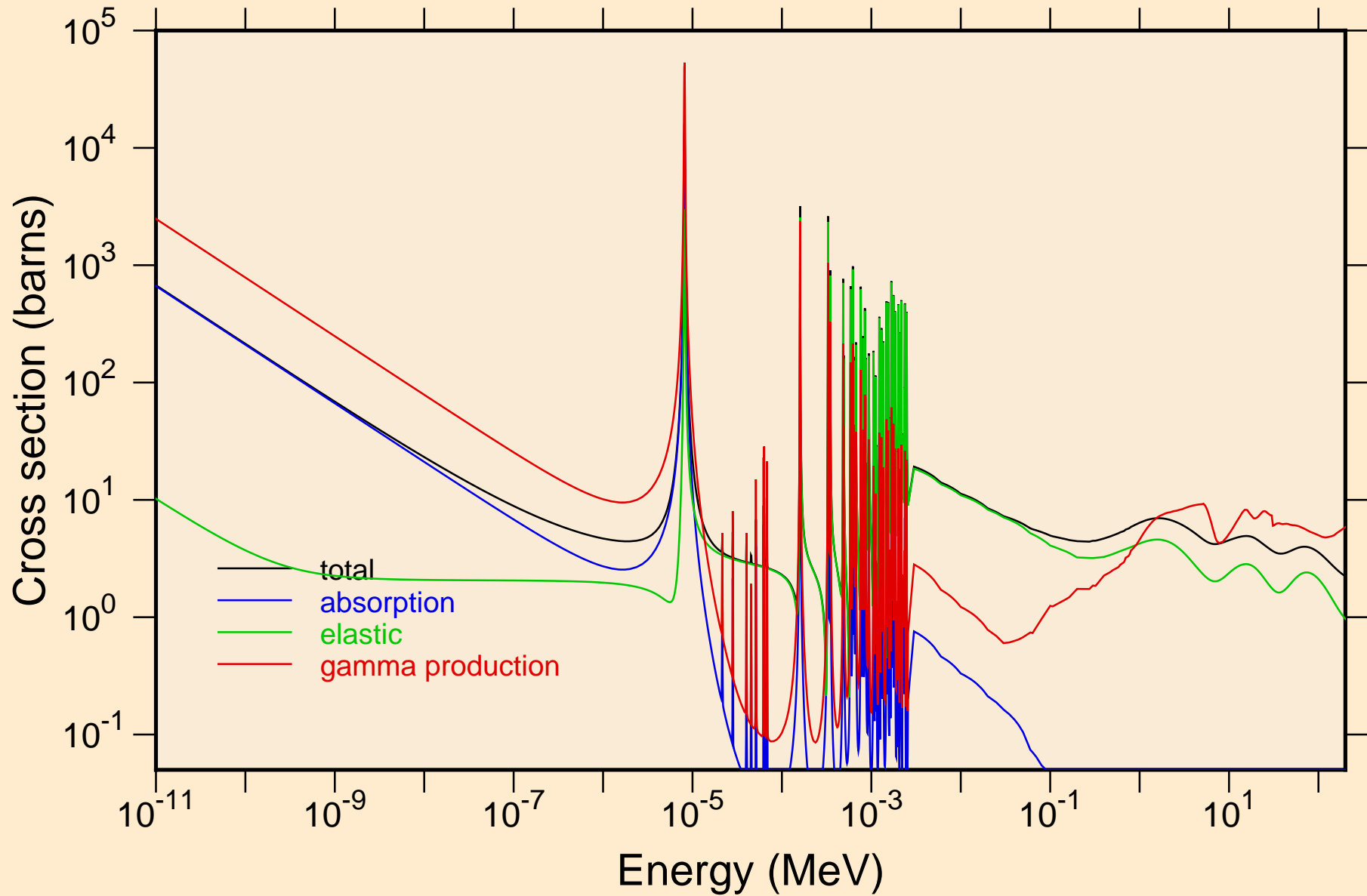
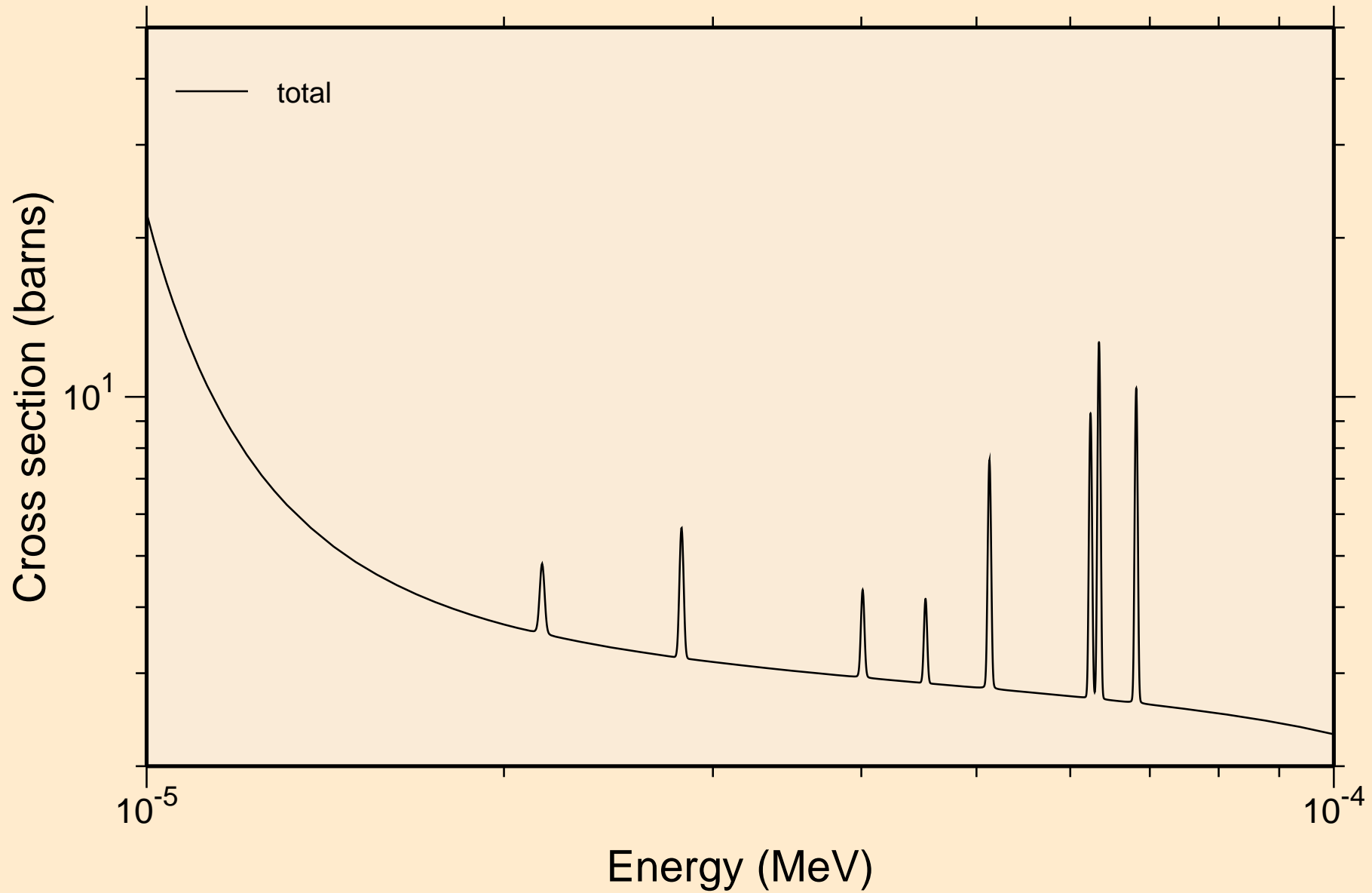


# LA140 NRG TENDL-2015, AKONING

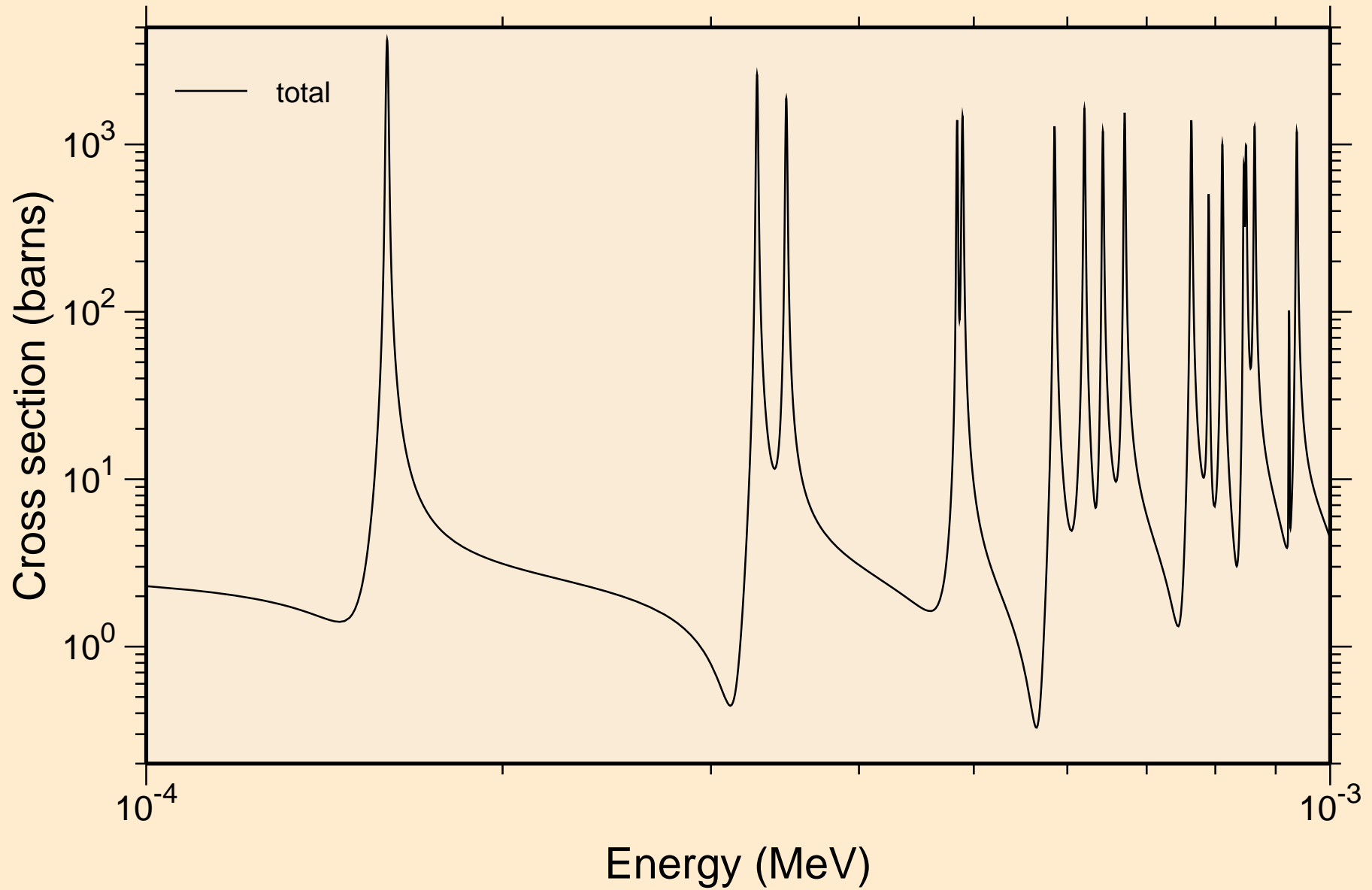
## Principal cross sections



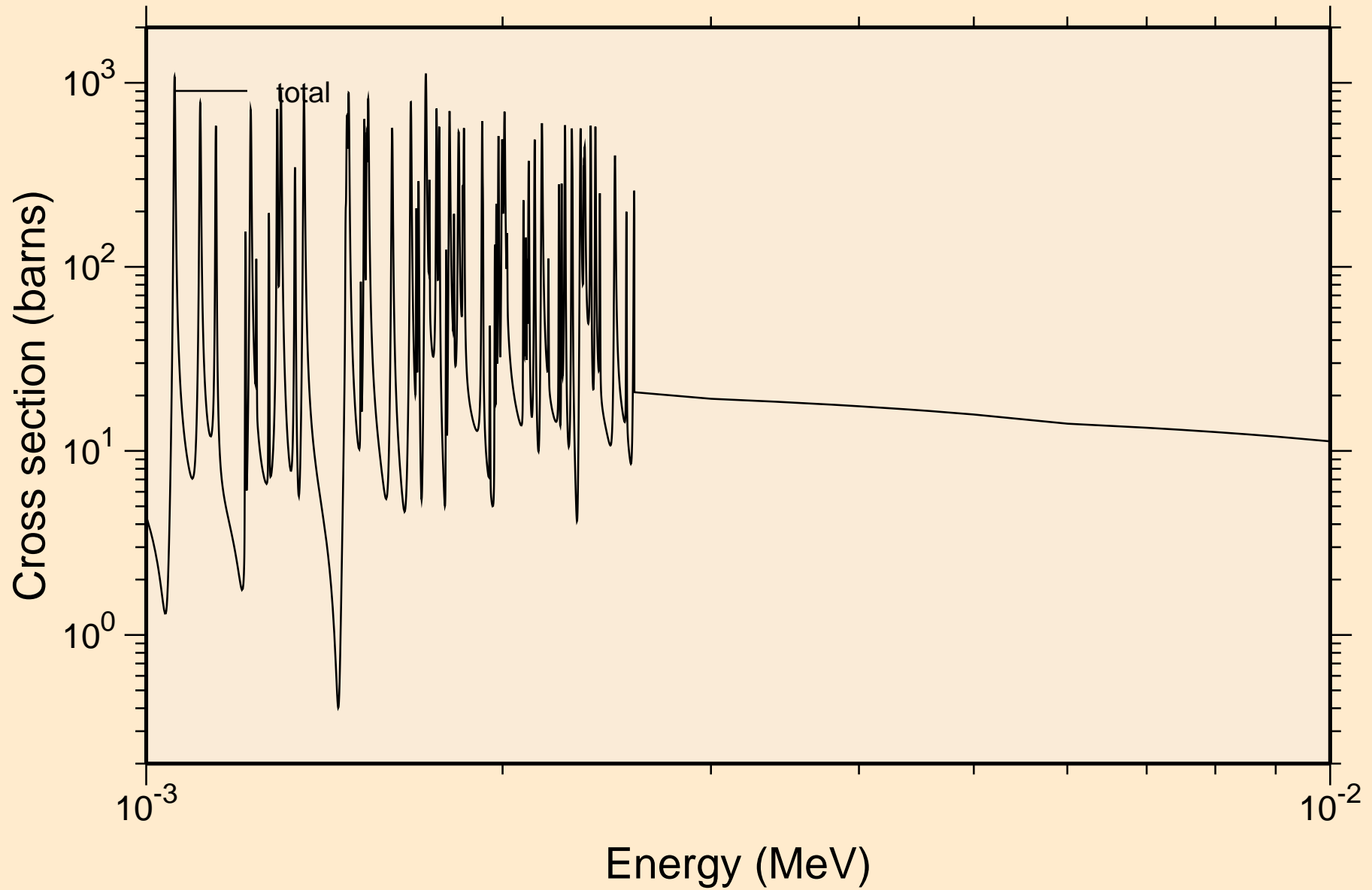
LA140 NRG TENDL-2015, AKONING  
resonance total cross section



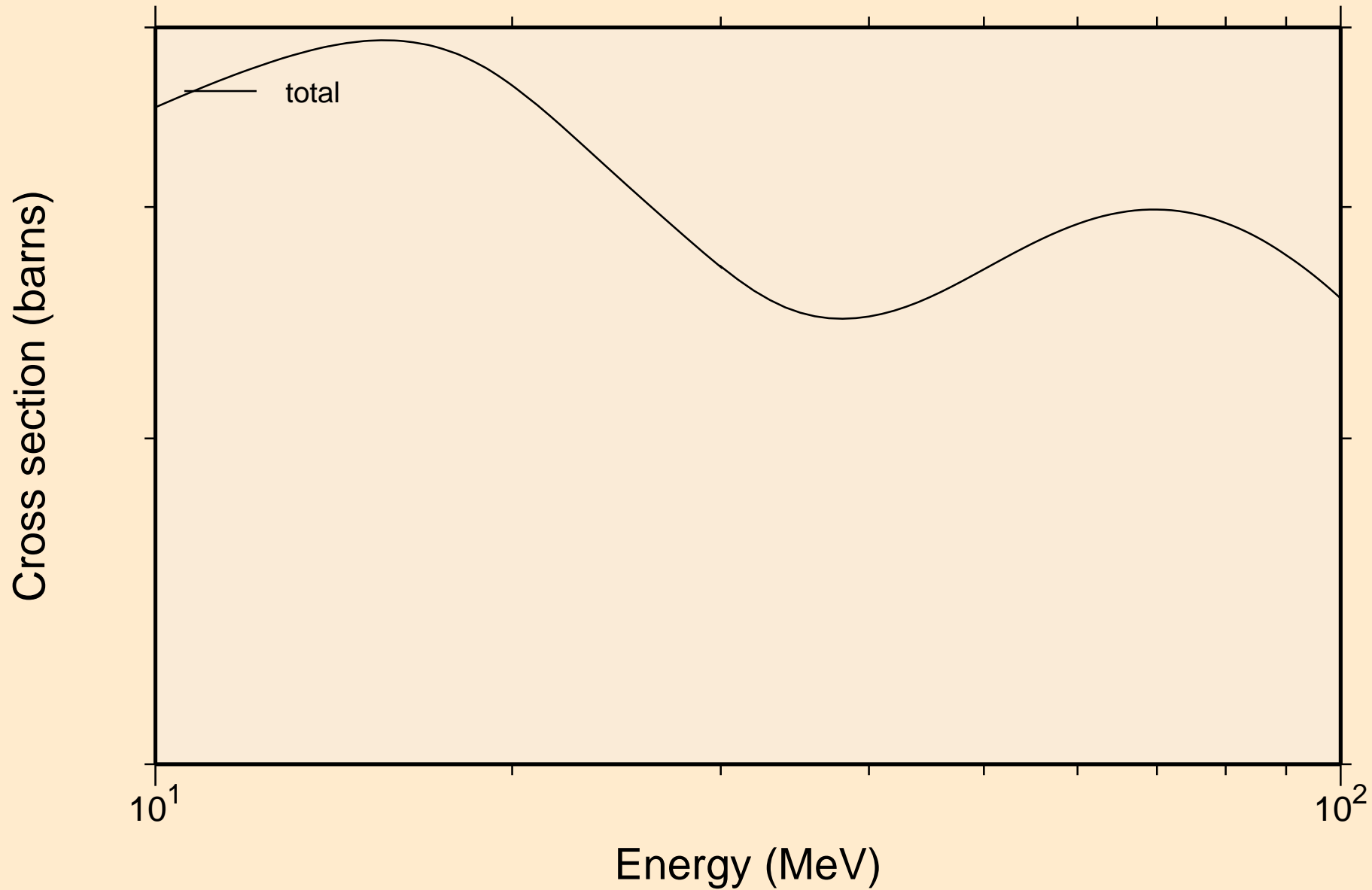
LA140 NRG TENDL-2015, AKONING  
resonance total cross section



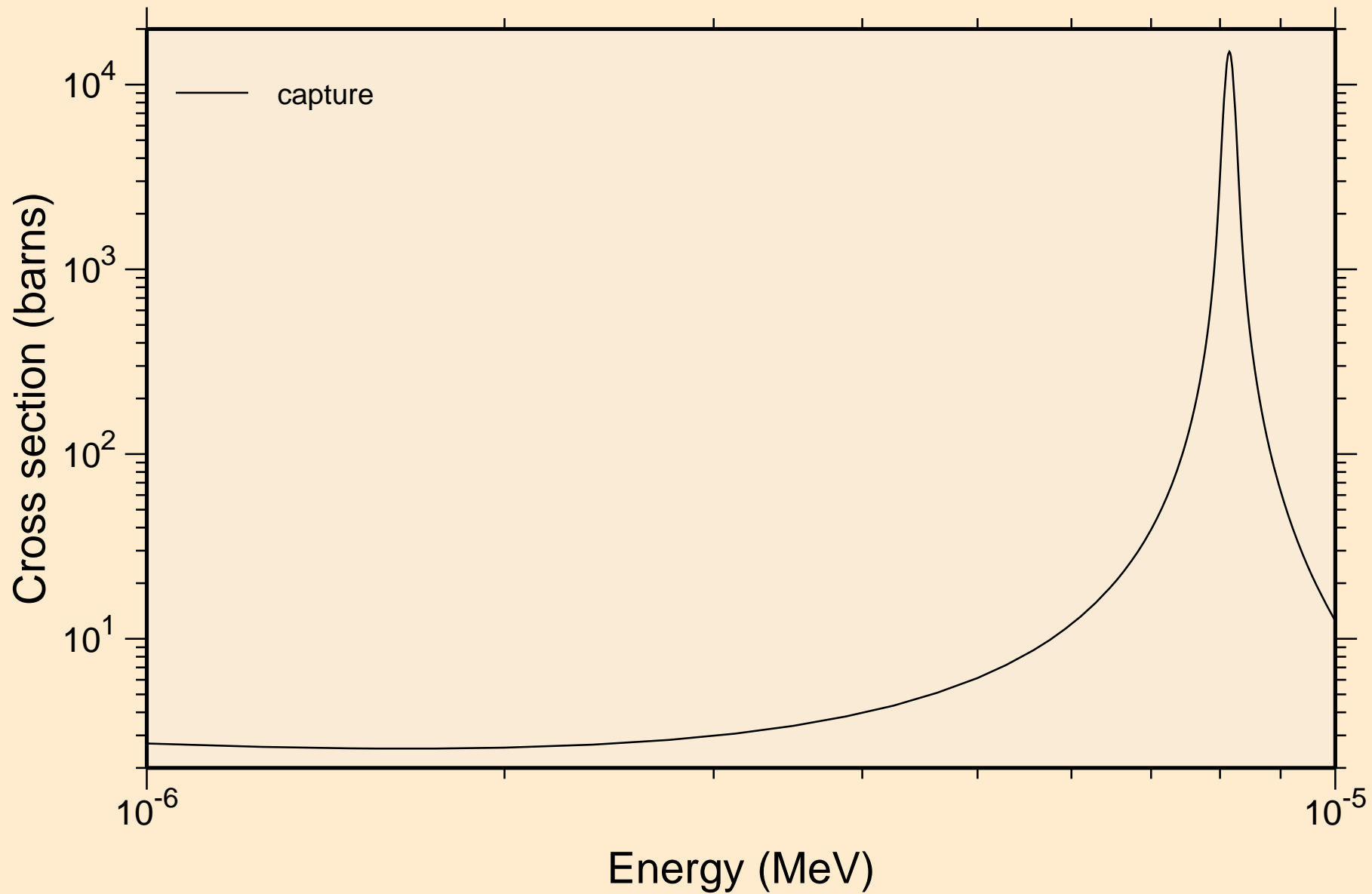
LA140 NRG TENDL-2015, AKONING  
resonance total cross section



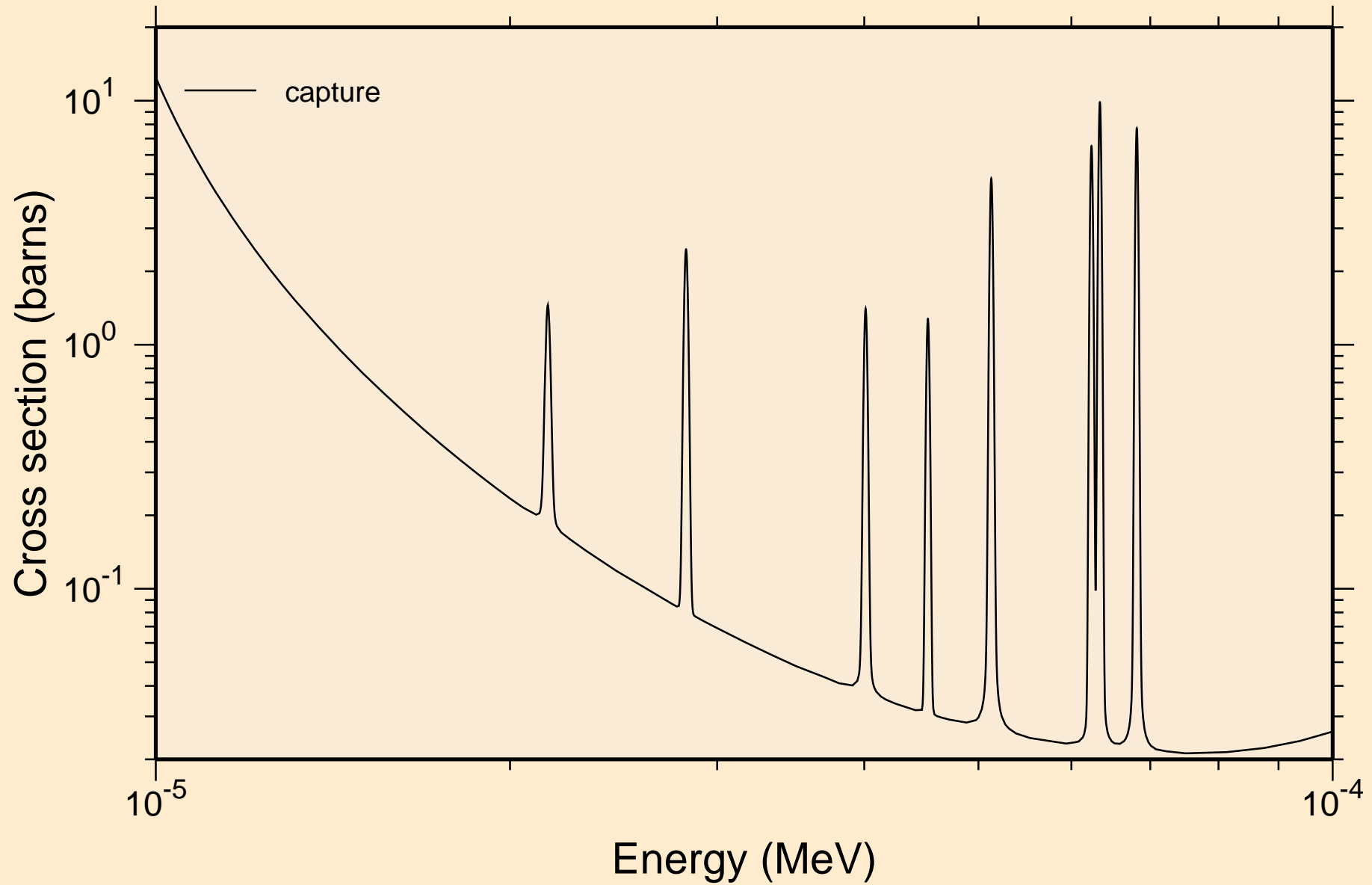
LÄ140 NRG TENDL-2015, AKONING  
resonance total cross section



LA140 NRG TENDL-2015, AKONING  
resonance absorption cross sections



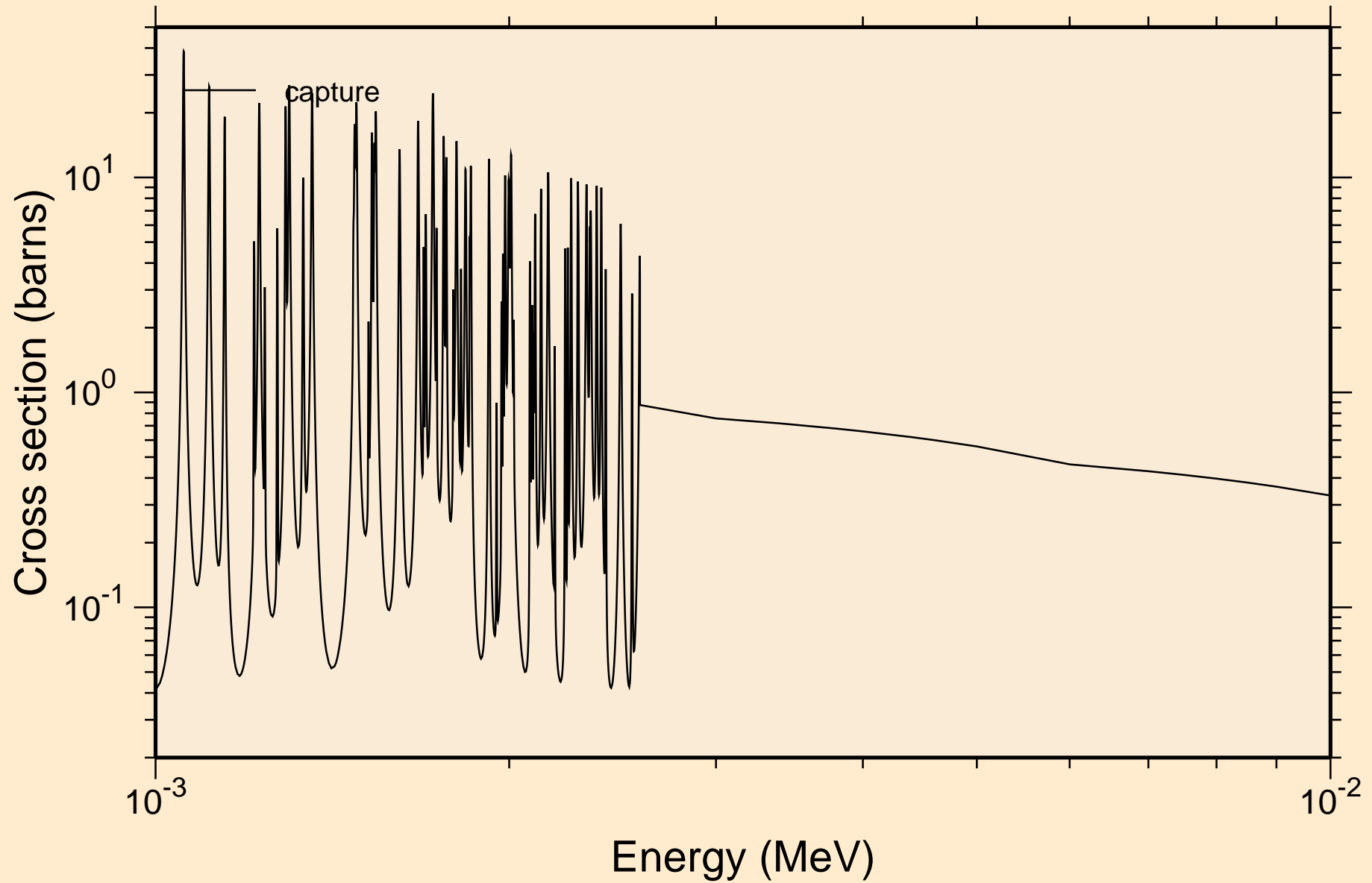
LA140 NRG TENDL-2015, AKONING  
resonance absorption cross sections



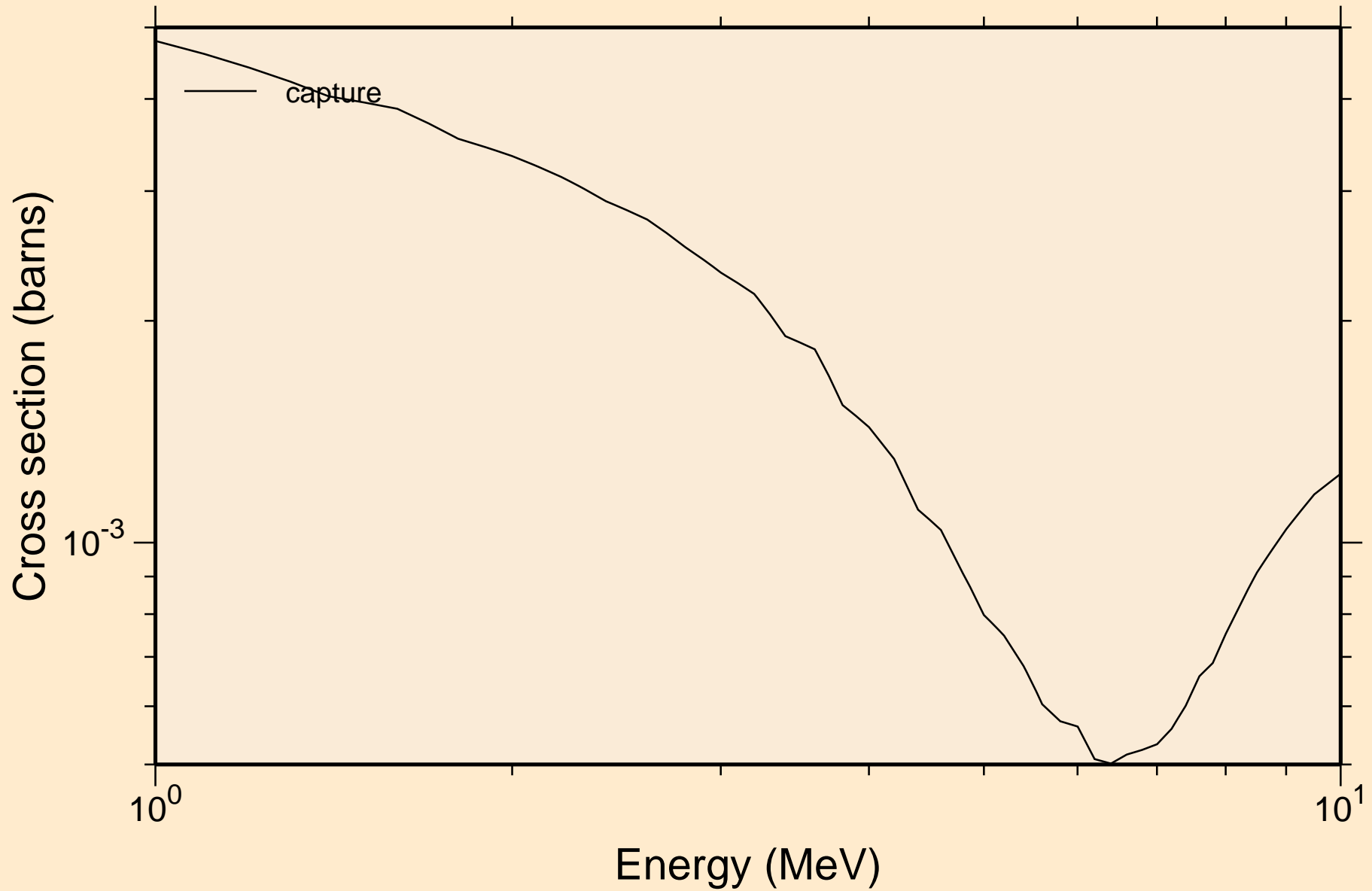




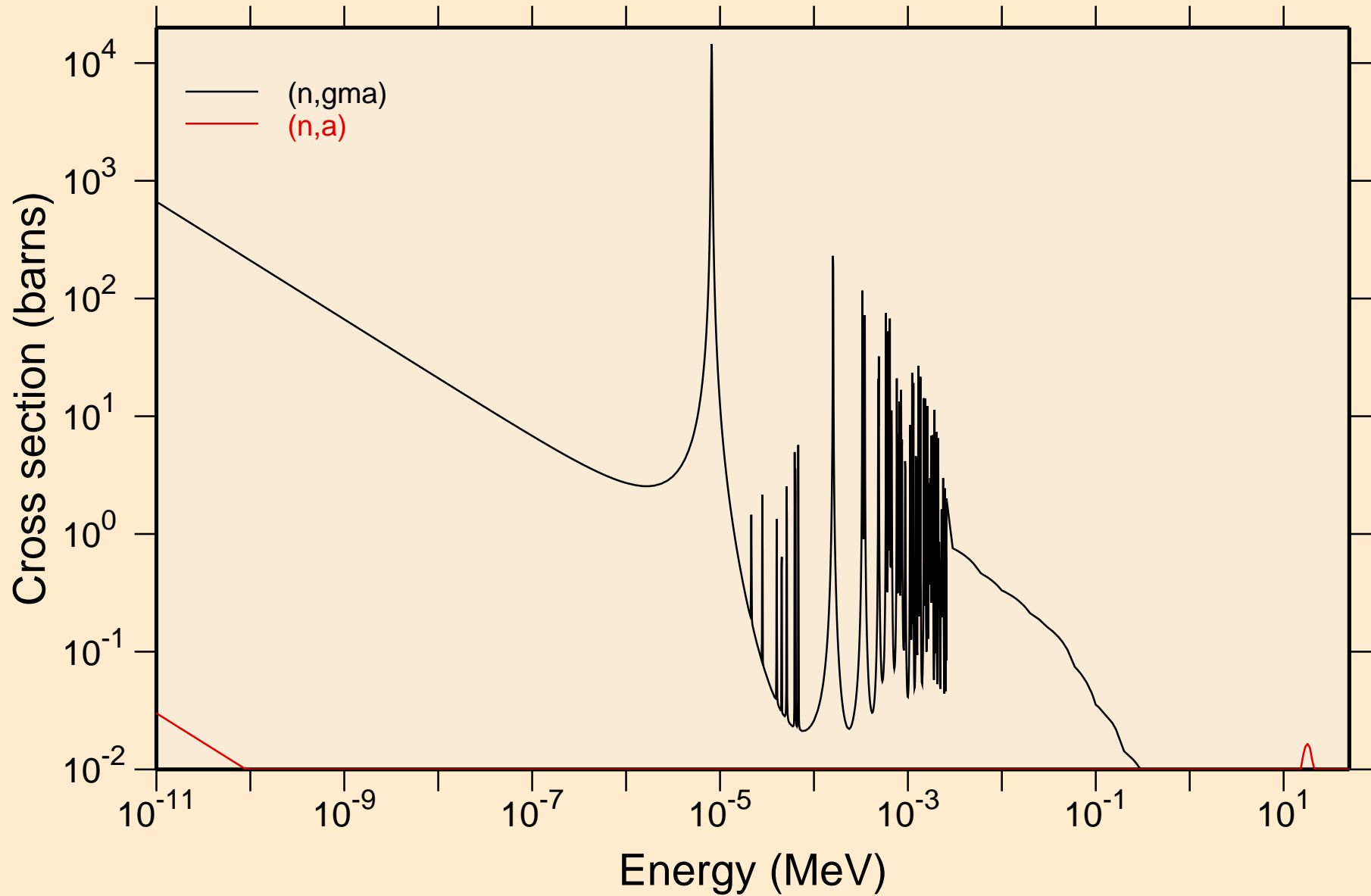
LA140 NRG TENDL-2015, AKONING  
resonance absorption cross sections



LA140 NRG TENDL-2015, AKONING  
resonance absorption cross sections

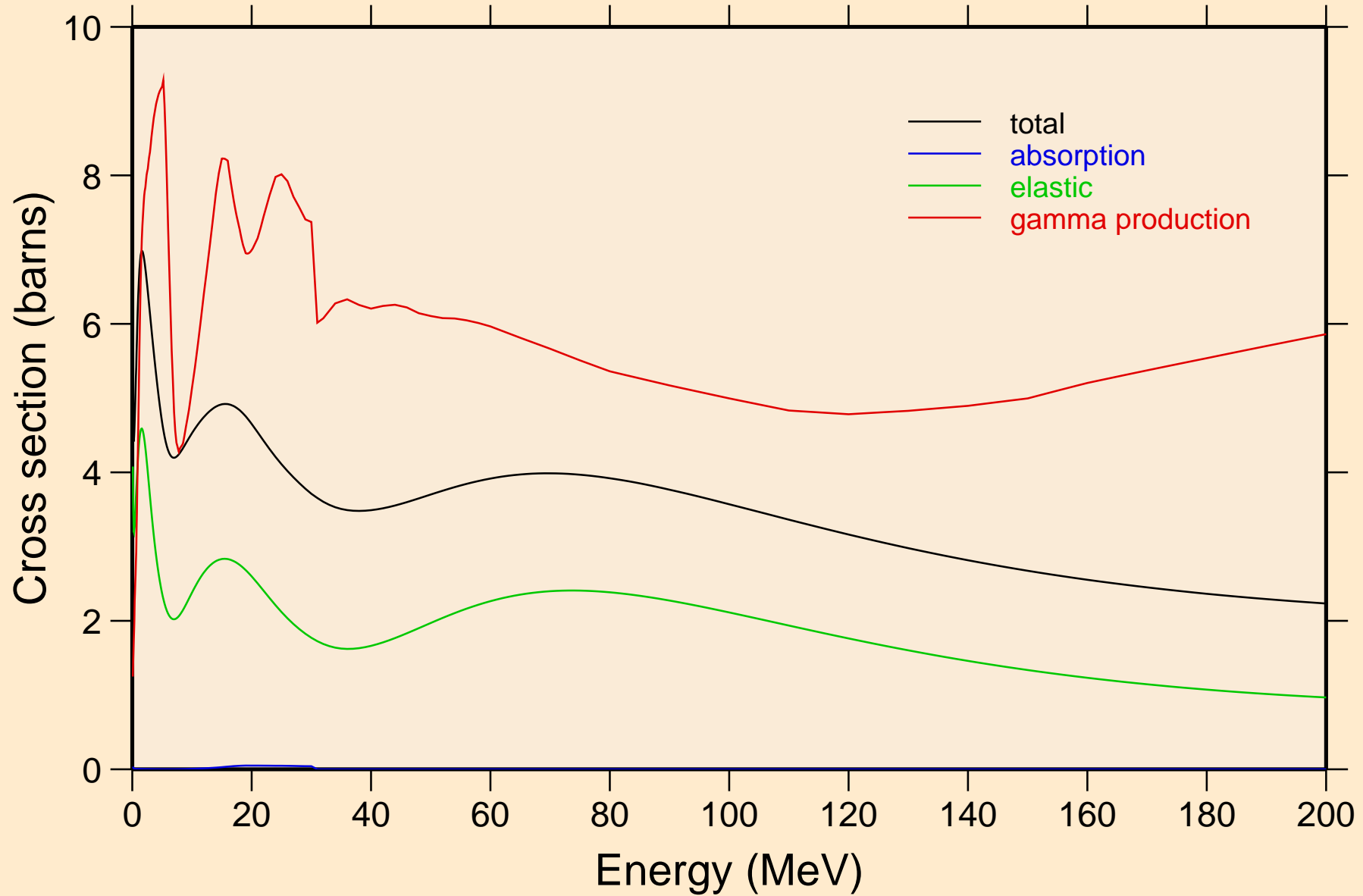


LA140 NRG TENDL-2015, AKONING  
Non-threshold reactions

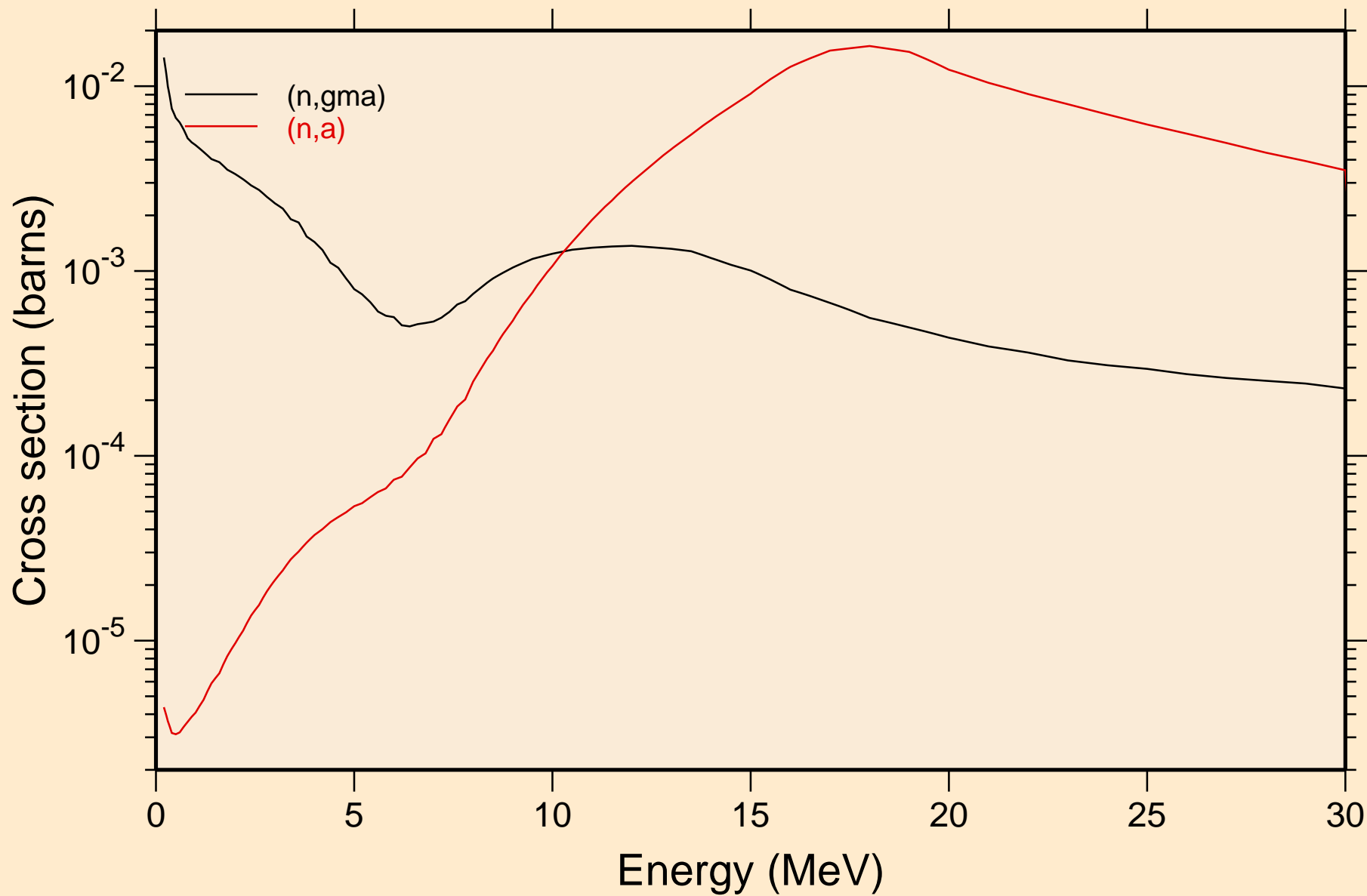


# LA140 NRG TENDL-2015, AKONING

## Principal cross sections

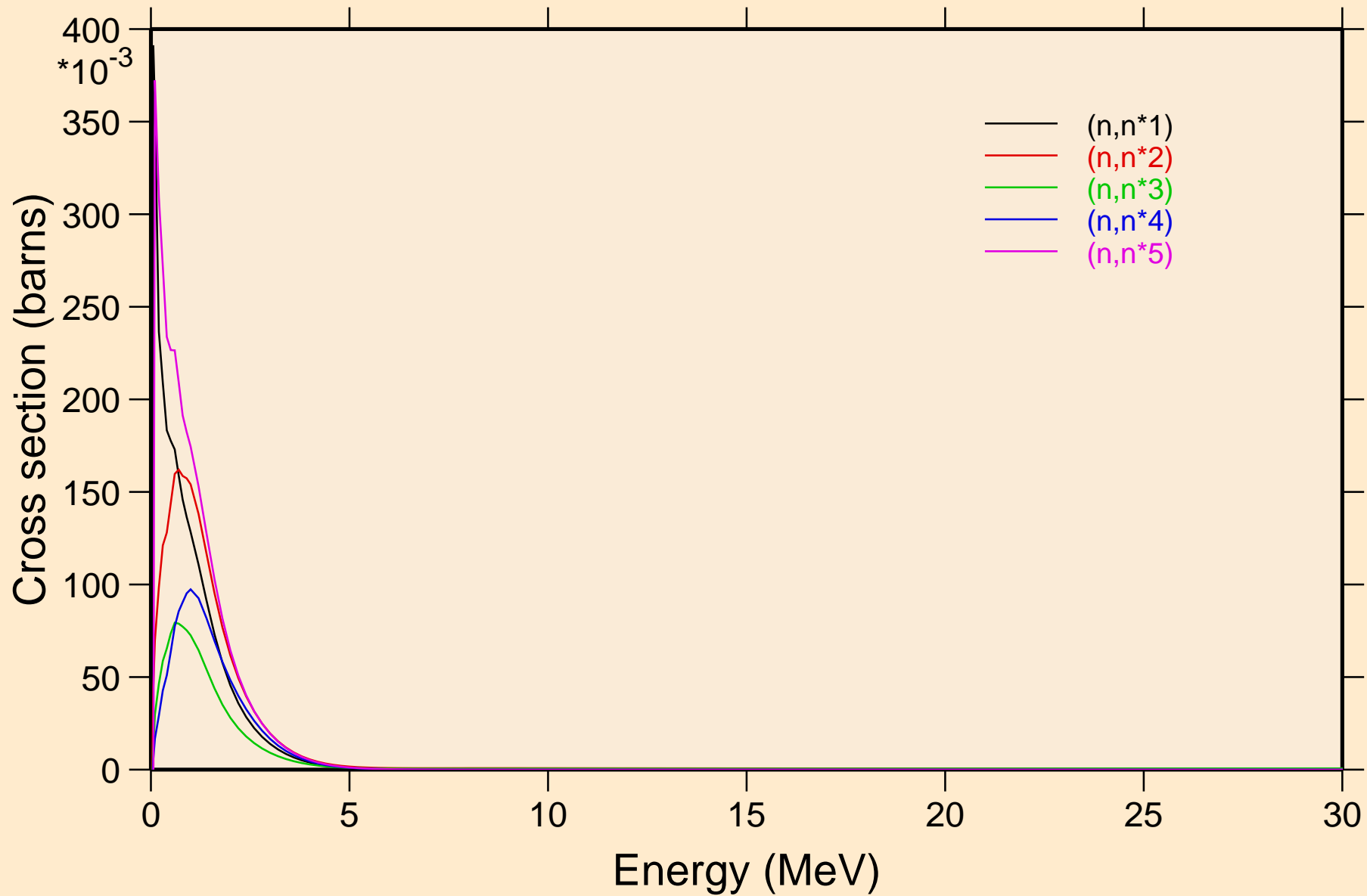


LA140 NRG TENDL-2015, AKONING  
Non-threshold reactions



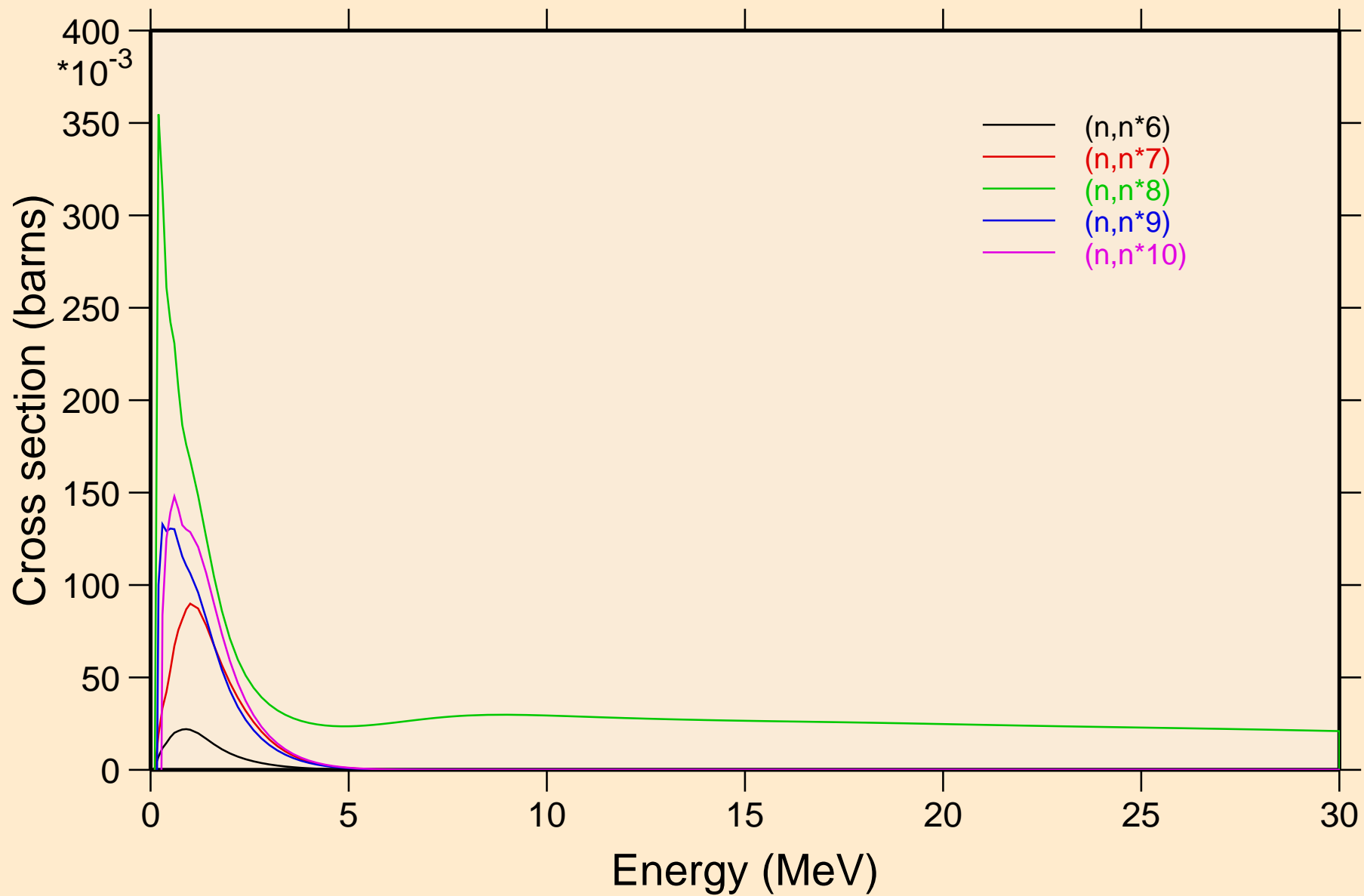
# LA140 NRG TENDL-2015, AKONING

## Inelastic levels



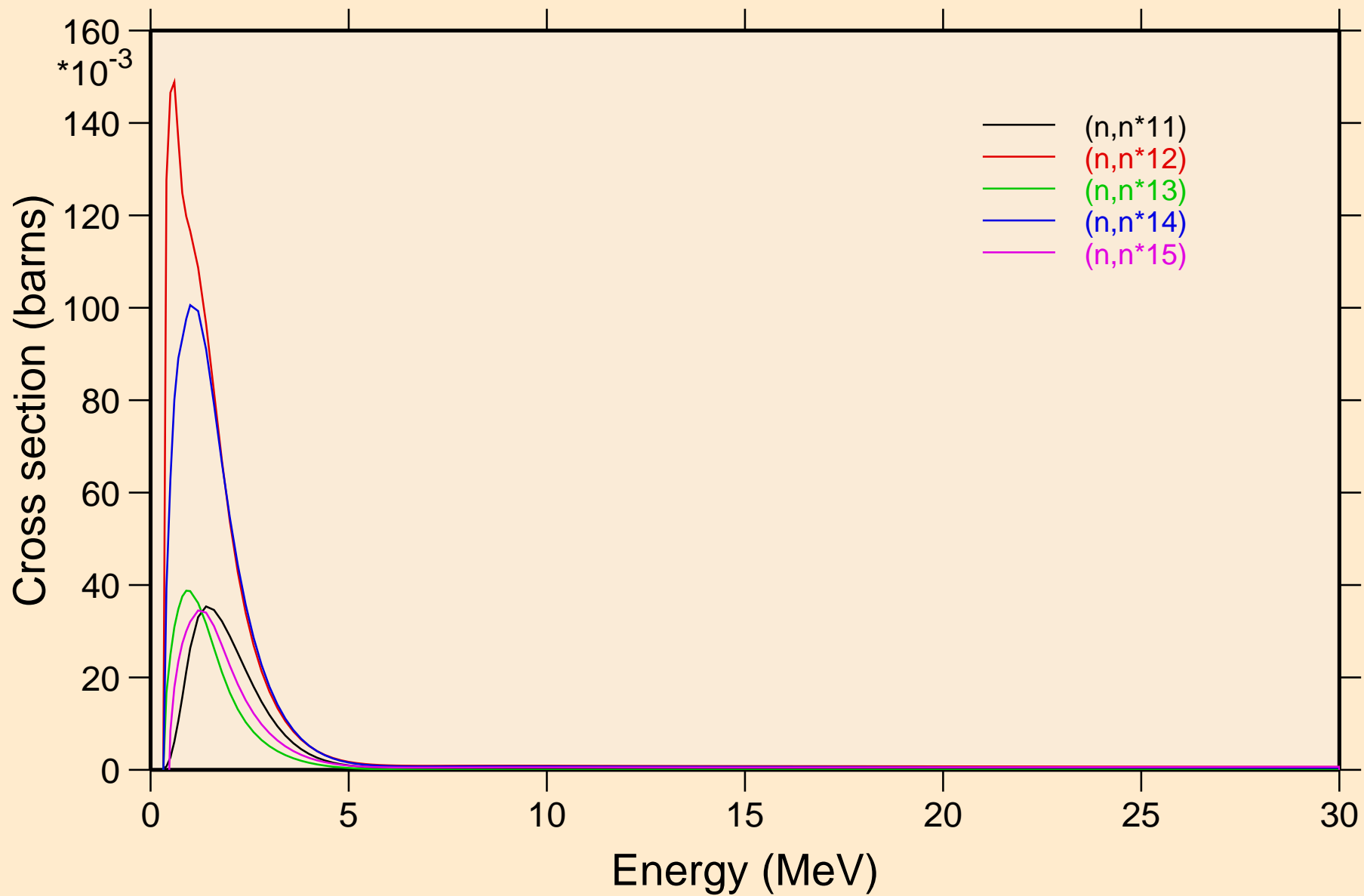
# LA140 NRG TENDL-2015, AKONING

## Inelastic levels



# LA140 NRG TENDL-2015, AKONING

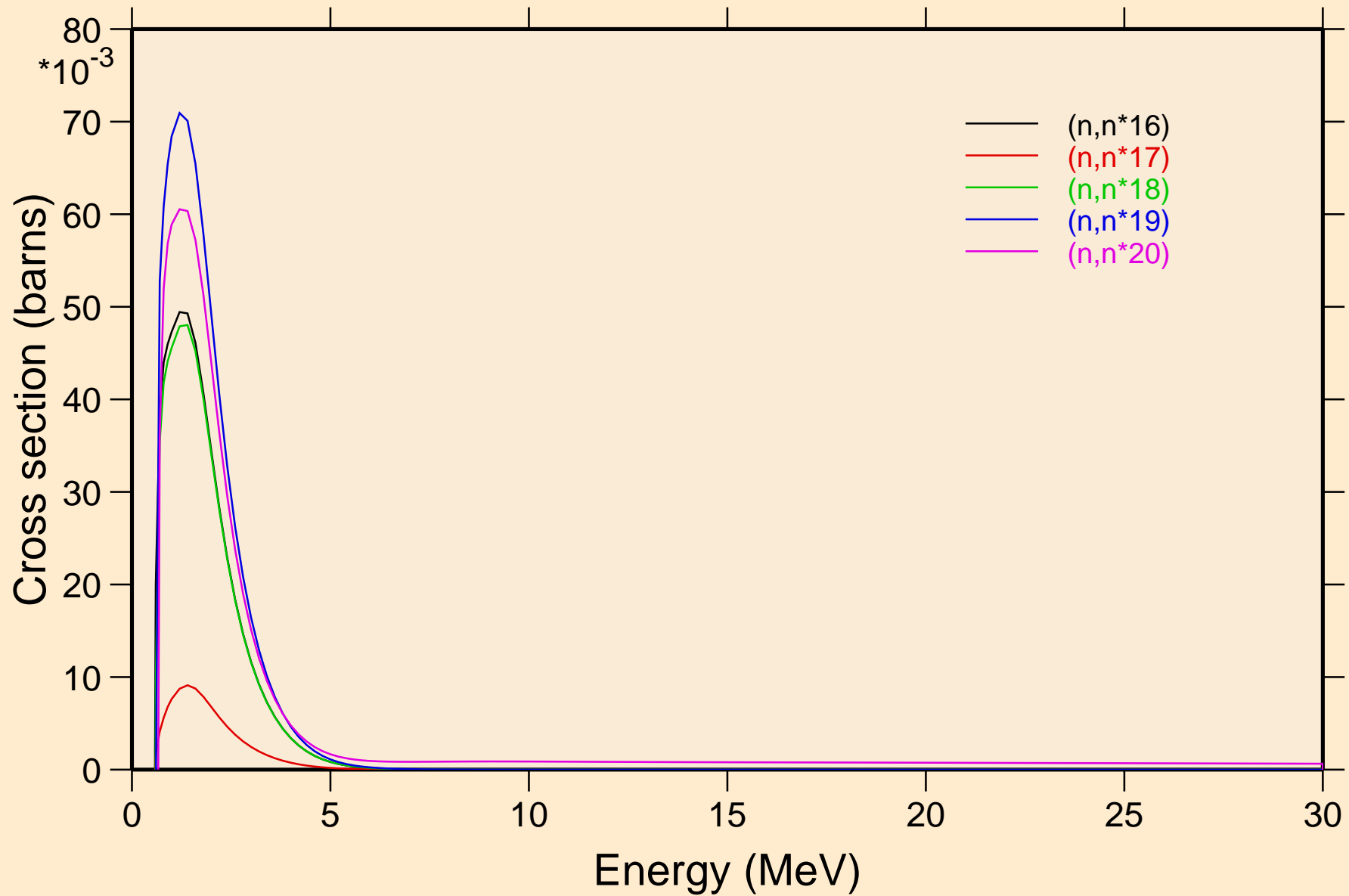
## Inelastic levels





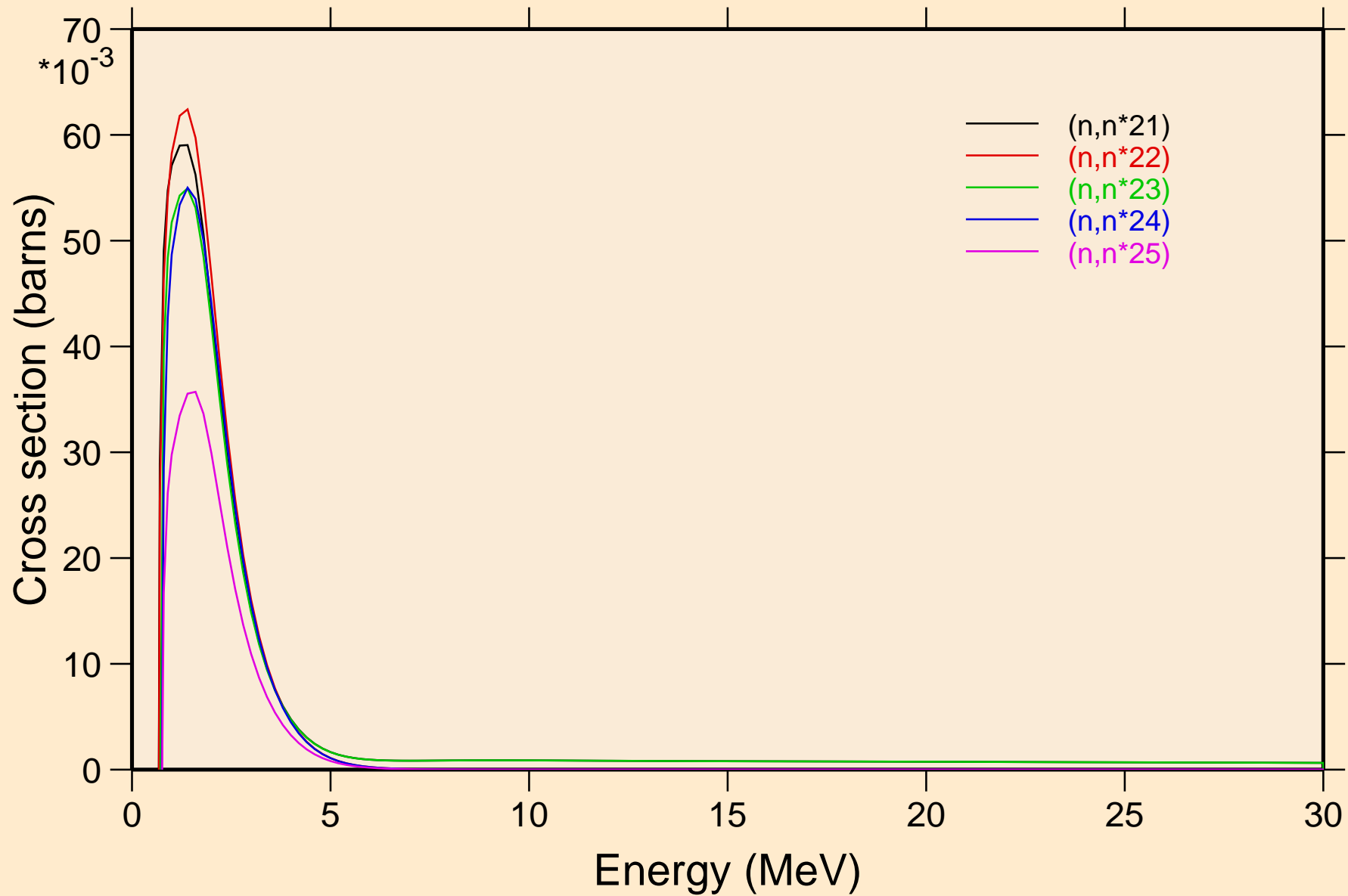
# LA140 NRG TENDL-2015, AKONING

## Inelastic levels

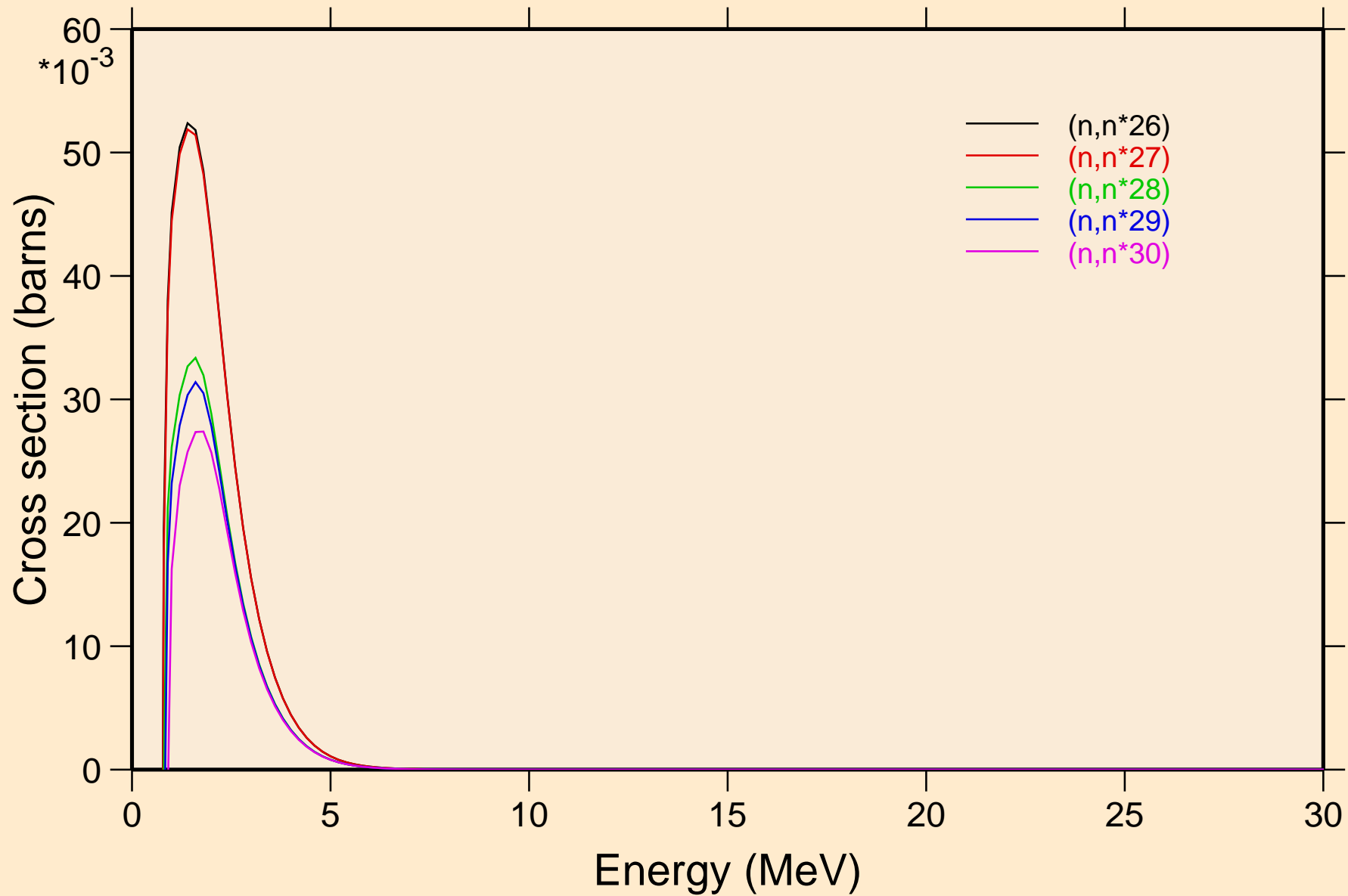


# LA140 NRG TENDL-2015, AKONING

## Inelastic levels

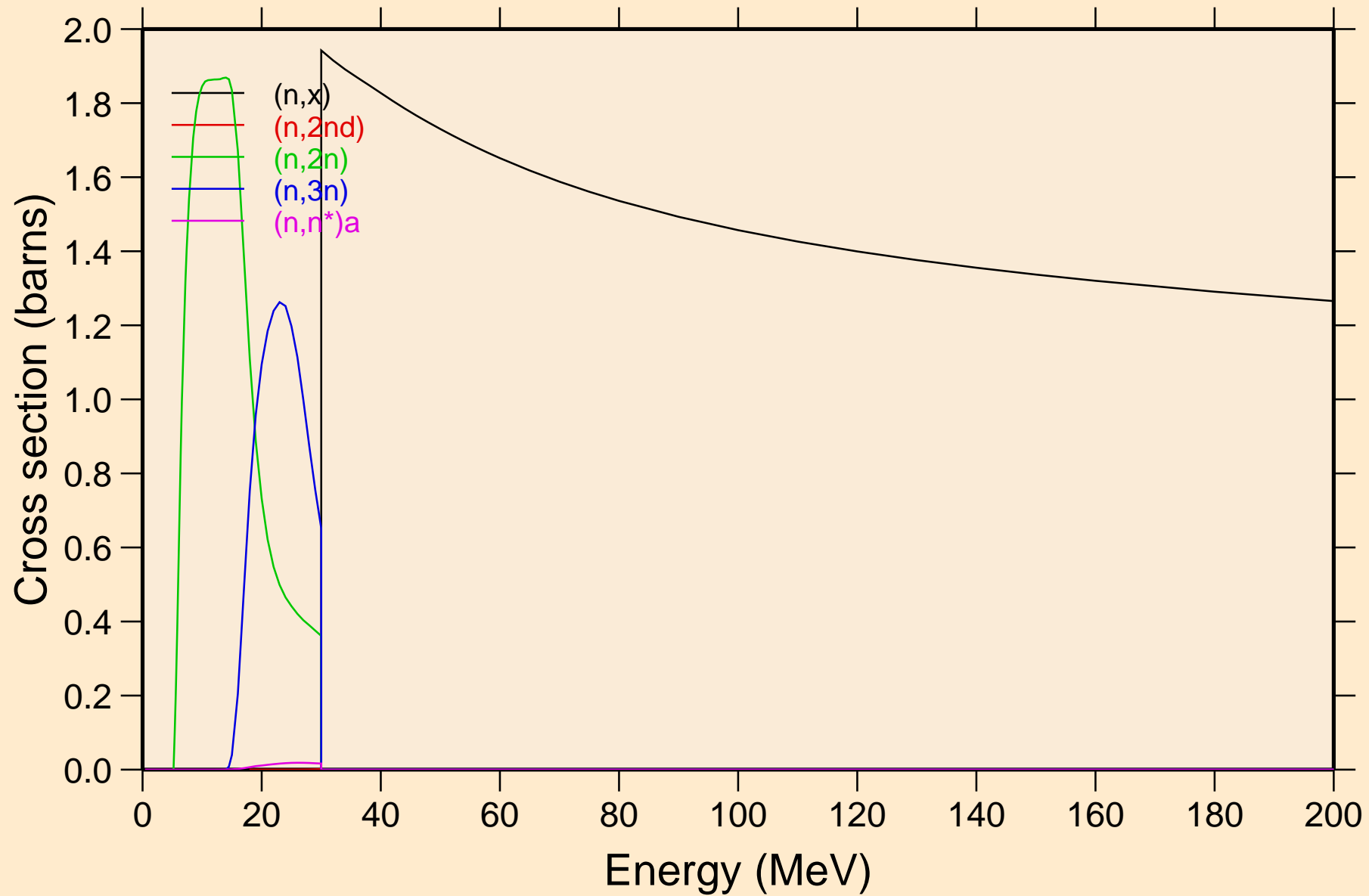


LA140 NRG TENDL-2015, AKONING  
Inelastic levels



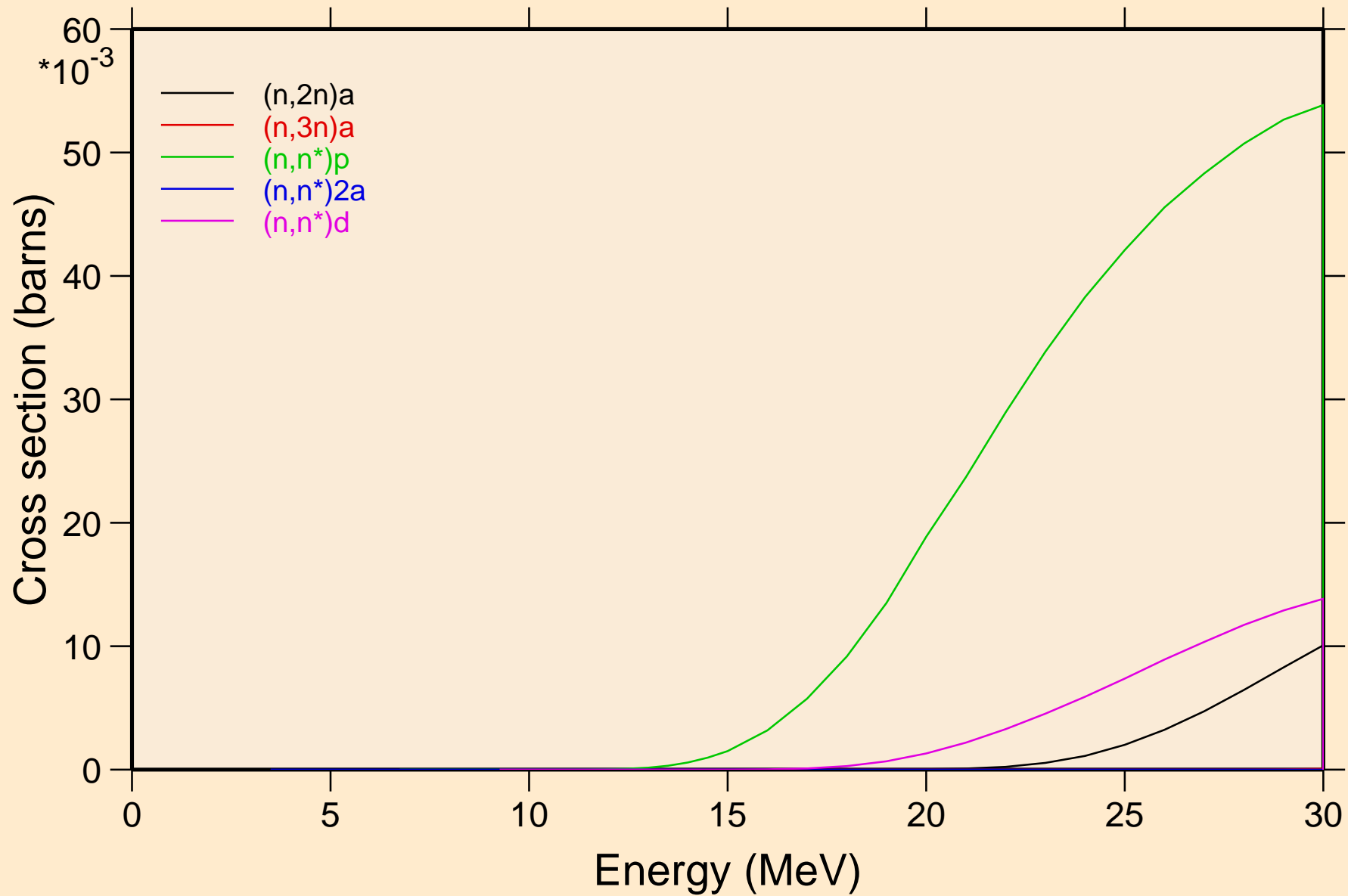
# LA140 NRG TENDL-2015, AKONING

## Threshold reactions



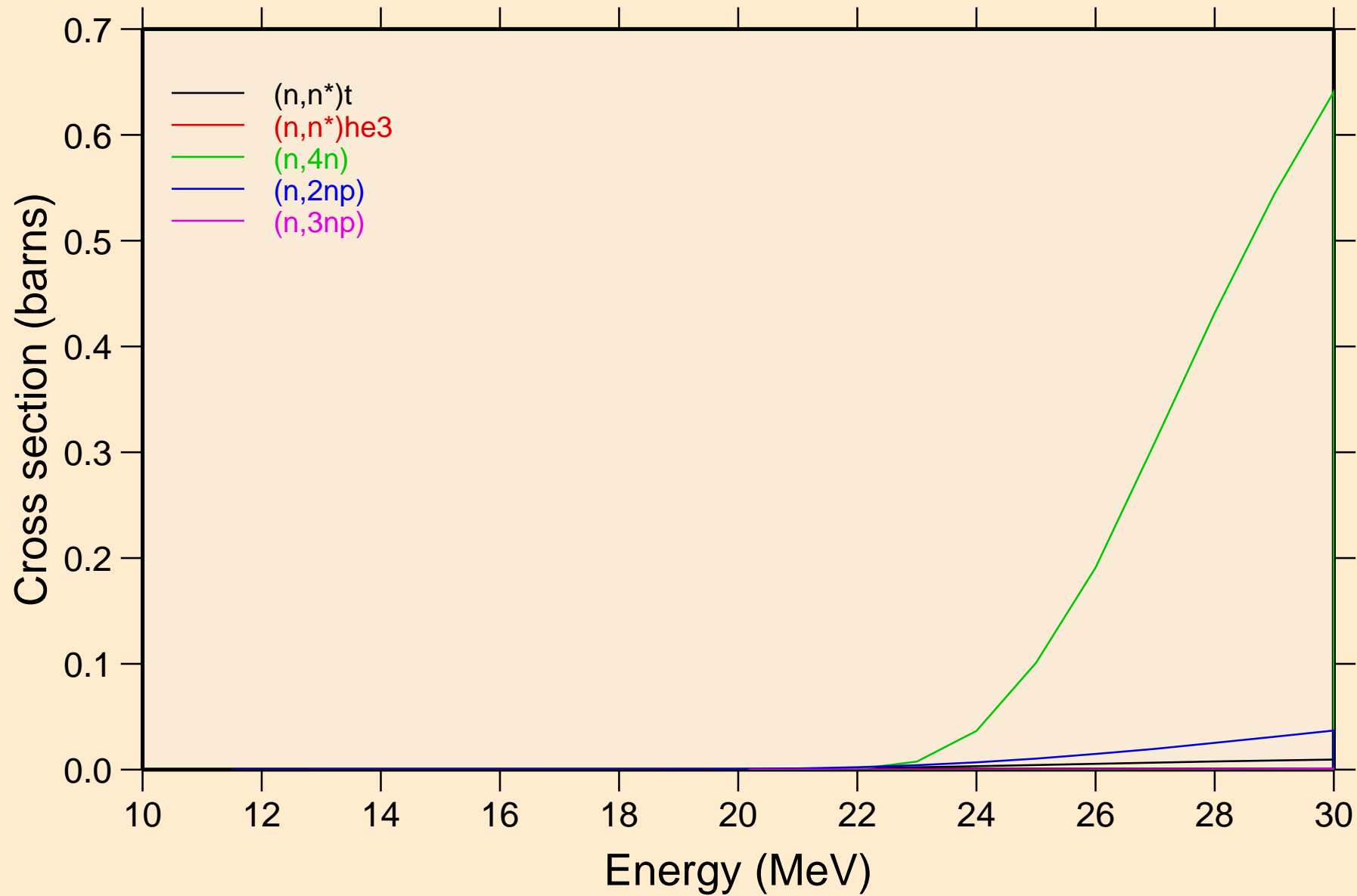
# LA140 NRG TENDL-2015, AKONING

## Threshold reactions



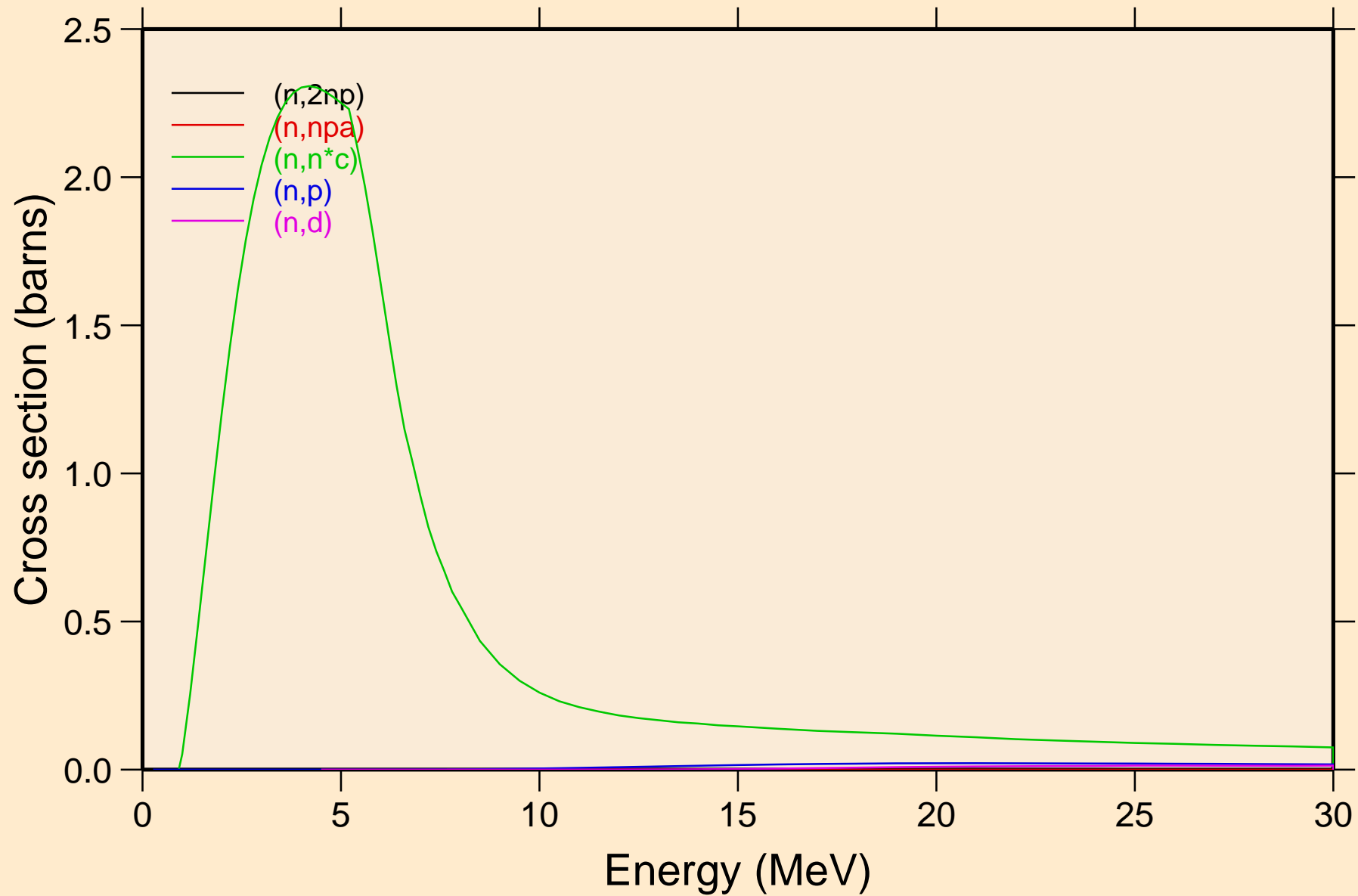
# LA140 NRG TENDL-2015, AKONING

## Threshold reactions



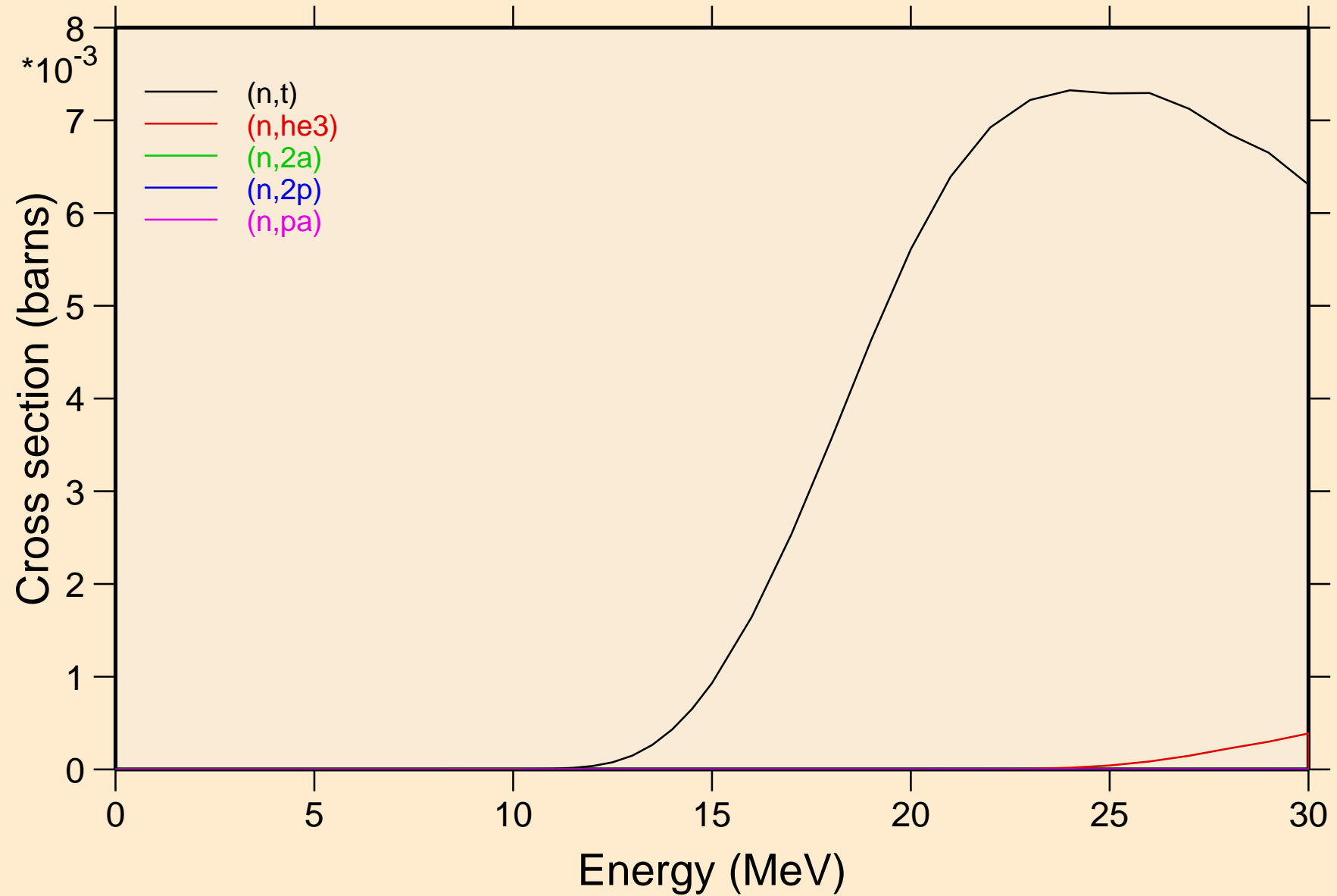
# LA140 NRG TENDL-2015, AKONING

## Threshold reactions



# LA140 NRG TENDL-2015, AKONING

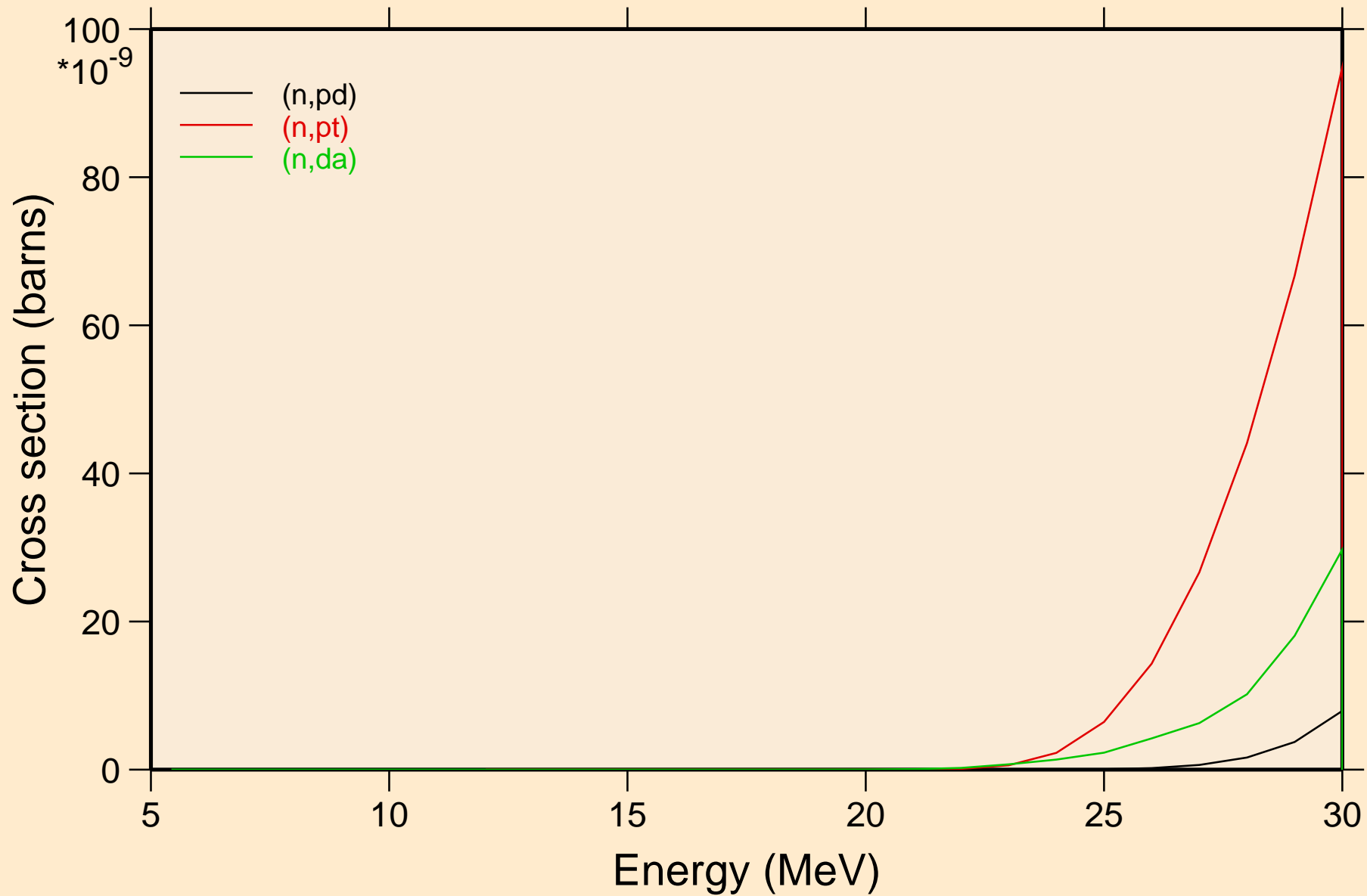
## Threshold reactions



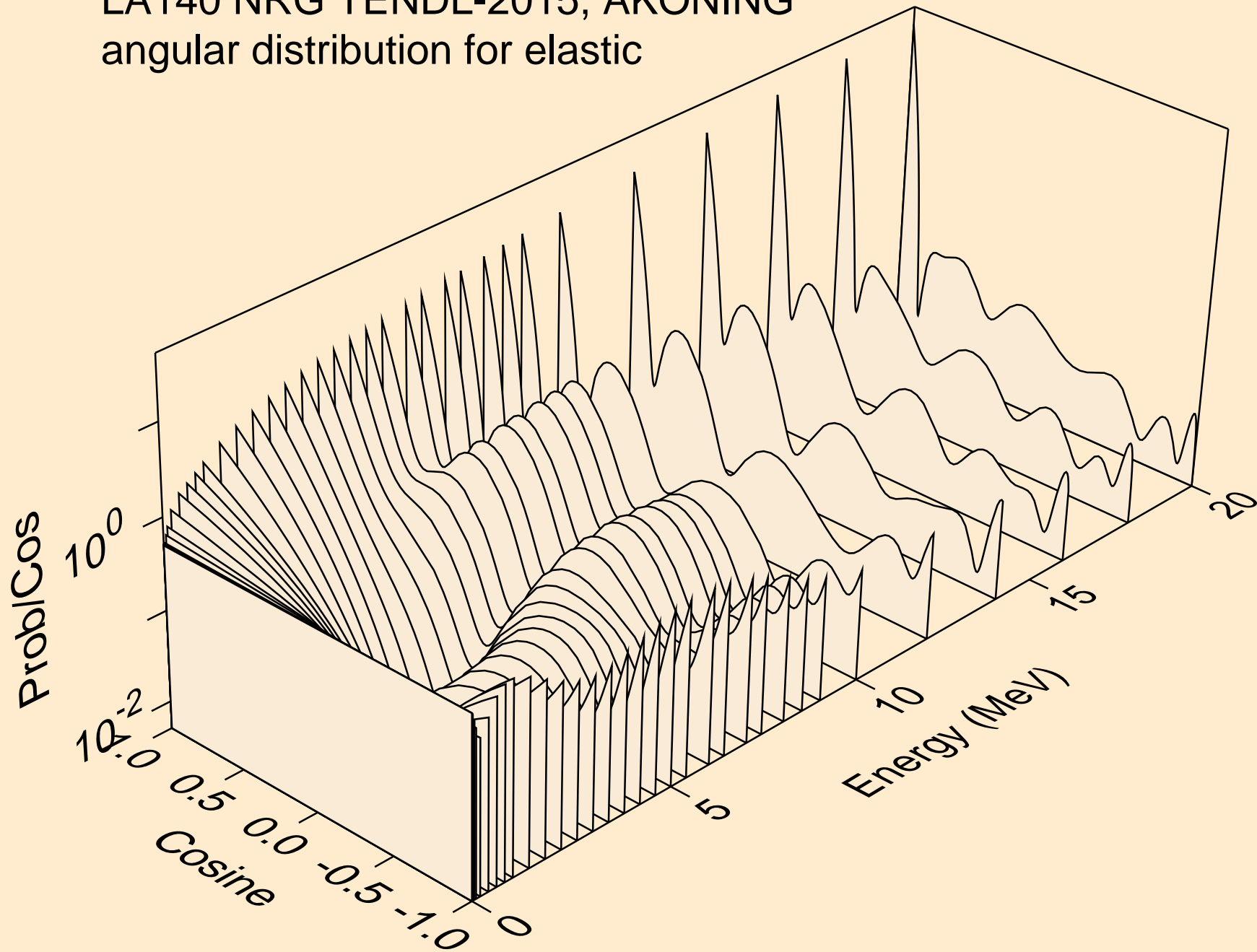


# LA140 NRG TENDL-2015, AKONING

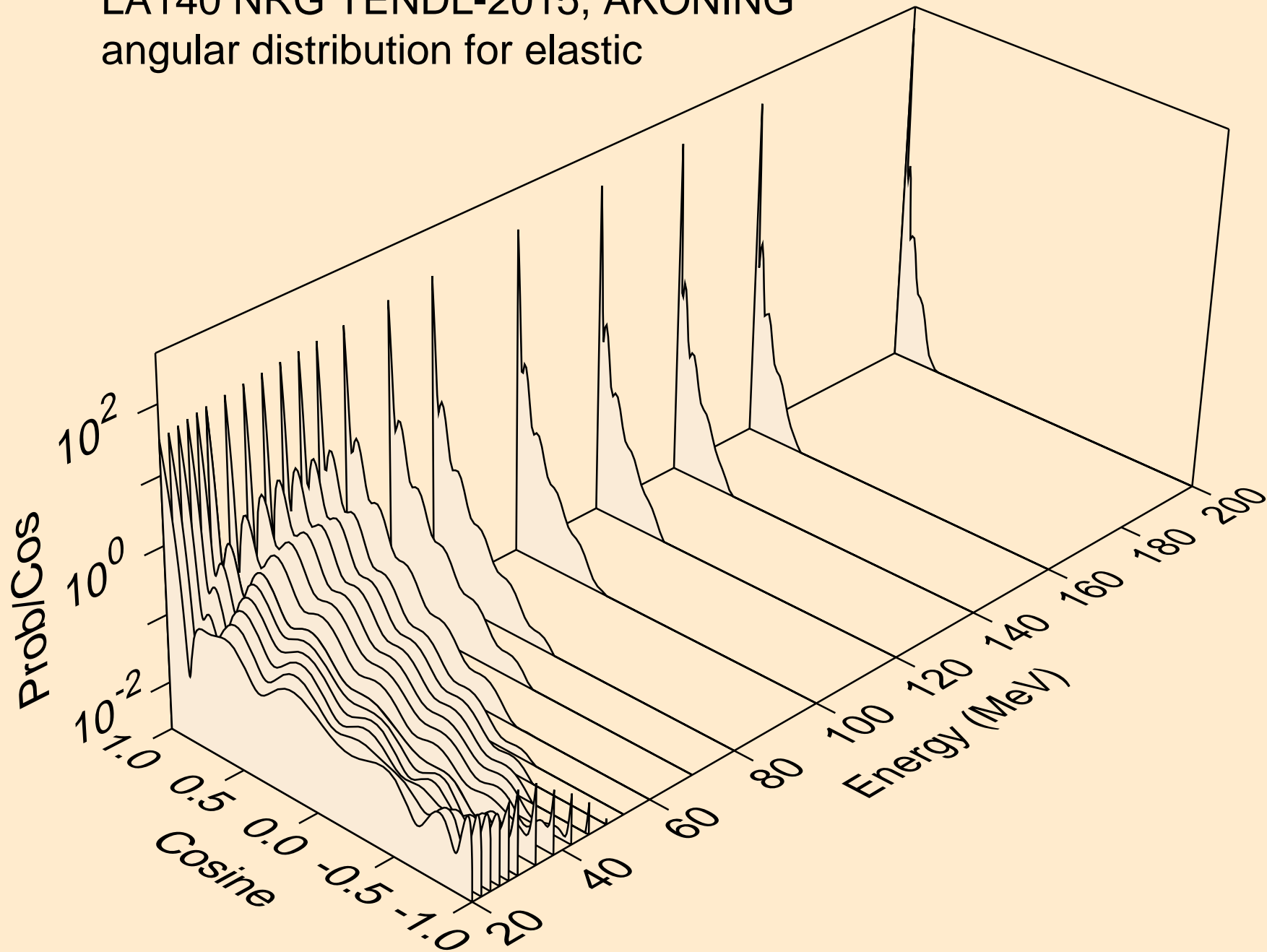
## Threshold reactions



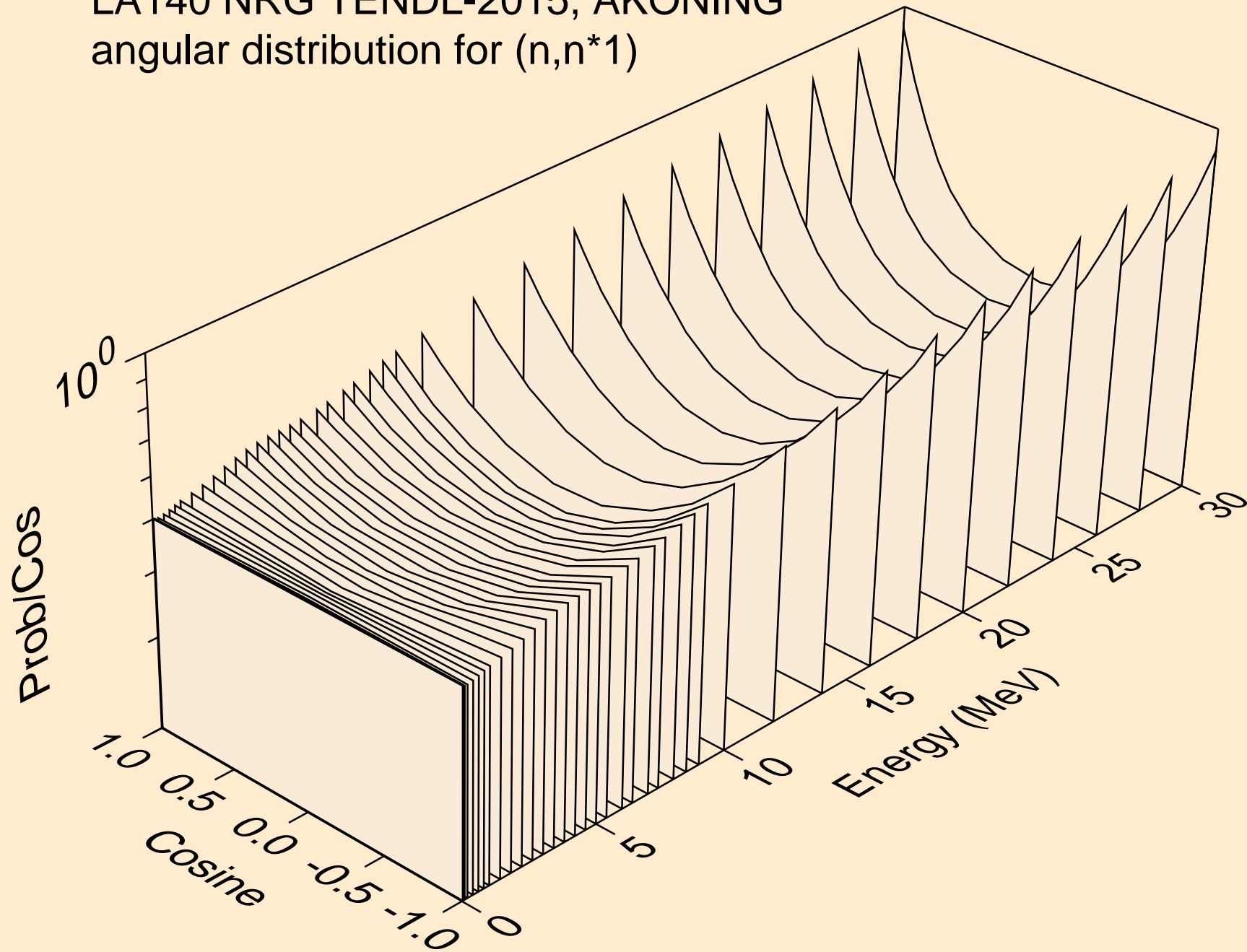
LA140 NRG TENDL-2015, AKONING  
angular distribution for elastic



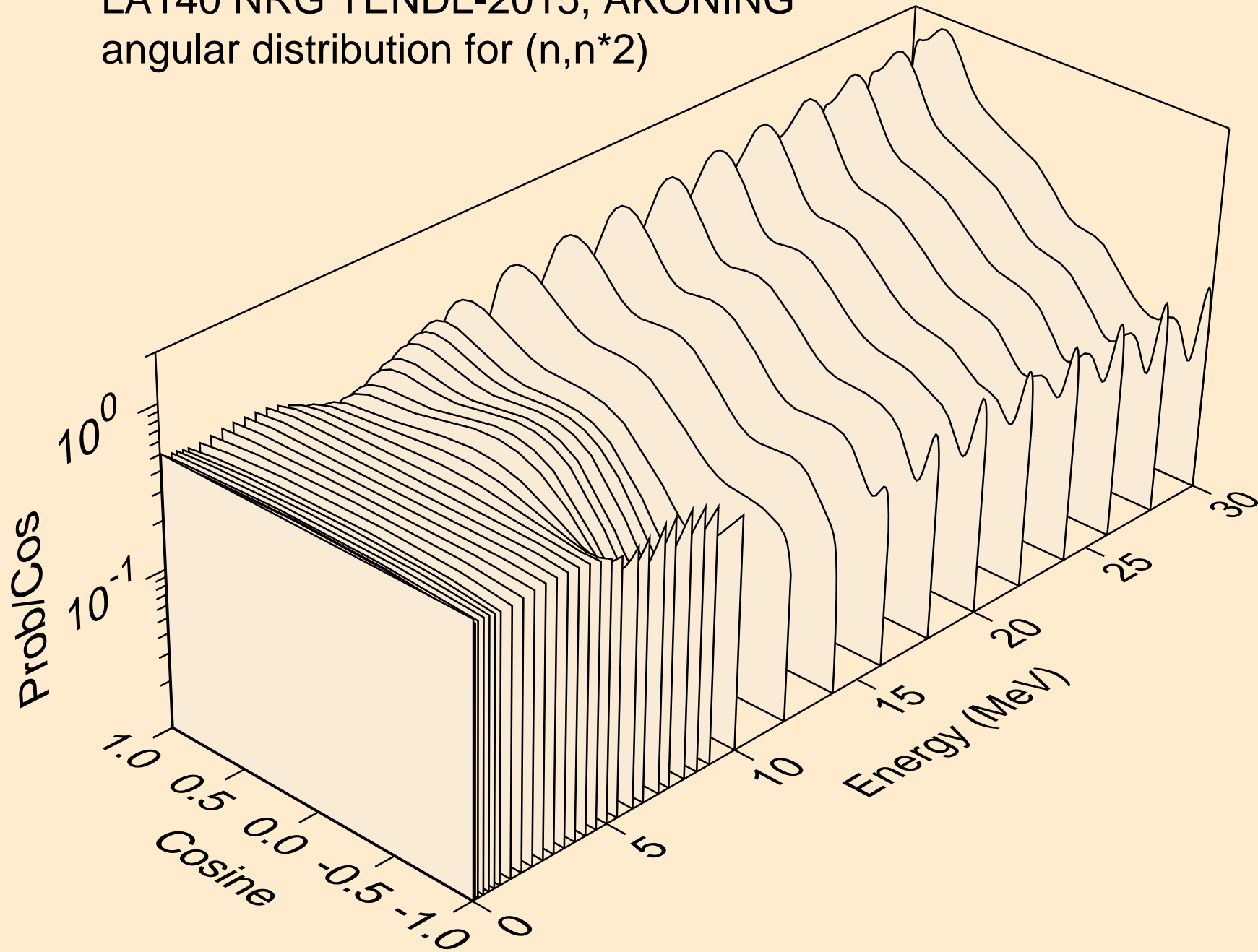
LA140 NRG TENDL-2015, AKONING  
angular distribution for elastic



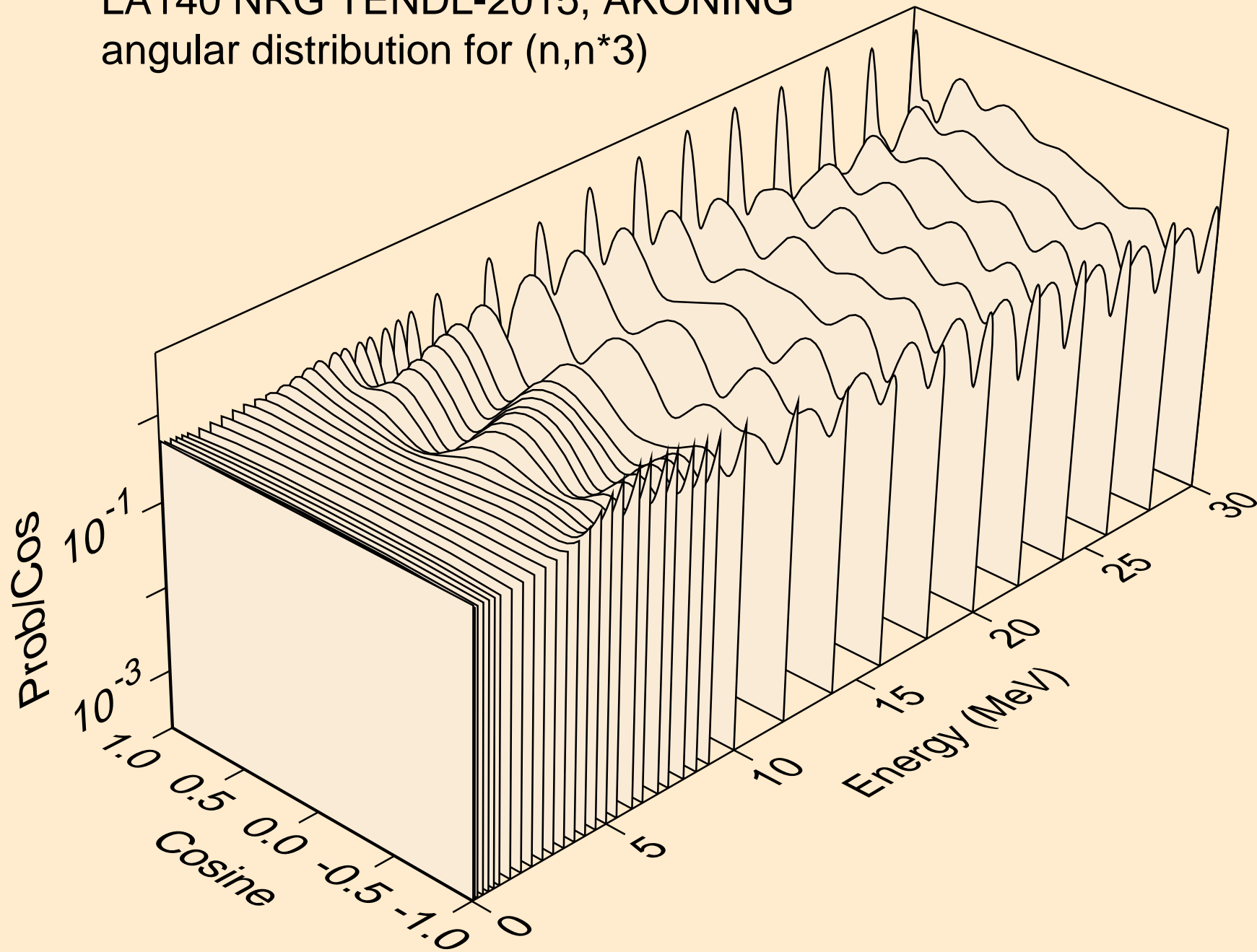
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



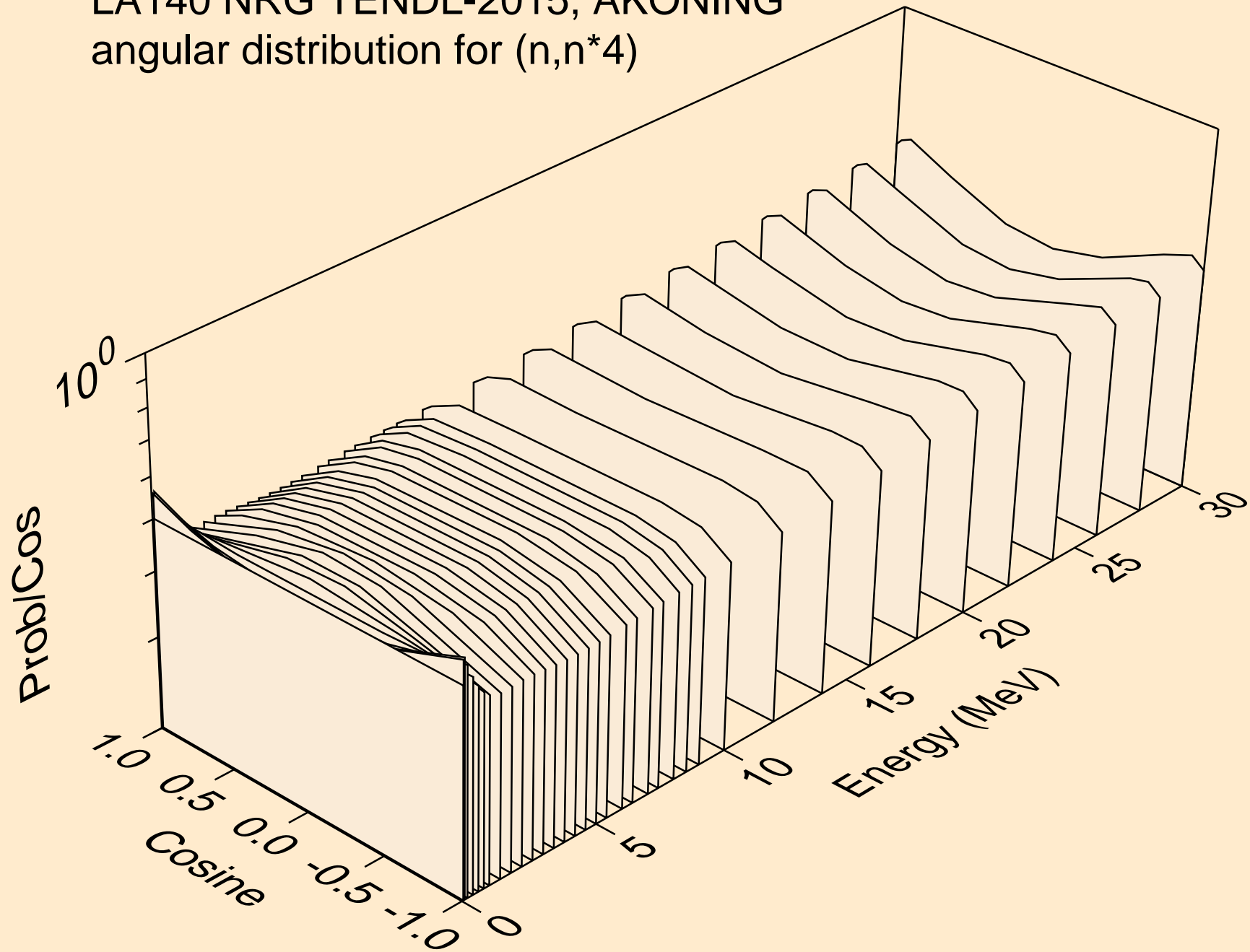
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



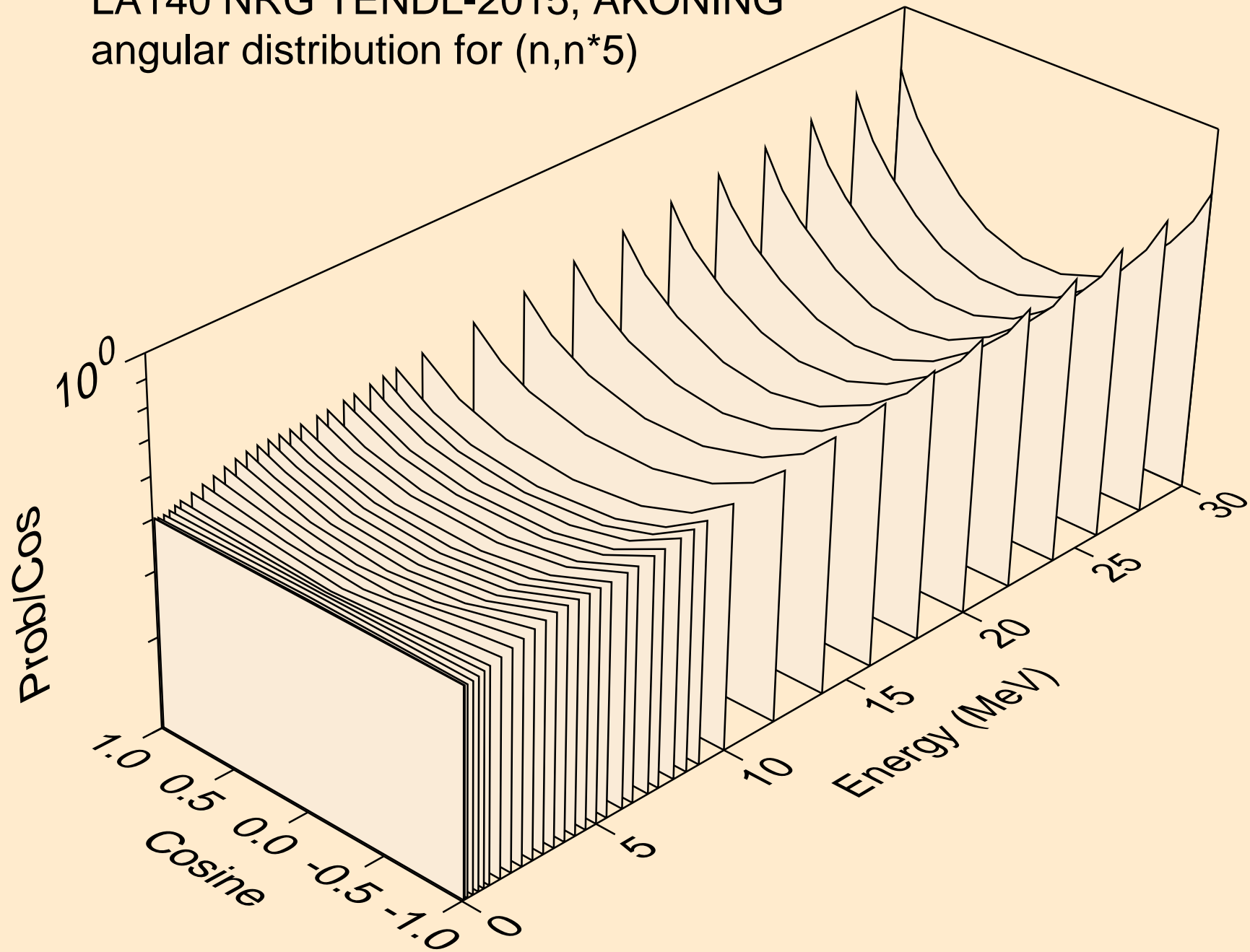
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

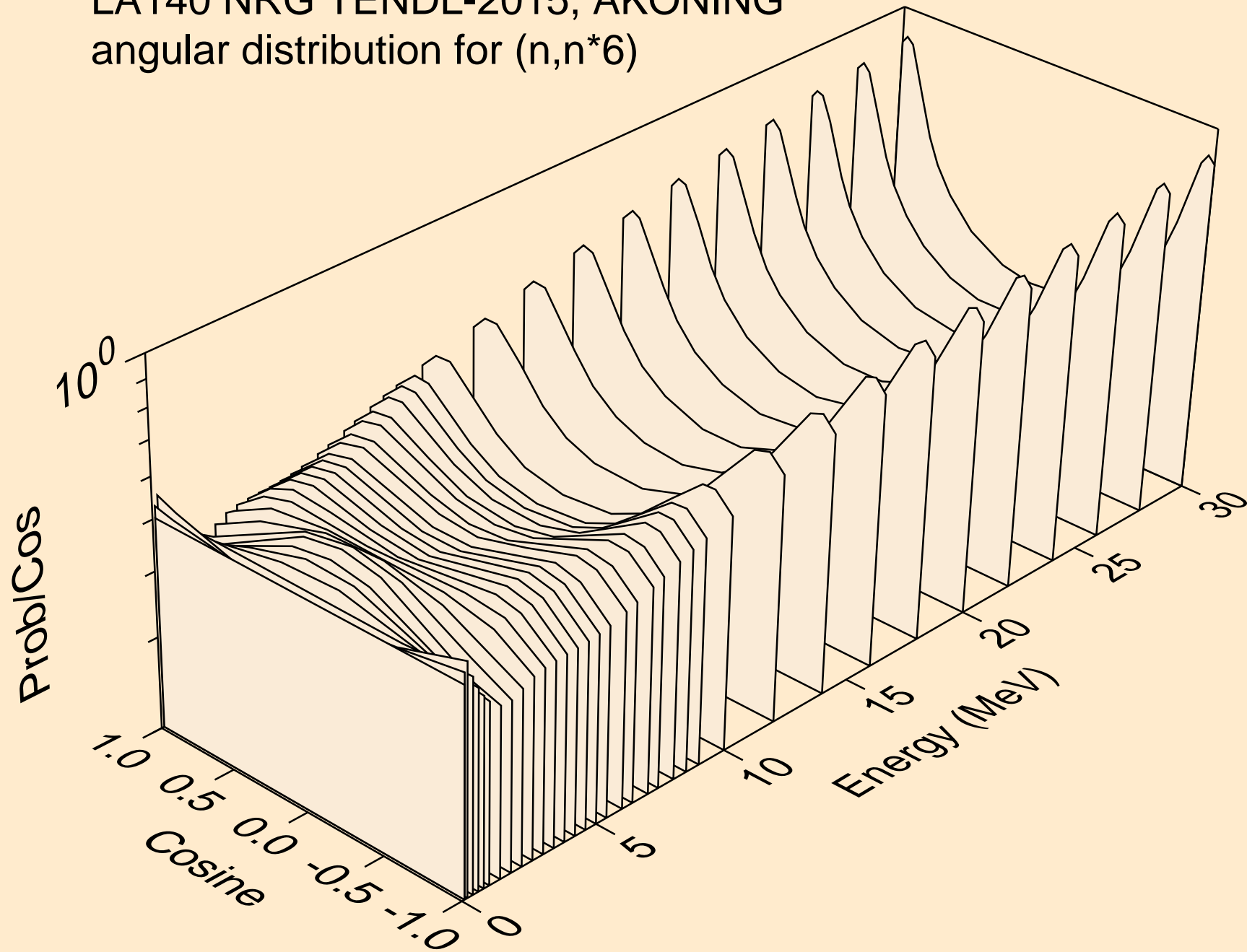


LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

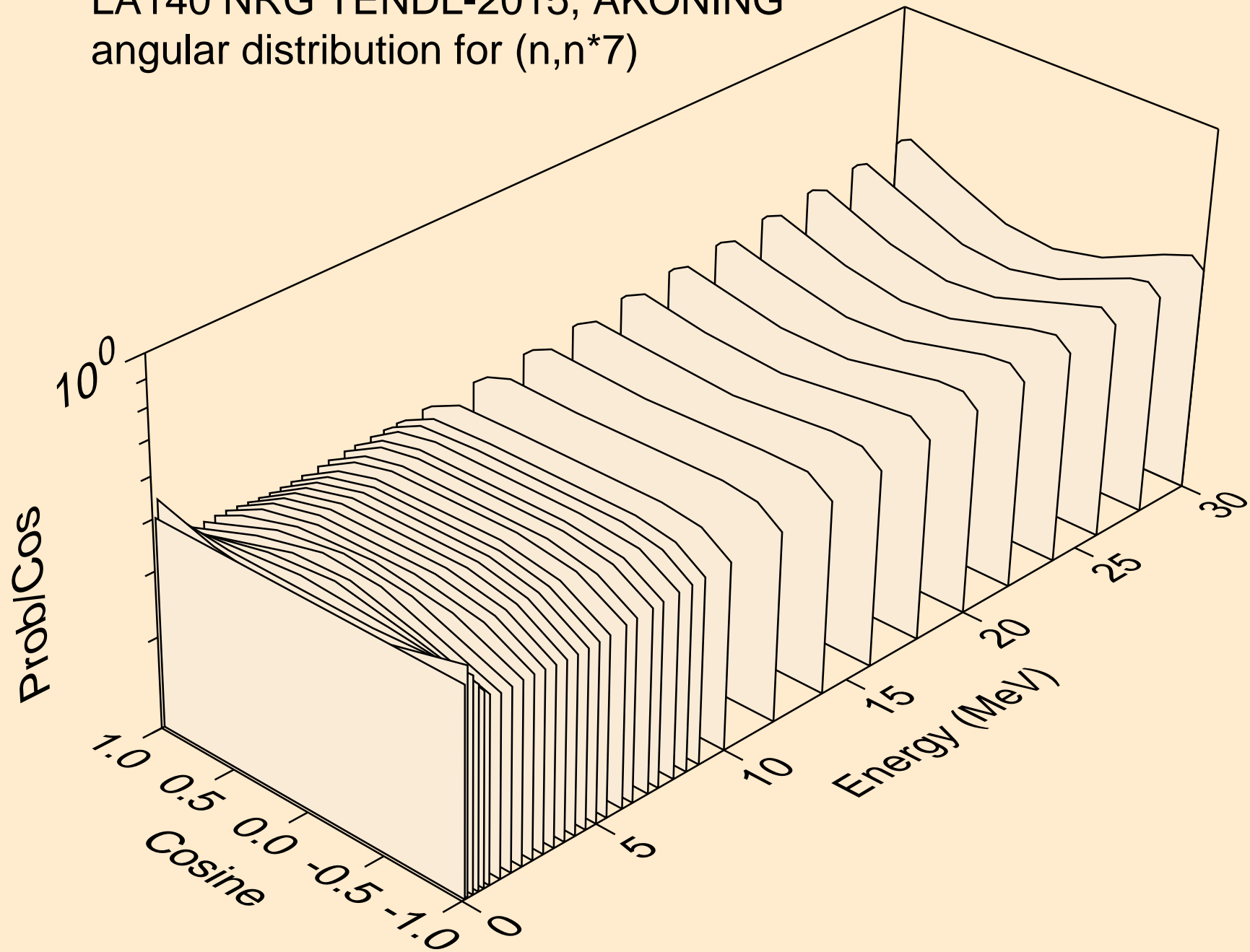




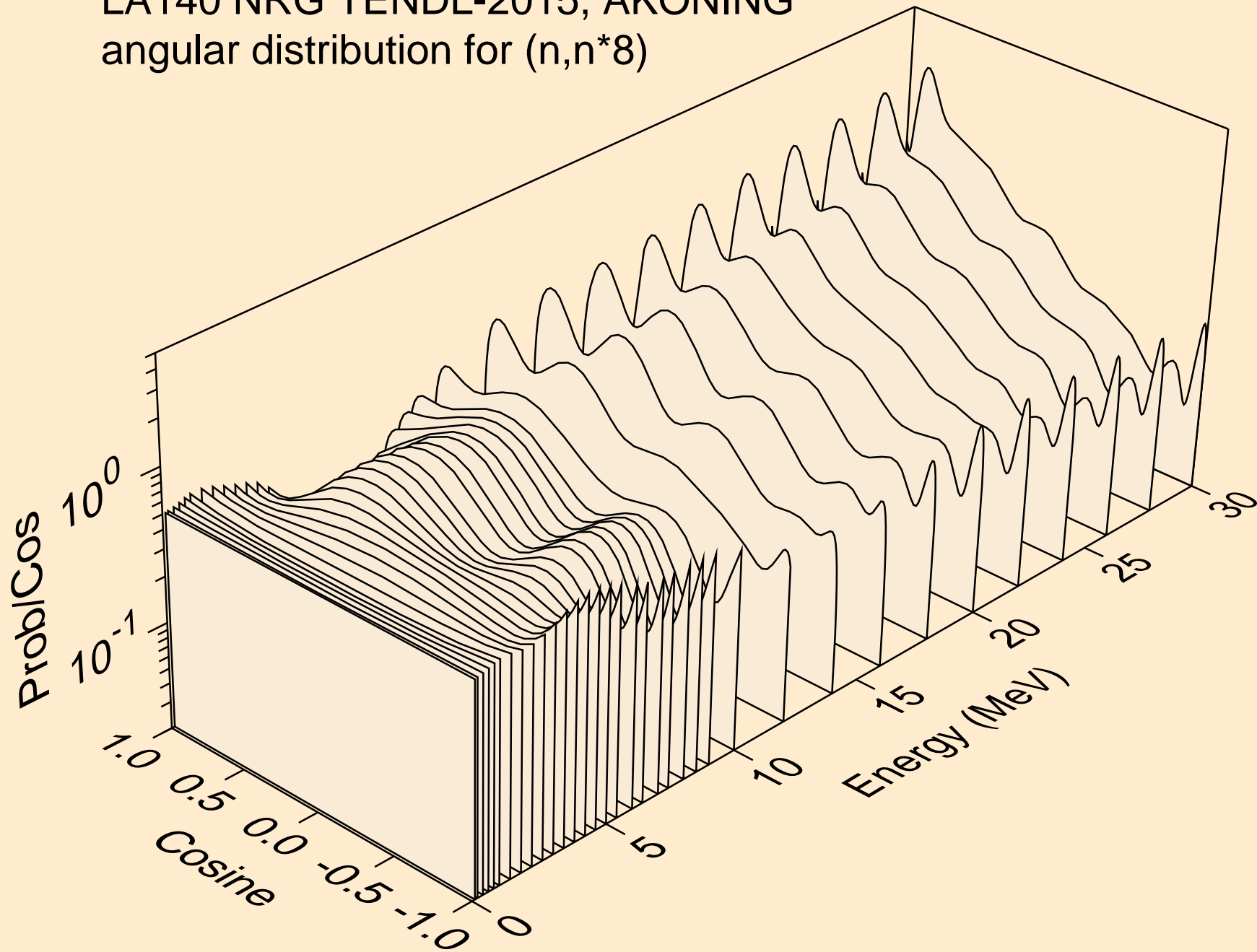
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



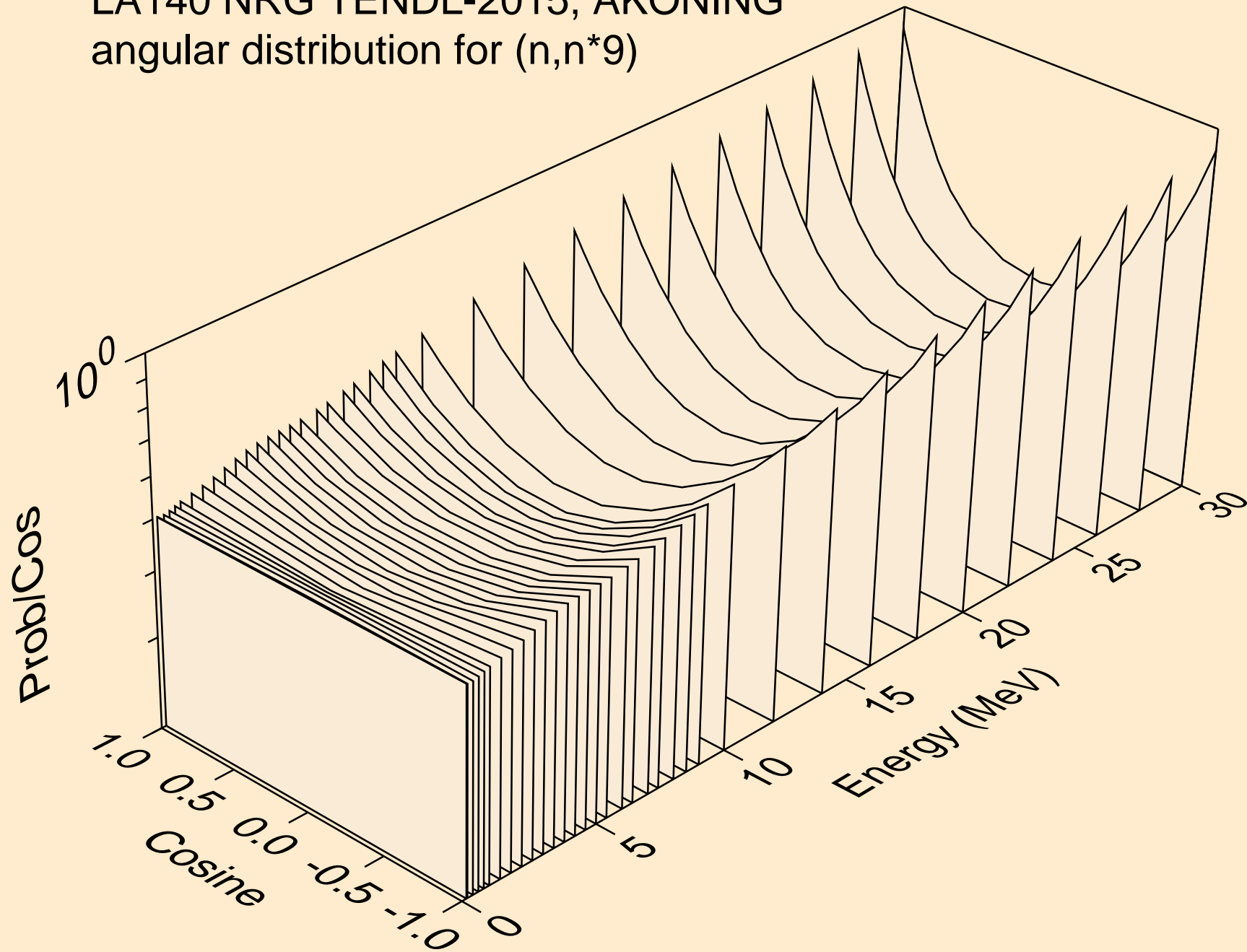
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



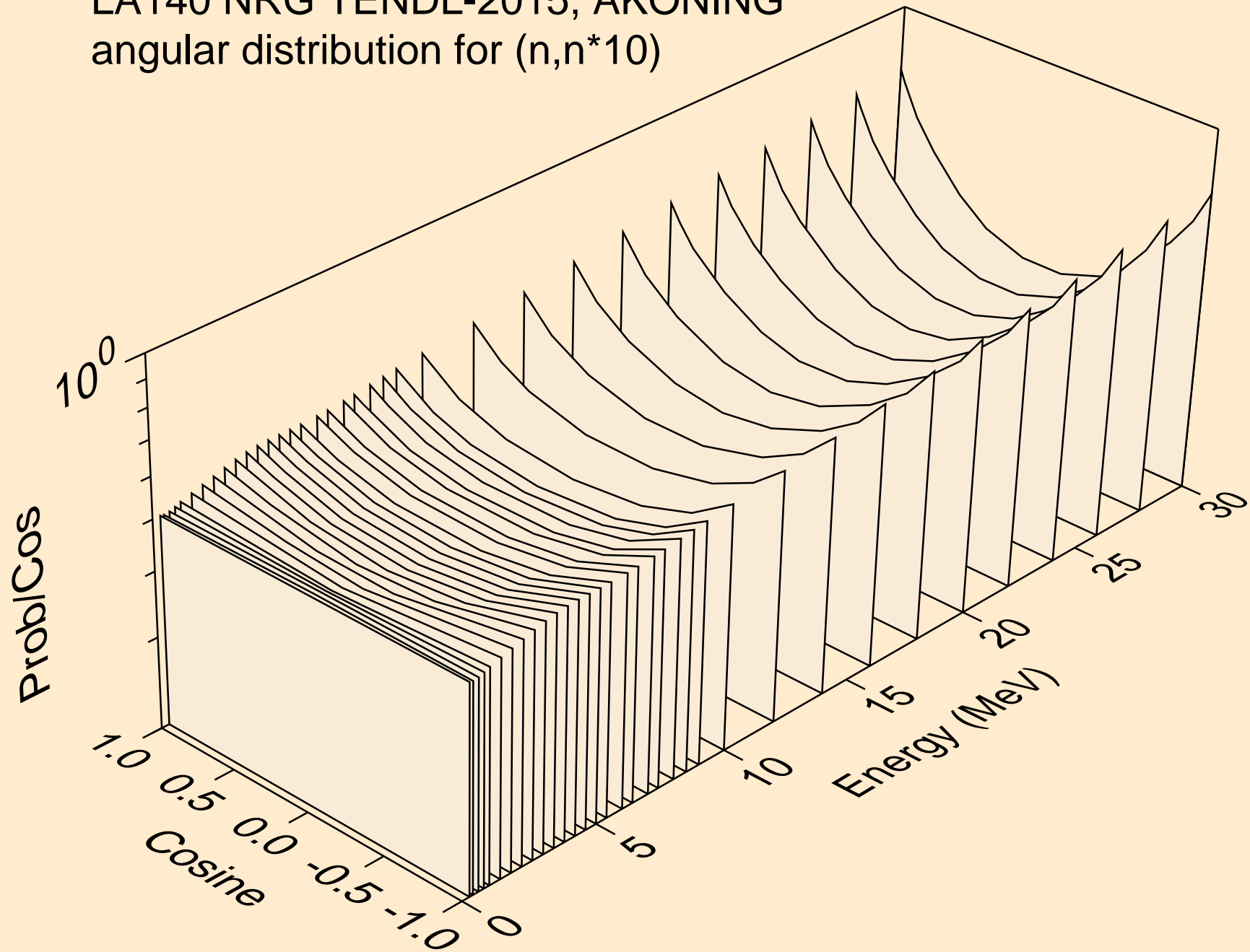
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



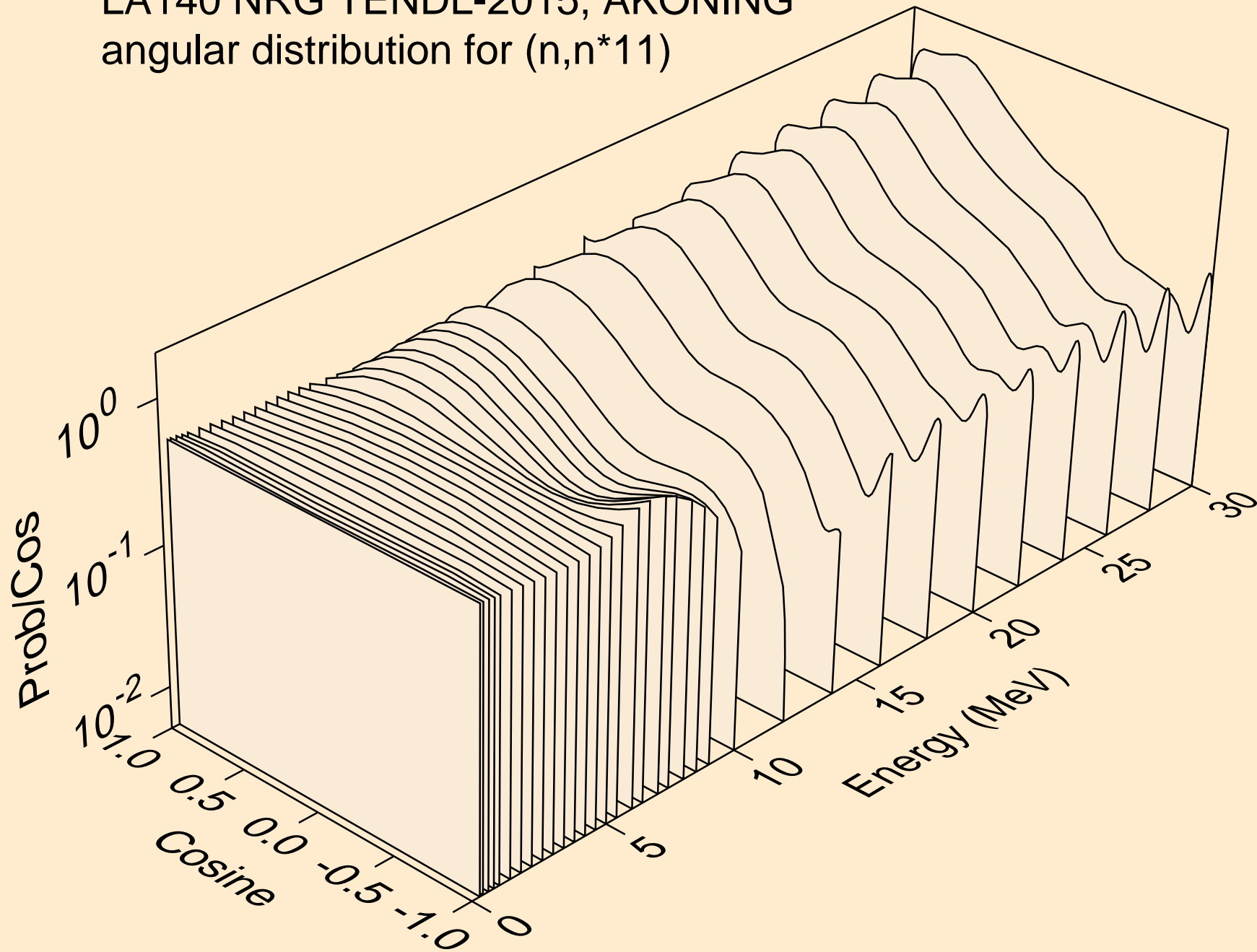
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



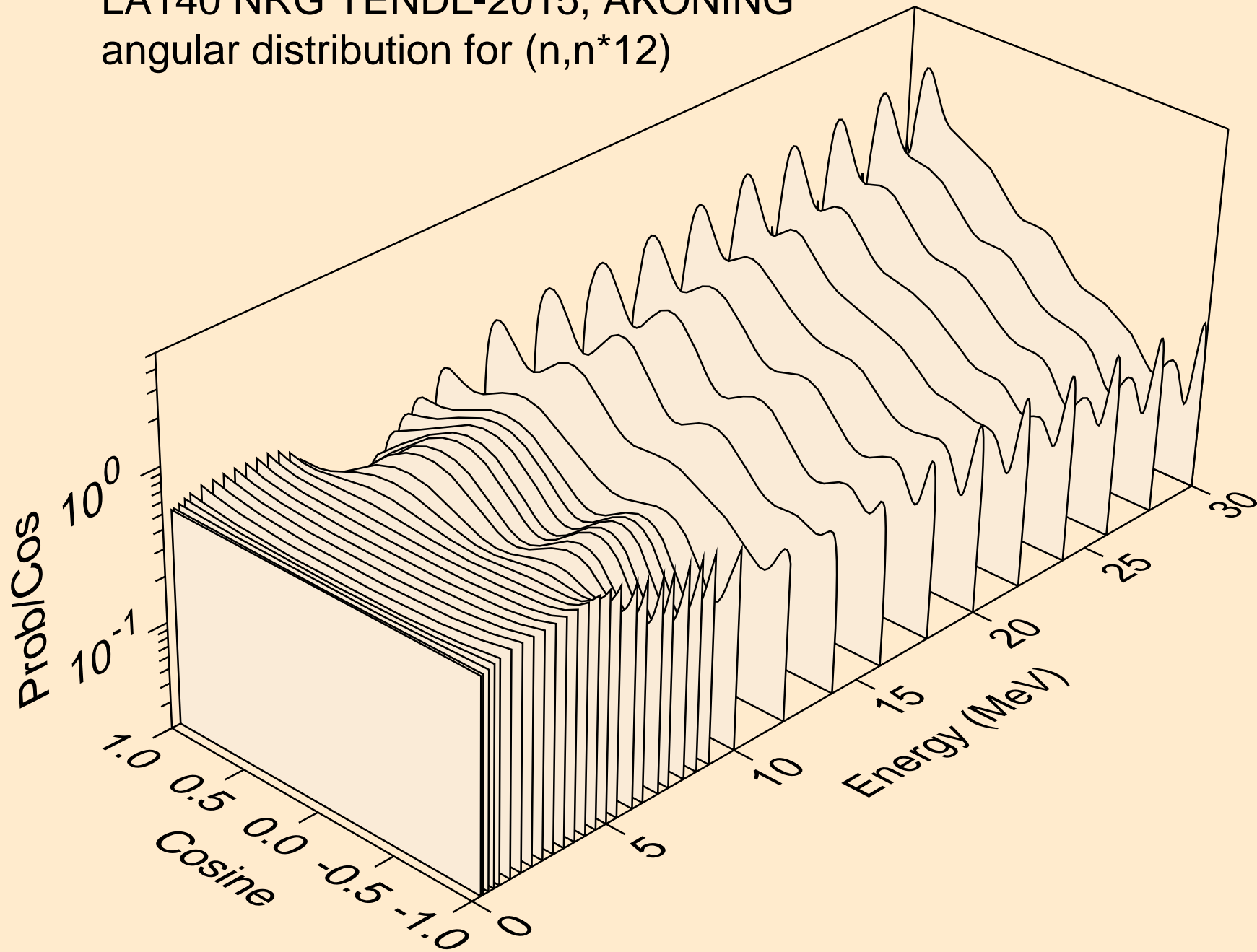
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



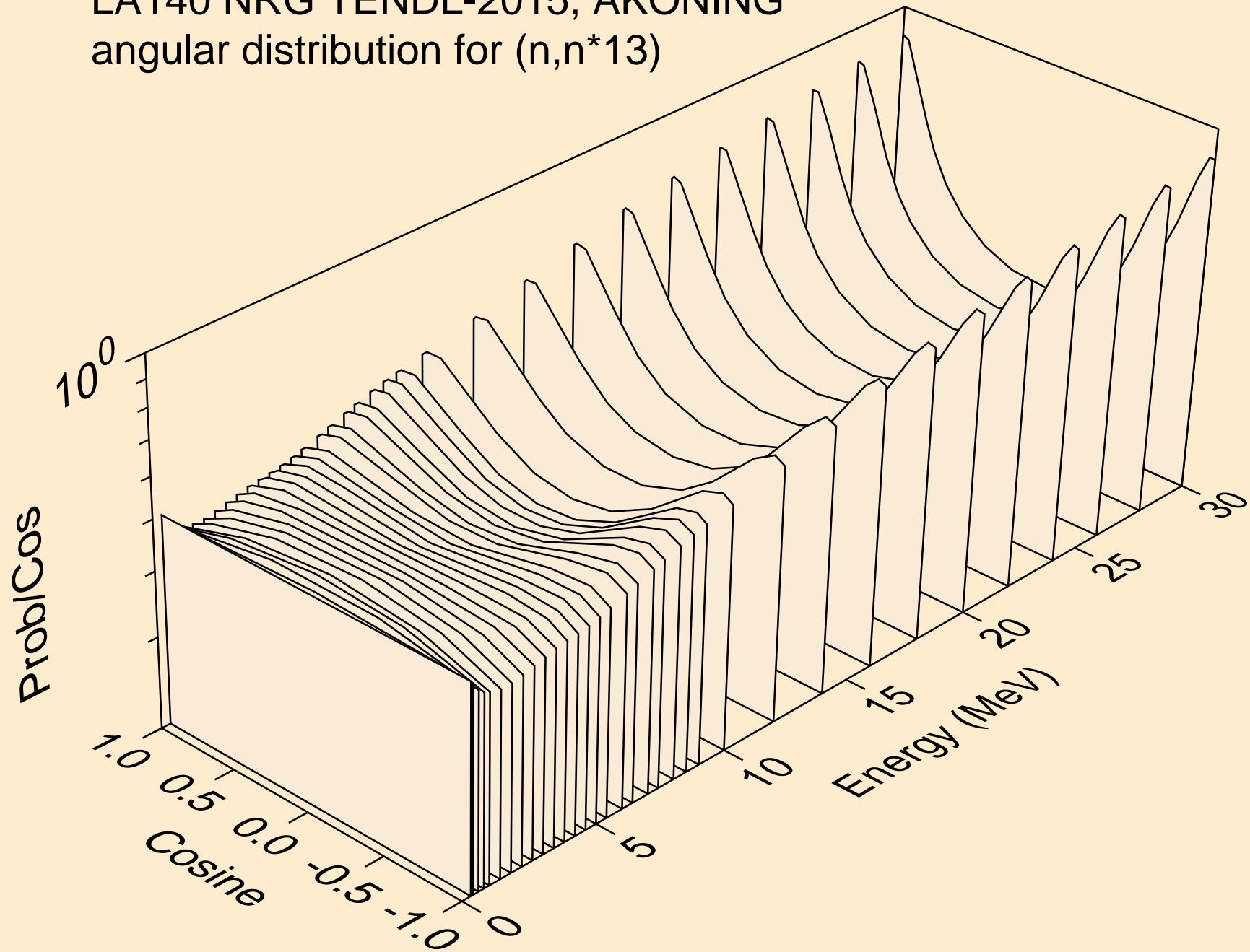
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

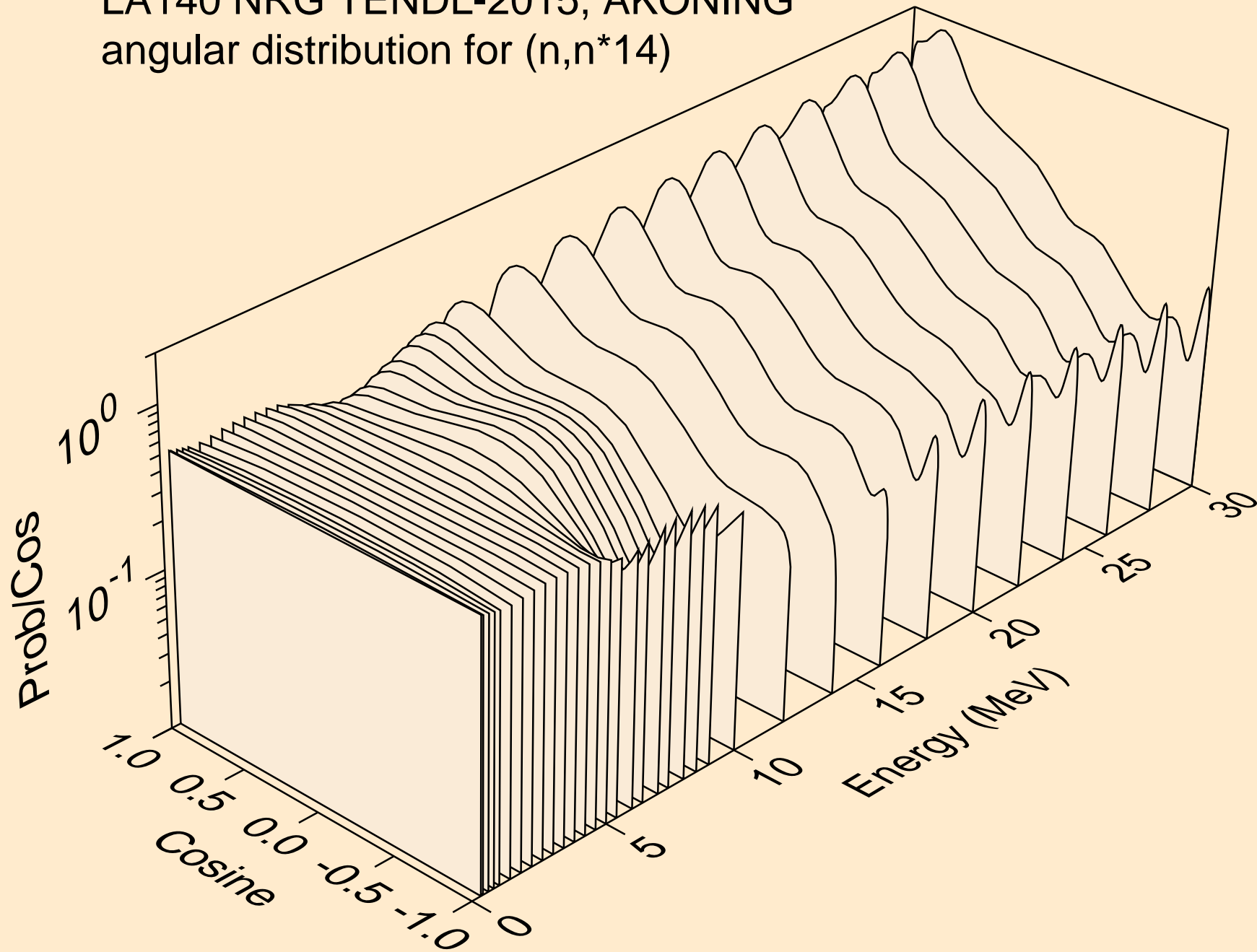


LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

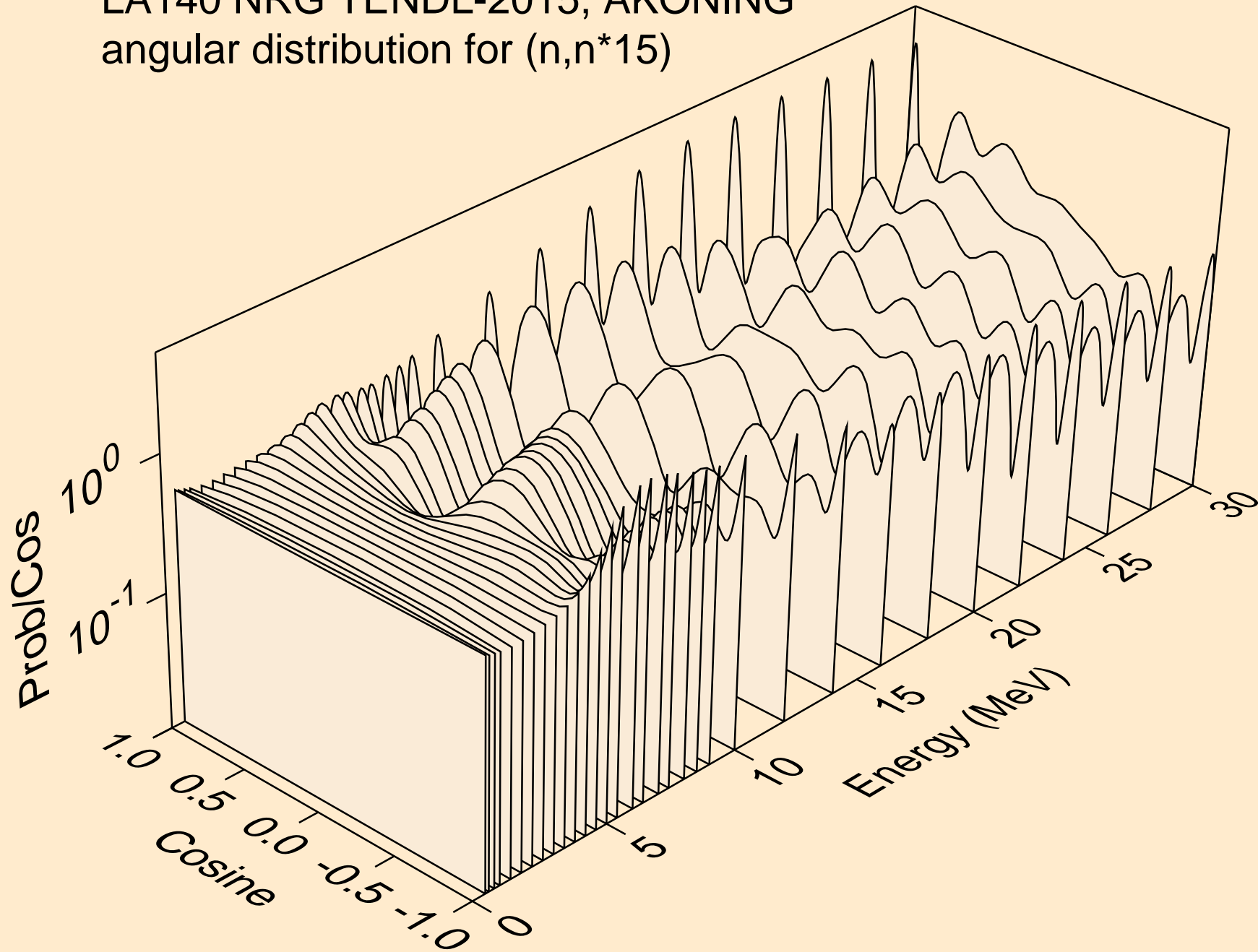




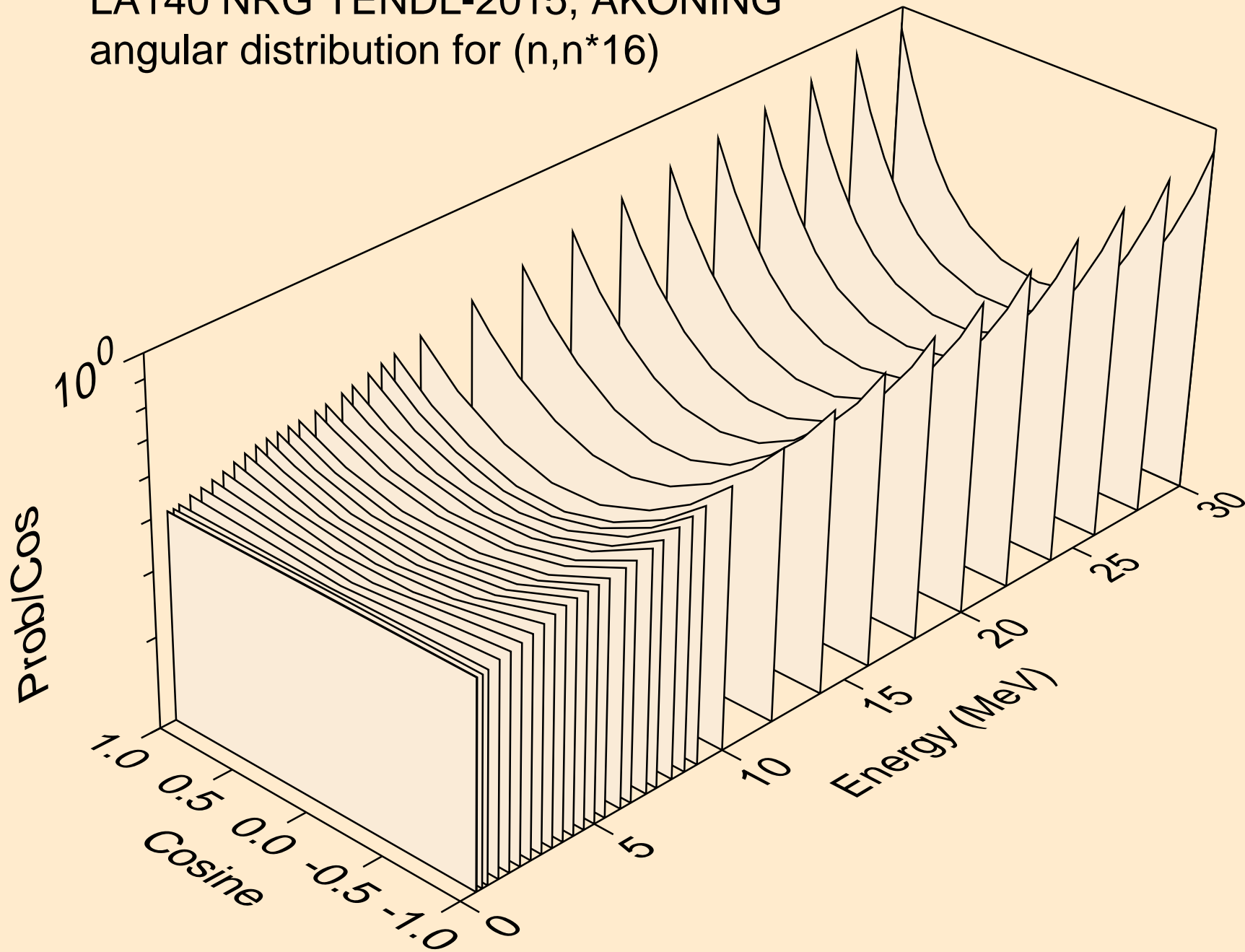
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



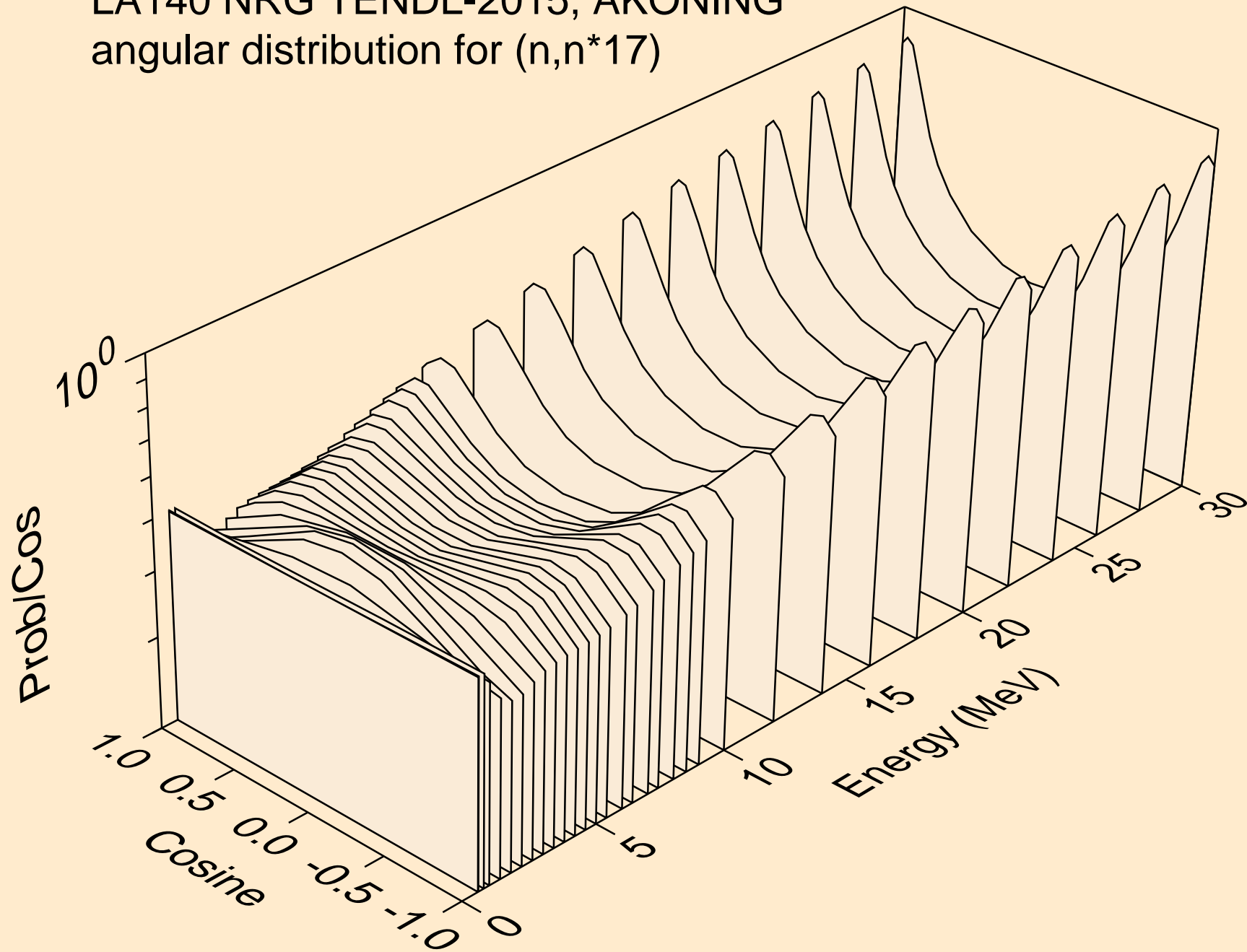
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



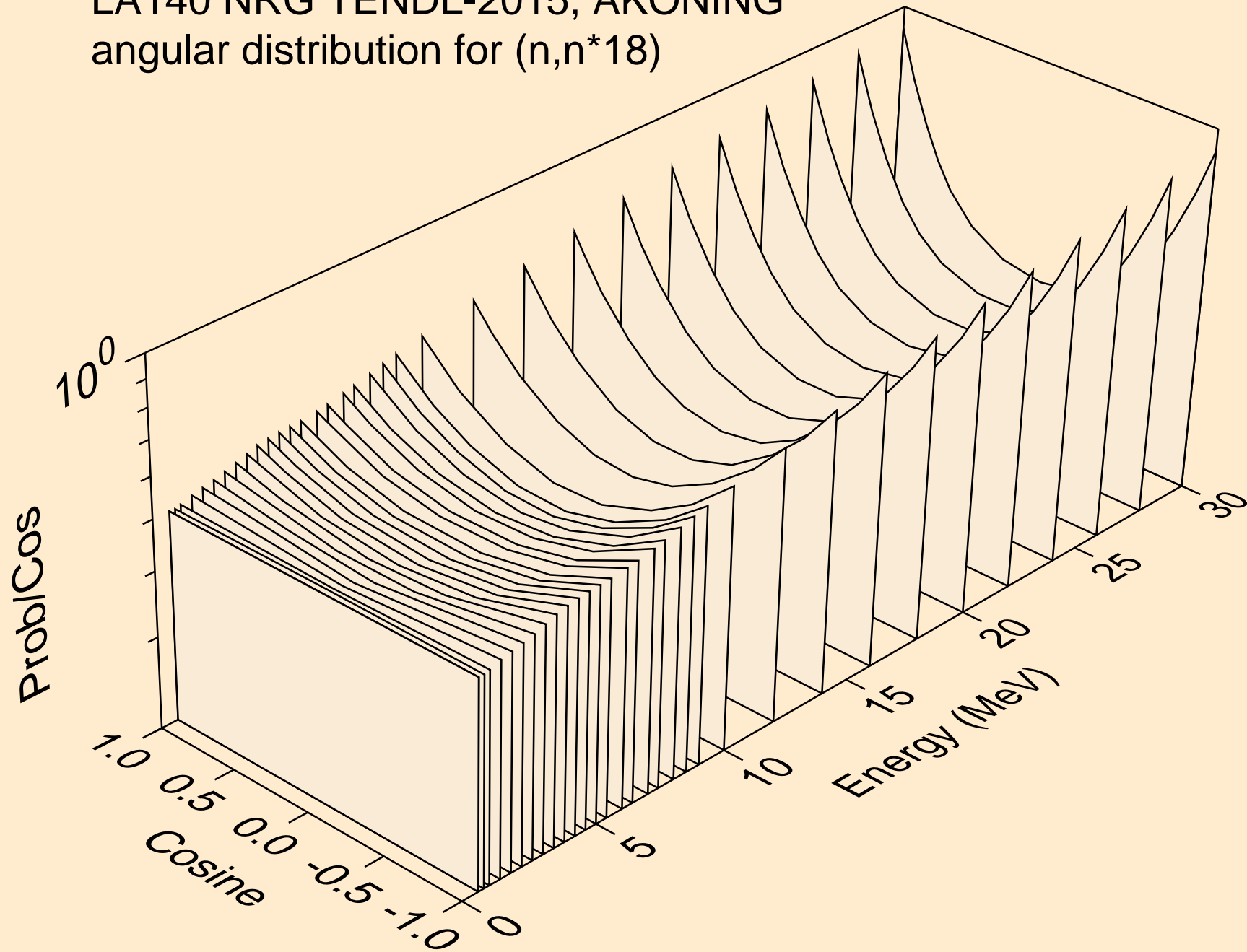
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



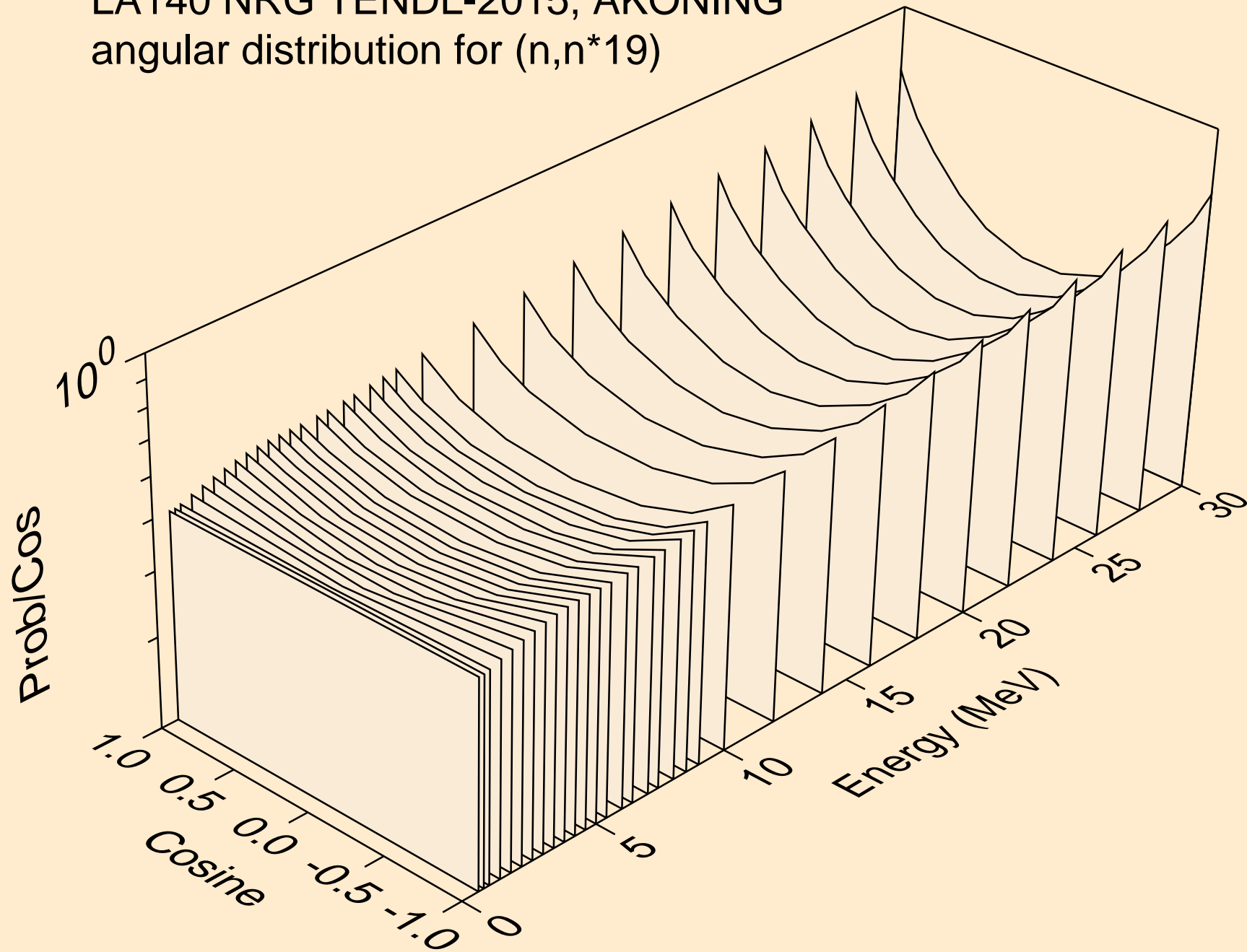
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



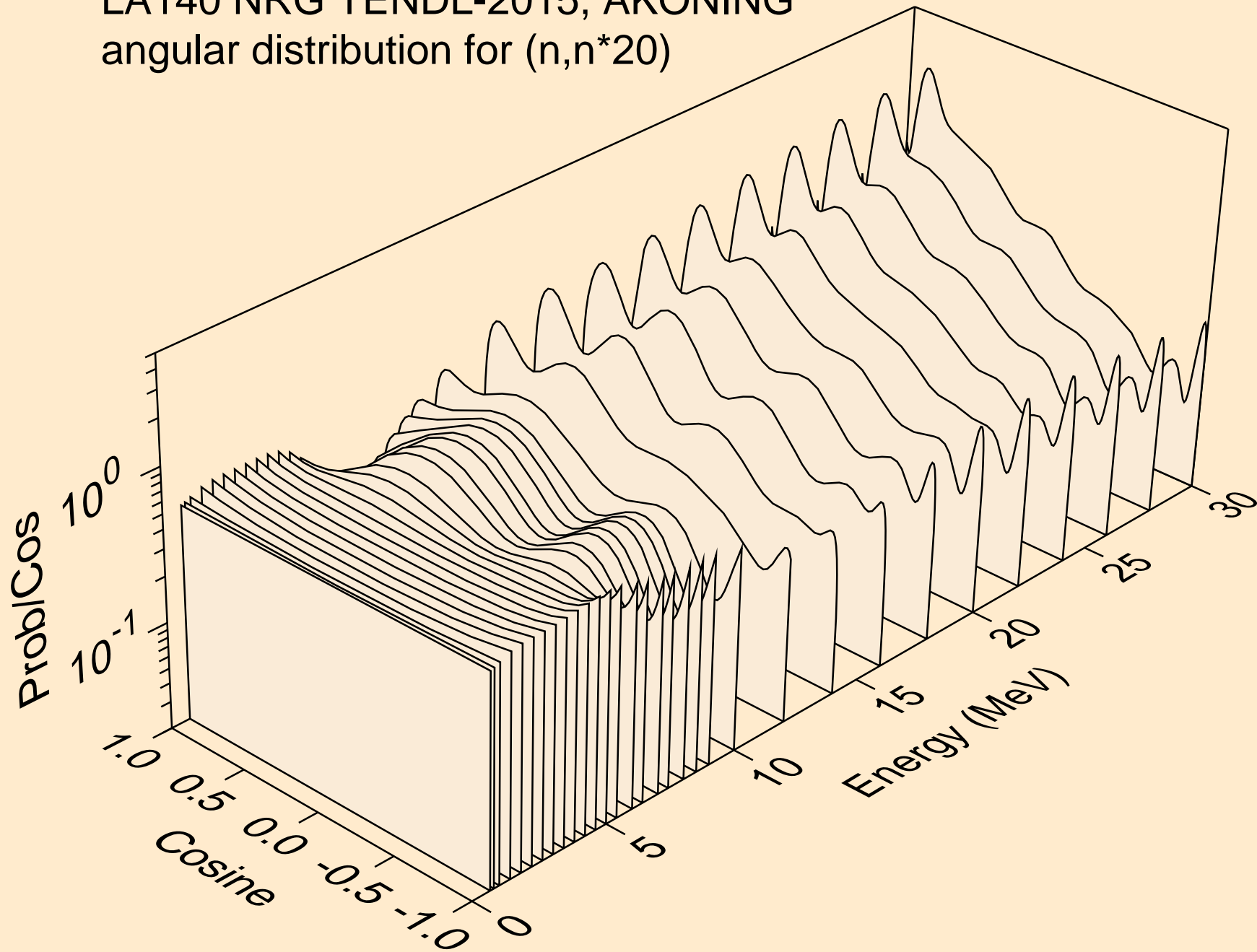
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



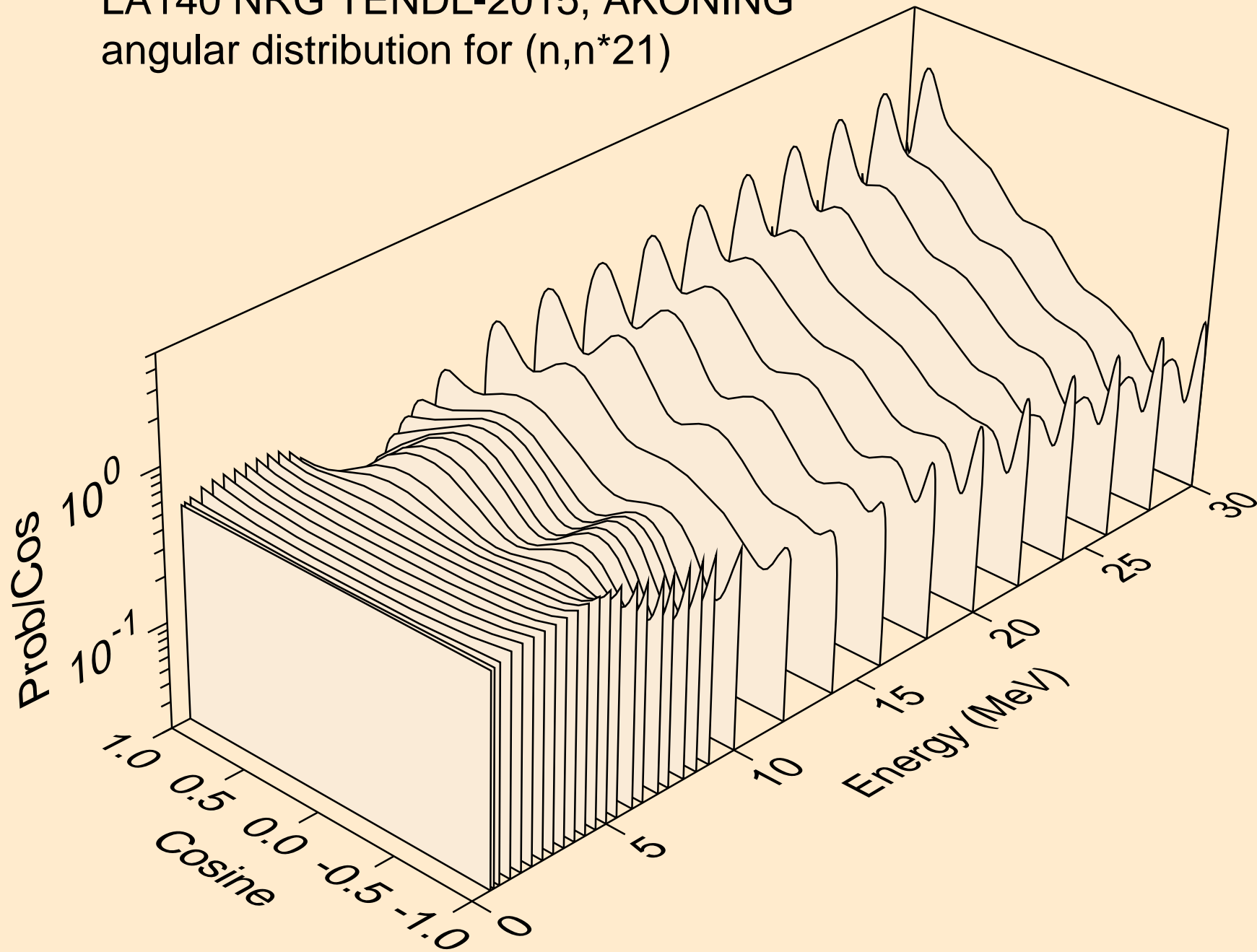
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

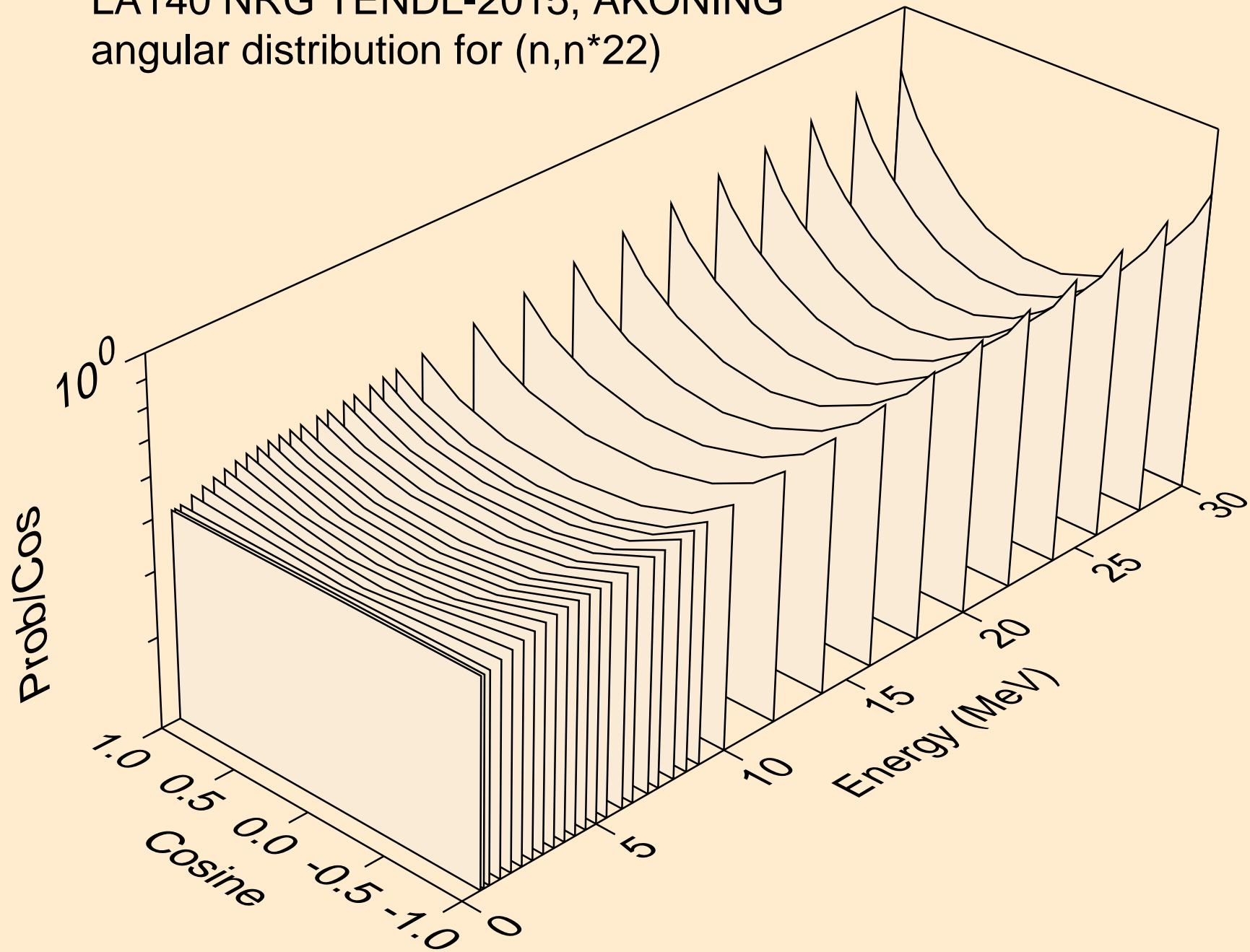


LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

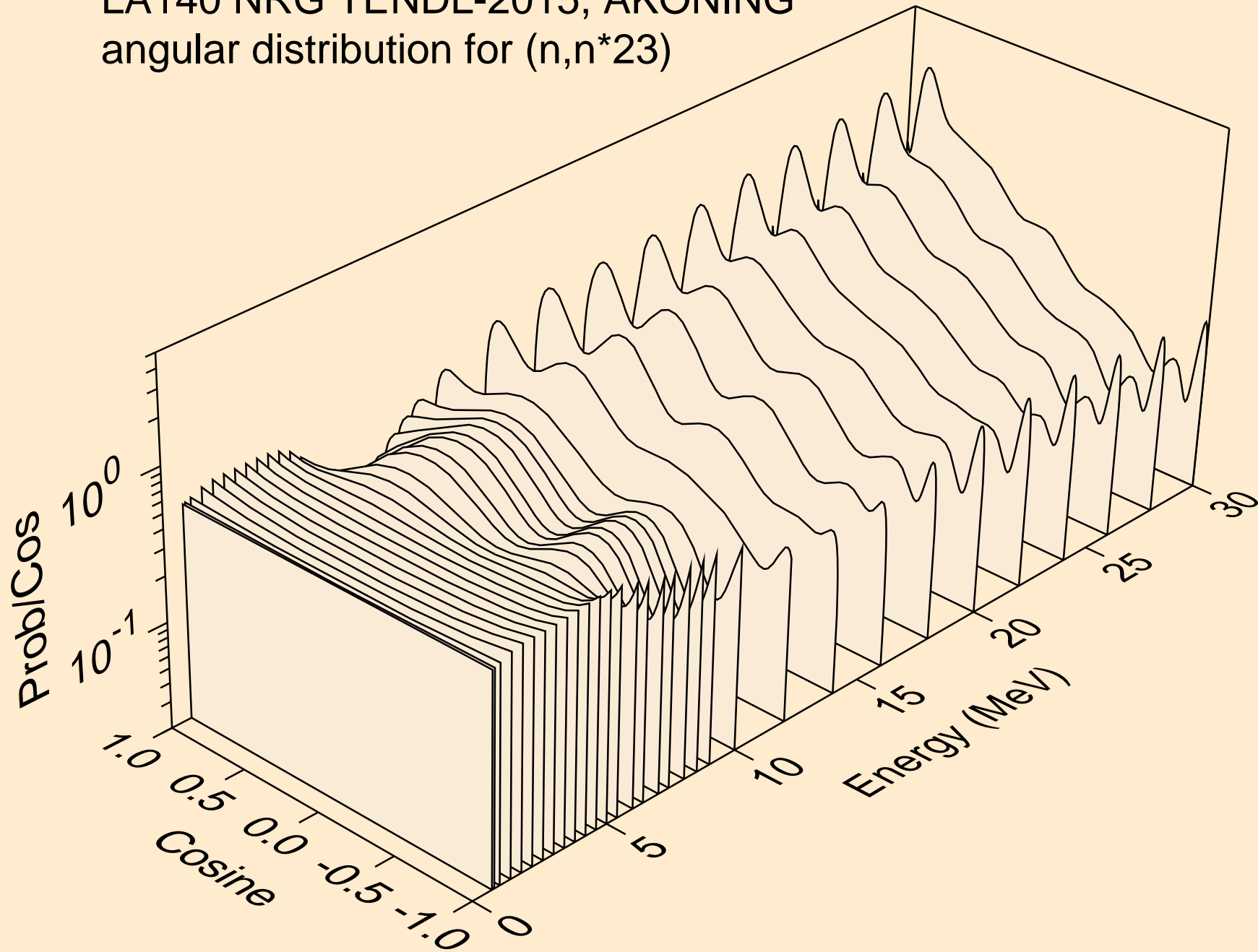




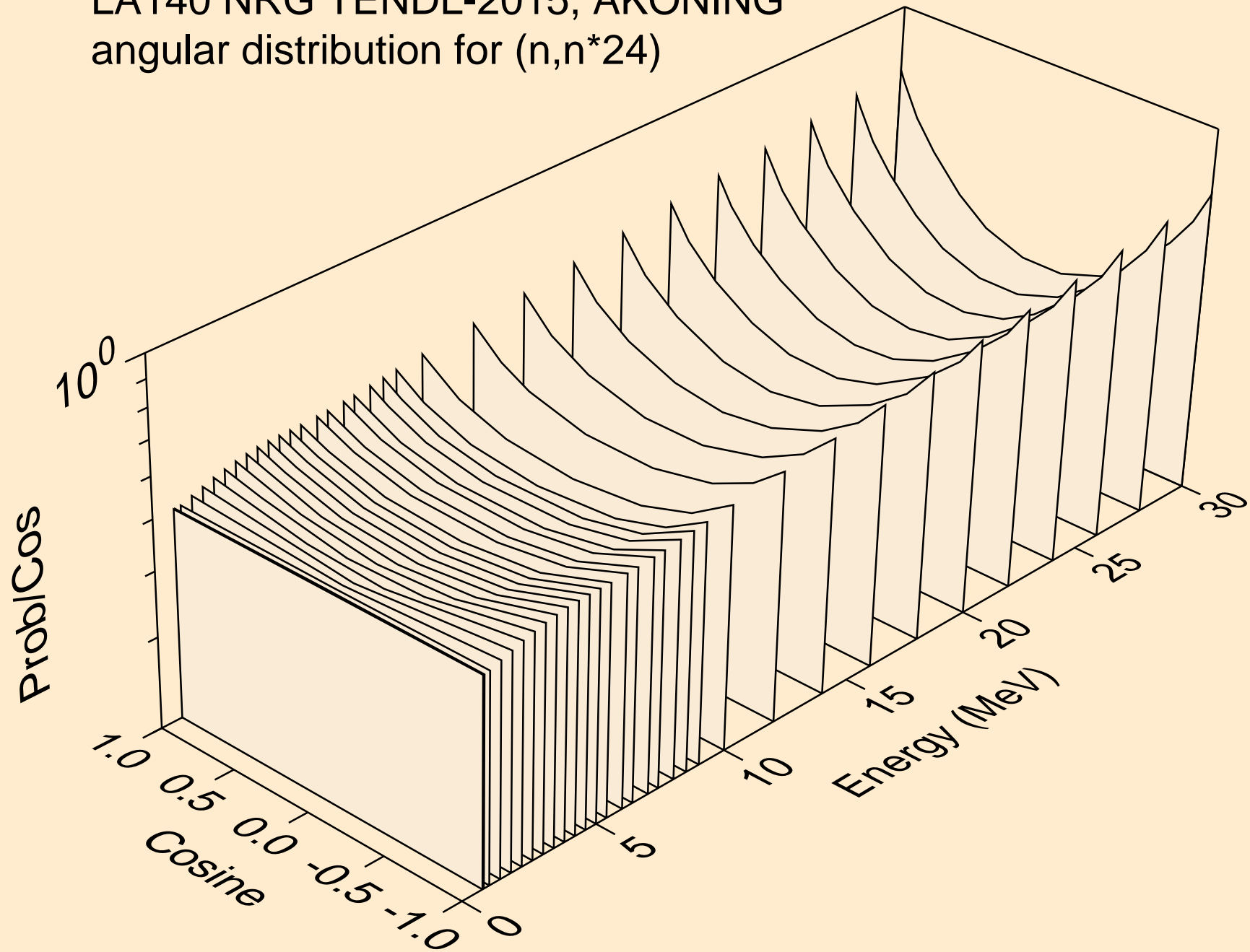
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



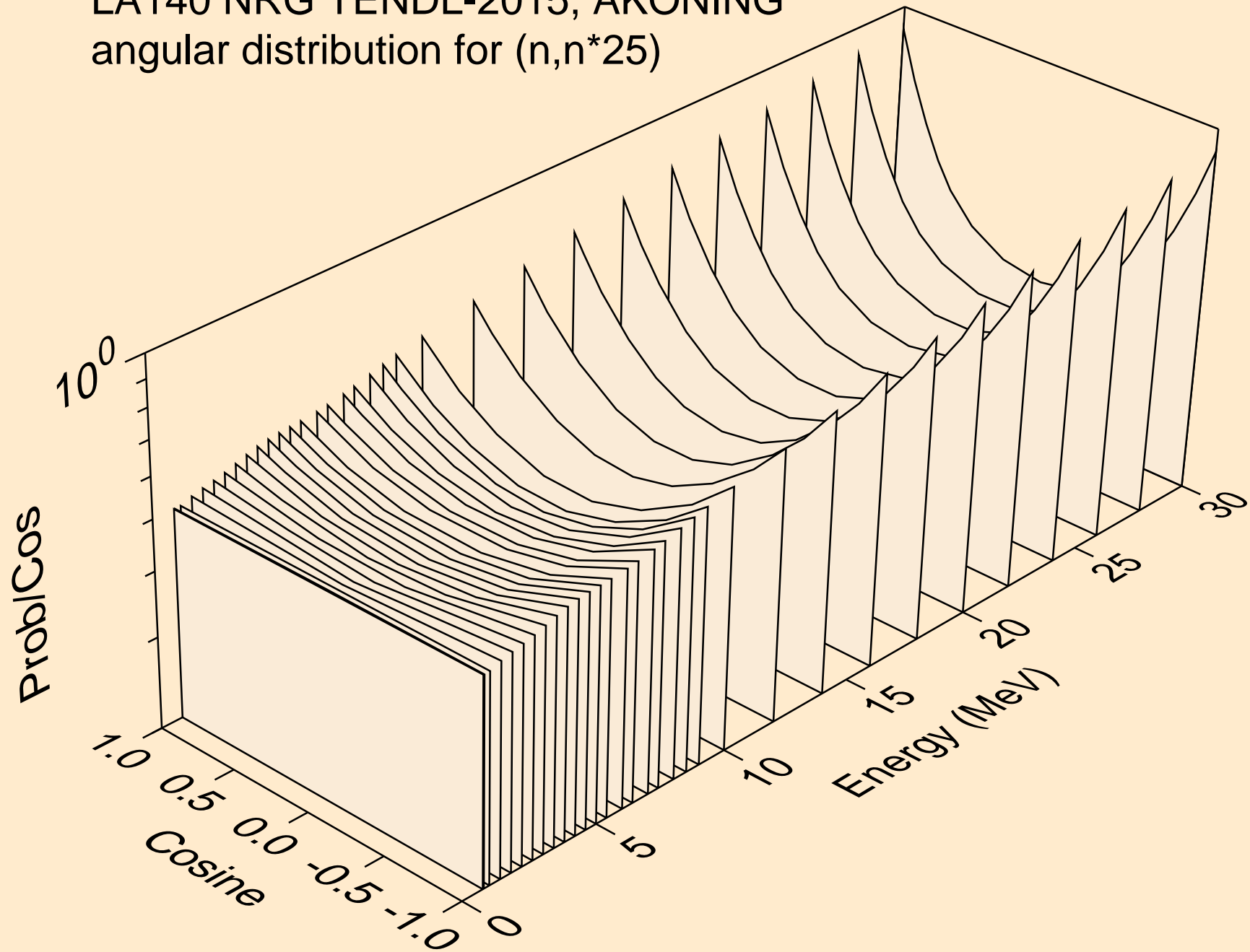
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



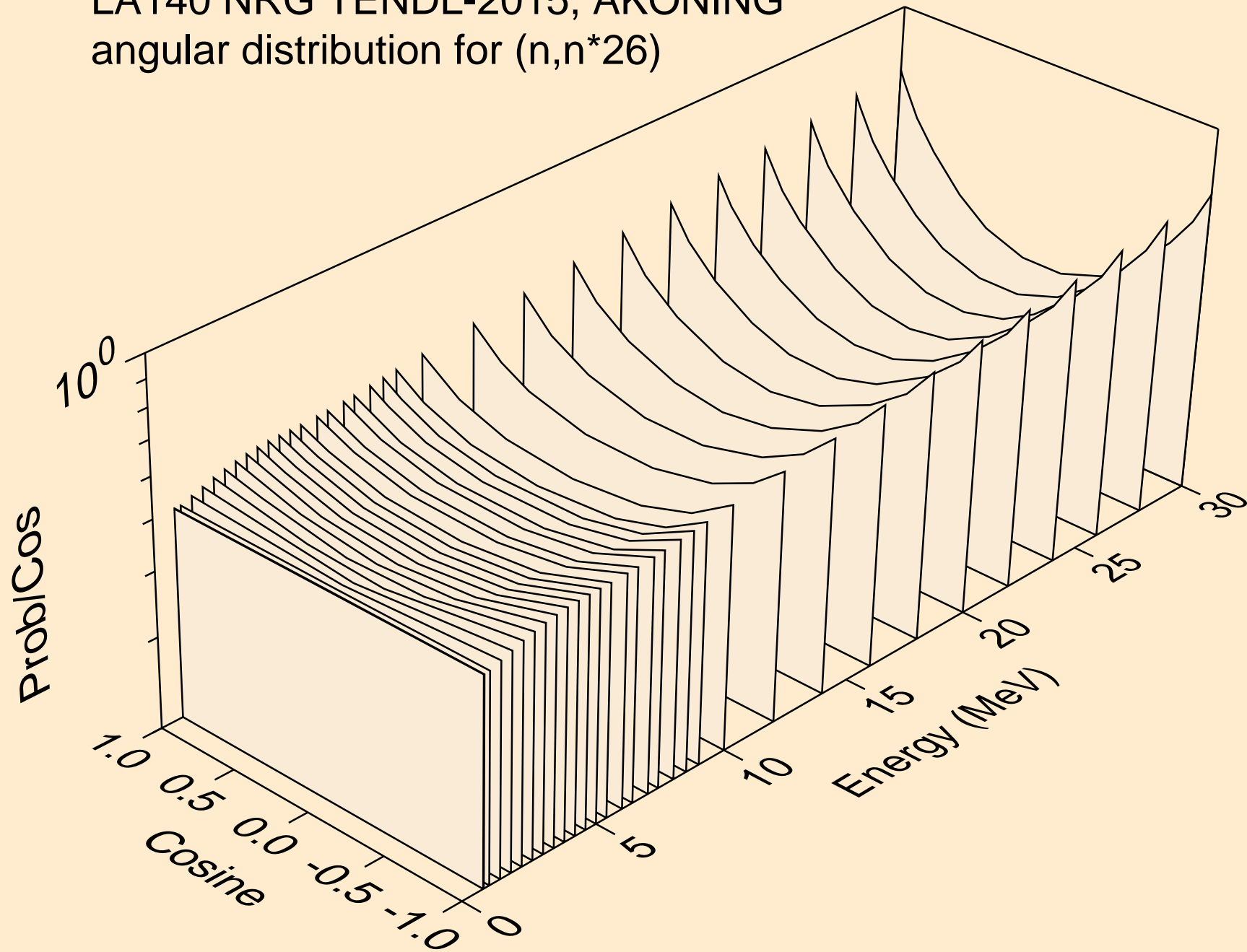
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



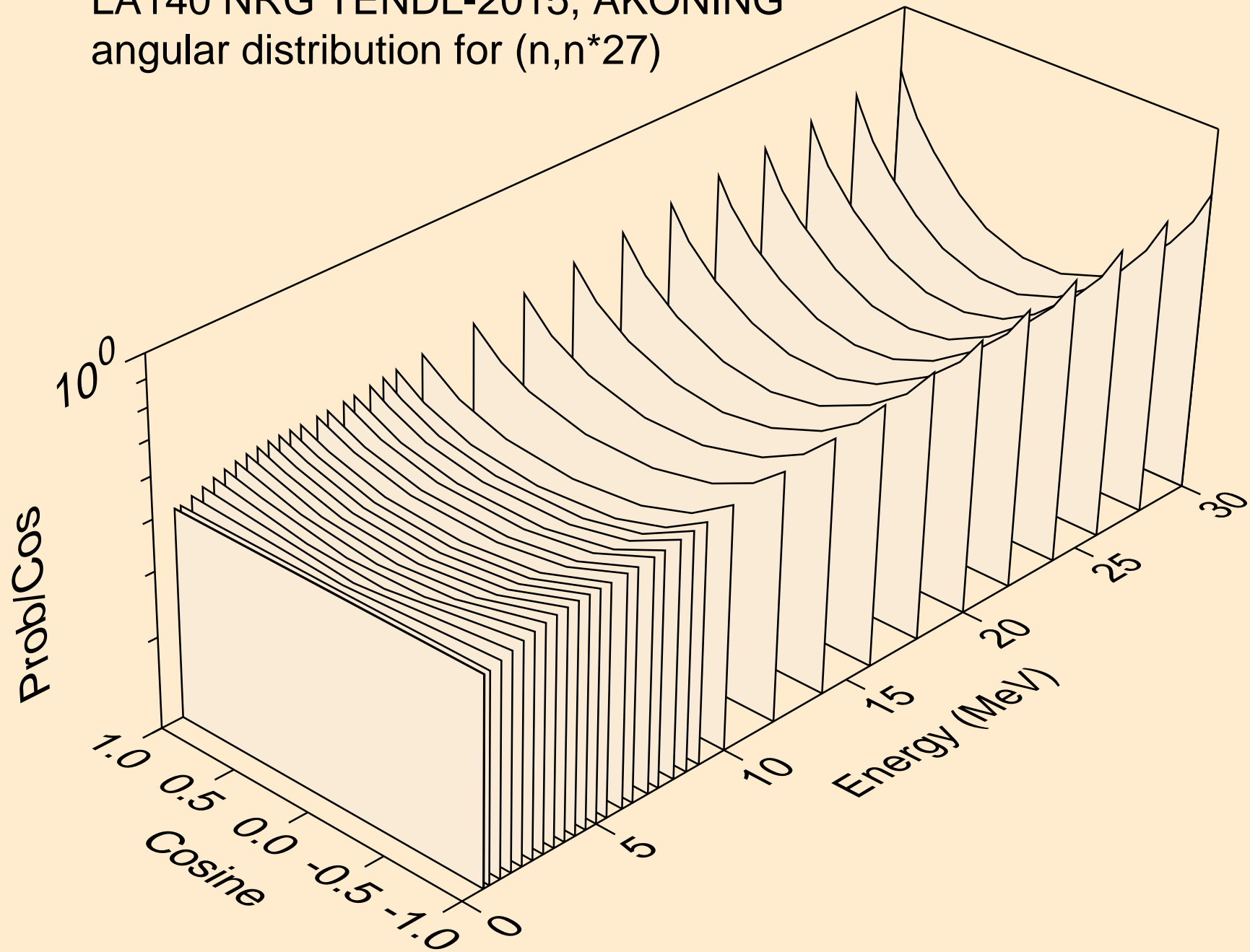
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



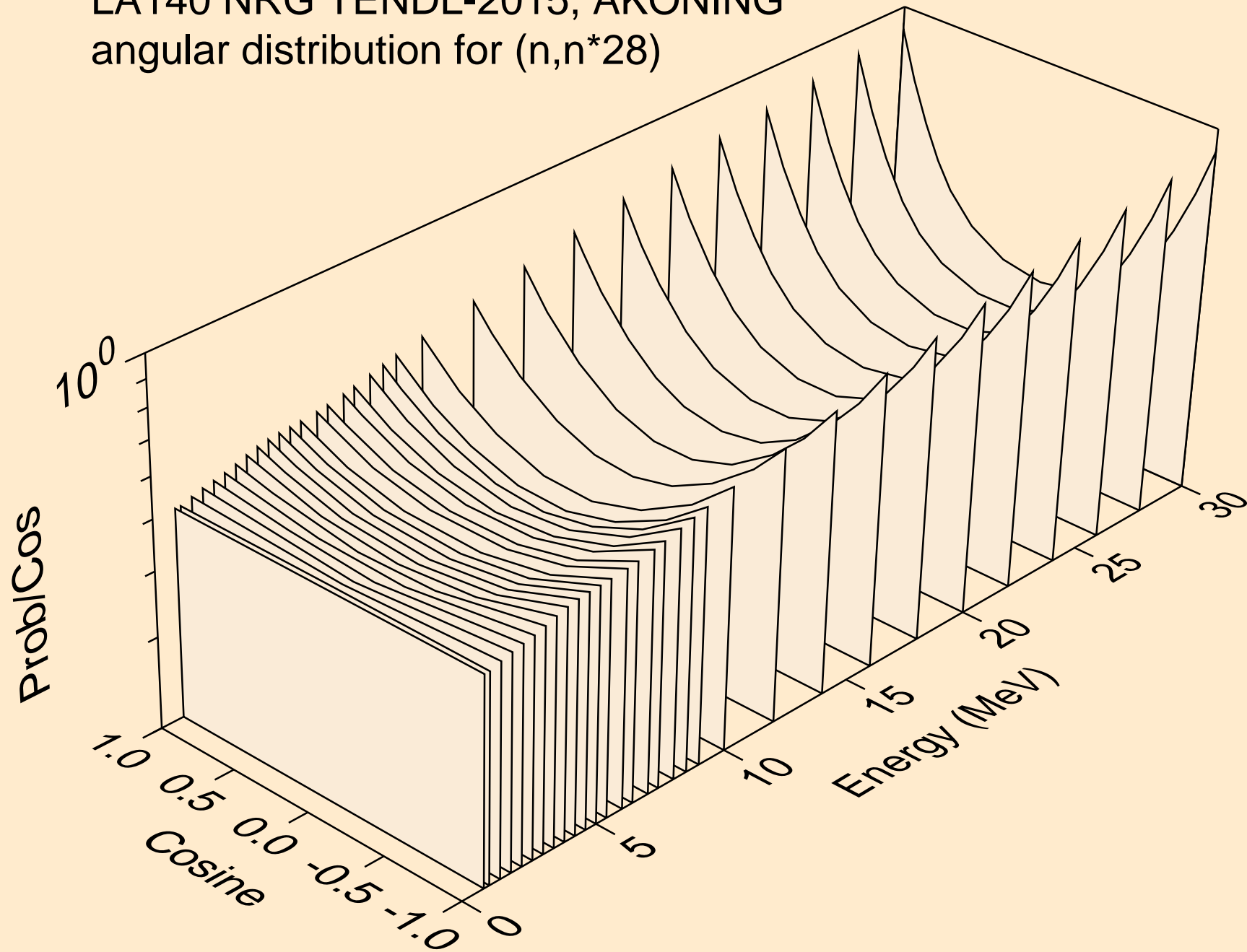
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



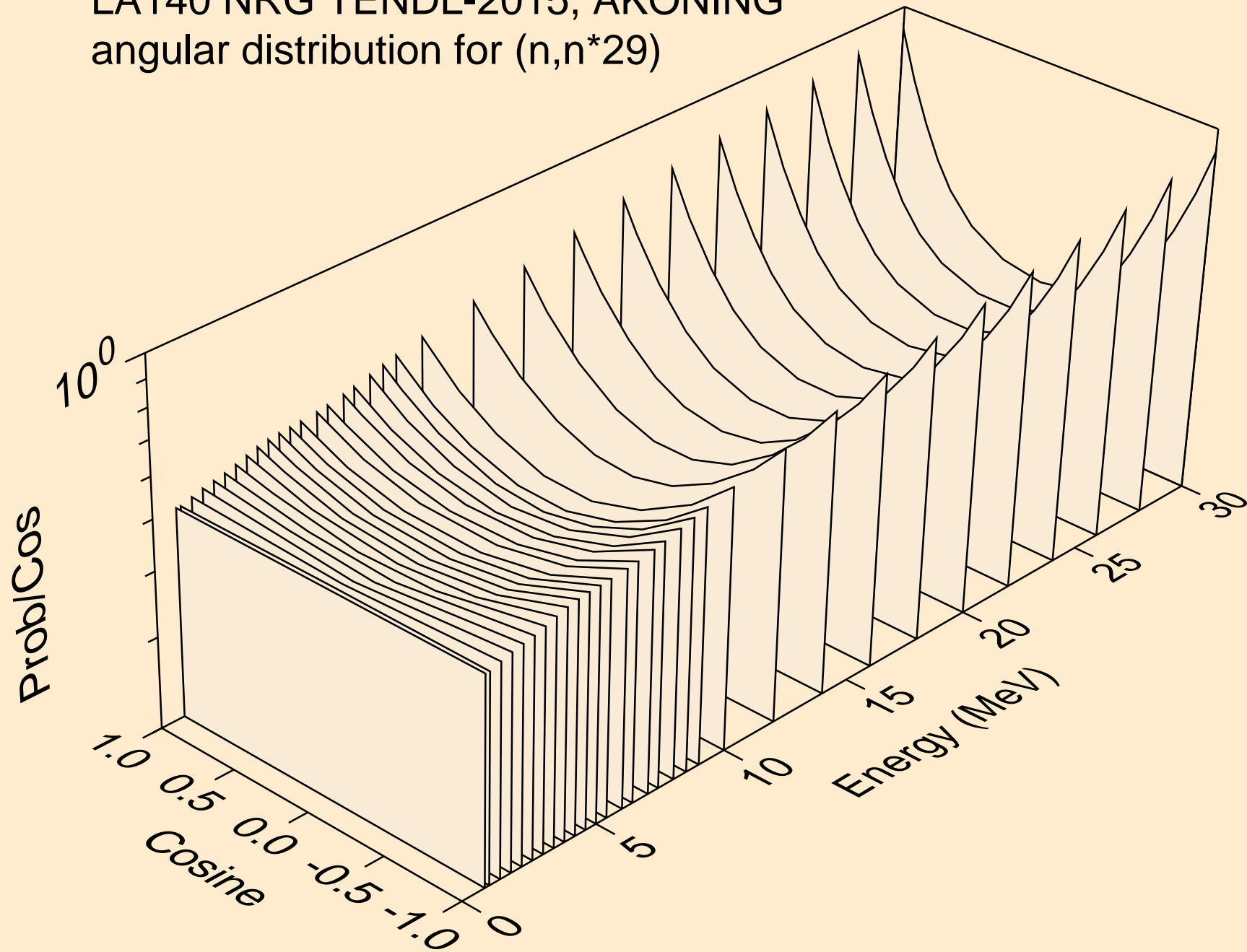
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

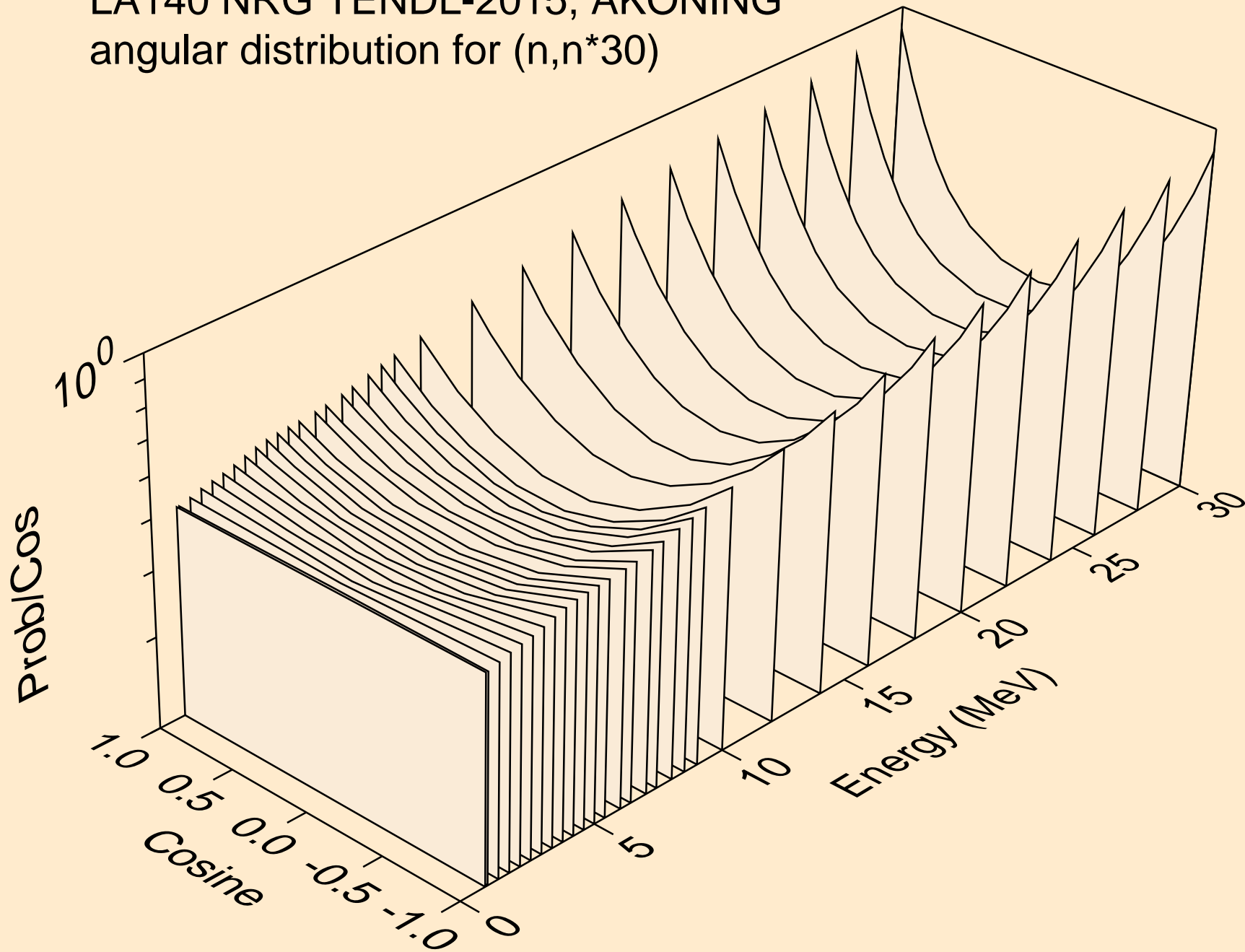


LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

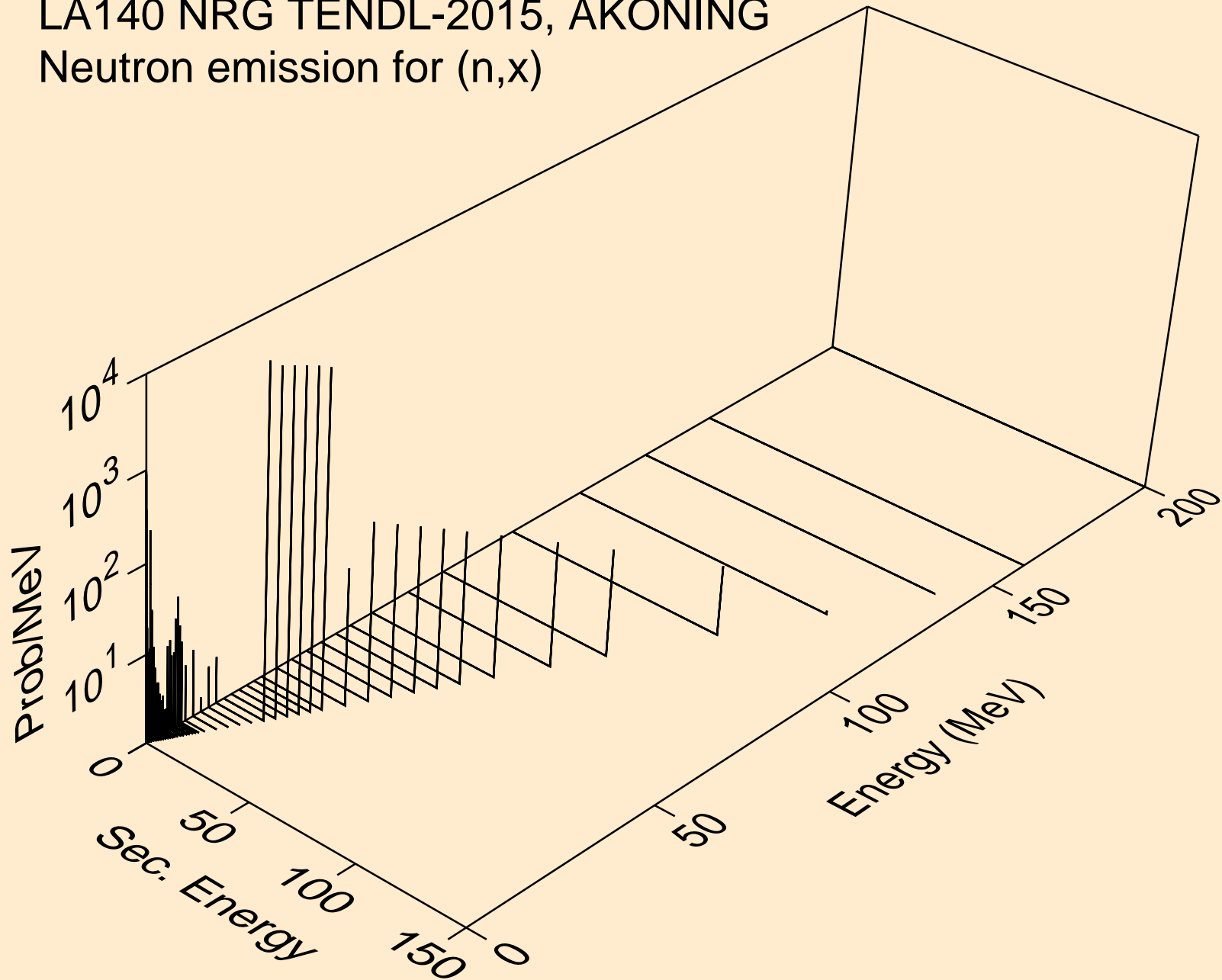




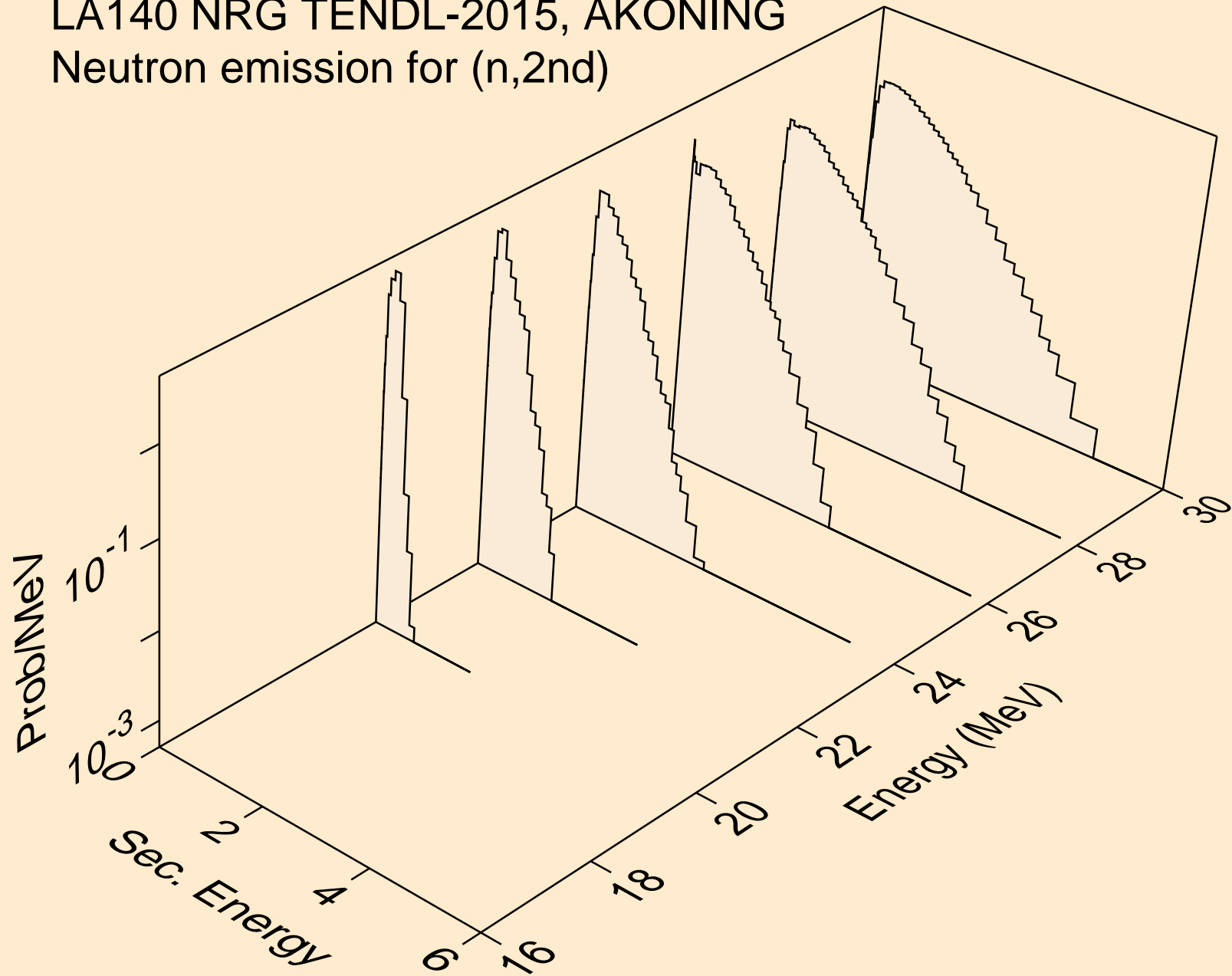
LA140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



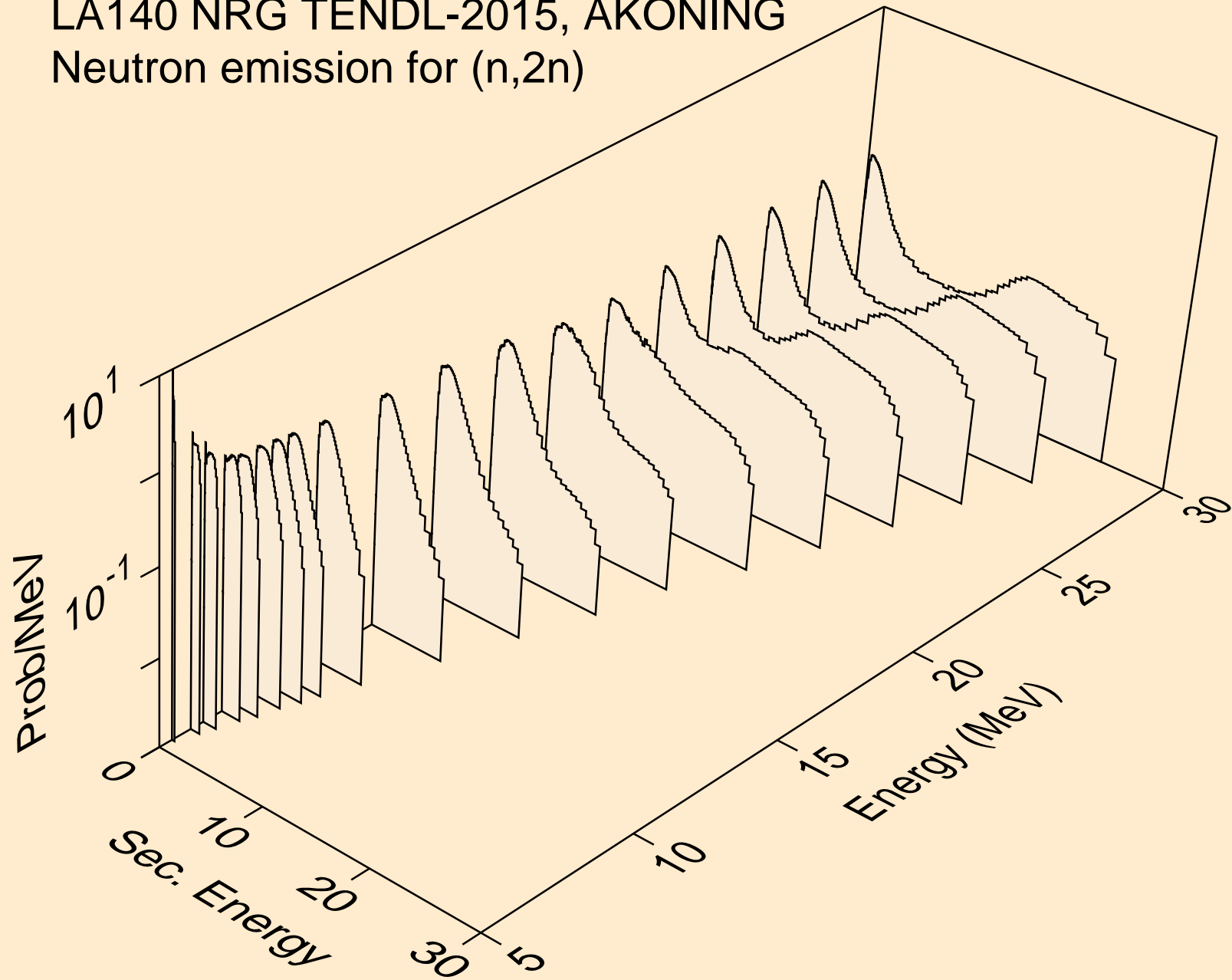
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



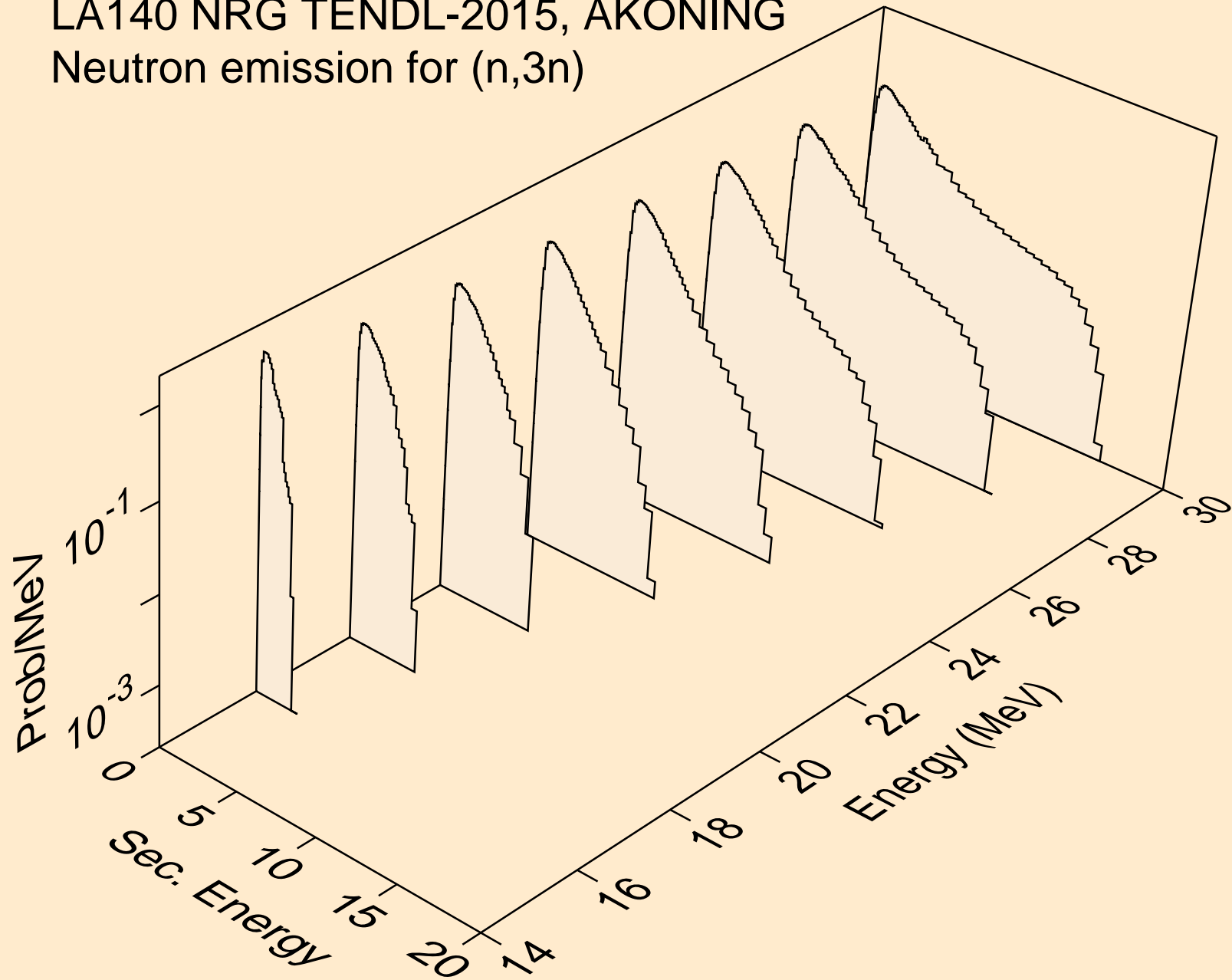
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



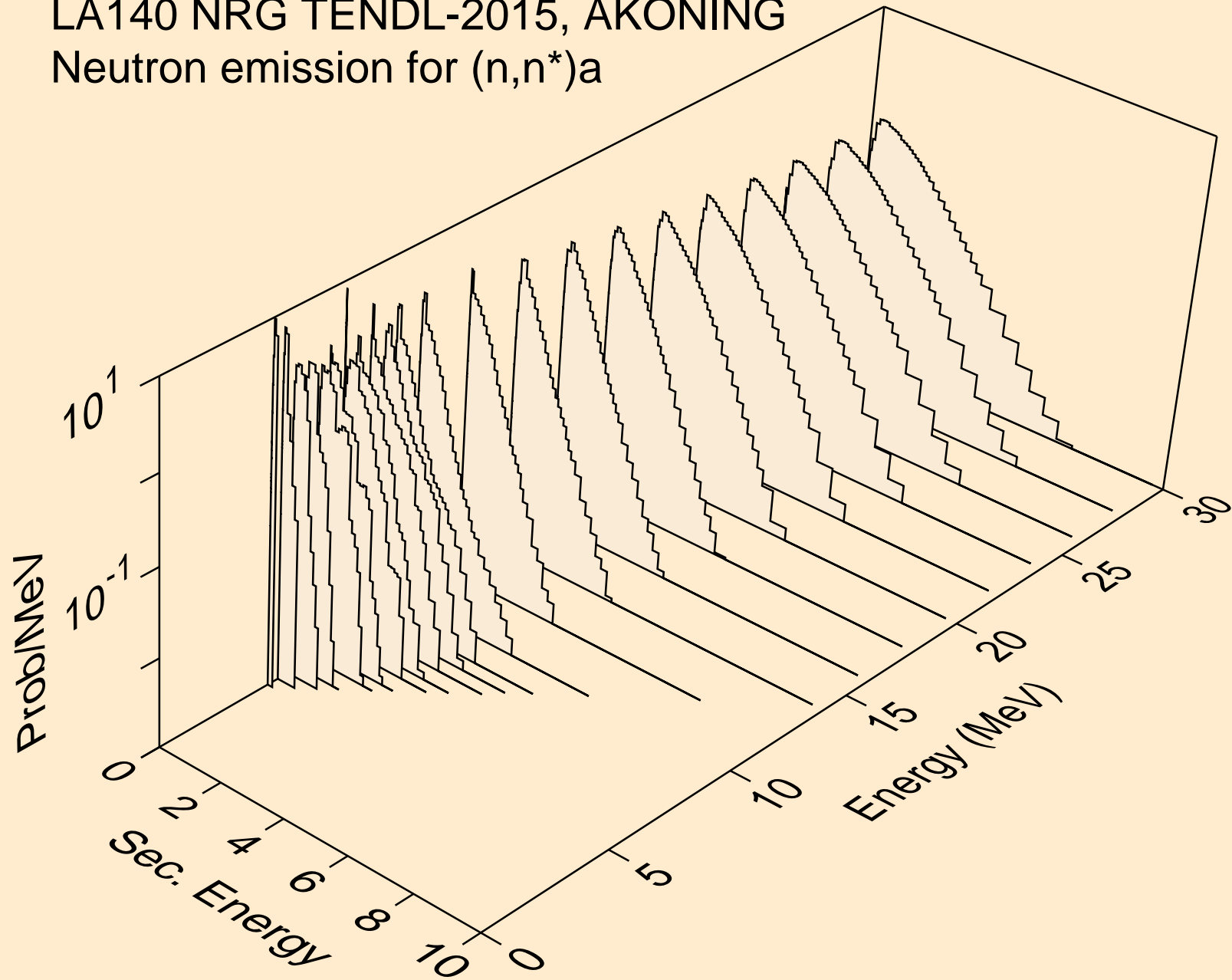
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



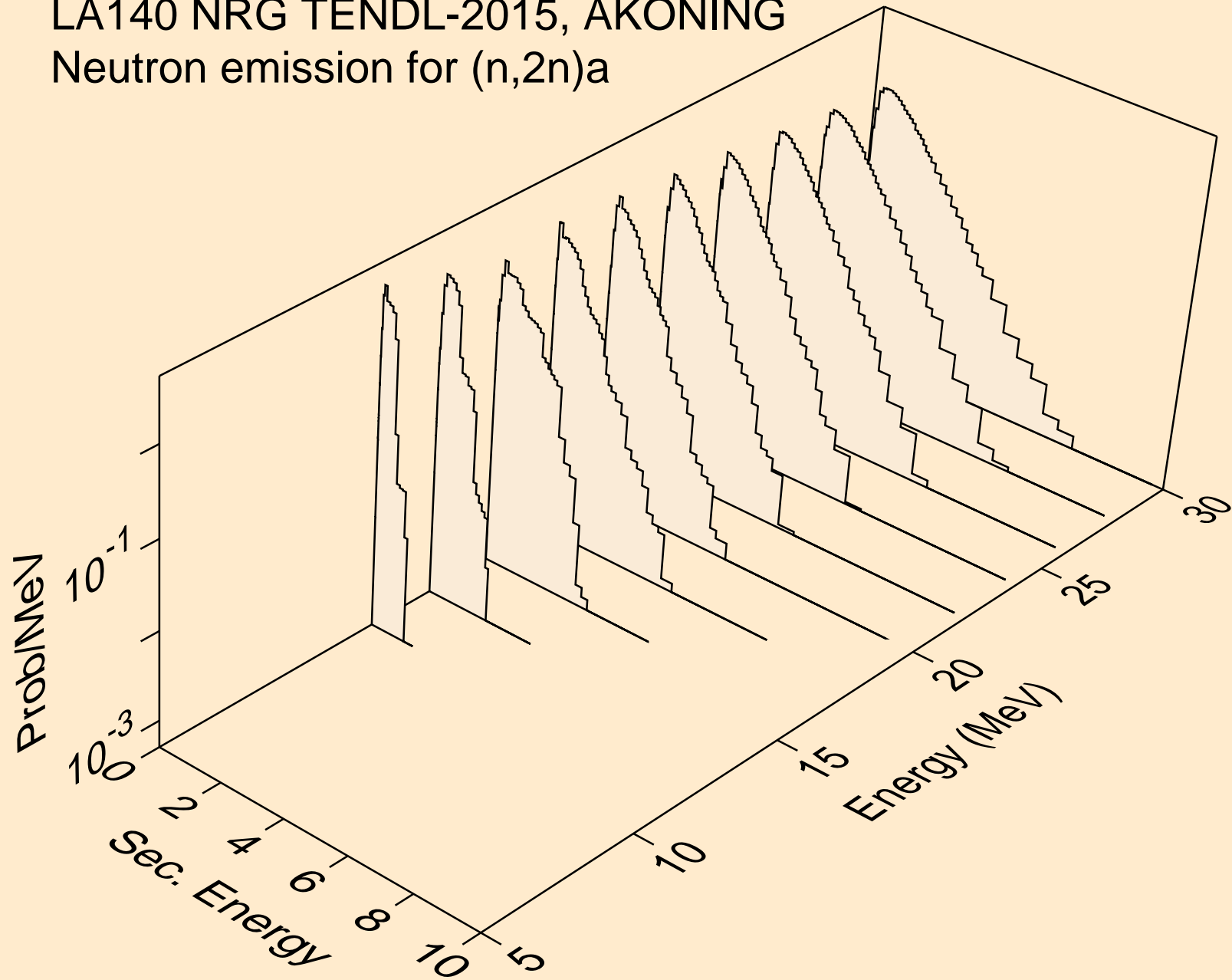
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



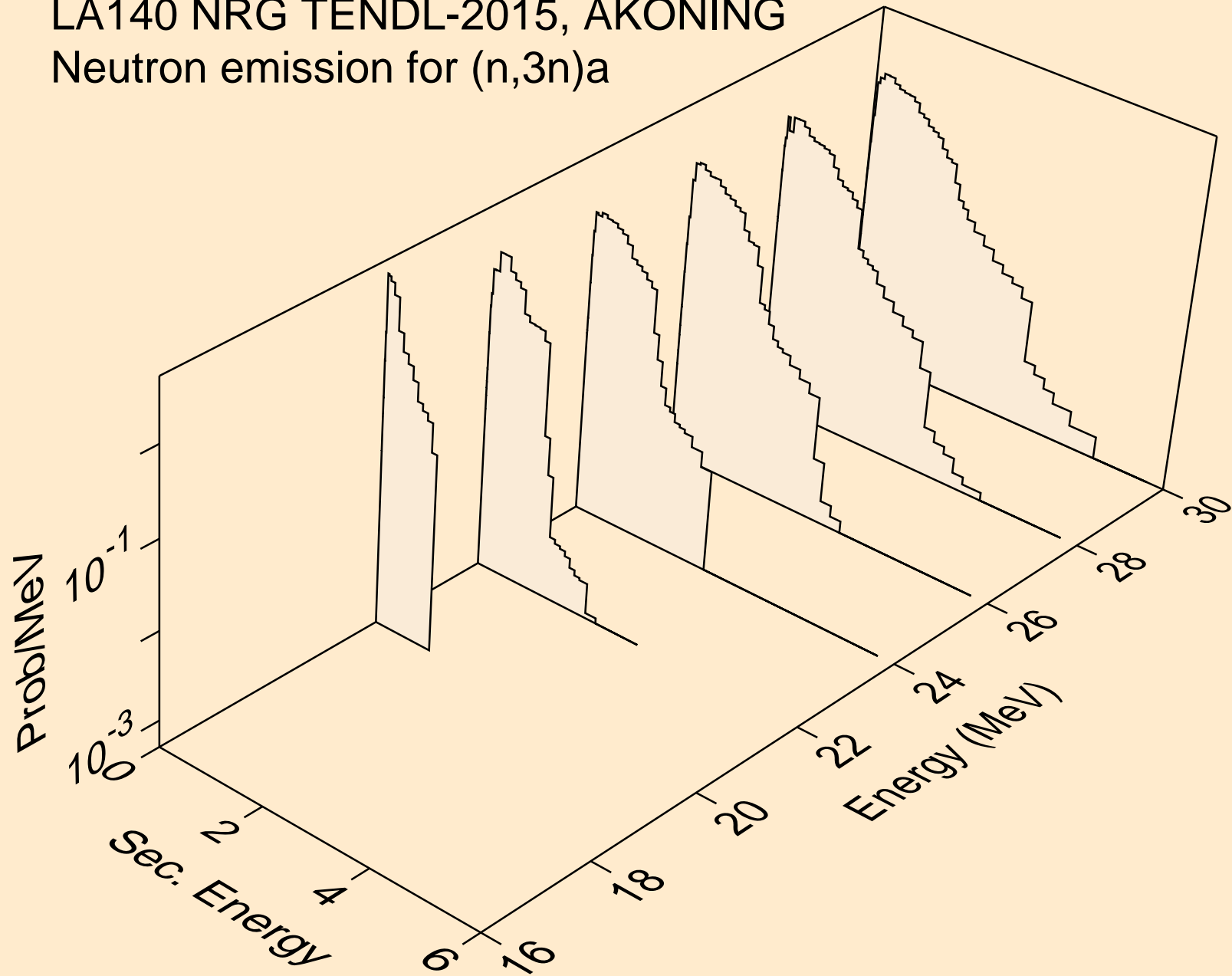
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>

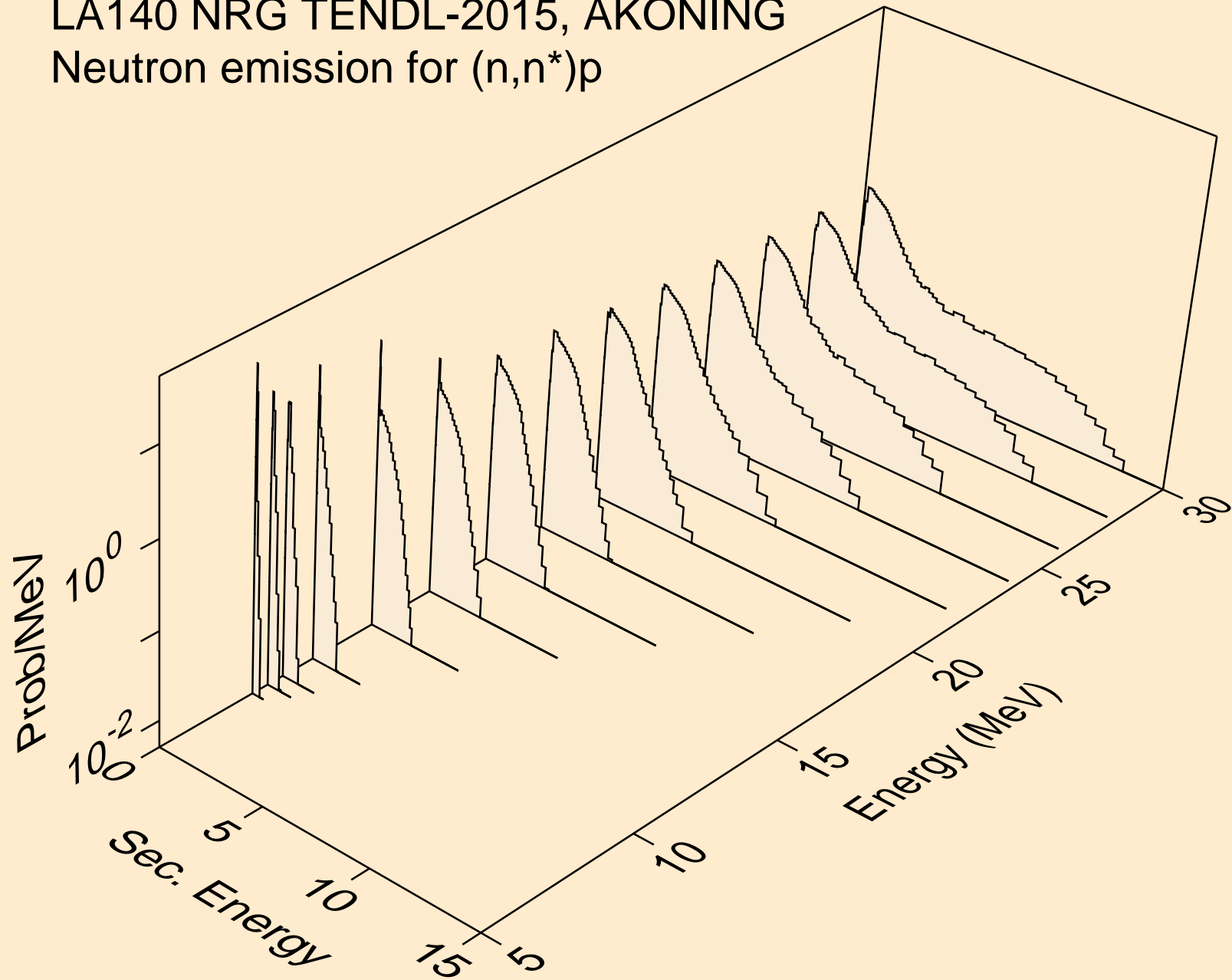


LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

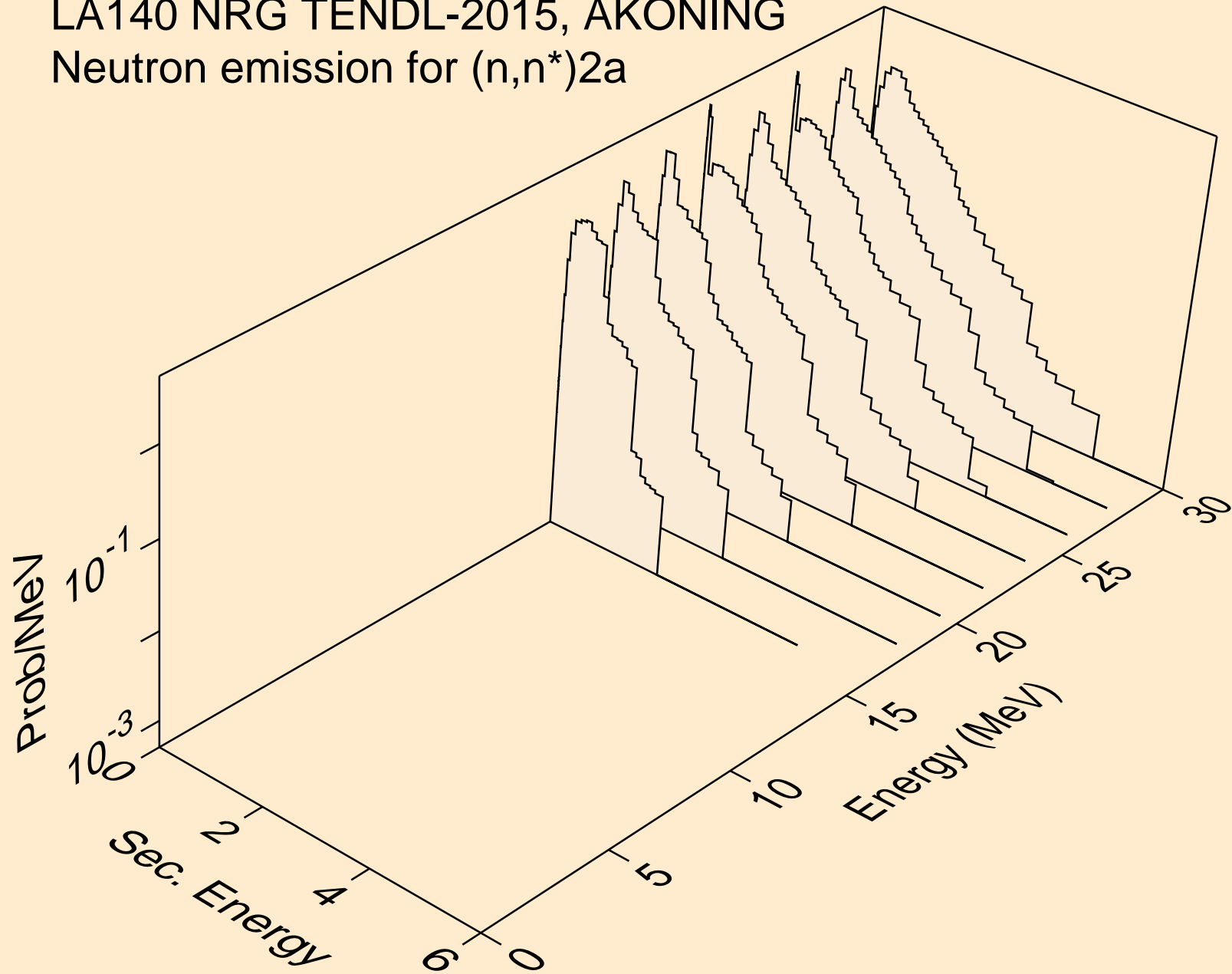




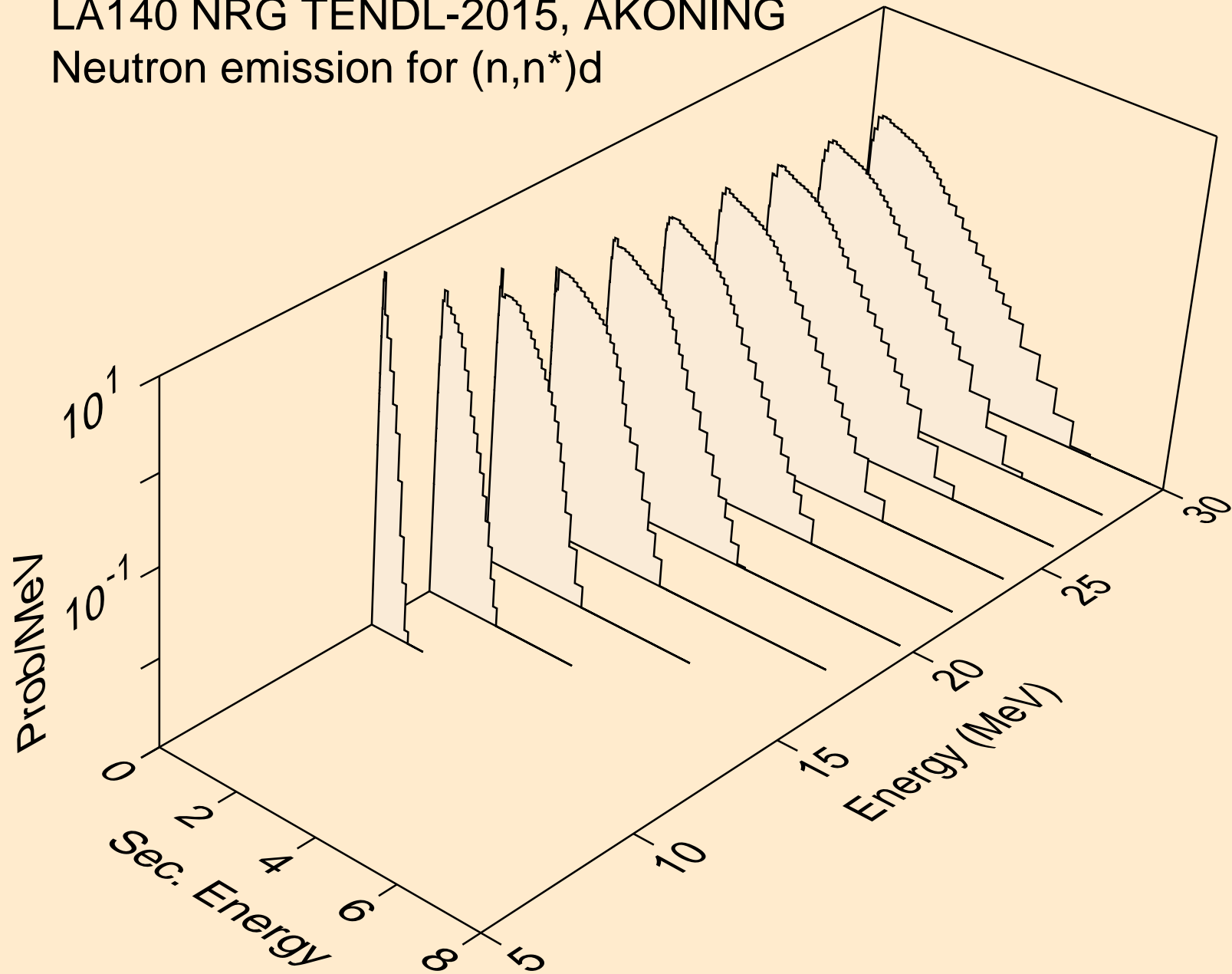
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



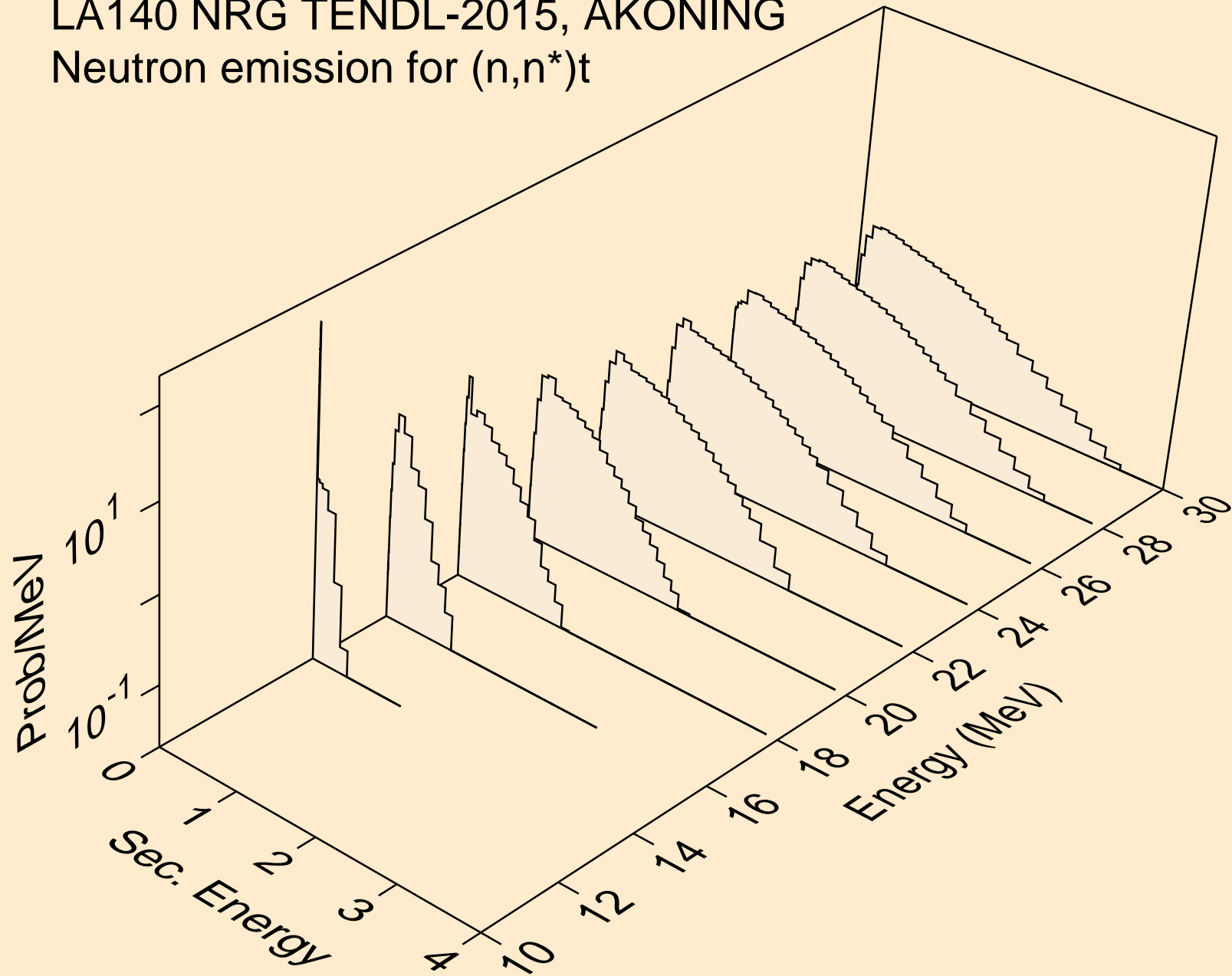
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



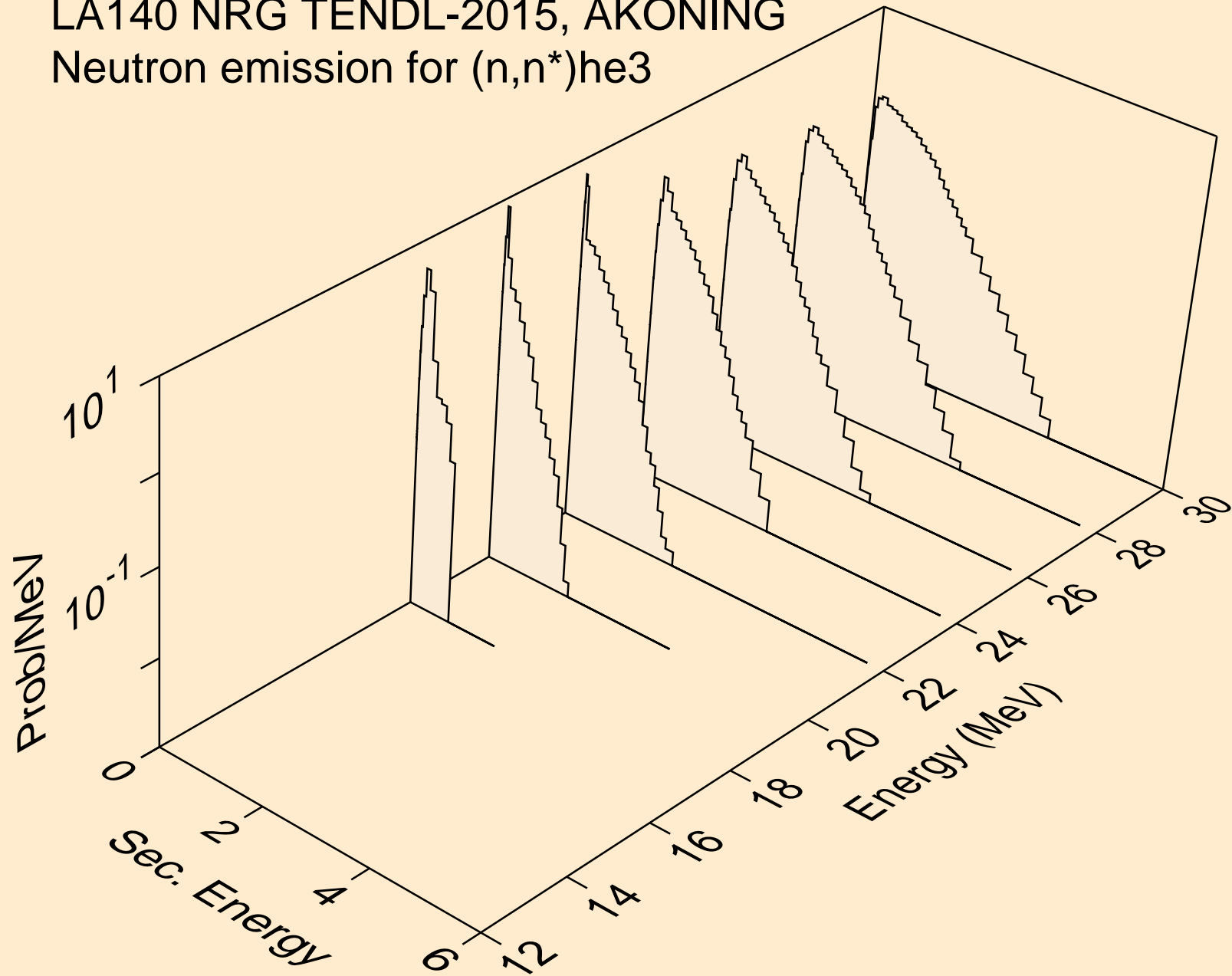
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



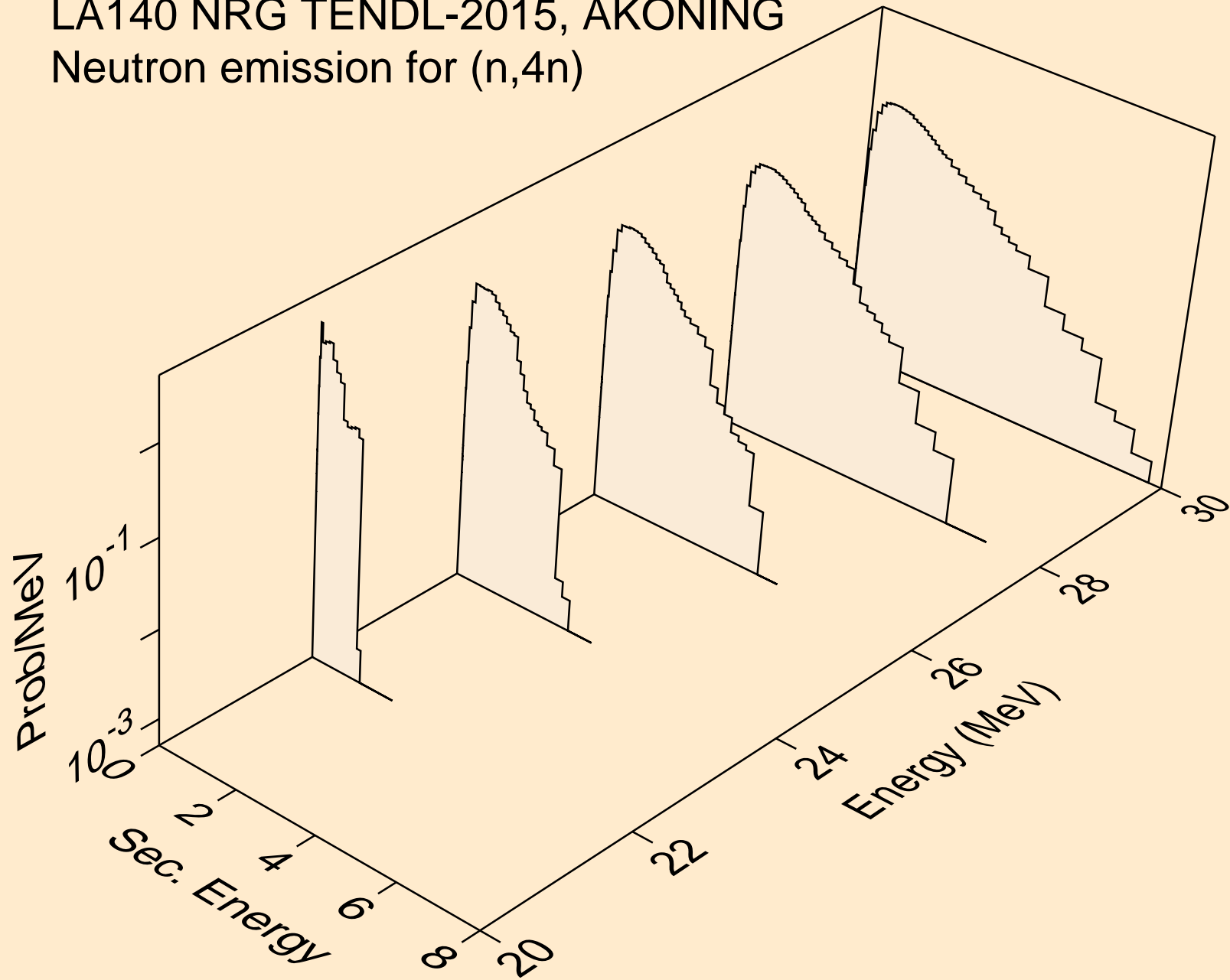
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



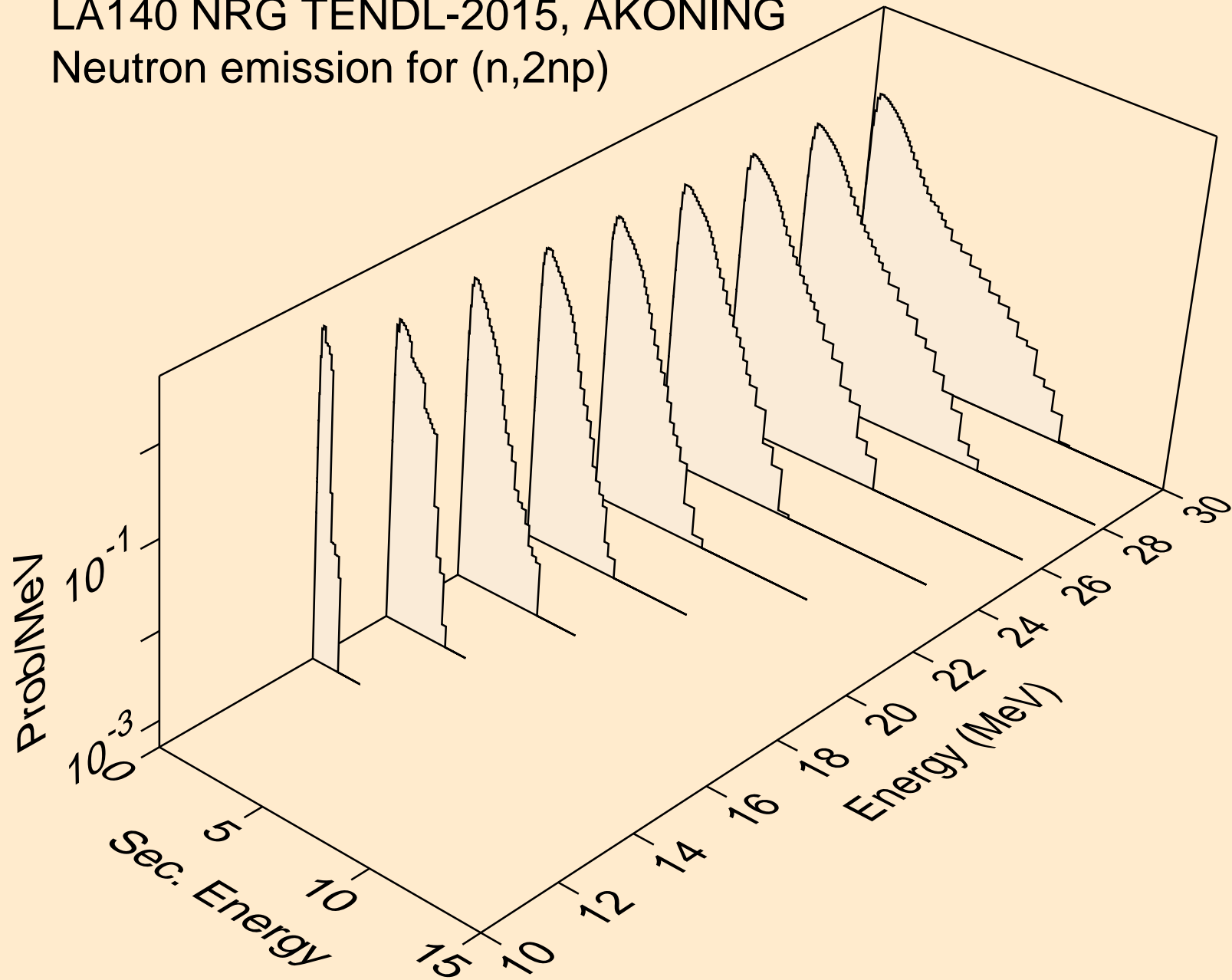
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



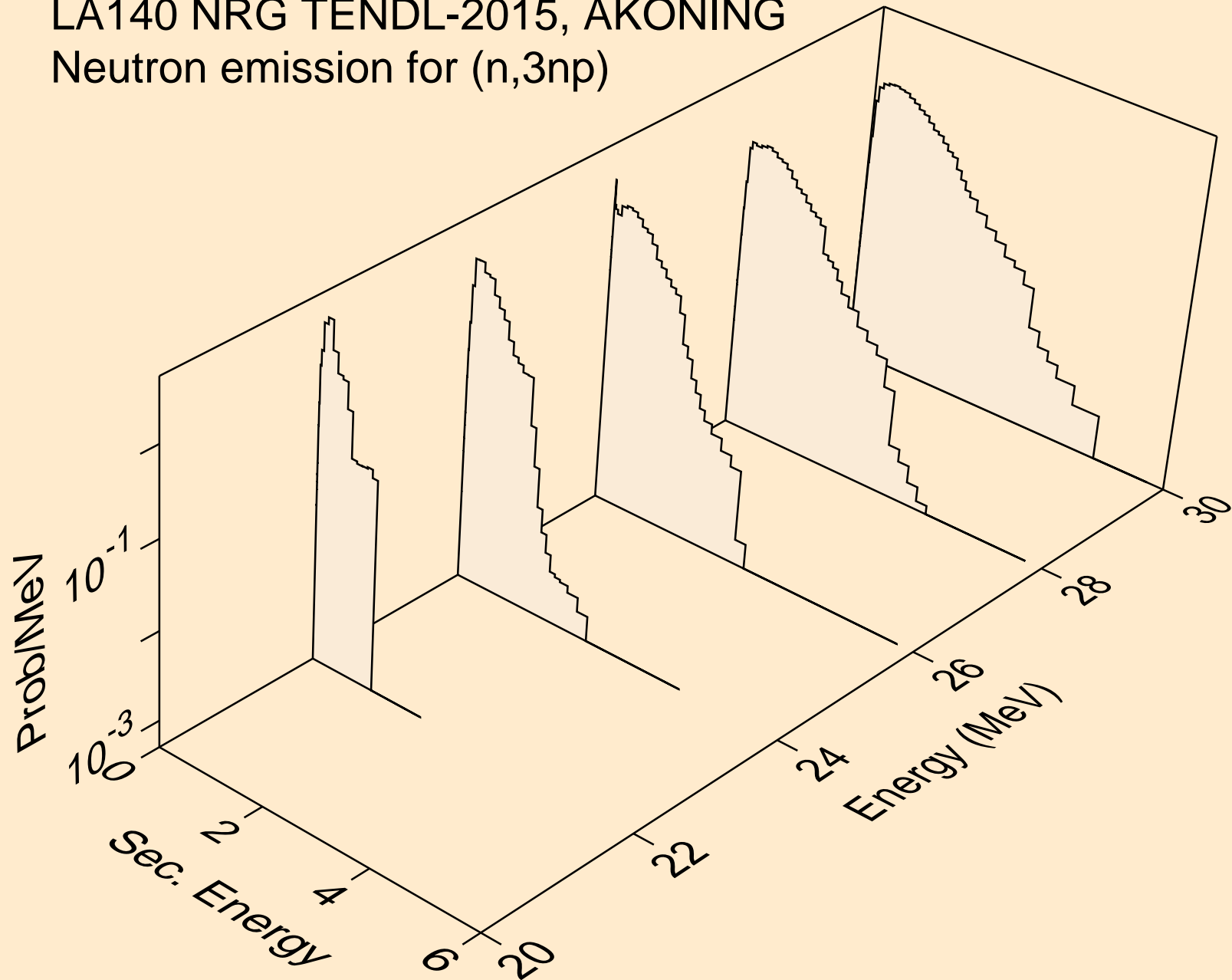
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

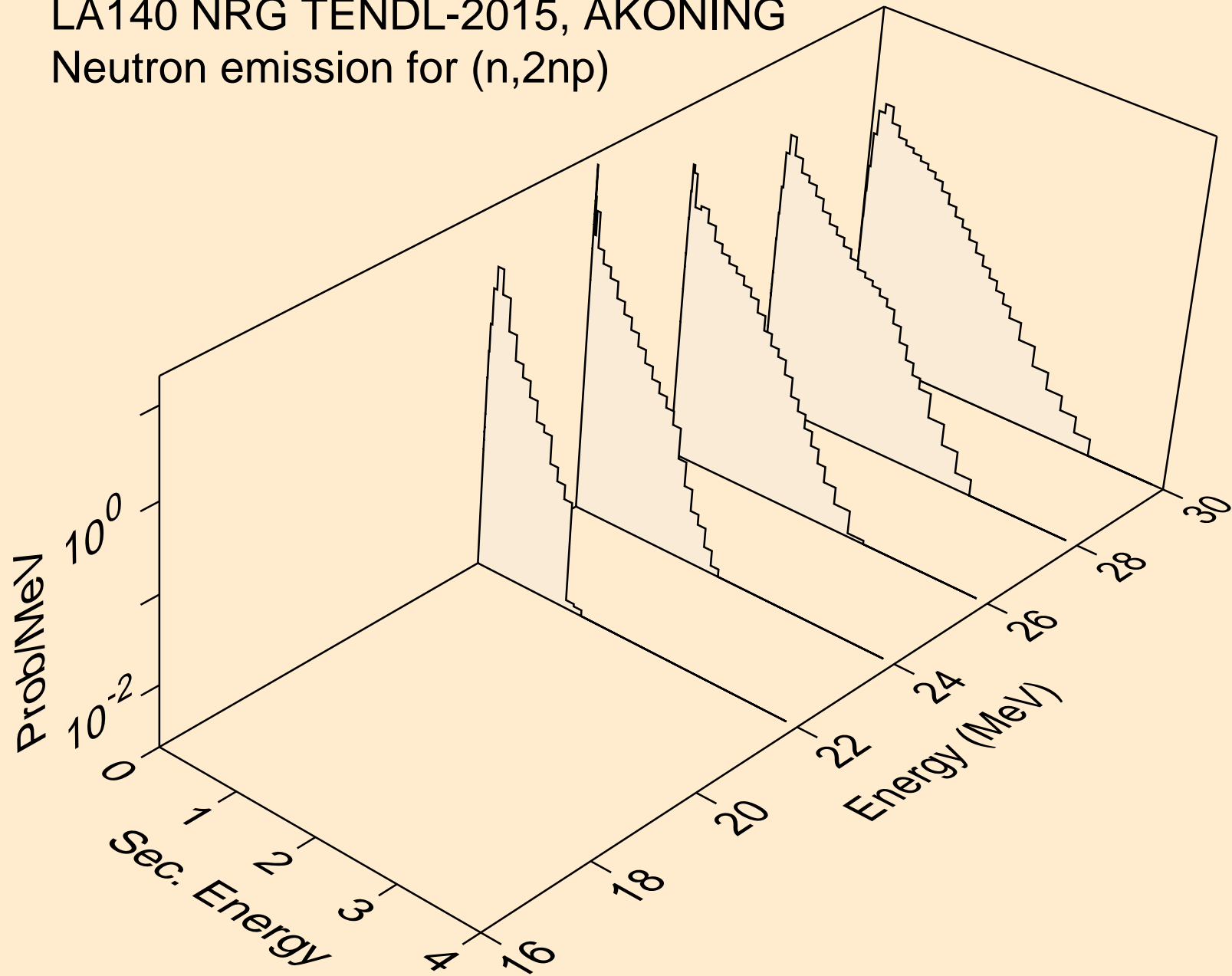


LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

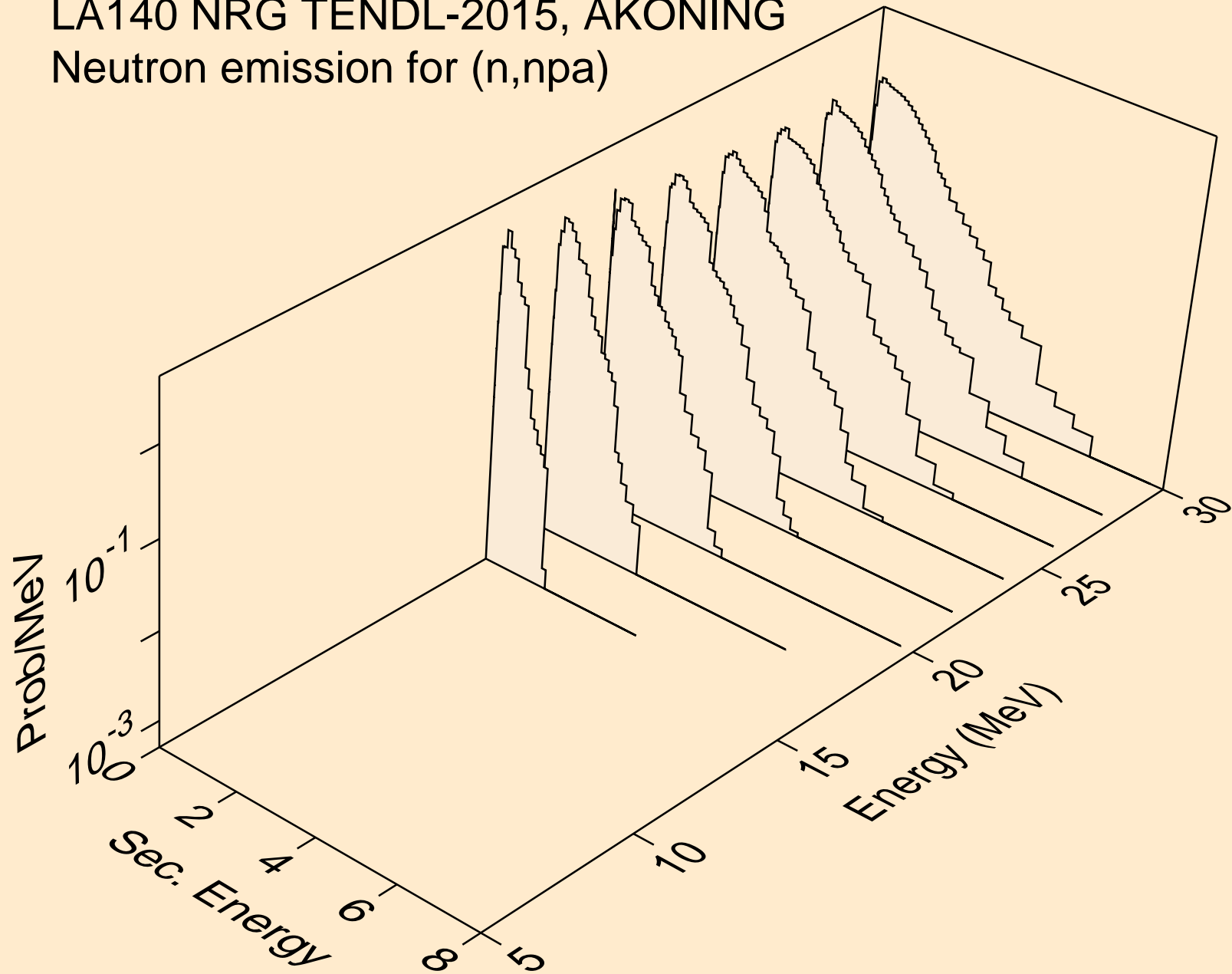




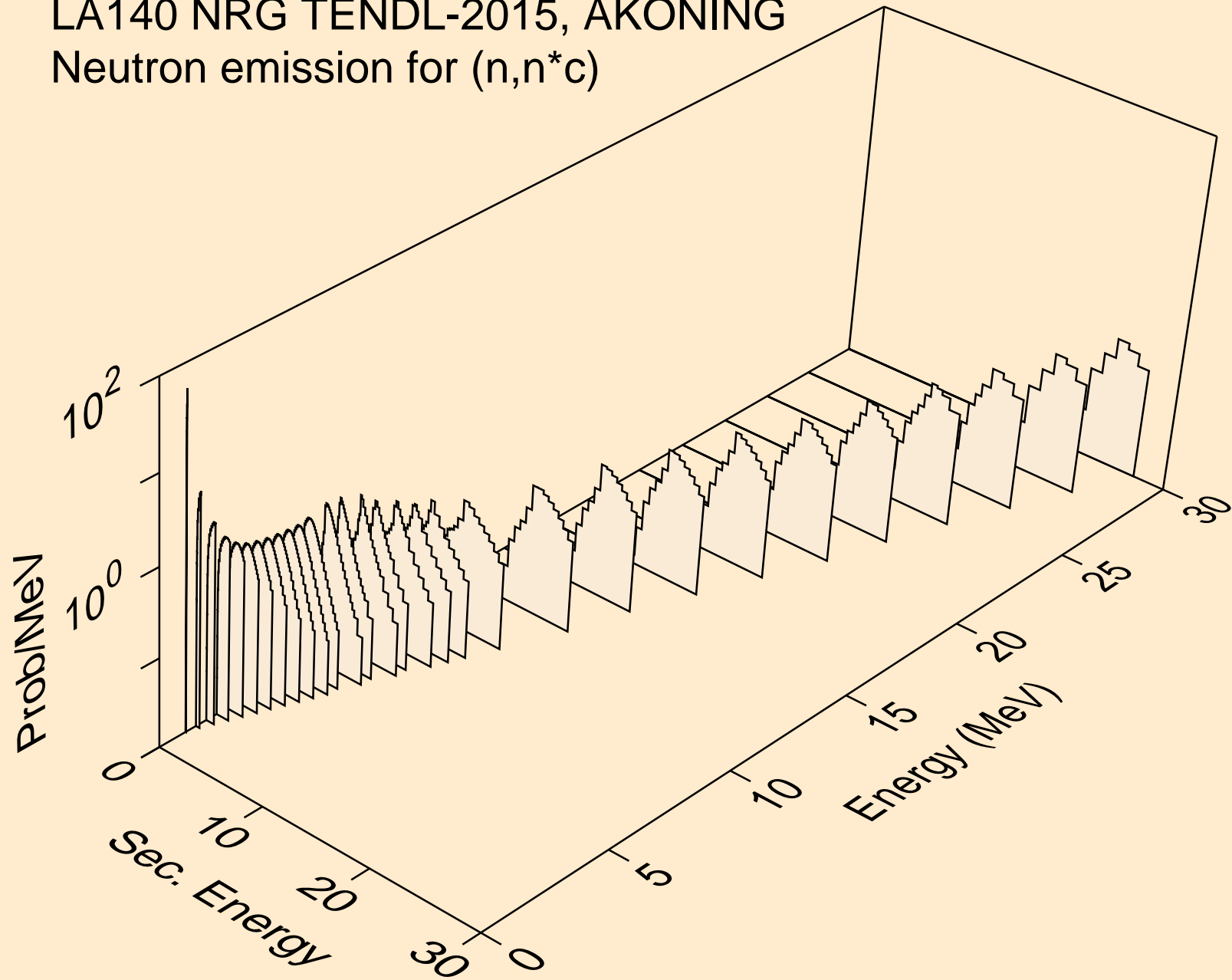
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



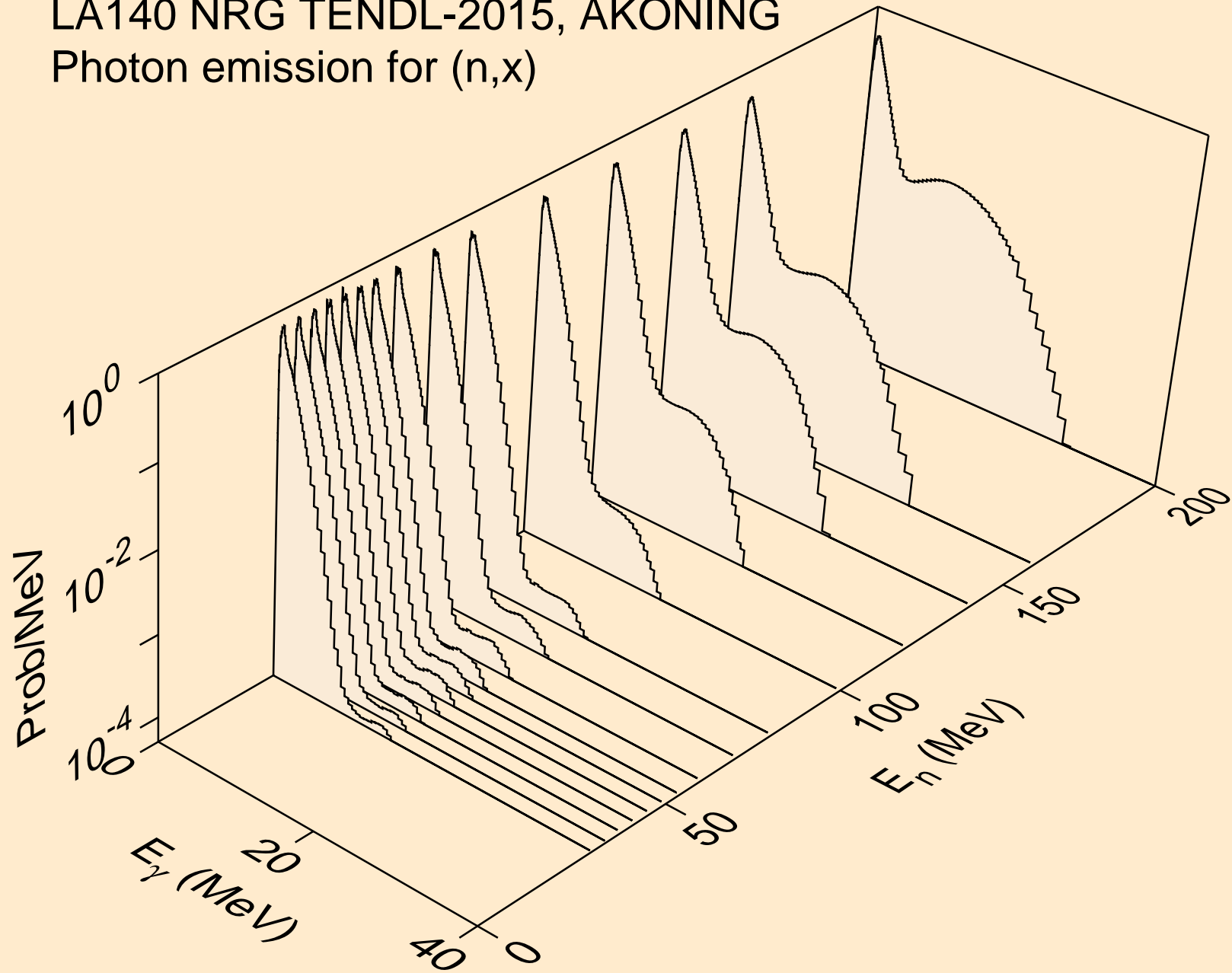
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



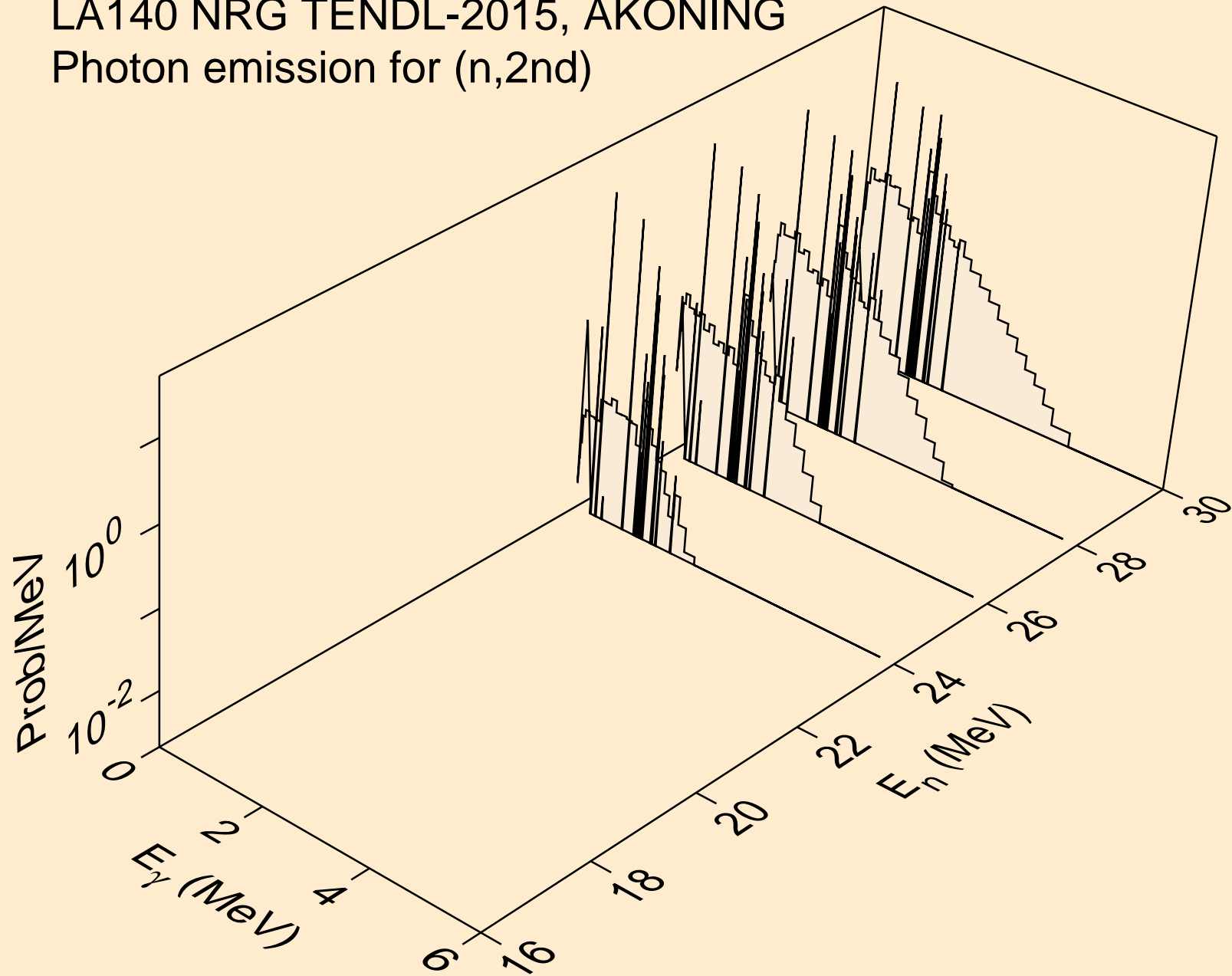
LA140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



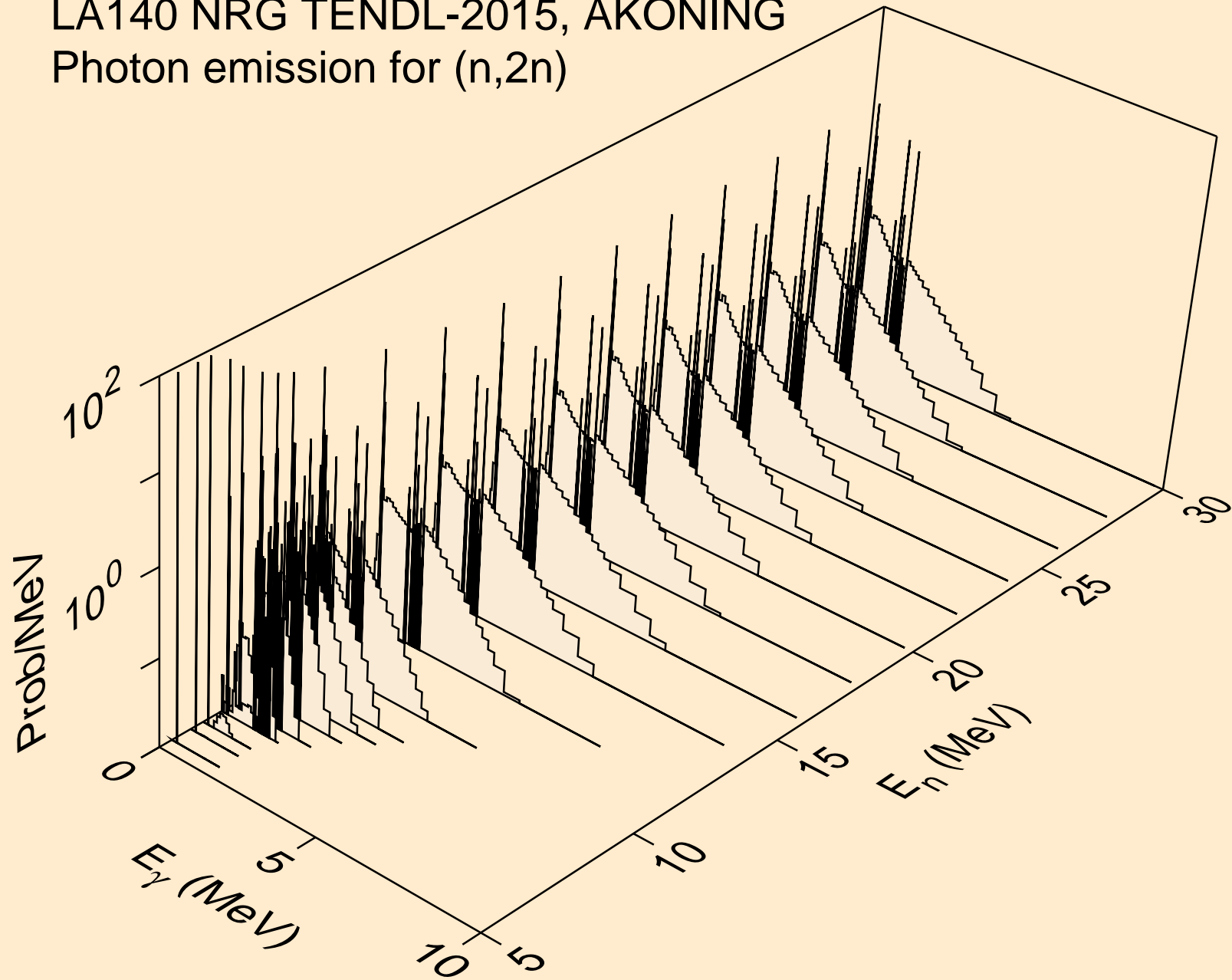
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



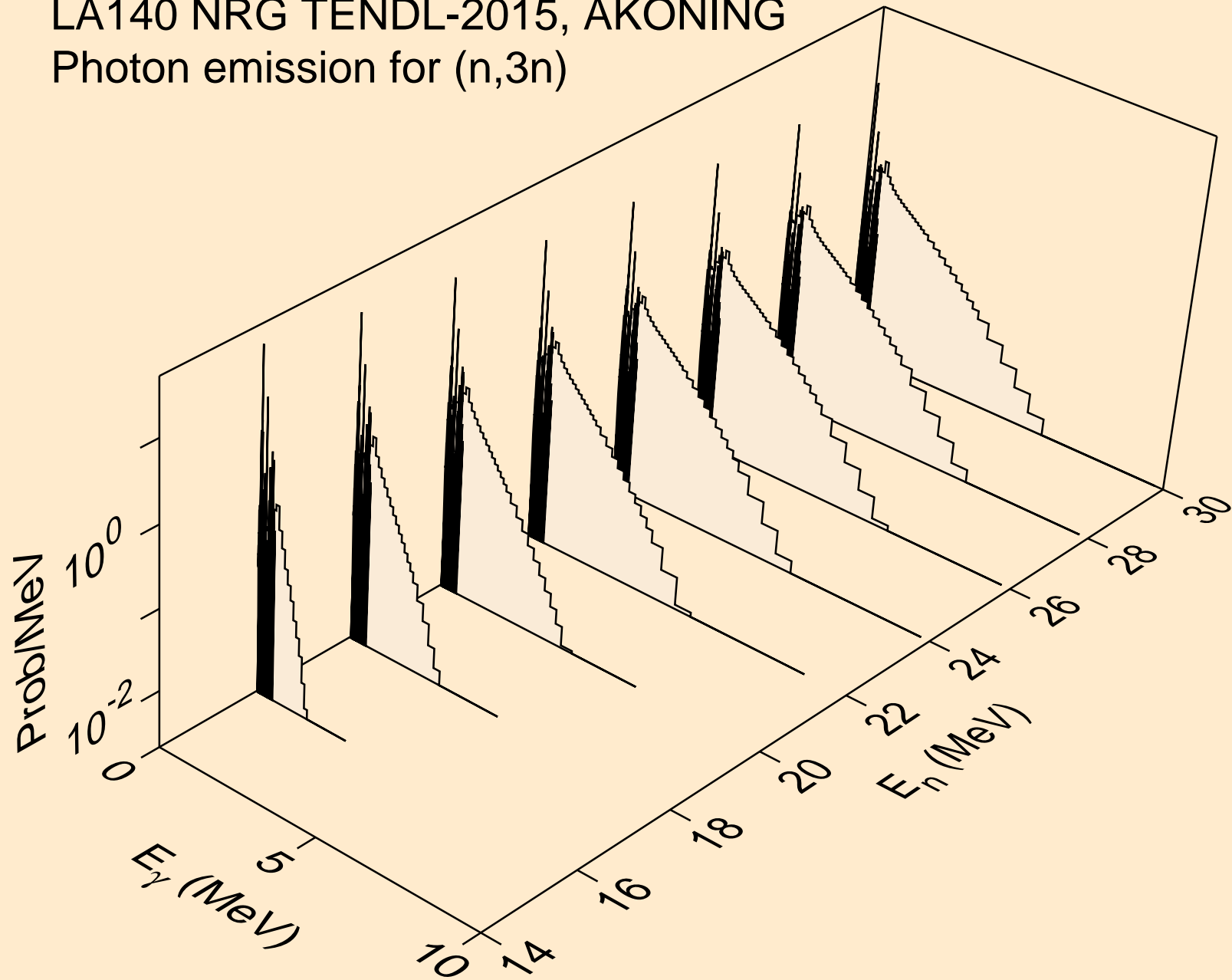
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



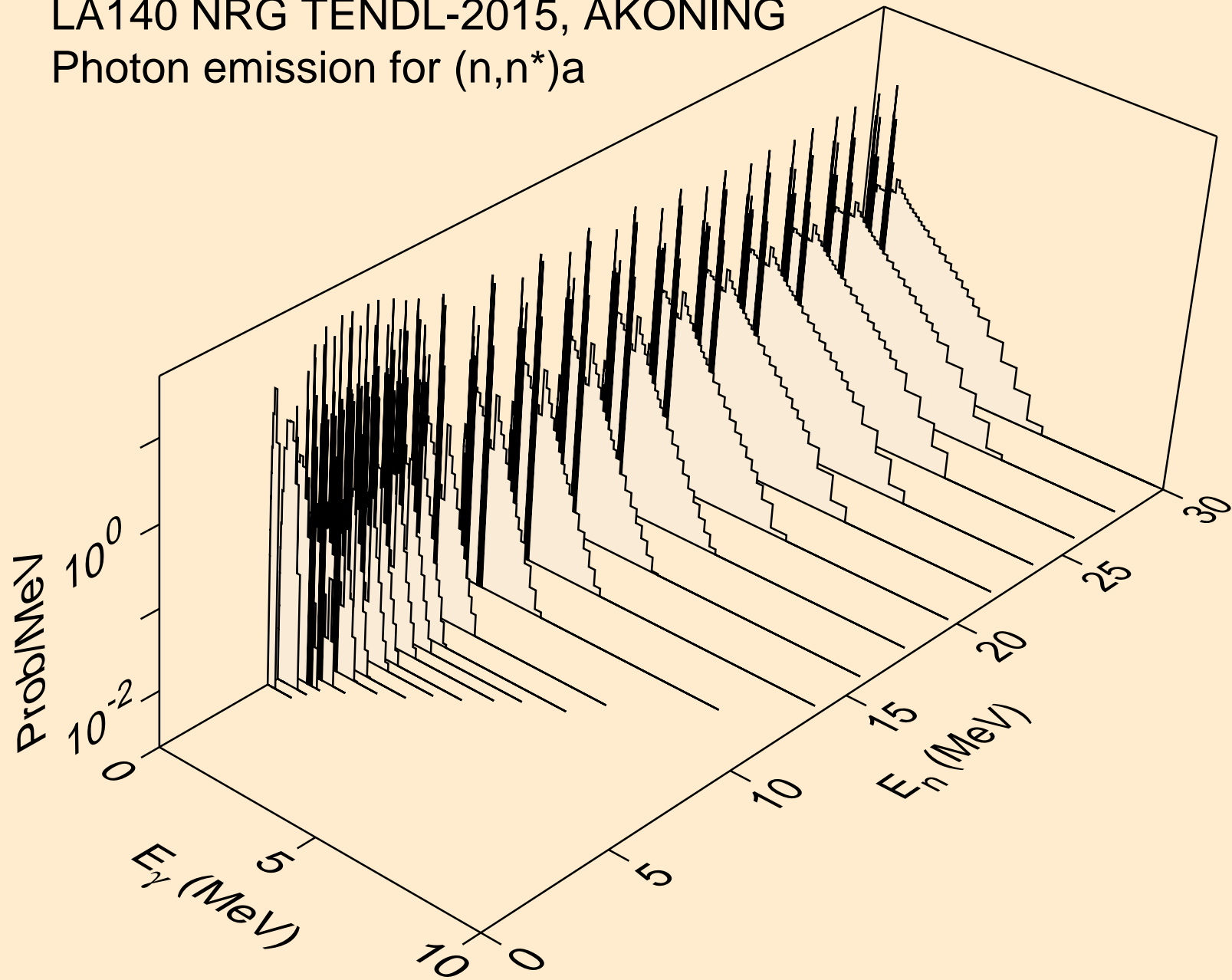
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

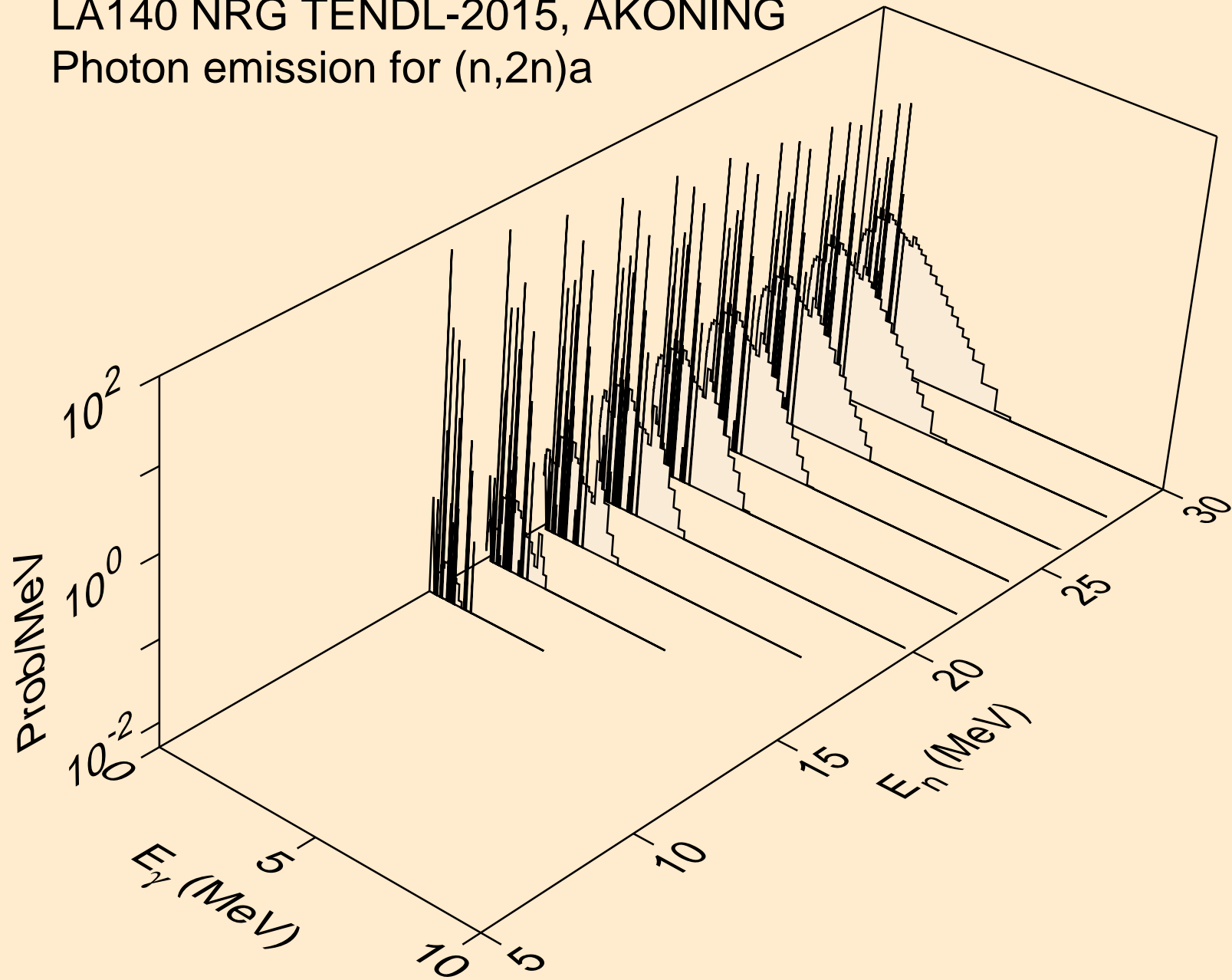


LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

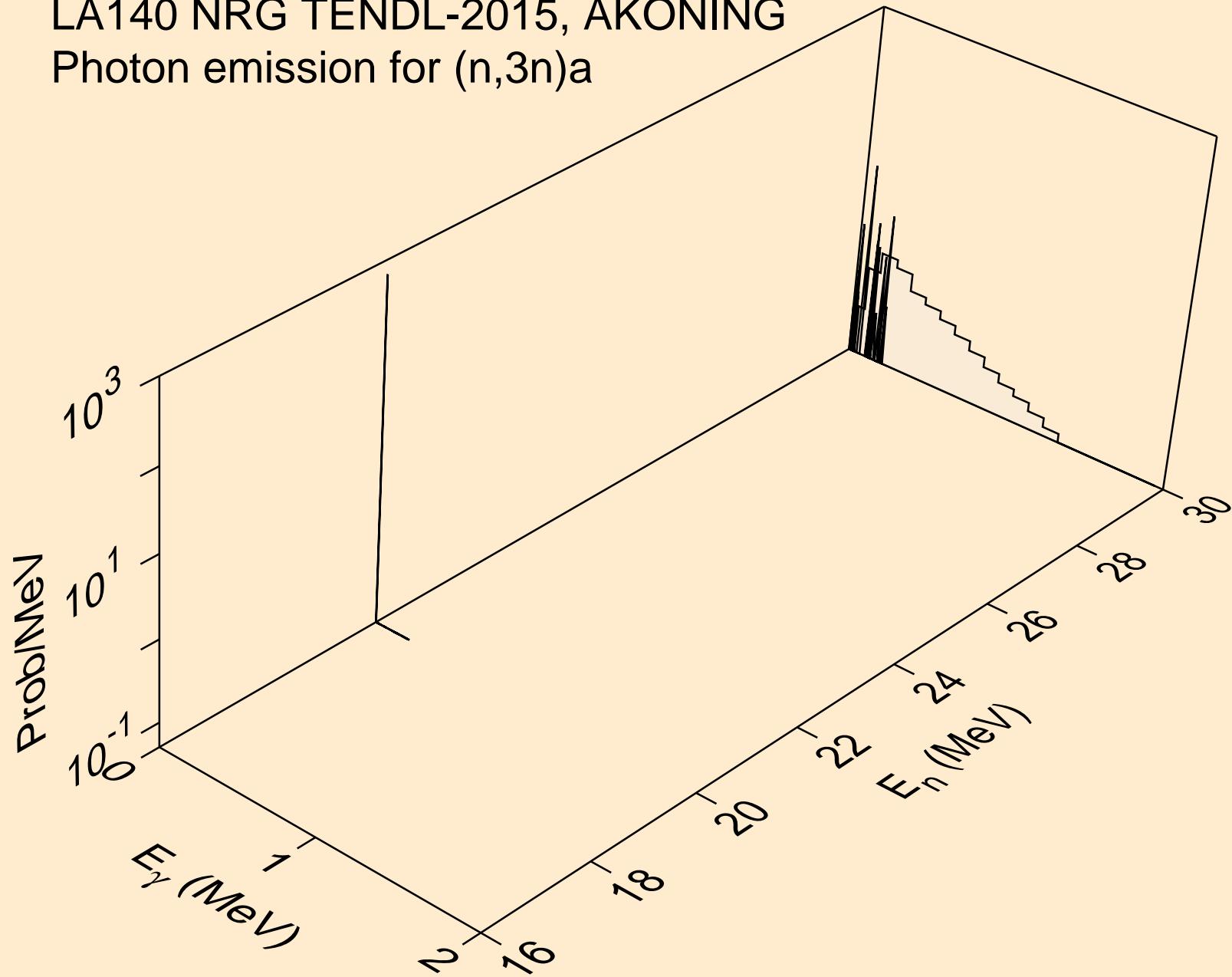




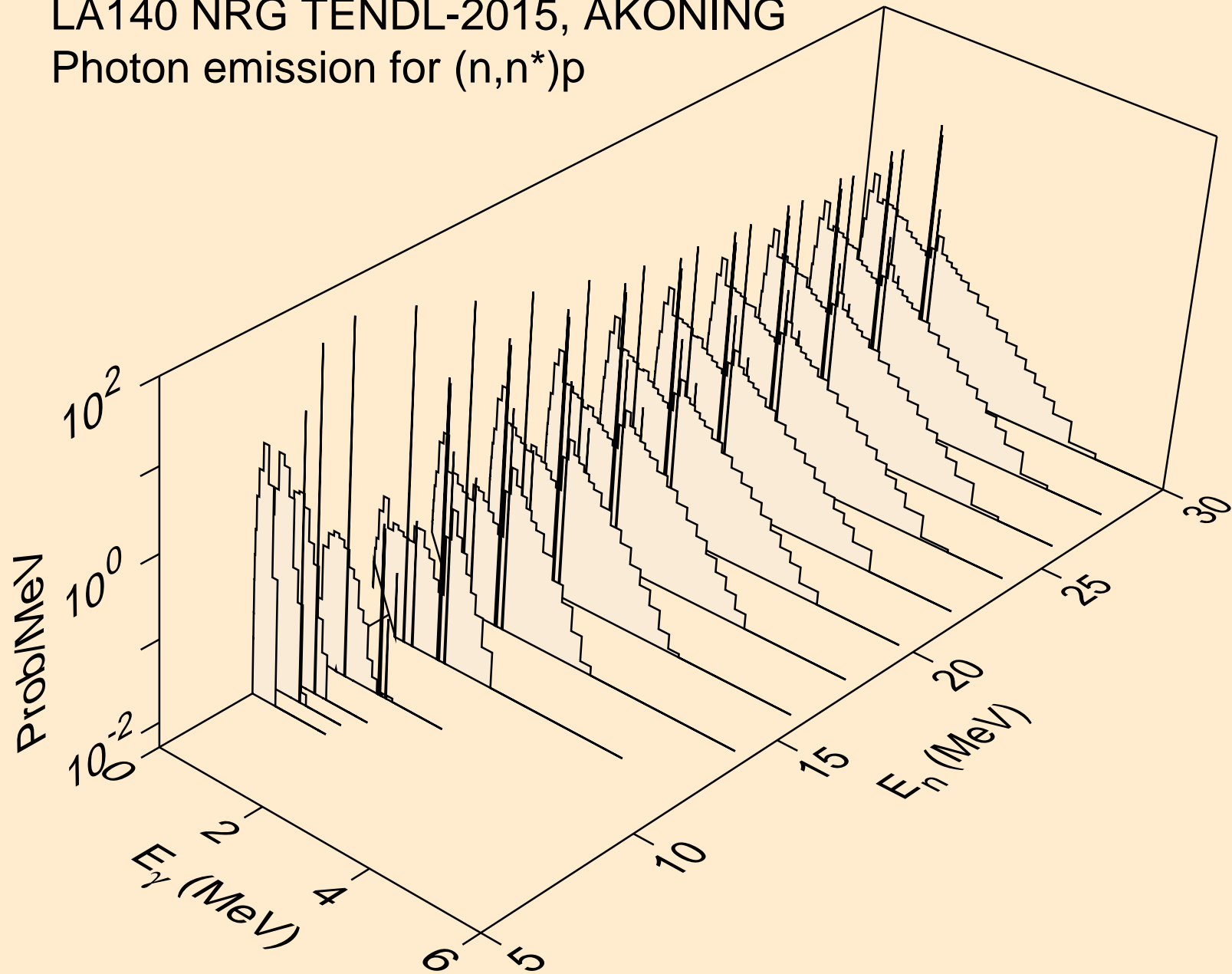
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



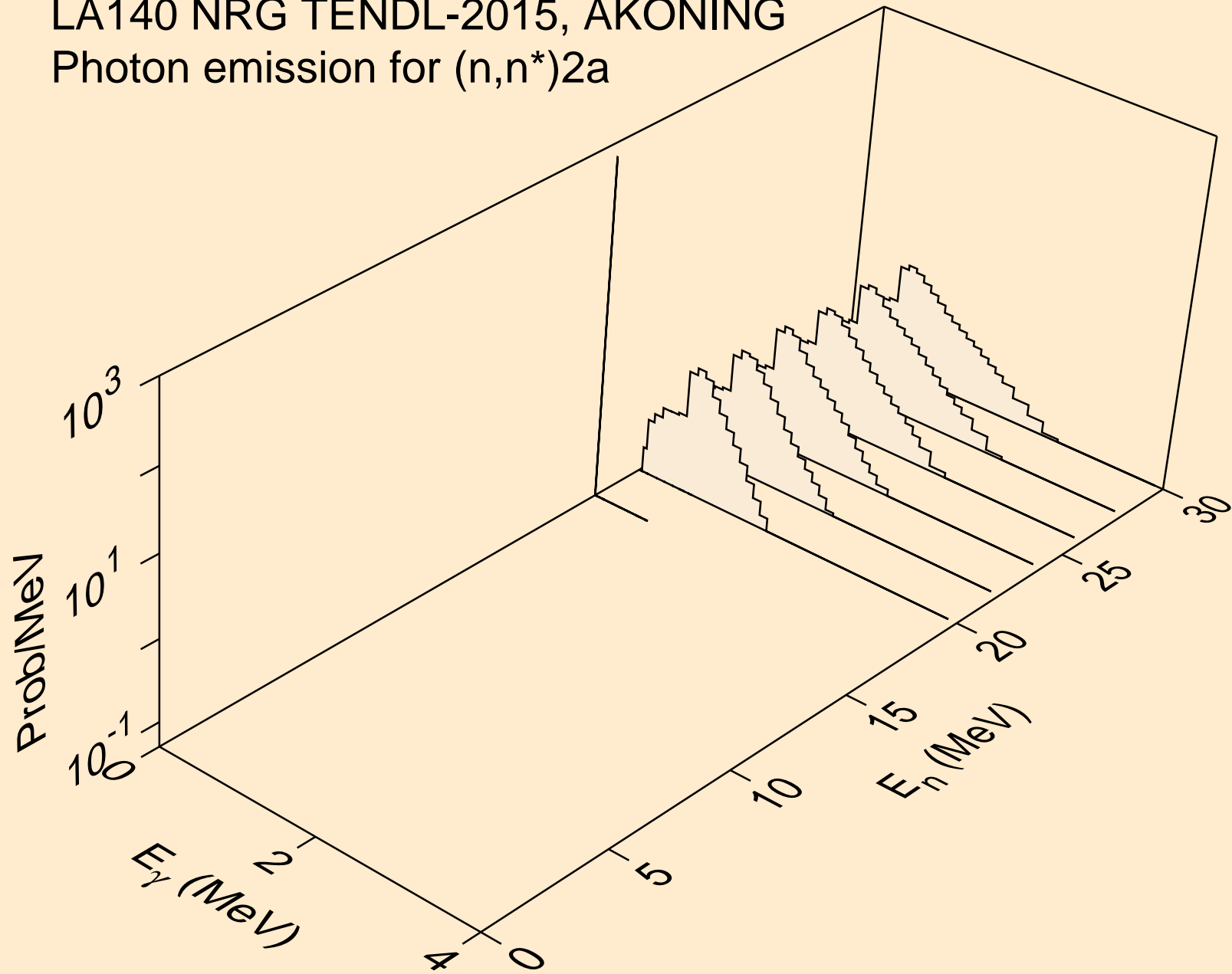
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



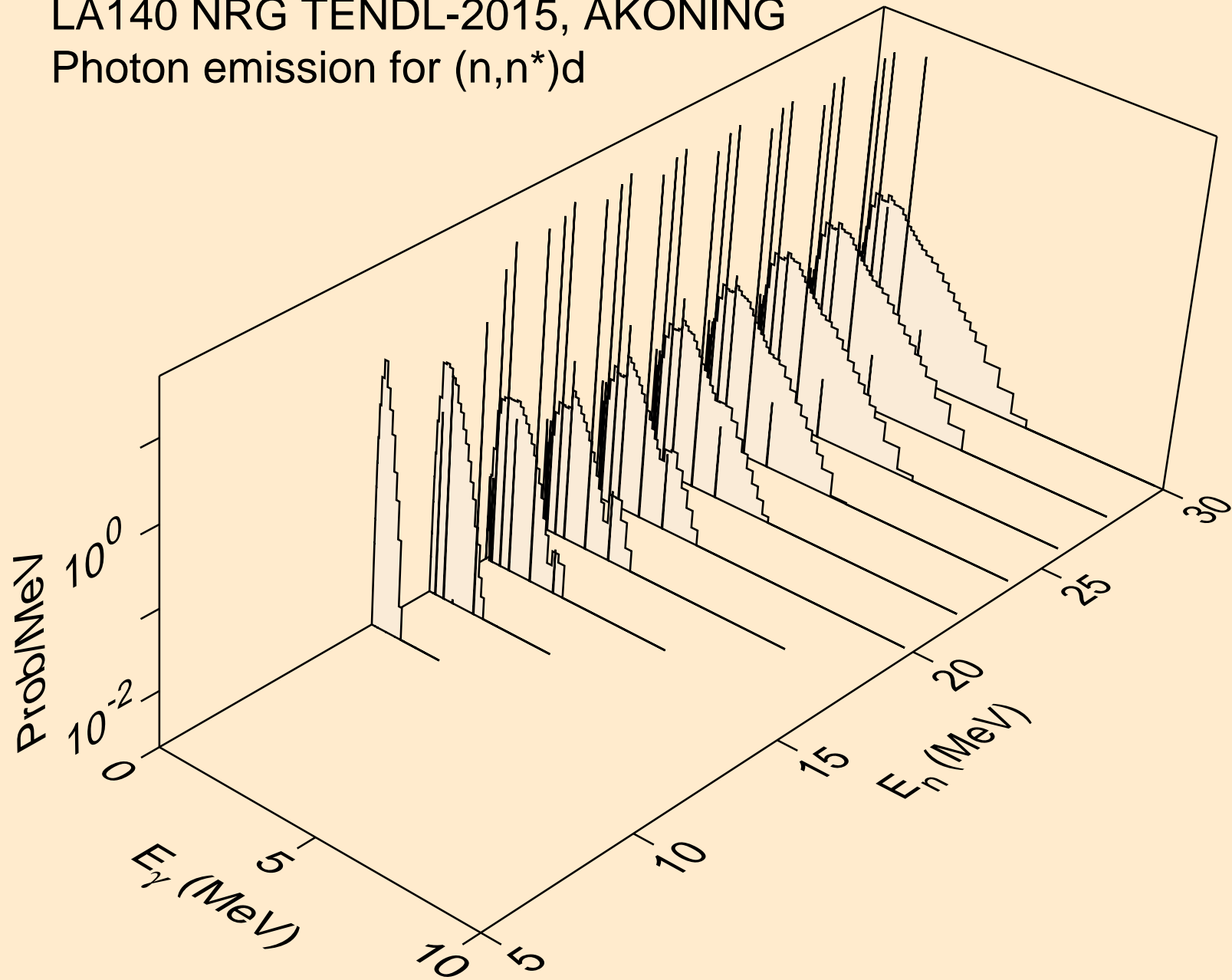
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



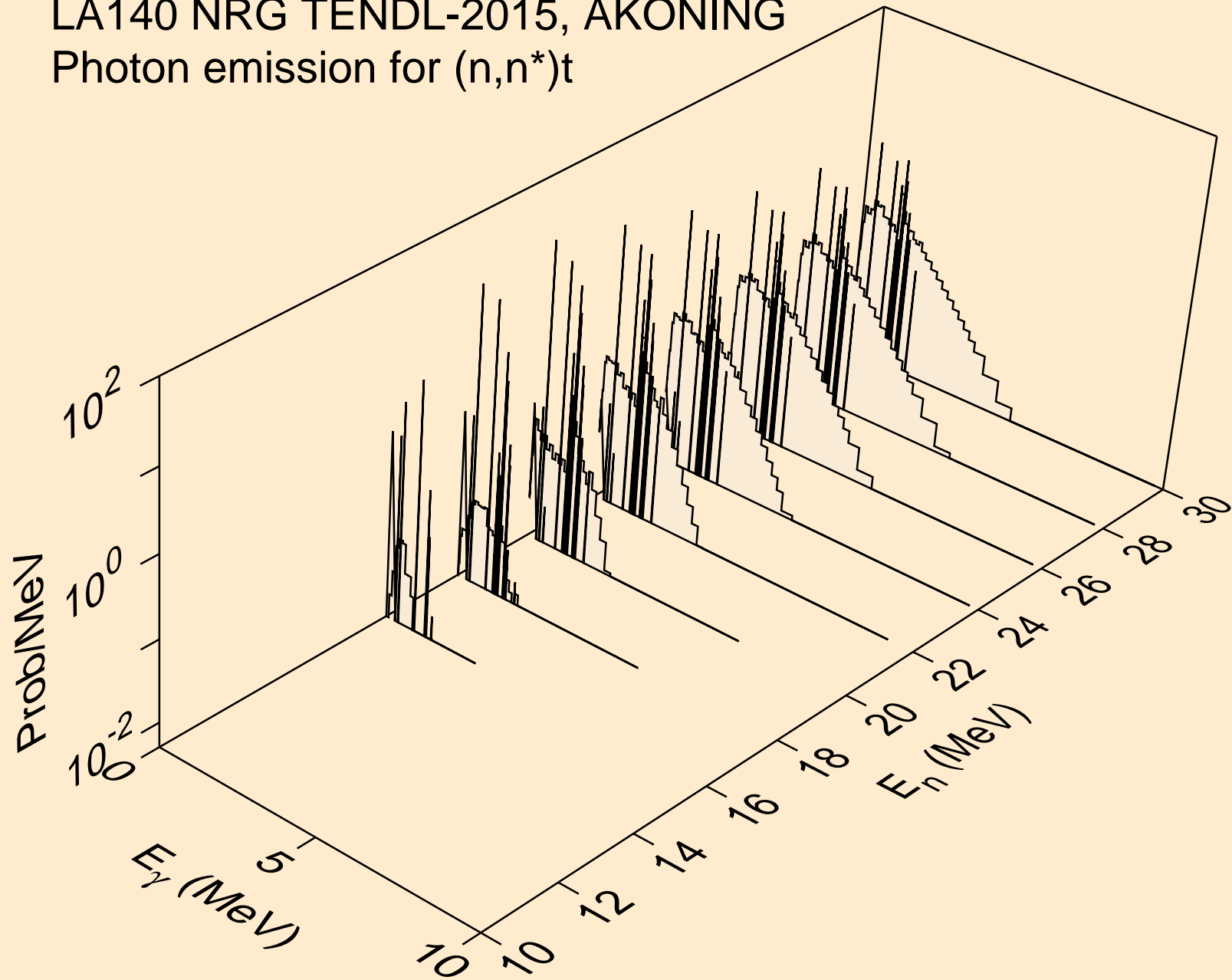
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



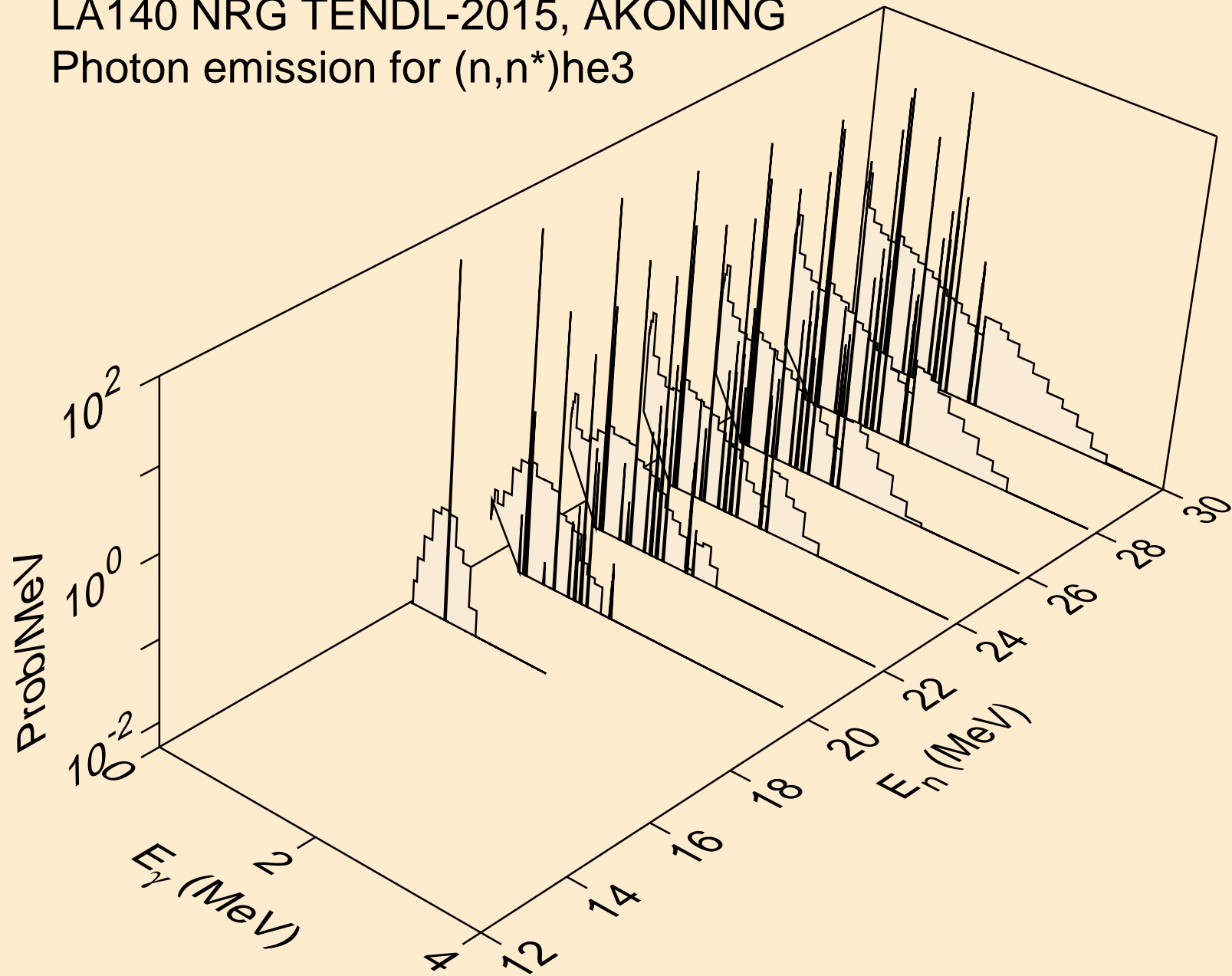
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



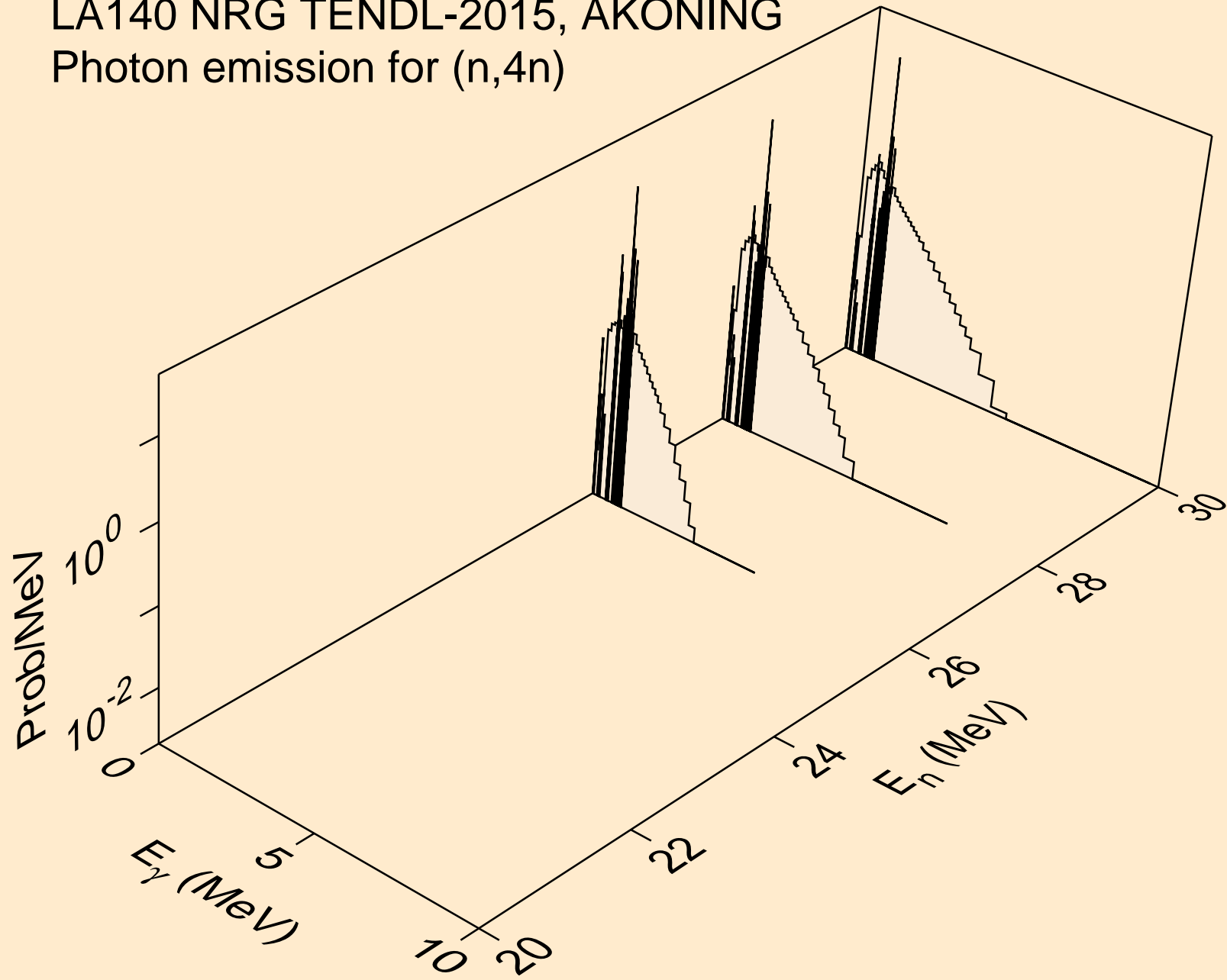
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

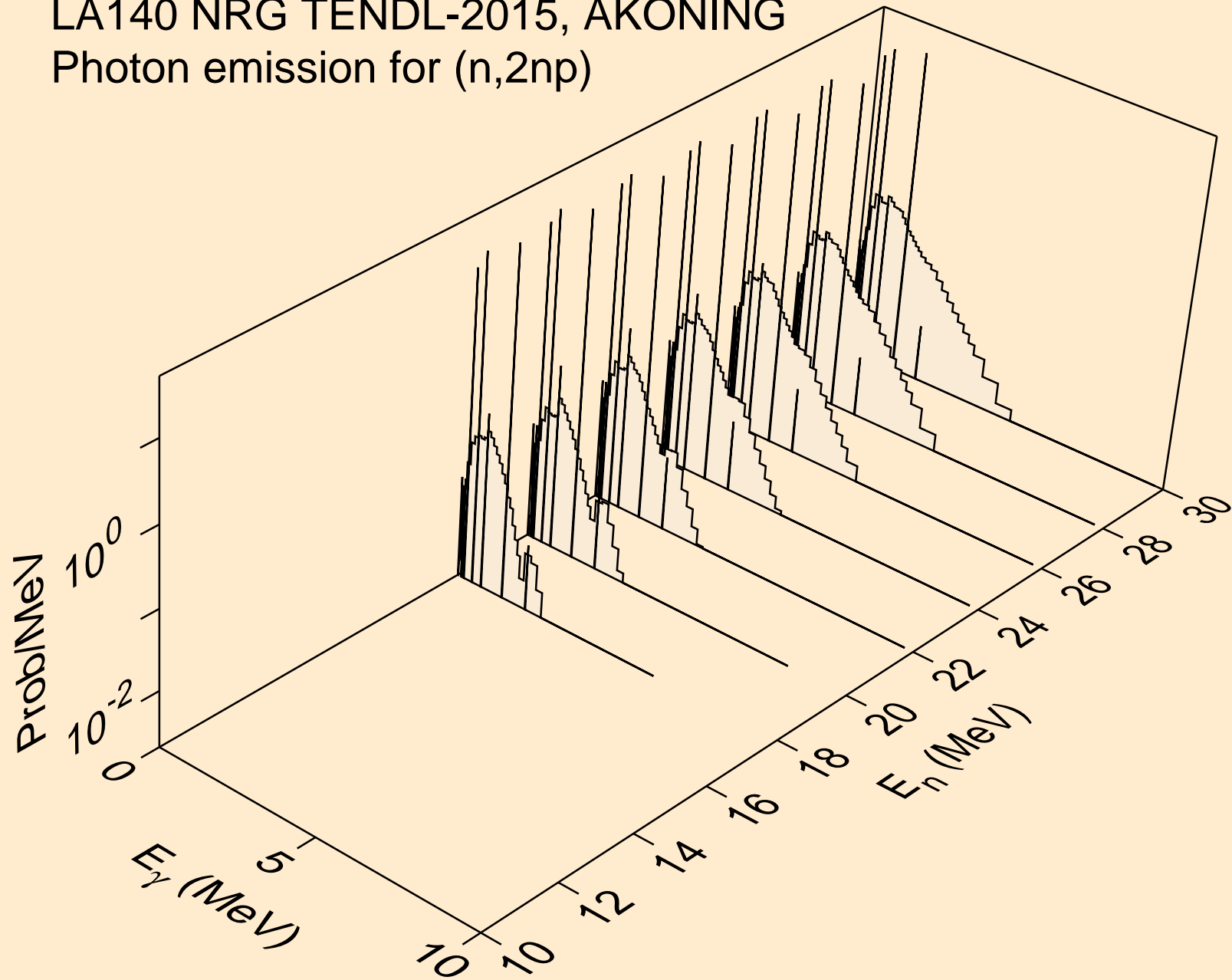


LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

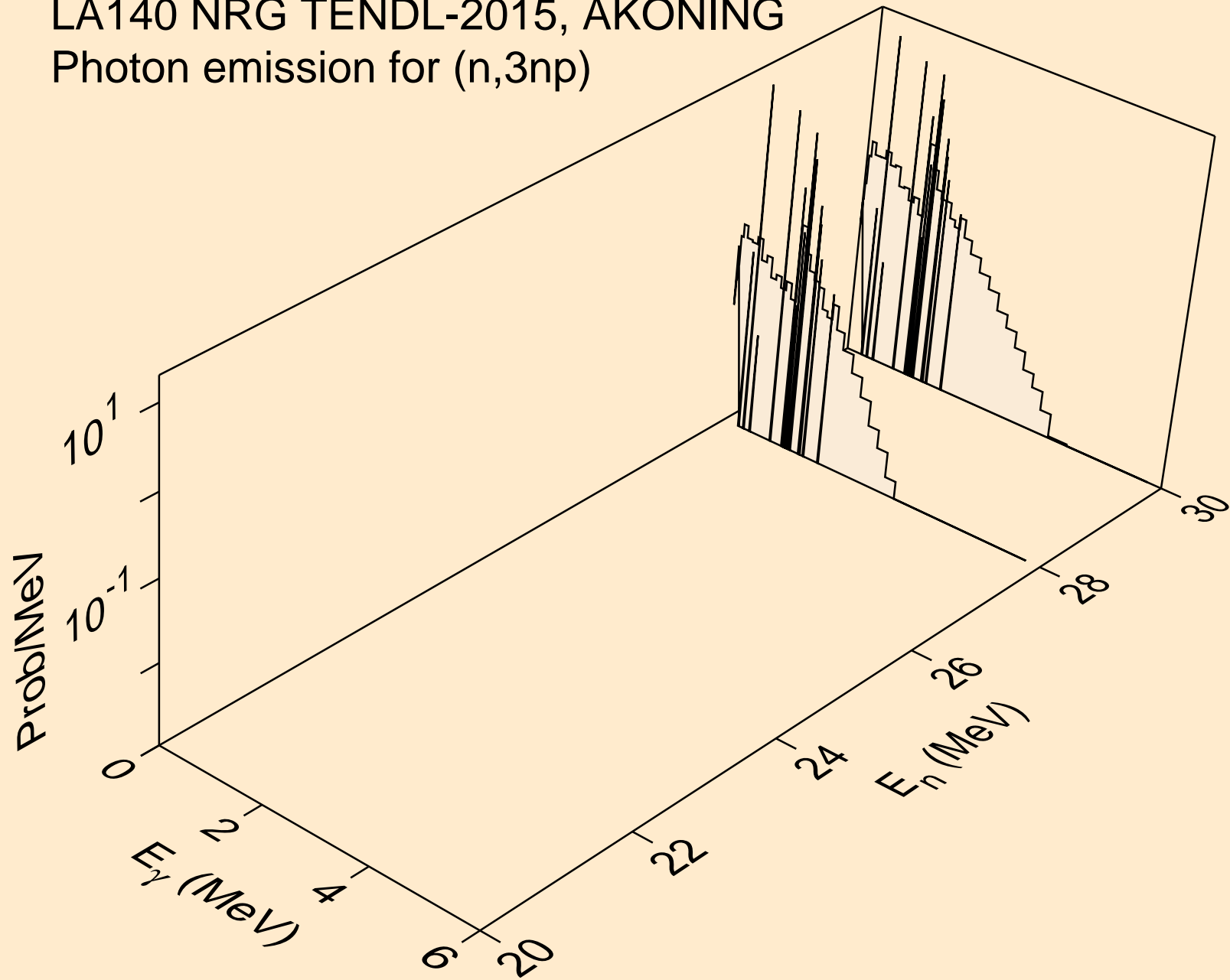




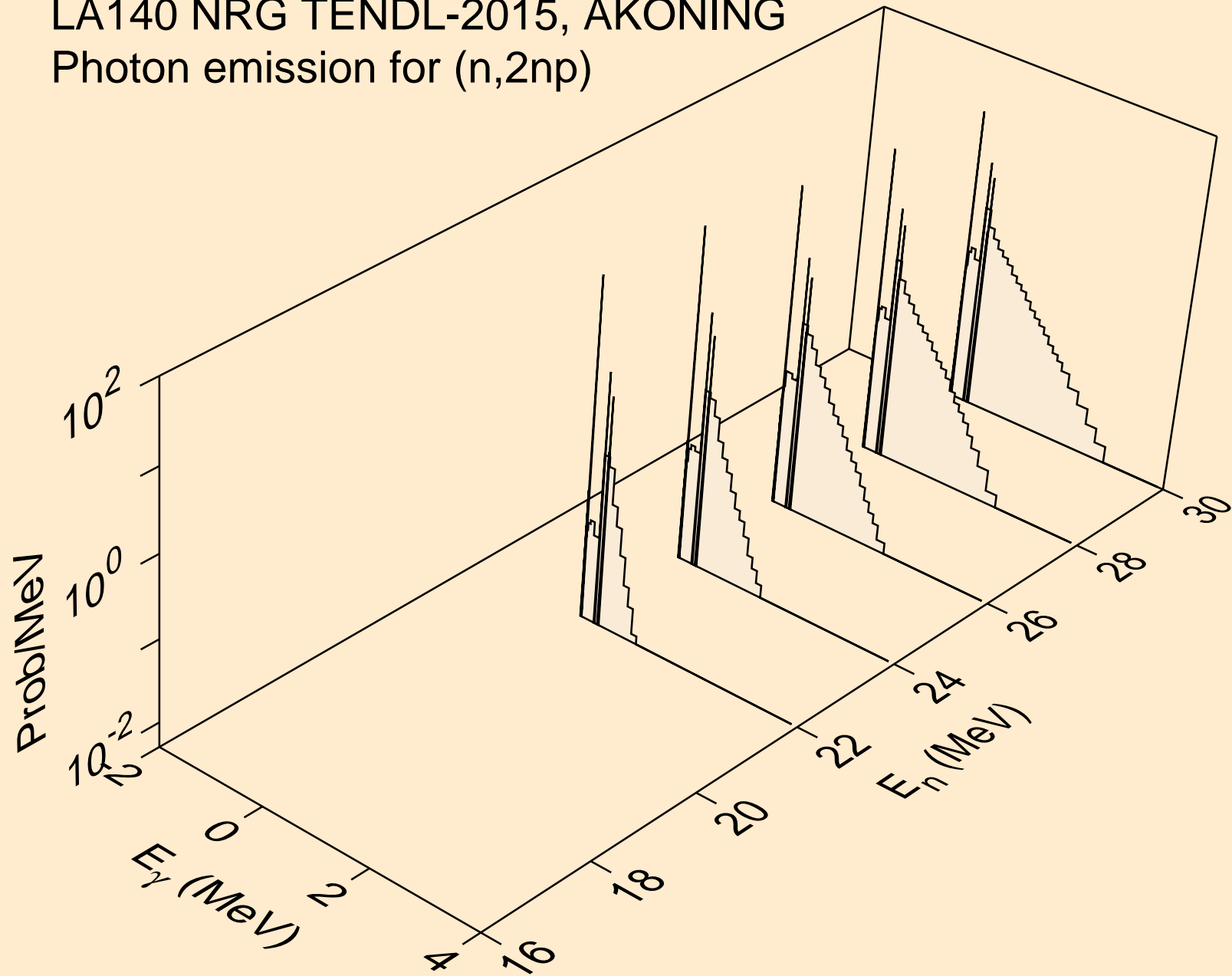
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



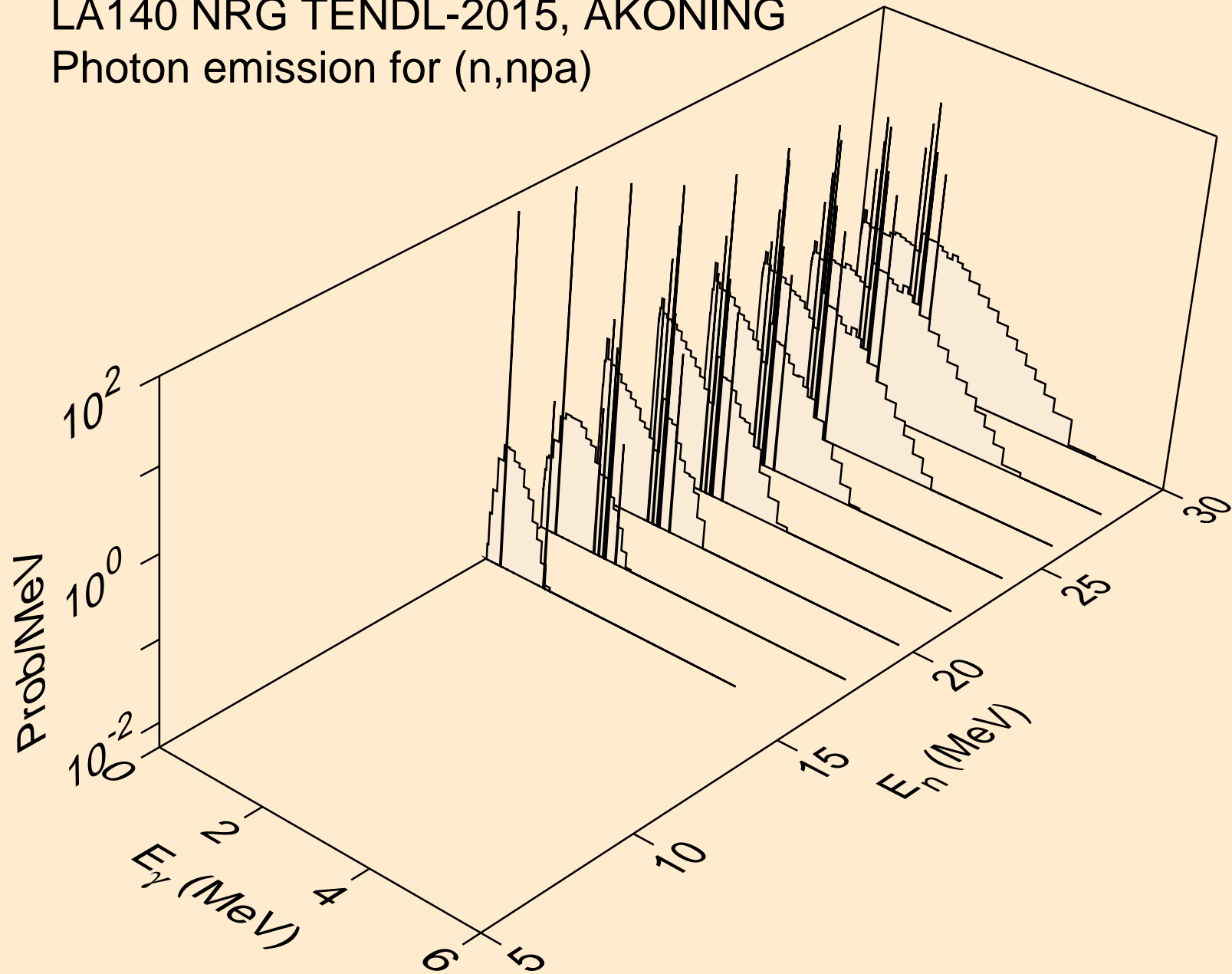
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



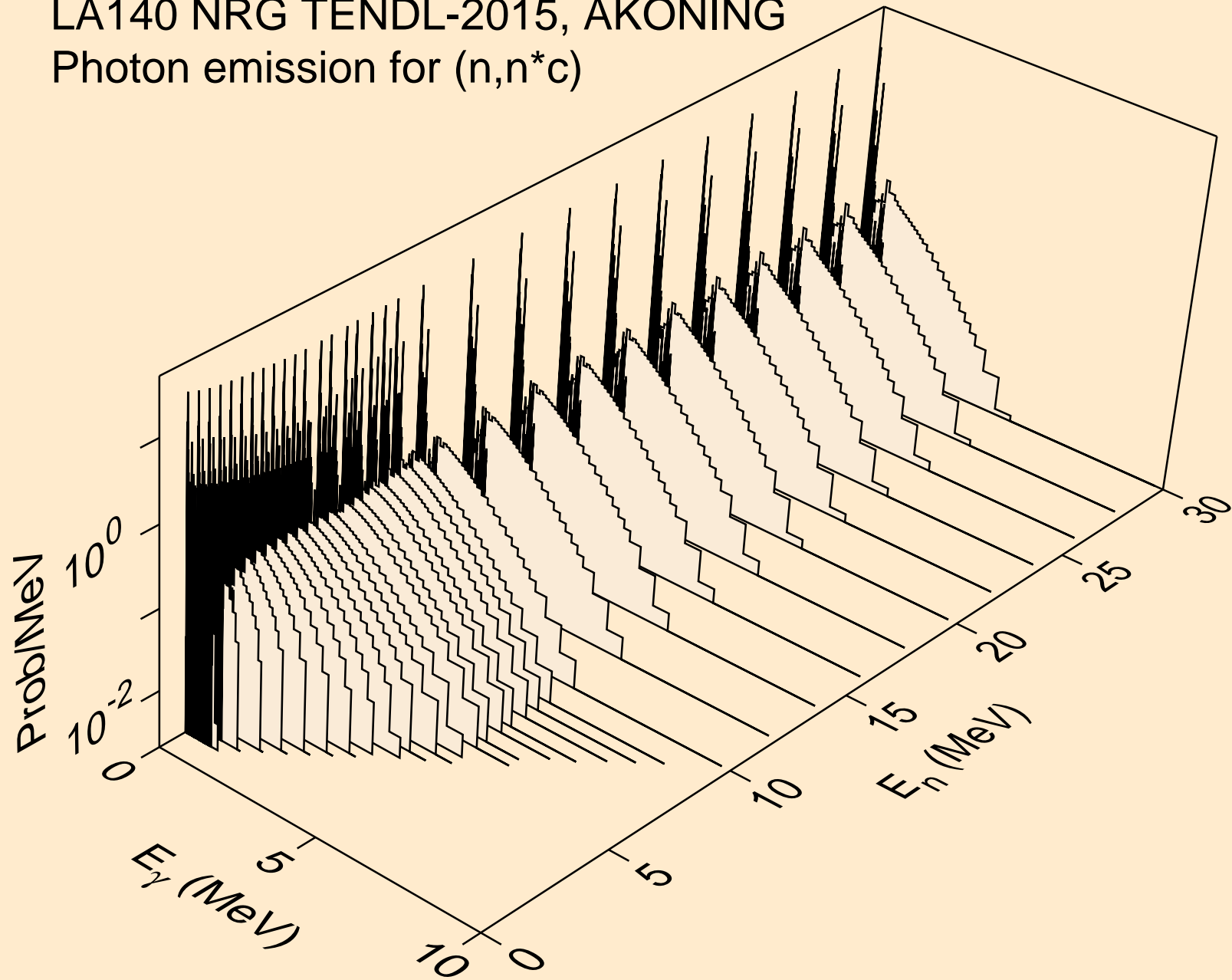
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



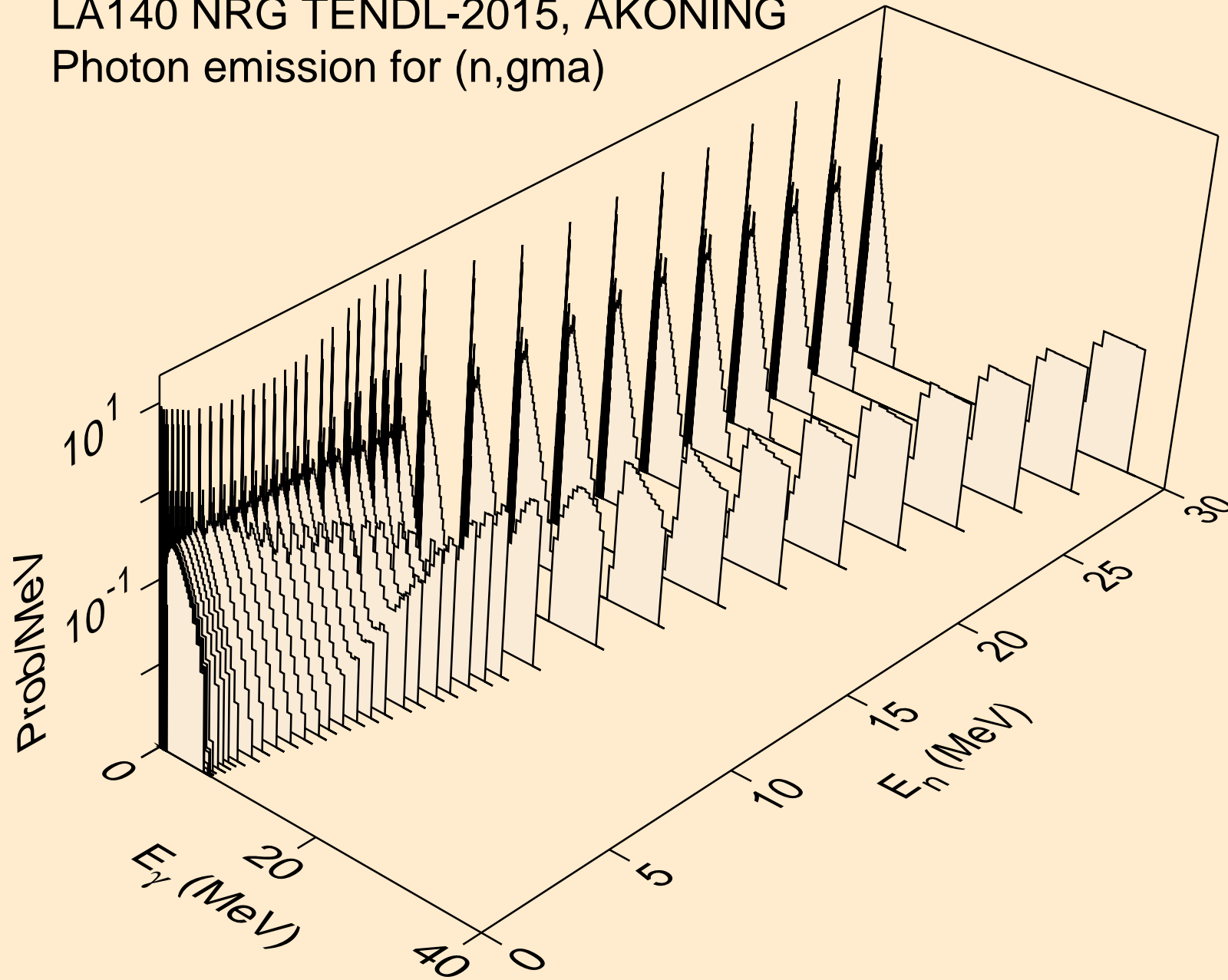
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



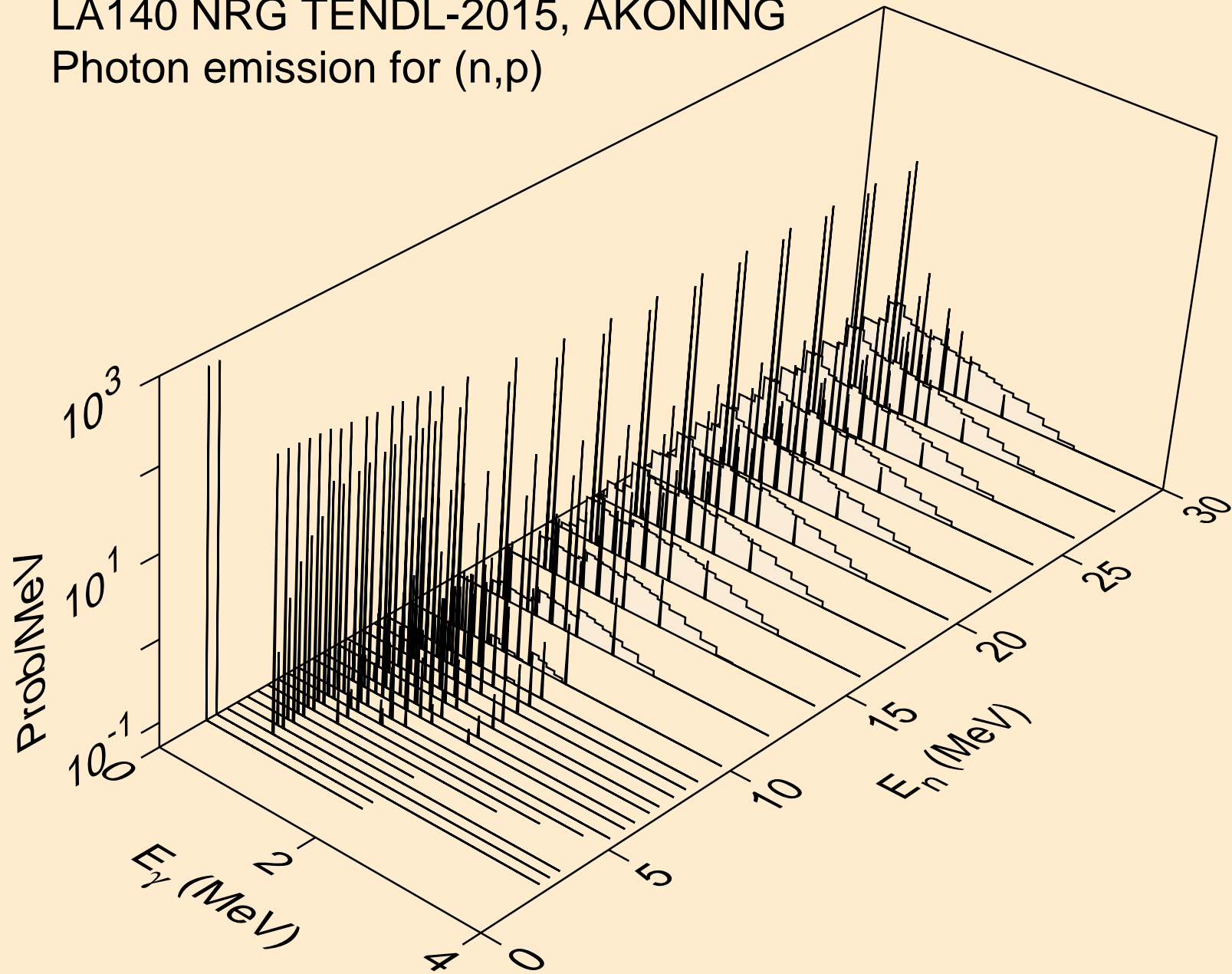
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



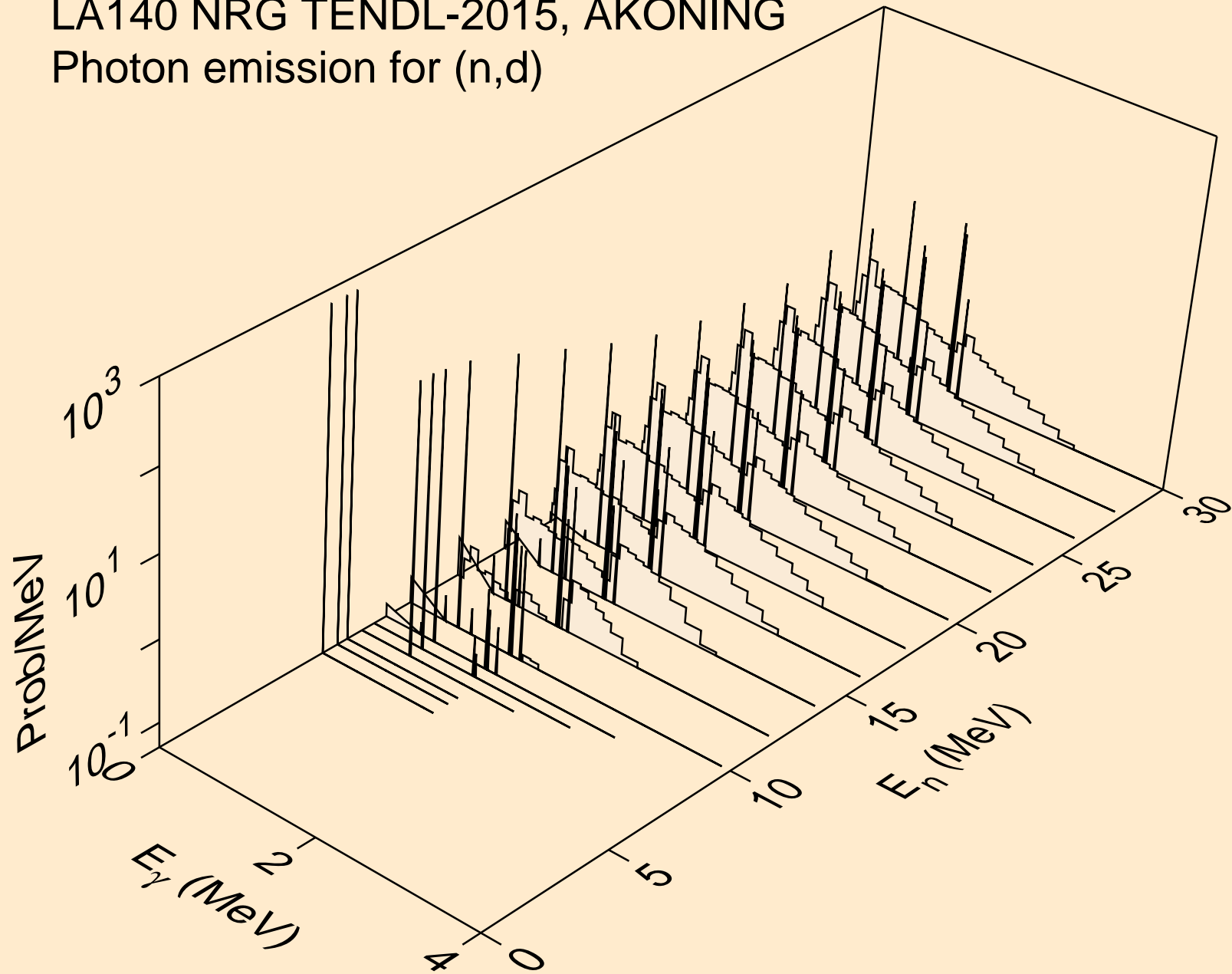
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

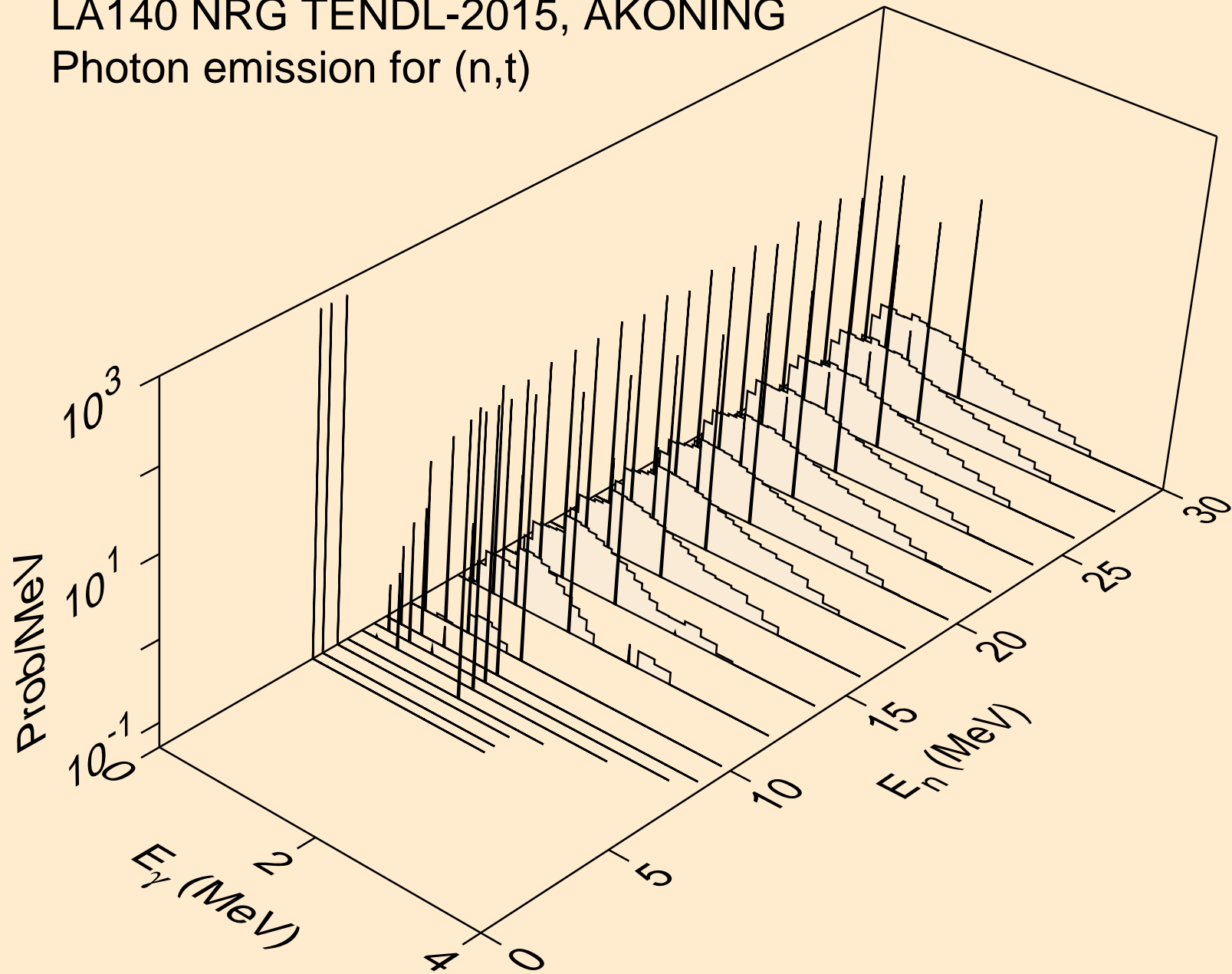


LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

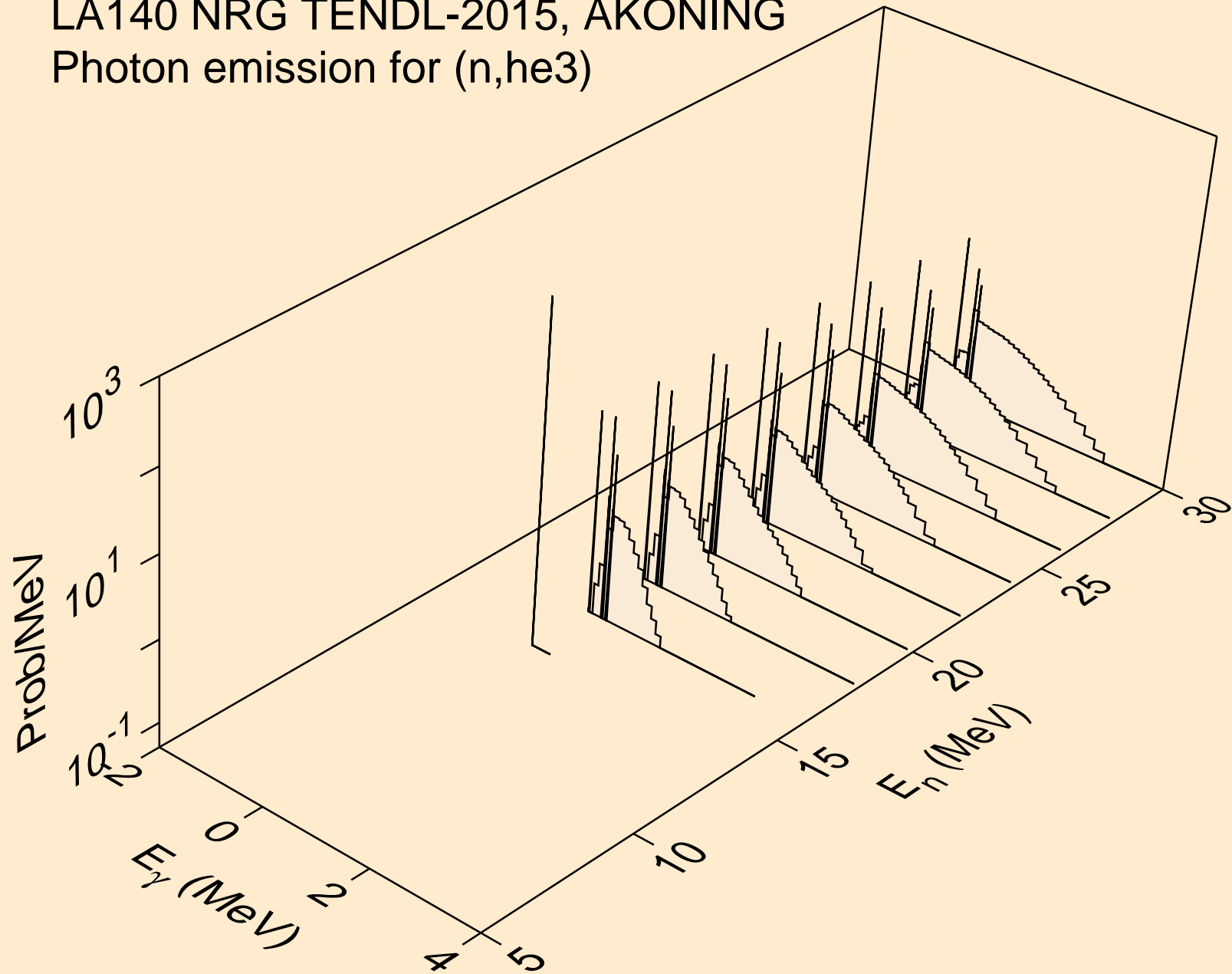




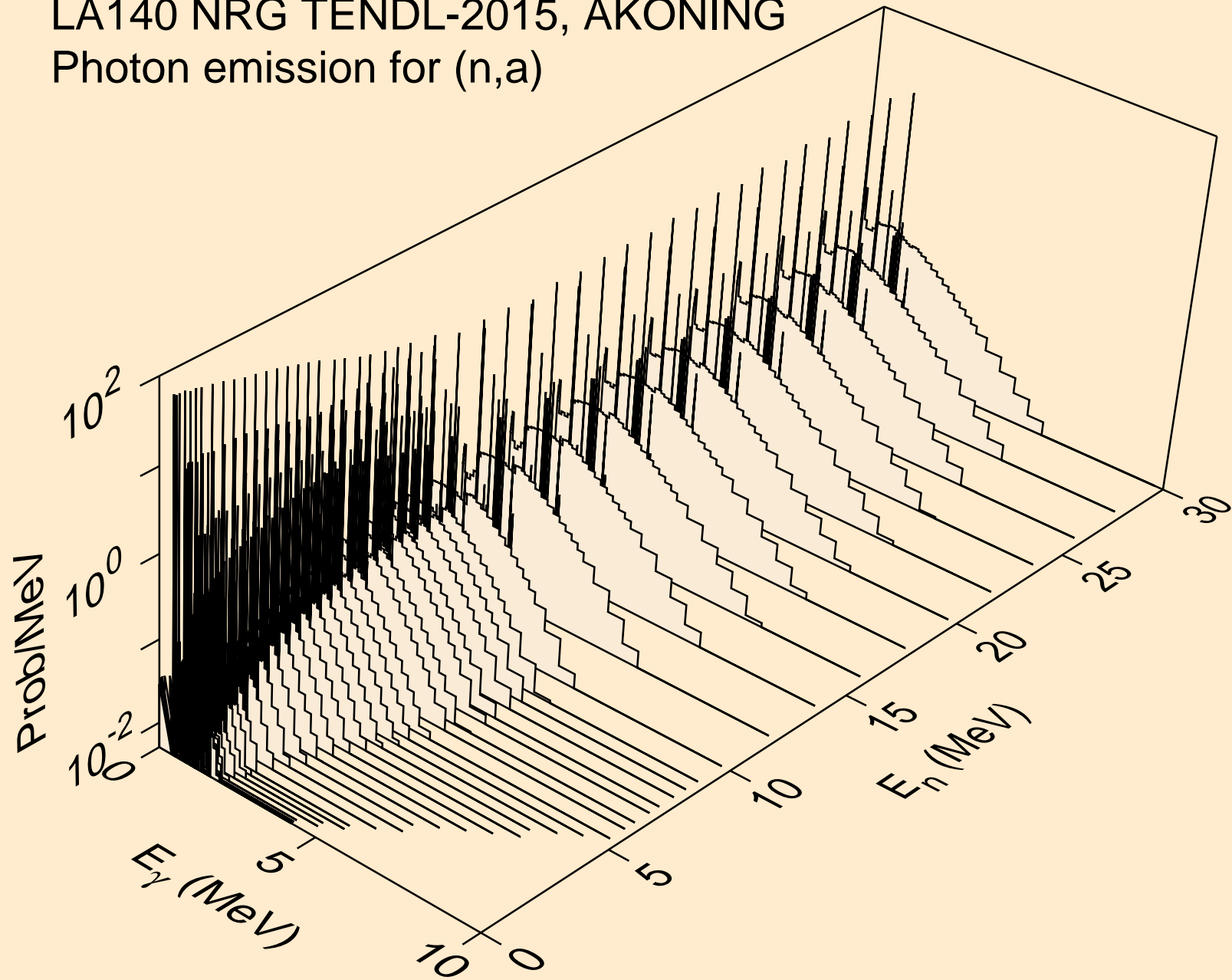
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



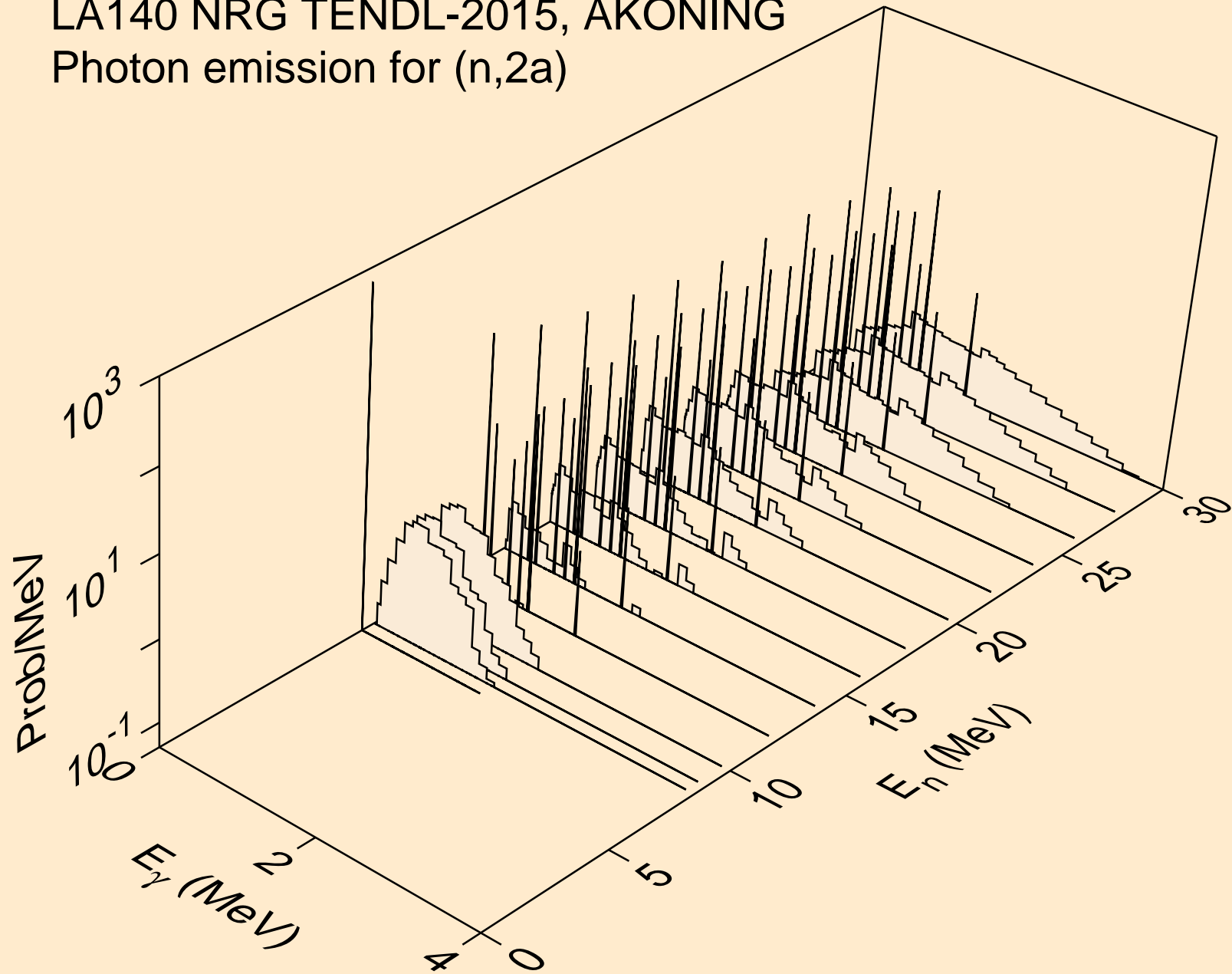
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



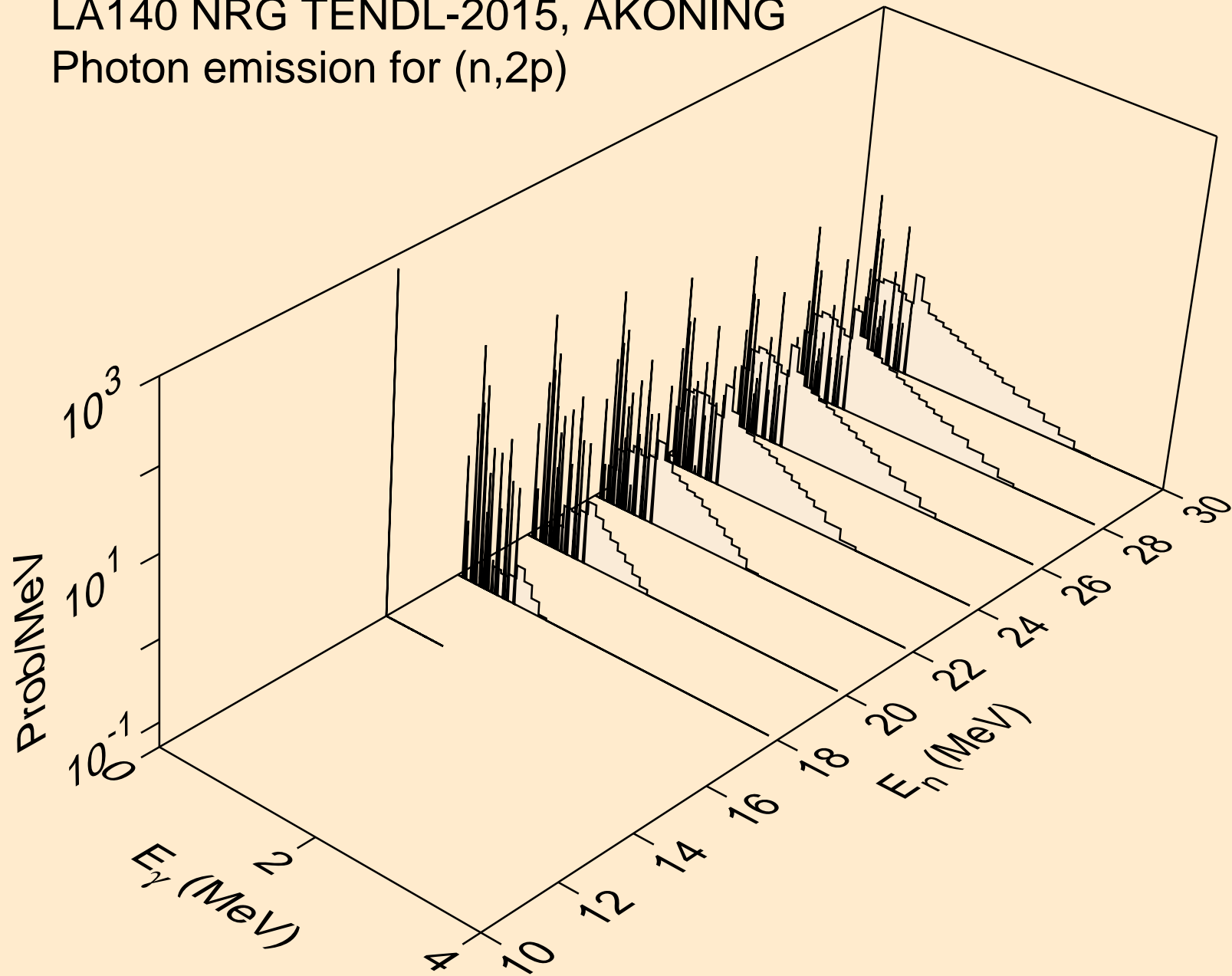
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



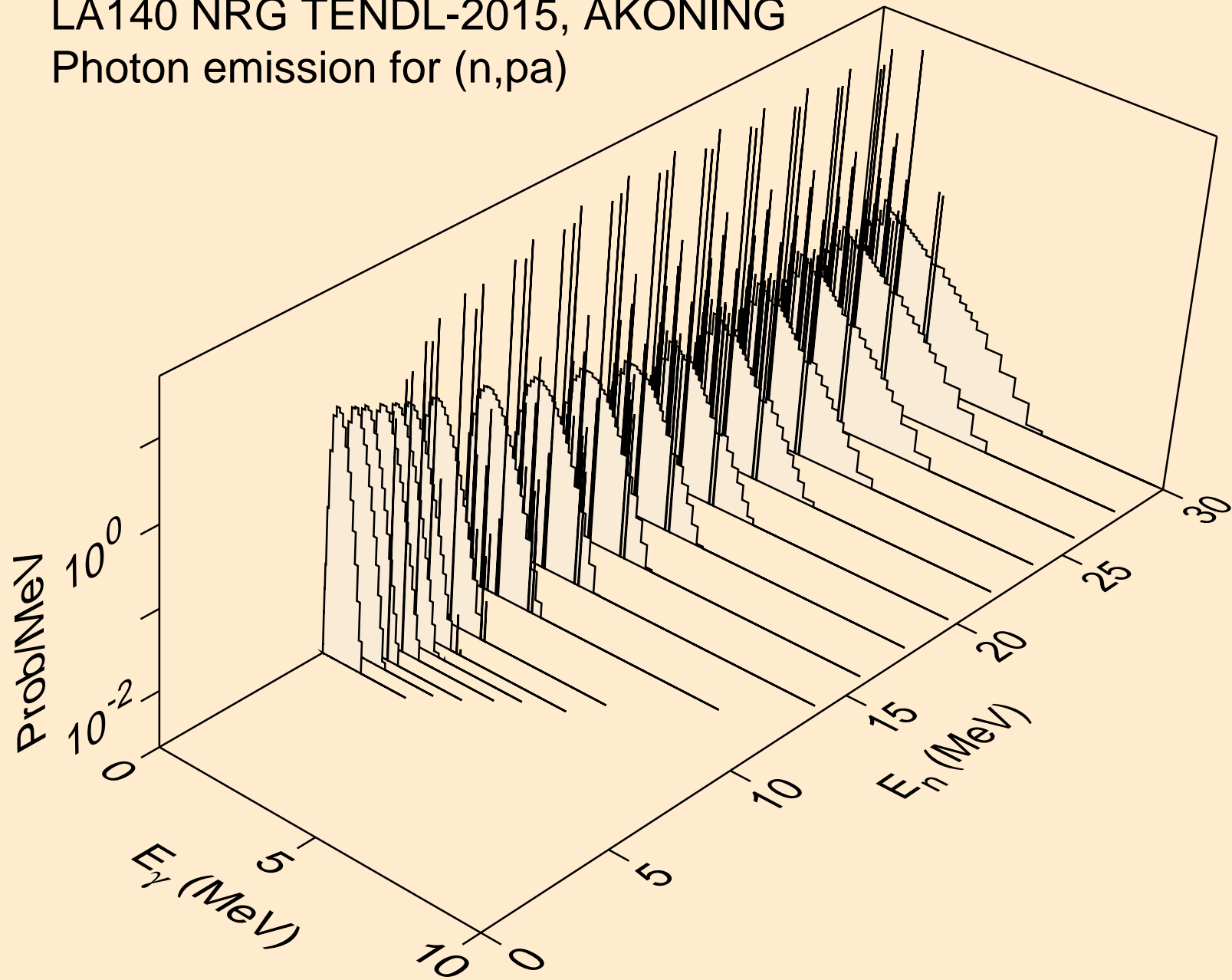
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



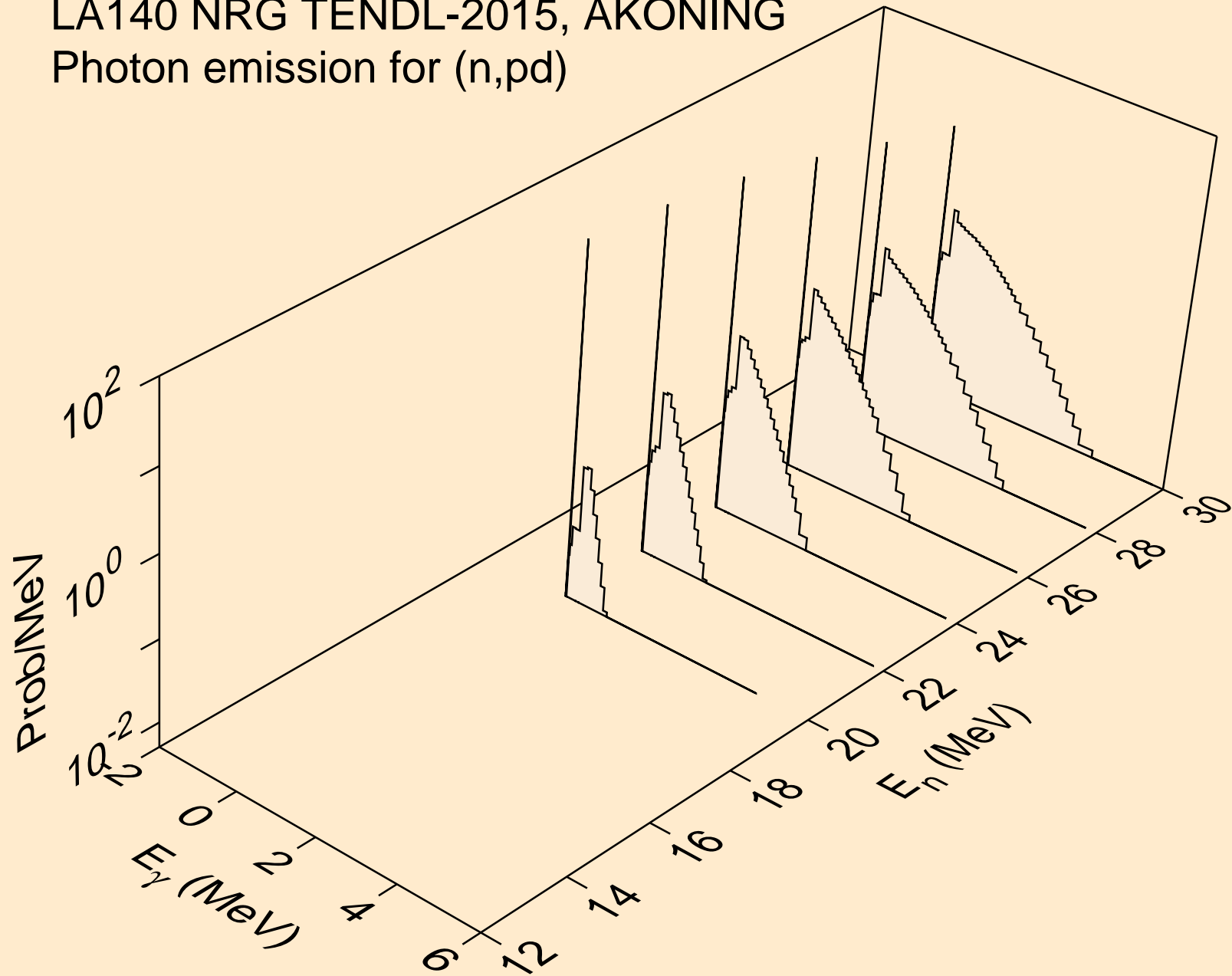
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



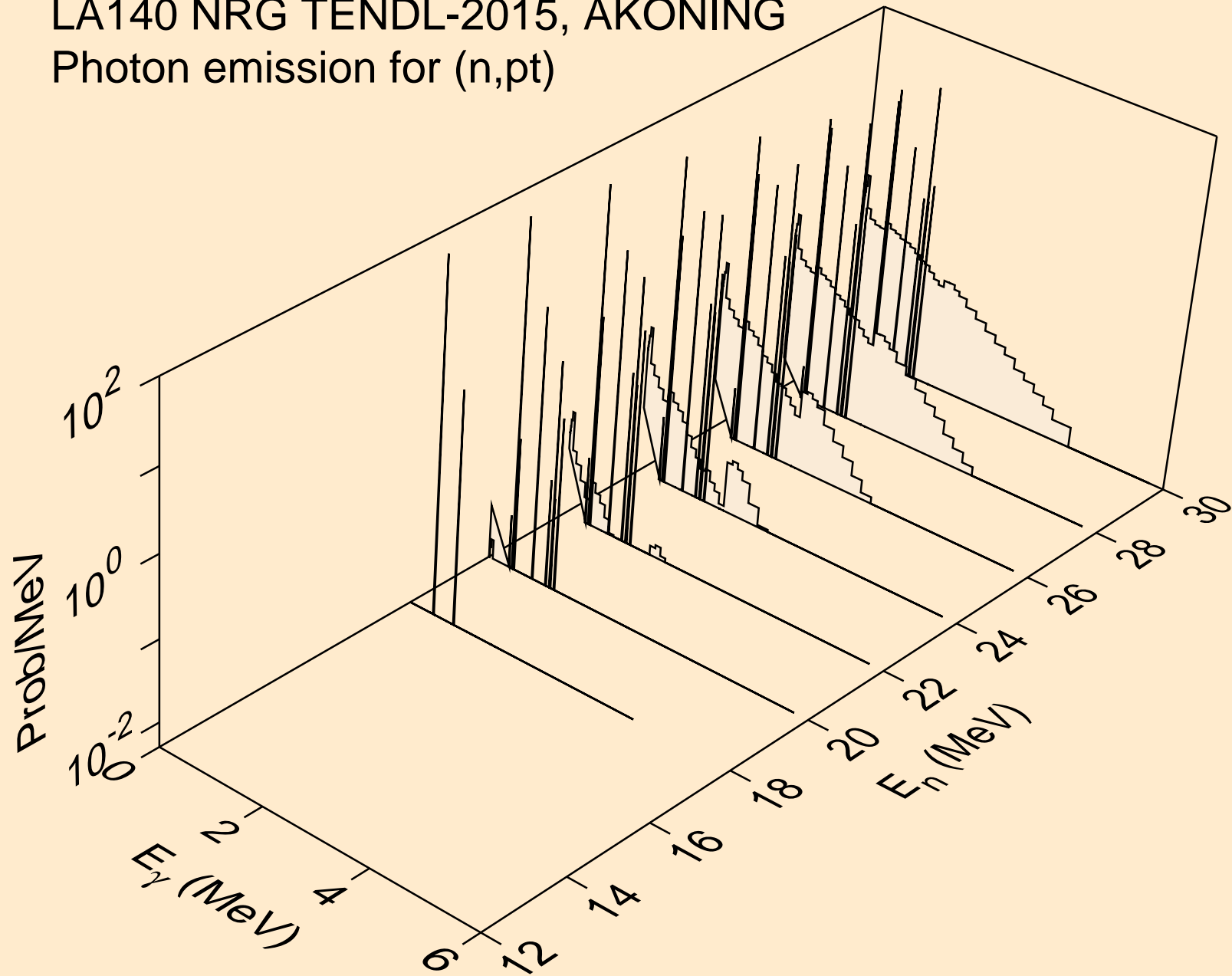
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

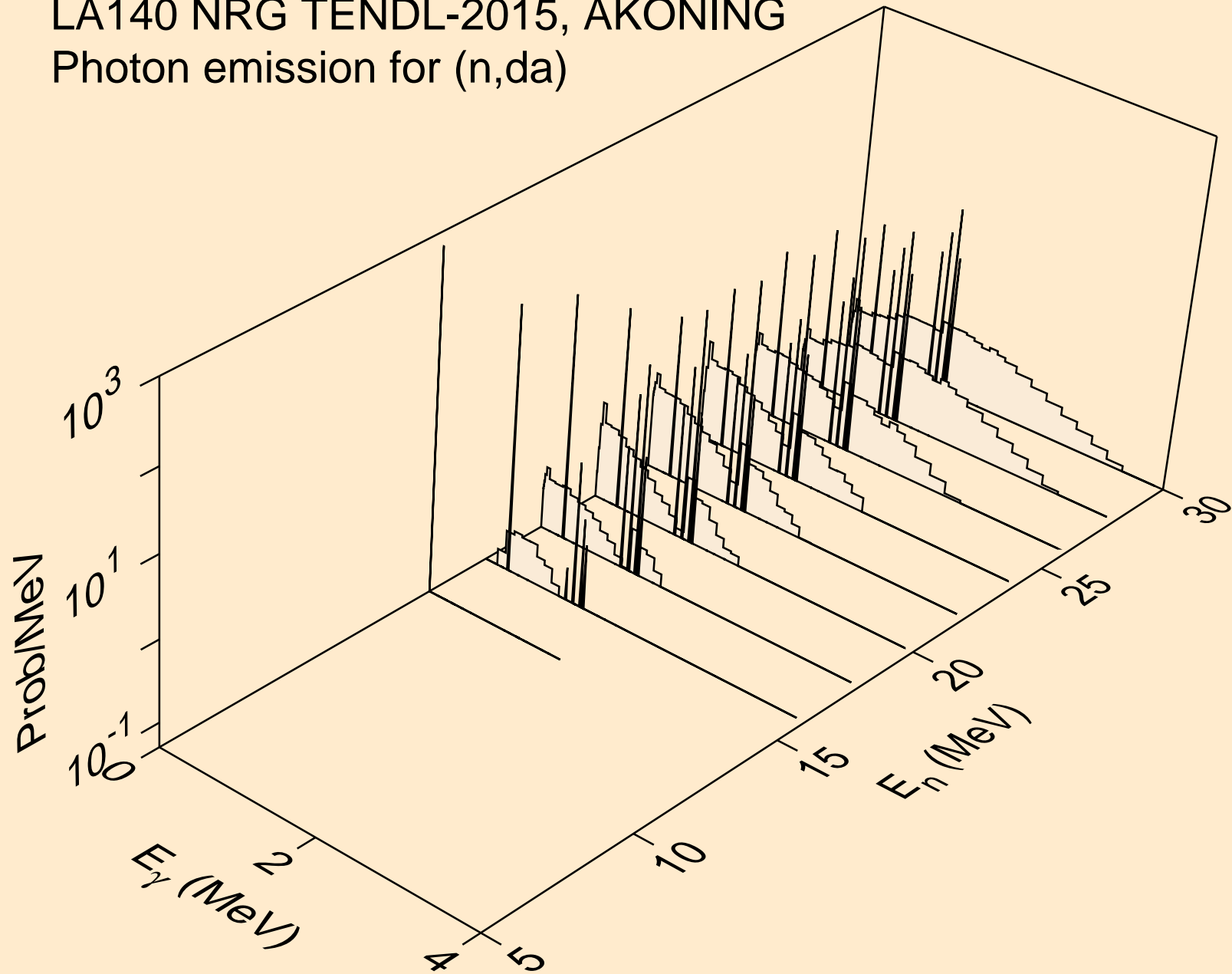


LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

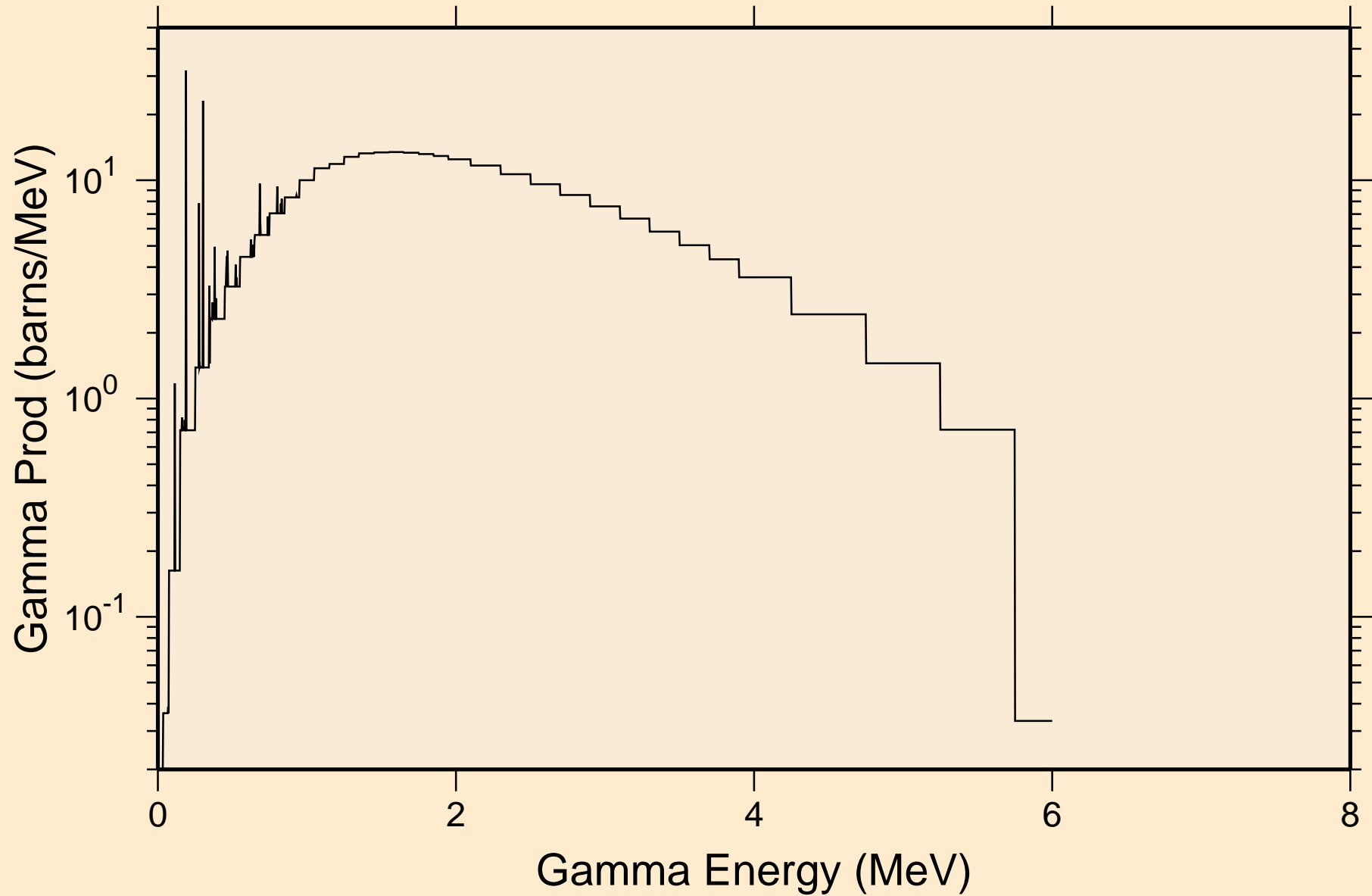




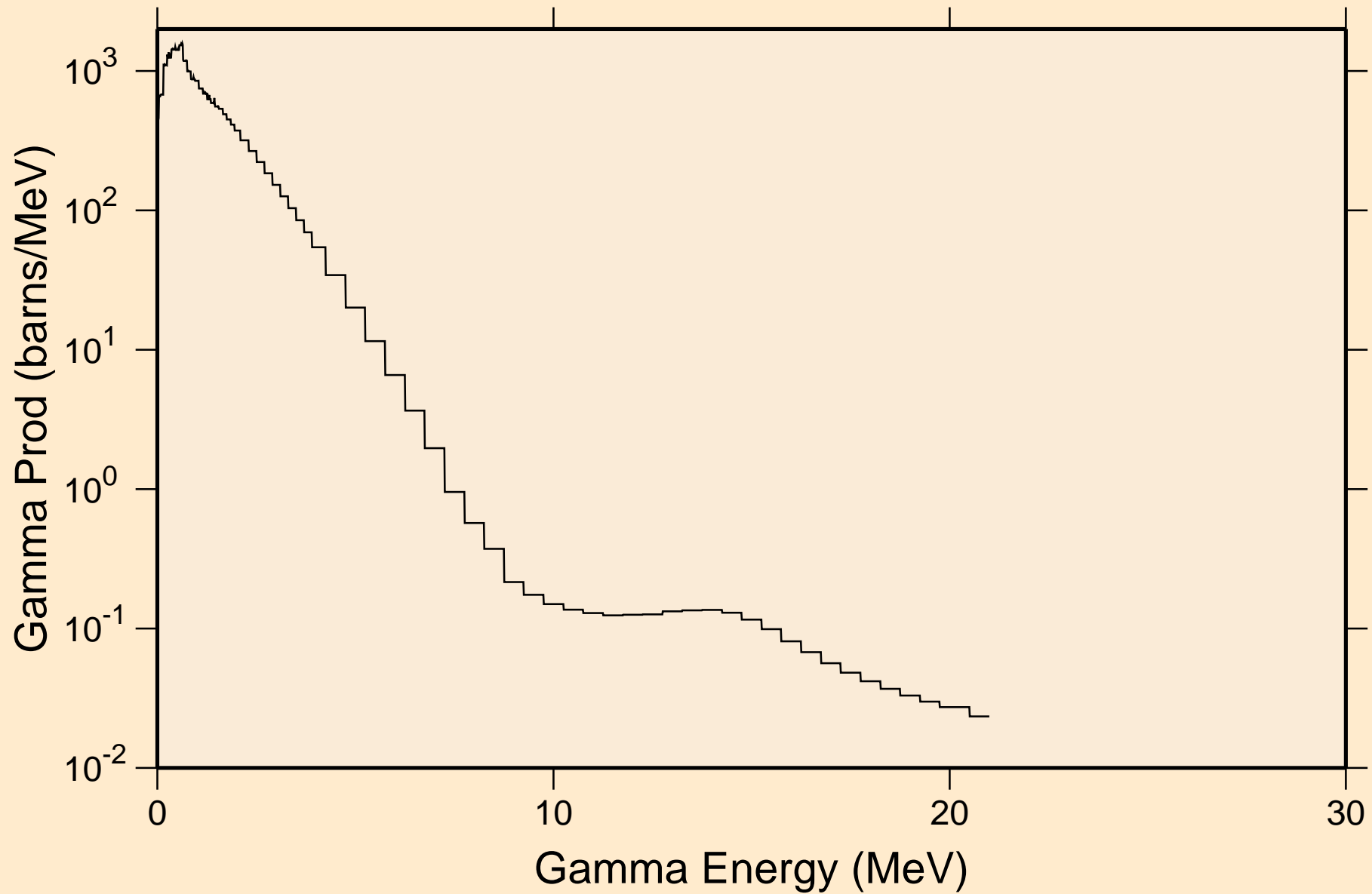
LA140 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



LA140 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

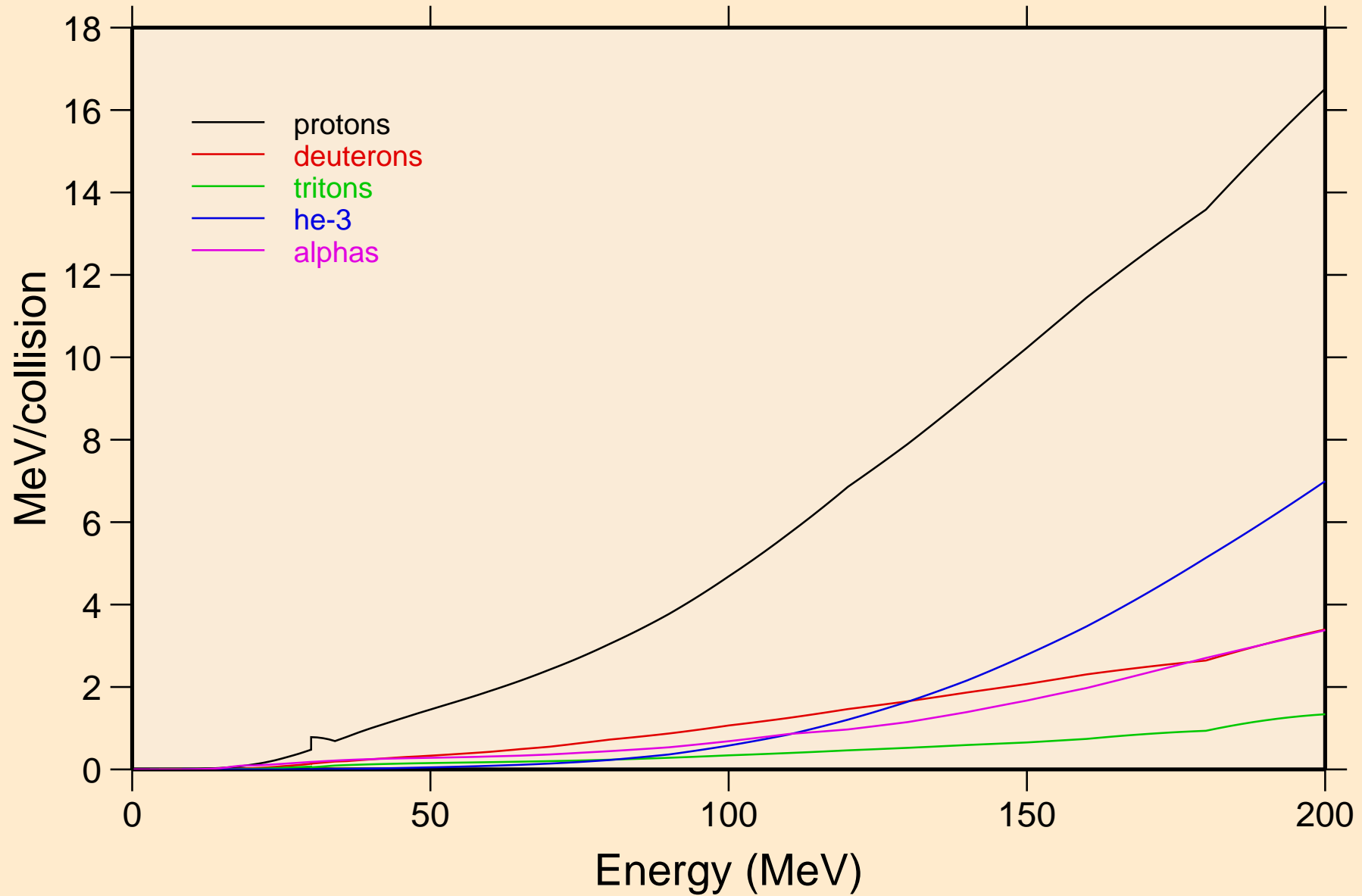


LA140 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



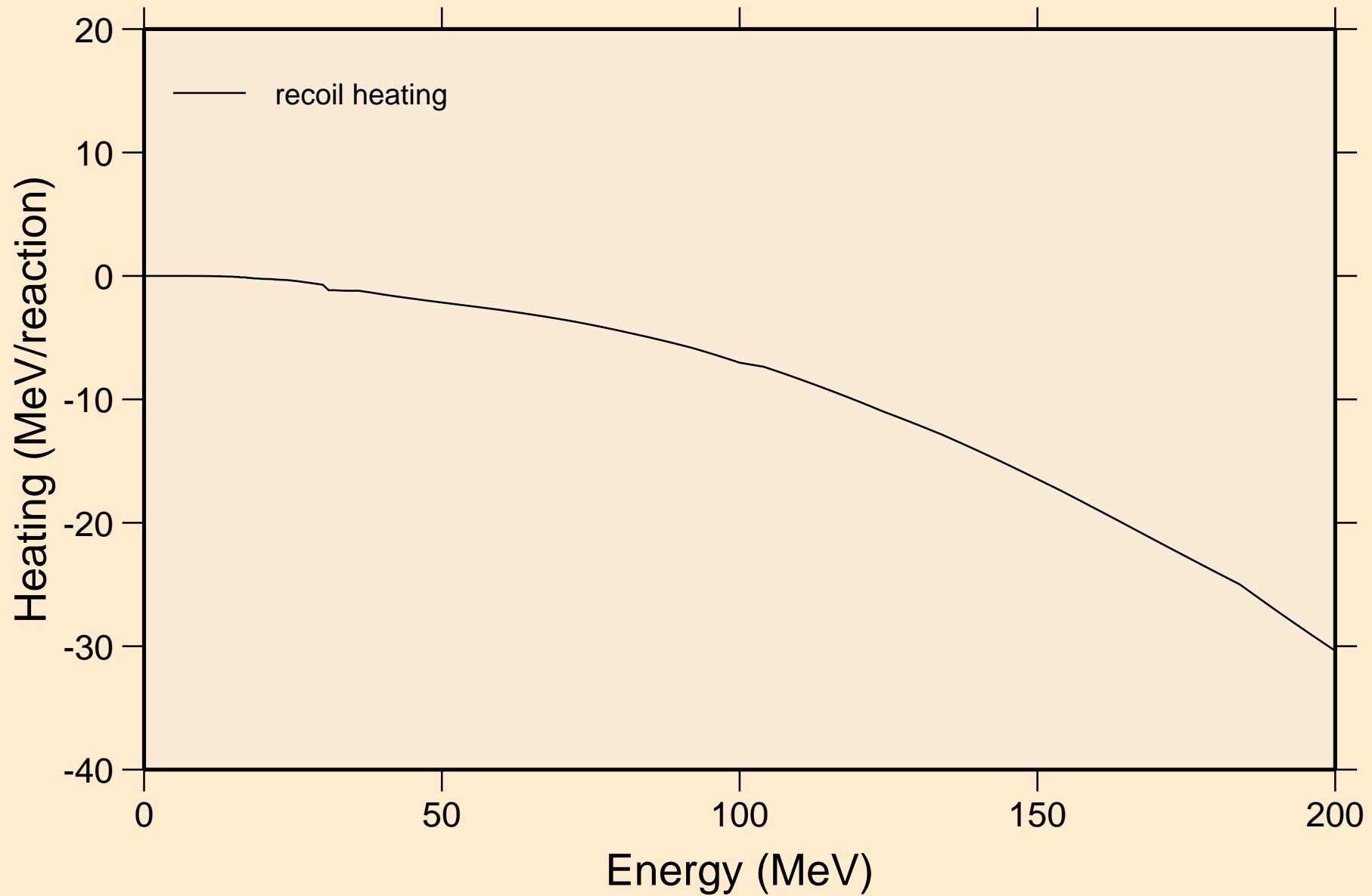
# LA140 NRG TENDL-2015, AKONING

## Particle heating contributions



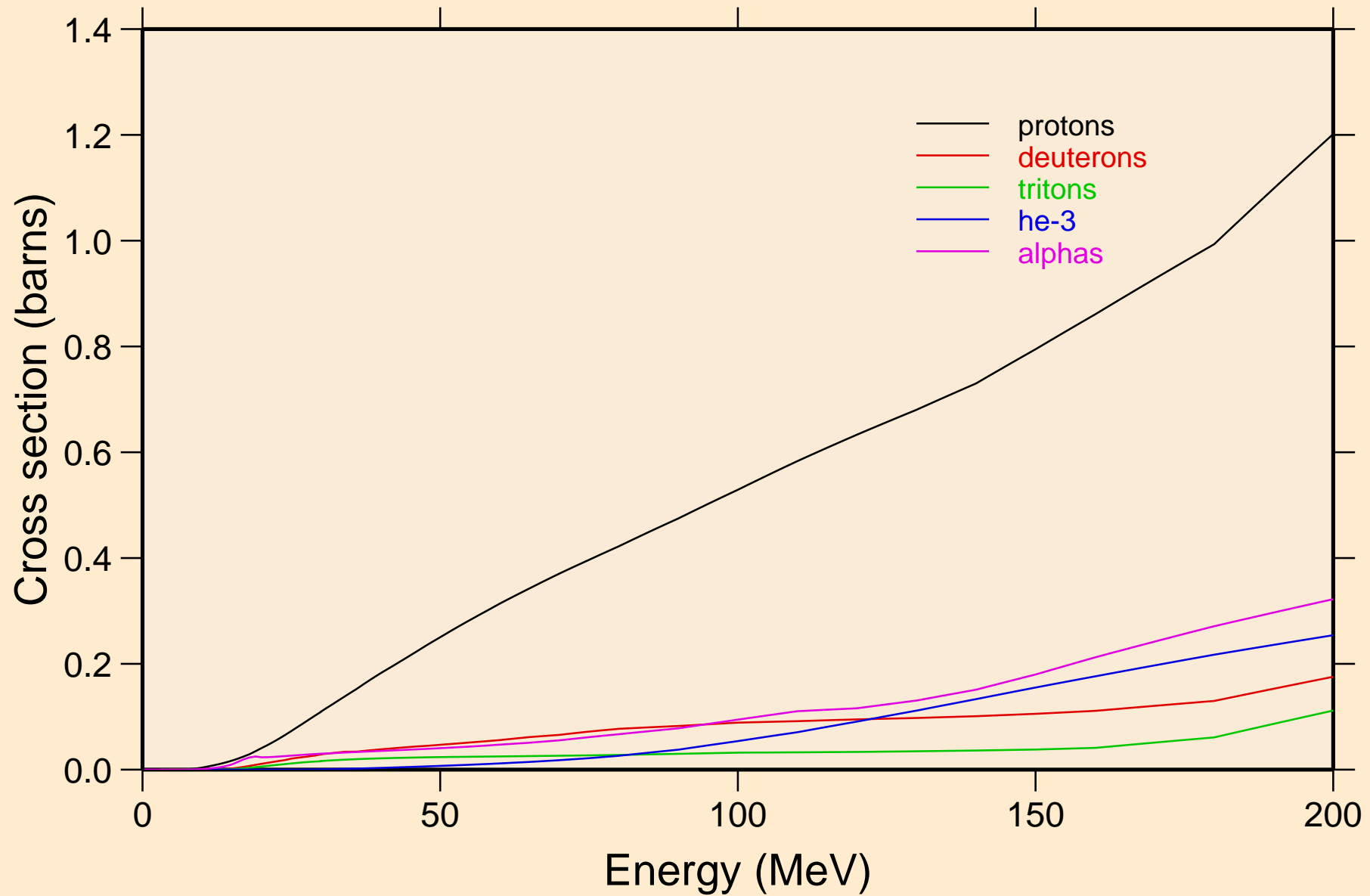
# LA140 NRG TENDL-2015, AKONING

## Recoil Heating

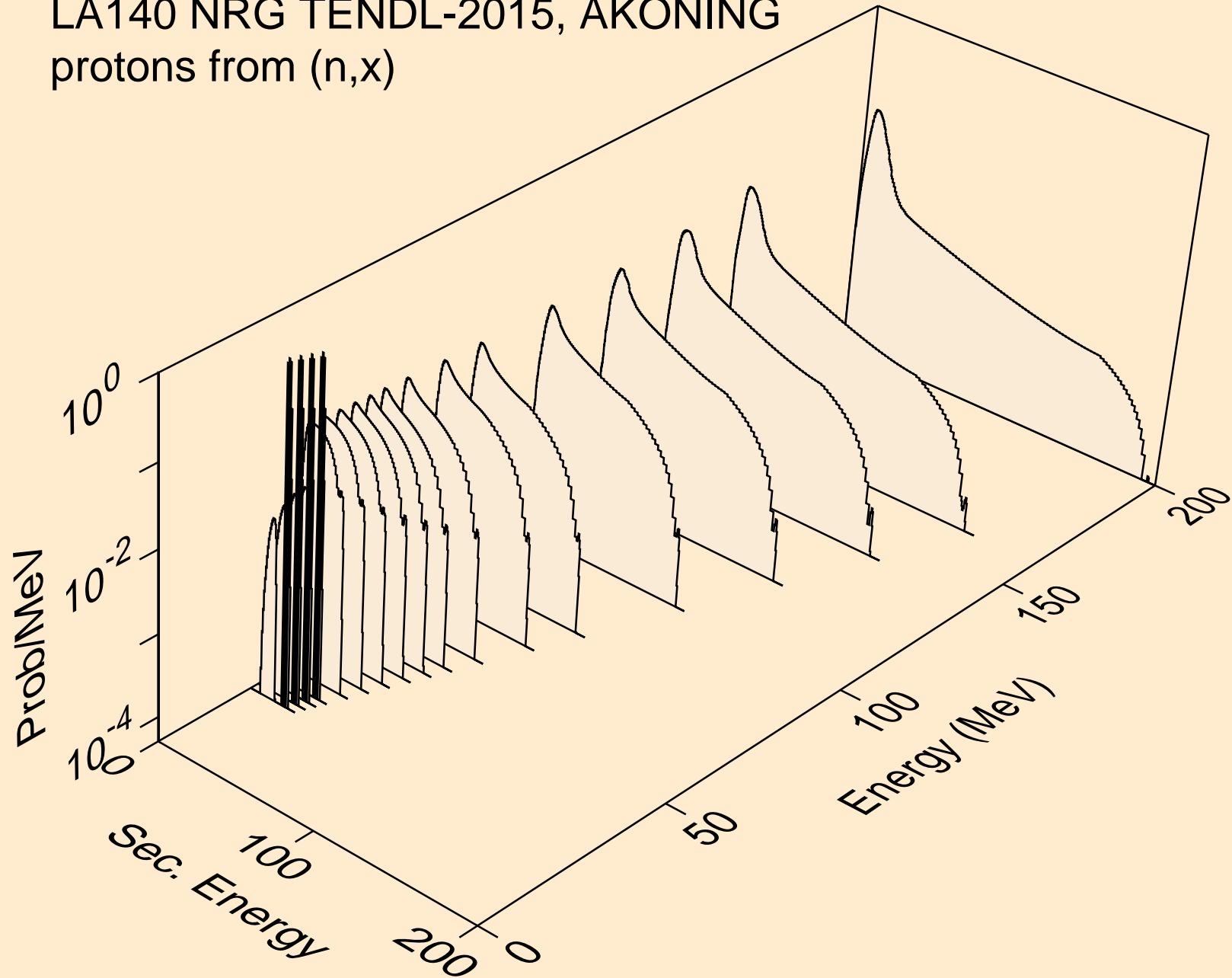


# LA140 NRG TENDL-2015, AKONING

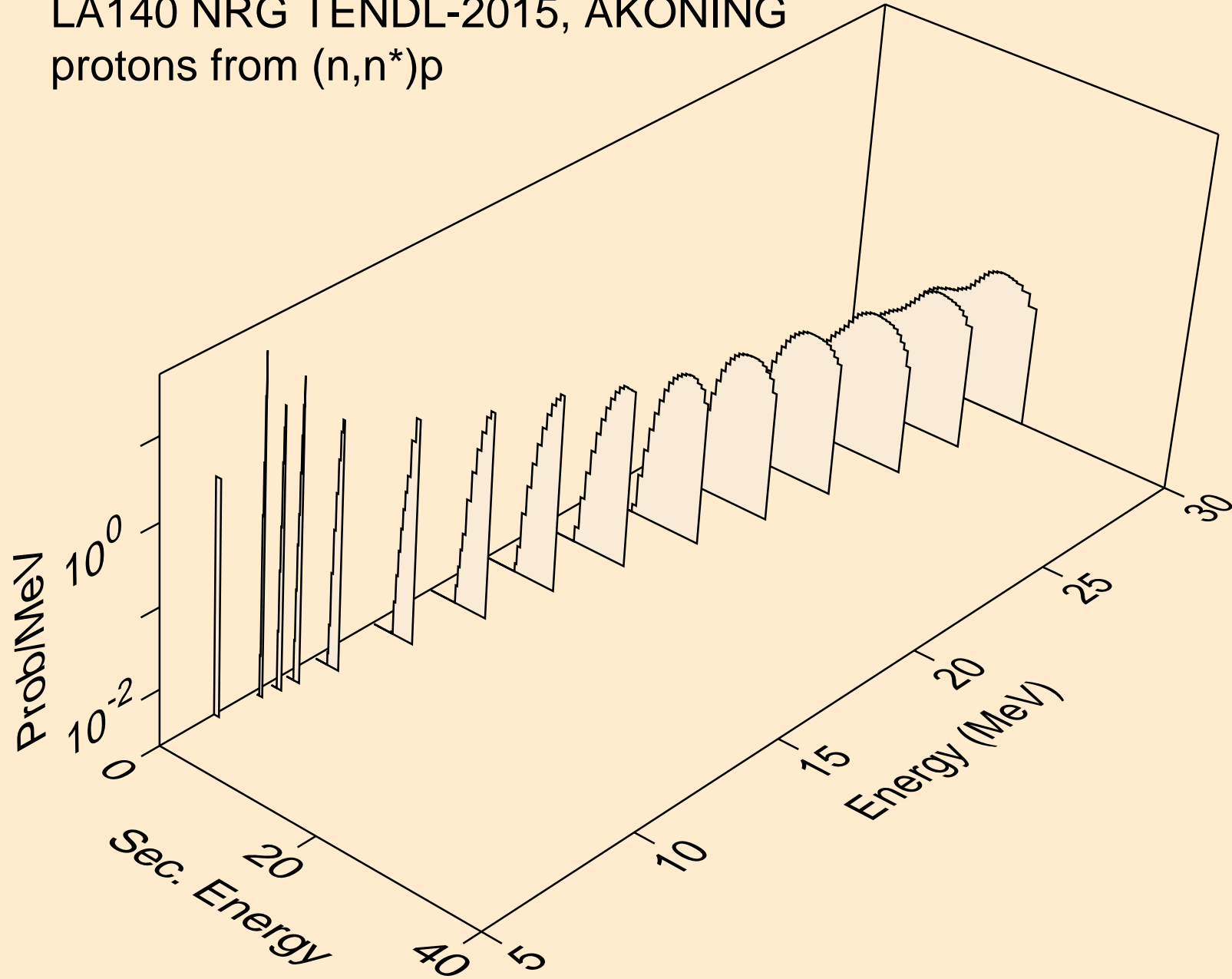
## Particle production cross sections



LA140 NRG TENDL-2015, AKONING  
protons from (n,x)

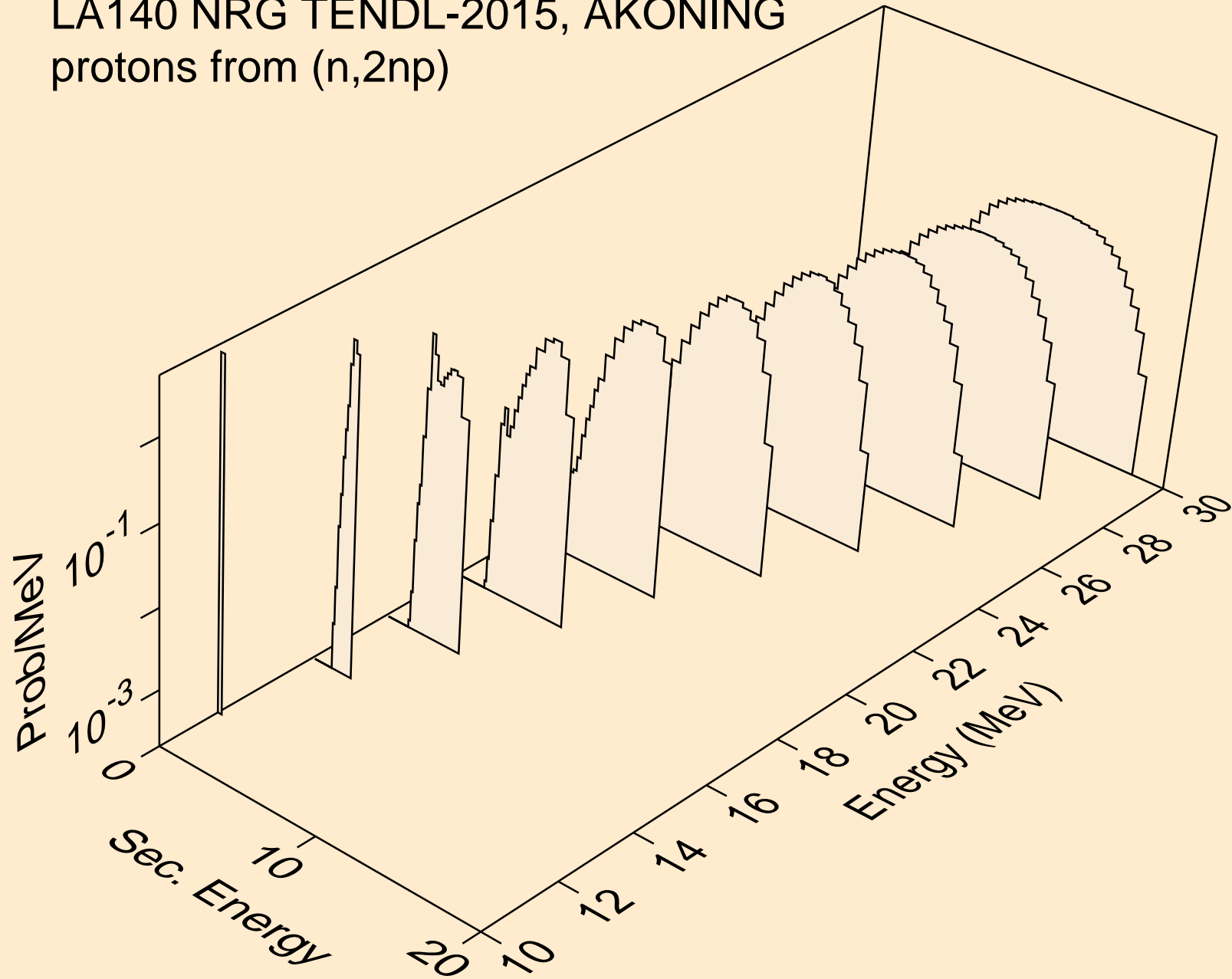


LA140 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

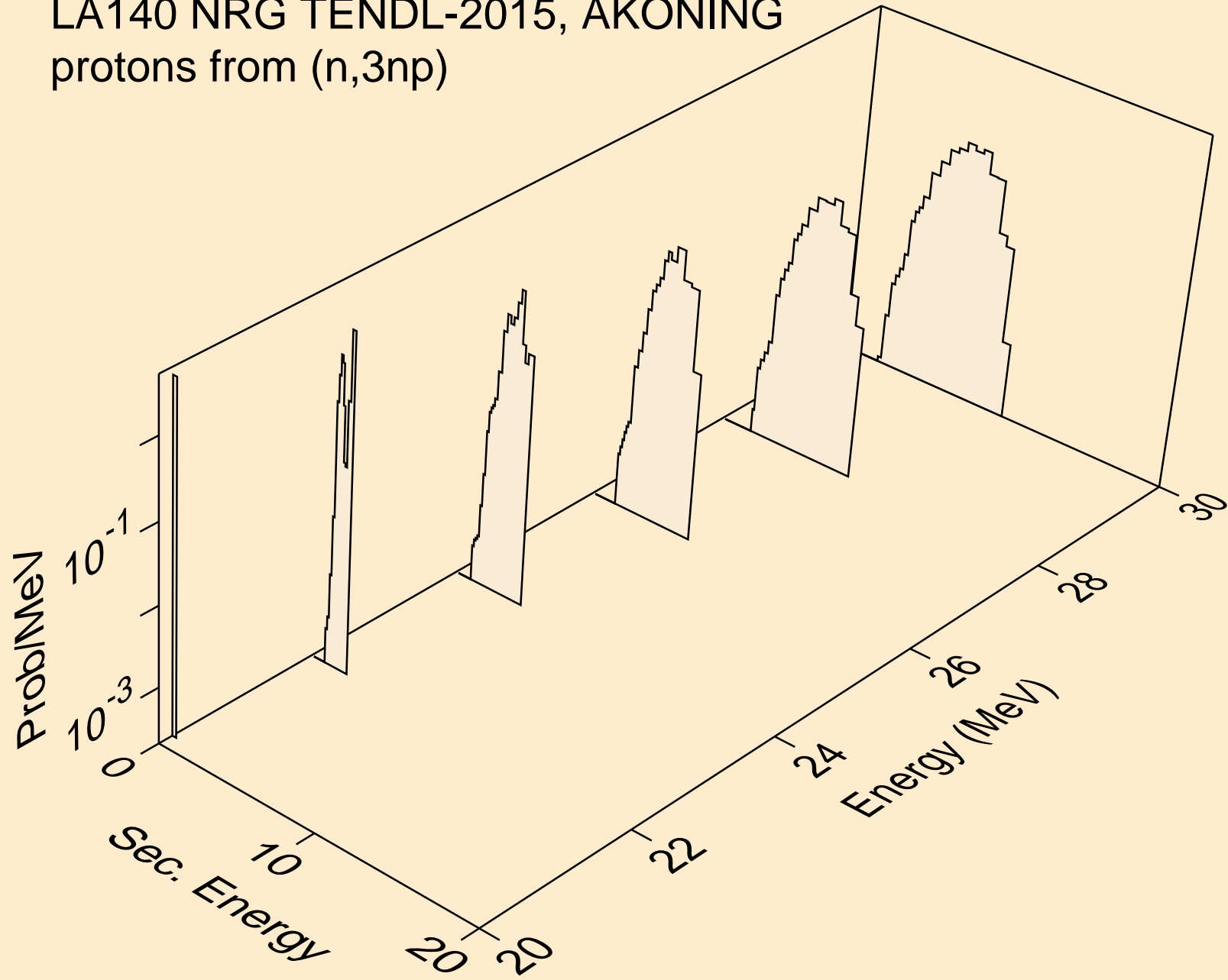




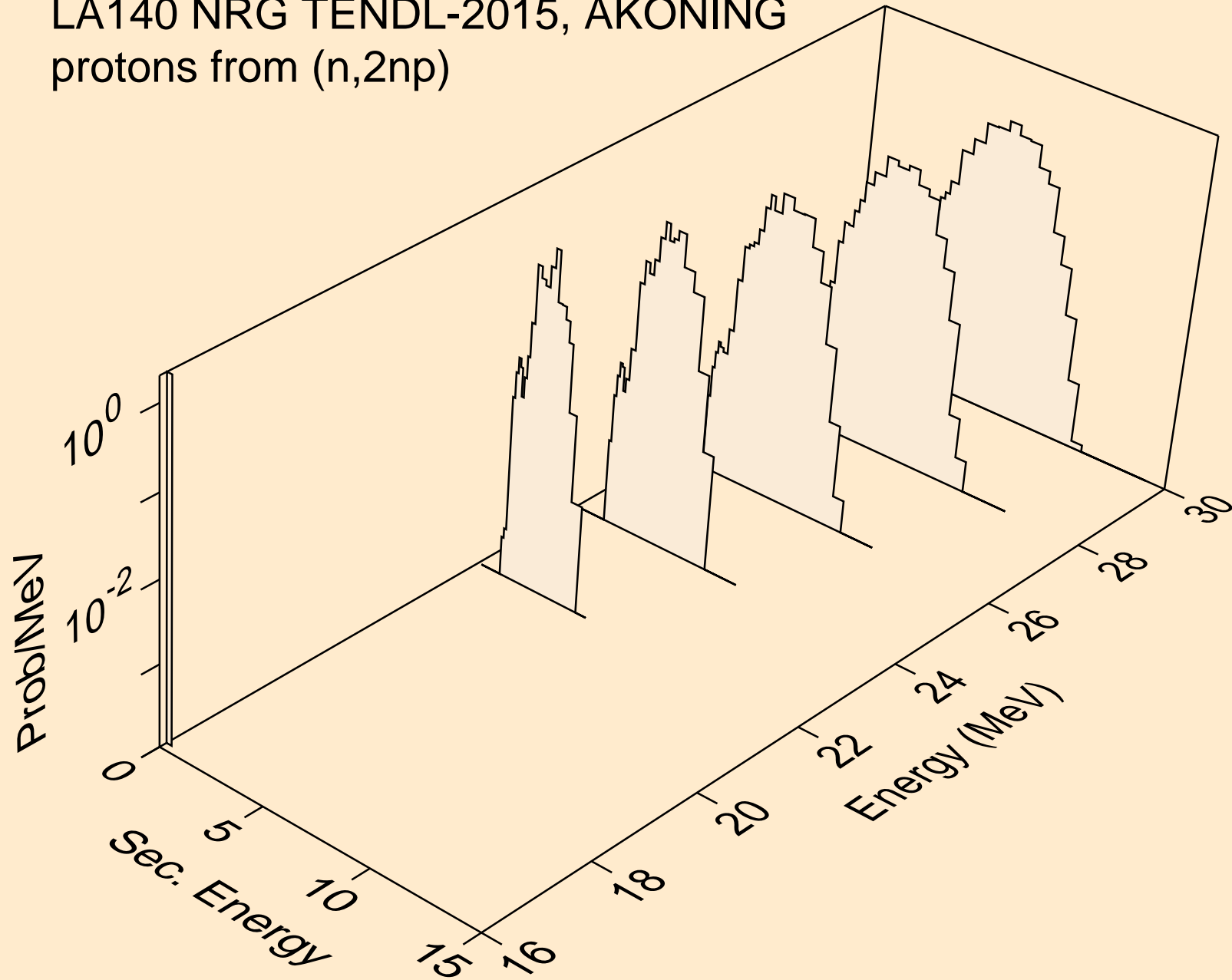
LA140 NRG TENDL-2015, AKONING  
protons from (n,2np)



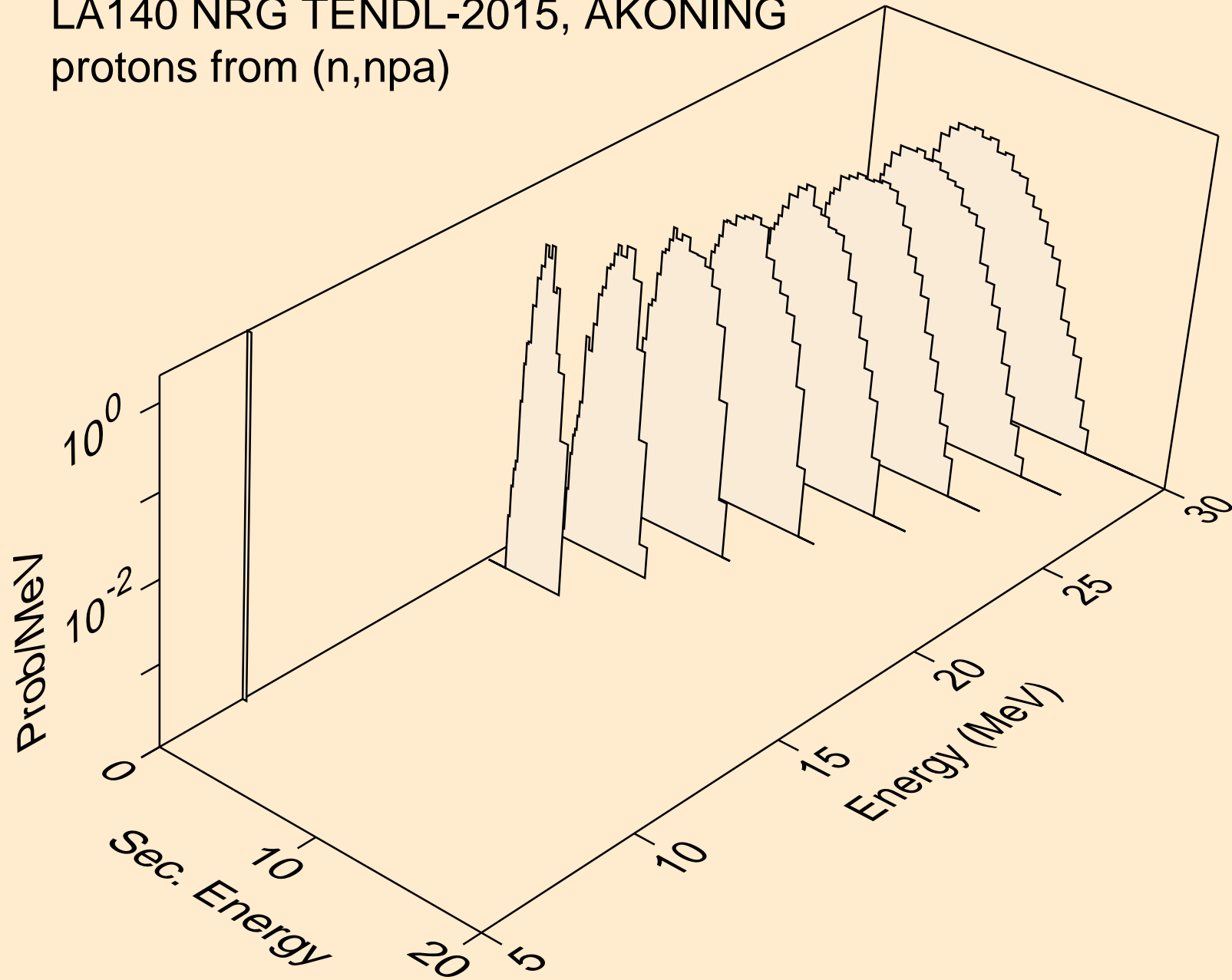
LA140 NRG TENDL-2015, AKONING  
protons from (n,3np)



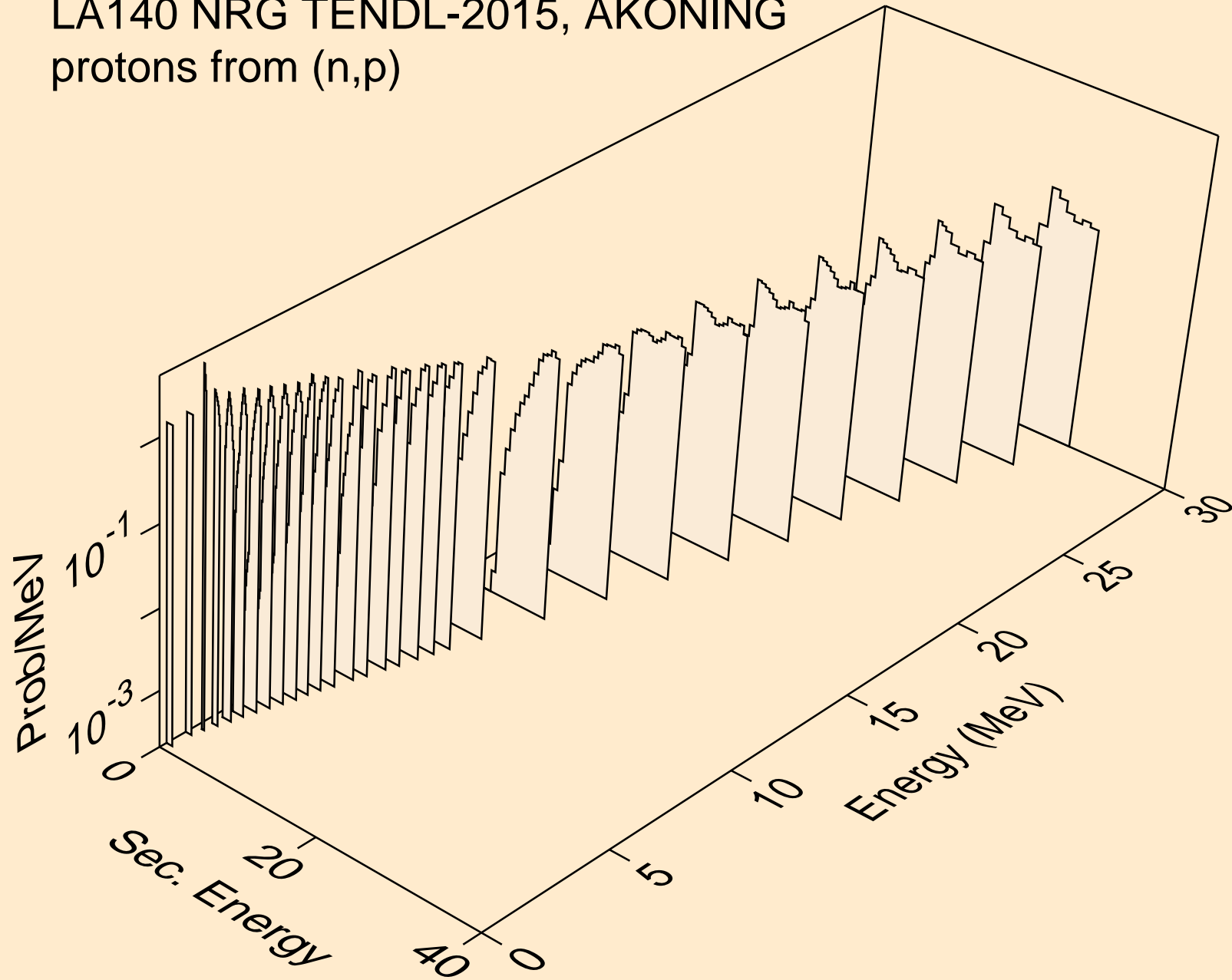
LA140 NRG TENDL-2015, AKONING  
protons from (n,2np)



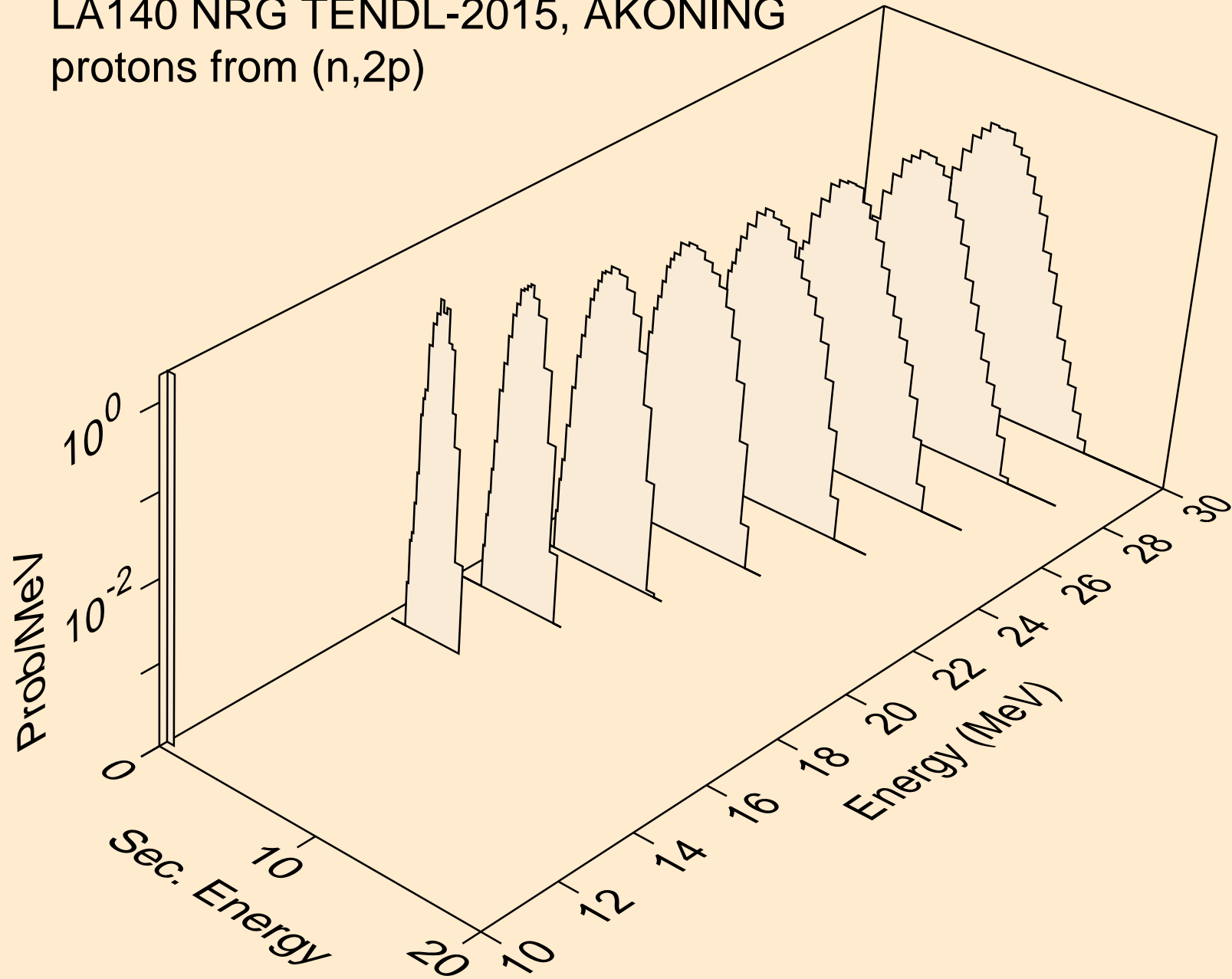
LA140 NRG TENDL-2015, AKONING  
protons from (n,npa)



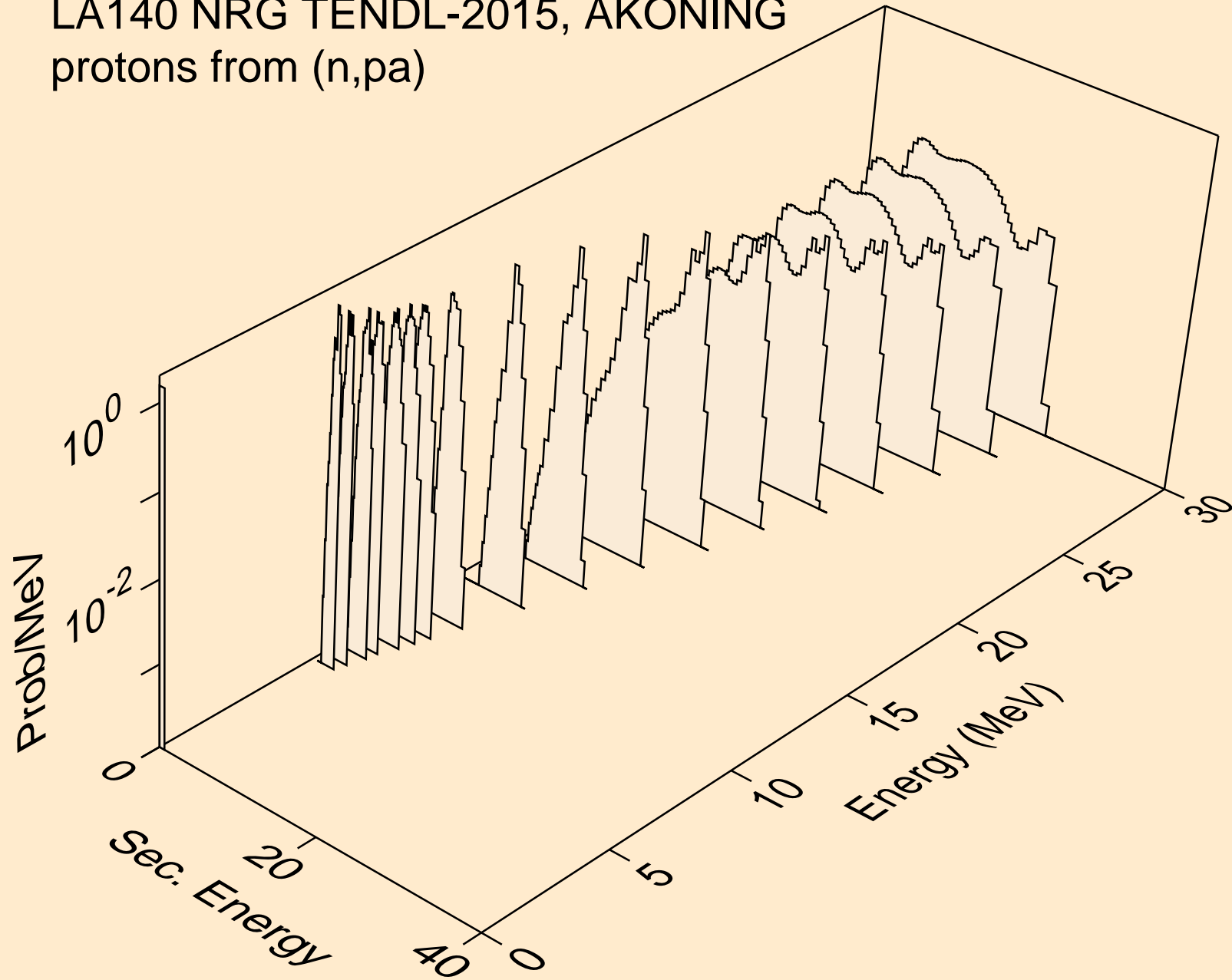
LA140 NRG TENDL-2015, AKONING  
protons from (n,p)



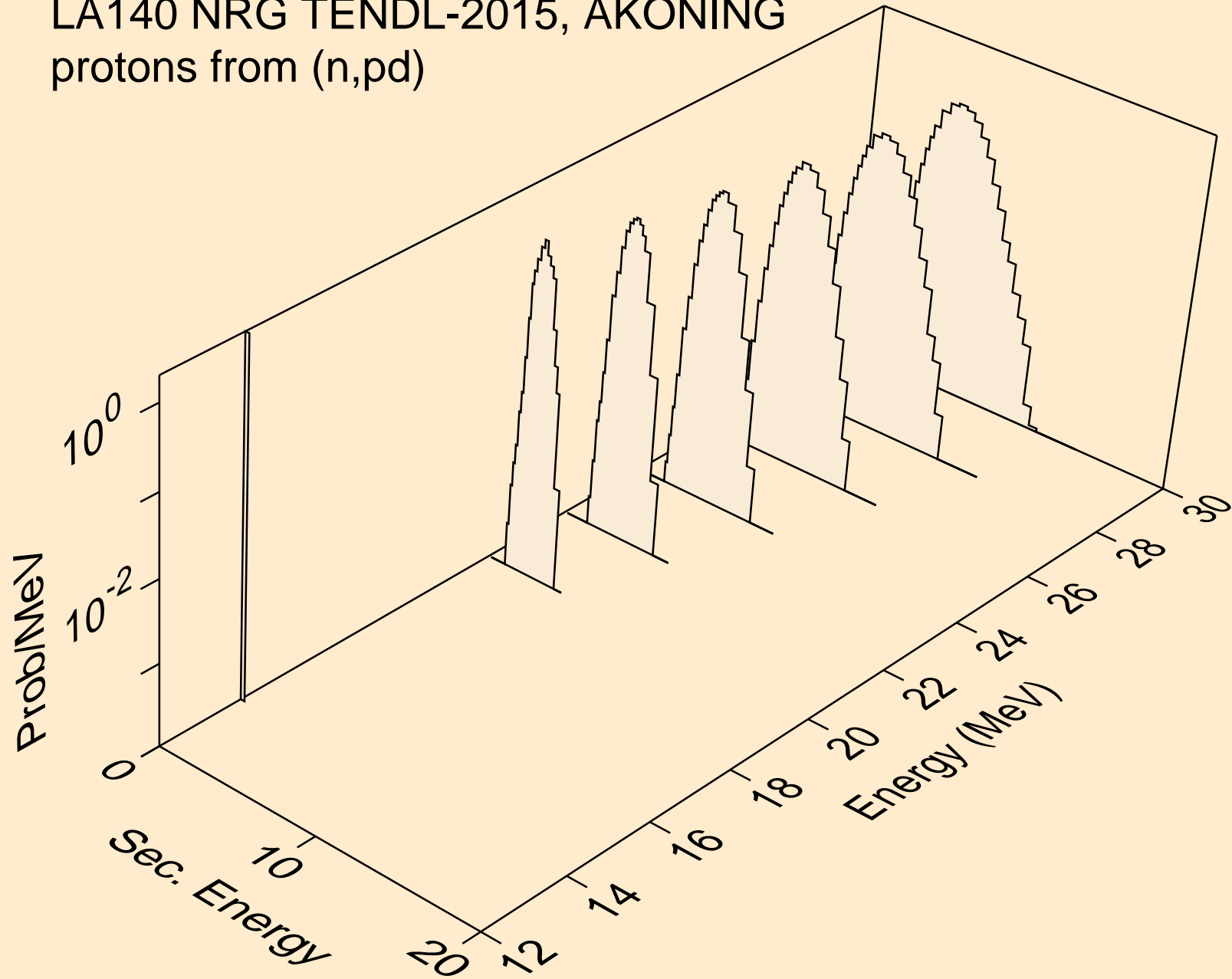
LA140 NRG TENDL-2015, AKONING  
protons from (n,2p)



LA140 NRG TENDL-2015, AKONING  
protons from (n,pa)

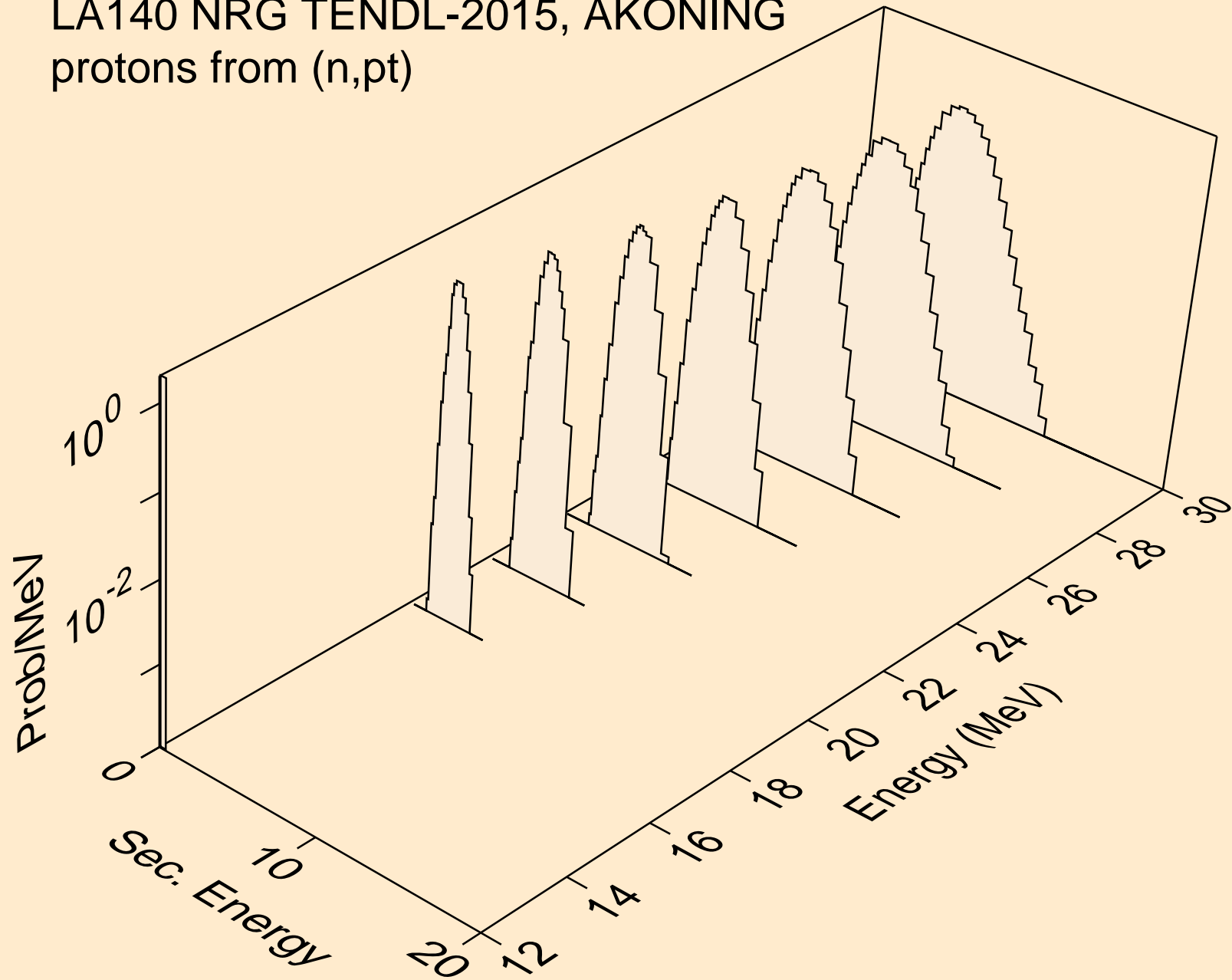


LA140 NRG TENDL-2015, AKONING  
protons from (n,pd)

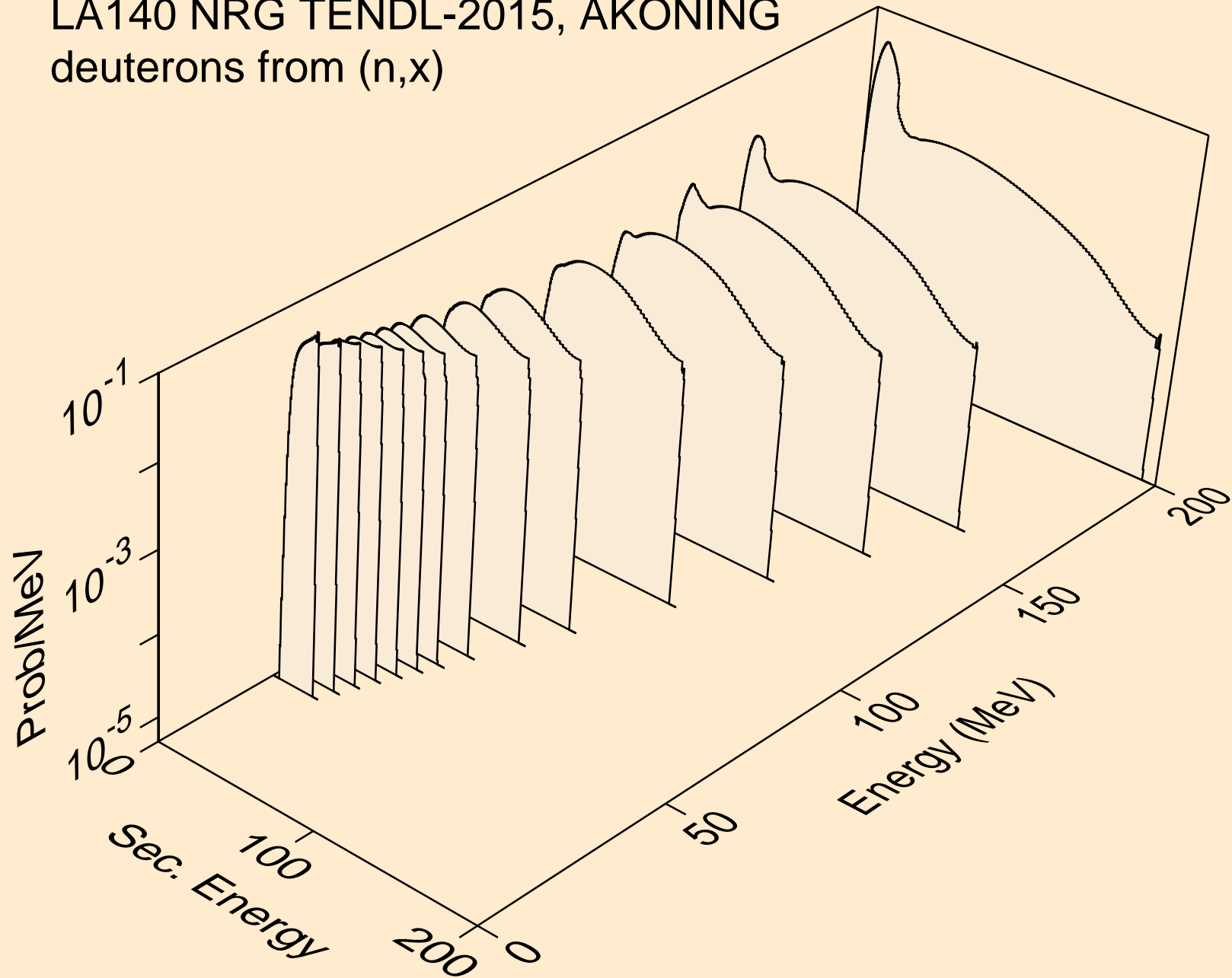




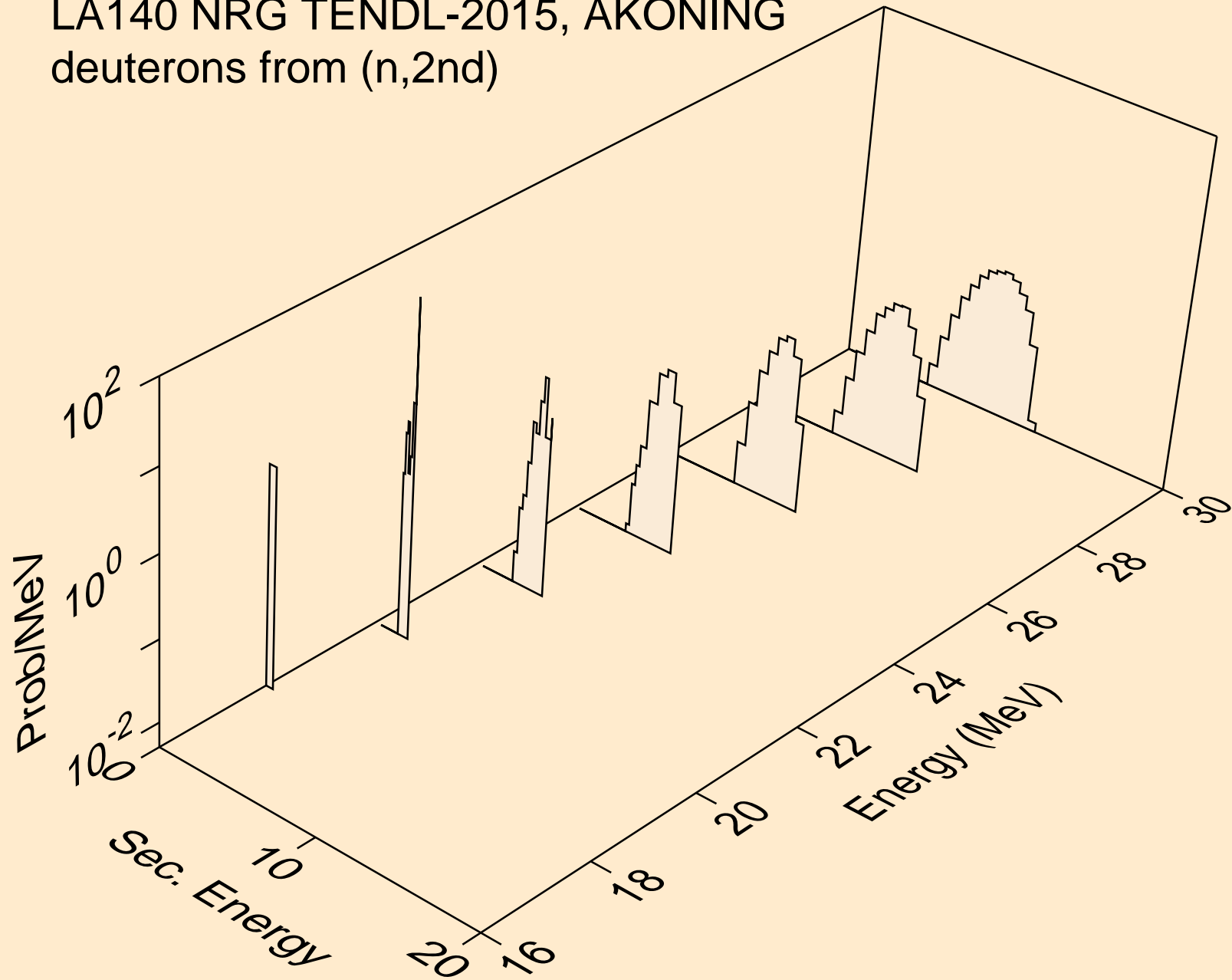
LA140 NRG TENDL-2015, AKONING  
protons from (n,pt)



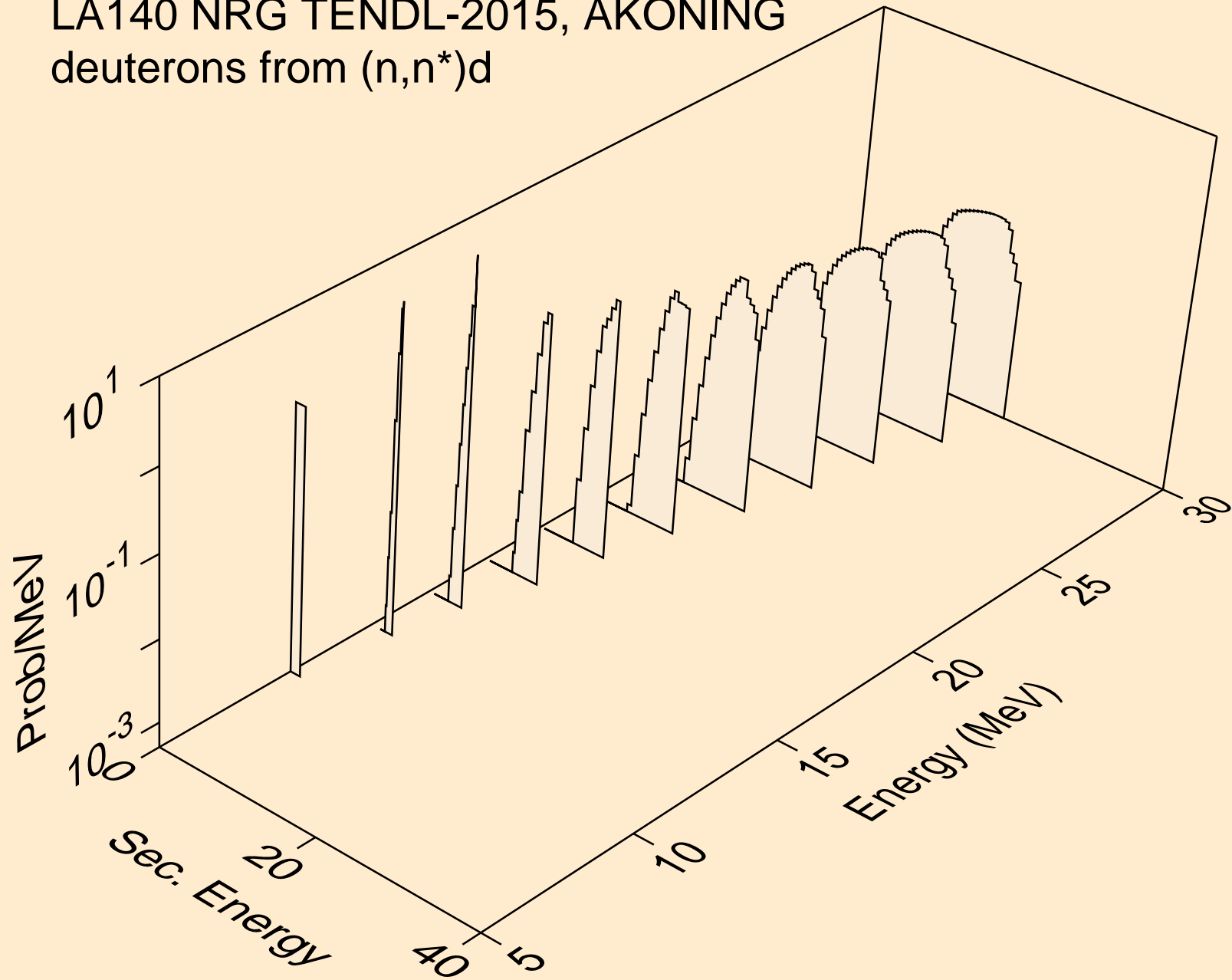
LA140 NRG TENDL-2015, AKONING  
deuterons from (n,x)



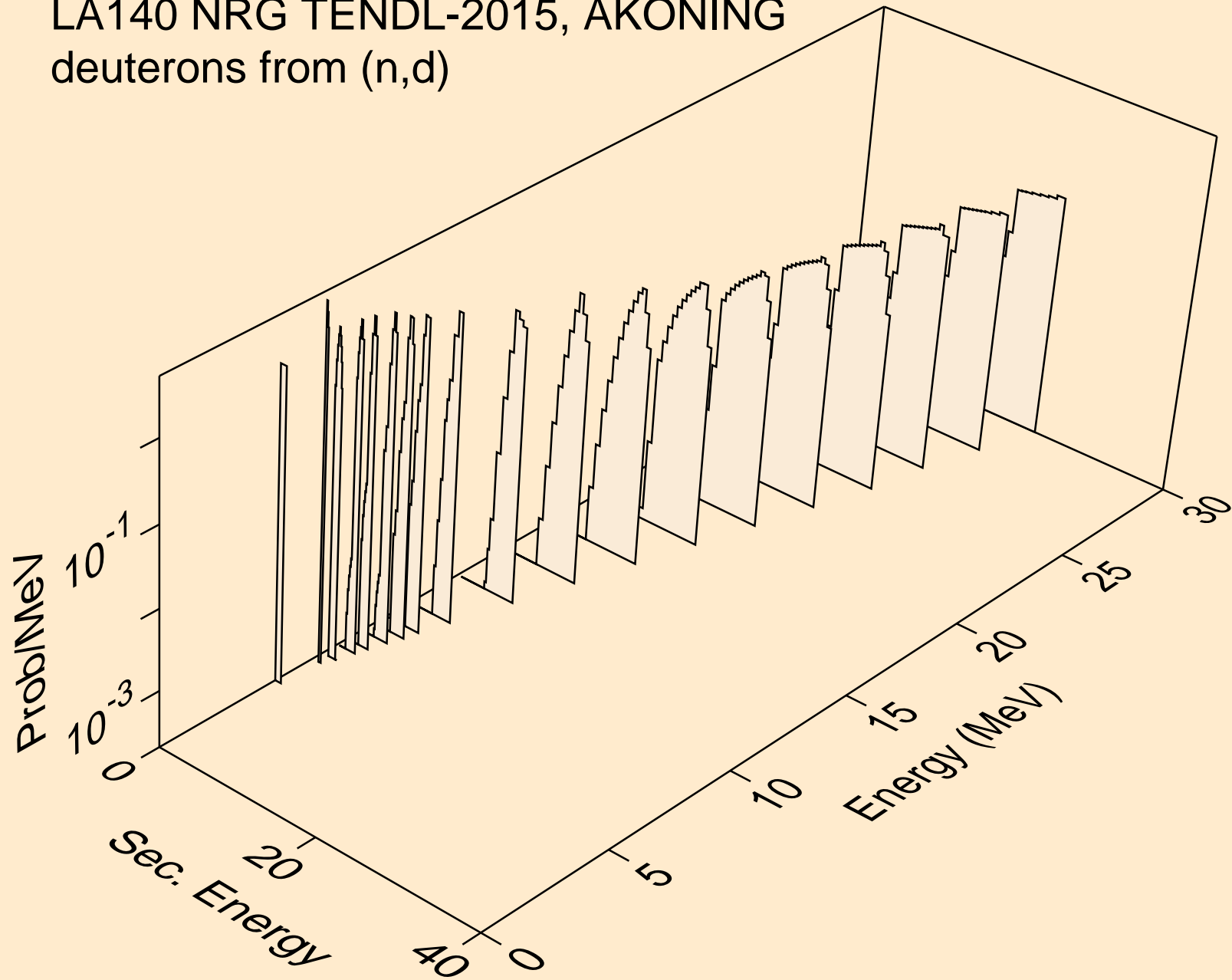
LA140 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



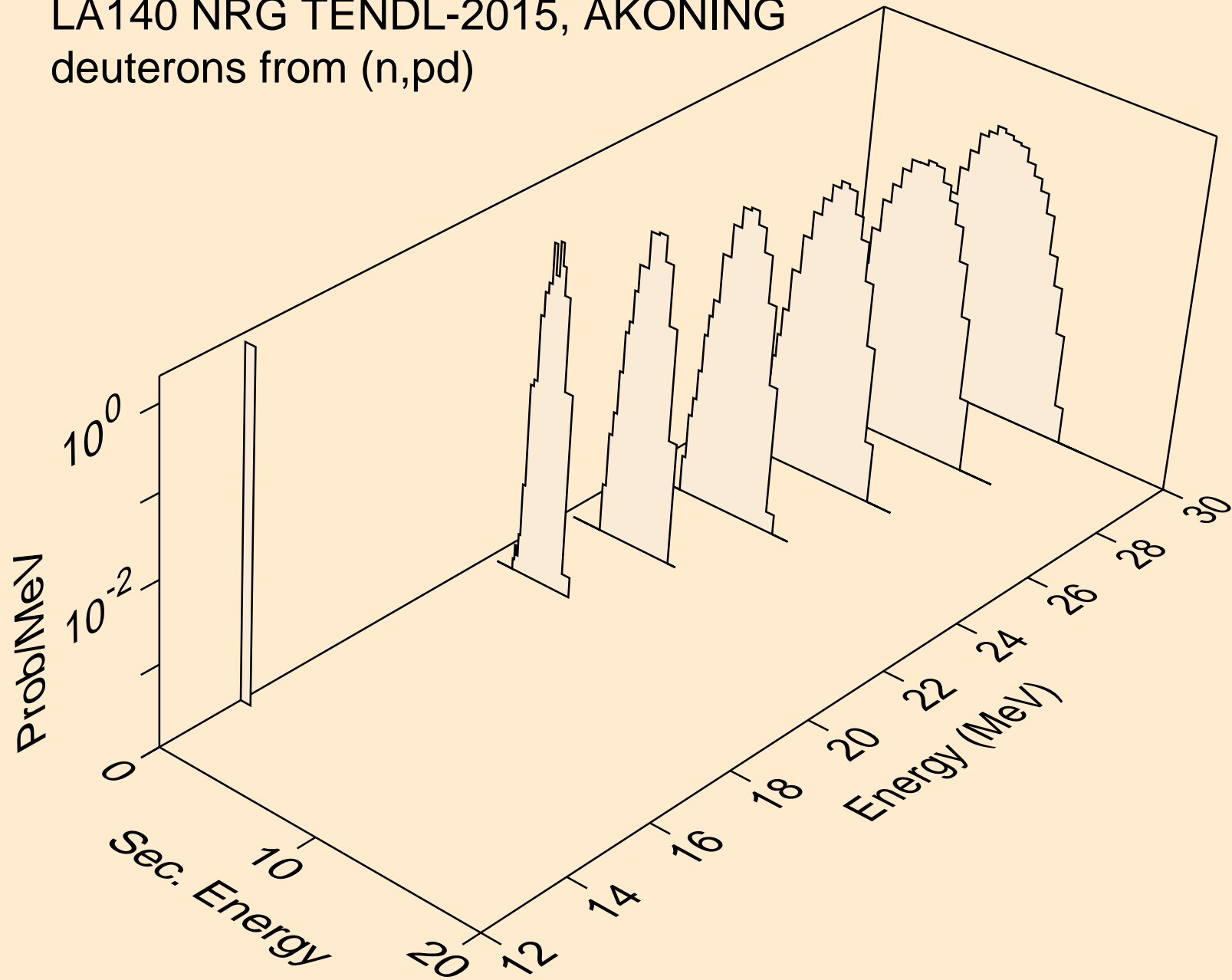
LA140 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



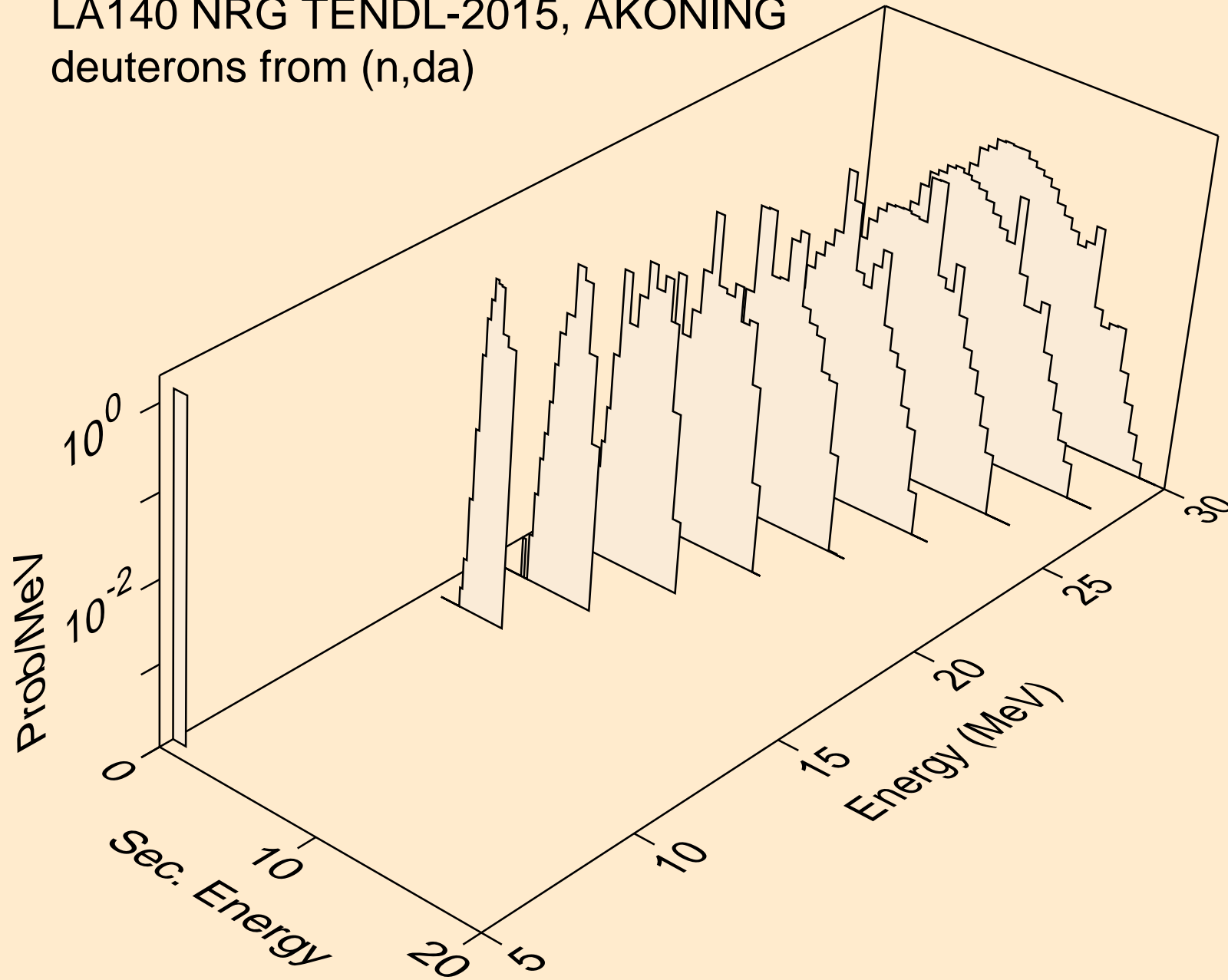
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deuterons from (n,d)



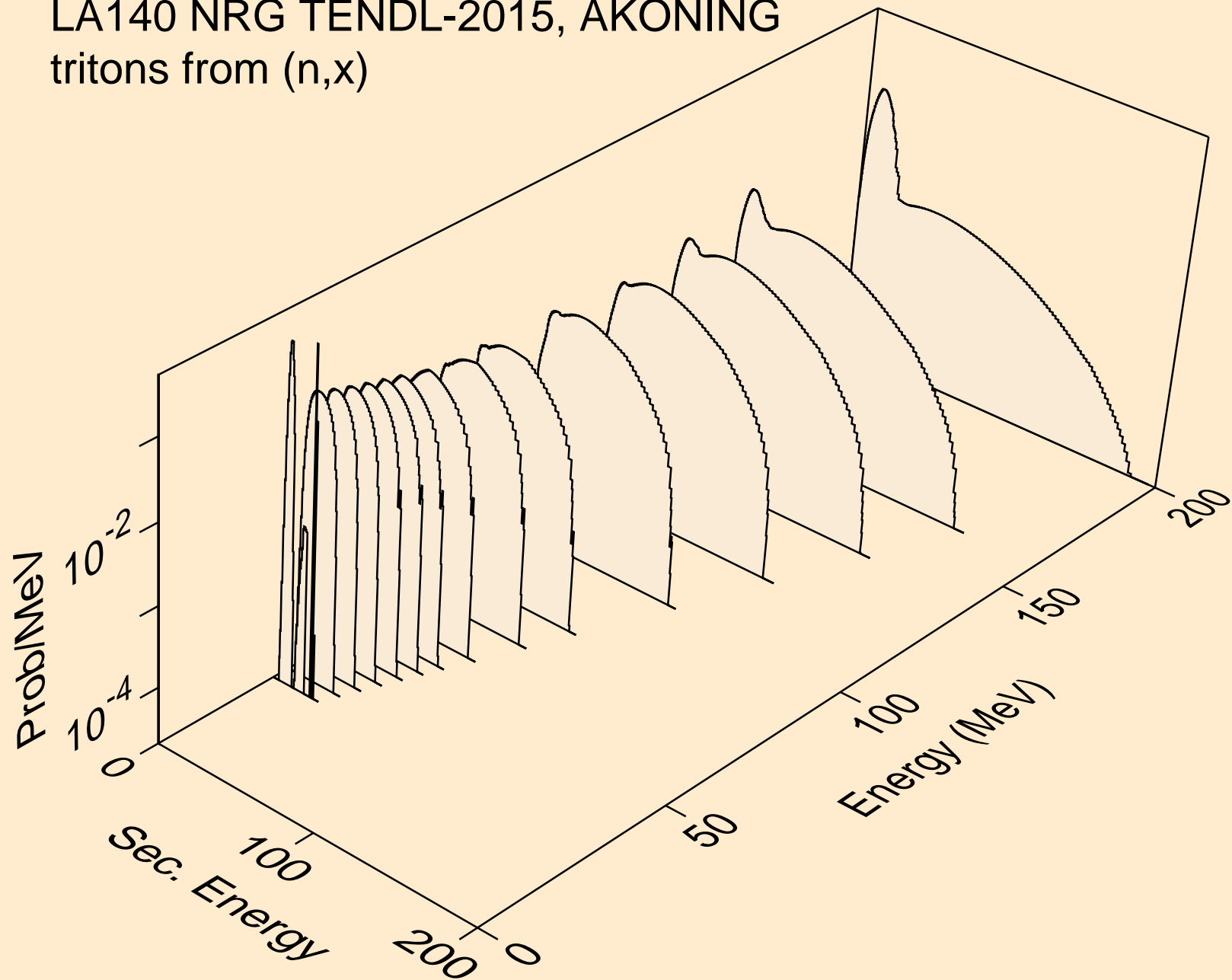
LA140 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



LA140 NRG TENDL-2015, AKONING  
deuterons from (n,da)

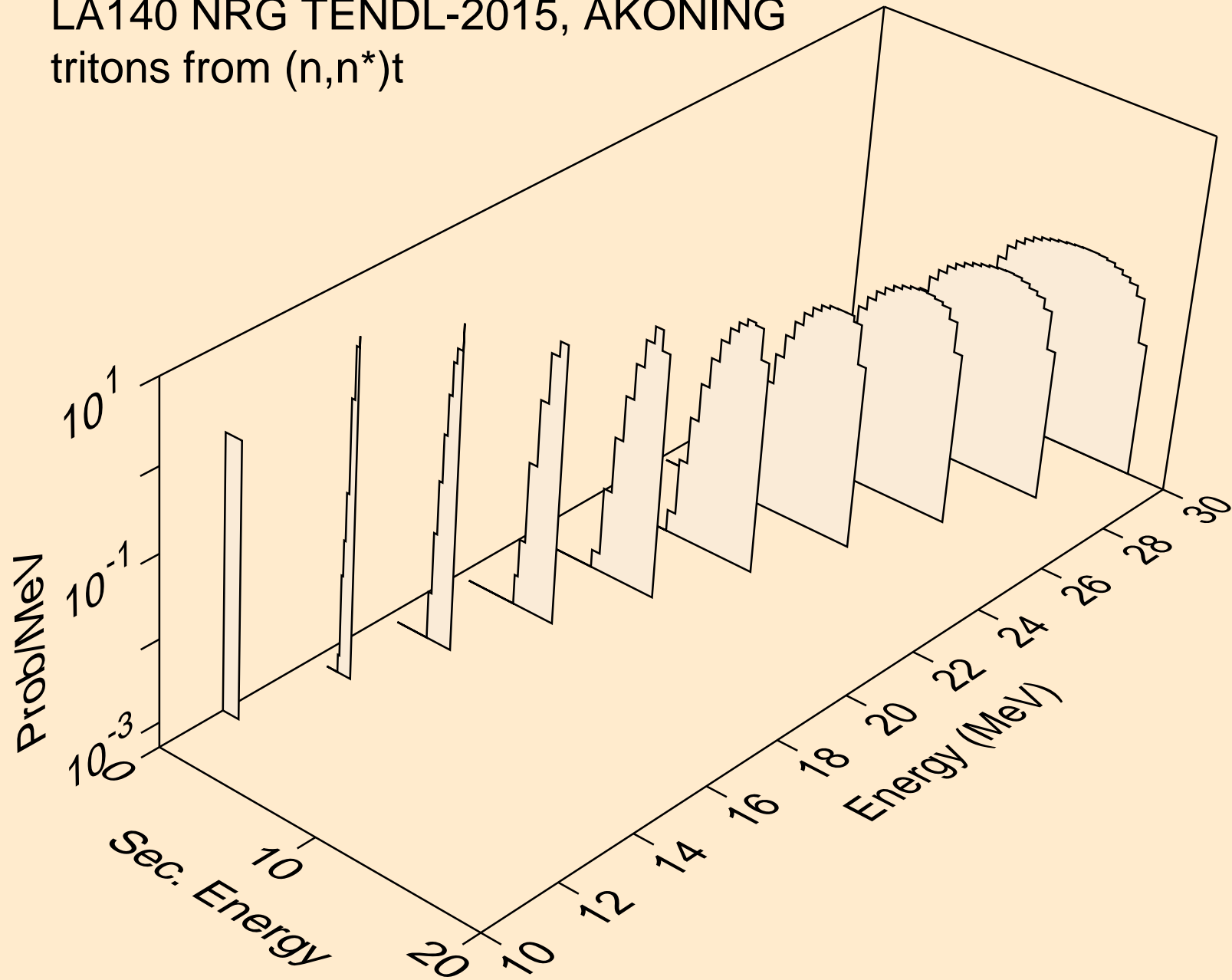


LA140 NRG TENDL-2015, AKONING  
tritons from (n,x)

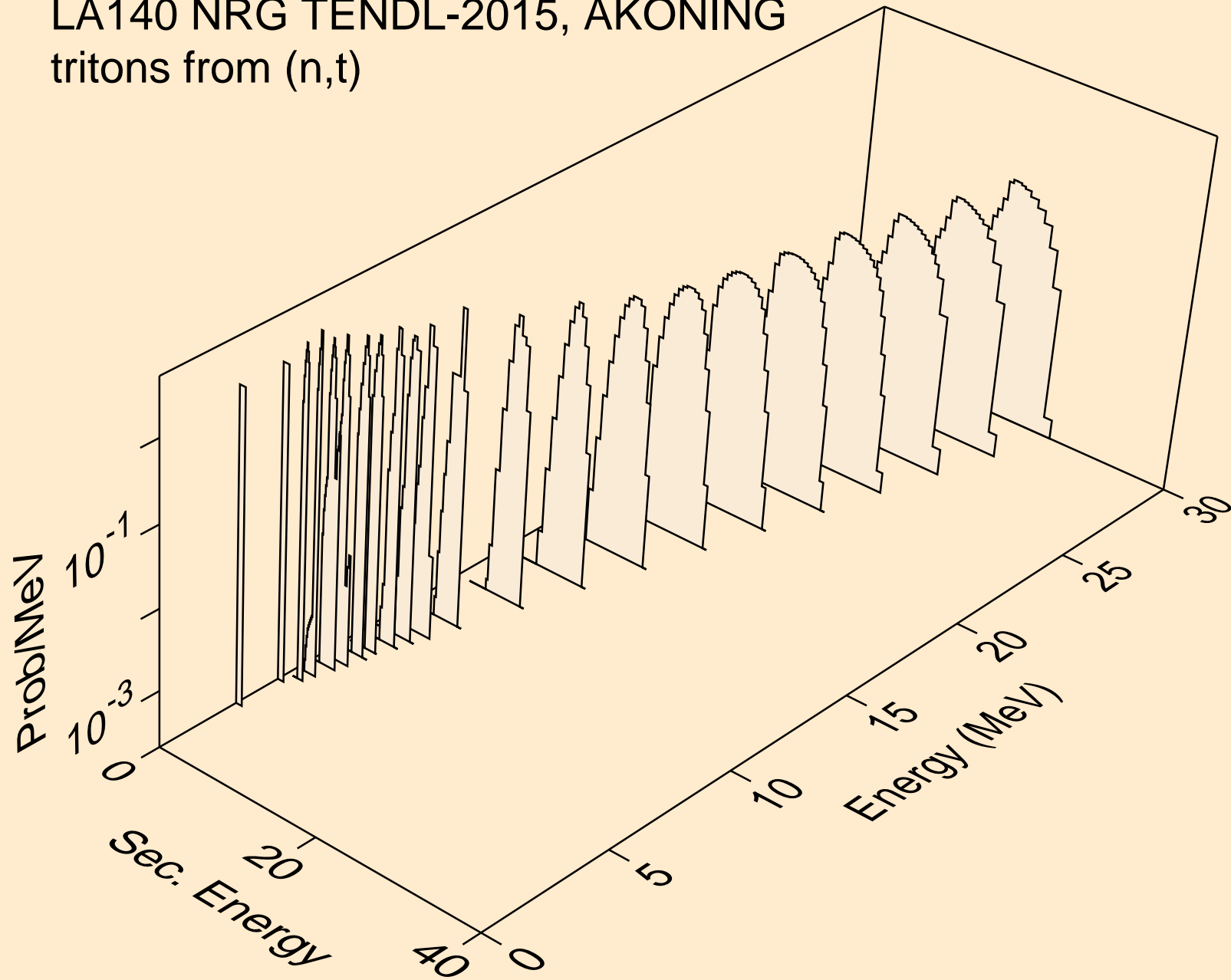




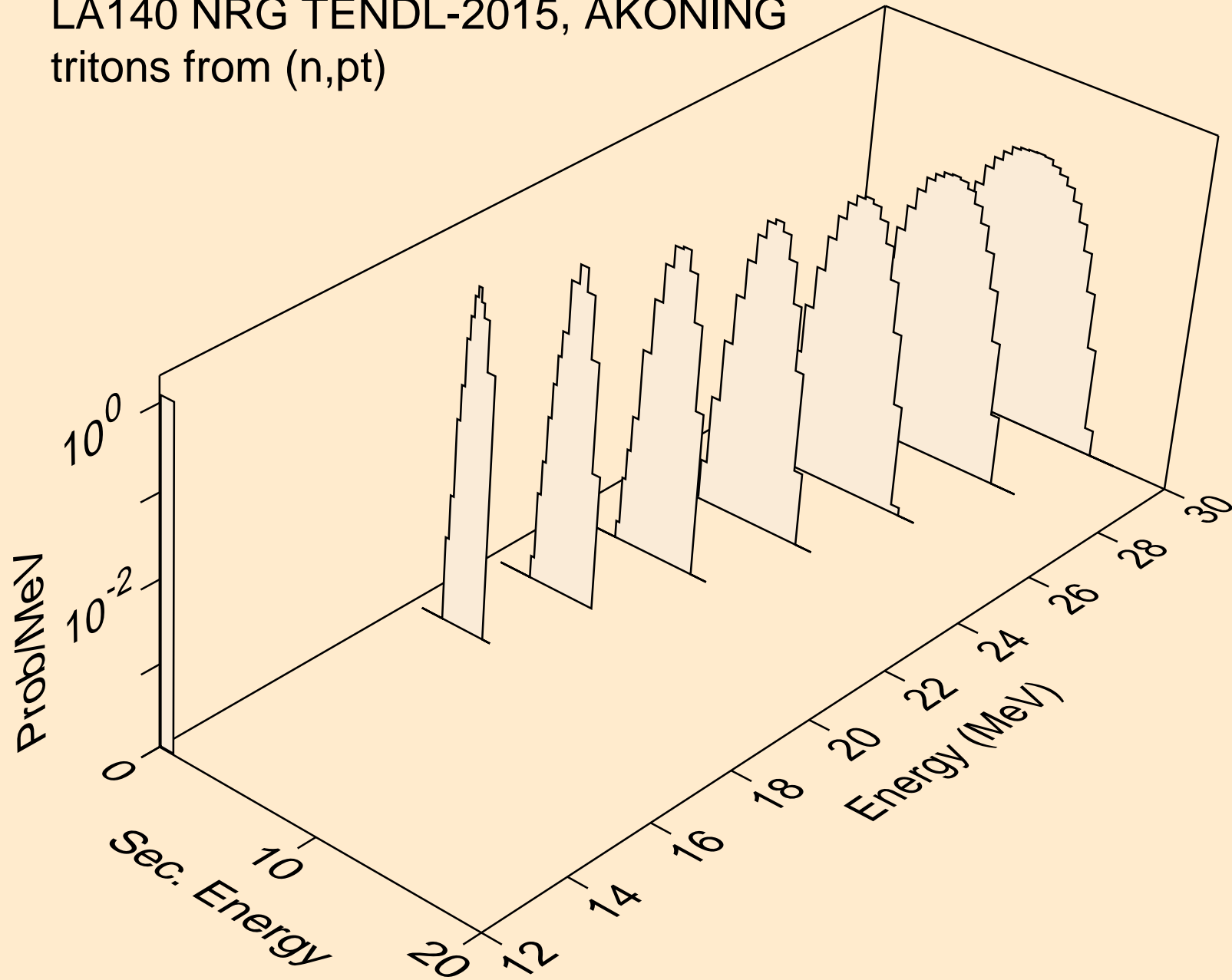
LA140 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



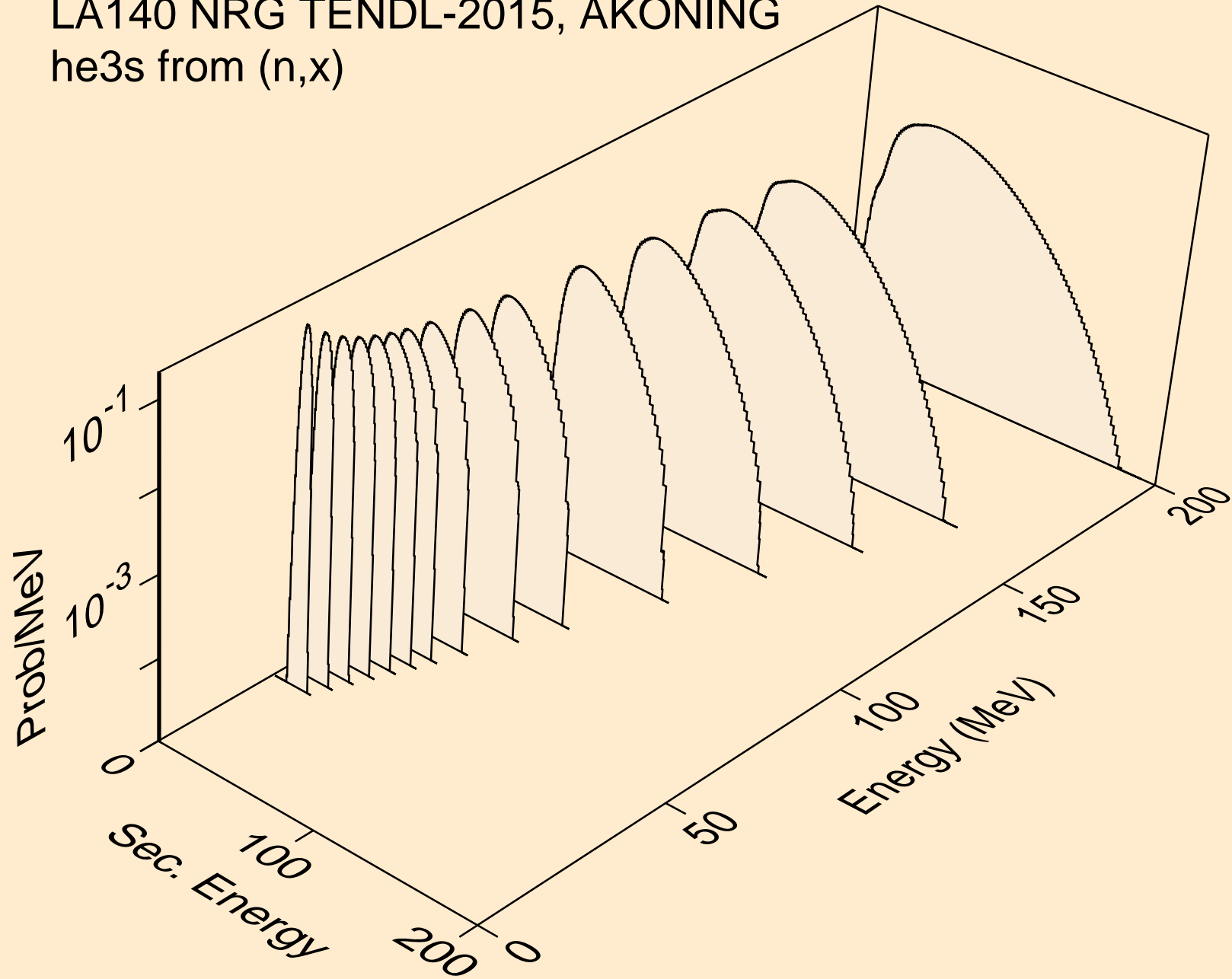
LA140 NRG TENDL-2015, AKONING  
tritons from (n,t)



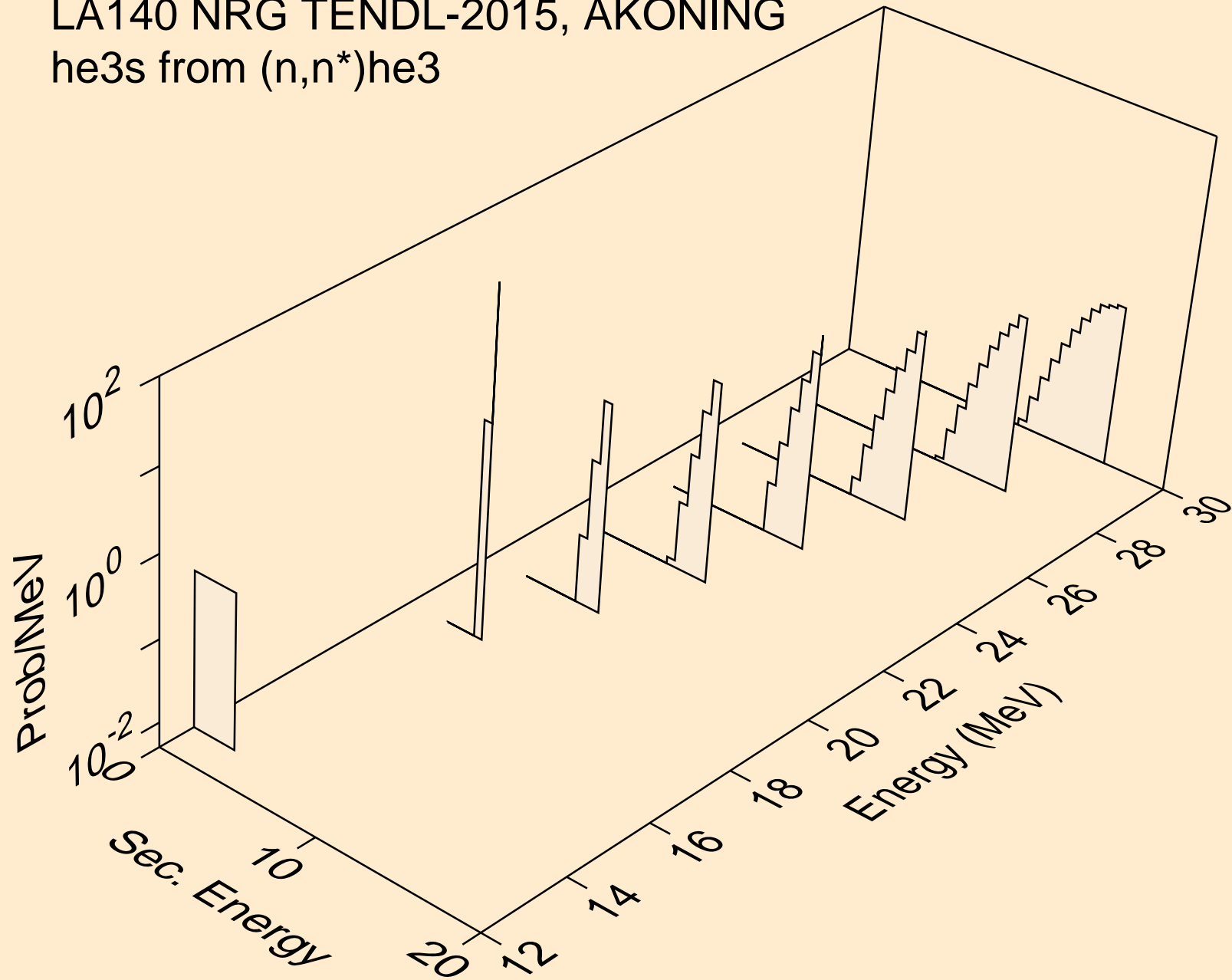
LA140 NRG TENDL-2015, AKONING  
tritons from (n,pt)



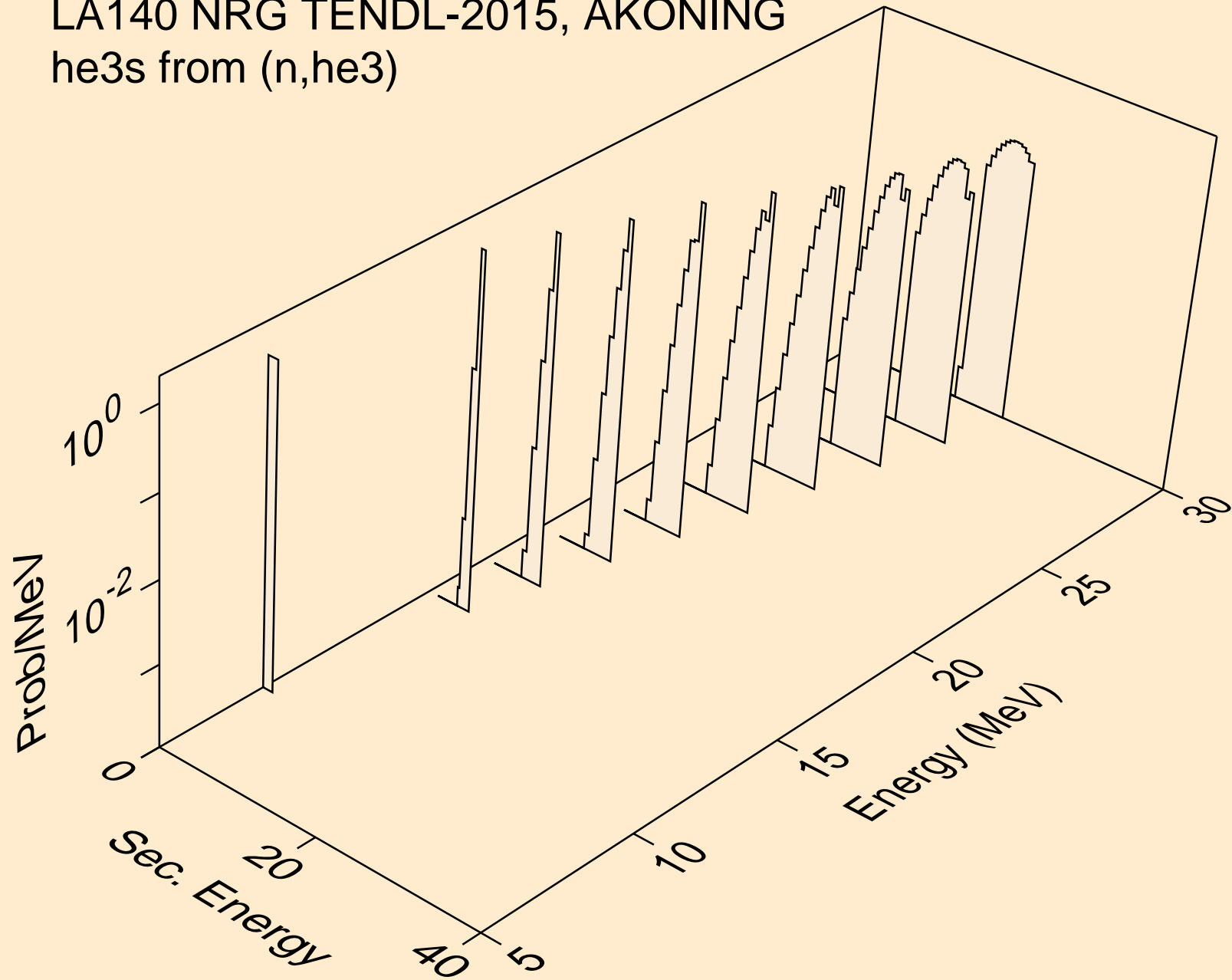
LA140 NRG TENDL-2015, AKONING  
he3s from (n,x)



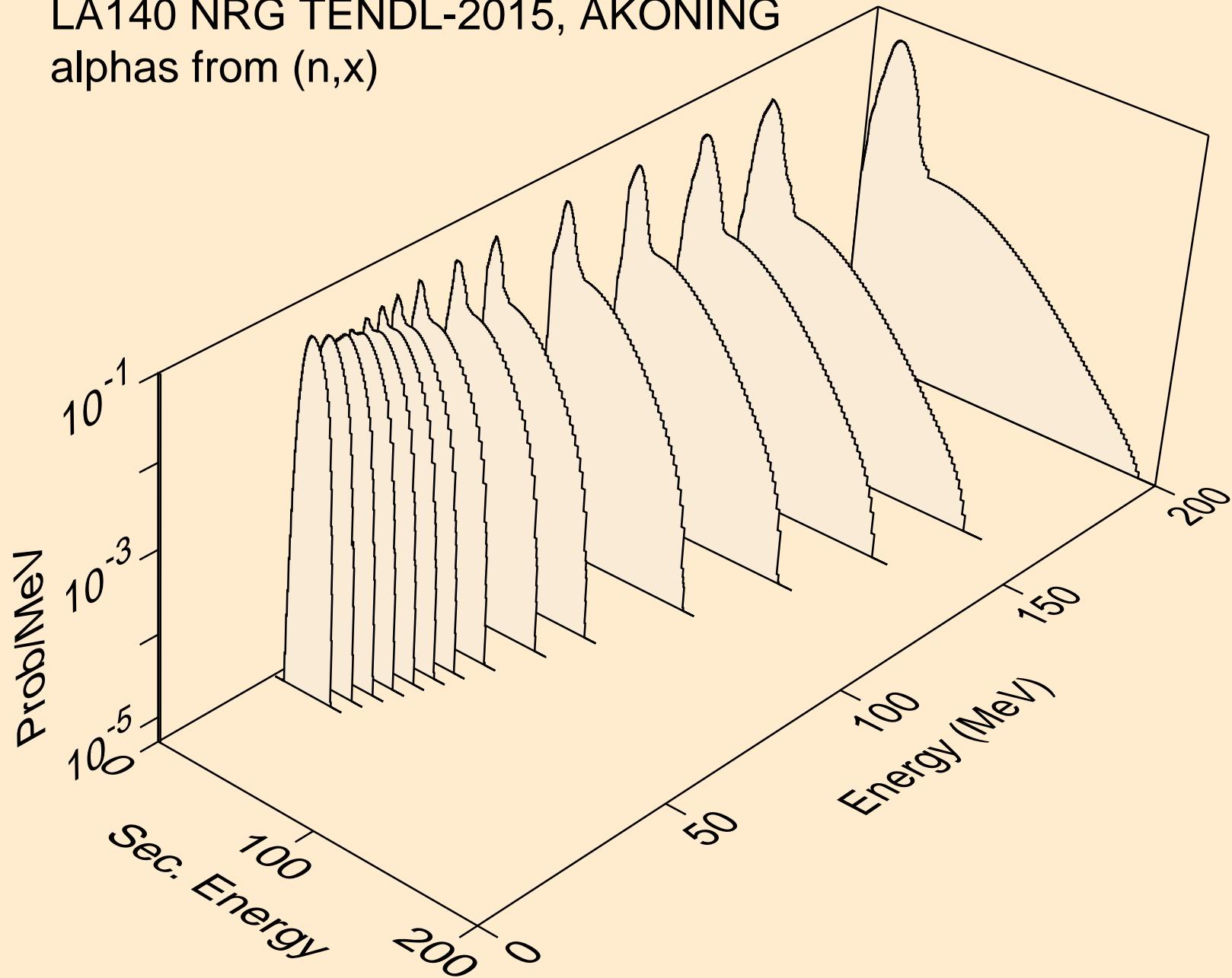
LA140 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



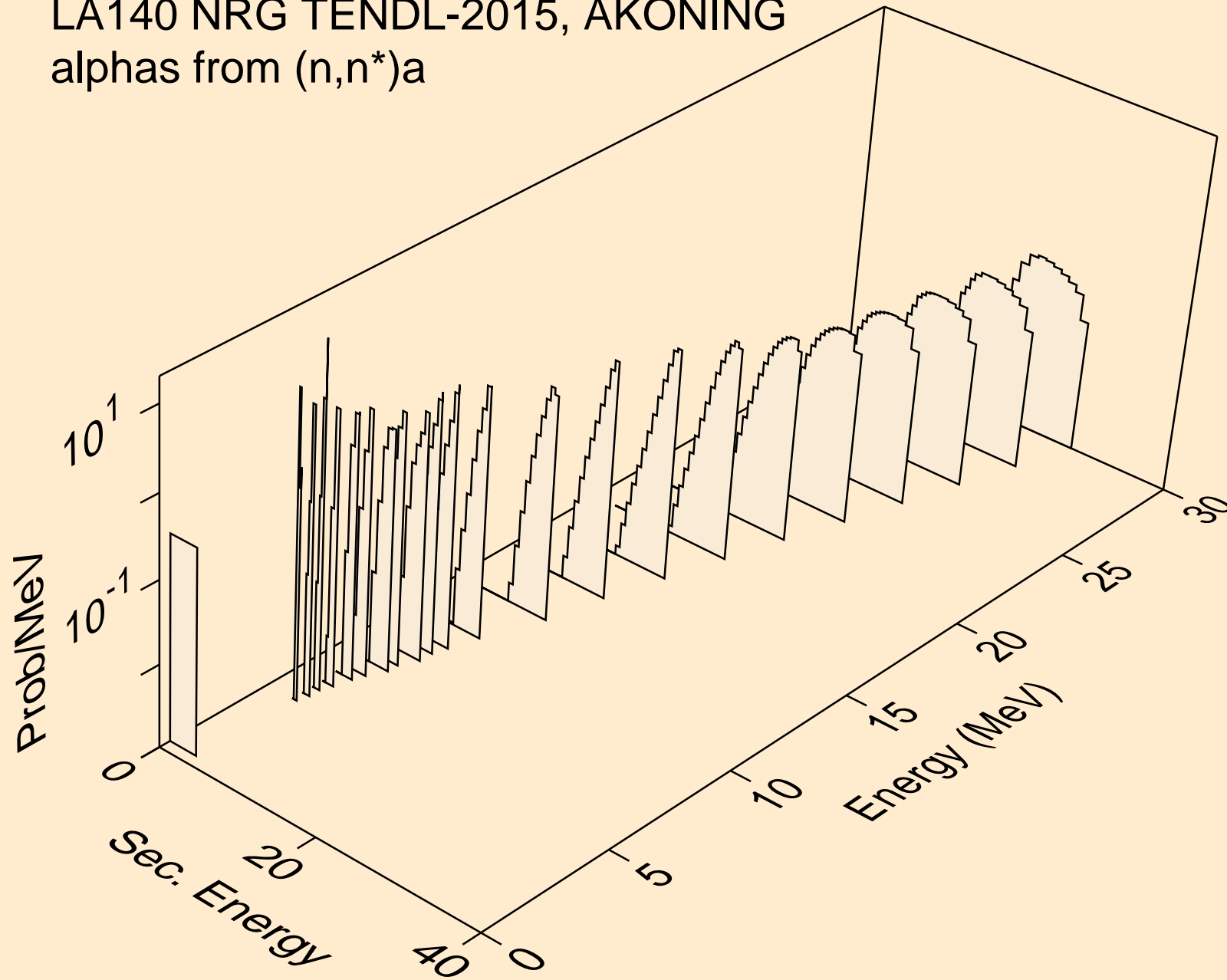
LA140 NRG TENDL-2015, AKONING  
he3s from (n,he3)



LA140 NRG TENDL-2015, AKONING  
alphas from (n,x)

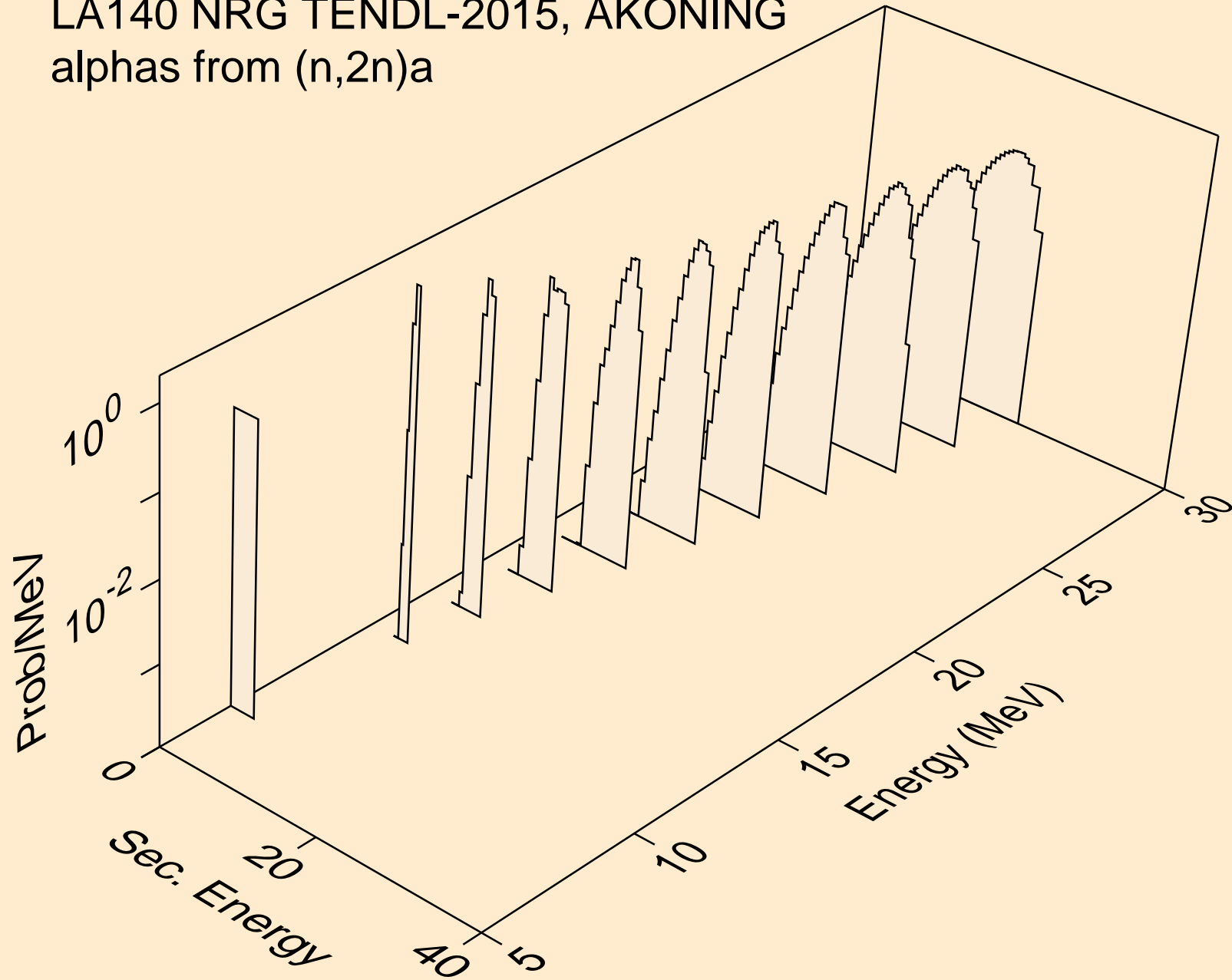


LA140 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

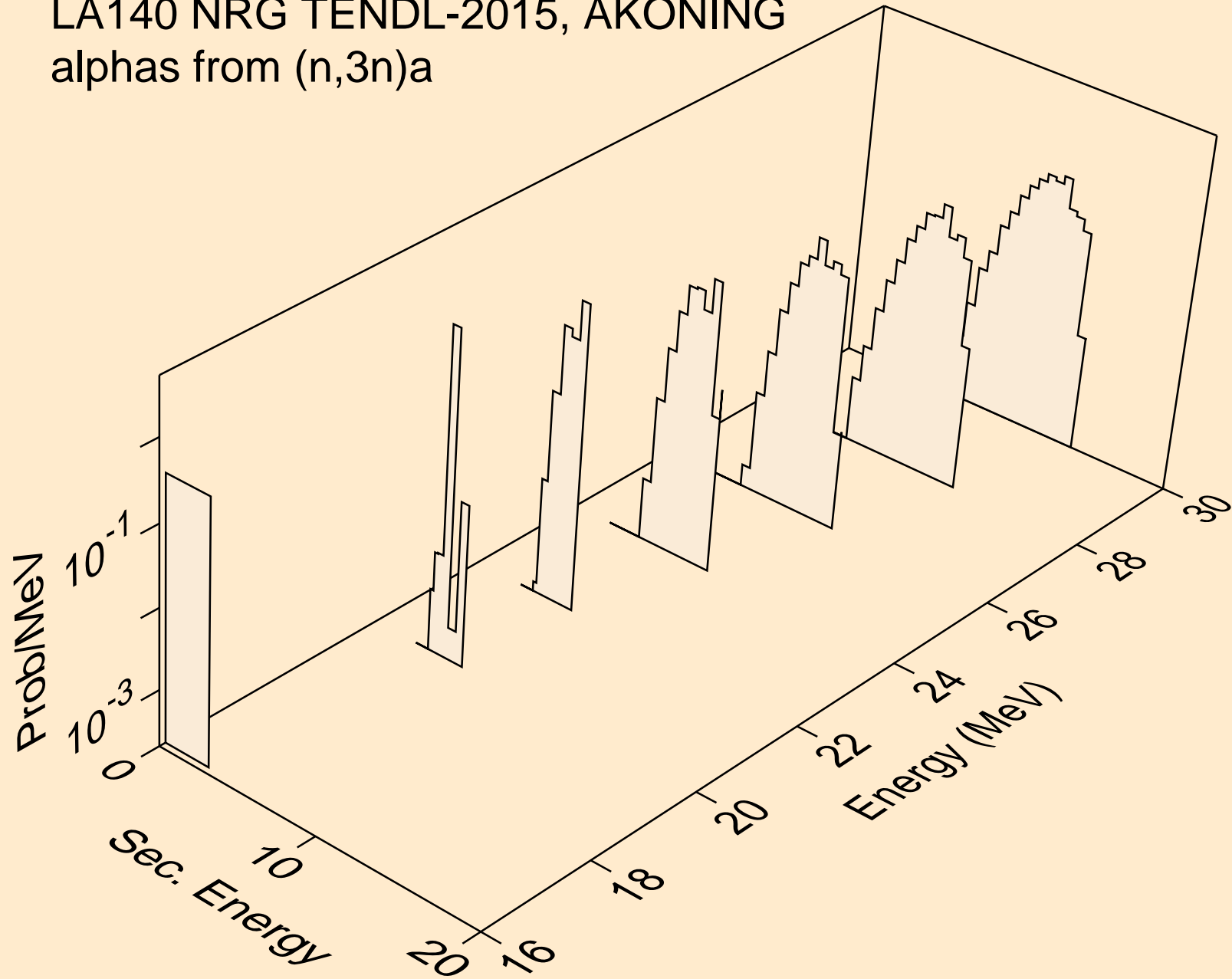




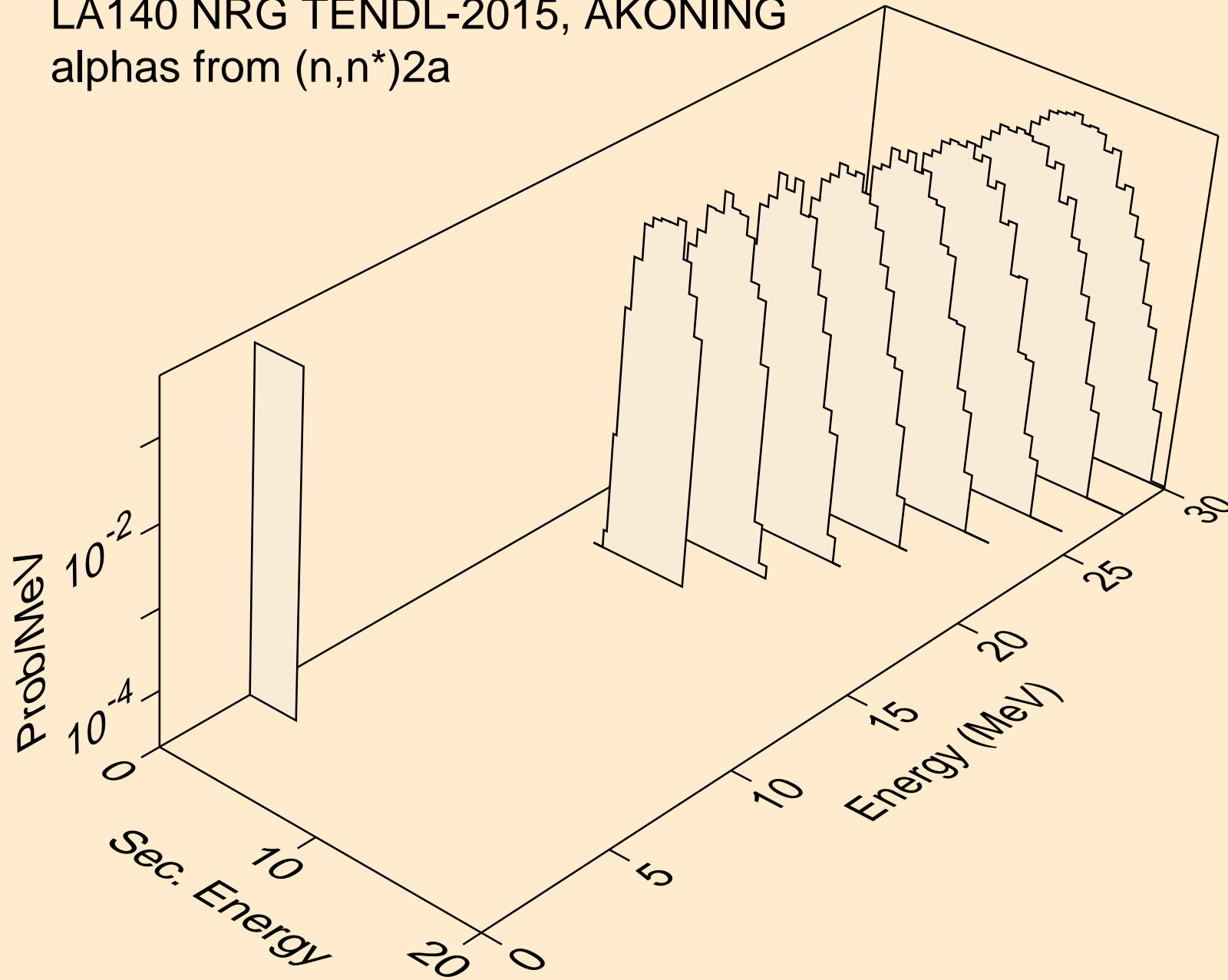
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alphas from (n,2n)a



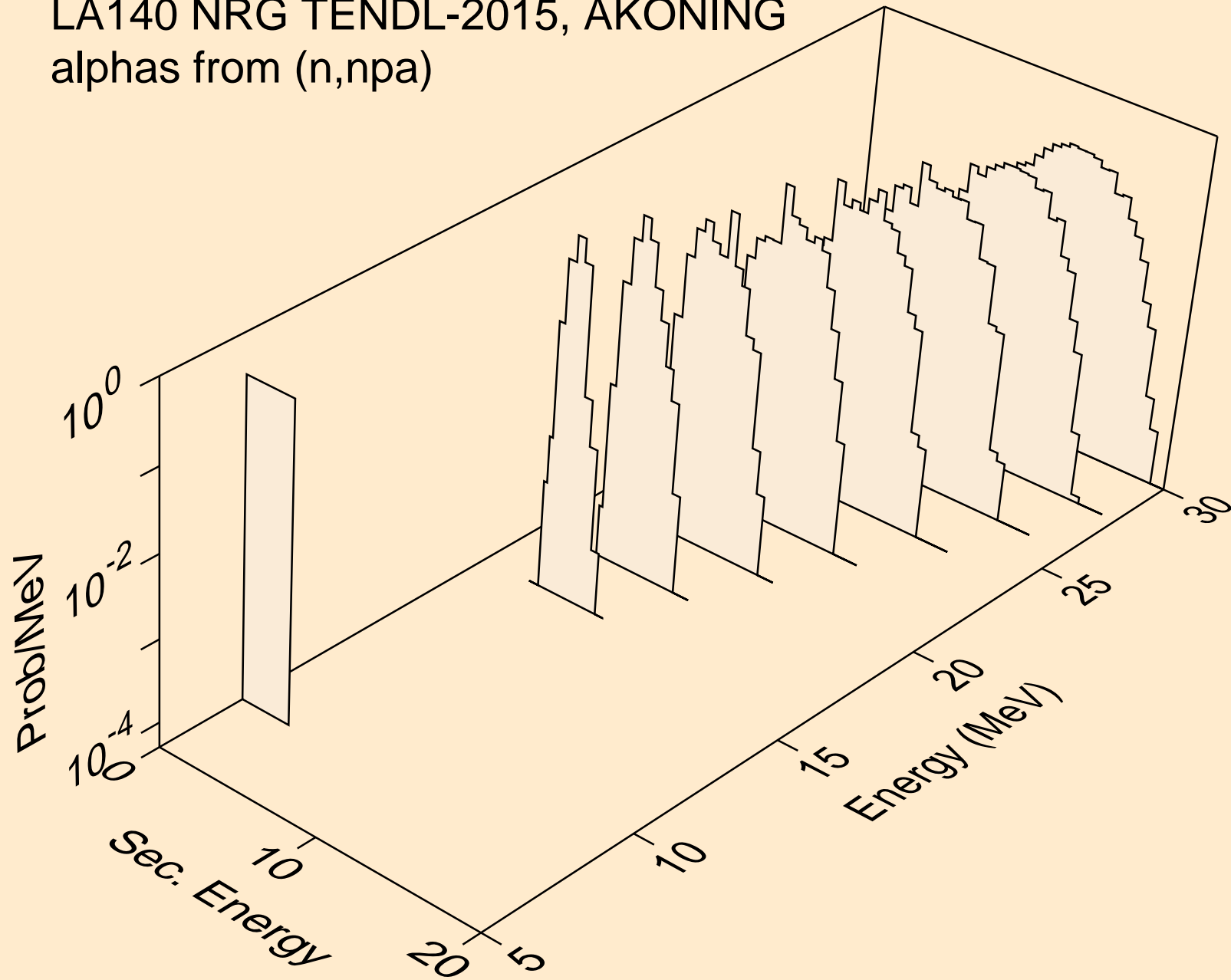
LA140 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



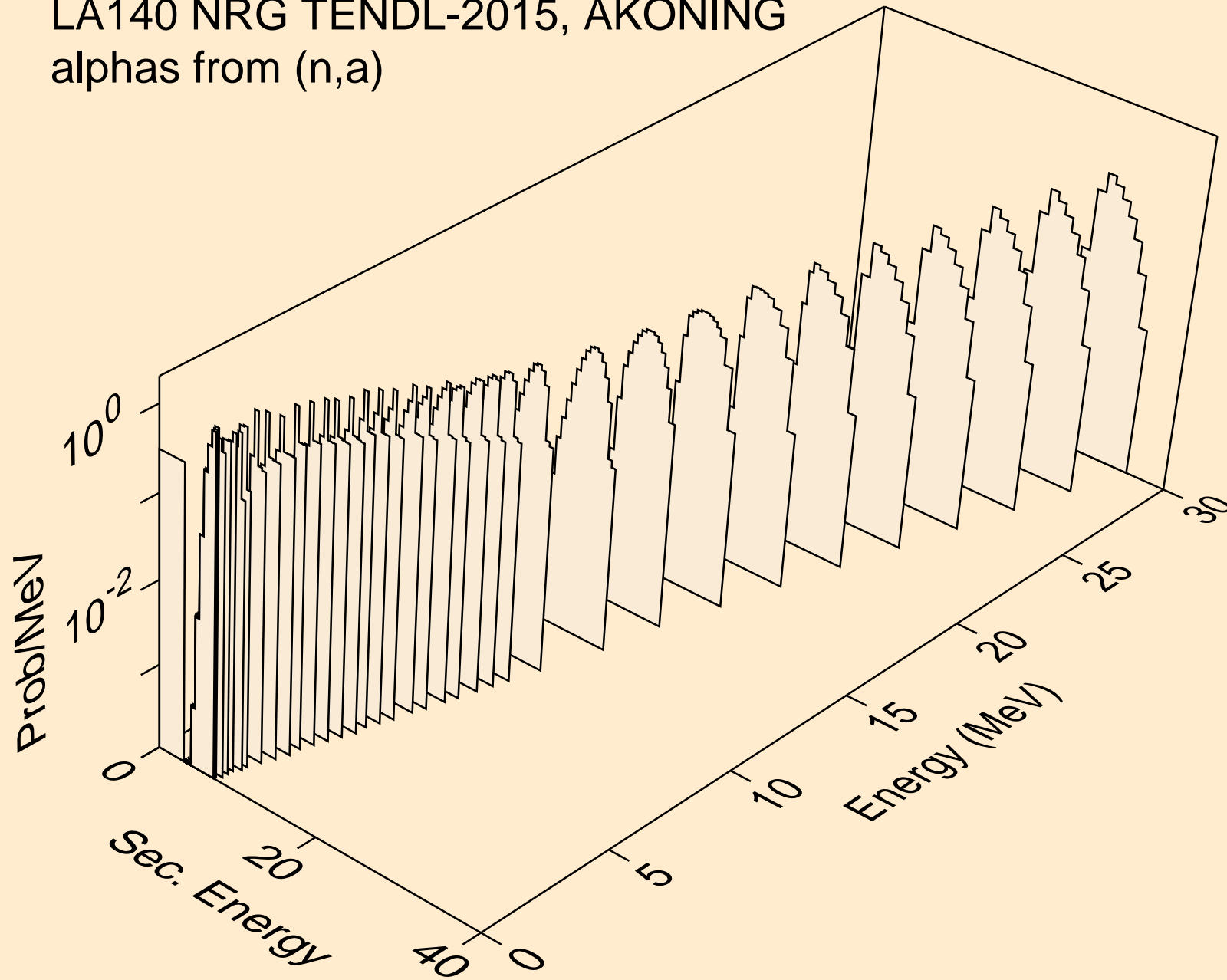
LA140 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



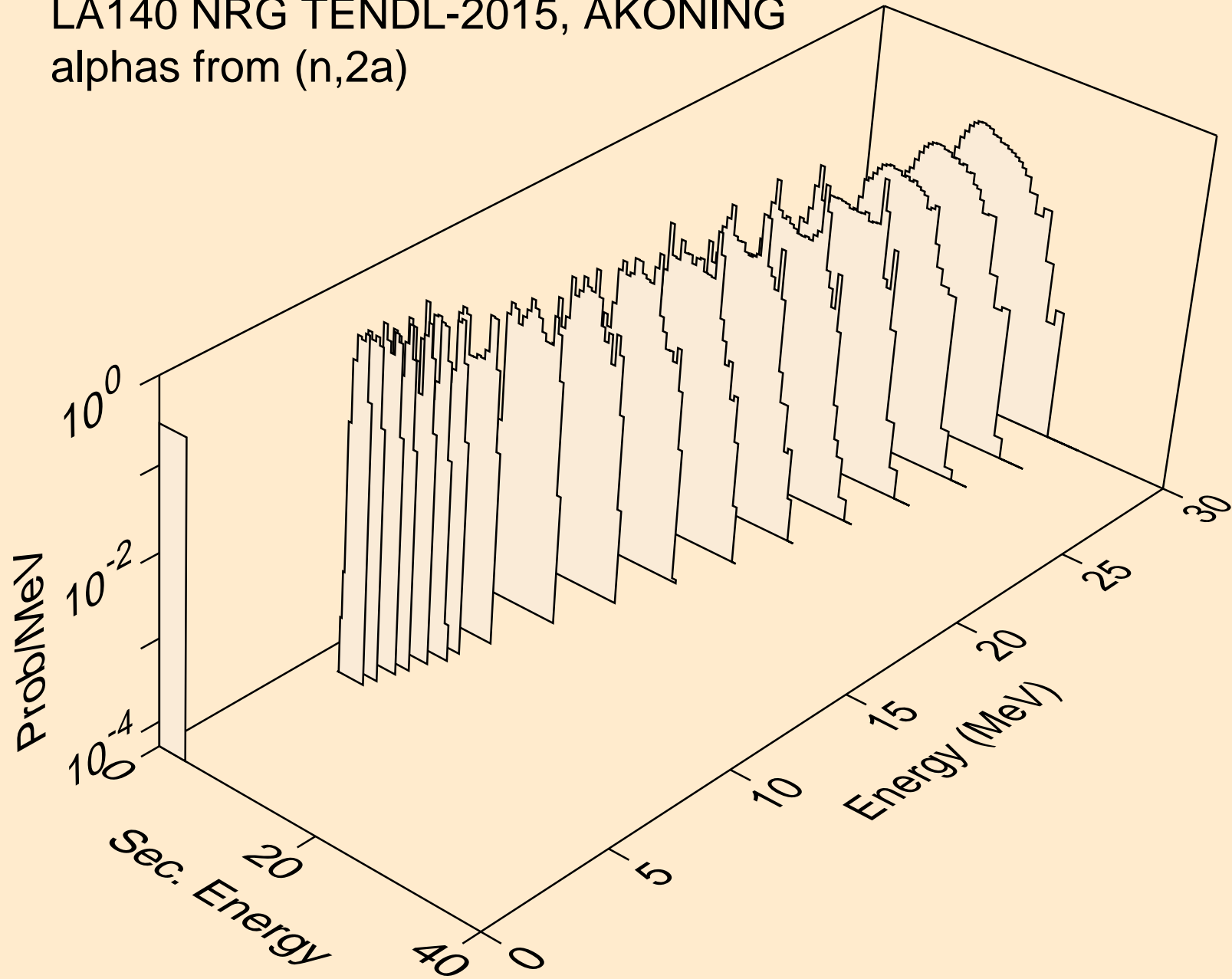
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alphas from (n,npa)



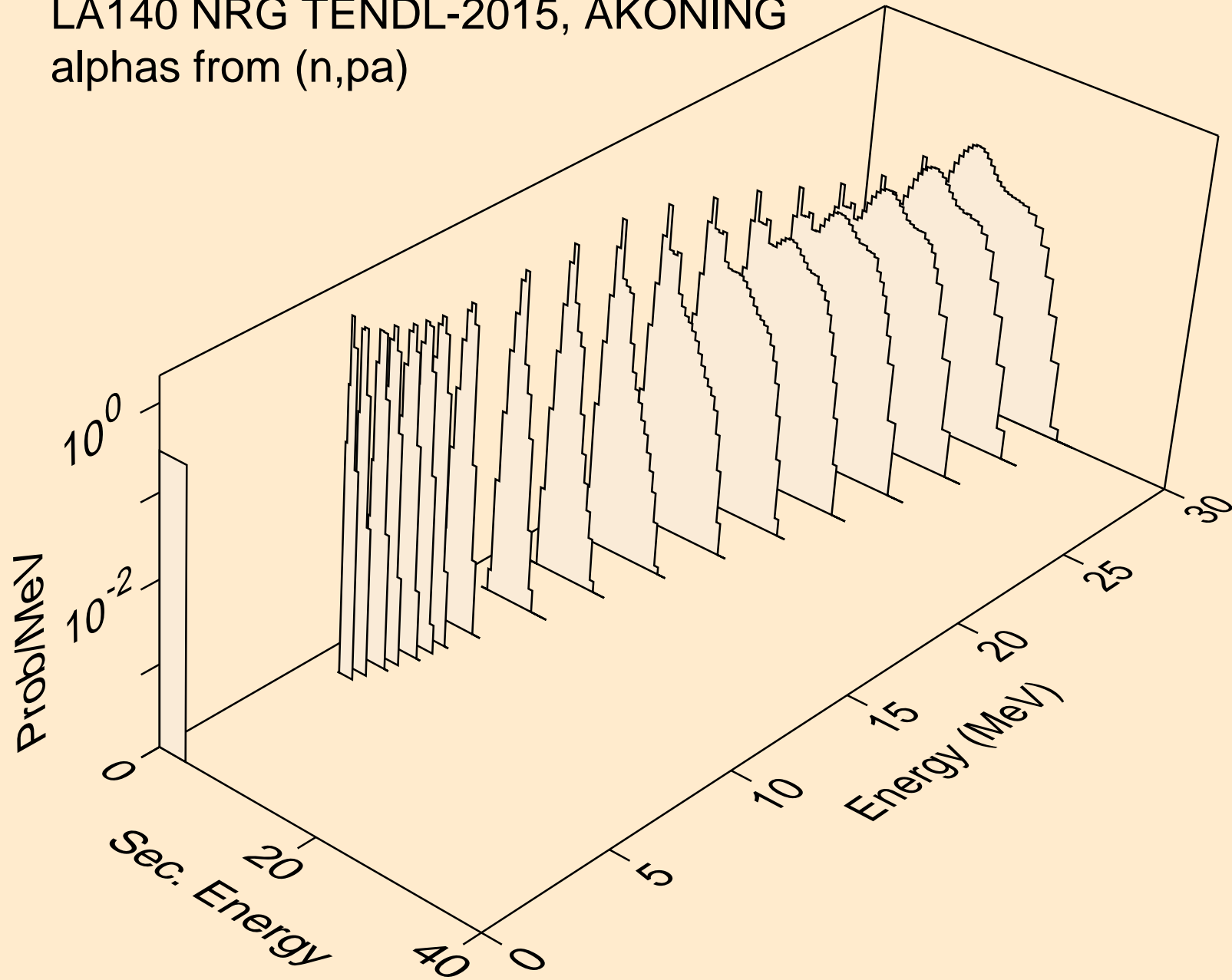
LA140 NRG TENDL-2015, AKONING  
alphas from (n,a)



LA140 NRG TENDL-2015, AKONING  
alphas from (n,2a)



LA140 NRG TENDL-2015, AKONING  
alphas from (n,pa)



LA140 NRG TENDL-2015, AKONING  
alphas from (n,da)

