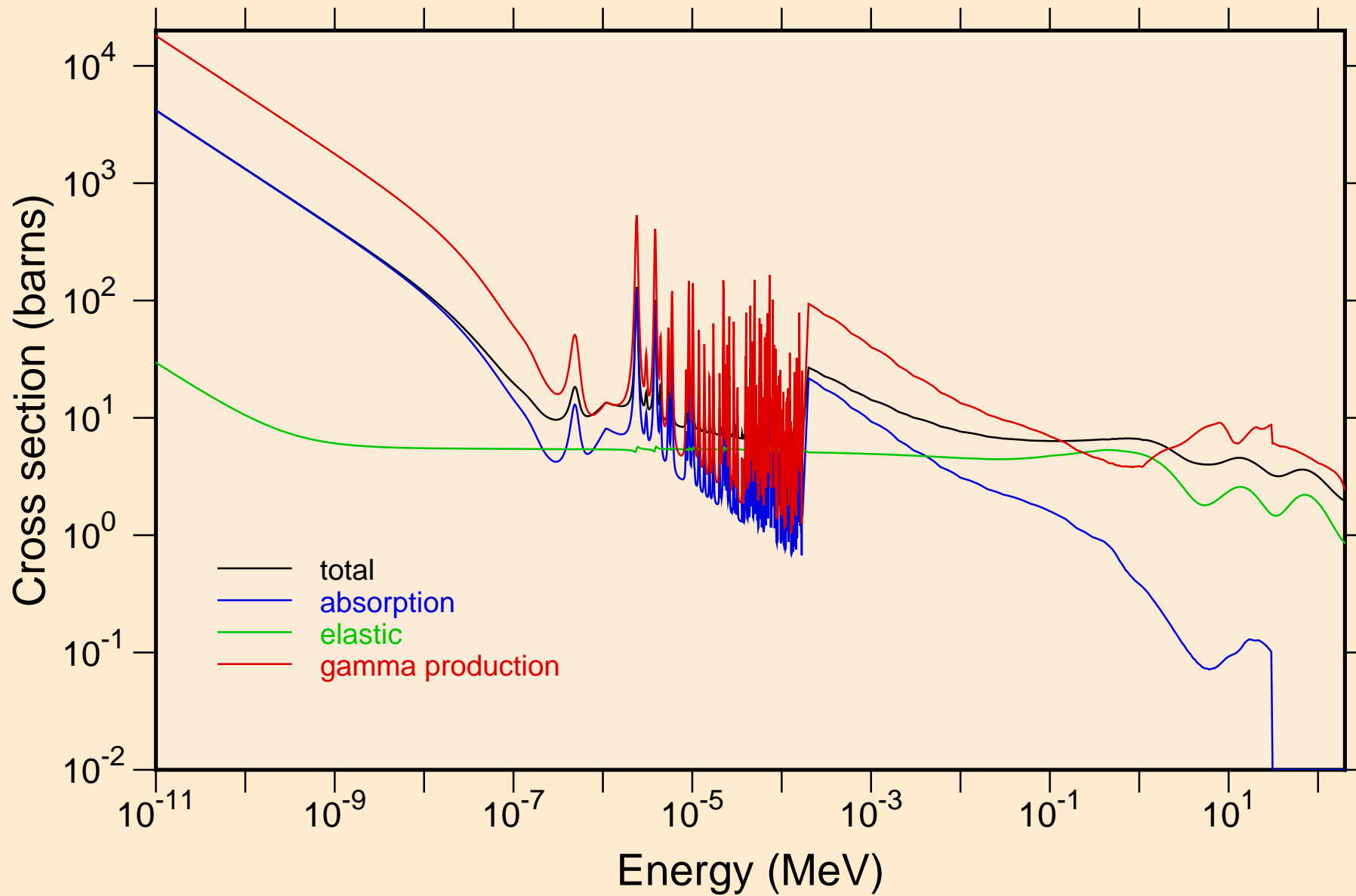
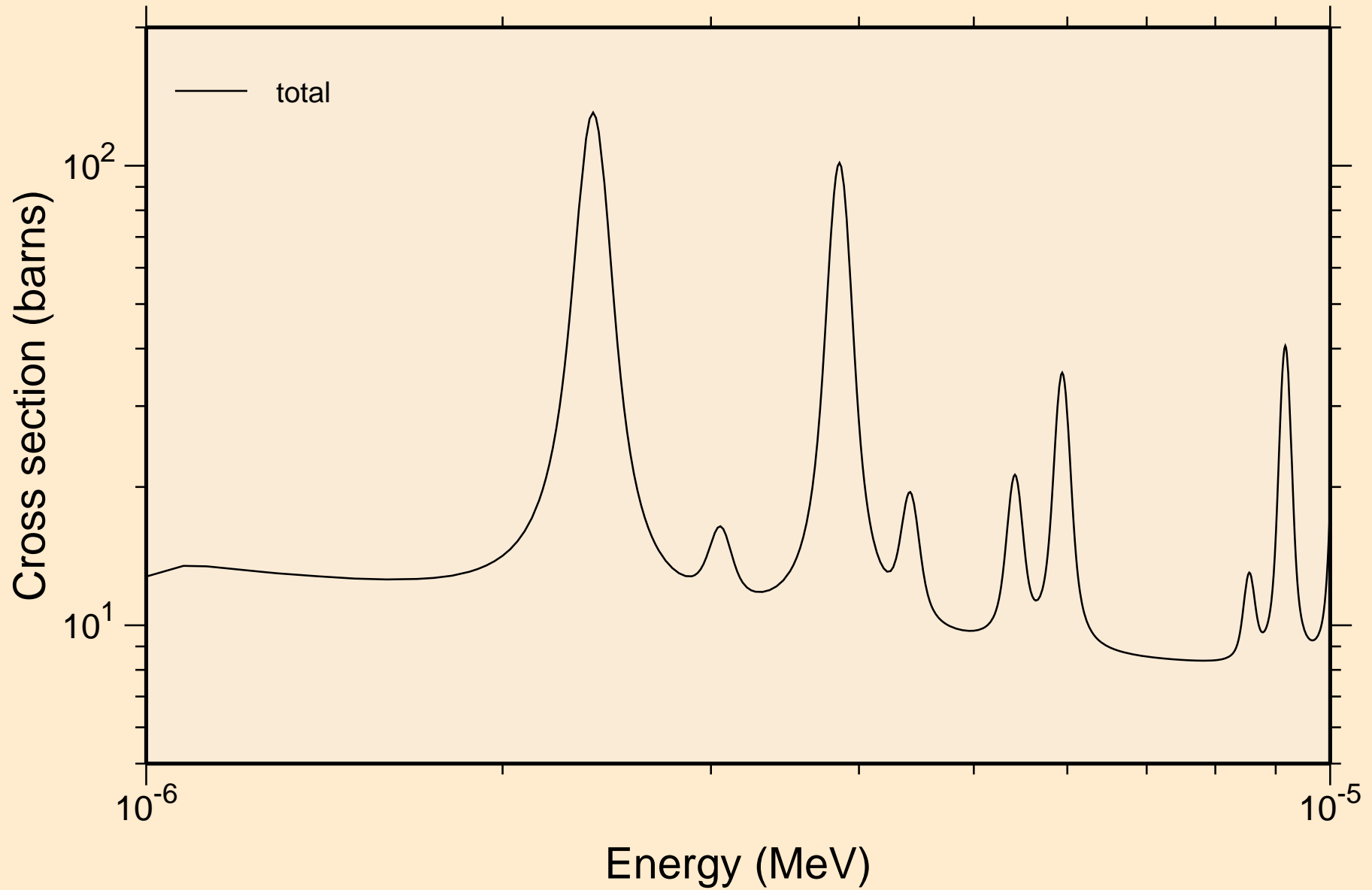


# SB116 NRG TENDL-2015, AKONING

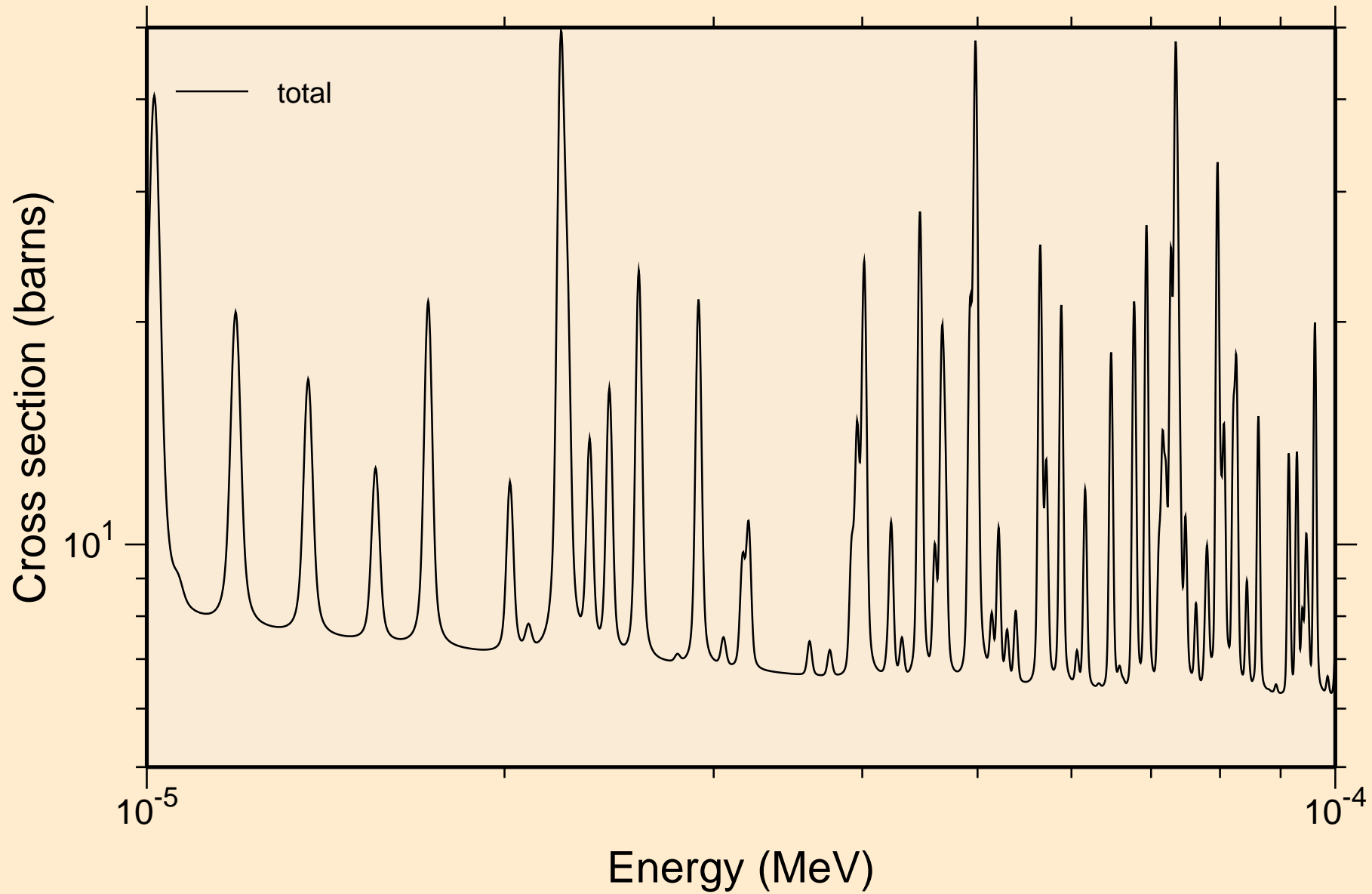
## Principal cross sections



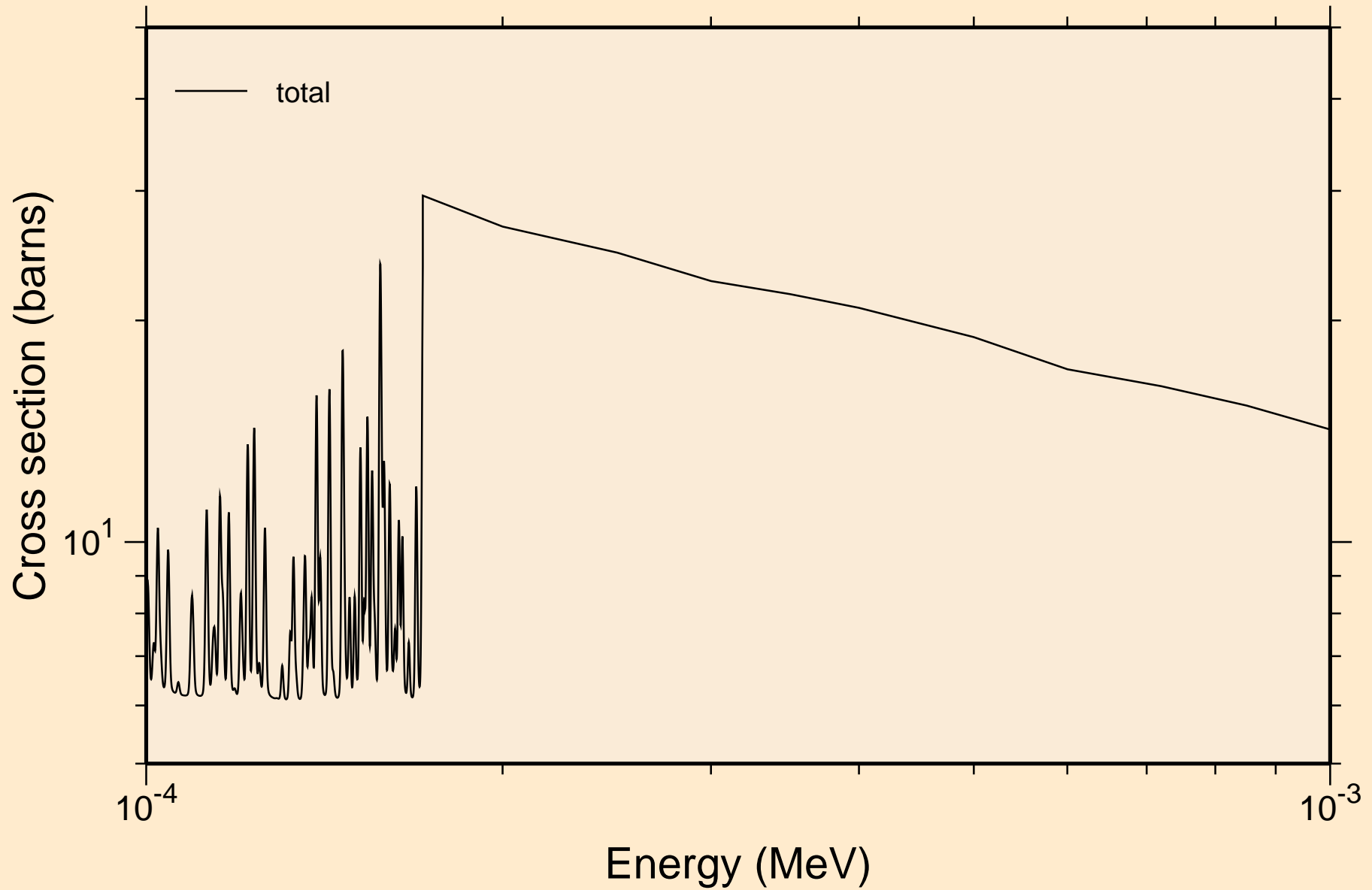
SB116 NRG TENDL-2015, AKONING  
resonance total cross section



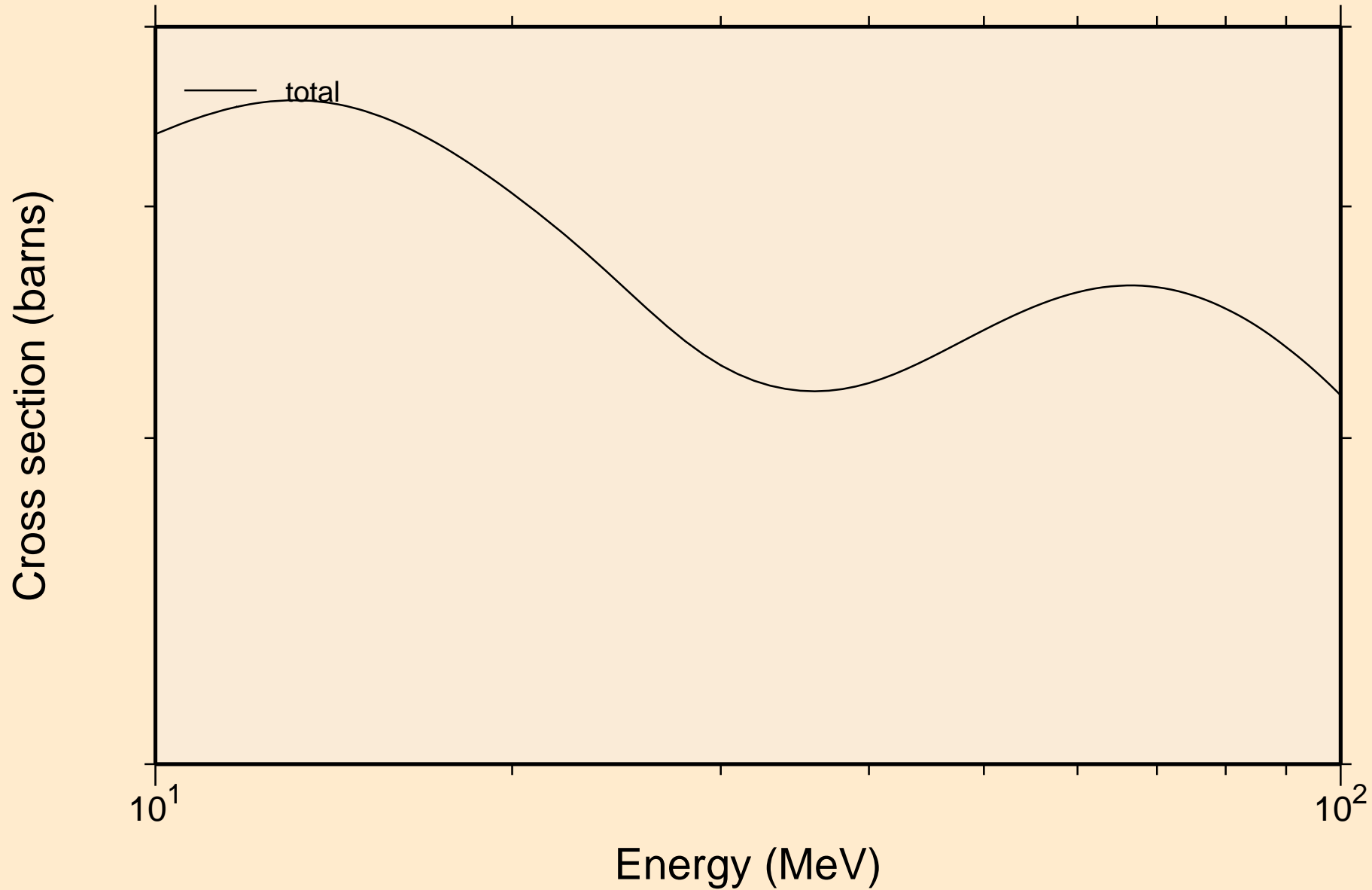
SB116 NRG TENDL-2015, AKONING  
resonance total cross section



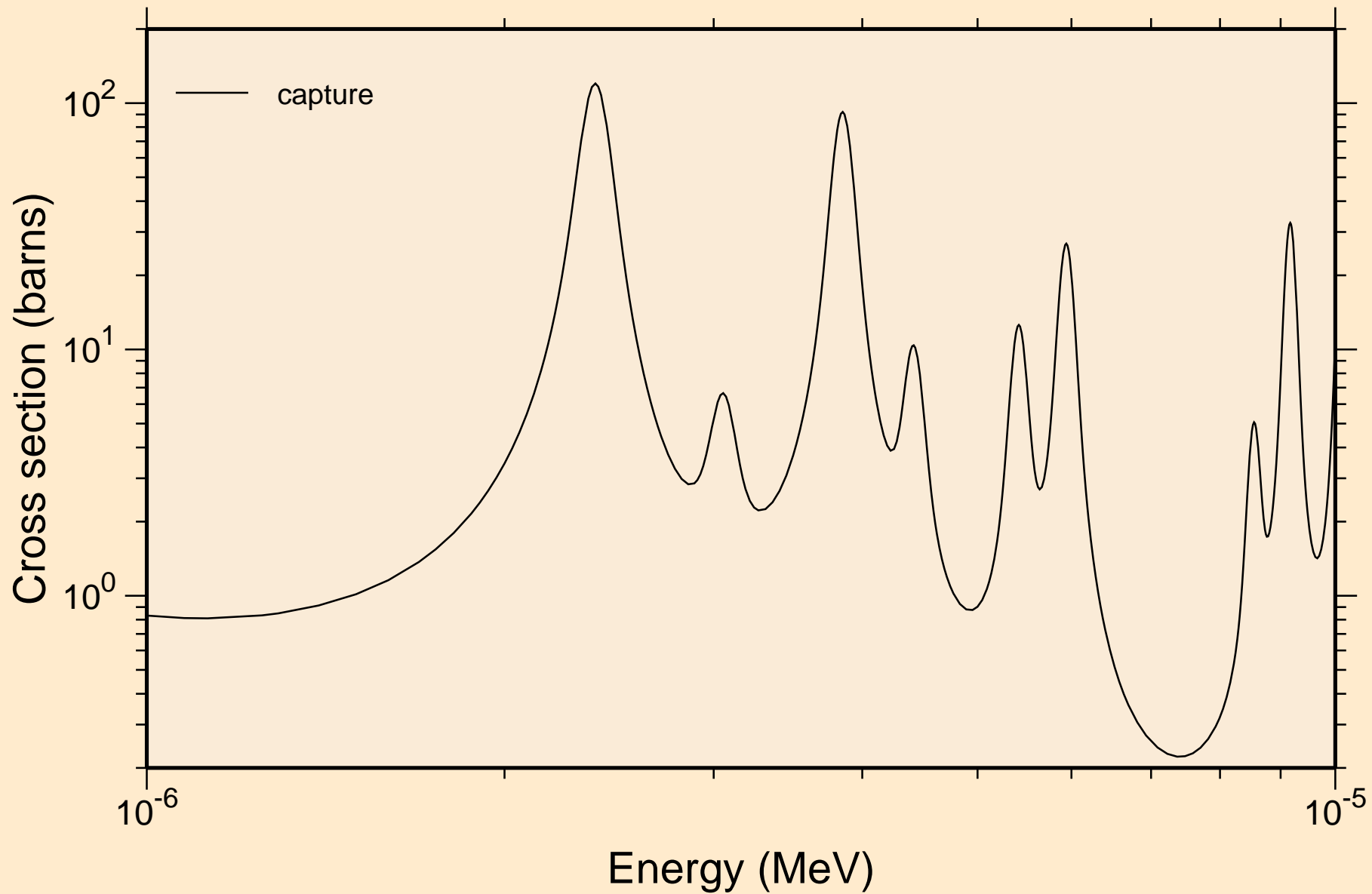
SB116 NRG TENDL-2015, AKONING  
resonance total cross section



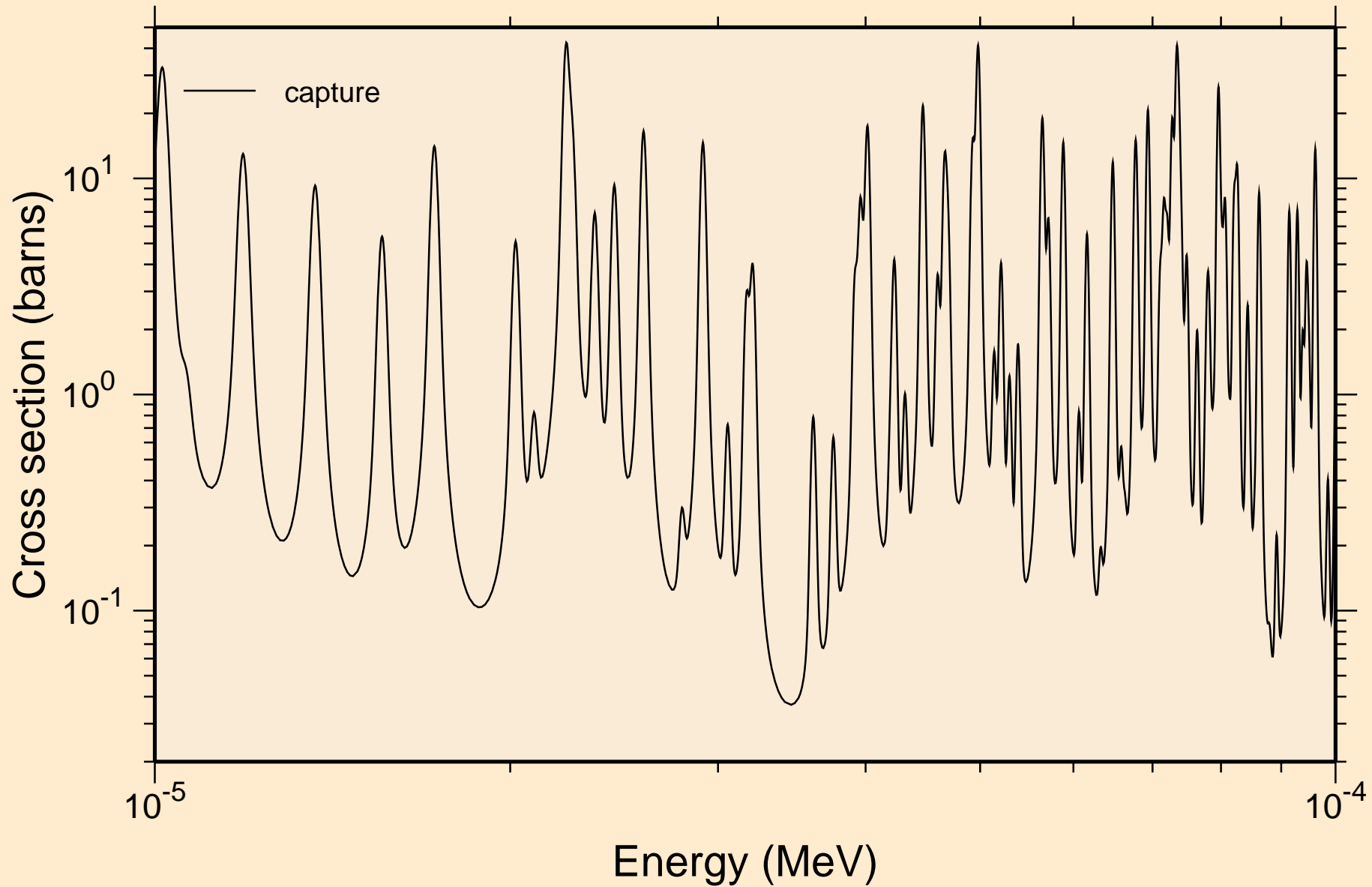
S $\bar{B}$ 116 NRG TENDL-2015, AKONING  
resonance total cross section



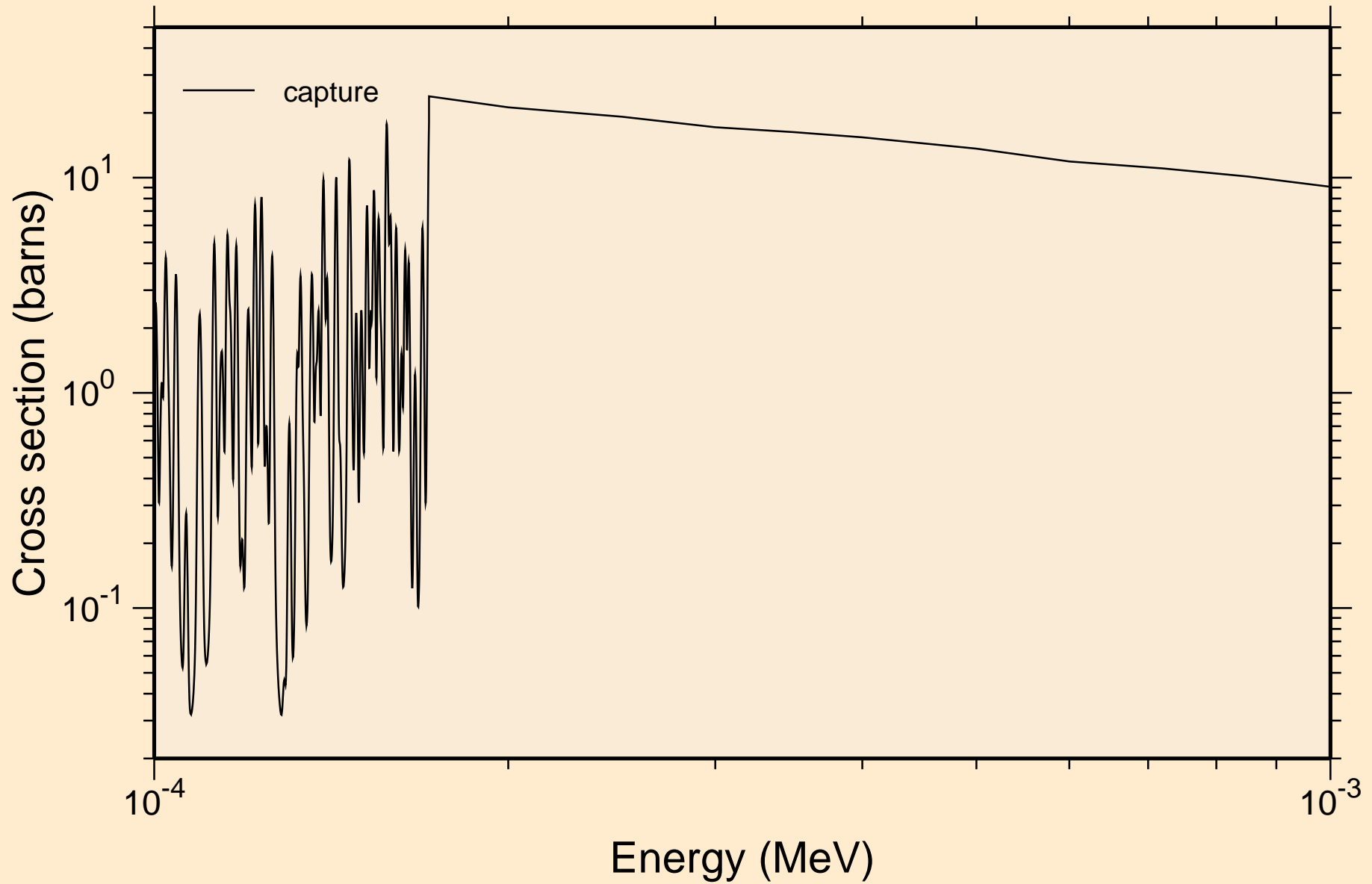
SB116 NRG TENDL-2015, AKONING  
resonance absorption cross sections



SB116 NRG TENDL-2015, AKONING  
resonance absorption cross sections

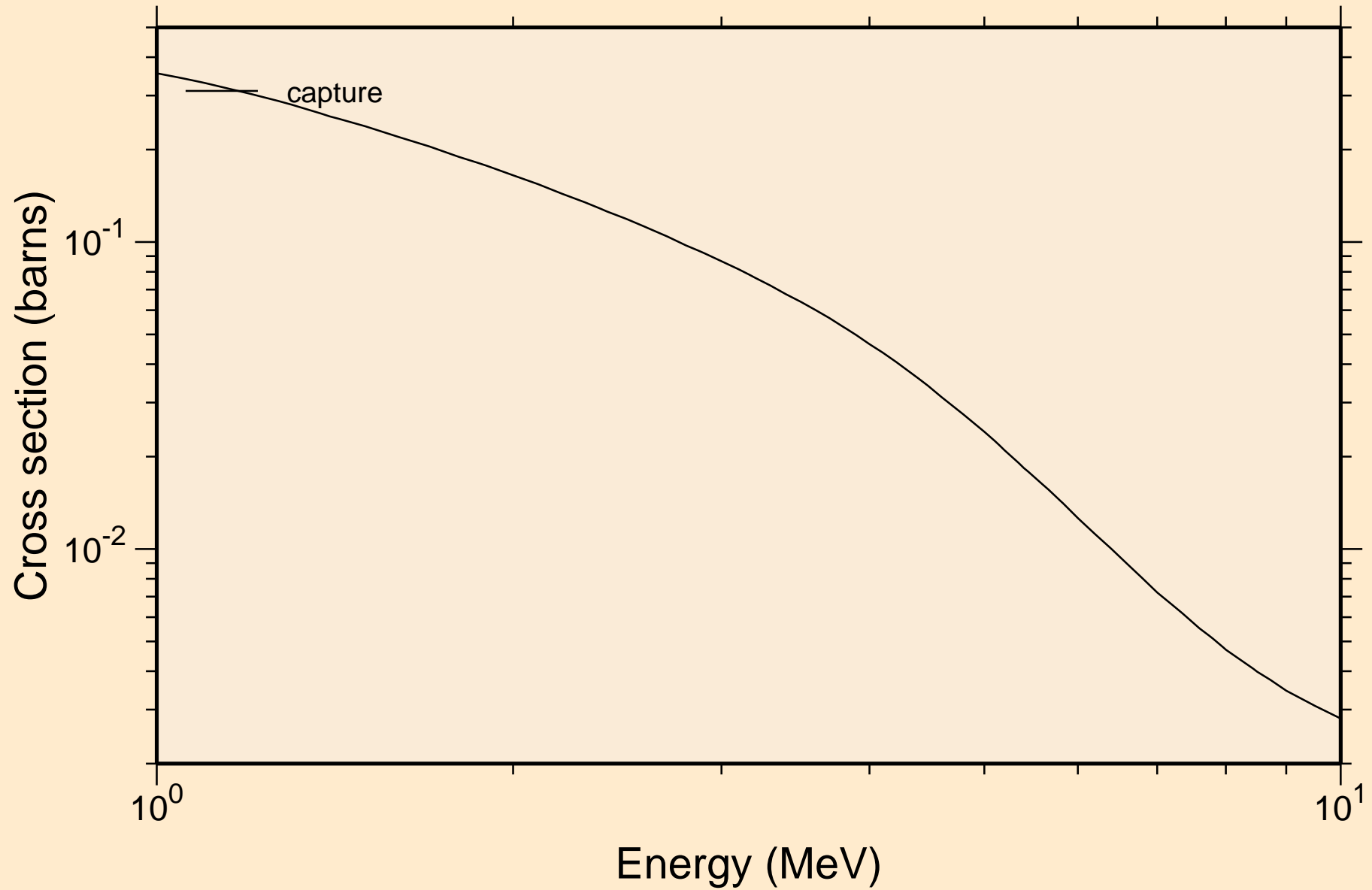


SB116 NRG TENDL-2015, AKONING  
resonance absorption cross sections



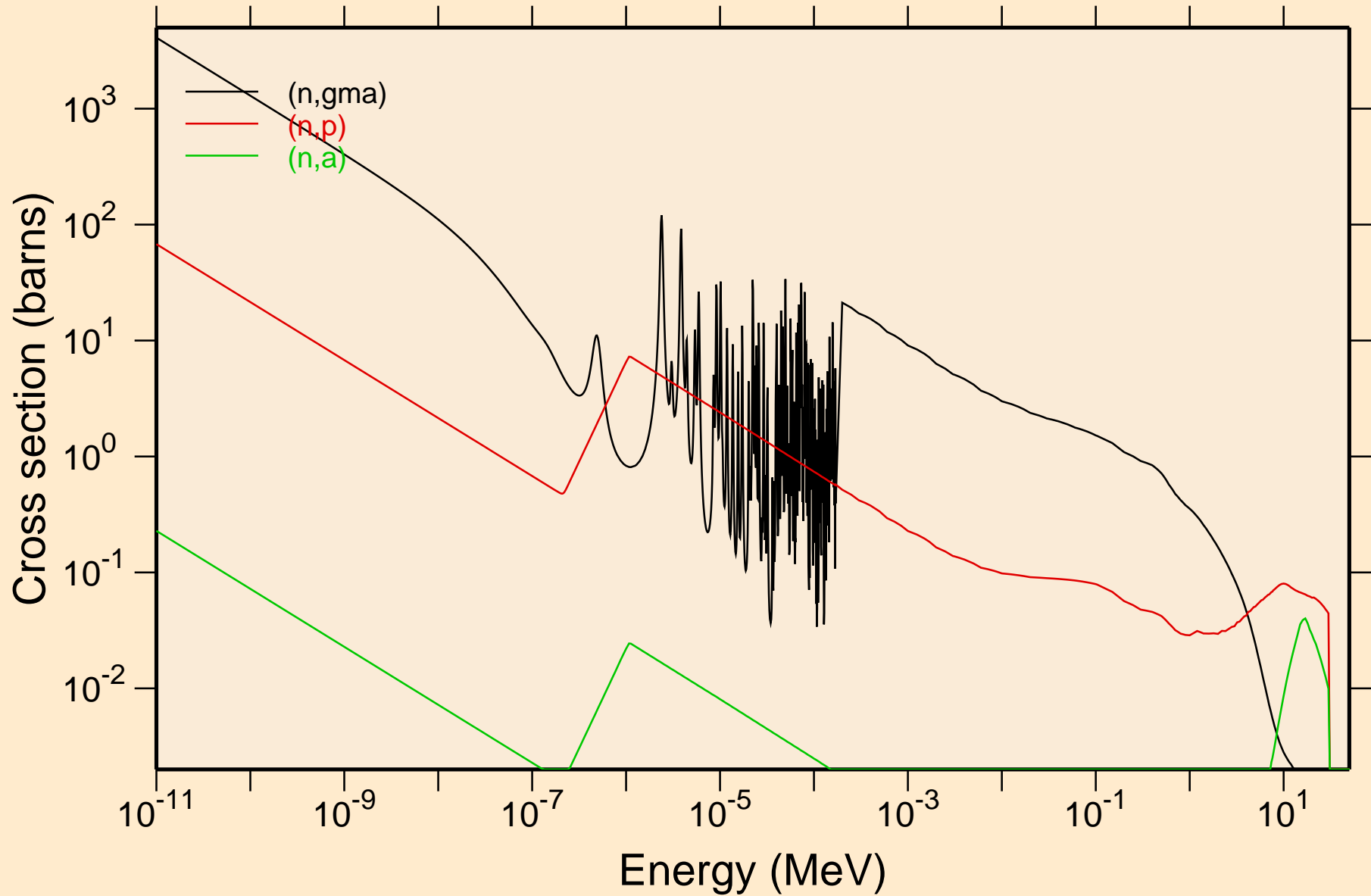


SB116 NRG TENDL-2015, AKONING  
resonance absorption cross sections



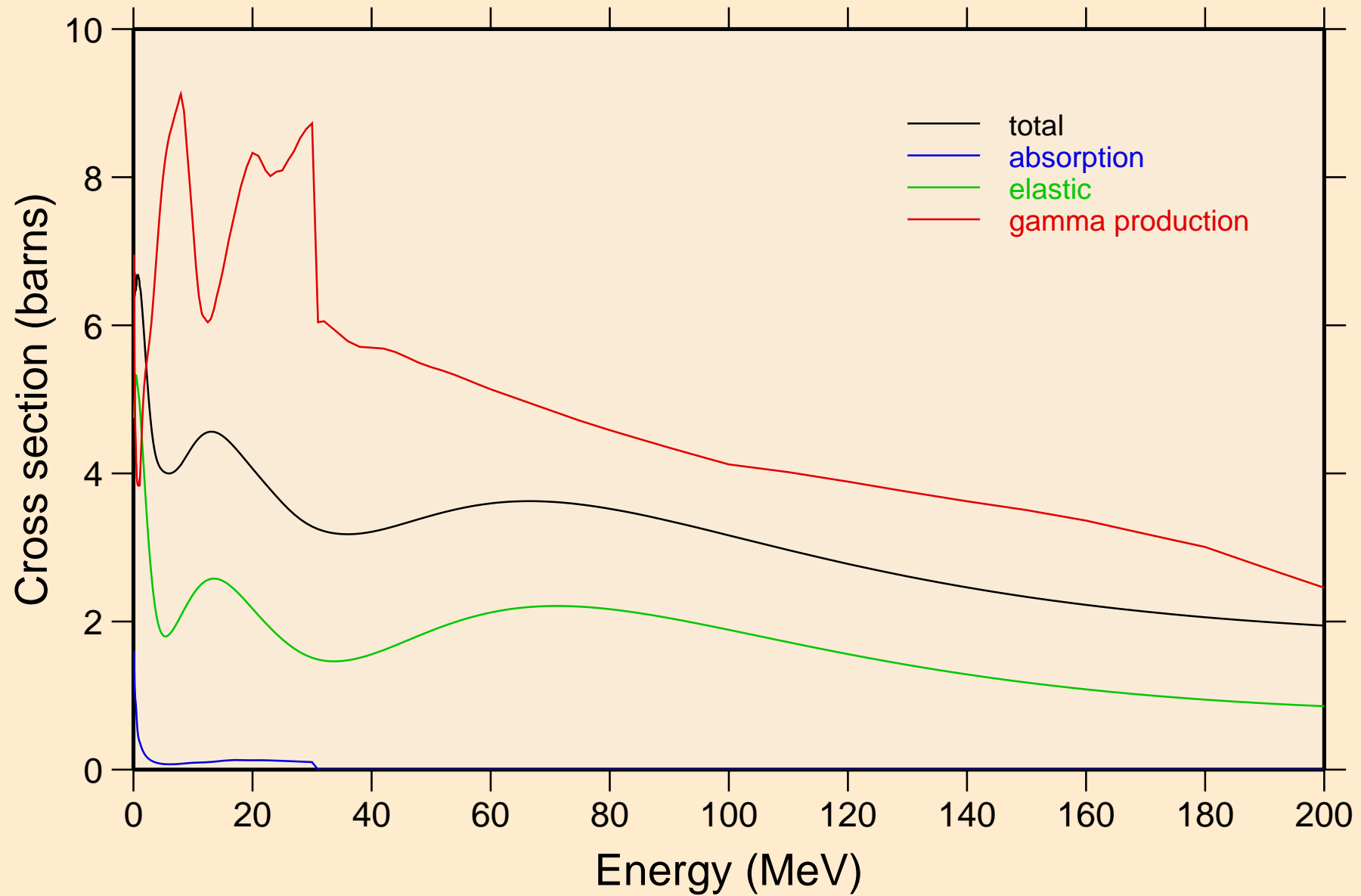
# SB116 NRG TENDL-2015, AKONING

## Non-threshold reactions



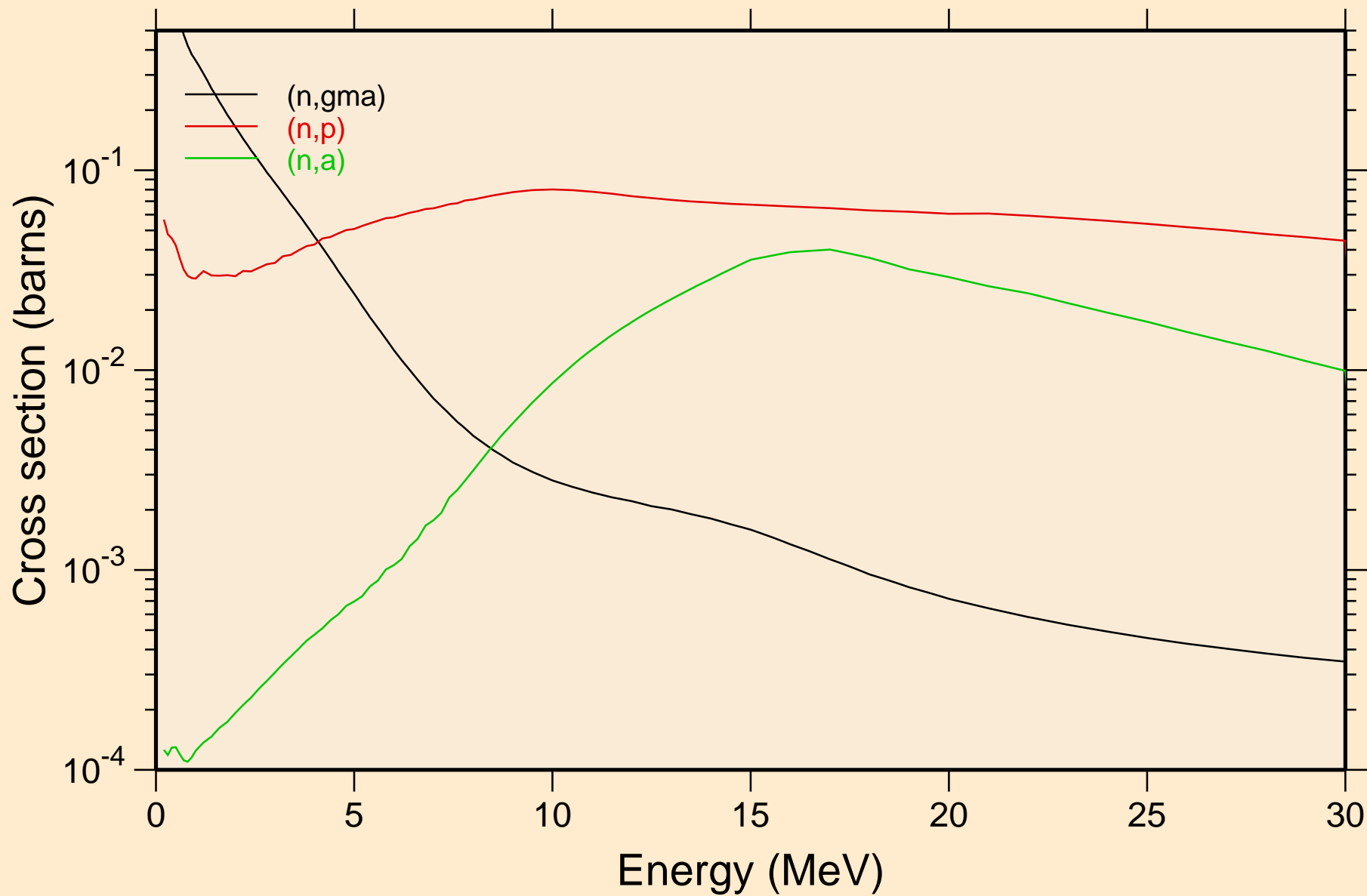
# SB116 NRG TENDL-2015, AKONING

## Principal cross sections



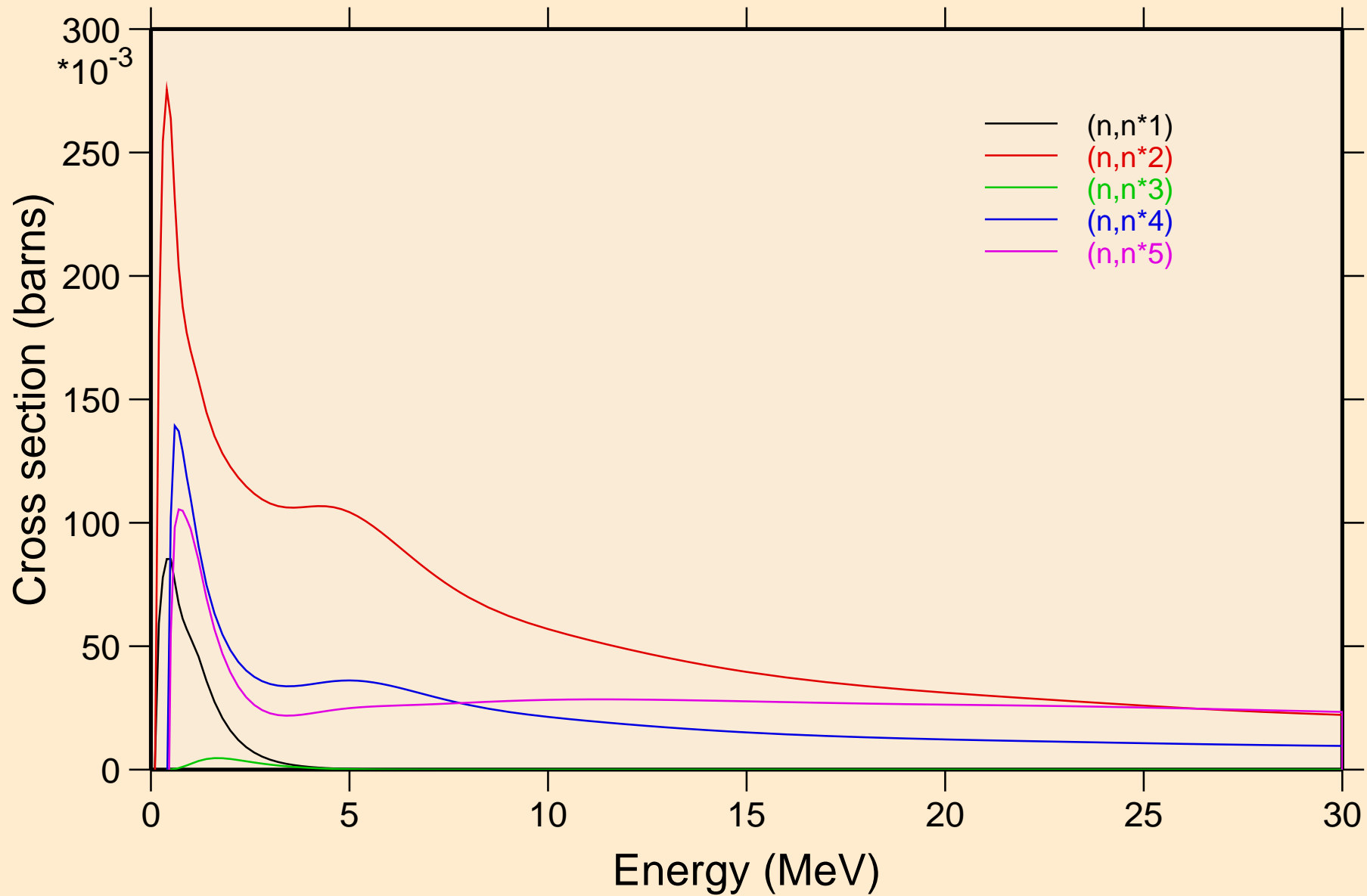
# SB116 NRG TENDL-2015, AKONING

## Non-threshold reactions



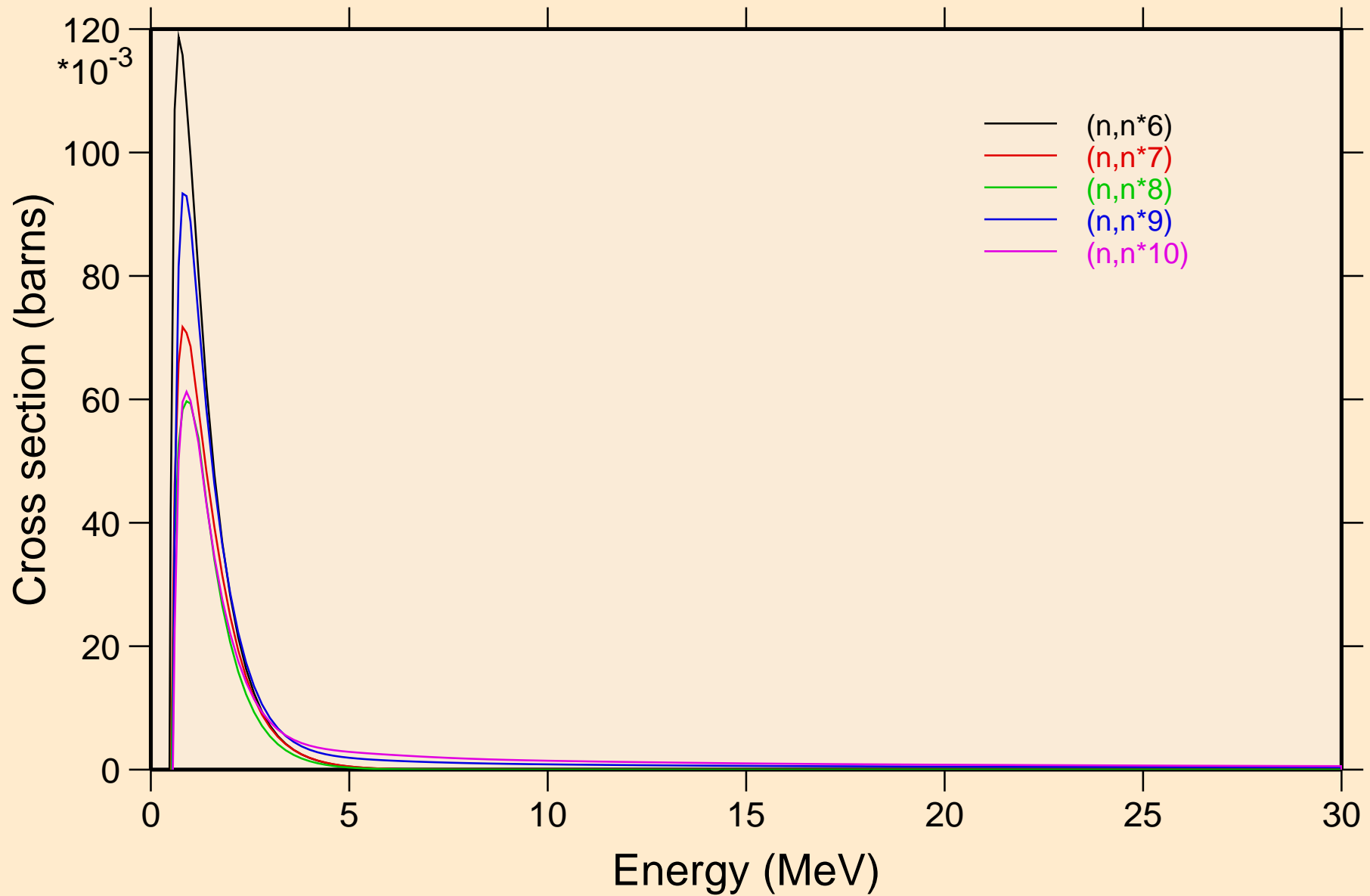
# SB116 NRG TENDL-2015, AKONING

## Inelastic levels



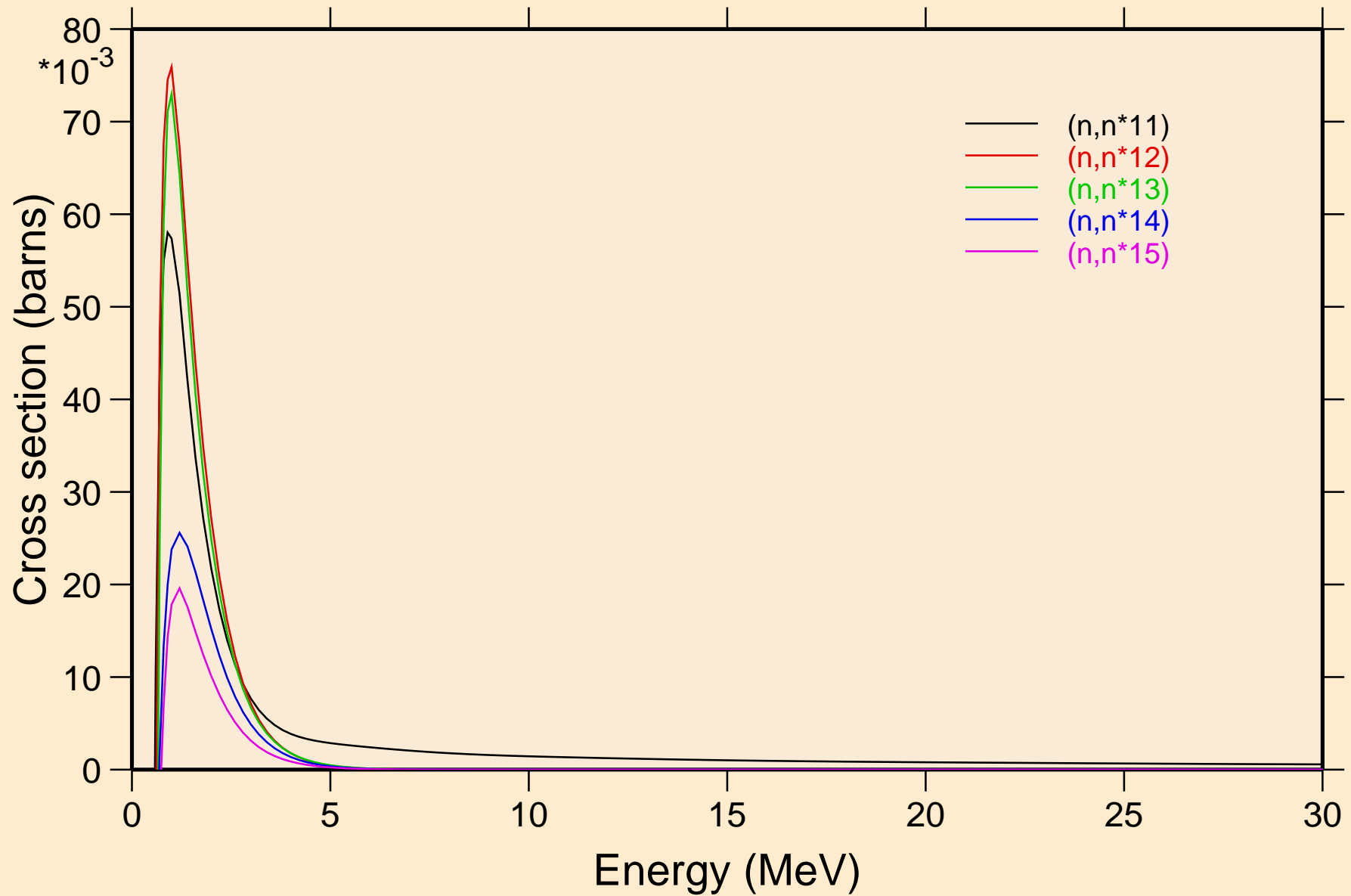
# SB116 NRG TENDL-2015, AKONING

## Inelastic levels



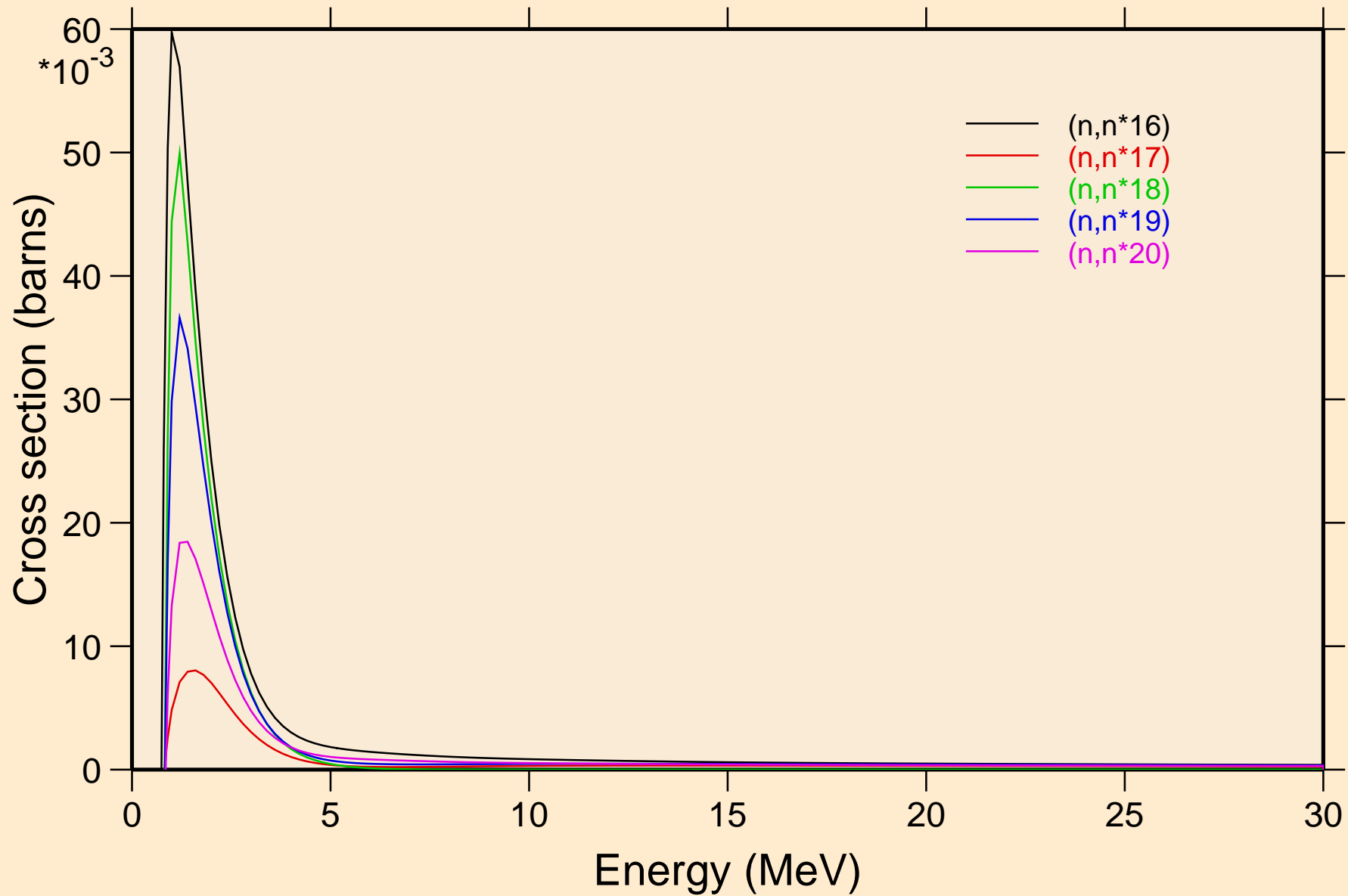
# SB116 NRG TENDL-2015, AKONING

## Inelastic levels



# SB116 NRG TENDL-2015, AKONING

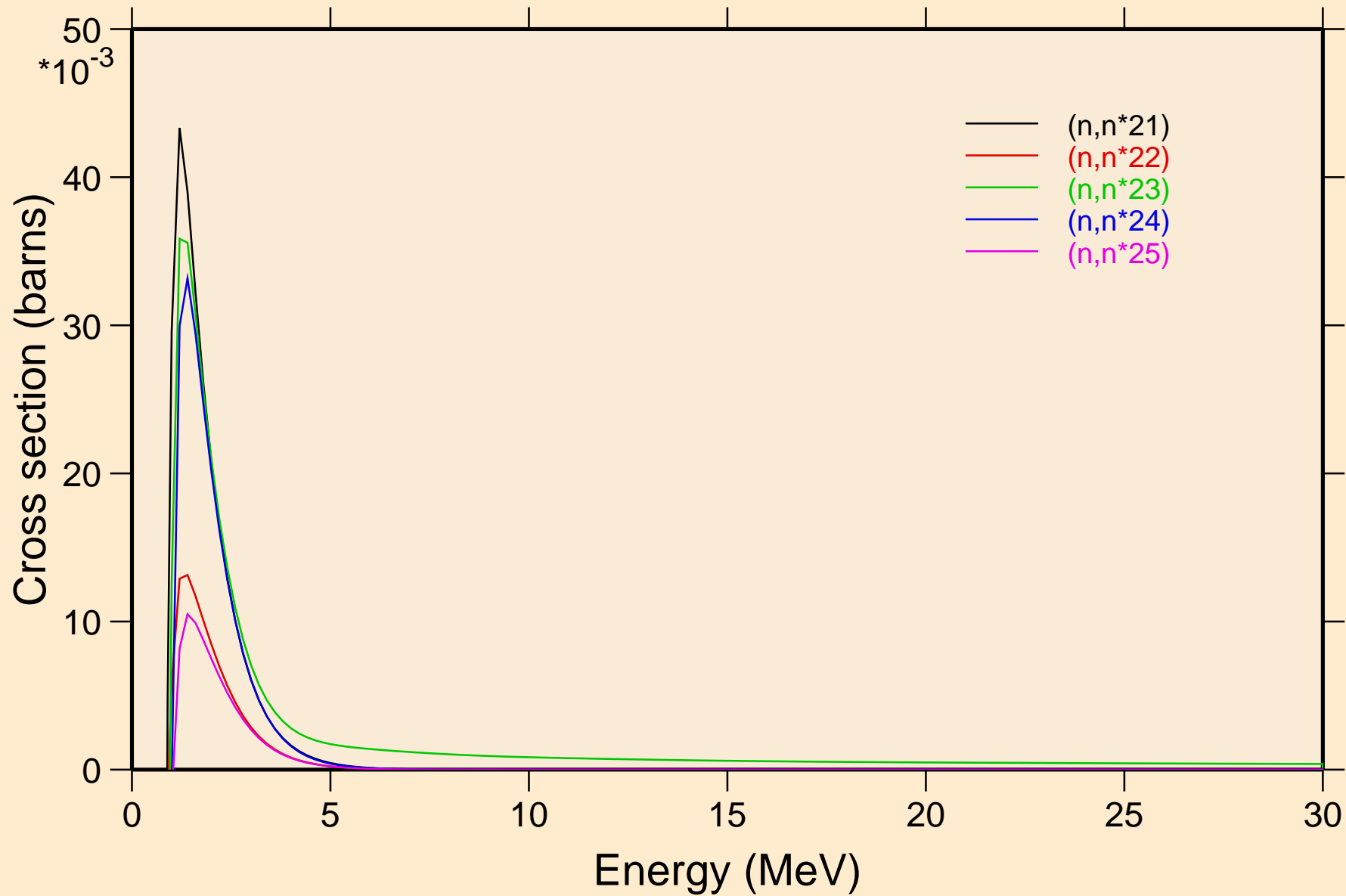
## Inelastic levels





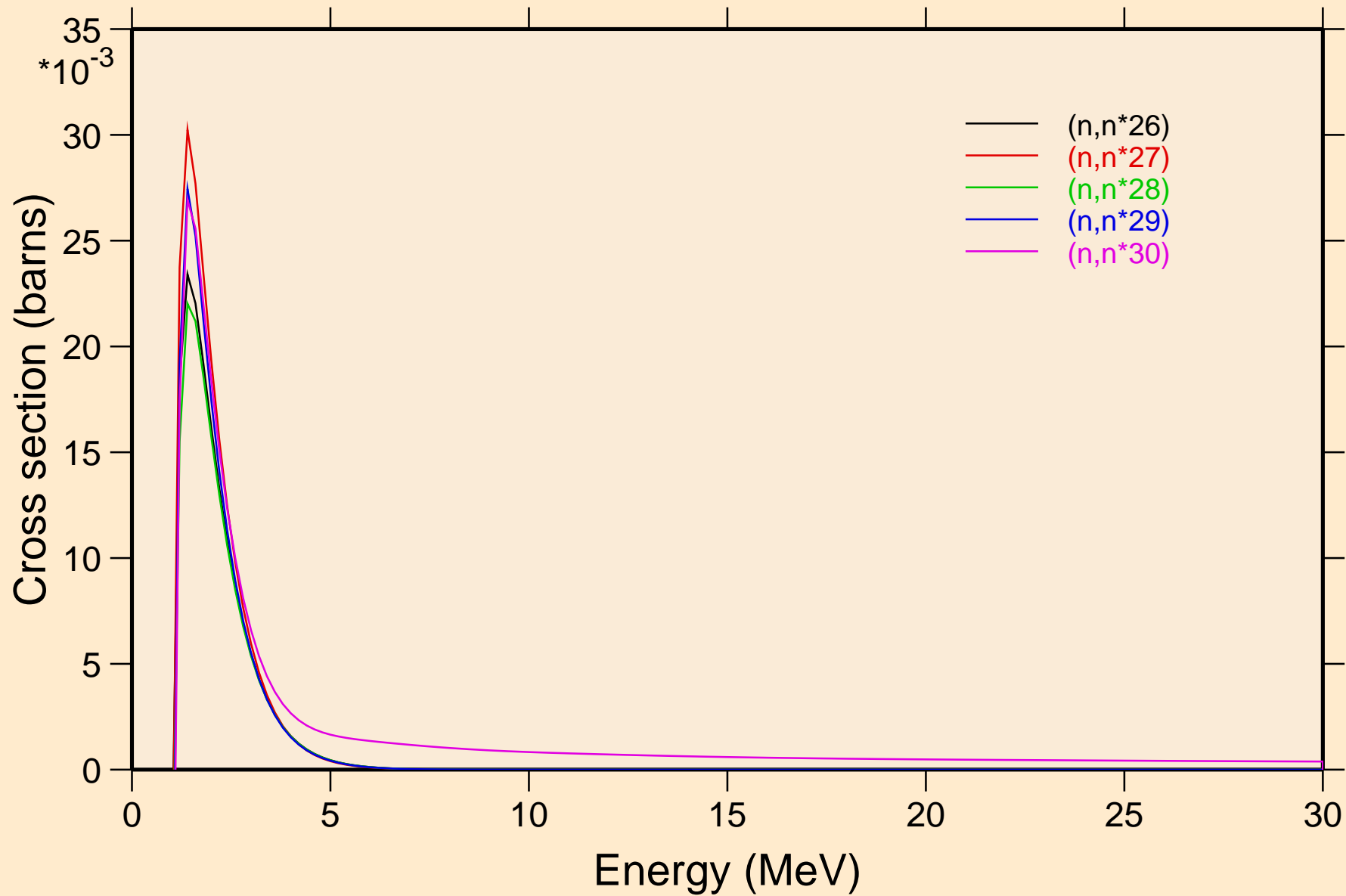
# SB116 NRG TENDL-2015, AKONING

## Inelastic levels



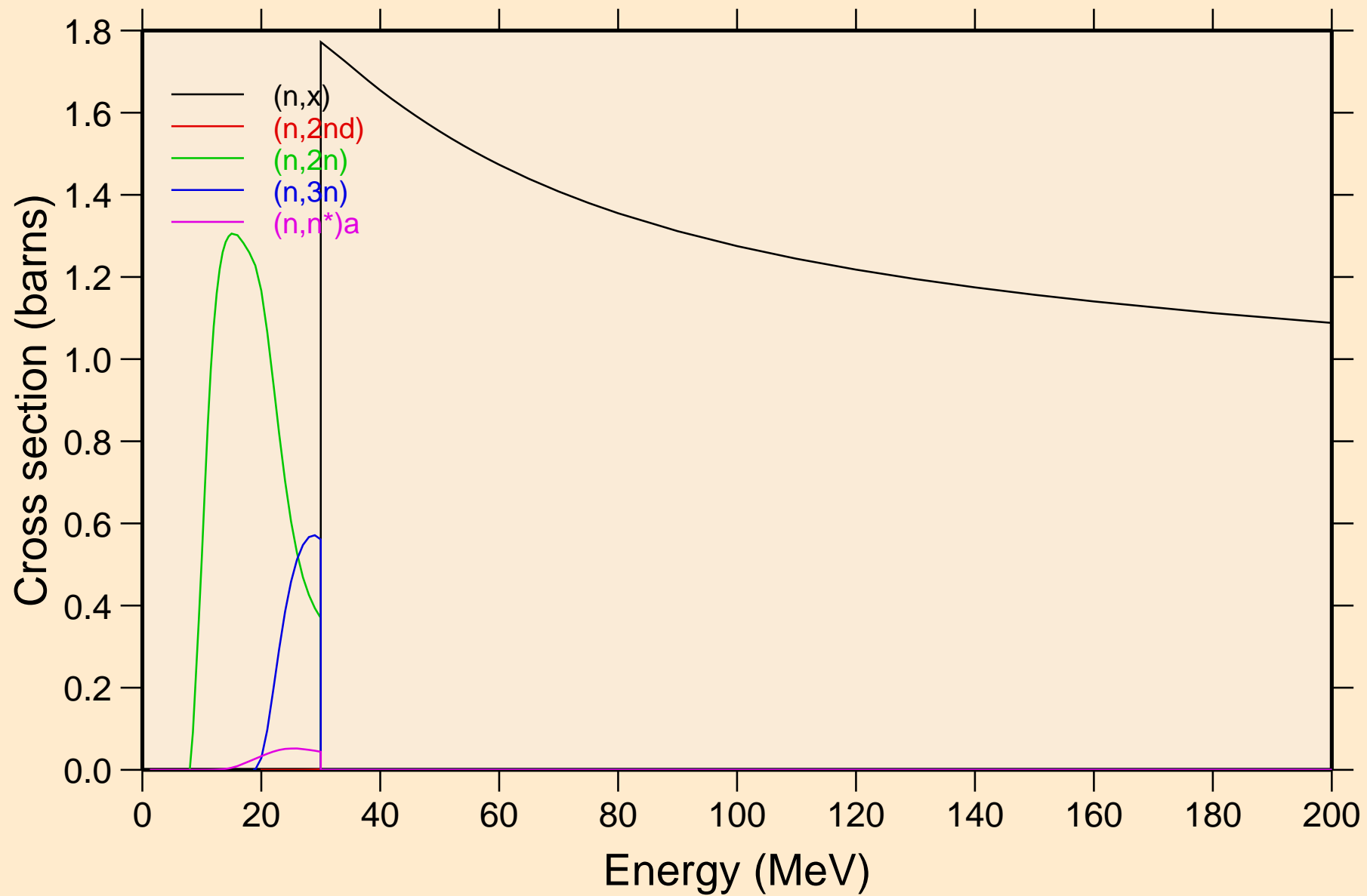
# SB116 NRG TENDL-2015, AKONING

## Inelastic levels



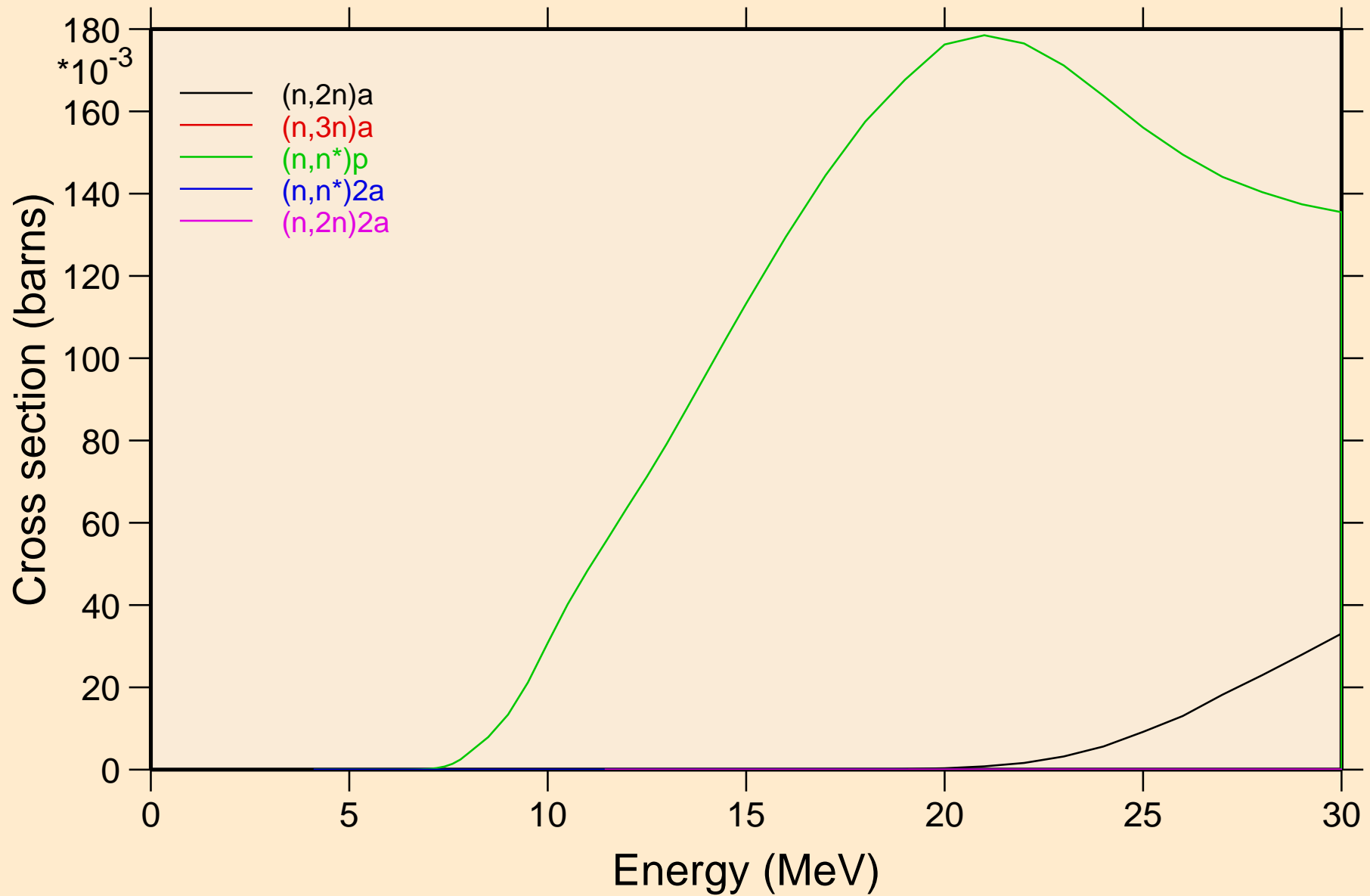
# SB116 NRG TENDL-2015, AKONING

## Threshold reactions



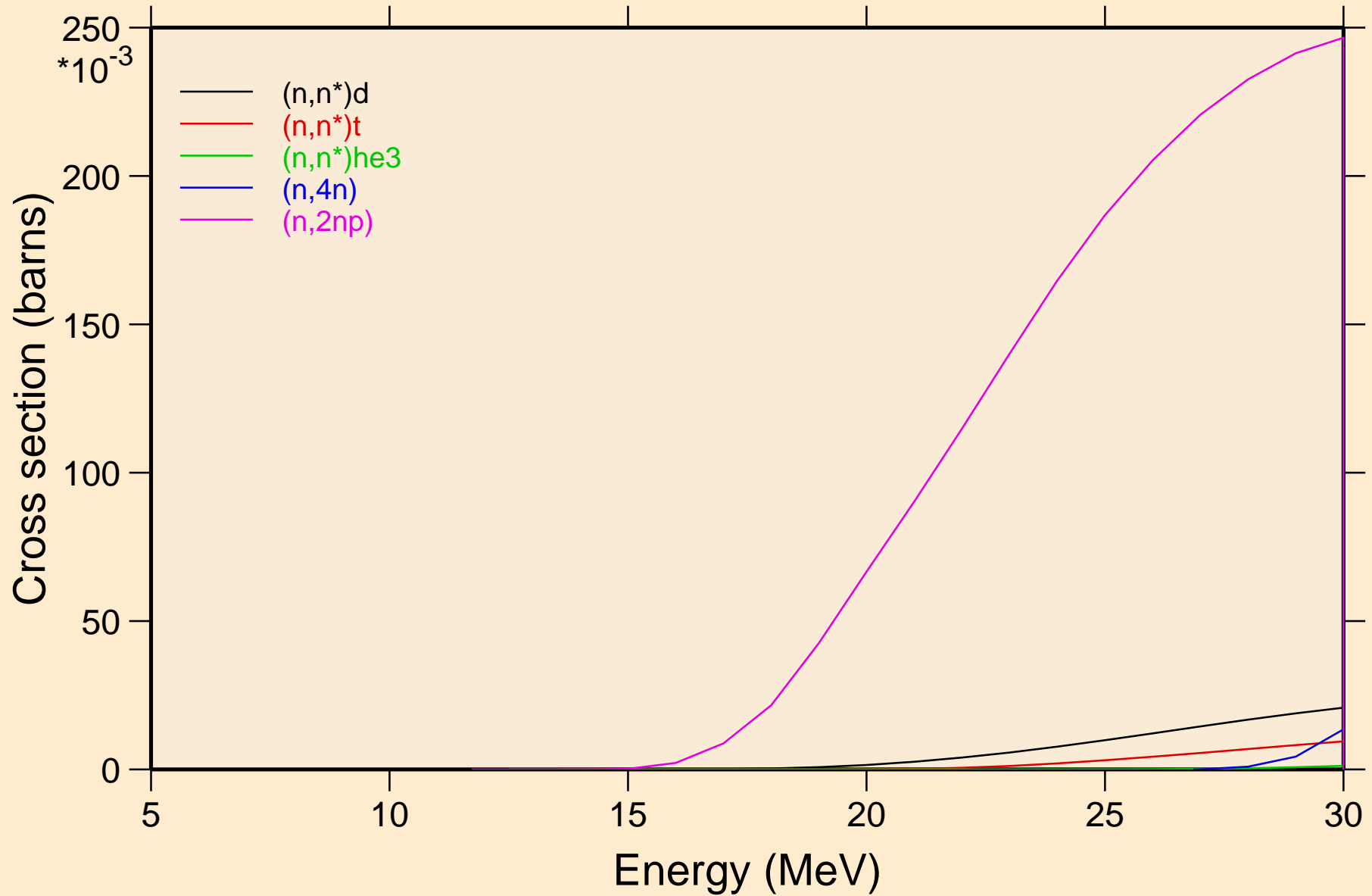
# SB116 NRG TENDL-2015, AKONING

## Threshold reactions



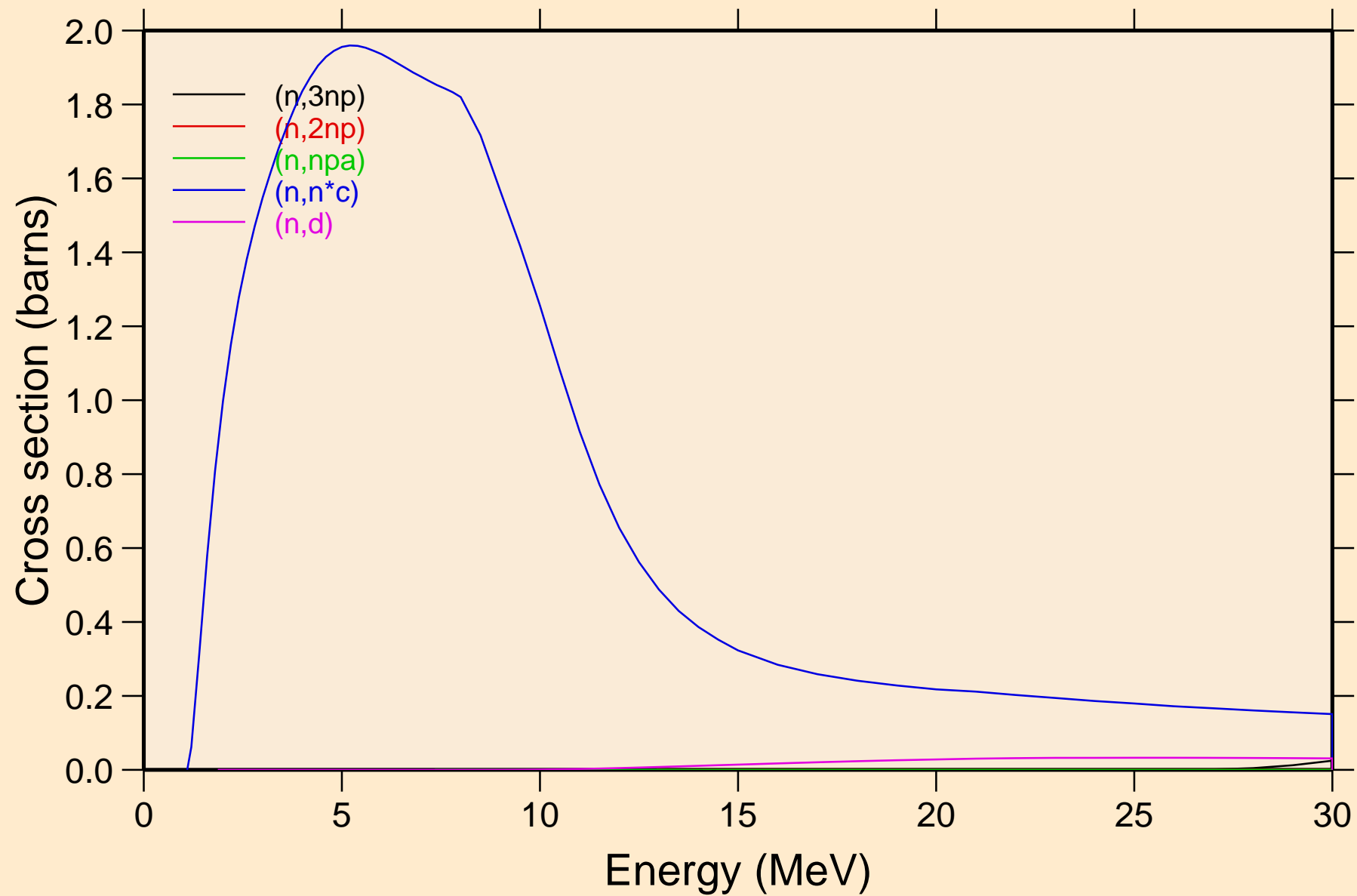
# SB116 NRG TENDL-2015, AKONING

## Threshold reactions



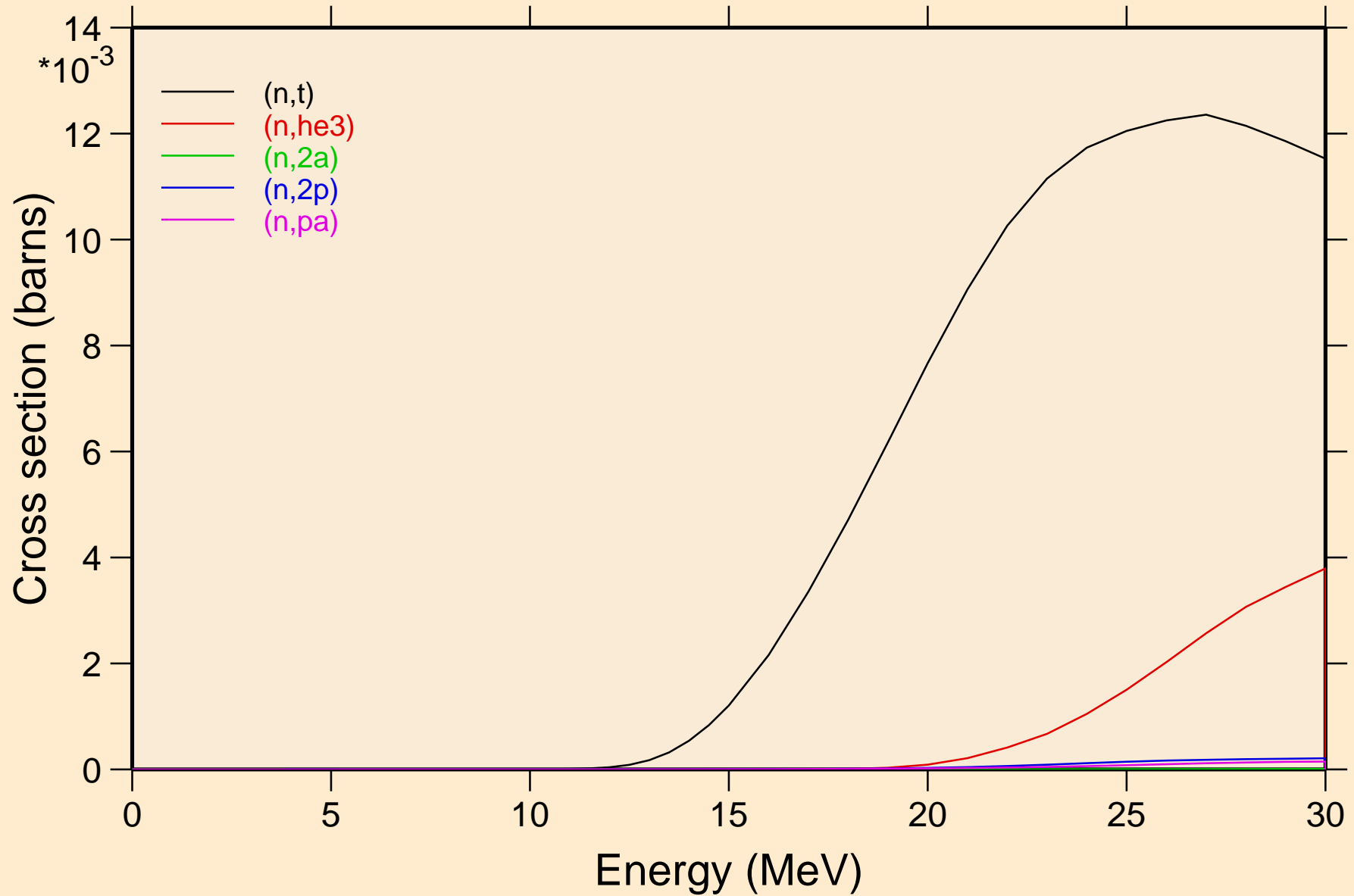
# SB116 NRG TENDL-2015, AKONING

## Threshold reactions



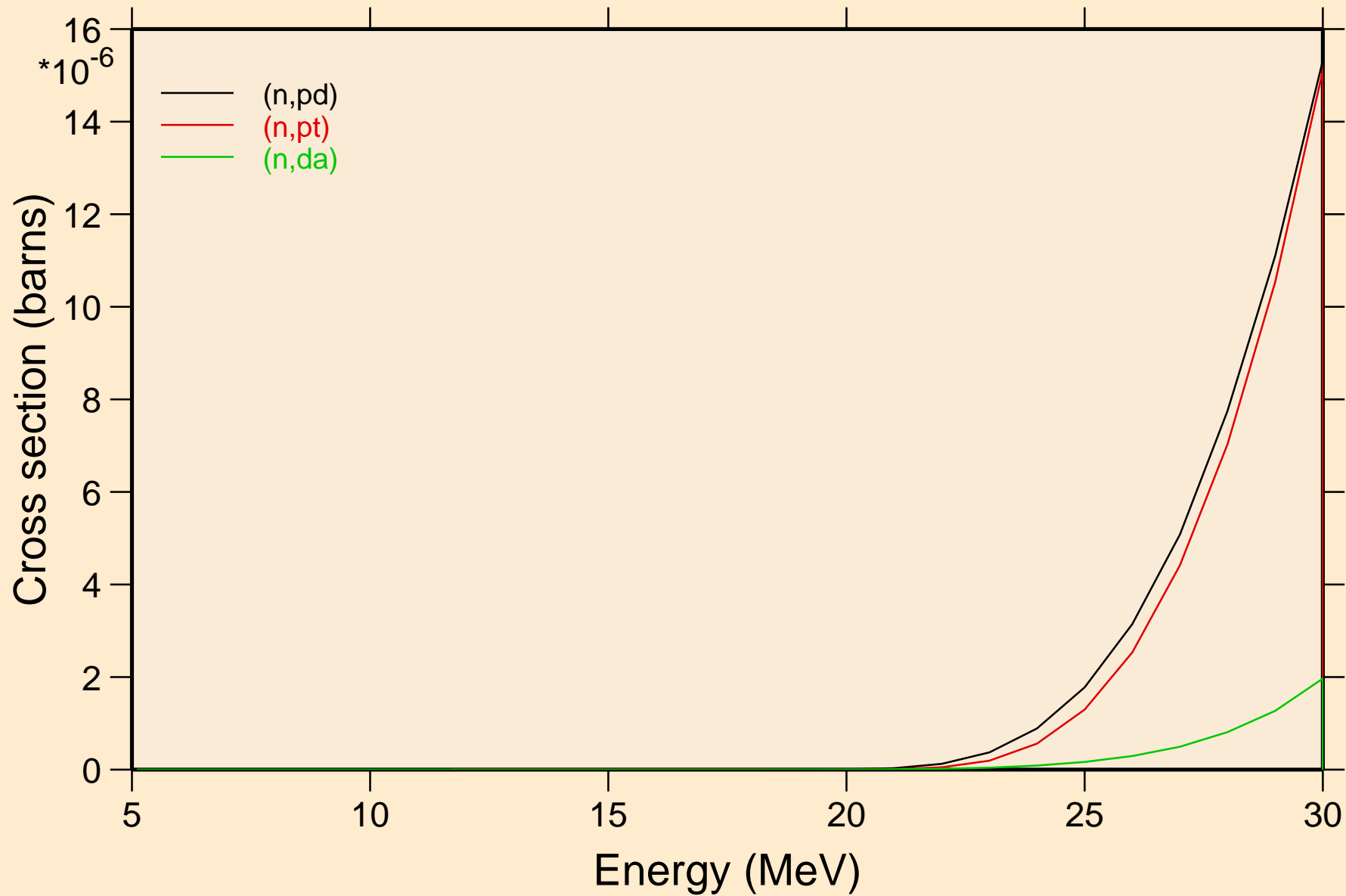
# SB116 NRG TENDL-2015, AKONING

## Threshold reactions



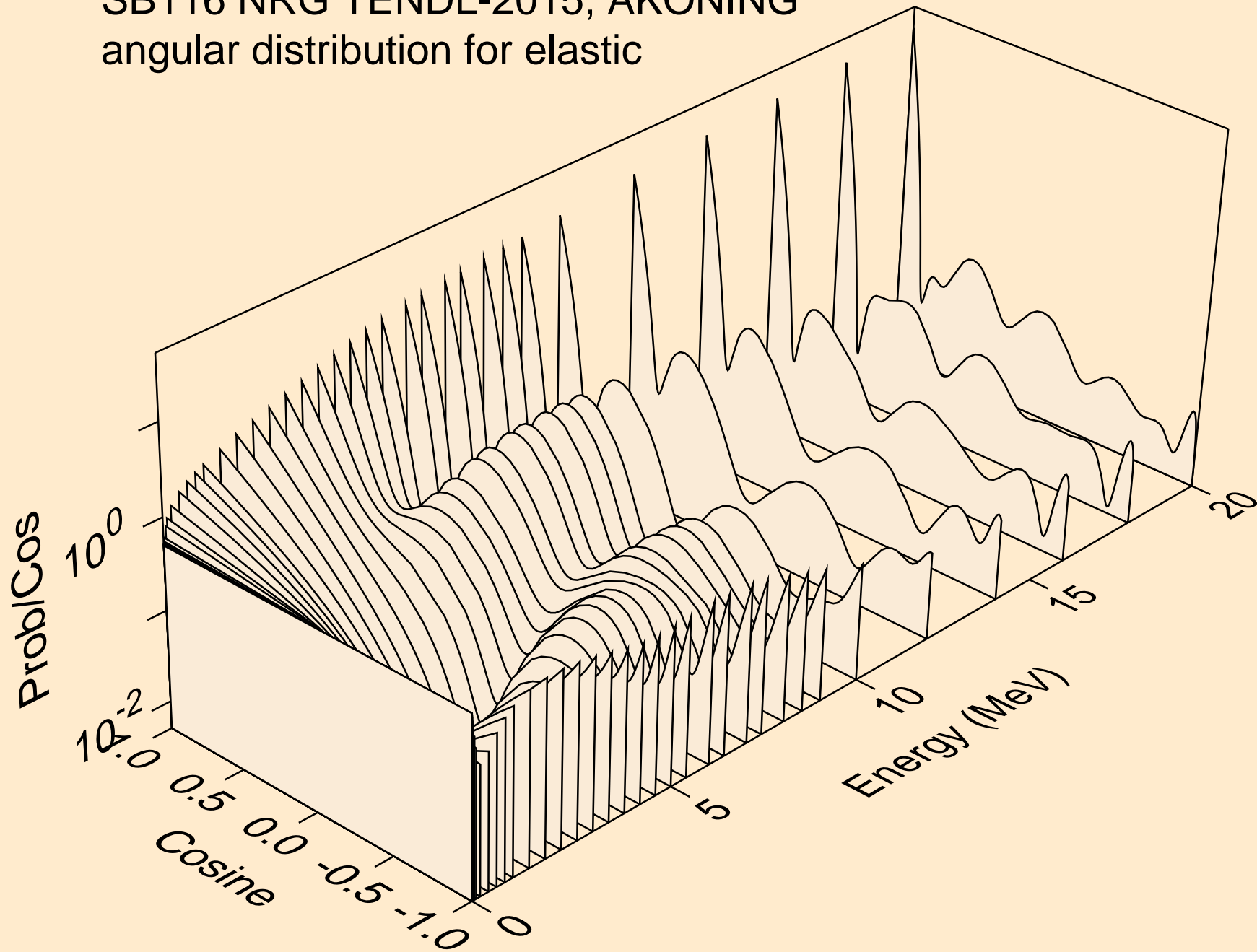
# SB116 NRG TENDL-2015, AKONING

## Threshold reactions

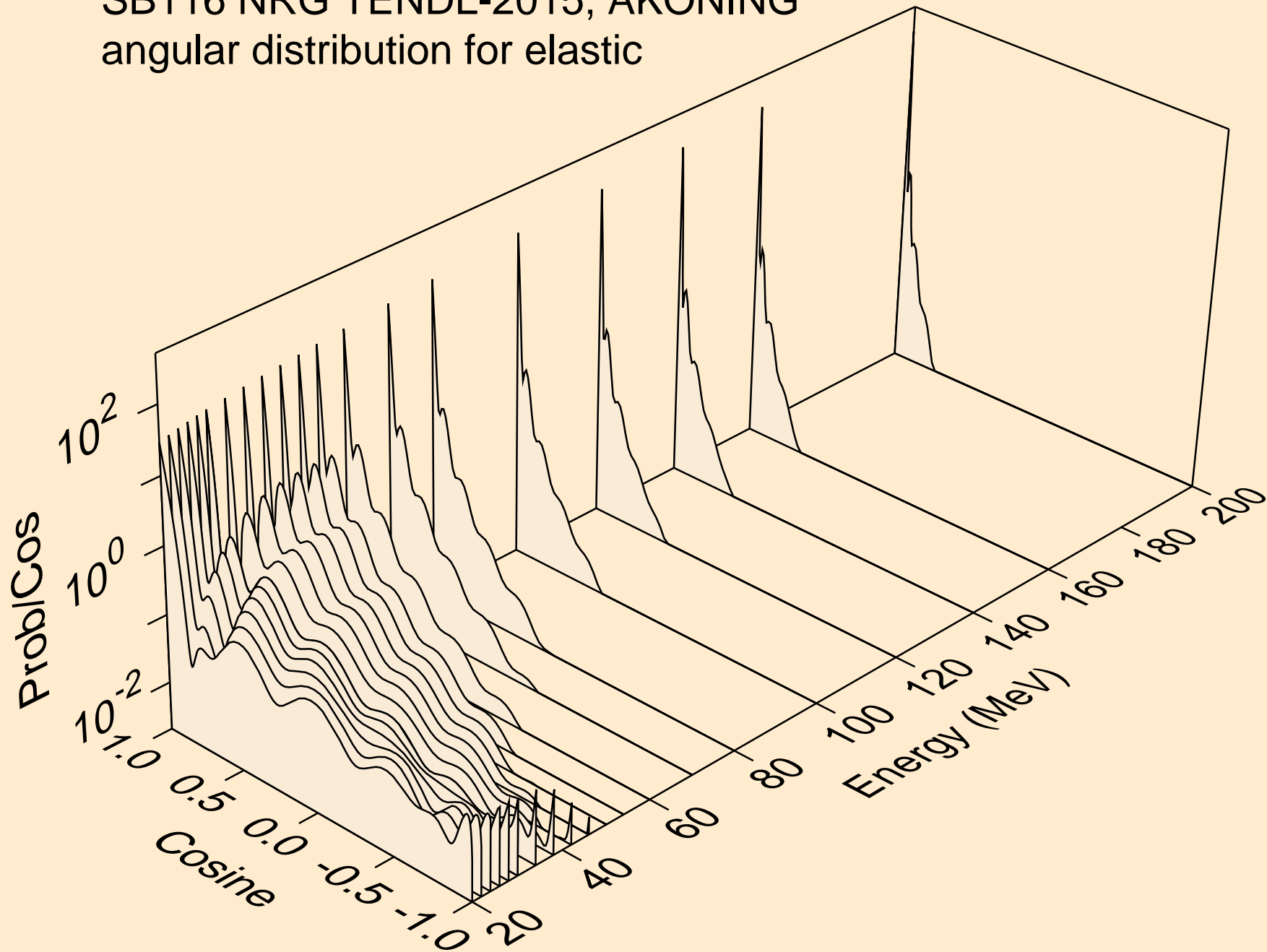




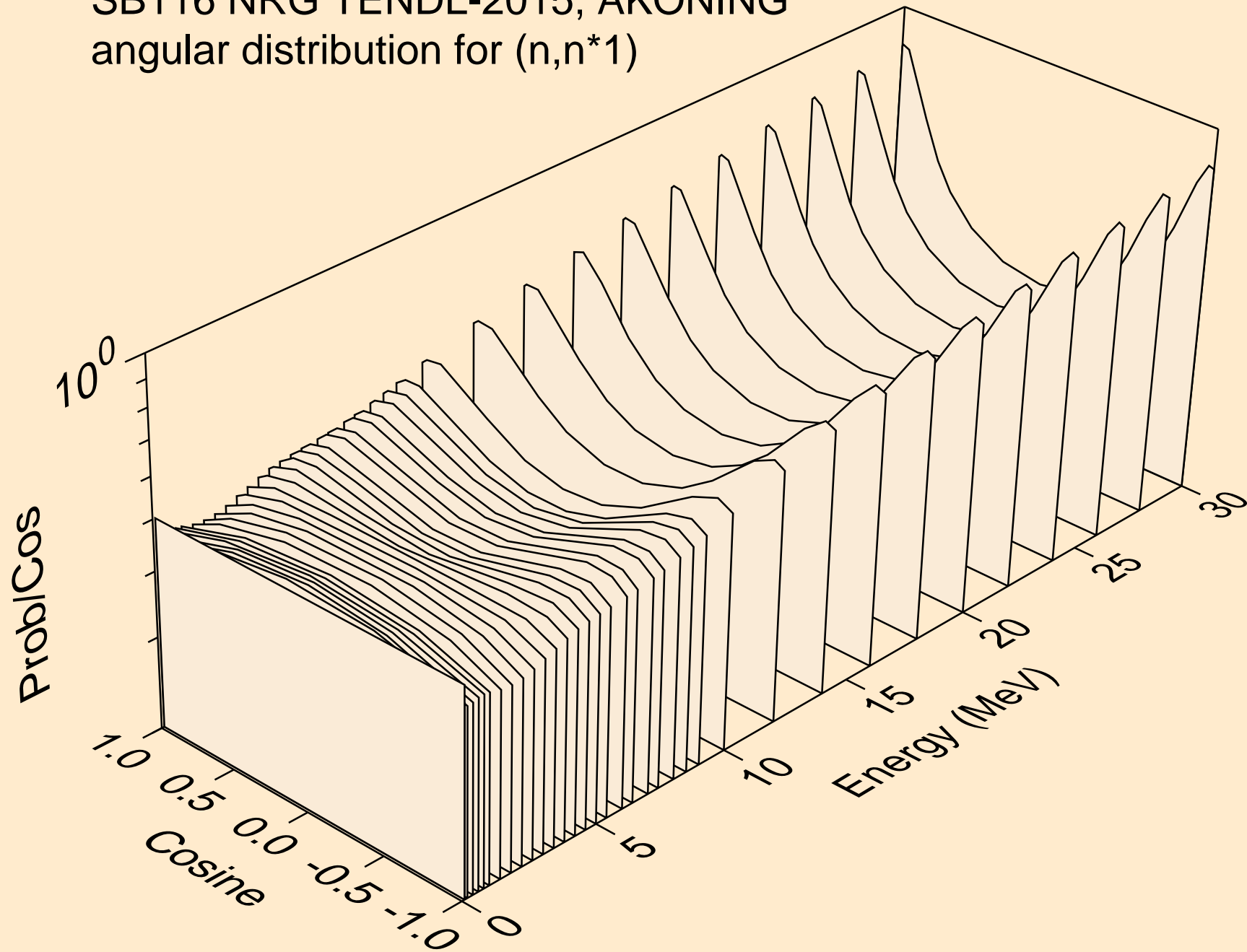
SB116 NRG TENDL-2015, AKONING  
angular distribution for elastic



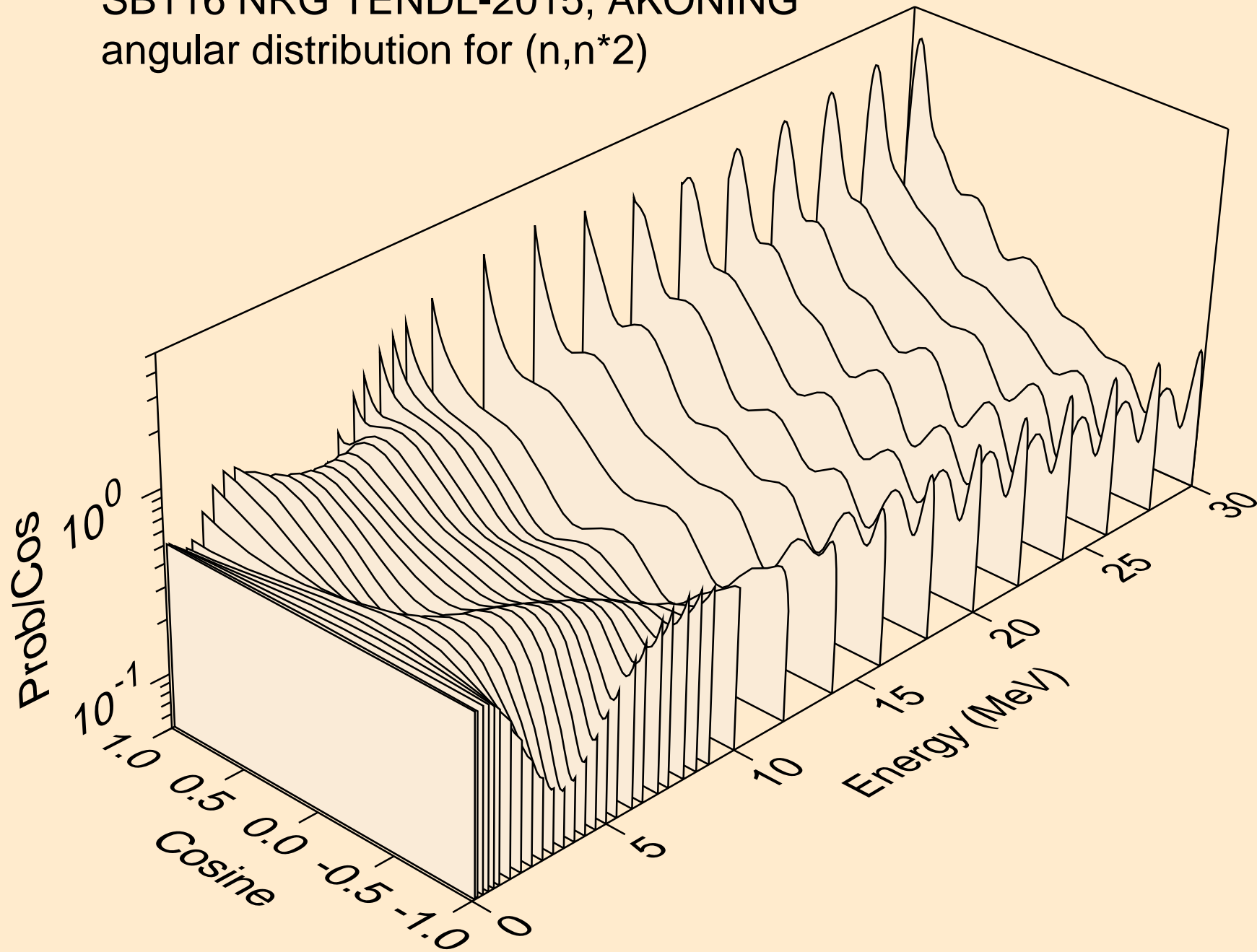
SB116 NRG TENDL-2015, AKONING  
angular distribution for elastic



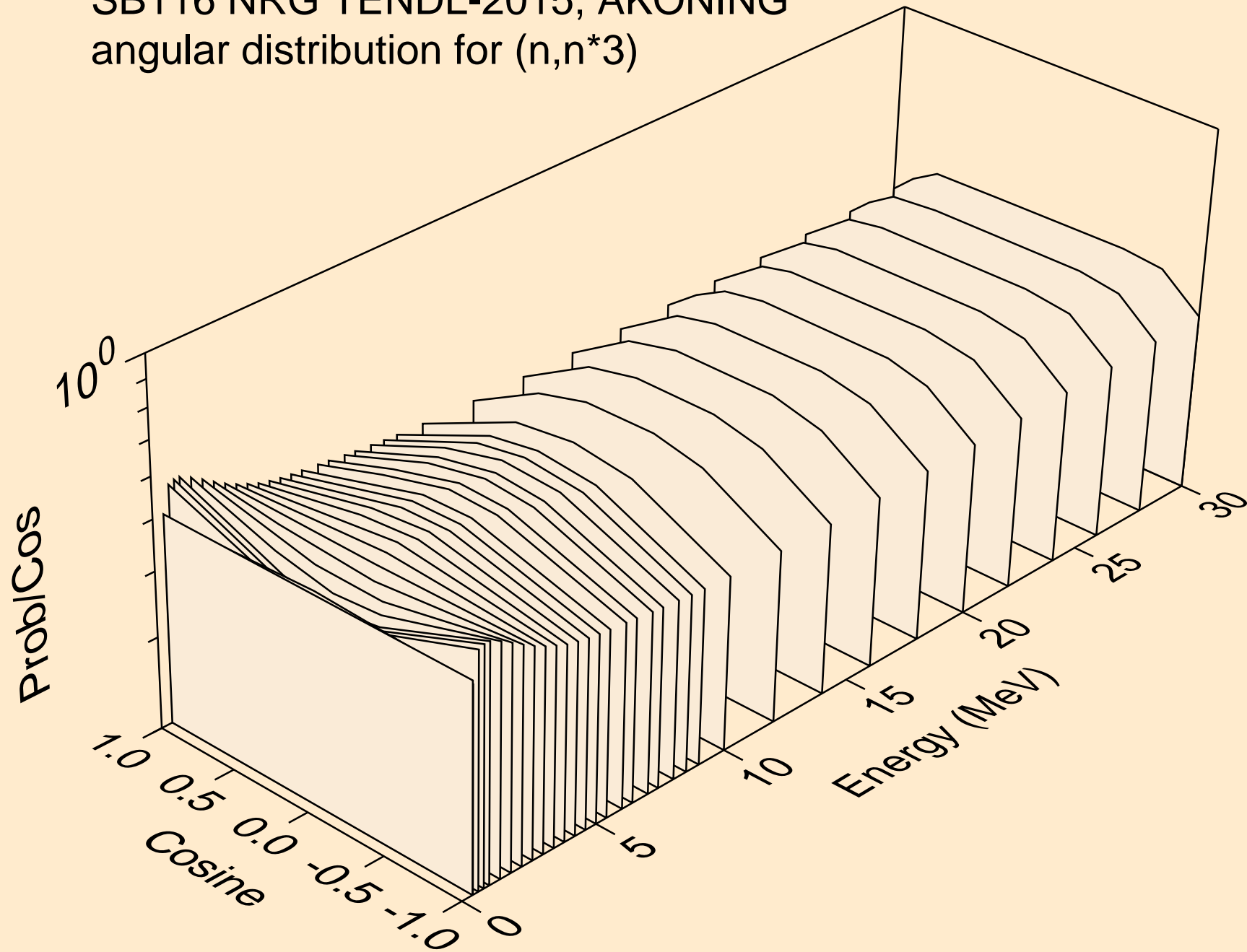
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



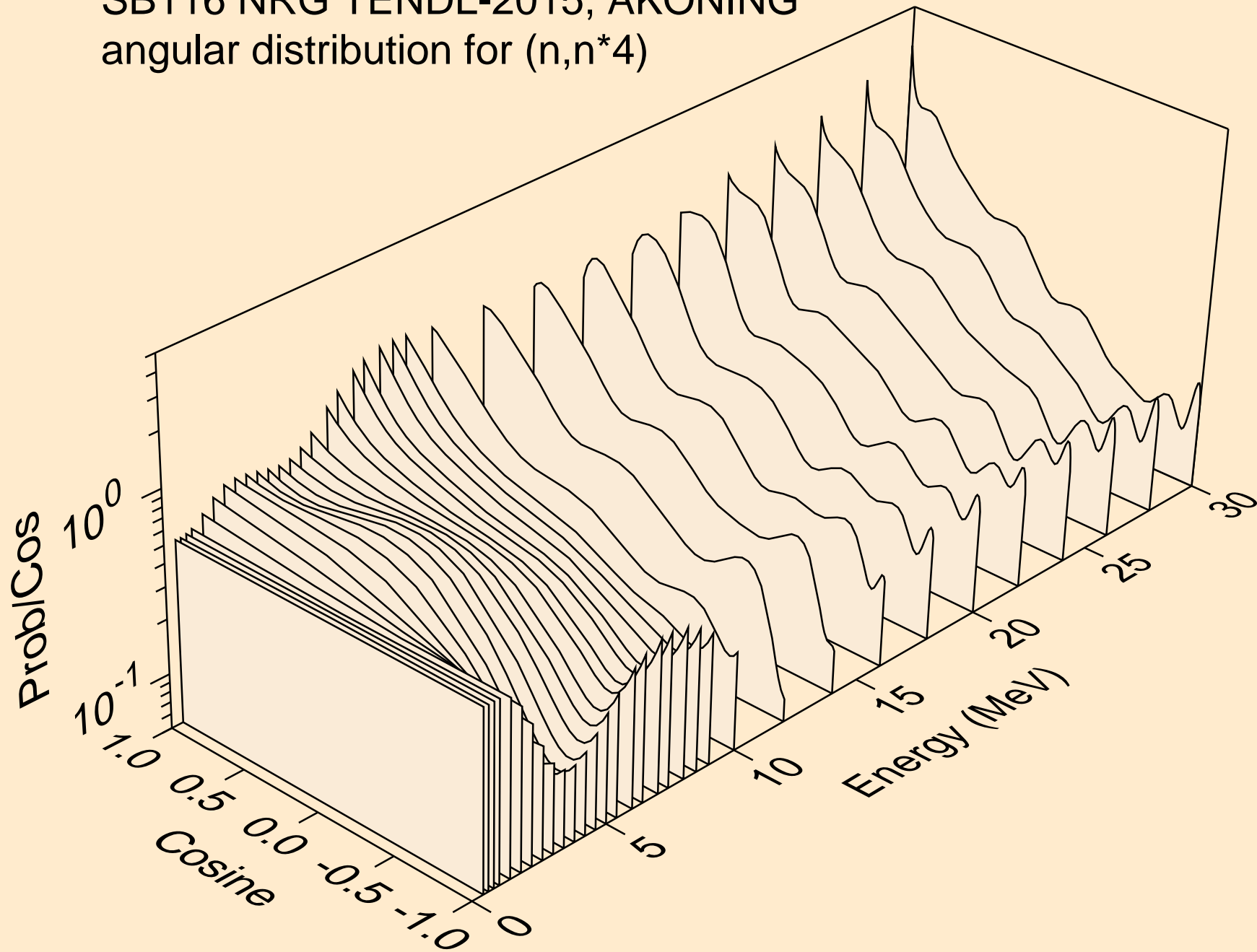
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



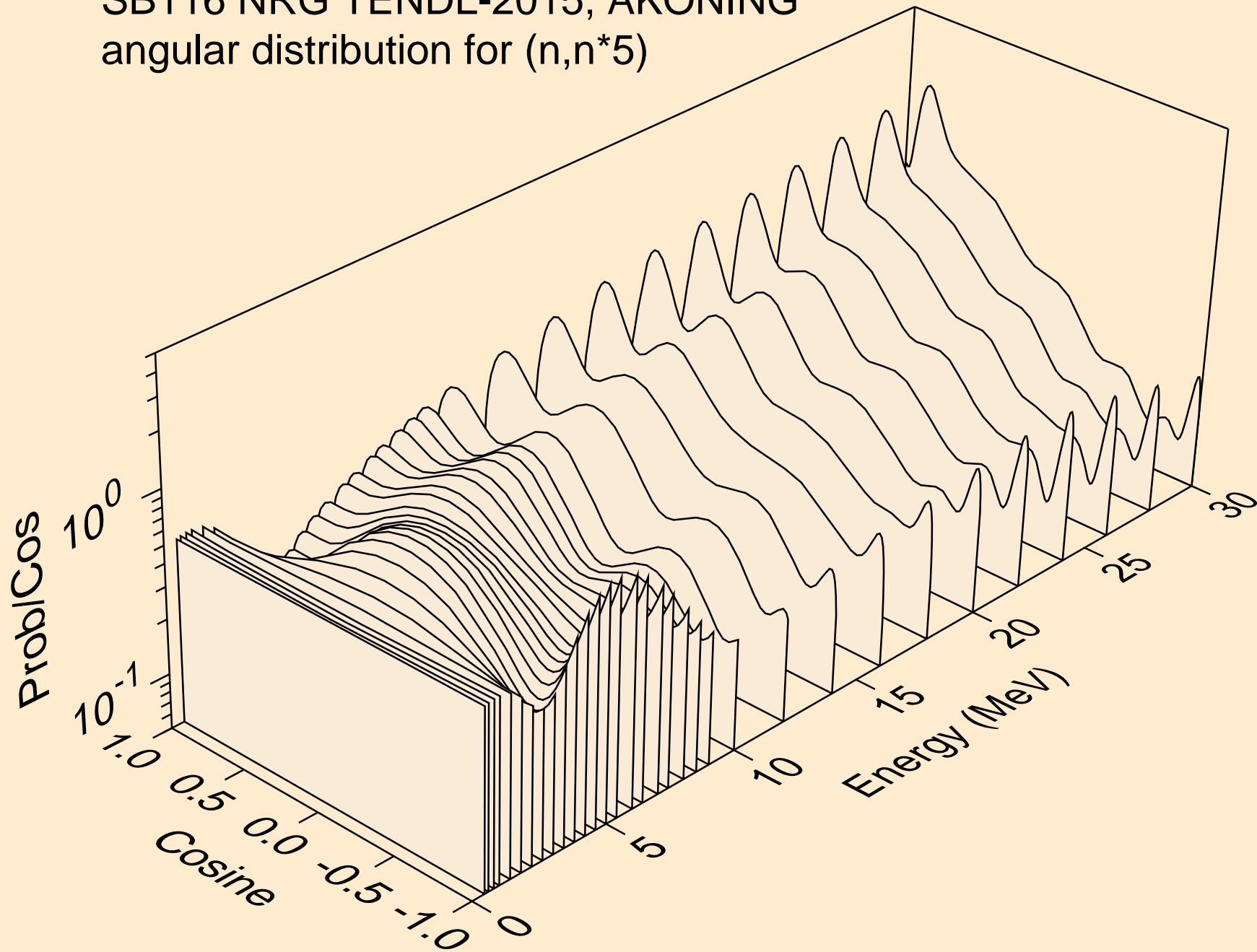
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



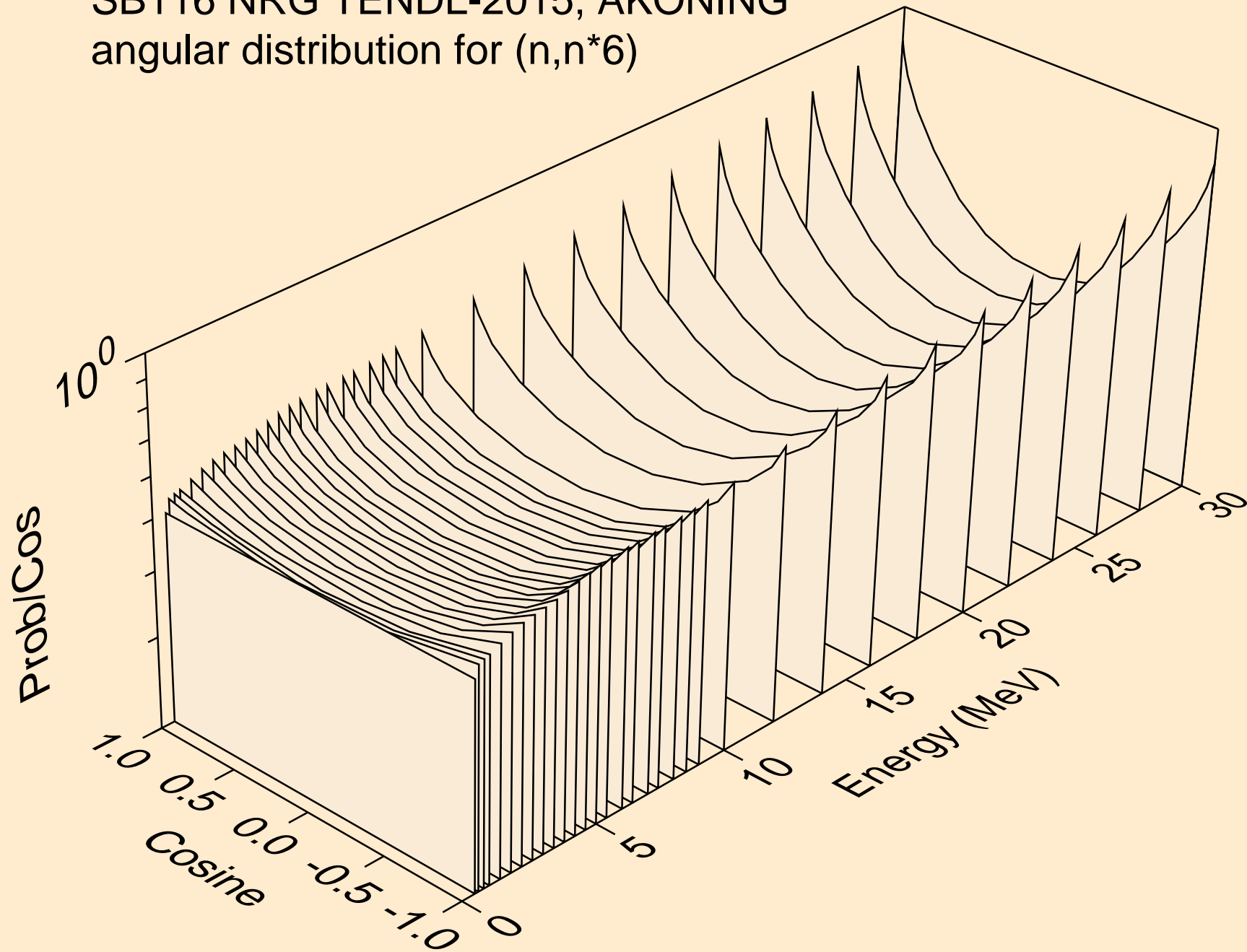
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

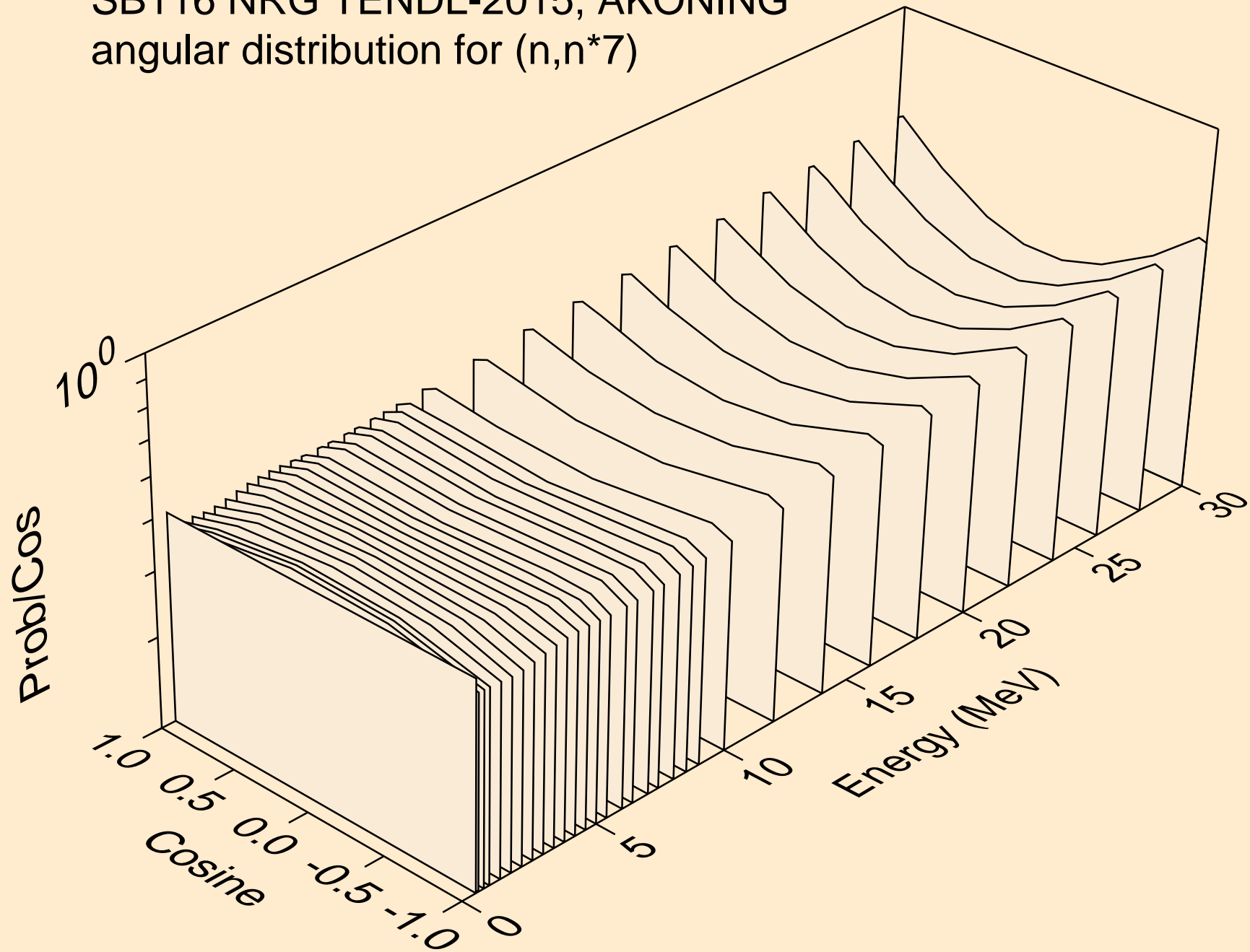


SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

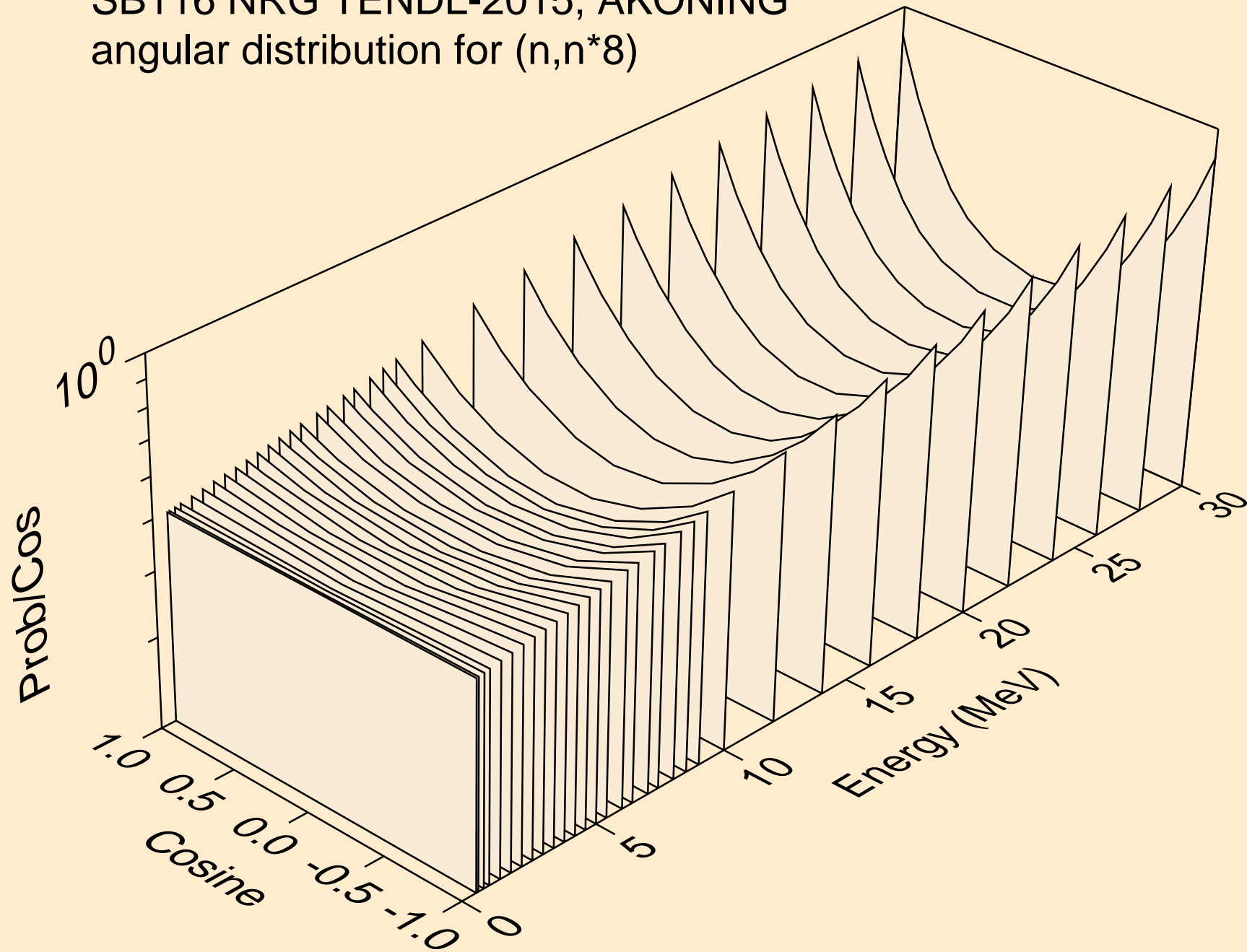




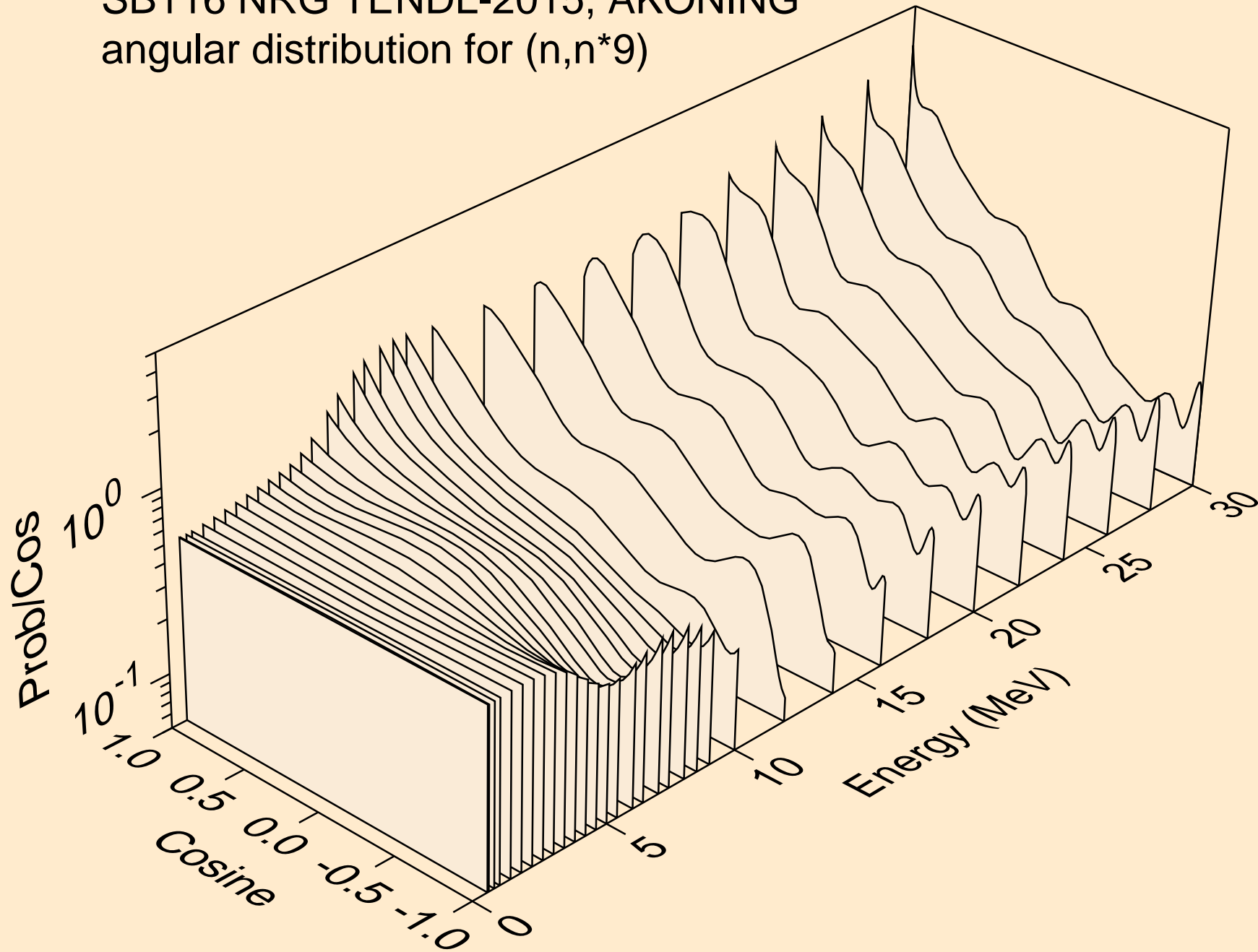
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



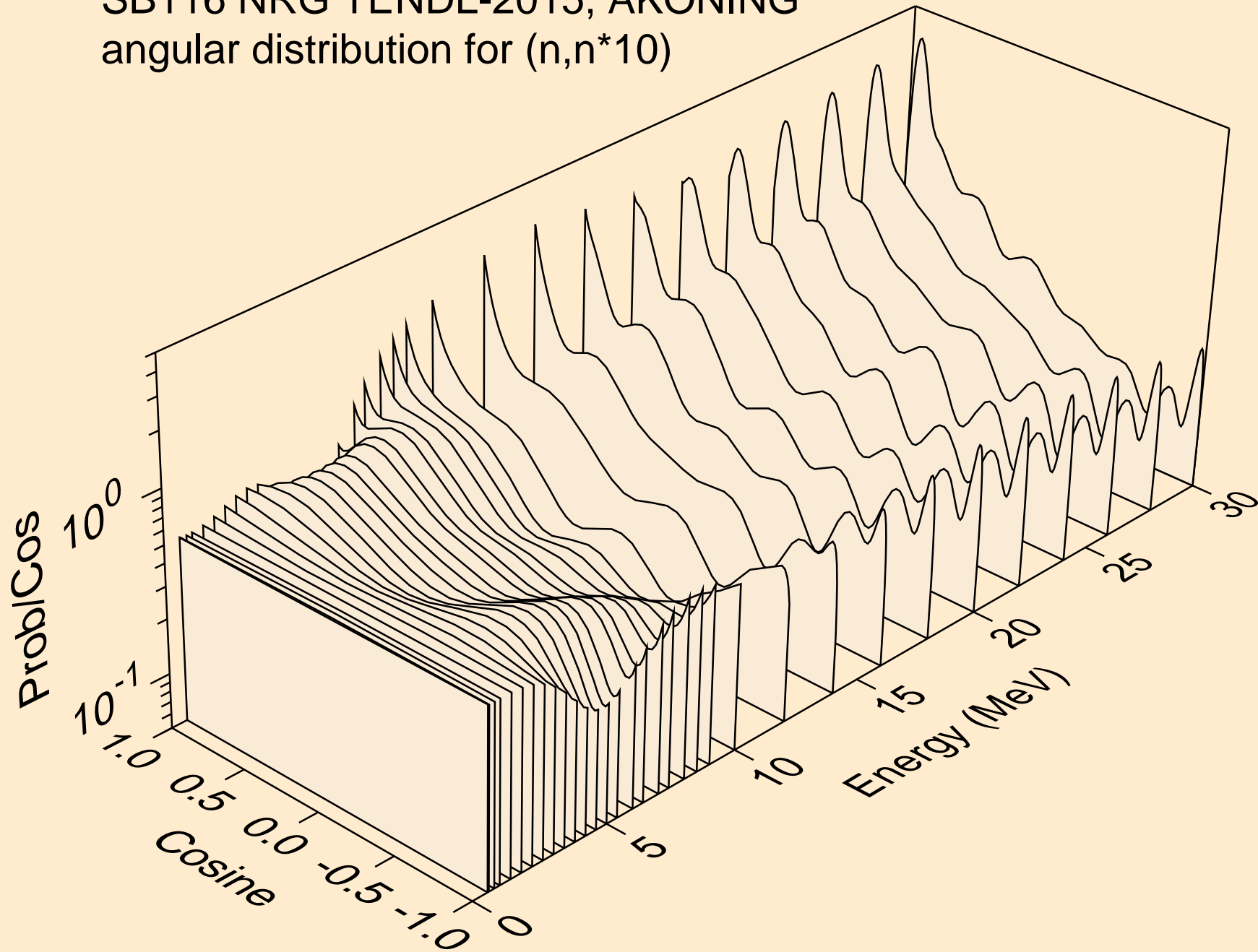
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



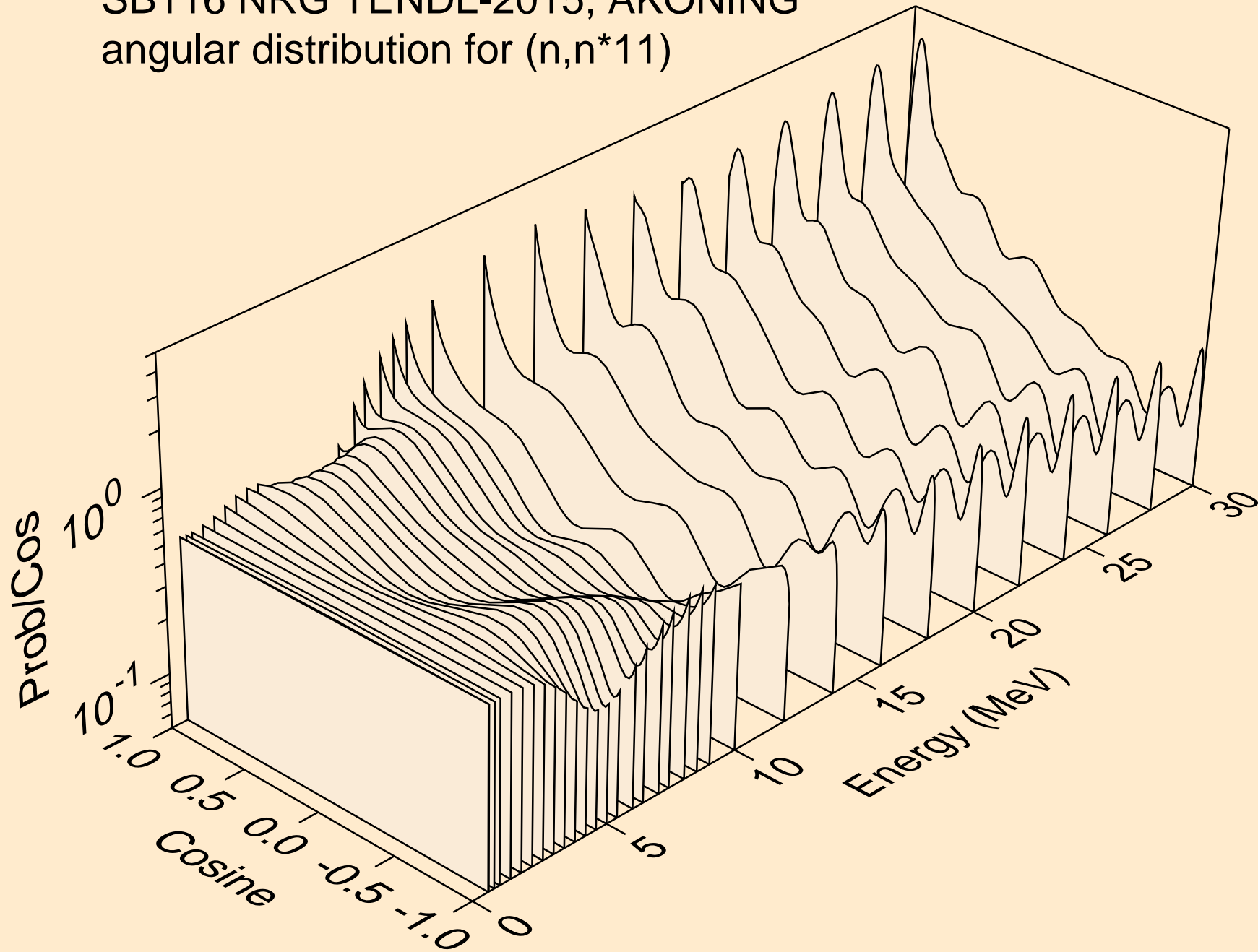
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



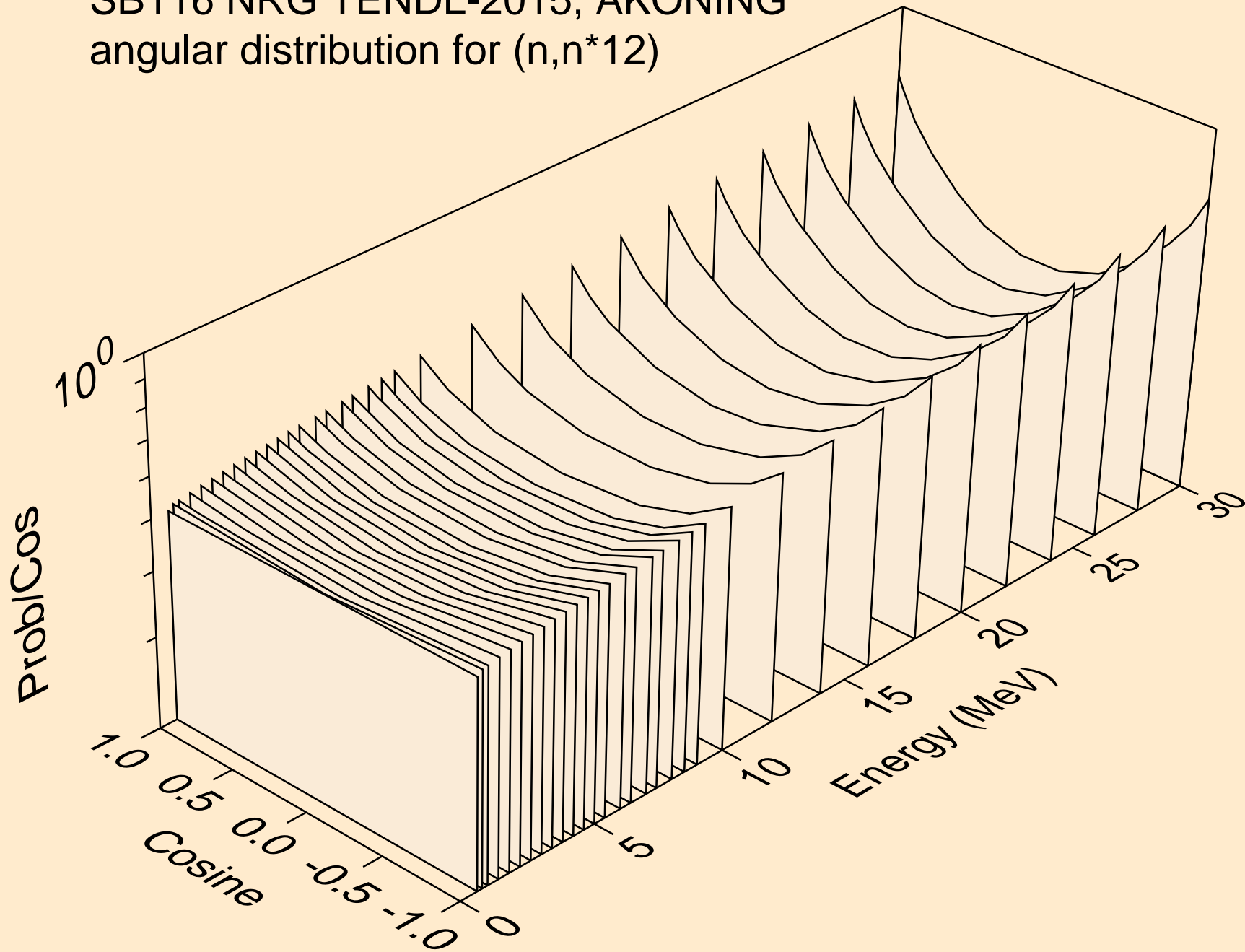
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



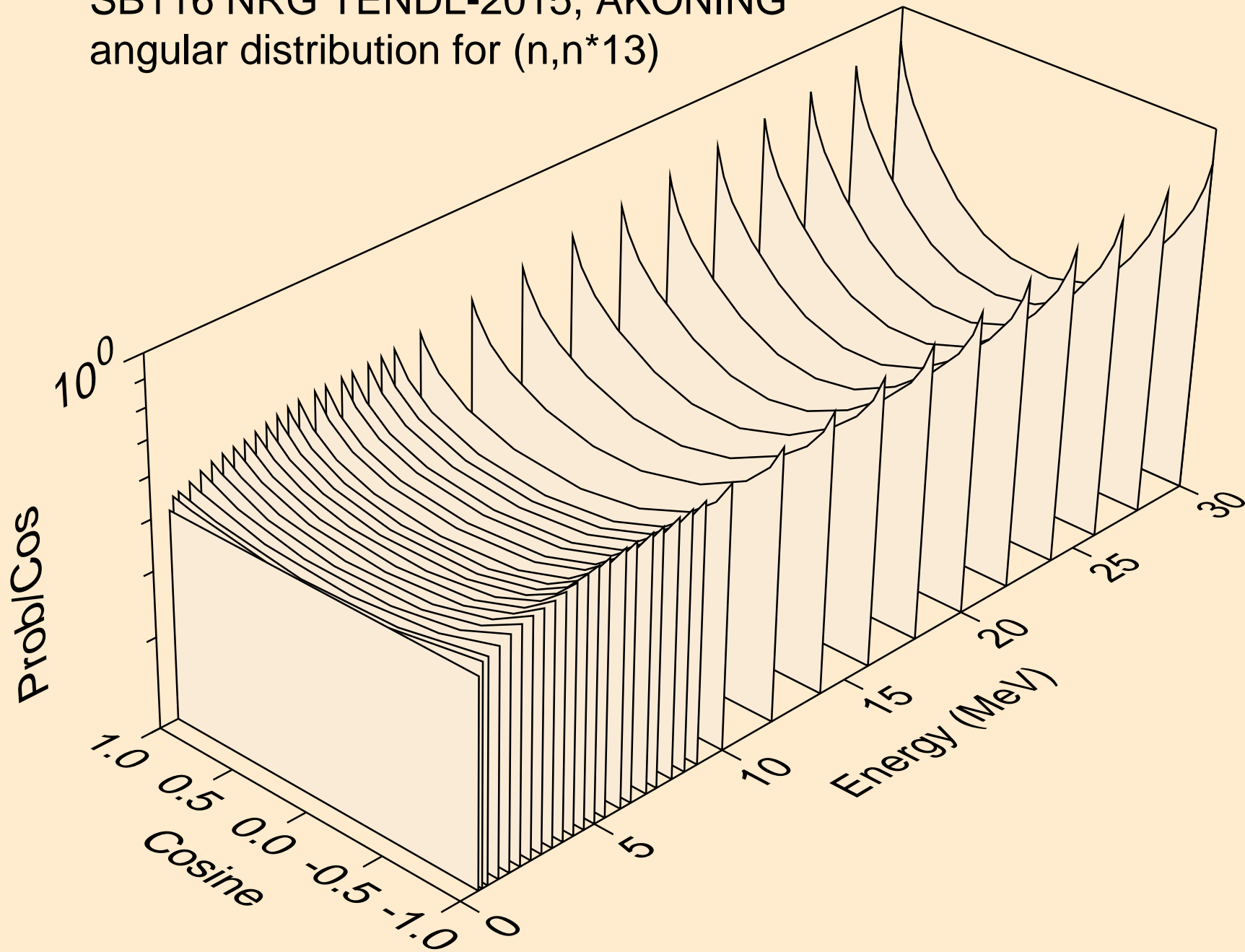
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



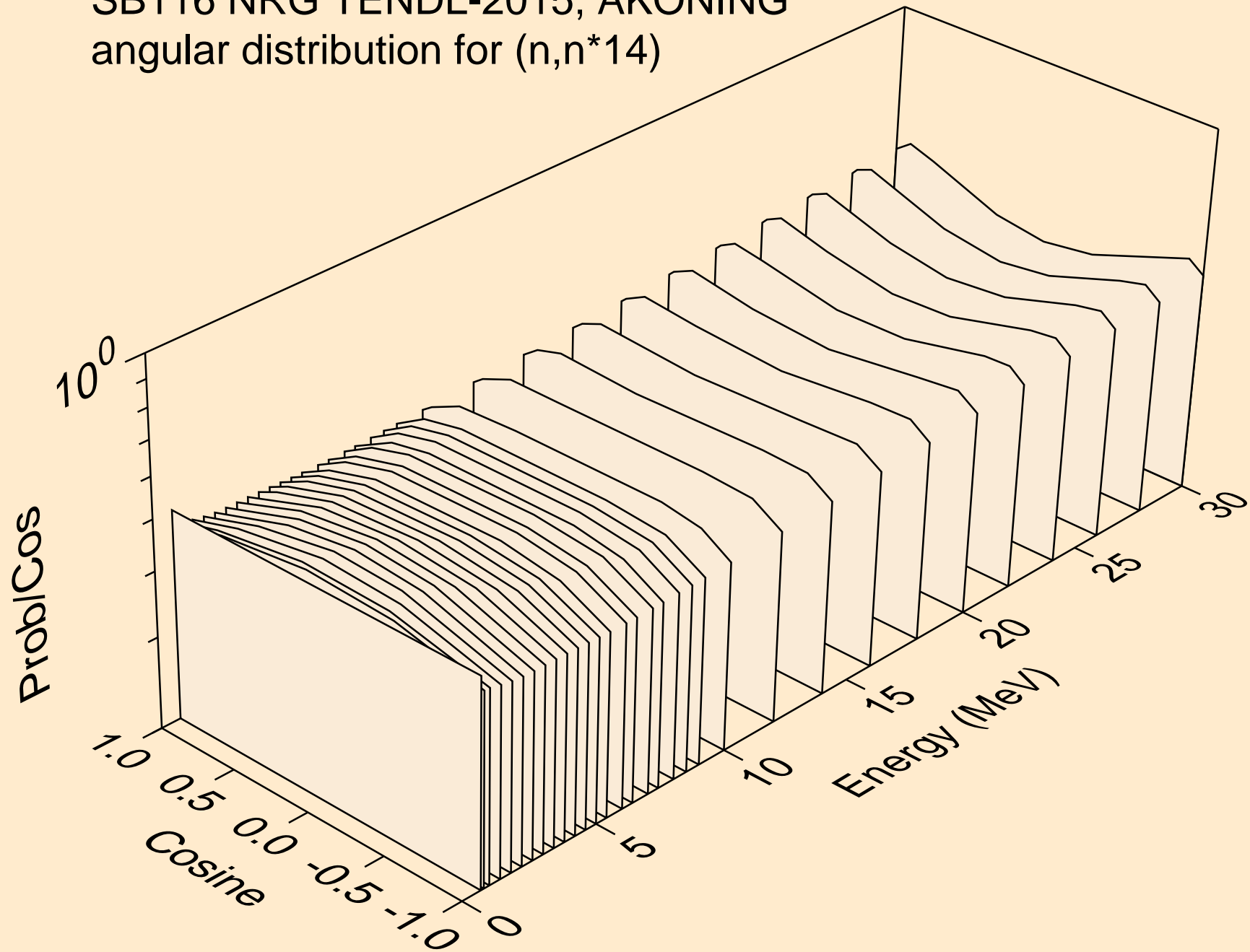
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

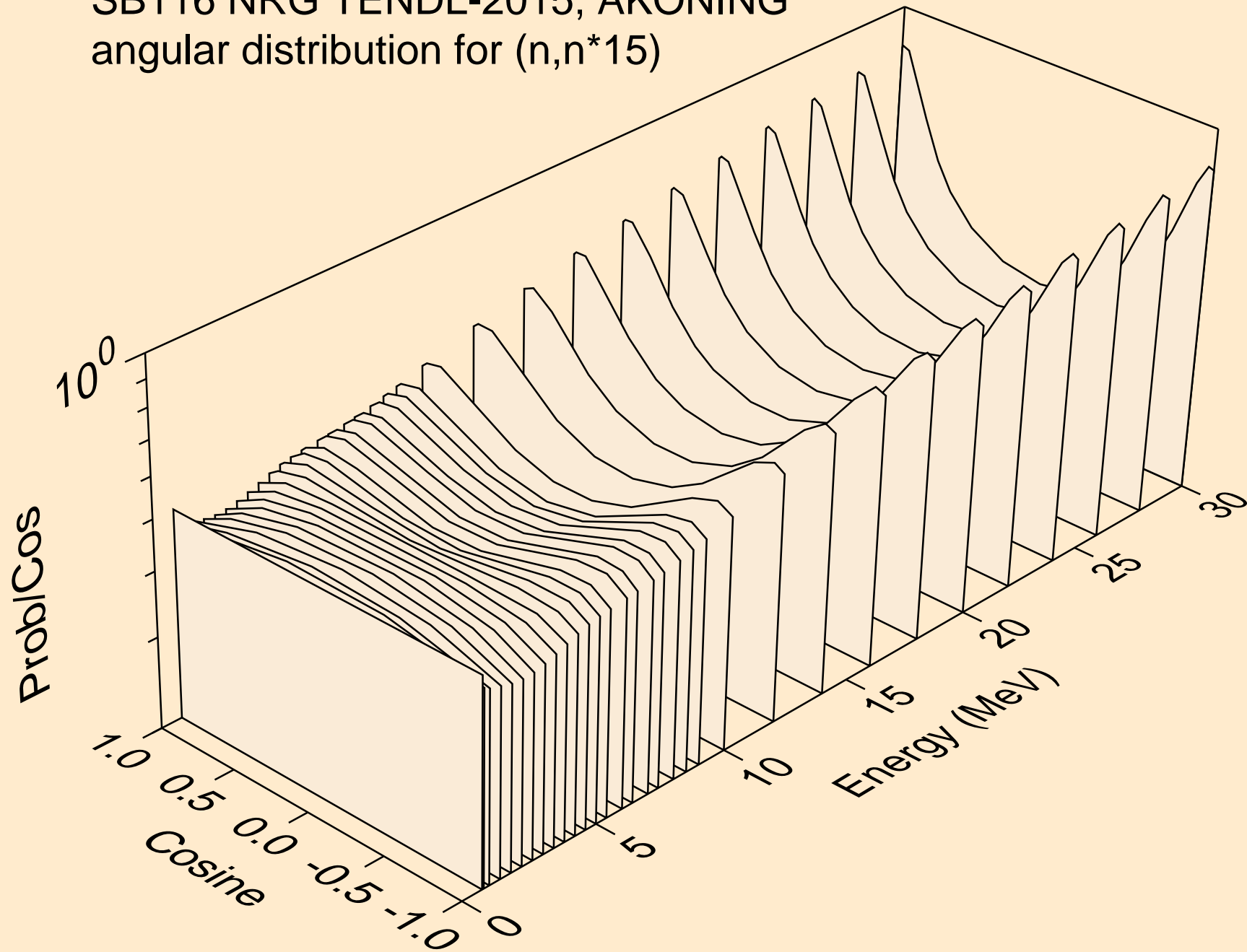


SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

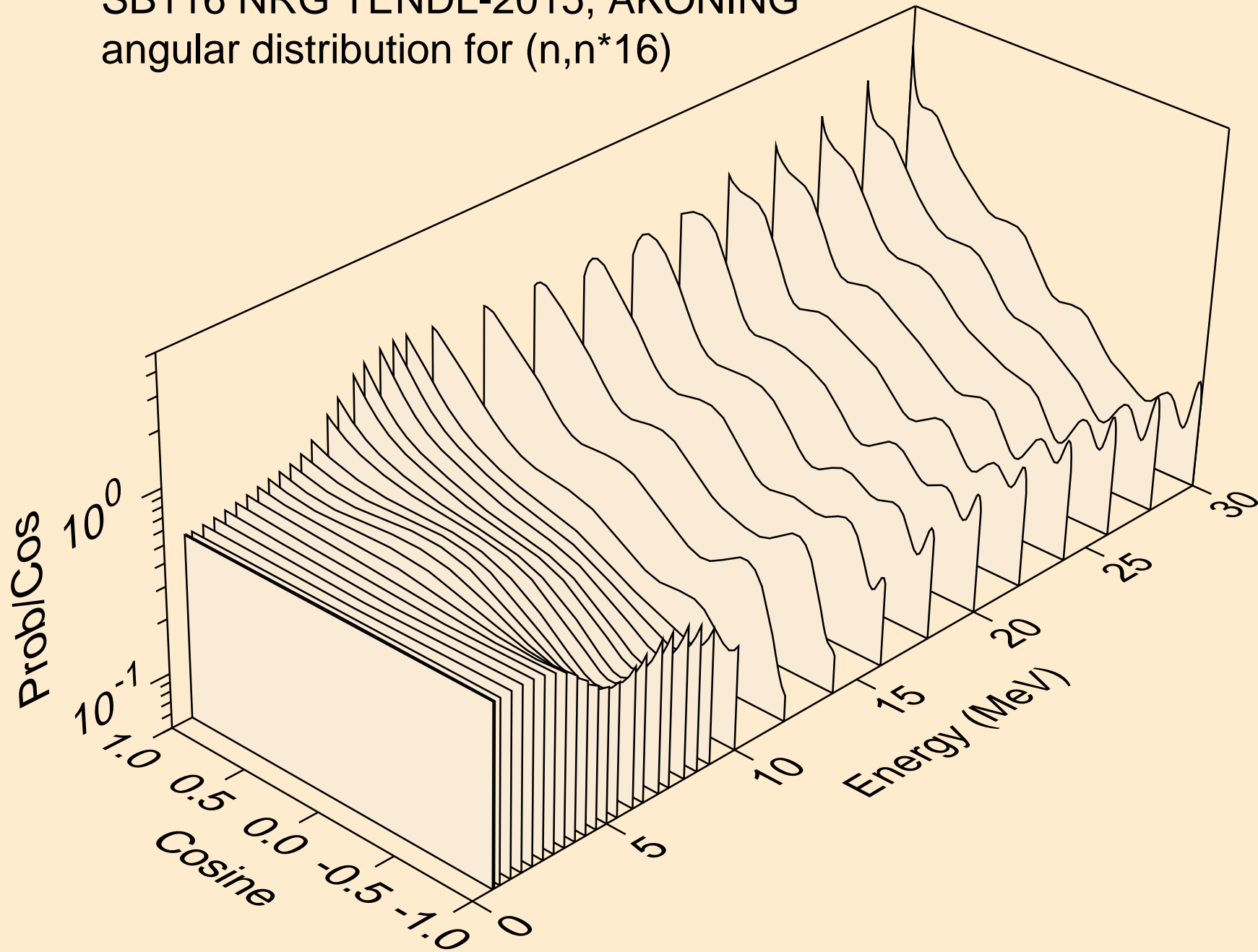




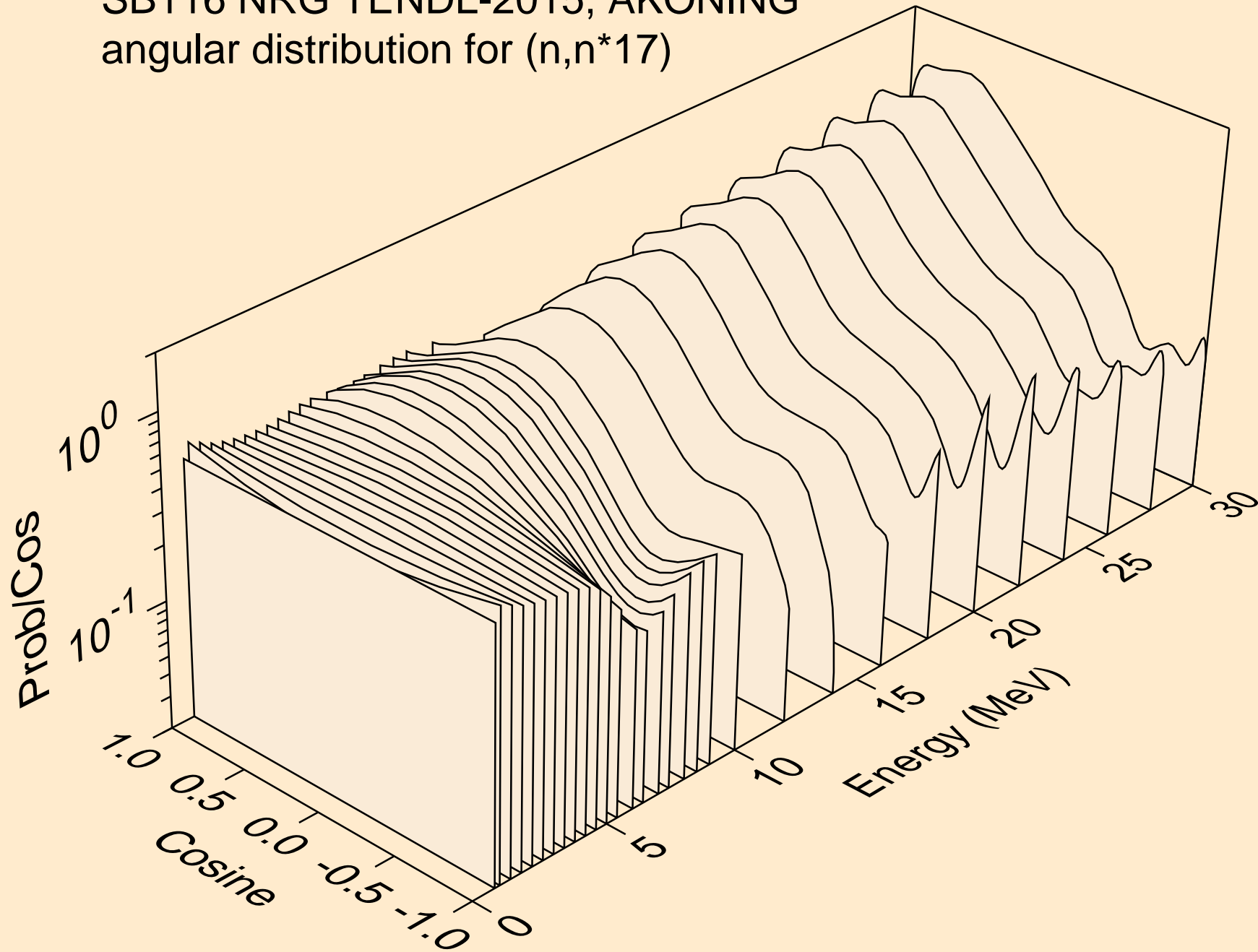
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



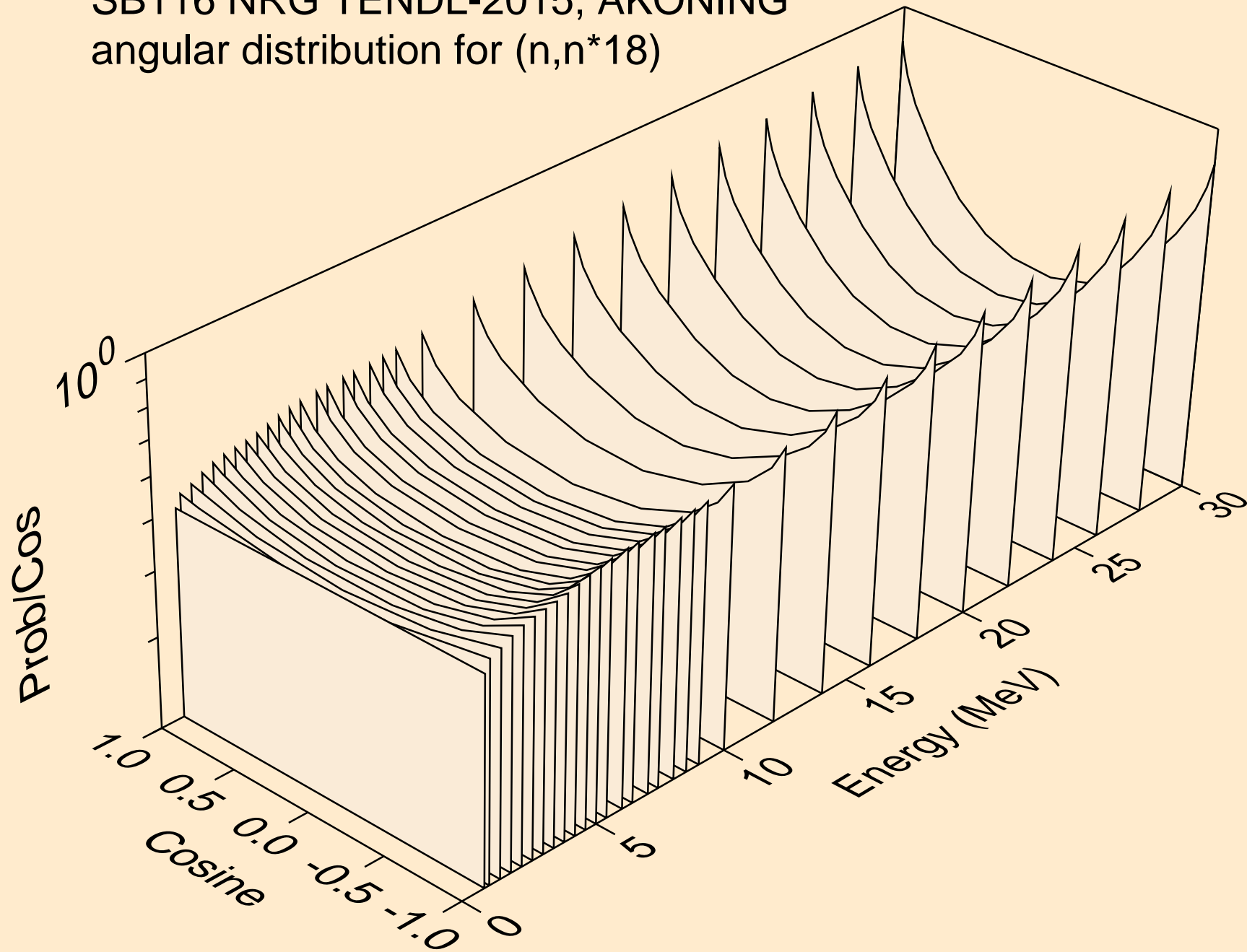
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



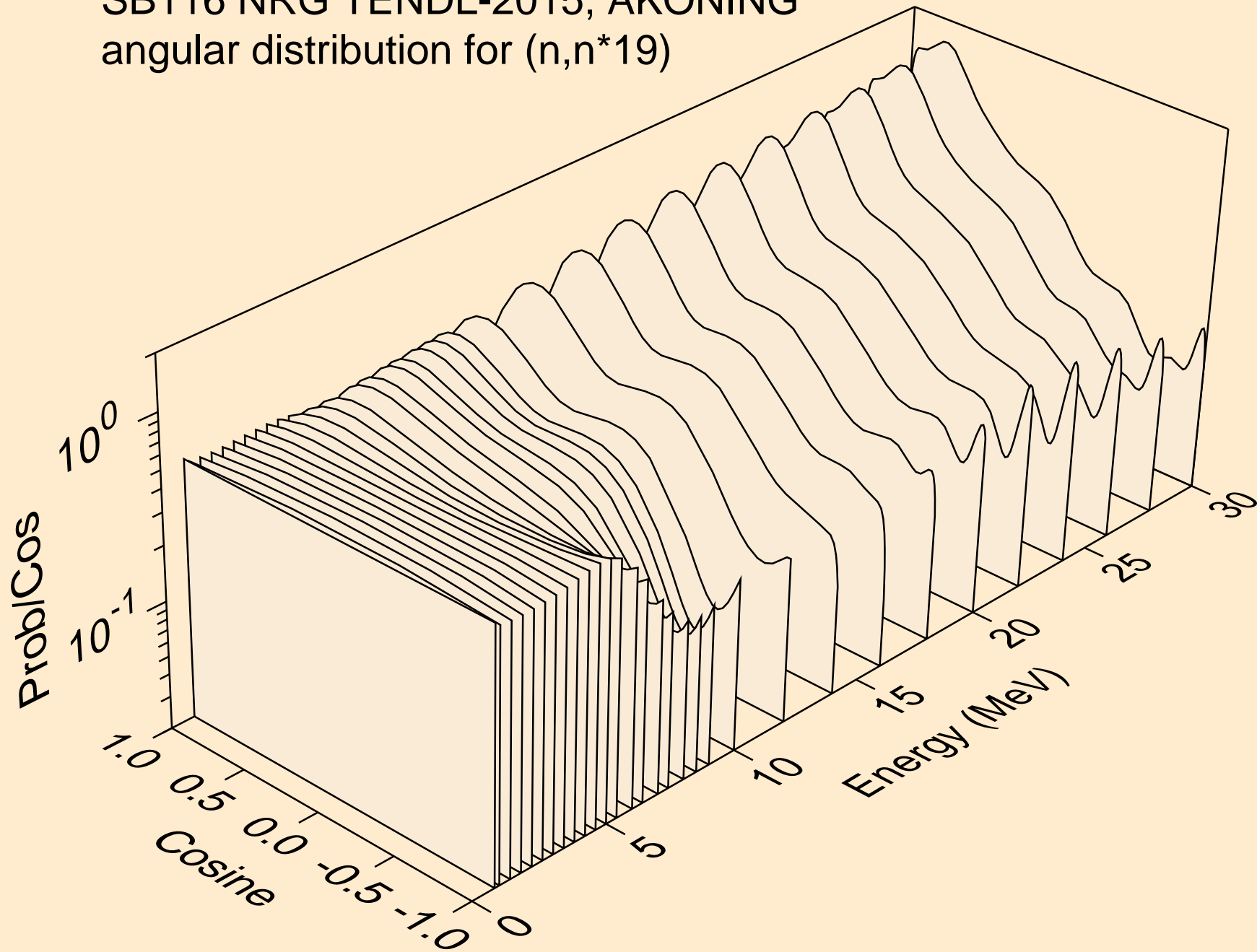
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



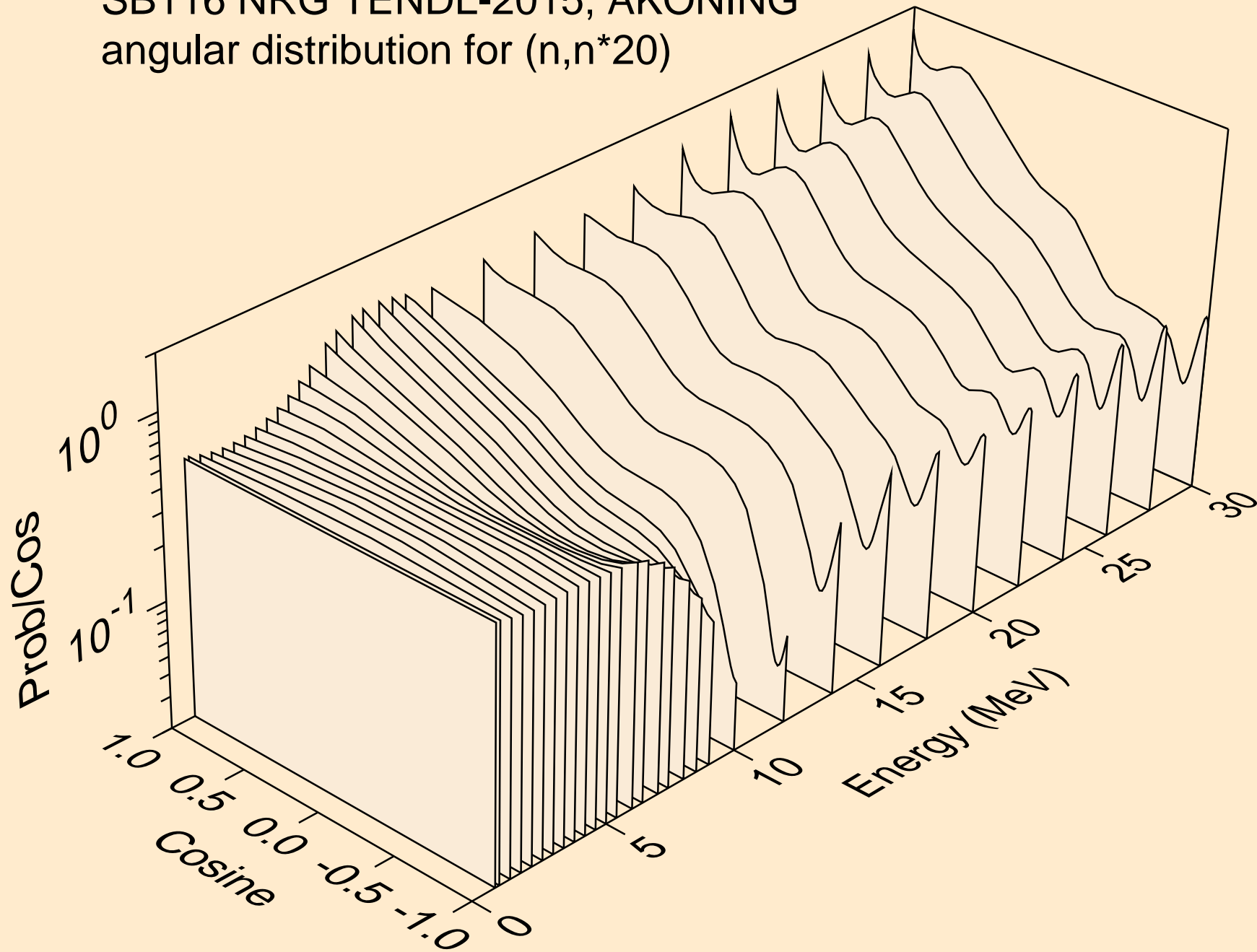
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



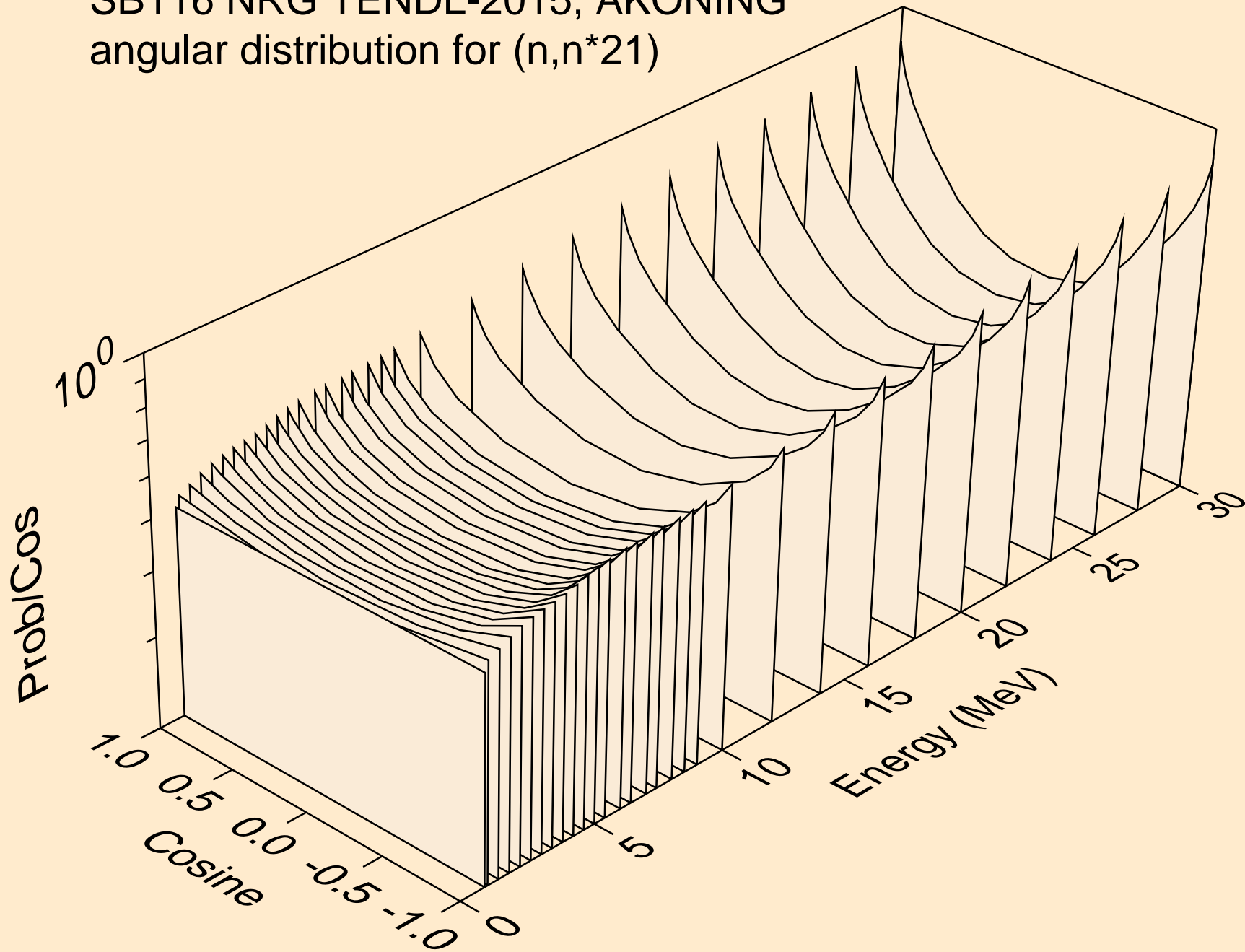
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



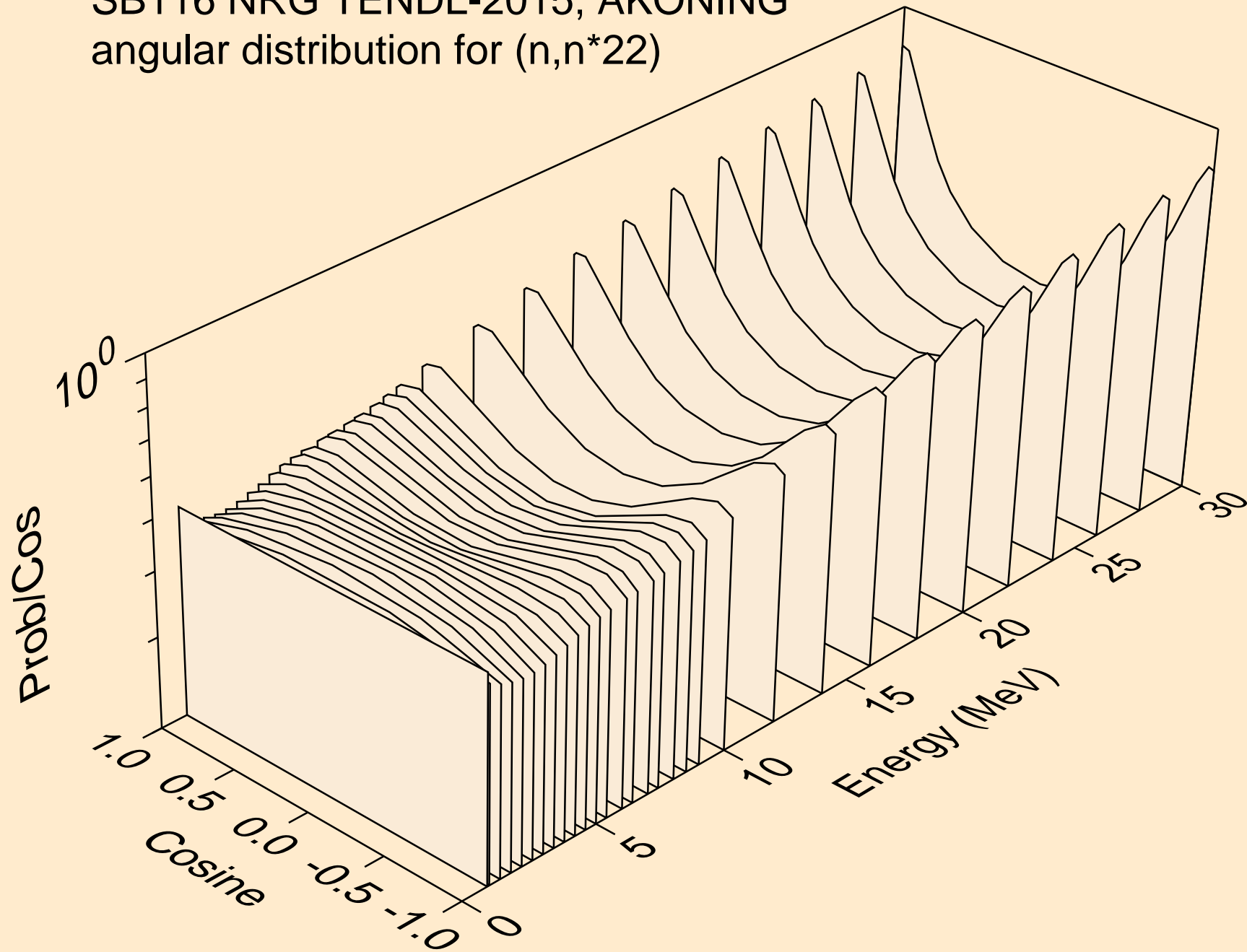
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

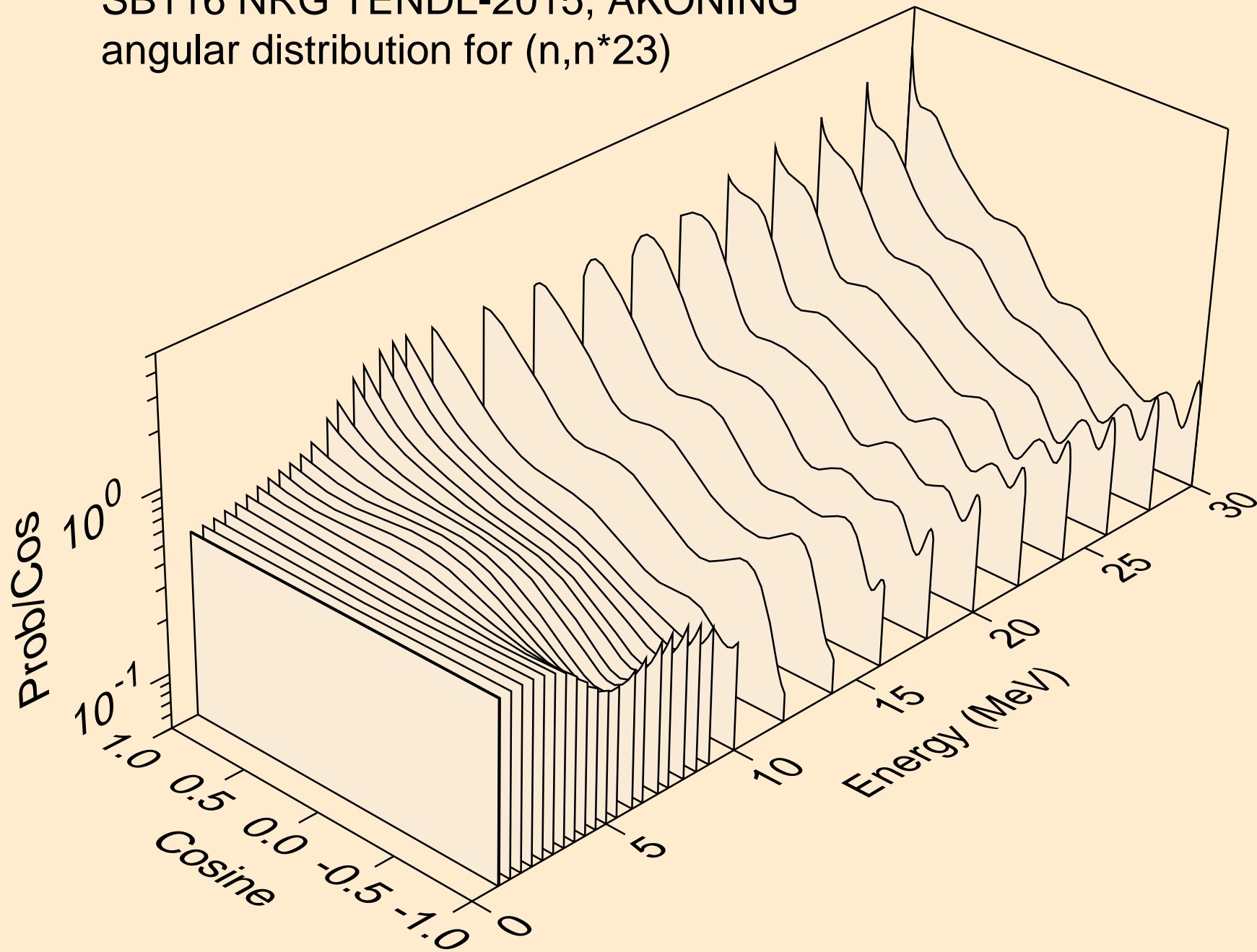


SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

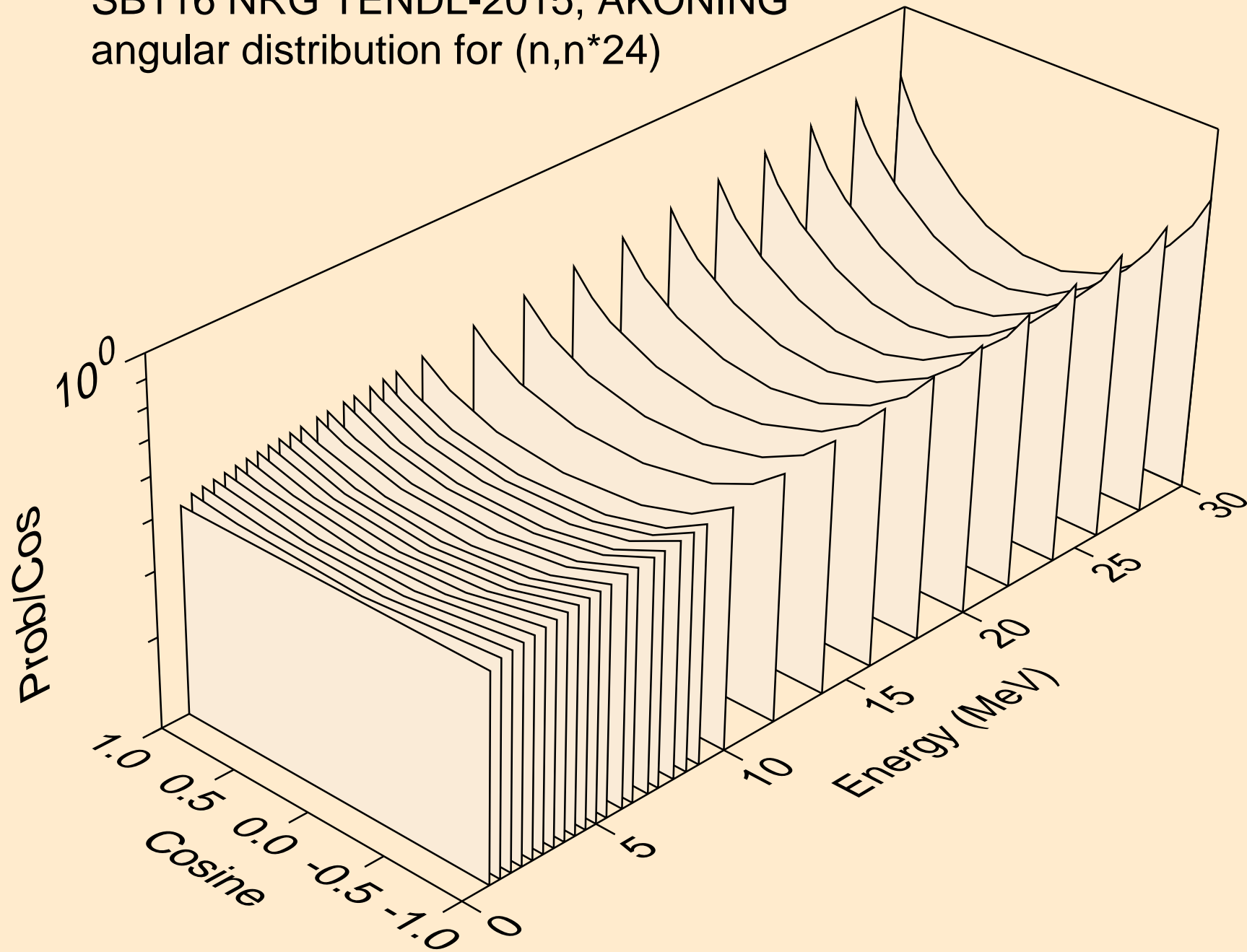




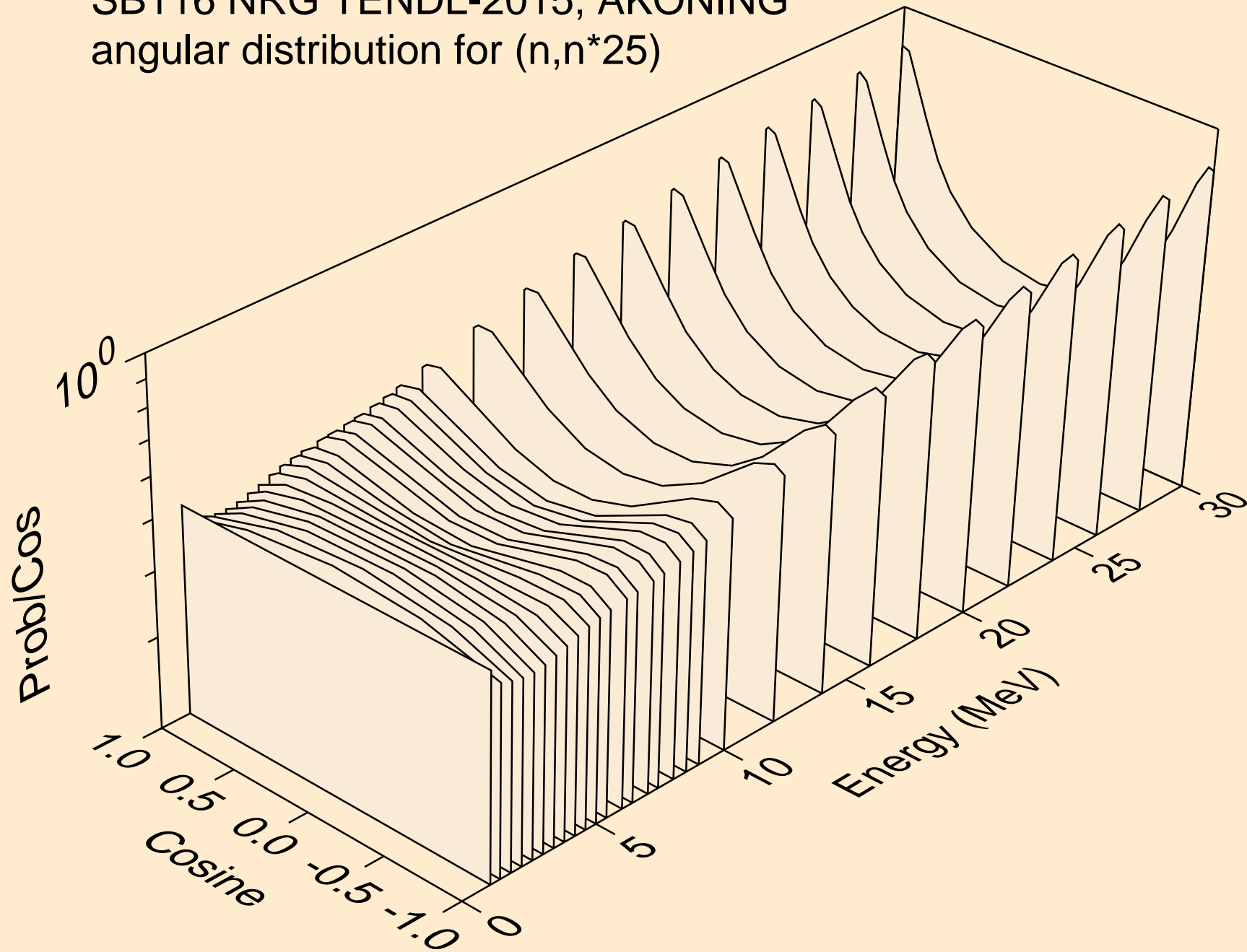
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



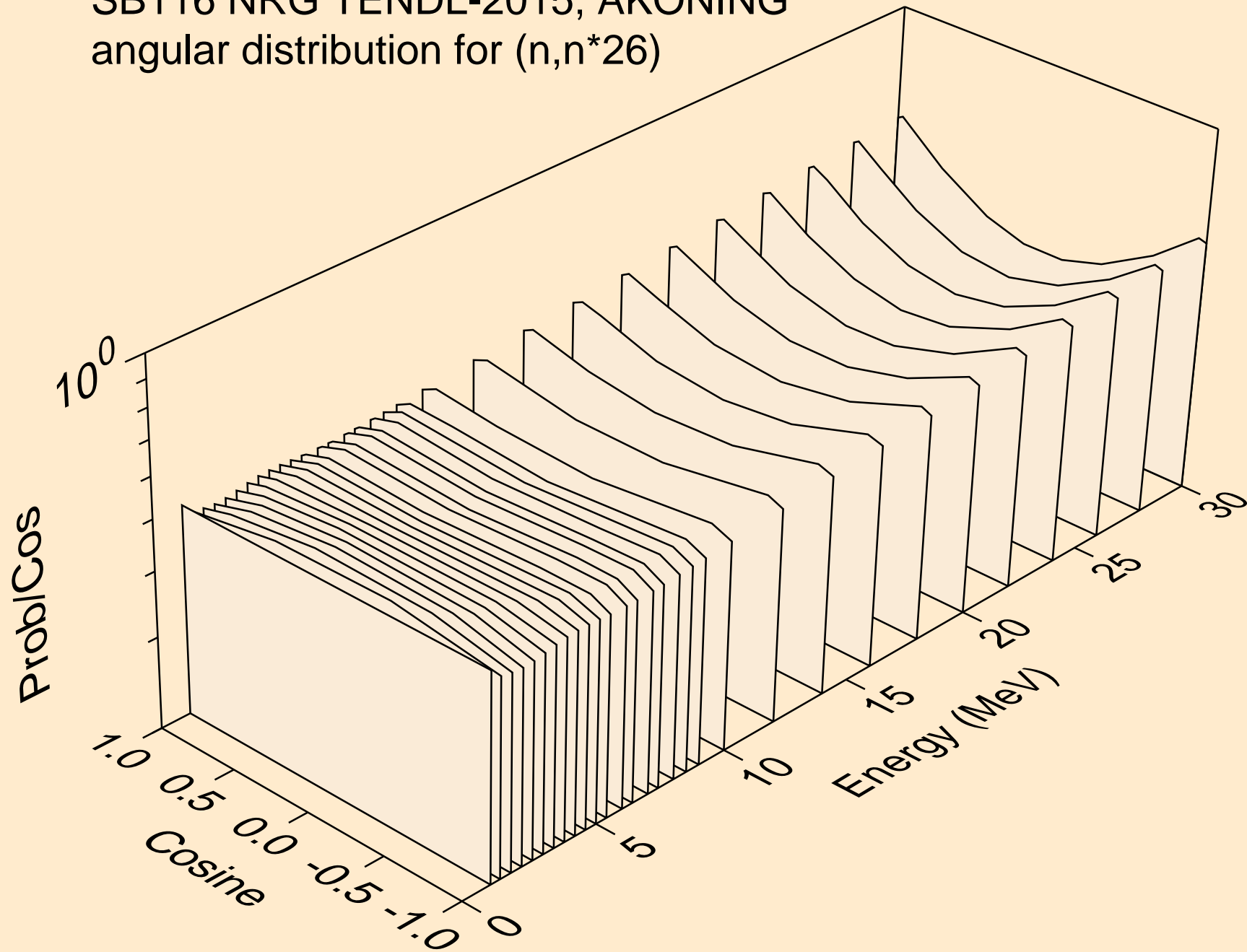
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



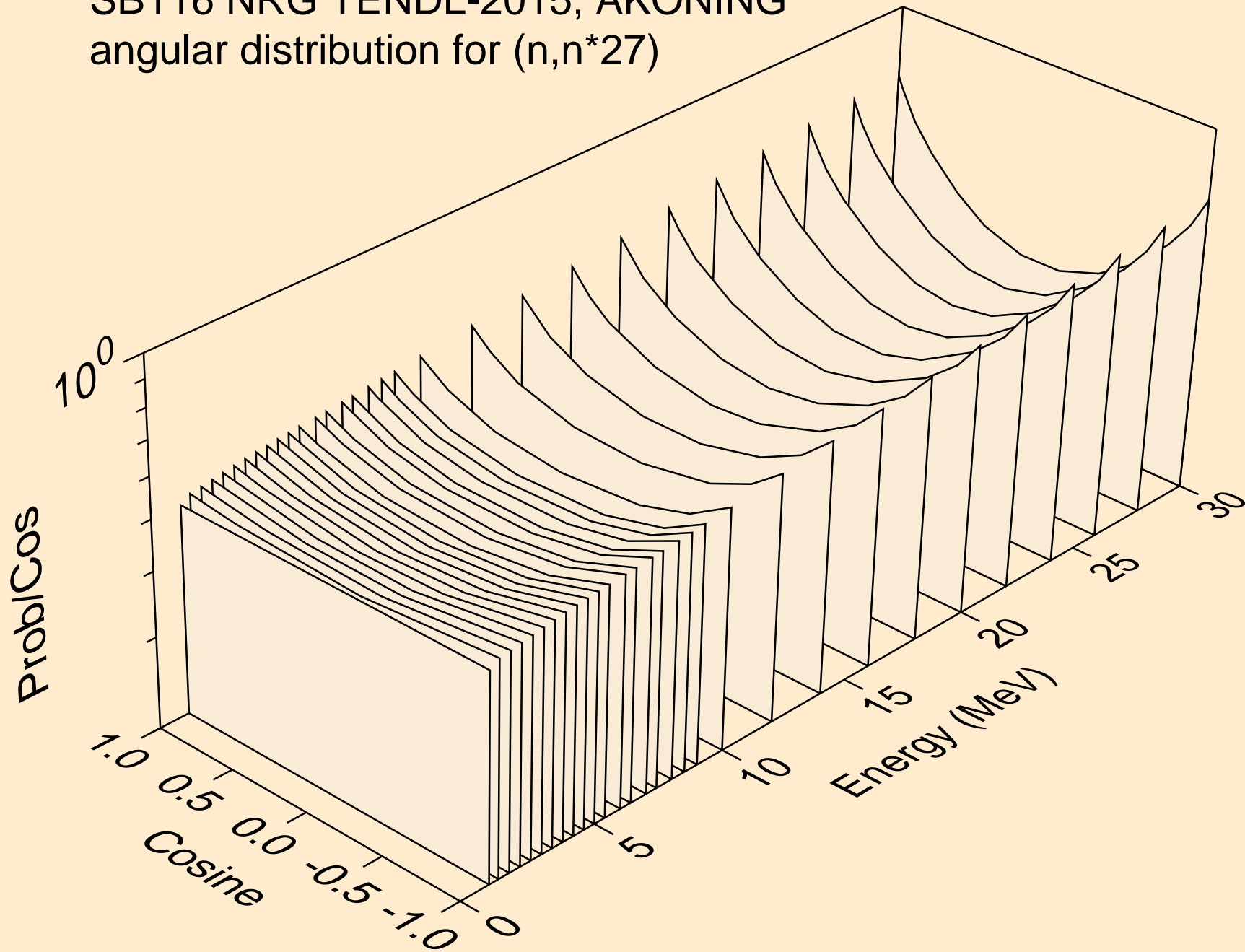
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



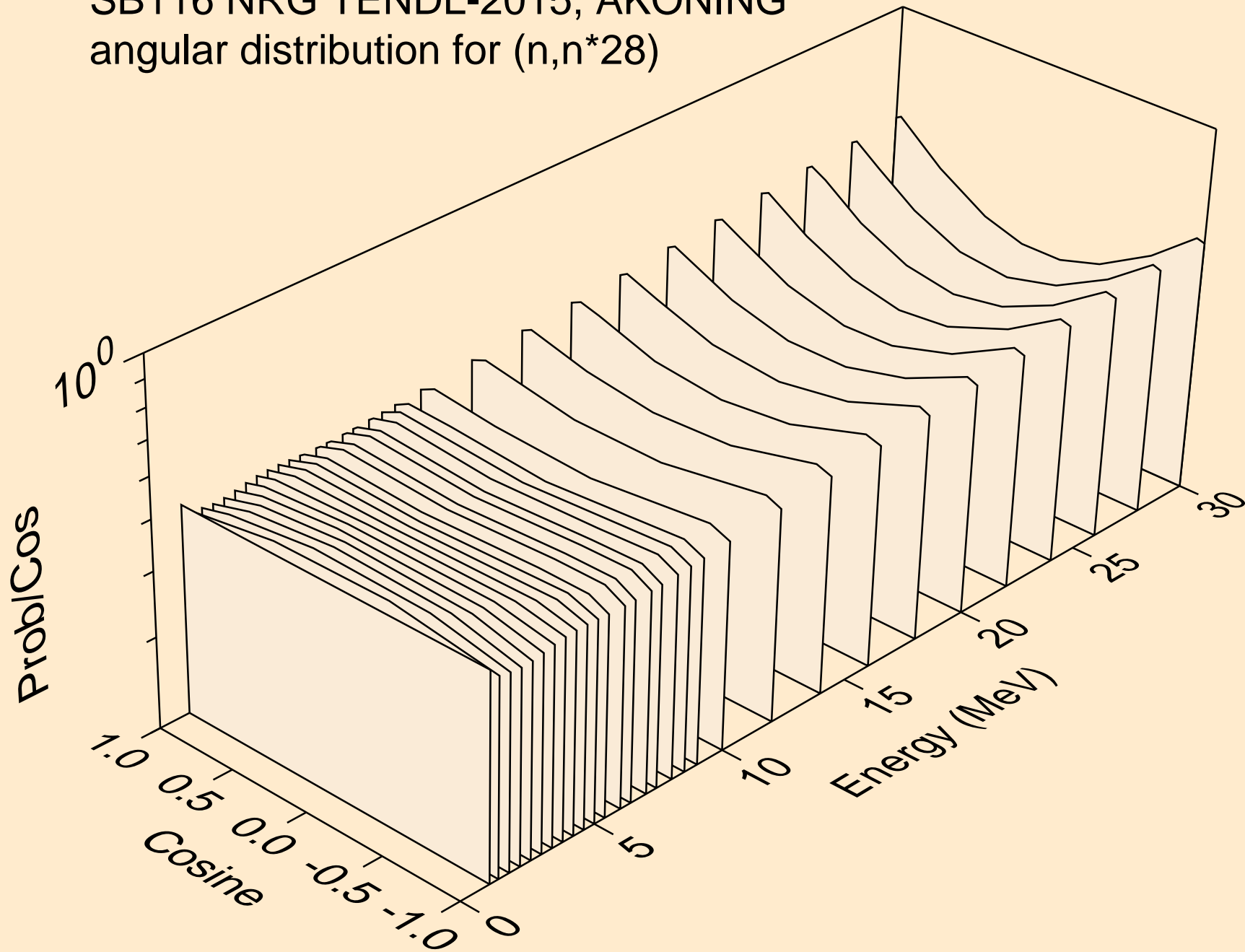
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



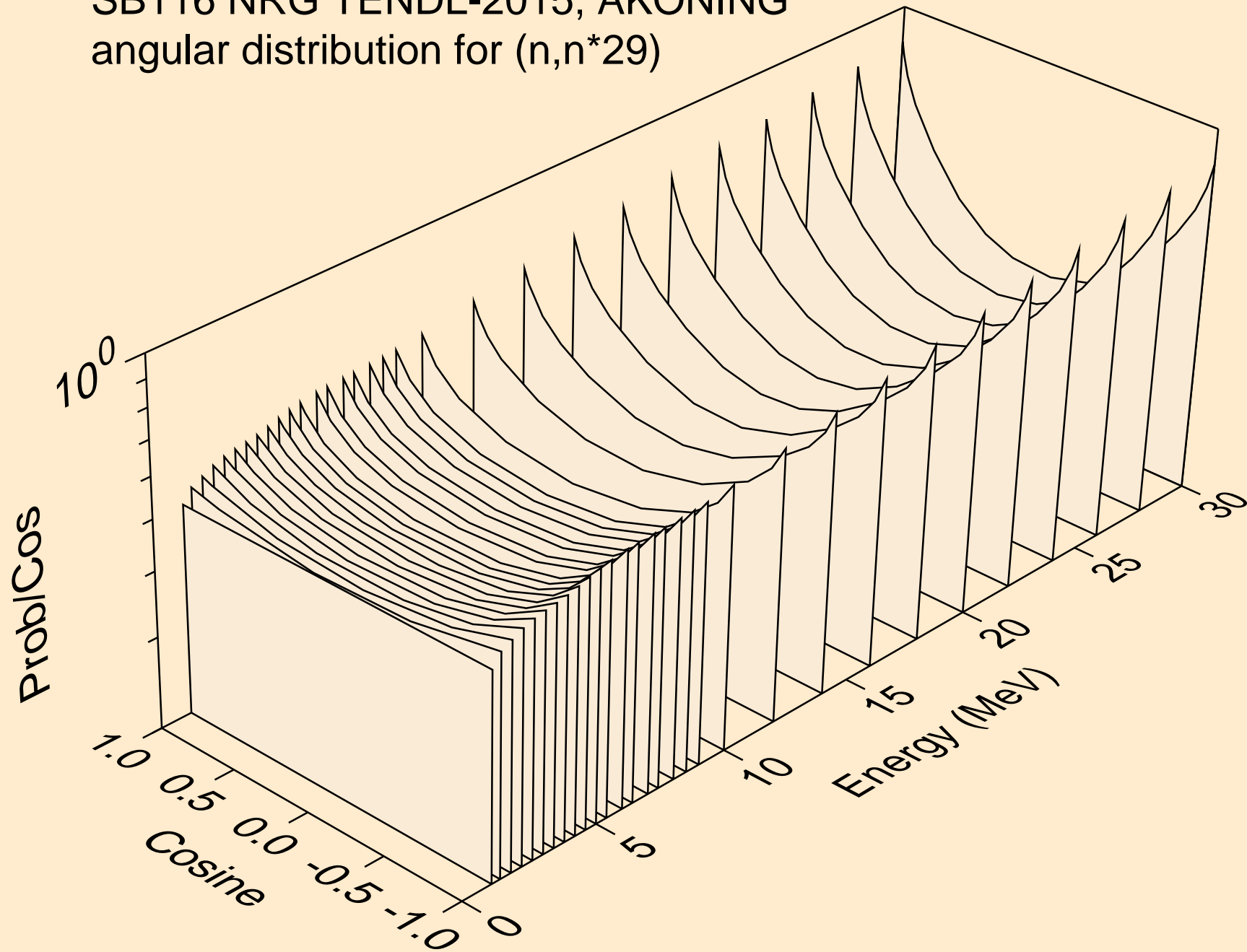
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



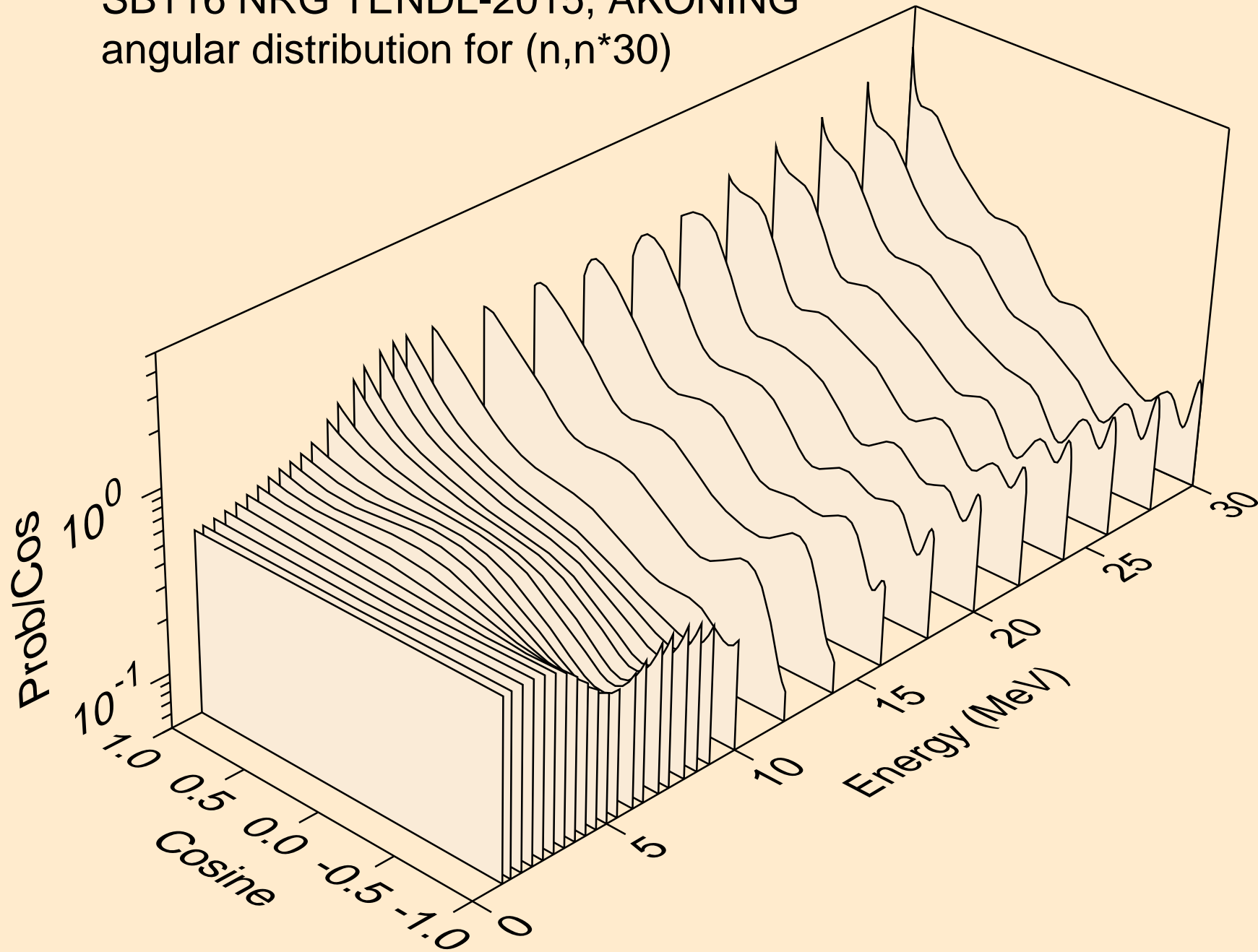
SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

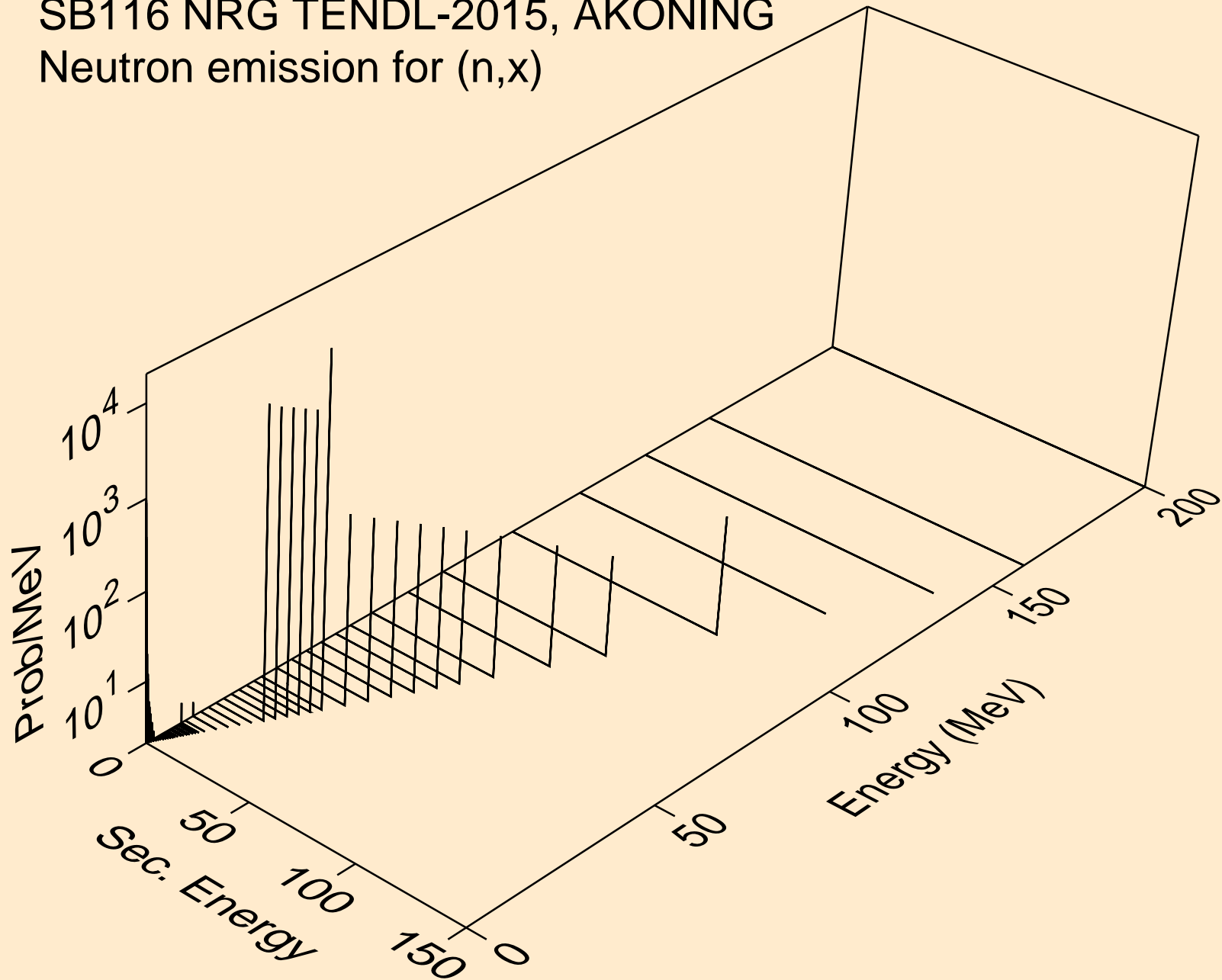


SB116 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

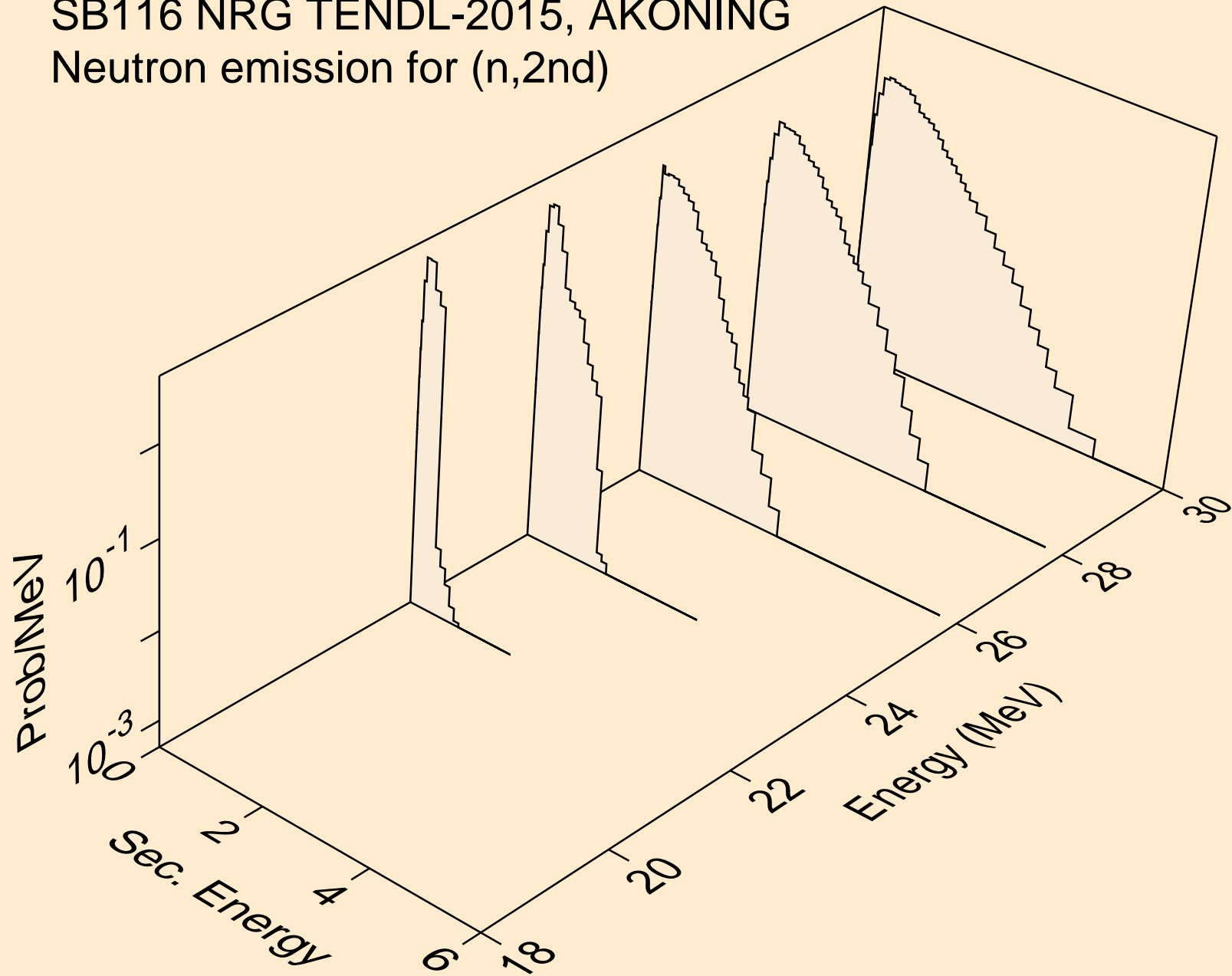




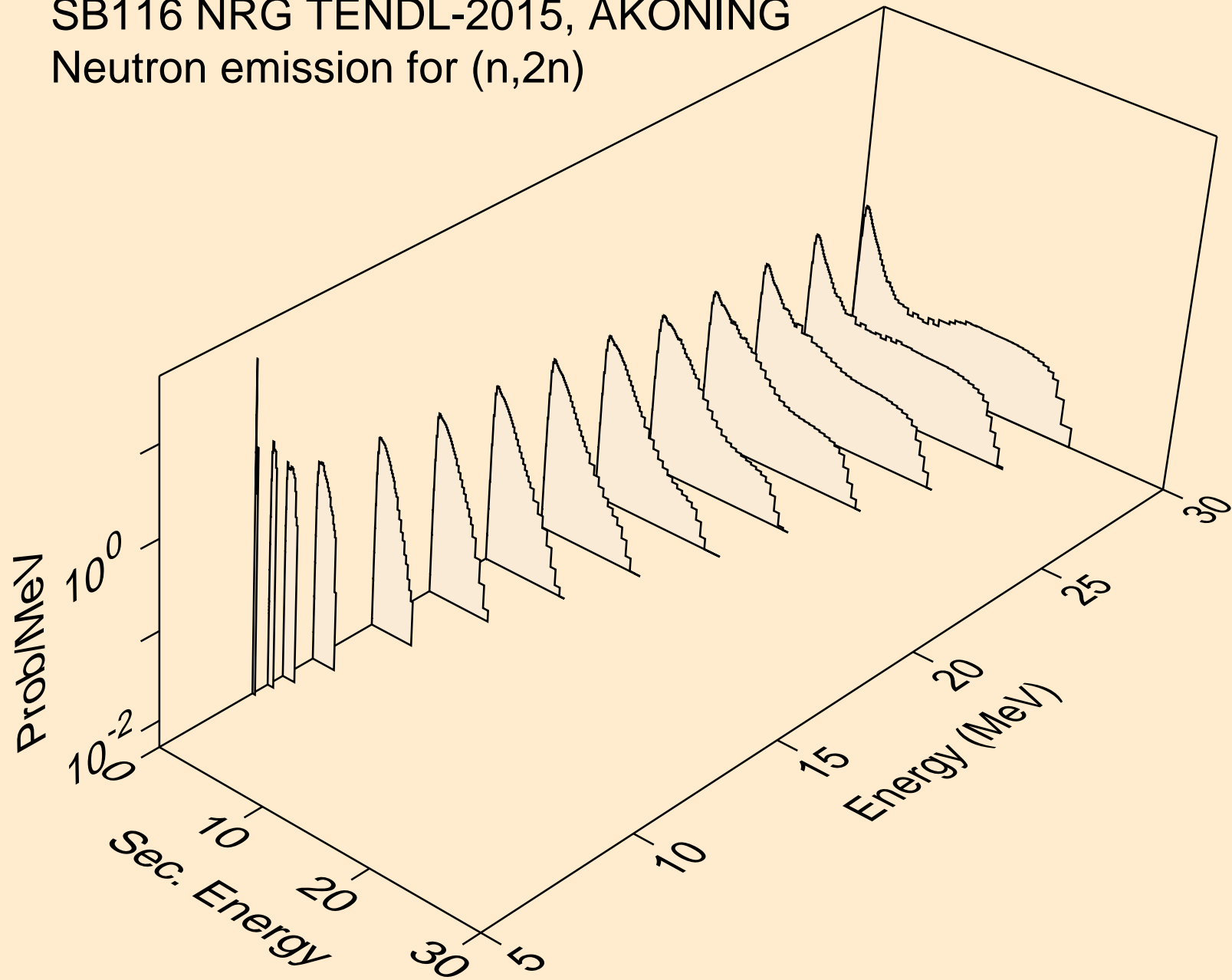
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



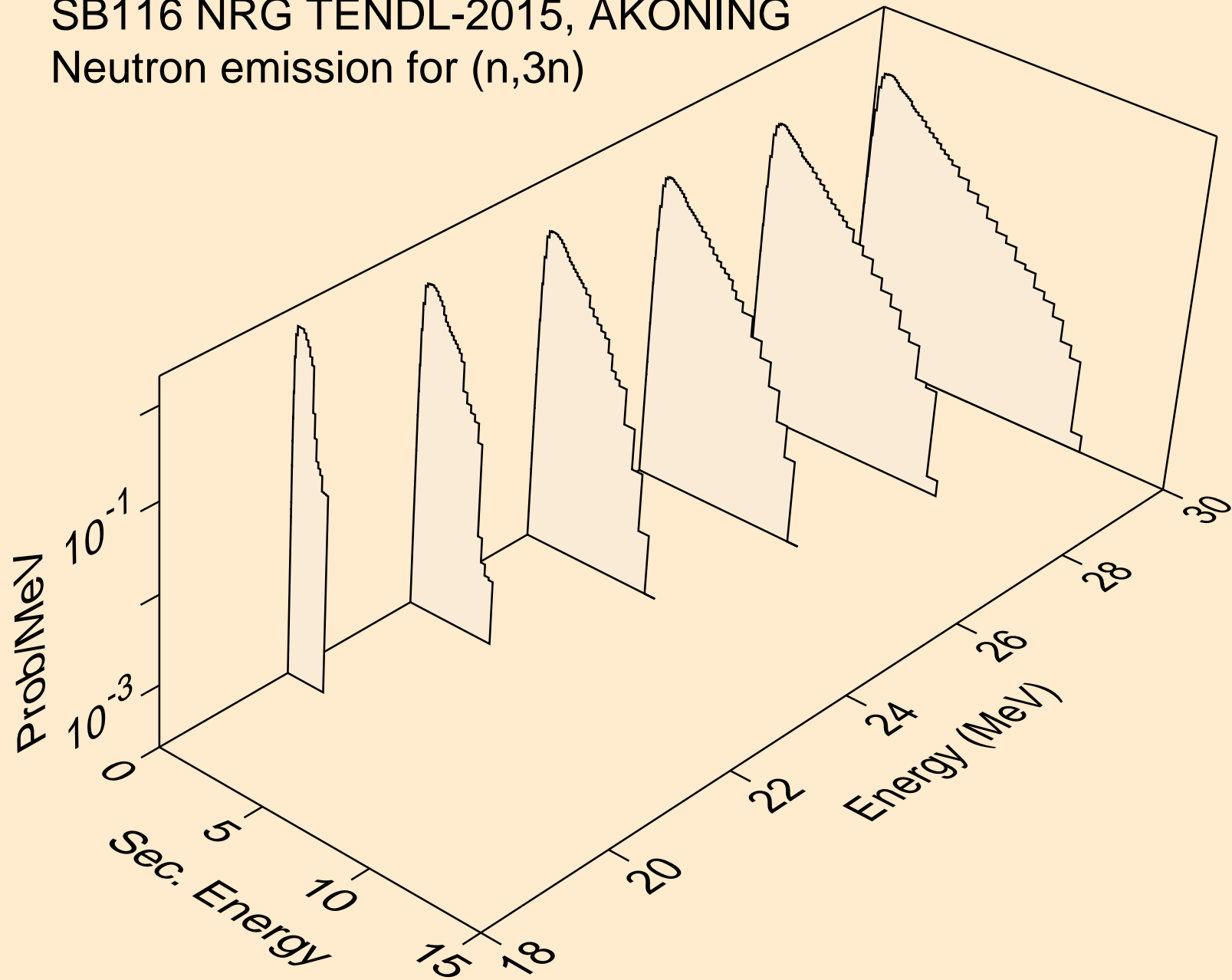
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



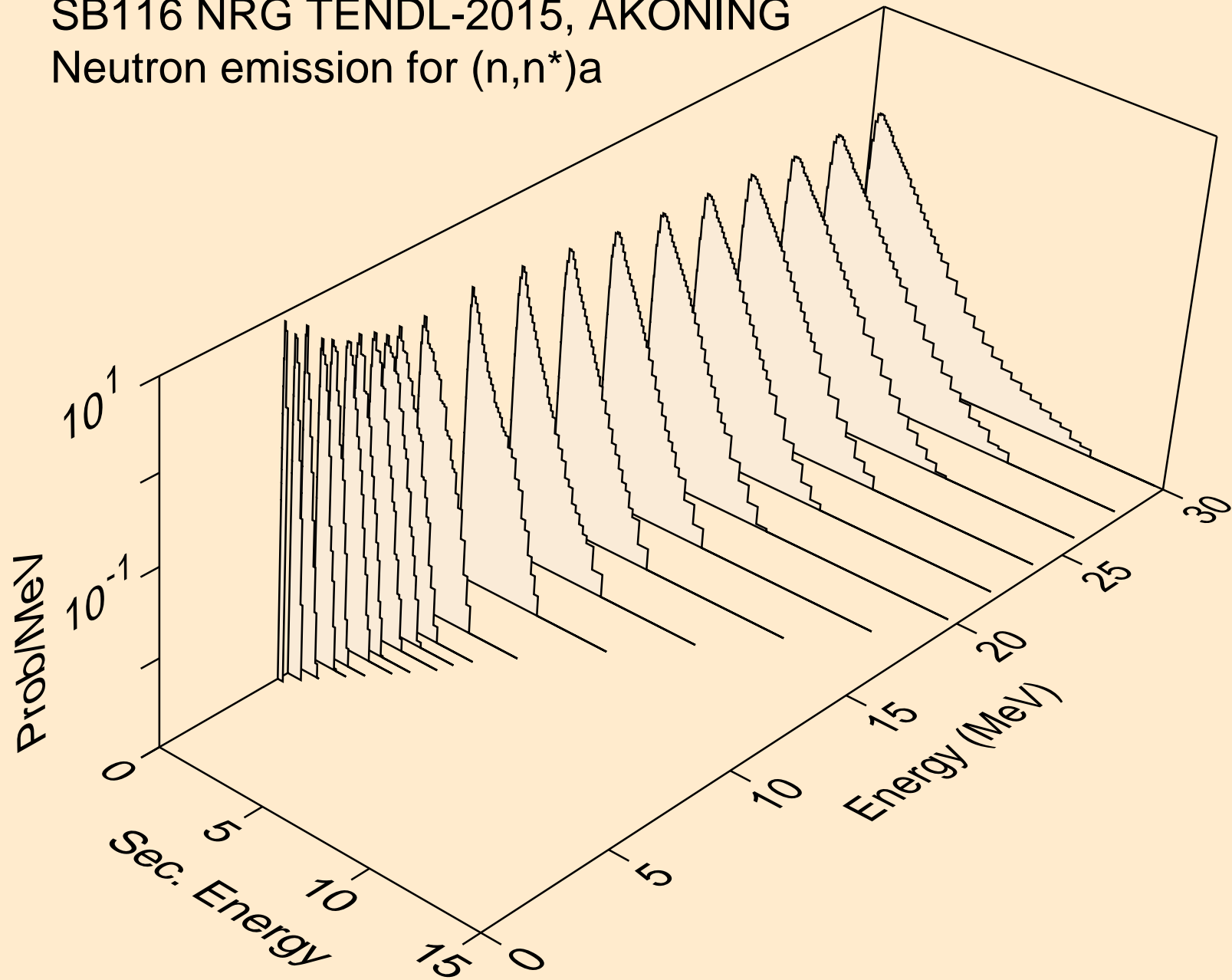
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



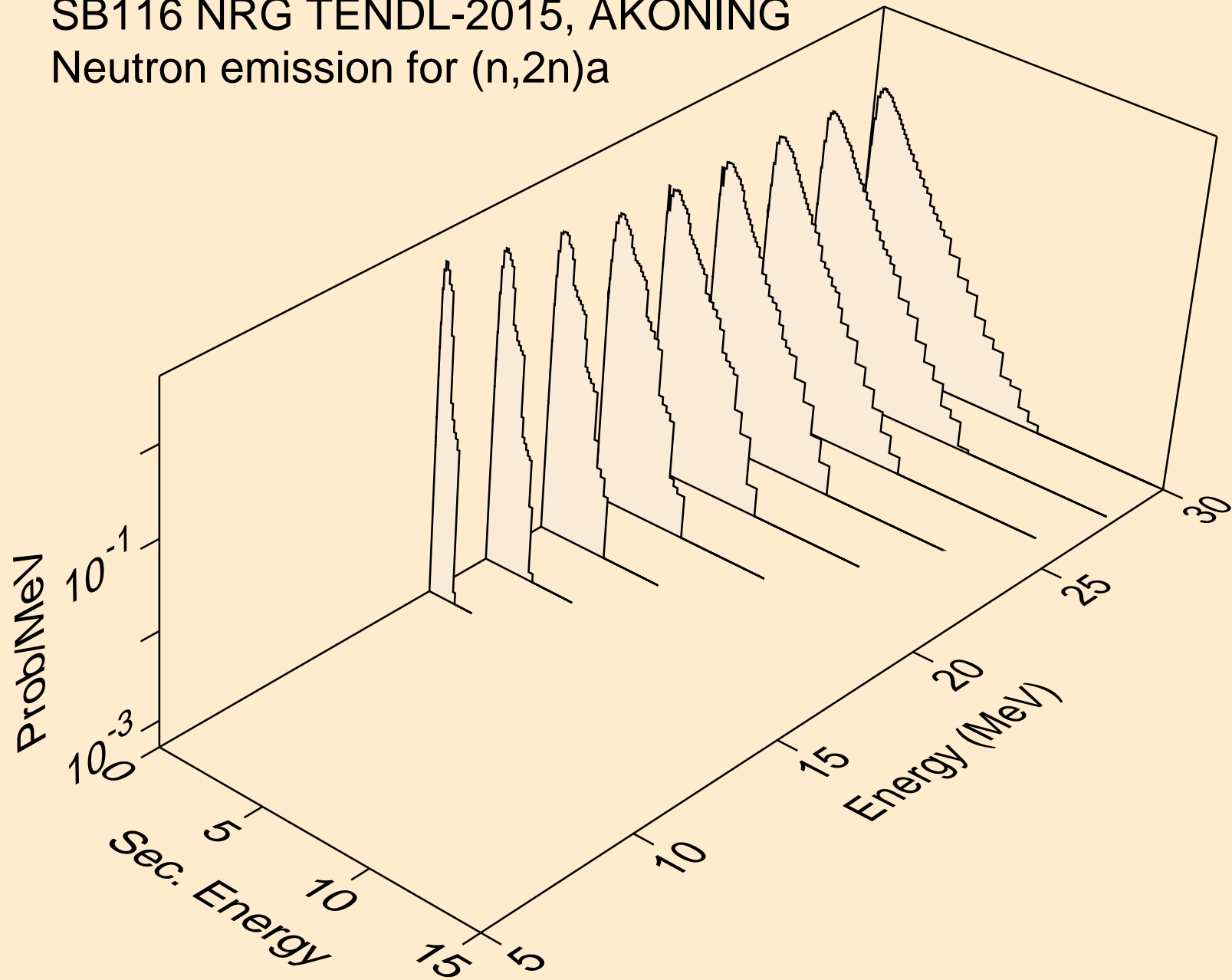
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



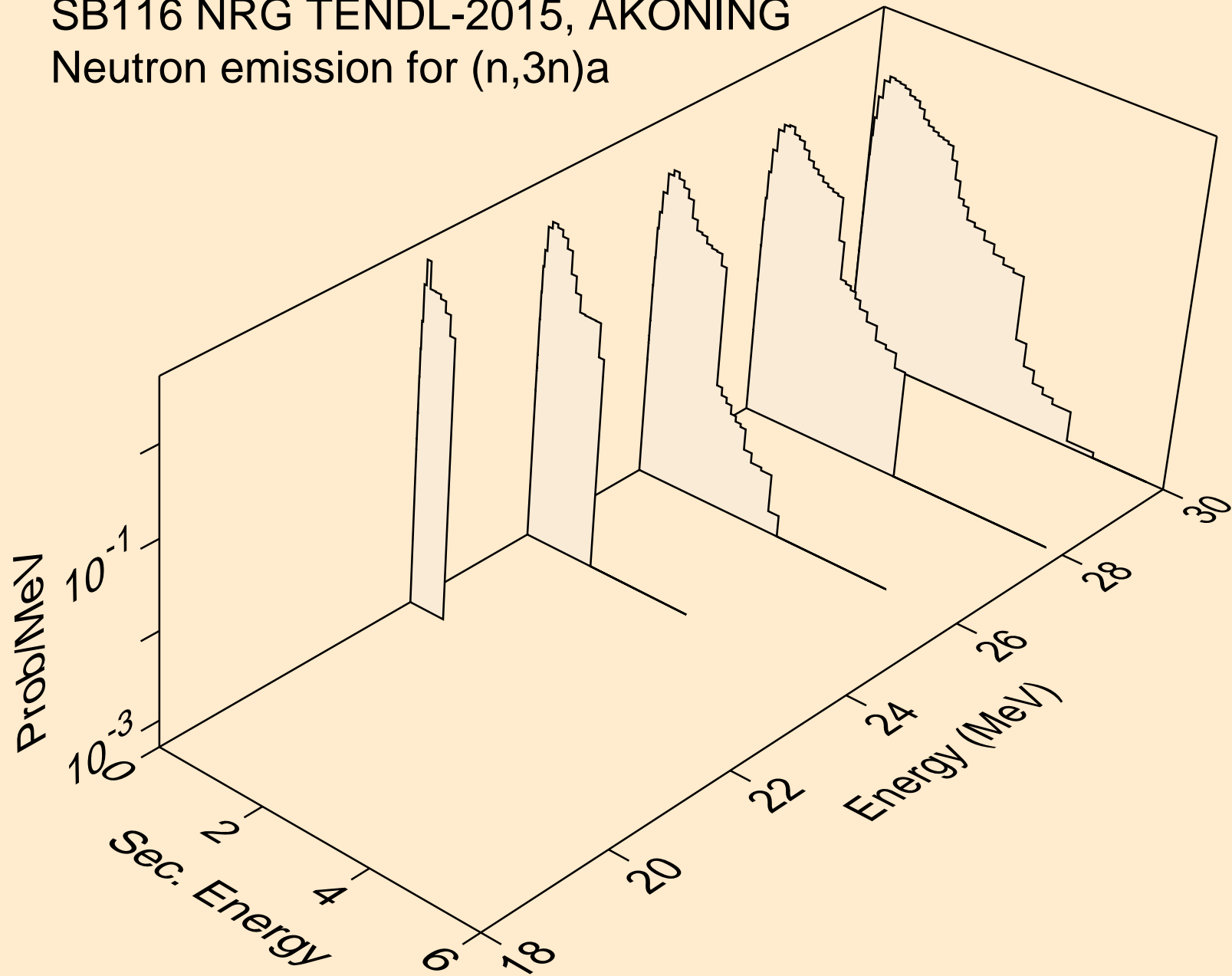
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



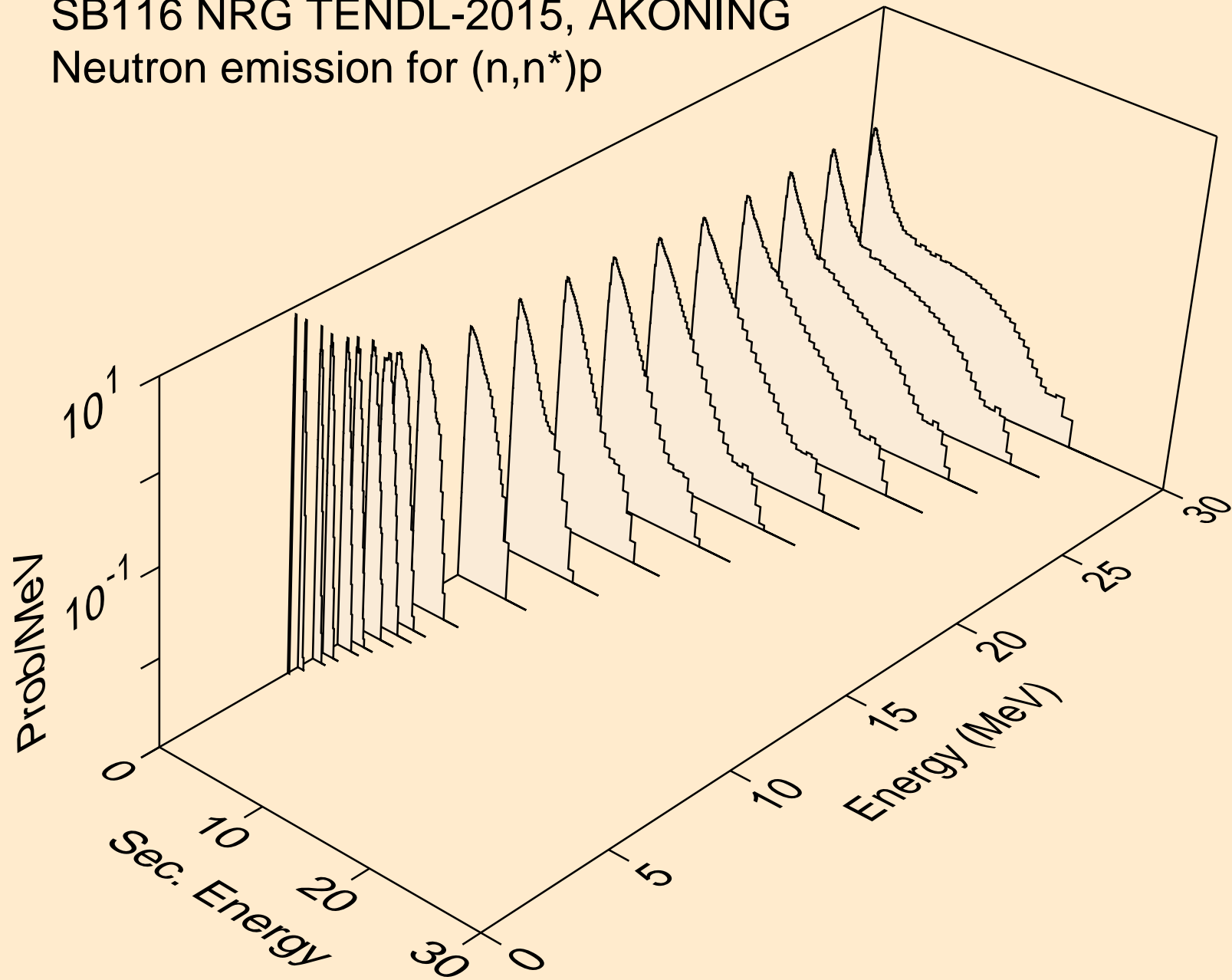
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

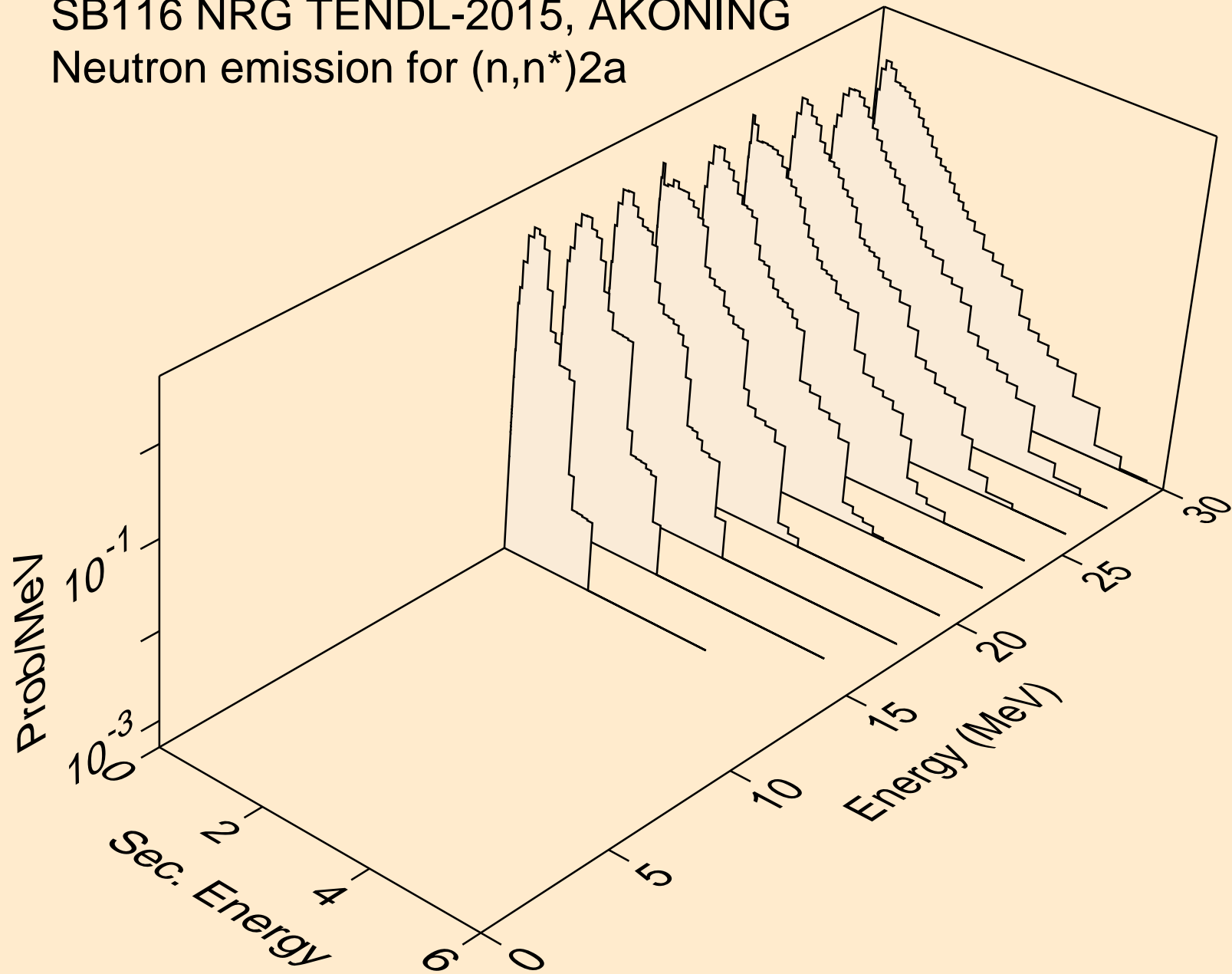


SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

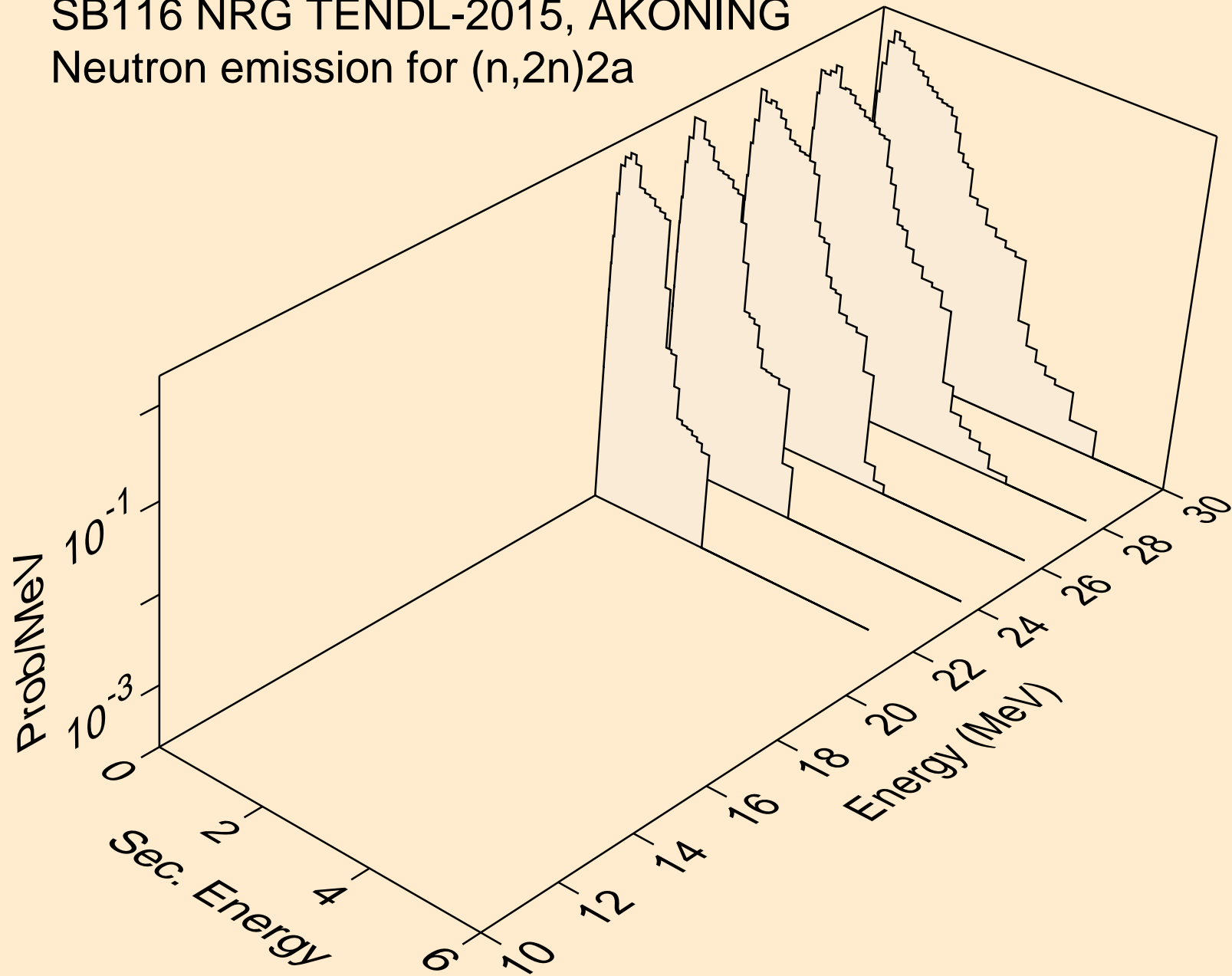




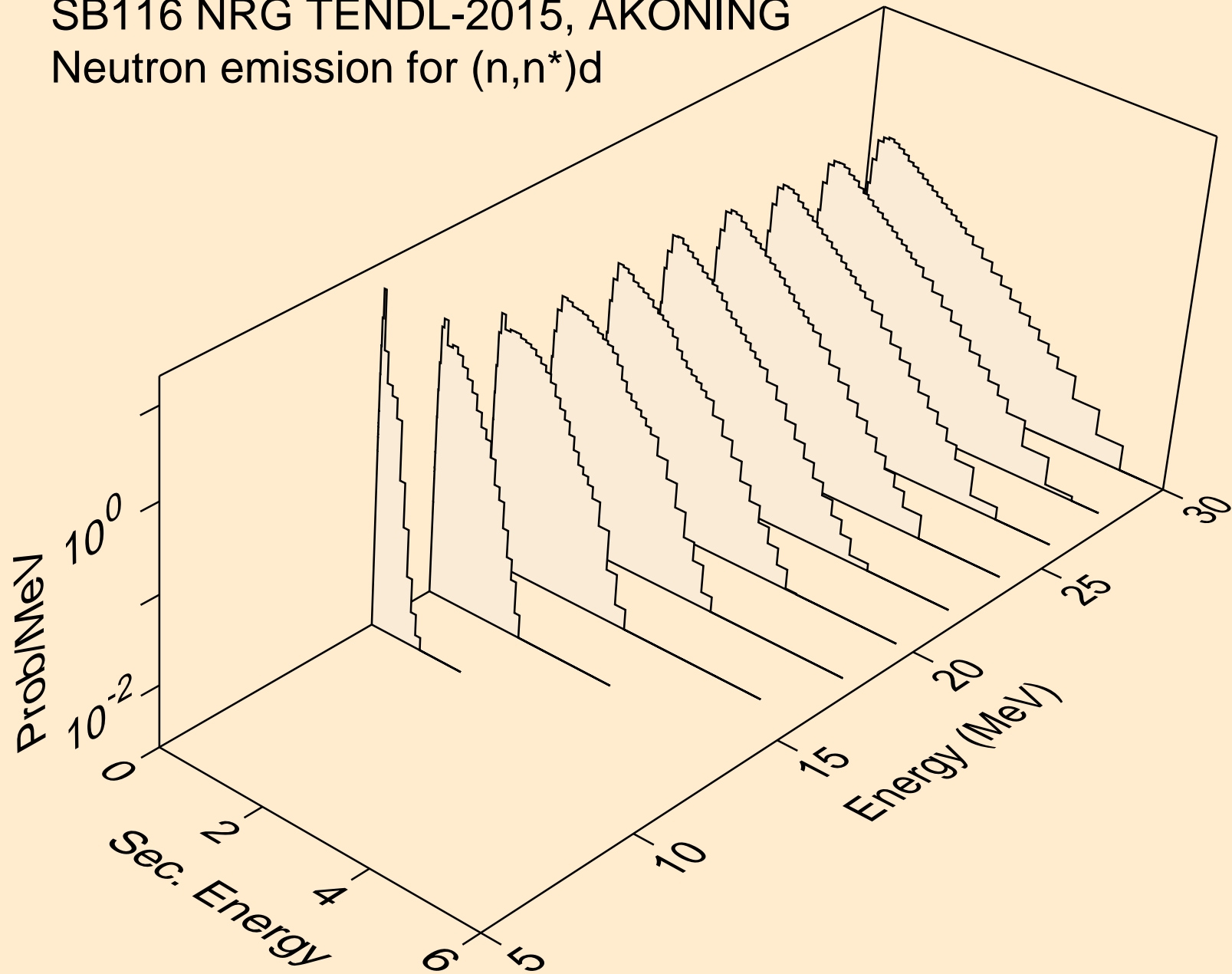
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



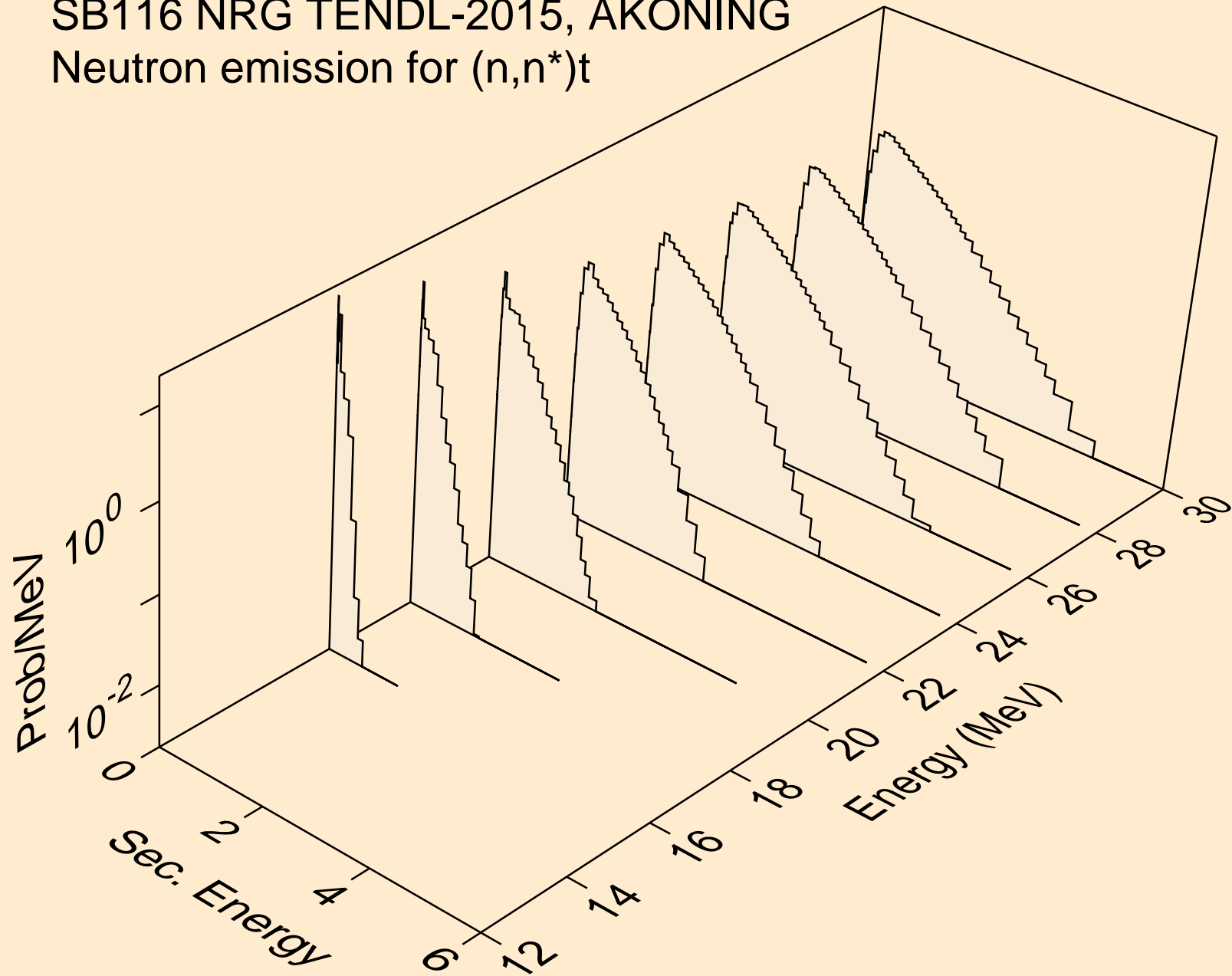
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



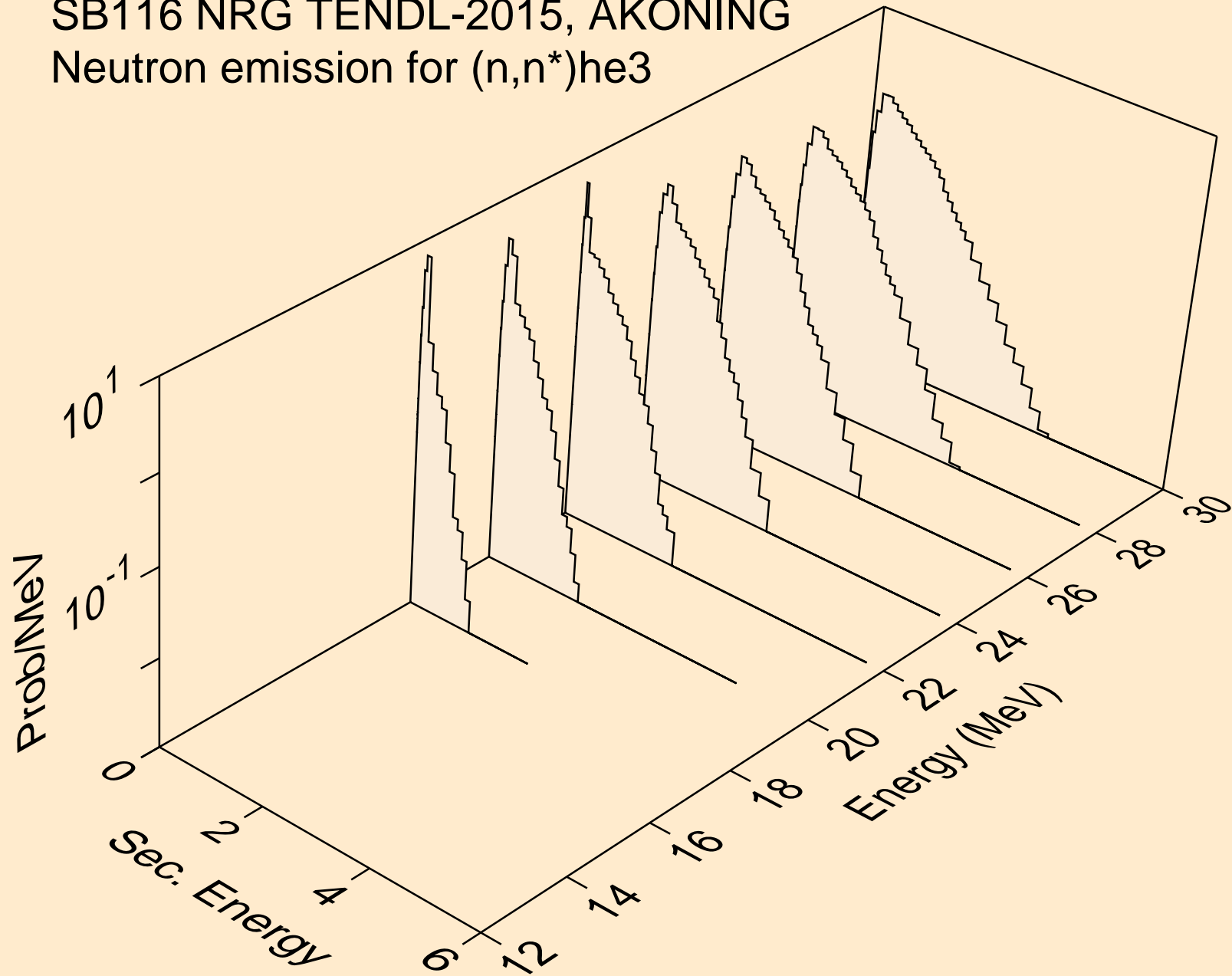
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



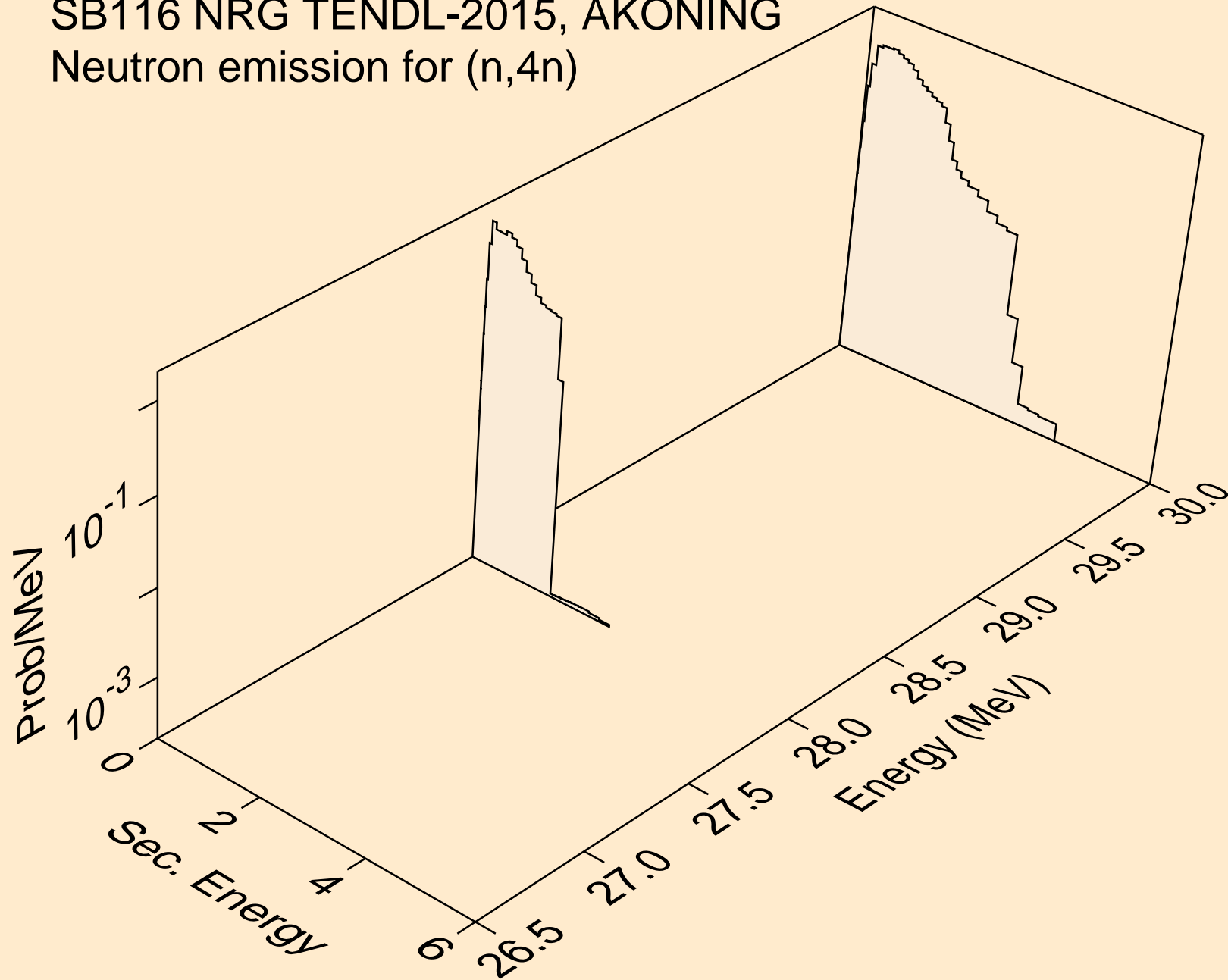
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



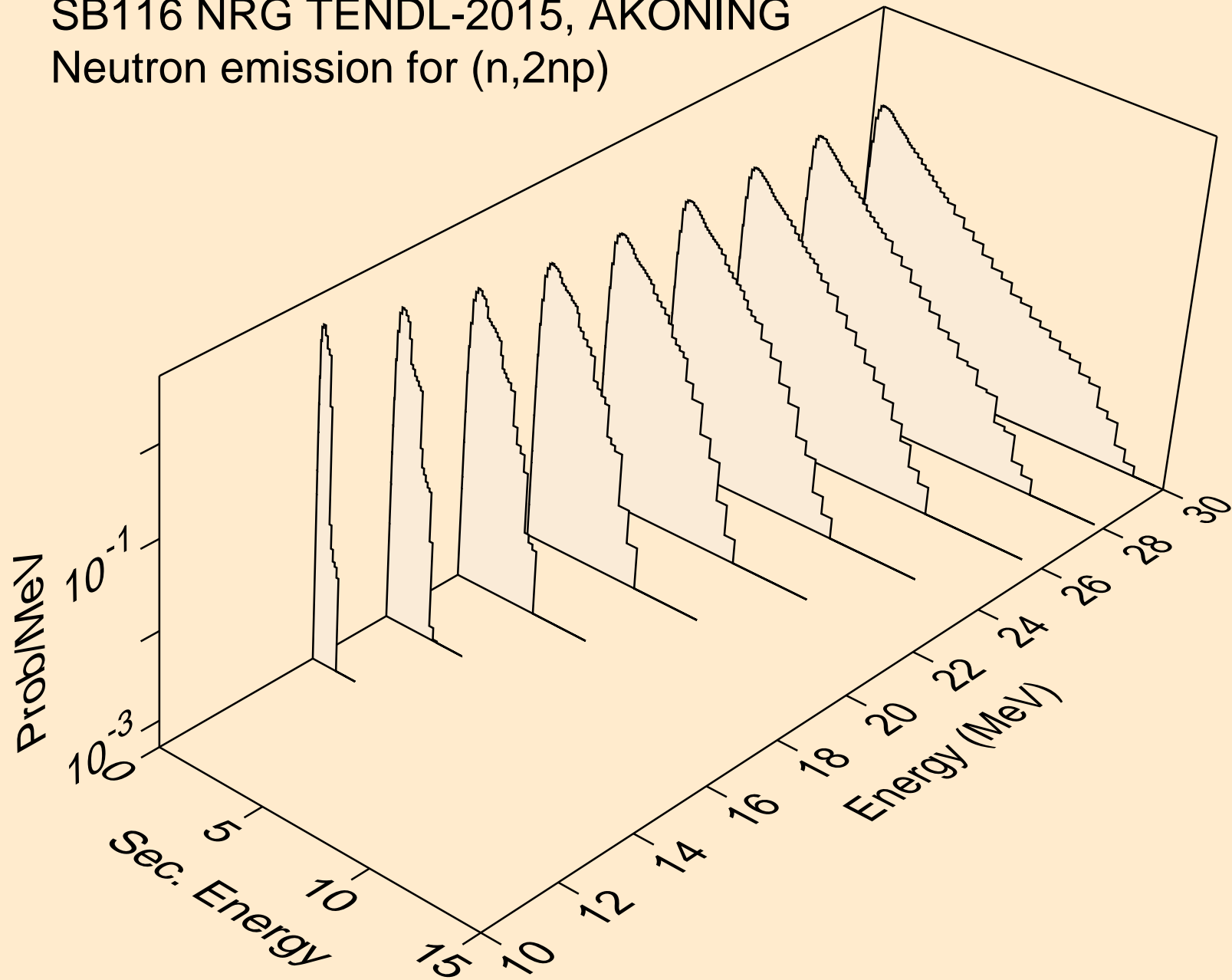
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



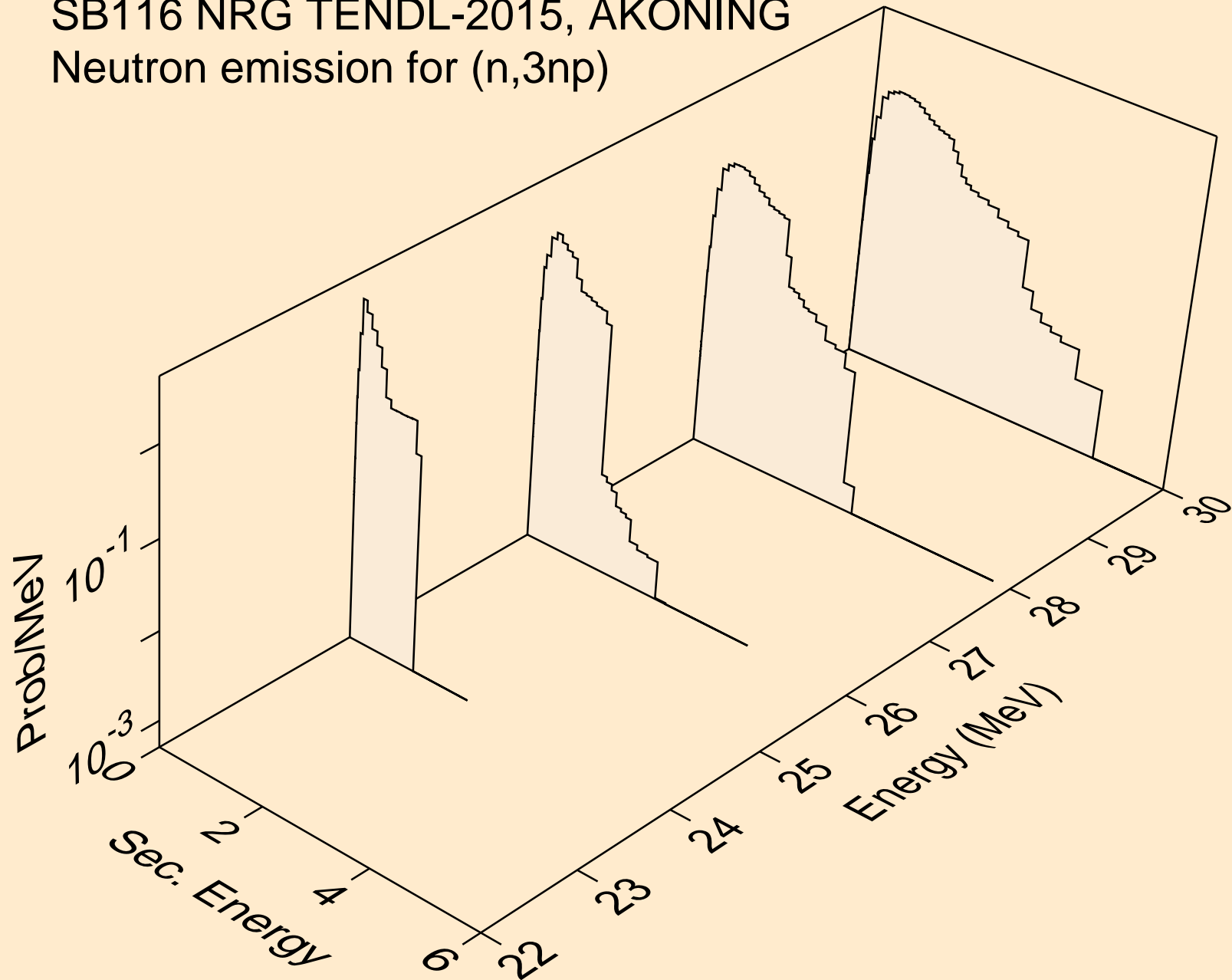
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

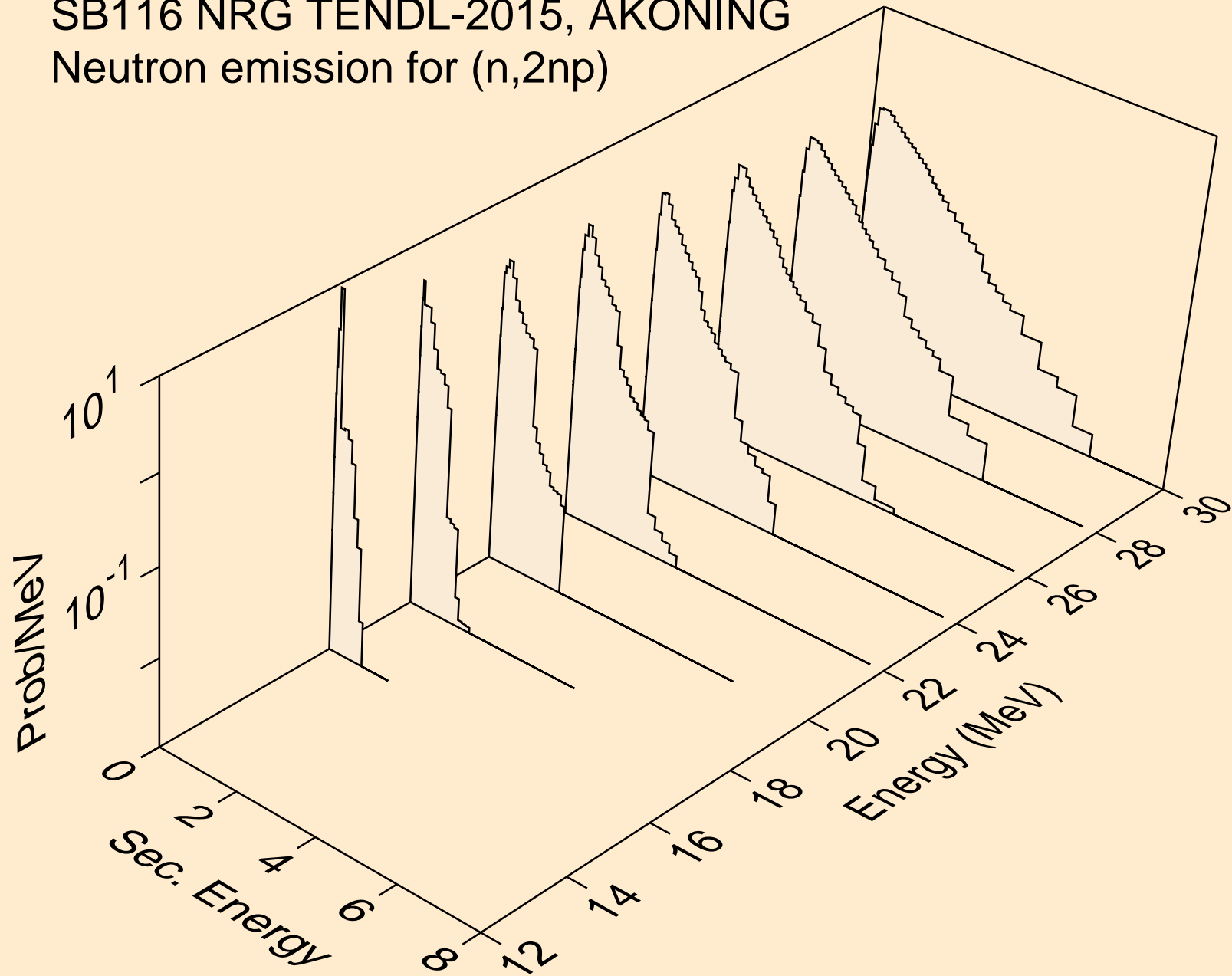


SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

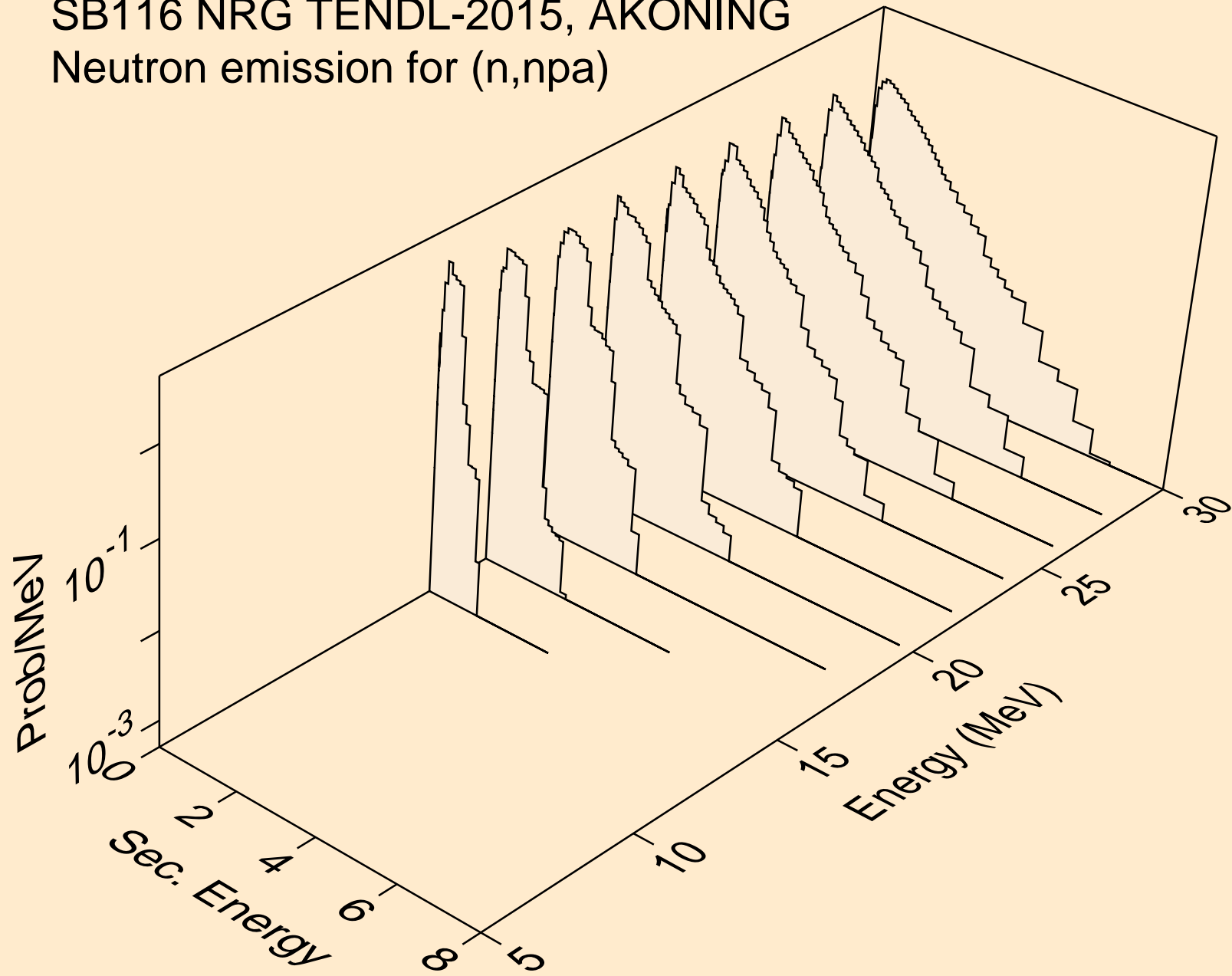




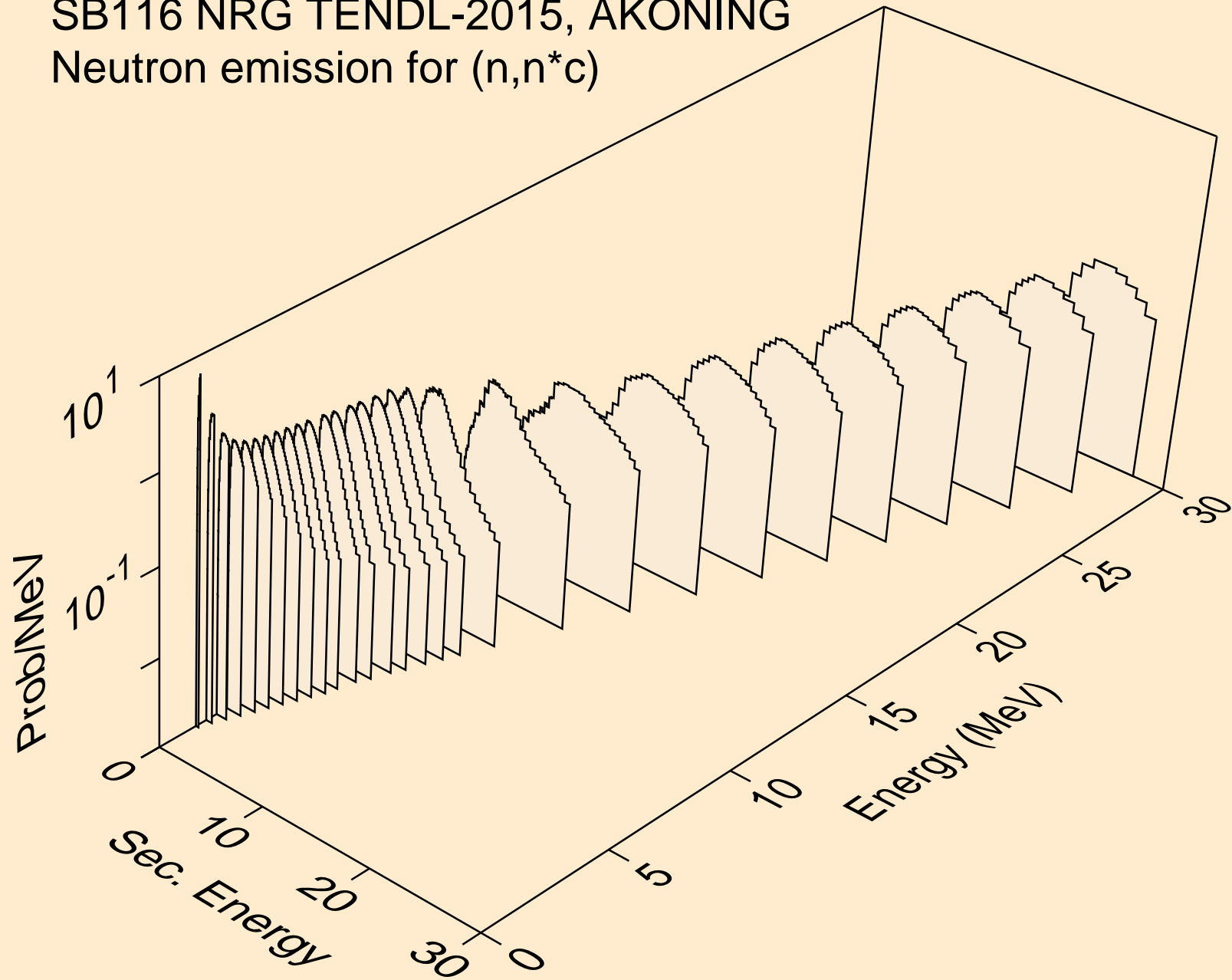
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



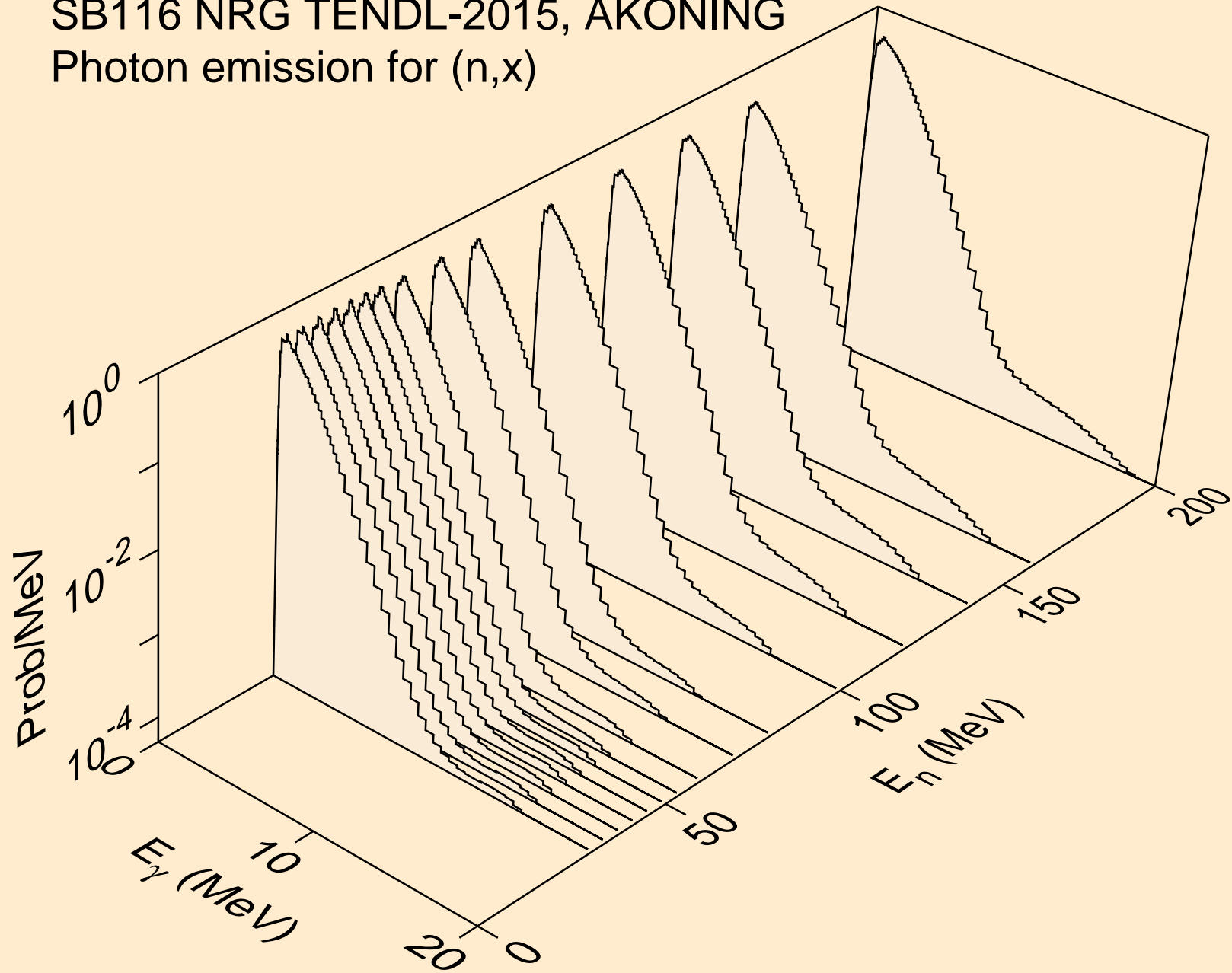
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



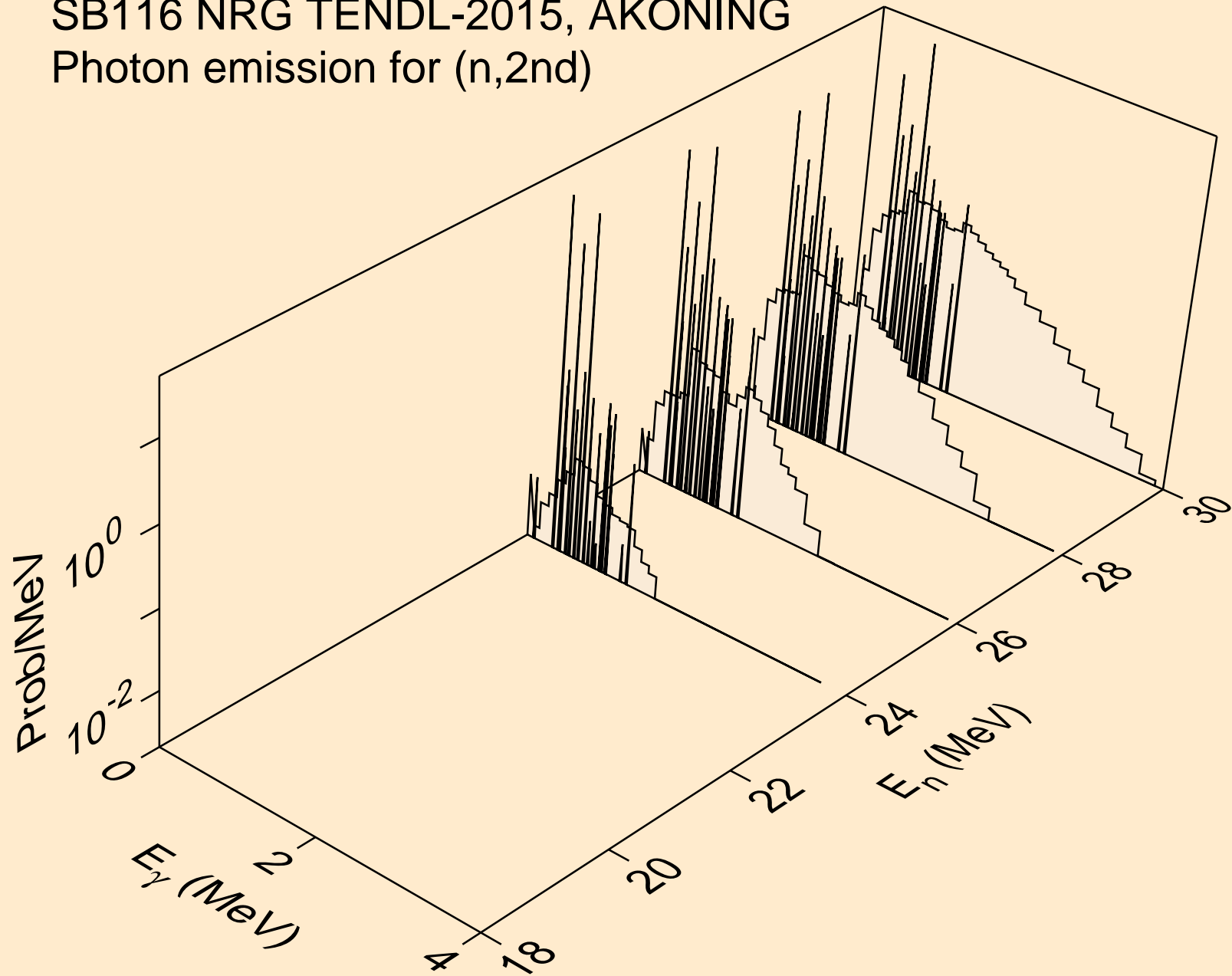
SB116 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



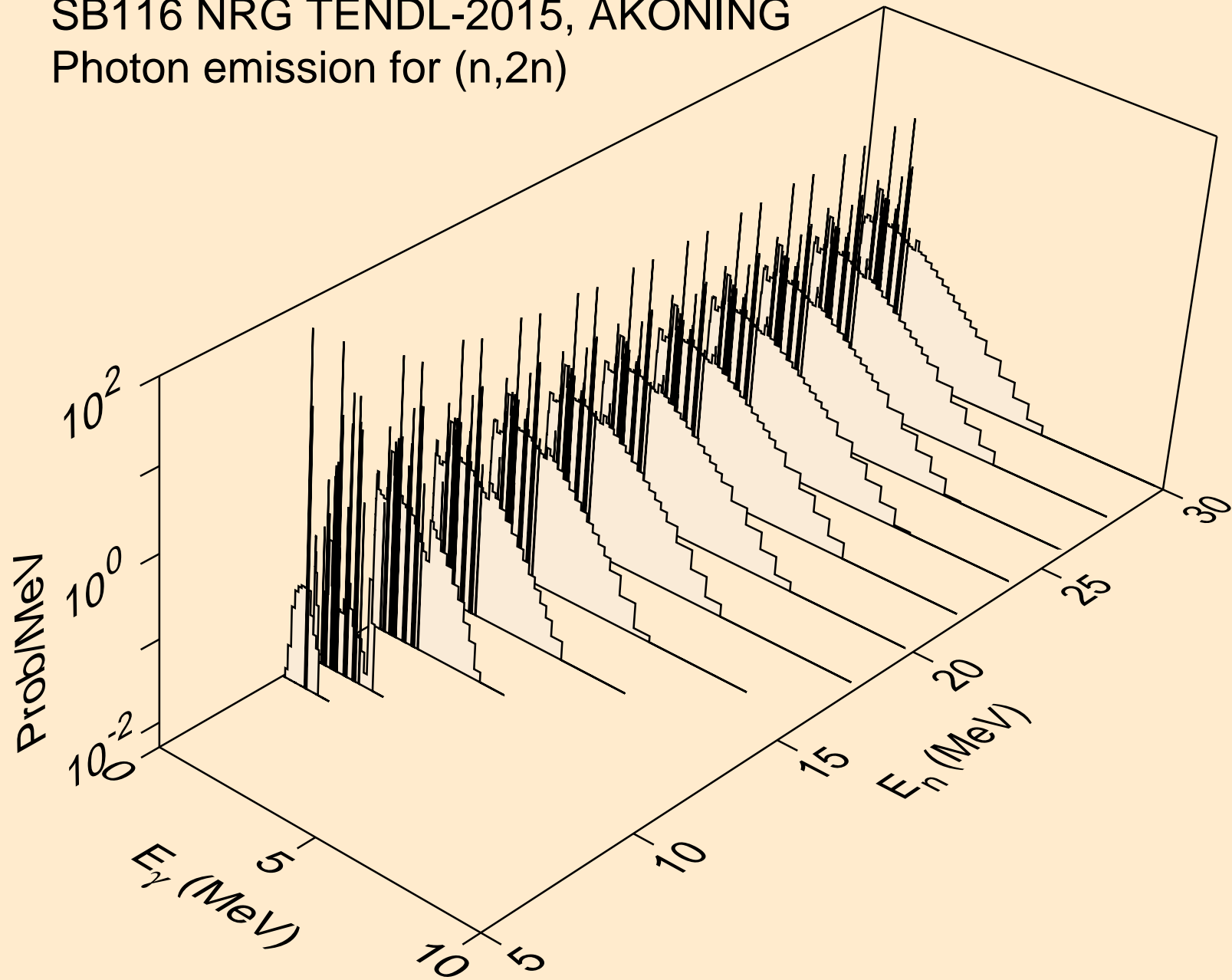
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



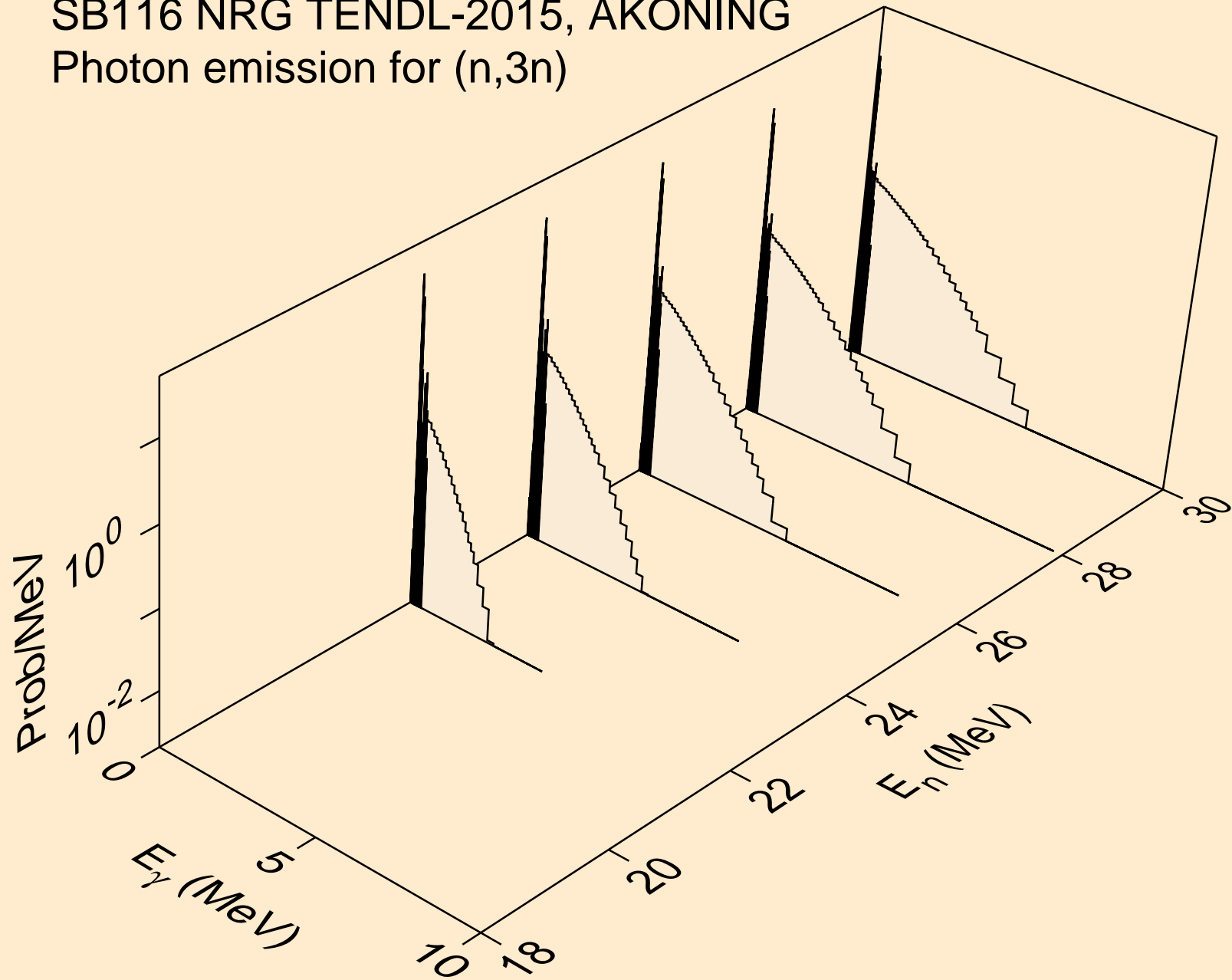
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



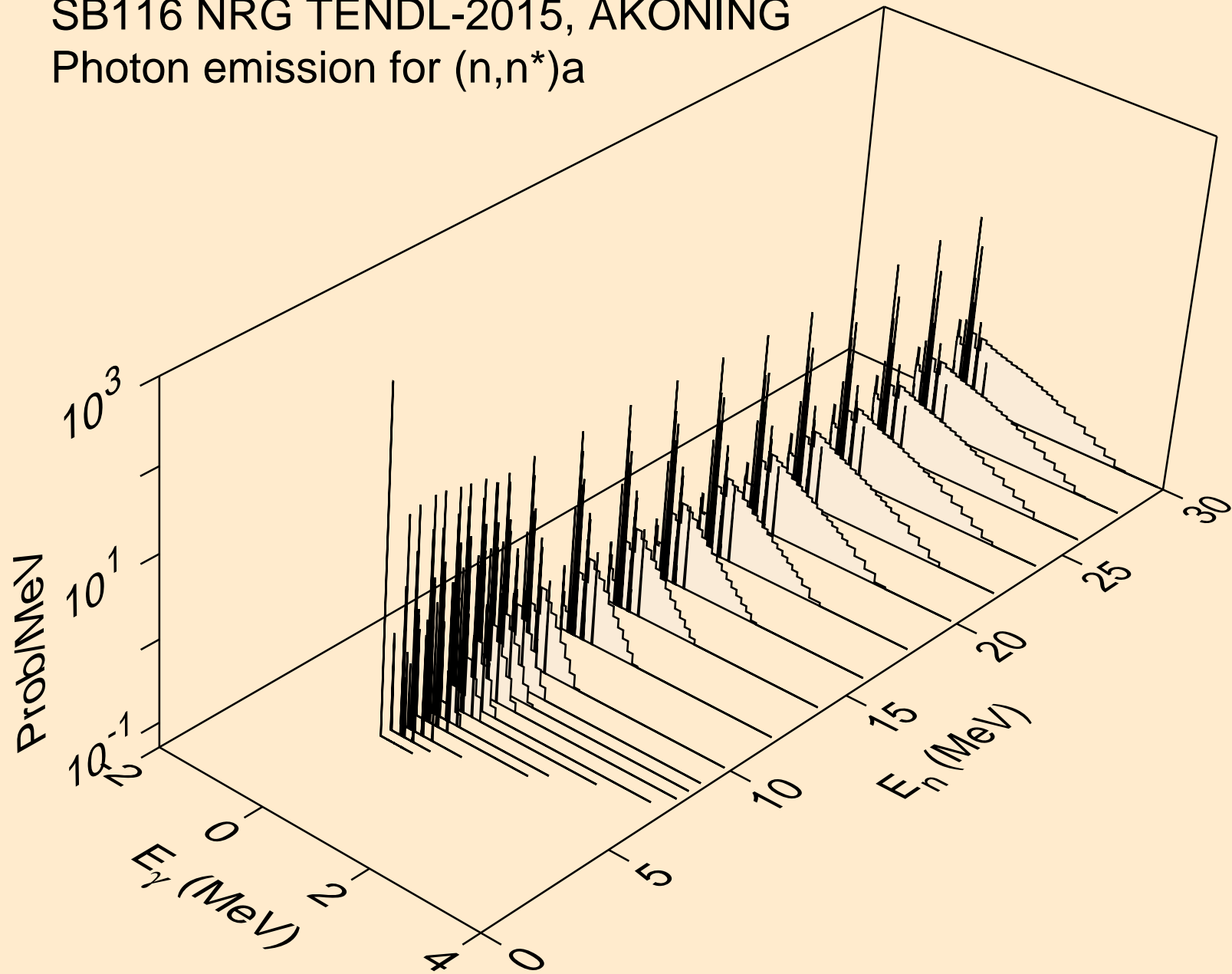
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

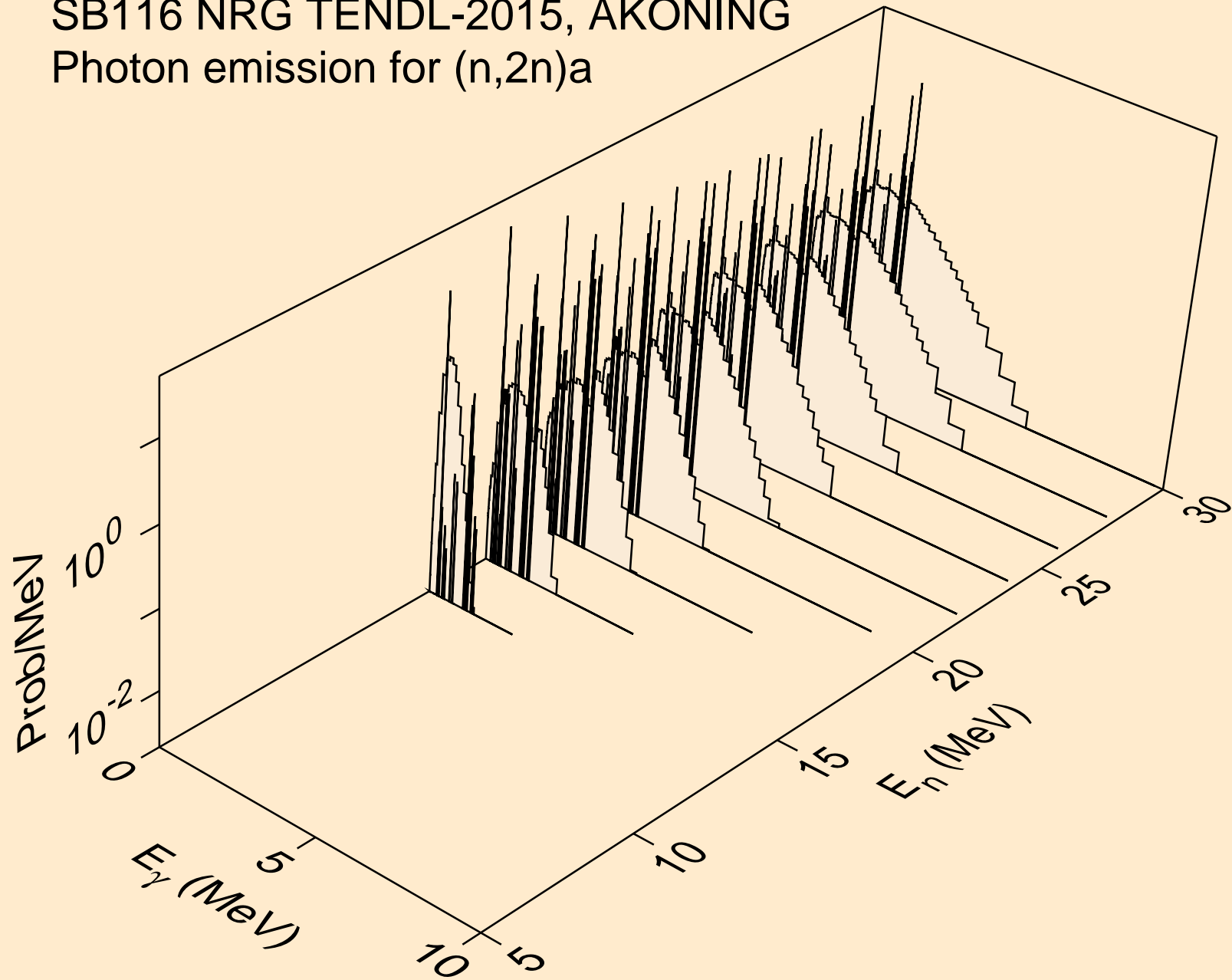


SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

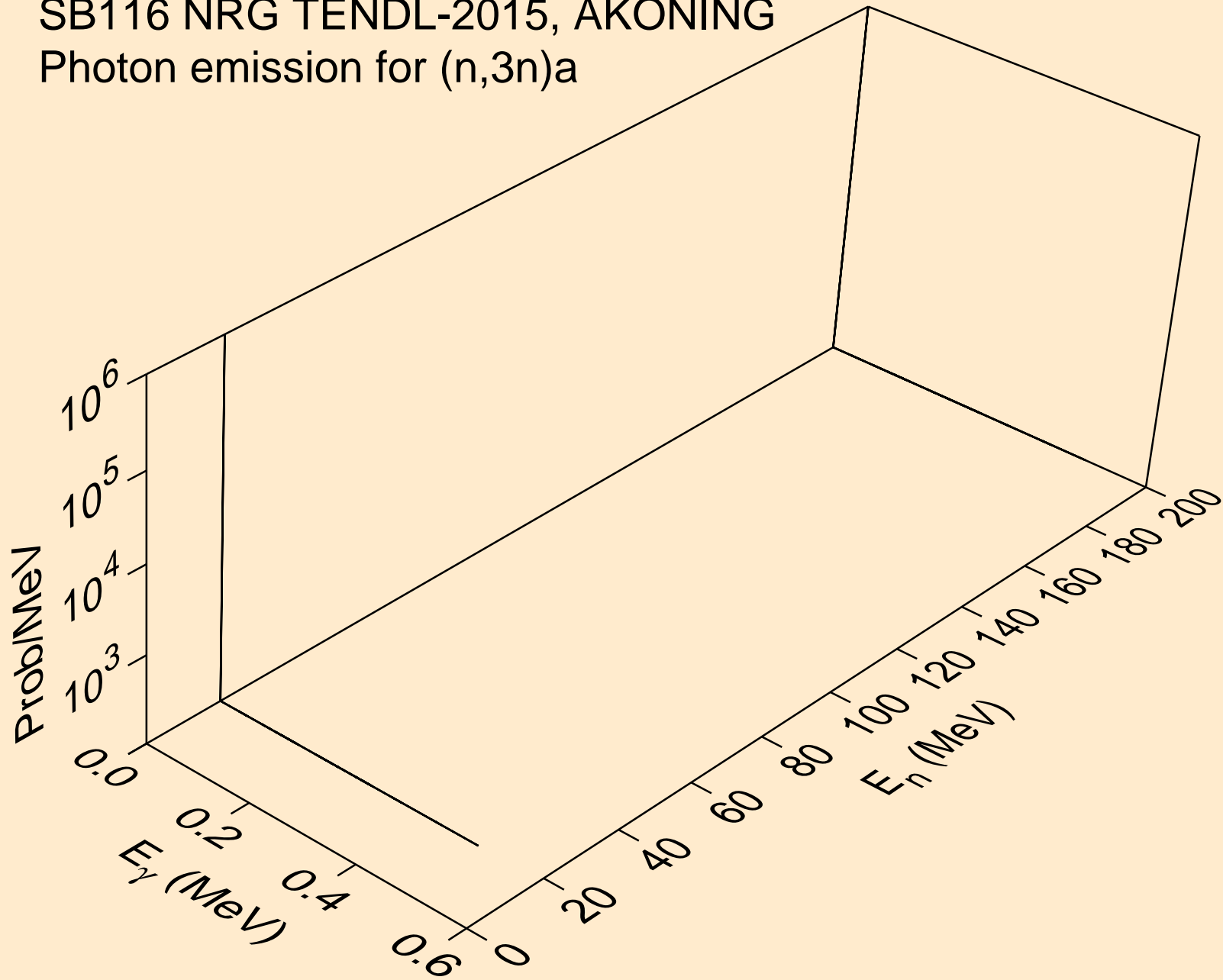




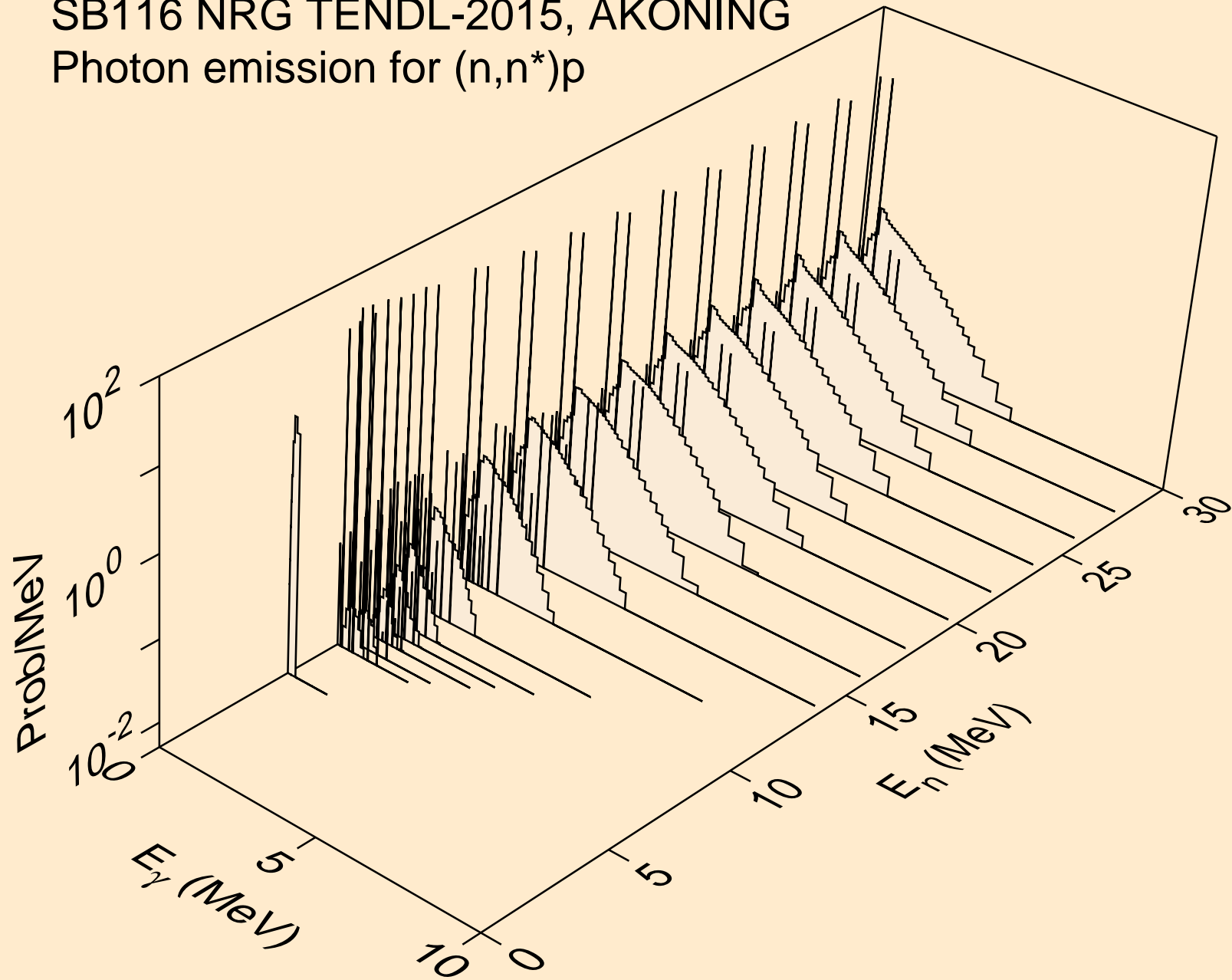
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



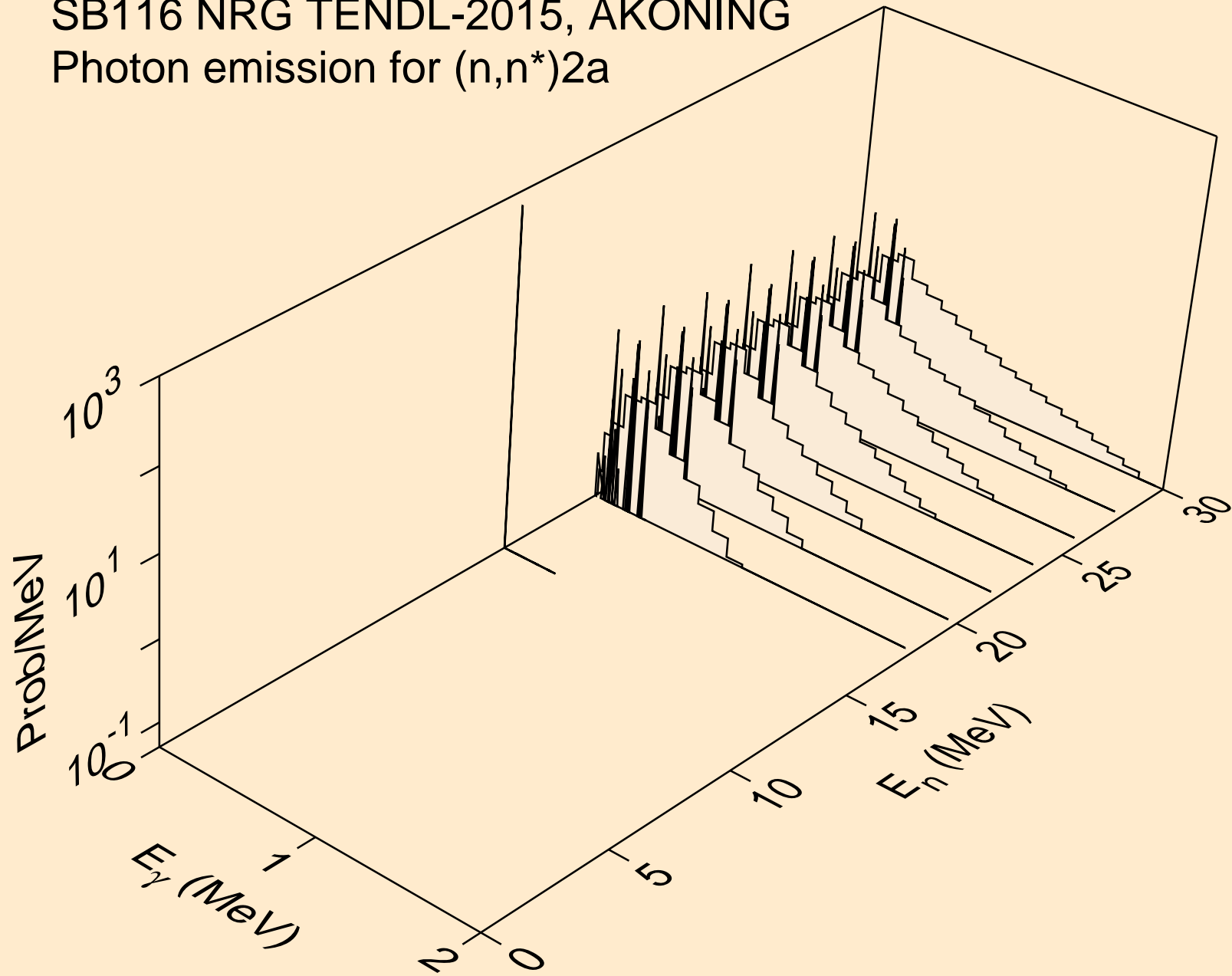
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



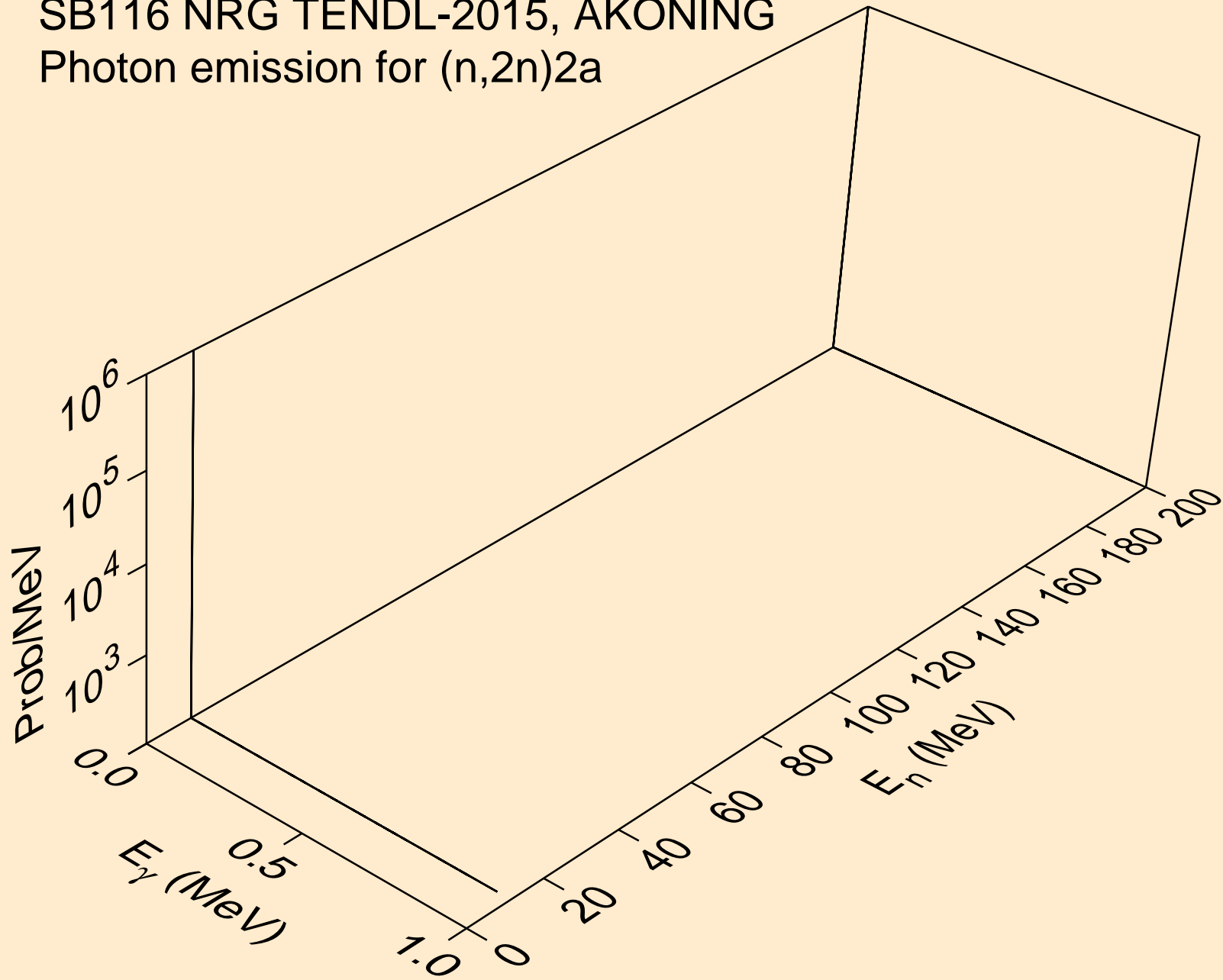
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



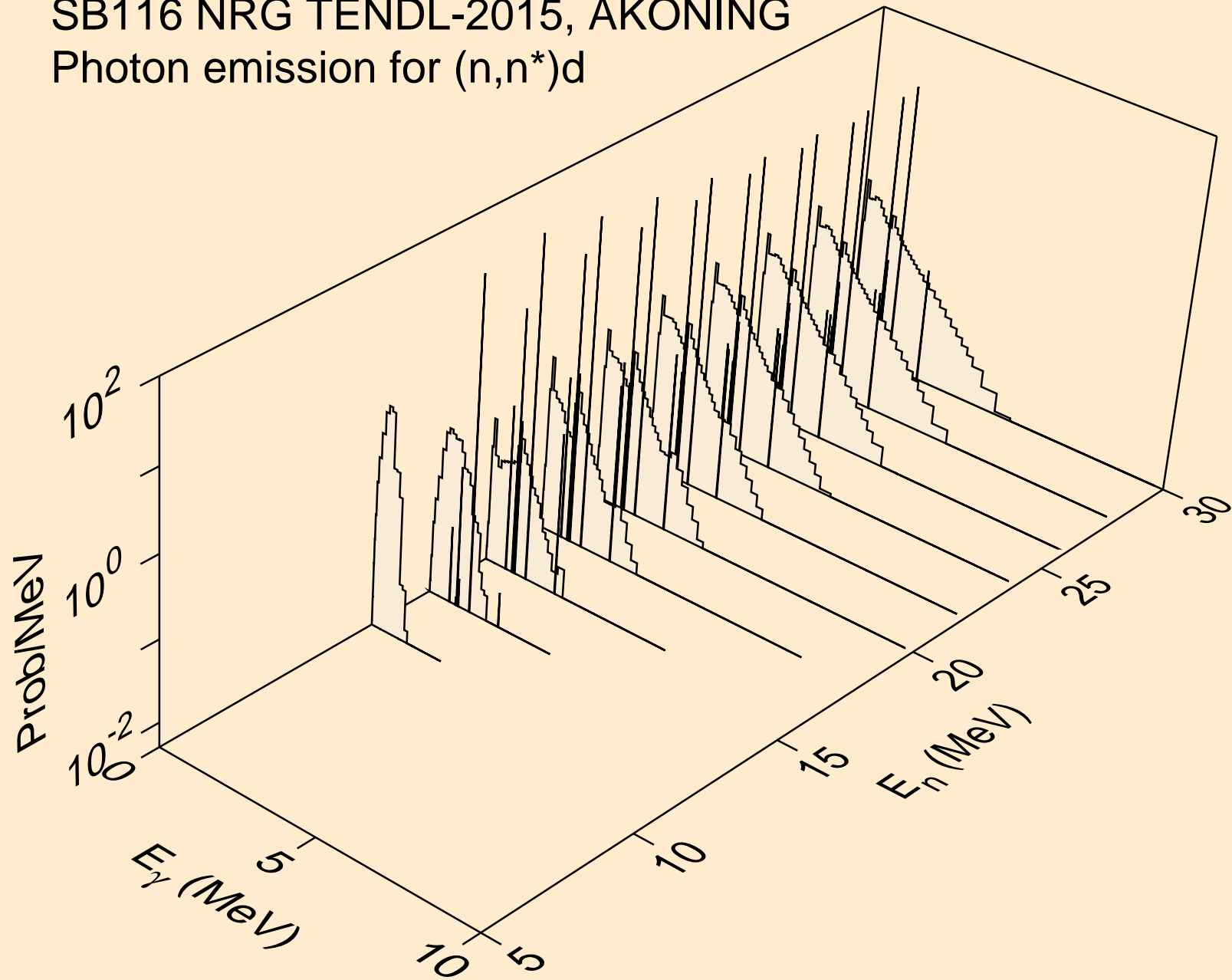
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



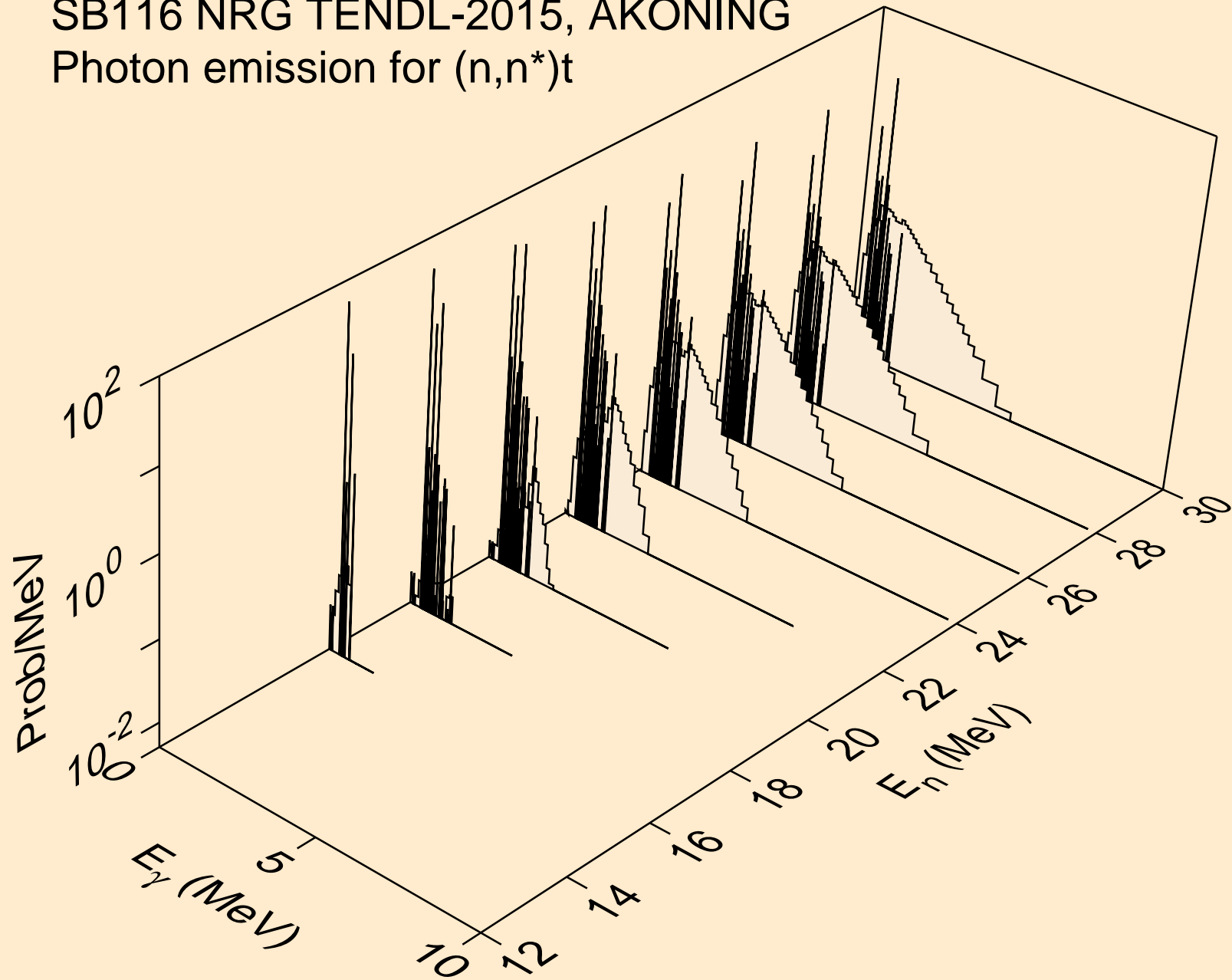
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



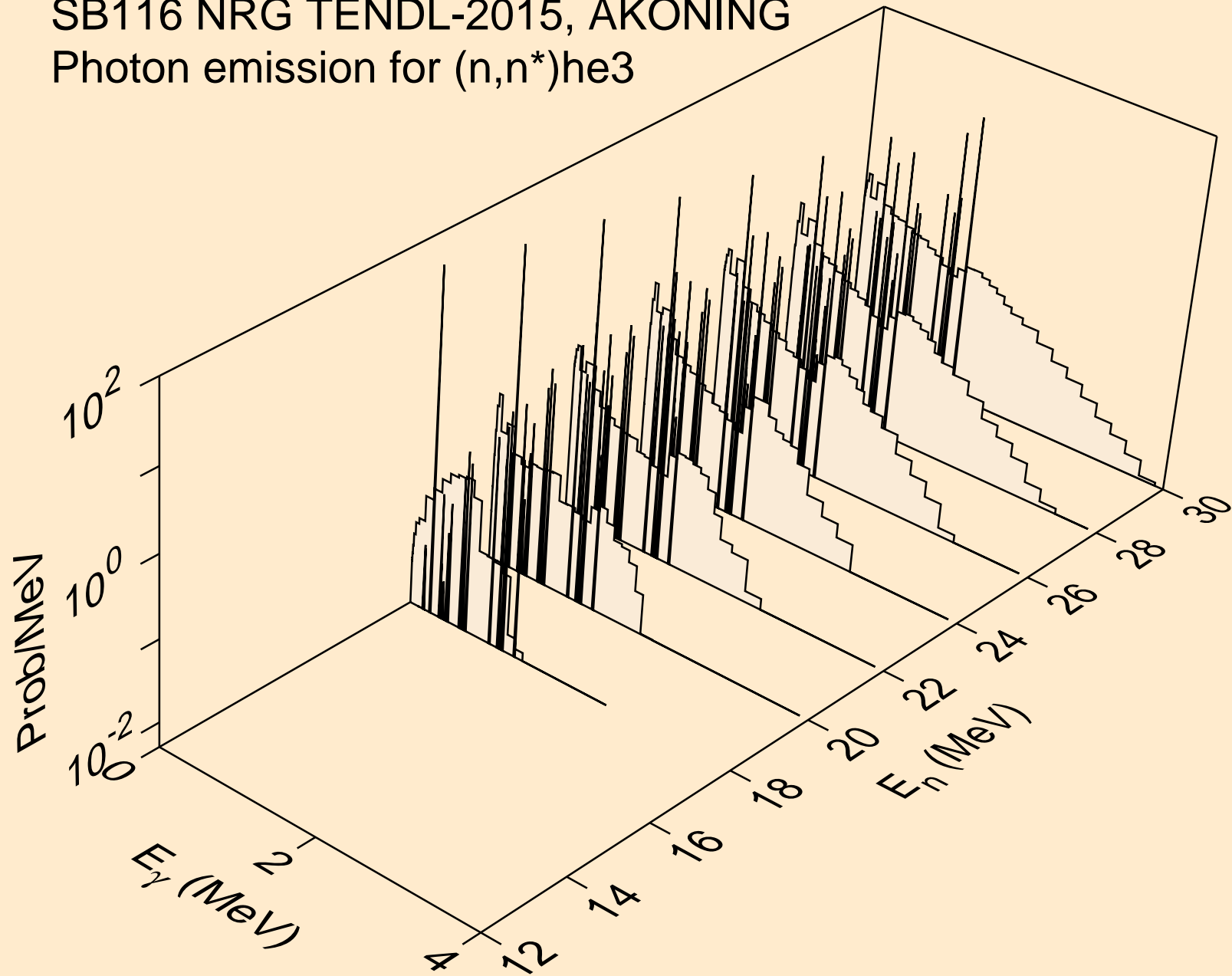
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

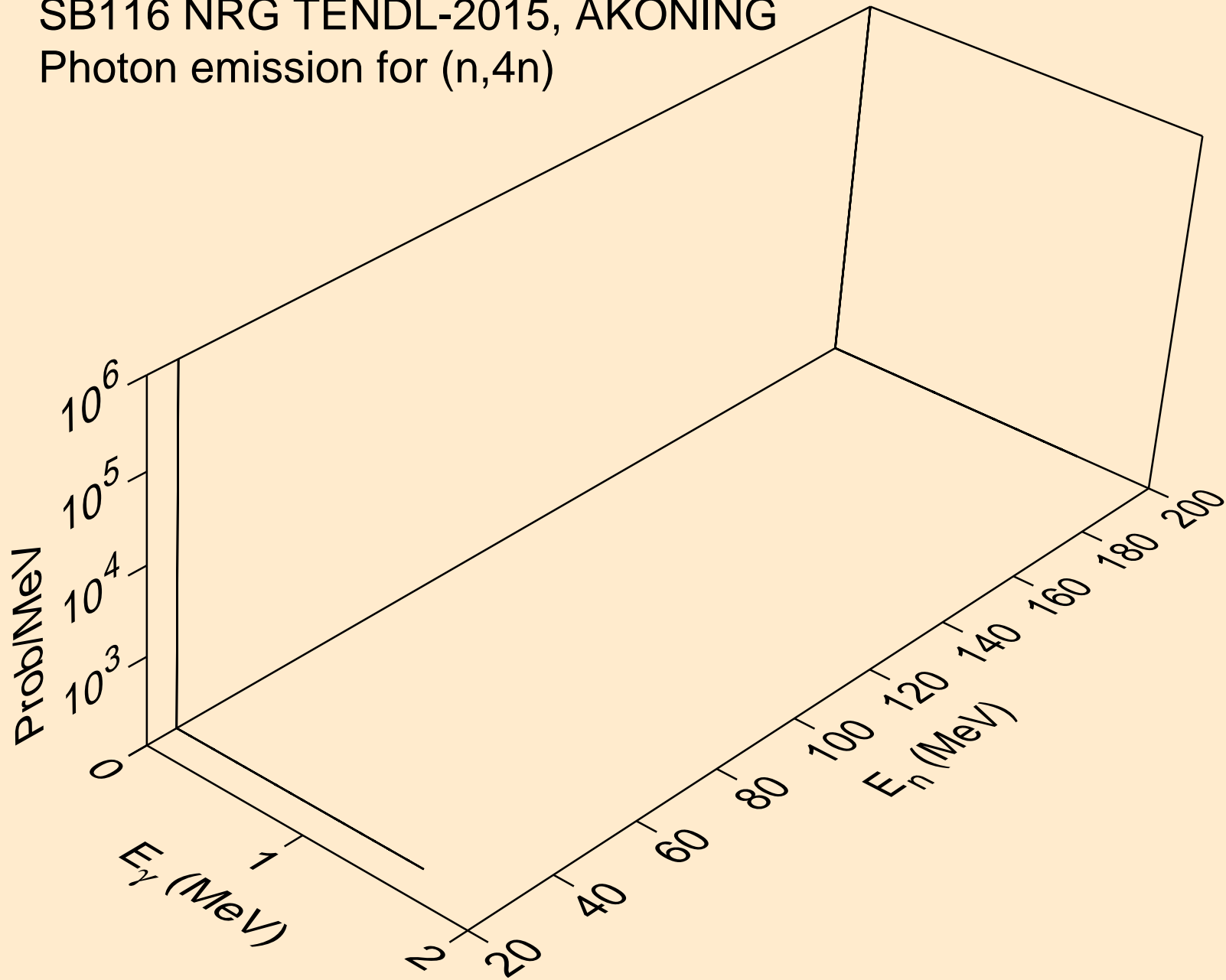


SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

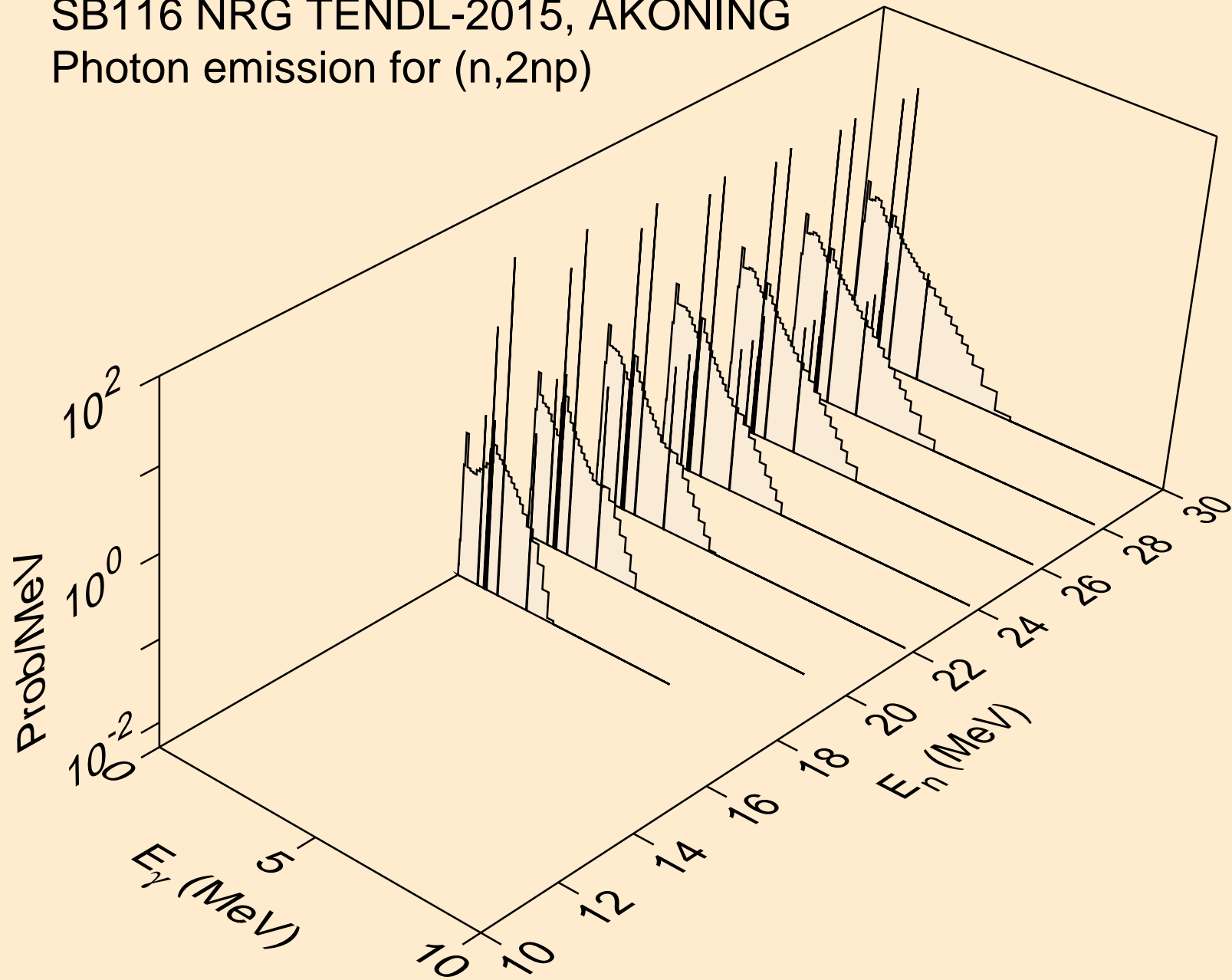




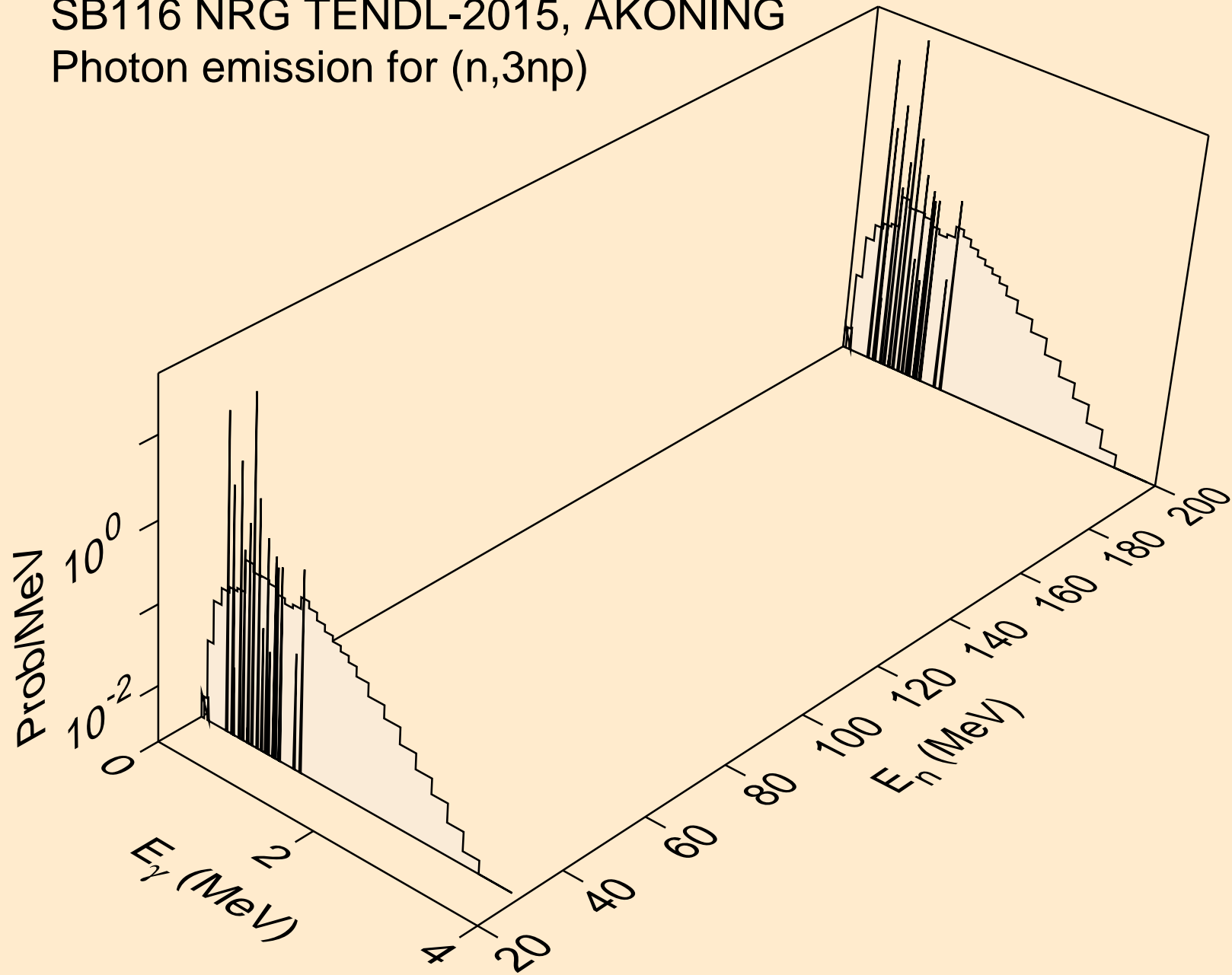
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



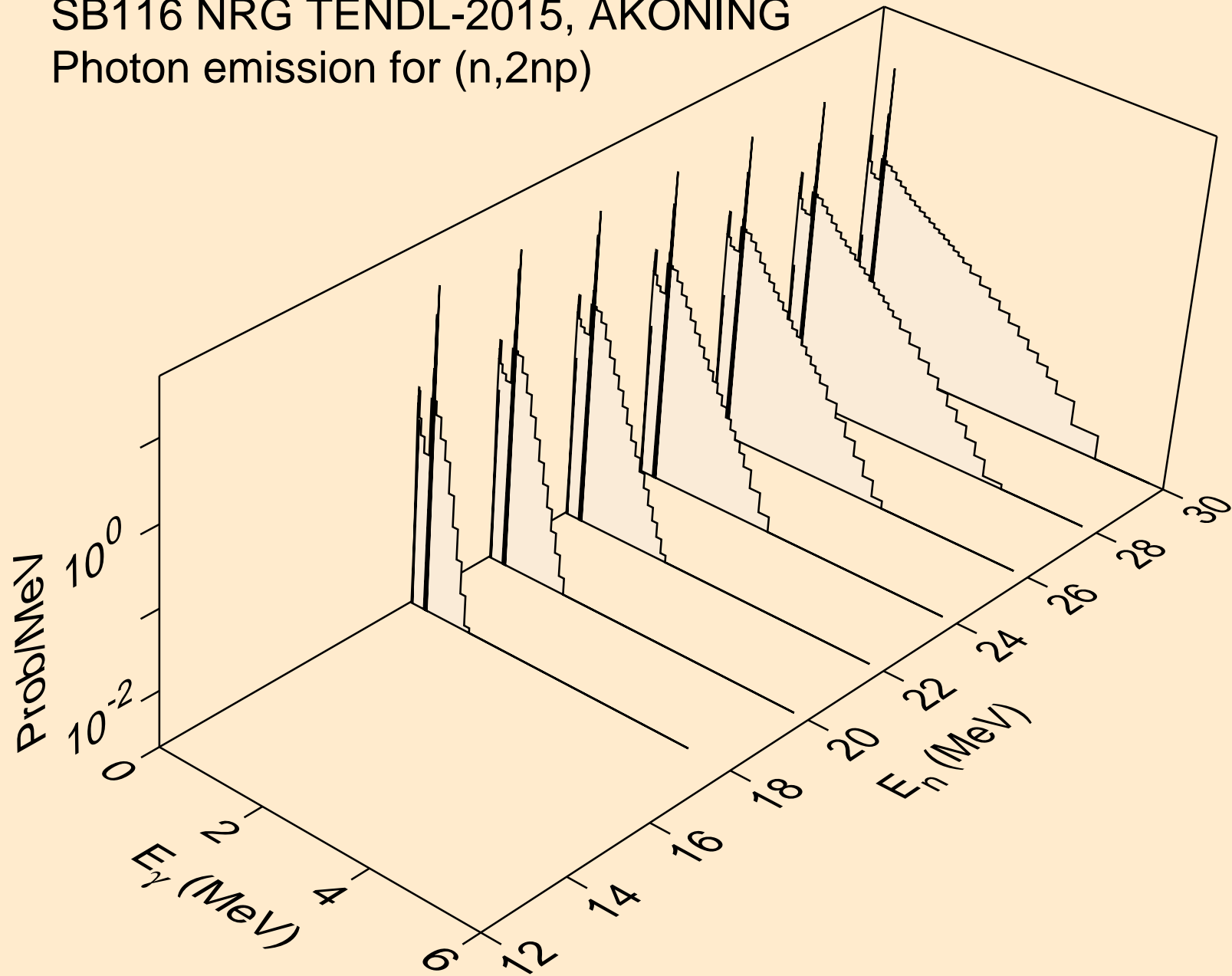
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



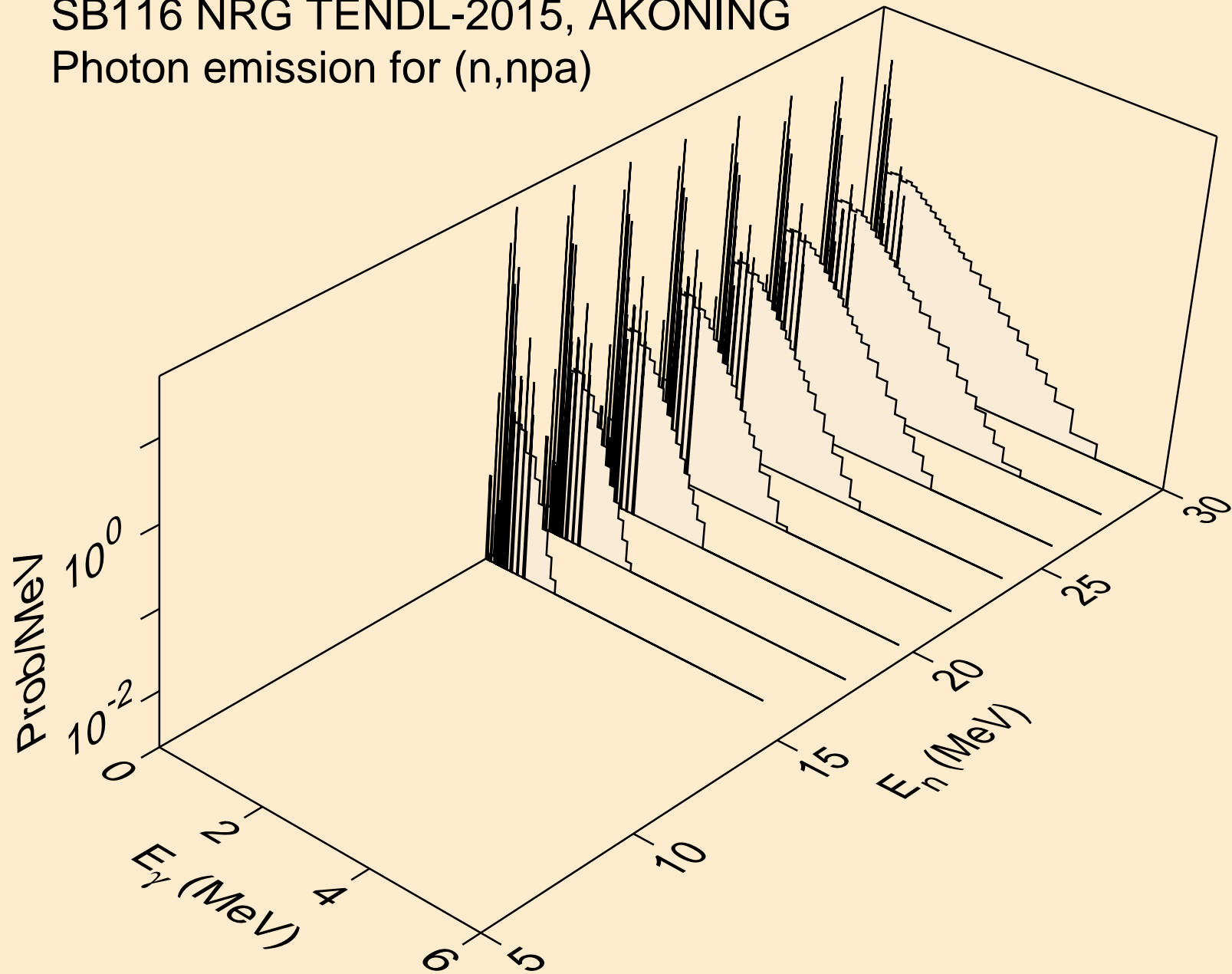
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



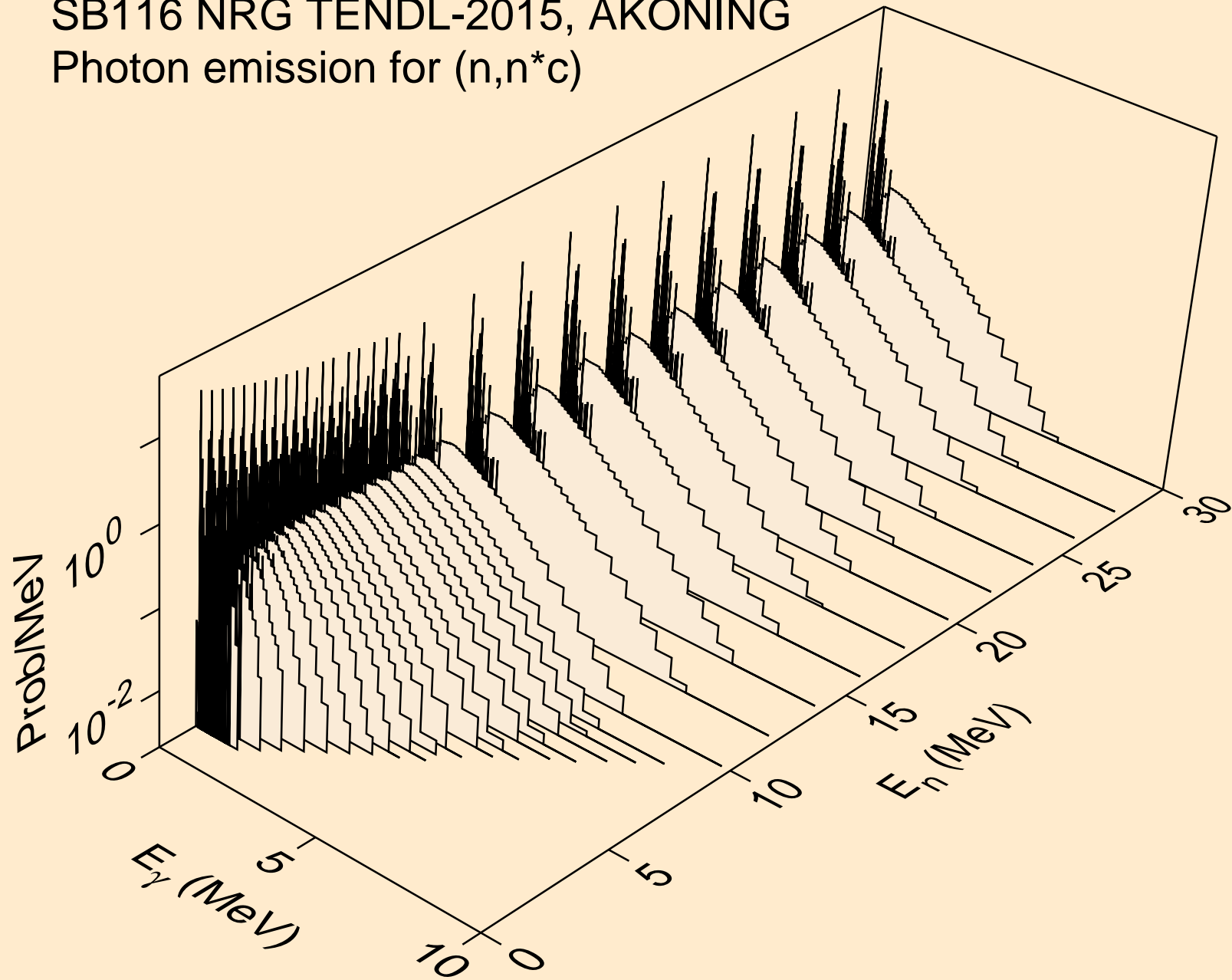
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



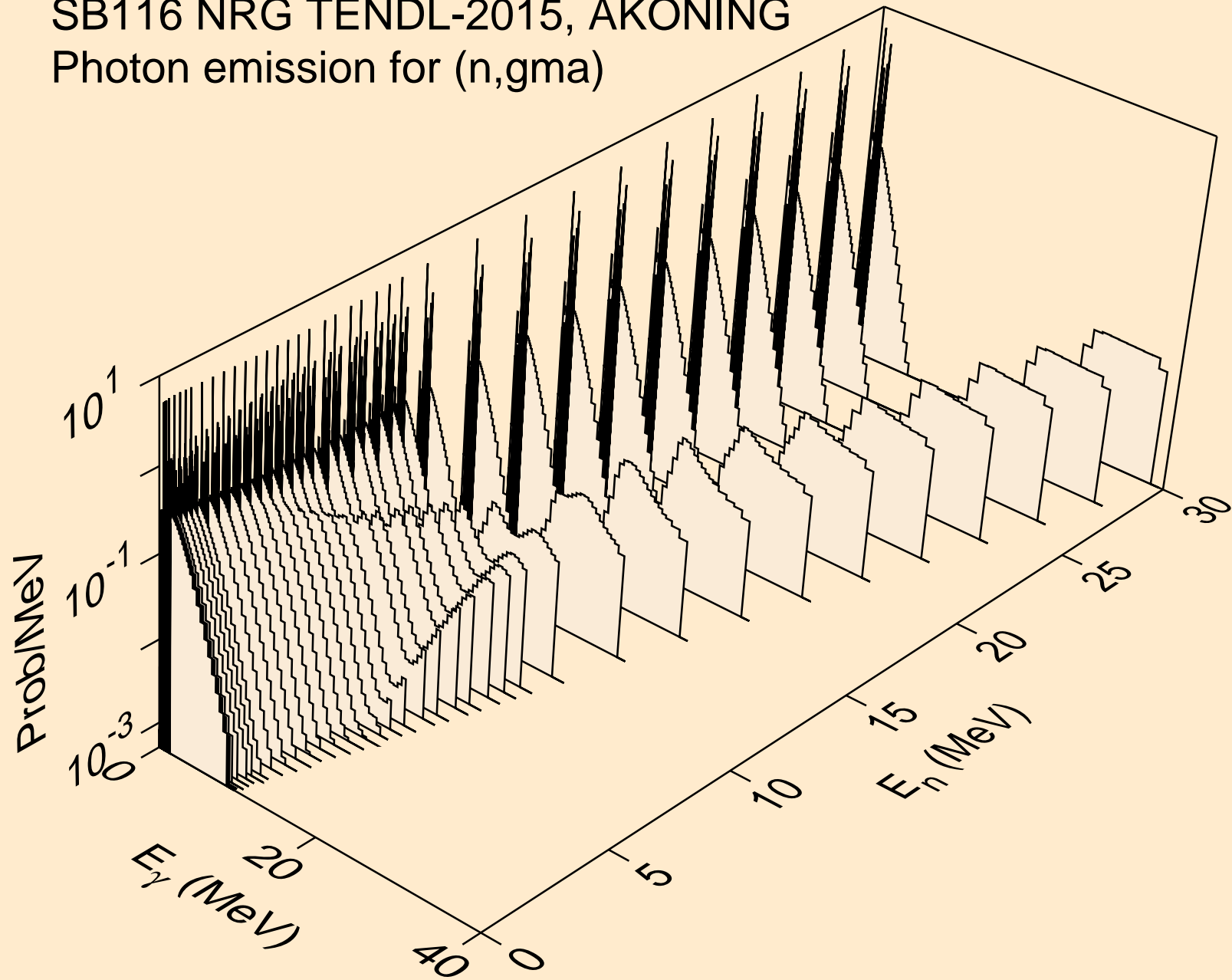
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



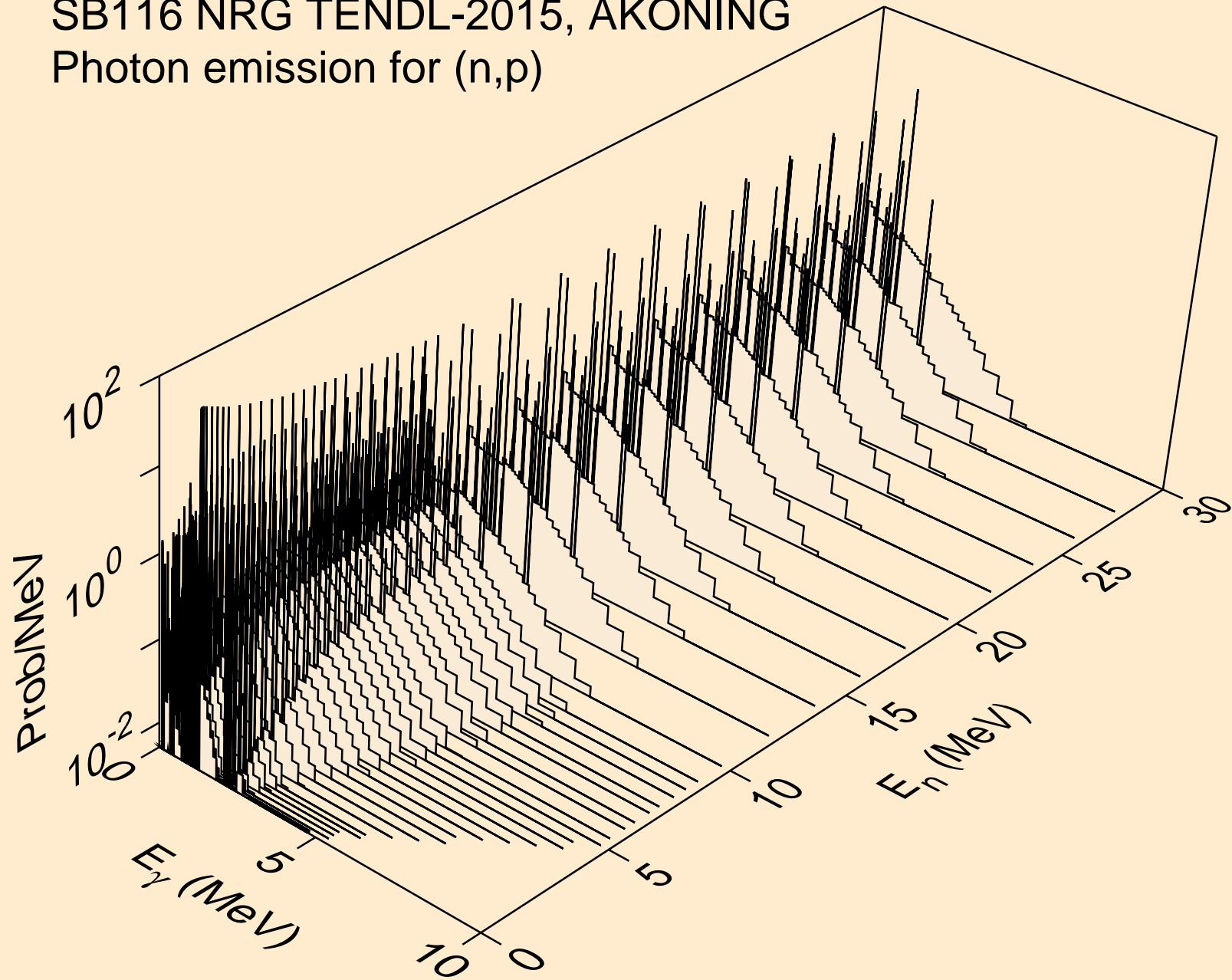
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

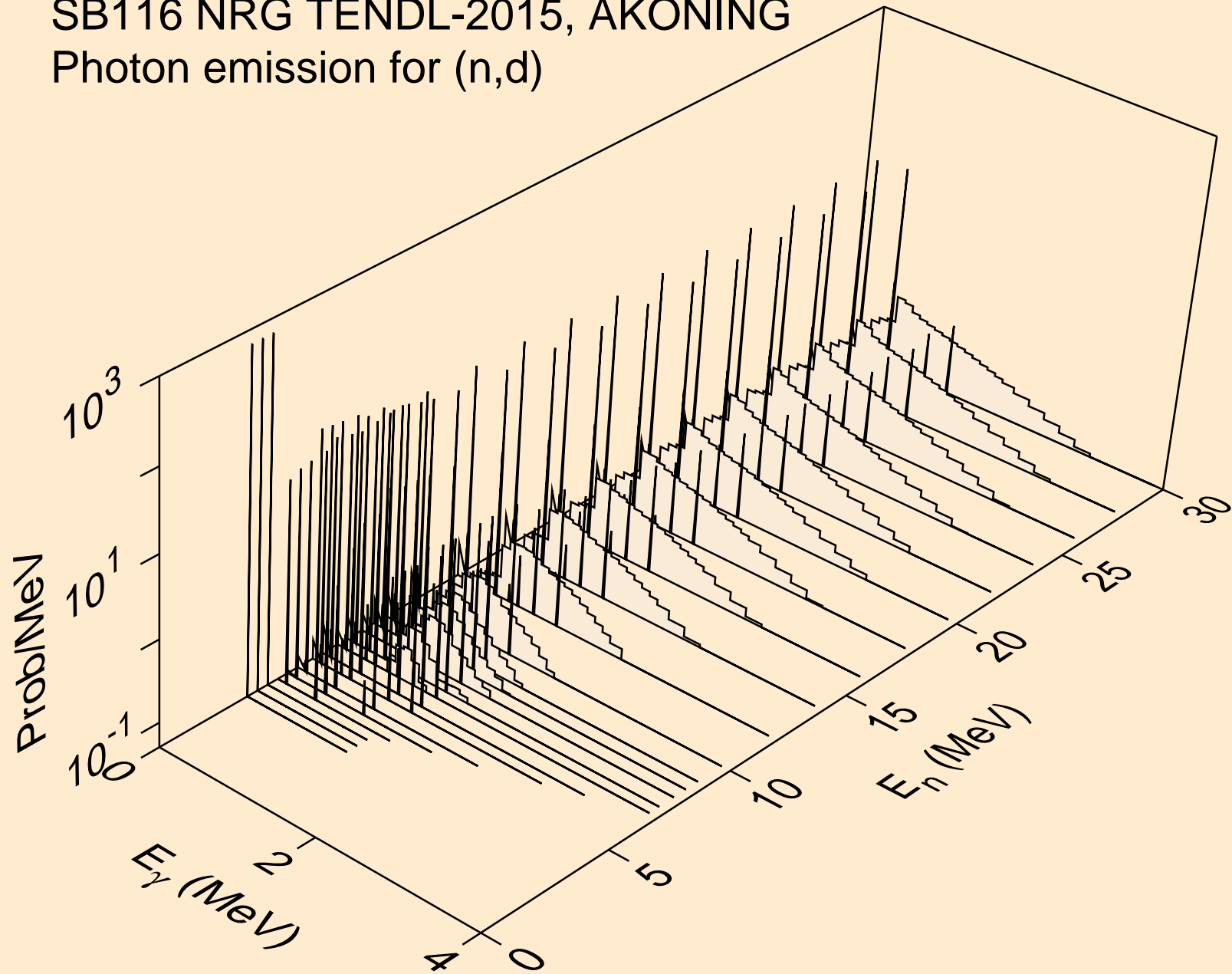


SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

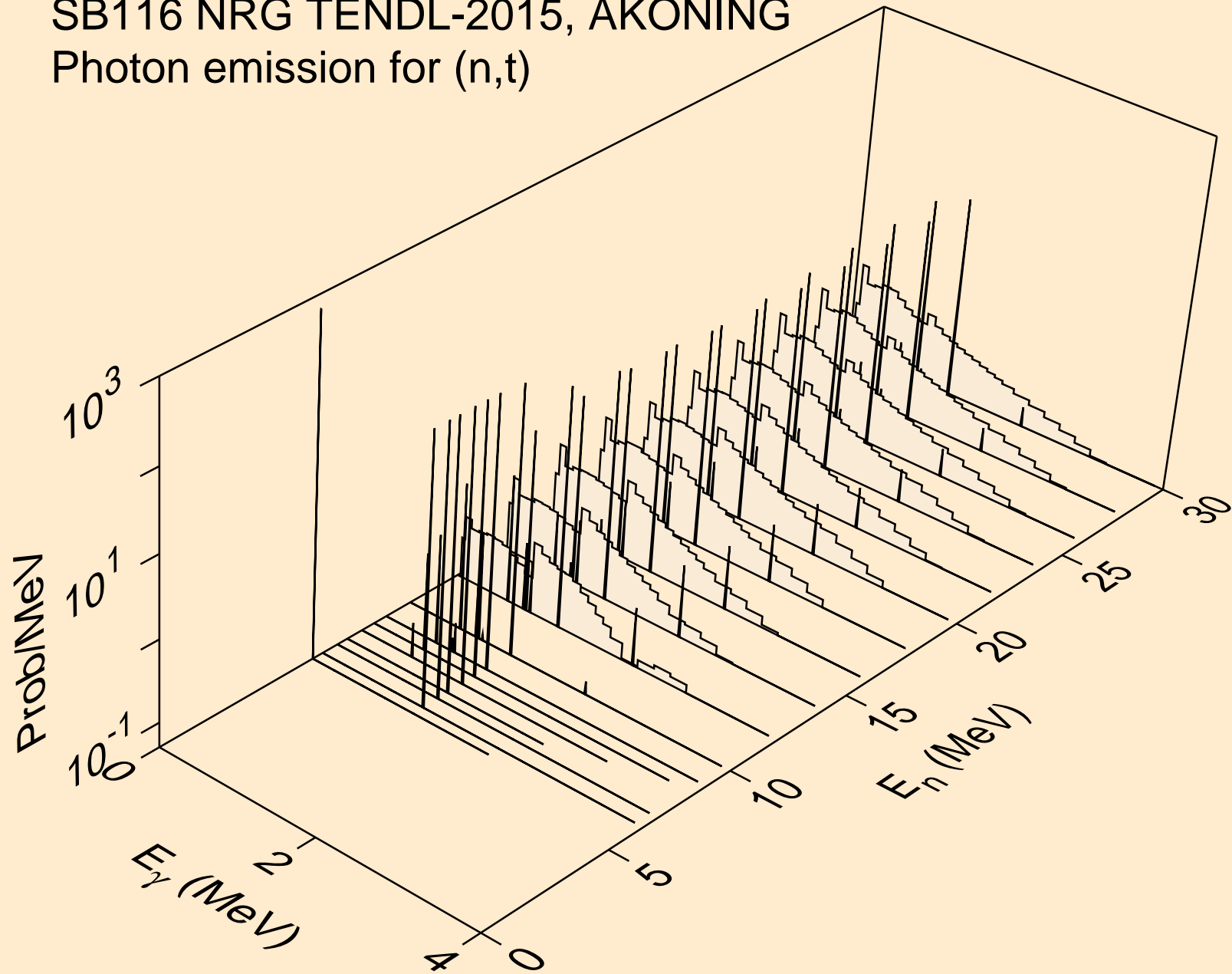




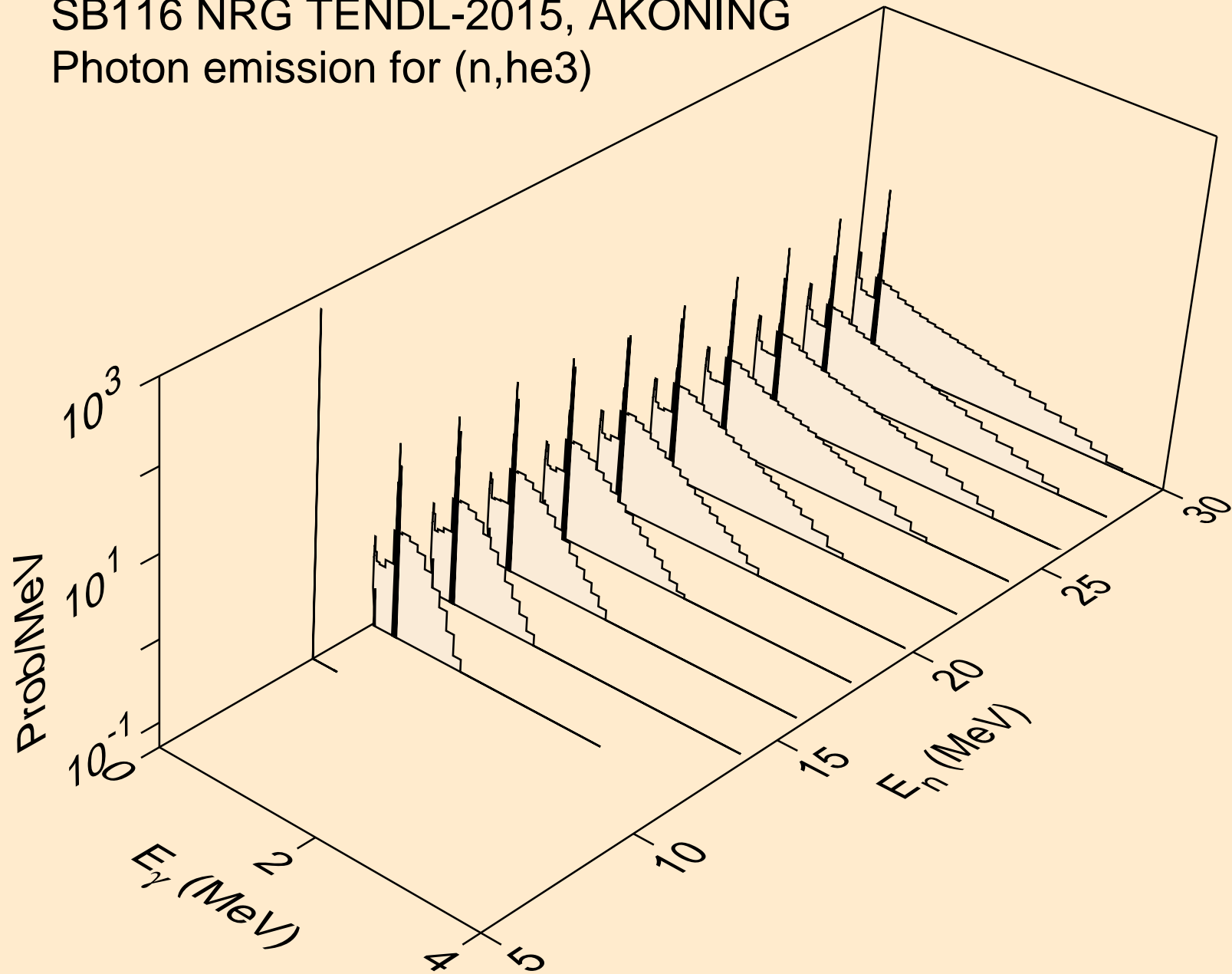
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



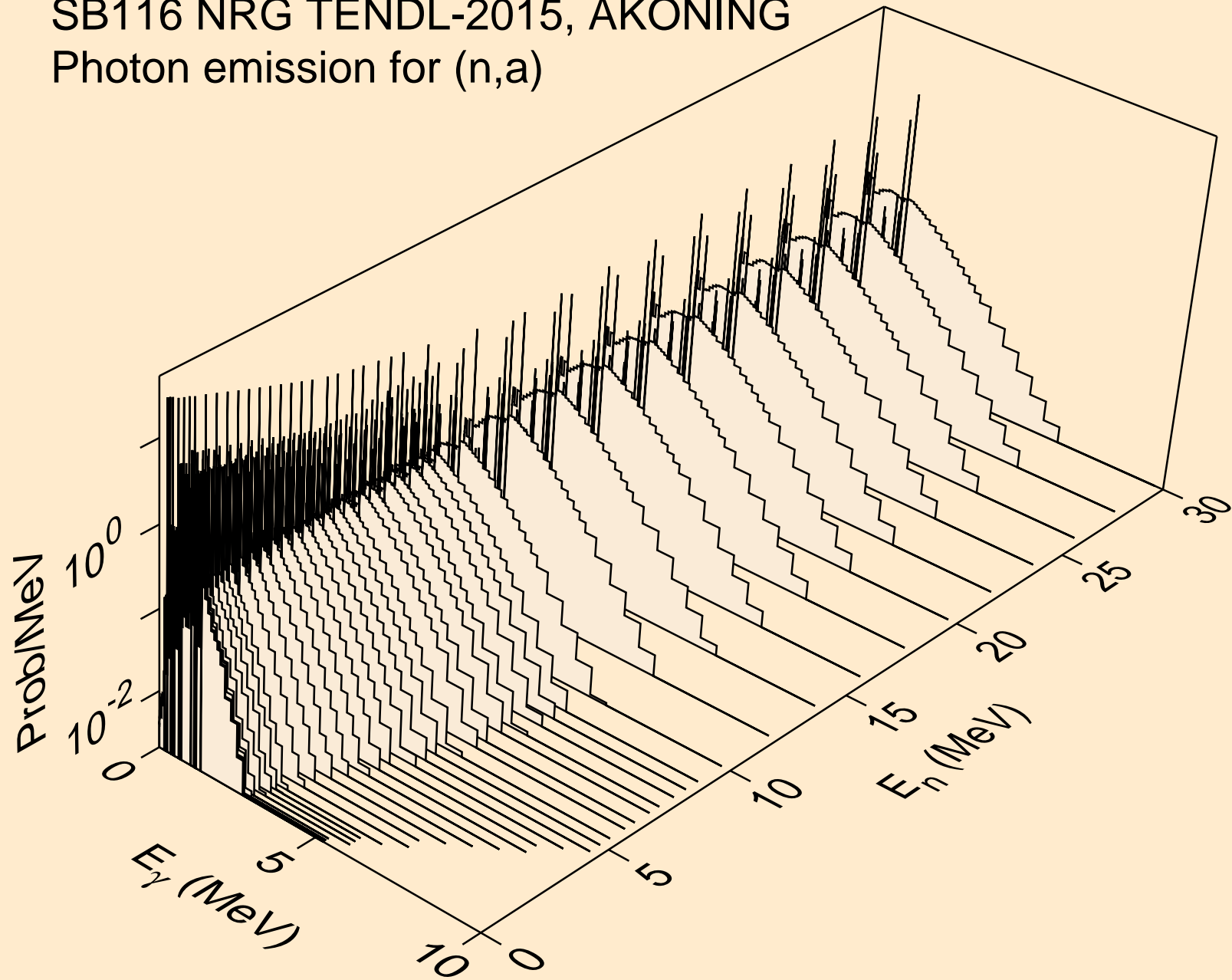
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



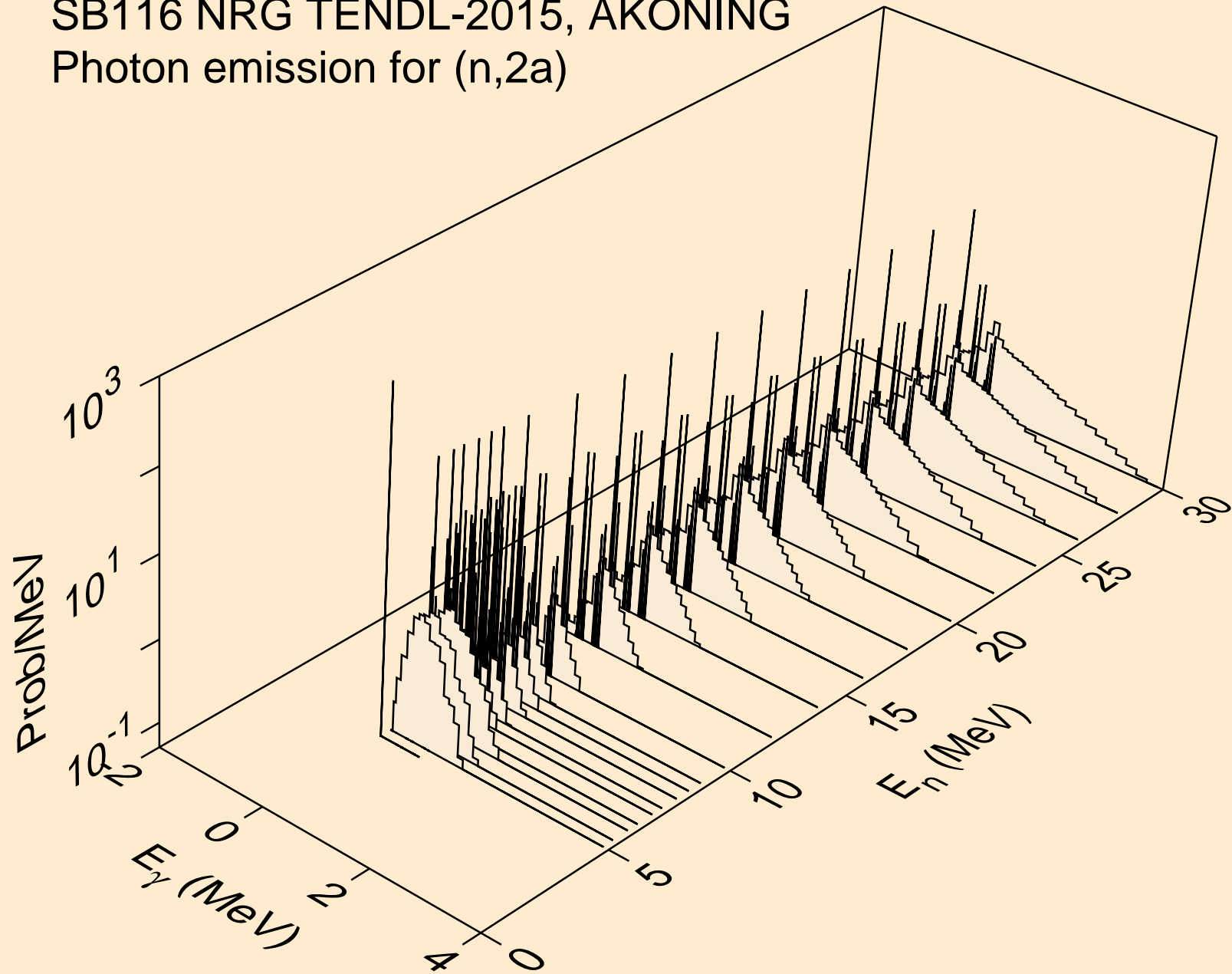
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



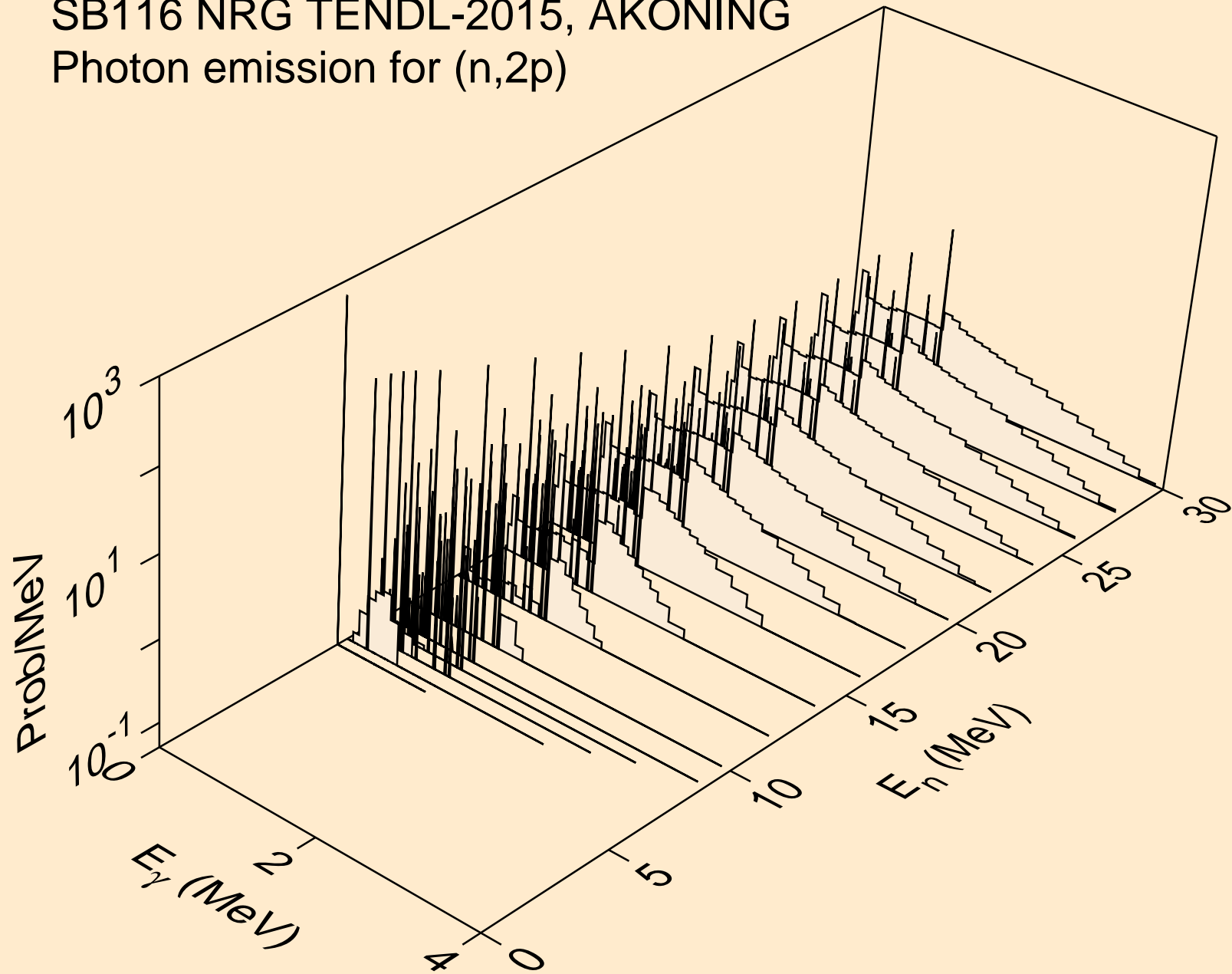
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



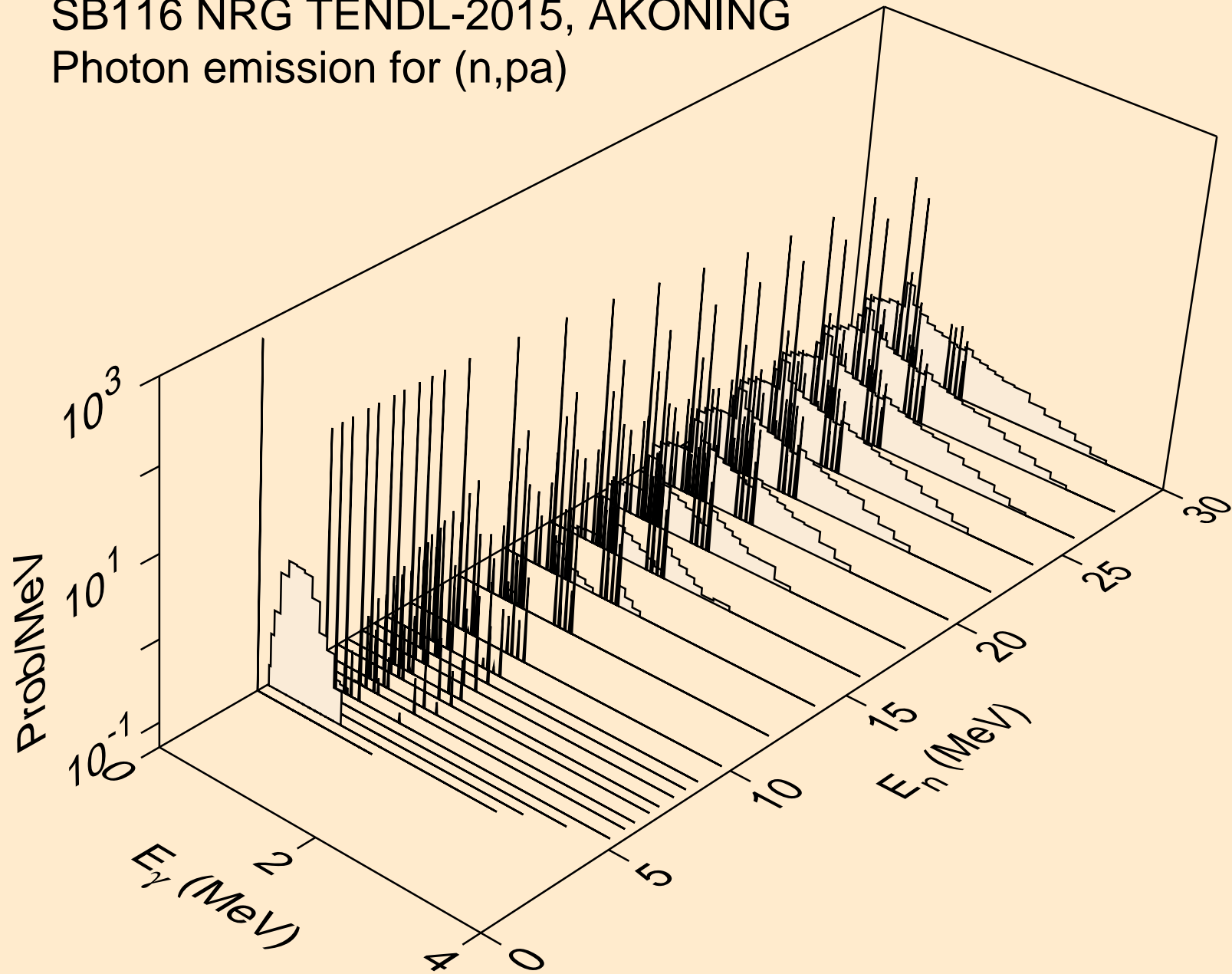
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



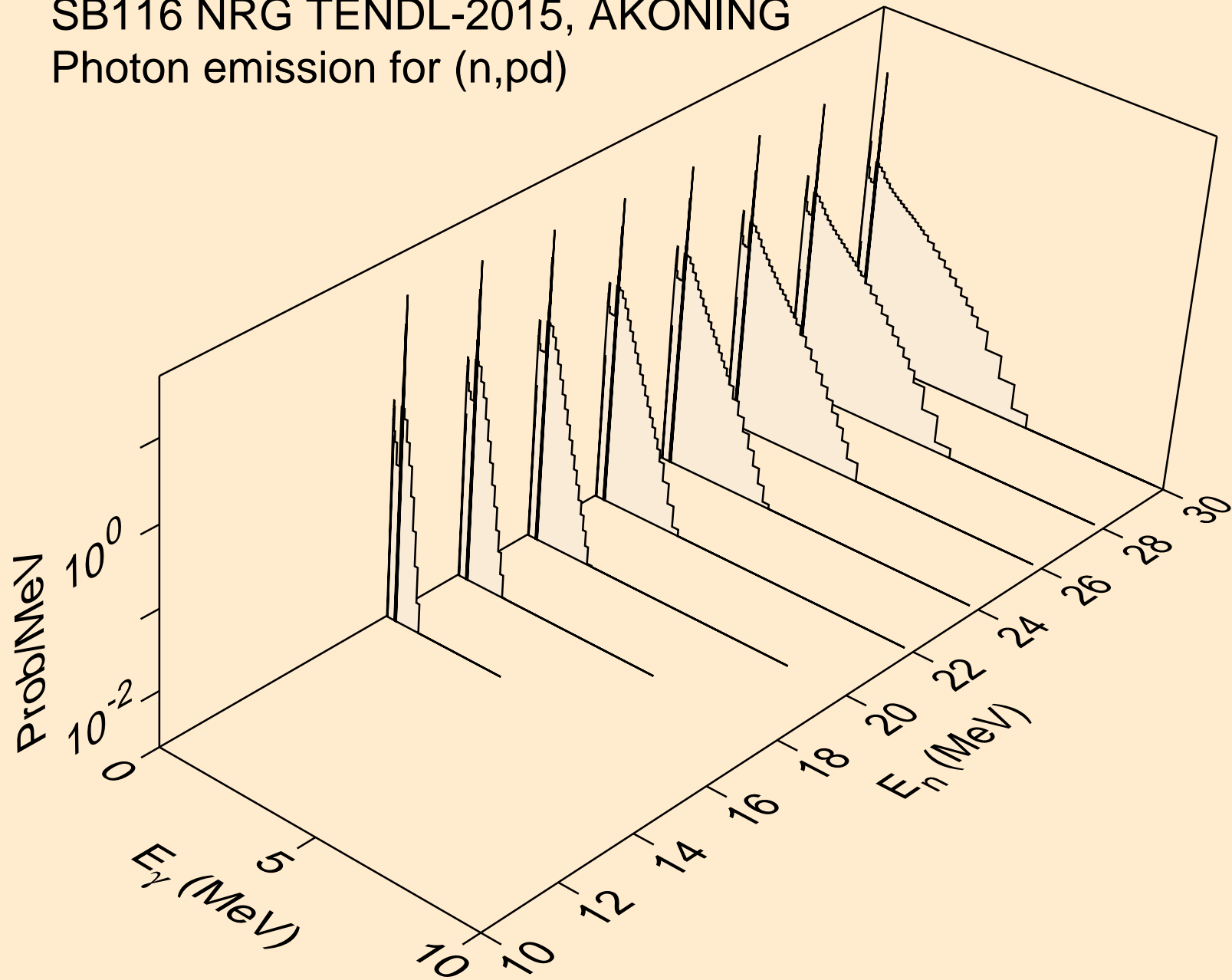
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

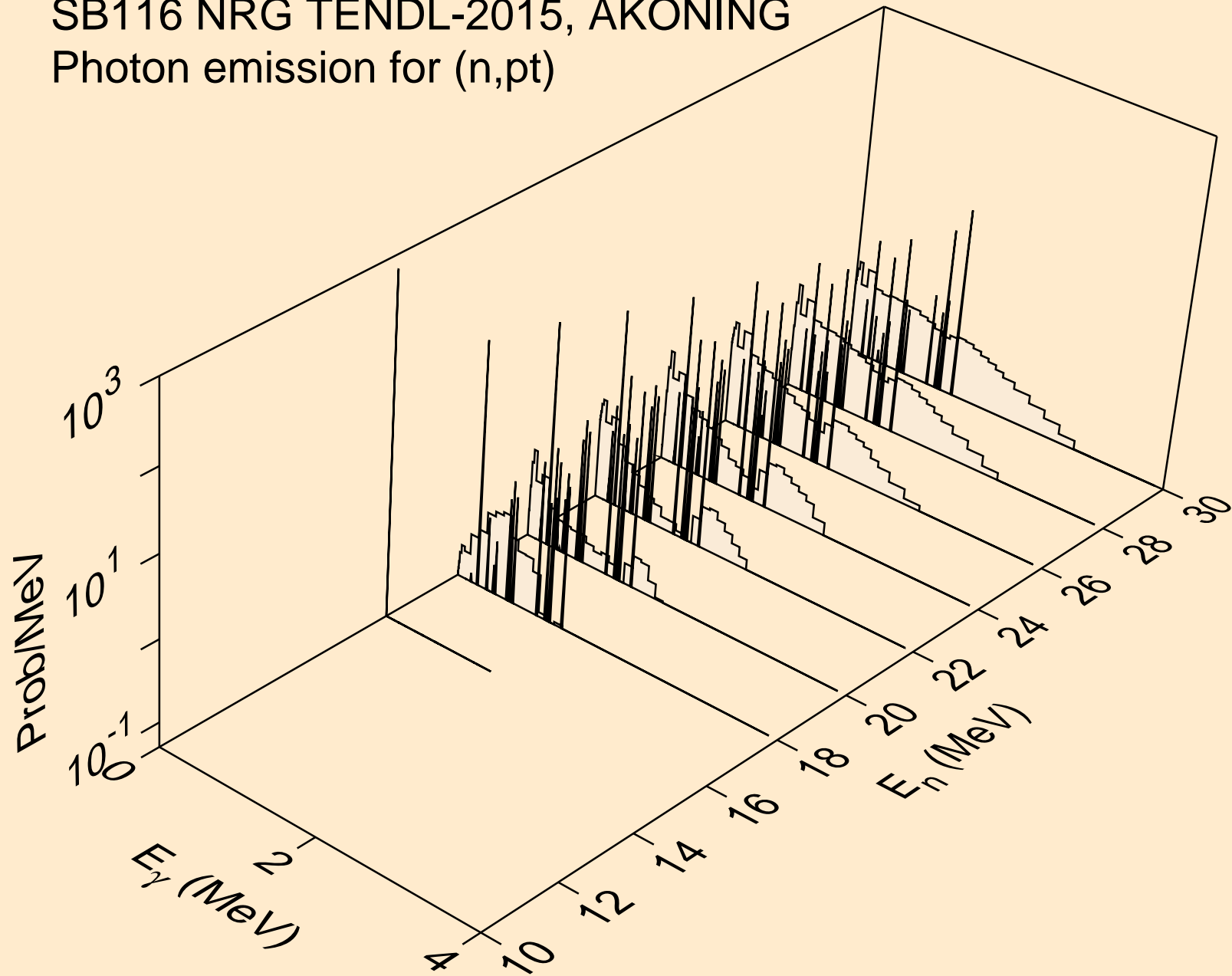


SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

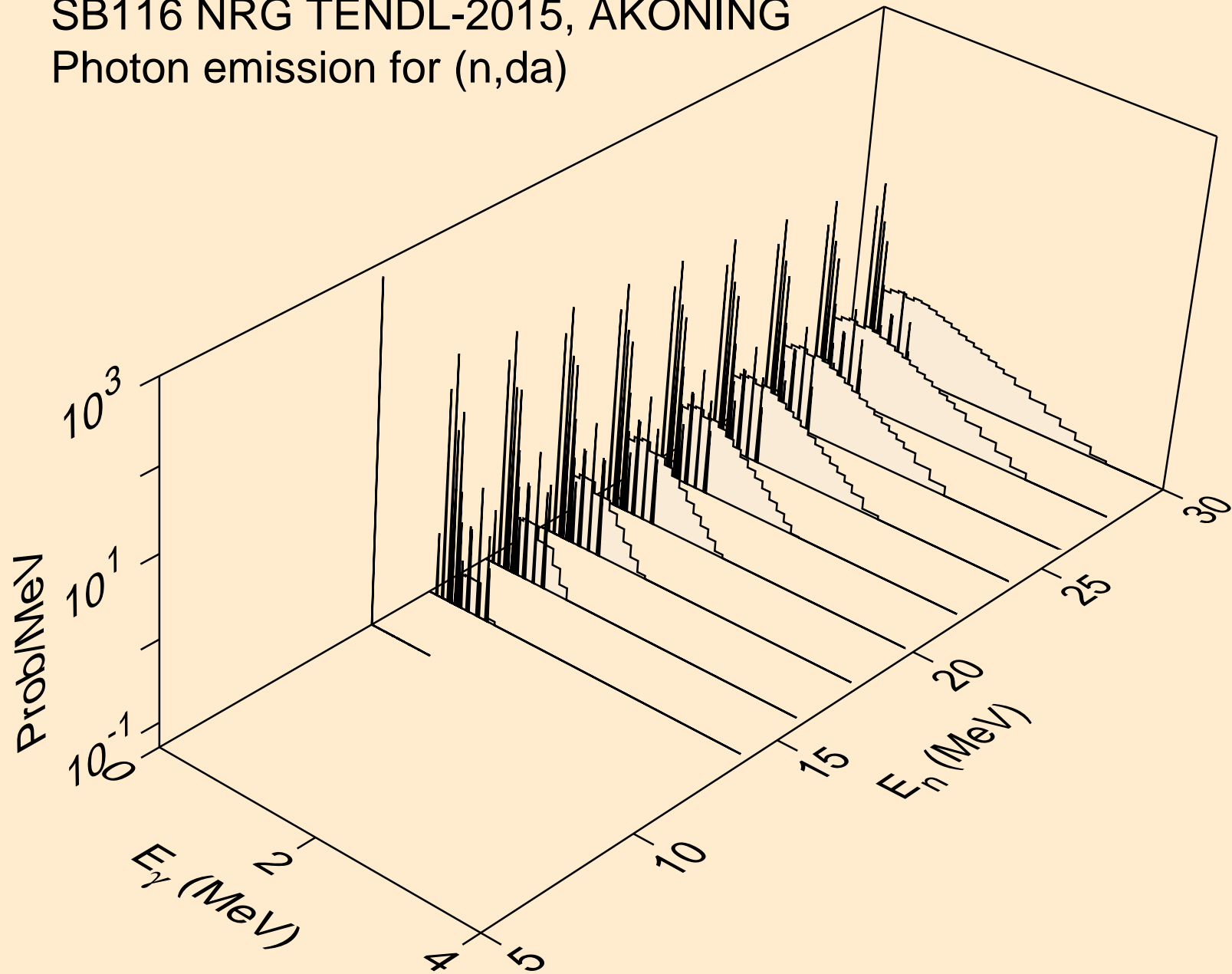




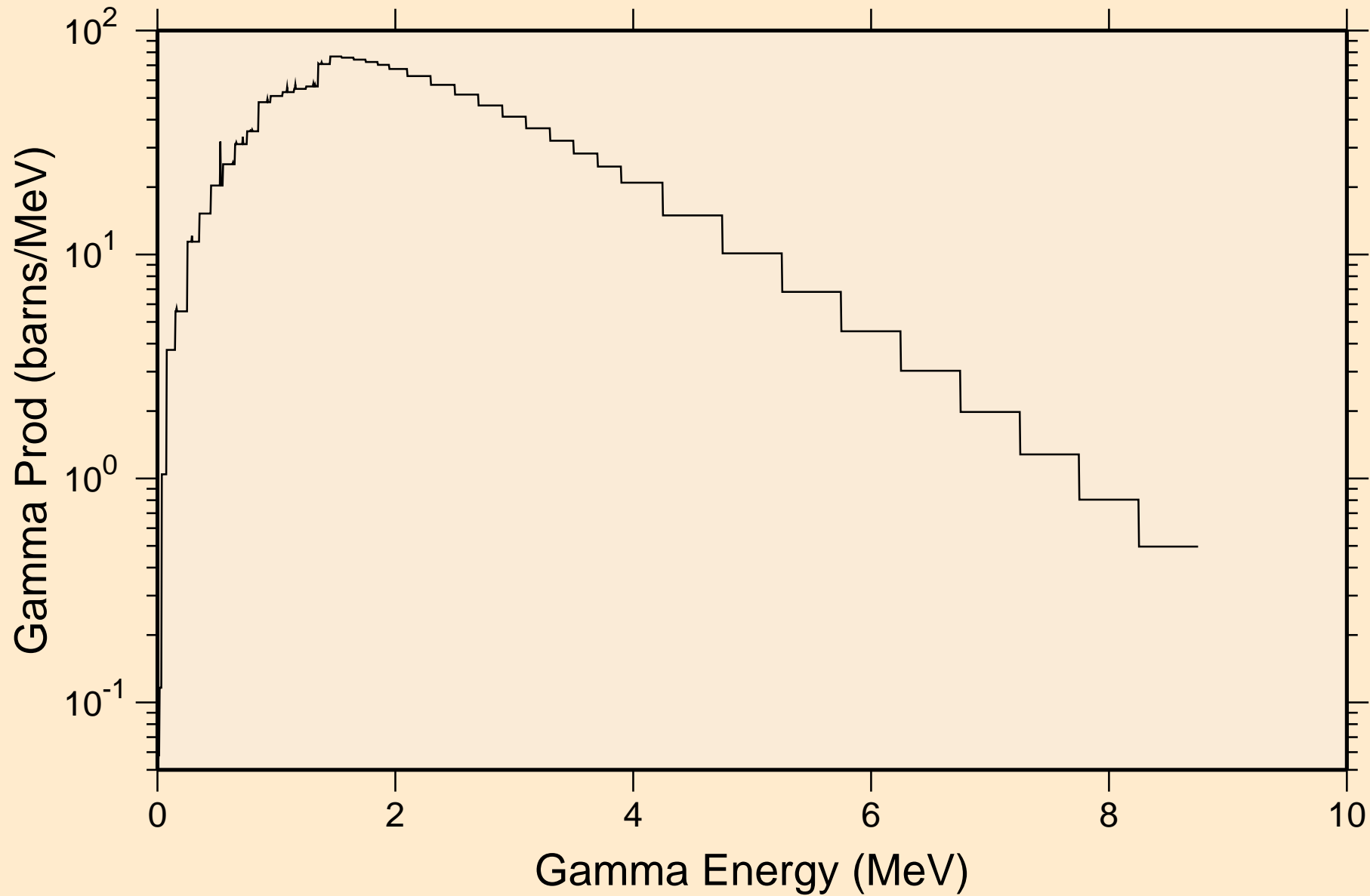
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



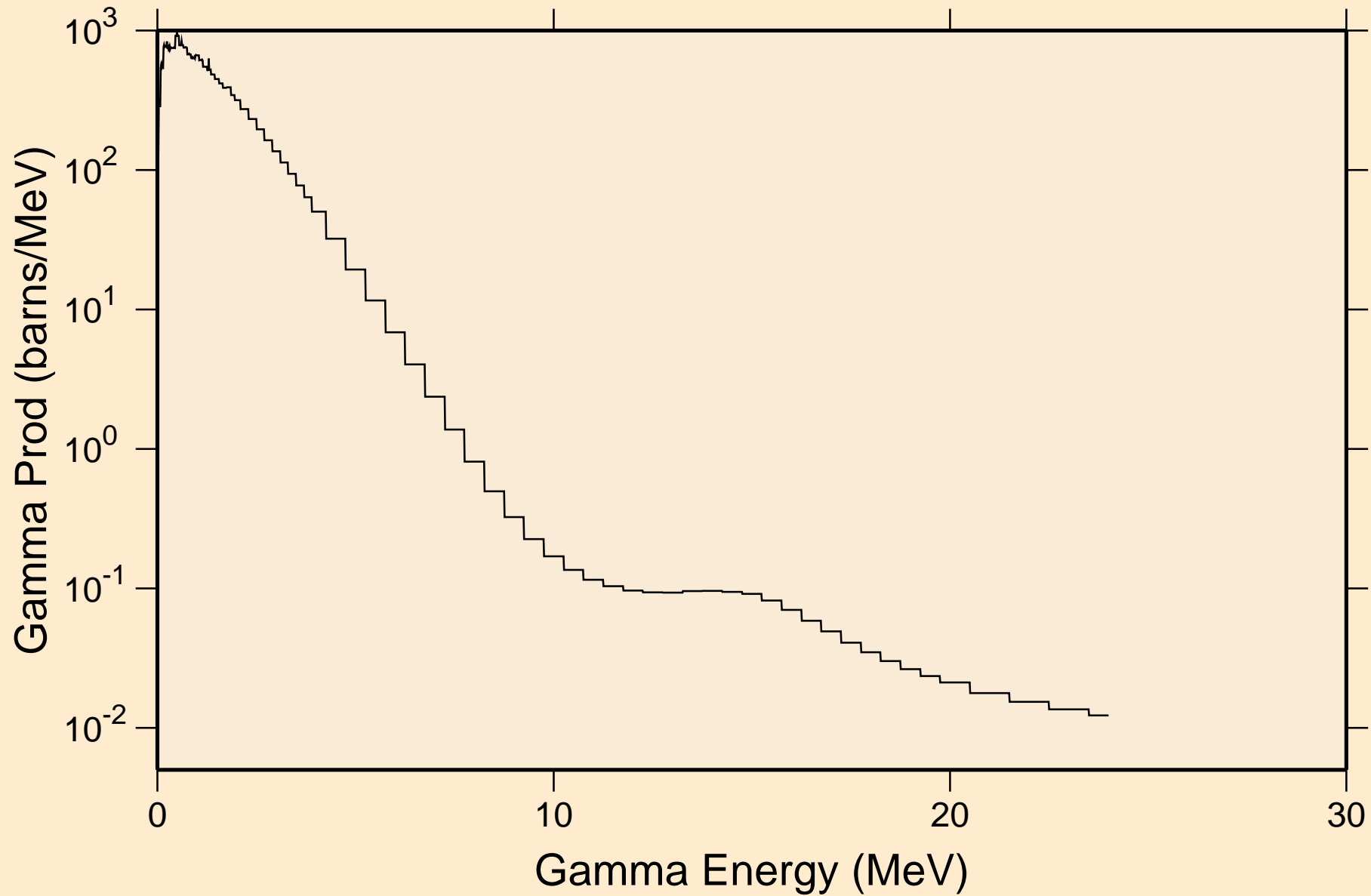
SB116 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SB116 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

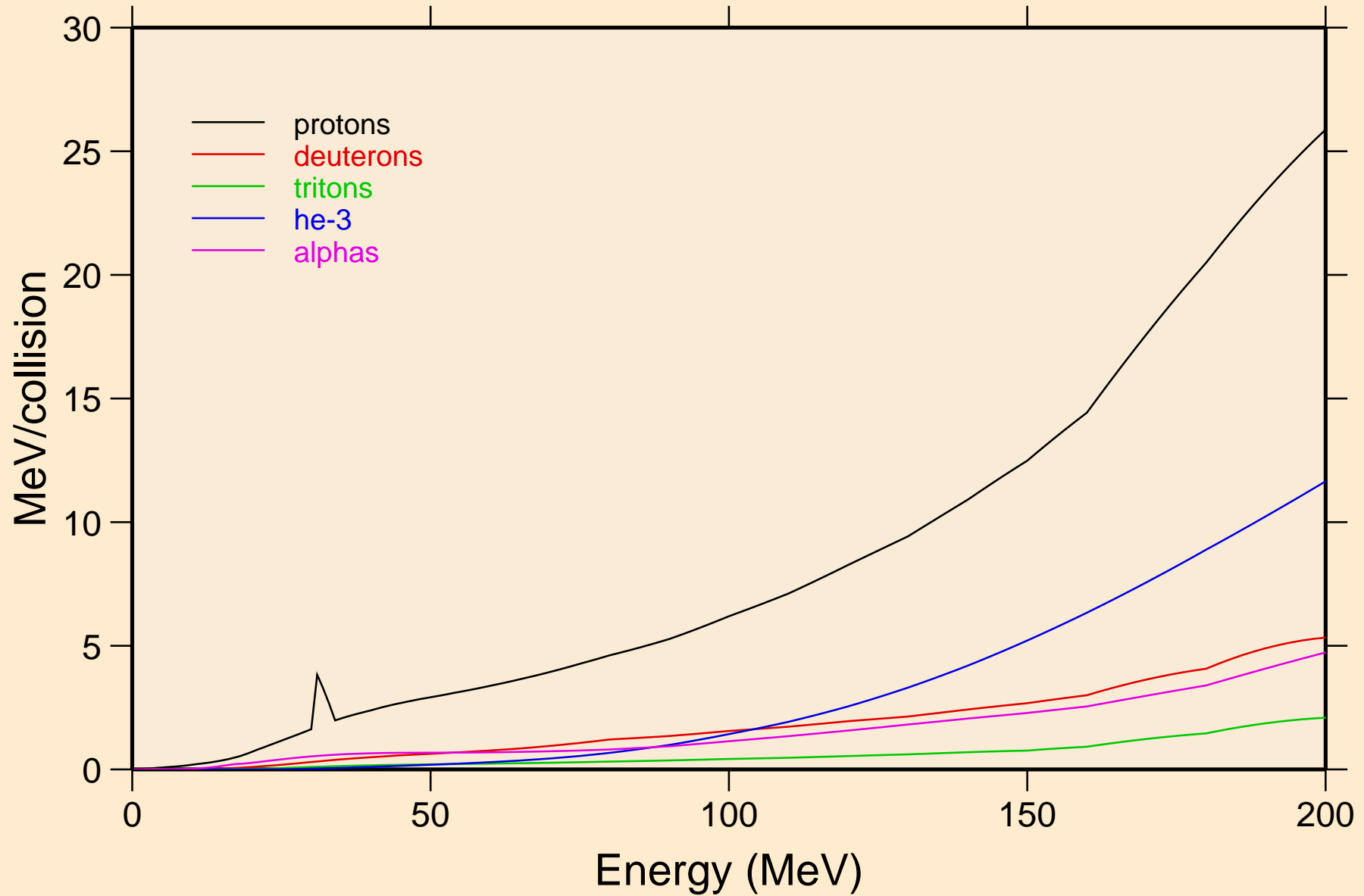


SB116 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



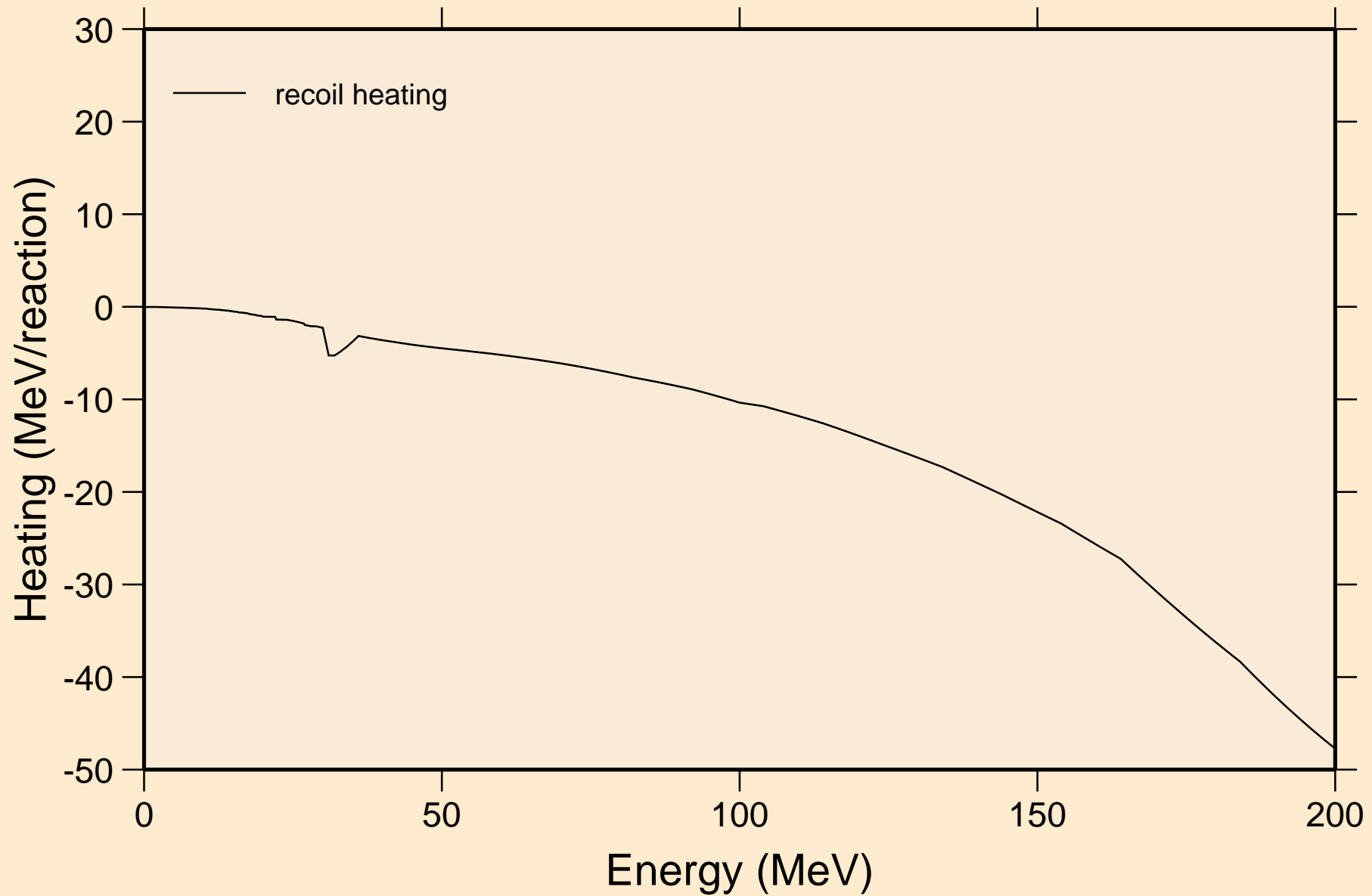
# SB116 NRG TENDL-2015, AKONING

## Particle heating contributions



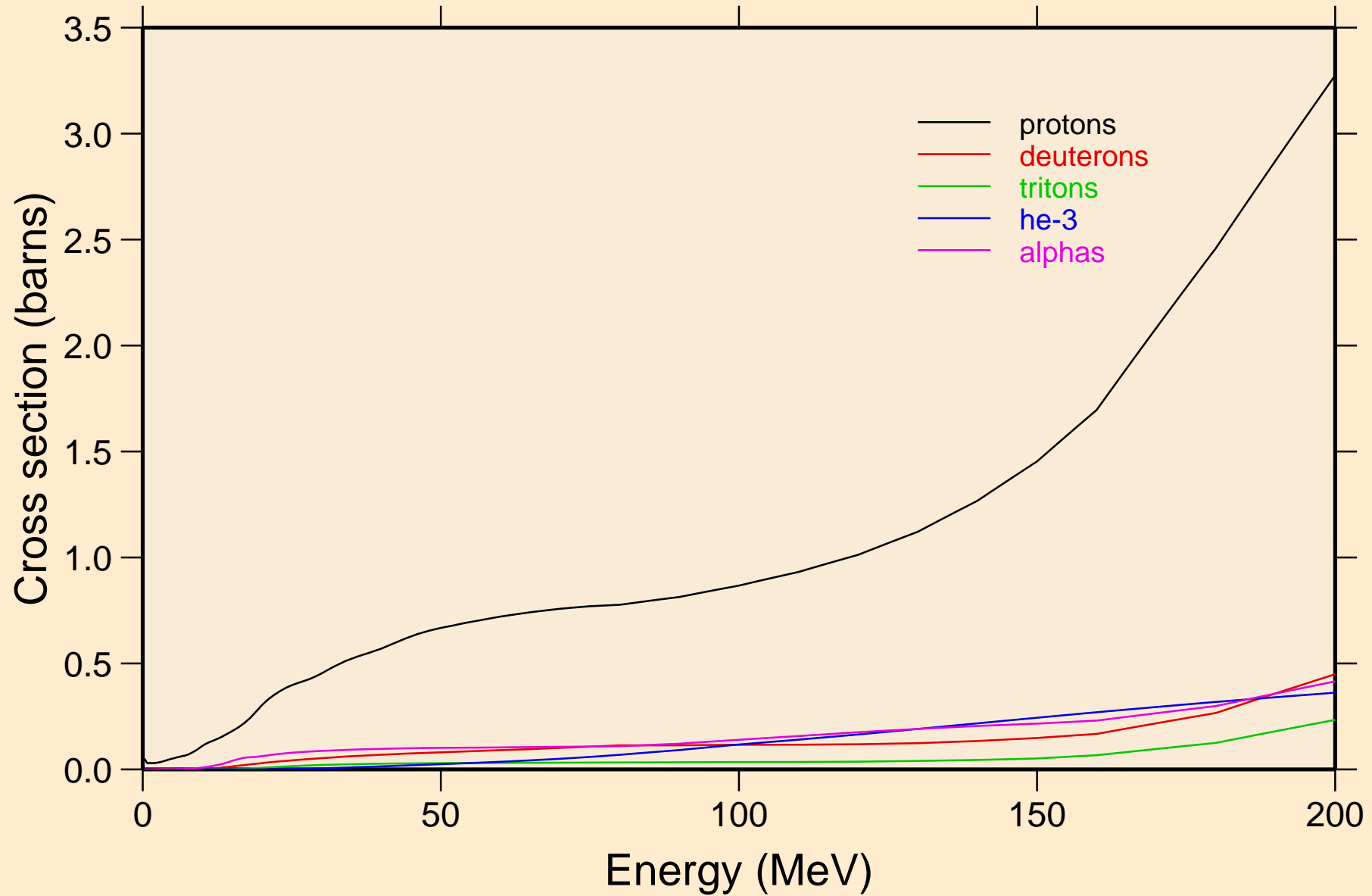
# SB116 NRG TENDL-2015, AKONING

## Recoil Heating

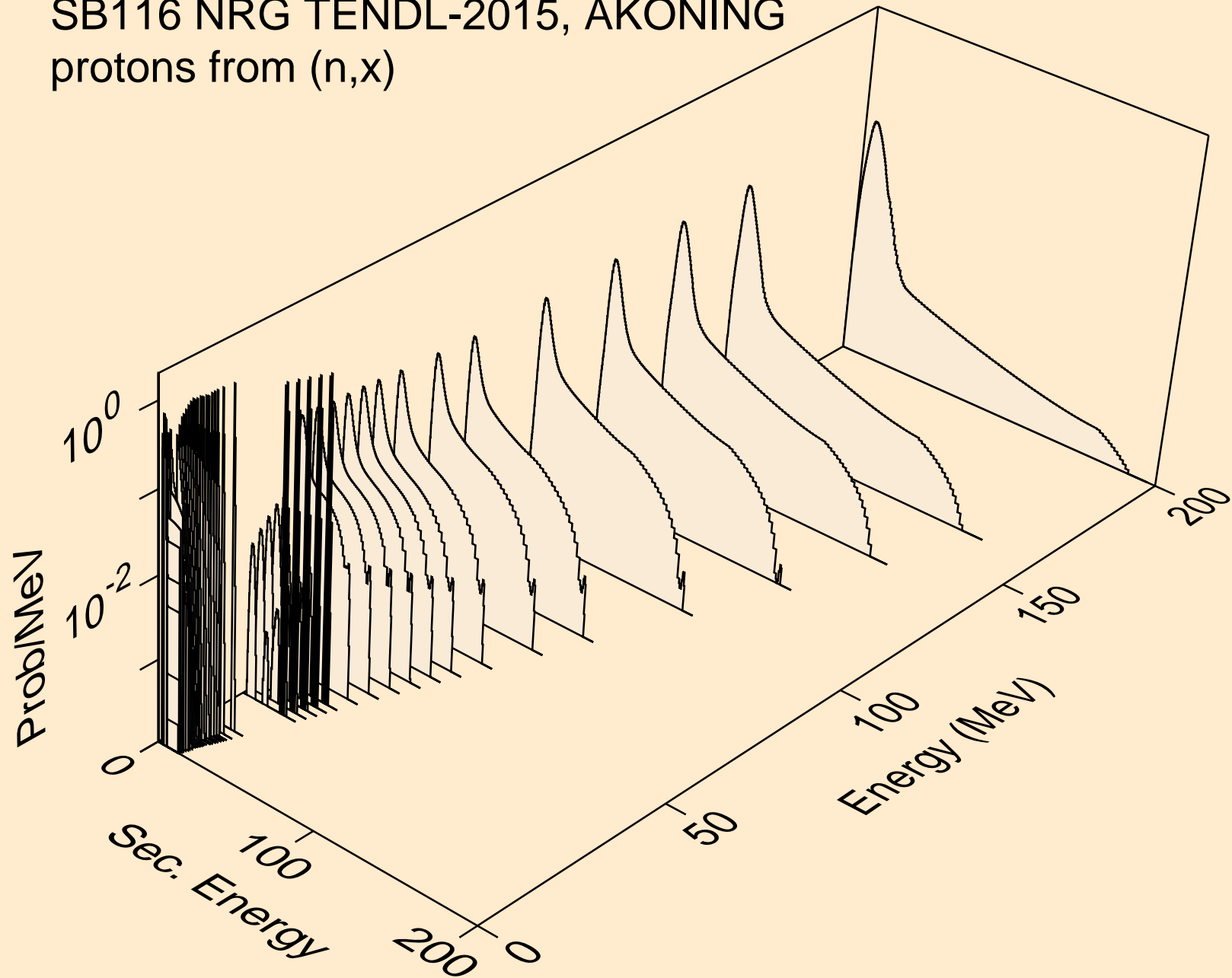


# SB116 NRG TENDL-2015, AKONING

## Particle production cross sections

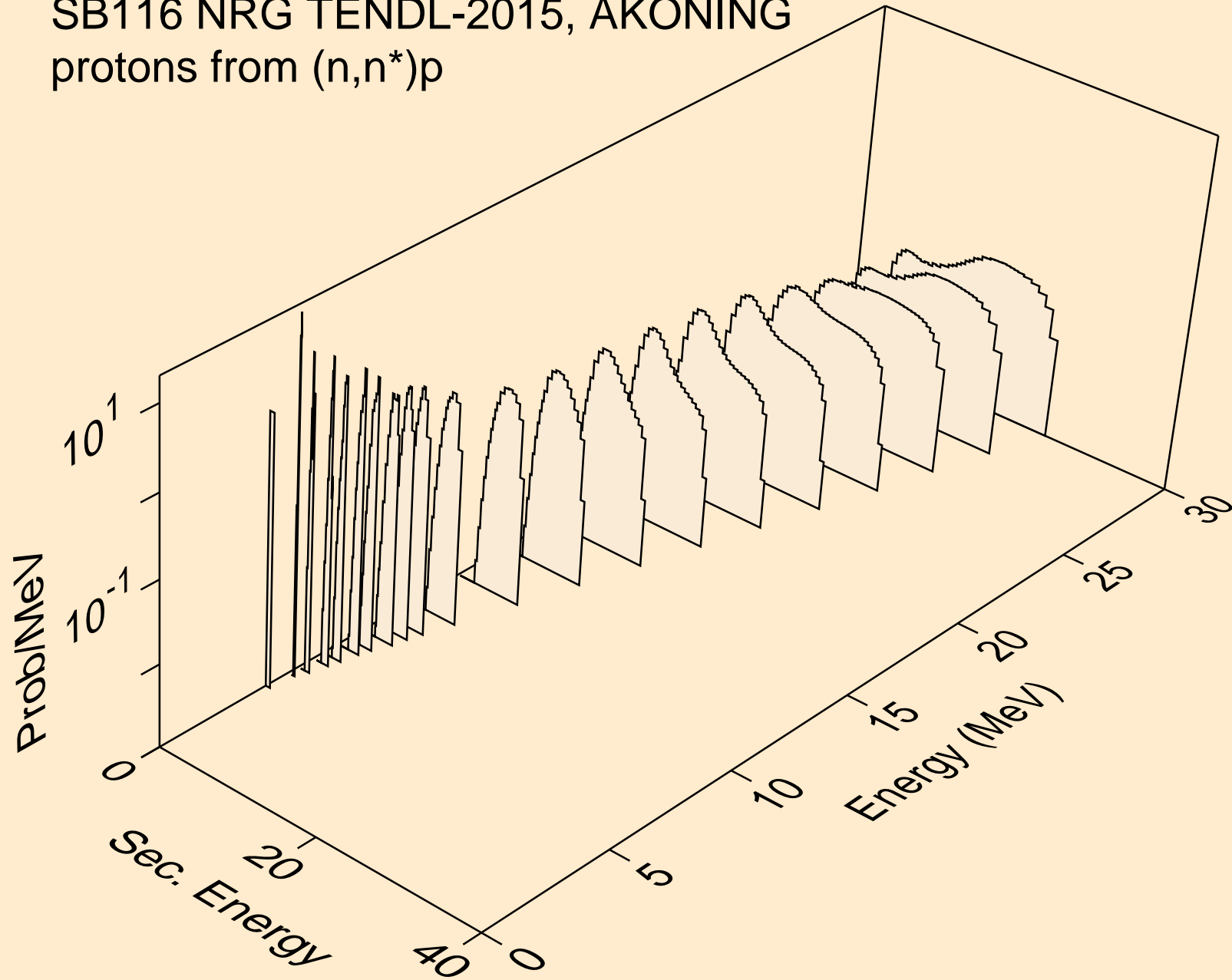


SB116 NRG TENDL-2015, AKONING  
protons from (n,x)

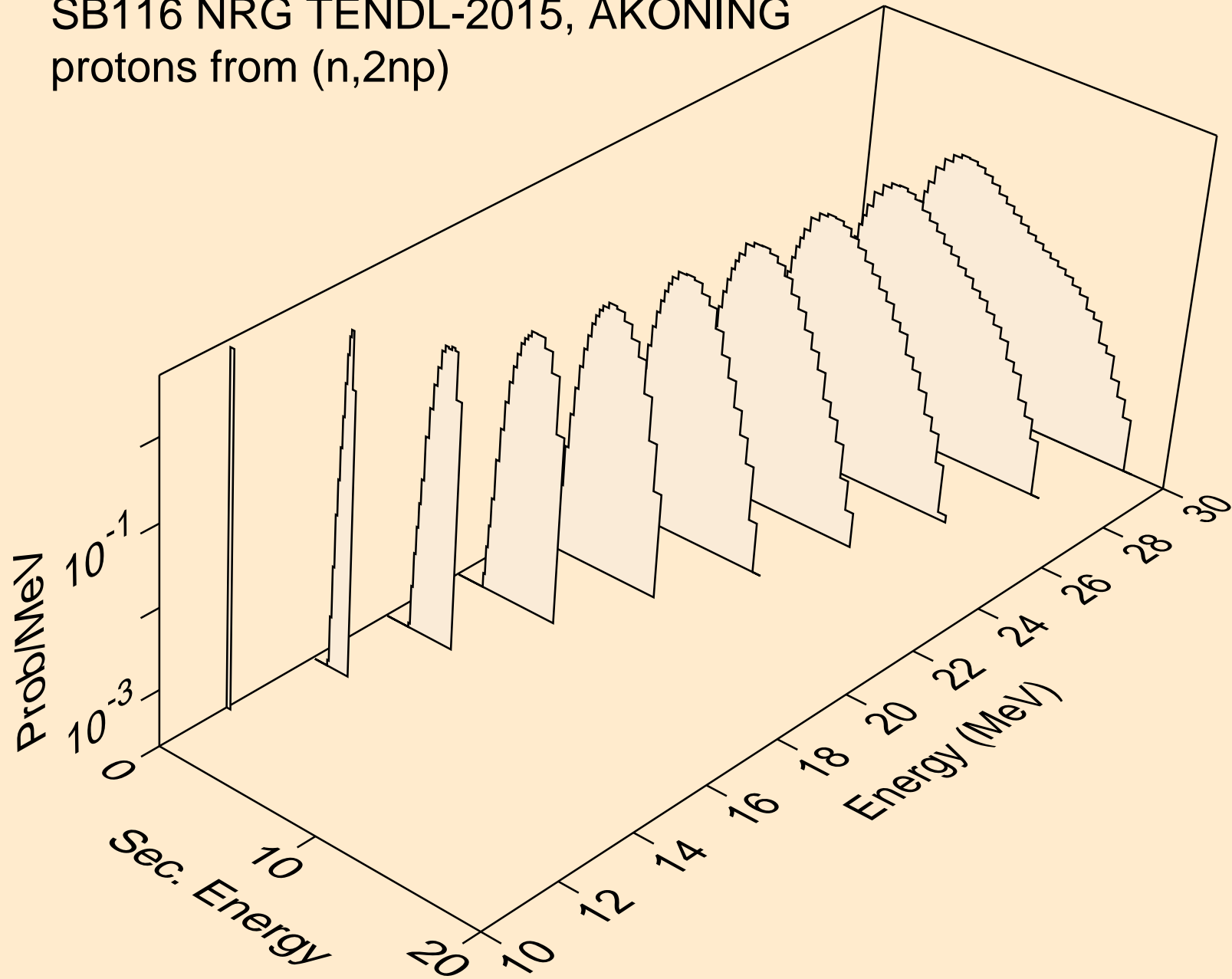




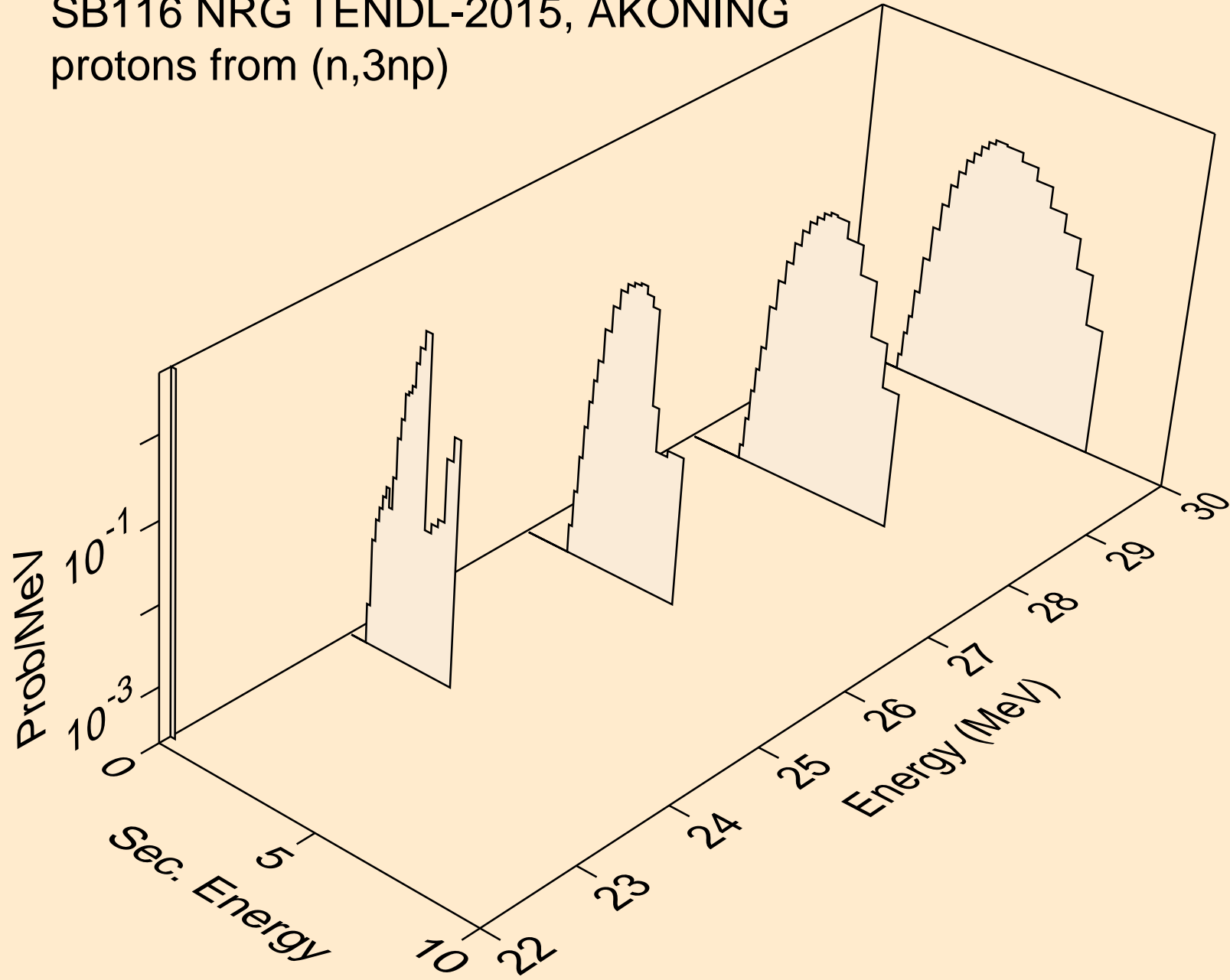
SB116 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



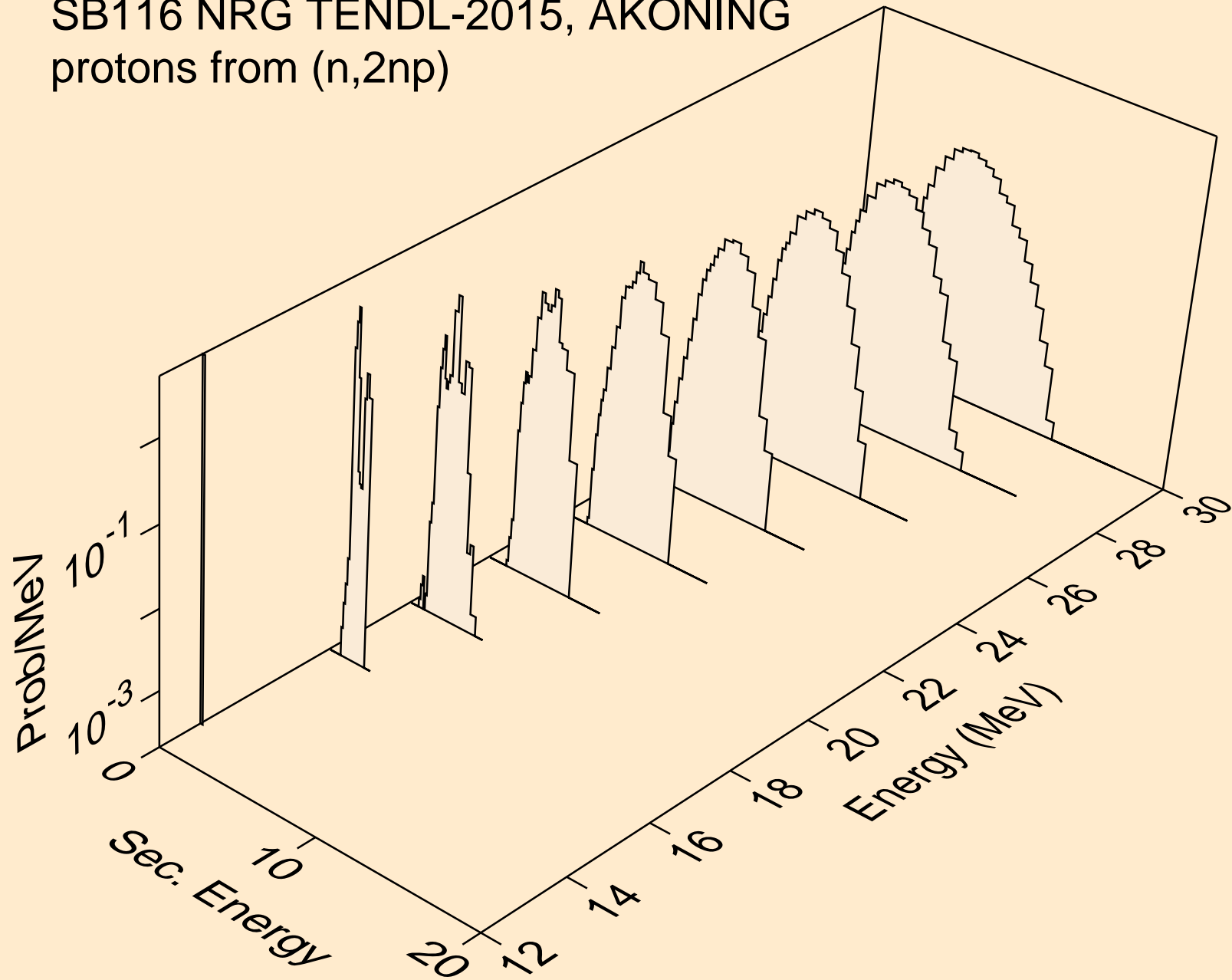
SB116 NRG TENDL-2015, AKONING  
protons from (n,2np)



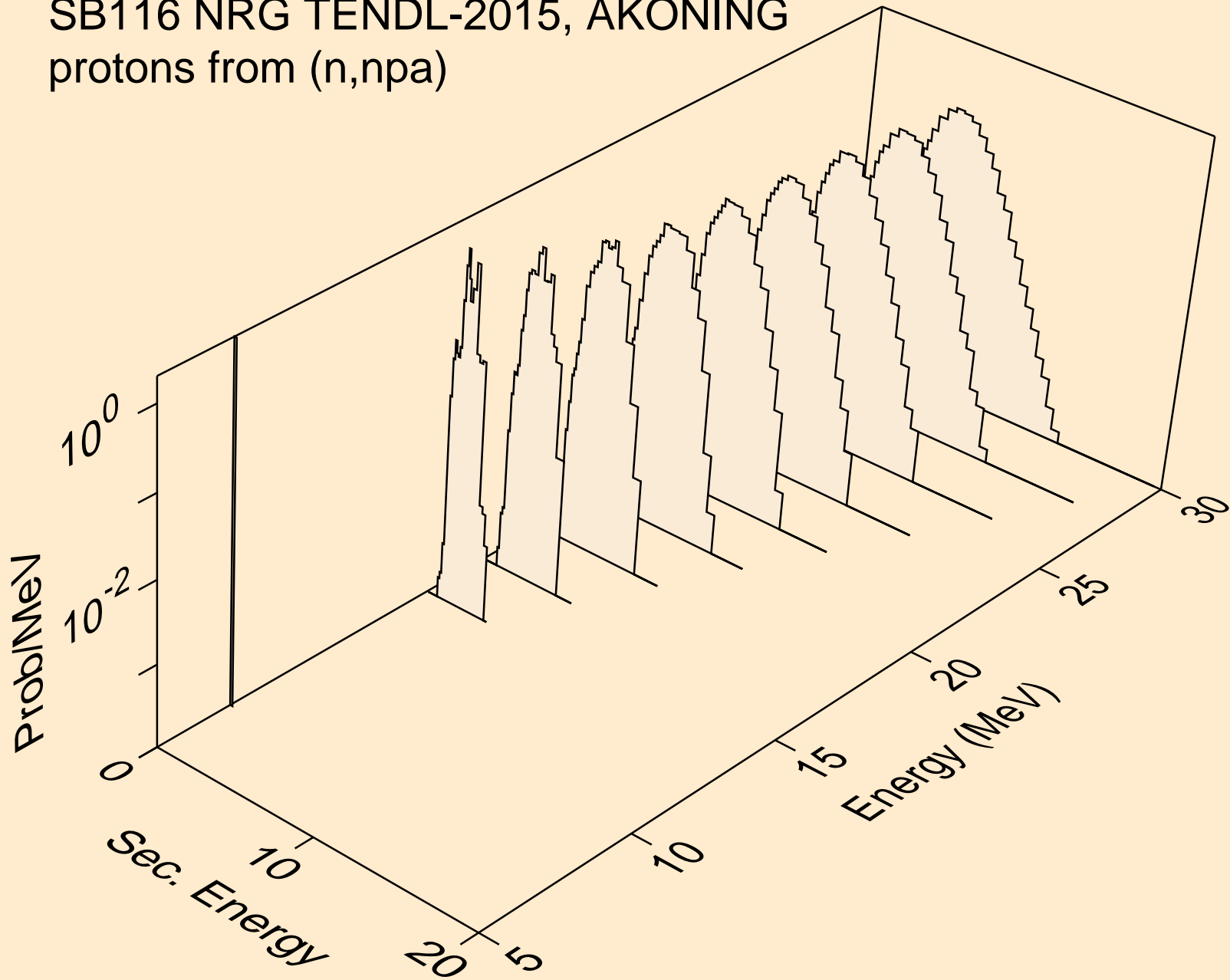
SB116 NRG TENDL-2015, AKONING  
protons from (n,3np)



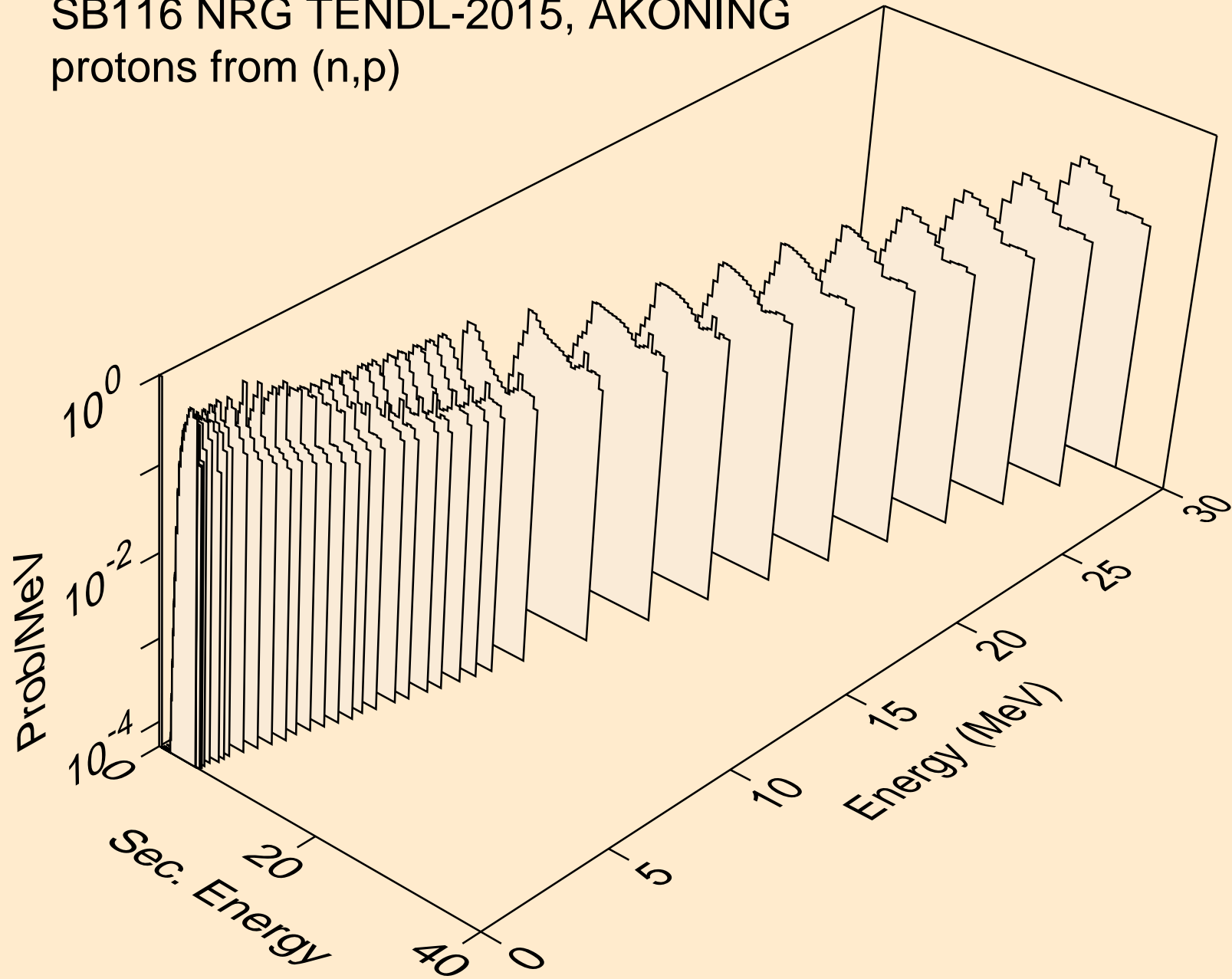
SB116 NRG TENDL-2015, AKONING  
protons from (n,2np)



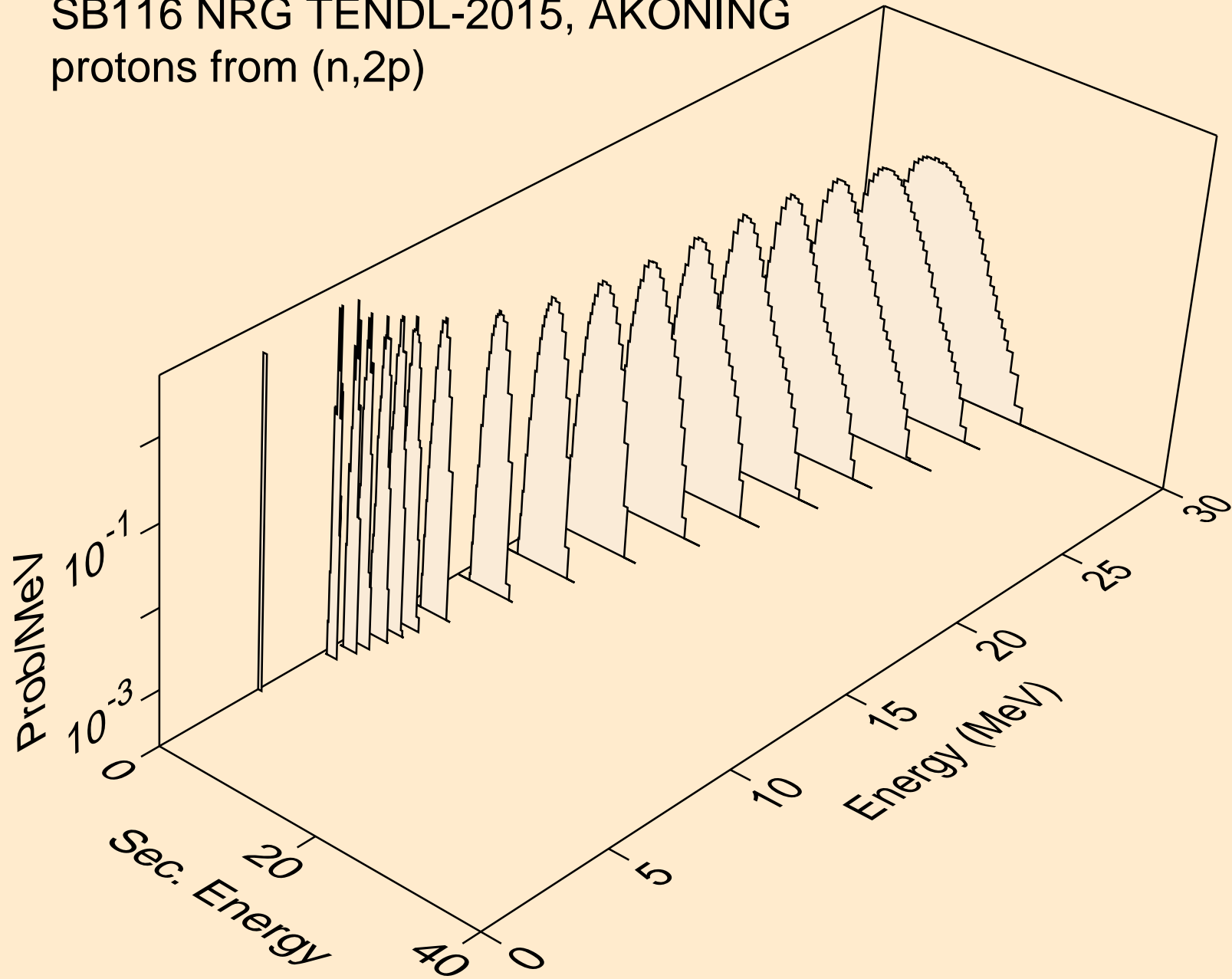
SB116 NRG TENDL-2015, AKONING  
protons from (n,npa)



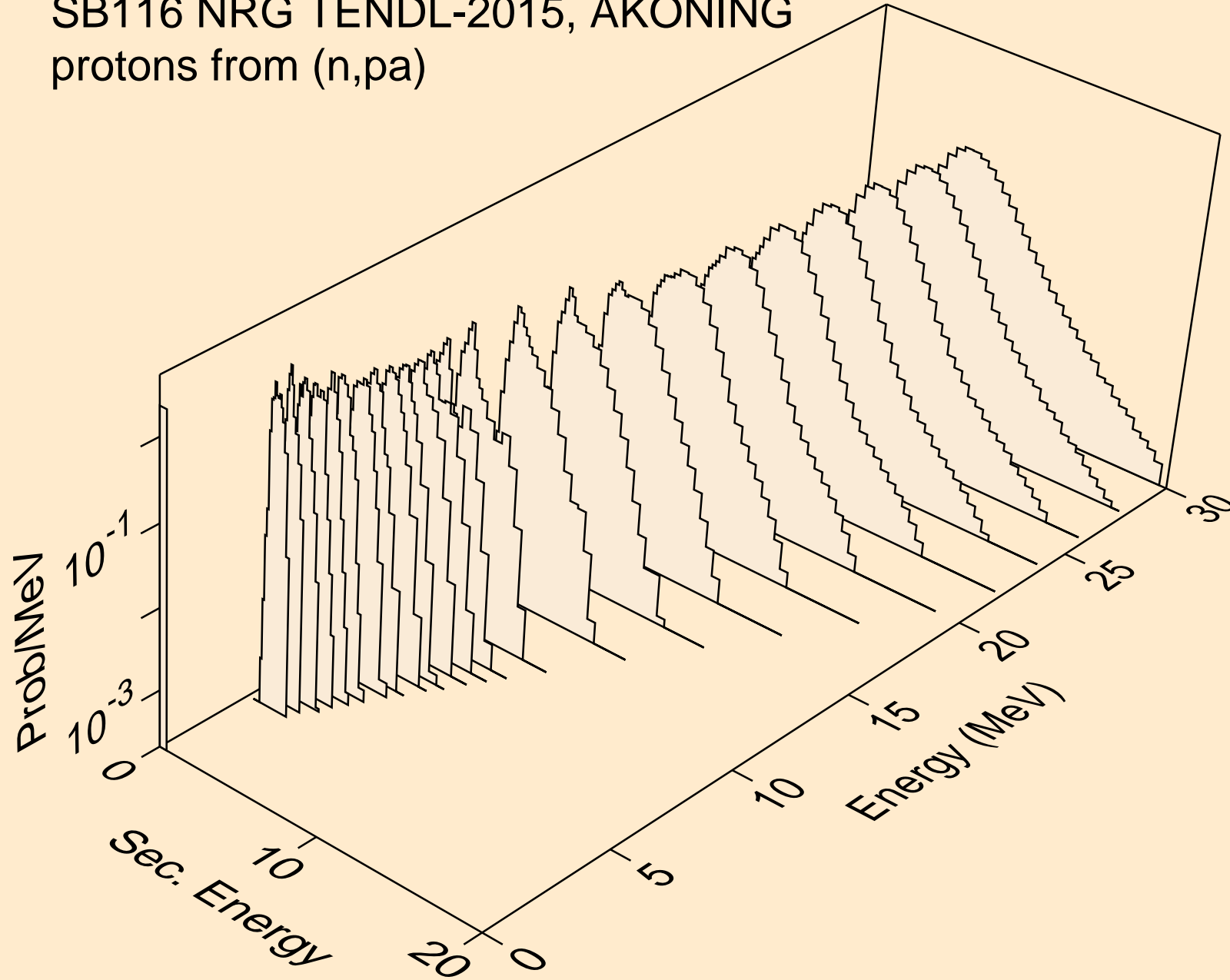
SB116 NRG TENDL-2015, AKONING  
protons from (n,p)



SB116 NRG TENDL-2015, AKONING  
protons from (n,2p)

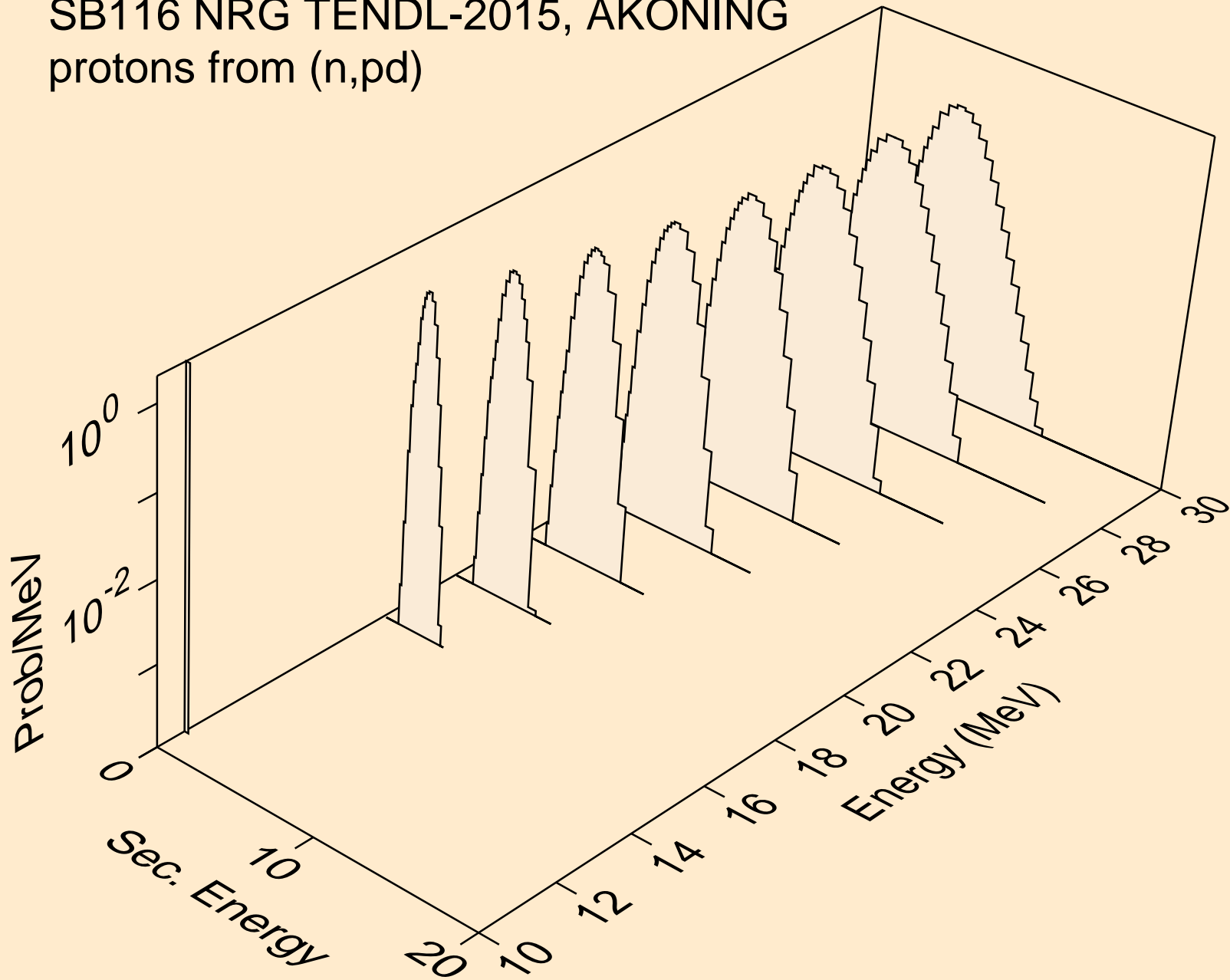


SB116 NRG TENDL-2015, AKONING  
protons from (n,pa)

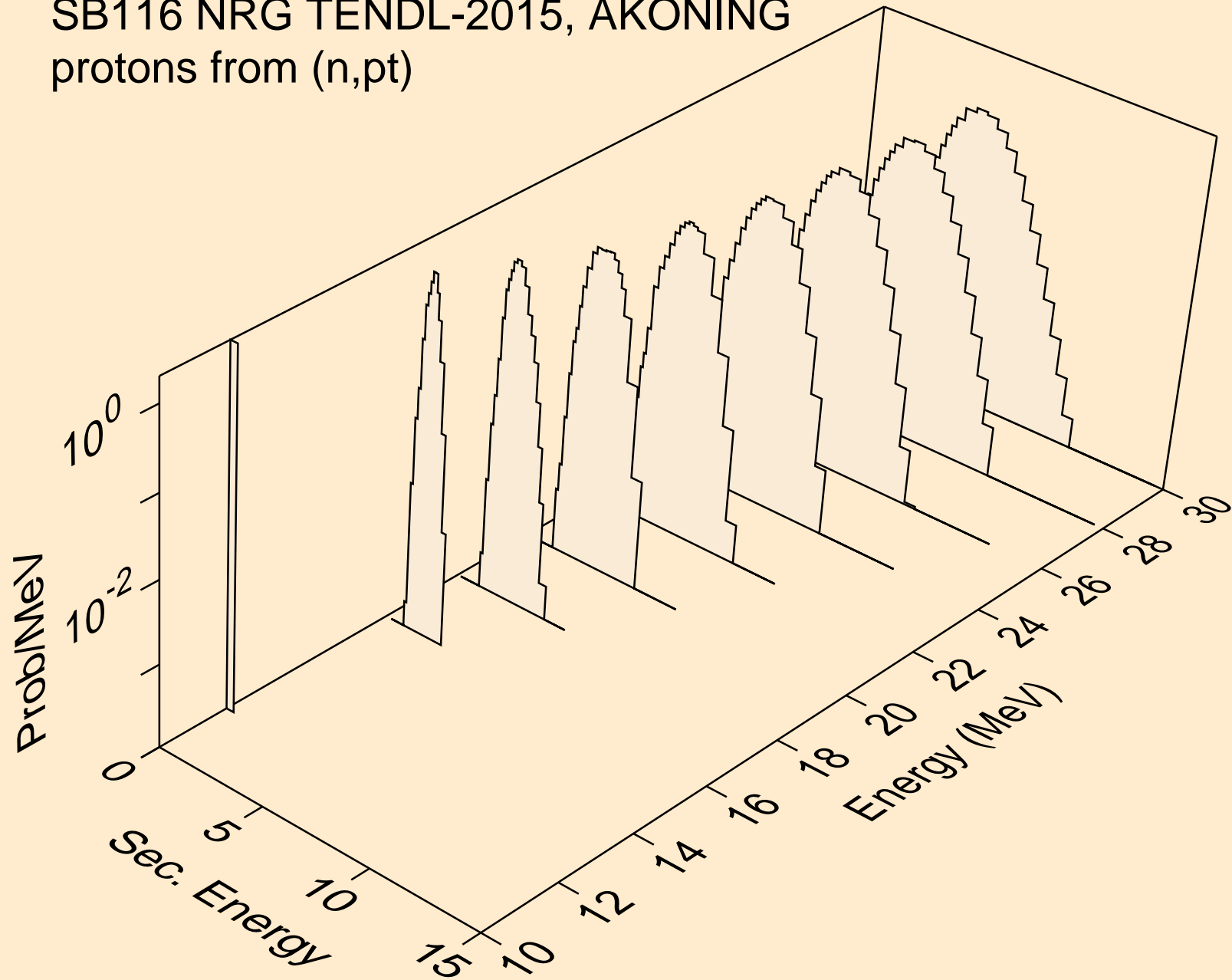




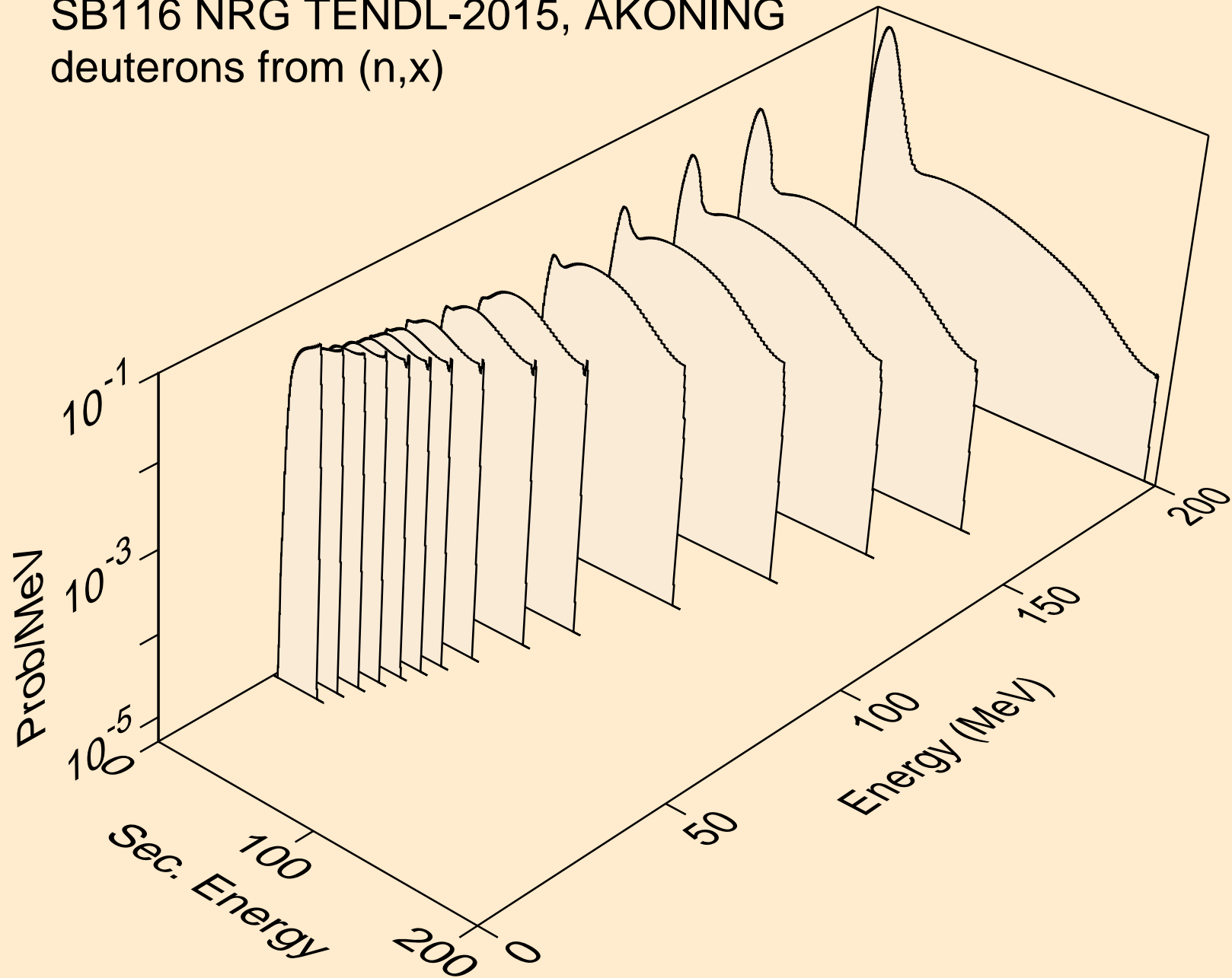
SB116 NRG TENDL-2015, AKONING  
protons from (n,pd)



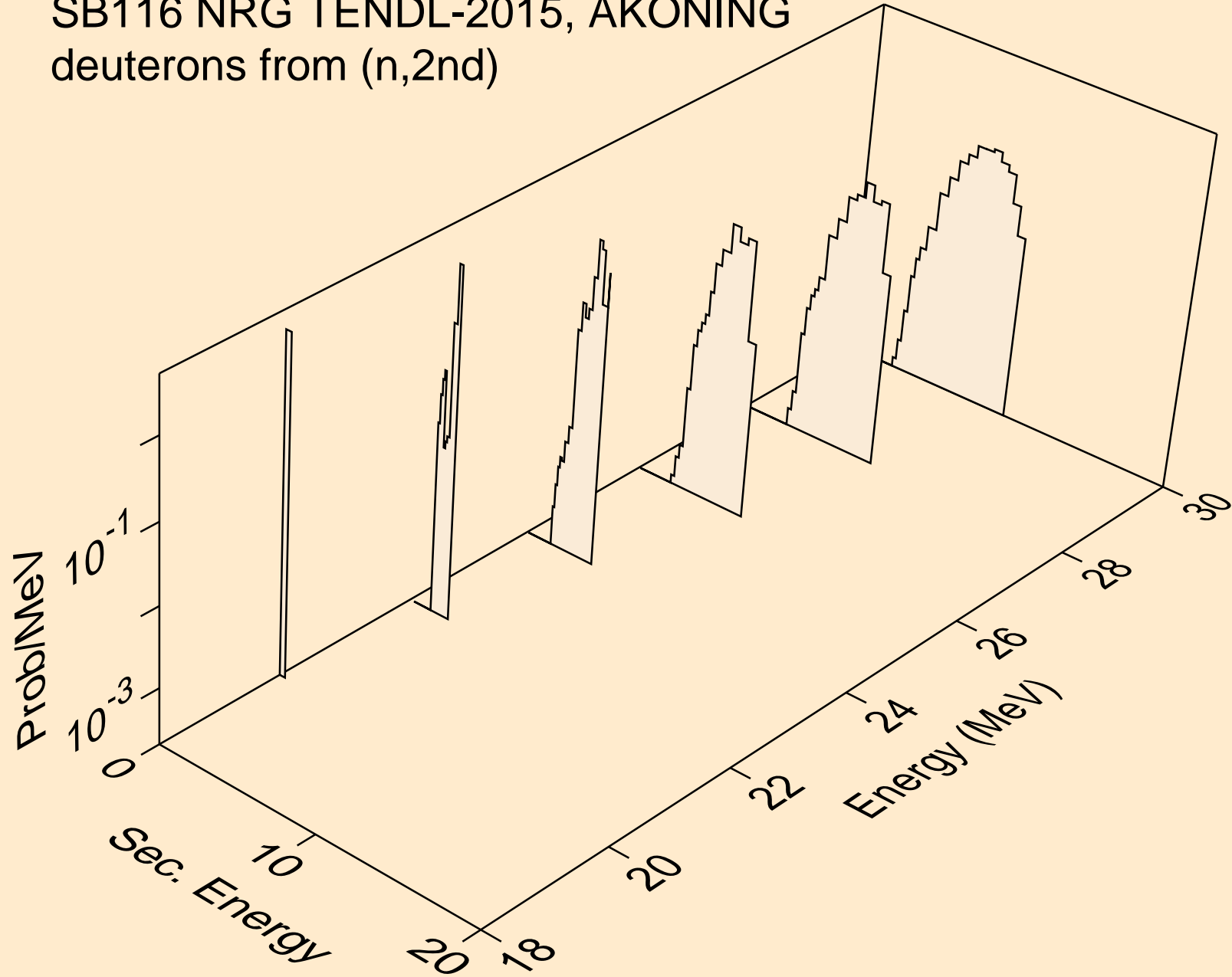
SB116 NRG TENDL-2015, AKONING  
protons from (n,pt)



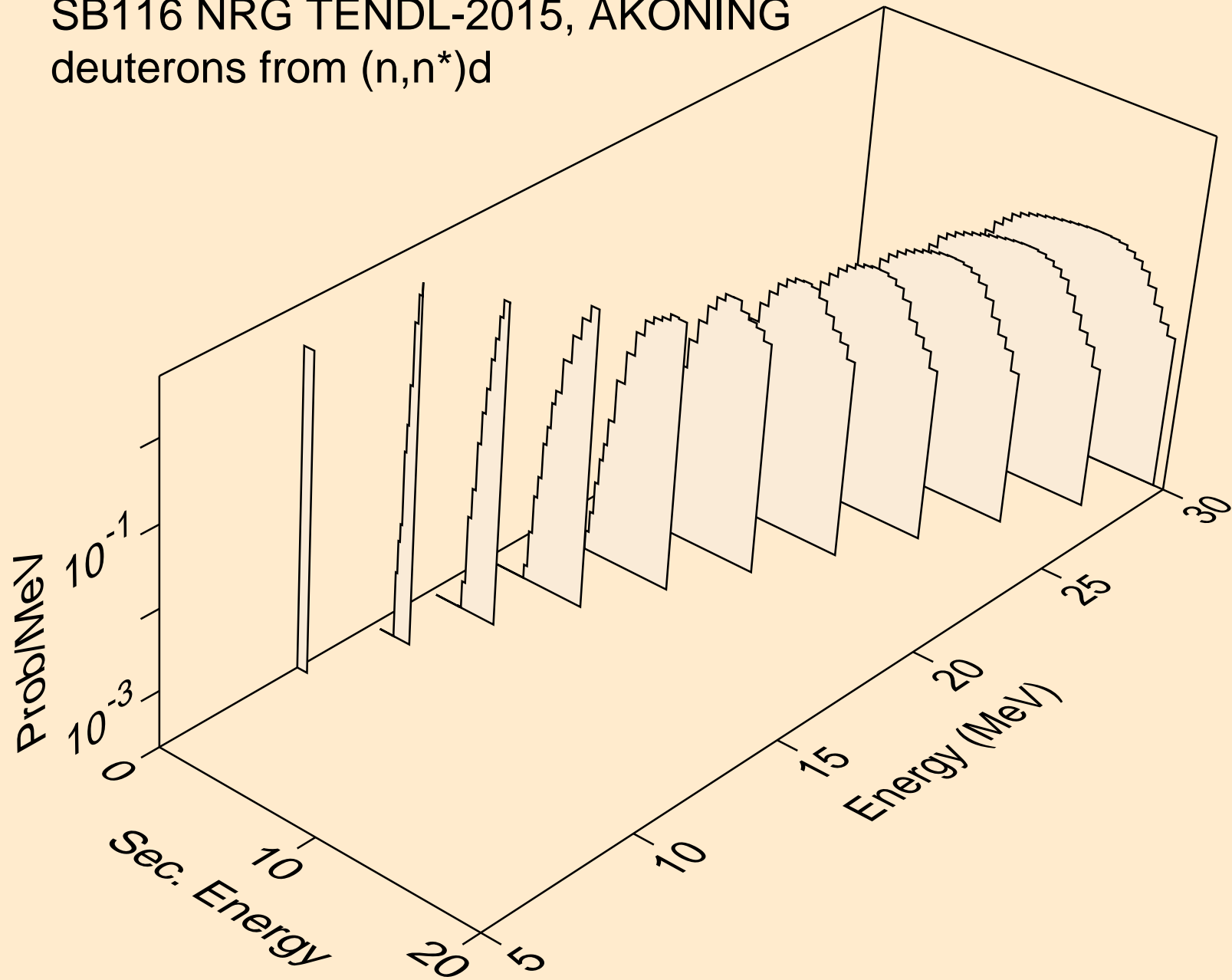
SB116 NRG TENDL-2015, AKONING  
deuterons from (n,x)



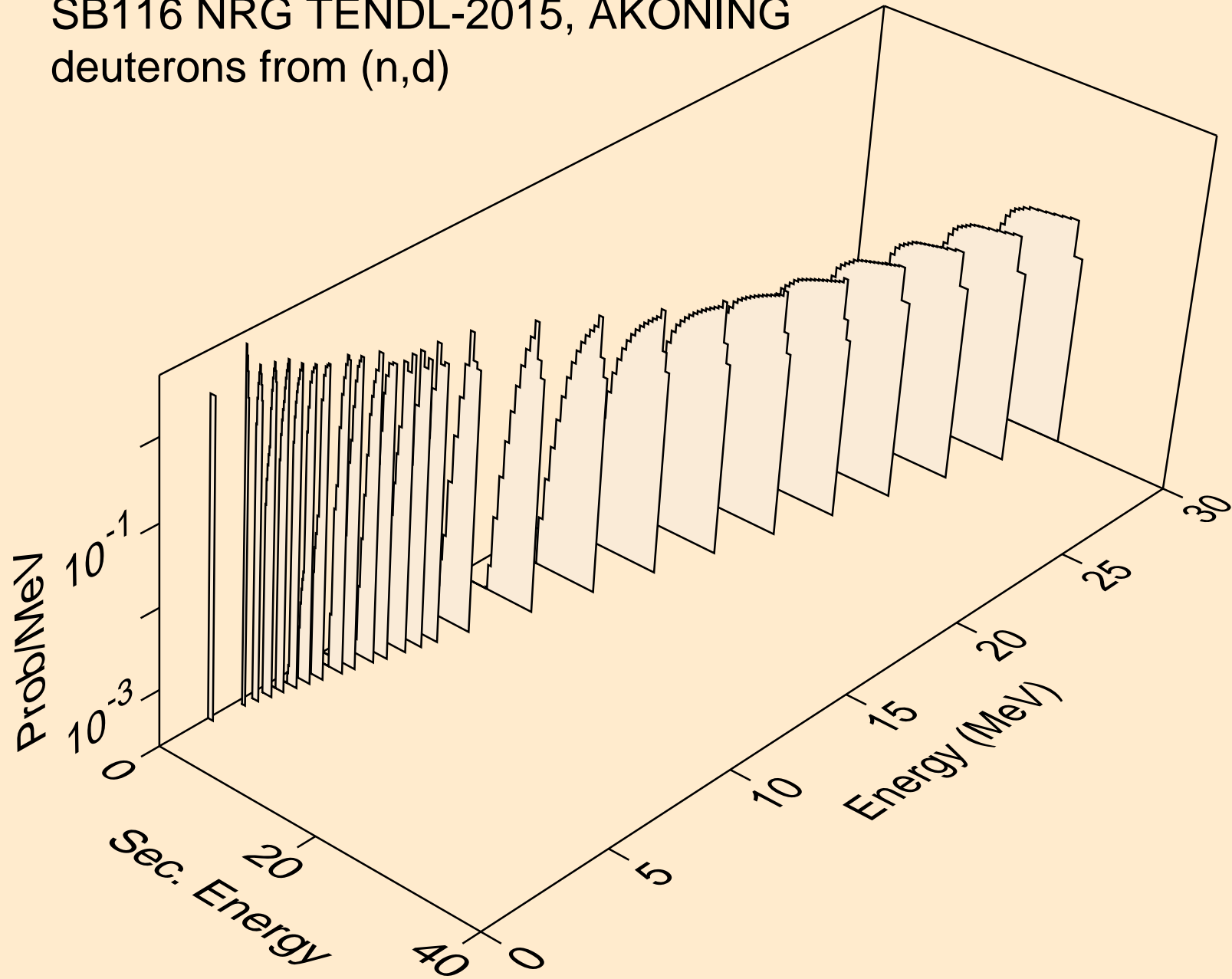
SB116 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



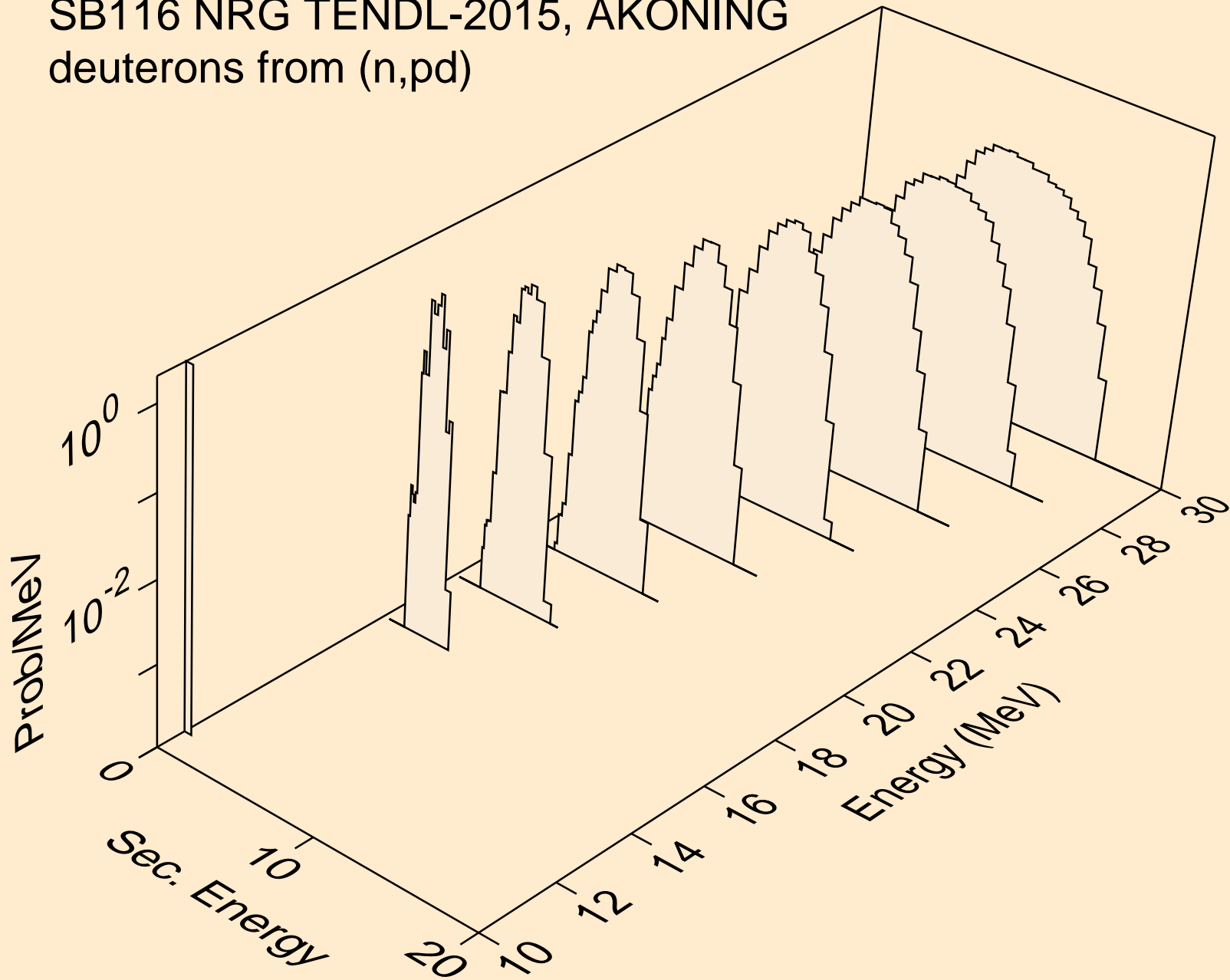
SB116 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



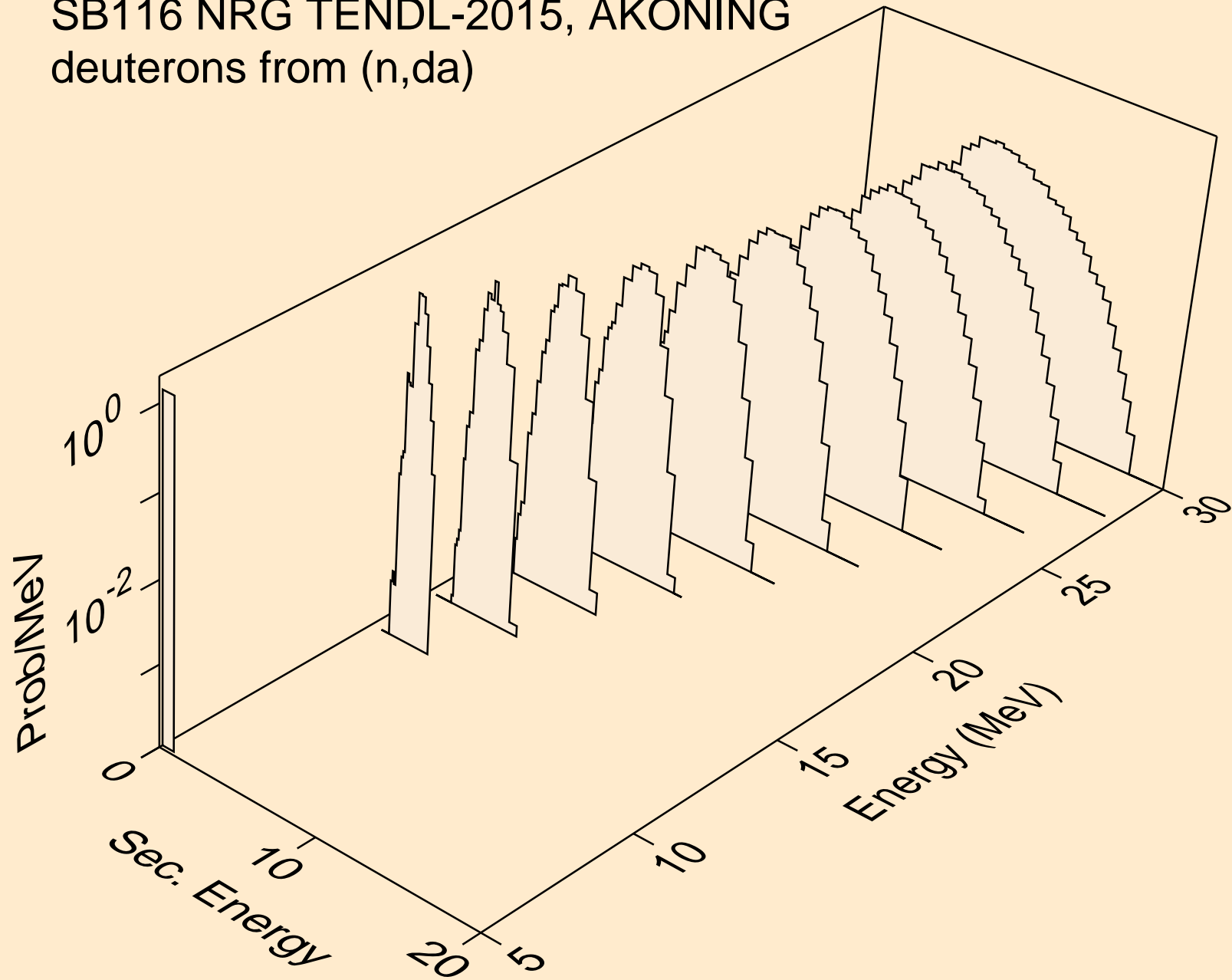
SB116 NRG TENDL-2015, AKONING  
deuterons from (n,d)



SB116 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

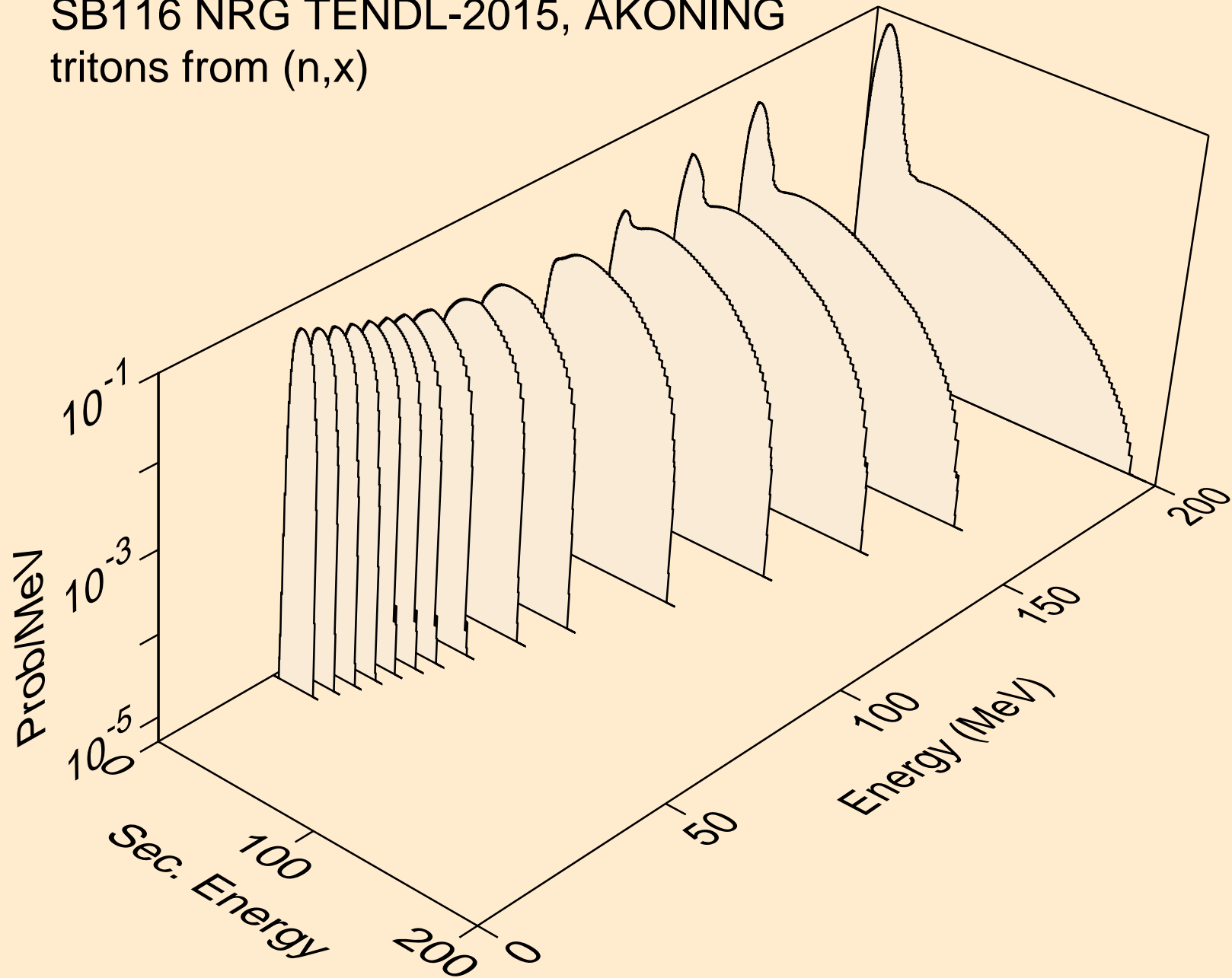


SB116 NRG TENDL-2015, AKONING  
deuterons from (n,da)

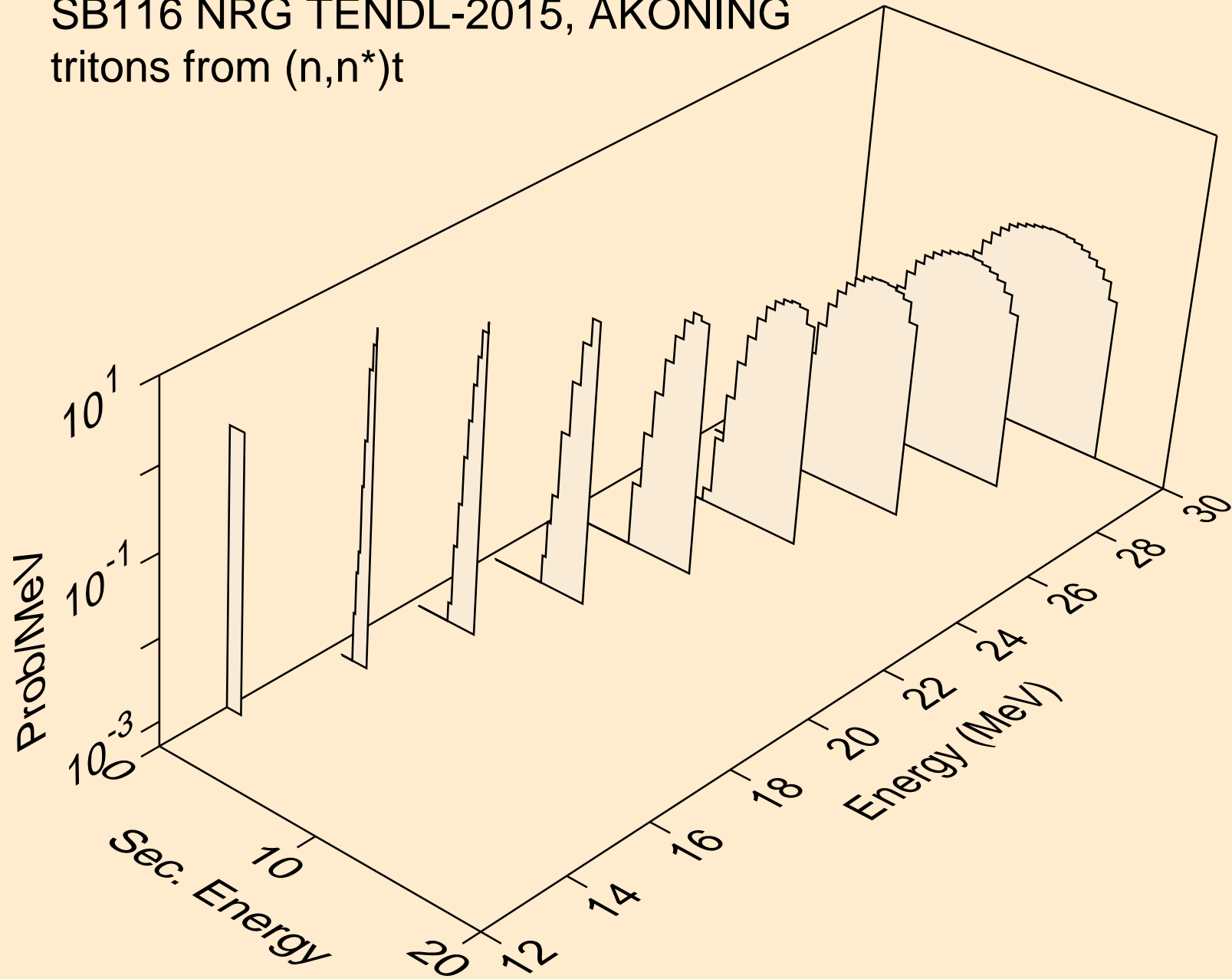




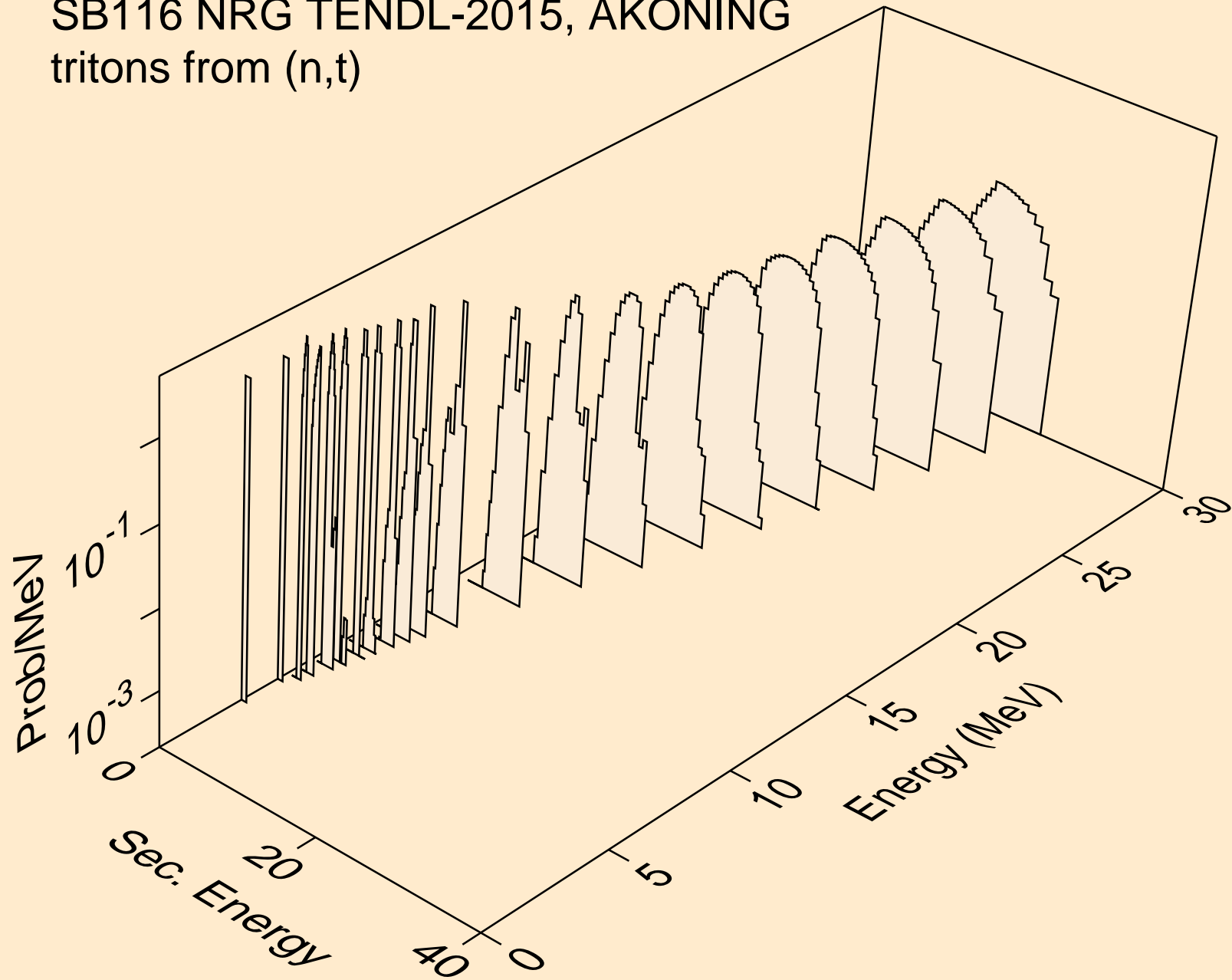
SB116 NRG TENDL-2015, AKONING  
tritons from (n,x)



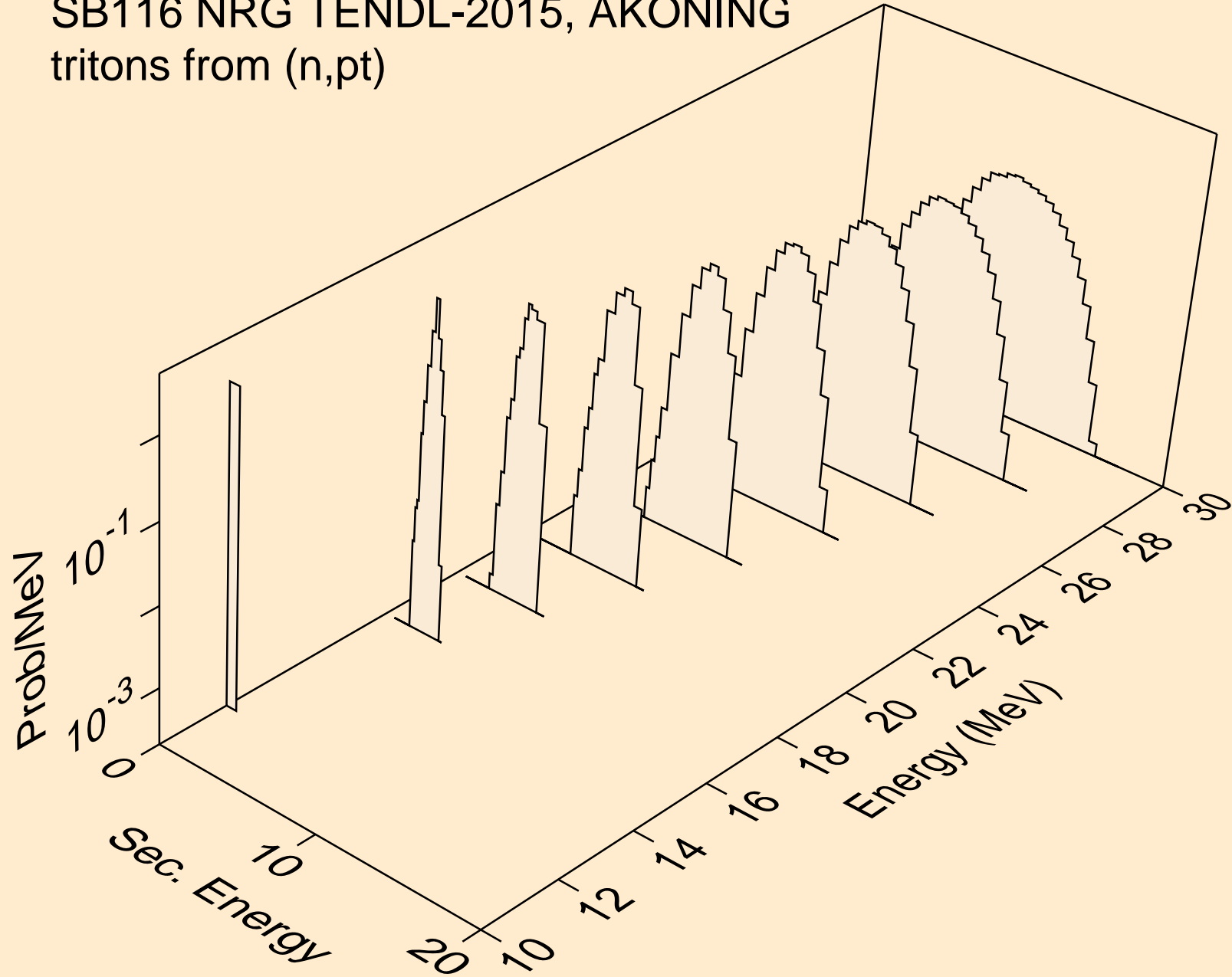
SB116 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



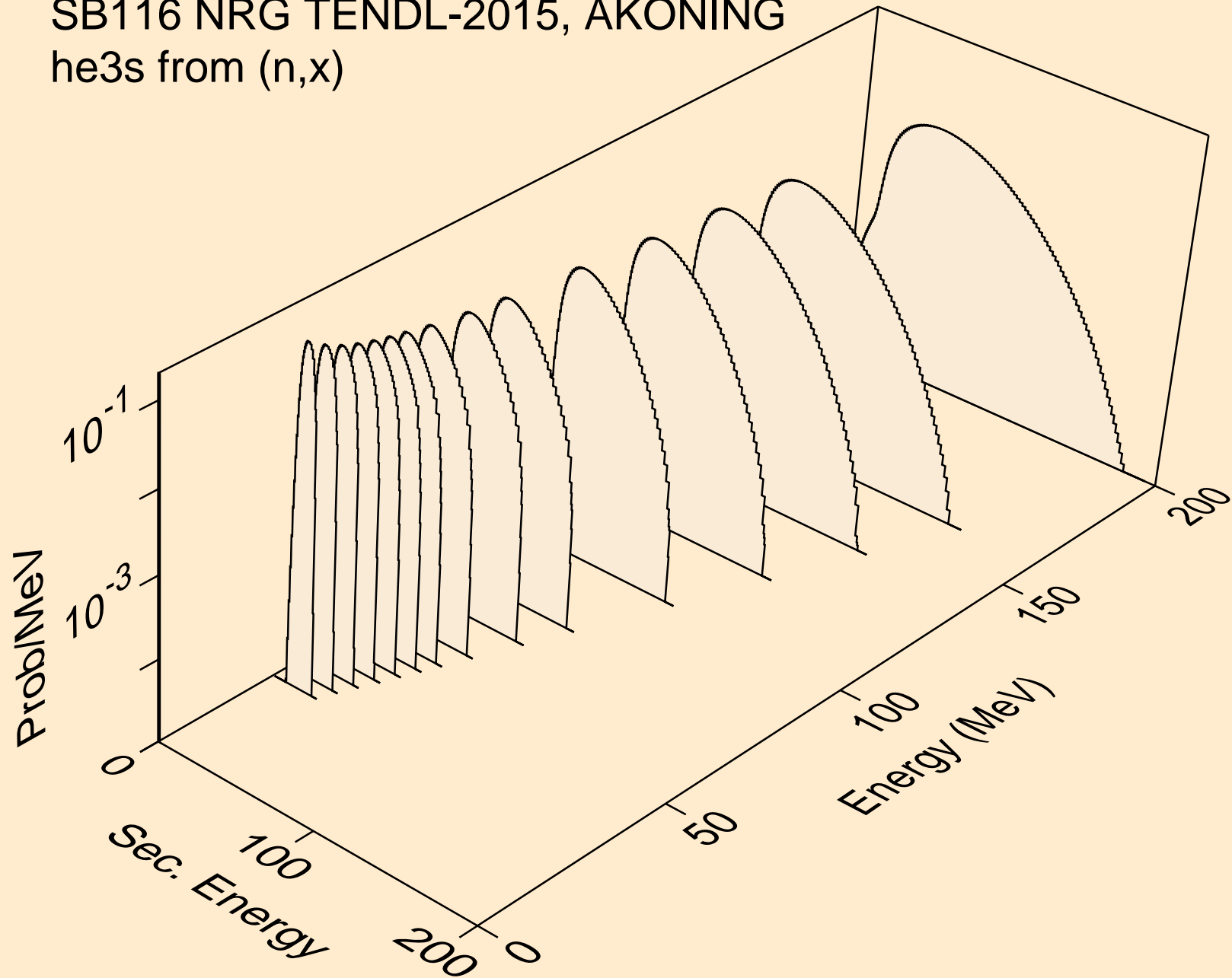
SB116 NRG TENDL-2015, AKONING  
tritons from (n,t)



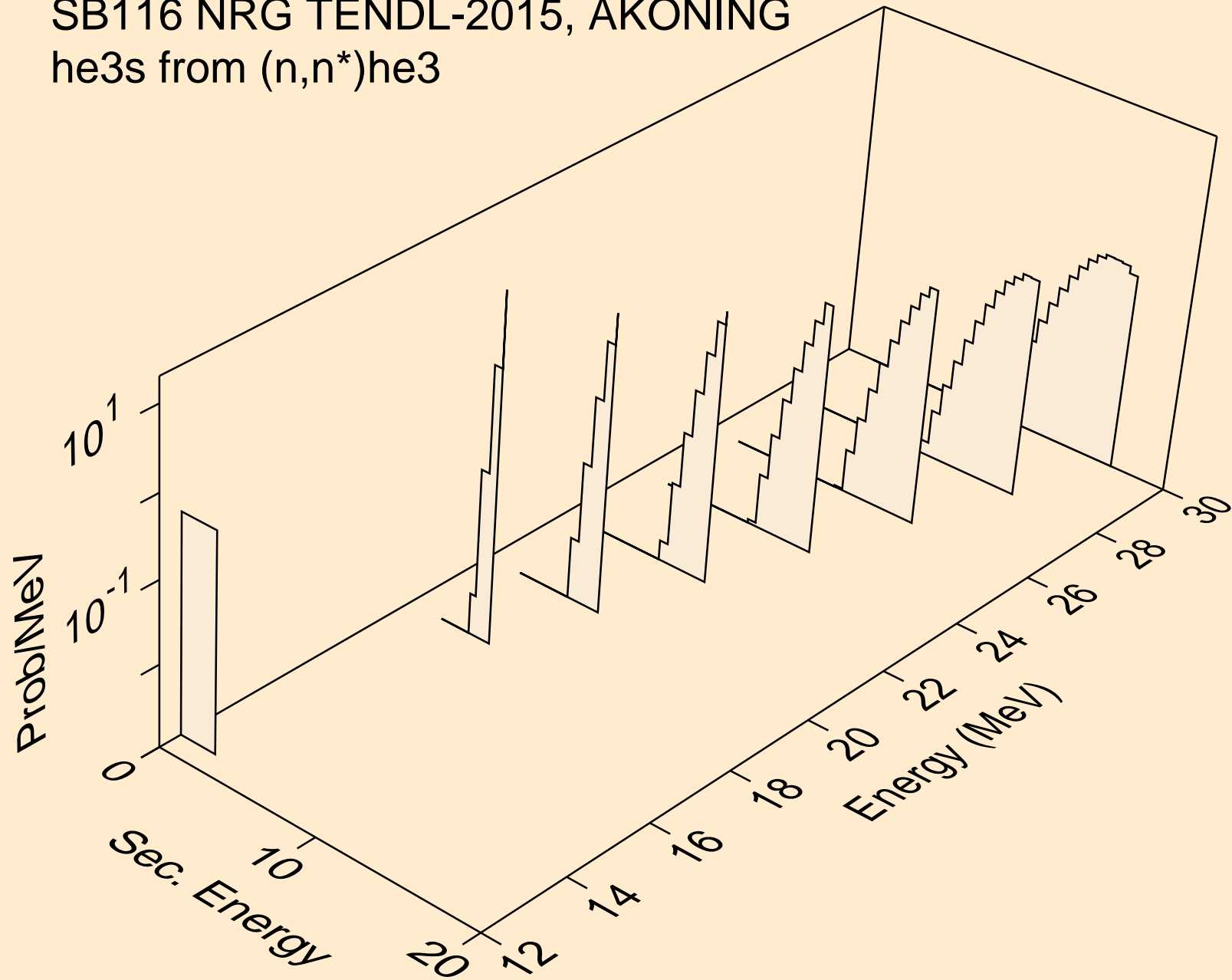
SB116 NRG TENDL-2015, AKONING  
tritons from (n,pt)



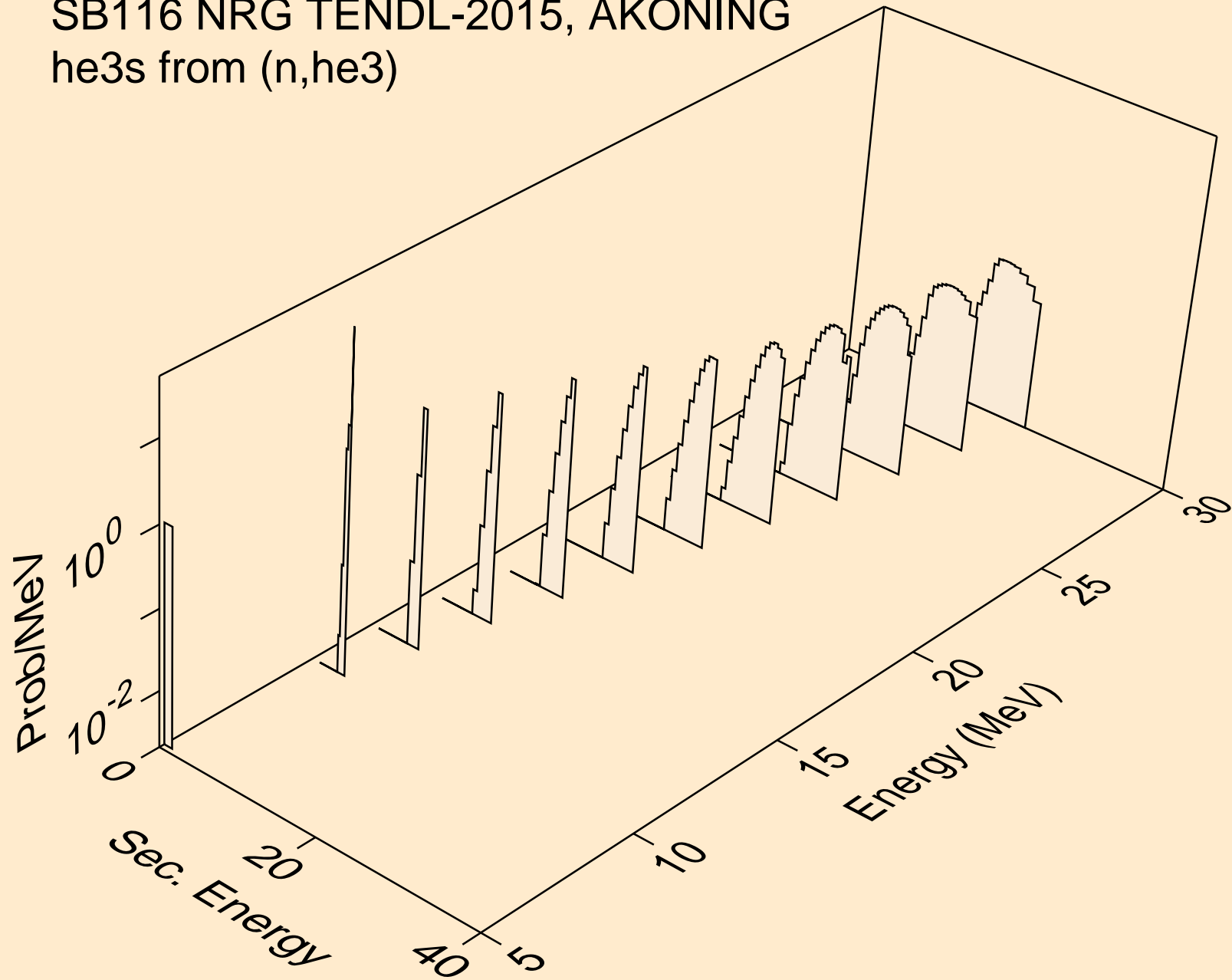
SB116 NRG TENDL-2015, AKONING  
he3s from (n,x)



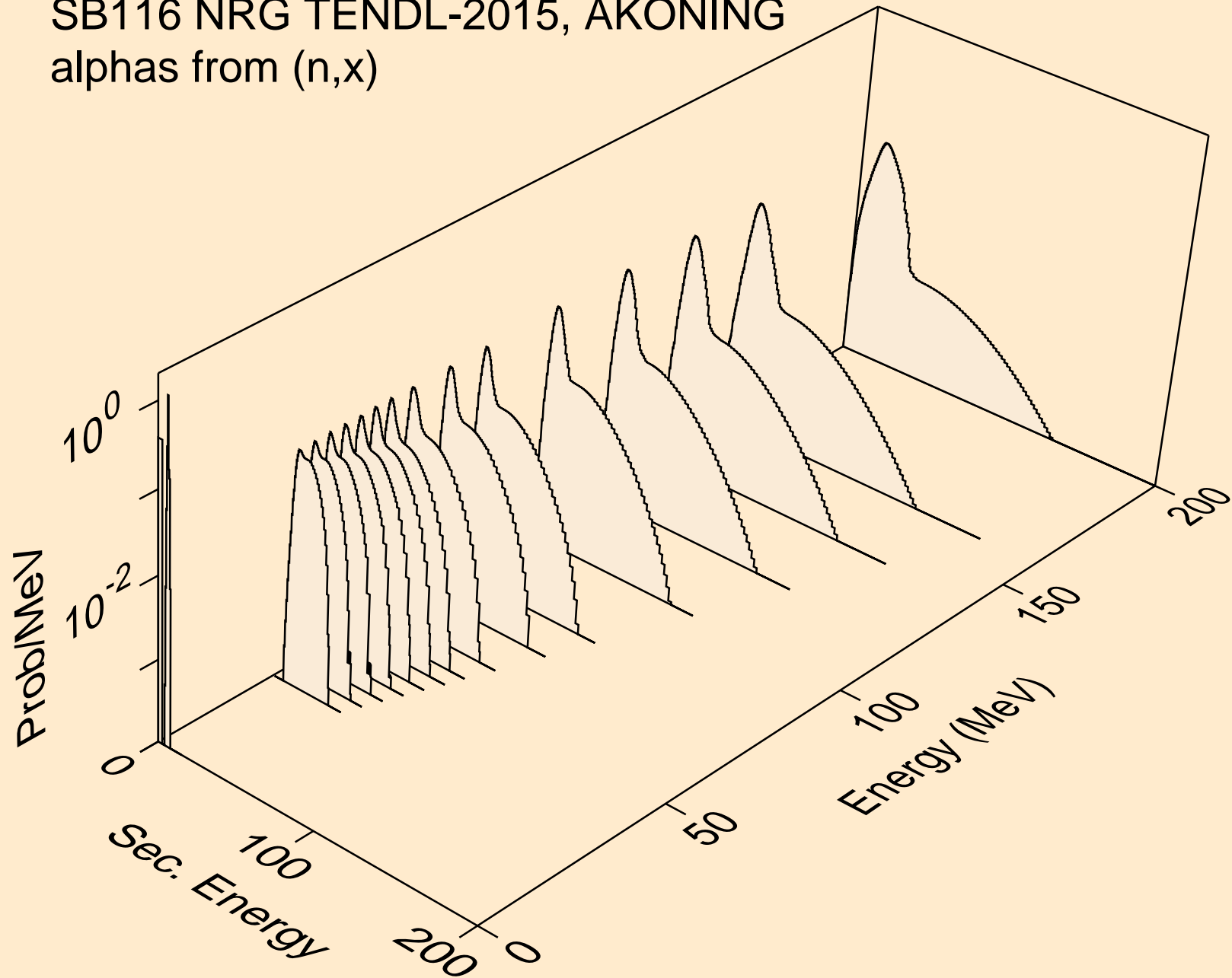
SB116 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



SB116 NRG TENDL-2015, AKONING  
he3s from (n,he3)

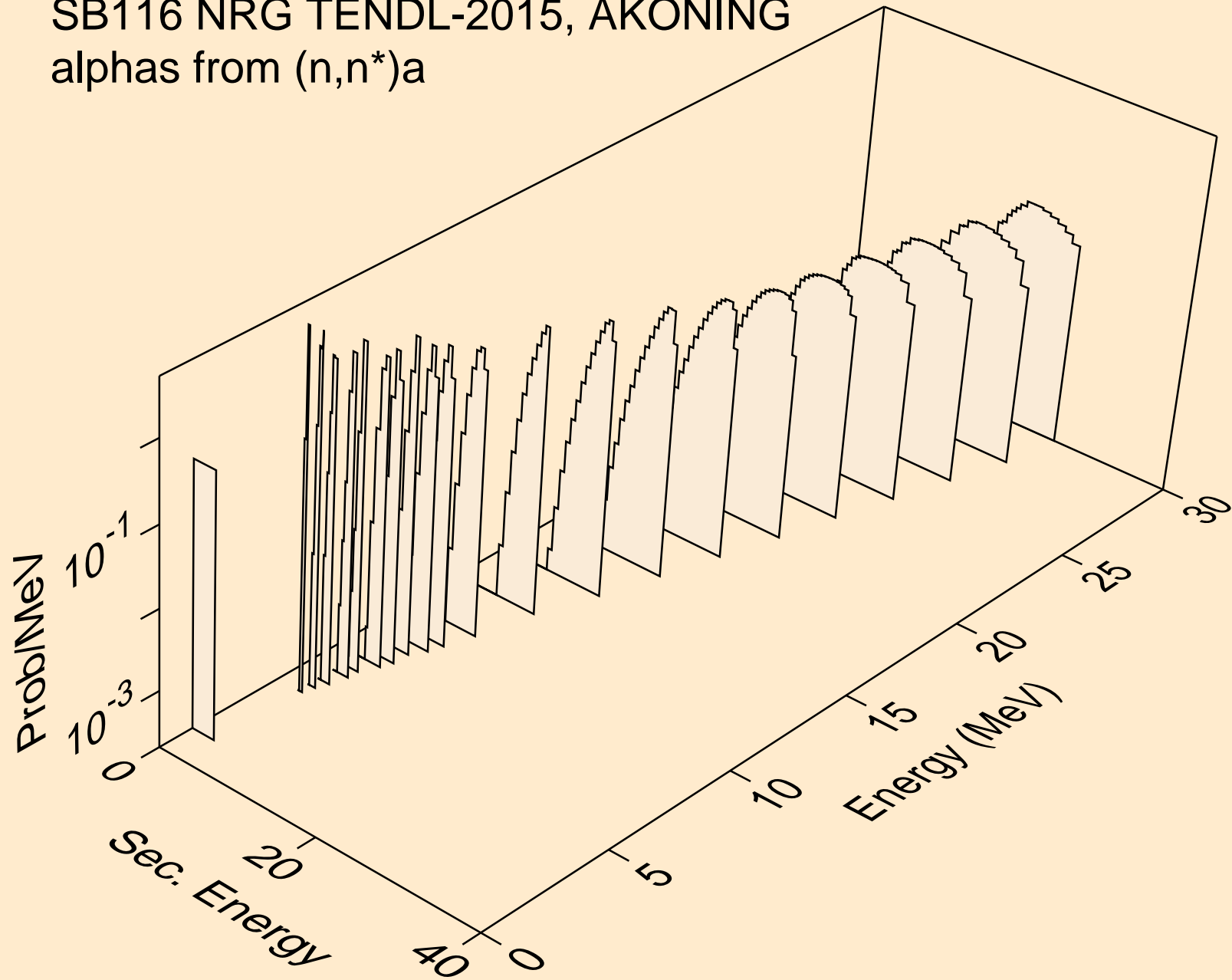


SB116 NRG TENDL-2015, AKONING  
alphas from (n,x)

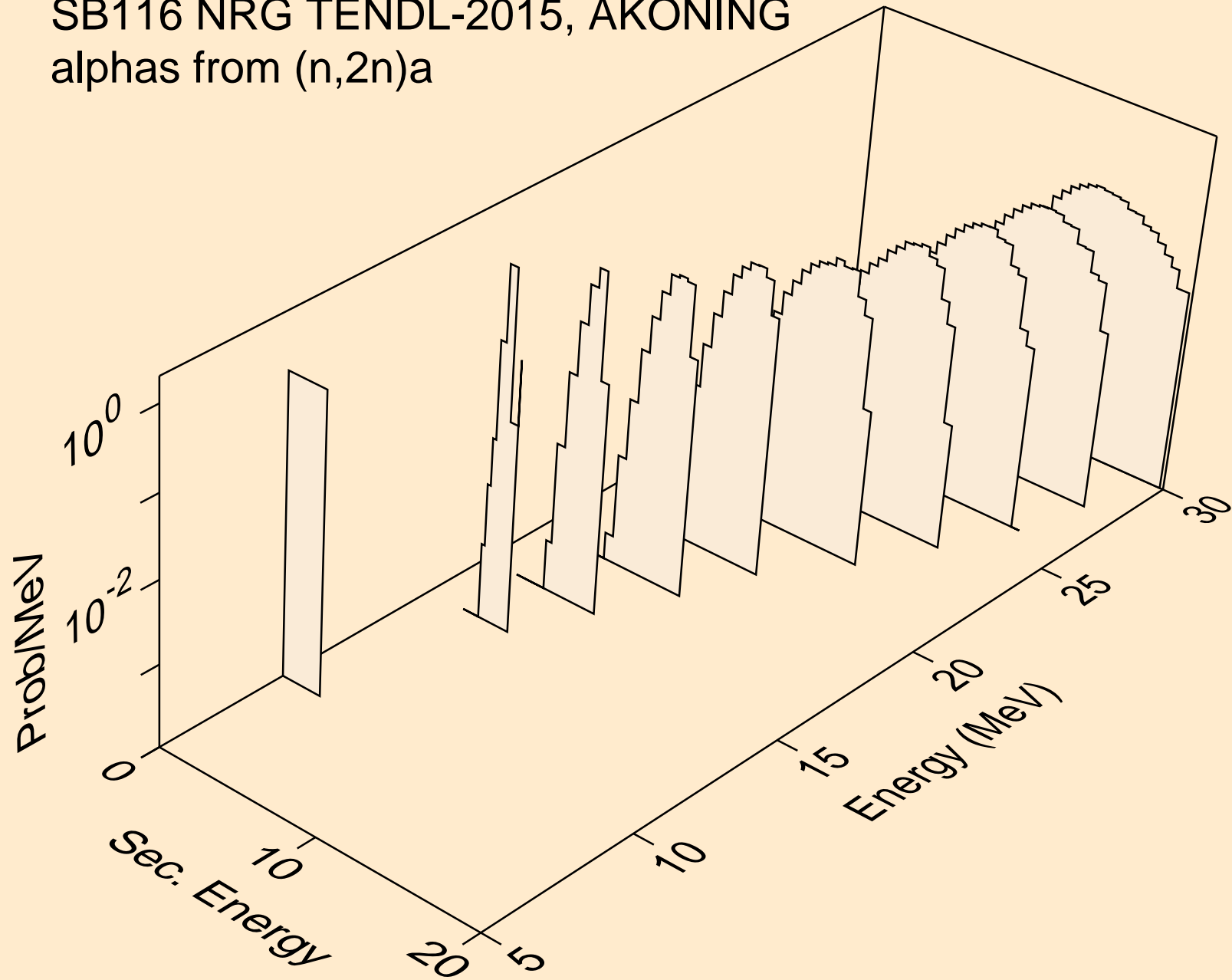




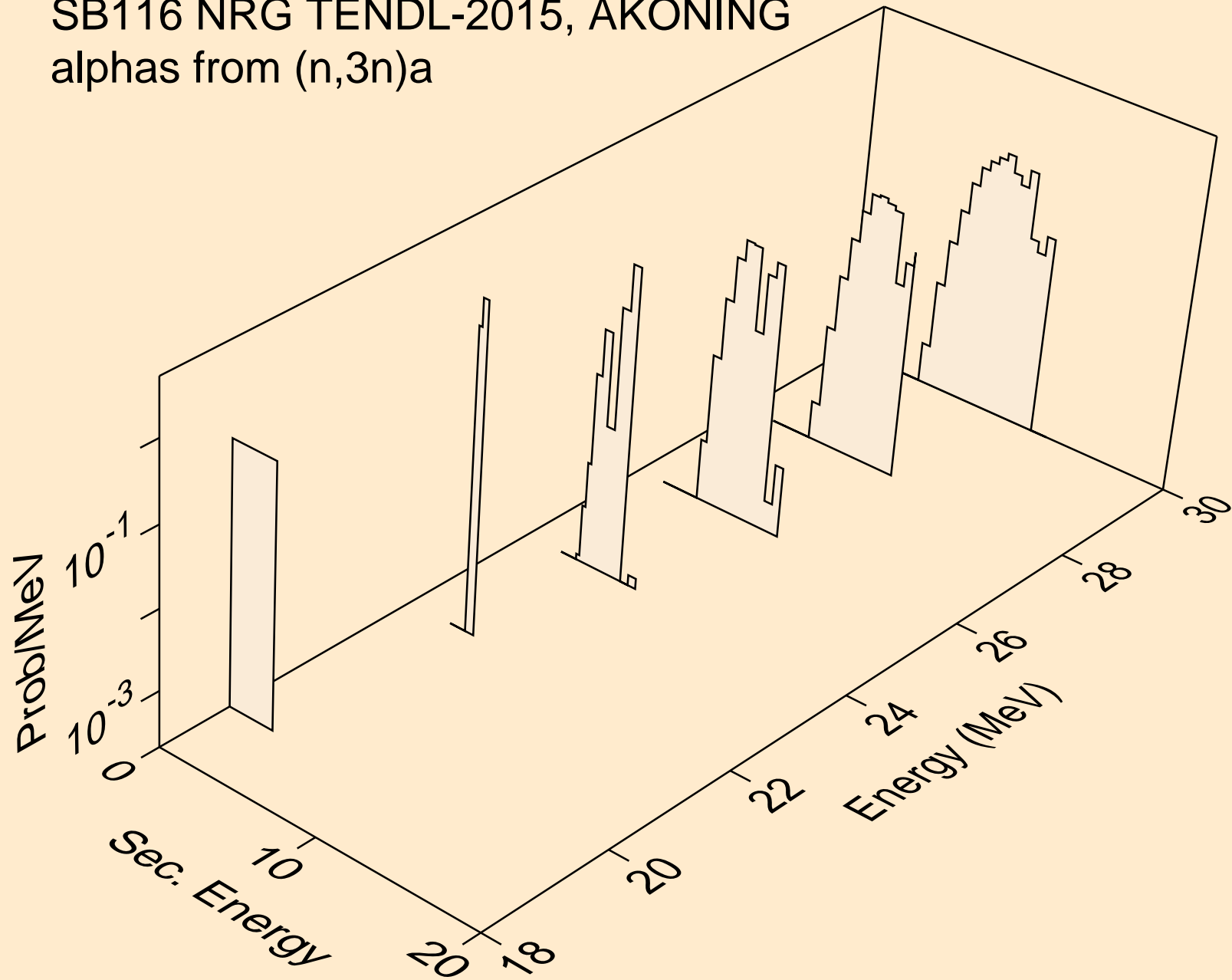
SB116 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



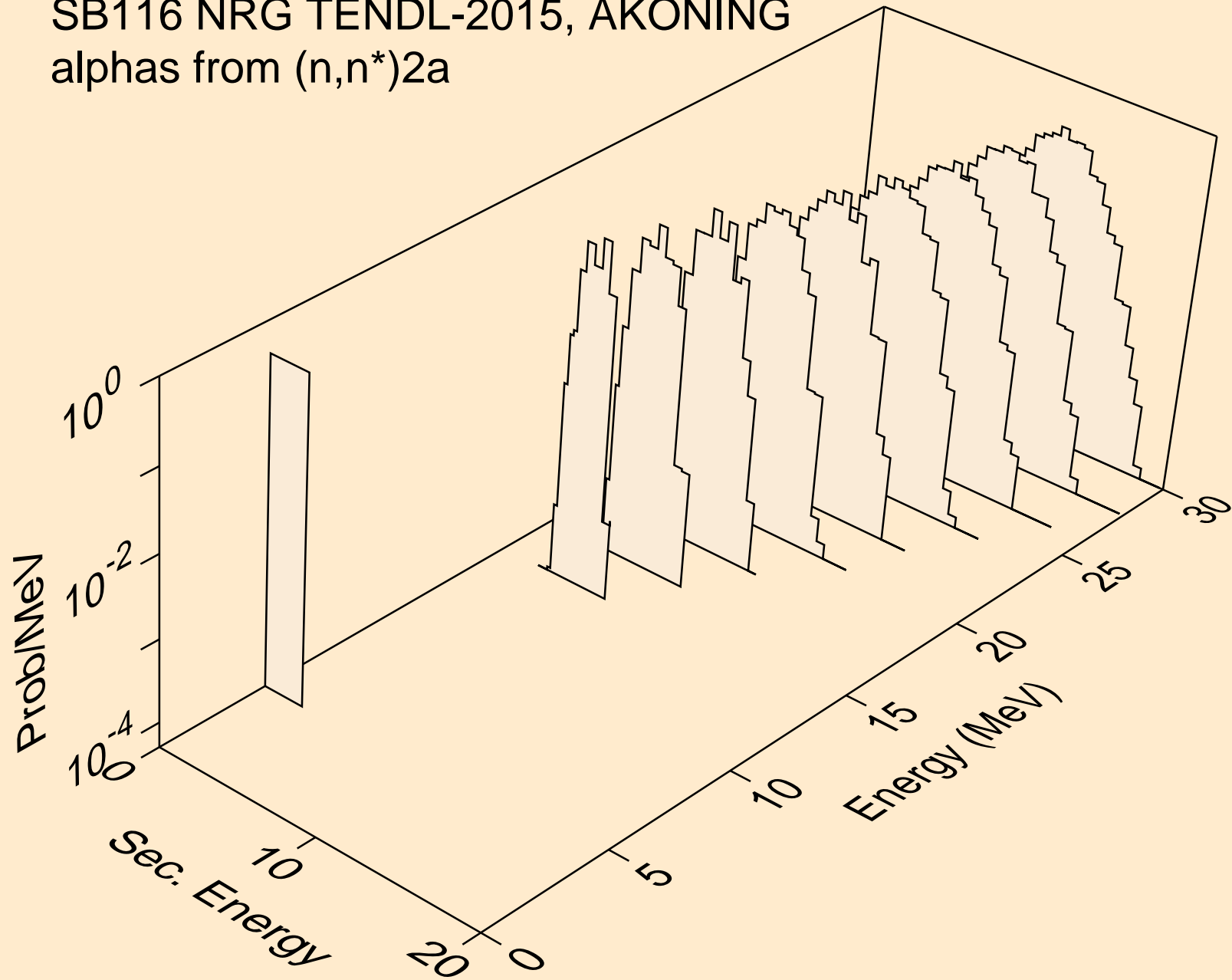
SB116 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



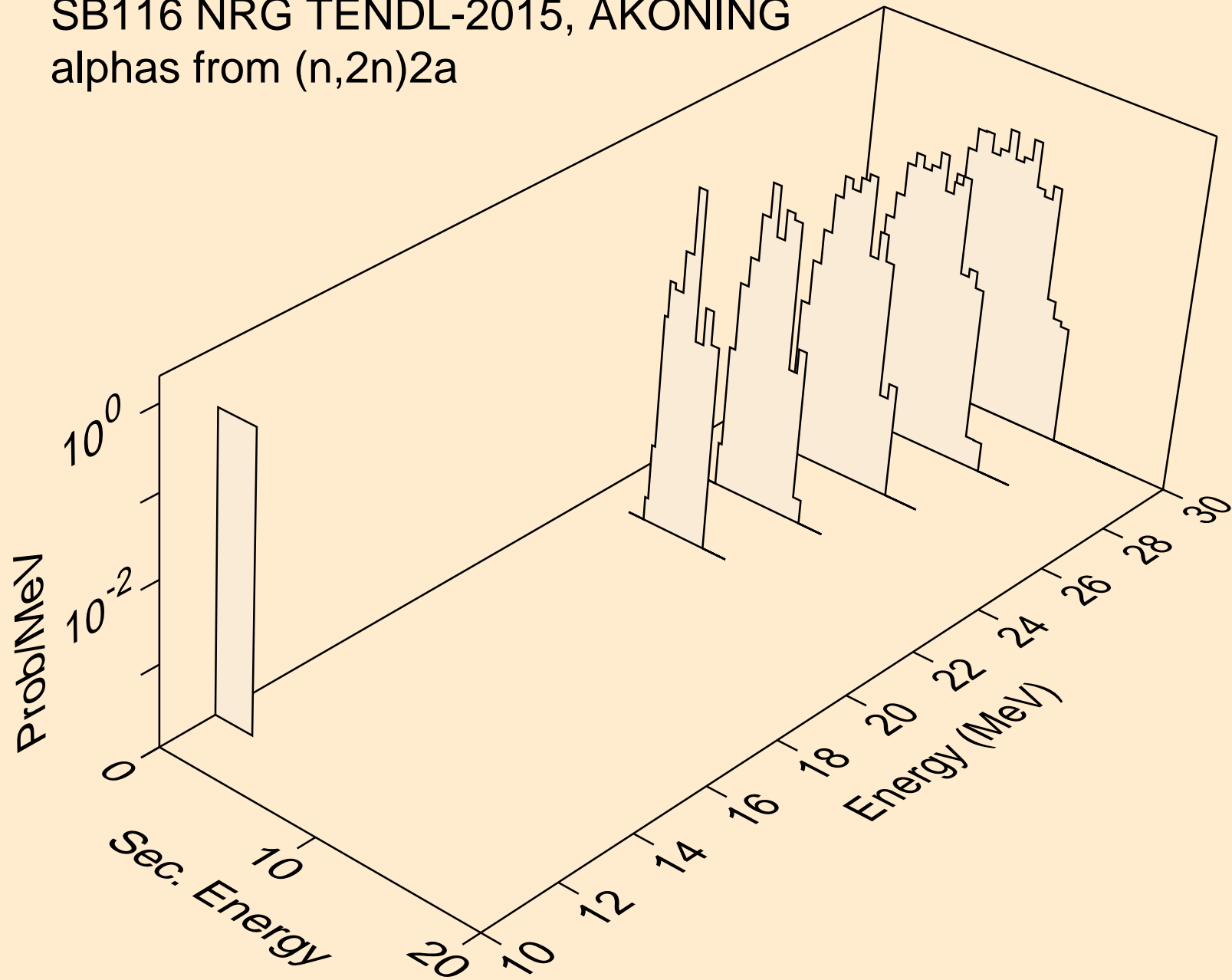
SB116 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



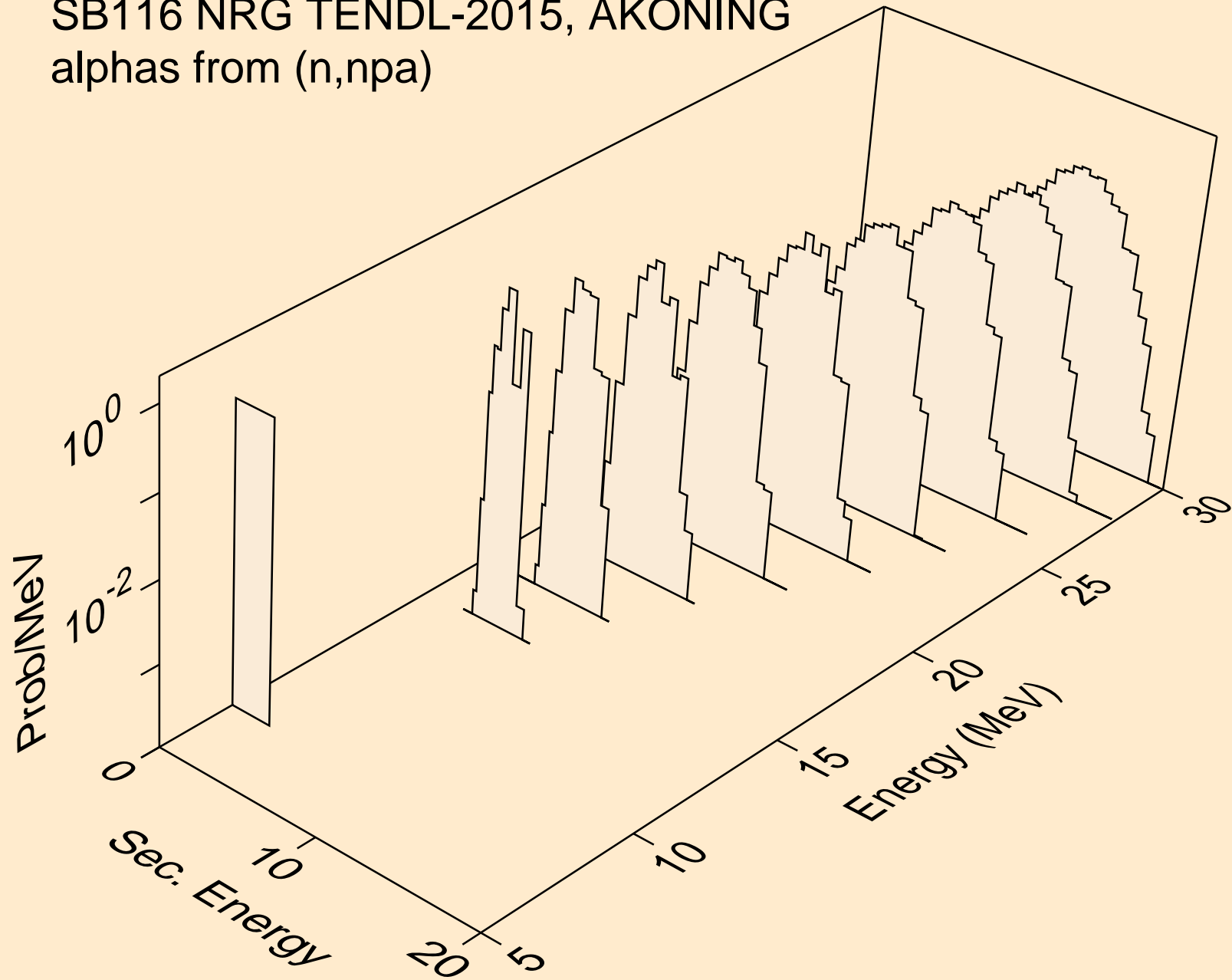
SB116 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



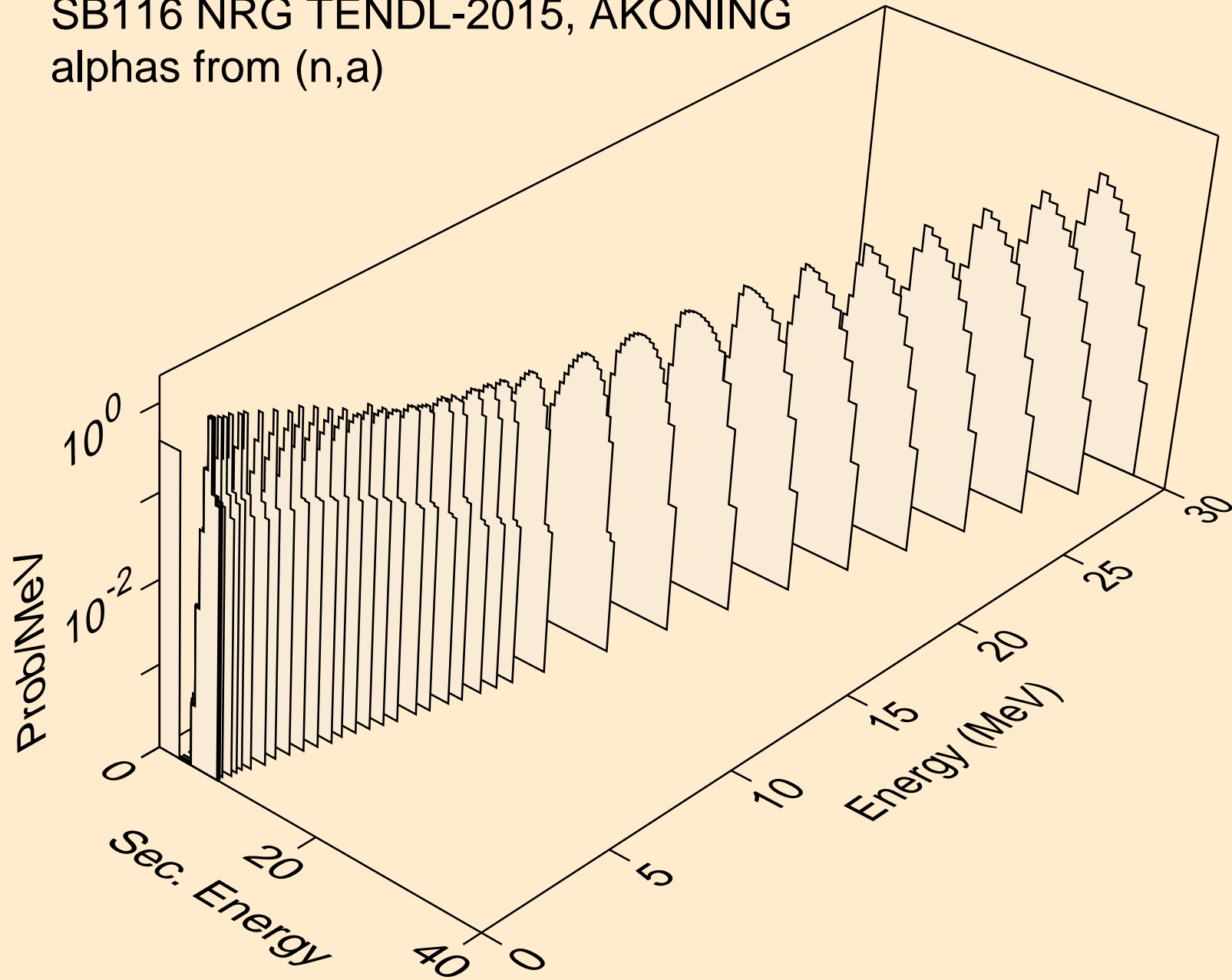
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alphas from (n,2n)2a



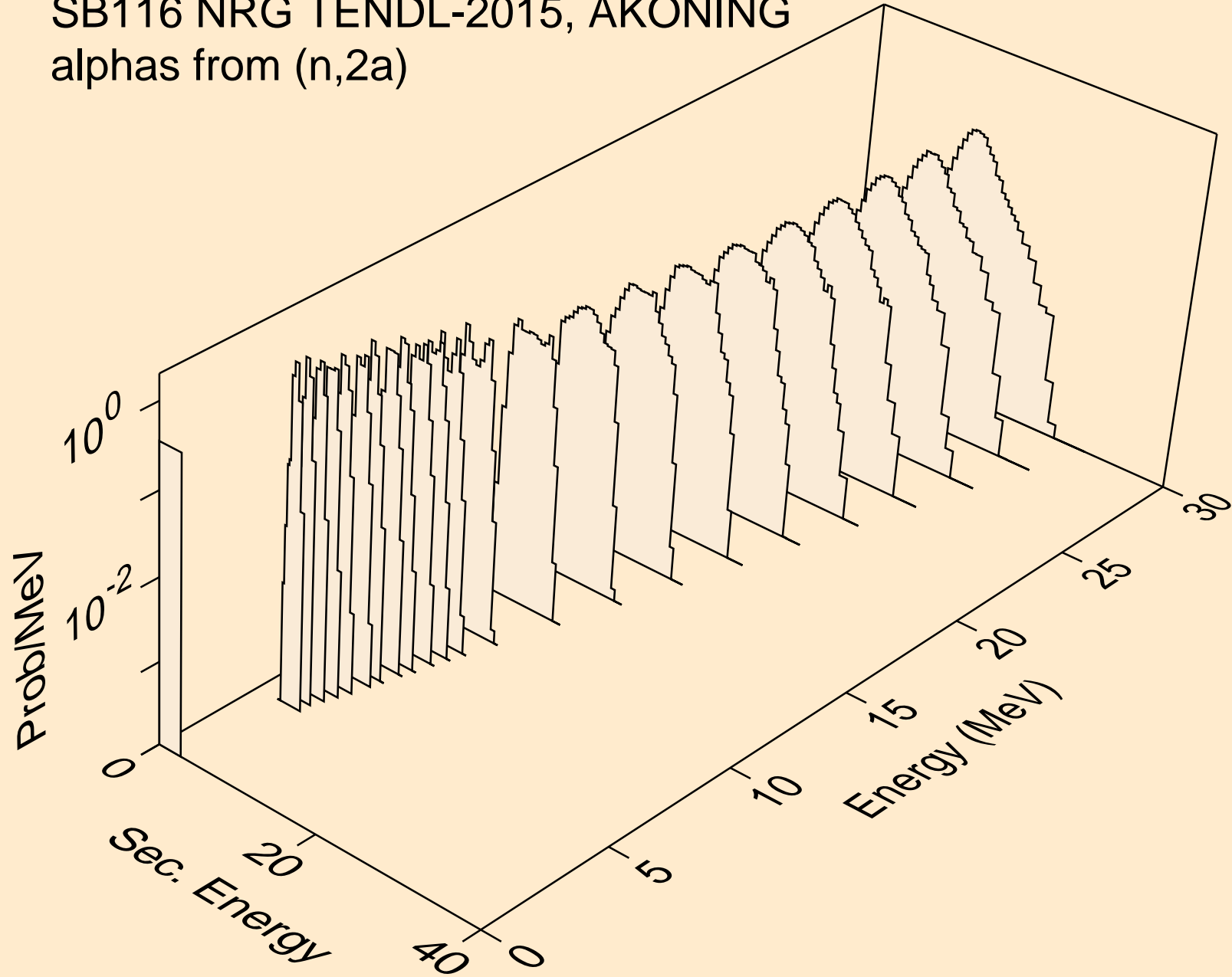
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alphas from (n,npa)



SB116 NRG TENDL-2015, AKONING  
alphas from (n,a)

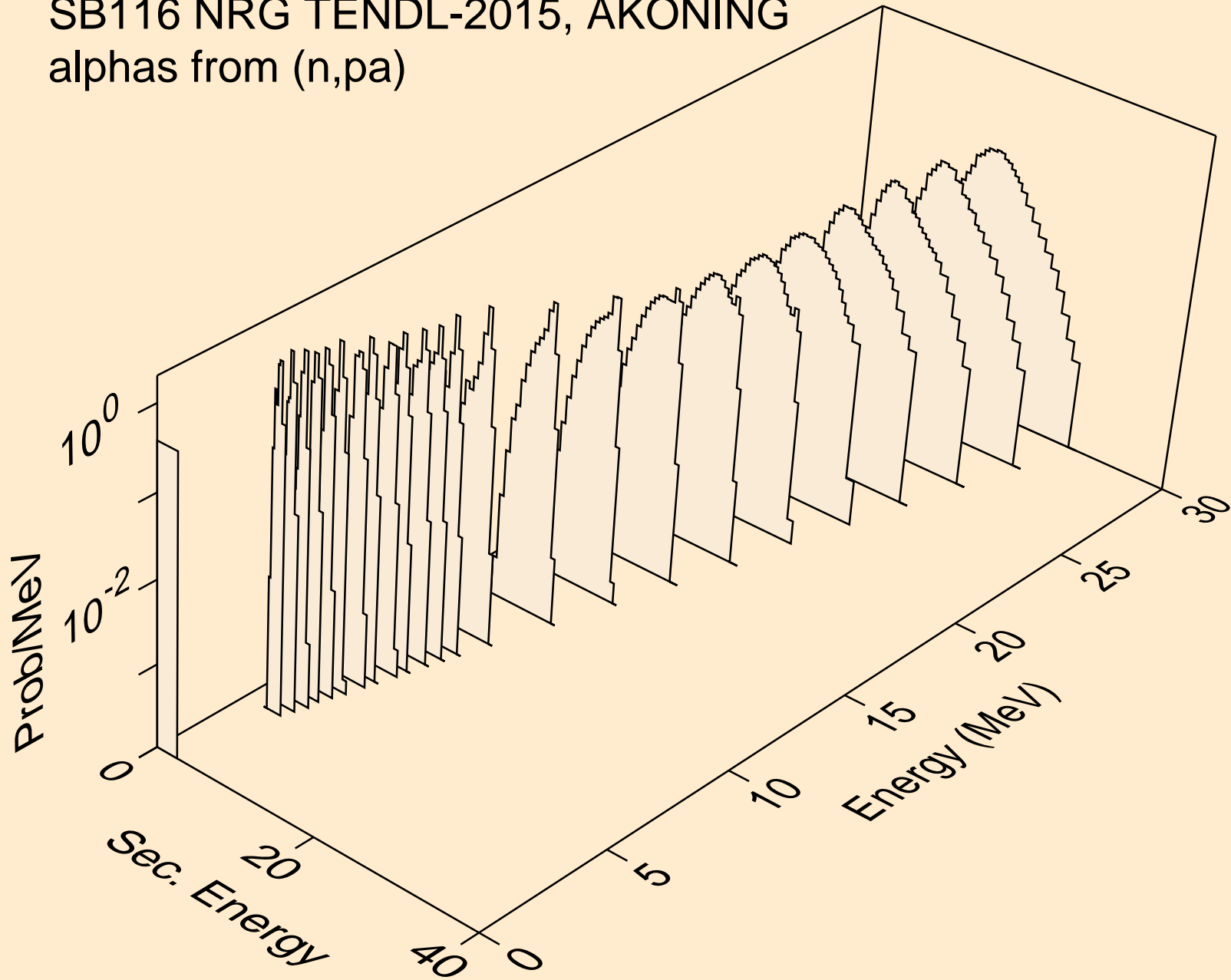


SB116 NRG TENDL-2015, AKONING  
alphas from (n,2a)





SB116 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SB116 NRG TENDL-2015, AKONING  
alphas from (n,da)

