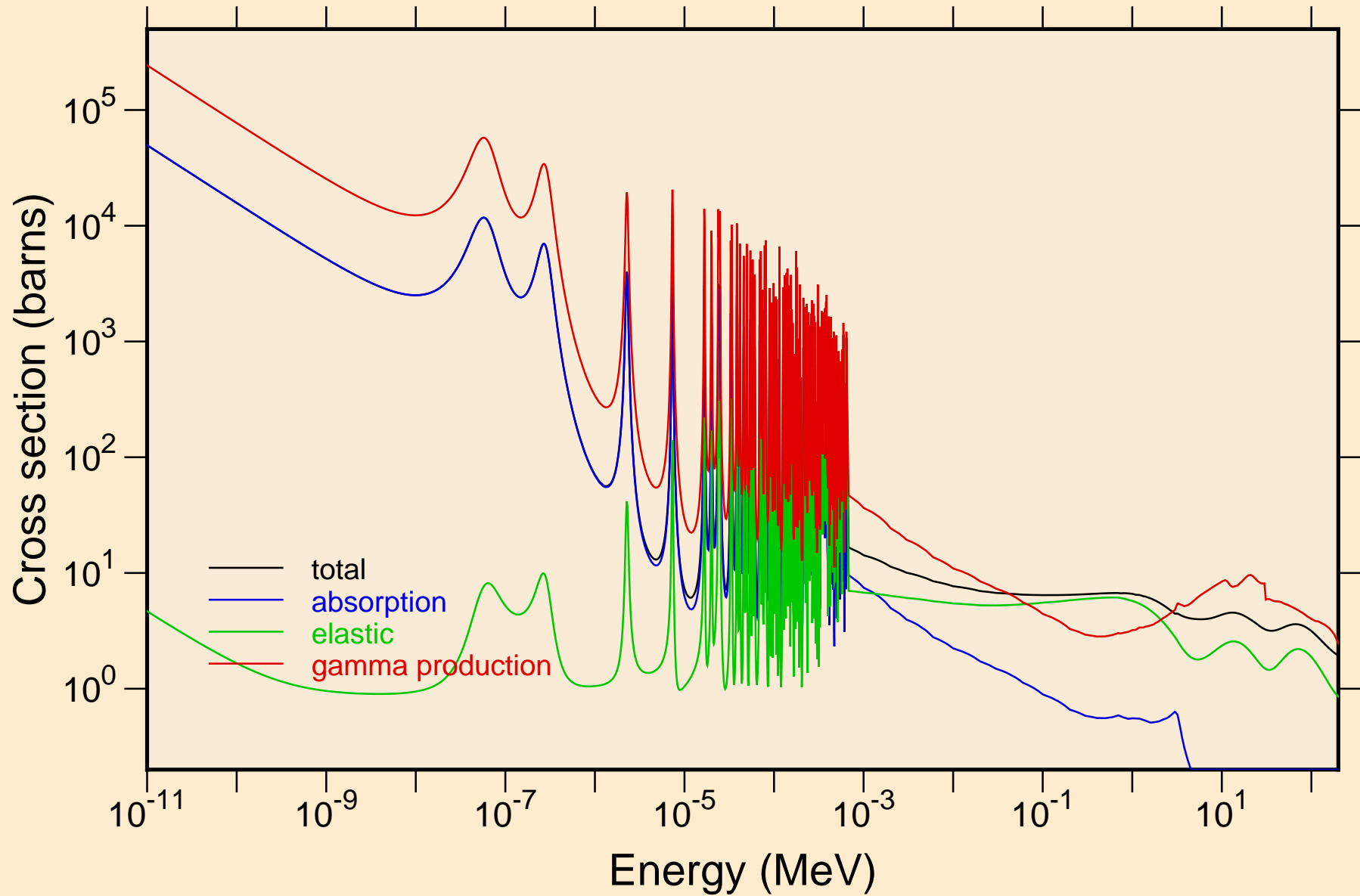
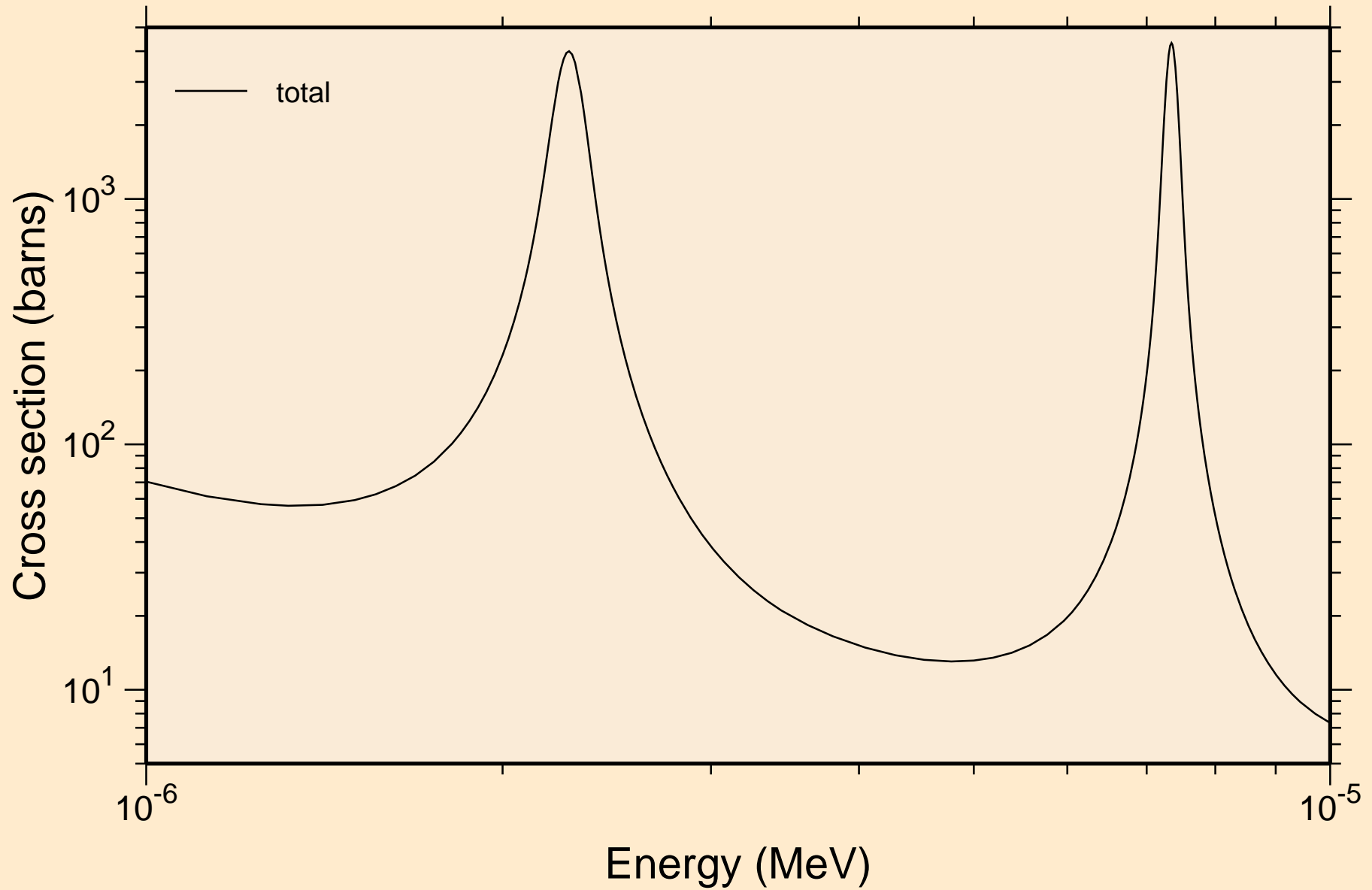


# SB115 NRG TENDL-2015, AKONING

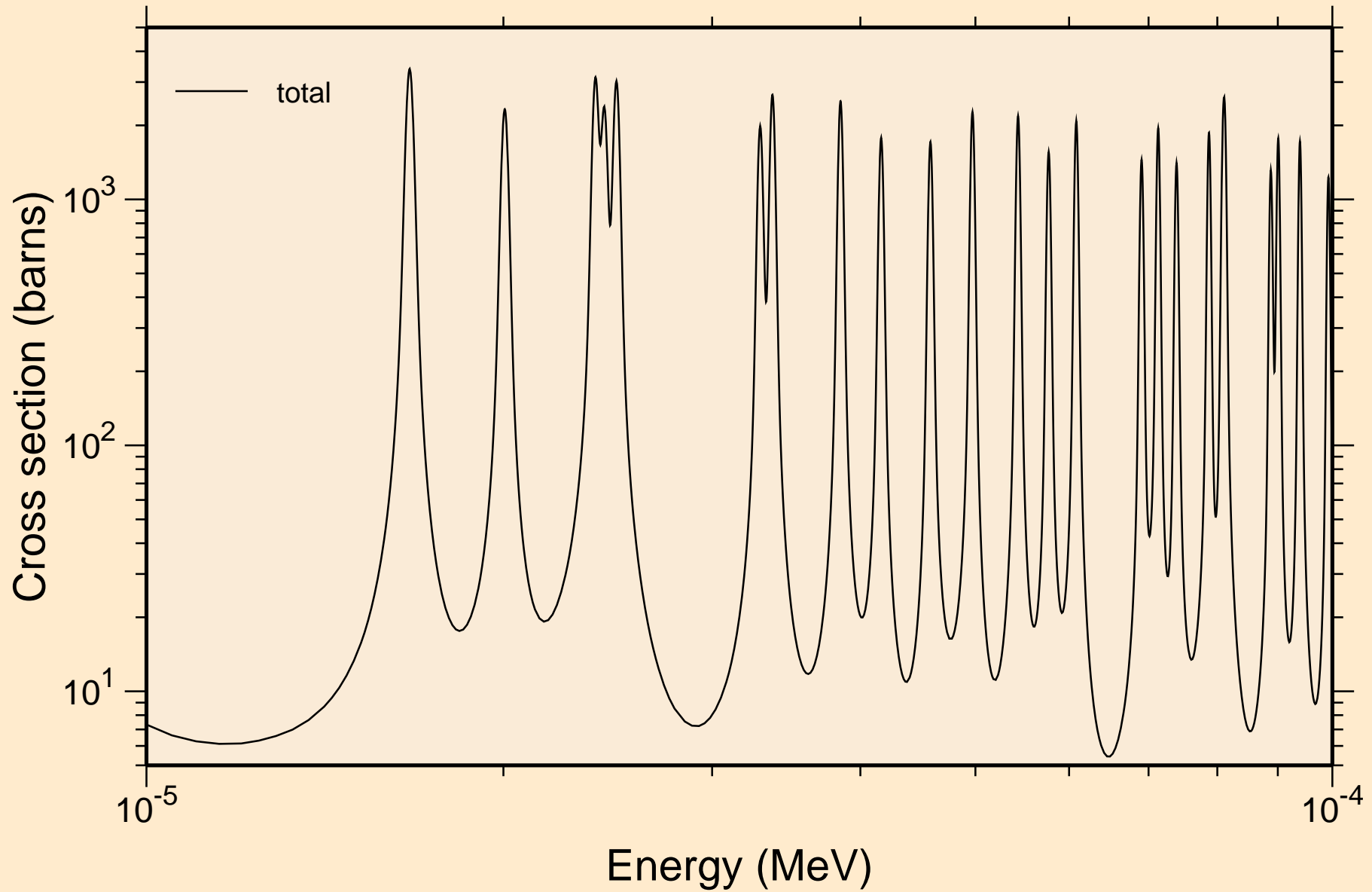
## Principal cross sections



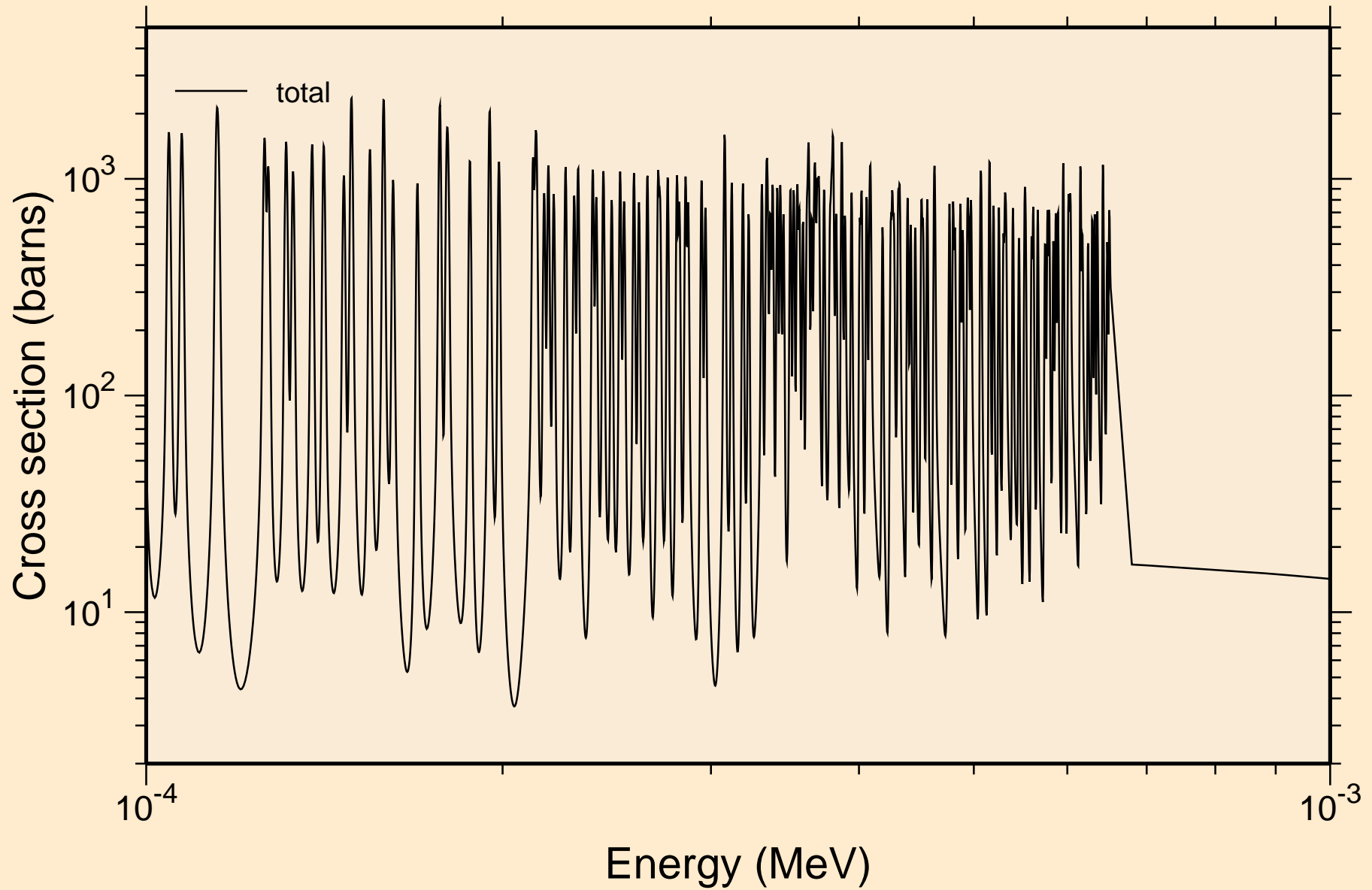
SB115 NRG TENDL-2015, AKONING  
resonance total cross section



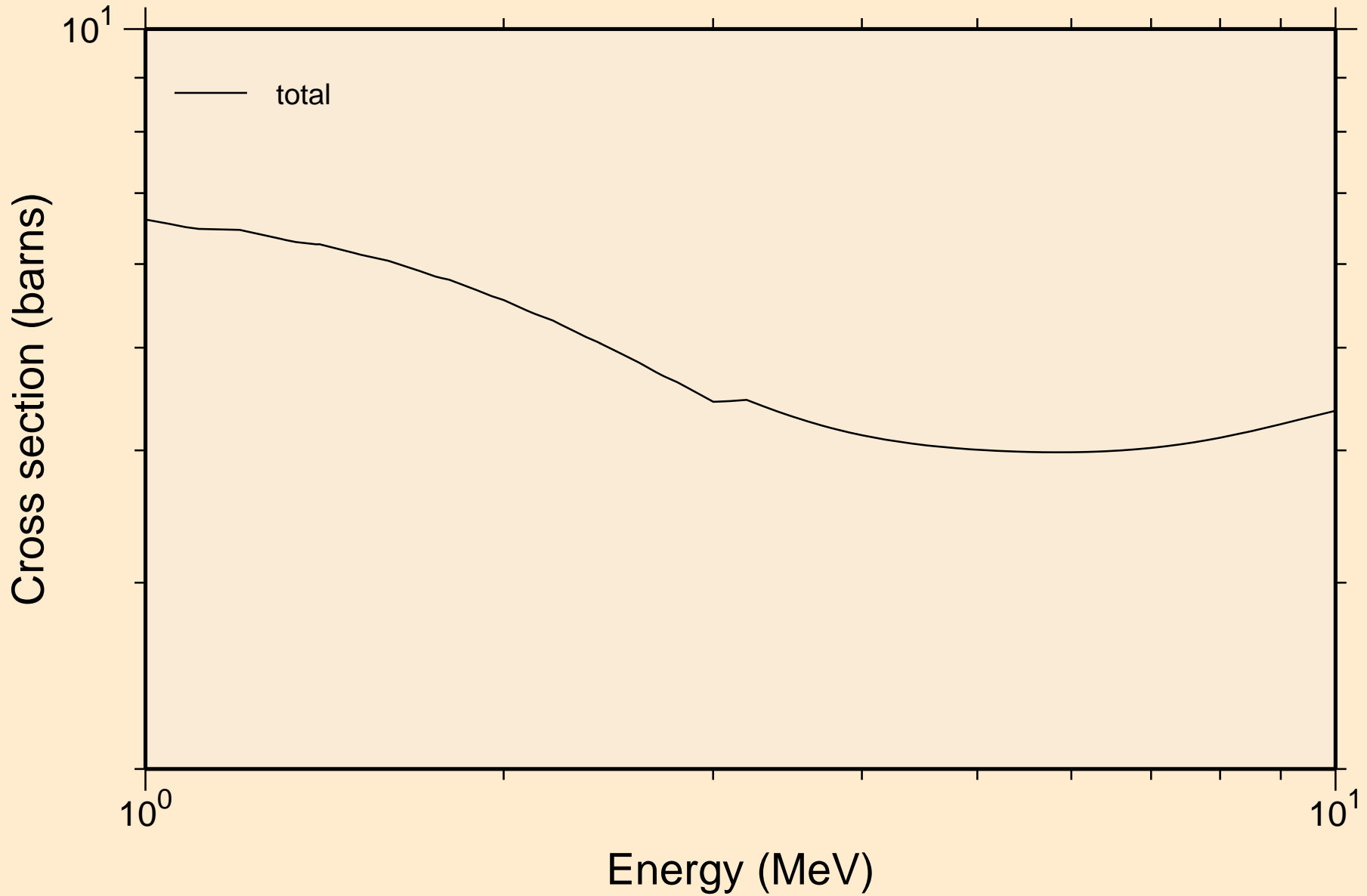
SB115 NRG TENDL-2015, AKONING  
resonance total cross section



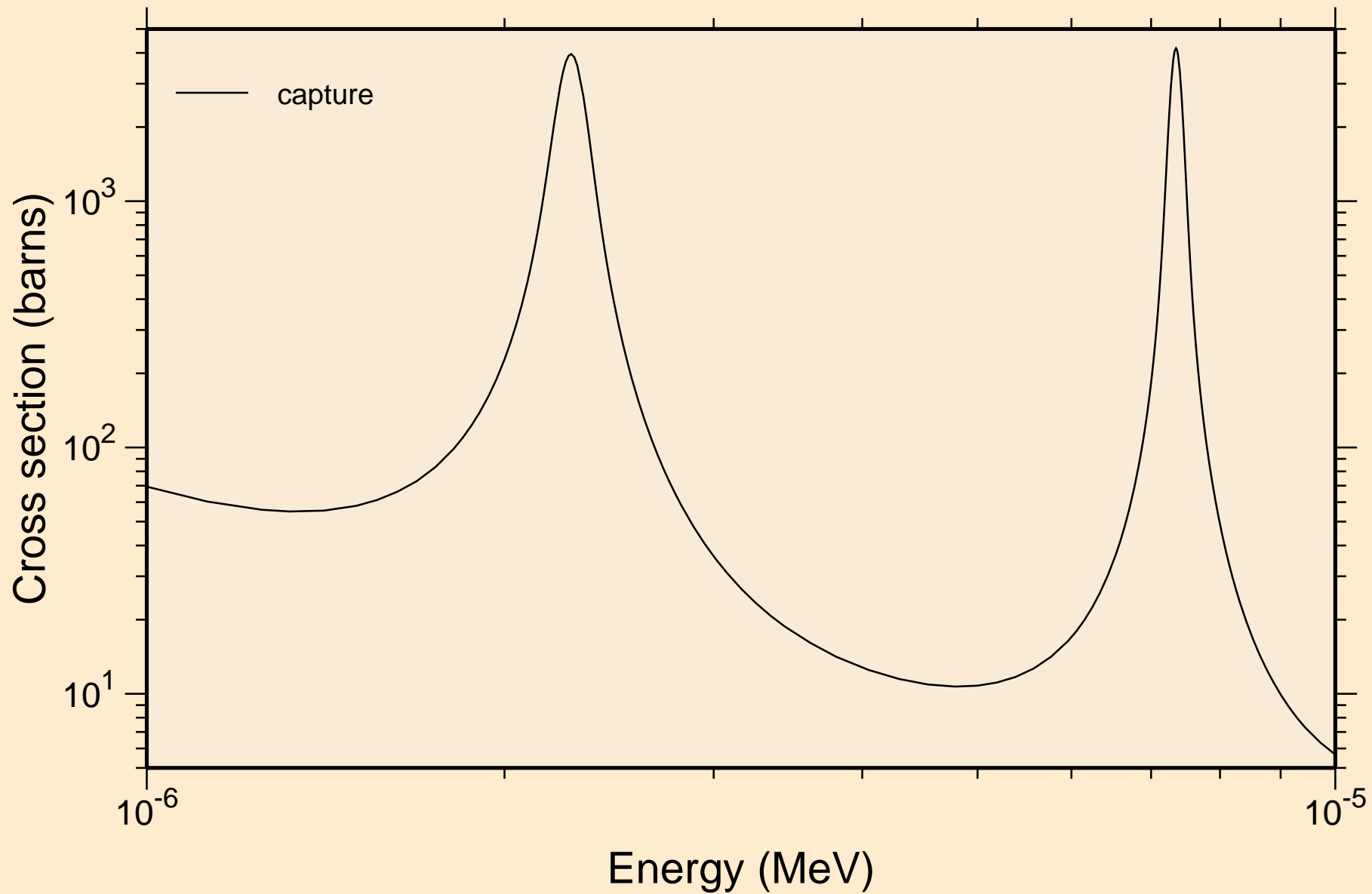
SB115 NRG TENDL-2015, AKONING  
resonance total cross section



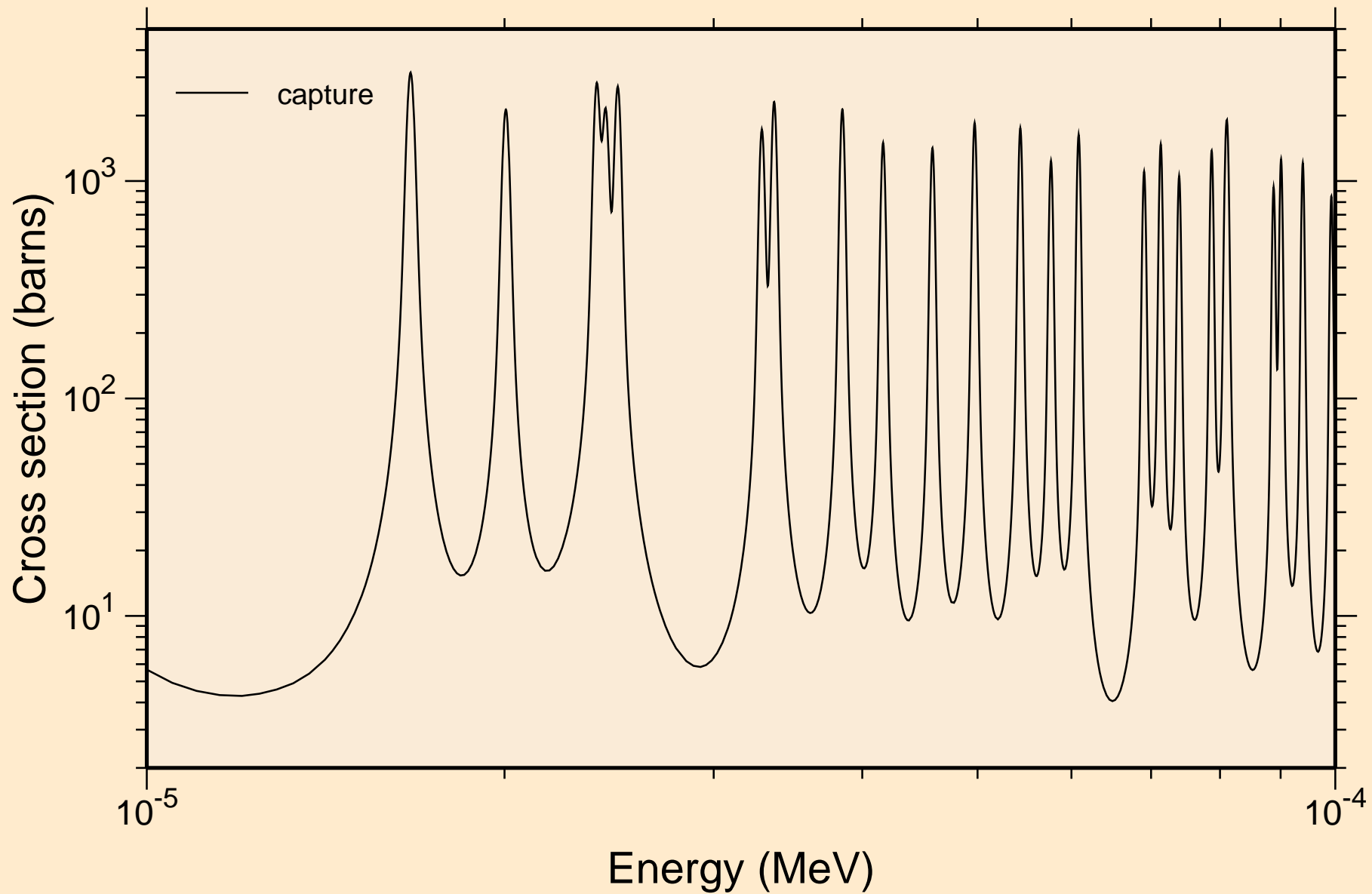
SB115 NRG TENDL-2015, AKONING  
resonance total cross section



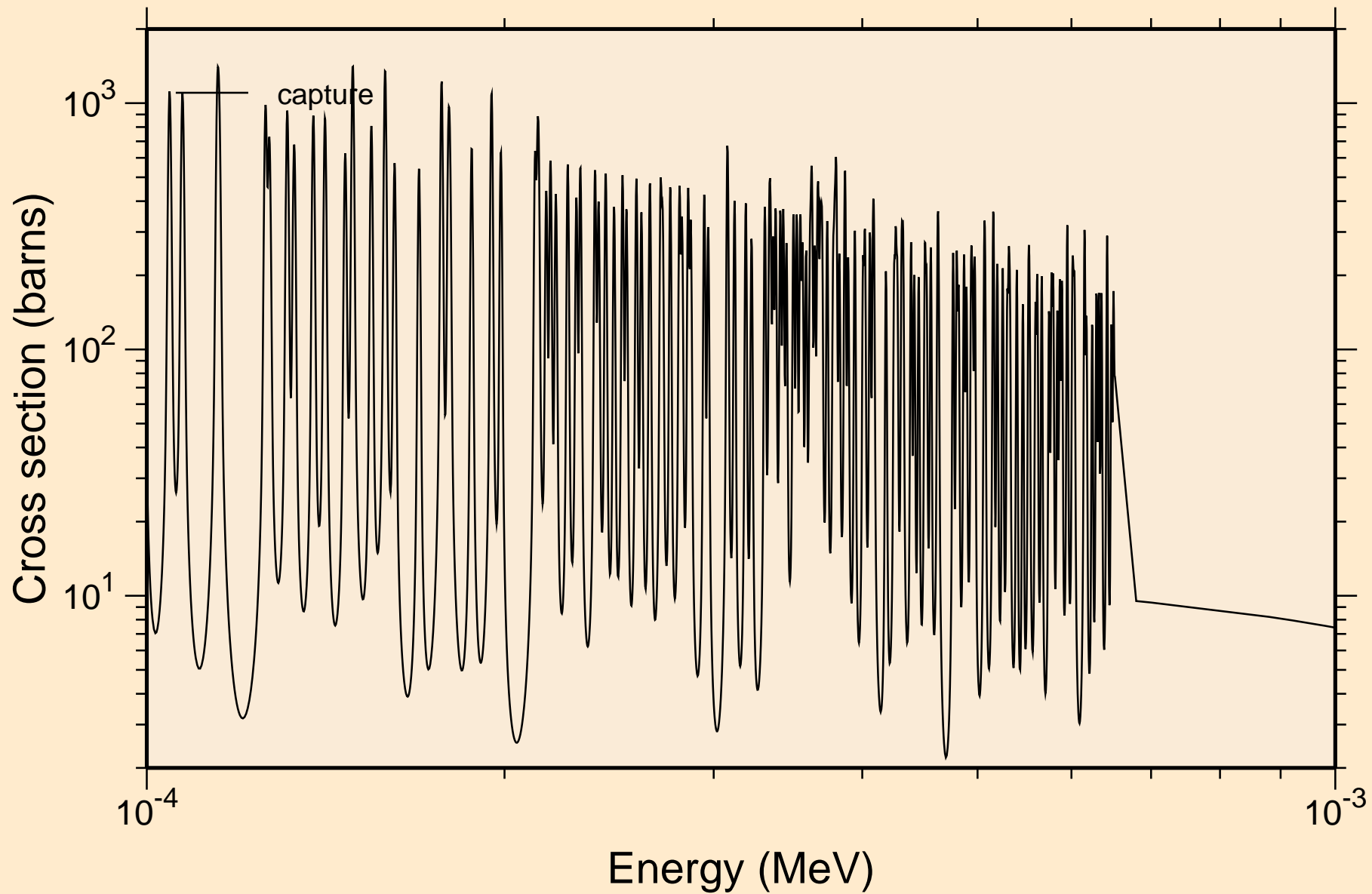
SB115 NRG TENDL-2015, AKONING  
resonance absorption cross sections



SB115 NRG TENDL-2015, AKONING  
resonance absorption cross sections

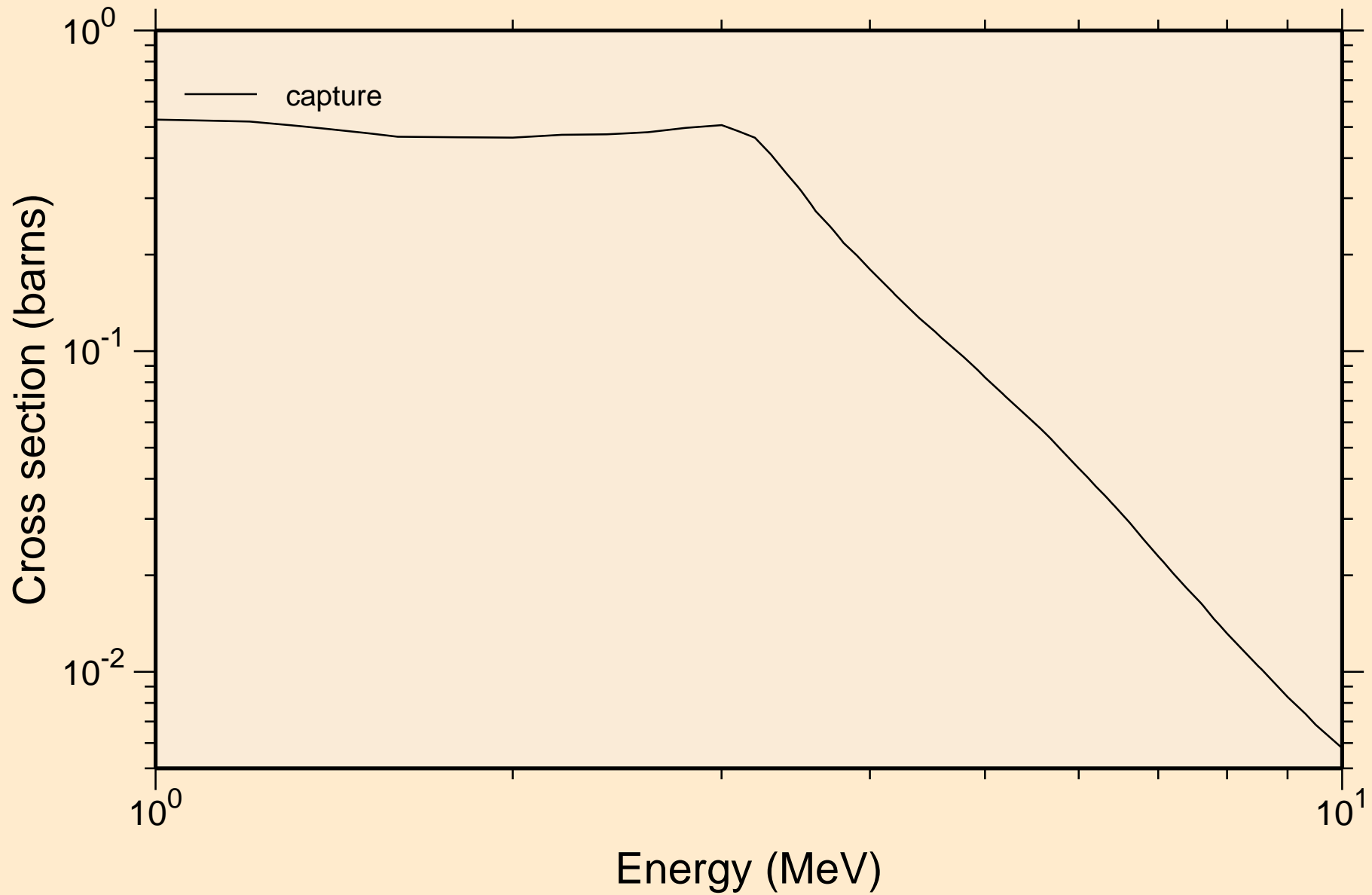


SB115 NRG TENDL-2015, AKONING  
resonance absorption cross sections



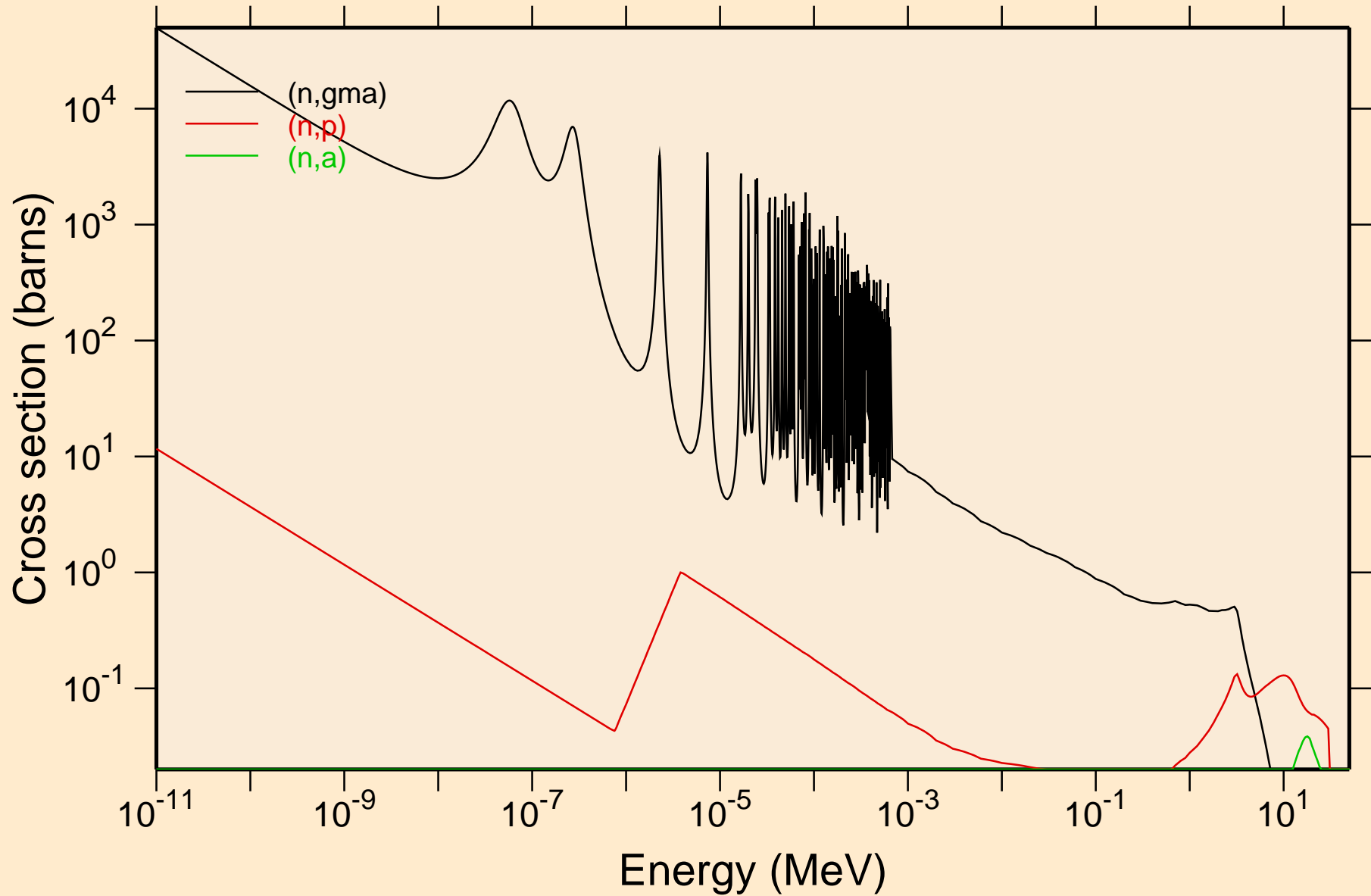


SB115 NRG TENDL-2015, AKONING  
resonance absorption cross sections



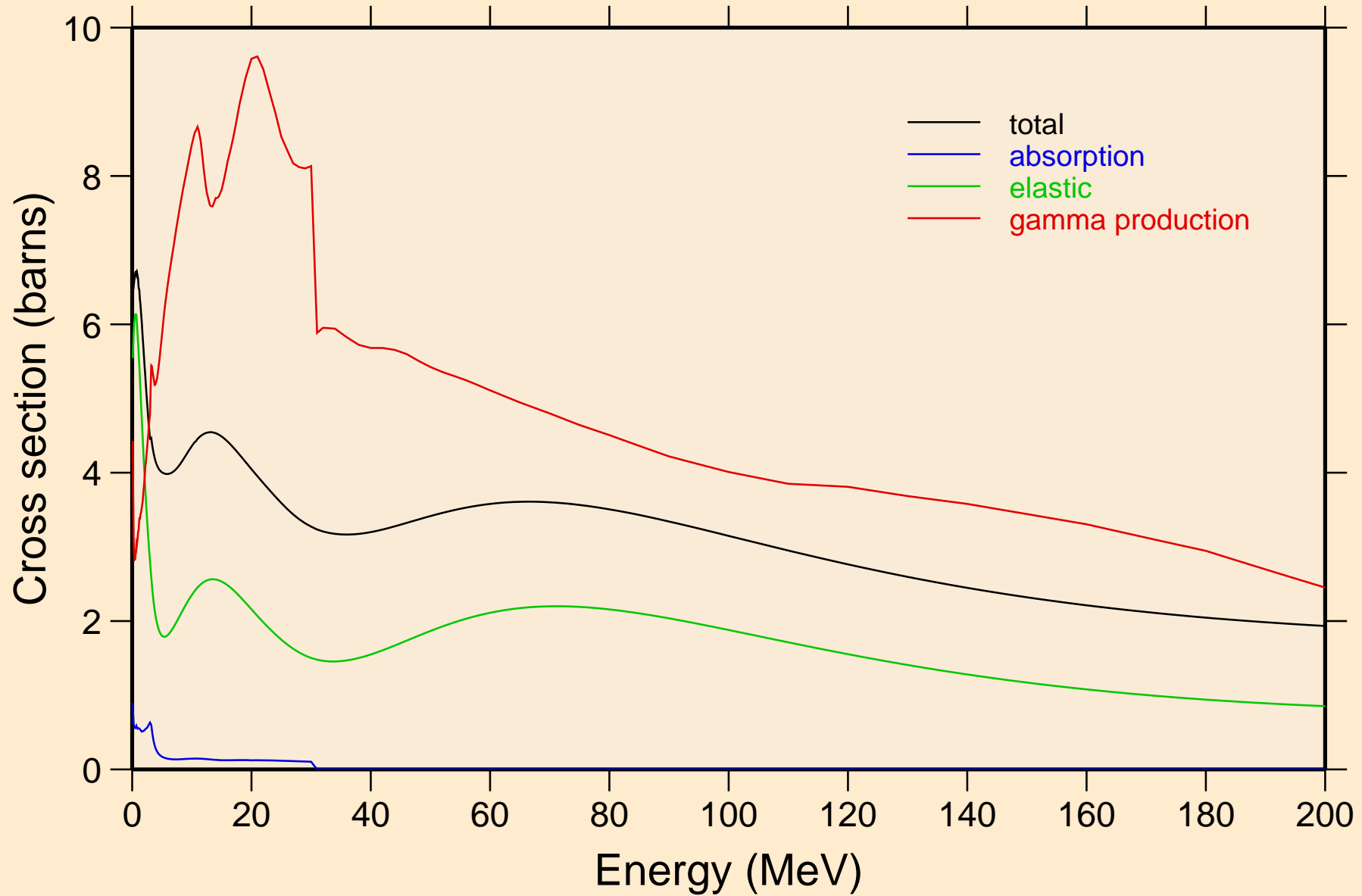
# SB115 NRG TENDL-2015, AKONING

## Non-threshold reactions



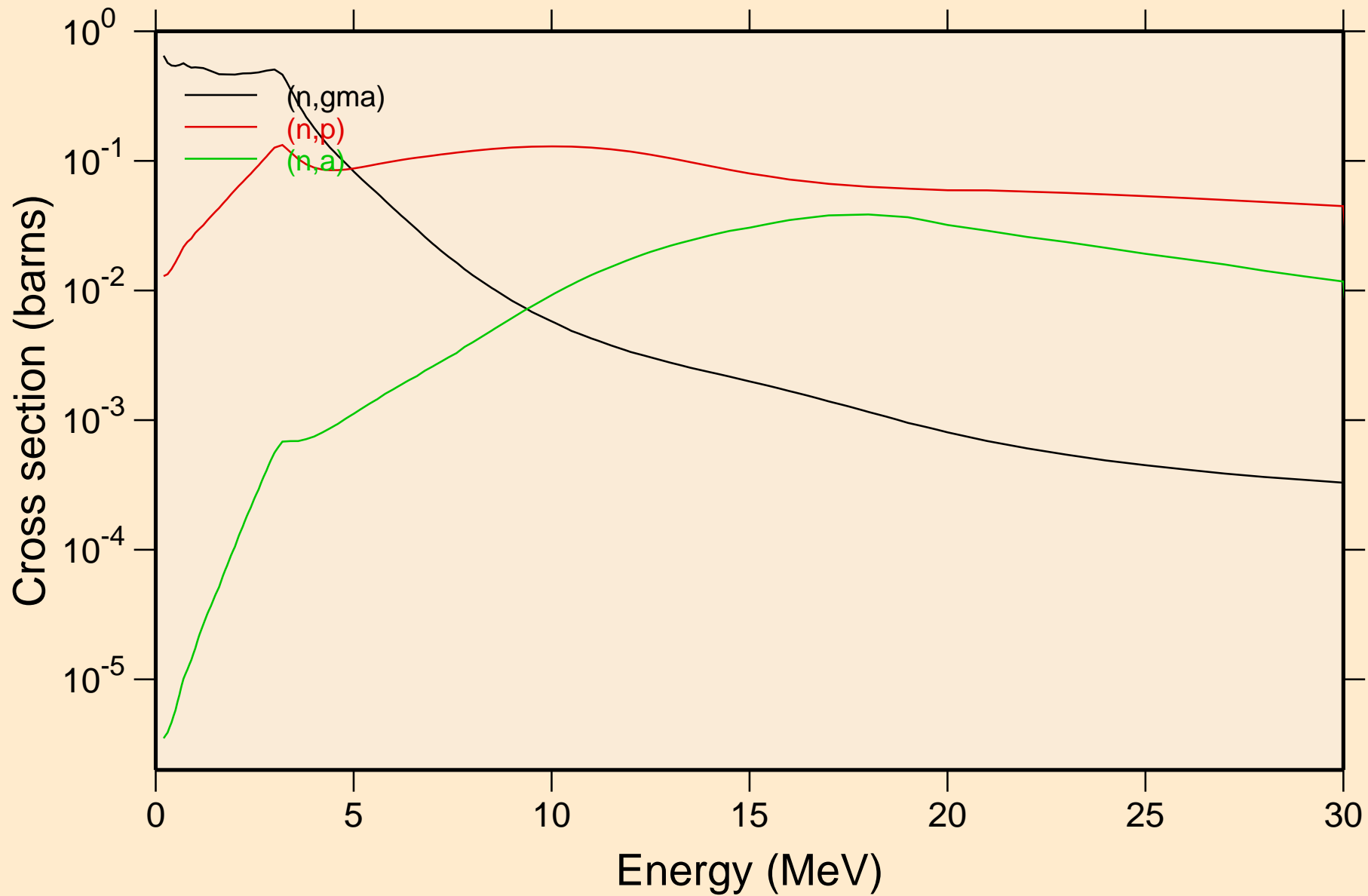
# SB115 NRG TENDL-2015, AKONING

## Principal cross sections



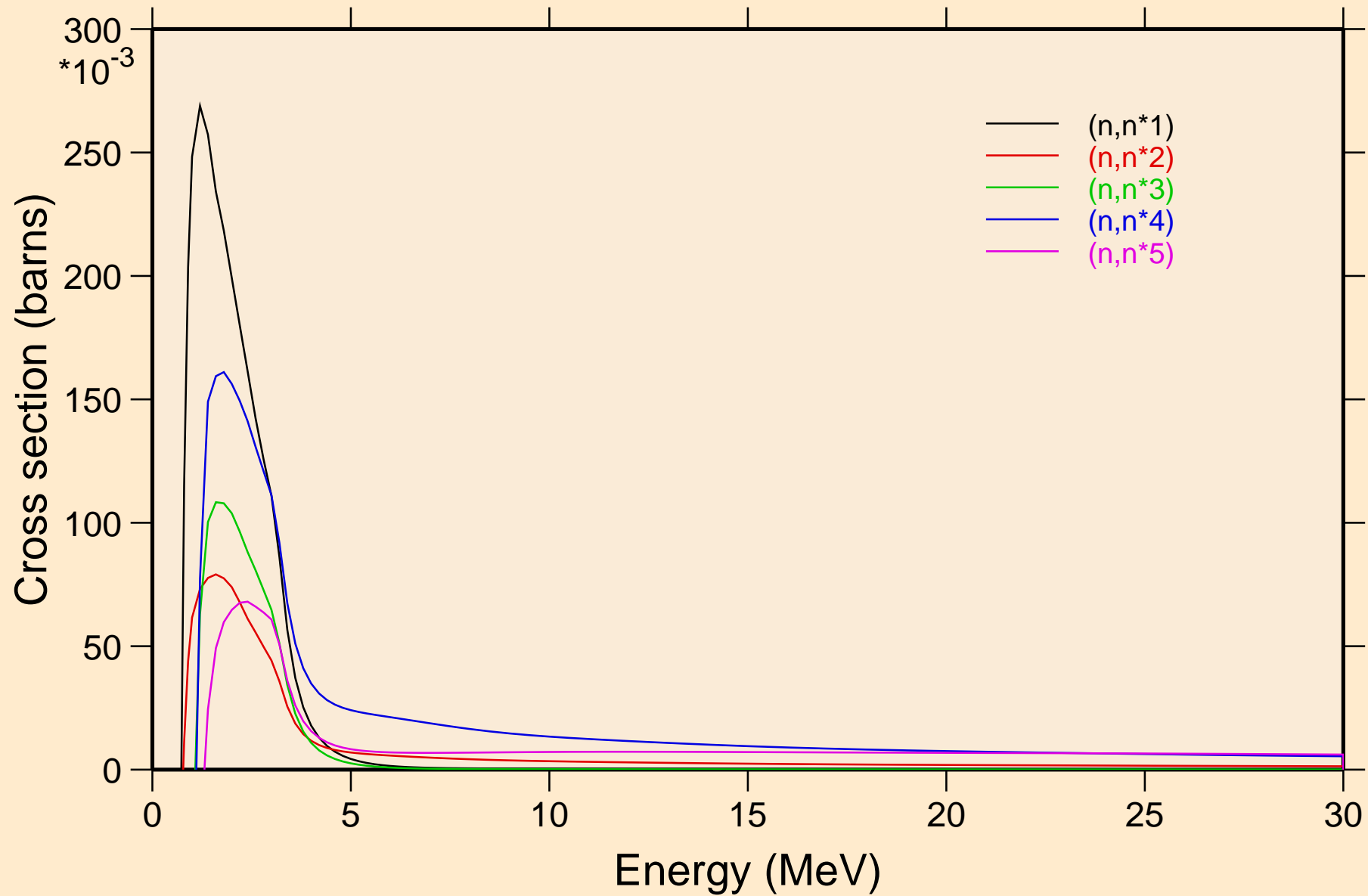
# SB115 NRG TENDL-2015, AKONING

## Non-threshold reactions



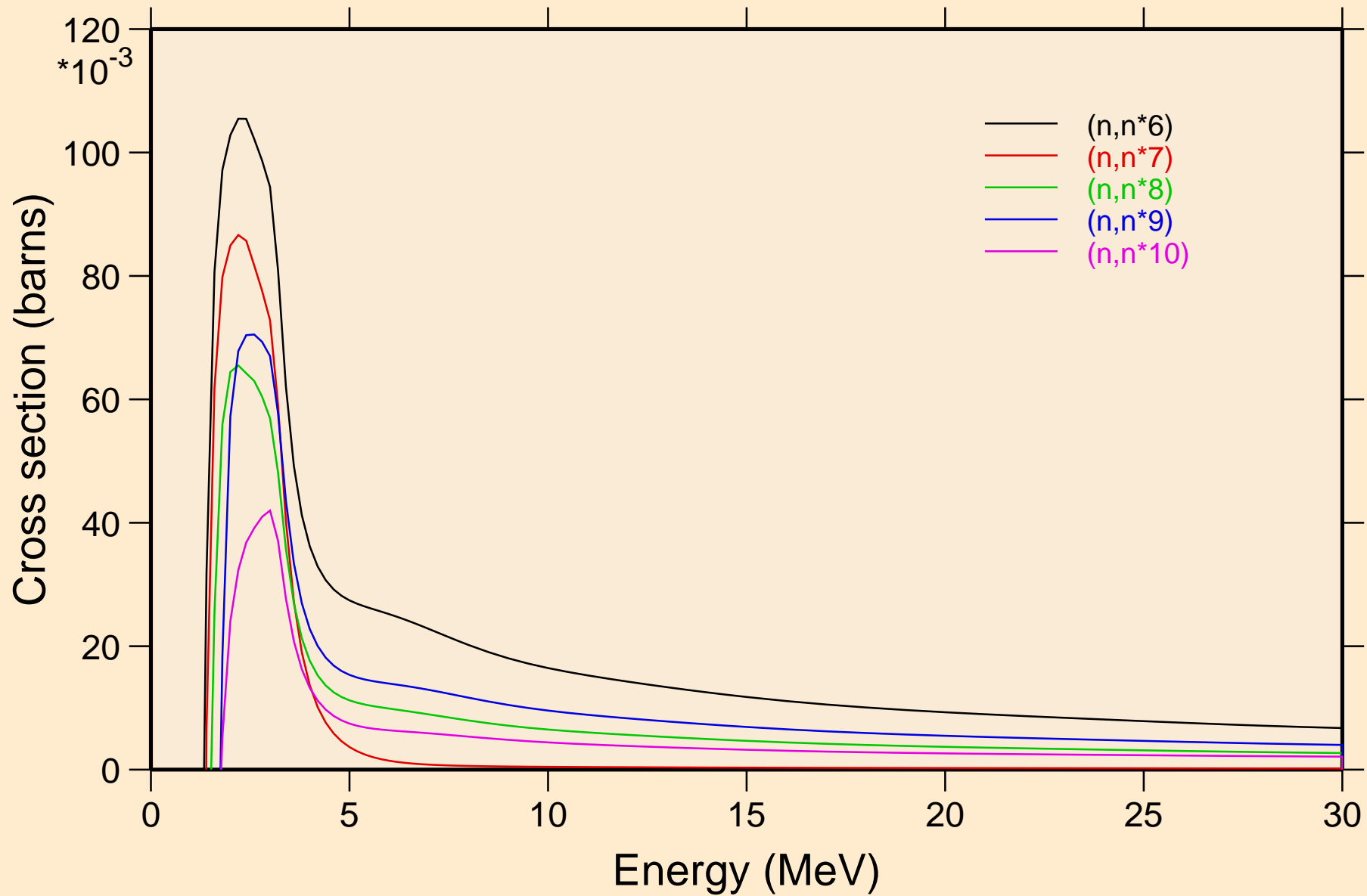
# SB115 NRG TENDL-2015, AKONING

## Inelastic levels



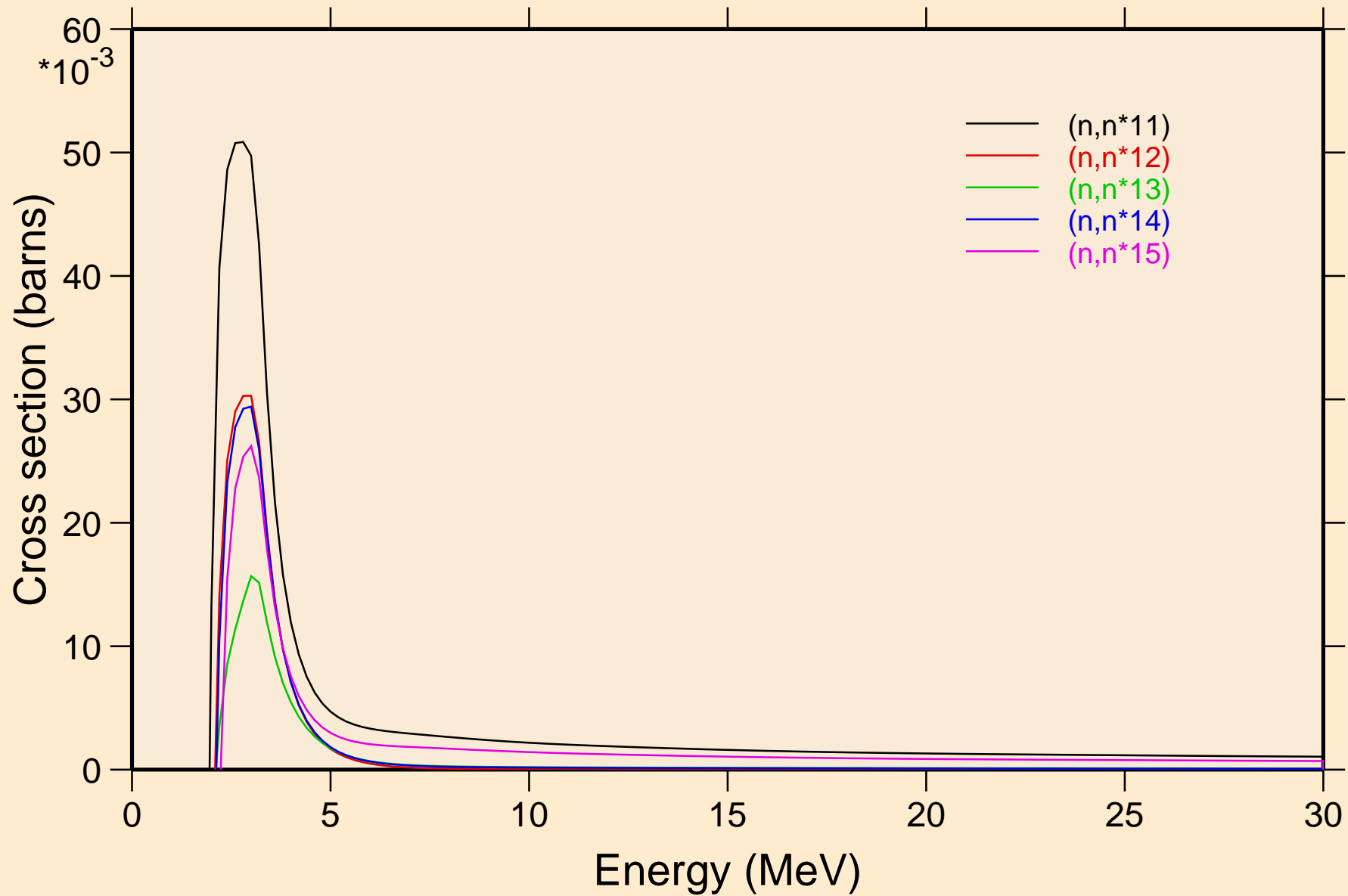
# SB115 NRG TENDL-2015, AKONING

## Inelastic levels



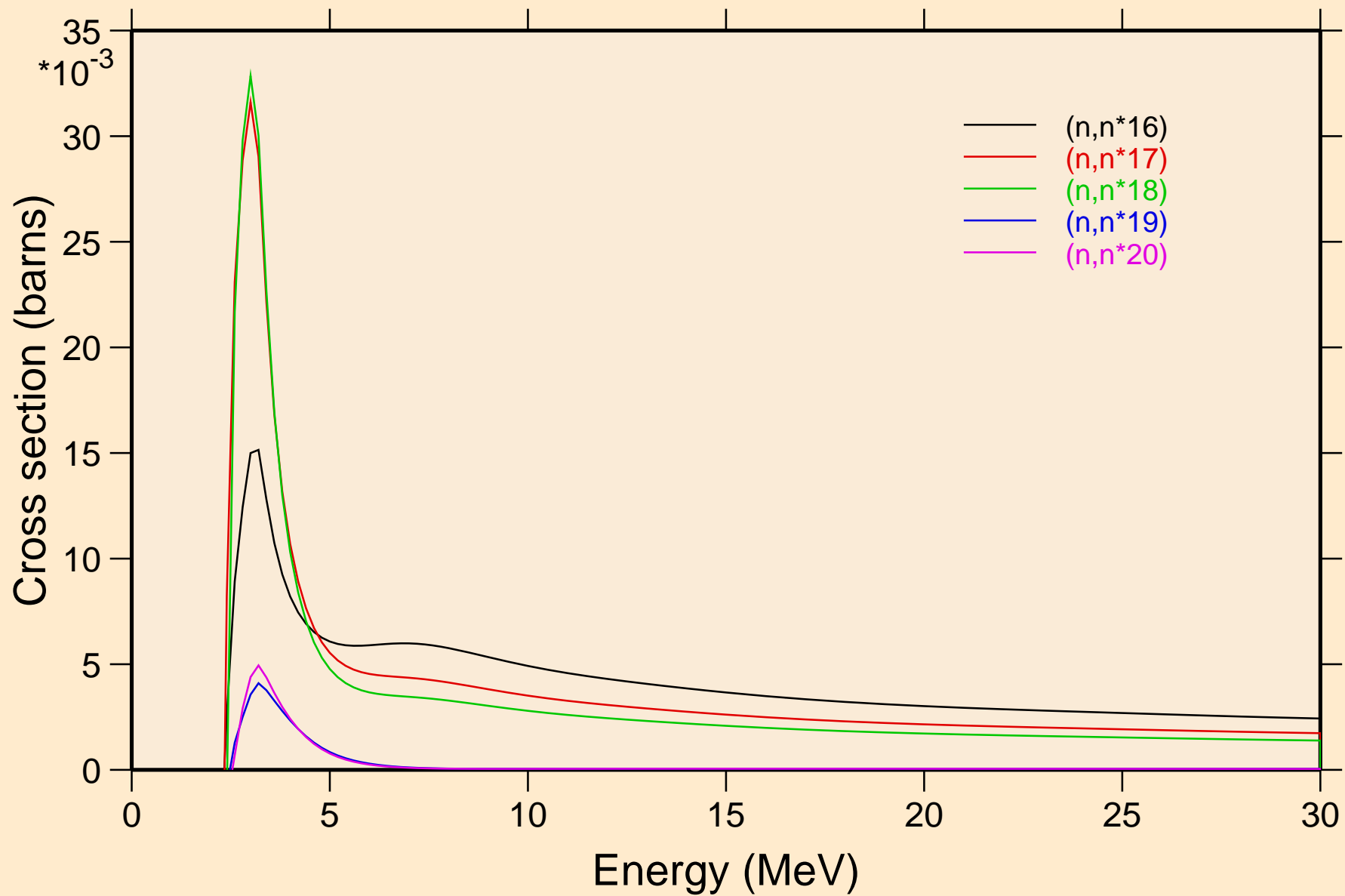
# SB115 NRG TENDL-2015, AKONING

## Inelastic levels



# SB115 NRG TENDL-2015, AKONING

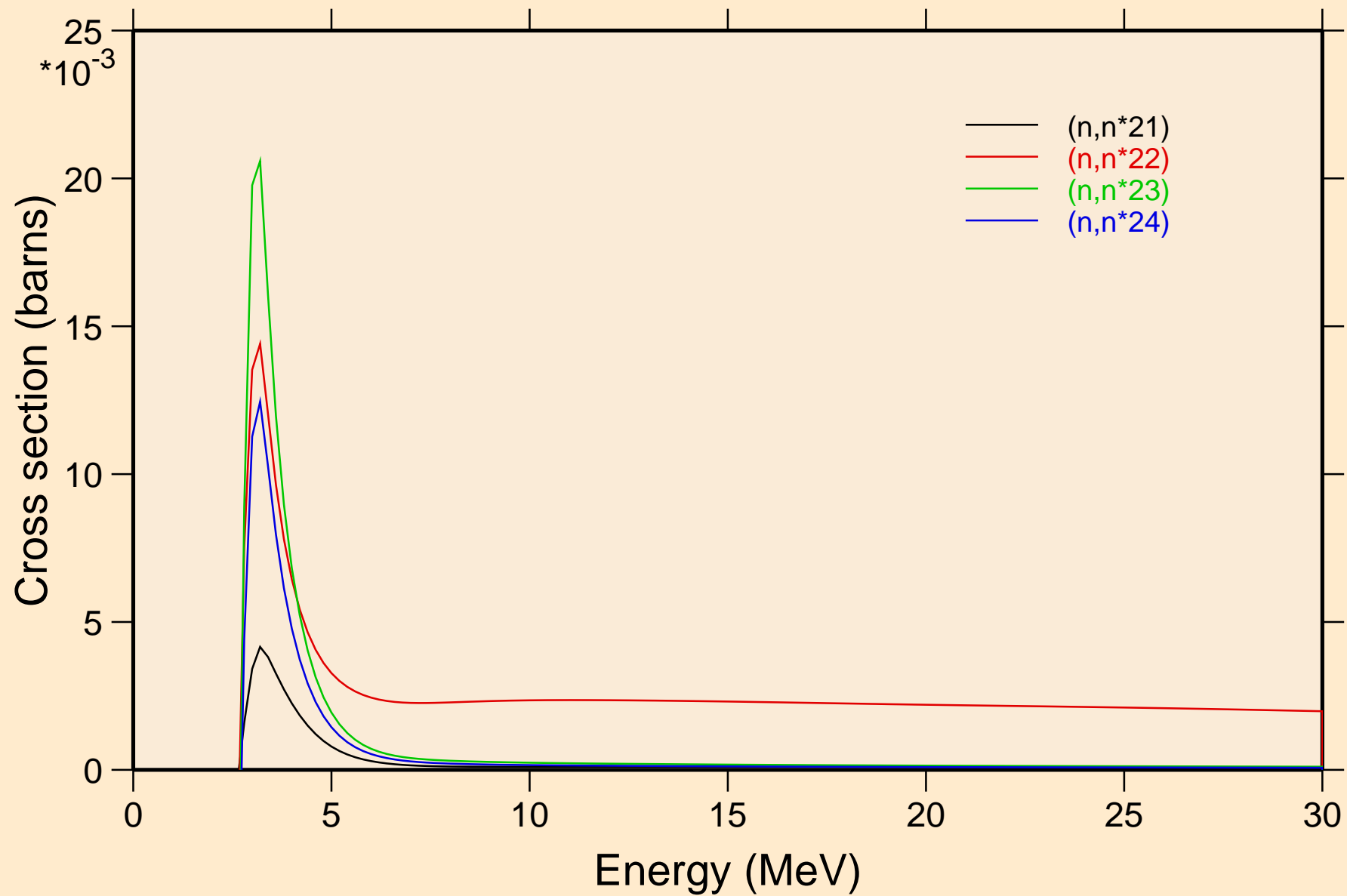
## Inelastic levels





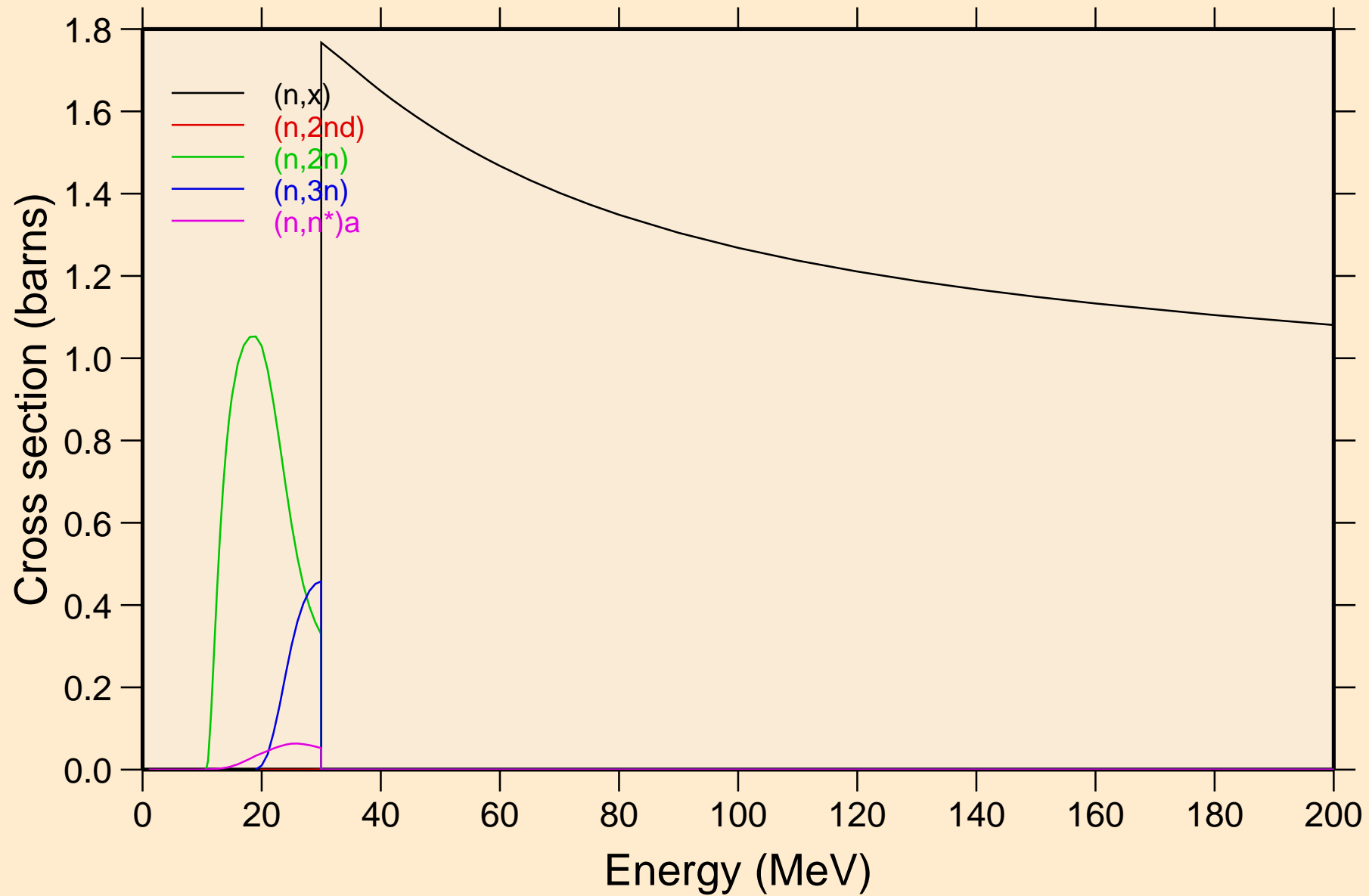
# SB115 NRG TENDL-2015, AKONING

## Inelastic levels



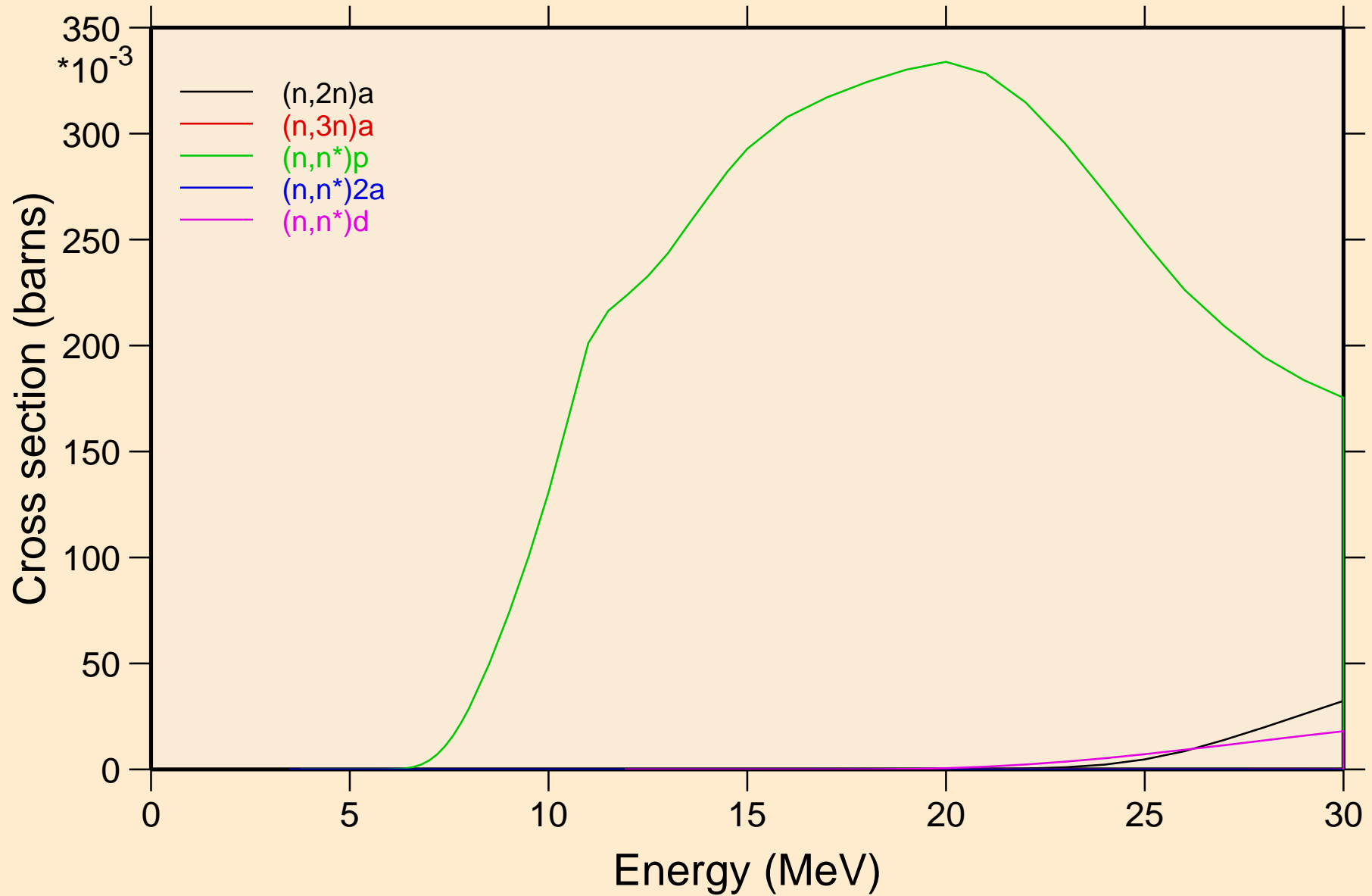
# SB115 NRG TENDL-2015, AKONING

## Threshold reactions



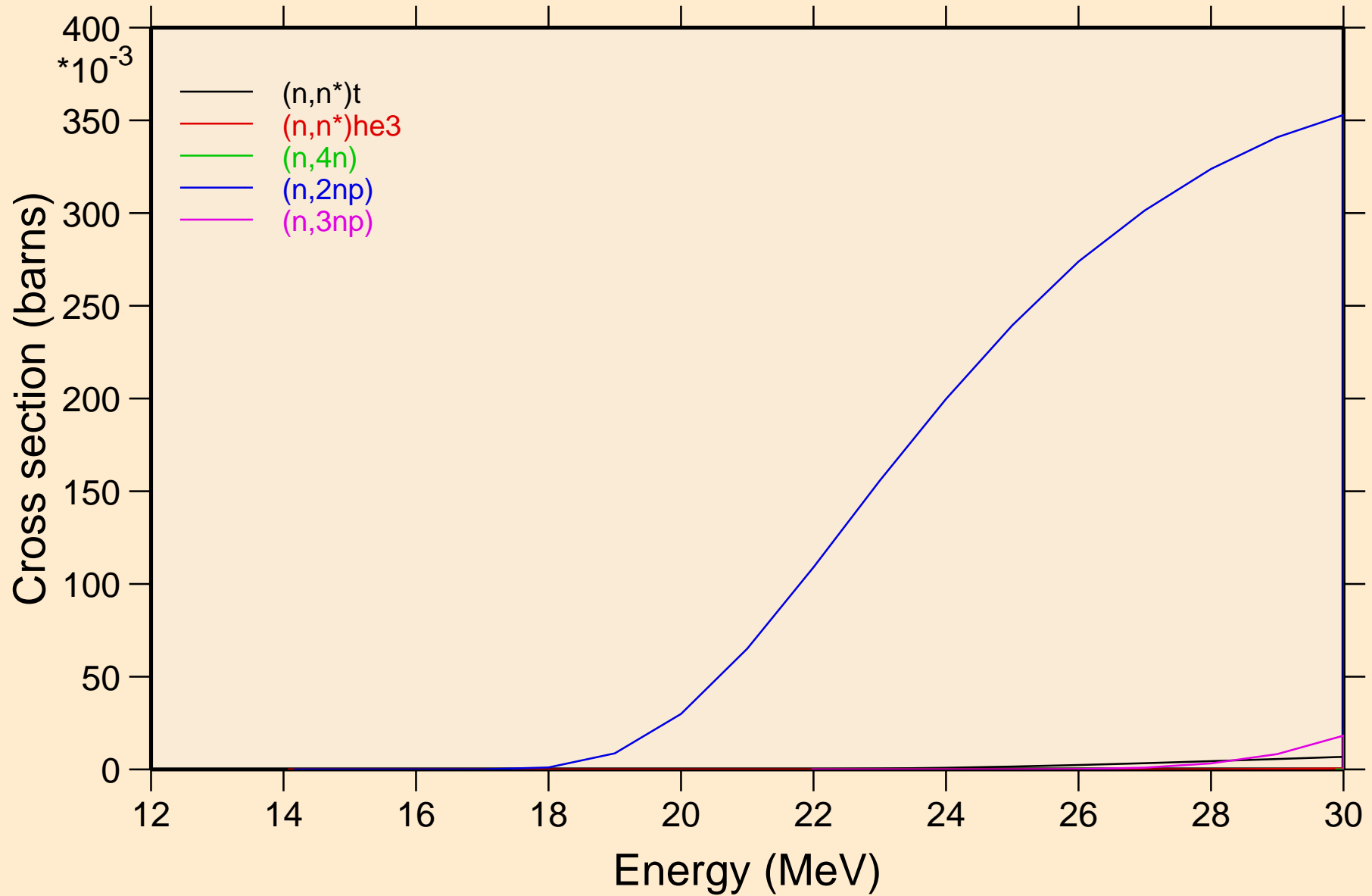
# SB115 NRG TENDL-2015, AKONING

## Threshold reactions



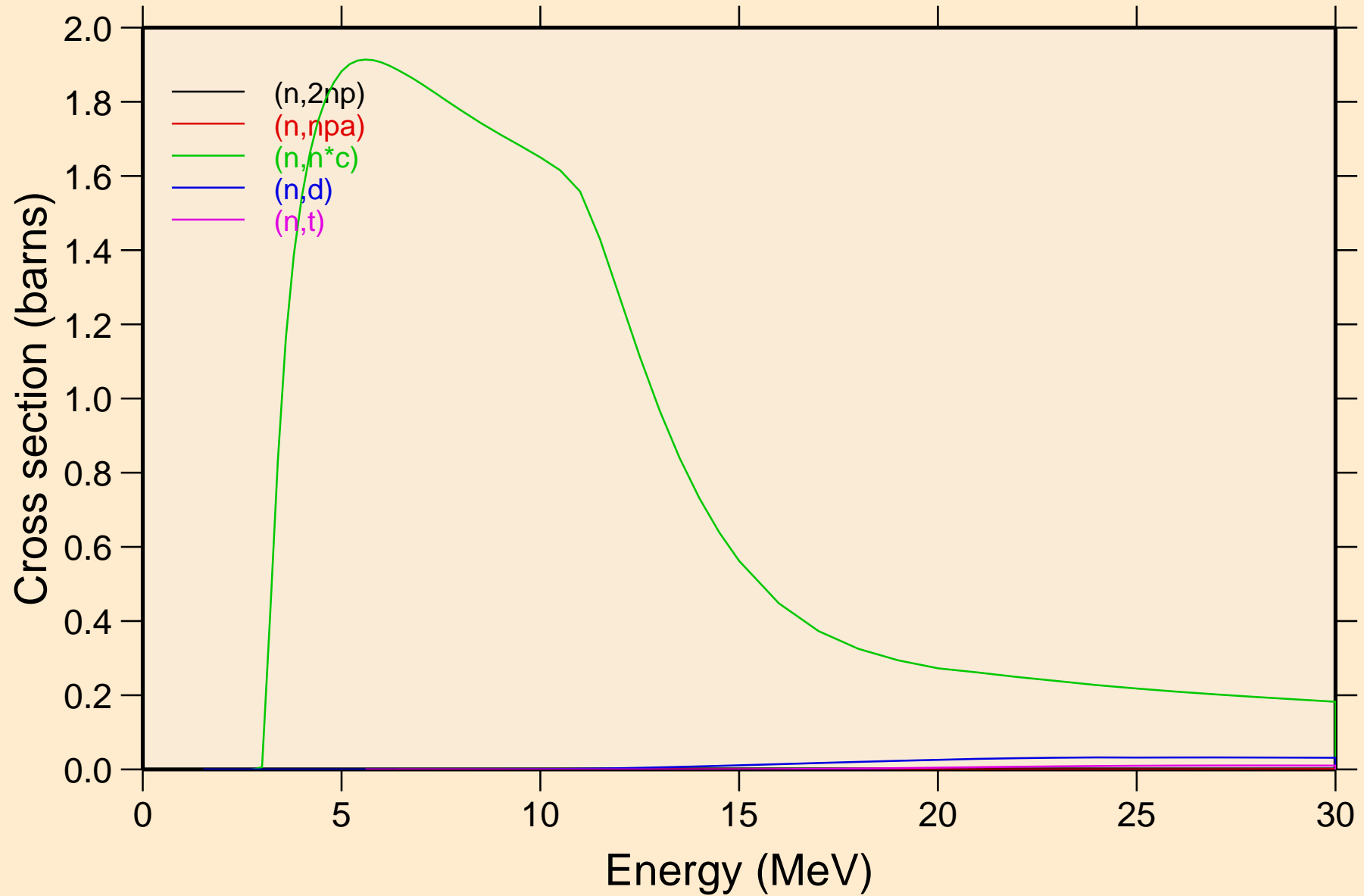
# SB115 NRG TENDL-2015, AKONING

## Threshold reactions



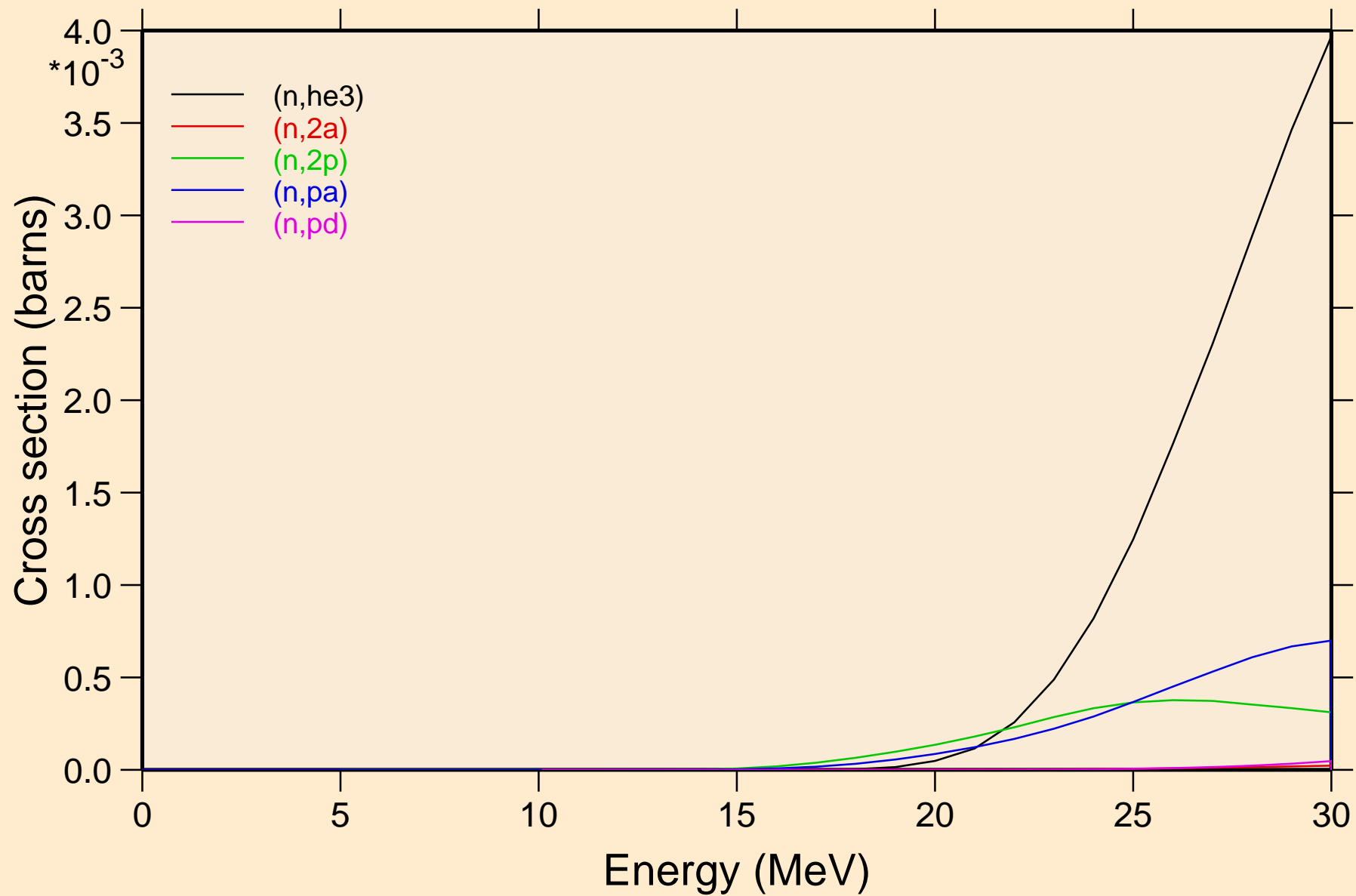
# SB115 NRG TENDL-2015, AKONING

## Threshold reactions



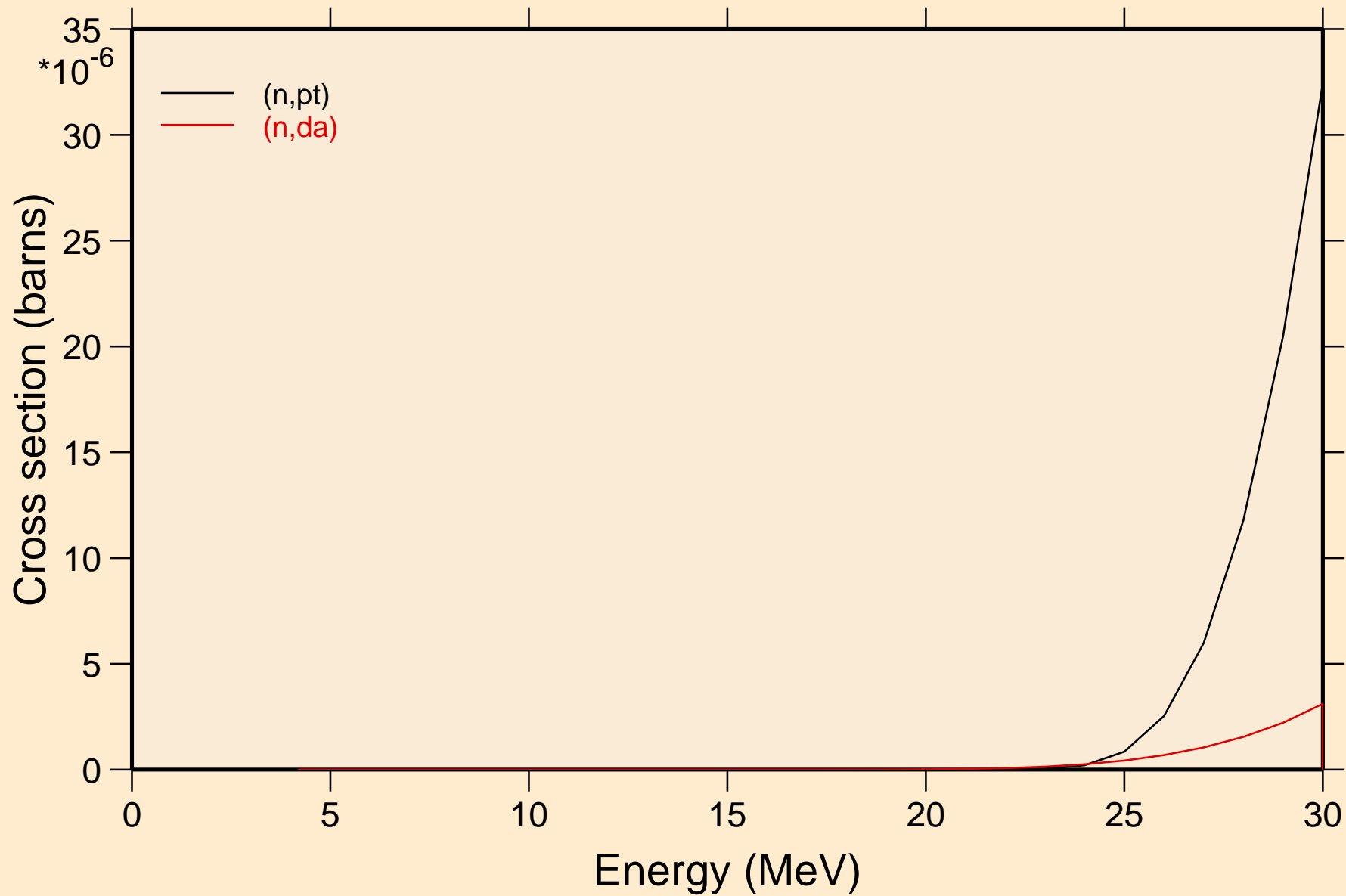
# SB115 NRG TENDL-2015, AKONING

## Threshold reactions

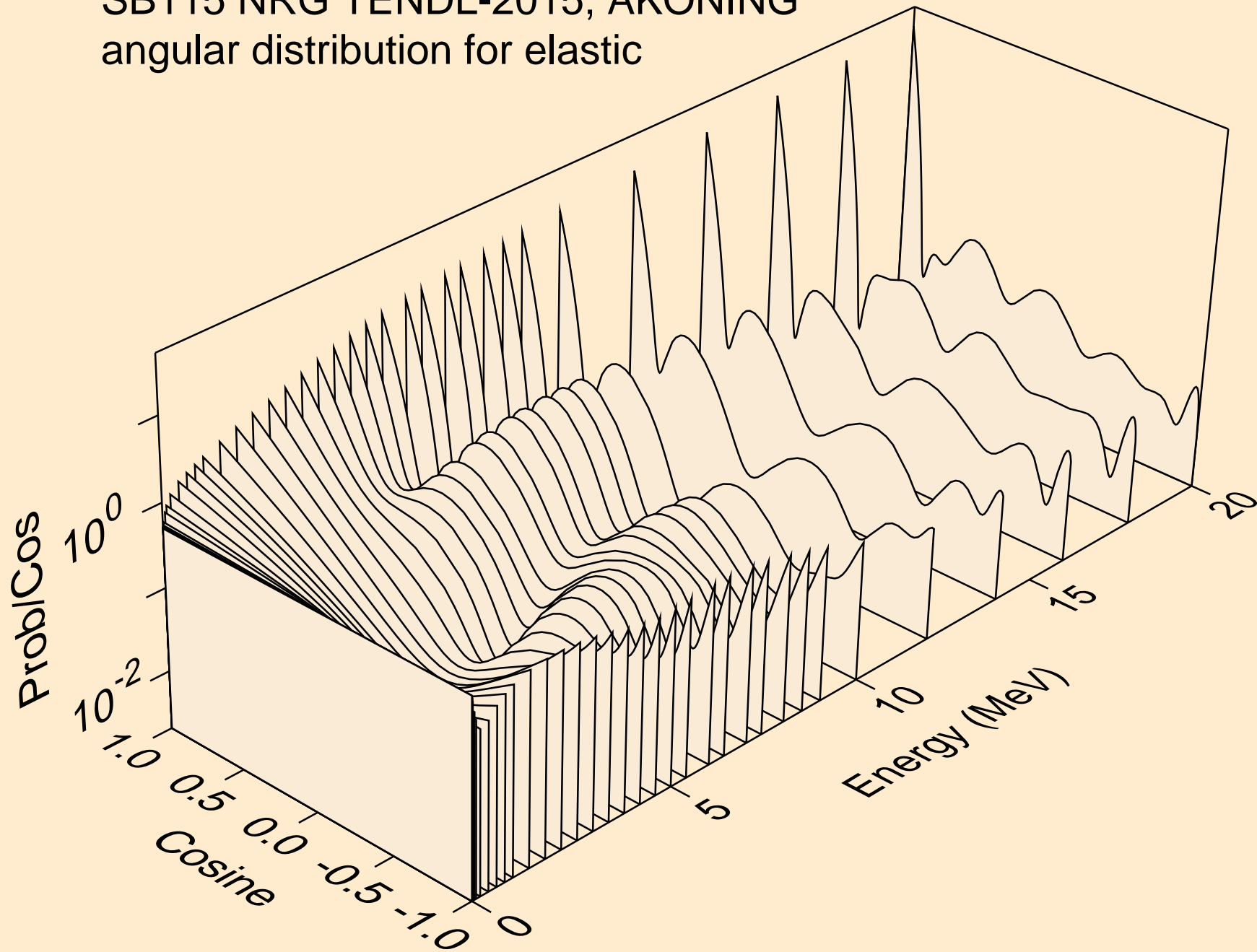


# SB115 NRG TENDL-2015, AKONING

## Threshold reactions

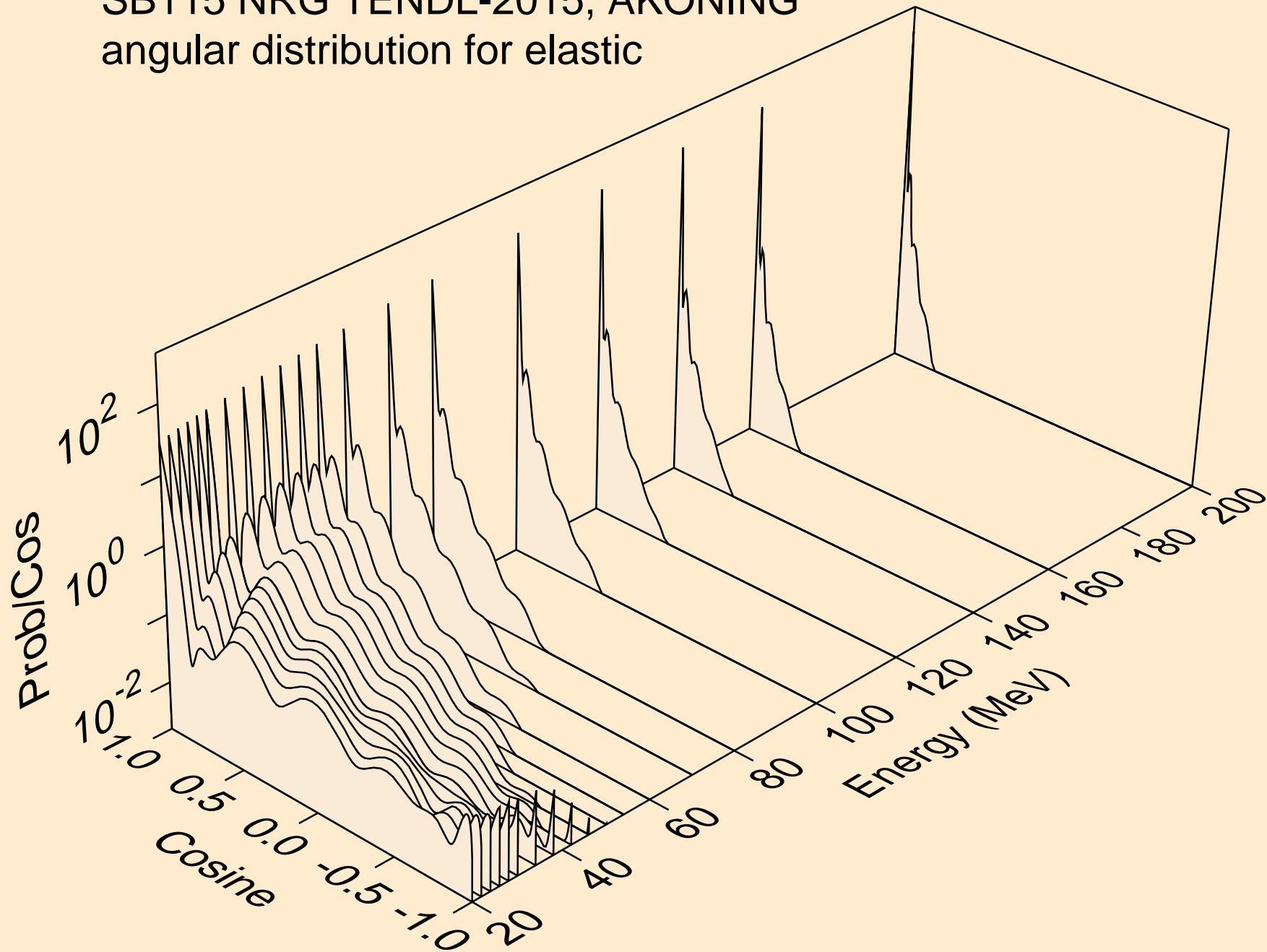


SB115 NRG TENDL-2015, AKONING  
angular distribution for elastic

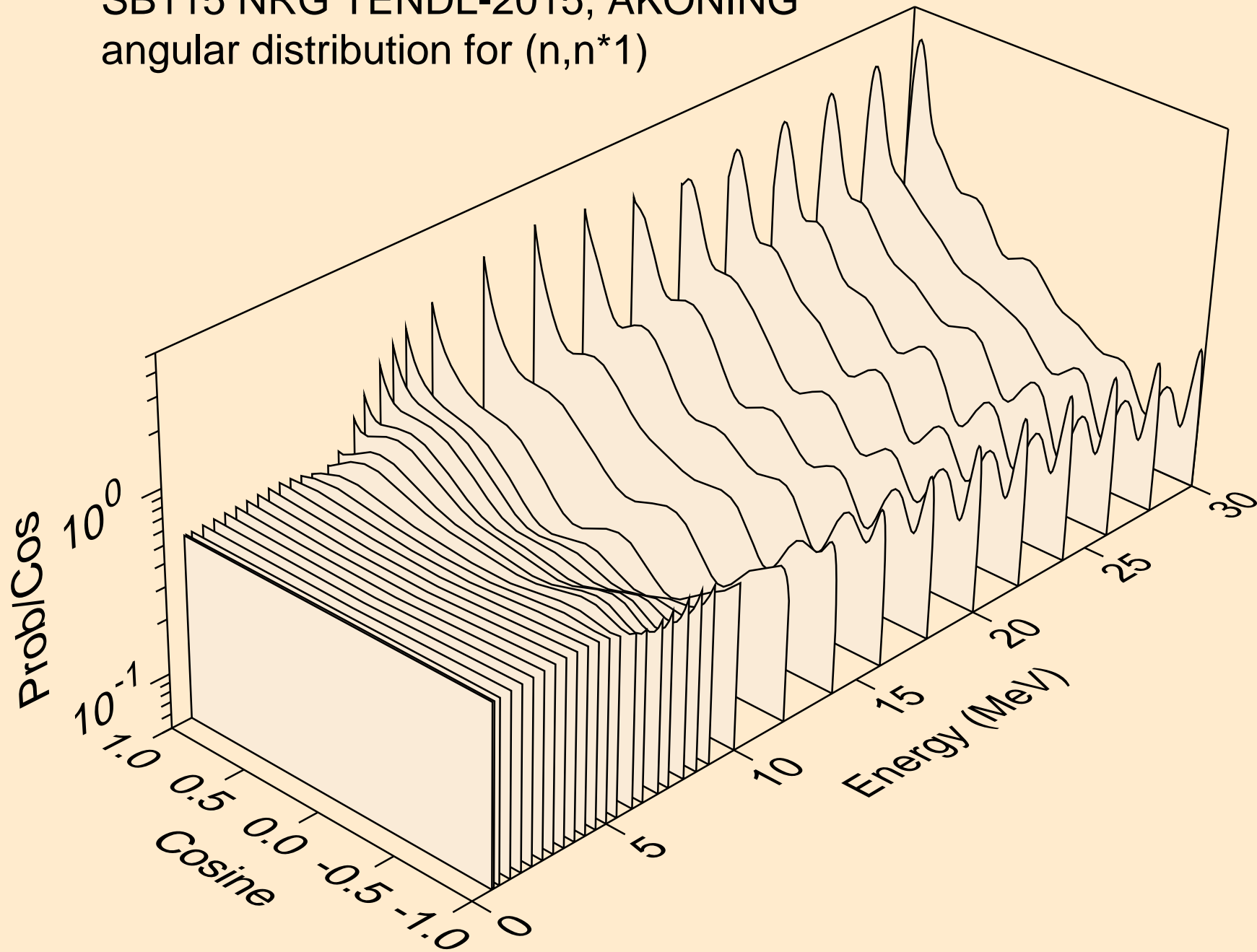




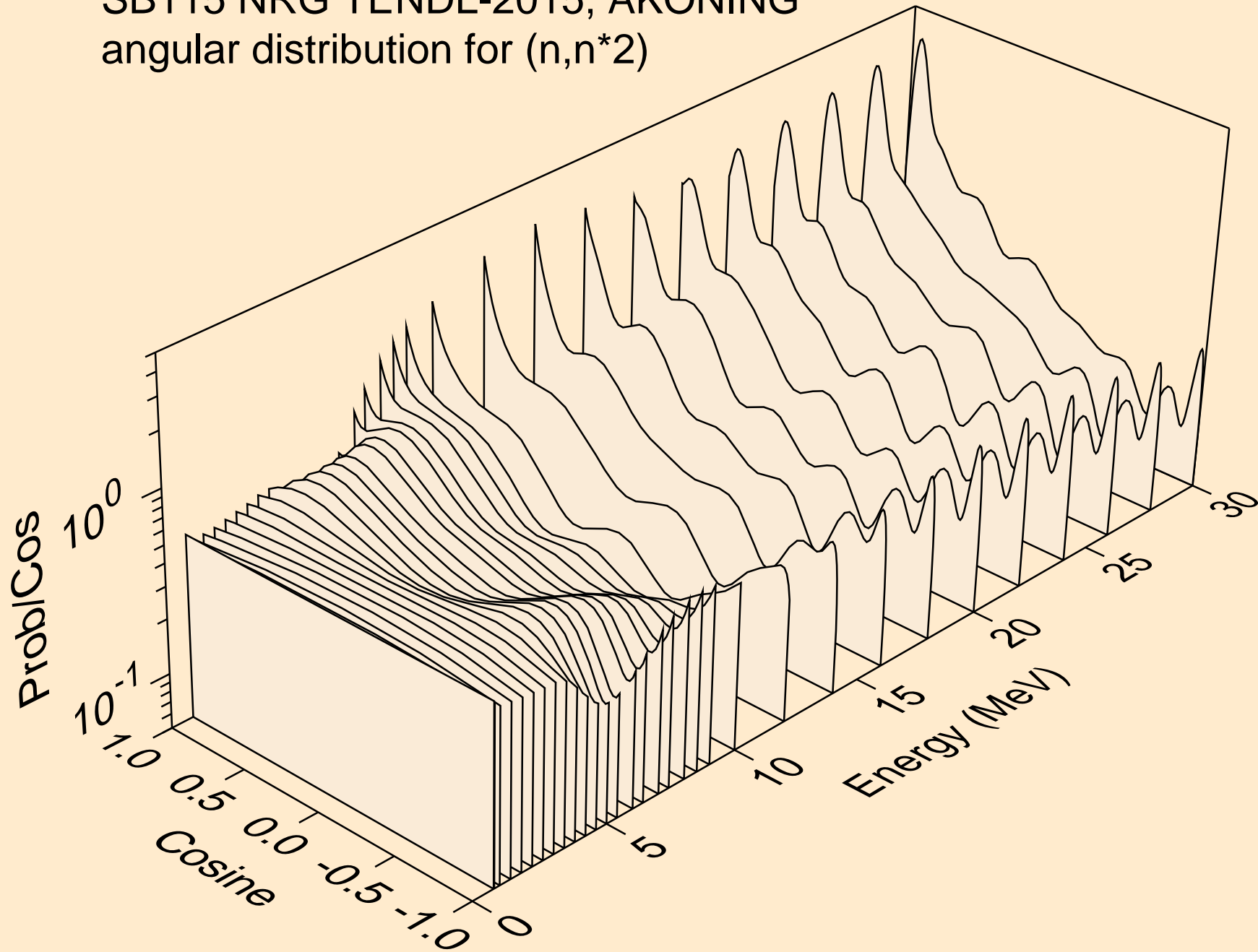
SB115 NRG TENDL-2015, AKONING  
angular distribution for elastic



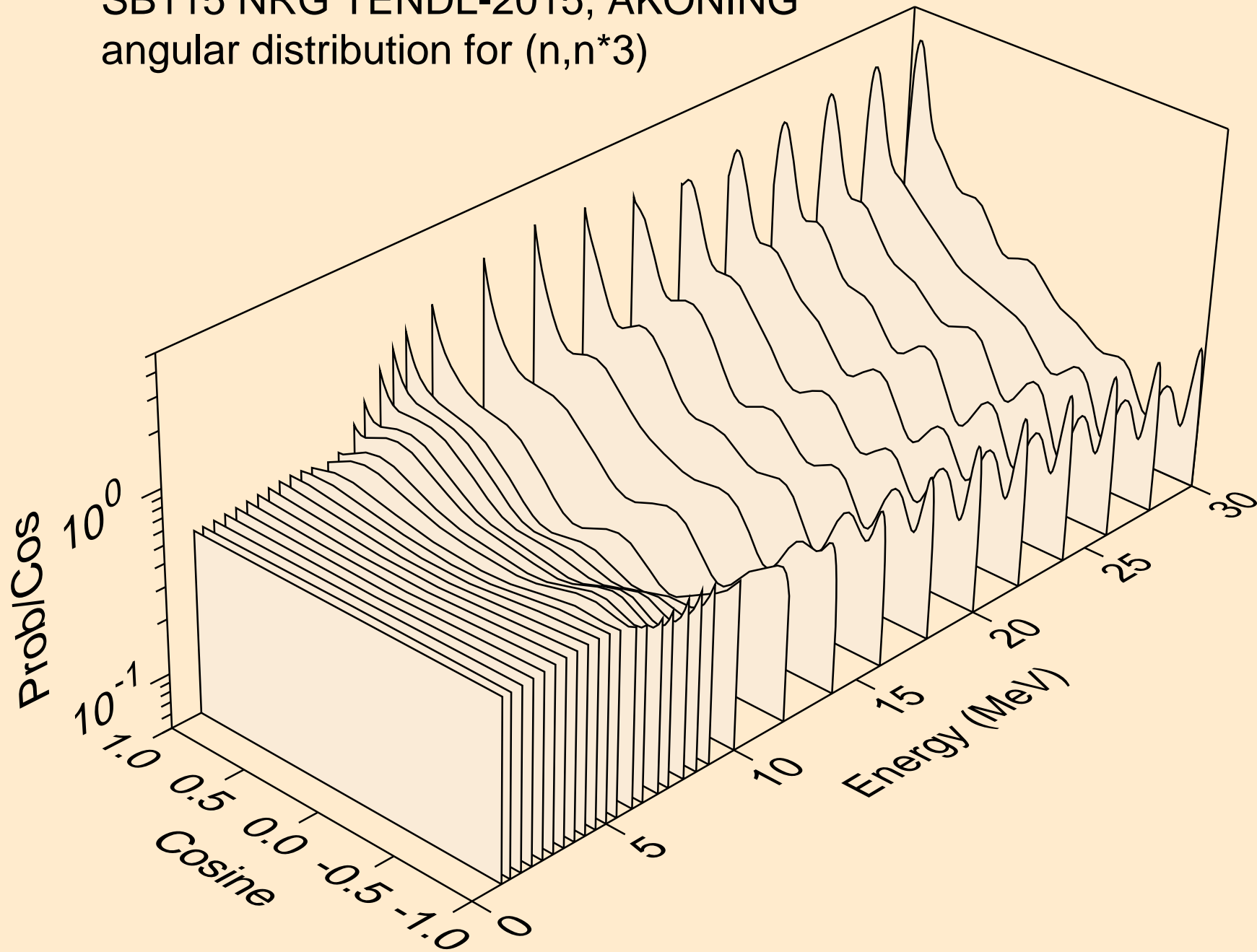
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



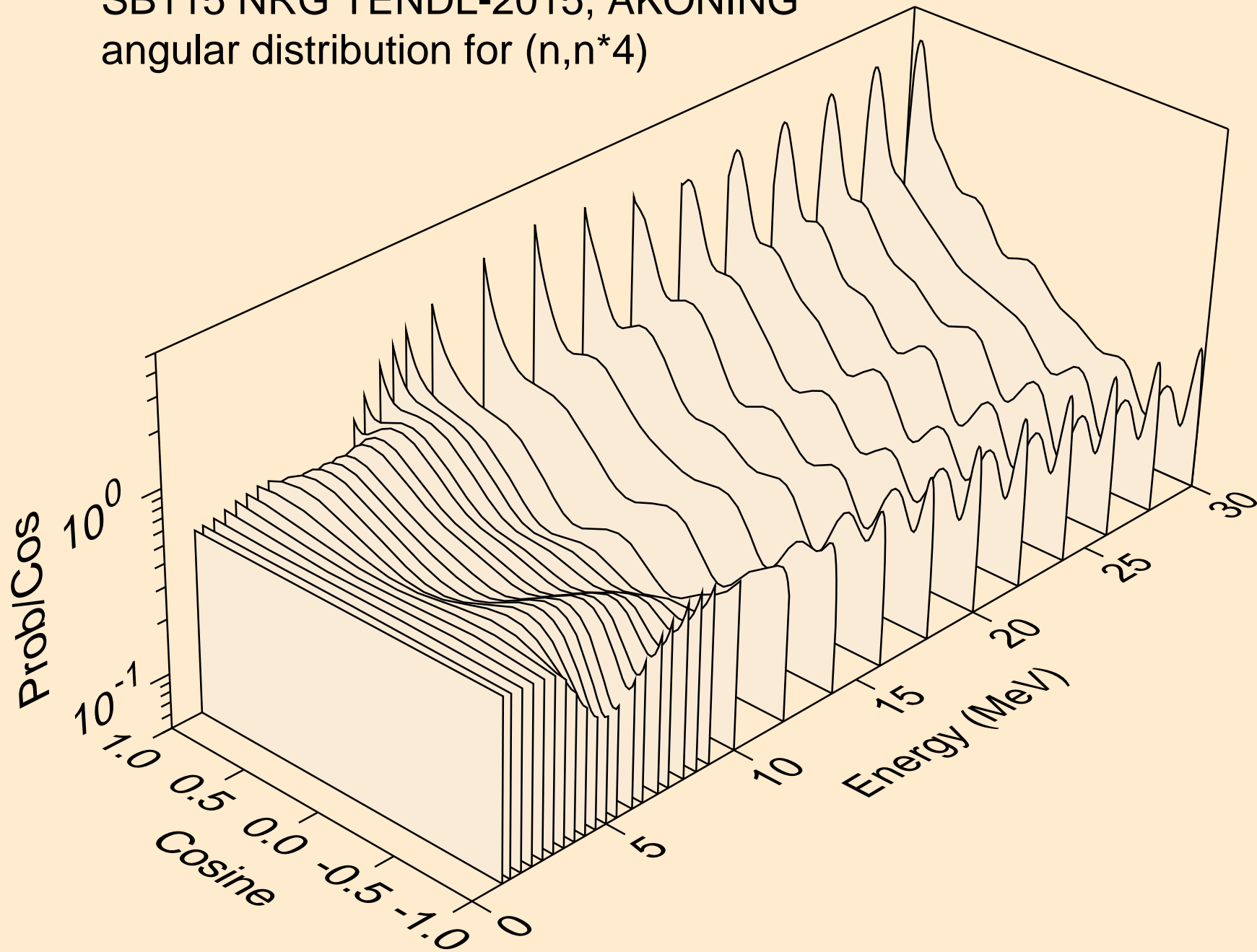
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



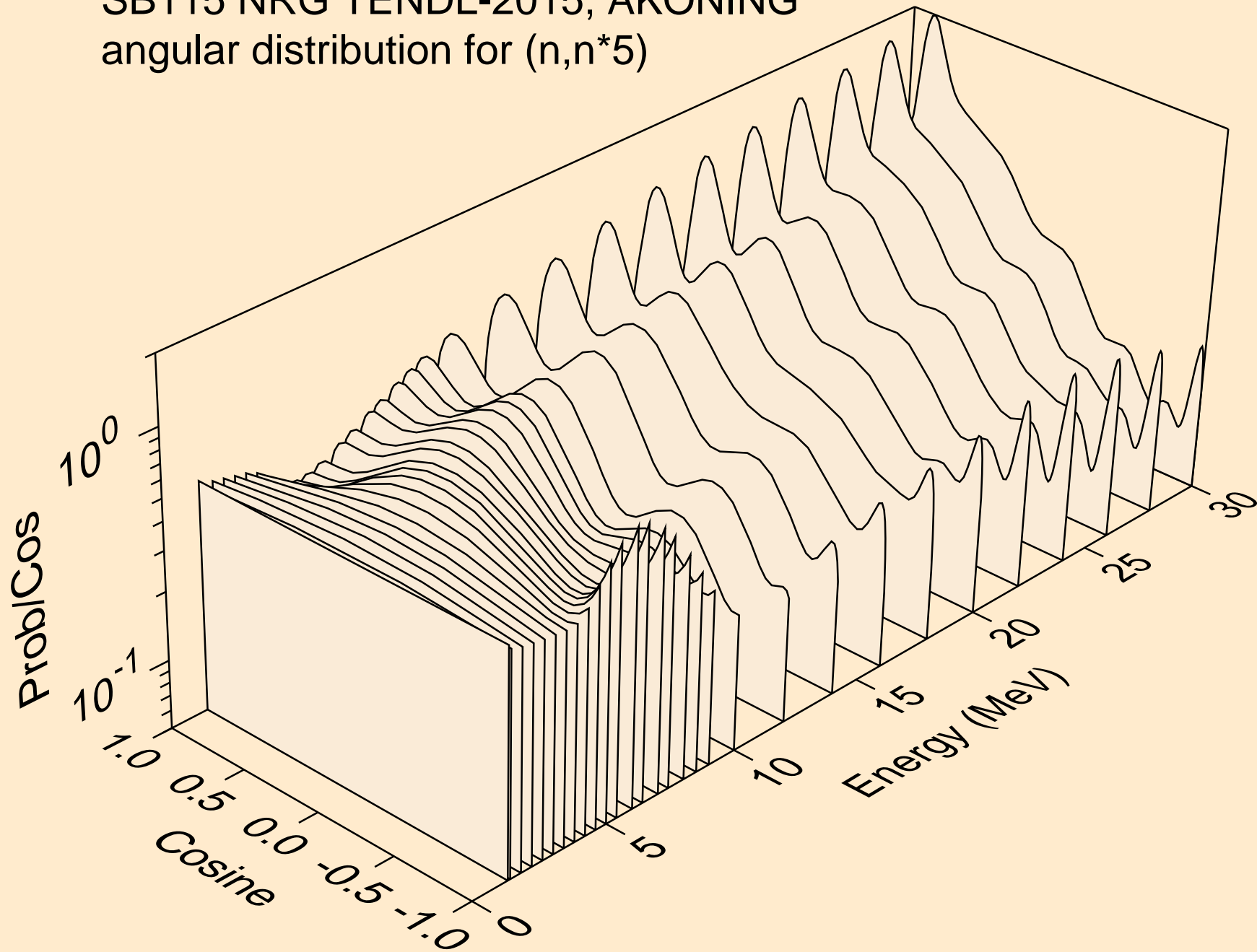
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



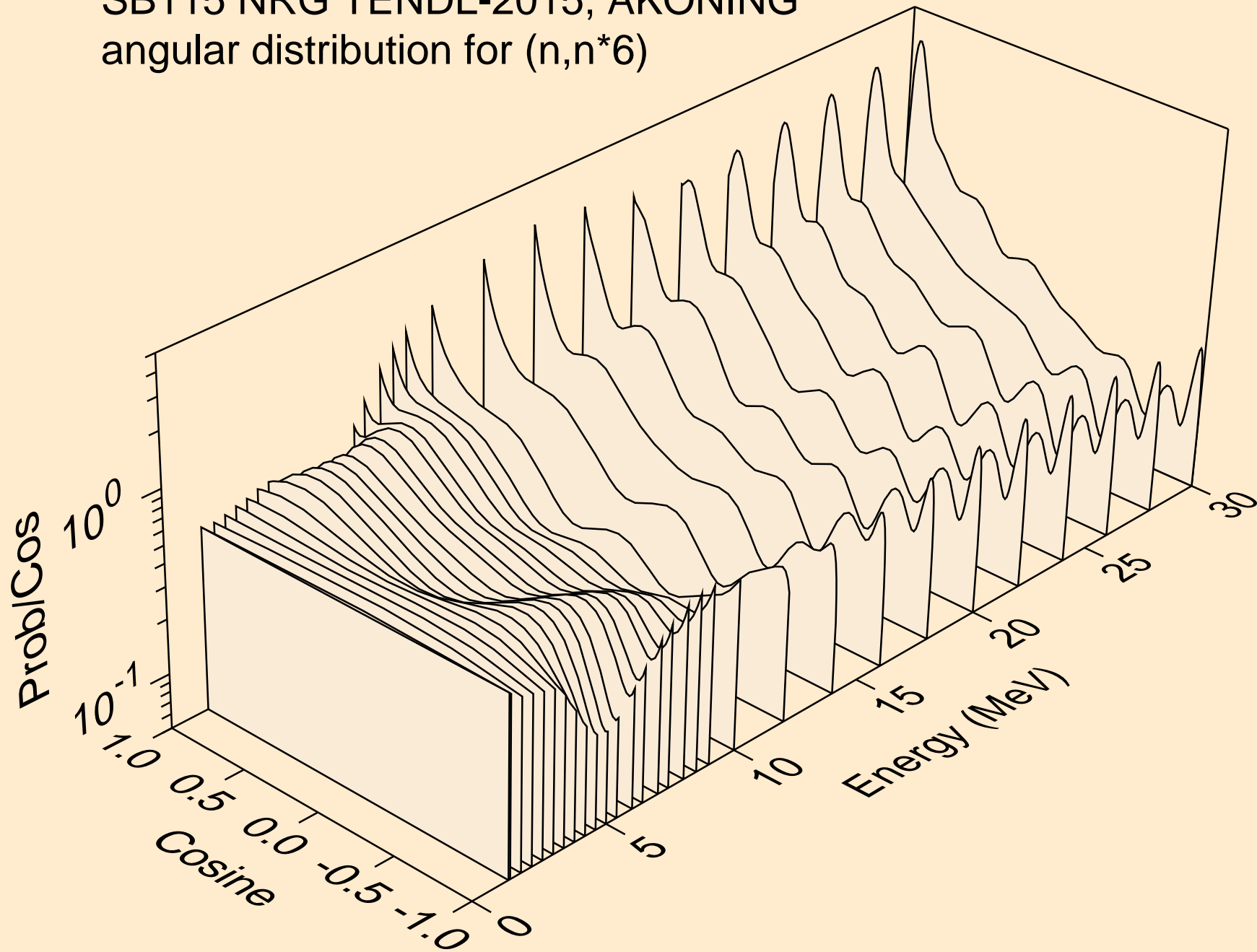
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



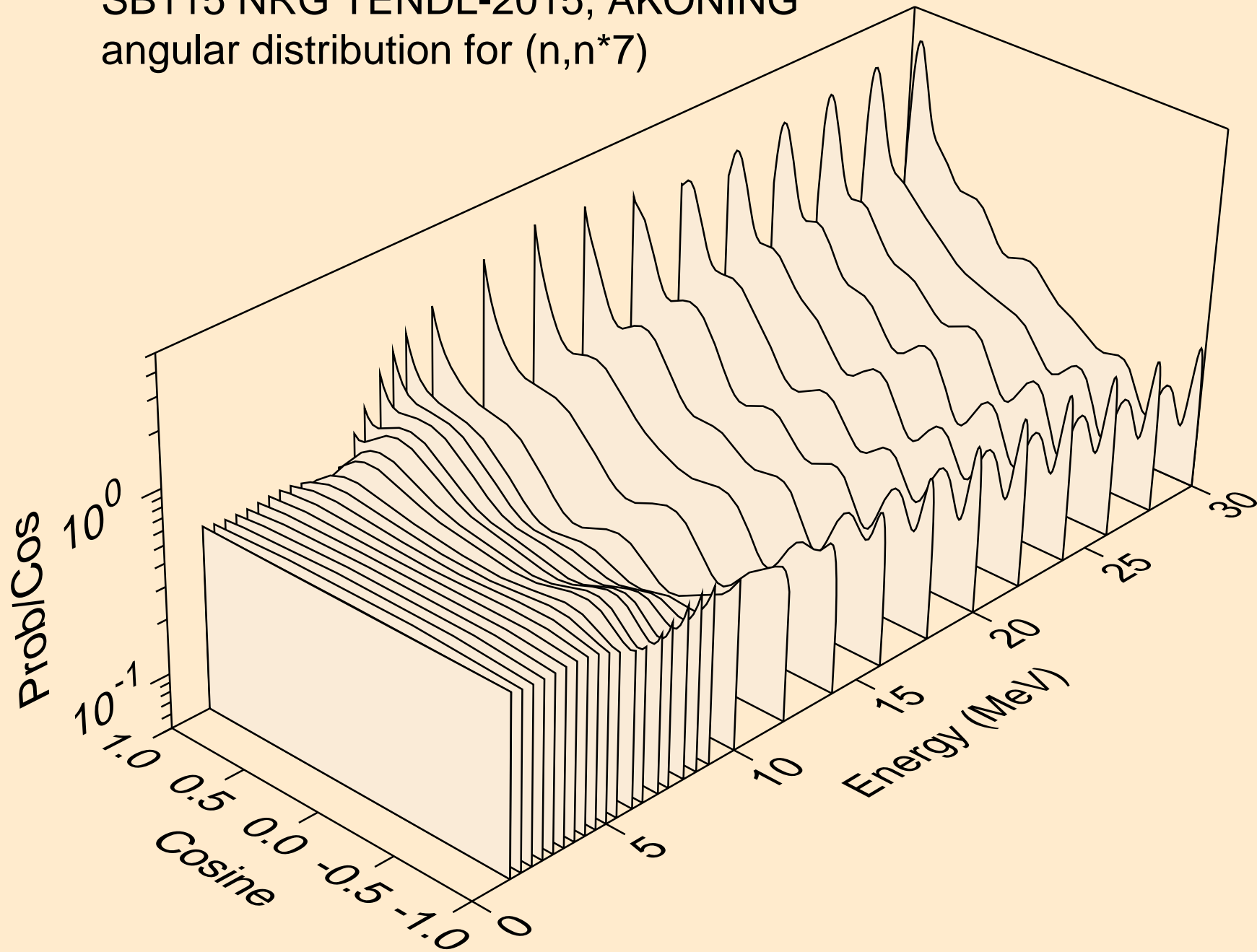
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

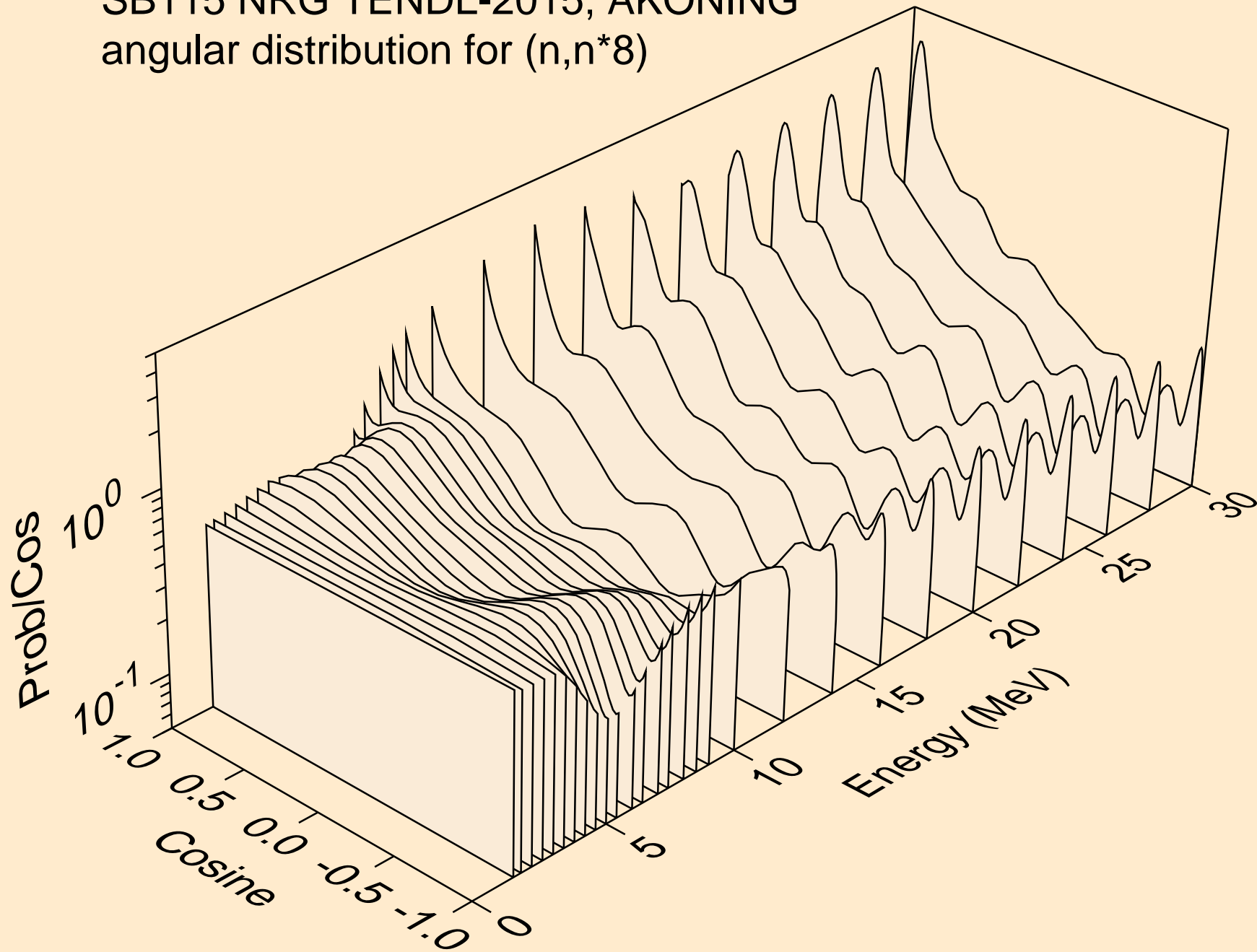


SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

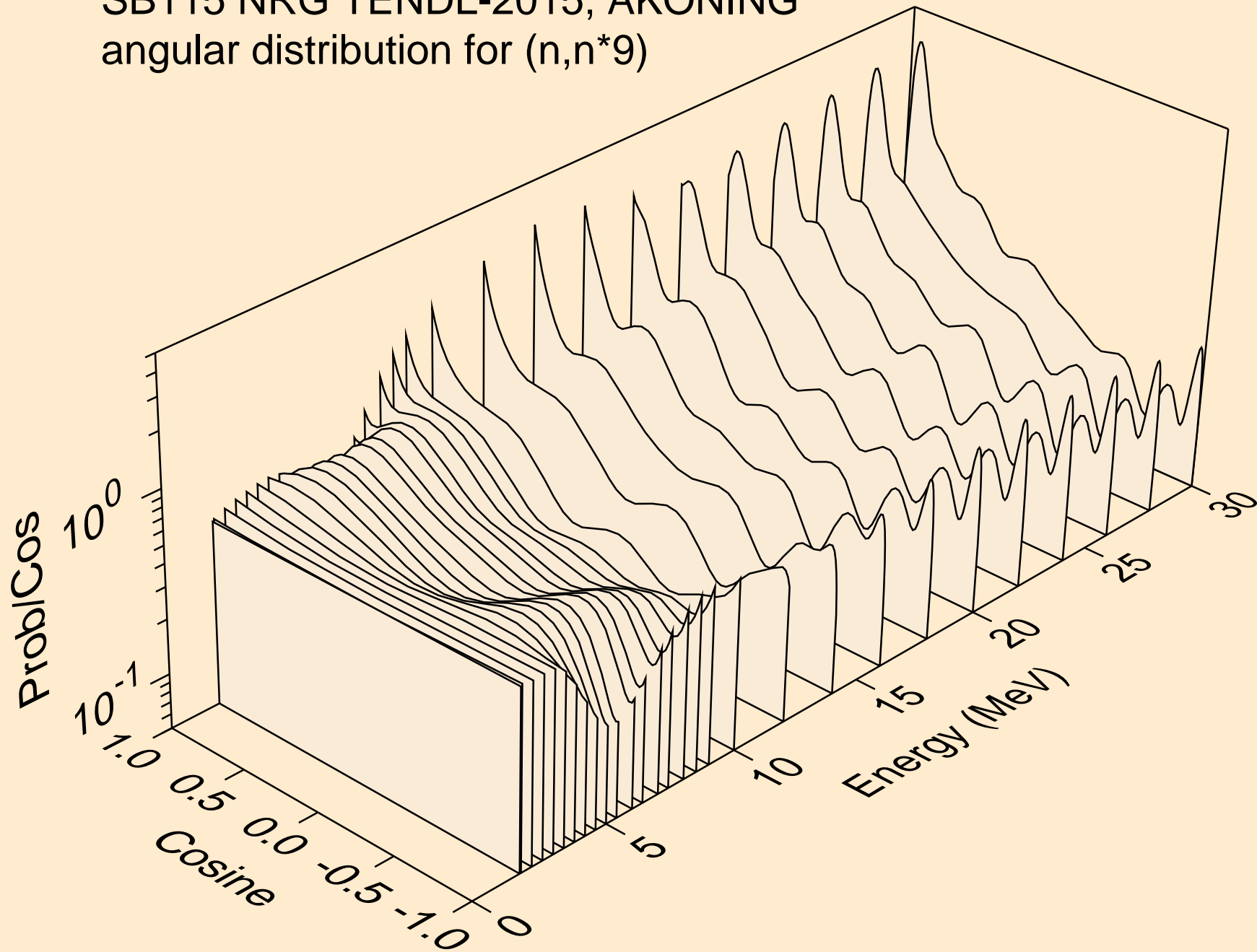




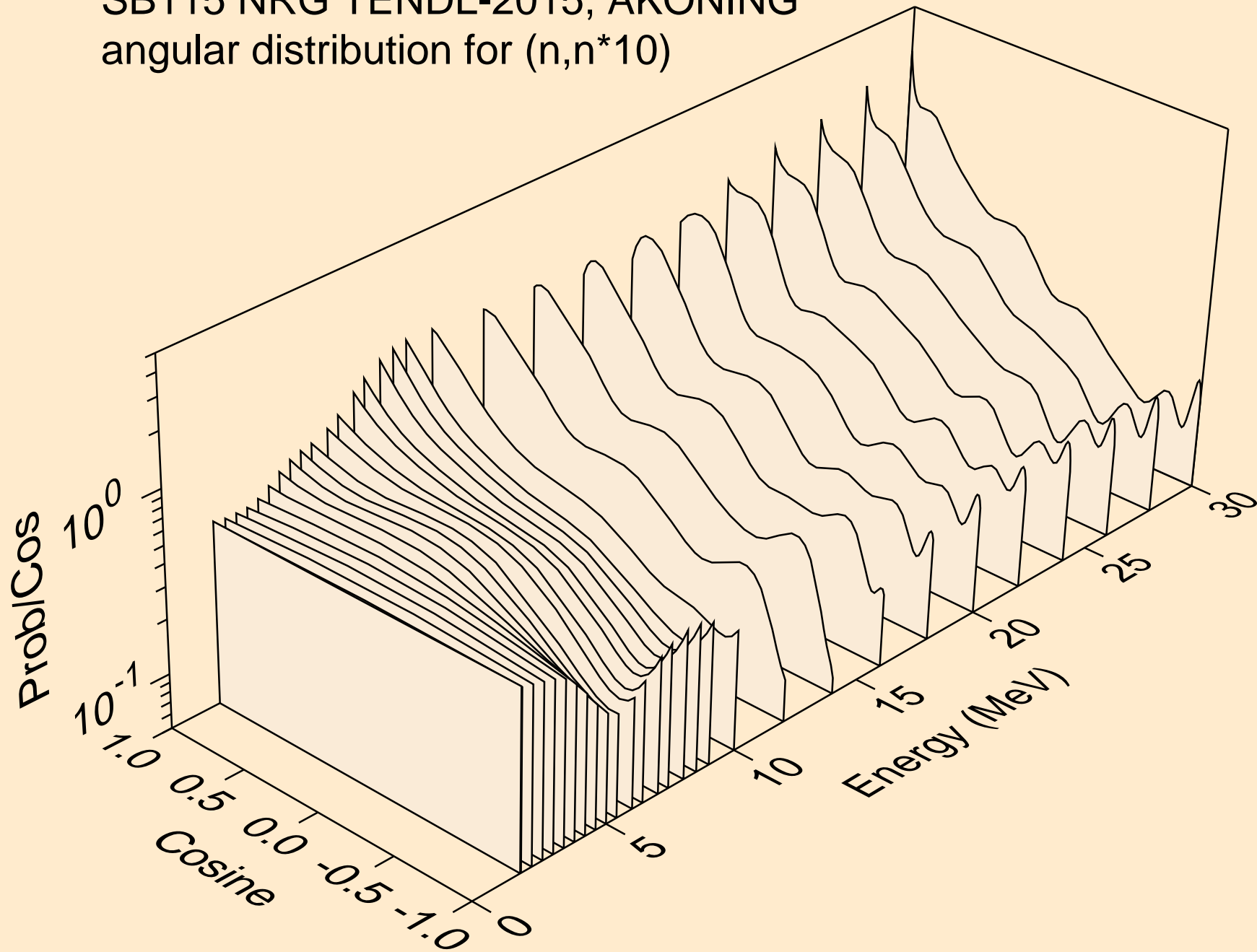
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



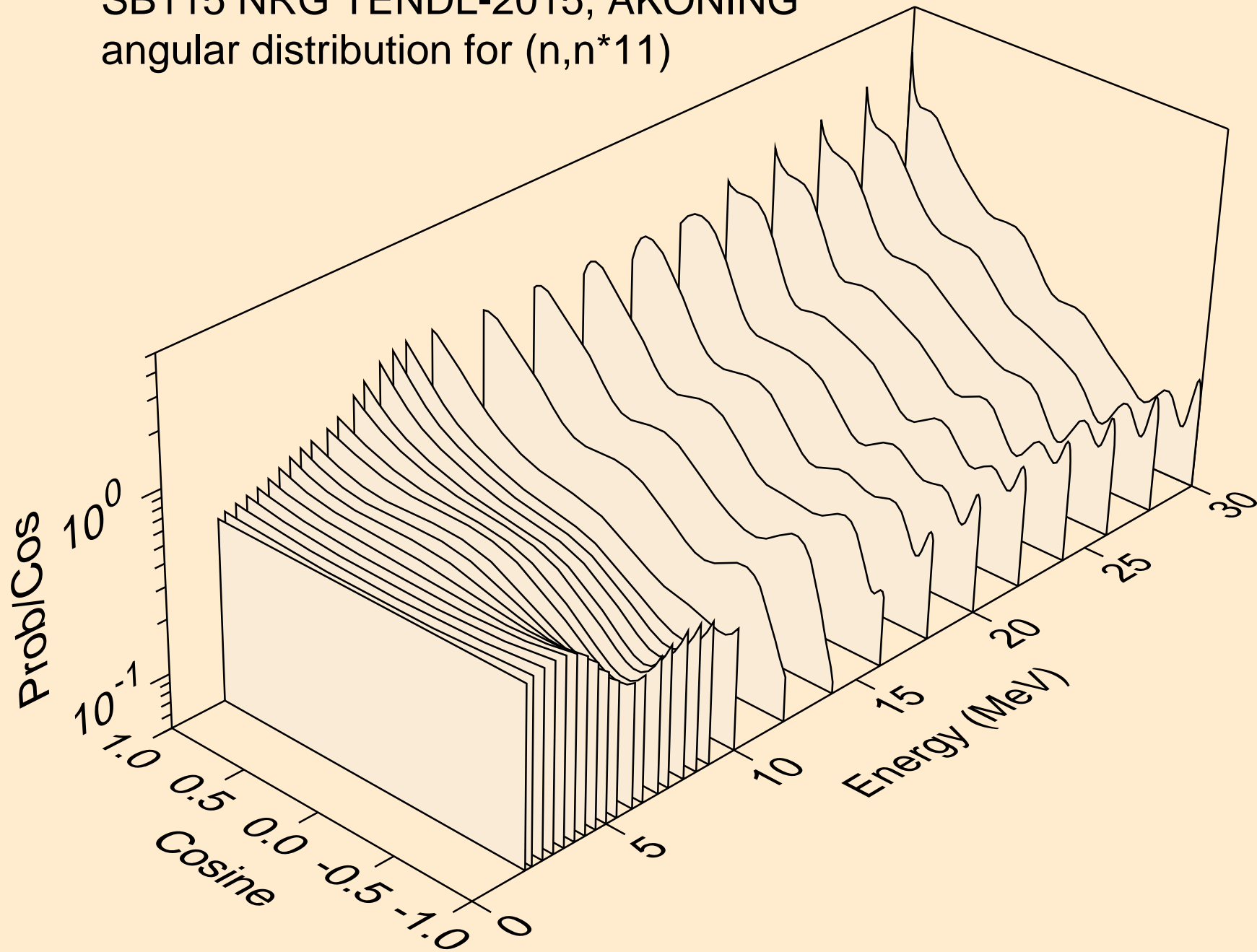
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



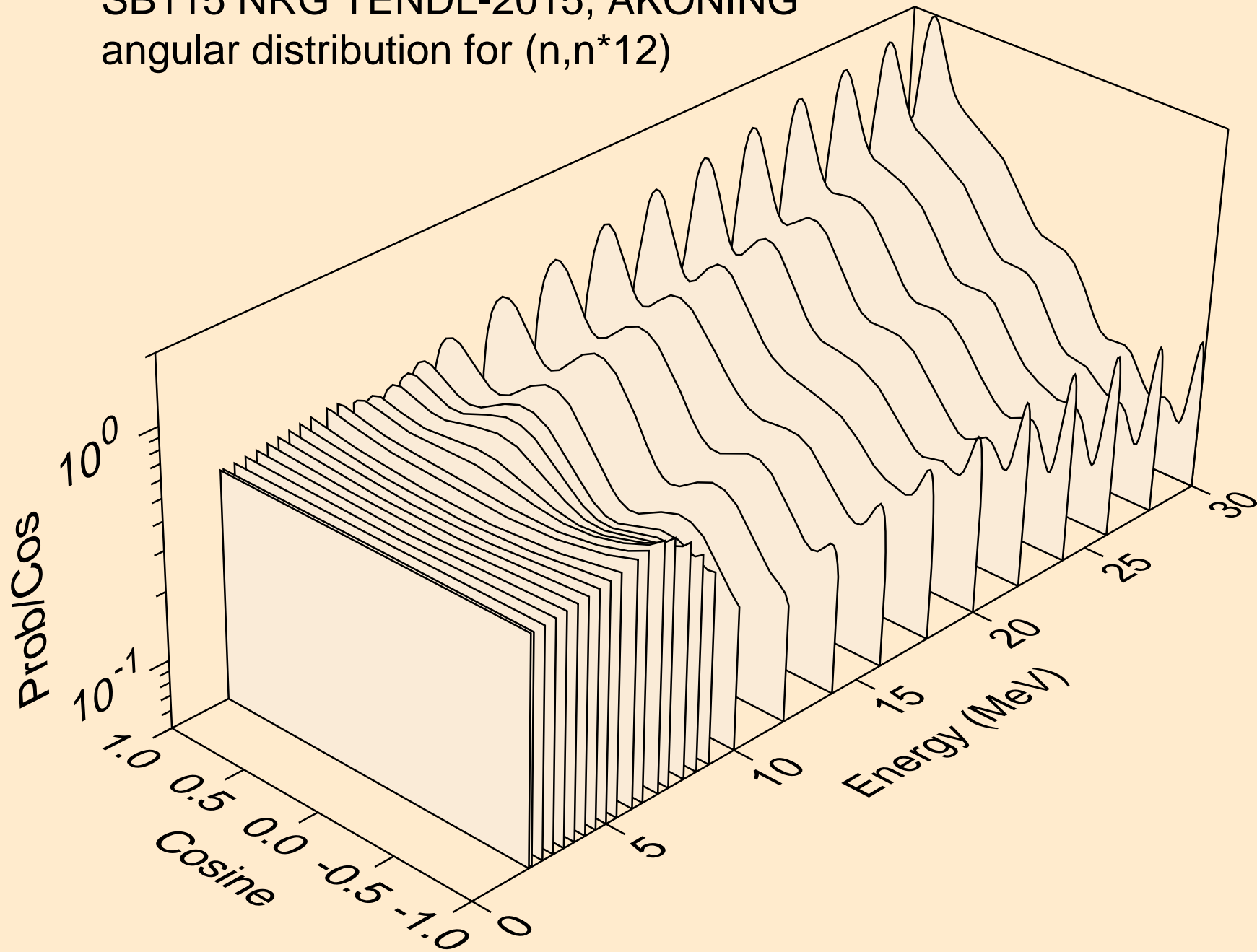
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



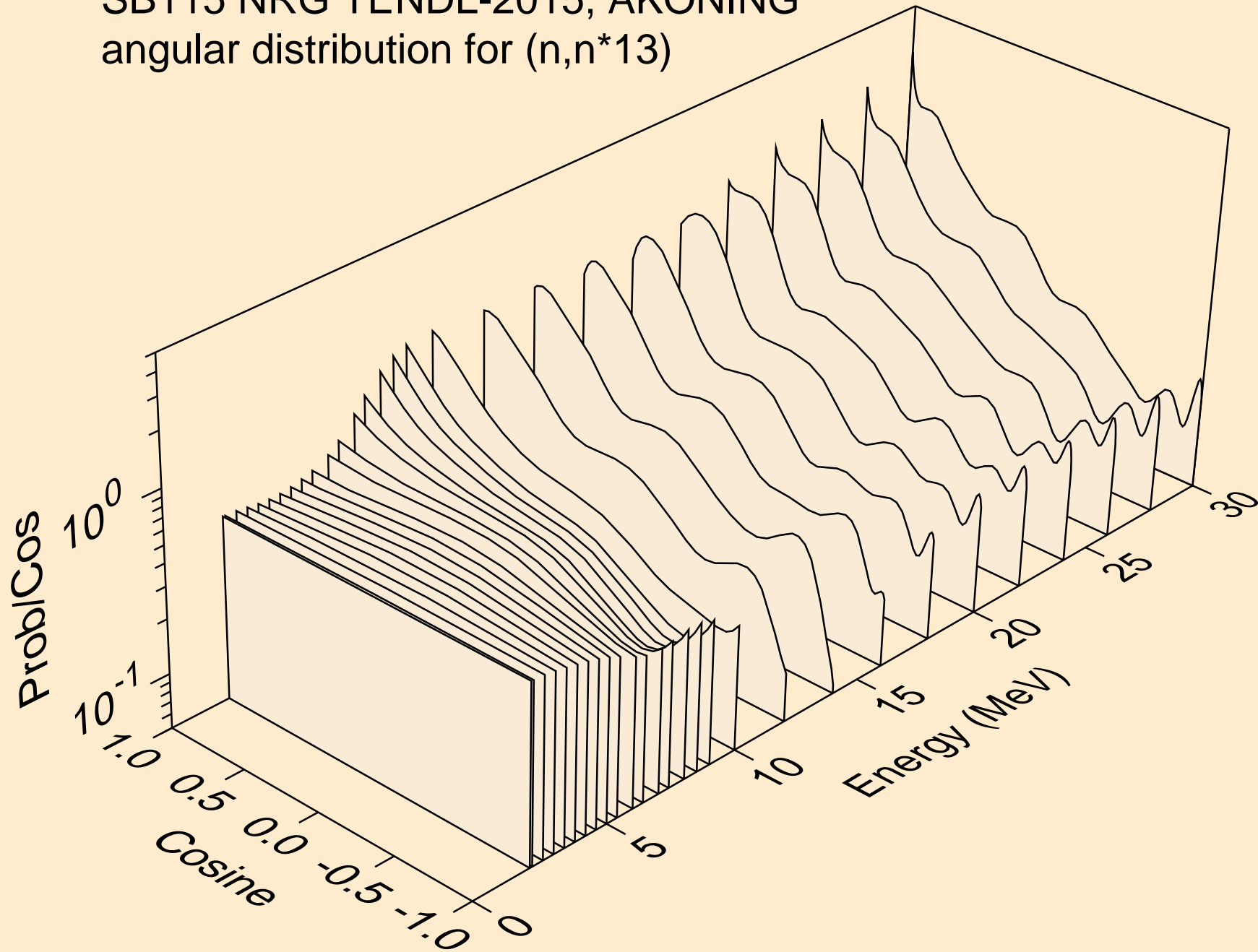
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



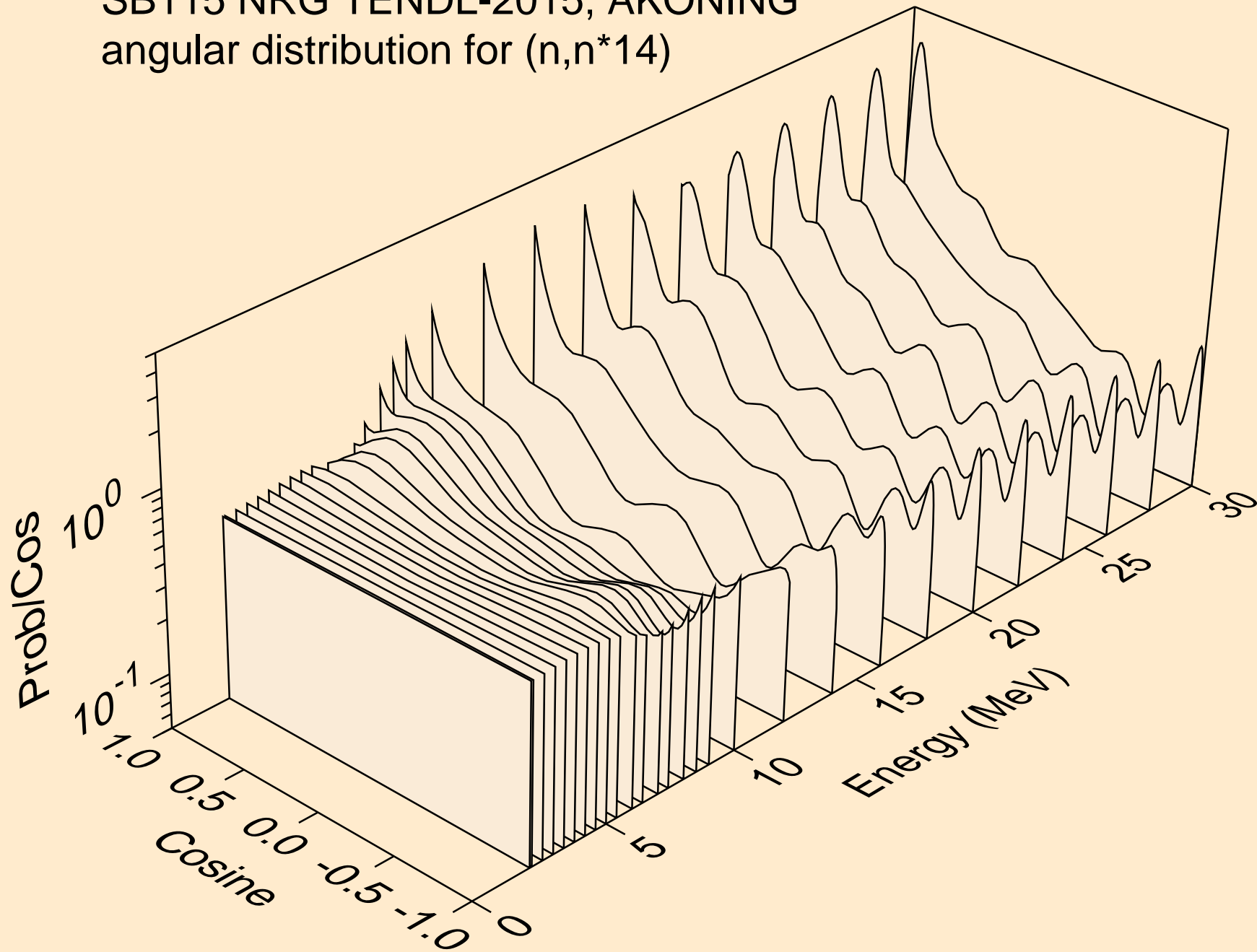
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



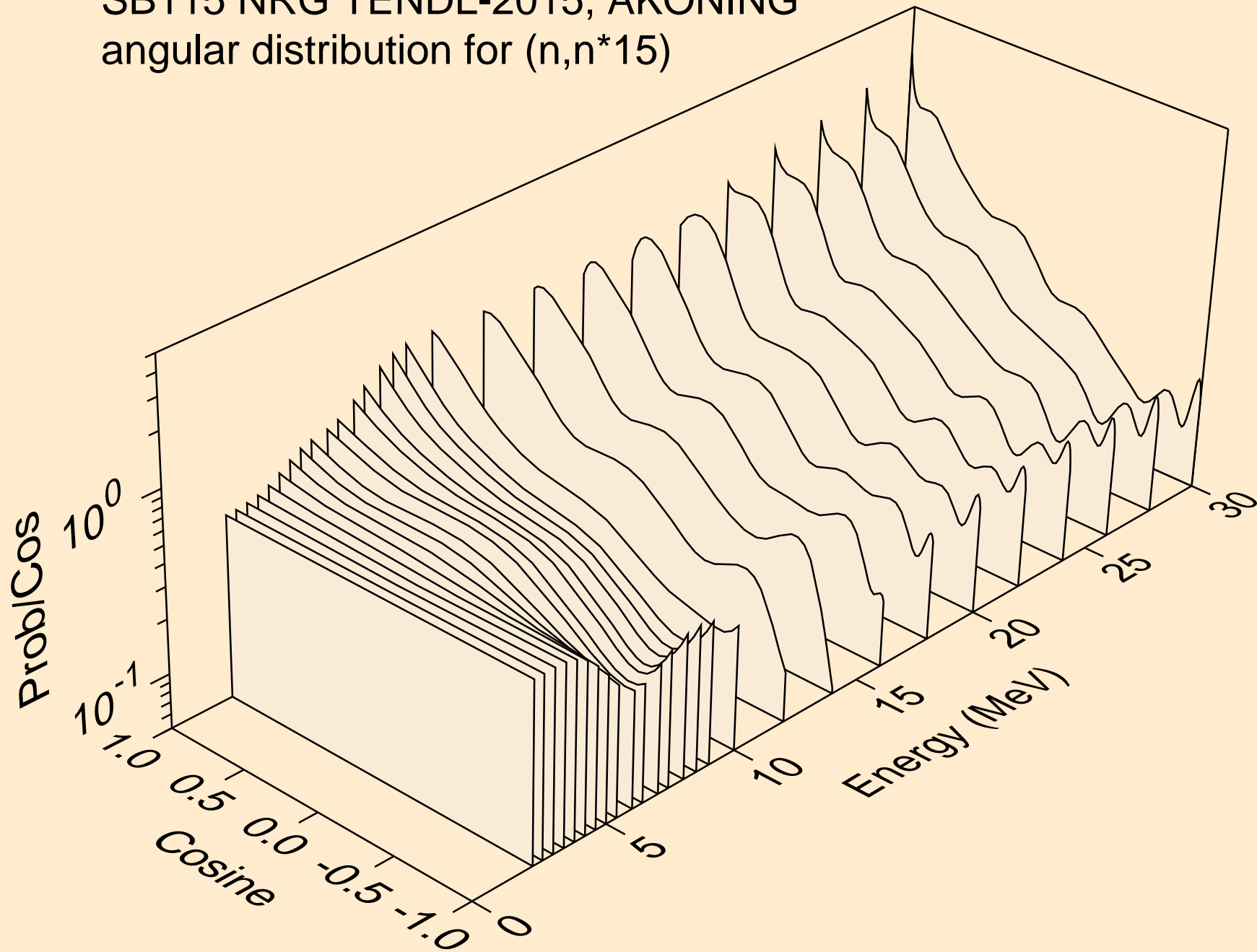
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

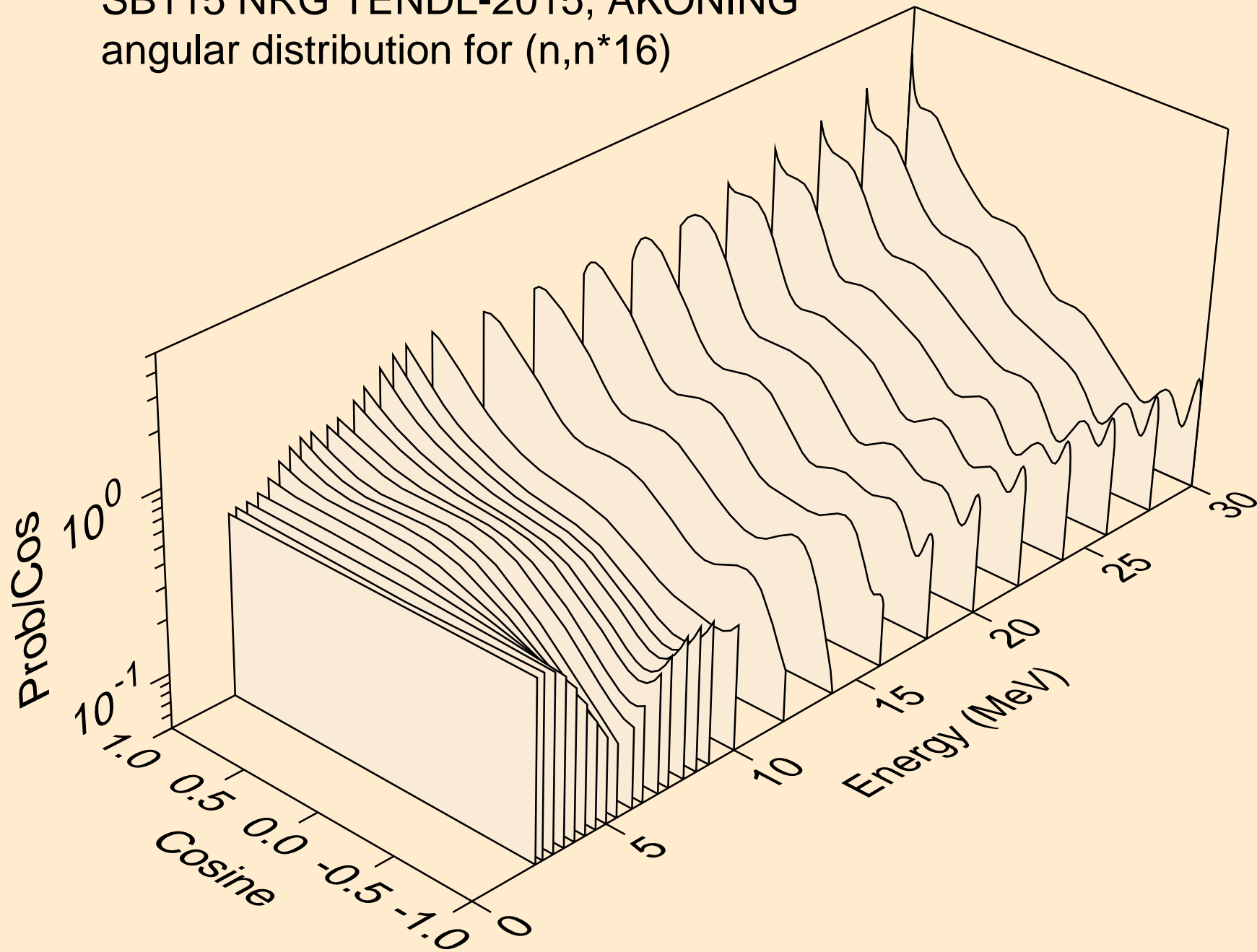


SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

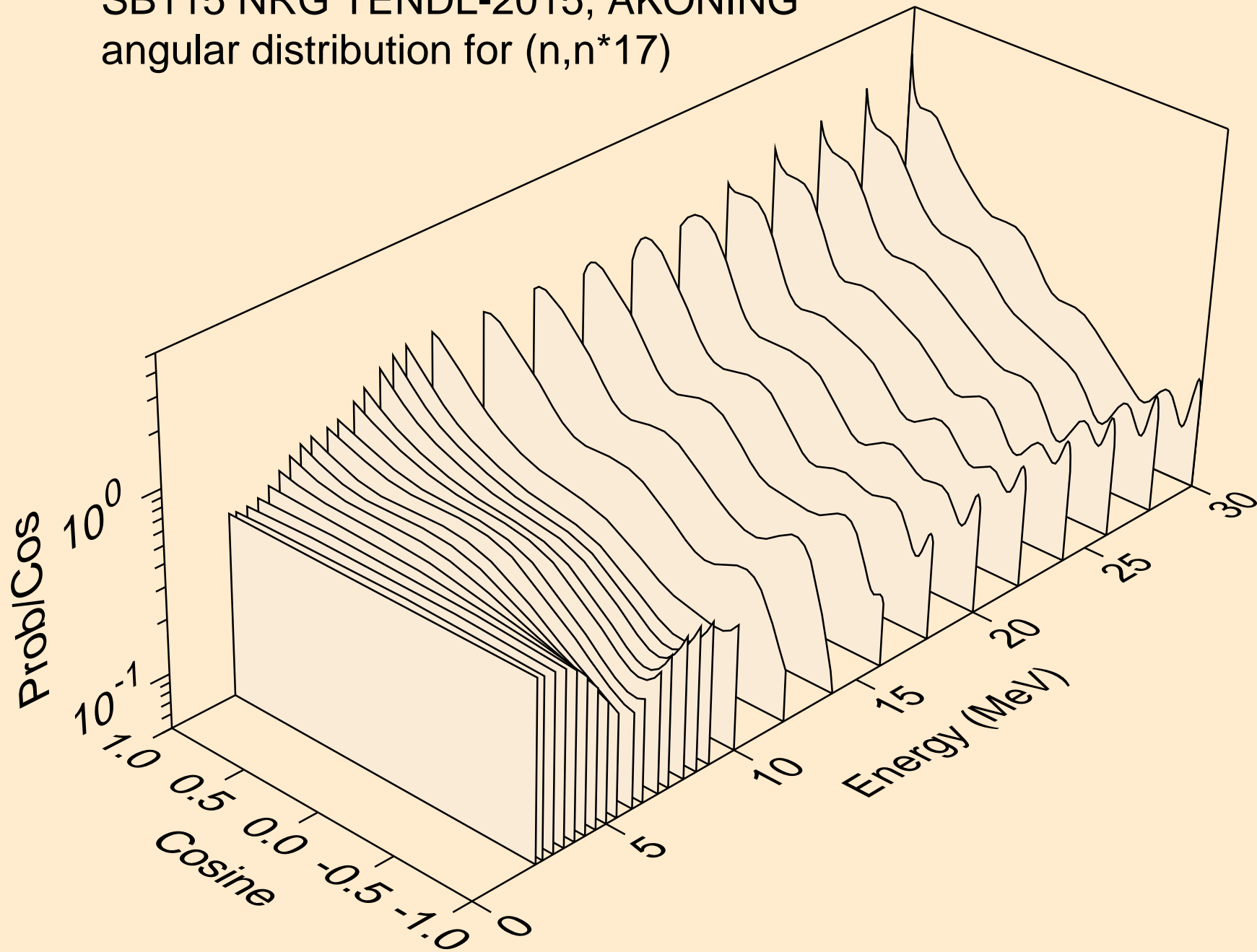




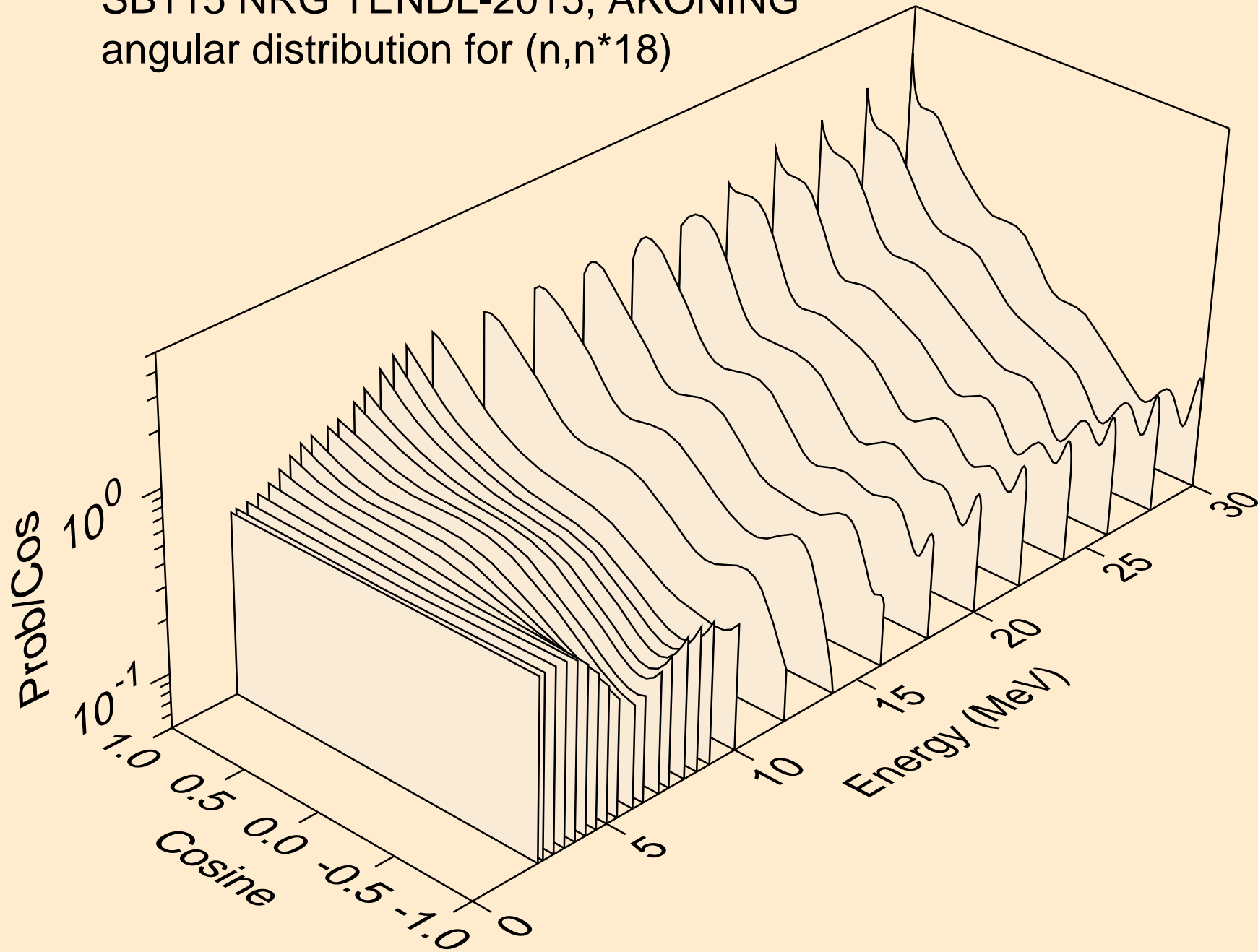
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



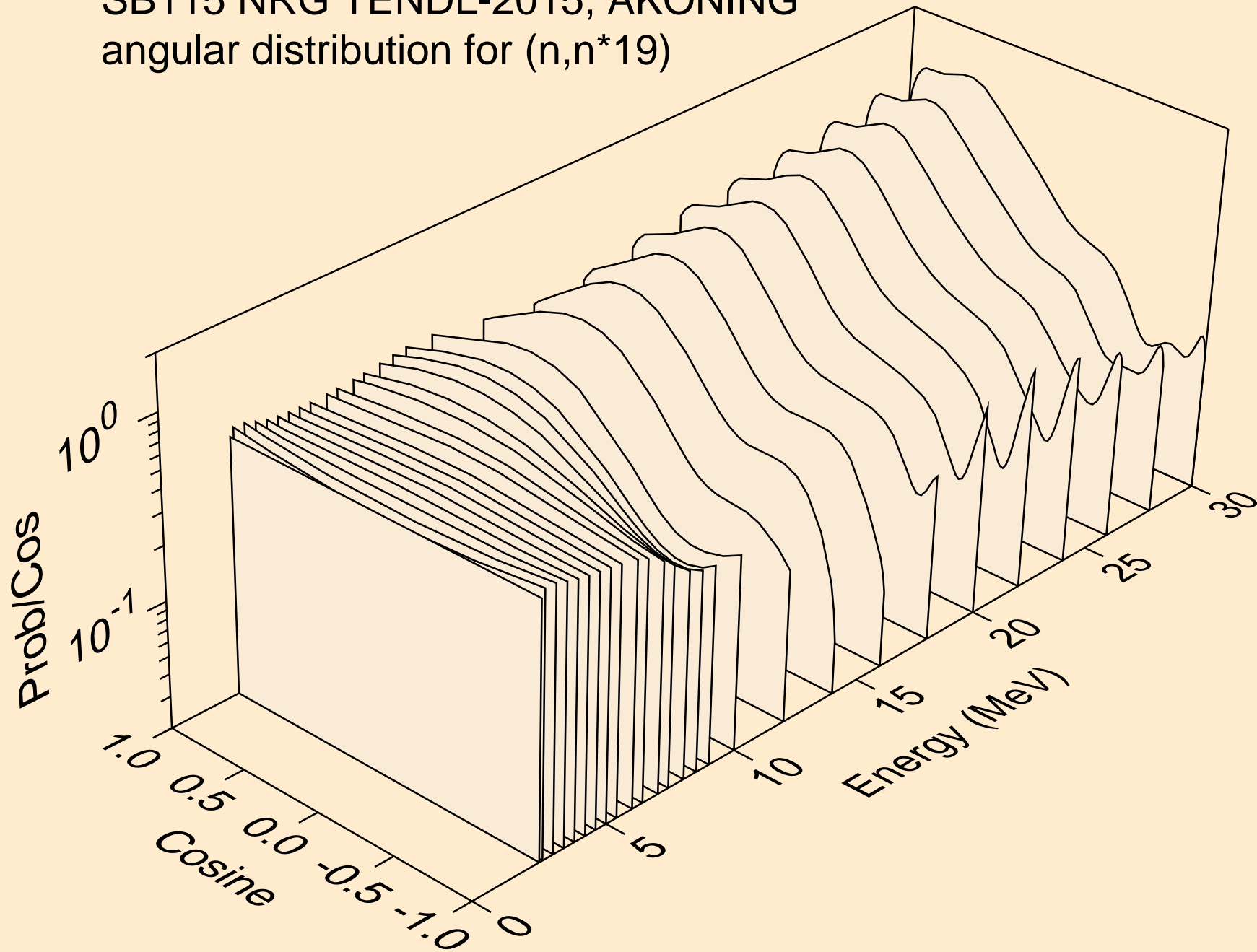
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



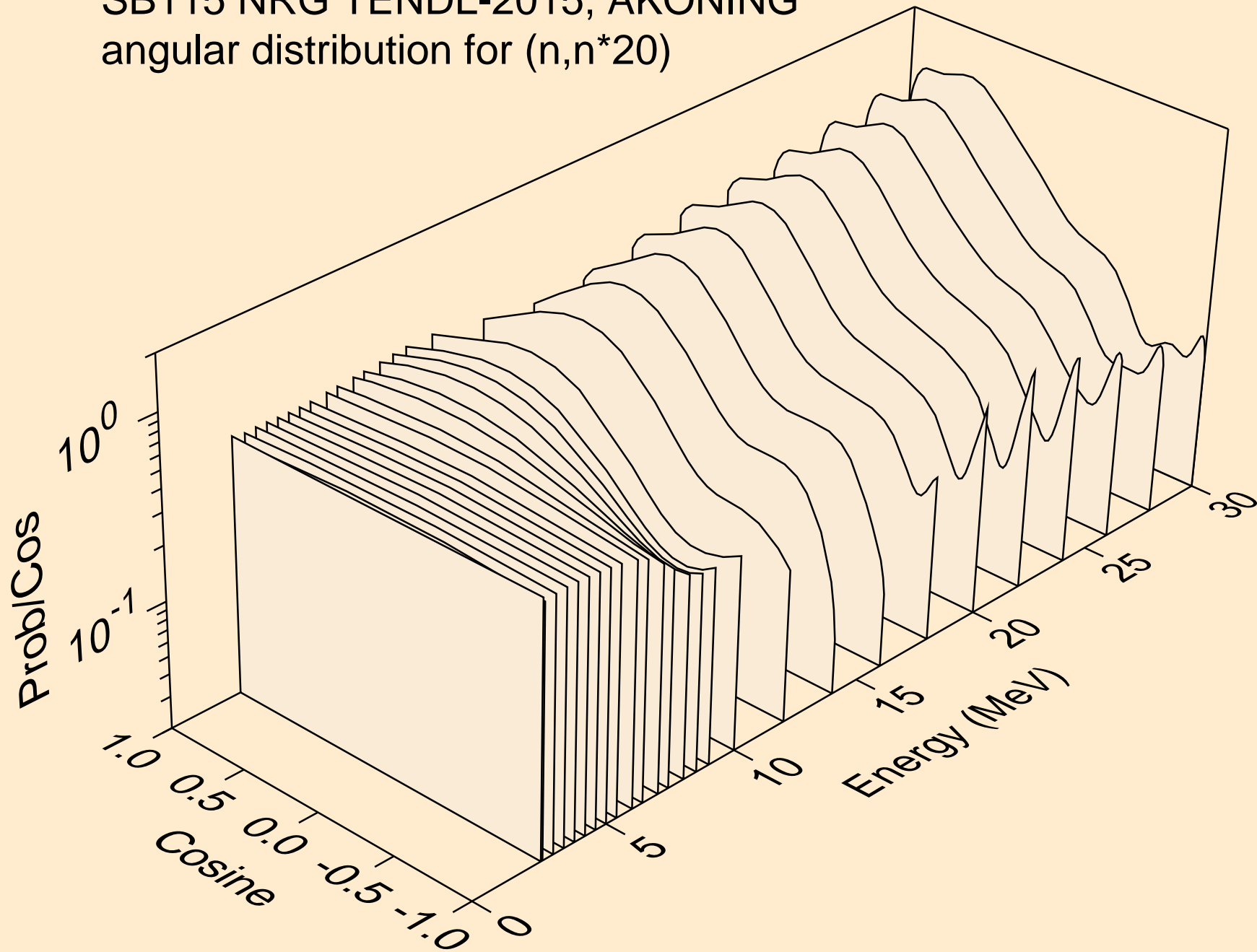
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



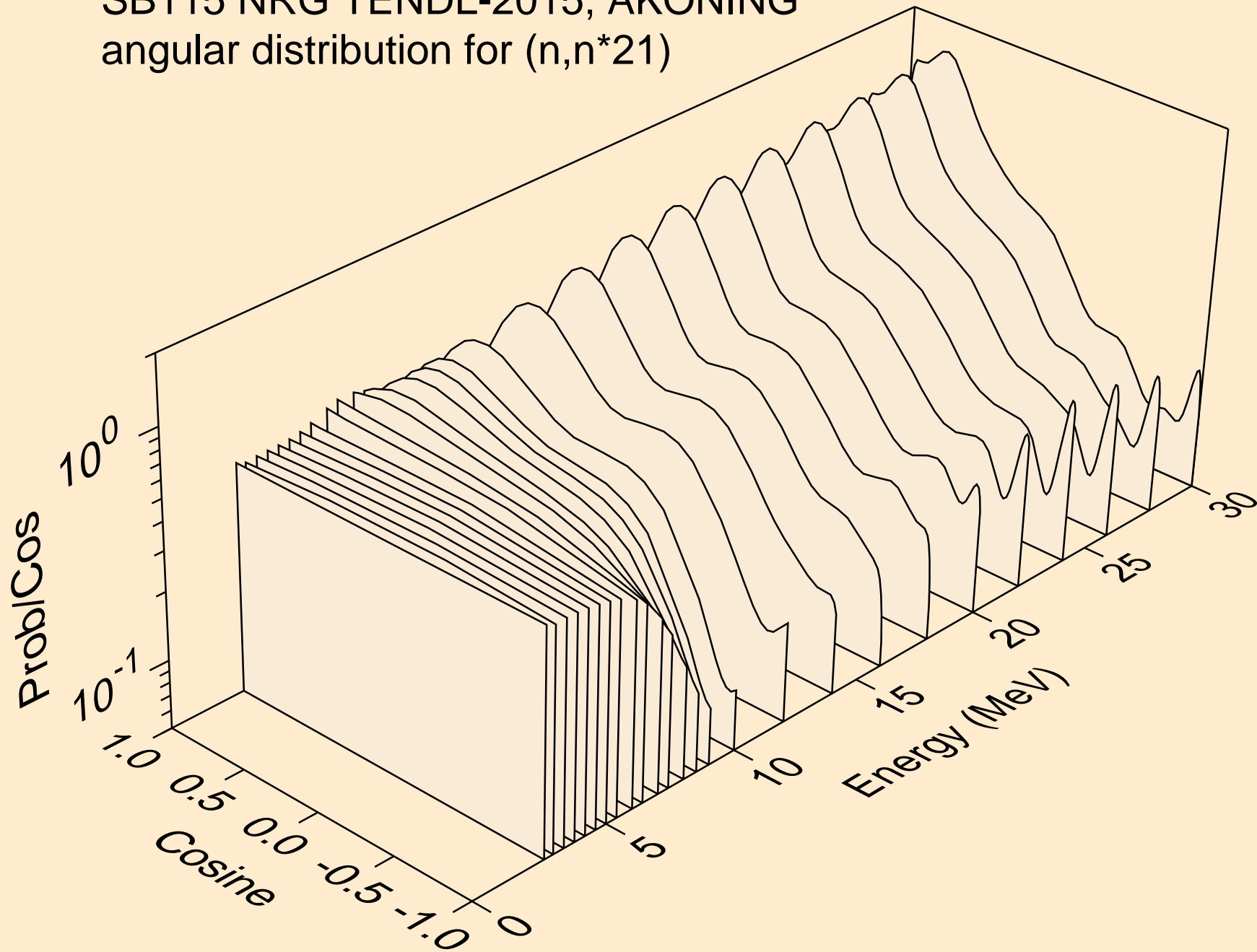
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



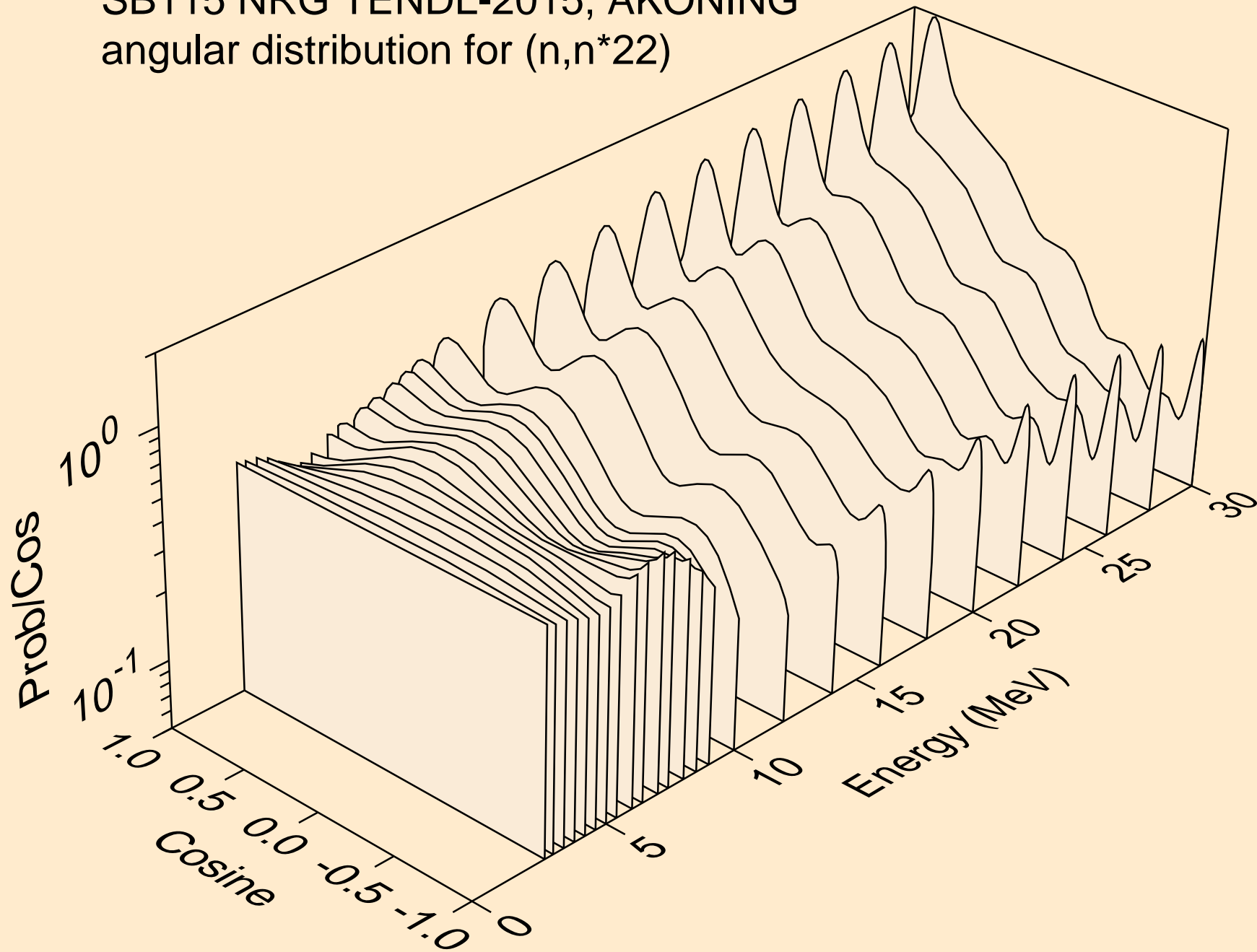
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



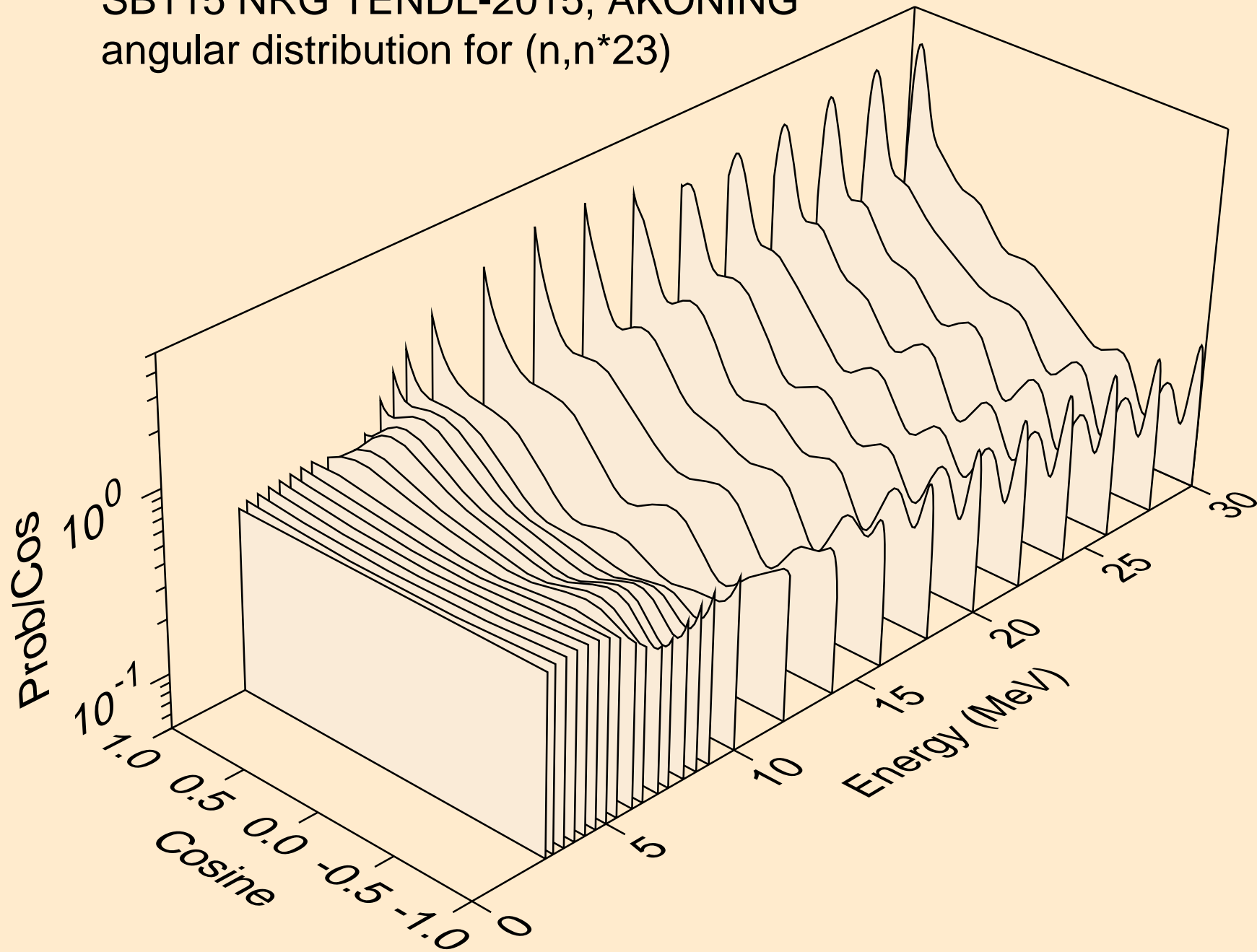
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

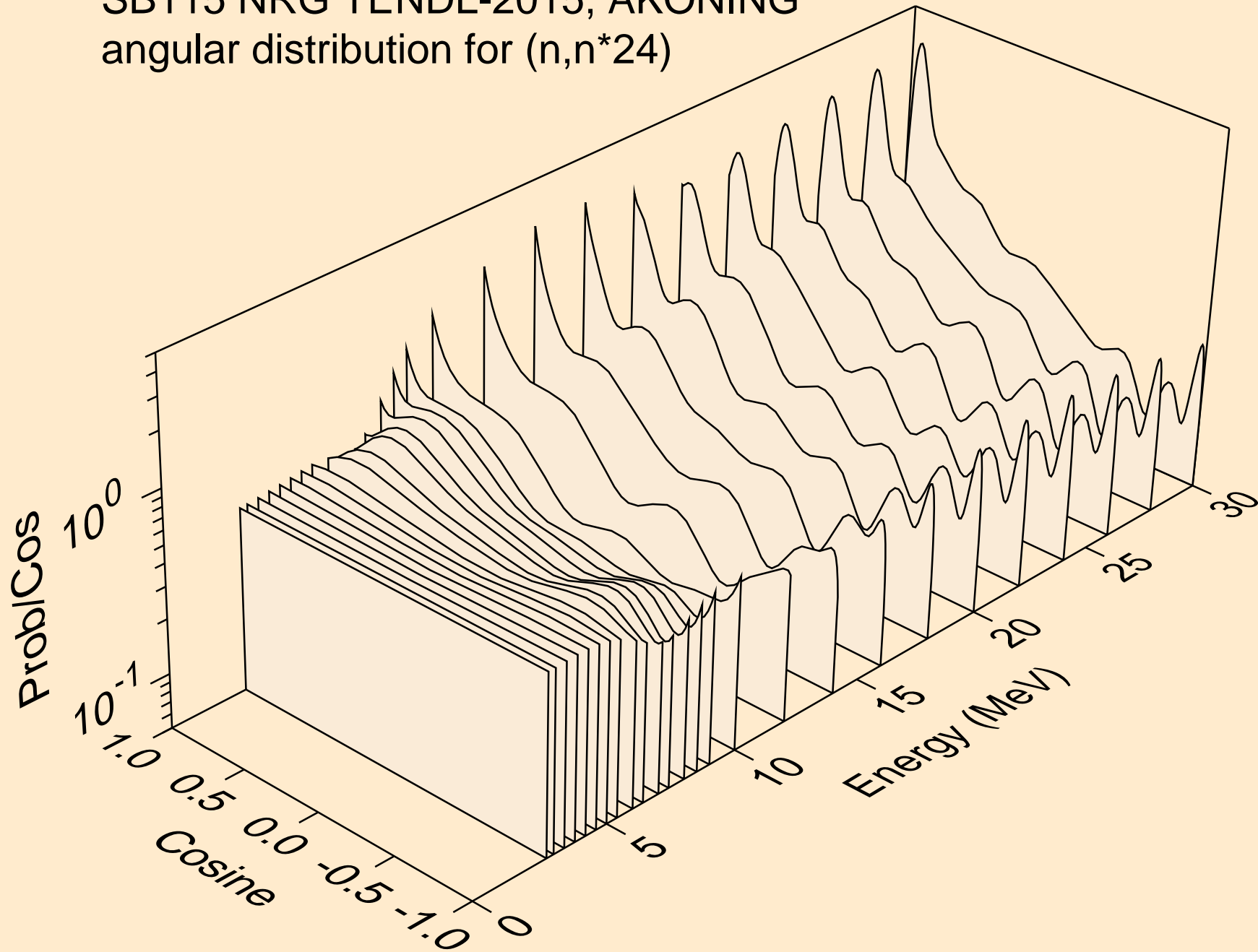


SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

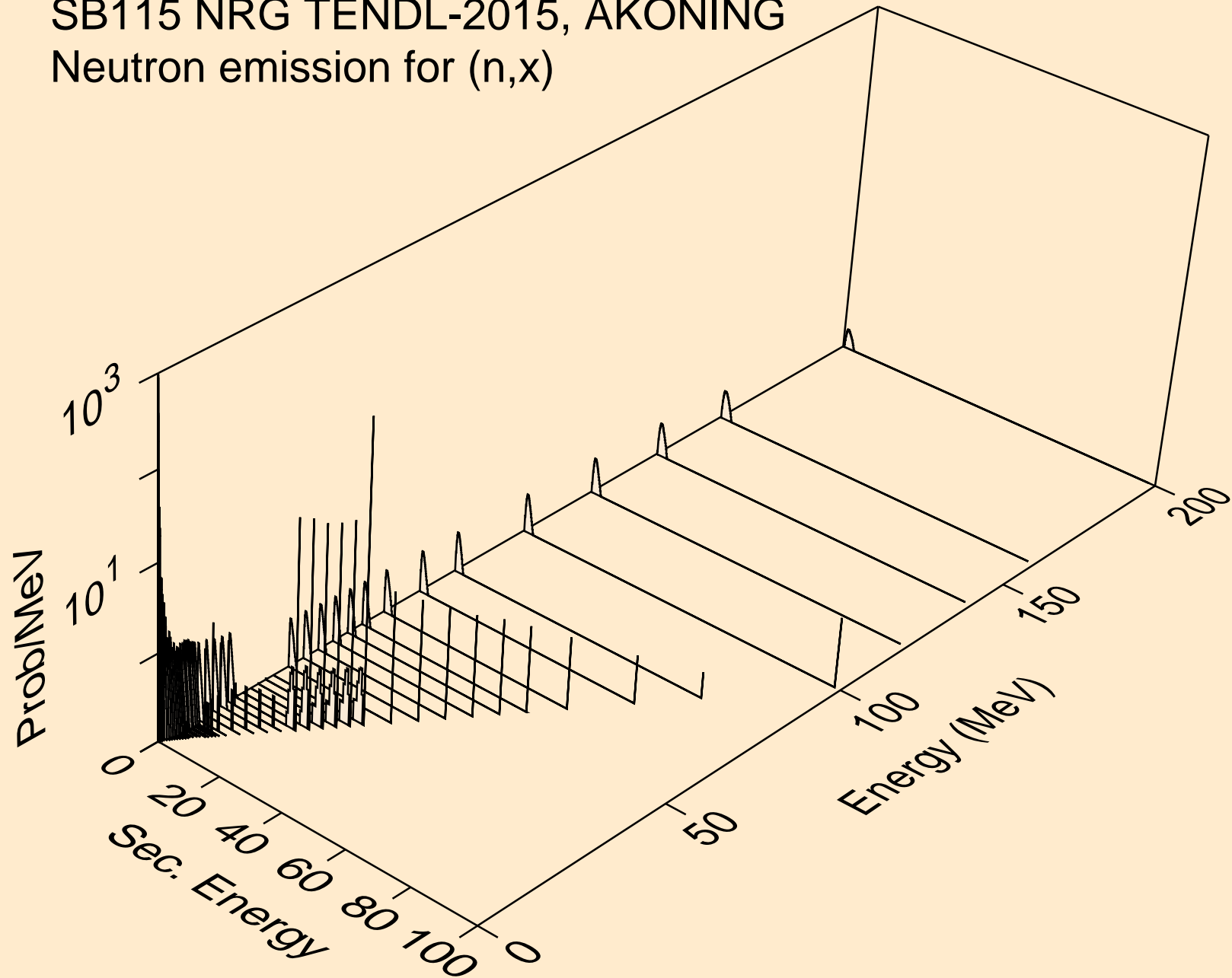




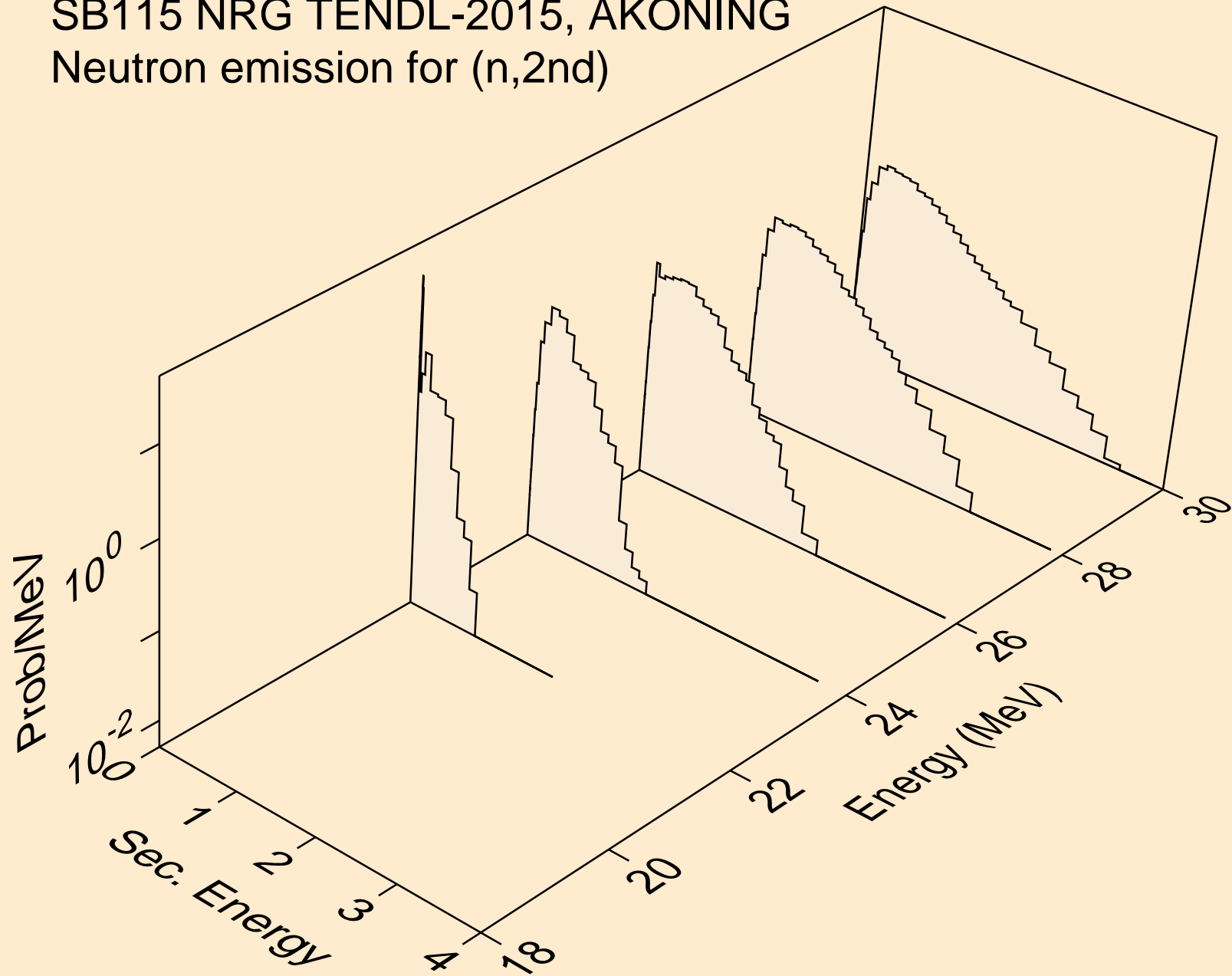
SB115 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



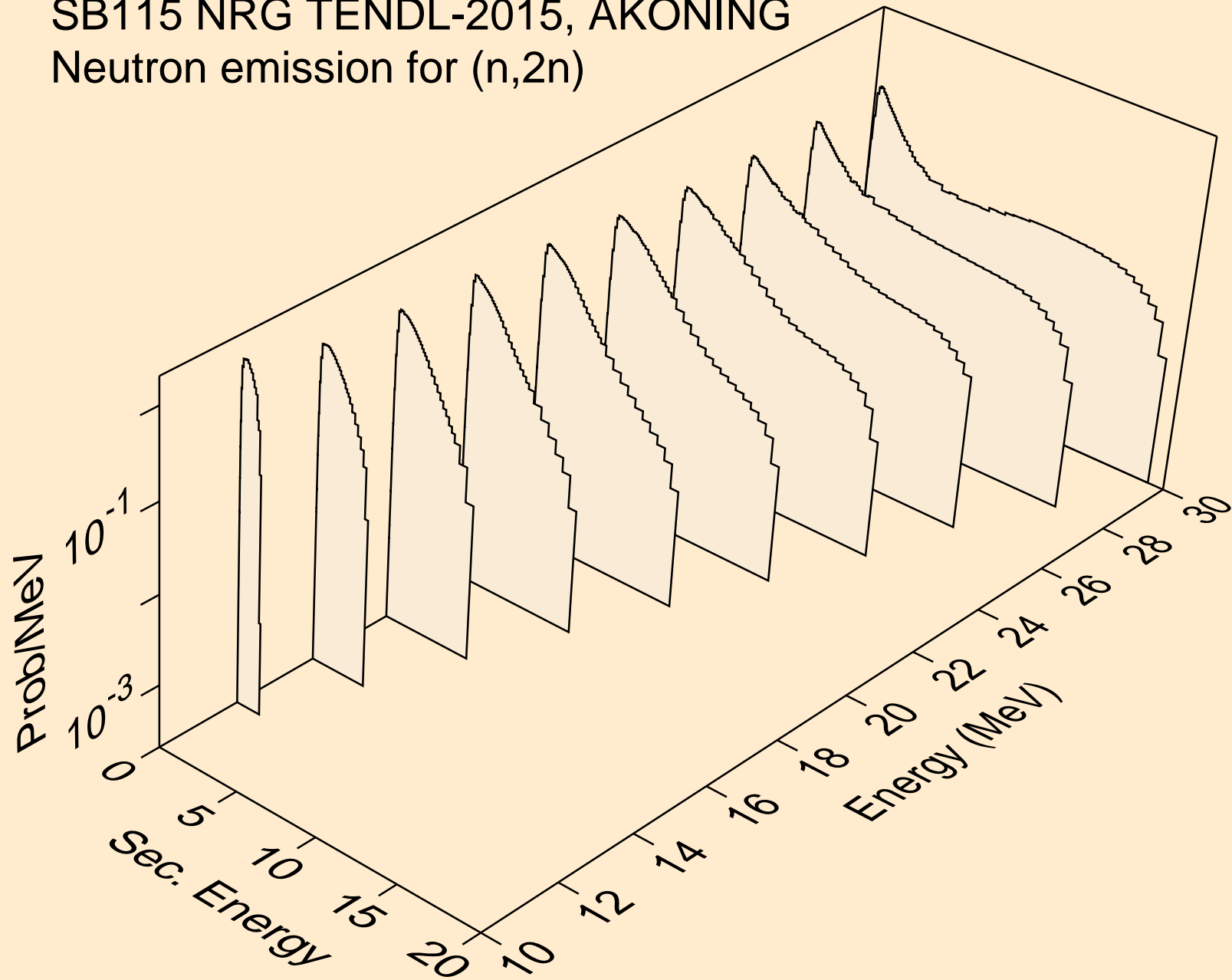
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



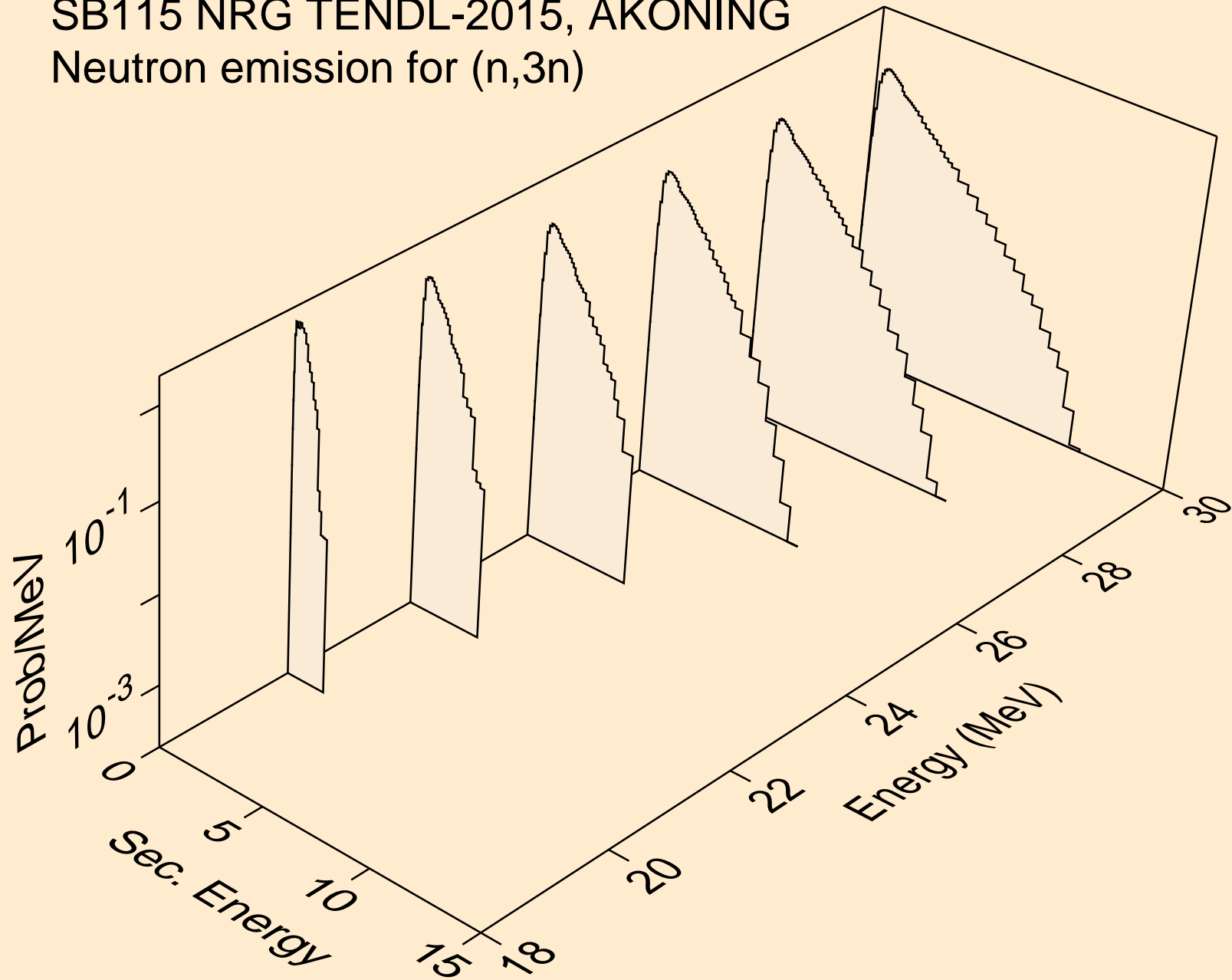
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



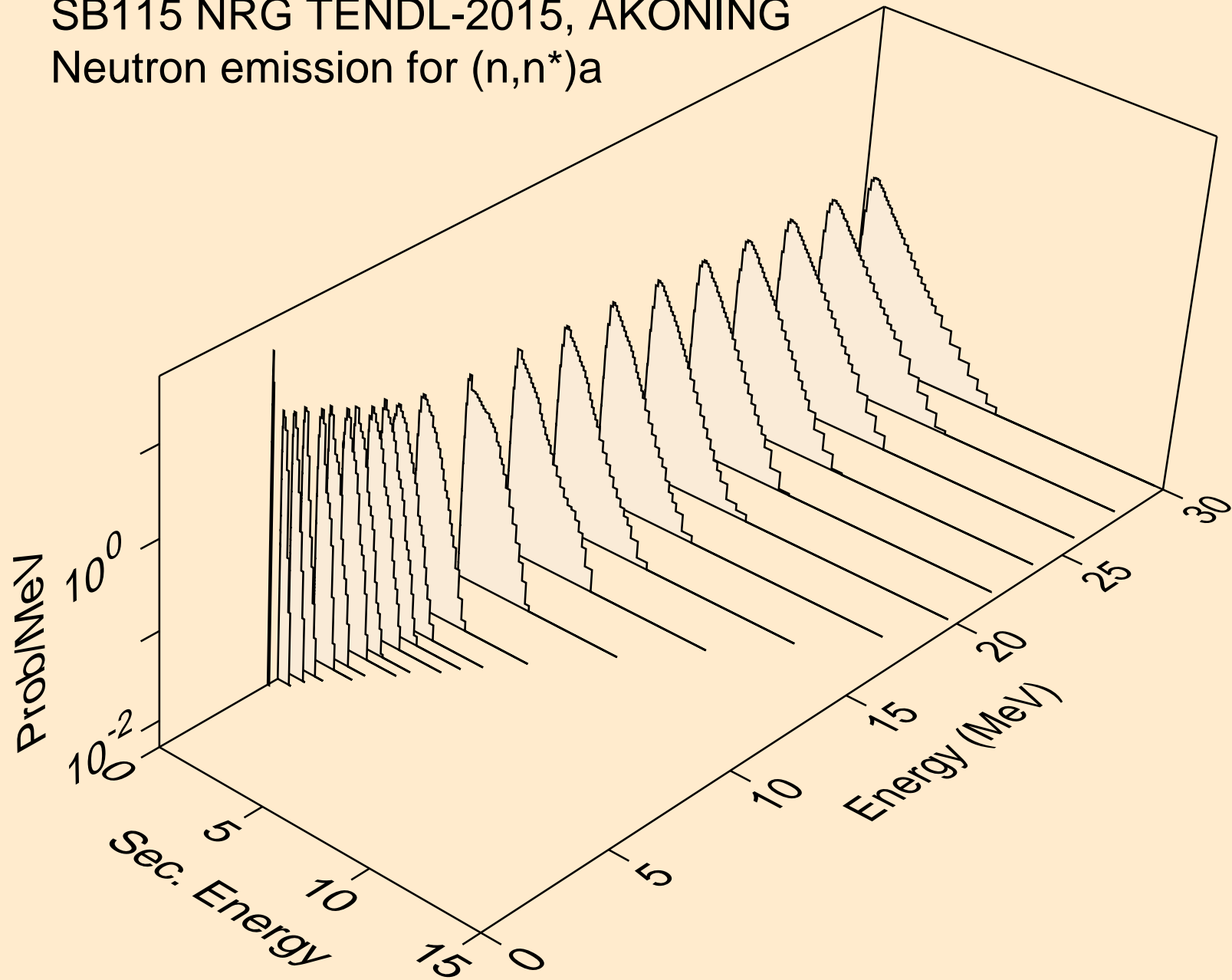
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



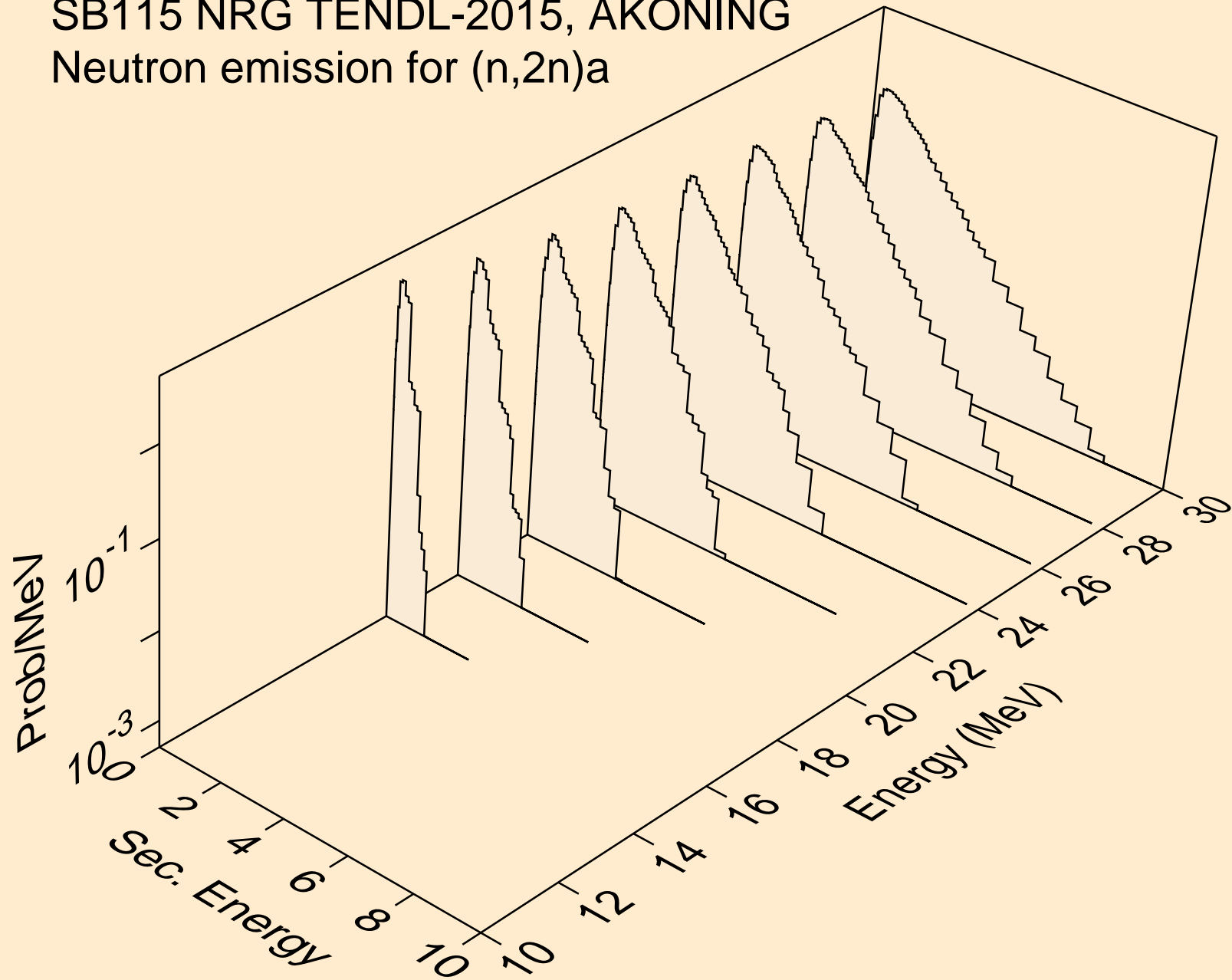
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



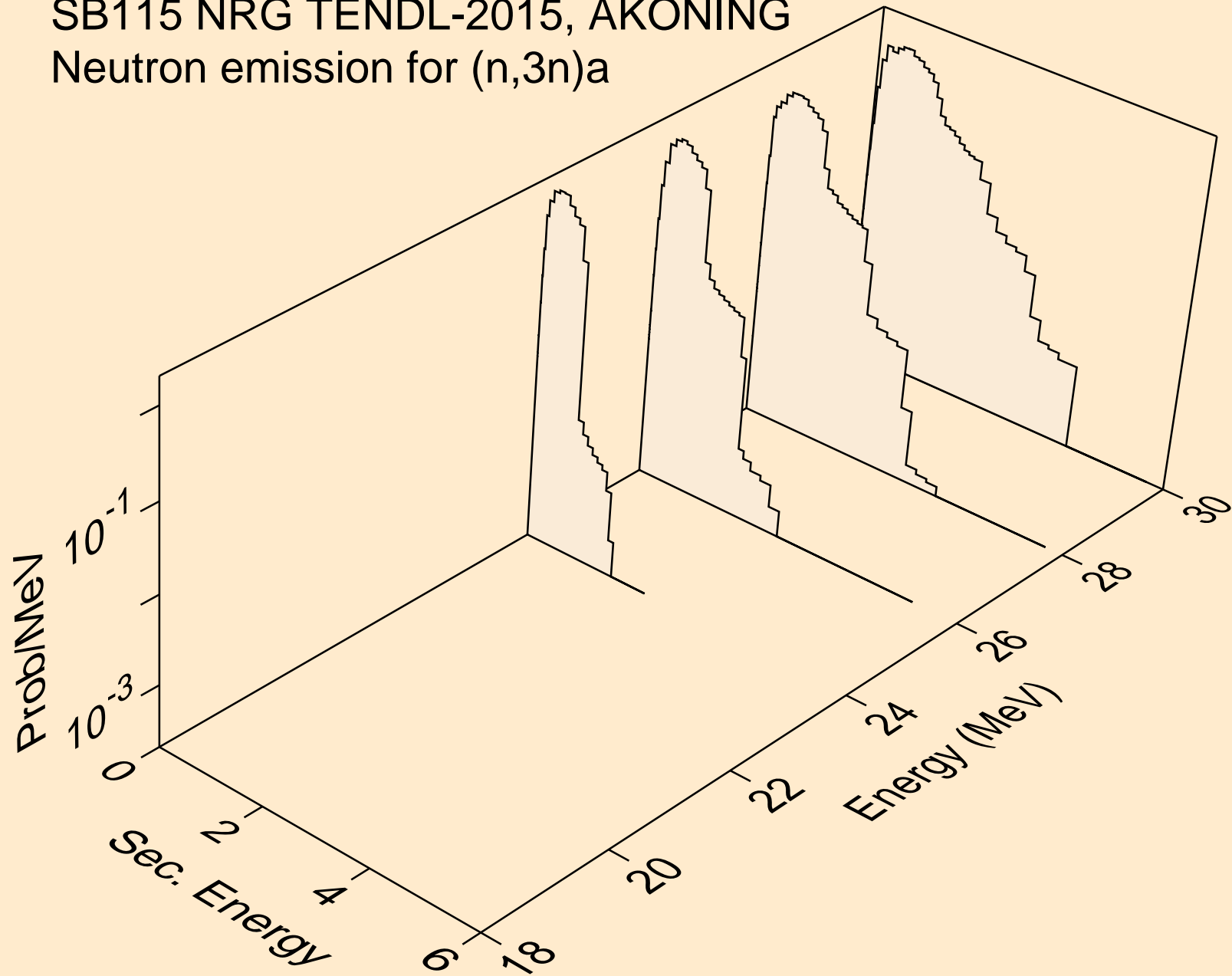
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>

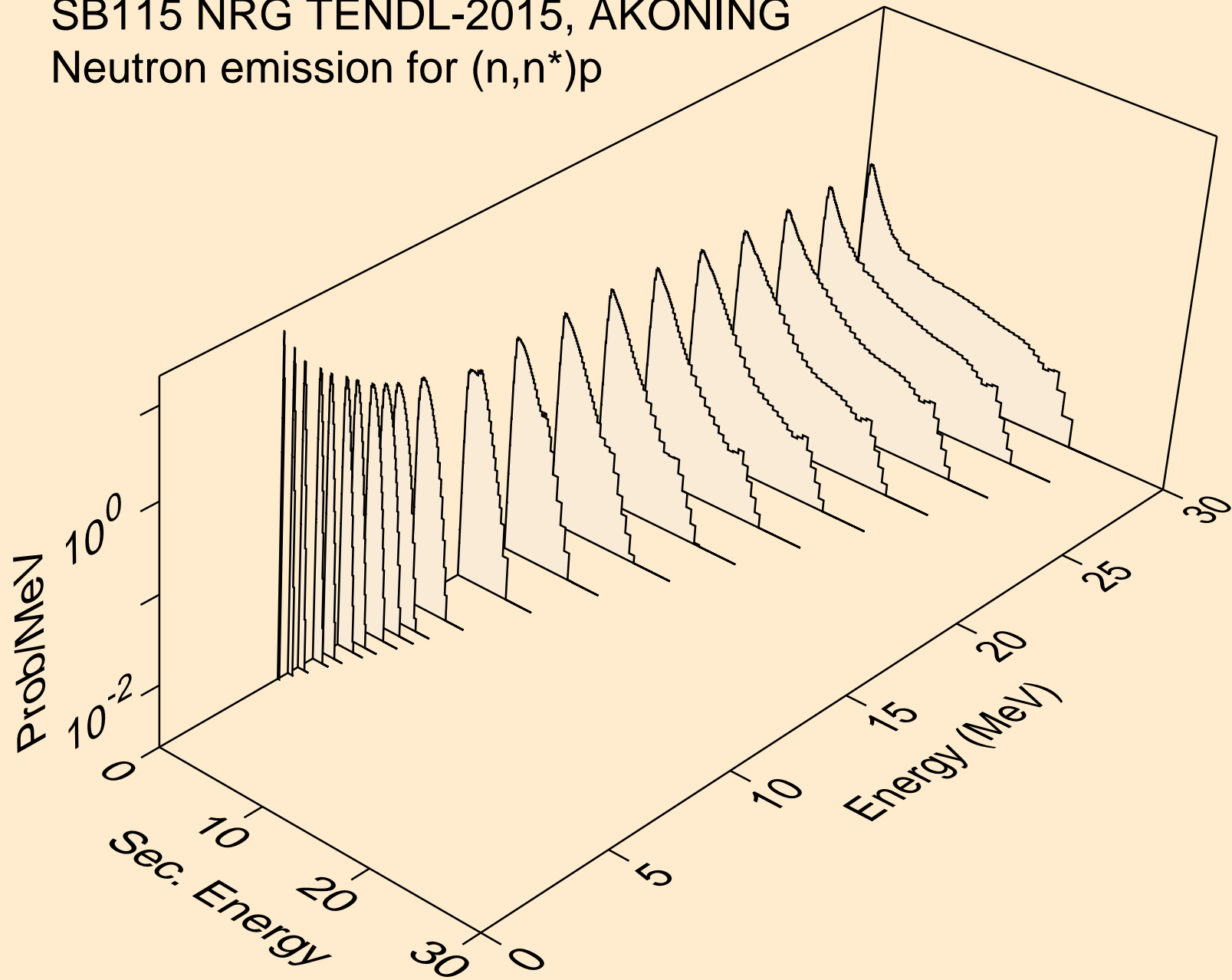


SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

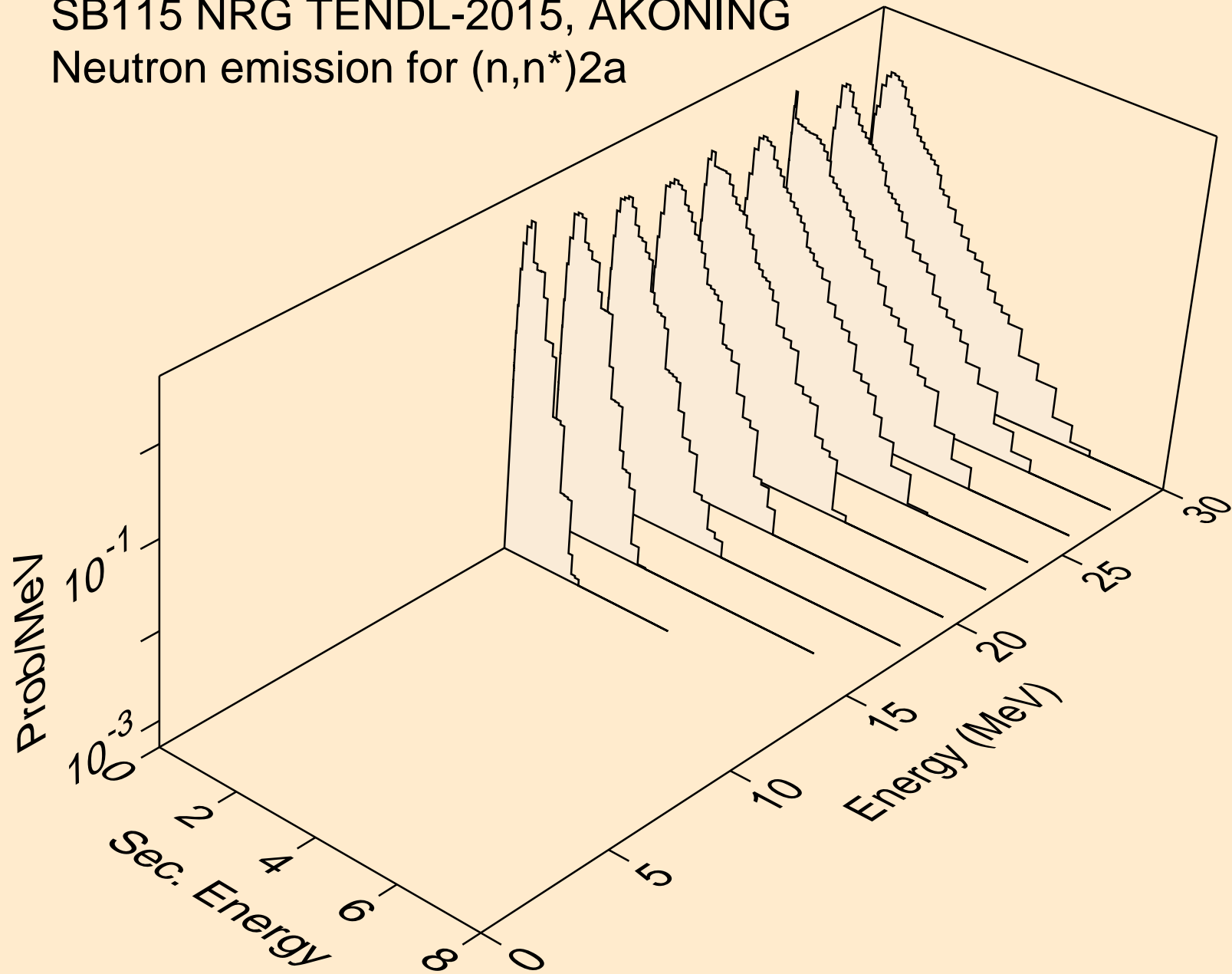




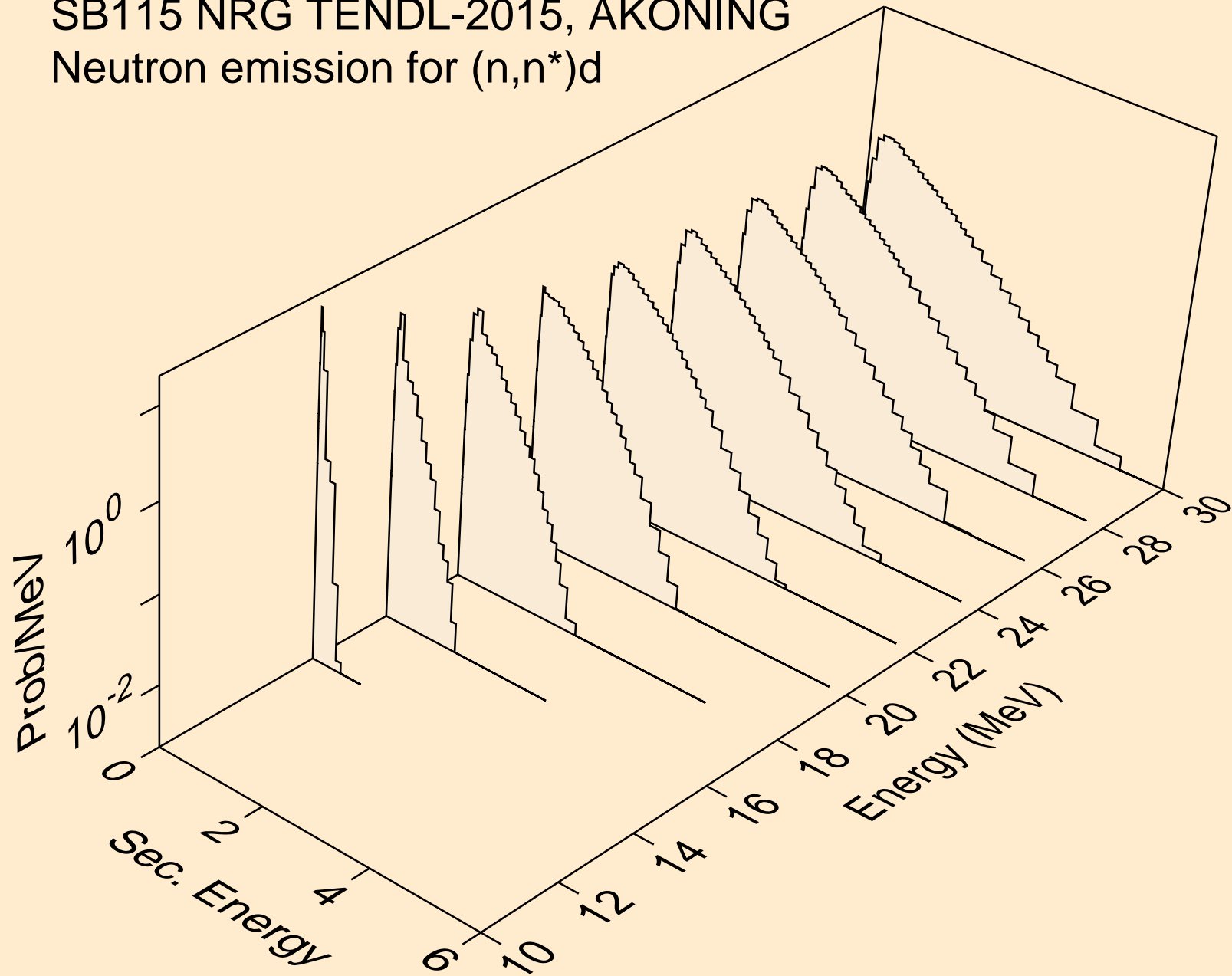
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



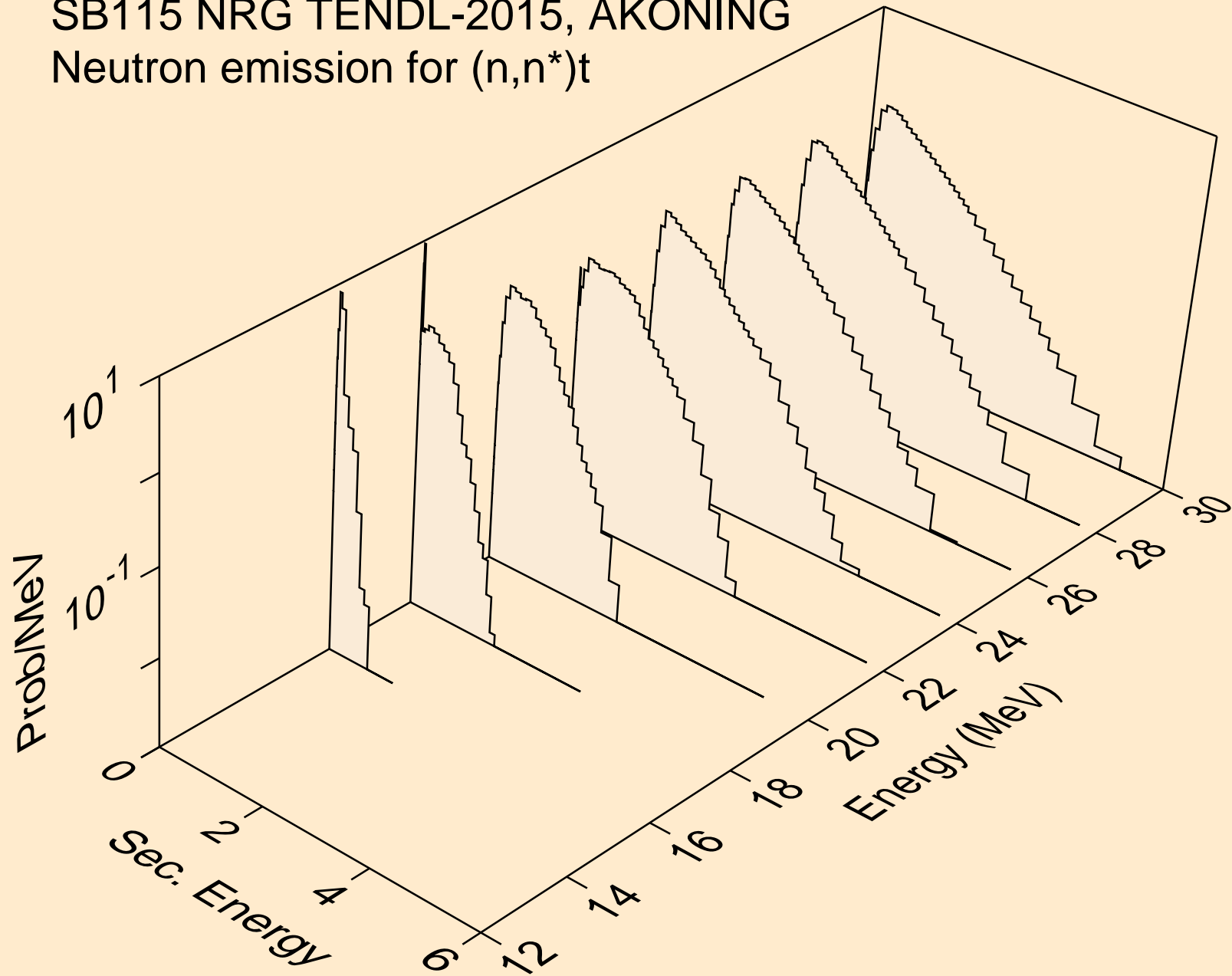
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



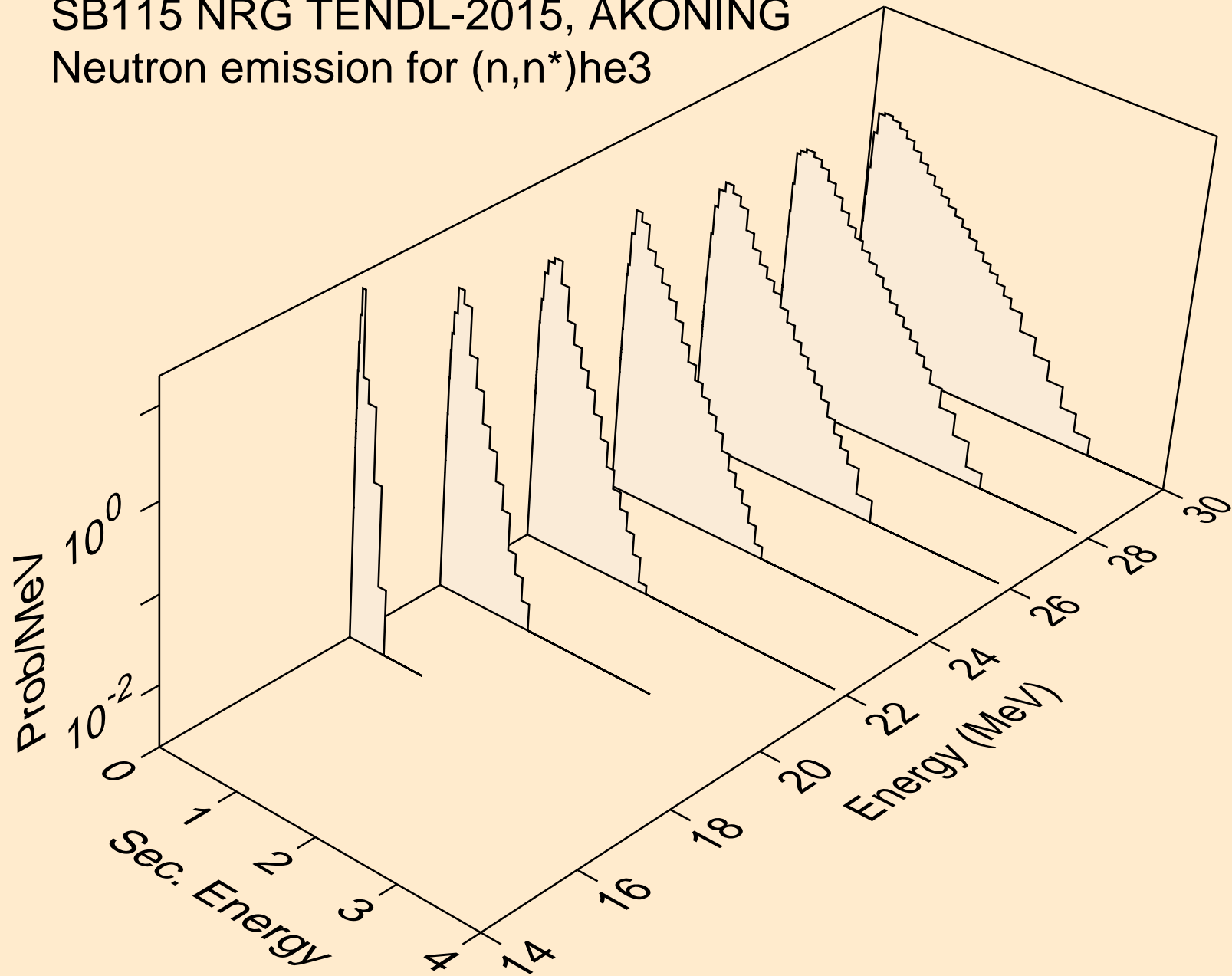
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



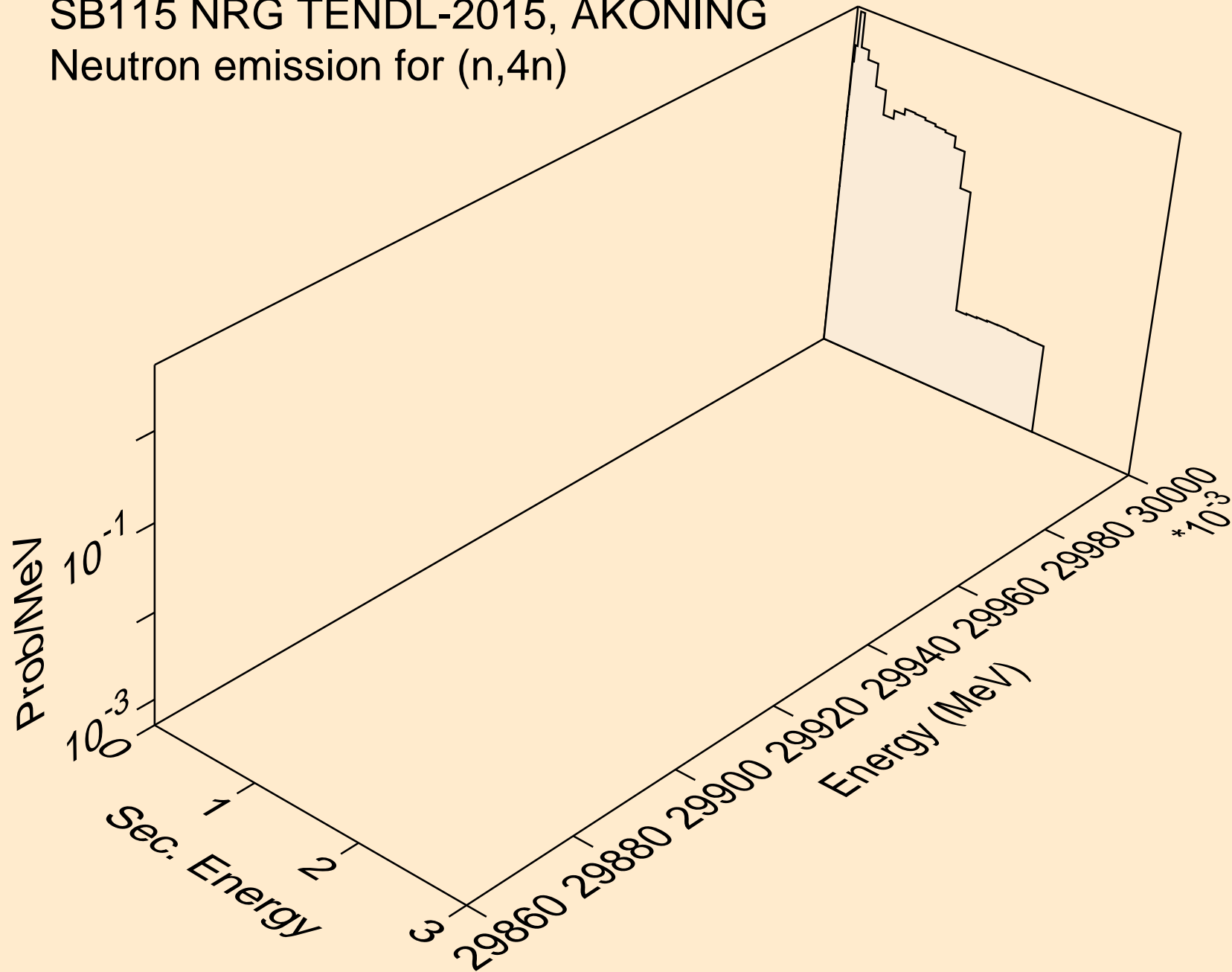
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



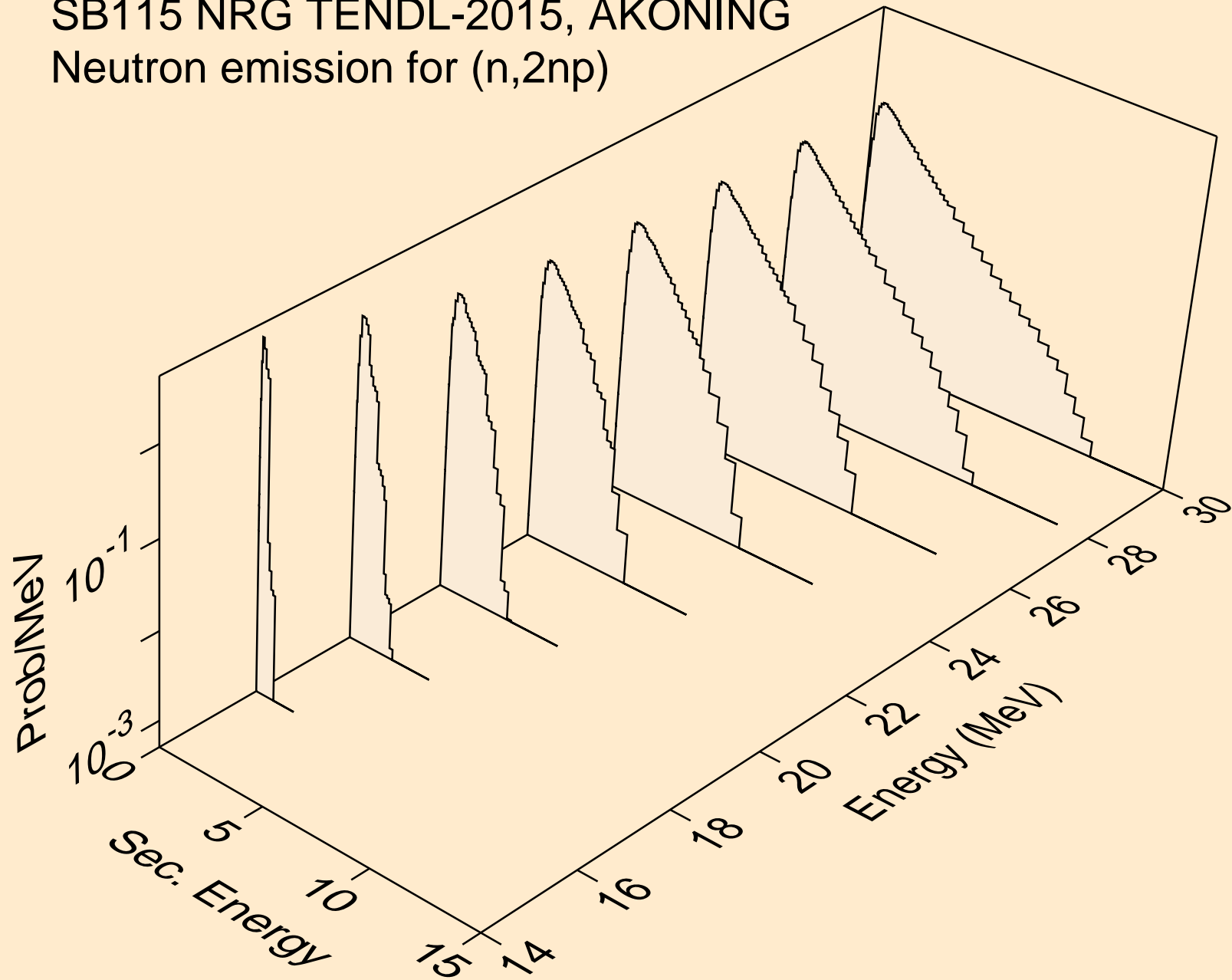
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



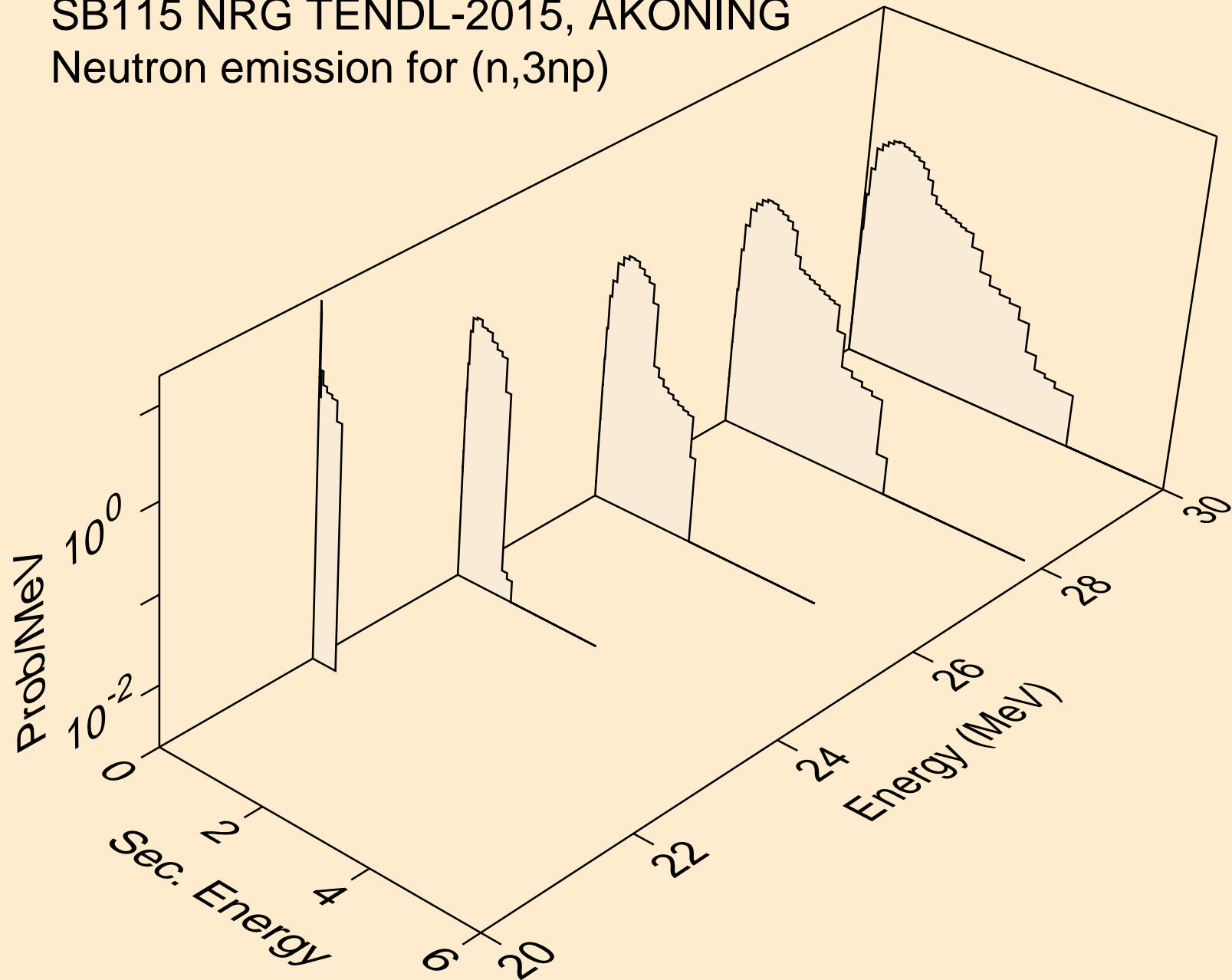
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

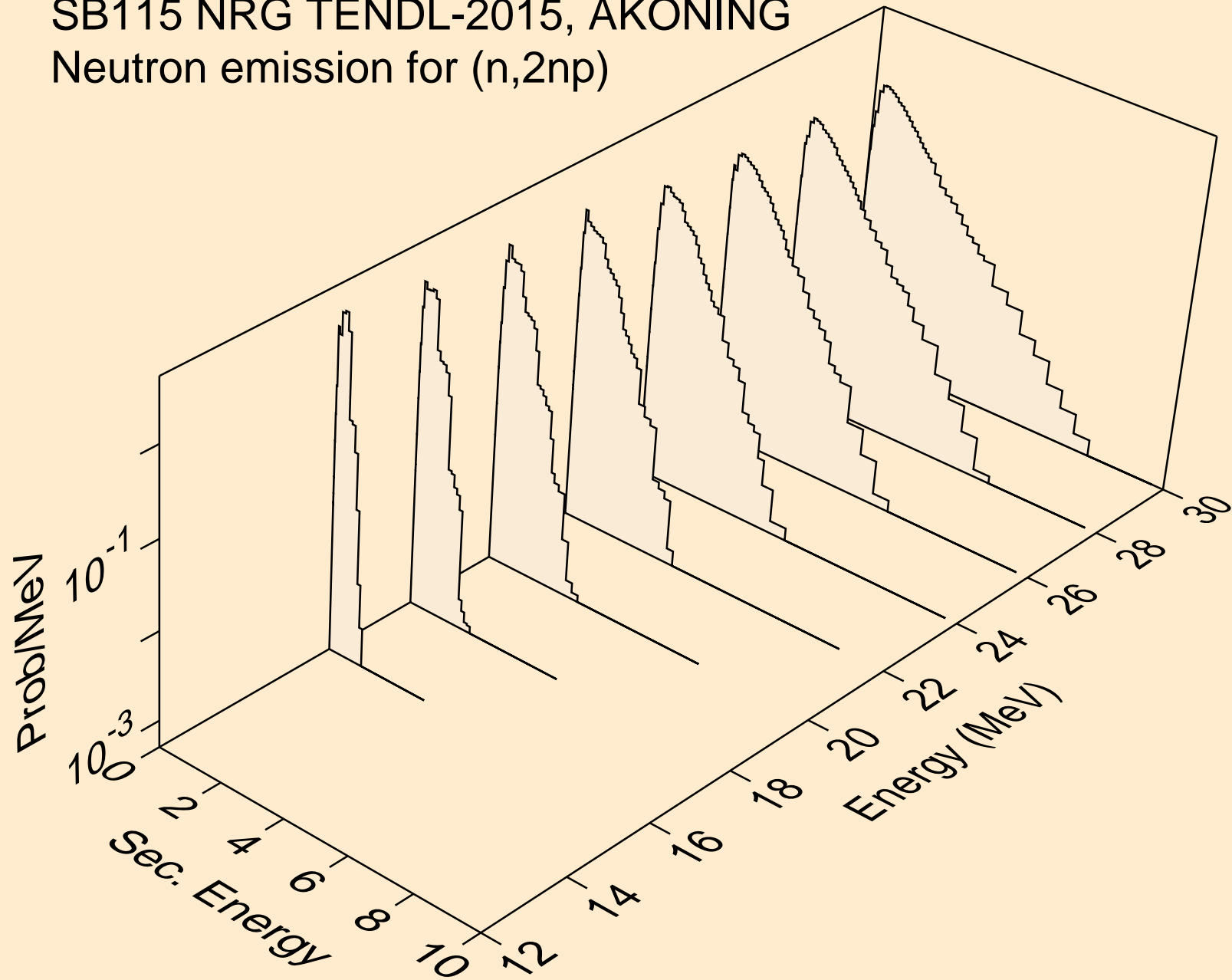


SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

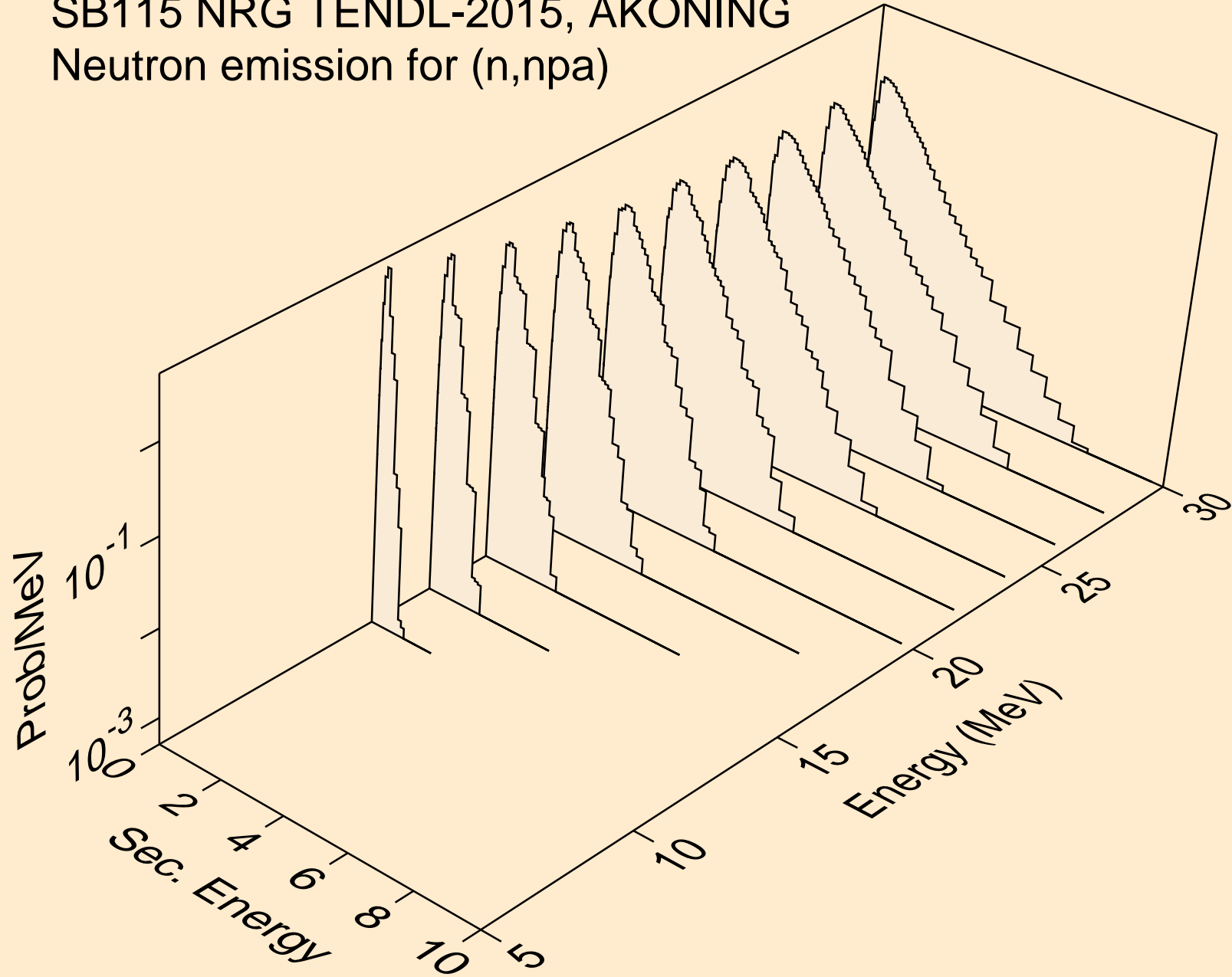




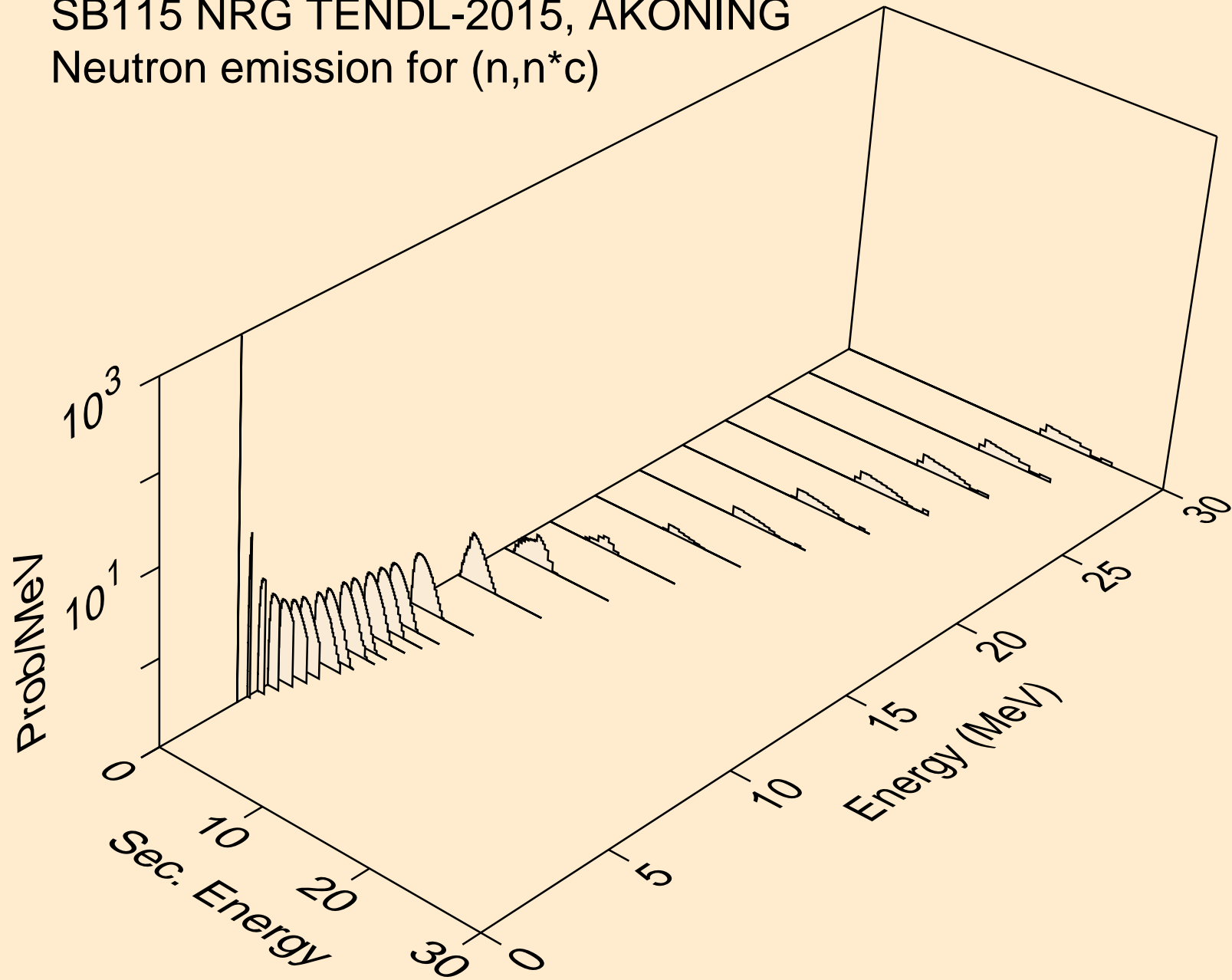
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



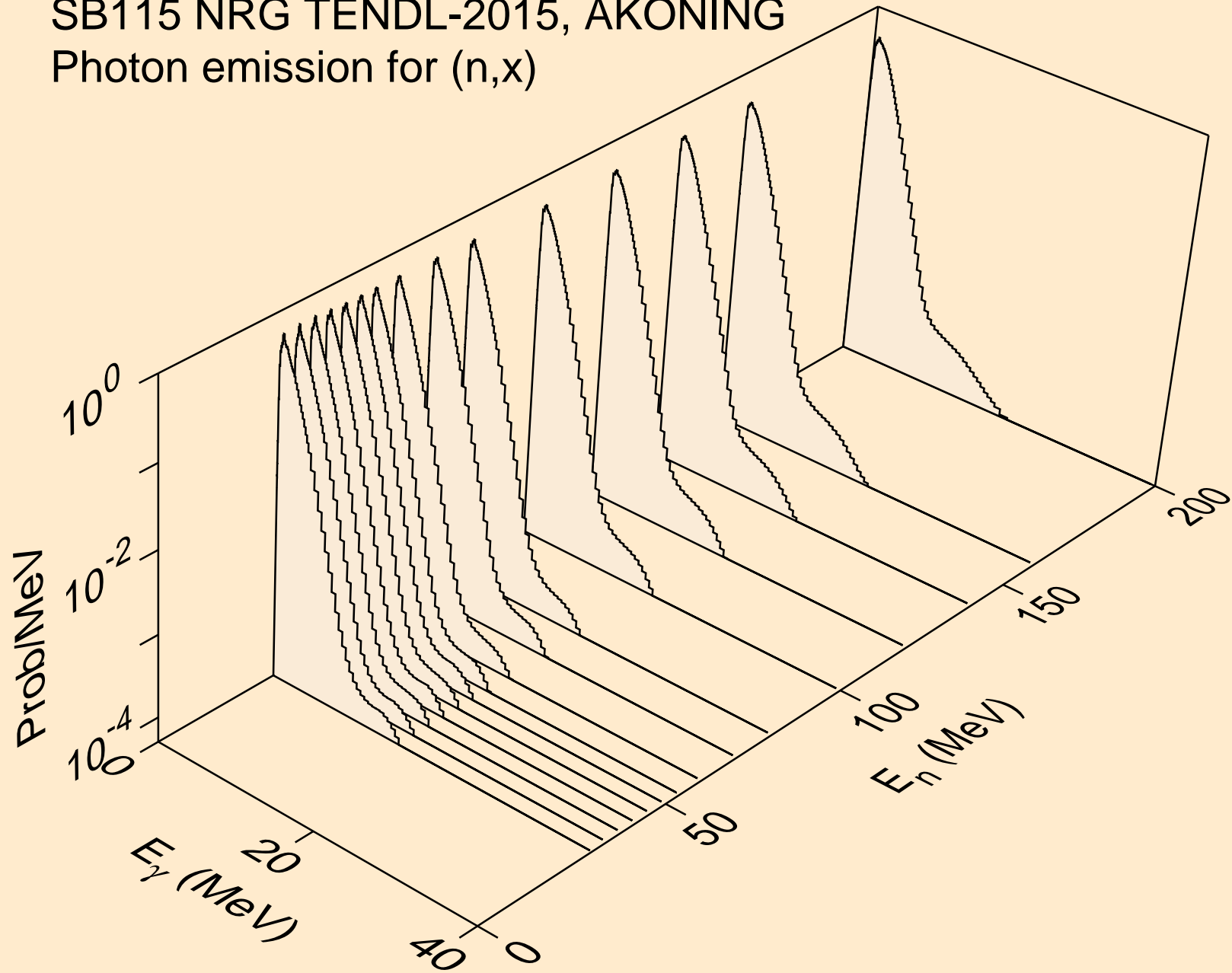
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



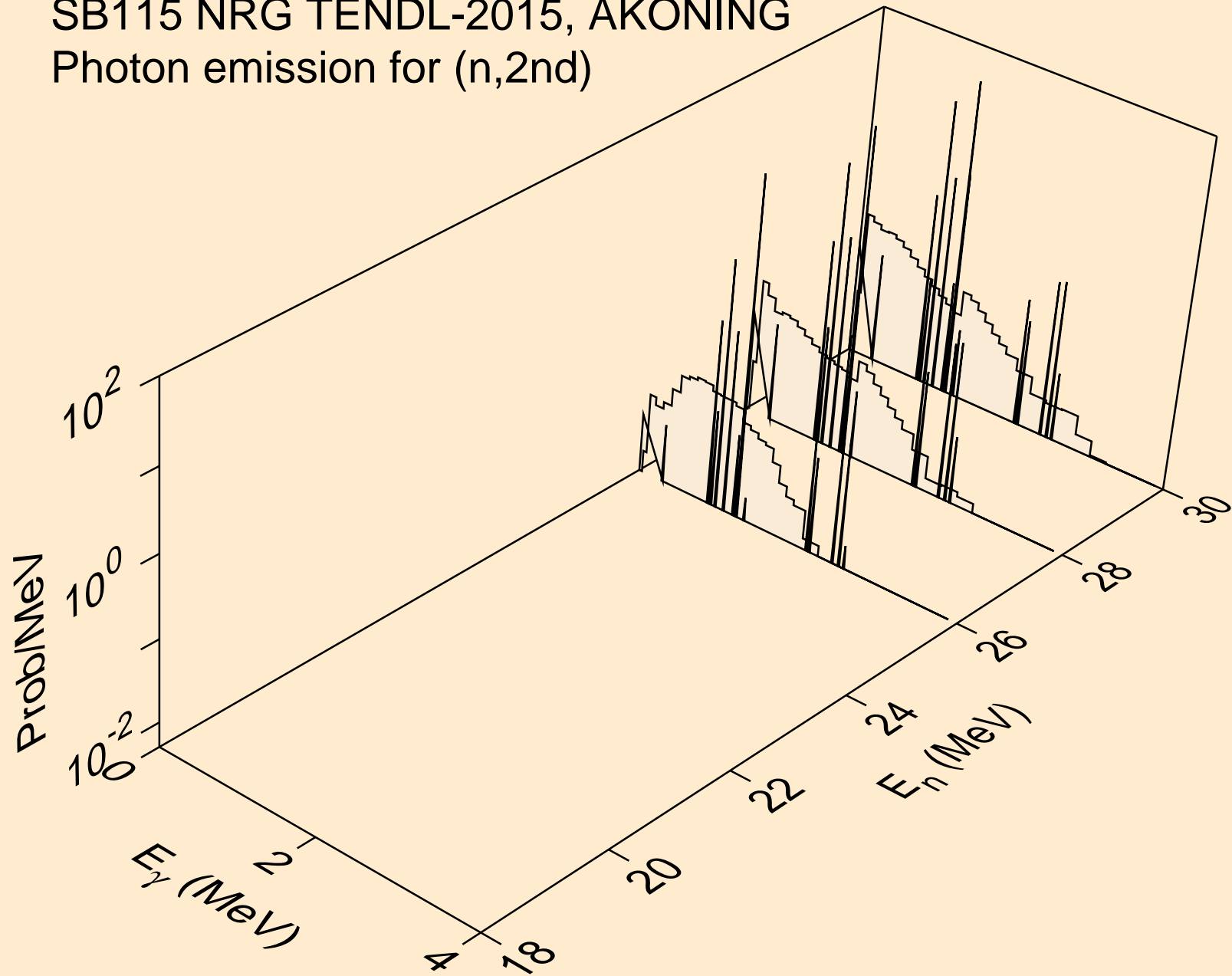
SB115 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



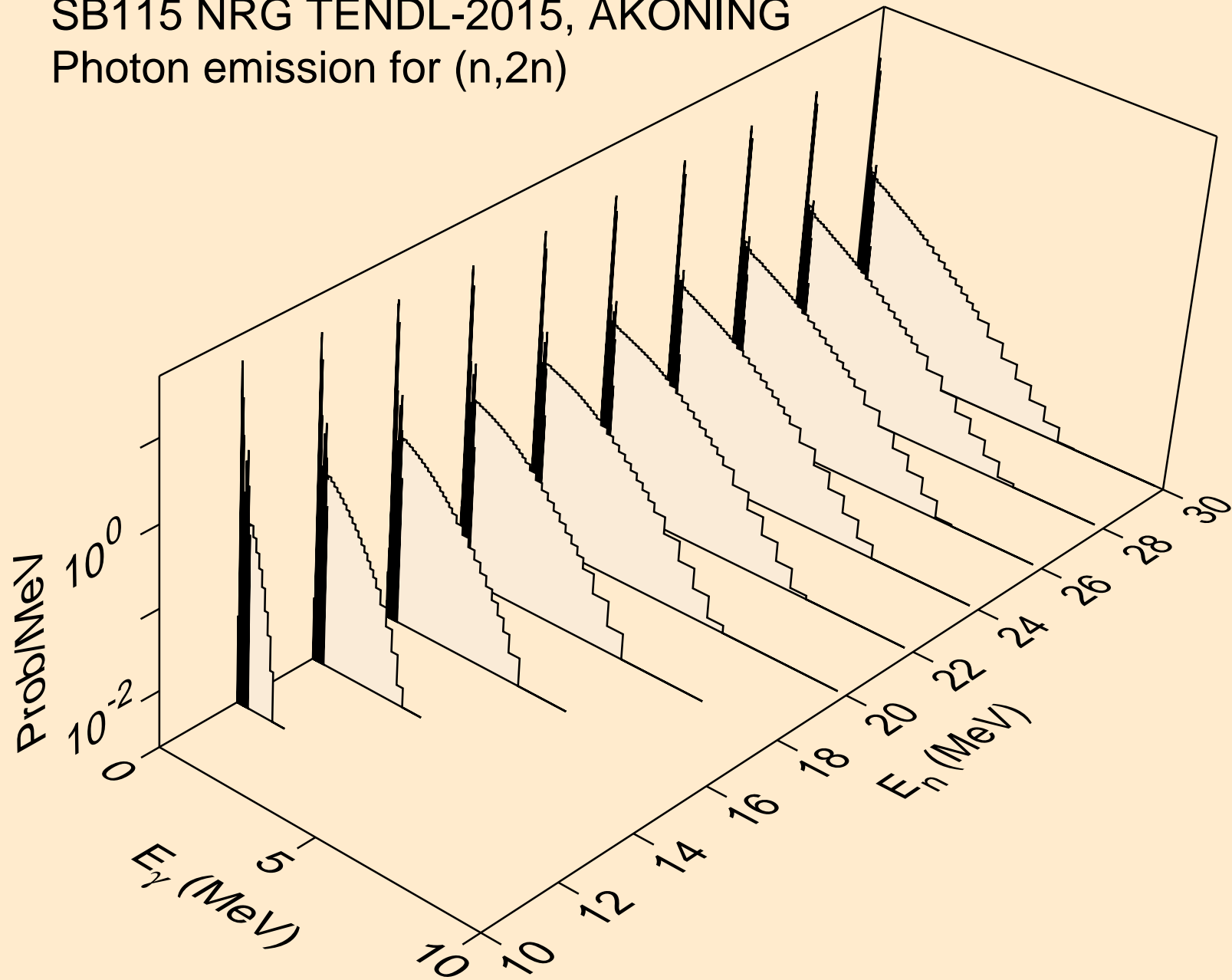
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



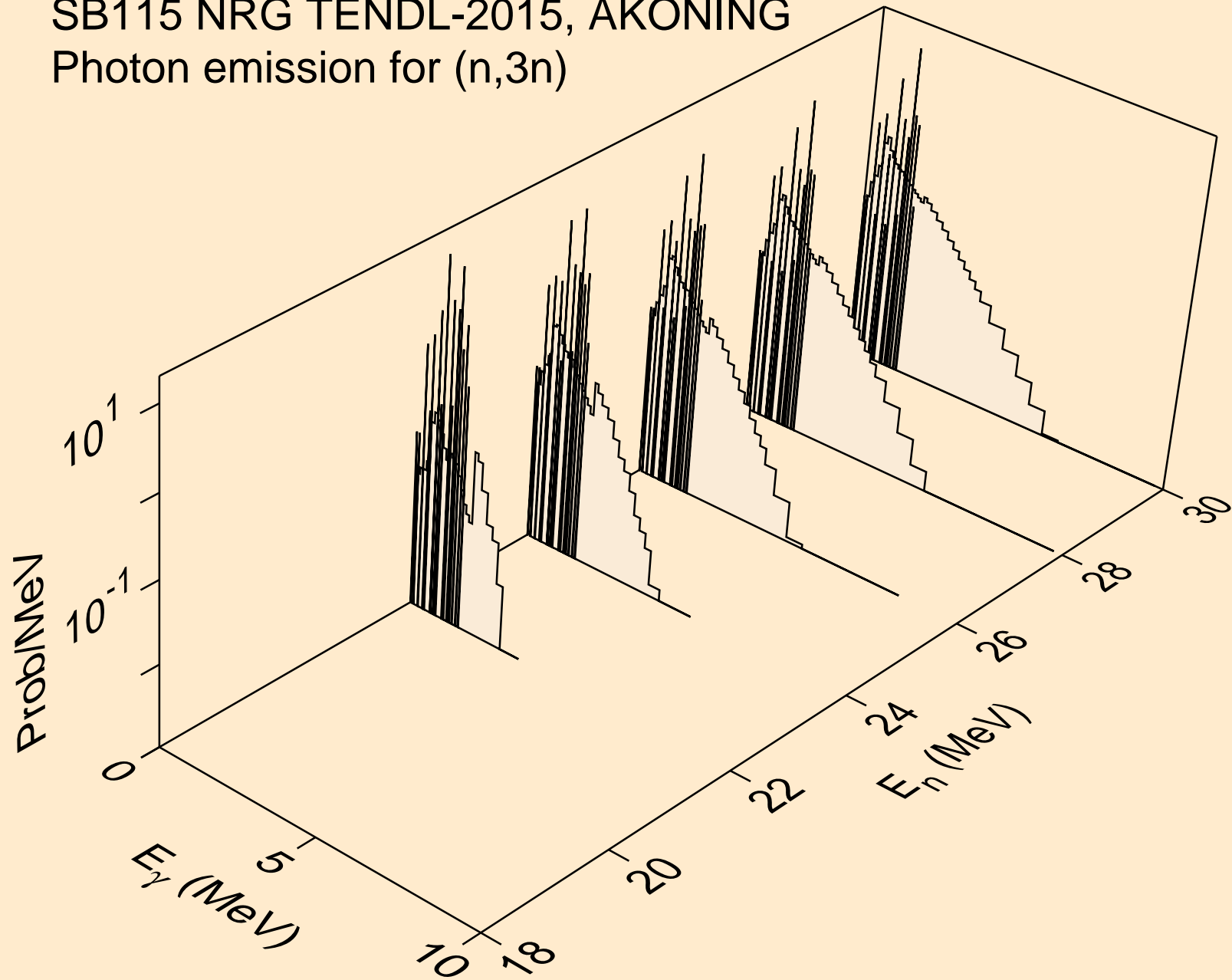
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



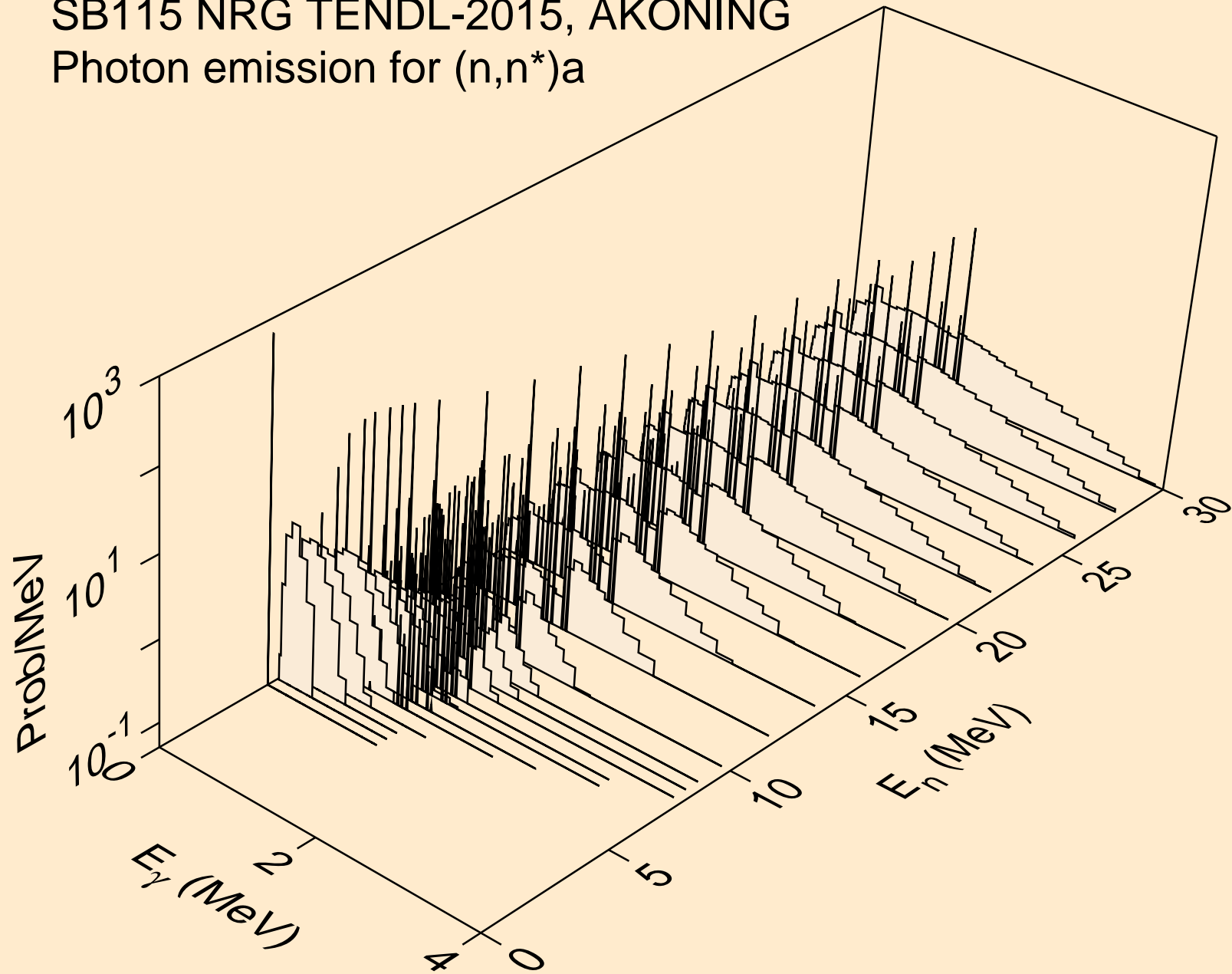
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

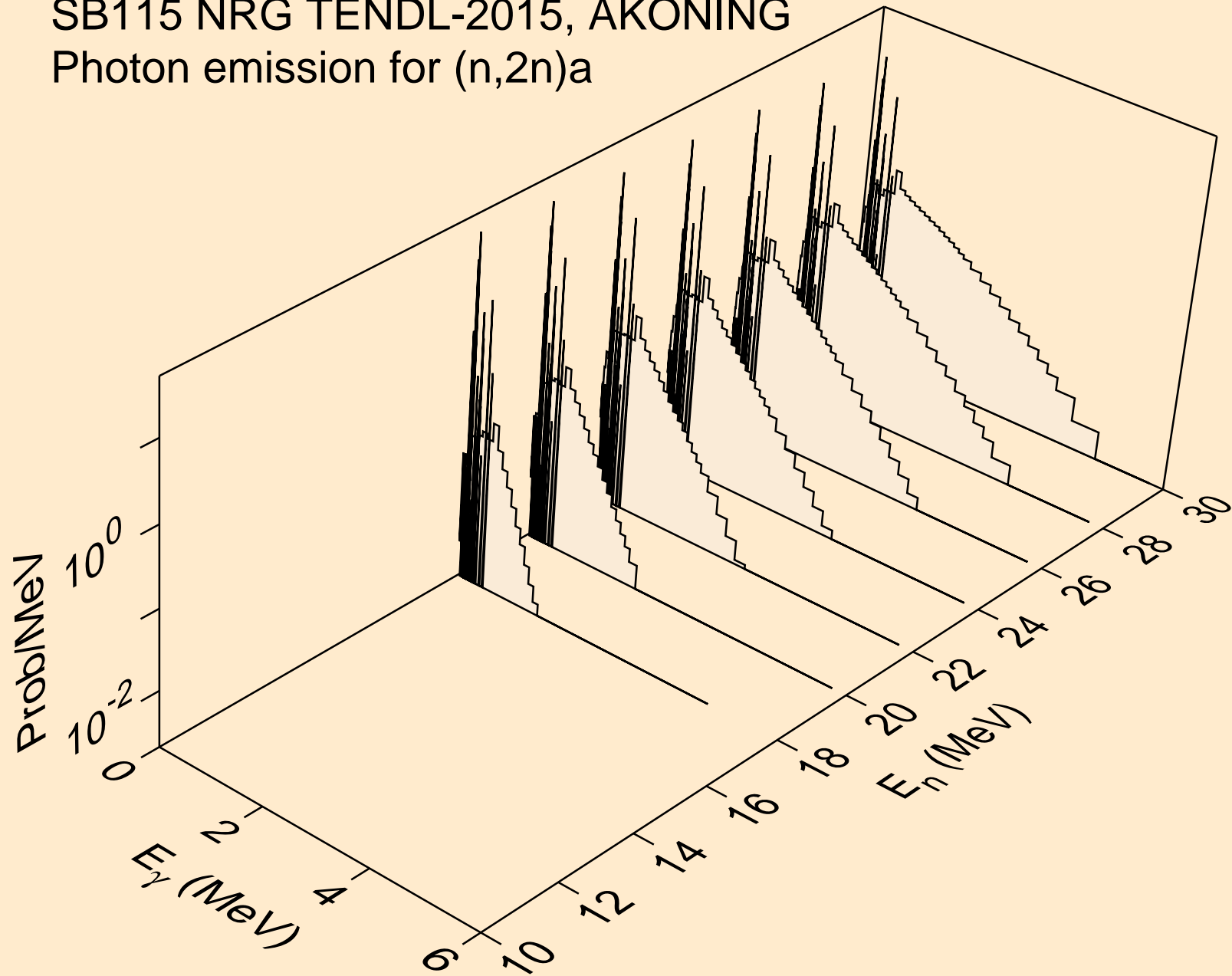


SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

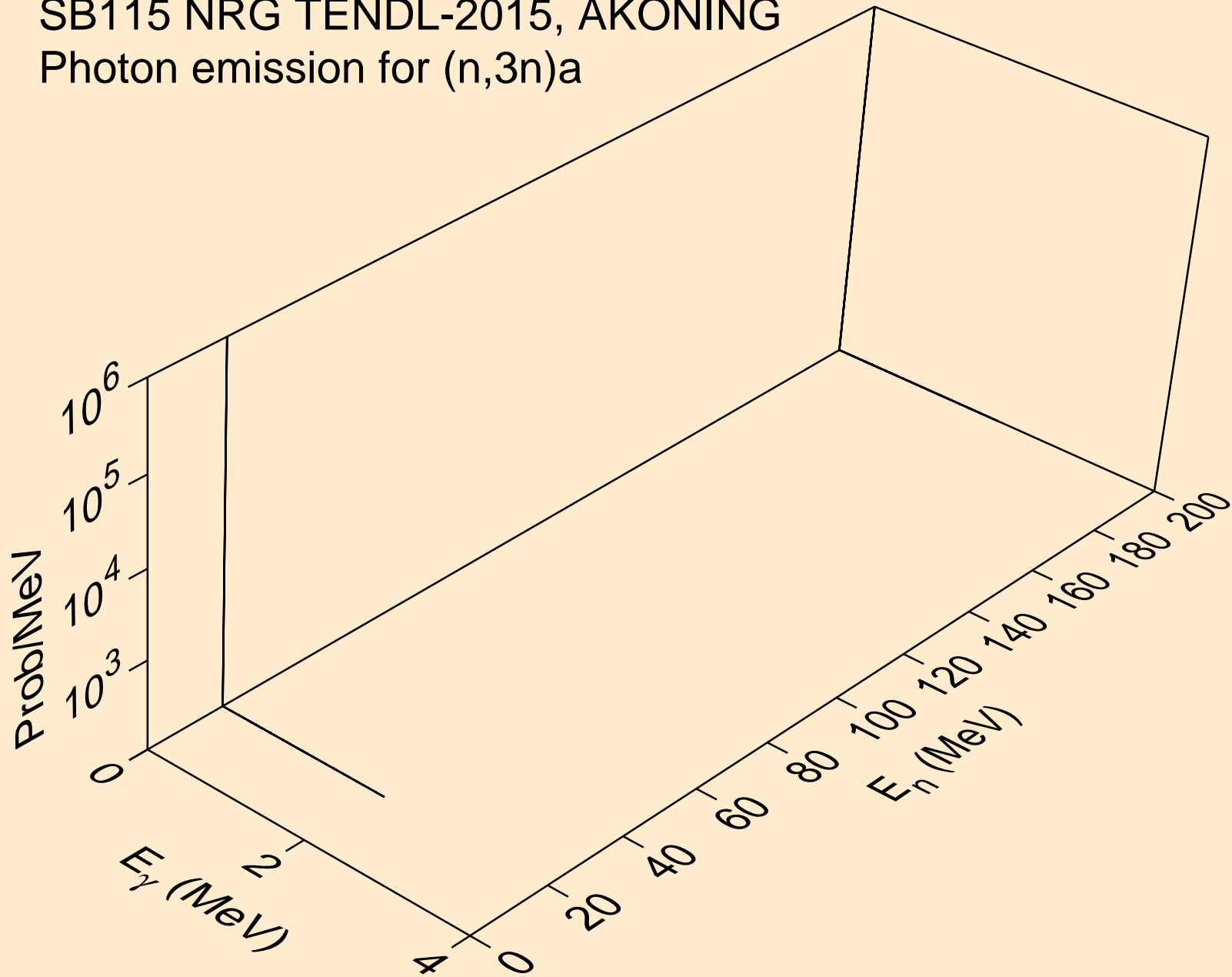




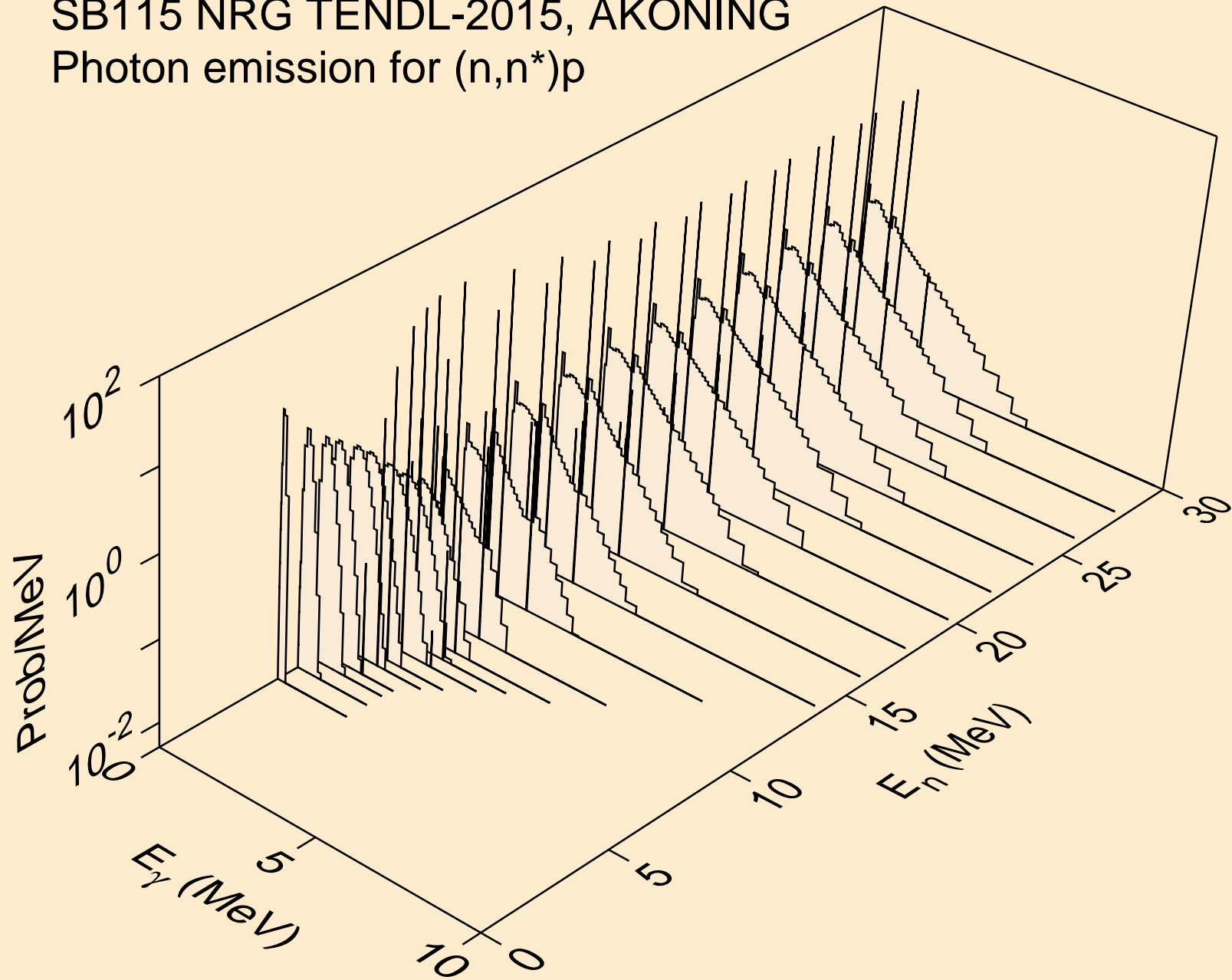
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



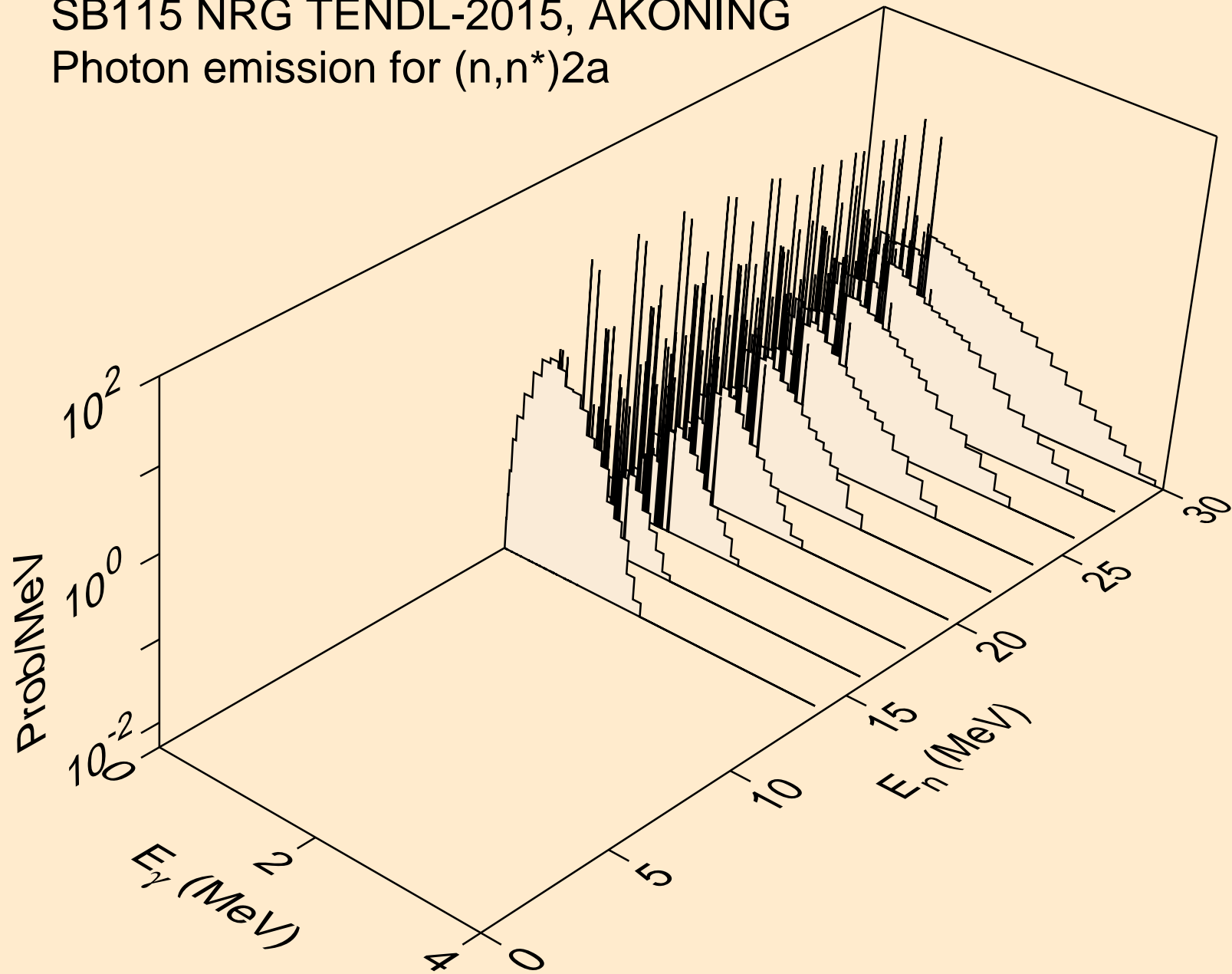
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



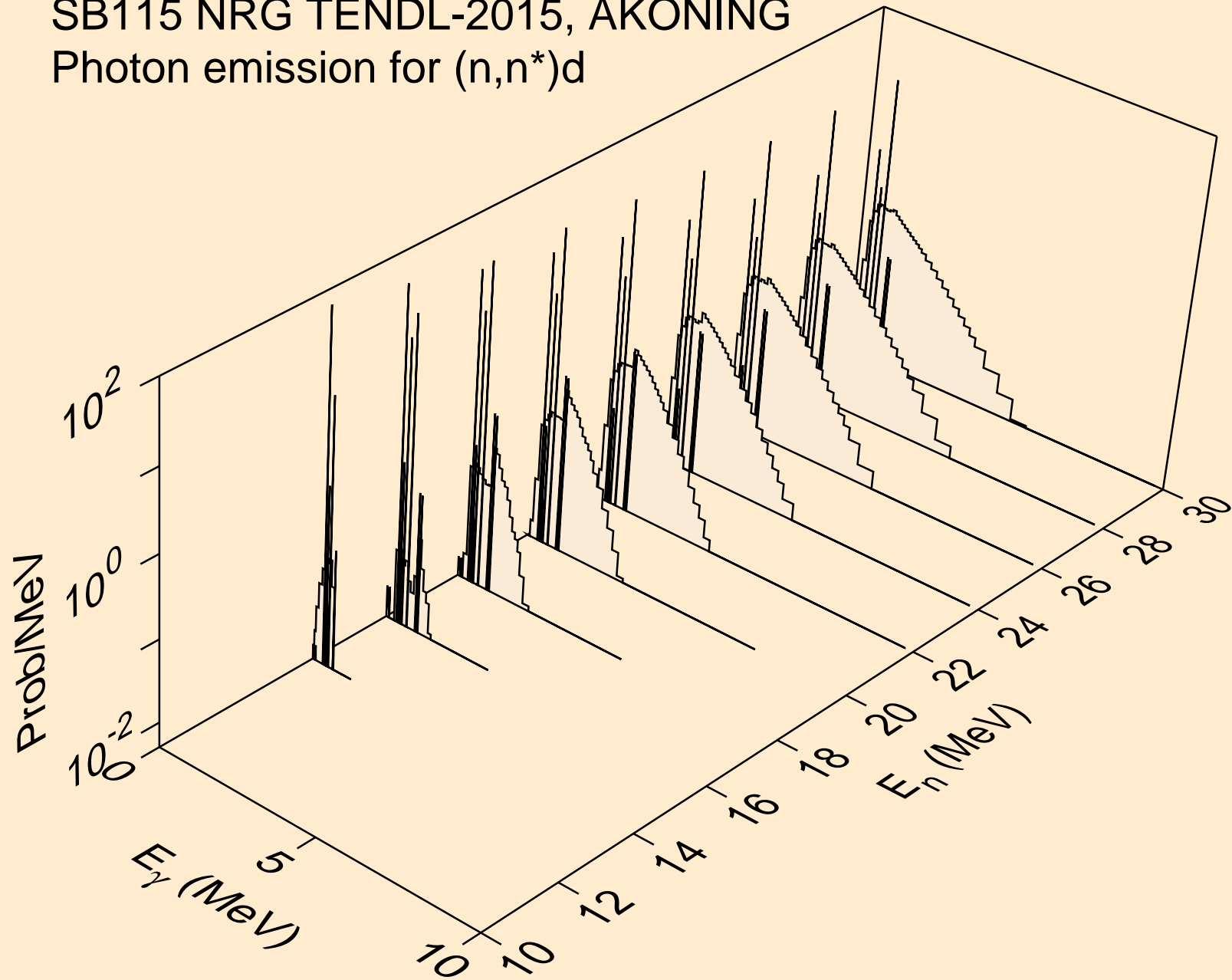
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



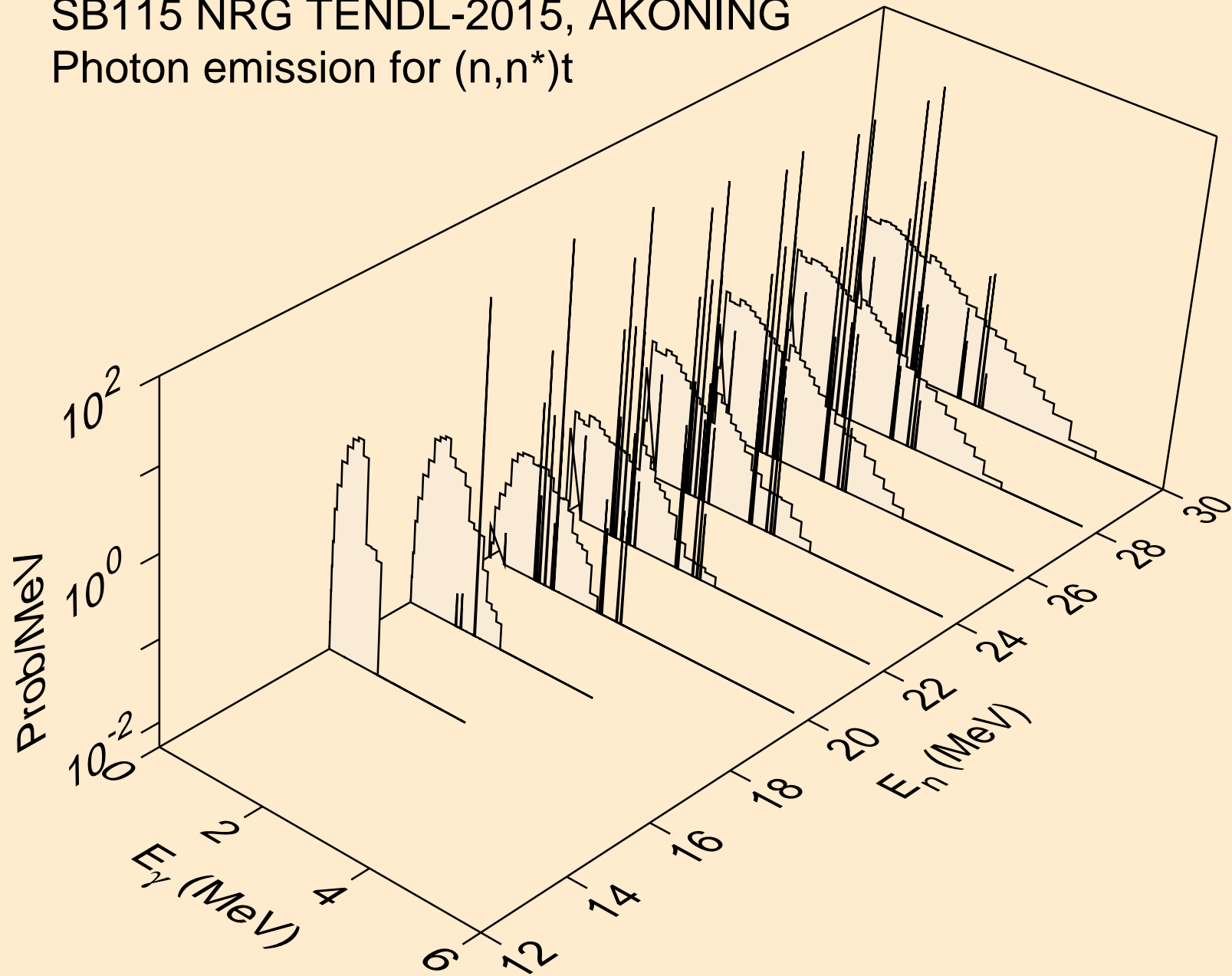
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



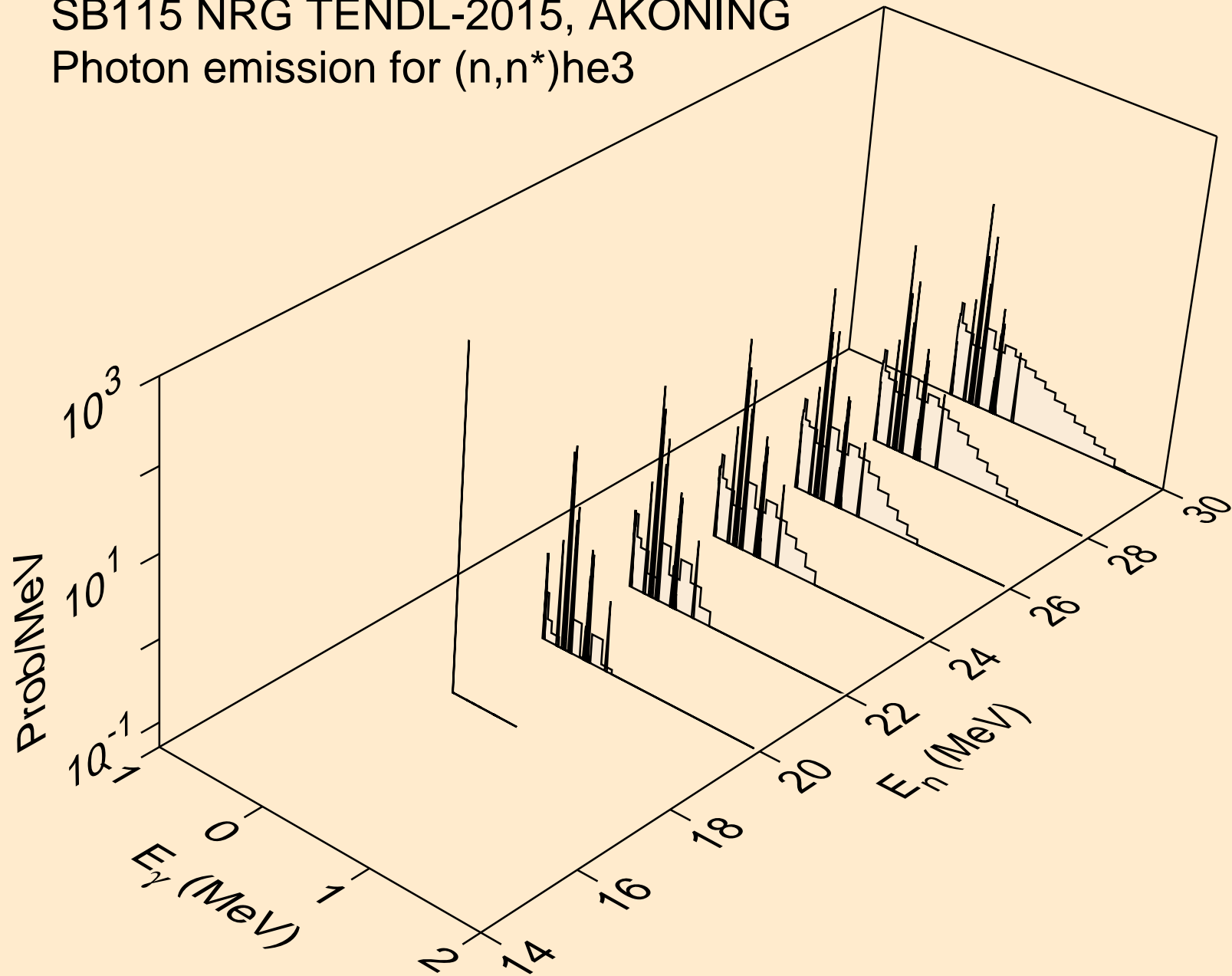
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



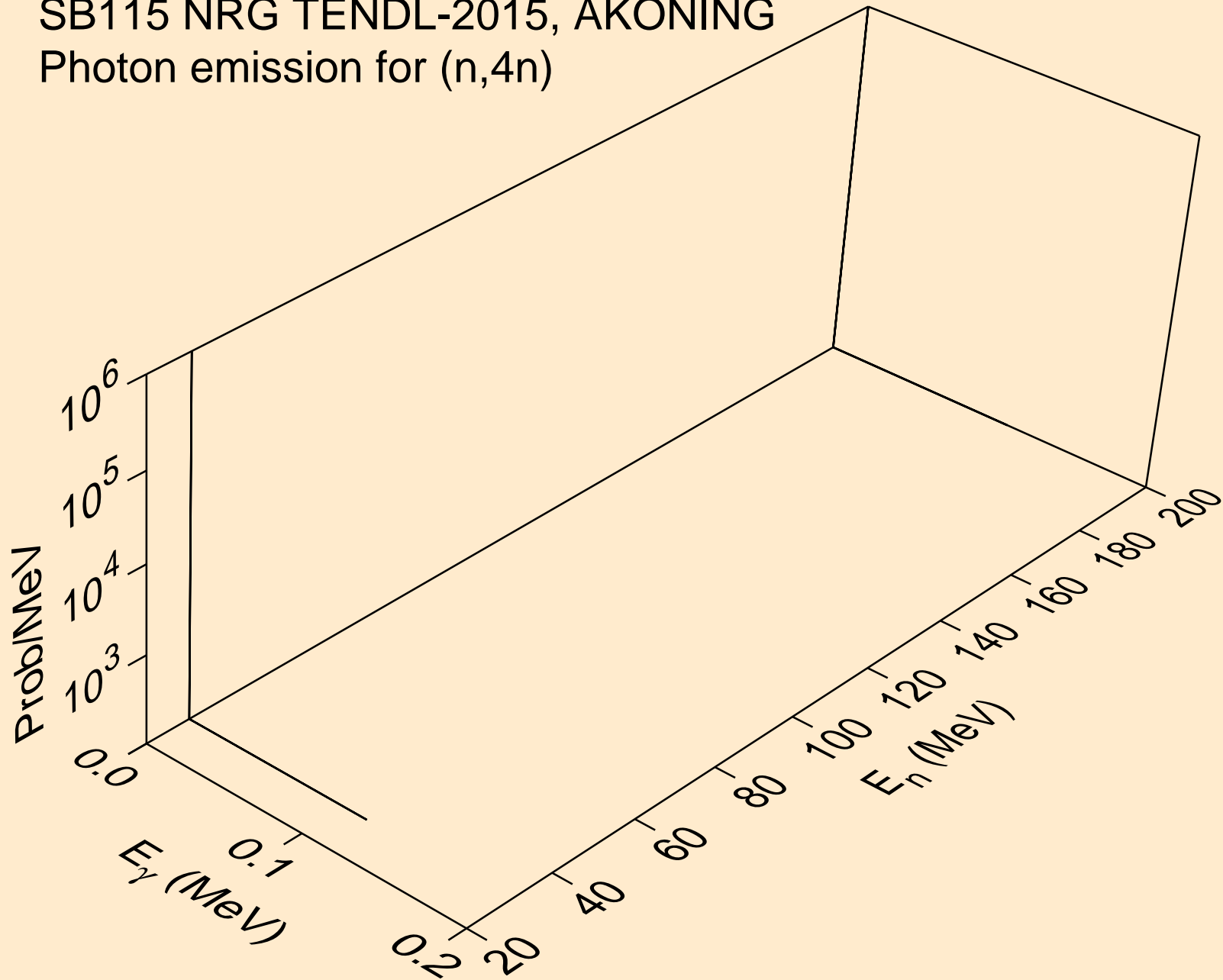
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

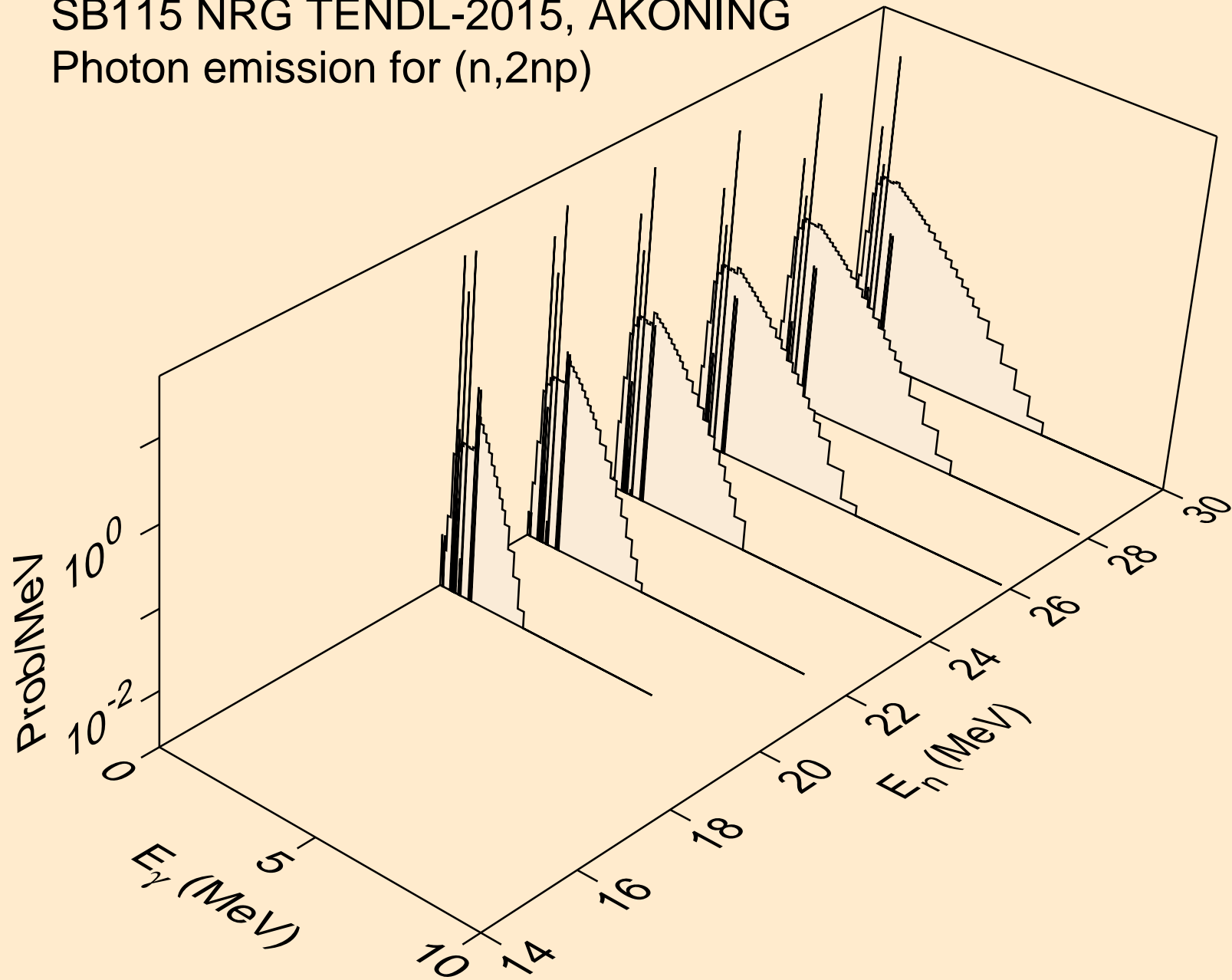


SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

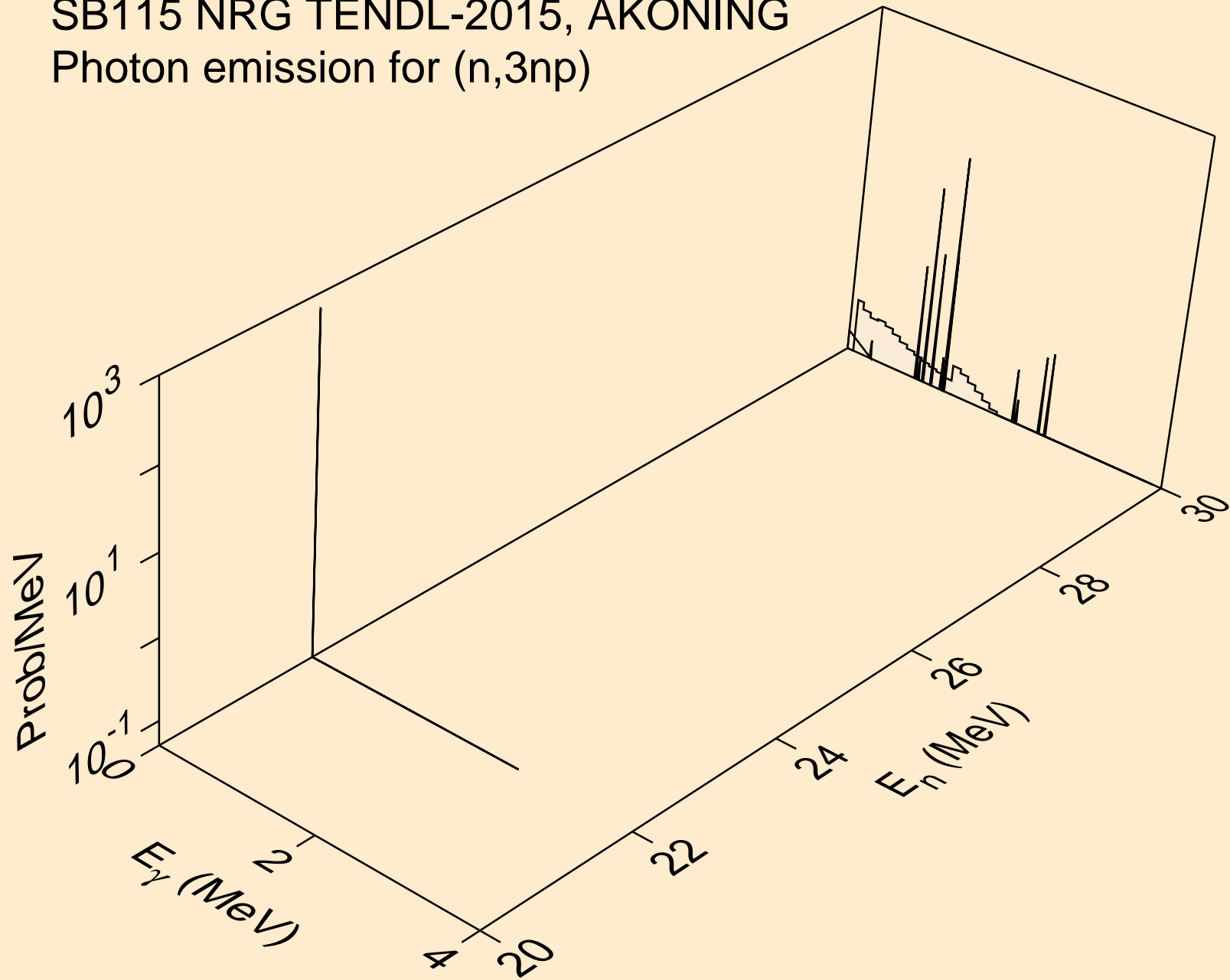




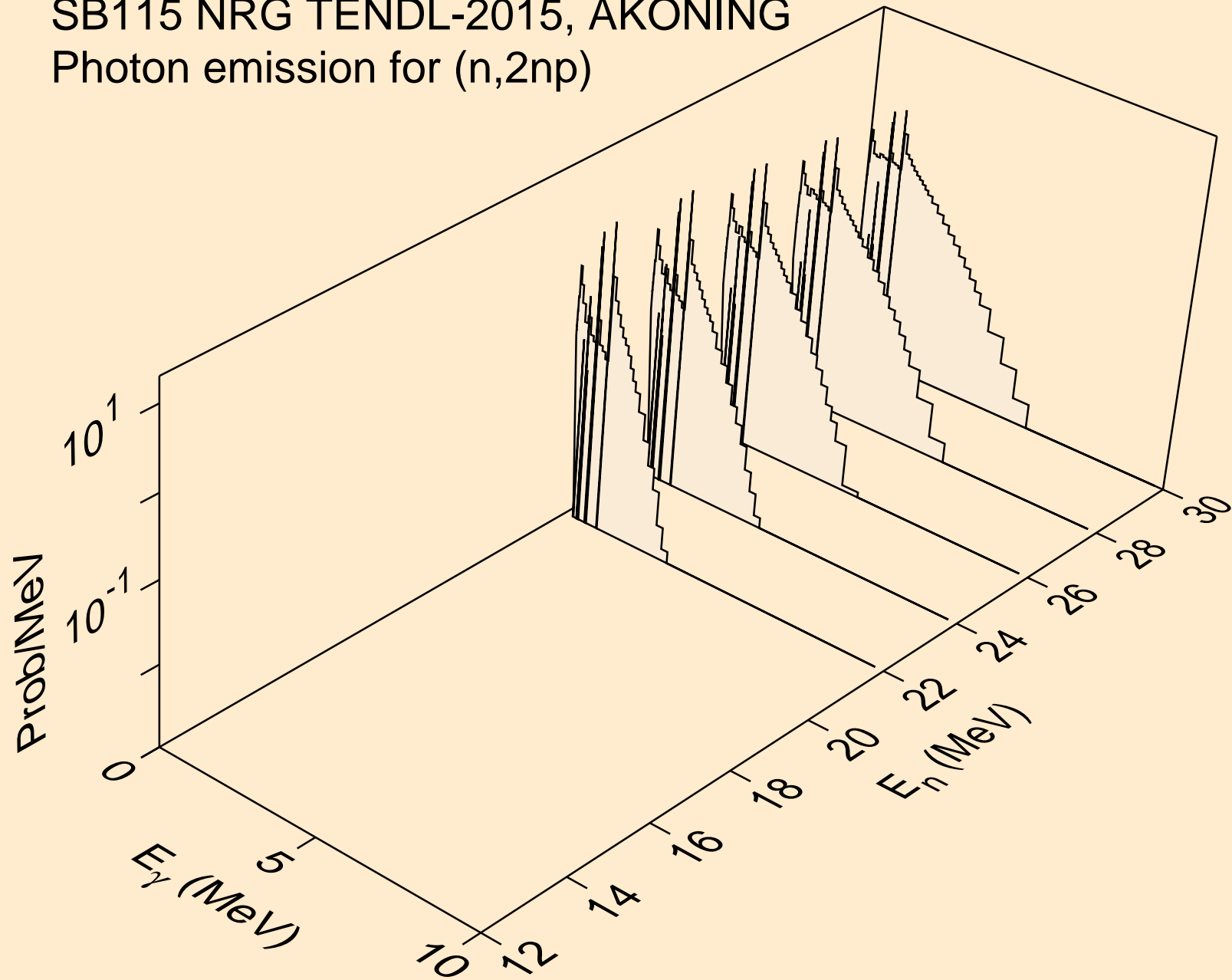
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



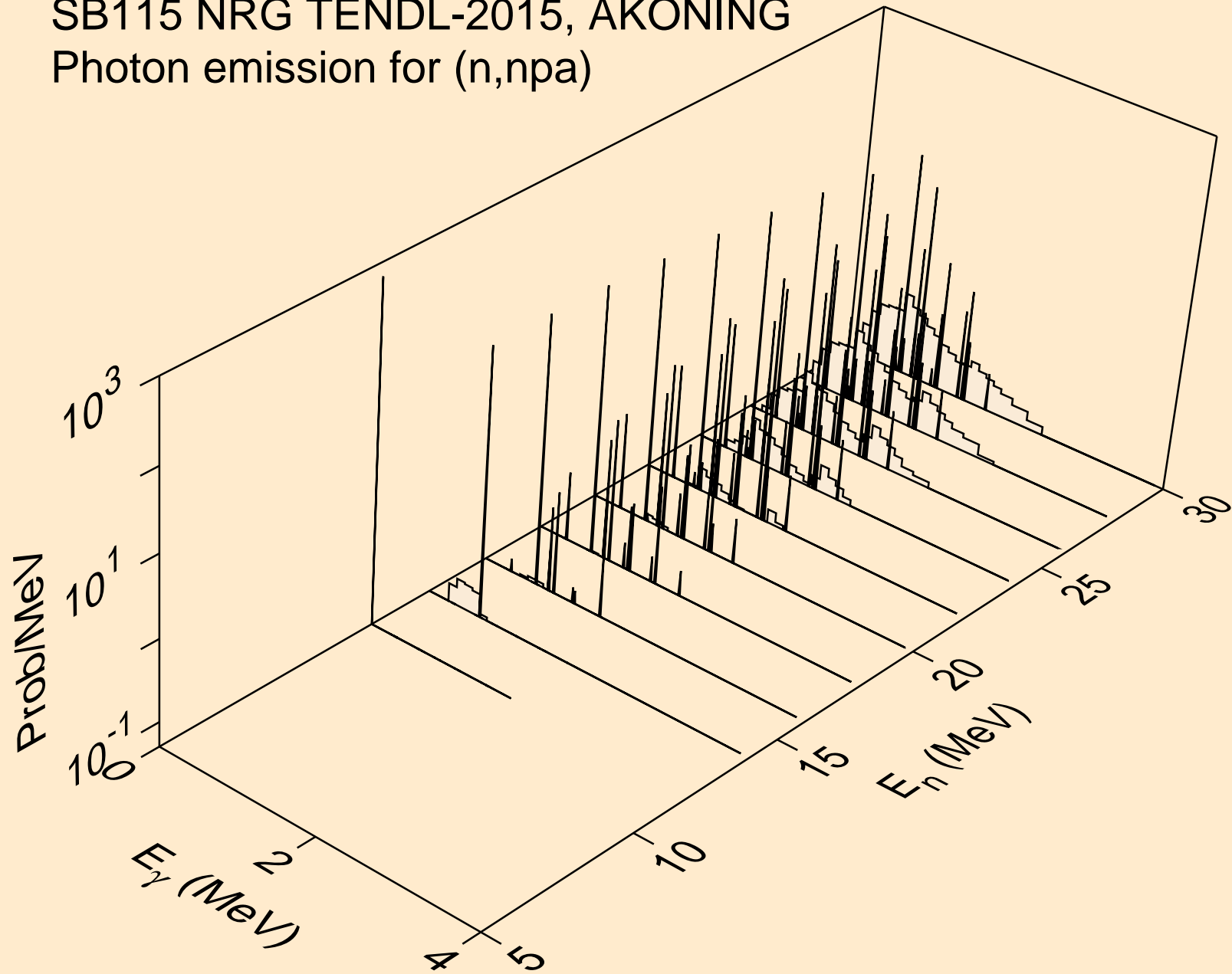
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



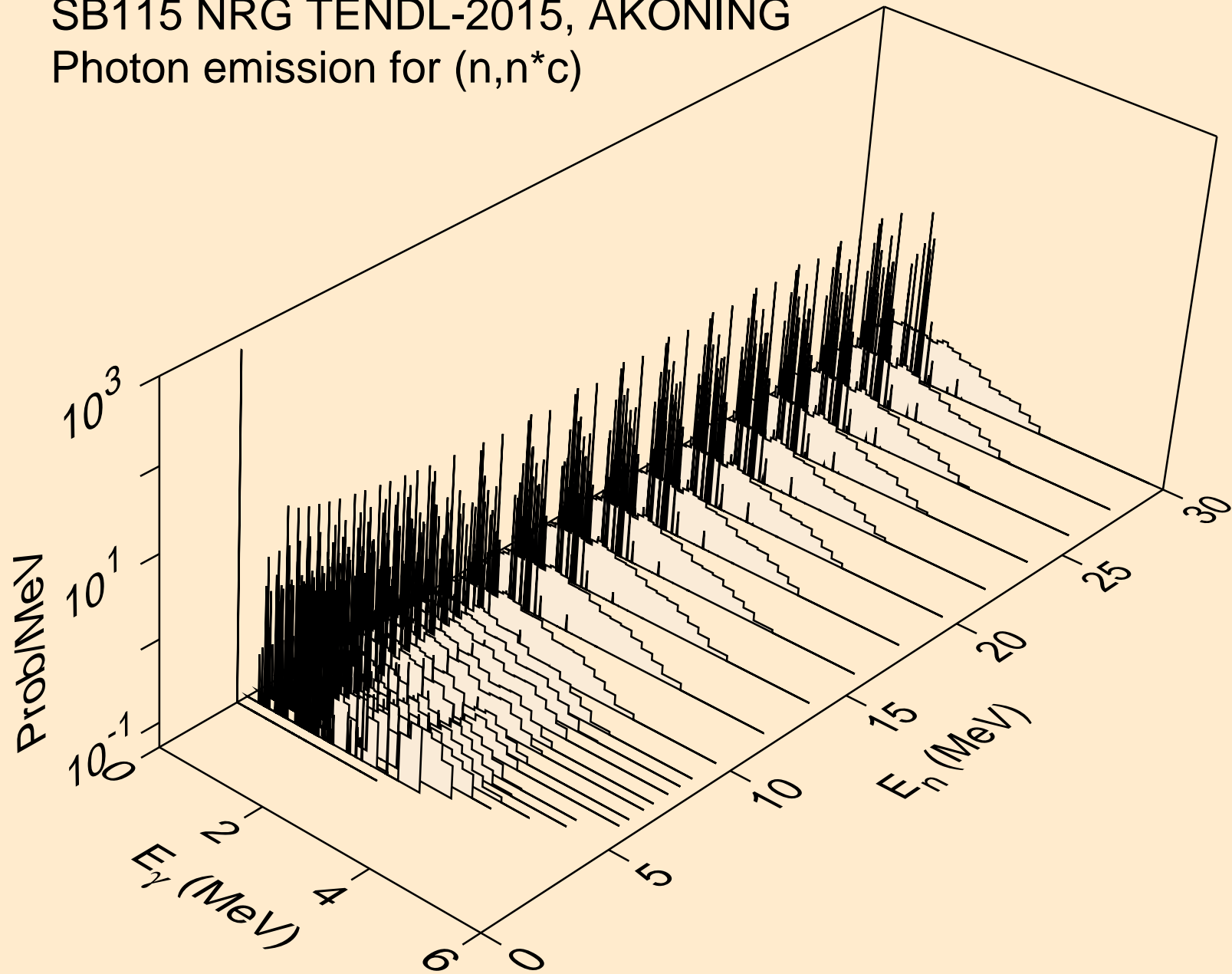
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



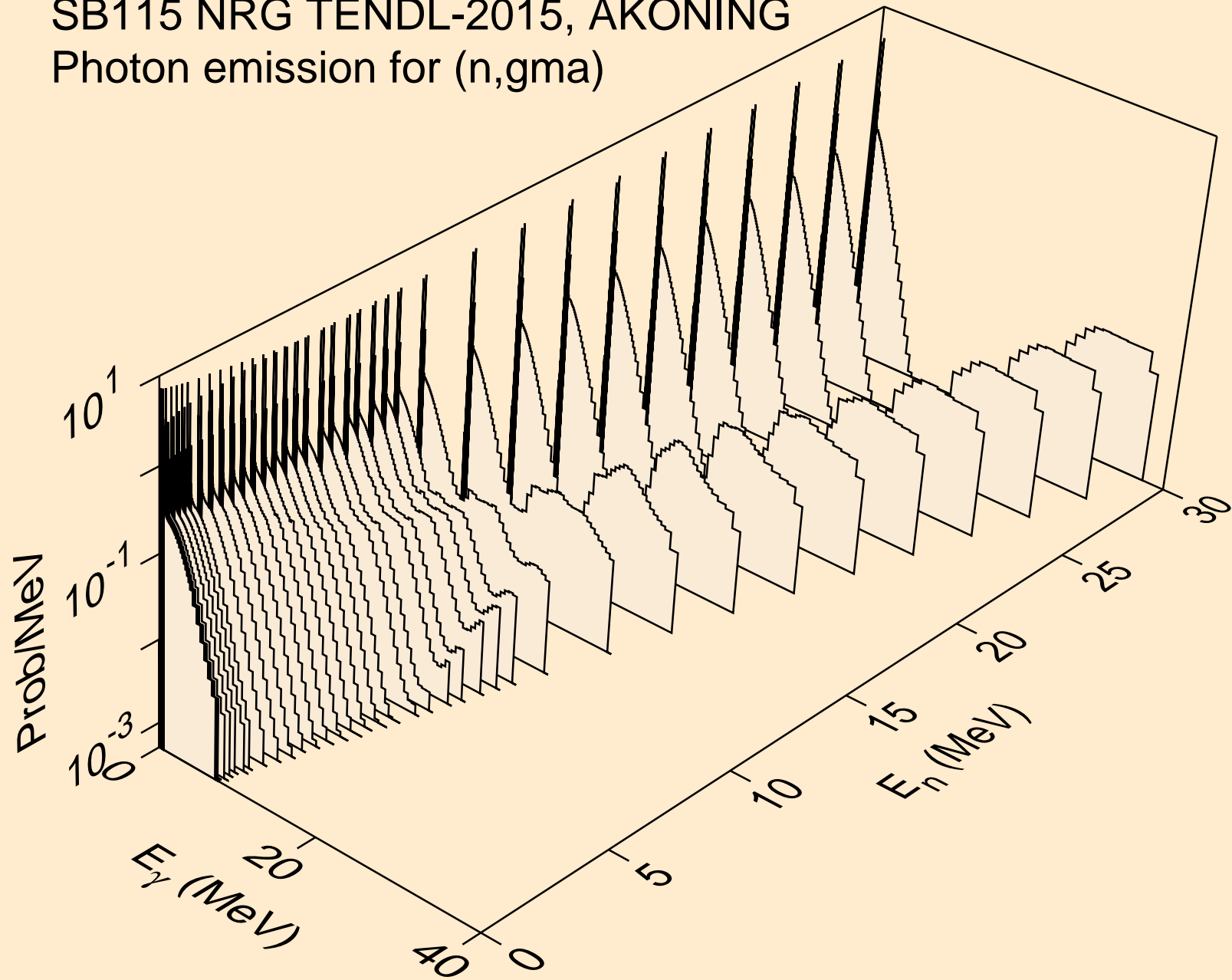
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



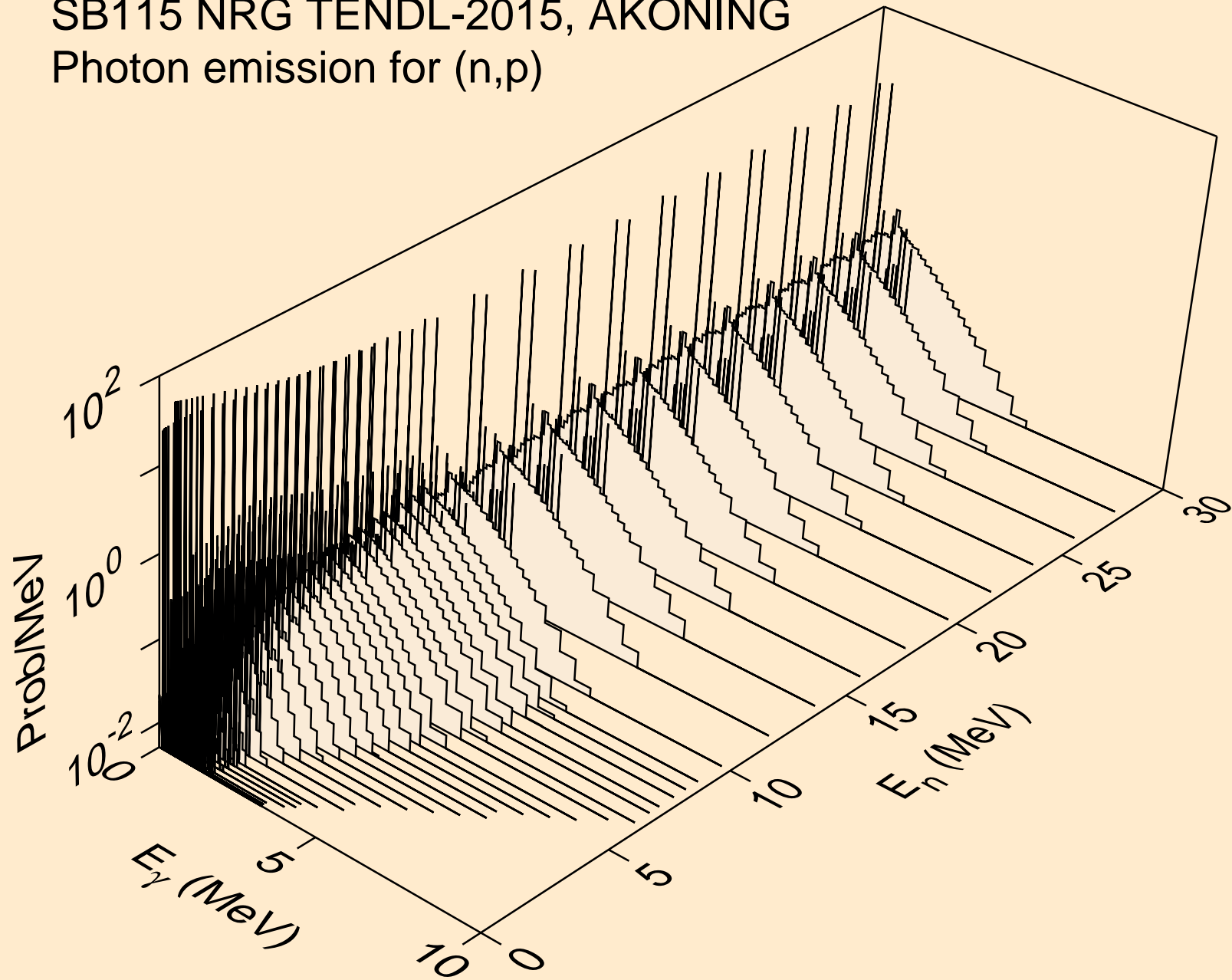
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



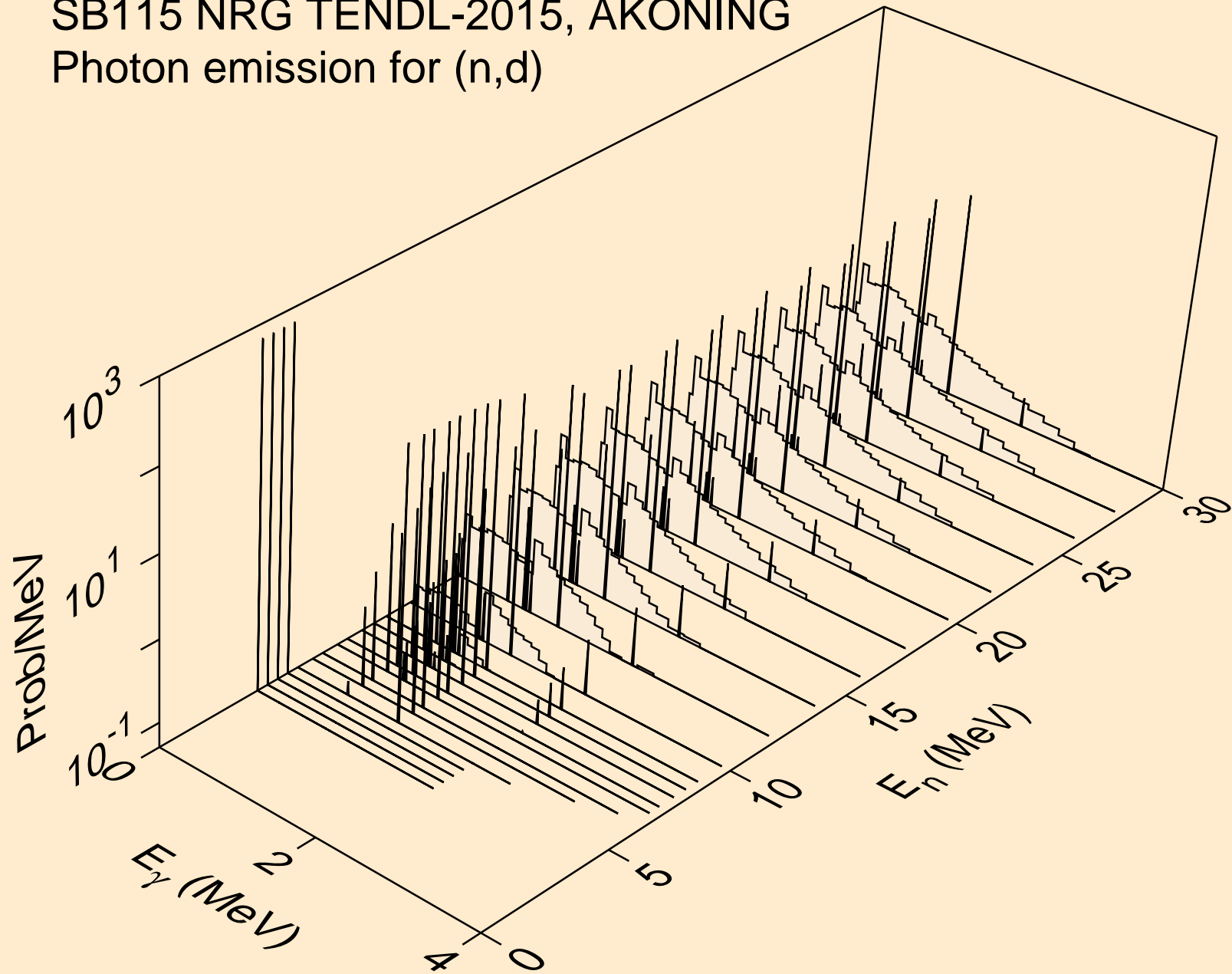
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

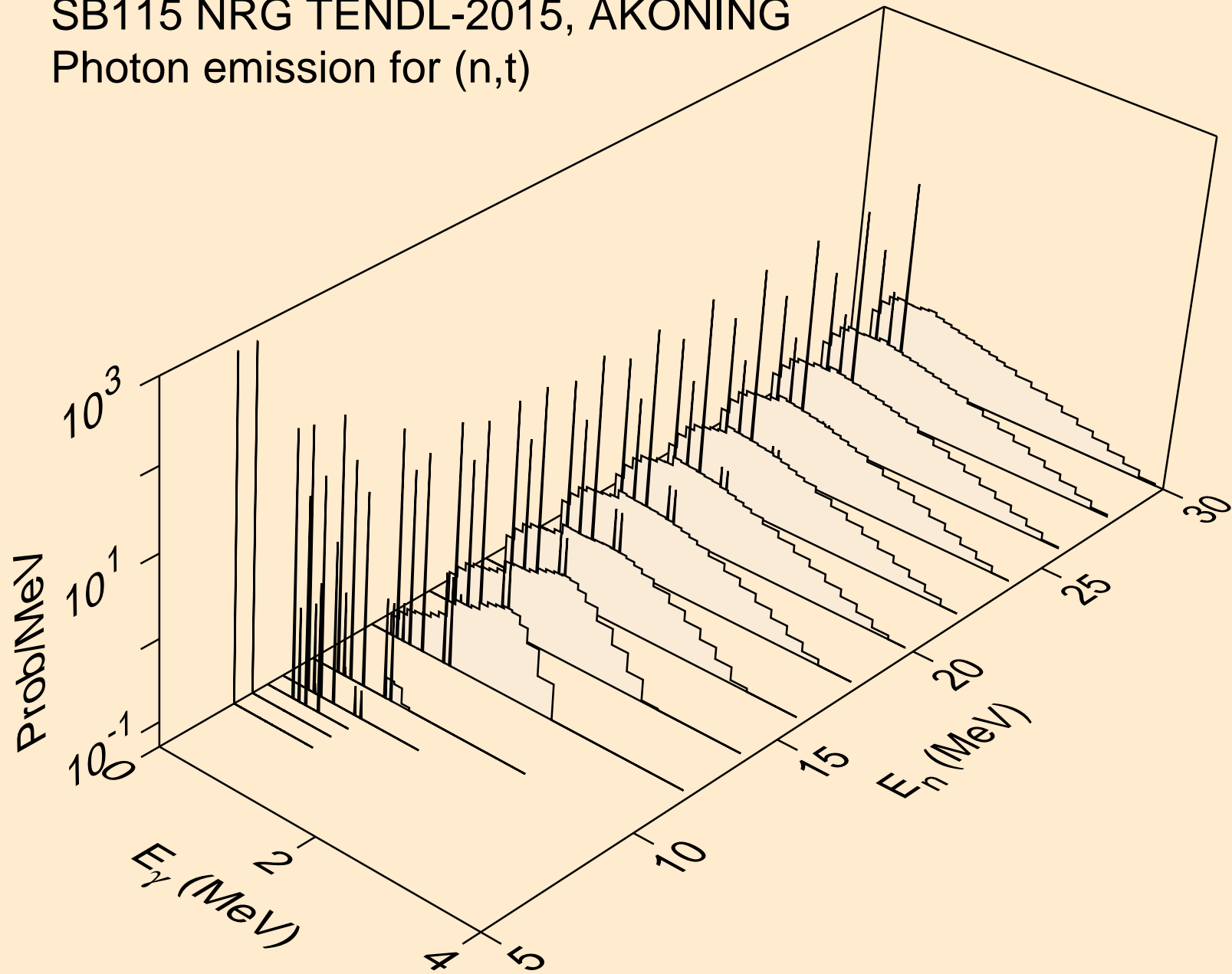


SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

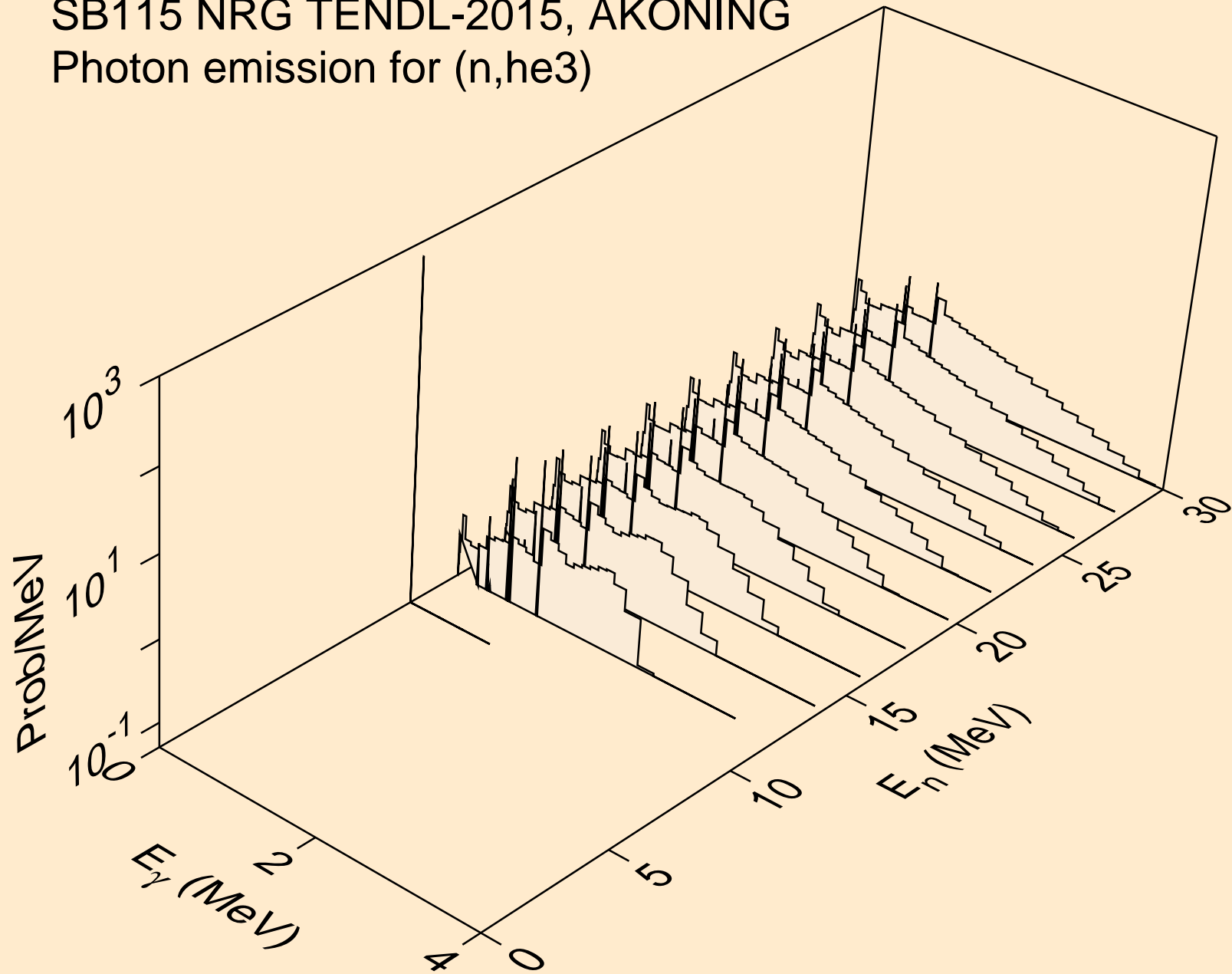




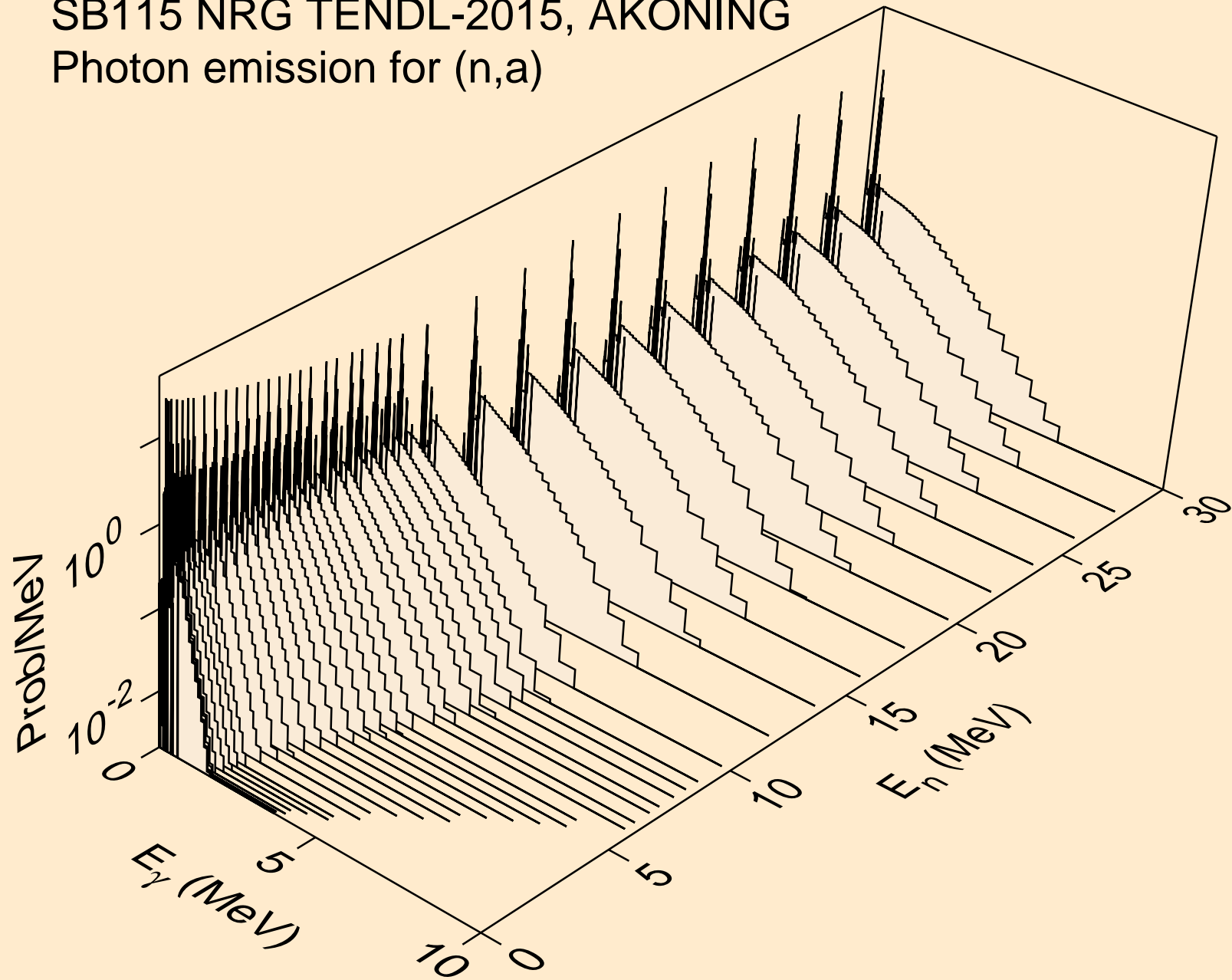
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



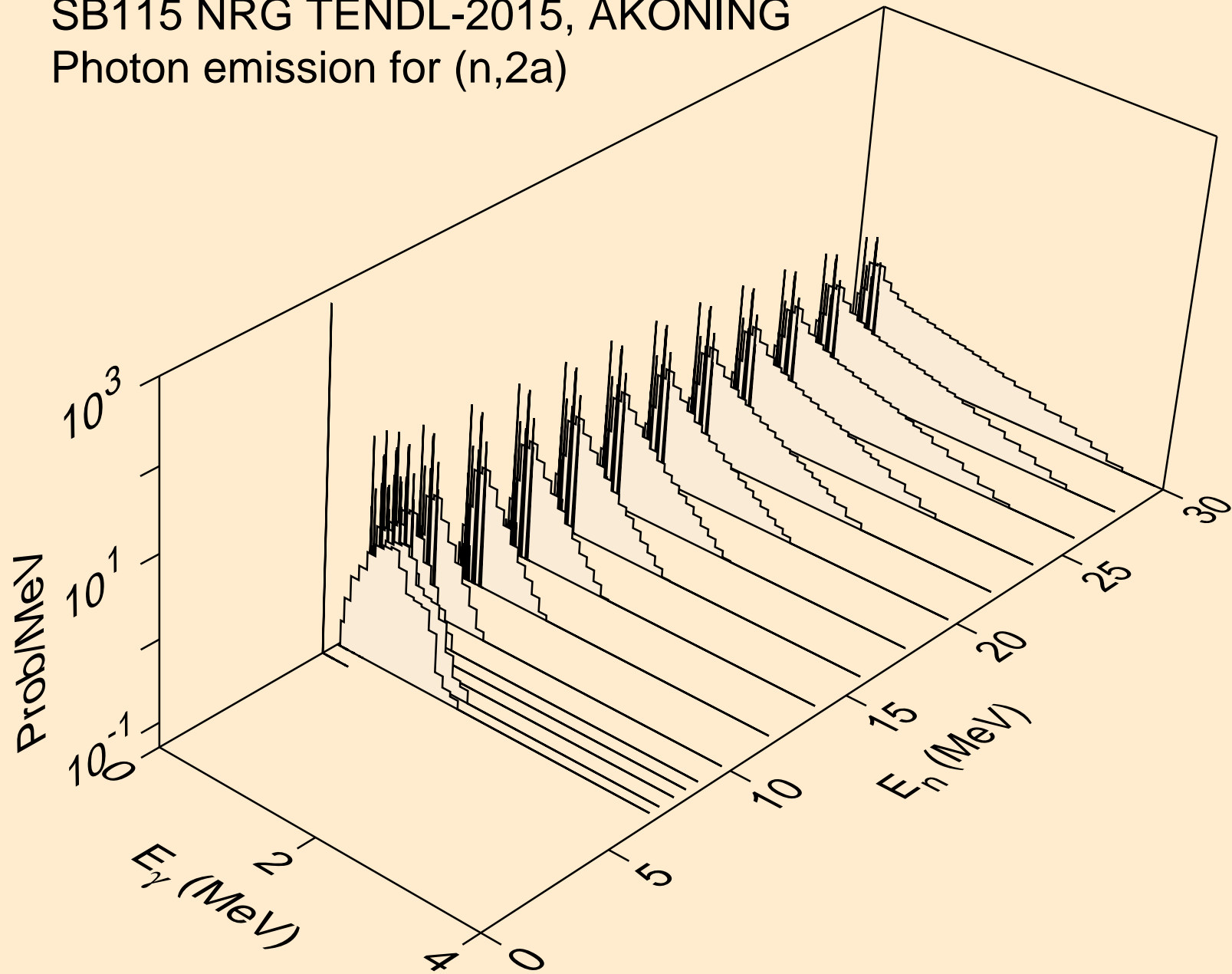
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



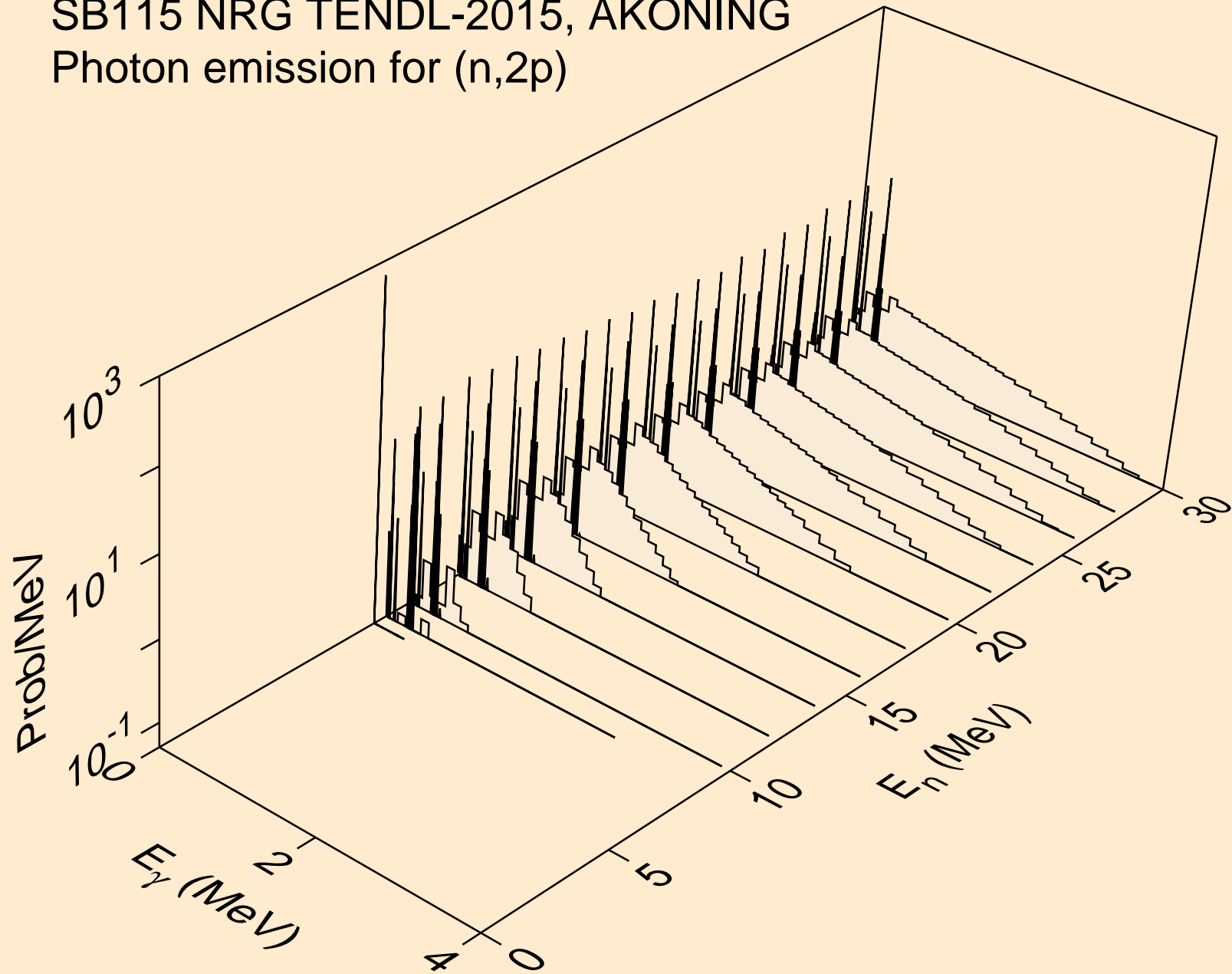
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



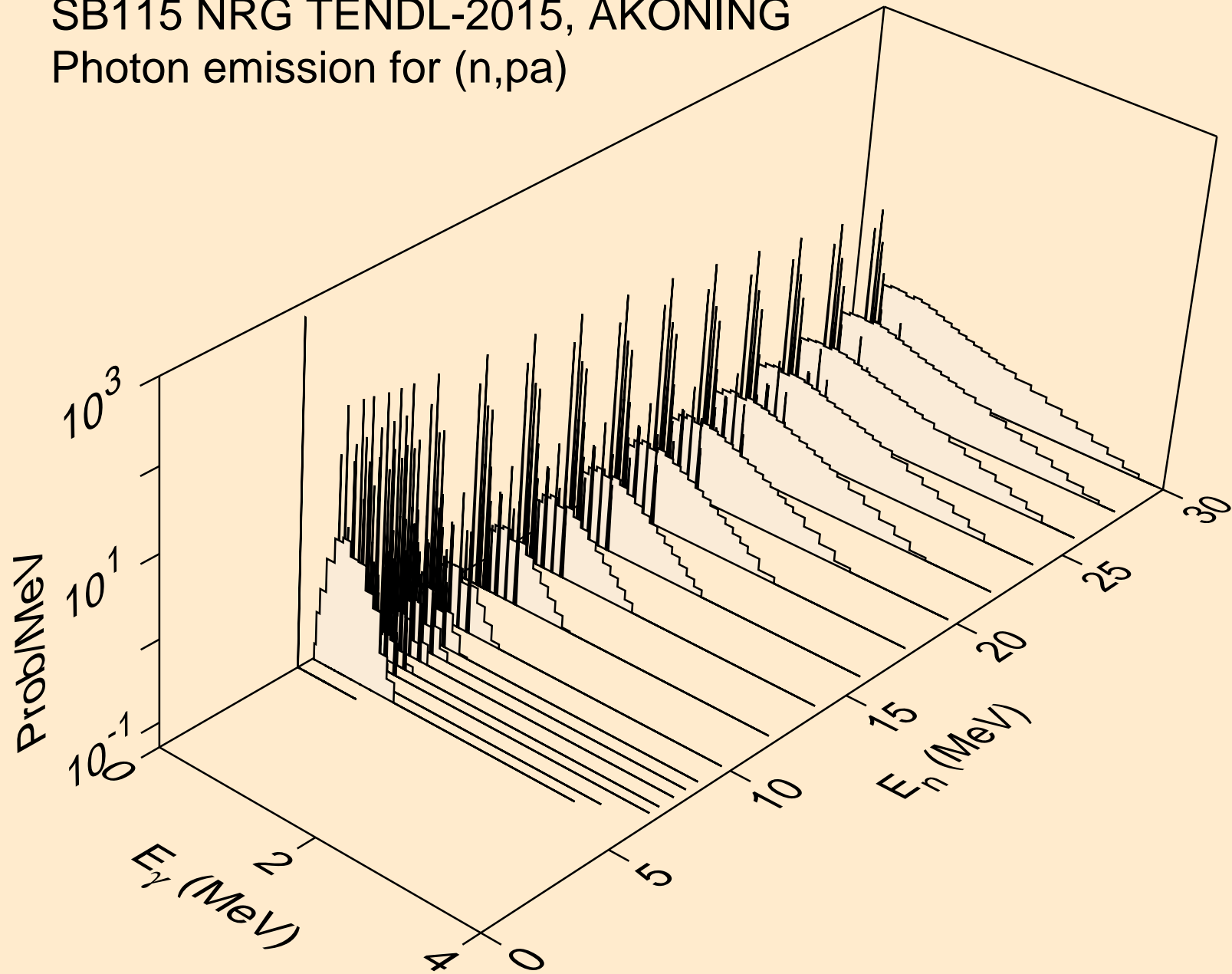
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



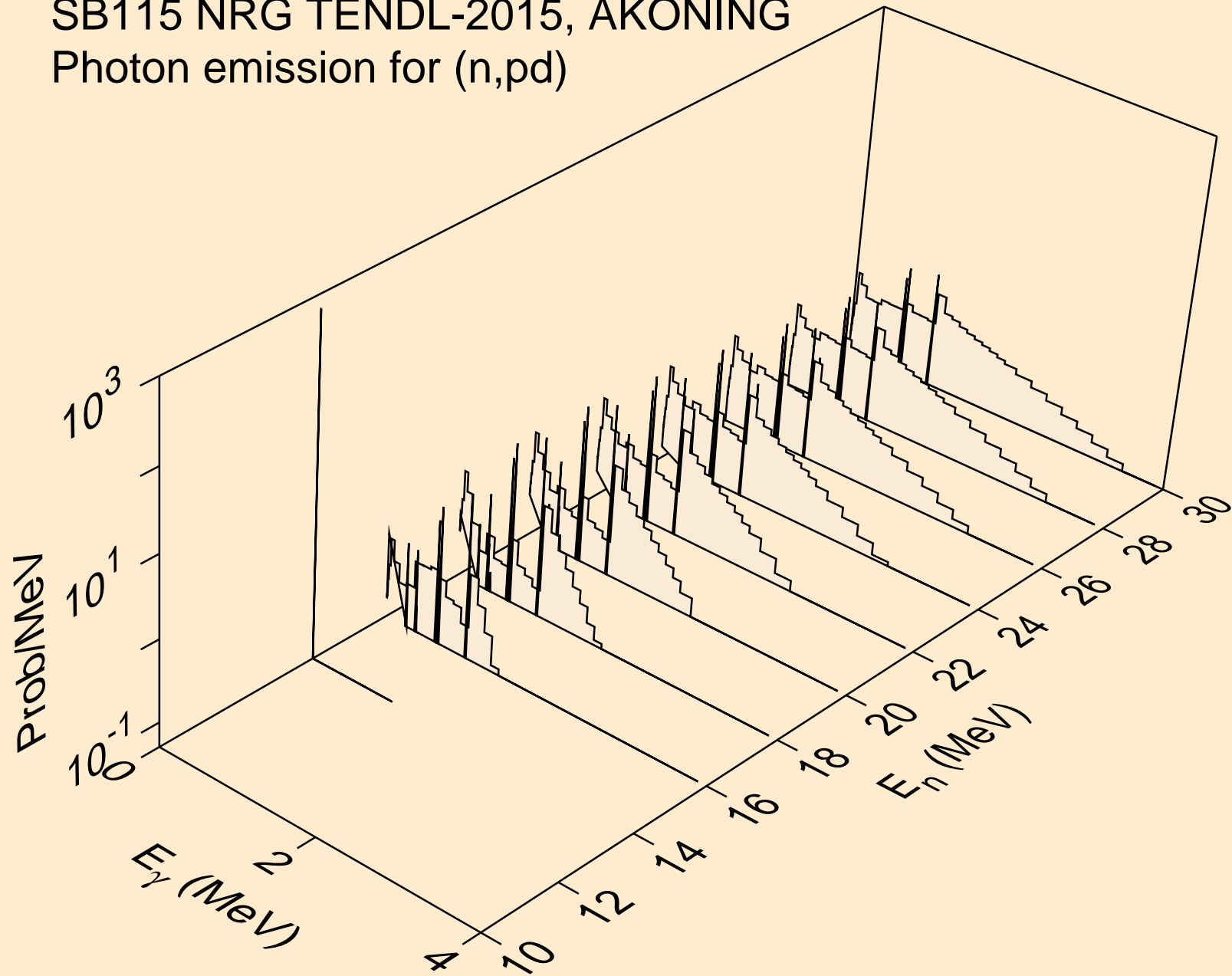
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



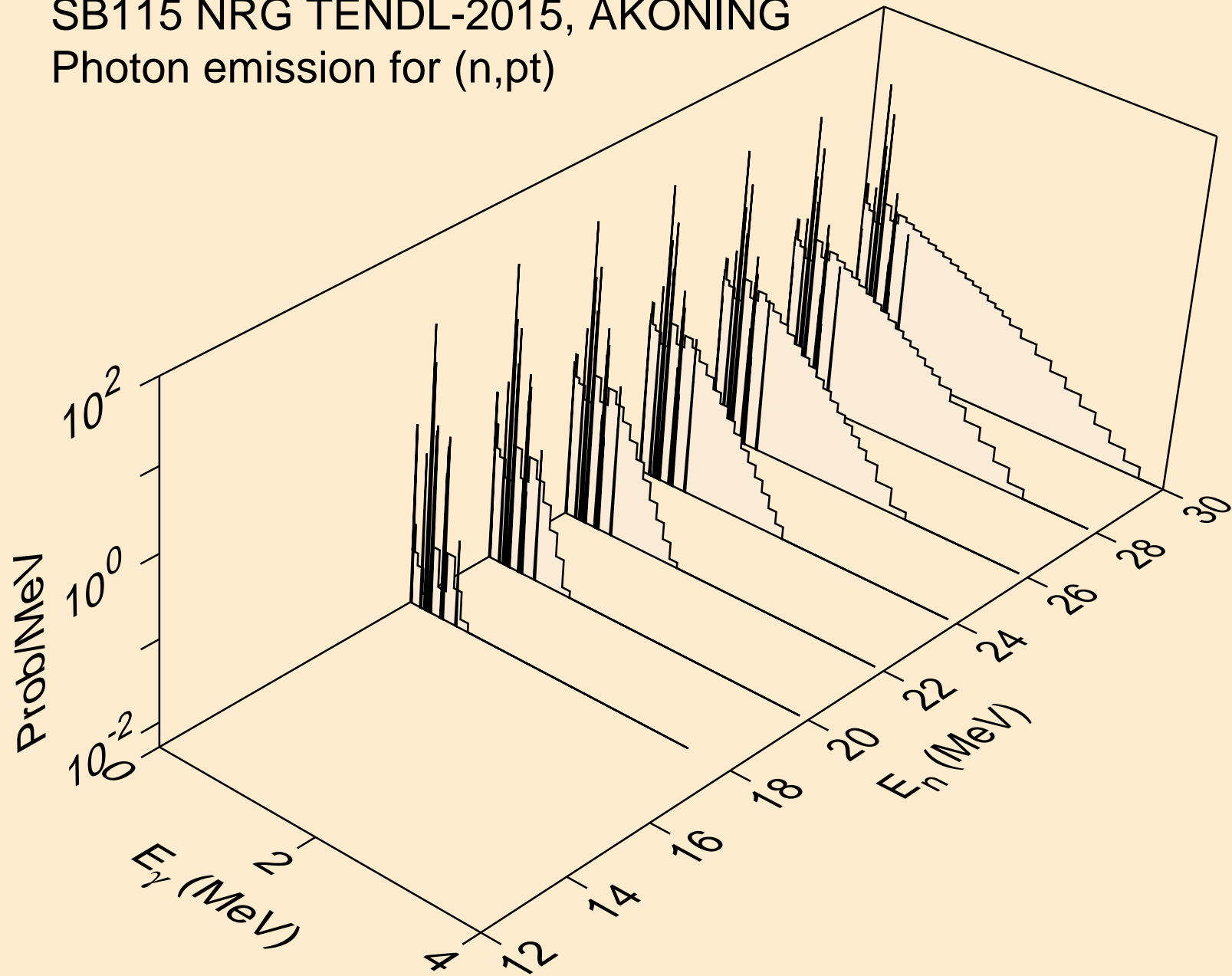
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

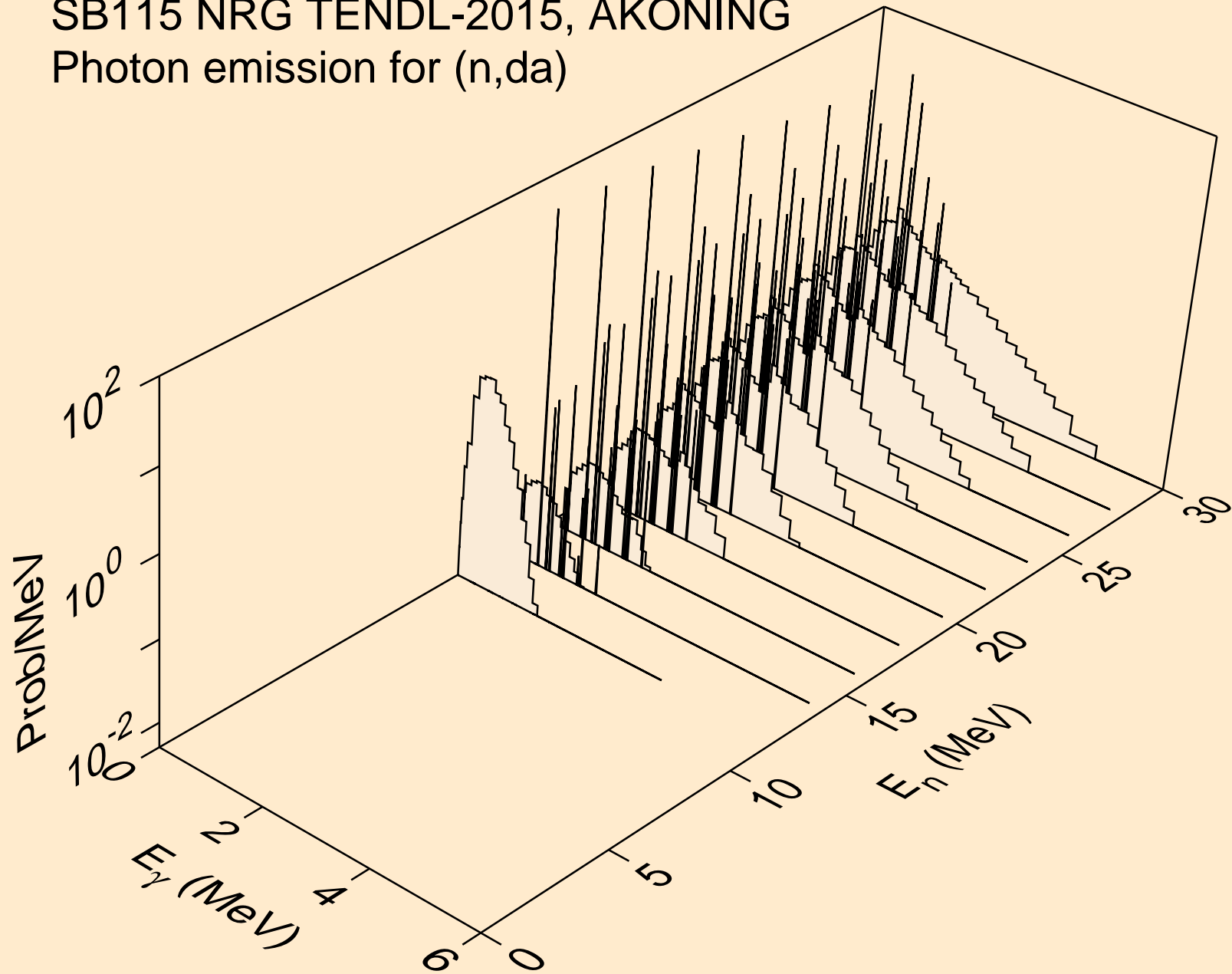


SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

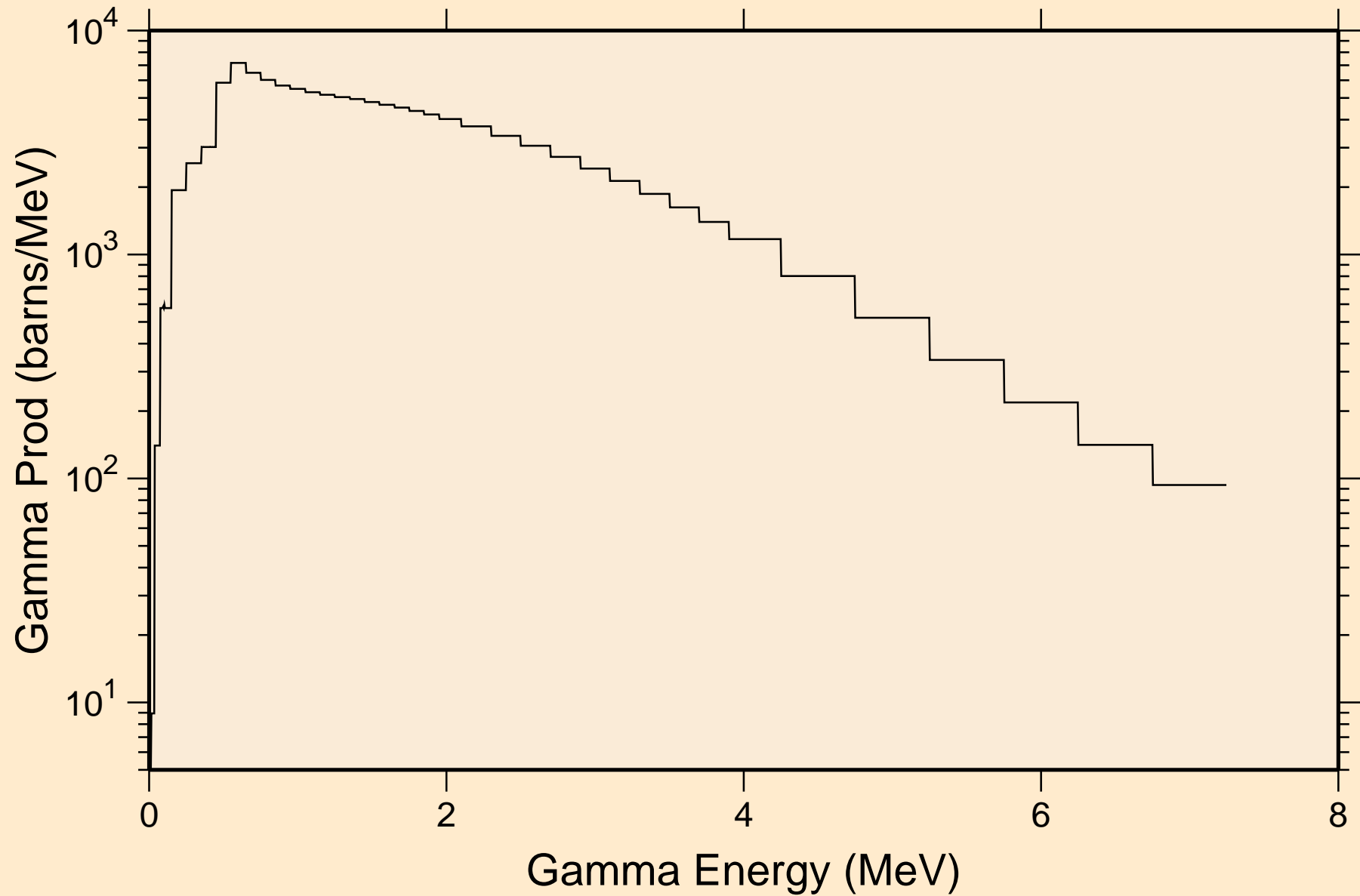




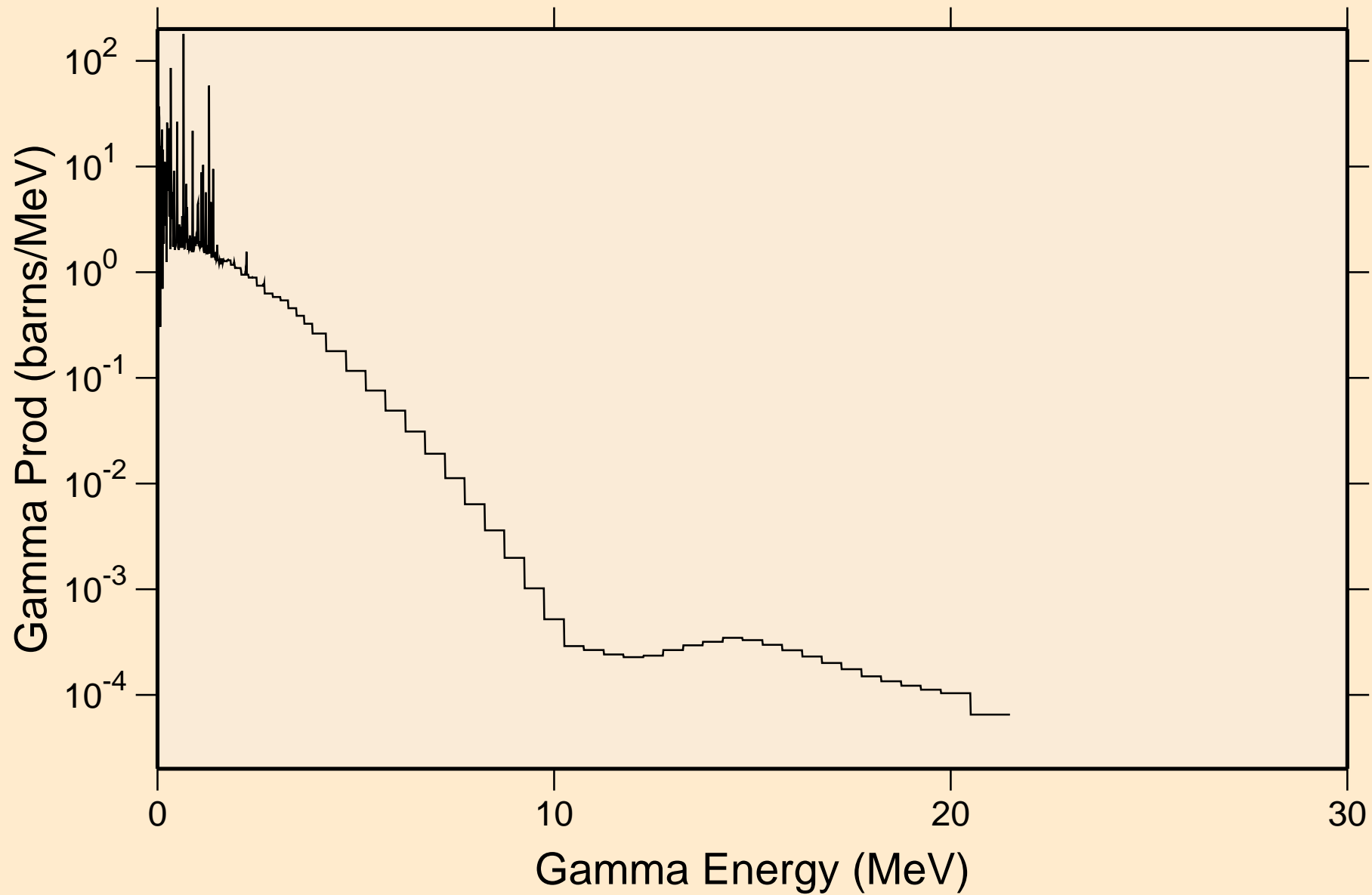
SB115 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SB115 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

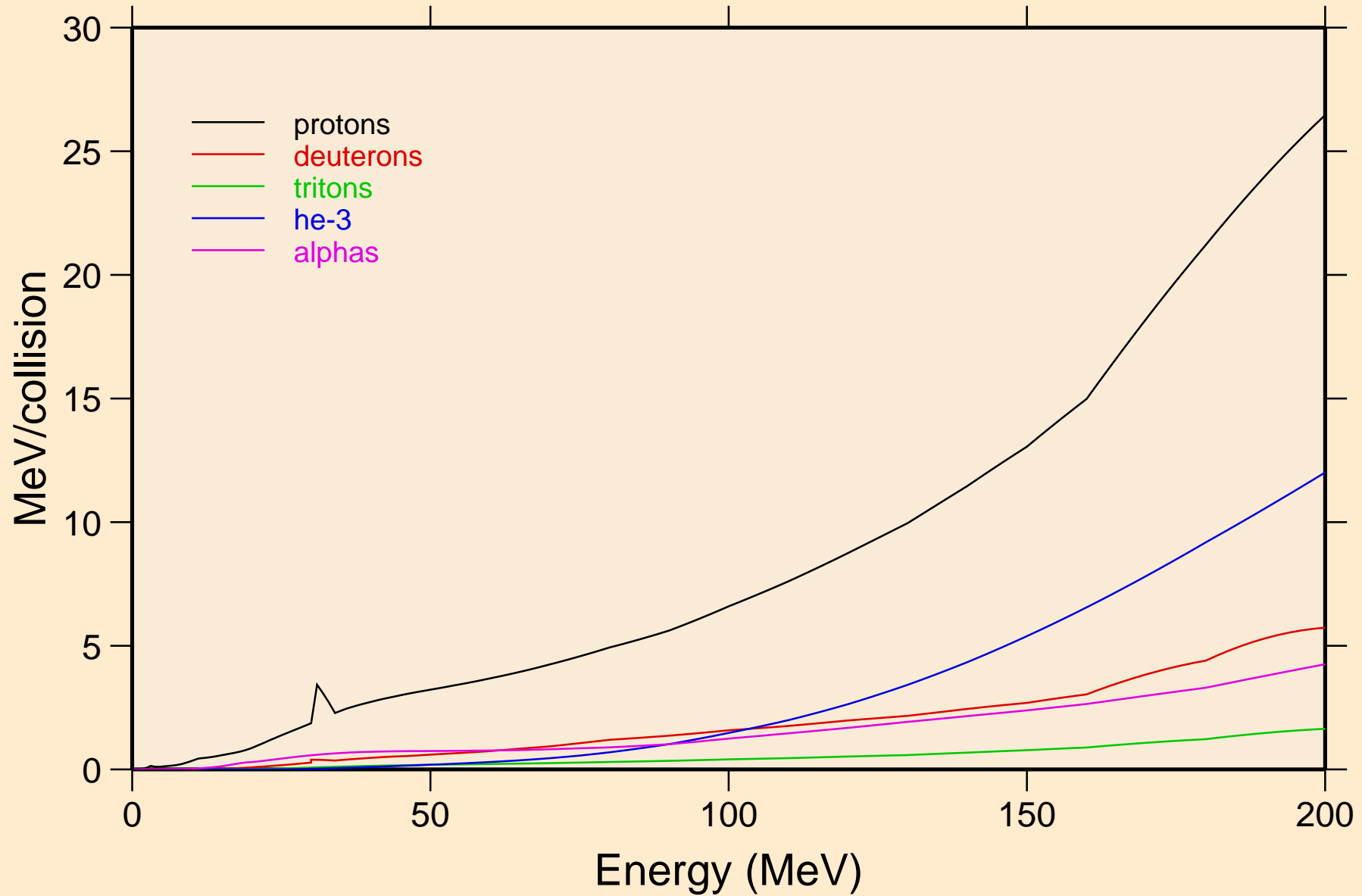


SB115 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



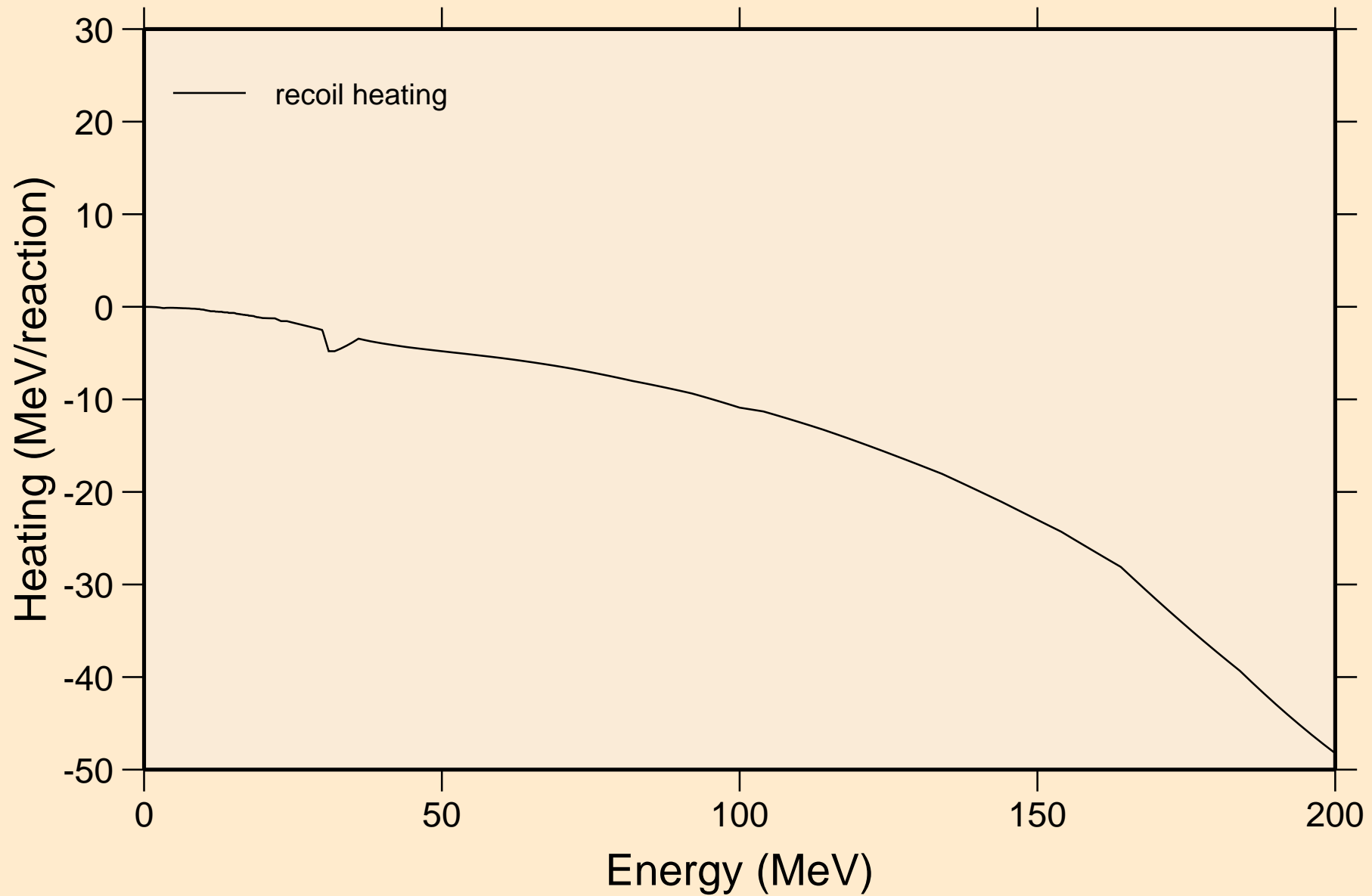
# SB115 NRG TENDL-2015, AKONING

## Particle heating contributions



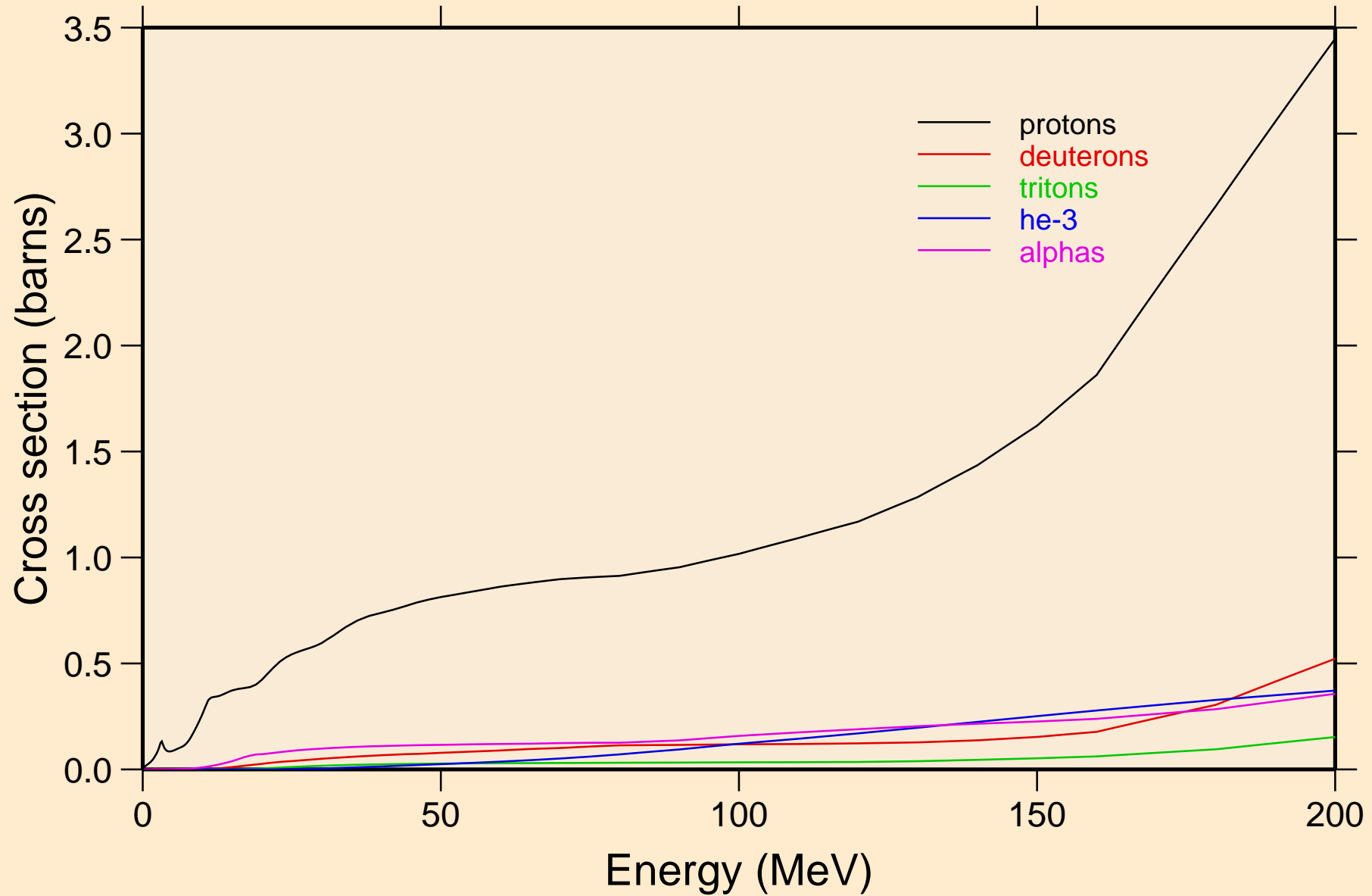
# SB115 NRG TENDL-2015, AKONING

## Recoil Heating

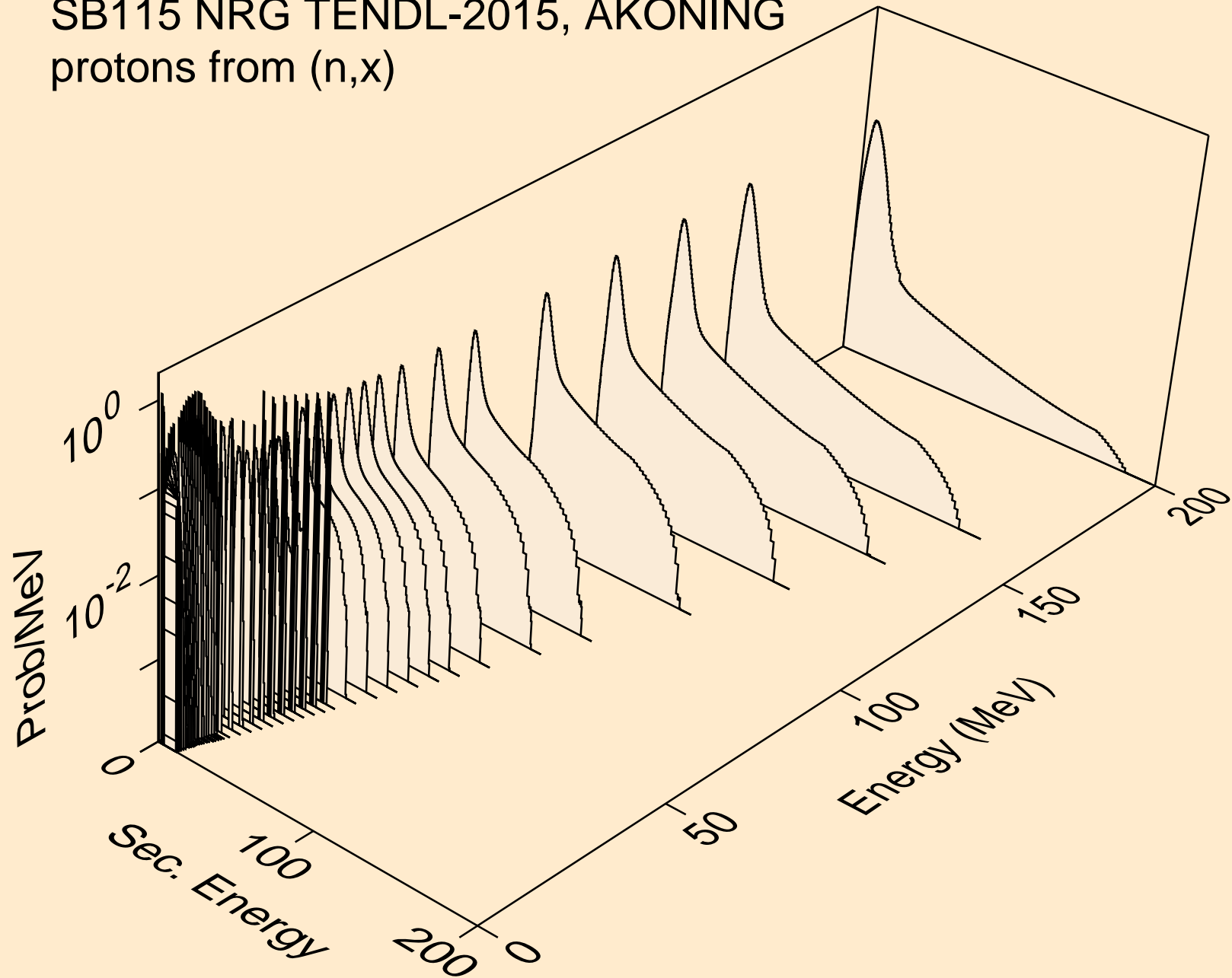


# SB115 NRG TENDL-2015, AKONING

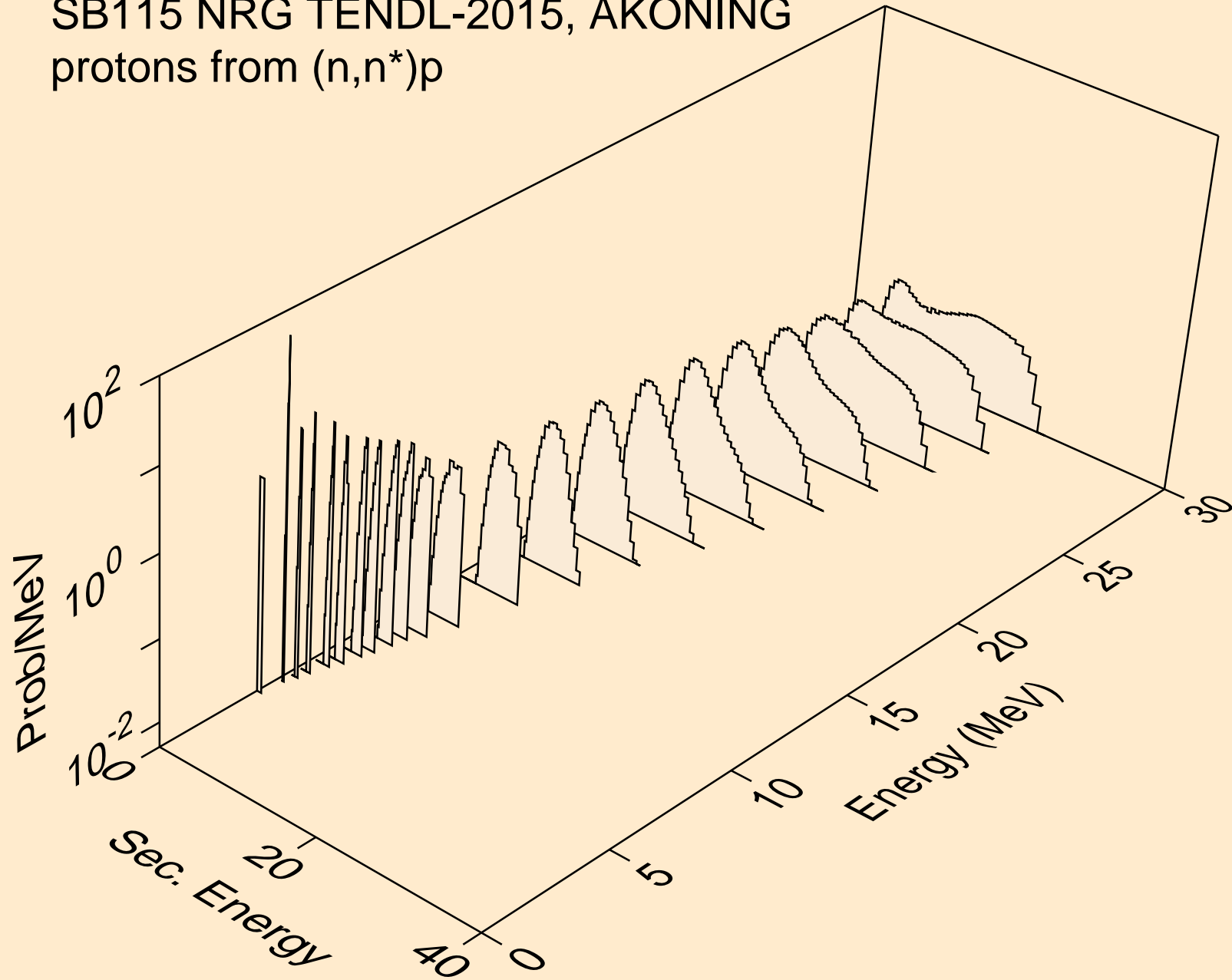
## Particle production cross sections



SB115 NRG TENDL-2015, AKONING  
protons from (n,x)

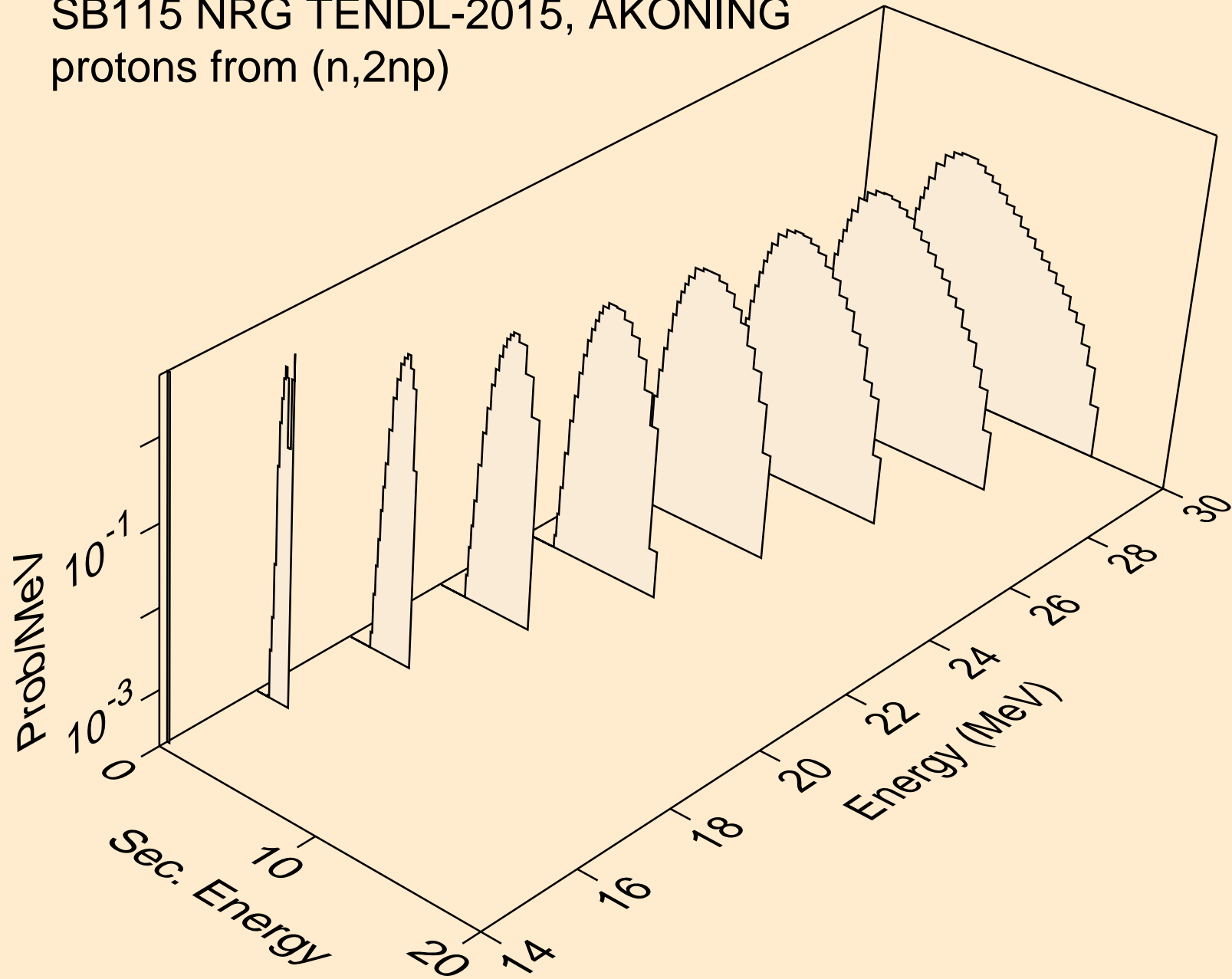


SB115 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

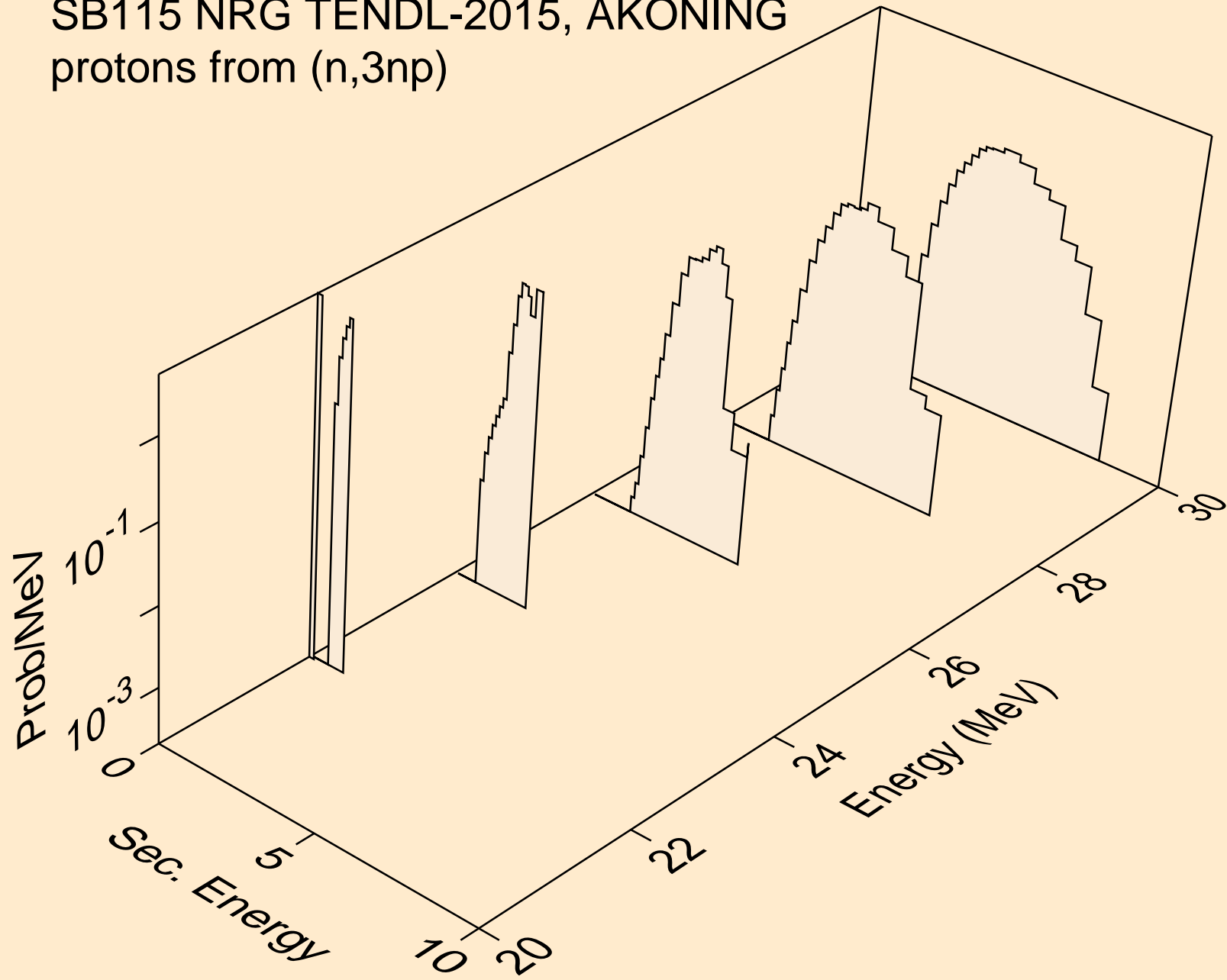




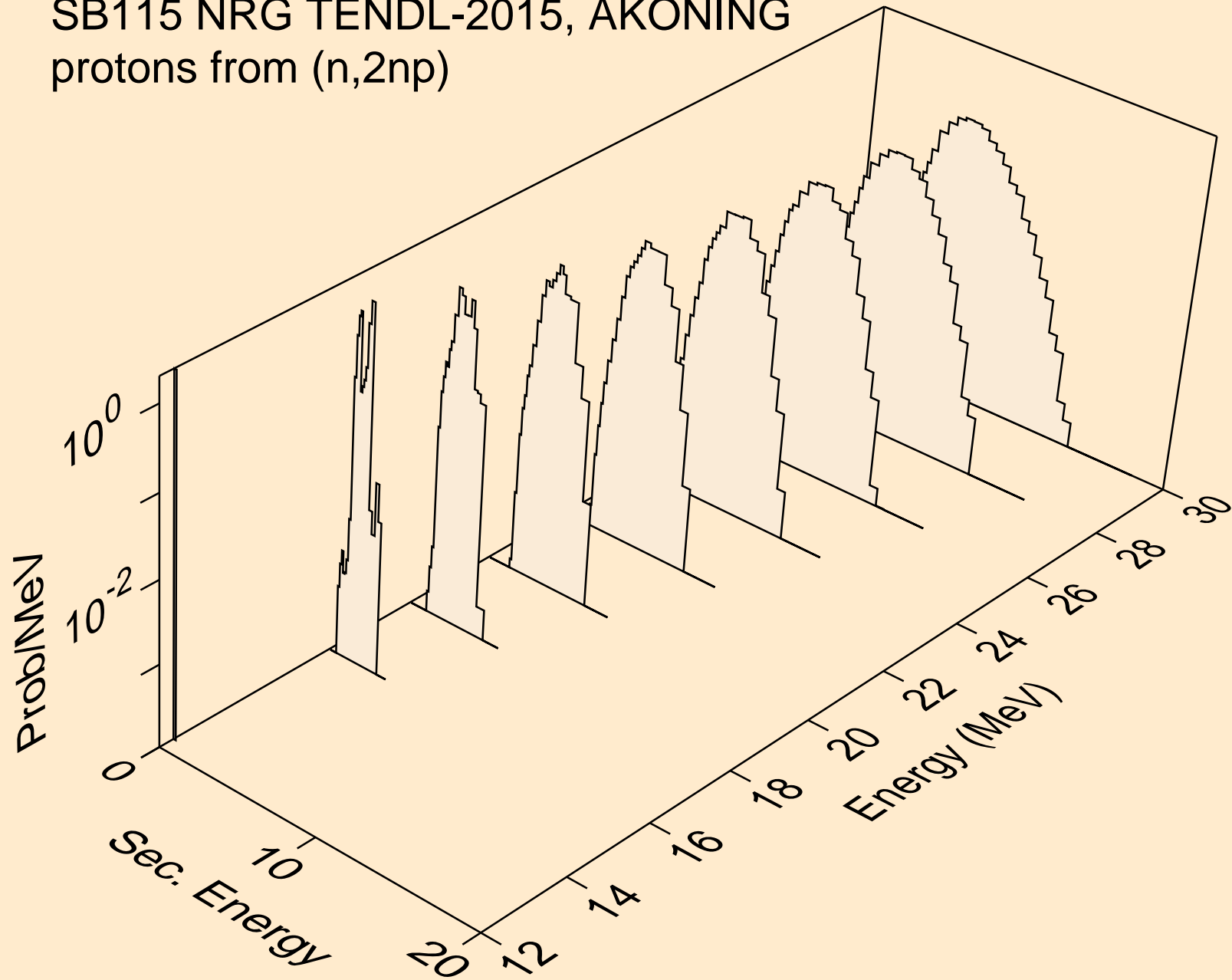
SB115 NRG TENDL-2015, AKONING  
protons from (n,2np)



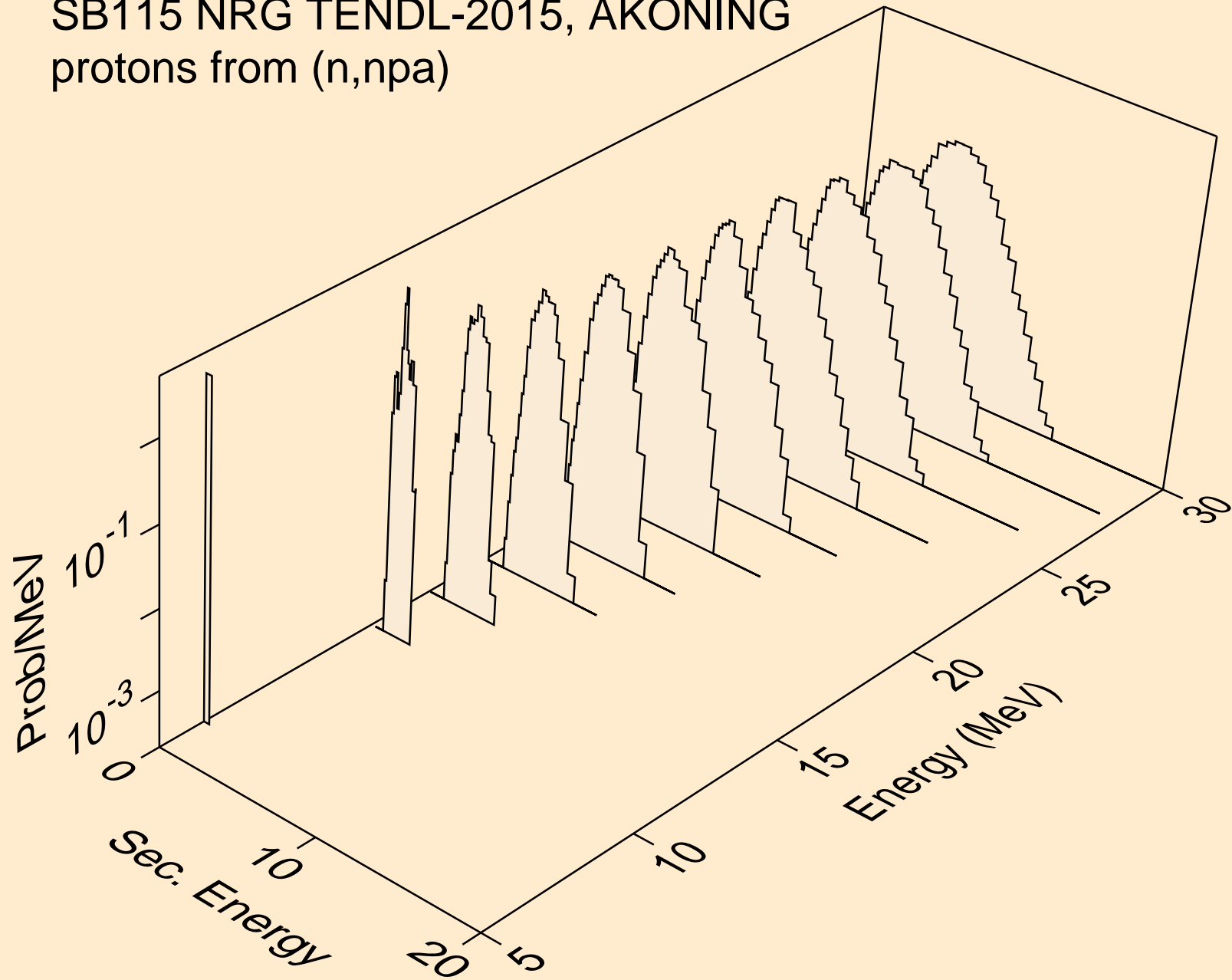
SB115 NRG TENDL-2015, AKONING  
protons from (n,3np)



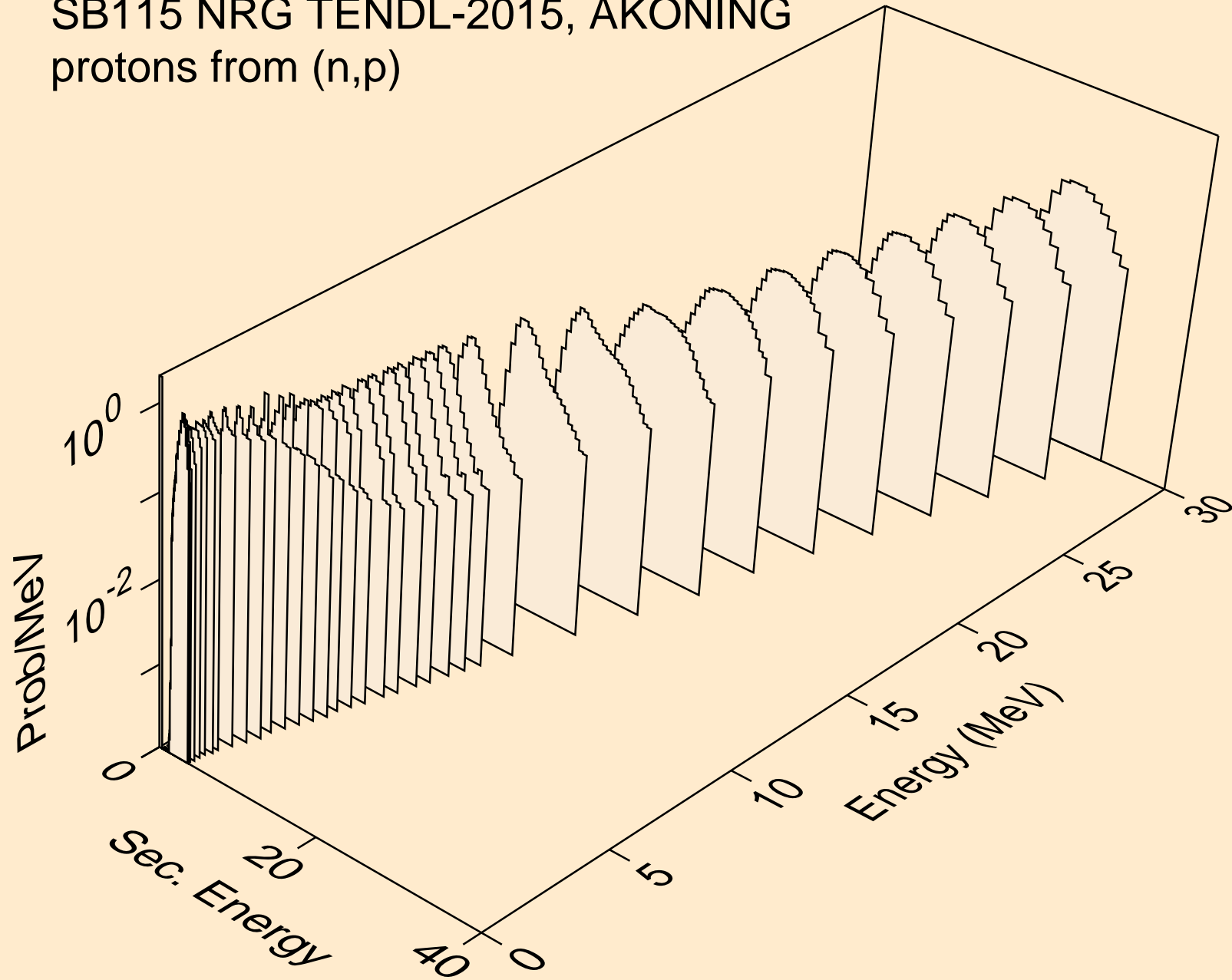
SB115 NRG TENDL-2015, AKONING  
protons from (n,2np)



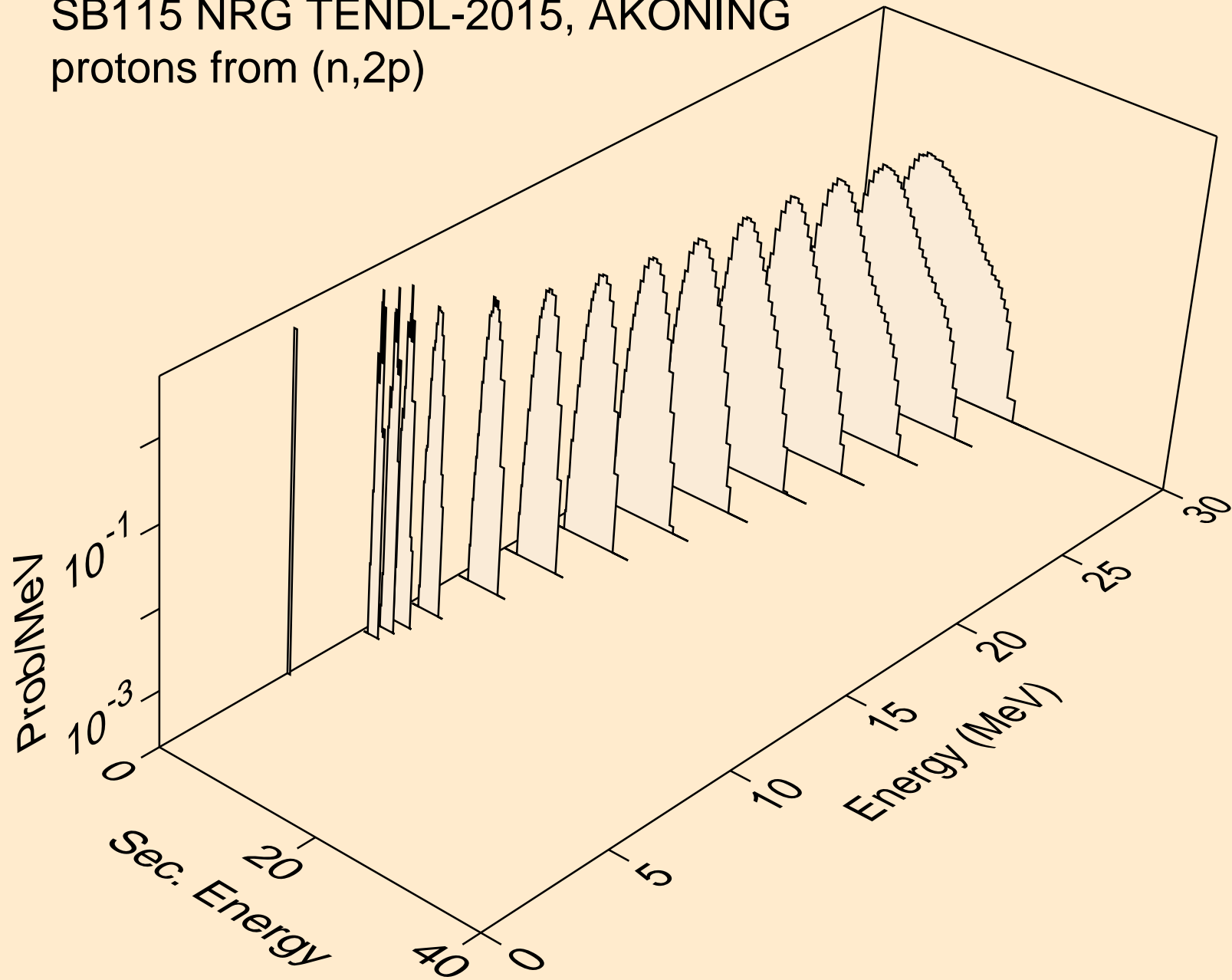
SB115 NRG TENDL-2015, AKONING  
protons from (n,npa)



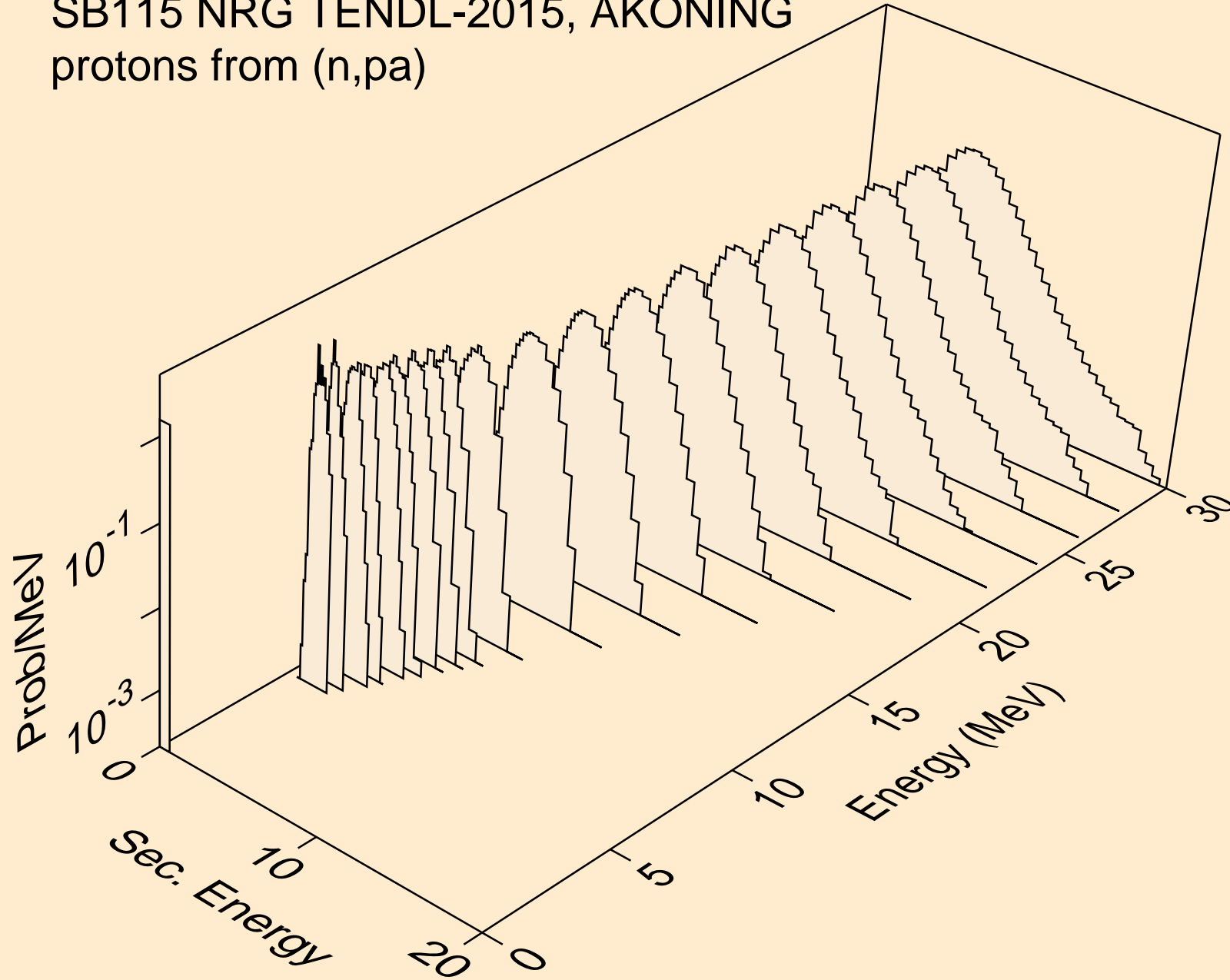
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protons from (n,p)



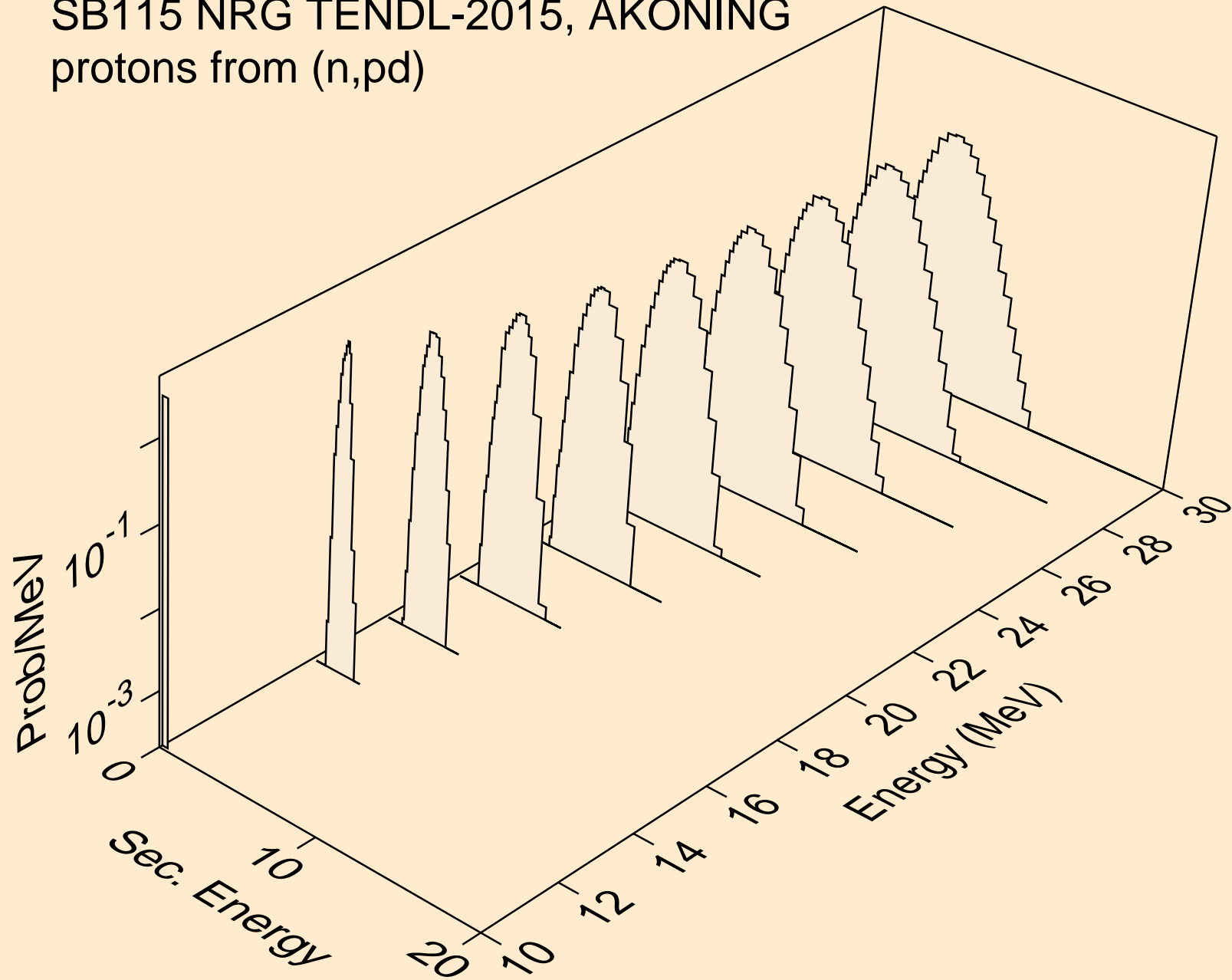
SB115 NRG TENDL-2015, AKONING  
protons from (n,2p)



SB115 NRG TENDL-2015, AKONING  
protons from (n,pa)

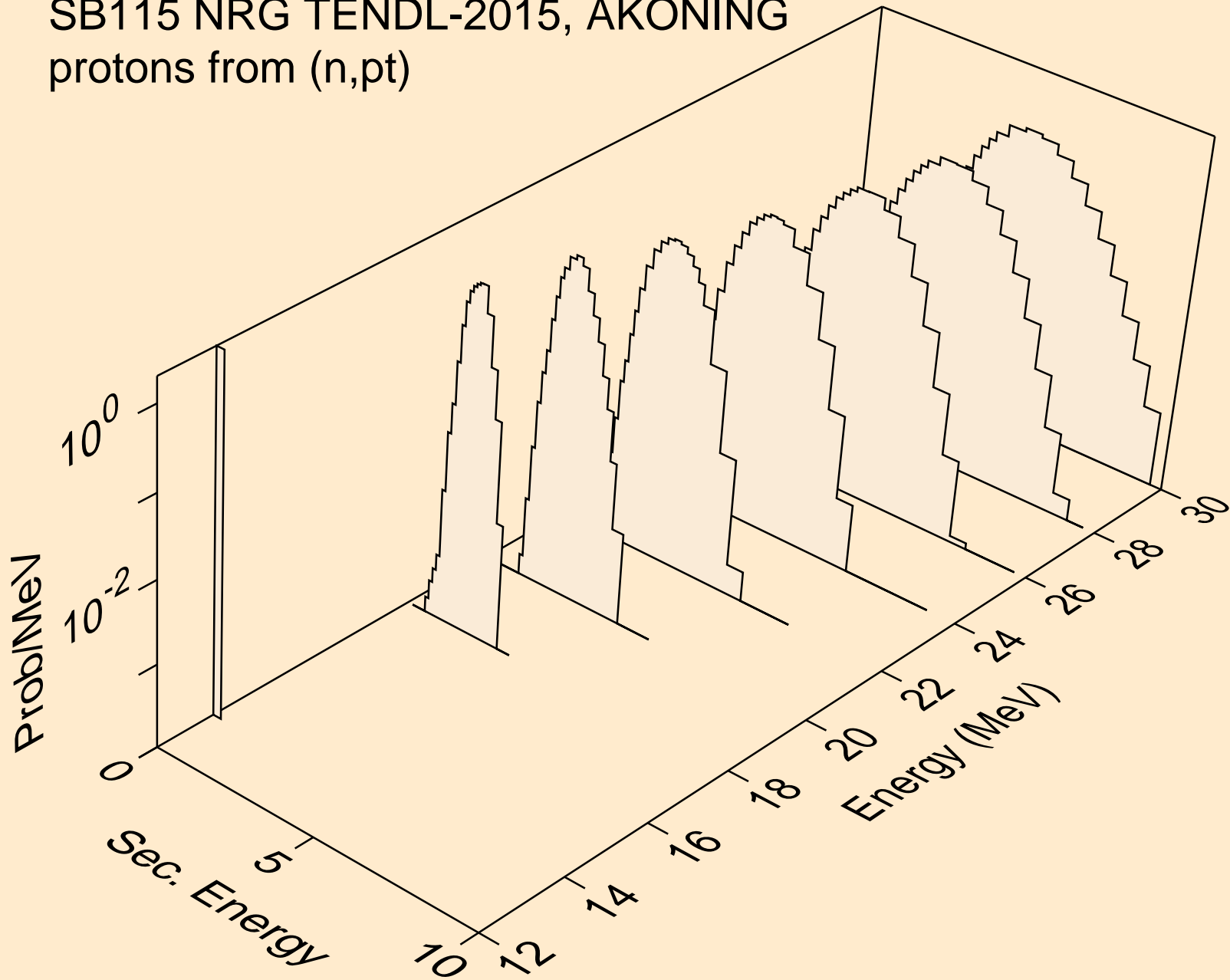


SB115 NRG TENDL-2015, AKONING  
protons from (n,pd)

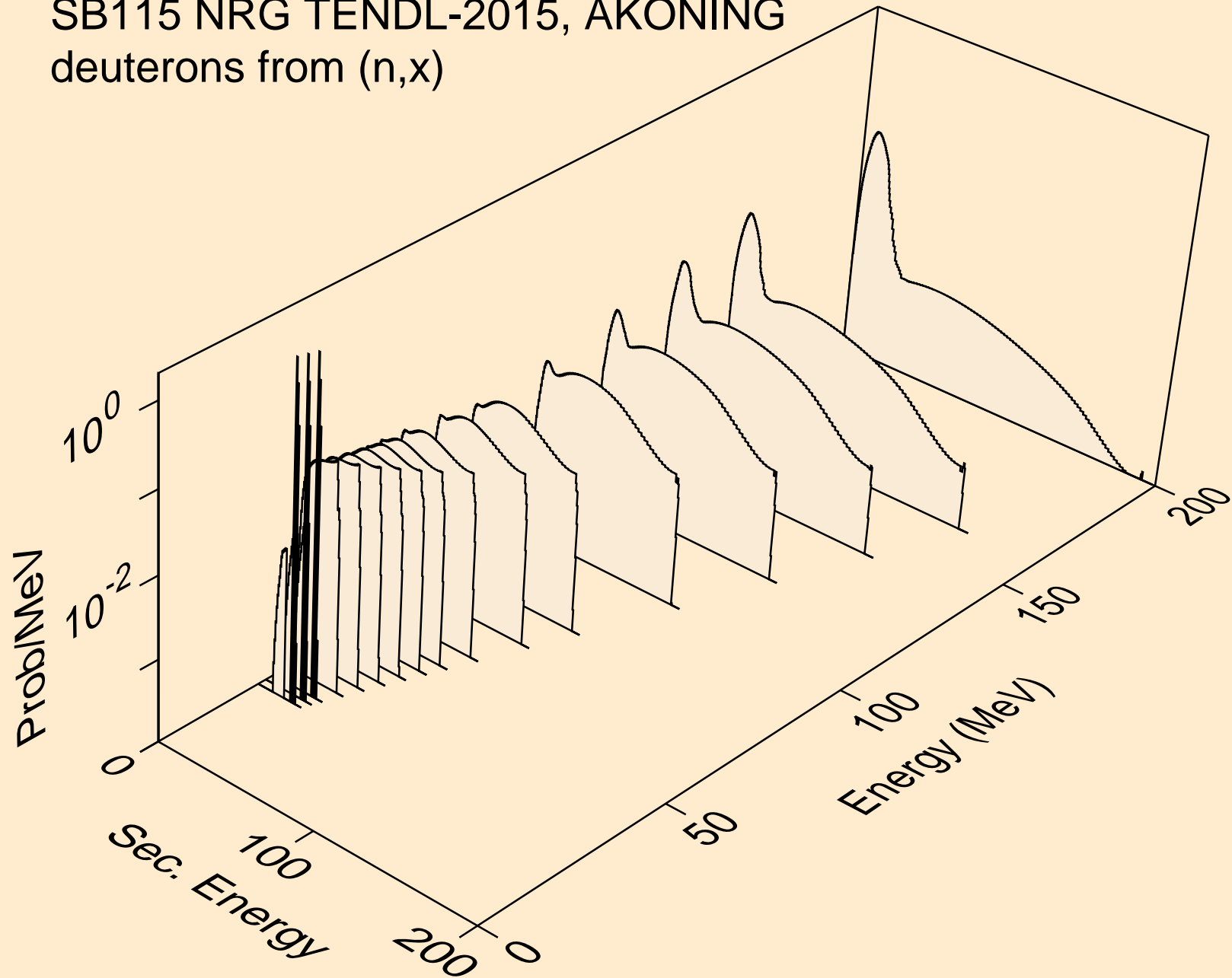




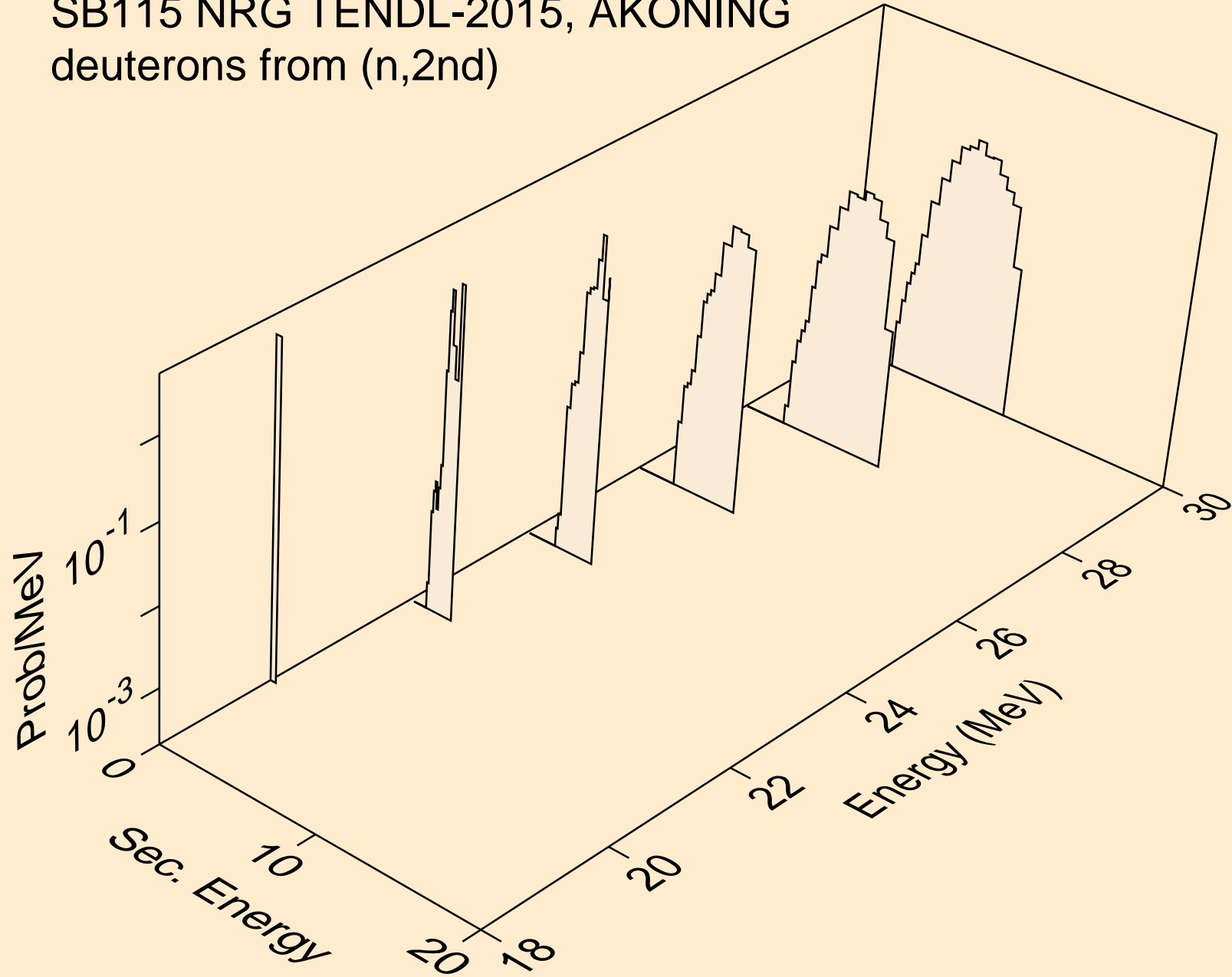
SB115 NRG TENDL-2015, AKONING  
protons from (n,pt)



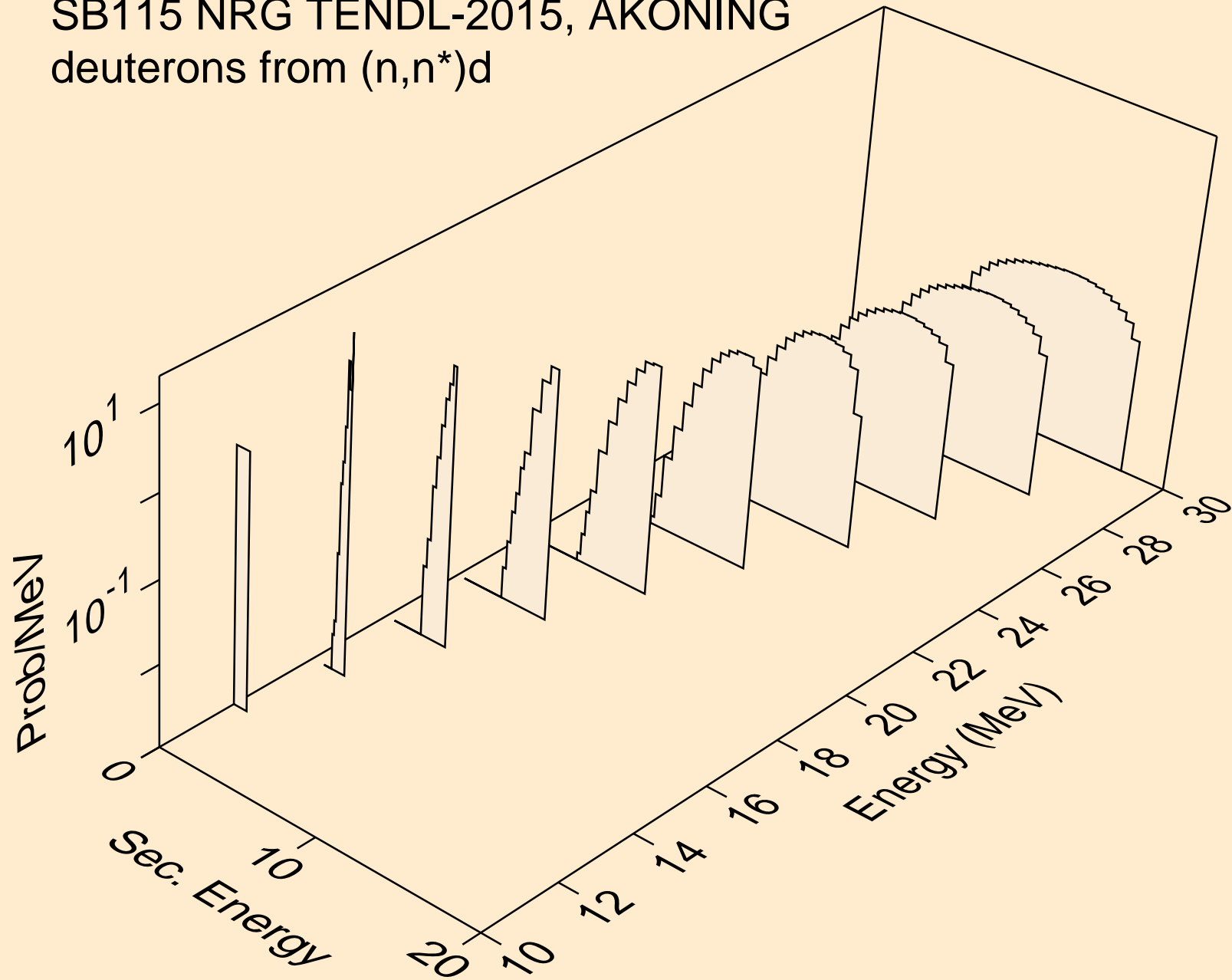
SB115 NRG TENDL-2015, AKONING  
deuterons from (n,x)



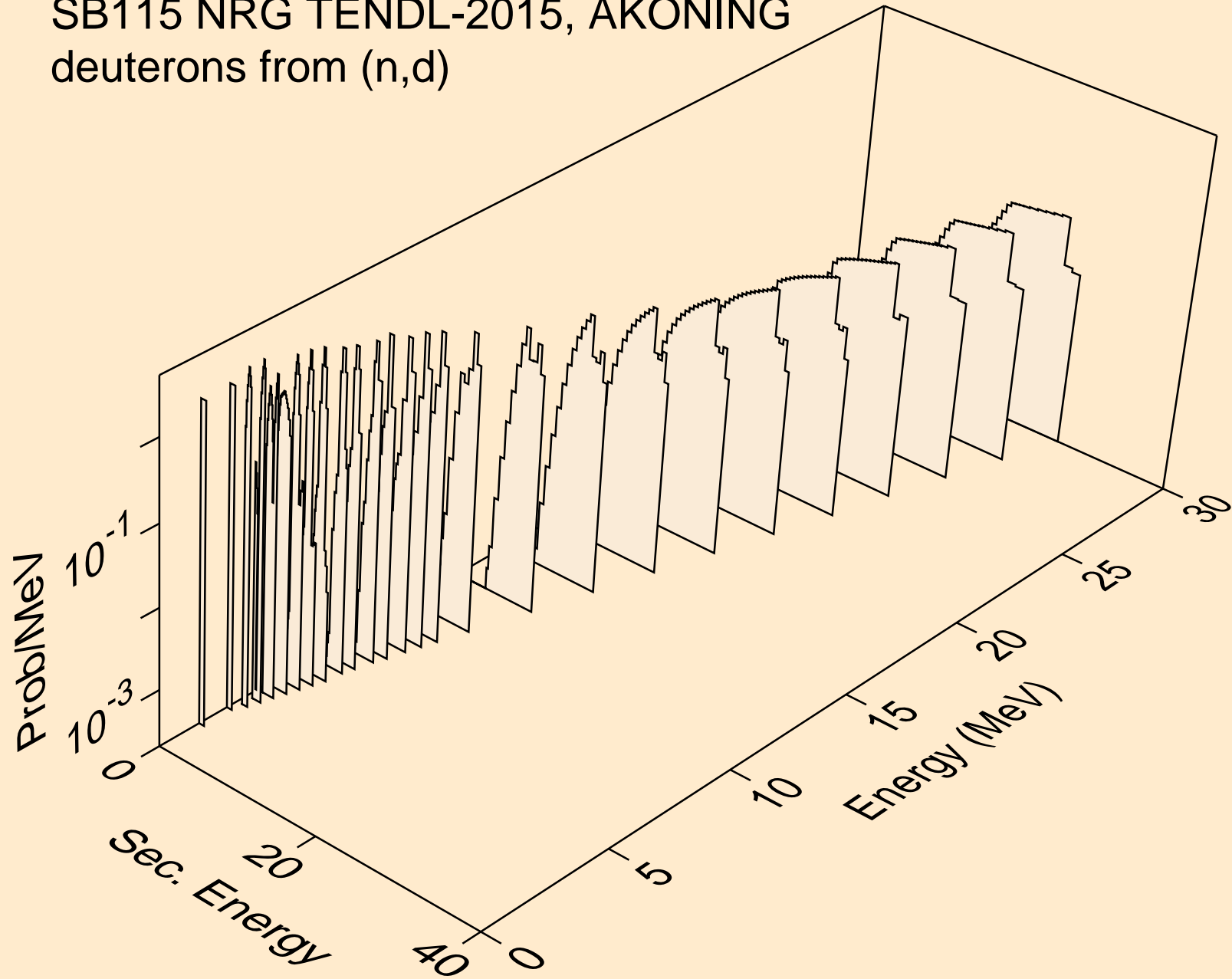
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deuterons from (n,2nd)



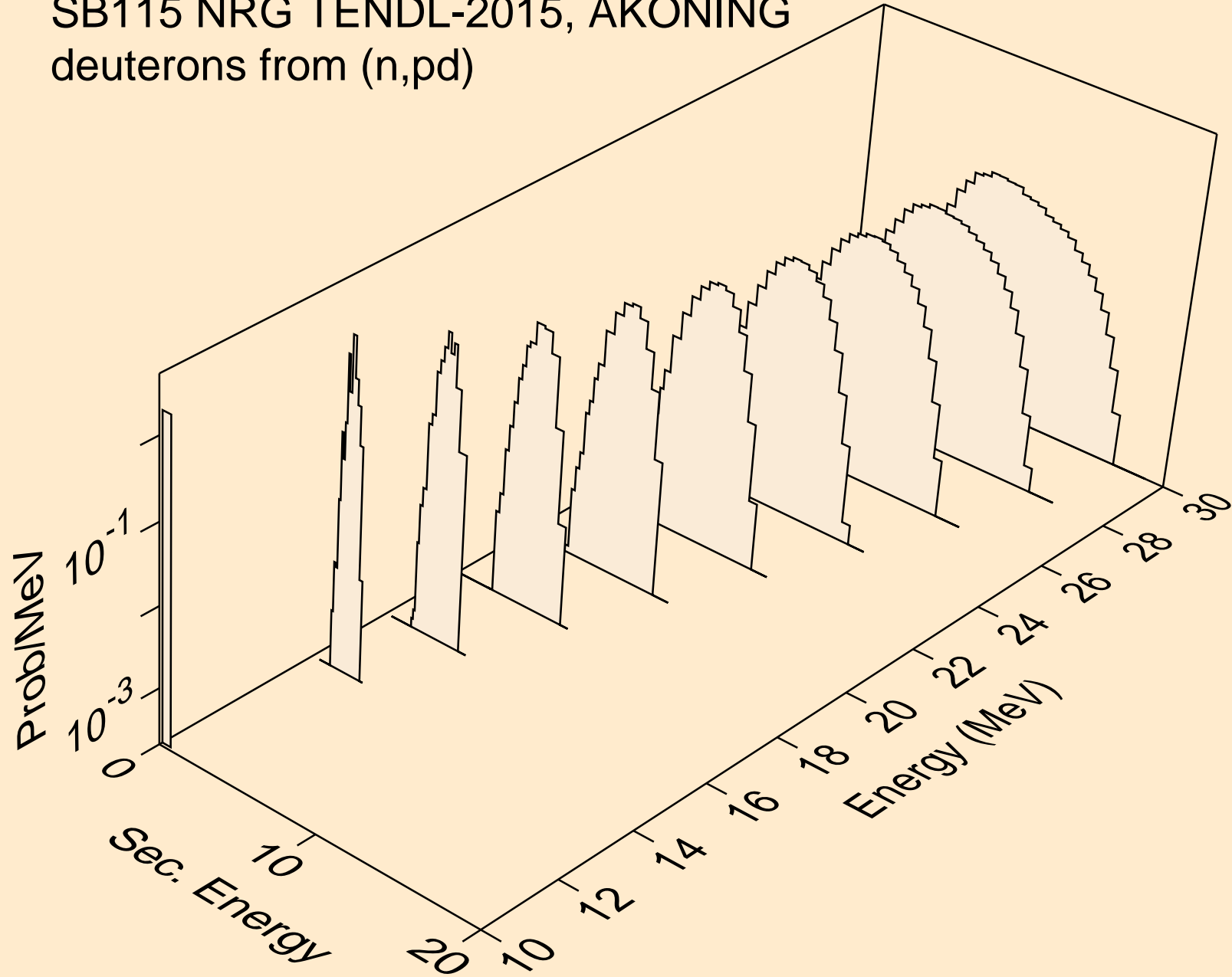
SB115 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



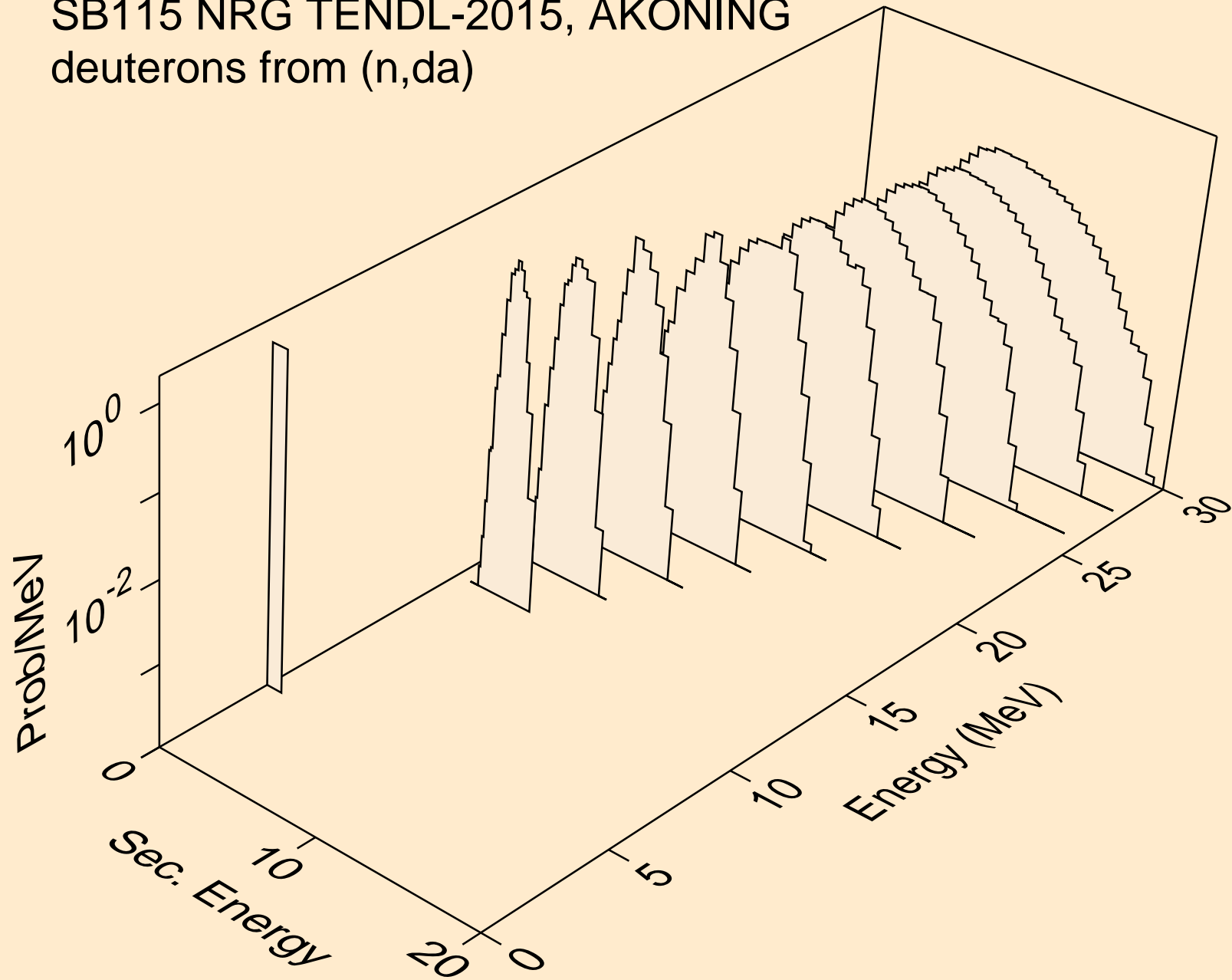
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deuterons from (n,d)



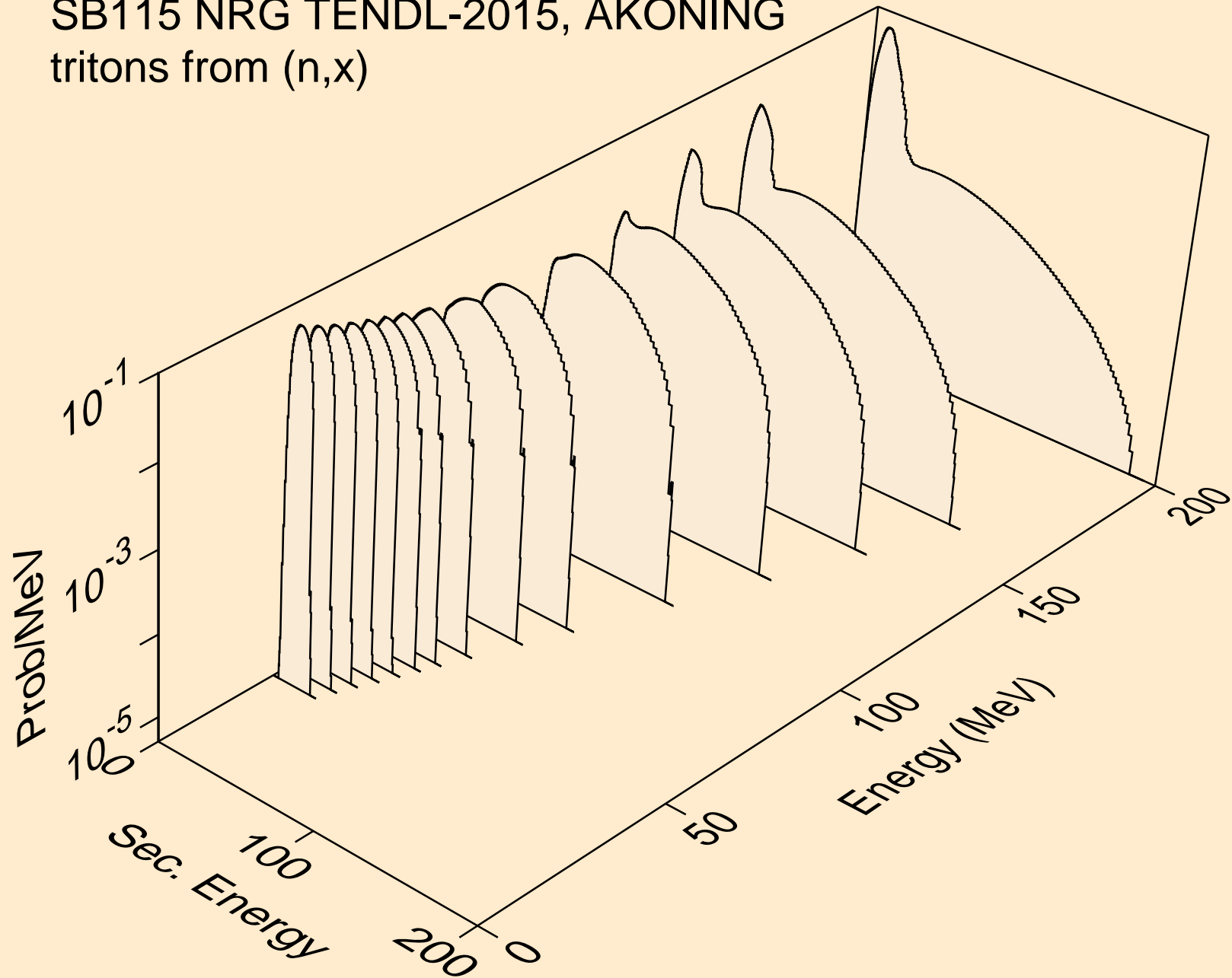
SB115 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



SB115 NRG TENDL-2015, AKONING  
deuterons from (n,da)

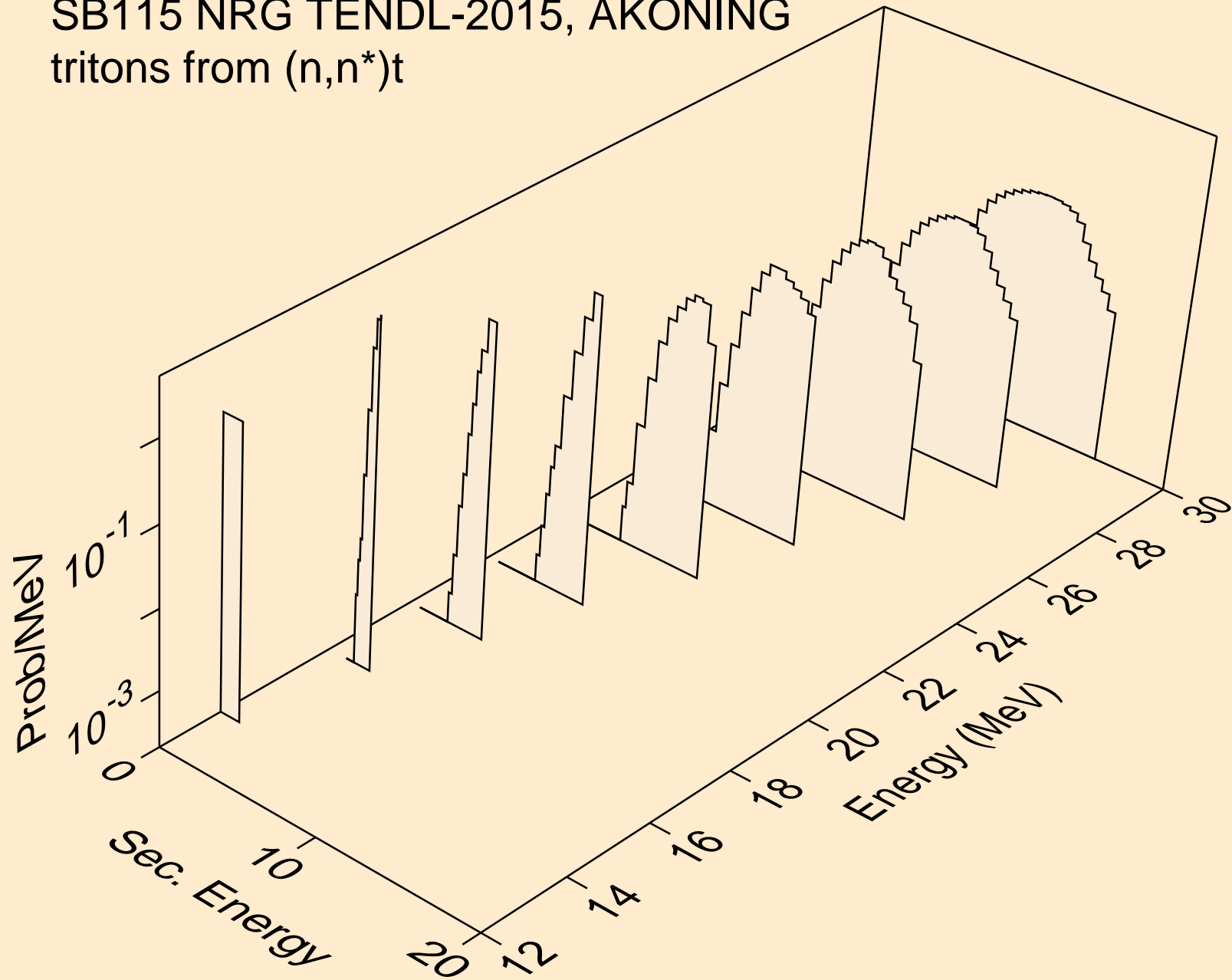


SB115 NRG TENDL-2015, AKONING  
tritons from (n,x)

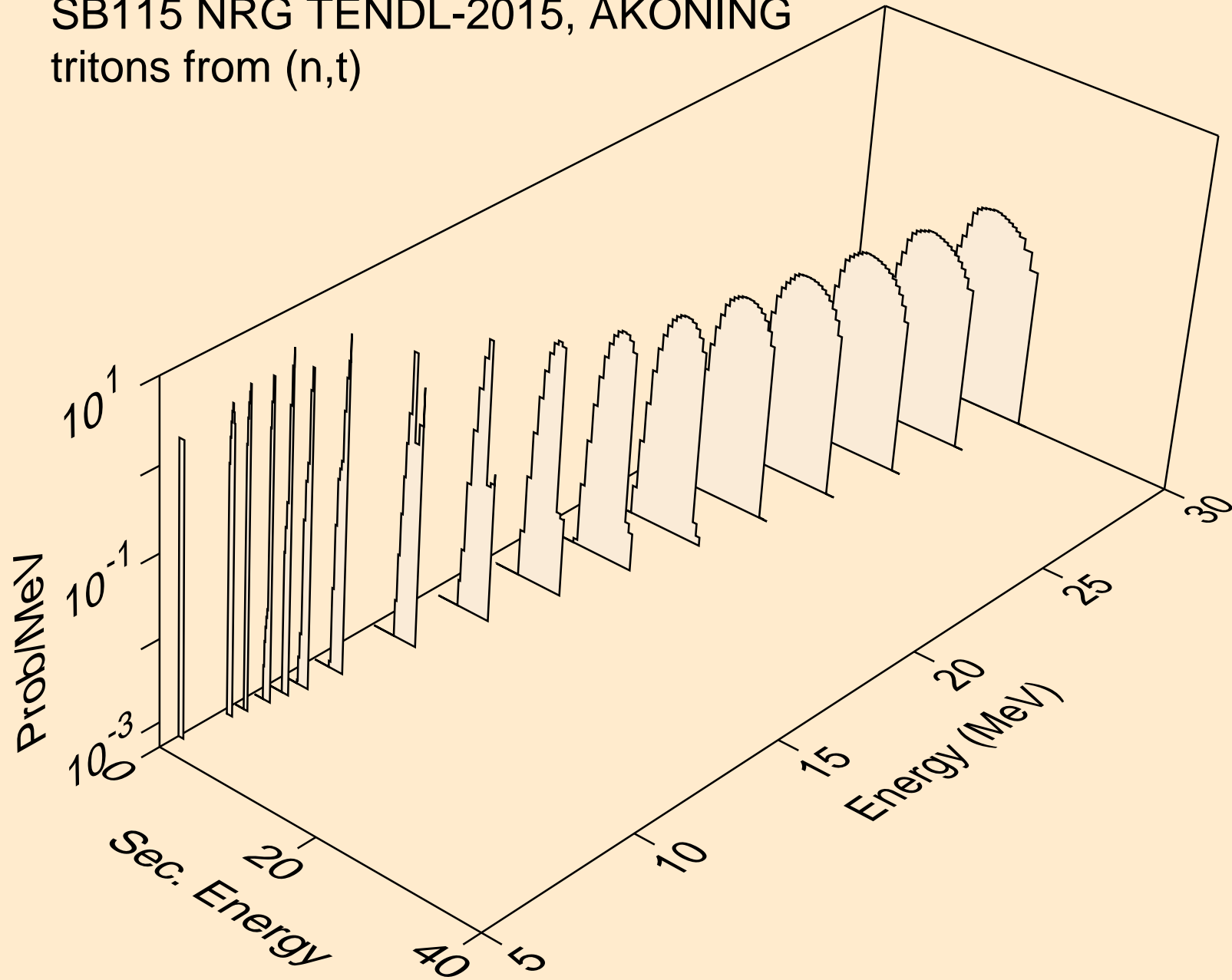




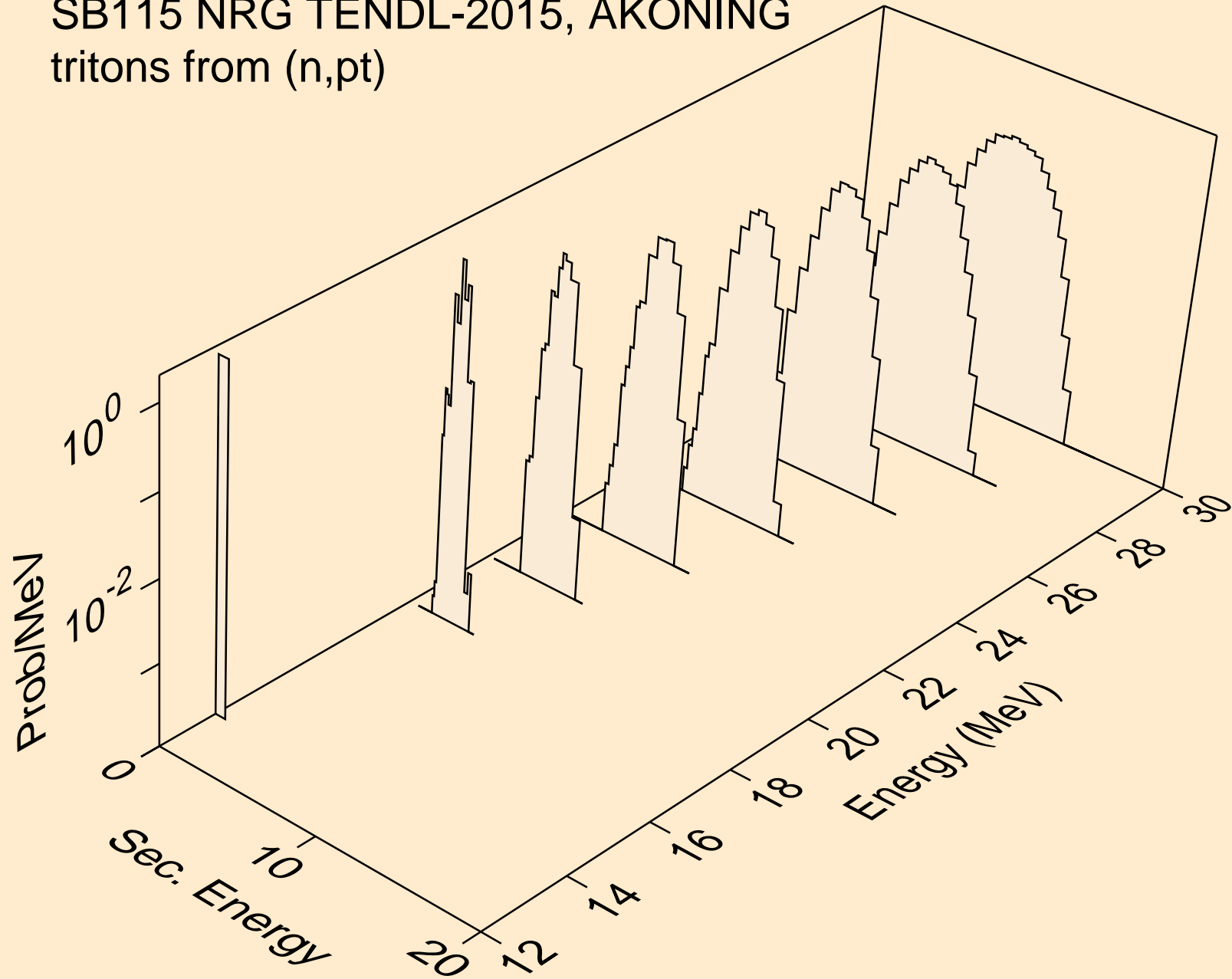
SB115 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



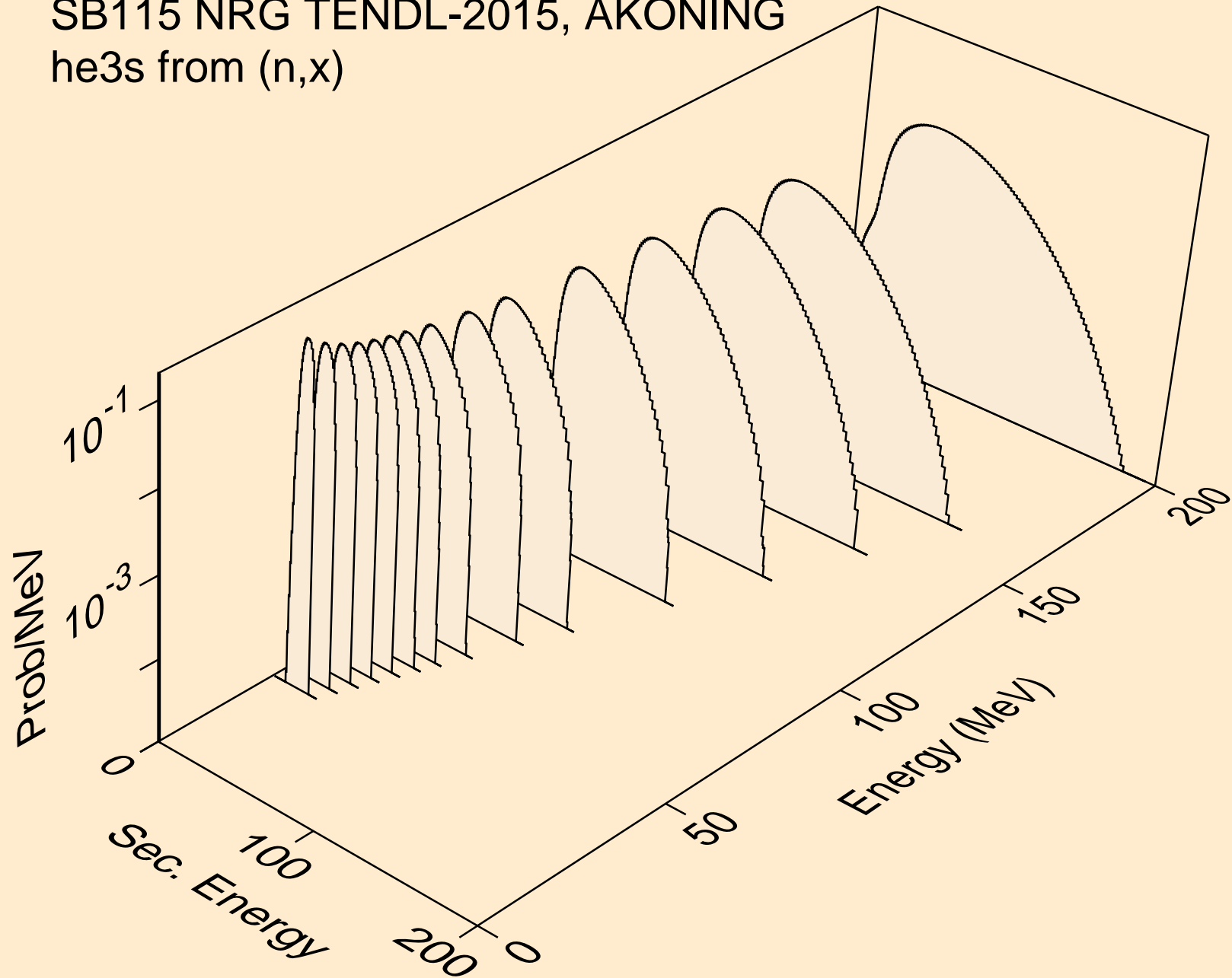
SB115 NRG TENDL-2015, AKONING  
tritons from (n,t)



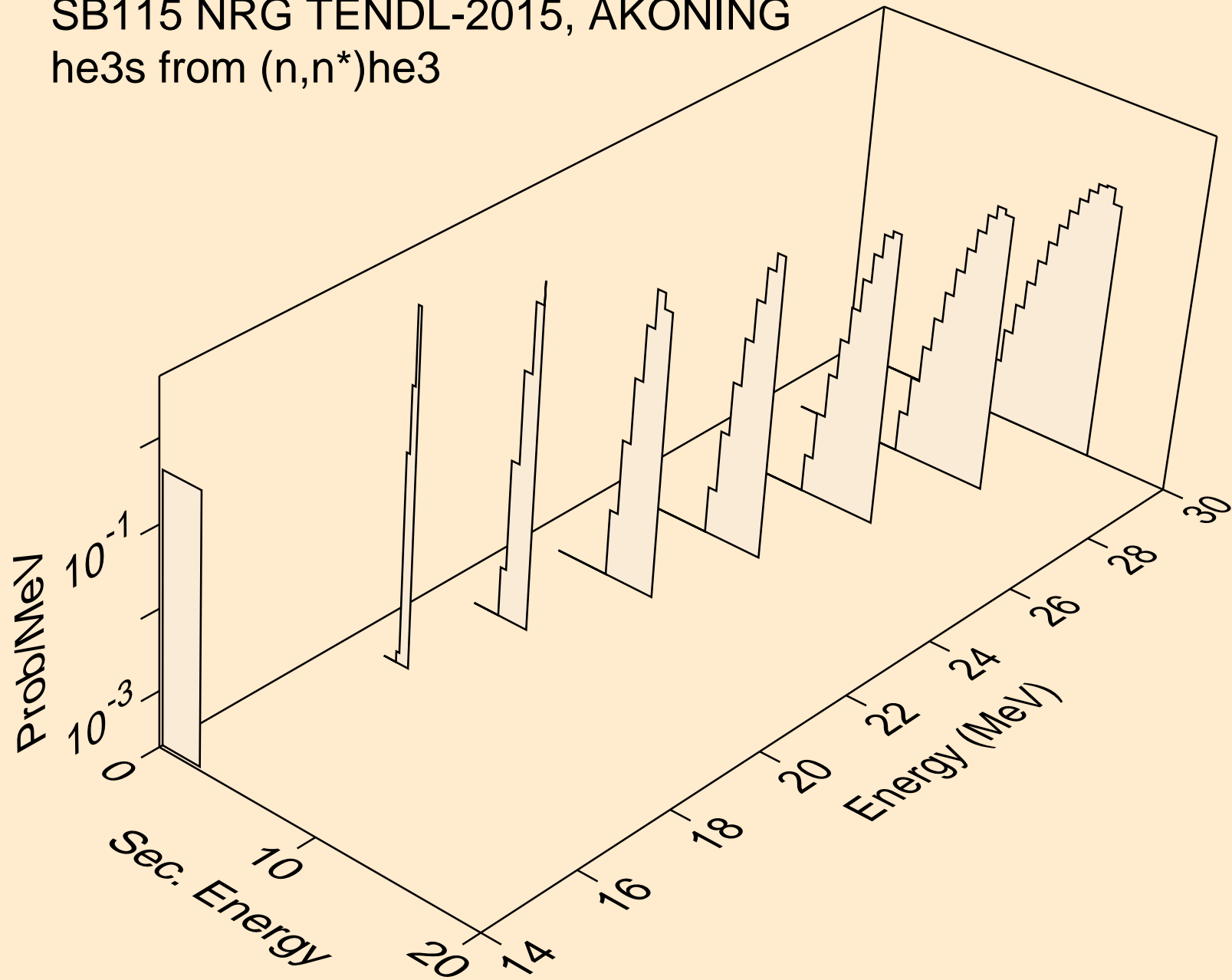
SB115 NRG TENDL-2015, AKONING  
tritons from (n,pt)



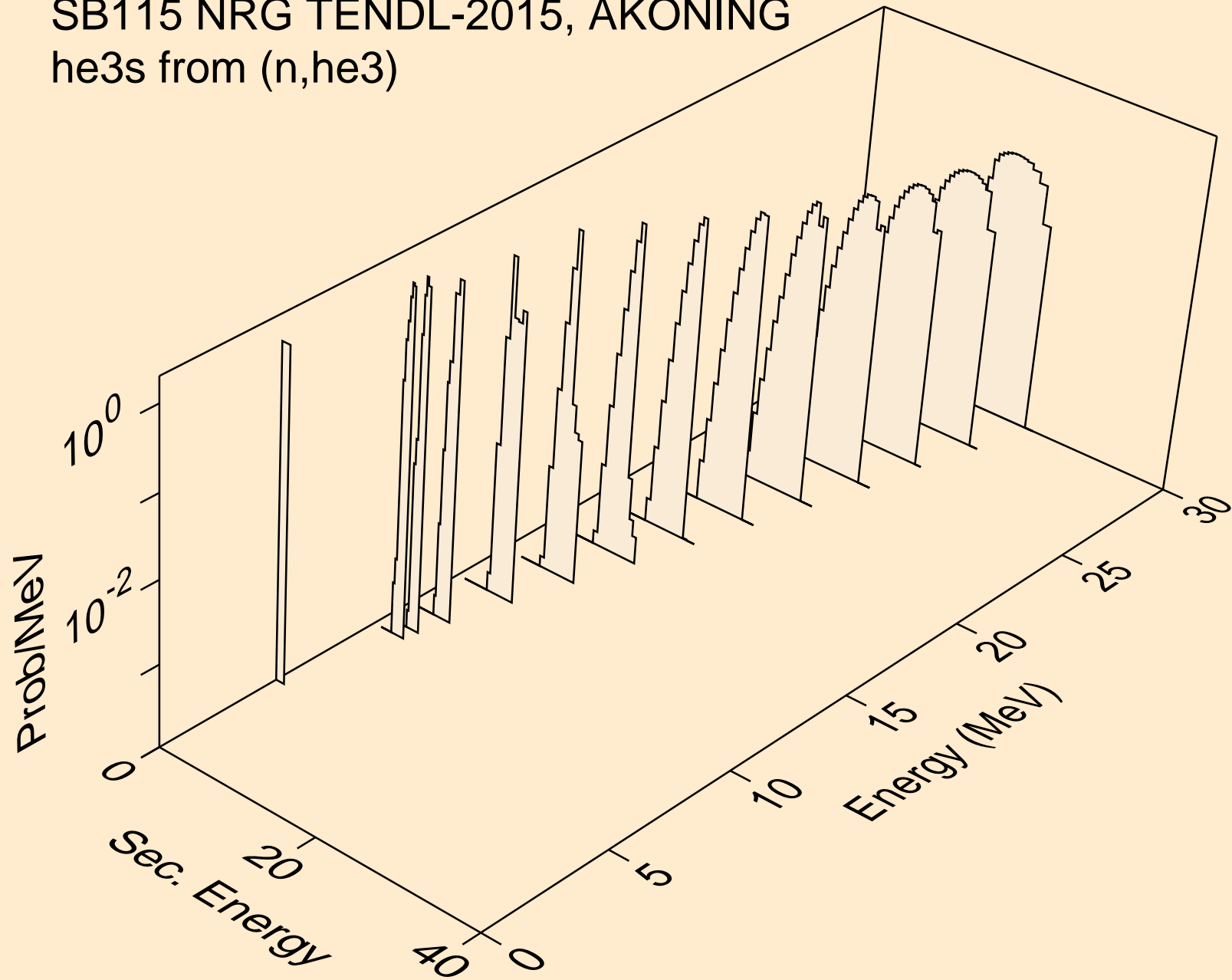
SB115 NRG TENDL-2015, AKONING  
he3s from (n,x)



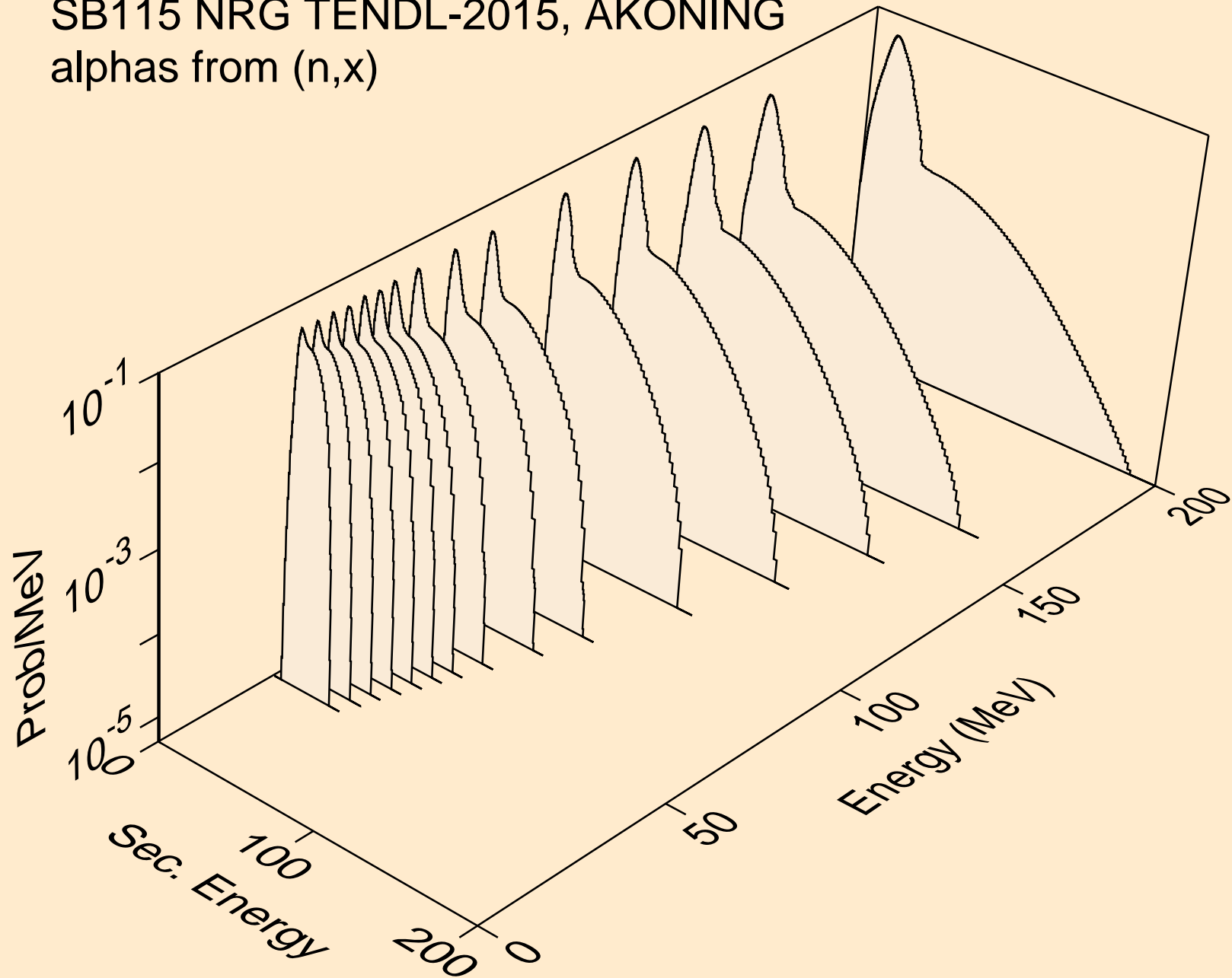
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he3s from (n,n\*)he3



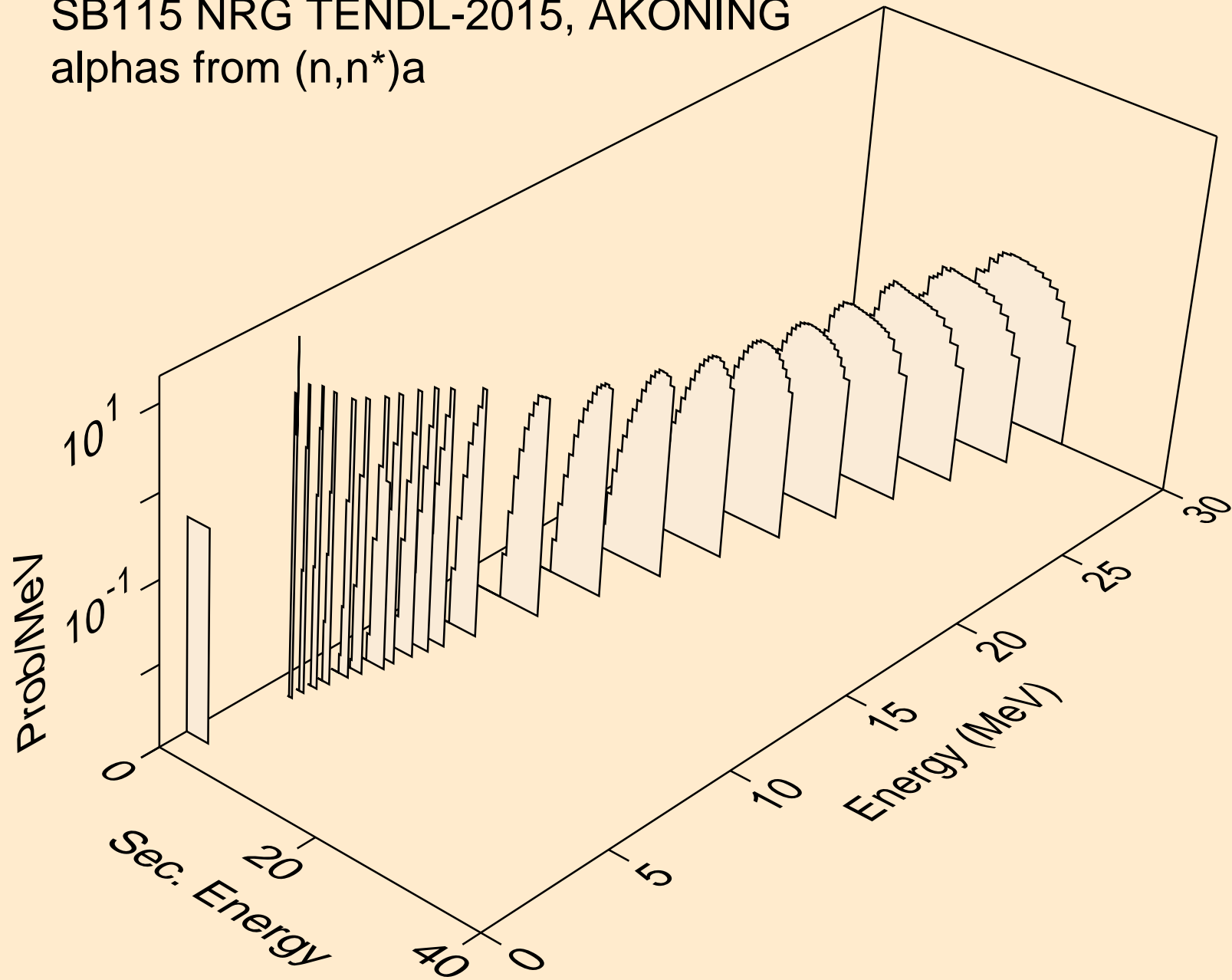
SB115 NRG TENDL-2015, AKONING  
he3s from (n,he3)



SB115 NRG TENDL-2015, AKONING  
alphas from (n,x)

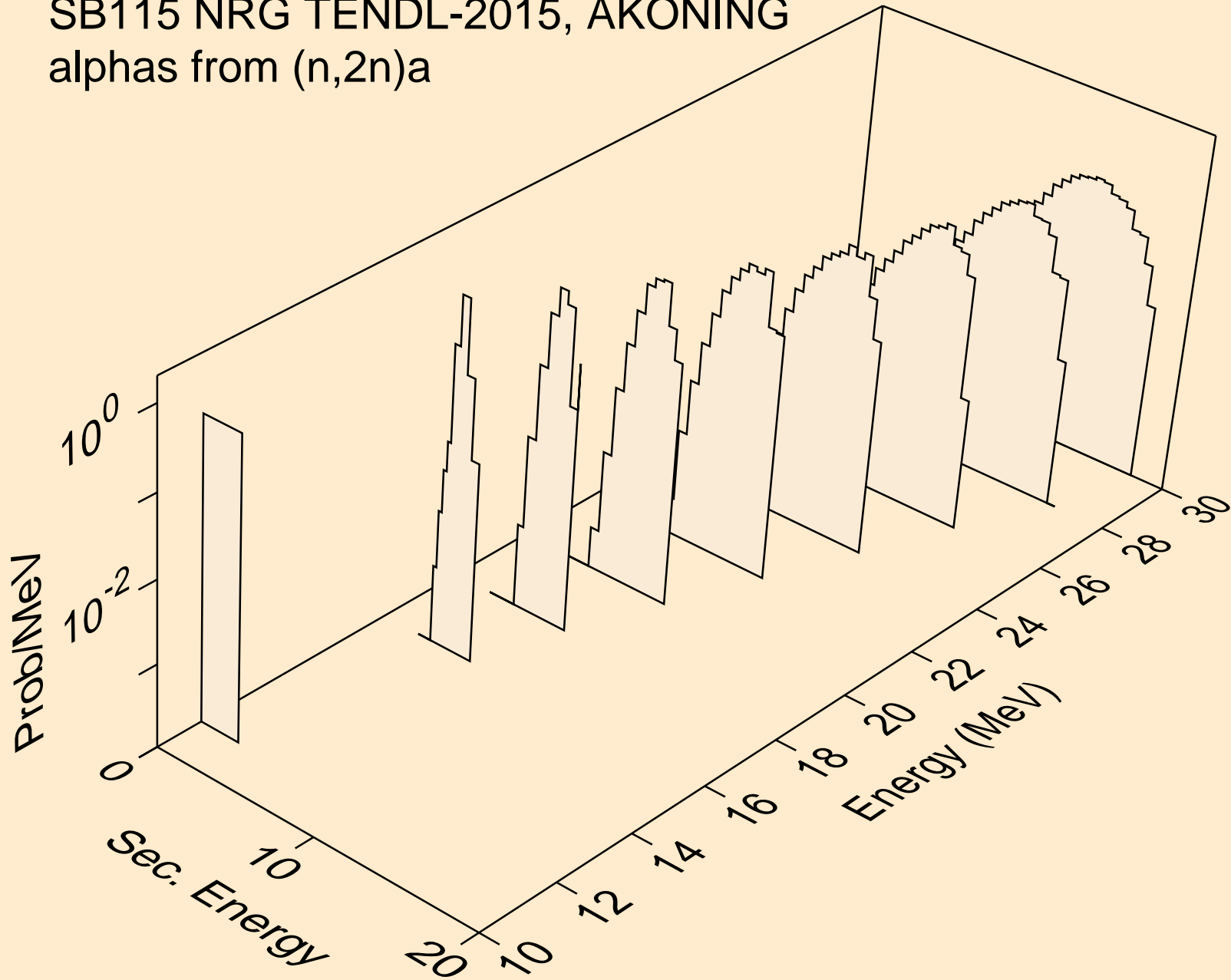


SB115 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

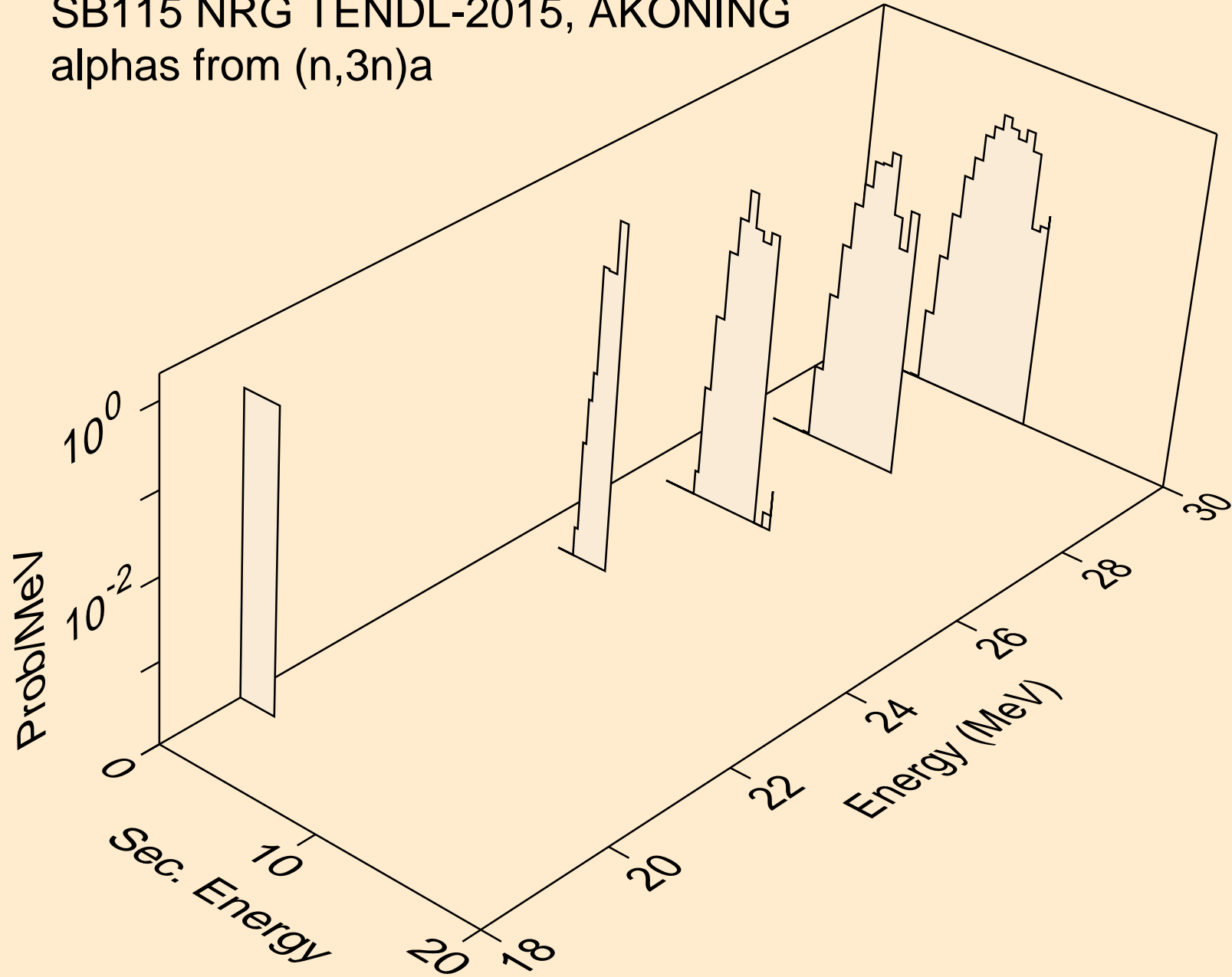




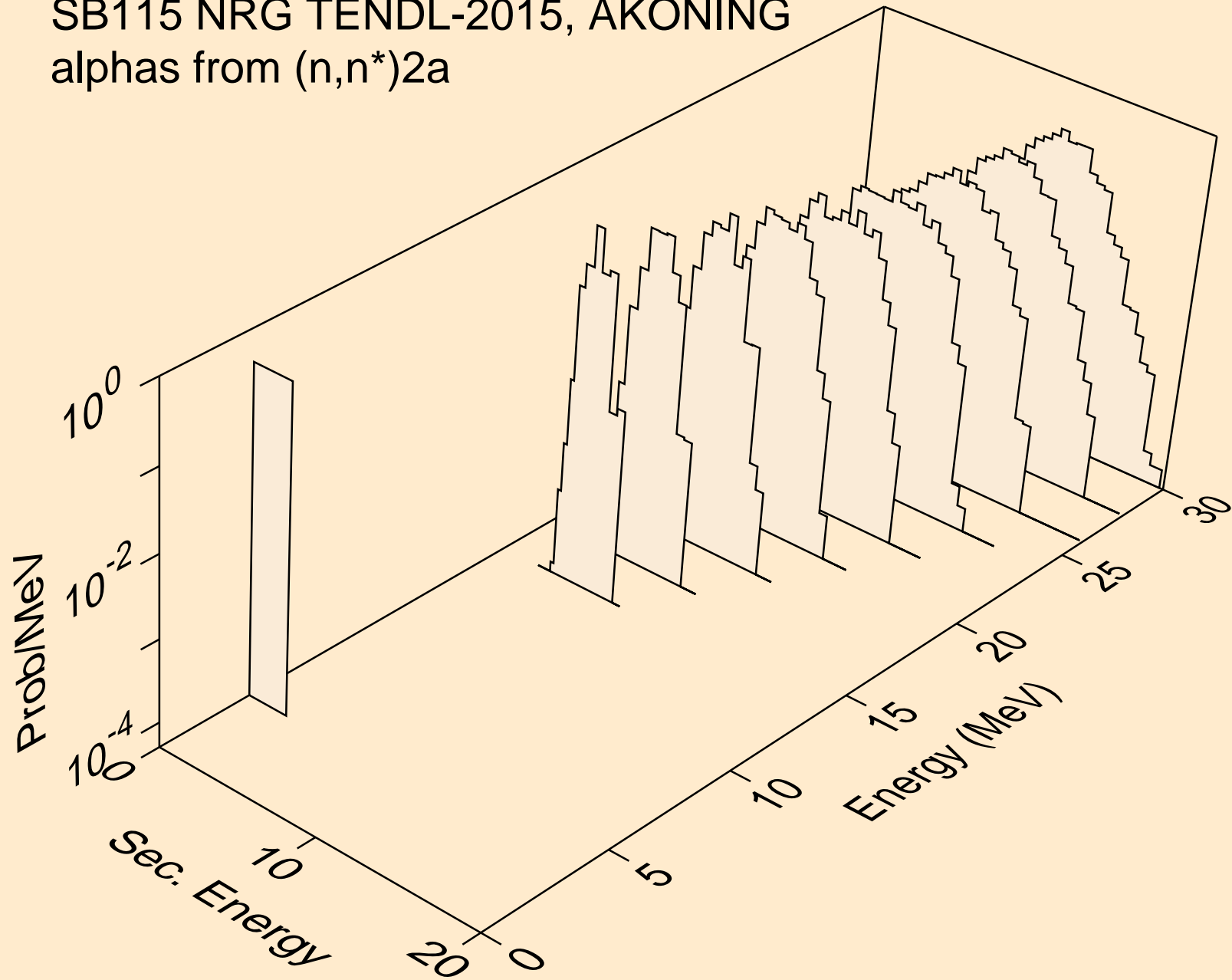
SB115 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



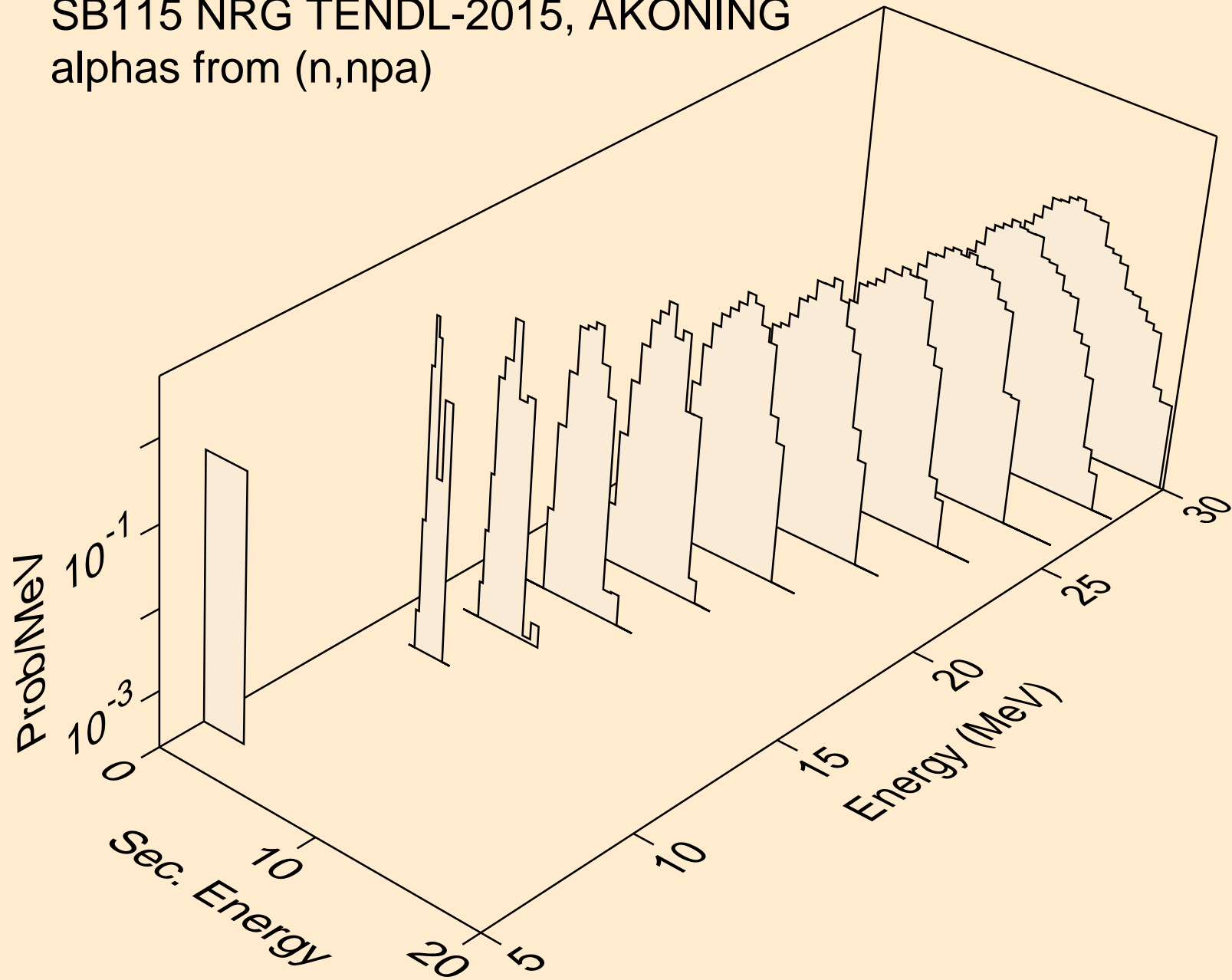
SB115 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



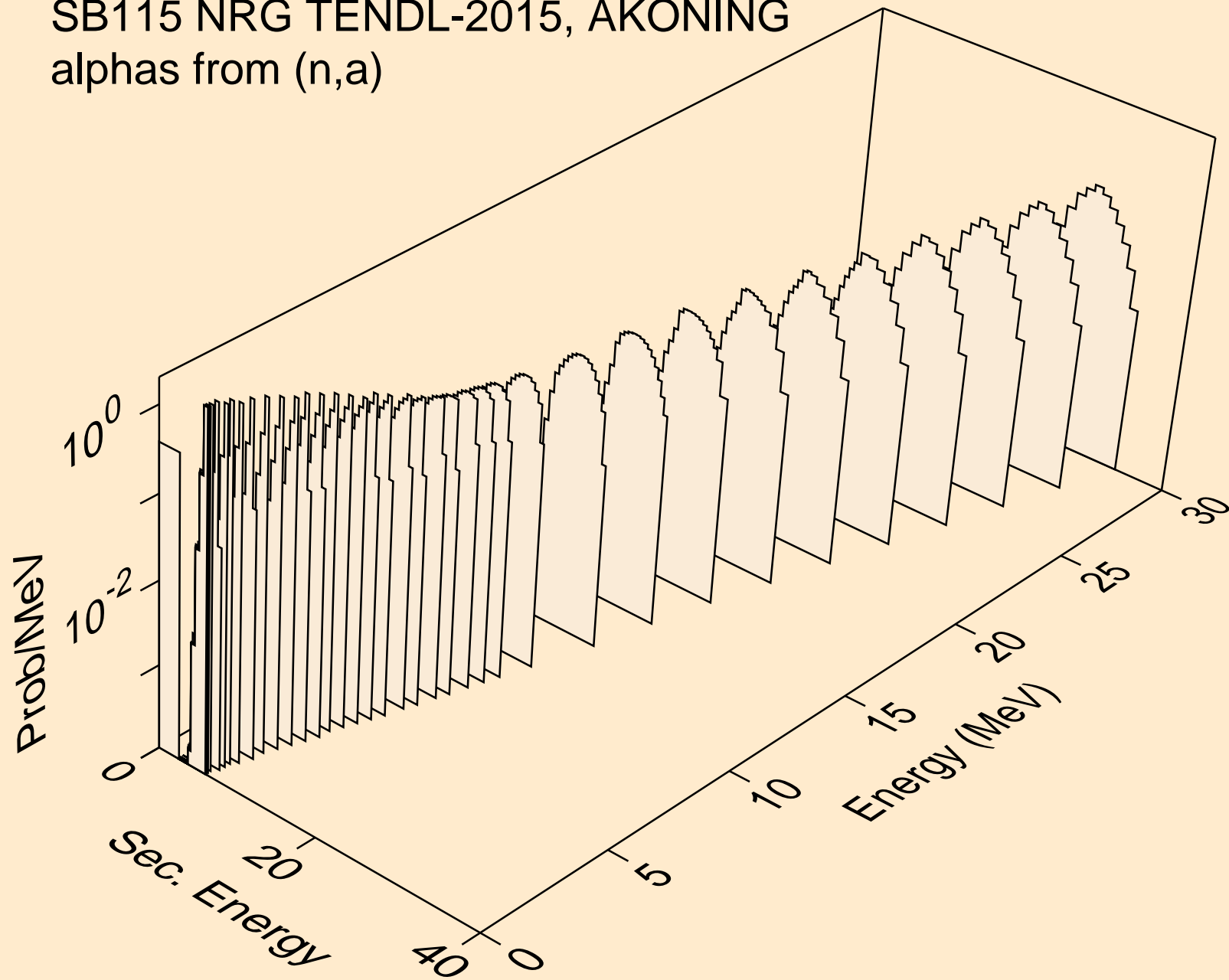
SB115 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



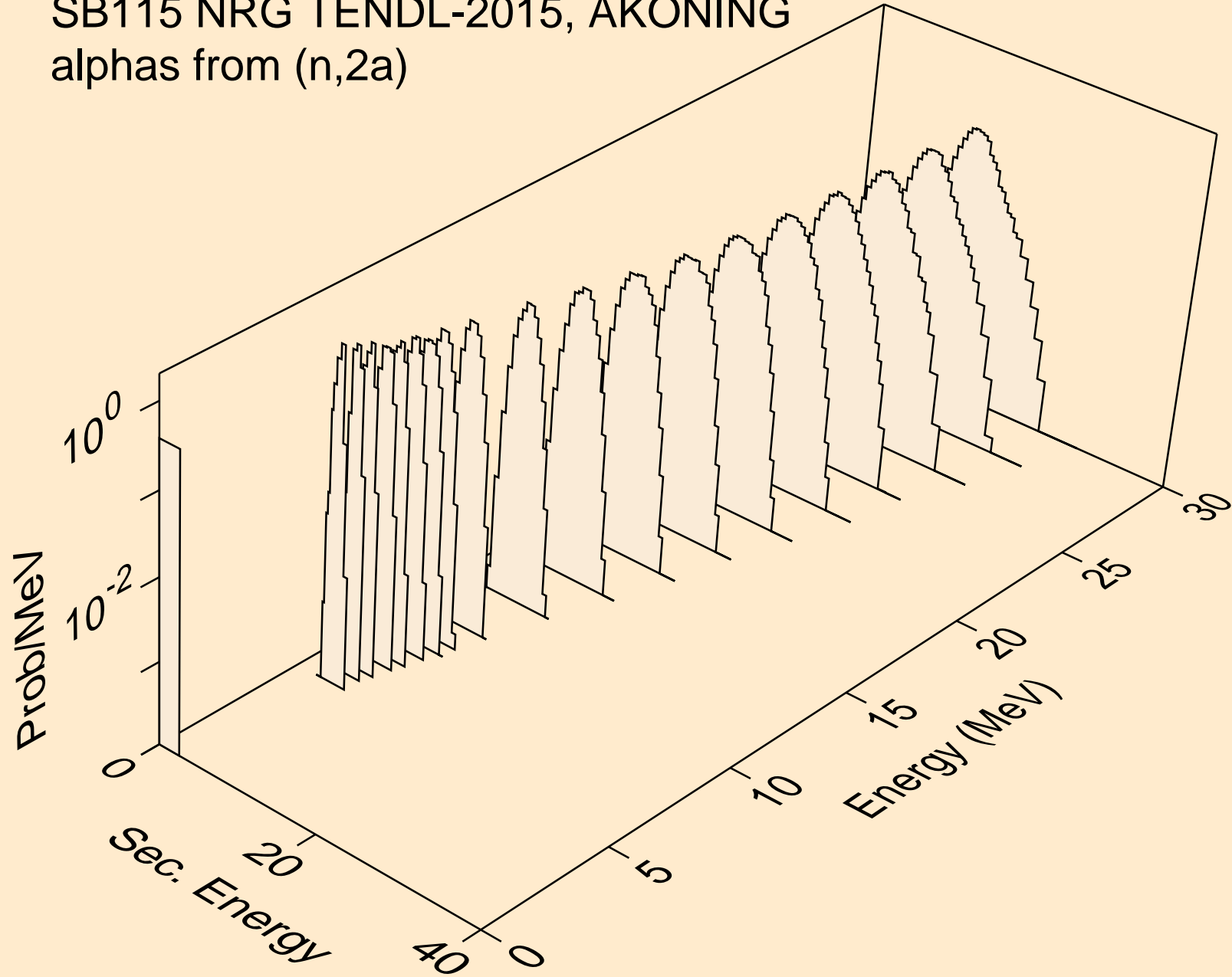
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alphas from (n,npa)



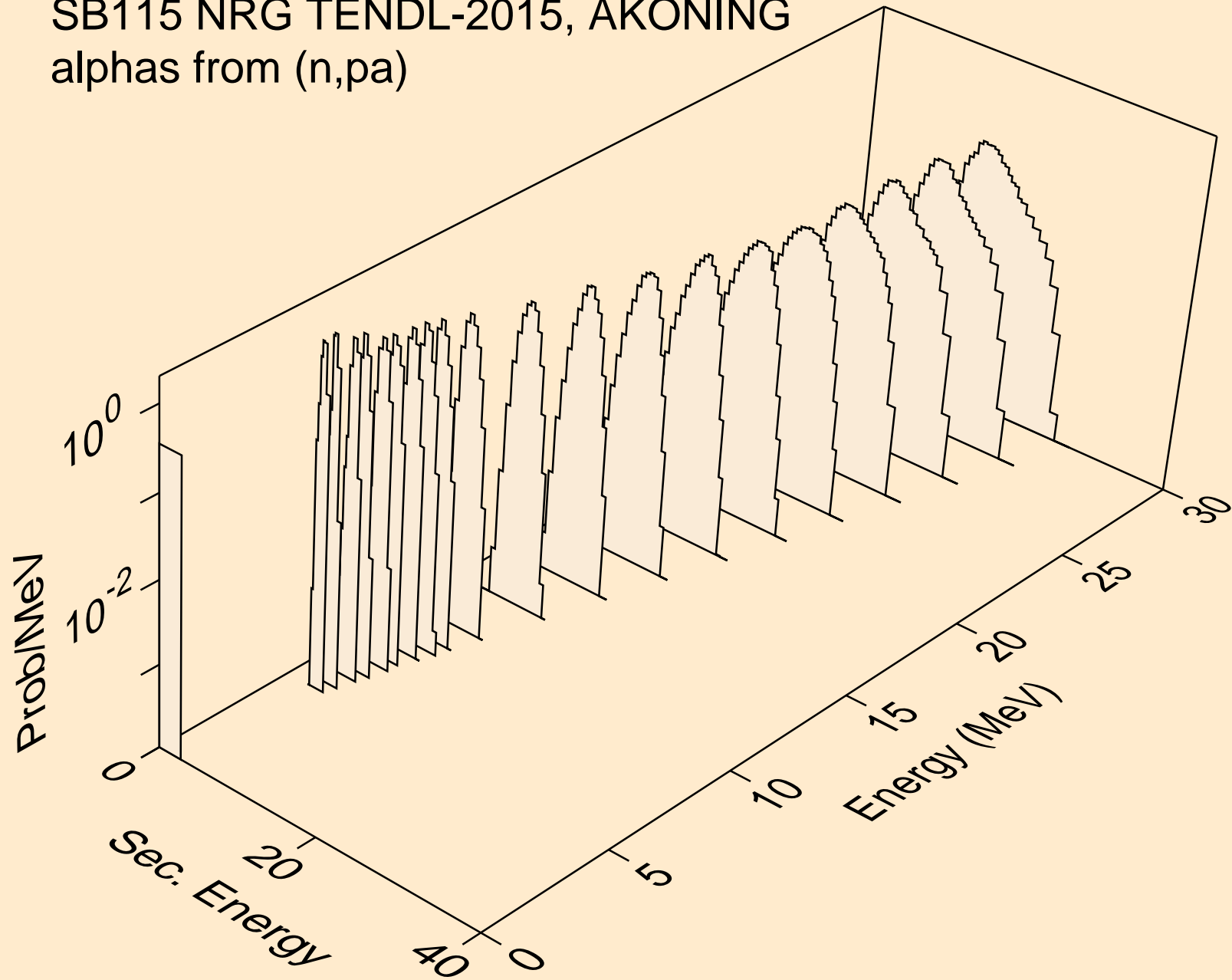
SB115 NRG TENDL-2015, AKONING  
alphas from (n,a)



SB115 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SB115 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SB115 NRG TENDL-2015, AKONING  
alphas from (n,da)

