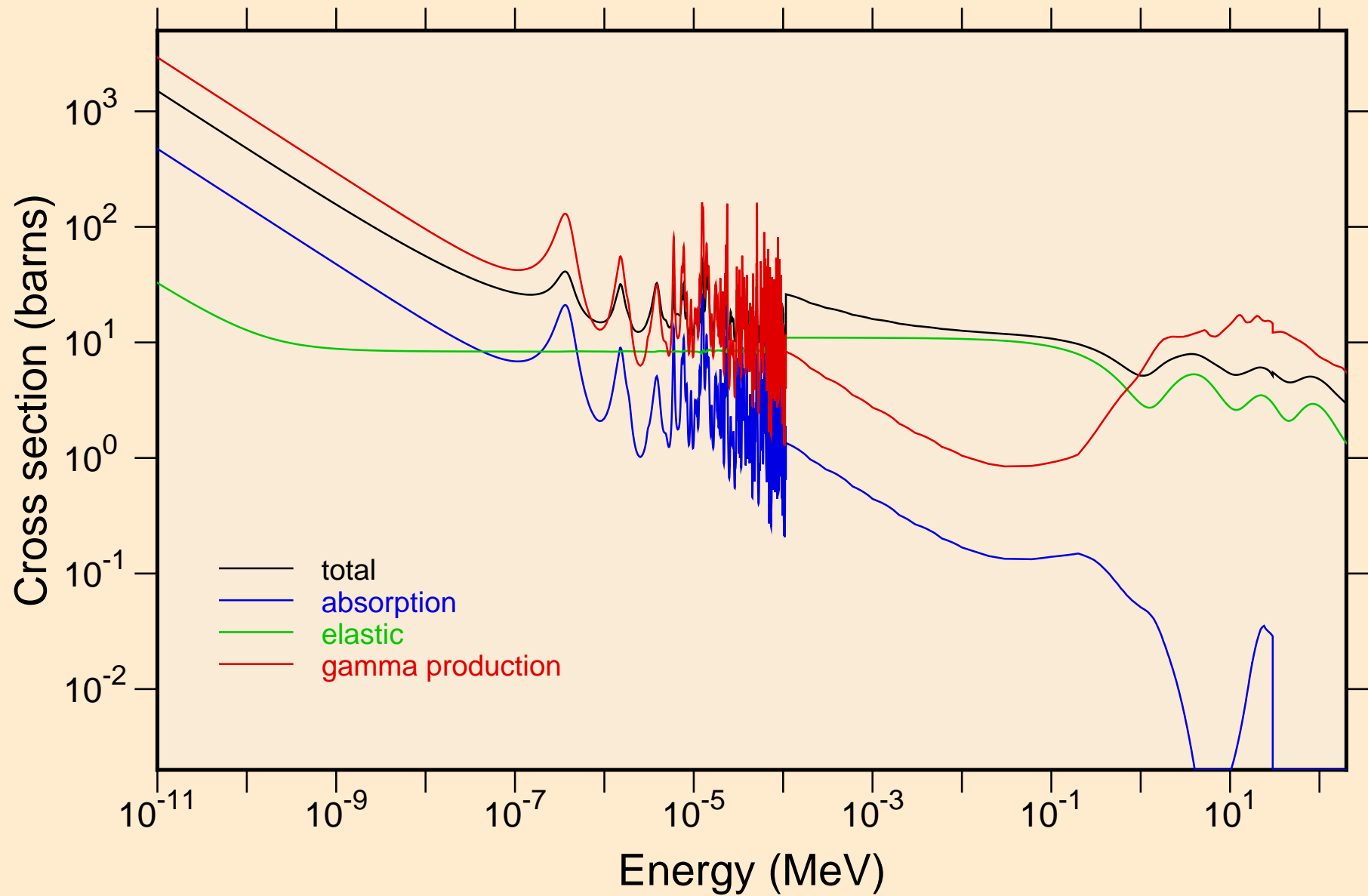
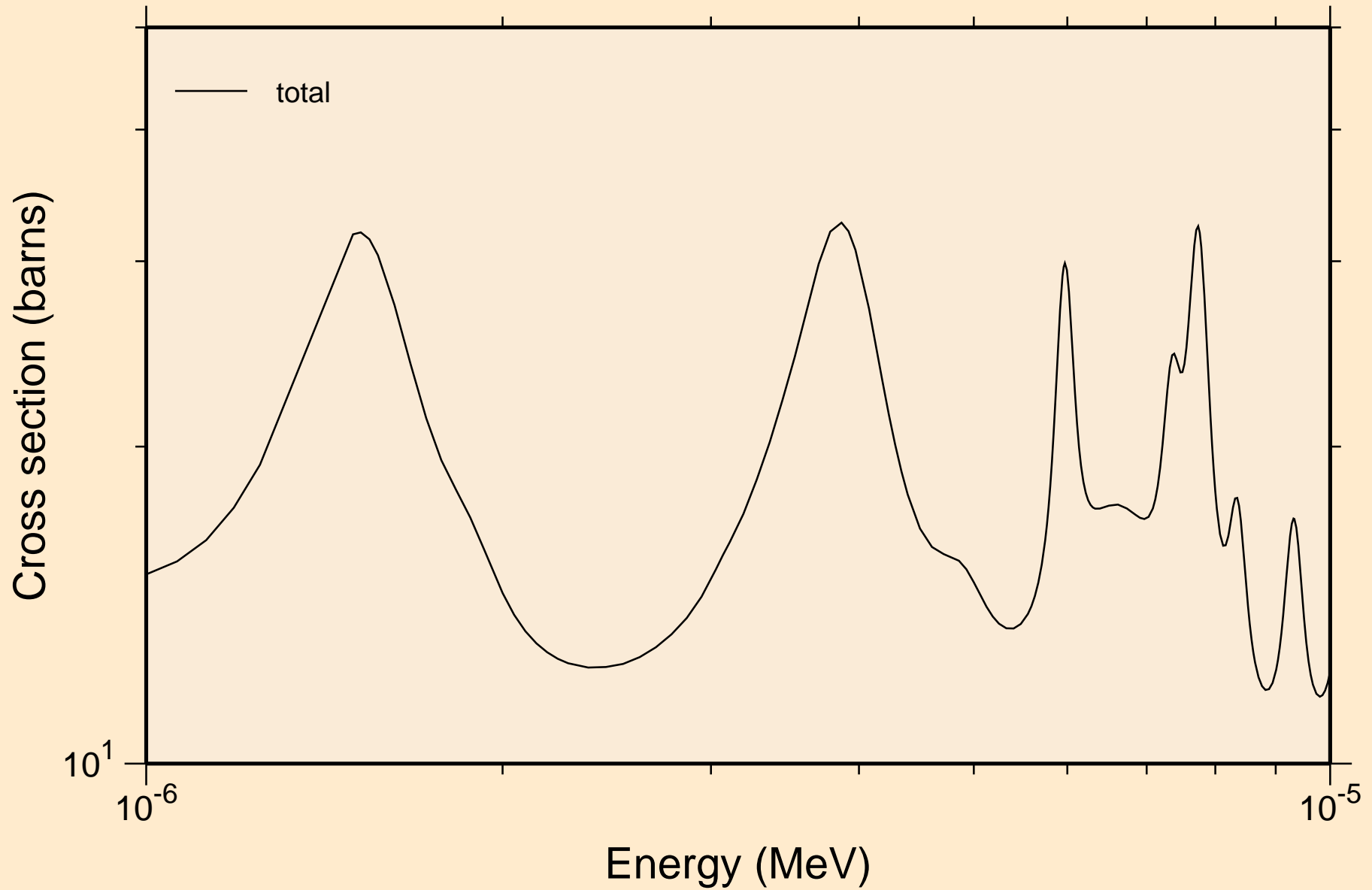


# AC228 NRG TENDL-2015, AKONING

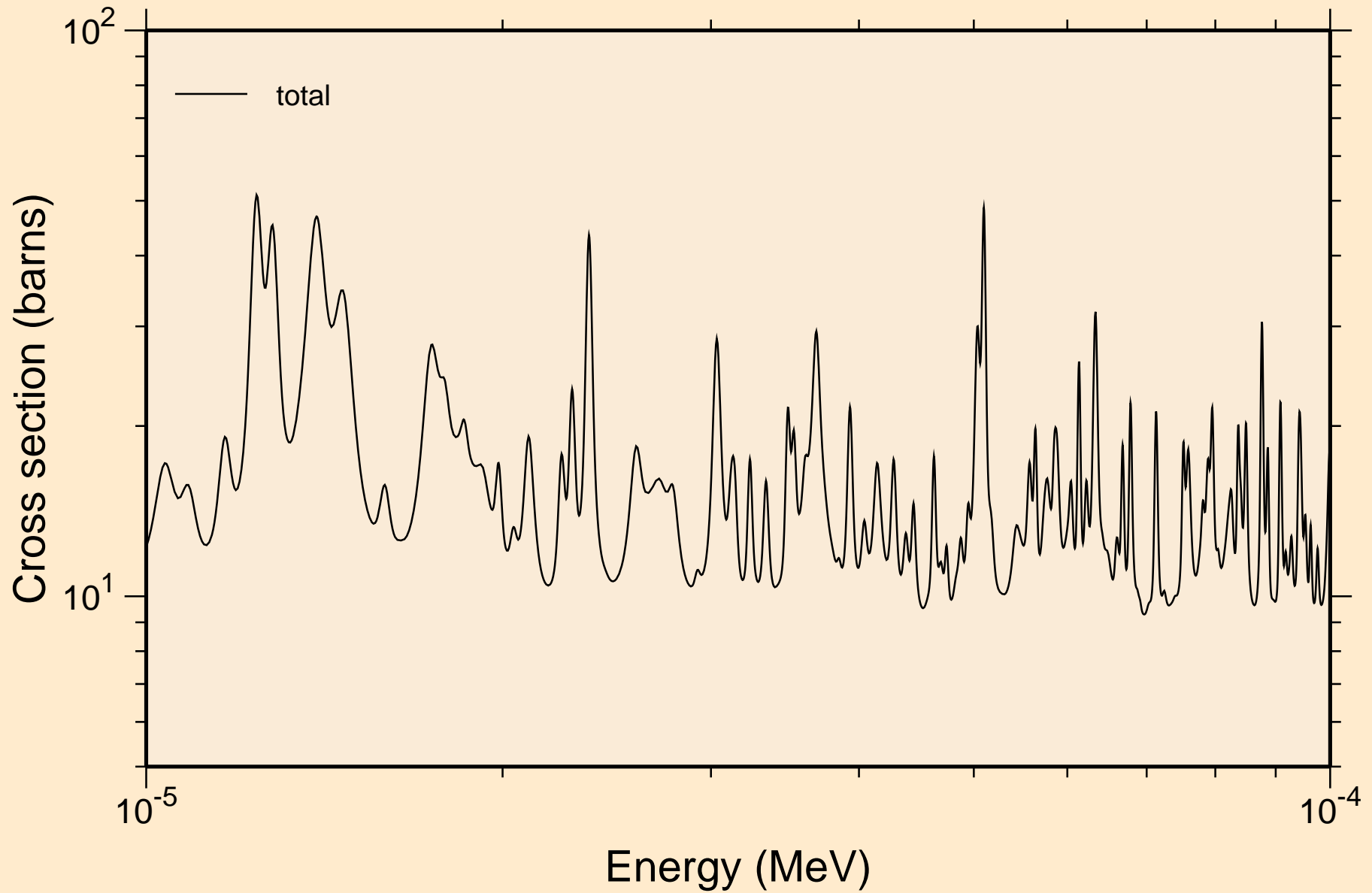
## Principal cross sections



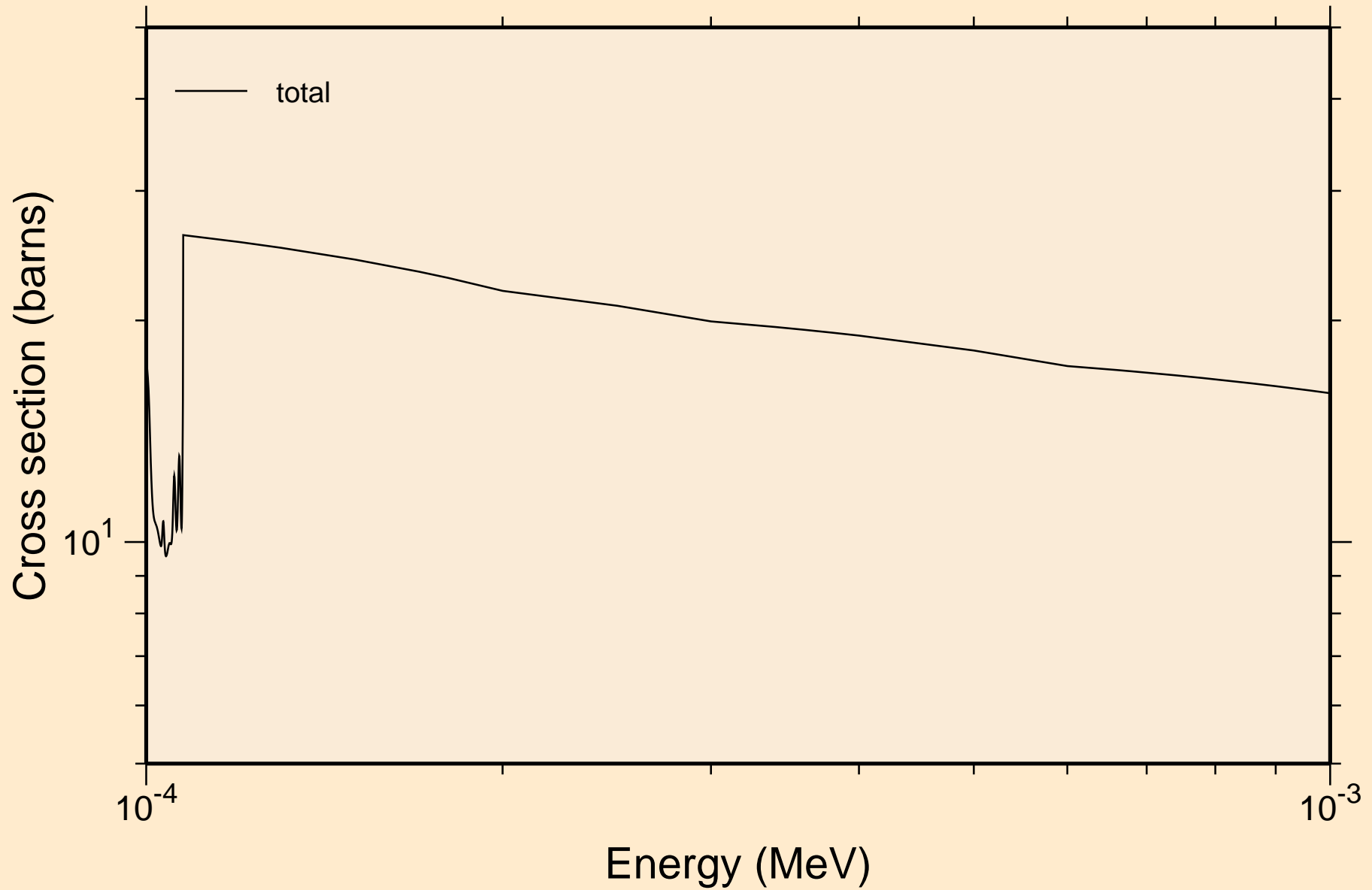
AC228 NRG TENDL-2015, AKONING  
resonance total cross section



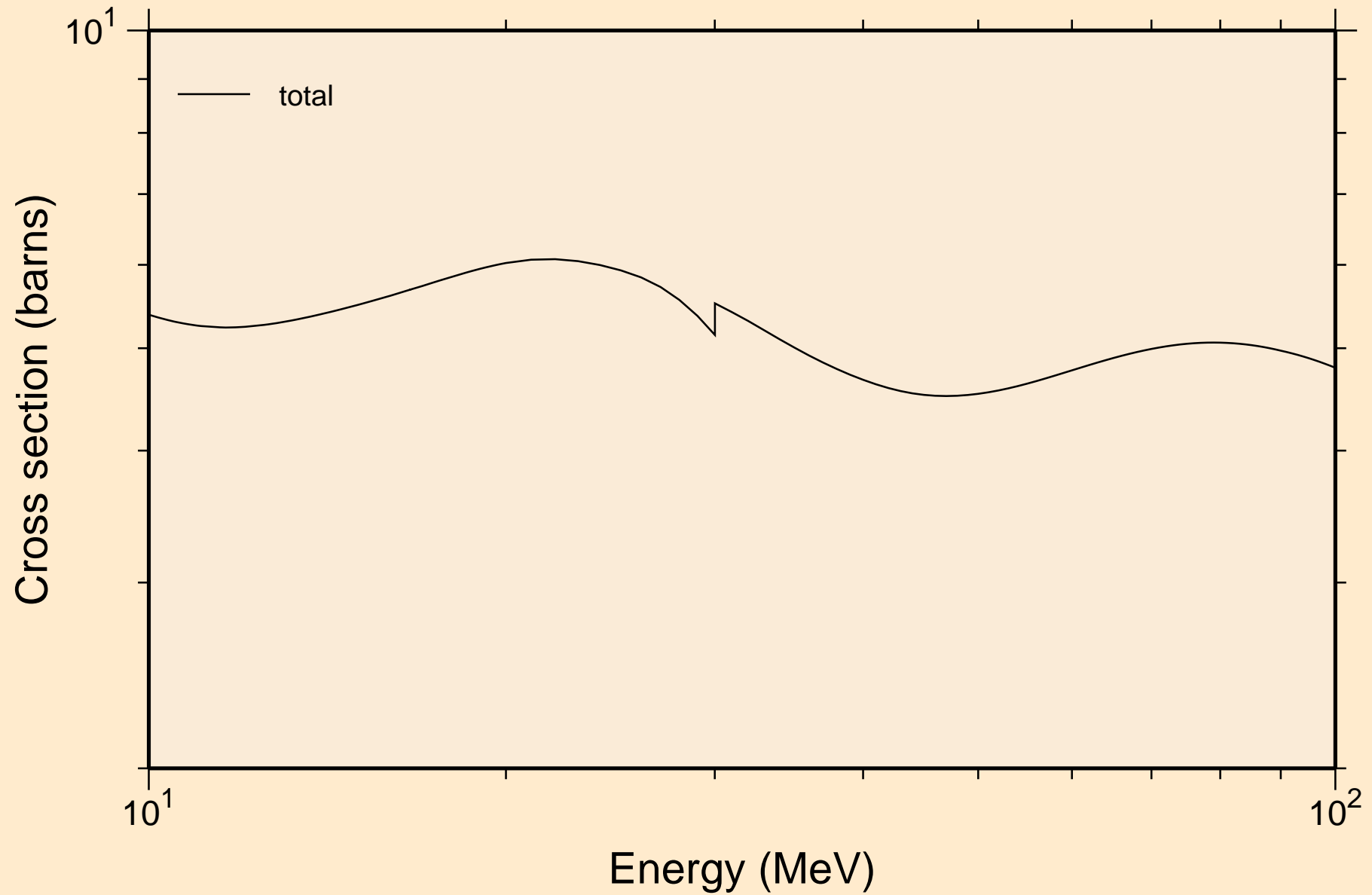
AC228 NRG TENDL-2015, AKONING  
resonance total cross section



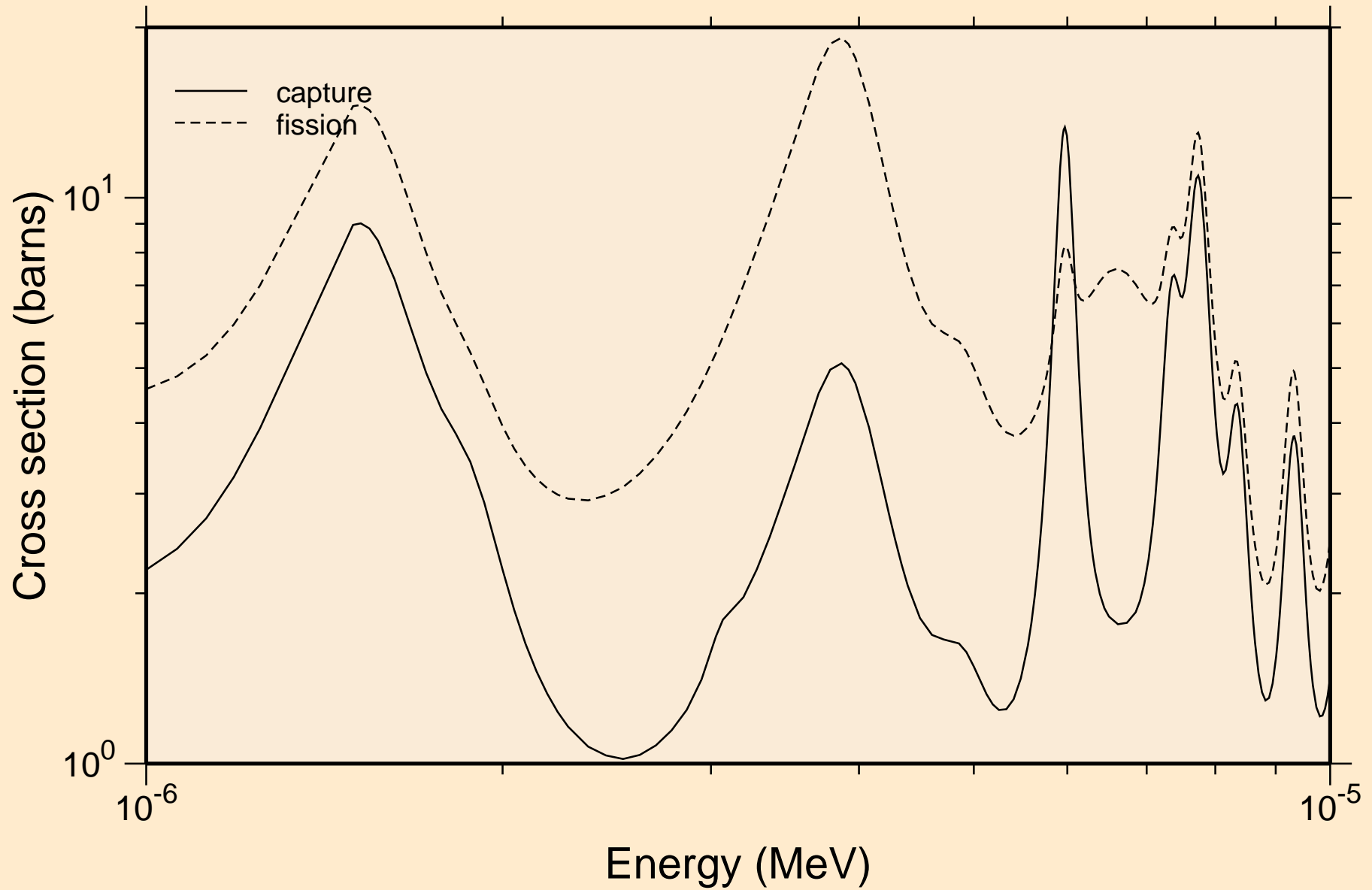
AC228 NRG TENDL-2015, AKONING  
resonance total cross section



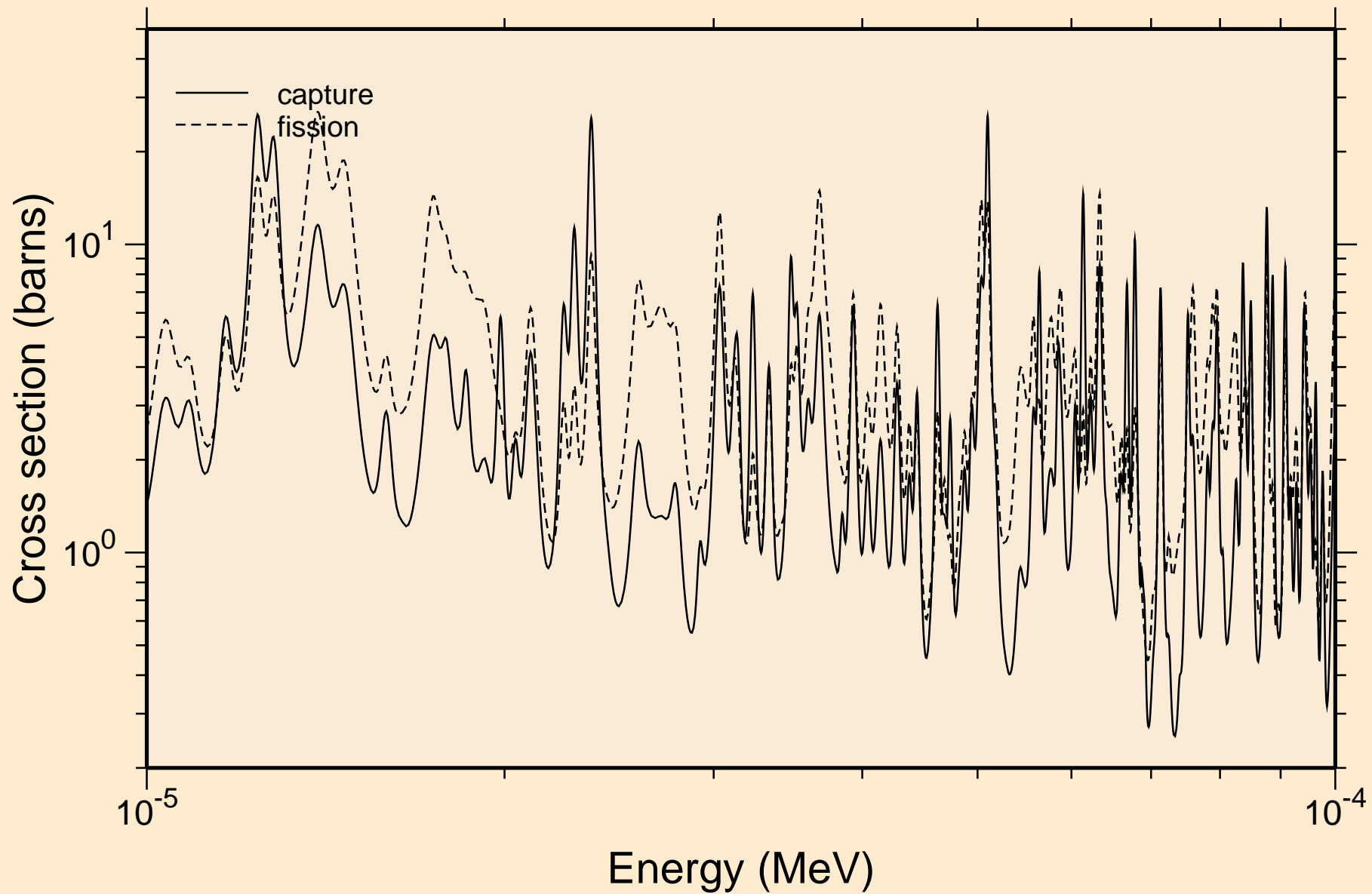
AC228 NRG TENDL-2015, AKONING  
resonance total cross section



AC228 NRG TENDL-2015, AKONING  
resonance absorption cross sections

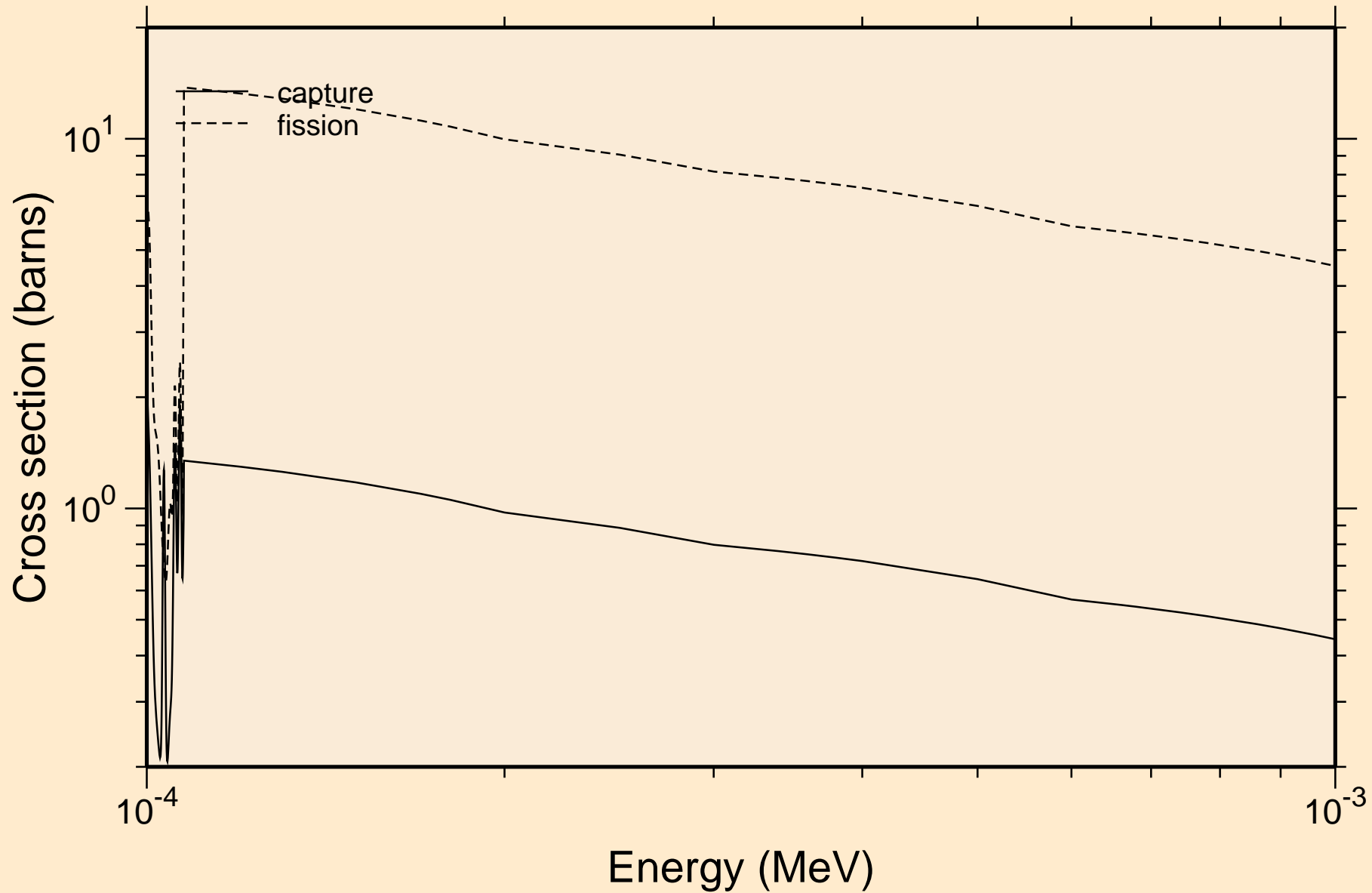


AC228 NRG TENDL-2015, AKONING  
resonance absorption cross sections



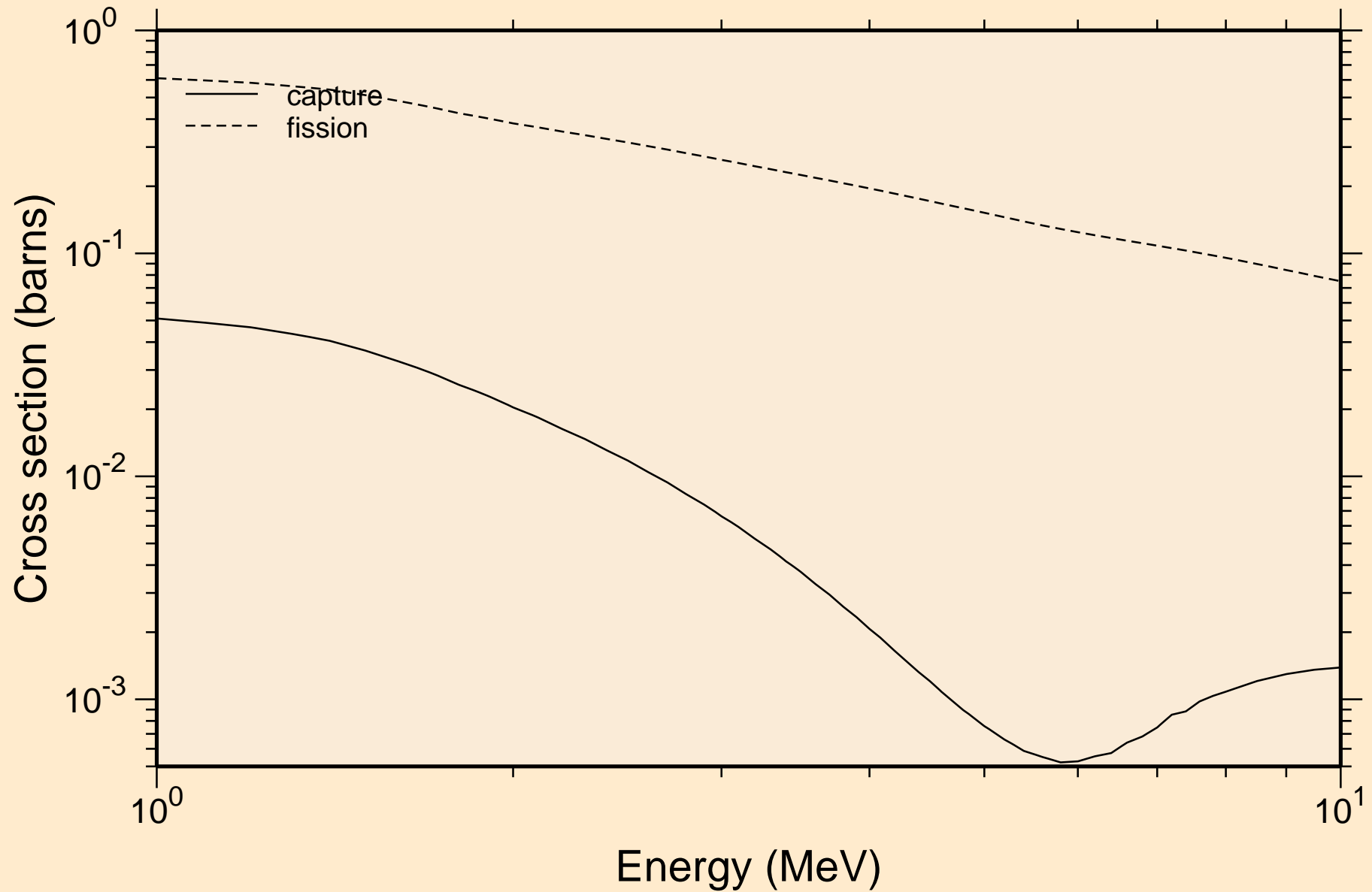
# AC228 NRG TENDL-2015, AKONING

## resonance absorption cross sections



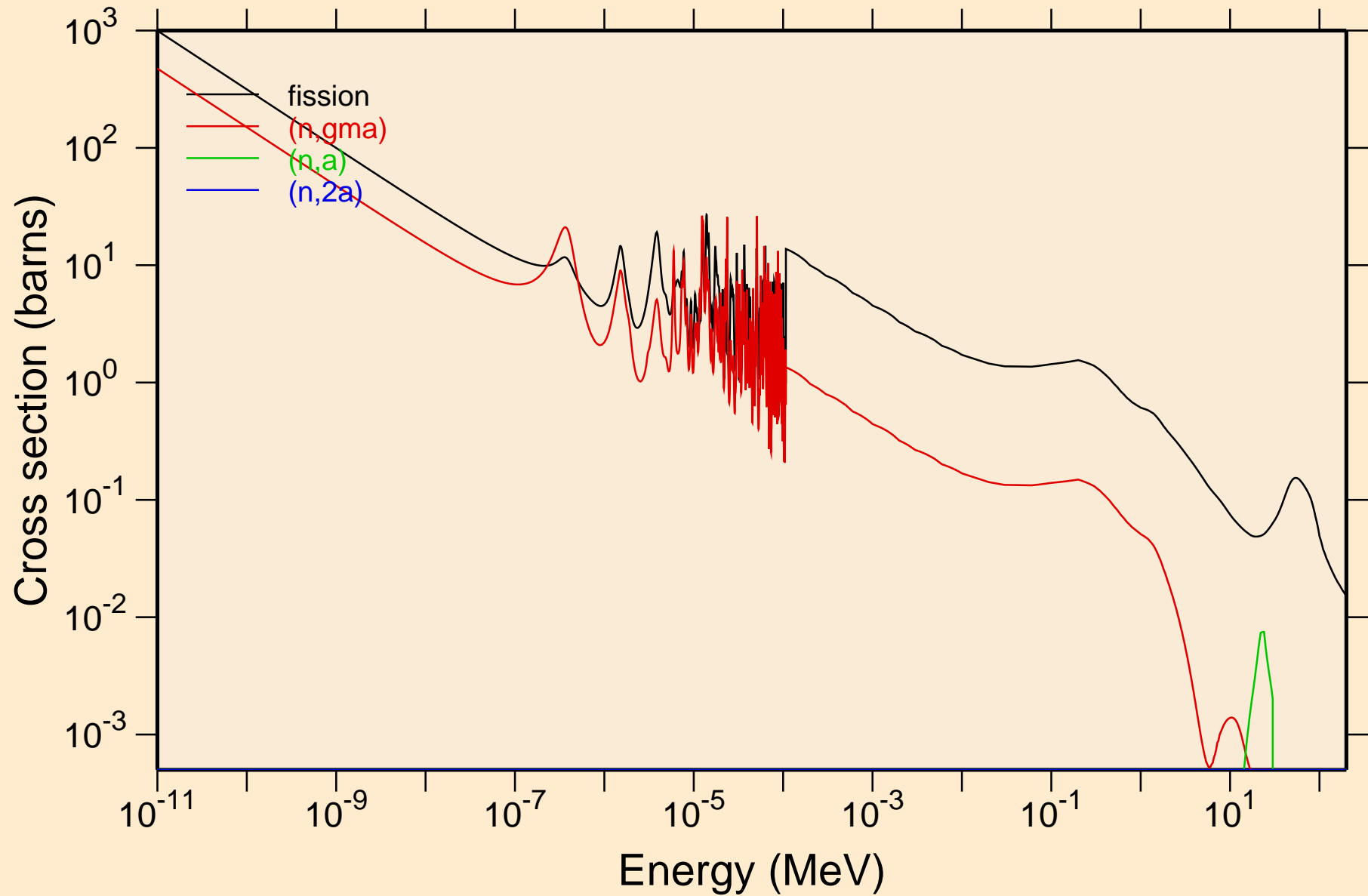


AC228 NRG TENDL-2015, AKONING  
resonance absorption cross sections



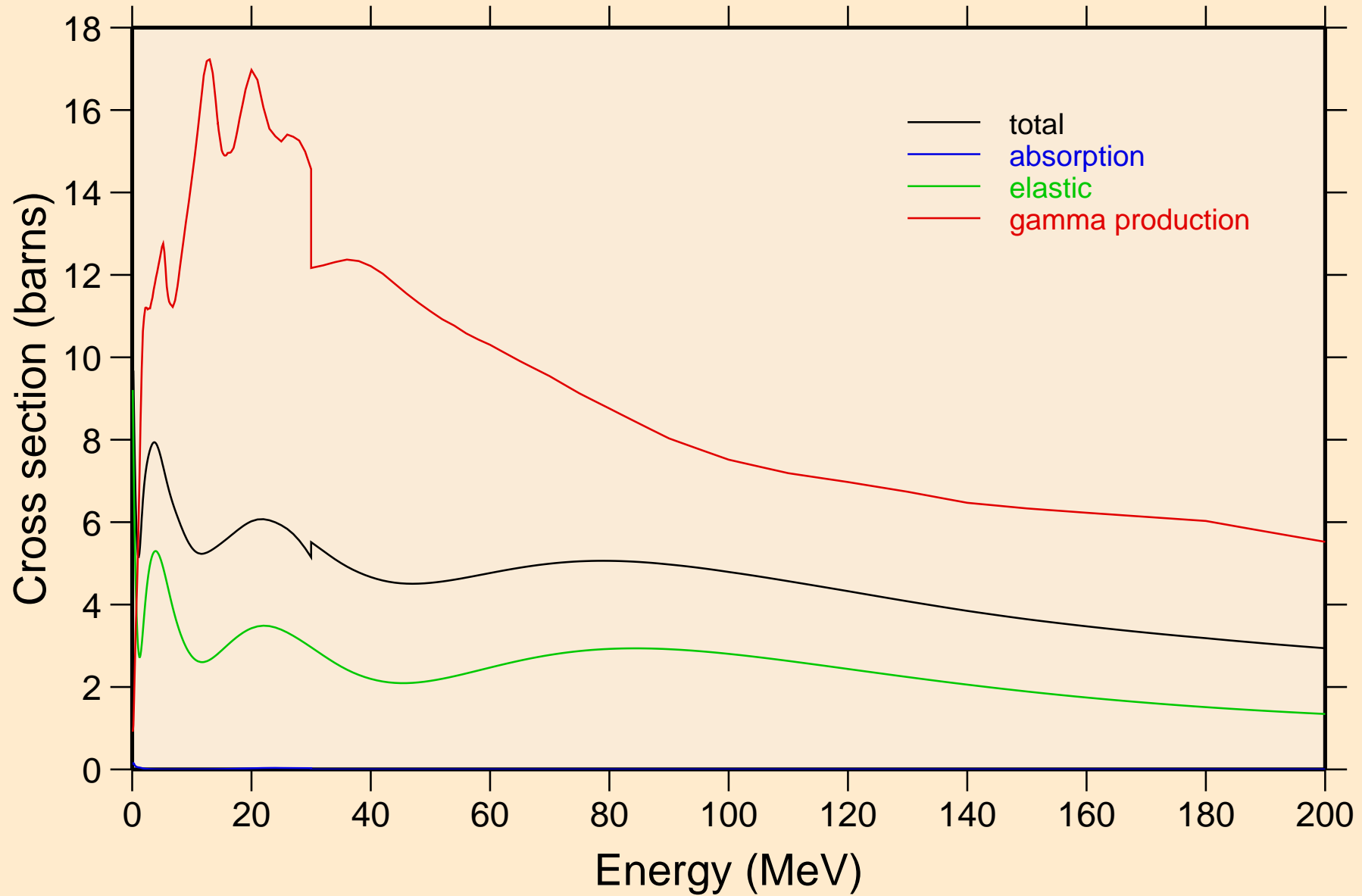
# AC228 NRG TENDL-2015, AKONING

## Non-threshold reactions



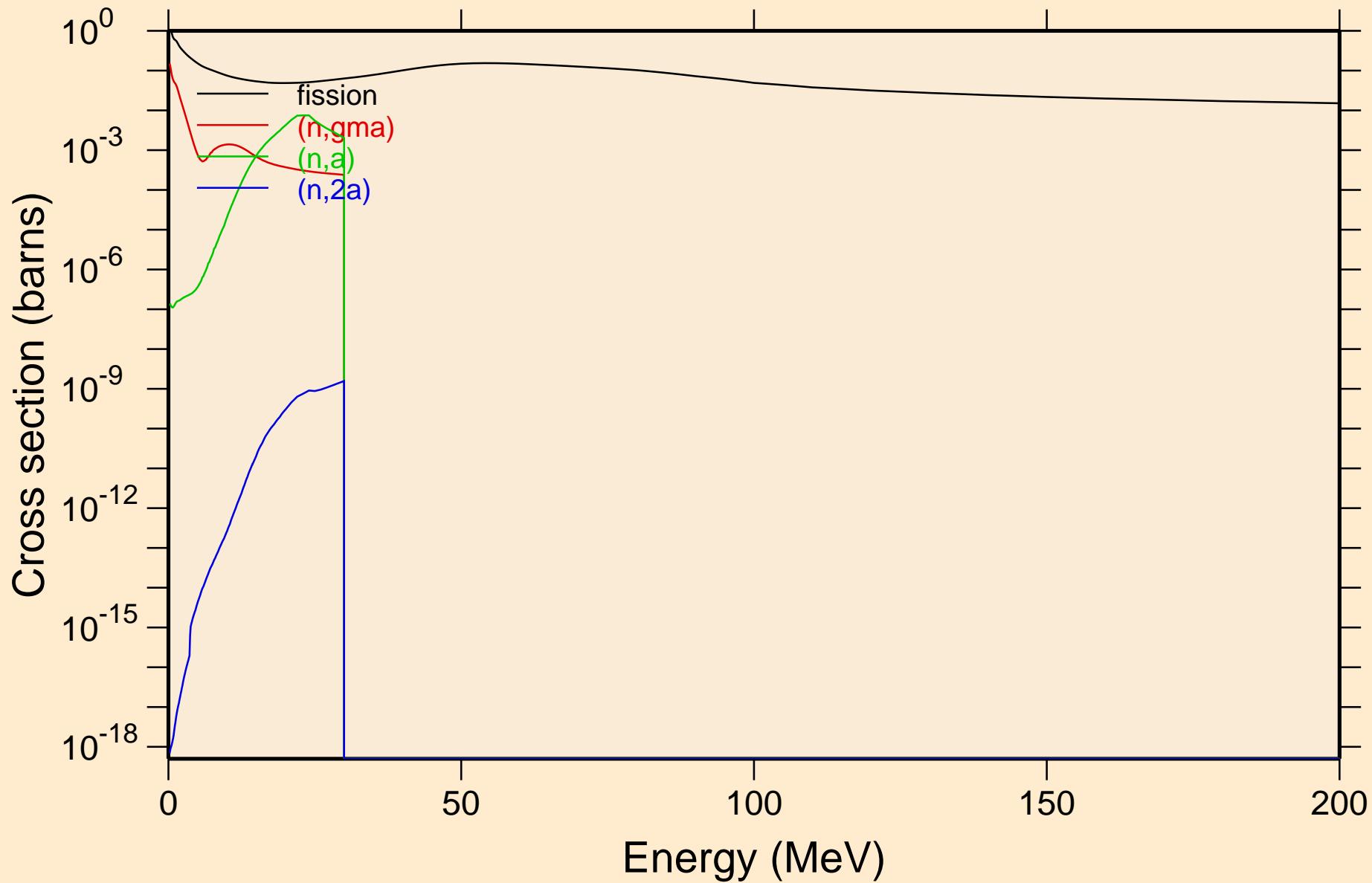
# AC228 NRG TENDL-2015, AKONING

## Principal cross sections



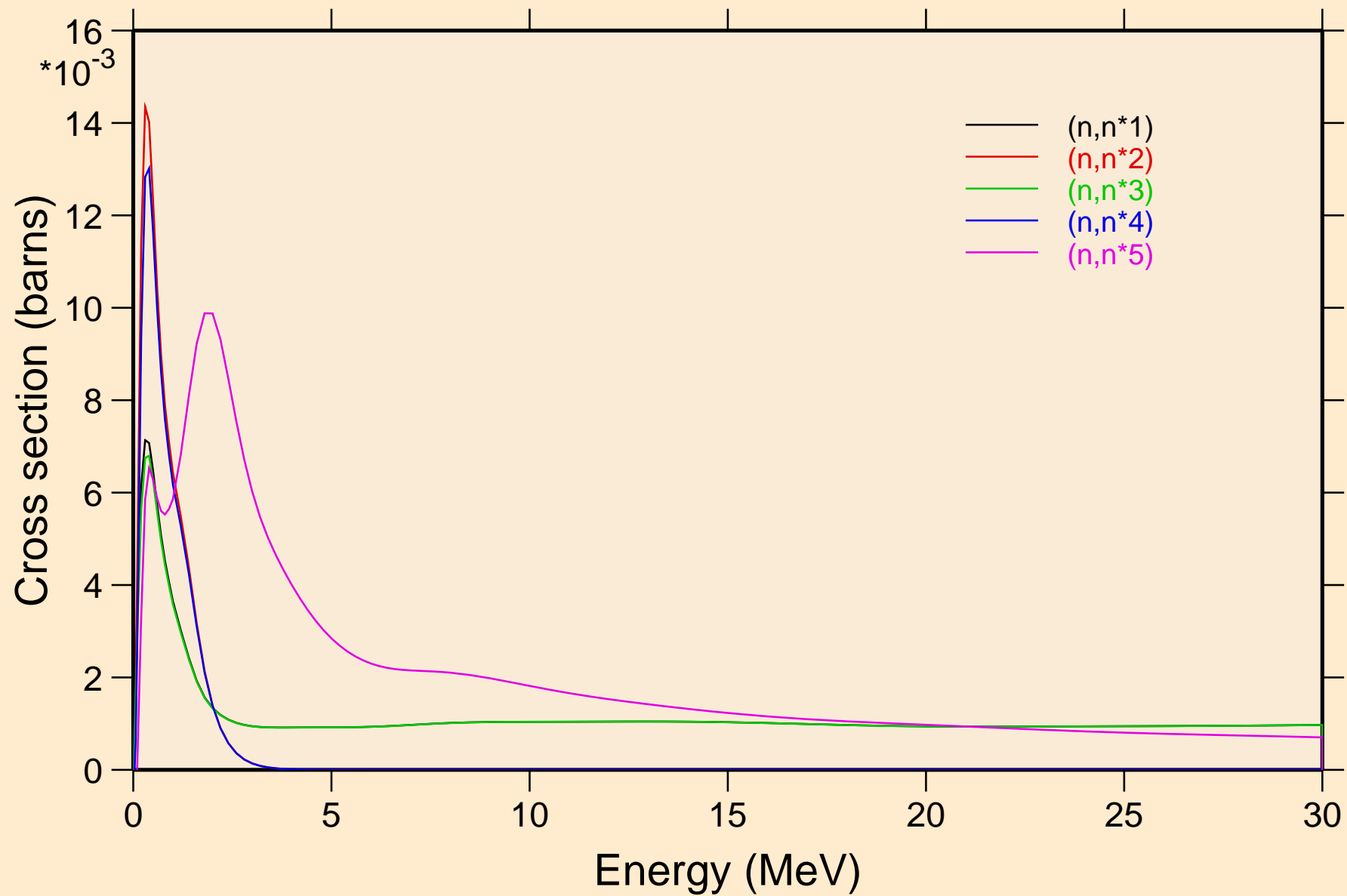
# AC228 NRG TENDL-2015, AKONING

## Non-threshold reactions



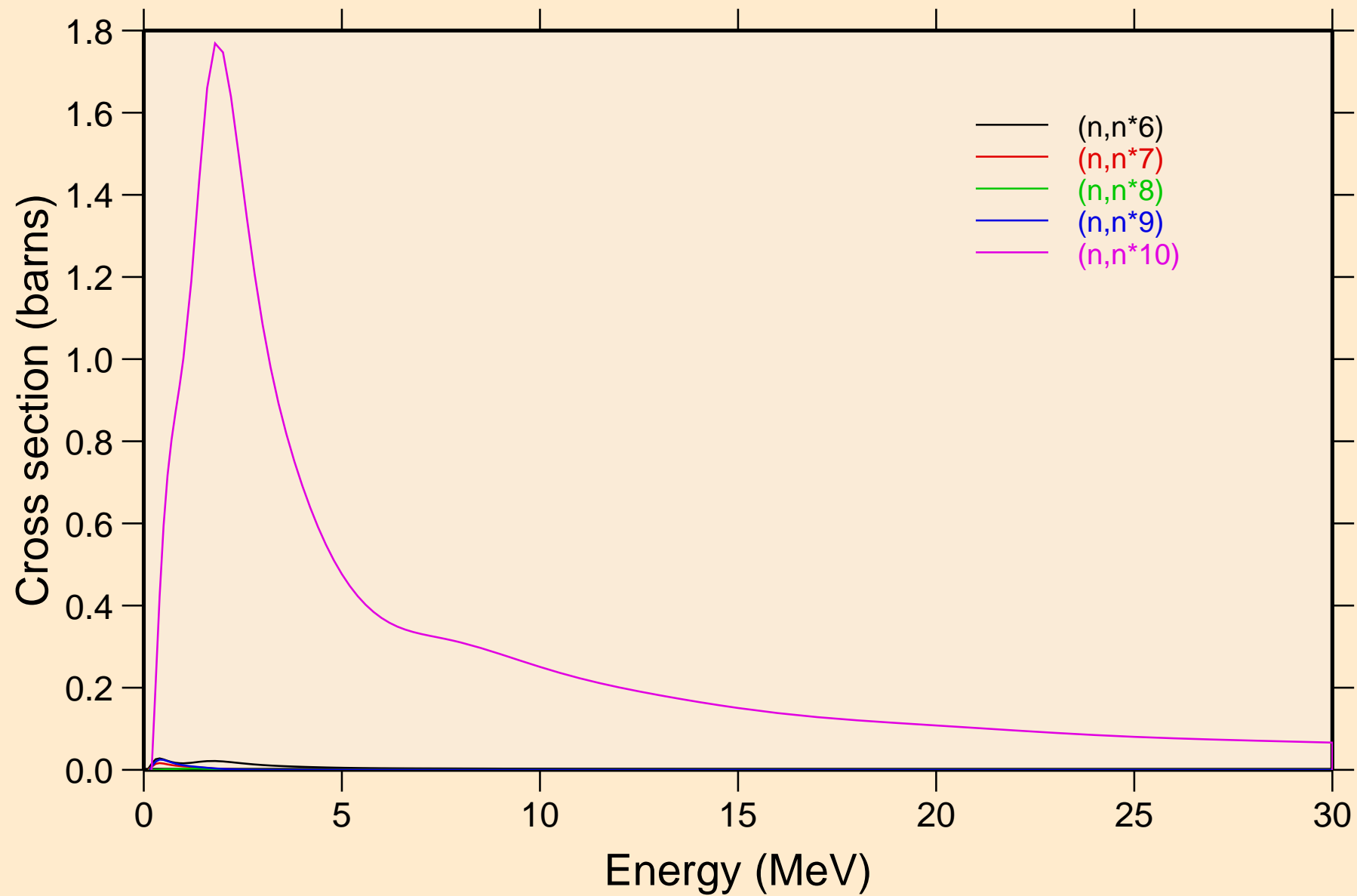
# AC228 NRG TENDL-2015, AKONING

## Inelastic levels



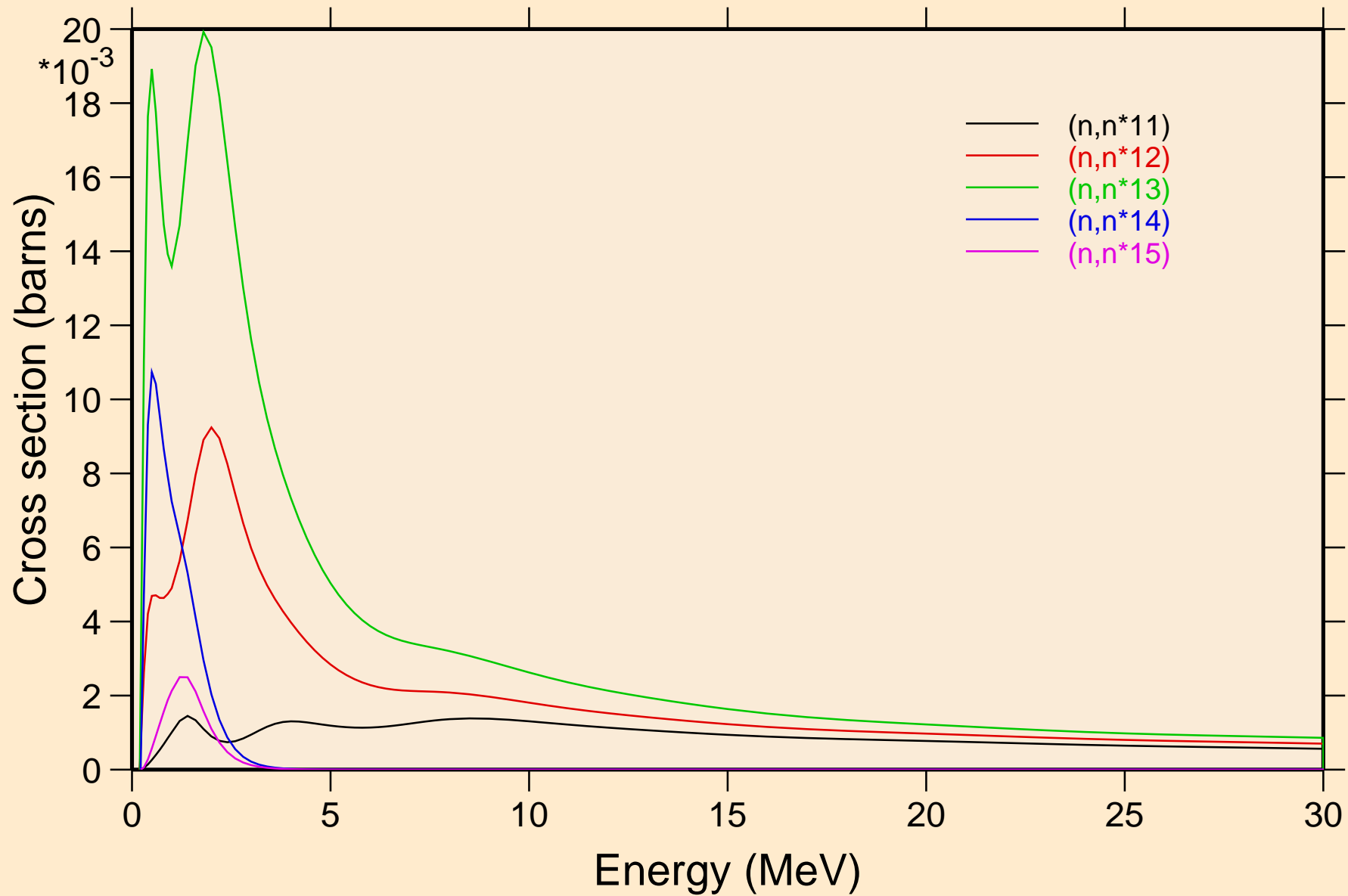
# AC228 NRG TENDL-2015, AKONING

## Inelastic levels



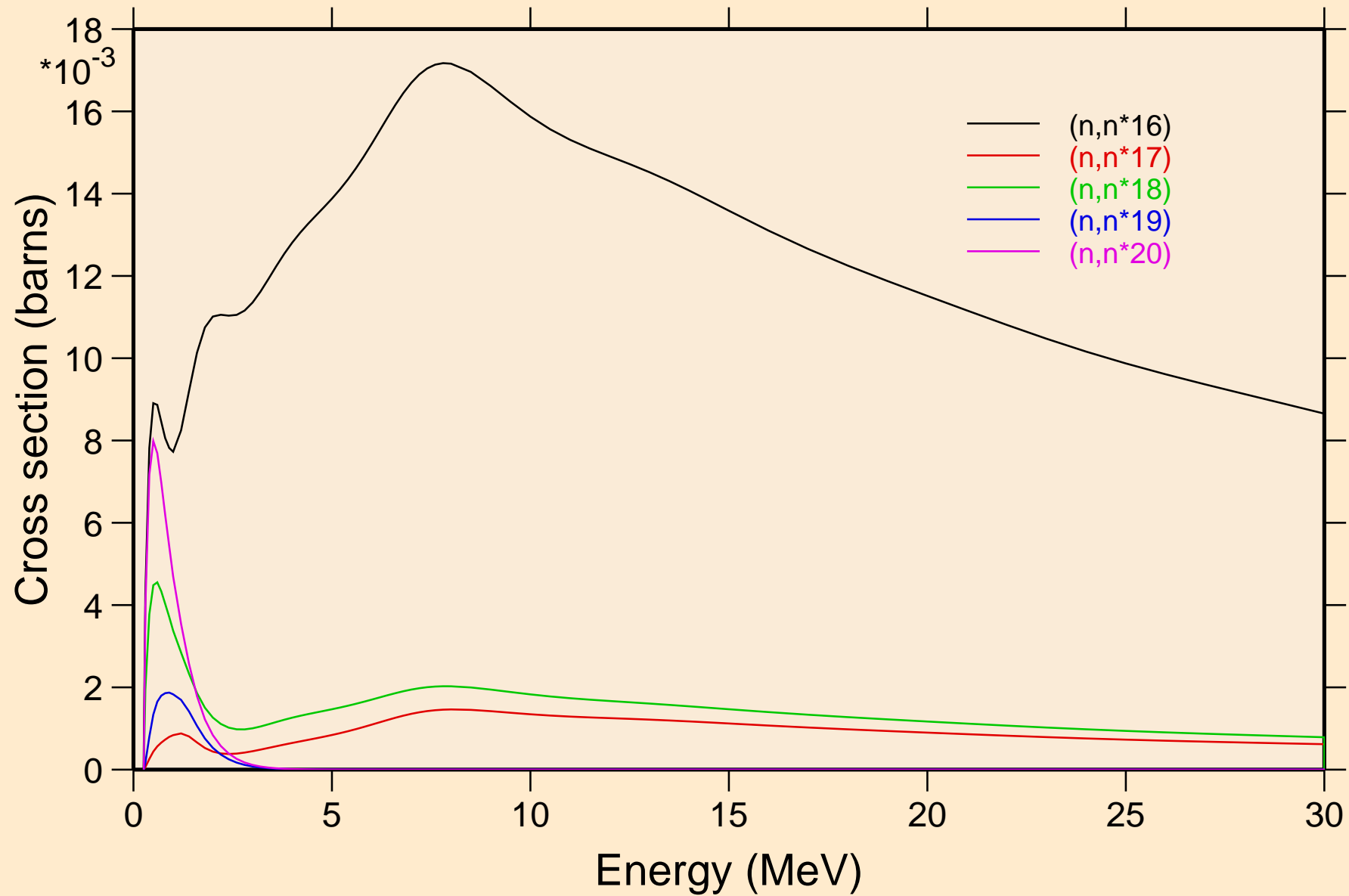
# AC228 NRG TENDL-2015, AKONING

## Inelastic levels



# AC228 NRG TENDL-2015, AKONING

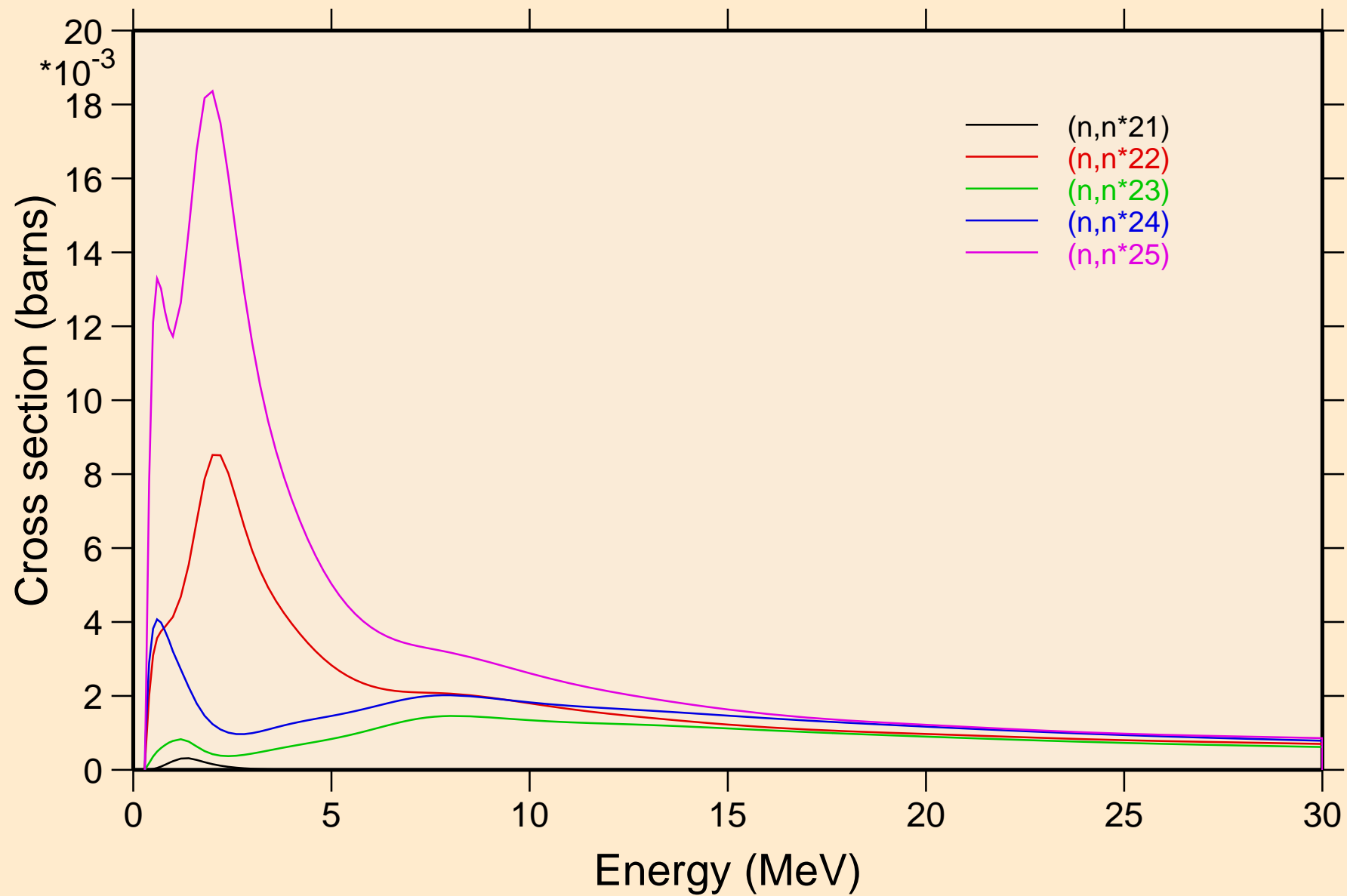
## Inelastic levels





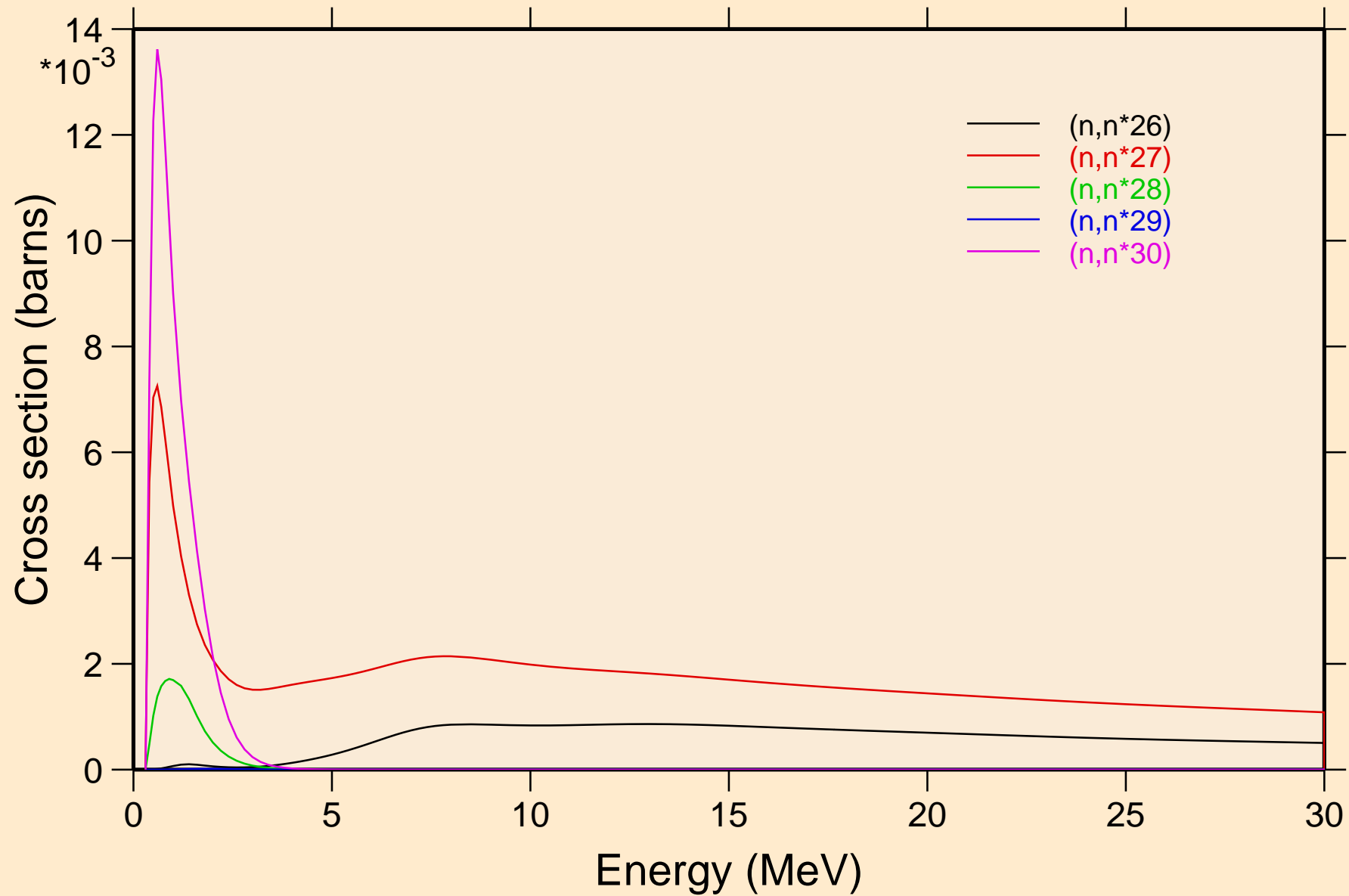
# AC228 NRG TENDL-2015, AKONING

## Inelastic levels



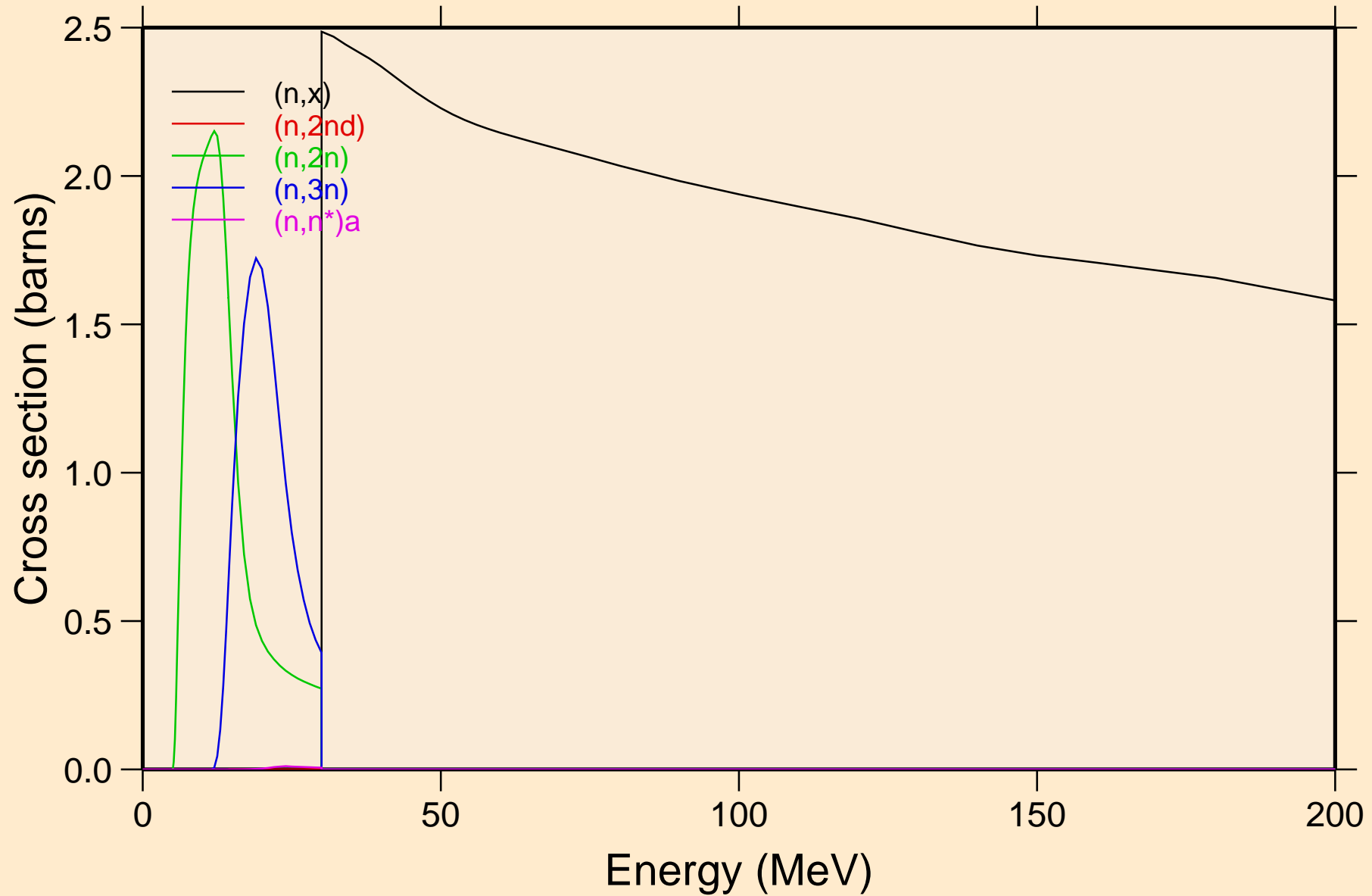
# AC228 NRG TENDL-2015, AKONING

## Inelastic levels



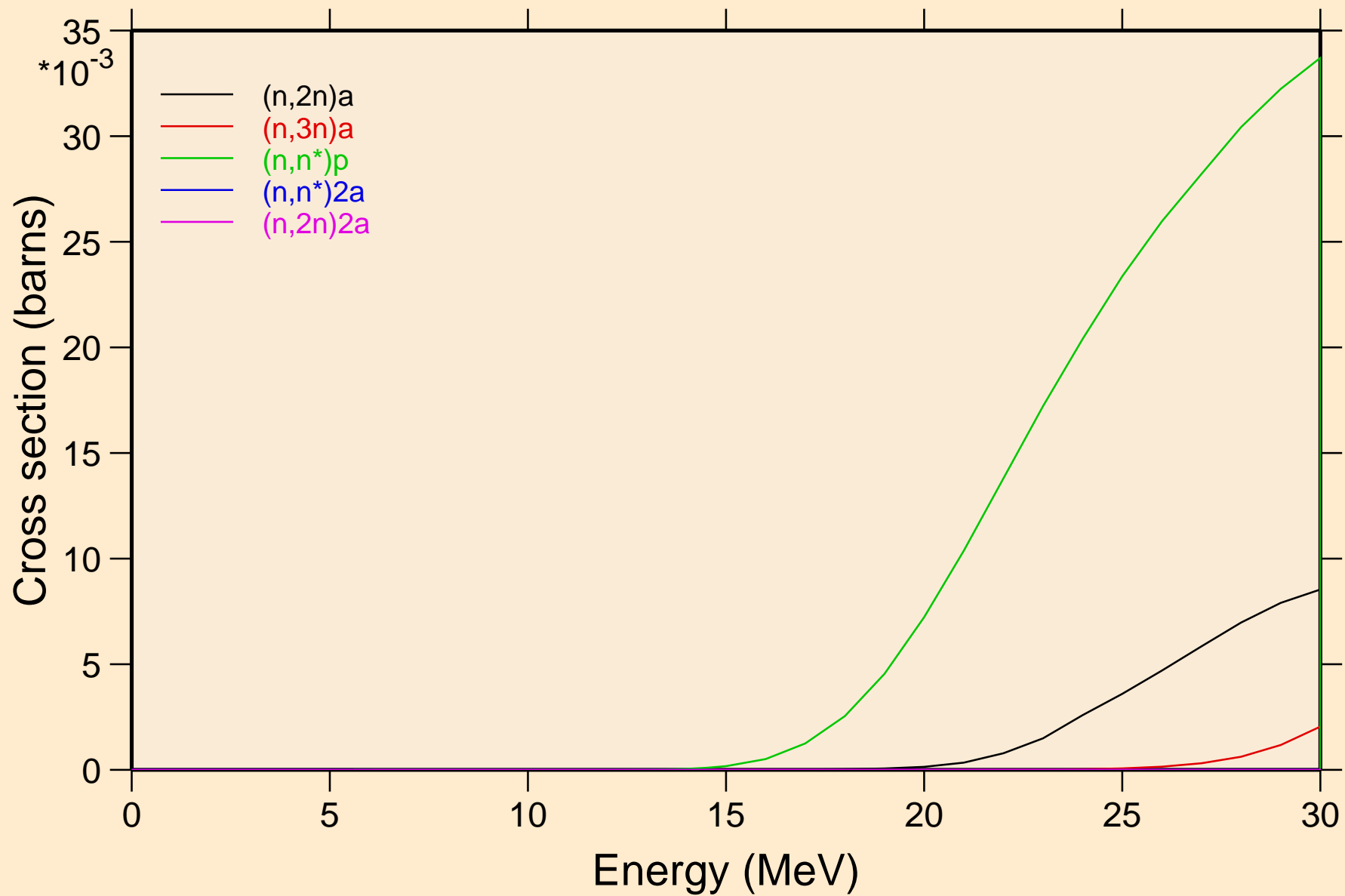
# AC228 NRG TENDL-2015, AKONING

## Threshold reactions



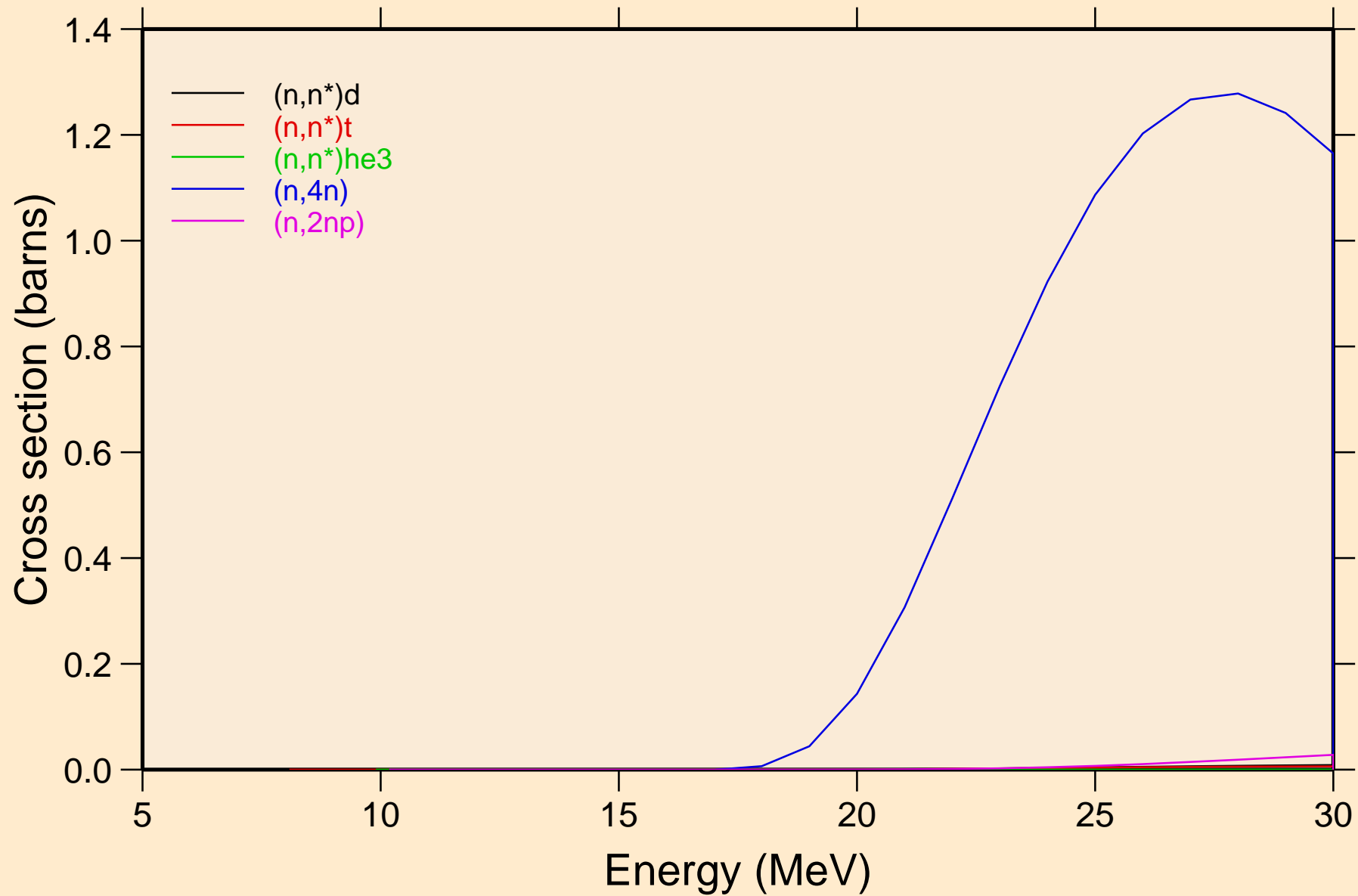
# AC228 NRG TENDL-2015, AKONING

## Threshold reactions



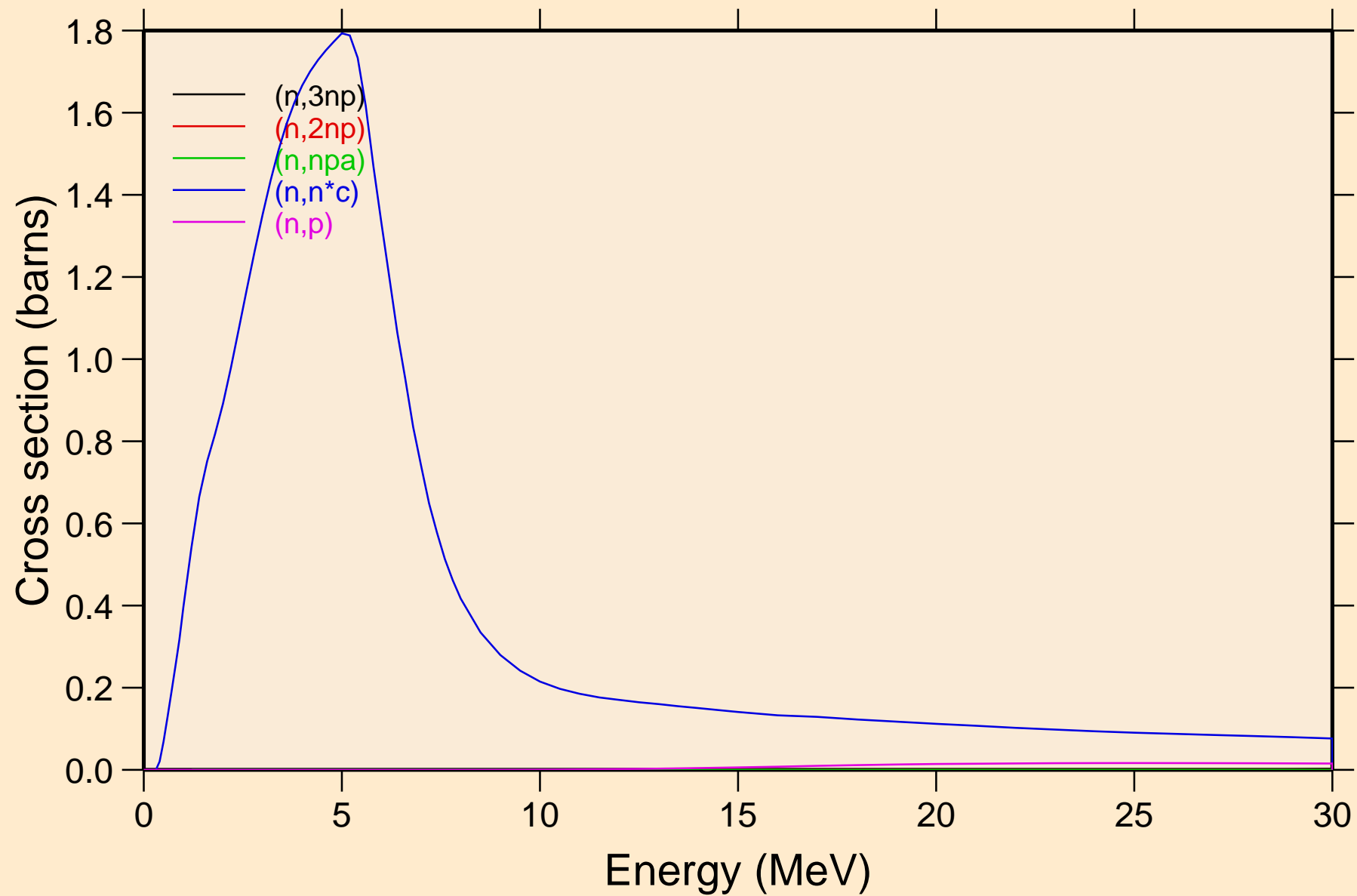
# AC228 NRG TENDL-2015, AKONING

## Threshold reactions



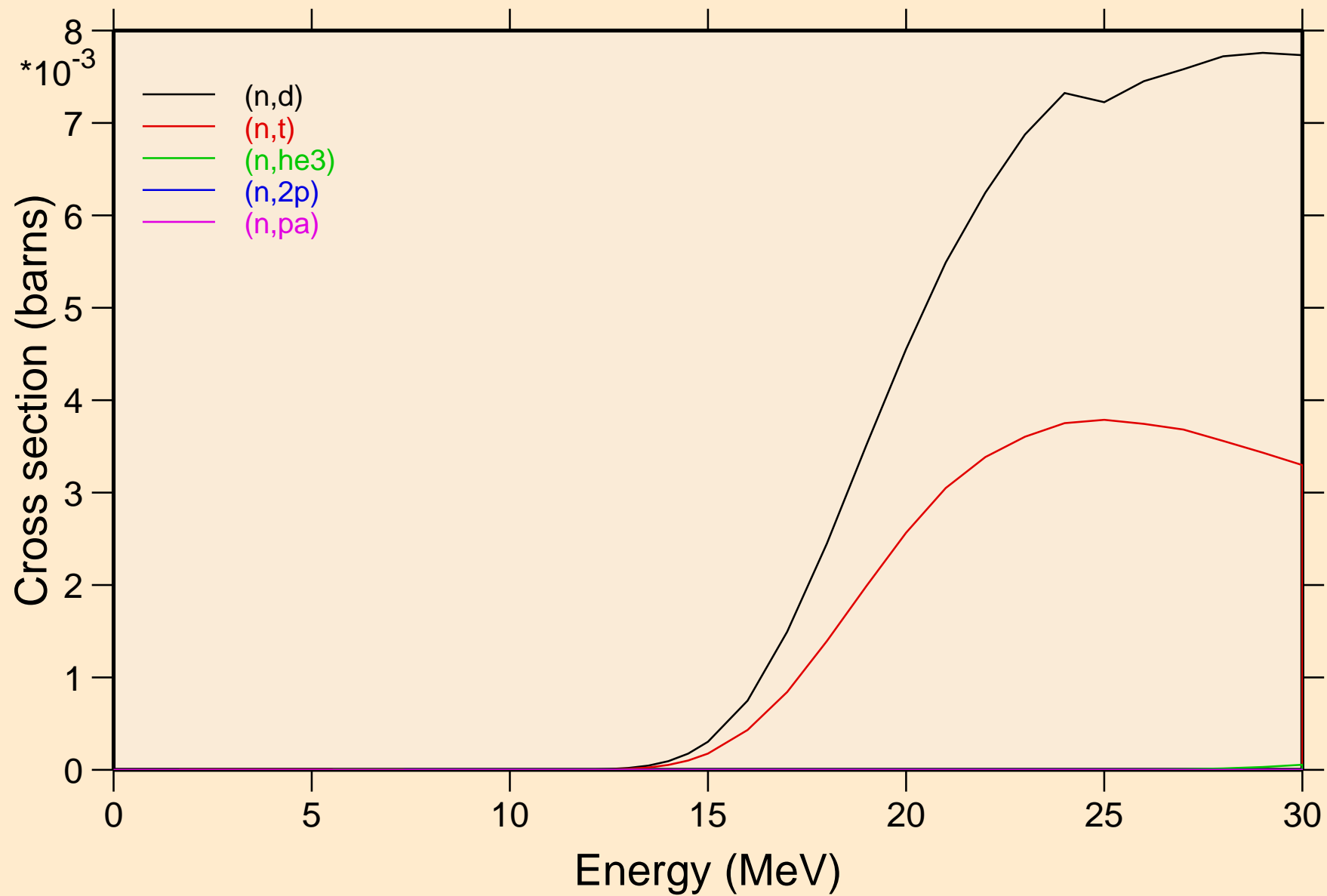
# AC228 NRG TENDL-2015, AKONING

## Threshold reactions

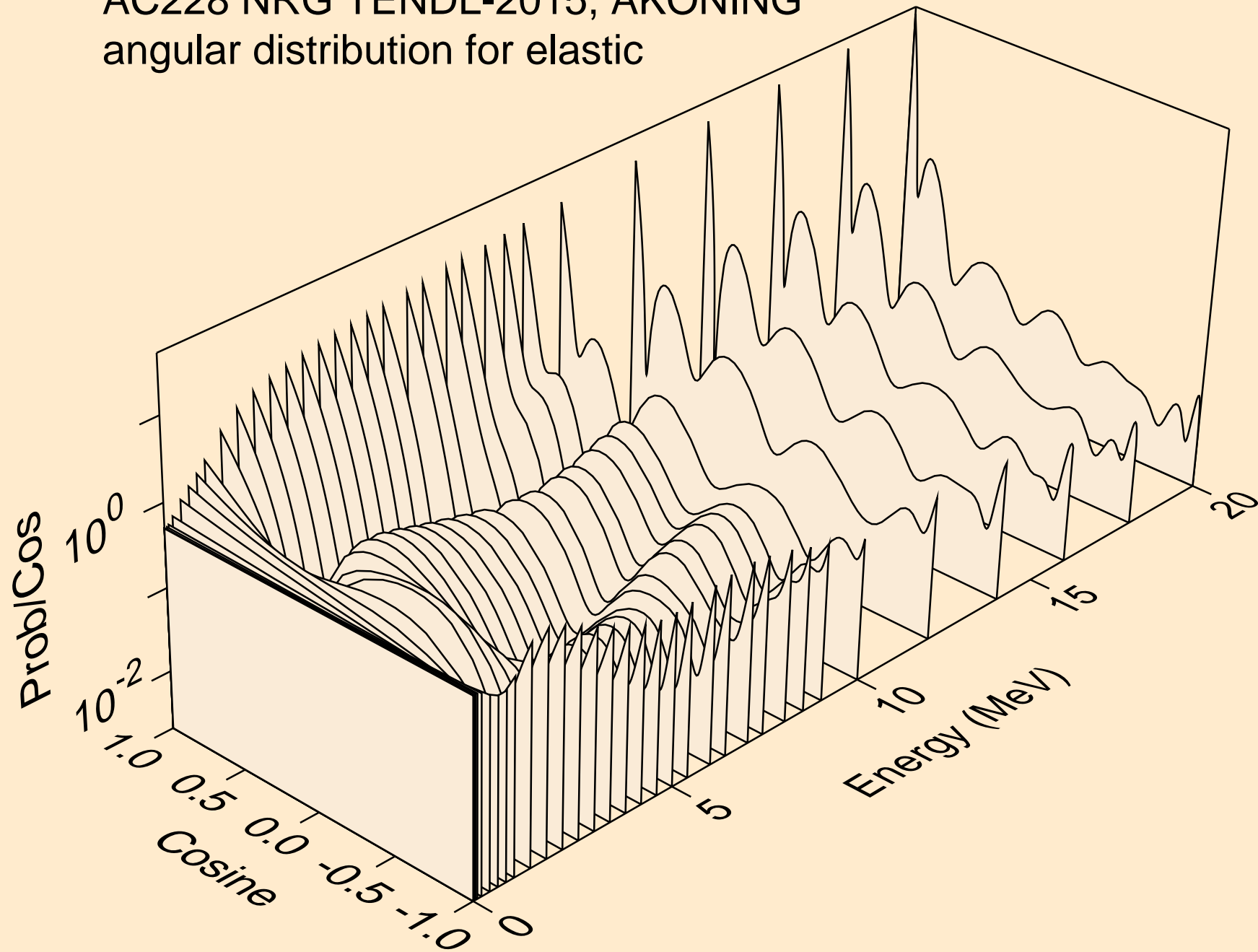


# AC228 NRG TENDL-2015, AKONING

## Threshold reactions

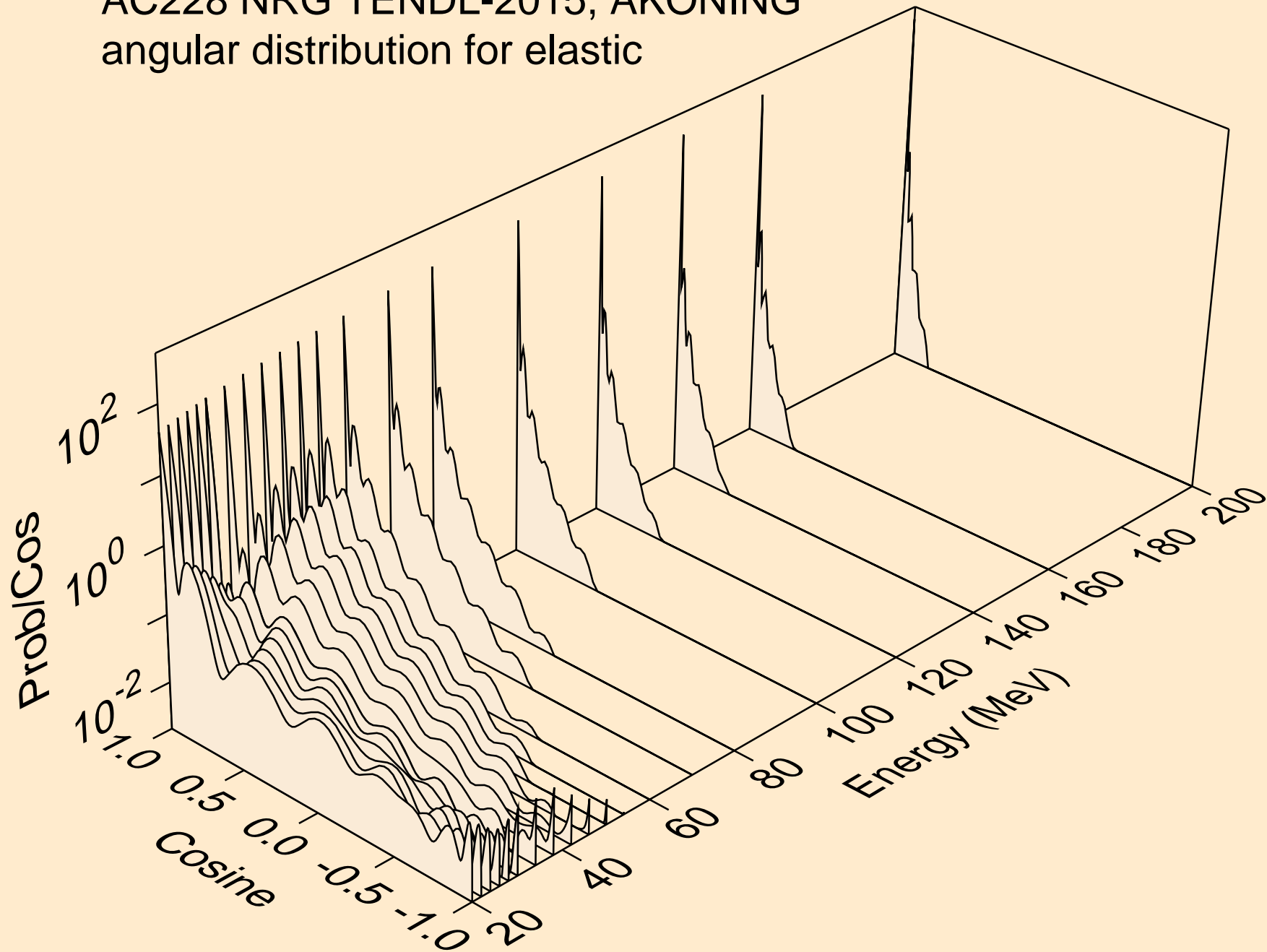


AC228 NRG TENDL-2015, AKONING  
angular distribution for elastic

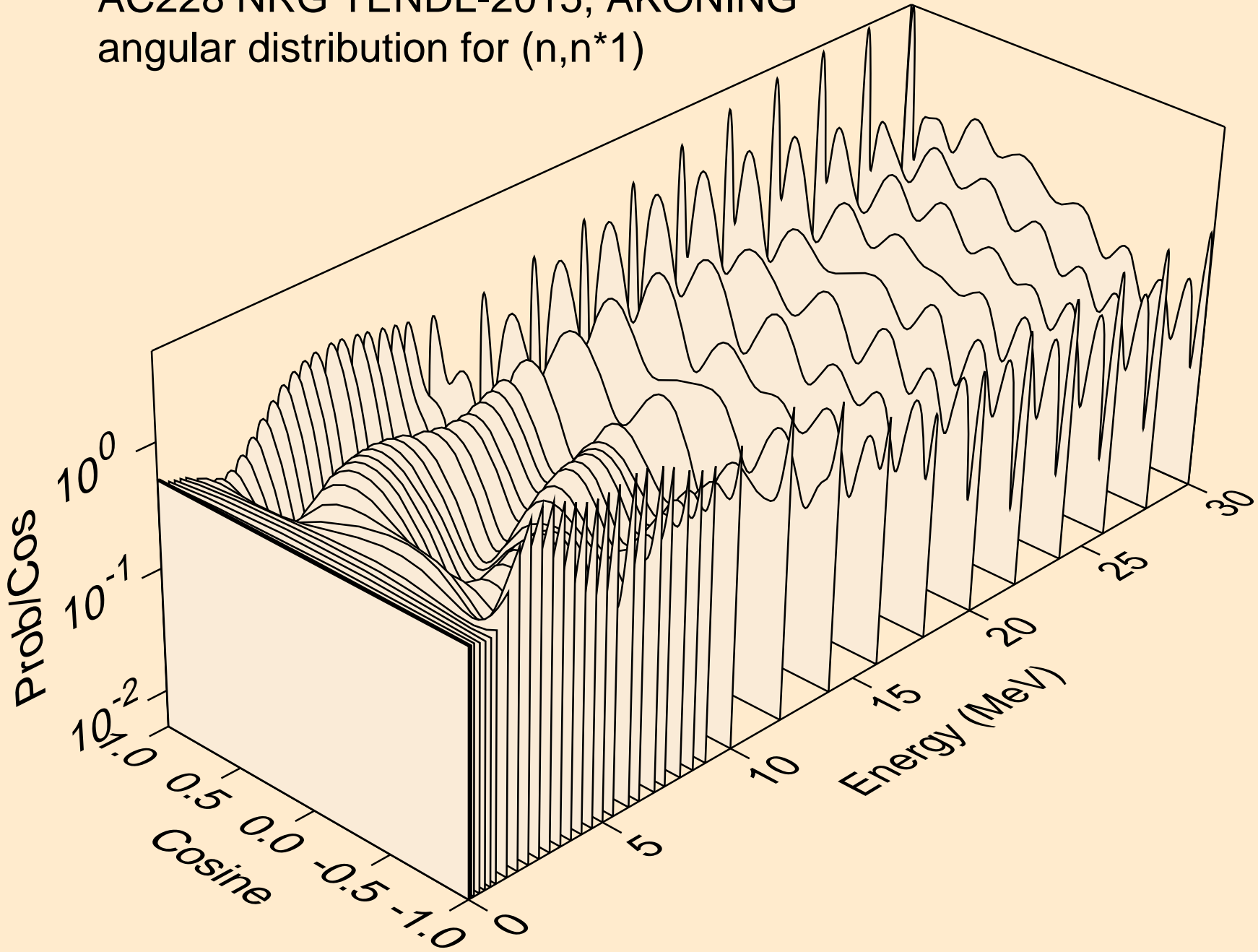




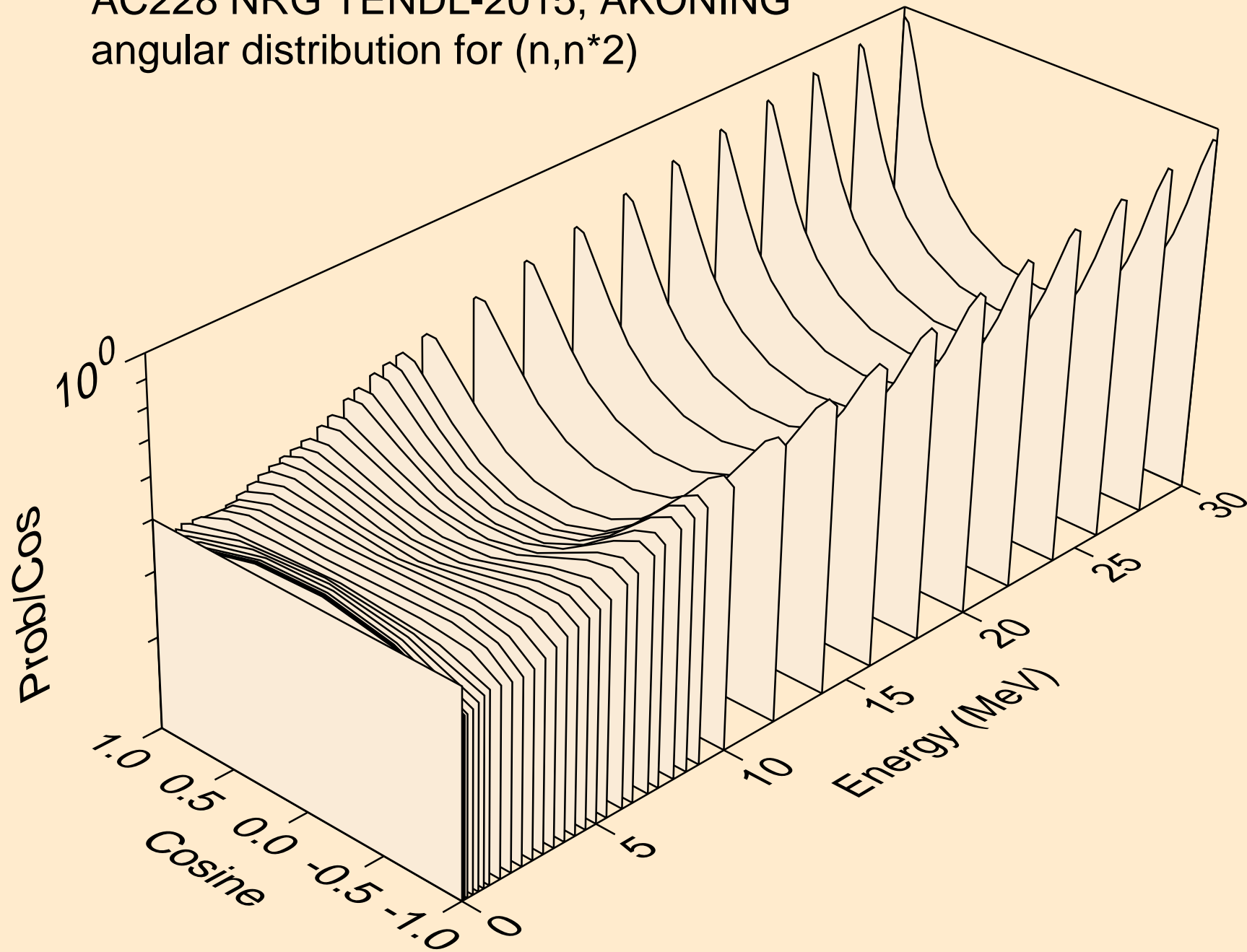
AC228 NRG TENDL-2015, AKONING  
angular distribution for elastic



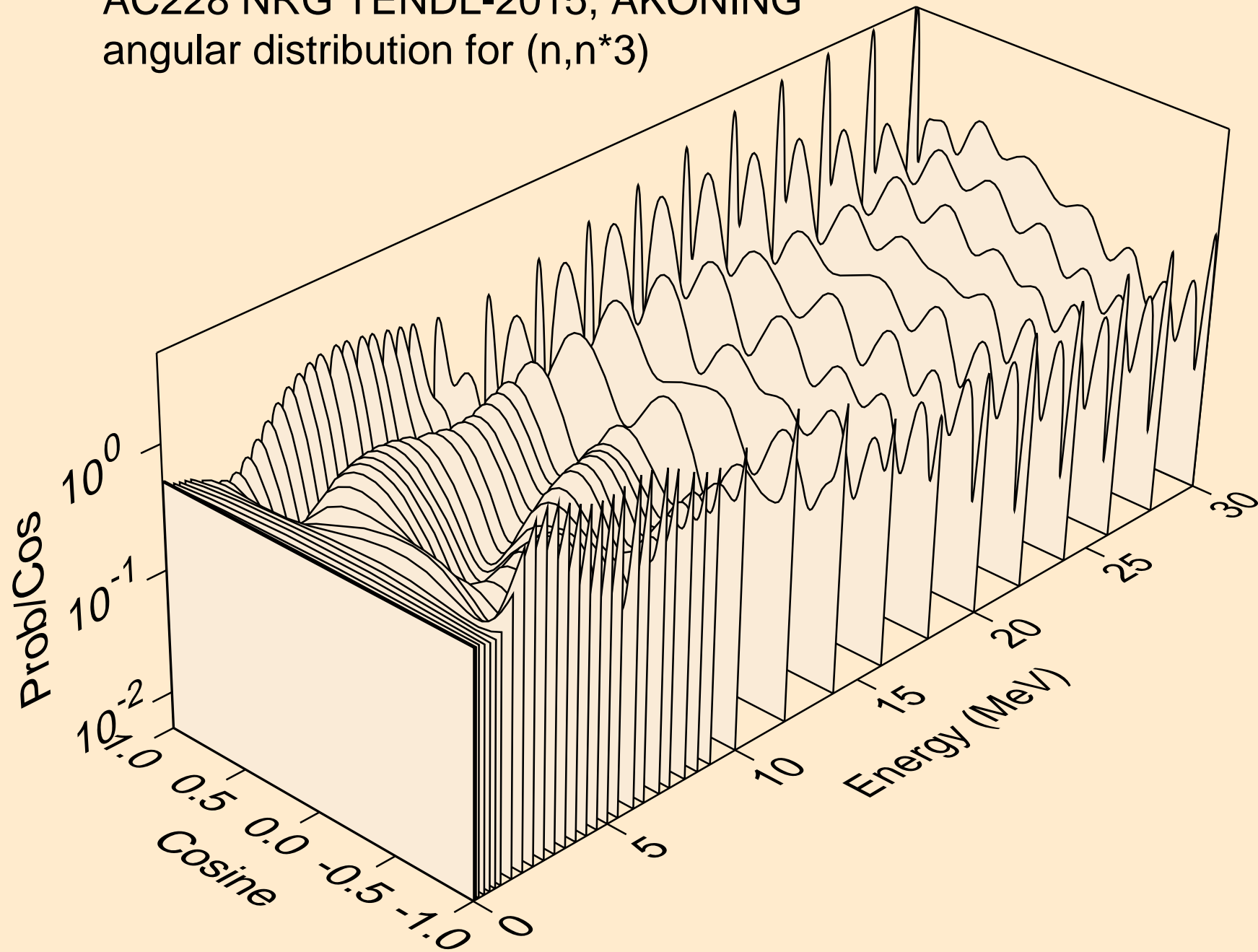
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



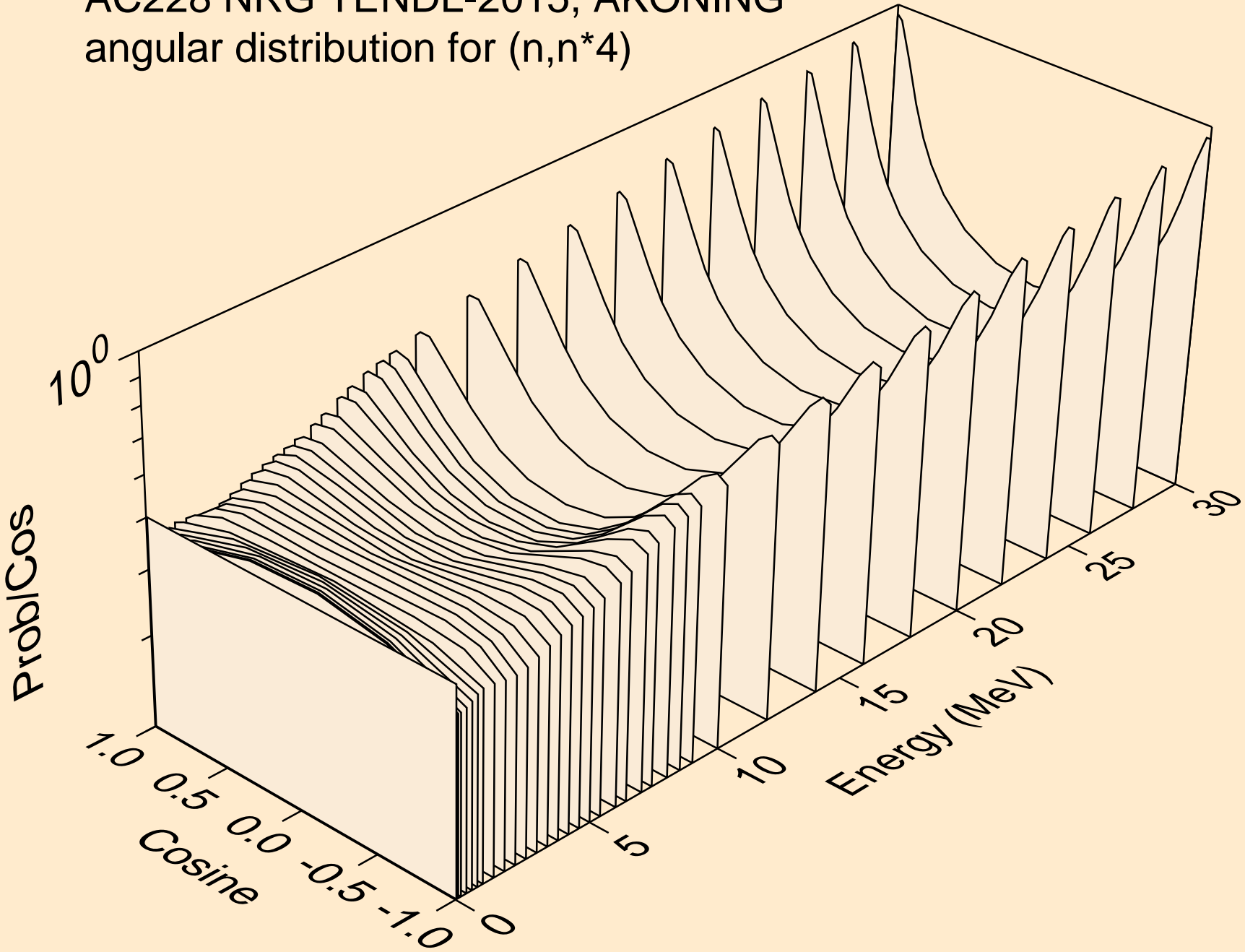
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



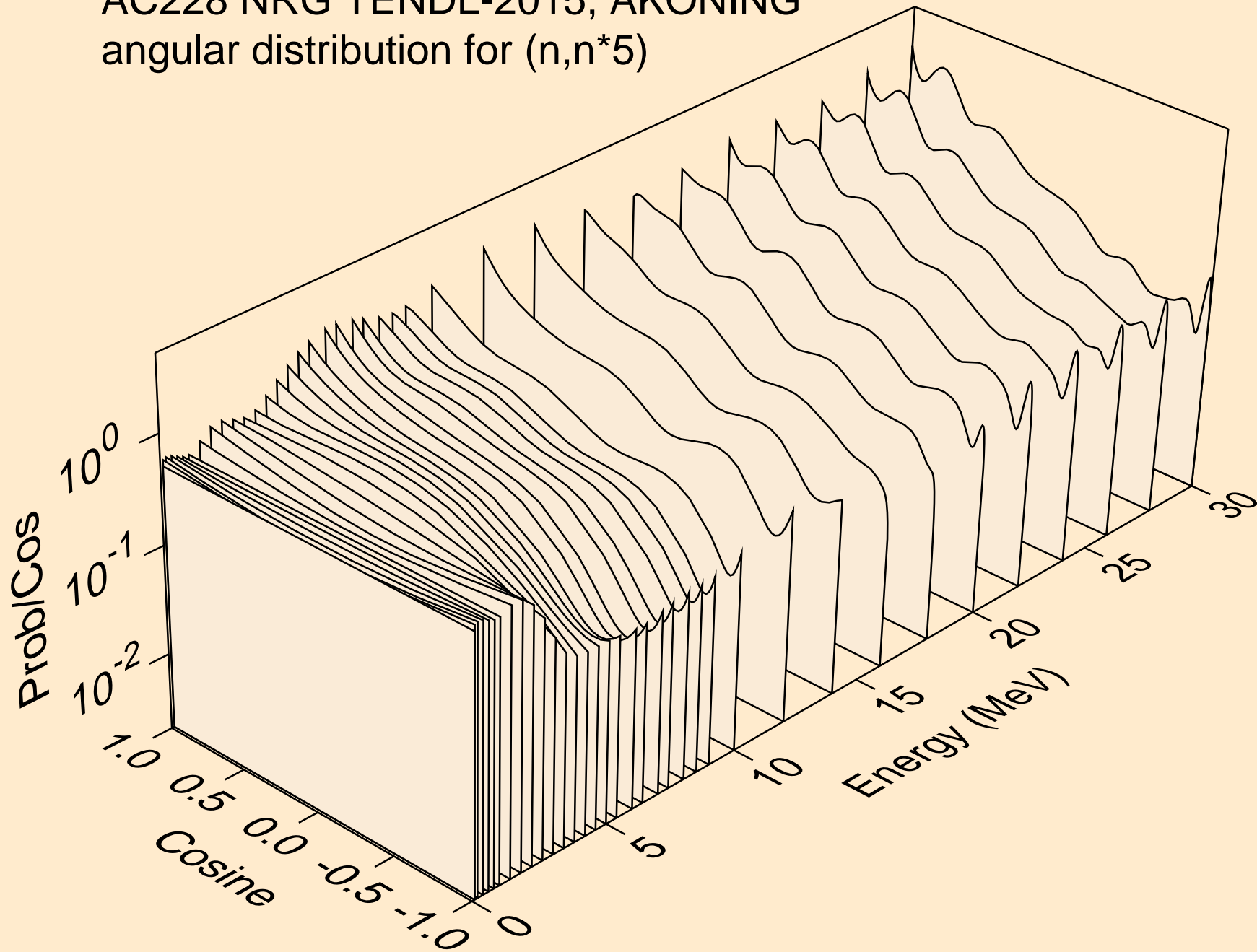
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



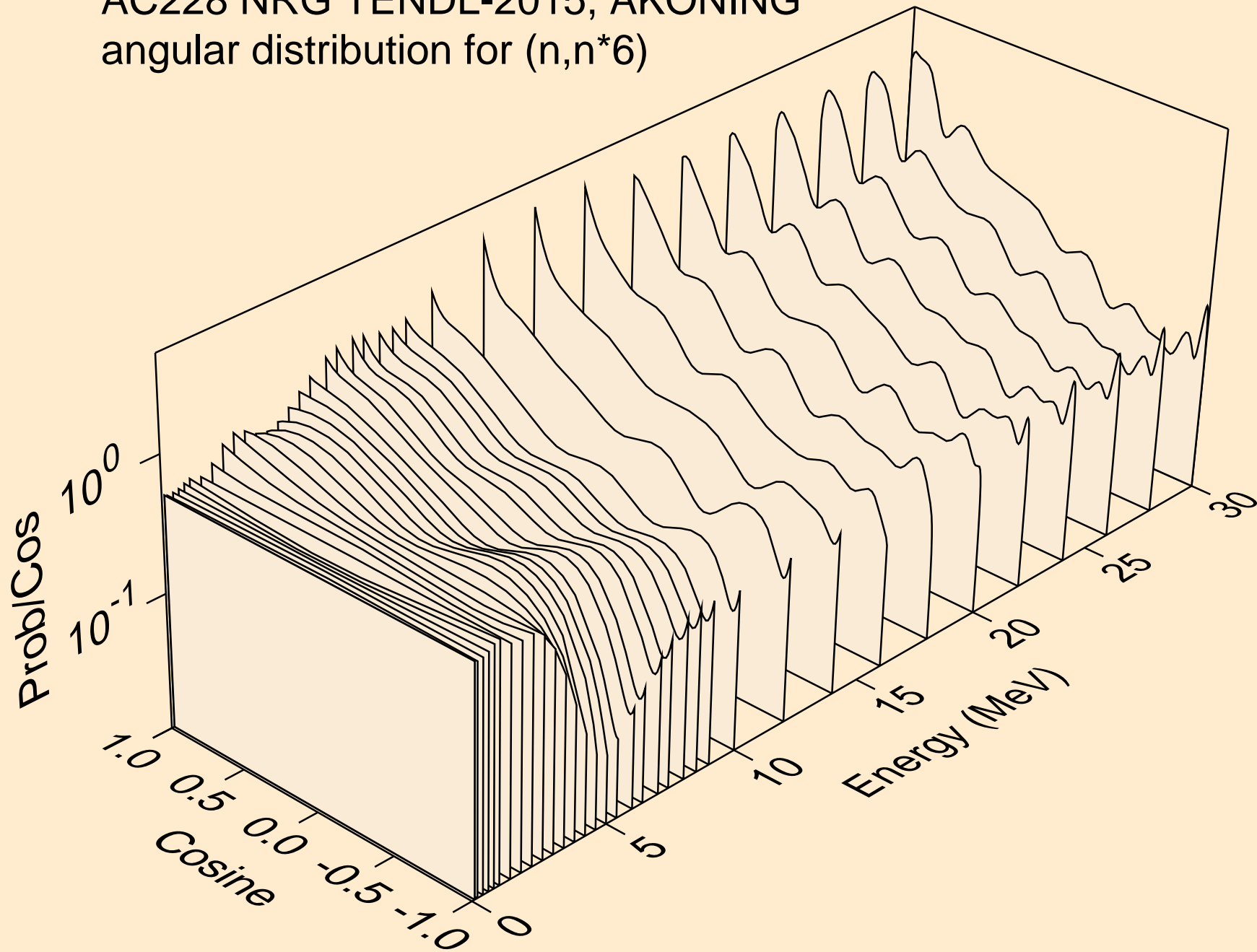
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



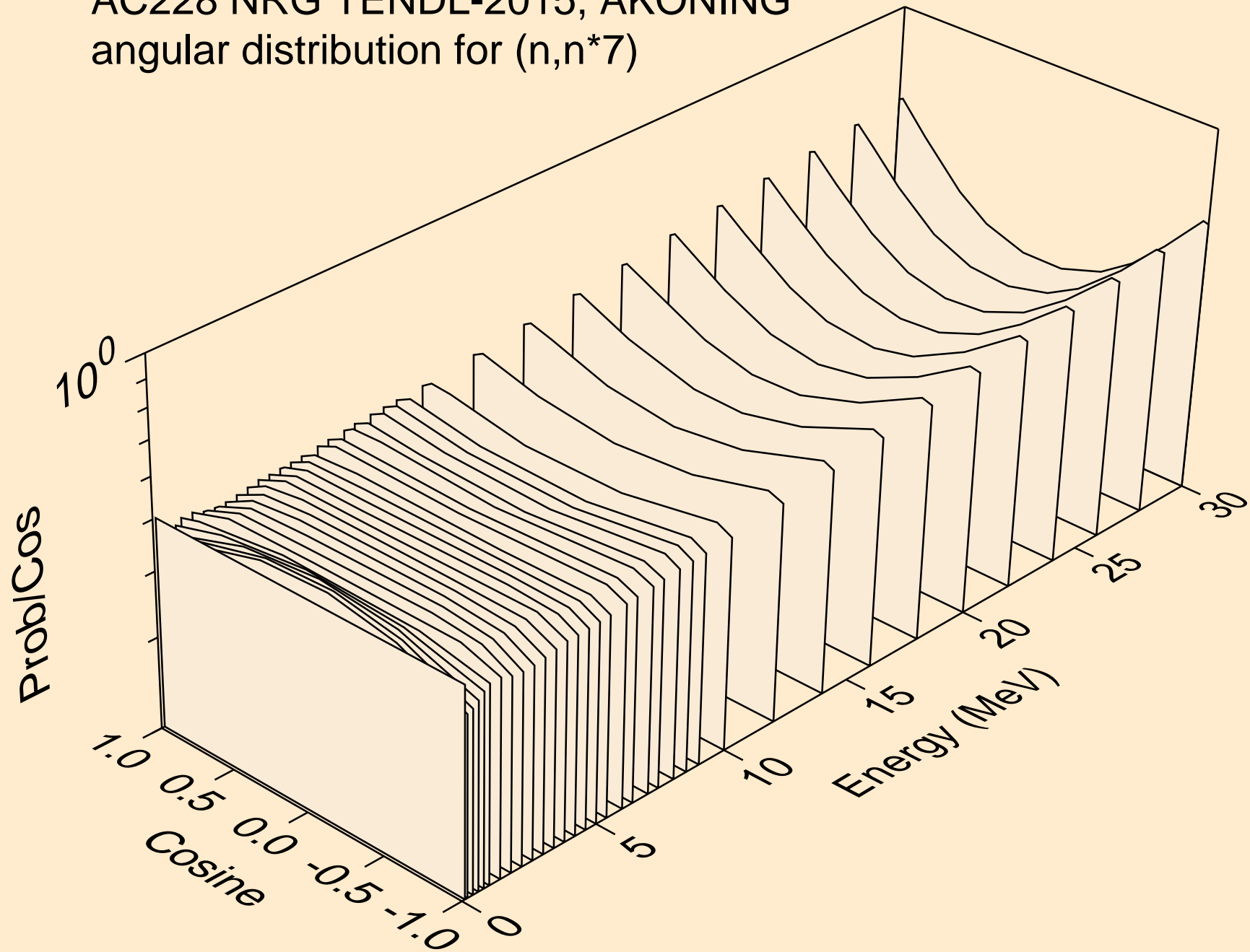
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

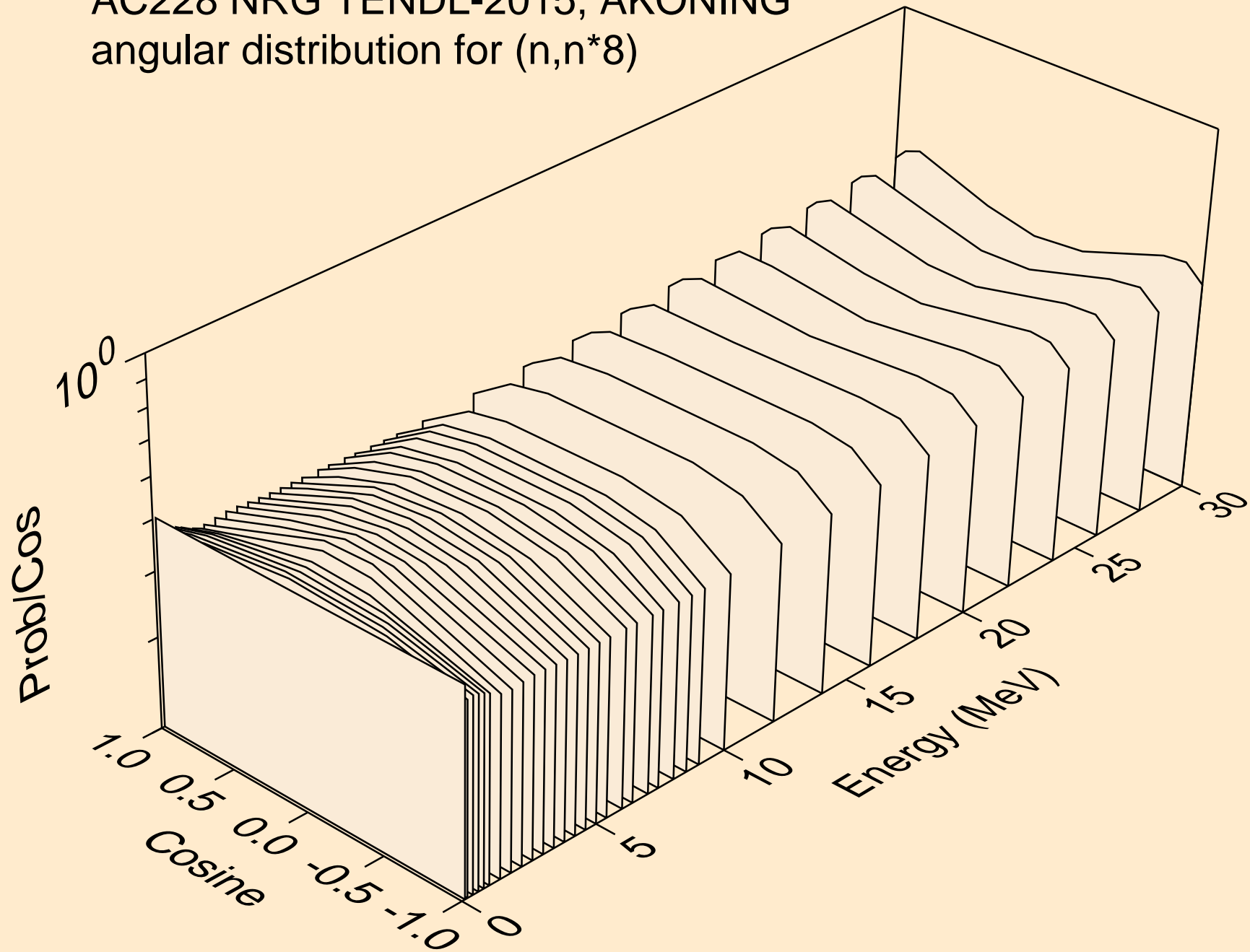


AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

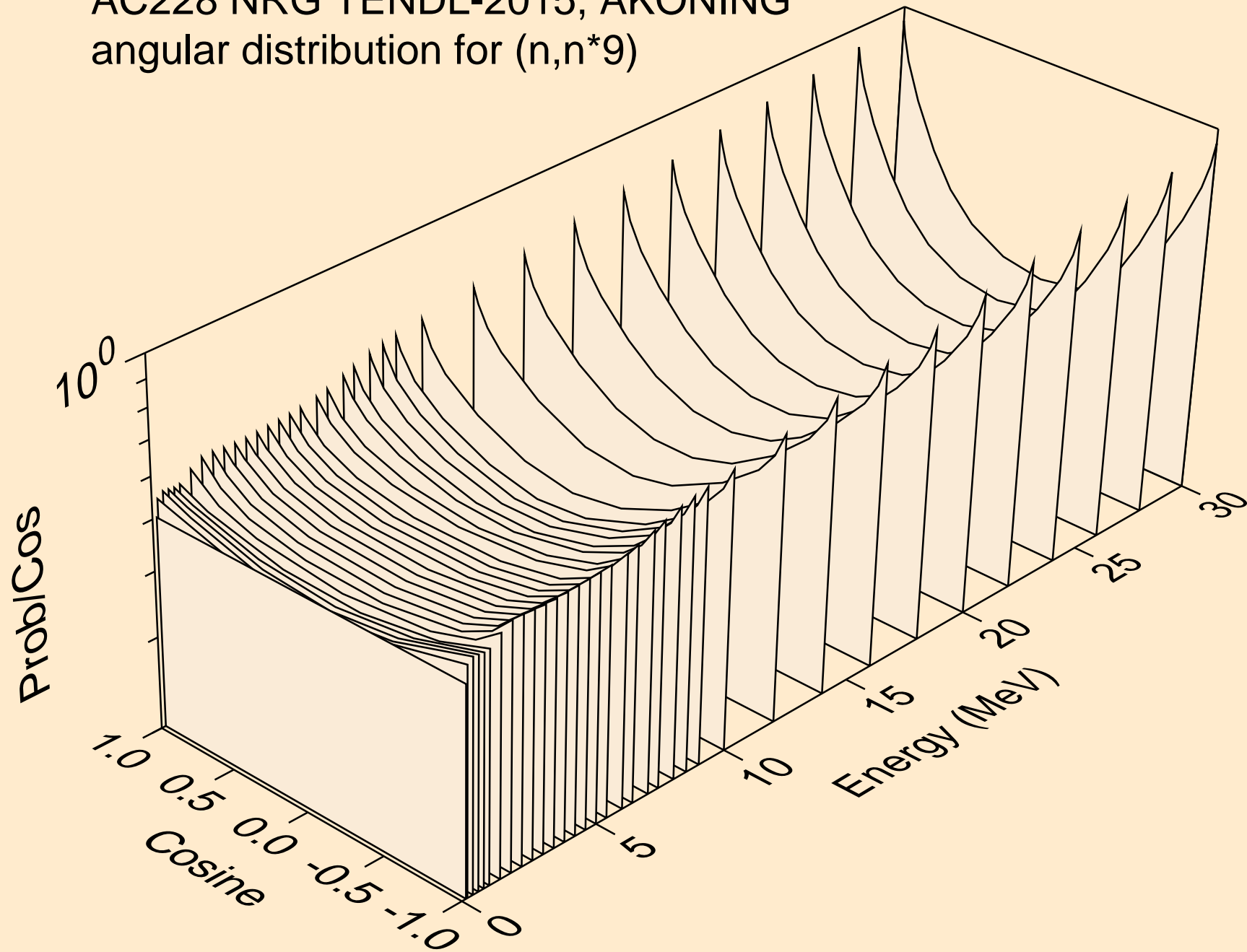




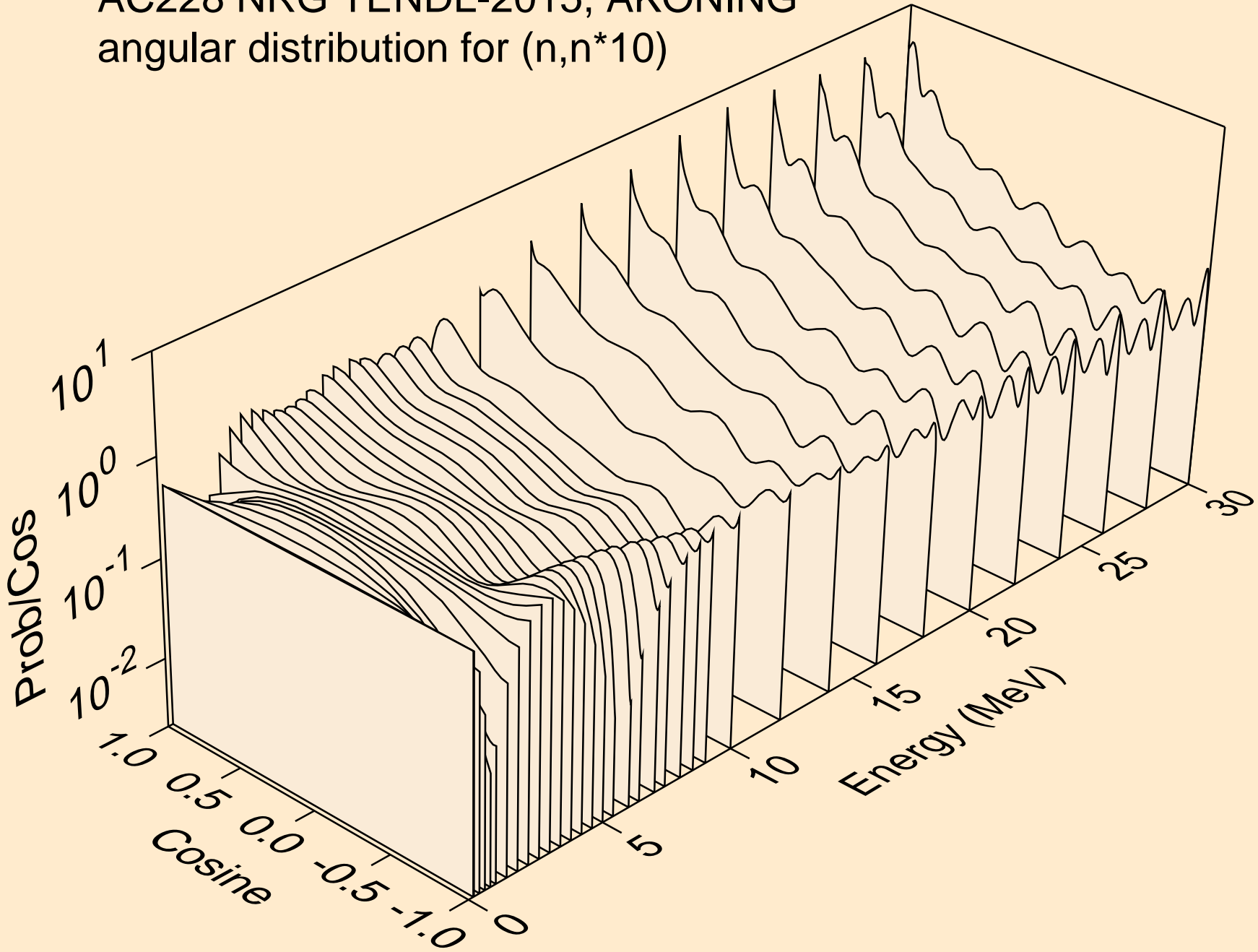
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



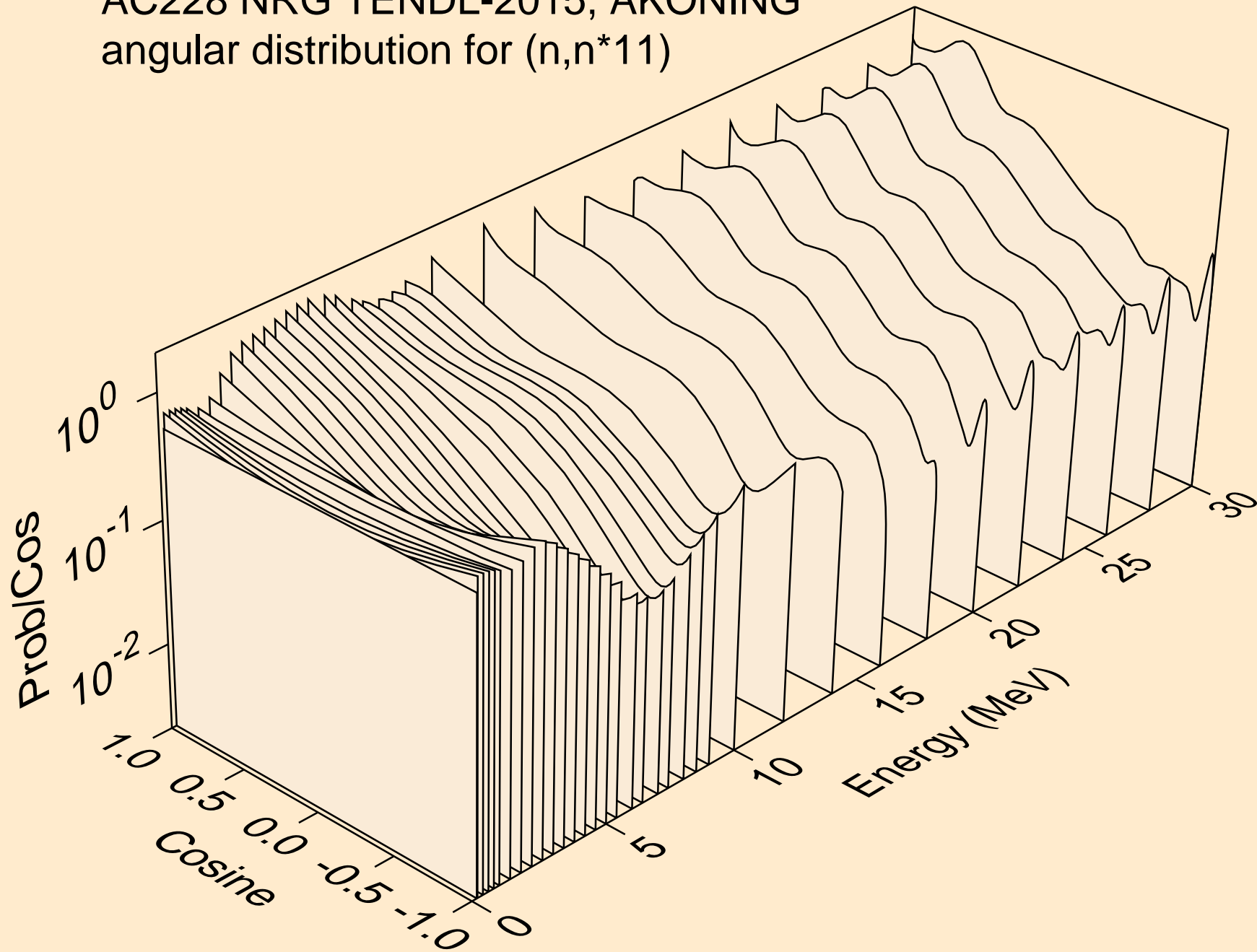
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



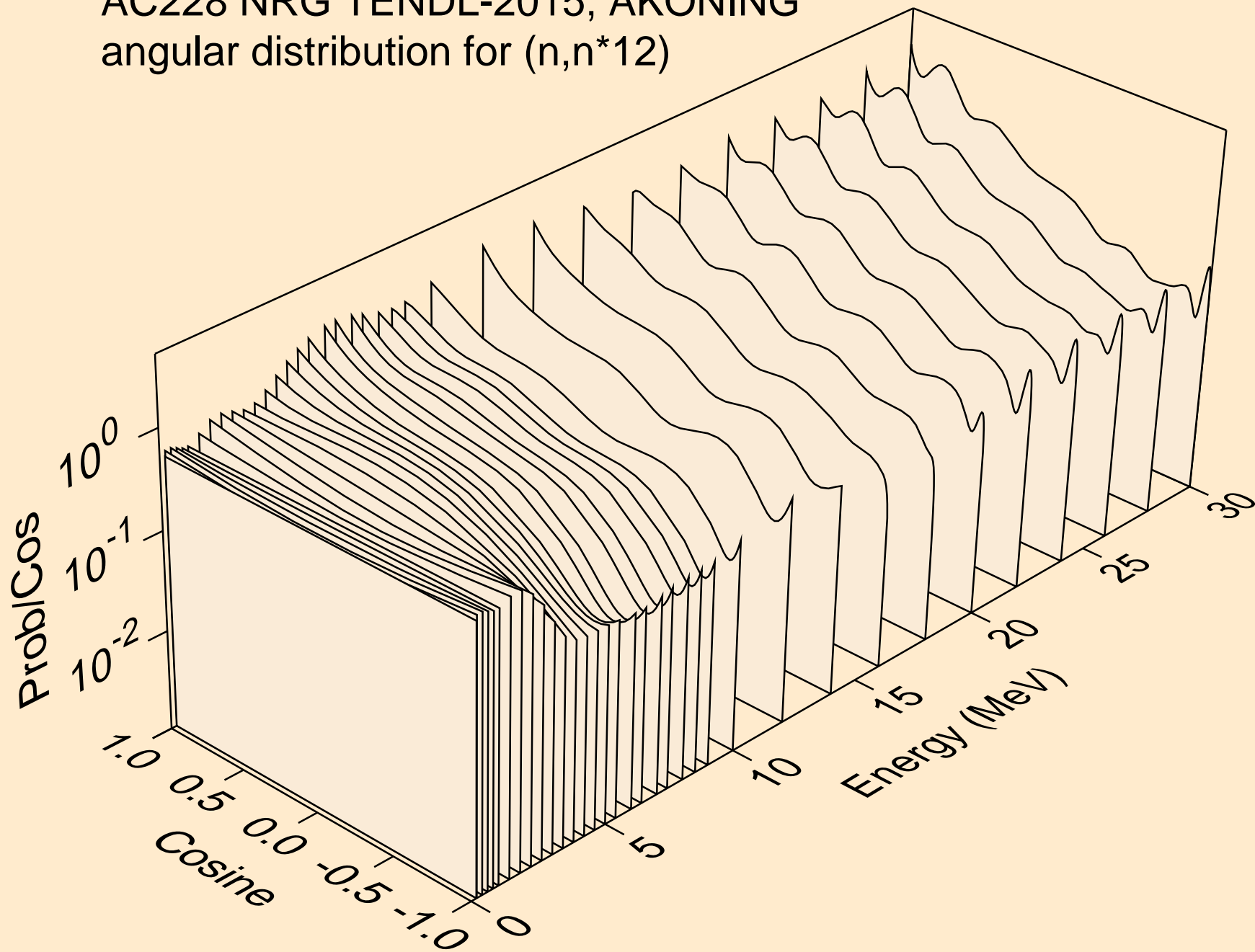
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



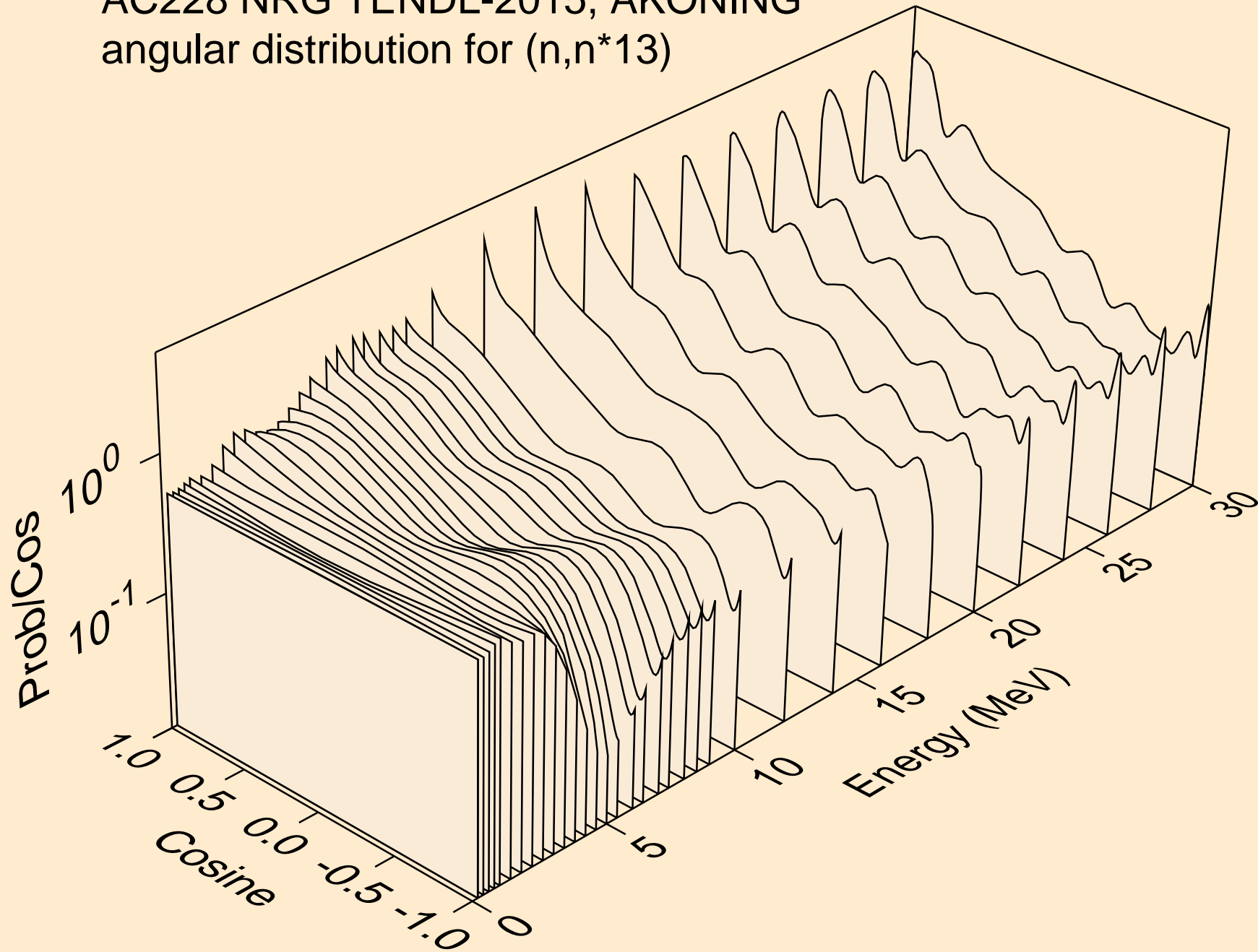
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



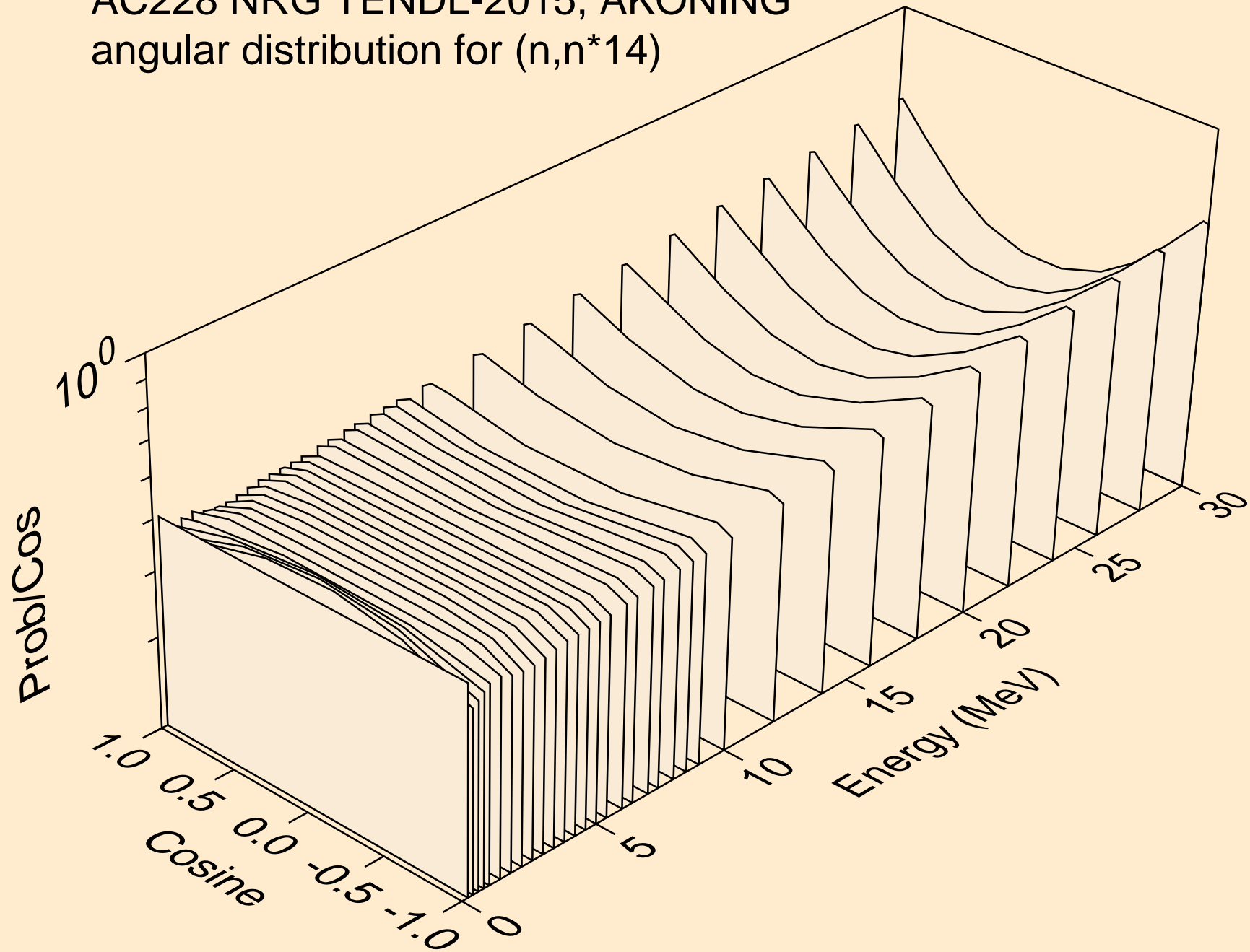
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



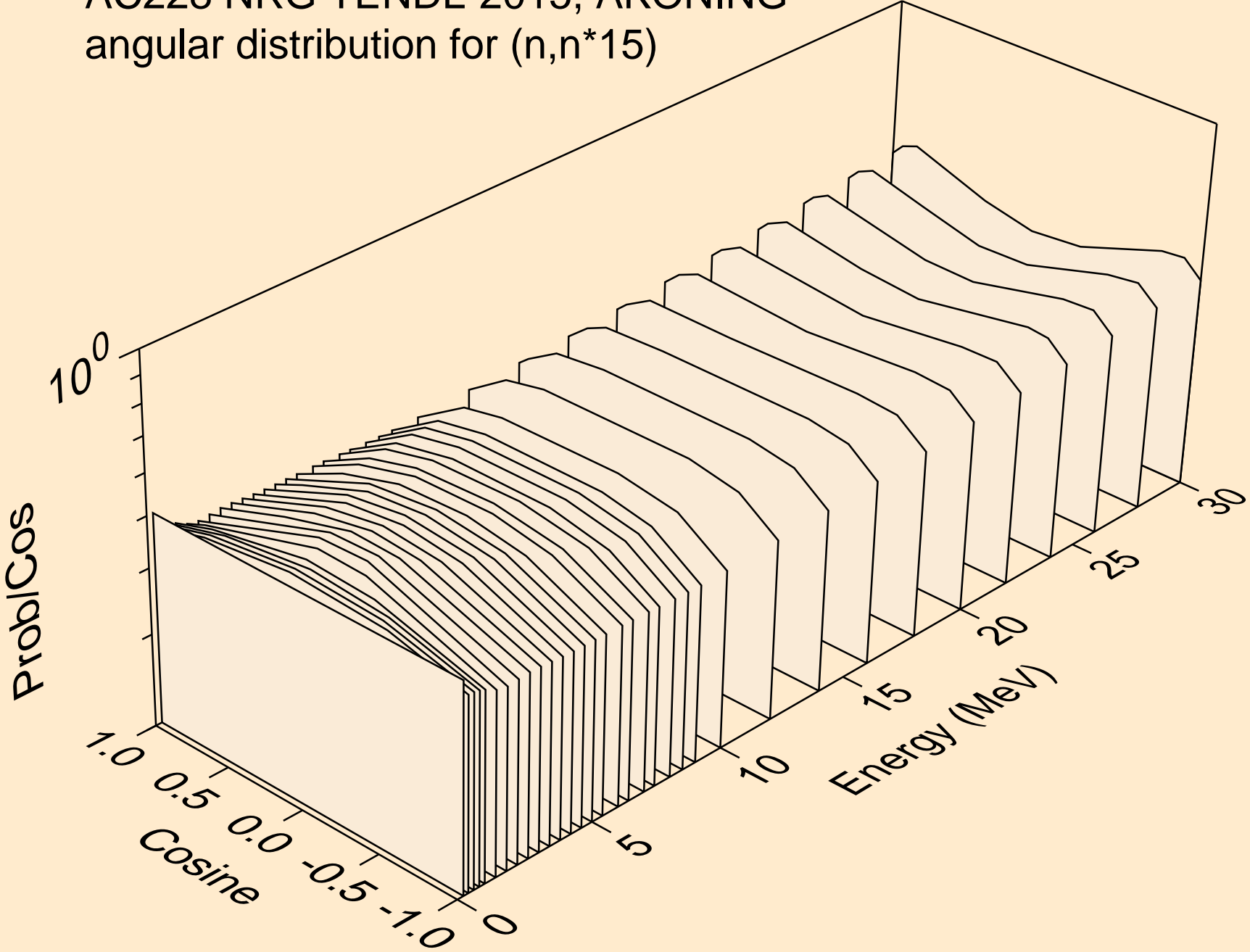
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

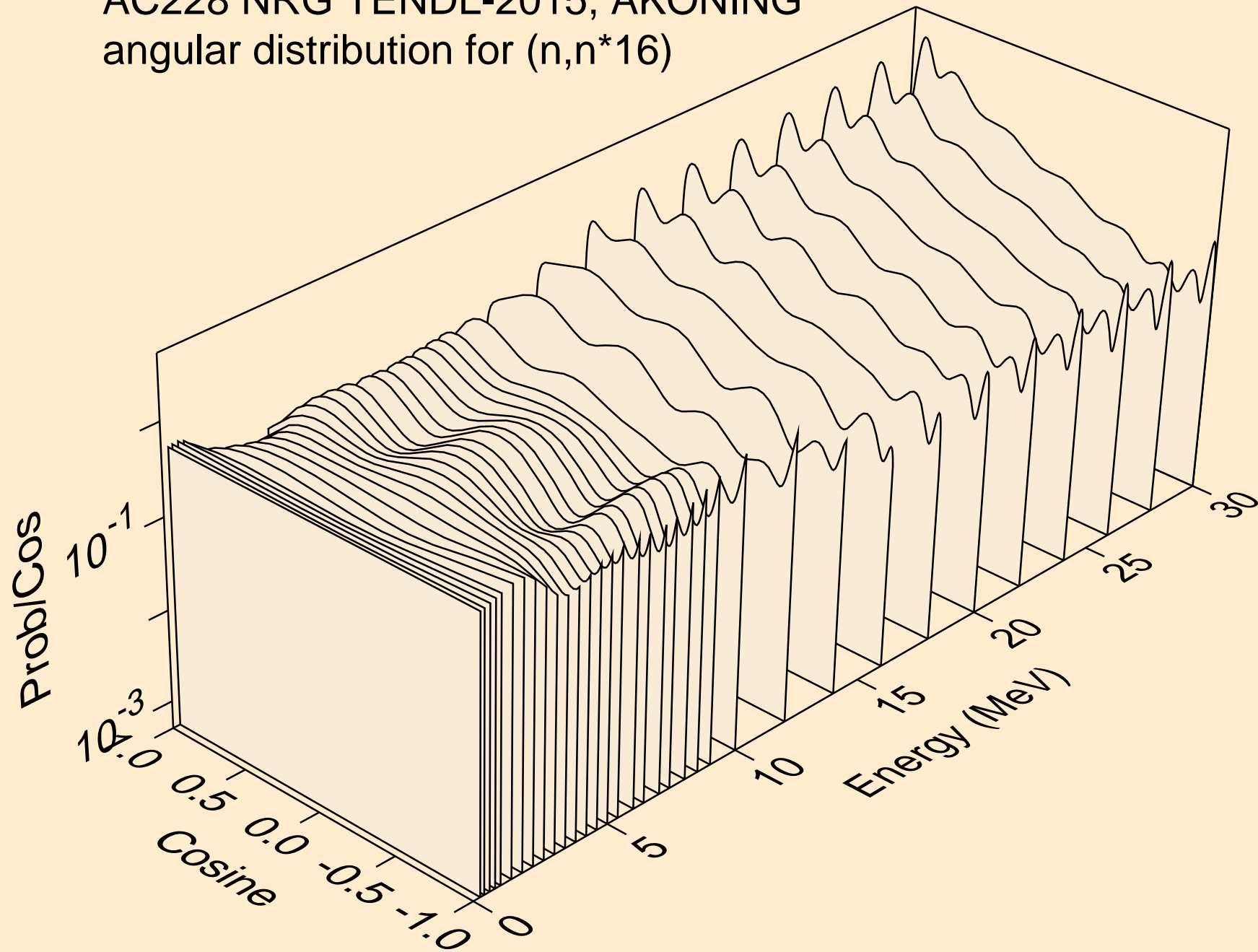


AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

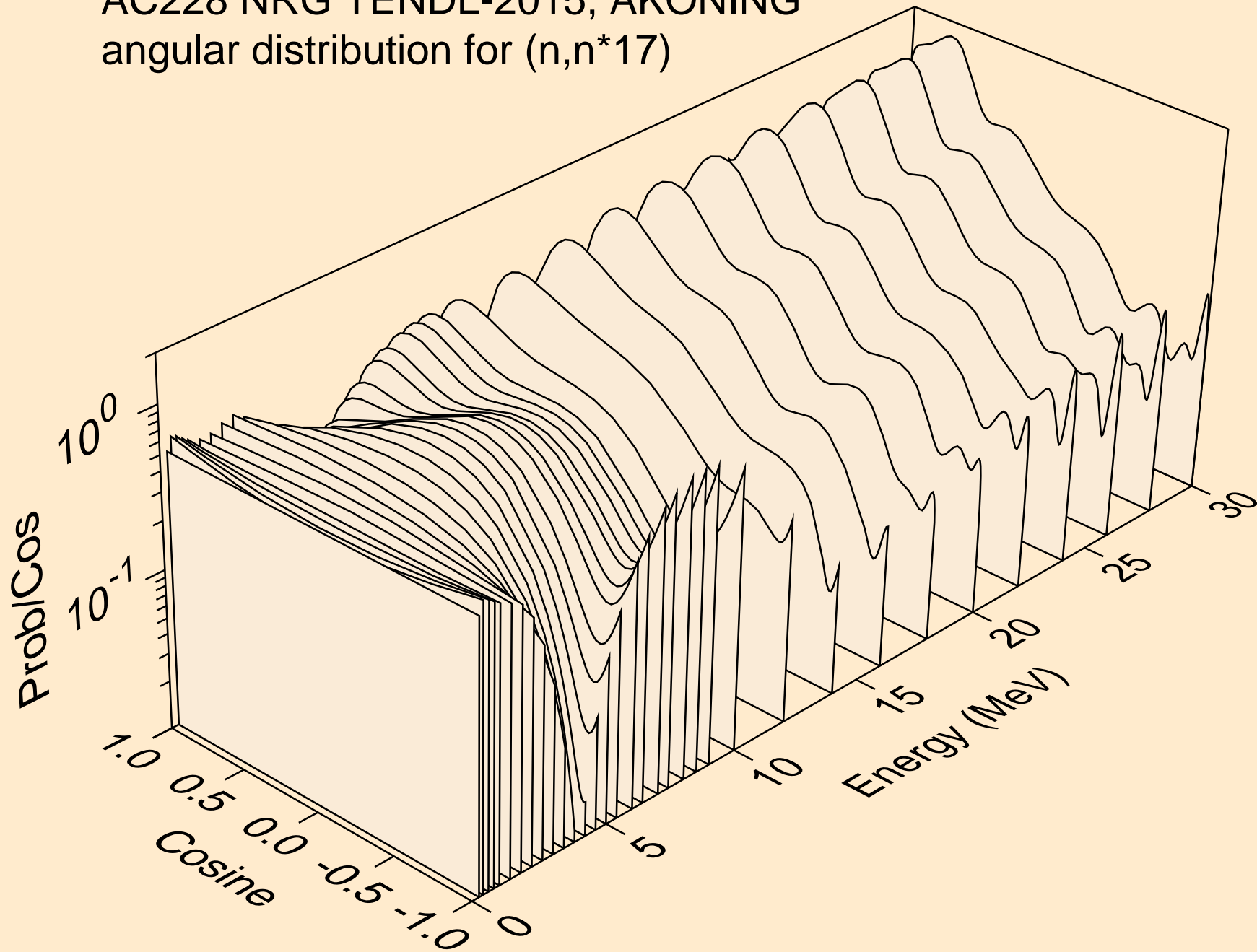




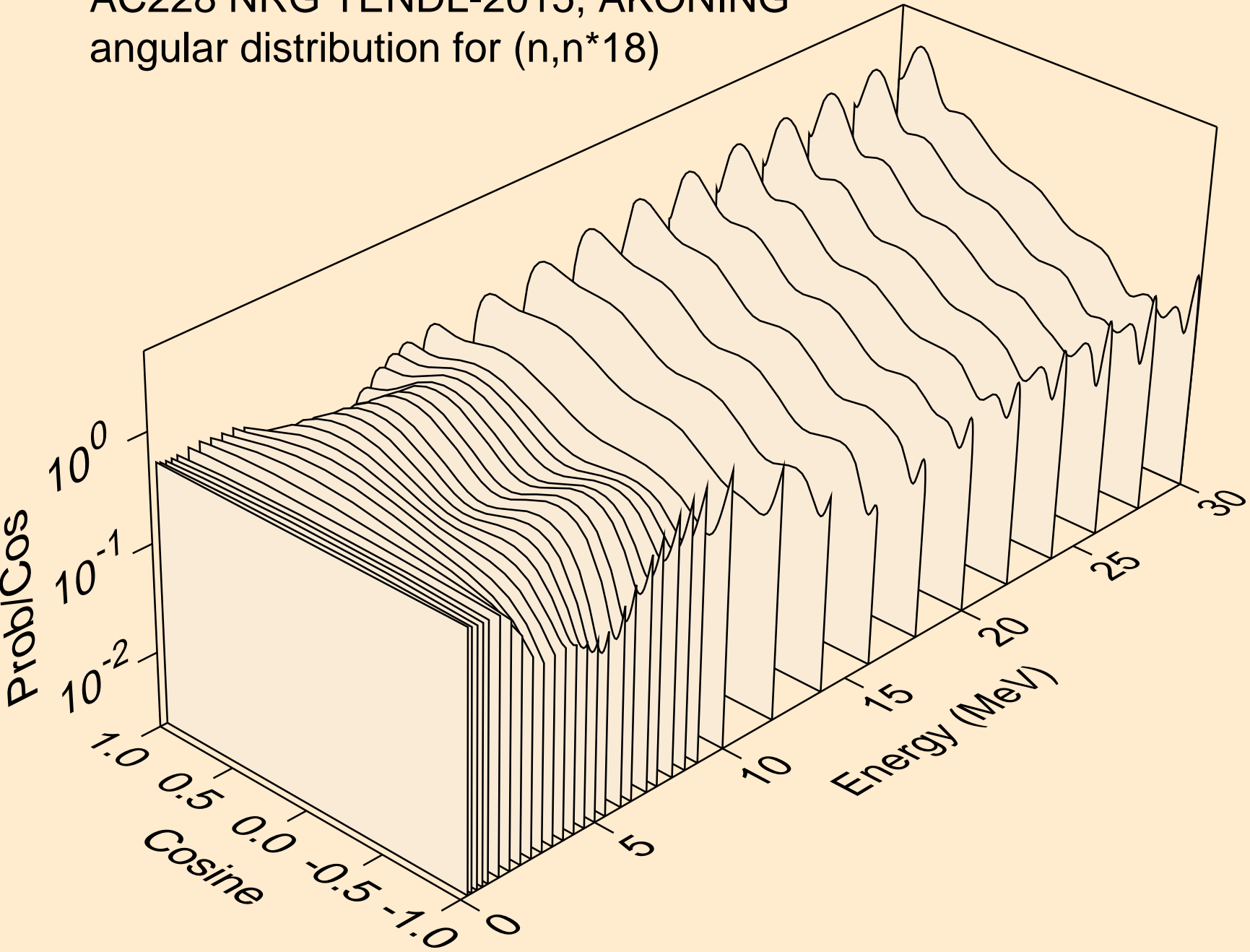
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



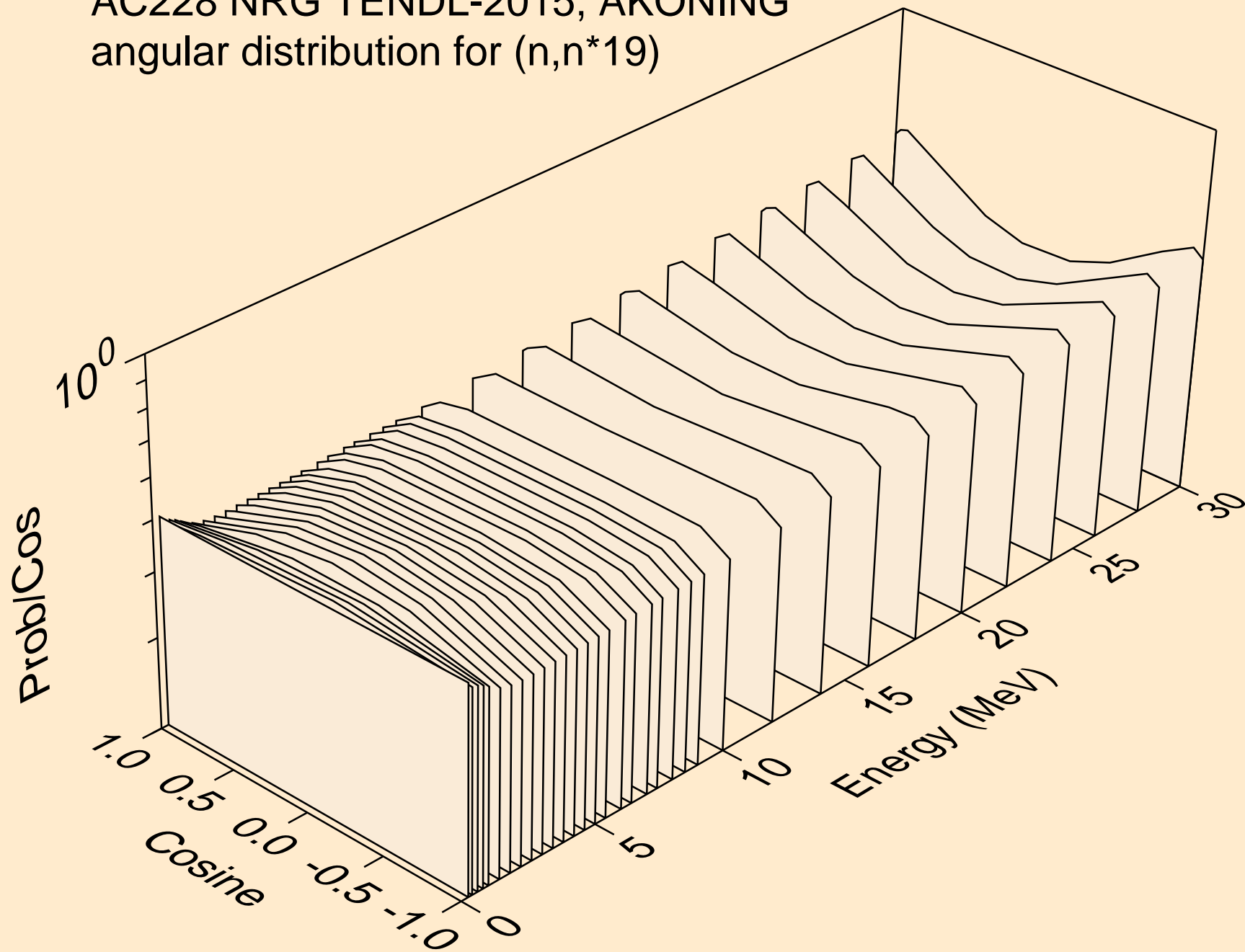
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



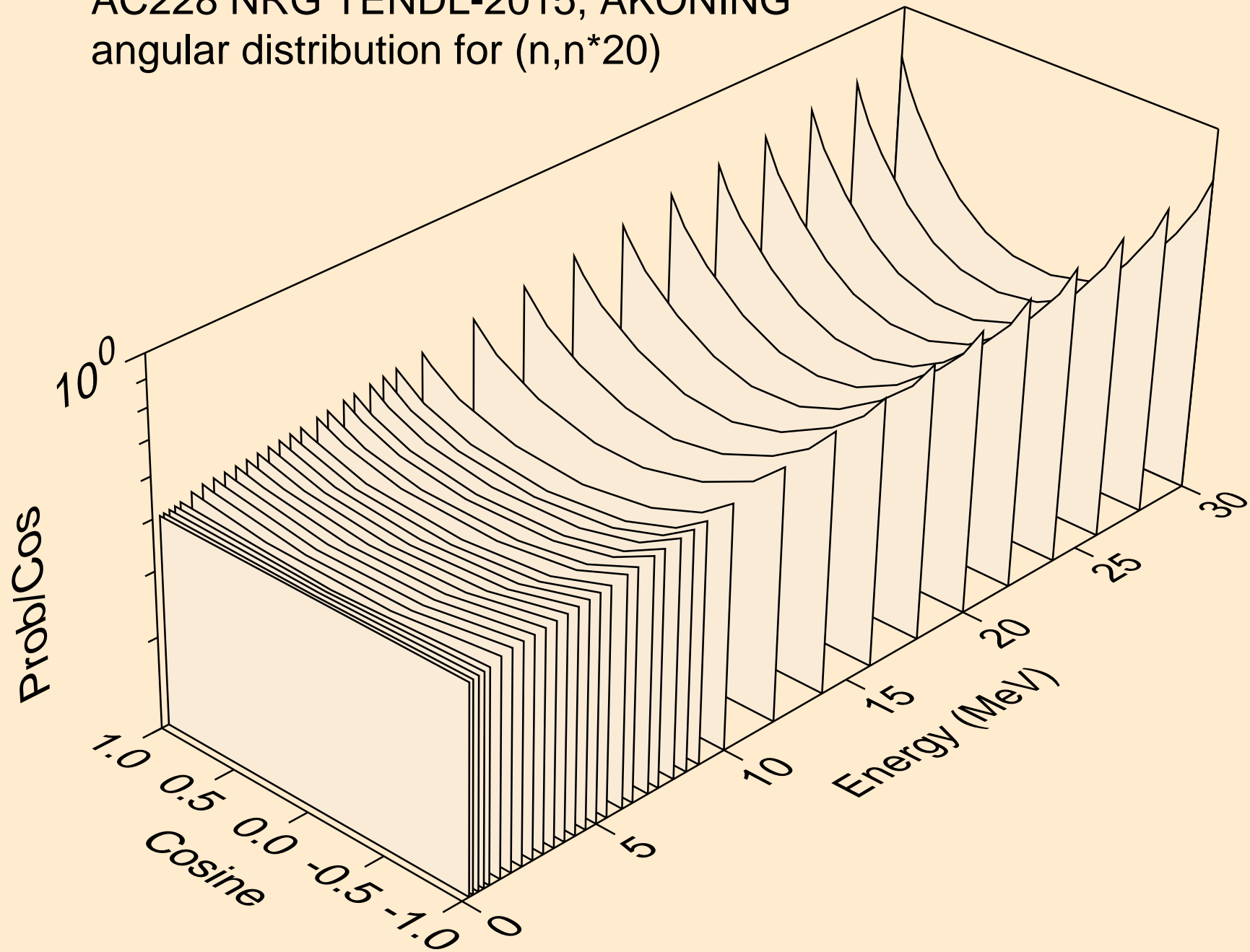
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



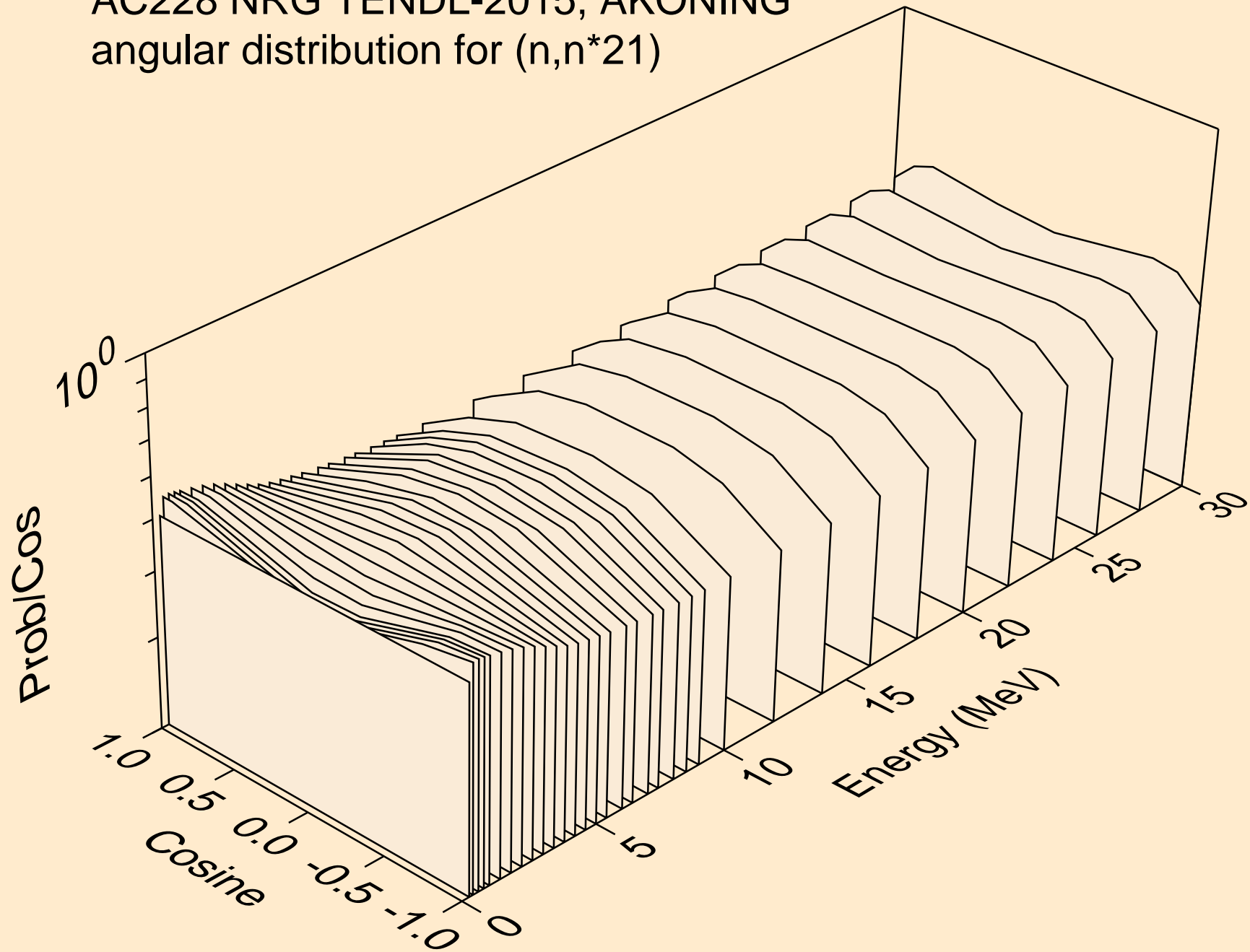
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



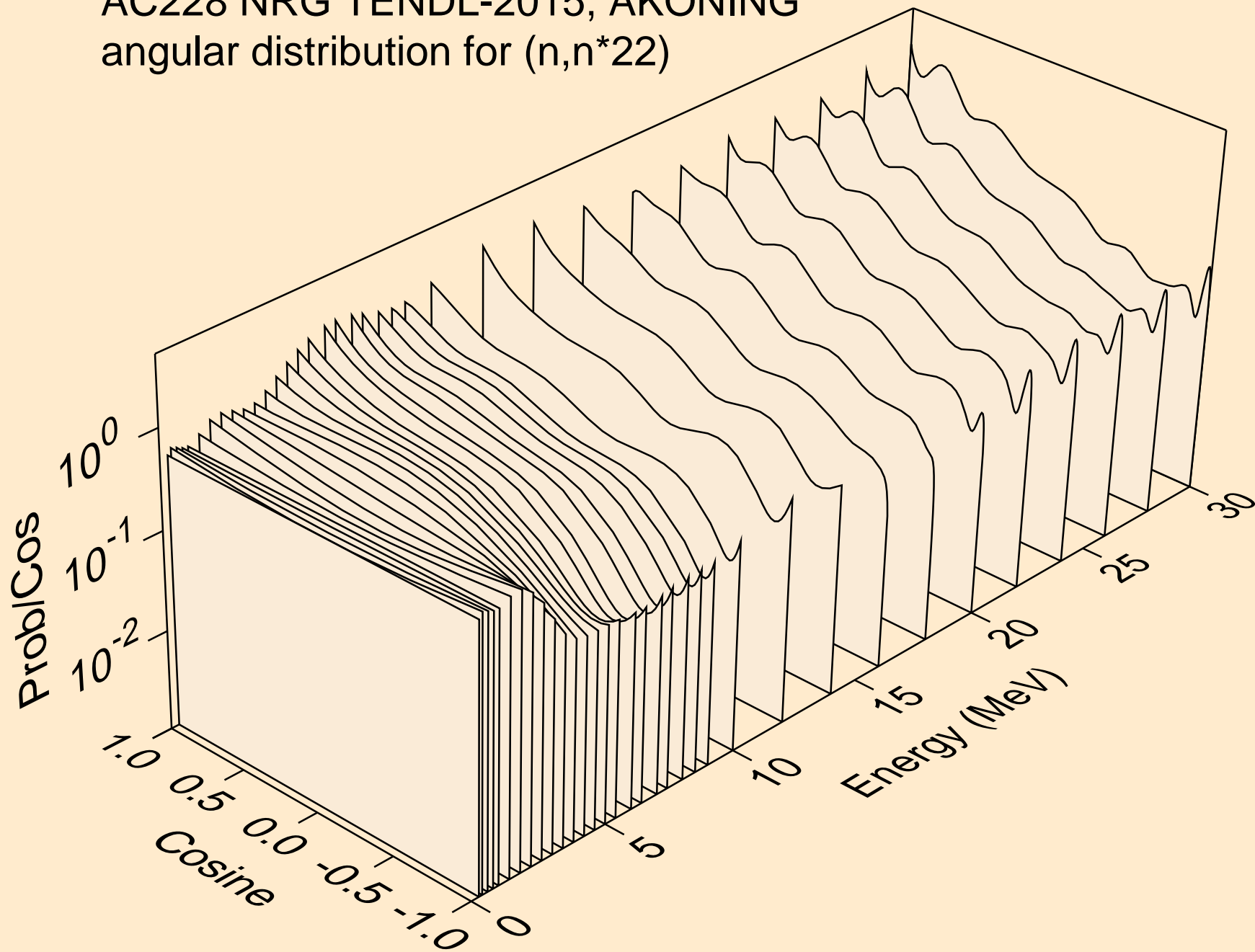
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



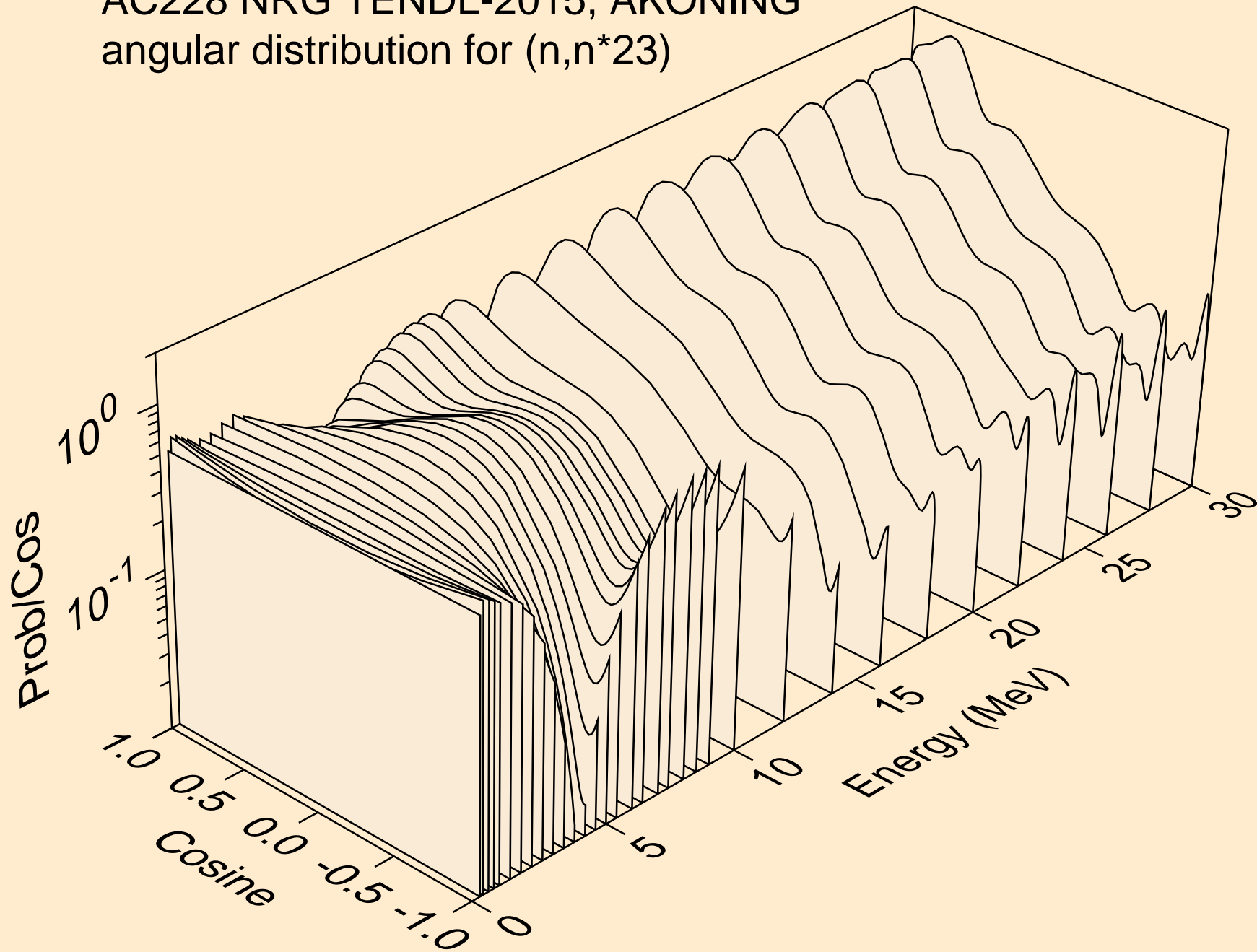
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

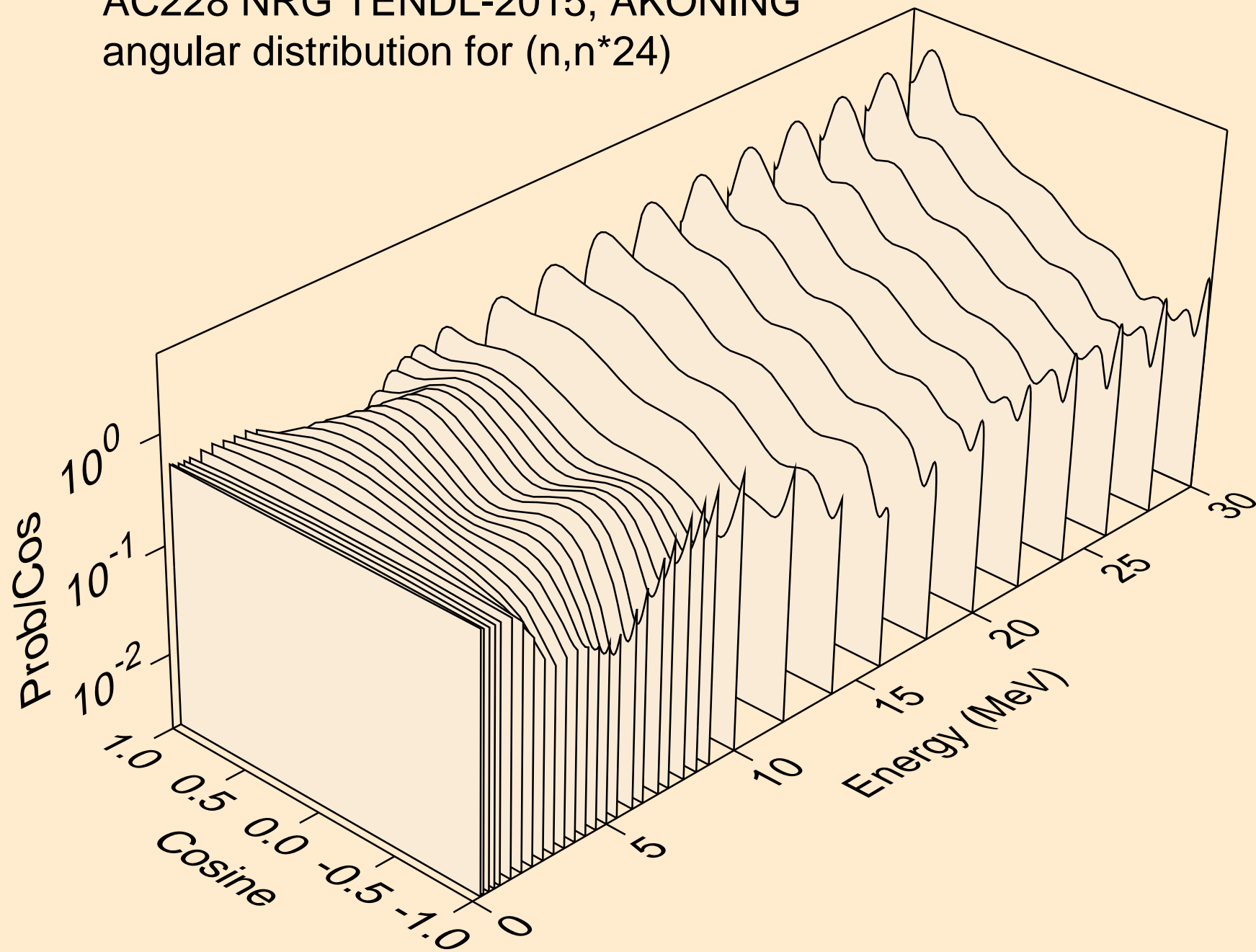


AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

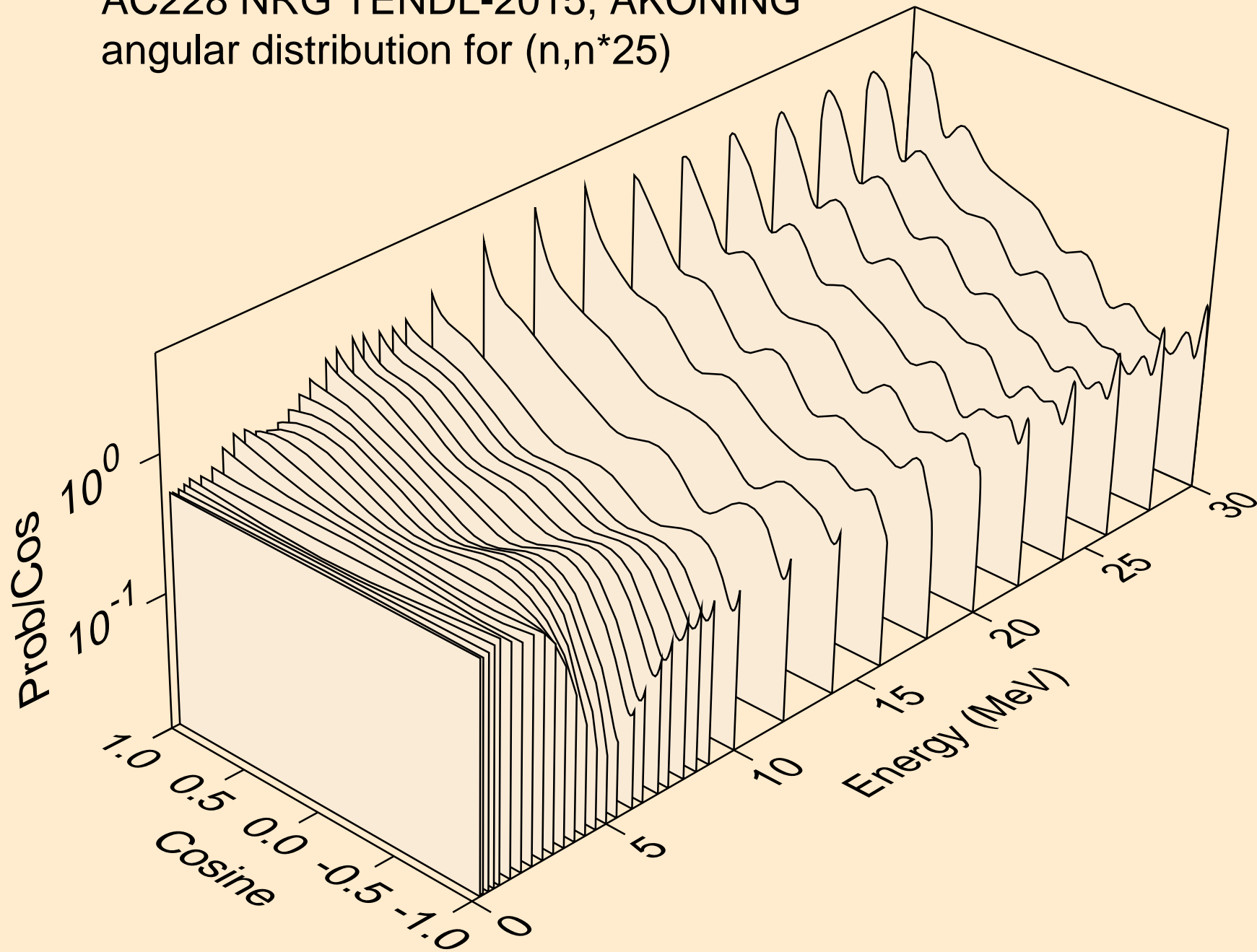




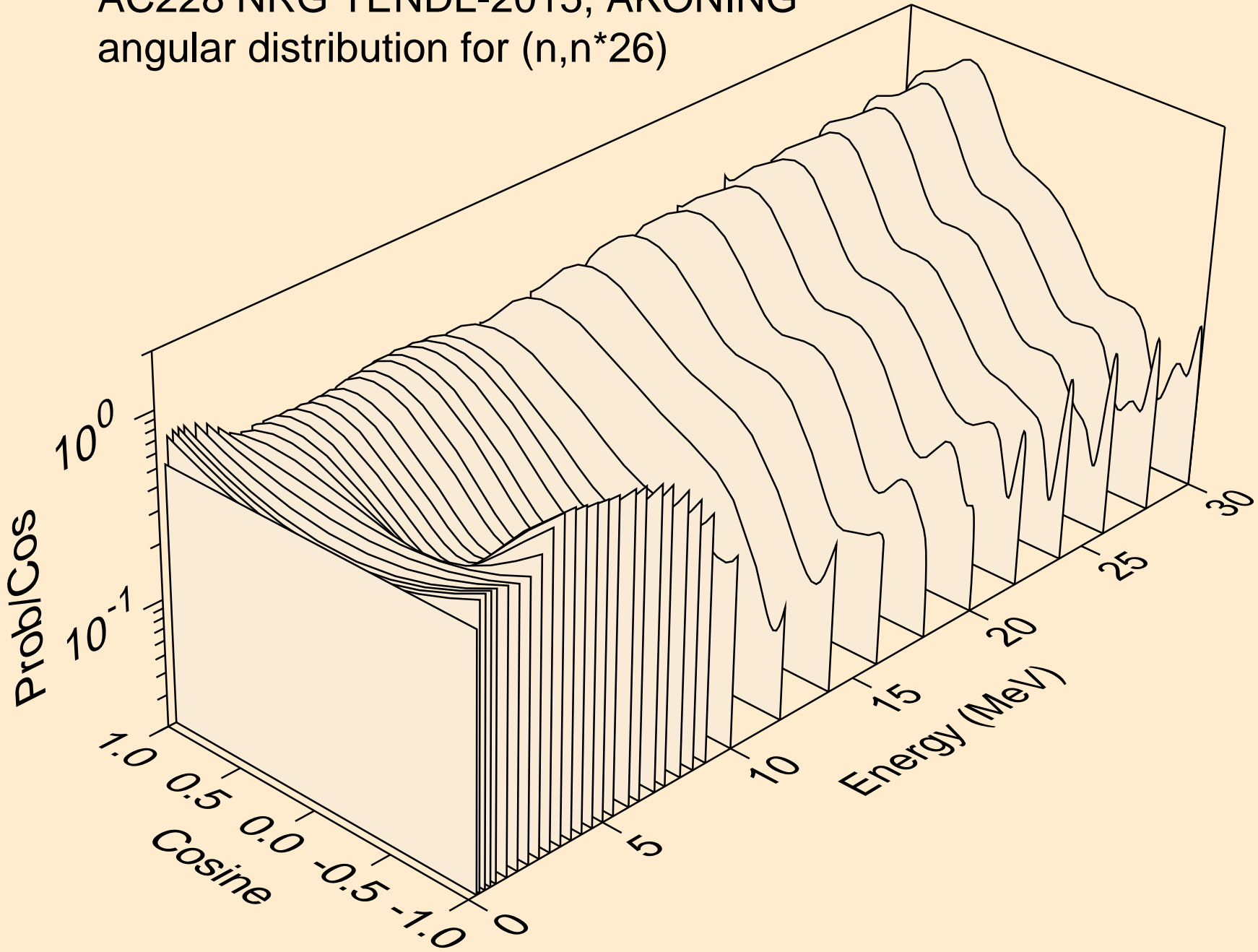
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



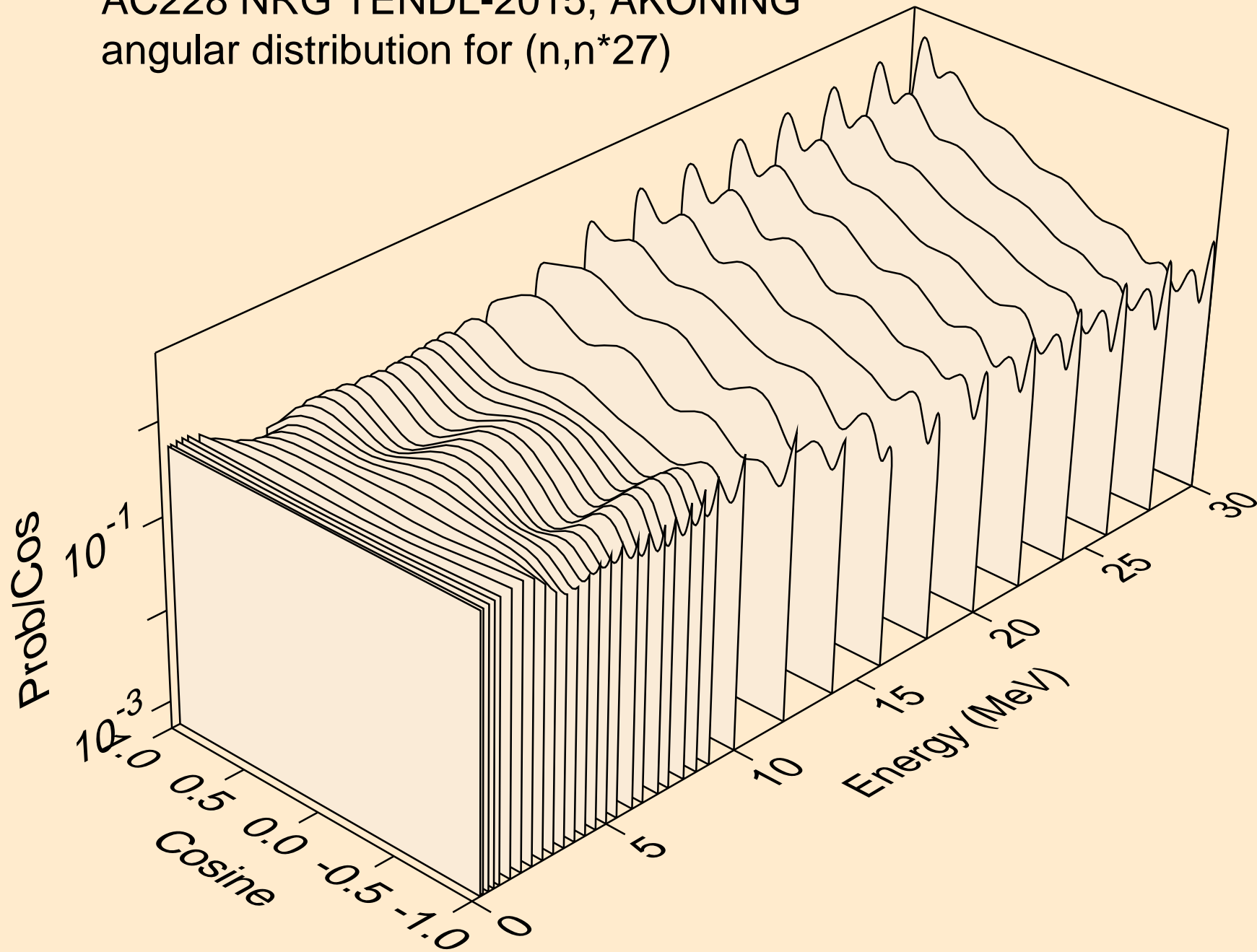
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



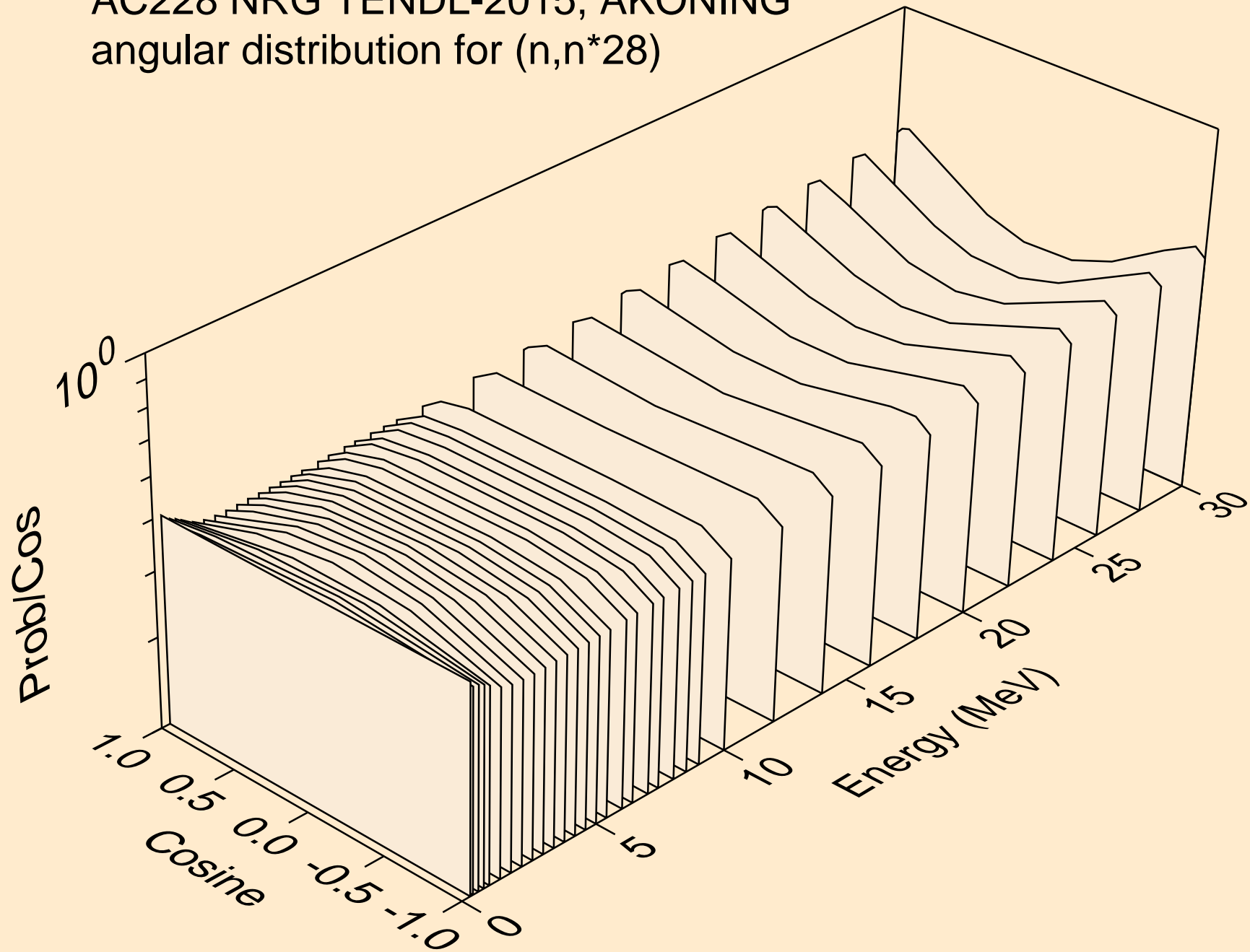
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



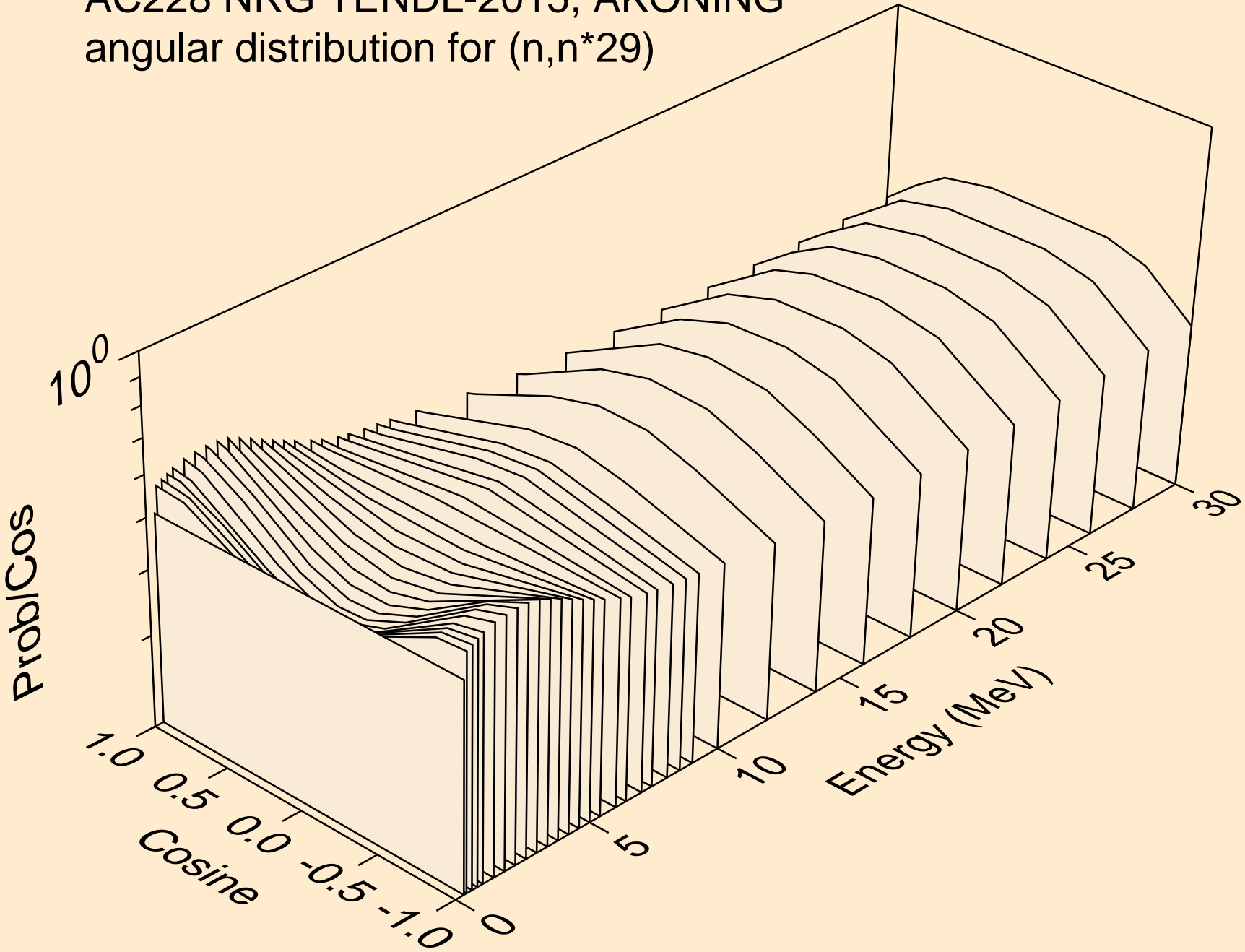
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



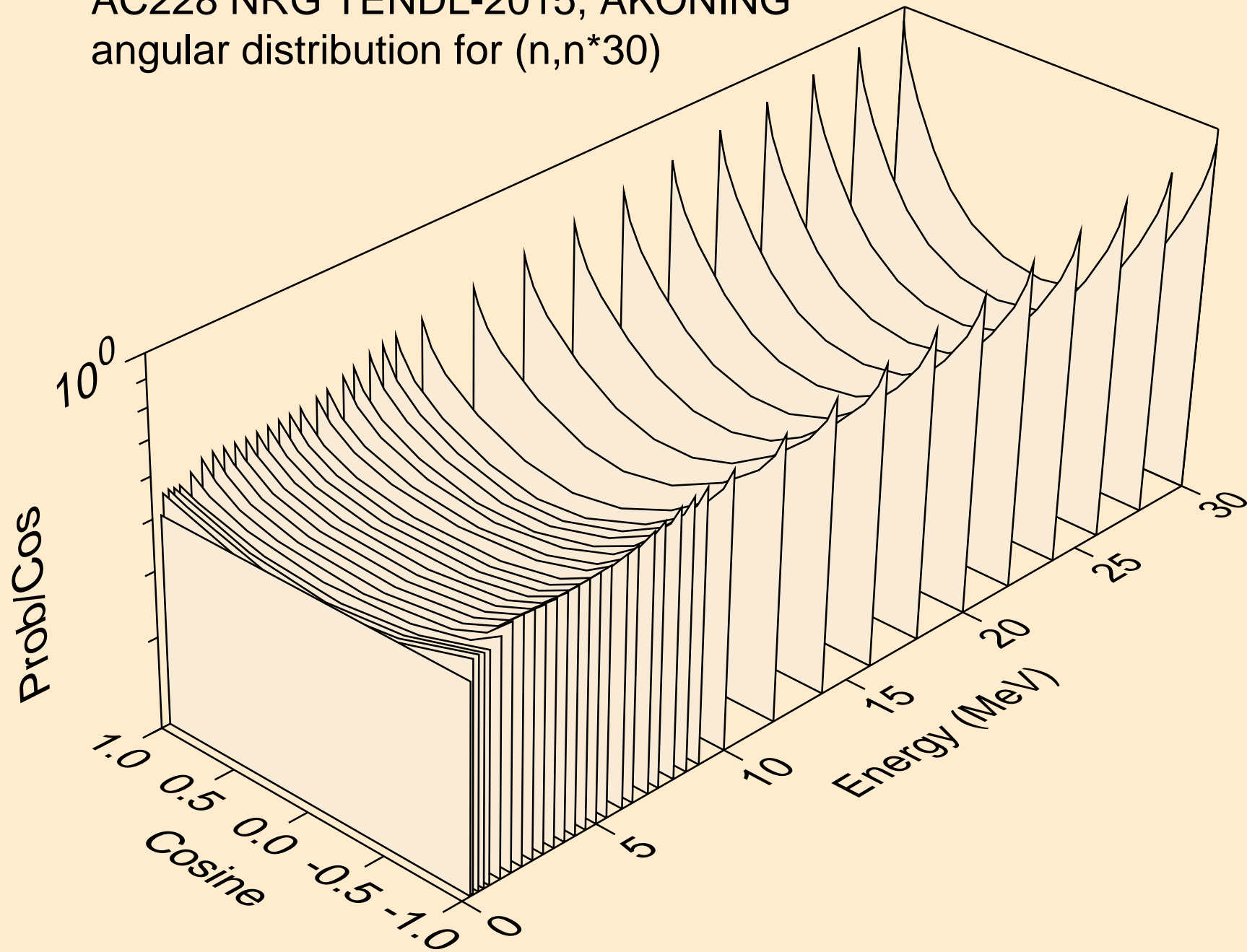
AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

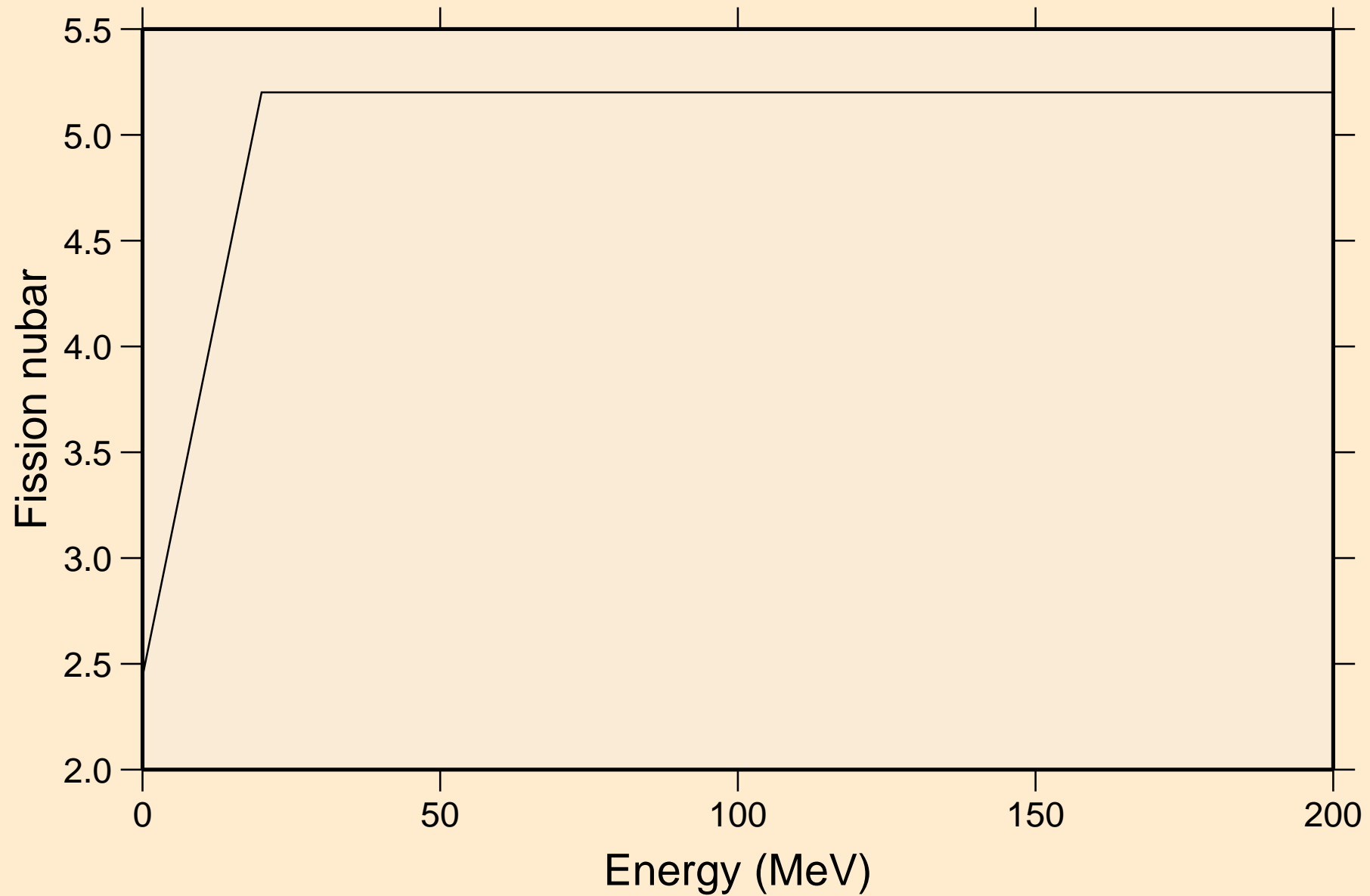


AC228 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



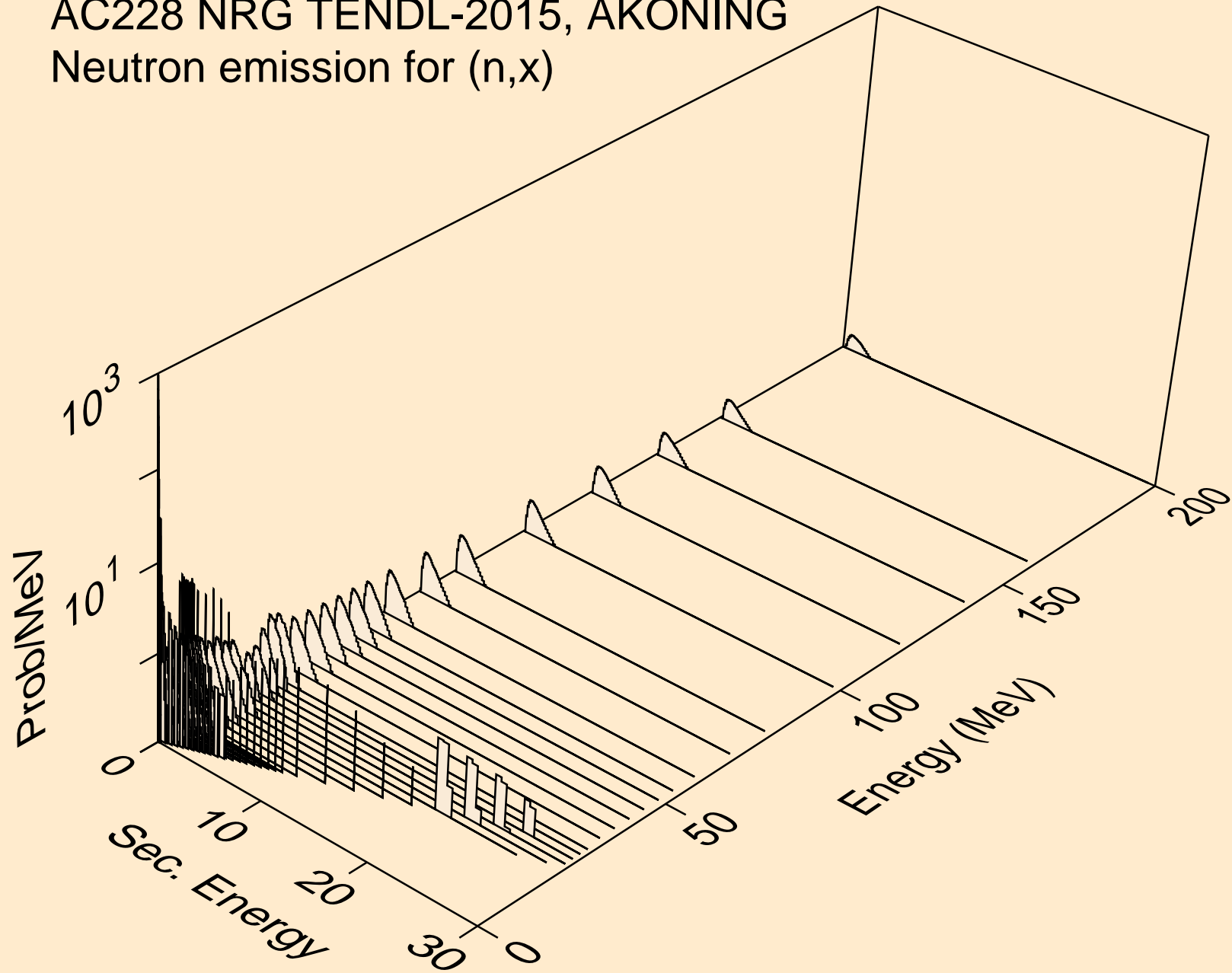
# AC228 NRG TENDL-2015, AKONING

Total fission nubar

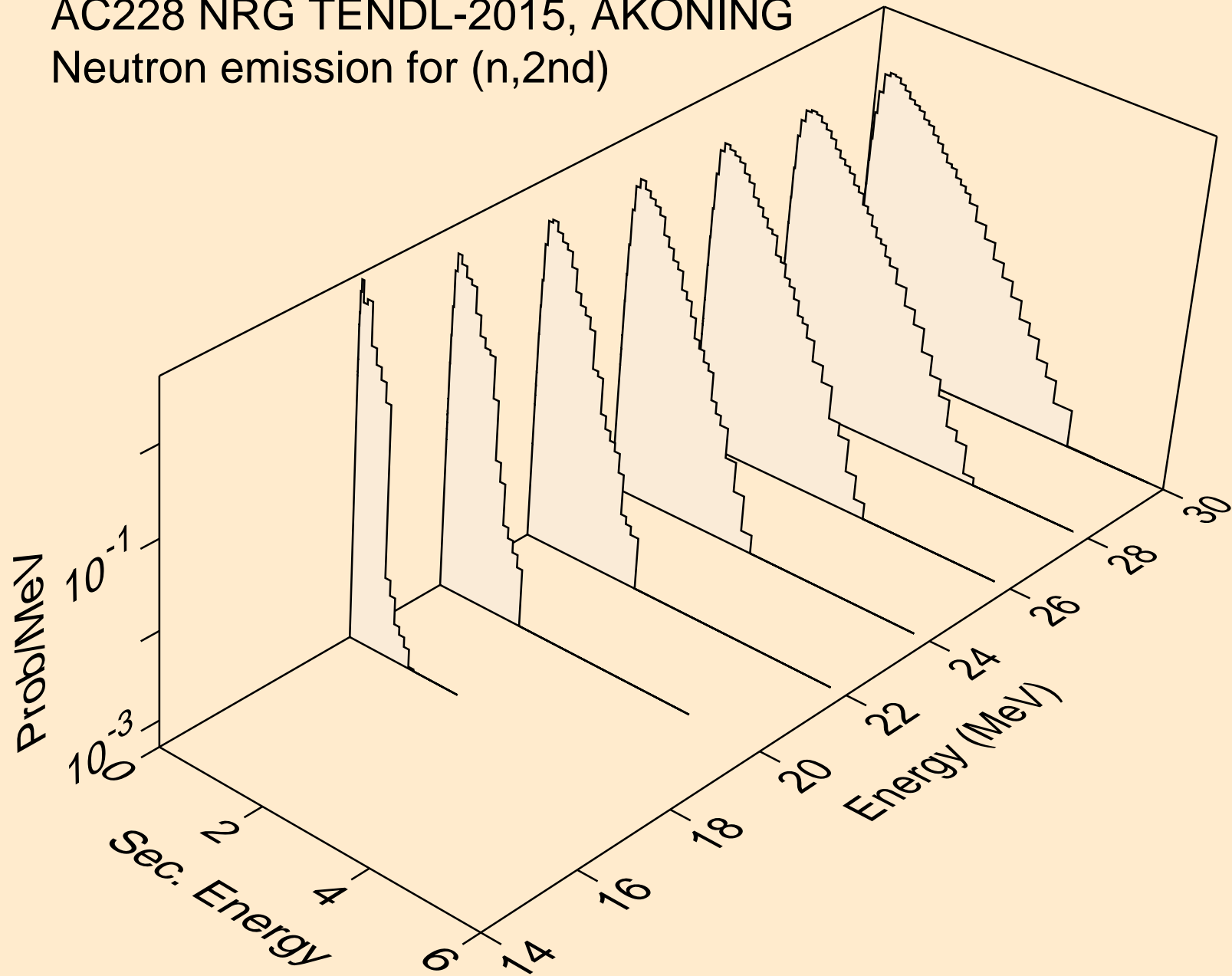




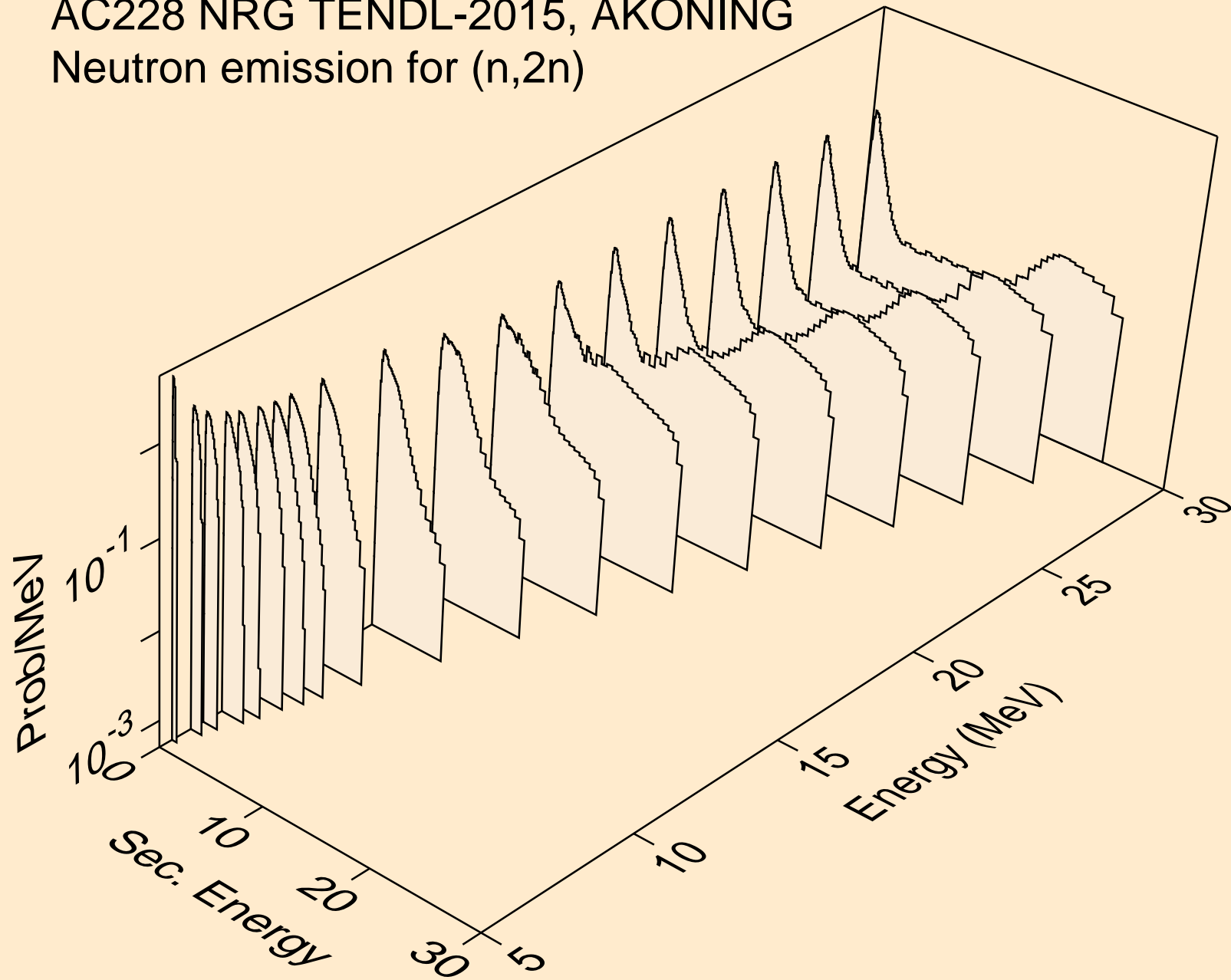
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



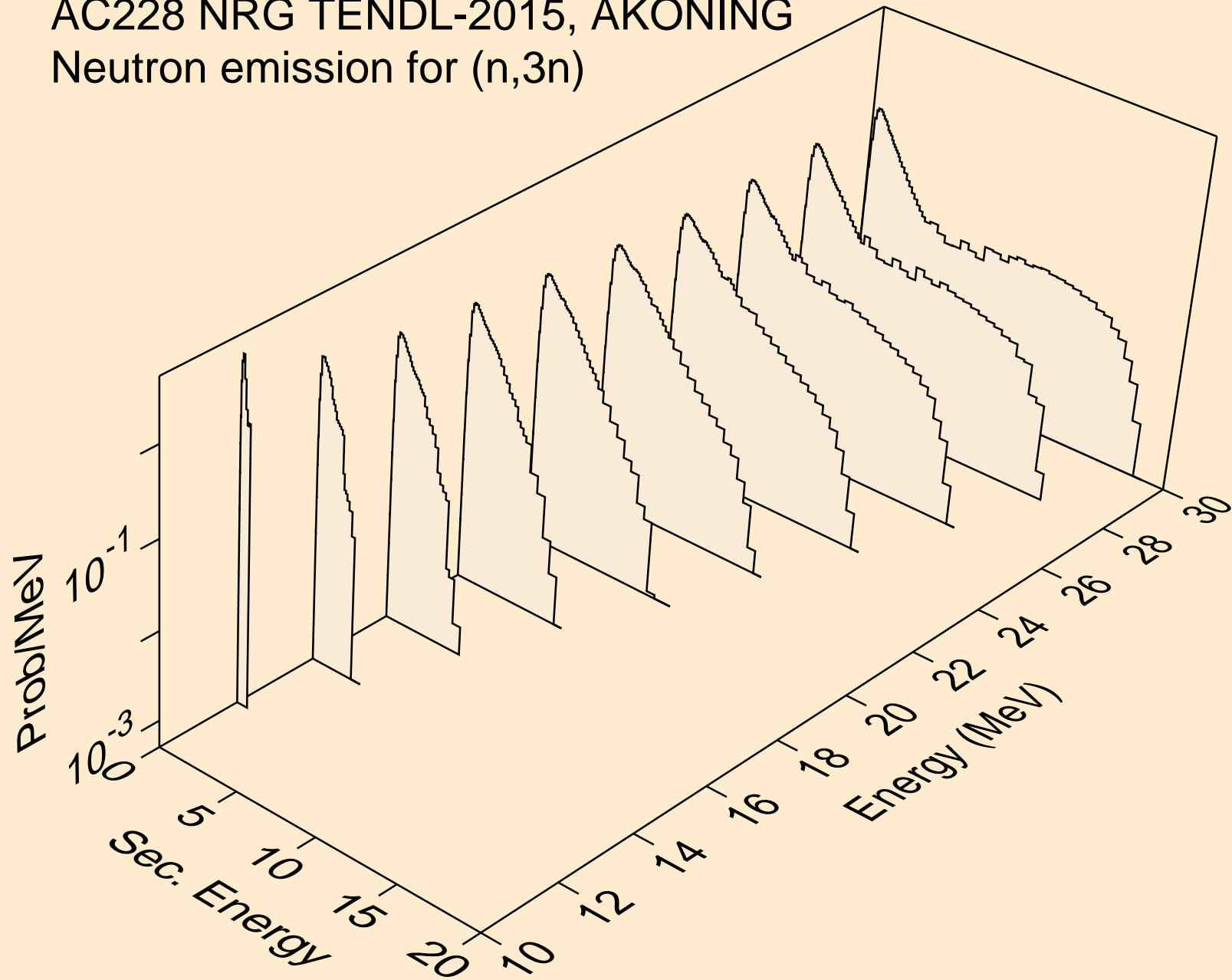
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



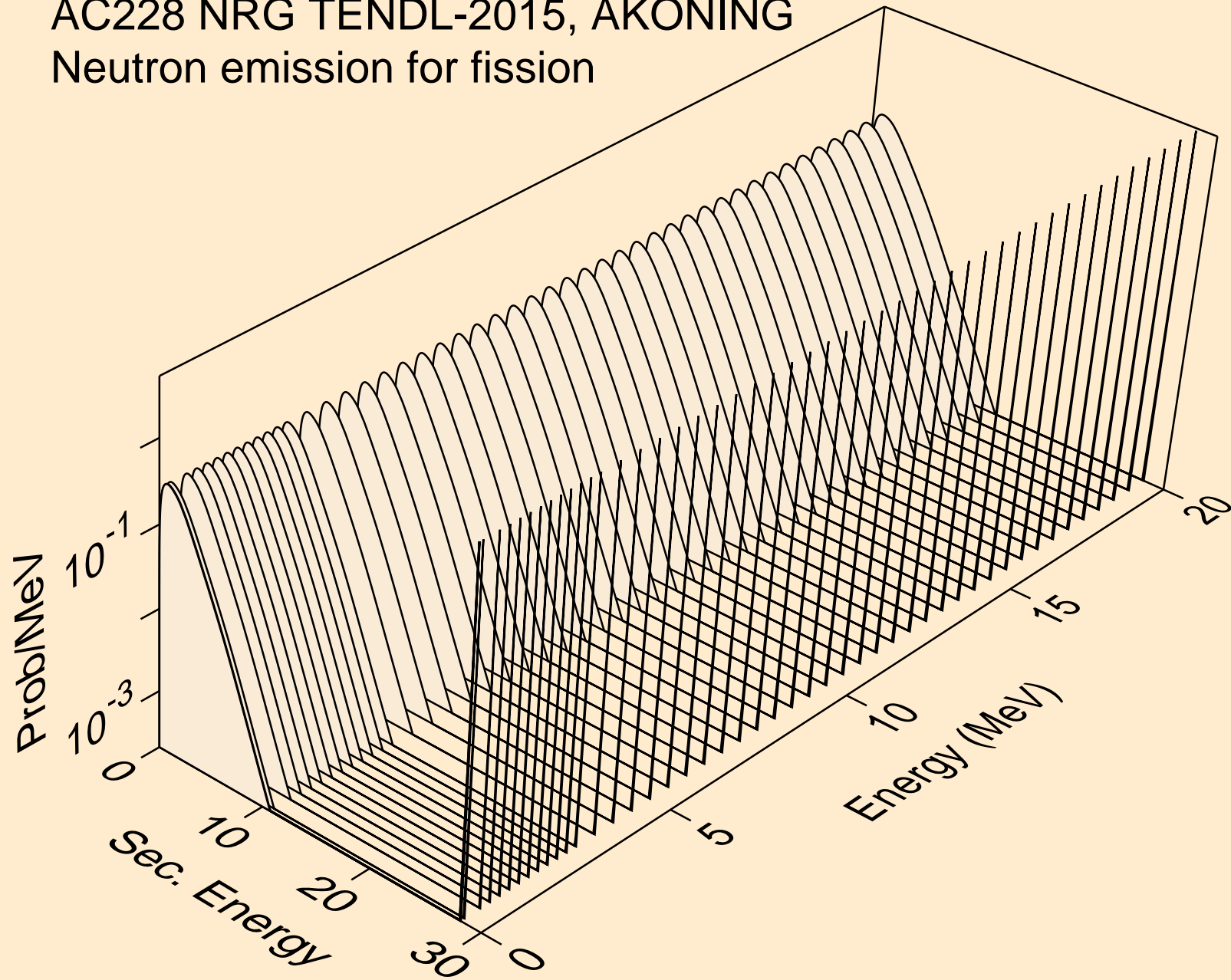
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



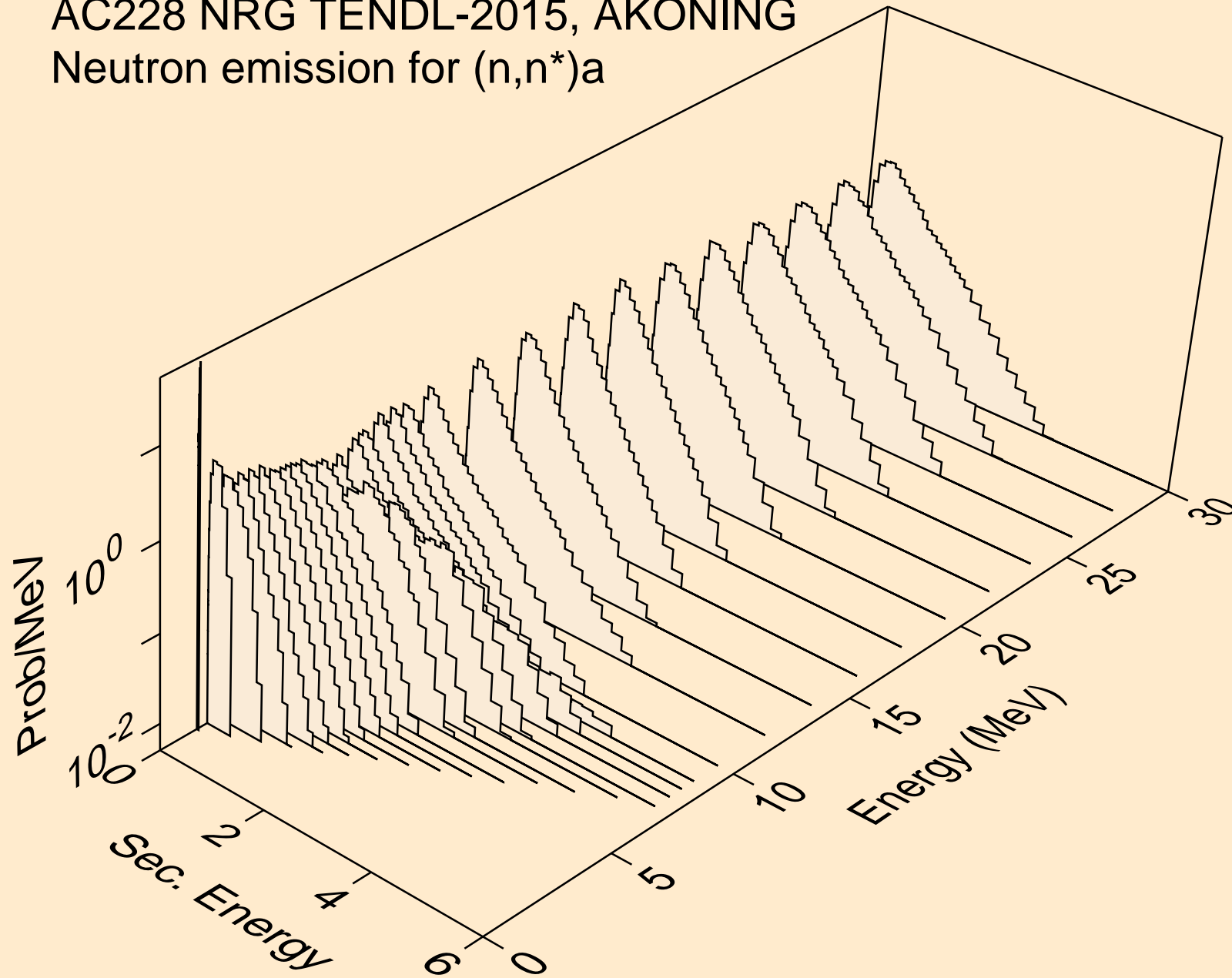
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



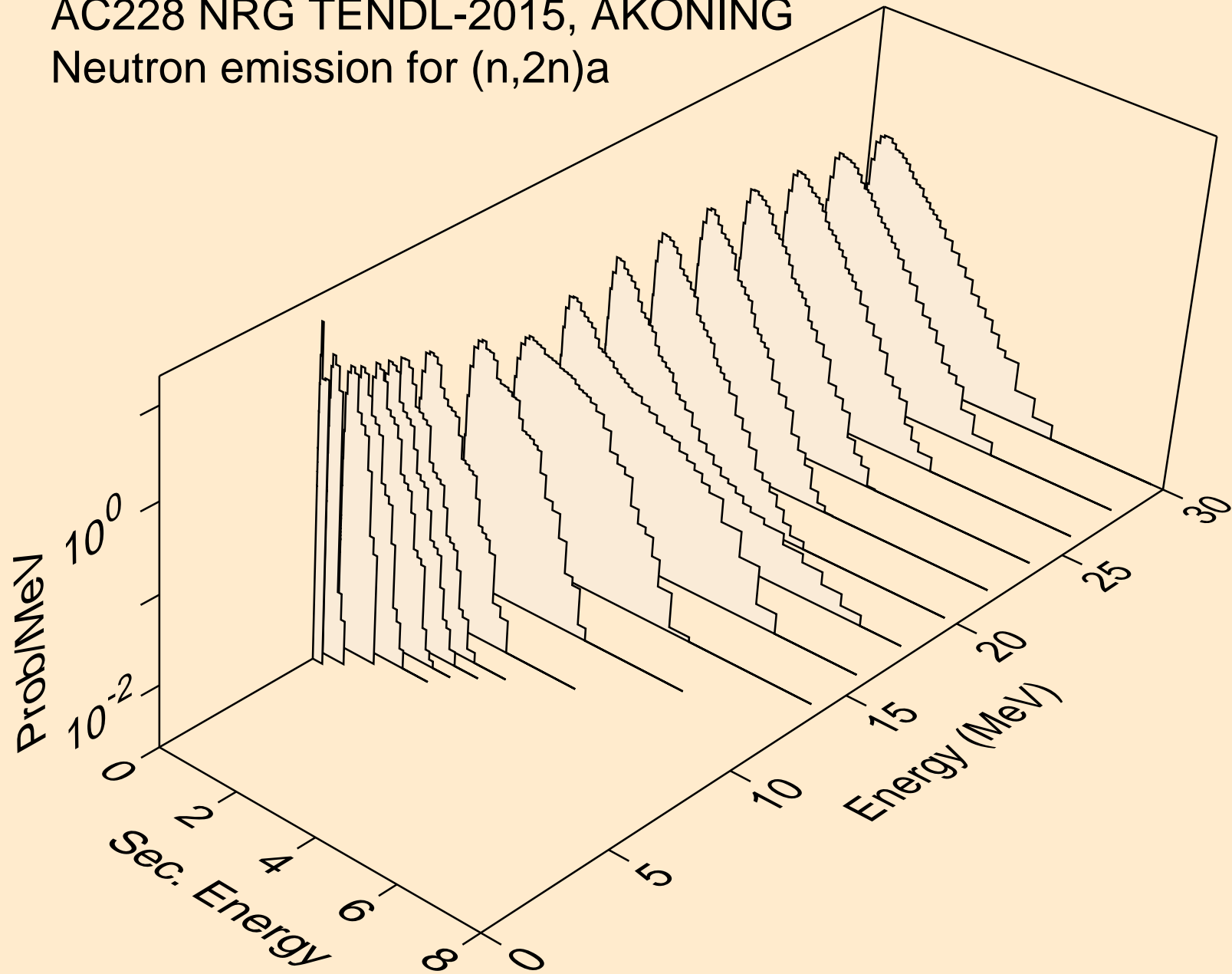
AC228 NRG TENDL-2015, AKONING  
Neutron emission for fission



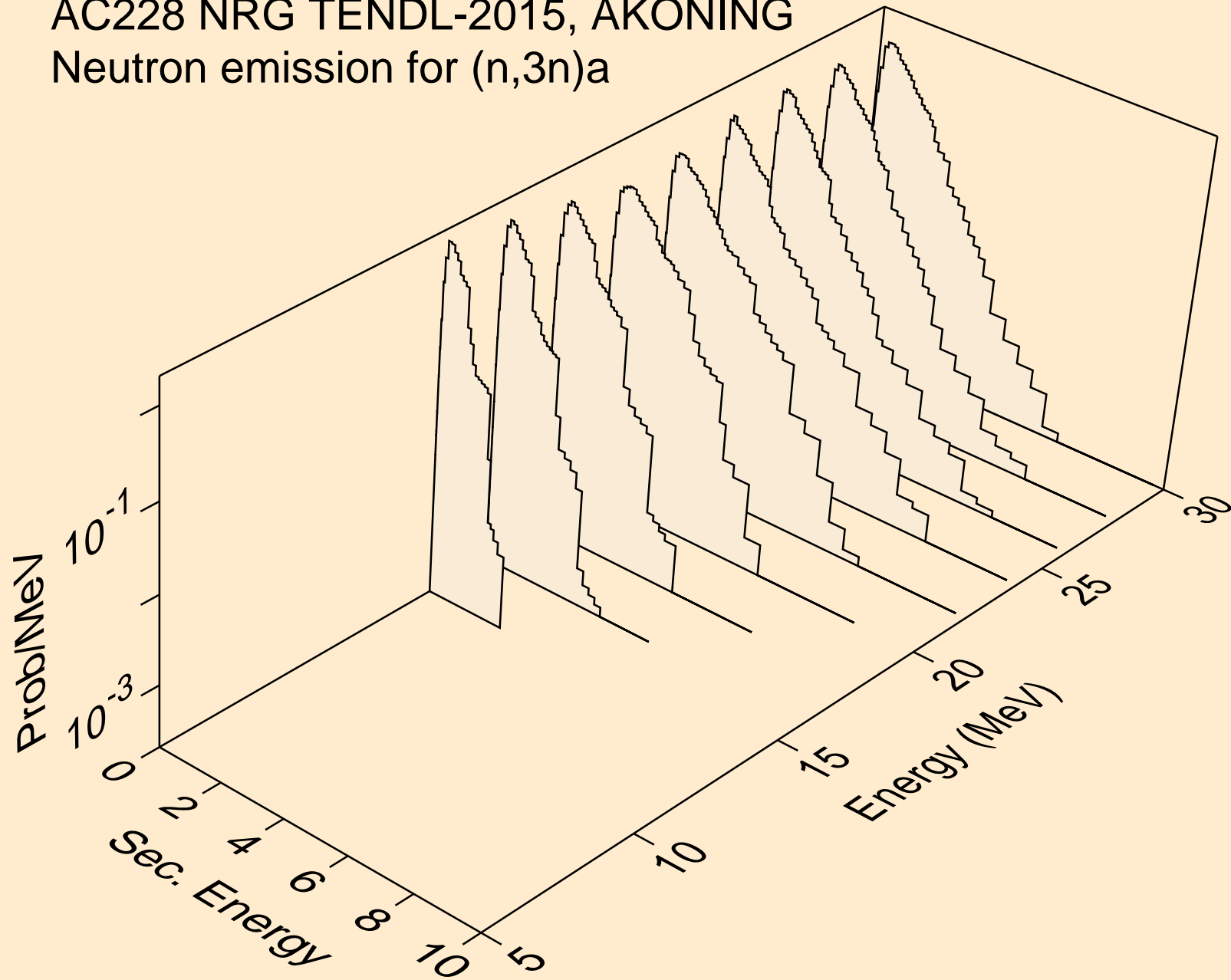
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

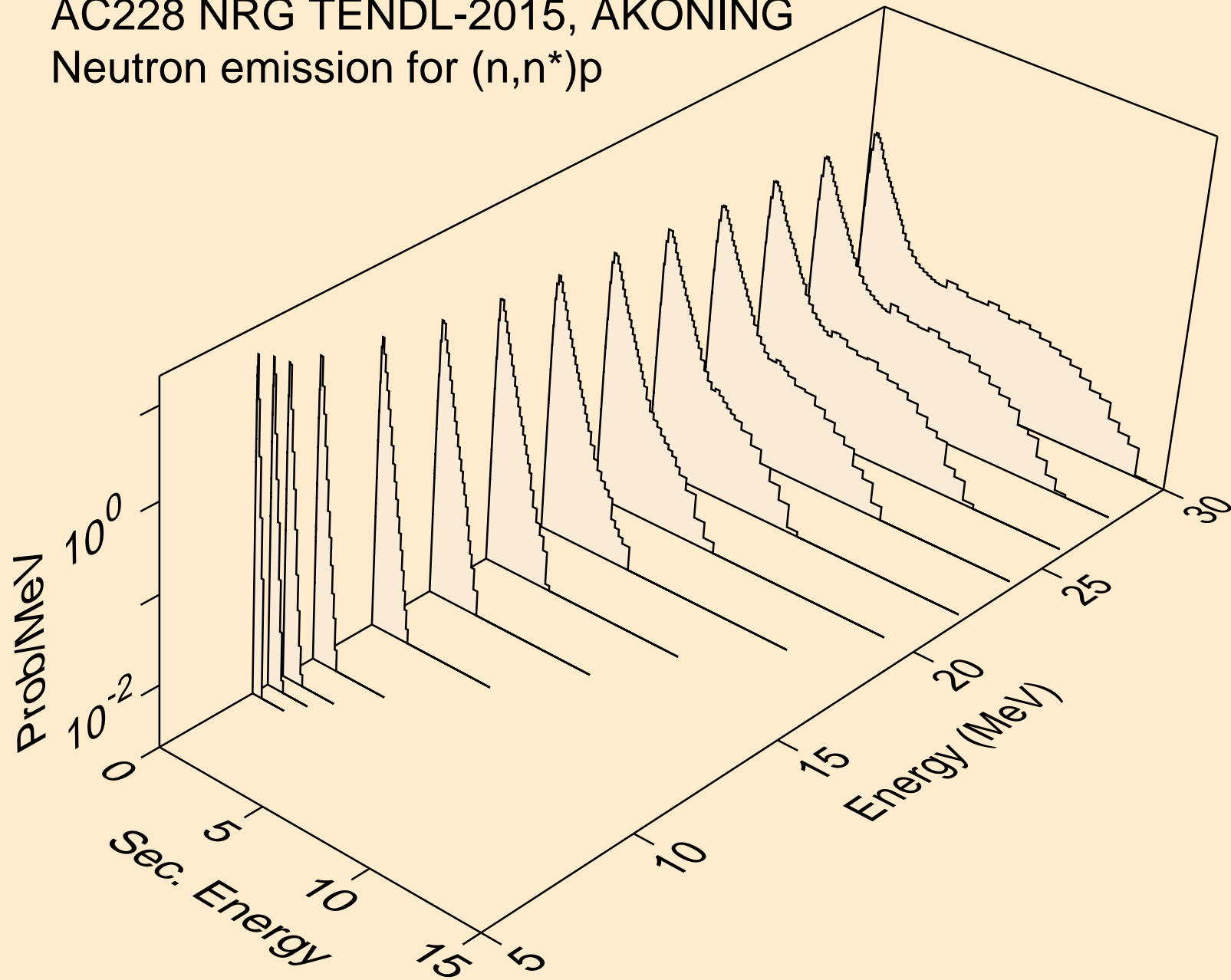


AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

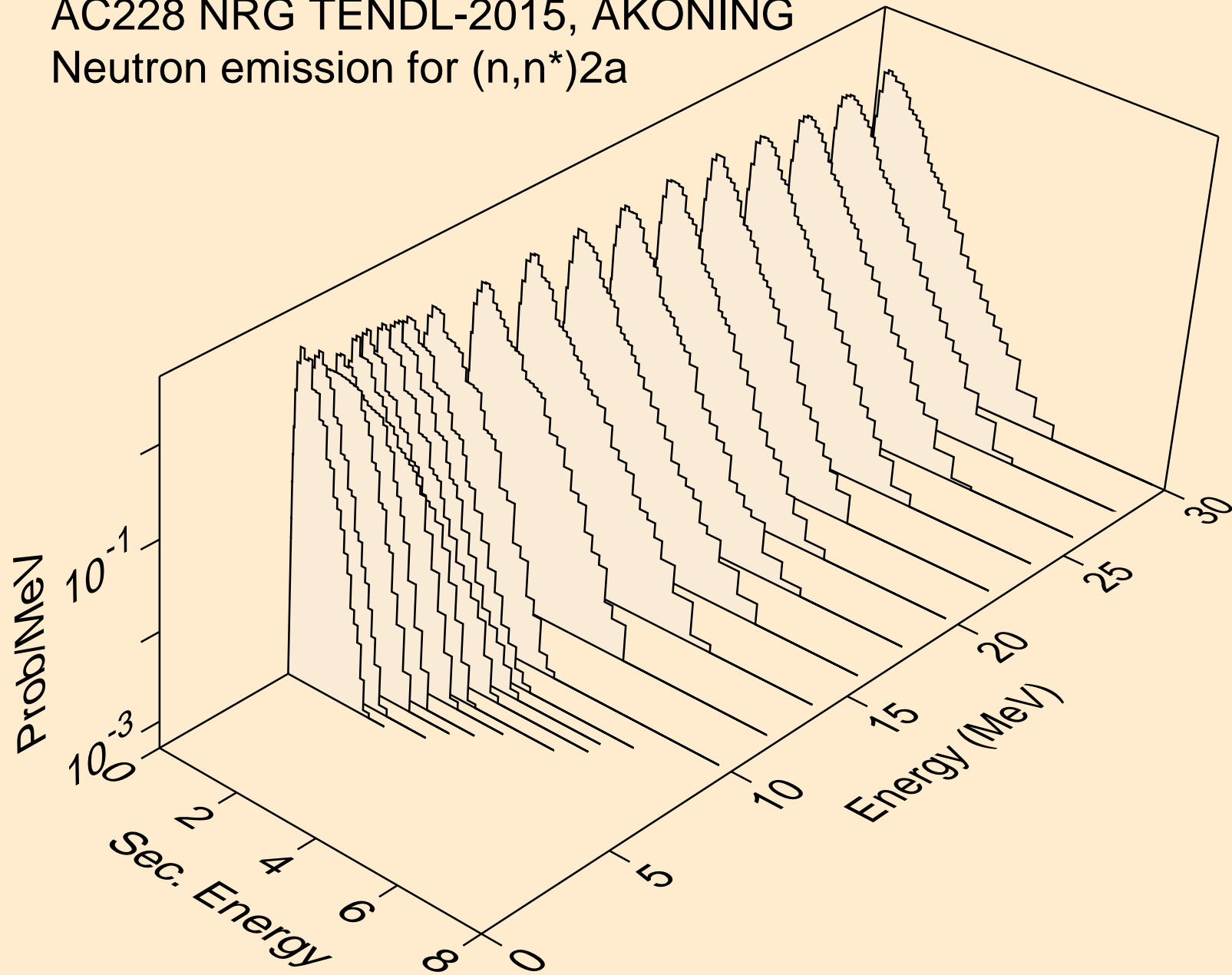




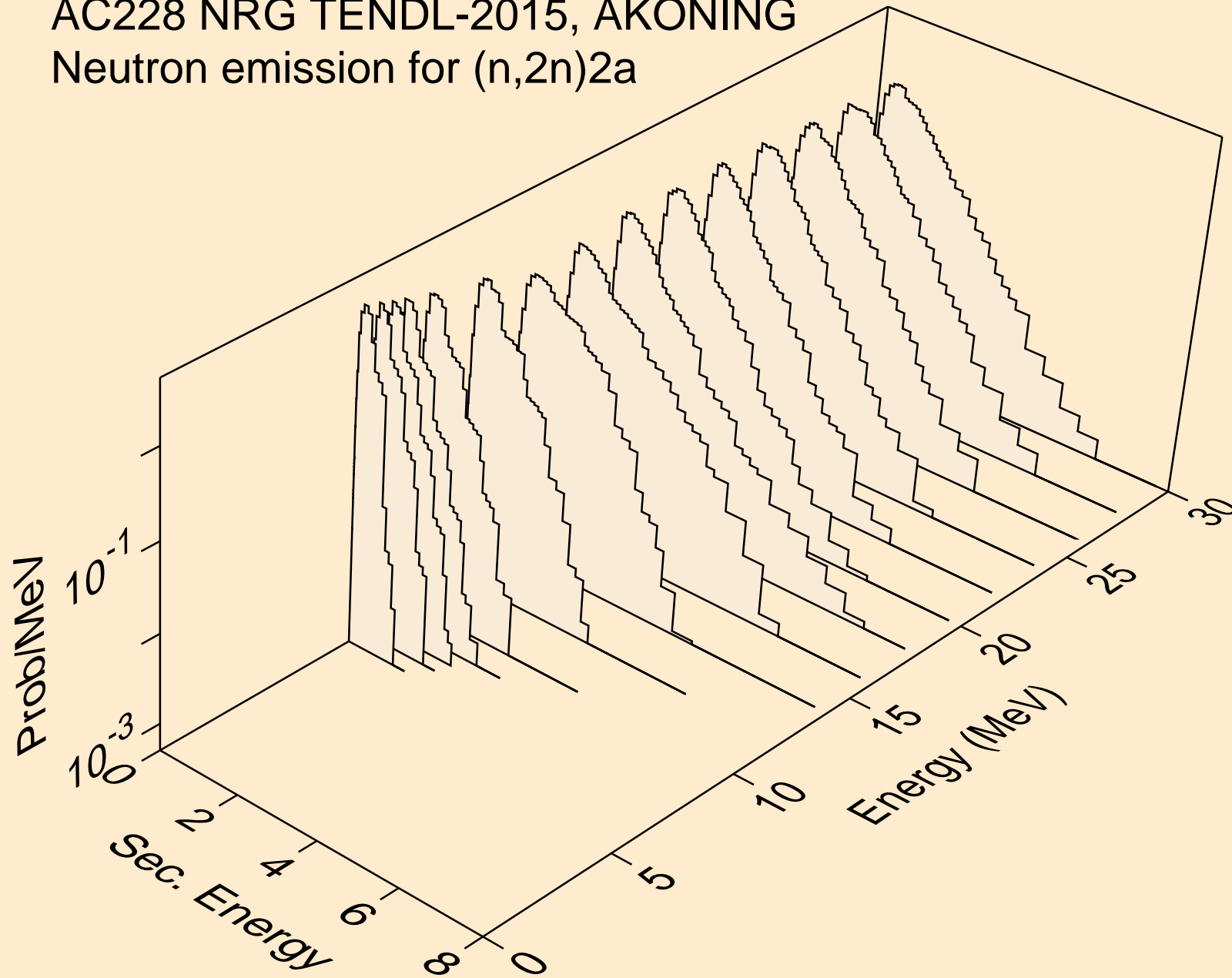
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



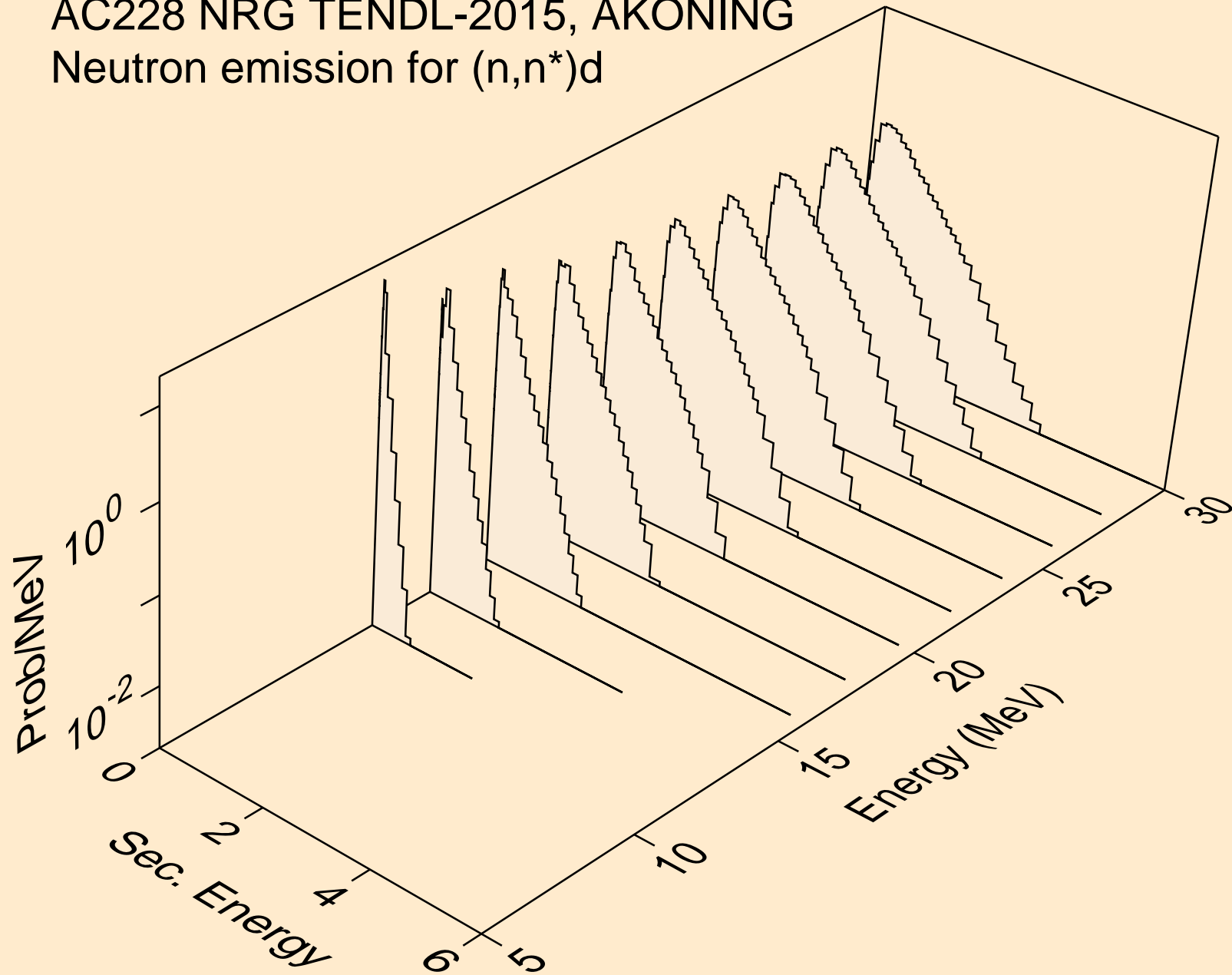
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



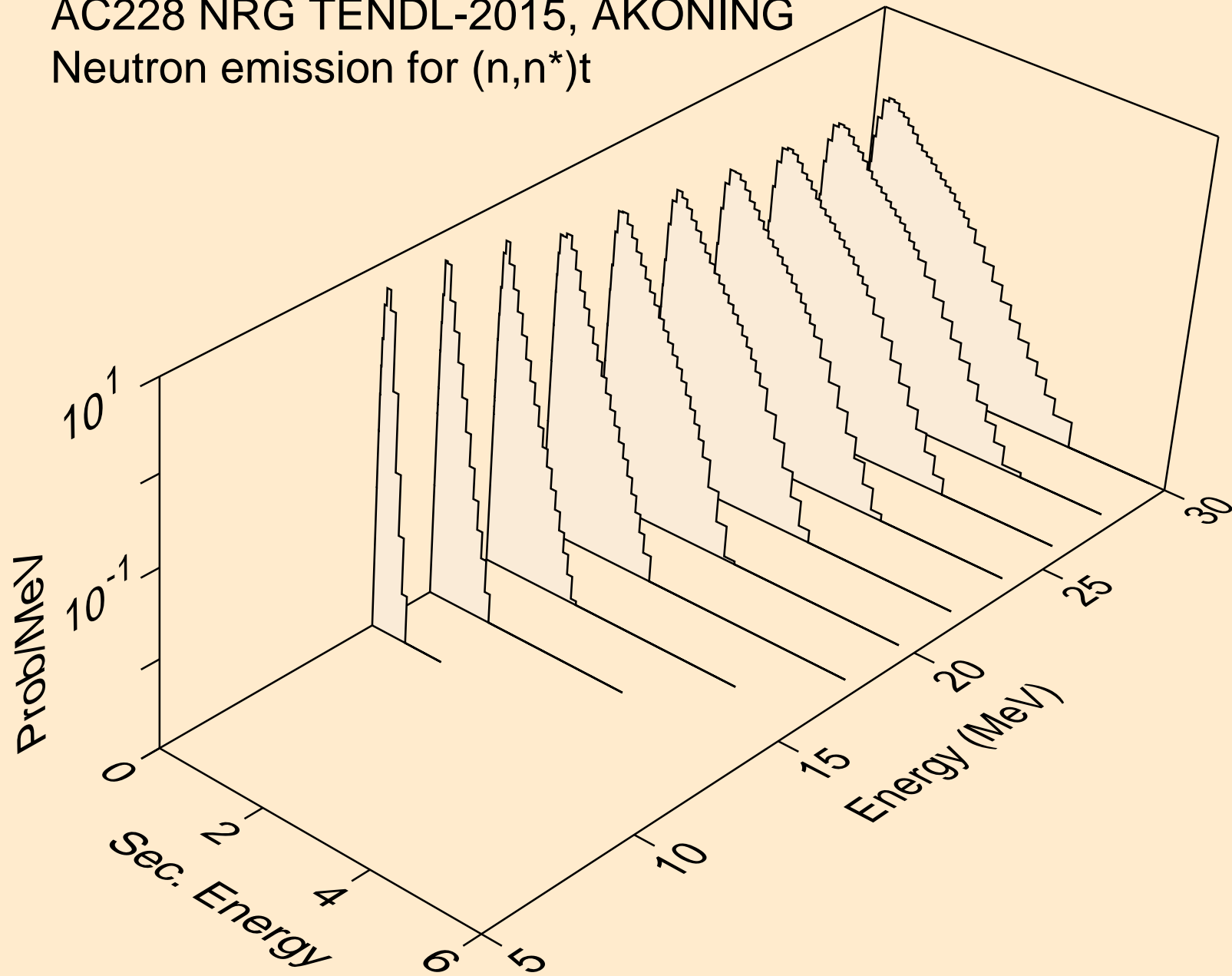
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



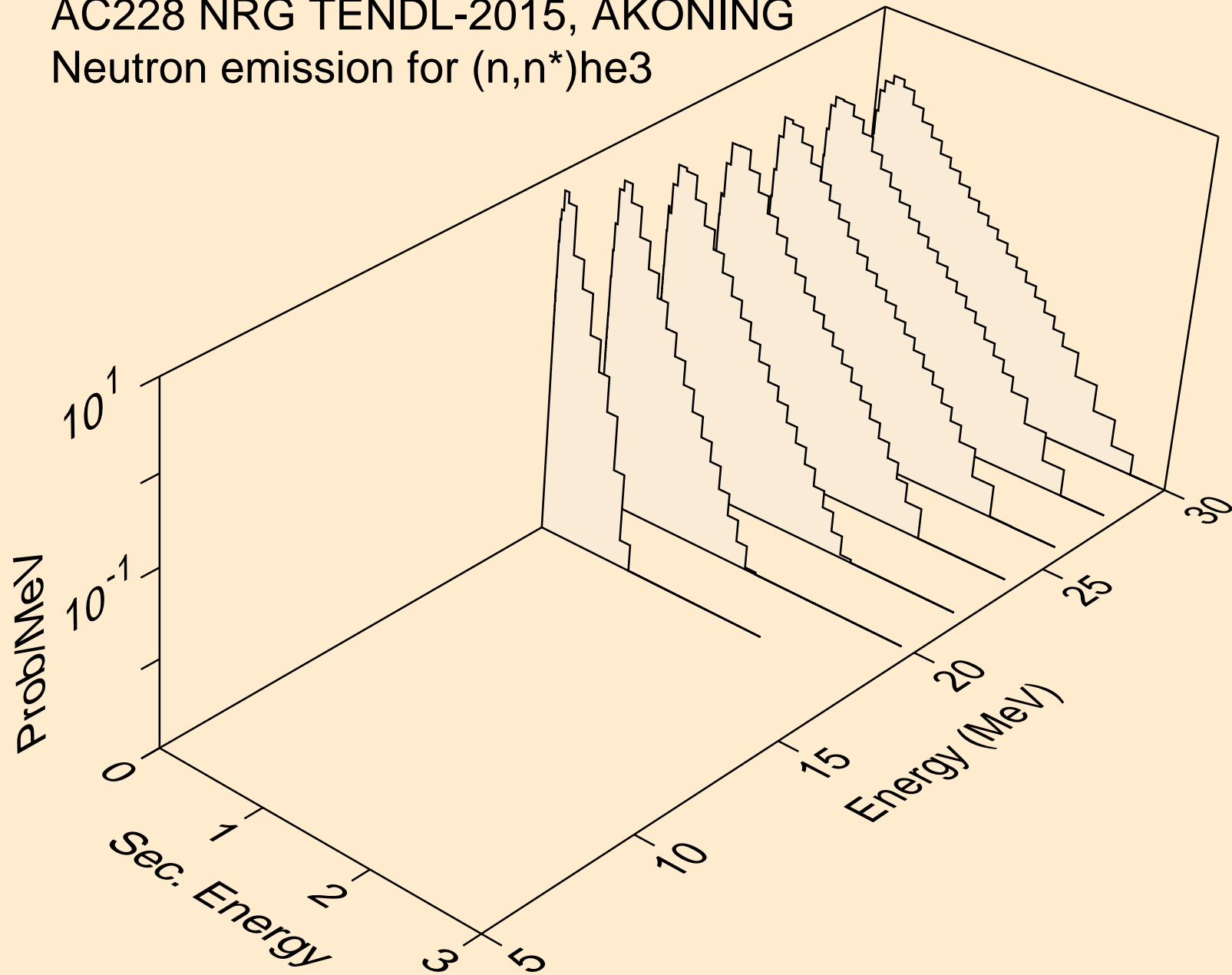
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



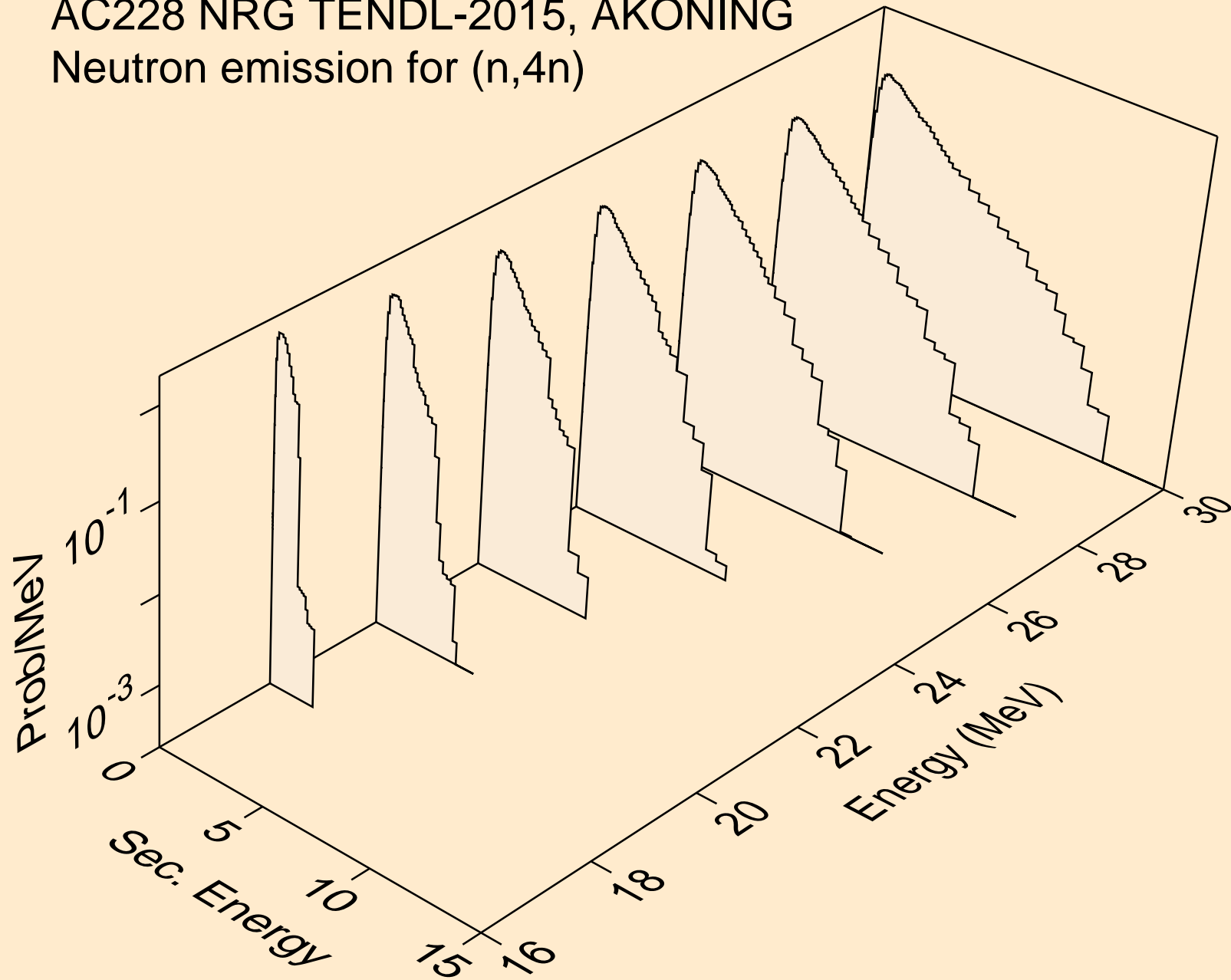
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



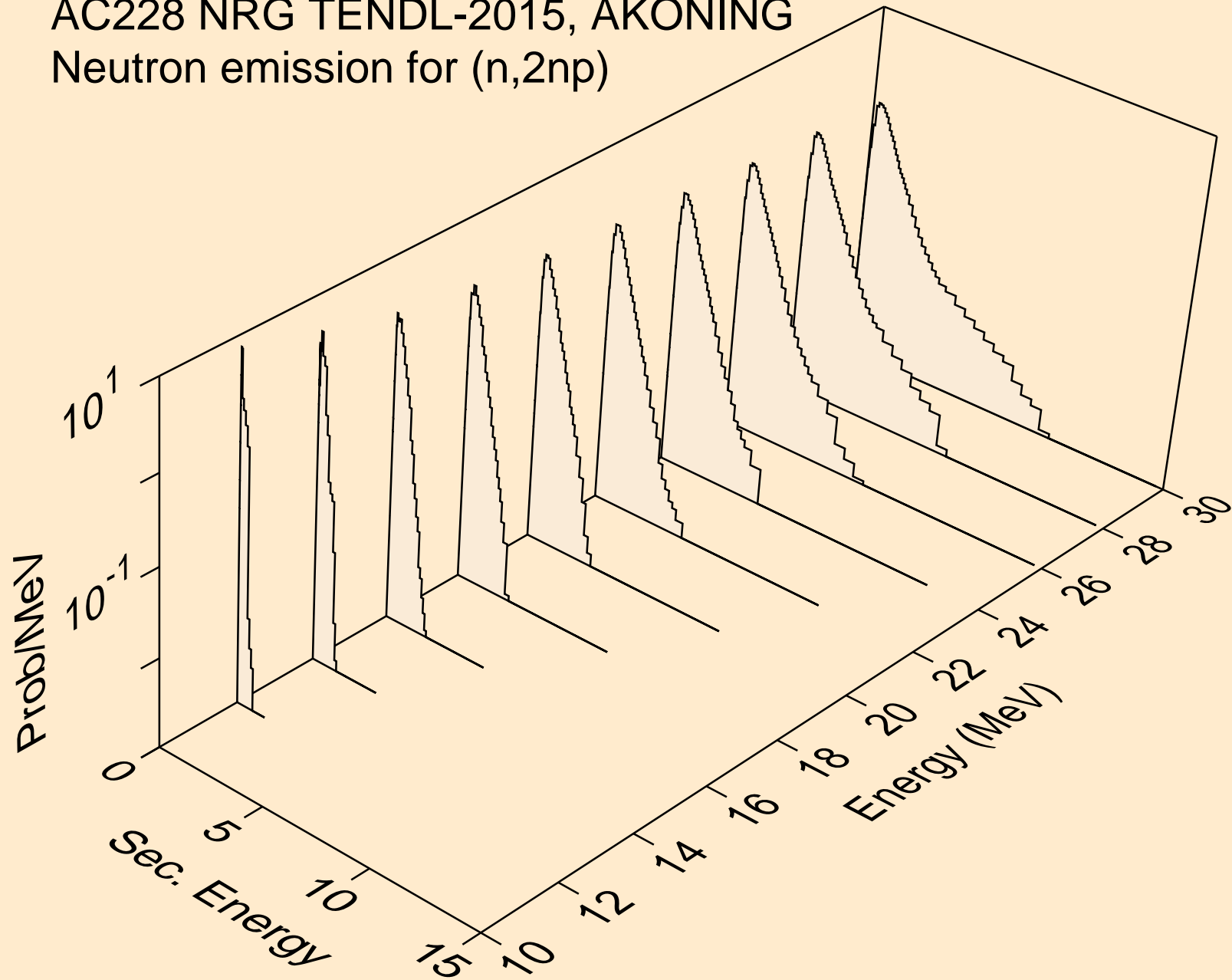
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

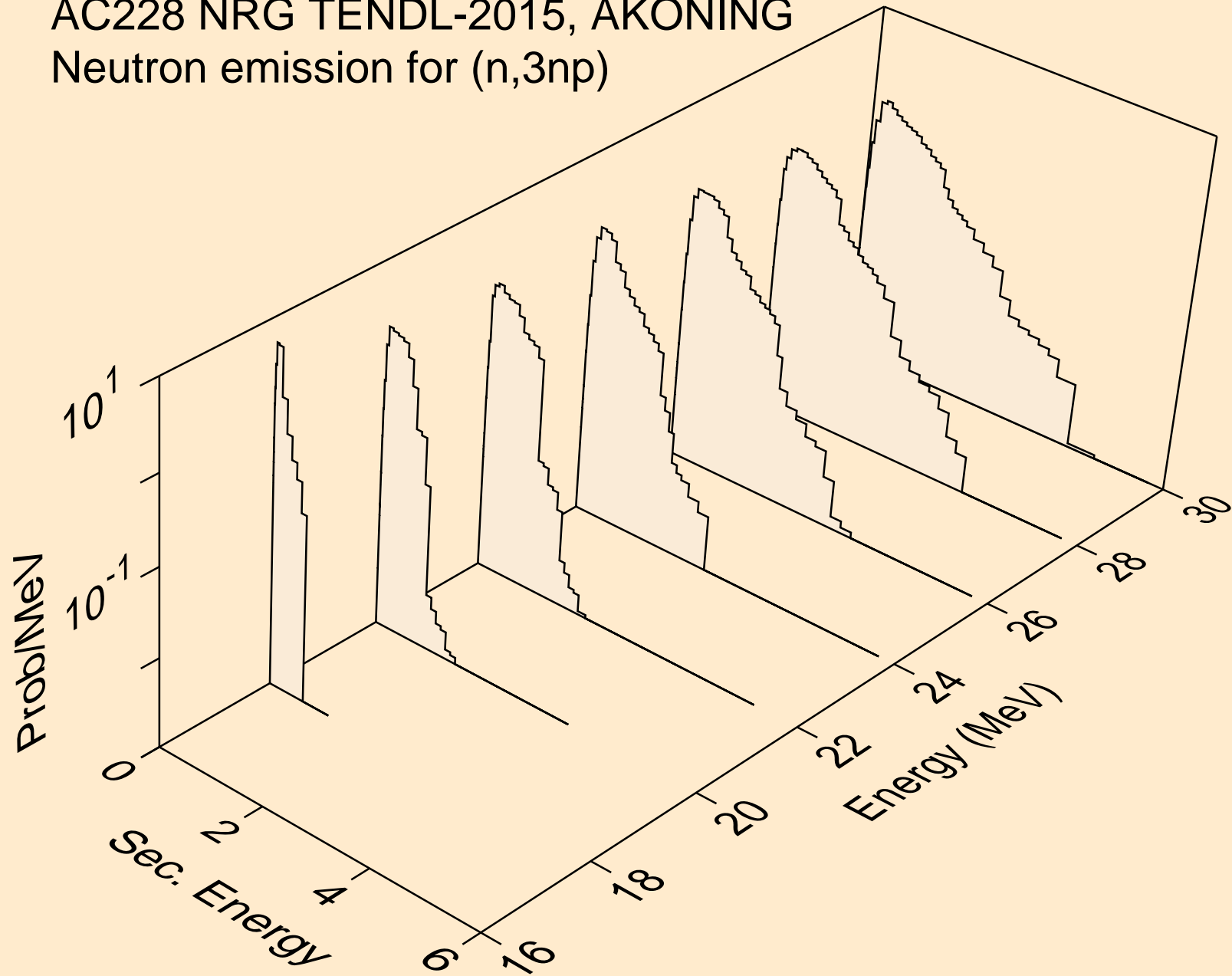


AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

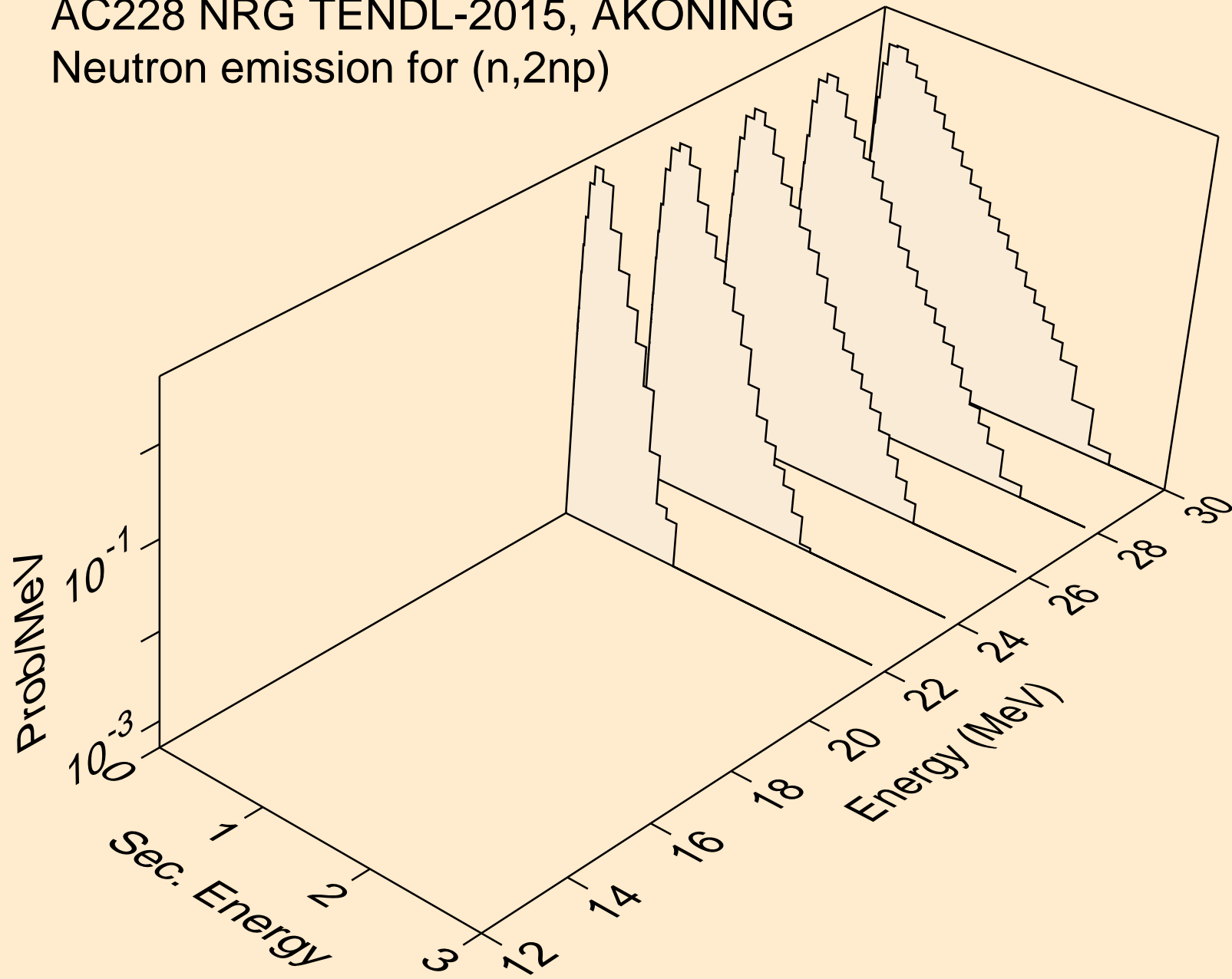




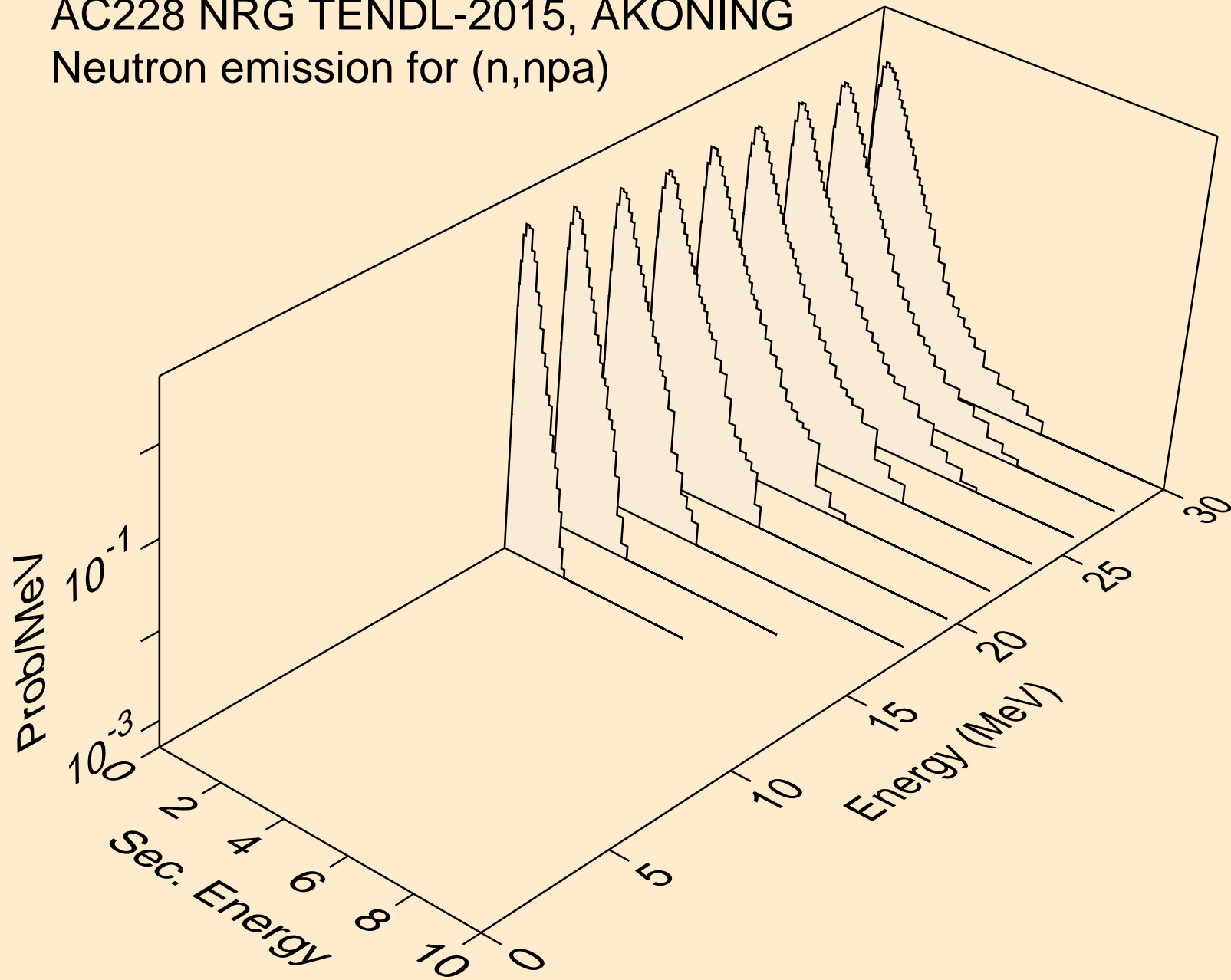
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



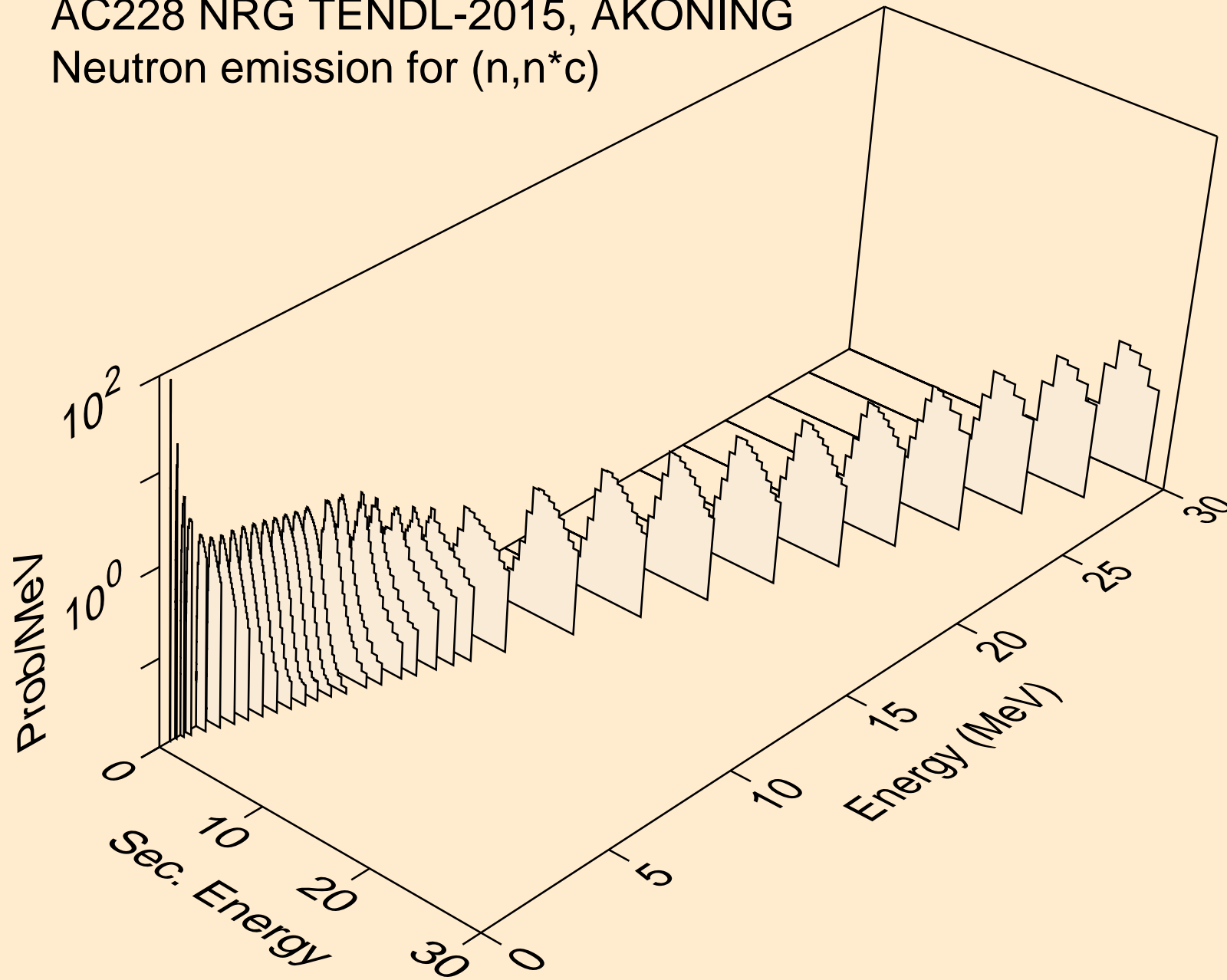
AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

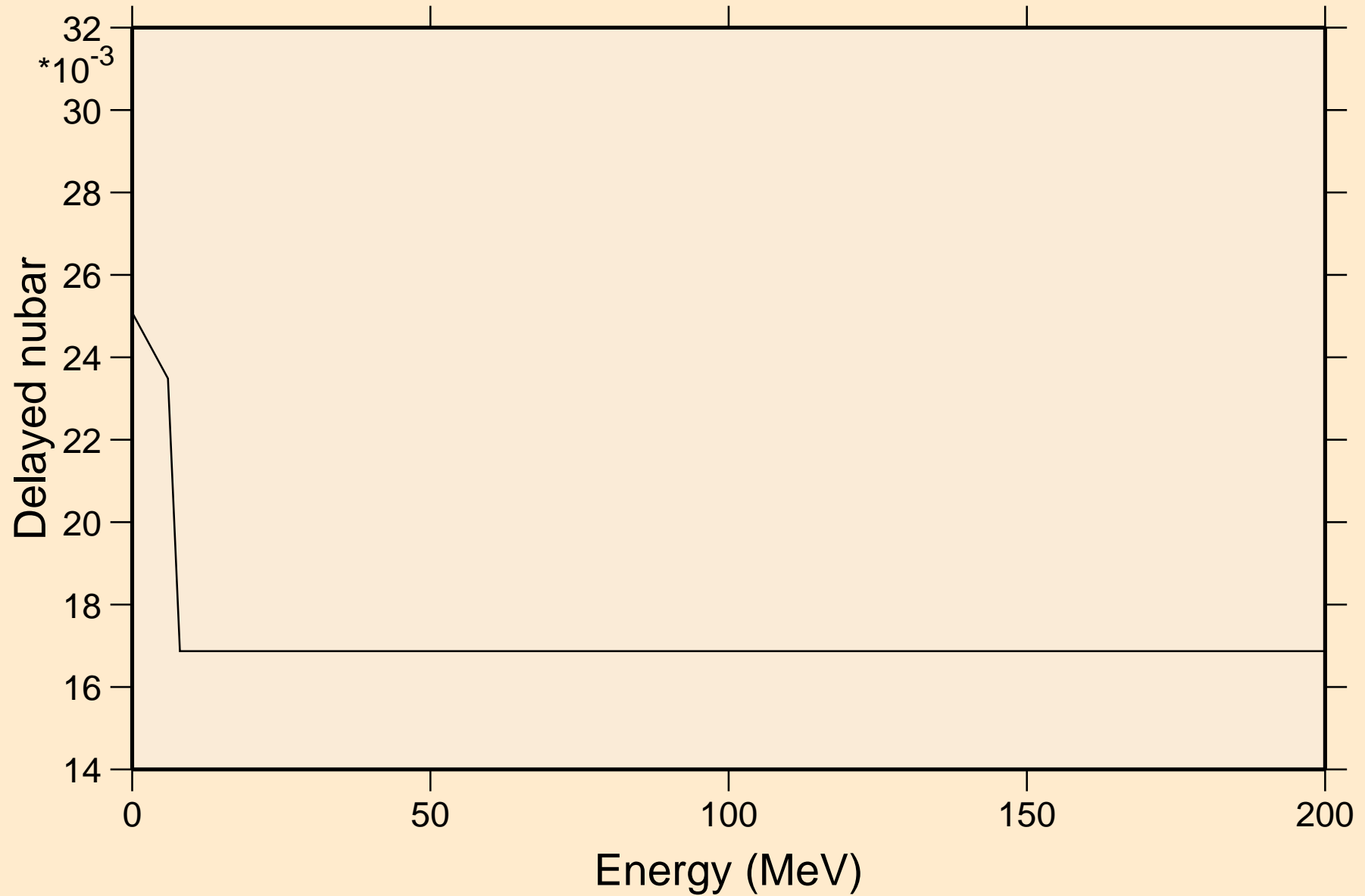


AC228 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



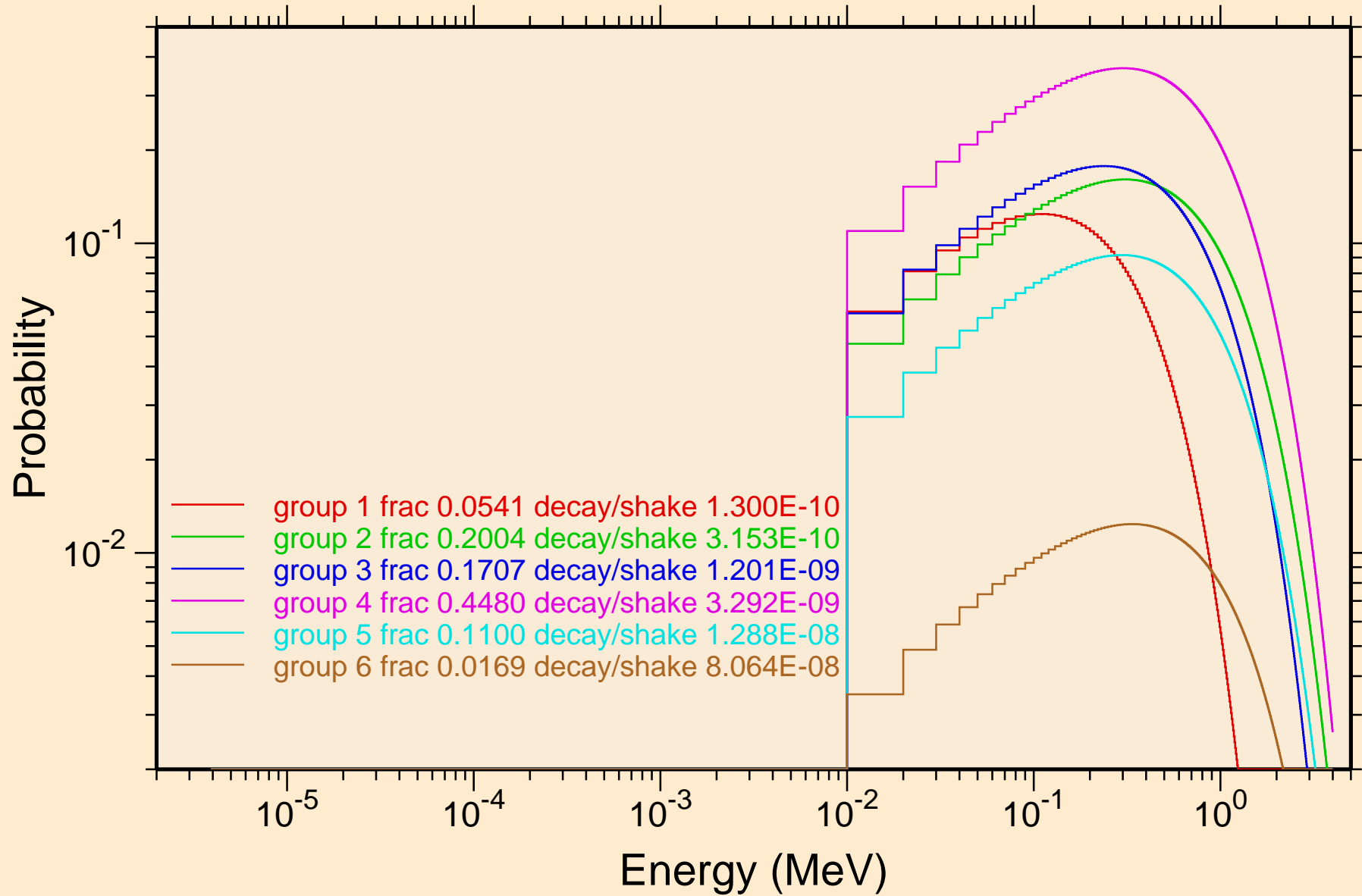
# AC228 NRG TENDL-2015, AKONING

Delayed nubar

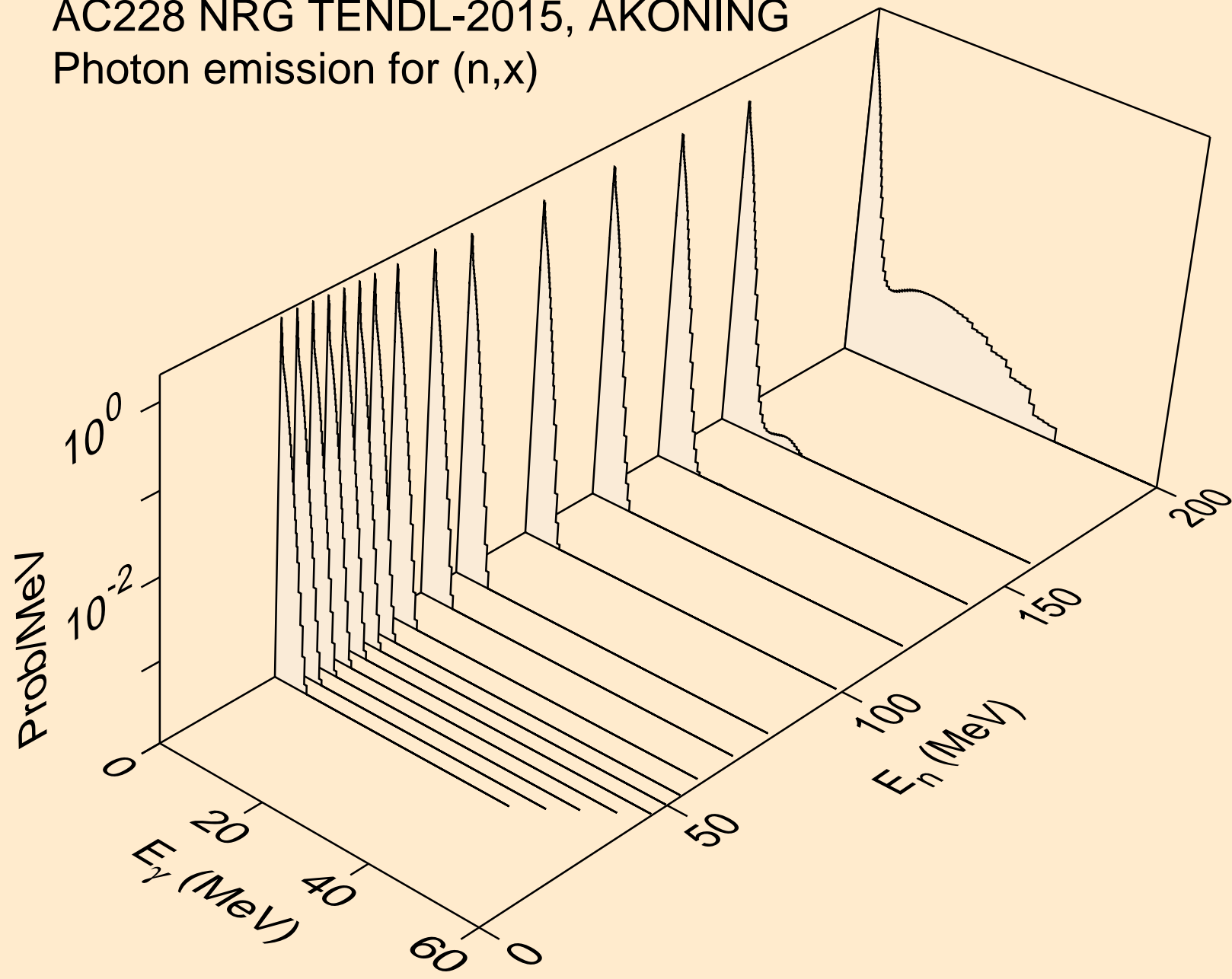


# AC228 NRG TENDL-2015, AKONING

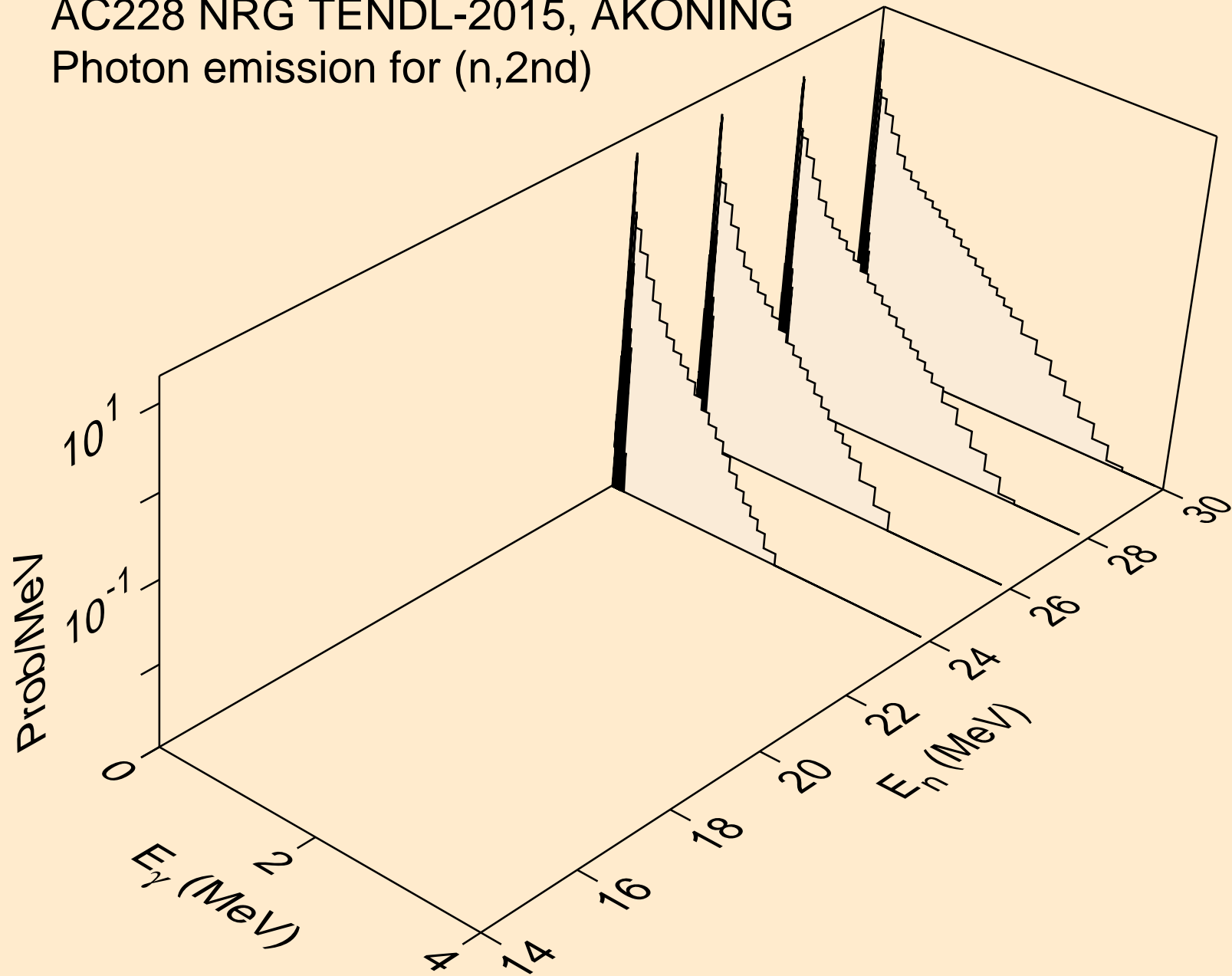
## Delayed neutron spectra



AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

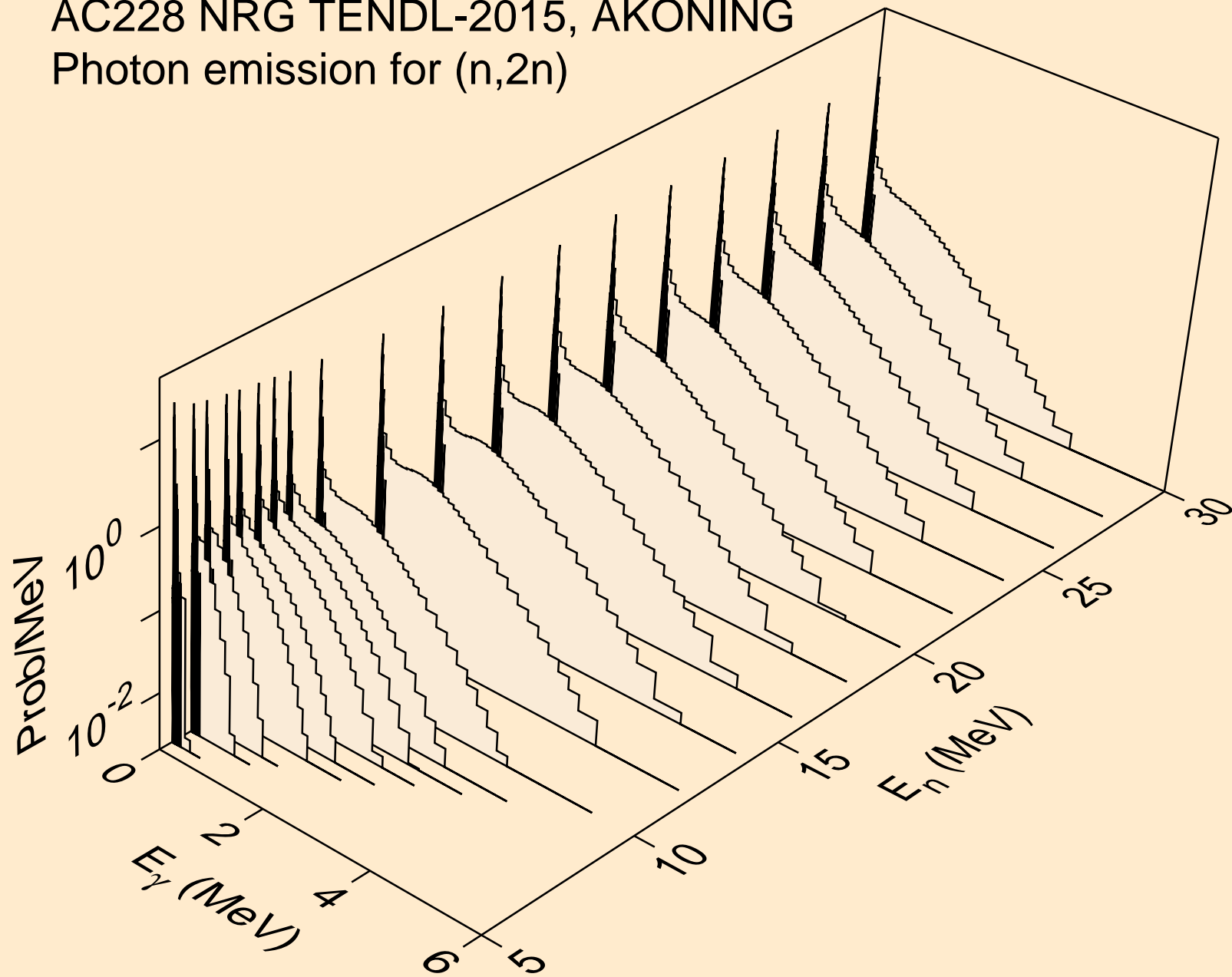


AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

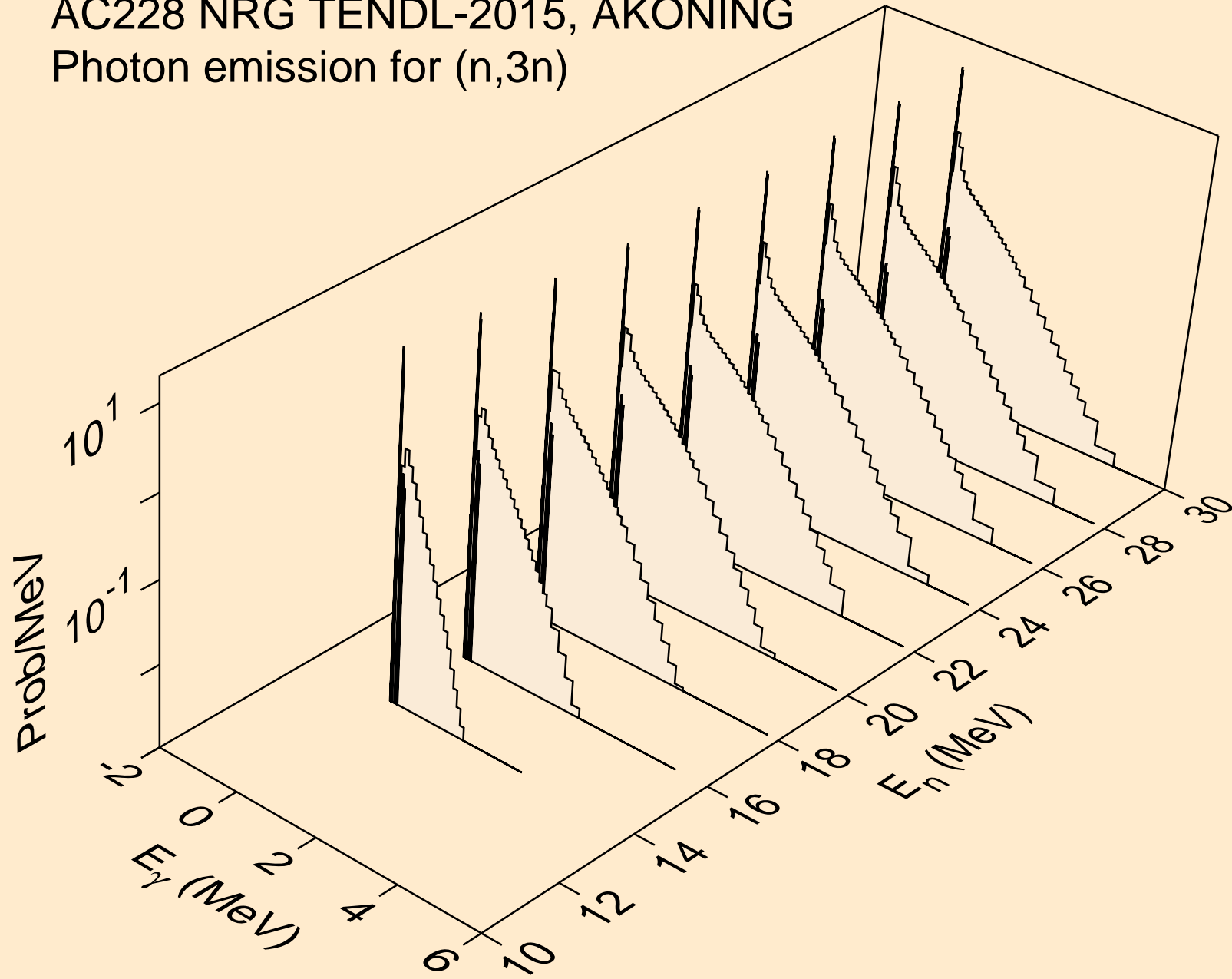




AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

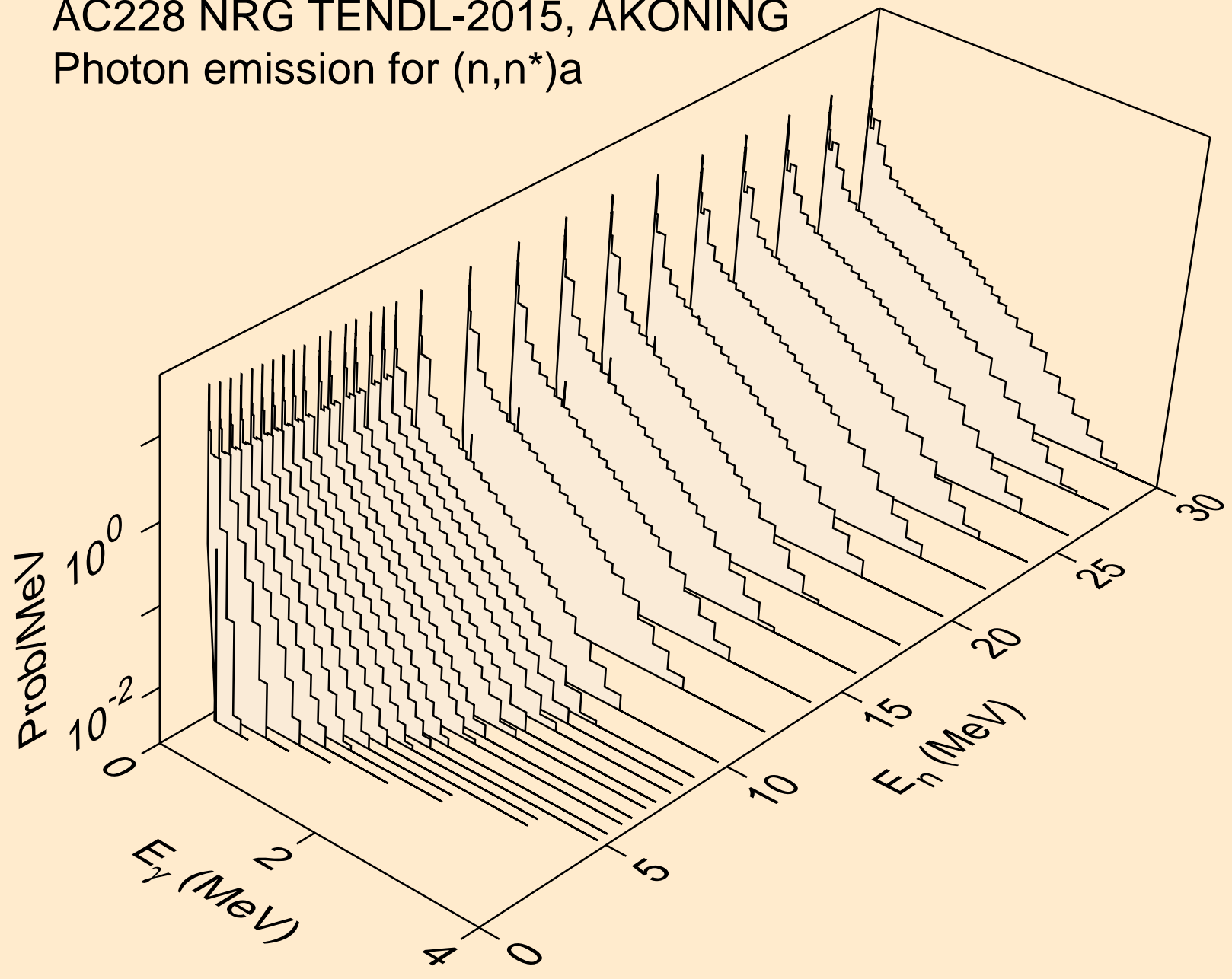


AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

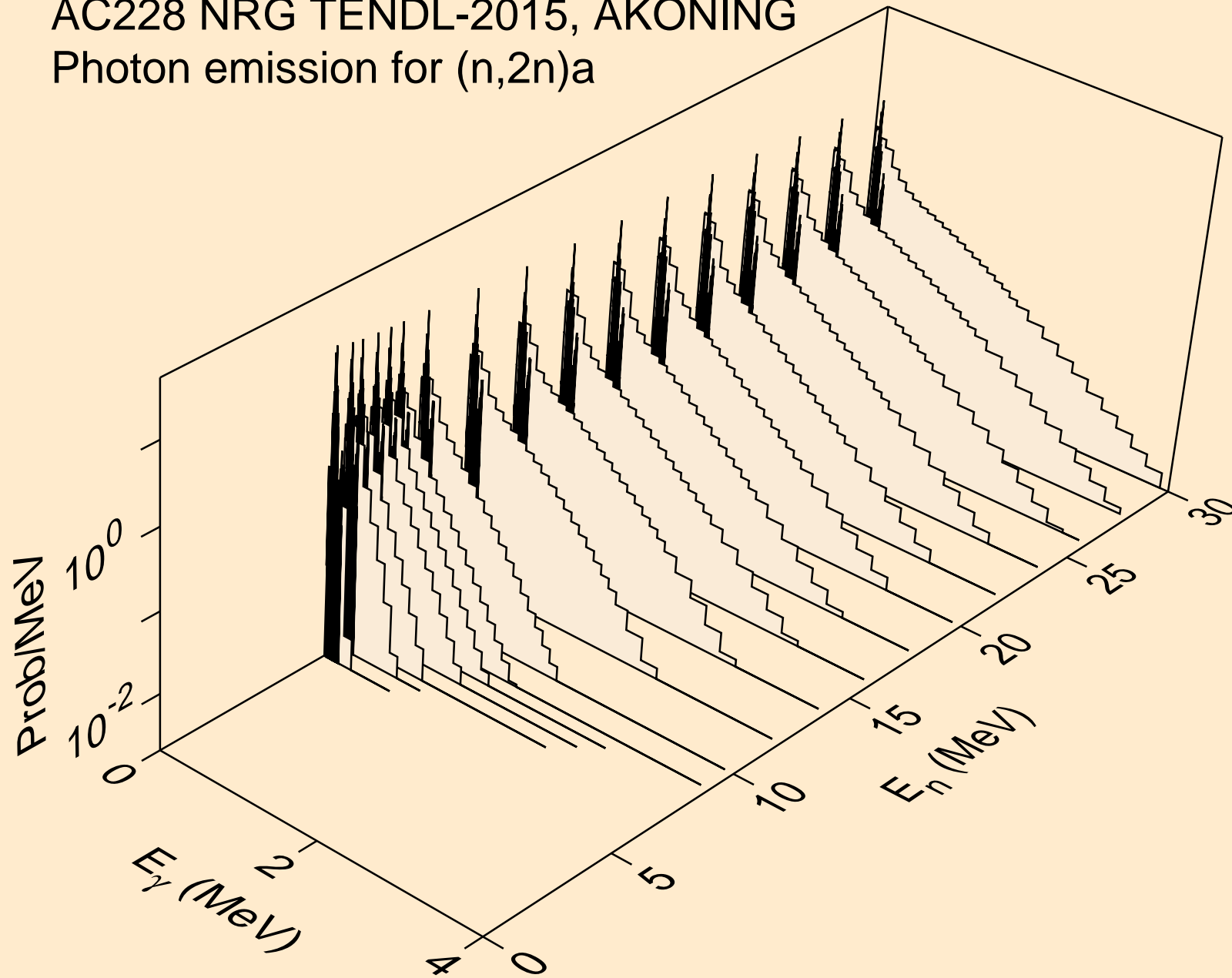


# AC228 NRG TENDL-2015, AKONING

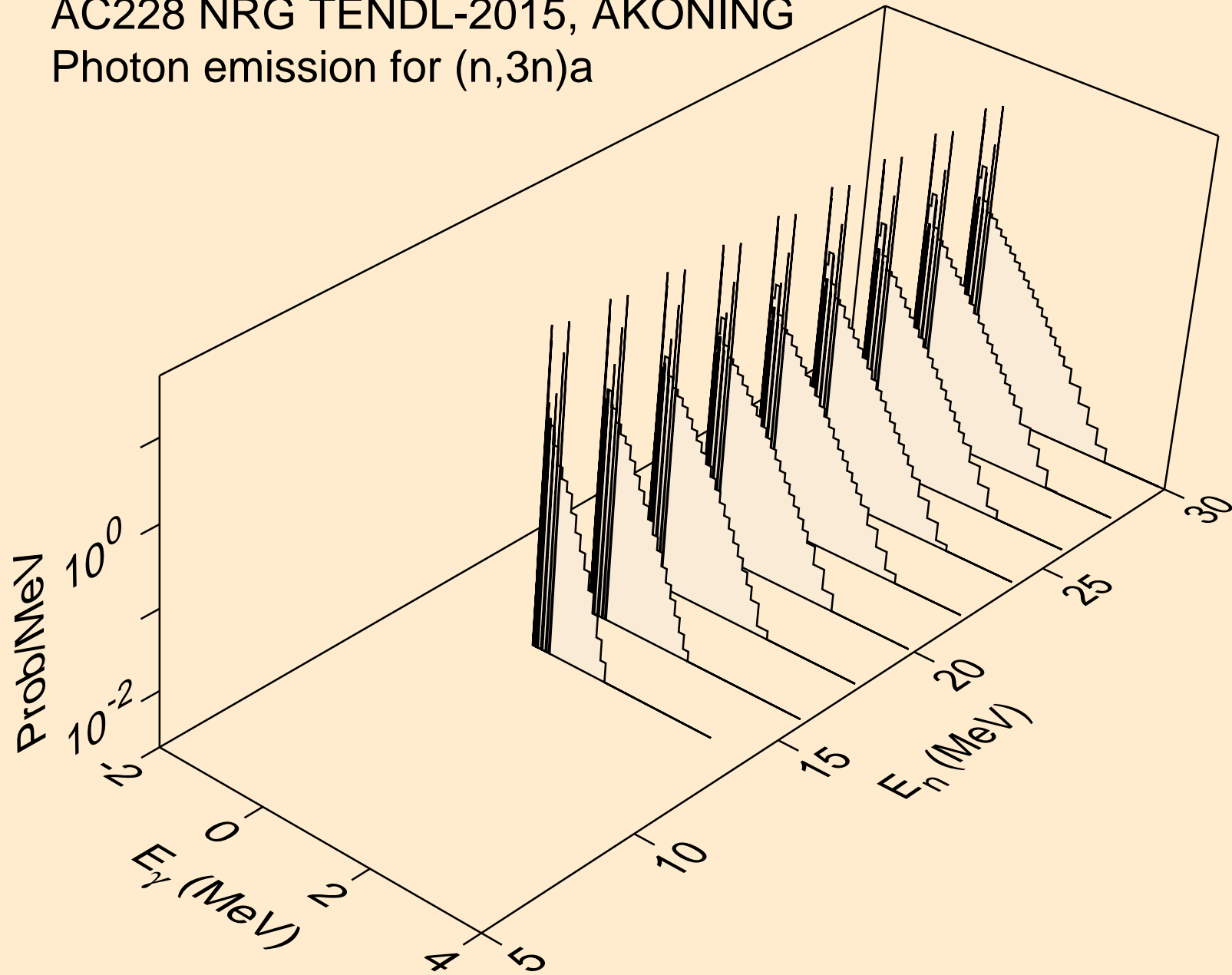
Photon emission for (n,n\*)a



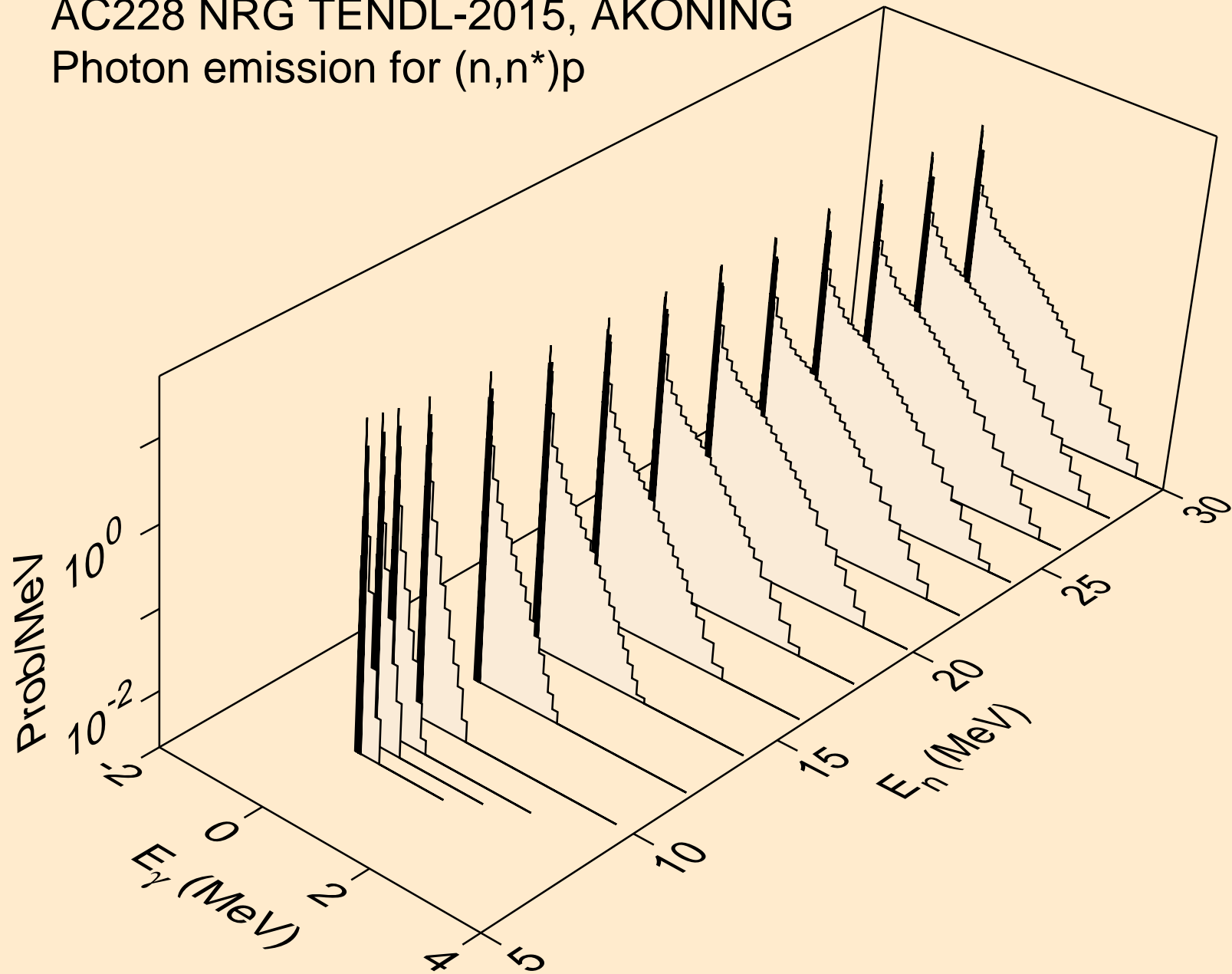
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)<sub>a</sub>



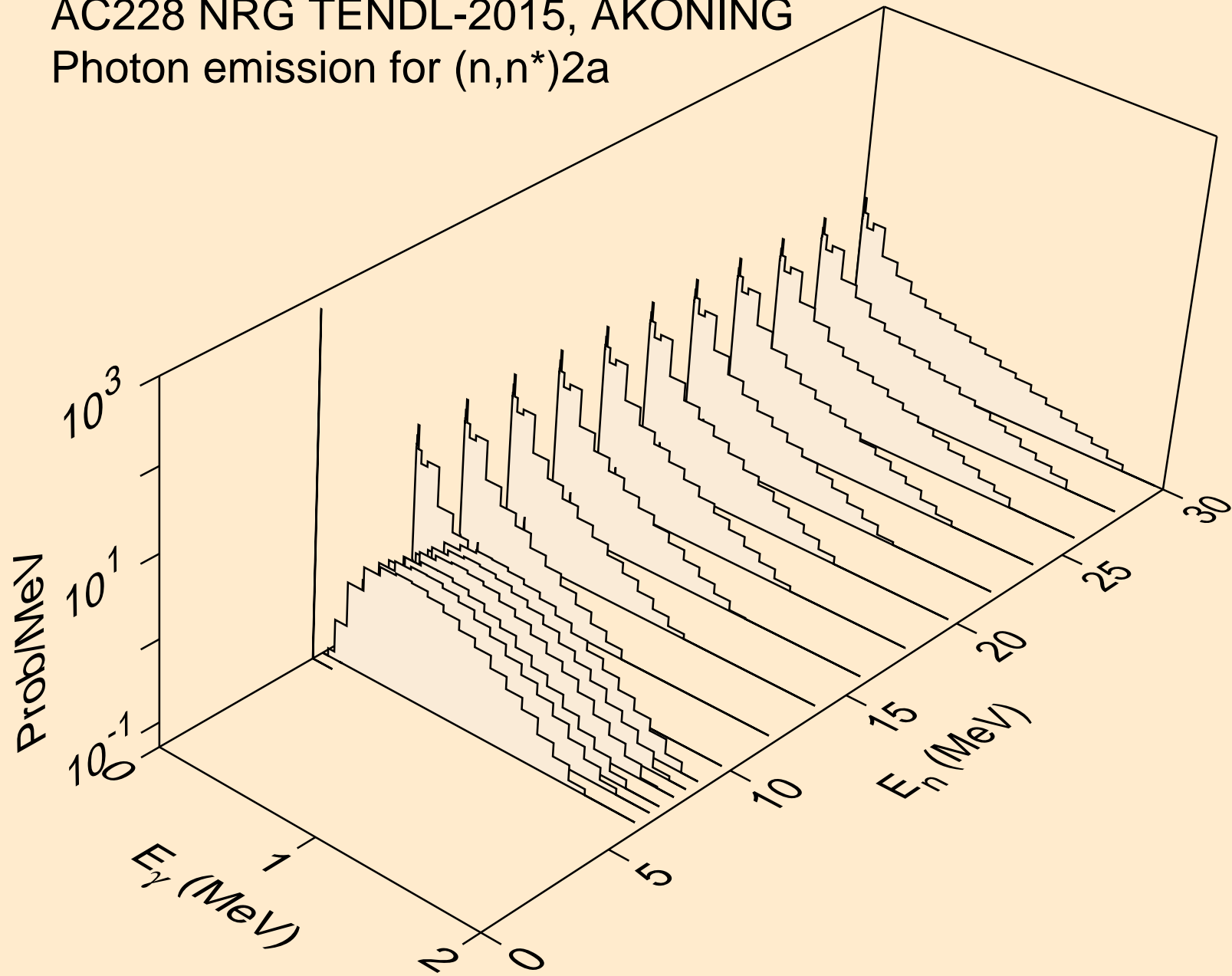
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



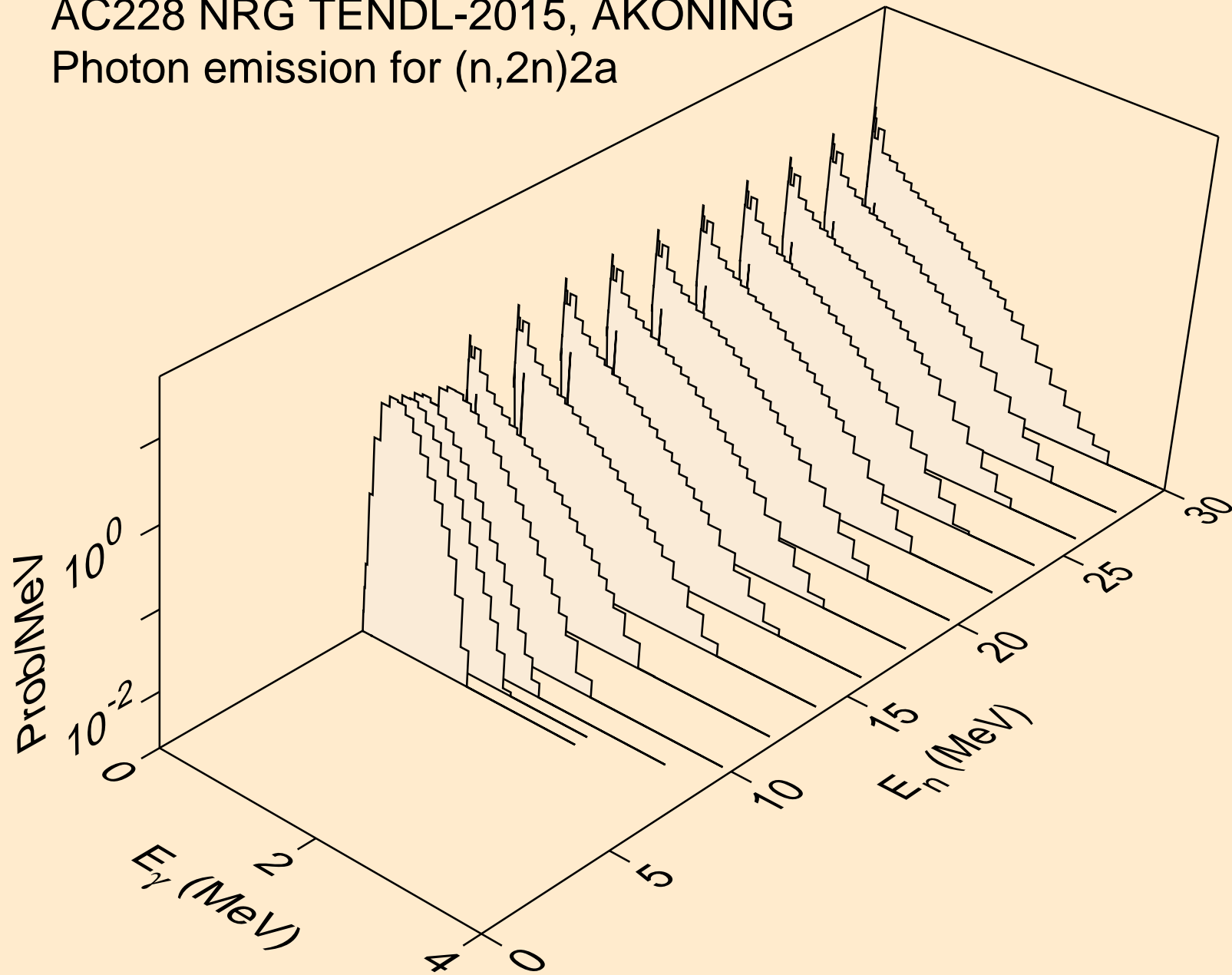
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



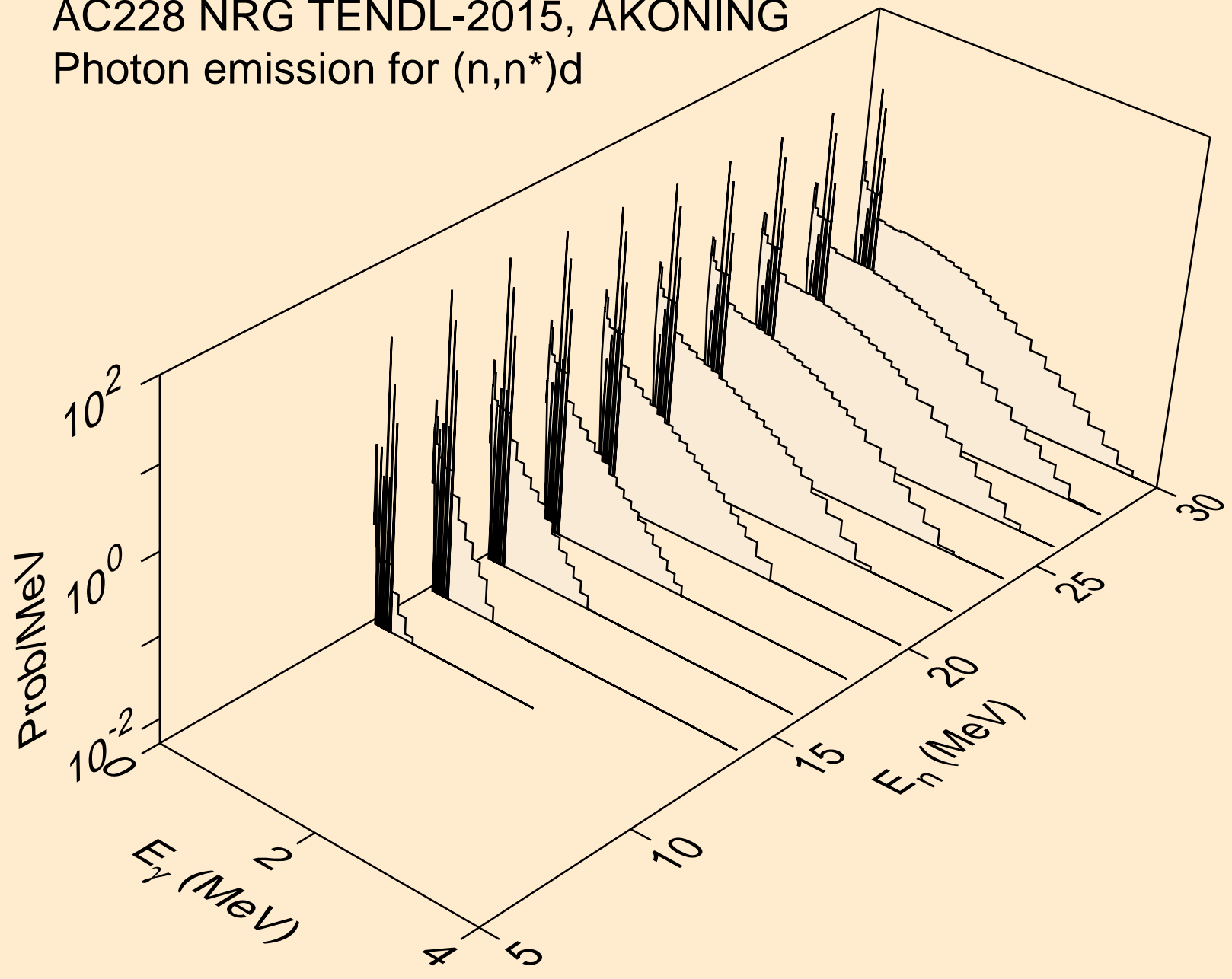
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



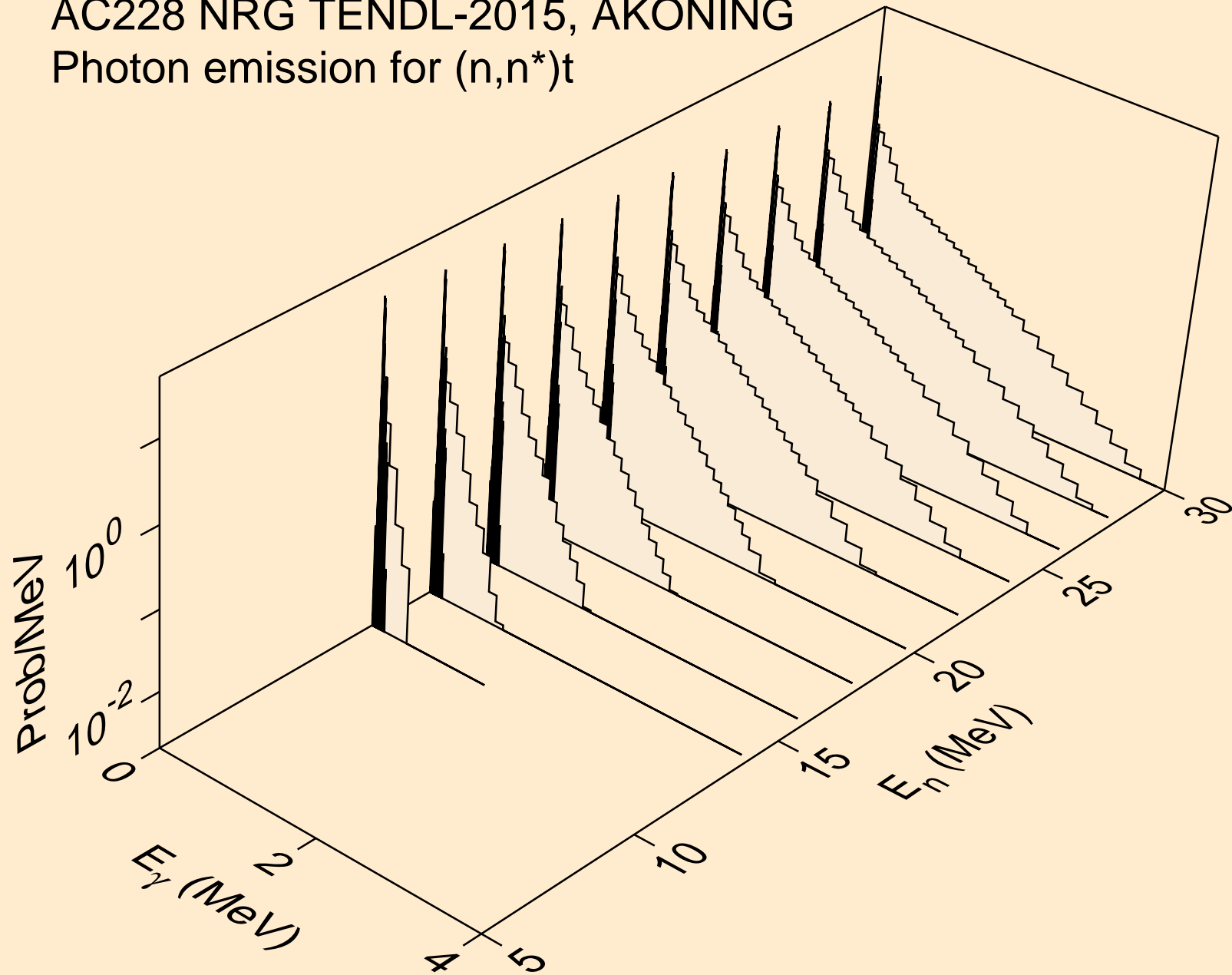


# AC228 NRG TENDL-2015, AKONING

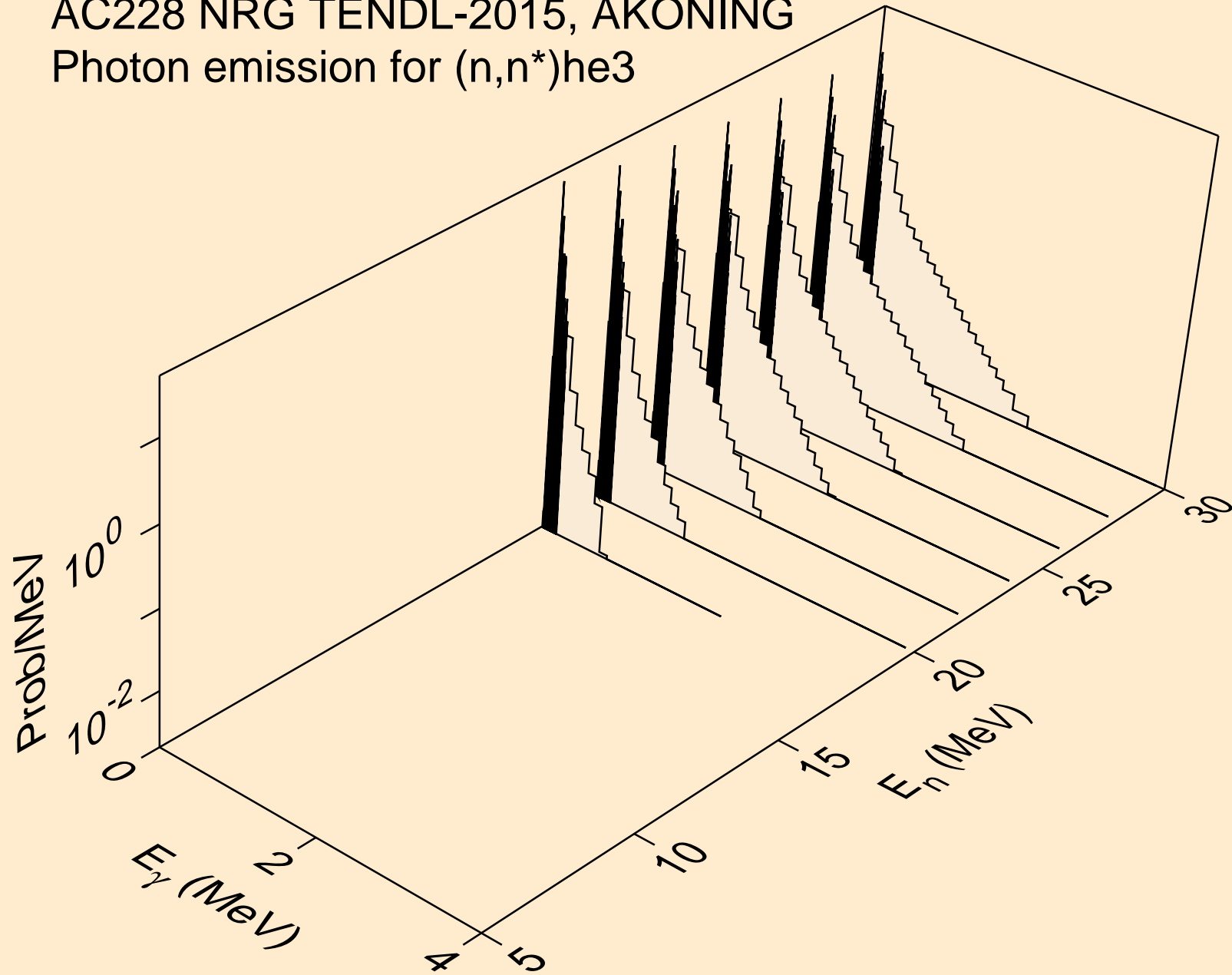
Photon emission for (n,n\*)d



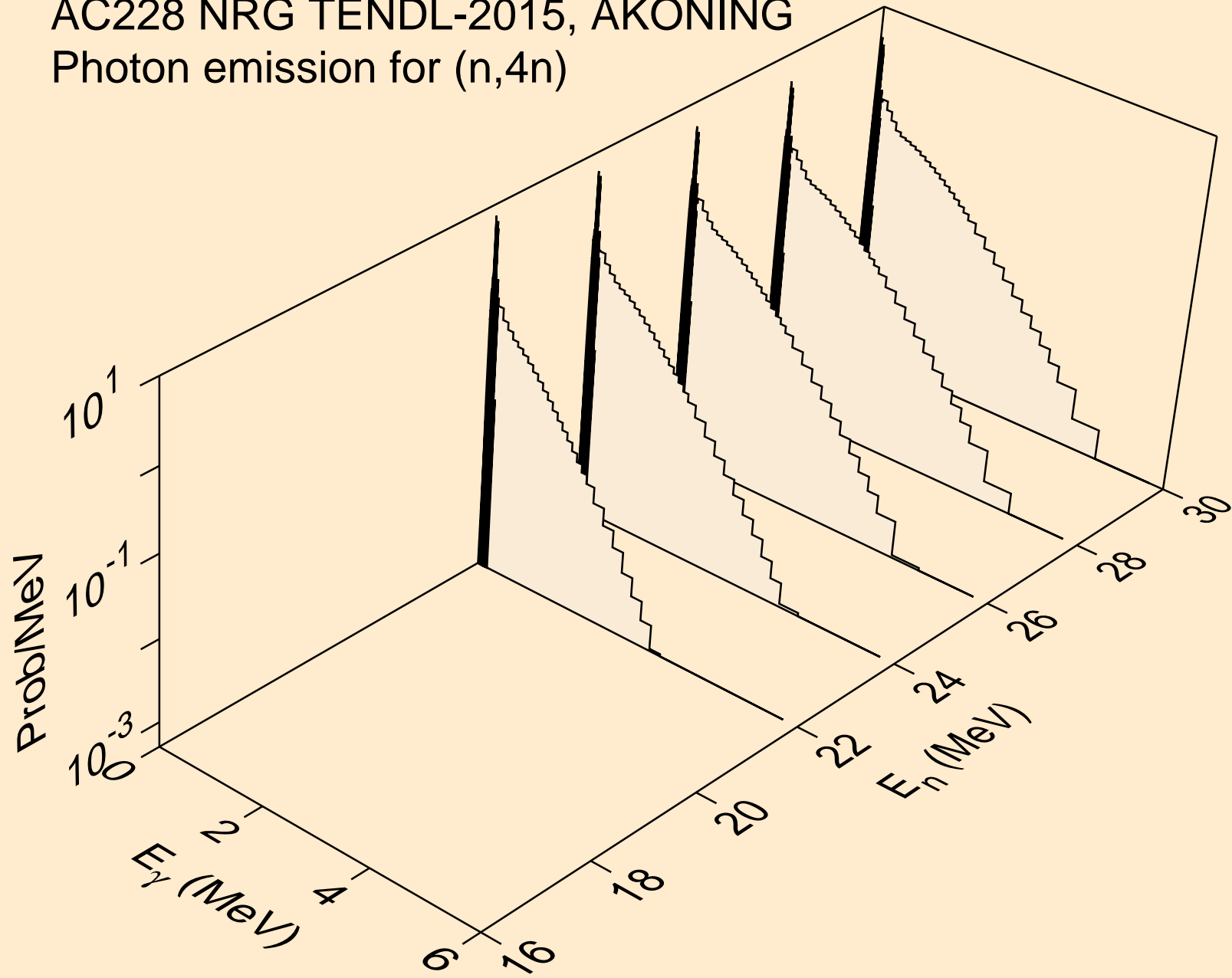
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



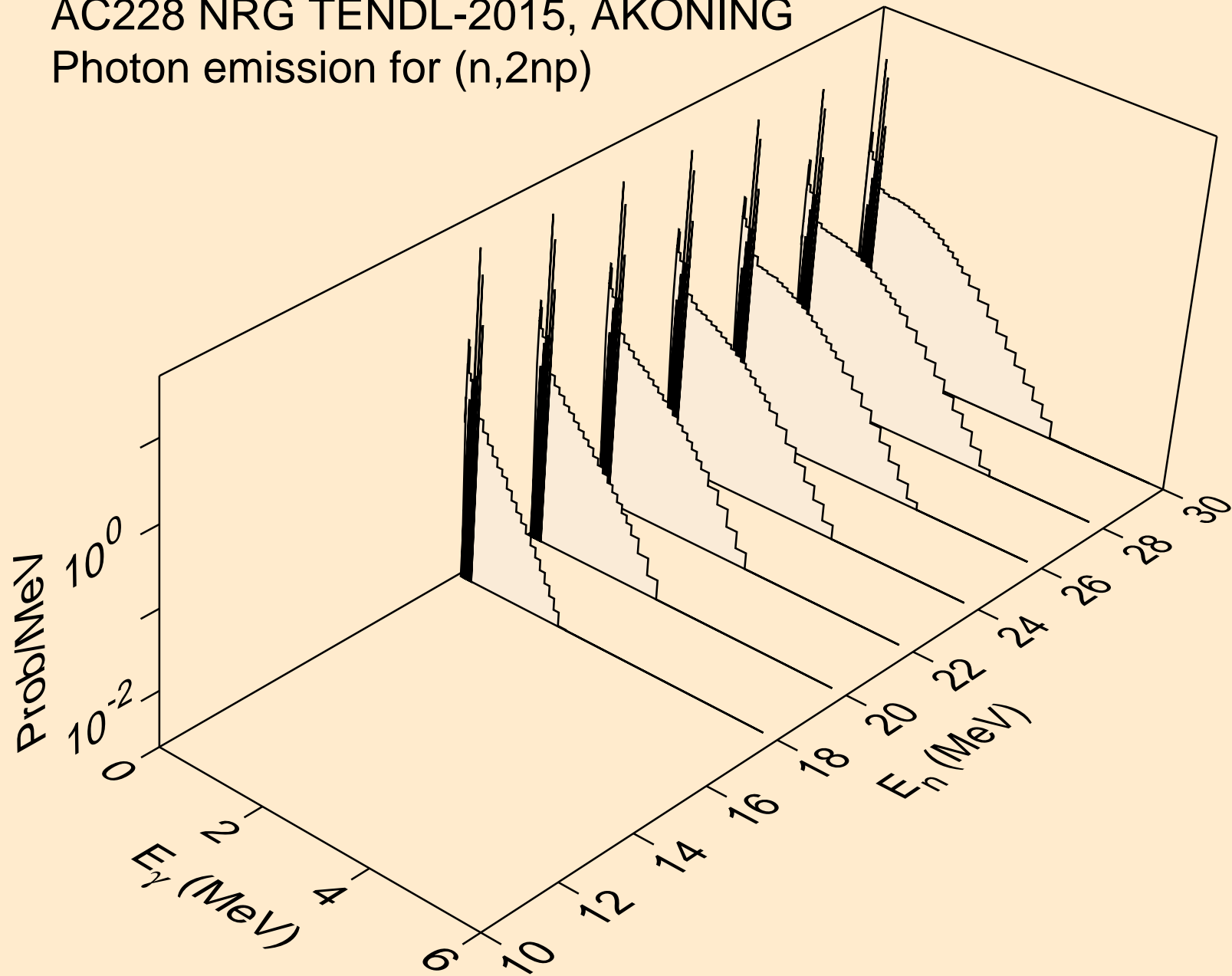
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



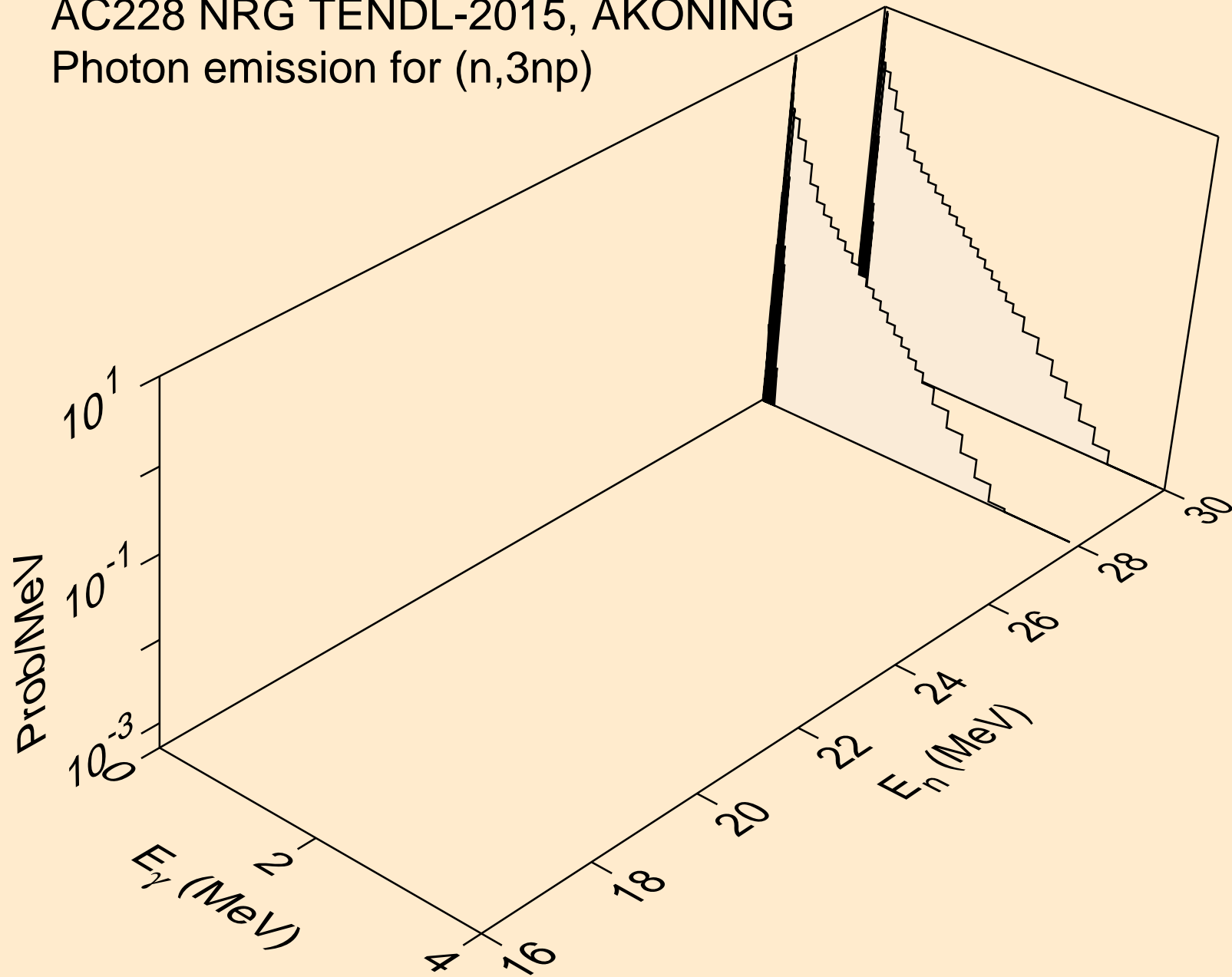
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



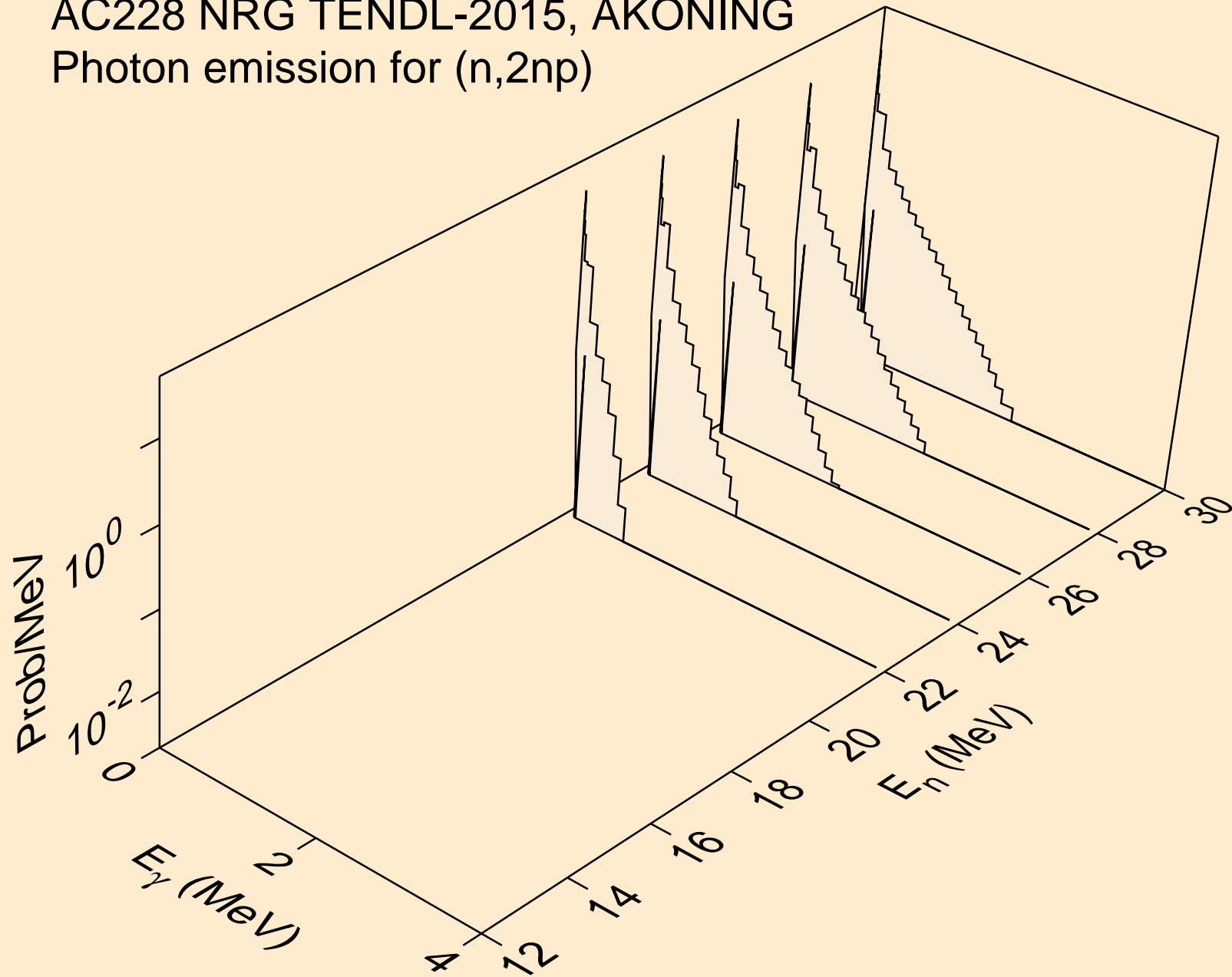
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



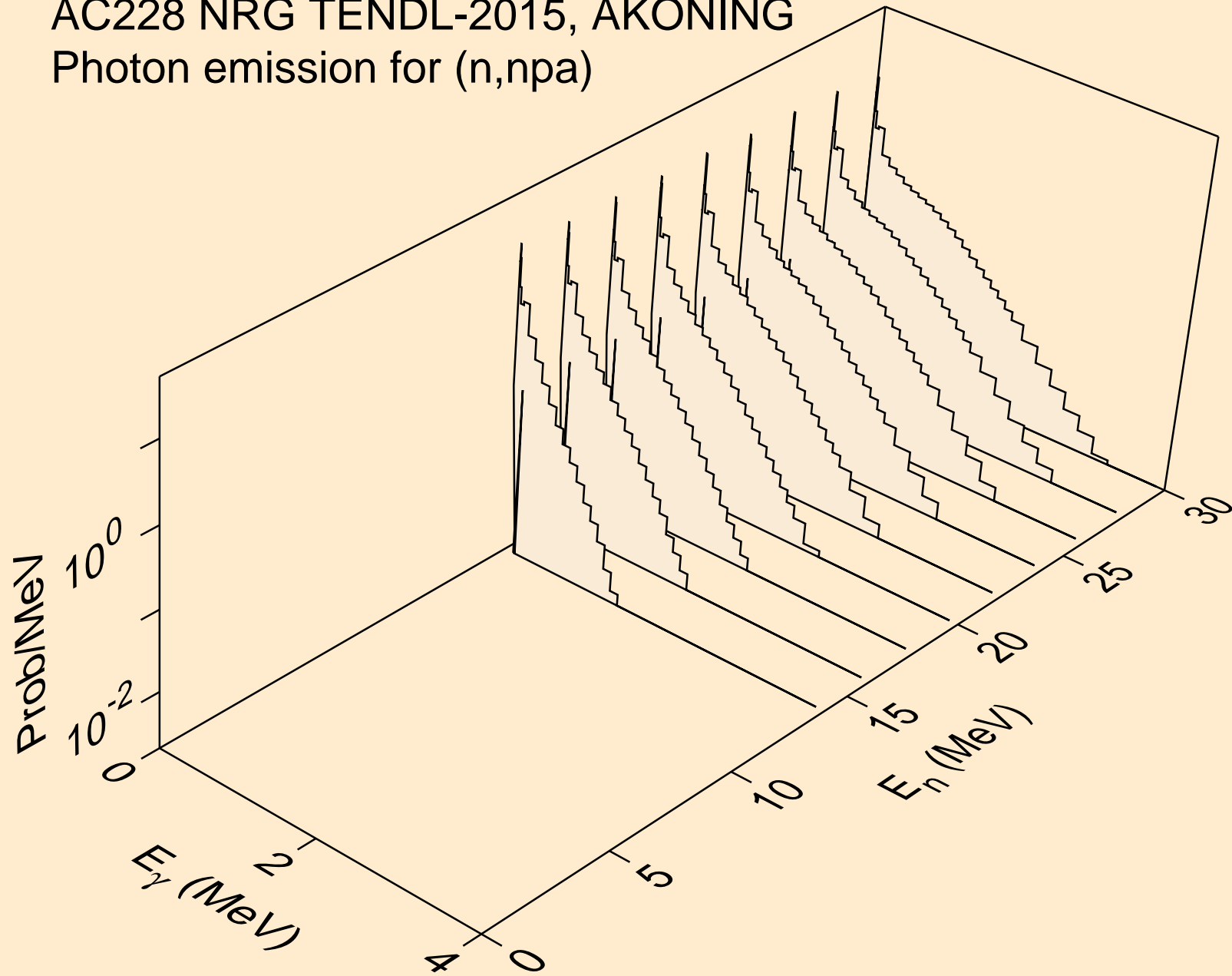
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

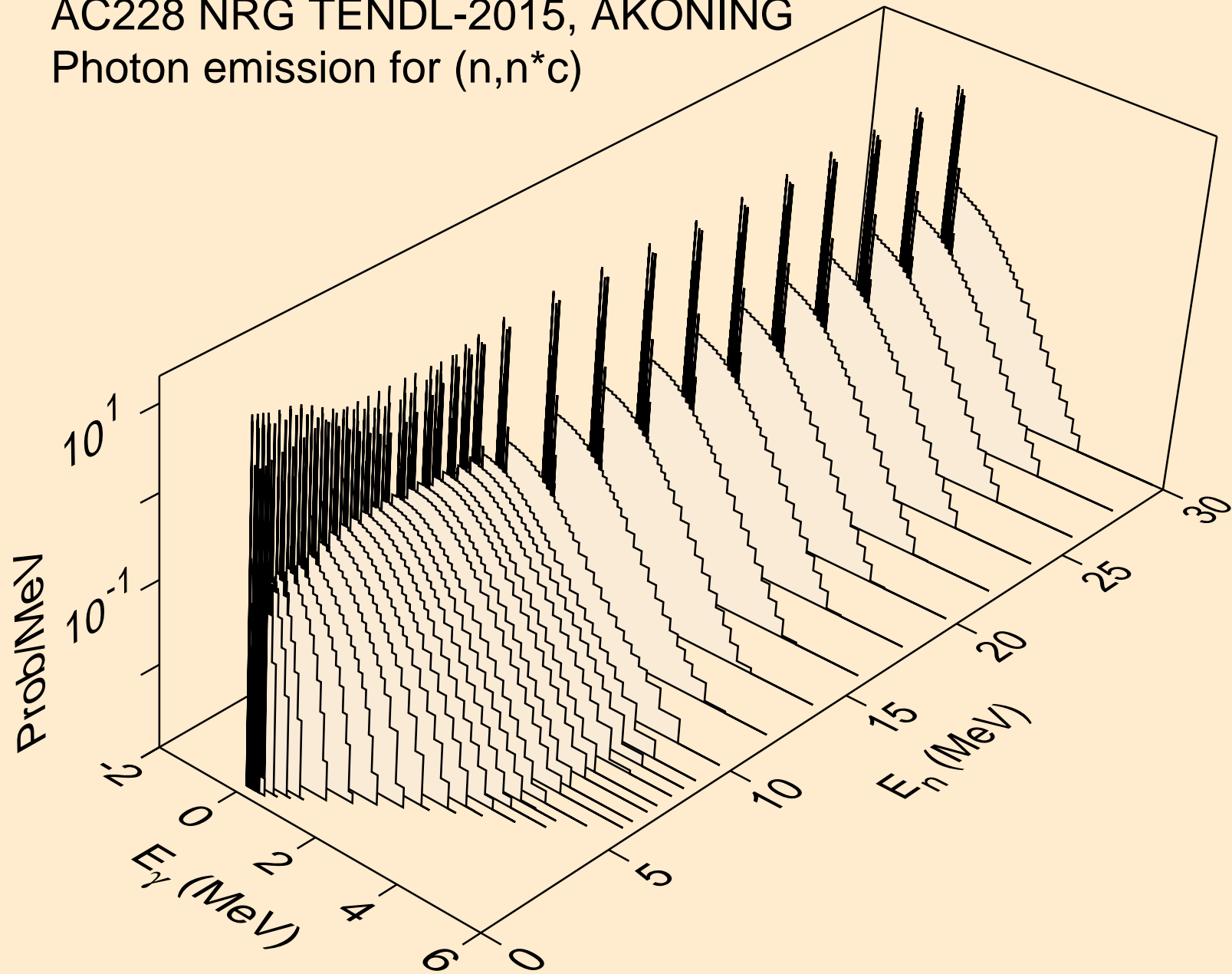


AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

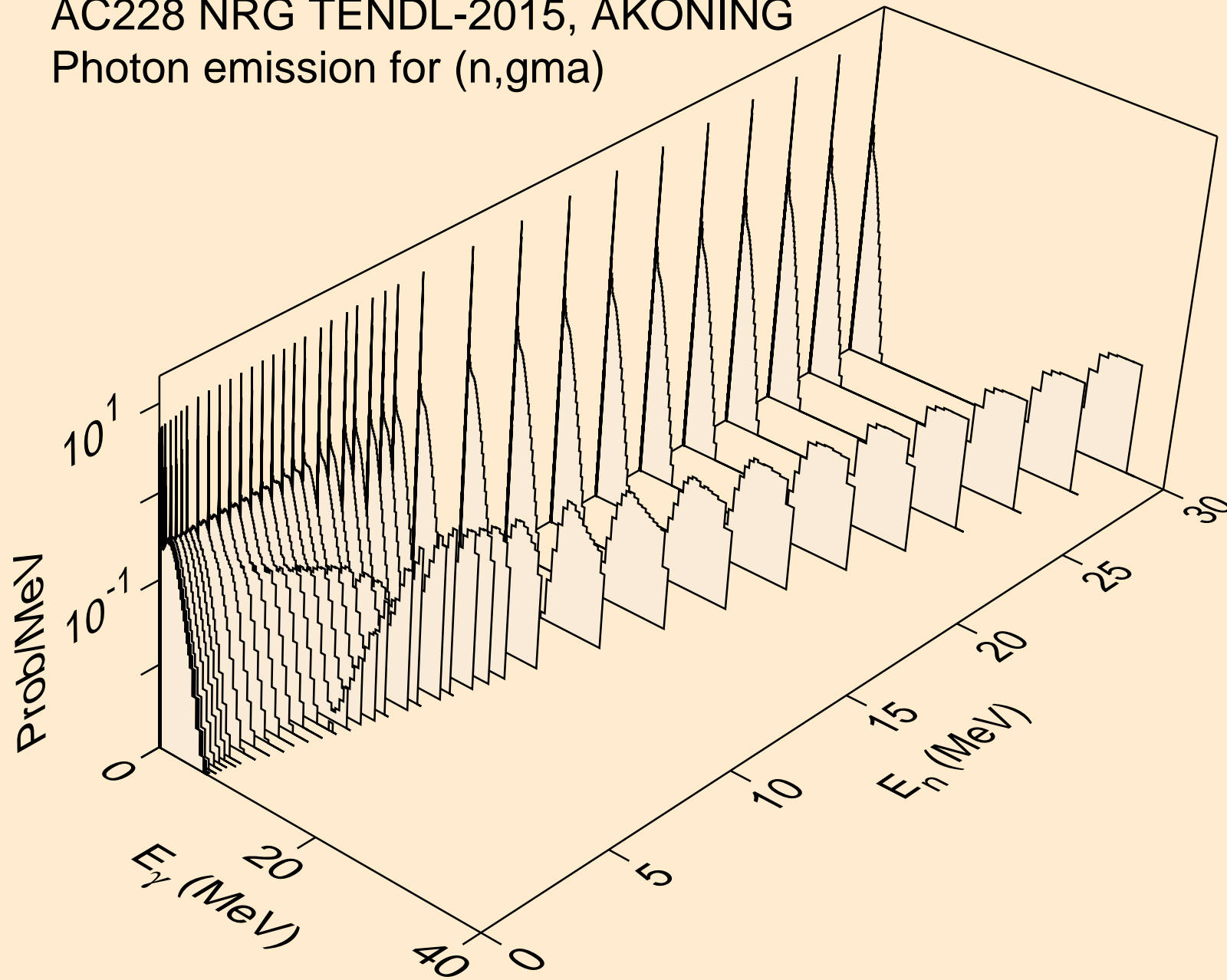




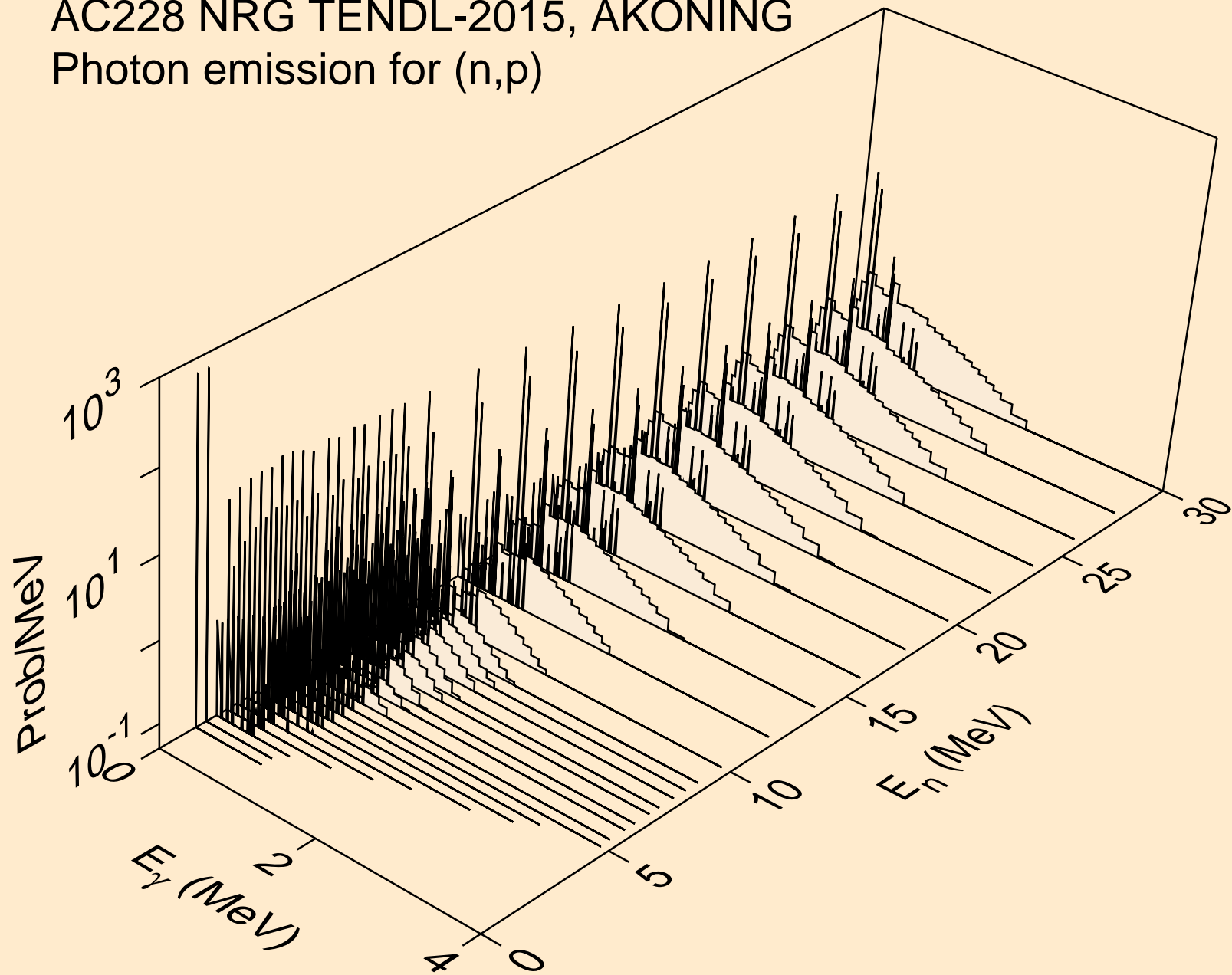
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



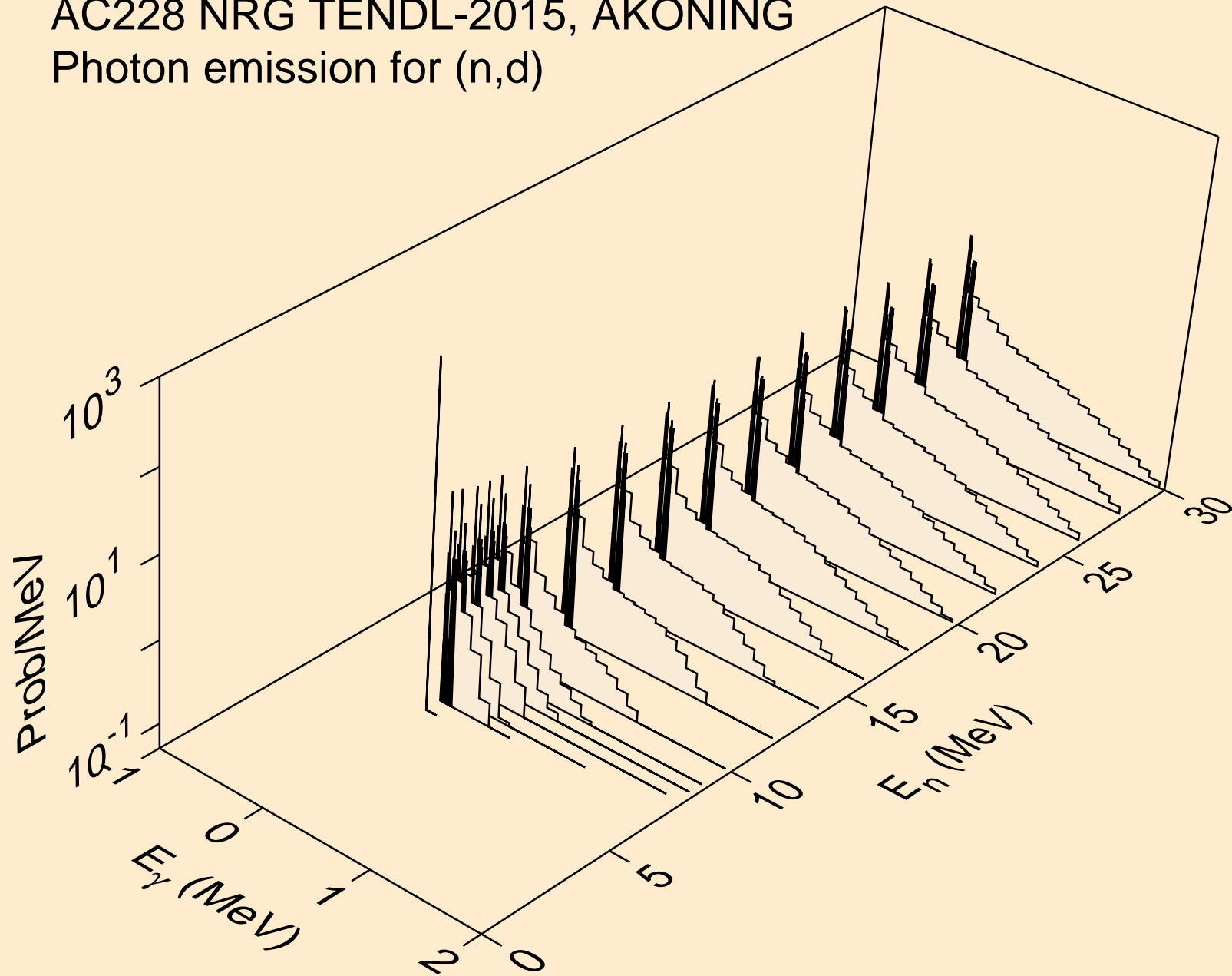
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



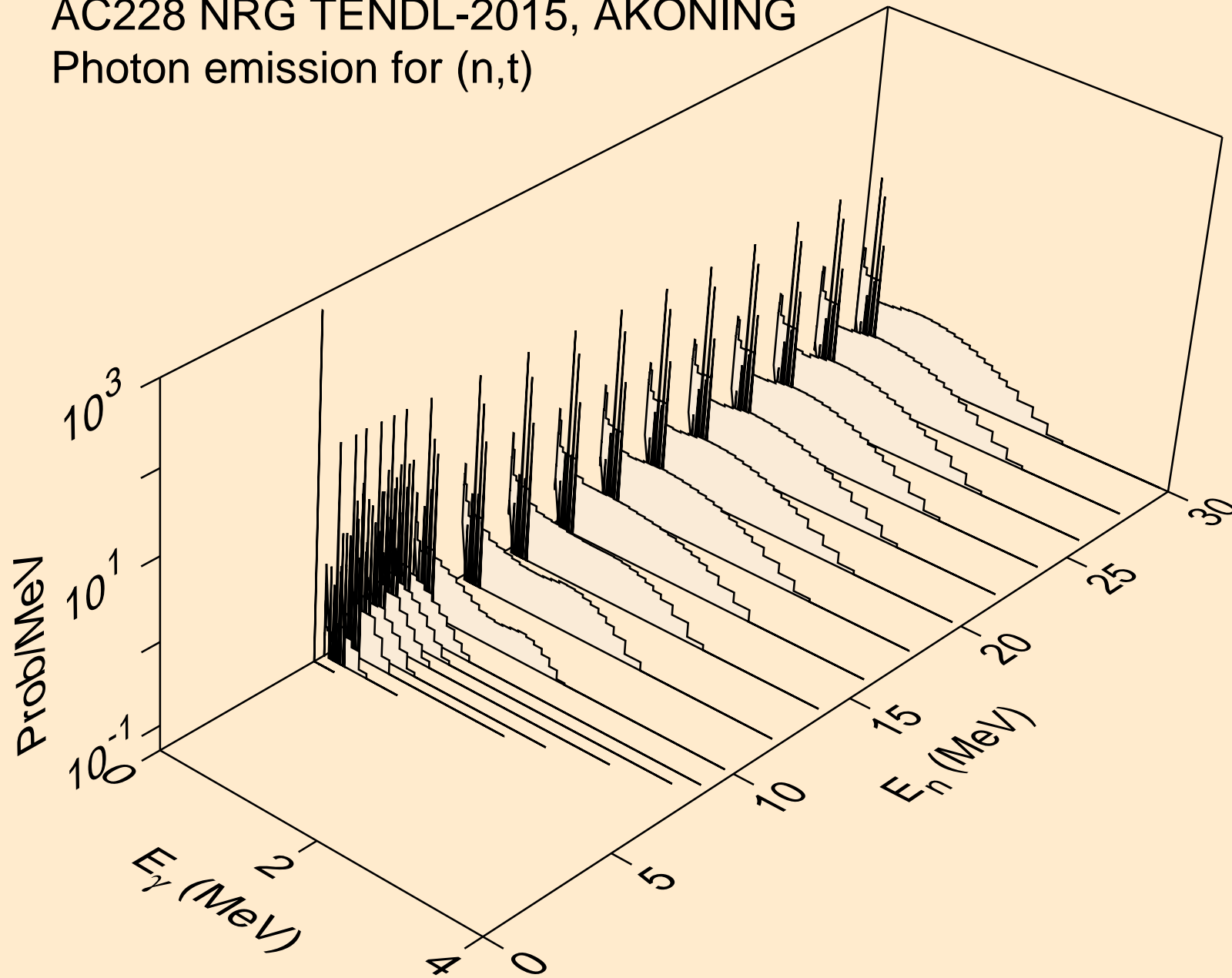
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



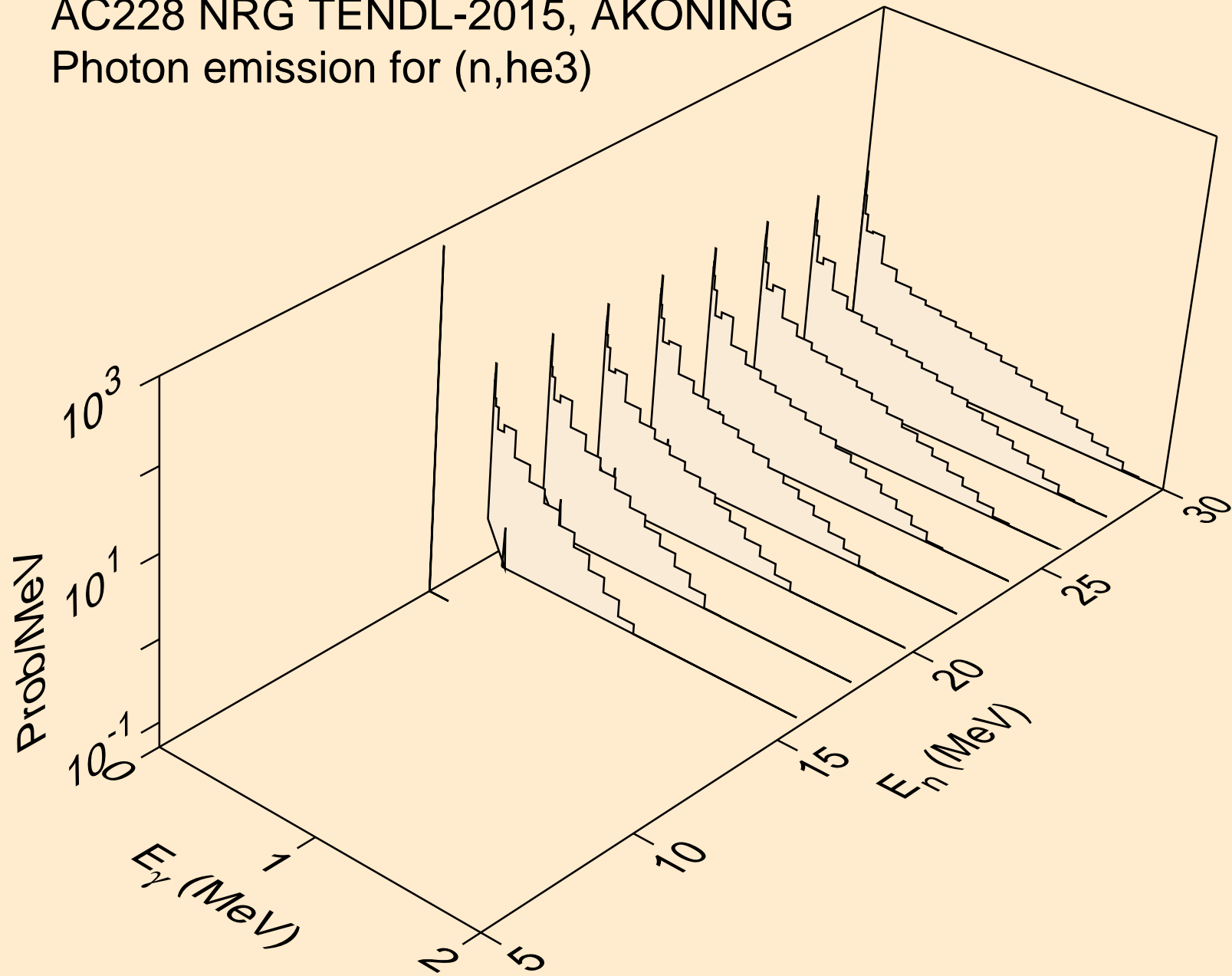
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



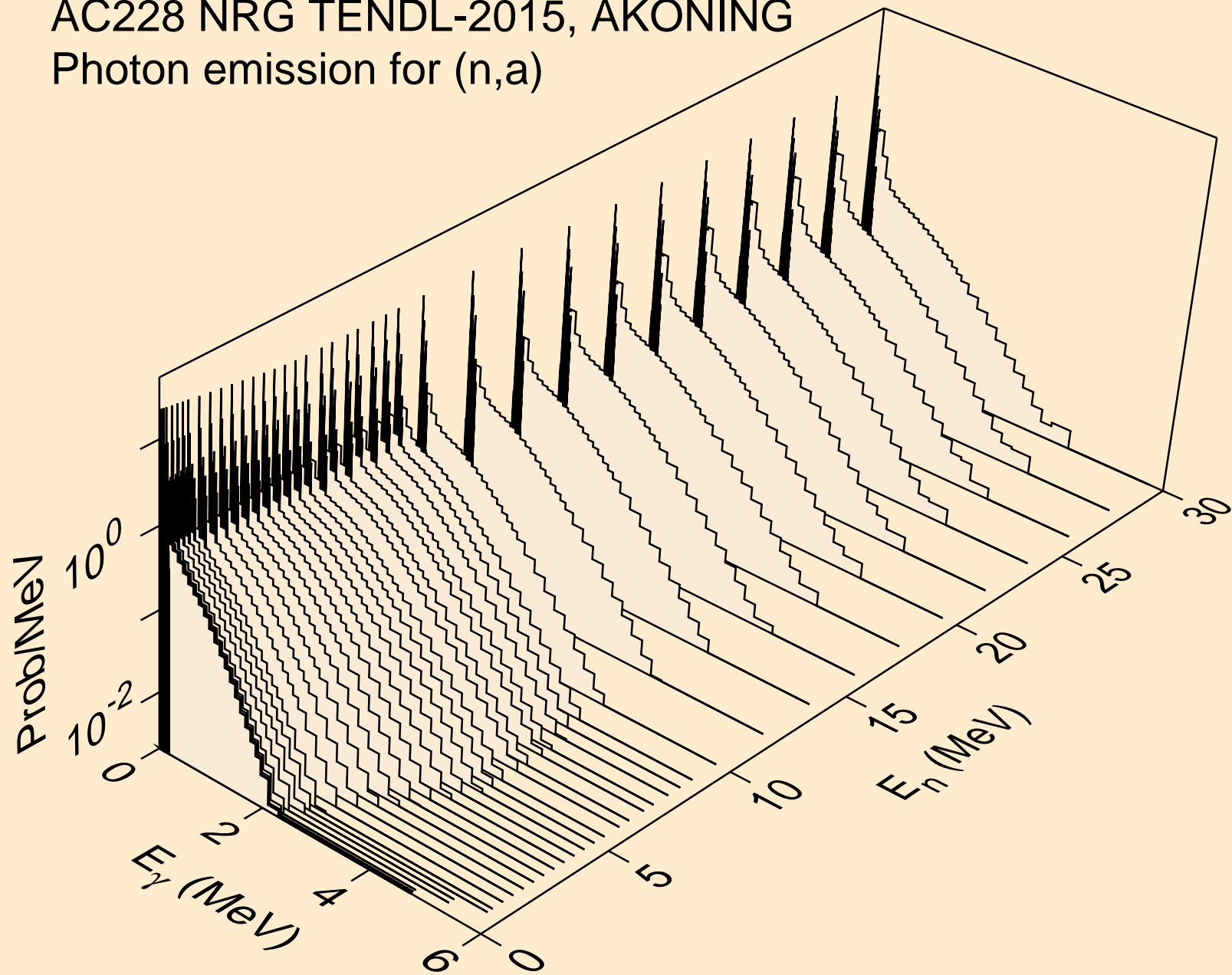
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



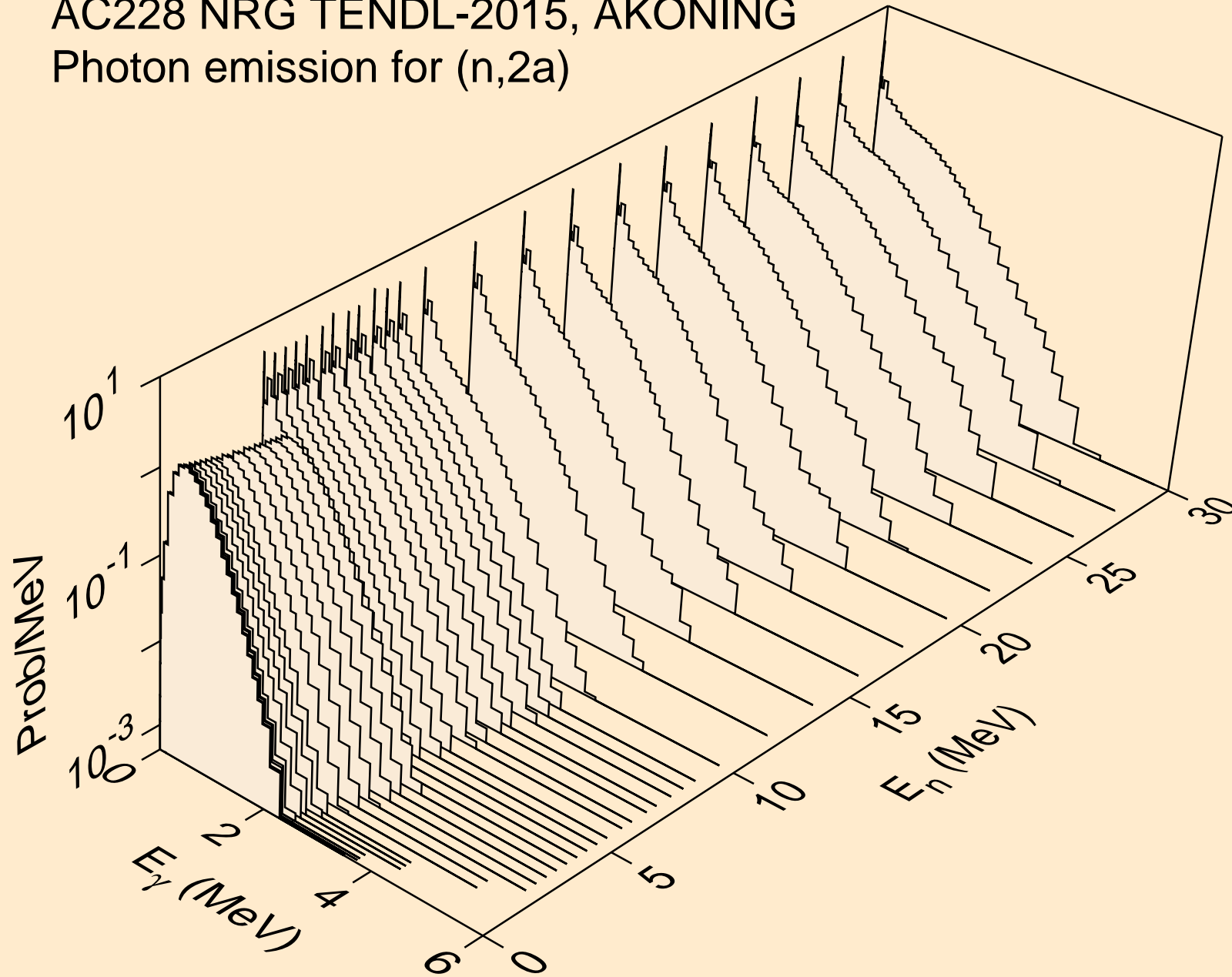
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

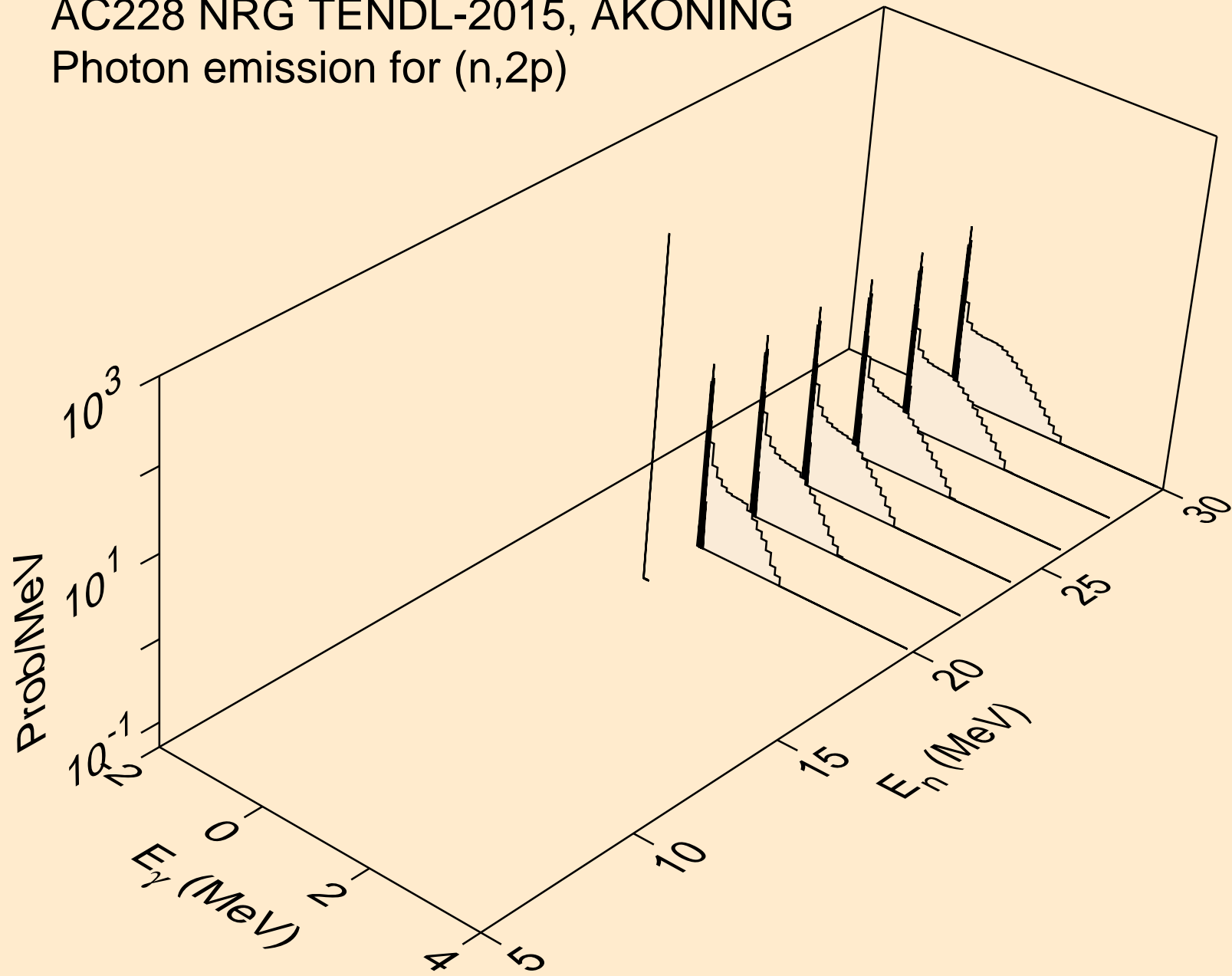


AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

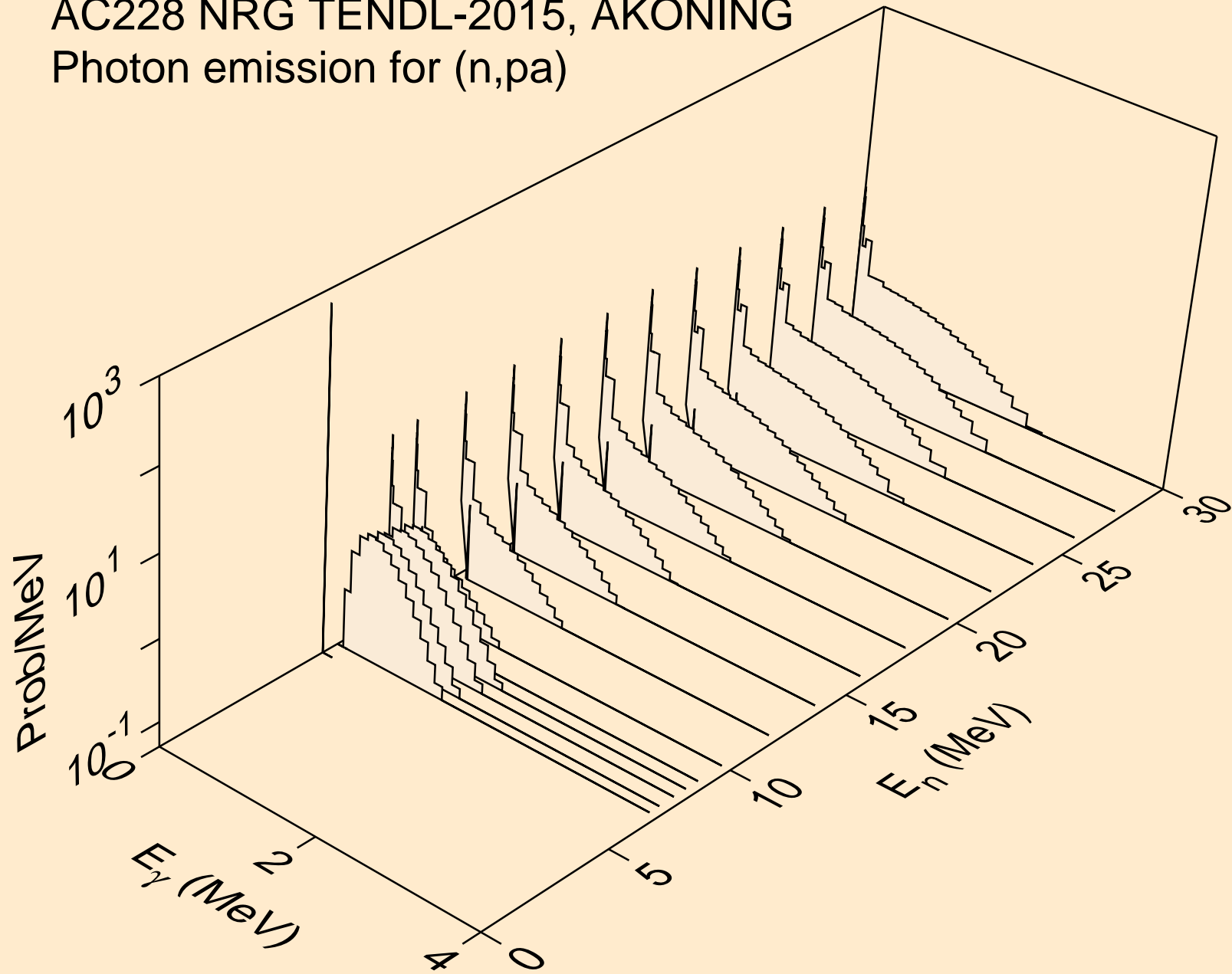




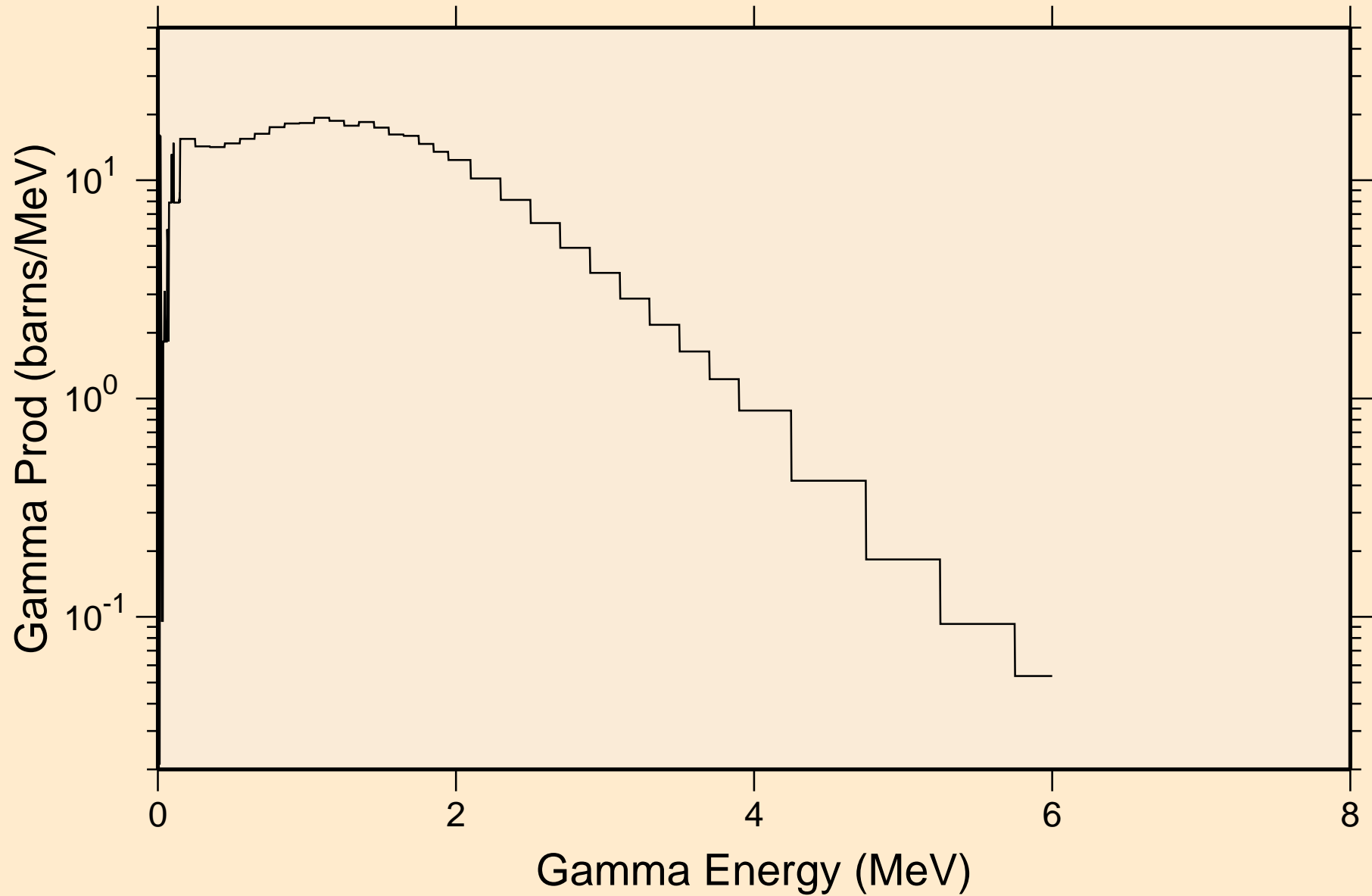
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



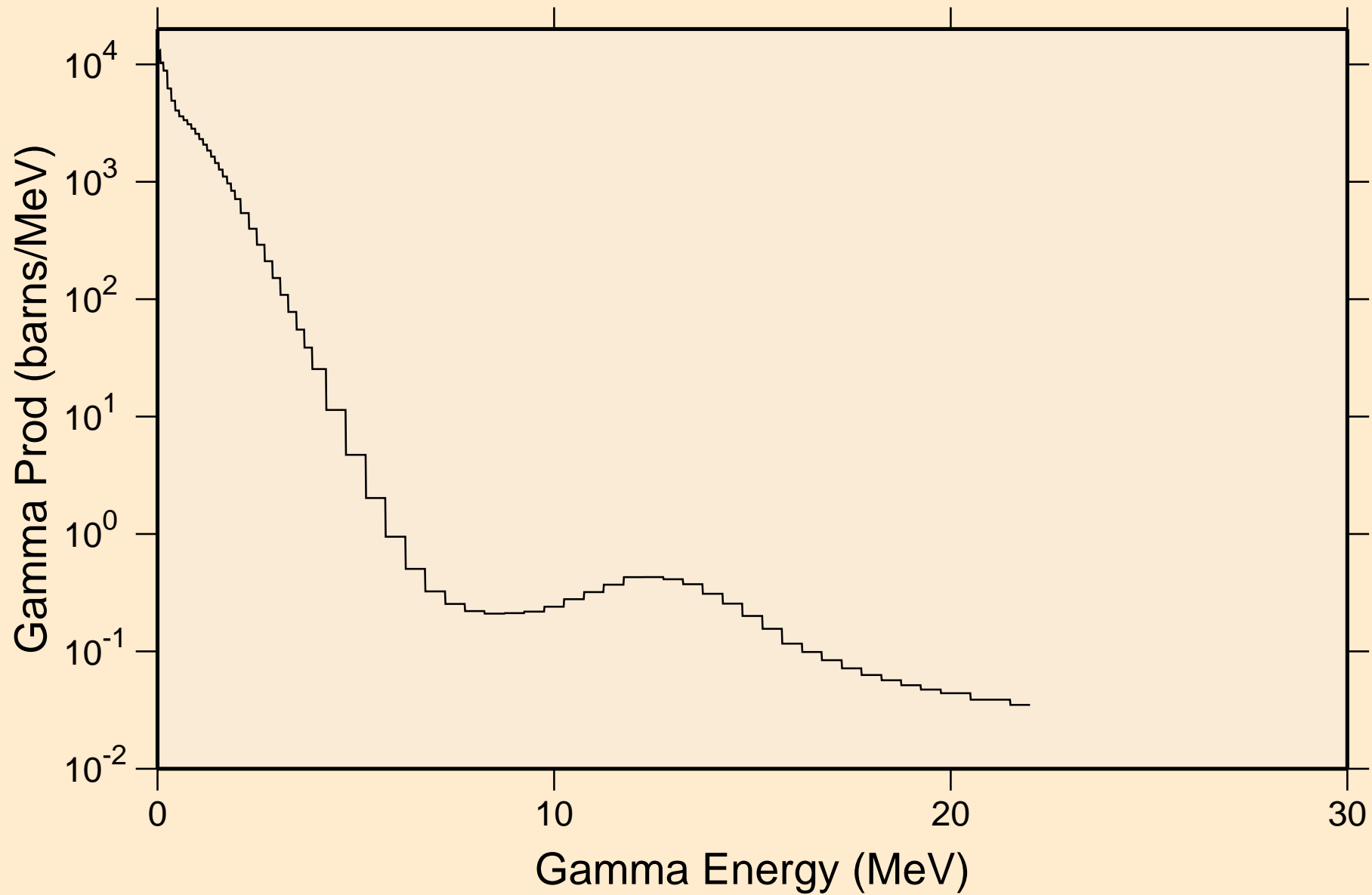
AC228 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



AC228 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

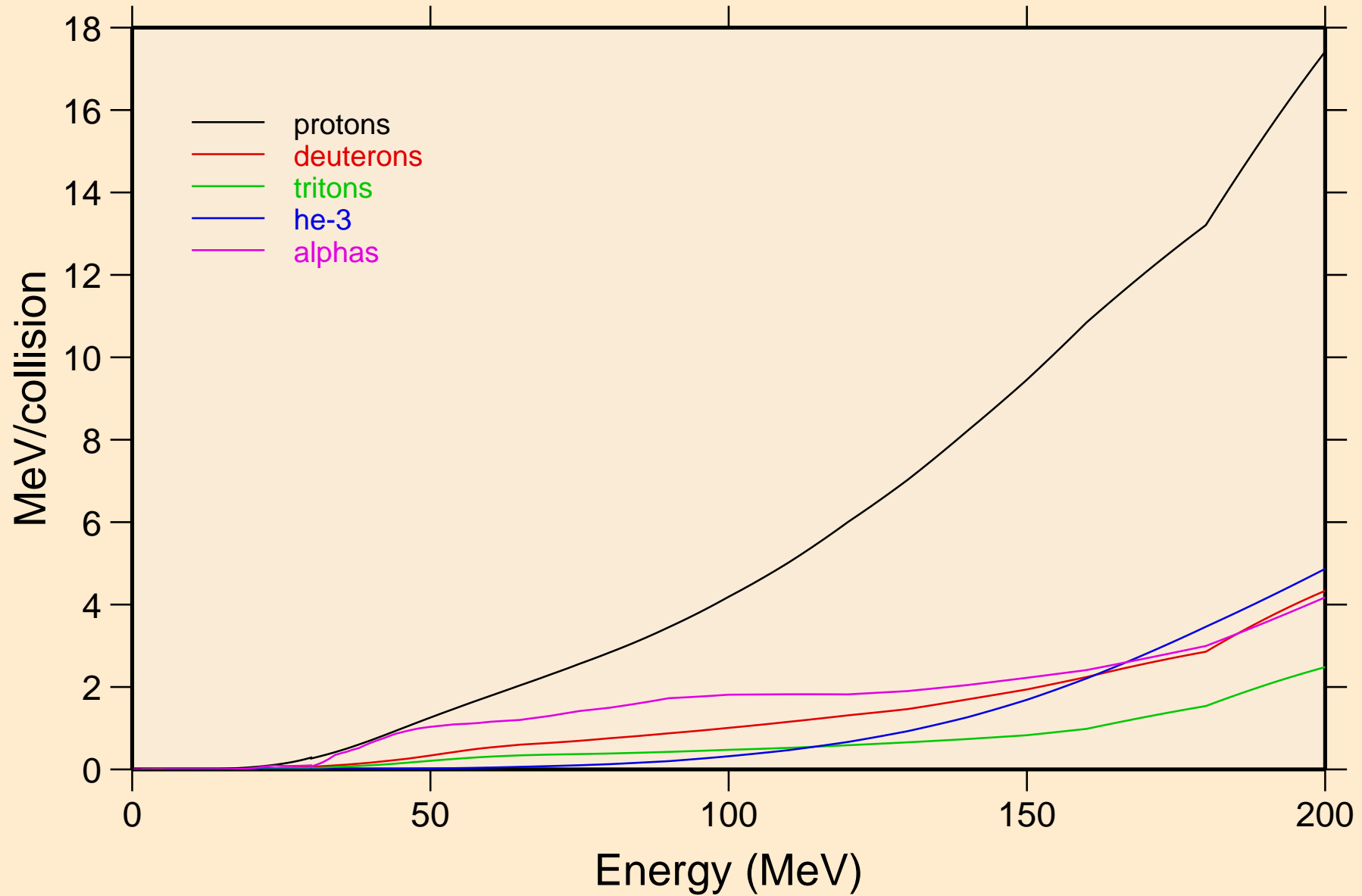


AC228 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



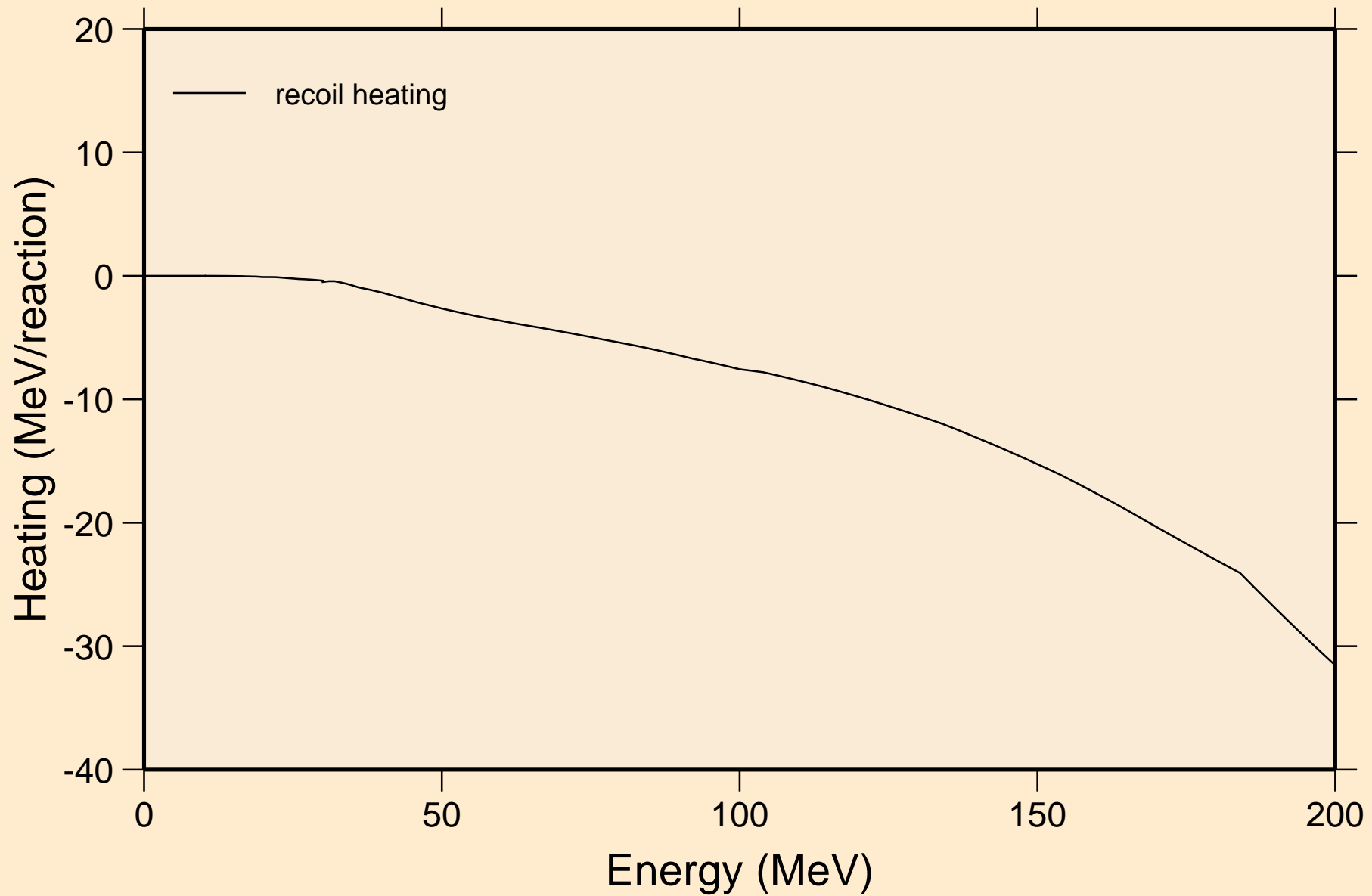
# AC228 NRG TENDL-2015, AKONING

## Particle heating contributions



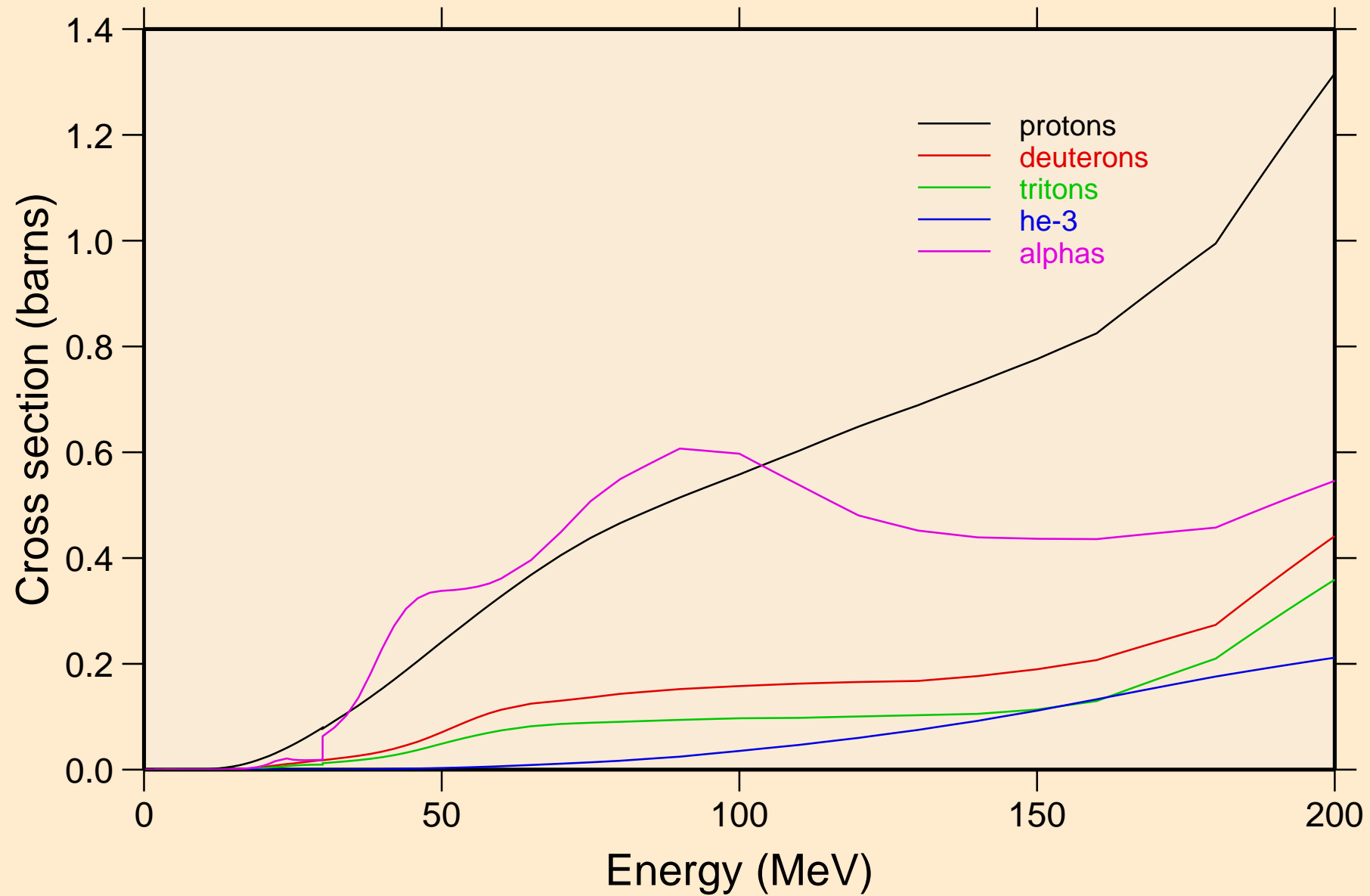
# AC228 NRG TENDL-2015, AKONING

## Recoil Heating

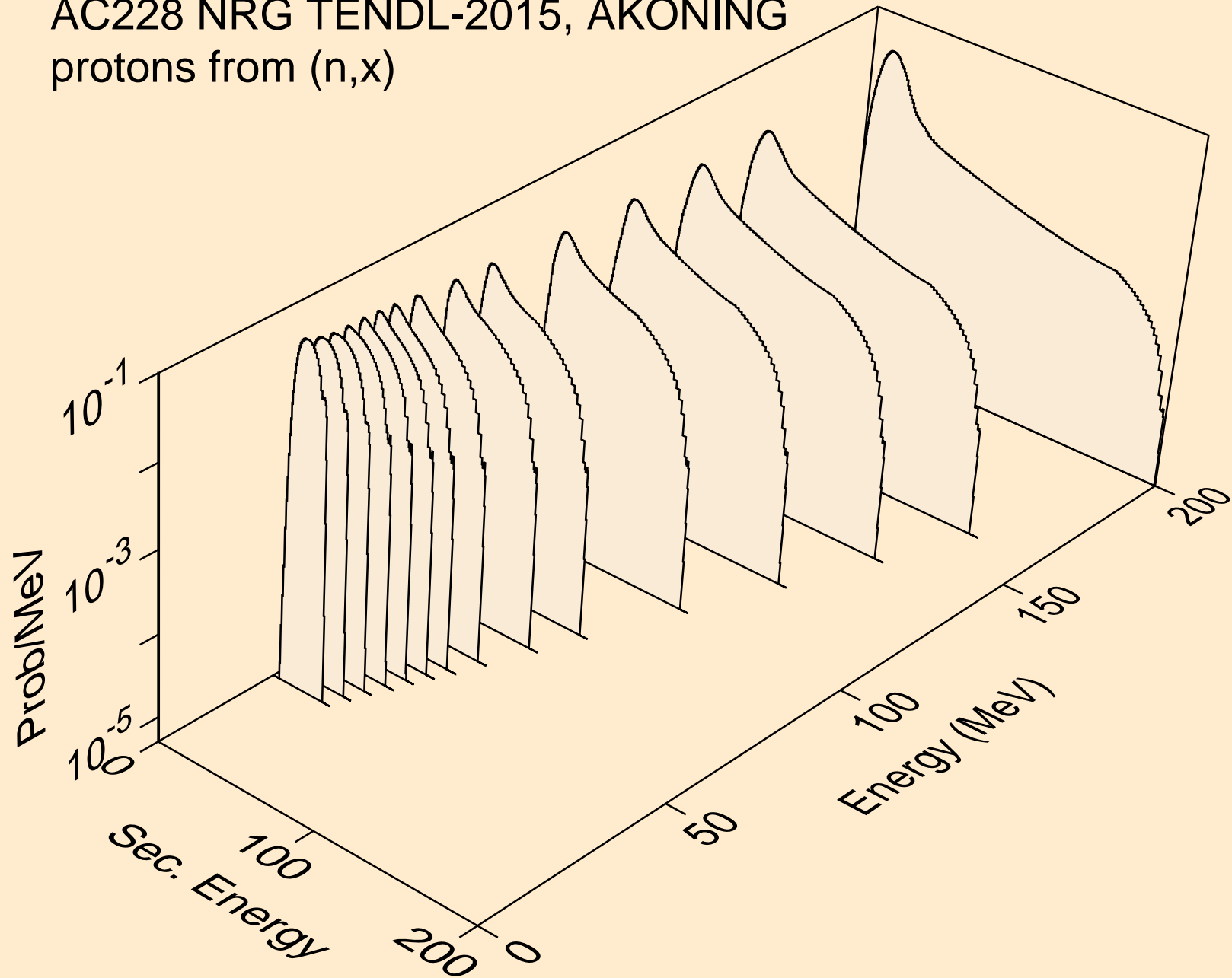


# AC228 NRG TENDL-2015, AKONING

## Particle production cross sections

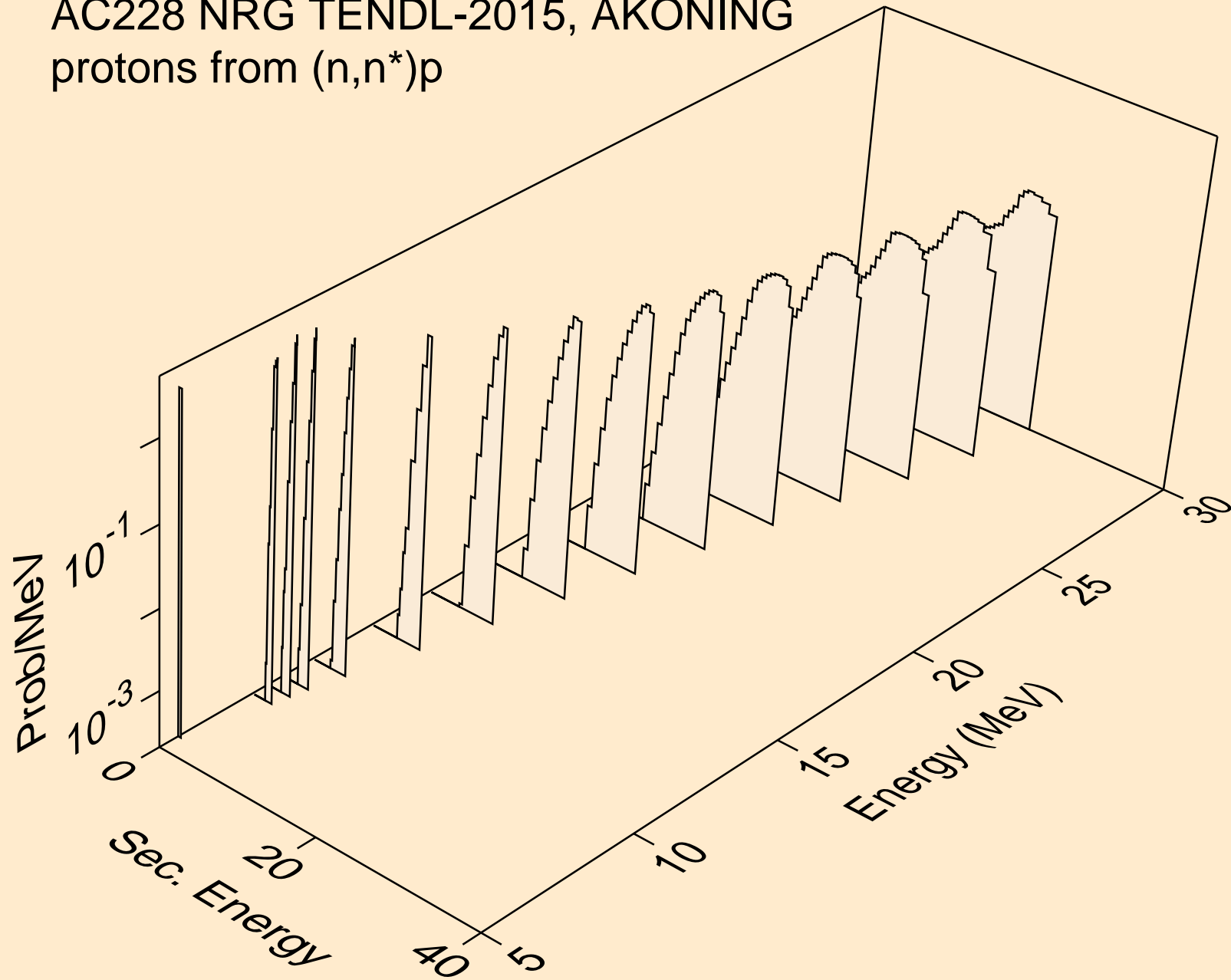


AC228 NRG TENDL-2015, AKONING  
protons from (n,x)

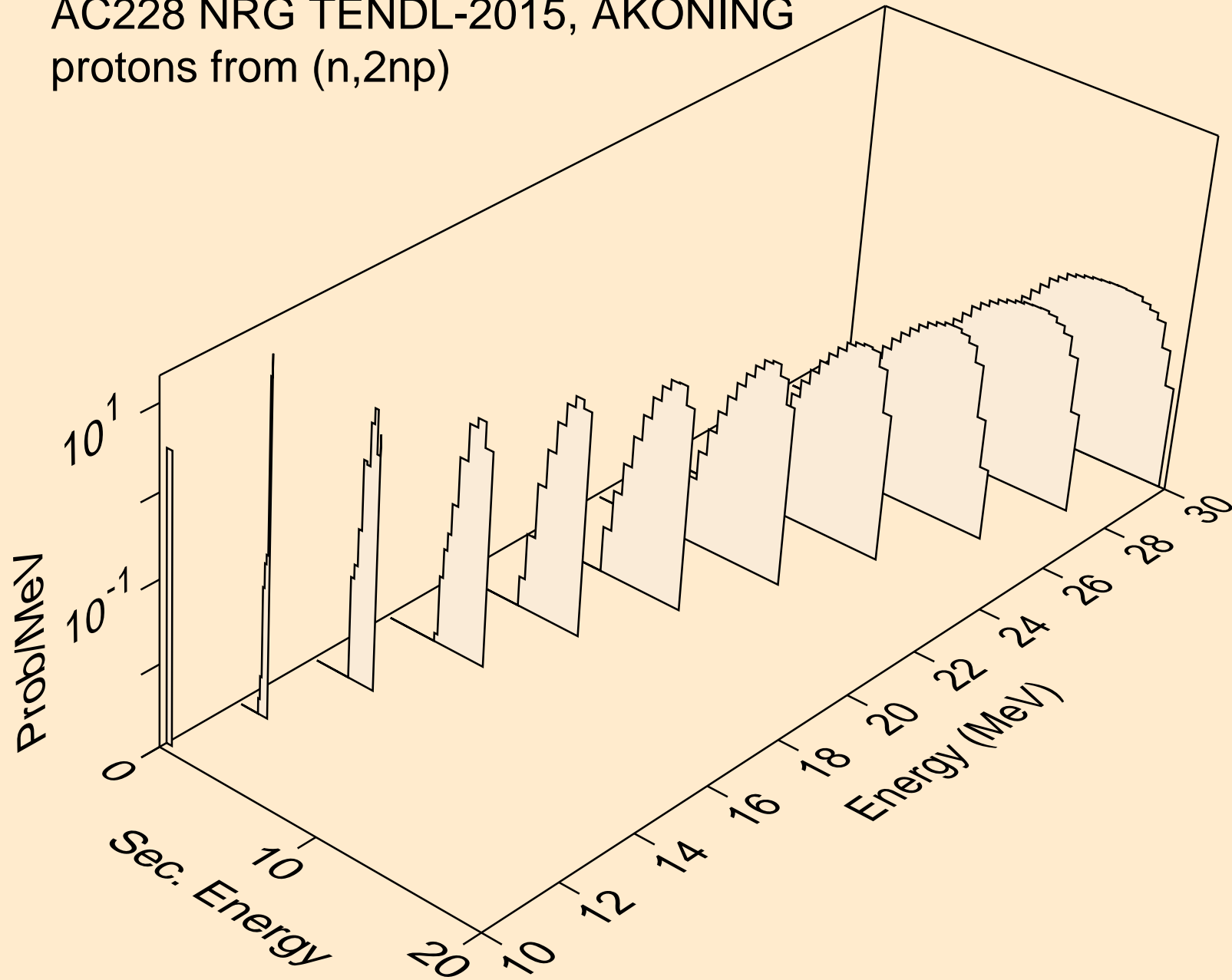




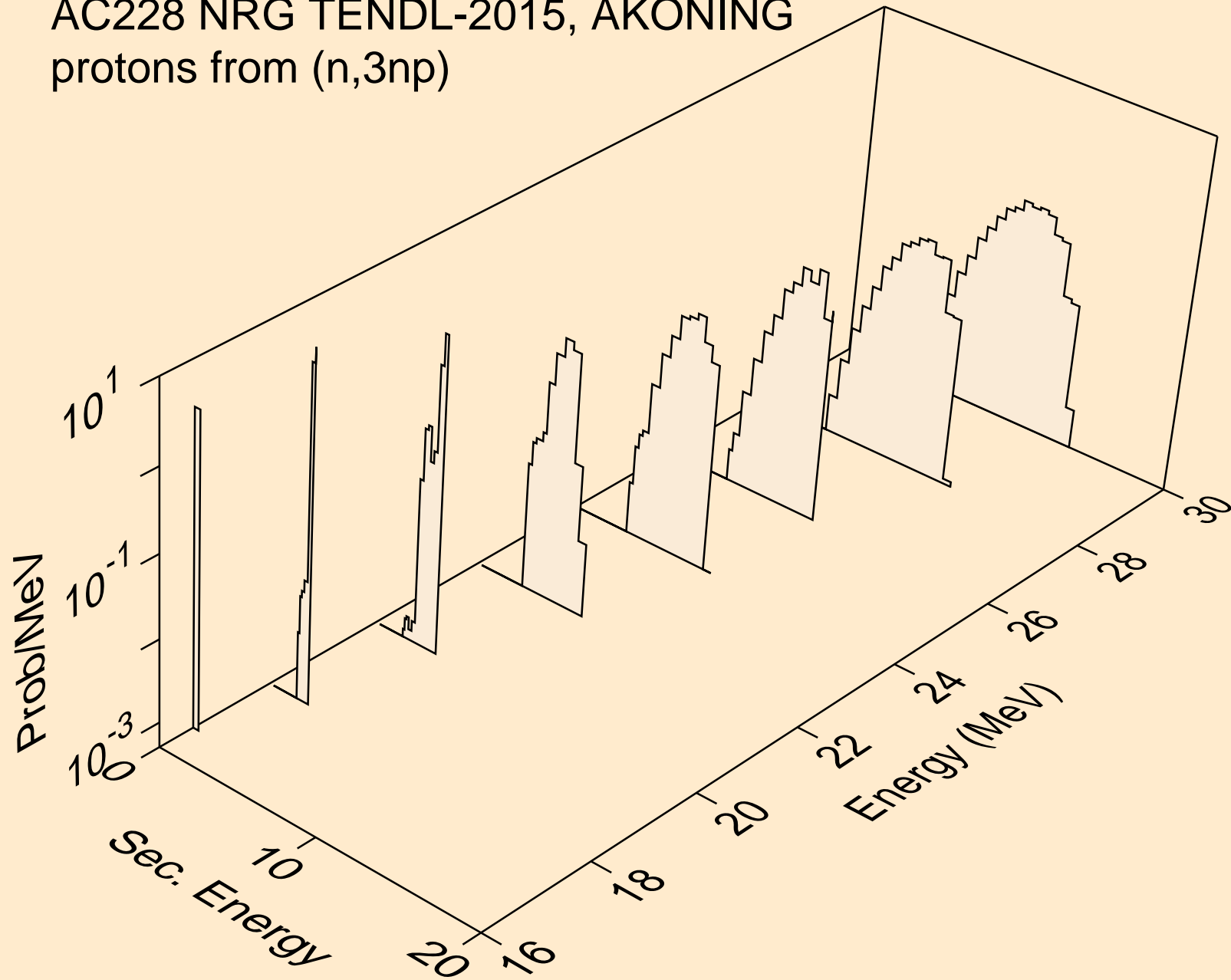
AC228 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



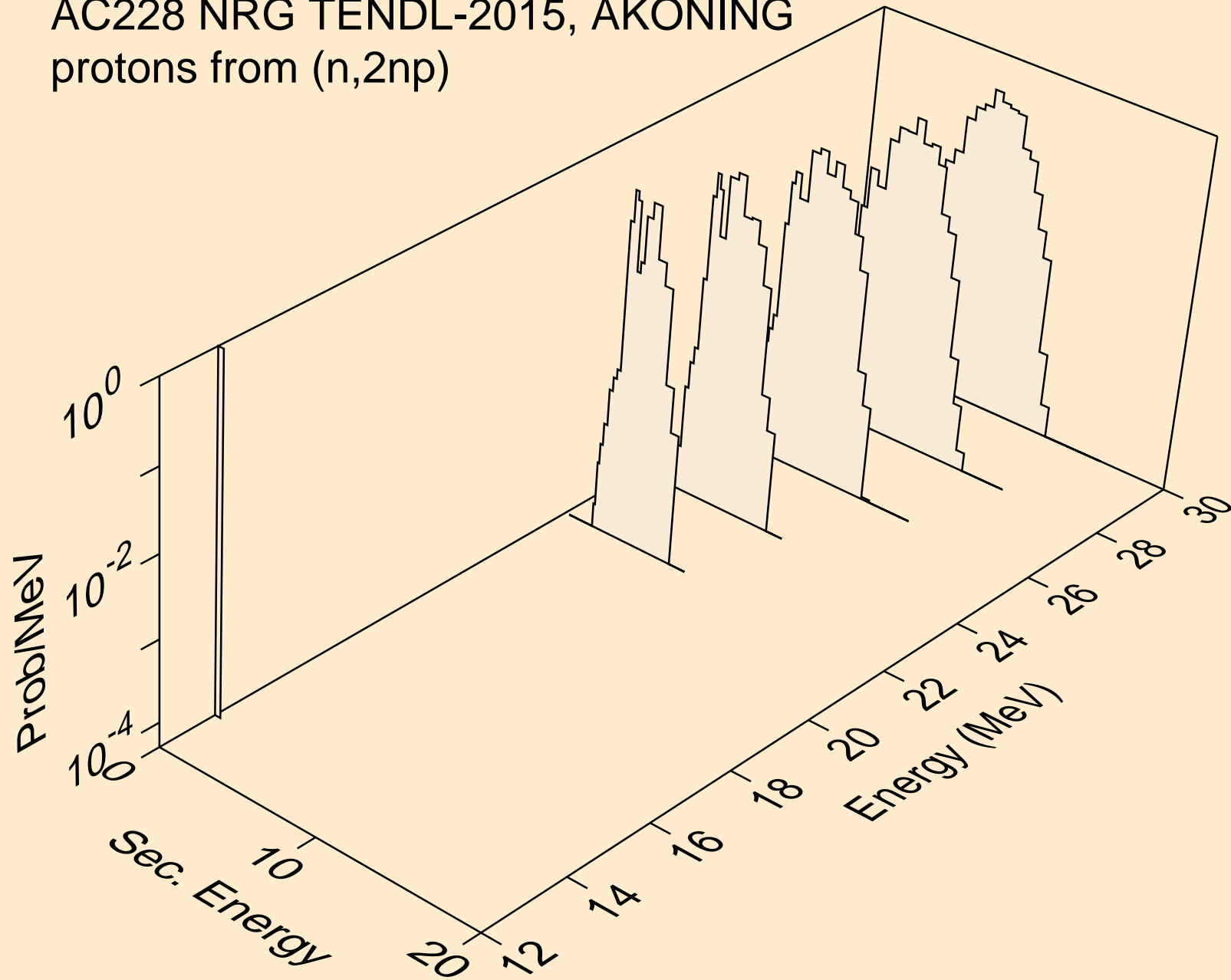
AC228 NRG TENDL-2015, AKONING  
protons from (n,2np)



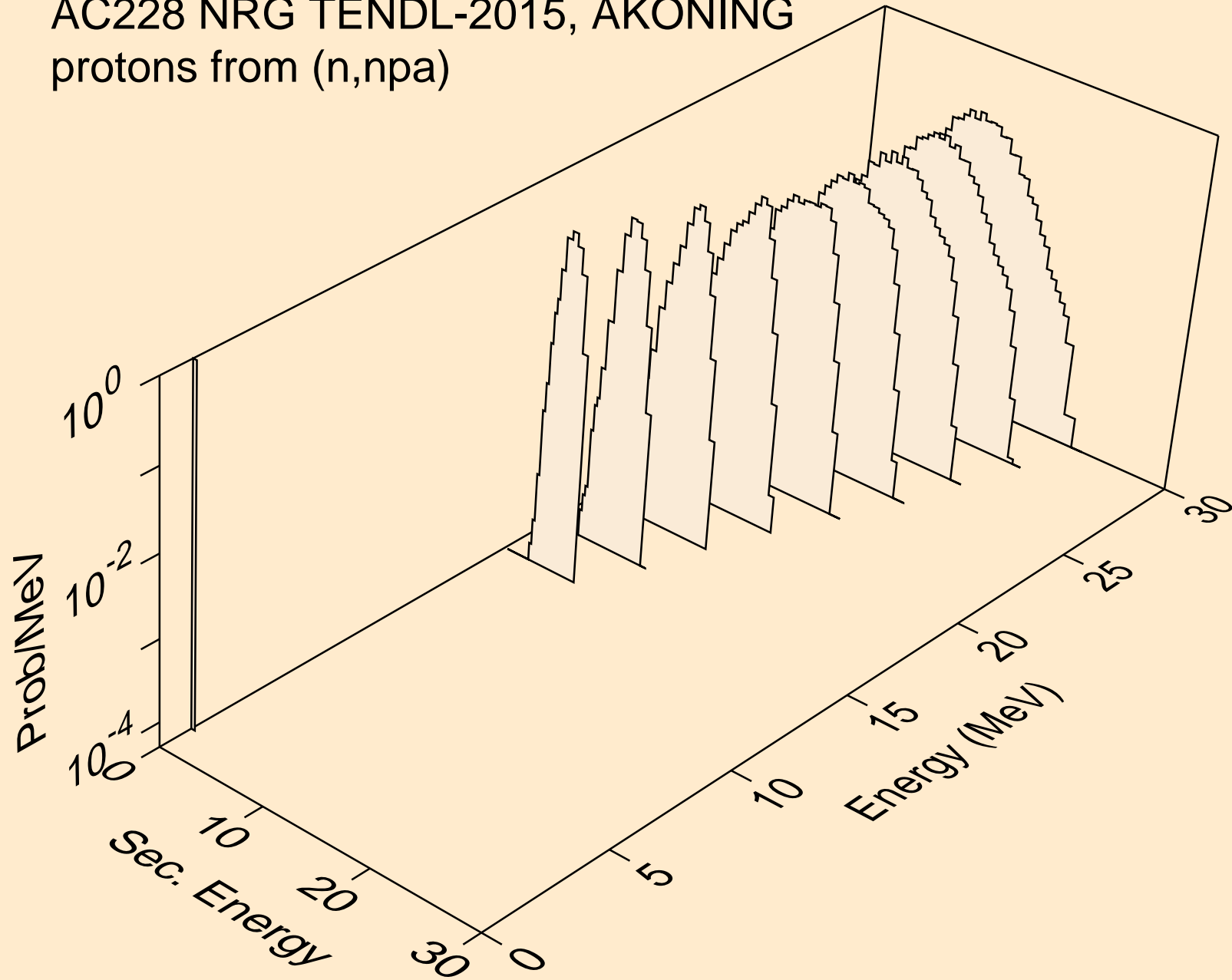
AC228 NRG TENDL-2015, AKONING  
protons from (n,3np)



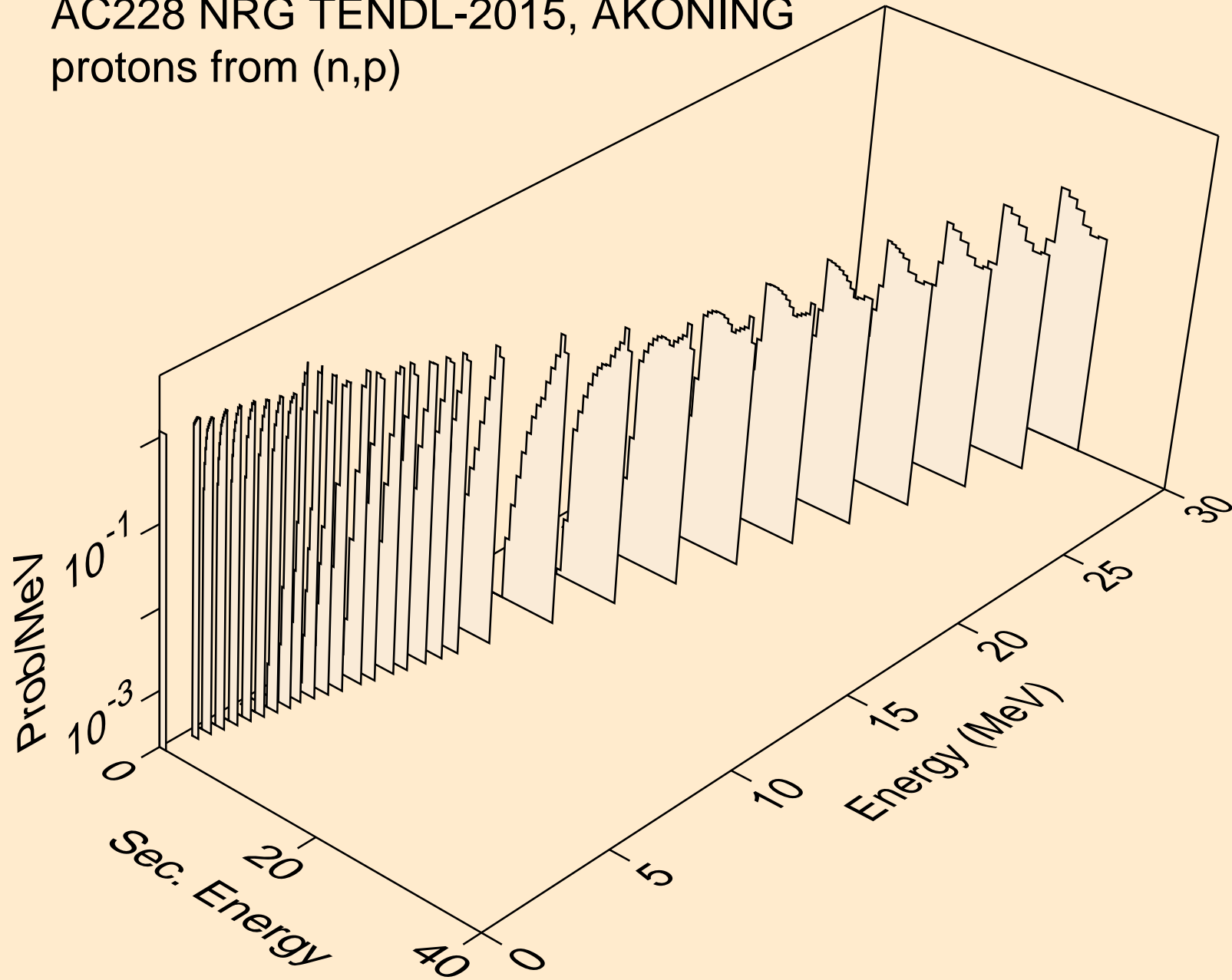
AC228 NRG TENDL-2015, AKONING  
protons from (n,2np)



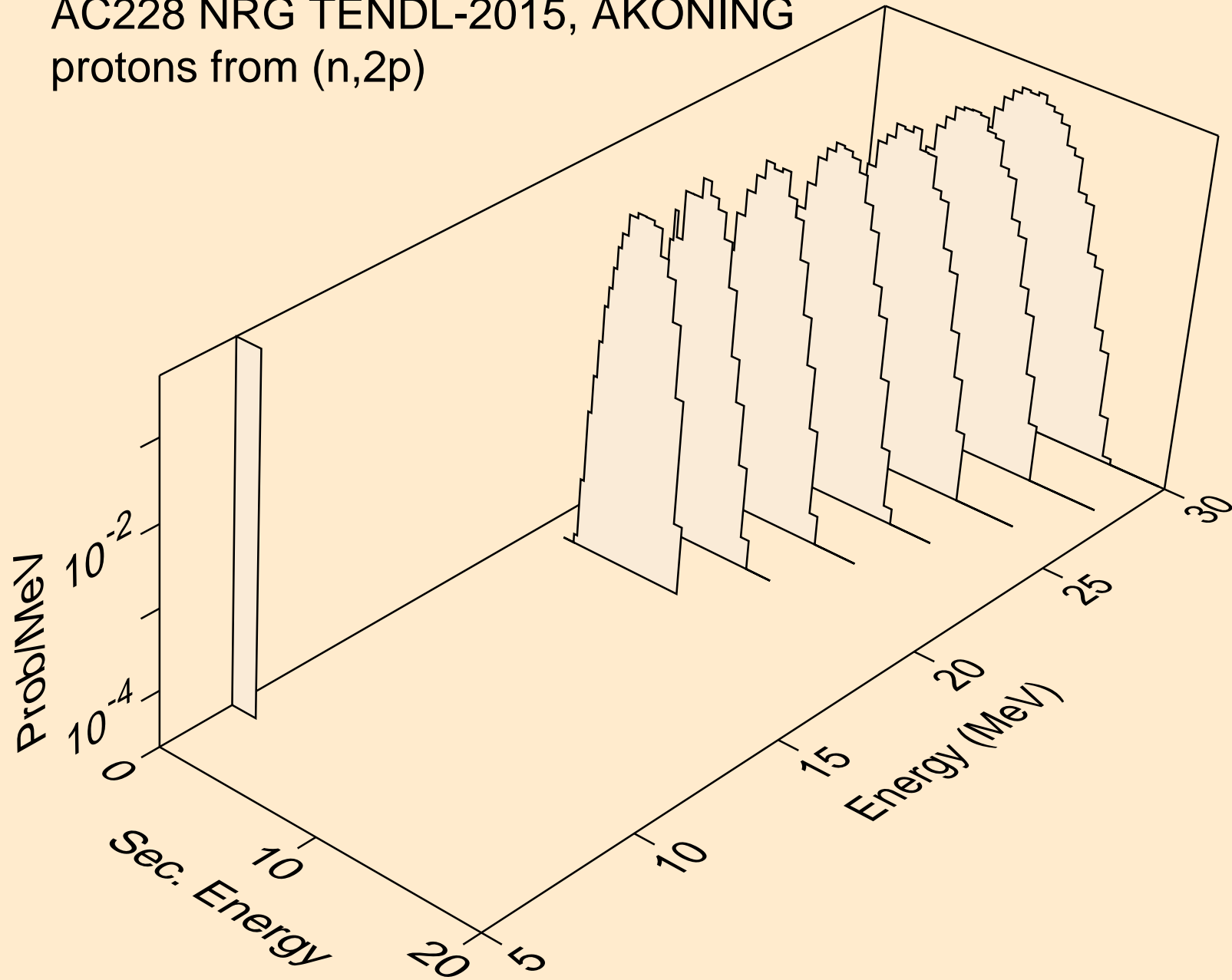
AC228 NRG TENDL-2015, AKONING  
protons from (n,npa)



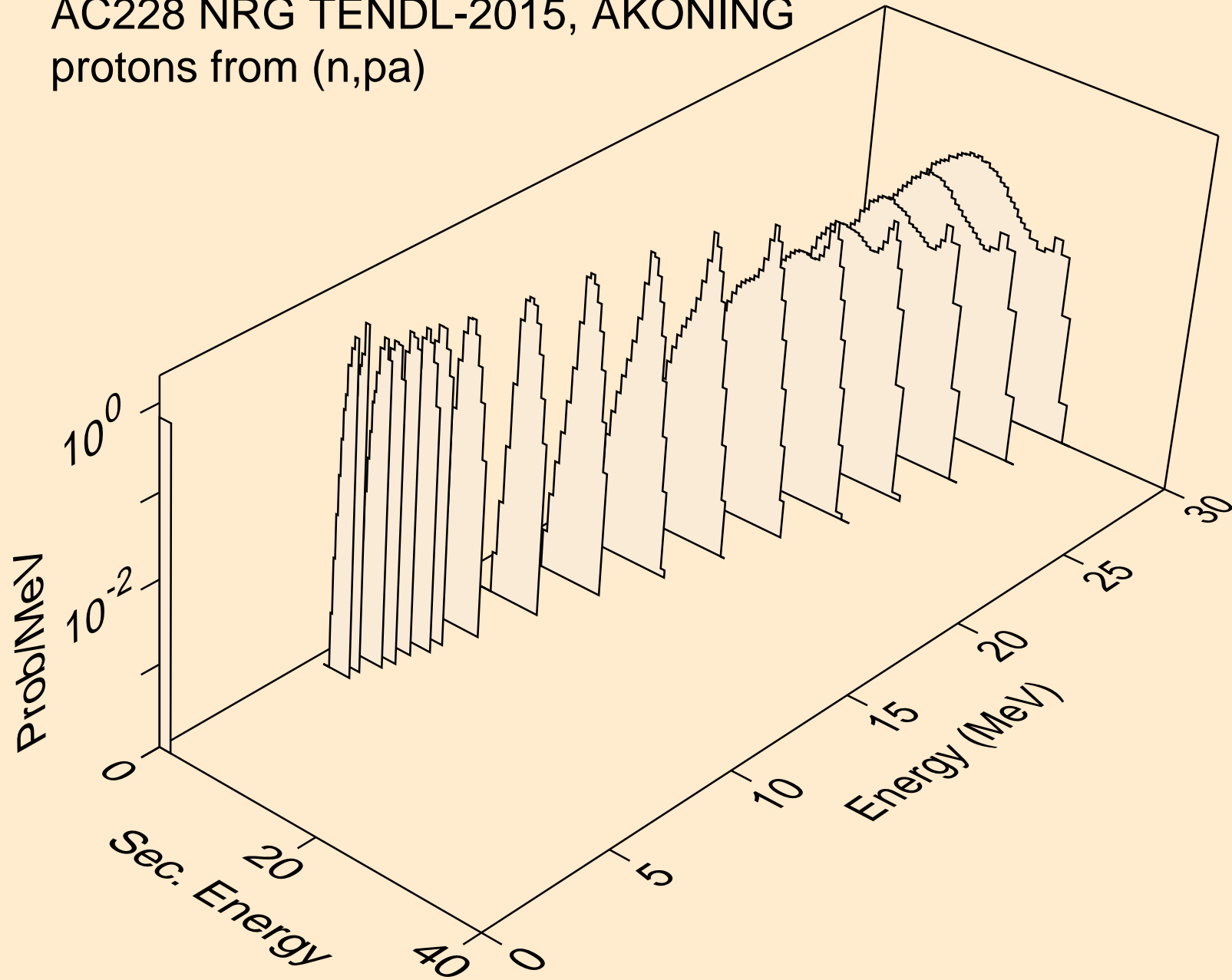
AC228 NRG TENDL-2015, AKONING  
protons from (n,p)



AC228 NRG TENDL-2015, AKONING  
protons from (n,2p)

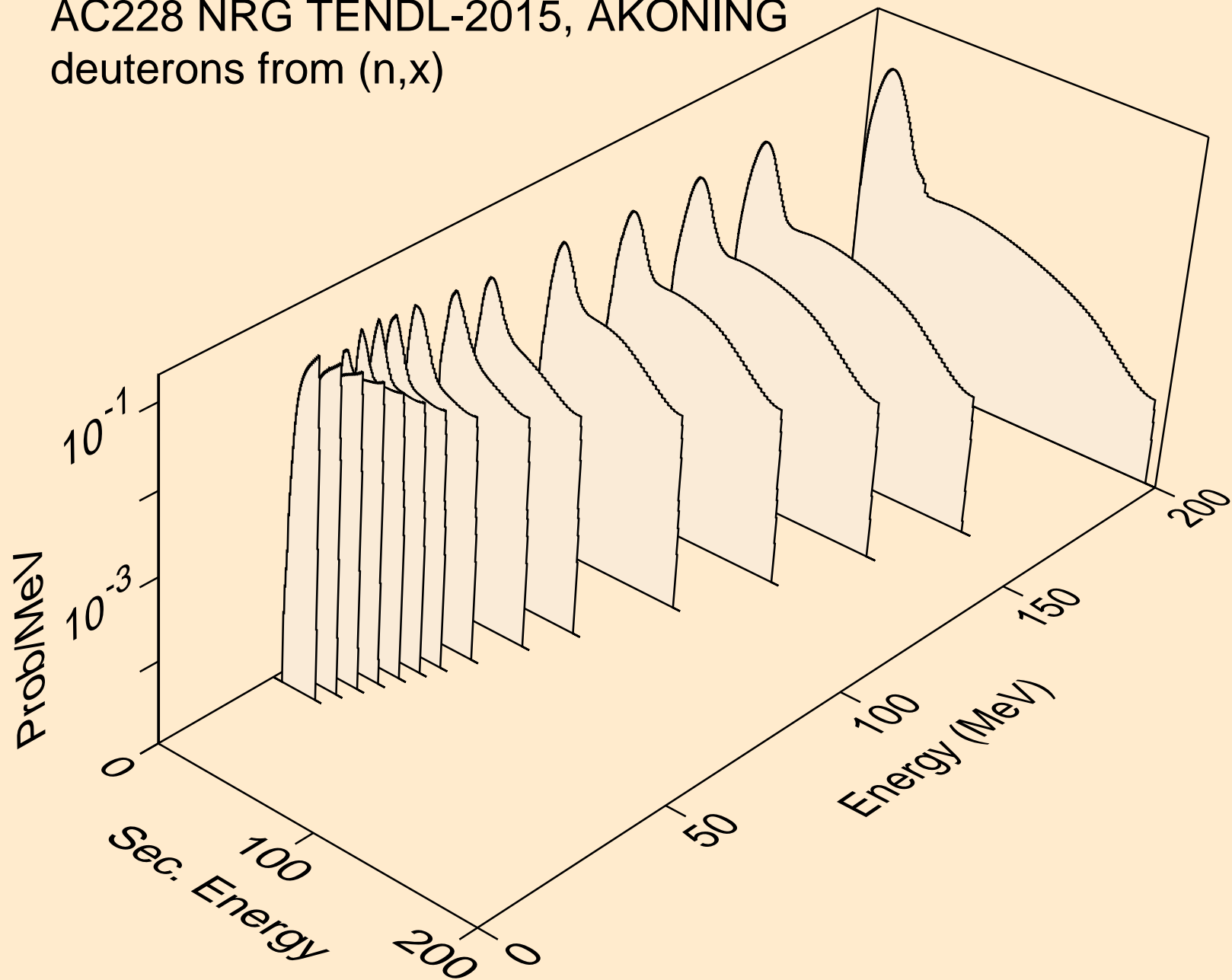


AC228 NRG TENDL-2015, AKONING  
protons from (n,pa)

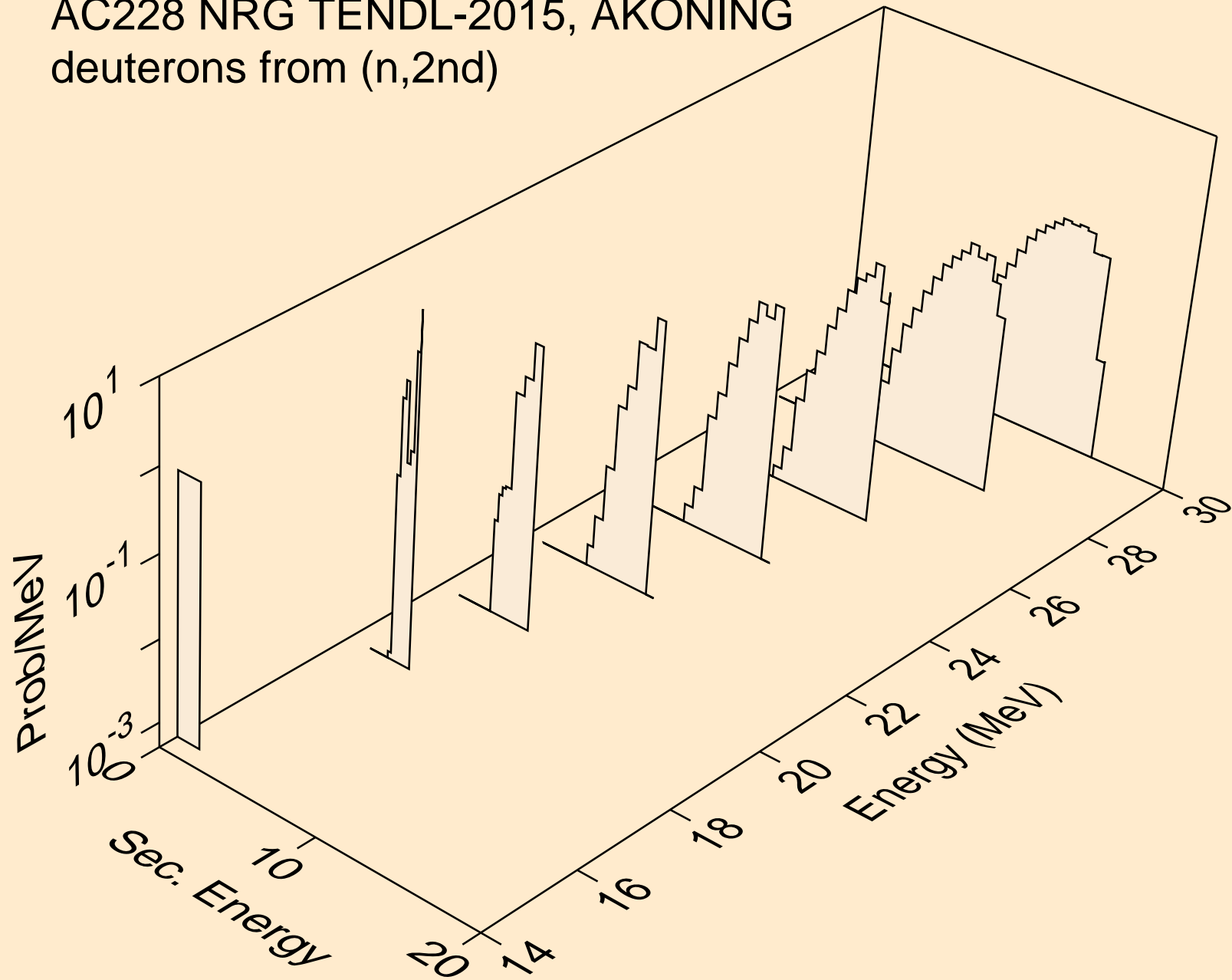




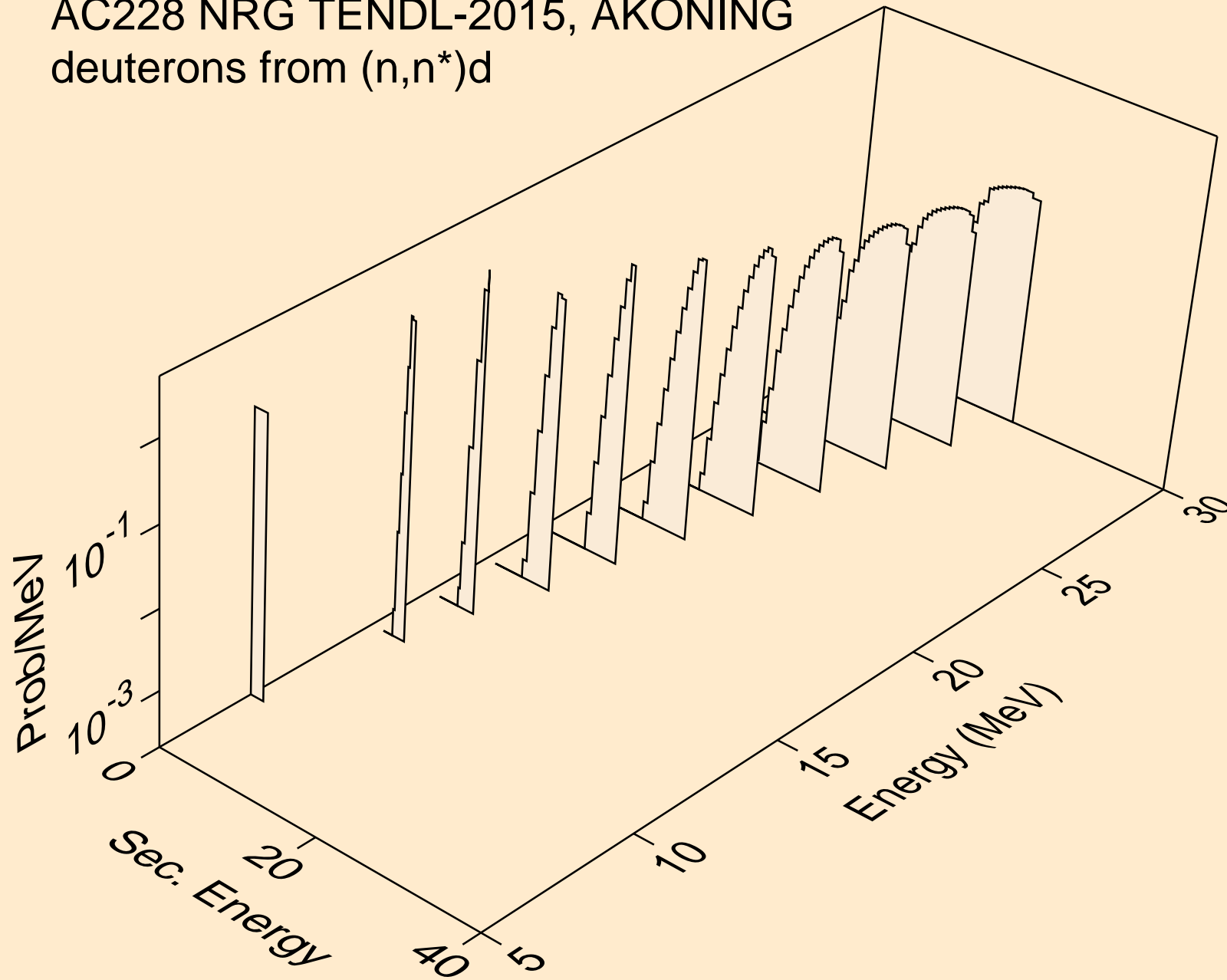
AC228 NRG TENDL-2015, AKONING  
deuterons from (n,x)



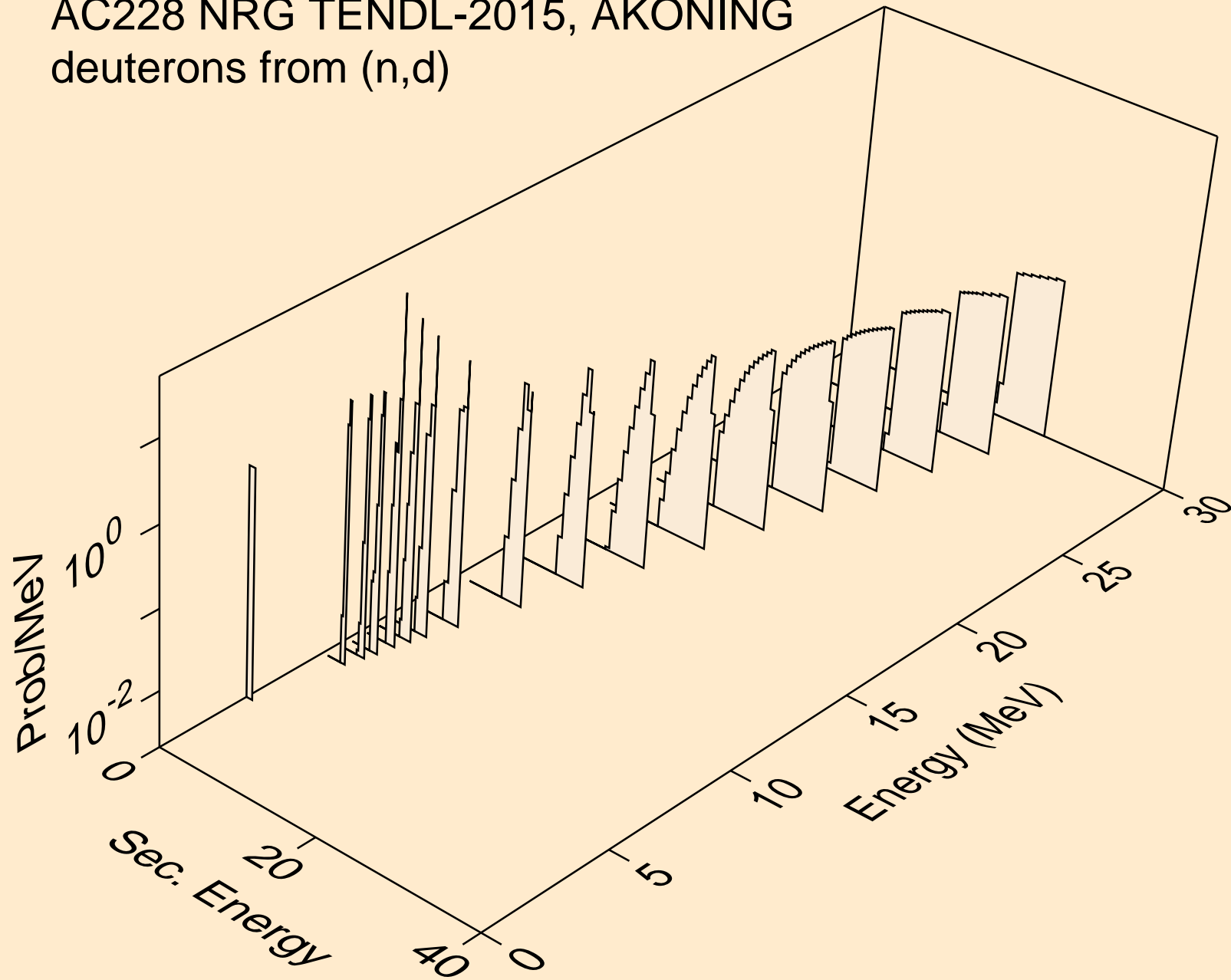
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deuterons from (n,2nd)



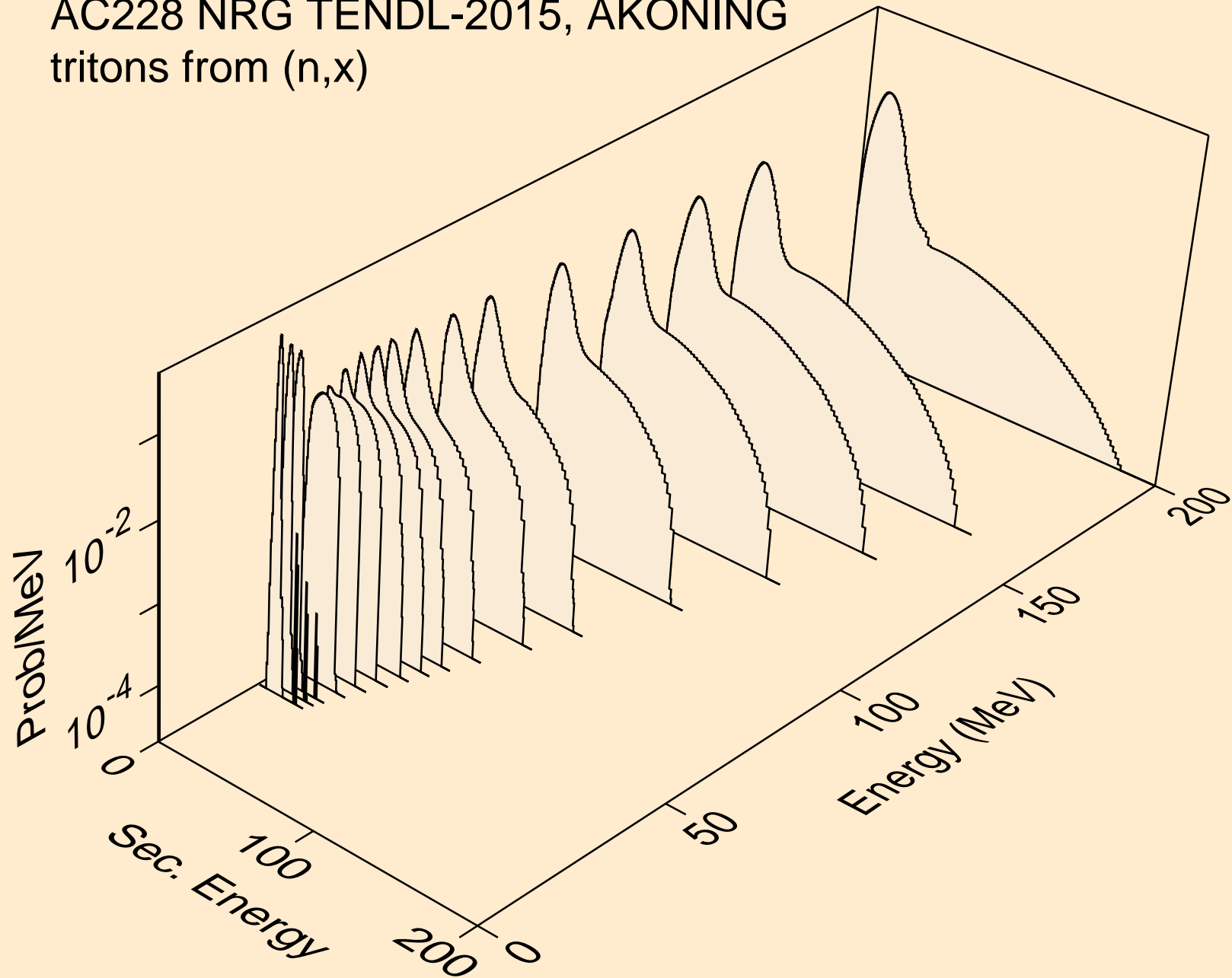
AC228 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



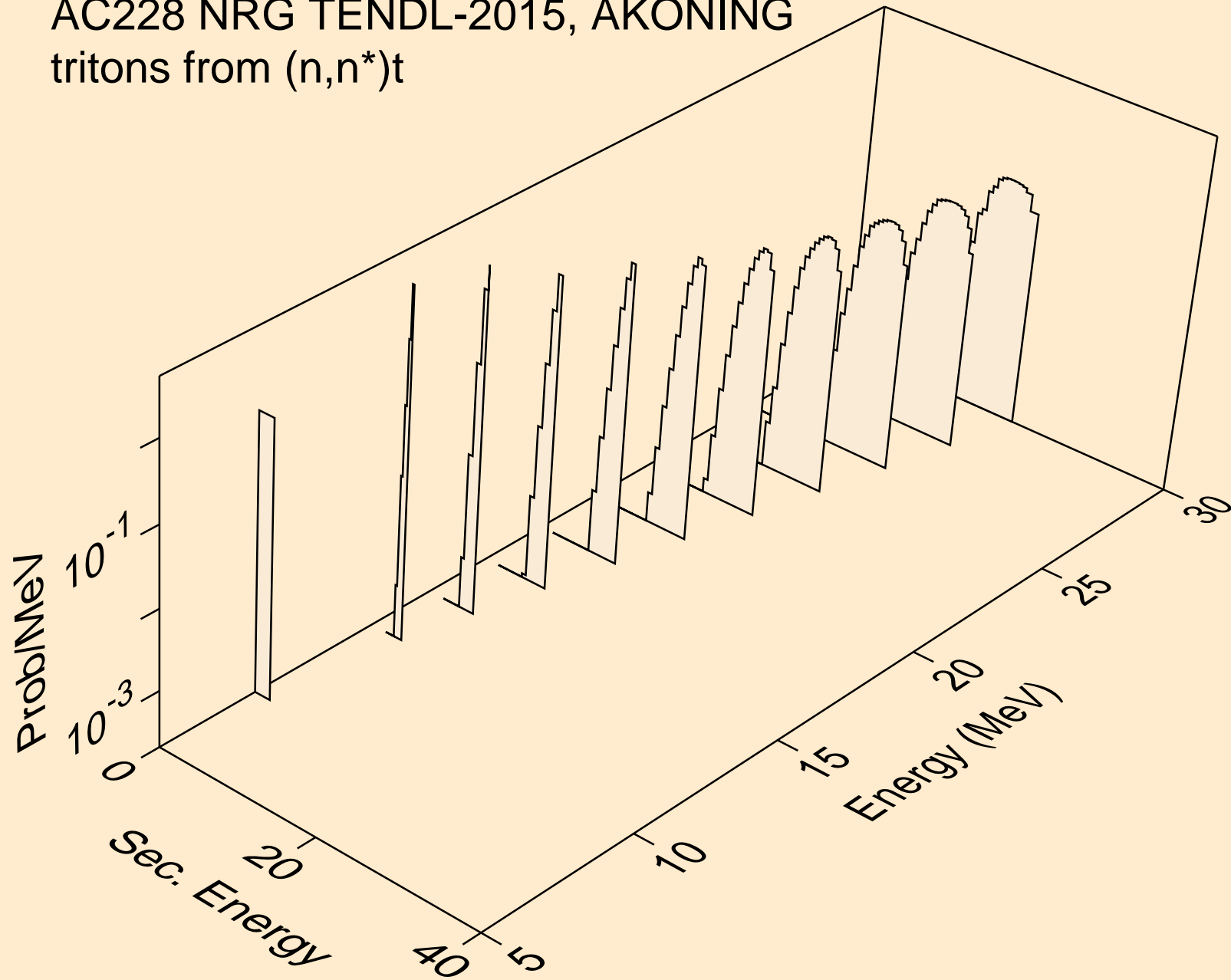
AC228 NRG TENDL-2015, AKONING  
deuterons from (n,d)



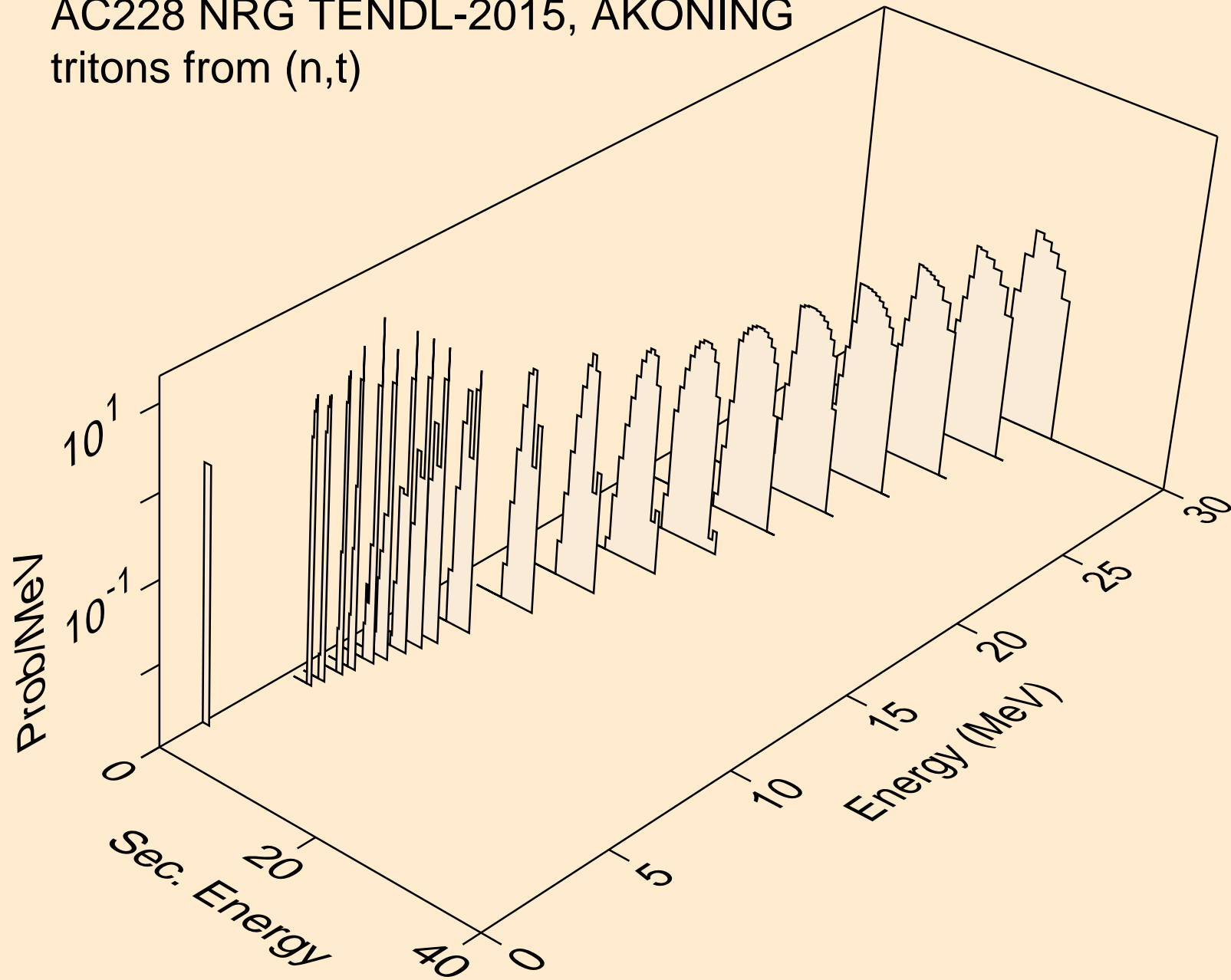
AC228 NRG TENDL-2015, AKONING  
tritons from (n,x)



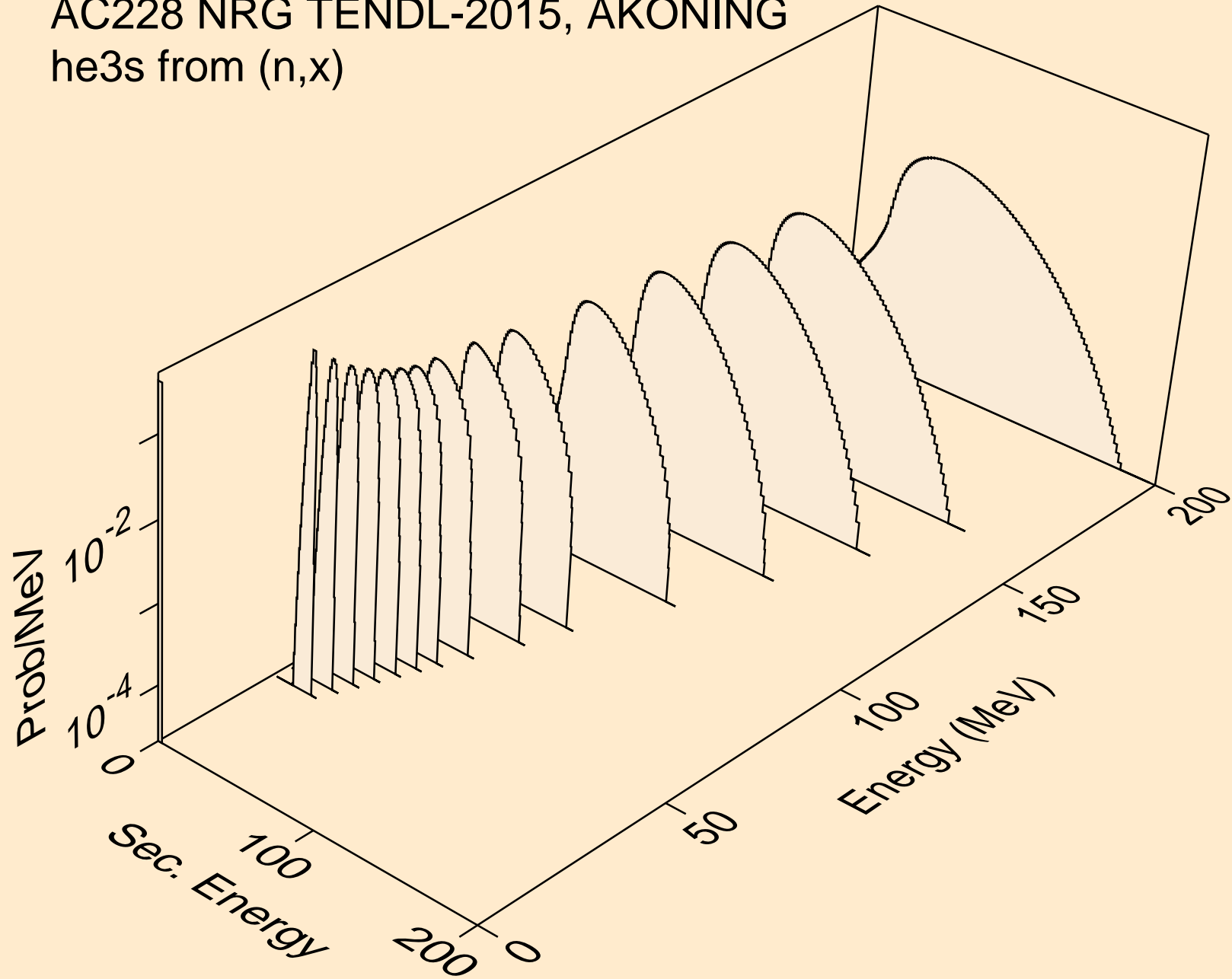
AC228 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



AC228 NRG TENDL-2015, AKONING  
tritons from (n,t)

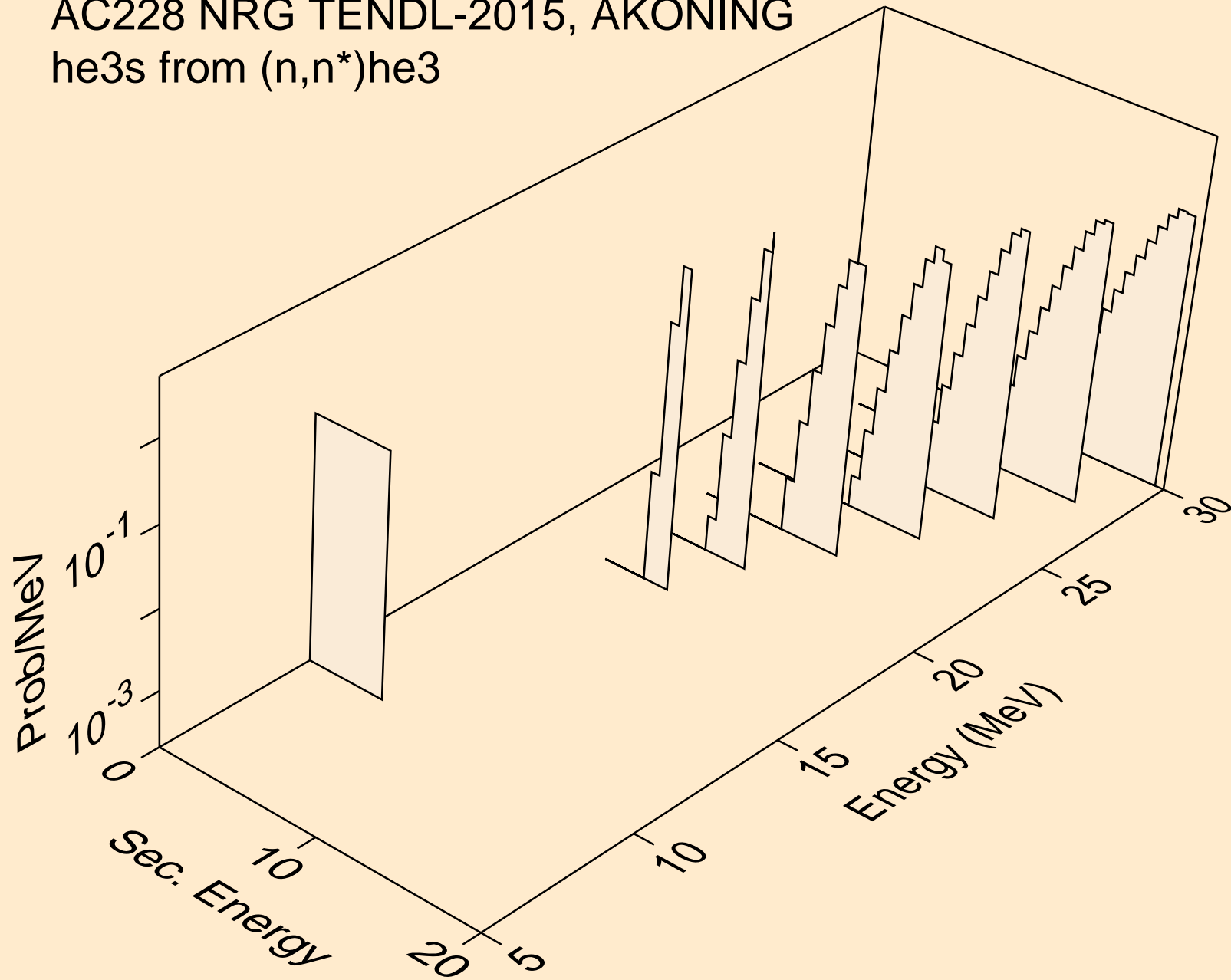


AC228 NRG TENDL-2015, AKONING  
he3s from (n,x)

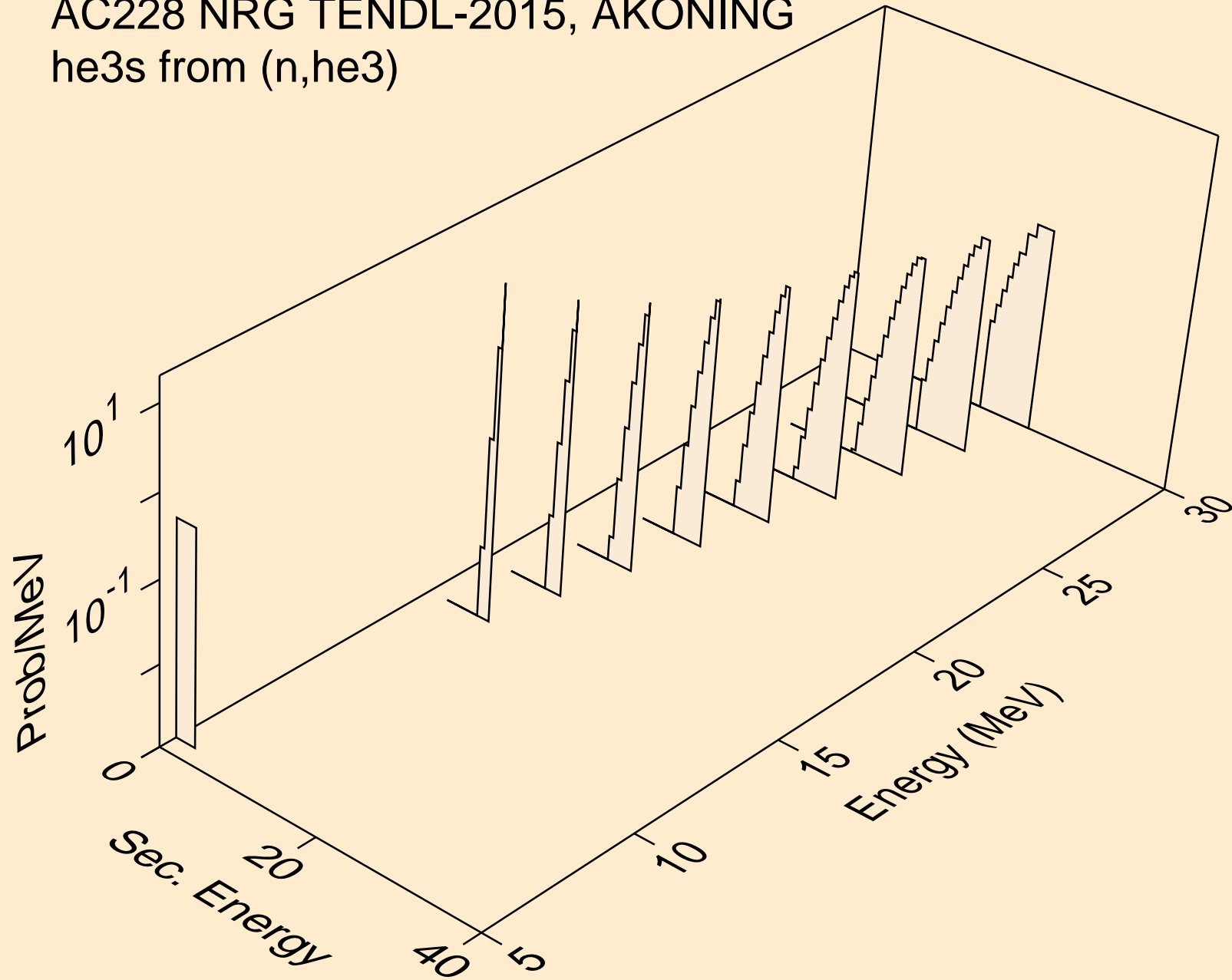




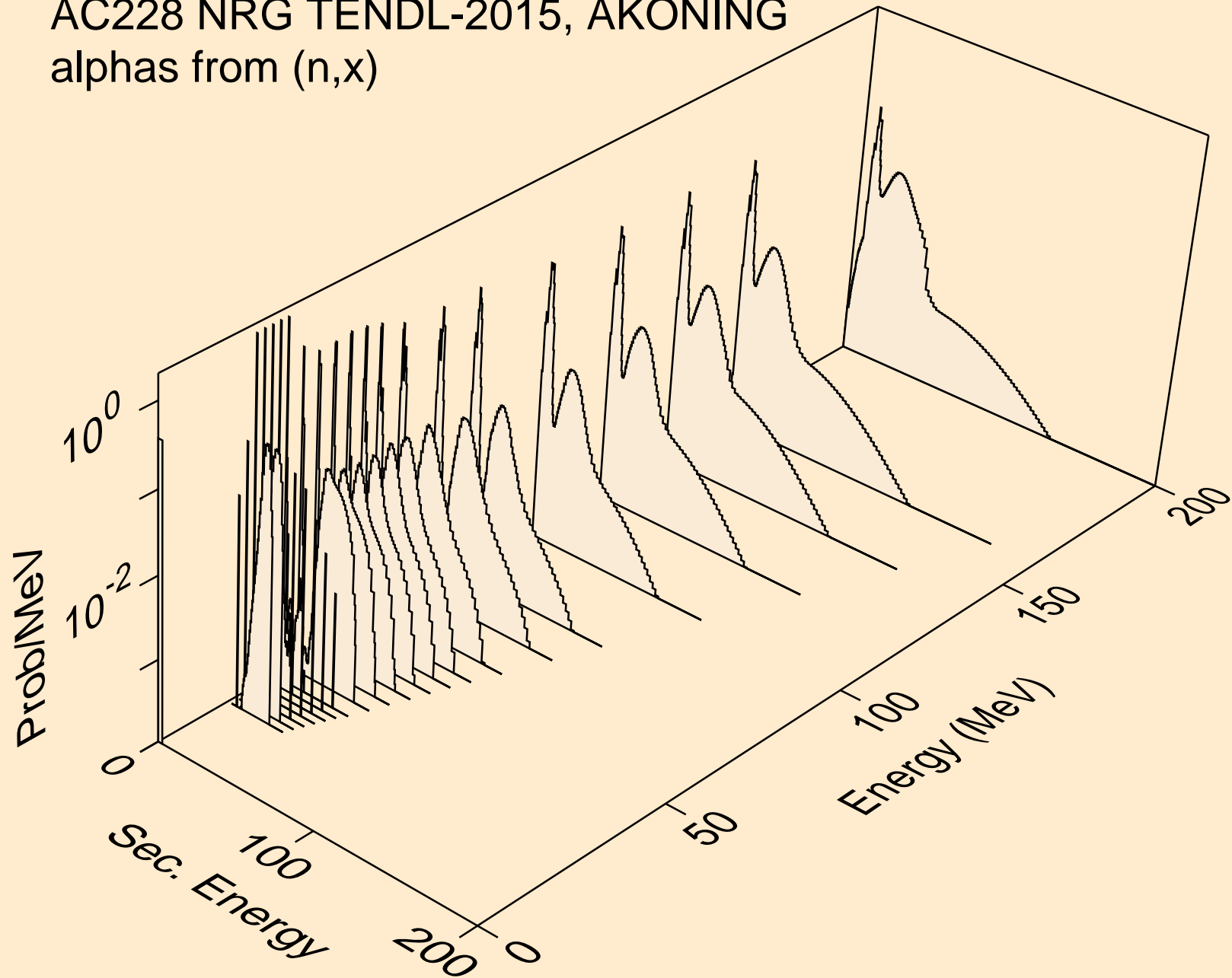
AC228 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



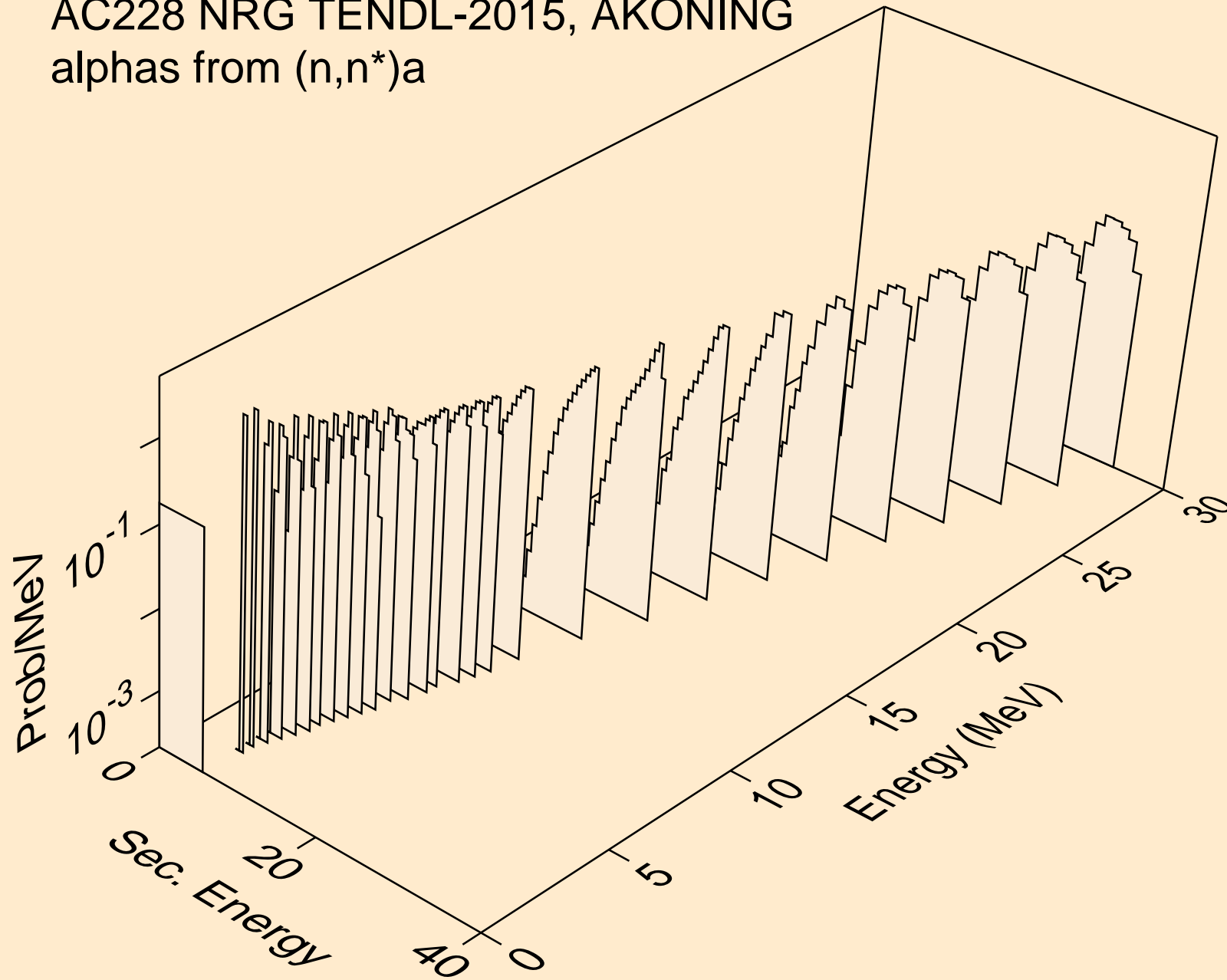
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he3s from (n,he3)



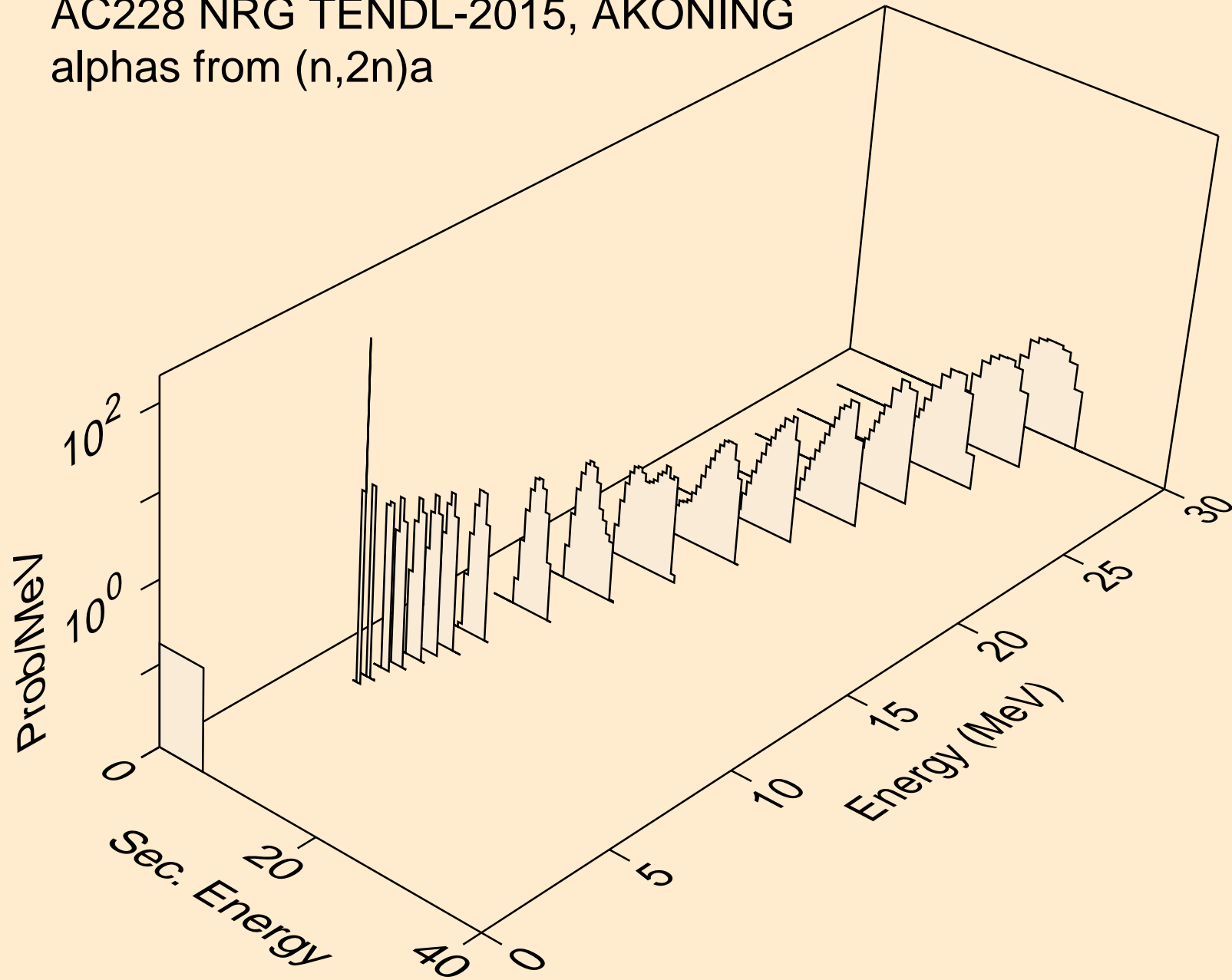
AC228 NRG TENDL-2015, AKONING  
alphas from (n,x)



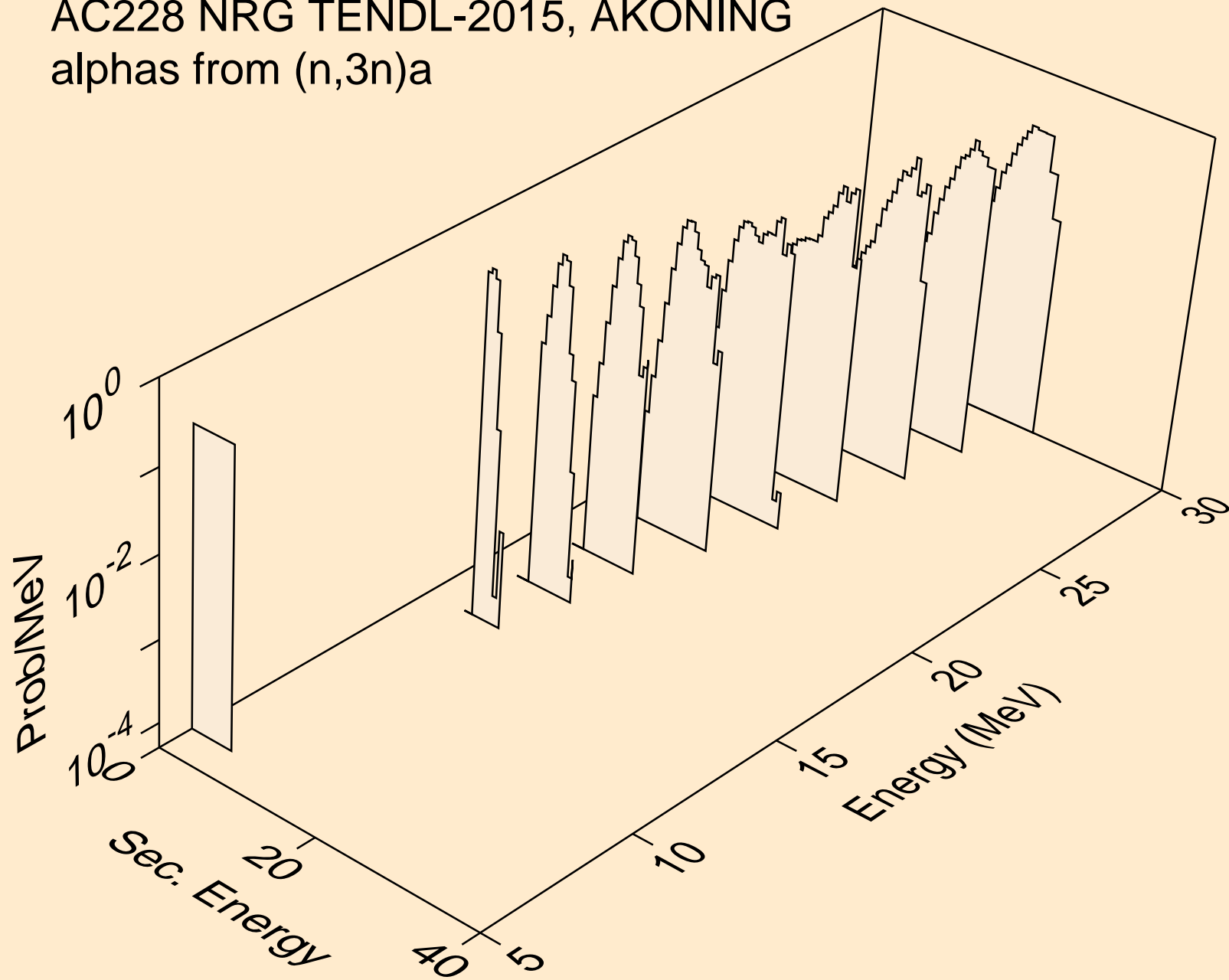
AC228 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



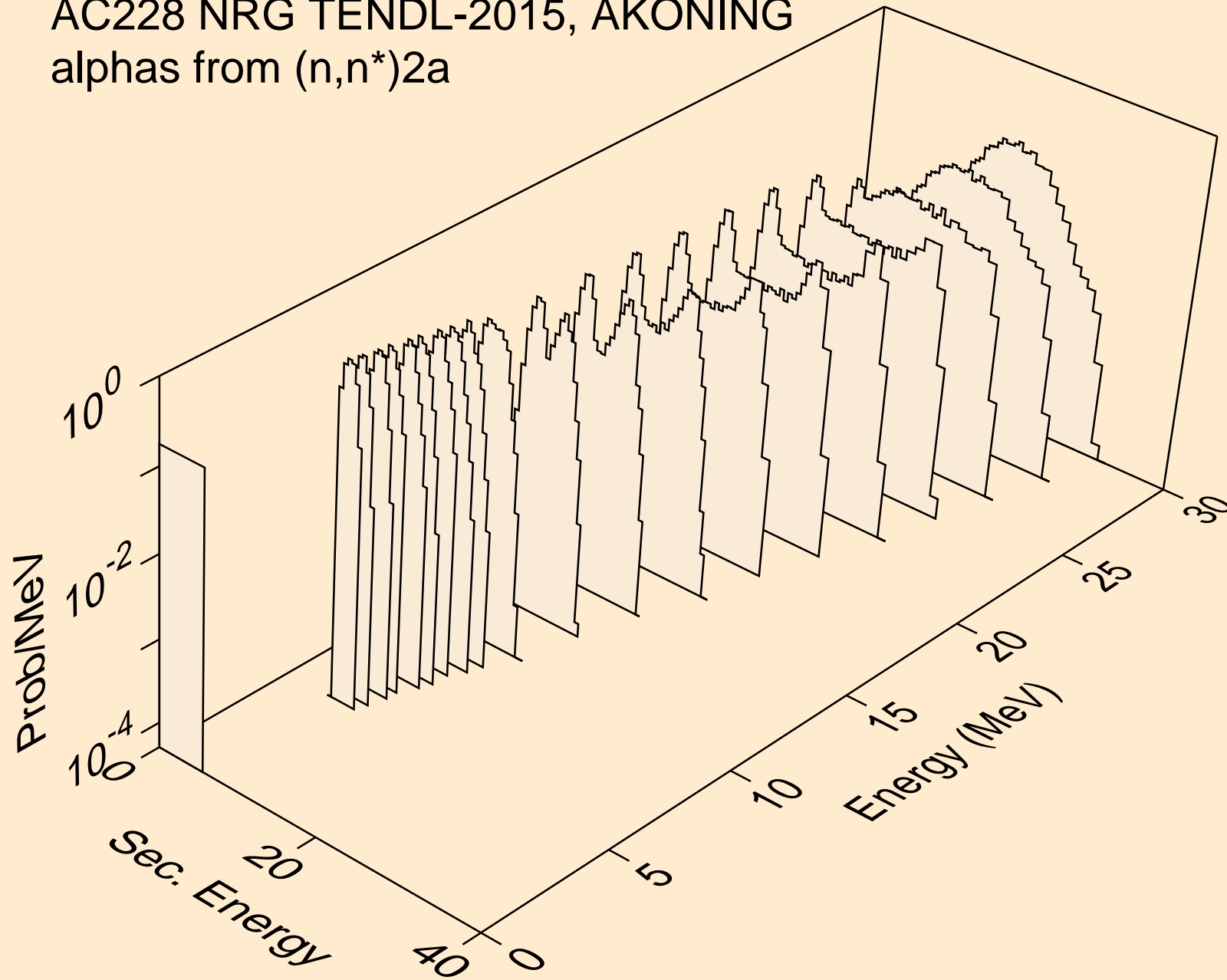
AC228 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



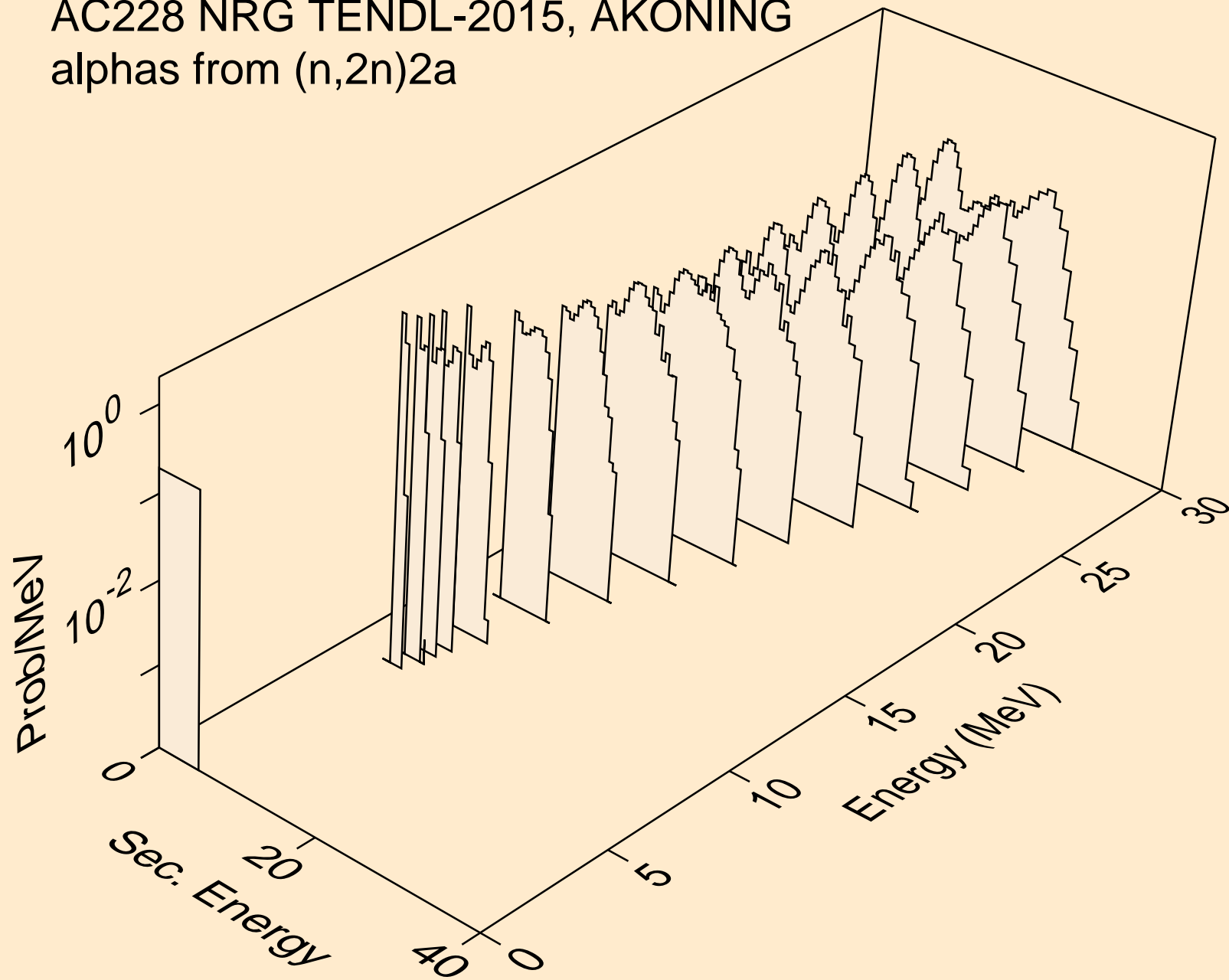
AC228 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



AC228 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

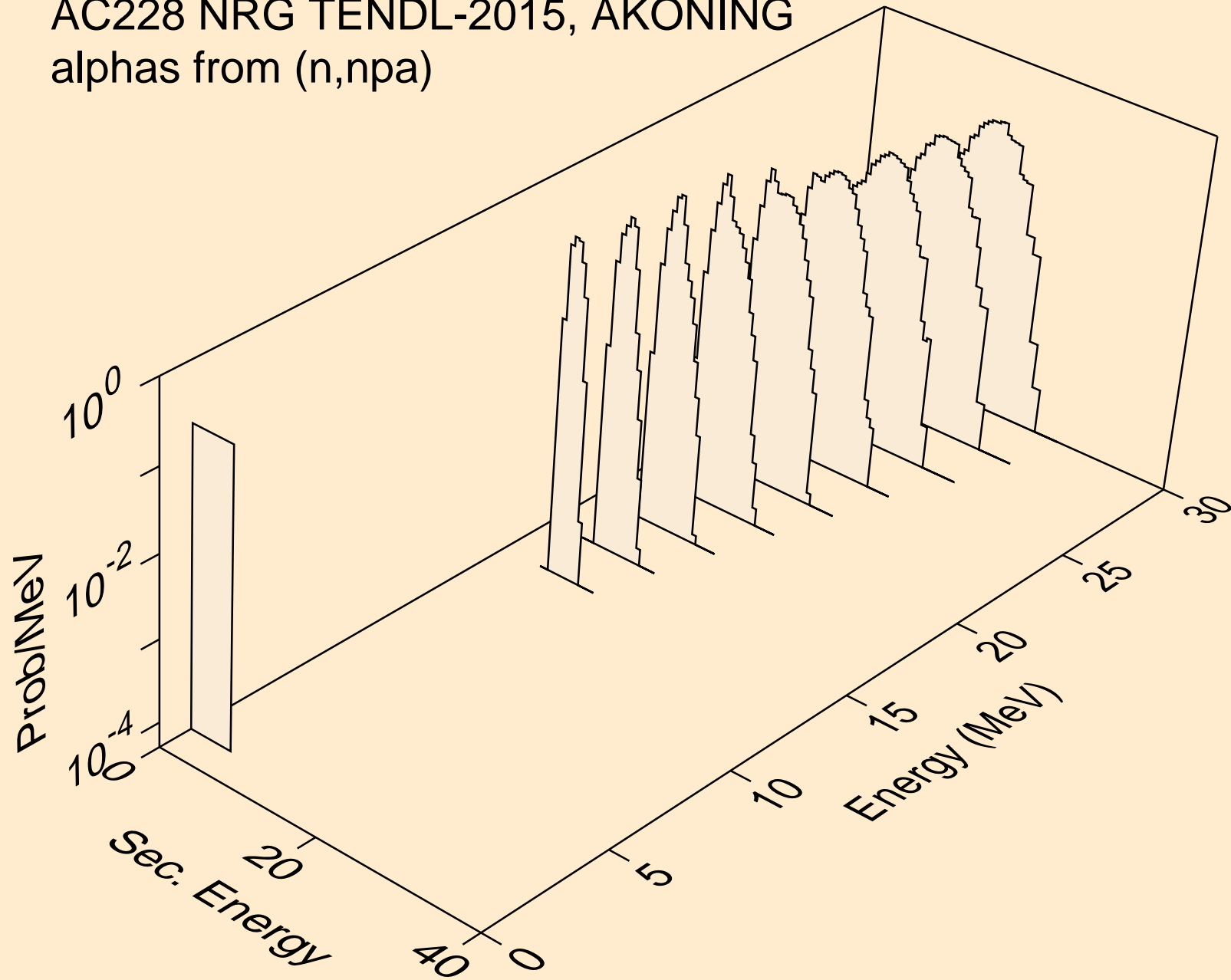


AC228 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

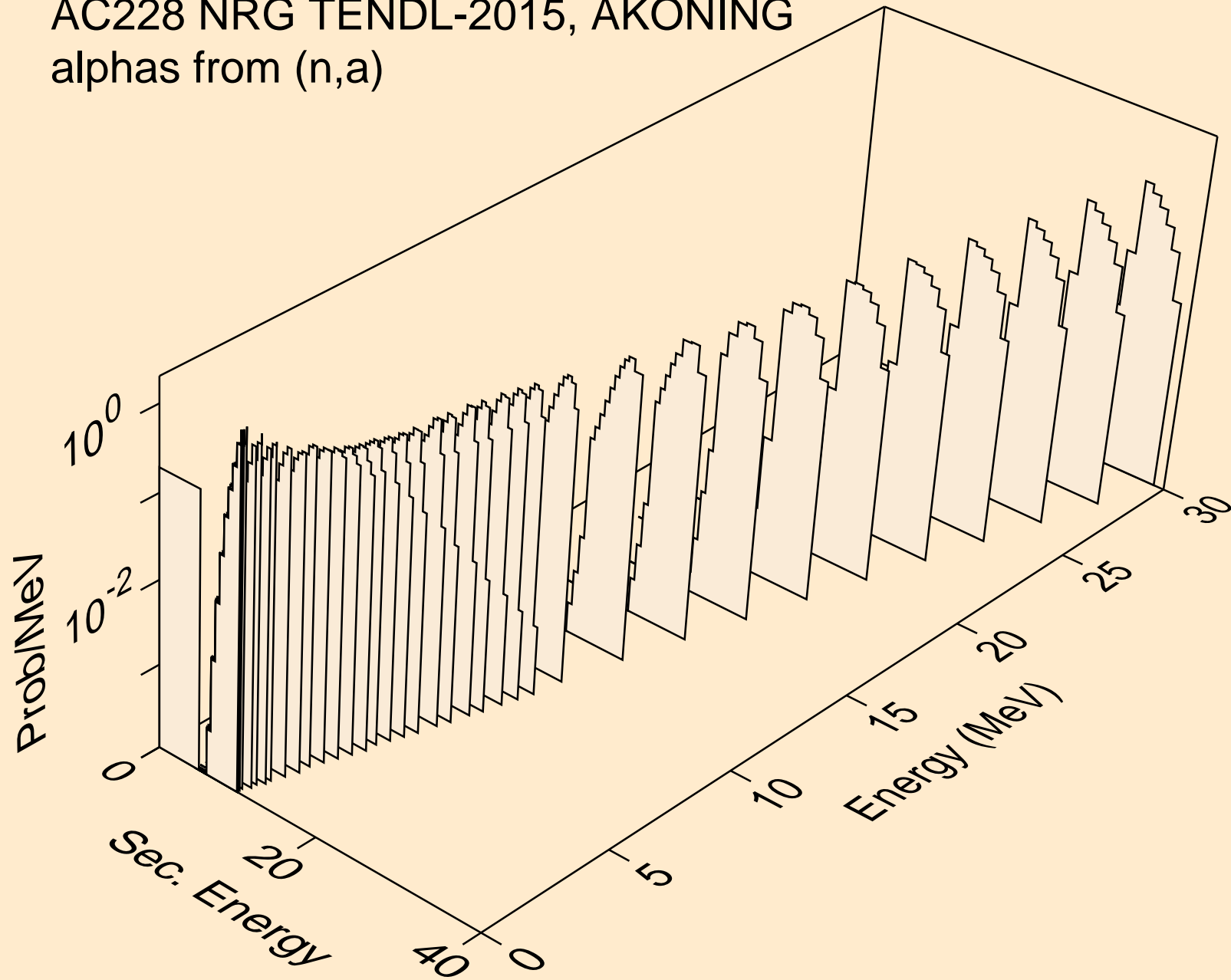




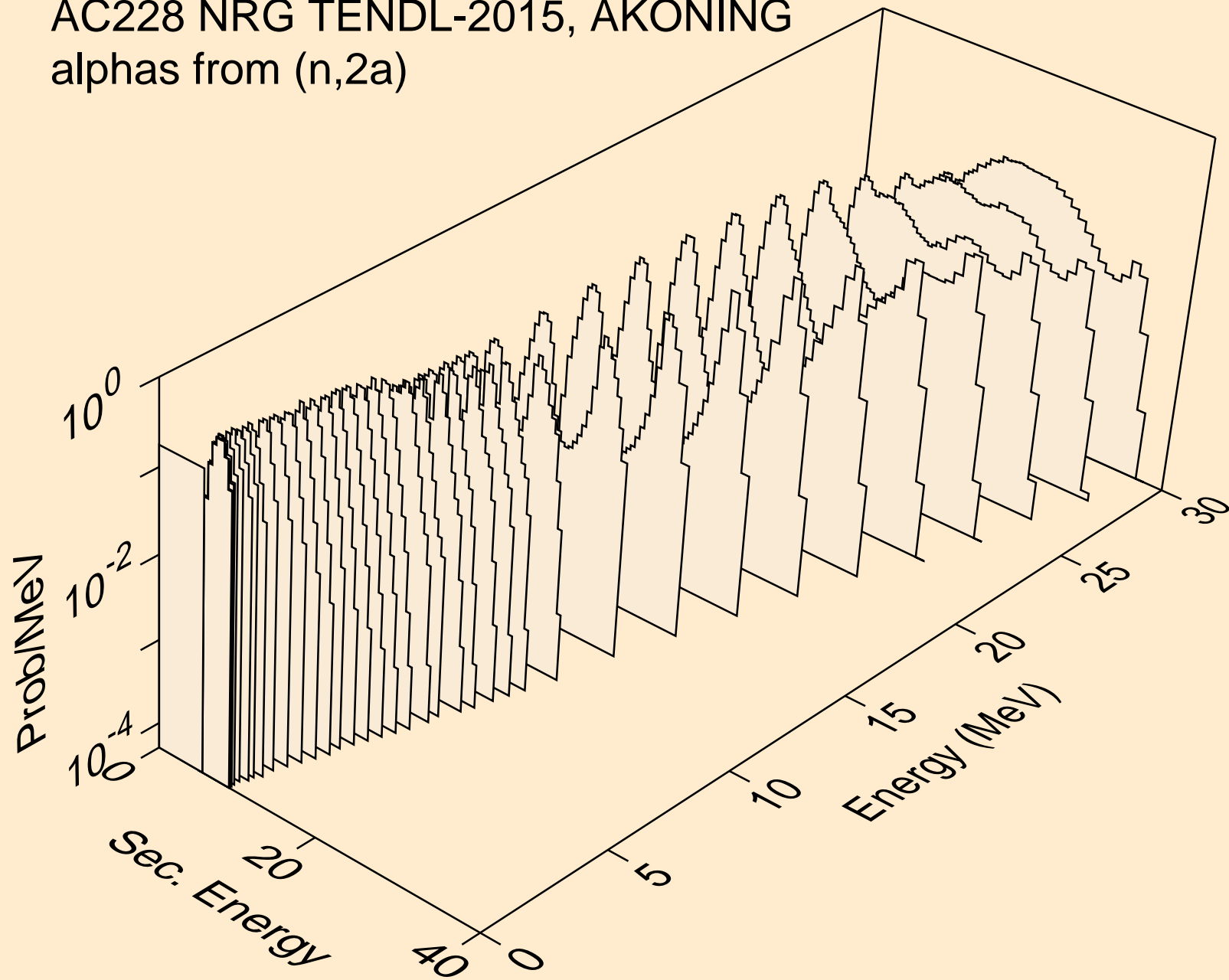
AC228 NRG TENDL-2015, AKONING  
alphas from (n,npa)



AC228 NRG TENDL-2015, AKONING  
alphas from (n,a)



AC228 NRG TENDL-2015, AKONING  
alphas from (n,2a)



AC228 NRG TENDL-2015, AKONING  
alphas from (n,pa)

