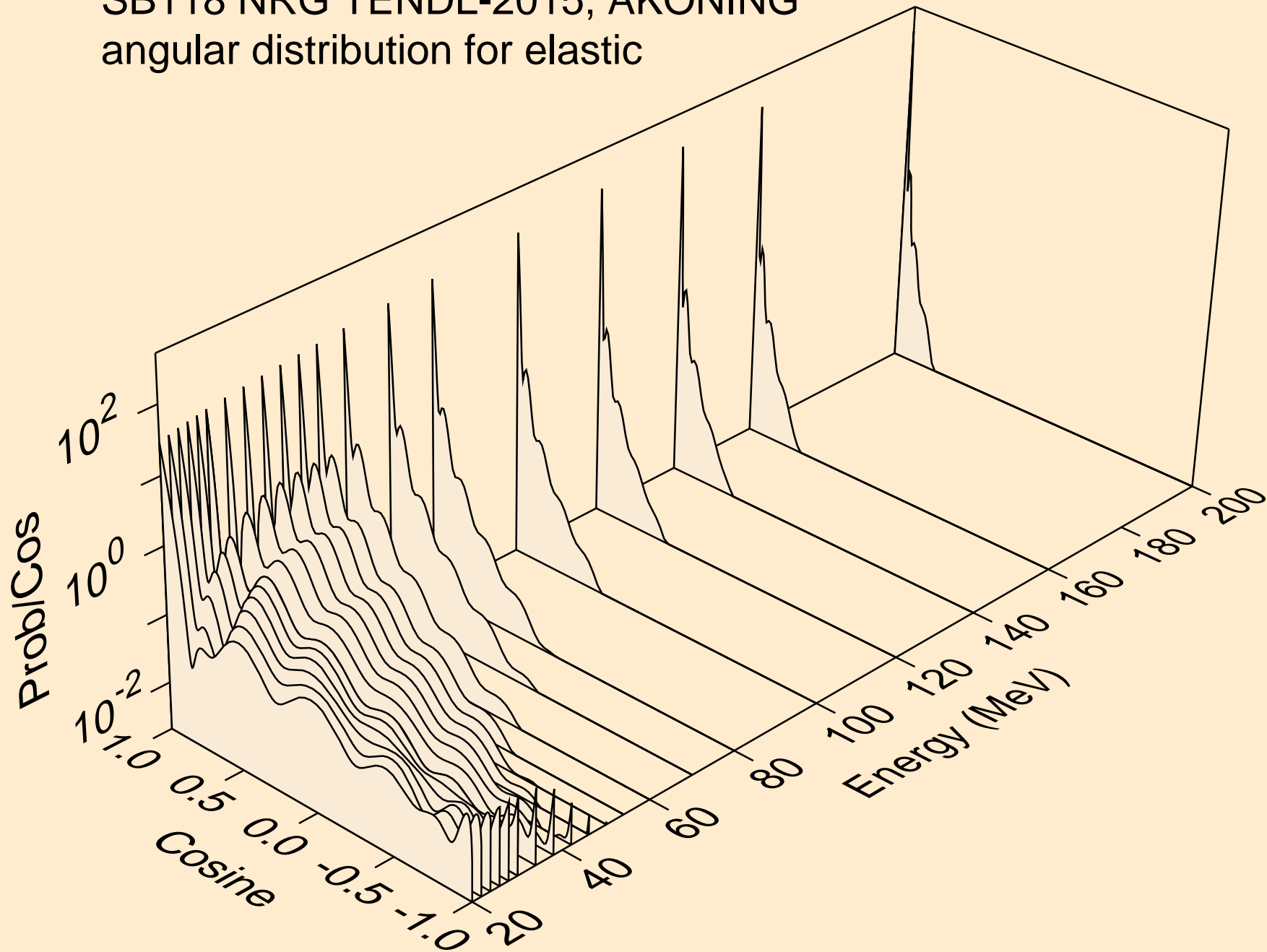




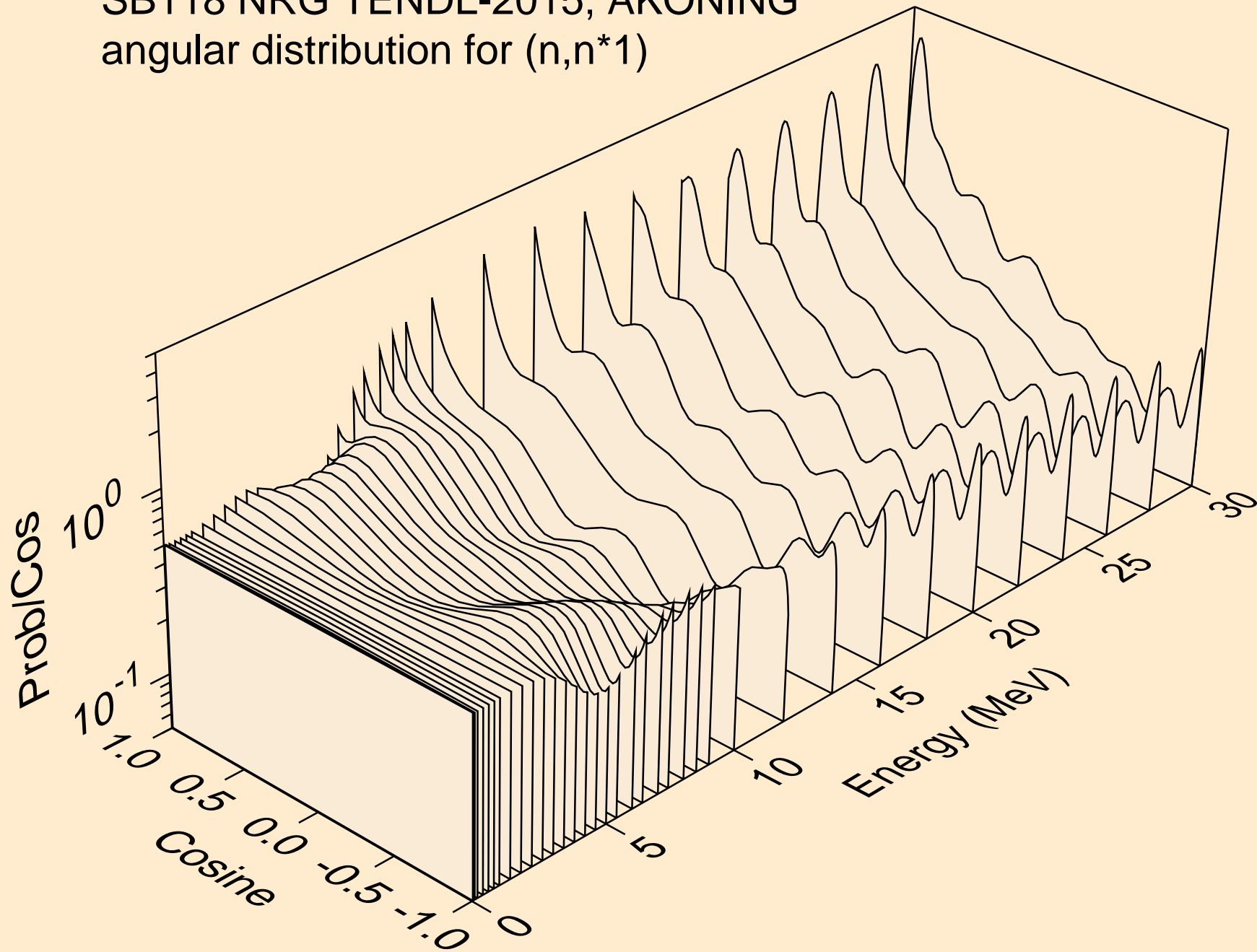
SB118 NRG TENDL-2015, AKONING  
angular distribution for elastic



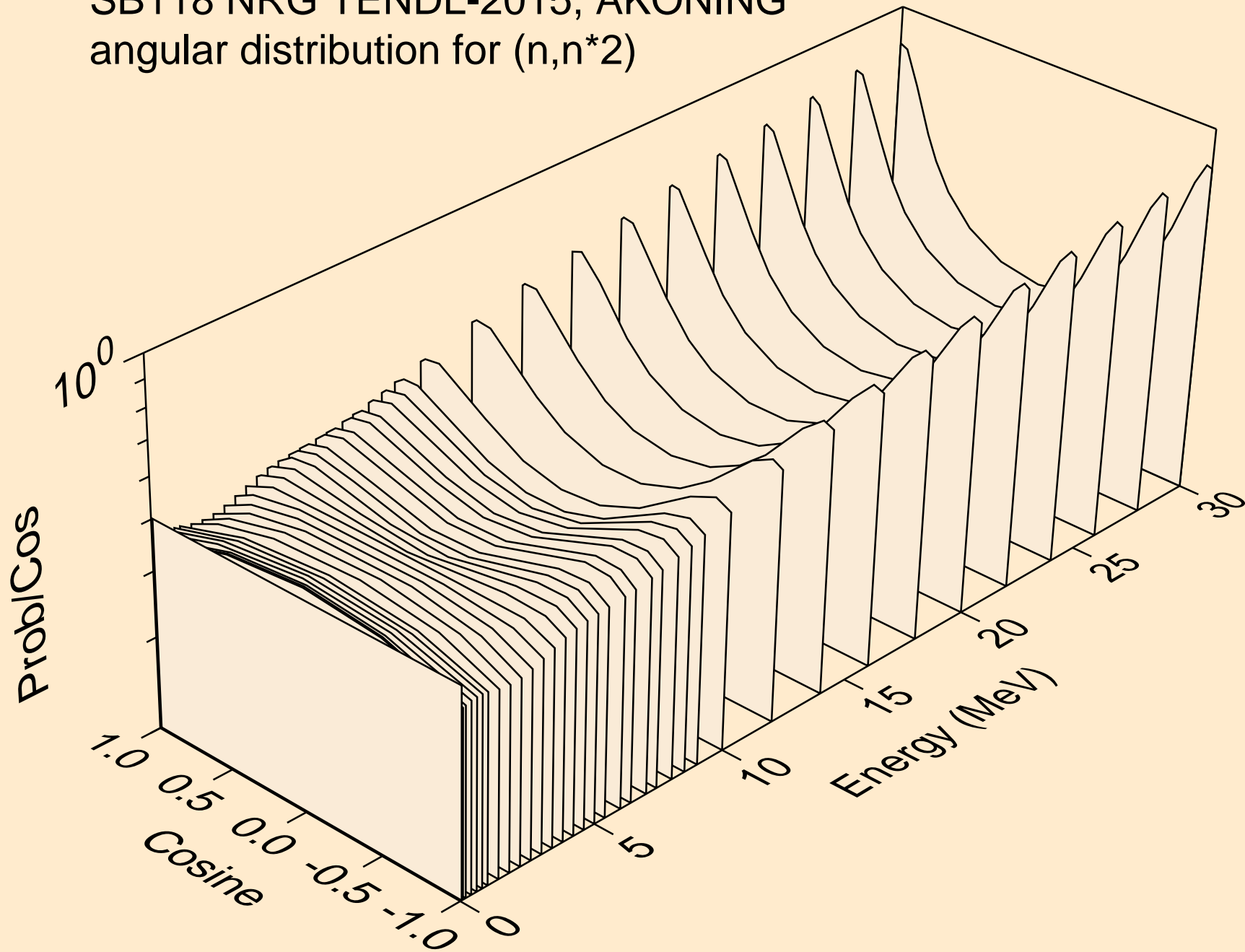
SB118 NRG TENDL-2015, AKONING  
angular distribution for elastic



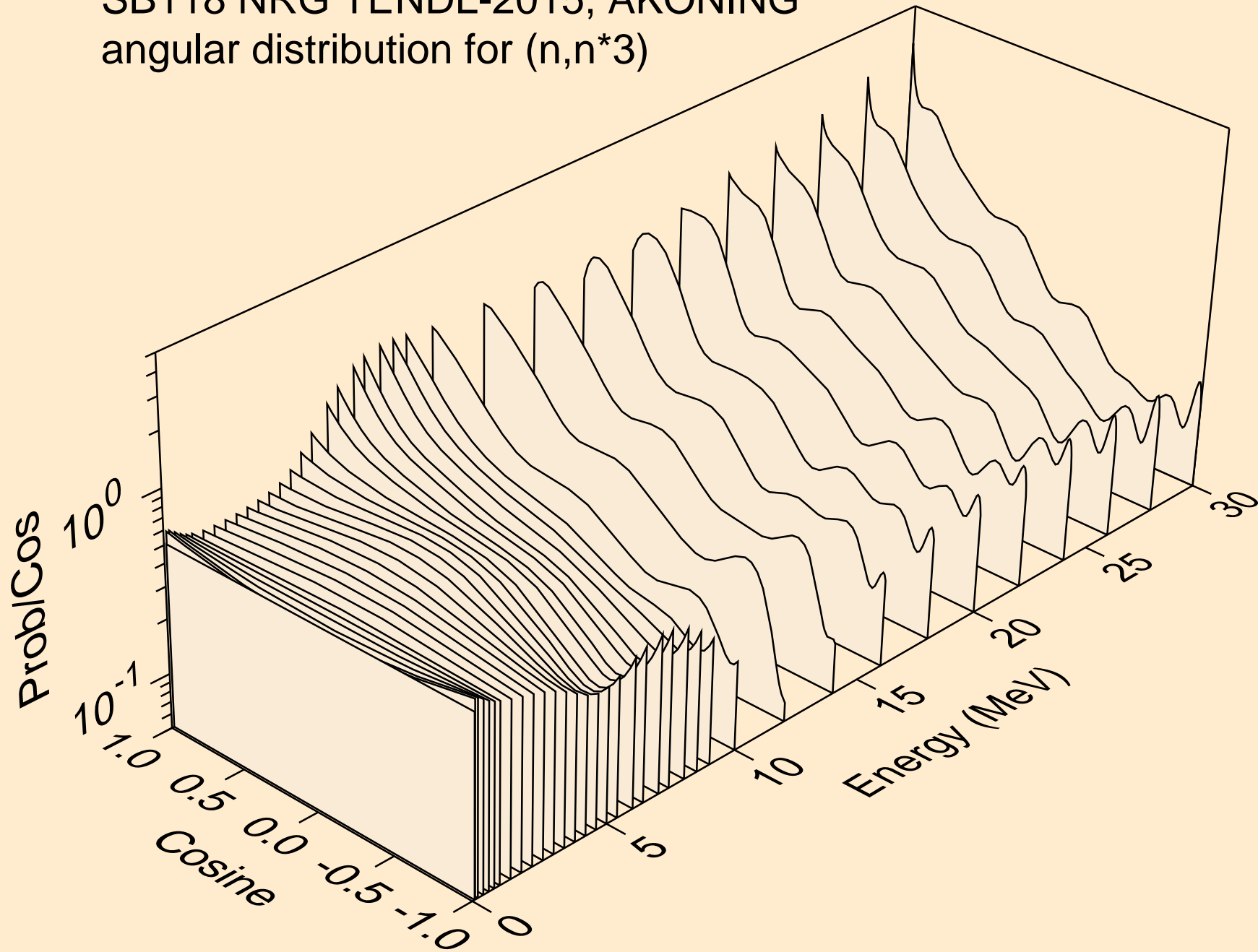
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



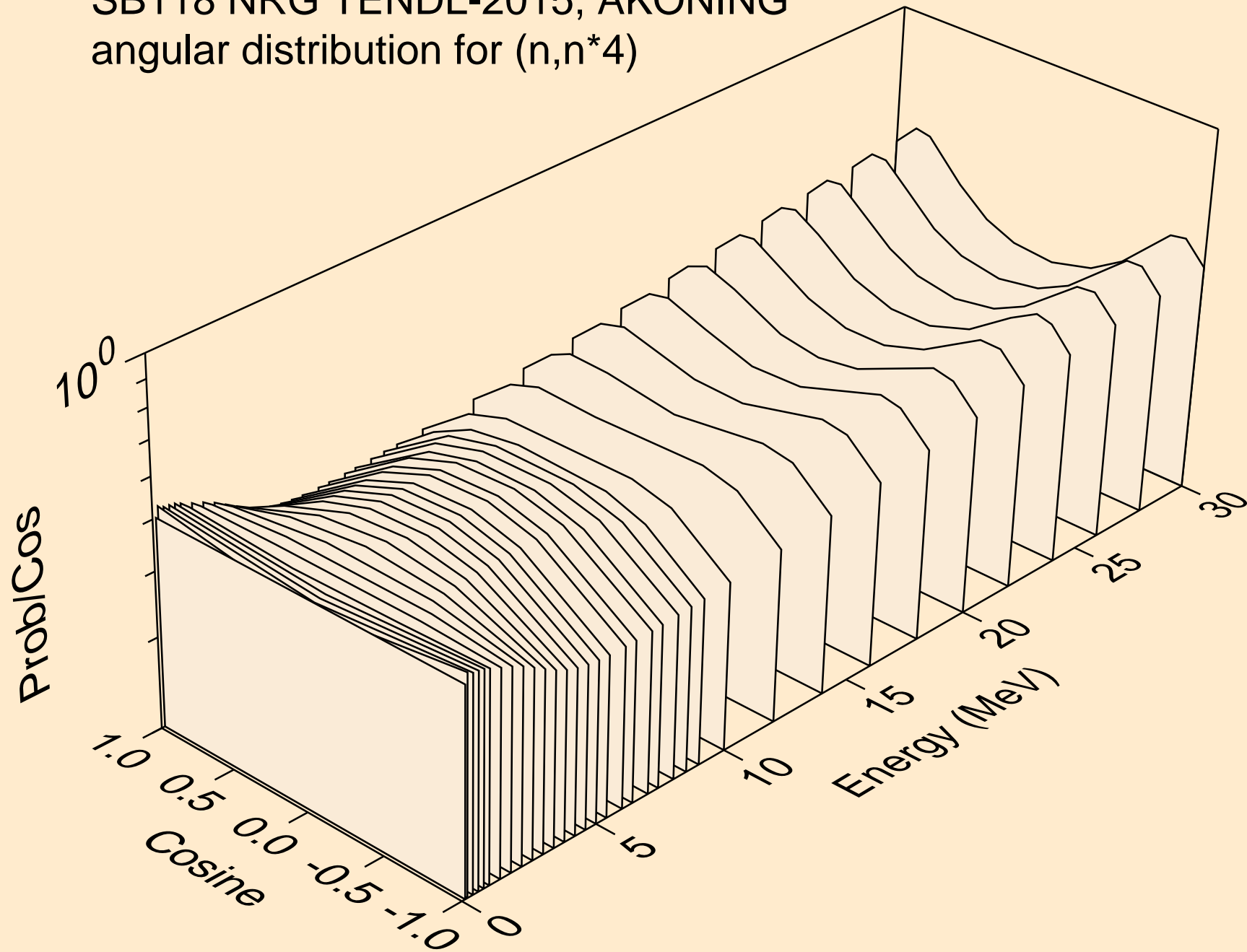
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



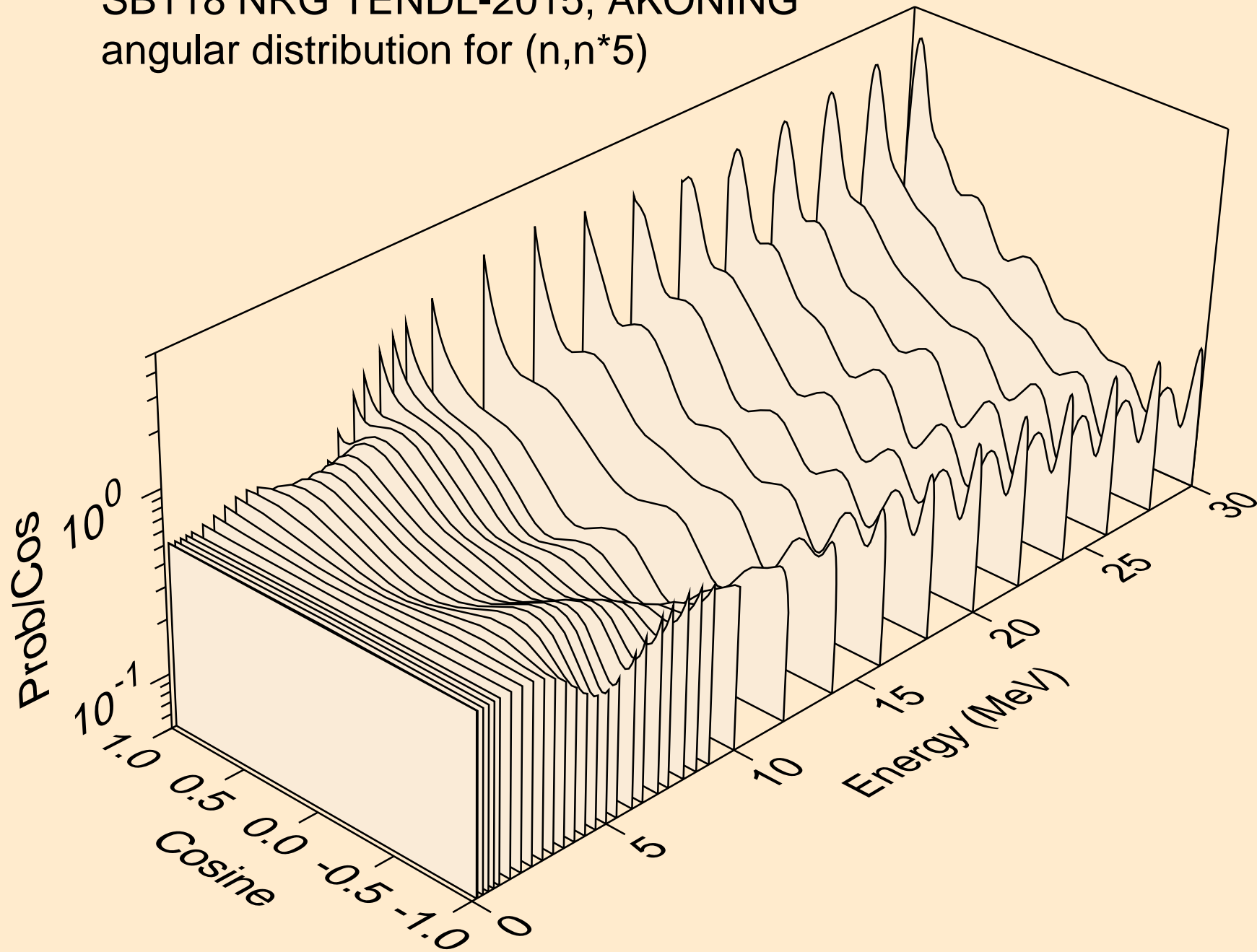
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



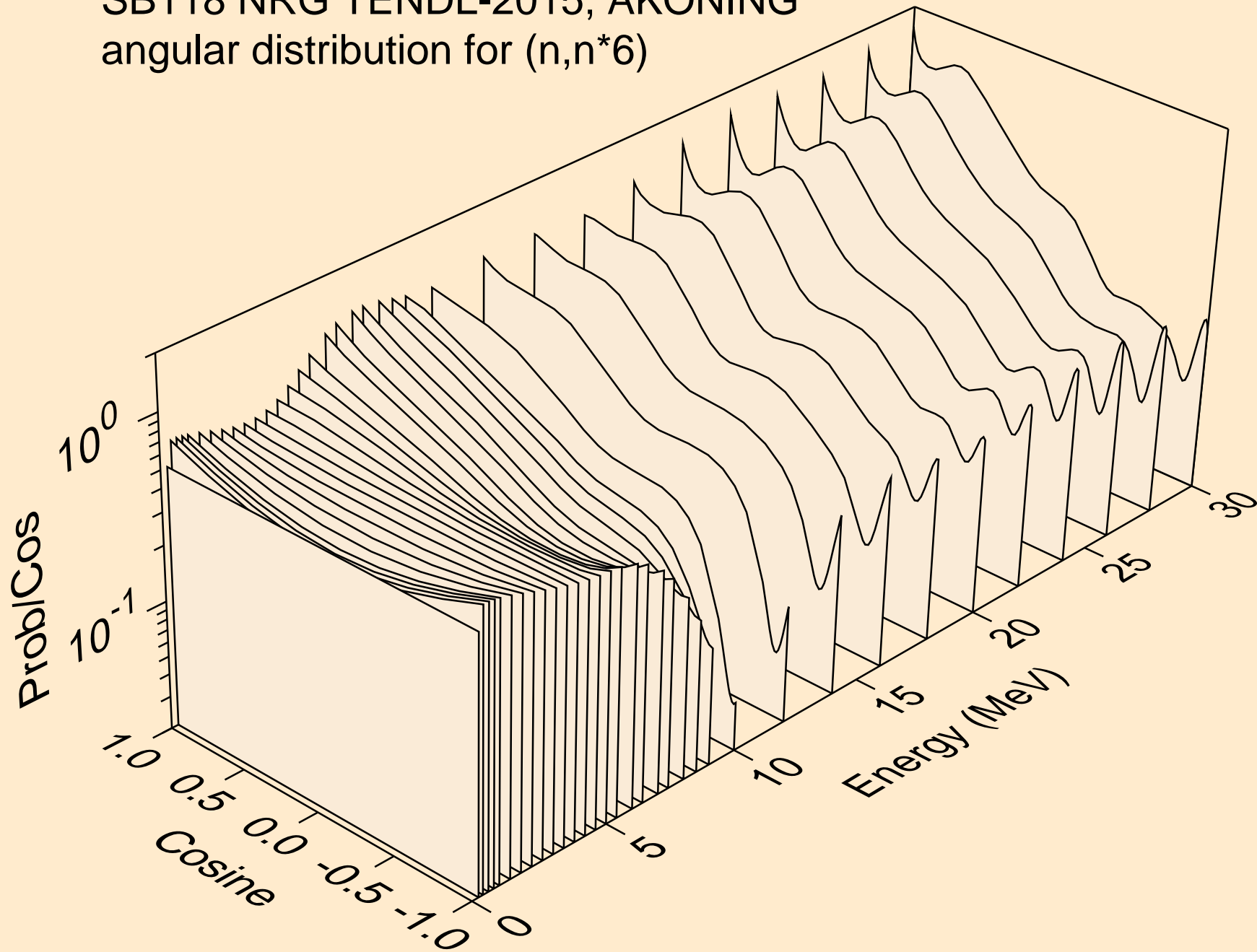
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

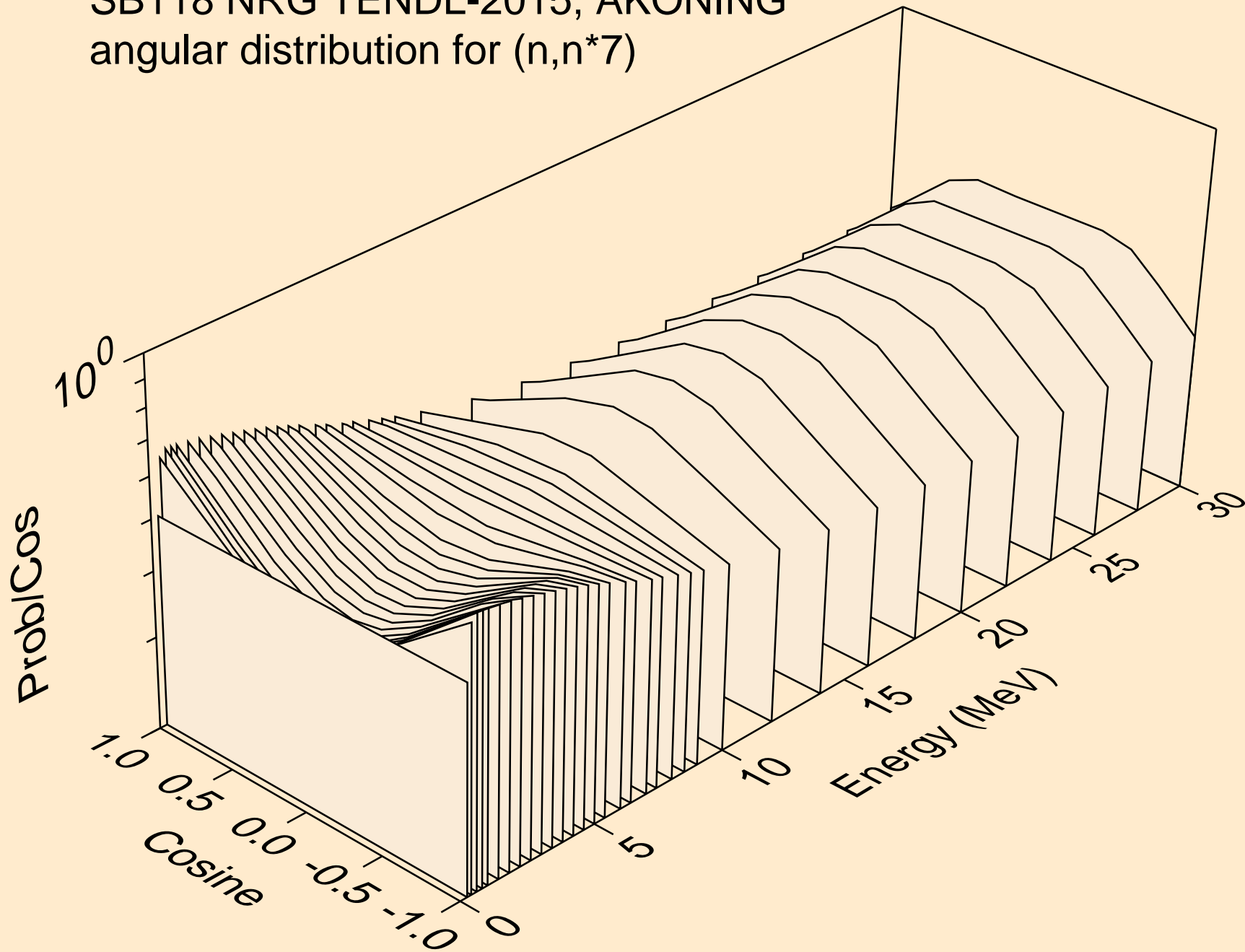


SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

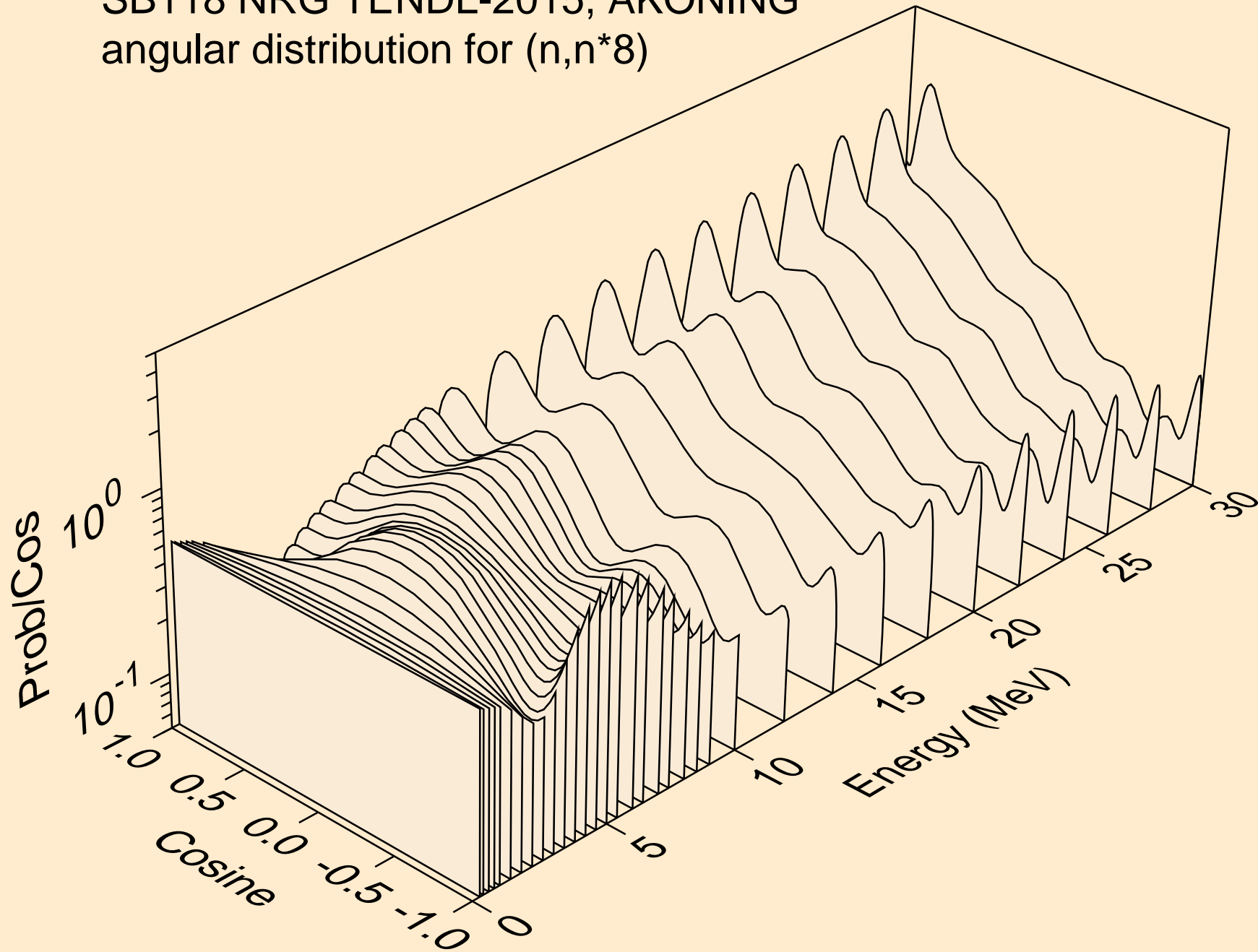




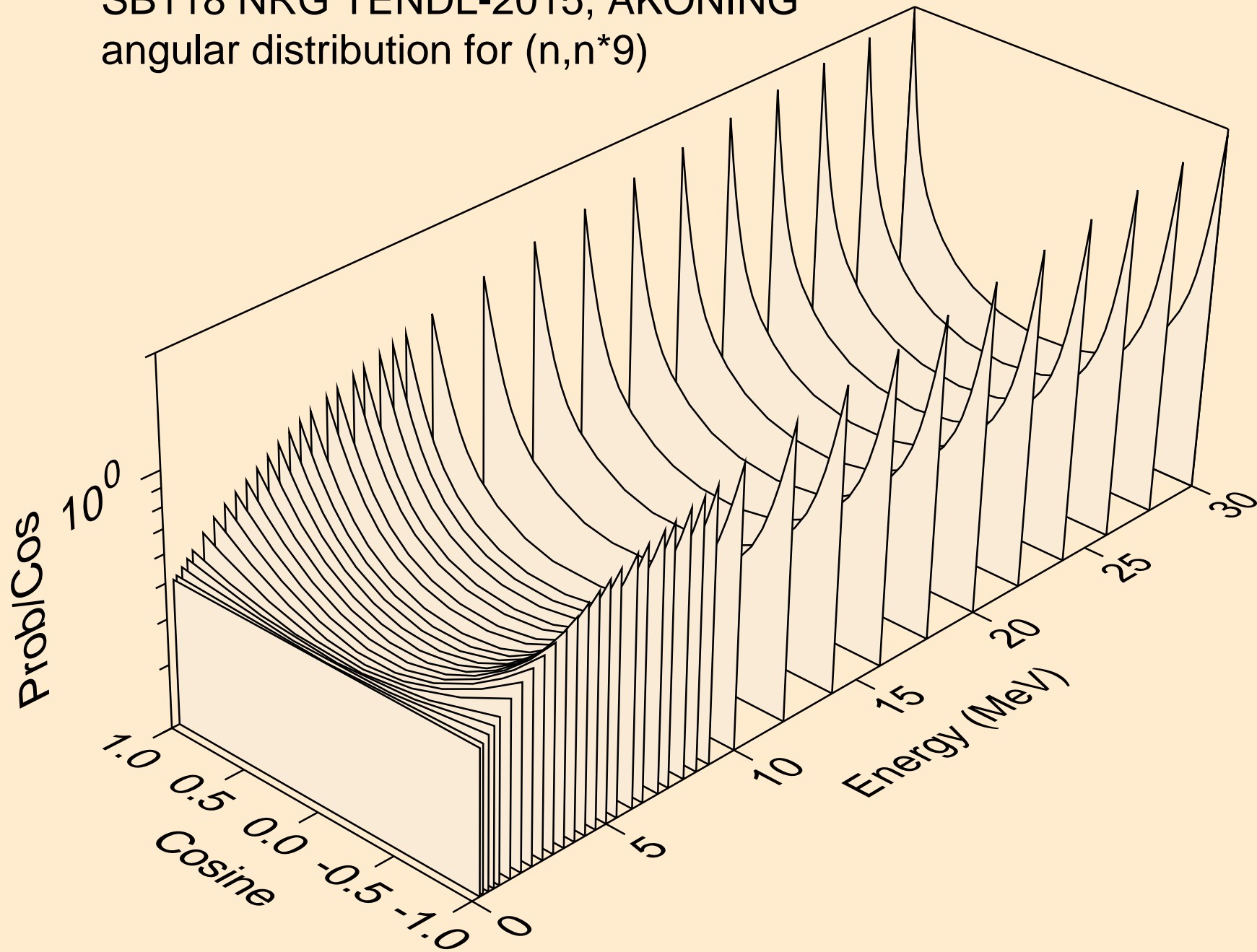
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



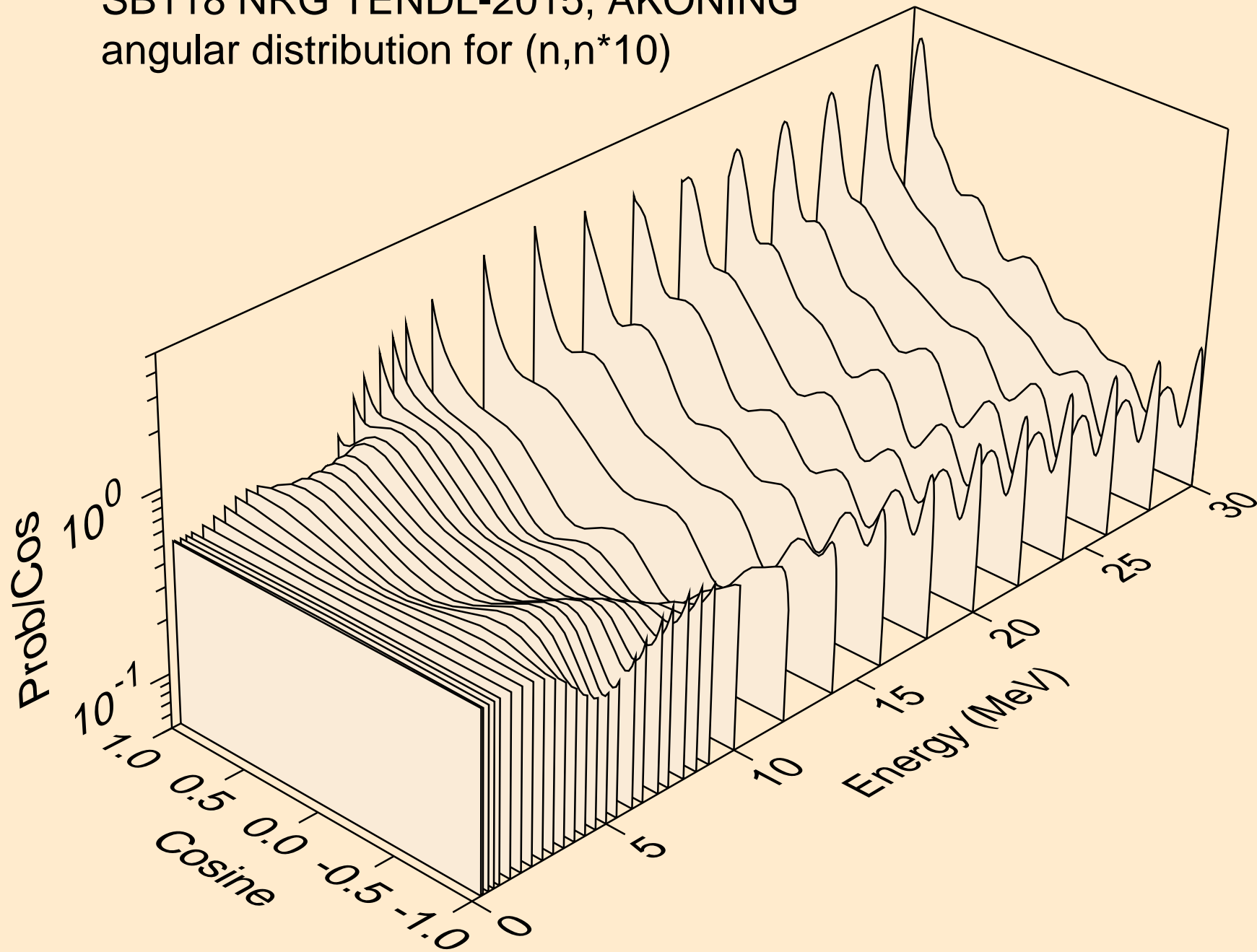
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



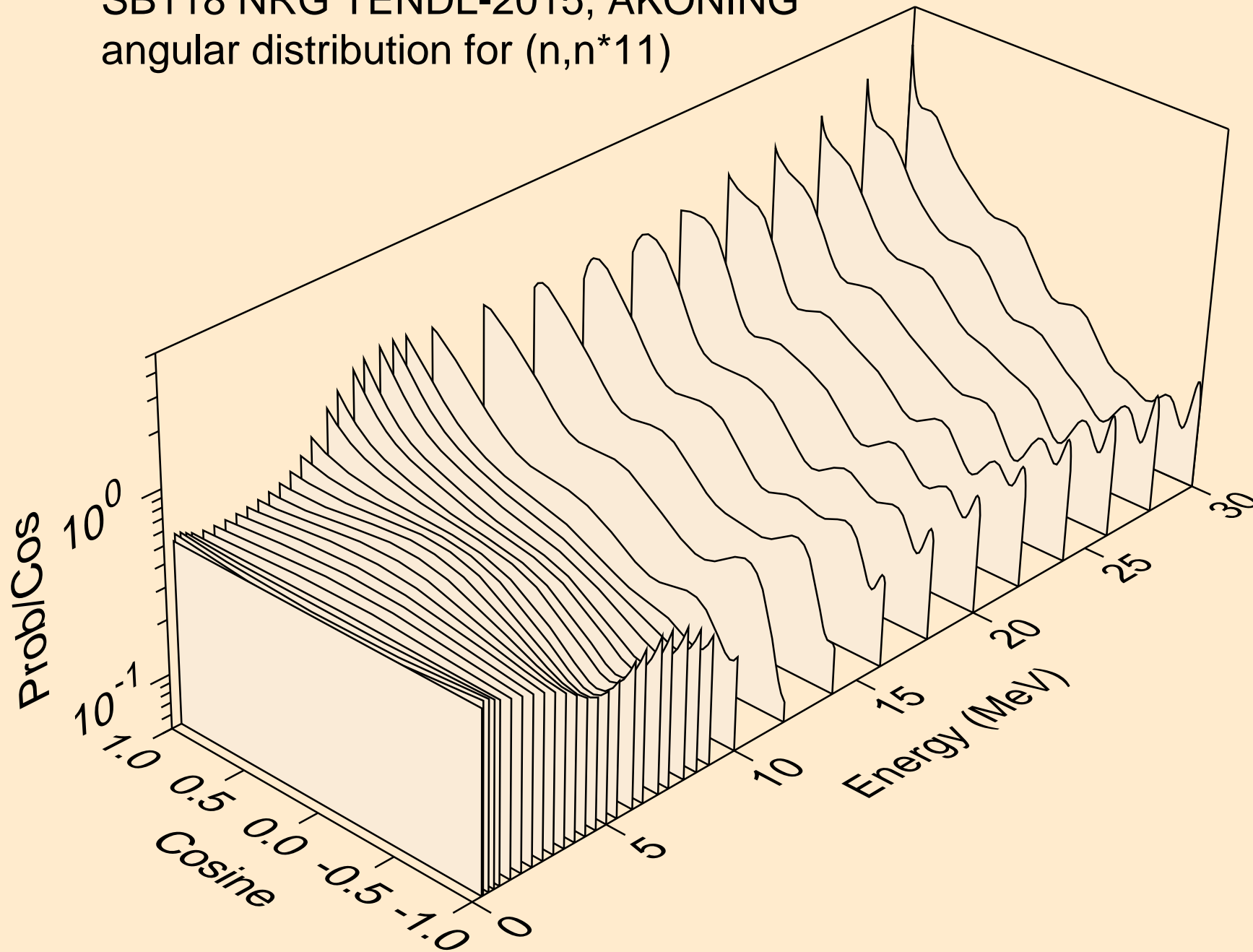
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



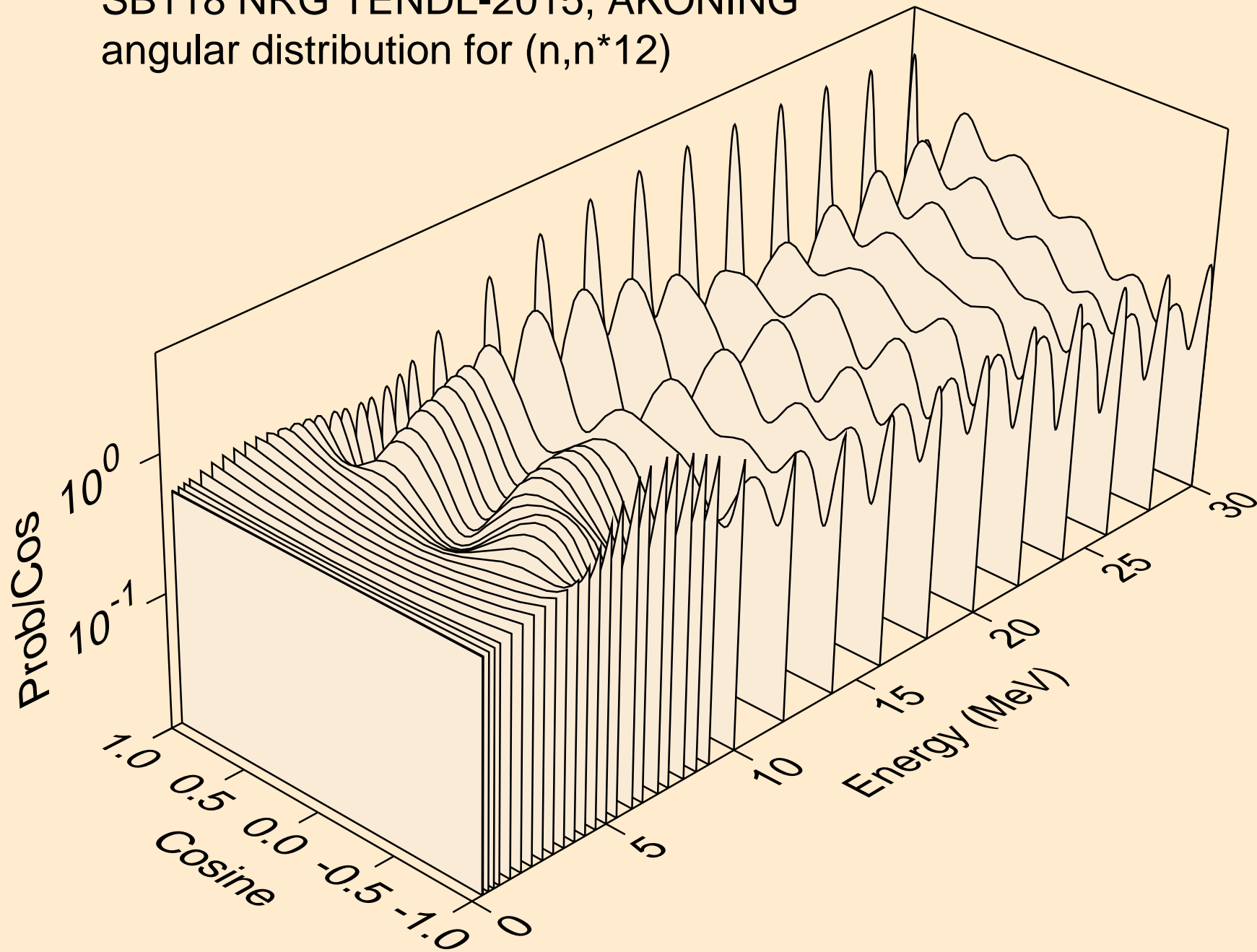
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



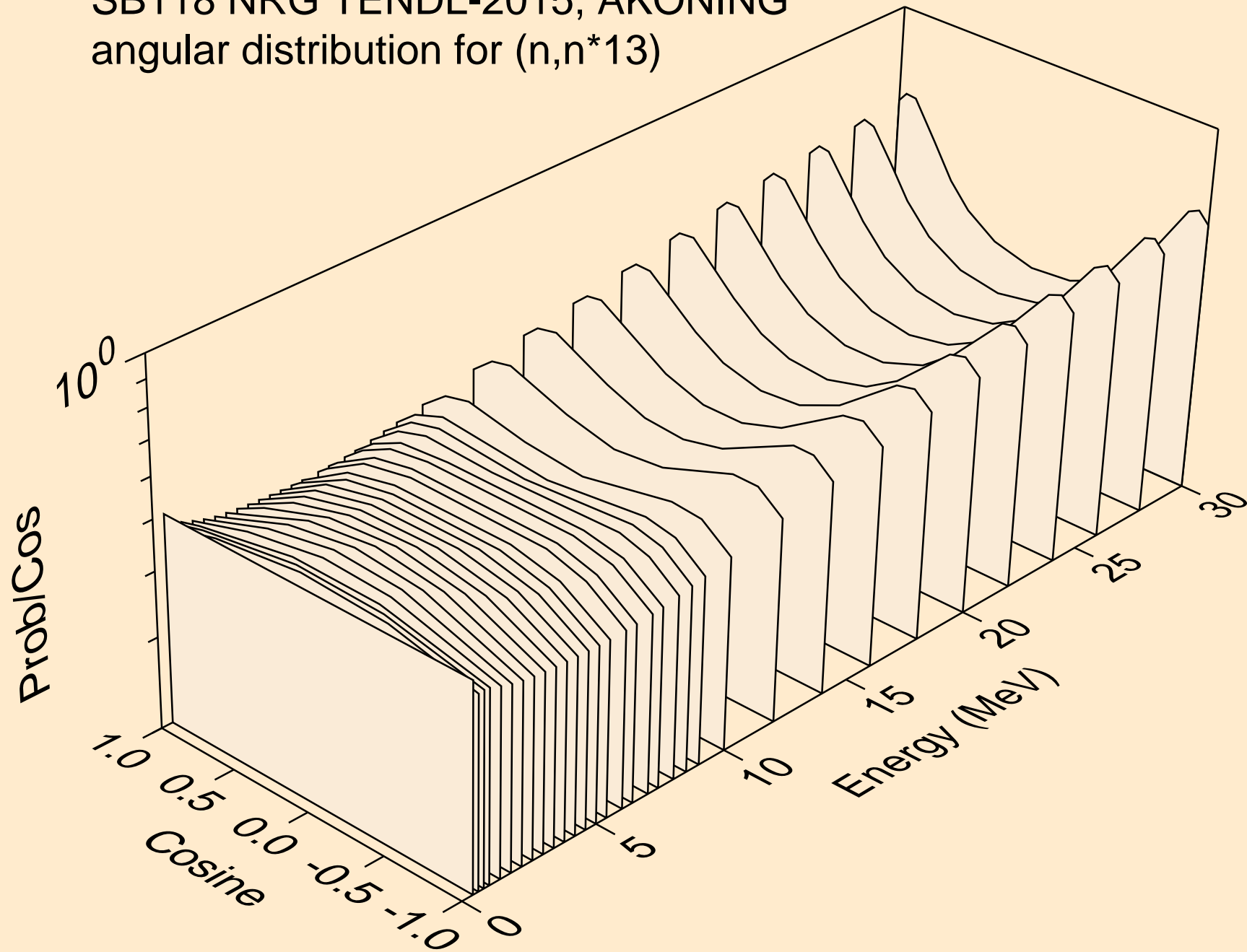
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



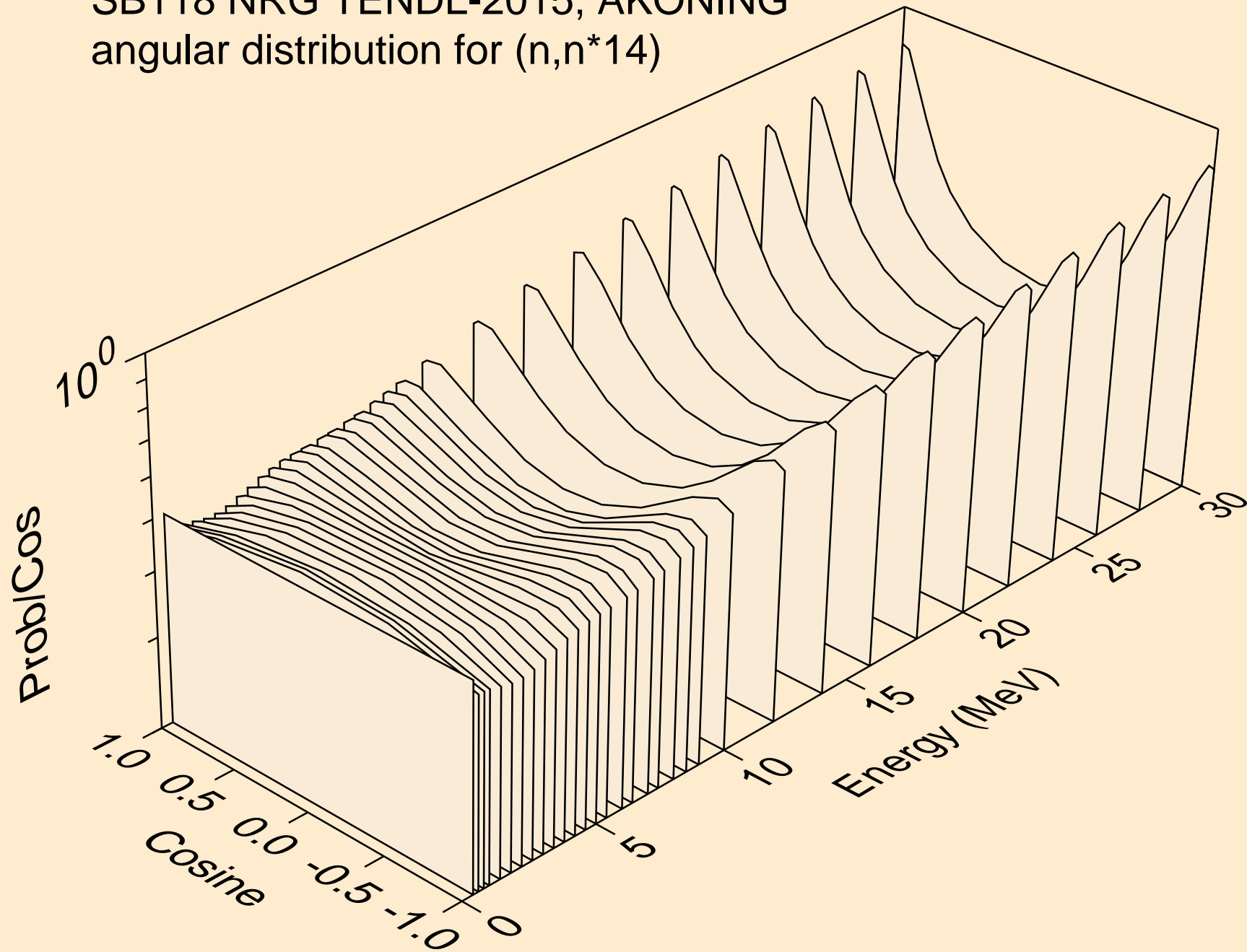
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

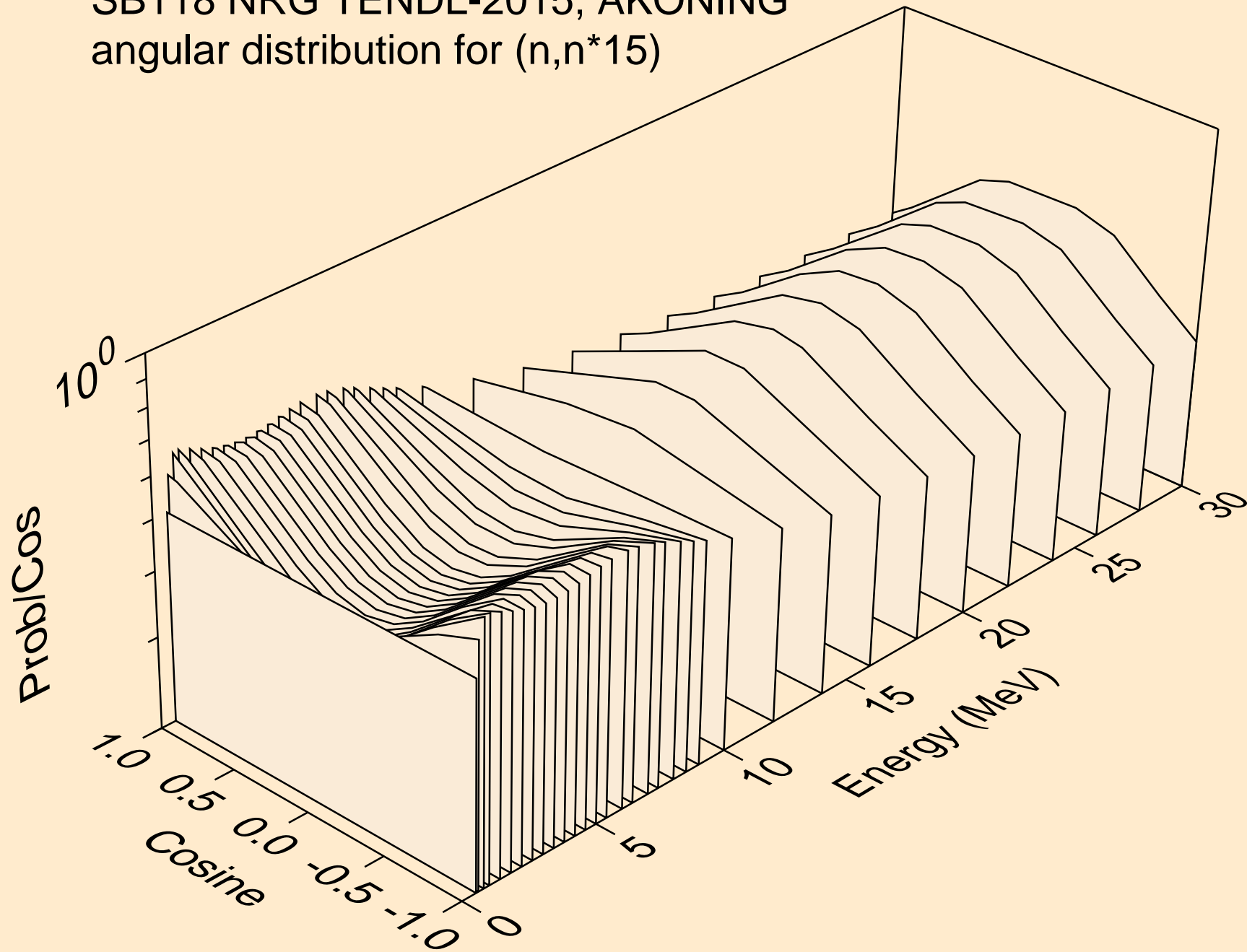


SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

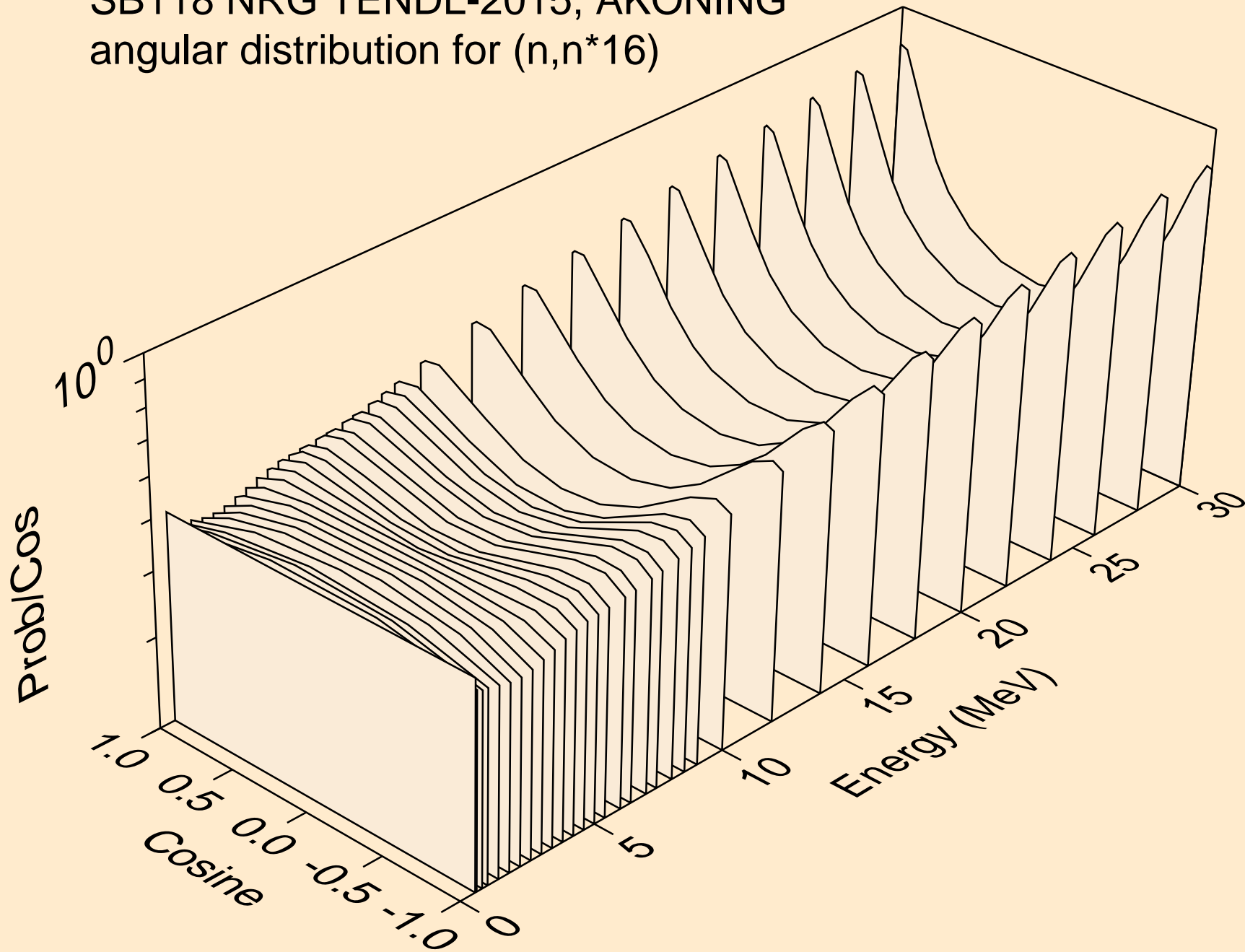




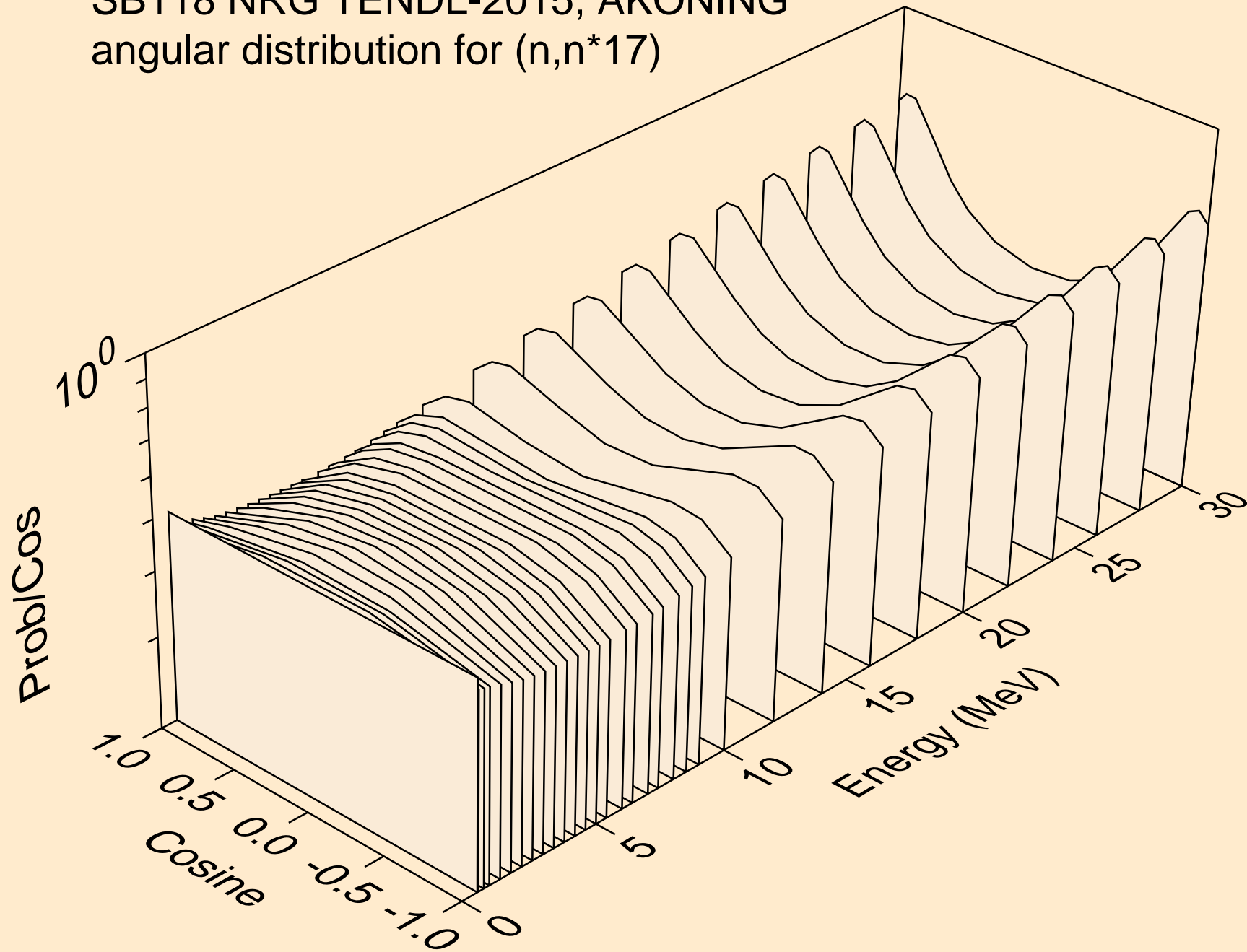
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



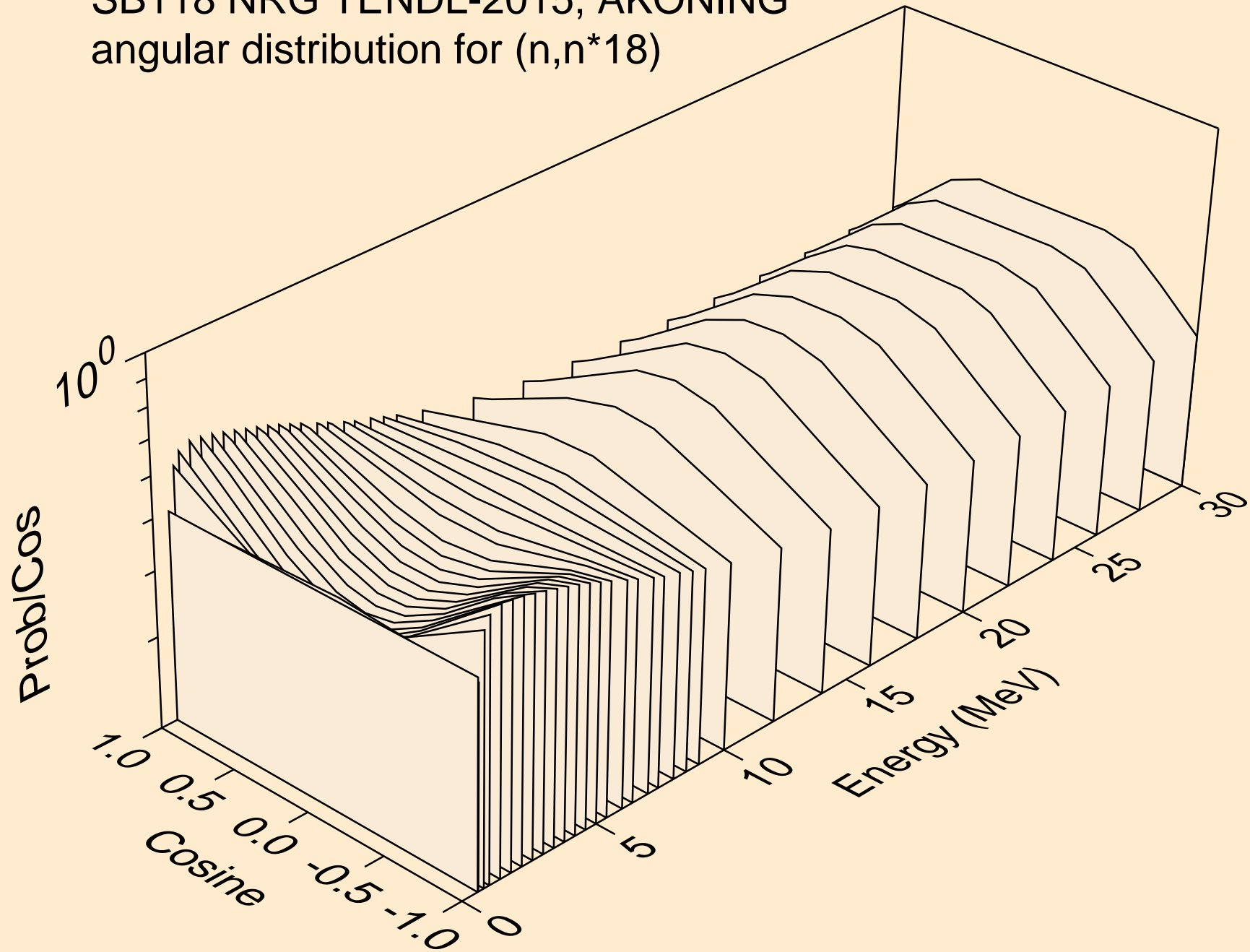
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



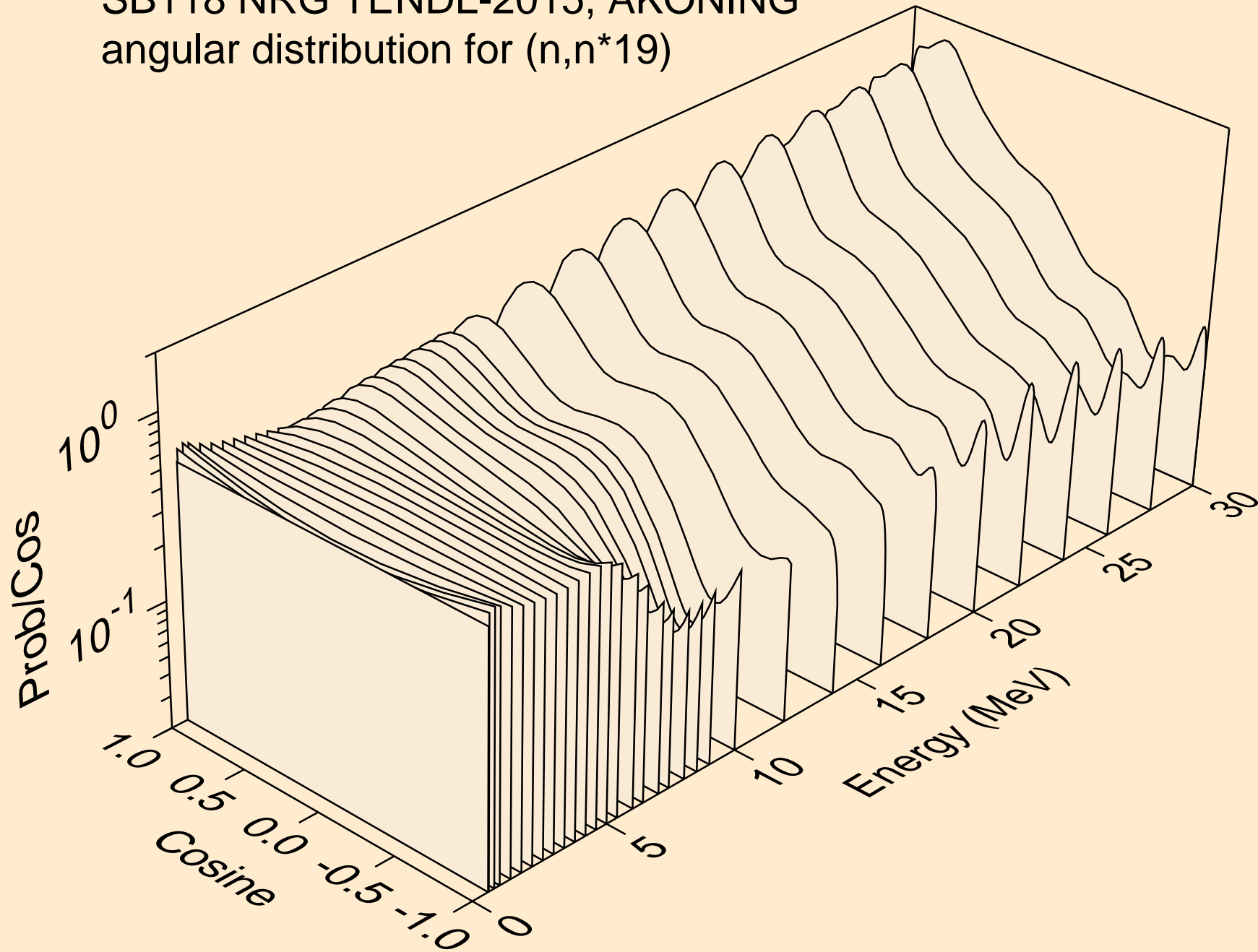
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



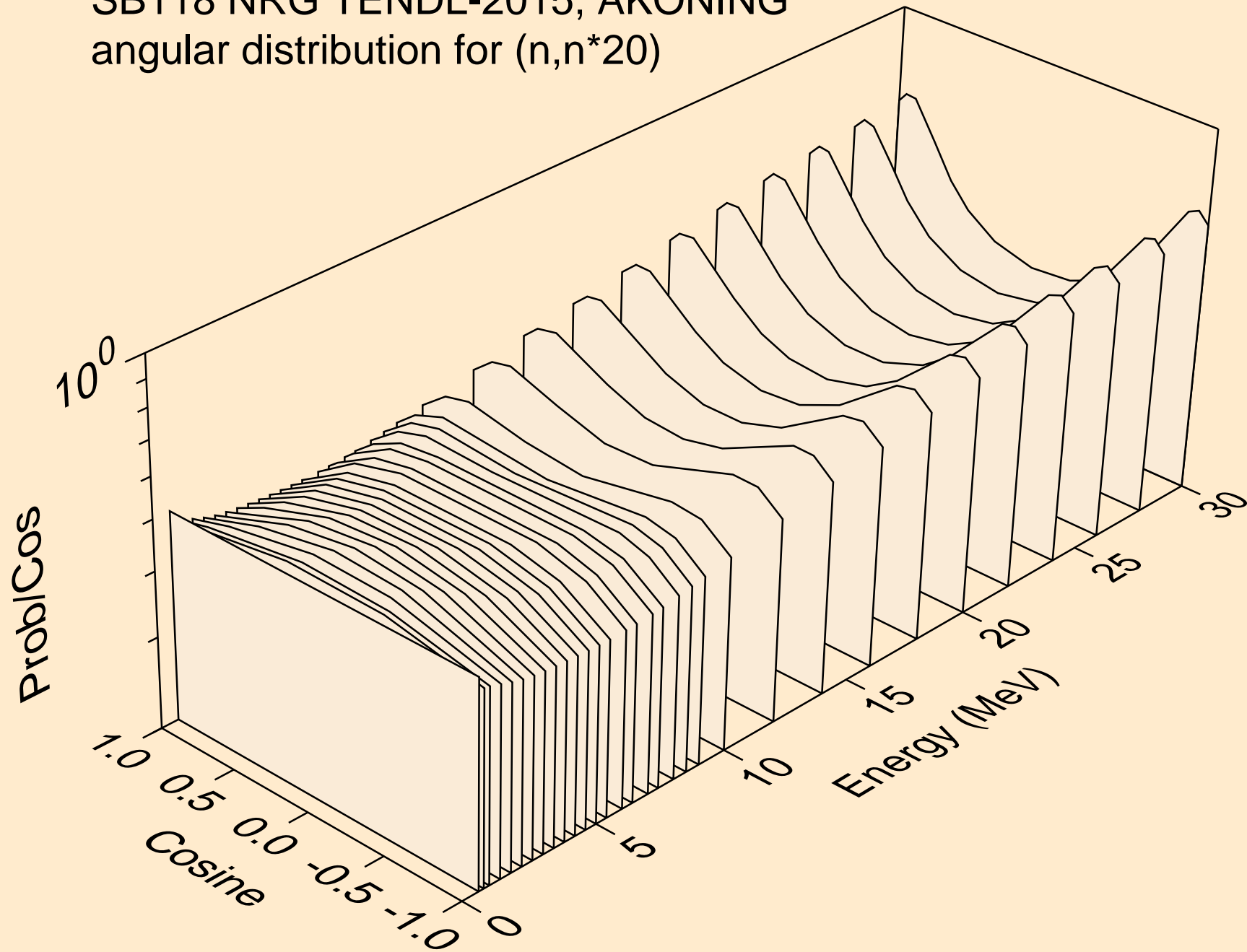
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



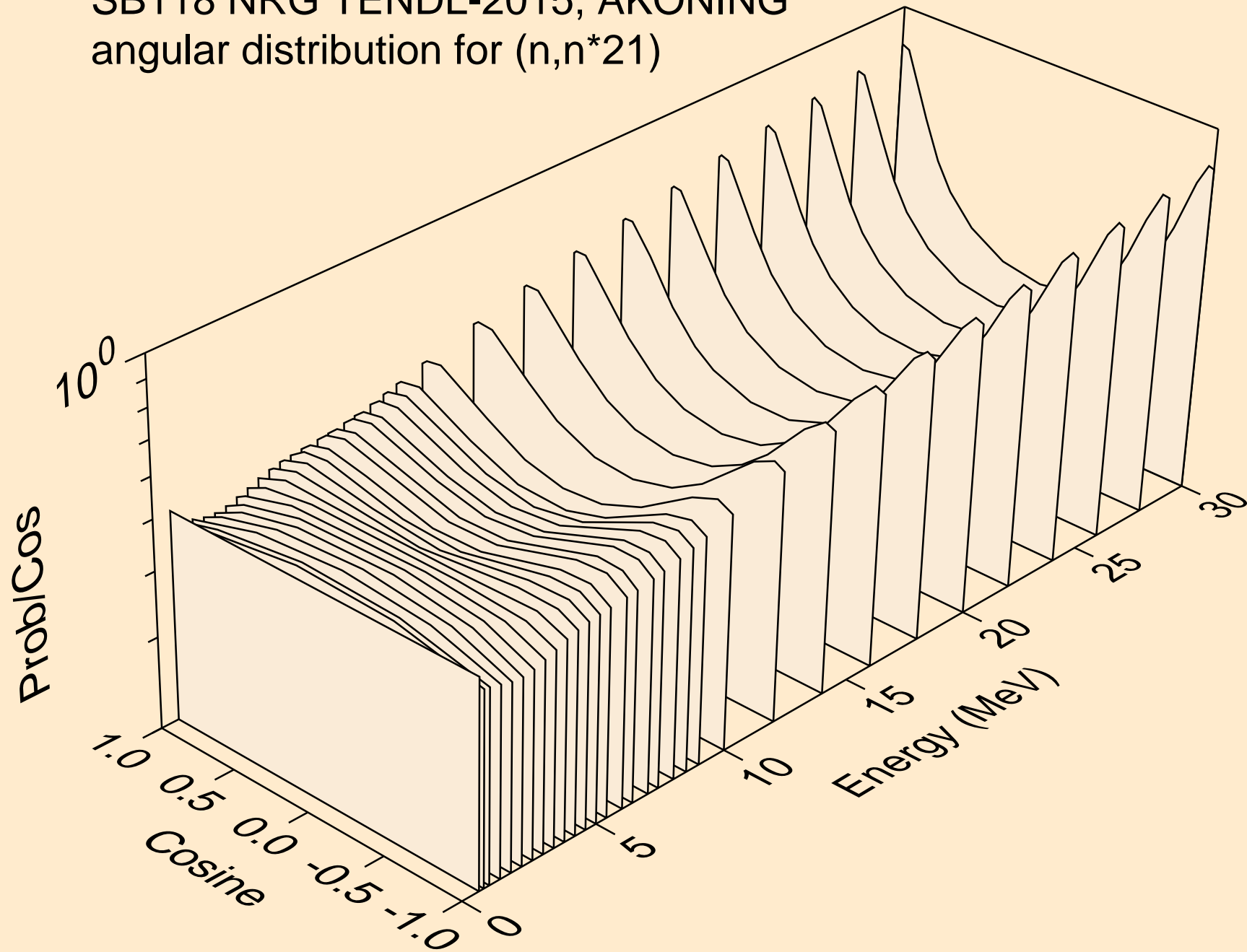
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



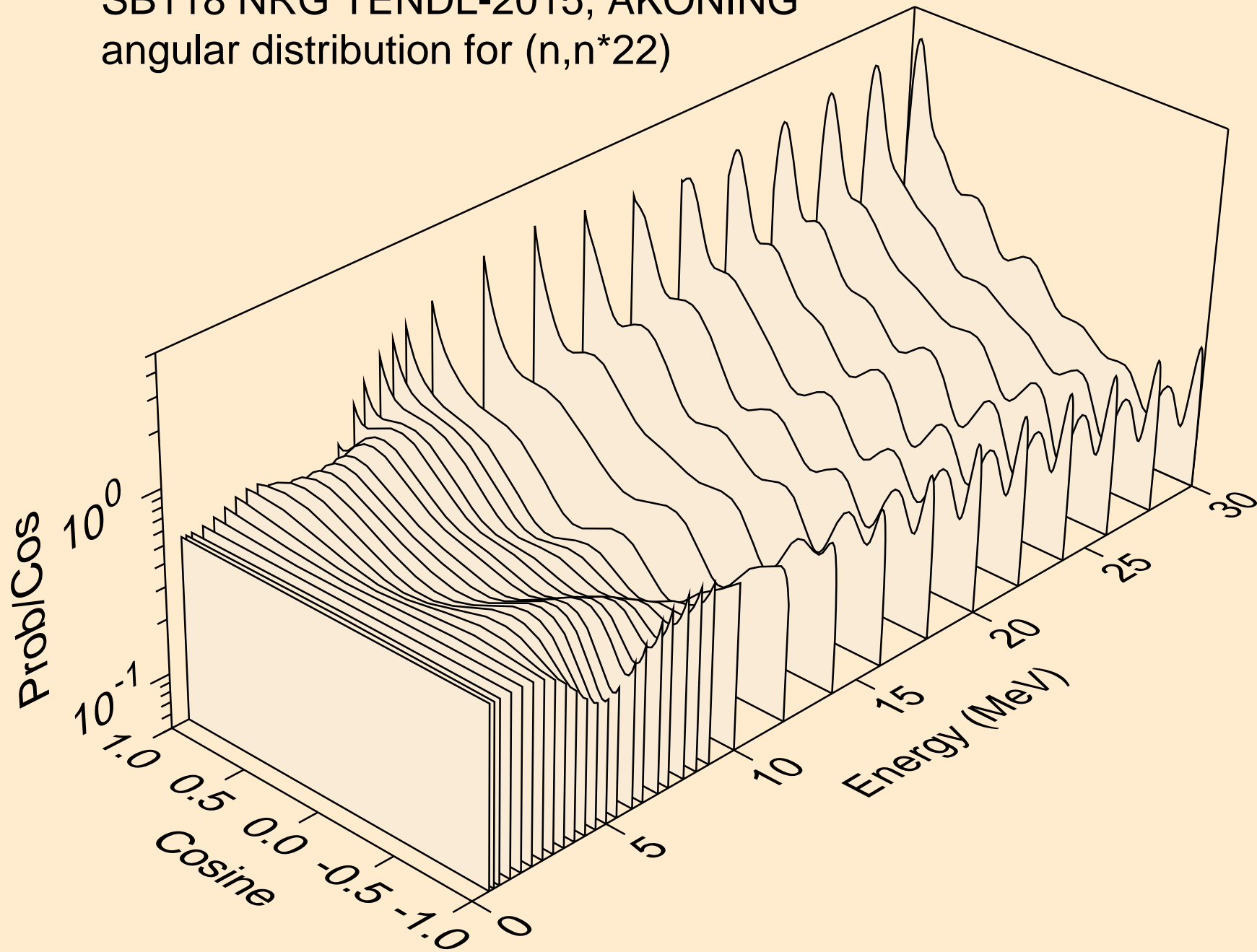
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

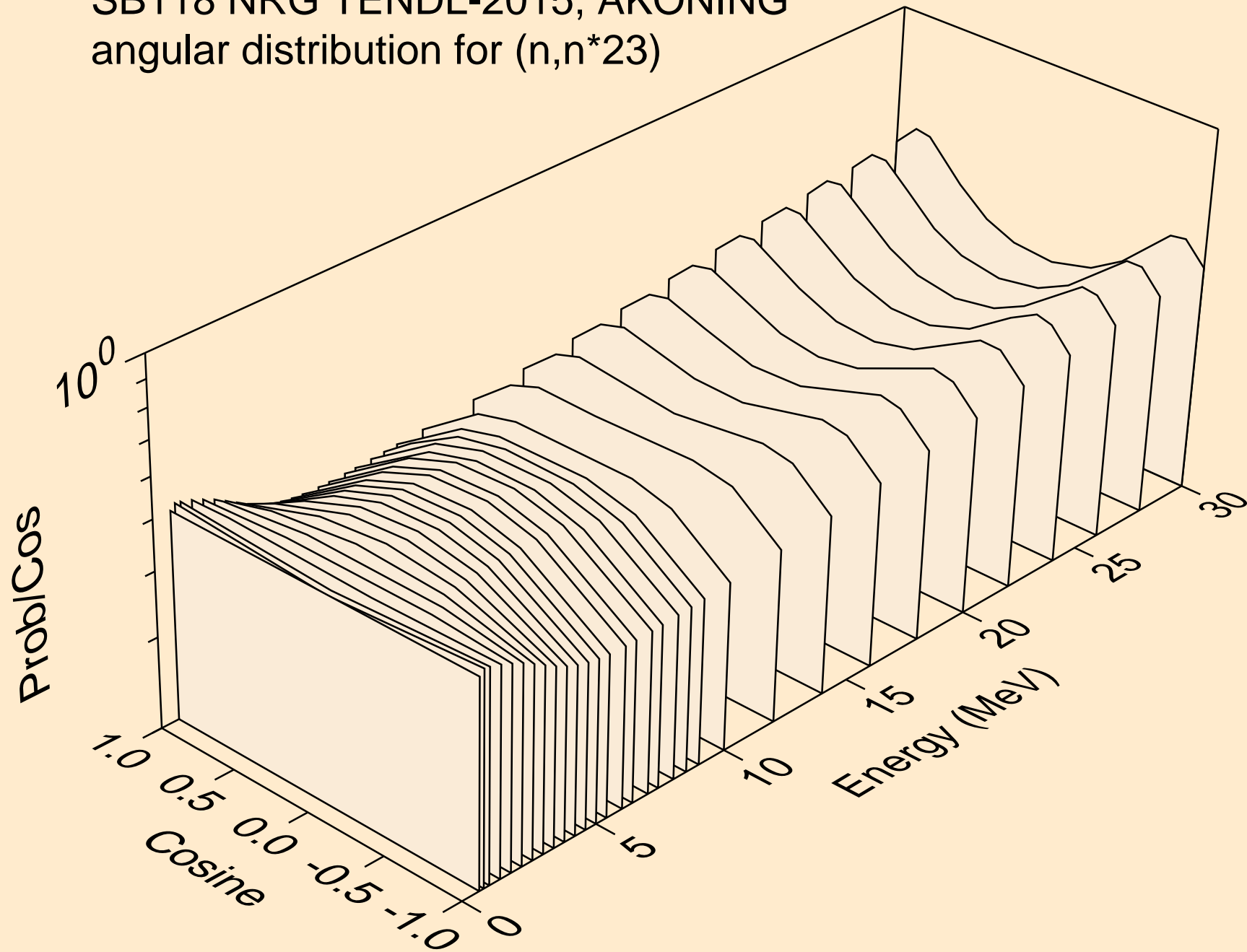


SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

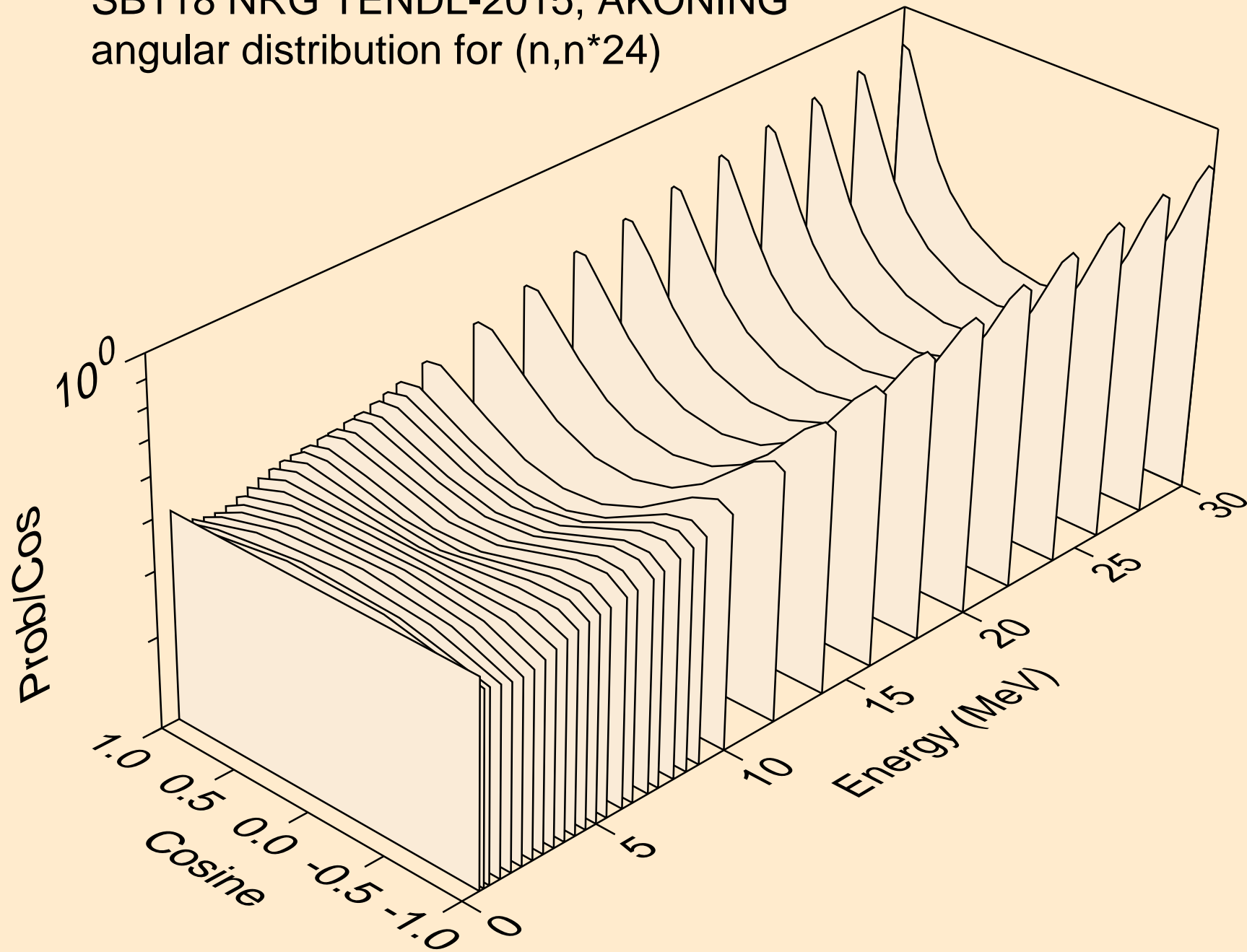




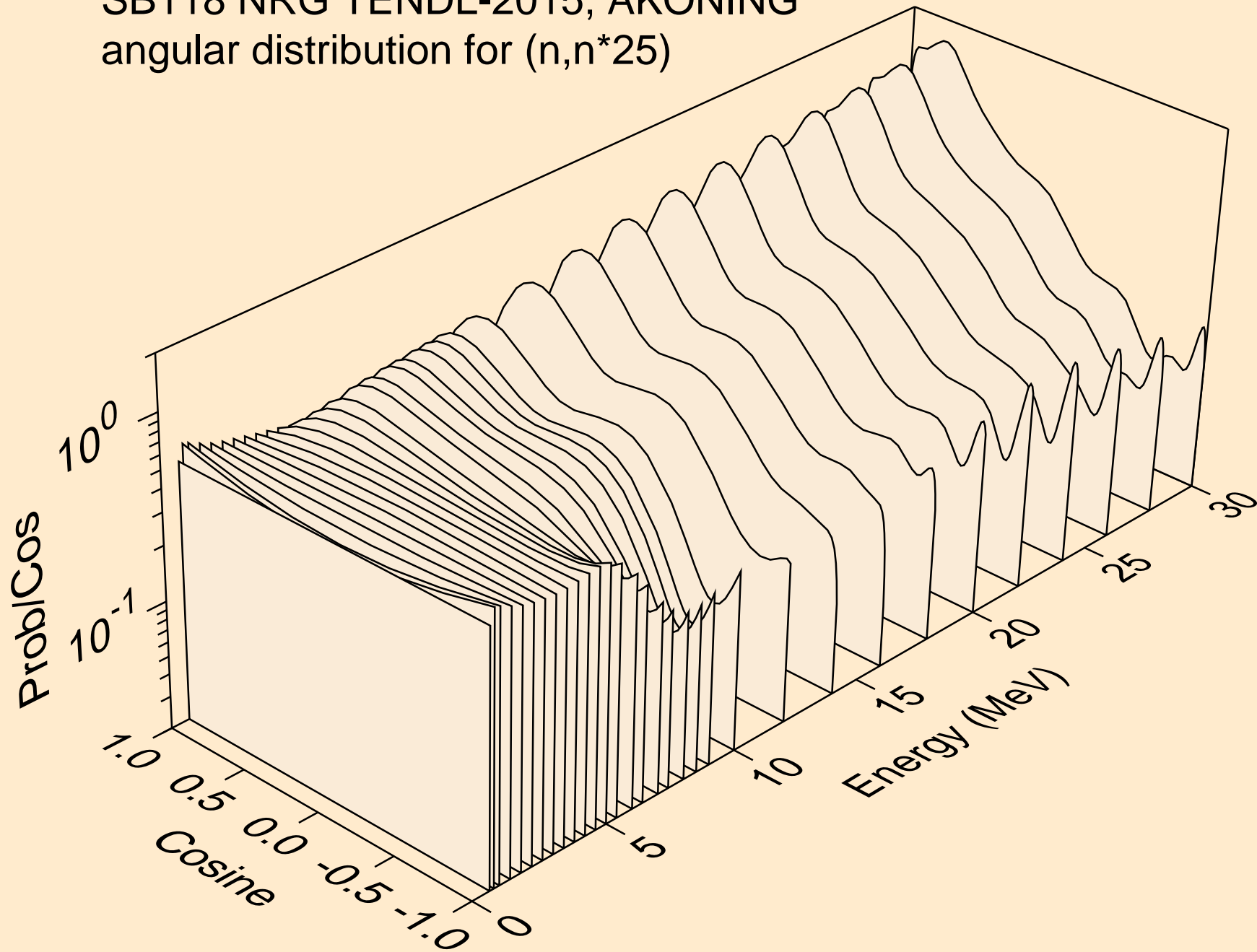
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



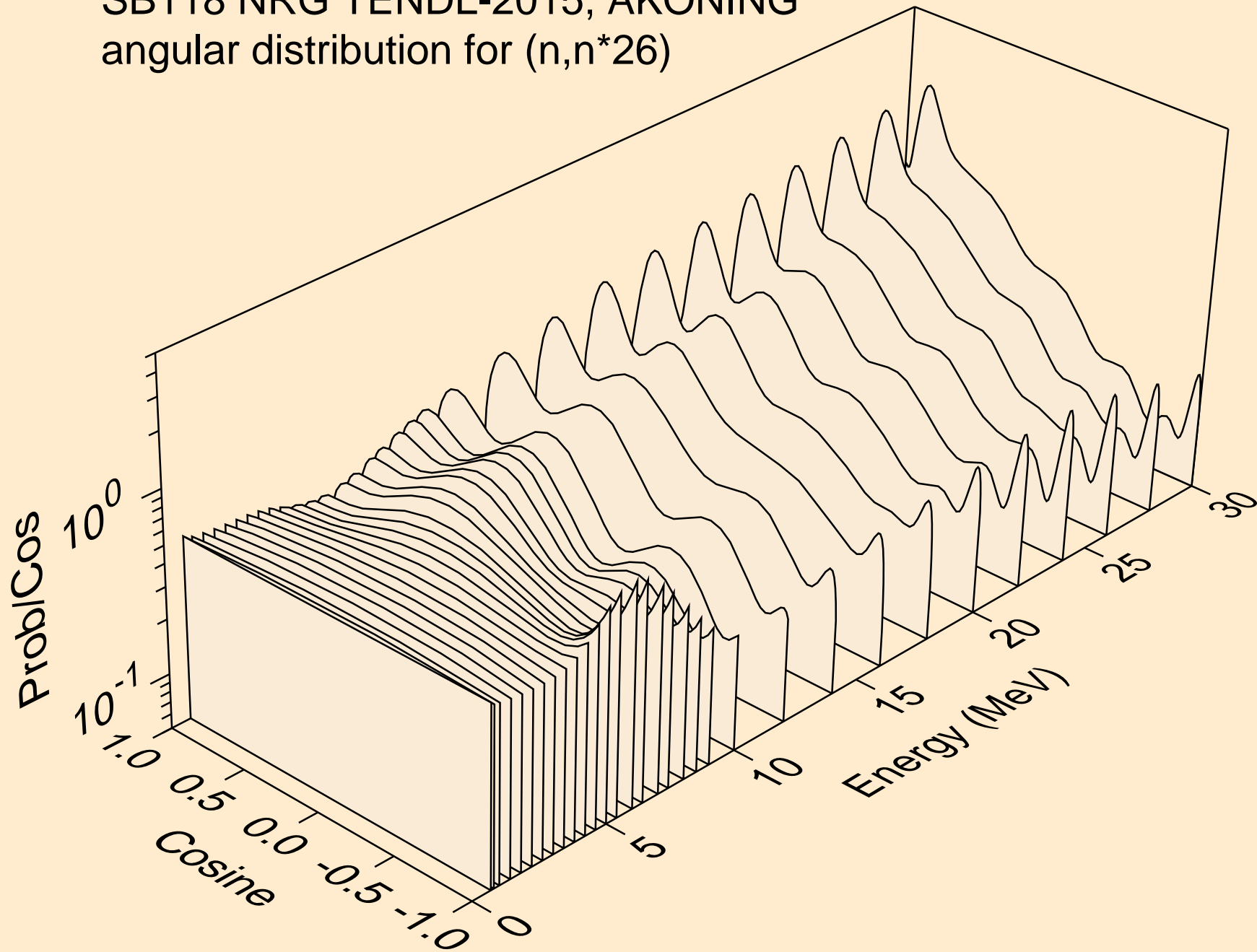
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



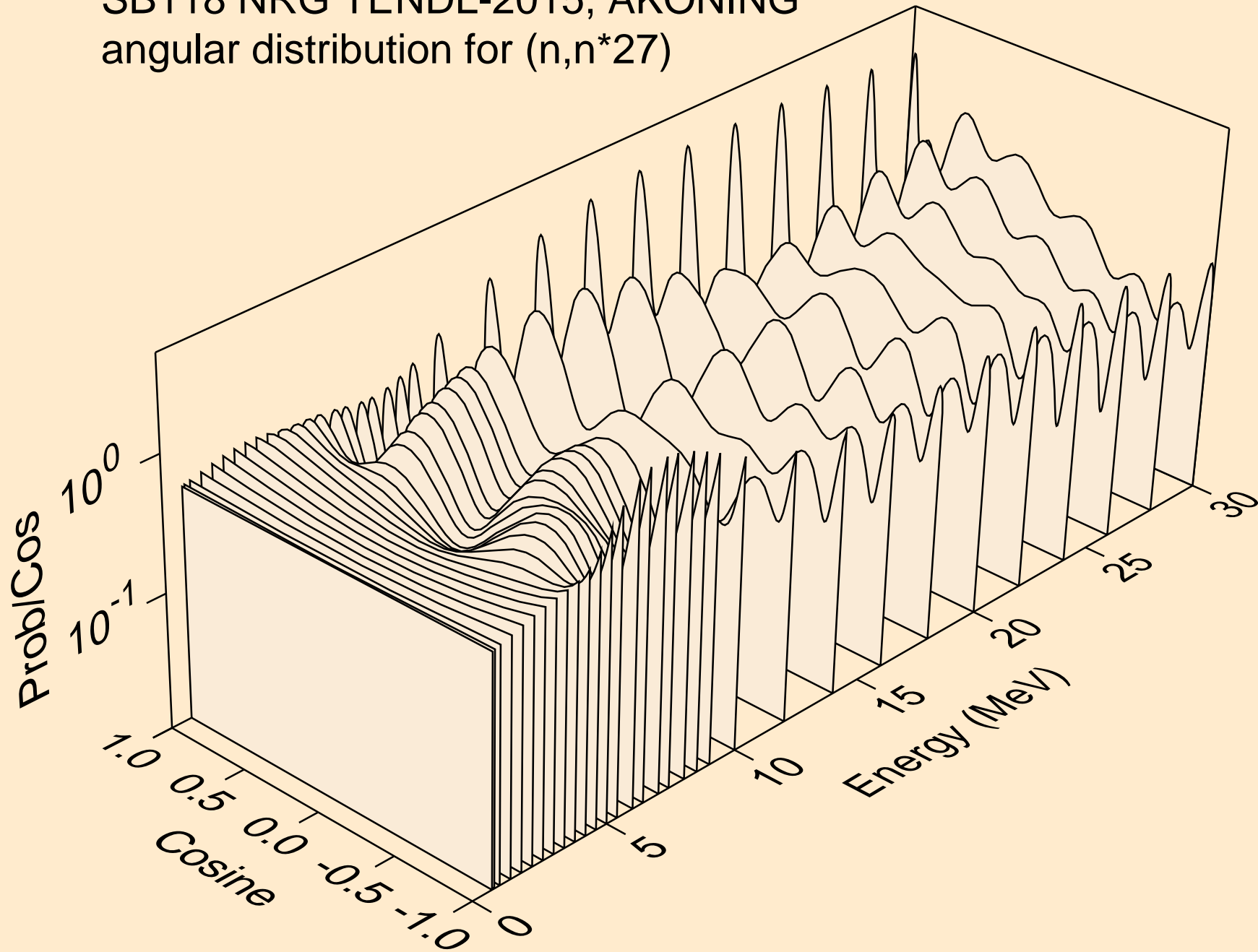
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



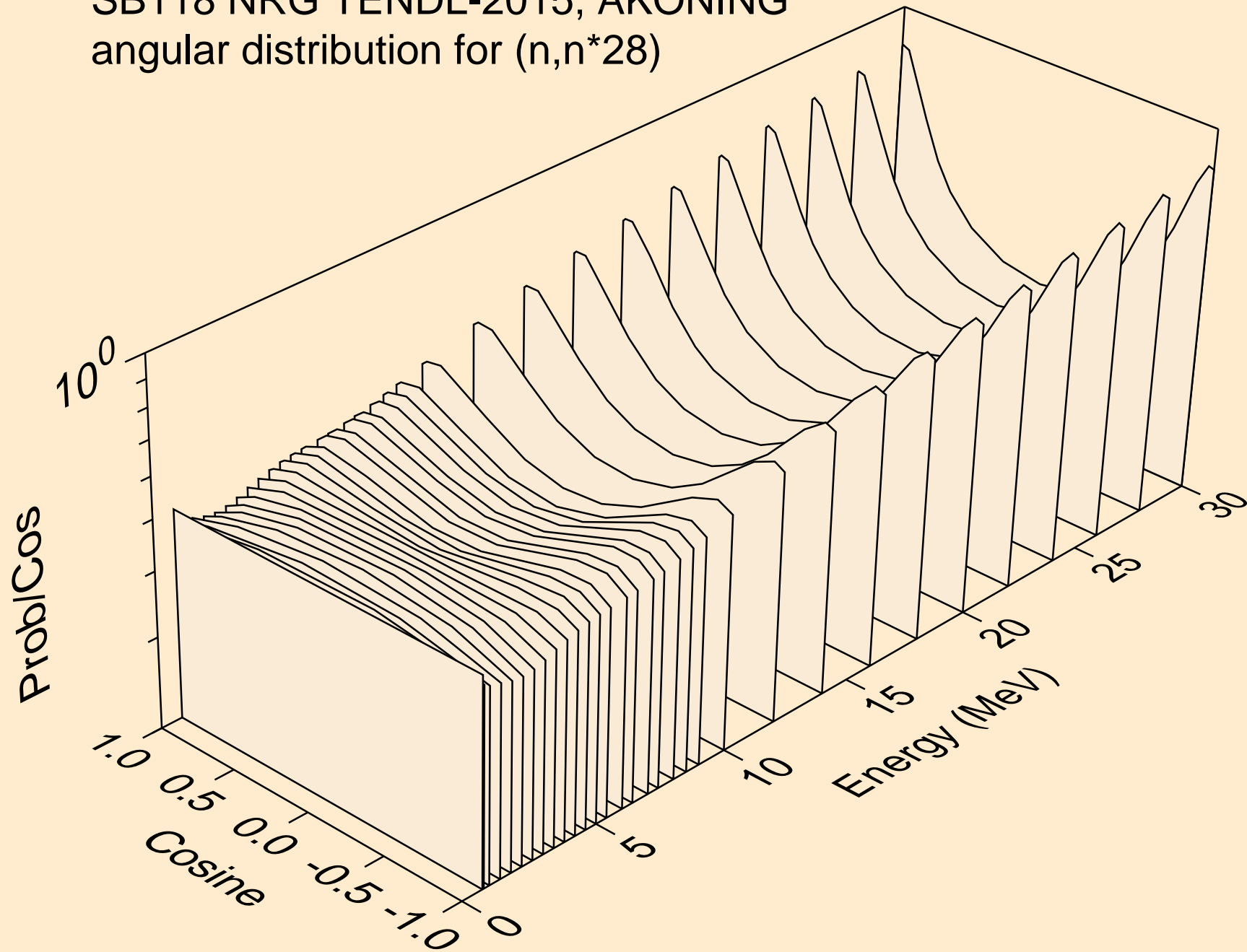
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



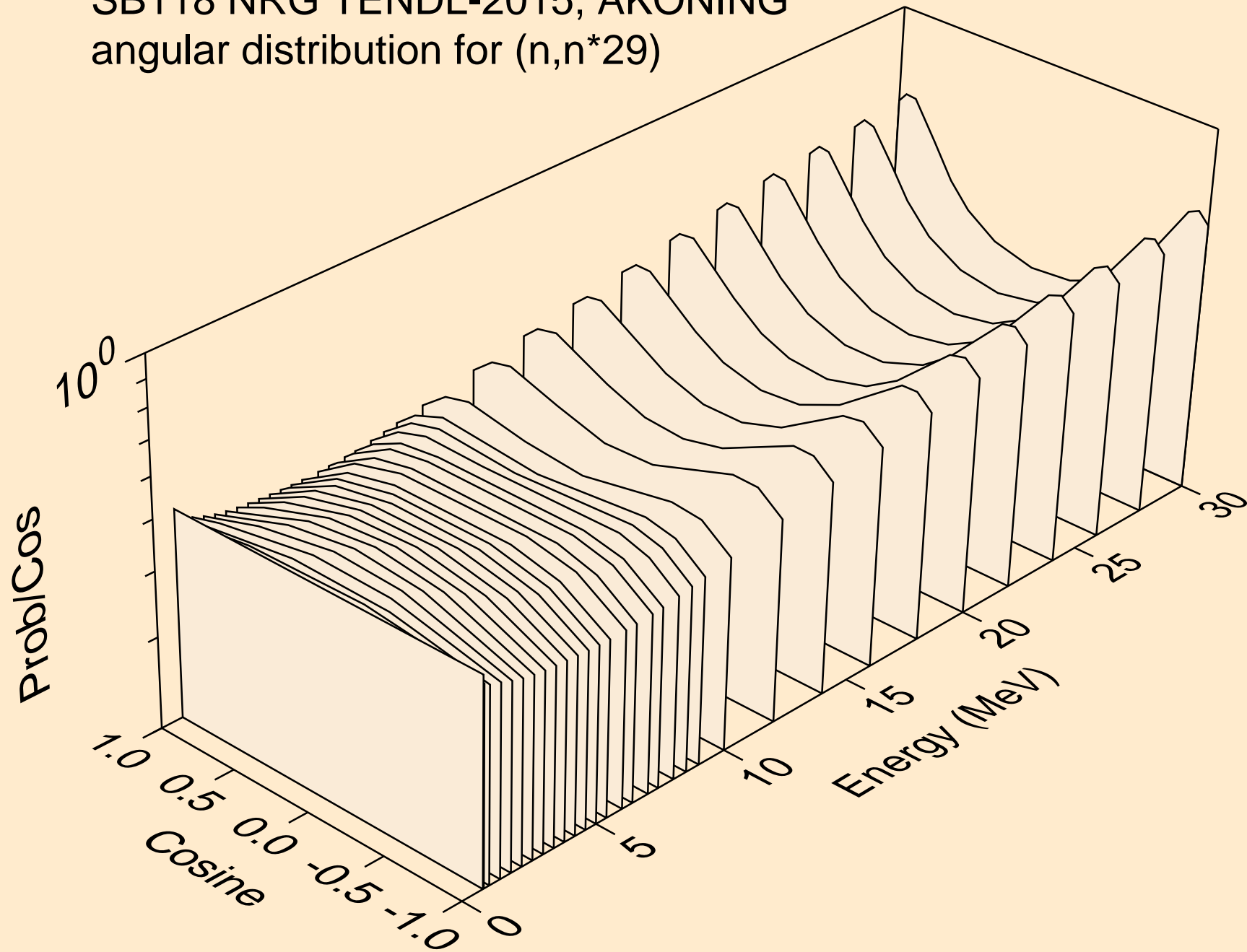
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



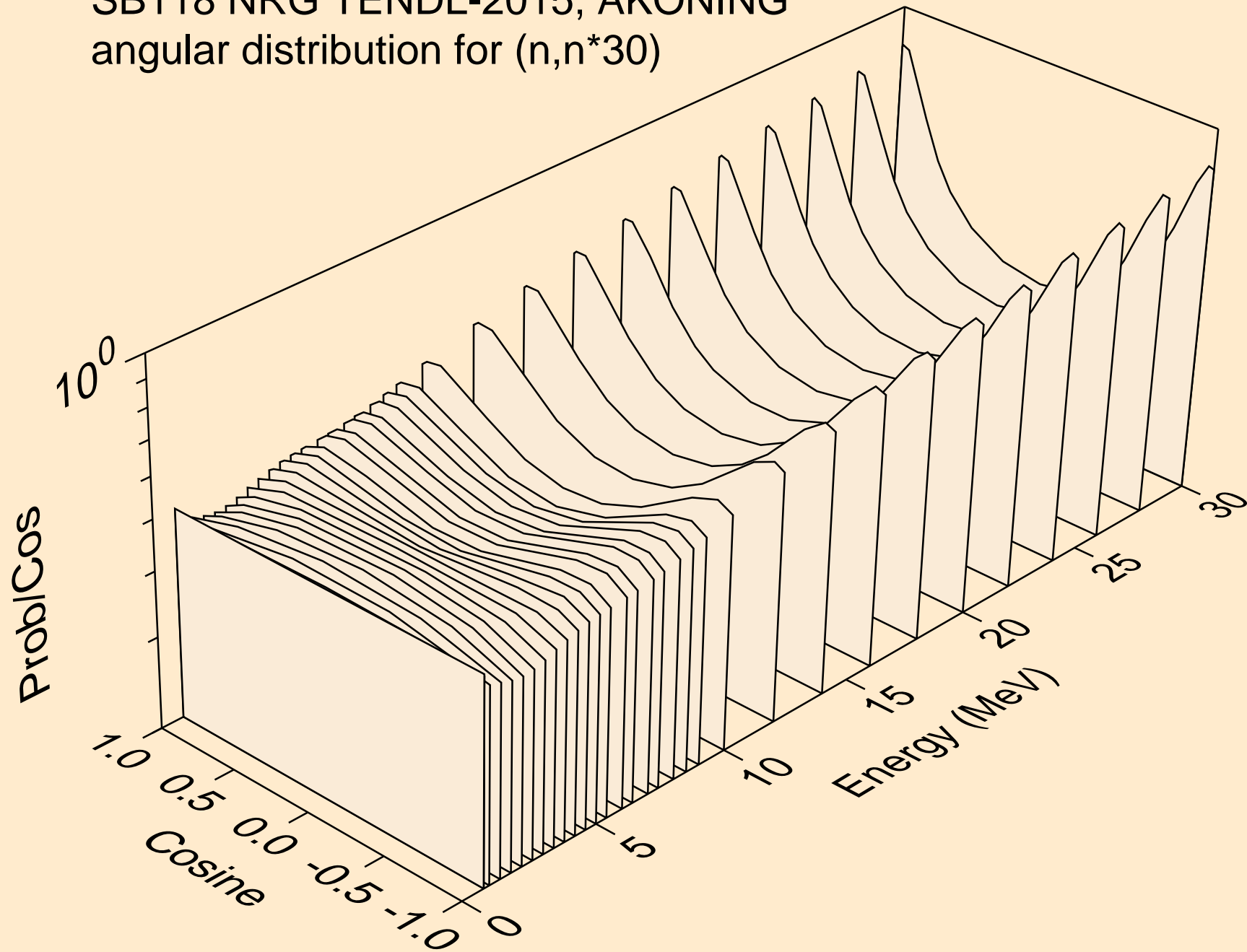
SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

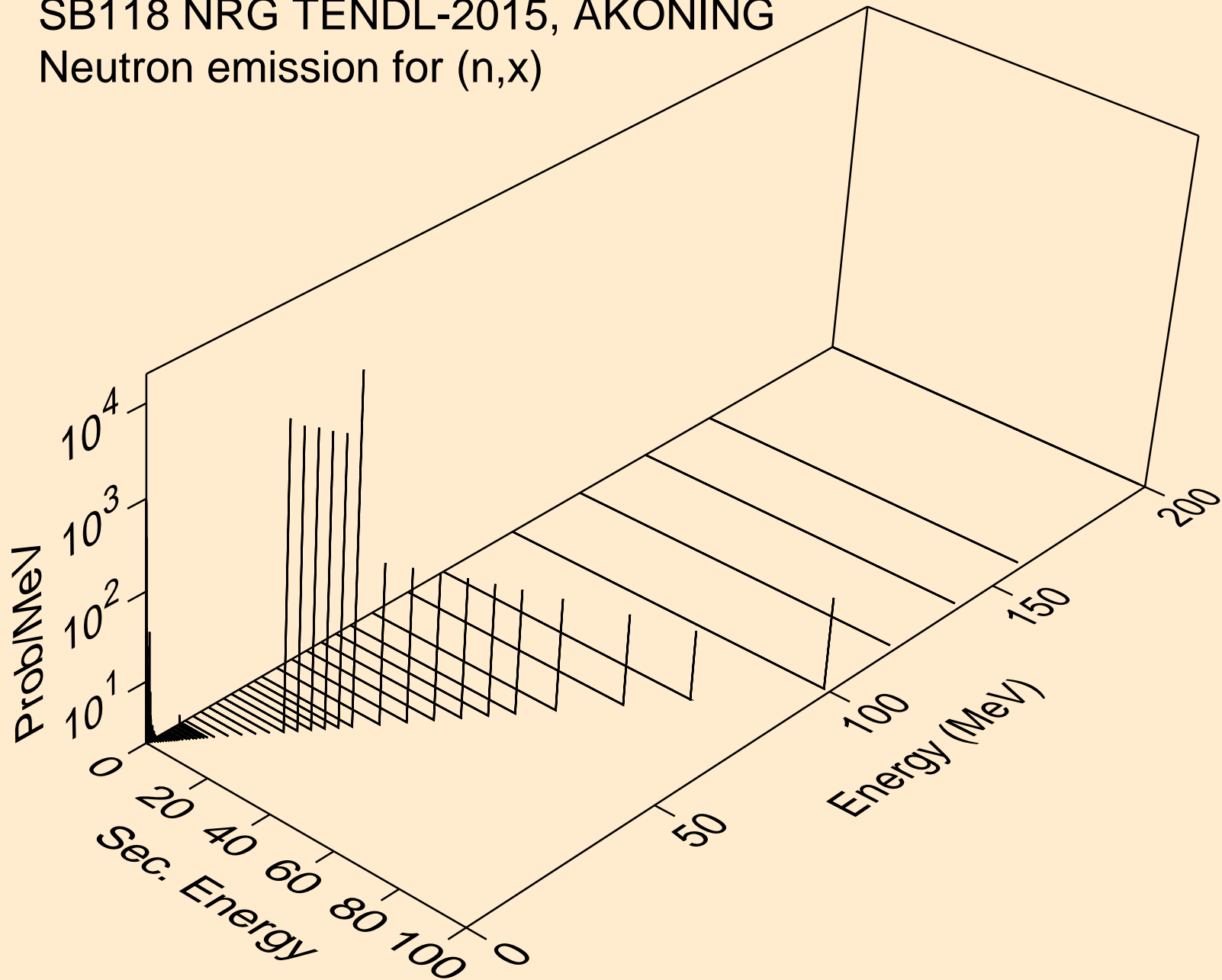


SB118 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

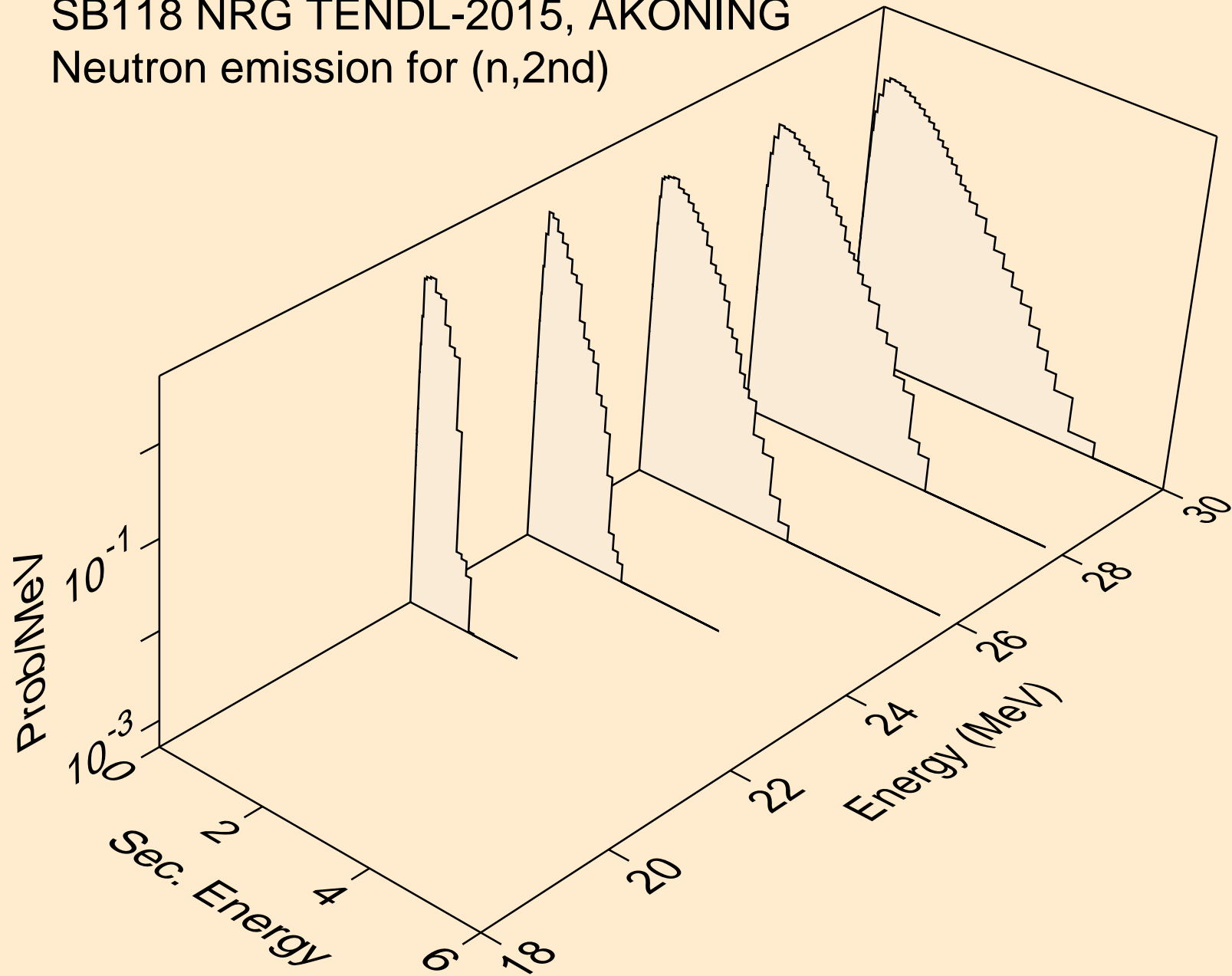




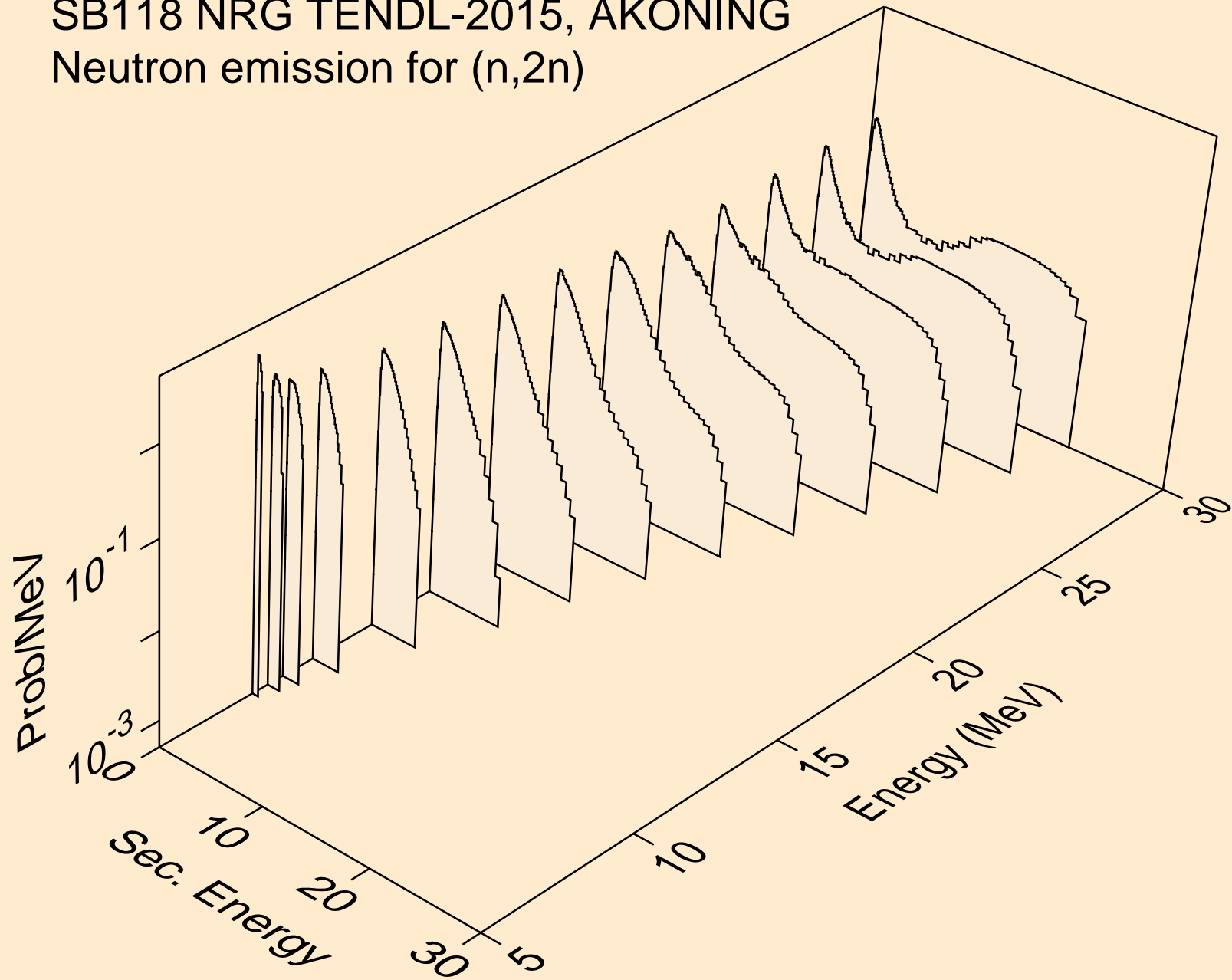
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



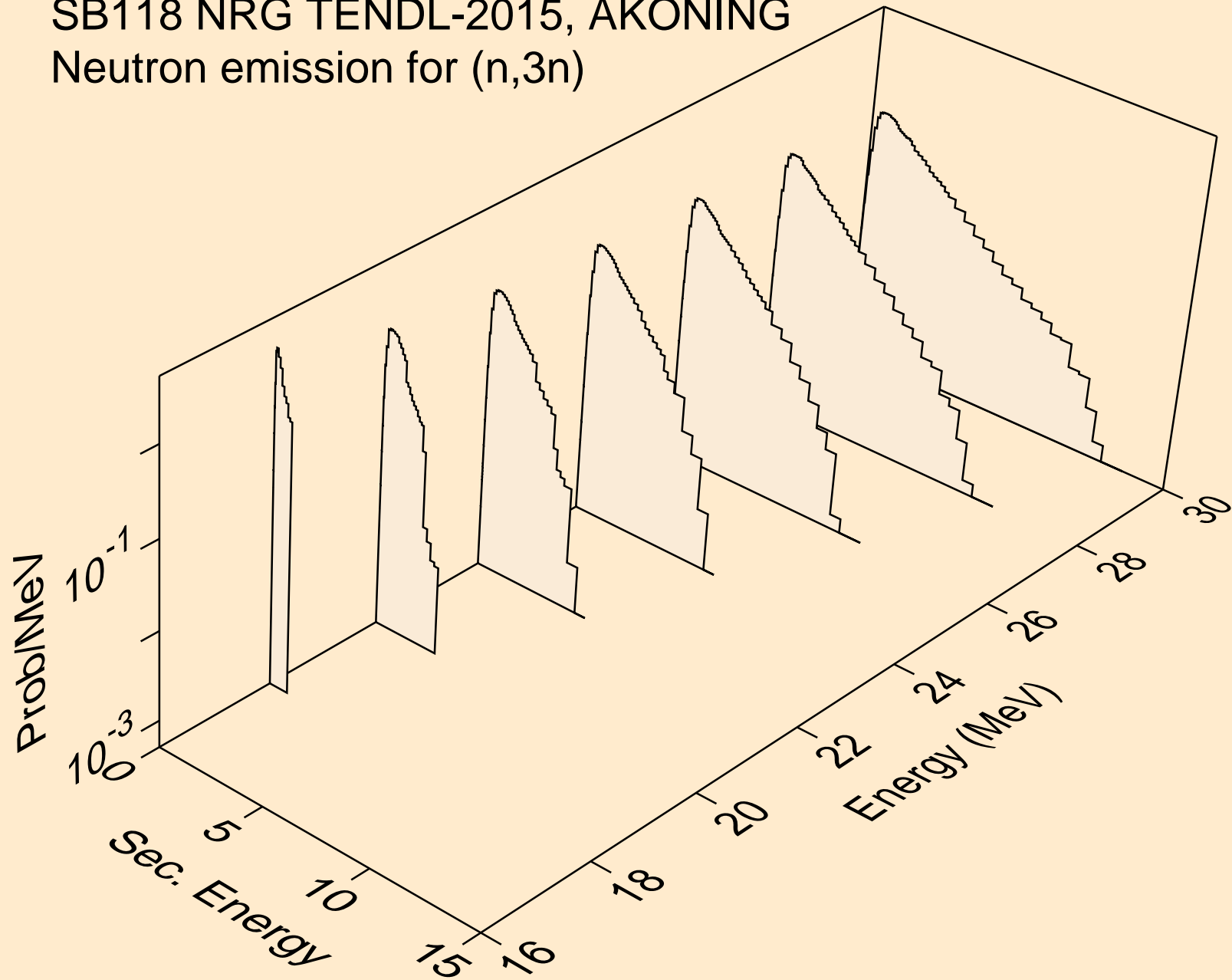
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



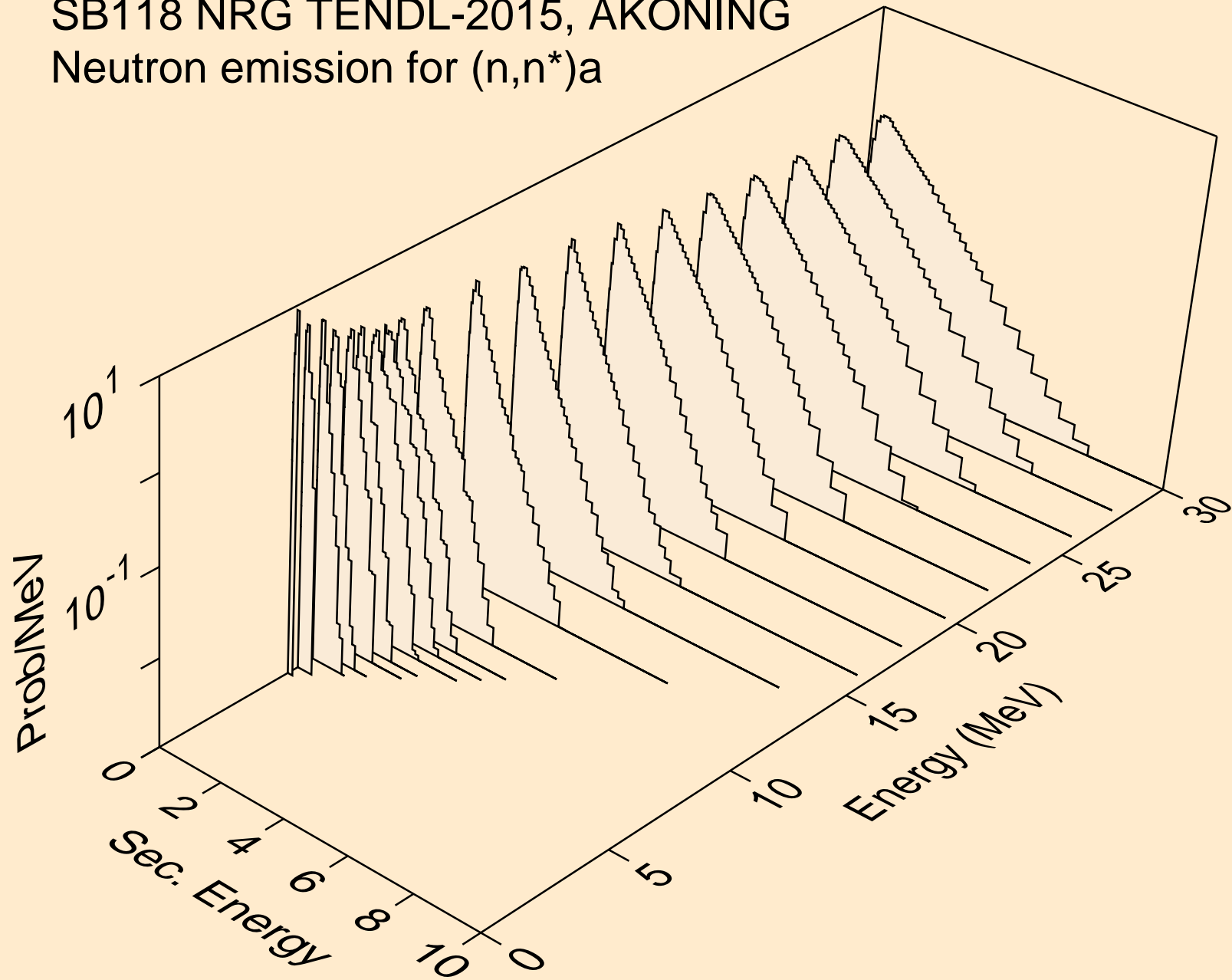
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



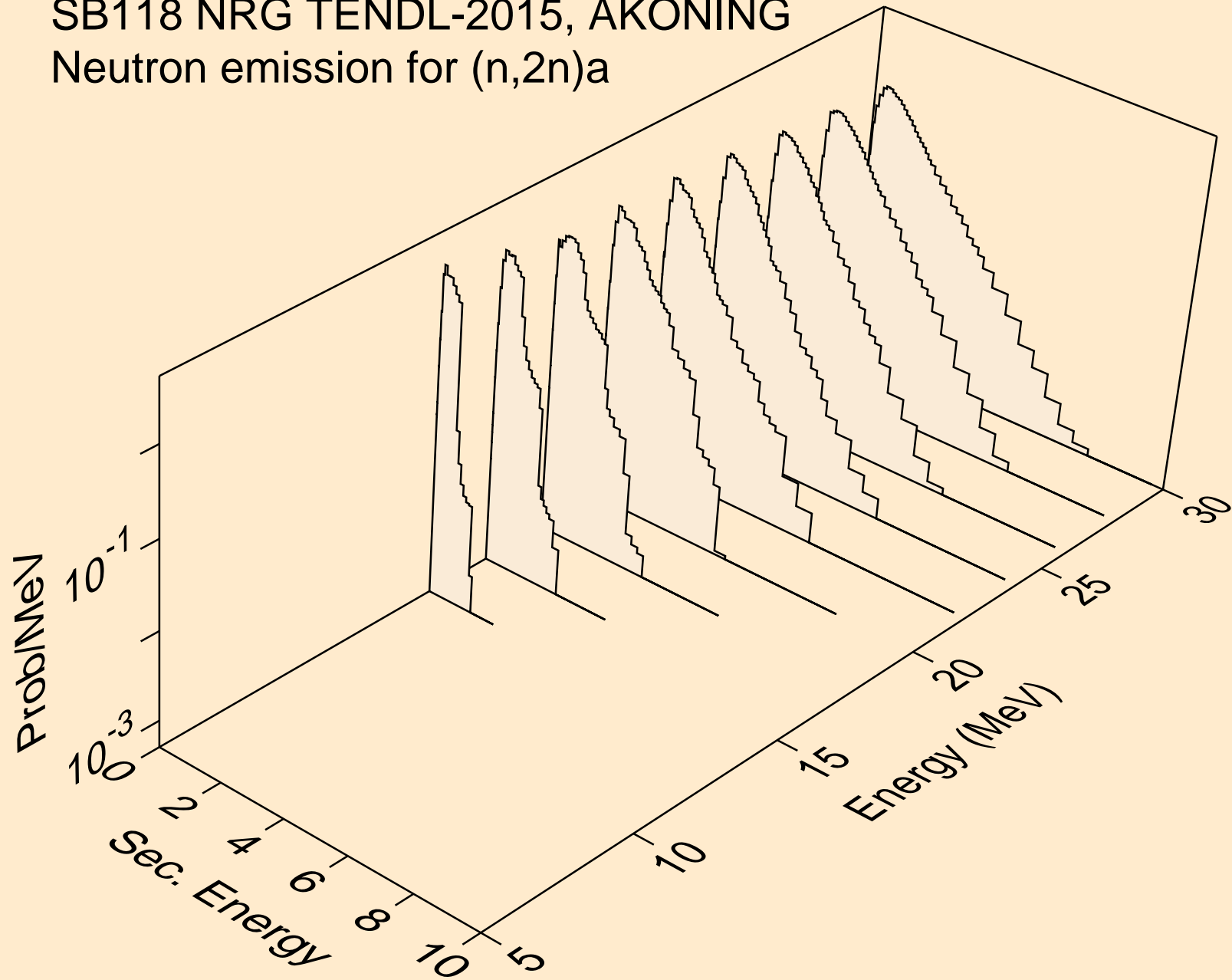
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



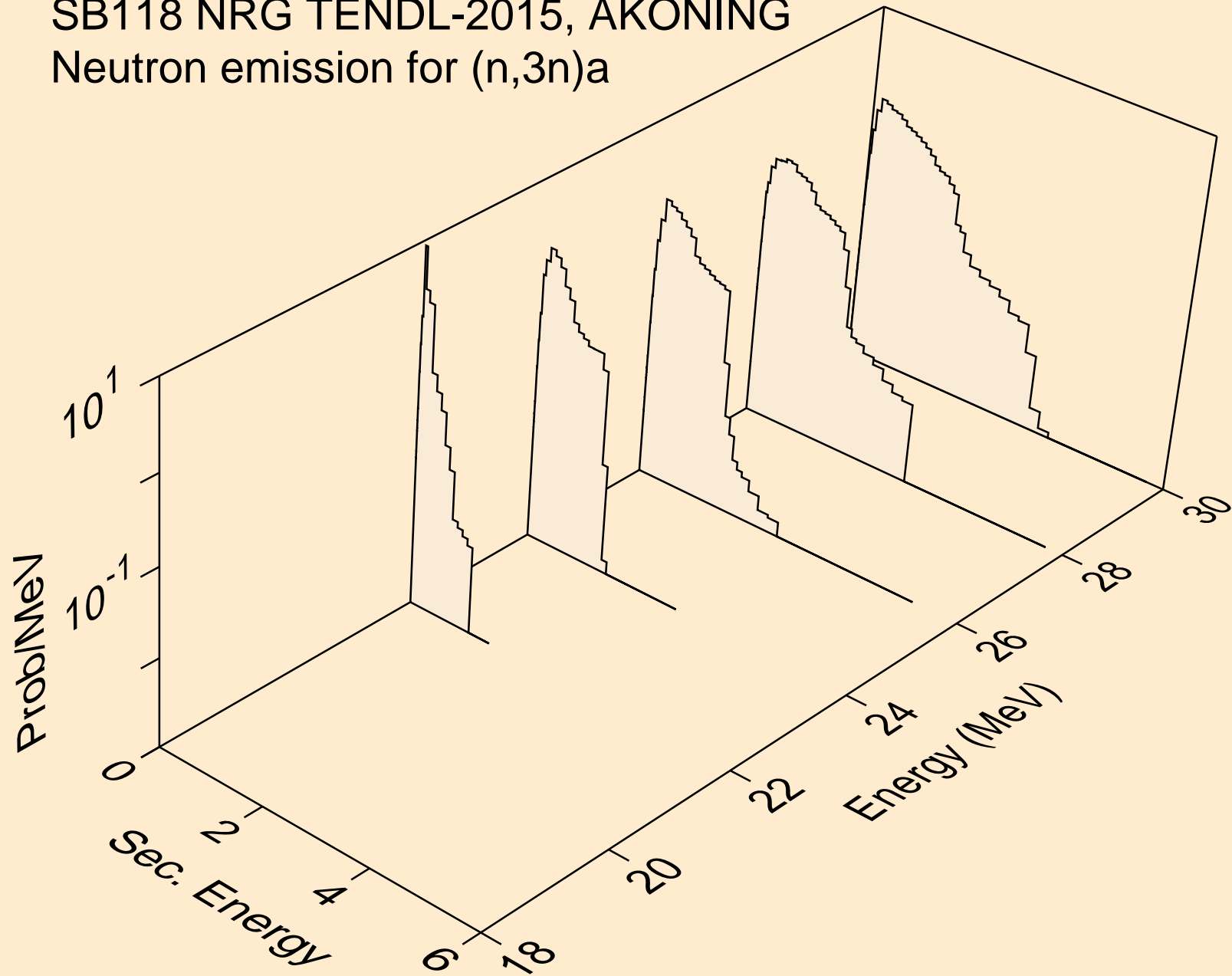
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



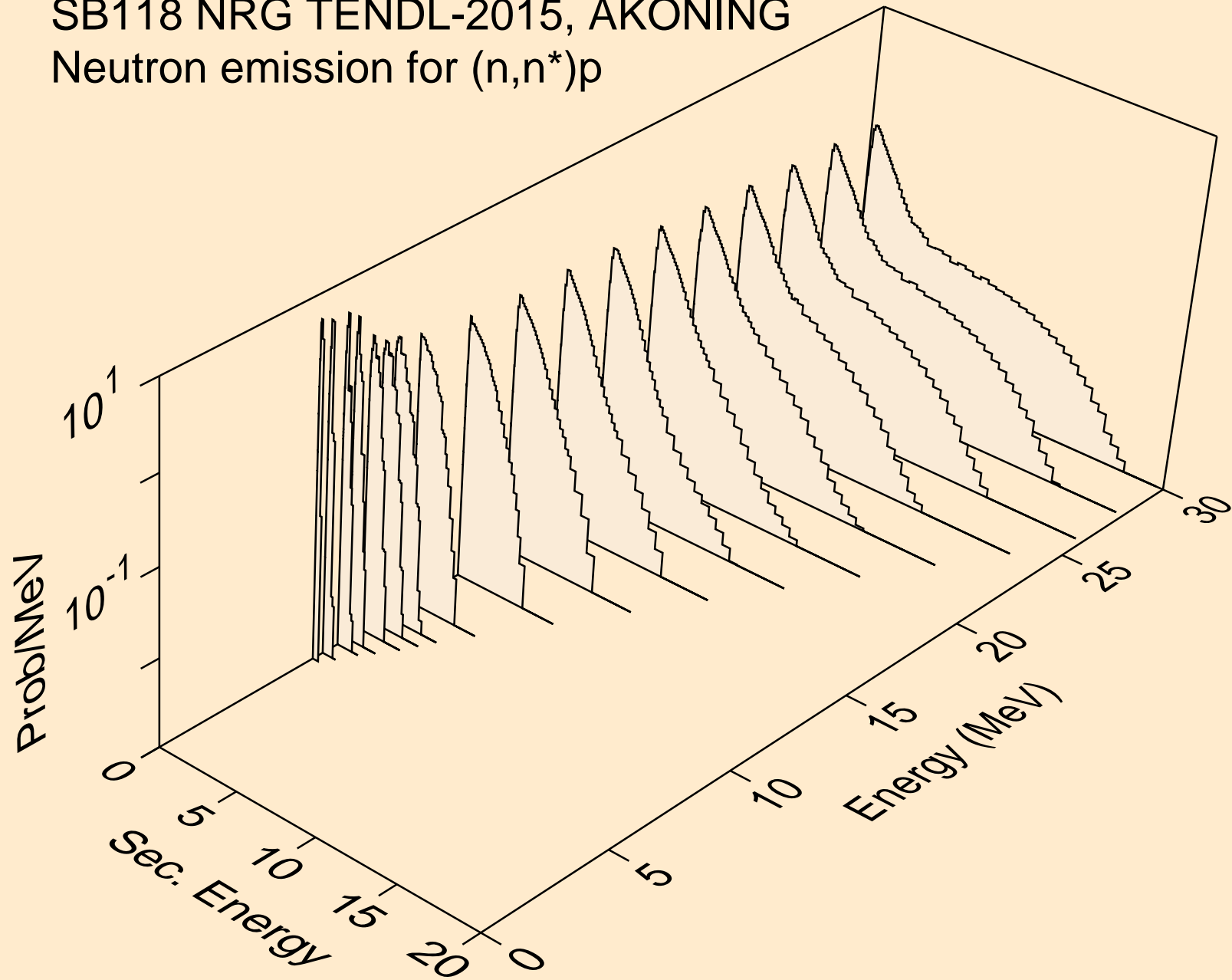
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

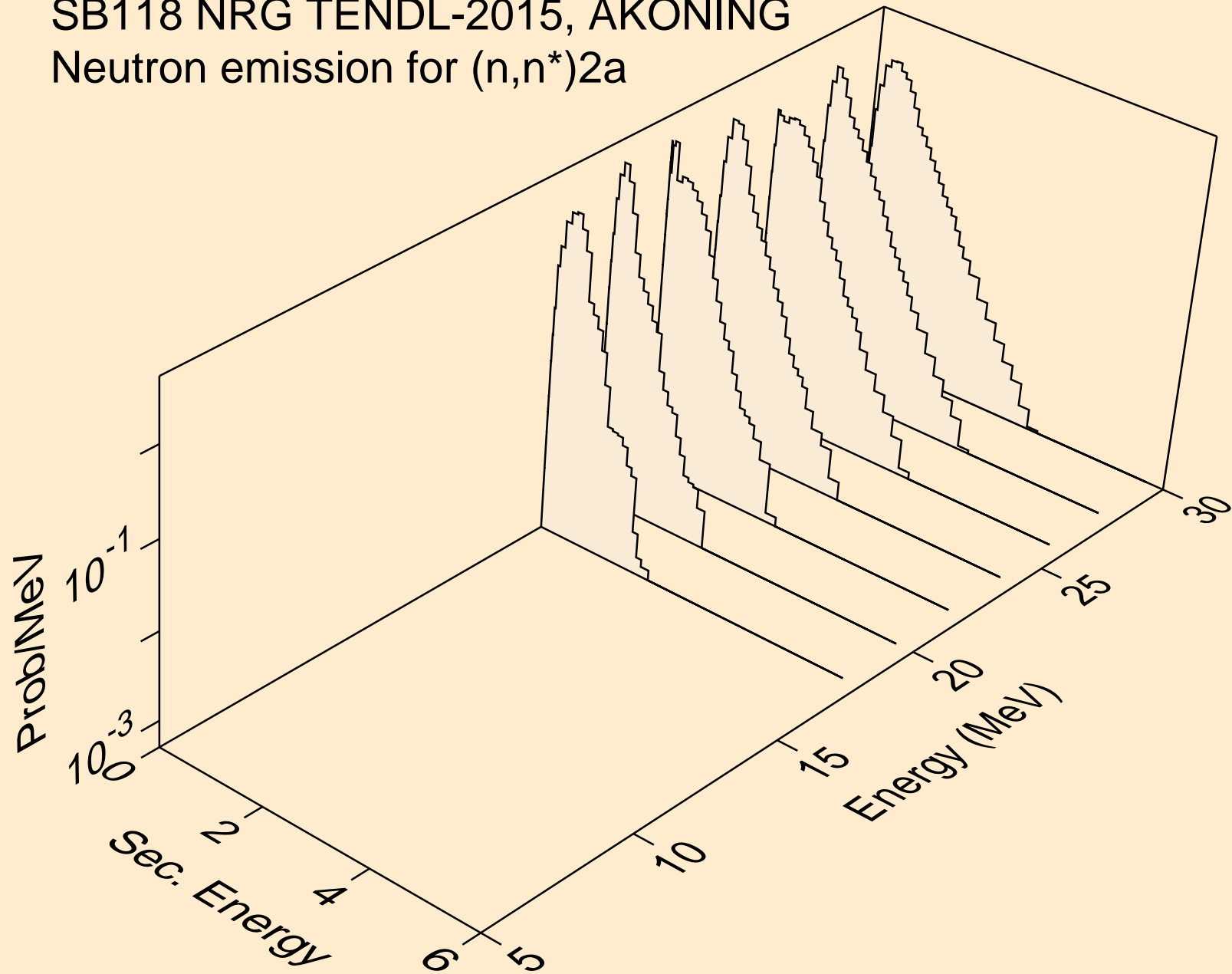


SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

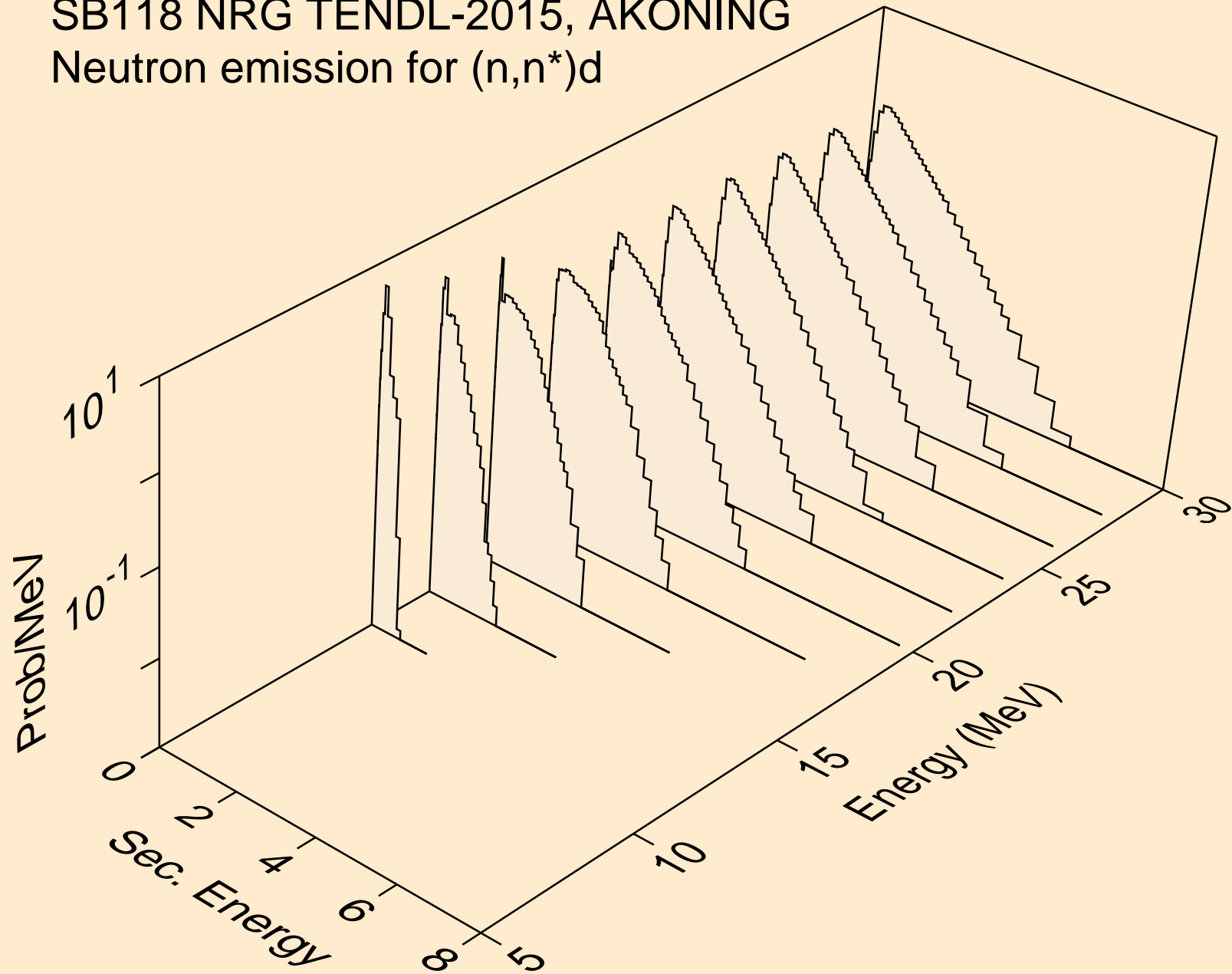




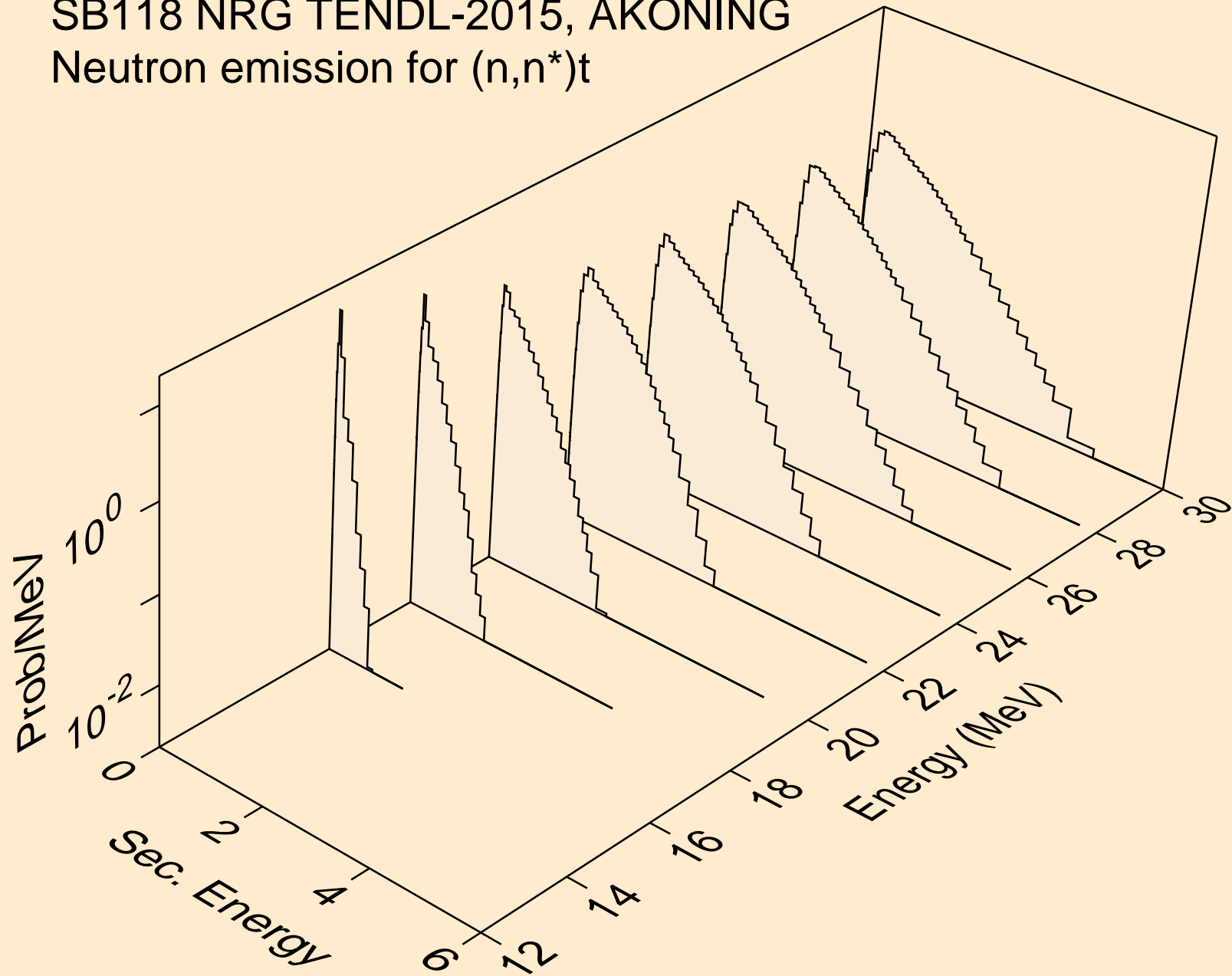
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



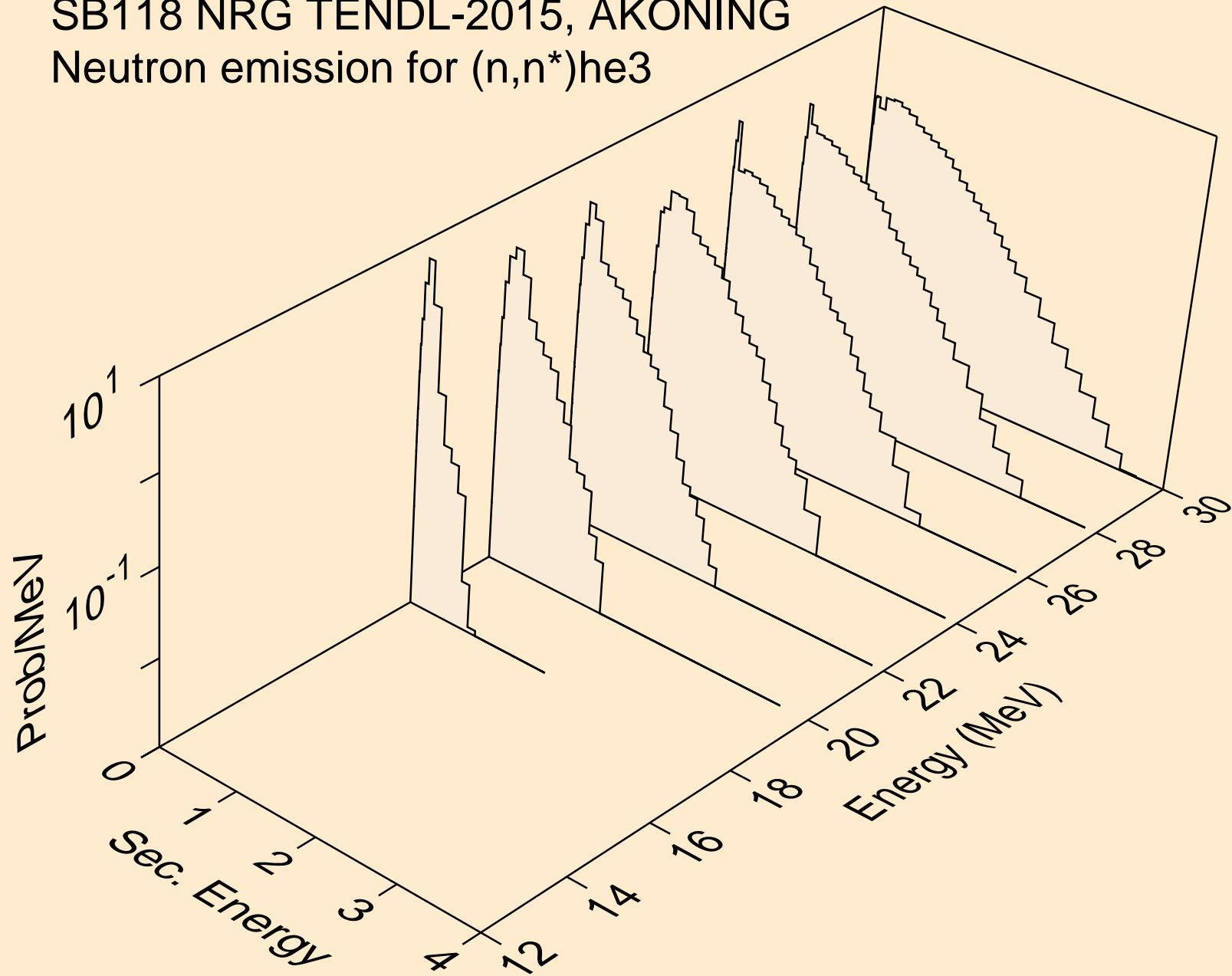
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



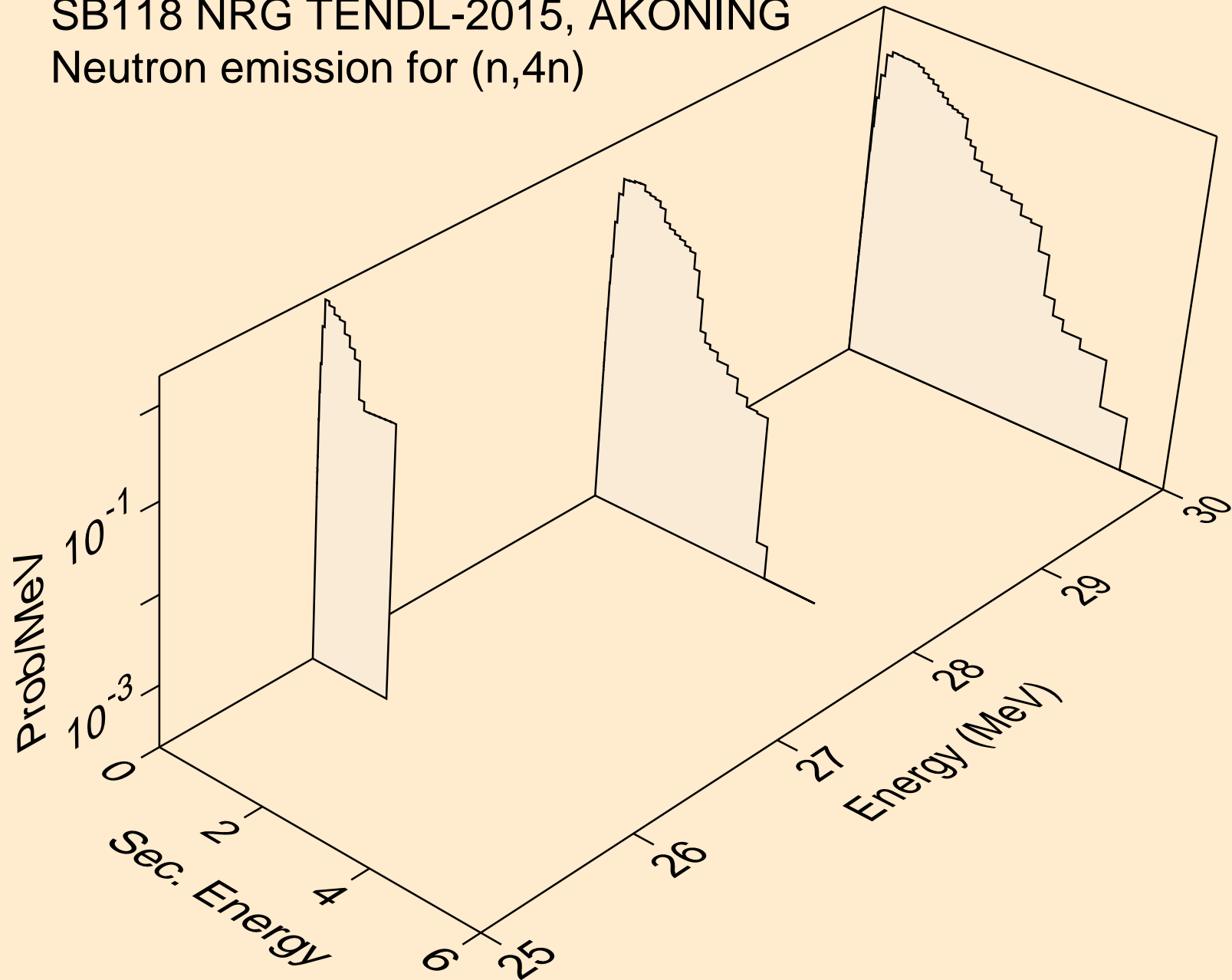
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



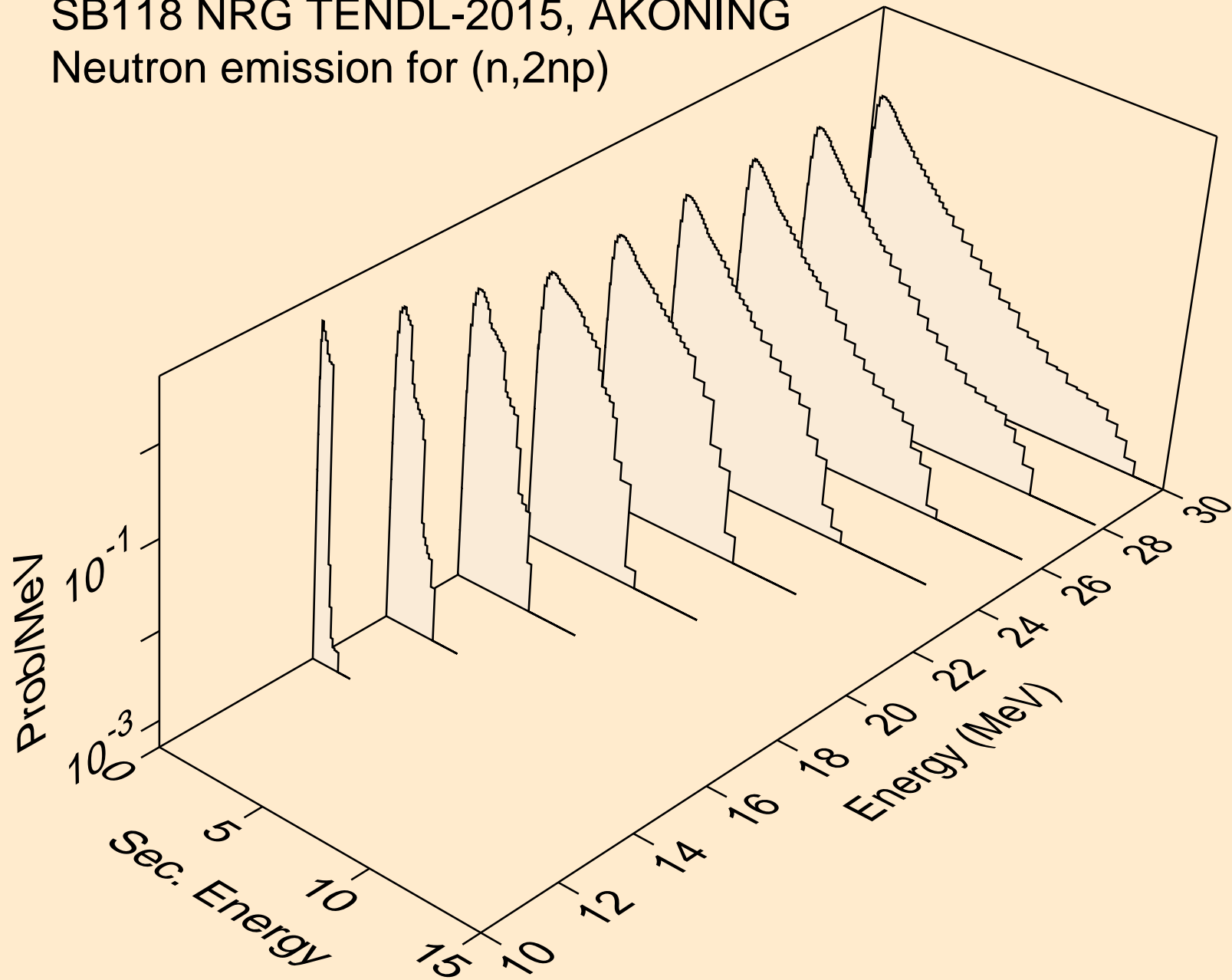
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



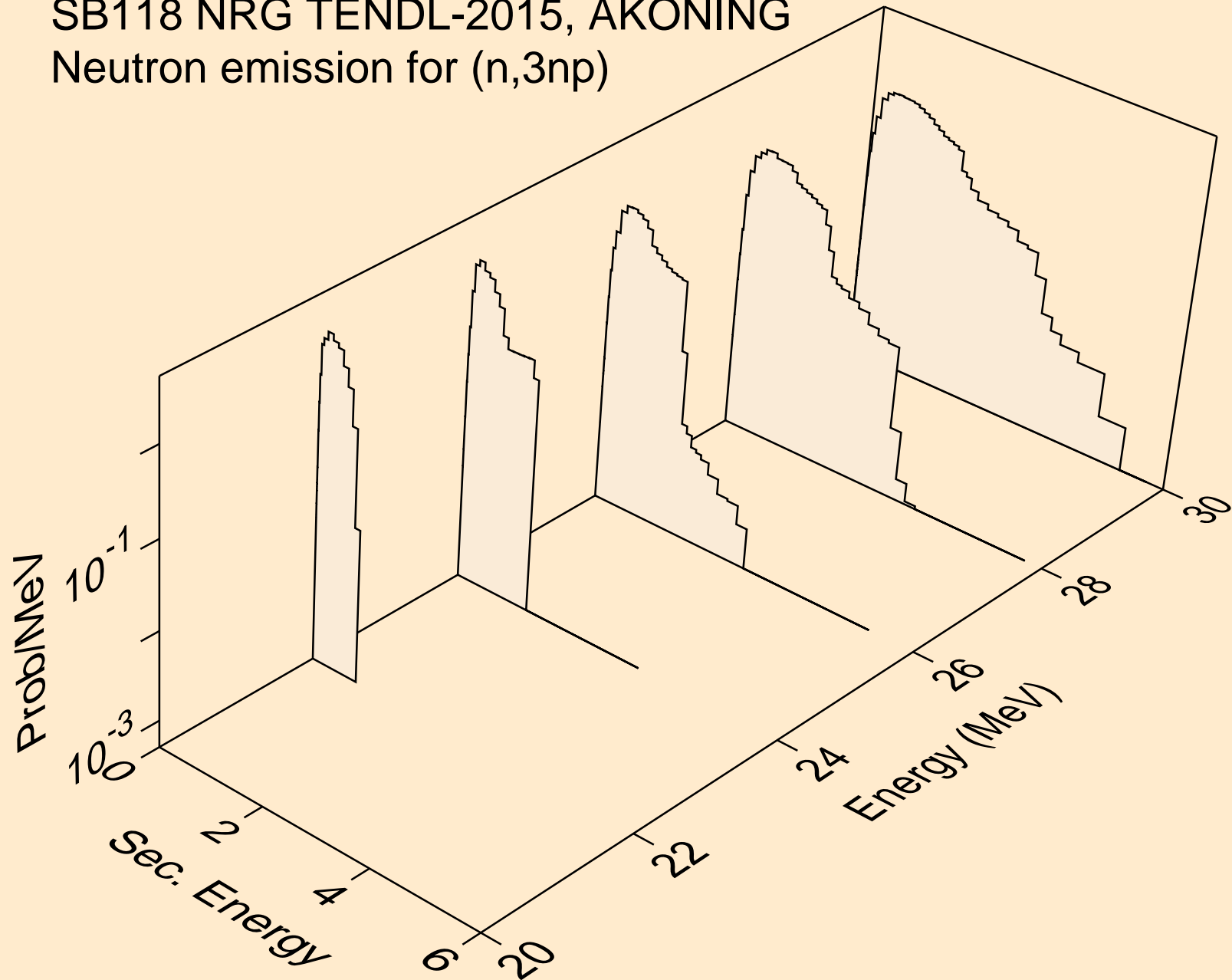
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



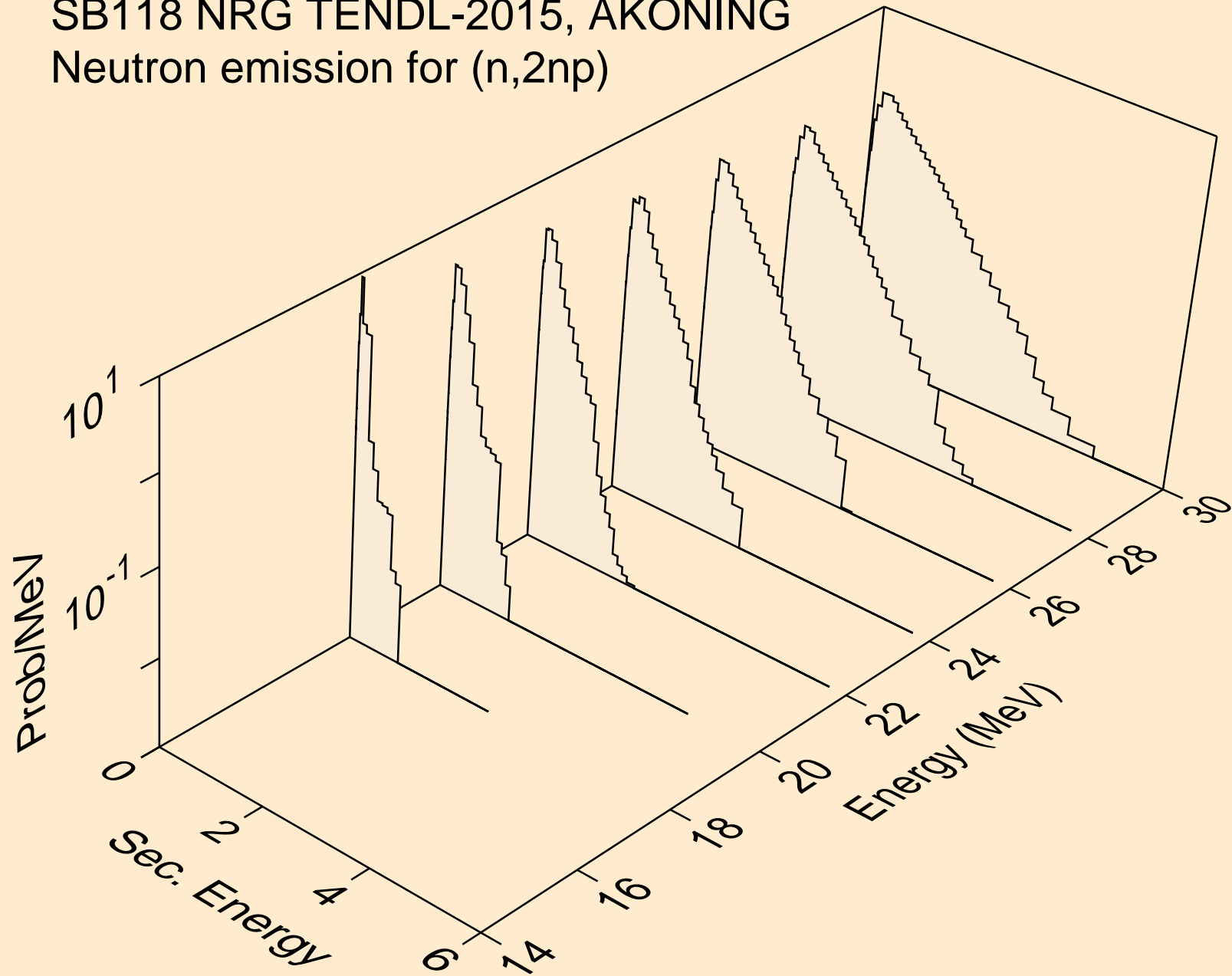
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

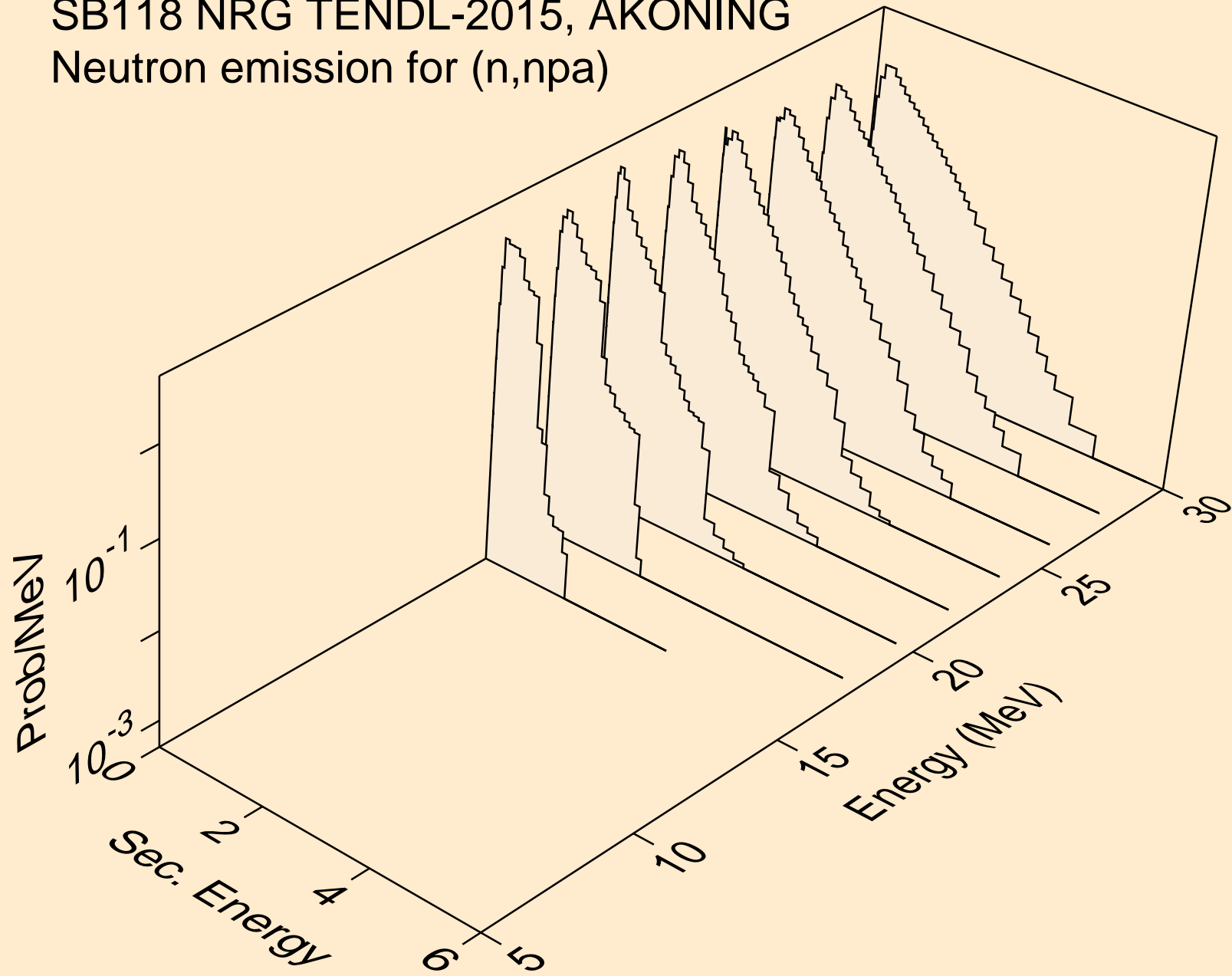


SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

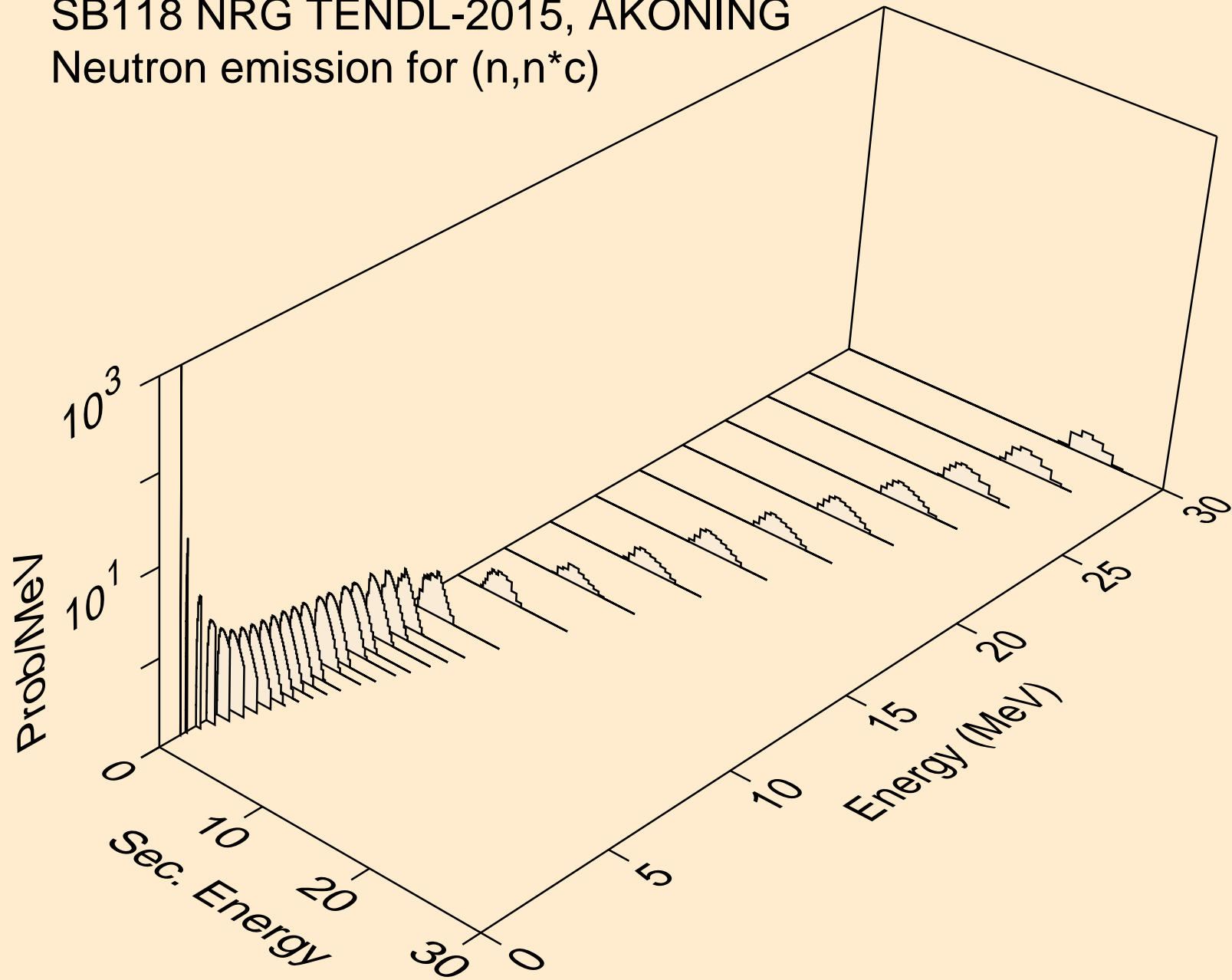




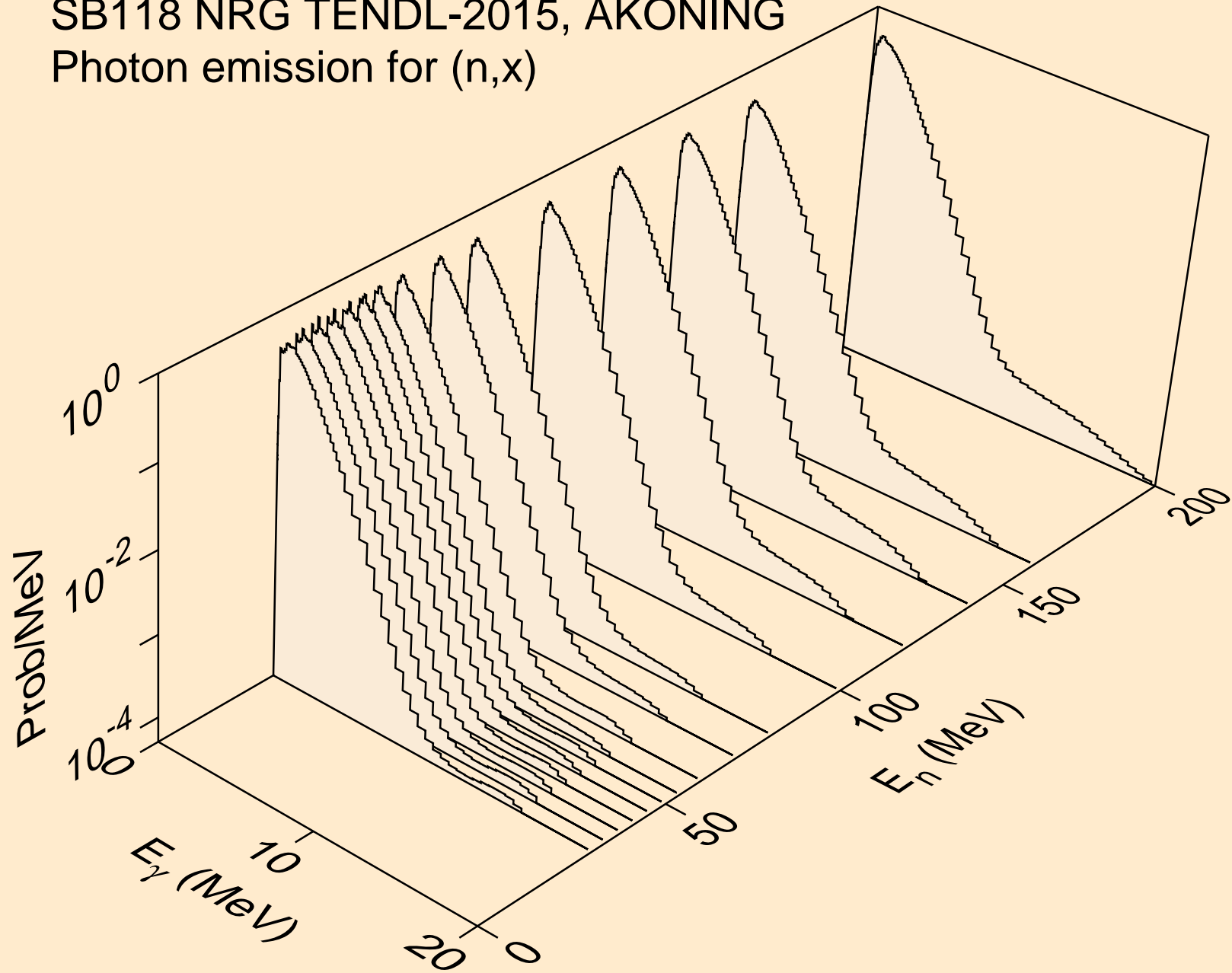
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



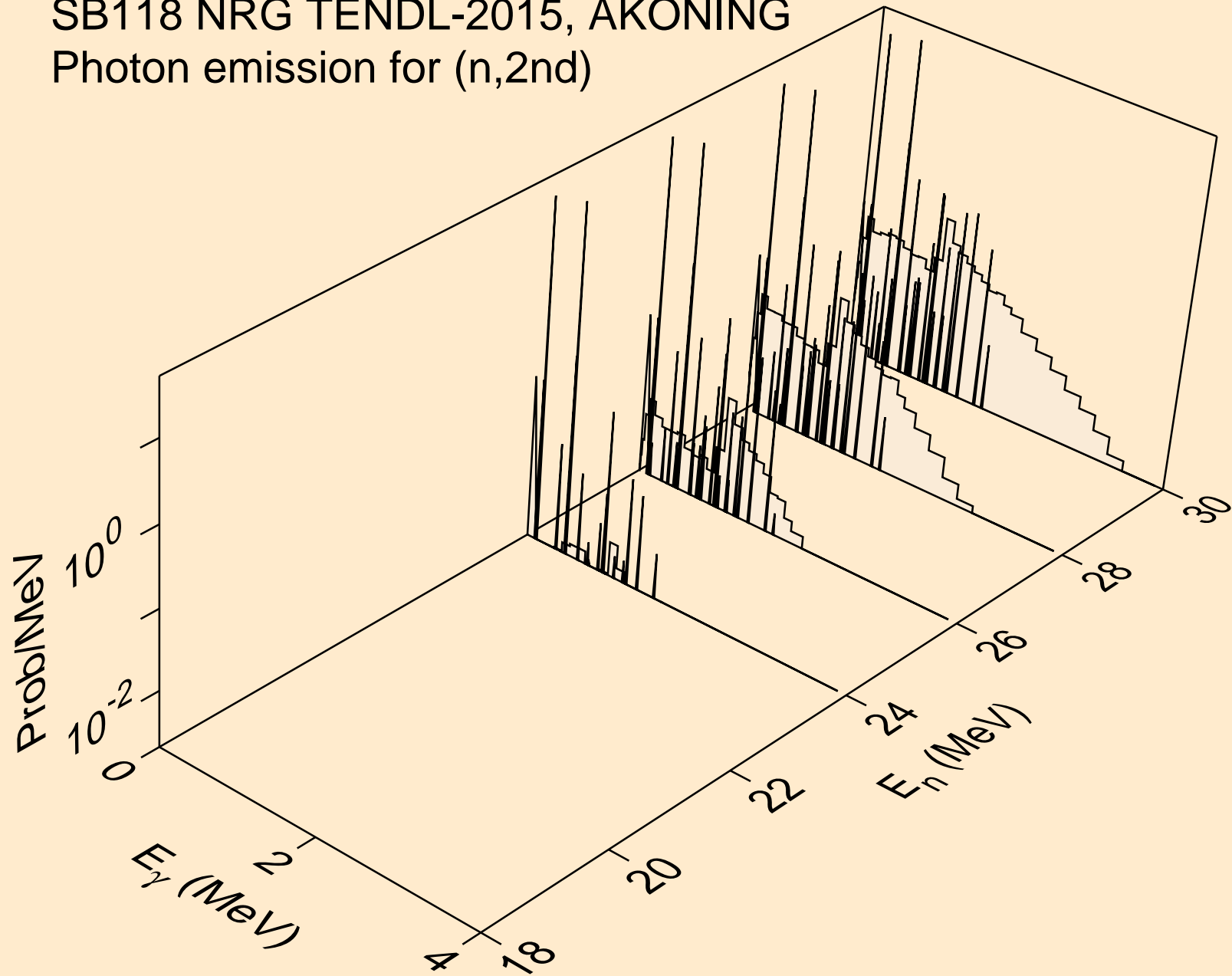
SB118 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



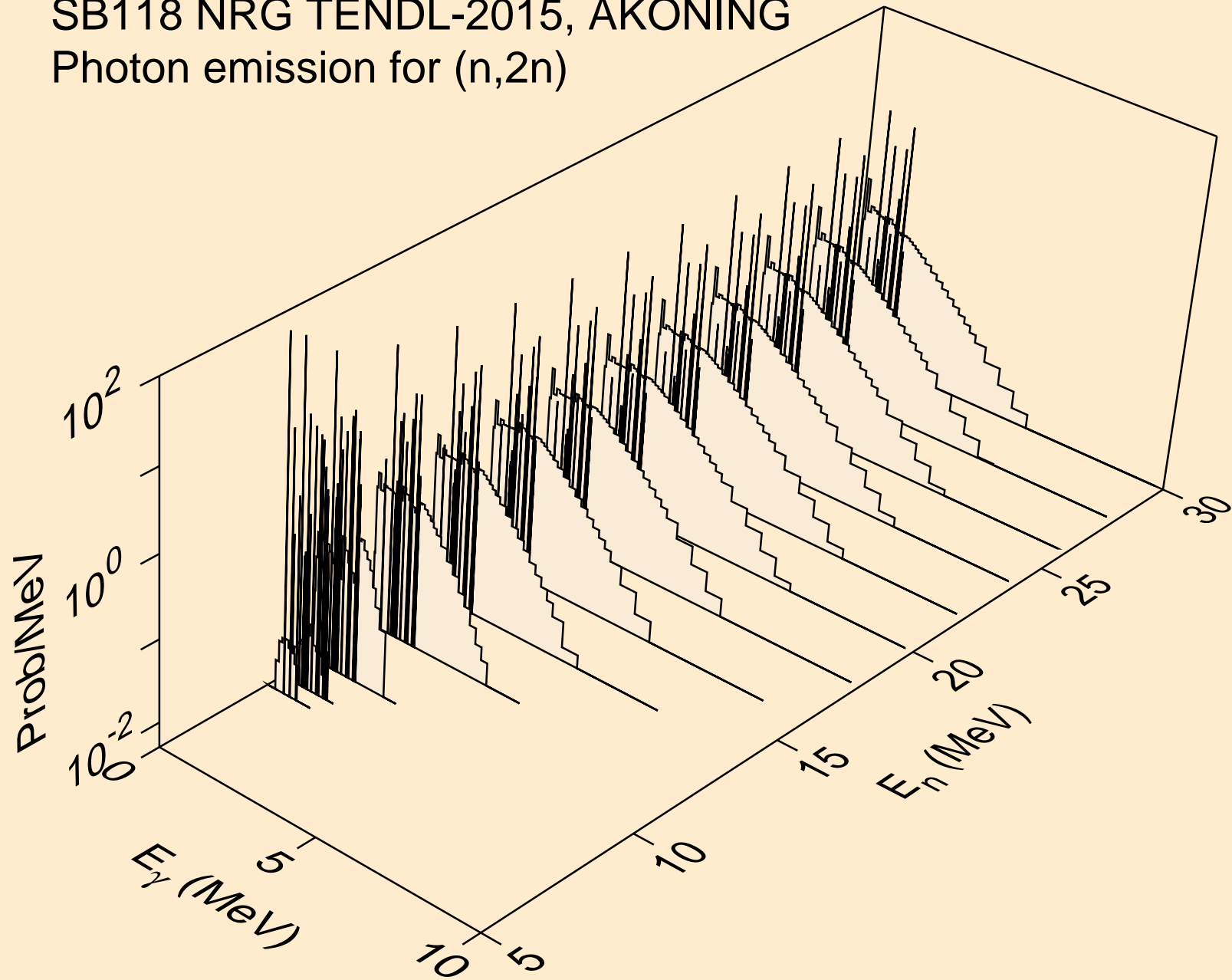
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



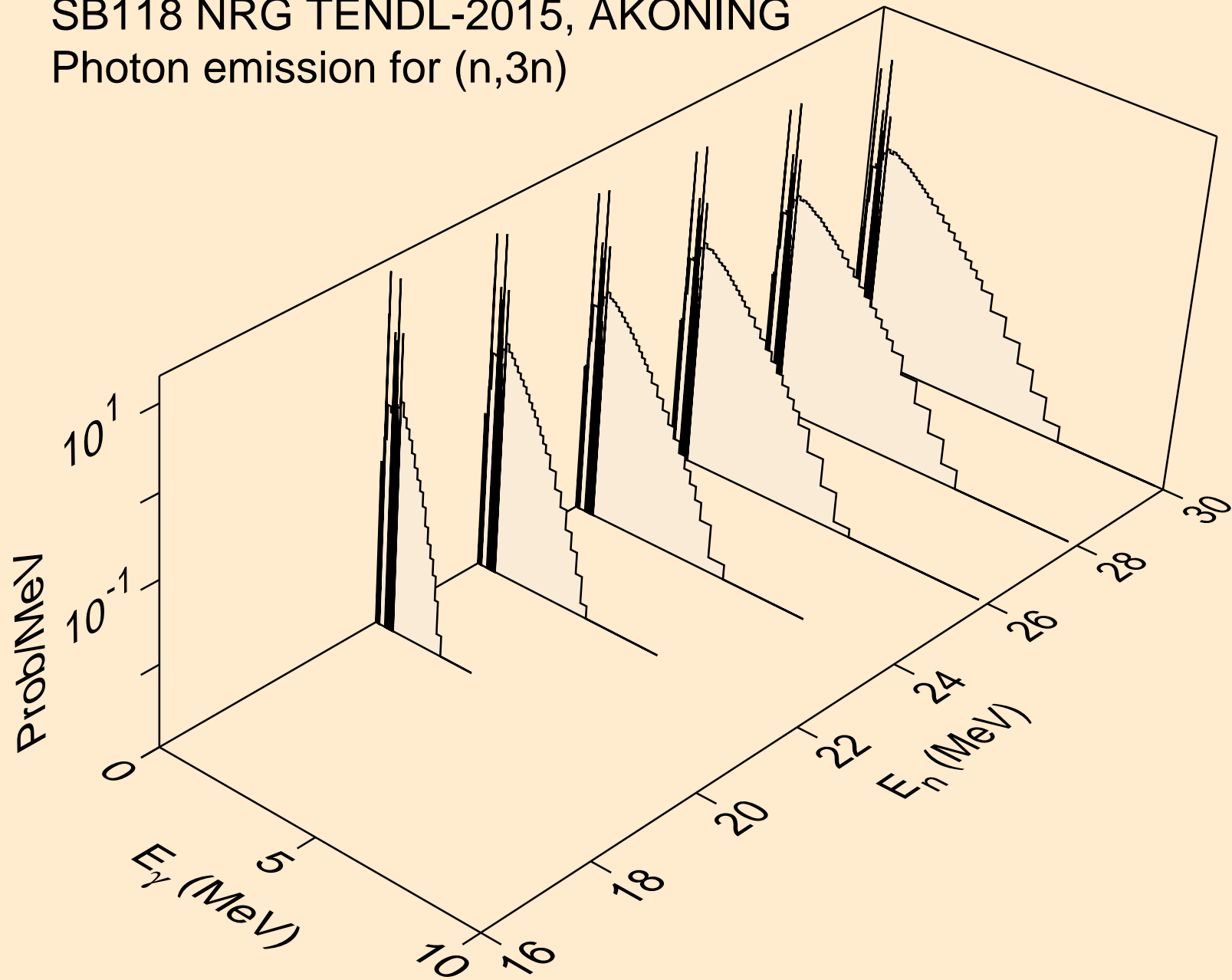
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



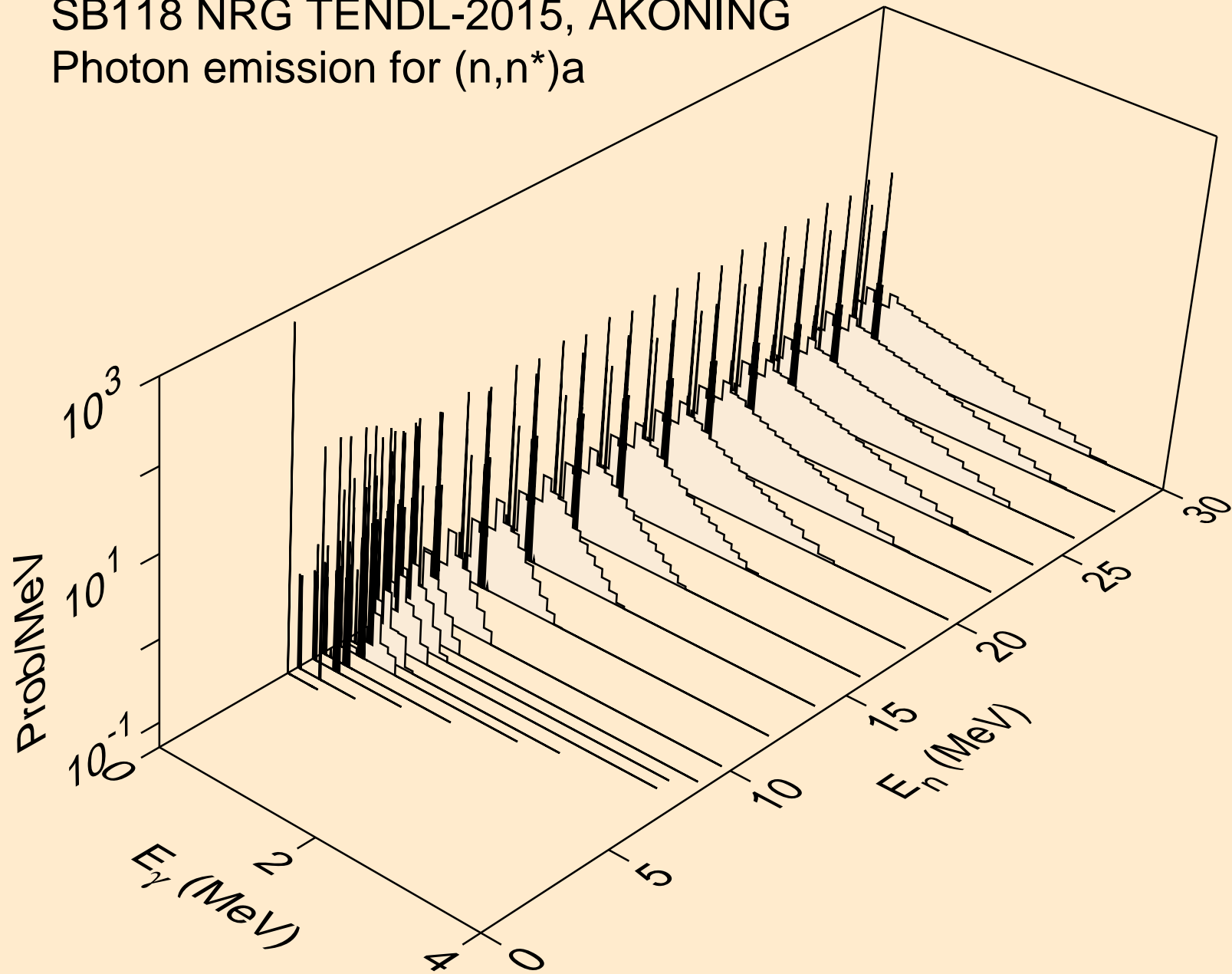
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



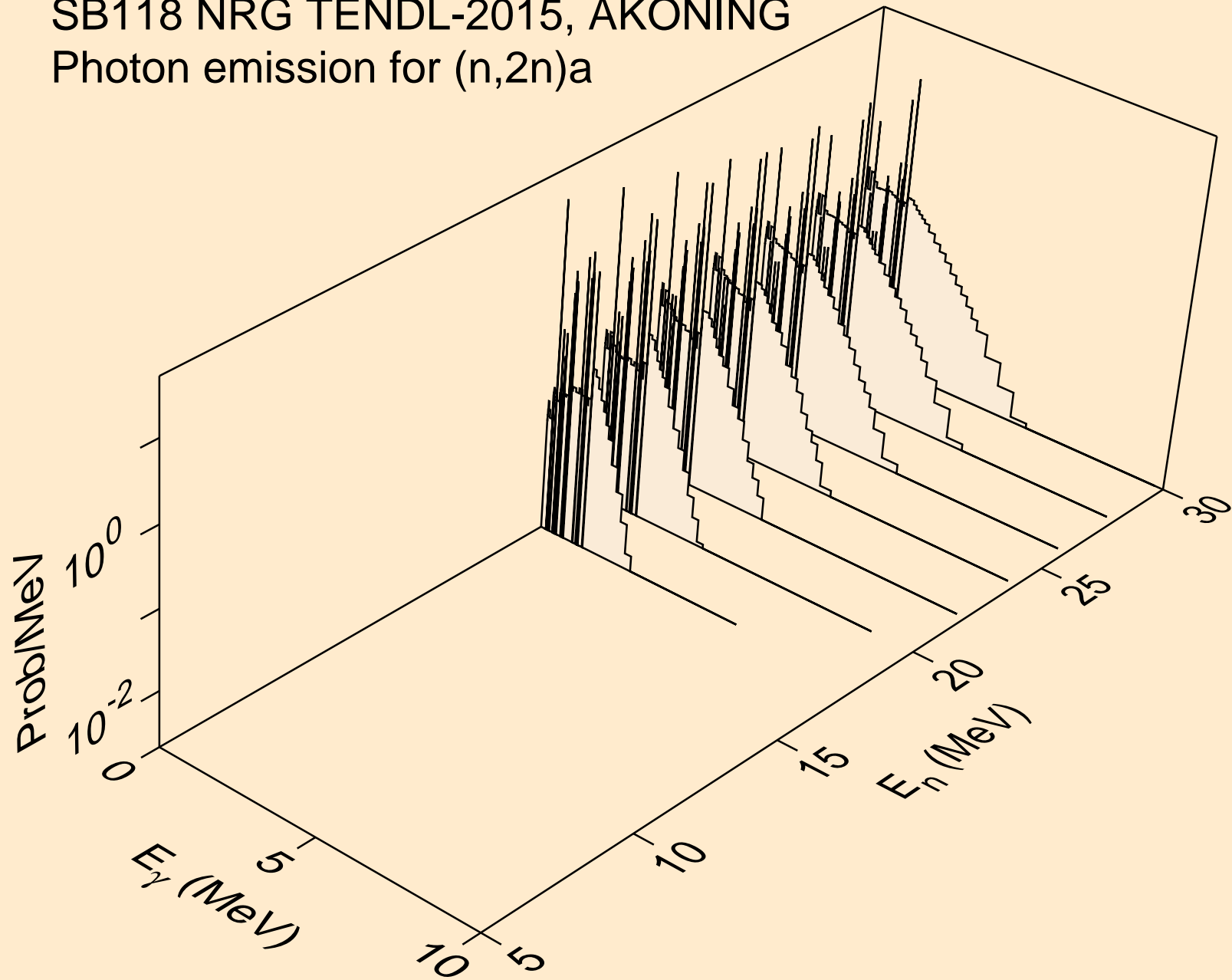
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

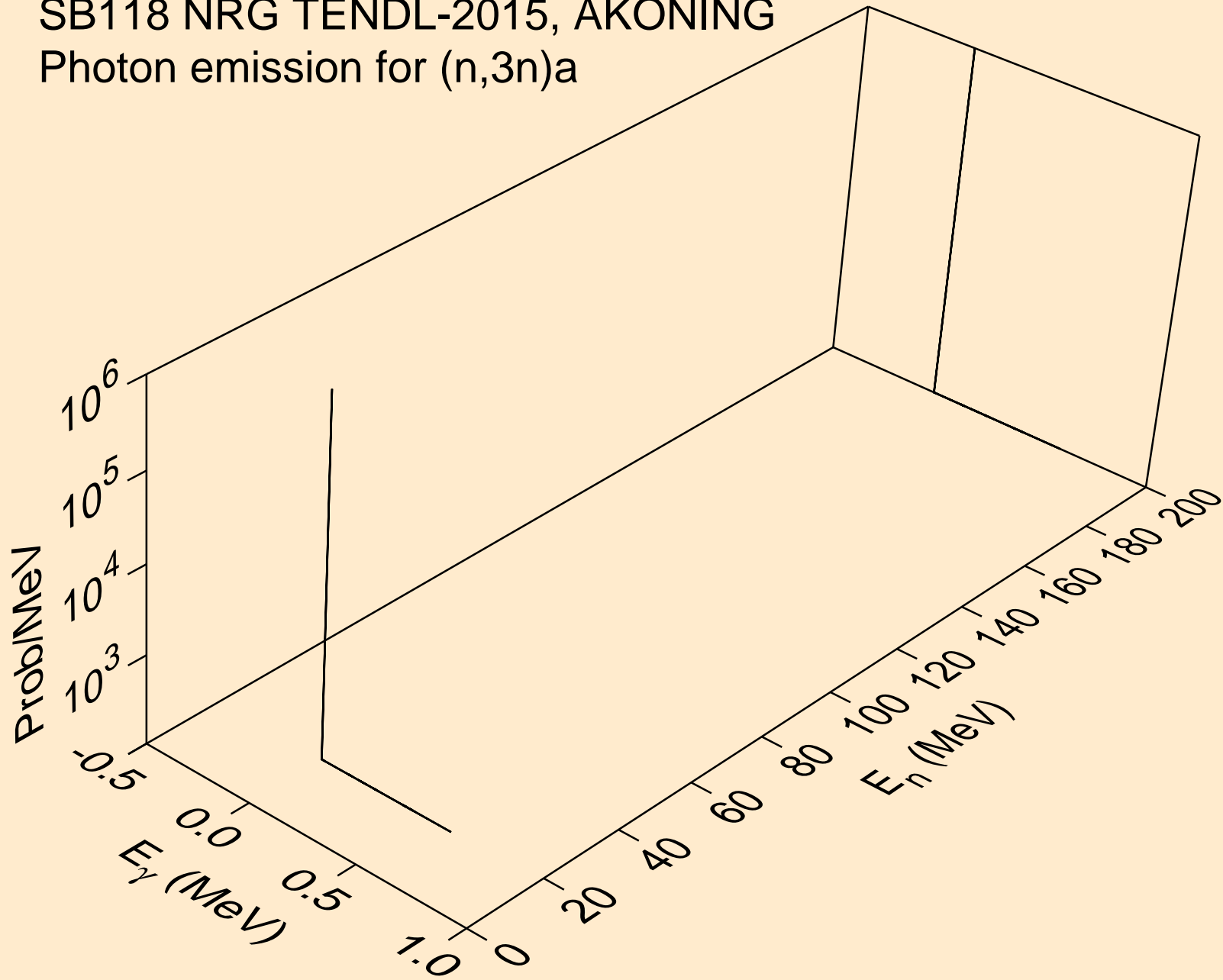


SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

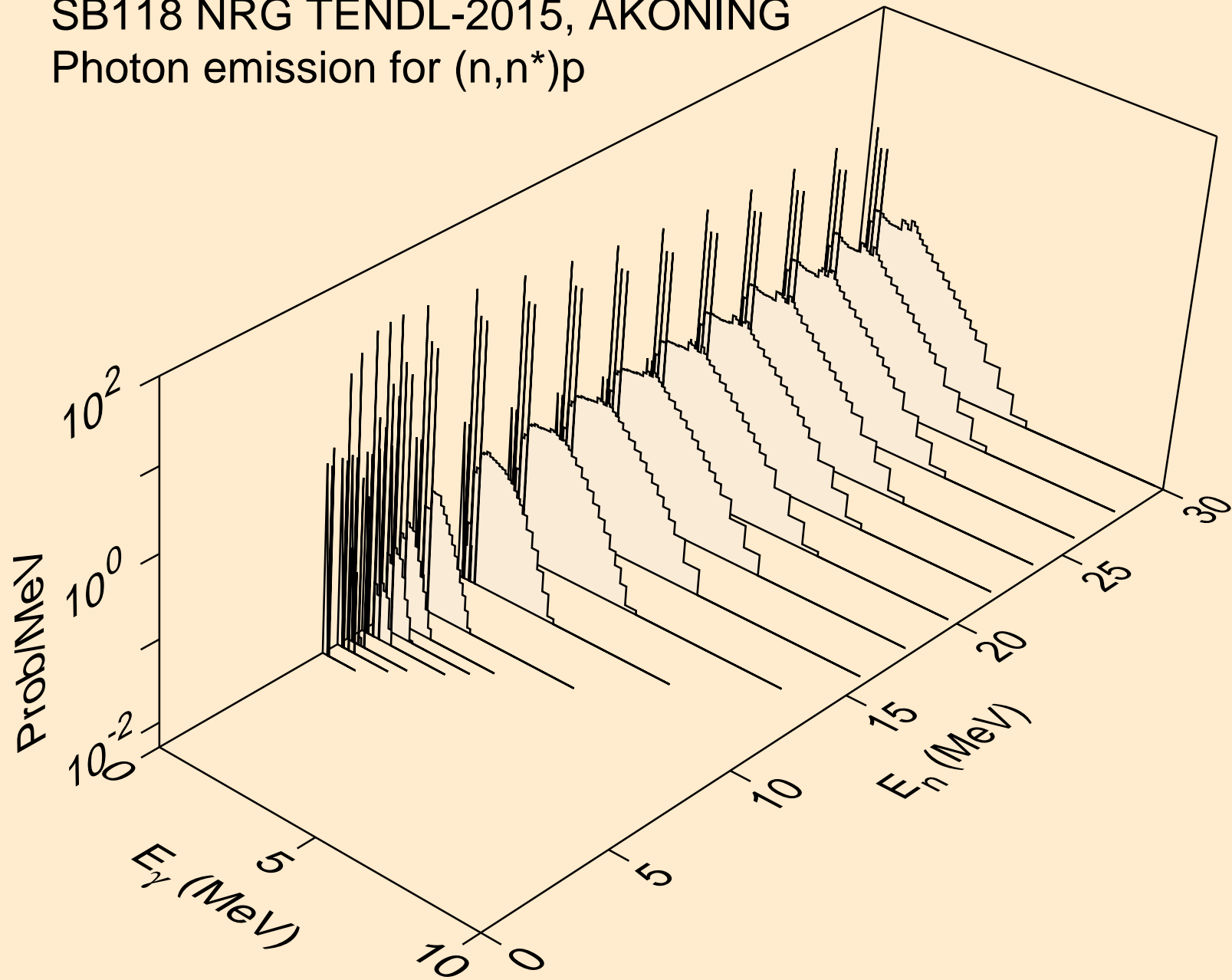




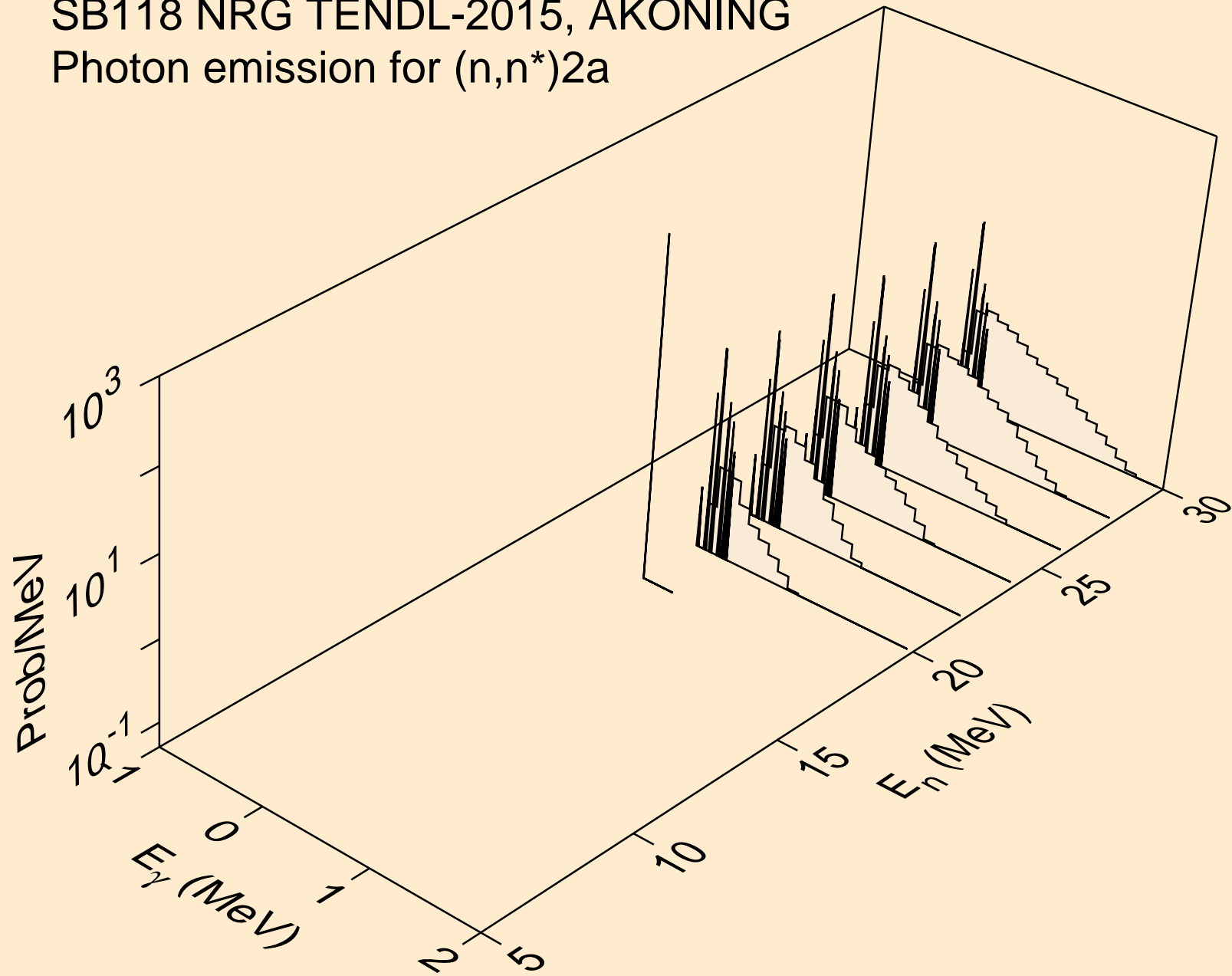
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



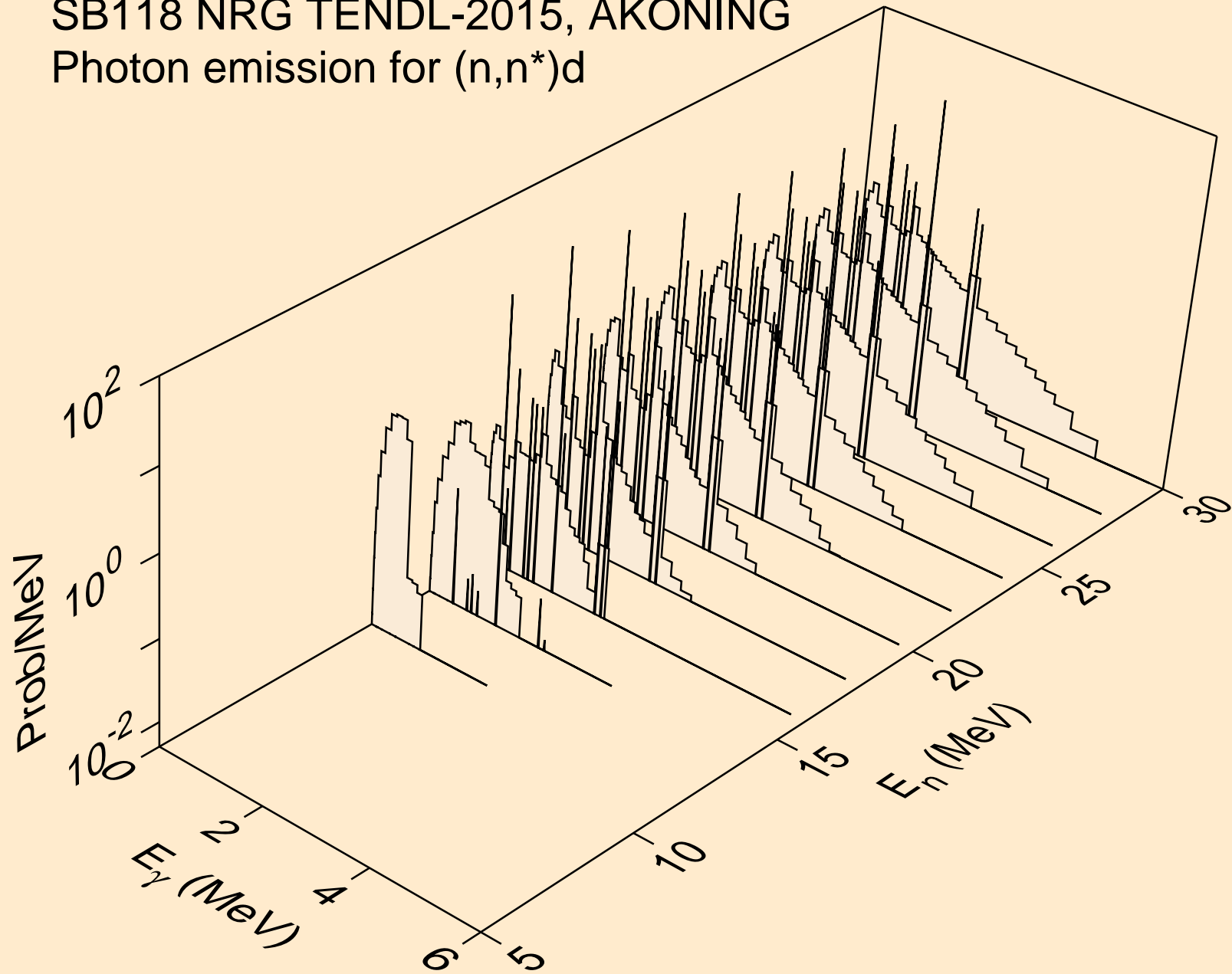
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



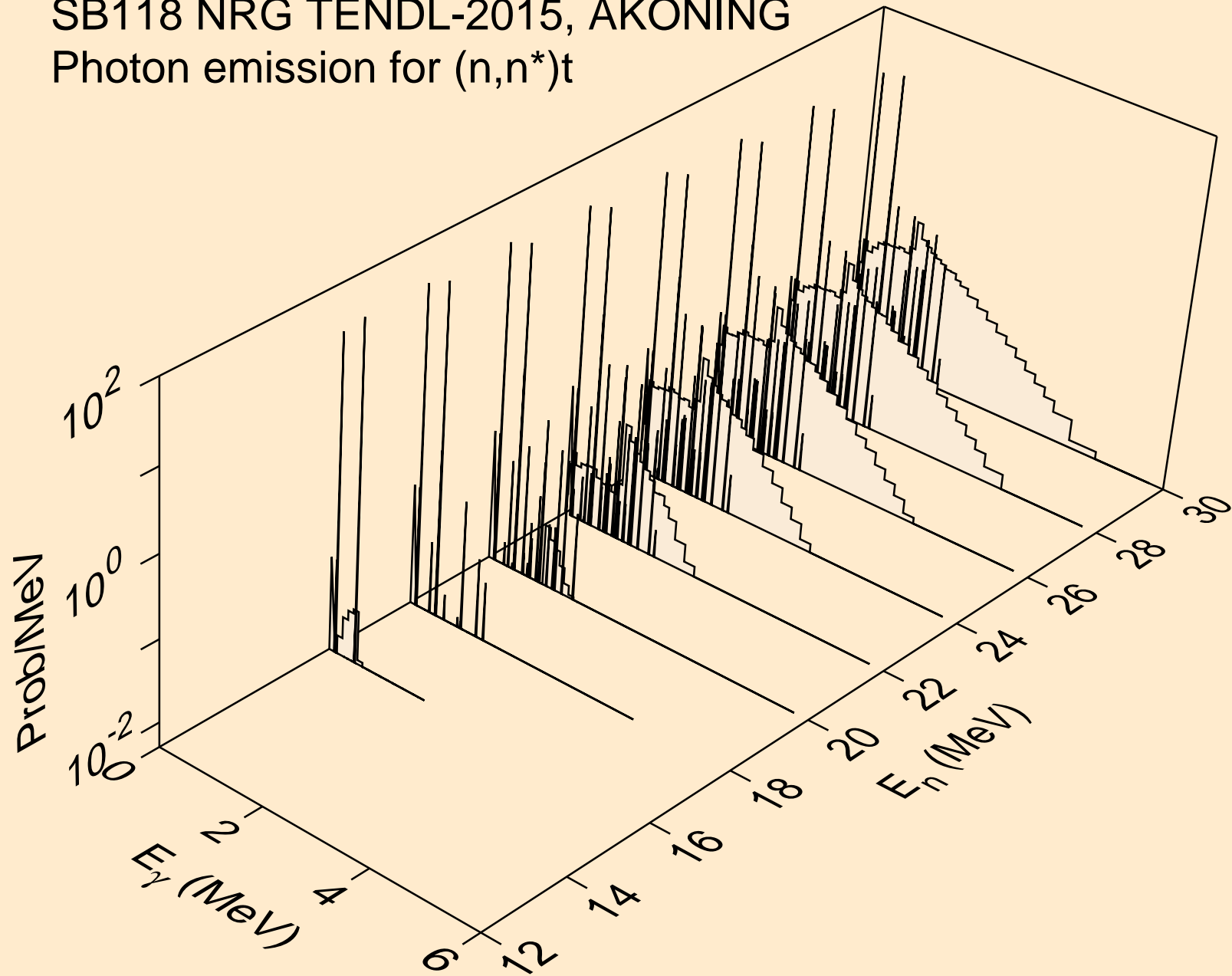
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



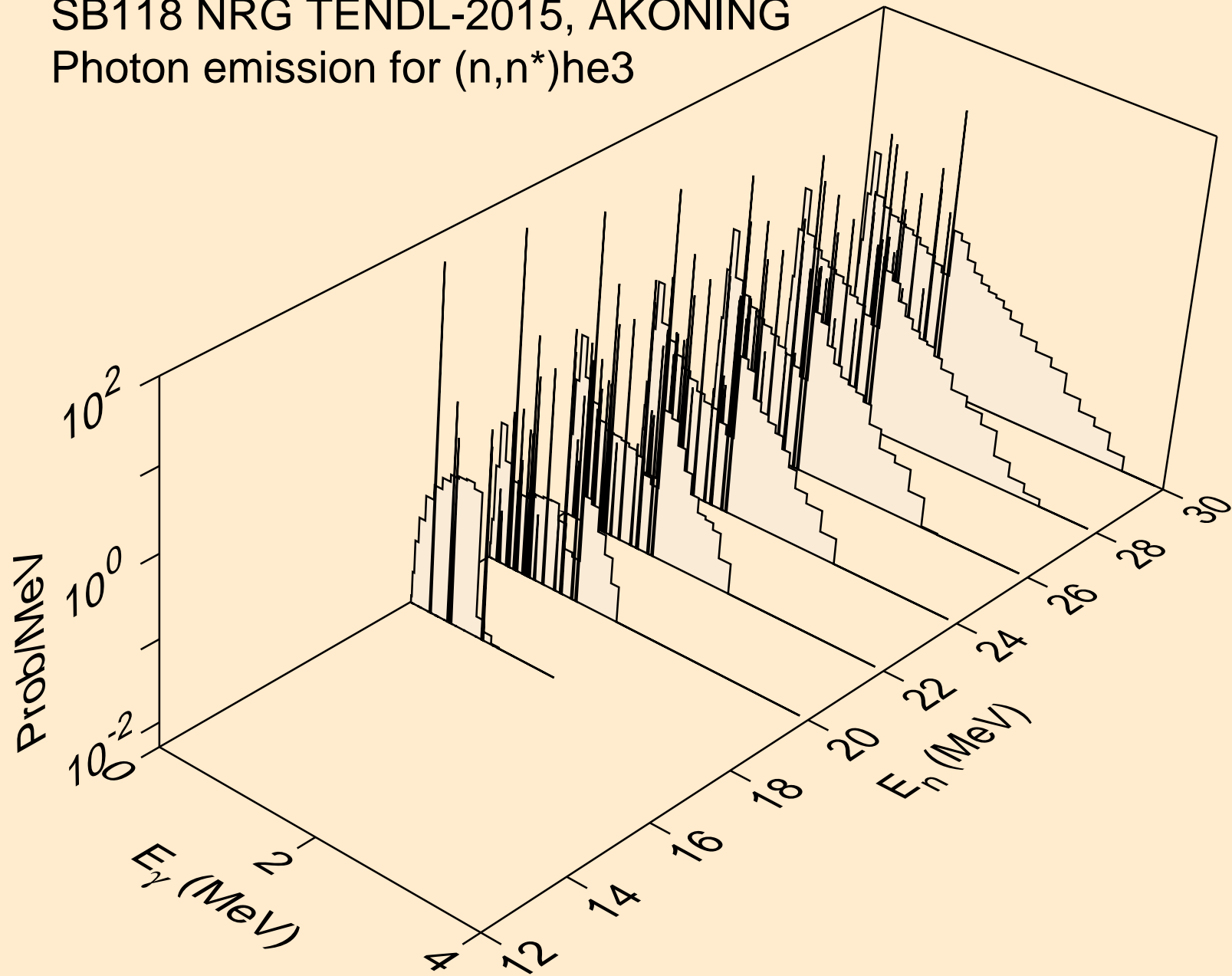
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



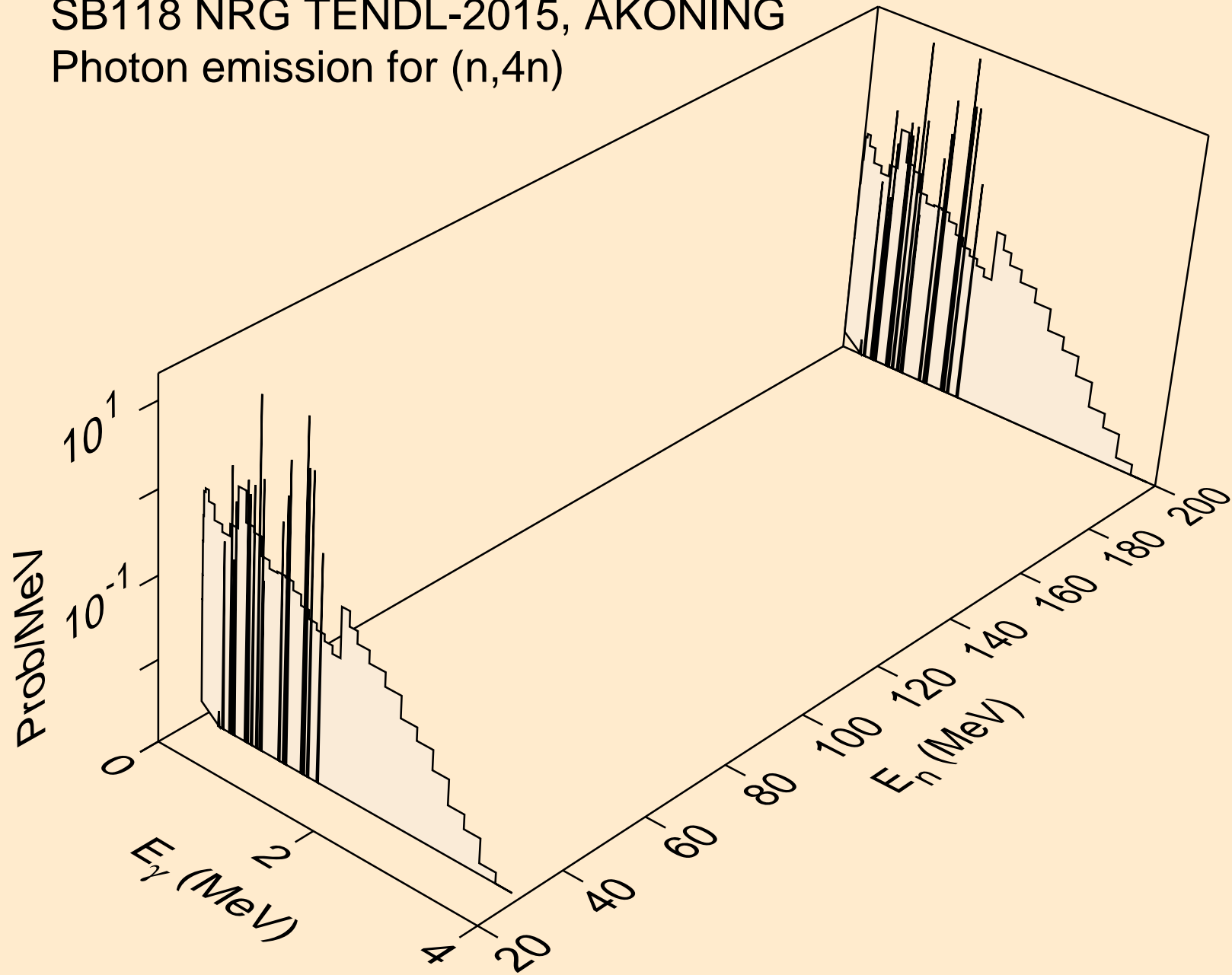
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



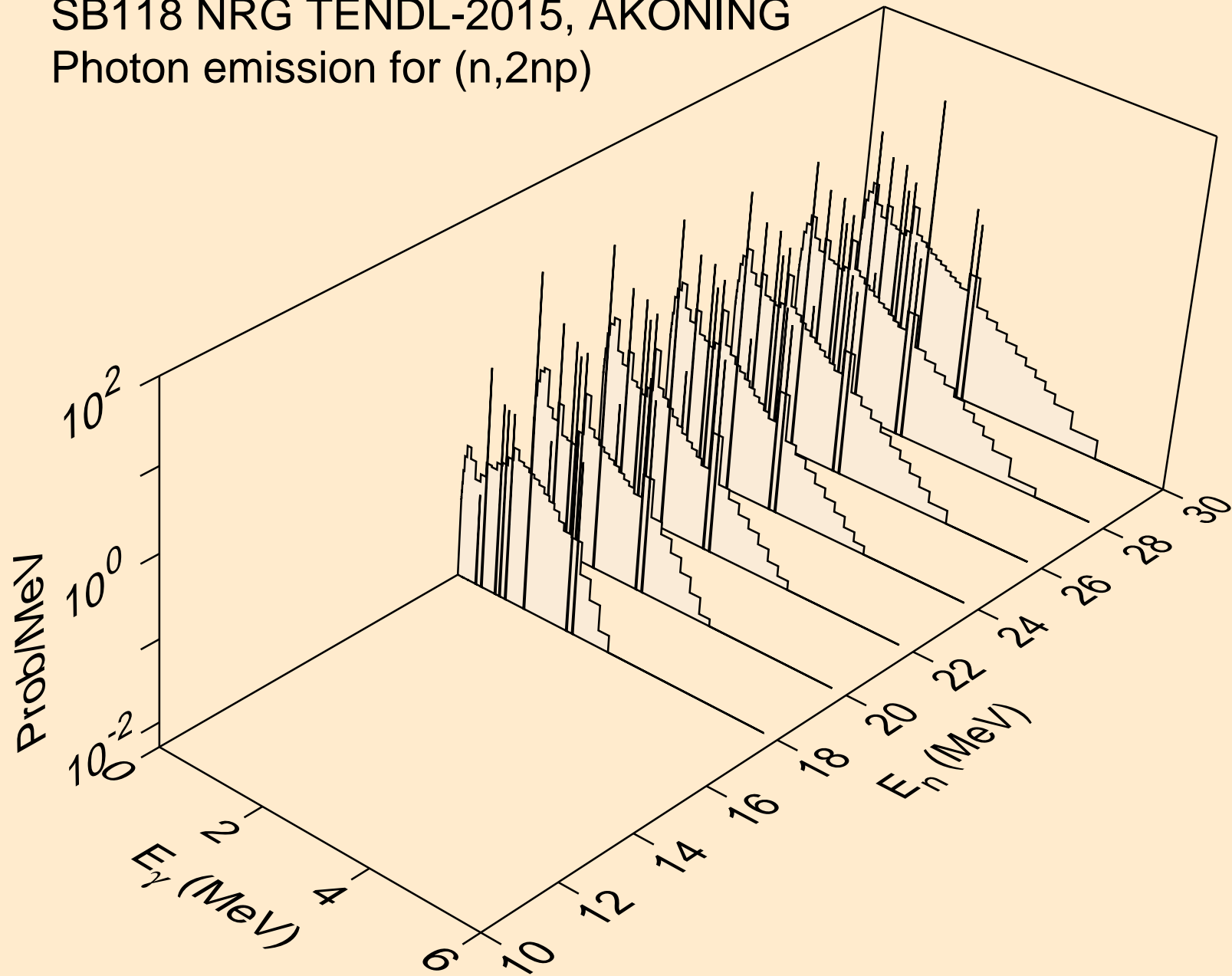
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

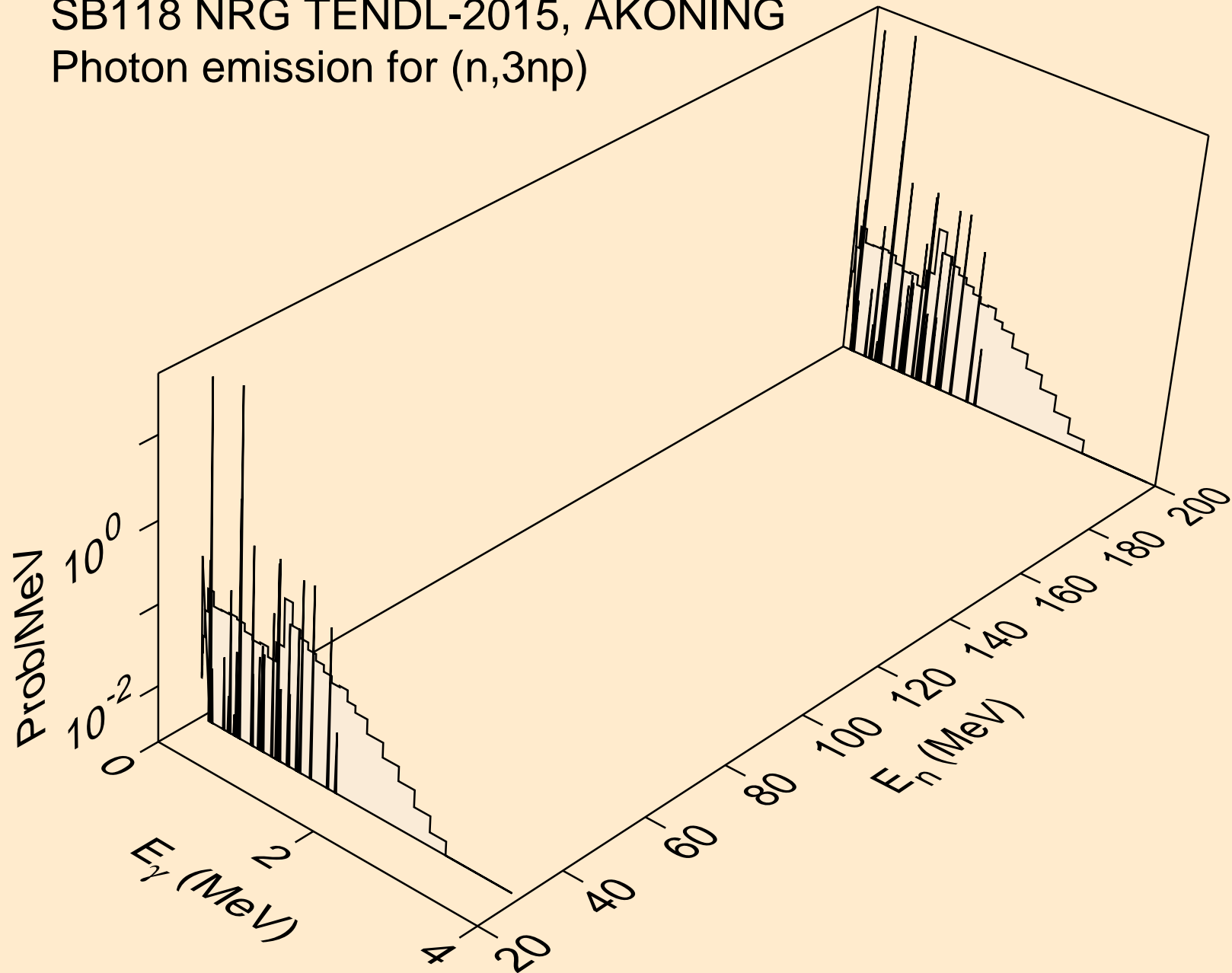


SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

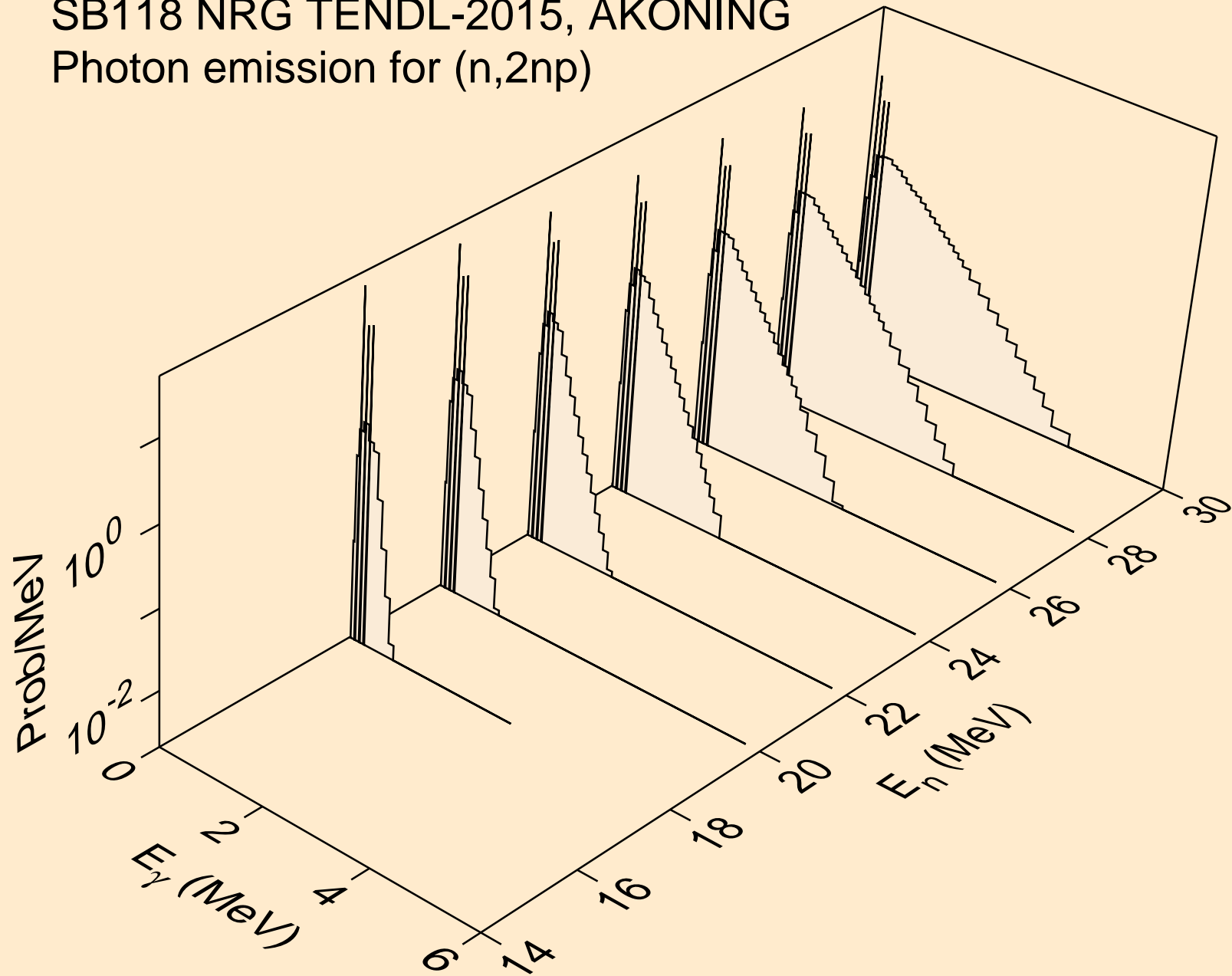




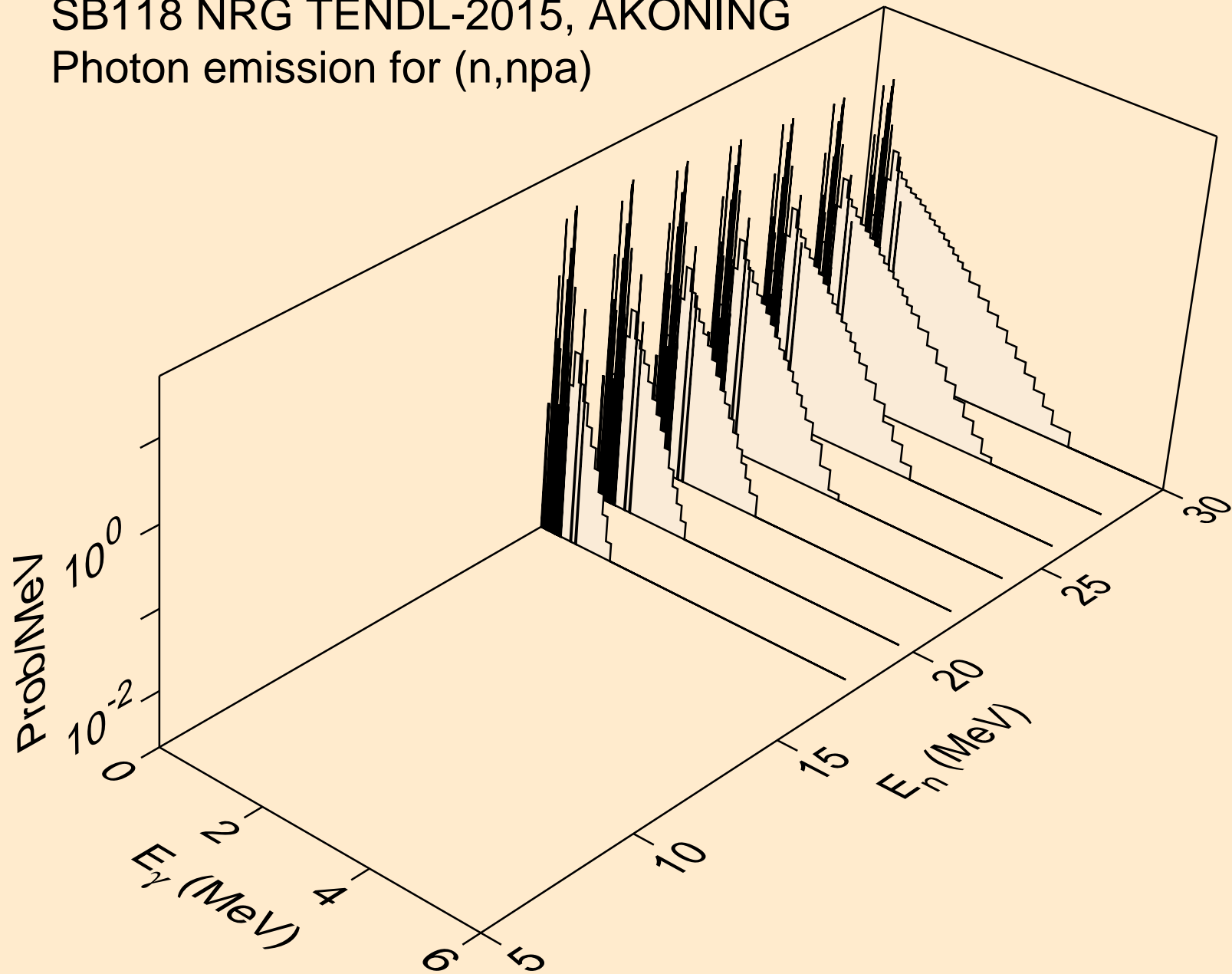
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



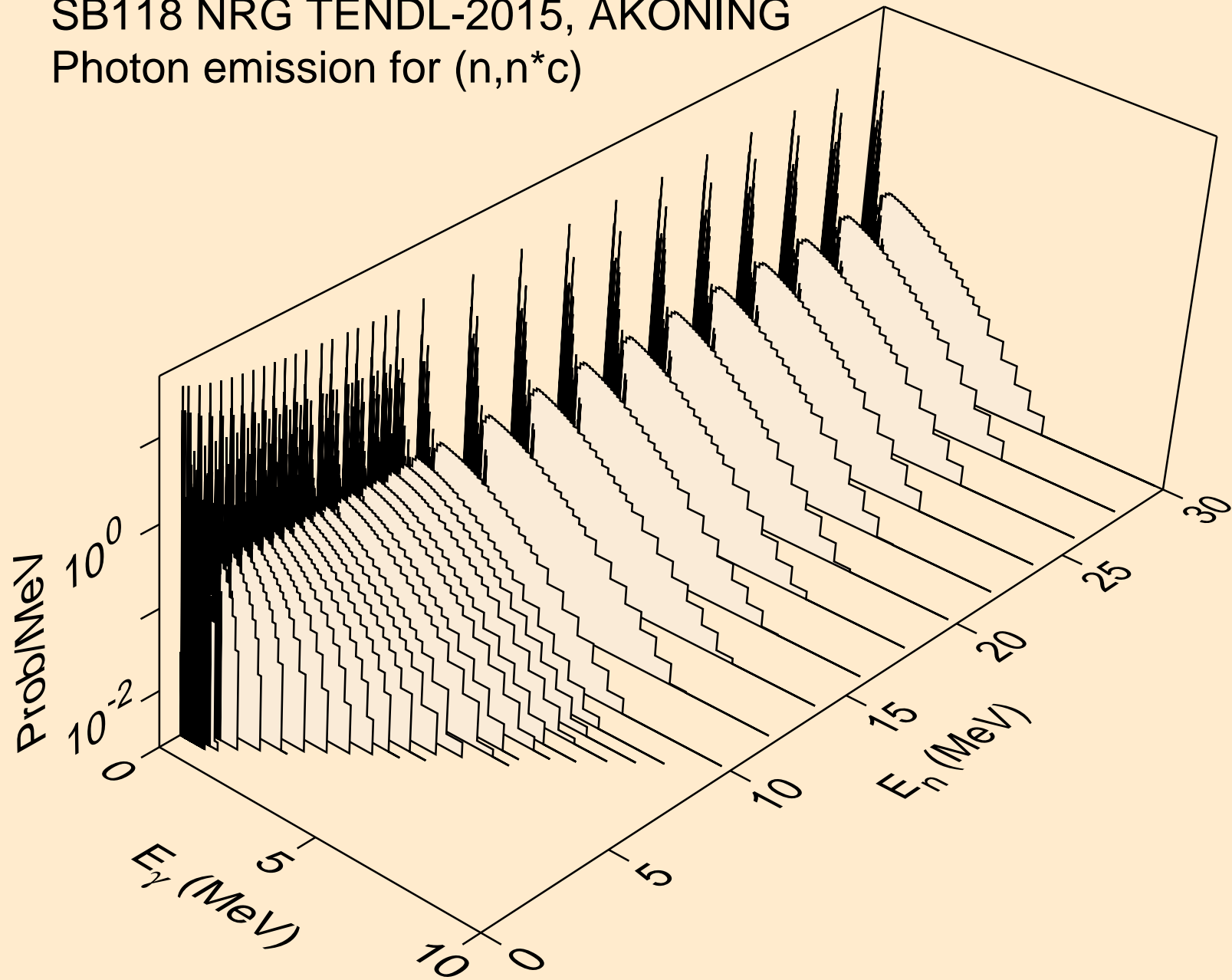
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



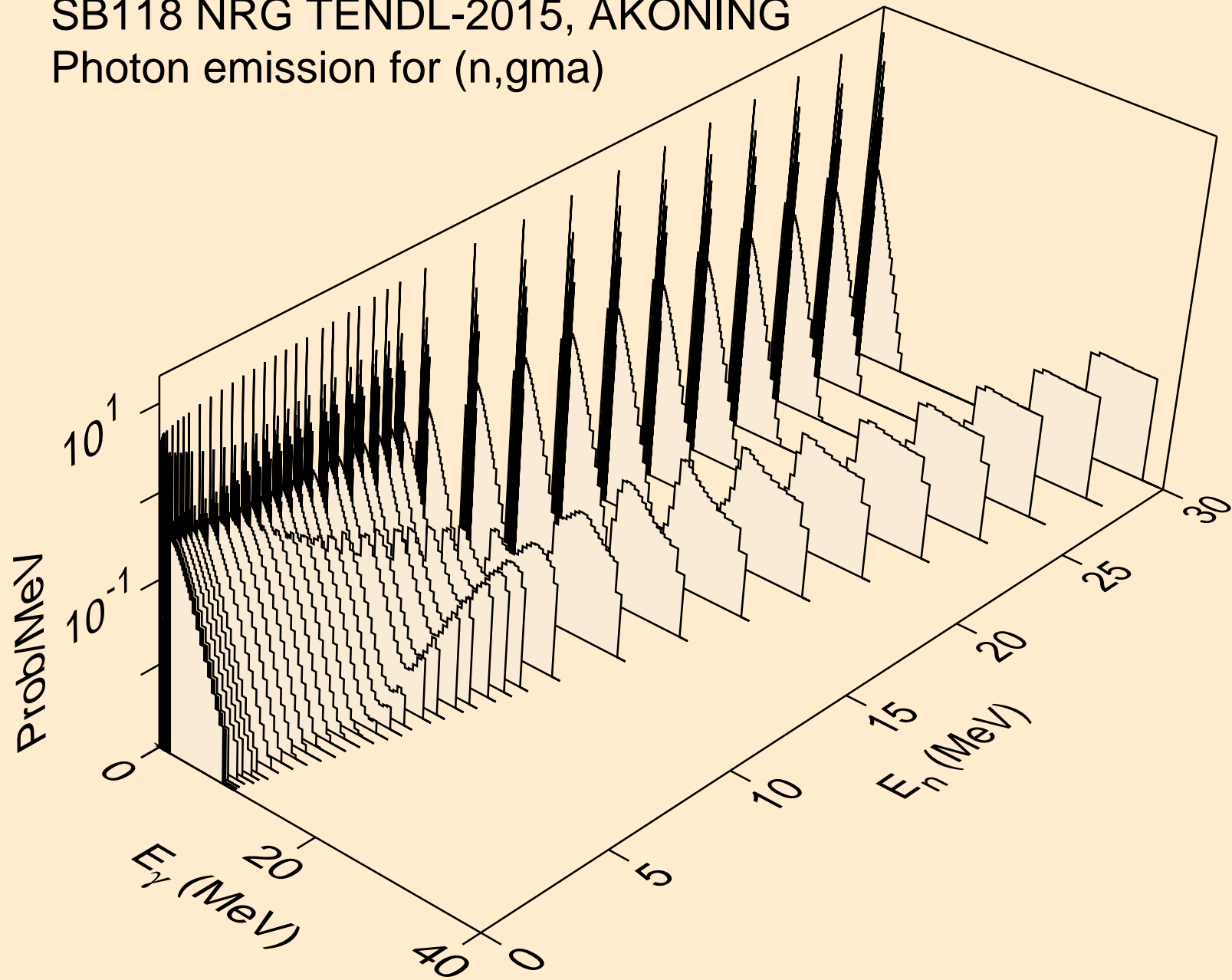
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



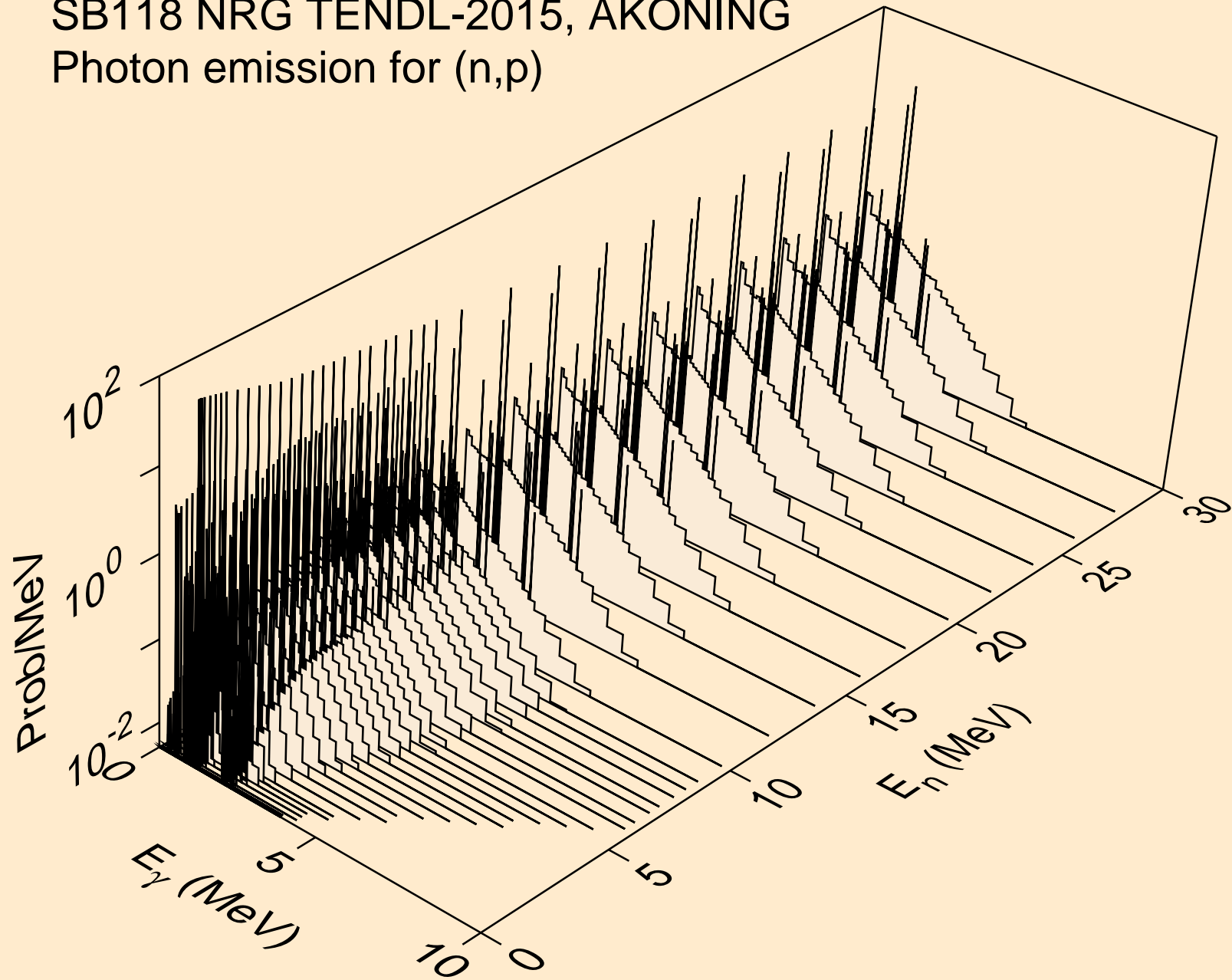
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



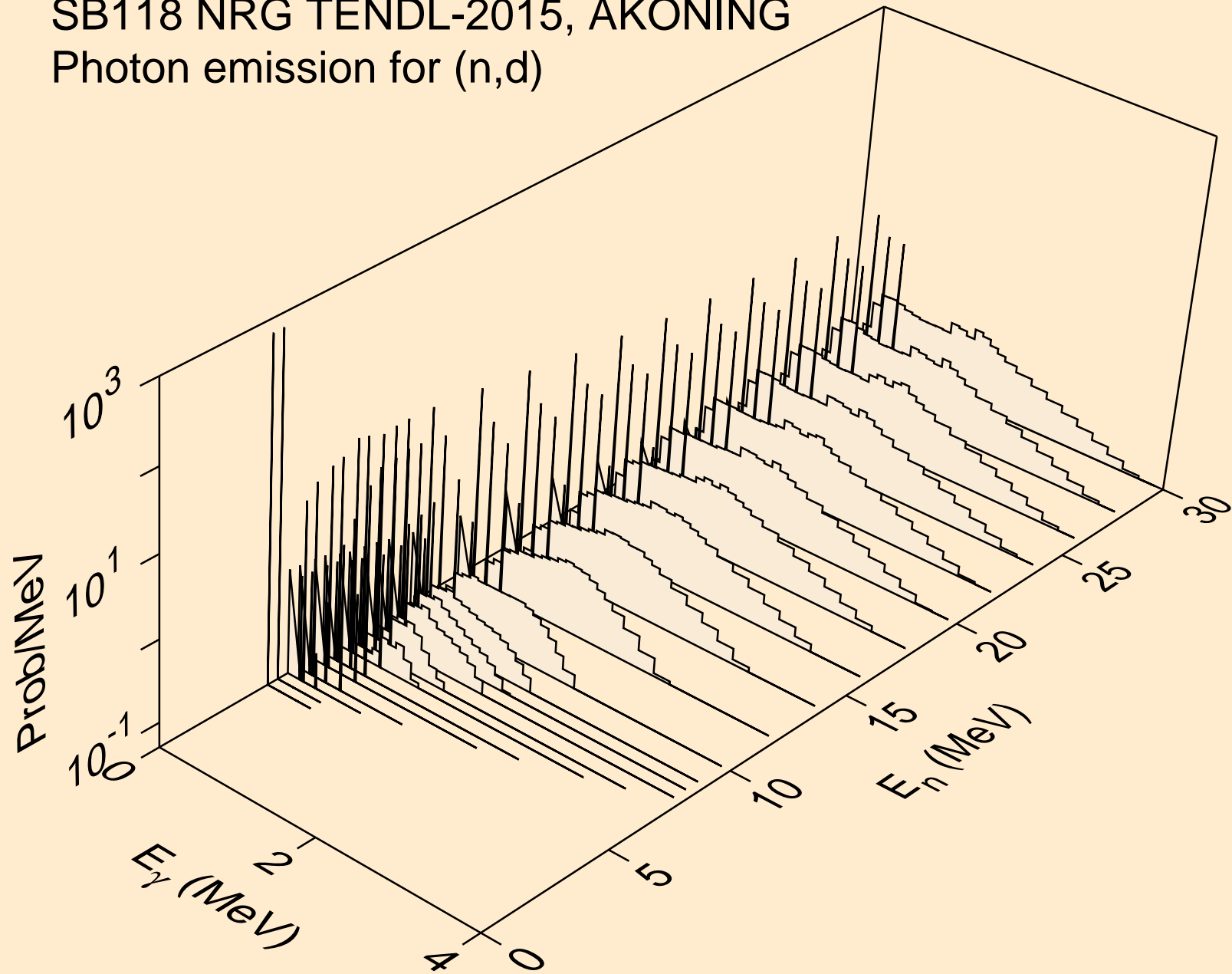
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



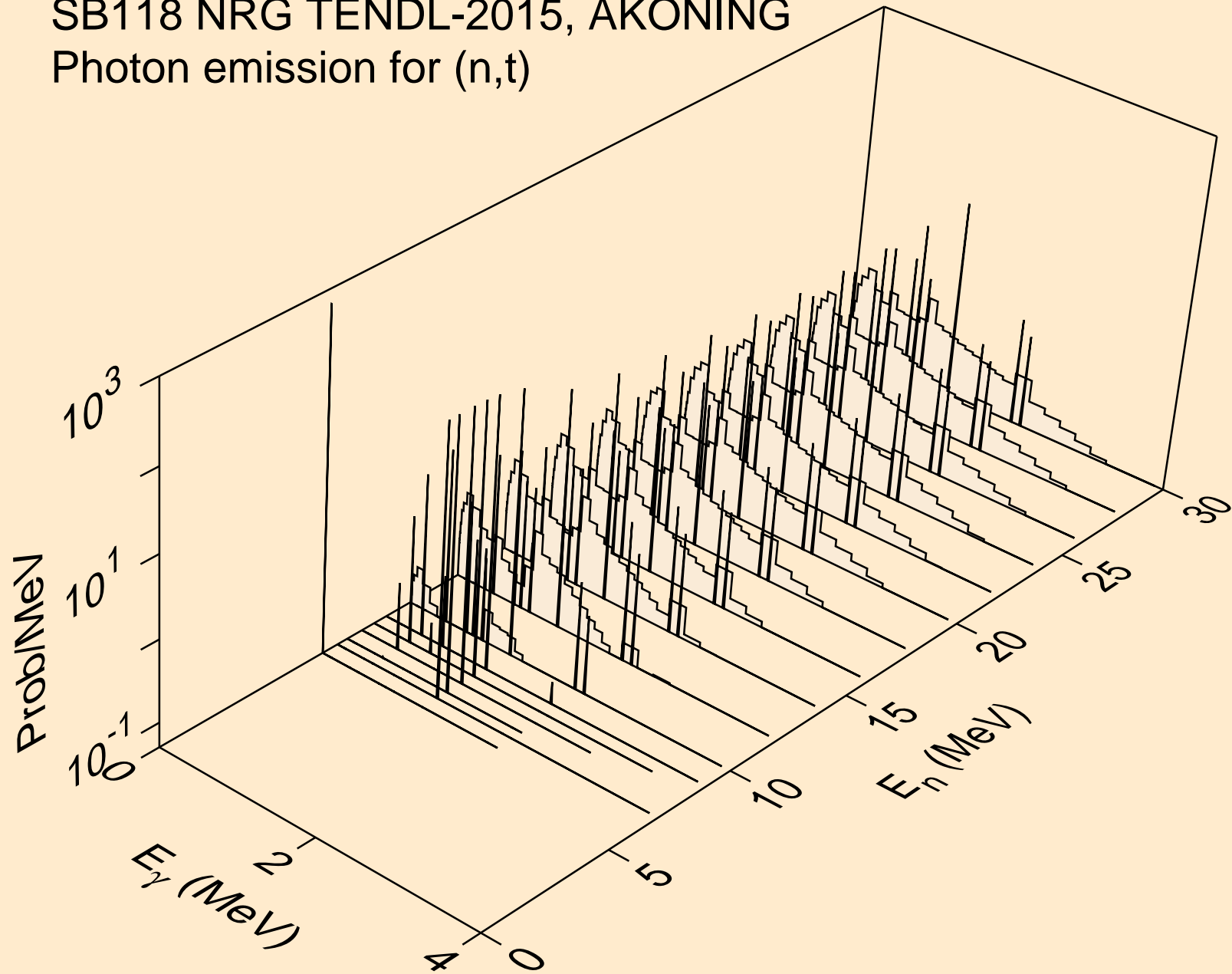
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

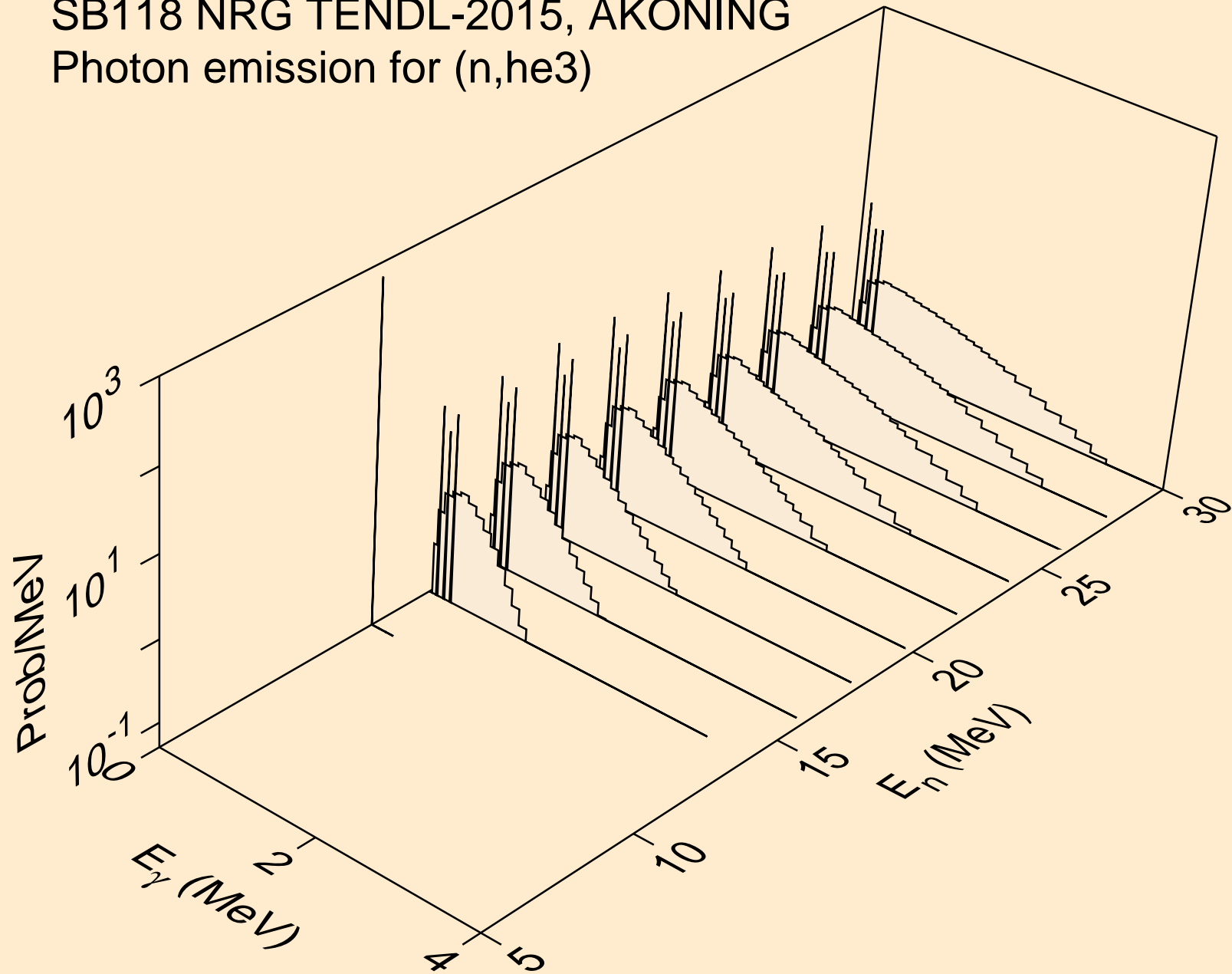


SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

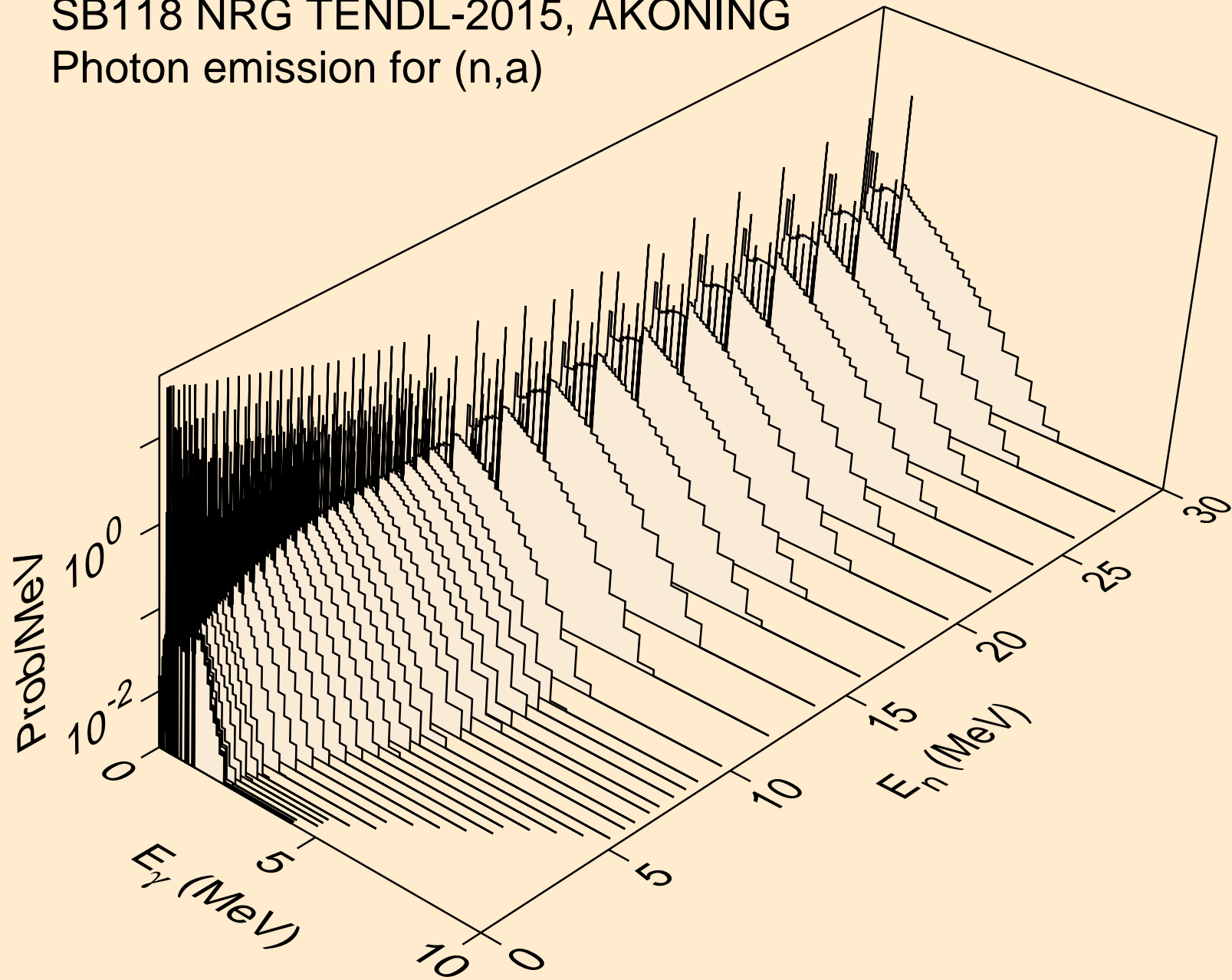




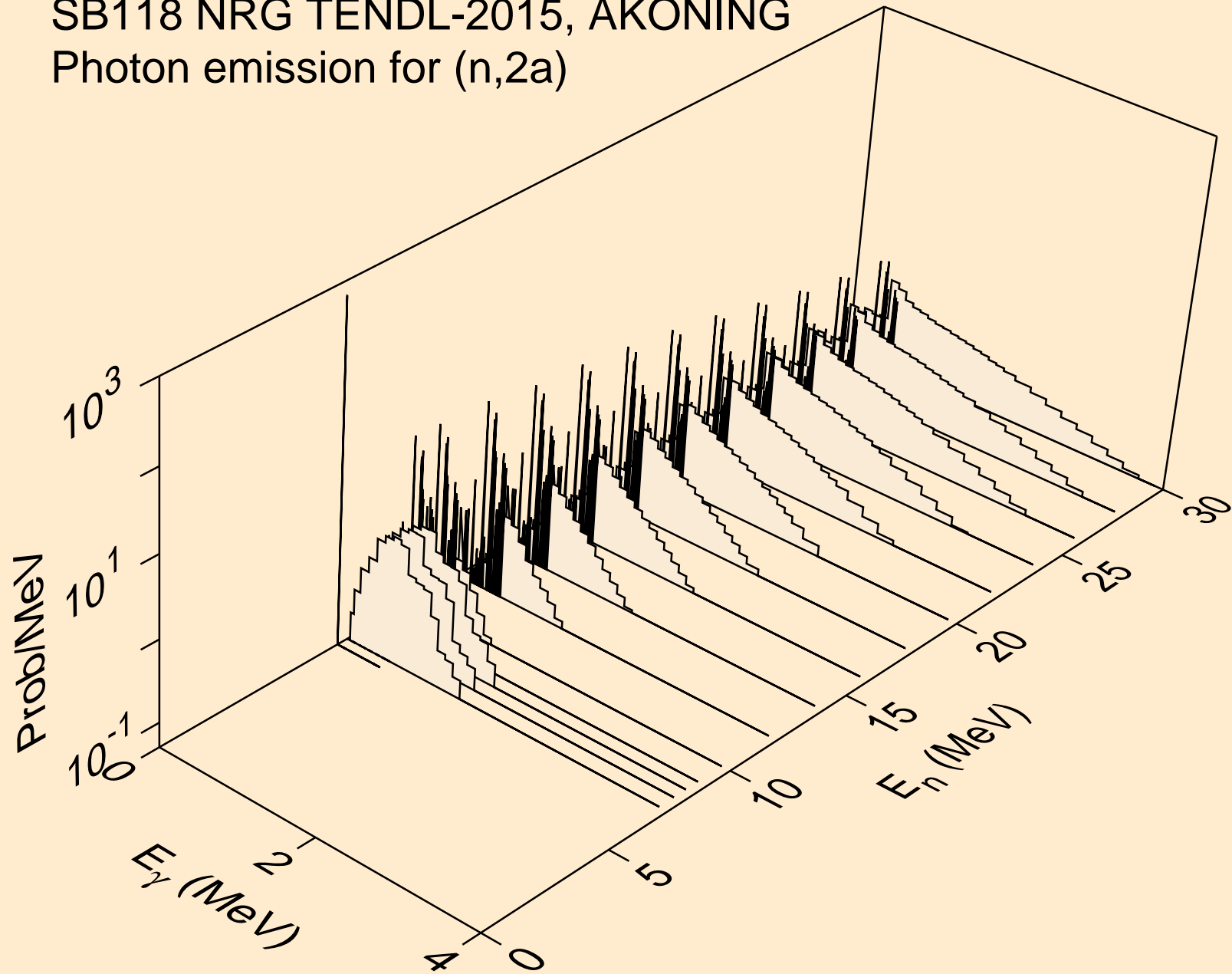
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



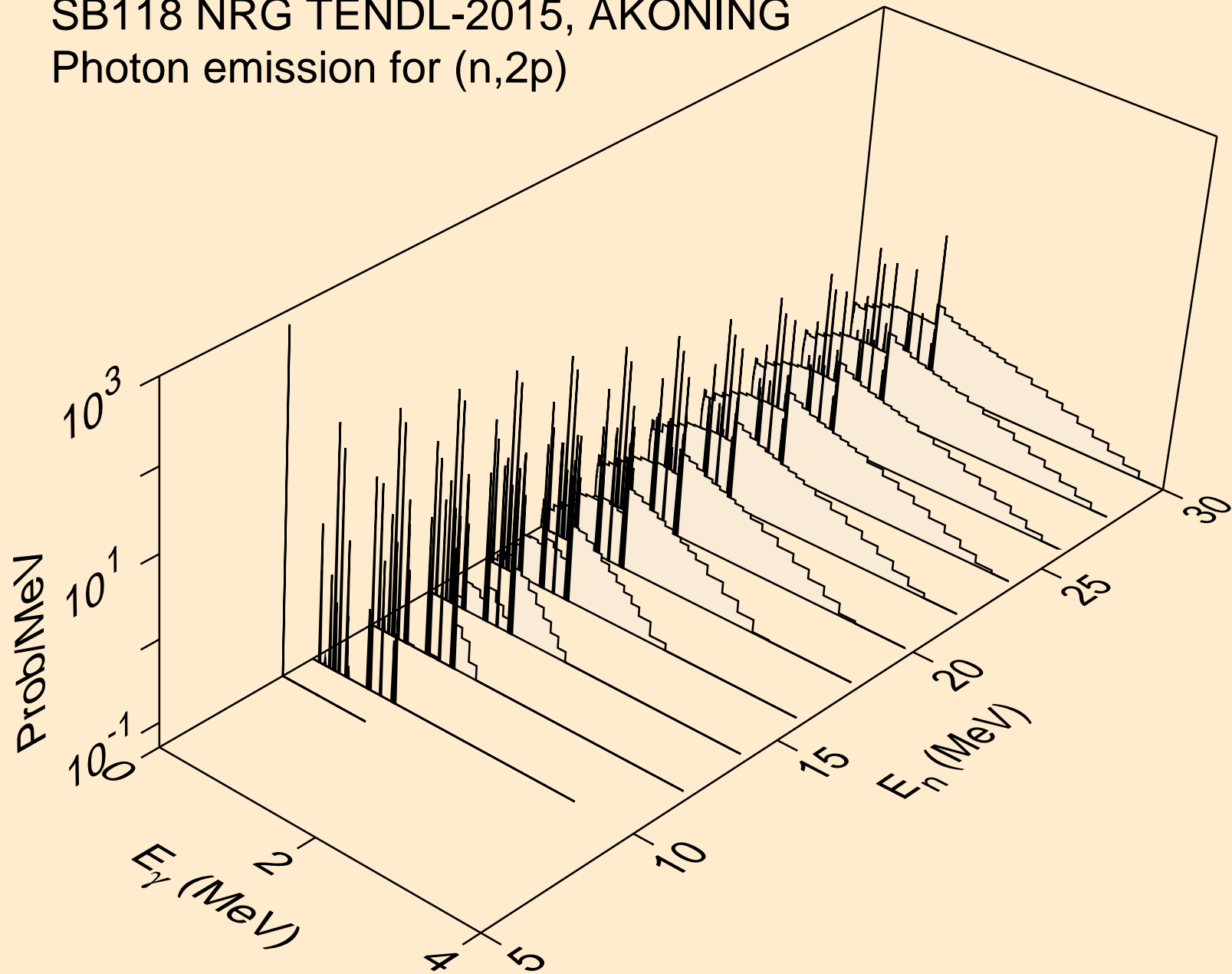
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



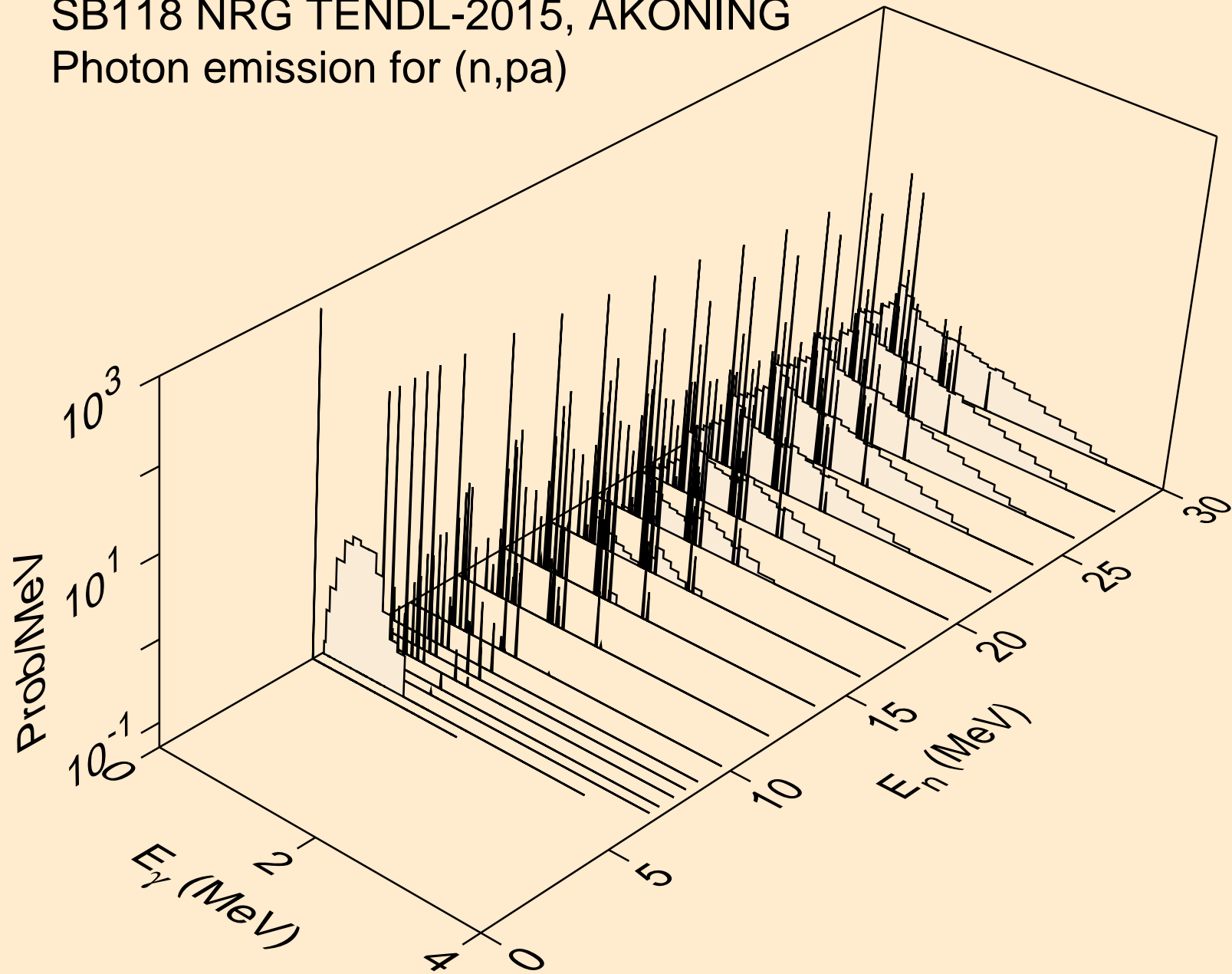
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



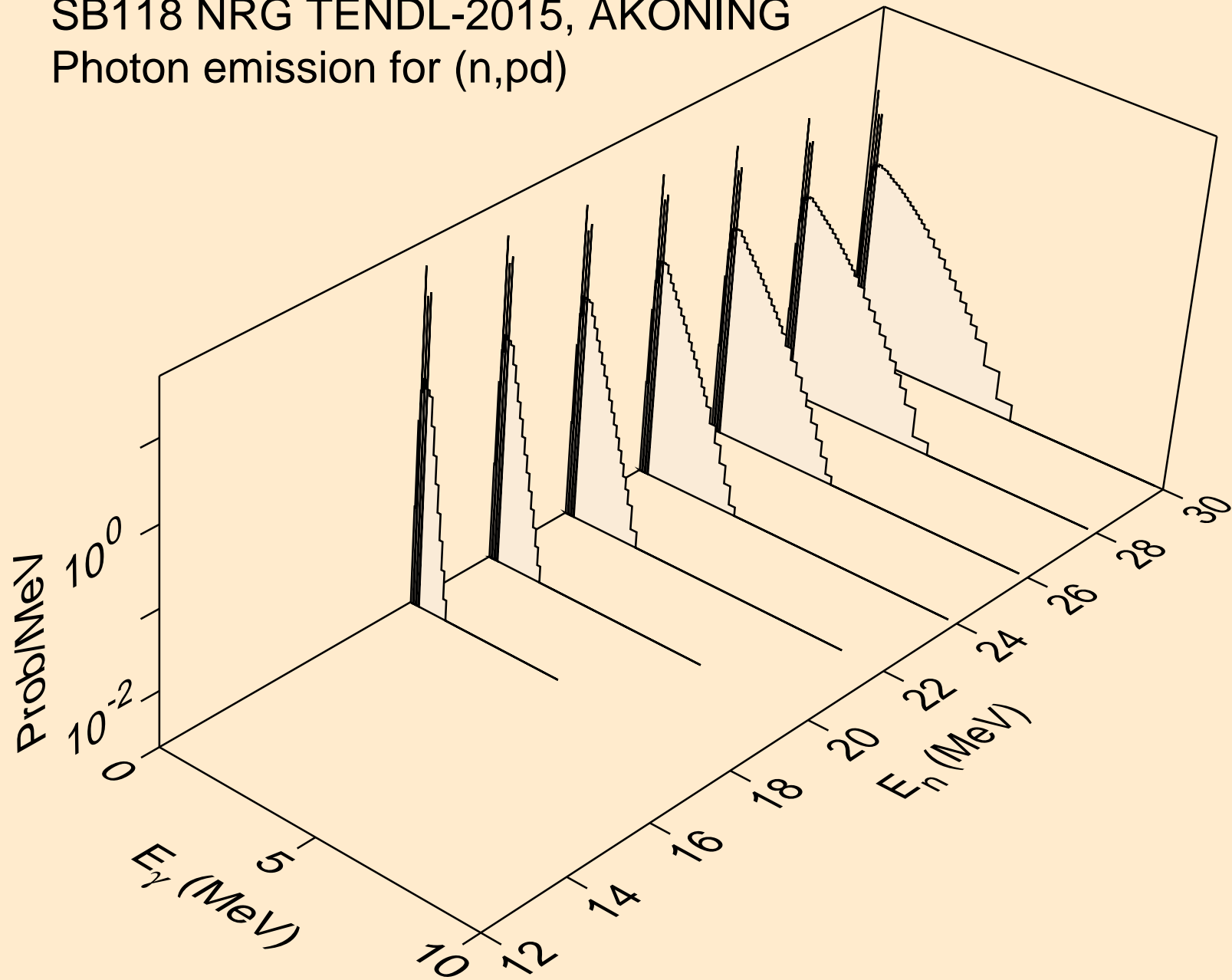
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



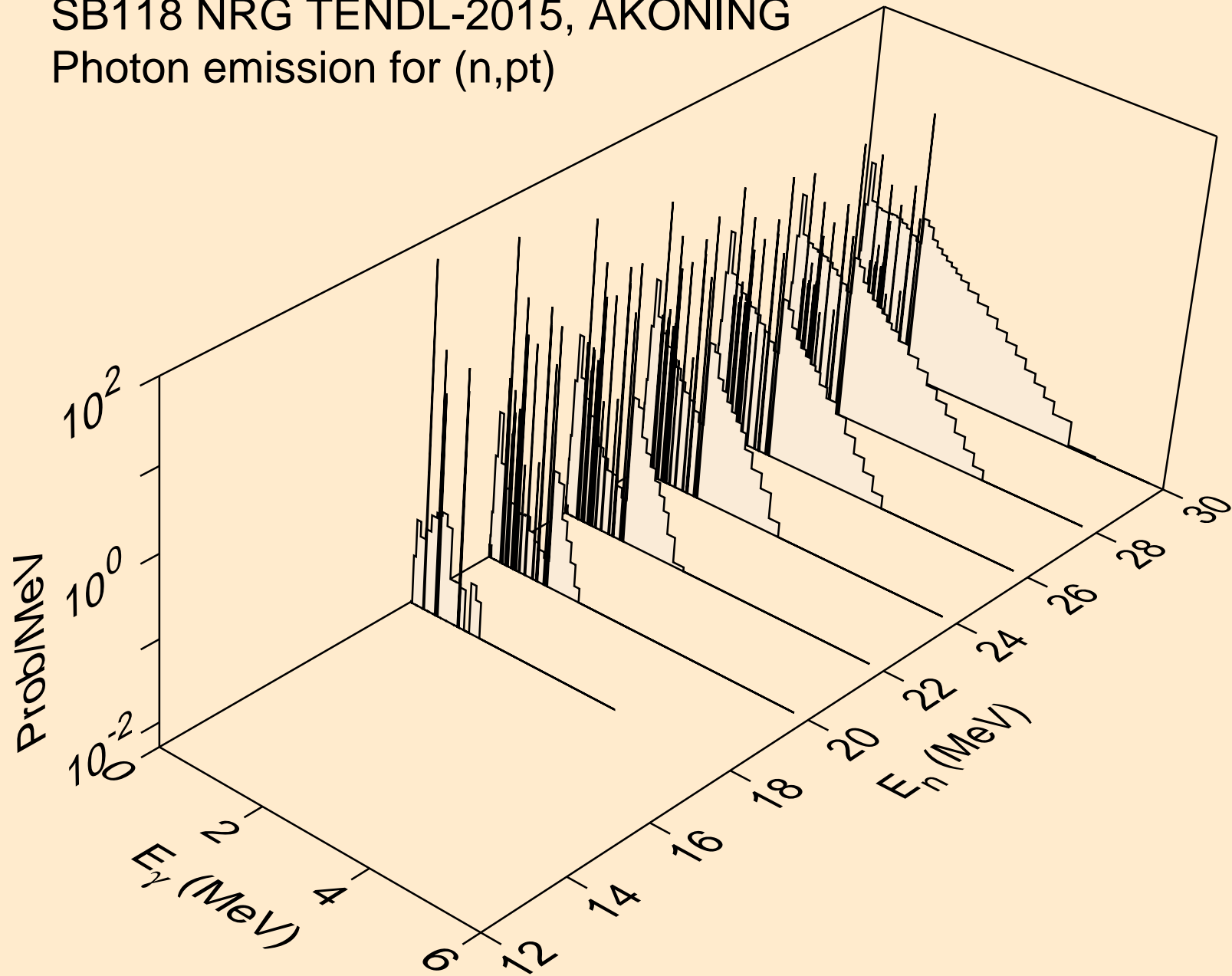
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



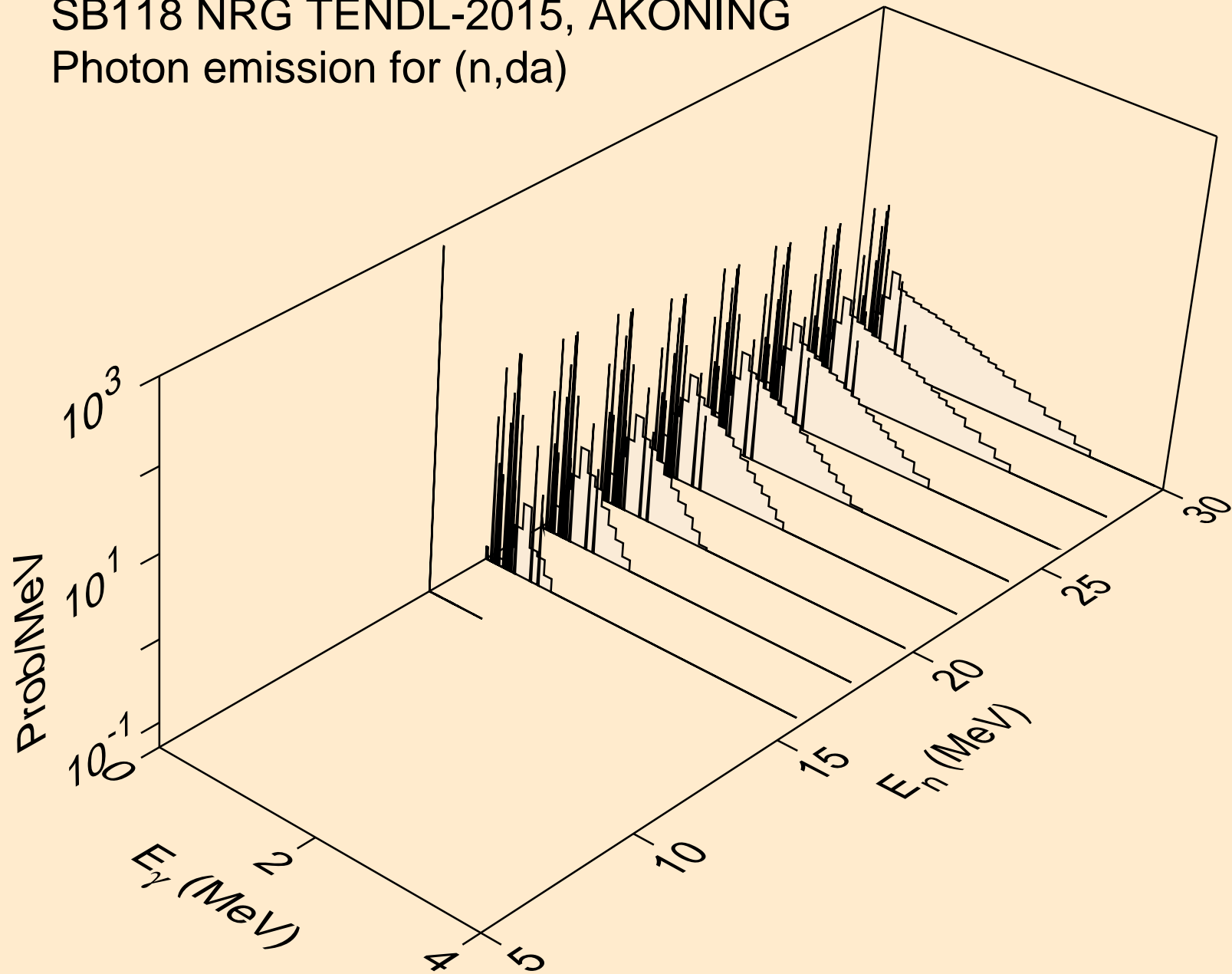
SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

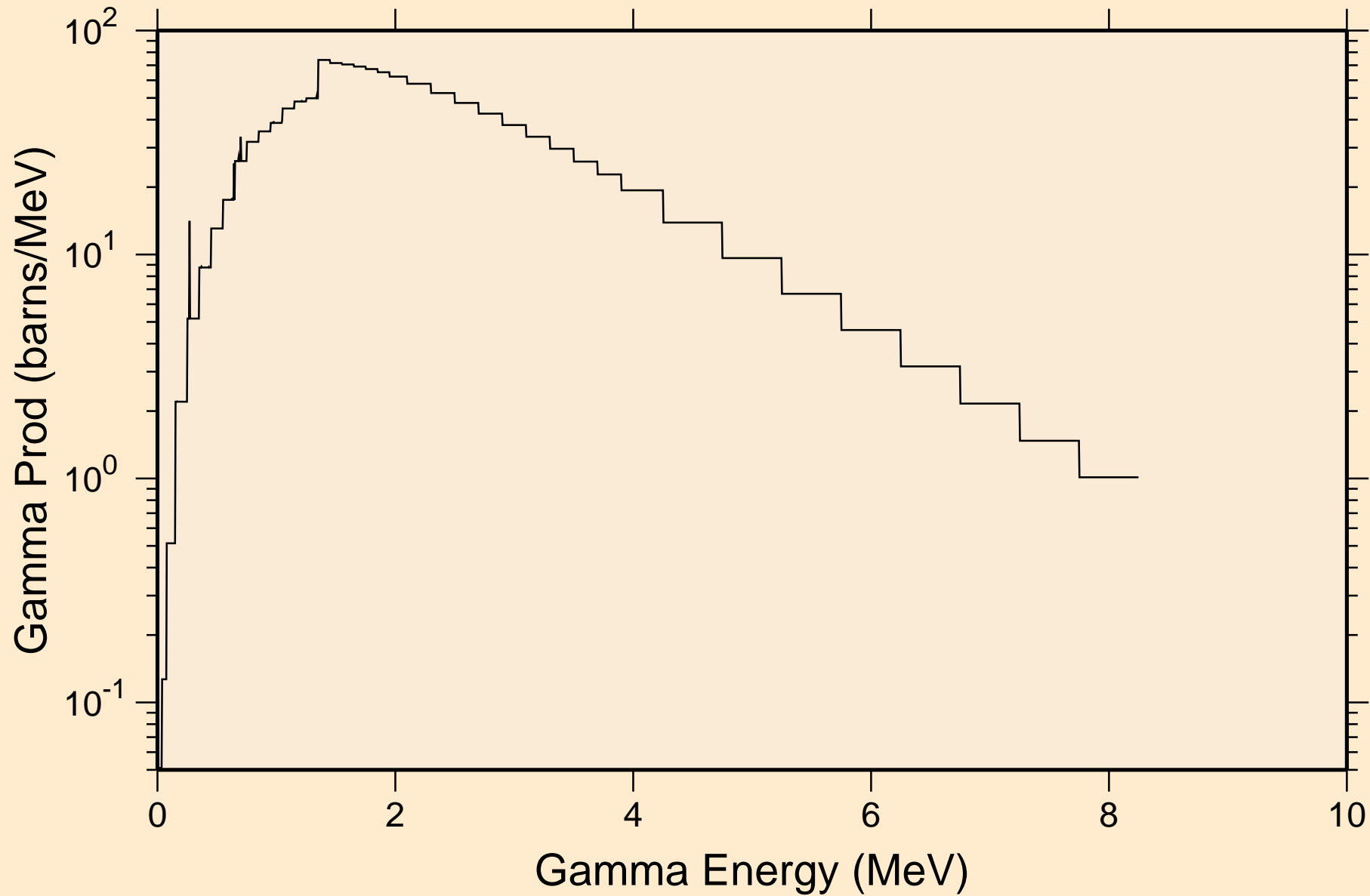


SB118 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

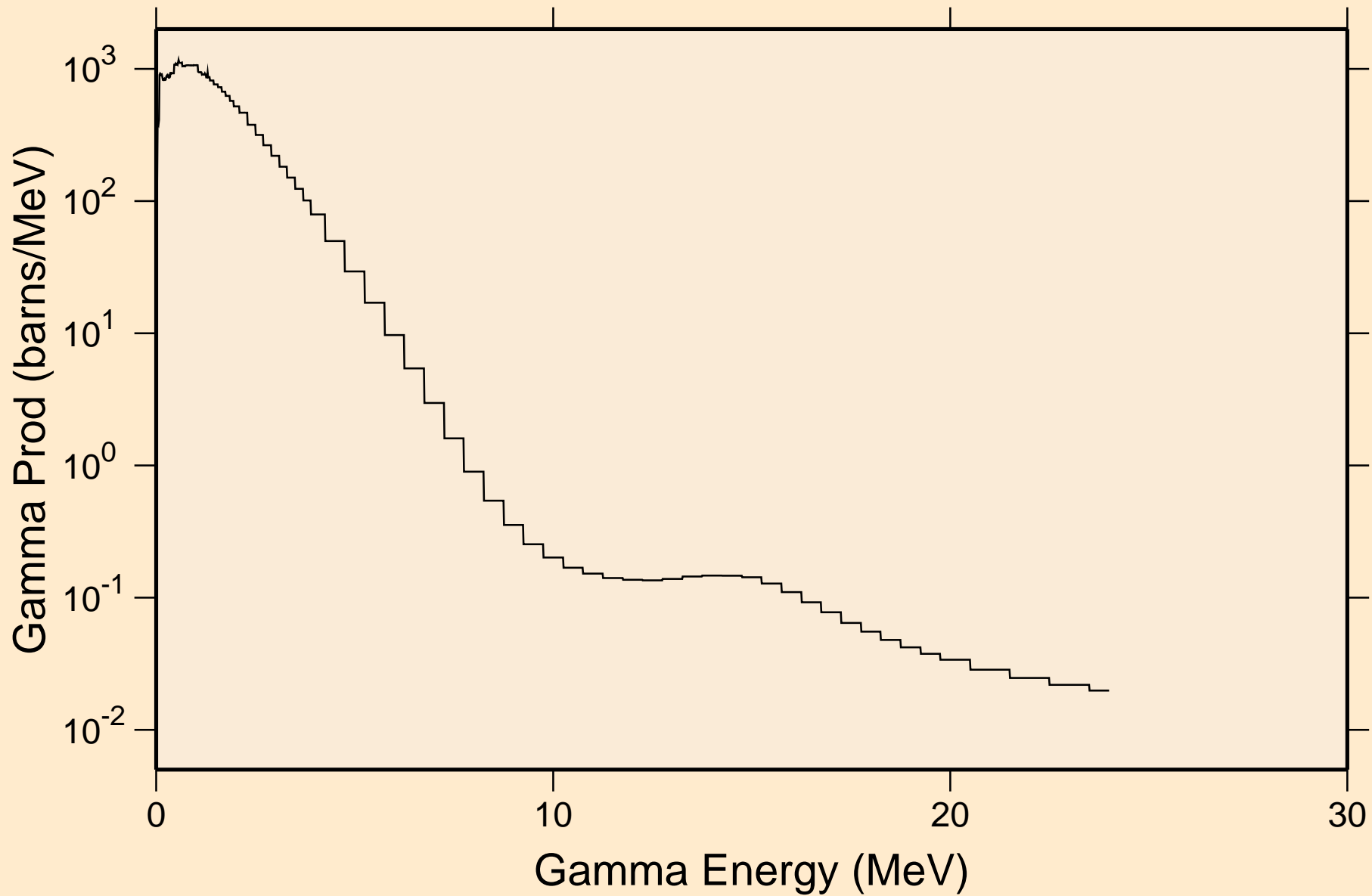




SB118 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

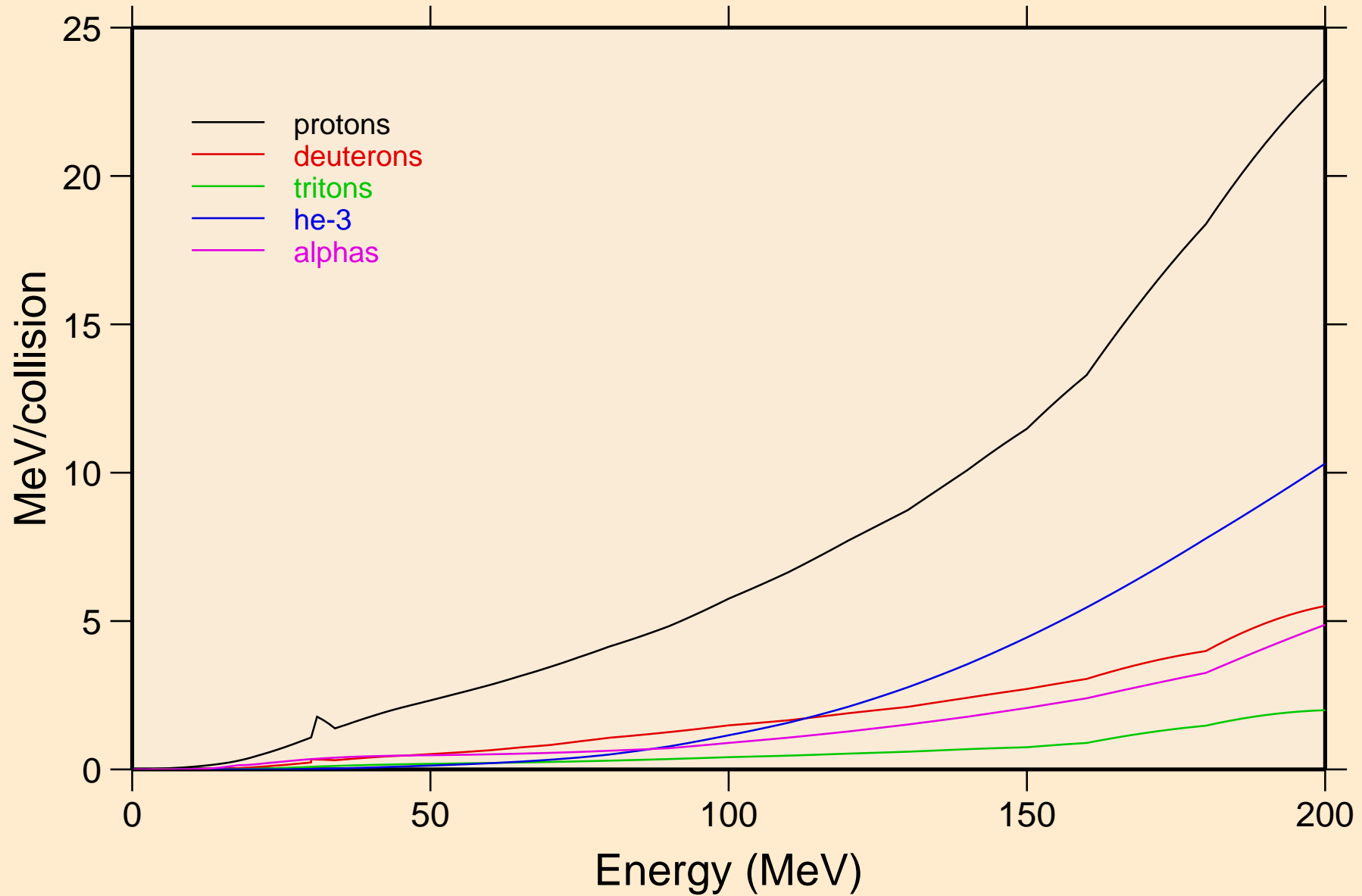


SB118 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



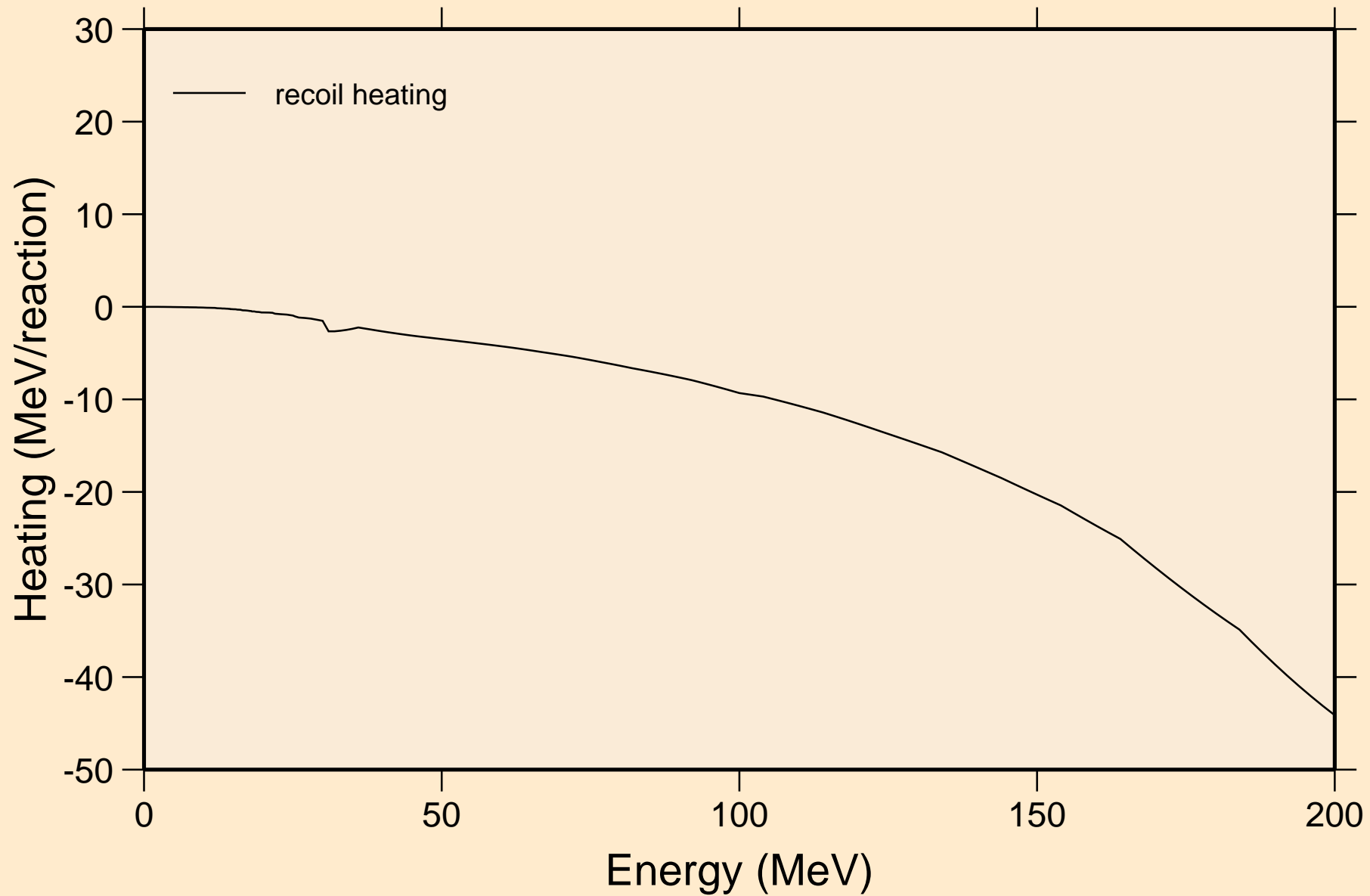
# SB118 NRG TENDL-2015, AKONING

## Particle heating contributions



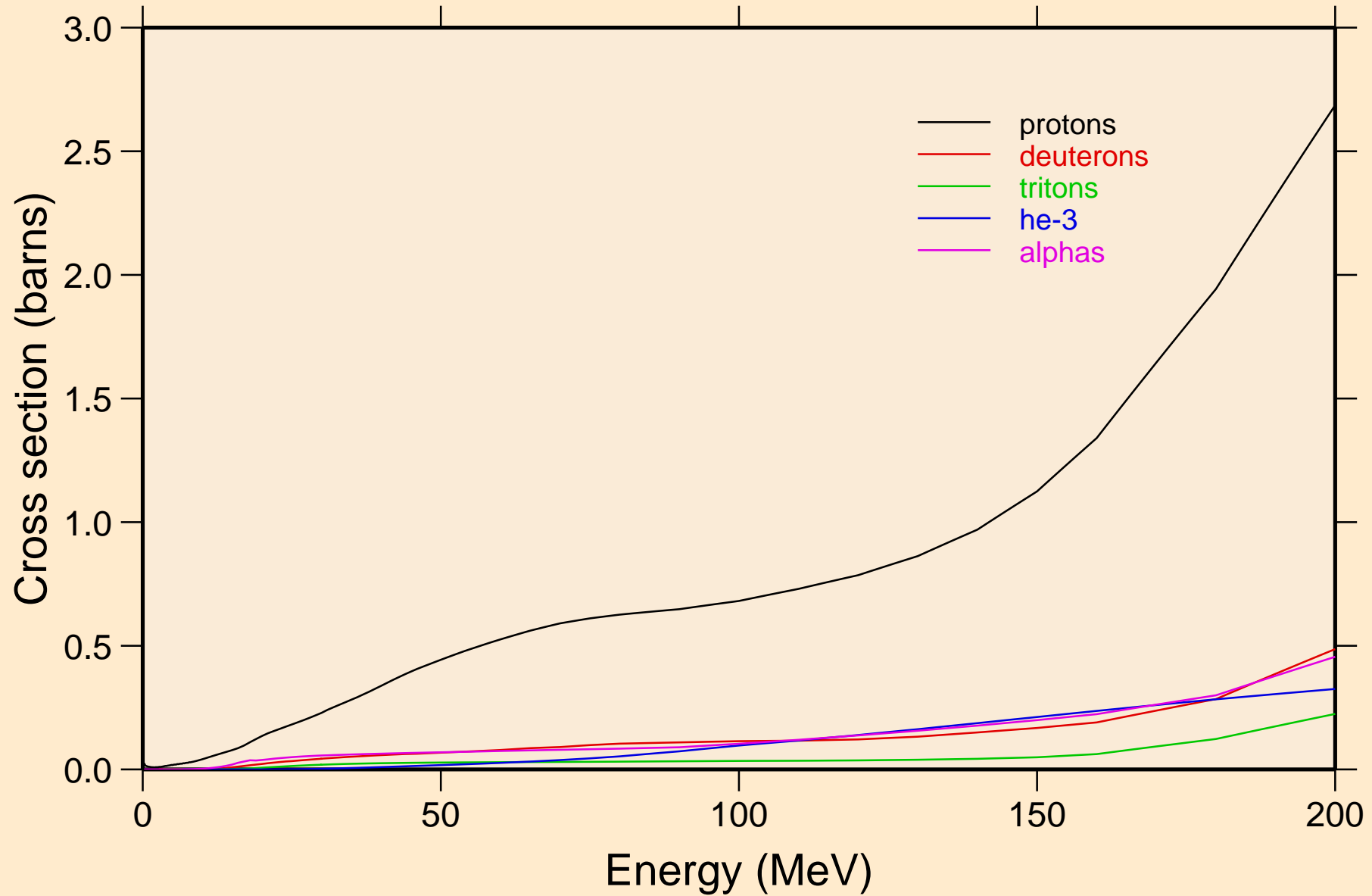
# SB118 NRG TENDL-2015, AKONING

## Recoil Heating

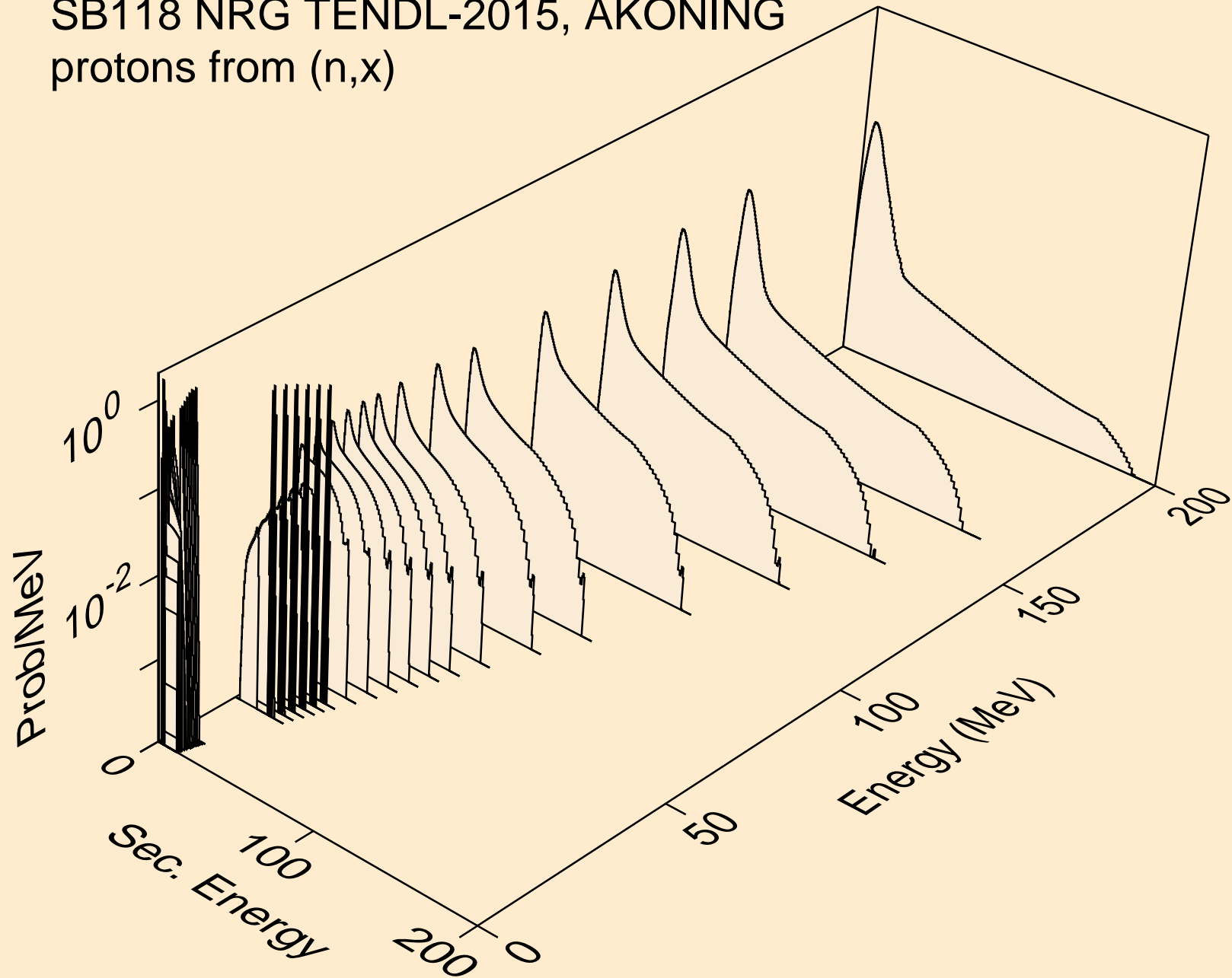


# SB118 NRG TENDL-2015, AKONING

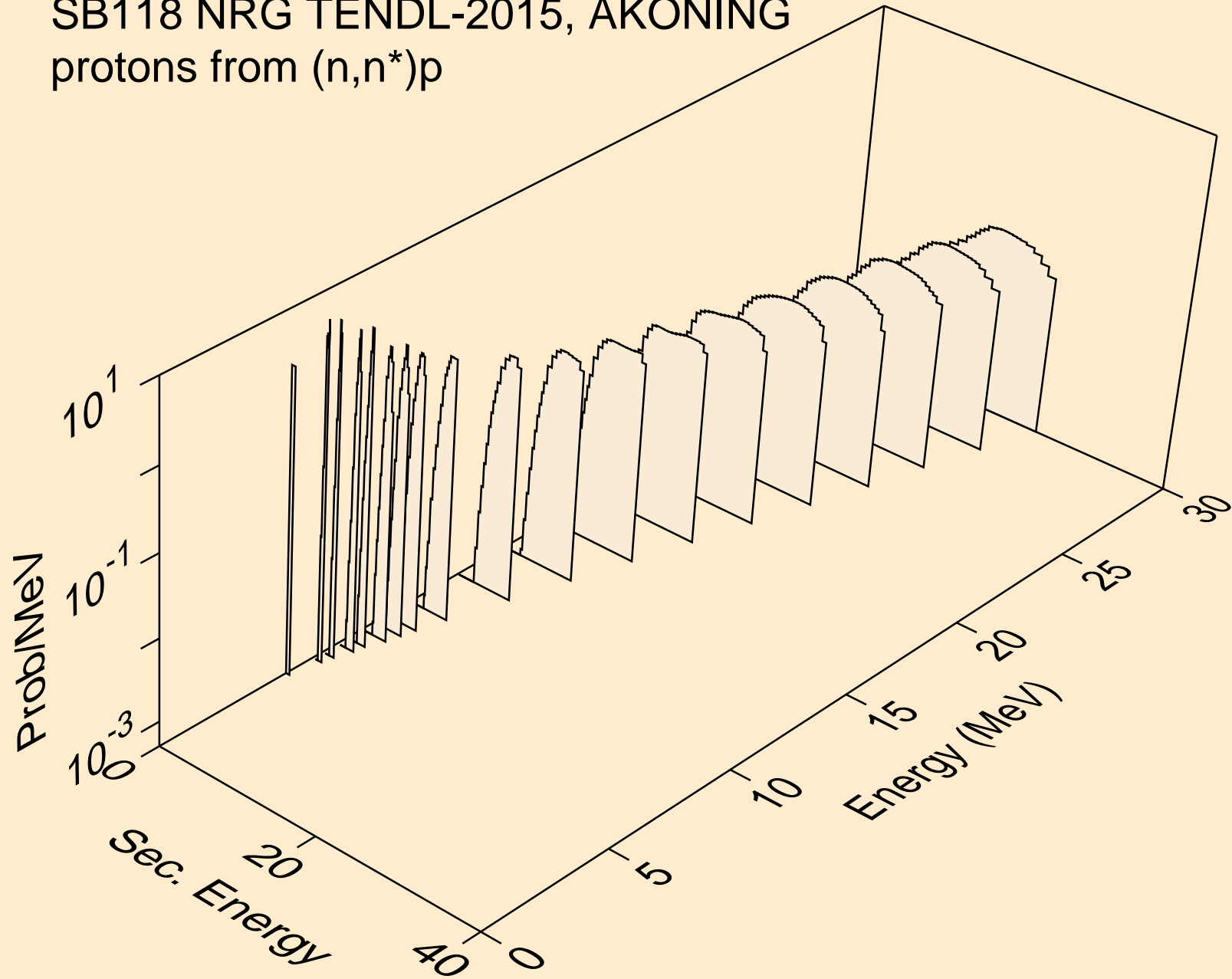
## Particle production cross sections



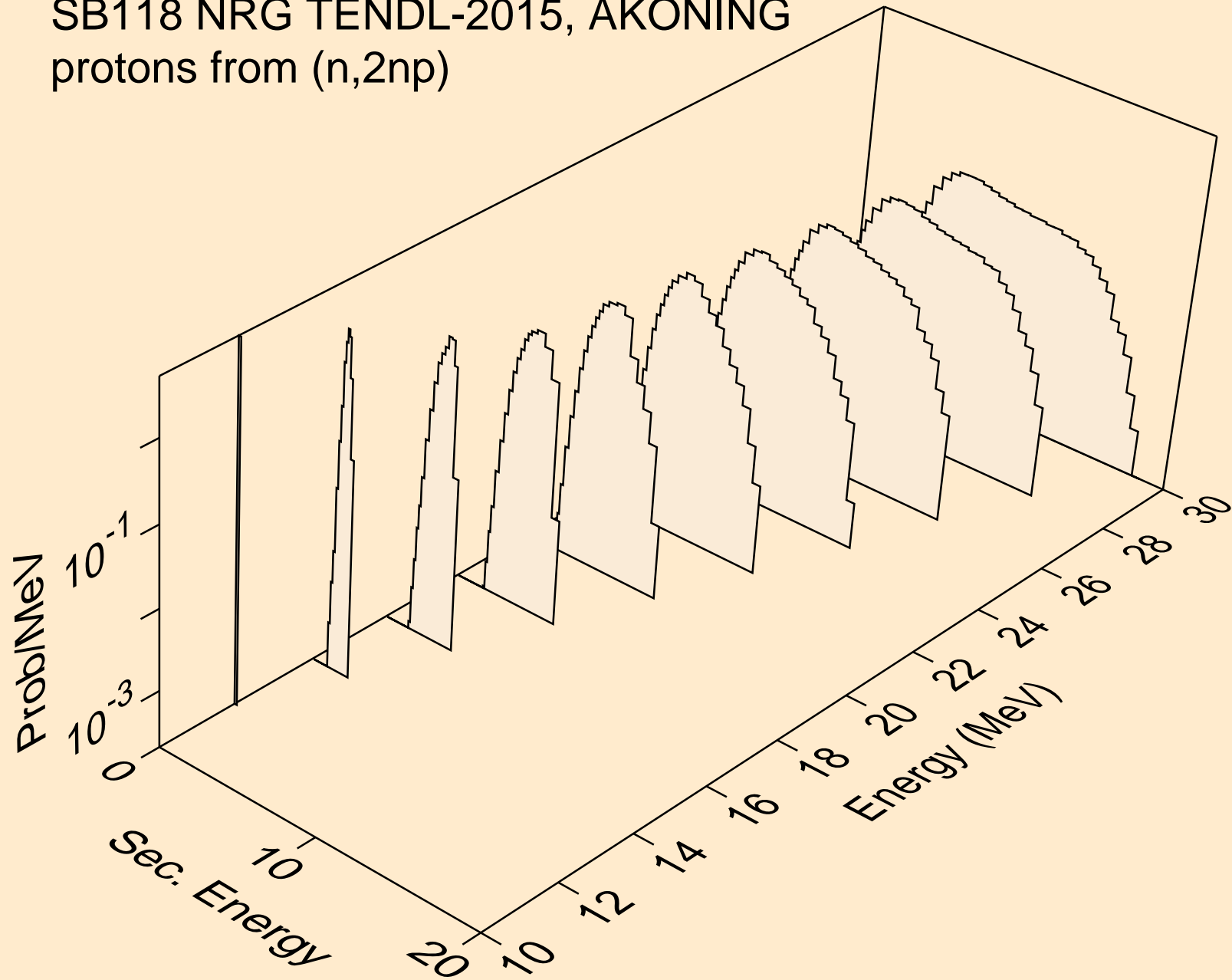
SB118 NRG TENDL-2015, AKONING  
protons from (n,x)



SB118 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

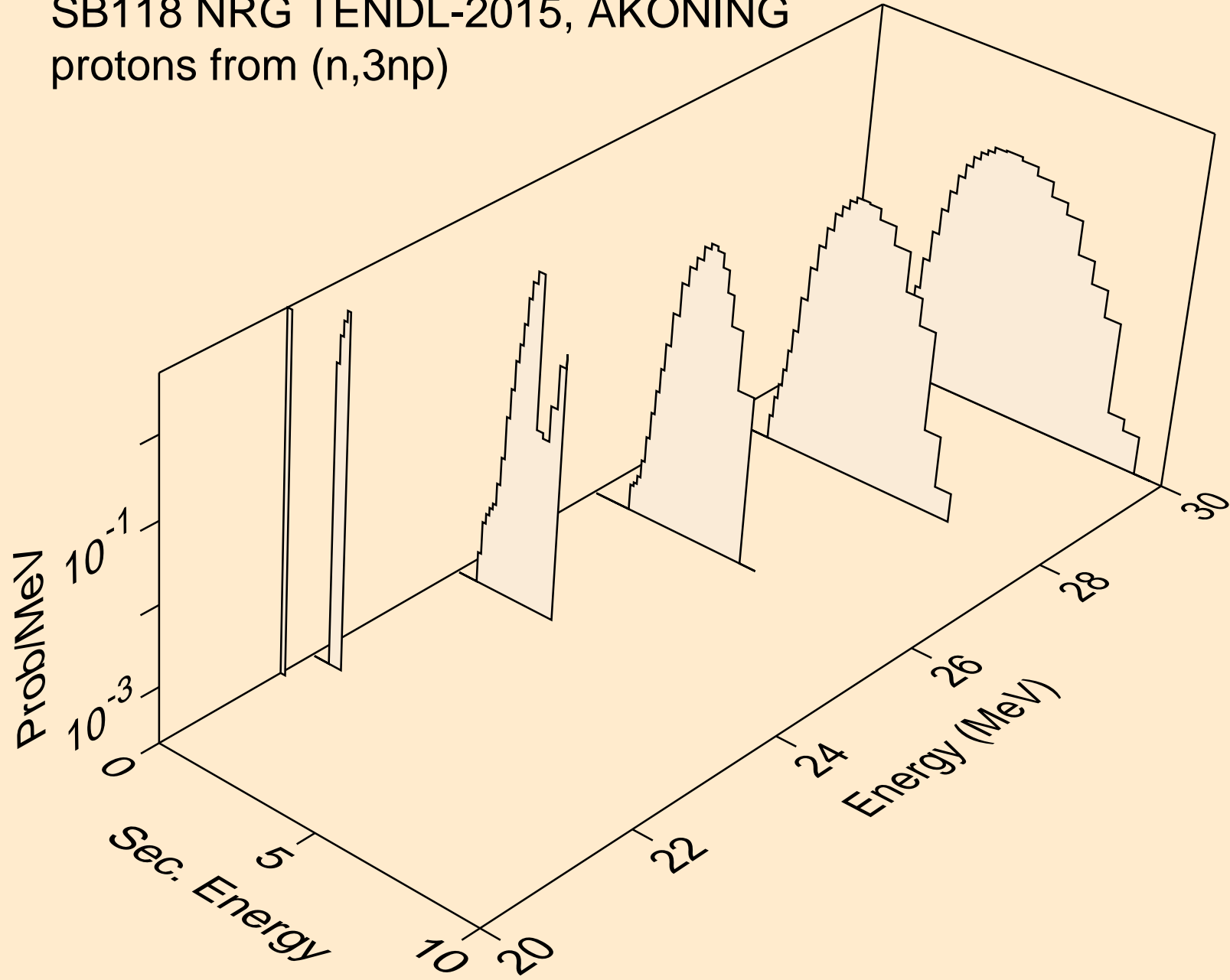


SB118 NRG TENDL-2015, AKONING  
protons from (n,2np)

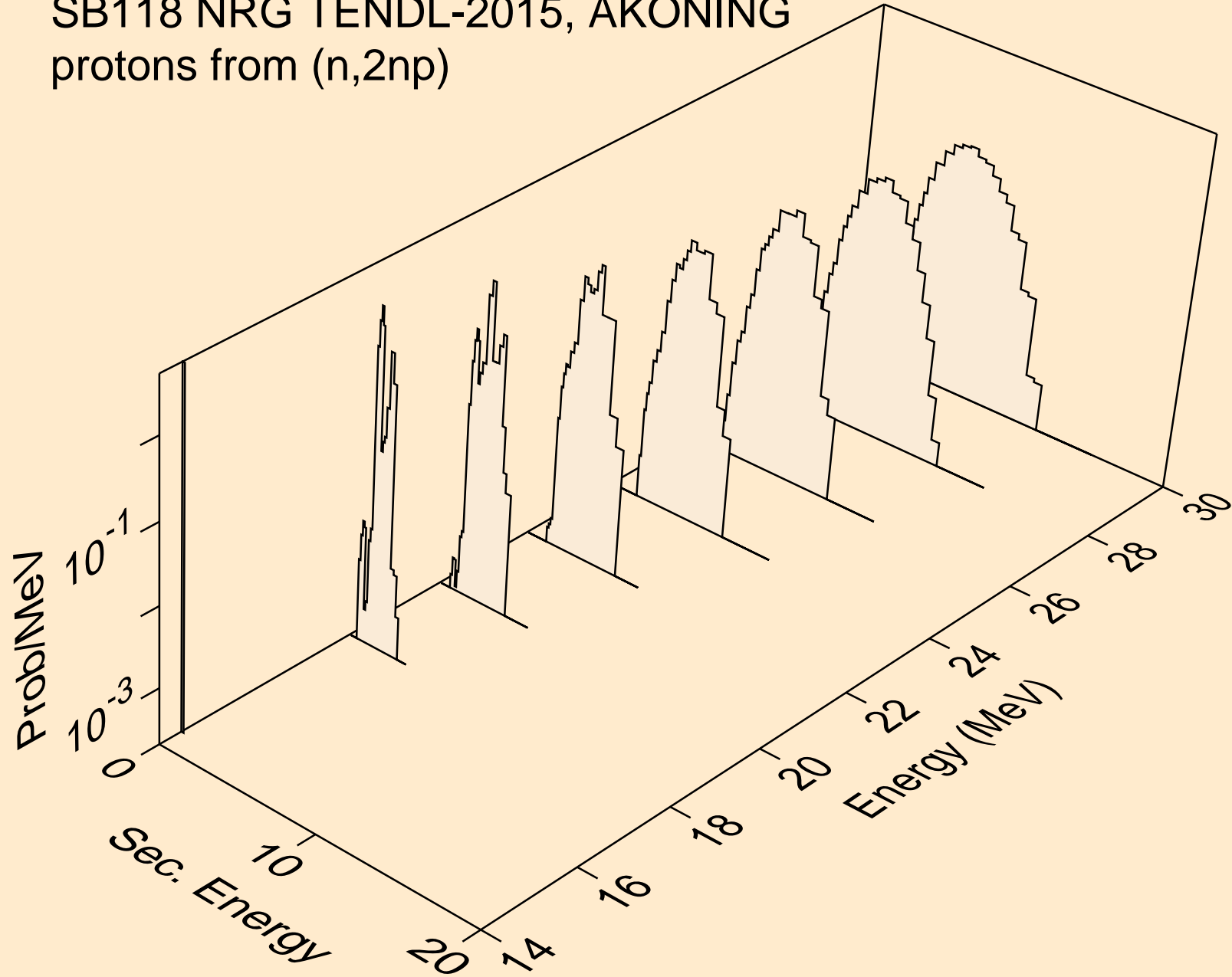




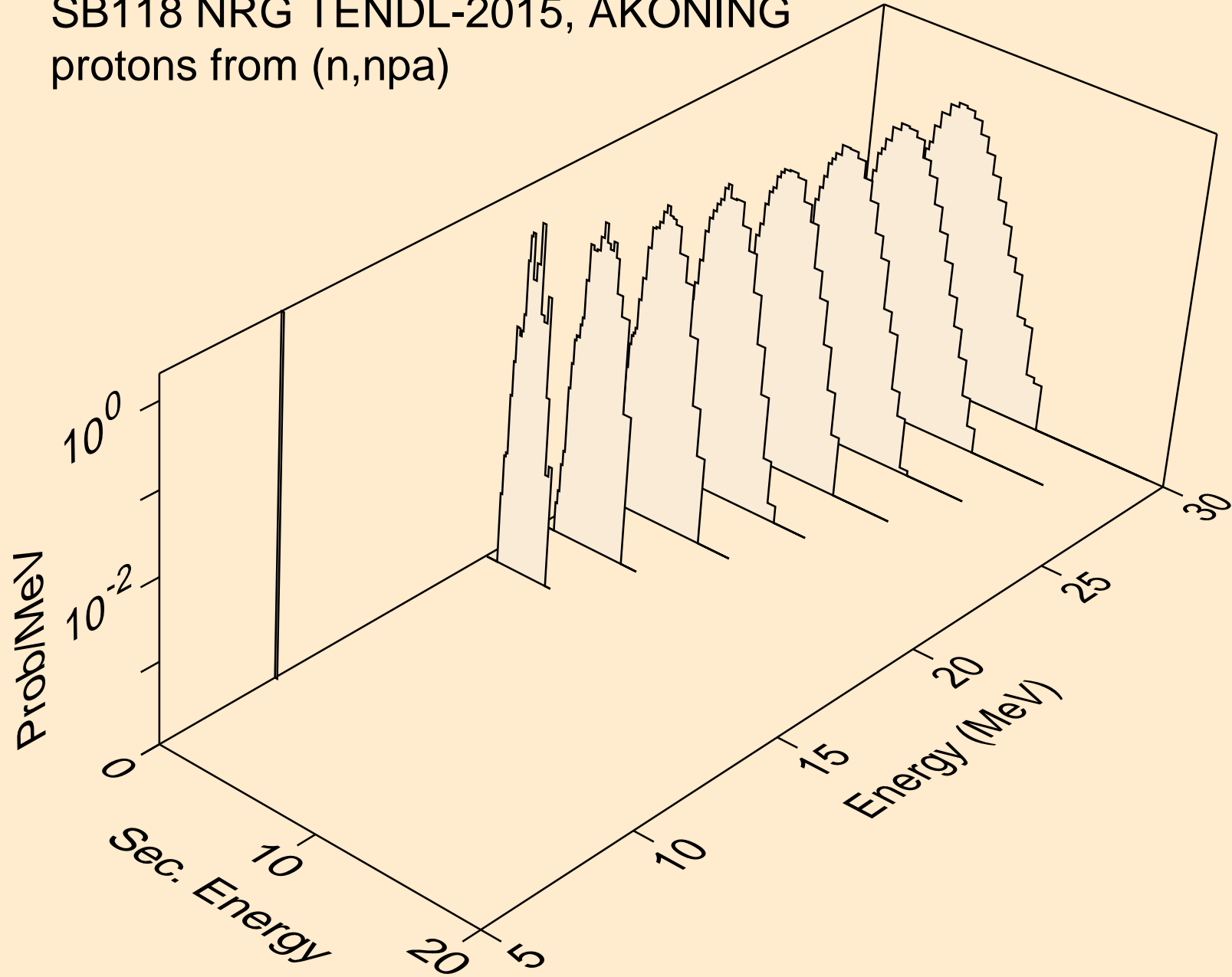
SB118 NRG TENDL-2015, AKONING  
protons from (n,3np)



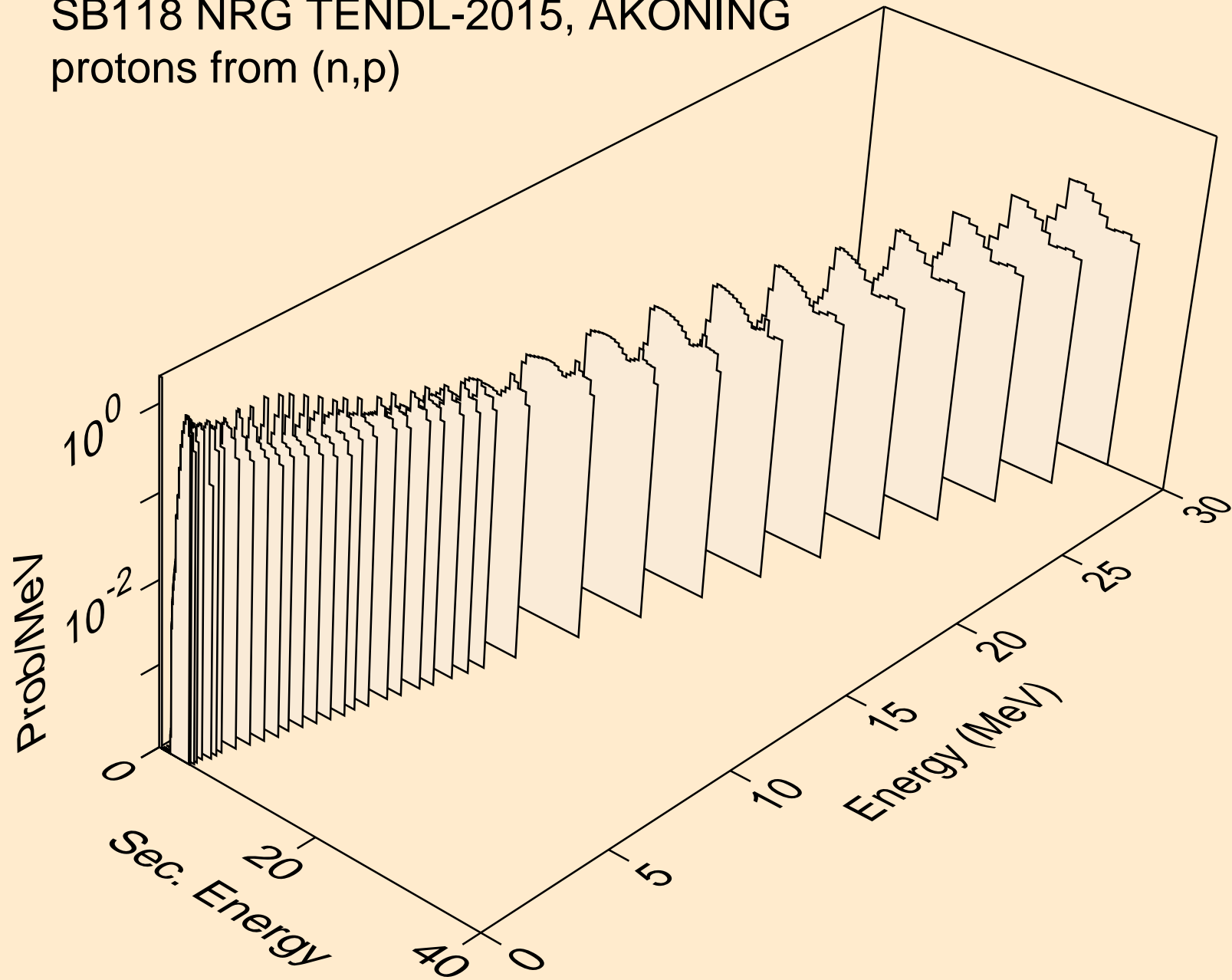
SB118 NRG TENDL-2015, AKONING  
protons from (n,2np)



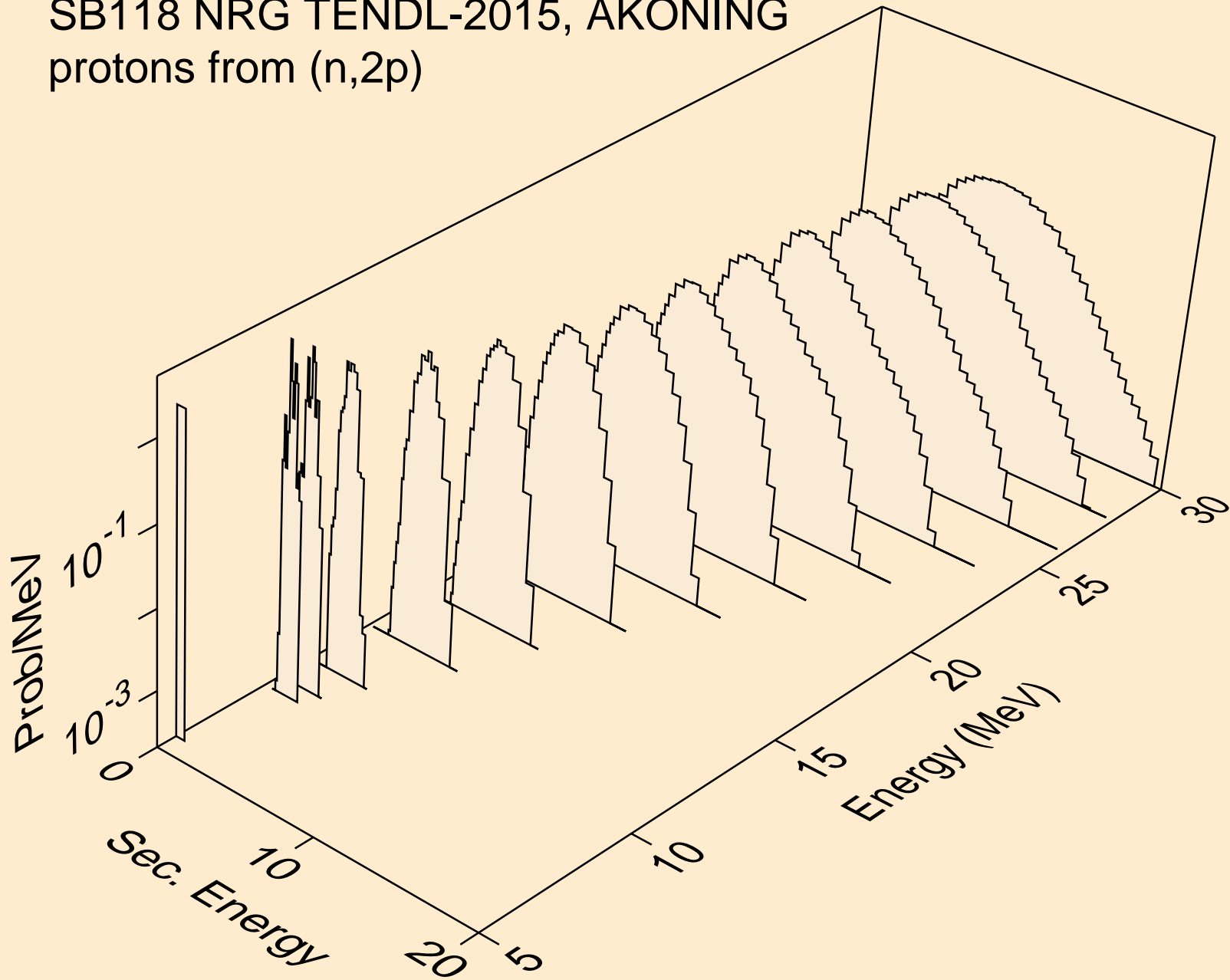
SB118 NRG TENDL-2015, AKONING  
protons from (n,npa)



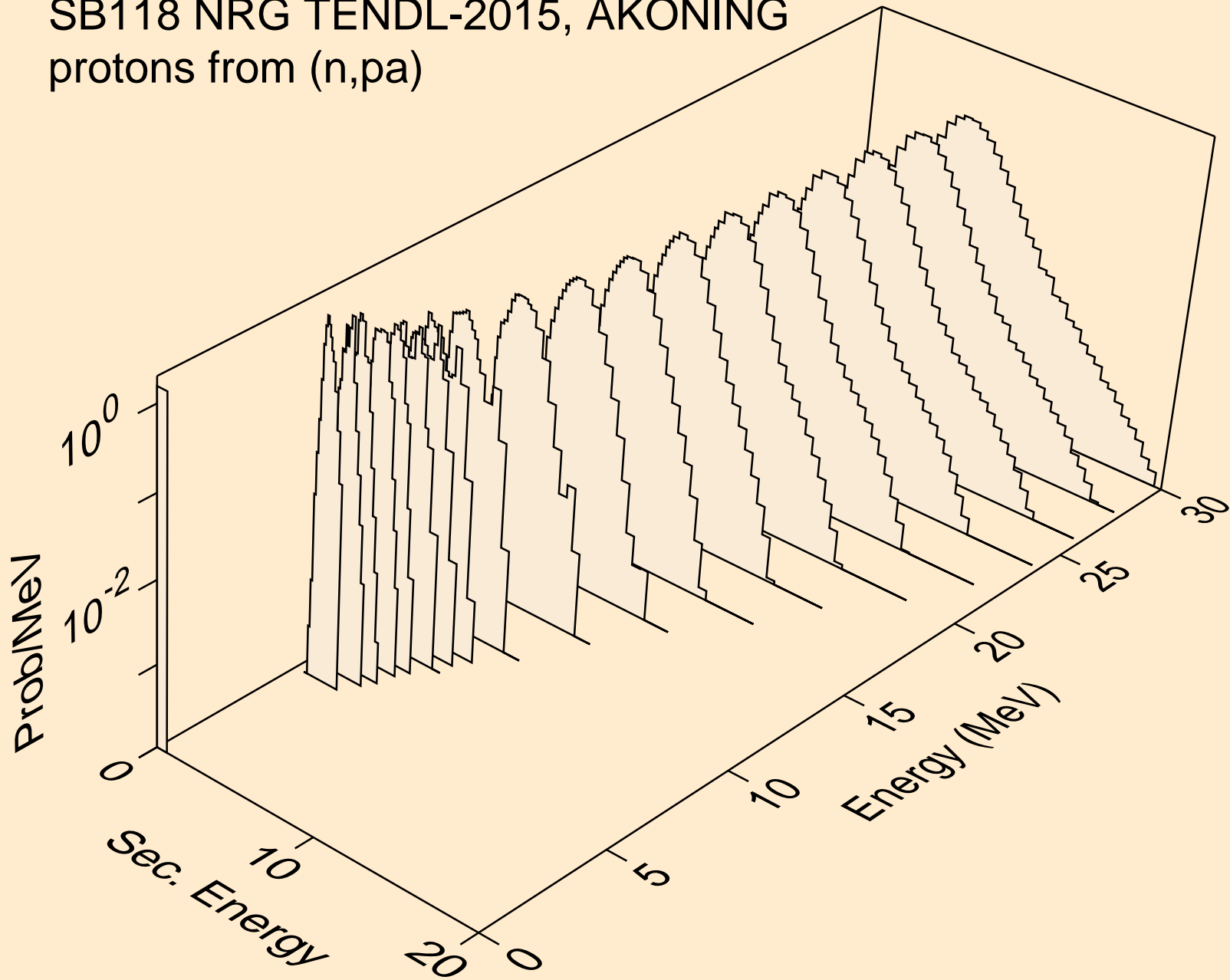
SB118 NRG TENDL-2015, AKONING  
protons from (n,p)



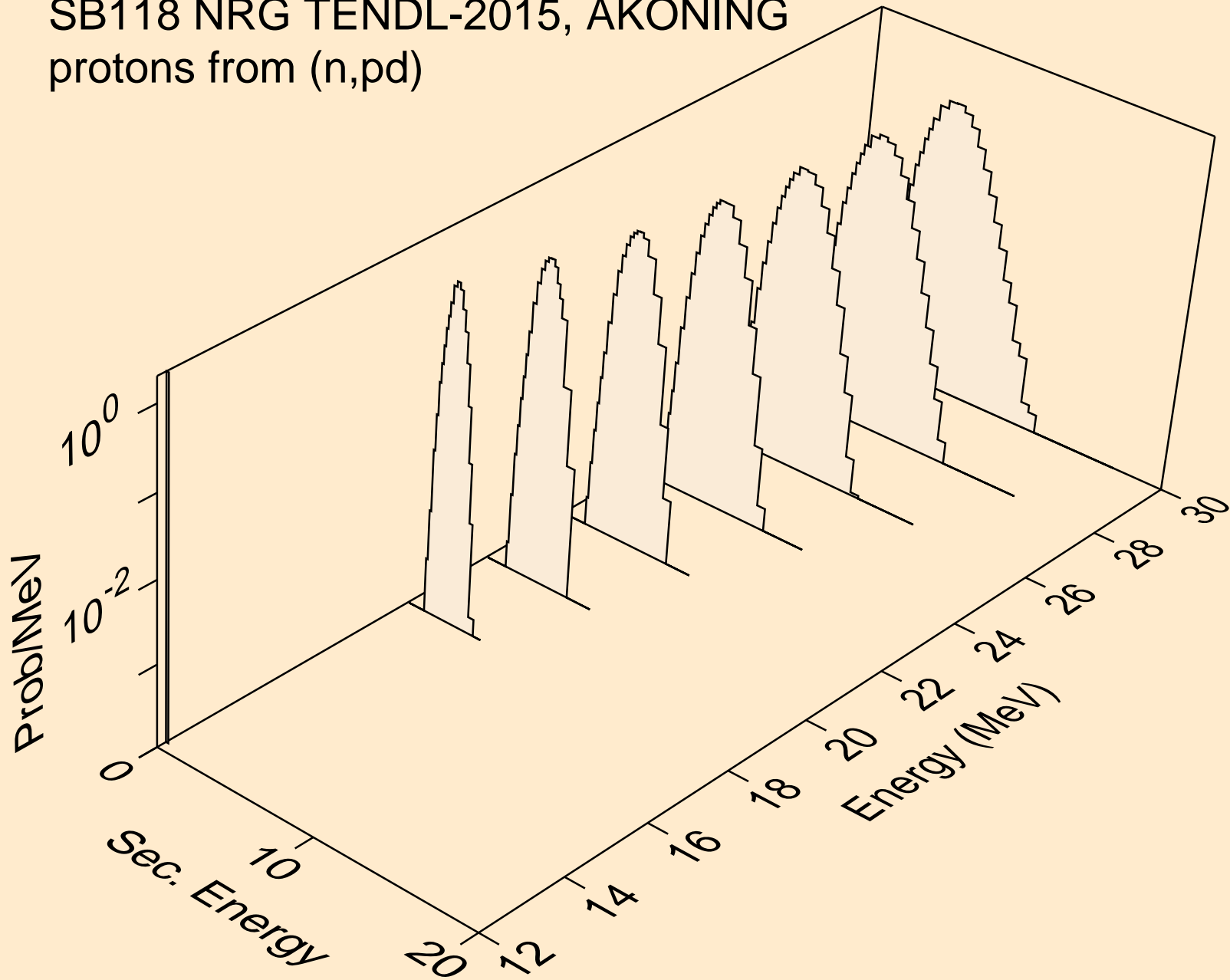
SB118 NRG TENDL-2015, AKONING  
protons from (n,2p)



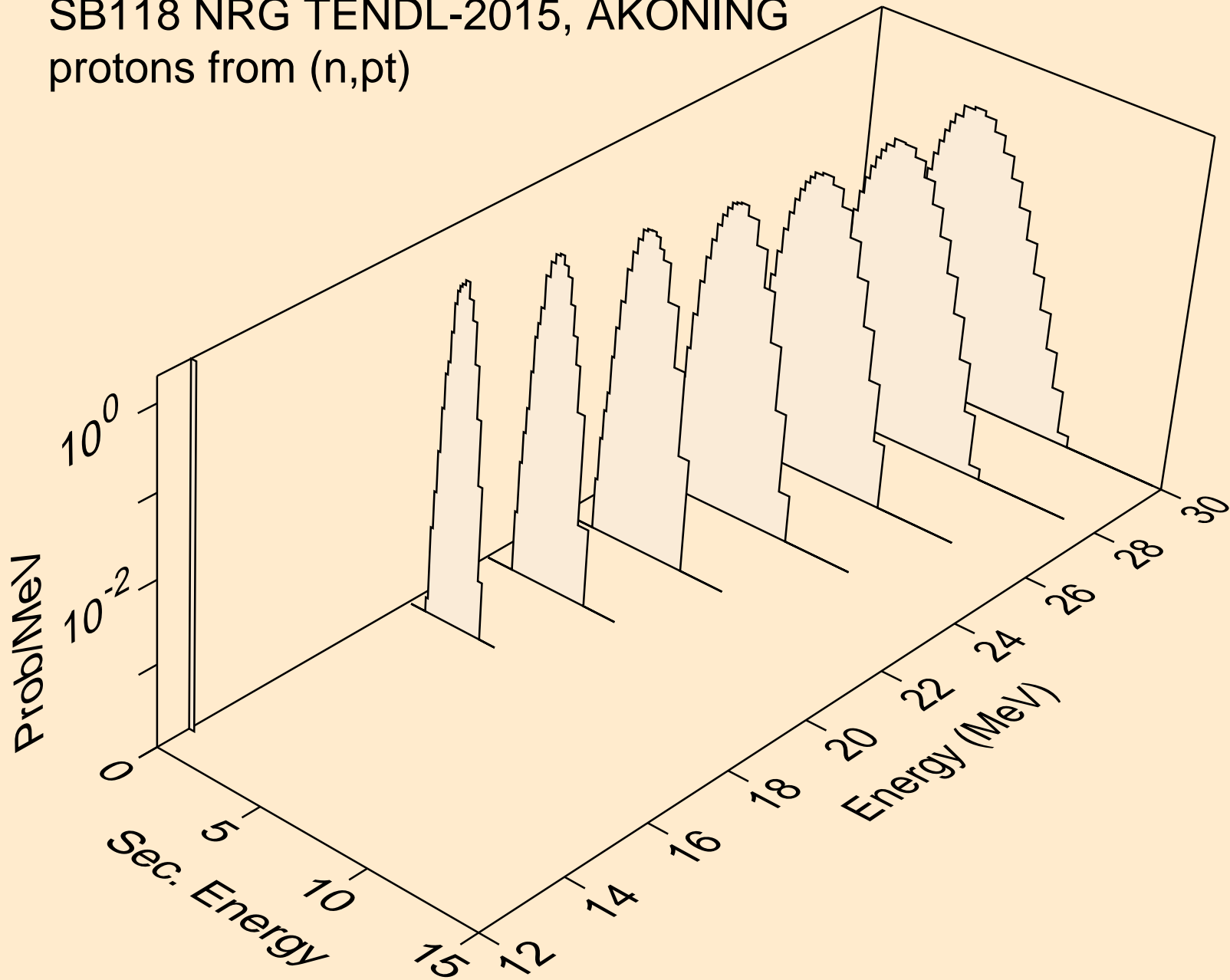
SB118 NRG TENDL-2015, AKONING  
protons from (n,pa)



SB118 NRG TENDL-2015, AKONING  
protons from (n,pd)

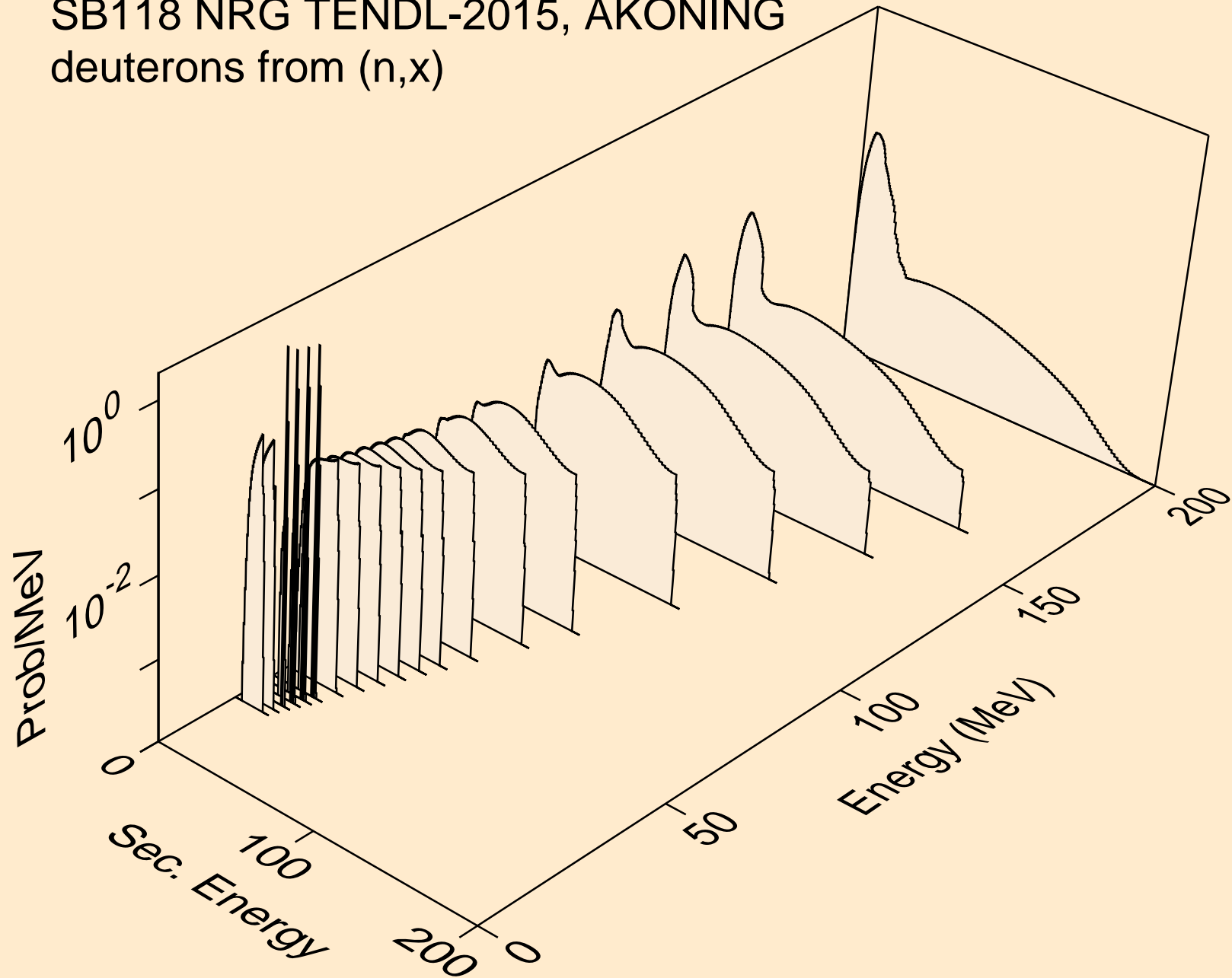


SB118 NRG TENDL-2015, AKONING  
protons from (n,pt)

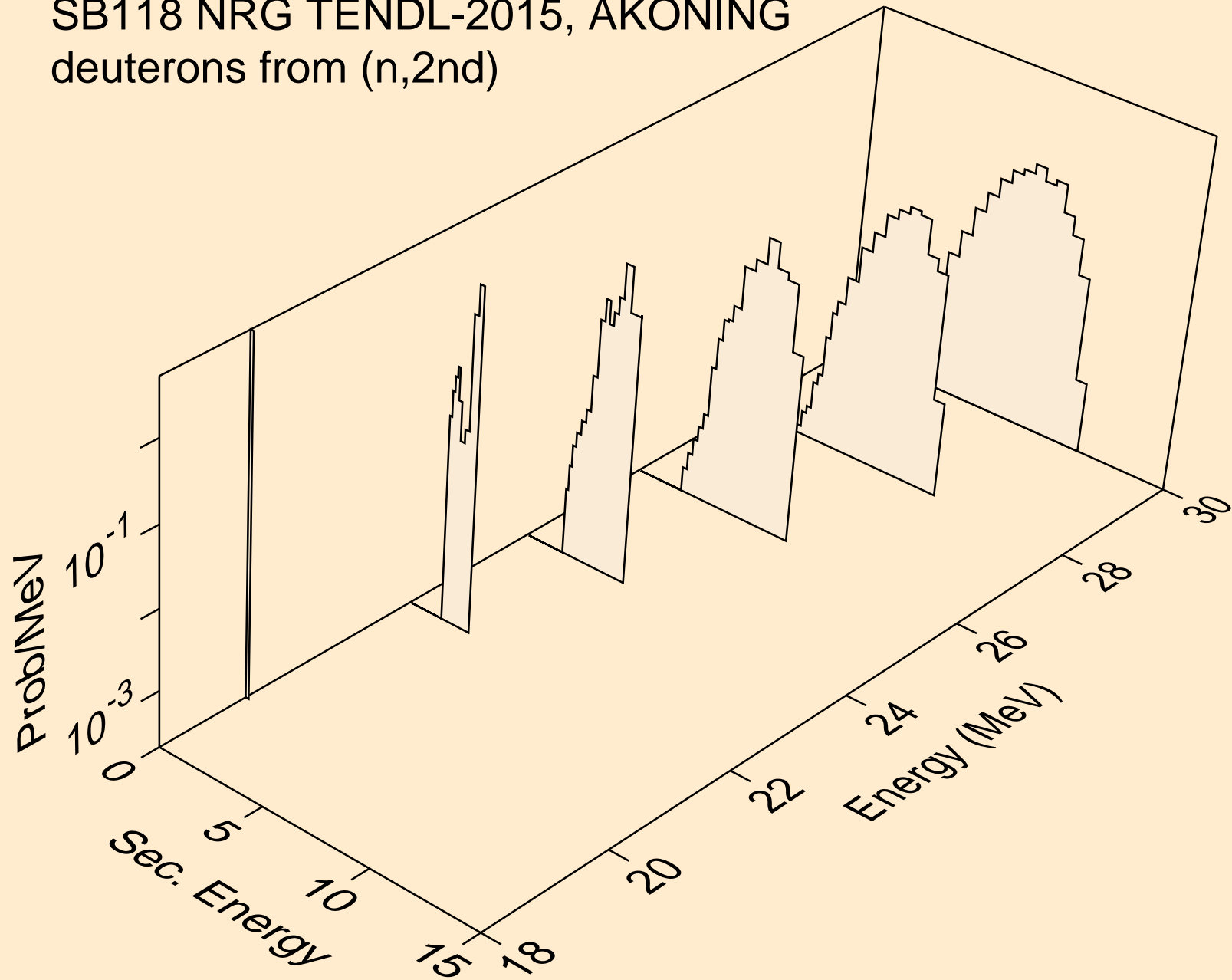




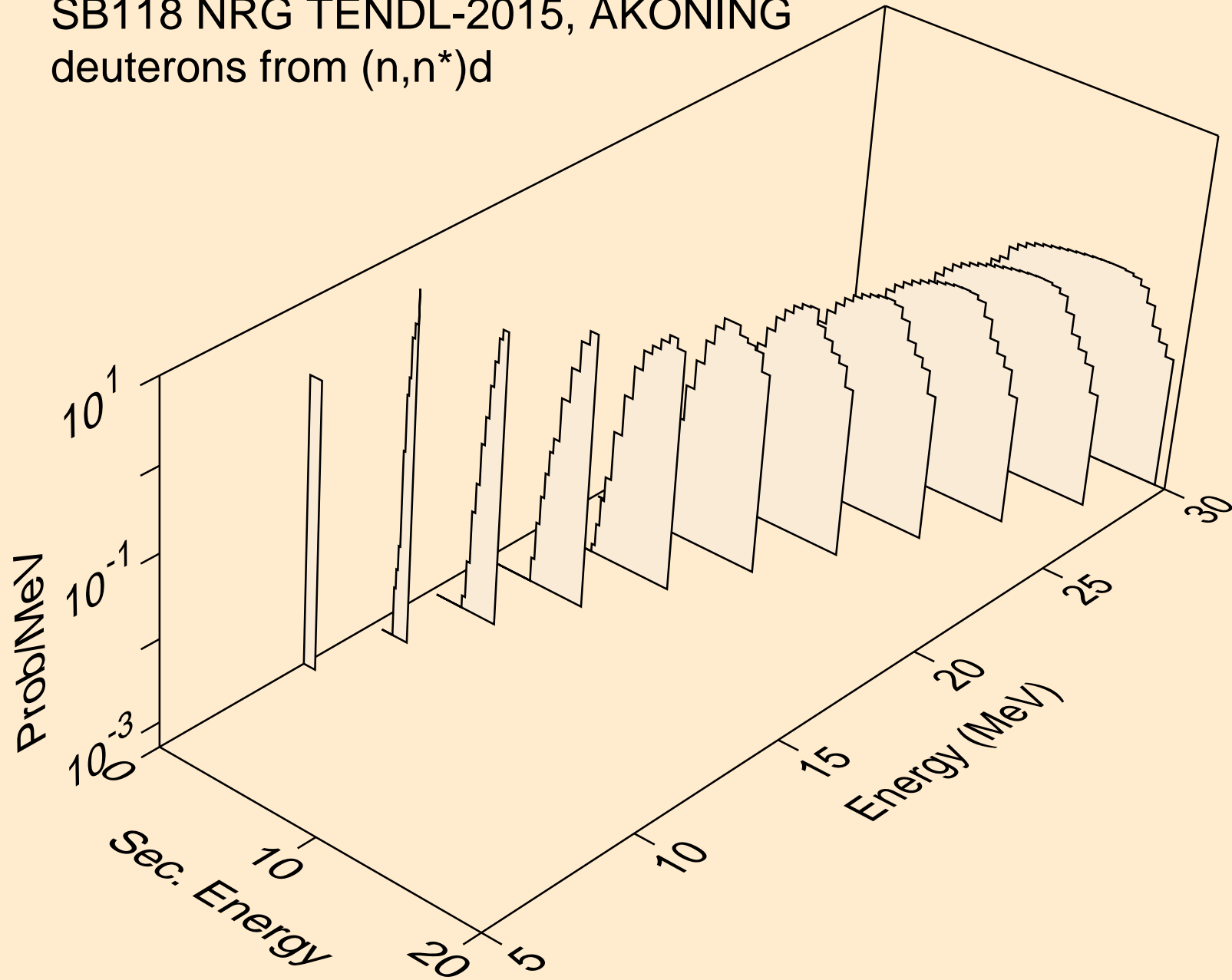
SB118 NRG TENDL-2015, AKONING  
deuterons from (n,x)



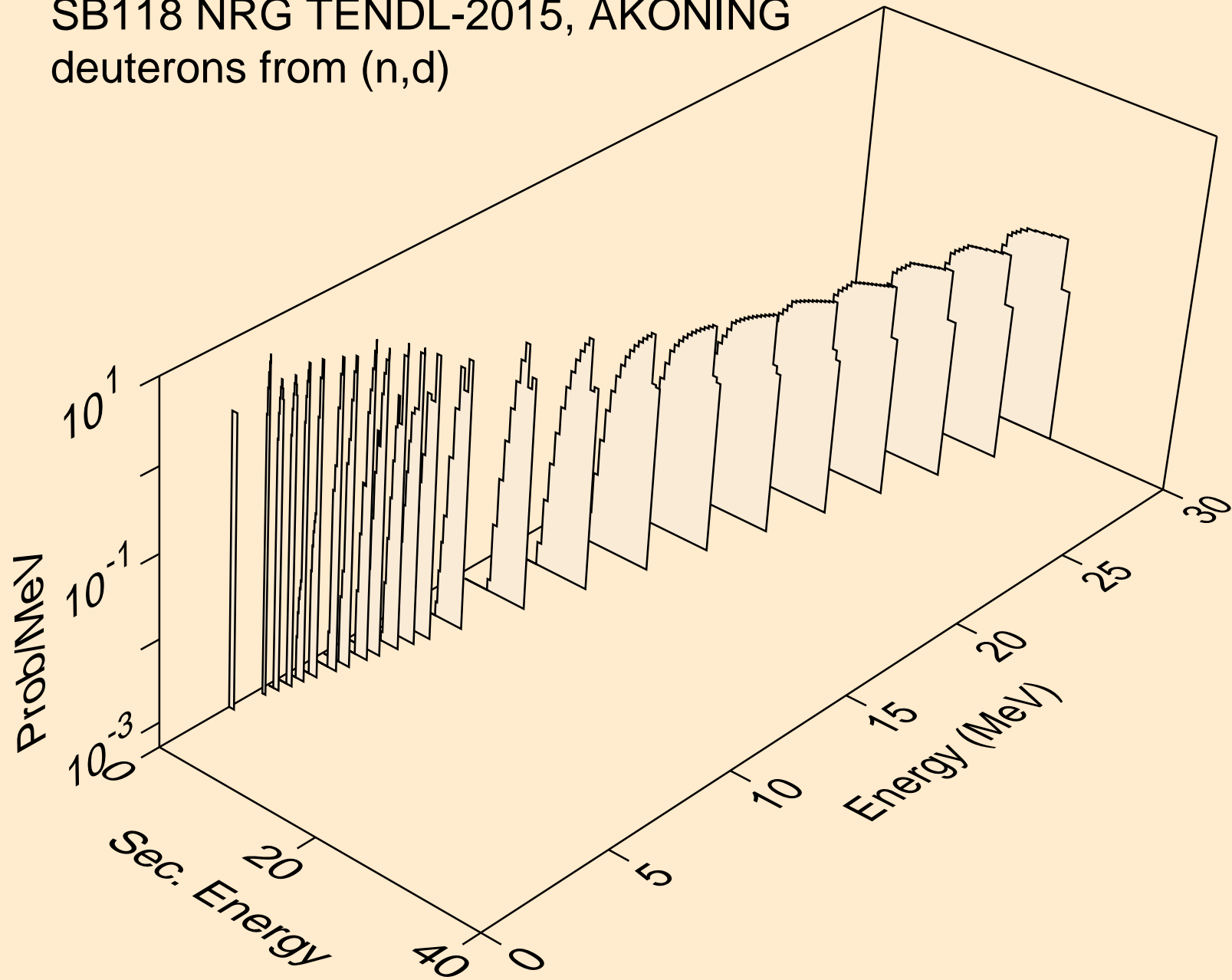
SB118 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



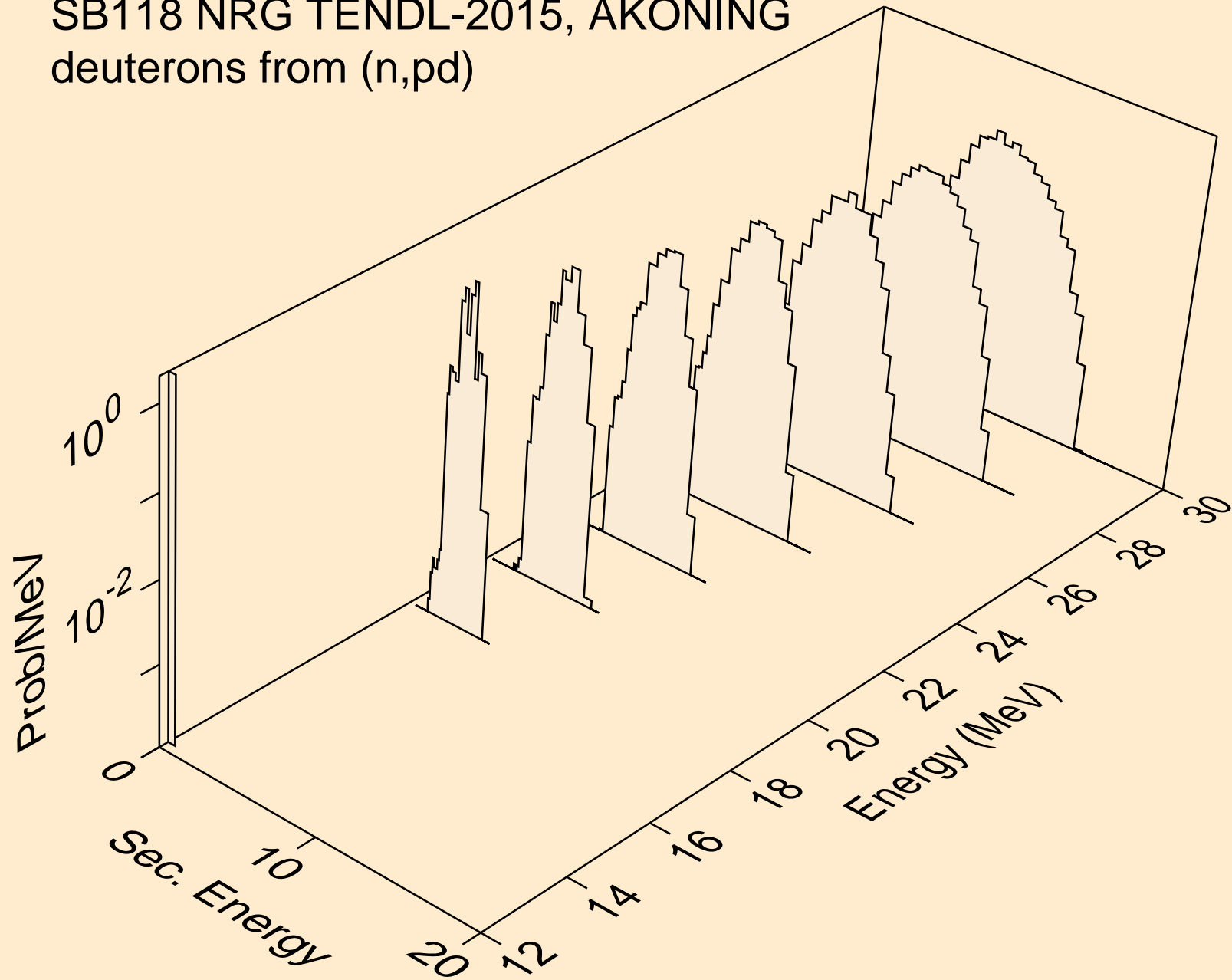
SB118 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



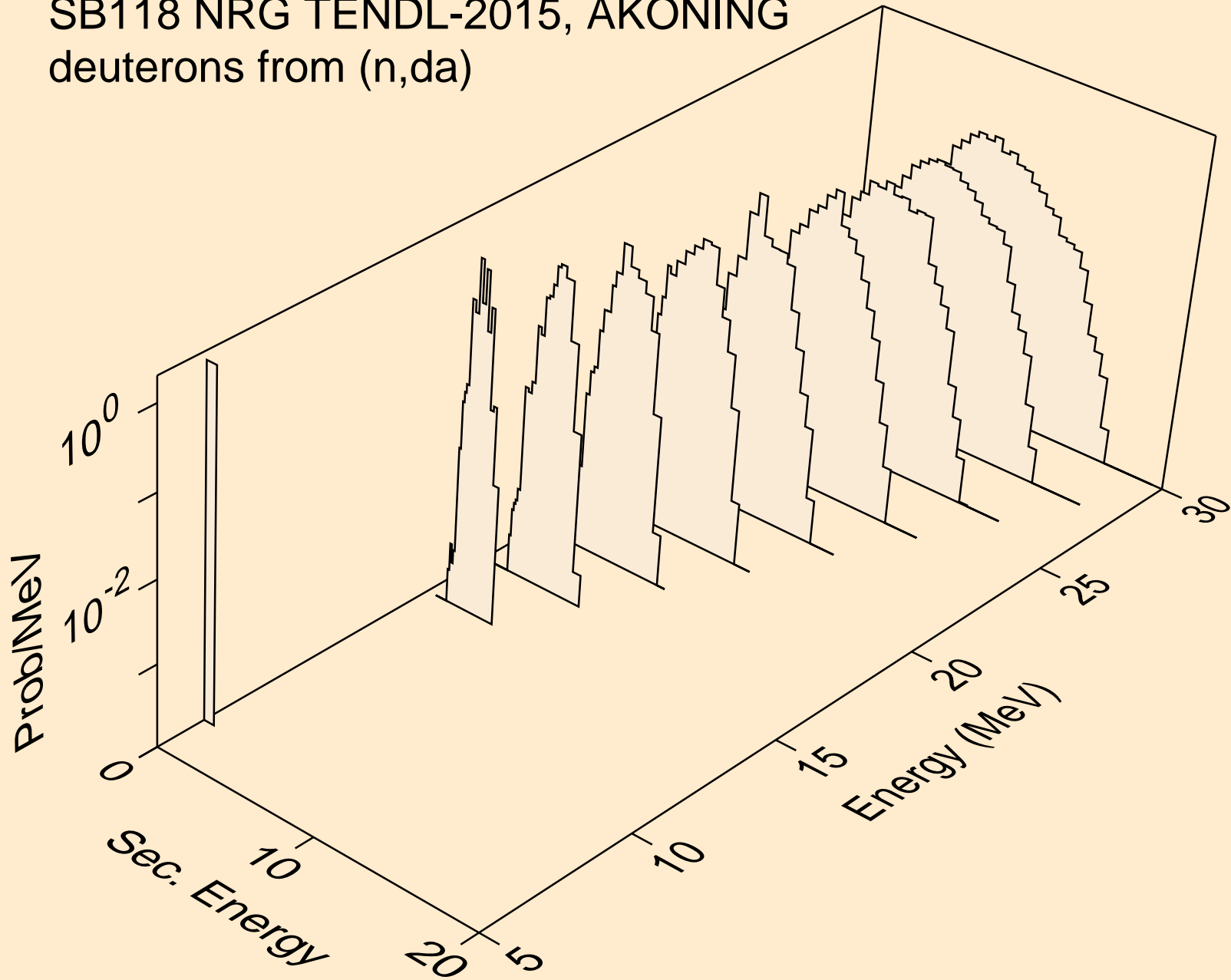
SB118 NRG TENDL-2015, AKONING  
deuterons from (n,d)



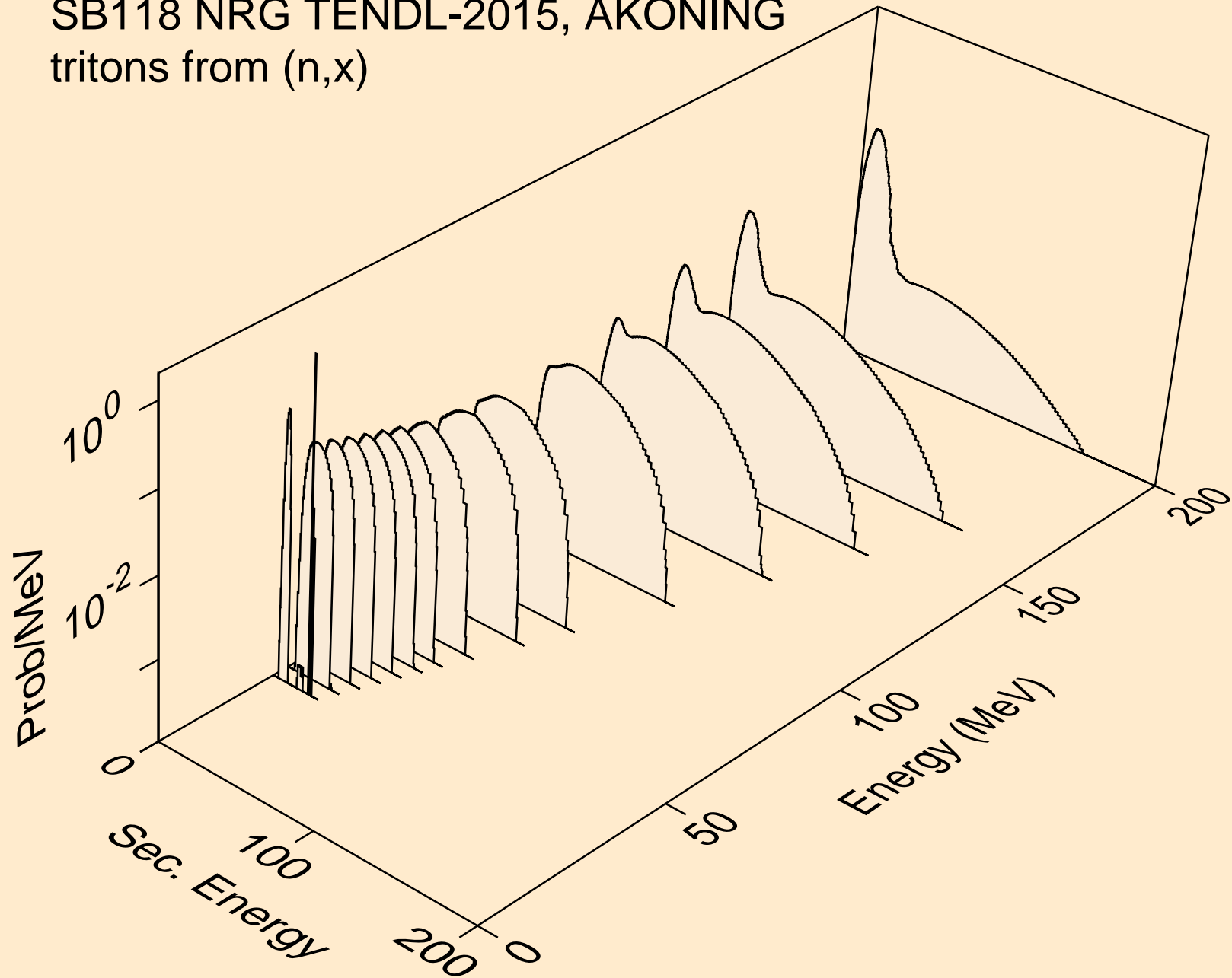
SB118 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



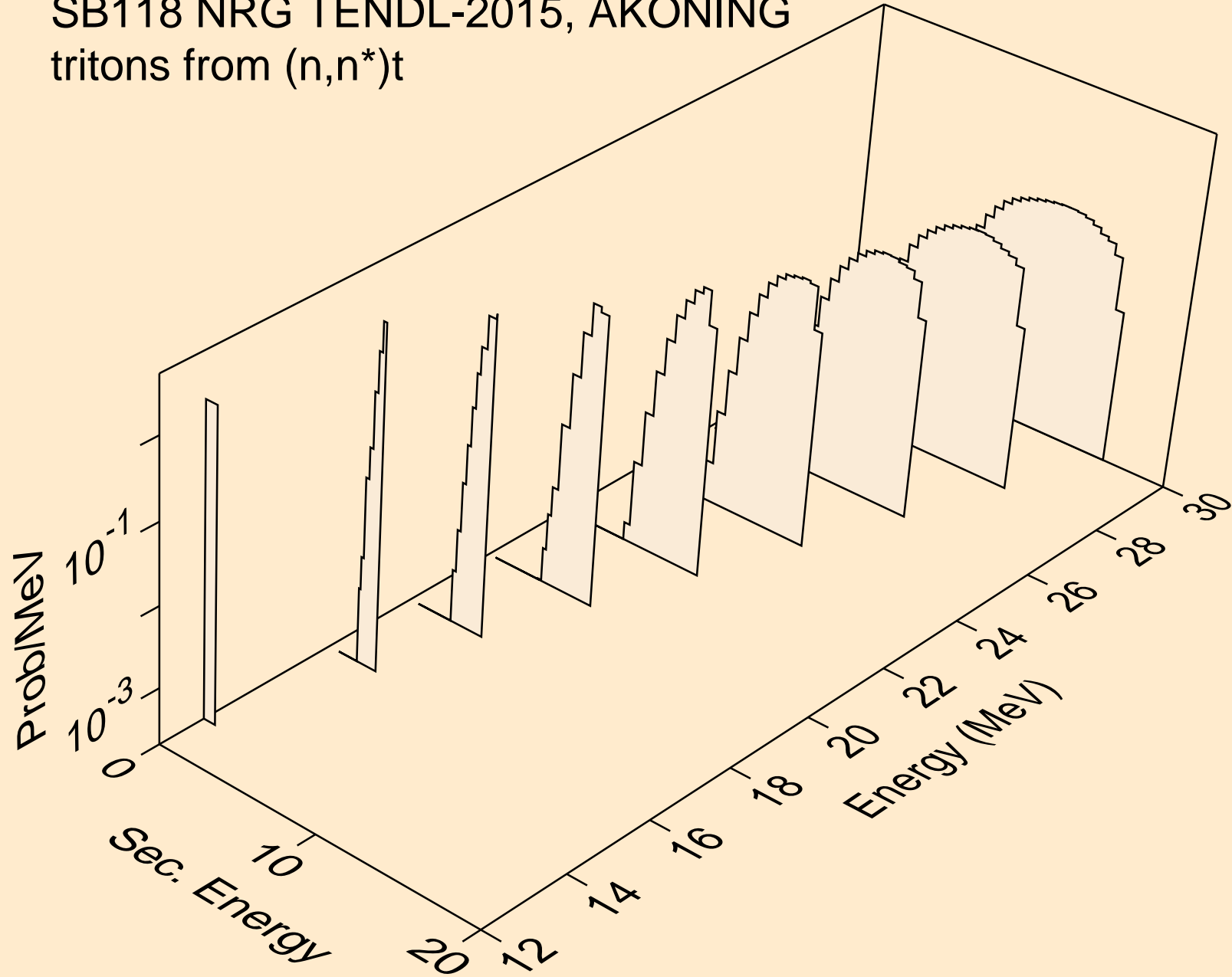
SB118 NRG TENDL-2015, AKONING  
deuterons from (n,da)



SB118 NRG TENDL-2015, AKONING  
tritons from (n,x)

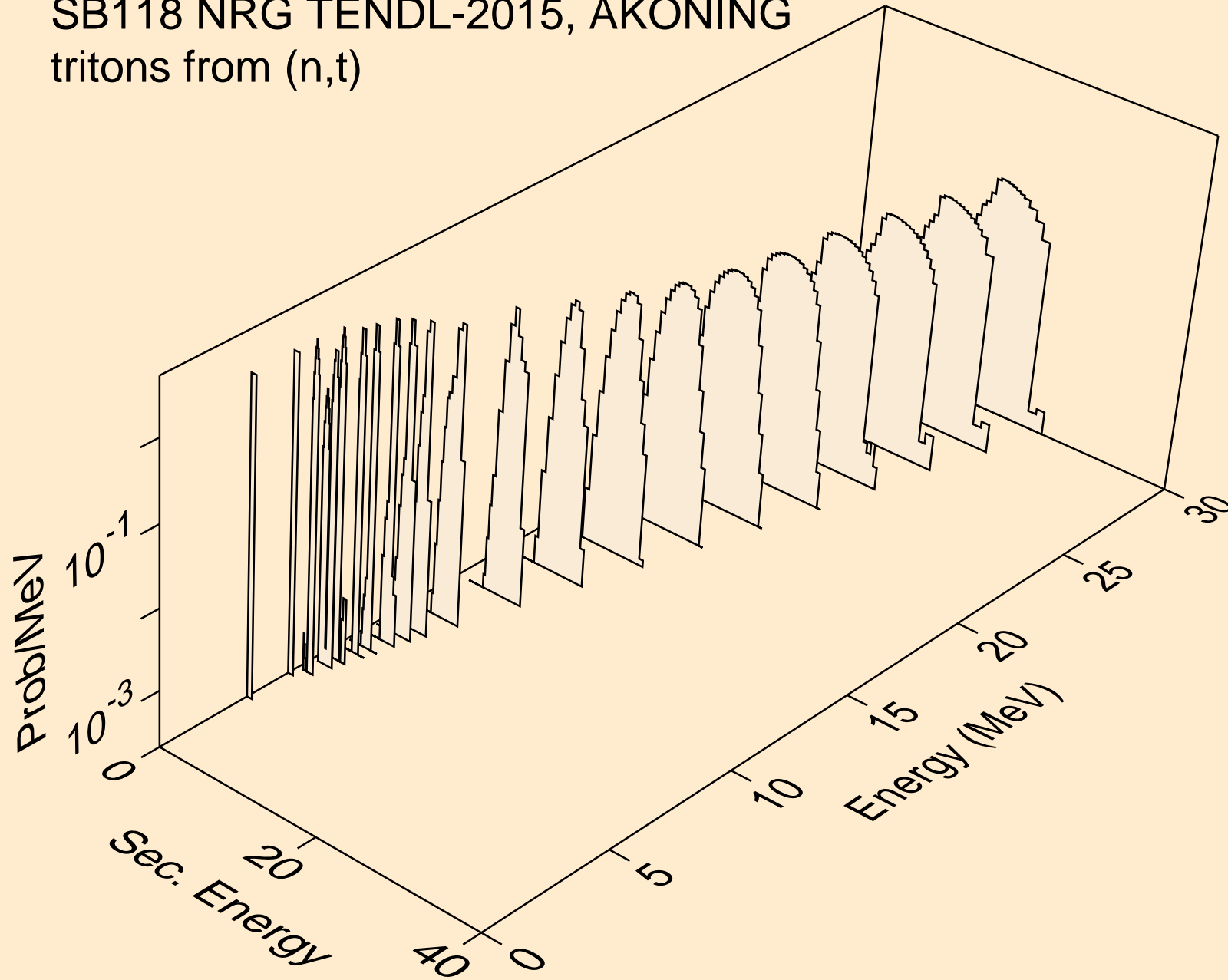


SB118 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

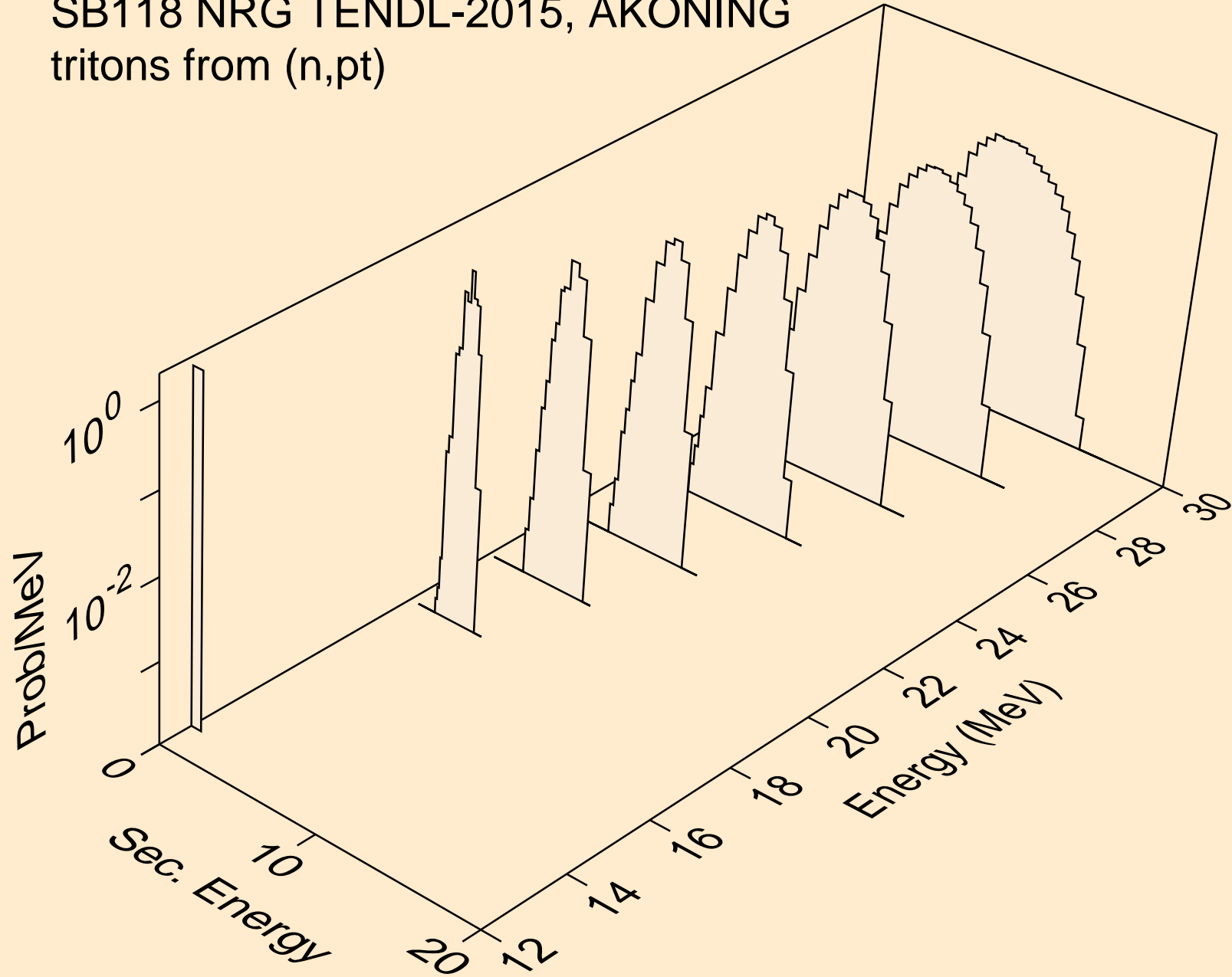




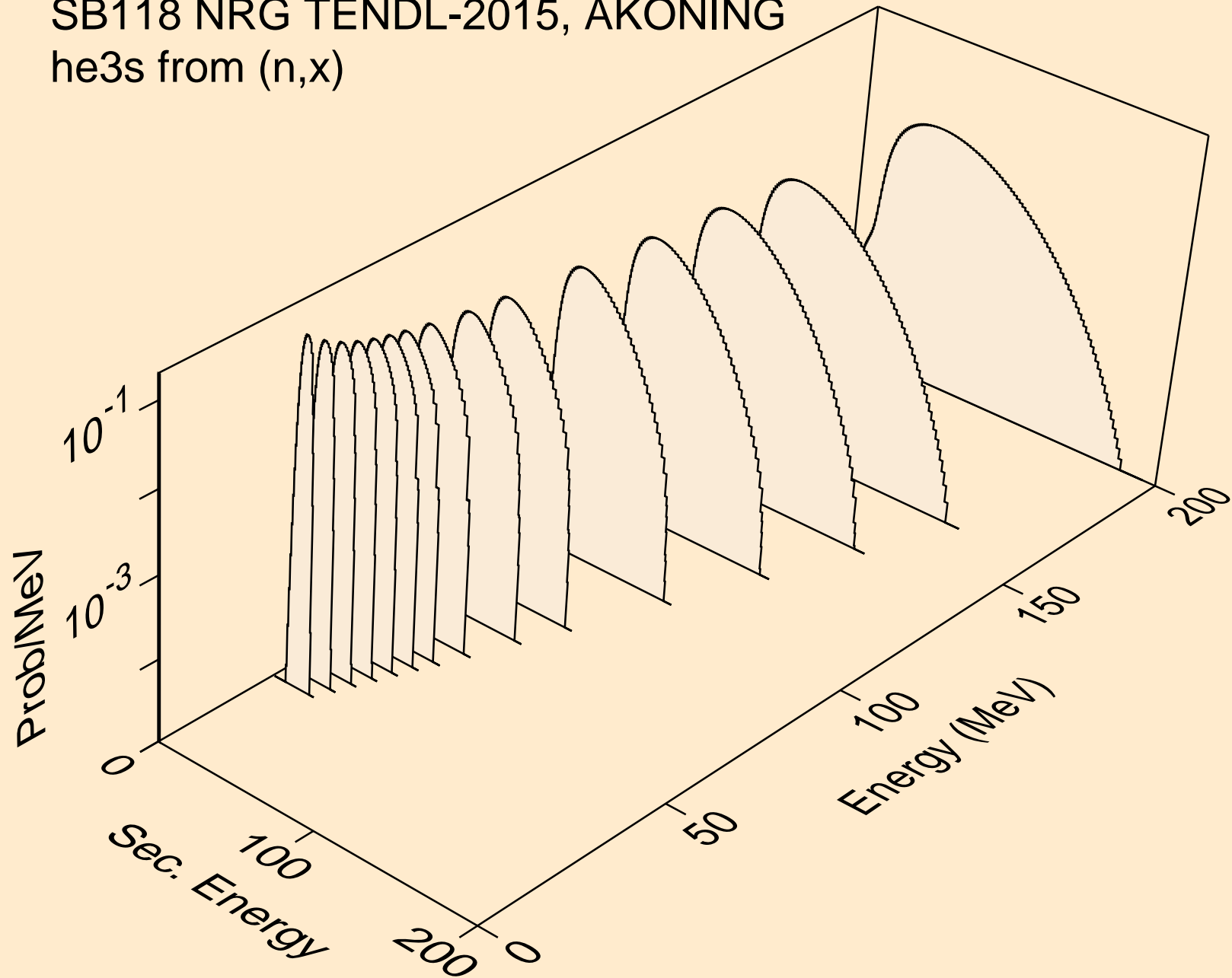
SB118 NRG TENDL-2015, AKONING  
tritons from (n,t)



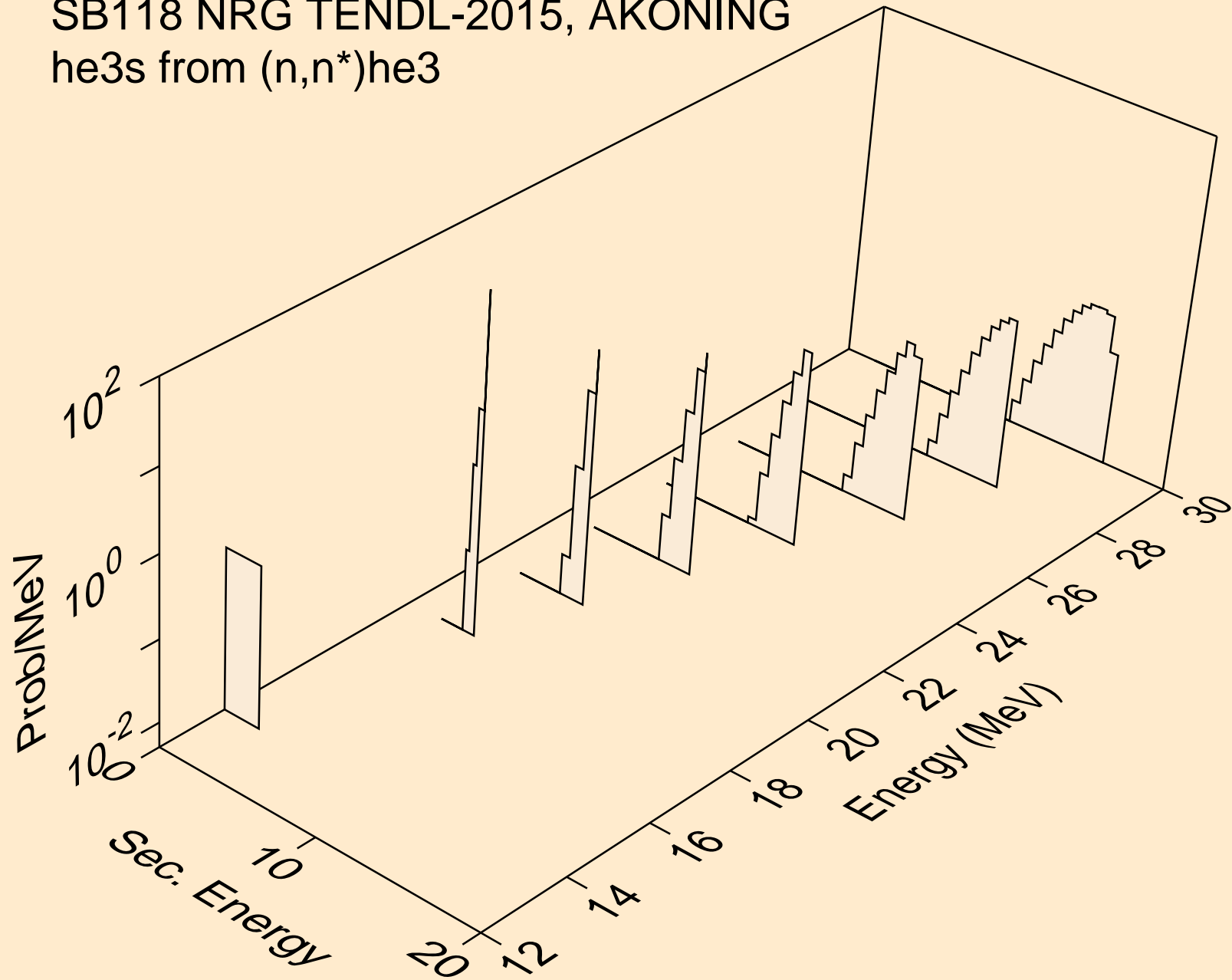
SB118 NRG TENDL-2015, AKONING  
tritons from (n,pt)



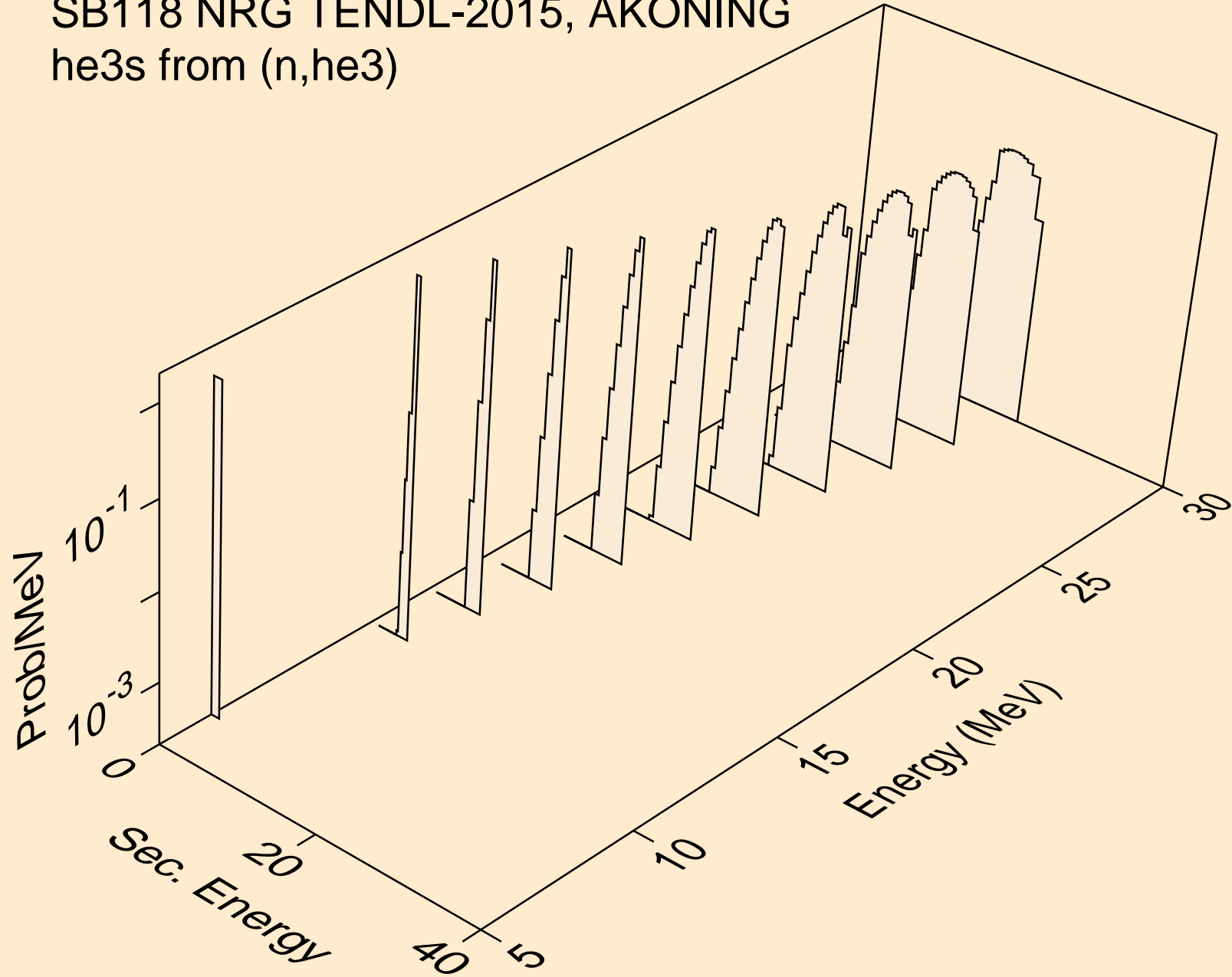
SB118 NRG TENDL-2015, AKONING  
he3s from (n,x)



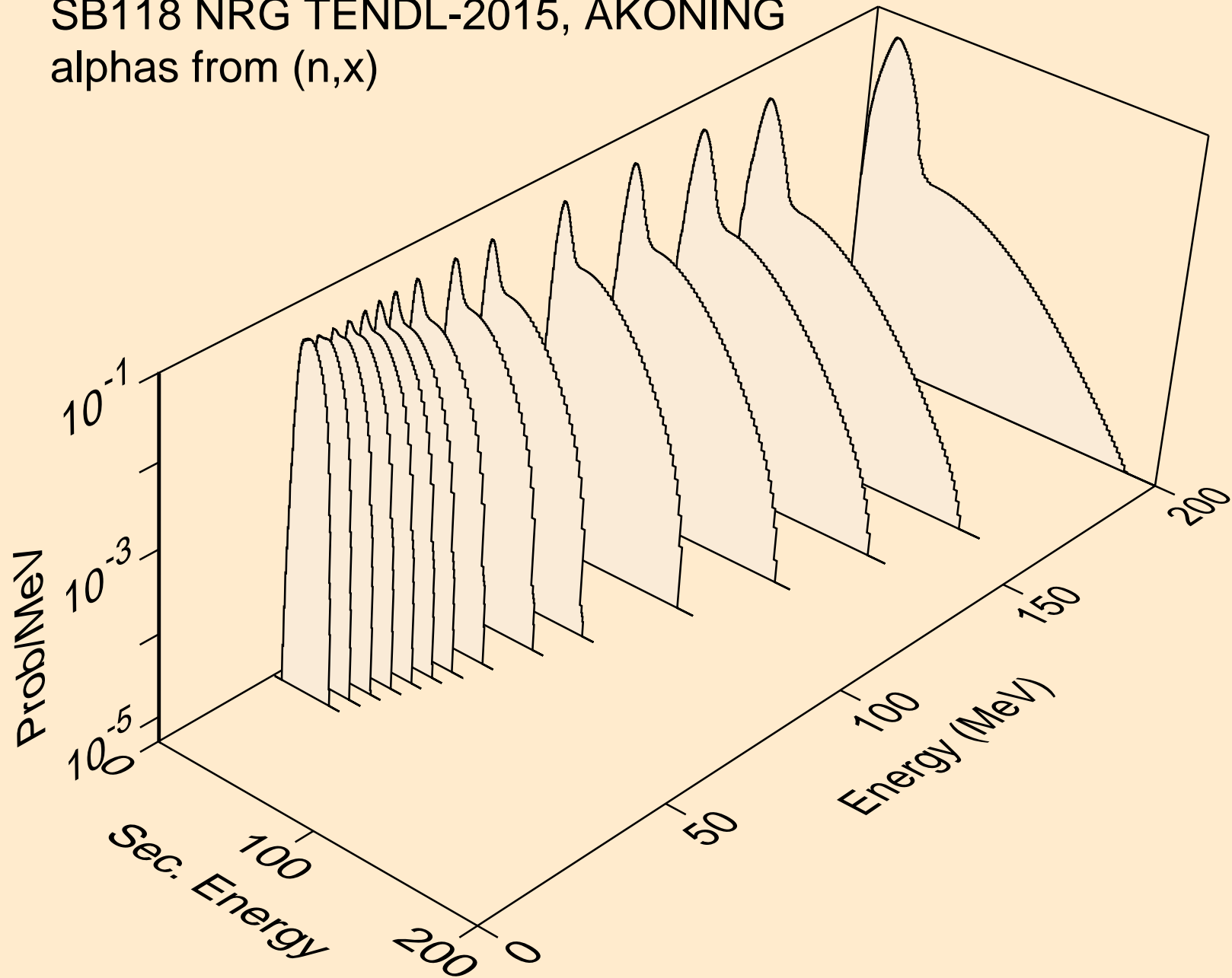
SB118 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



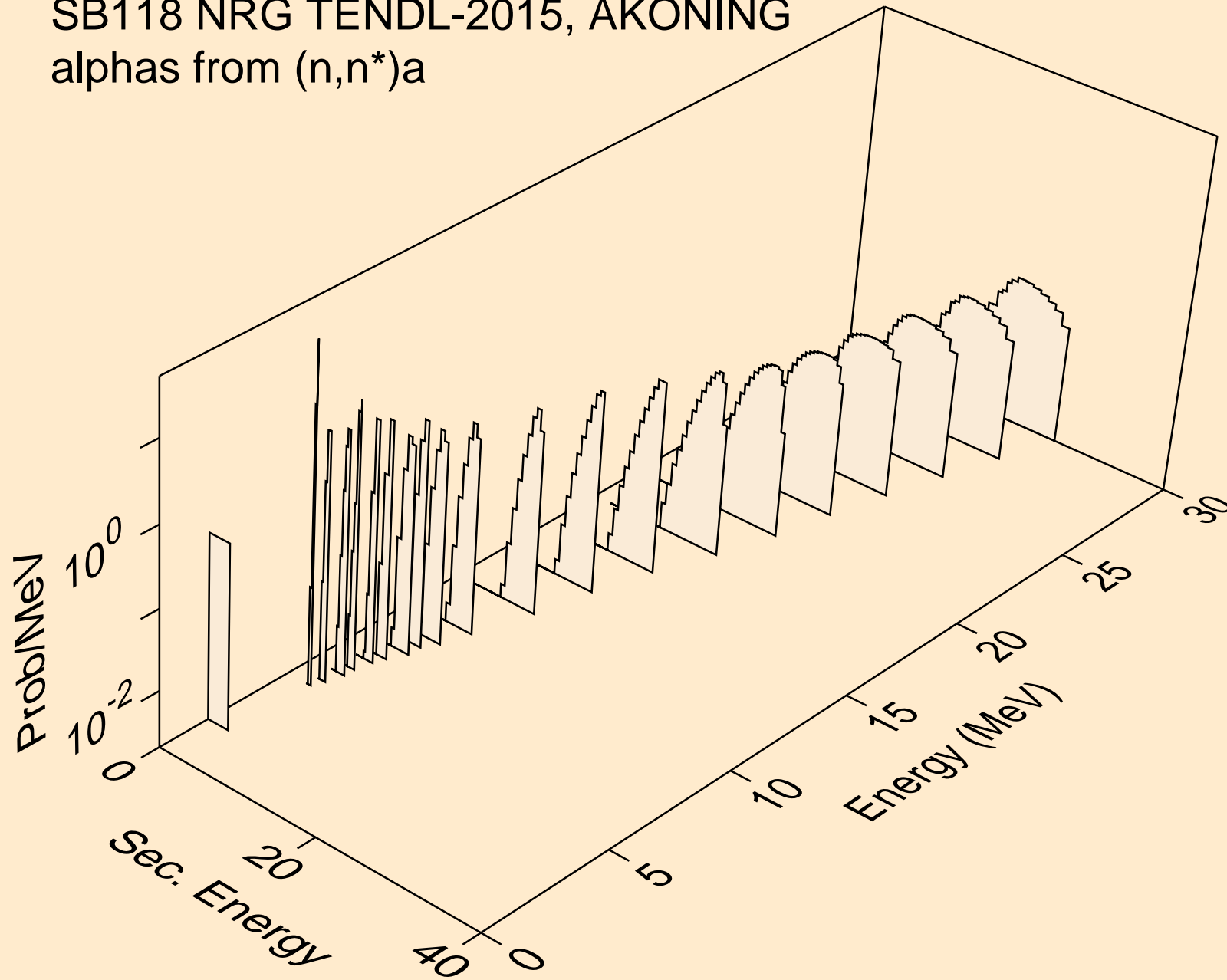
SB118 NRG TENDL-2015, AKONING  
he3s from (n,he3)



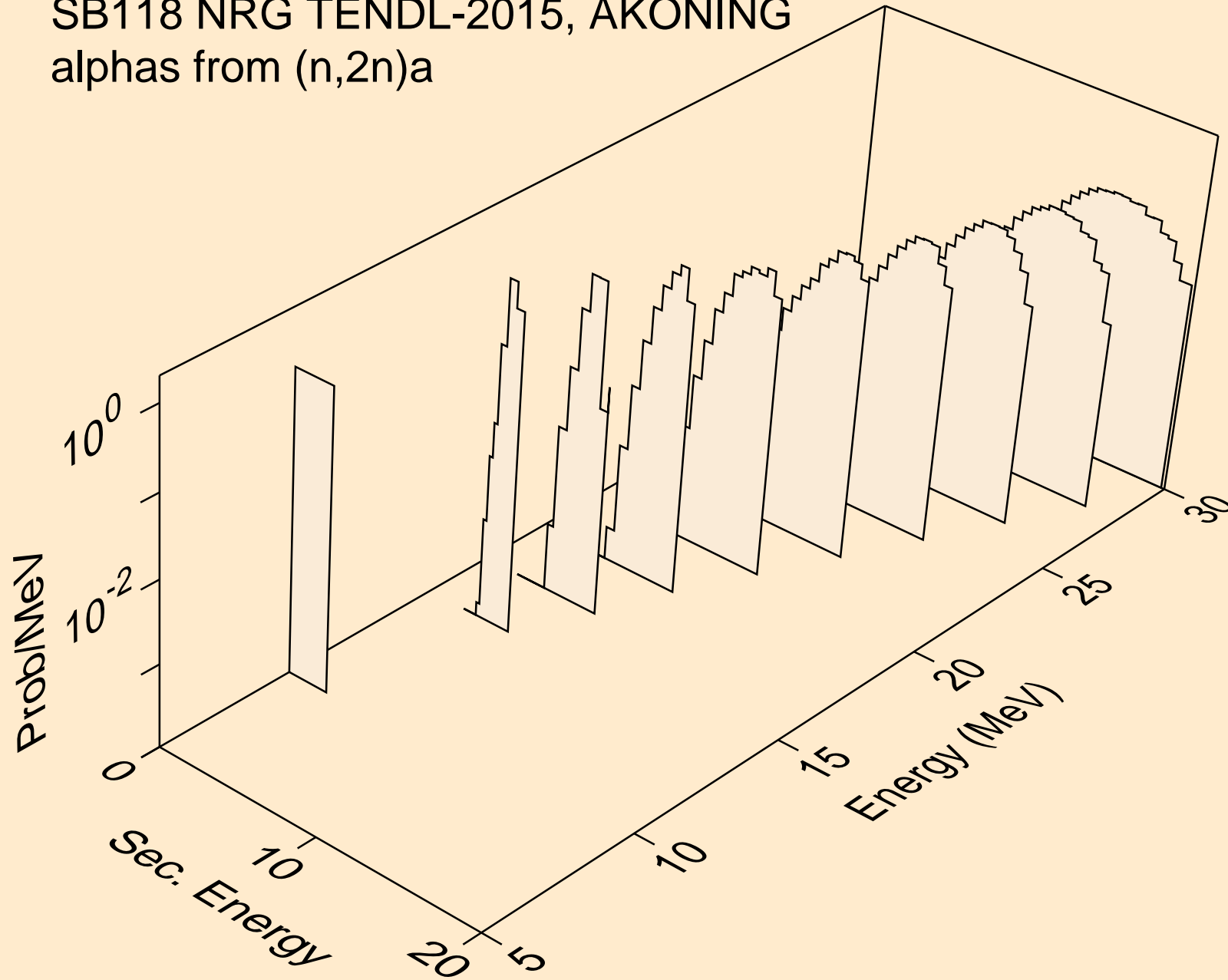
SB118 NRG TENDL-2015, AKONING  
alphas from (n,x)



SB118 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

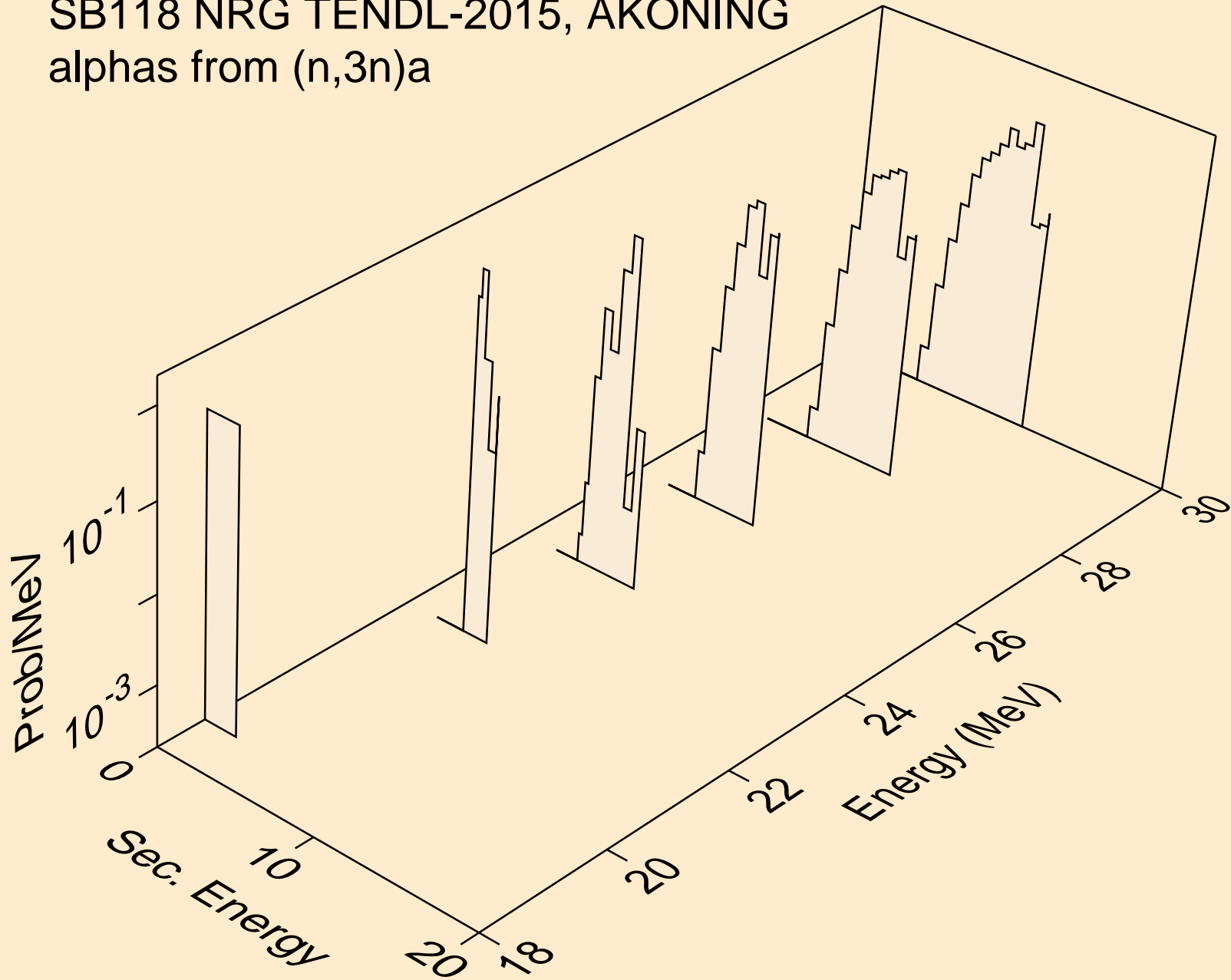


SB118 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

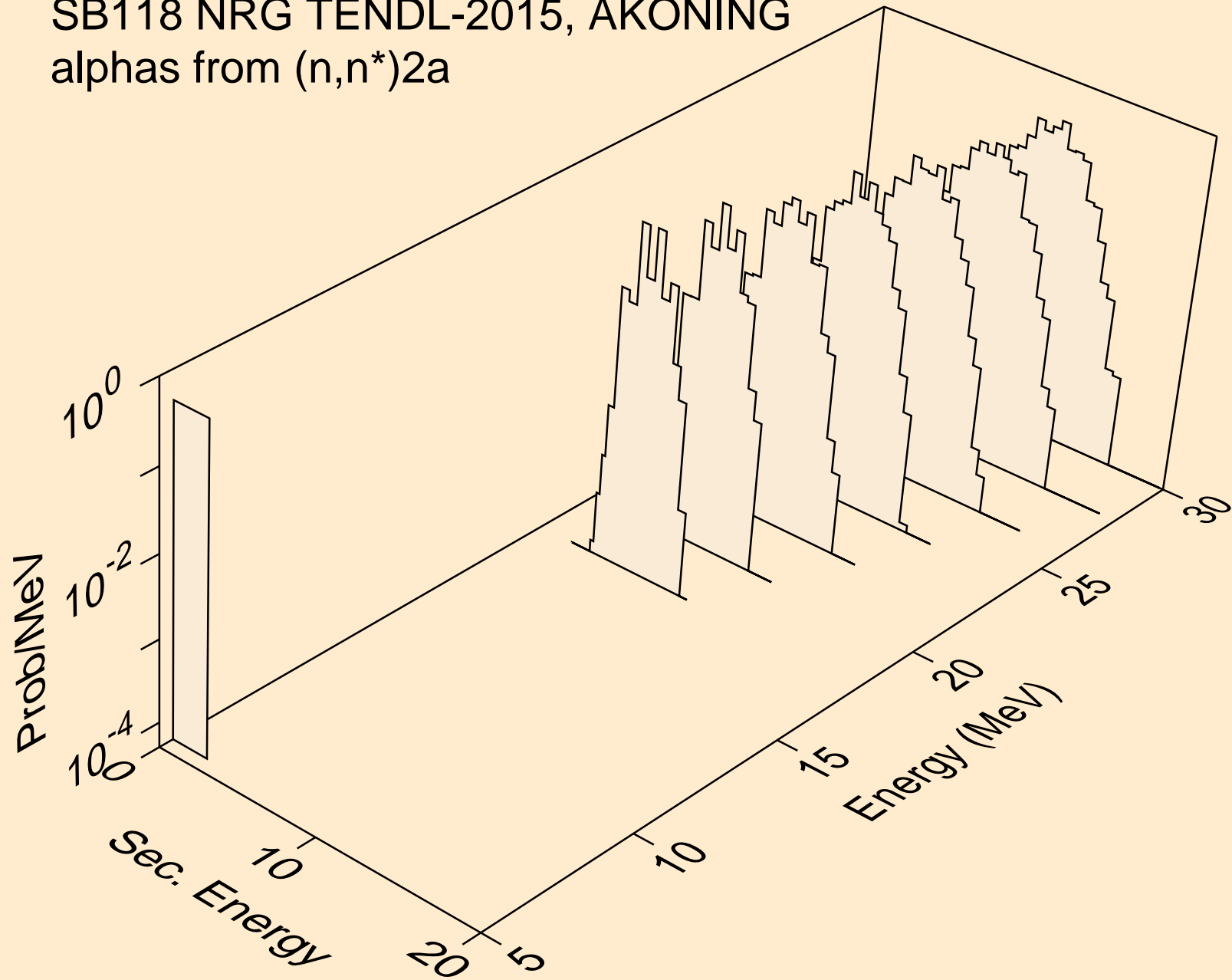




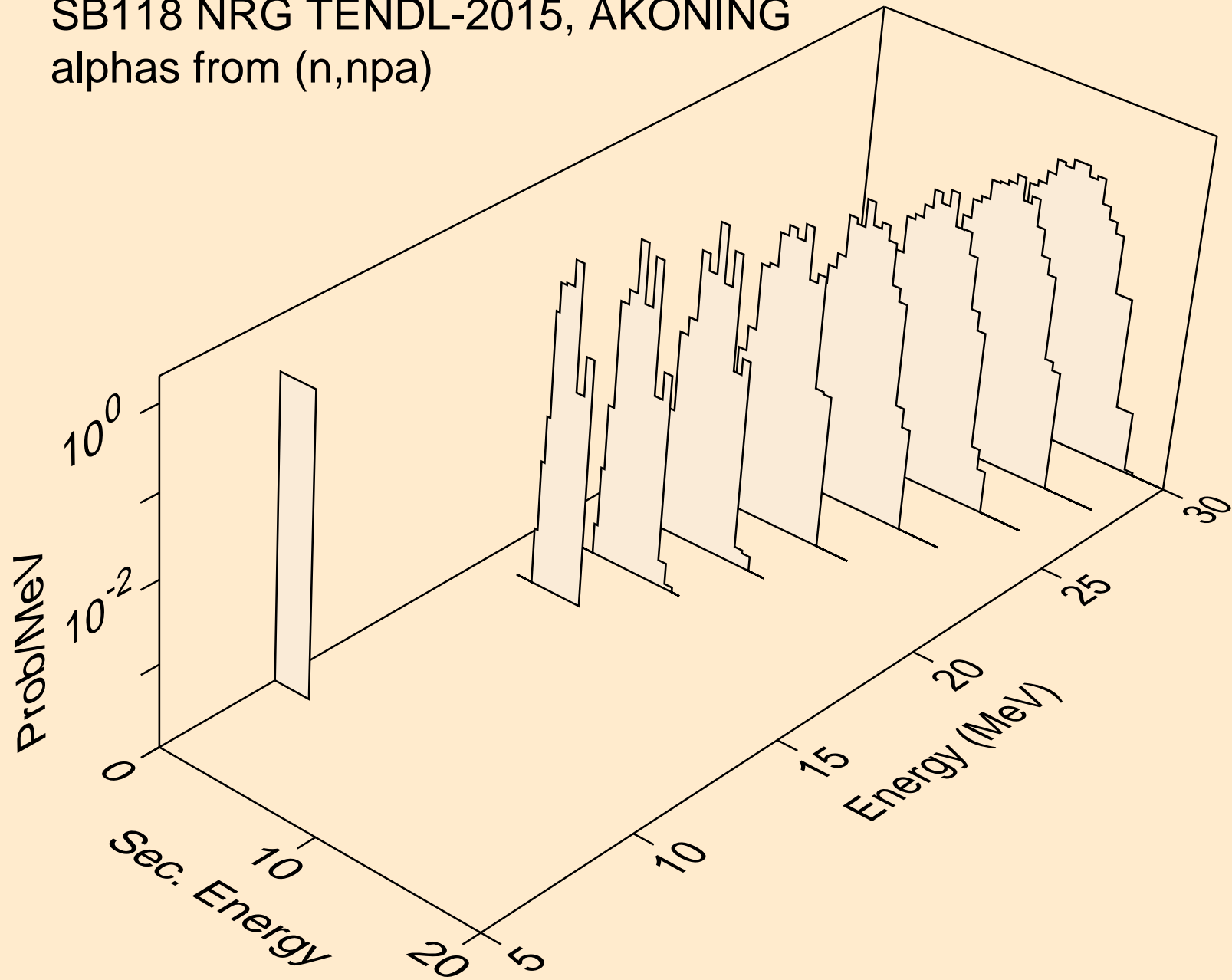
SB118 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



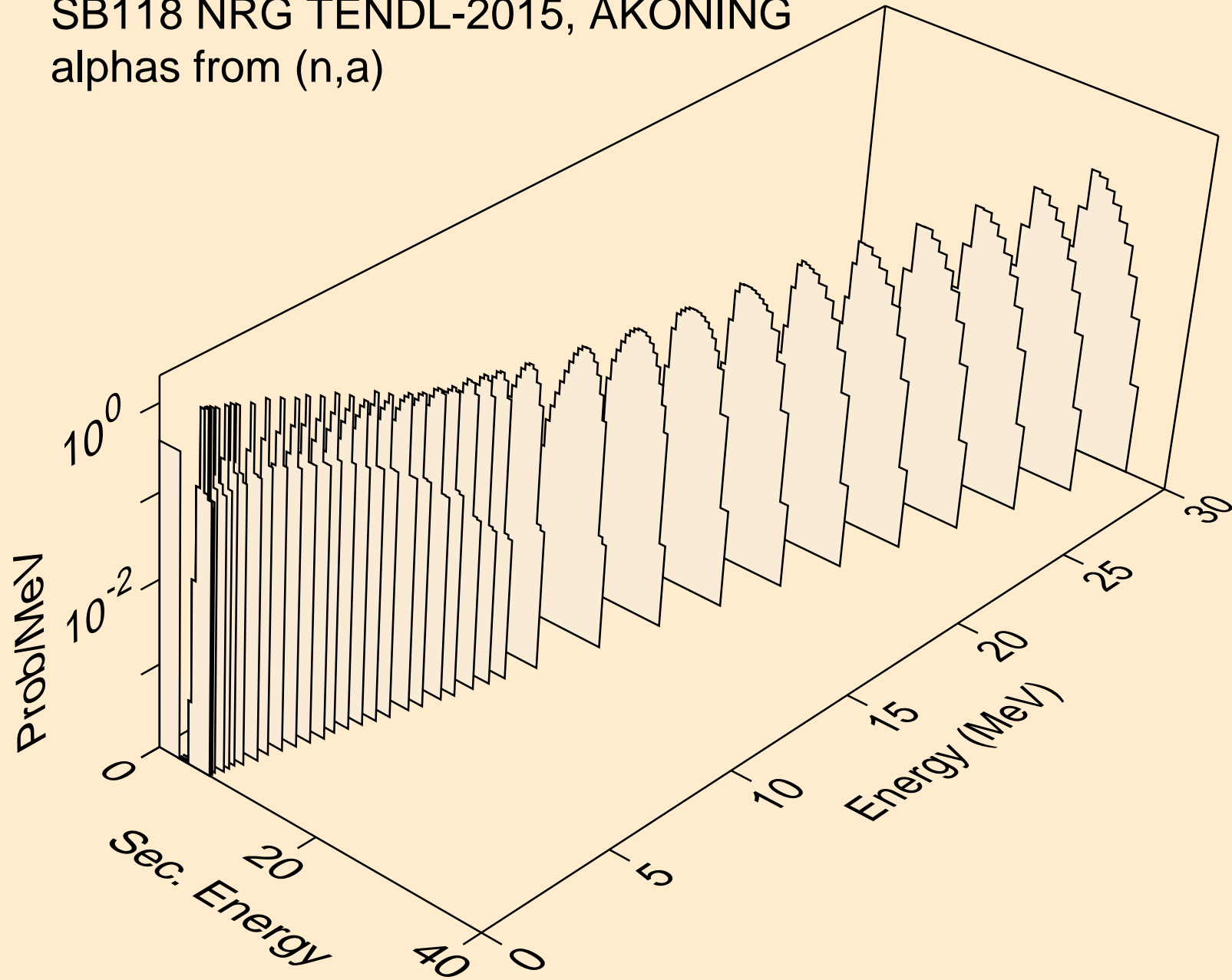
SB118 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



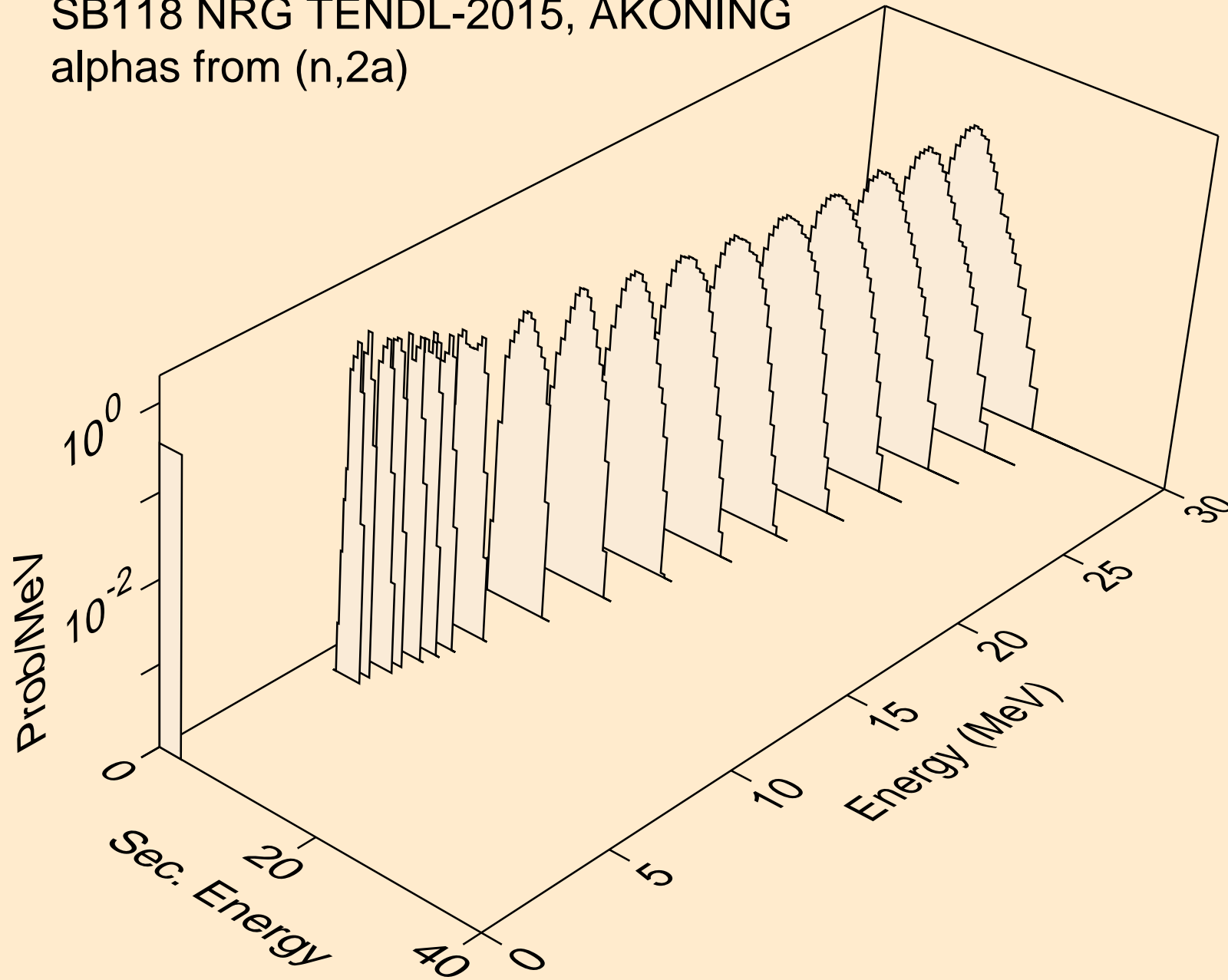
SB118 NRG TENDL-2015, AKONING  
alphas from (n,npa)



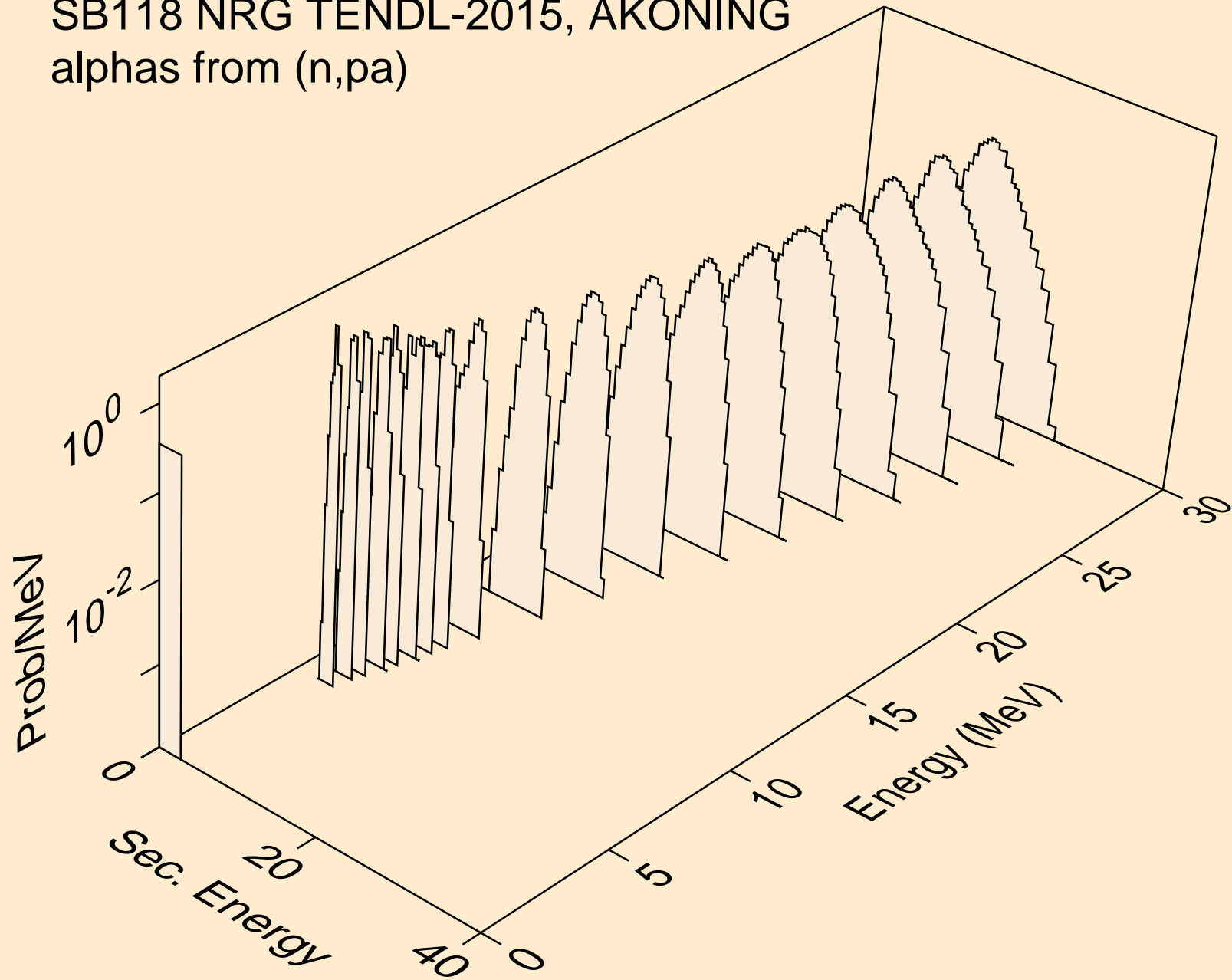
SB118 NRG TENDL-2015, AKONING  
alphas from (n,a)



SB118 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SB118 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SB118 NRG TENDL-2015, AKONING  
alphas from (n,da)

