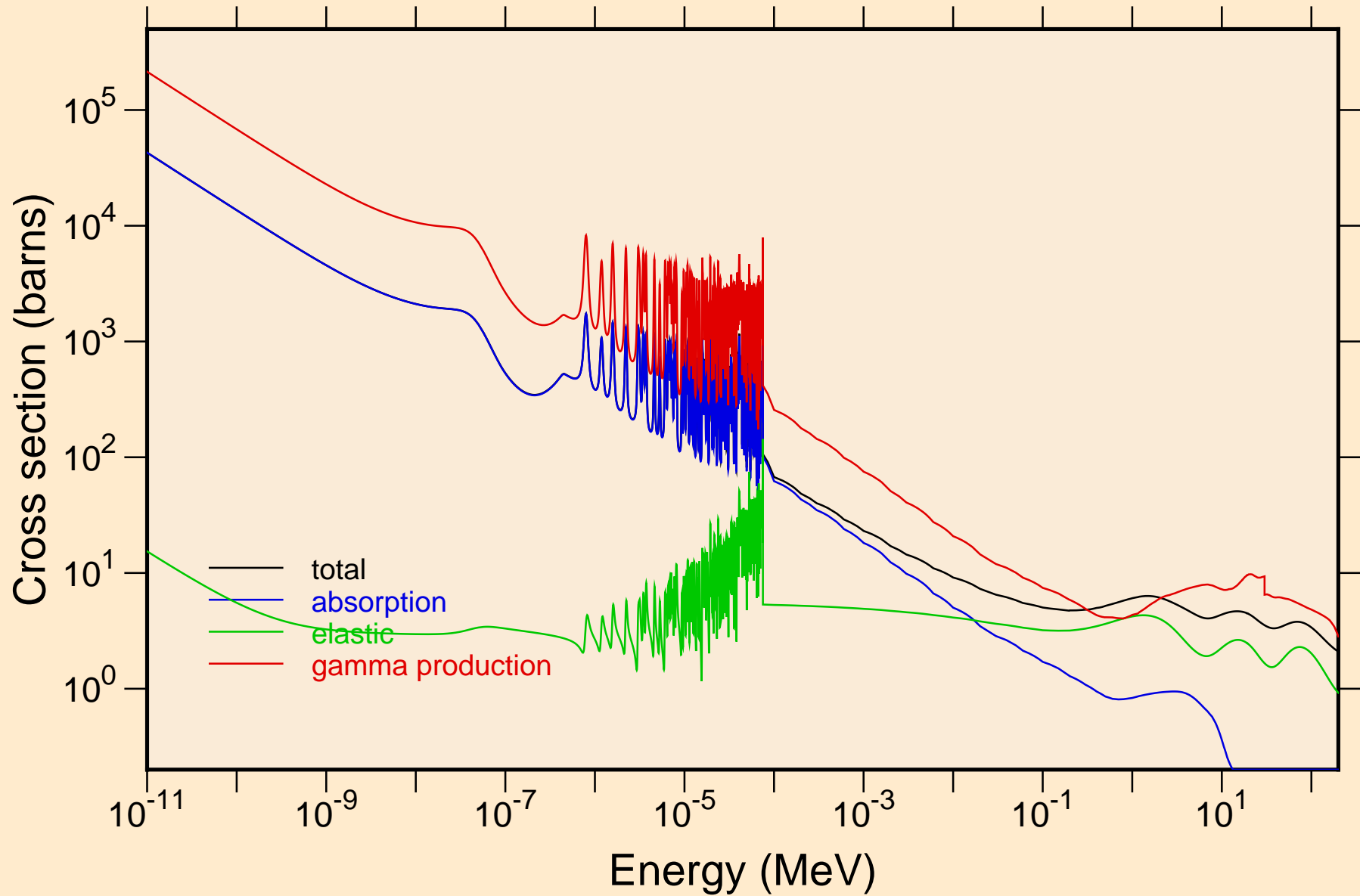
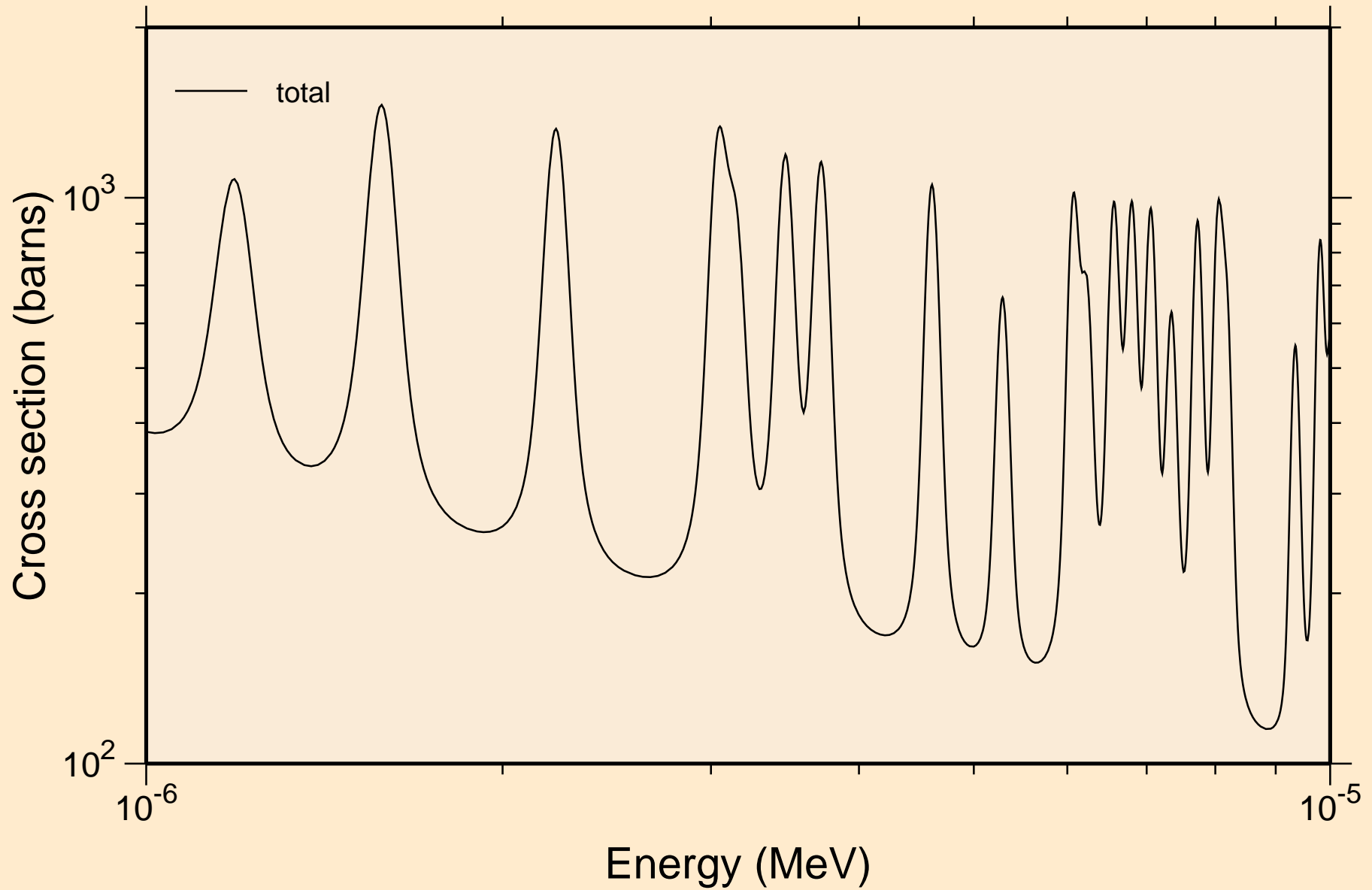


# LA127M NRG TENDL-2015, AKONING

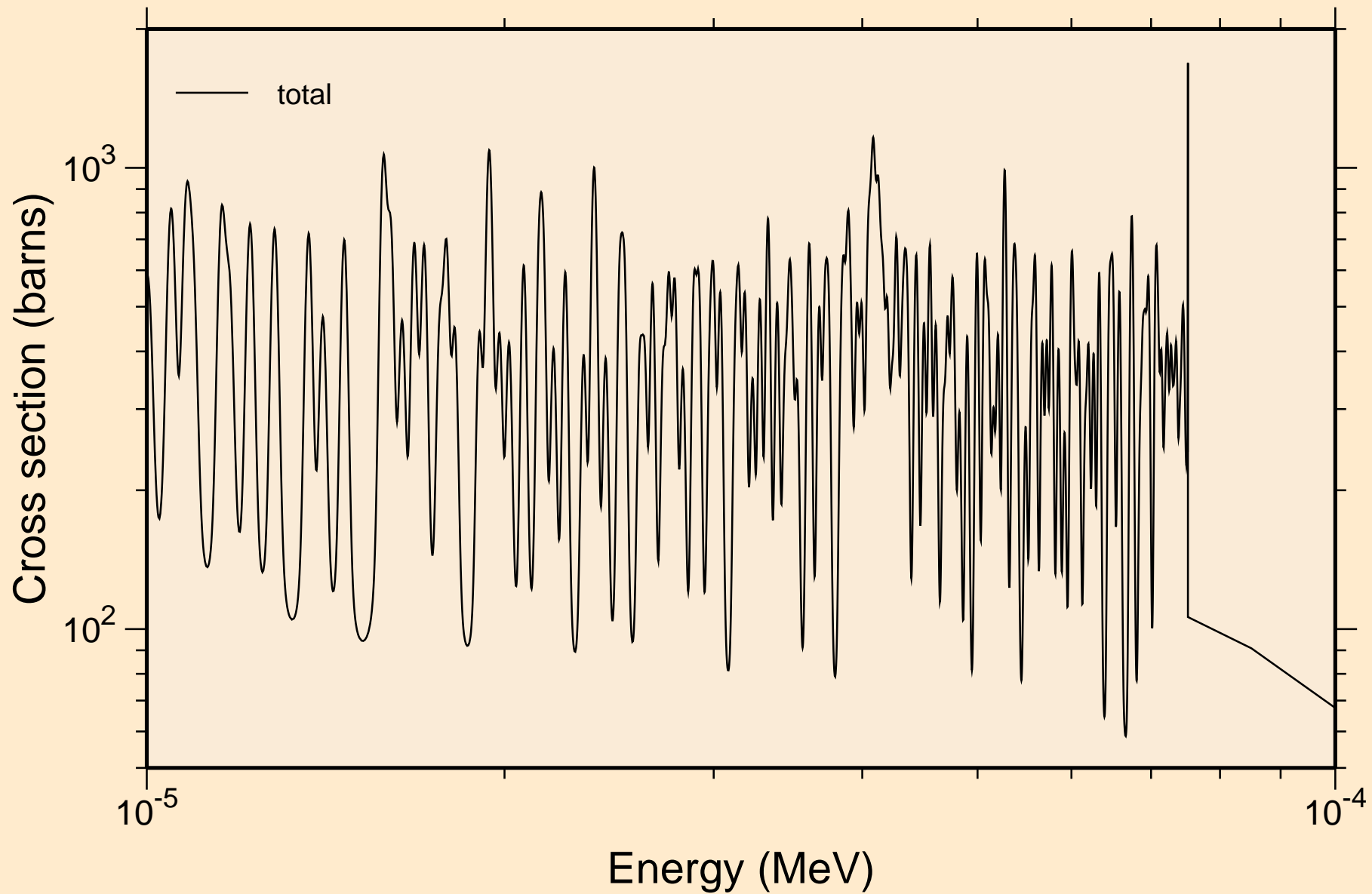
## Principal cross sections



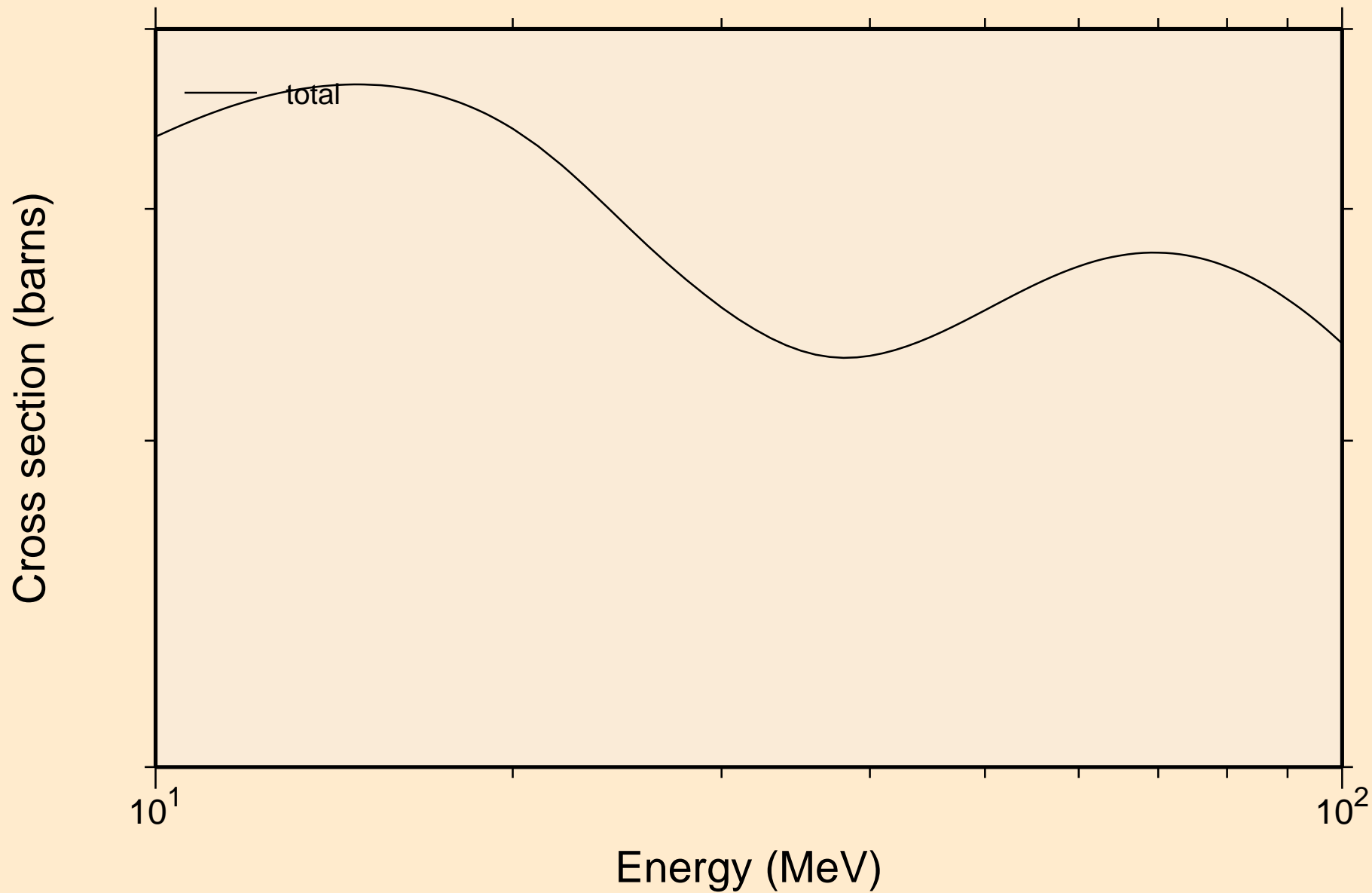
LA127M NRG TENDL-2015, AKONING  
resonance total cross section



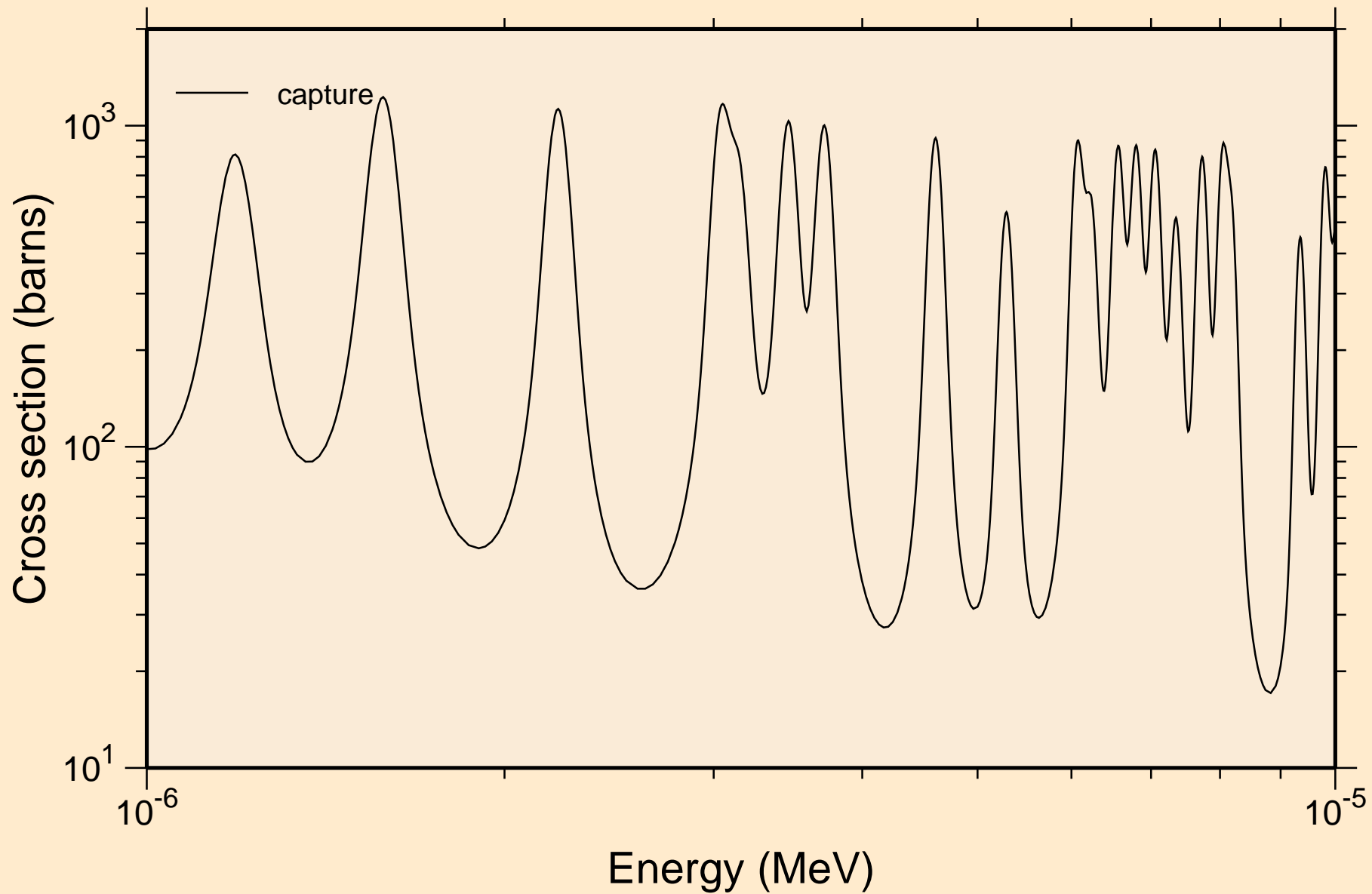
LA127M NRG TENDL-2015, AKONING  
resonance total cross section



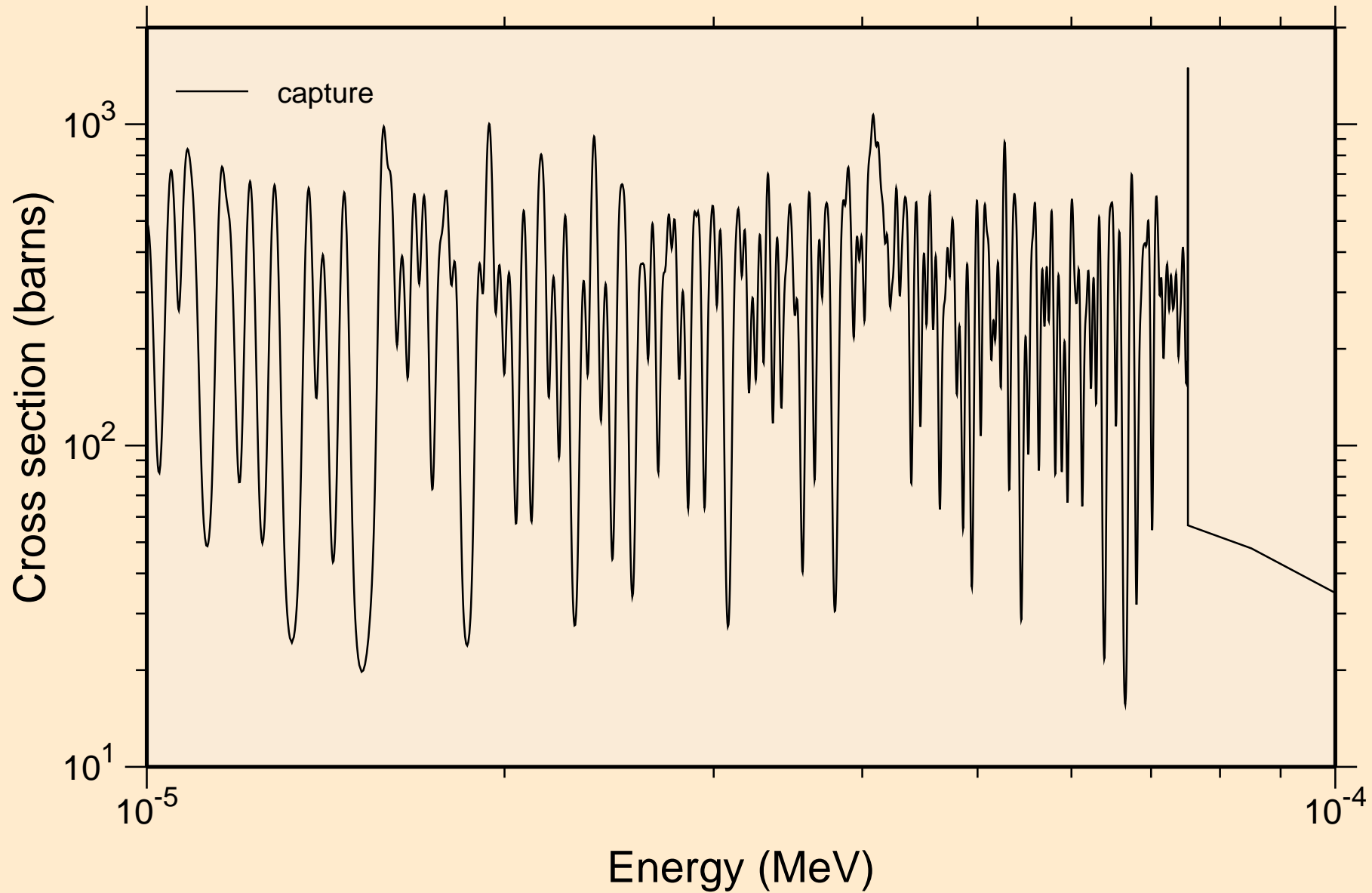
LÄ127M NRG TENDL-2015, AKONING  
resonance total cross section



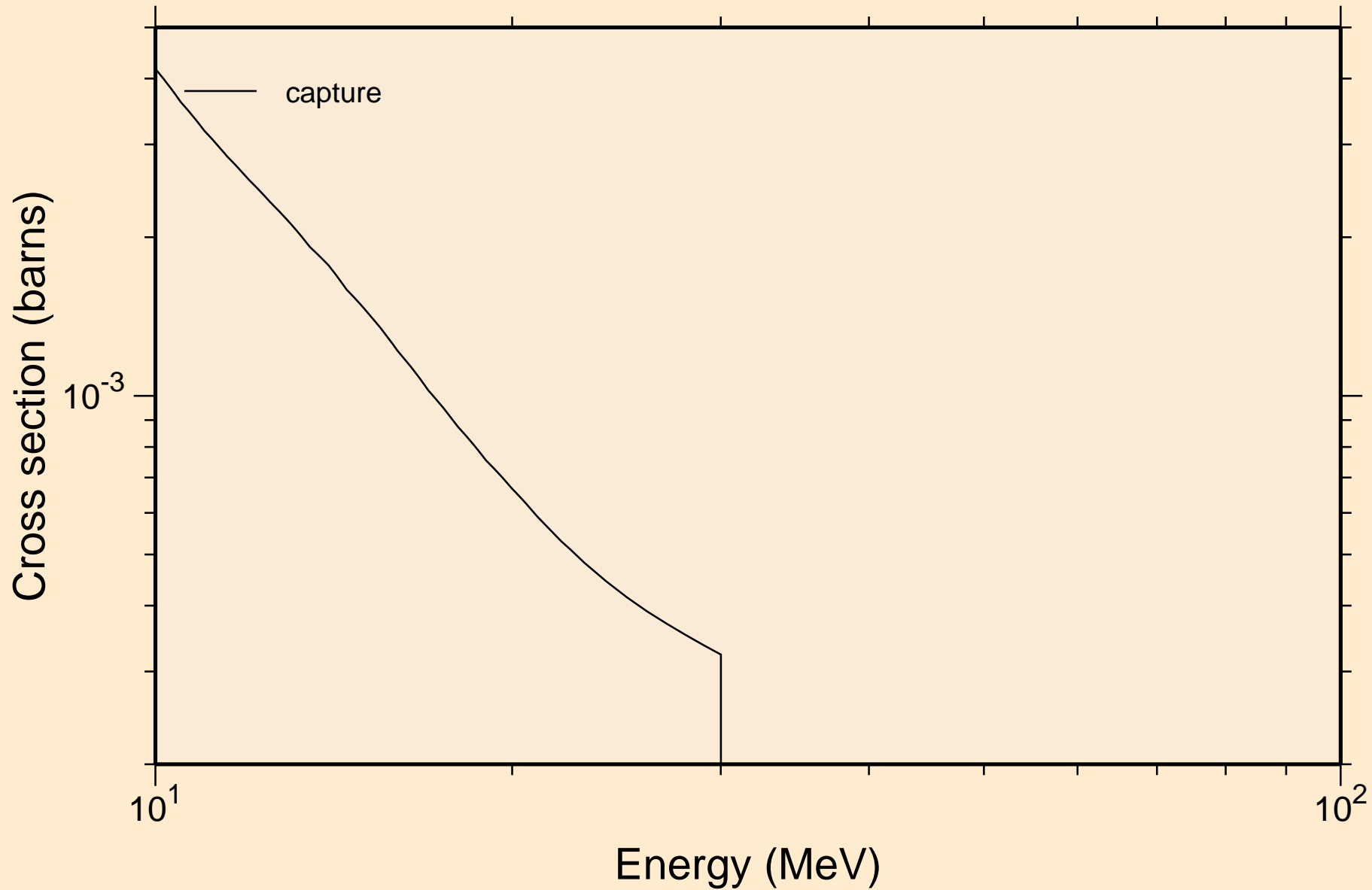
LA127M NRG TENDL-2015, AKONING  
resonance absorption cross sections



LA127M NRG TENDL-2015, AKONING  
resonance absorption cross sections

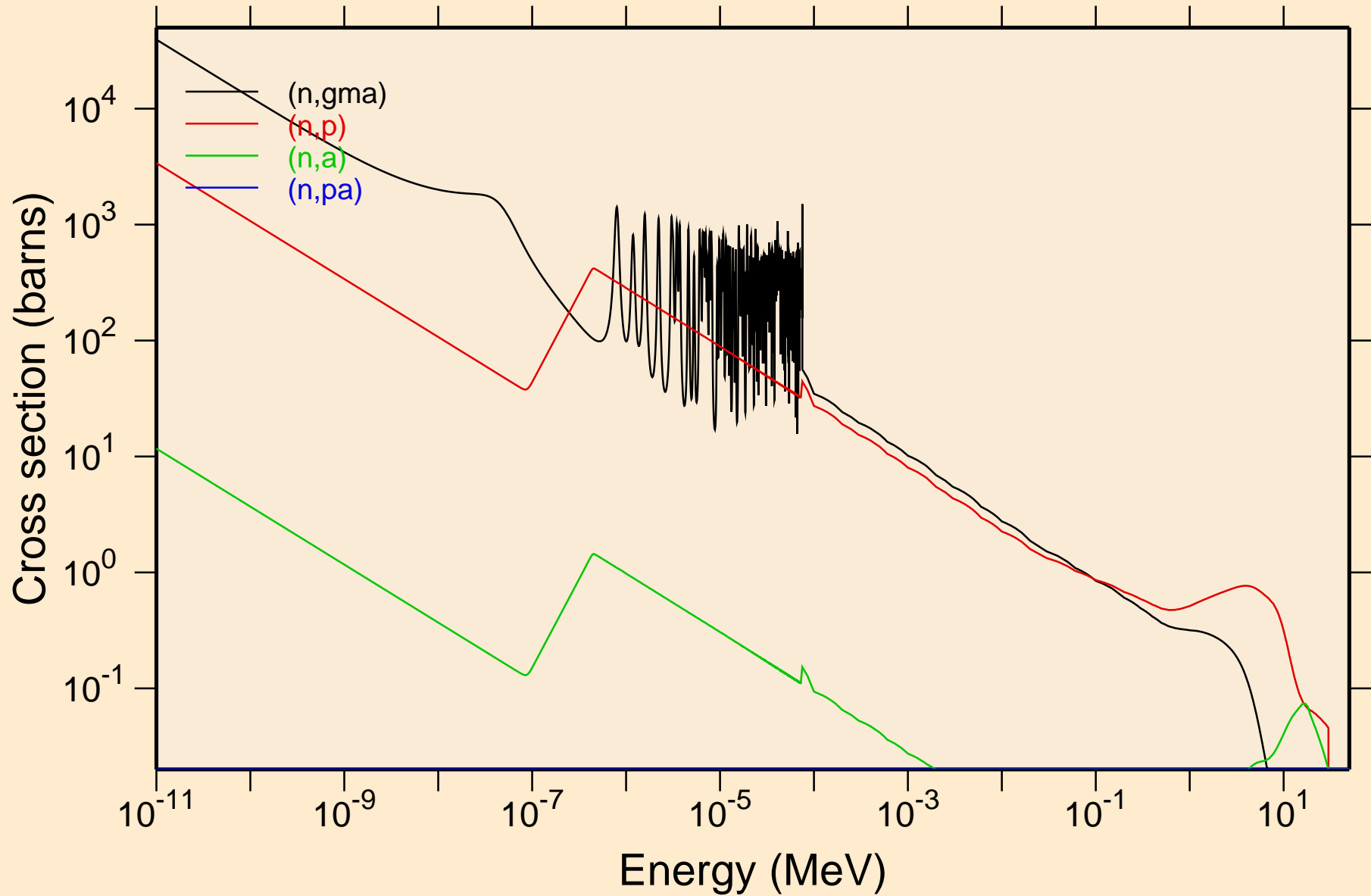


LA127M NRG TENDL-2015, AKONING  
resonance absorption cross sections



# LA127M NRG TENDL-2015, AKONING

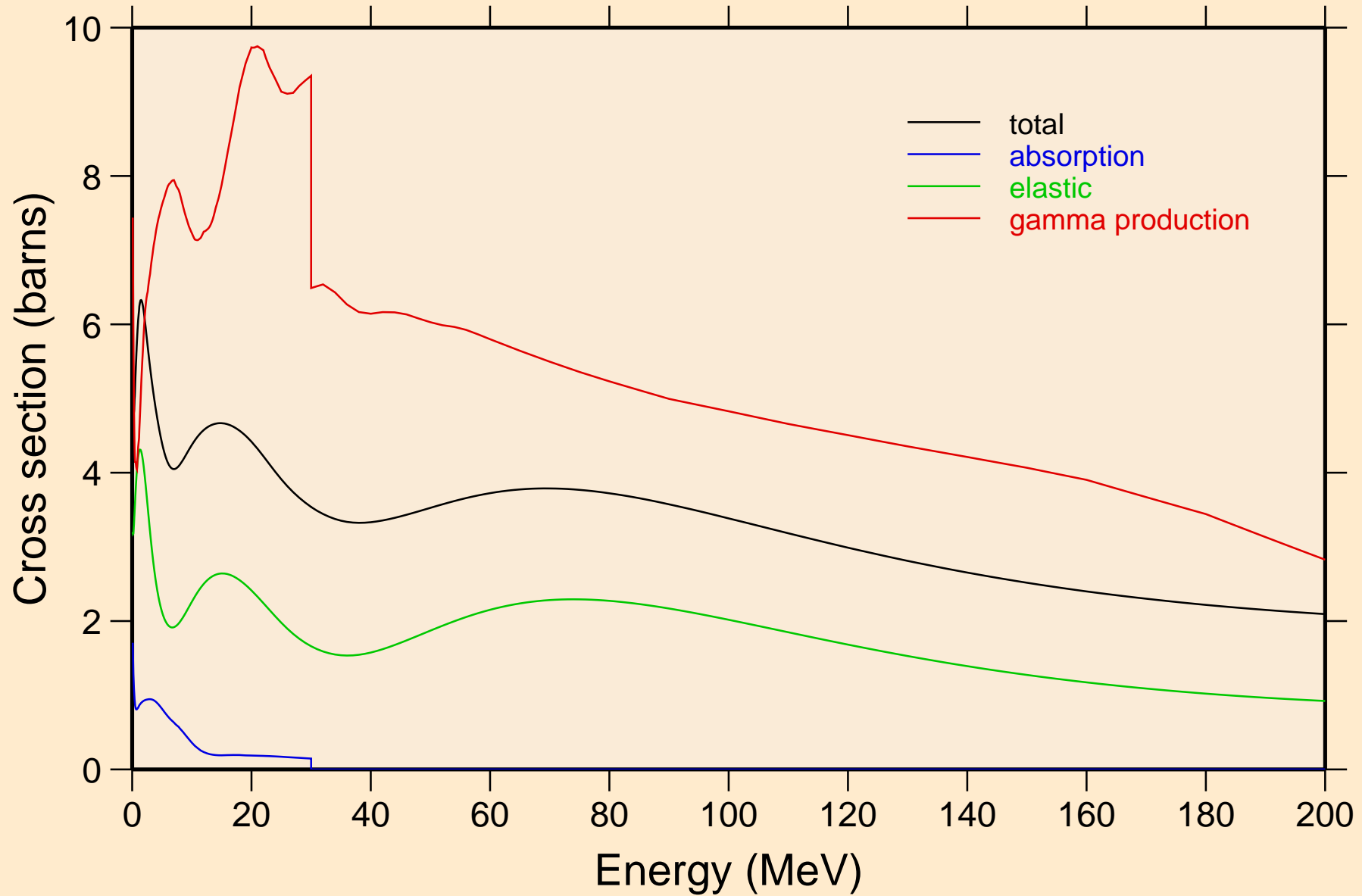
## Non-threshold reactions





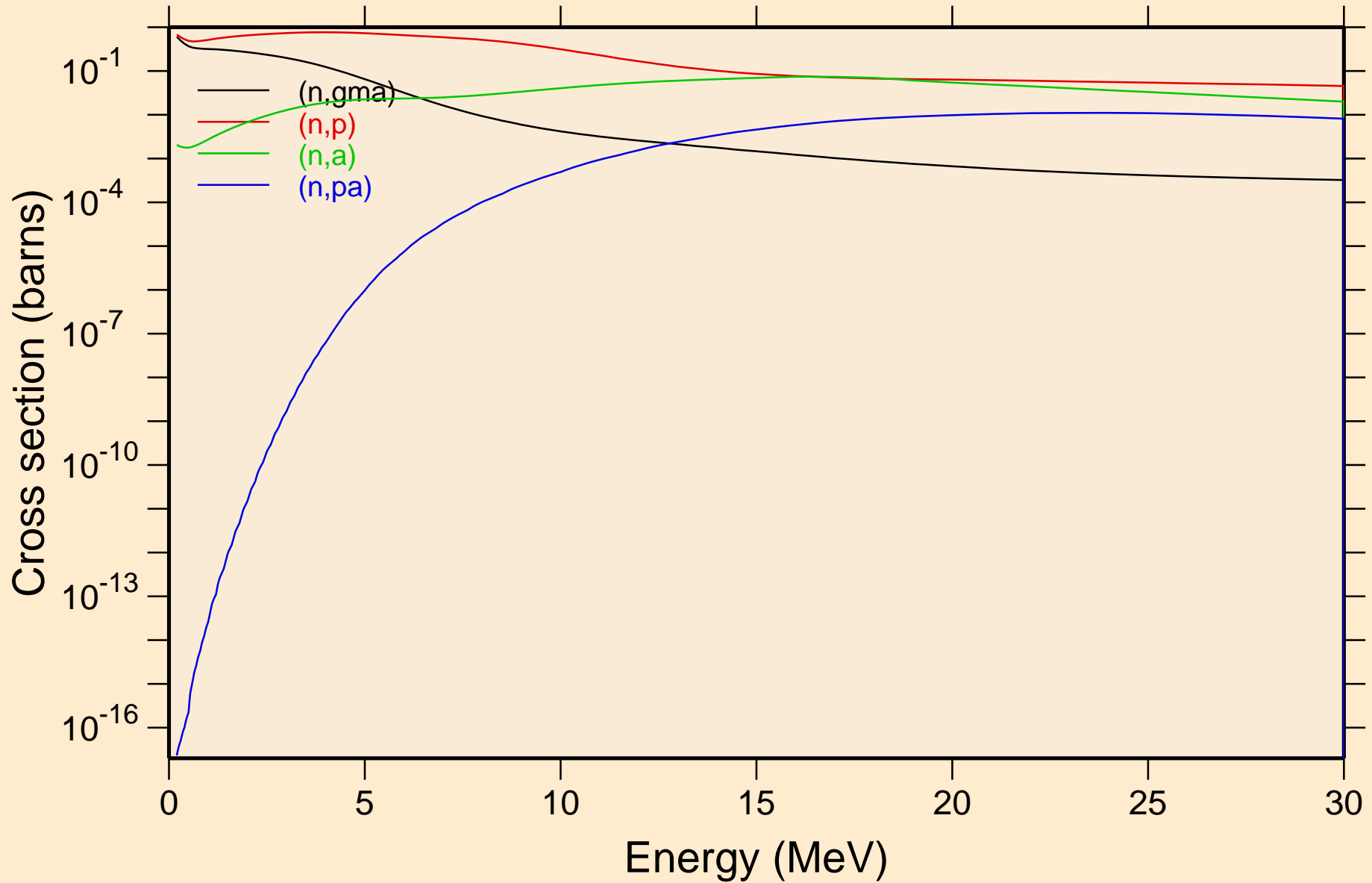
# LA127M NRG TENDL-2015, AKONING

## Principal cross sections



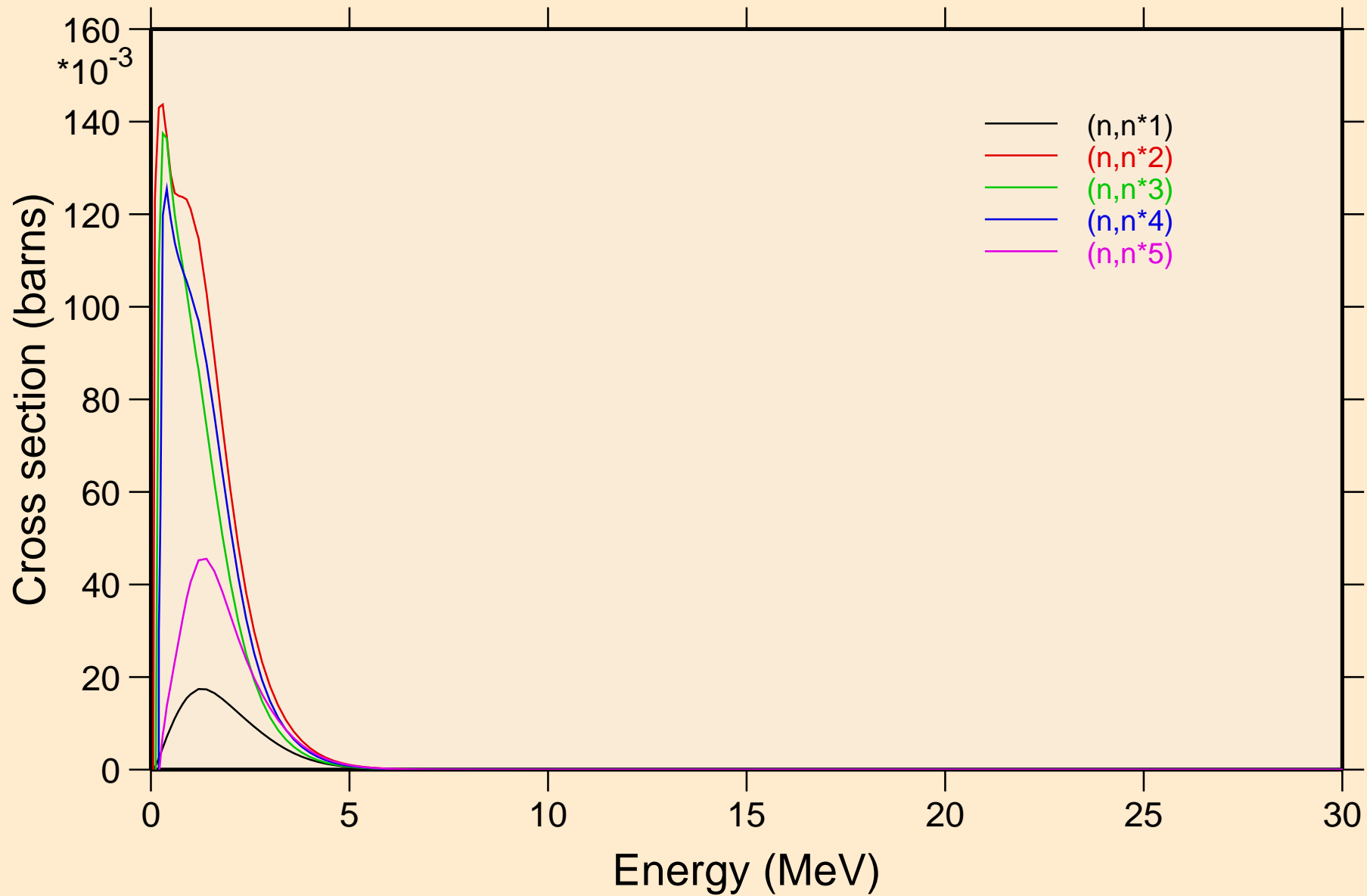
# LA127M NRG TENDL-2015, AKONING

## Non-threshold reactions



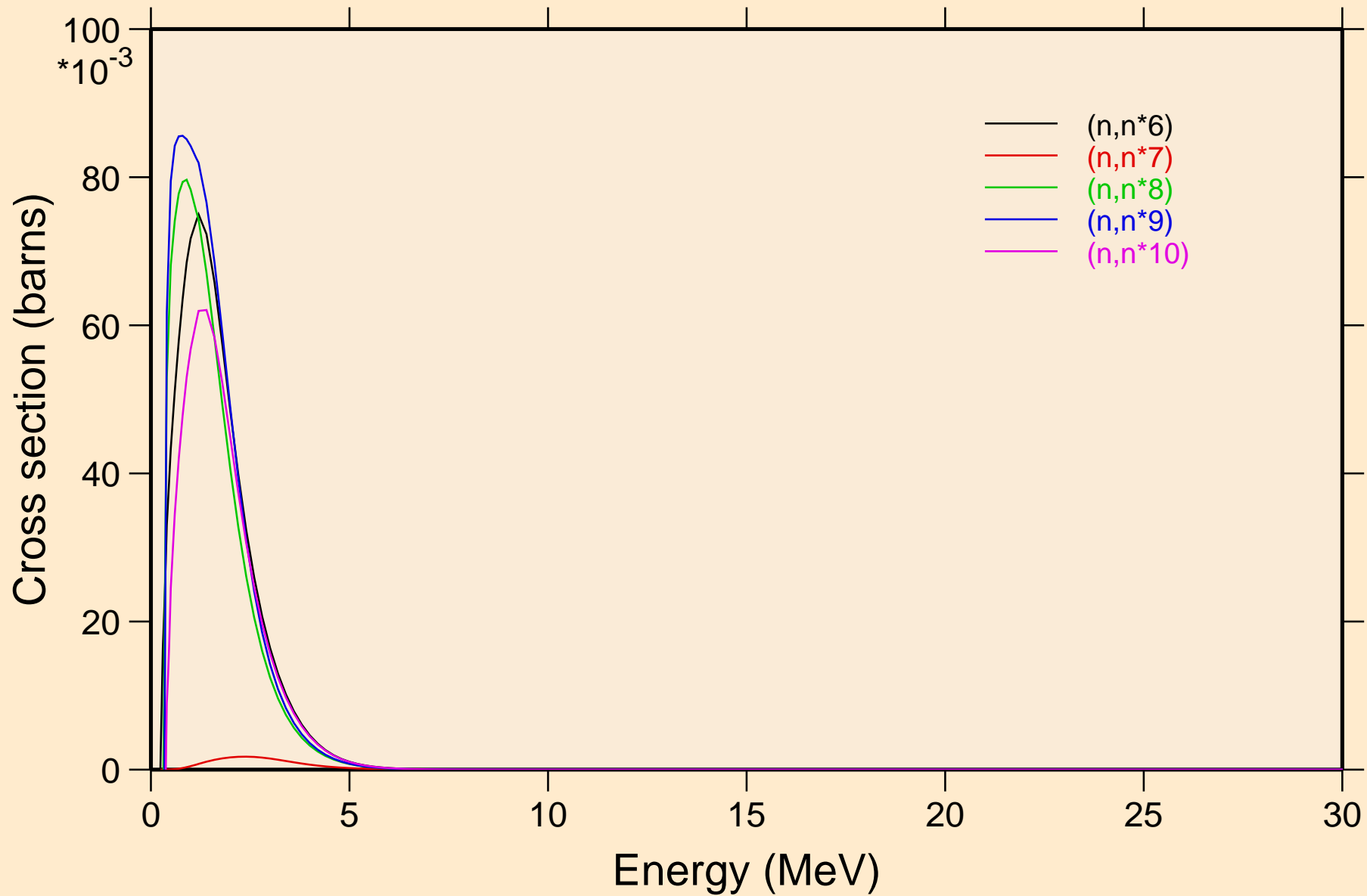
# LA127M NRG TENDL-2015, AKONING

## Inelastic levels



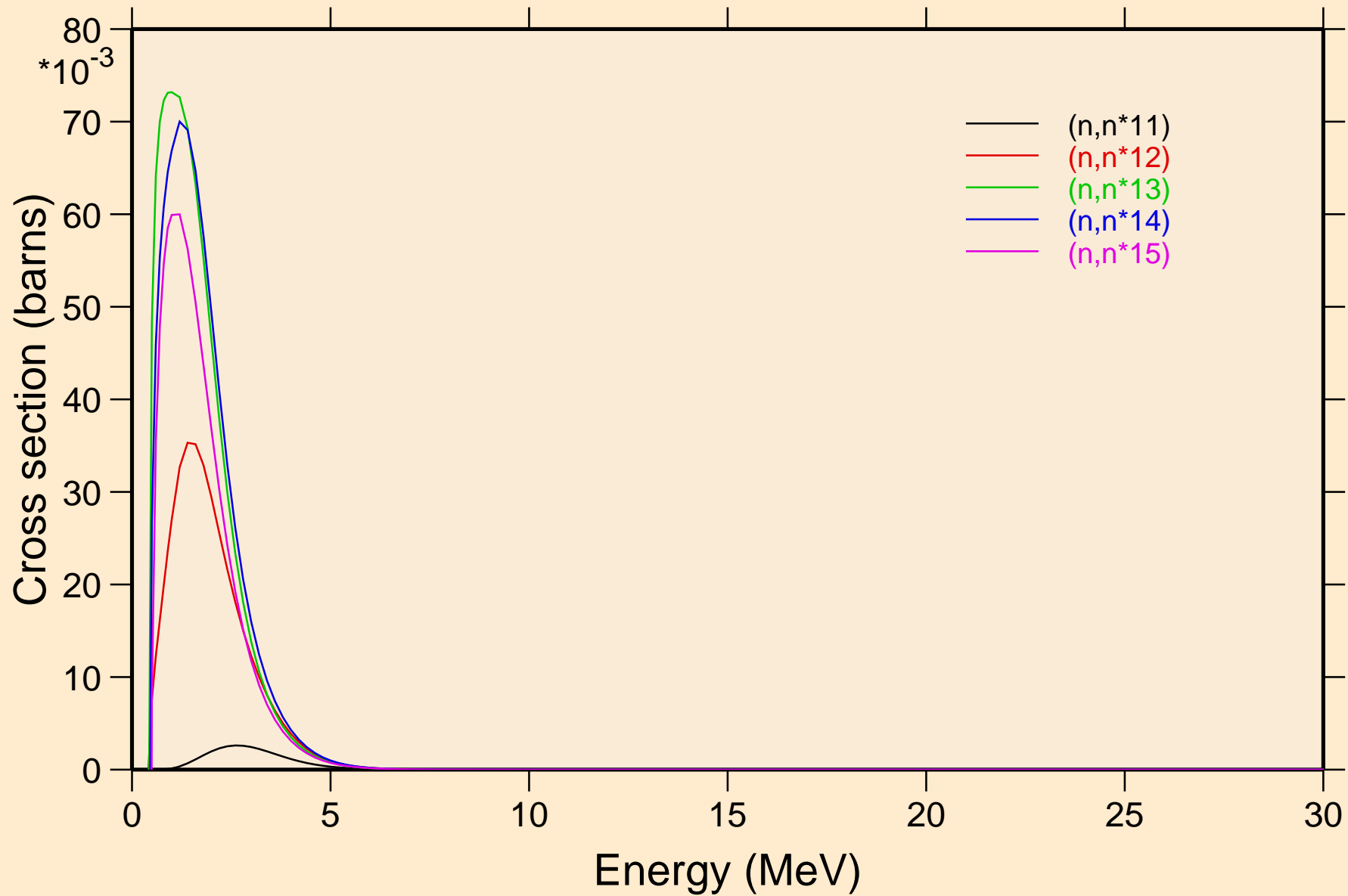
# LA127M NRG TENDL-2015, AKONING

## Inelastic levels

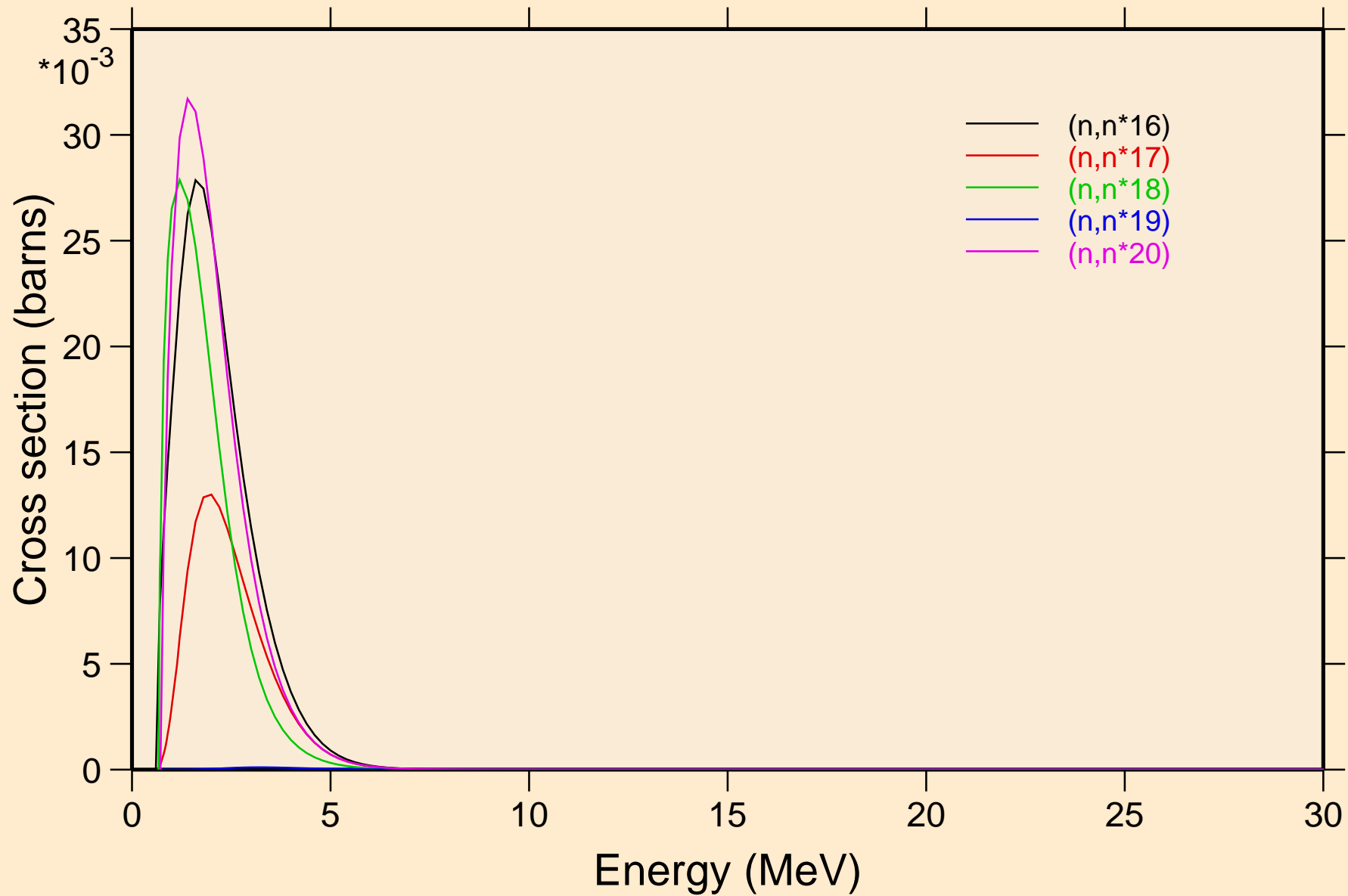


# LA127M NRG TENDL-2015, AKONING

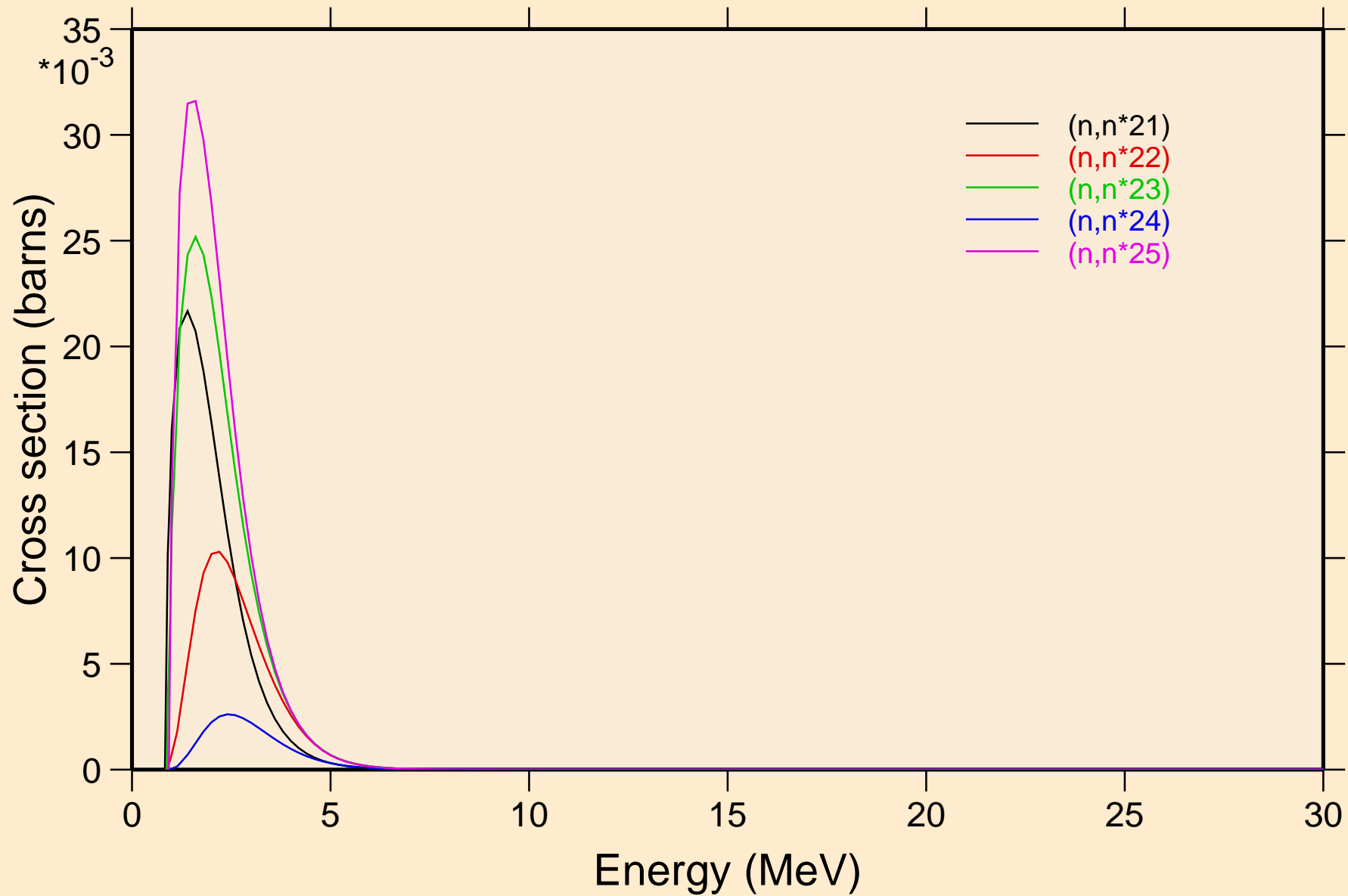
## Inelastic levels



LA127M NRG TENDL-2015, AKONING  
Inelastic levels

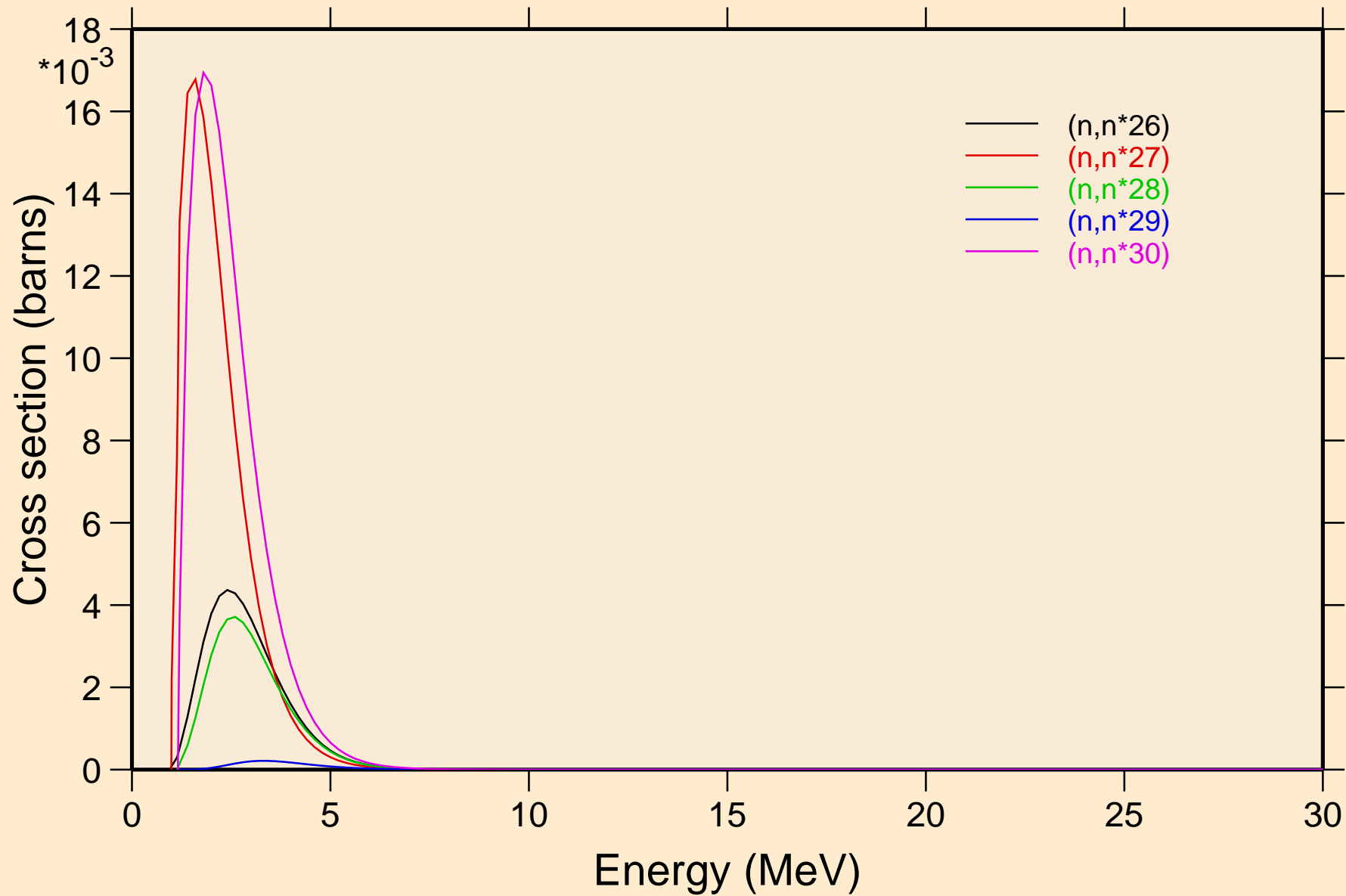


LA127M NRG TENDL-2015, AKONING  
Inelastic levels



# LA127M NRG TENDL-2015, AKONING

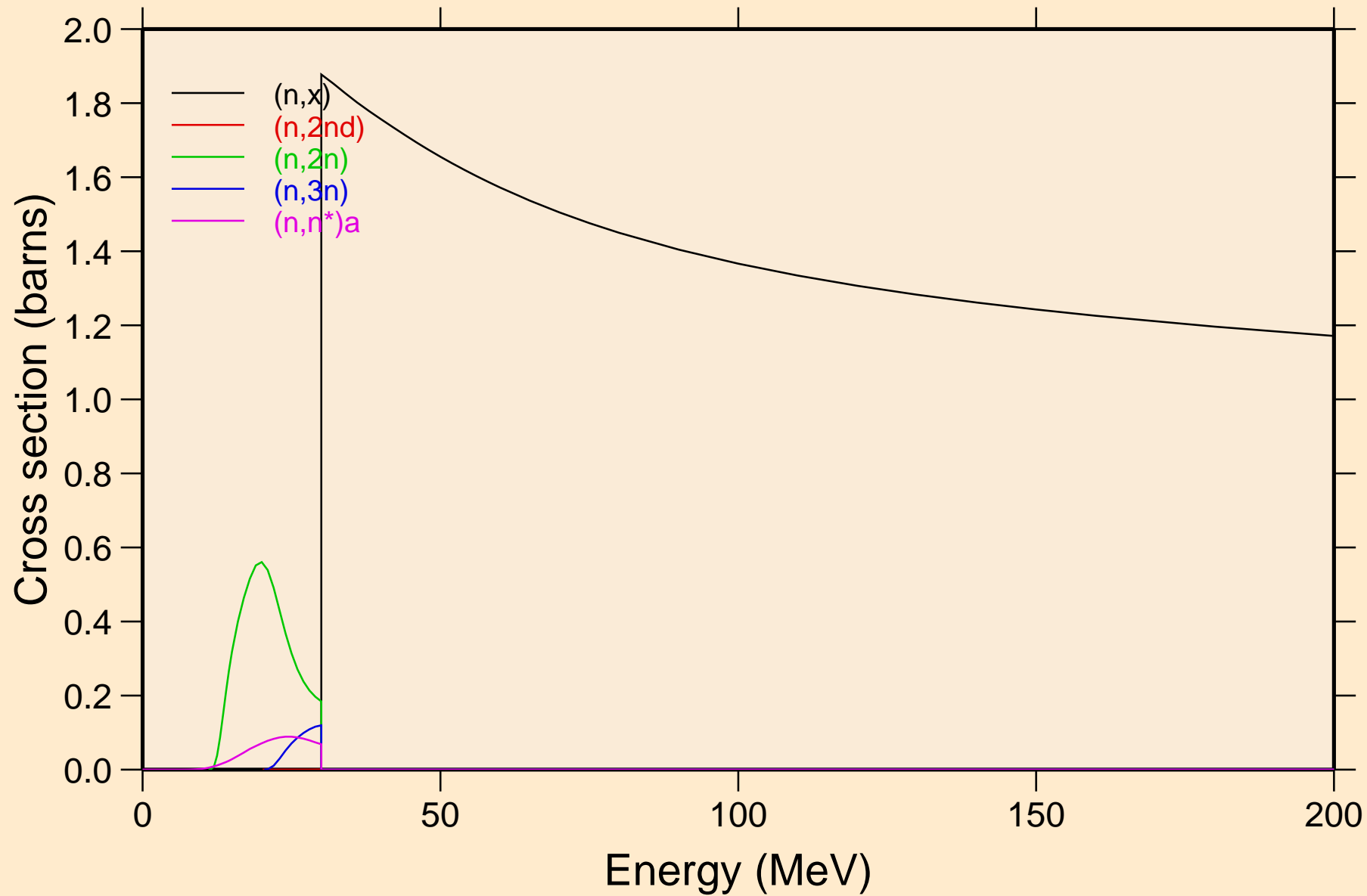
## Inelastic levels





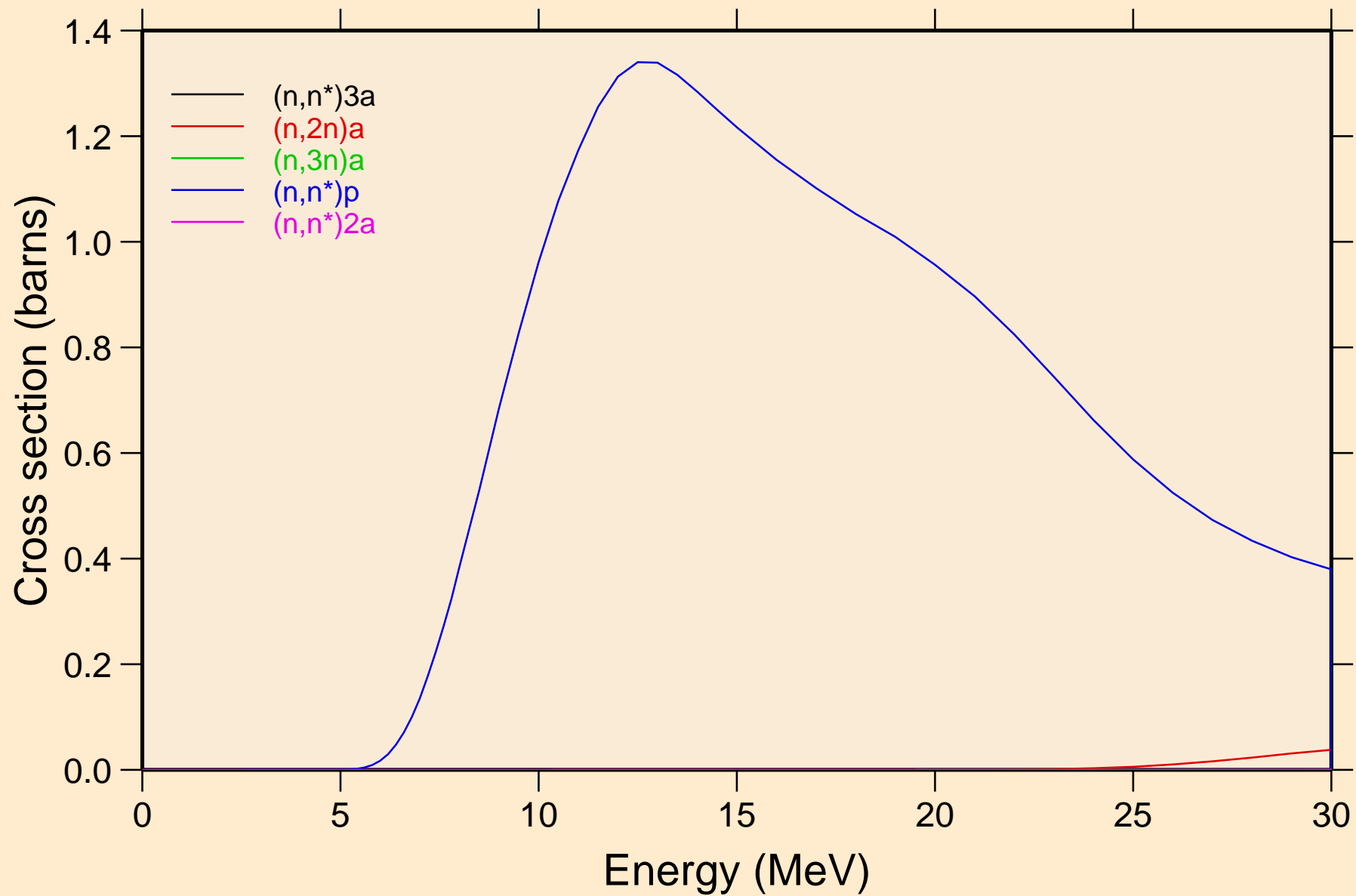
# LA127M NRG TENDL-2015, AKONING

## Threshold reactions



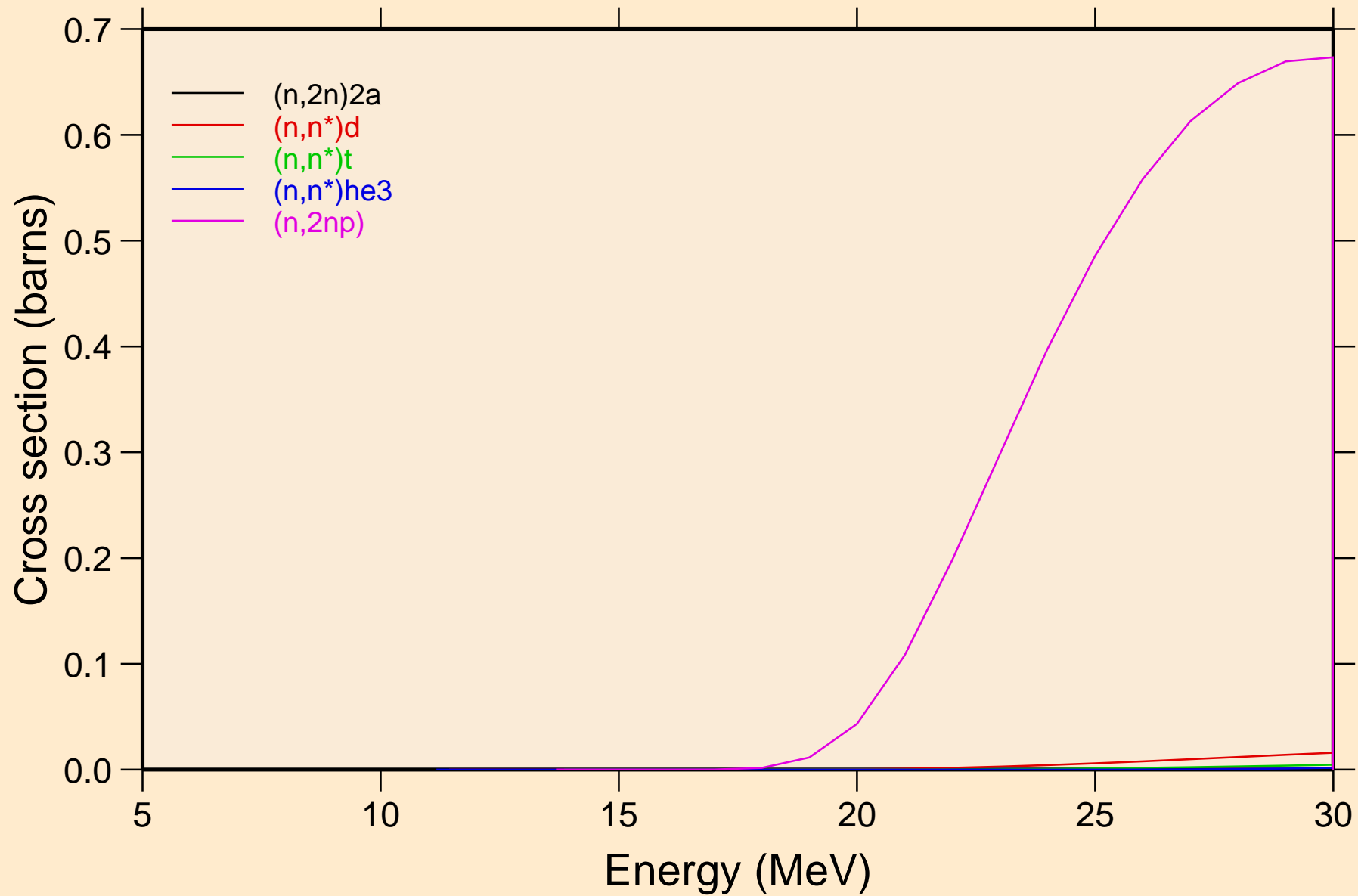
# LA127M NRG TENDL-2015, AKONING

## Threshold reactions



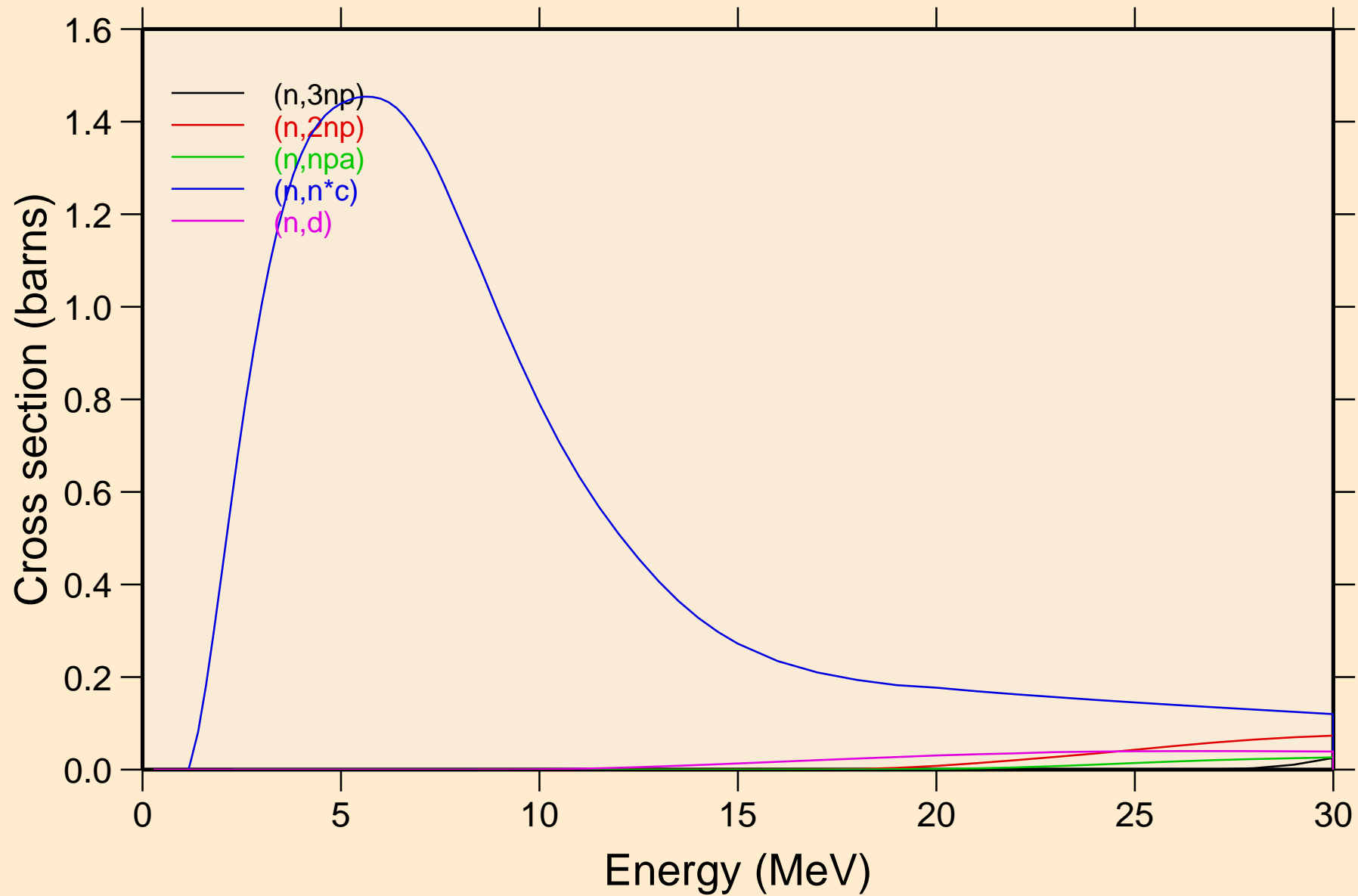
# LA127M NRG TENDL-2015, AKONING

## Threshold reactions



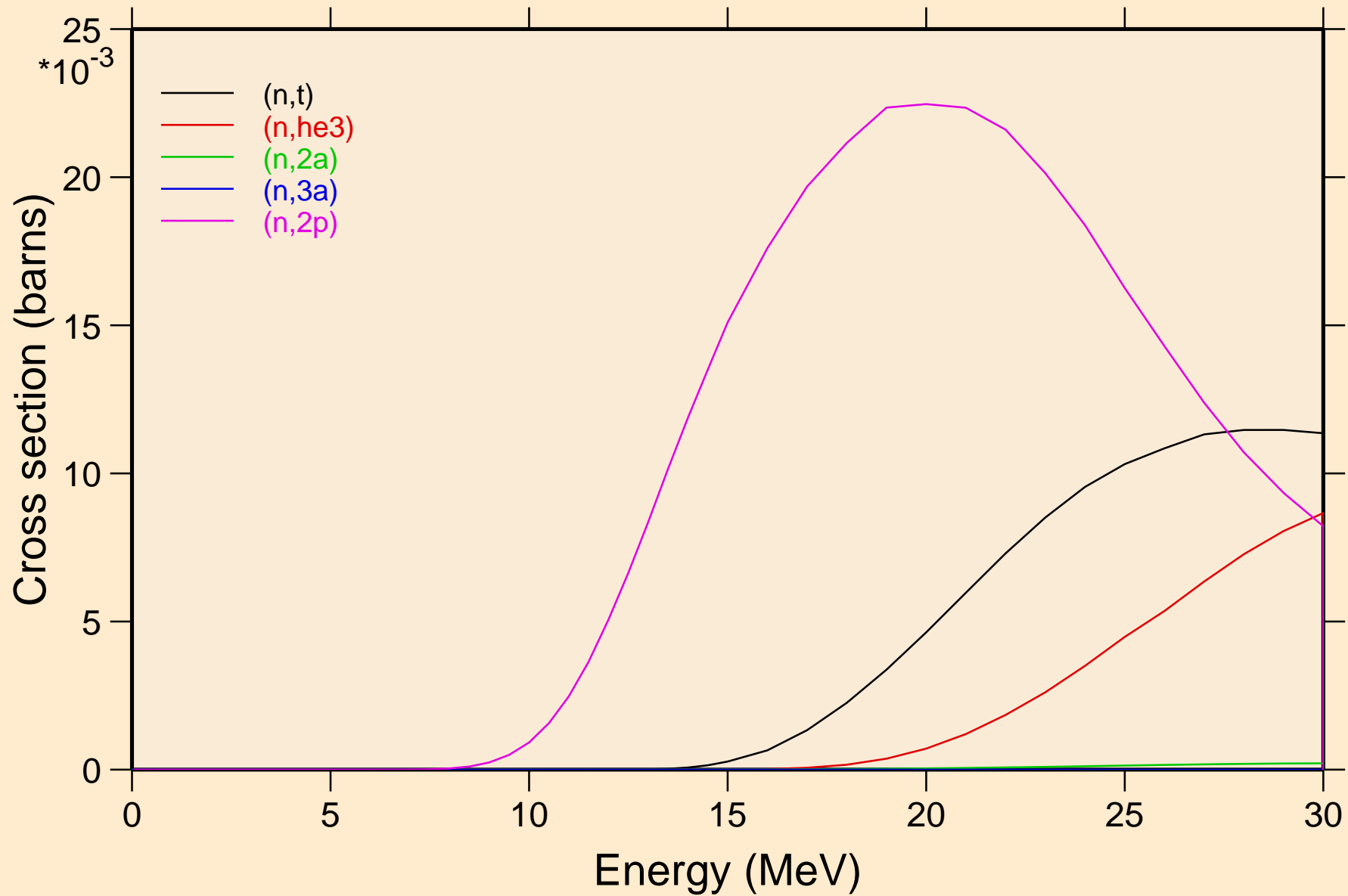
# LA127M NRG TENDL-2015, AKONING

## Threshold reactions



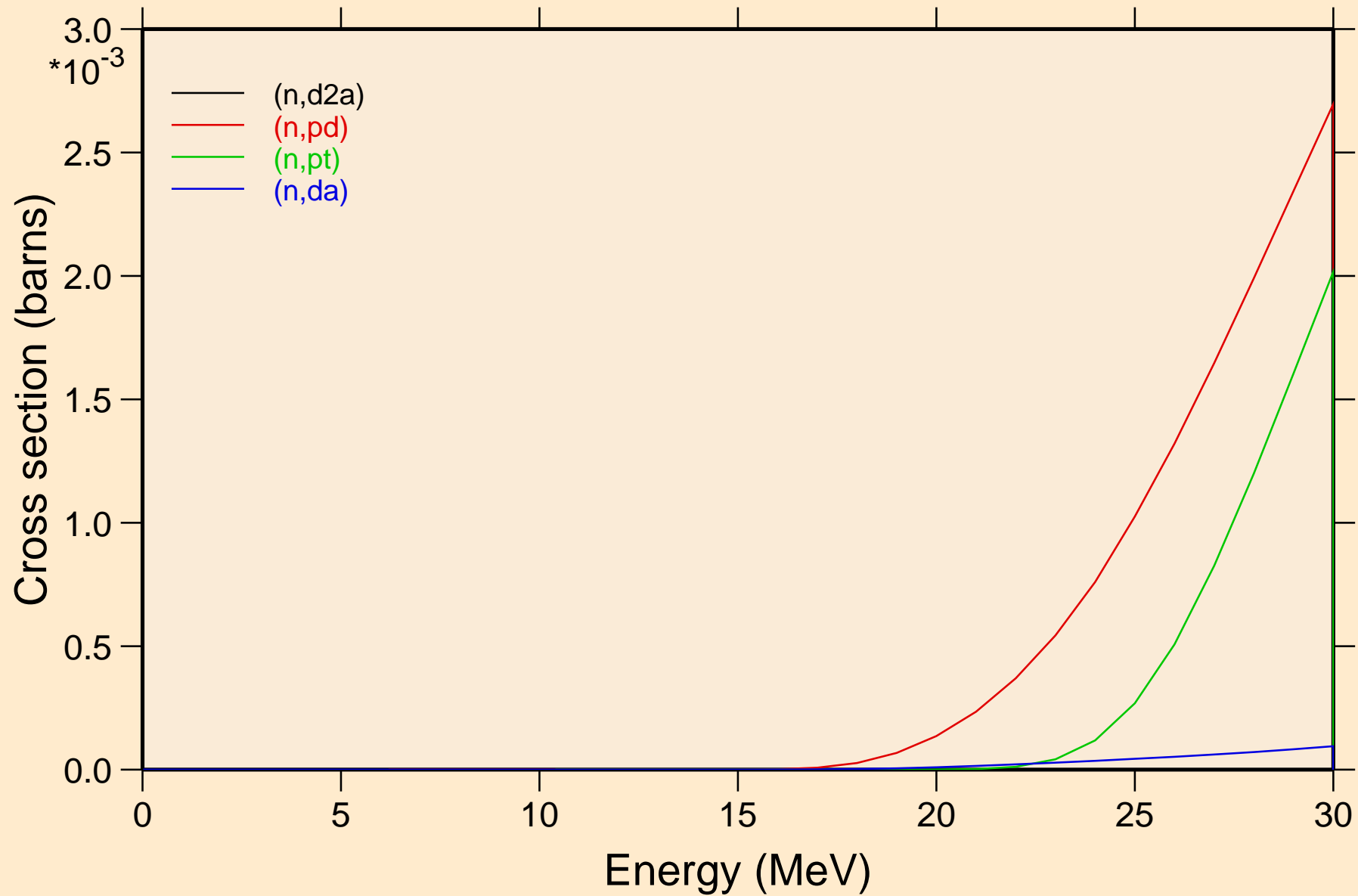
# LA127M NRG TENDL-2015, AKONING

## Threshold reactions

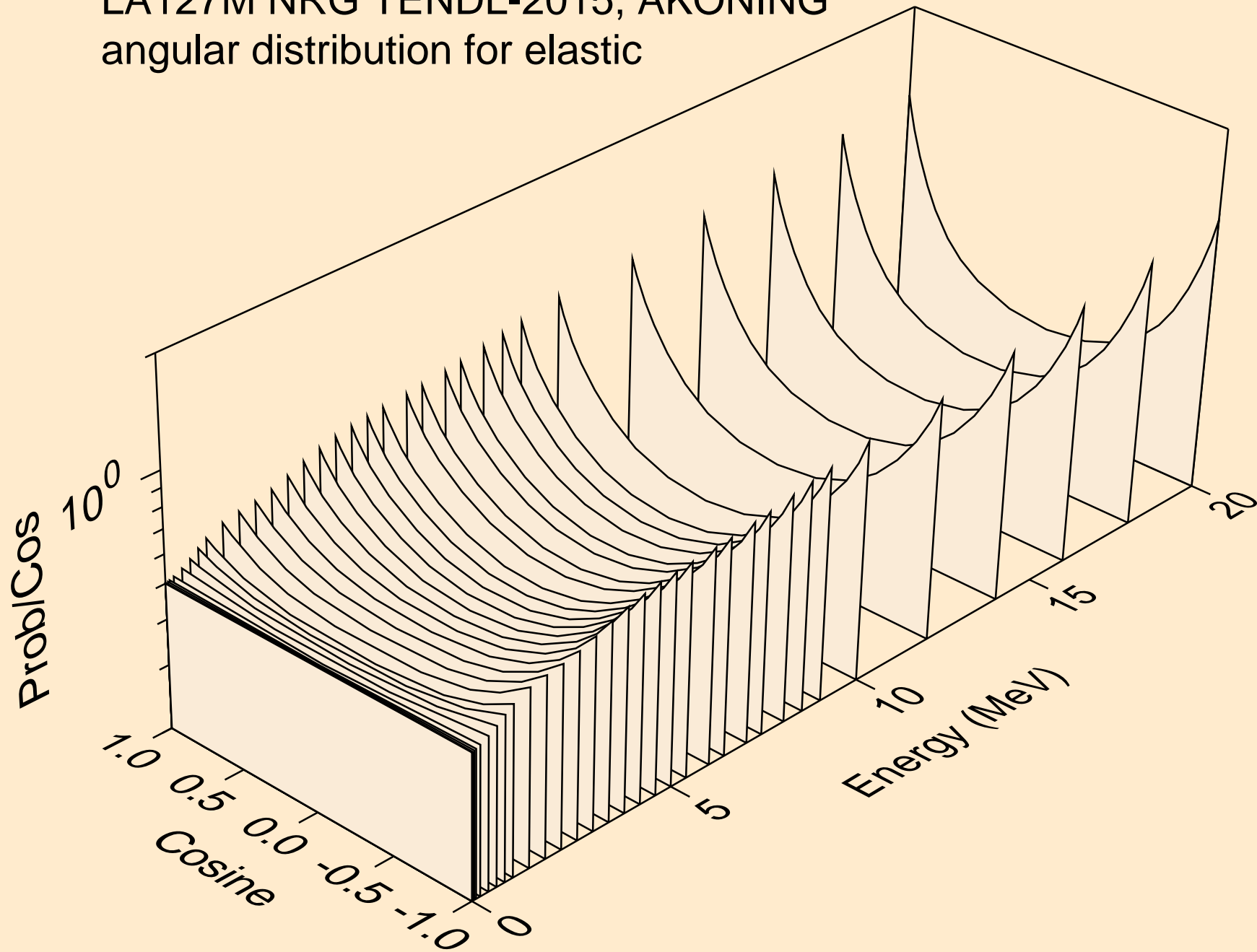


# LA127M NRG TENDL-2015, AKONING

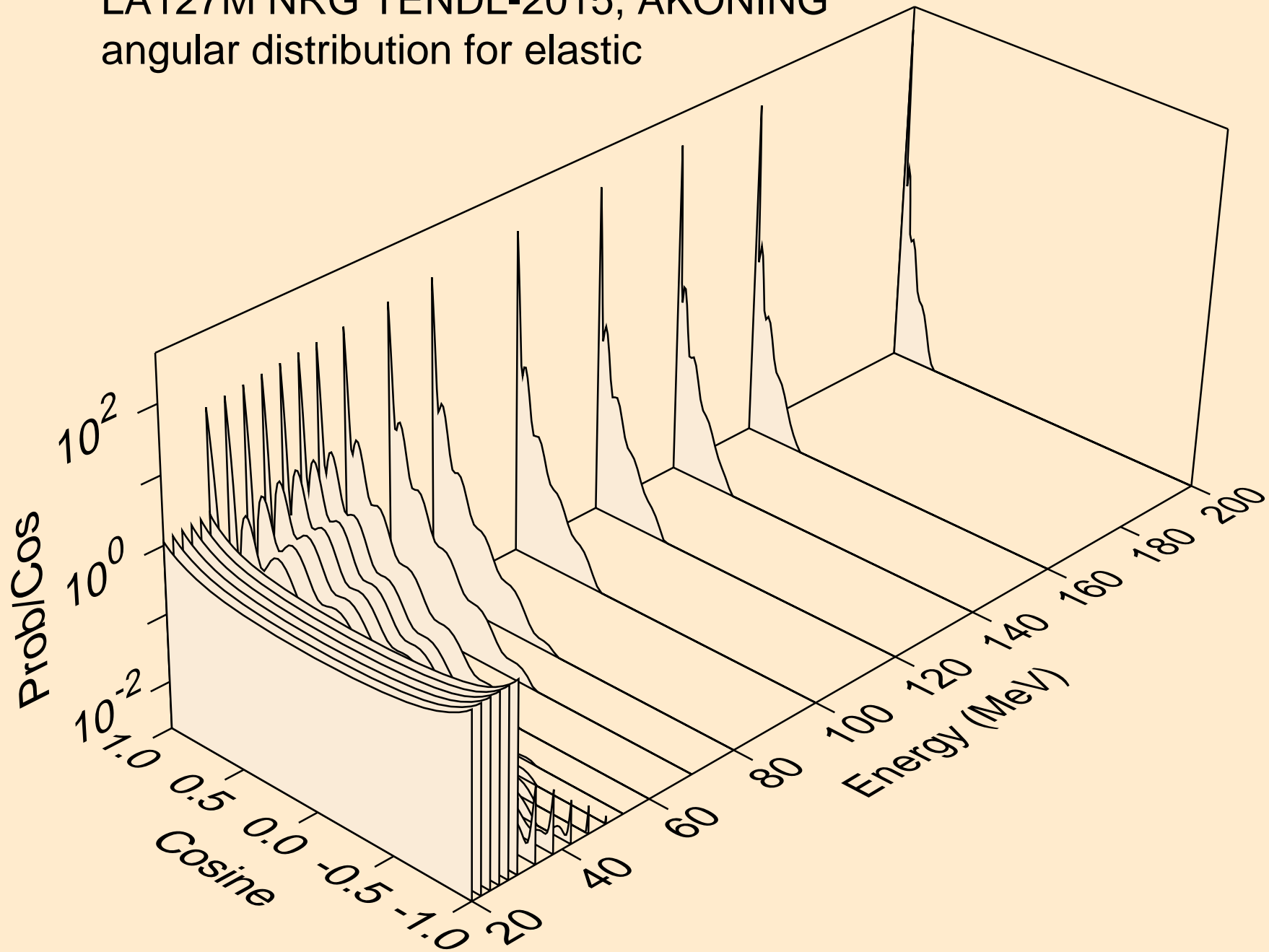
## Threshold reactions



LA127M NRG TENDL-2015, AKONING  
angular distribution for elastic

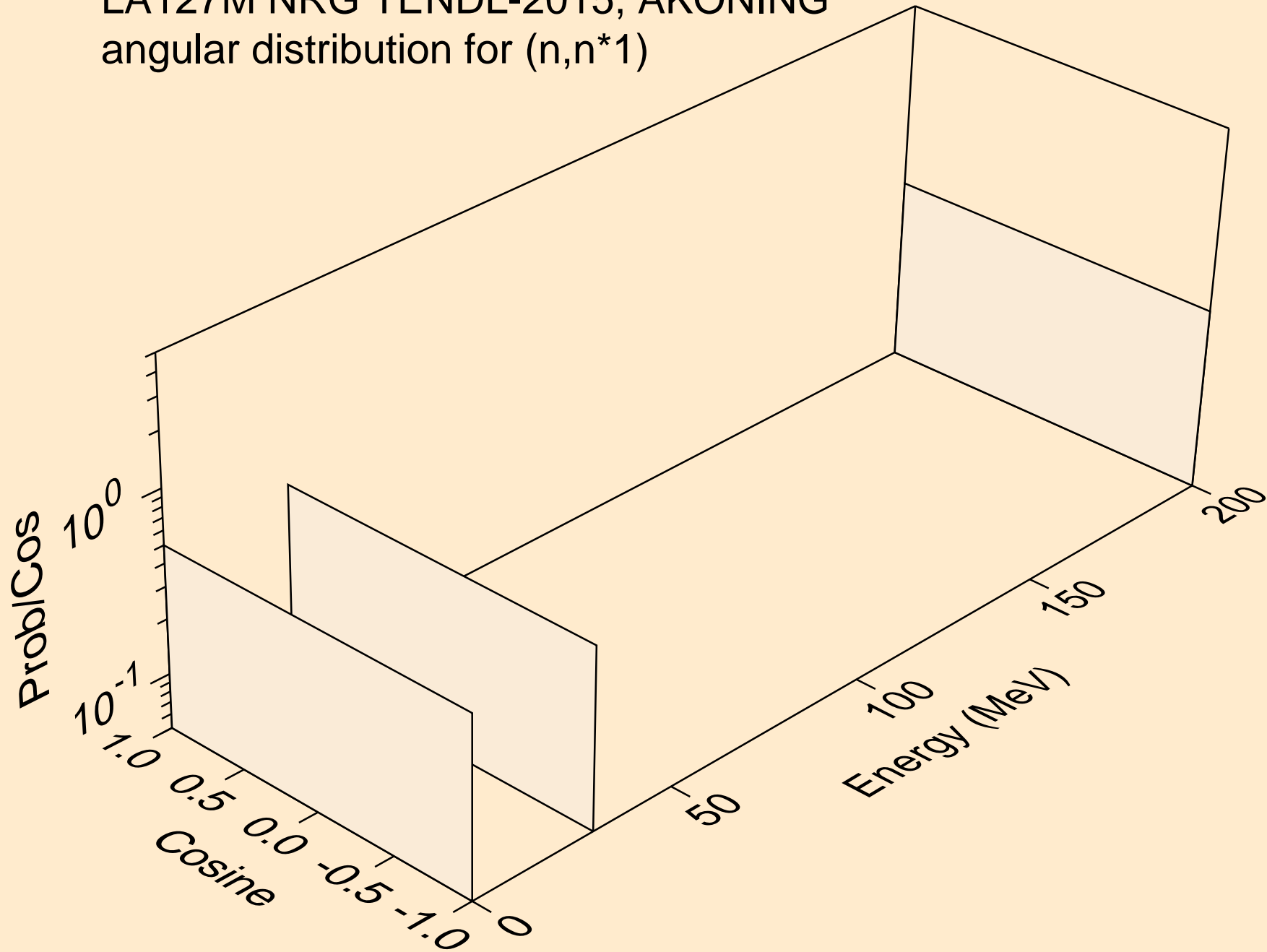


LA127M NRG TENDL-2015, AKONING  
angular distribution for elastic

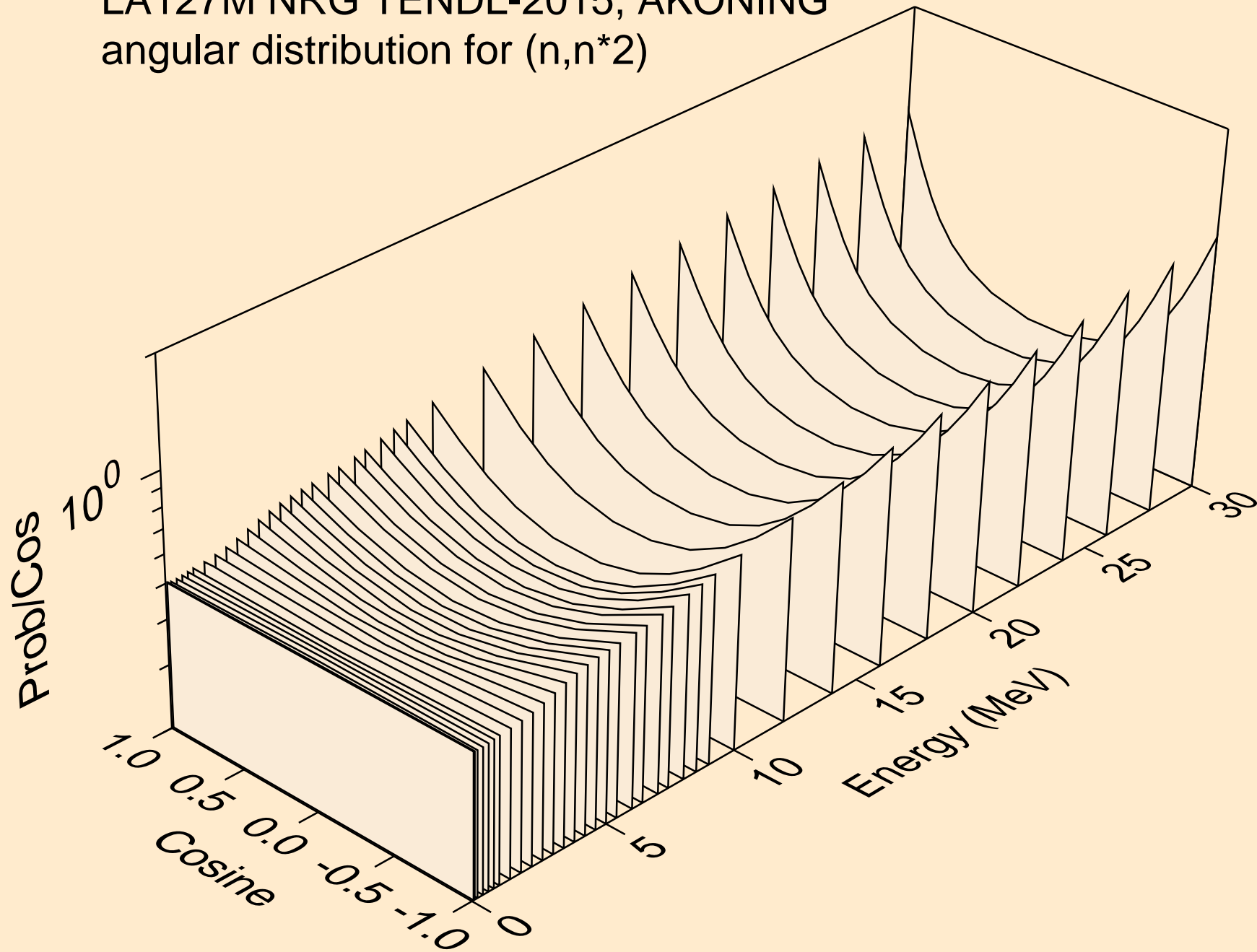




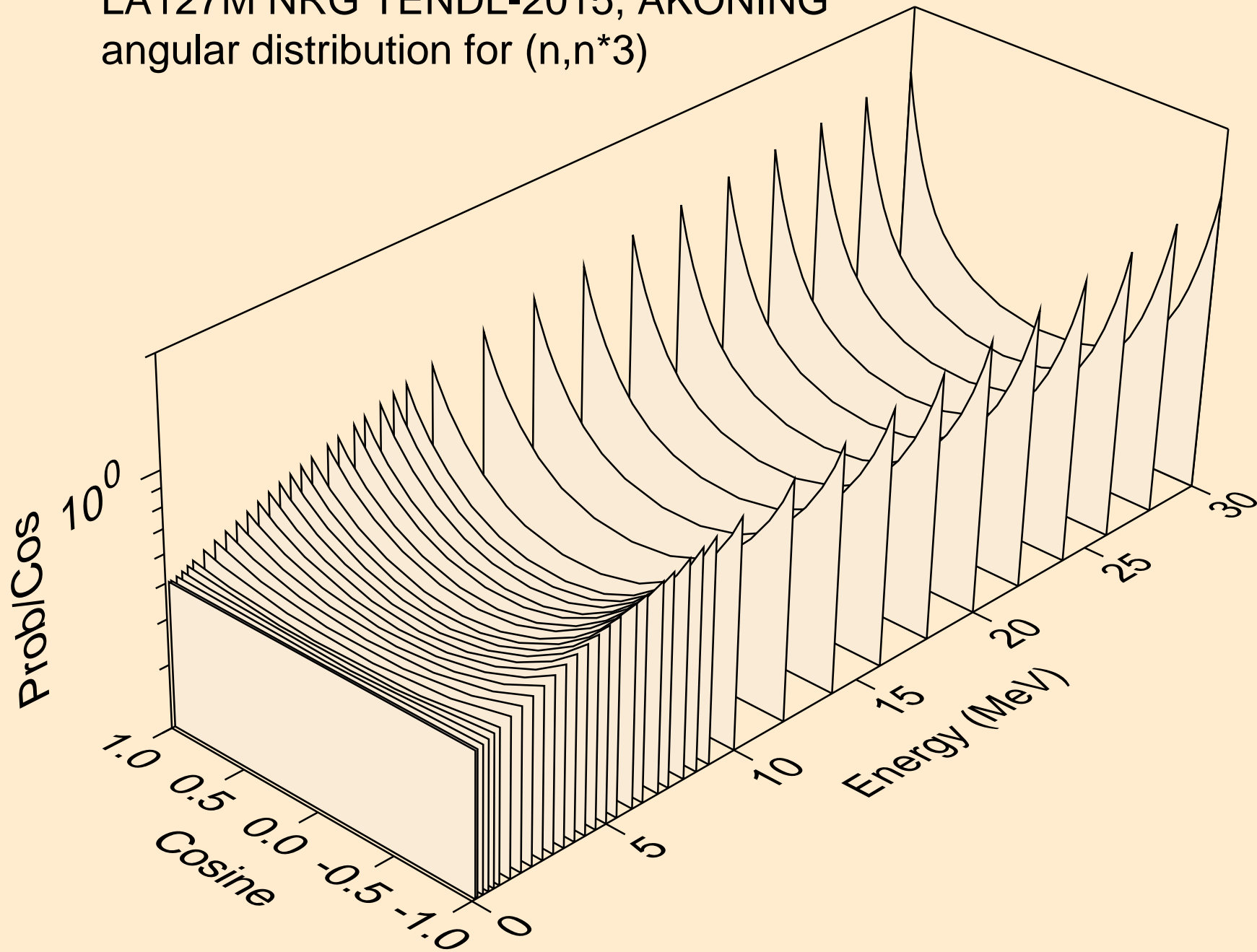
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



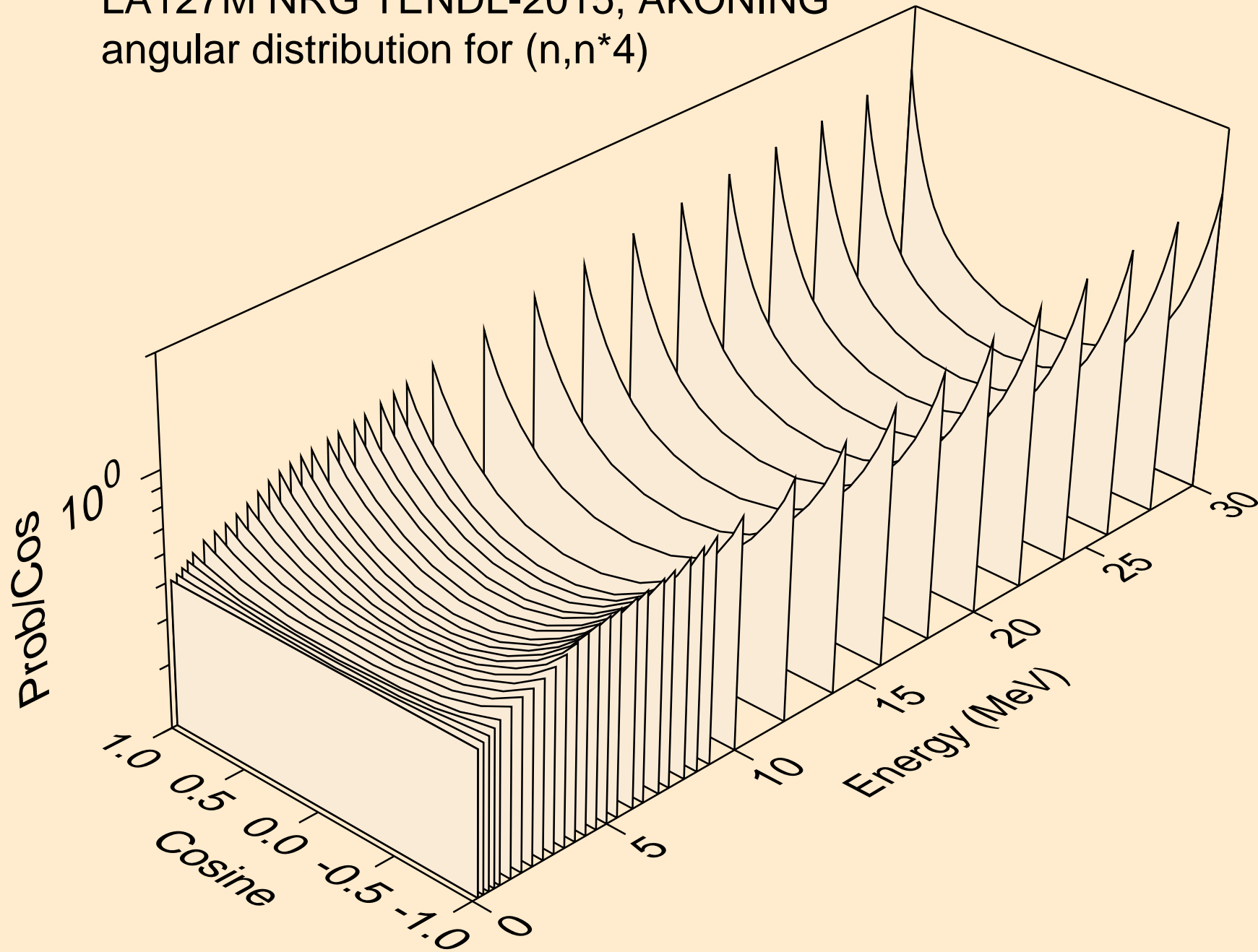
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



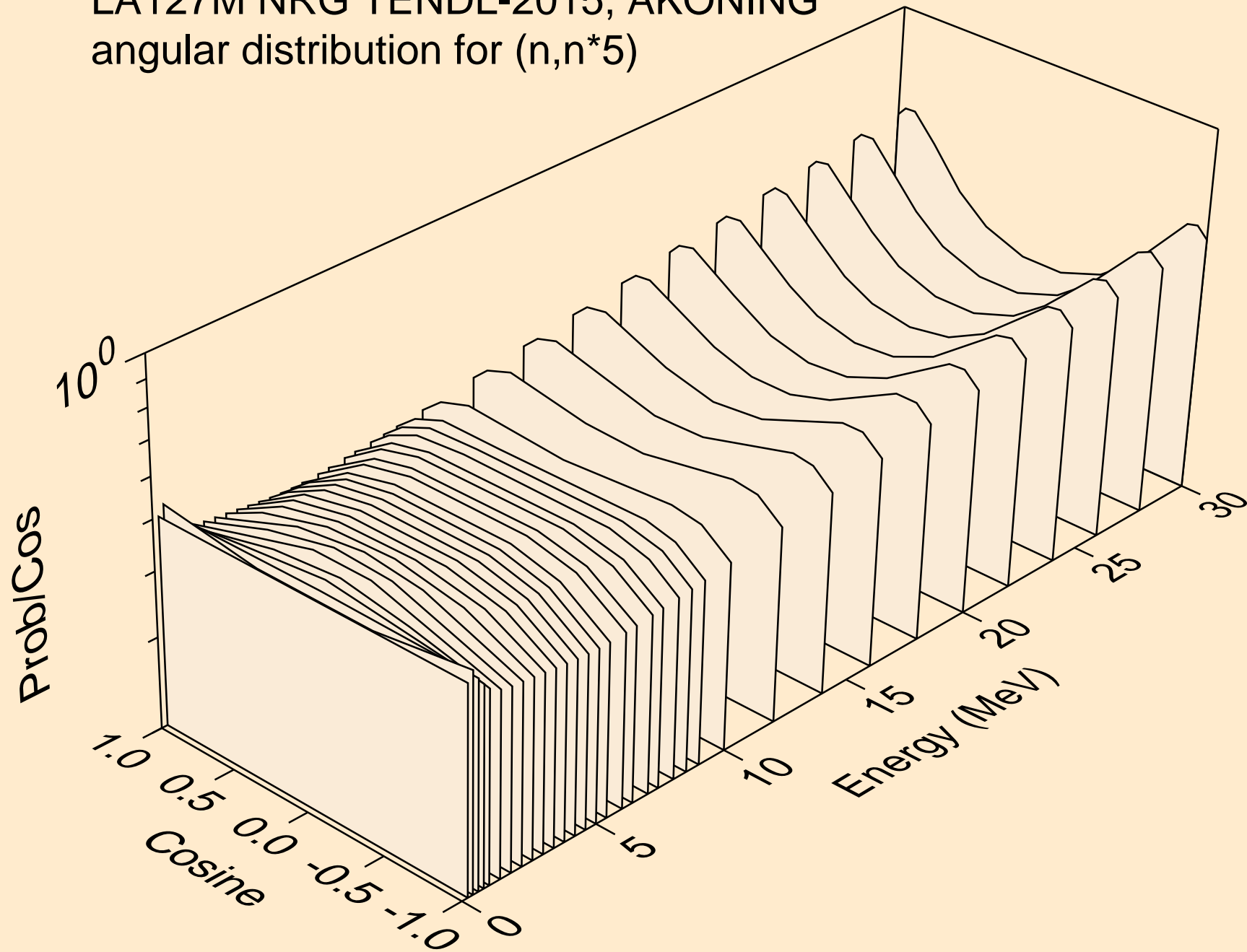
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



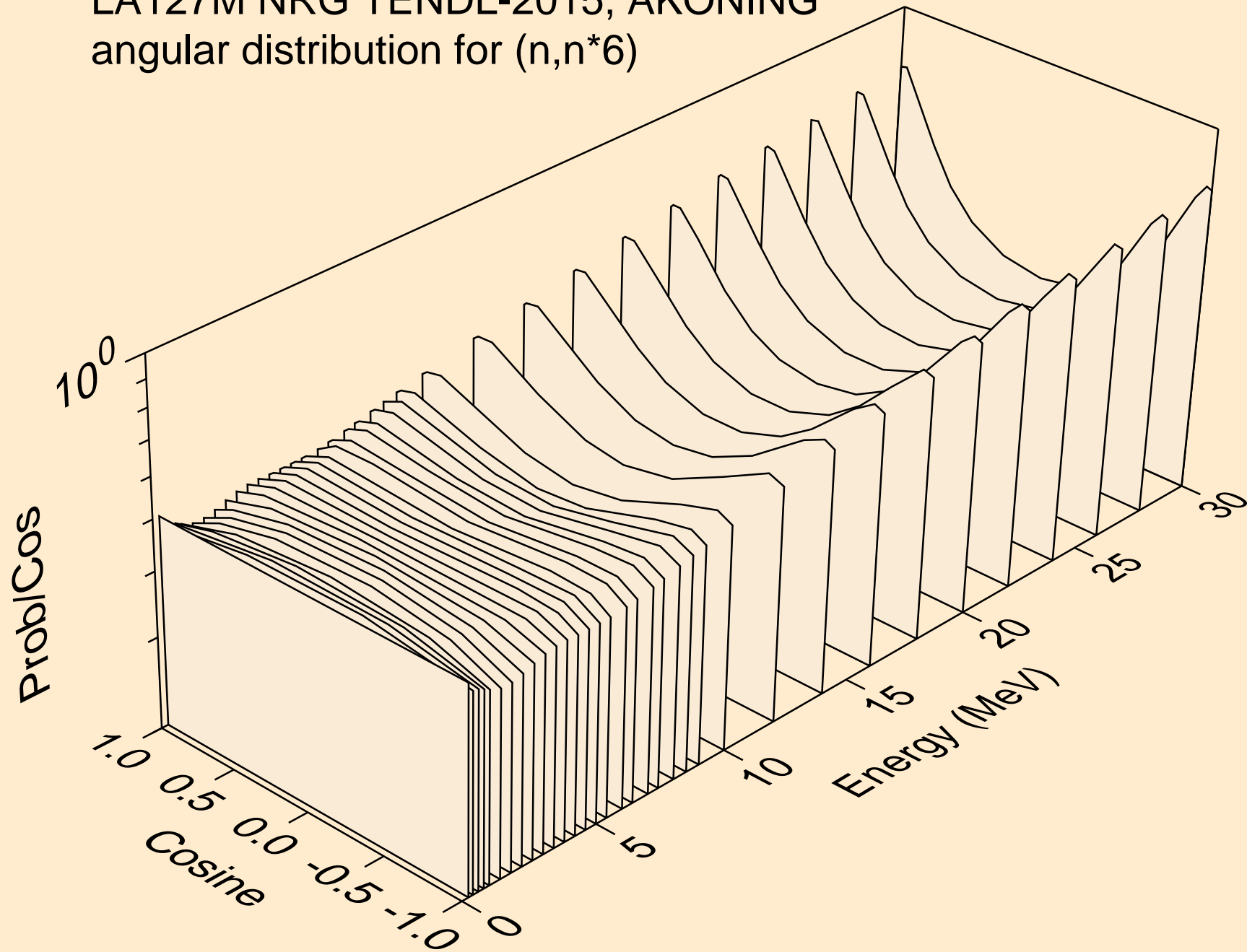
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



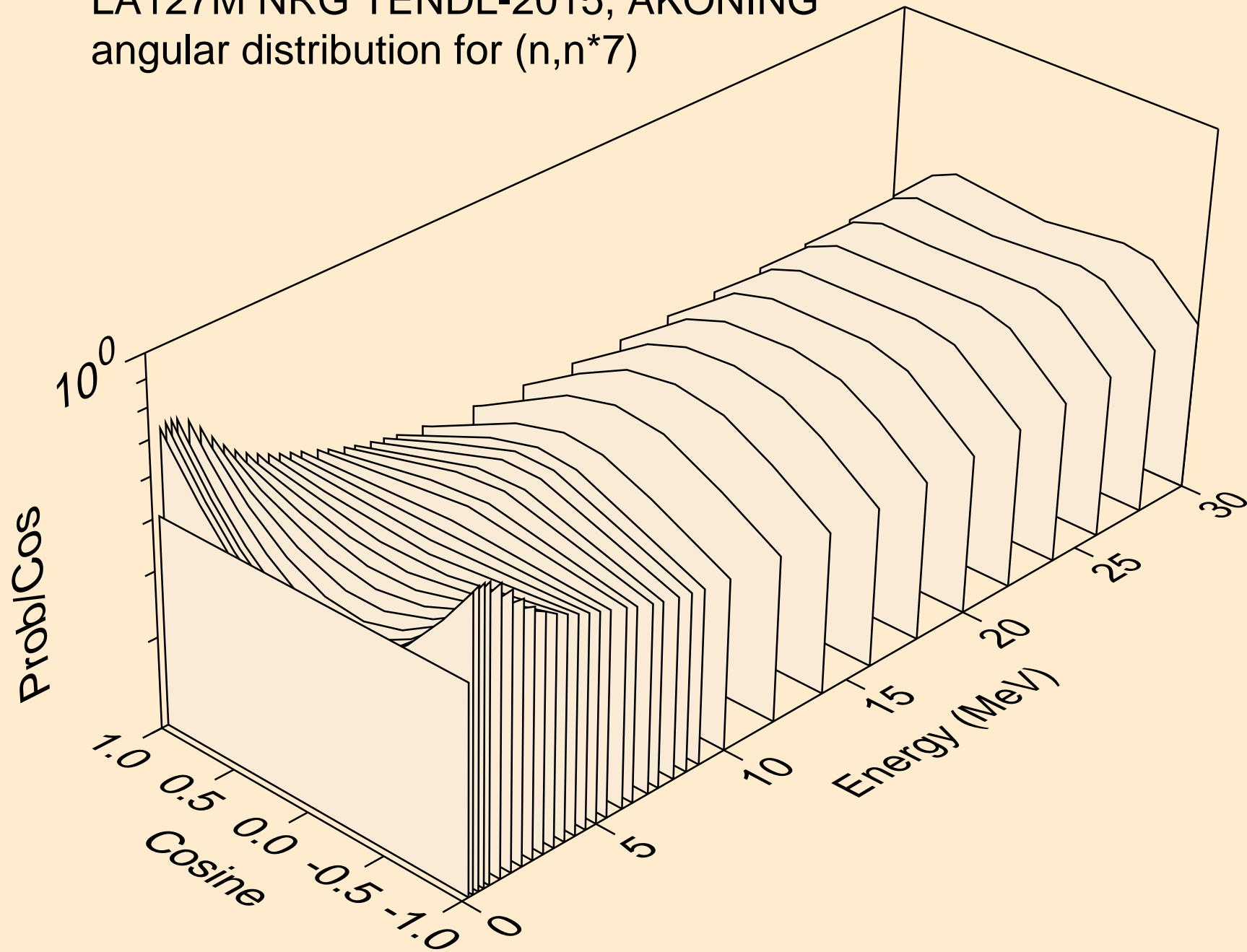
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



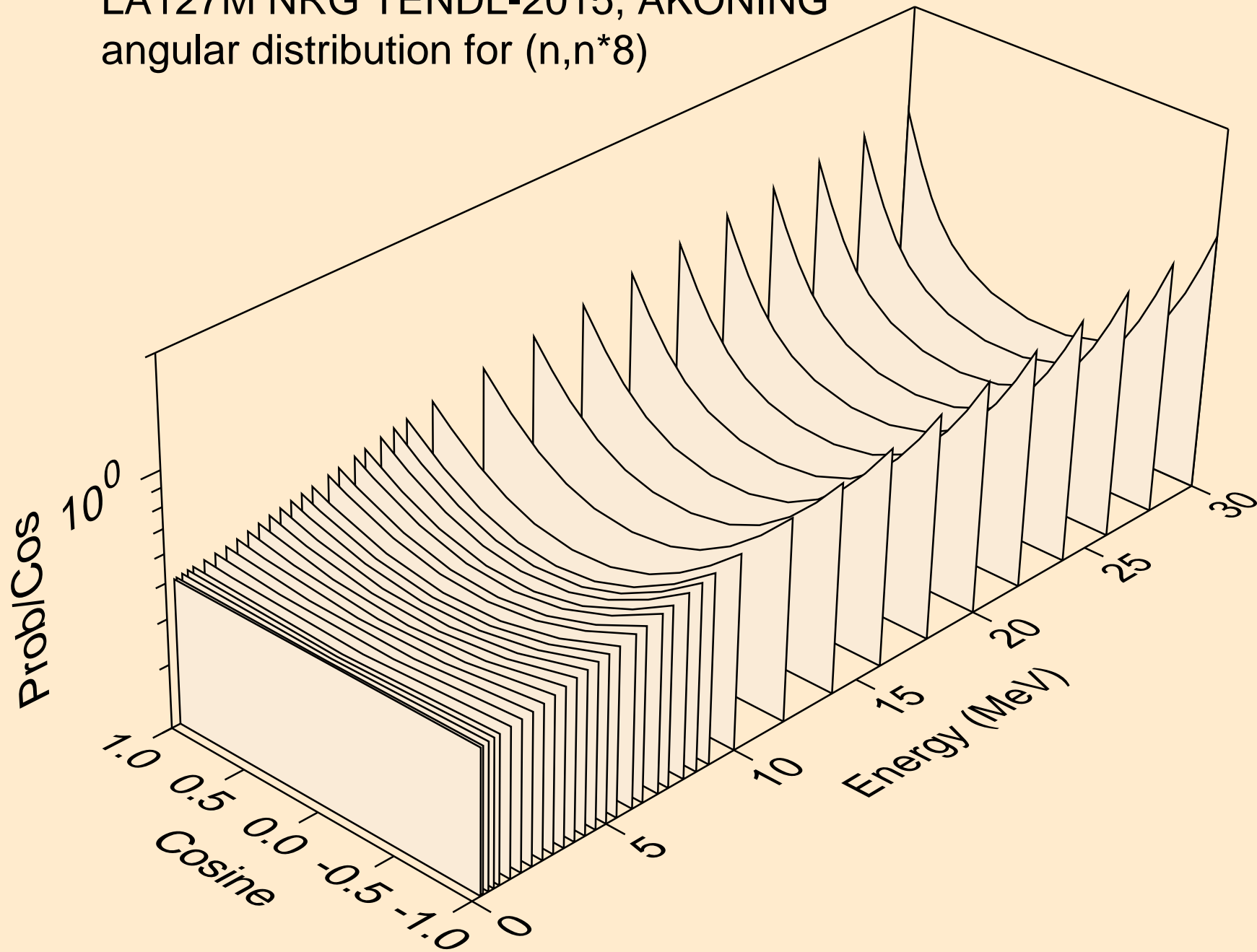
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

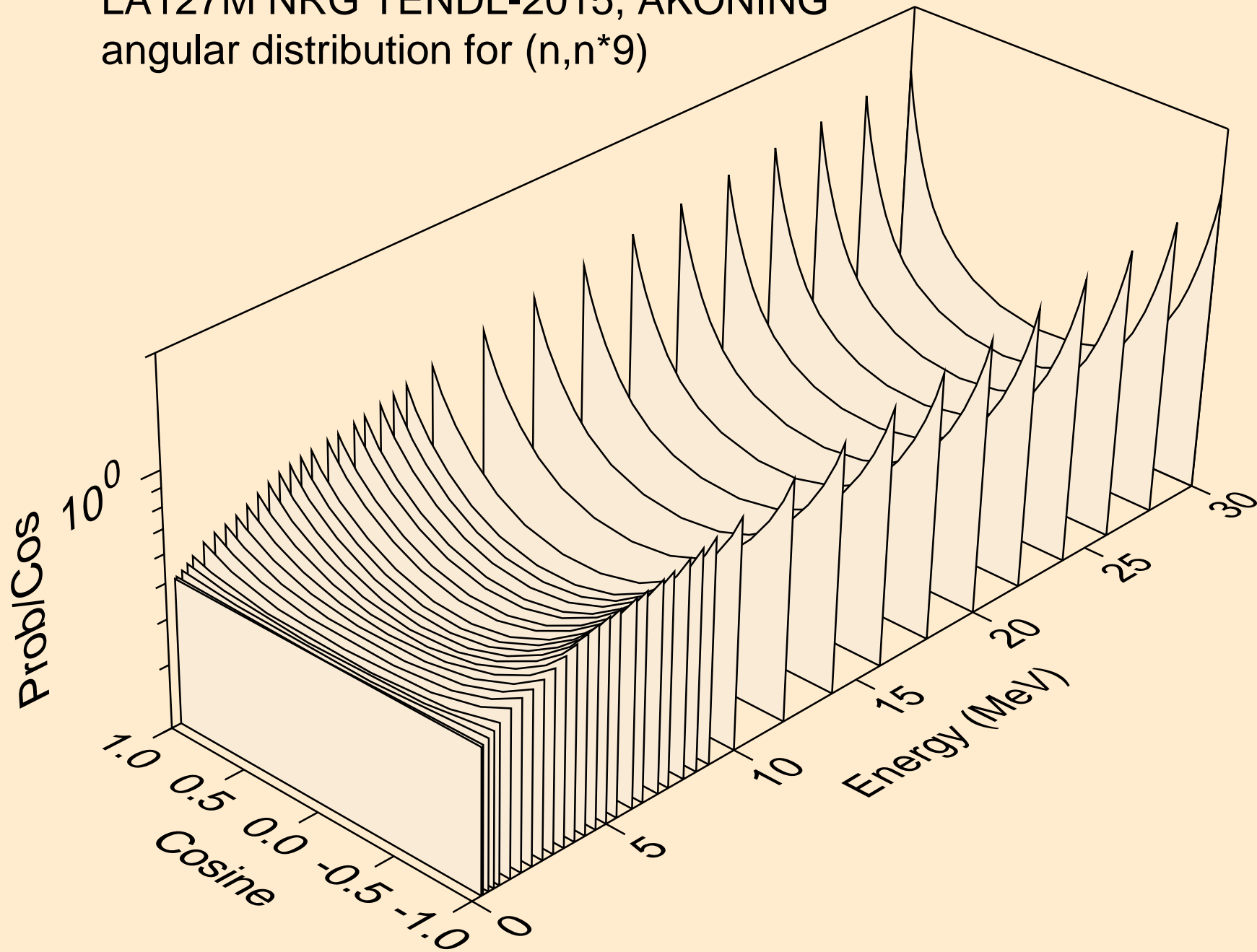


LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

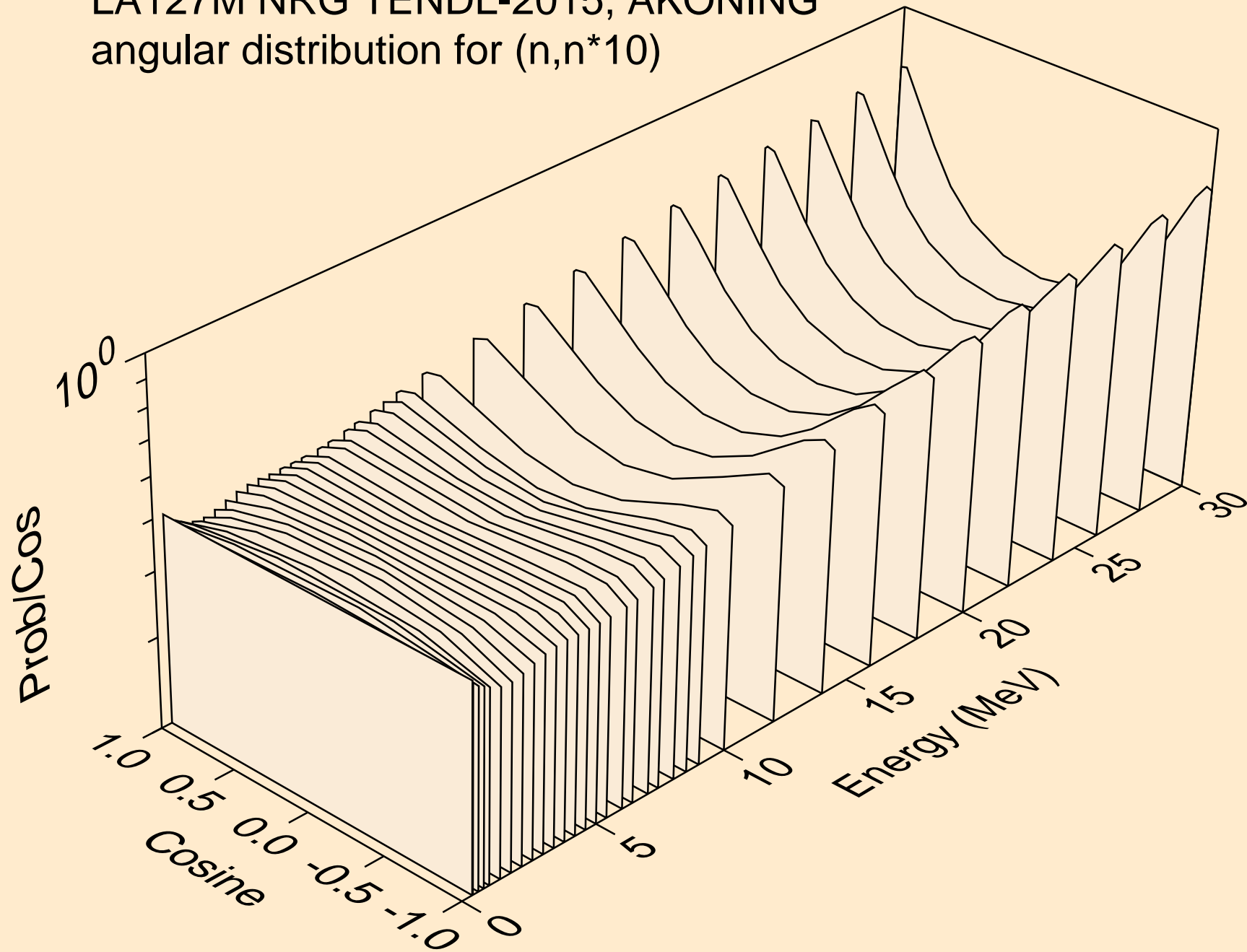




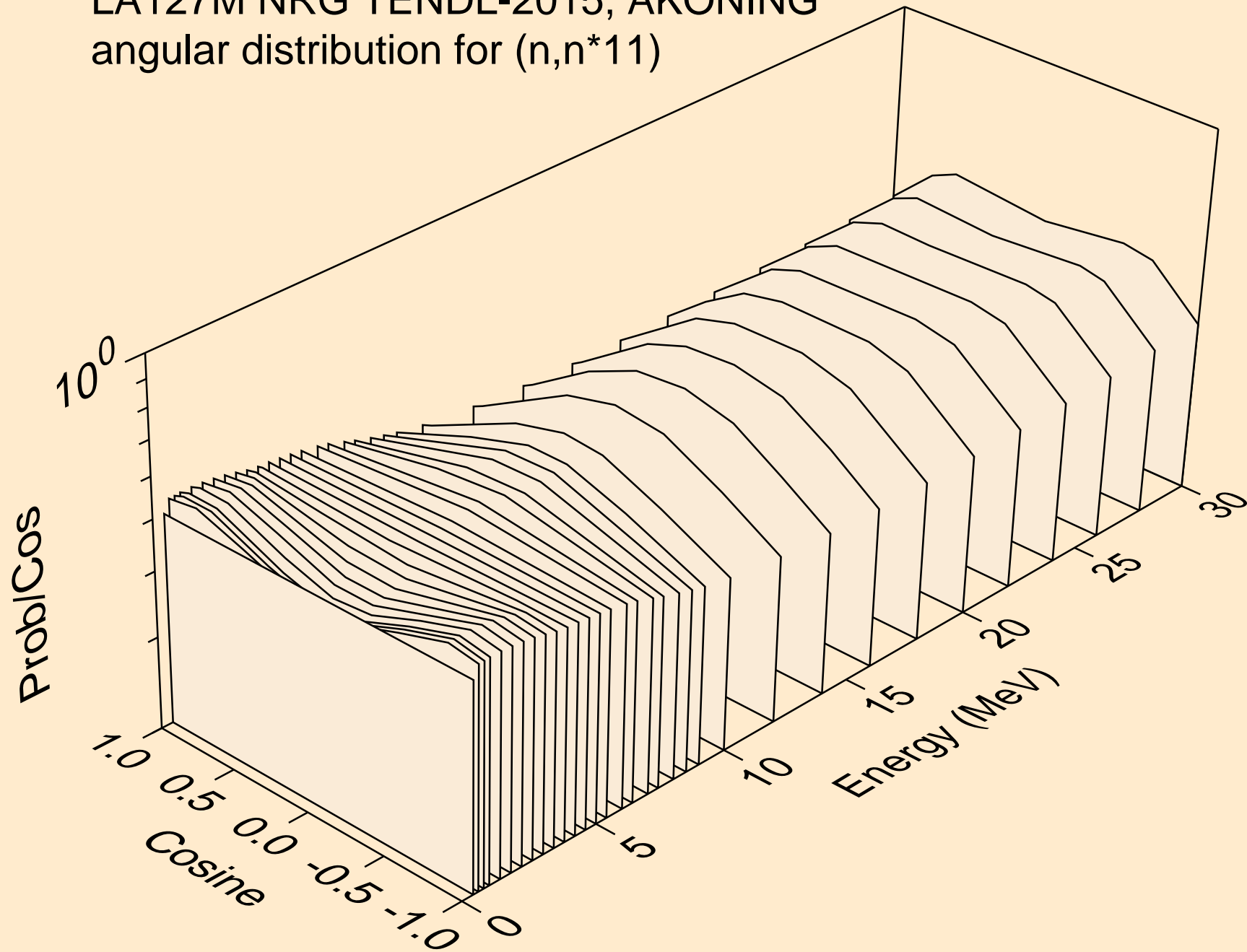
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



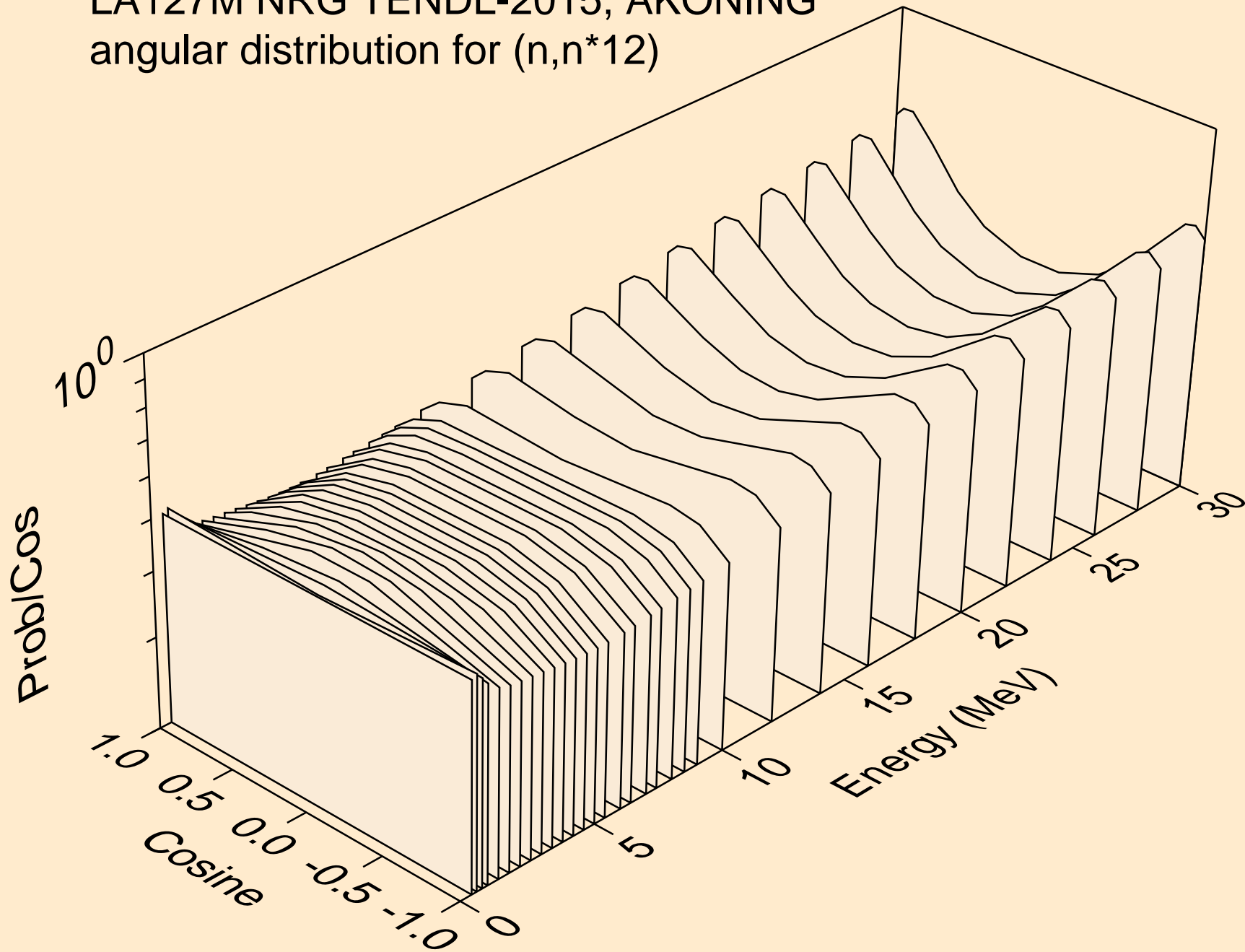
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angular distribution for (n,n\*10)



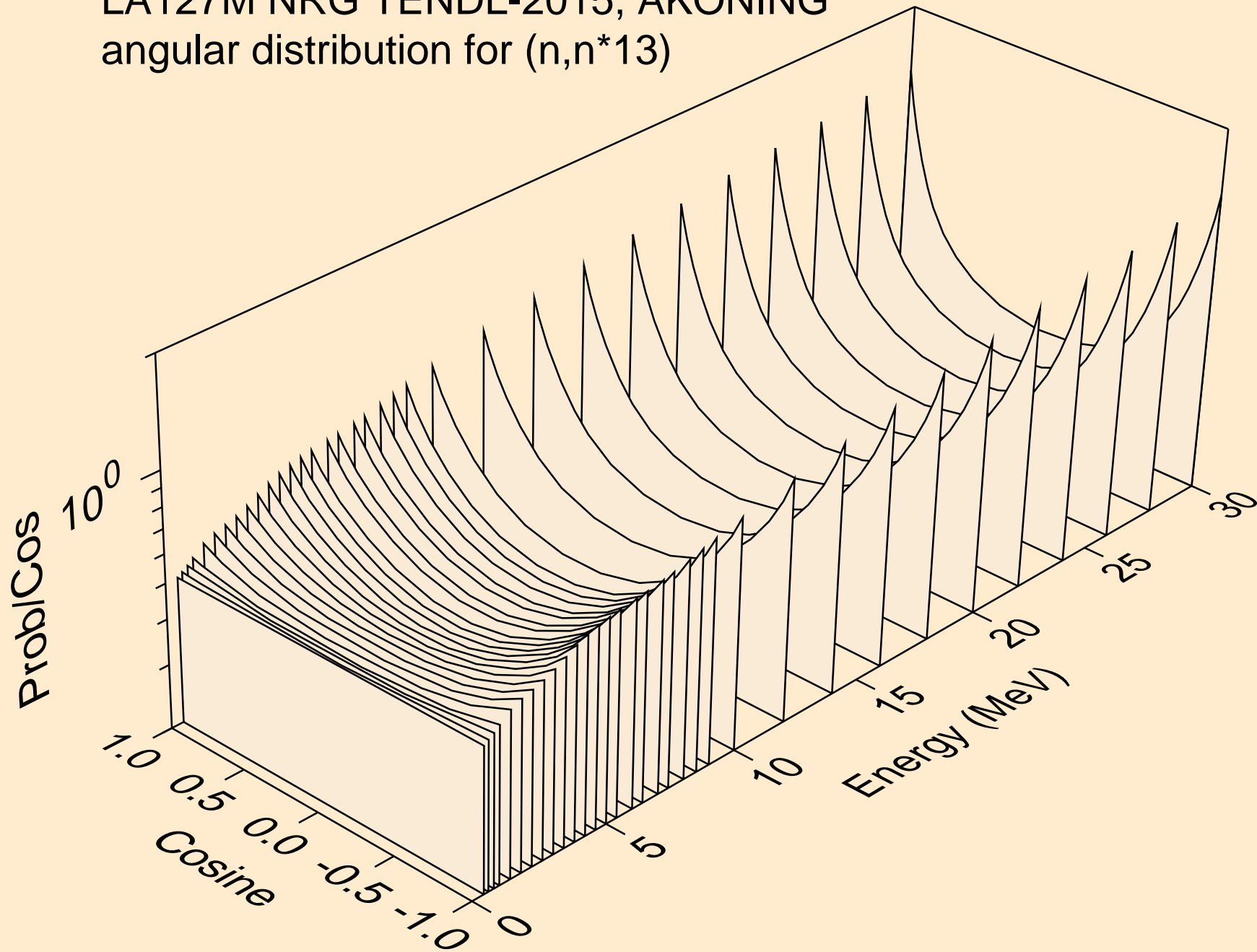
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angular distribution for (n,n\*11)



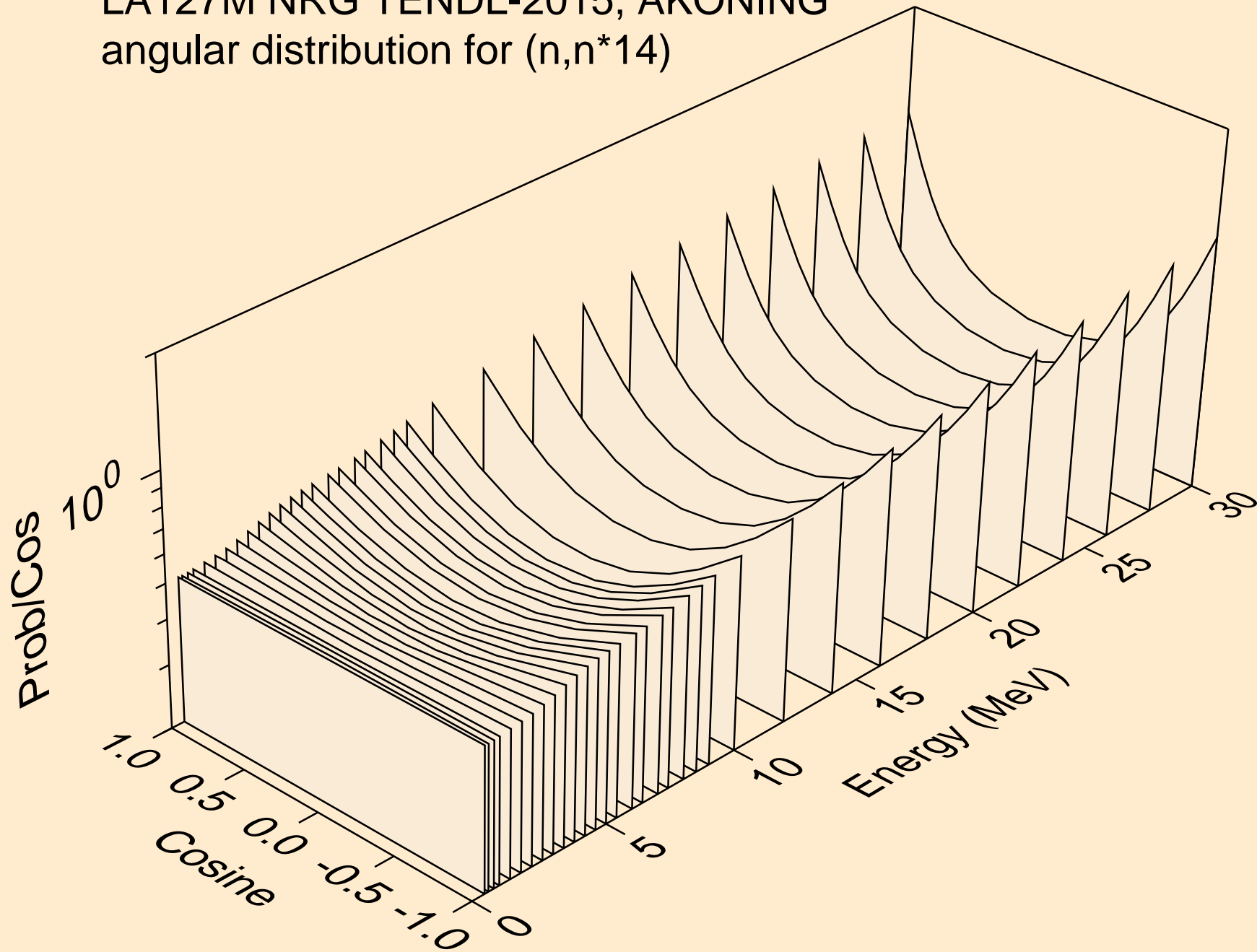
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angular distribution for (n,n\*12)



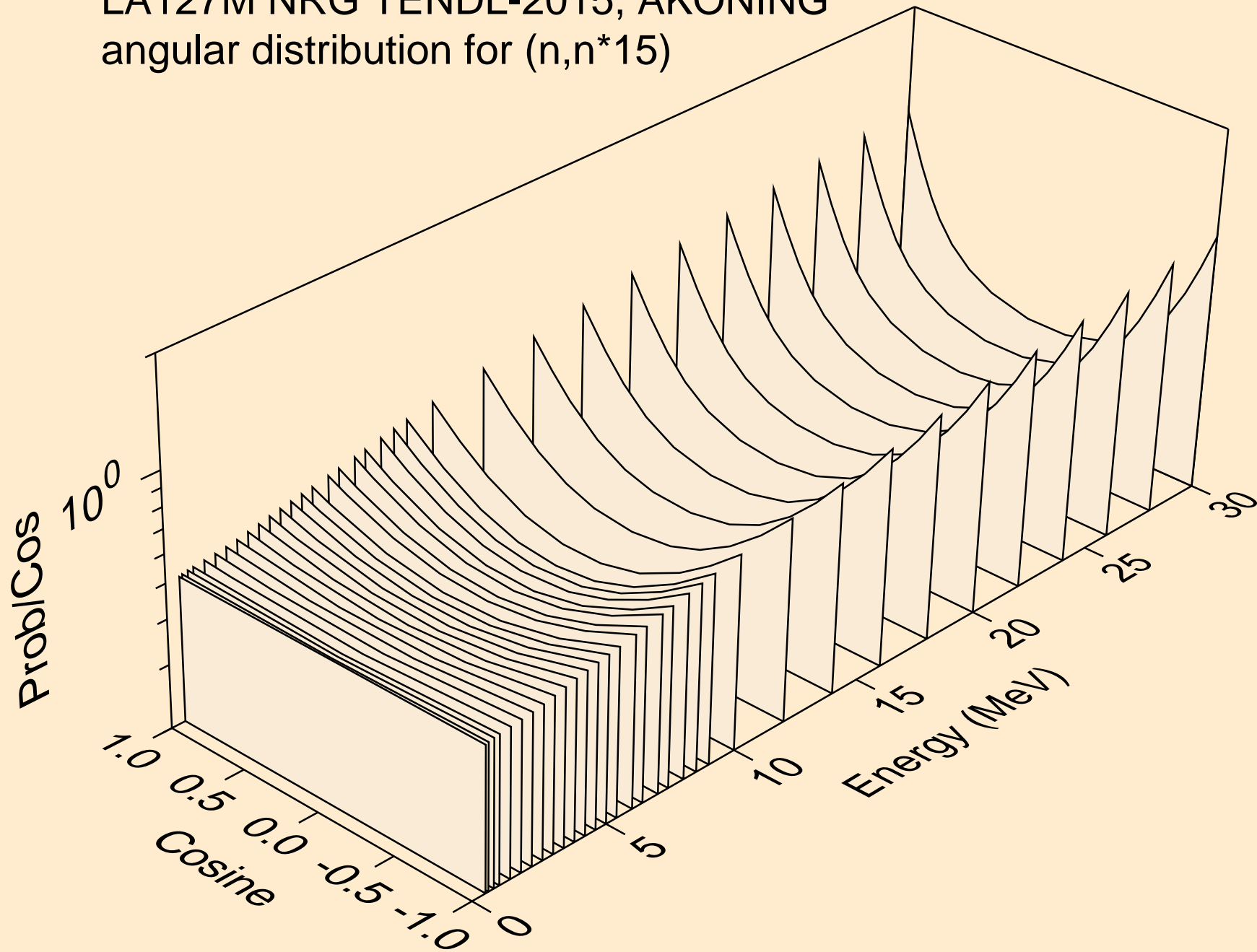
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



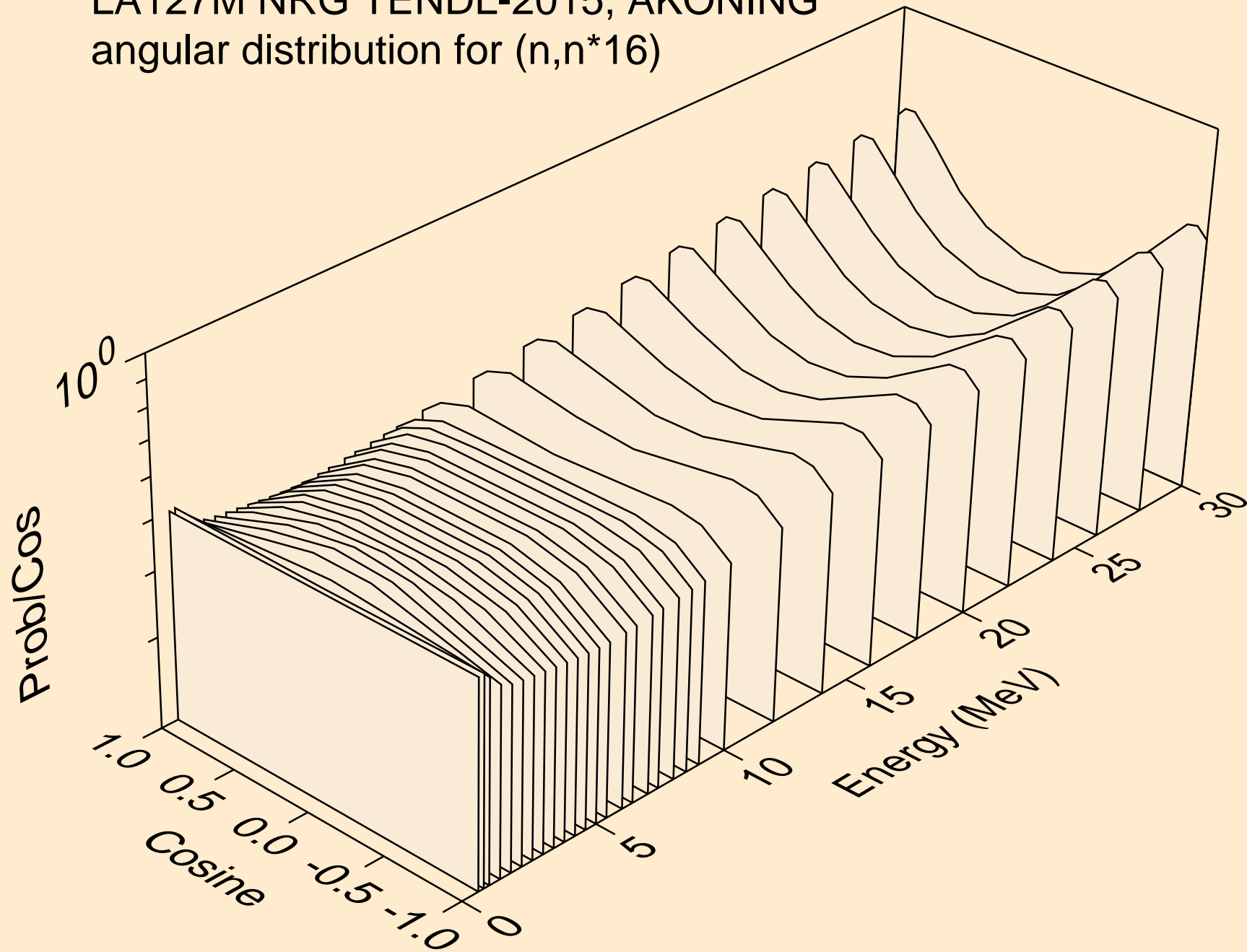
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

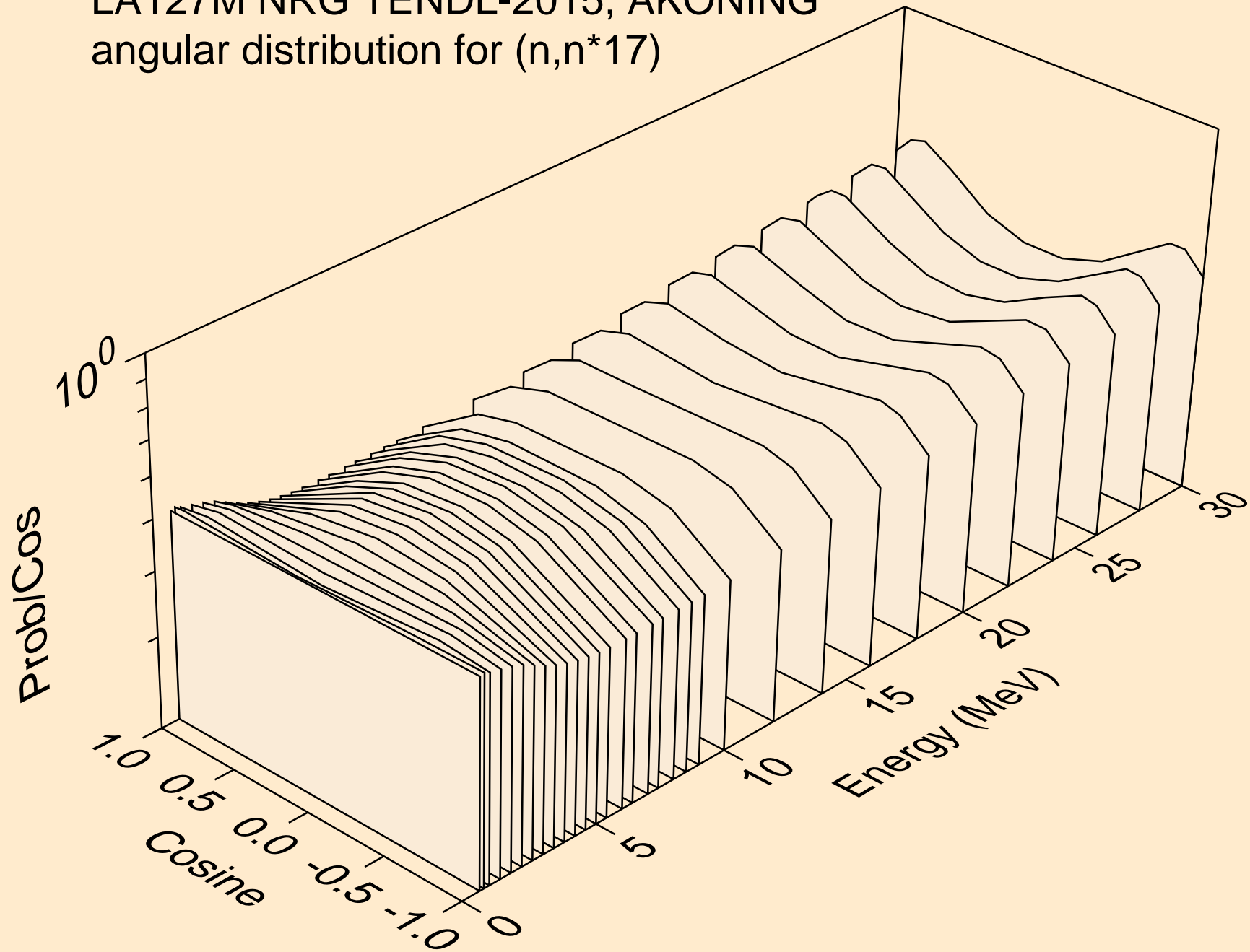


LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

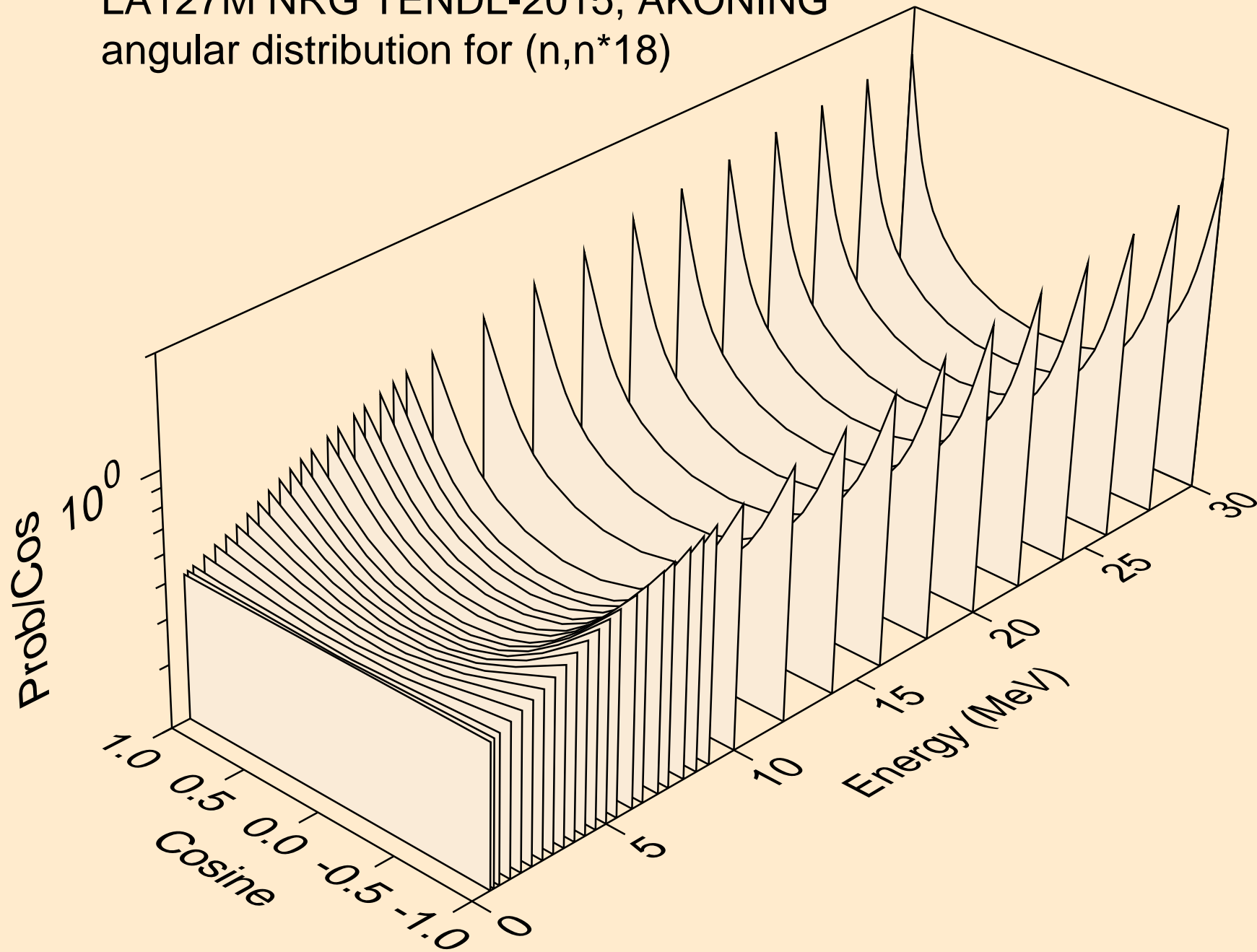




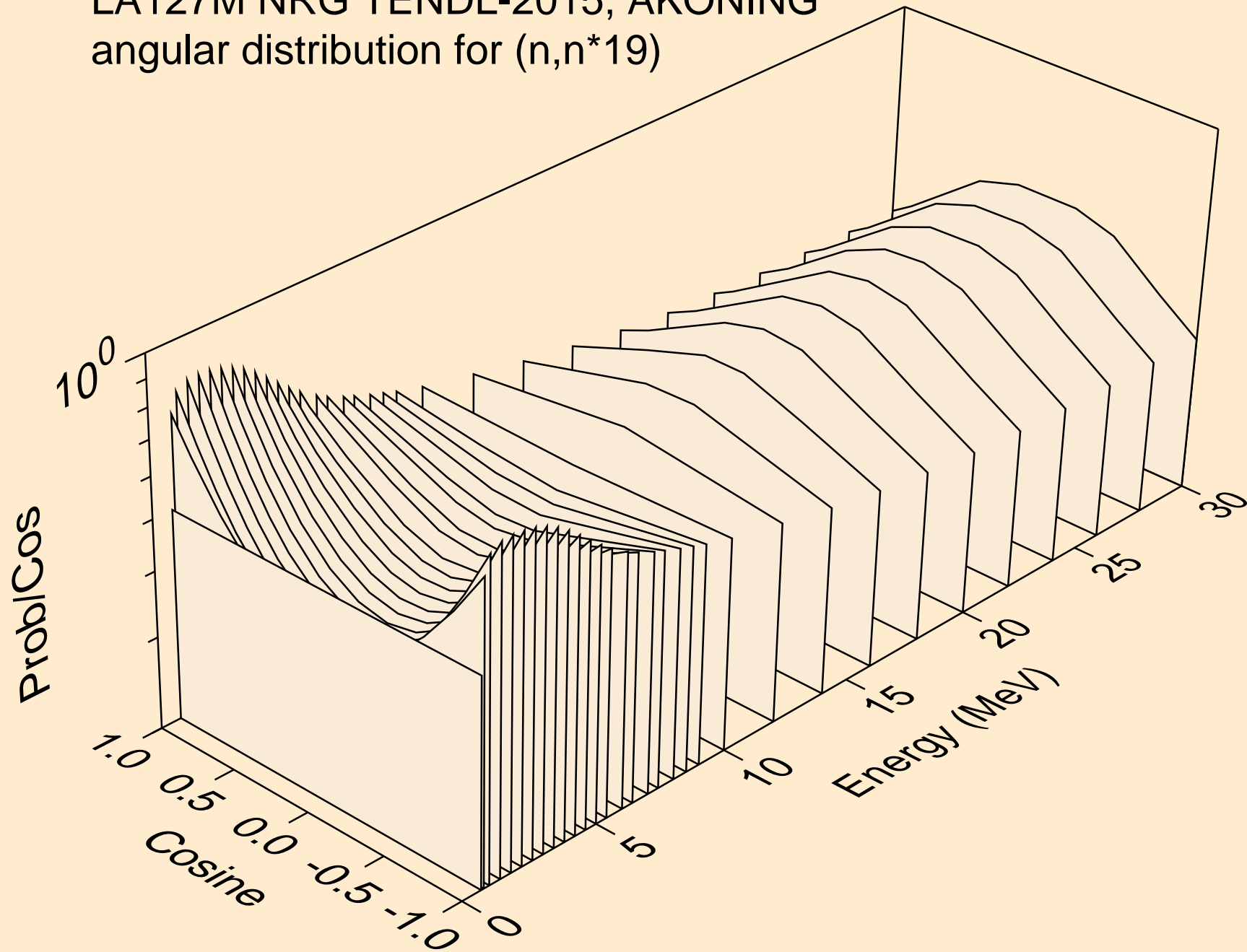
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angular distribution for (n,n\*17)



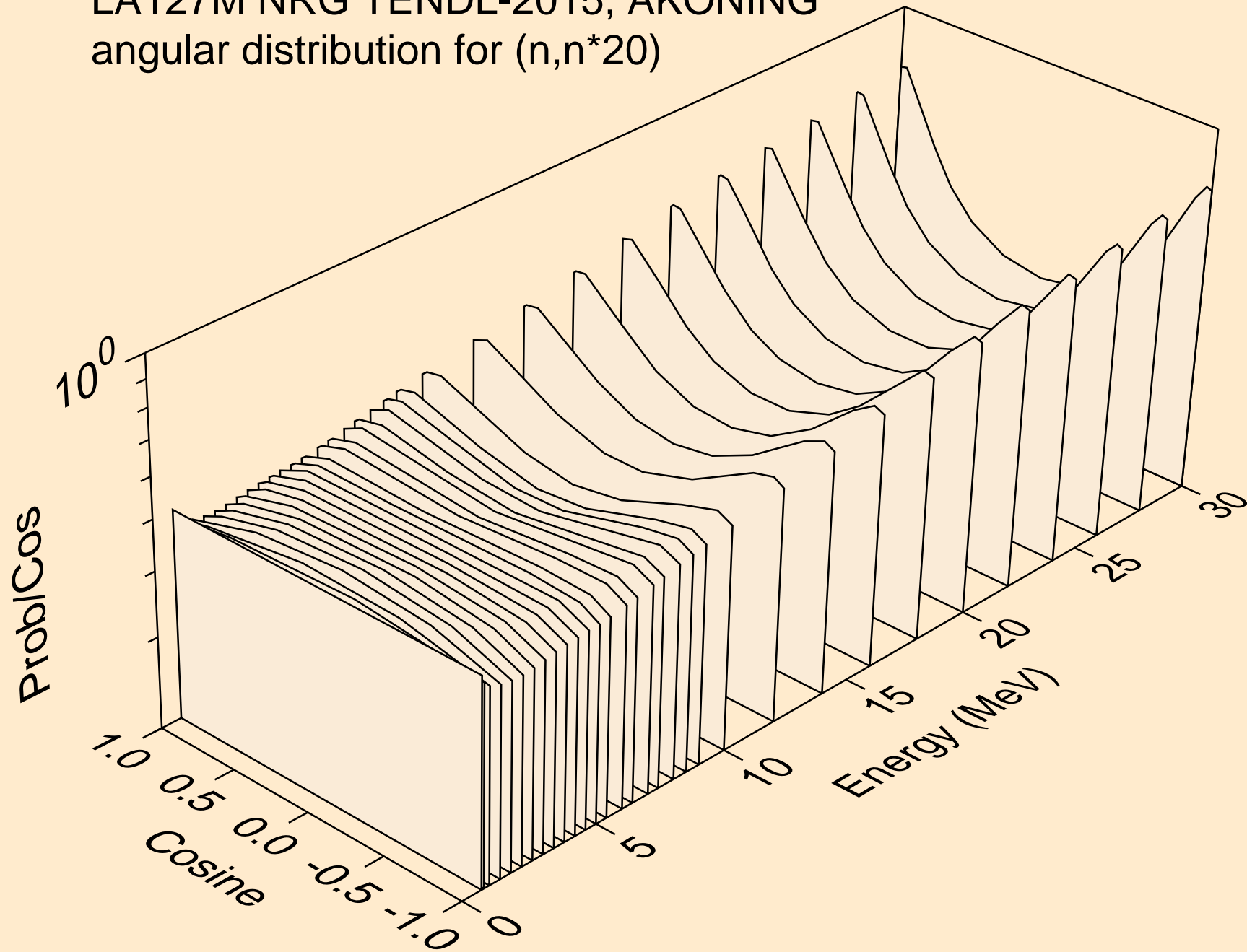
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angular distribution for (n,n\*18)



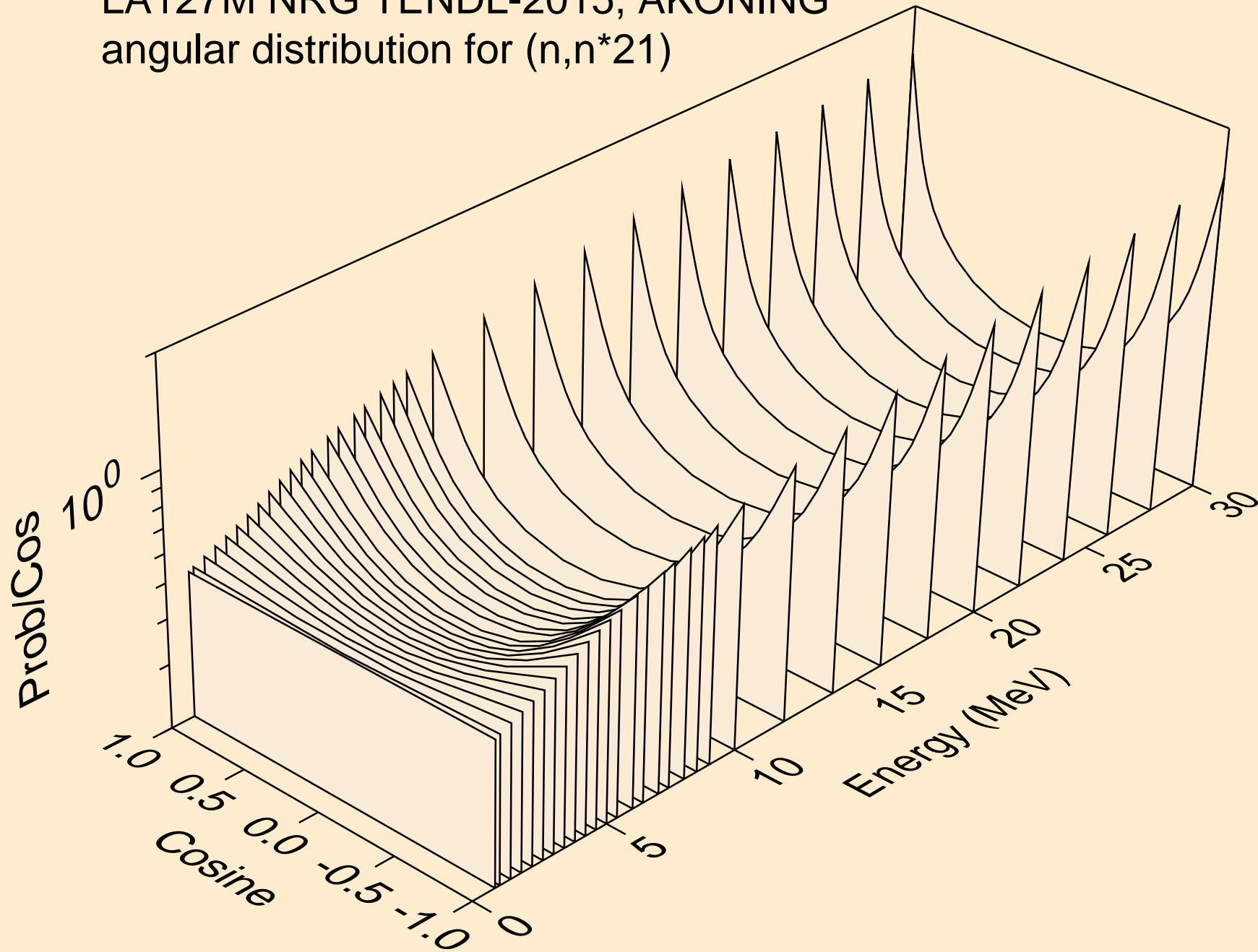
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angular distribution for (n,n\*19)



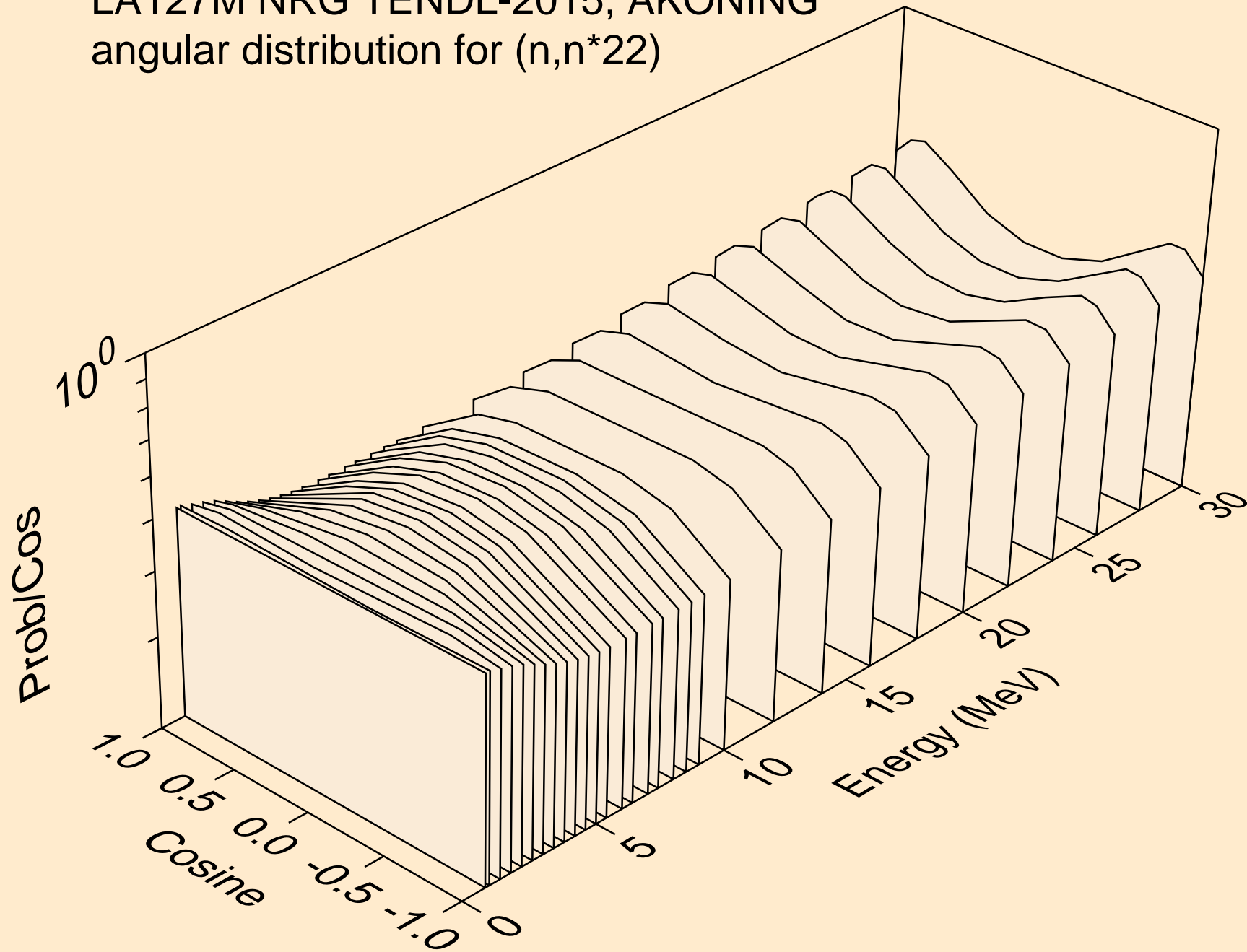
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



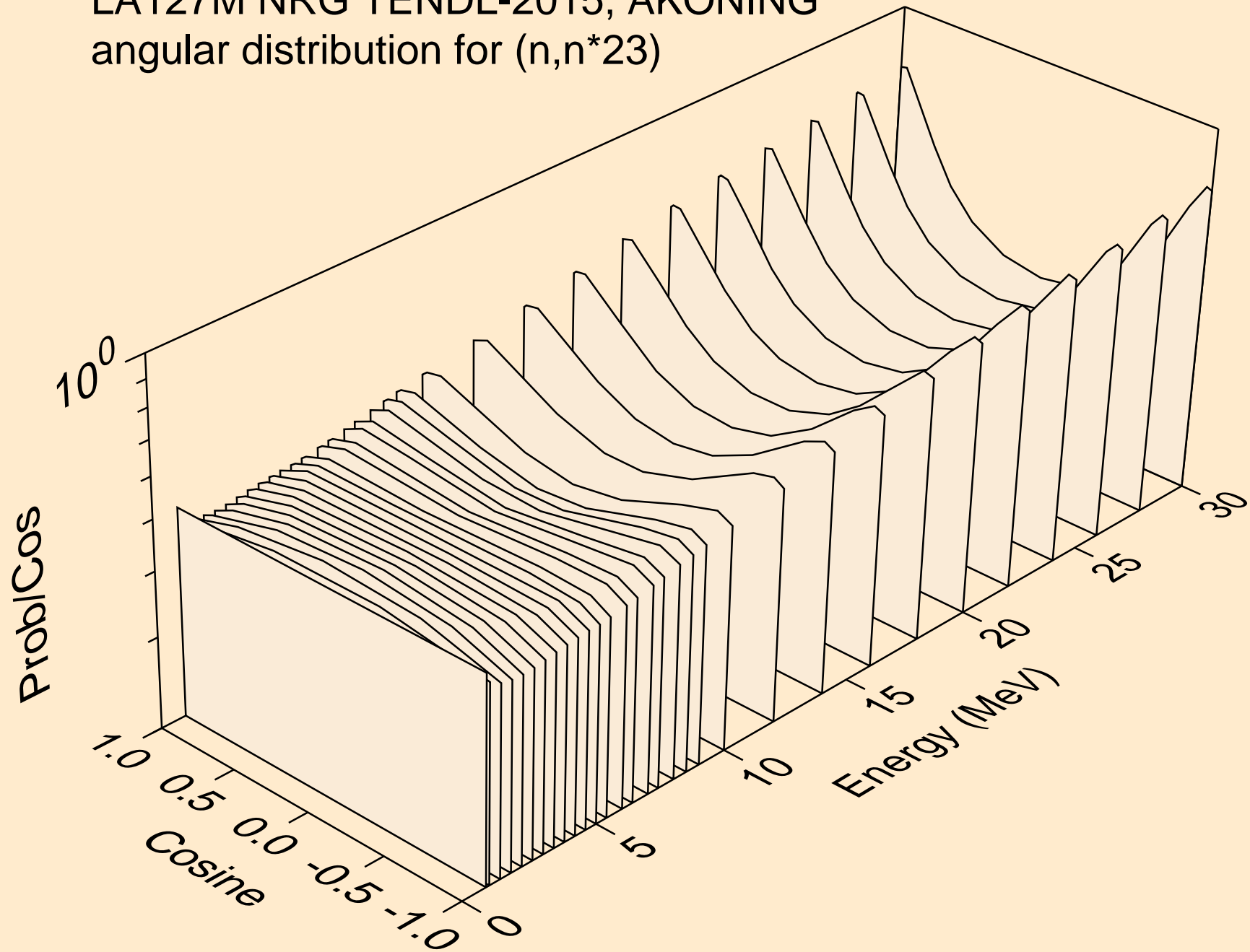
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angular distribution for (n,n\*21)



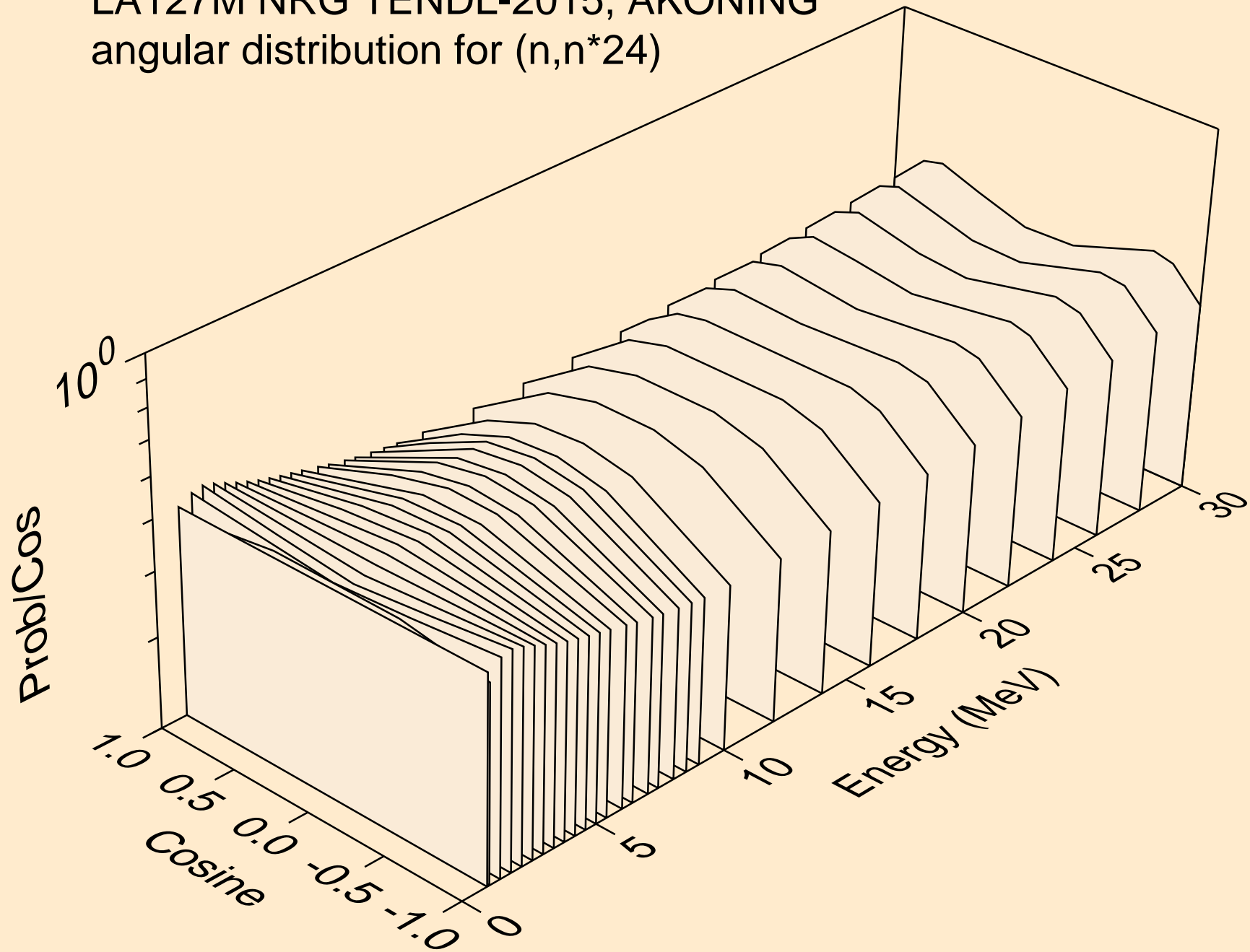
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

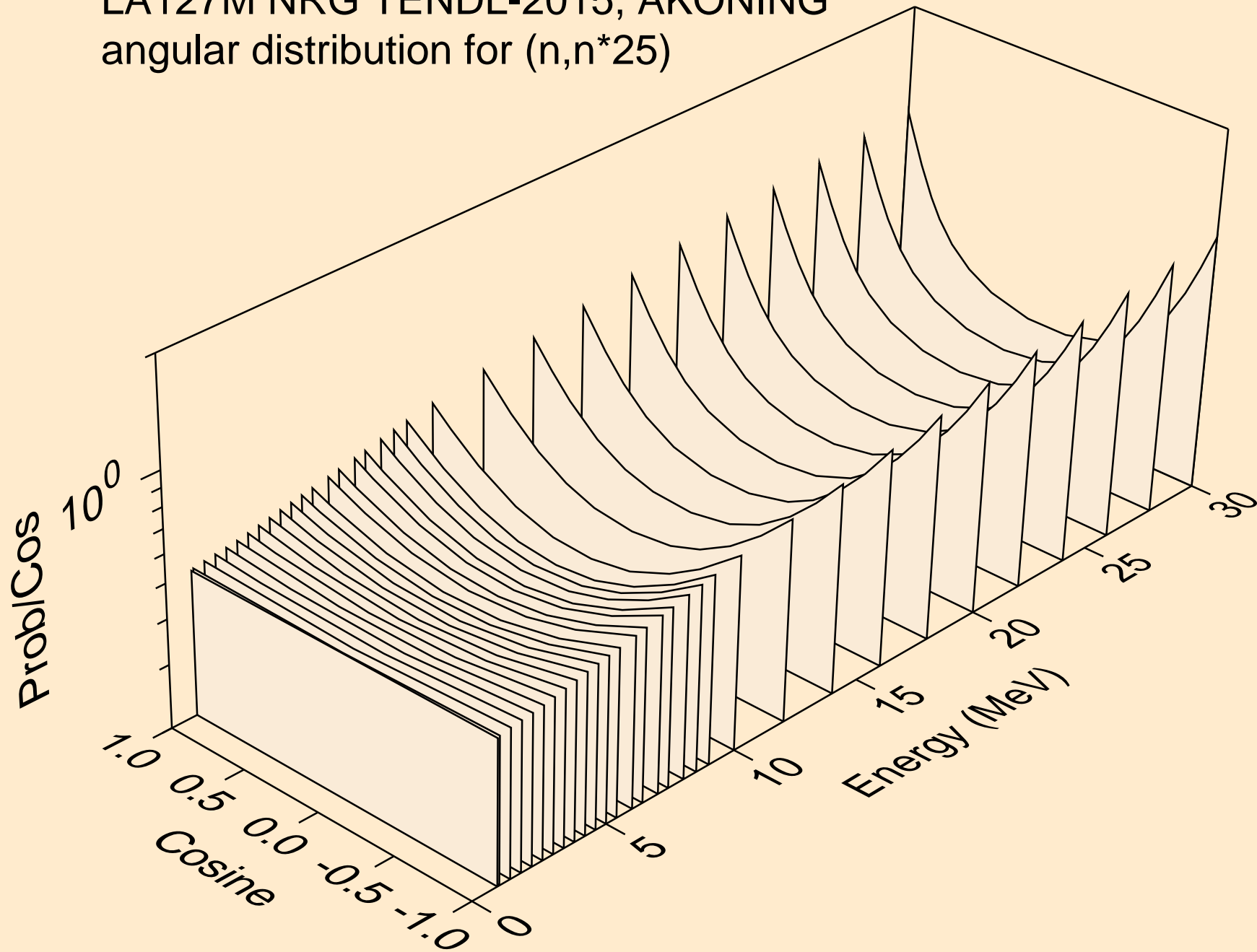


LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

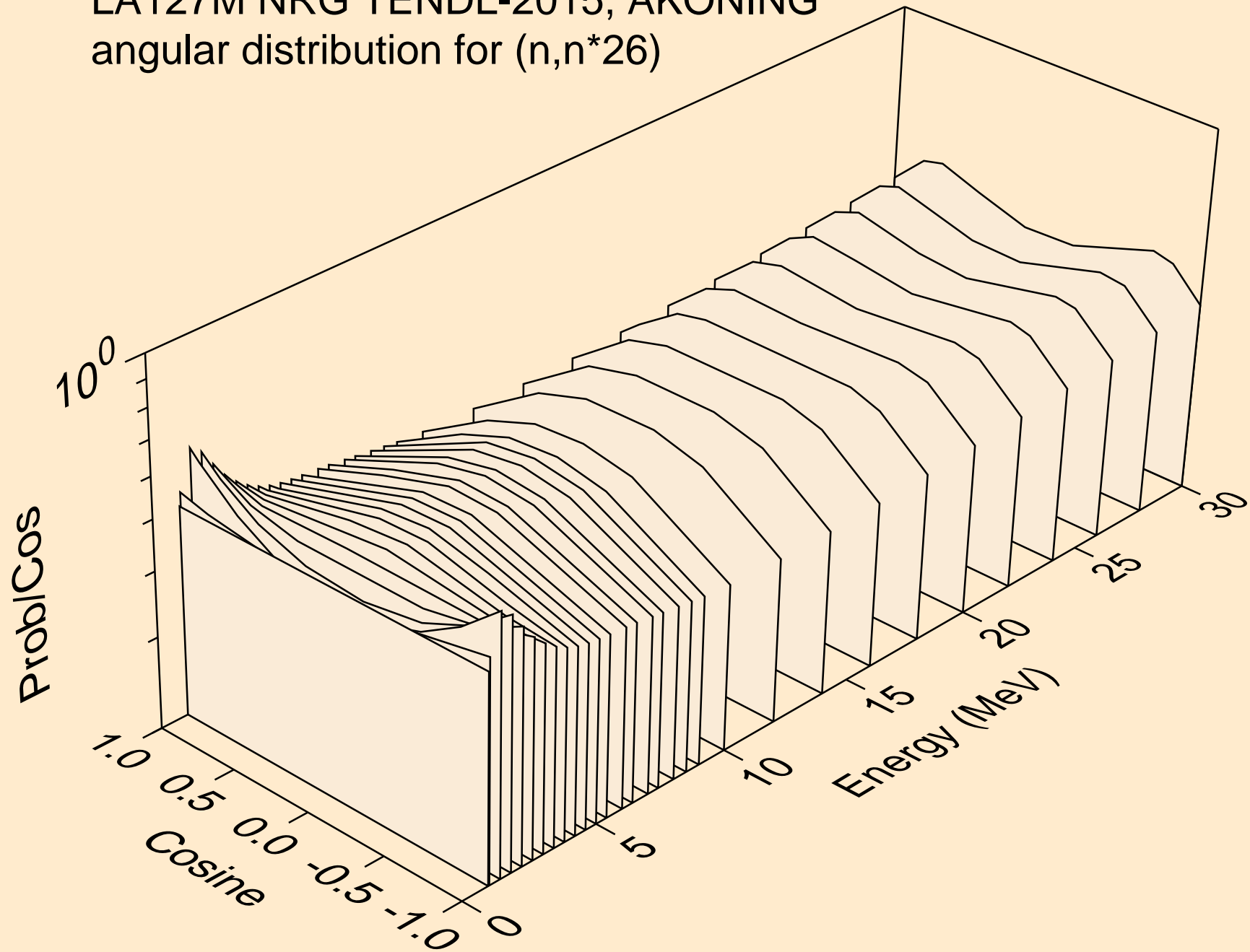




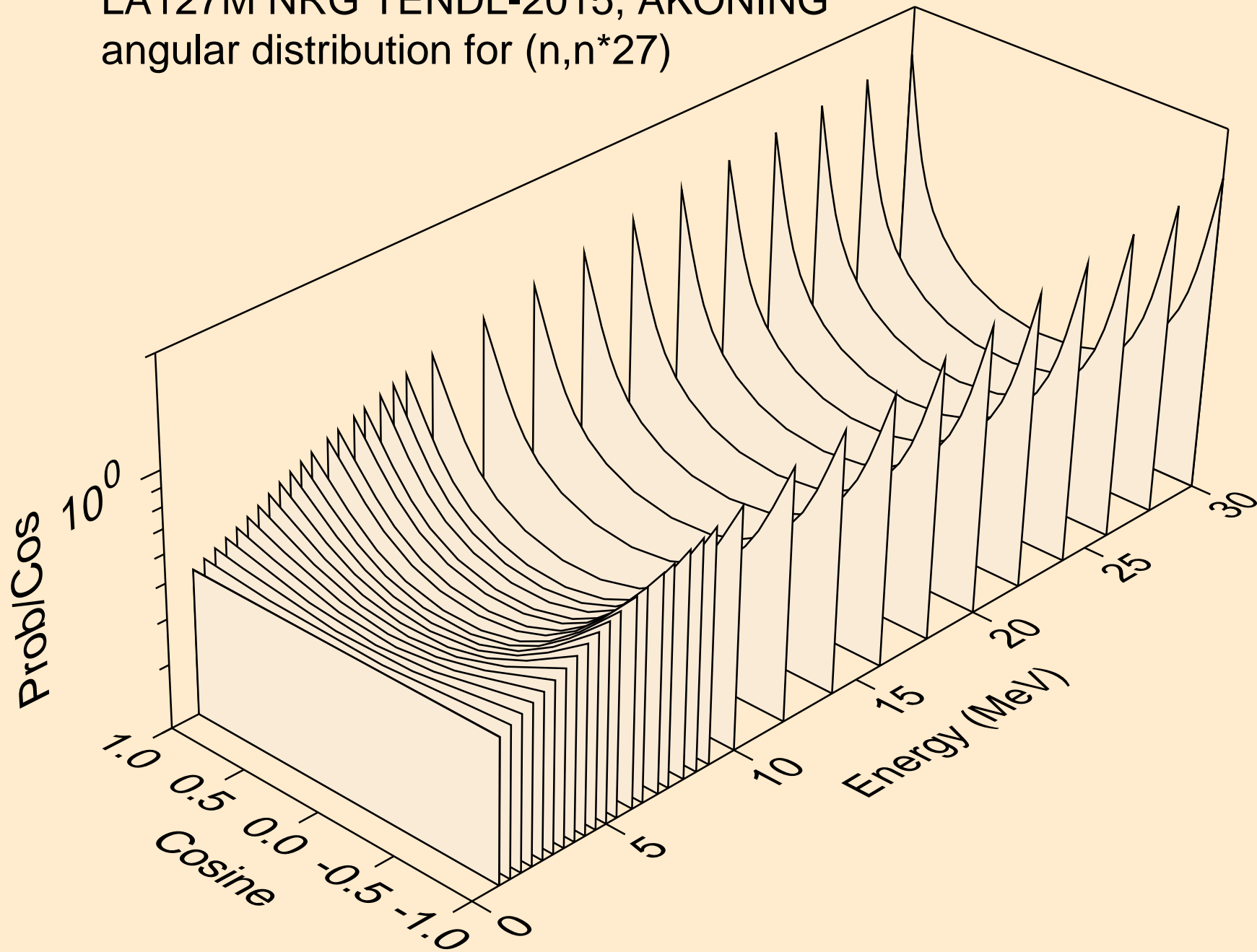
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



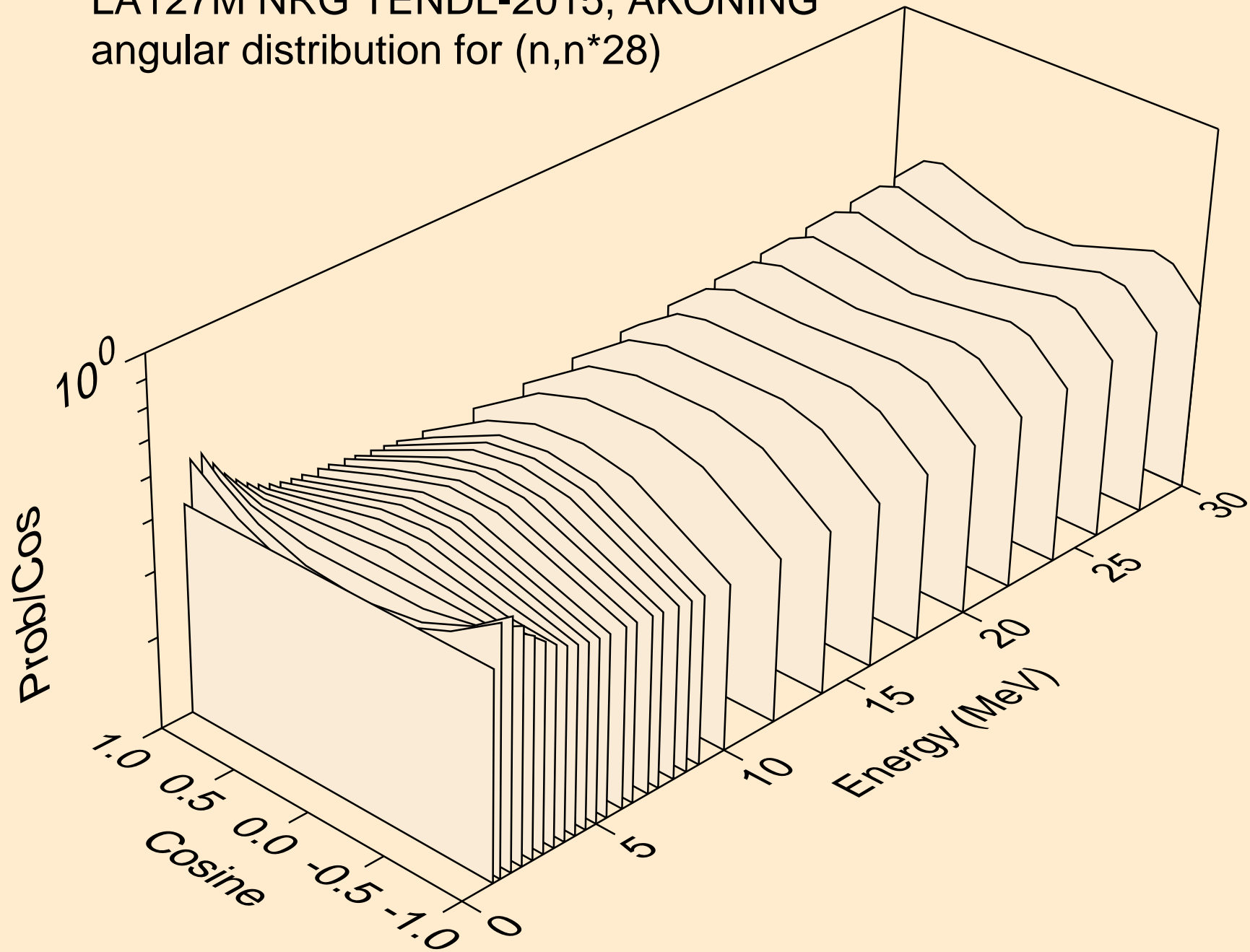
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angular distribution for (n,n\*26)



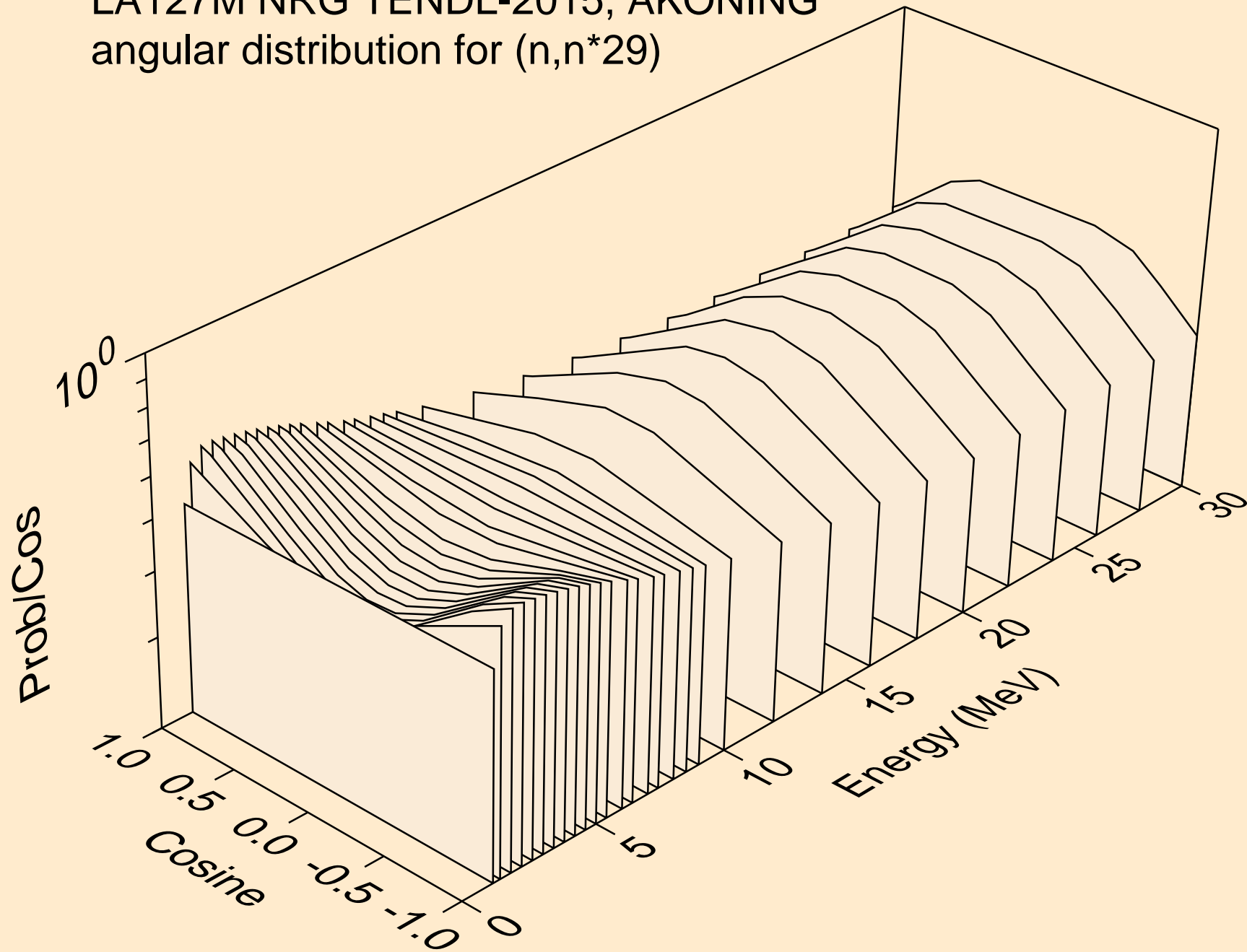
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angular distribution for (n,n\*27)



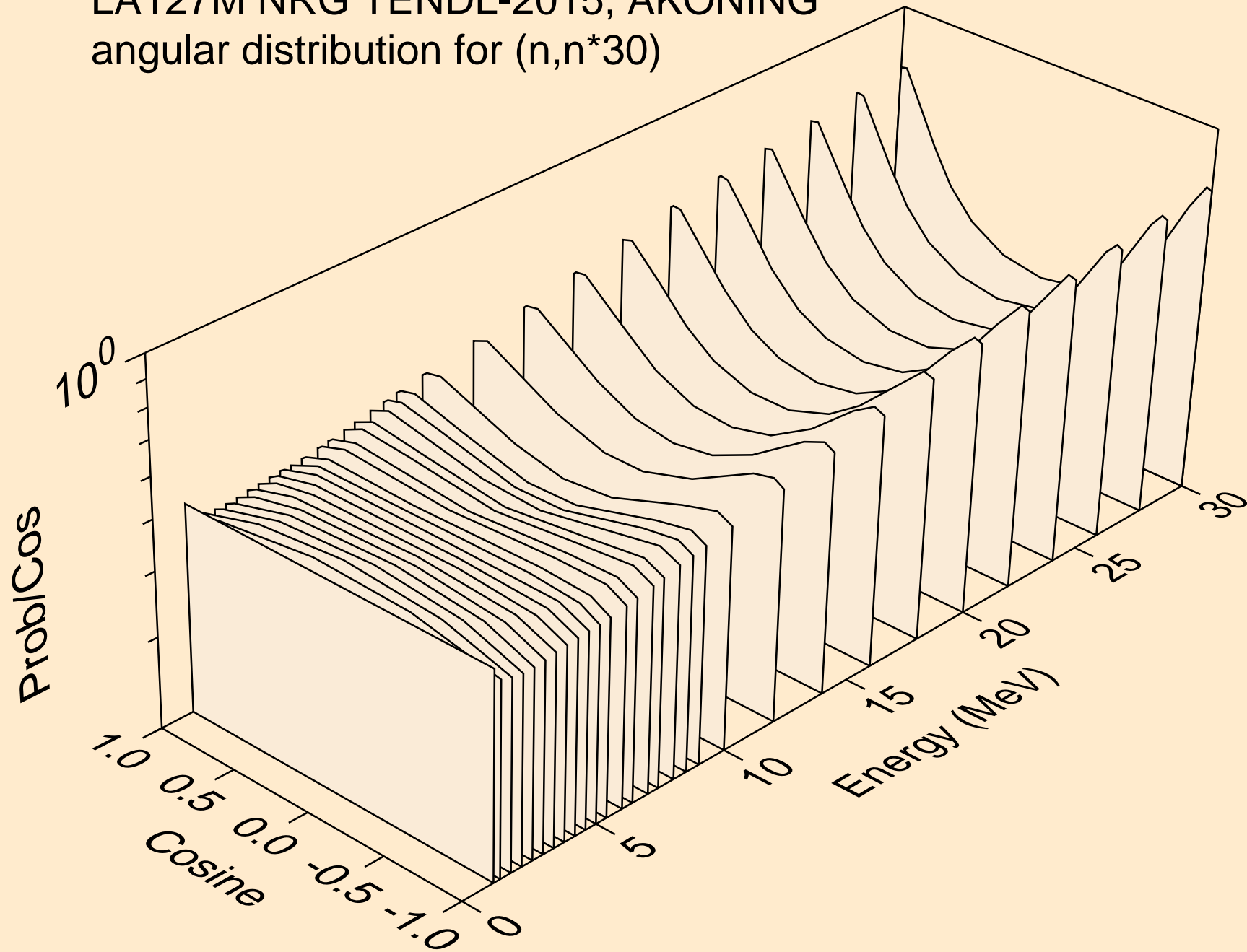
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



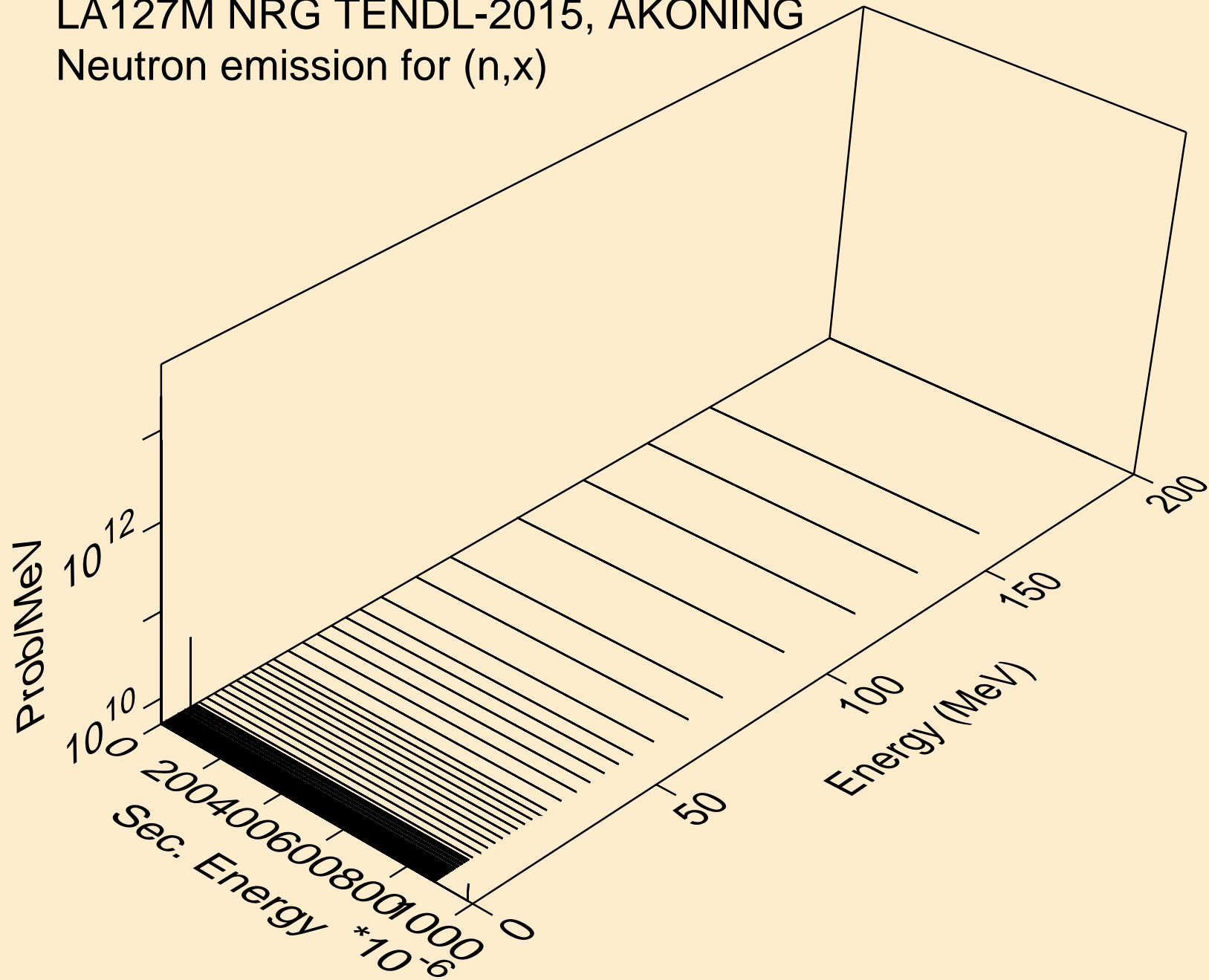
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



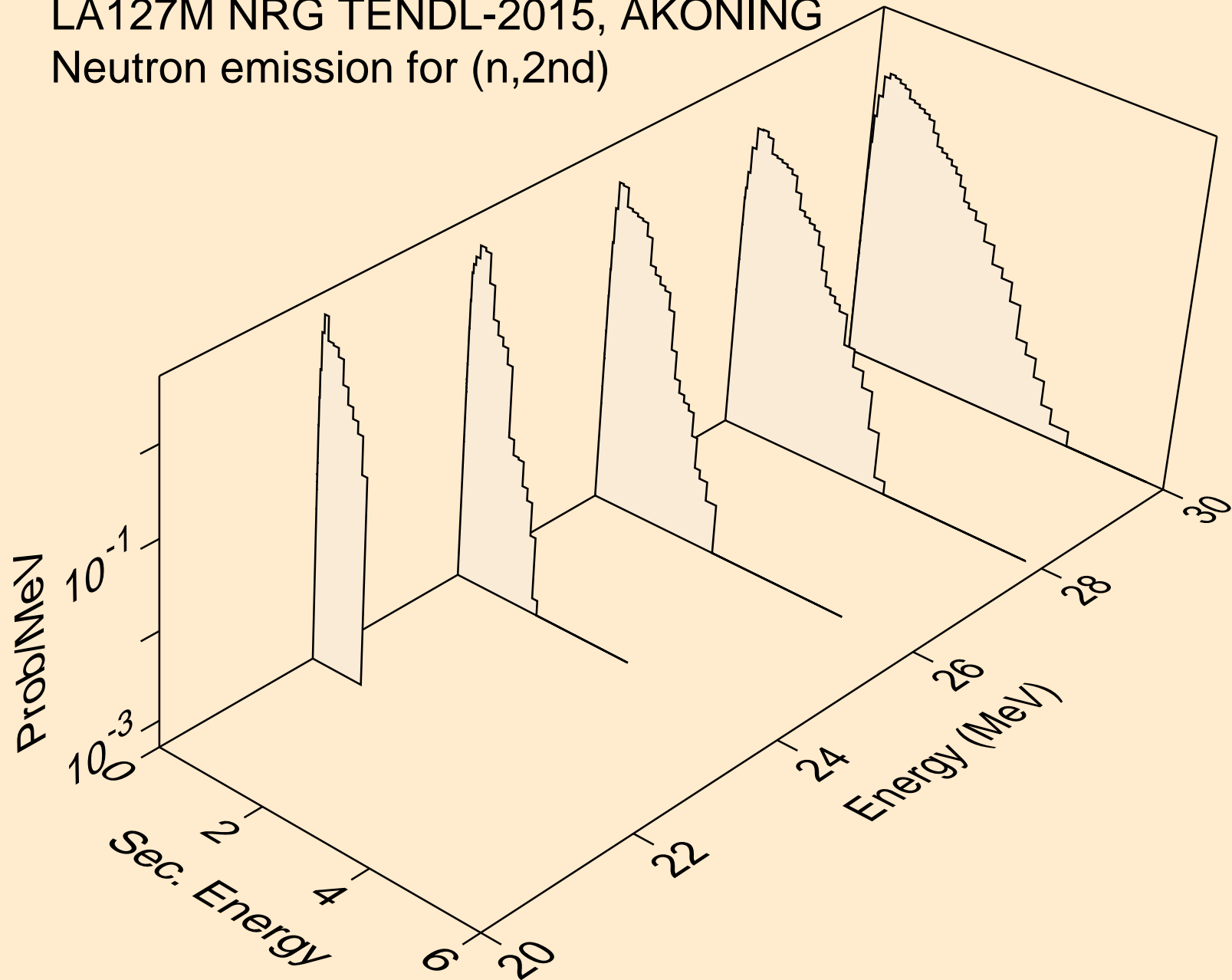
LA127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

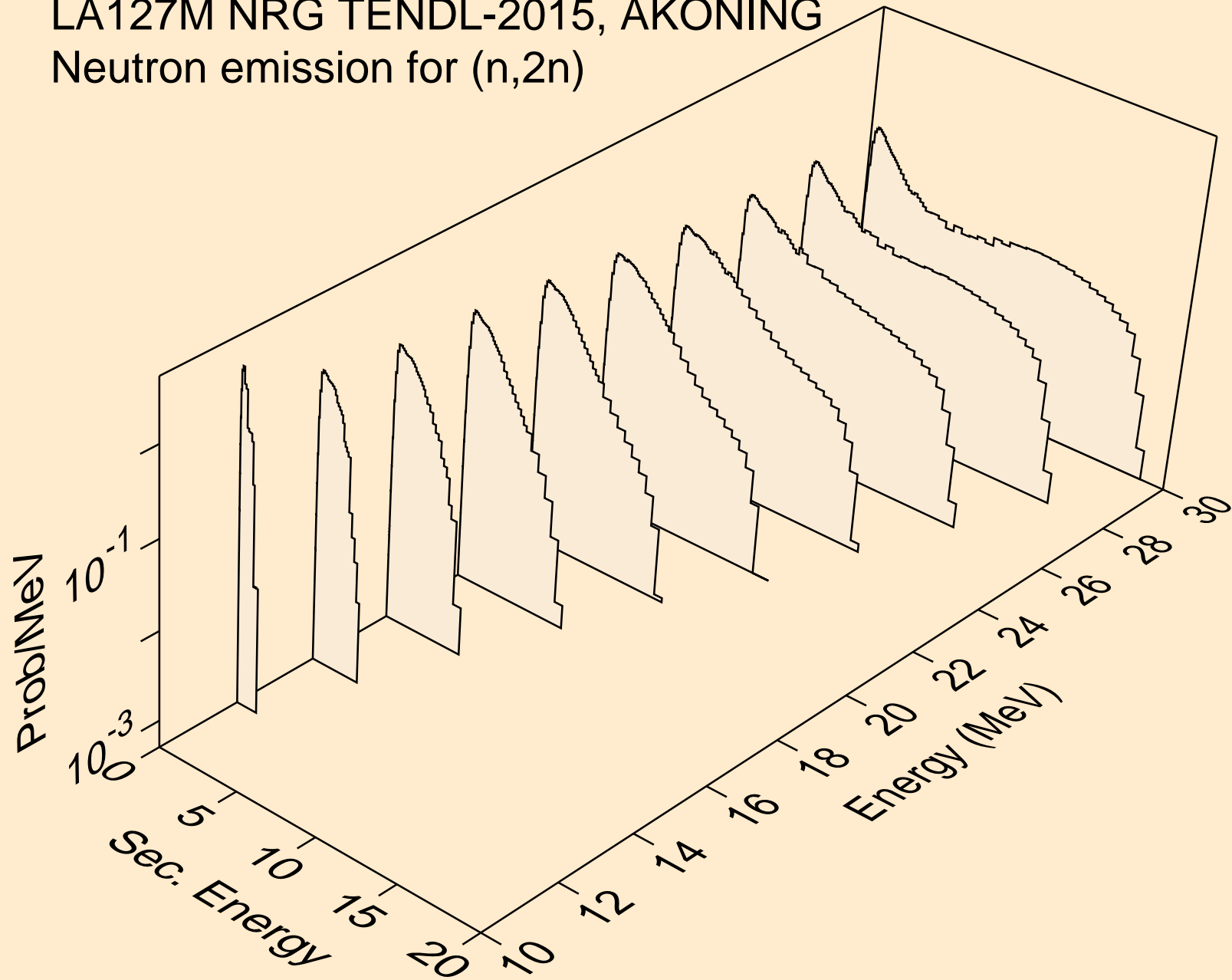


LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

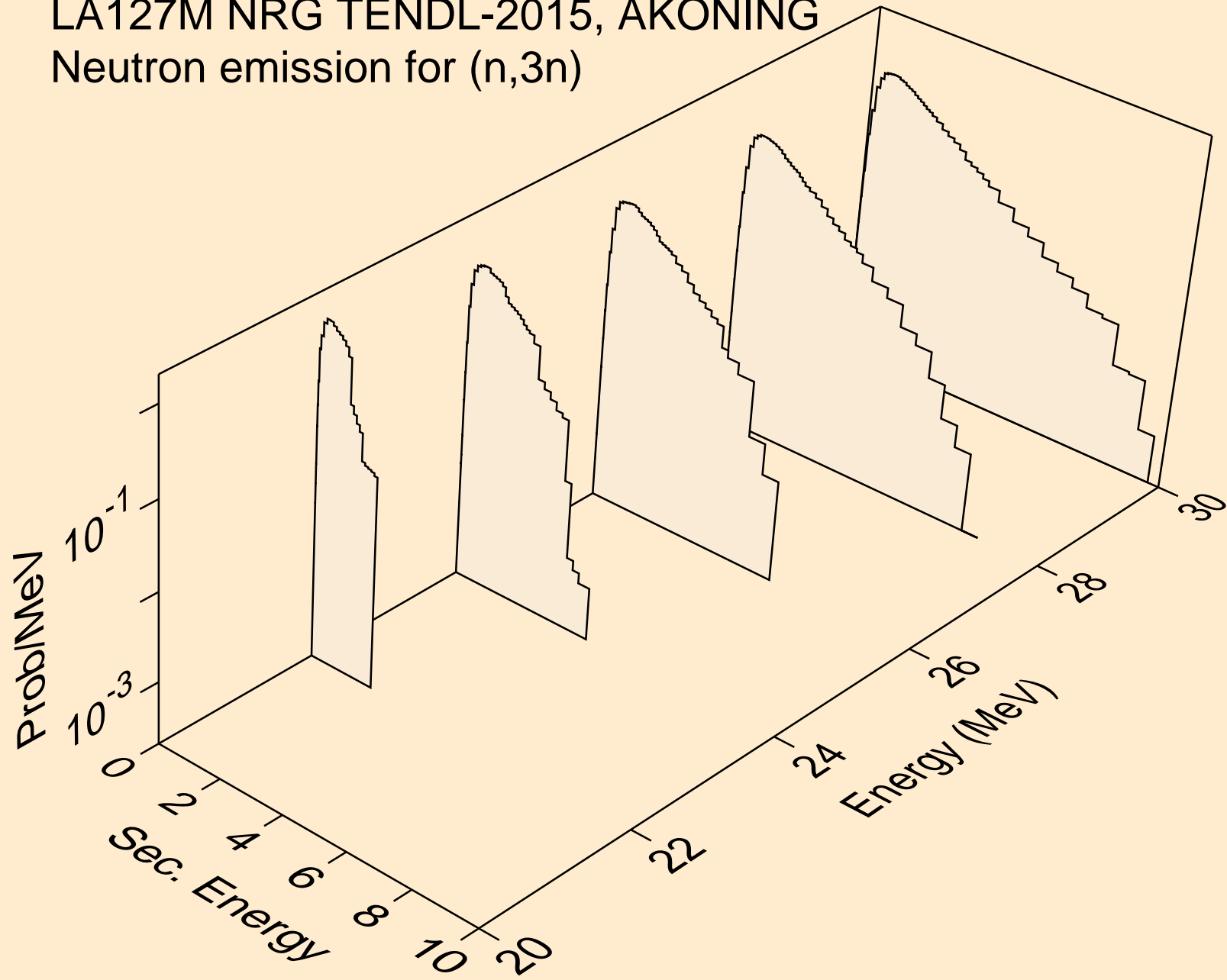




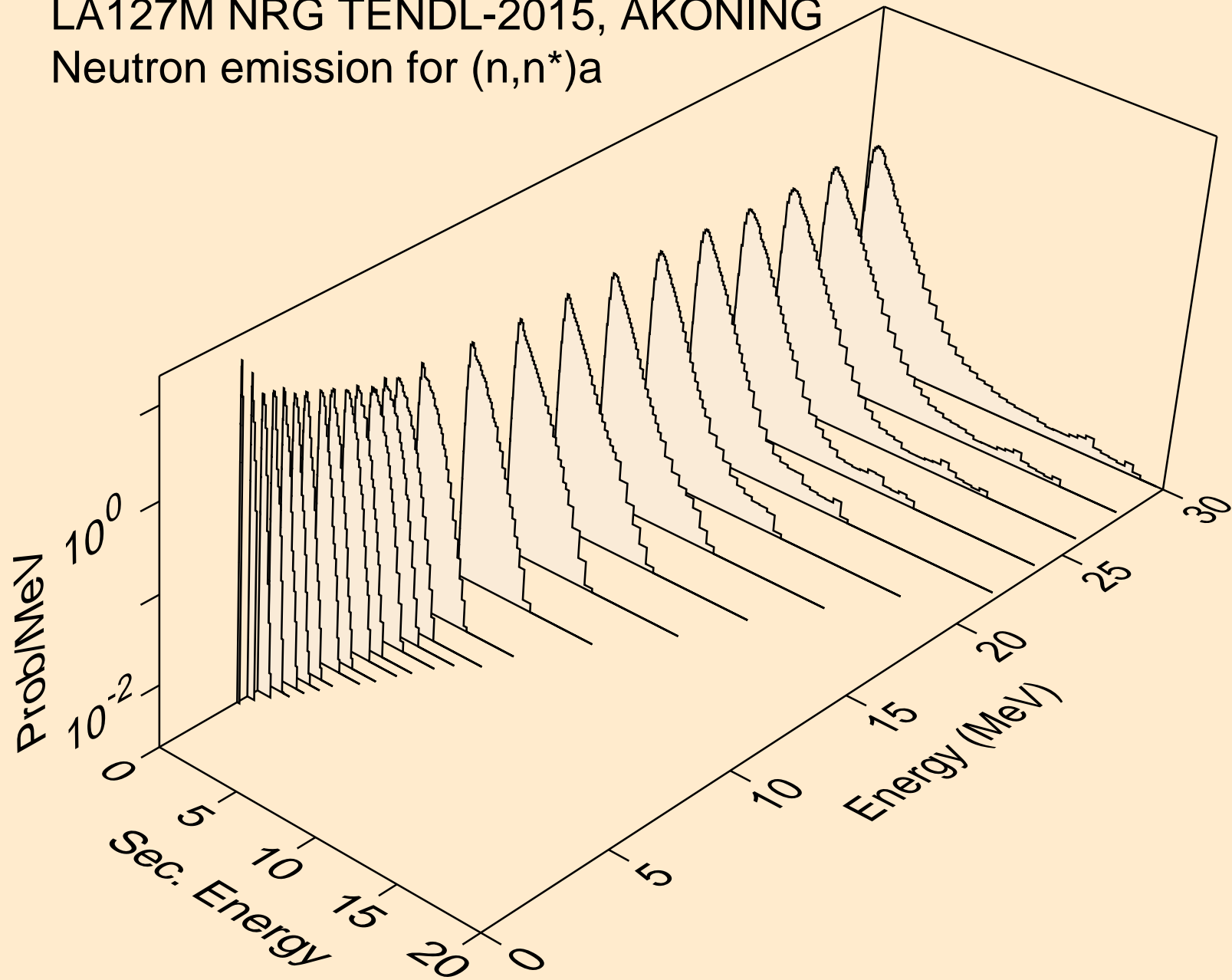
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



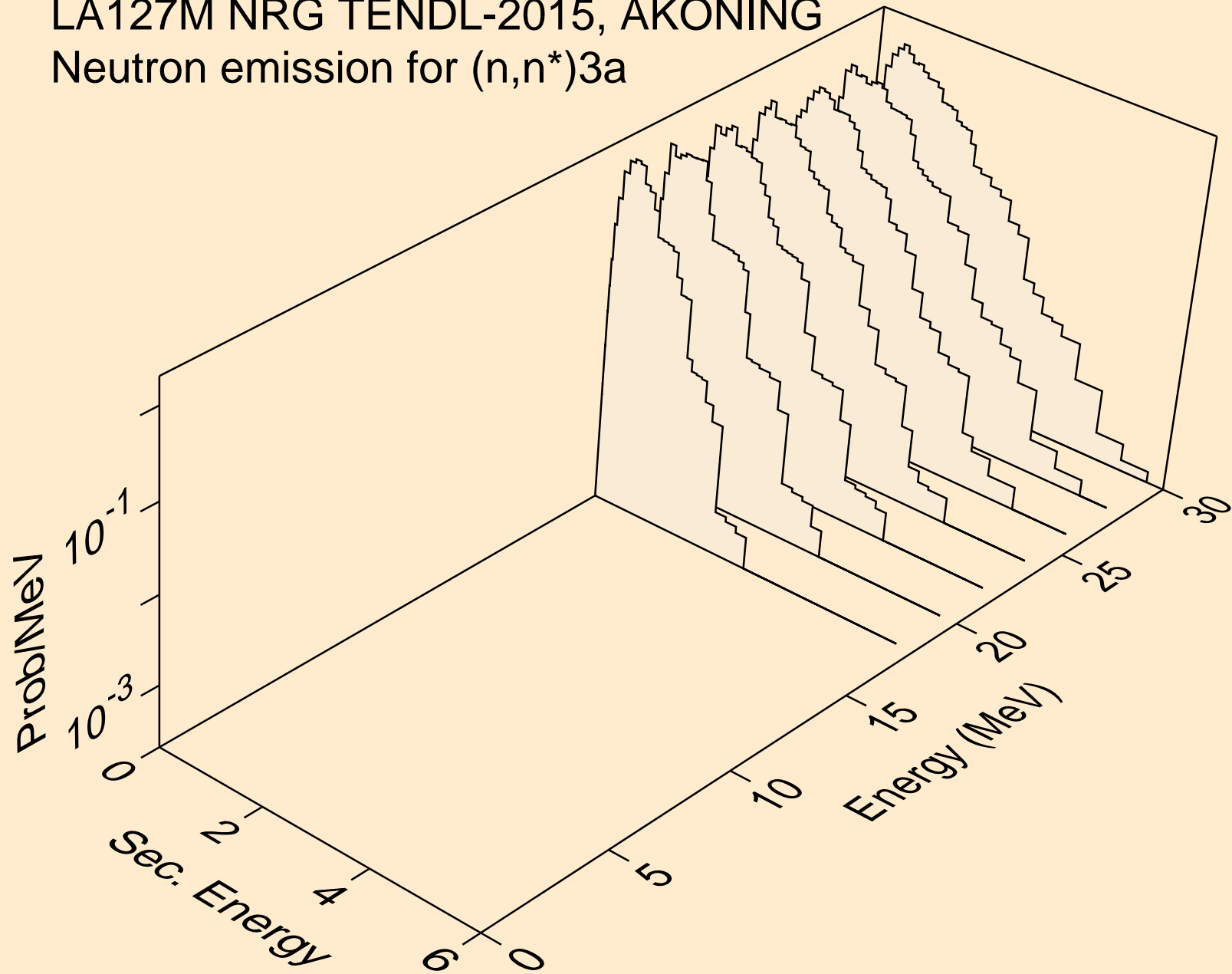
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



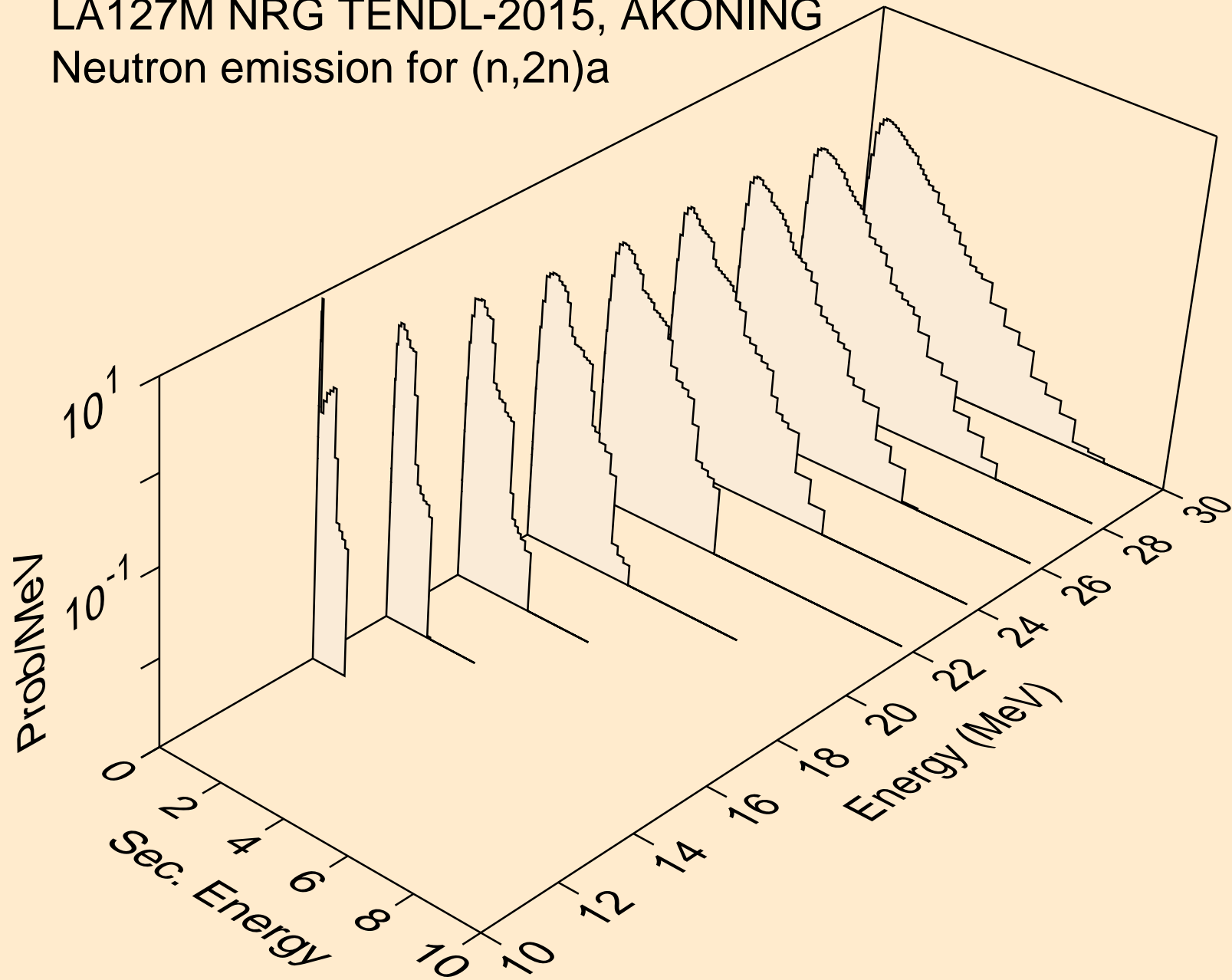
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



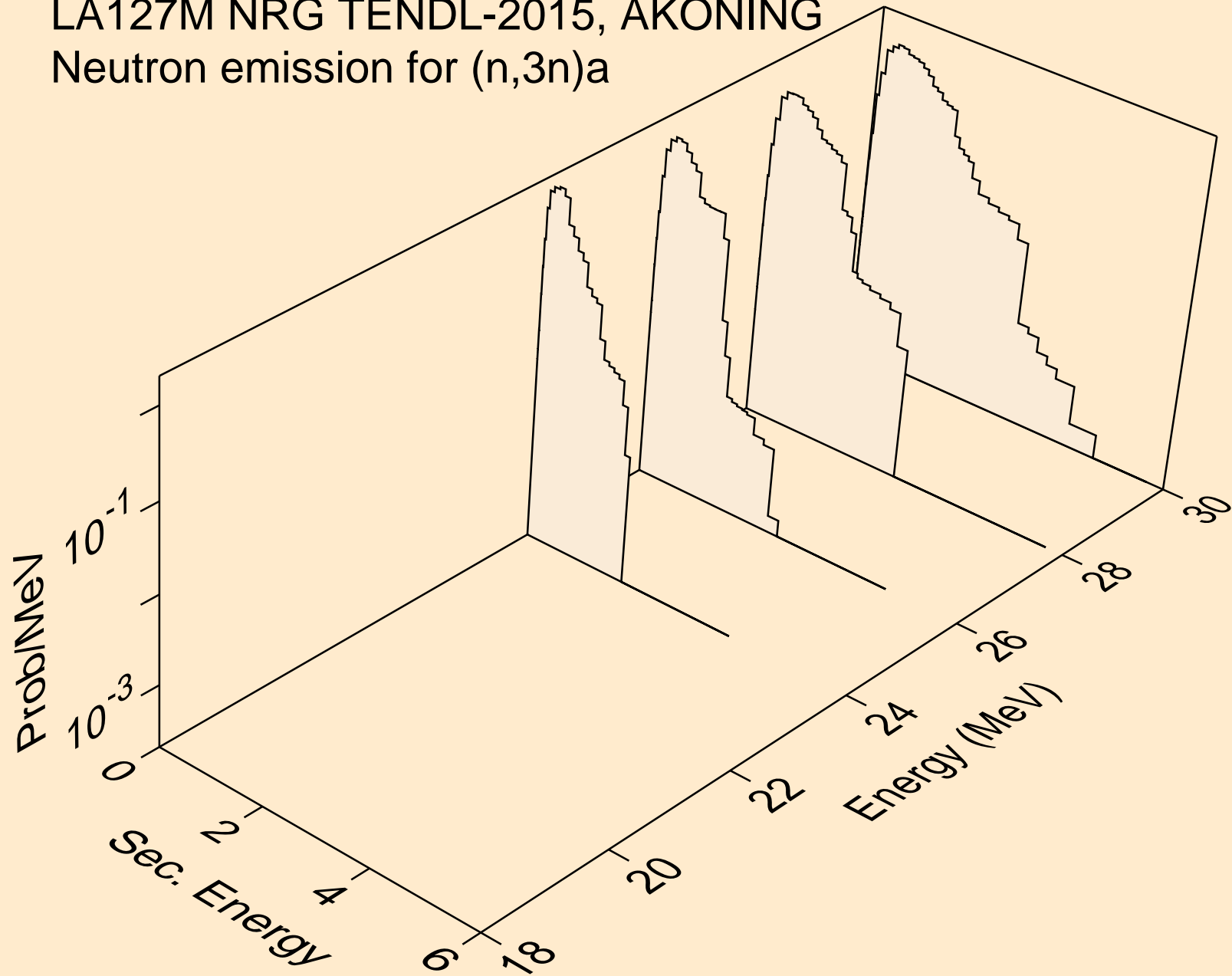
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)<sup>3a</sup>



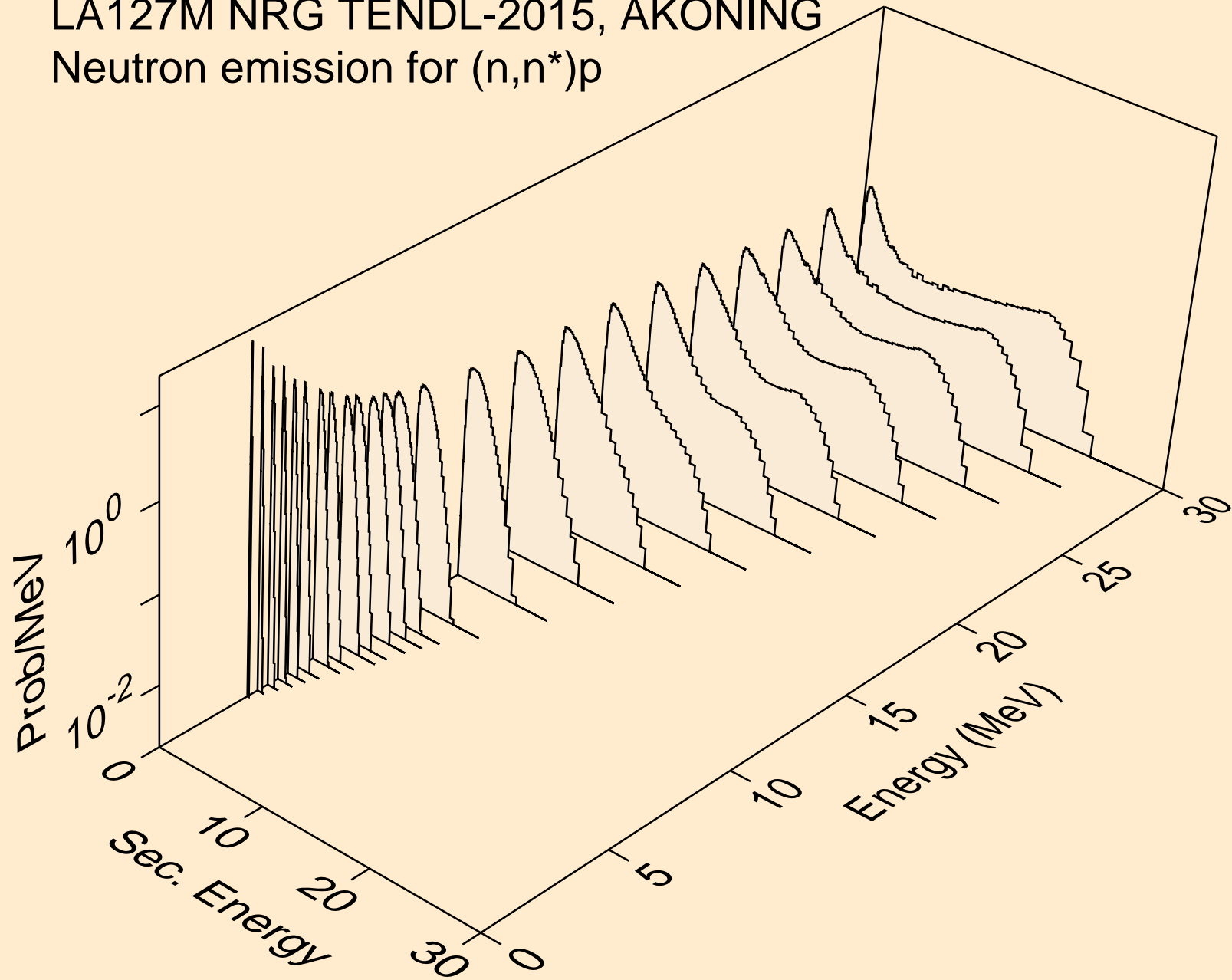
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



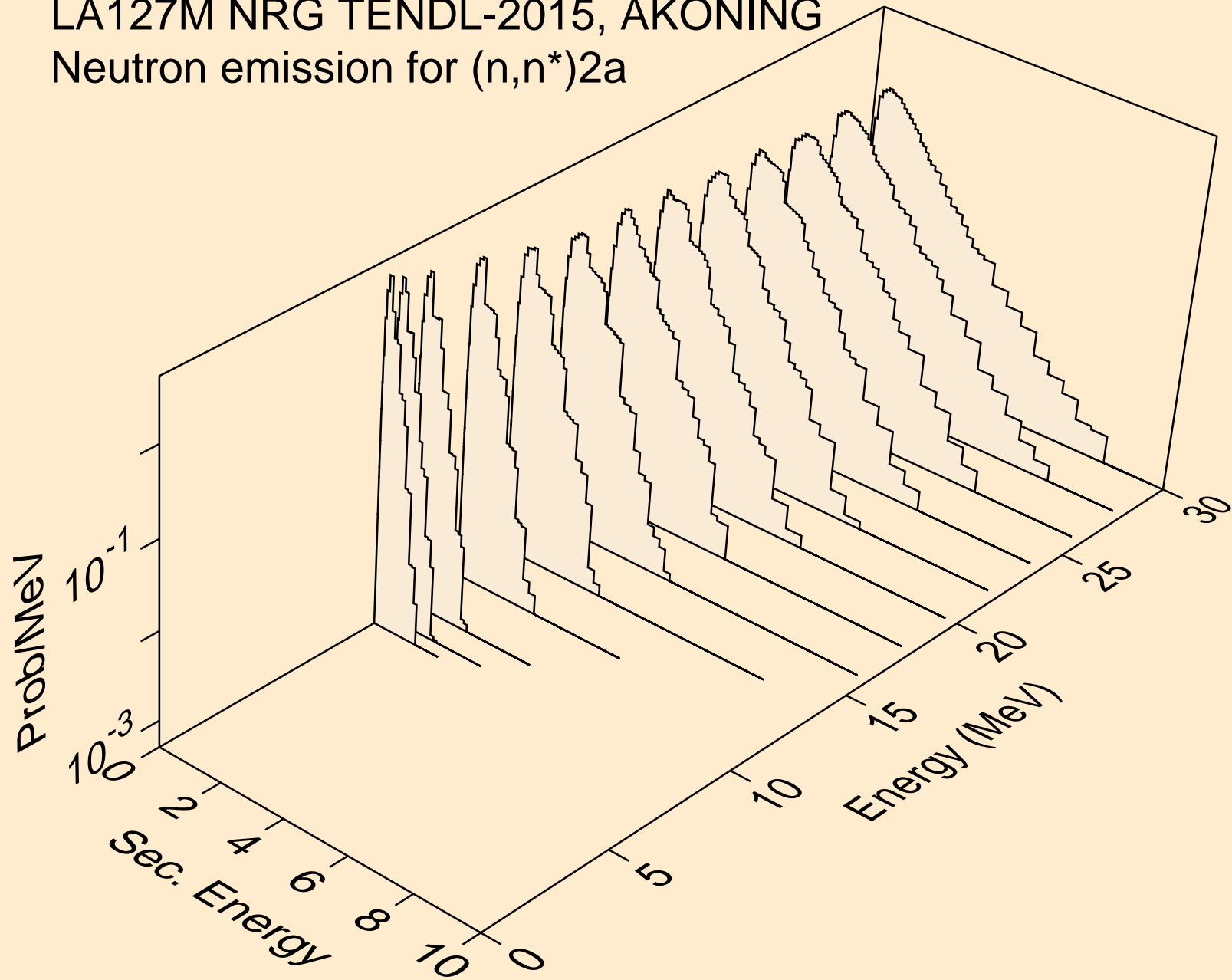
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

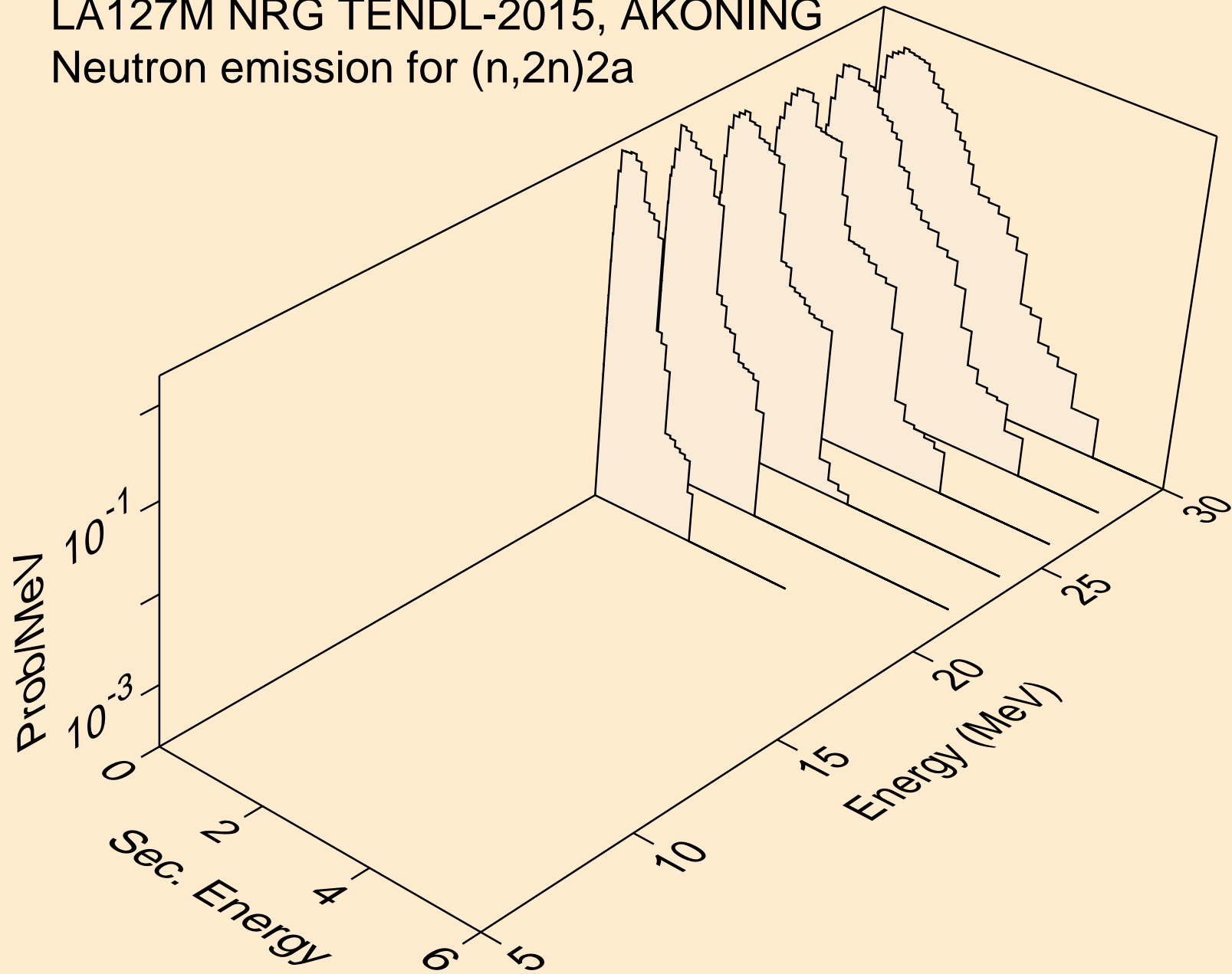


LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

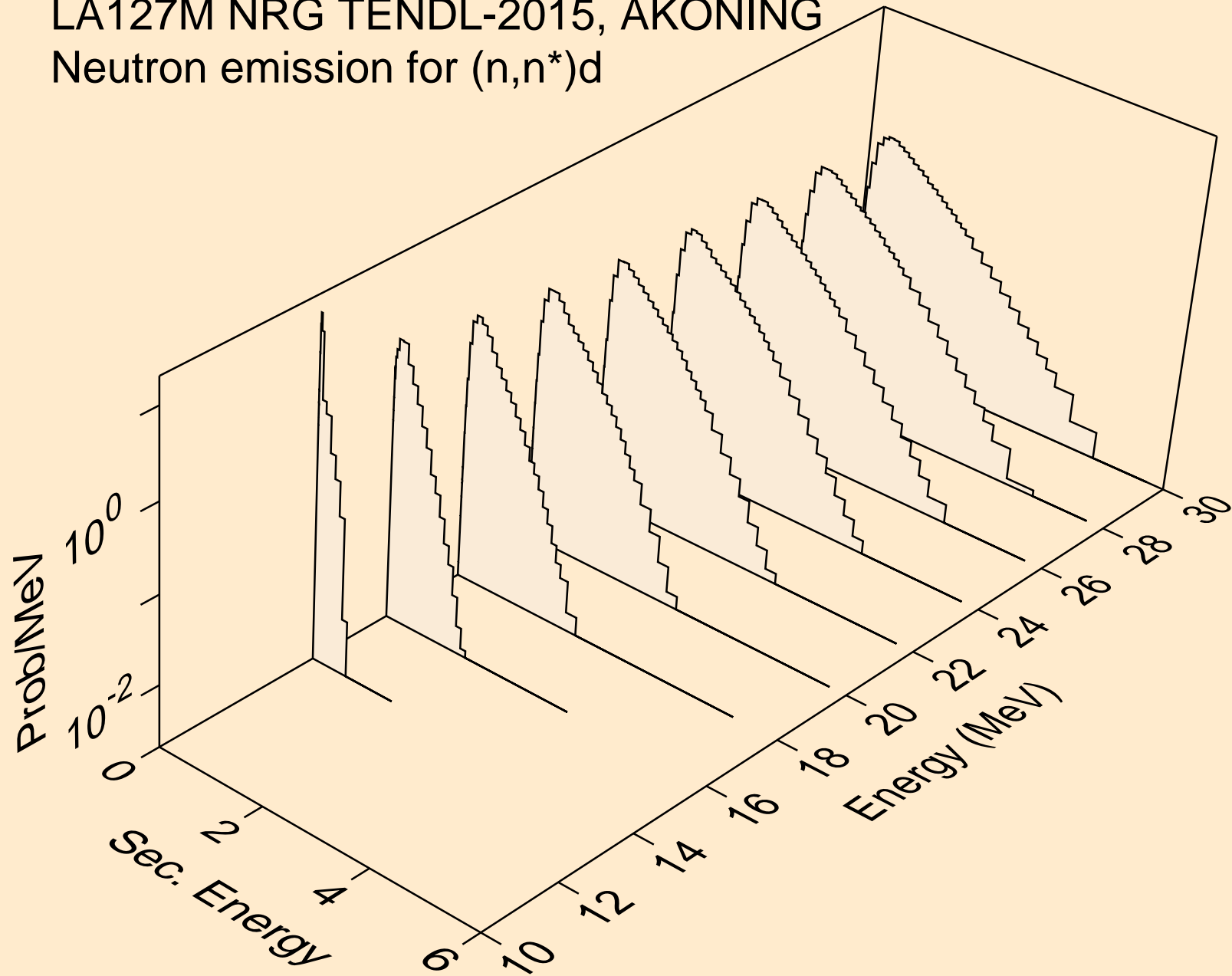




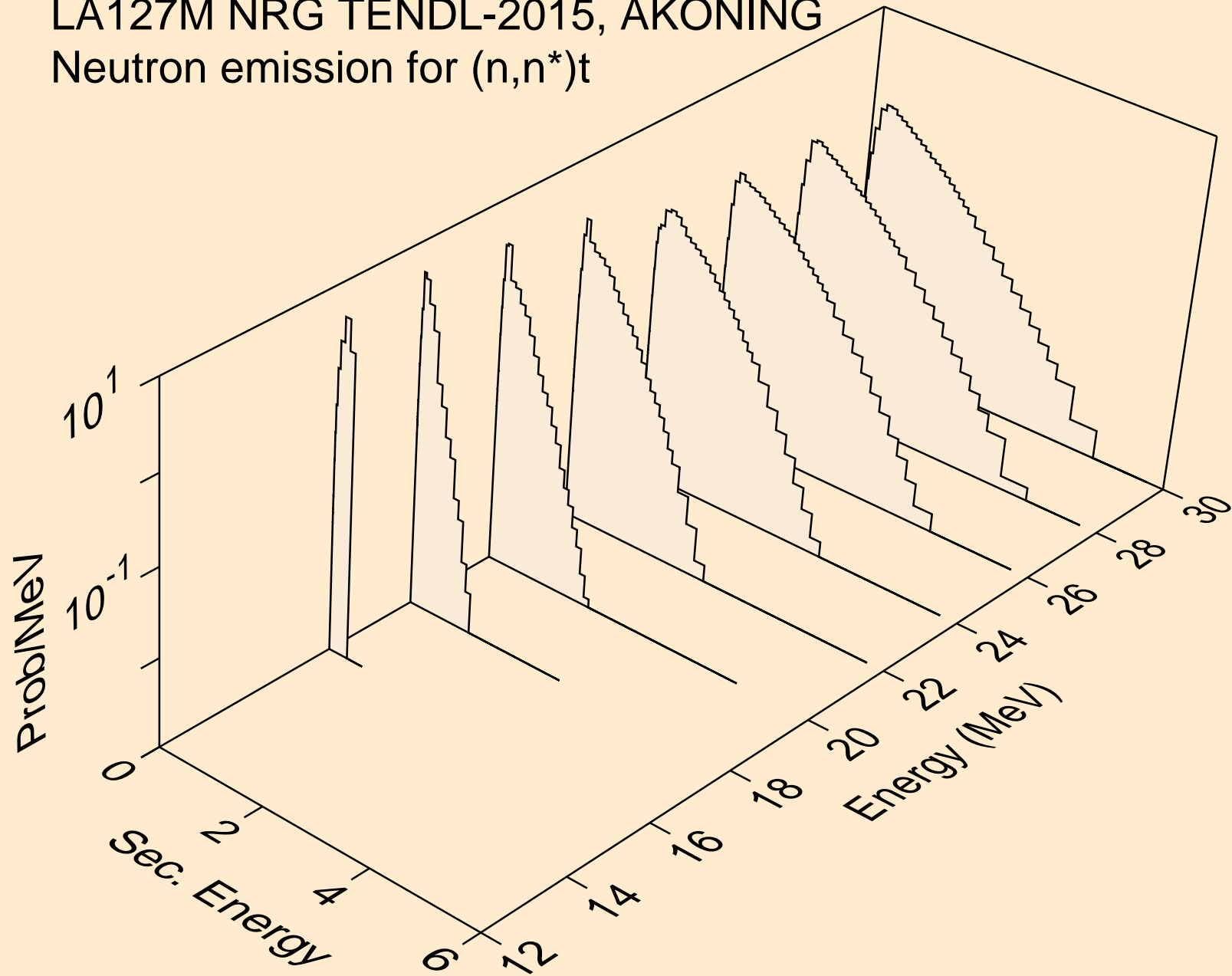
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



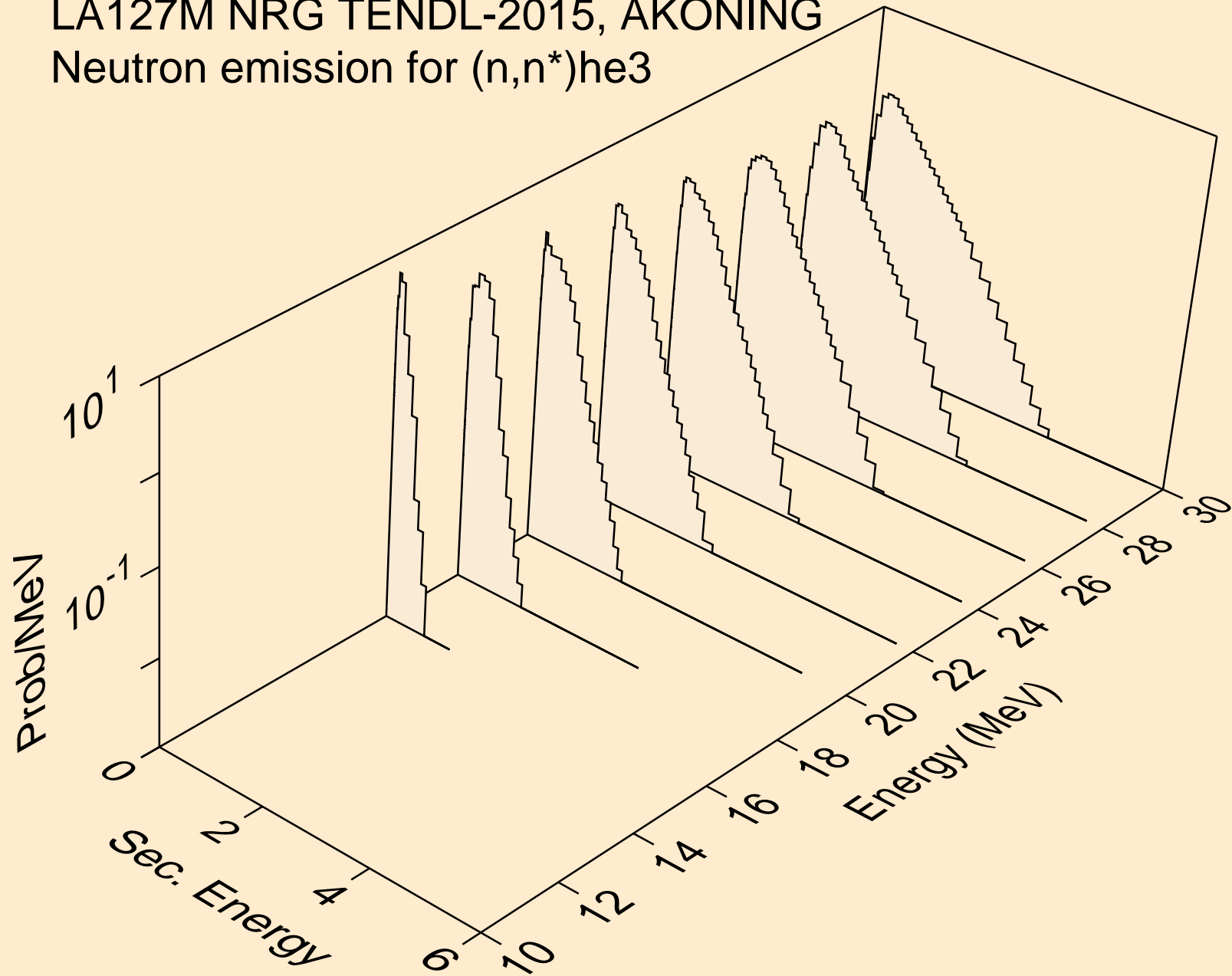
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



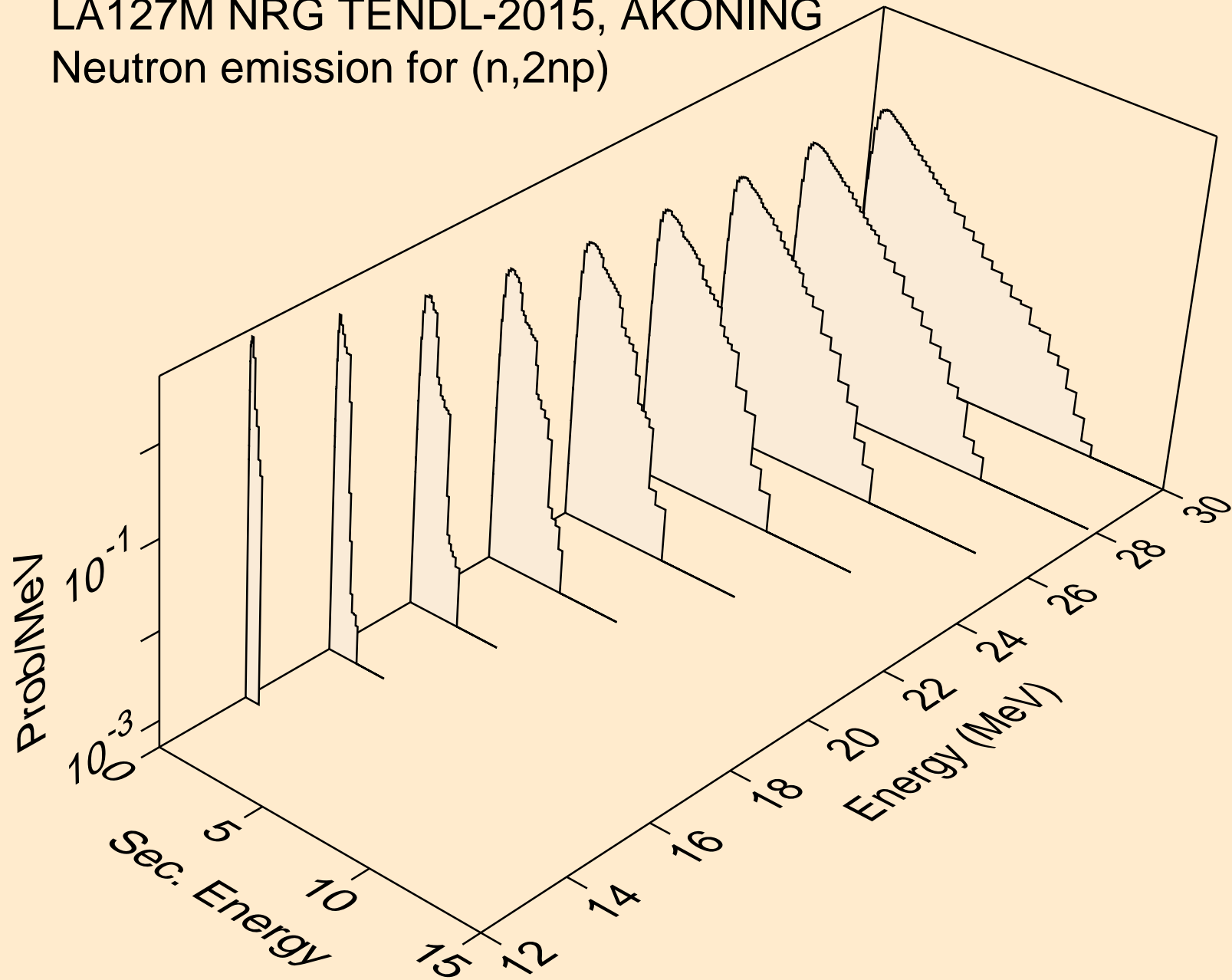
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



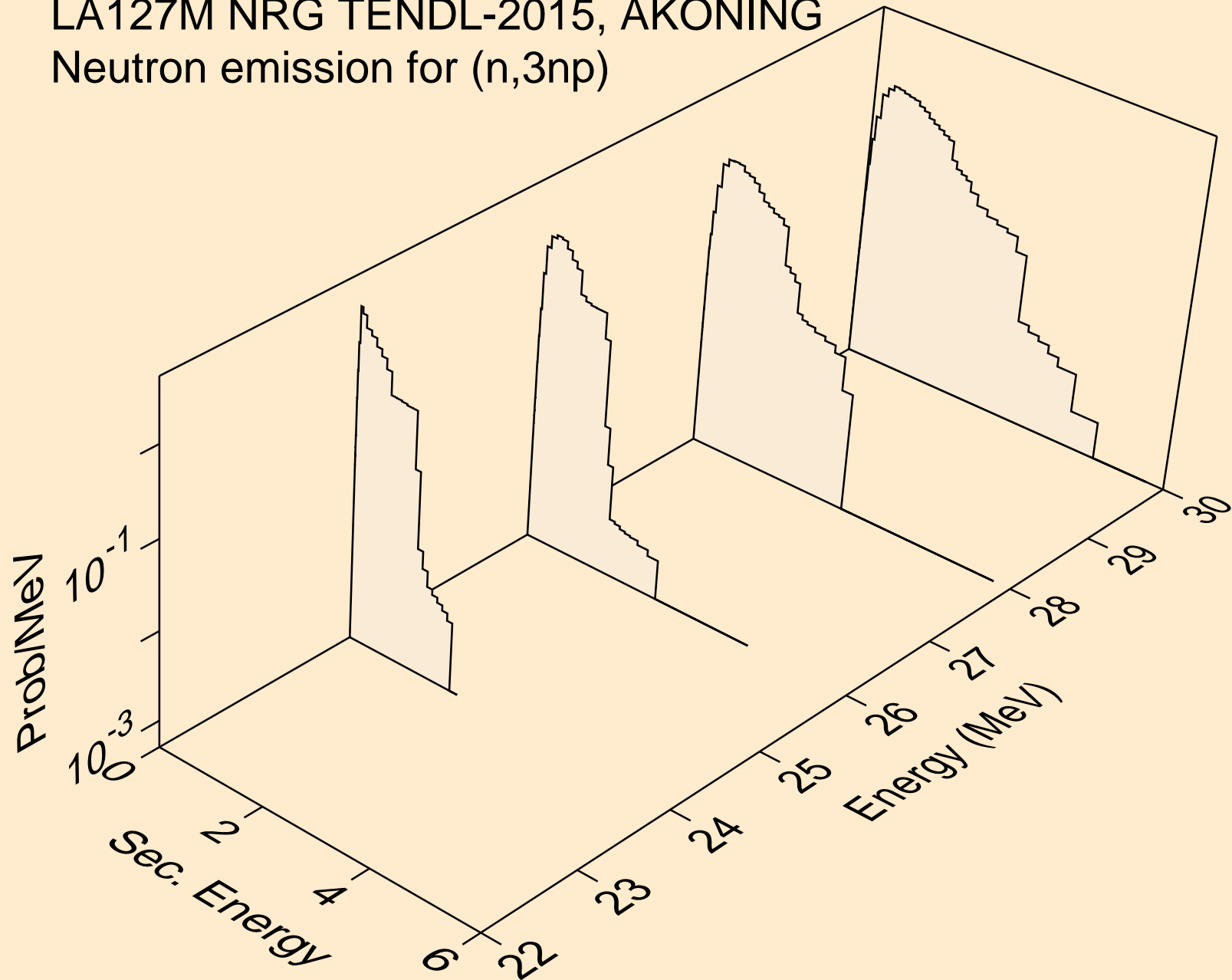
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



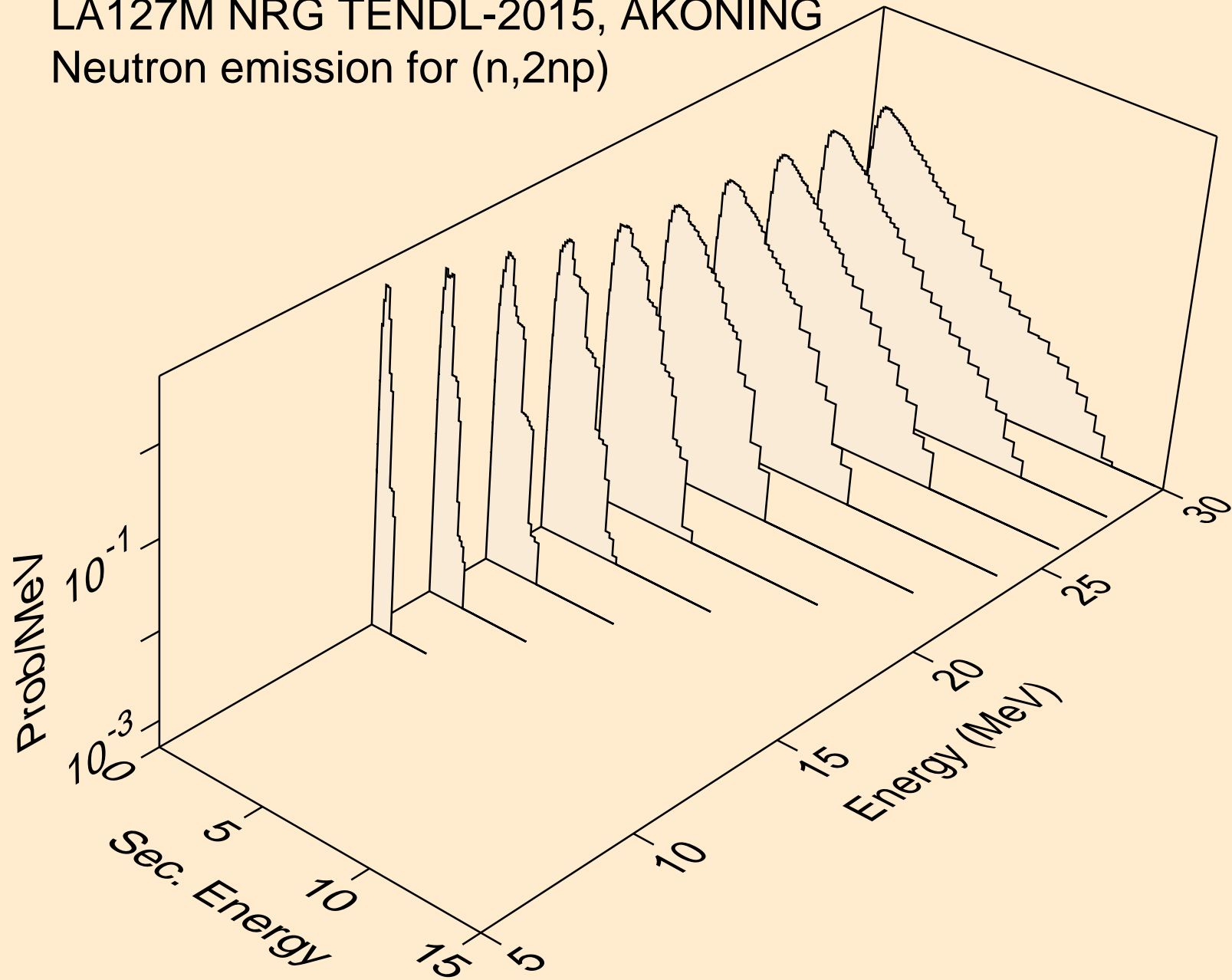
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



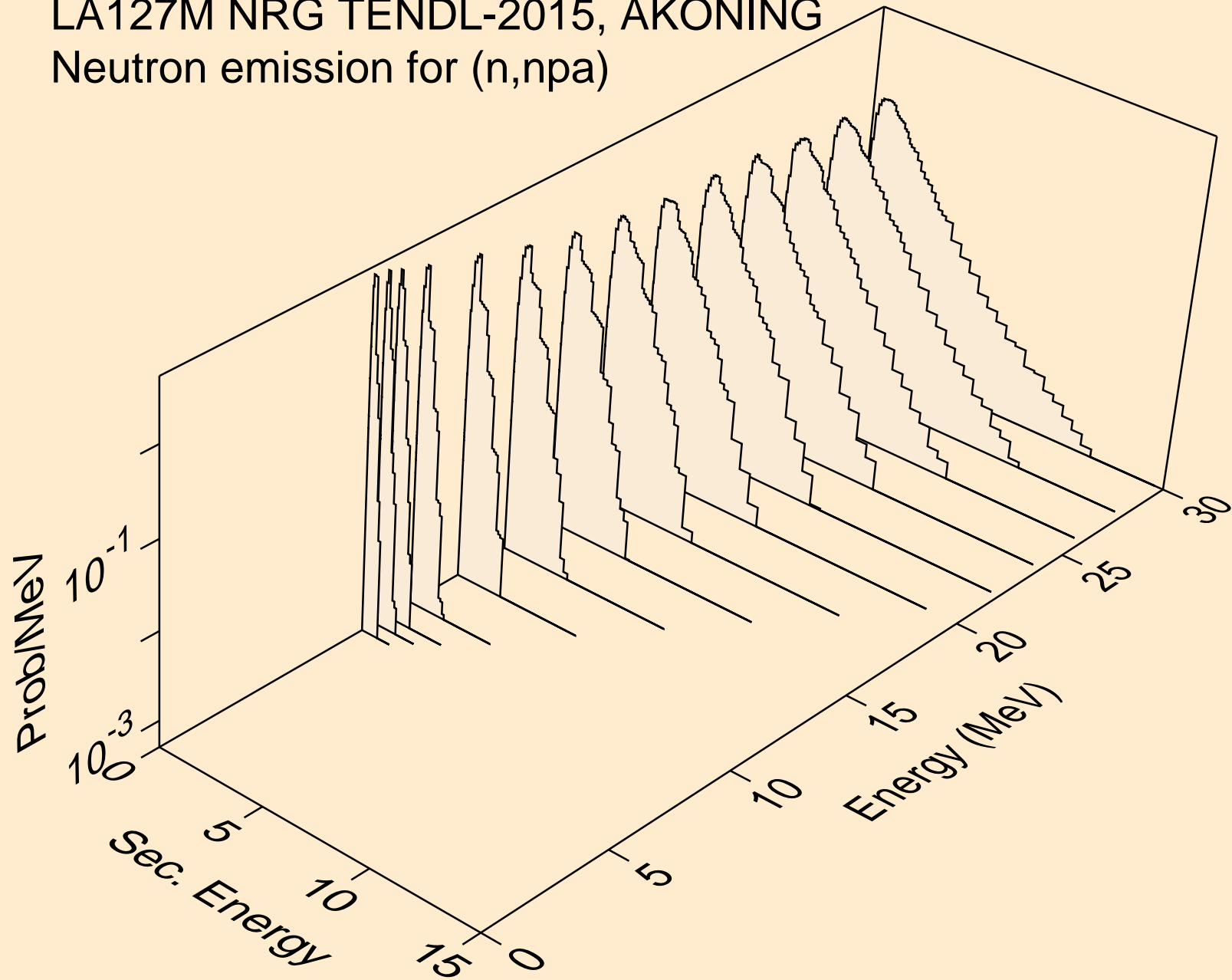
LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

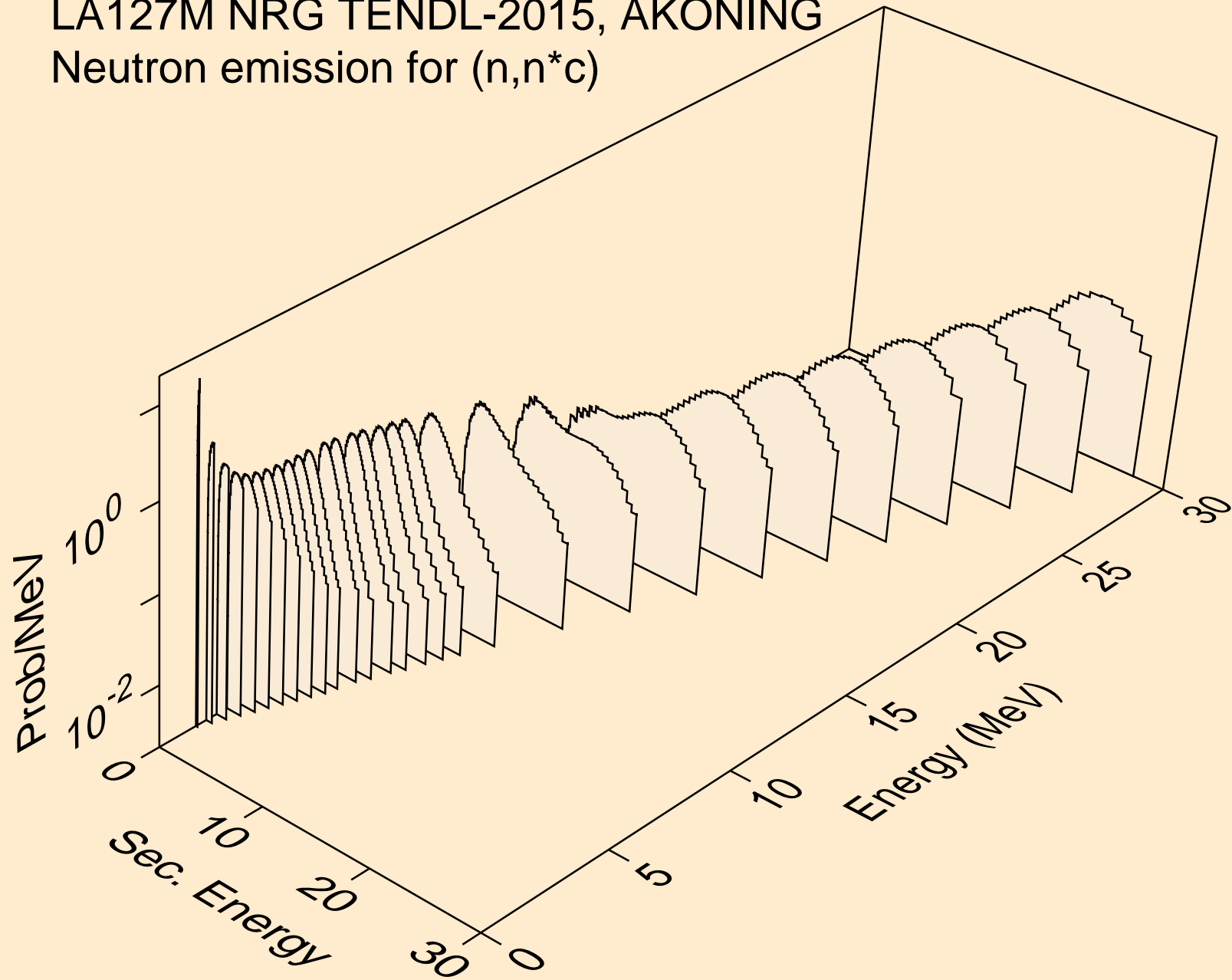


LA127M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

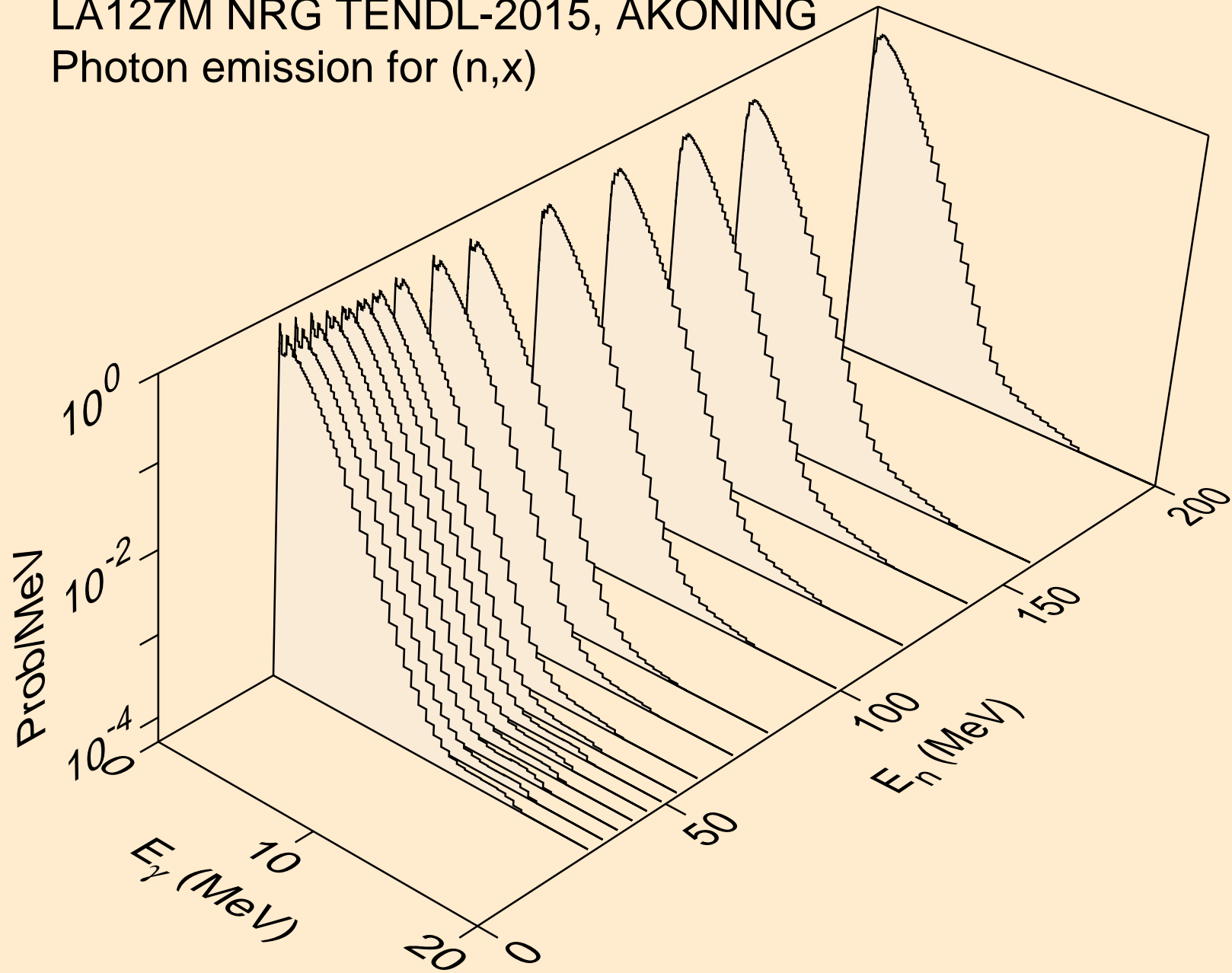




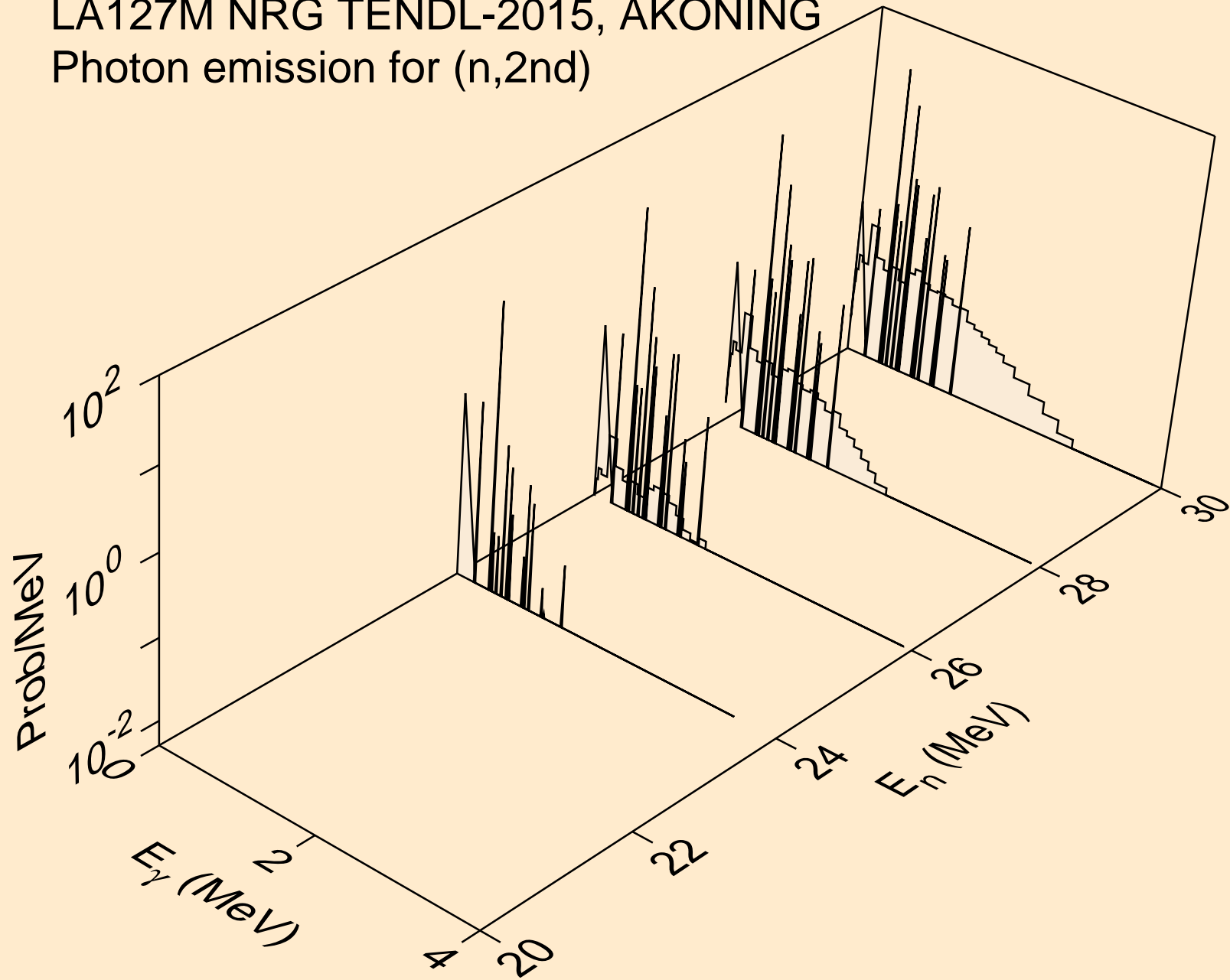
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Neutron emission for (n,n\*c)



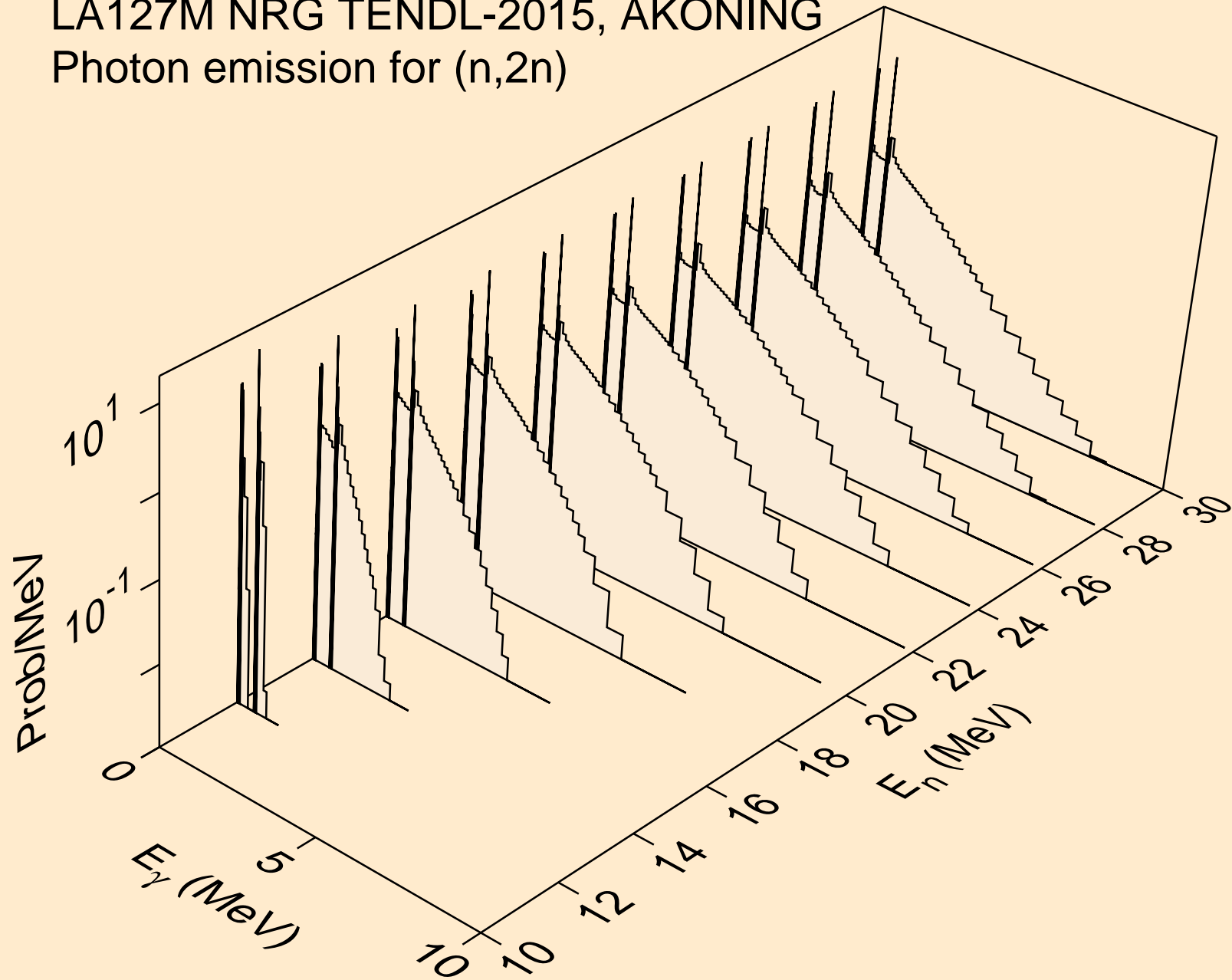
LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



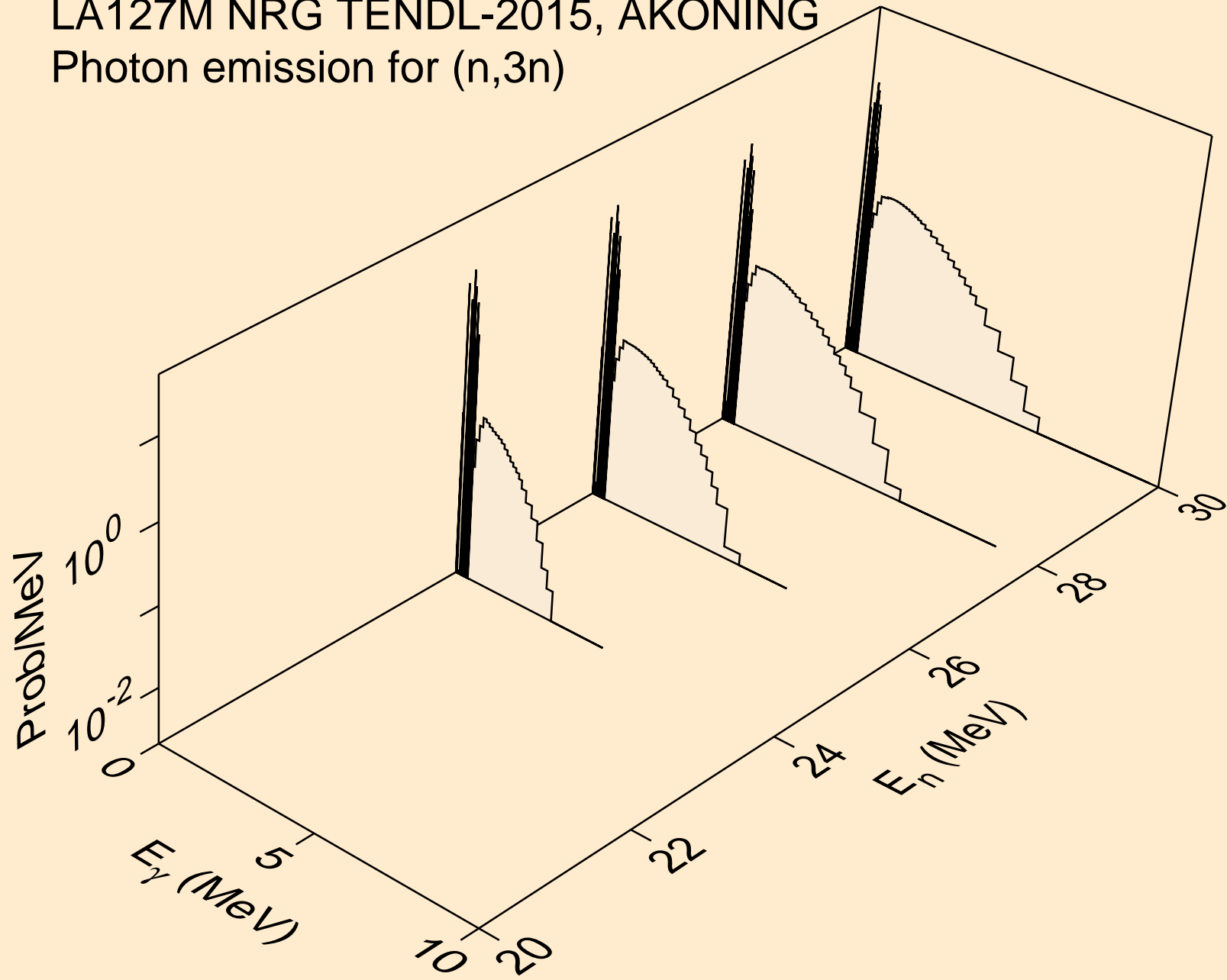
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Photon emission for (n,2nd)



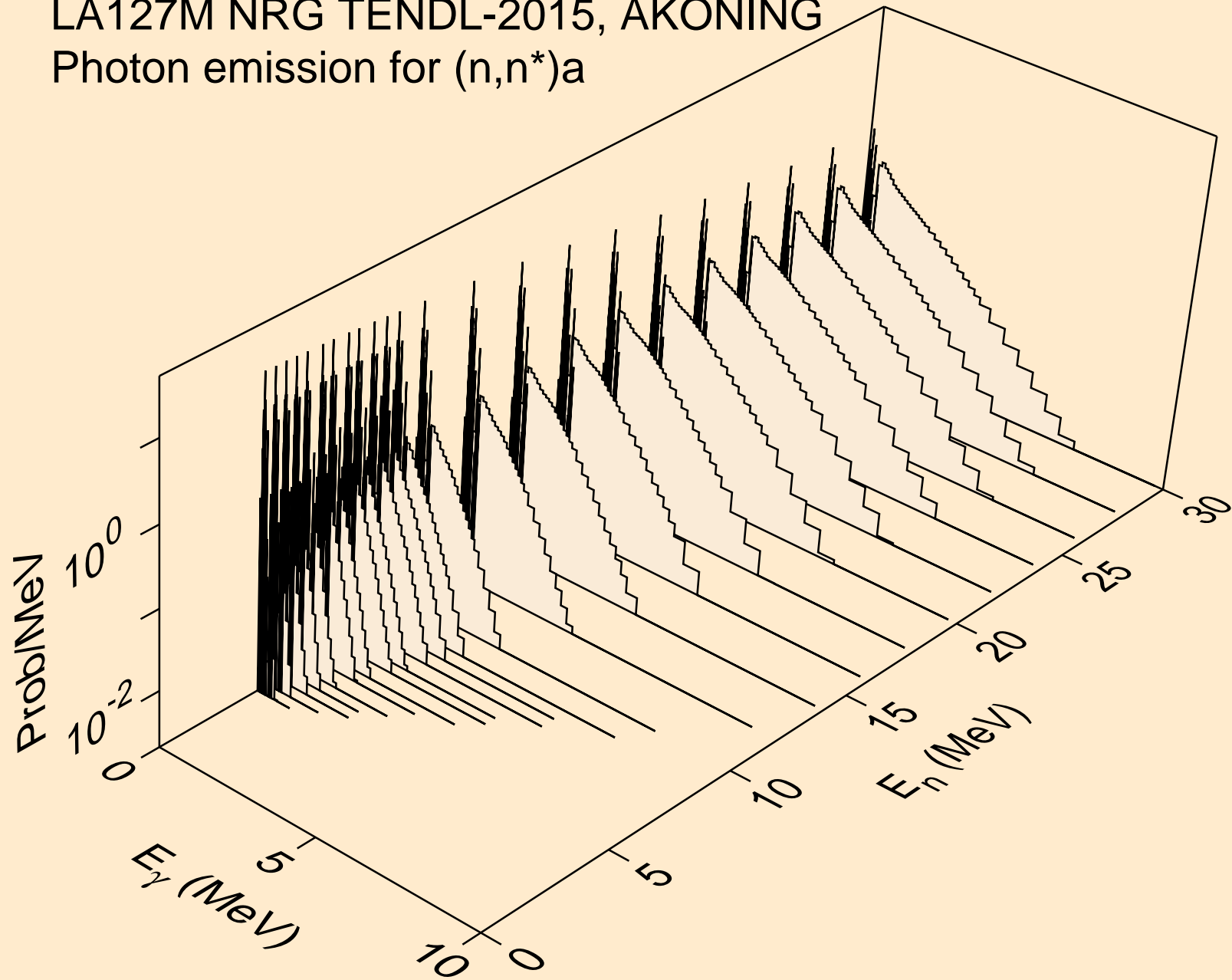
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Photon emission for (n,2n)



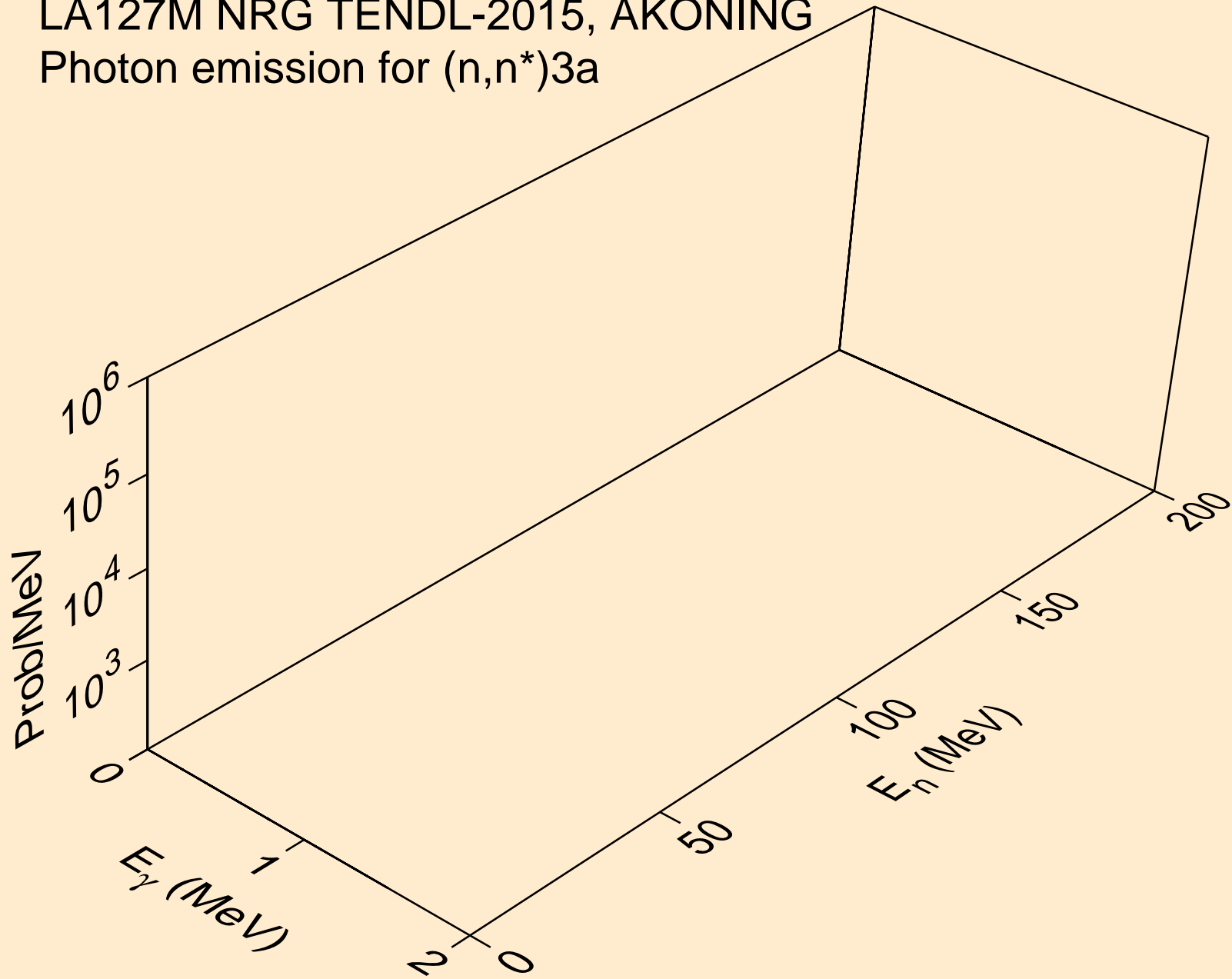
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Photon emission for (n,3n)



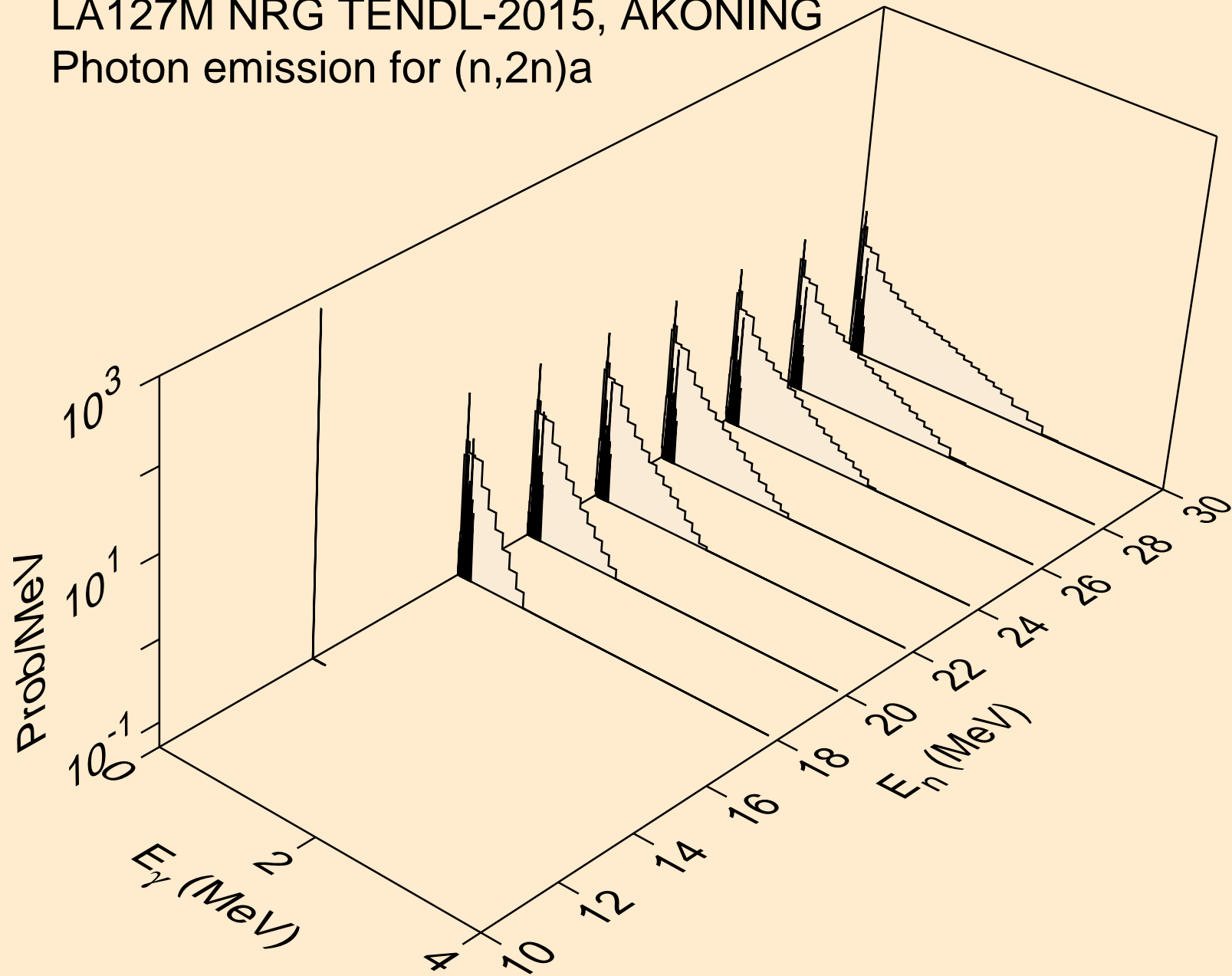
LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

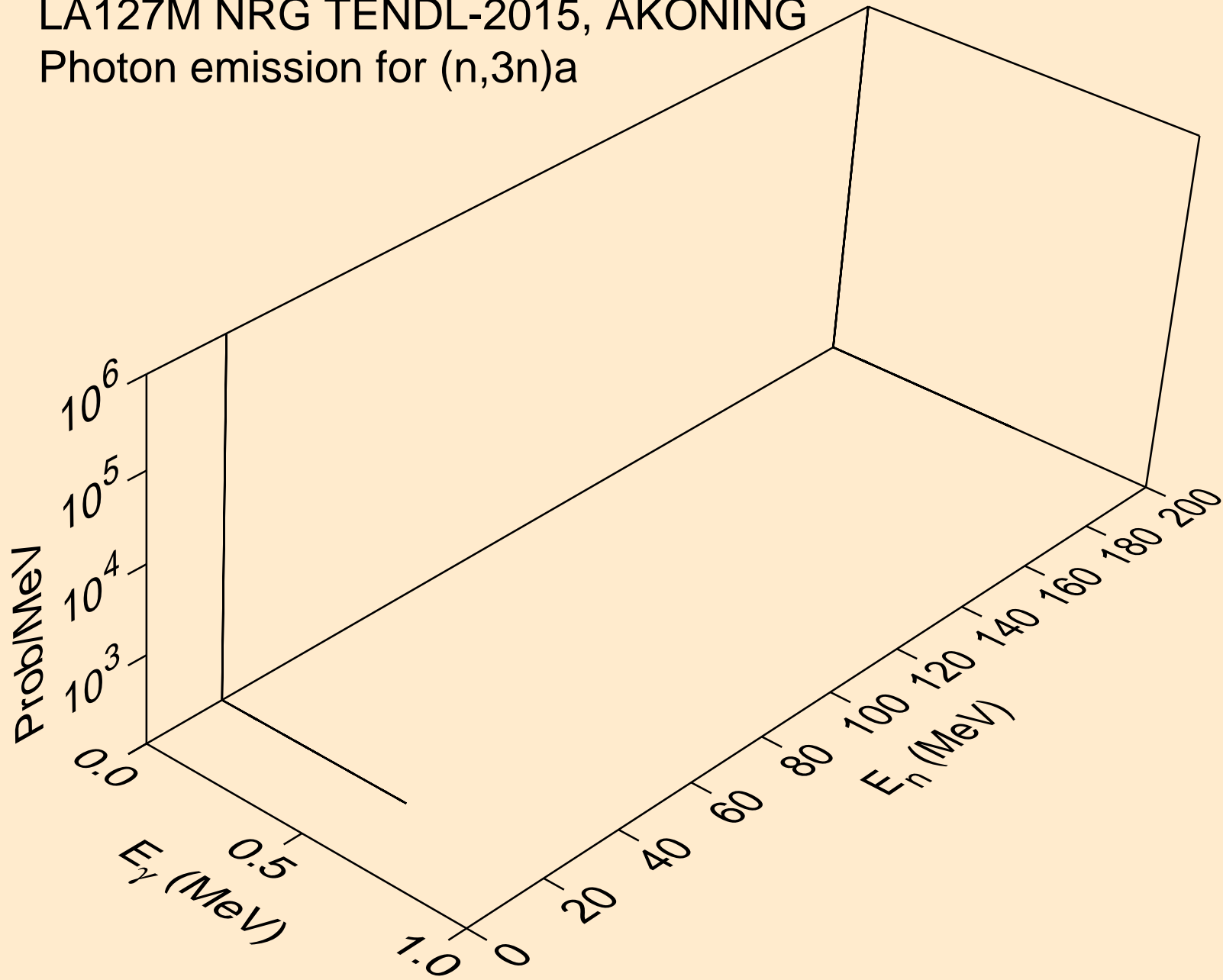


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Photon emission for (n,2n)a

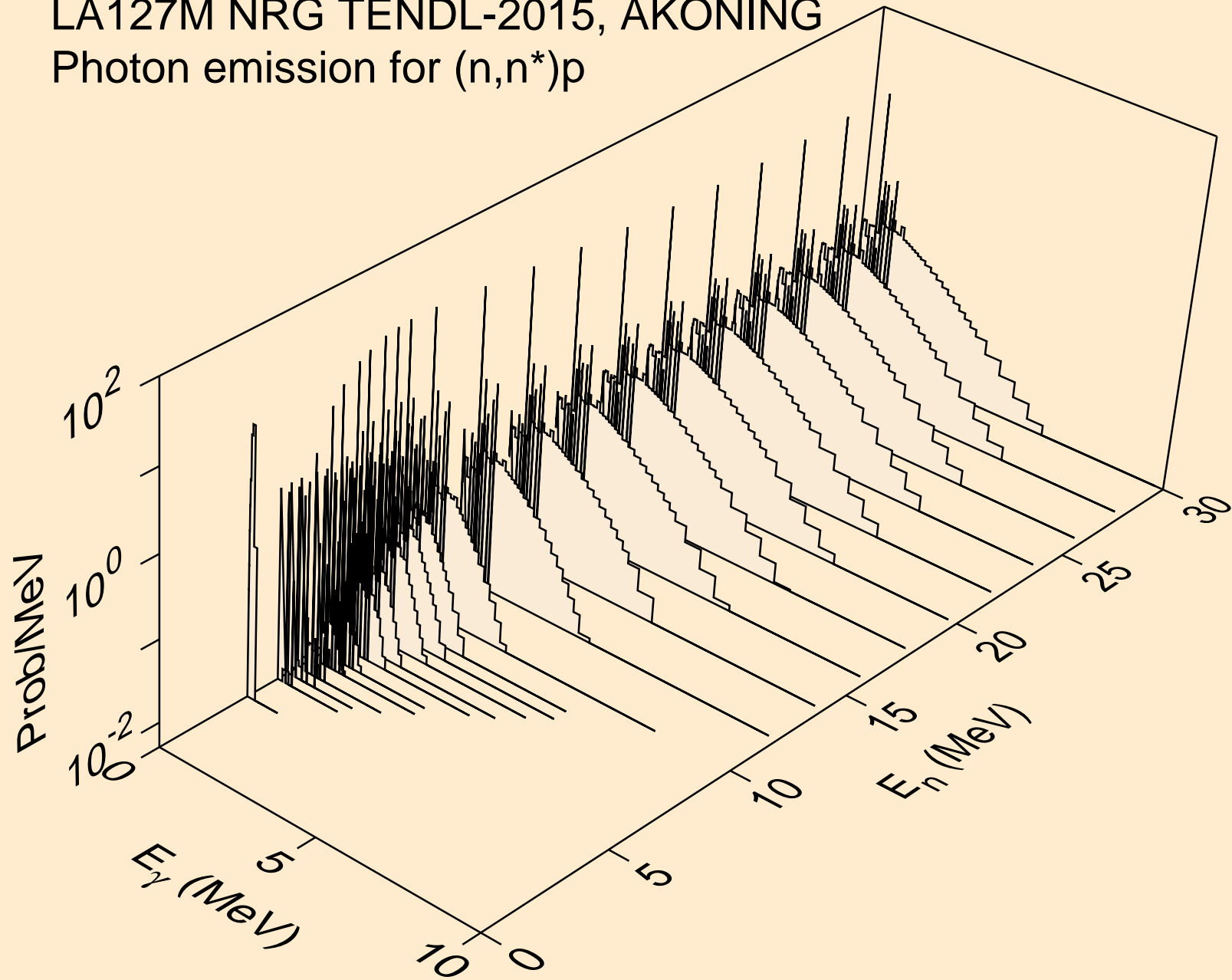




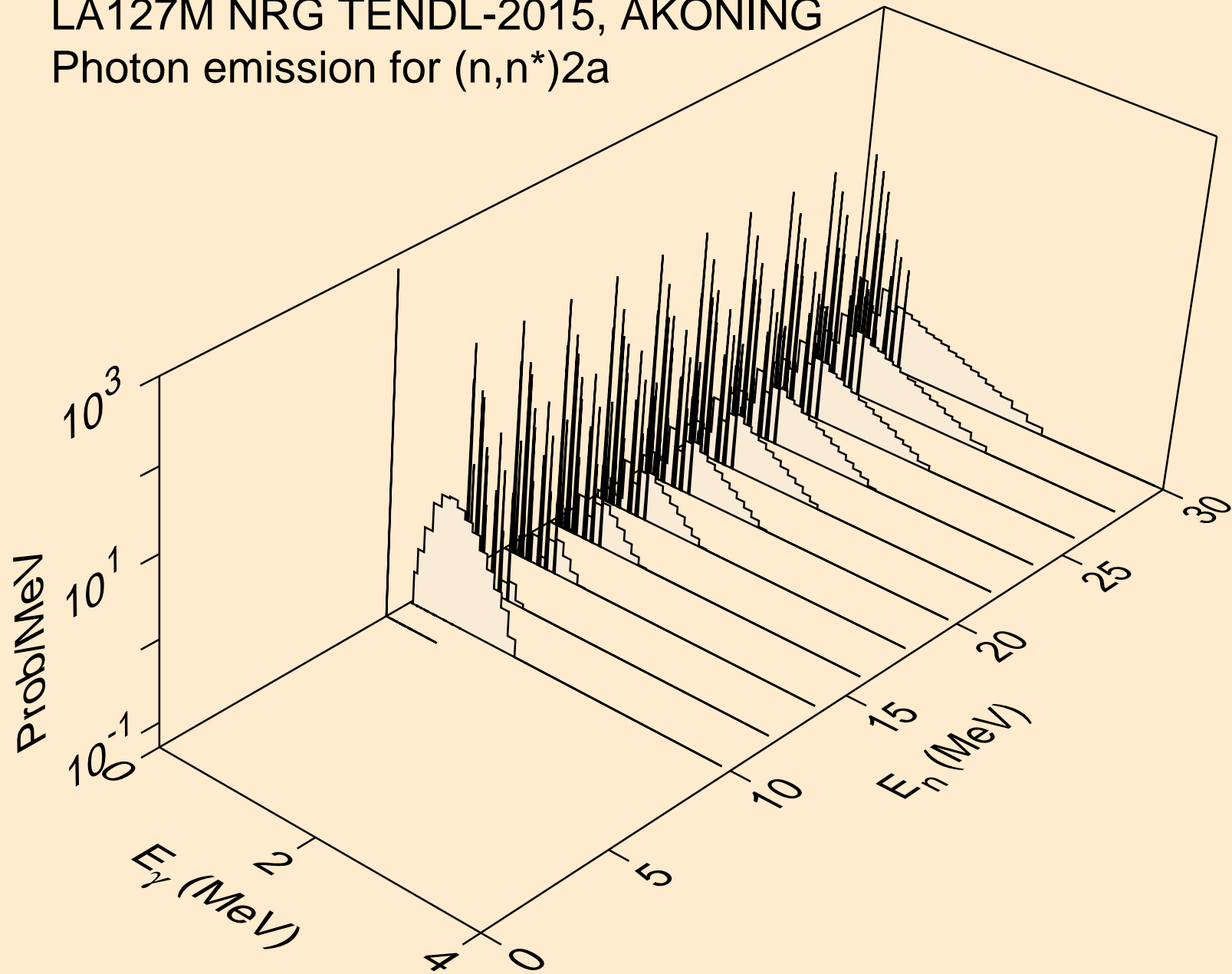
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Photon emission for (n,3n)a



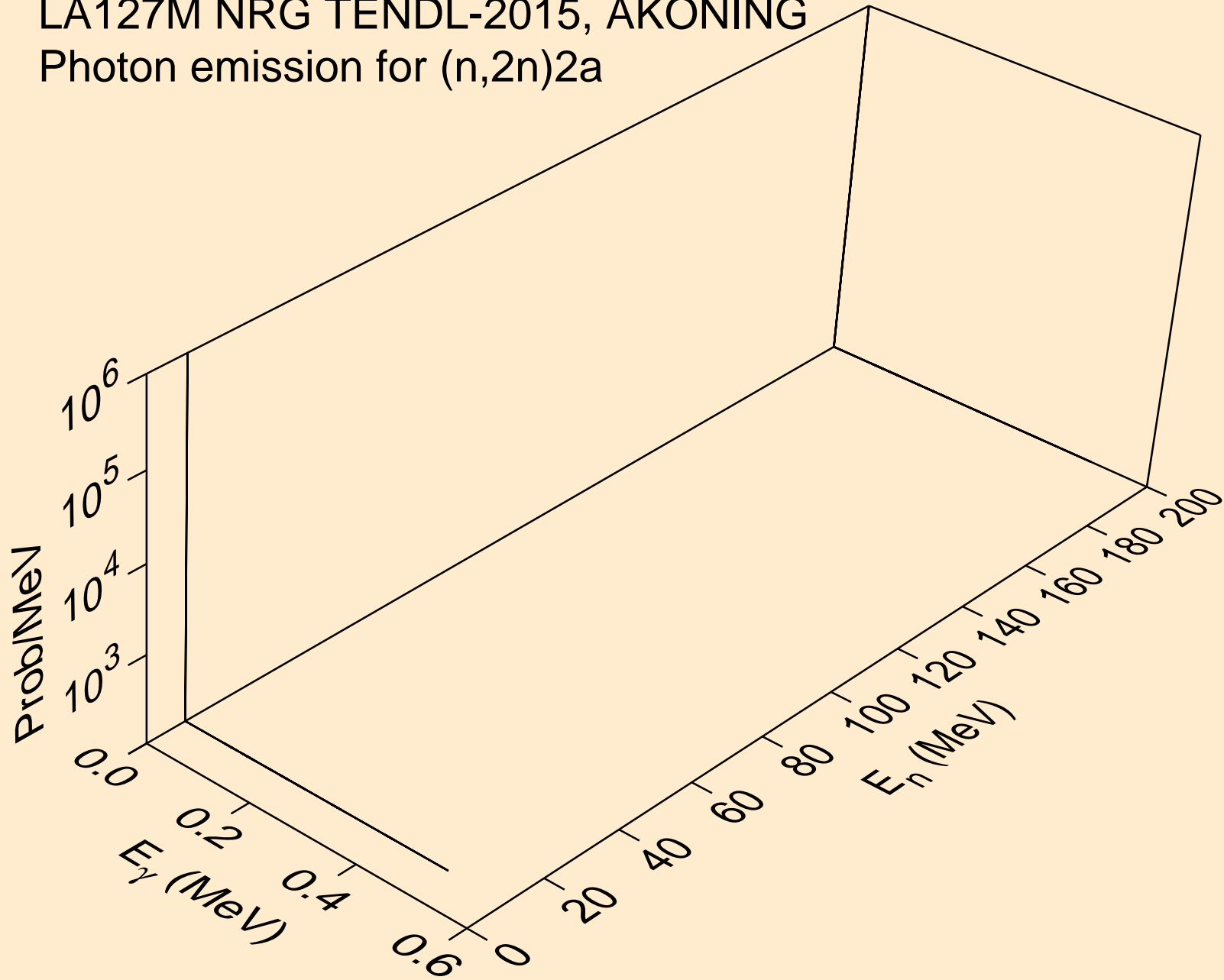
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Photon emission for (n,n\*)p



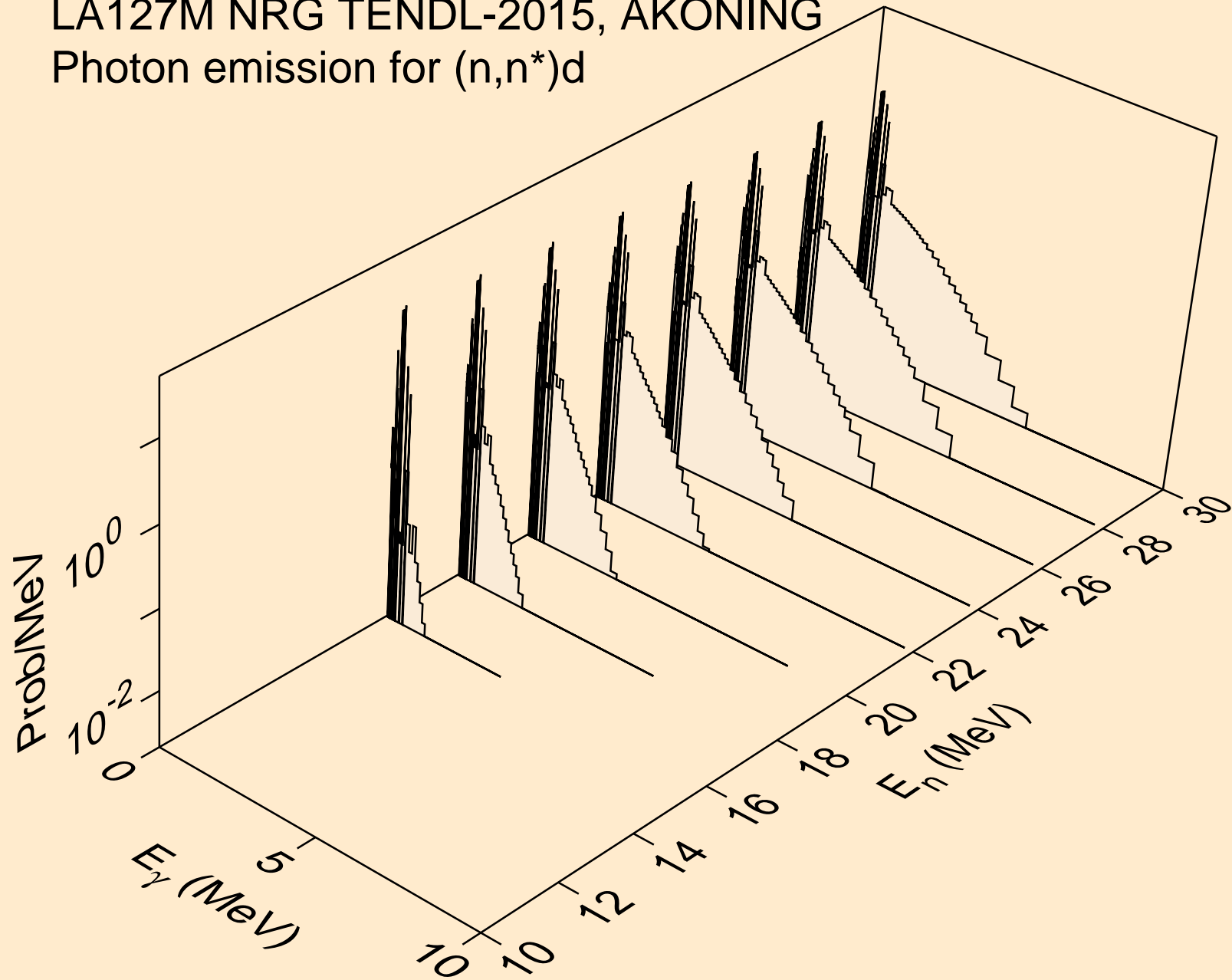
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Photon emission for (n,n\*)2a



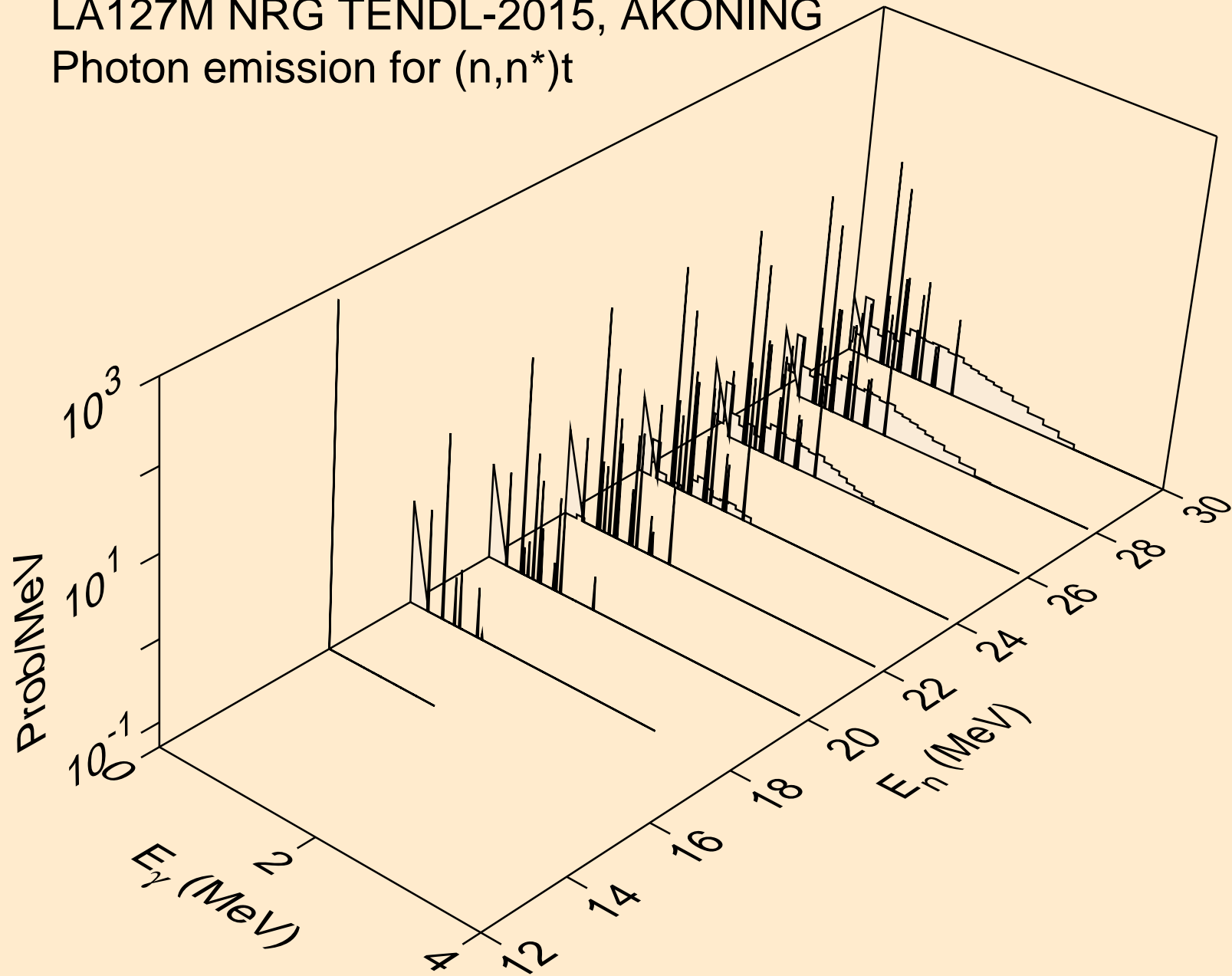
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Photon emission for (n,2n)2a



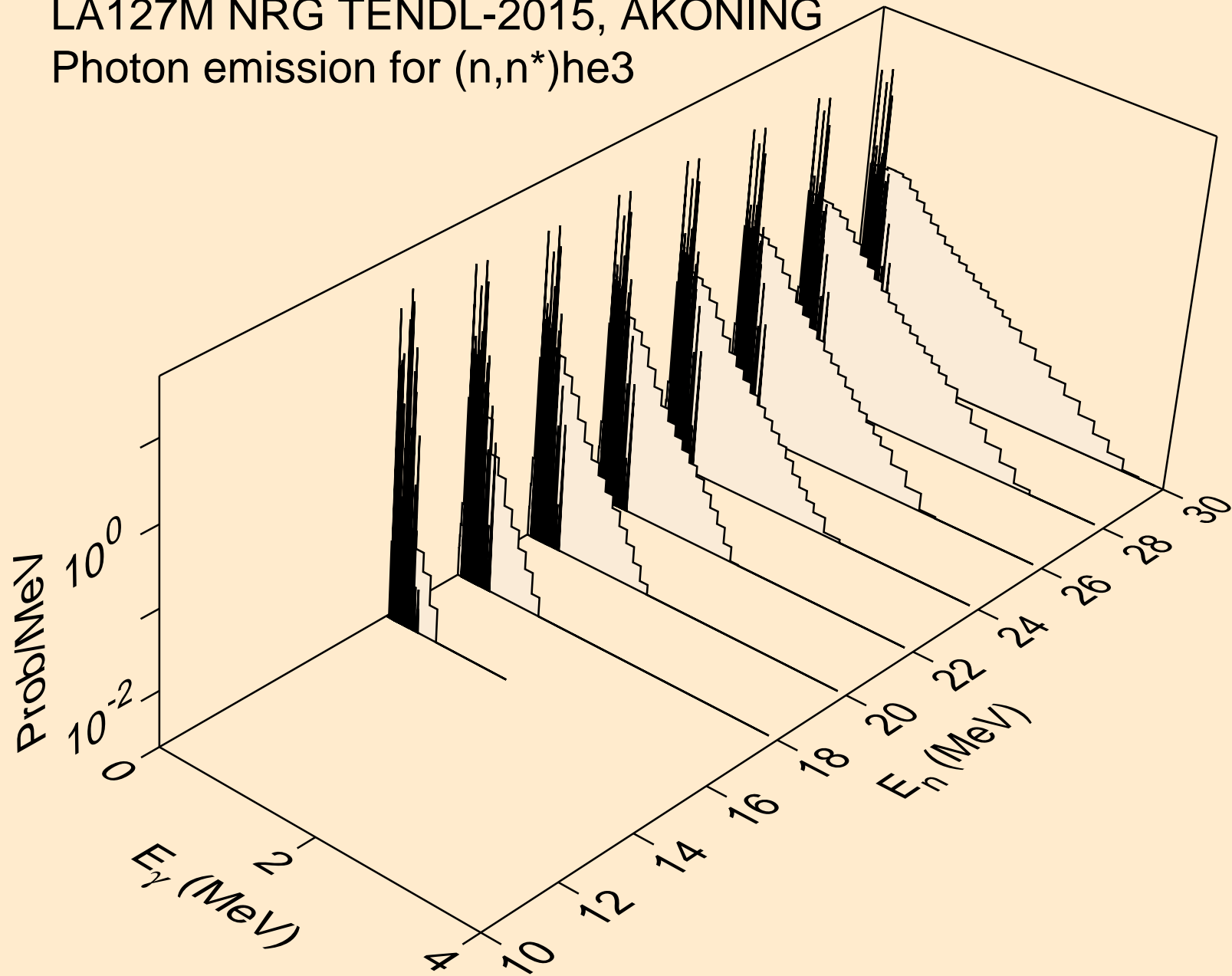
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Photon emission for (n,n\*)d



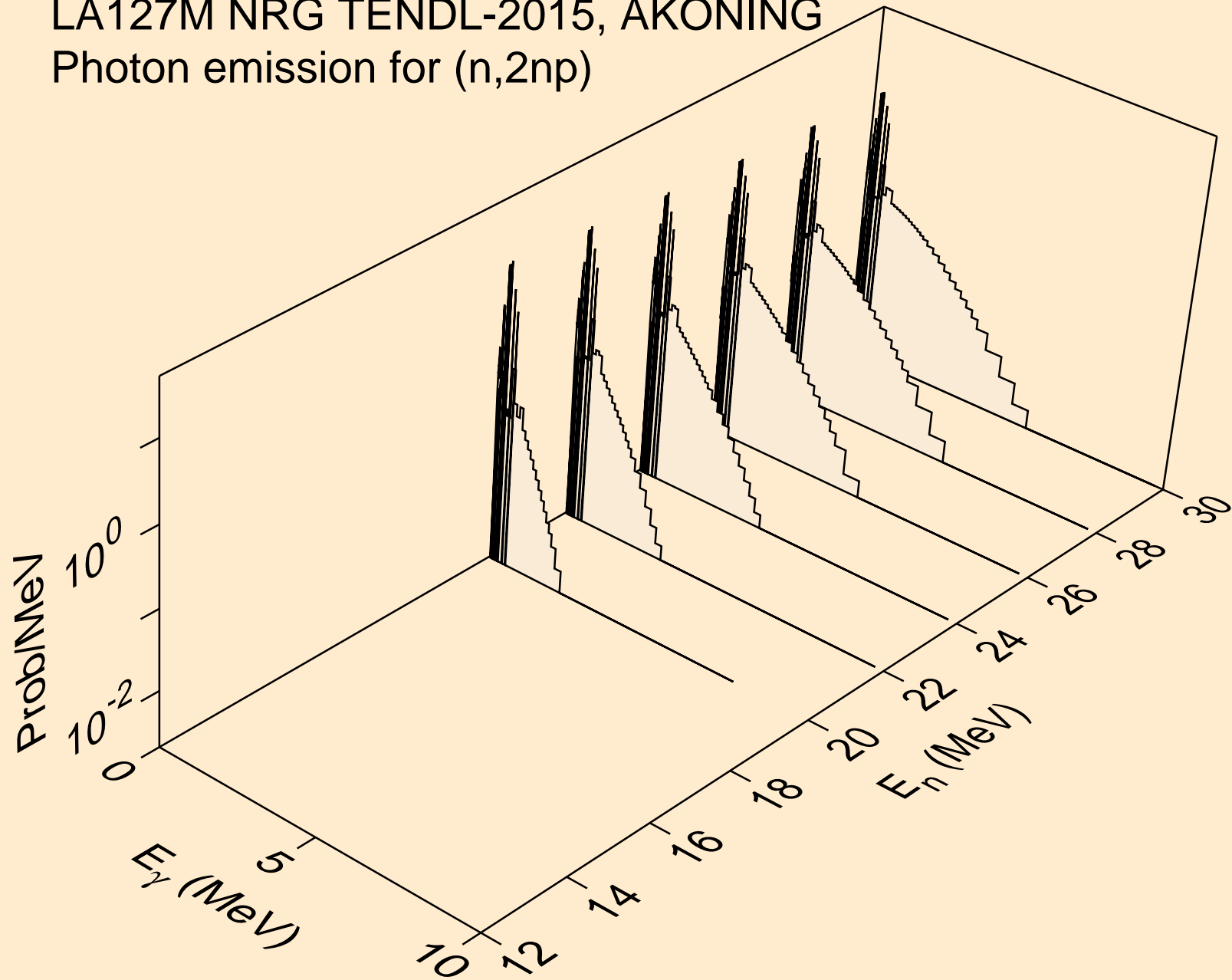
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Photon emission for (n,n\*)t



LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

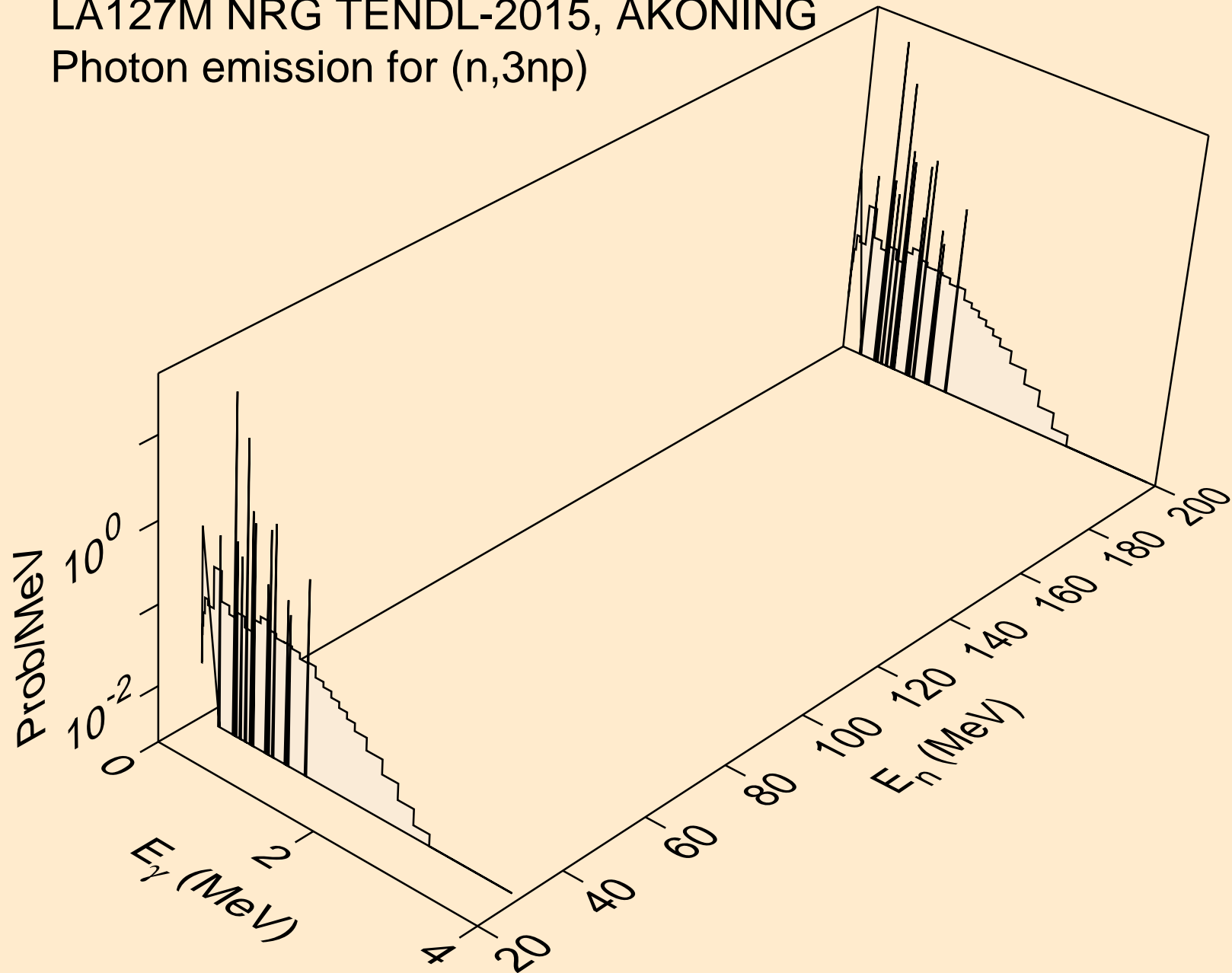


LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

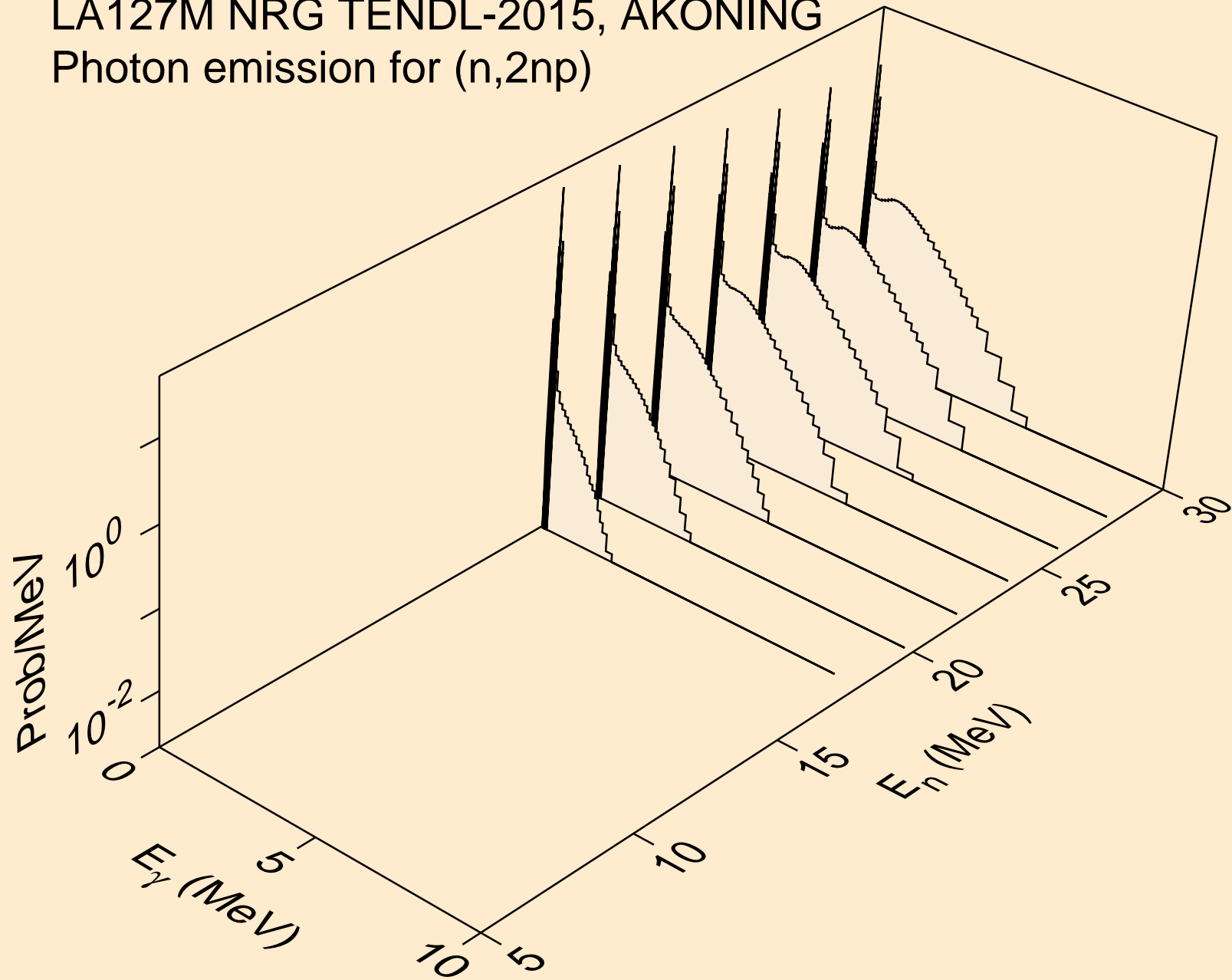




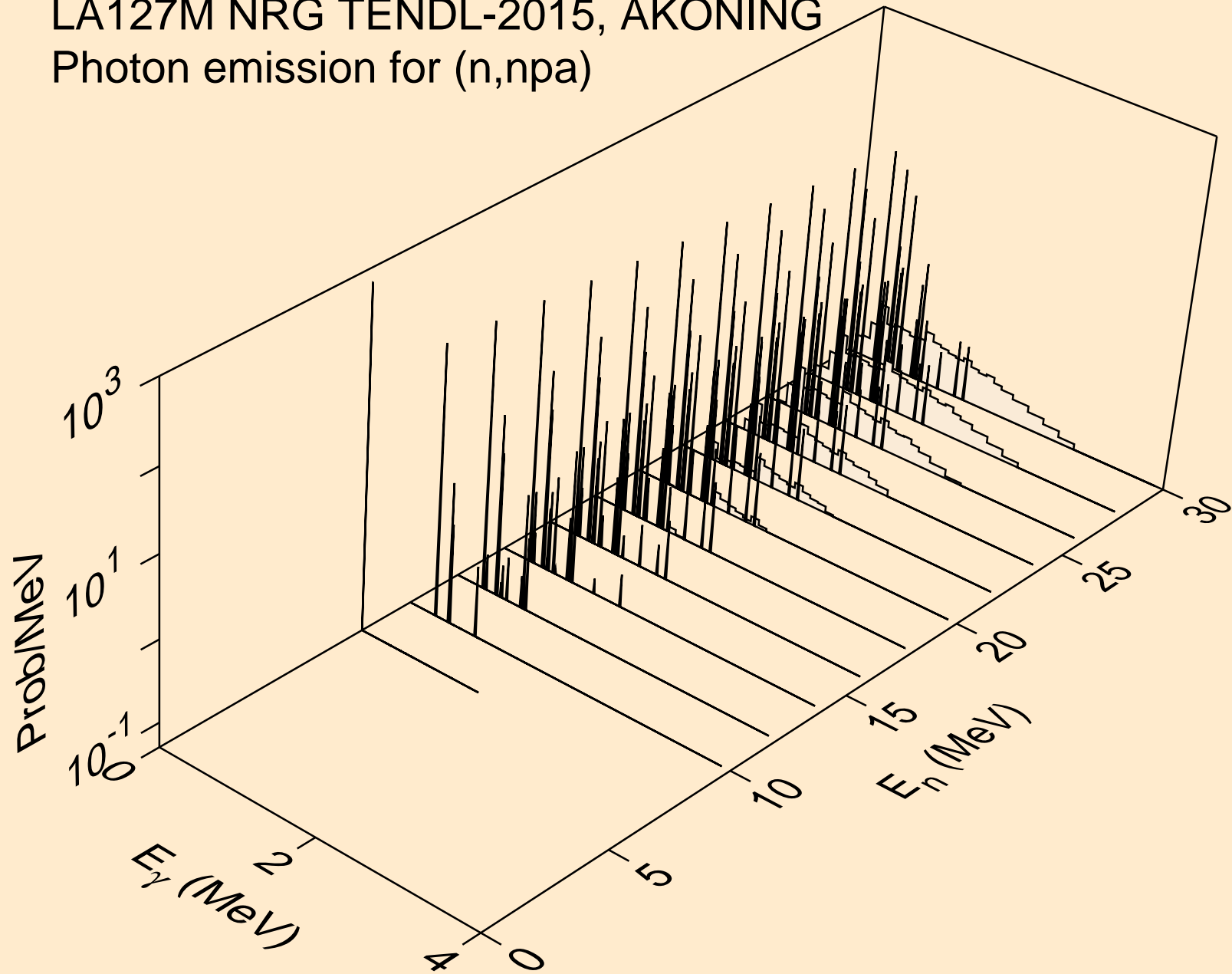
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Photon emission for (n,3np)



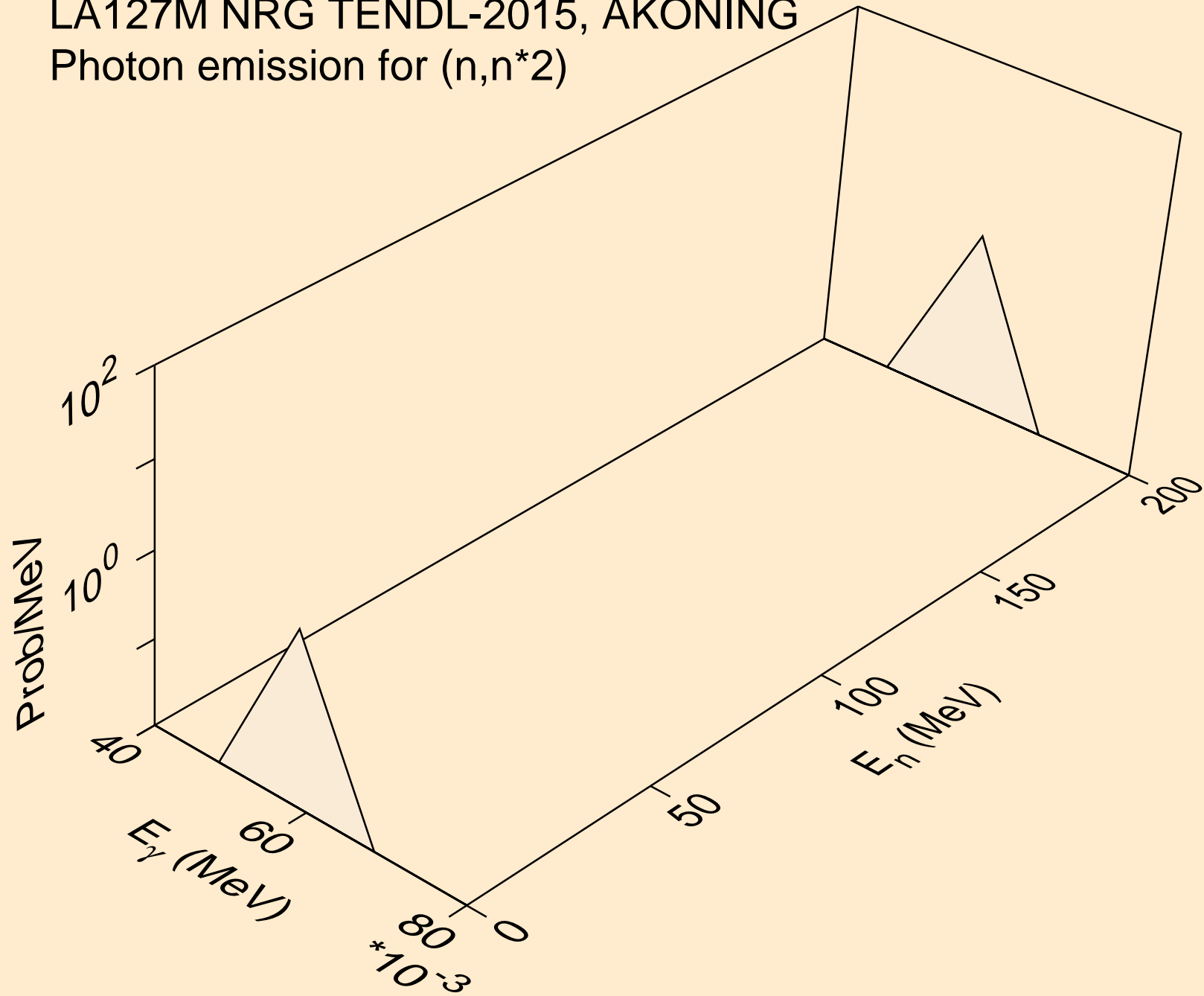
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Photon emission for (n,2np)



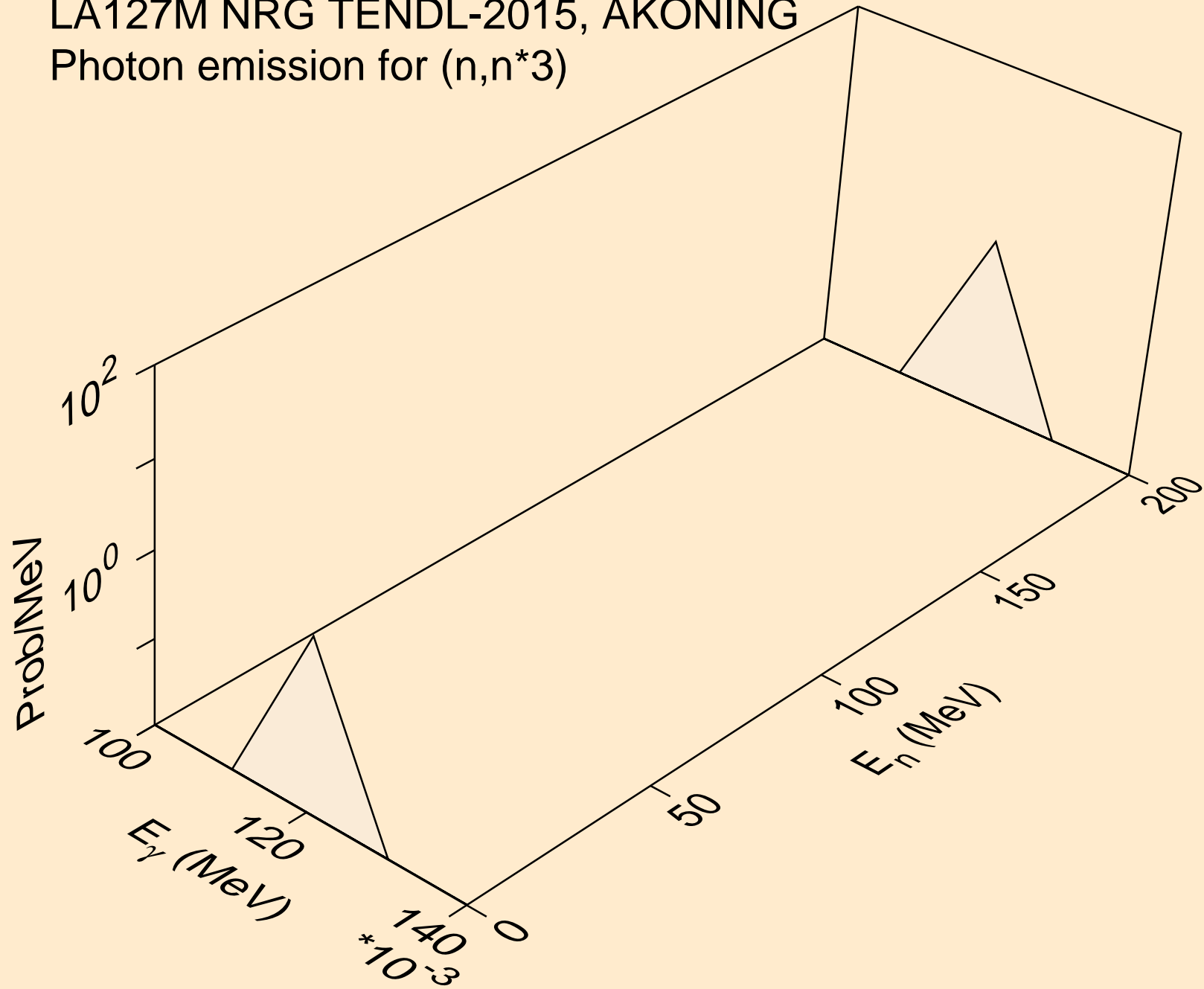
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Photon emission for (n,npa)



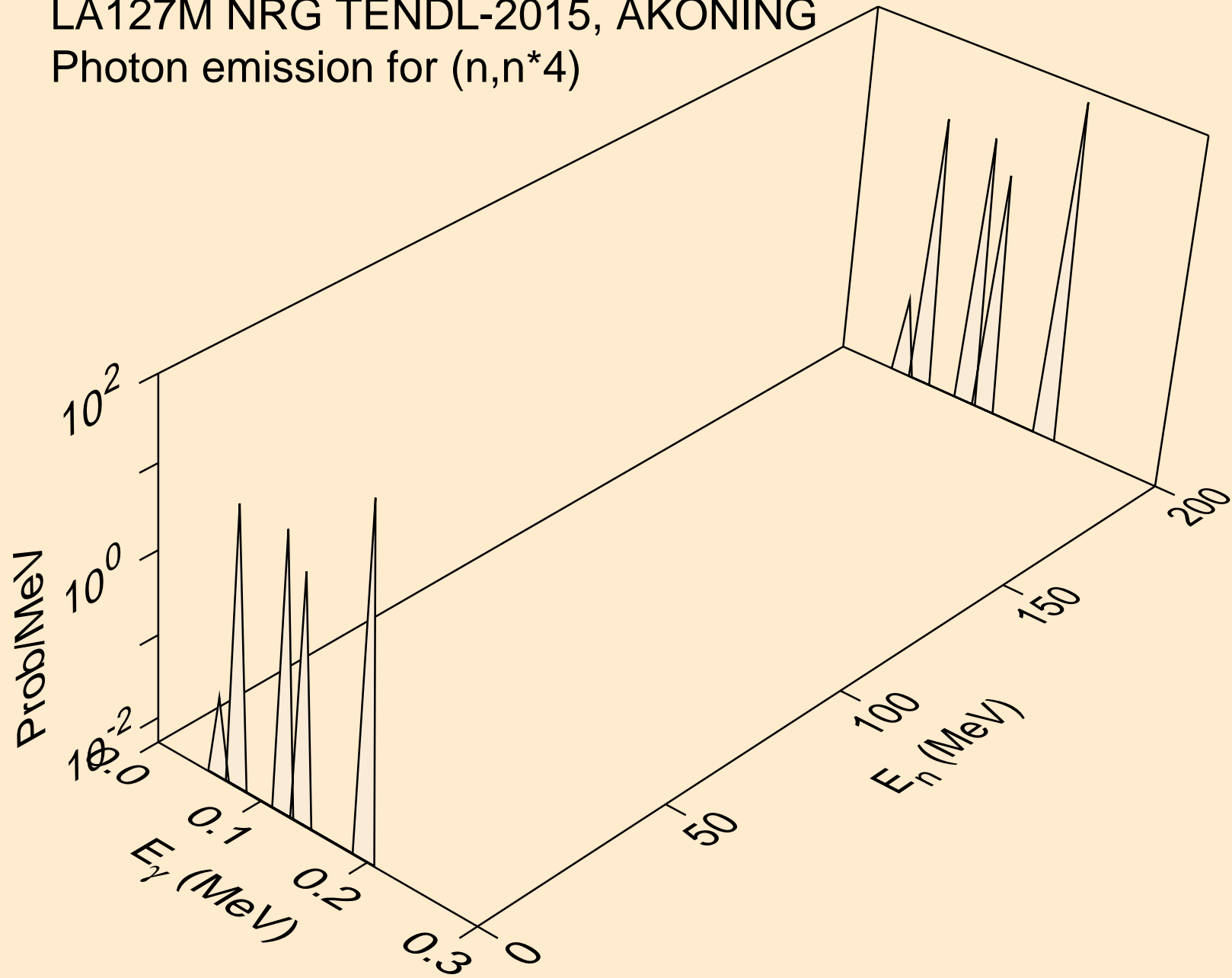
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Photon emission for (n,n\*2)



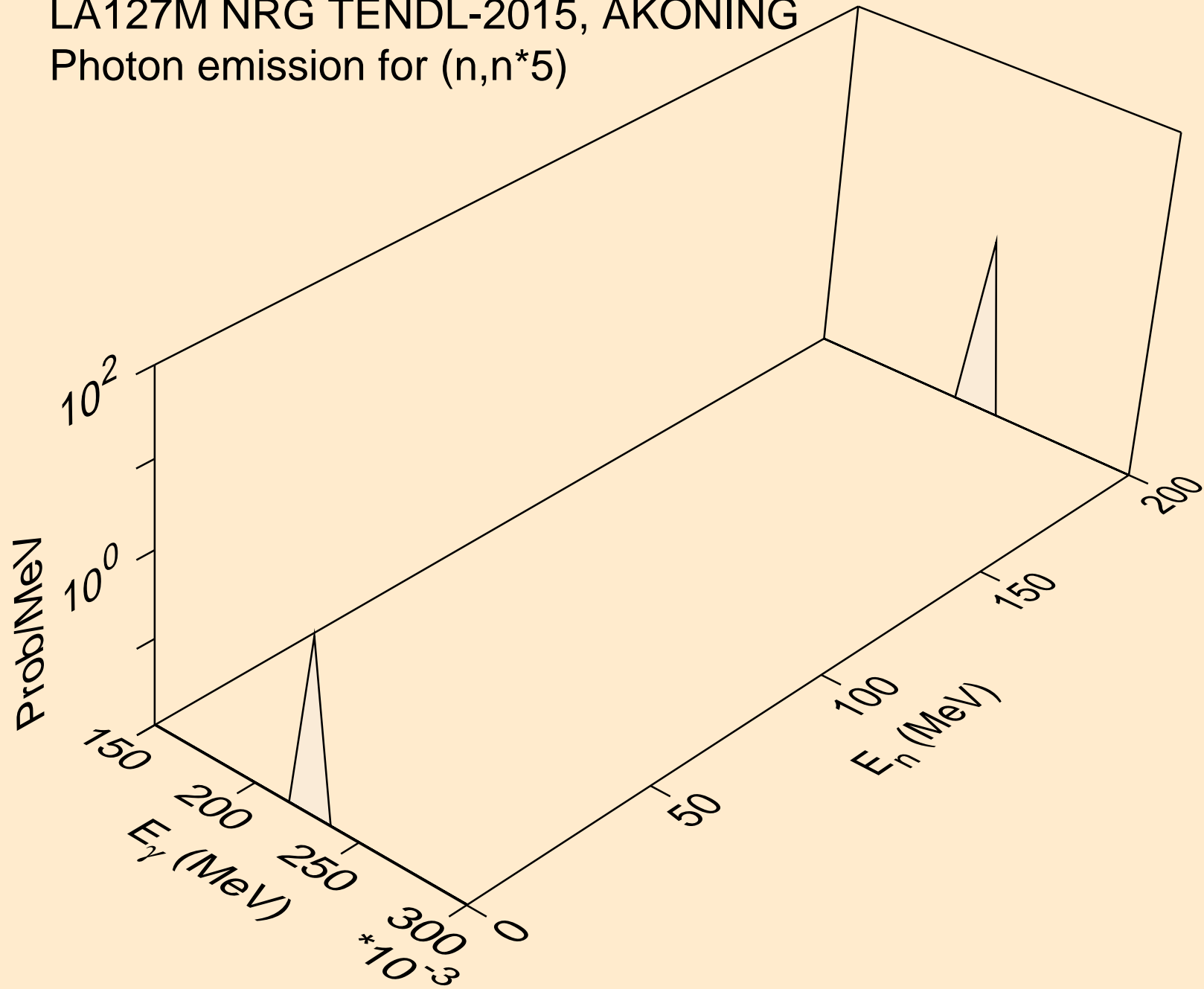
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Photon emission for (n,n\*3)



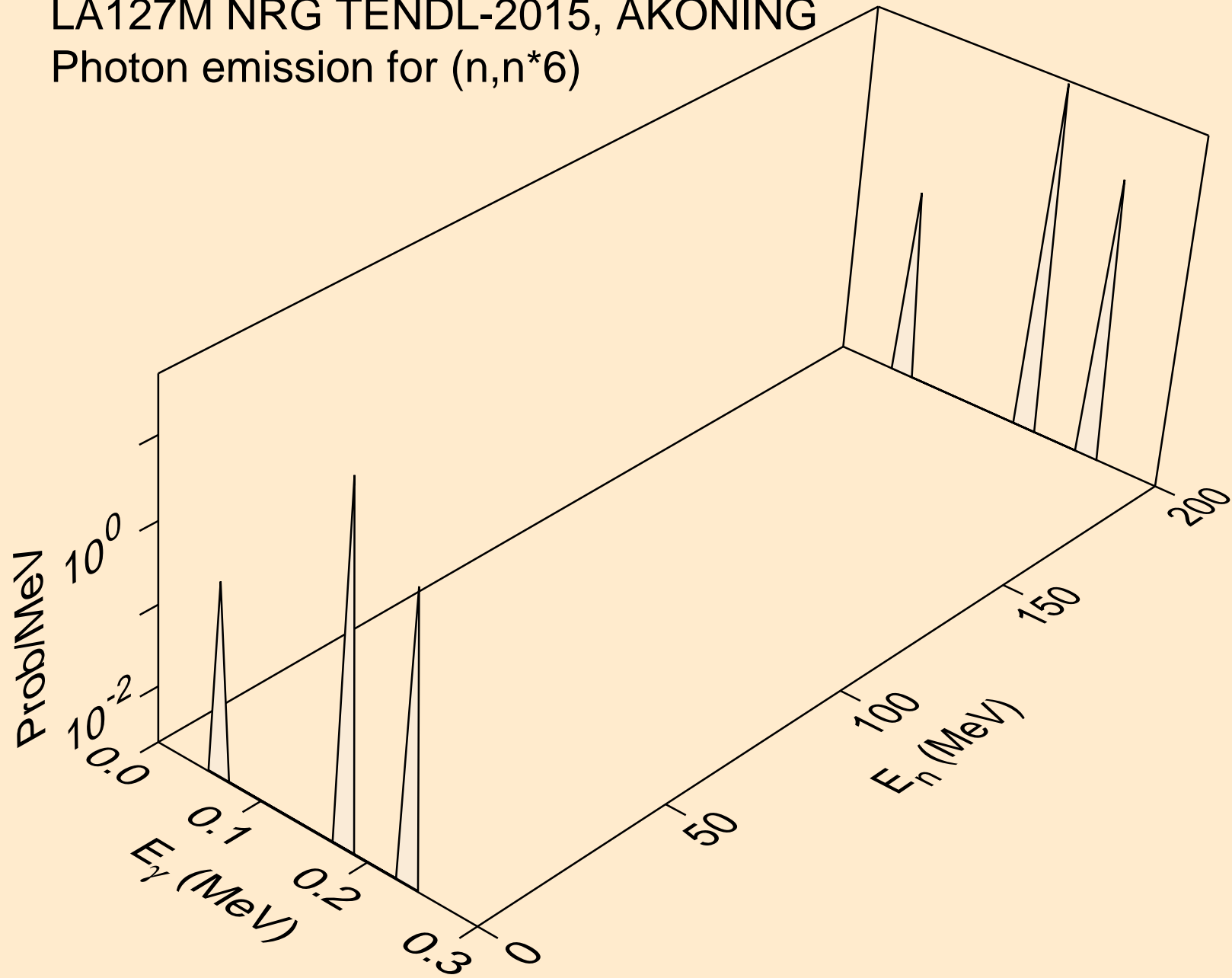
LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)

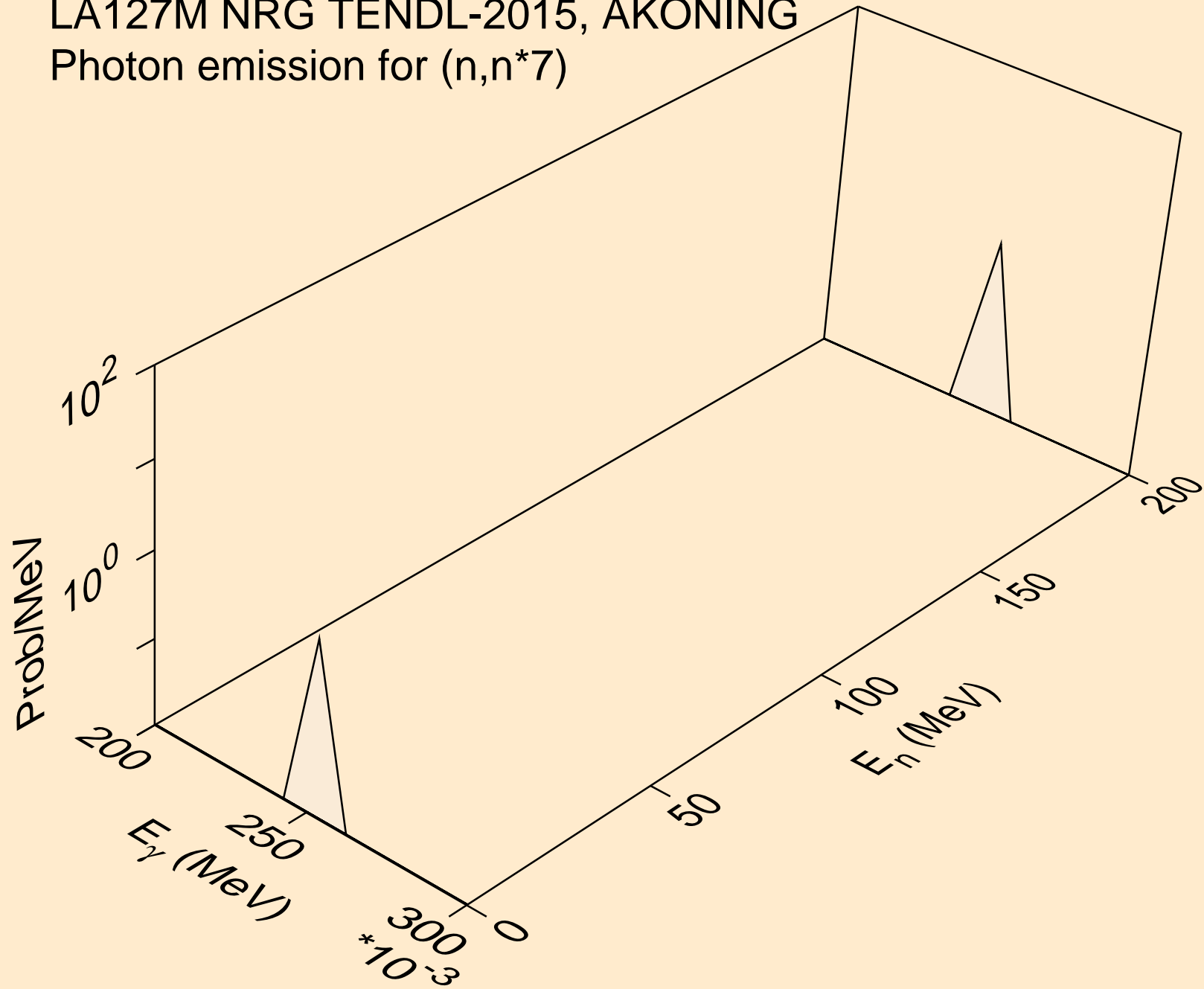


LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)

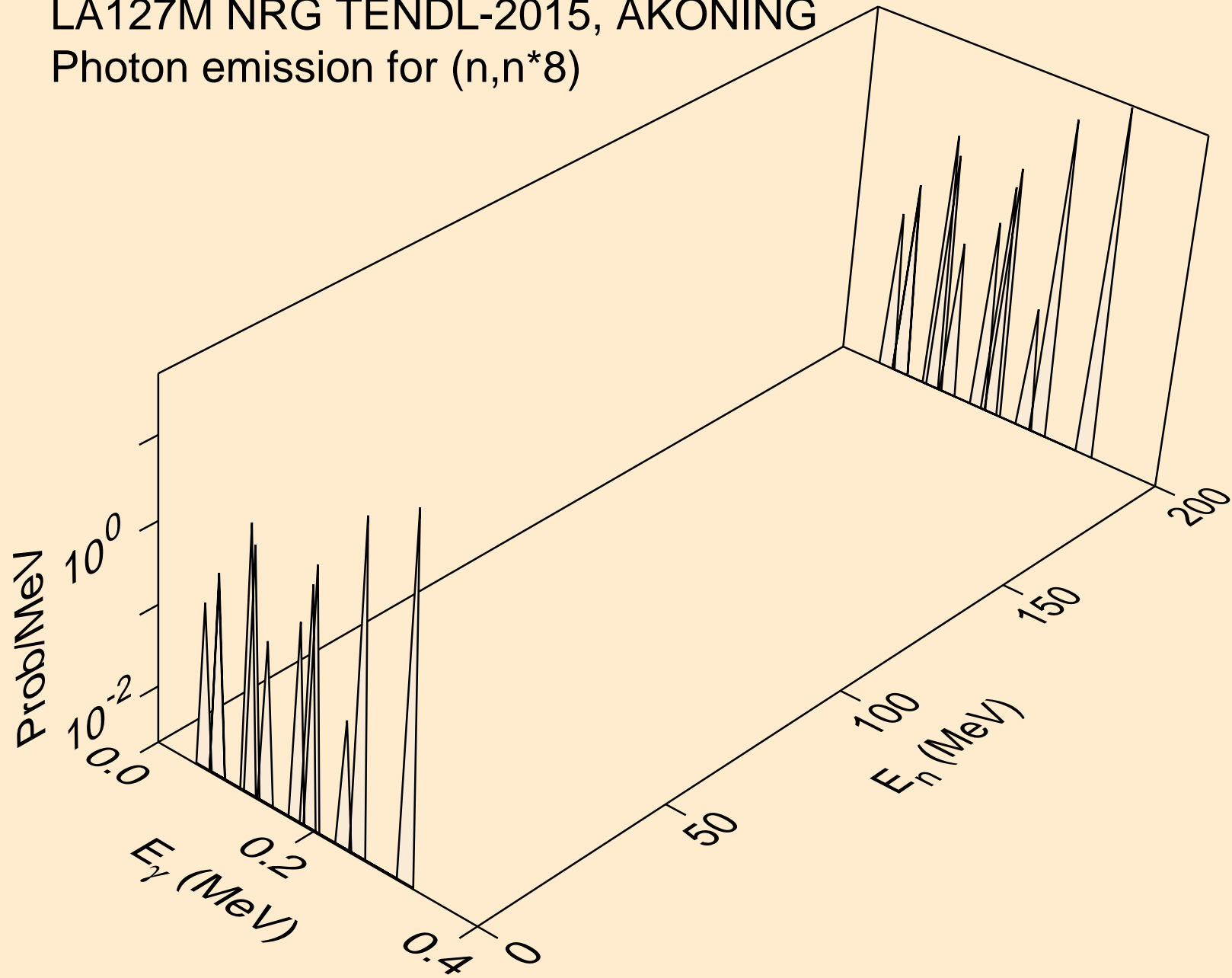




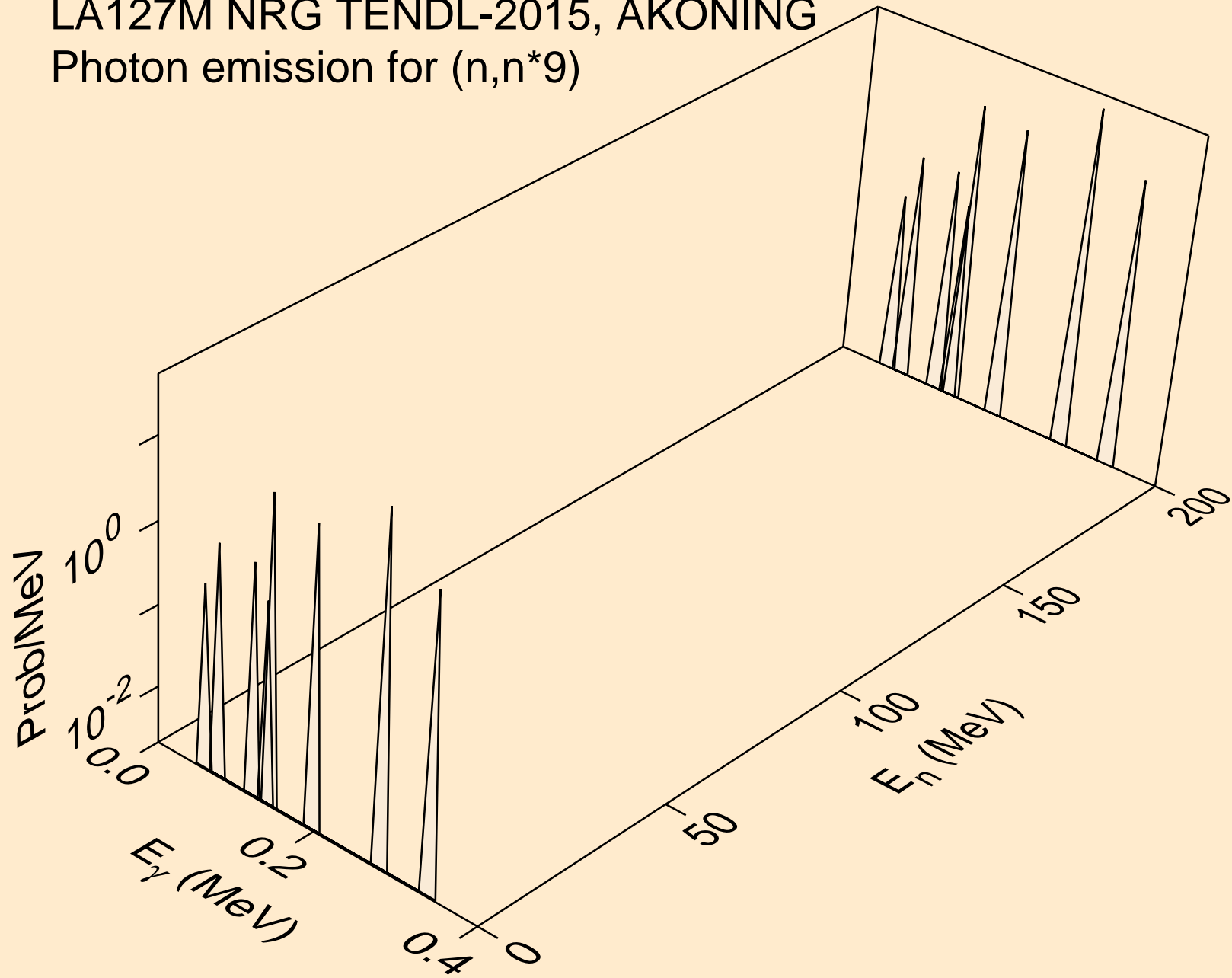
LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



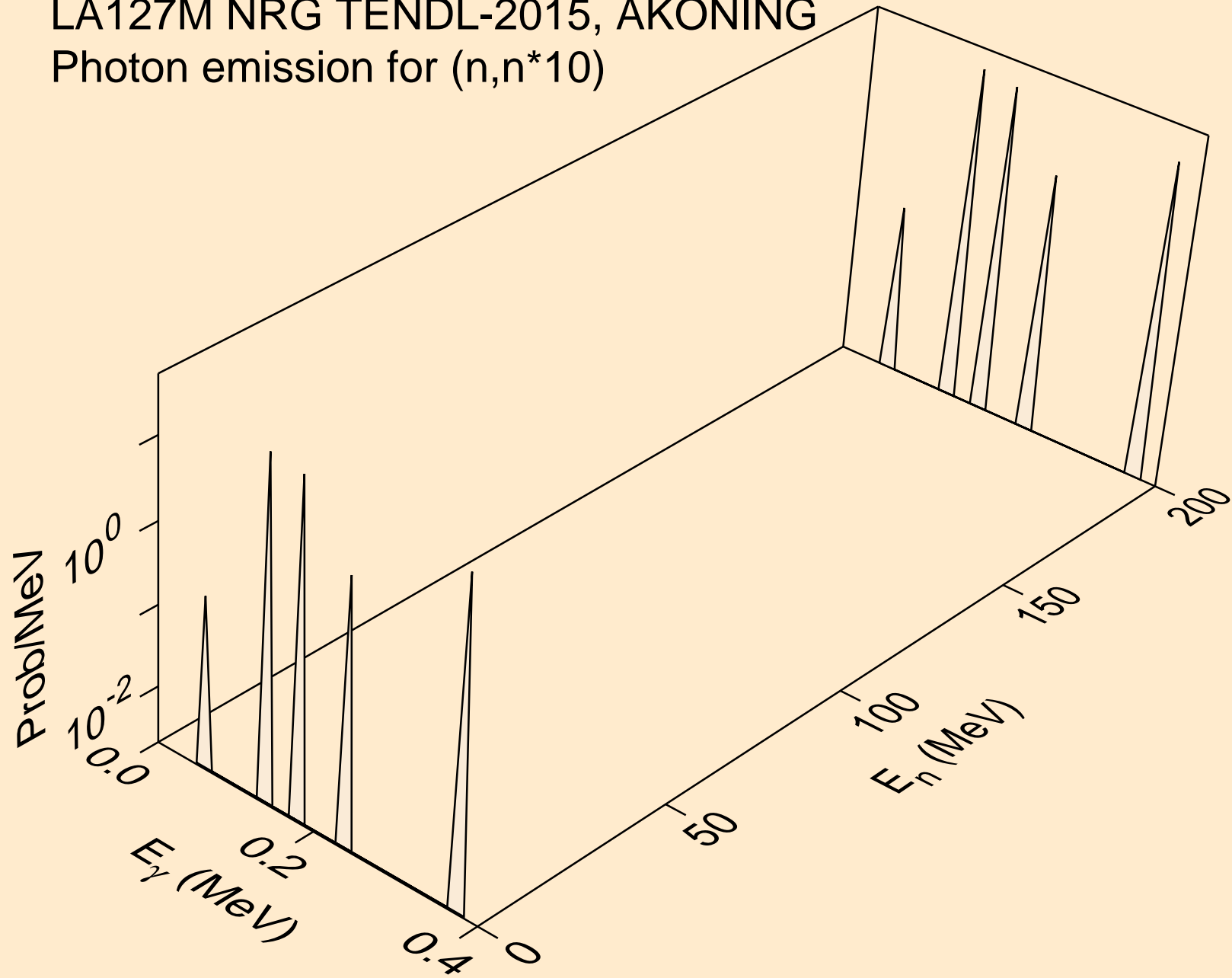
LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



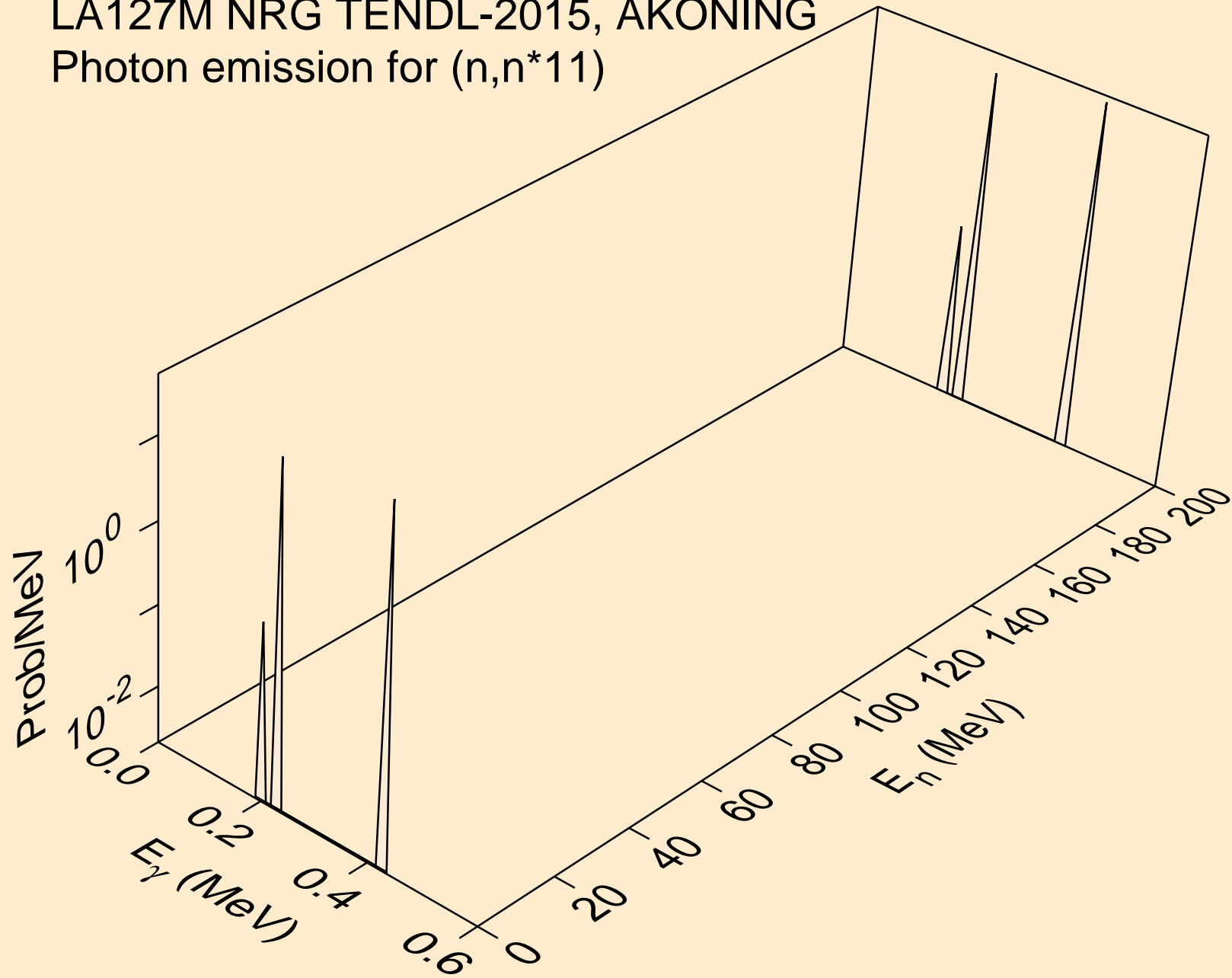
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Photon emission for (n,n\*9)



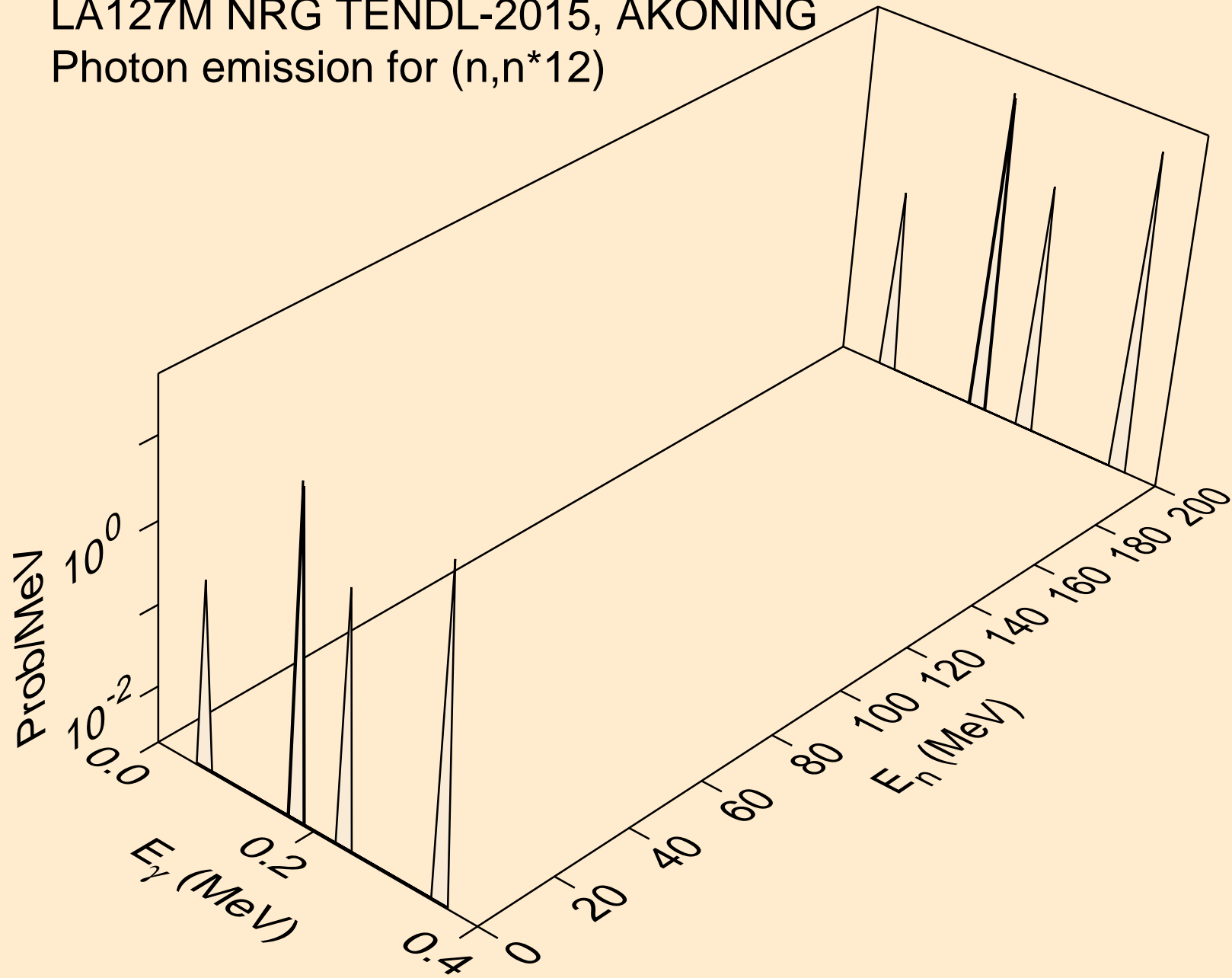
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Photon emission for (n,n\*10)



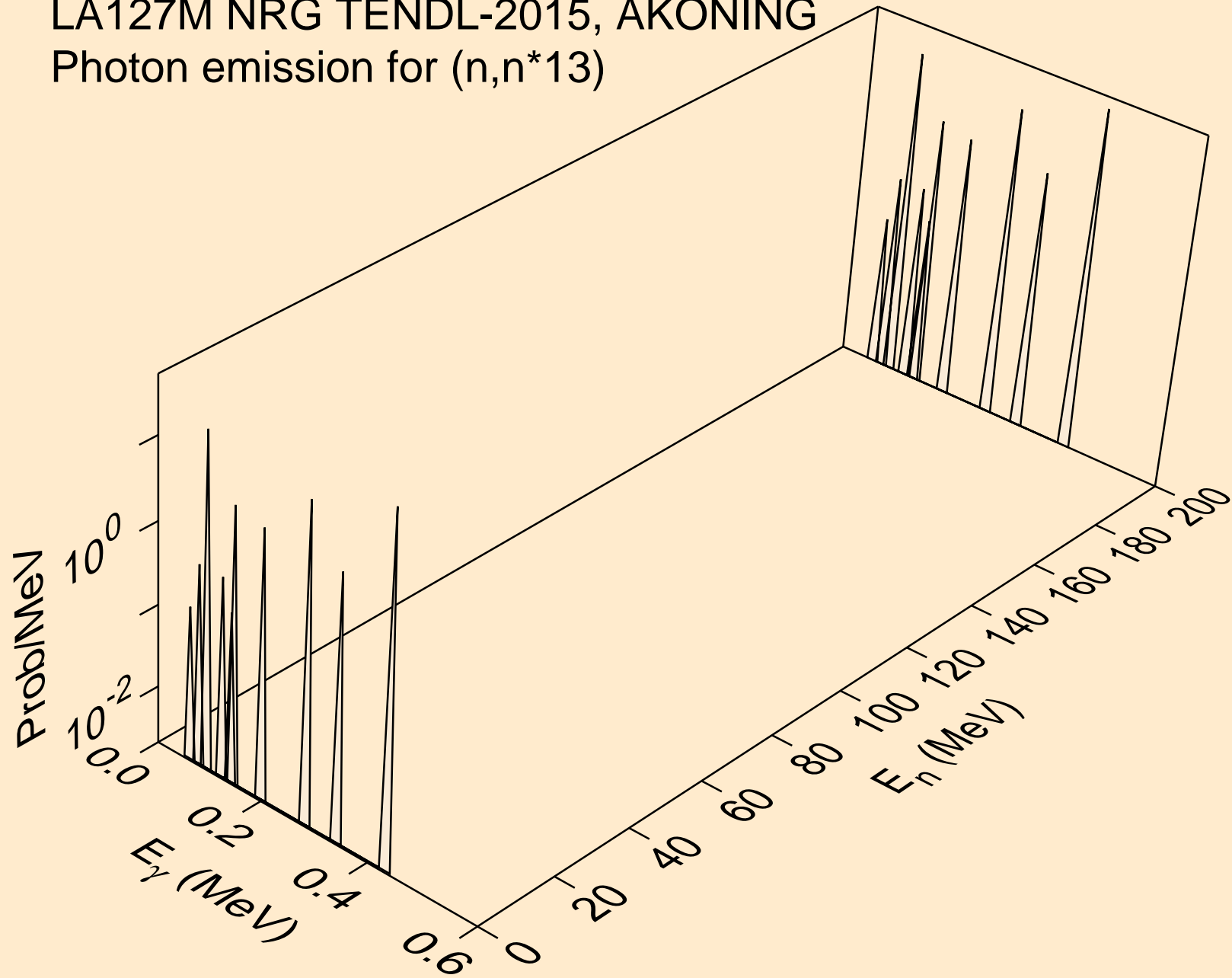
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Photon emission for (n,n\*11)



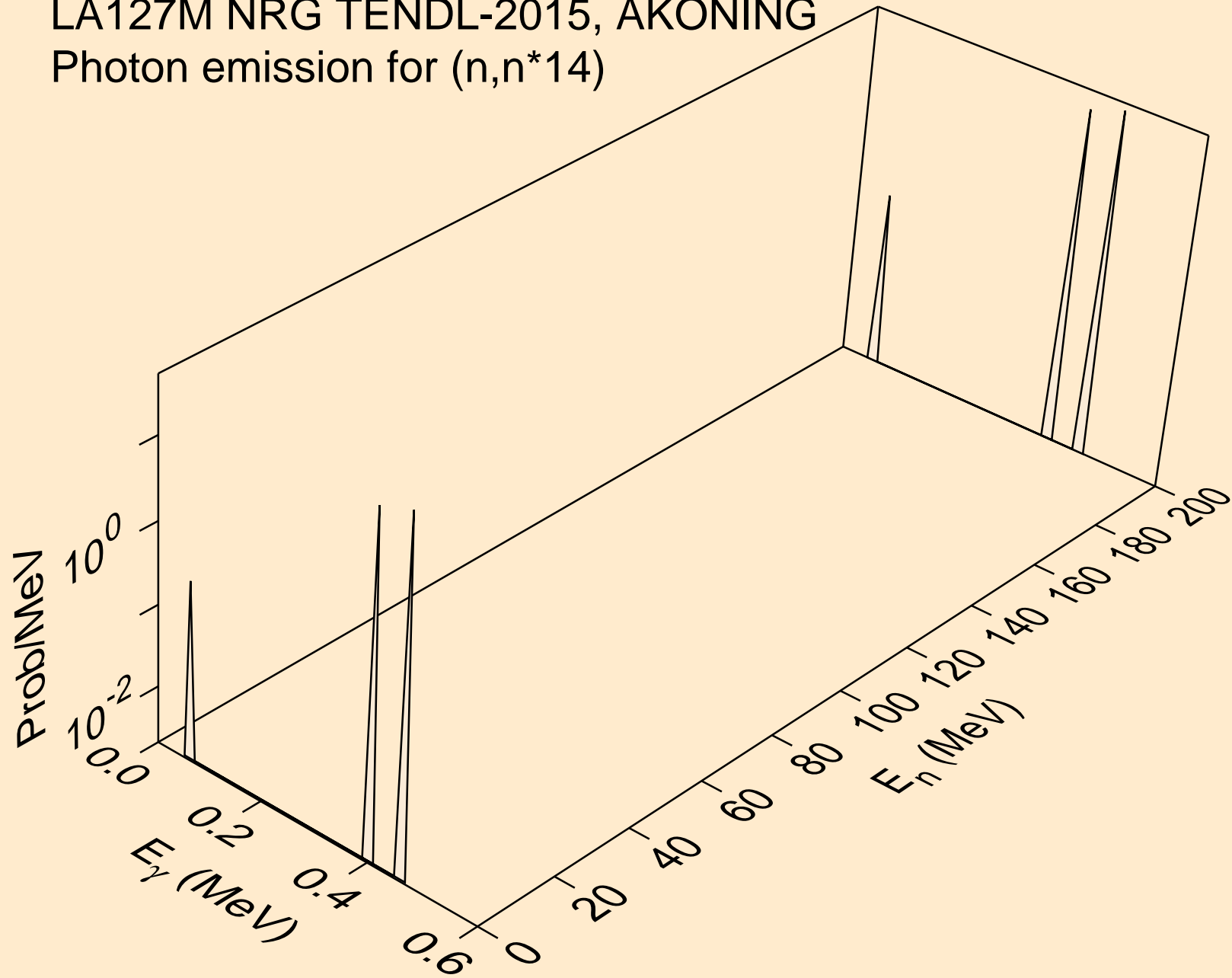
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Photon emission for (n,n\*12)



LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)

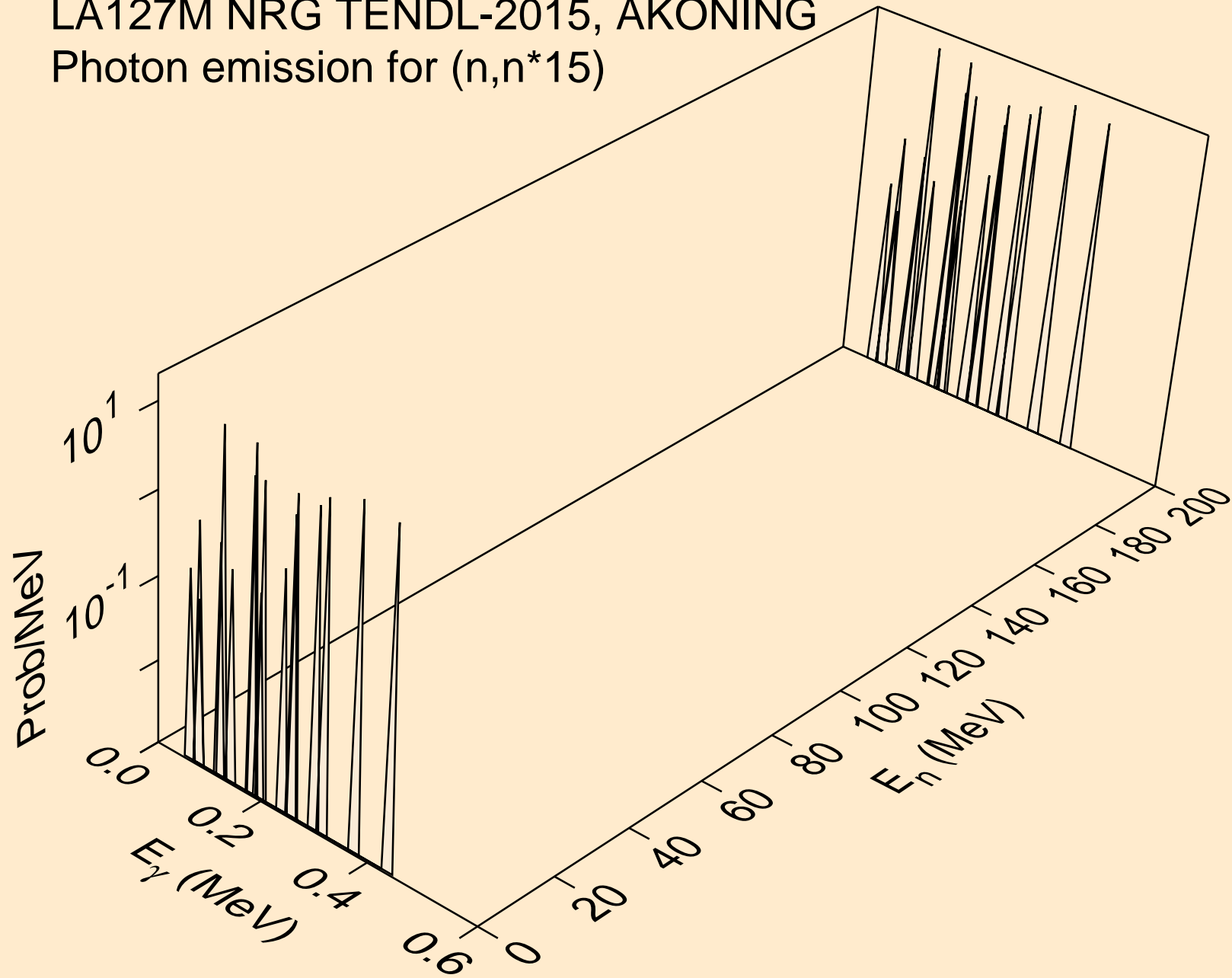


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Photon emission for (n,n\*14)

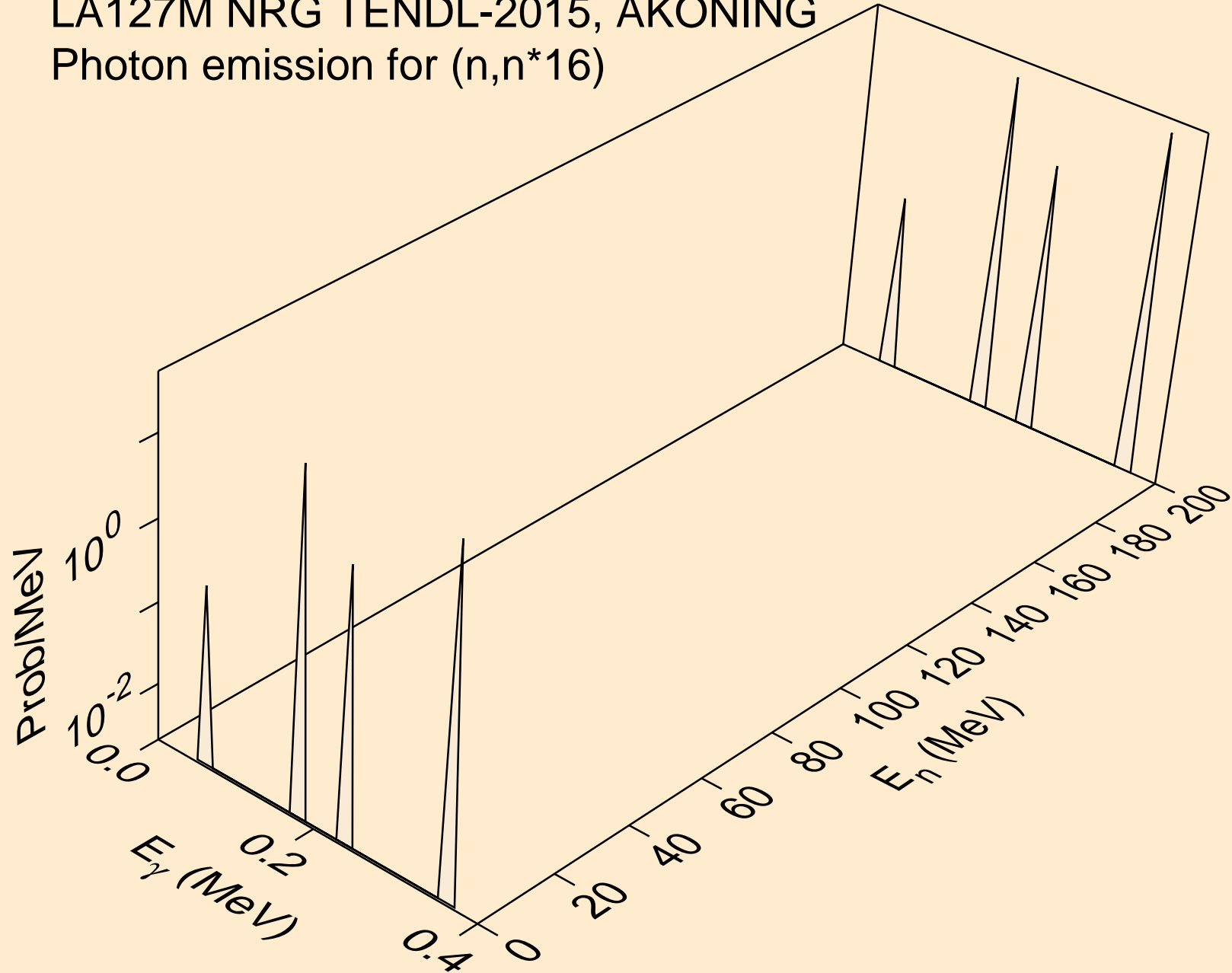




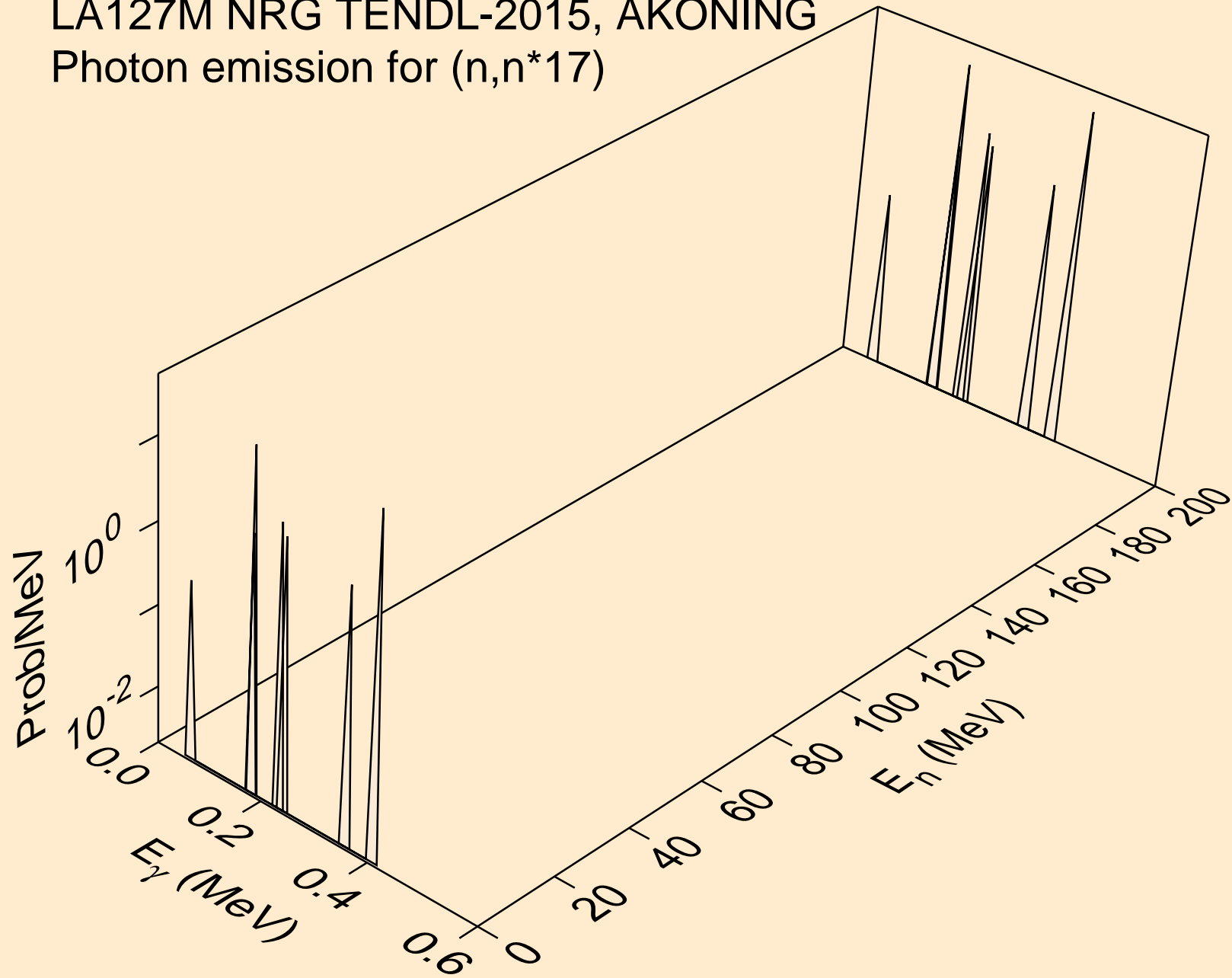
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Photon emission for (n,n\*15)



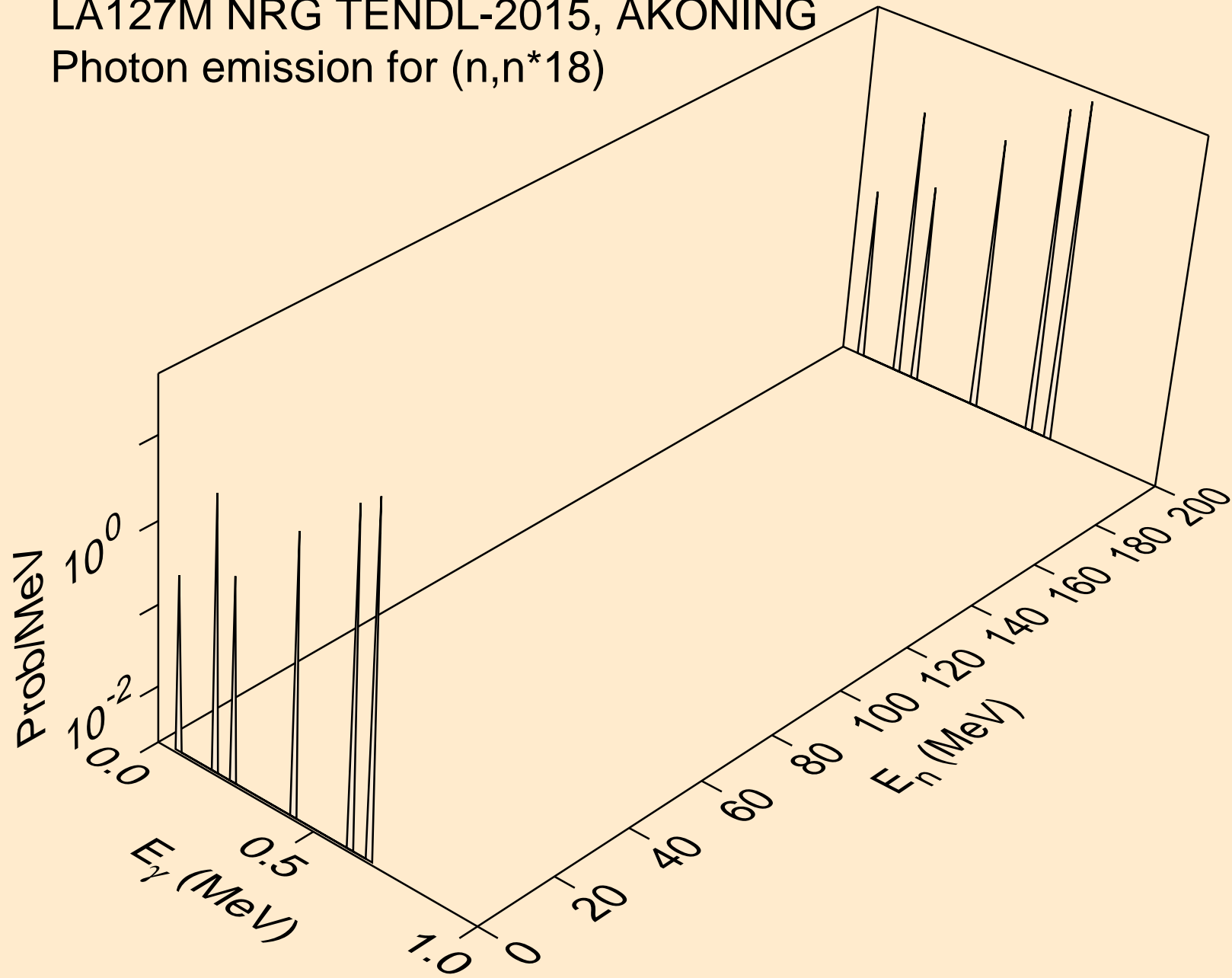
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Photon emission for (n,n\*16)



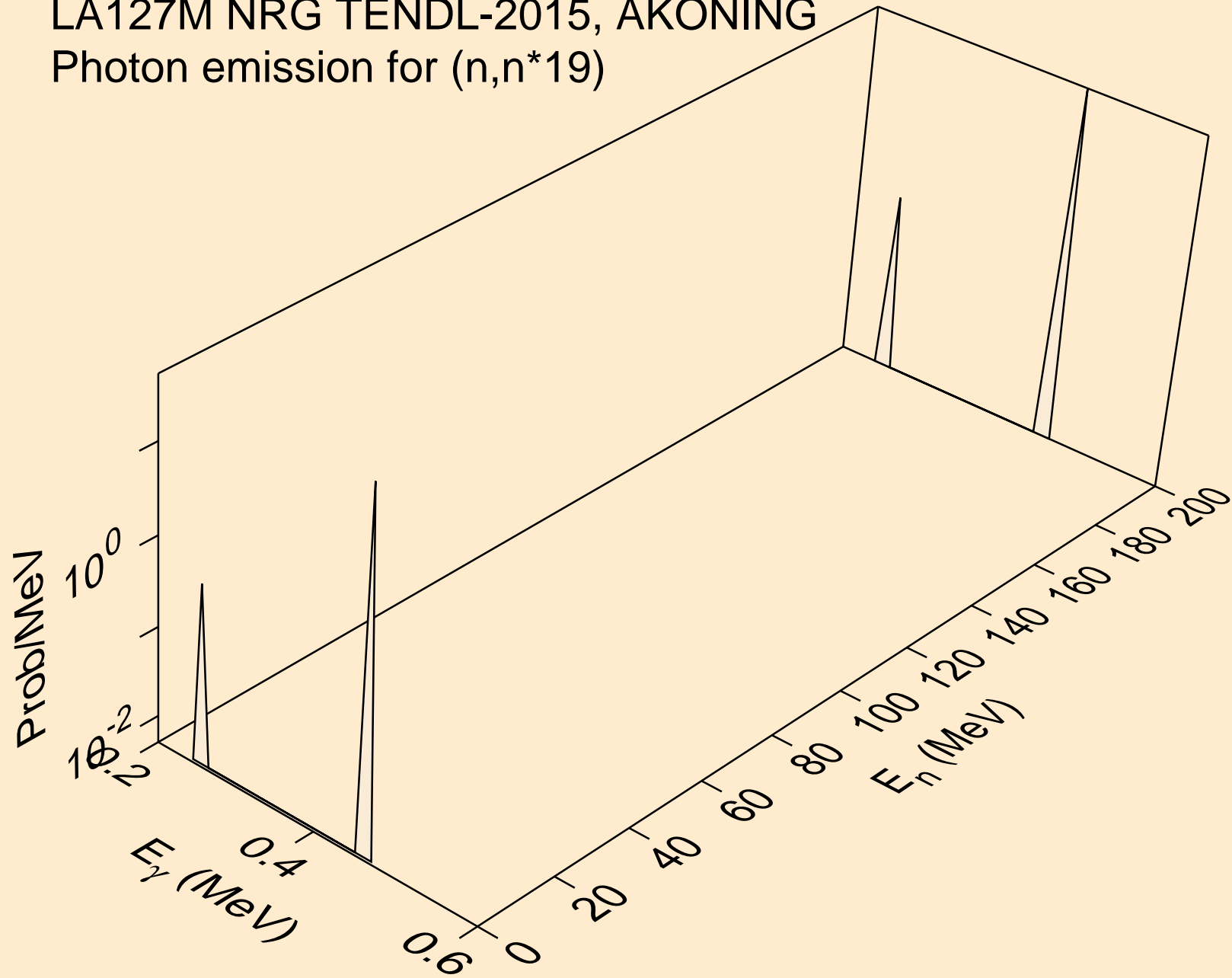
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Photon emission for (n,n\*17)



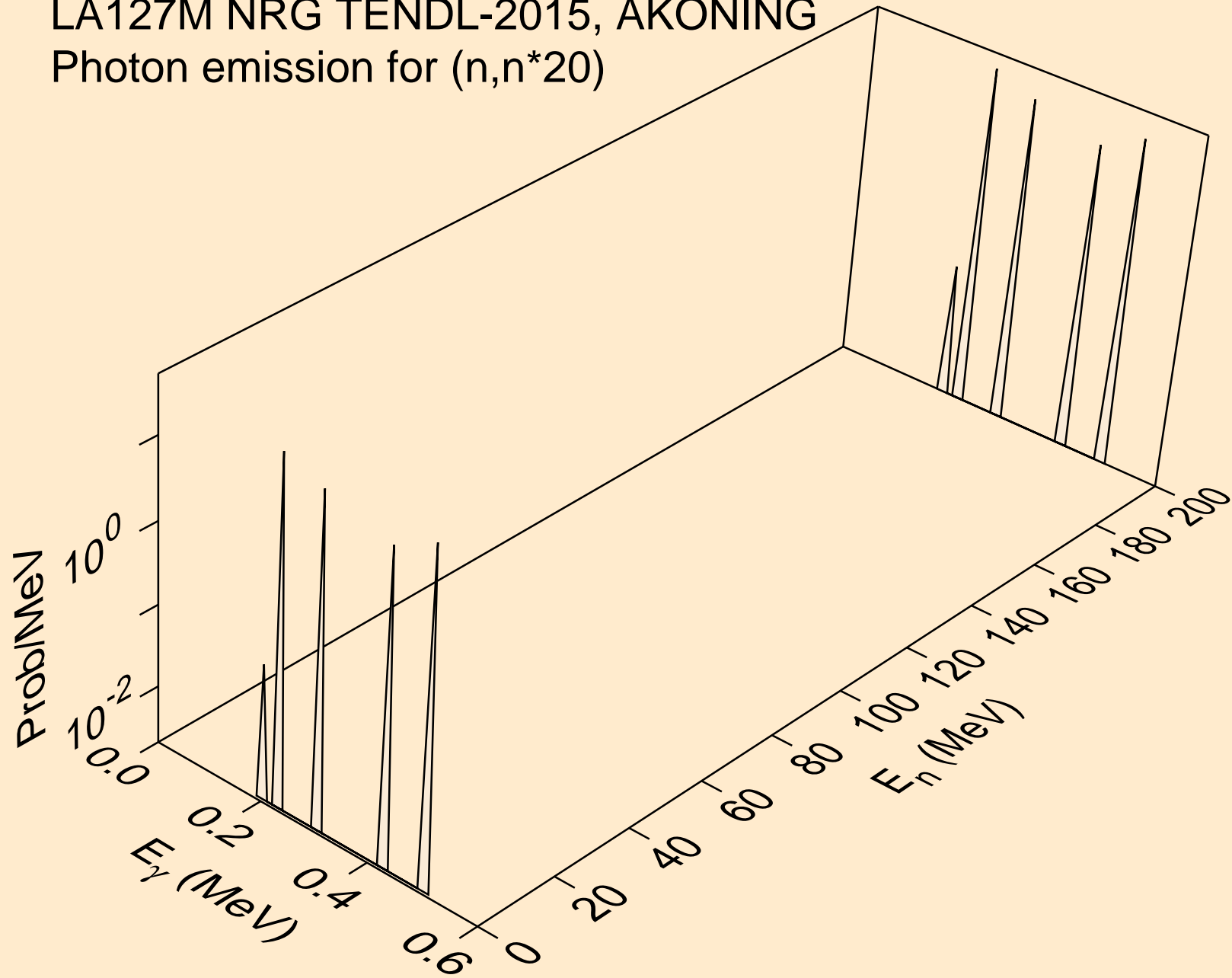
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Photon emission for (n,n\*18)



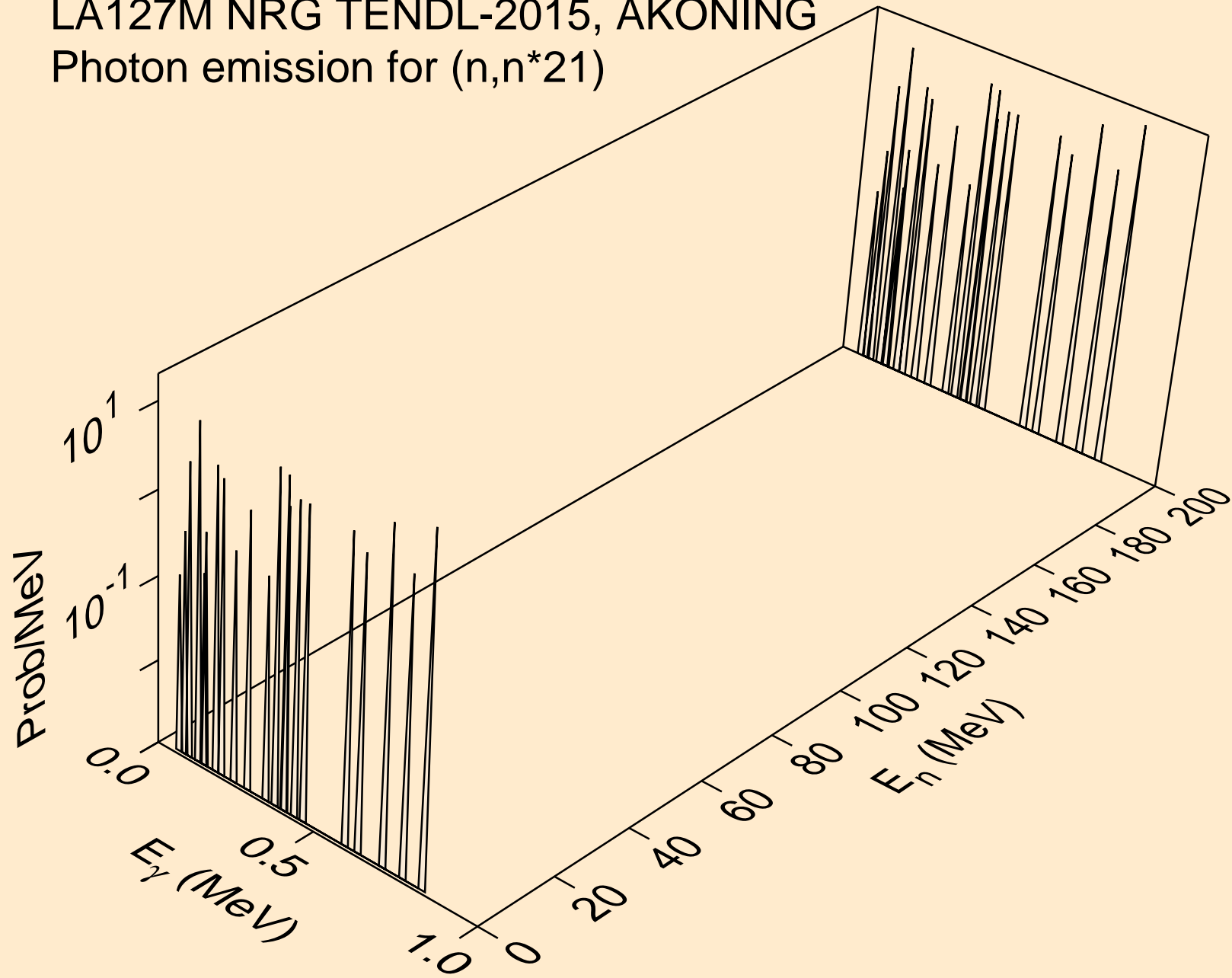
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Photon emission for (n,n\*19)



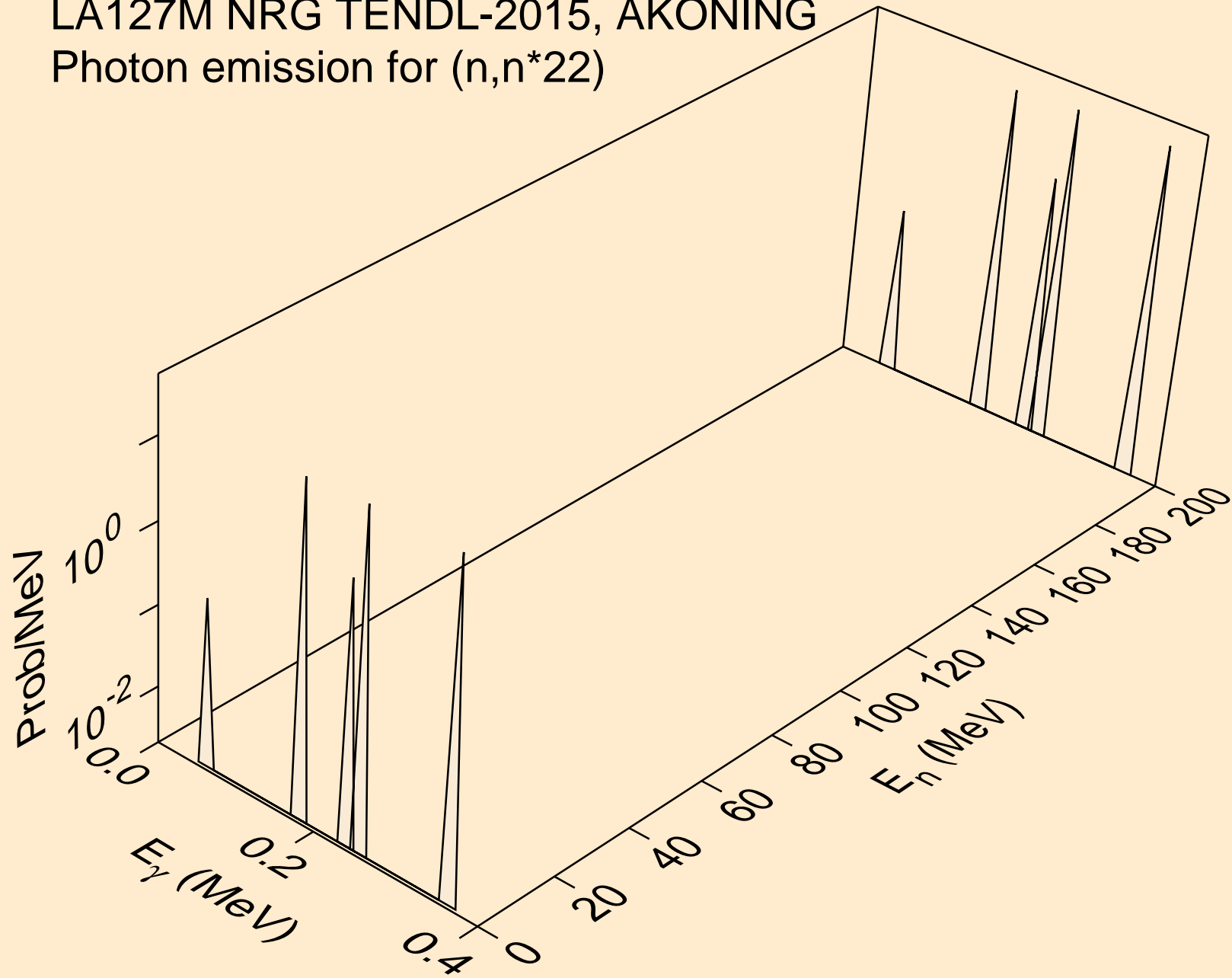
LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)



LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)

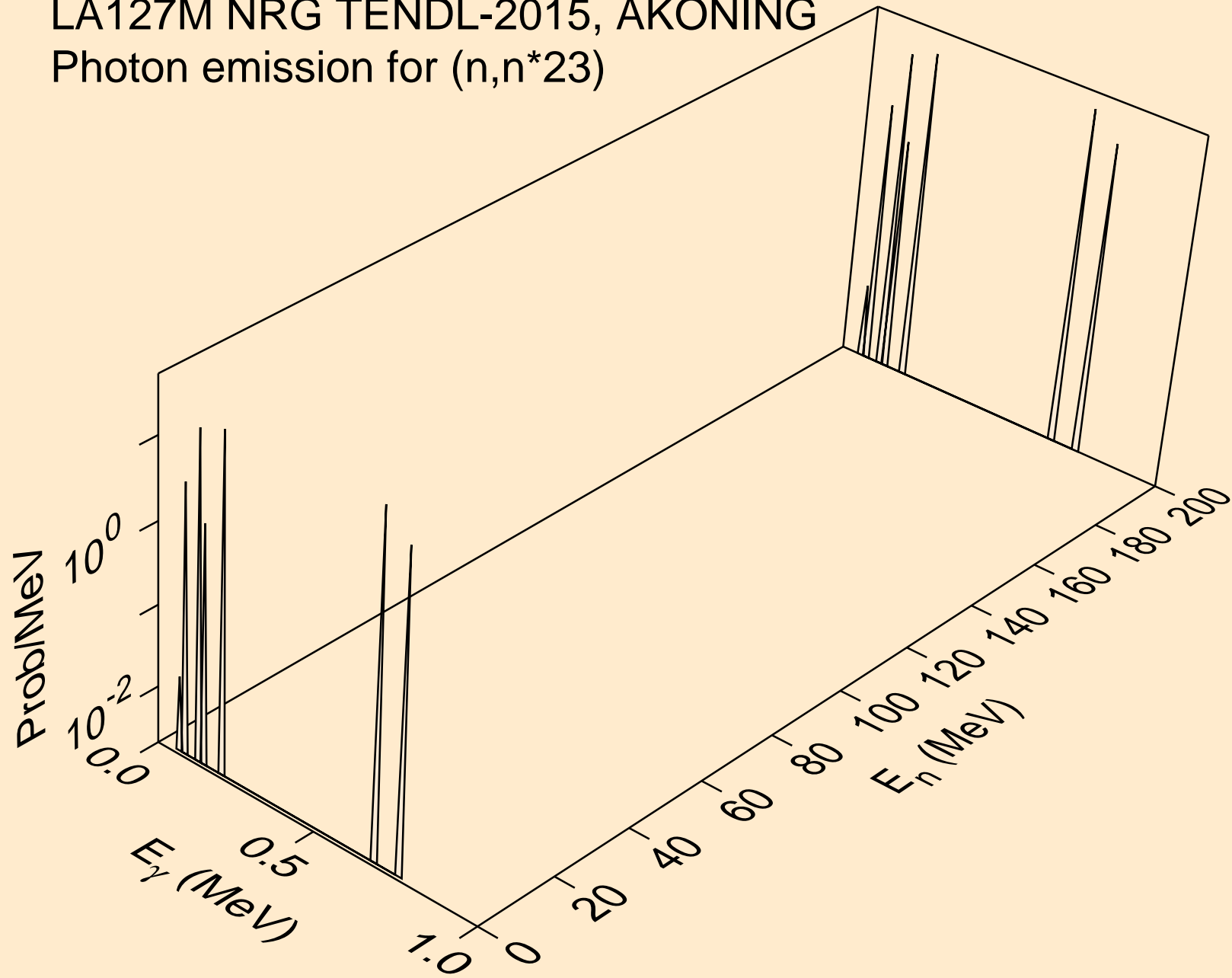


LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)

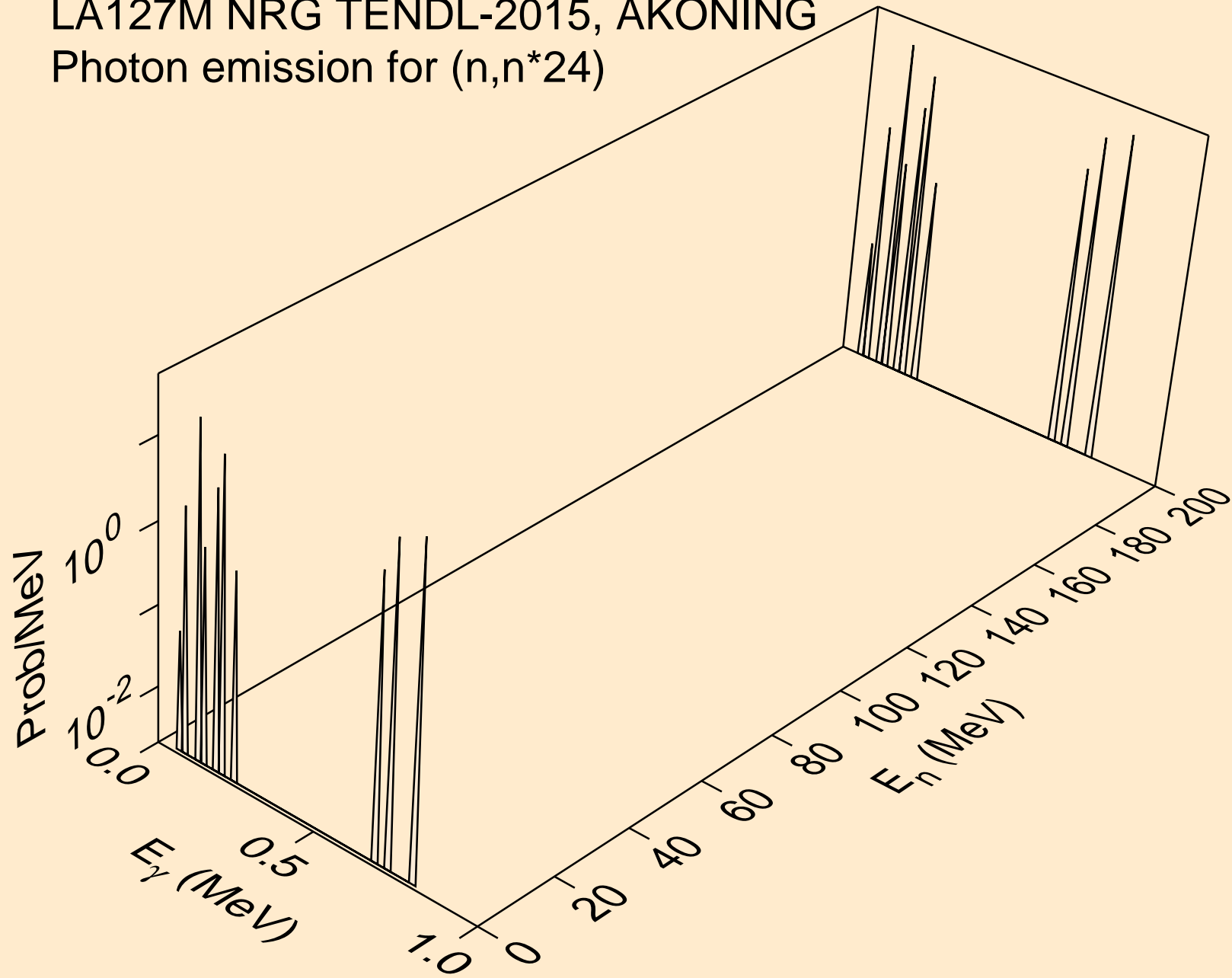




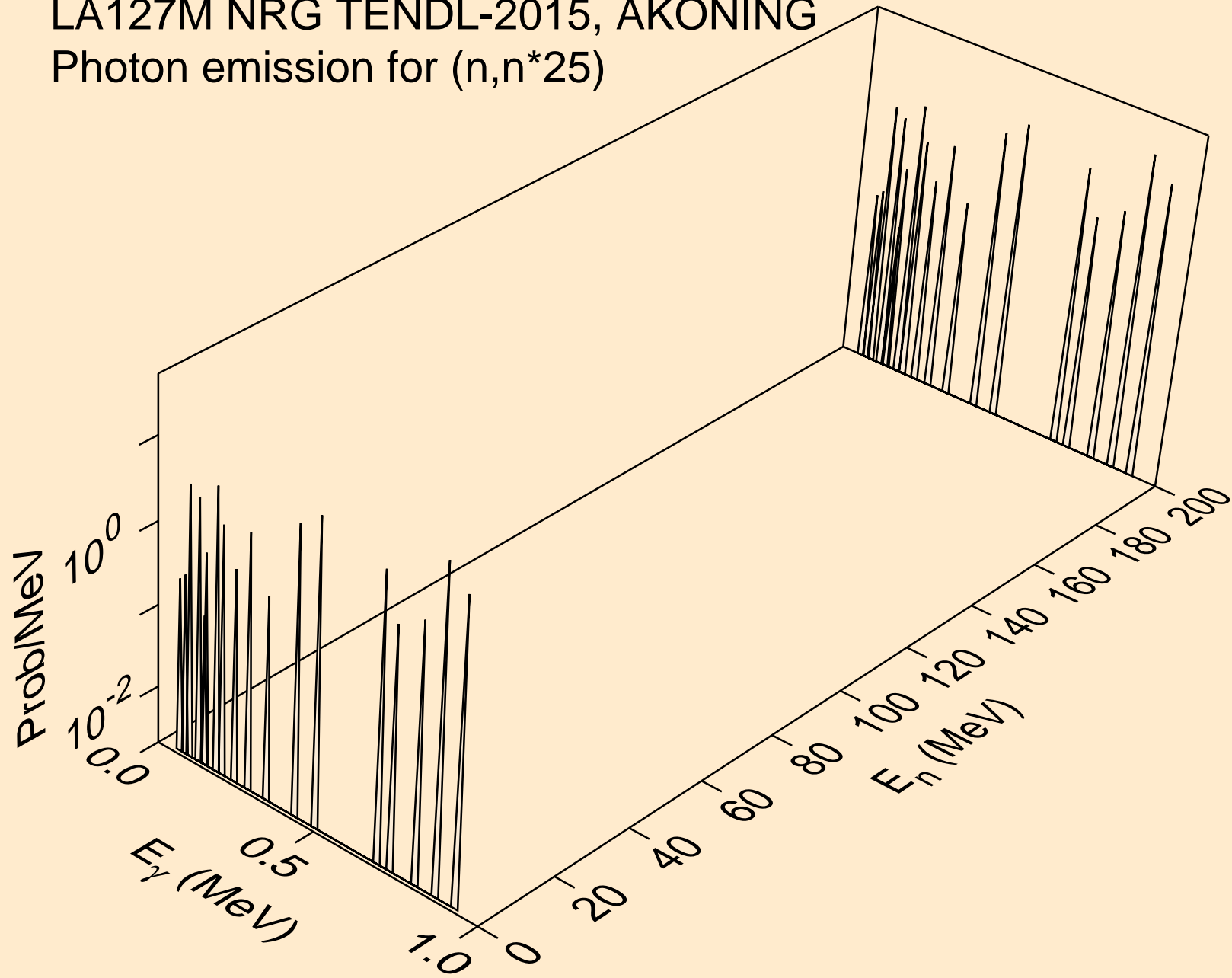
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Photon emission for (n,n\*23)



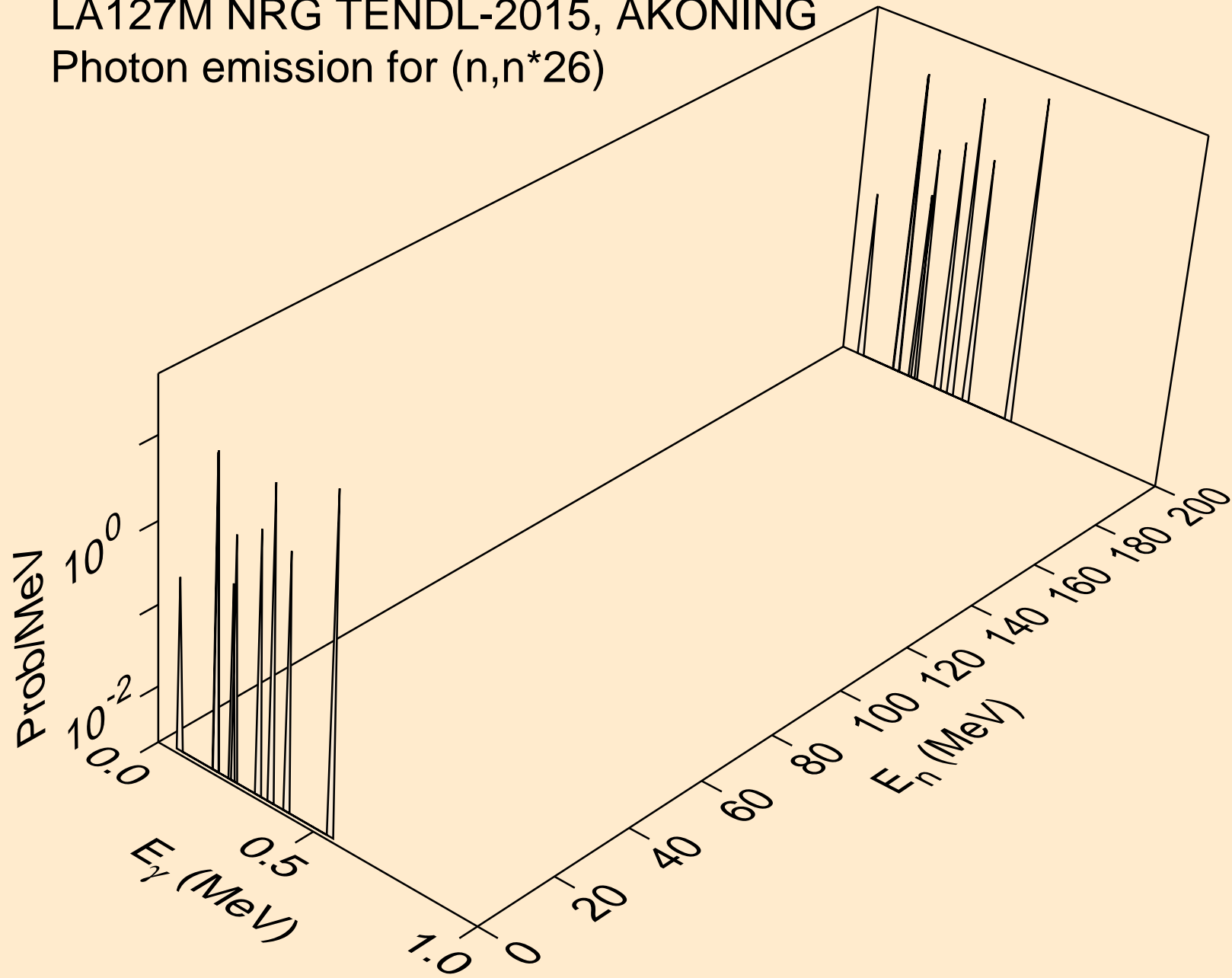
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Photon emission for (n,n\*24)



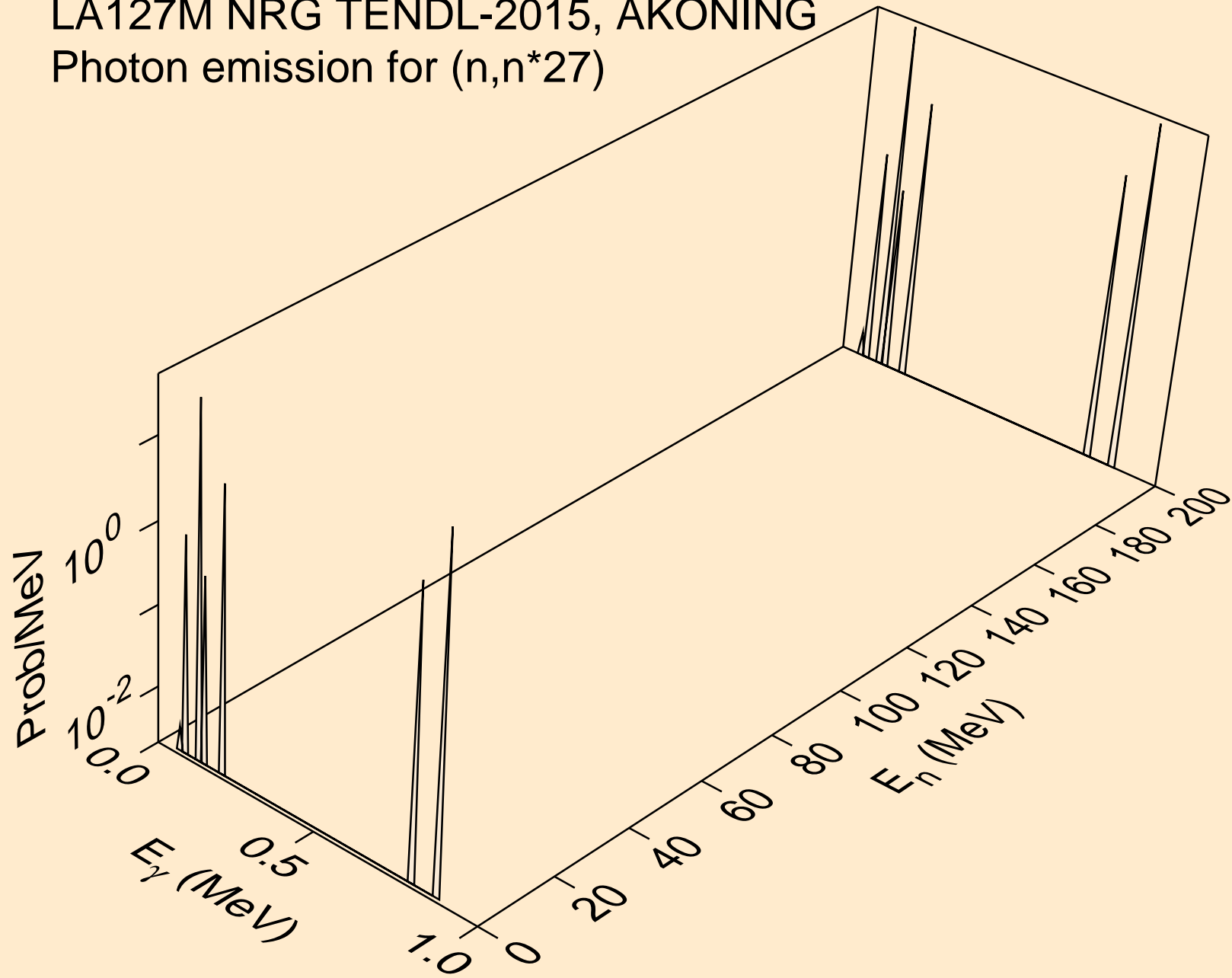
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Photon emission for (n,n\*25)



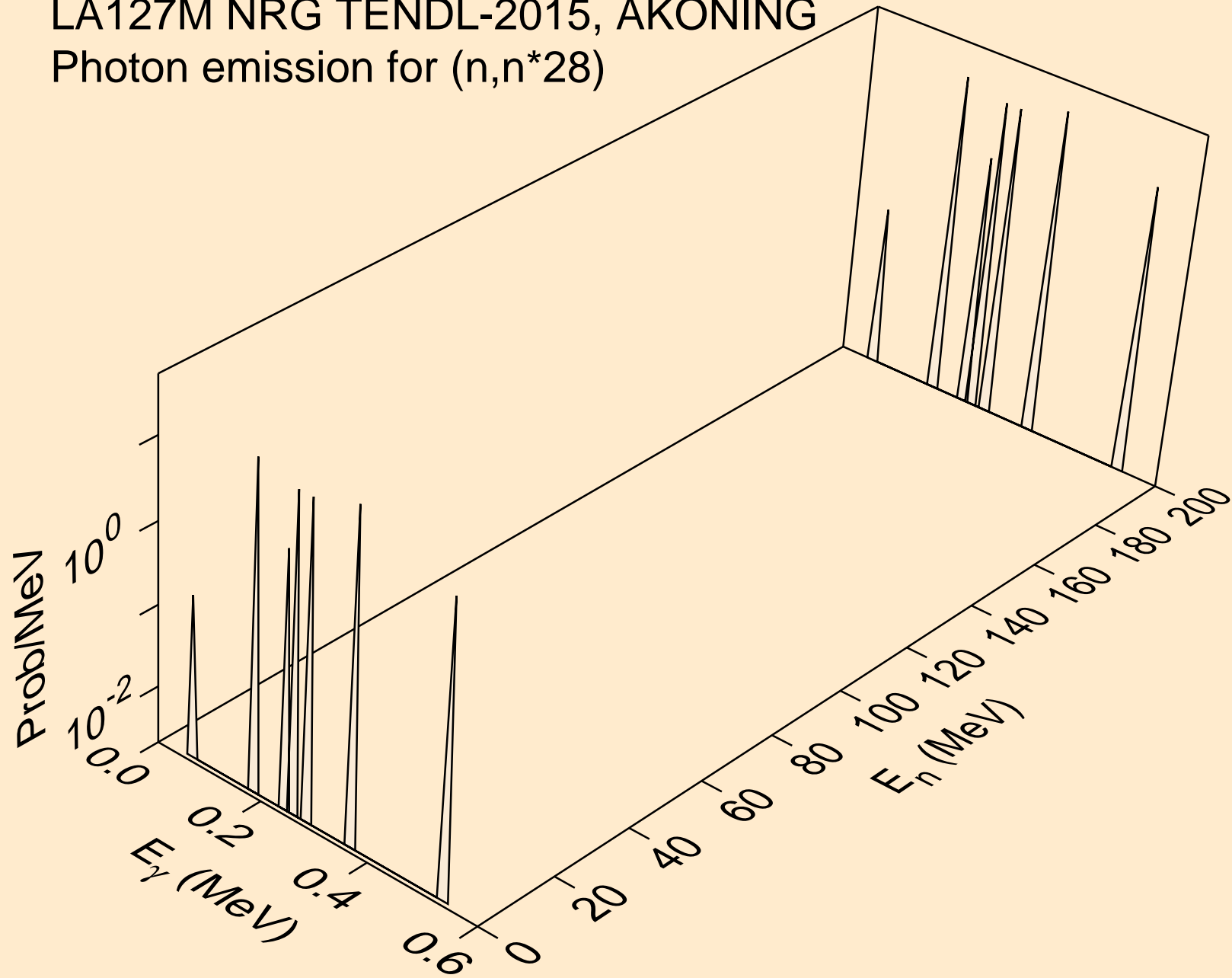
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Photon emission for (n,n\*26)



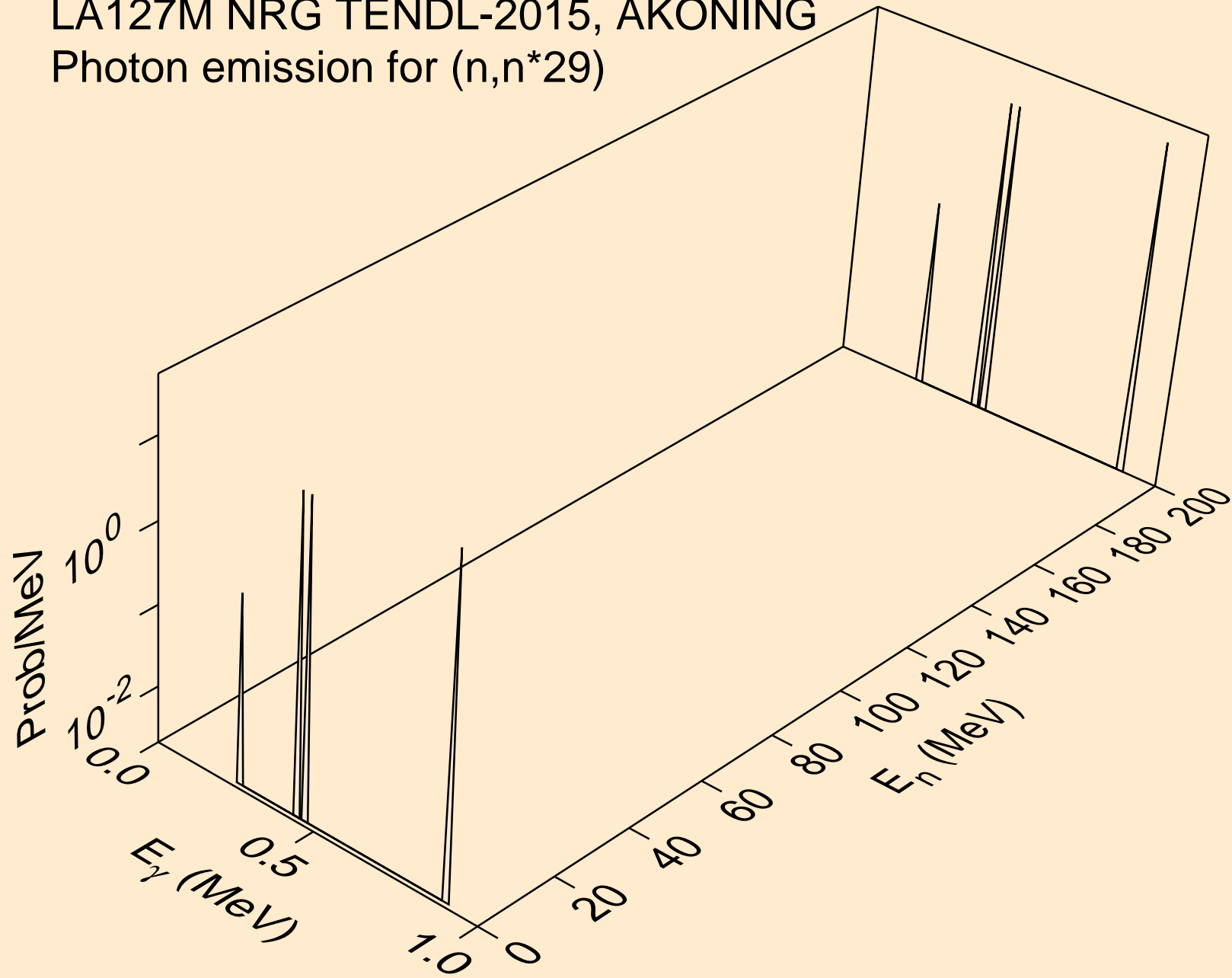
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Photon emission for (n,n\*27)



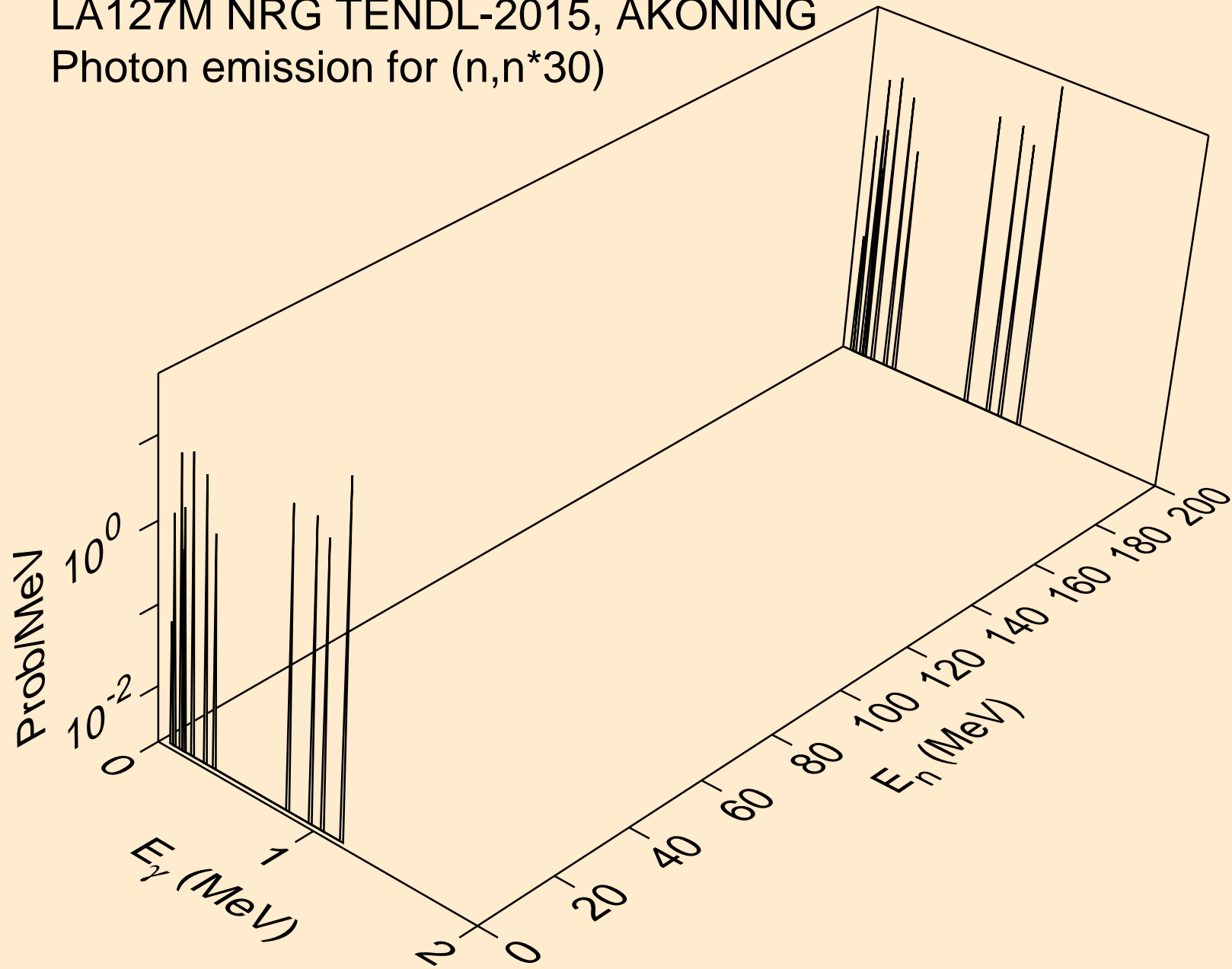
LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)



LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)

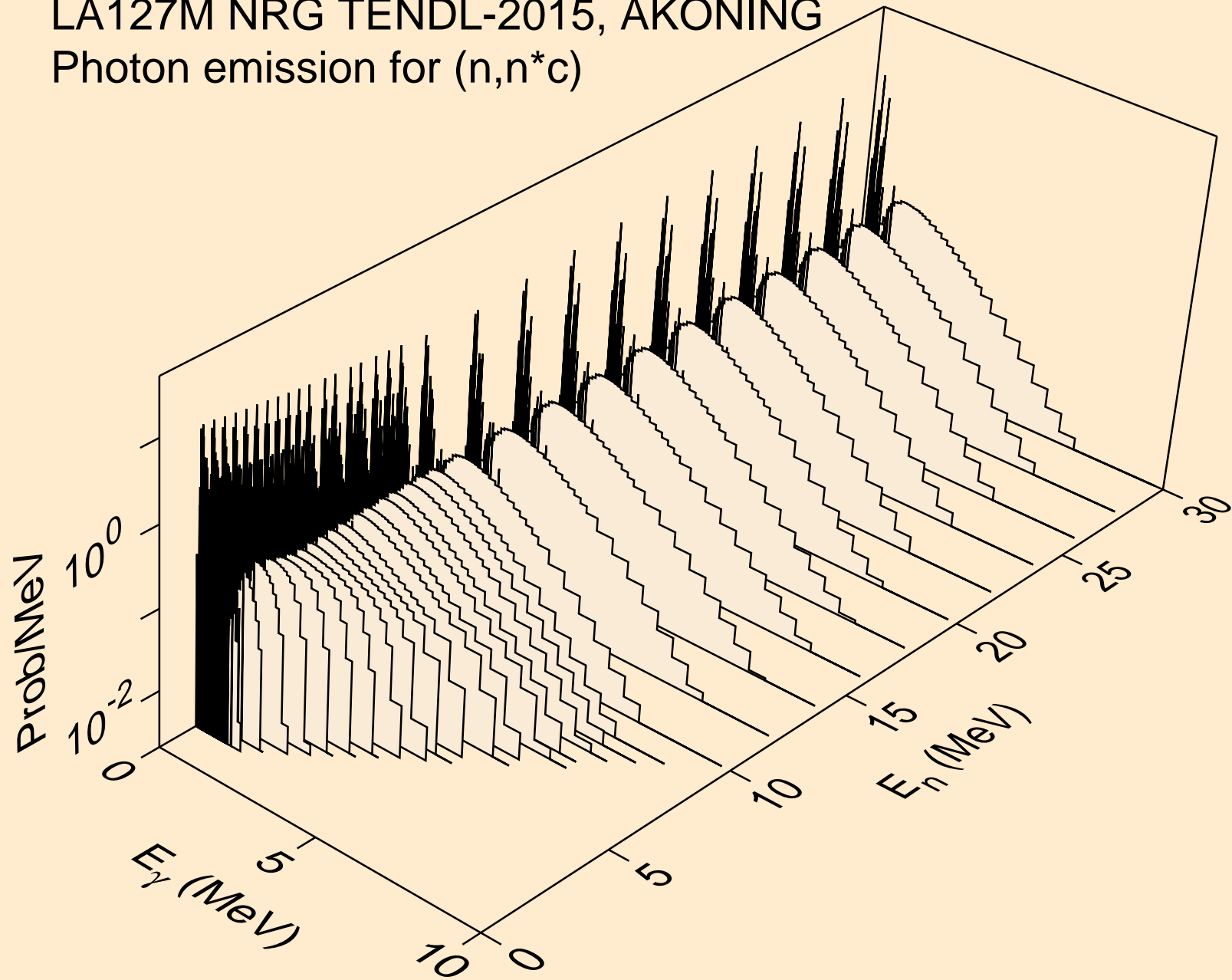


LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*30)

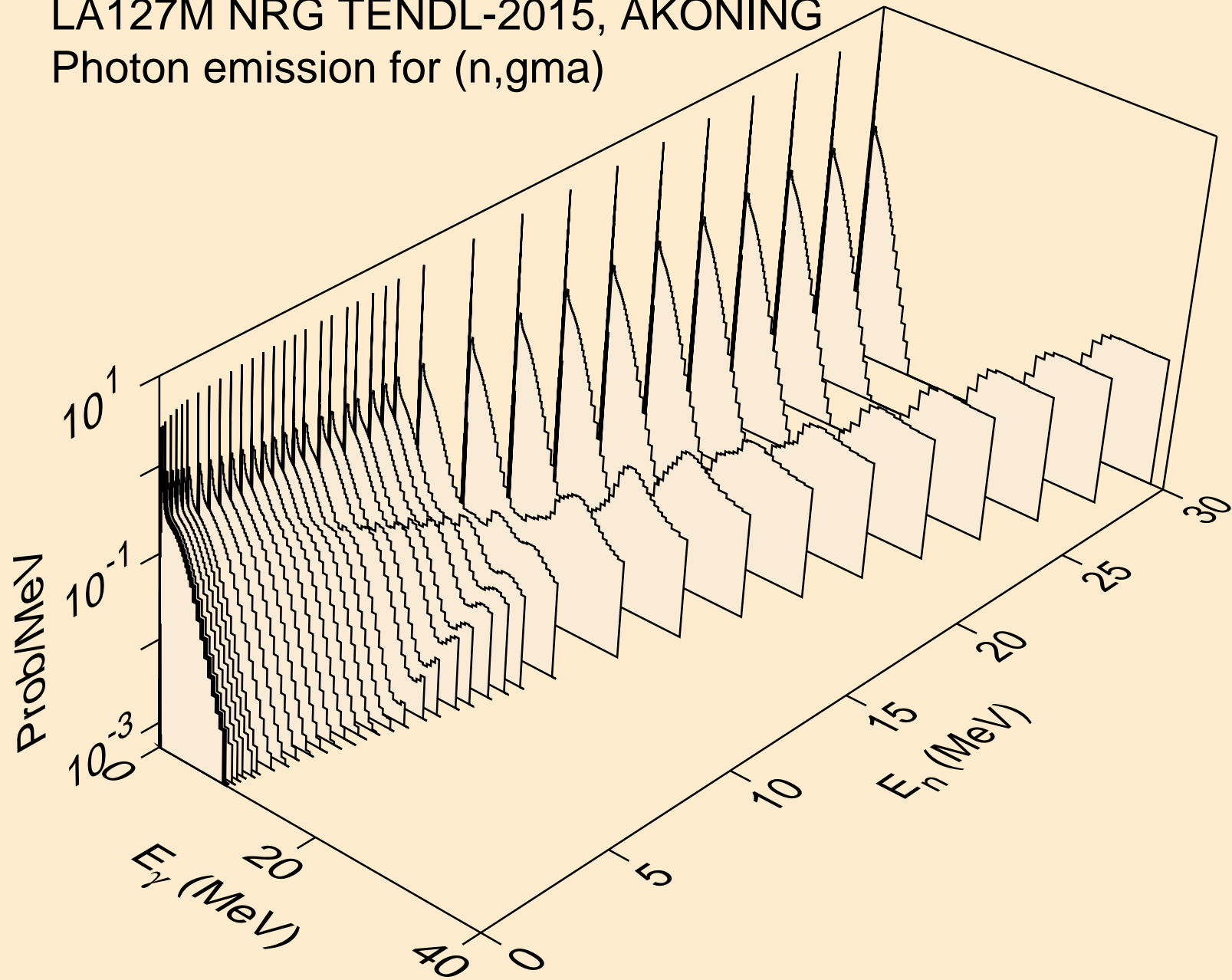




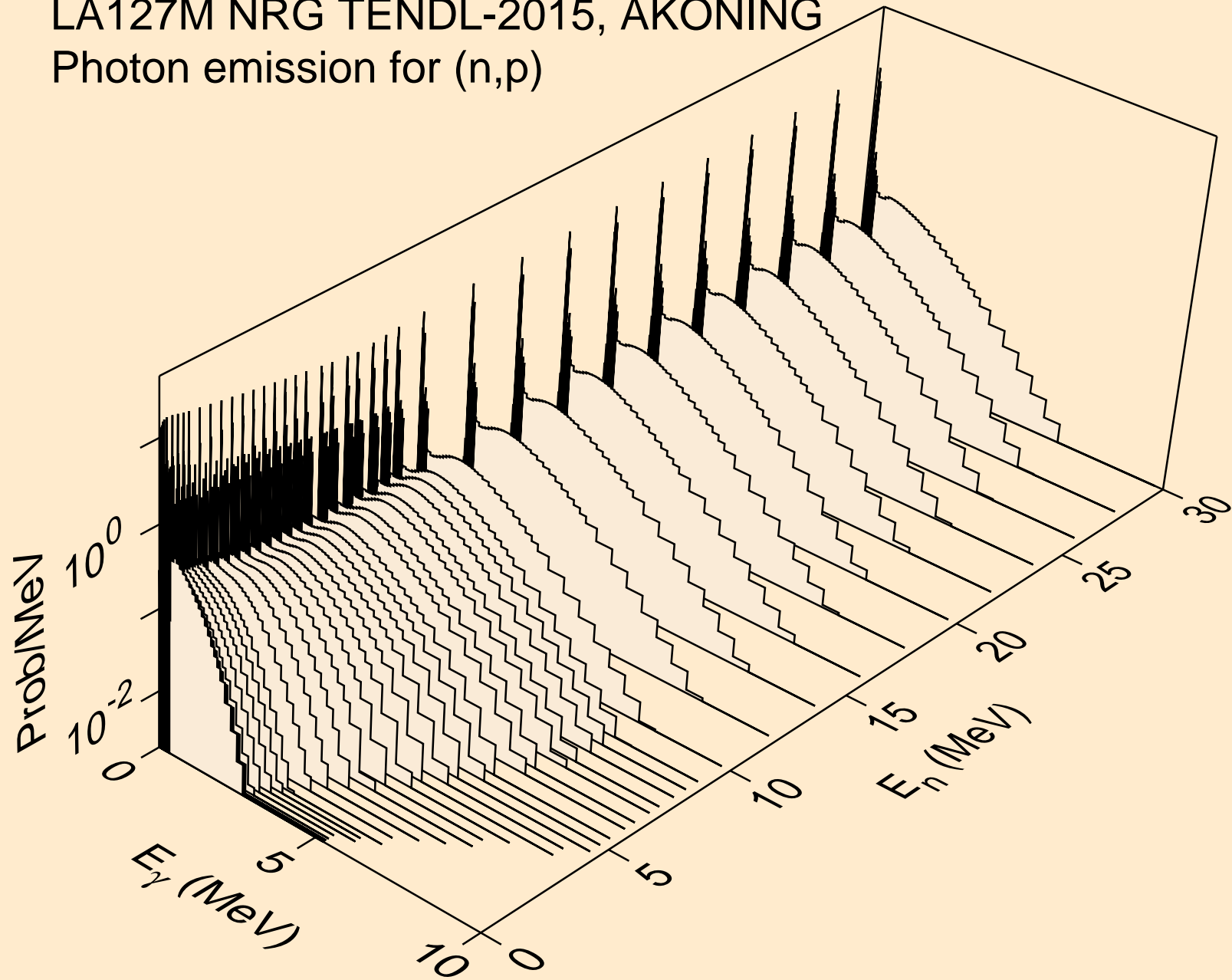
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Photon emission for (n,n\*c)



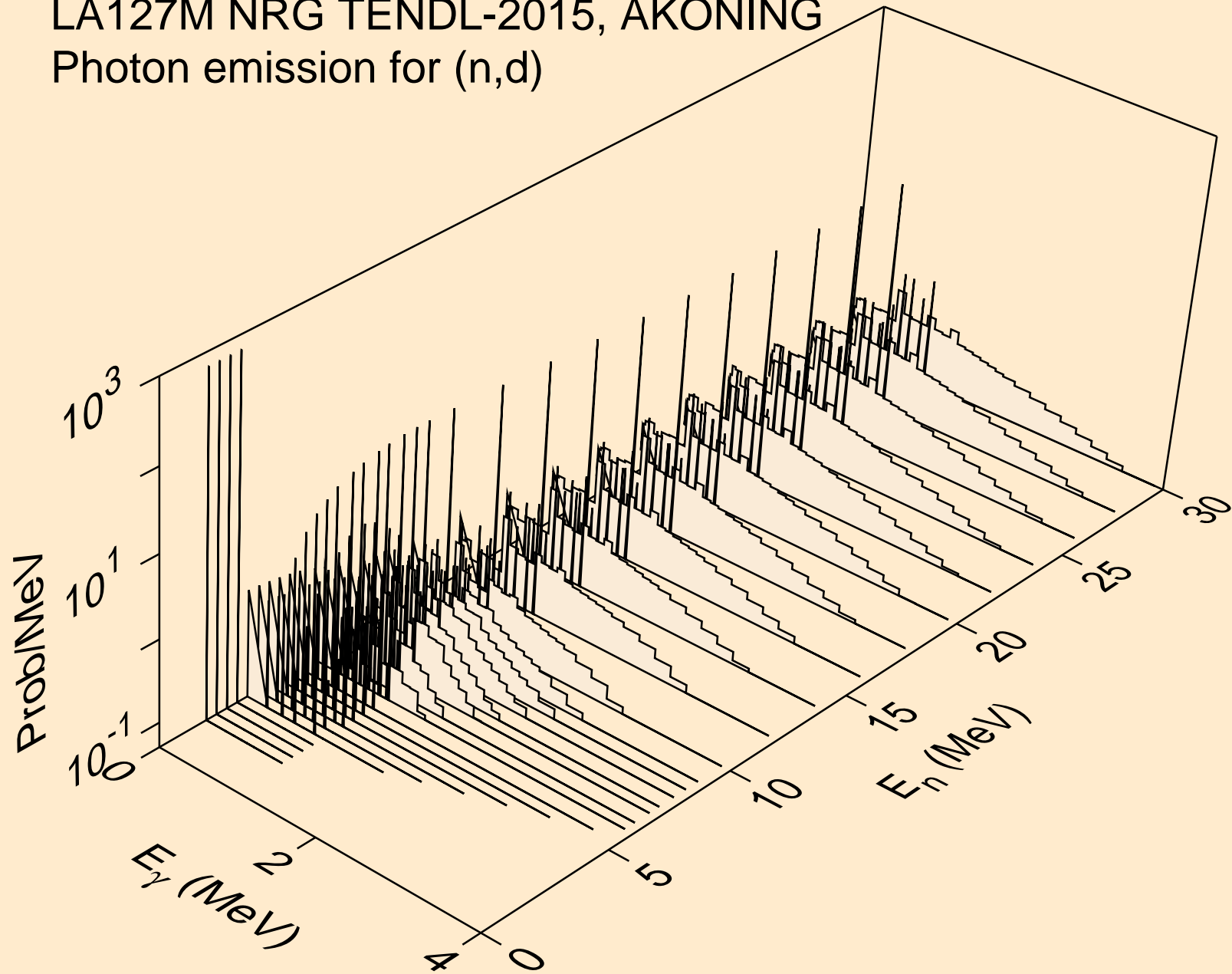
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Photon emission for (n,gma)



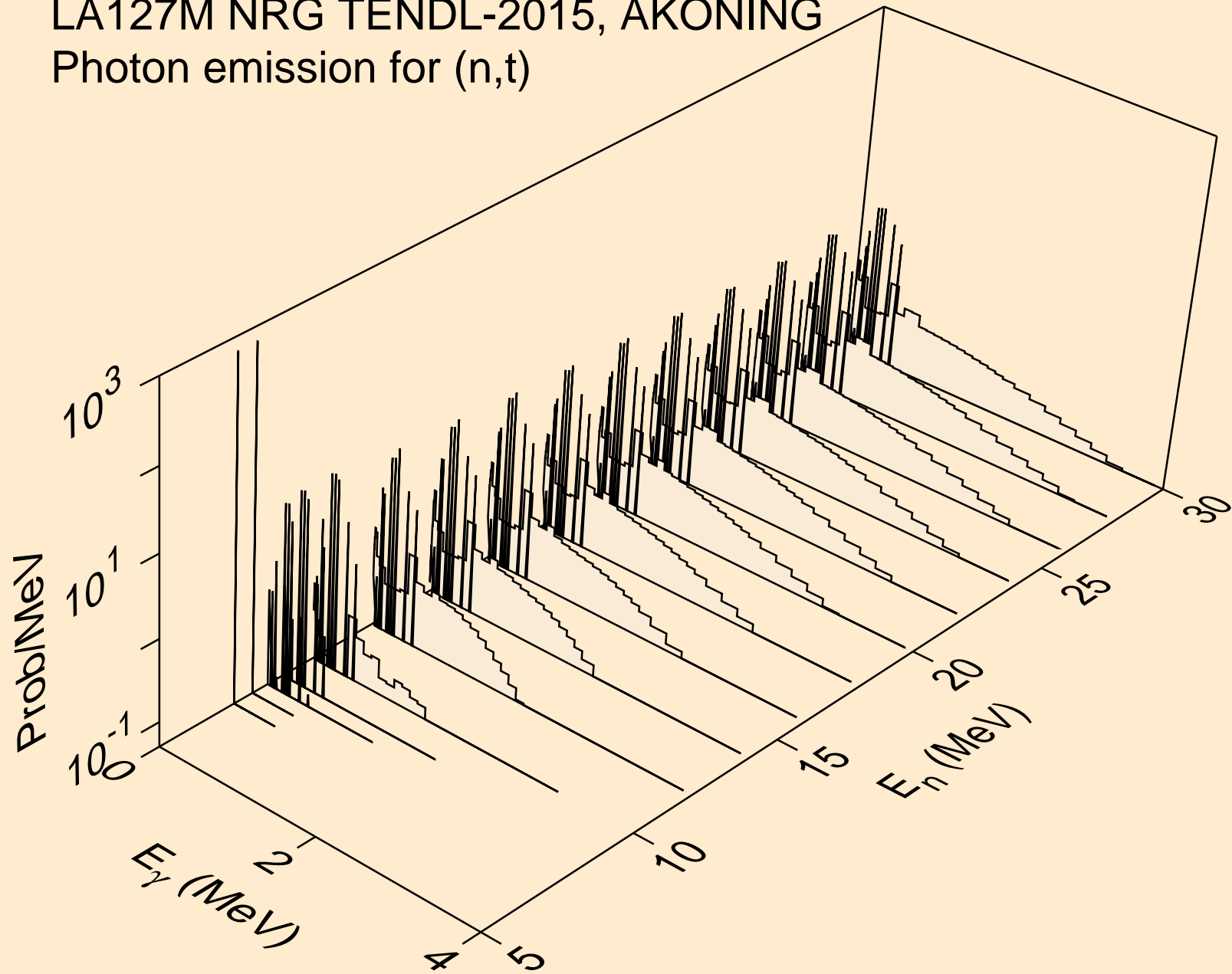
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Photon emission for (n,p)



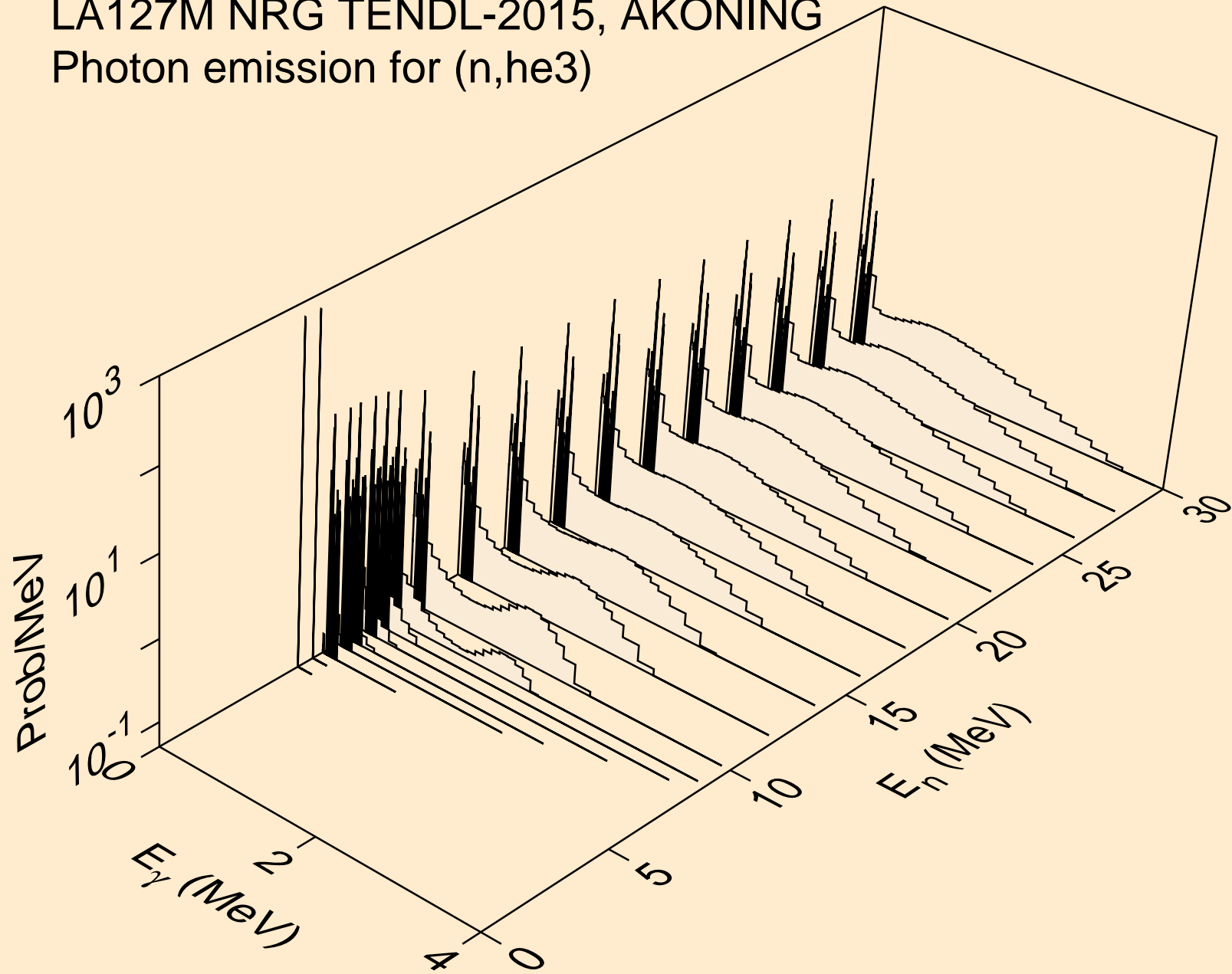
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Photon emission for (n,d)



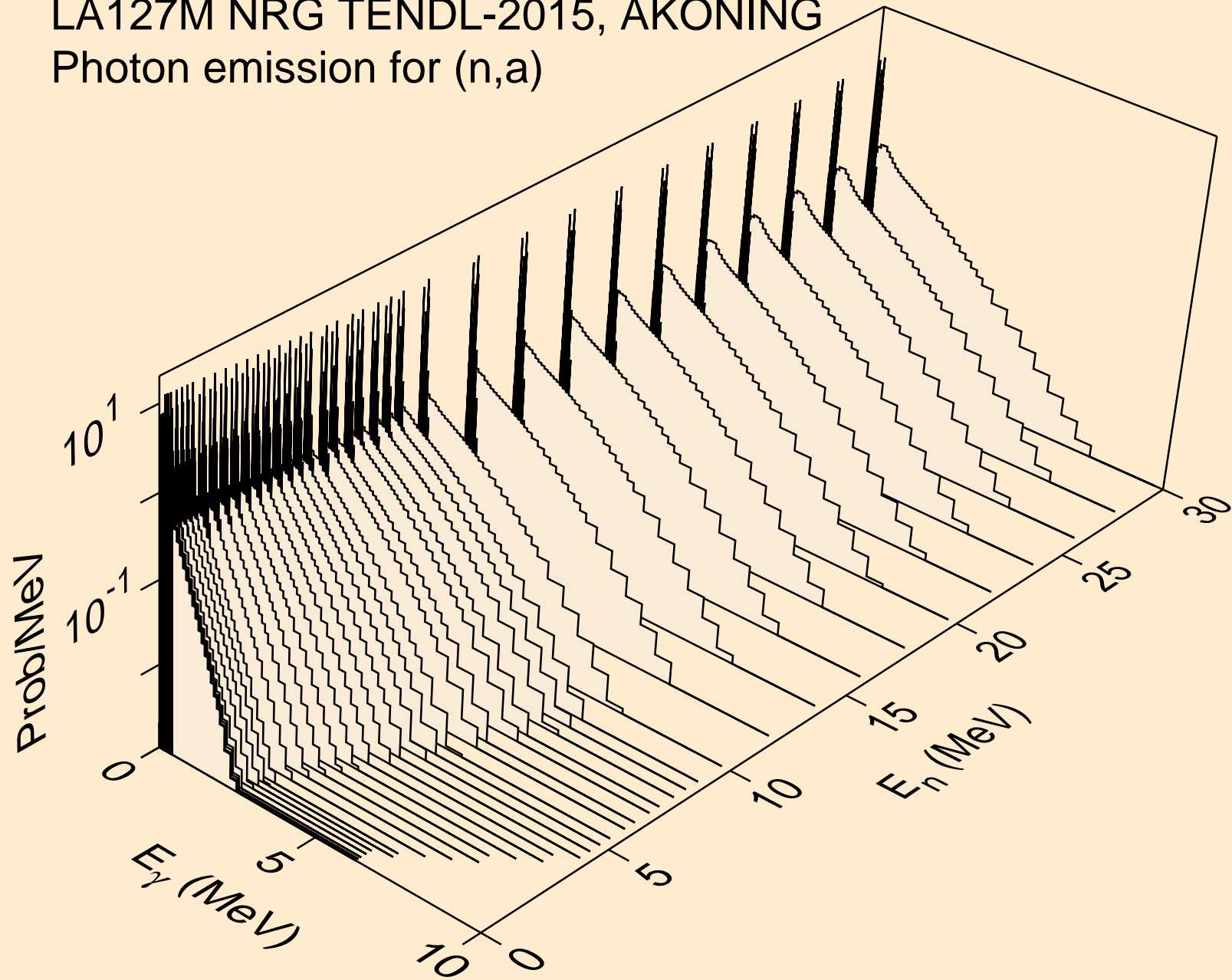
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Photon emission for (n,t)



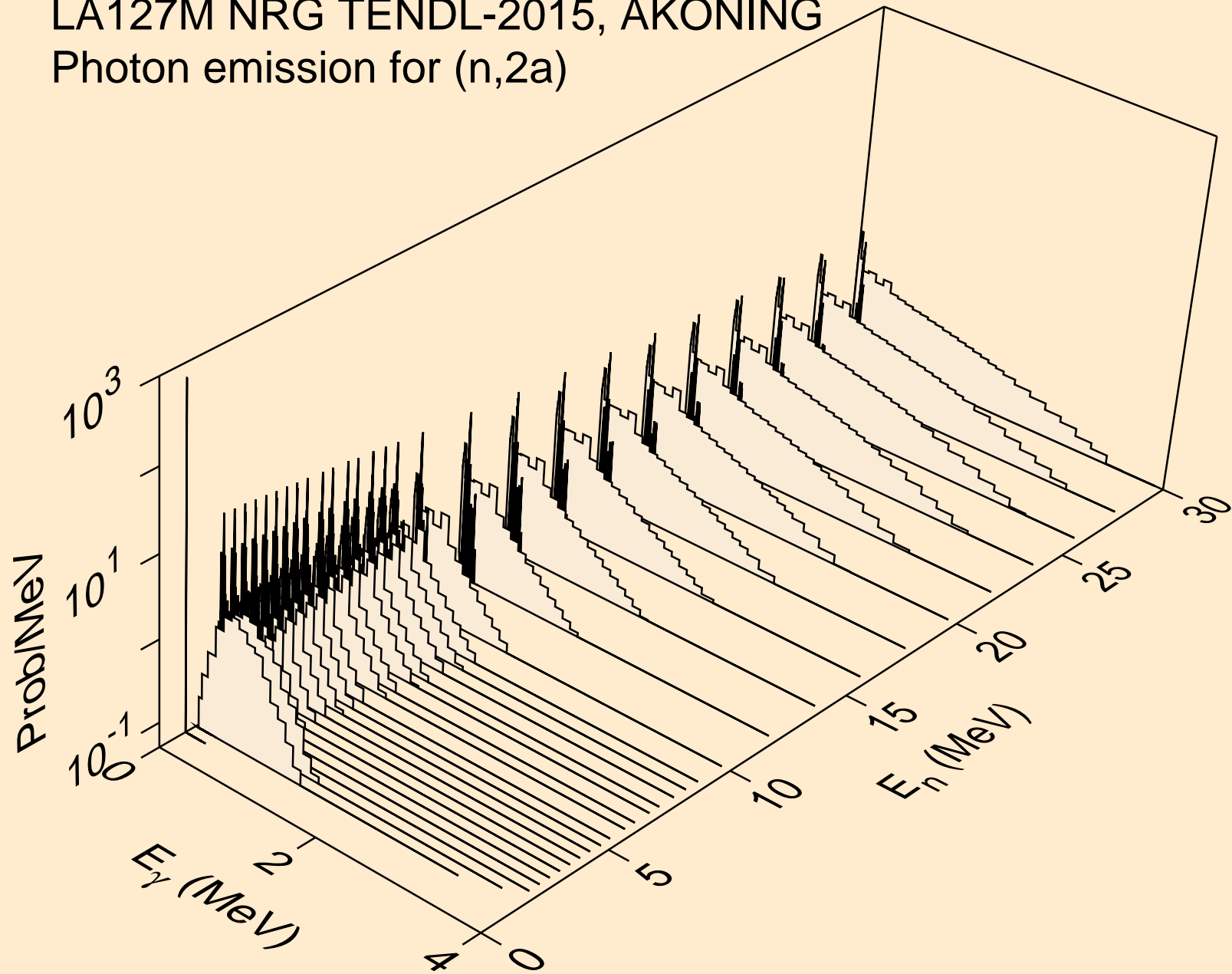
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Photon emission for (n,he3)



LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,a)

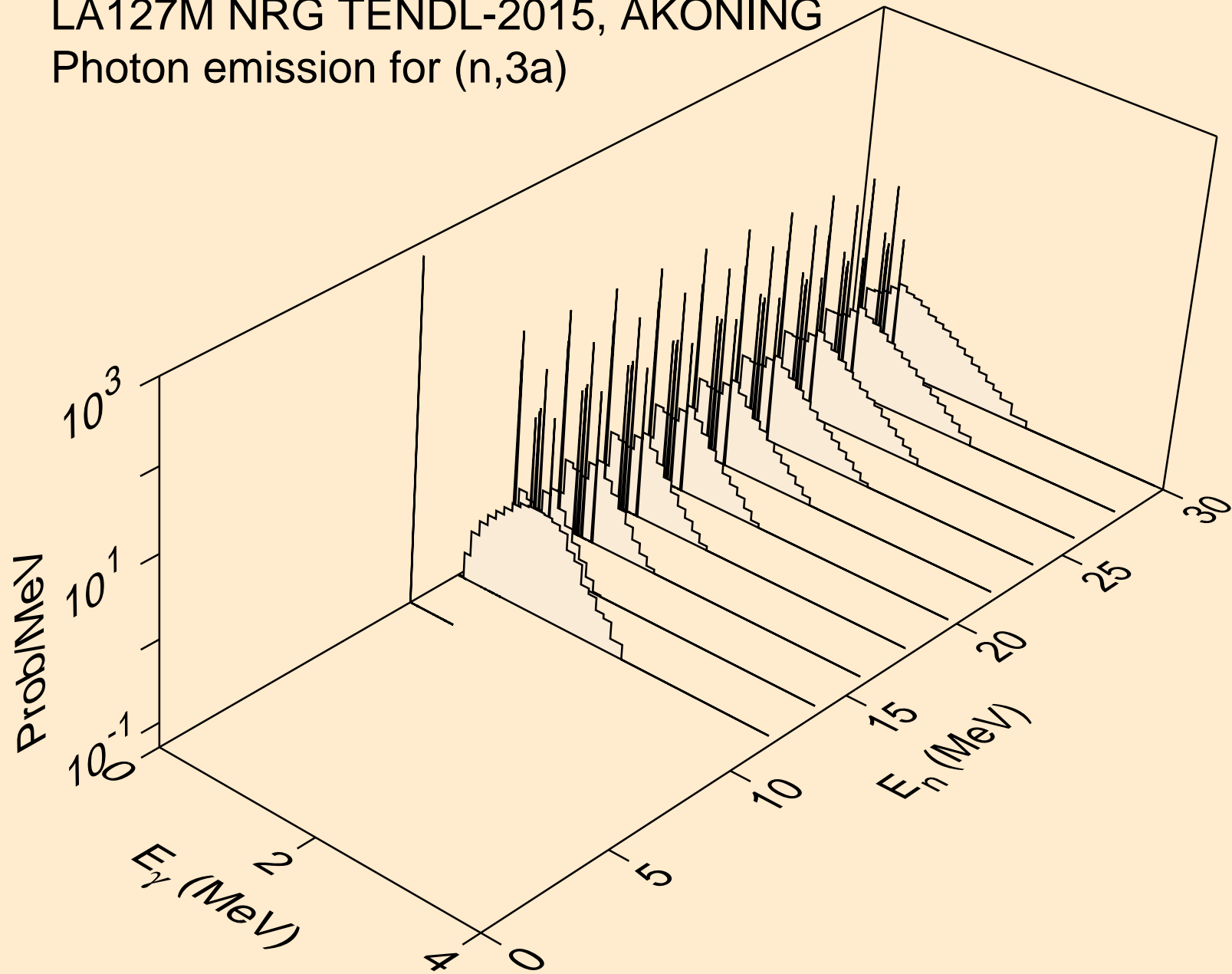


LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

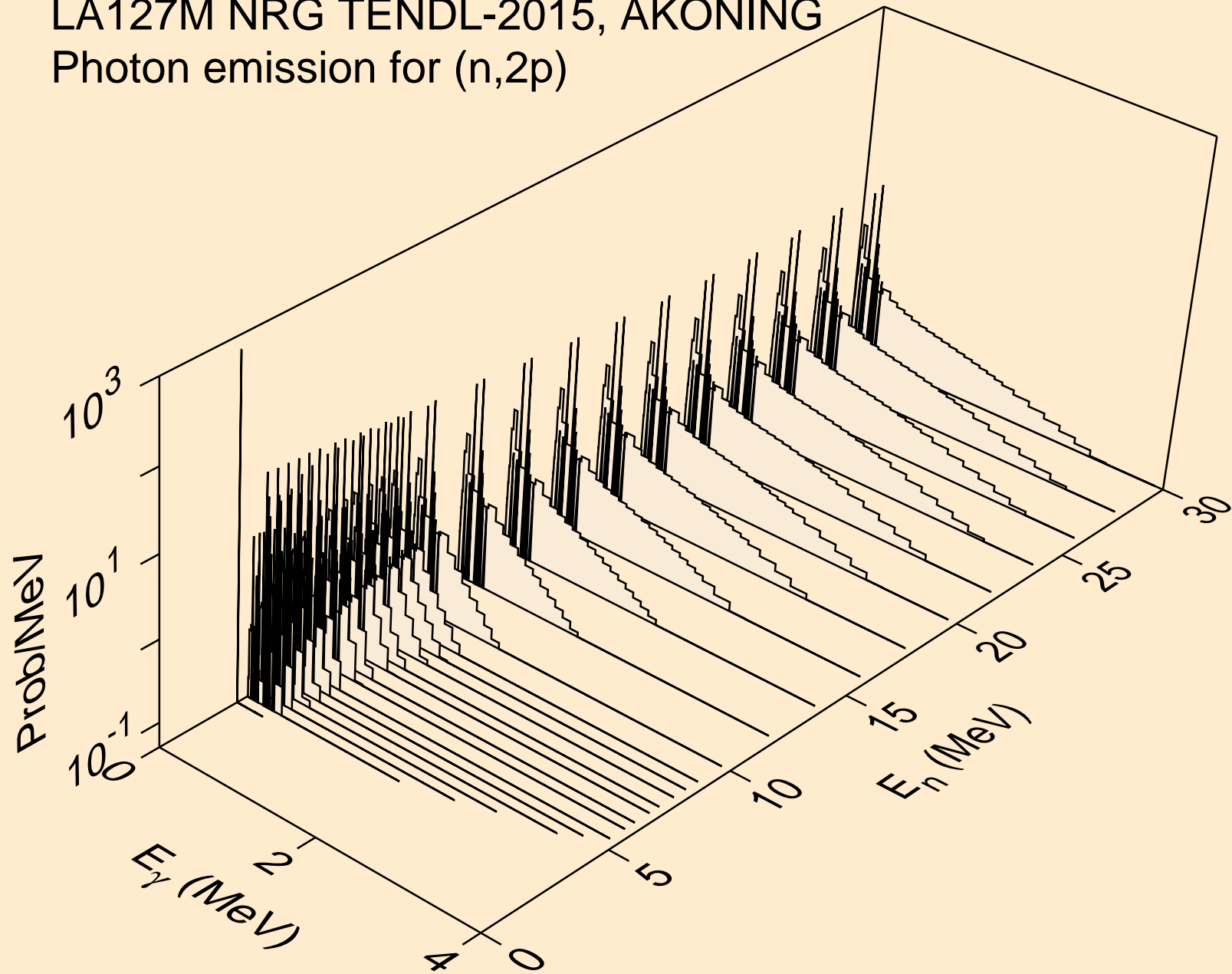




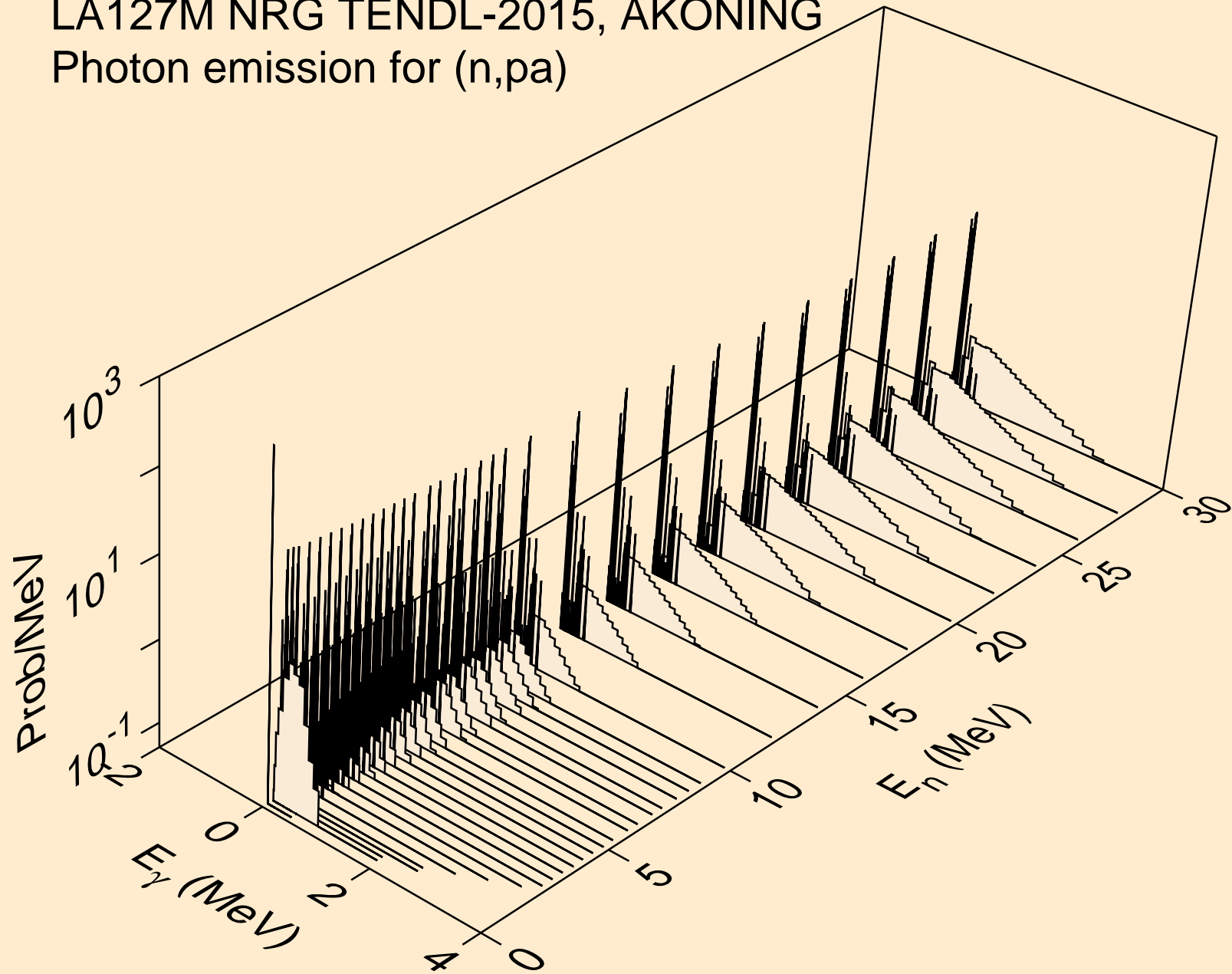
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Photon emission for (n,3a)



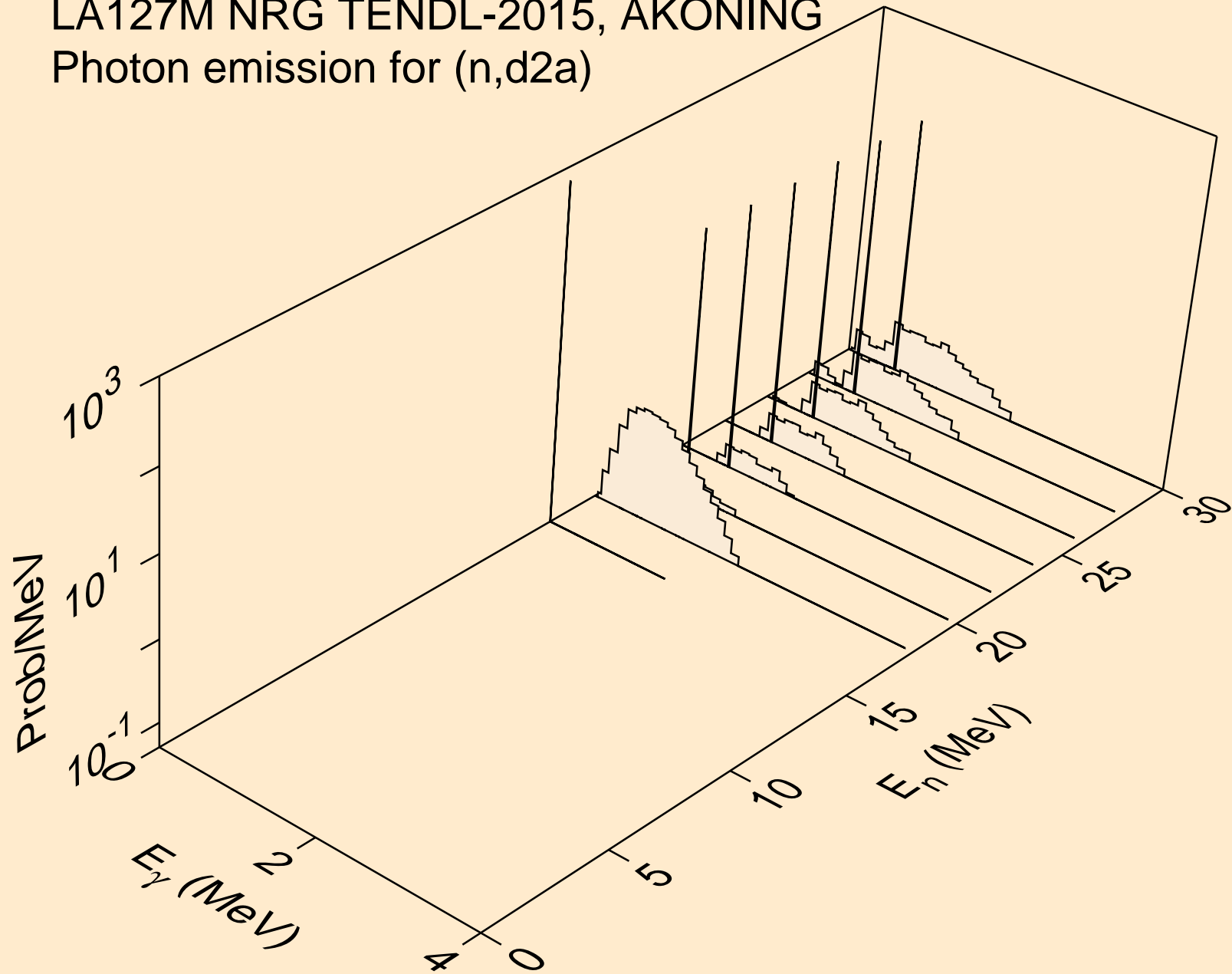
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Photon emission for (n,2p)



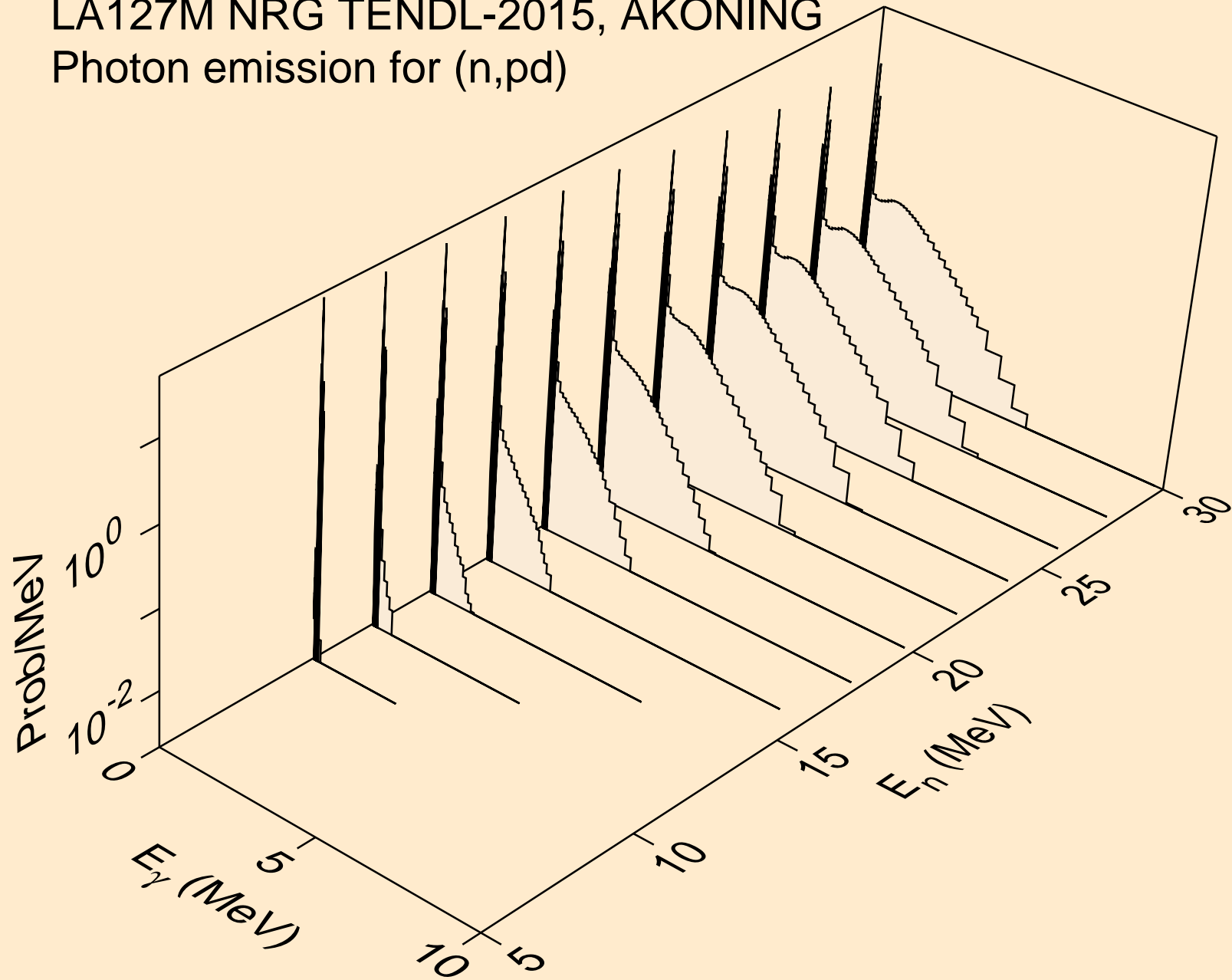
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Photon emission for (n,pa)



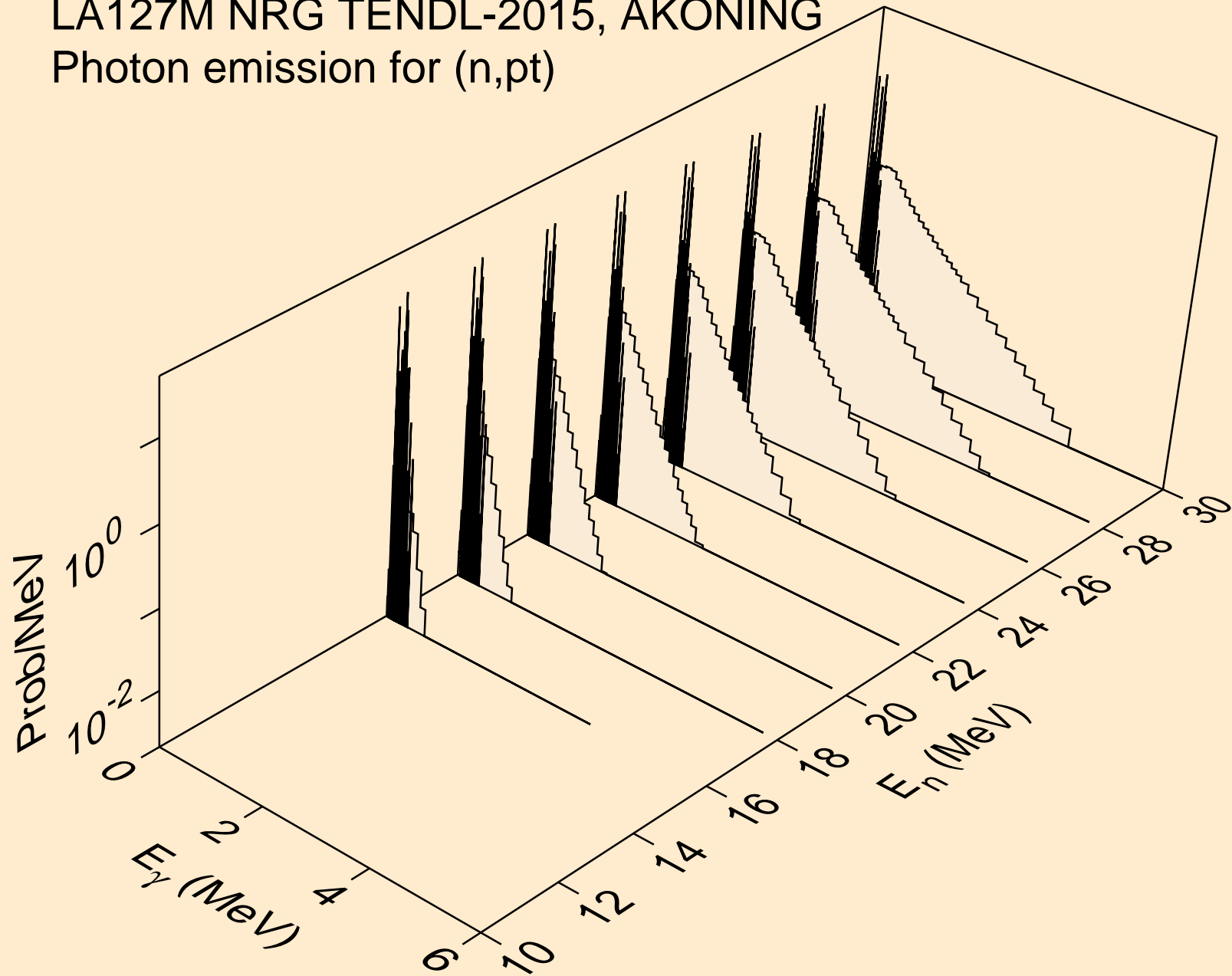
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Photon emission for (n,d2a)



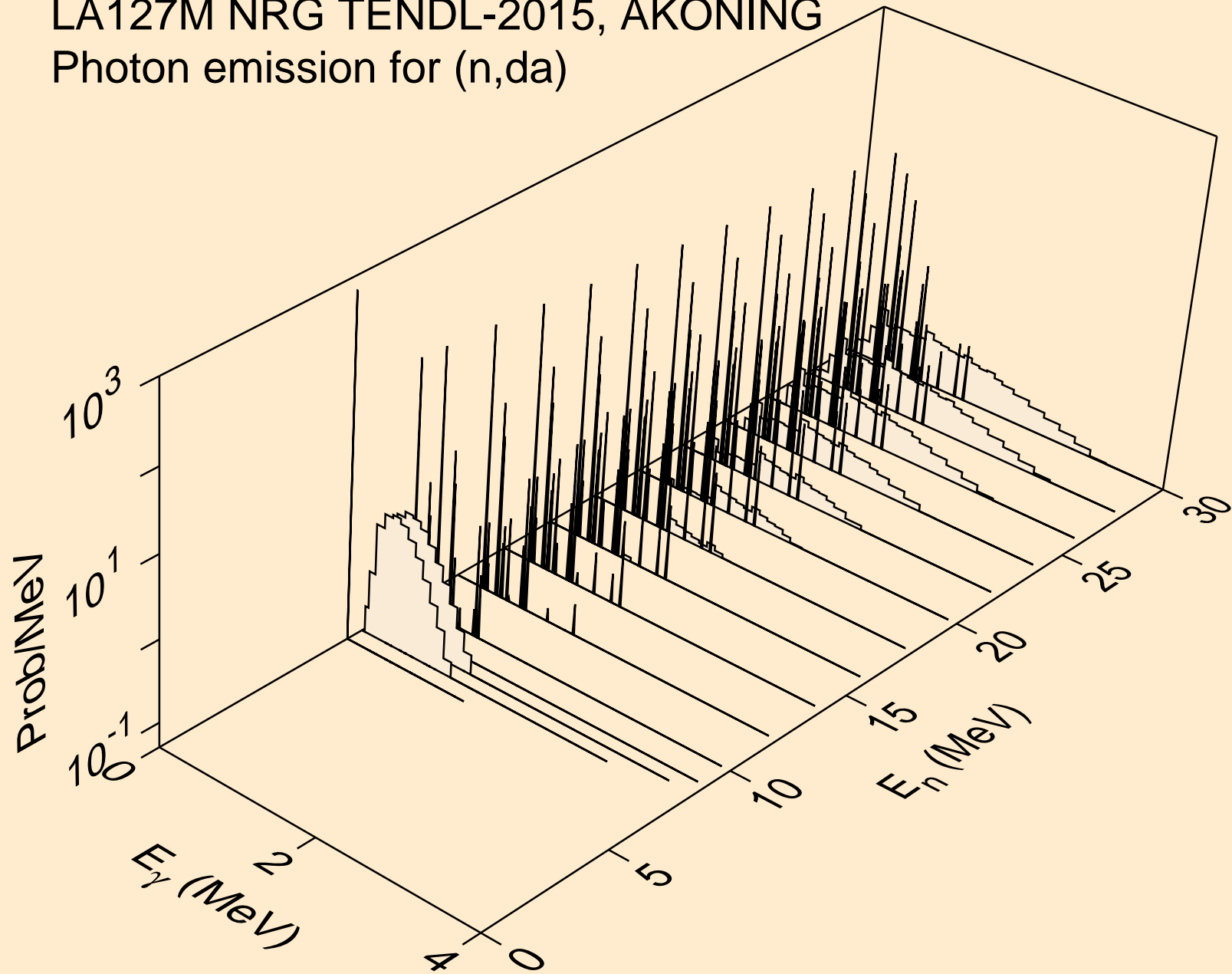
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Photon emission for (n,pd)



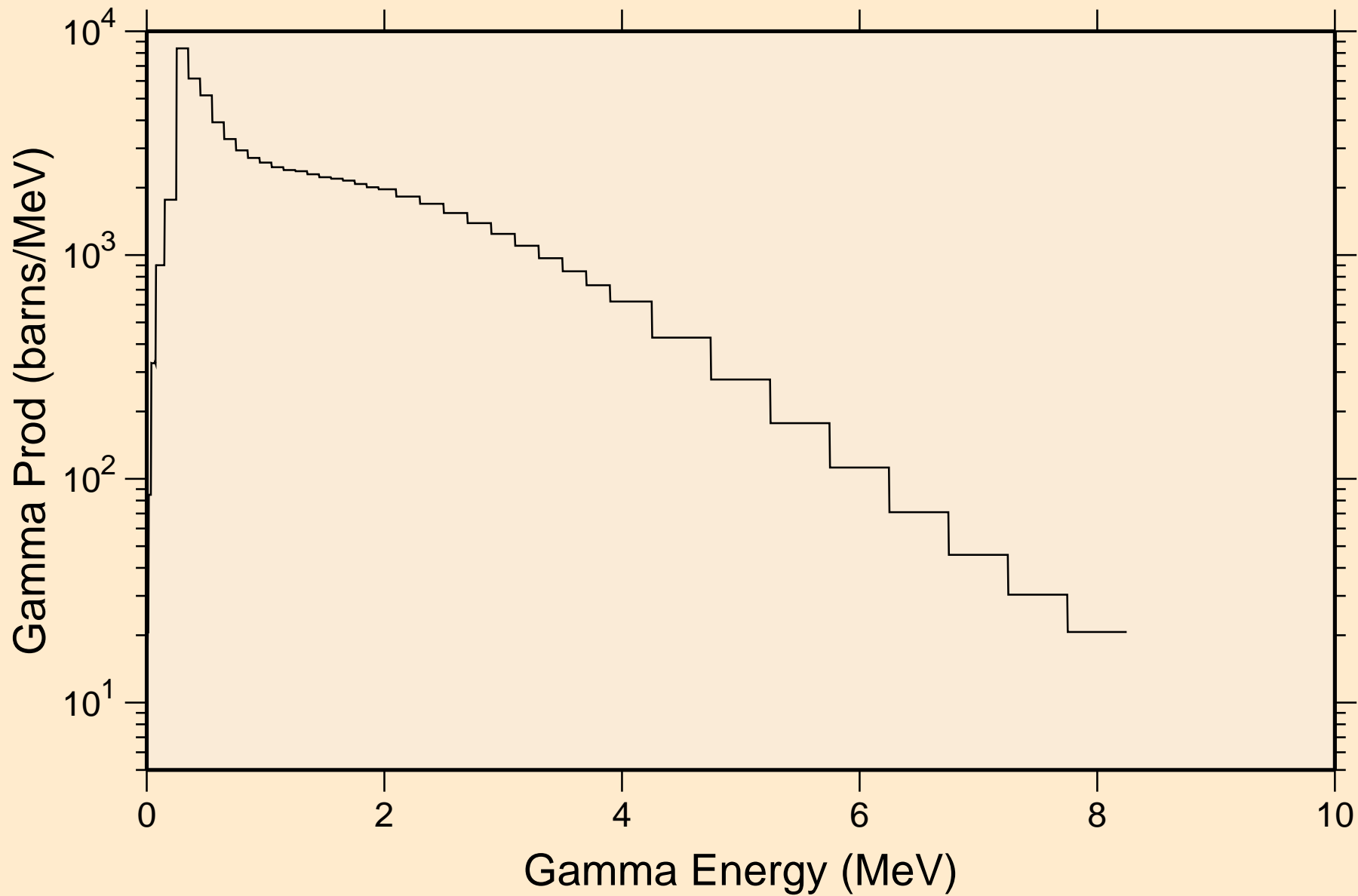
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Photon emission for (n,pt)



LA127M NRG TENDL-2015, AKONING  
Photon emission for (n,da)

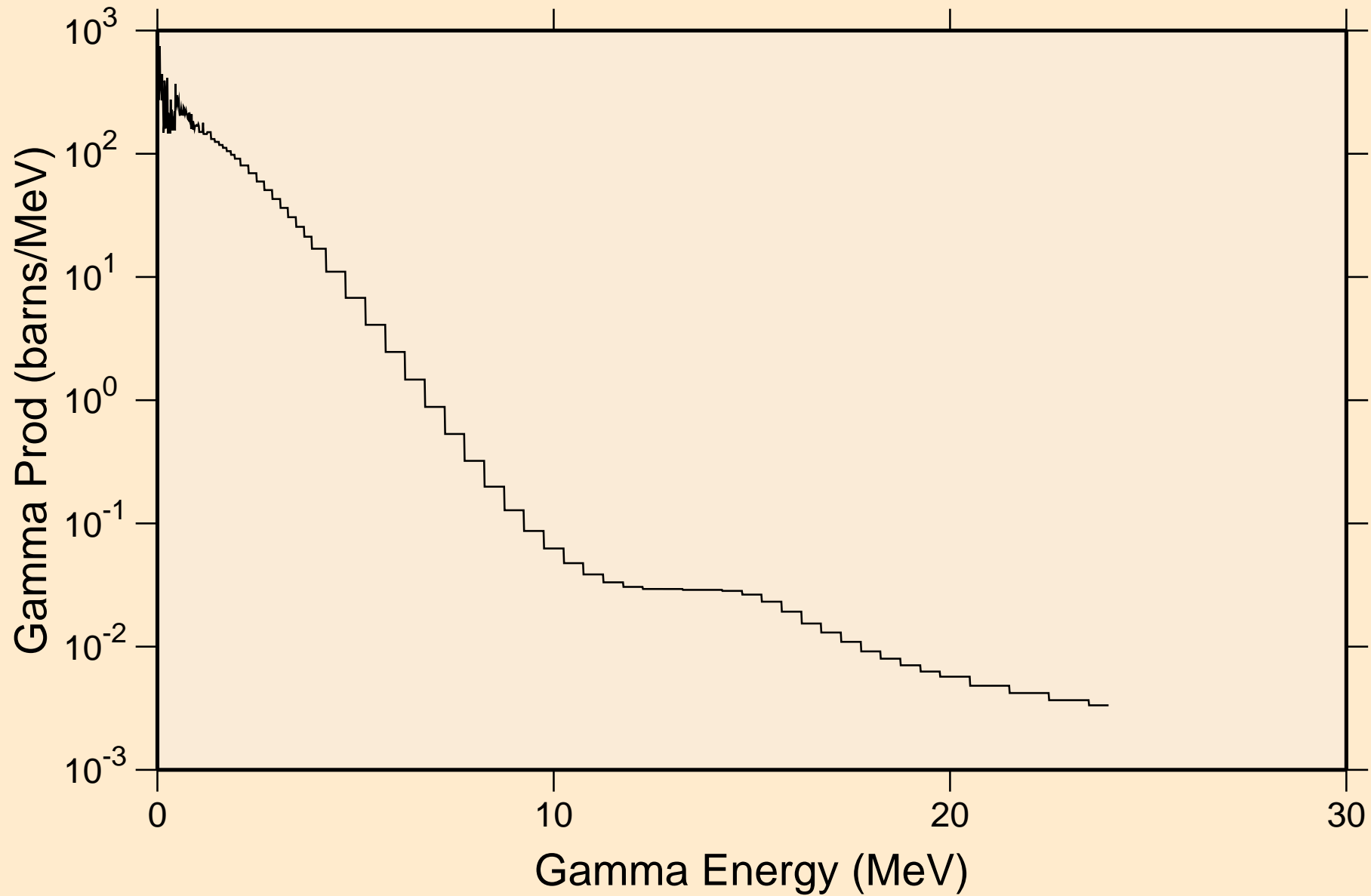


LA127M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



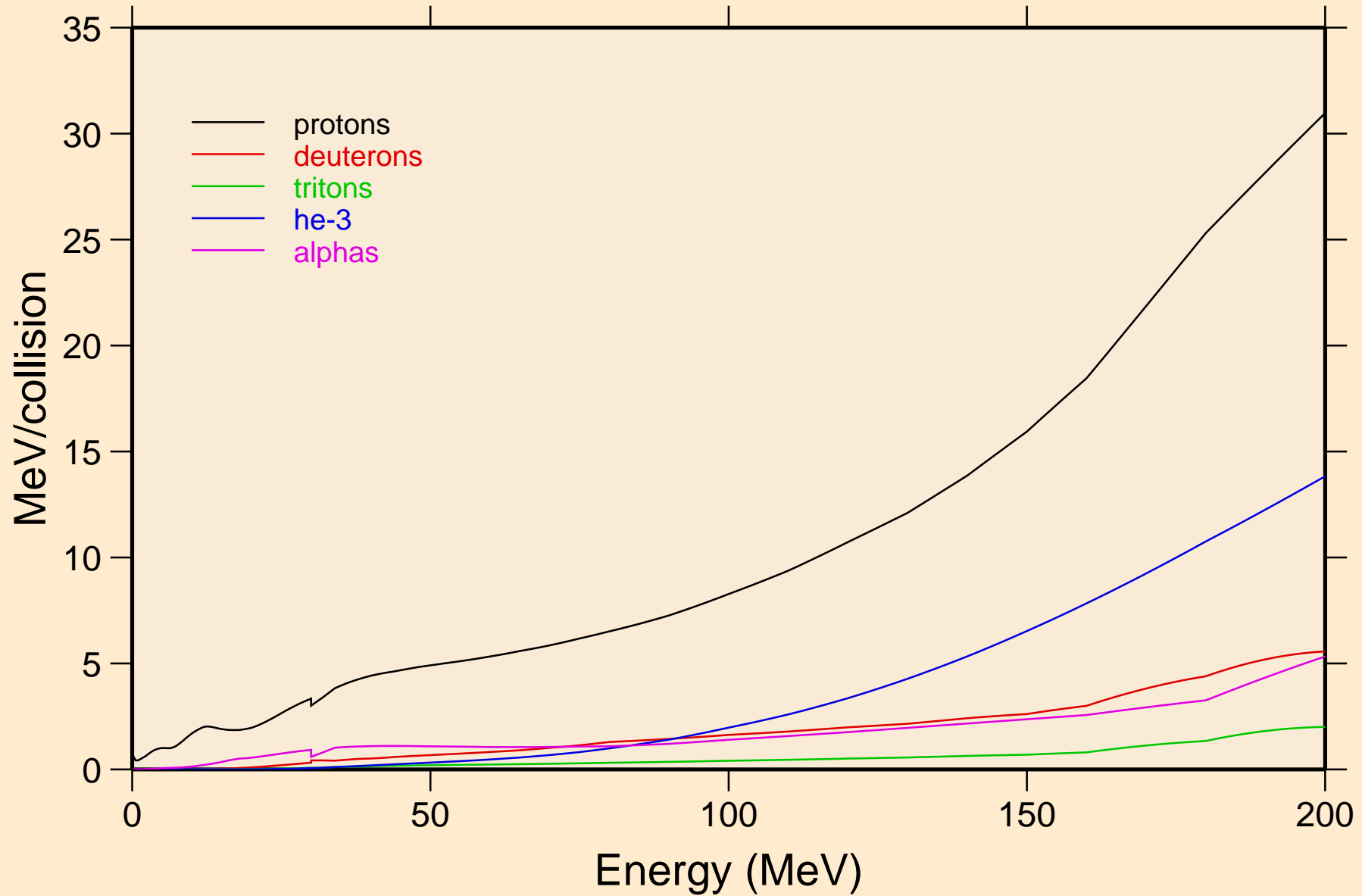


LA127M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



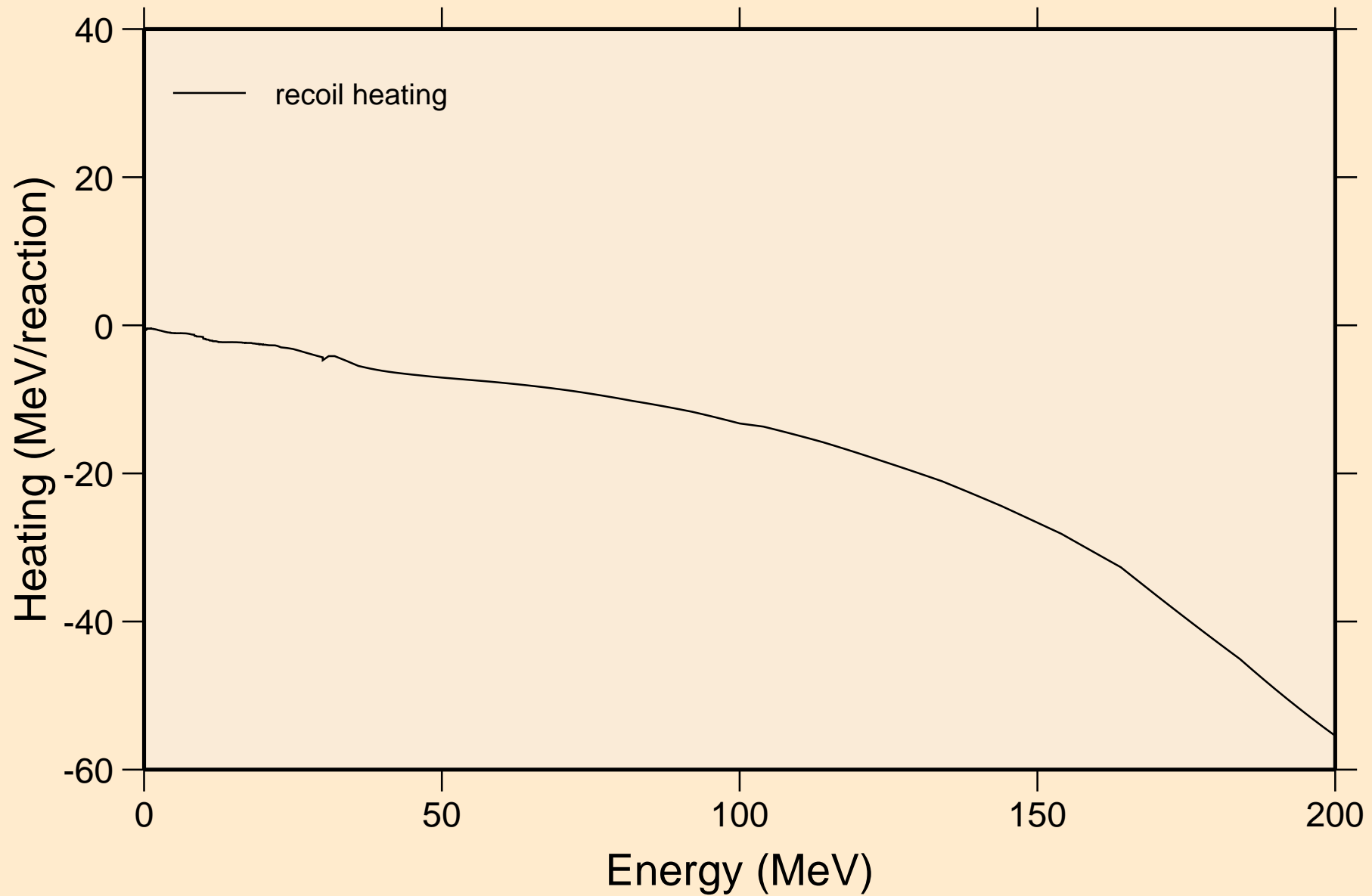
# LA127M NRG TENDL-2015, AKONING

## Particle heating contributions

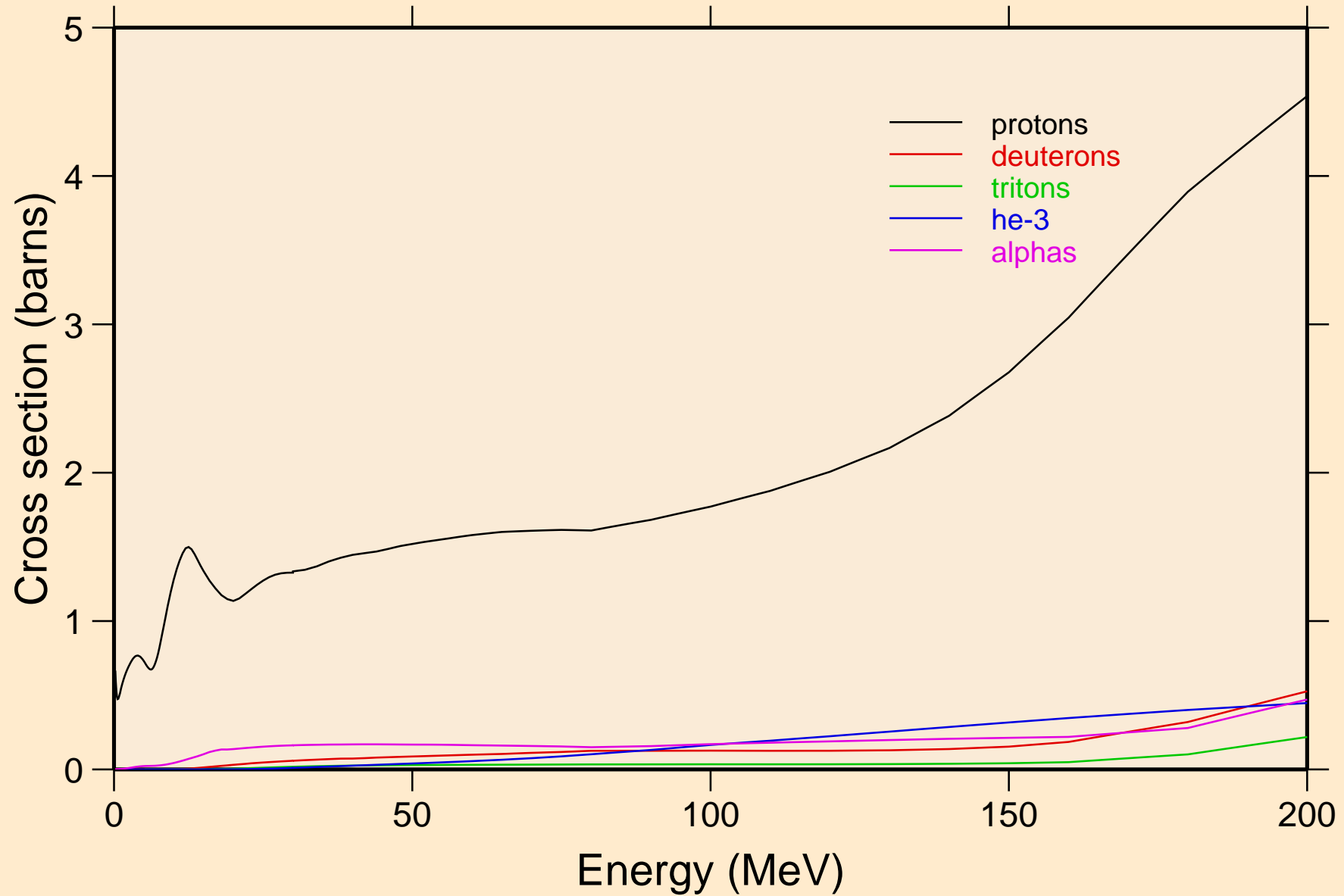


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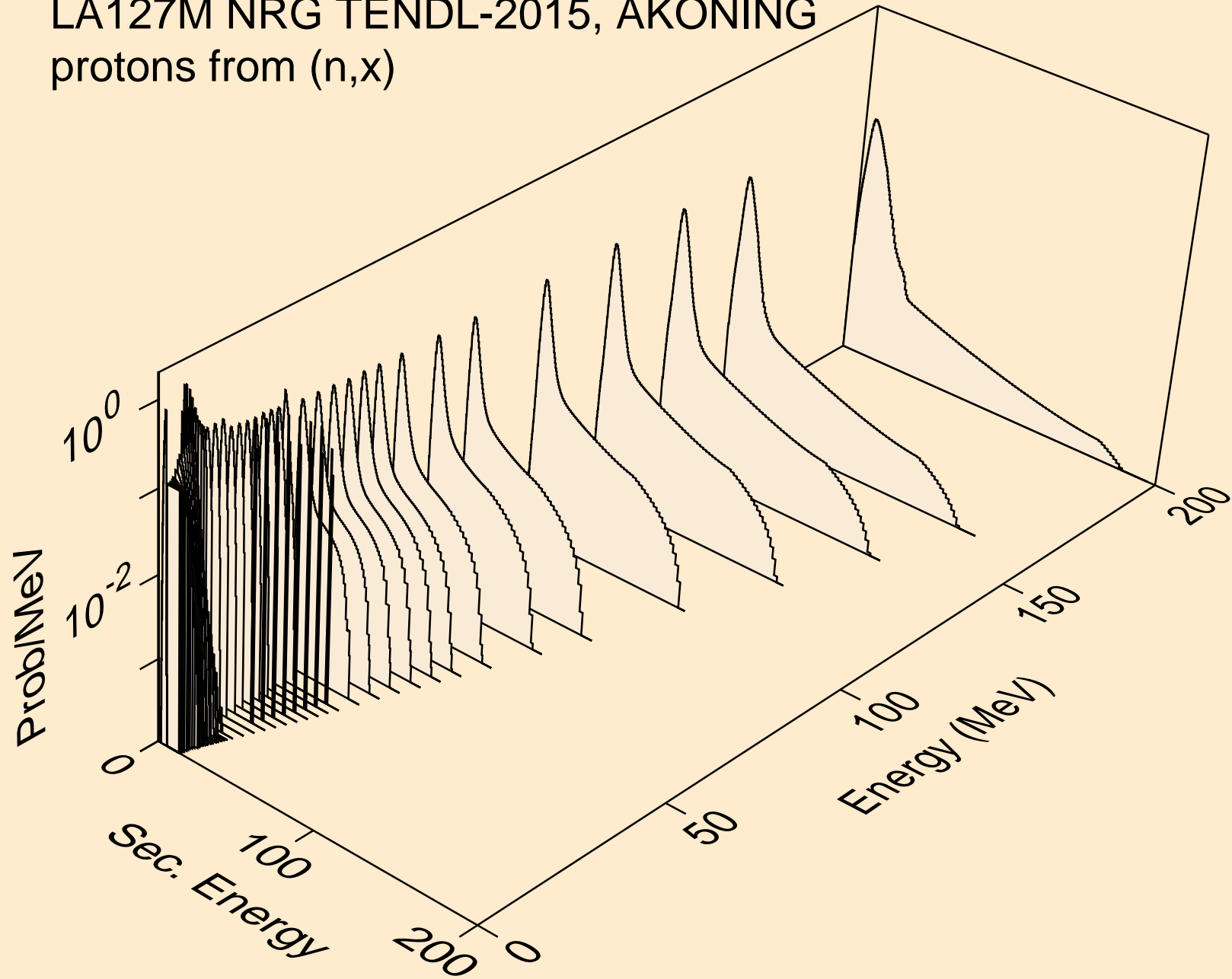
## Recoil Heating



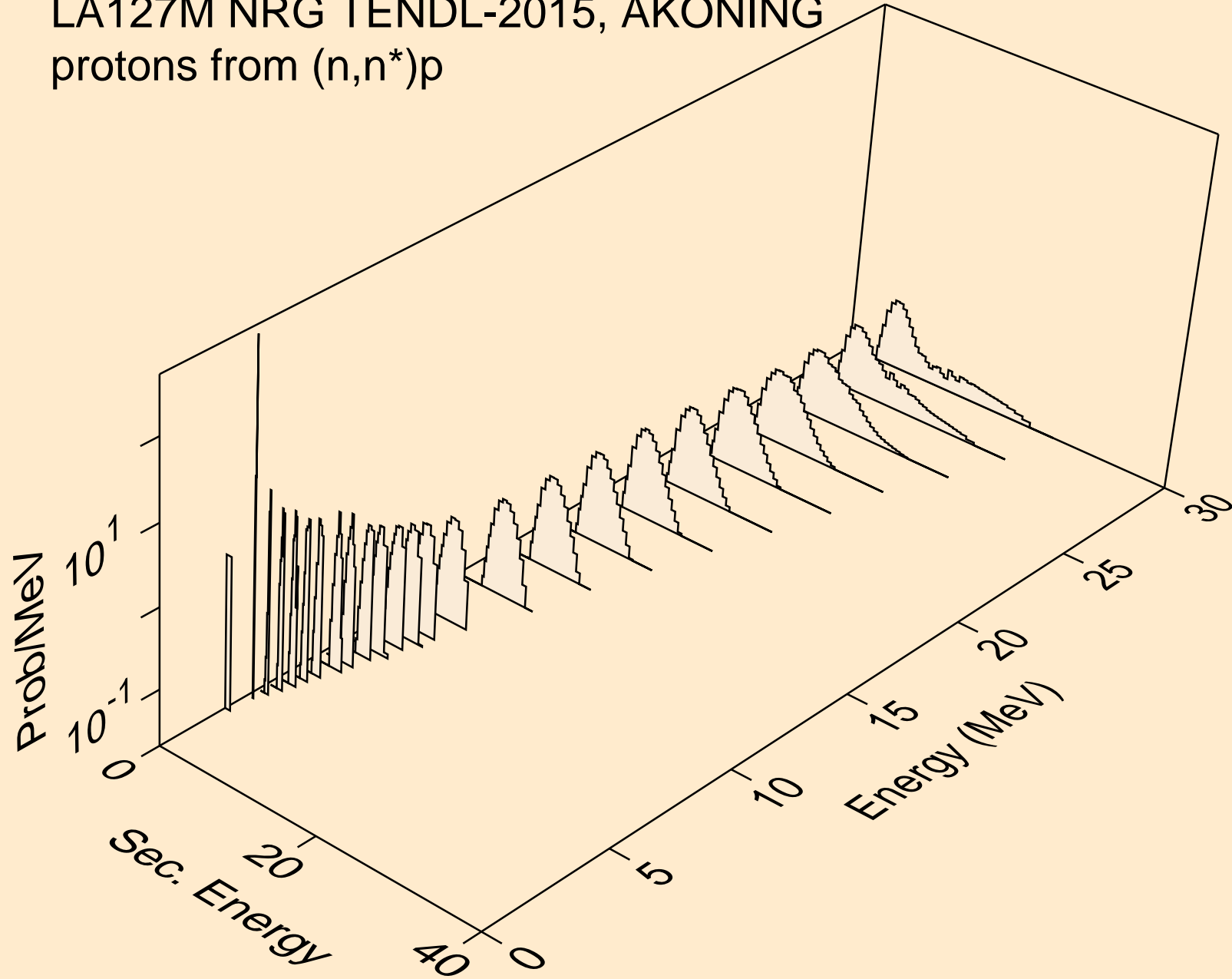
LA127M NRG TENDL-2015, AKONING  
Particle production cross sections



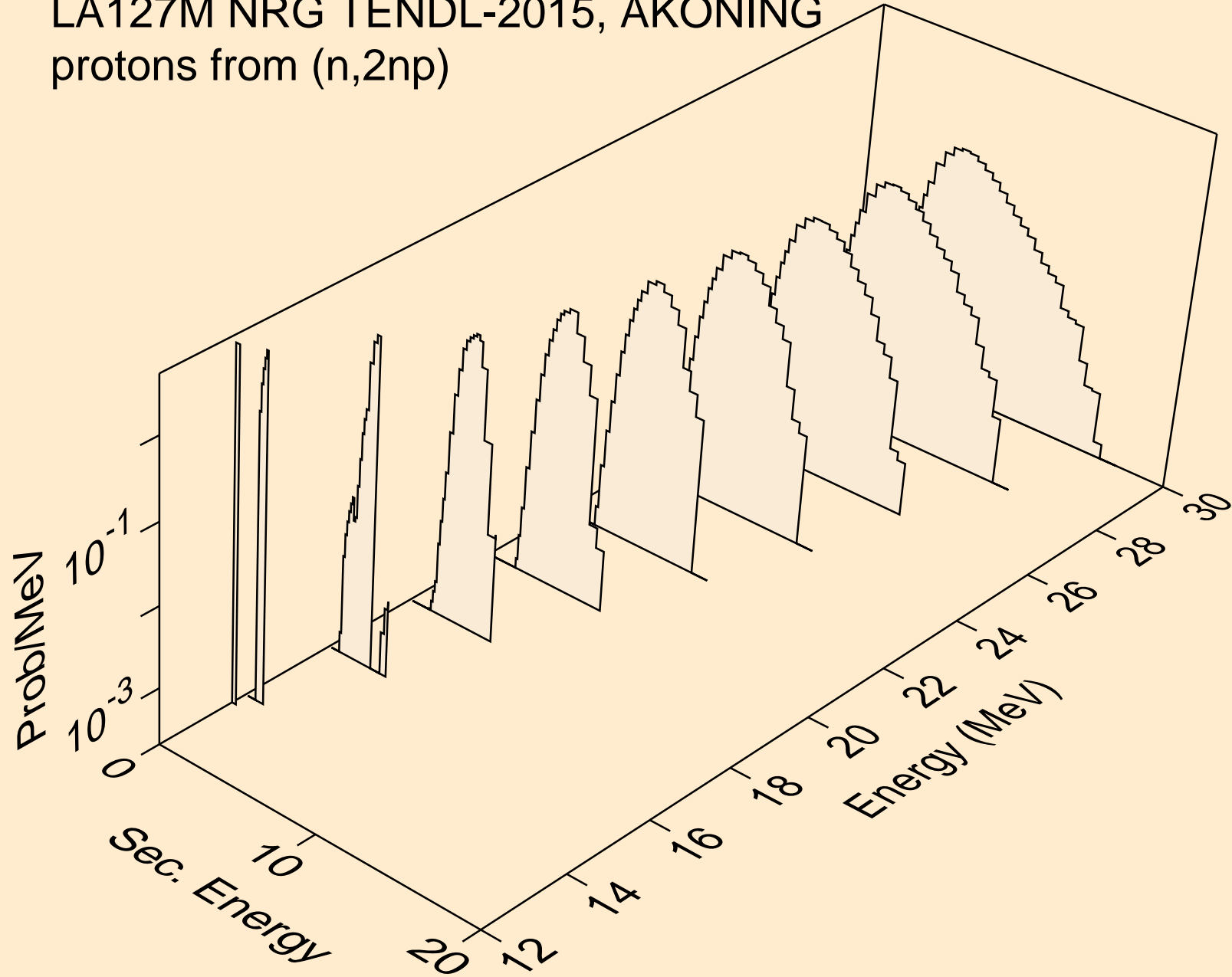
LA127M NRG TENDL-2015, AKONING  
protons from (n,x)



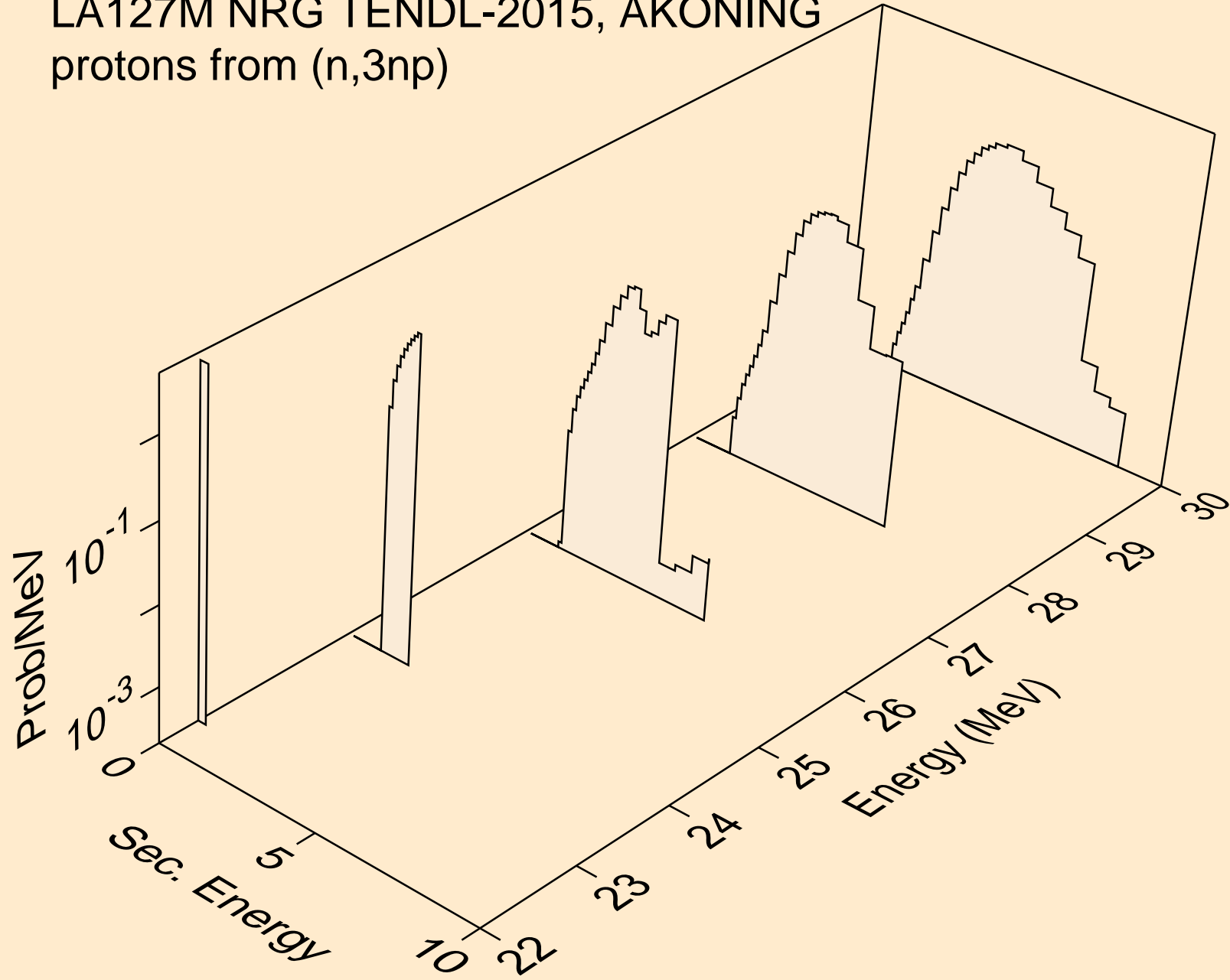
LA127M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



LA127M NRG TENDL-2015, AKONING  
protons from (n,2np)

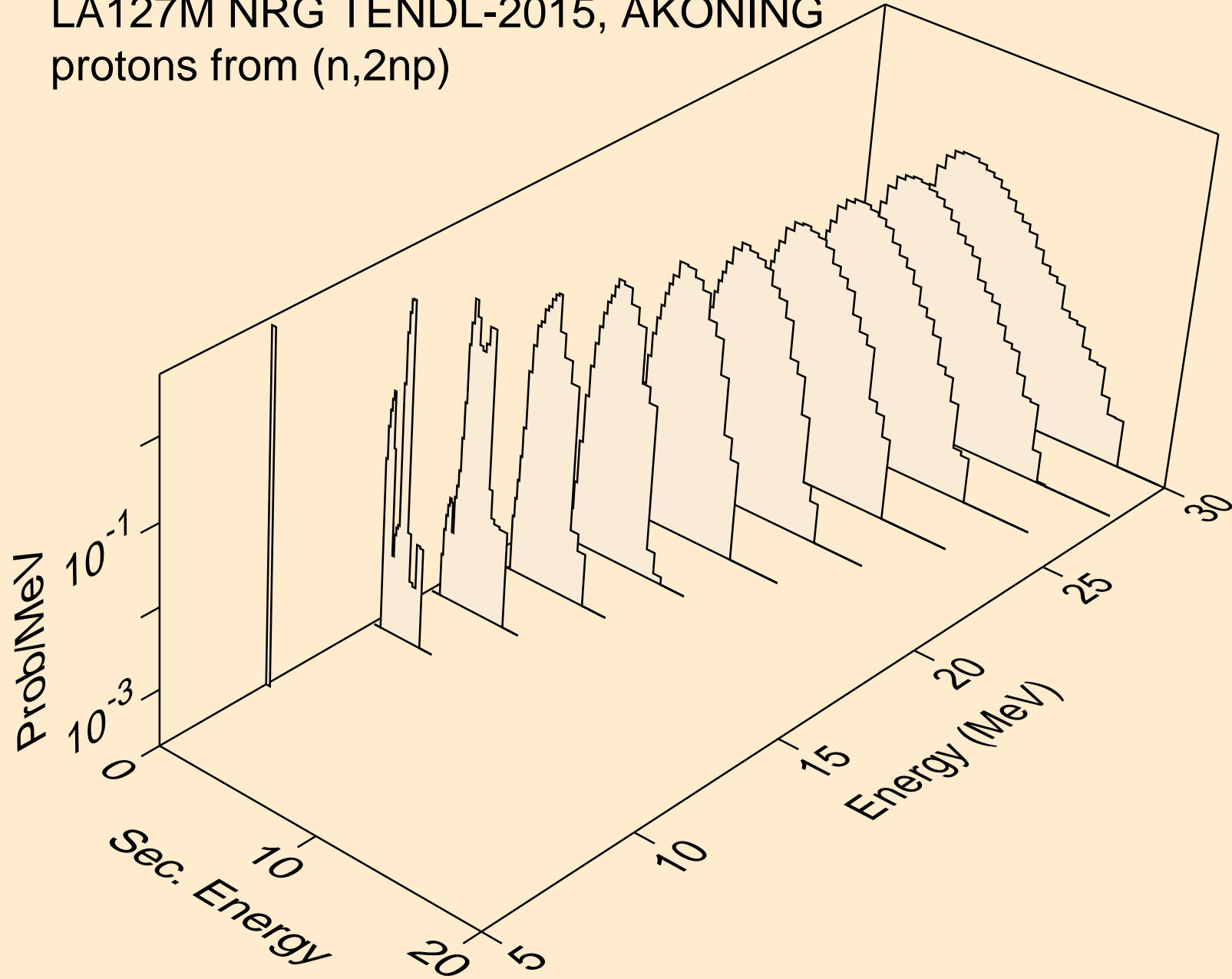


LA127M NRG TENDL-2015, AKONING  
protons from (n,3np)

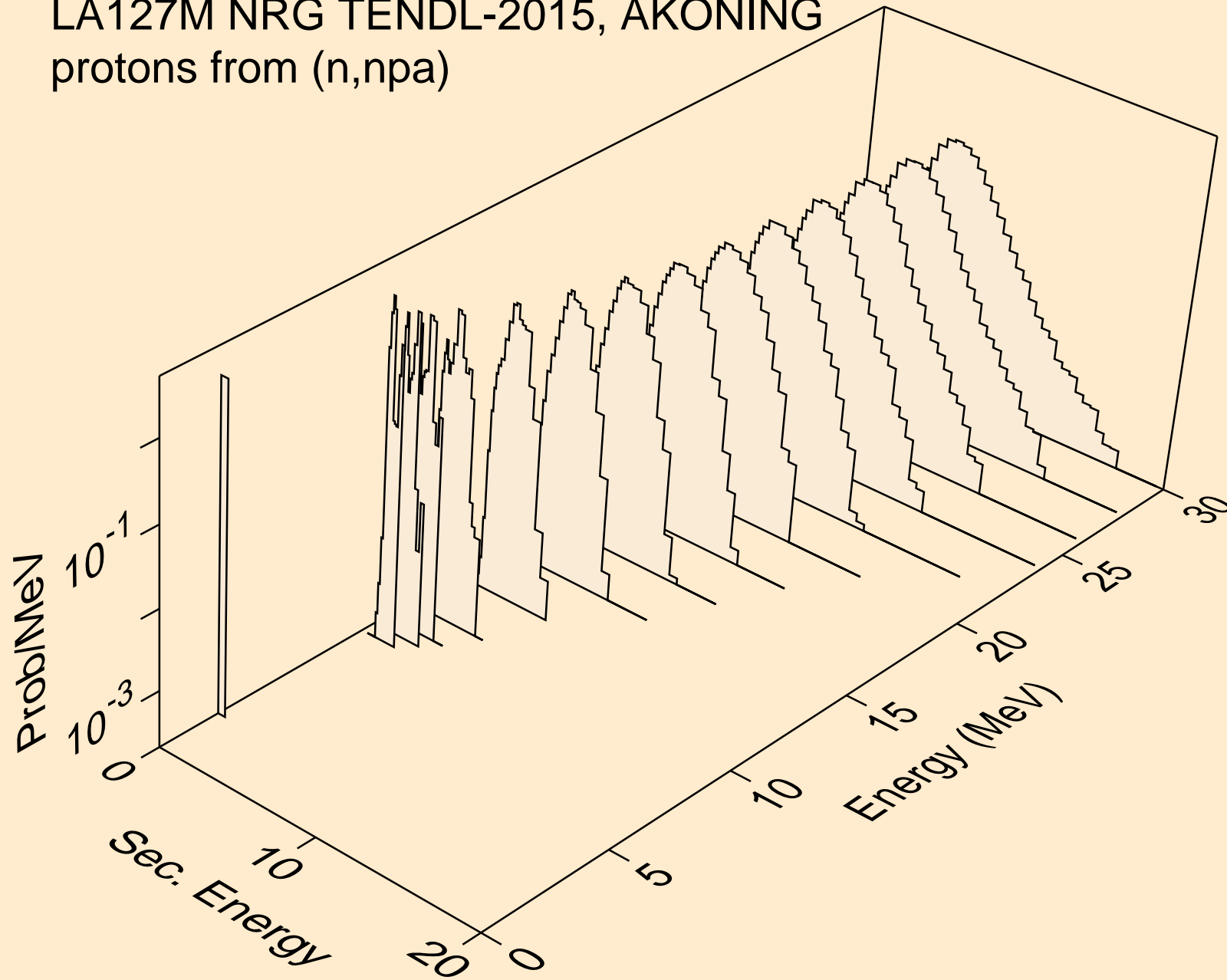




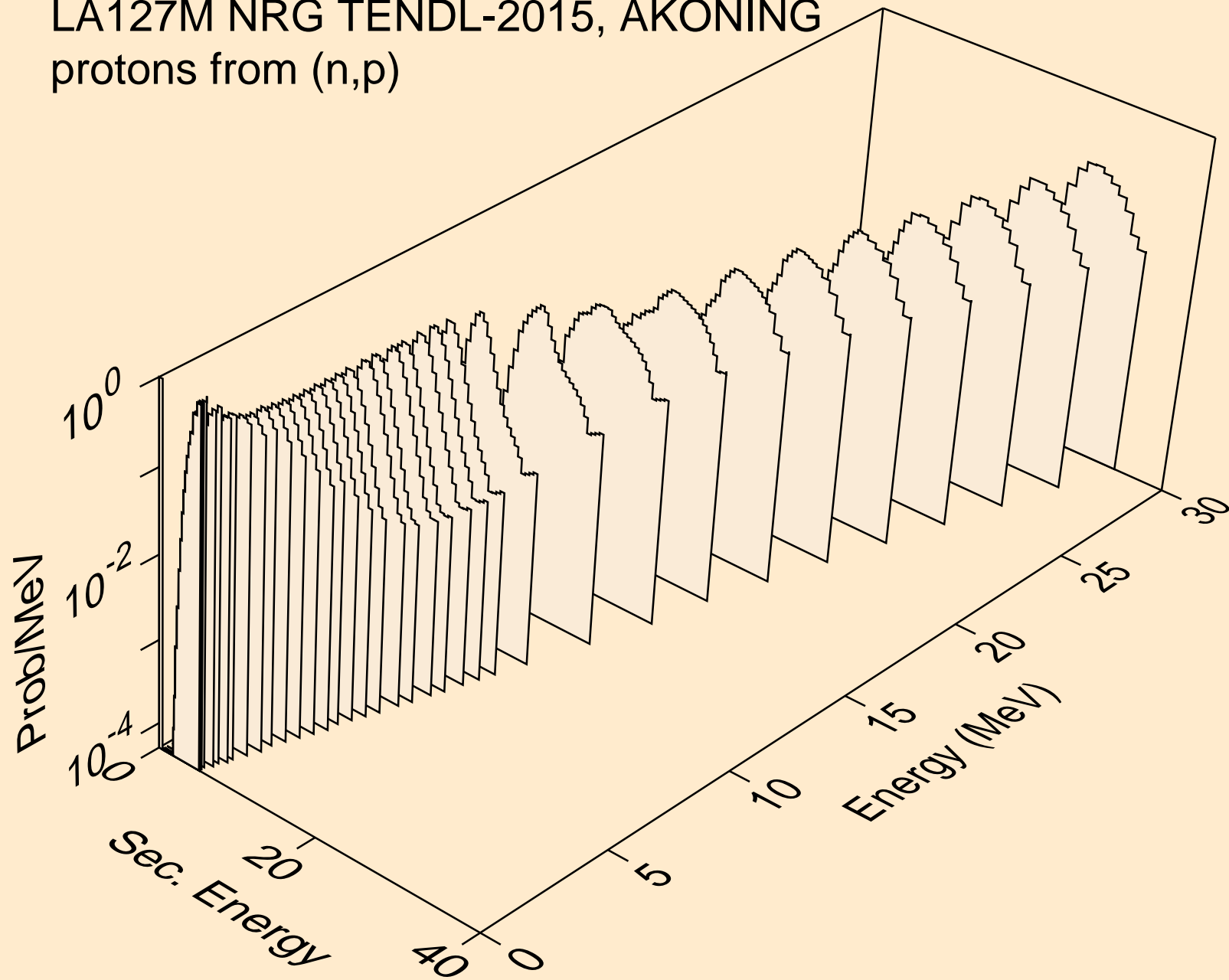
LA127M NRG TENDL-2015, AKONING  
protons from (n,2np)



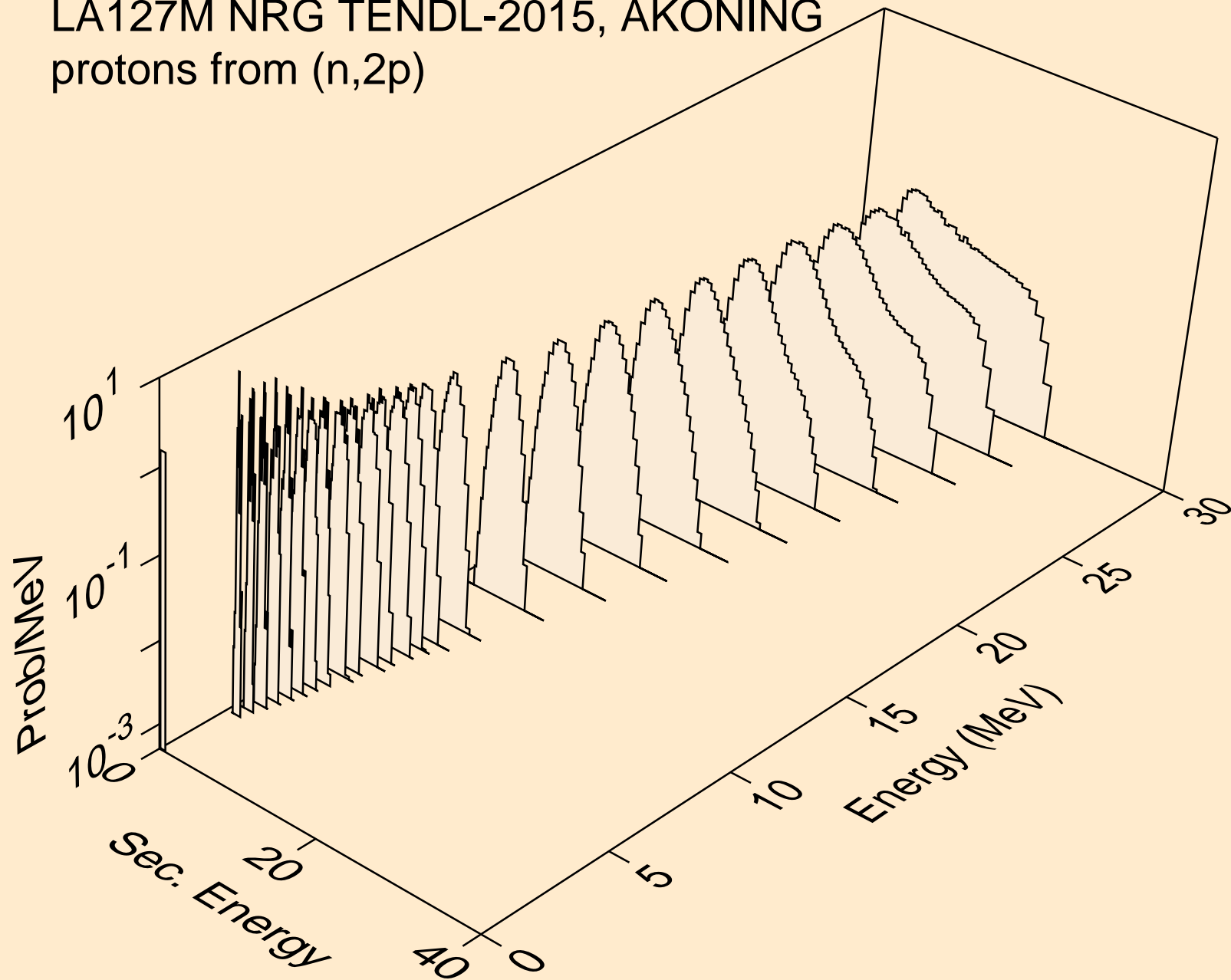
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protons from (n,npa)



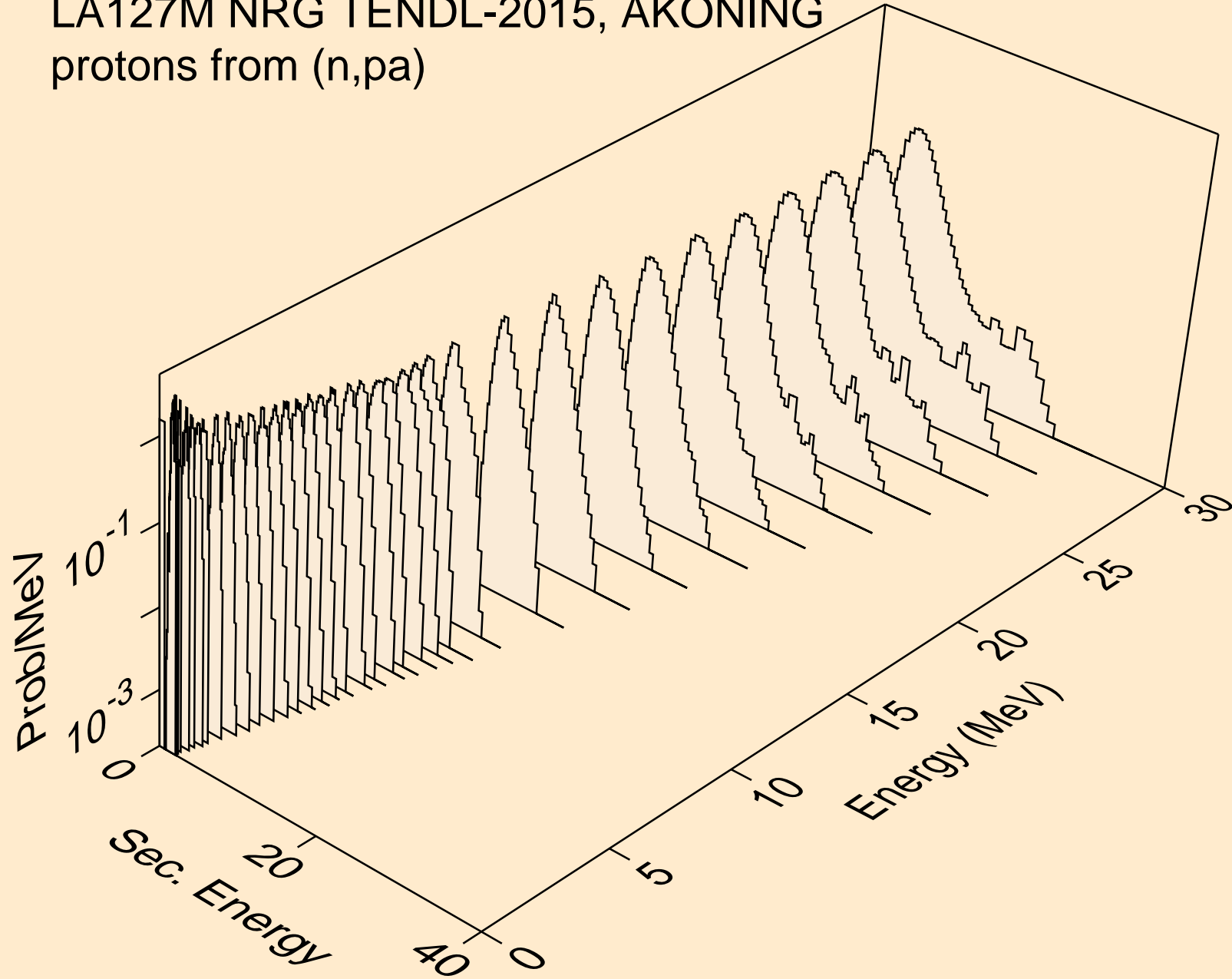
LA127M NRG TENDL-2015, AKONING  
protons from (n,p)



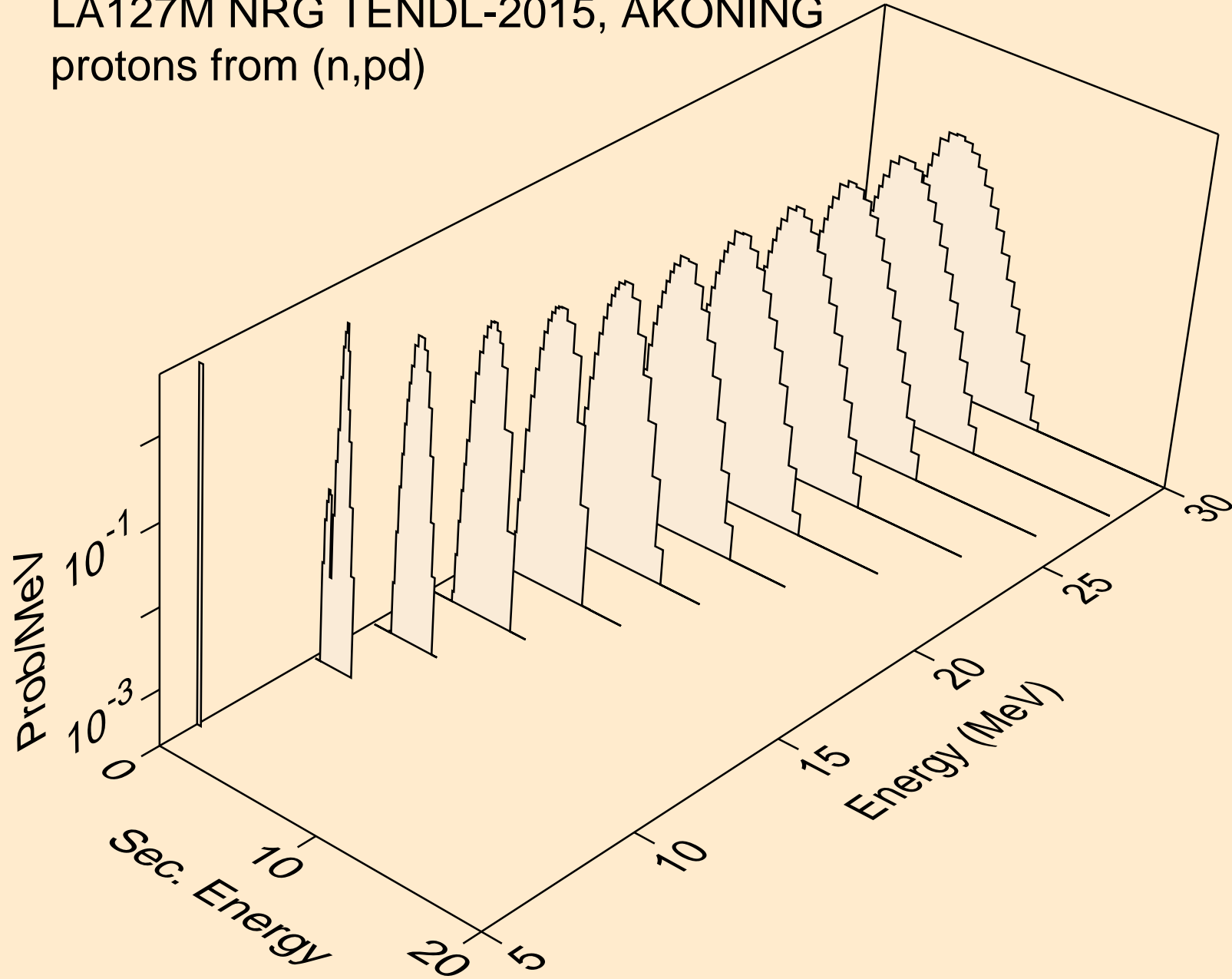
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protons from (n,2p)



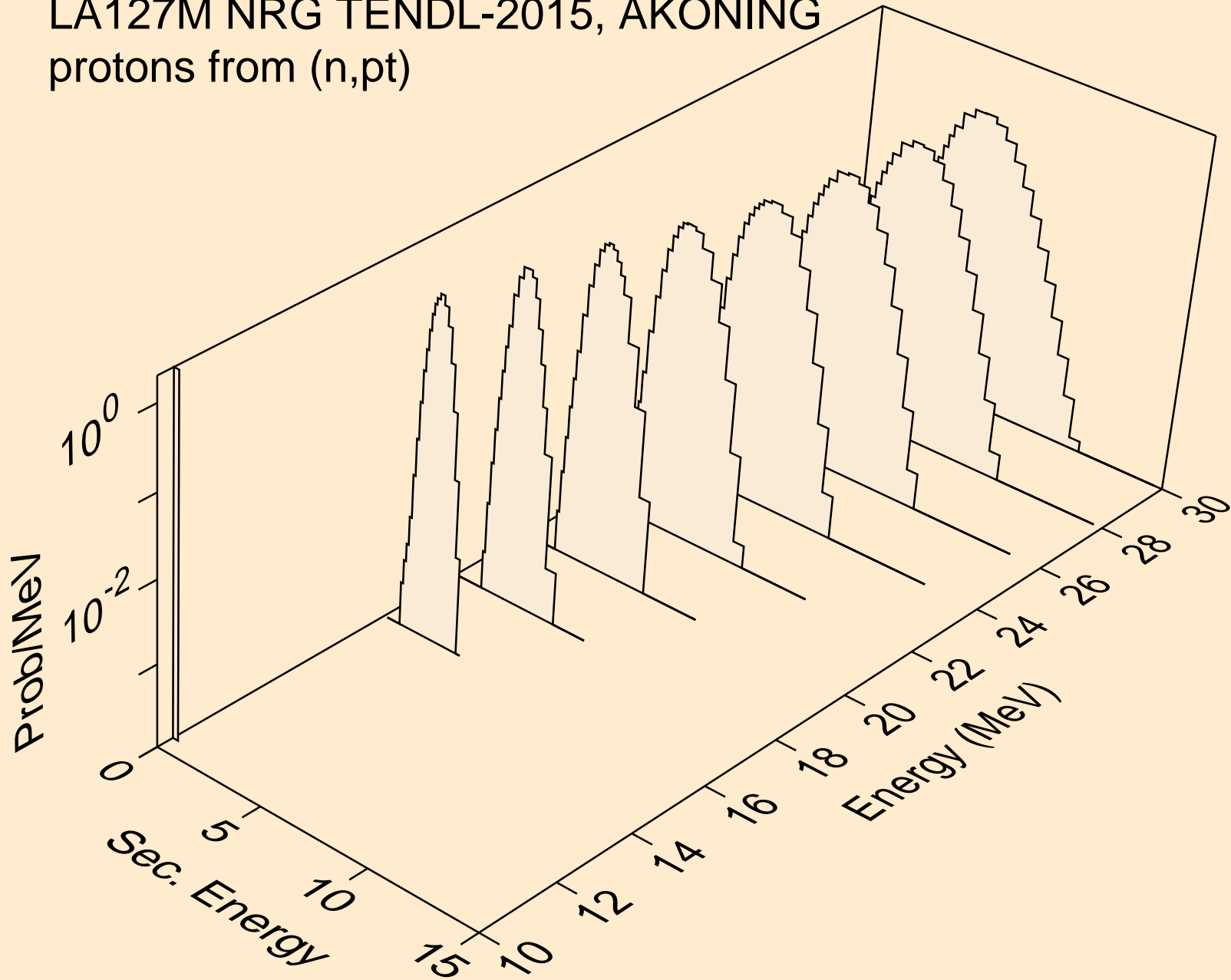
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protons from (n,pa)



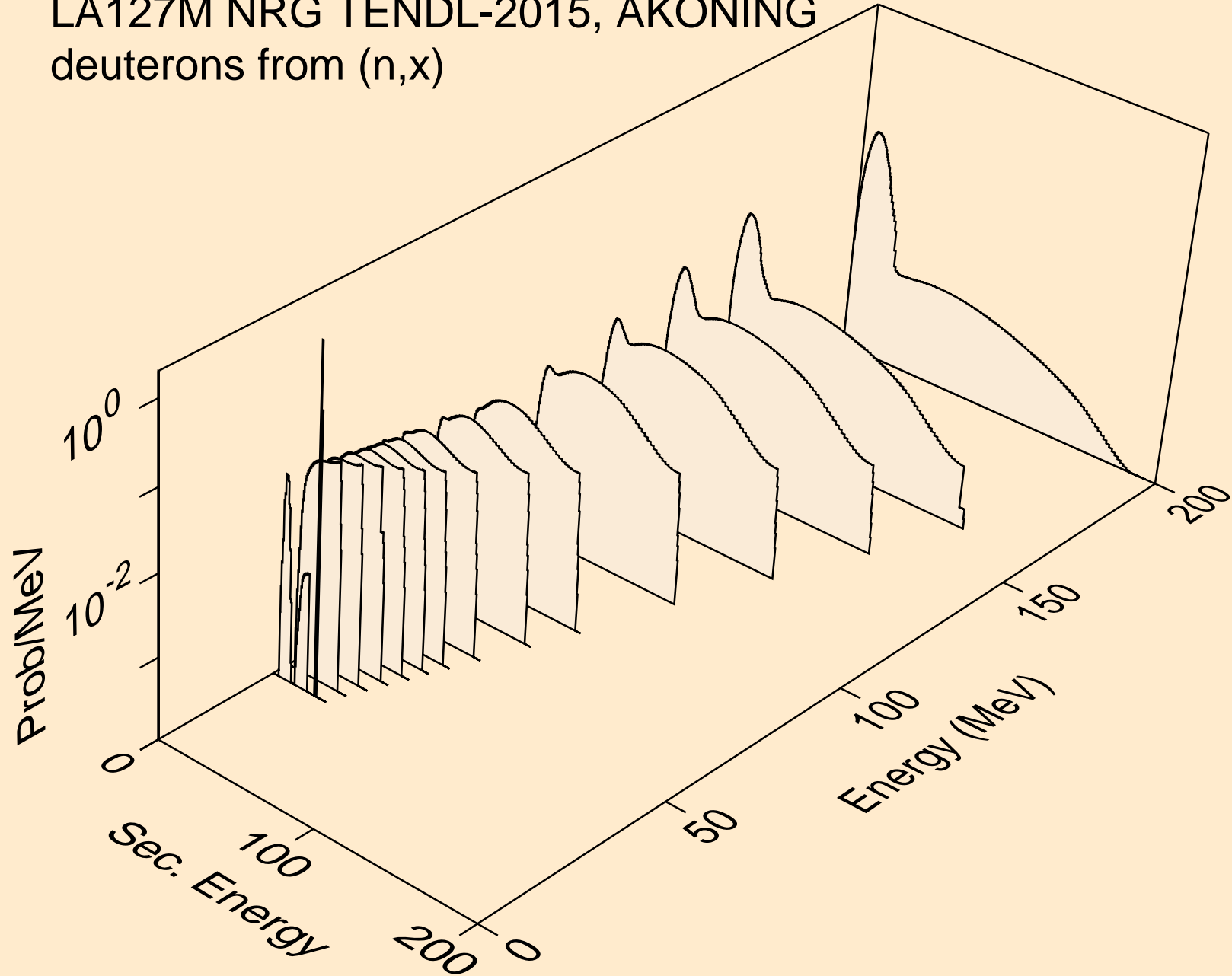
LA127M NRG TENDL-2015, AKONING  
protons from (n,pd)



LA127M NRG TENDL-2015, AKONING  
protons from (n,pt)

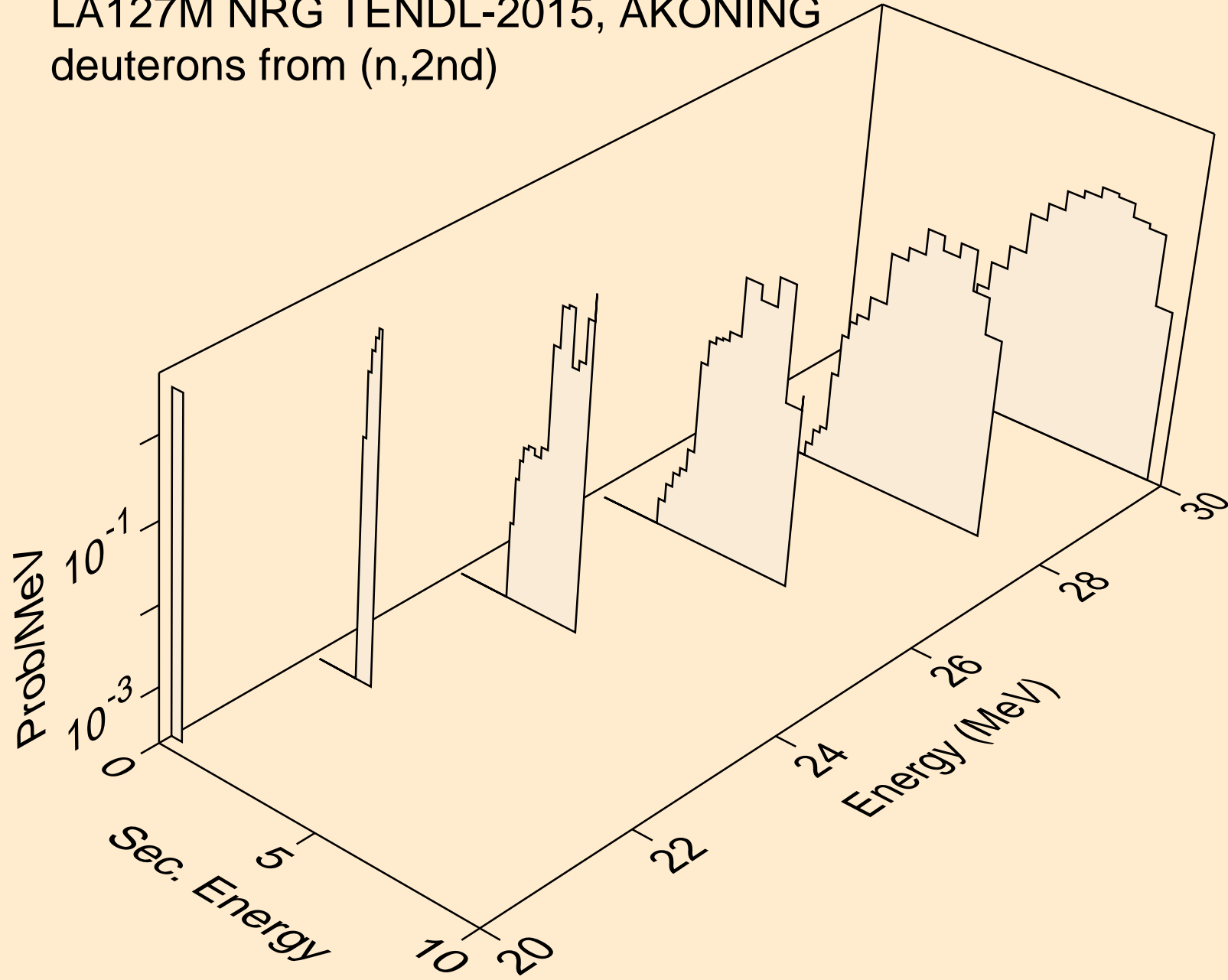


LA127M NRG TENDL-2015, AKONING  
deuterons from (n,x)

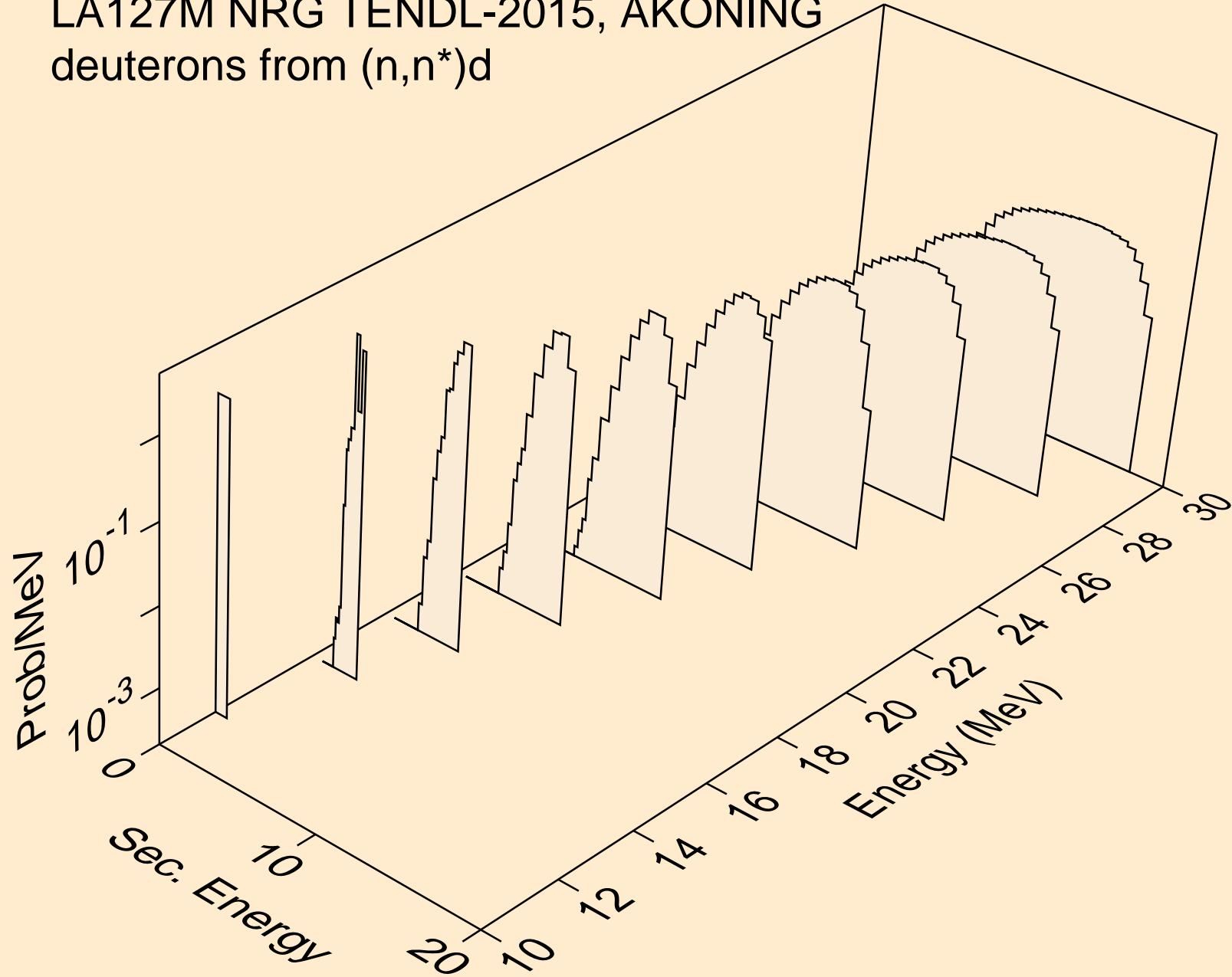




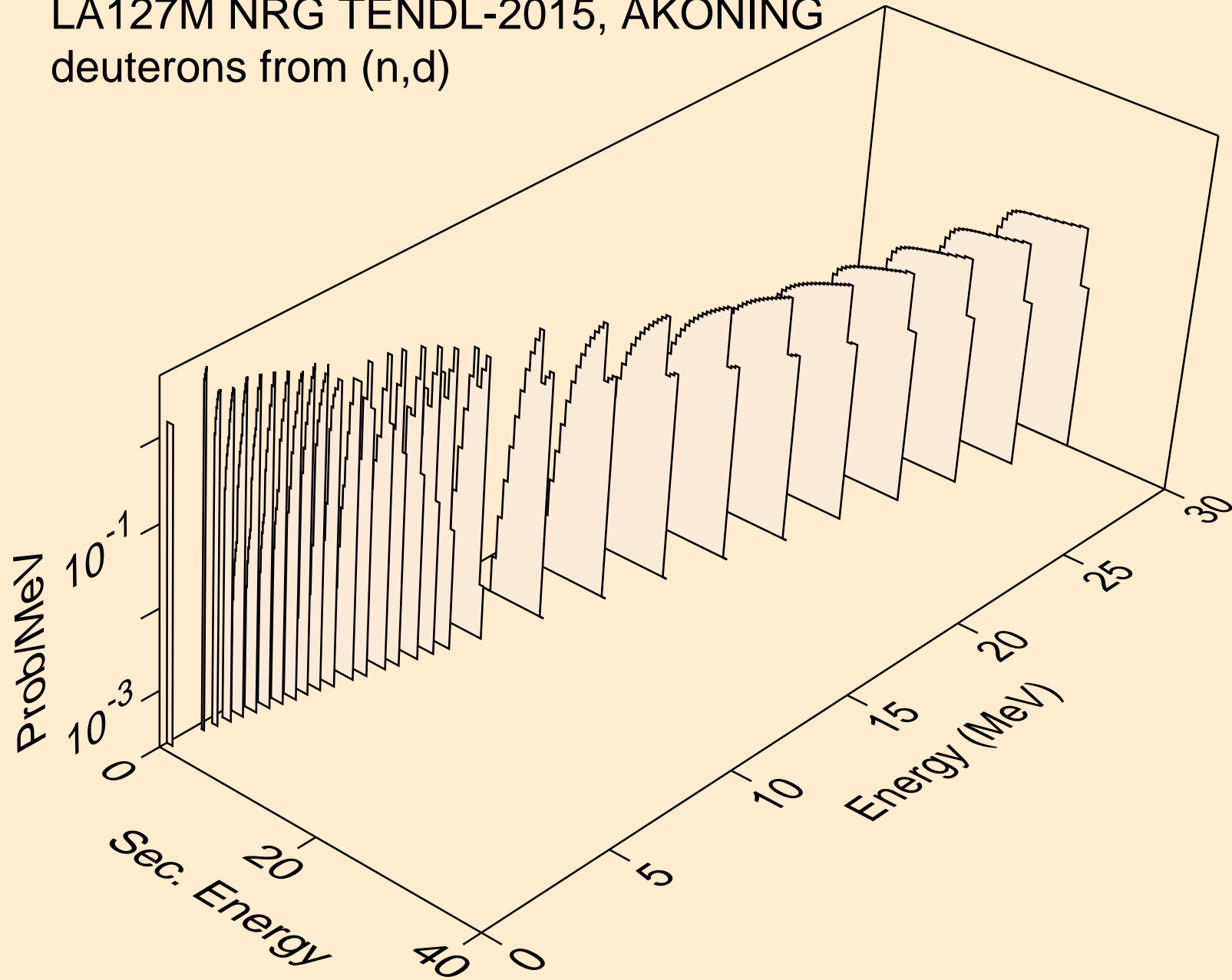
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deuterons from (n,2nd)



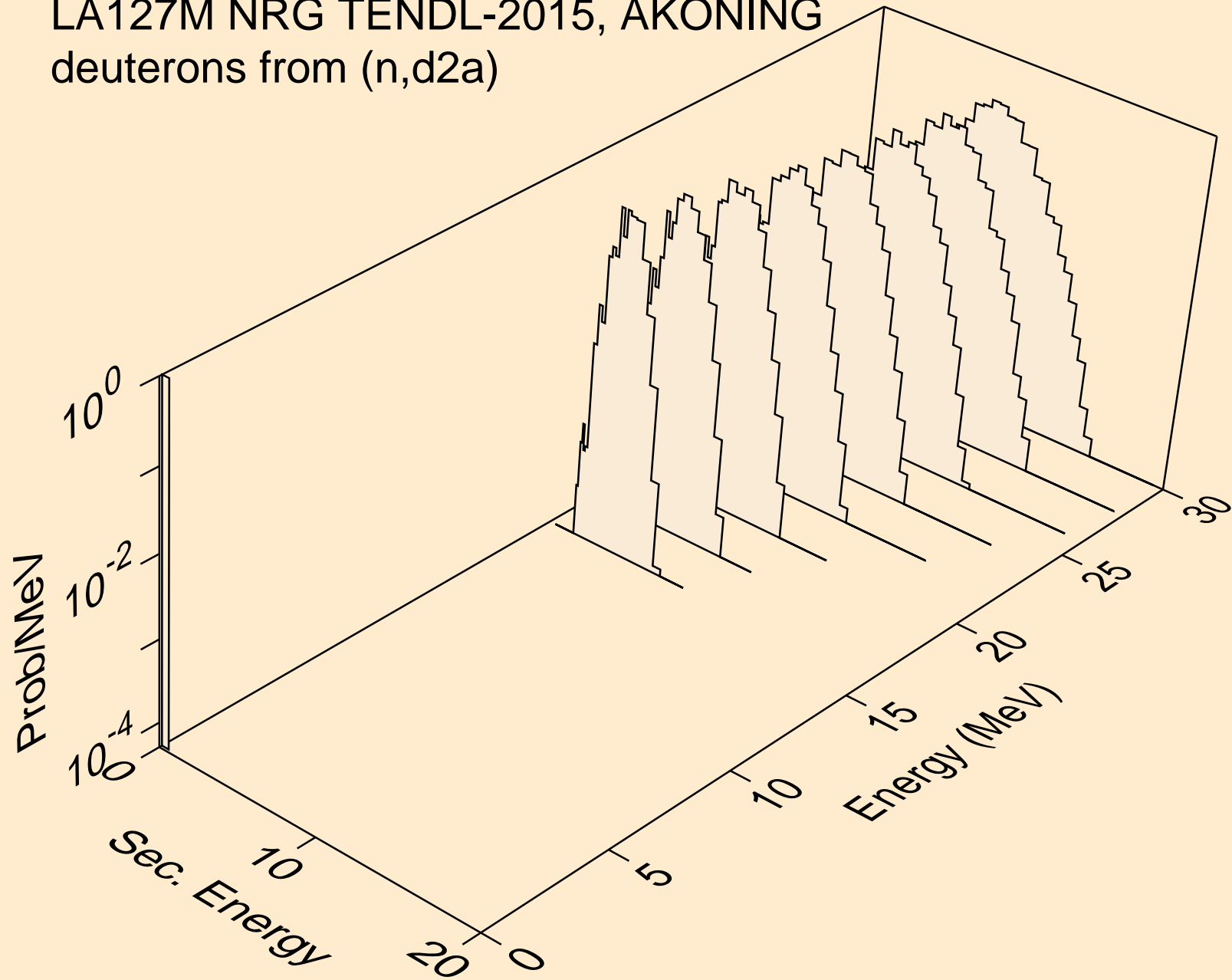
LA127M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



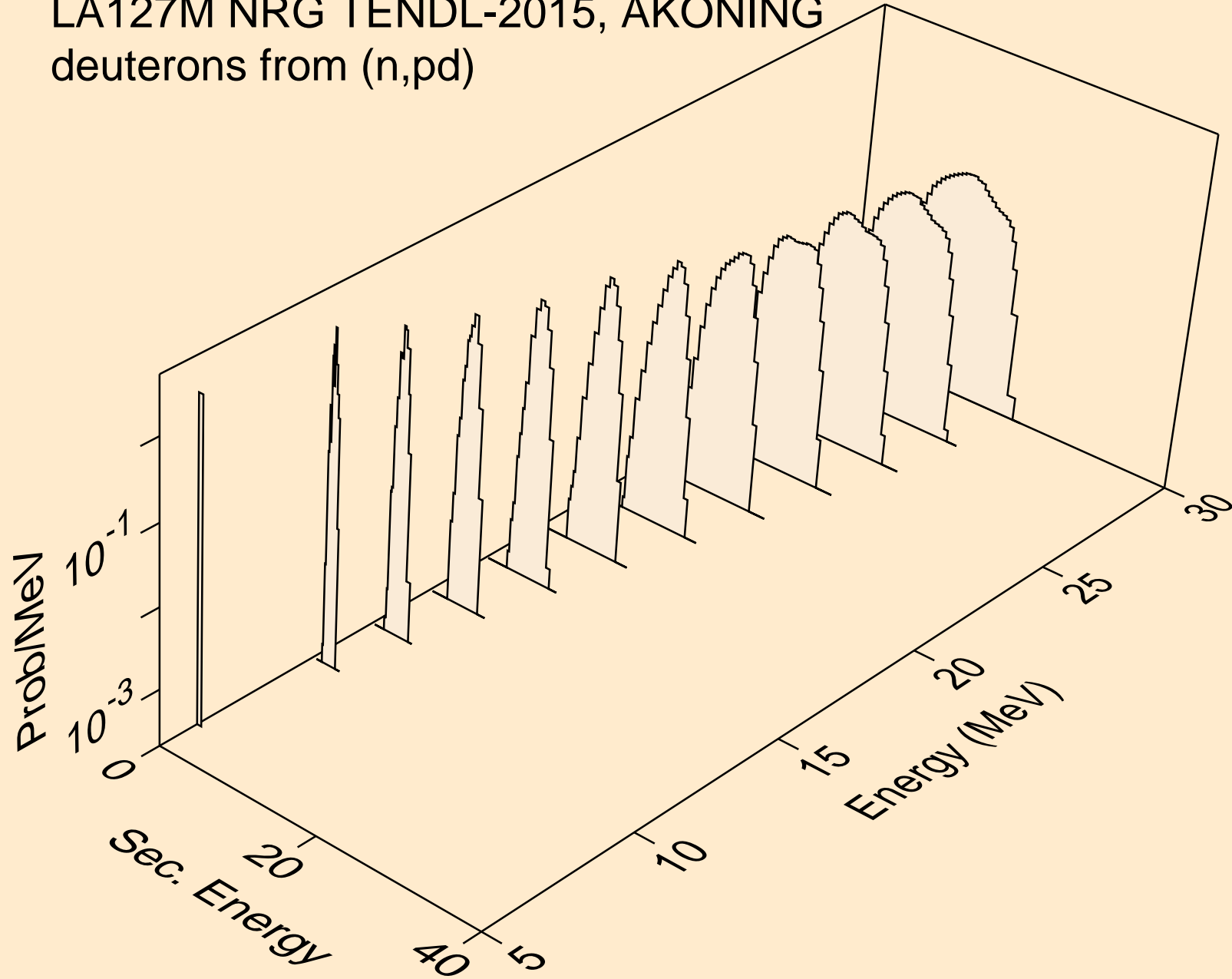
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deuterons from (n,d)



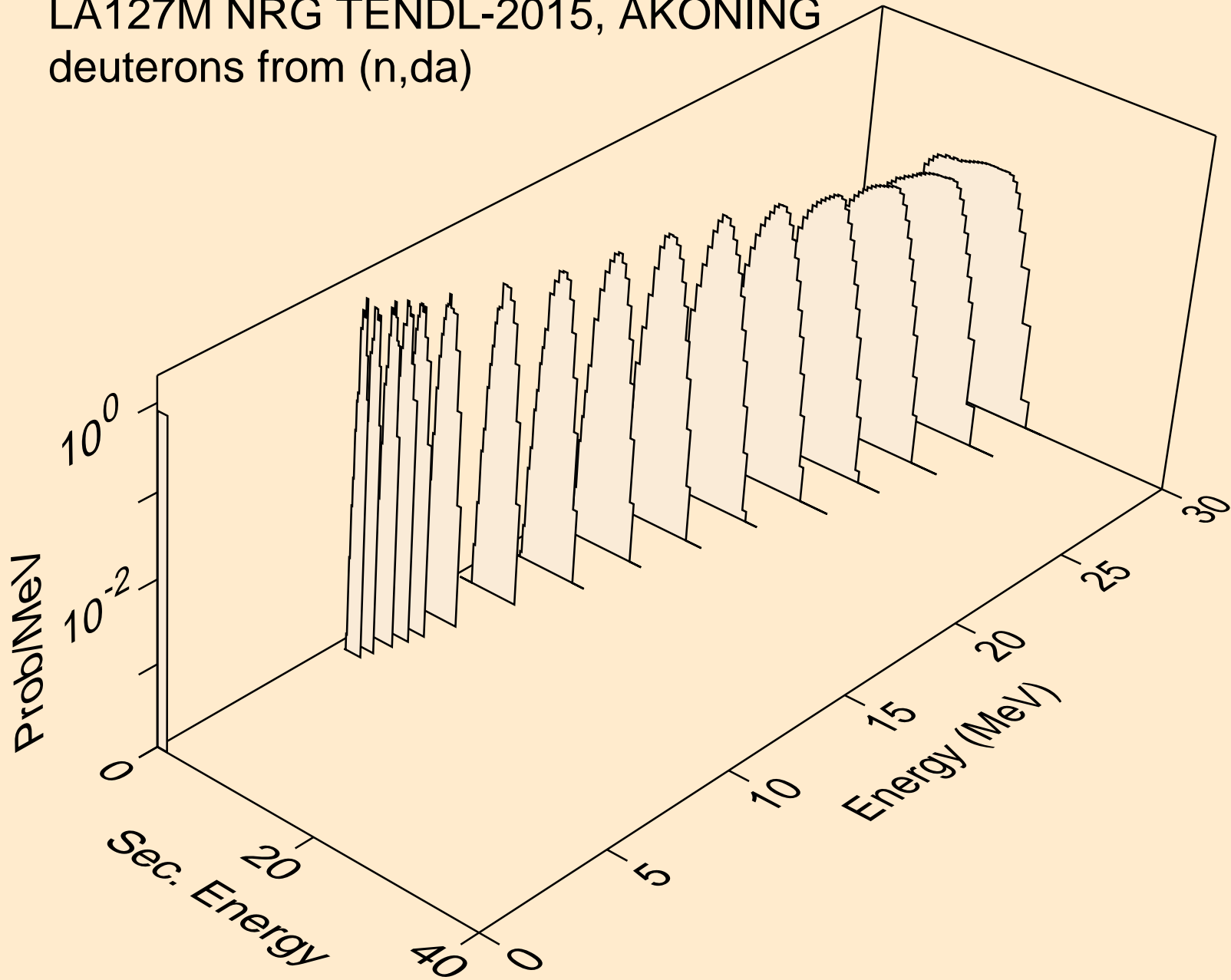
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deuterons from (n,d2a)



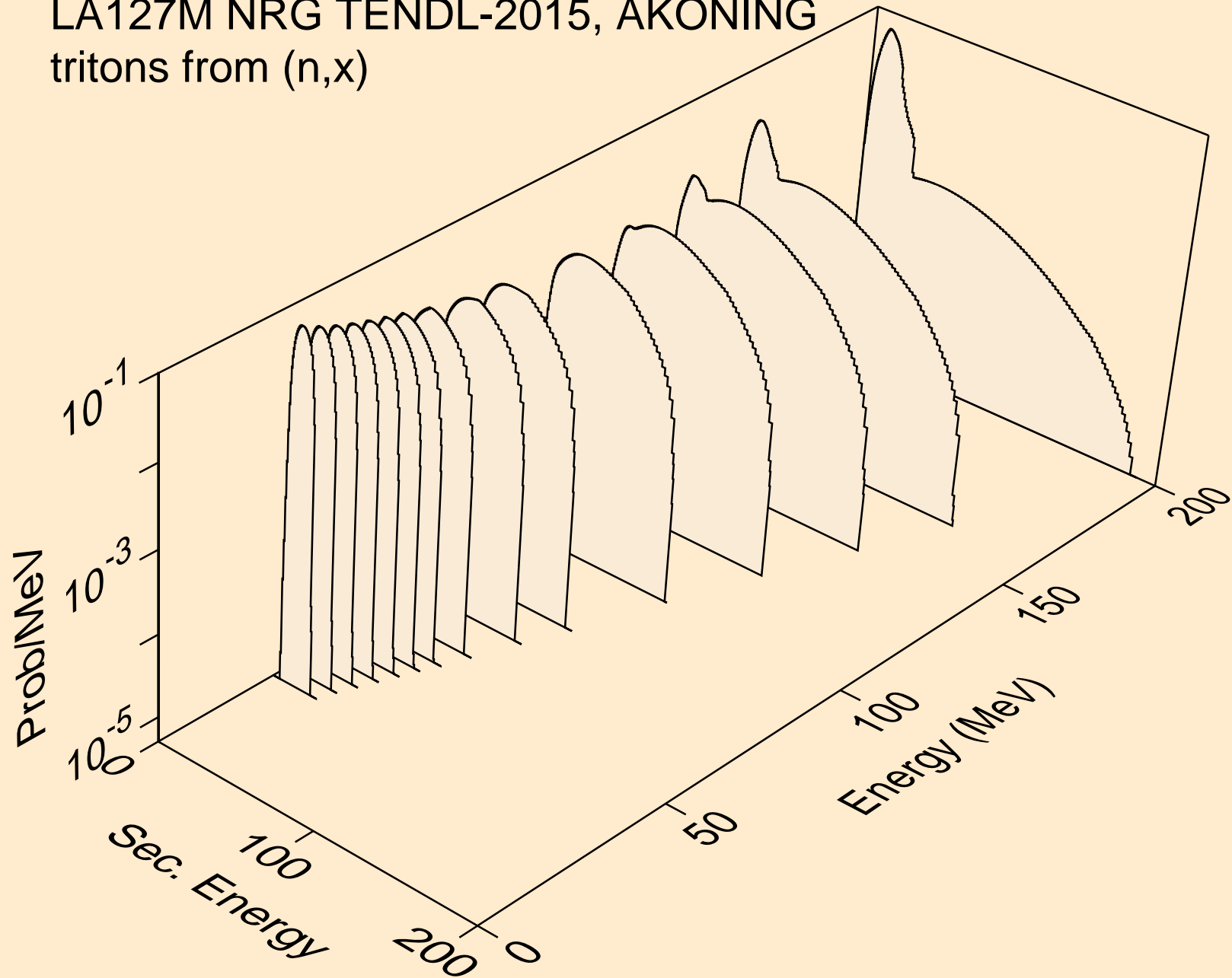
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deuterons from (n,pd)



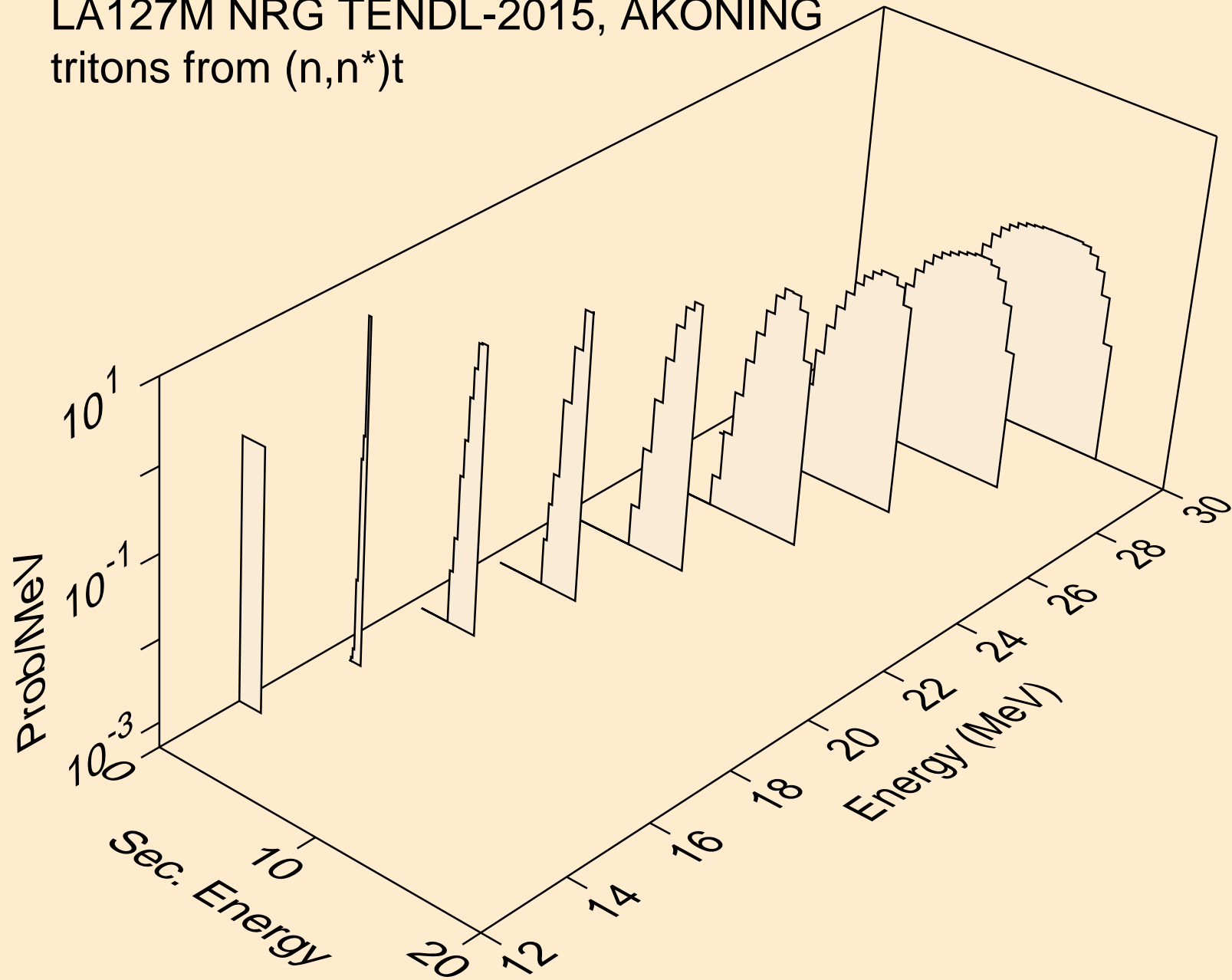
LA127M NRG TENDL-2015, AKONING  
deuterons from (n,da)



LA127M NRG TENDL-2015, AKONING  
tritons from (n,x)

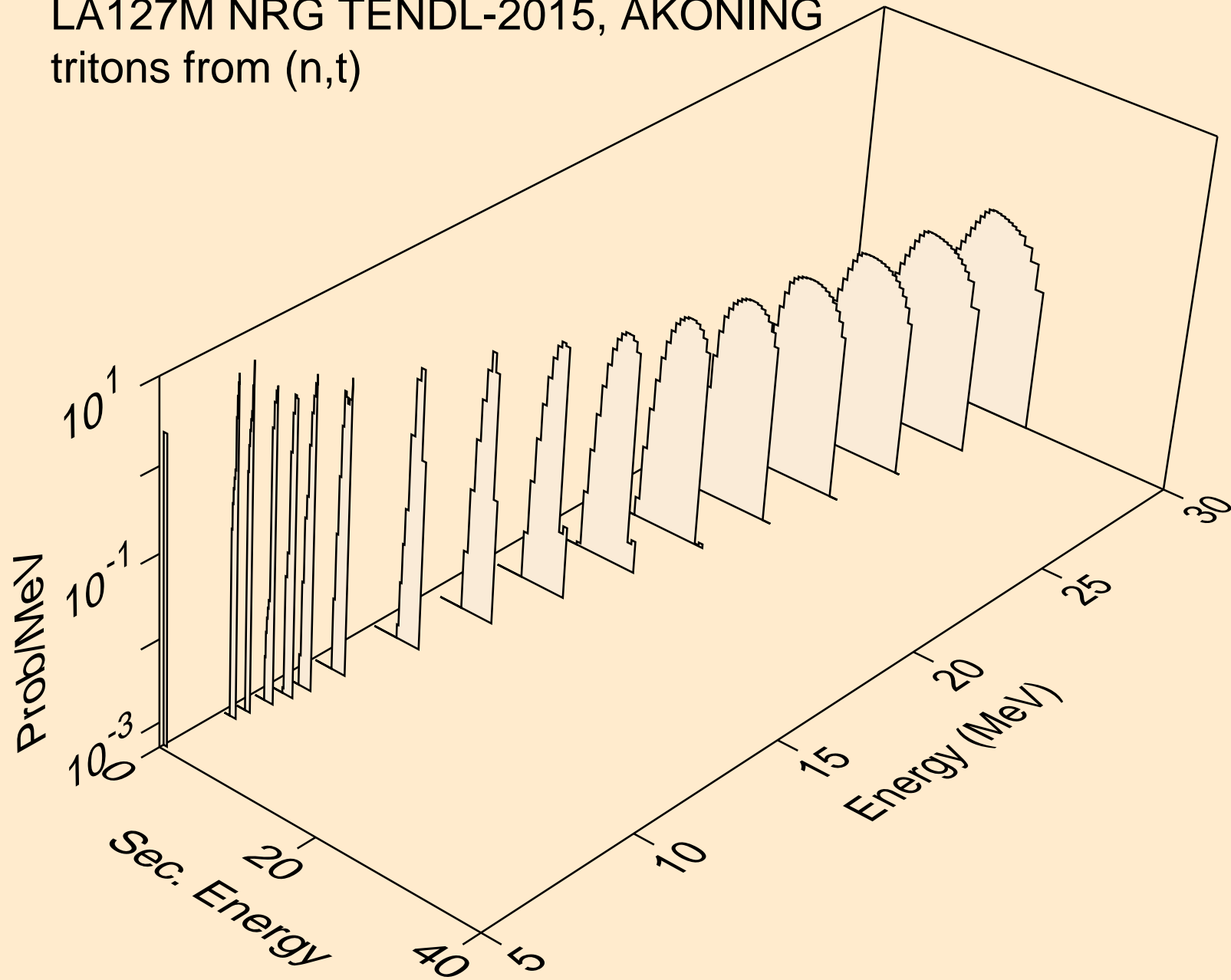


LA127M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

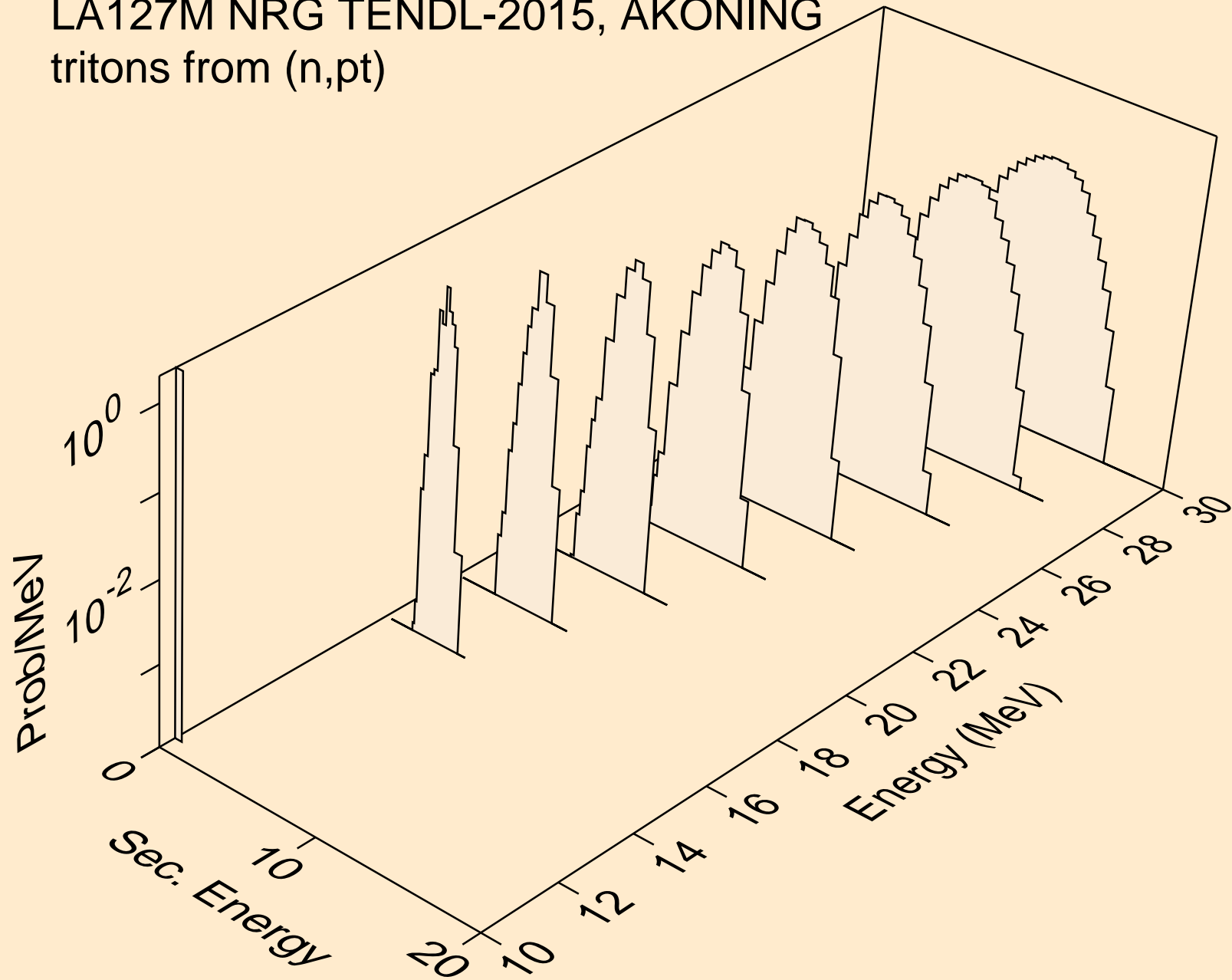




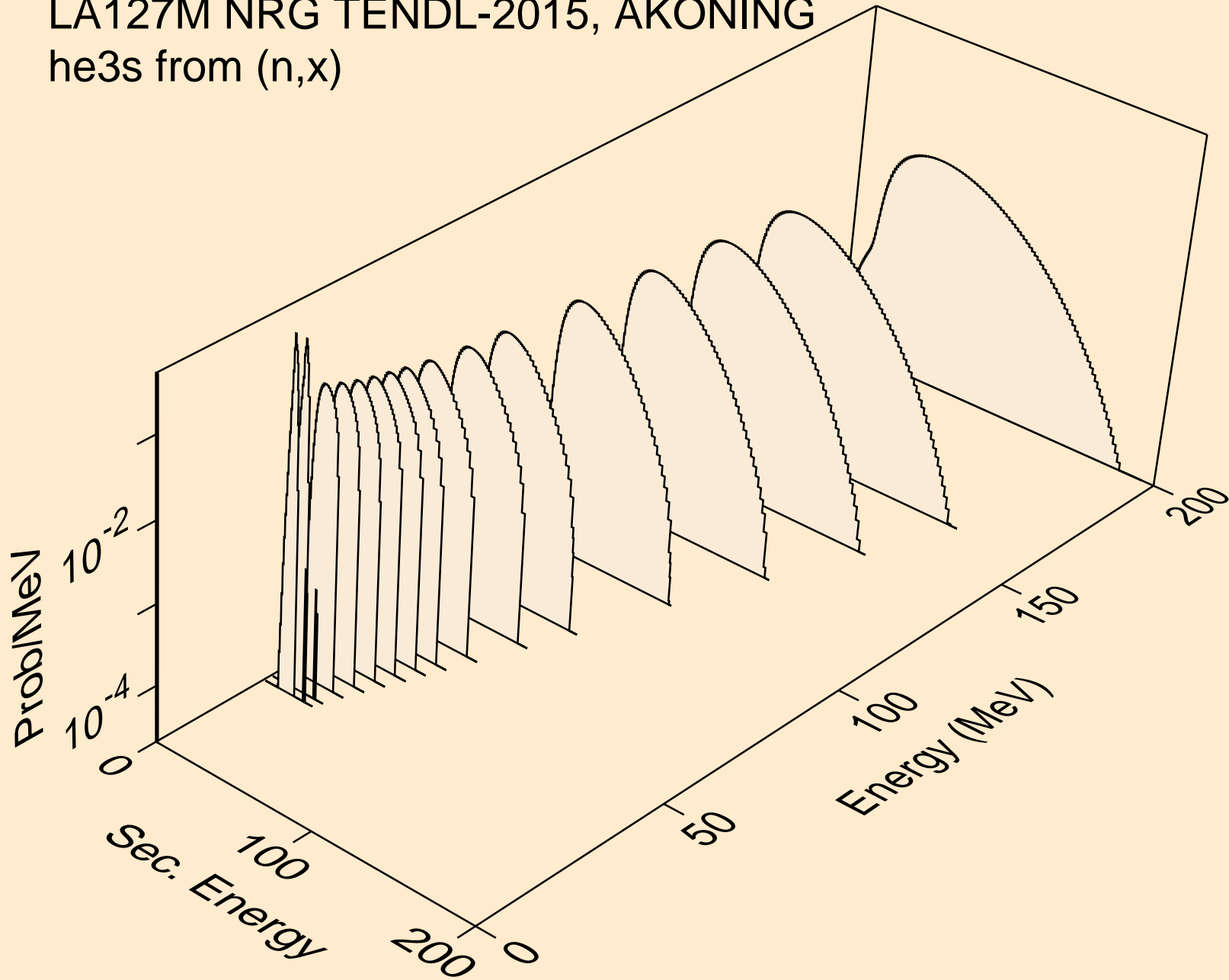
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tritons from (n,t)



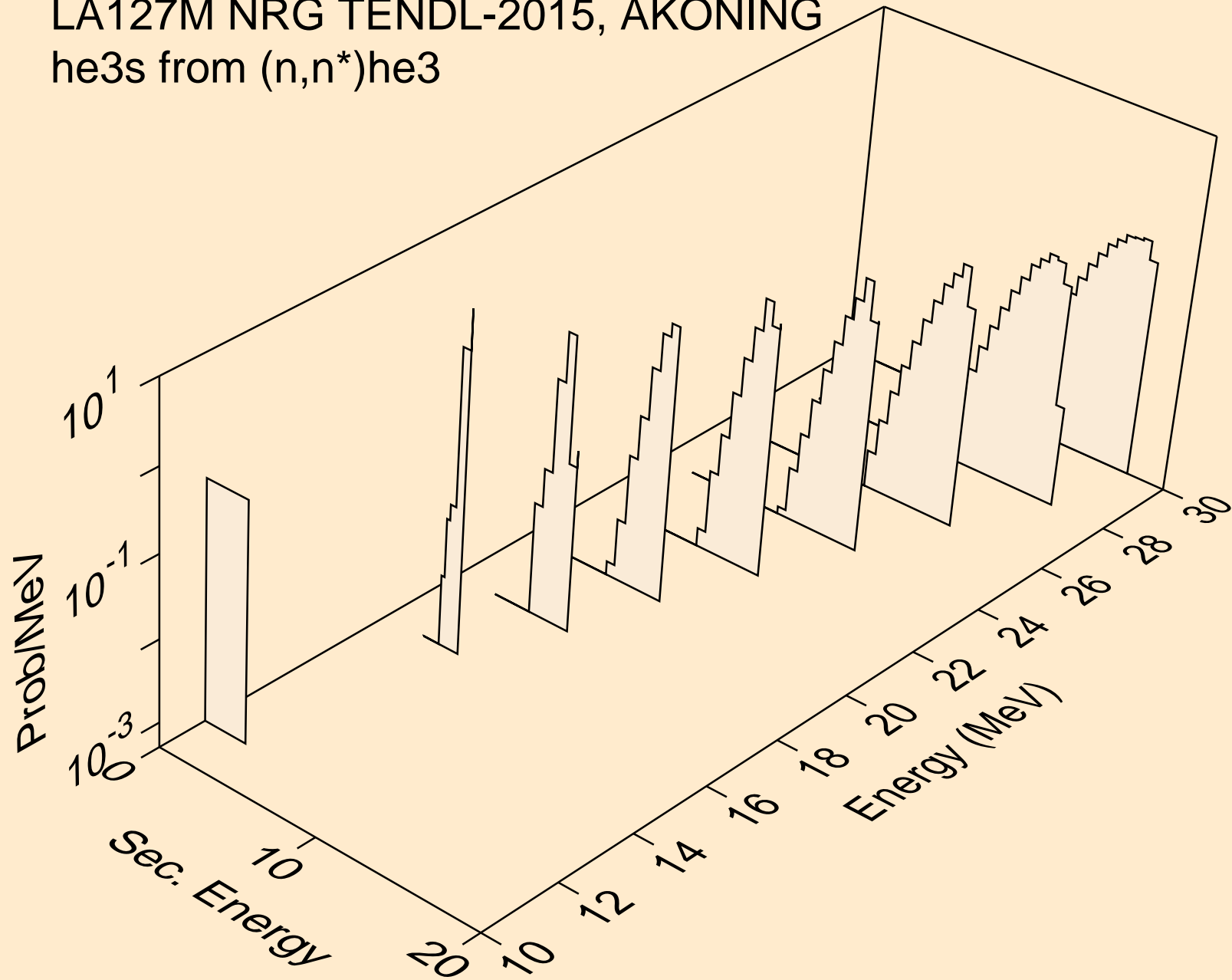
LA127M NRG TENDL-2015, AKONING  
tritons from (n,pt)



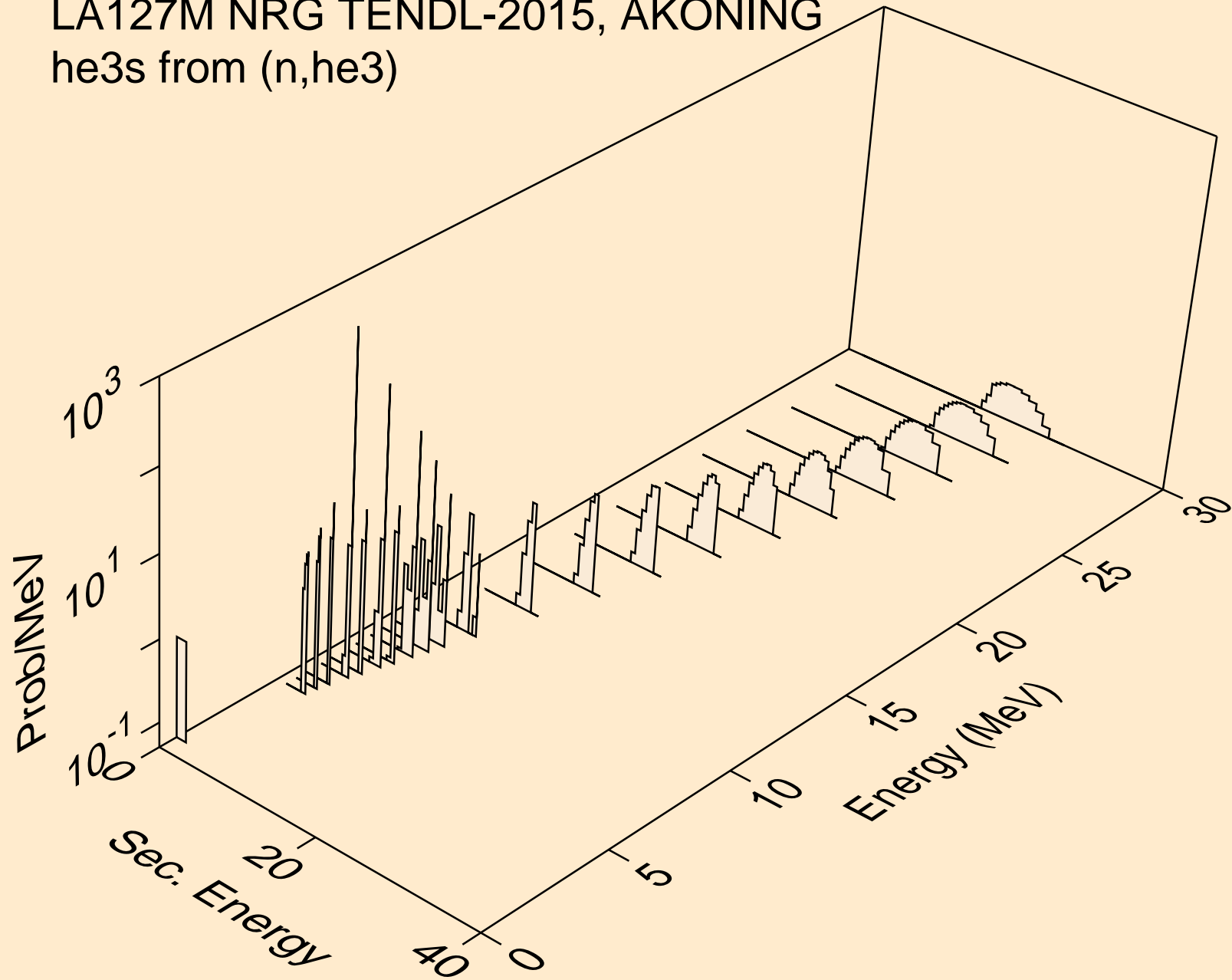
LA127M NRG TENDL-2015, AKONING  
he3s from (n,x)



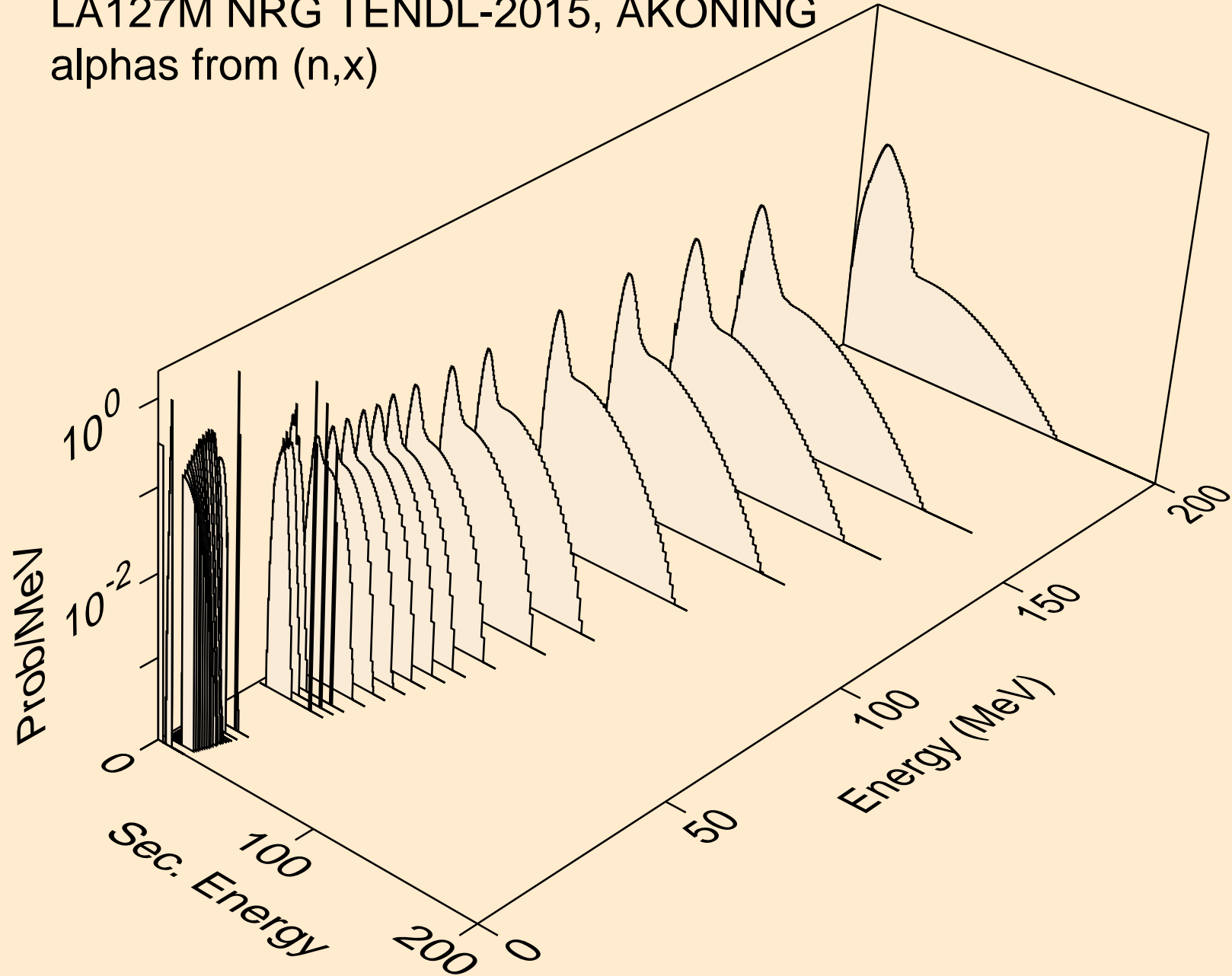
LA127M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



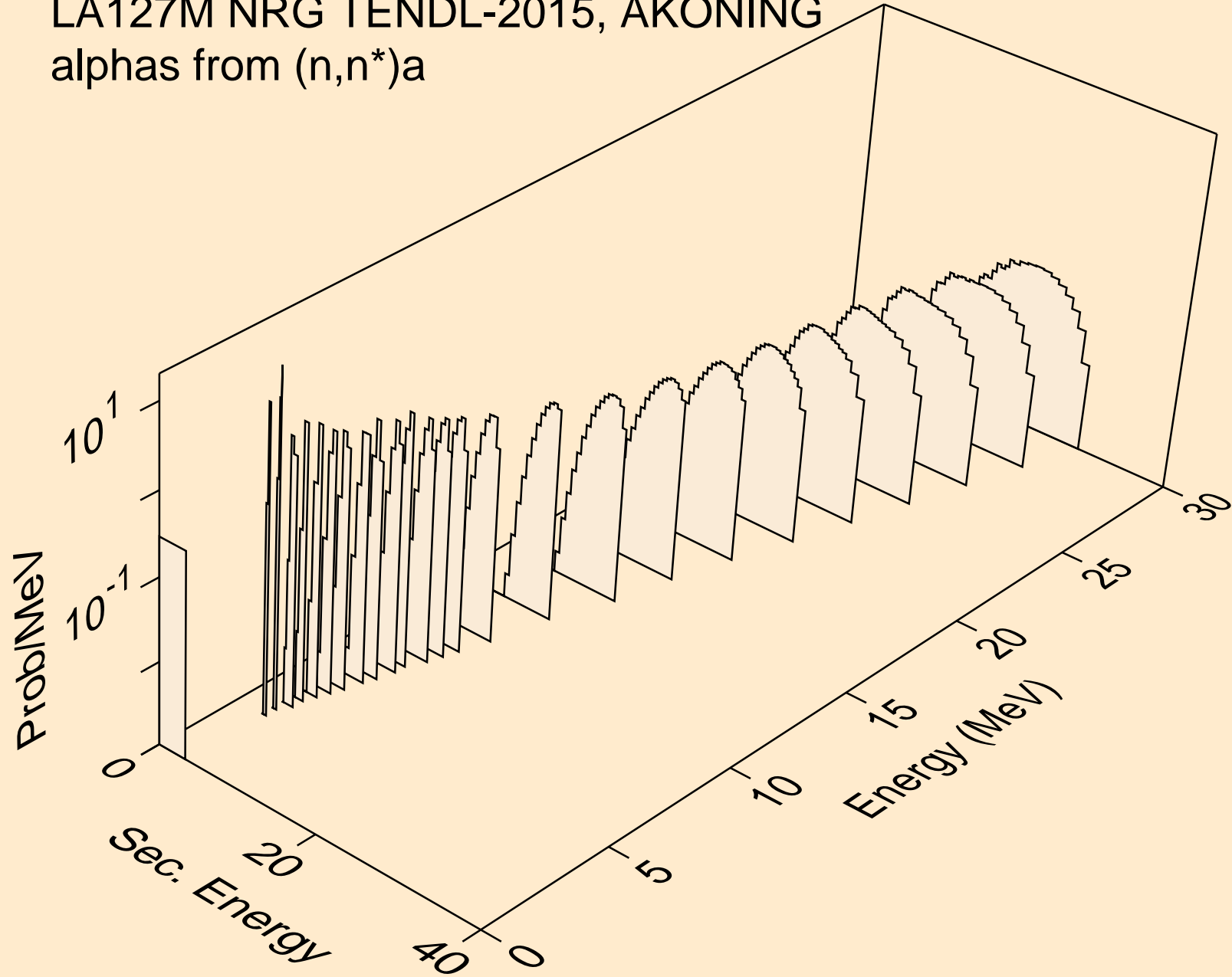
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he3s from (n,he3)



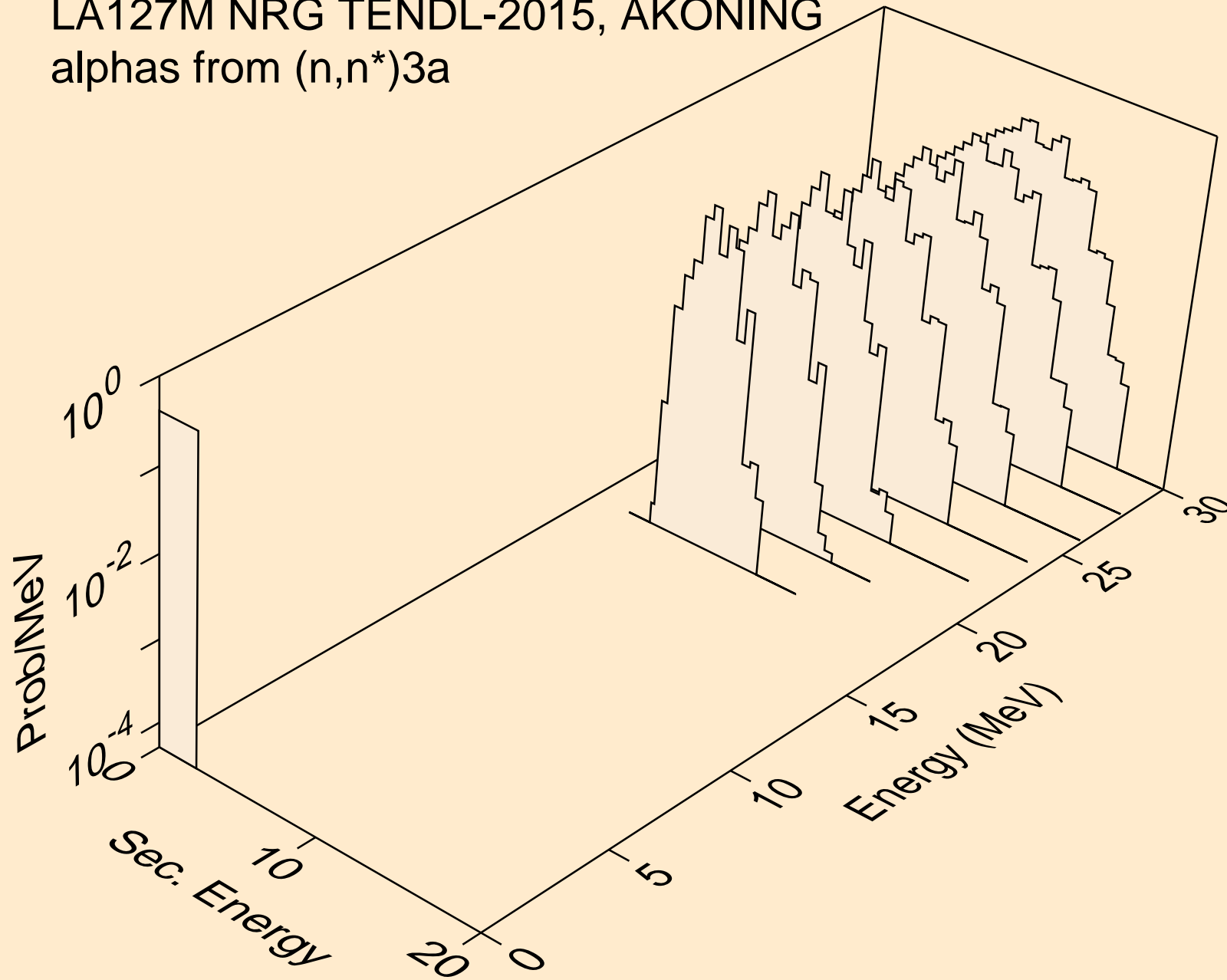
LA127M NRG TENDL-2015, AKONING  
alphas from (n,x)



LA127M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

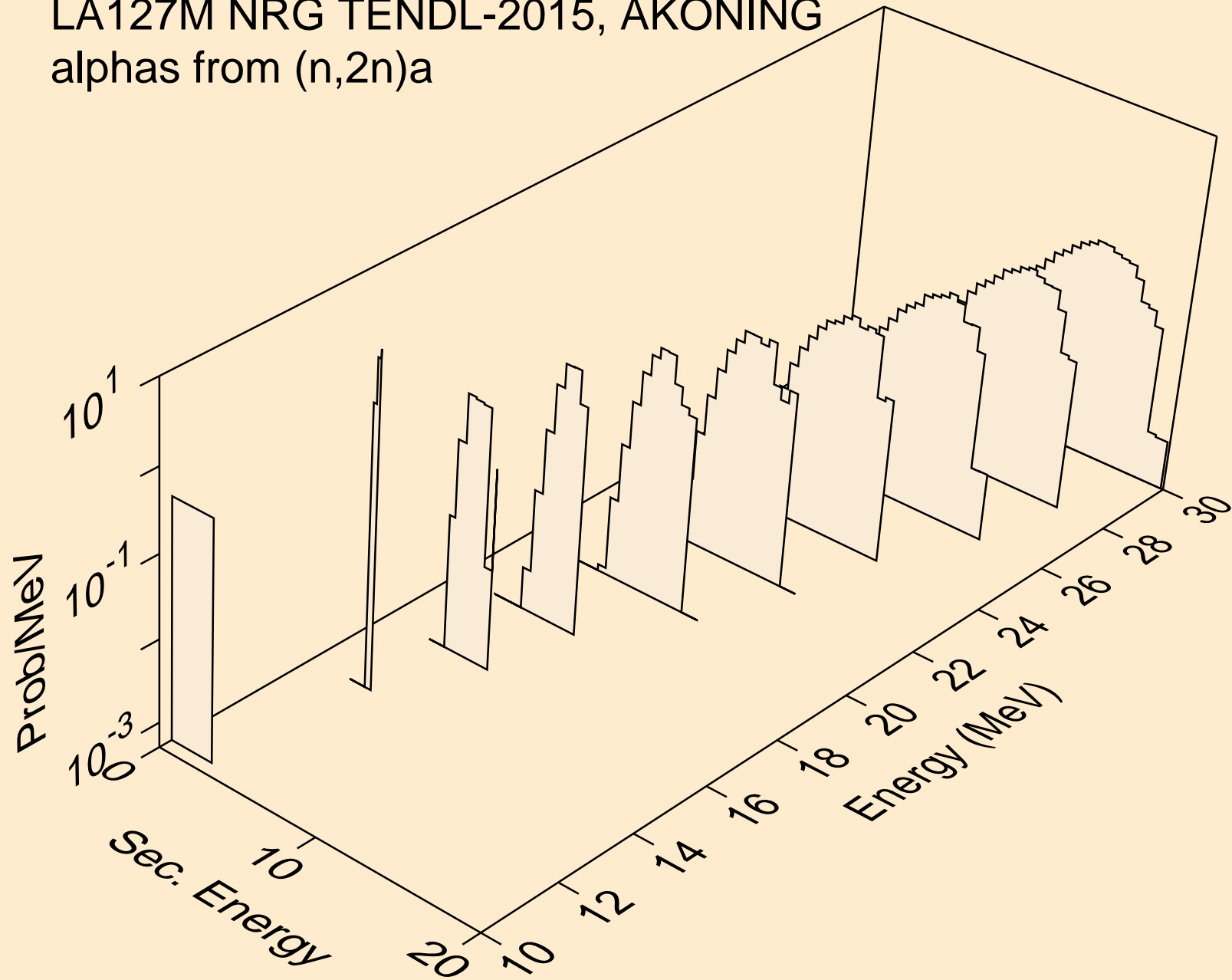


LA127M NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

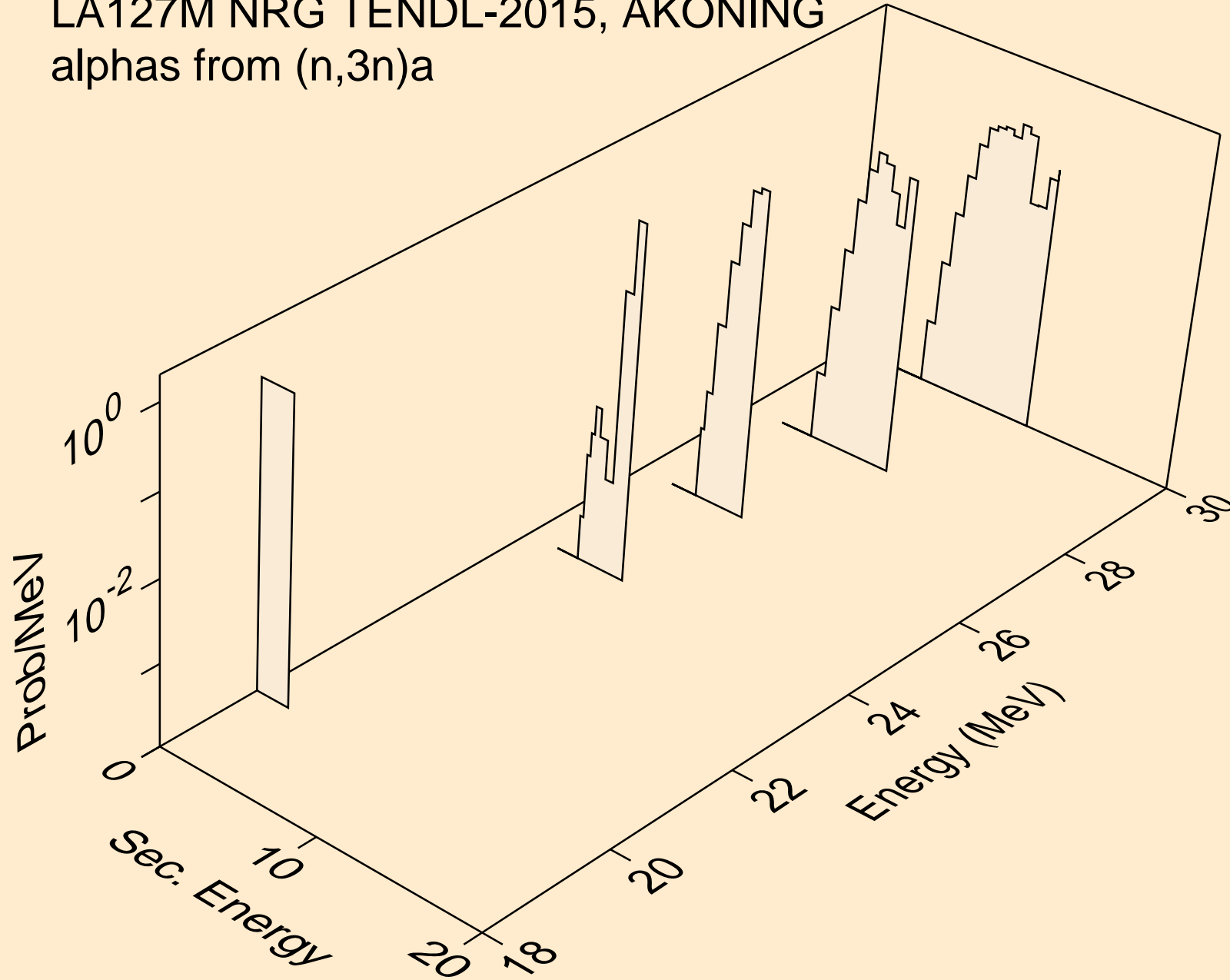




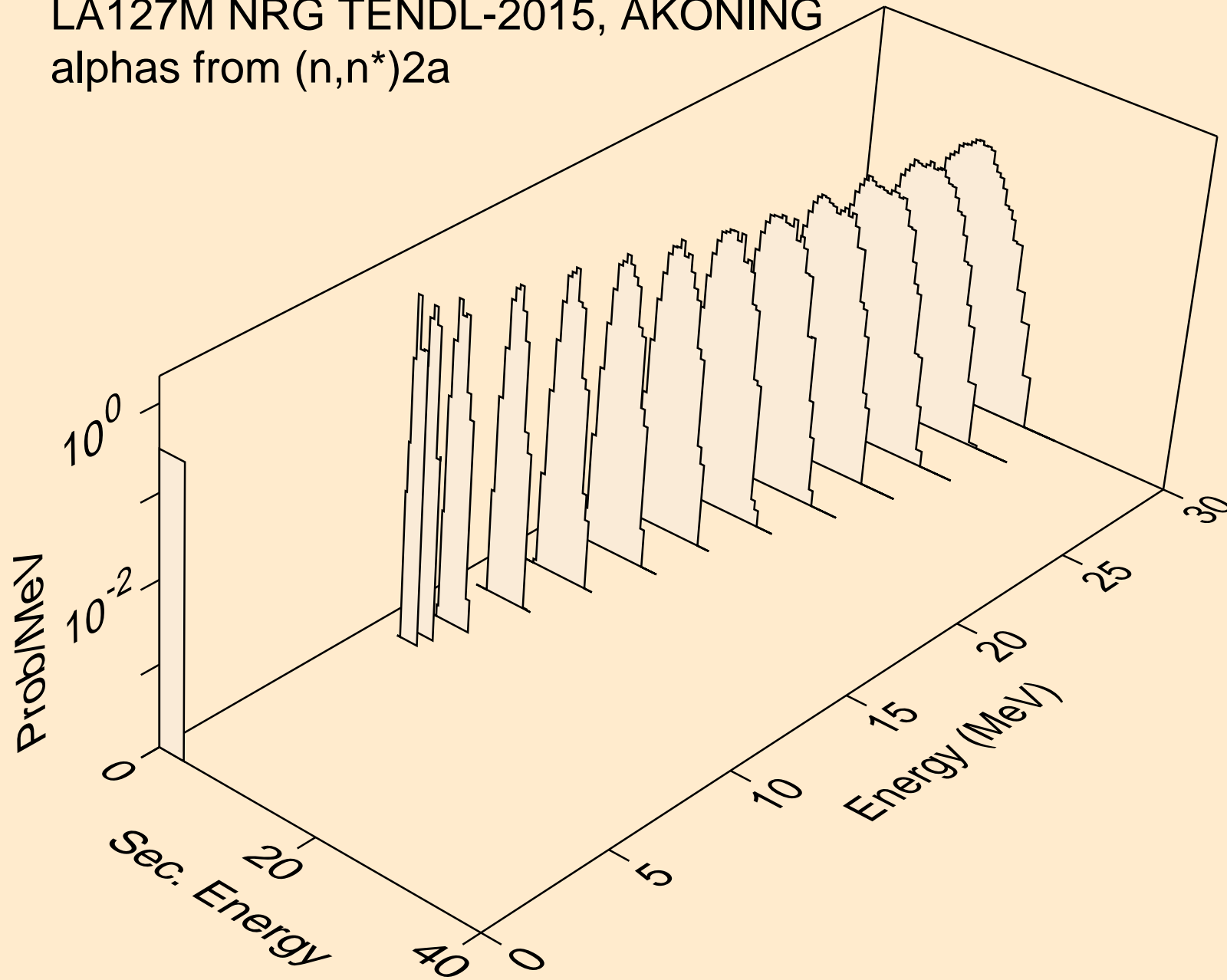
LA127M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



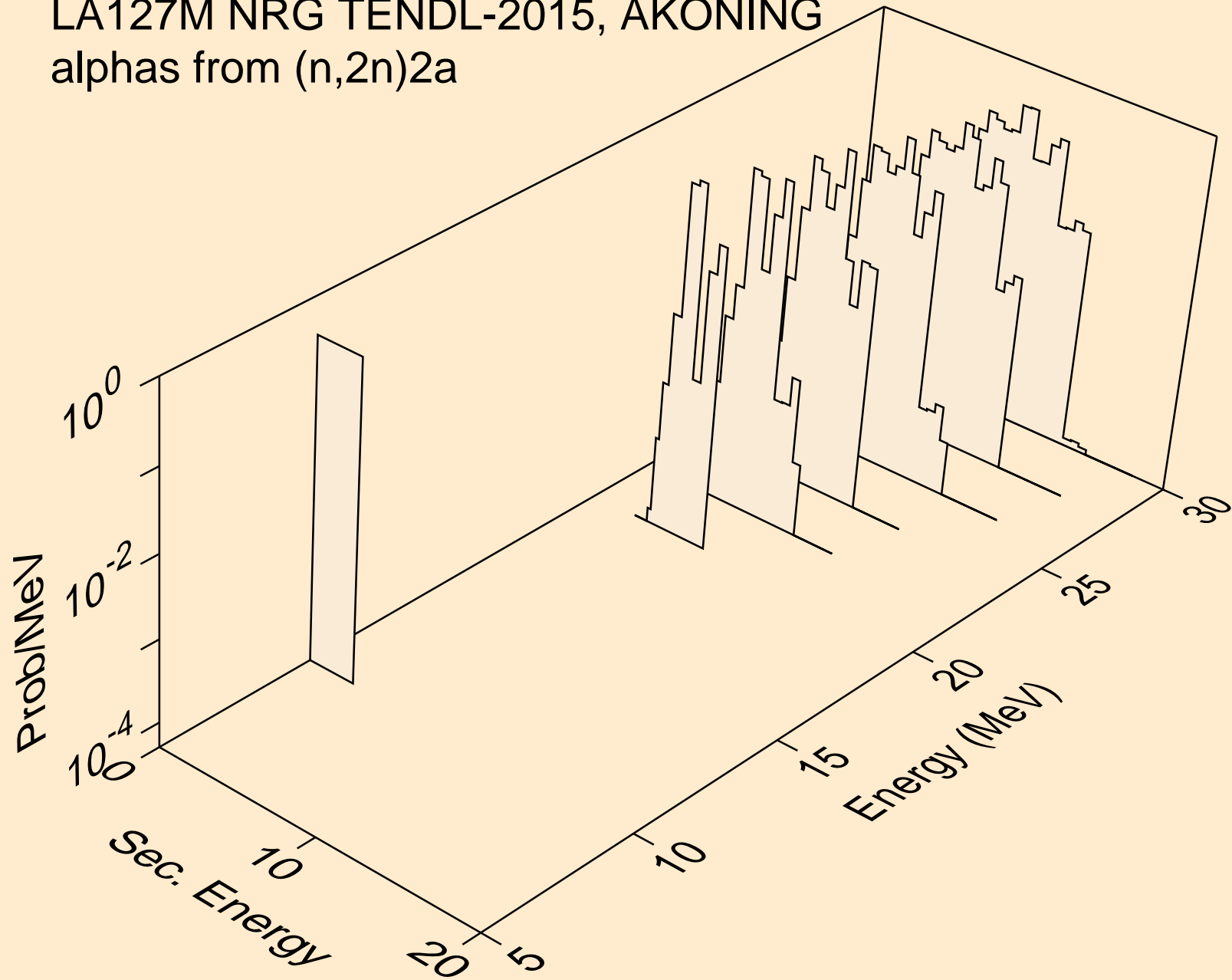
LA127M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



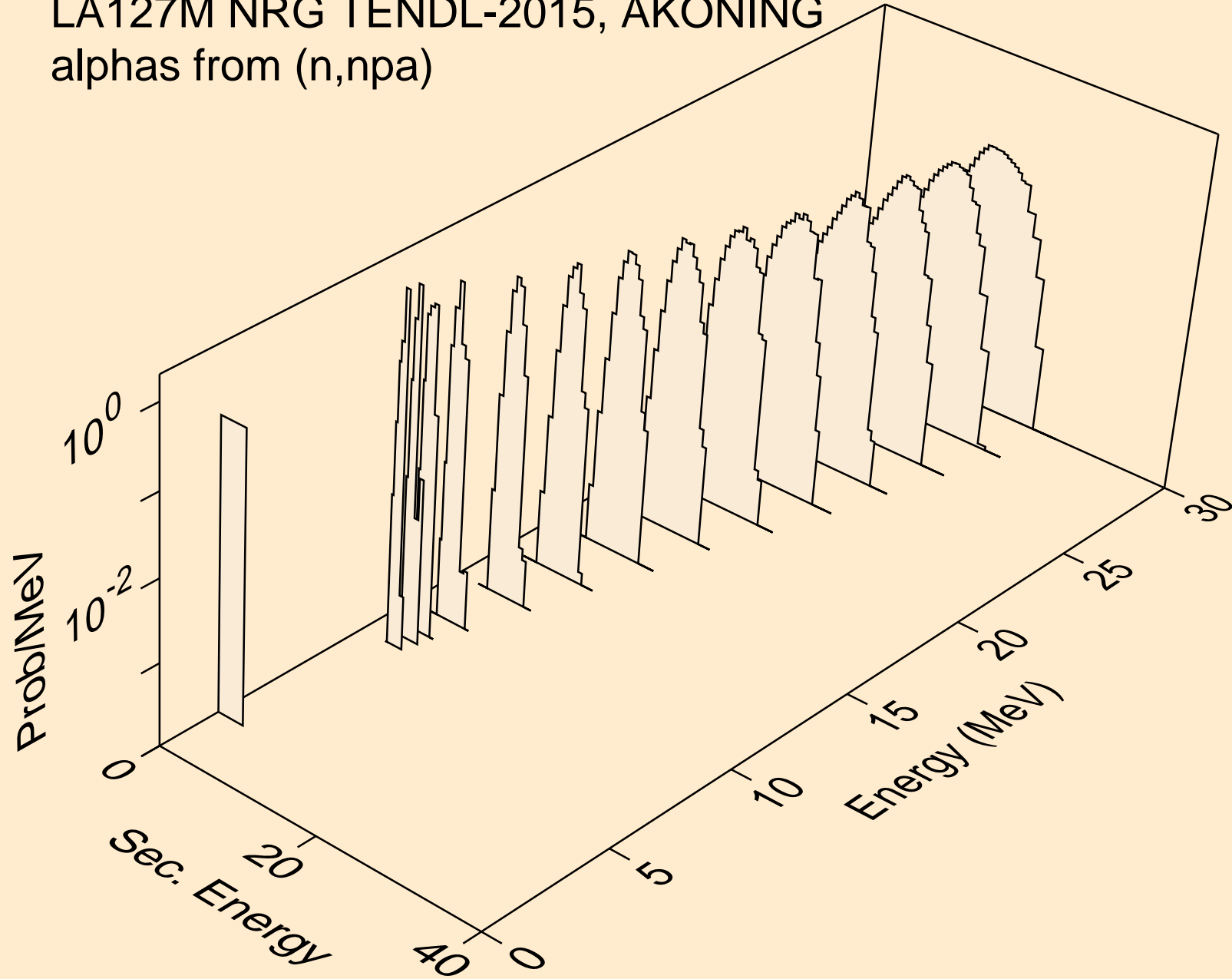
LA127M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



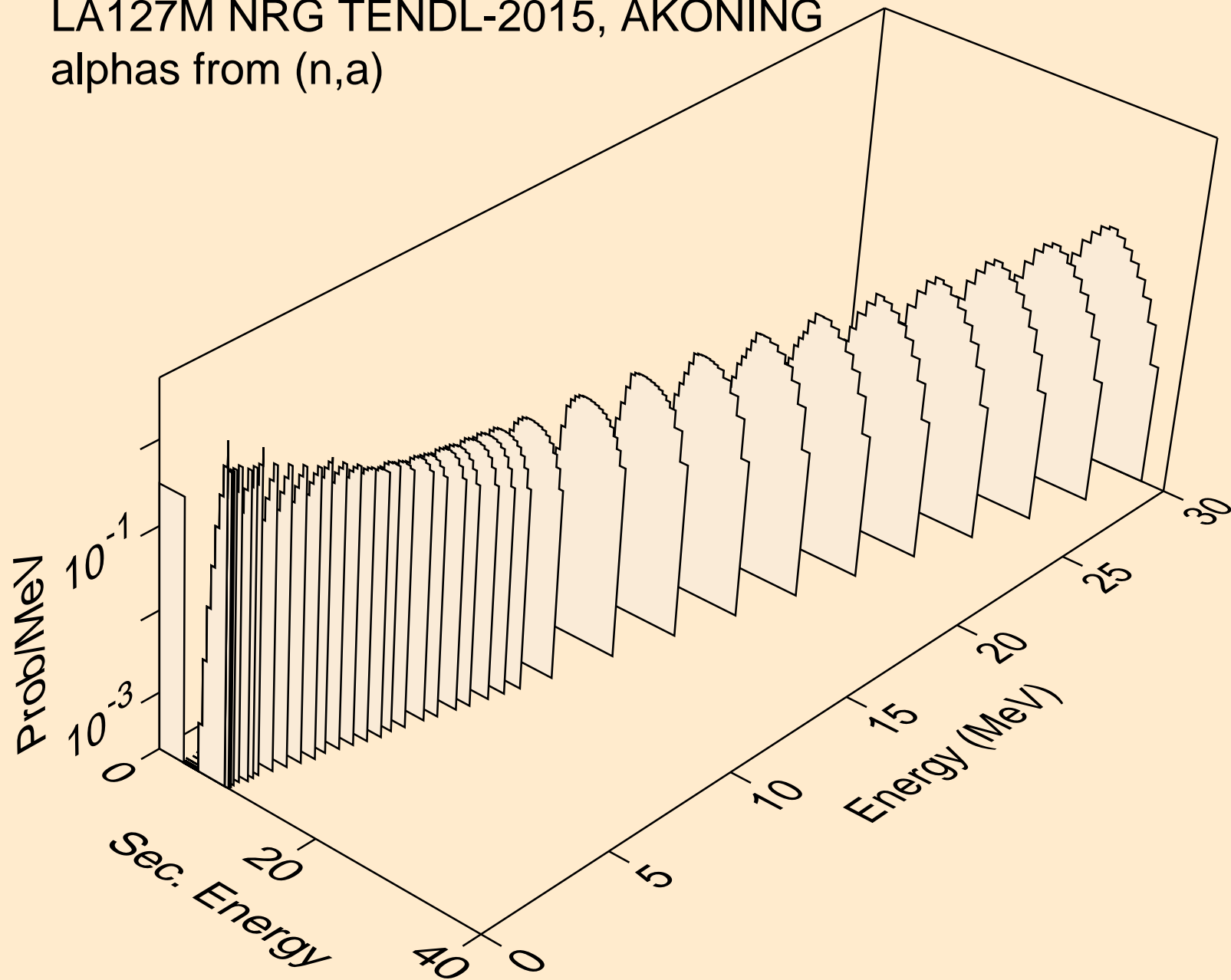
LA127M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



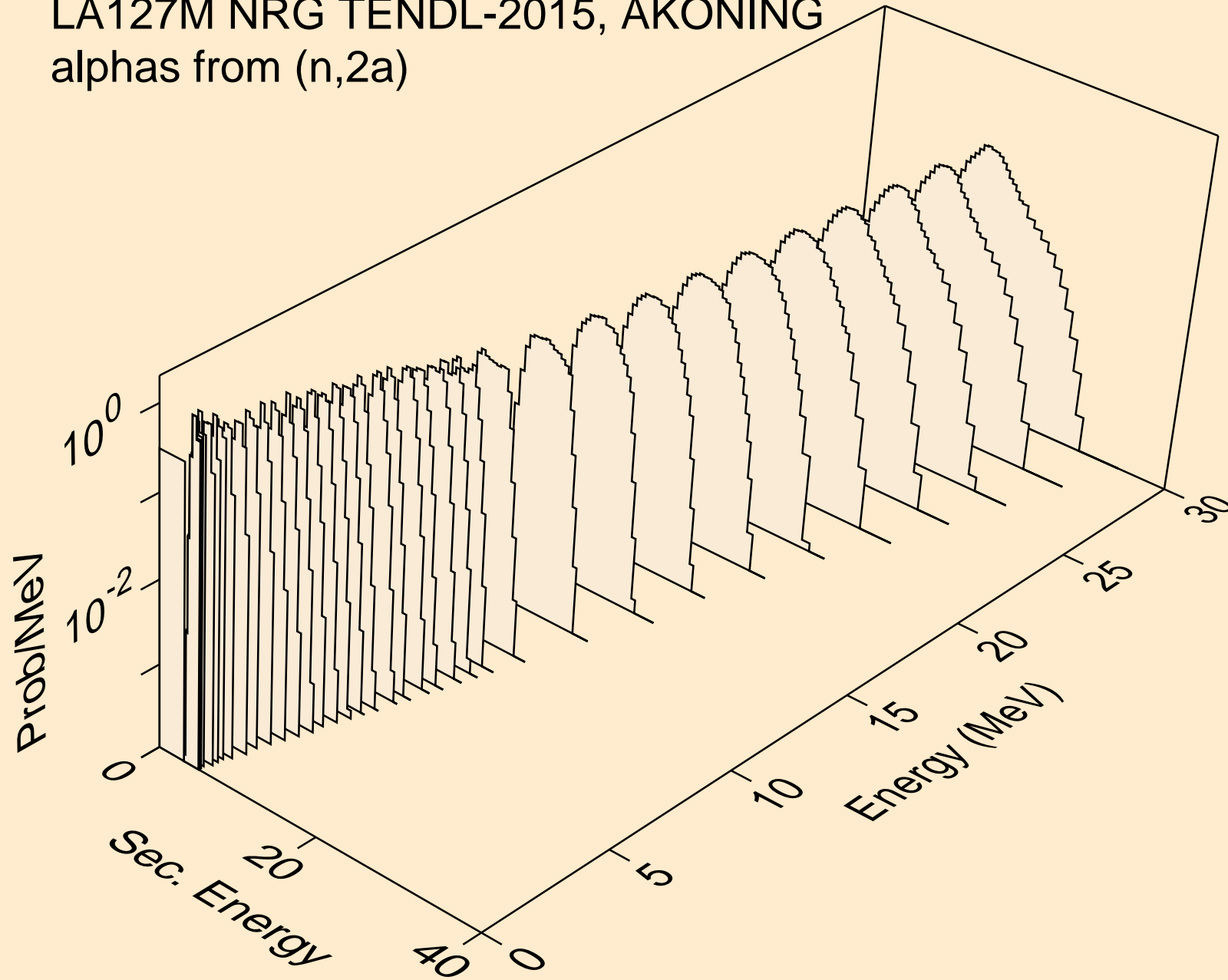
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alphas from (n,npa)



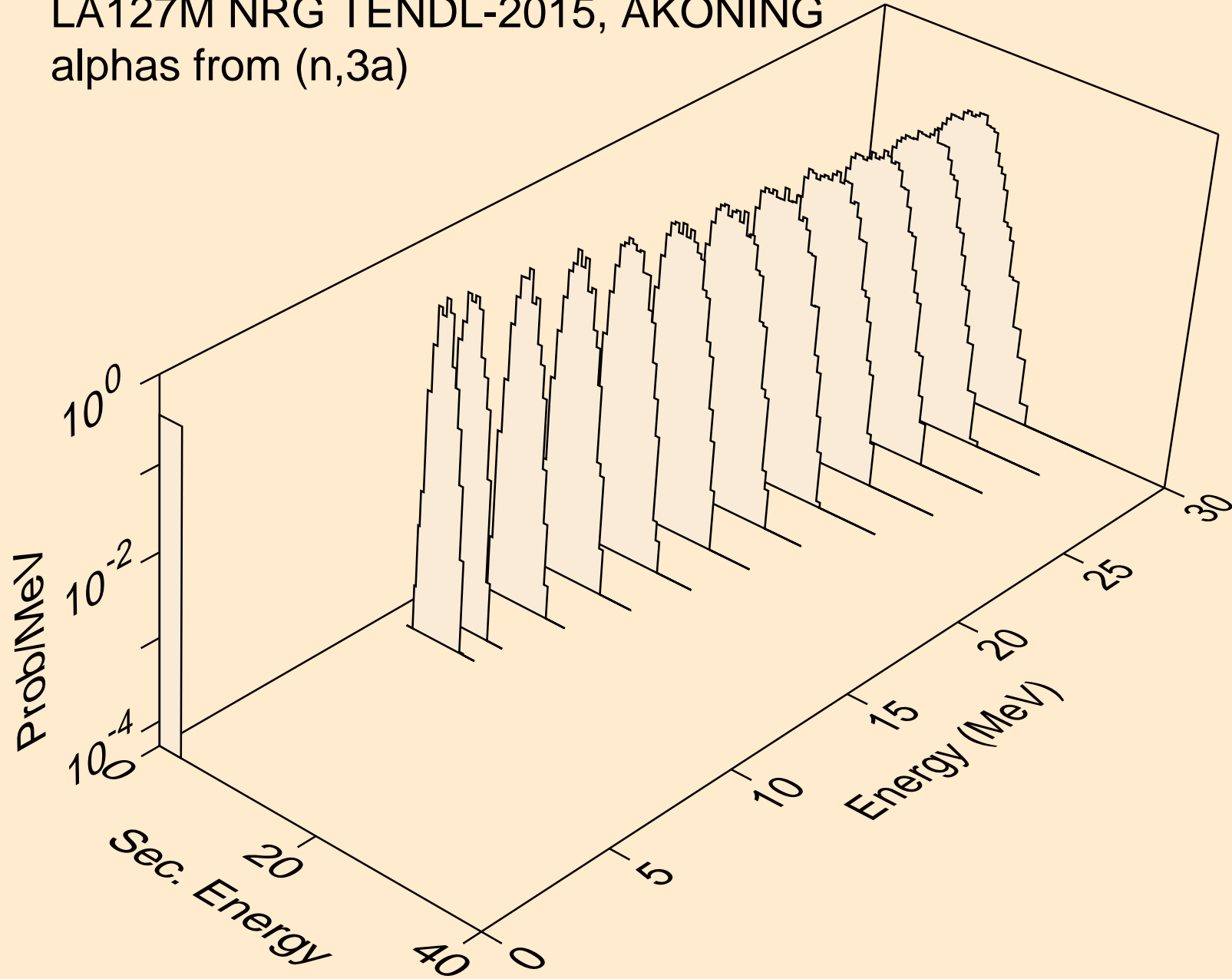
LA127M NRG TENDL-2015, AKONING  
alphas from (n,a)



LA127M NRG TENDL-2015, AKONING  
alphas from (n,2a)

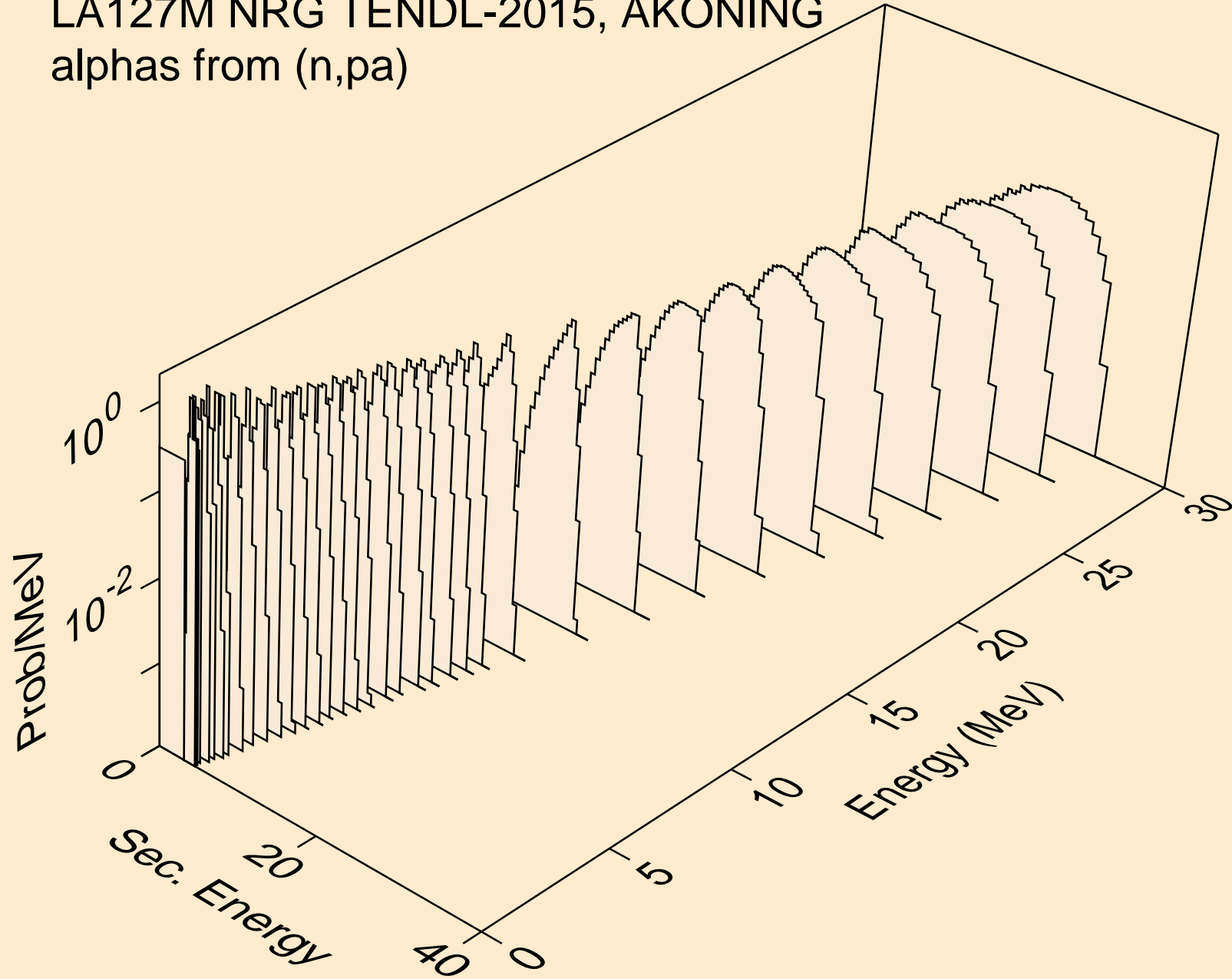


LA127M NRG TENDL-2015, AKONING  
alphas from (n,3a)

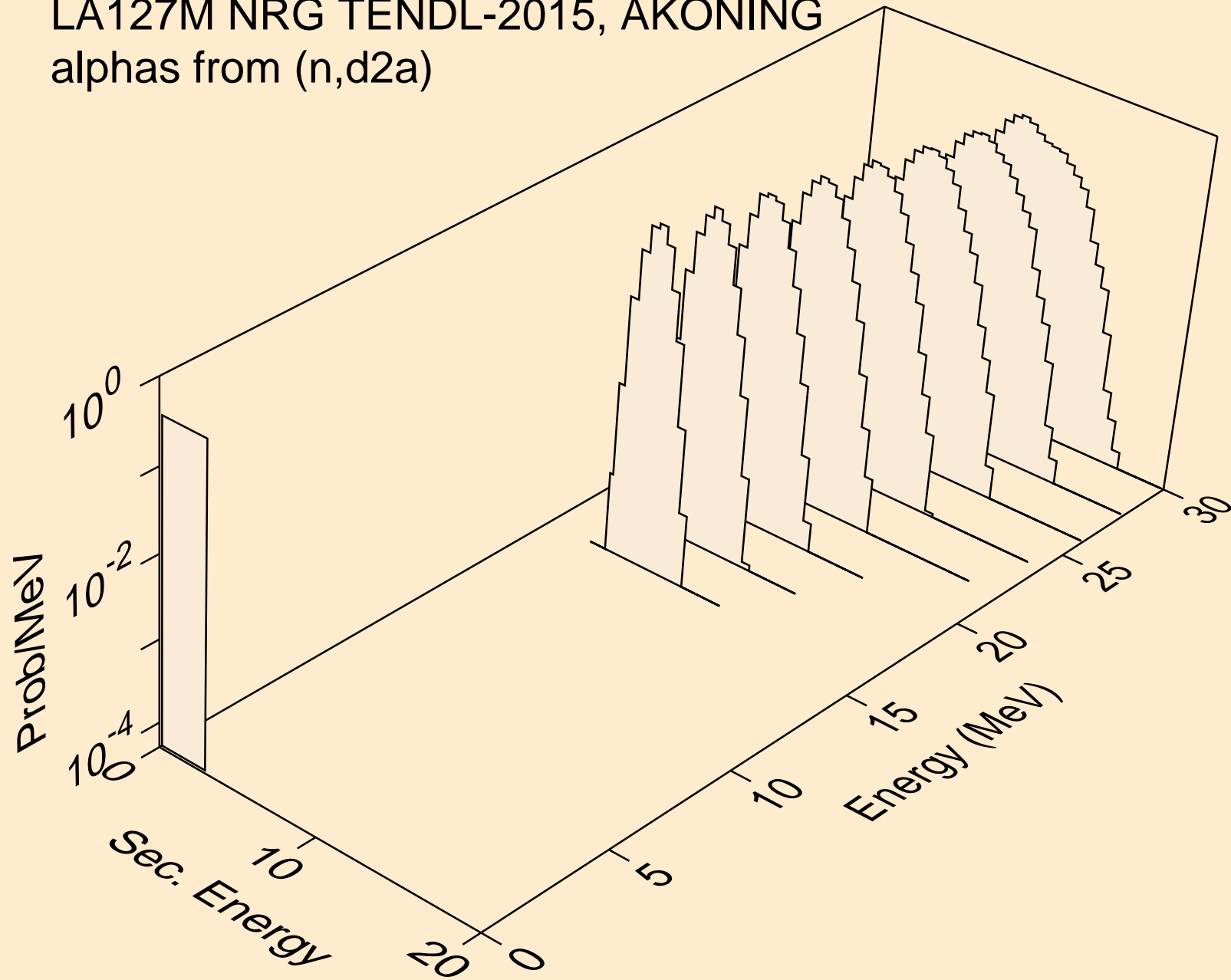




LA127M NRG TENDL-2015, AKONING  
alphas from (n,pa)



LA127M NRG TENDL-2015, AKONING  
alphas from (n,d2a)



LA127M NRG TENDL-2015, AKONING  
alphas from (n,da)

