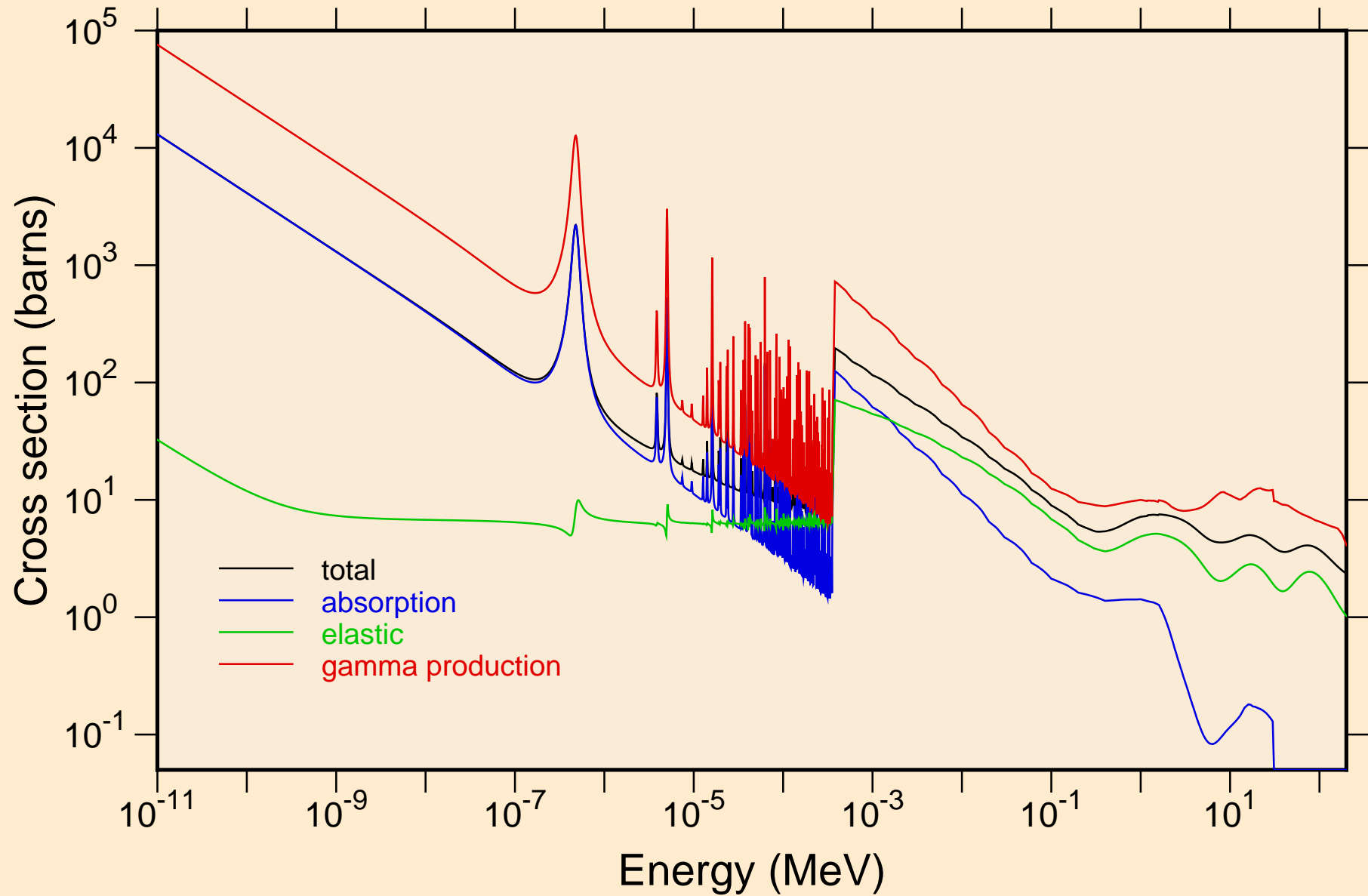
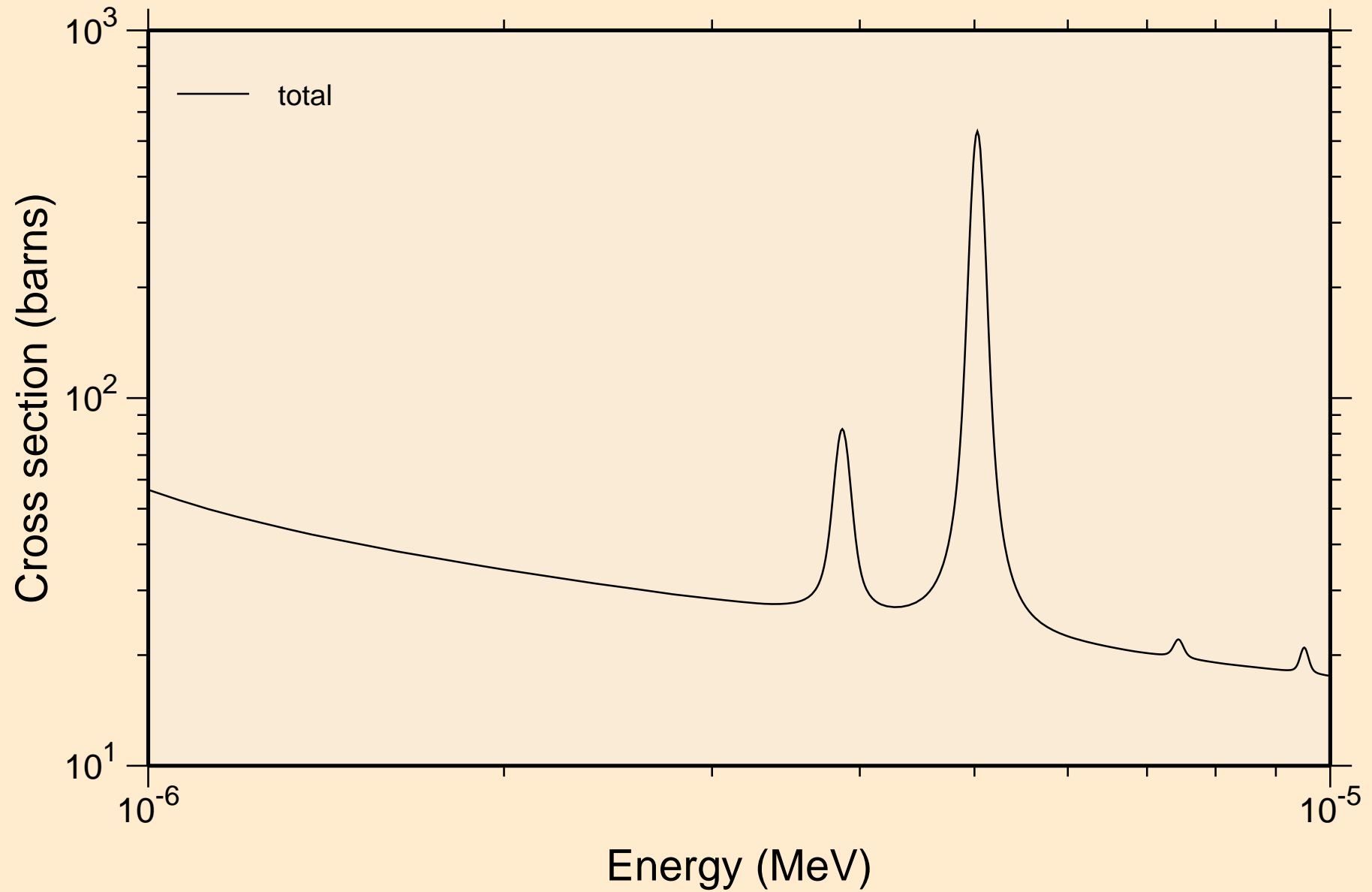


# TB148M NRG TENDL-2015, AKONING

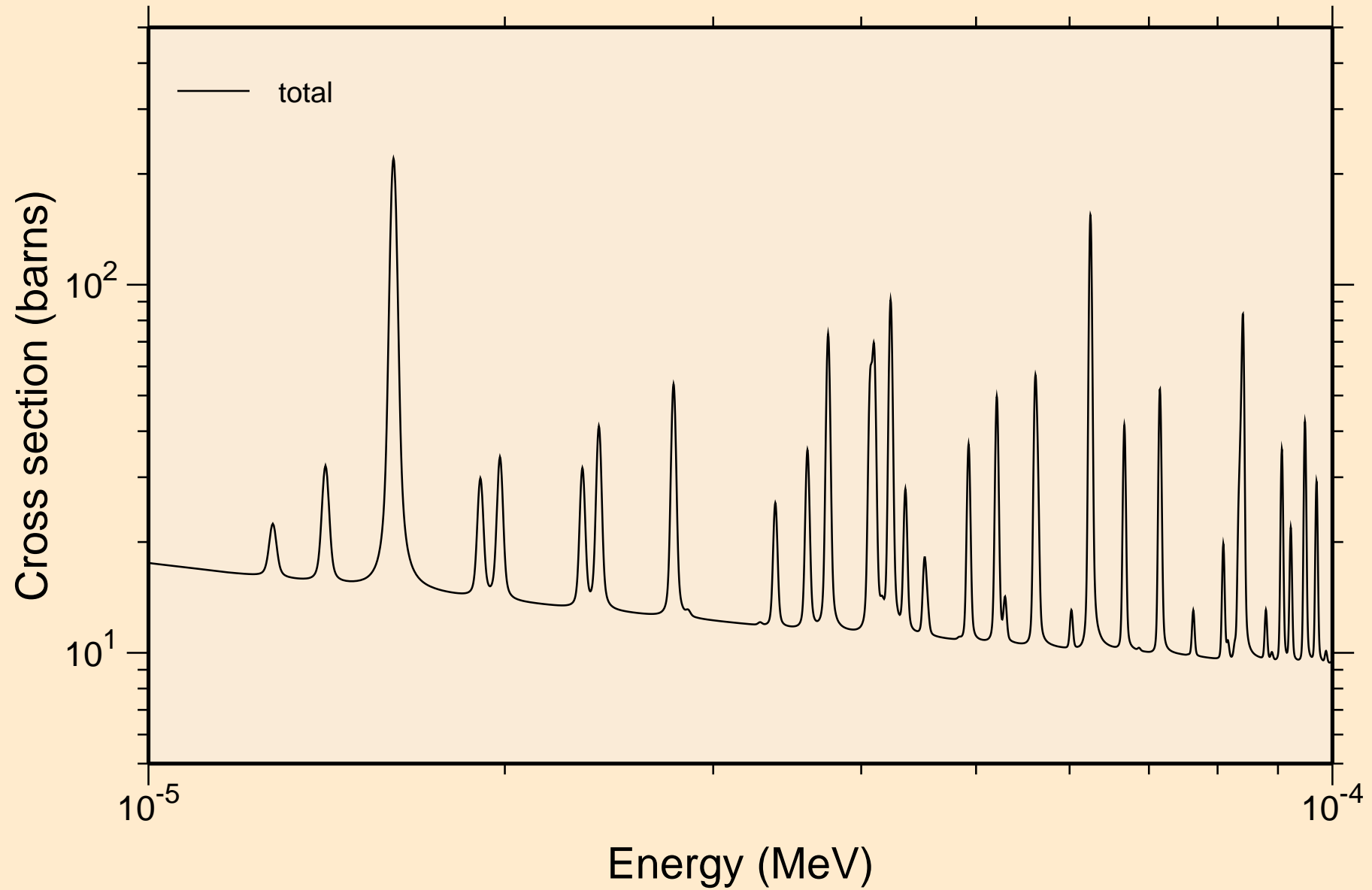
## Principal cross sections



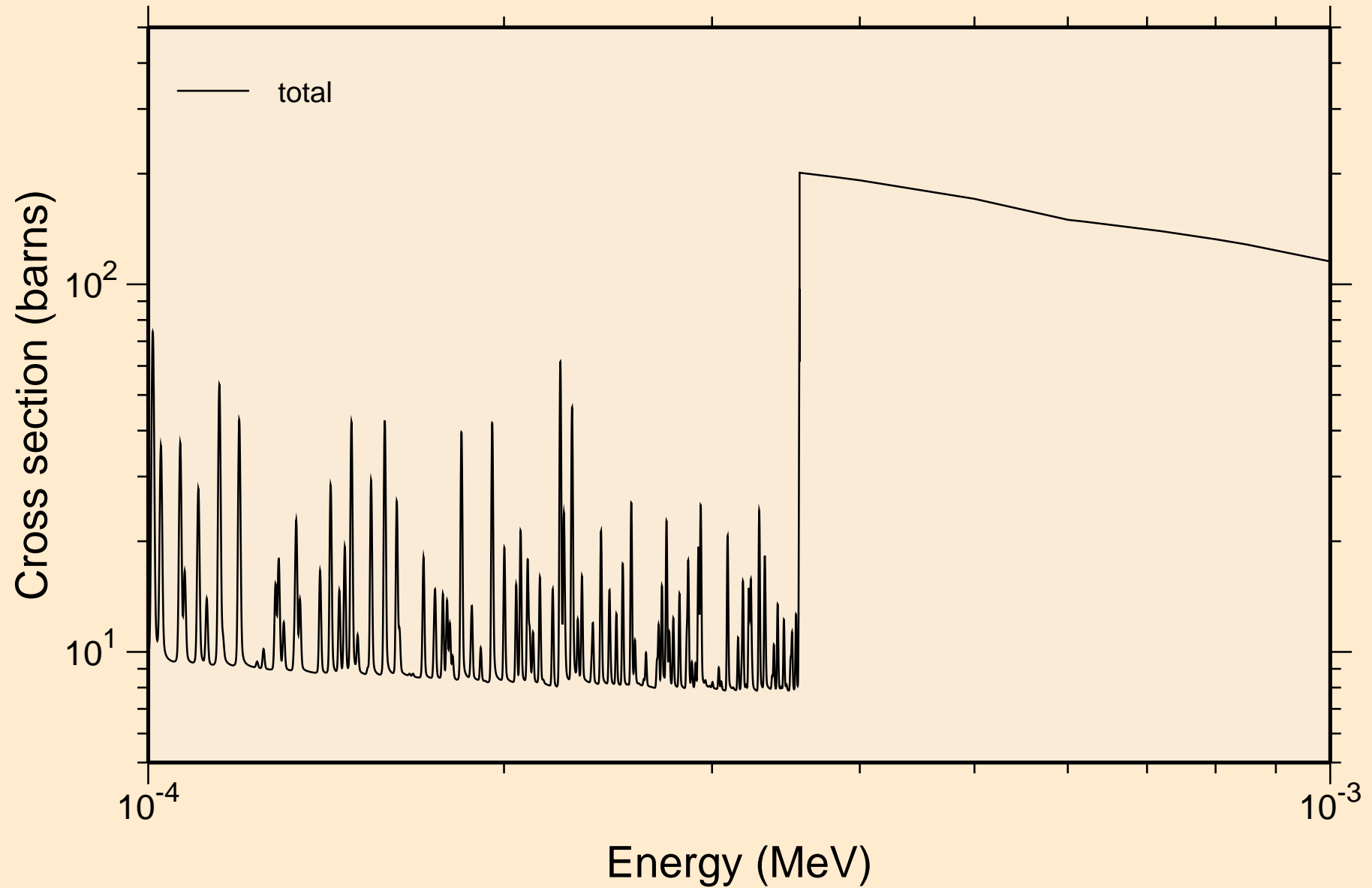
TB148M NRG TENDL-2015, AKONING  
resonance total cross section



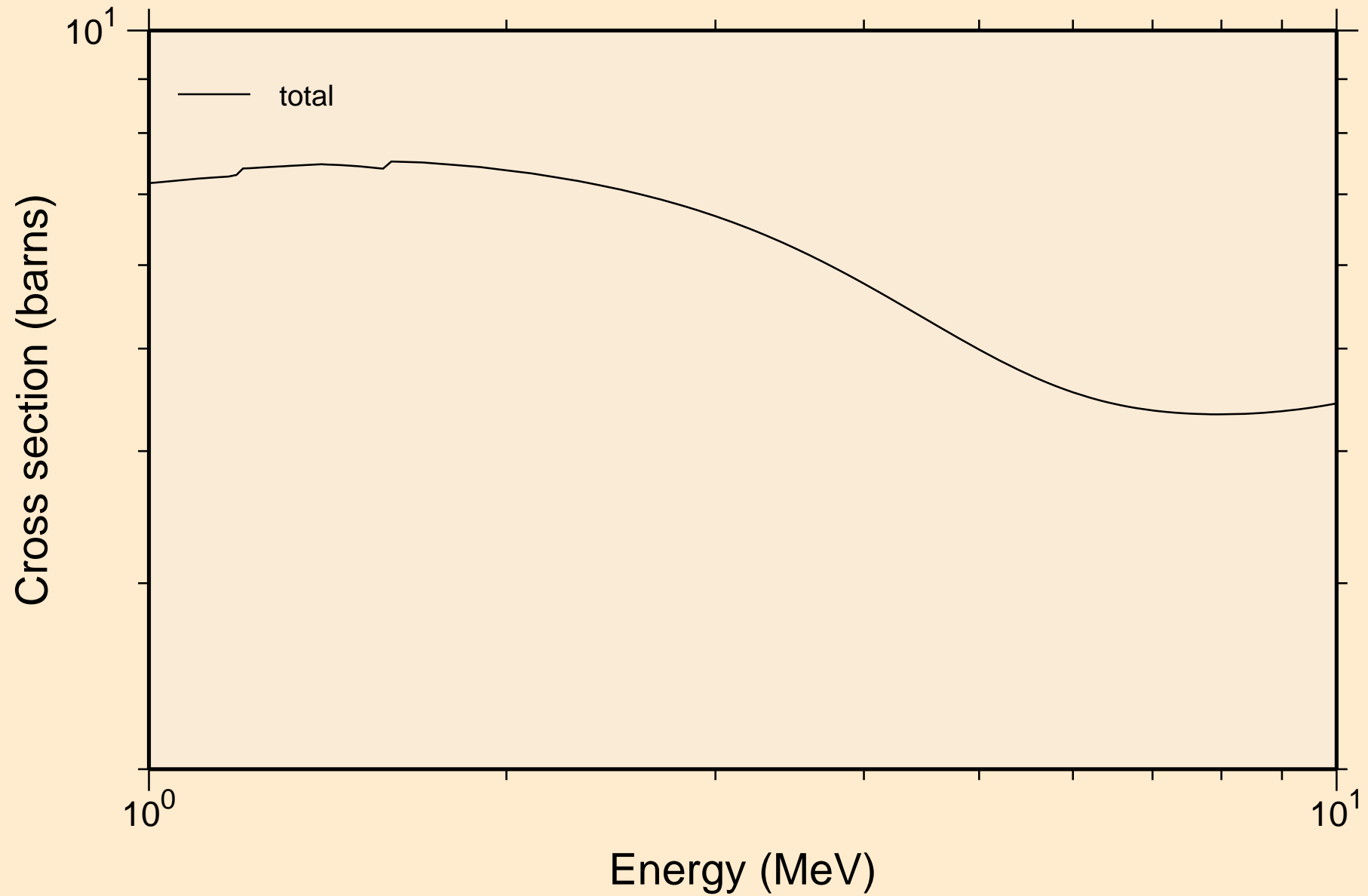
TB148M NRG TENDL-2015, AKONING  
resonance total cross section



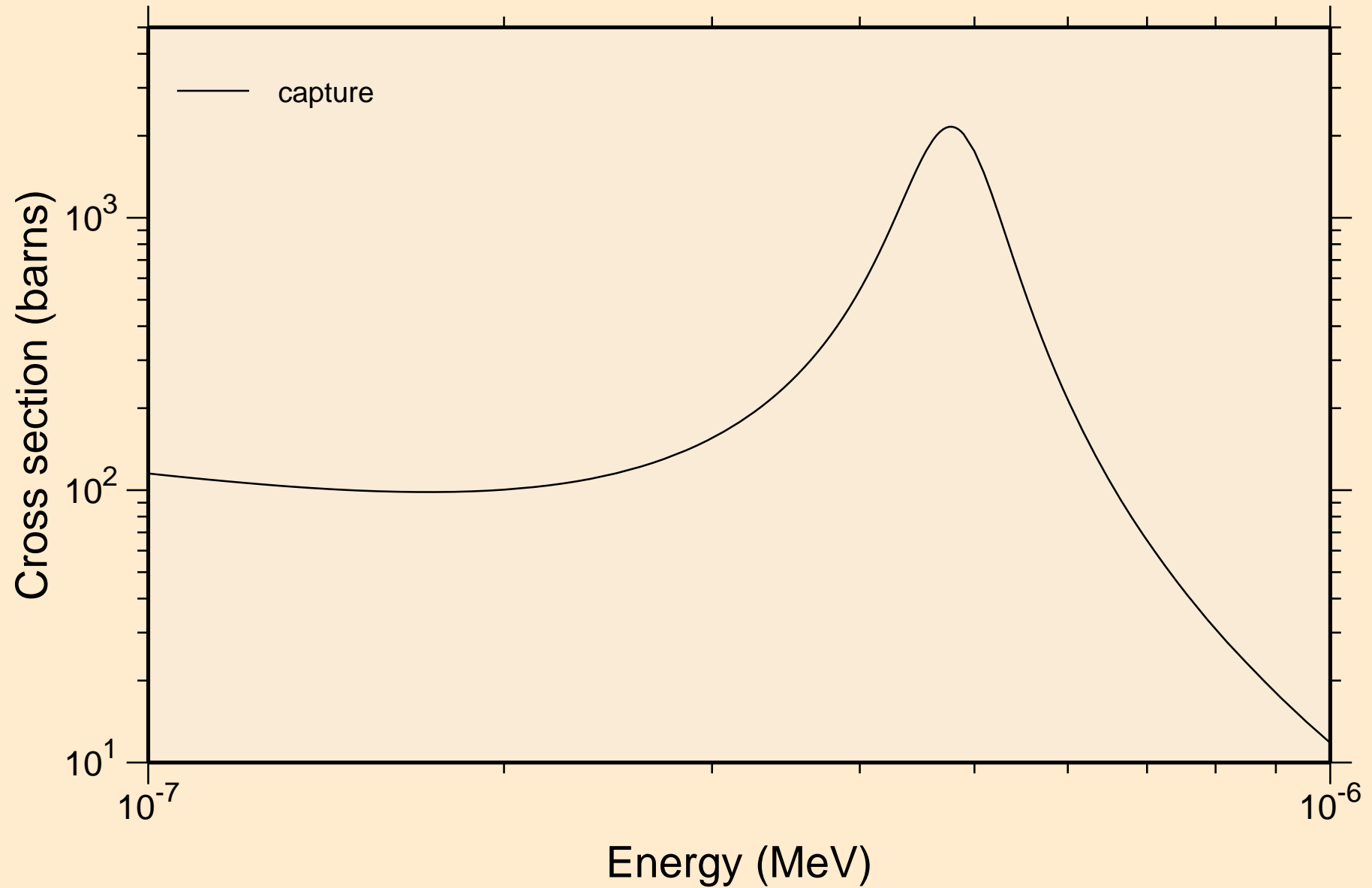
TB148M NRG TENDL-2015, AKONING  
resonance total cross section



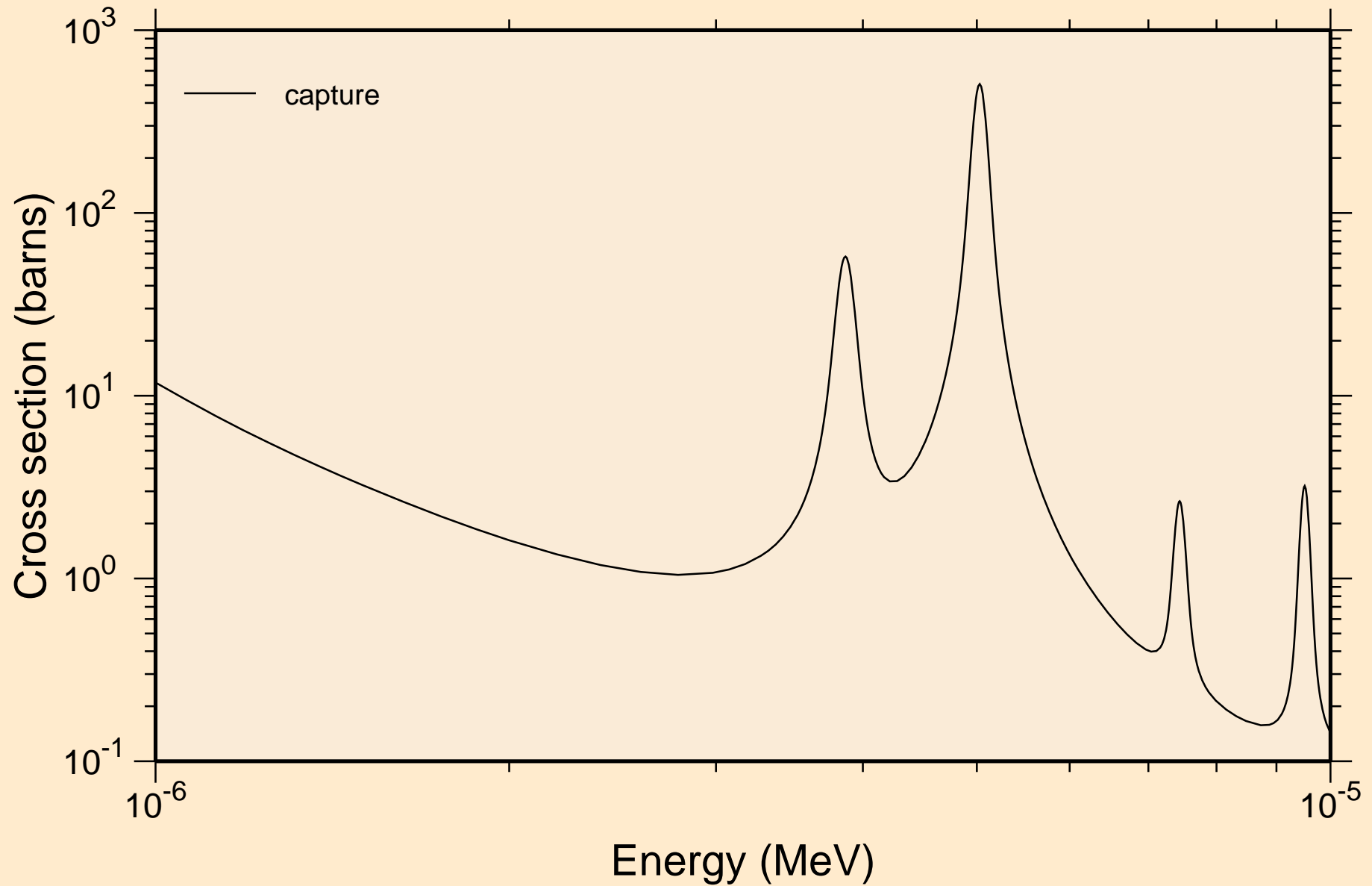
TB148M NRG TENDL-2015, AKONING  
resonance total cross section



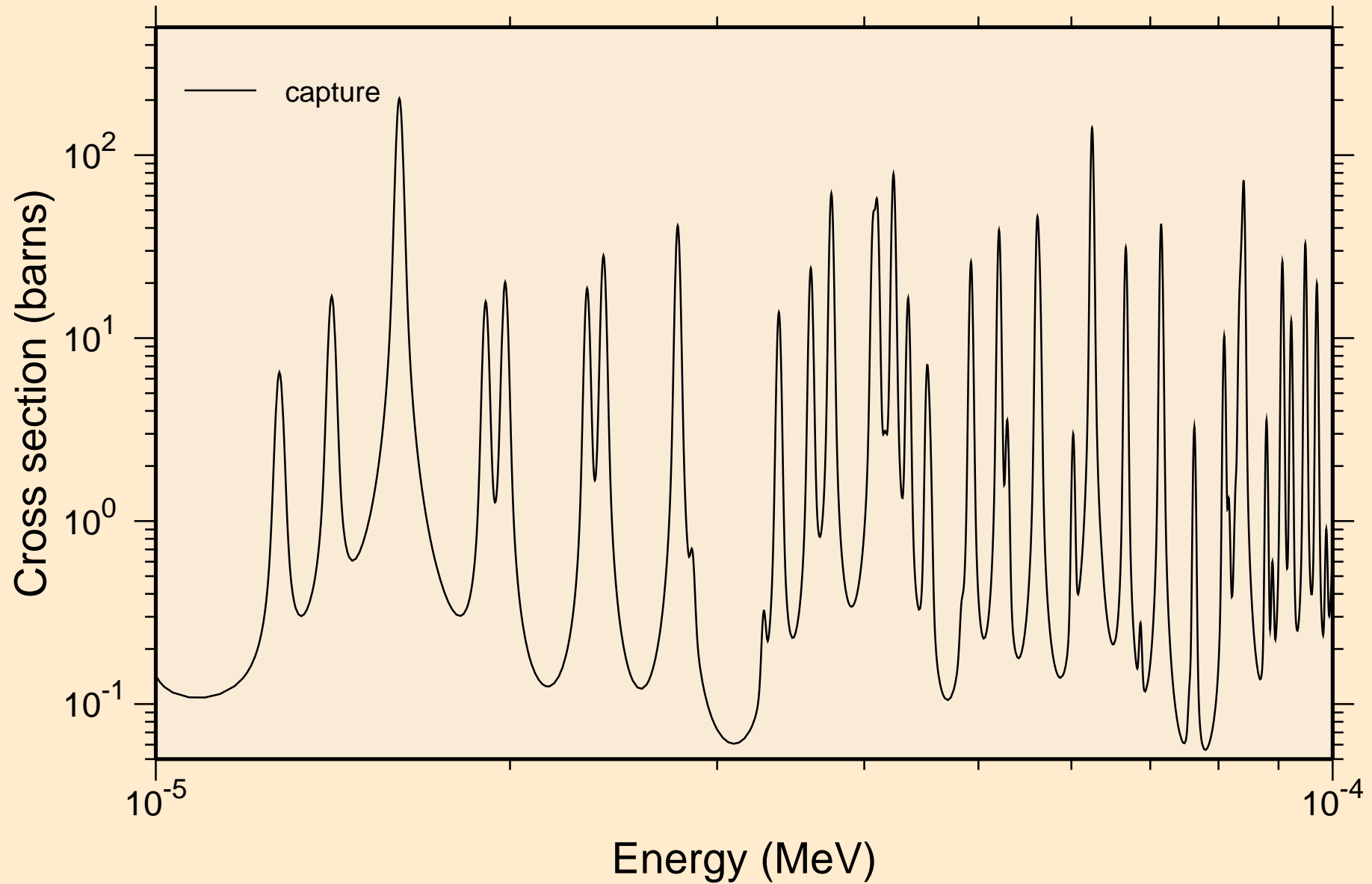
TB148M NRG TENDL-2015, AKONING  
resonance absorption cross sections



TB148M NRG TENDL-2015, AKONING  
resonance absorption cross sections

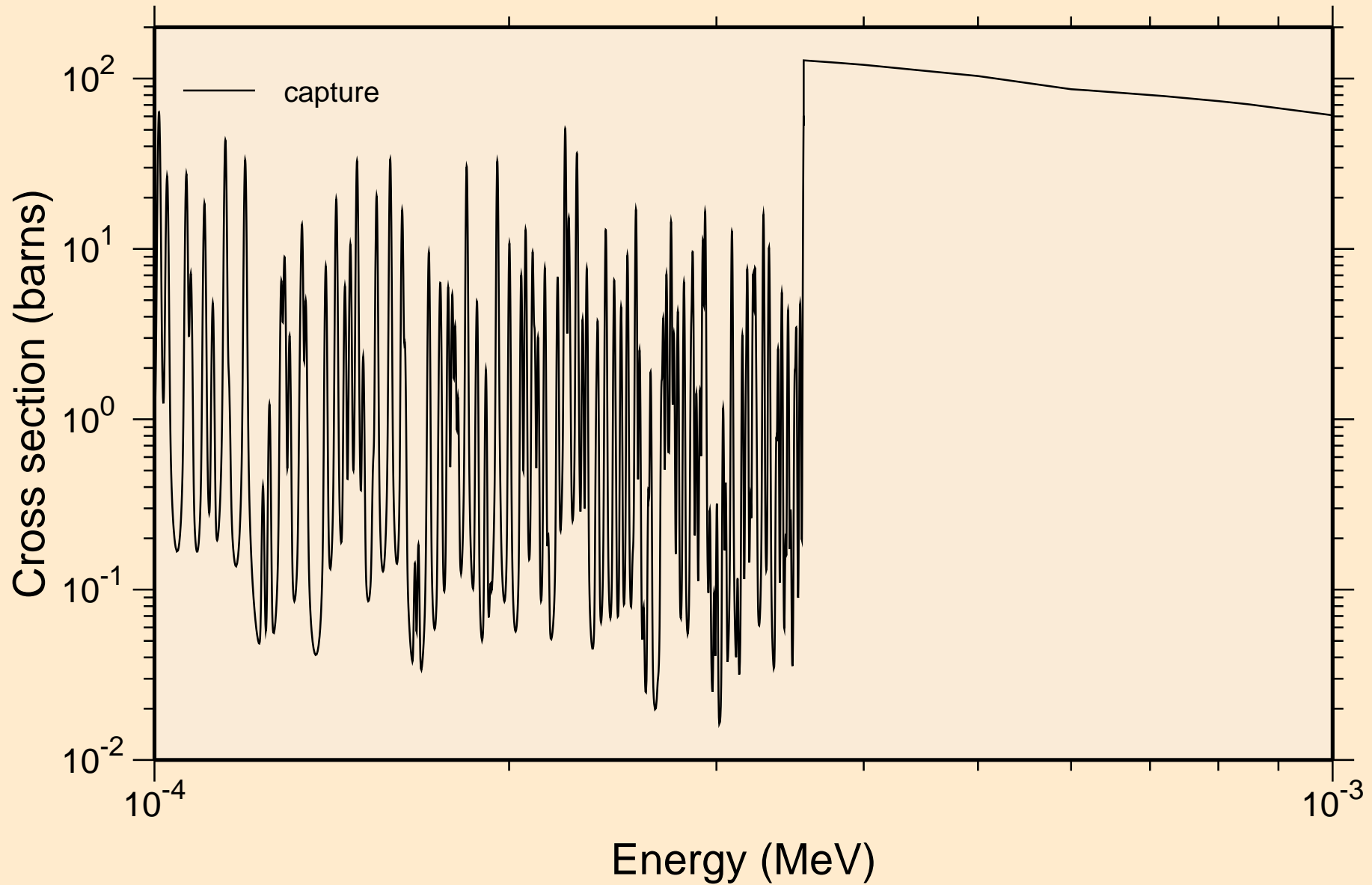


TB148M NRG TENDL-2015, AKONING  
resonance absorption cross sections

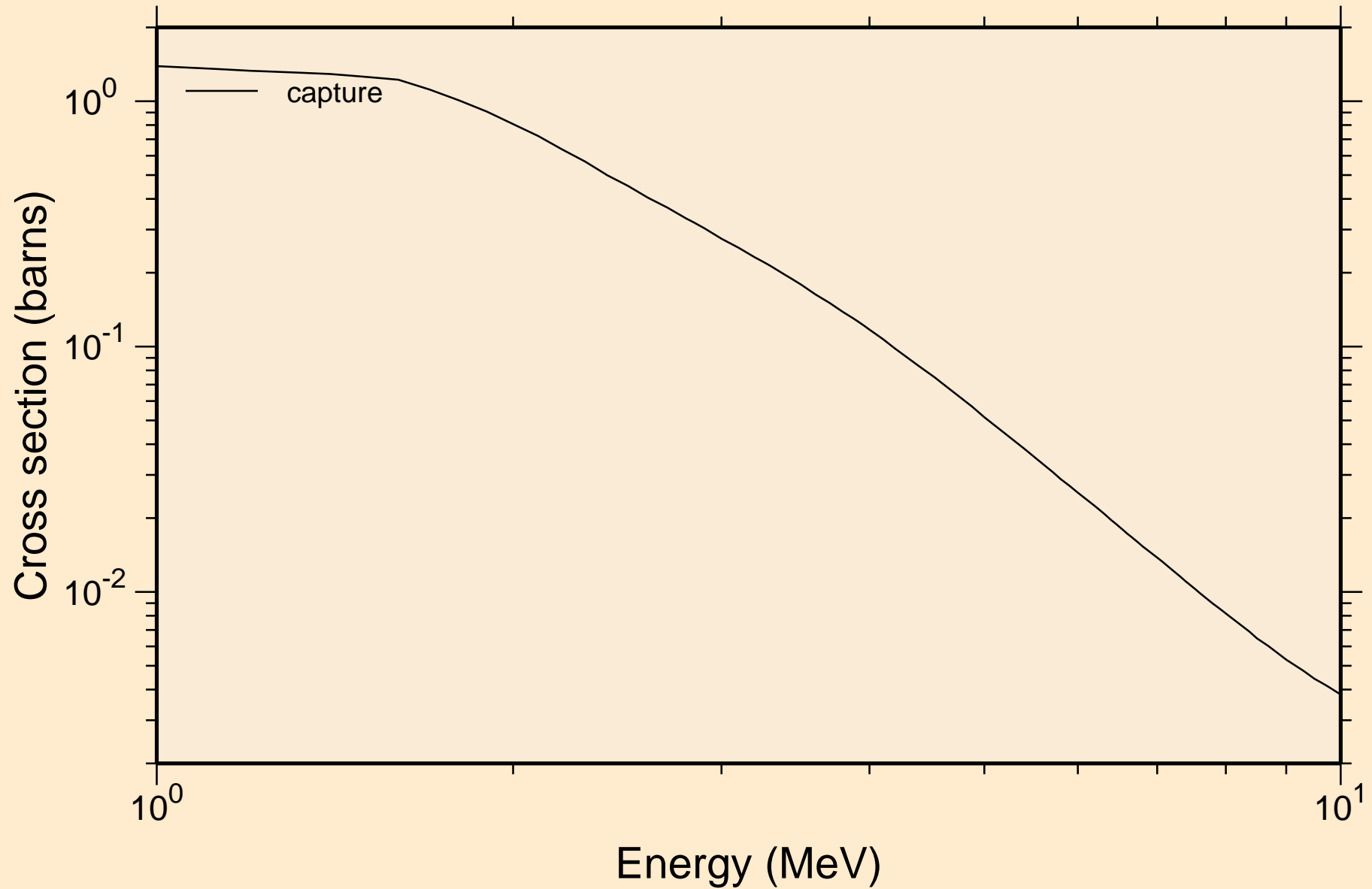




TB148M NRG TENDL-2015, AKONING  
resonance absorption cross sections

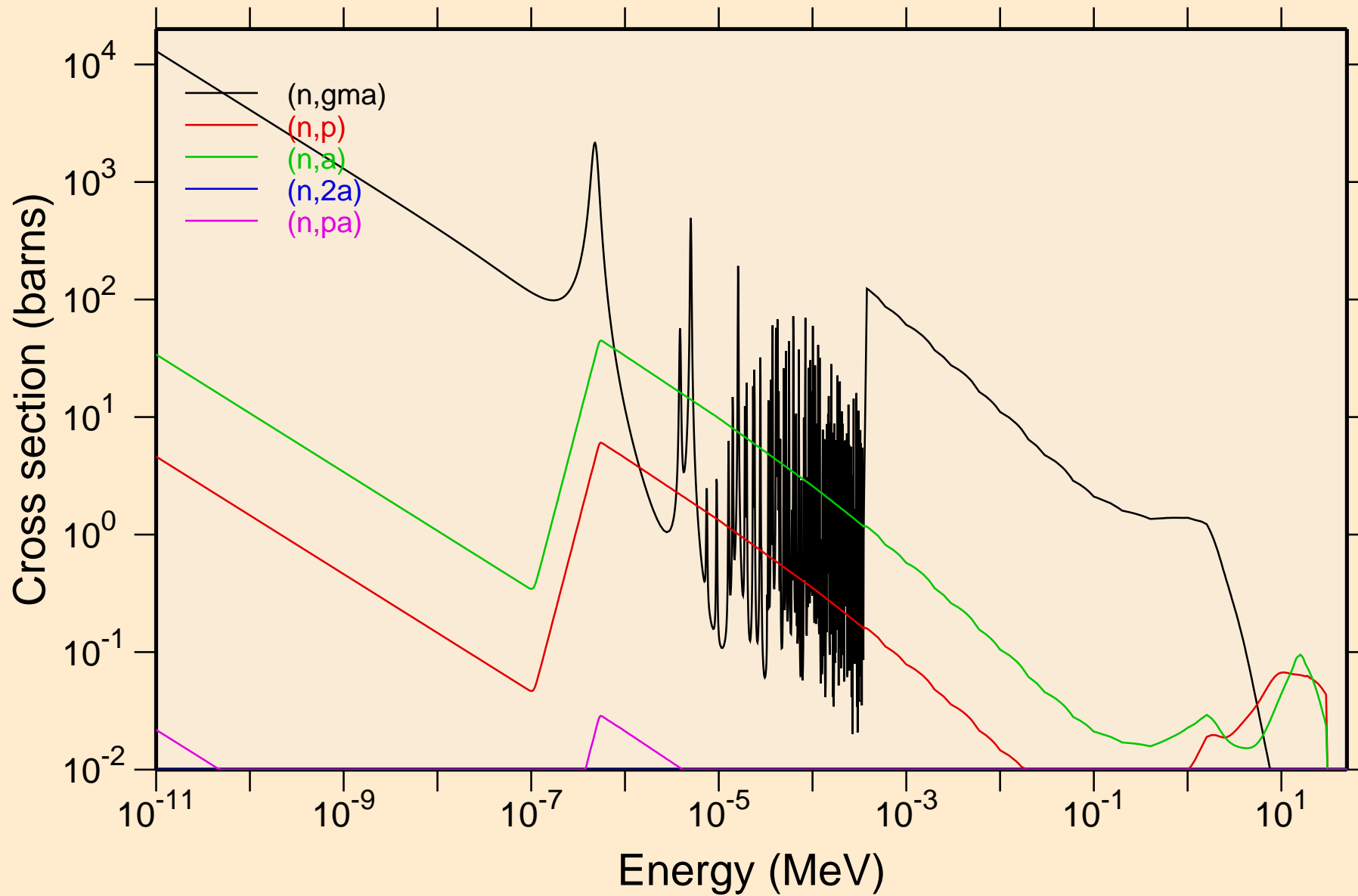


TB148M NRG TENDL-2015, AKONING  
resonance absorption cross sections



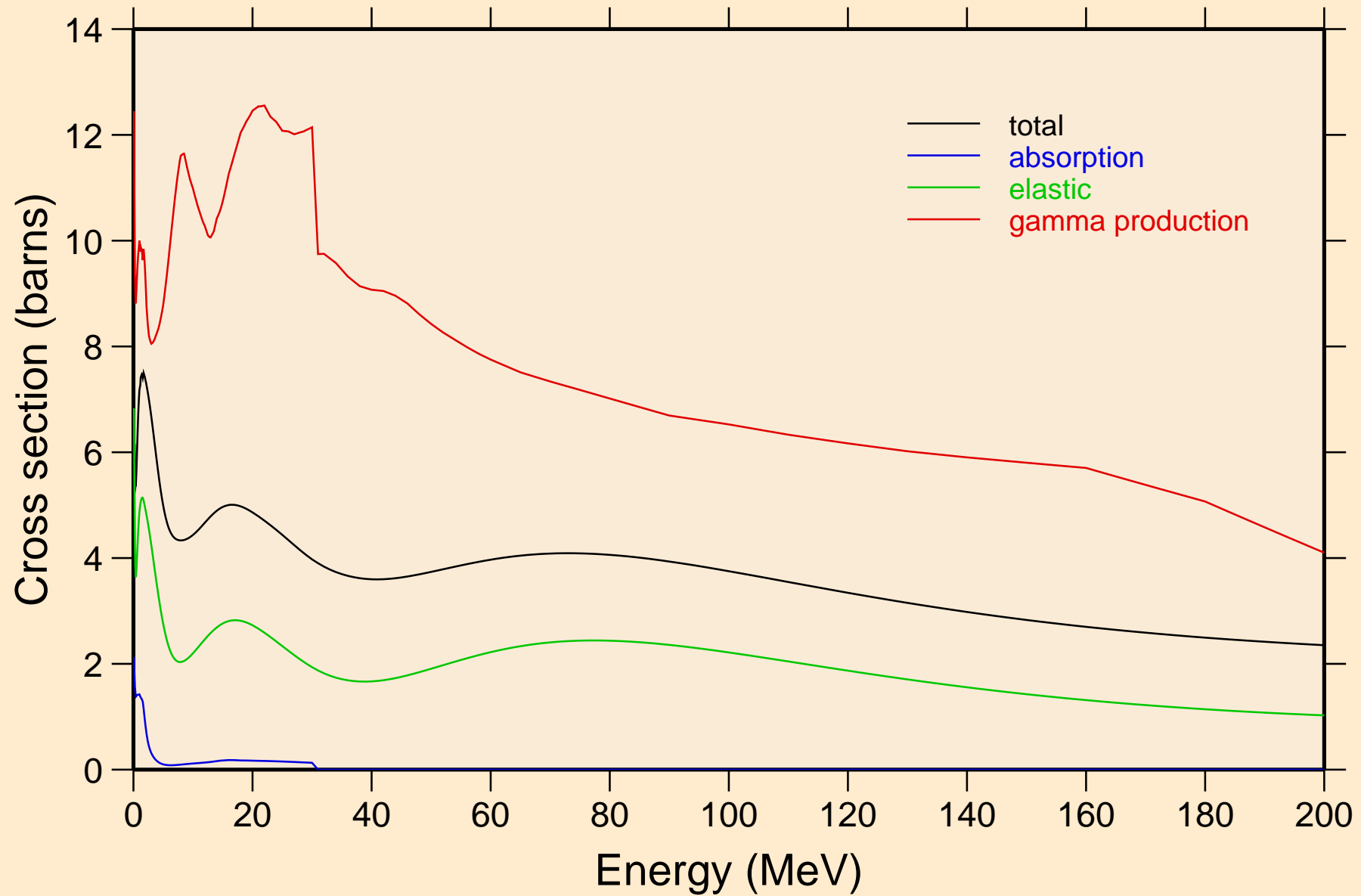
# TB148M NRG TENDL-2015, AKONING

## Non-threshold reactions



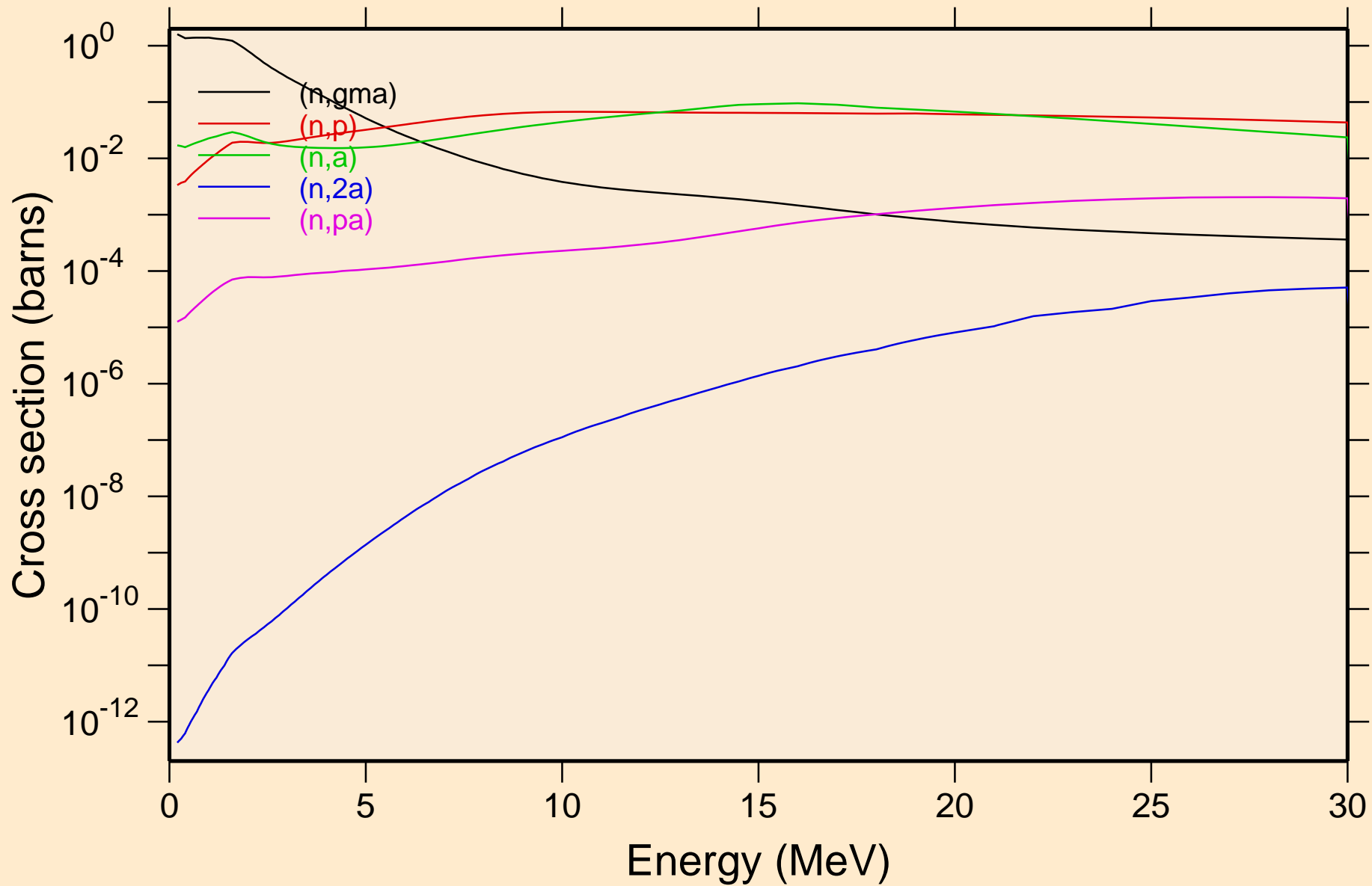
# TB148M NRG TENDL-2015, AKONING

## Principal cross sections

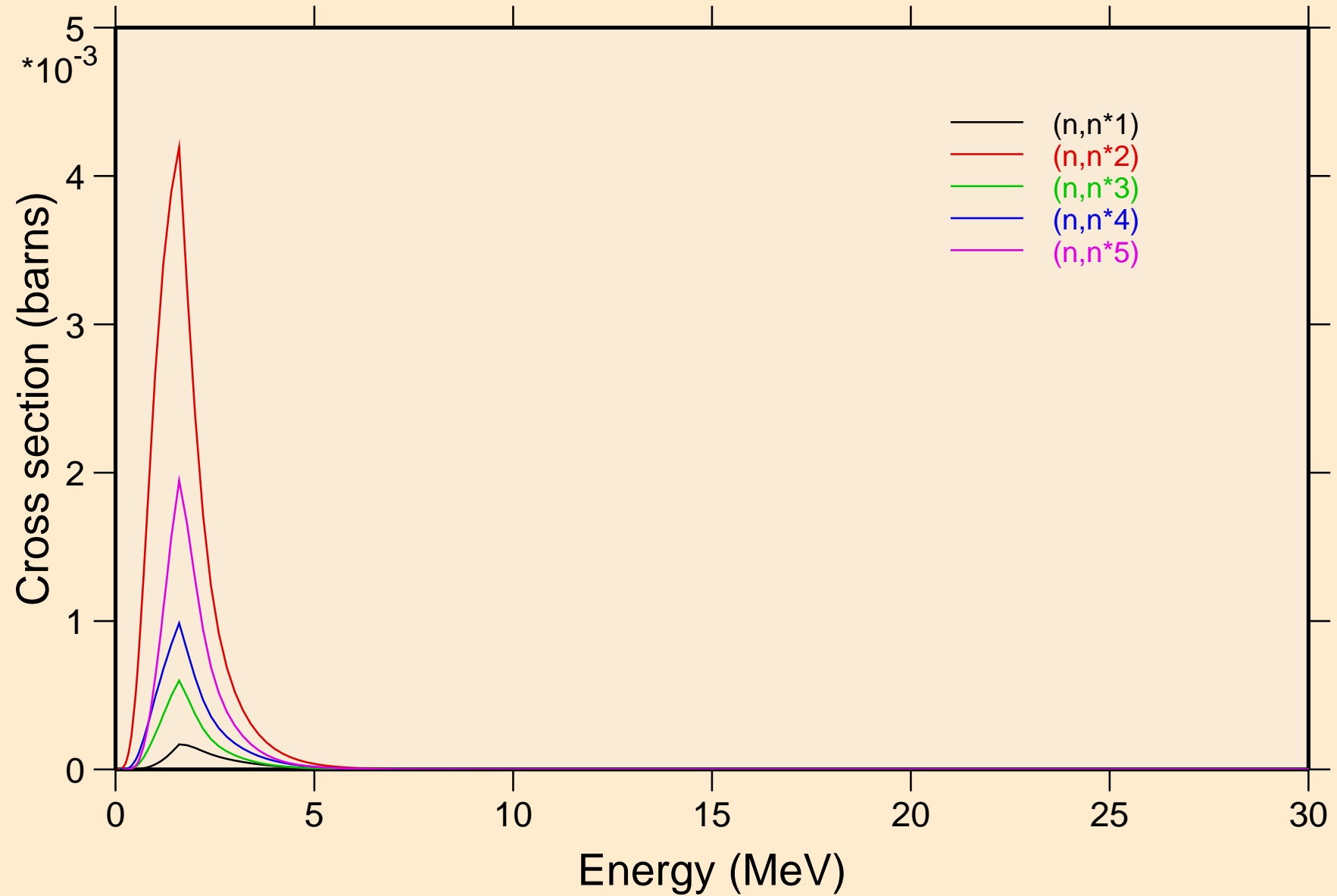


# TB148M NRG TENDL-2015, AKONING

## Non-threshold reactions

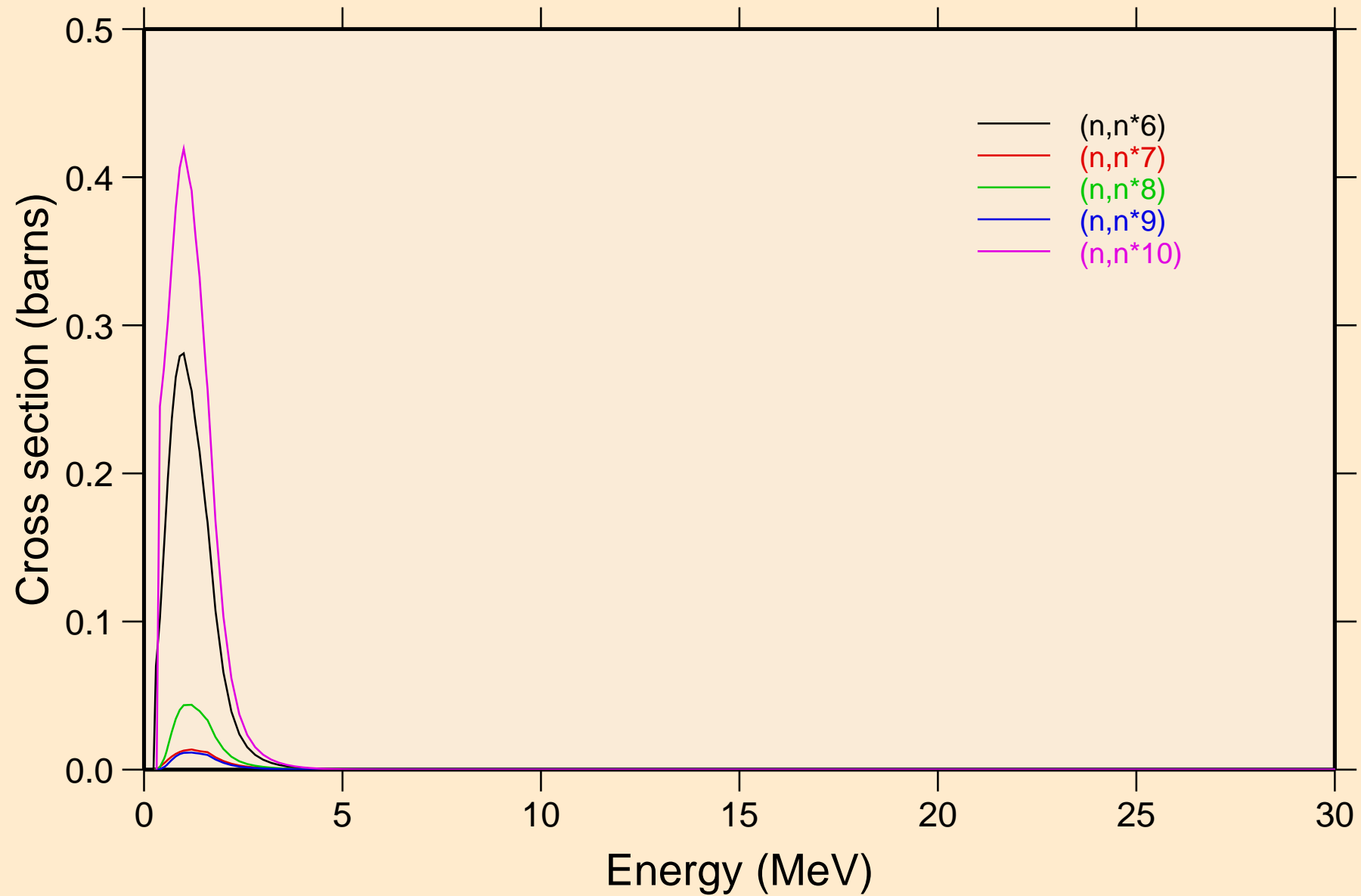


TB148M NRG TENDL-2015, AKONING  
Inelastic levels

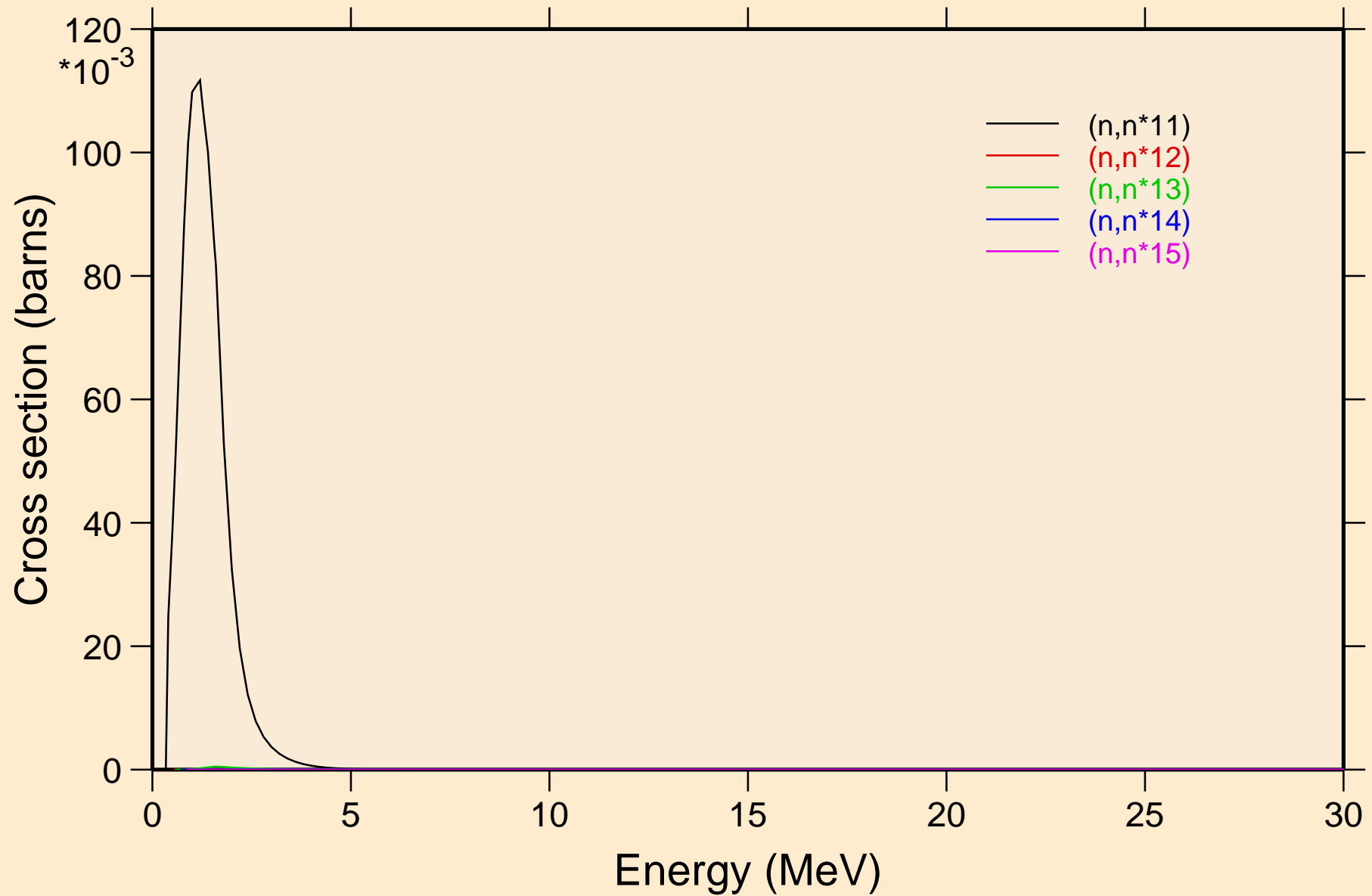


# TB148M NRG TENDL-2015, AKONING

## Inelastic levels



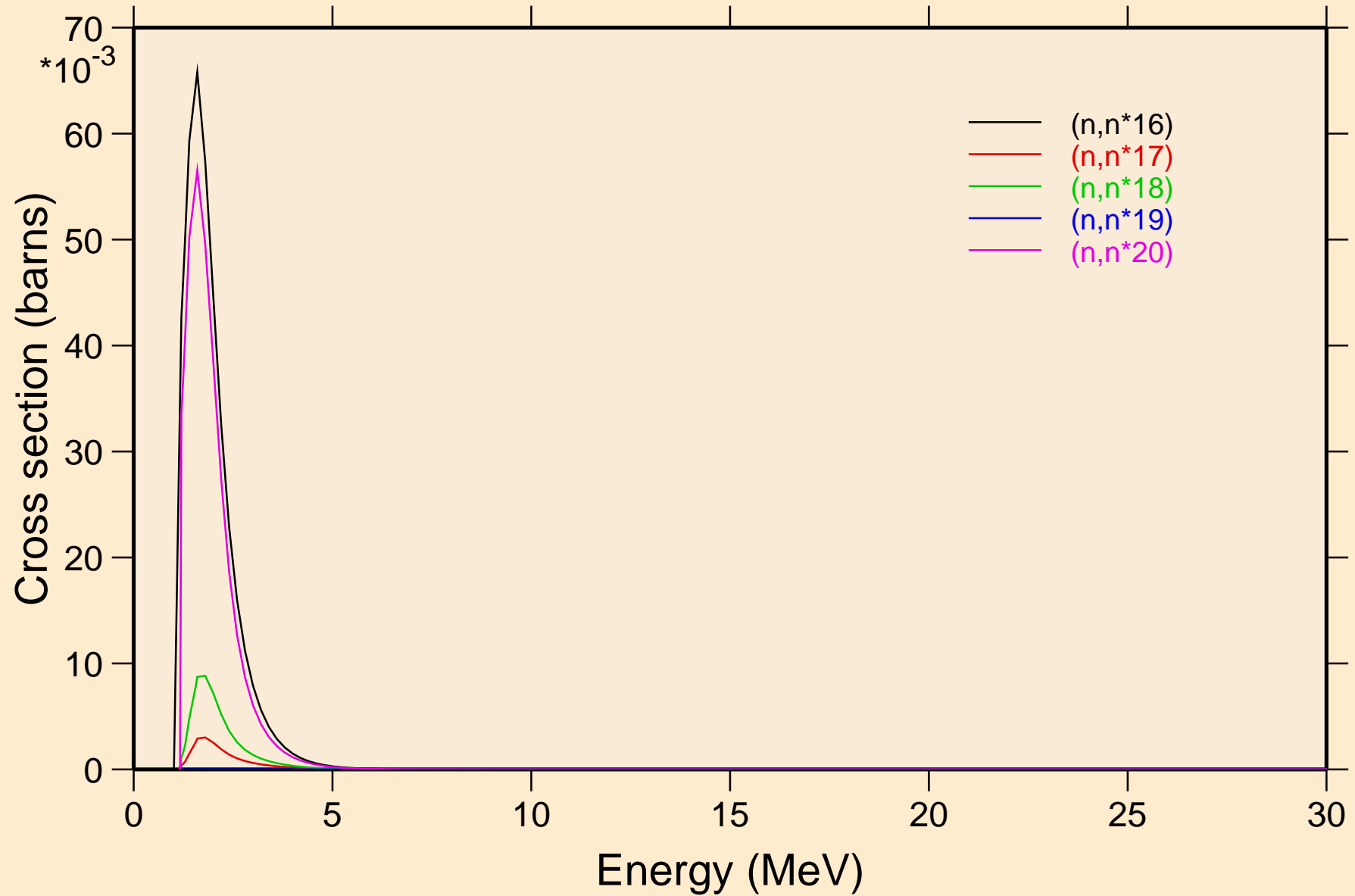
TB148M NRG TENDL-2015, AKONING  
Inelastic levels





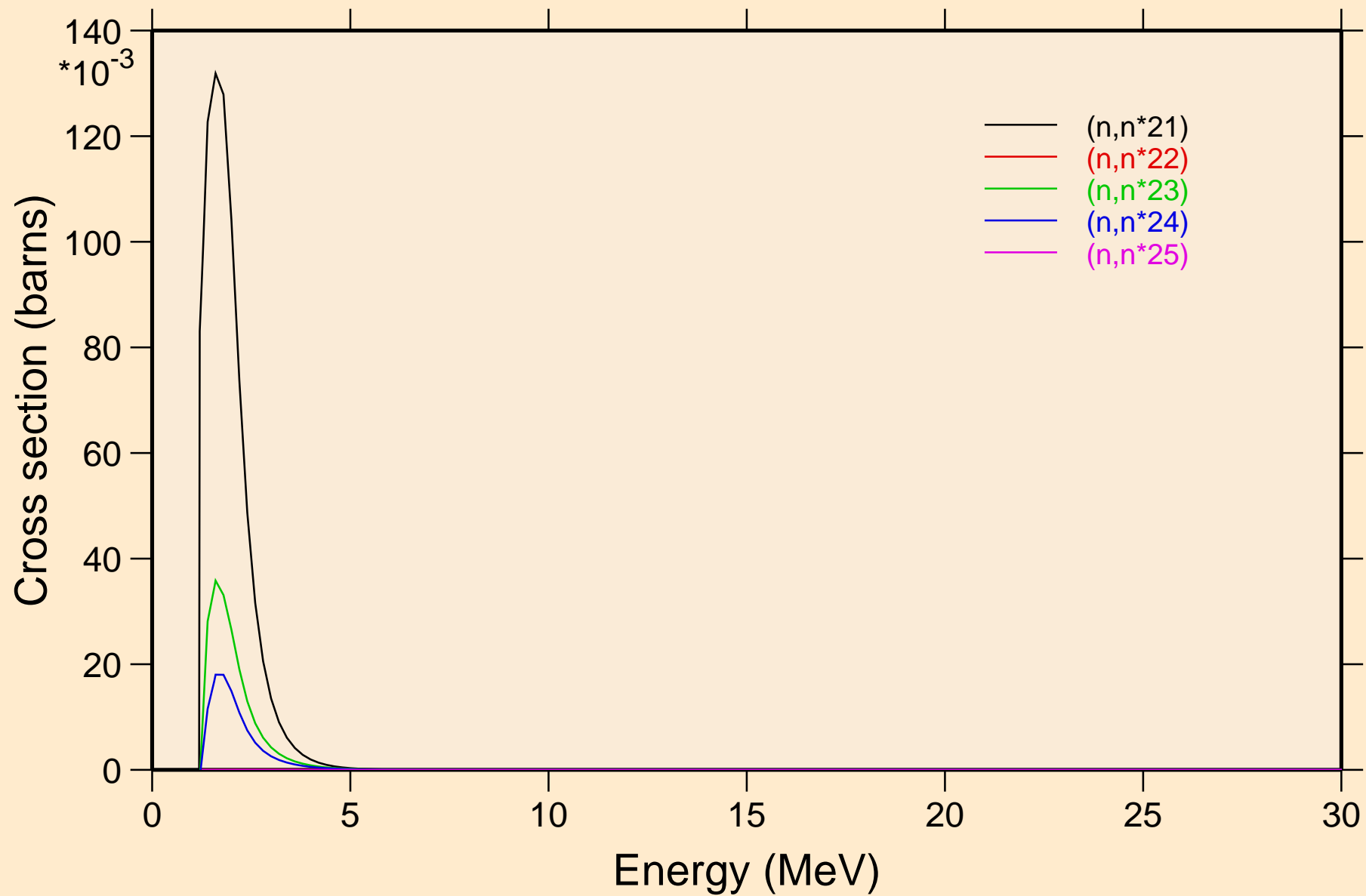
# TB148M NRG TENDL-2015, AKONING

## Inelastic levels



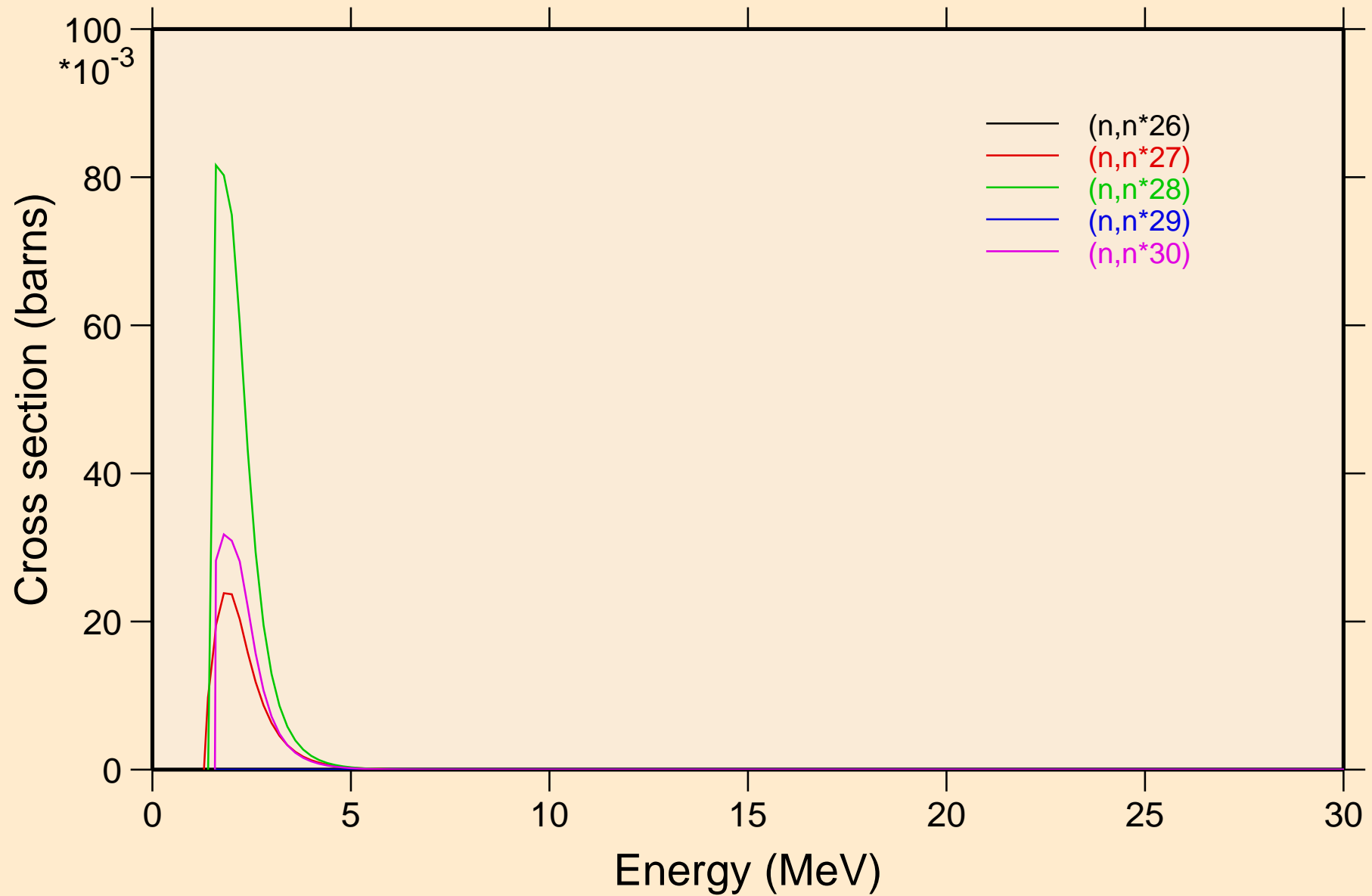
# TB148M NRG TENDL-2015, AKONING

## Inelastic levels



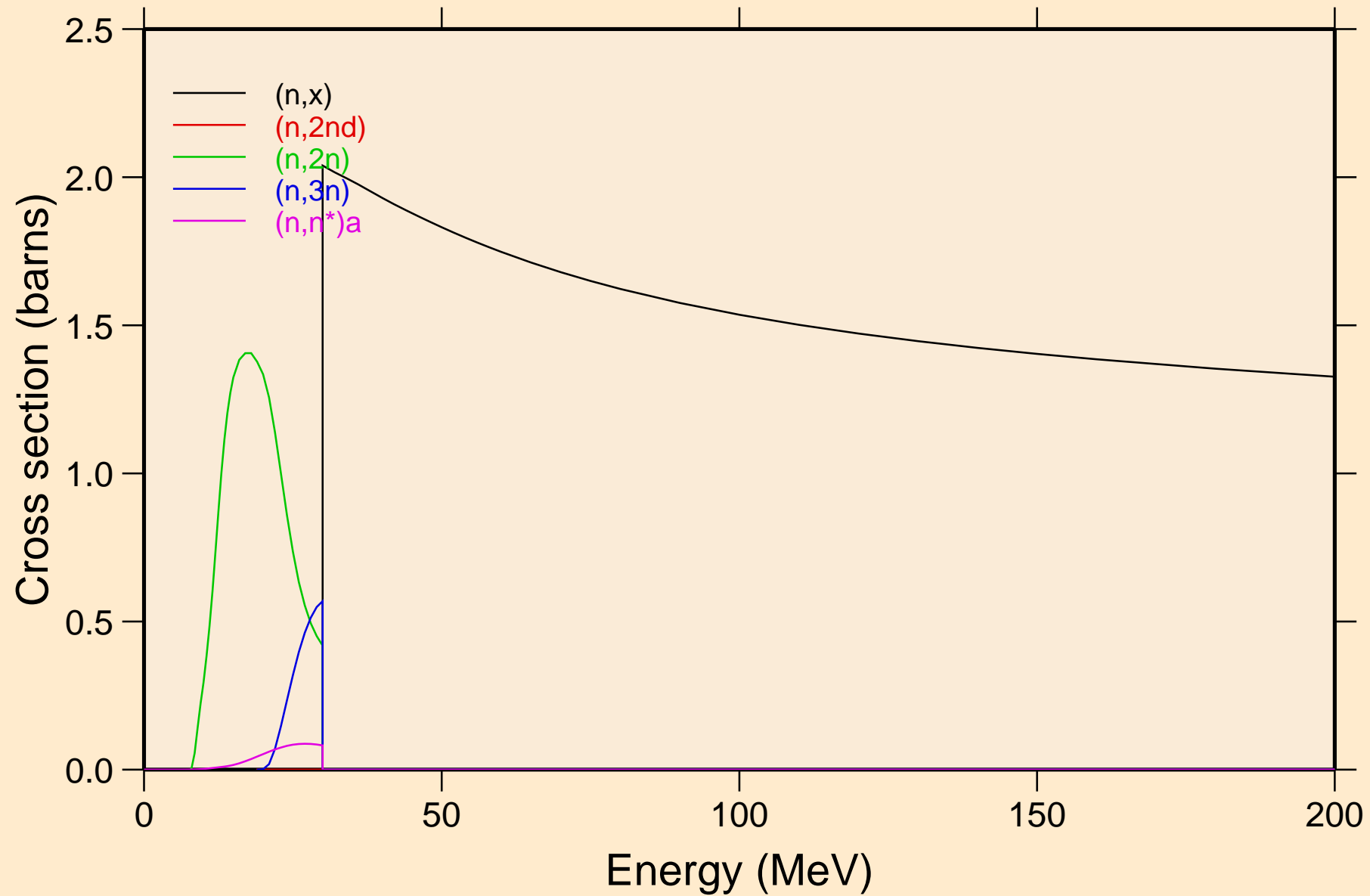
# TB148M NRG TENDL-2015, AKONING

## Inelastic levels



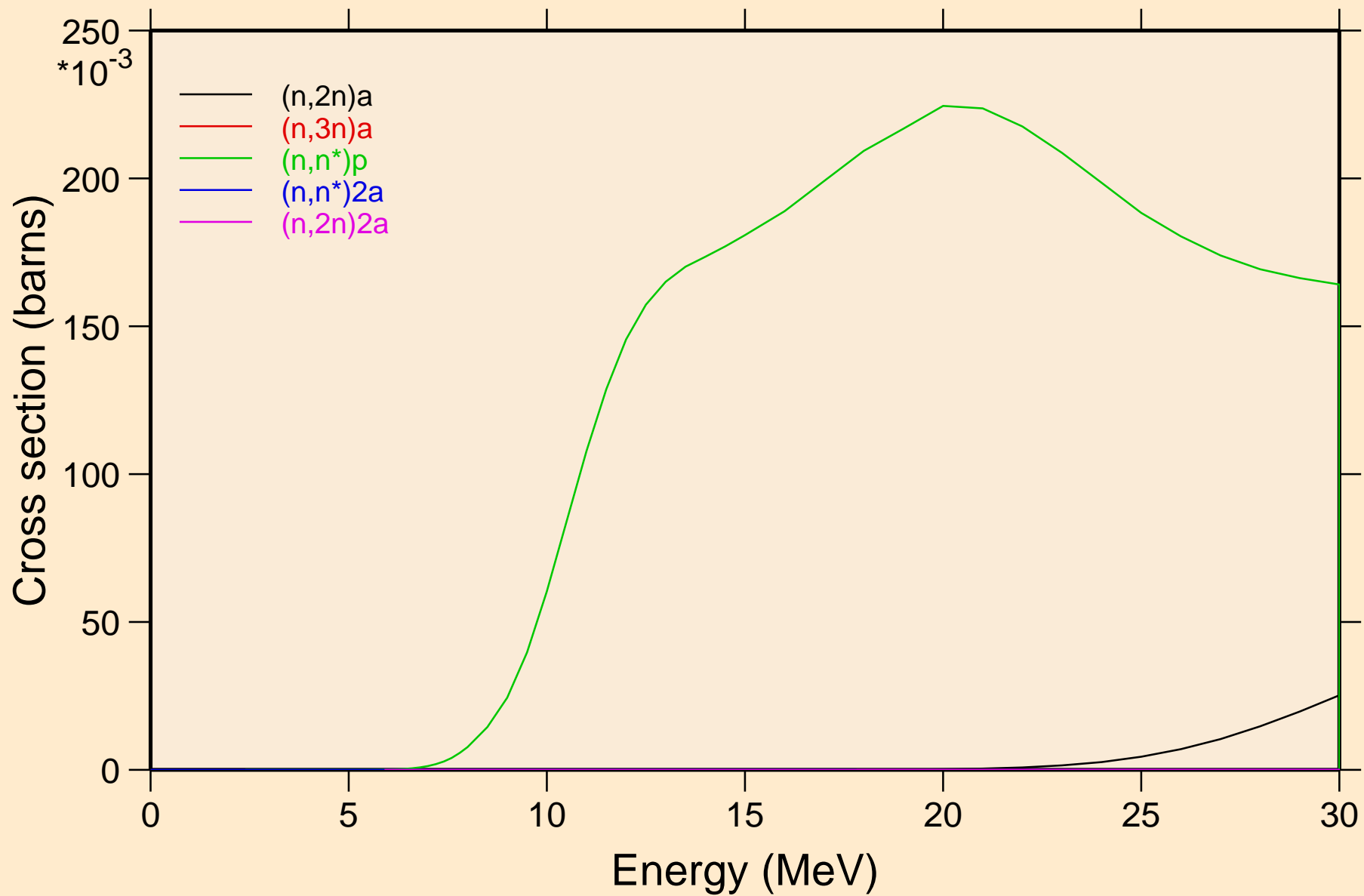
# TB148M NRG TENDL-2015, AKONING

## Threshold reactions



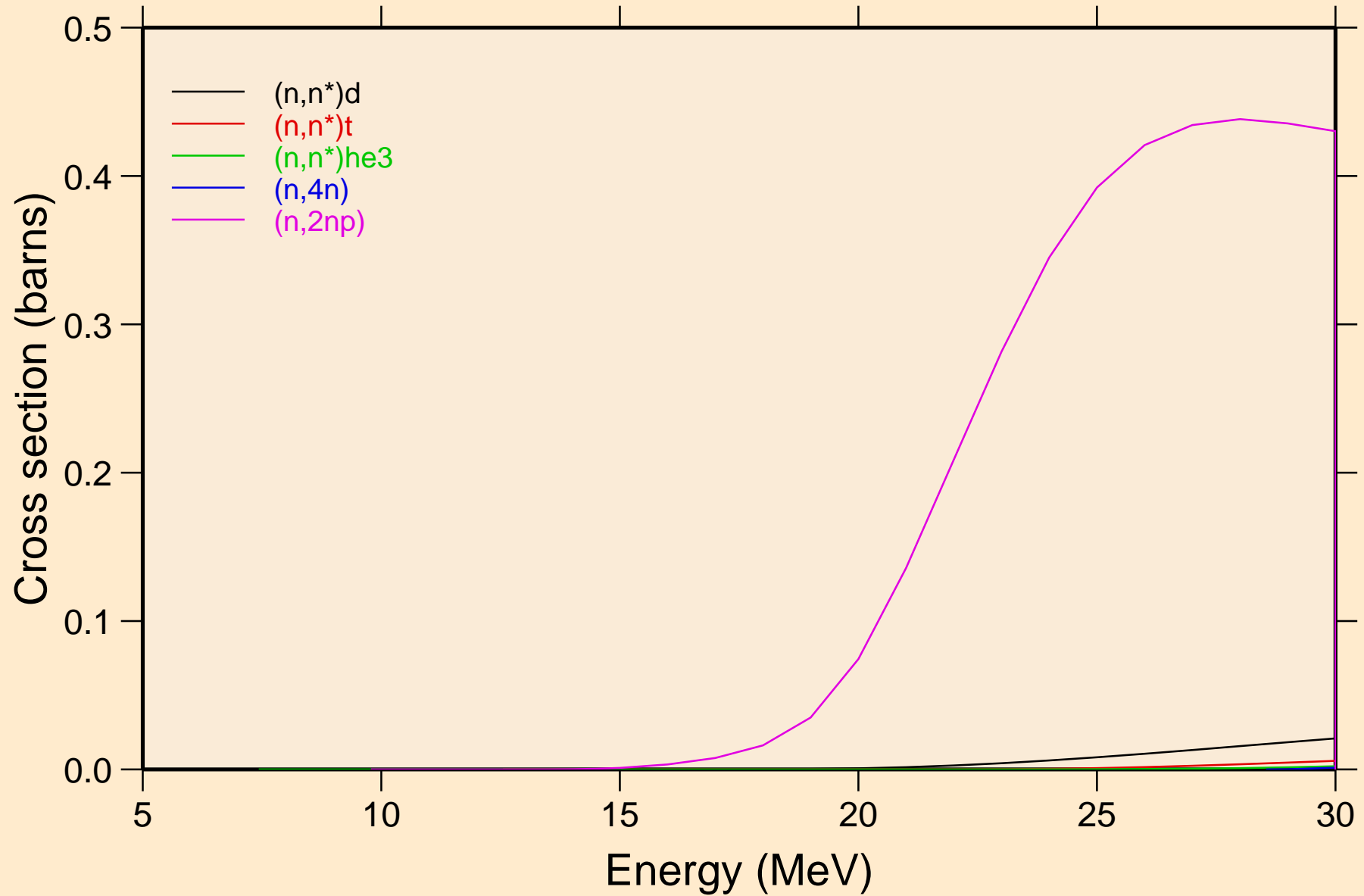
# TB148M NRG TENDL-2015, AKONING

## Threshold reactions



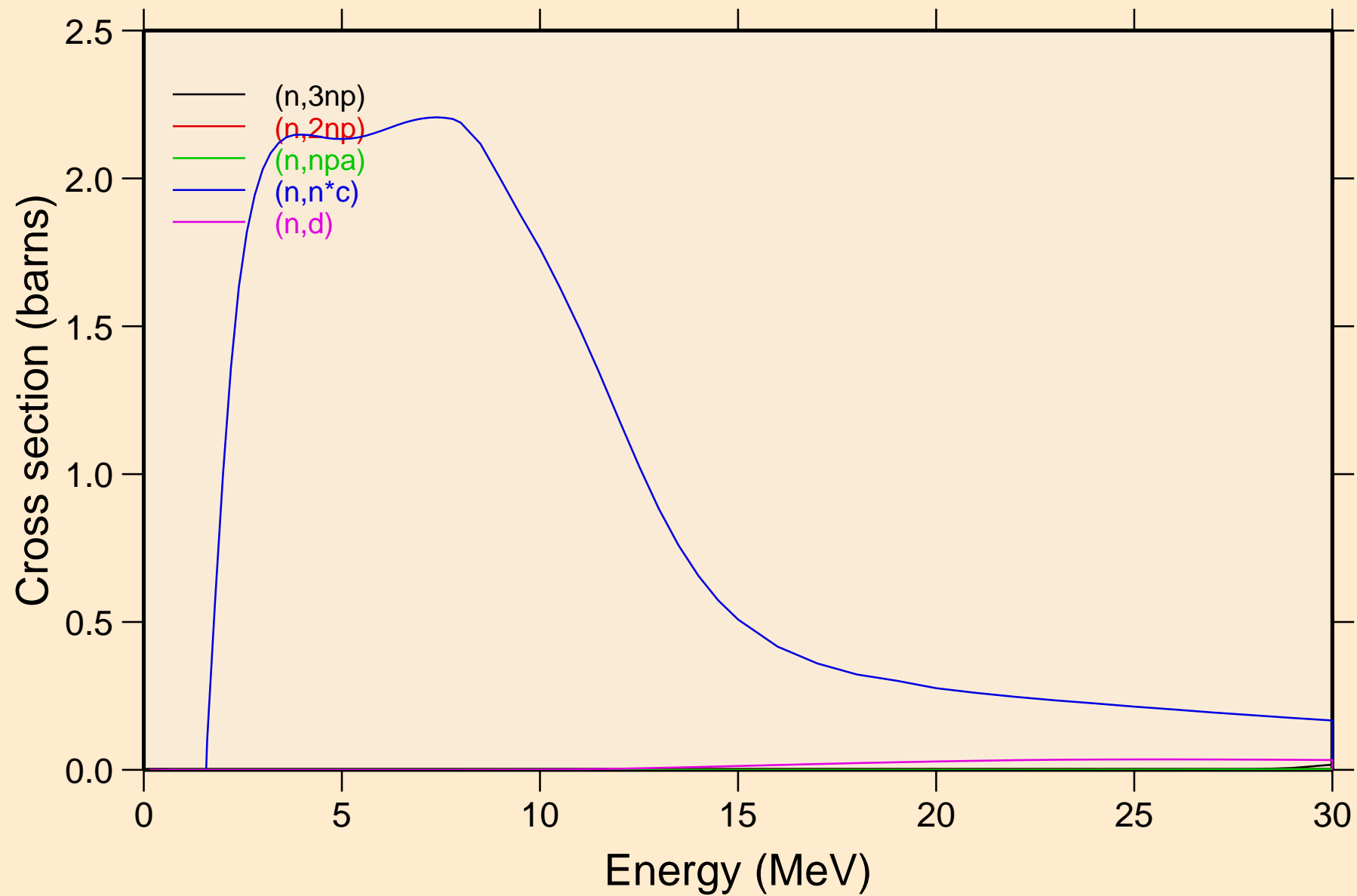
# TB148M NRG TENDL-2015, AKONING

## Threshold reactions



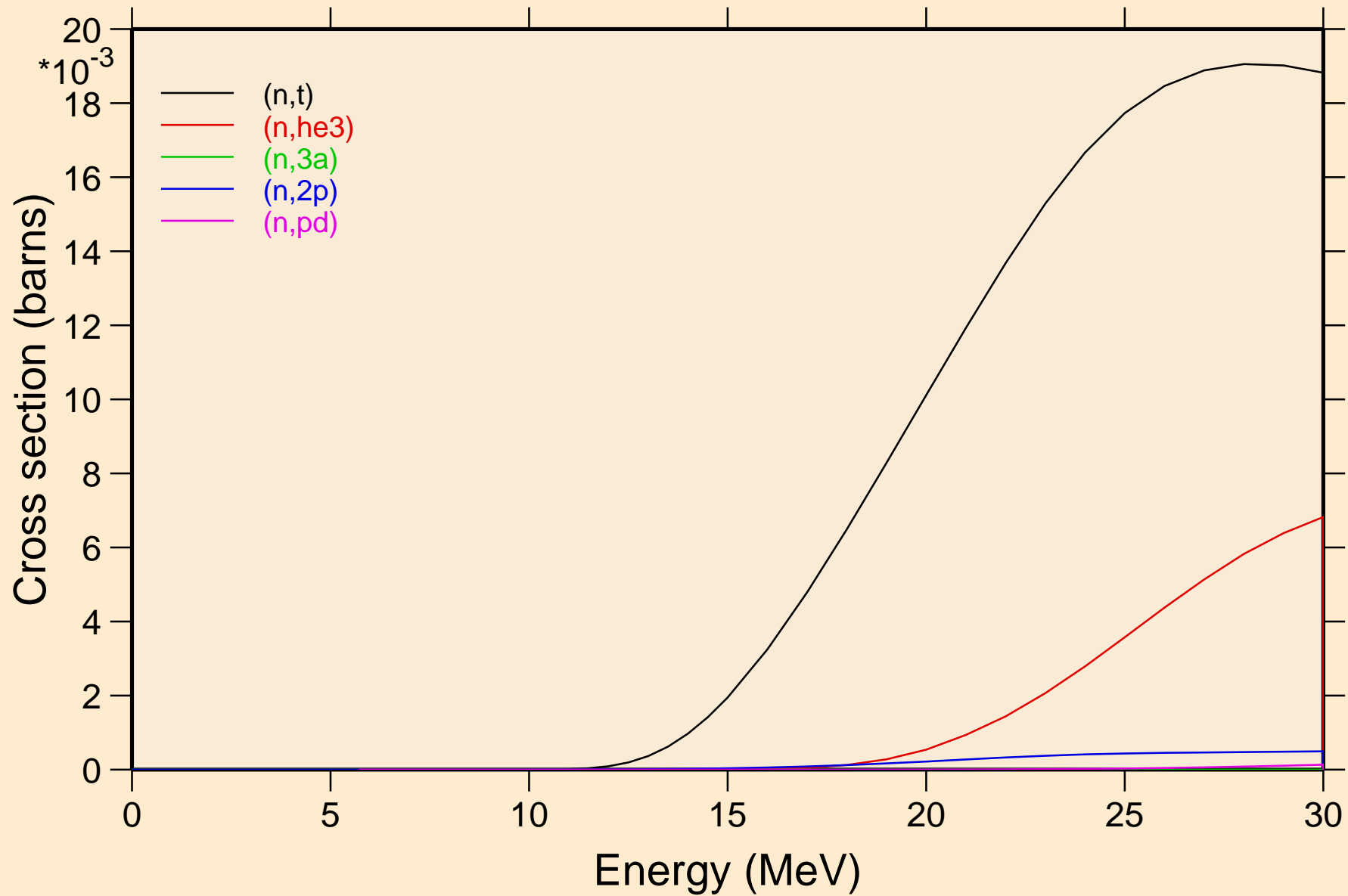
# TB148M NRG TENDL-2015, AKONING

## Threshold reactions



# TB148M NRG TENDL-2015, AKONING

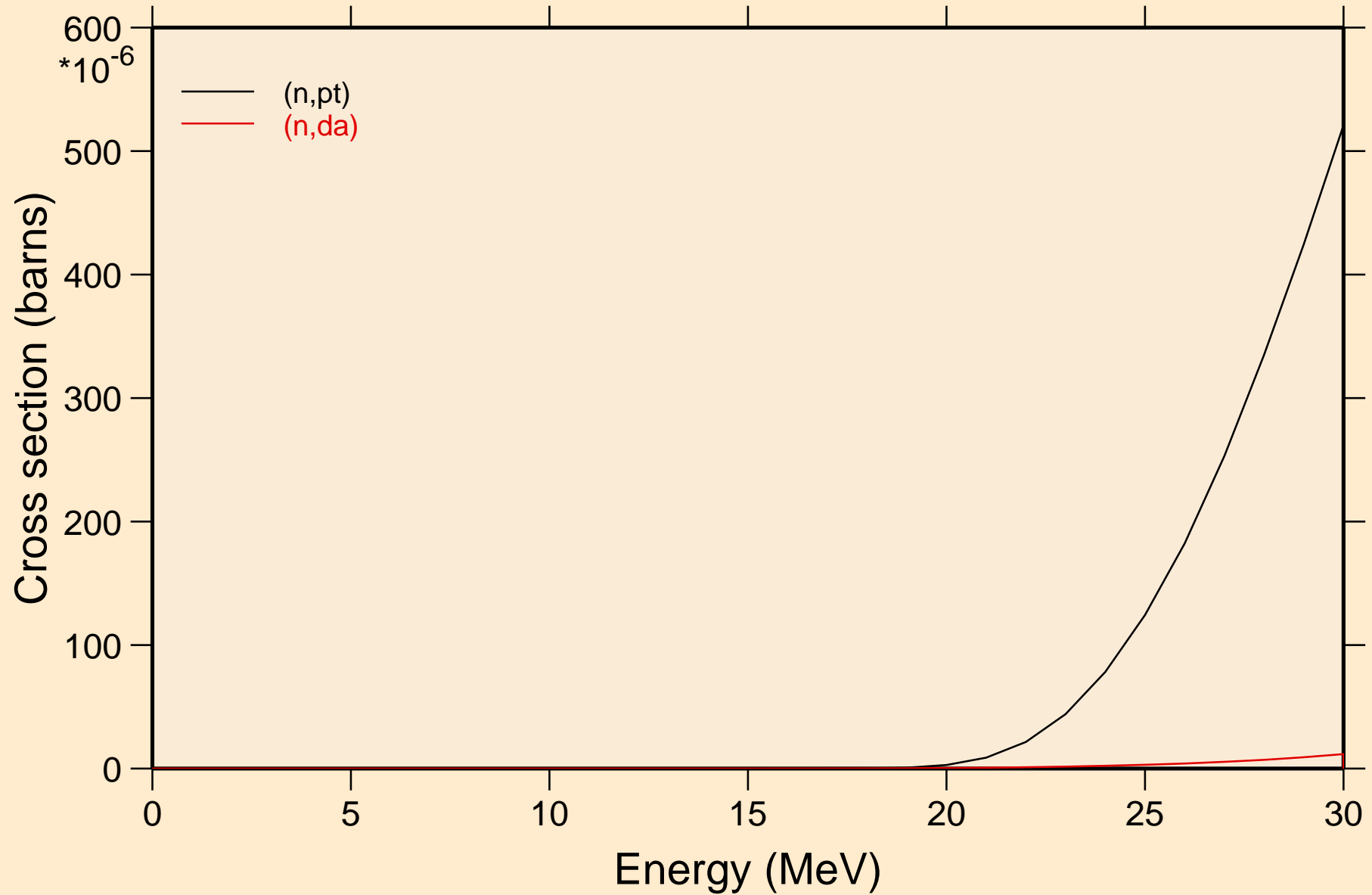
## Threshold reactions



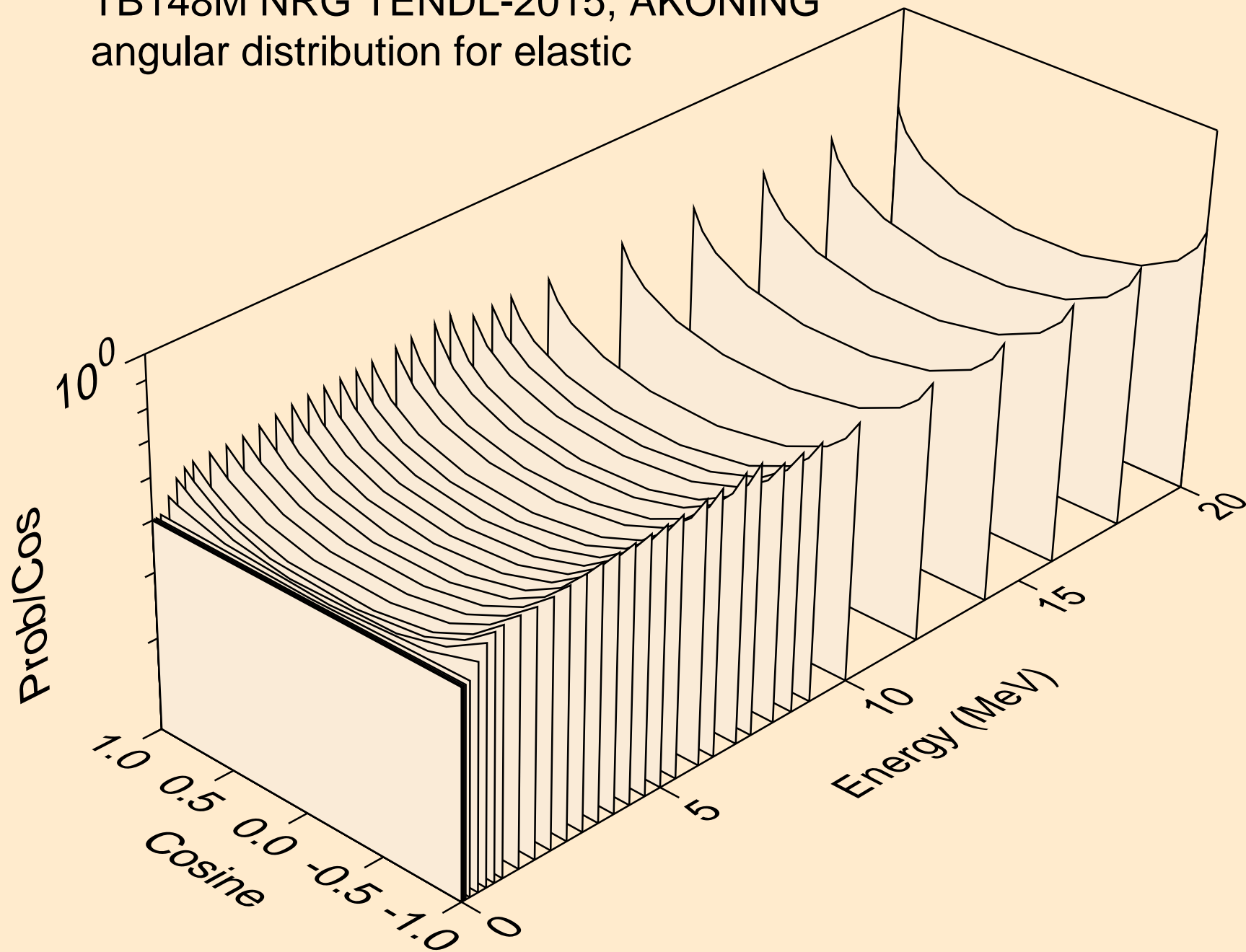


# TB148M NRG TENDL-2015, AKONING

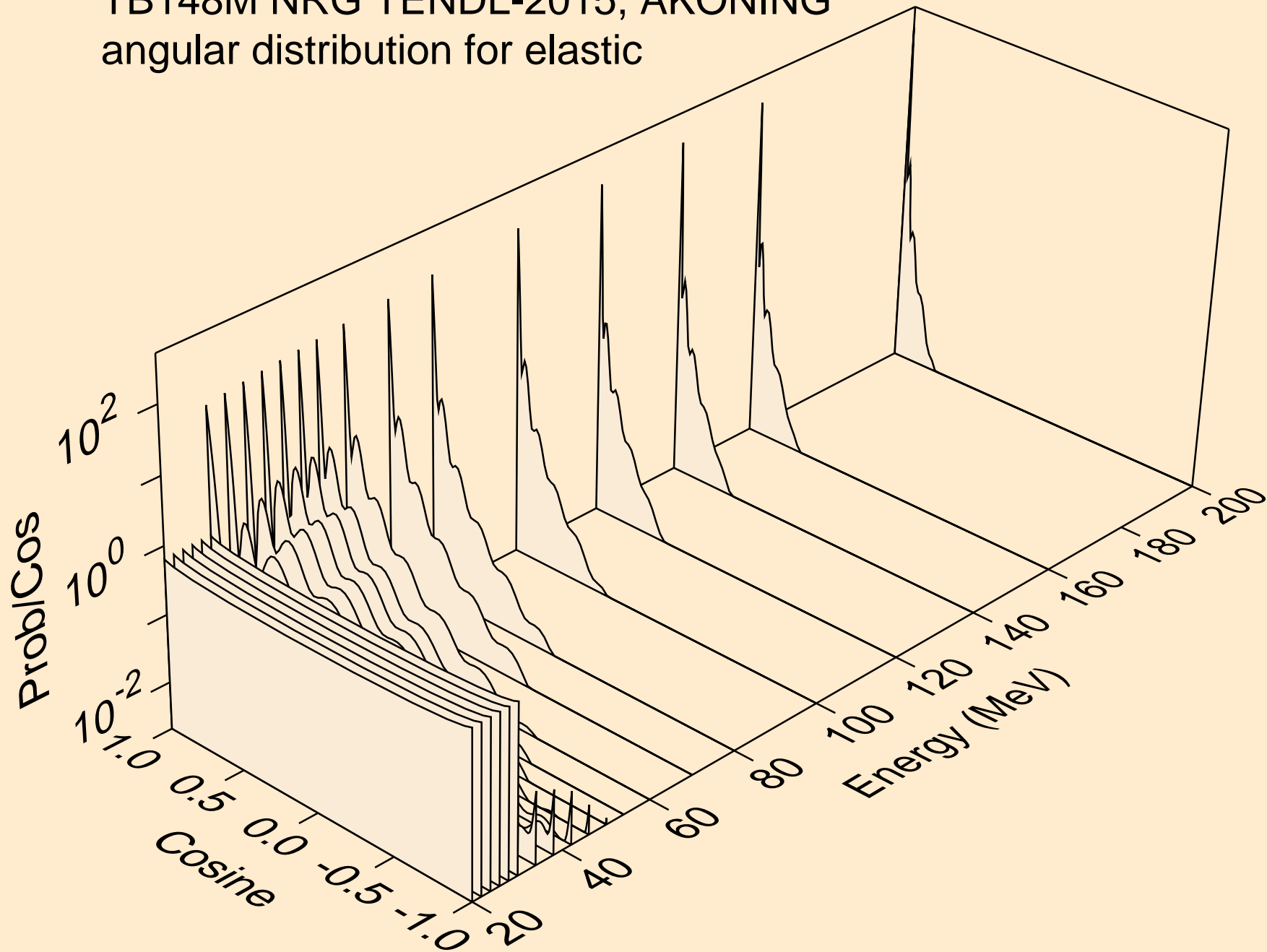
## Threshold reactions



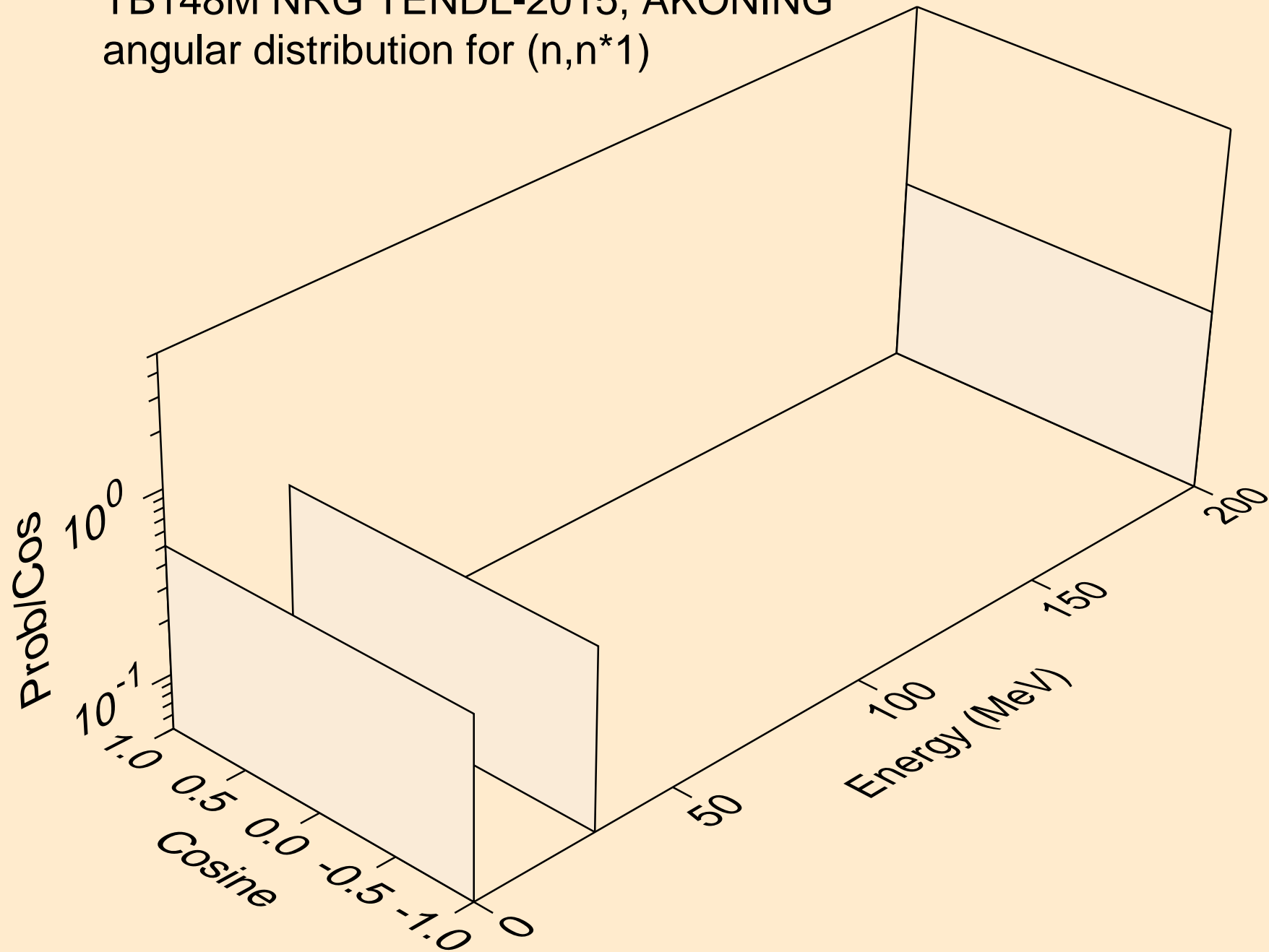
TB148M NRG TENDL-2015, AKONING  
angular distribution for elastic



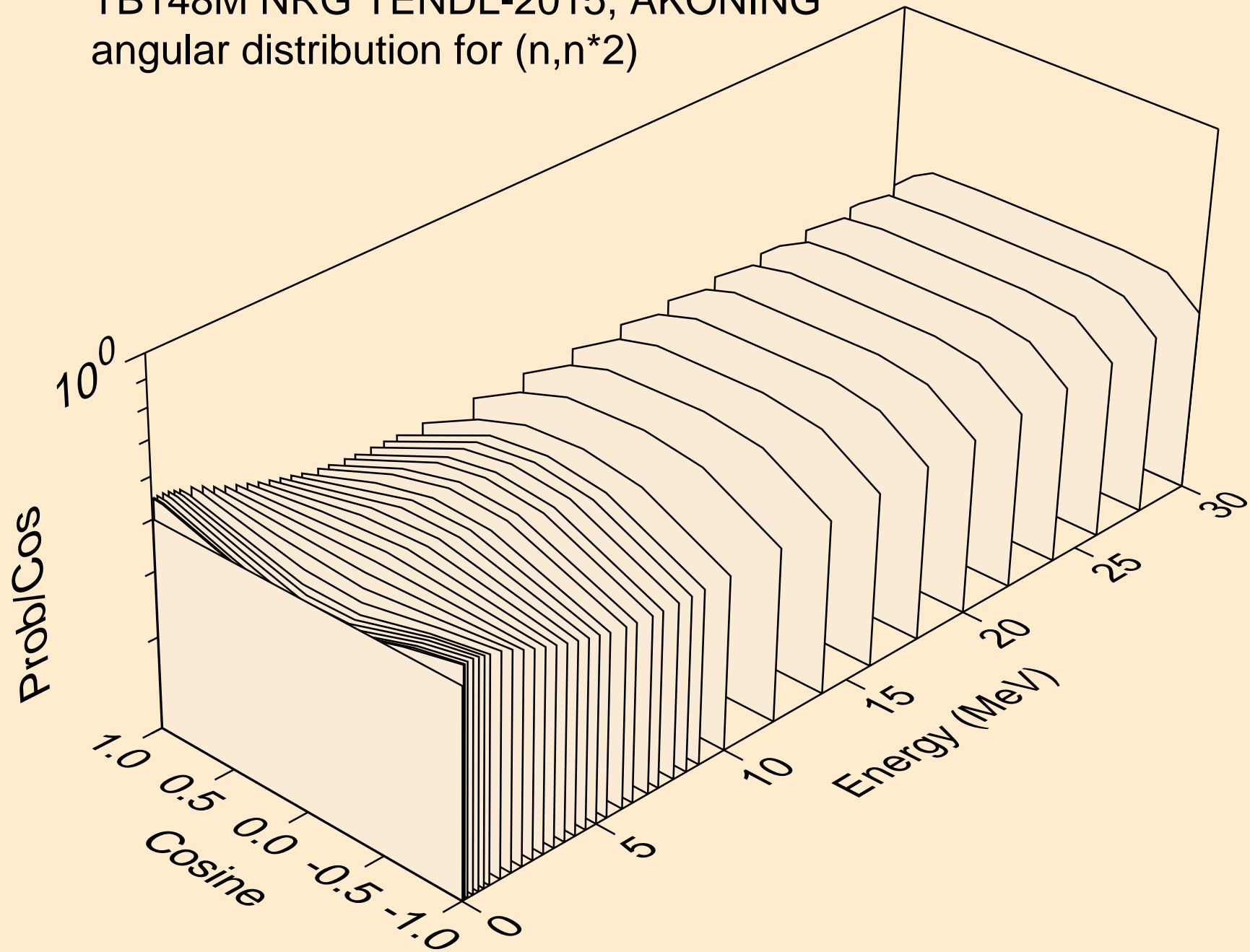
TB148M NRG TENDL-2015, AKONING  
angular distribution for elastic



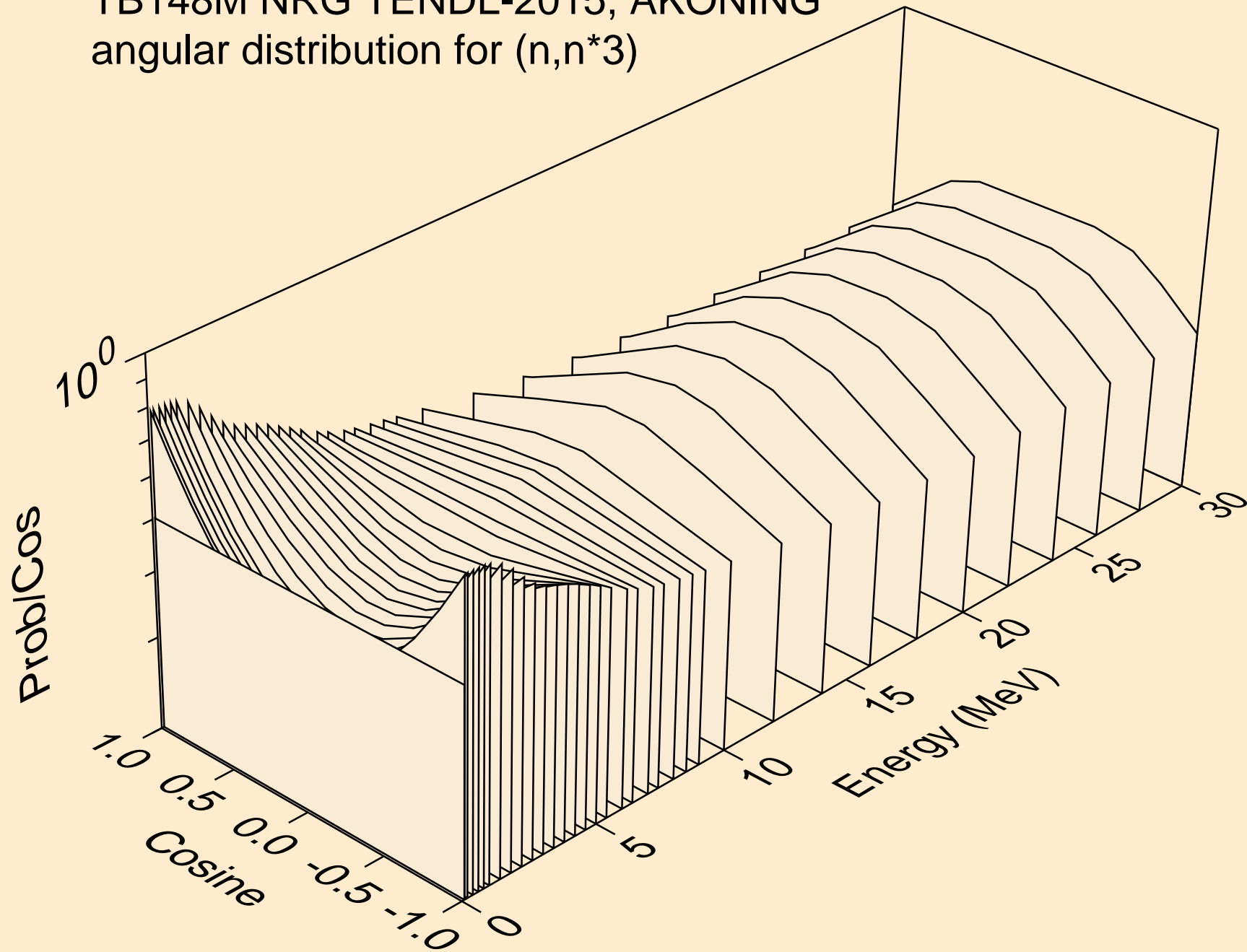
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



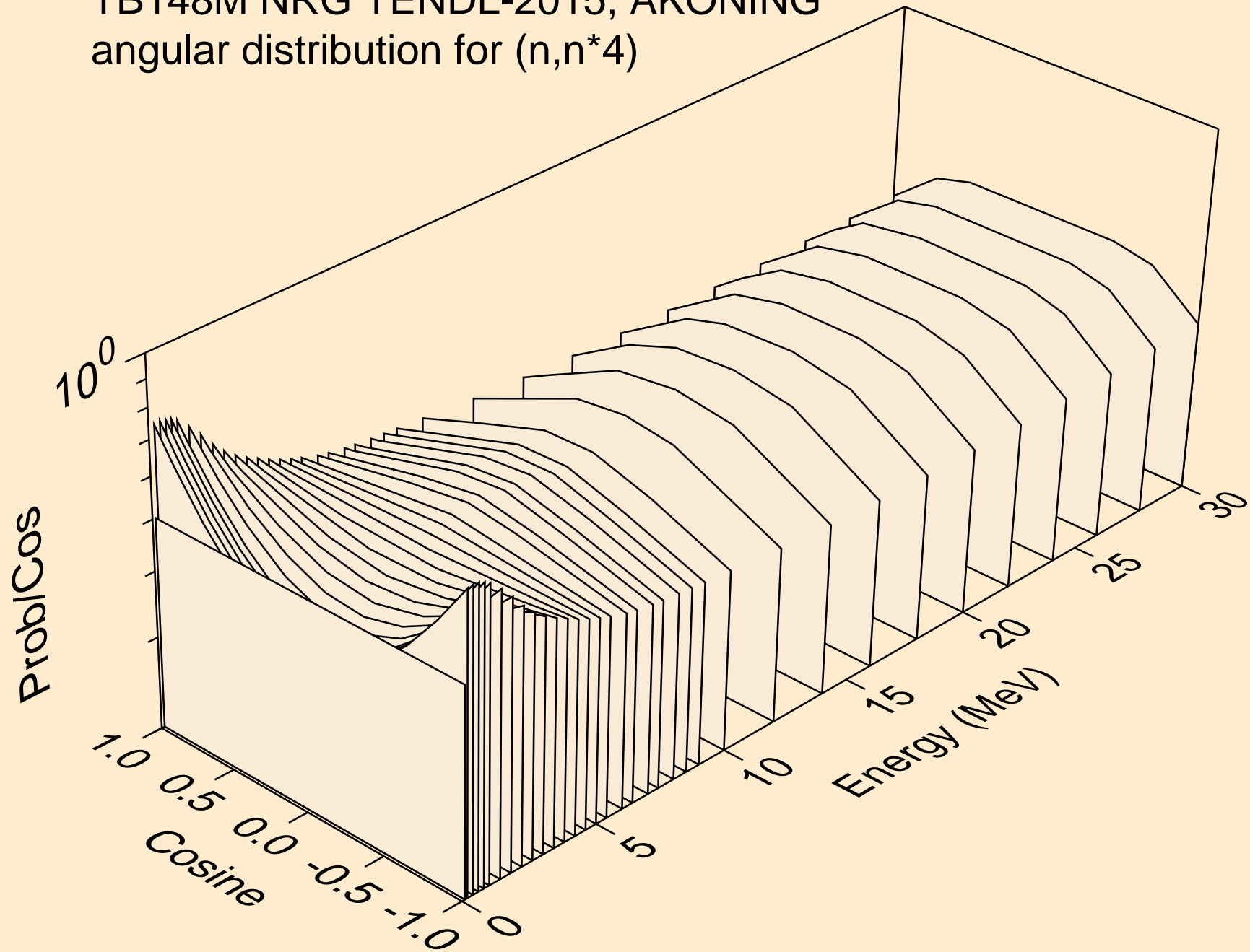
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



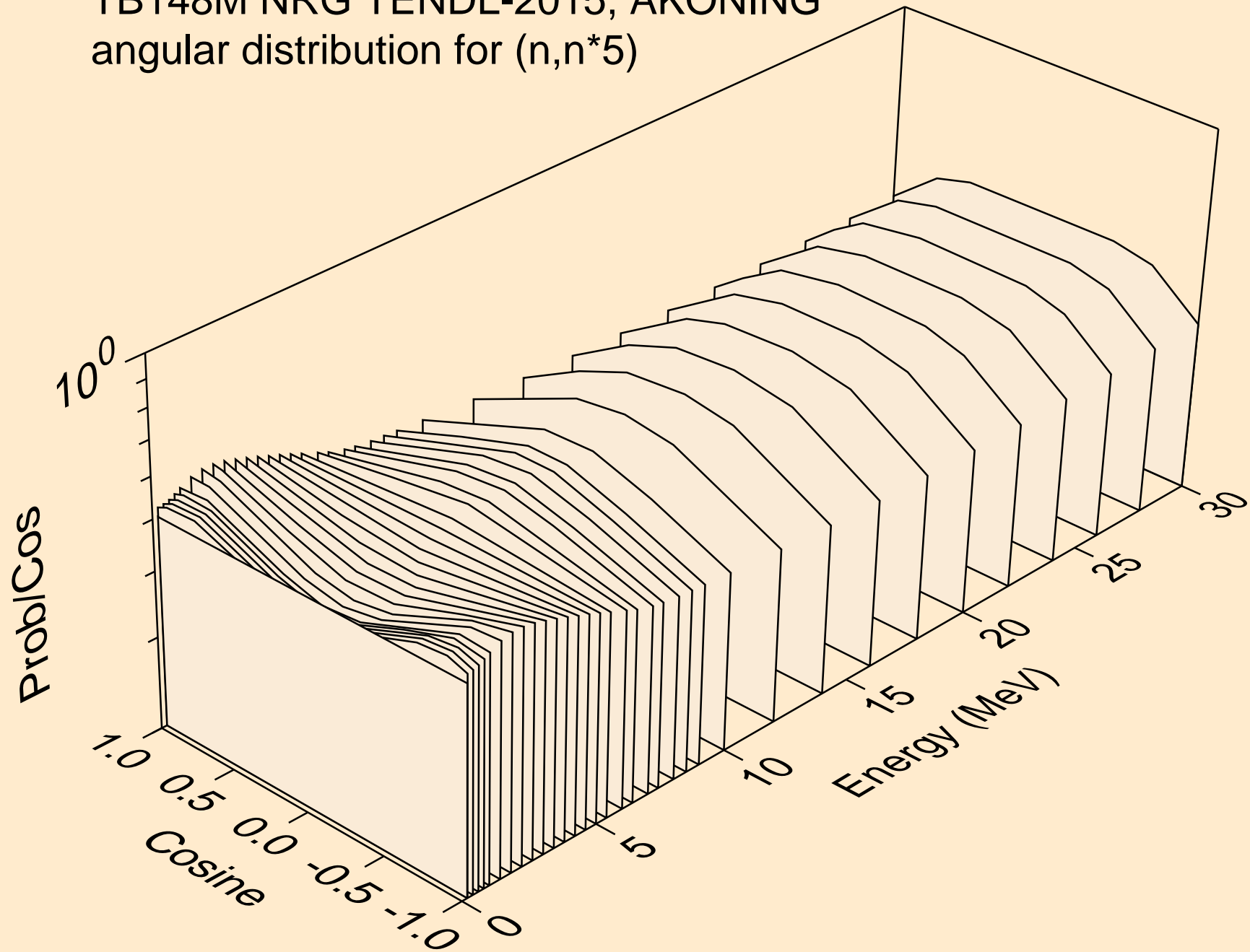
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

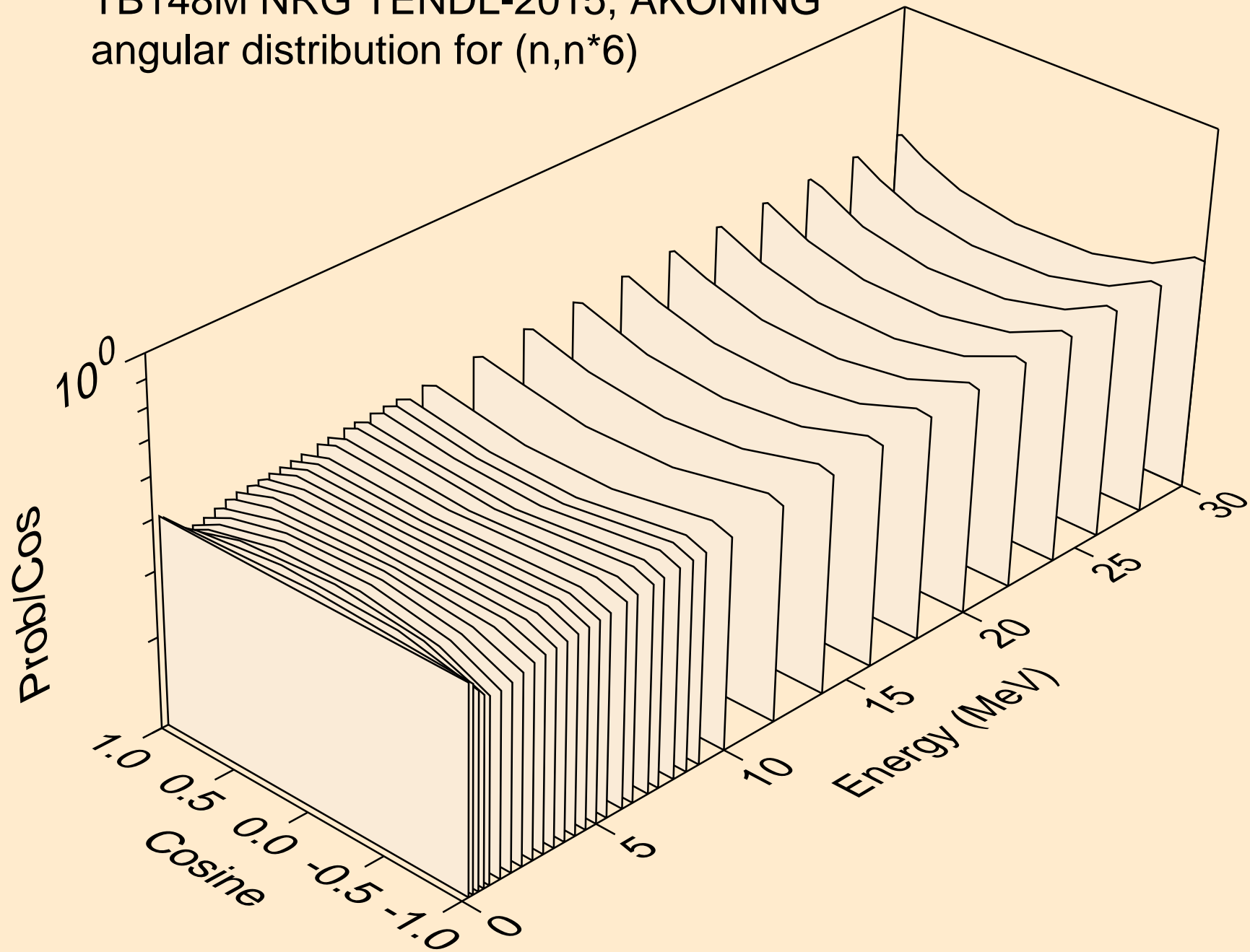


TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

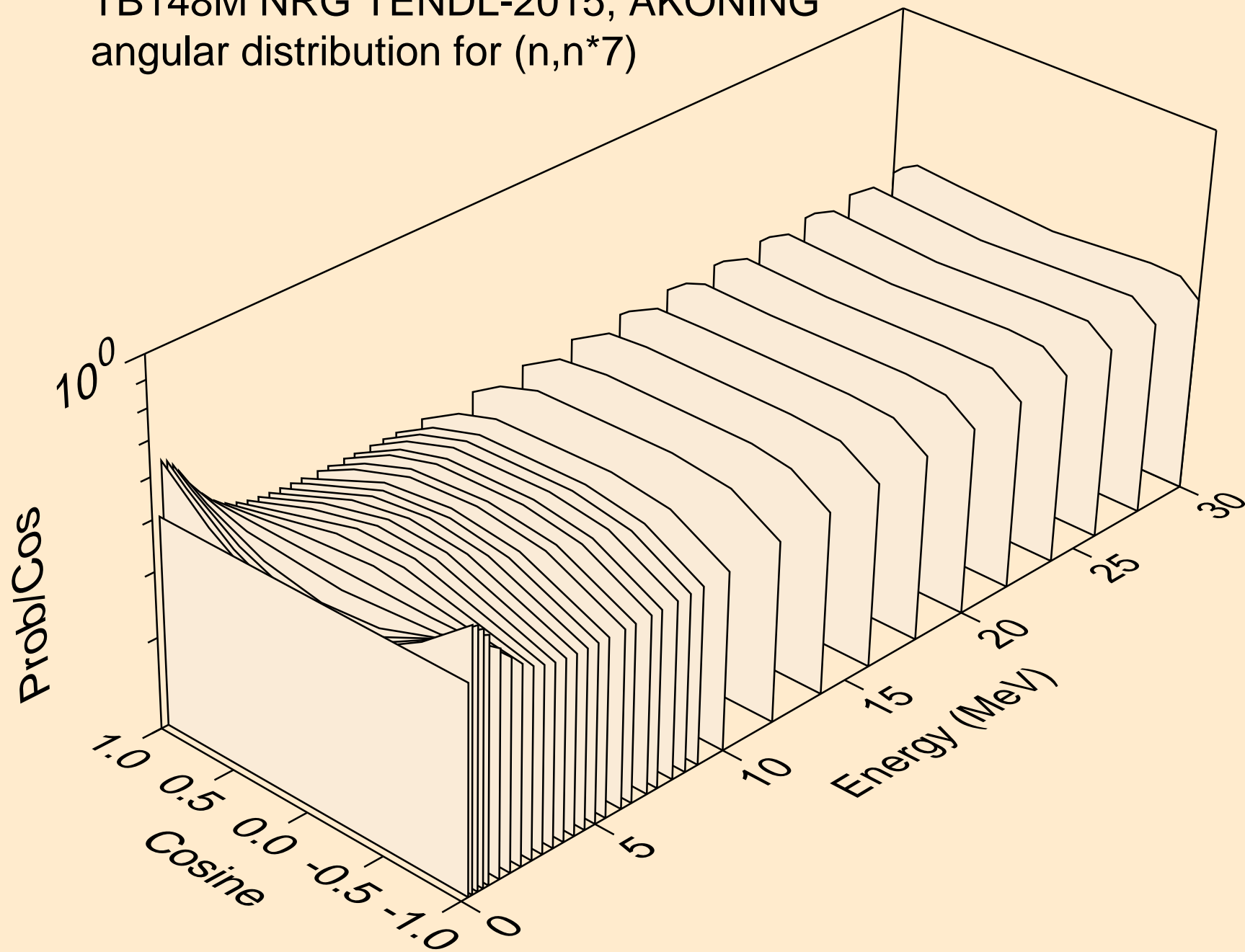




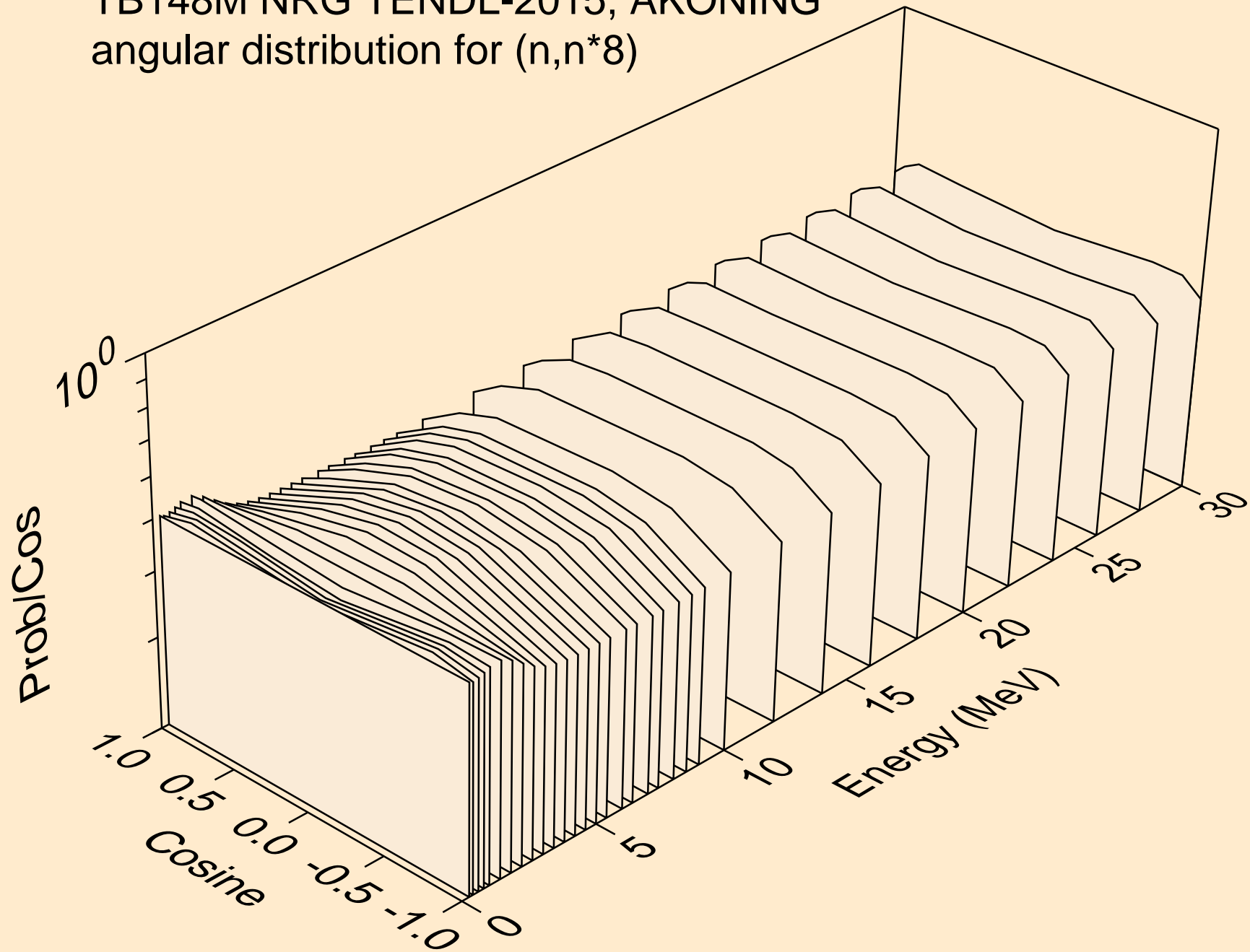
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



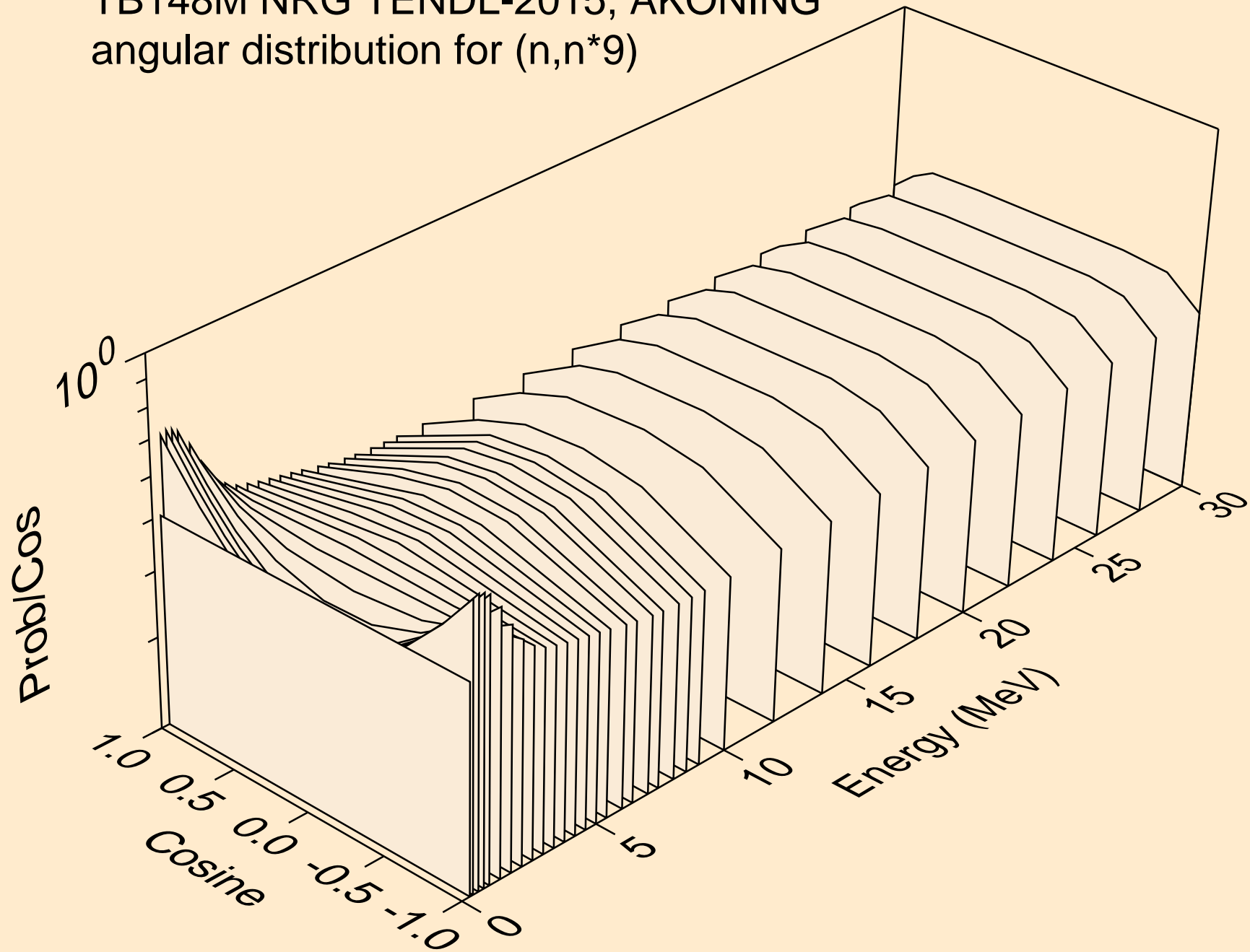
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



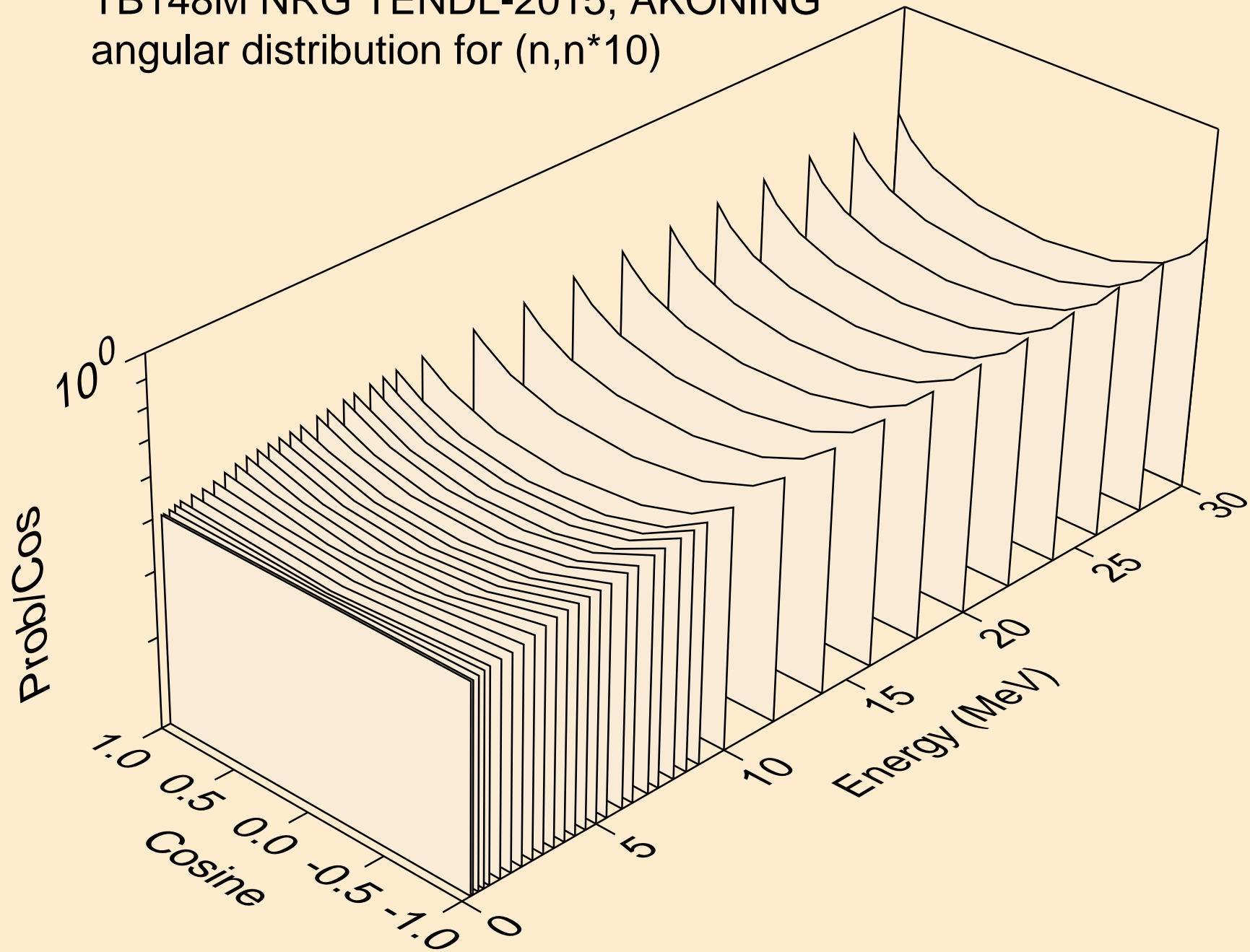
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



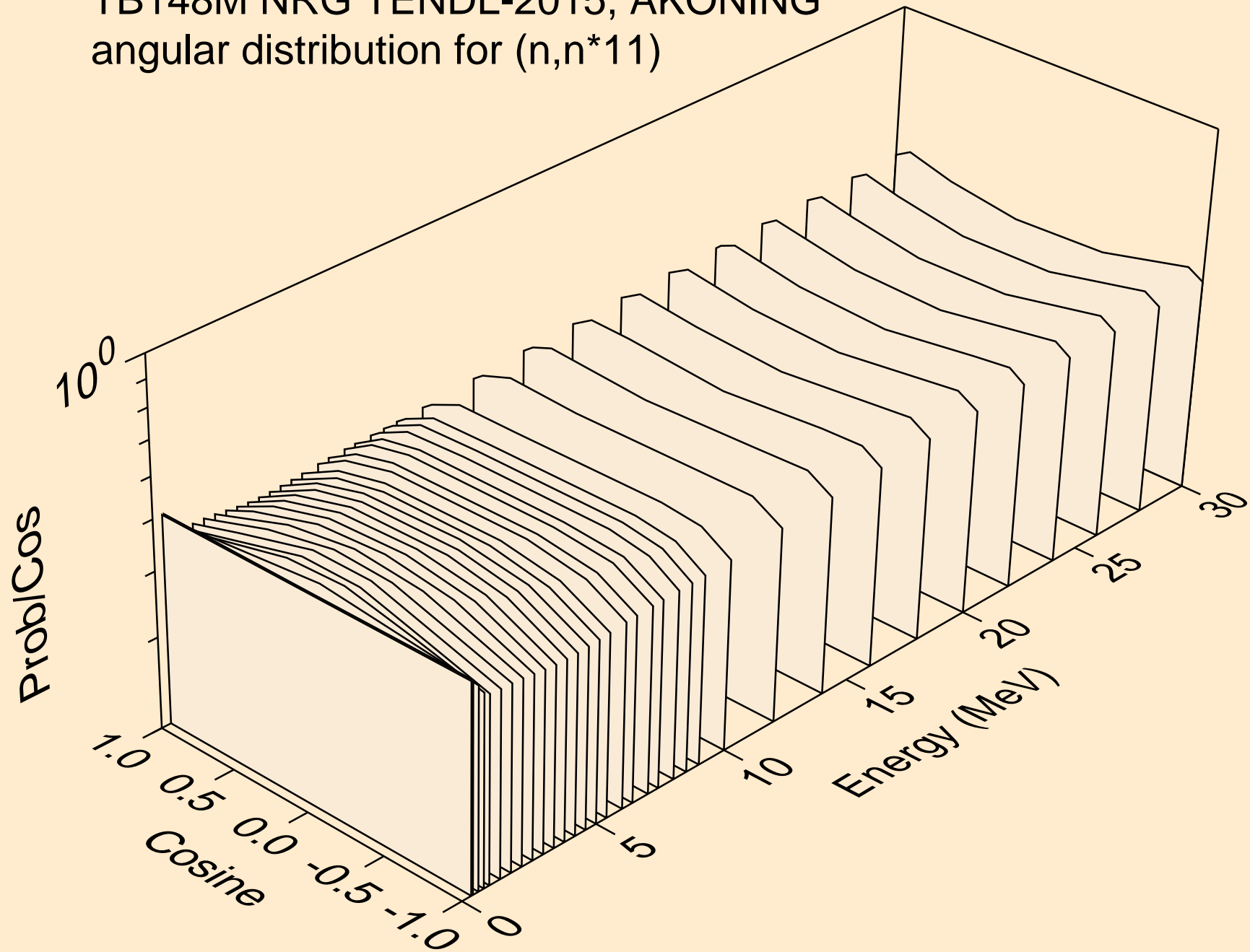
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



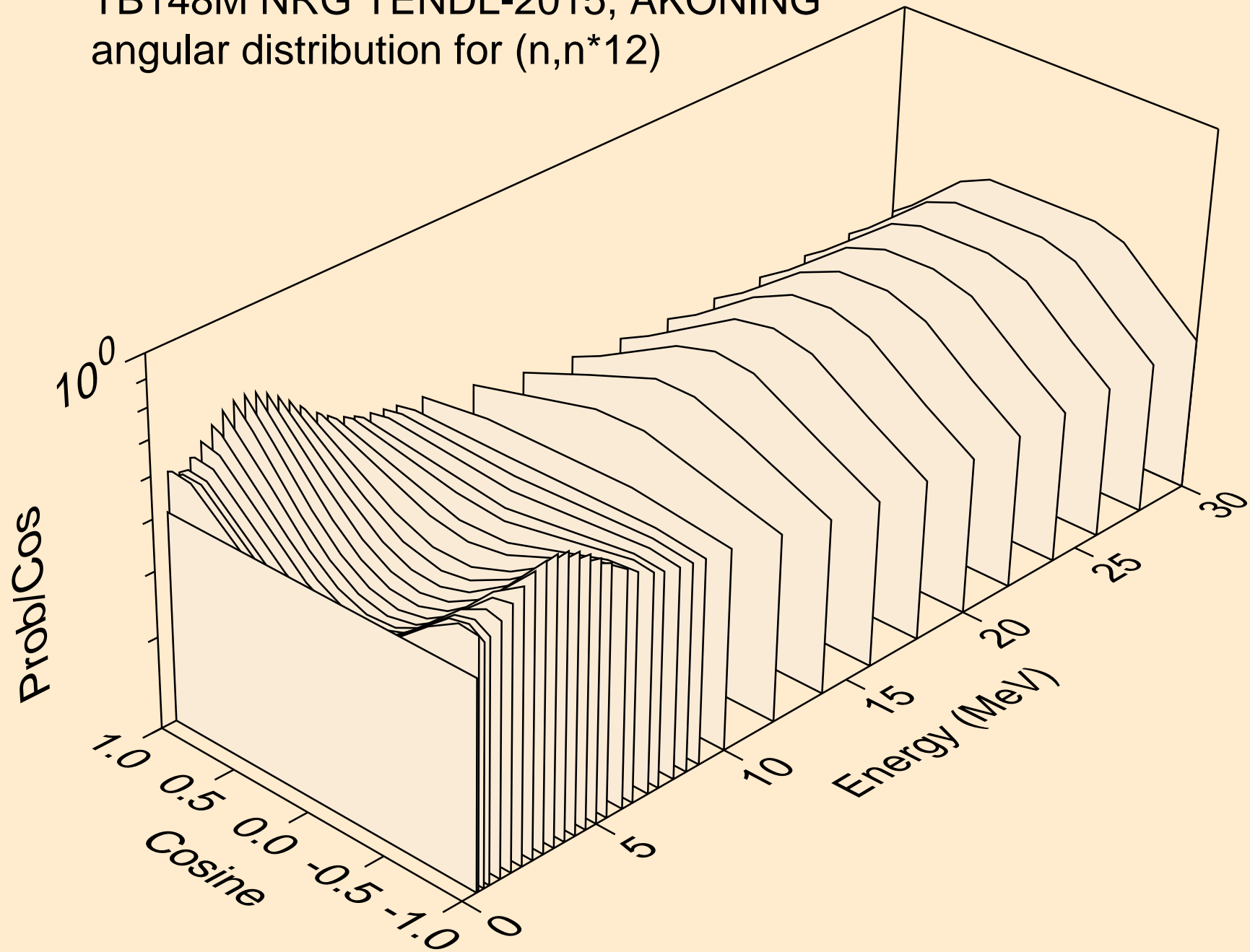
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



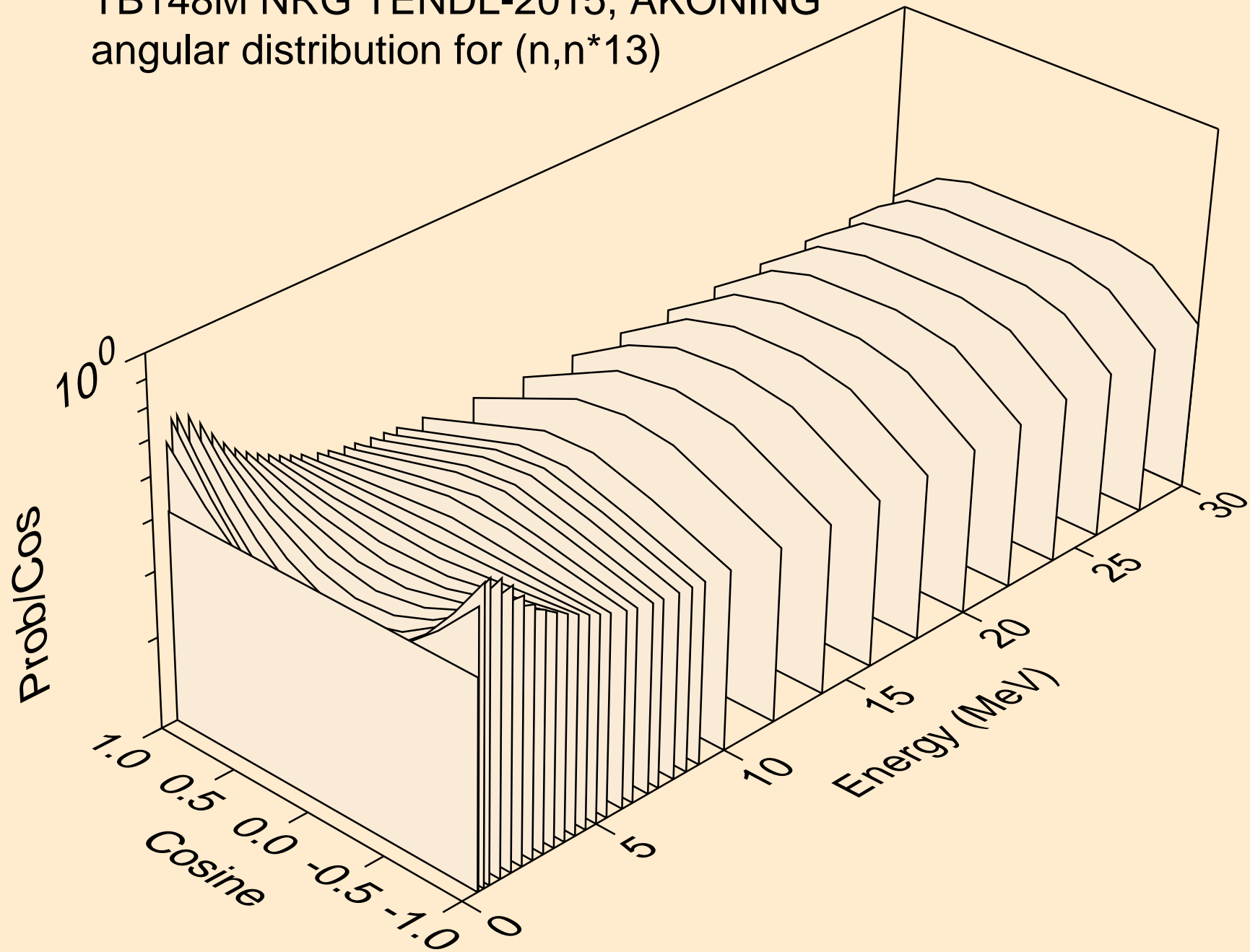
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

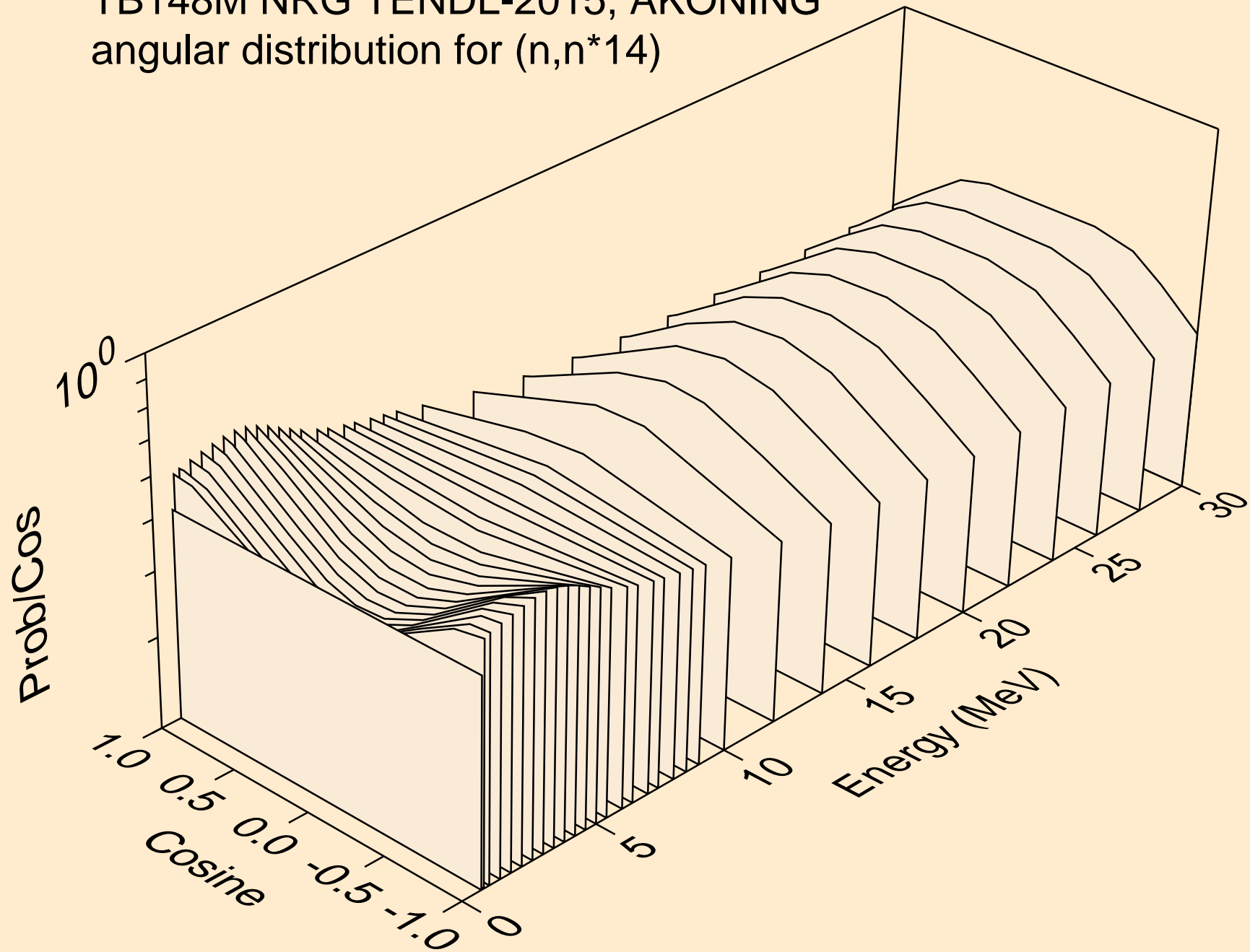


TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

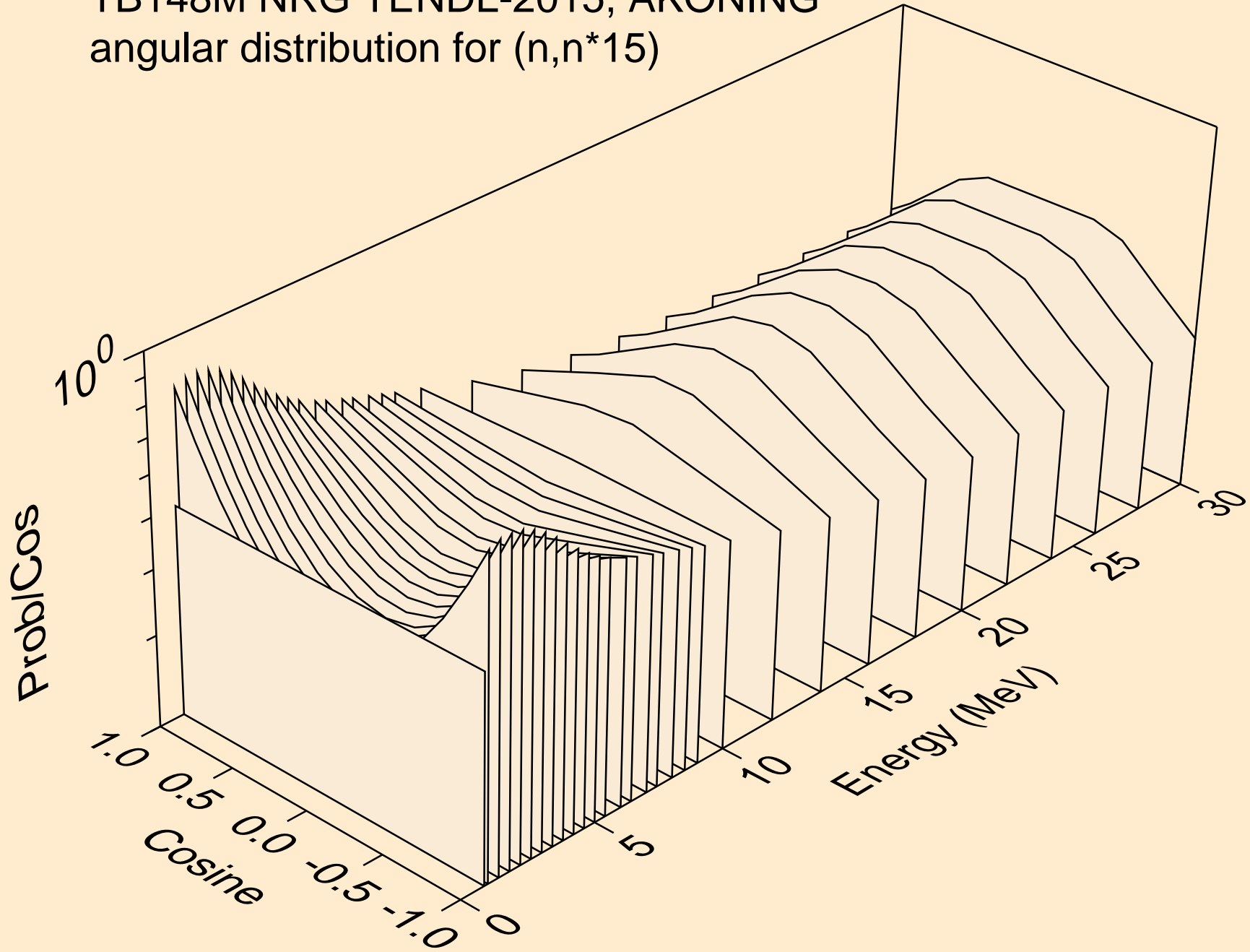




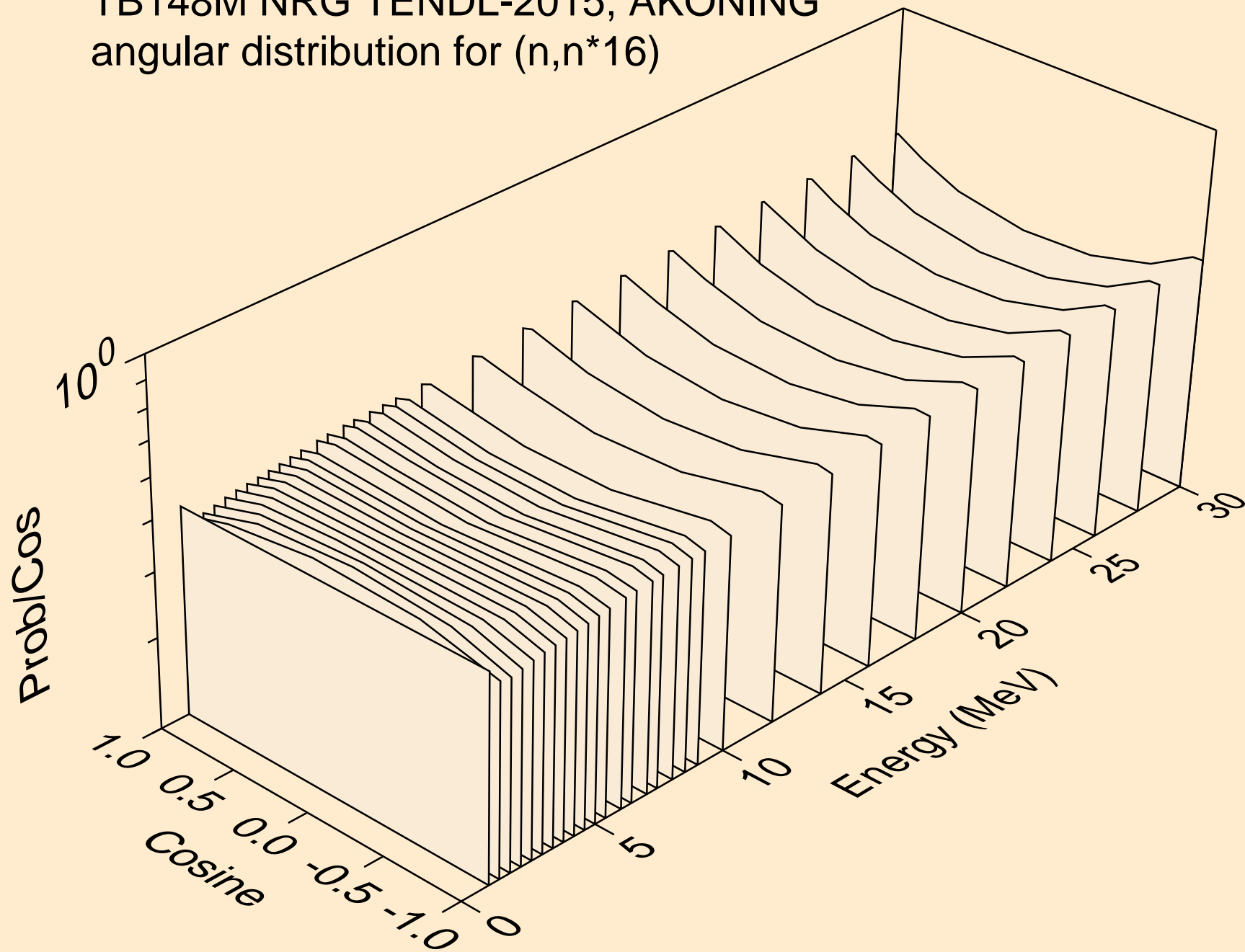
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



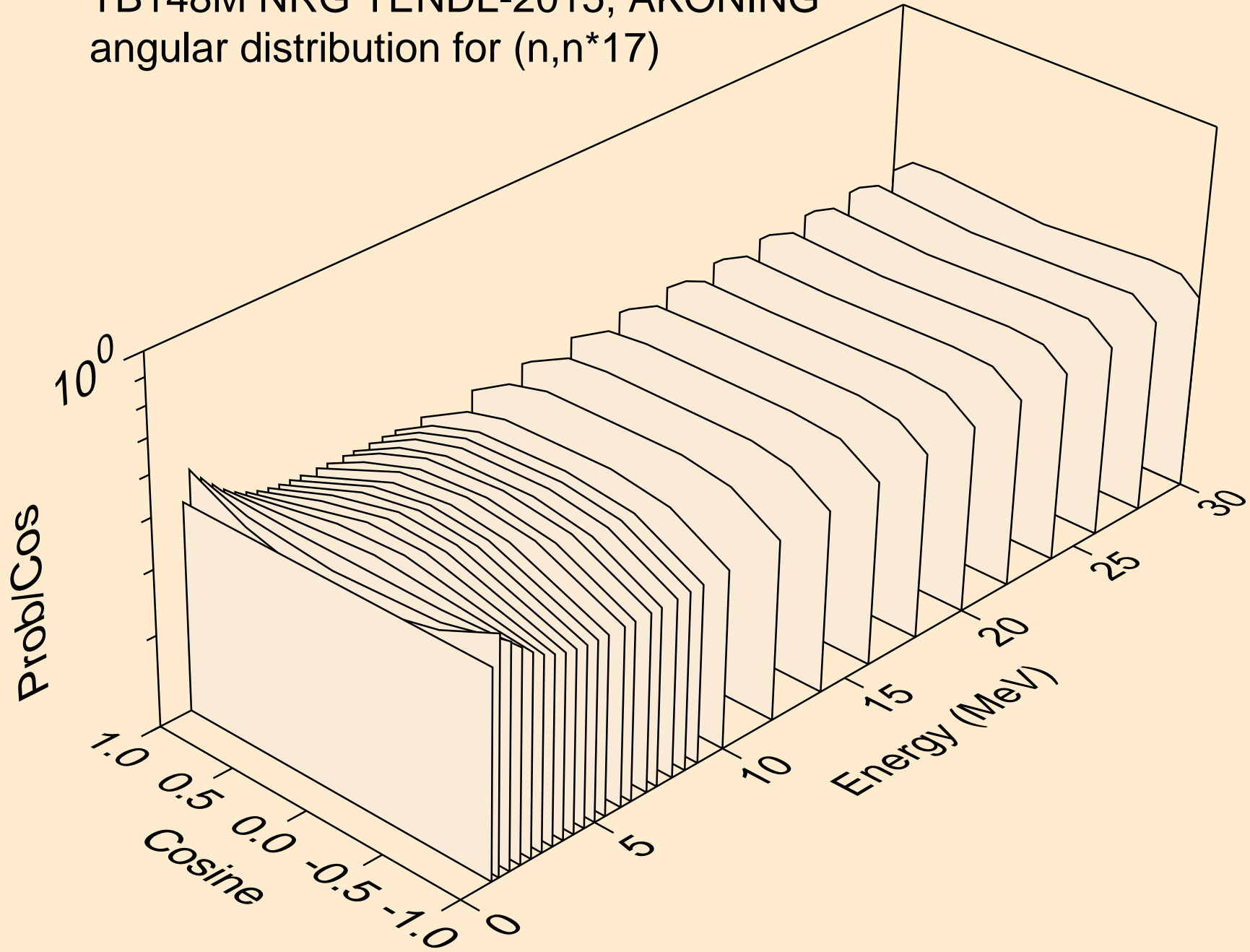
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



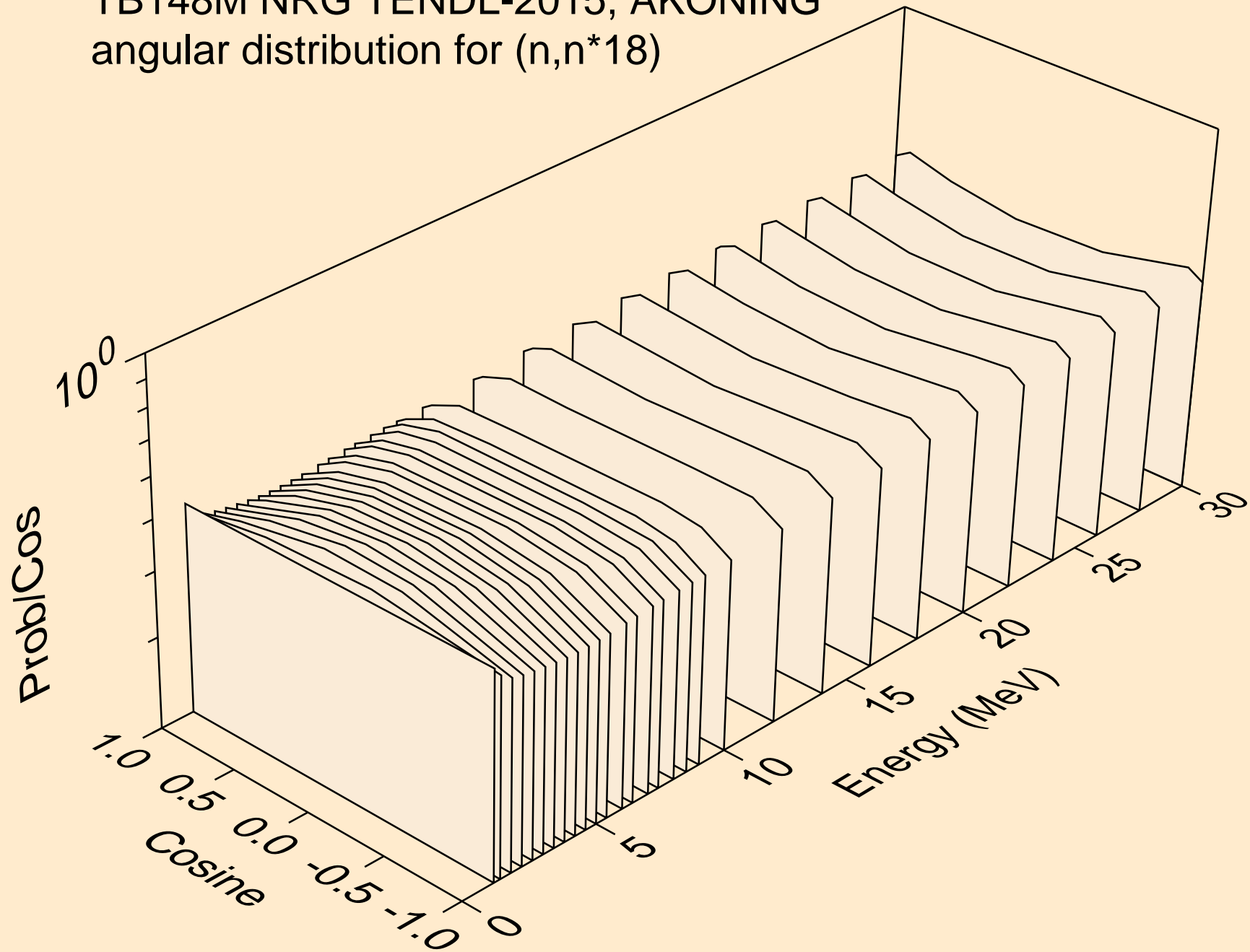
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



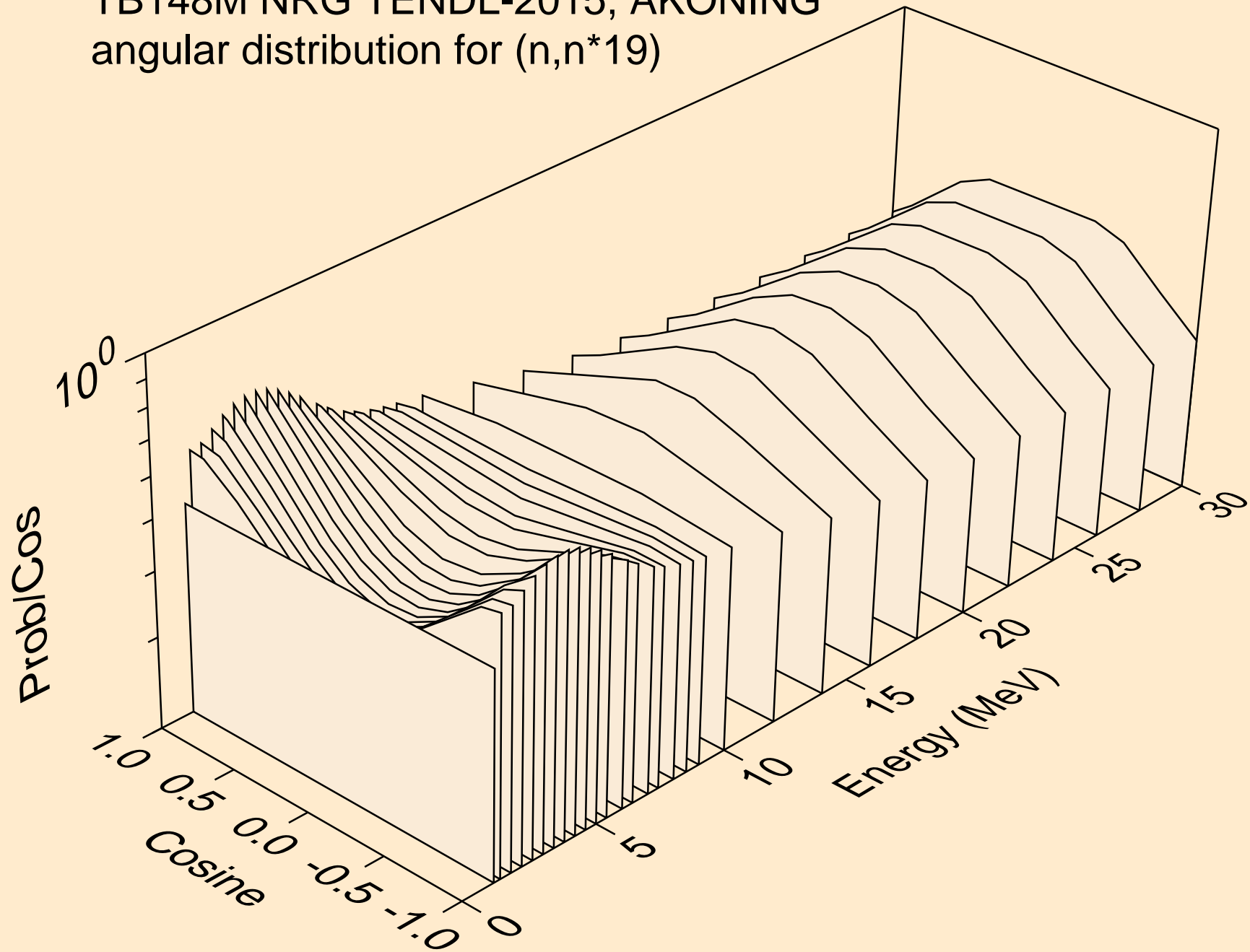
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



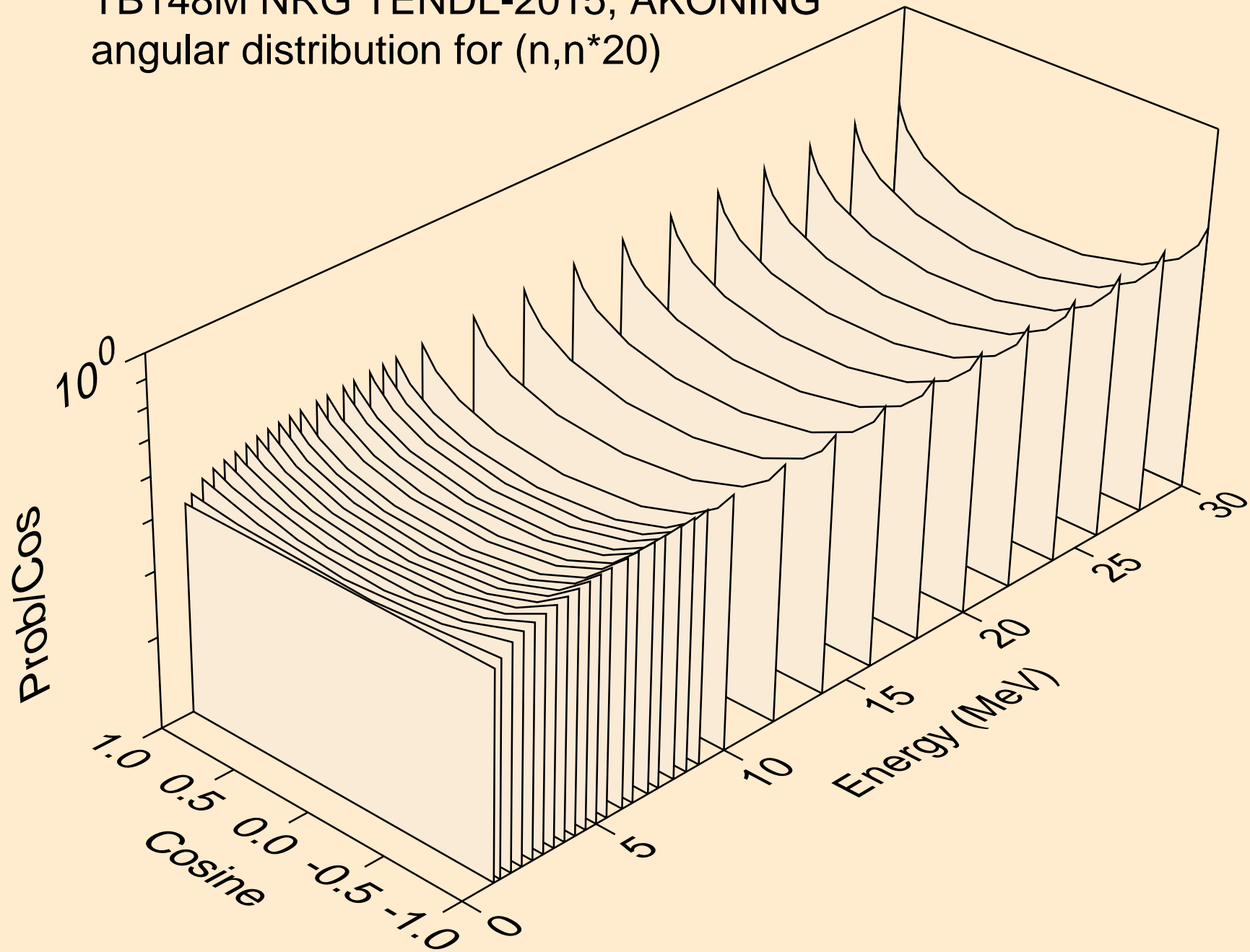
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



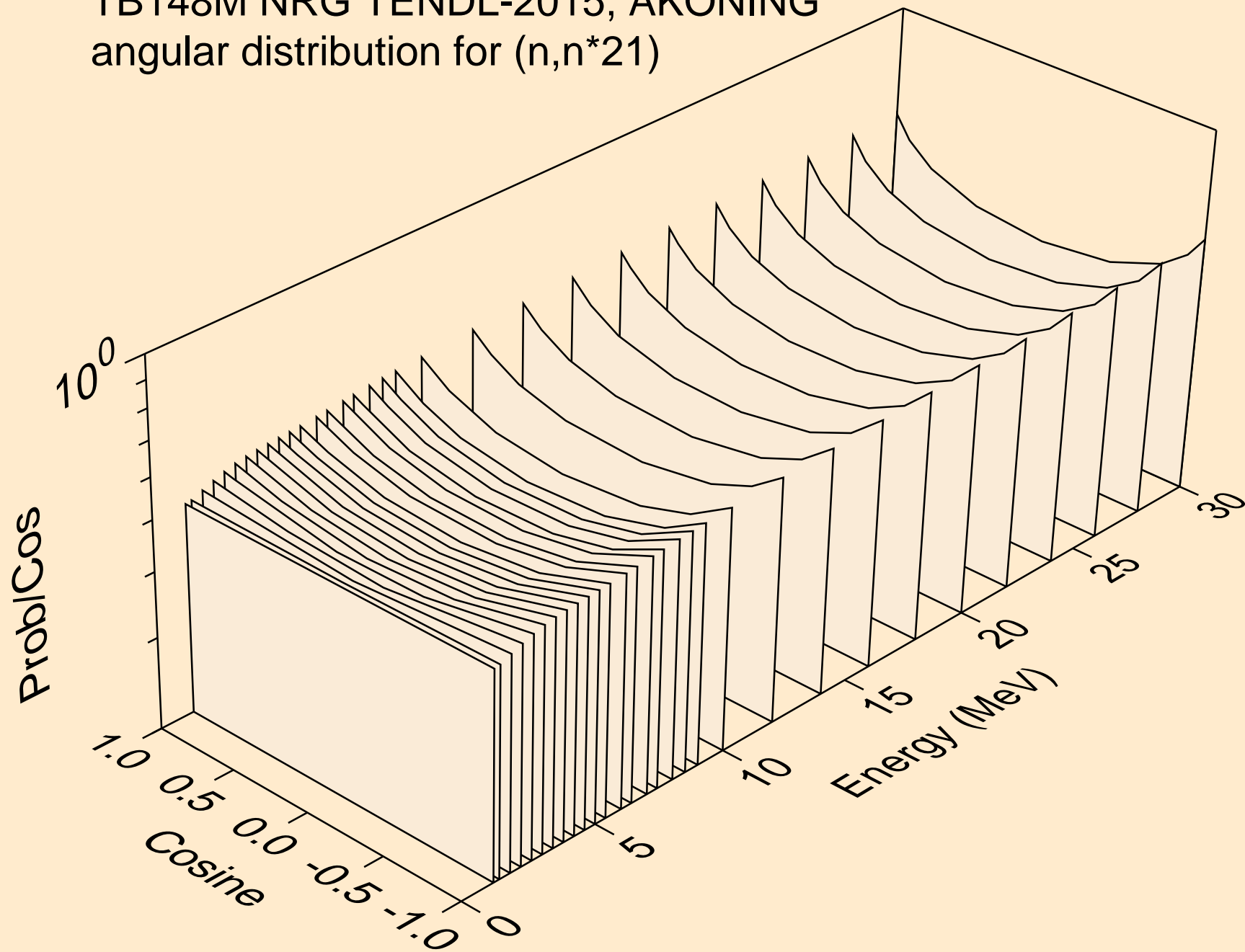
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

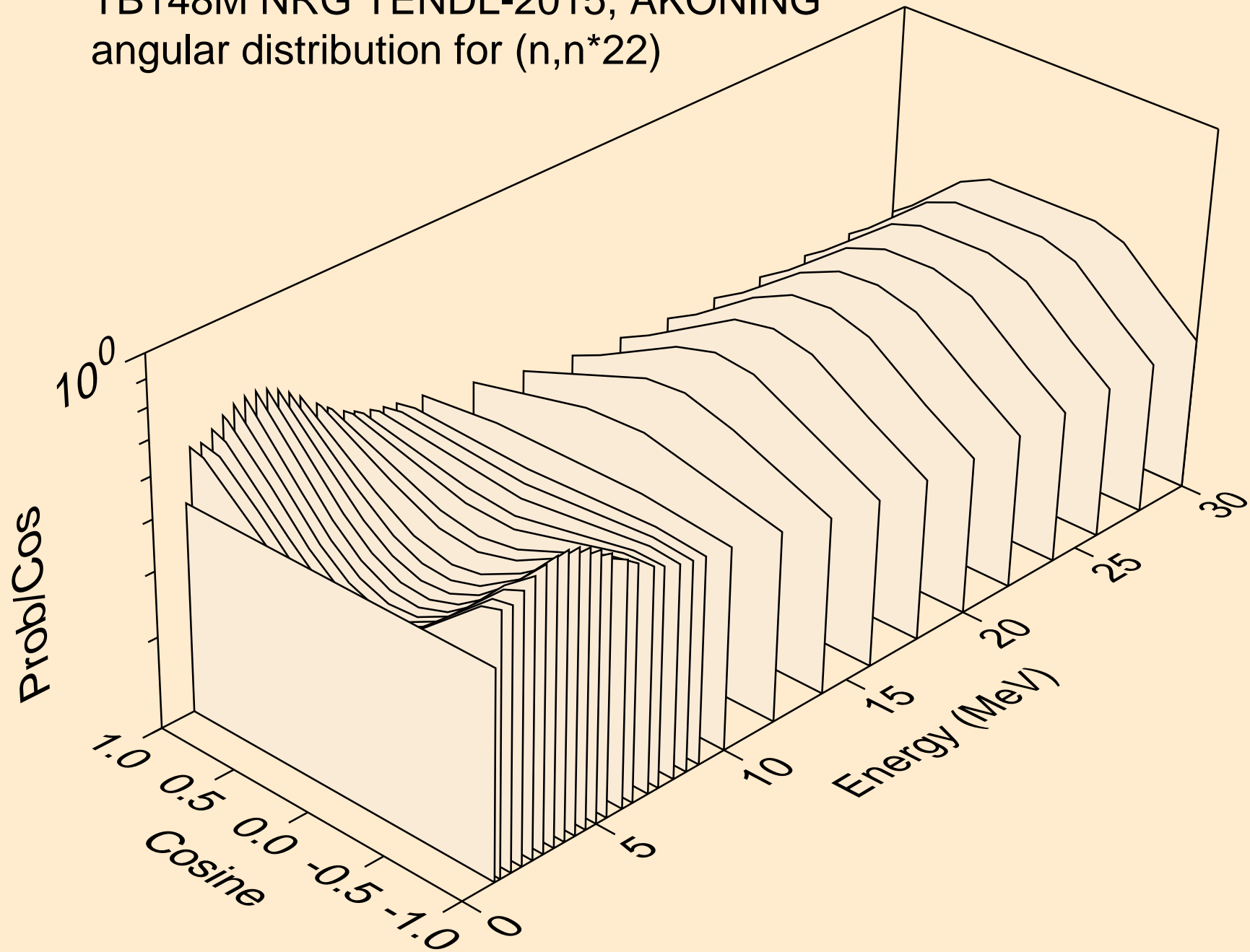


TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

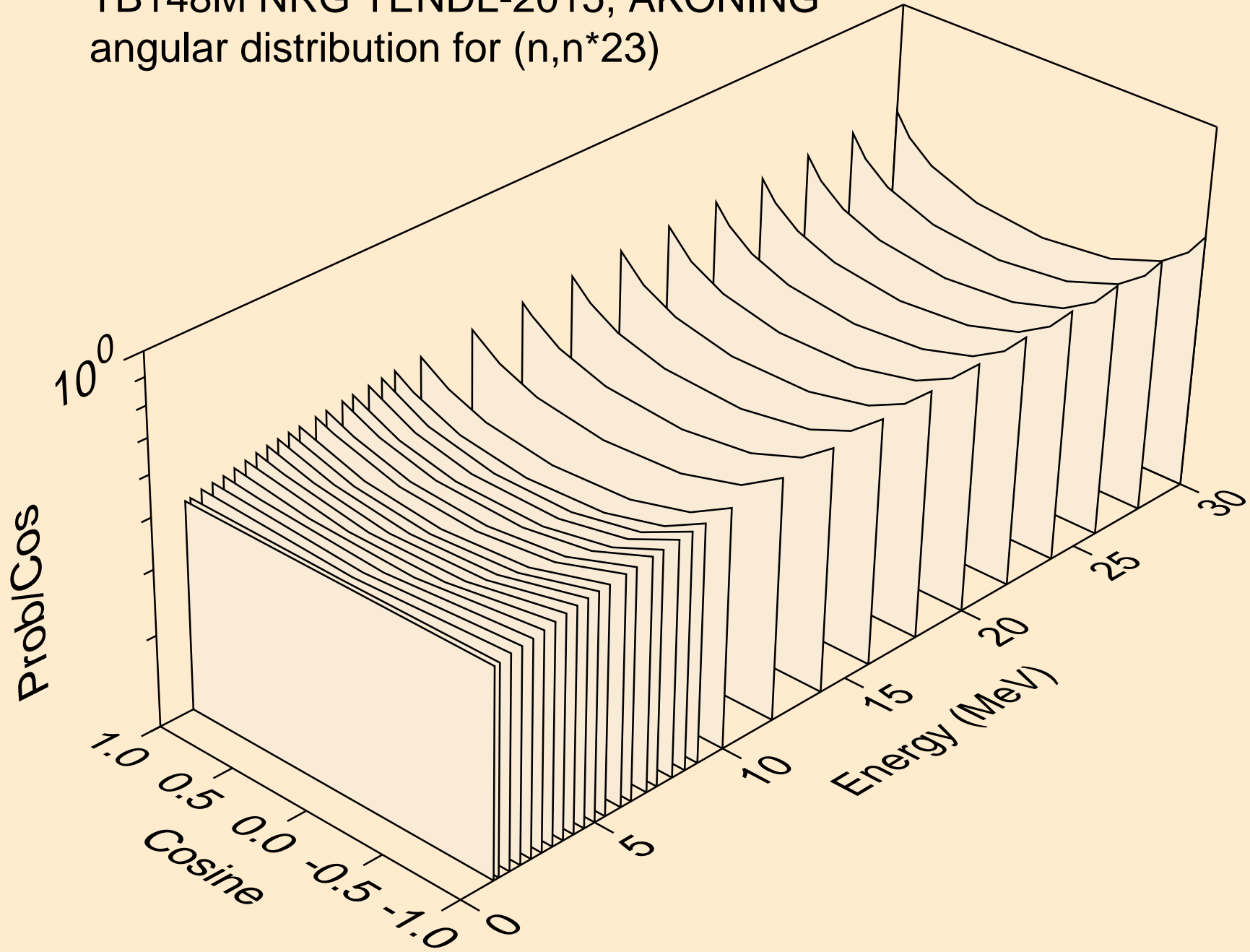




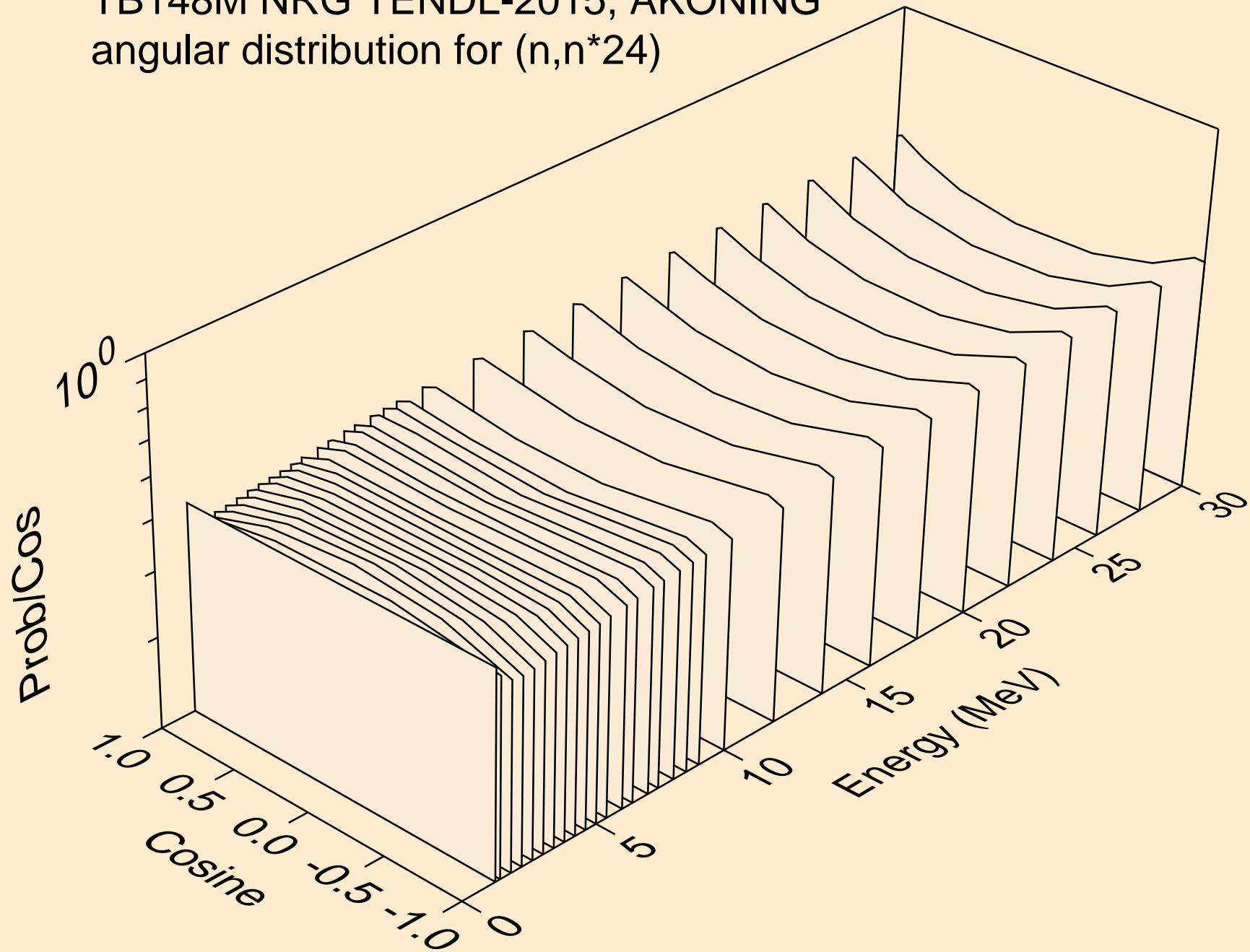
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



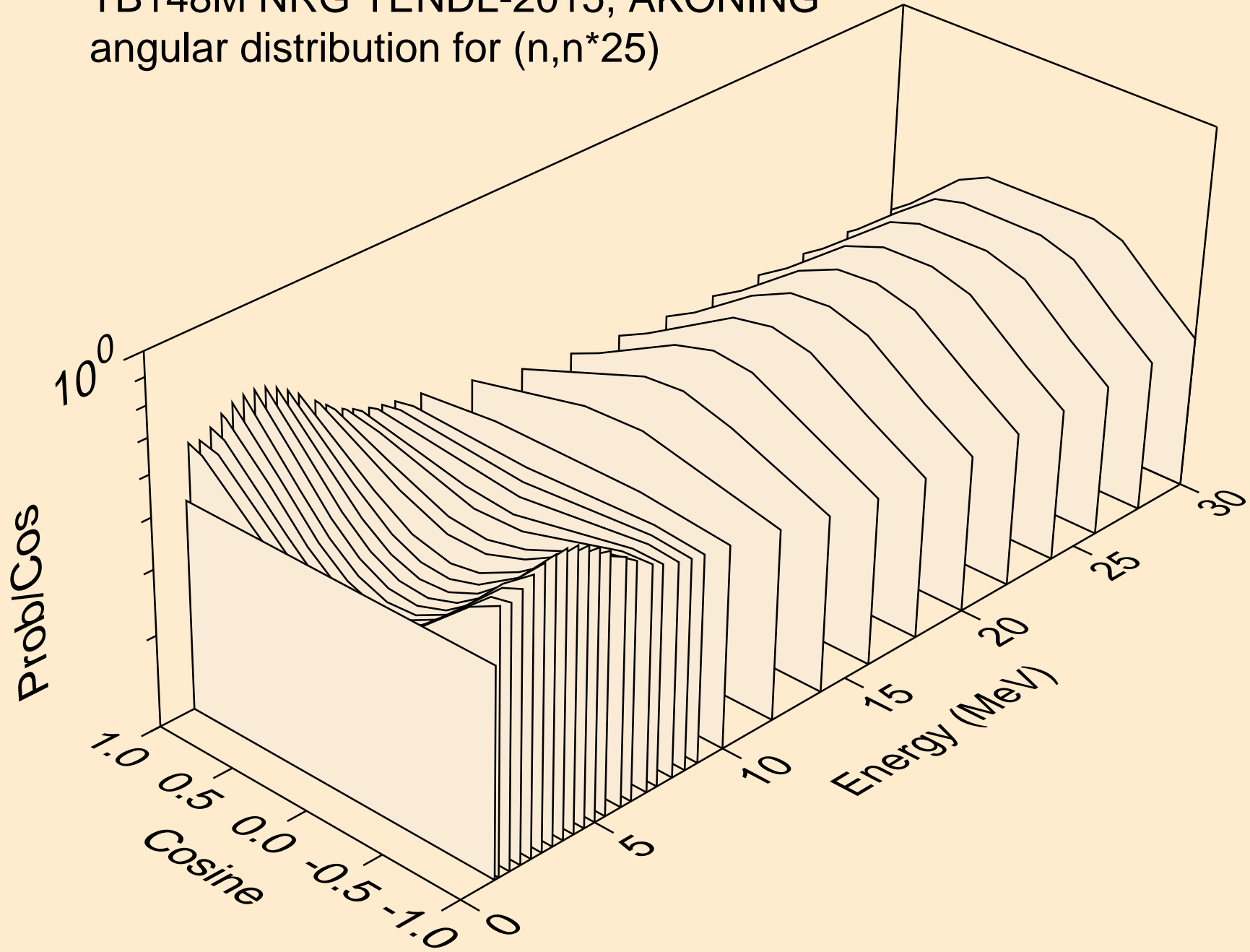
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



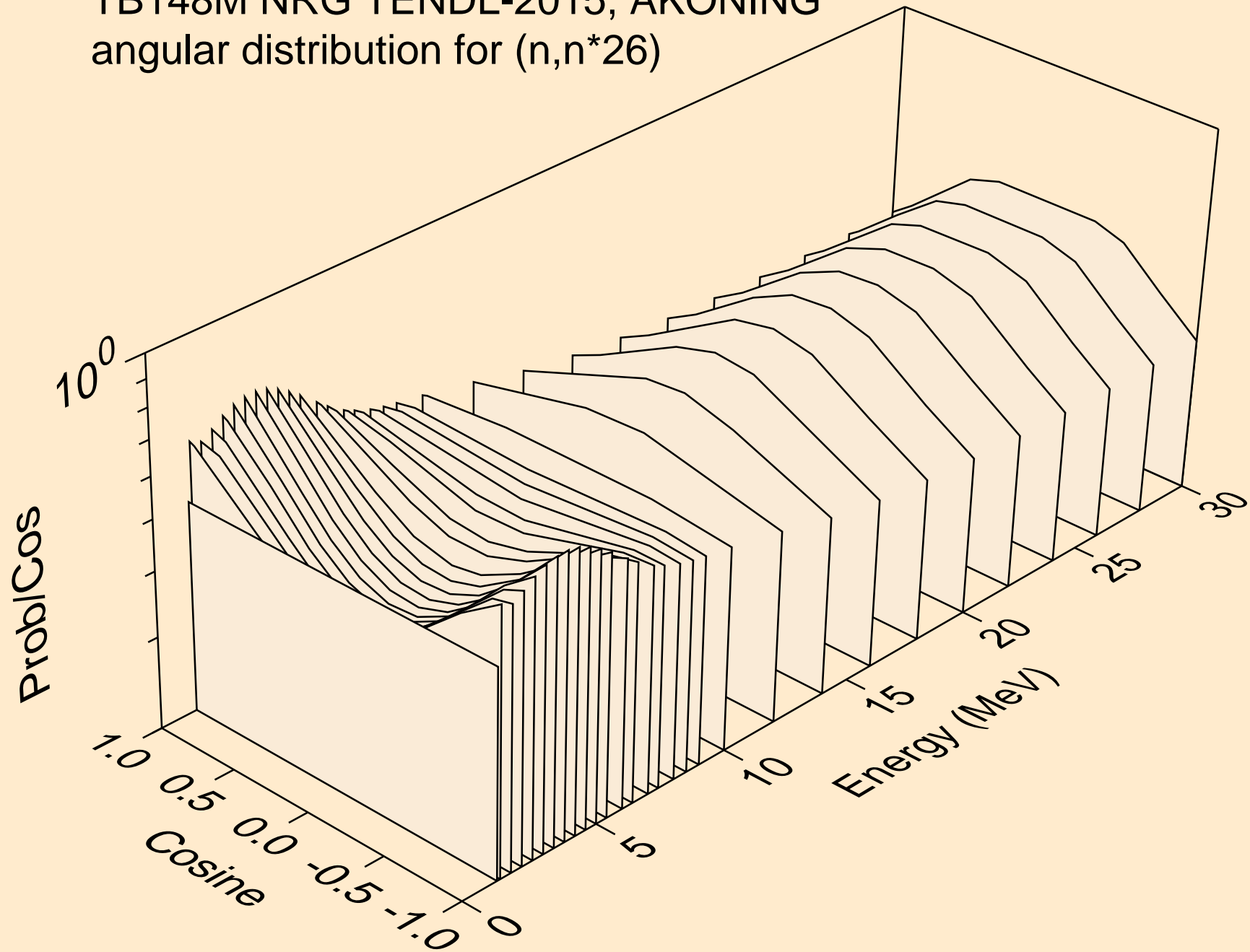
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



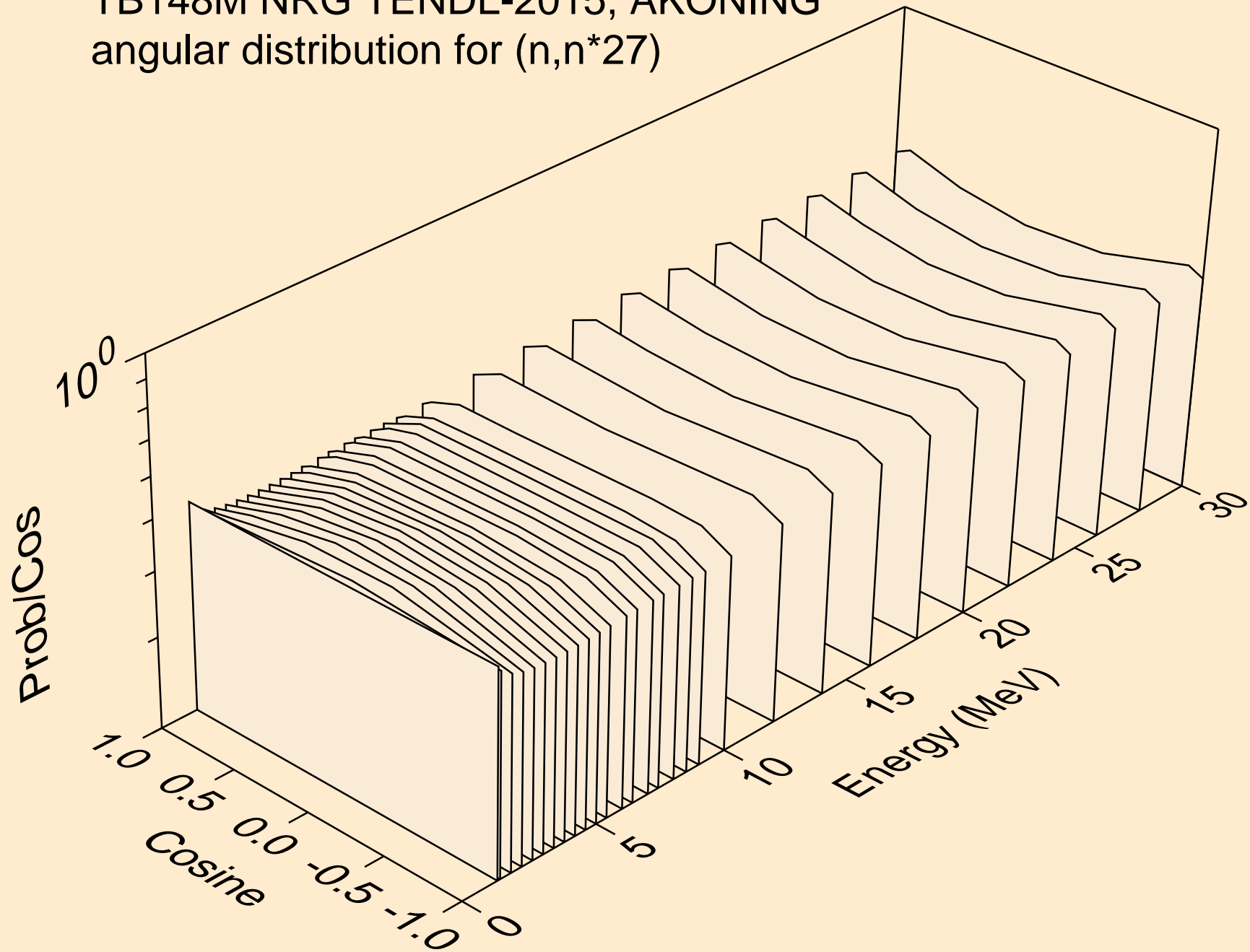
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



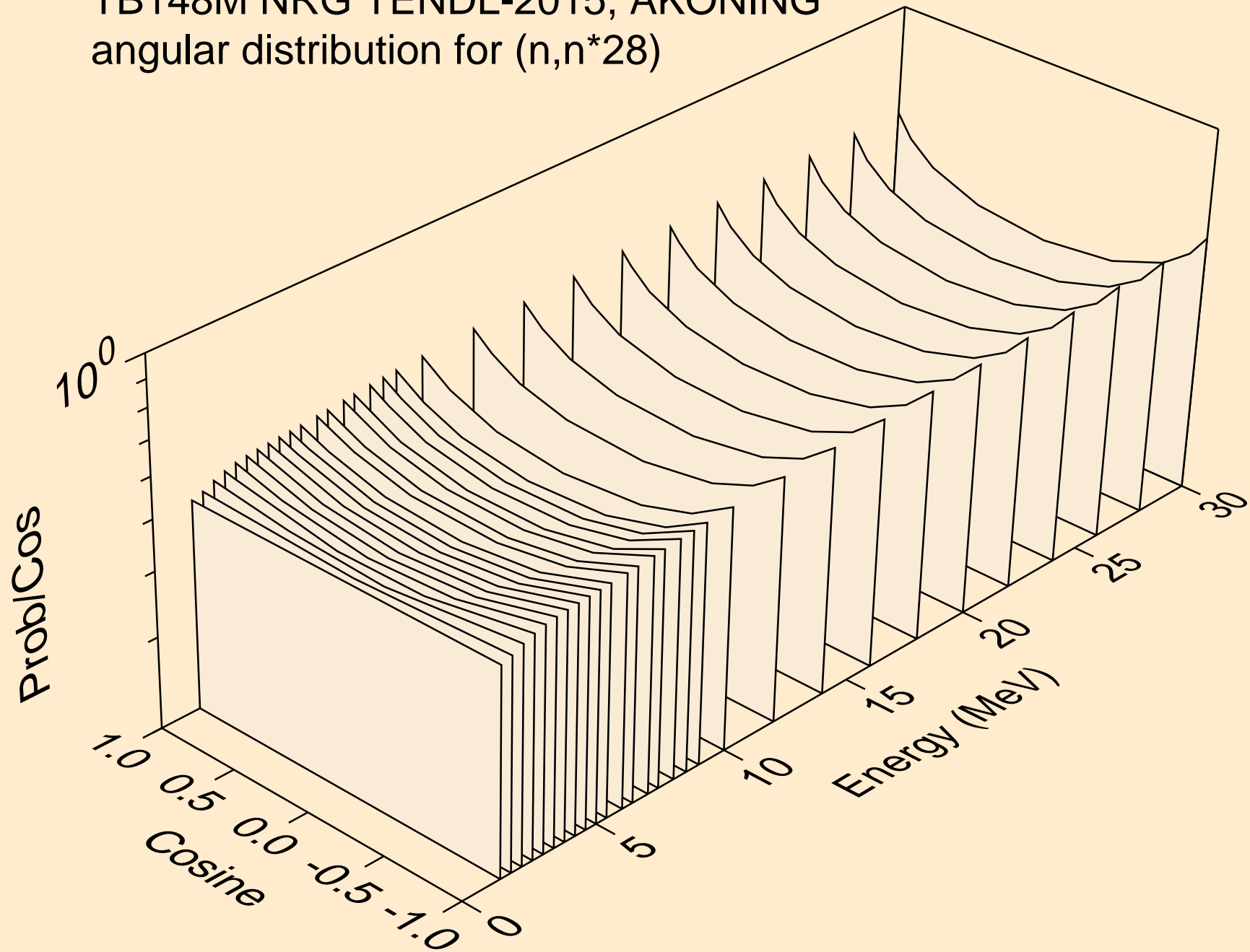
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



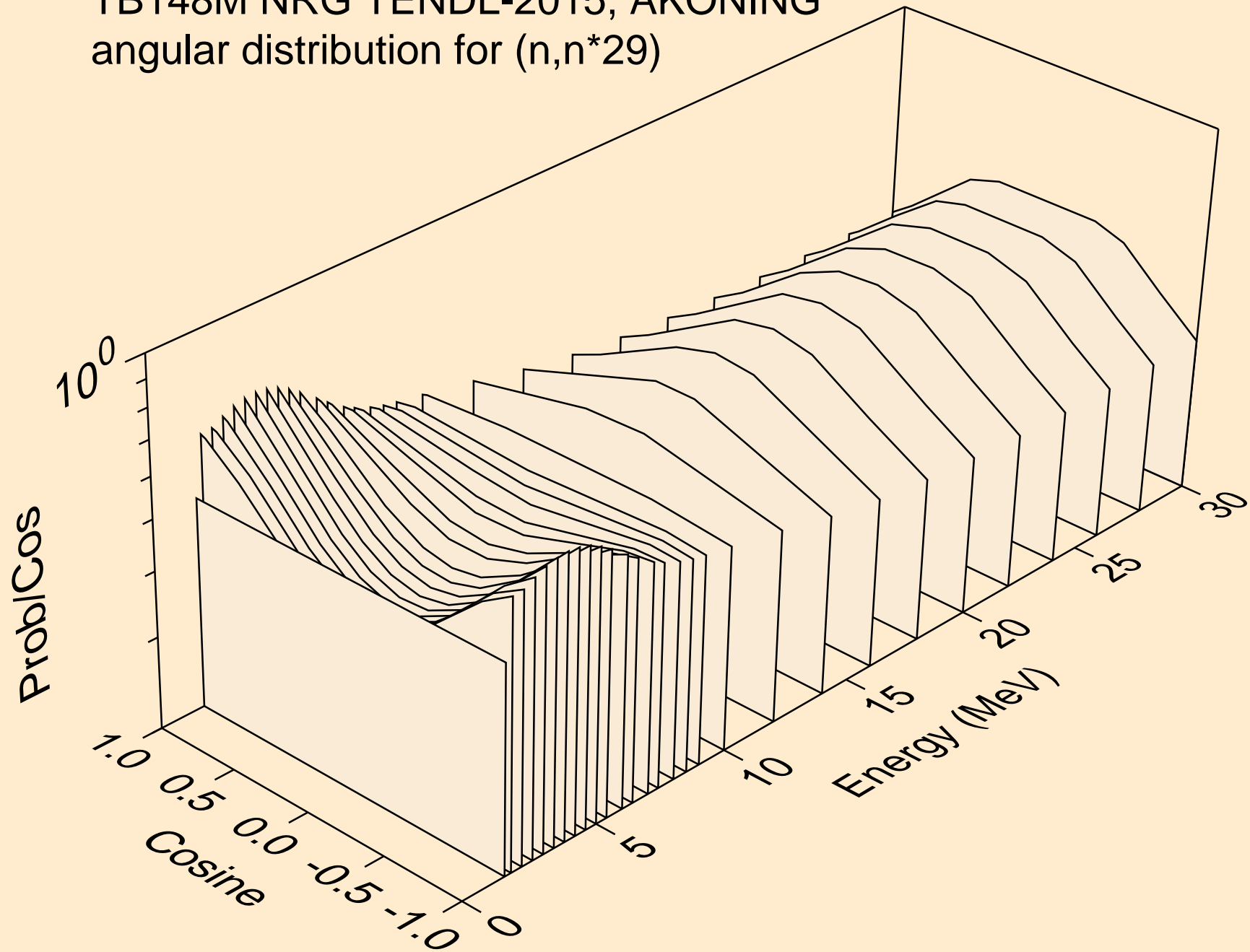
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

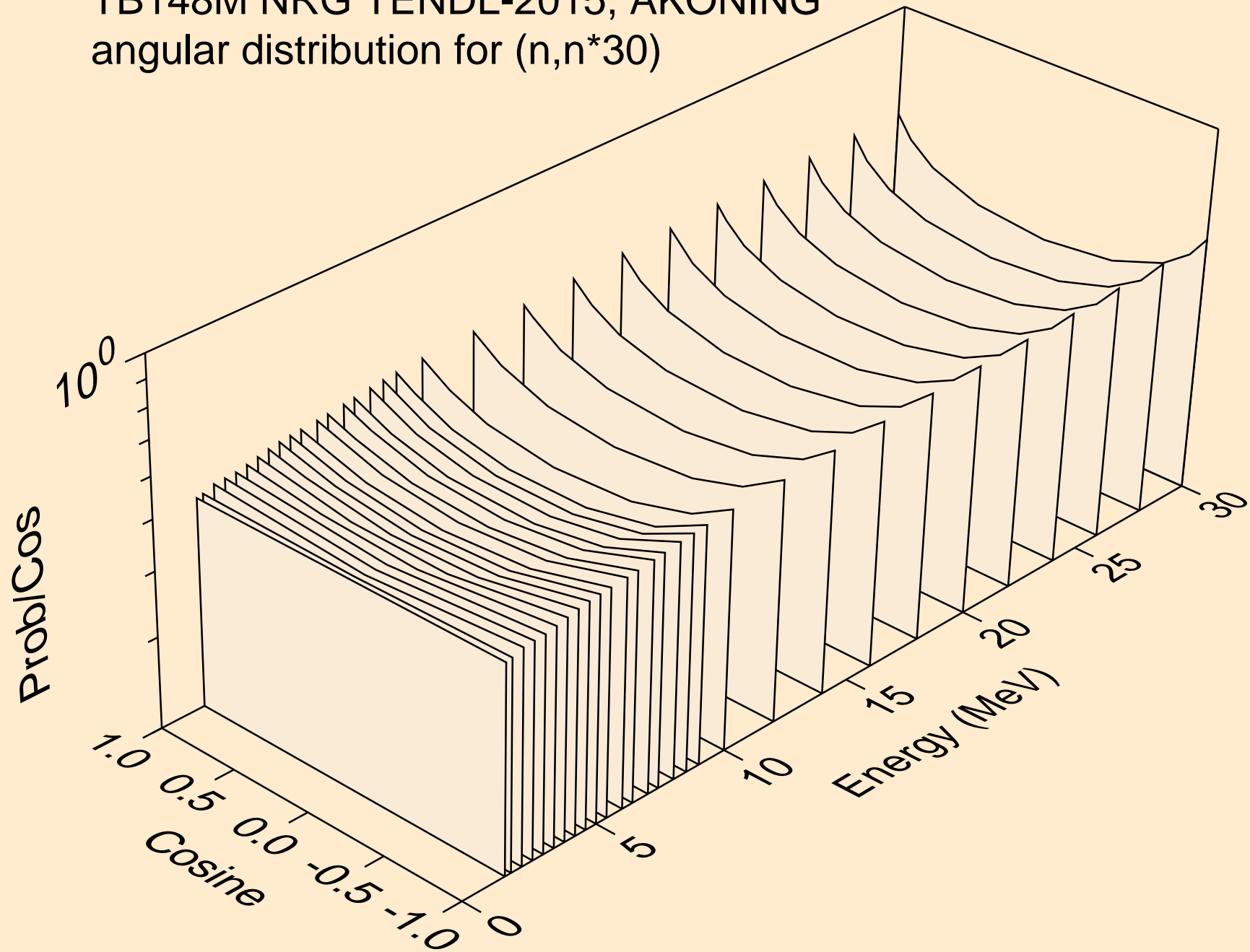


TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

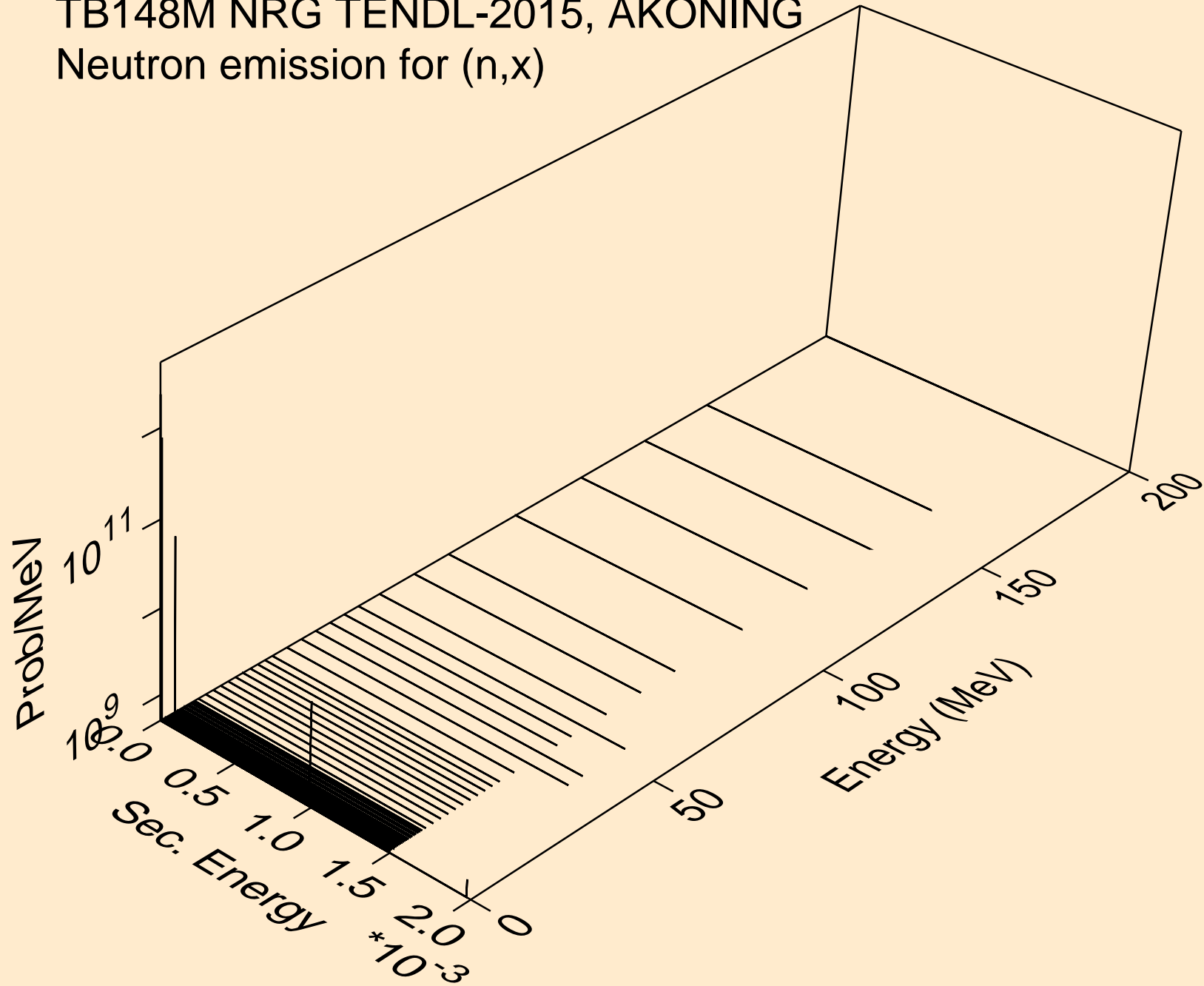




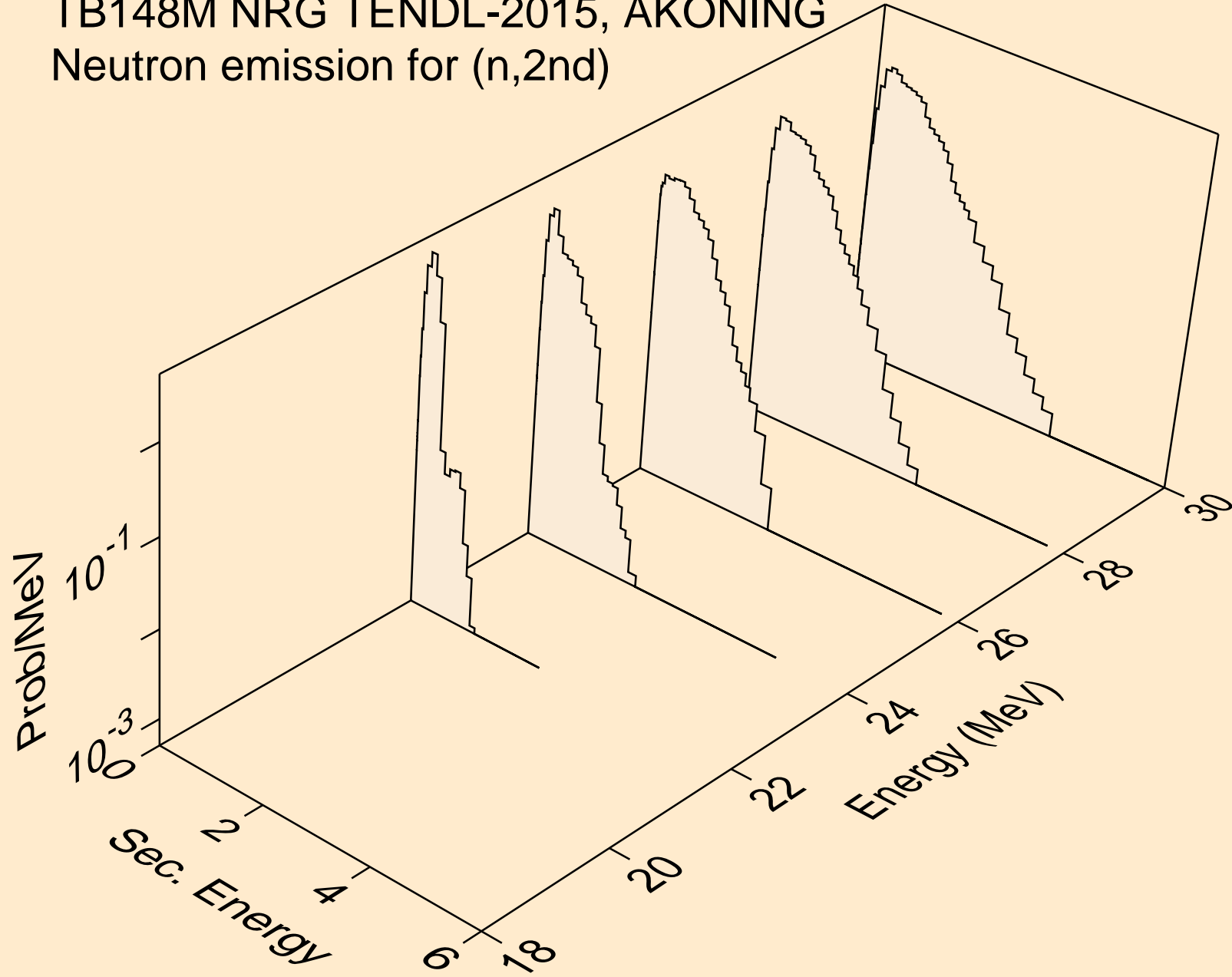
TB148M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



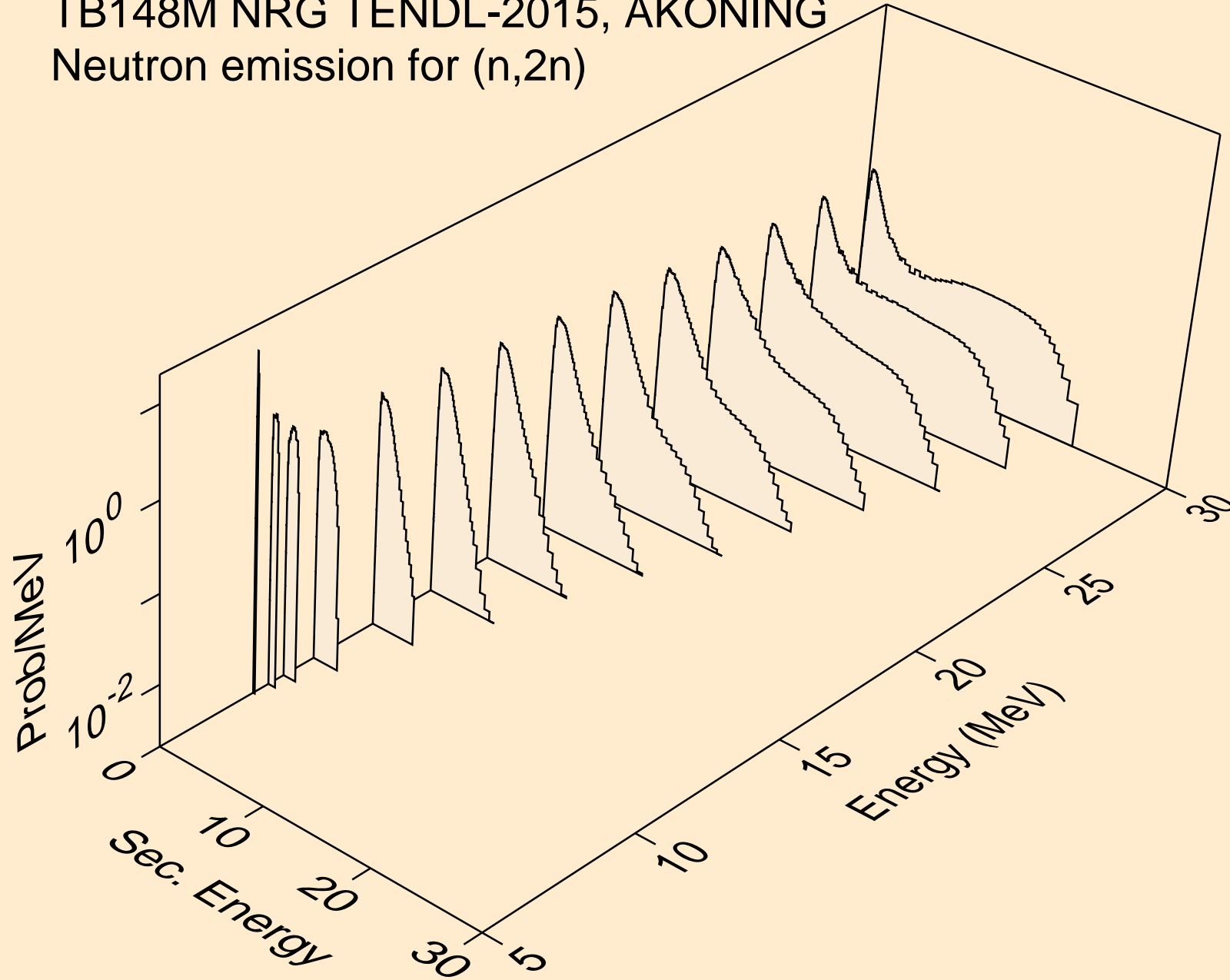
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



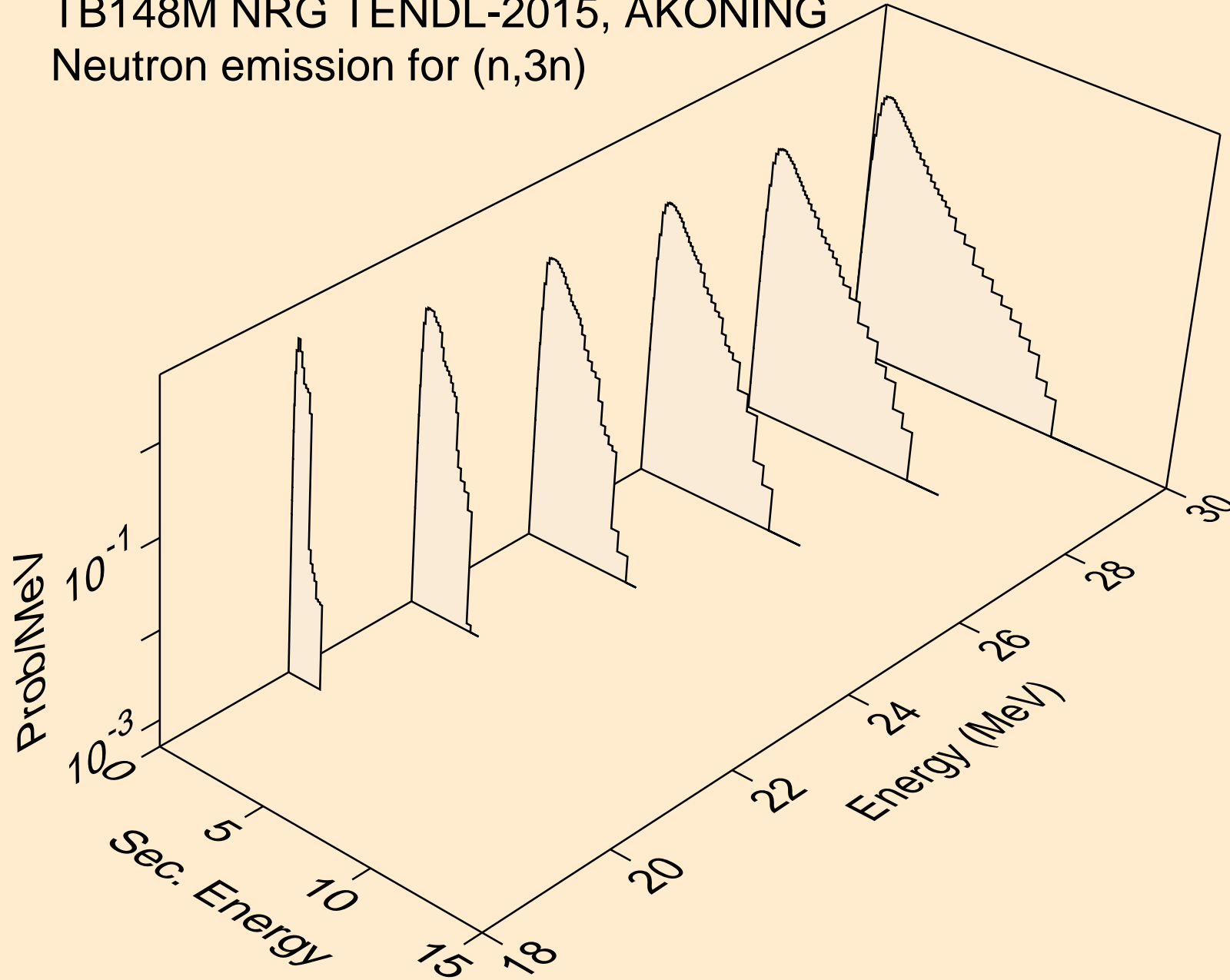
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



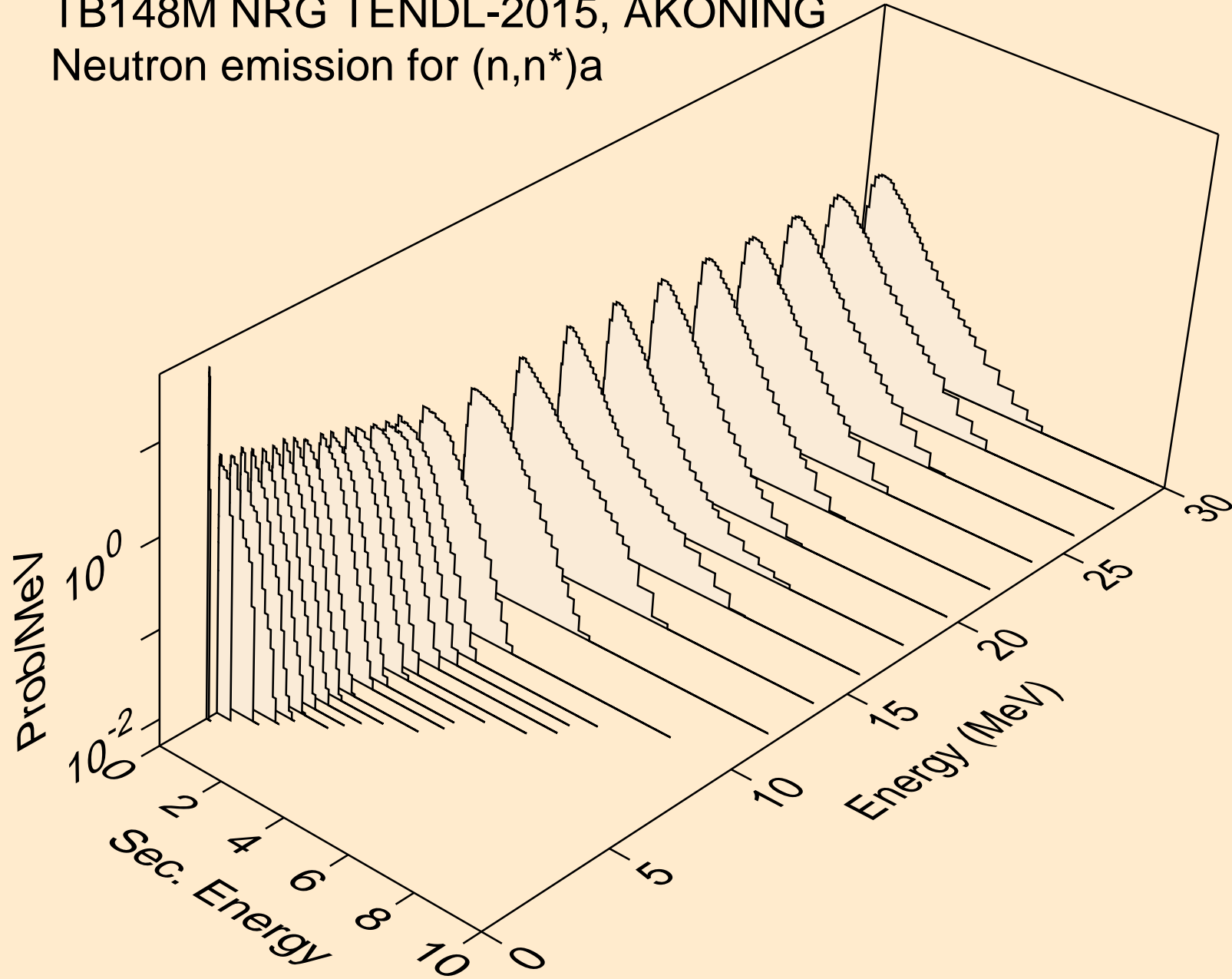
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



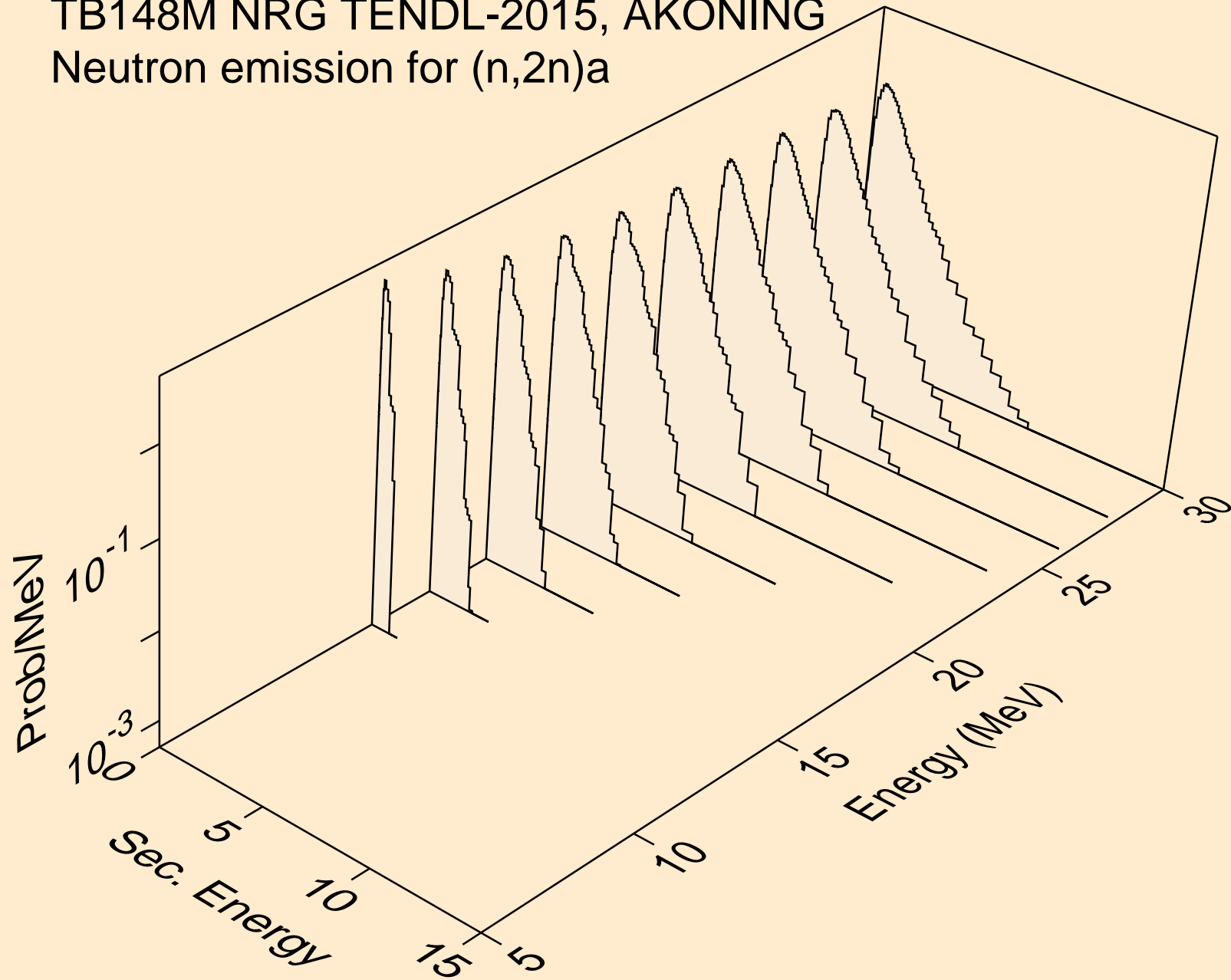
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



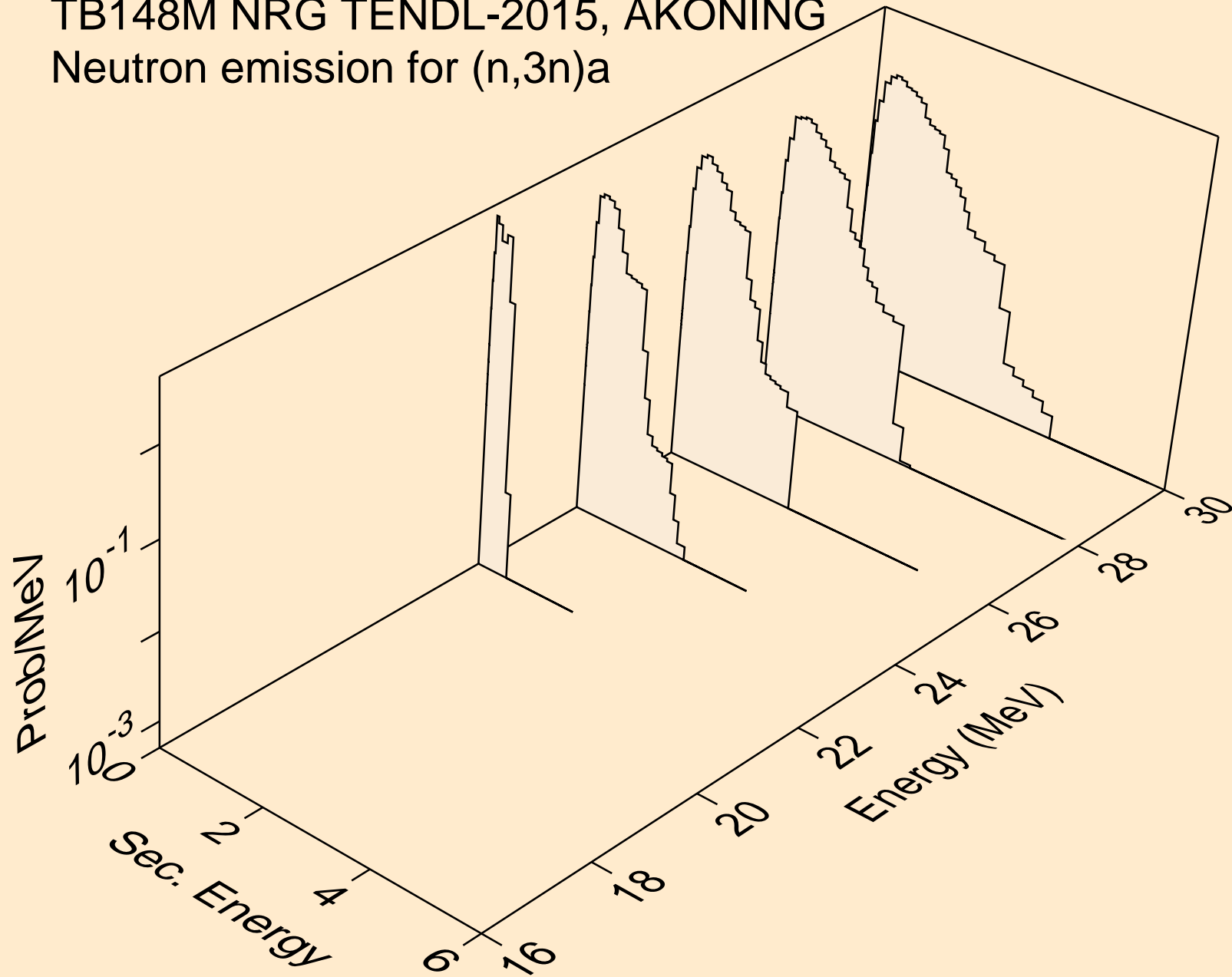
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>

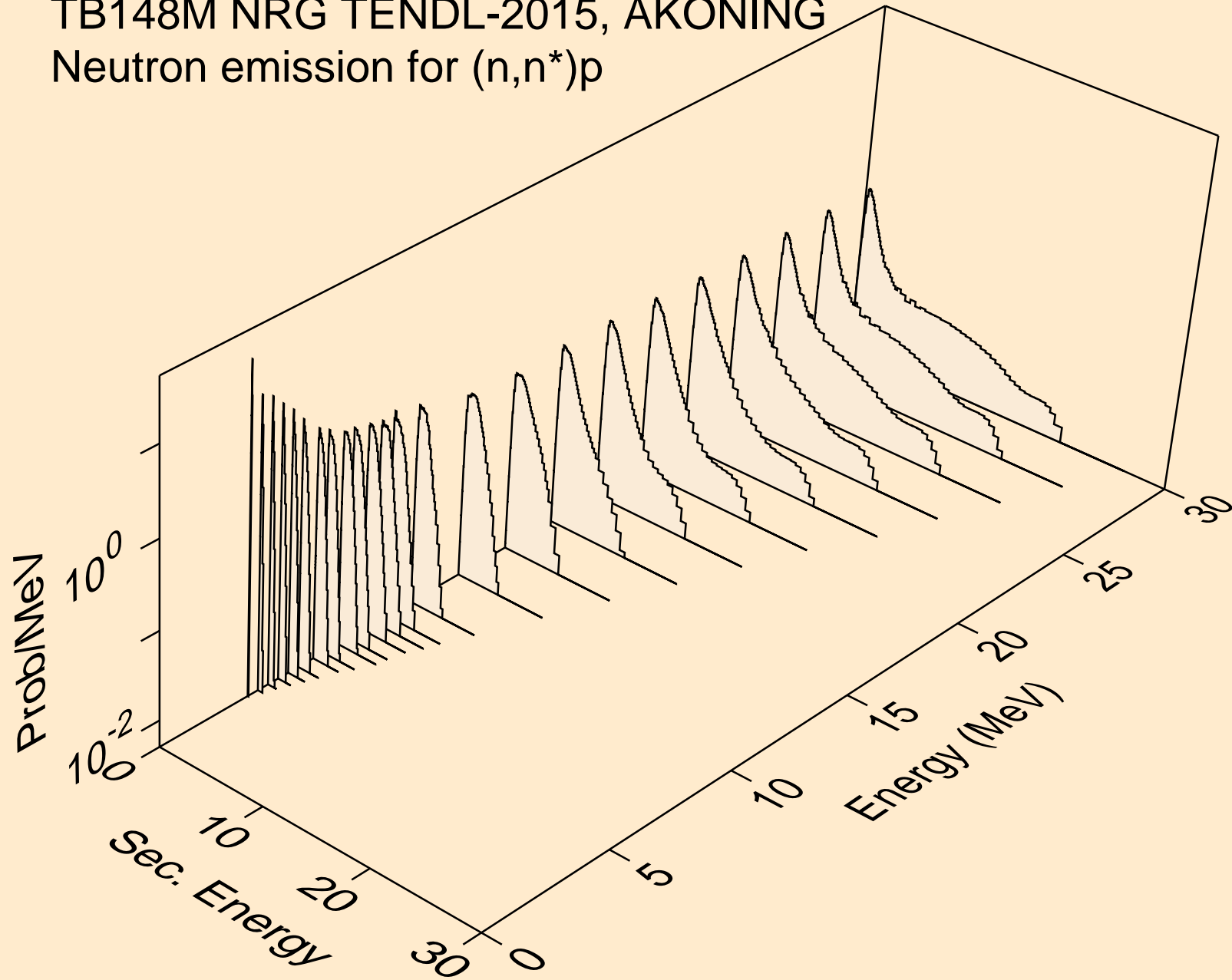


TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

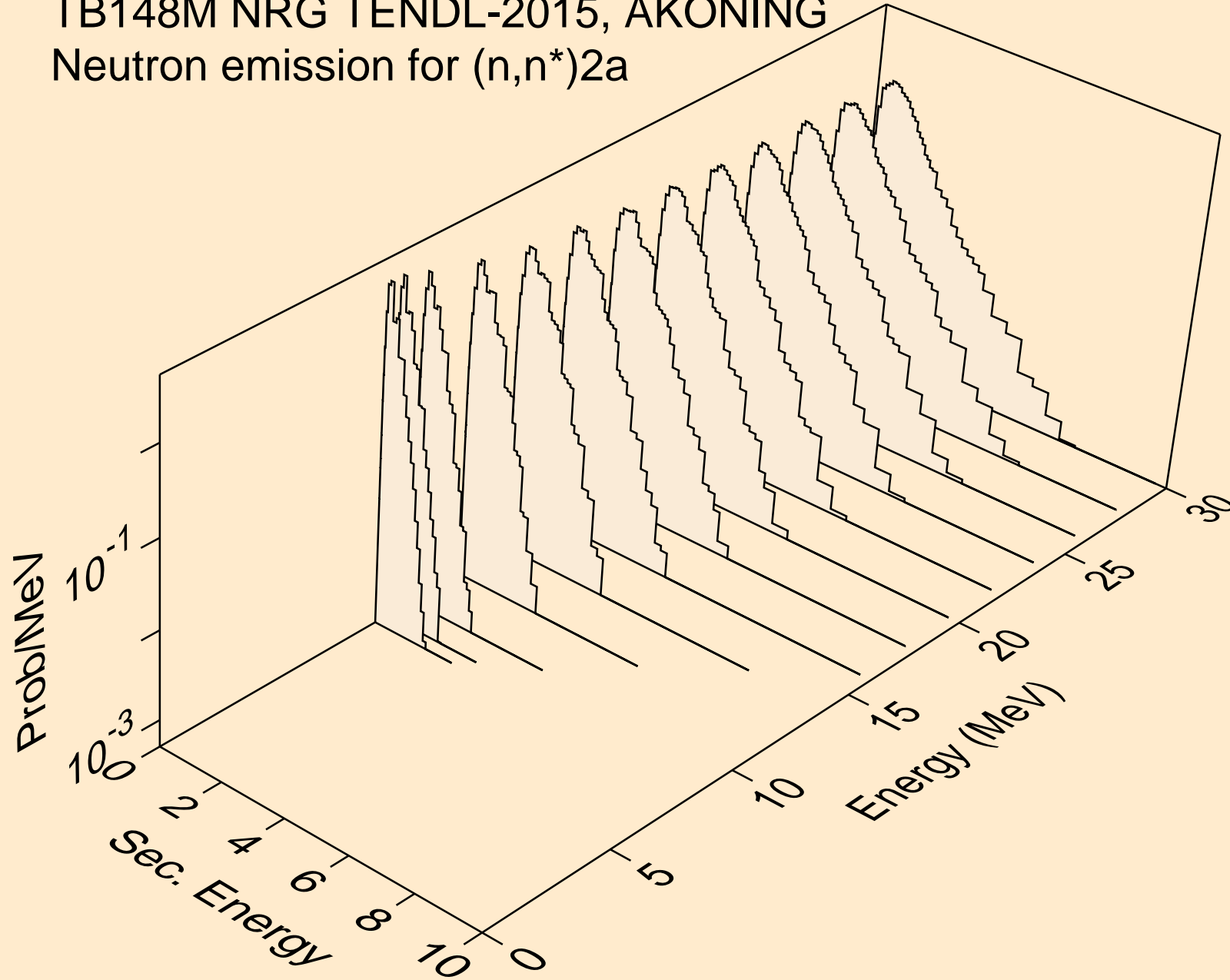




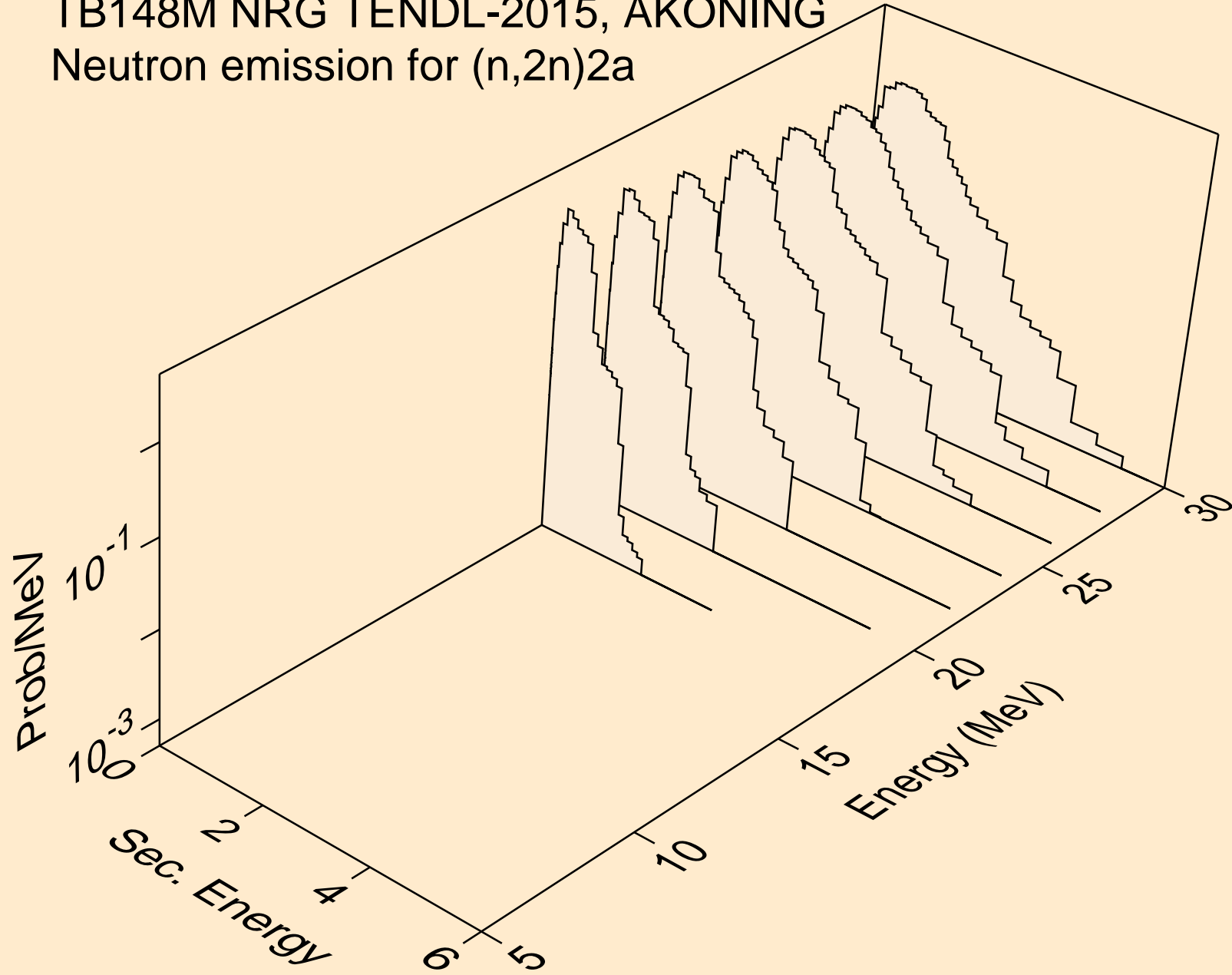
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



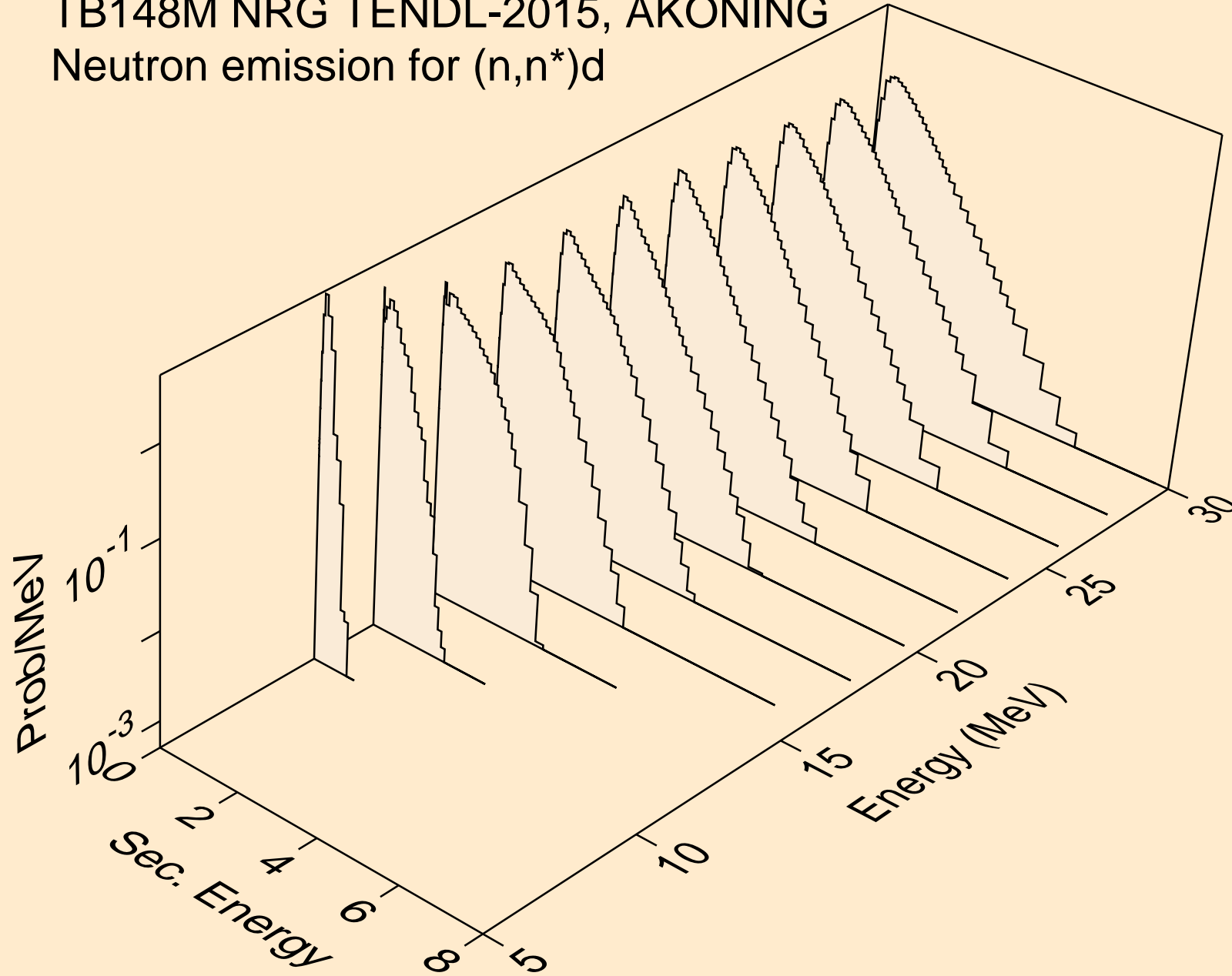
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



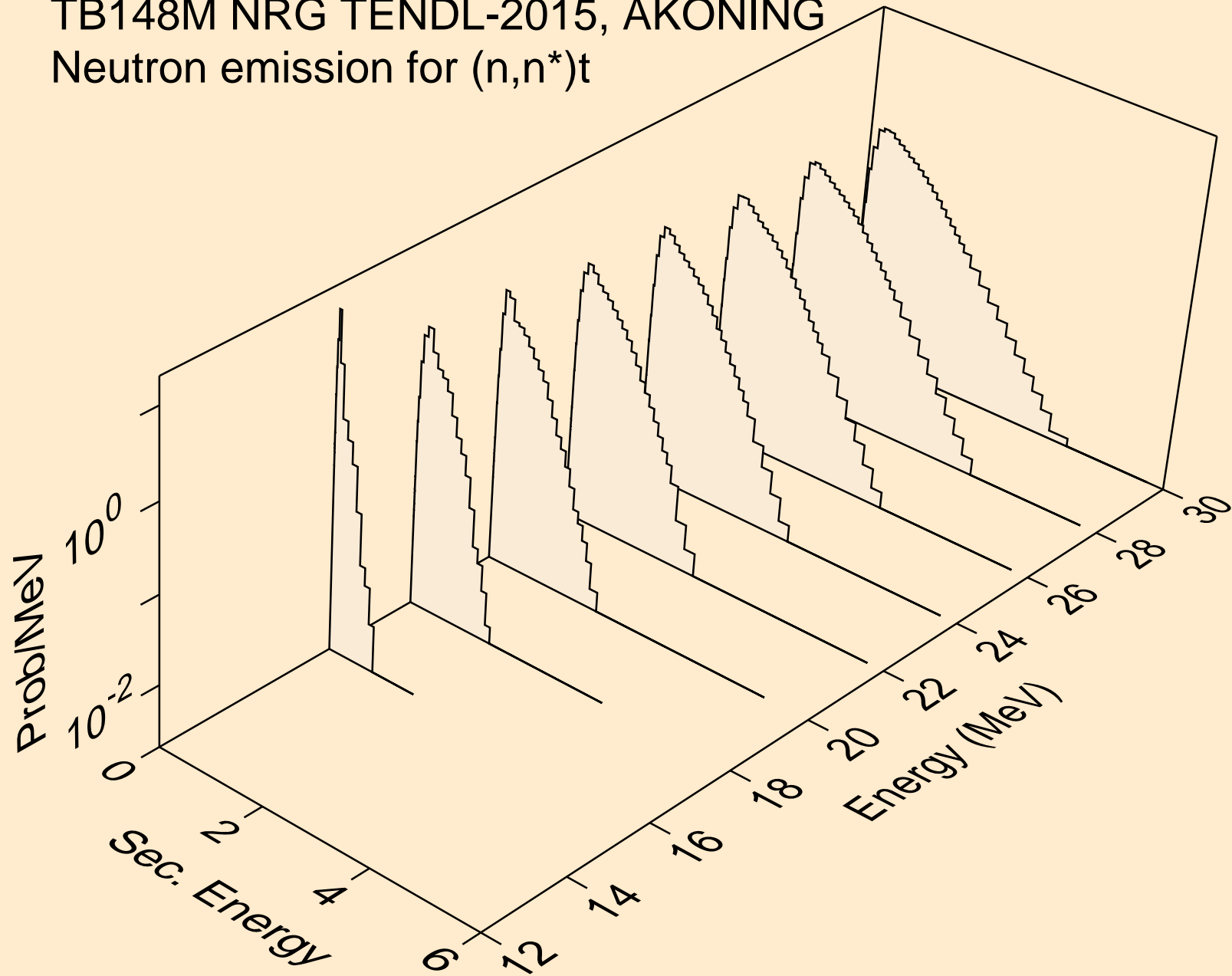
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



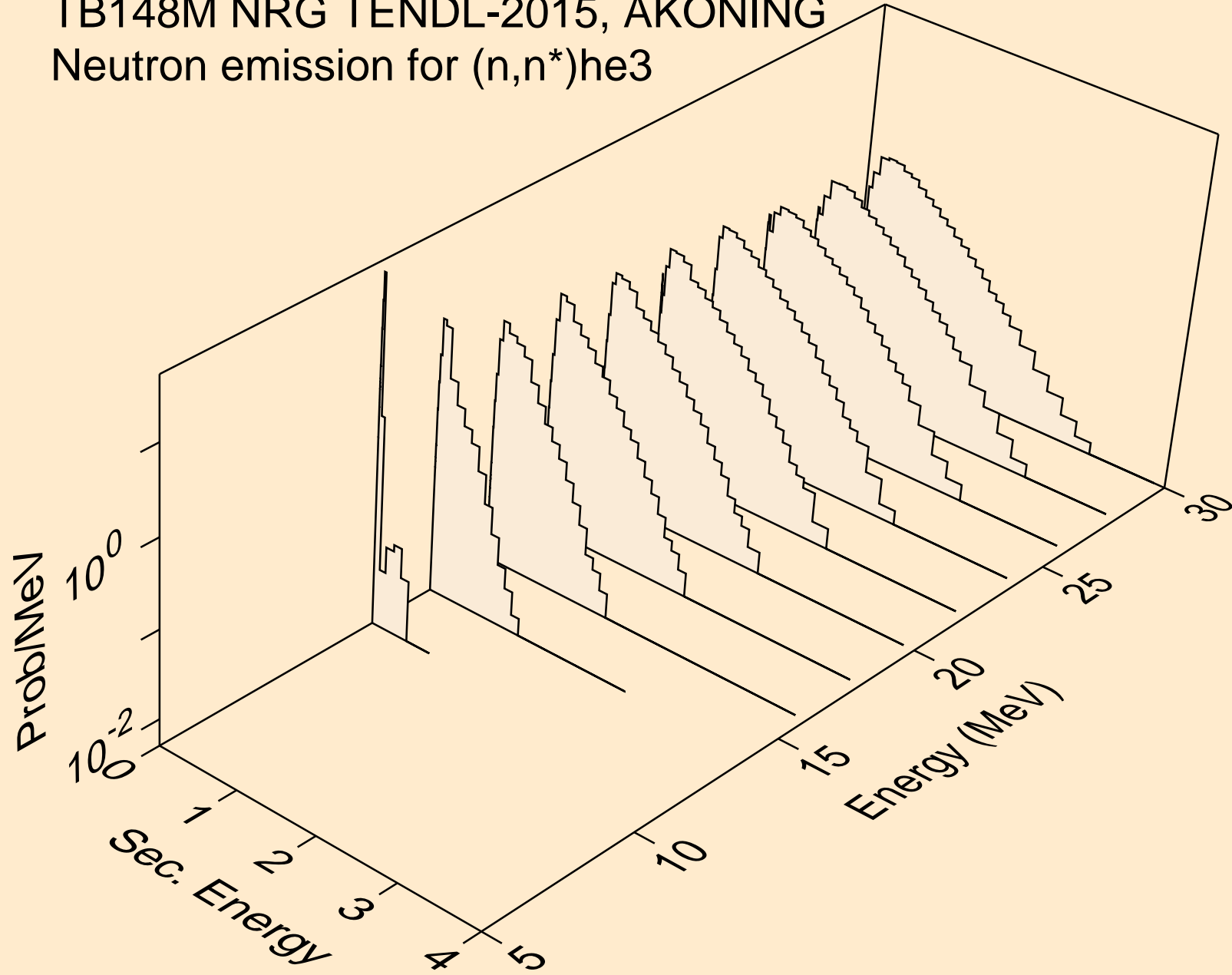
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



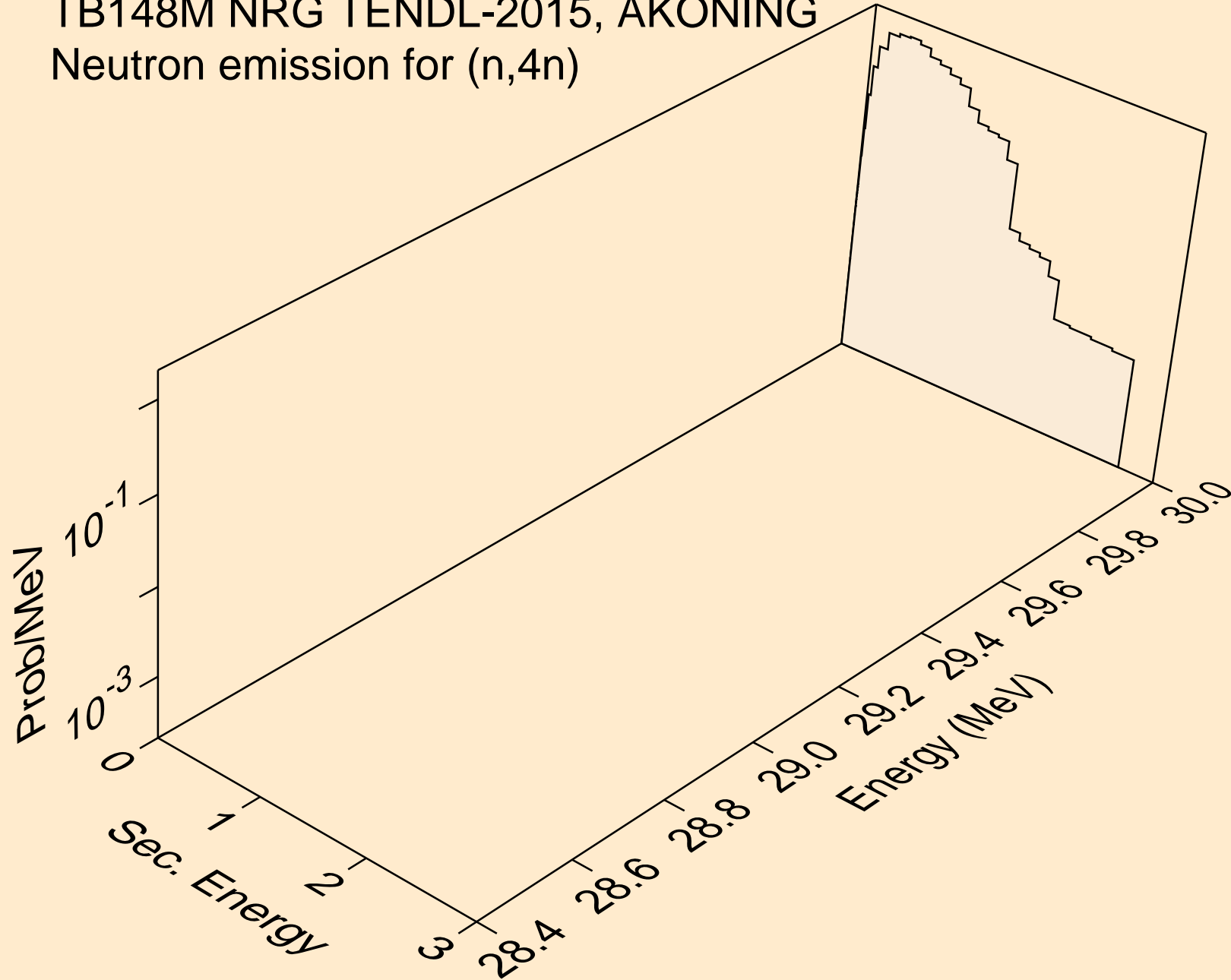
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



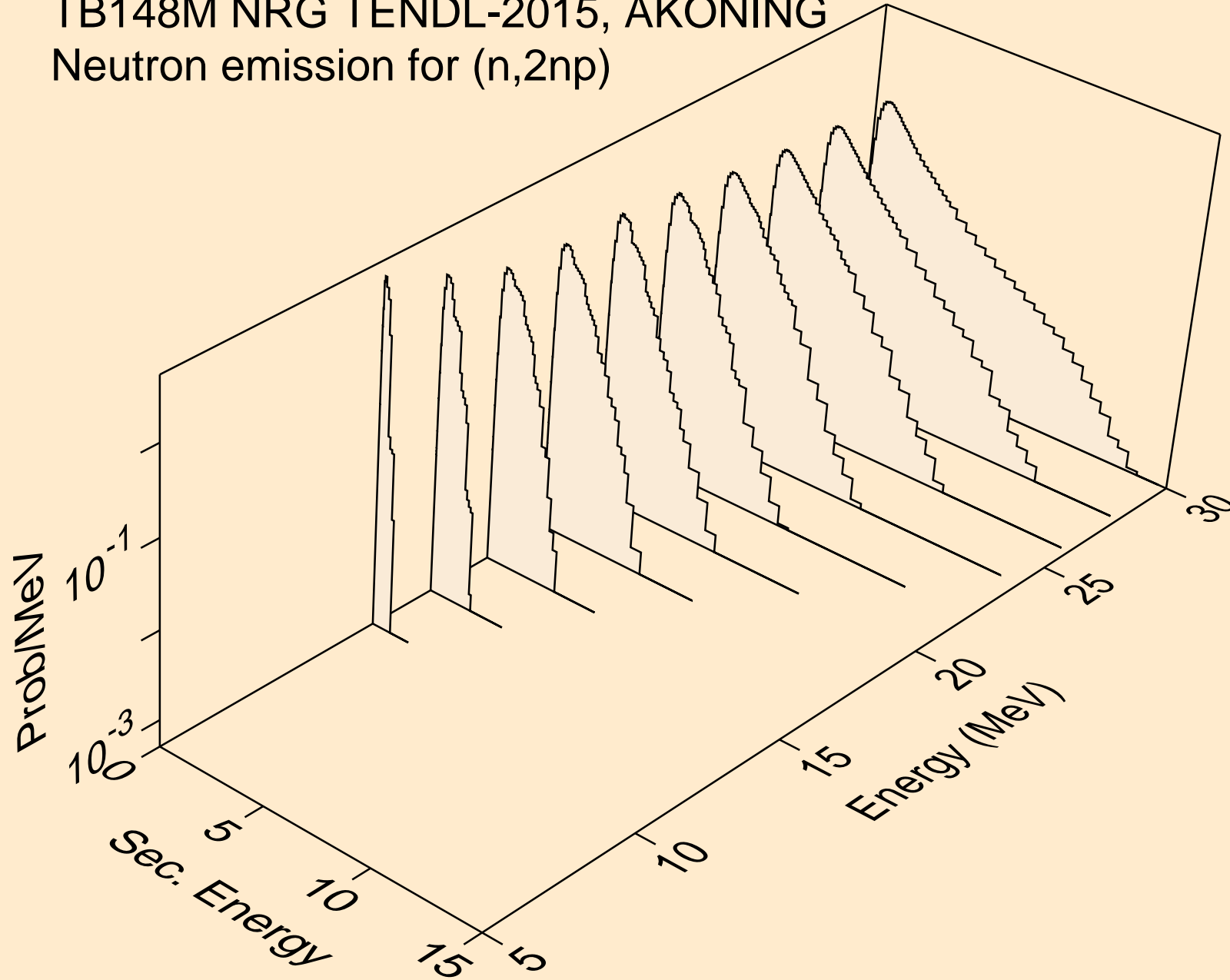
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

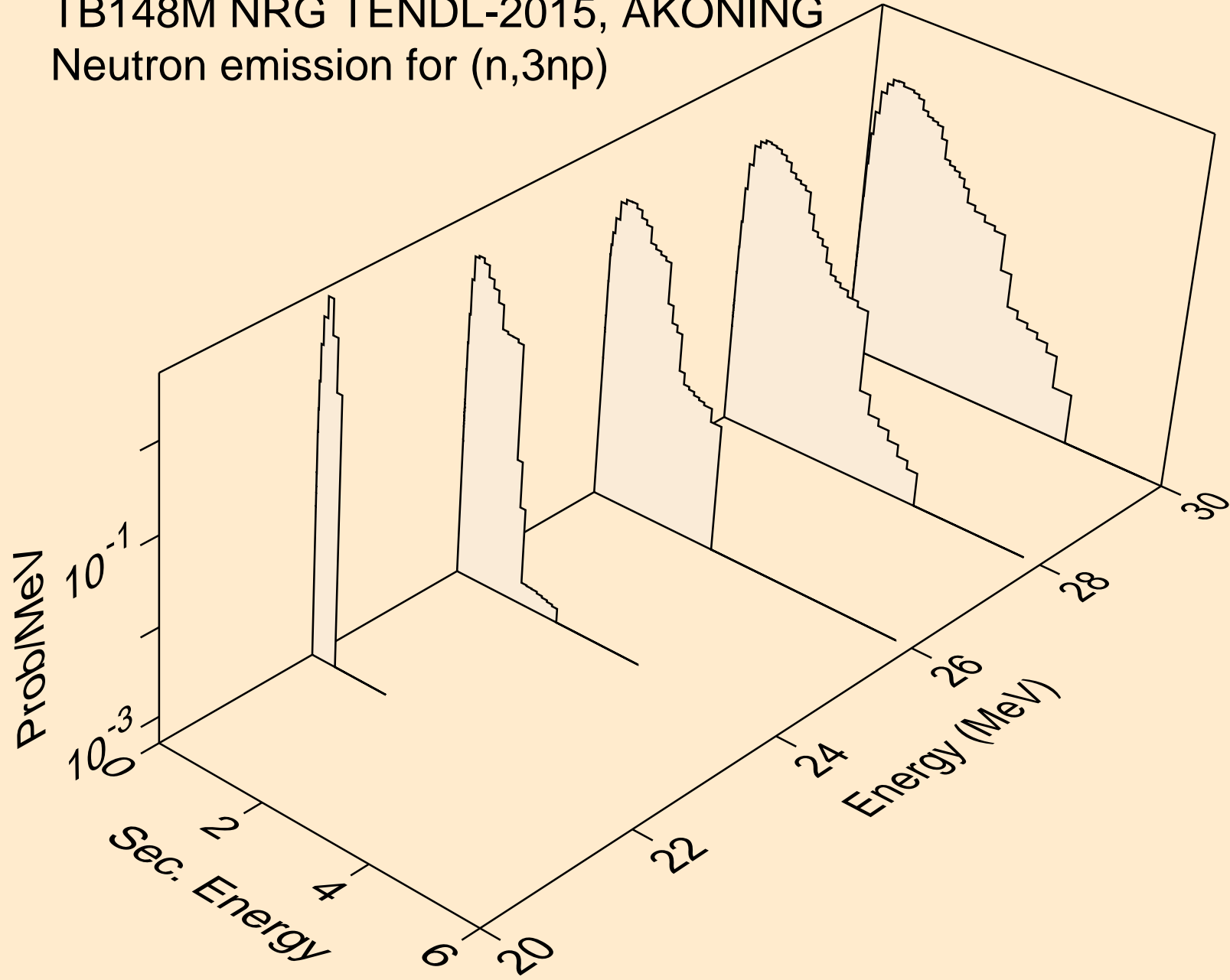


TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

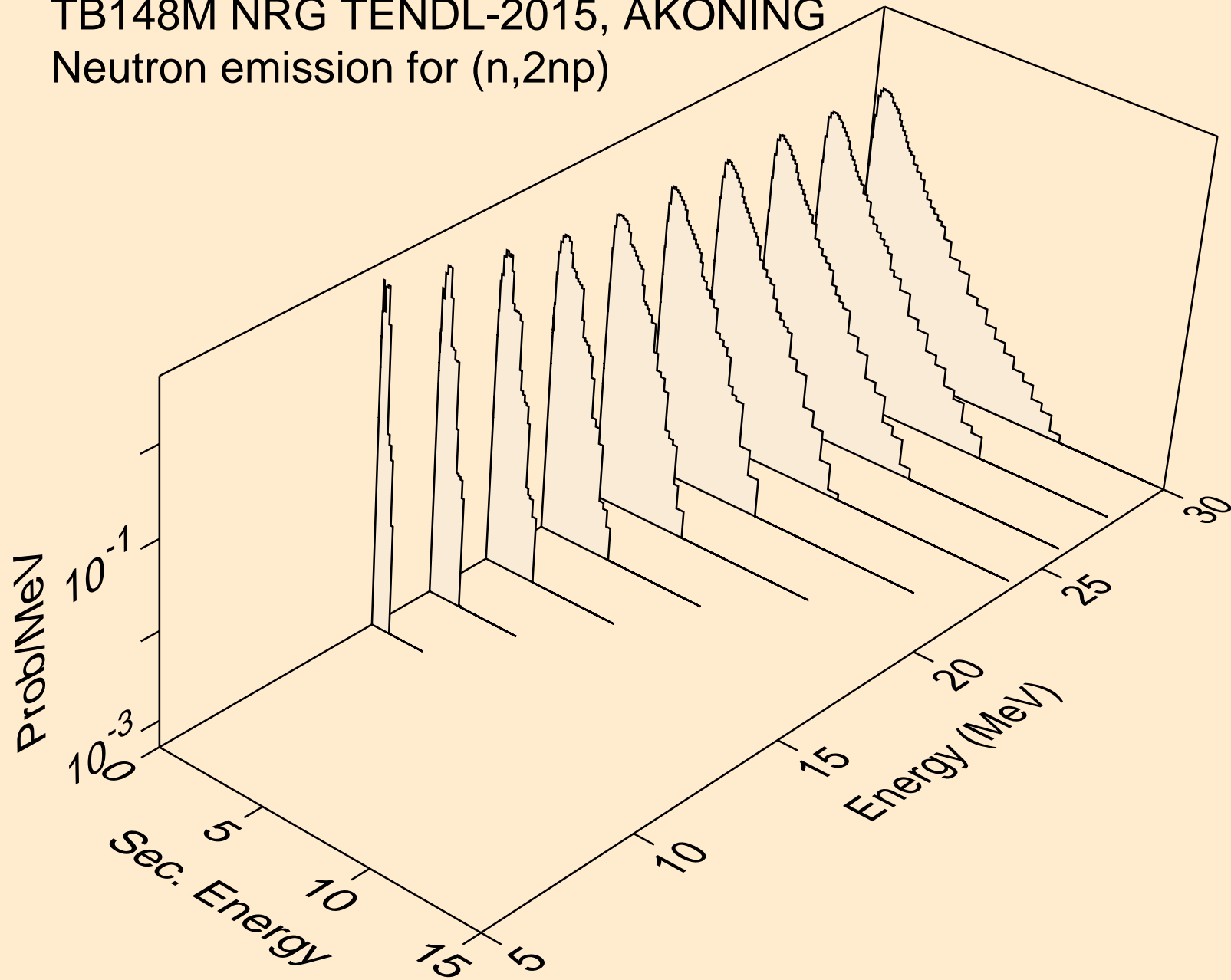




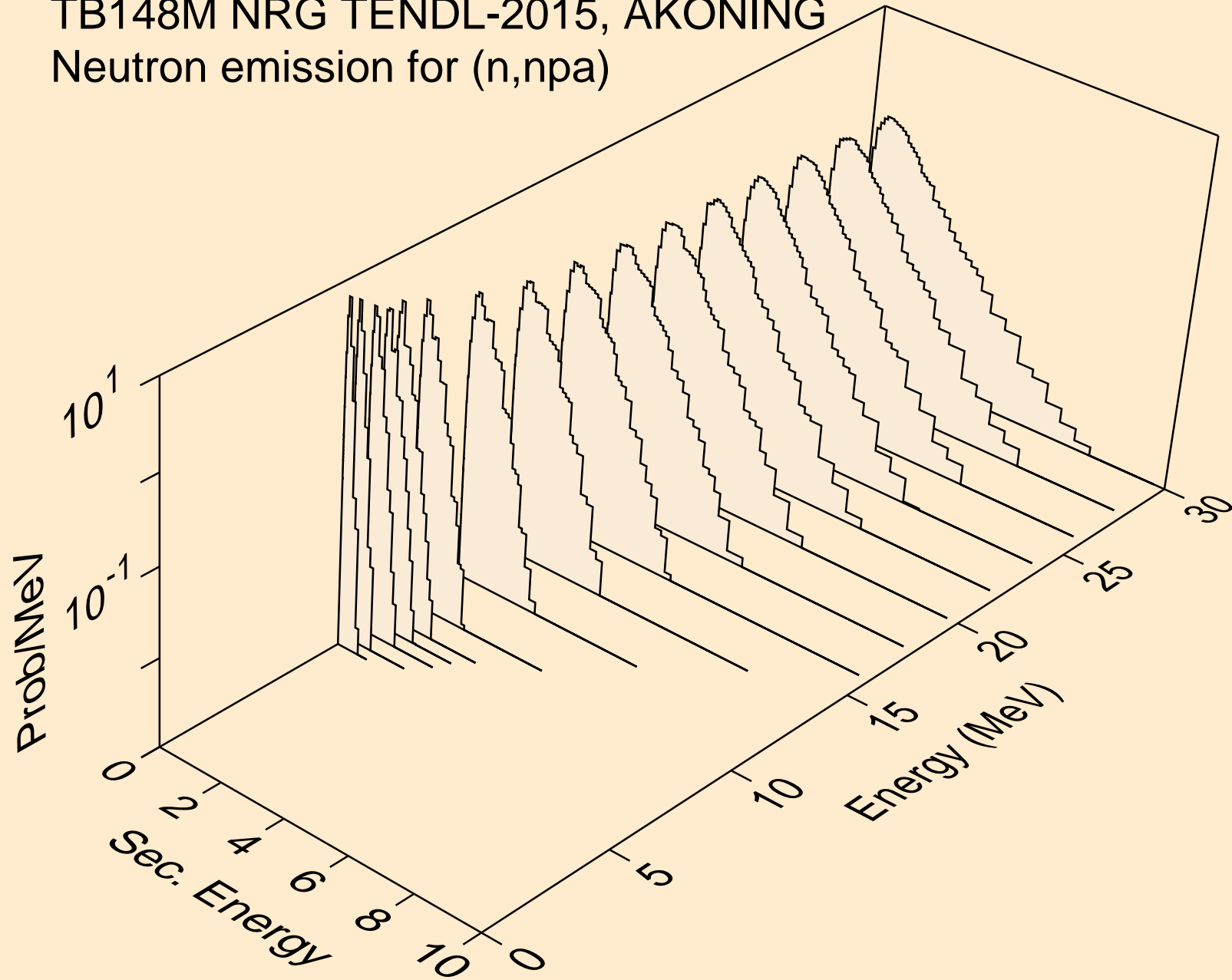
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



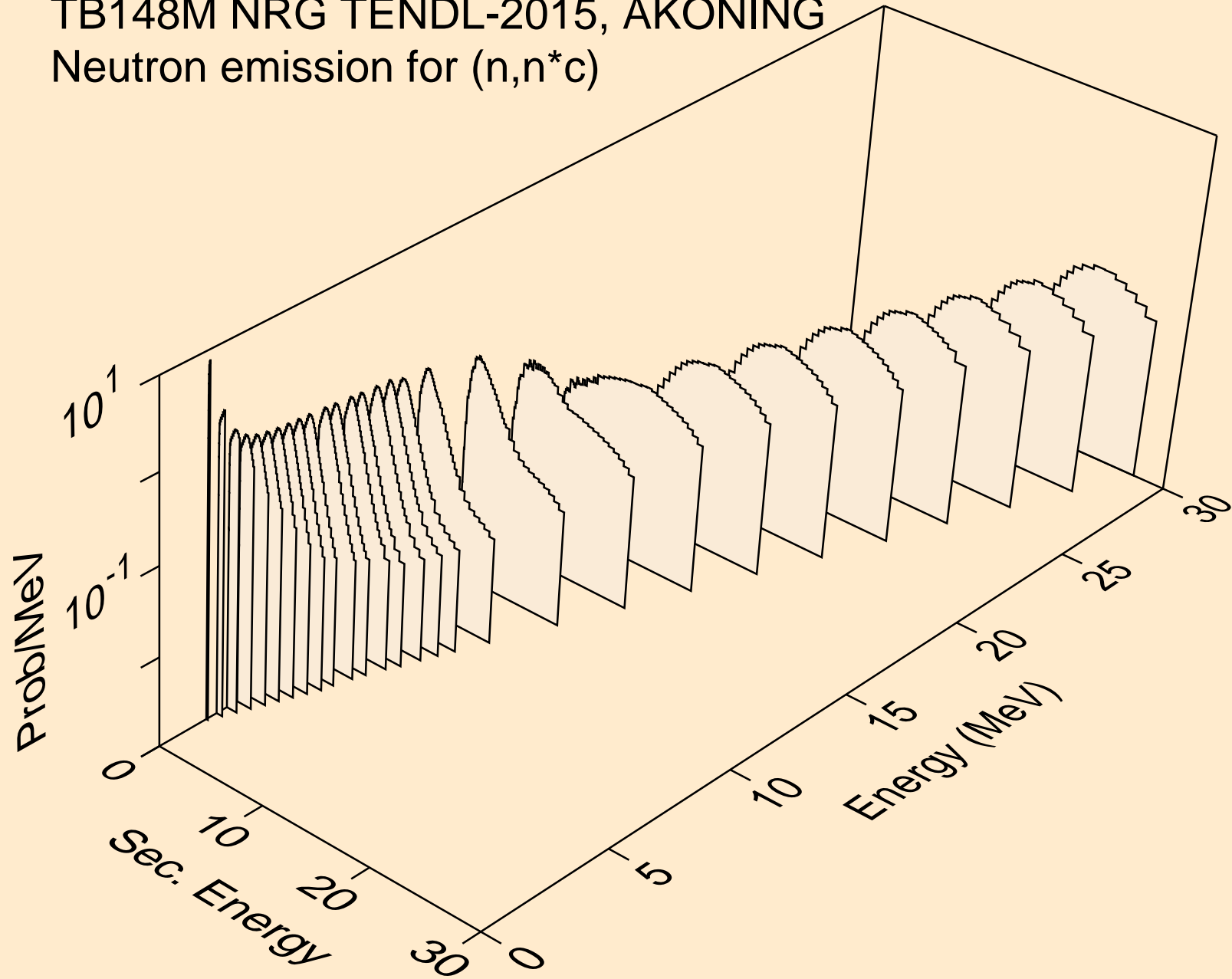
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



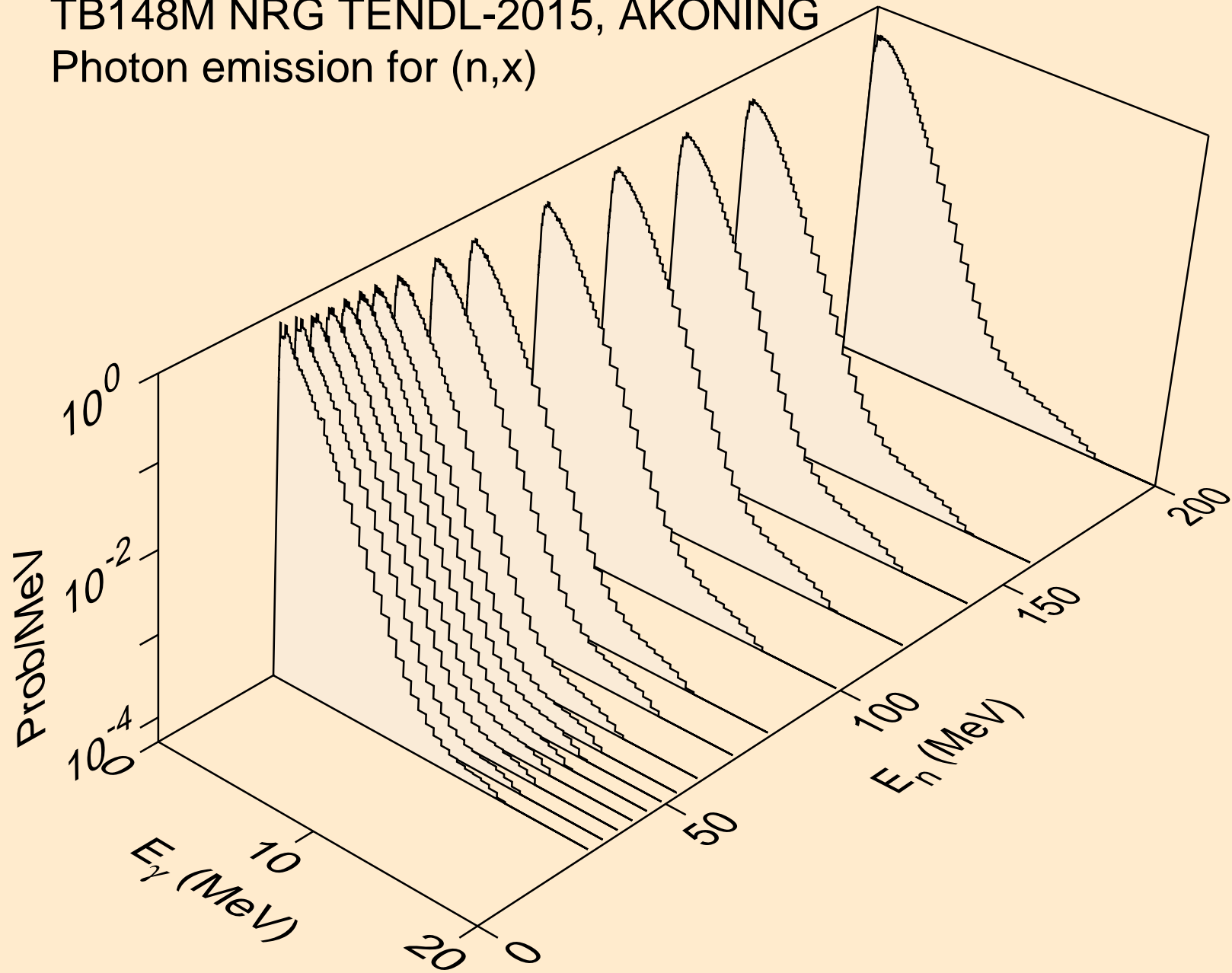
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



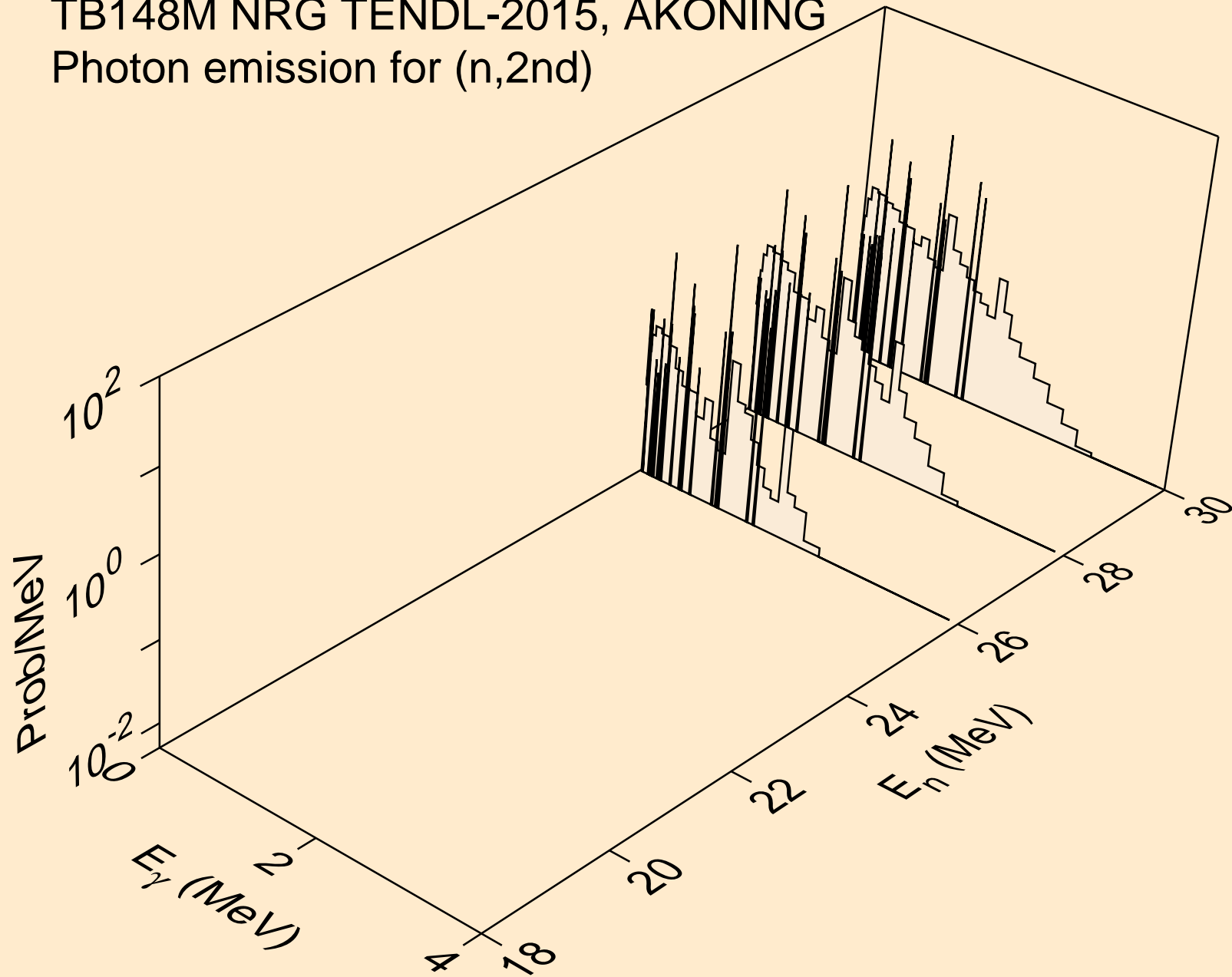
TB148M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



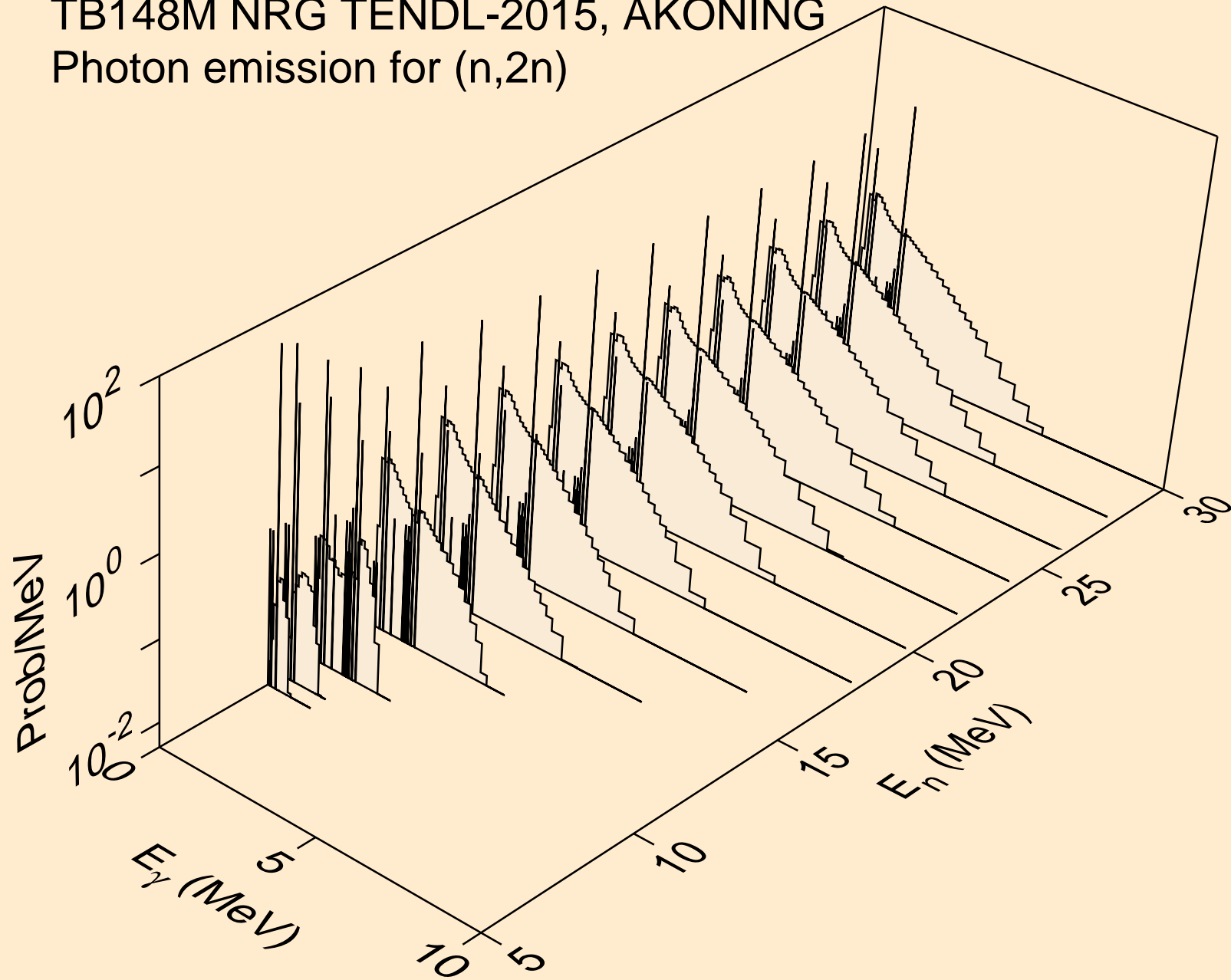
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



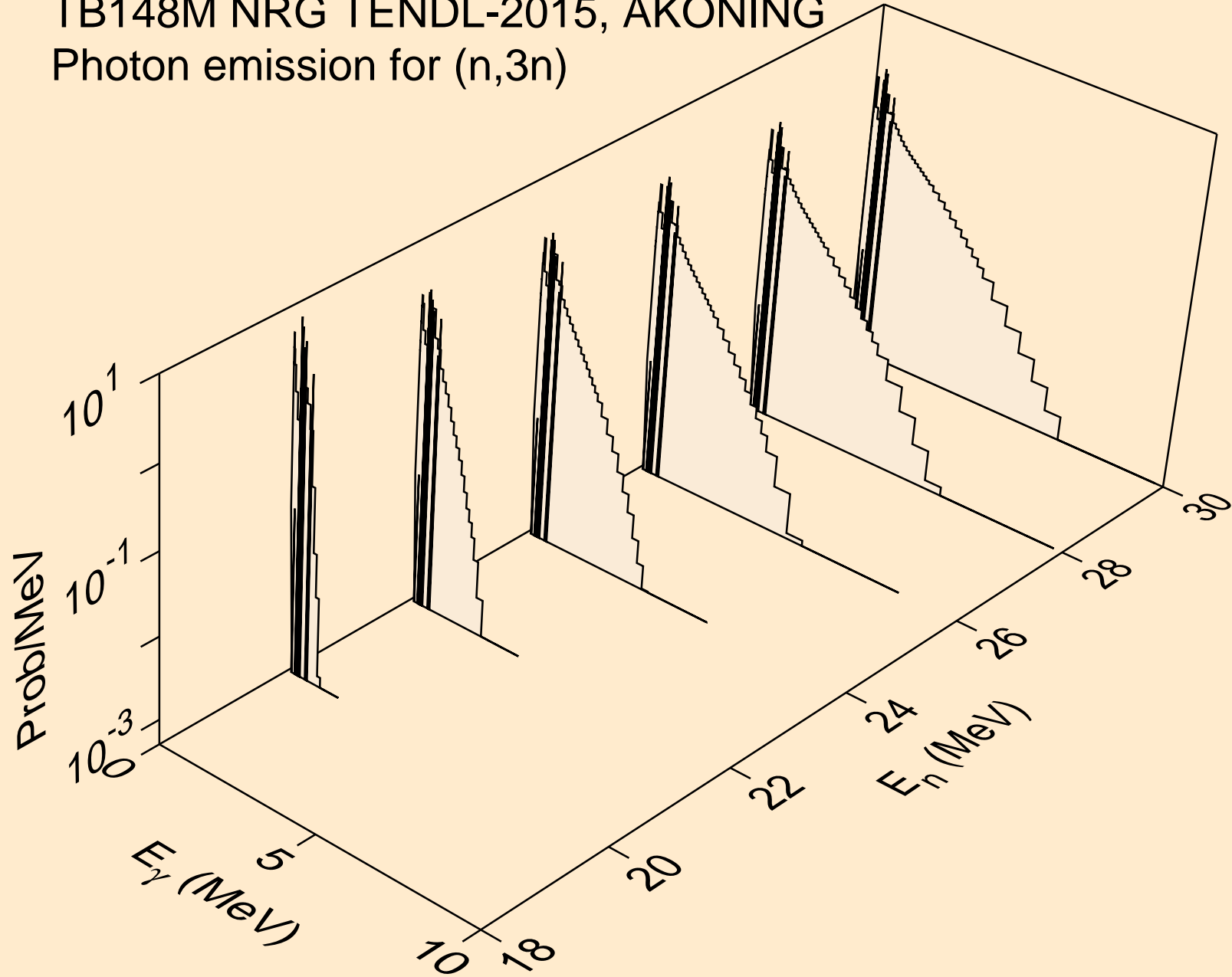
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

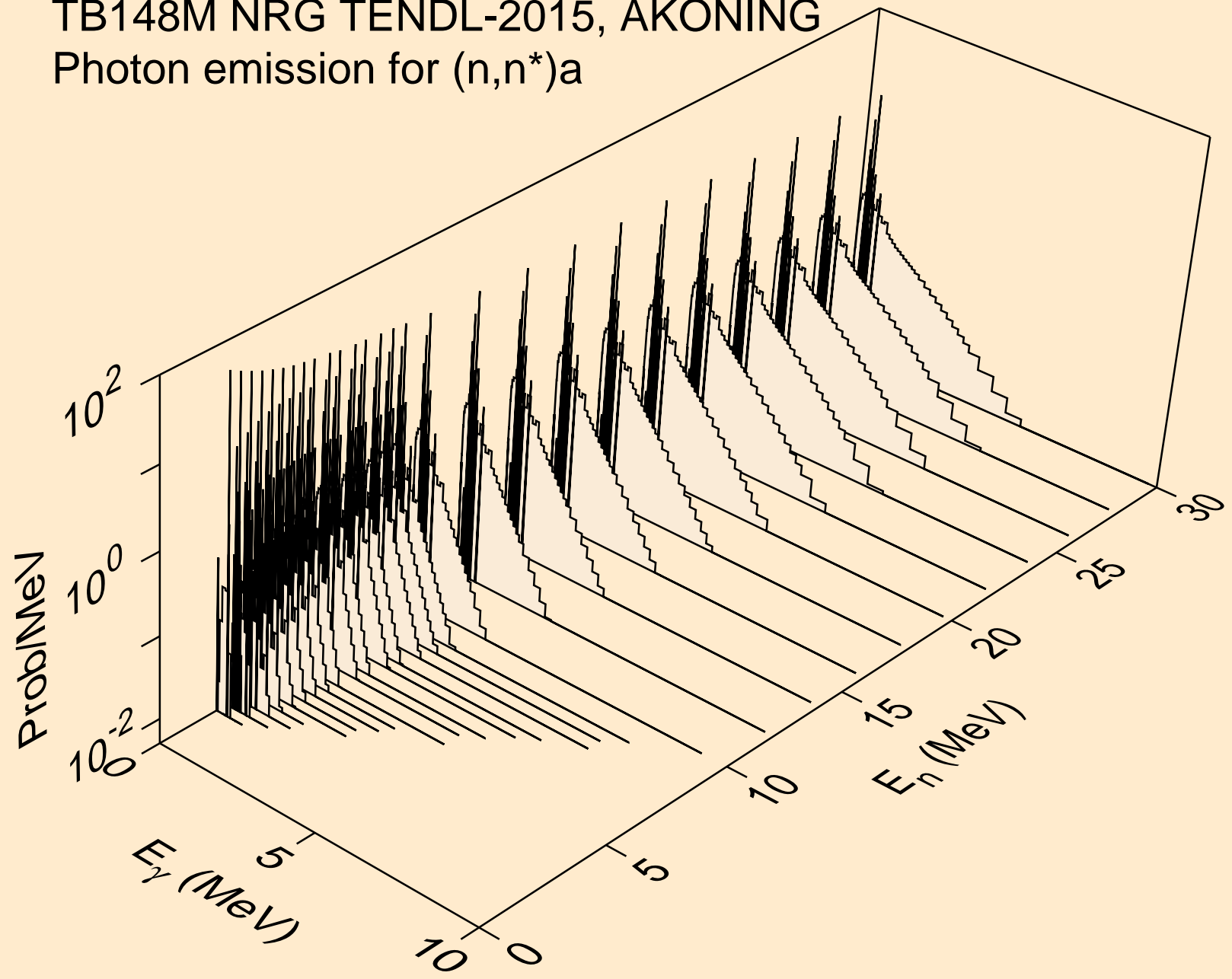


TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

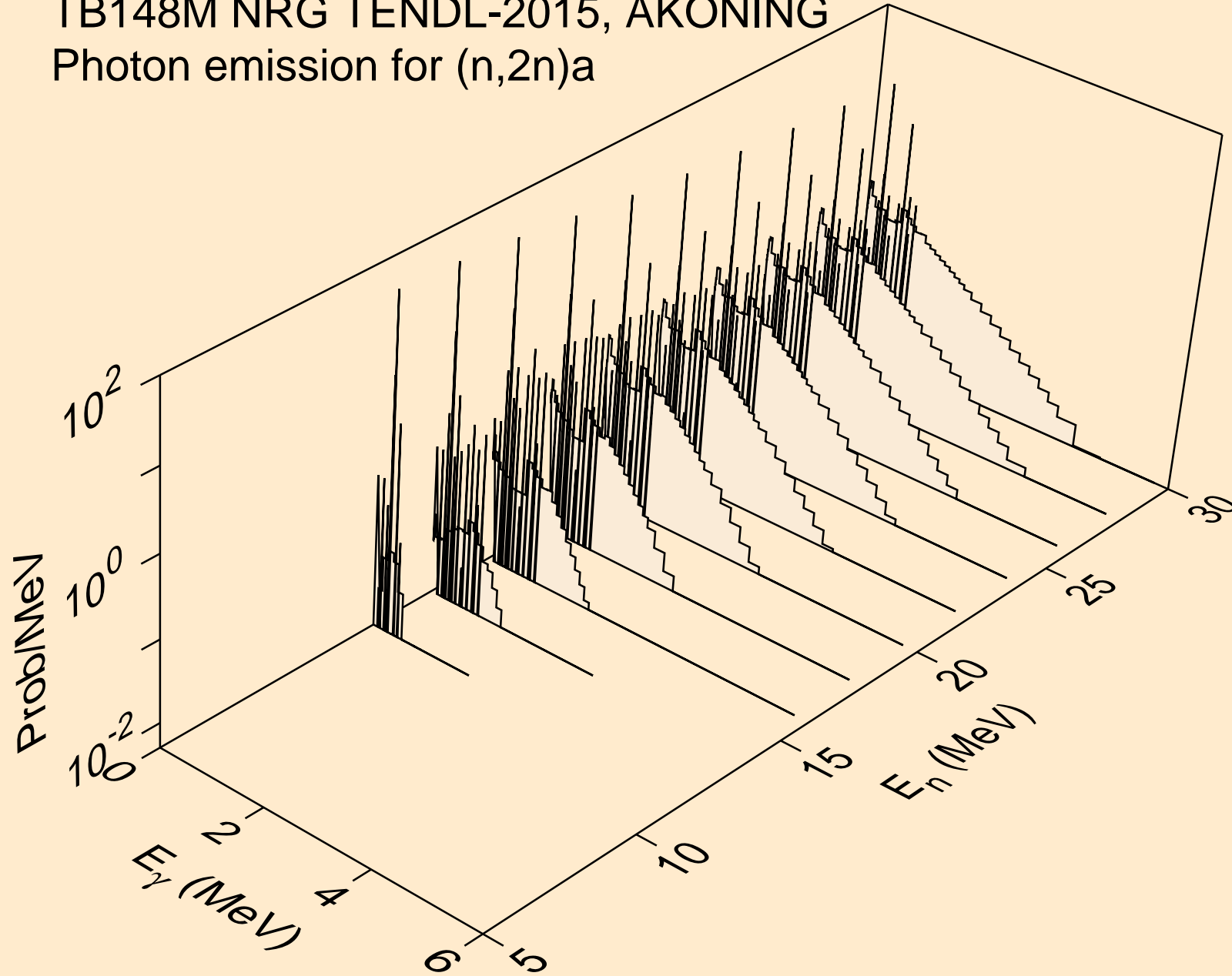




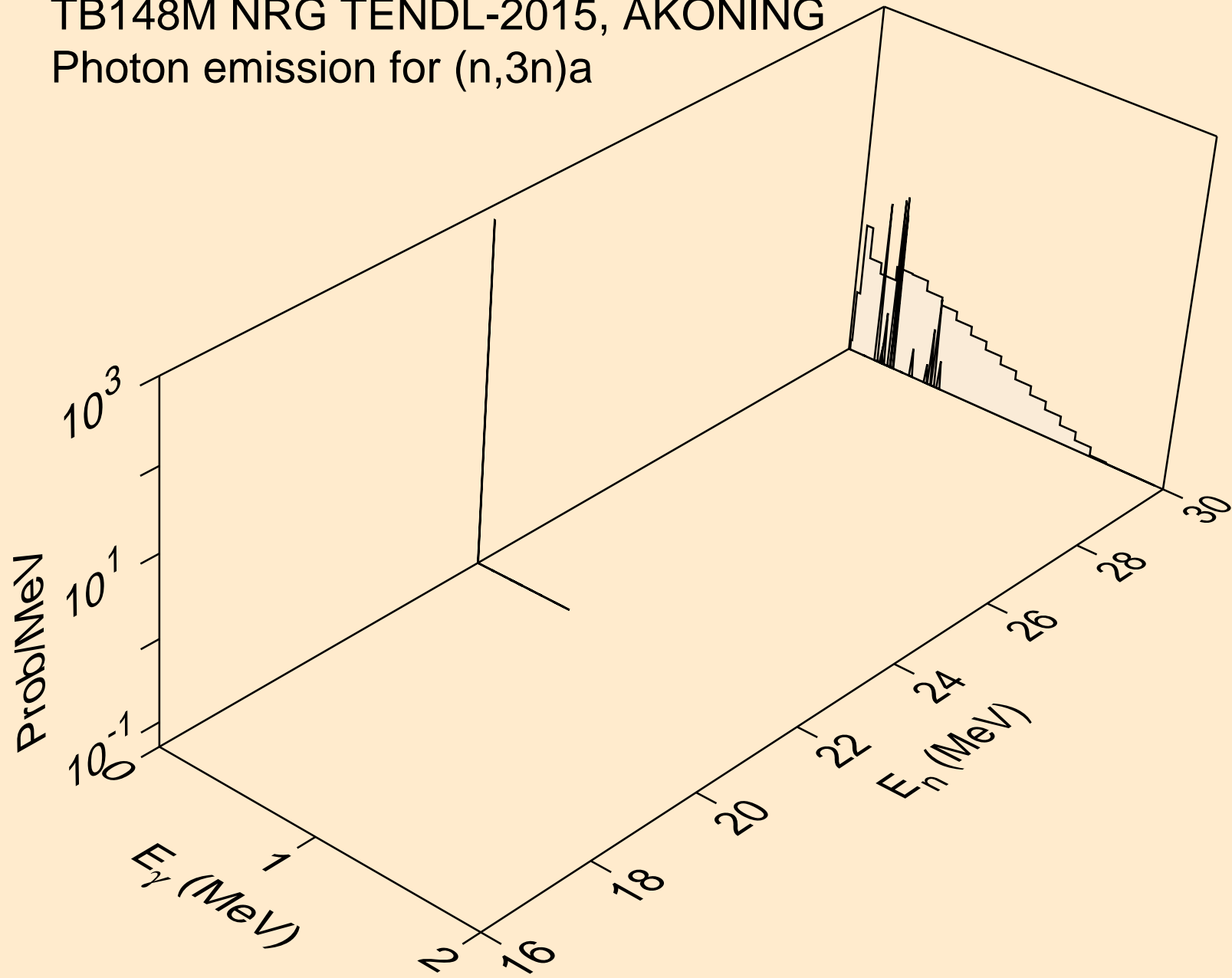
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



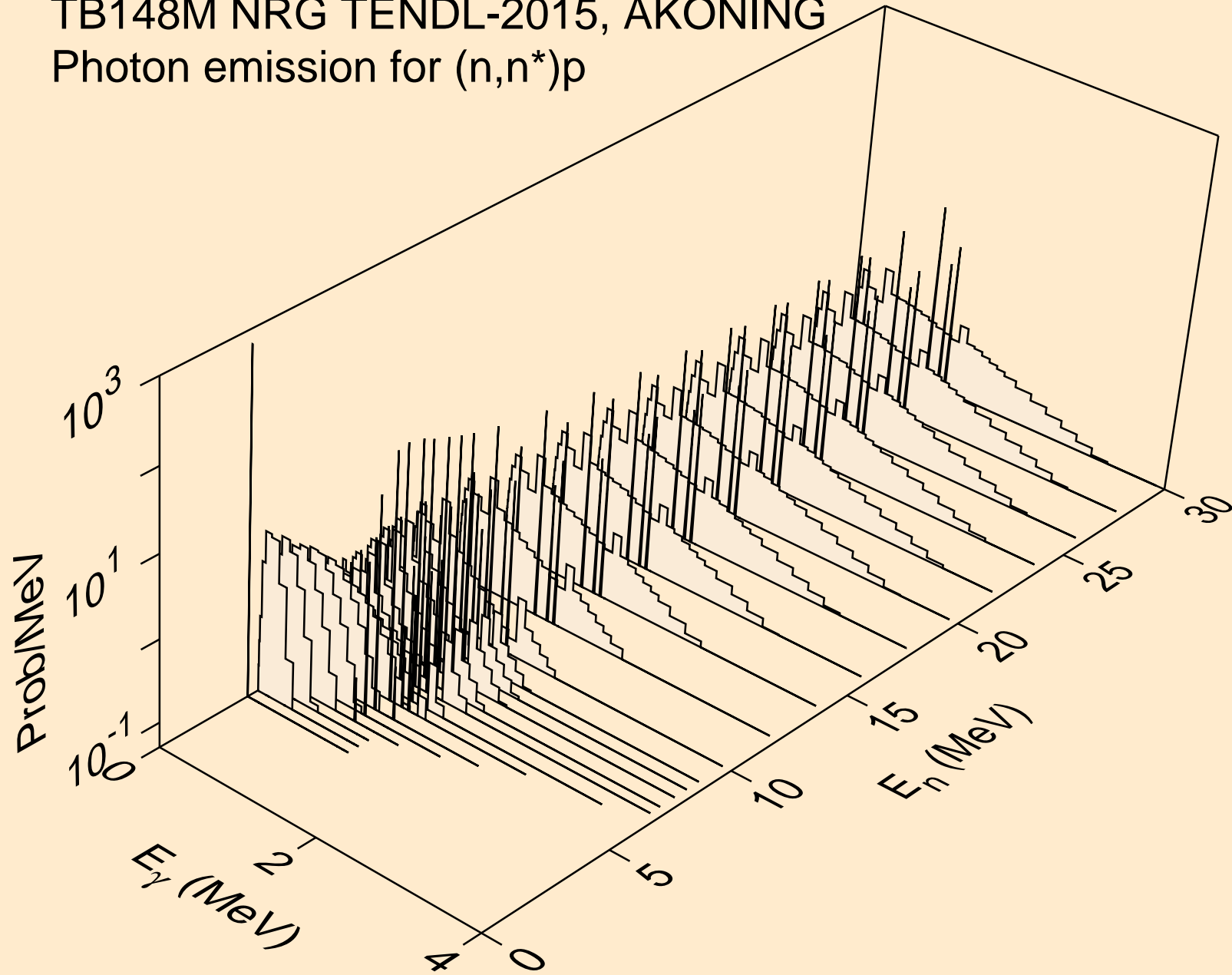
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



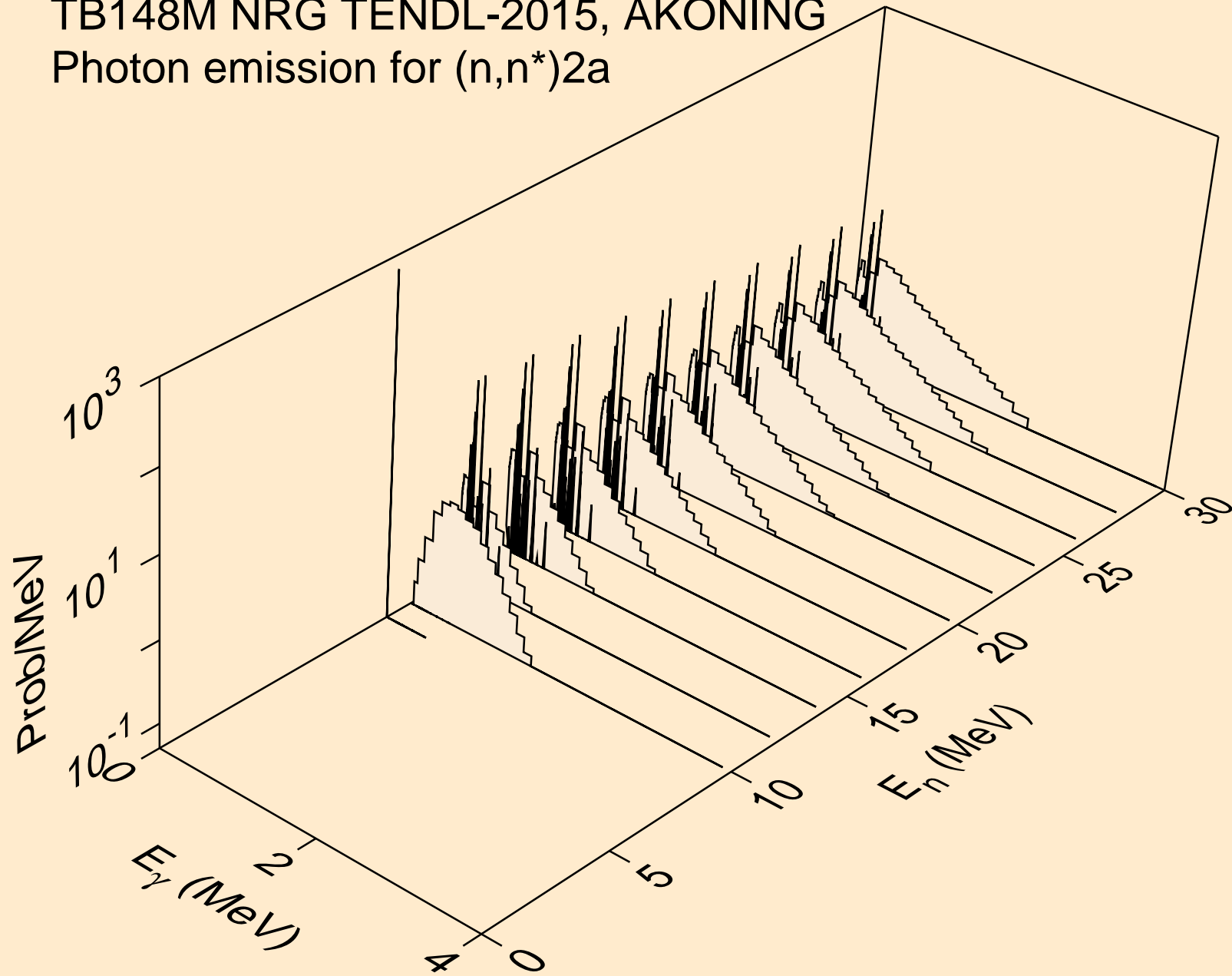
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



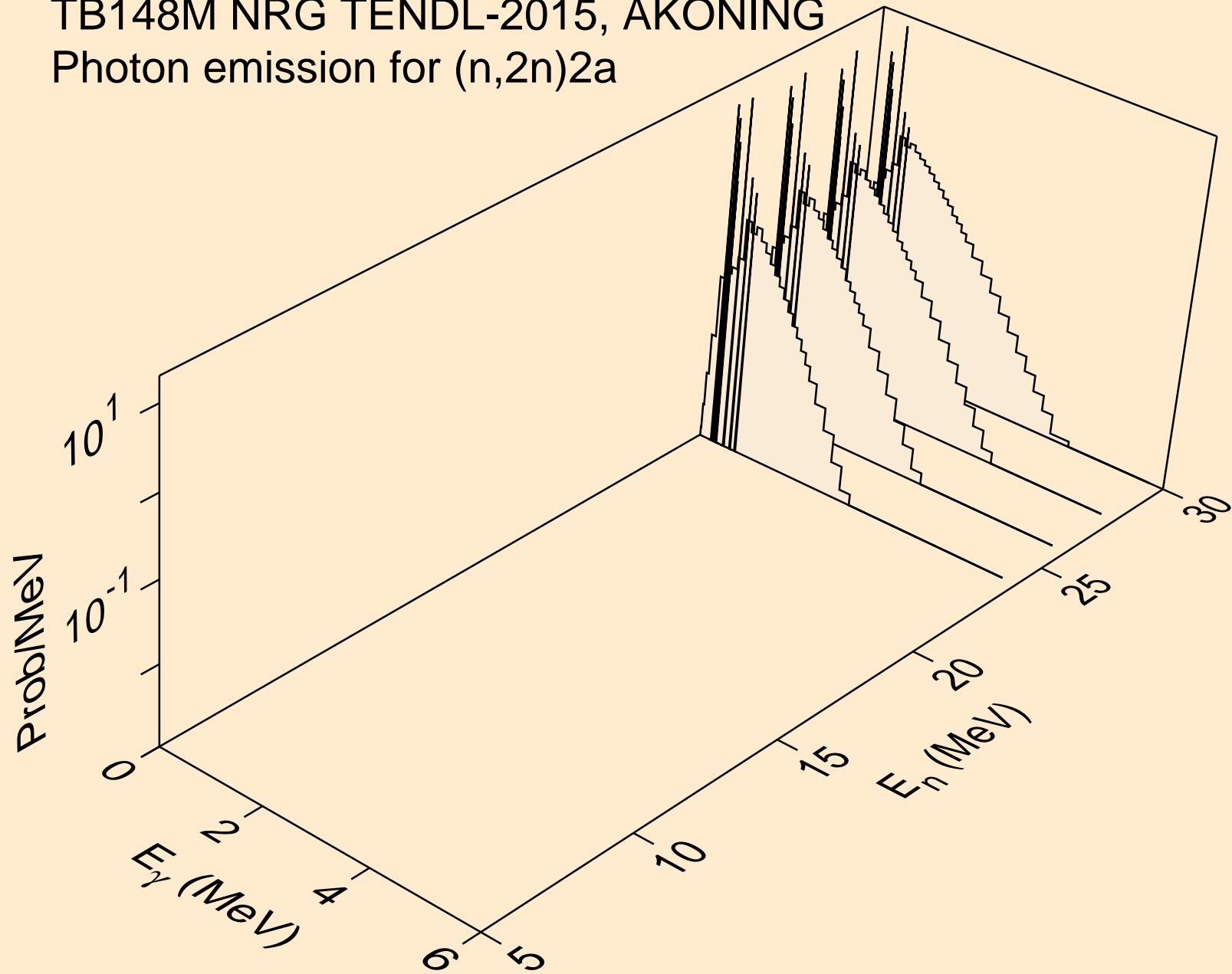
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



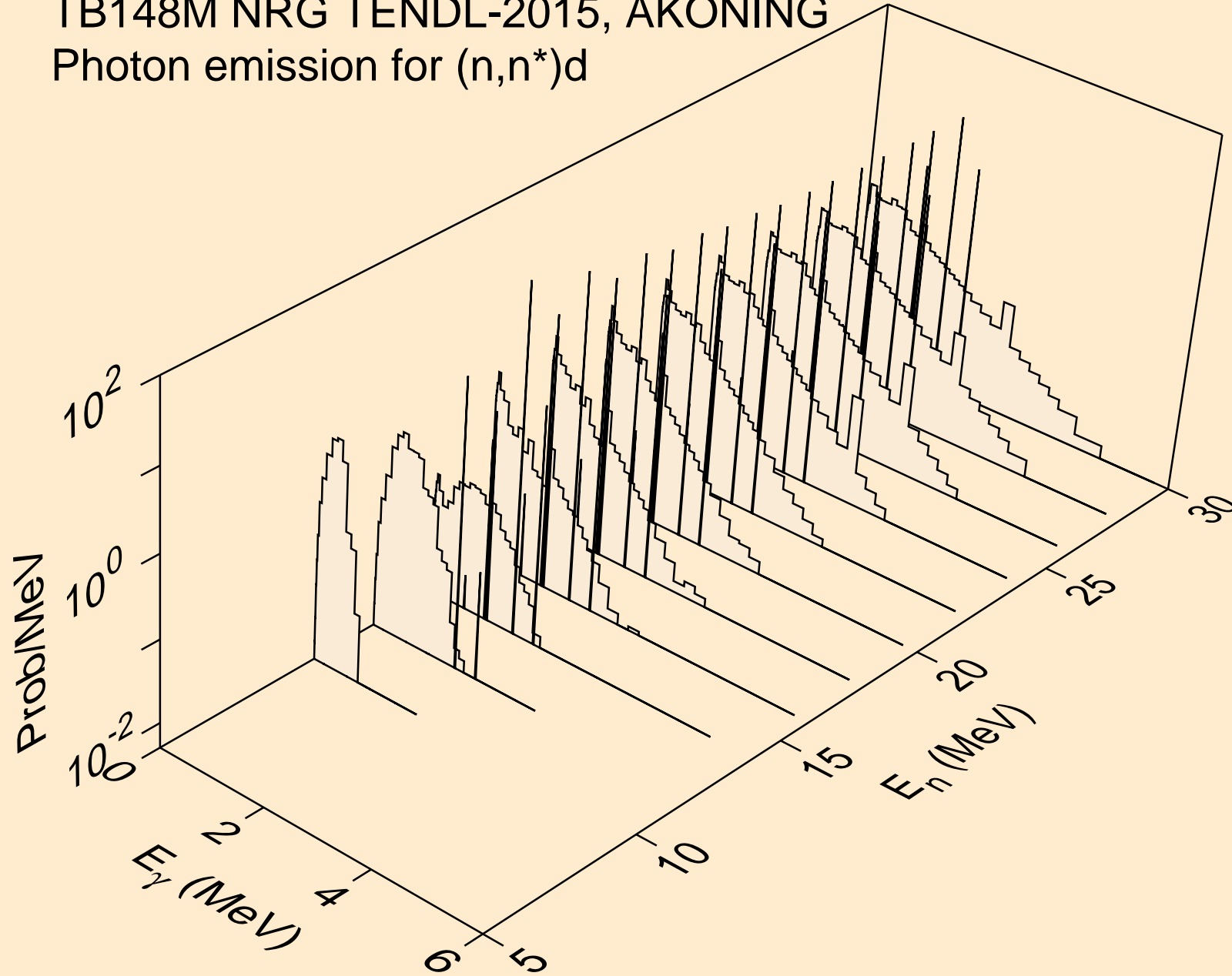
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



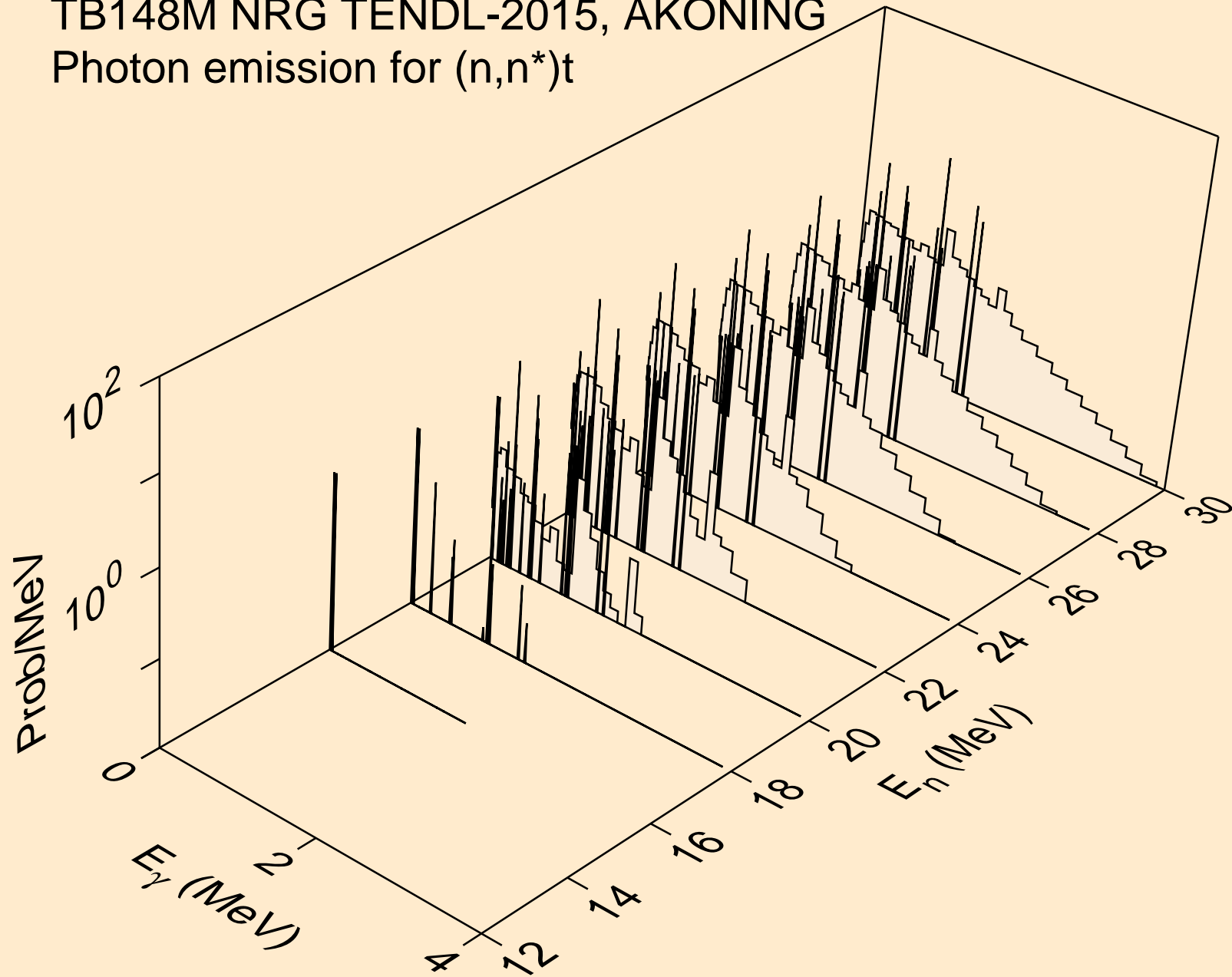
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

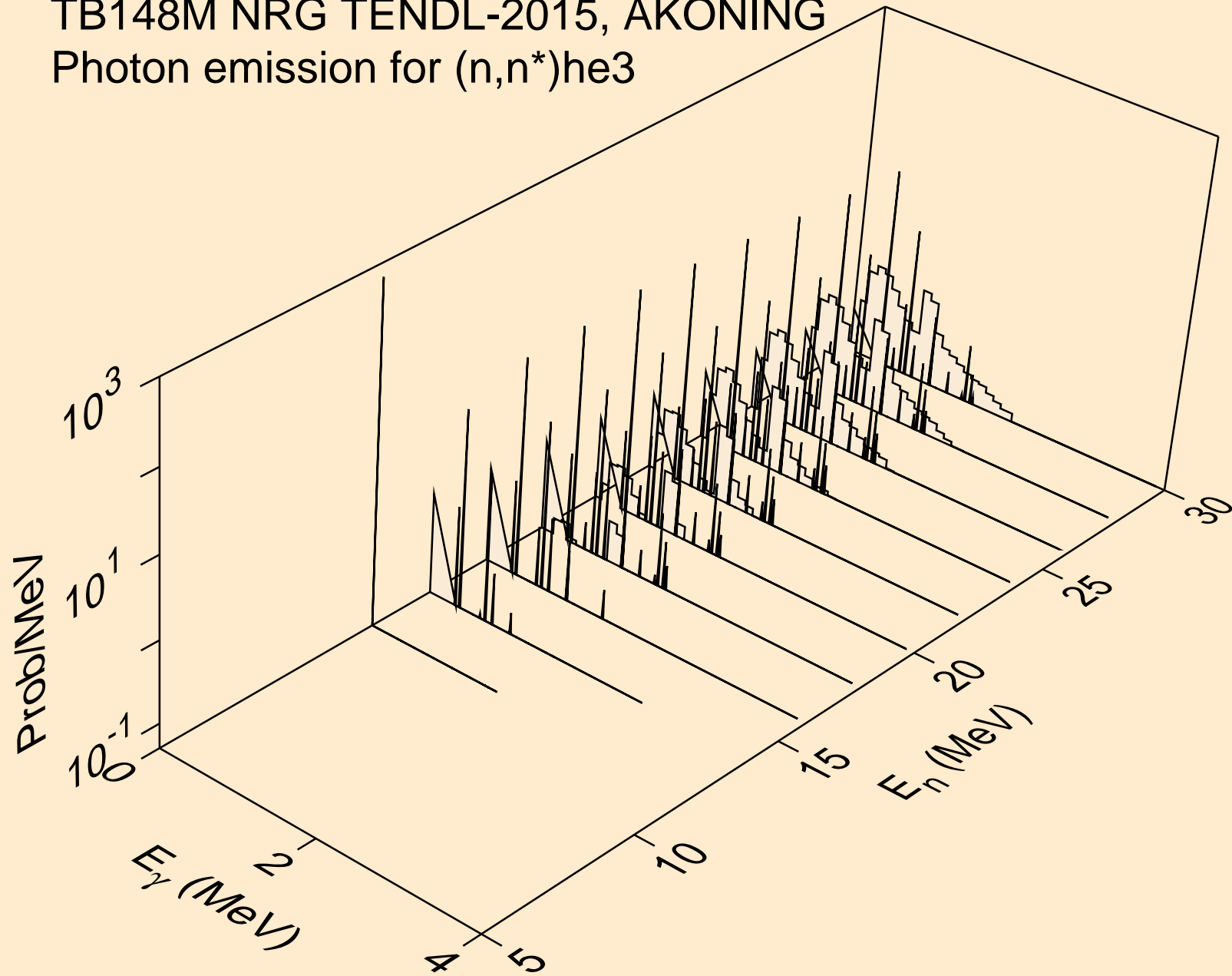


TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

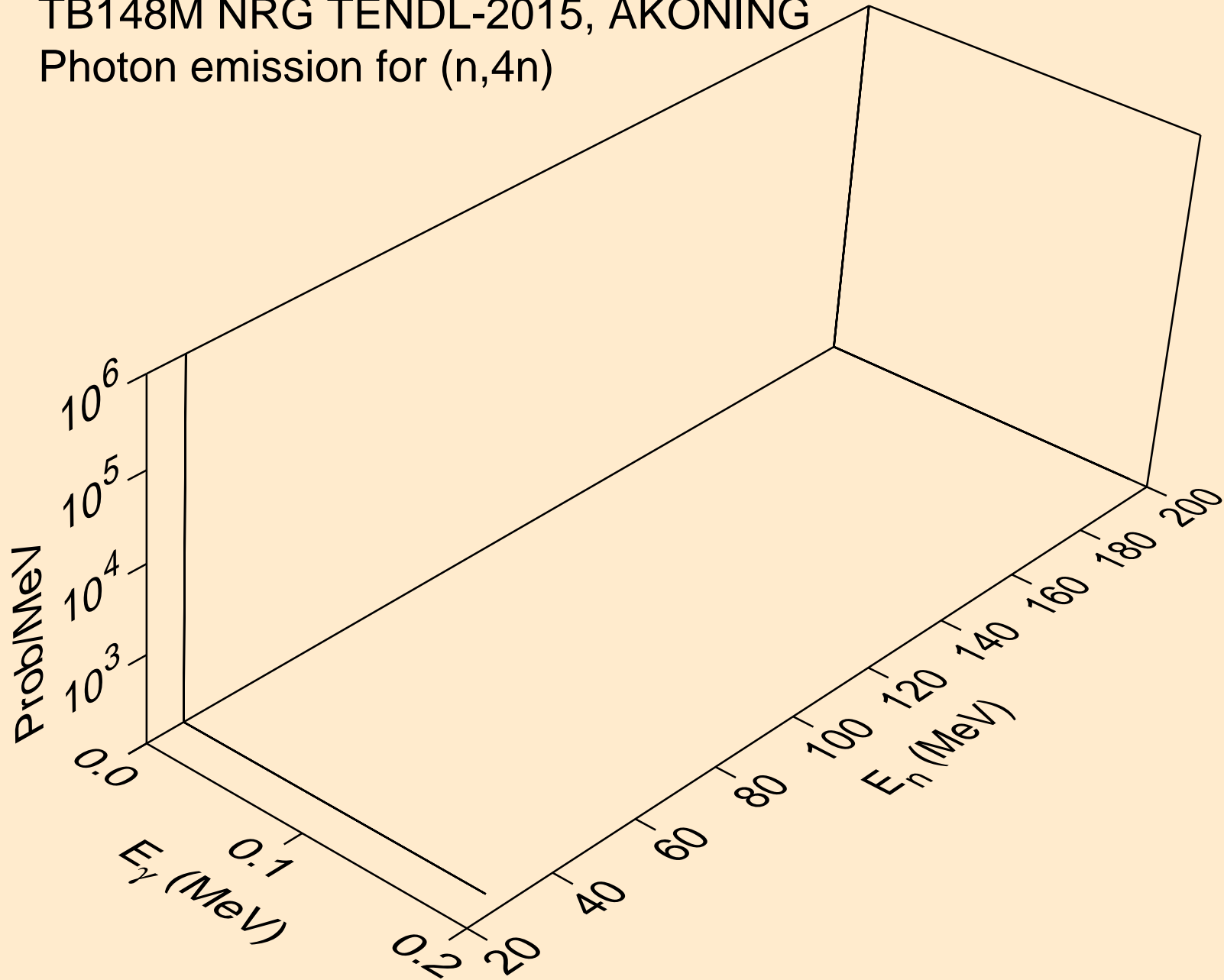




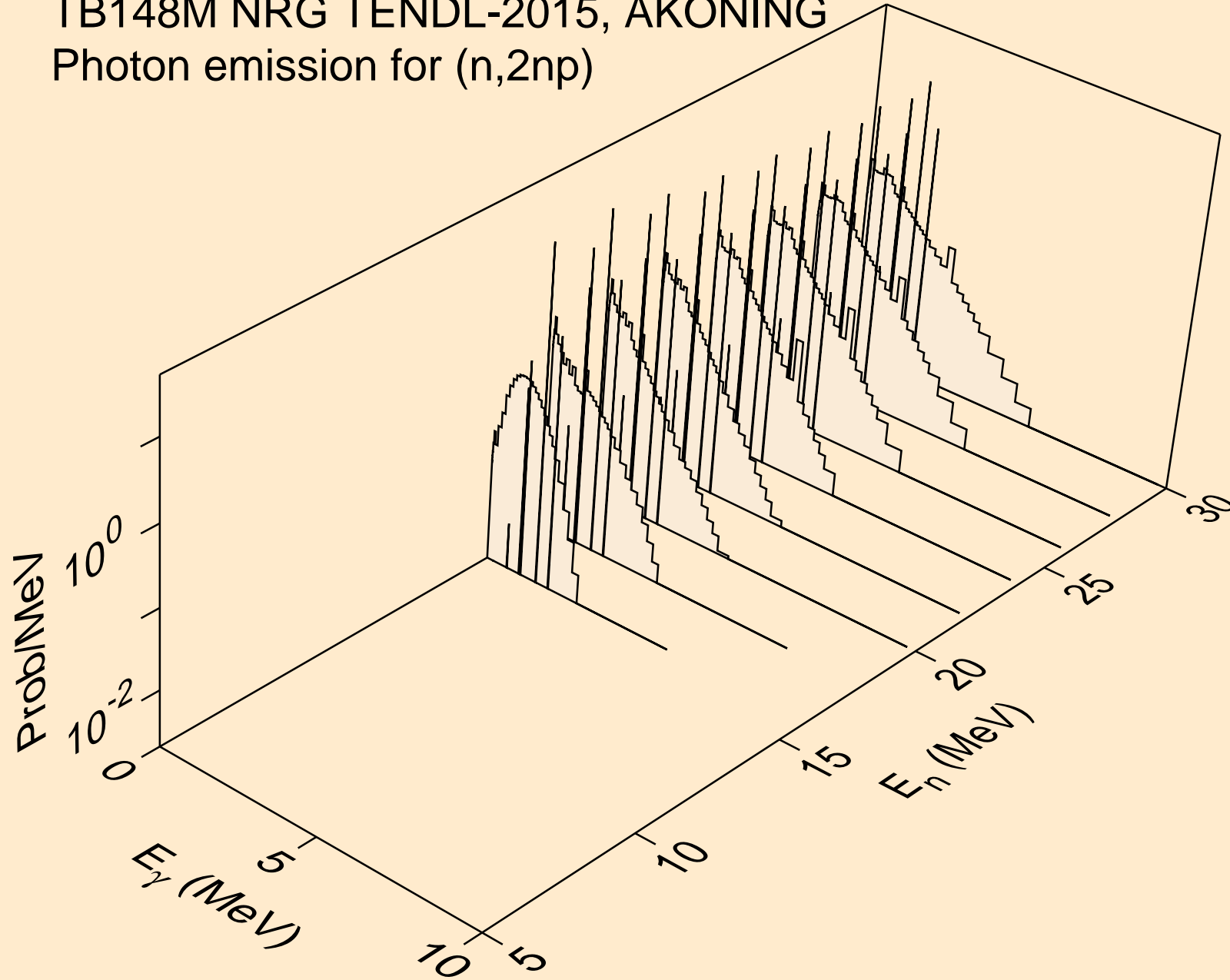
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



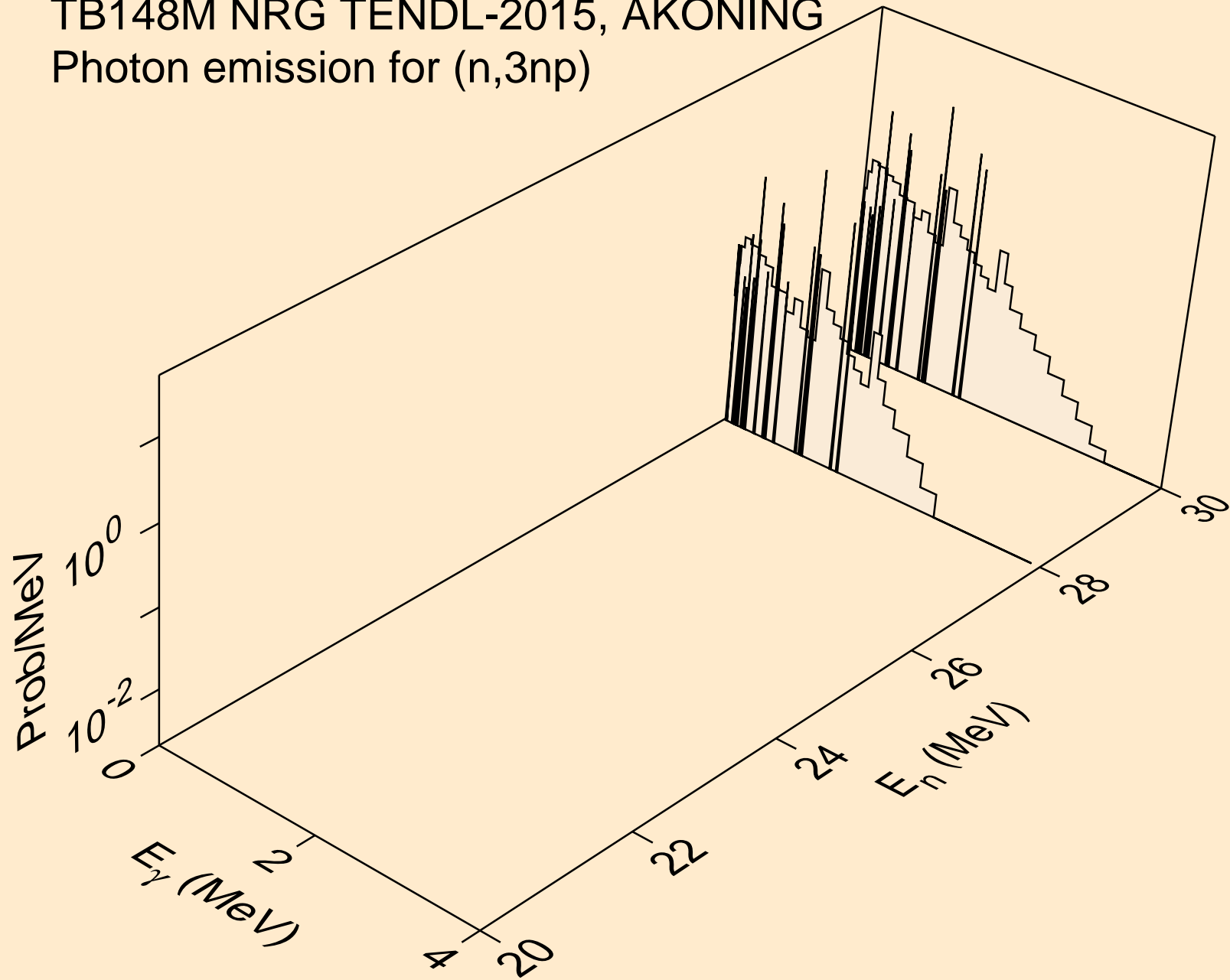
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Photon emission for (n,4n)



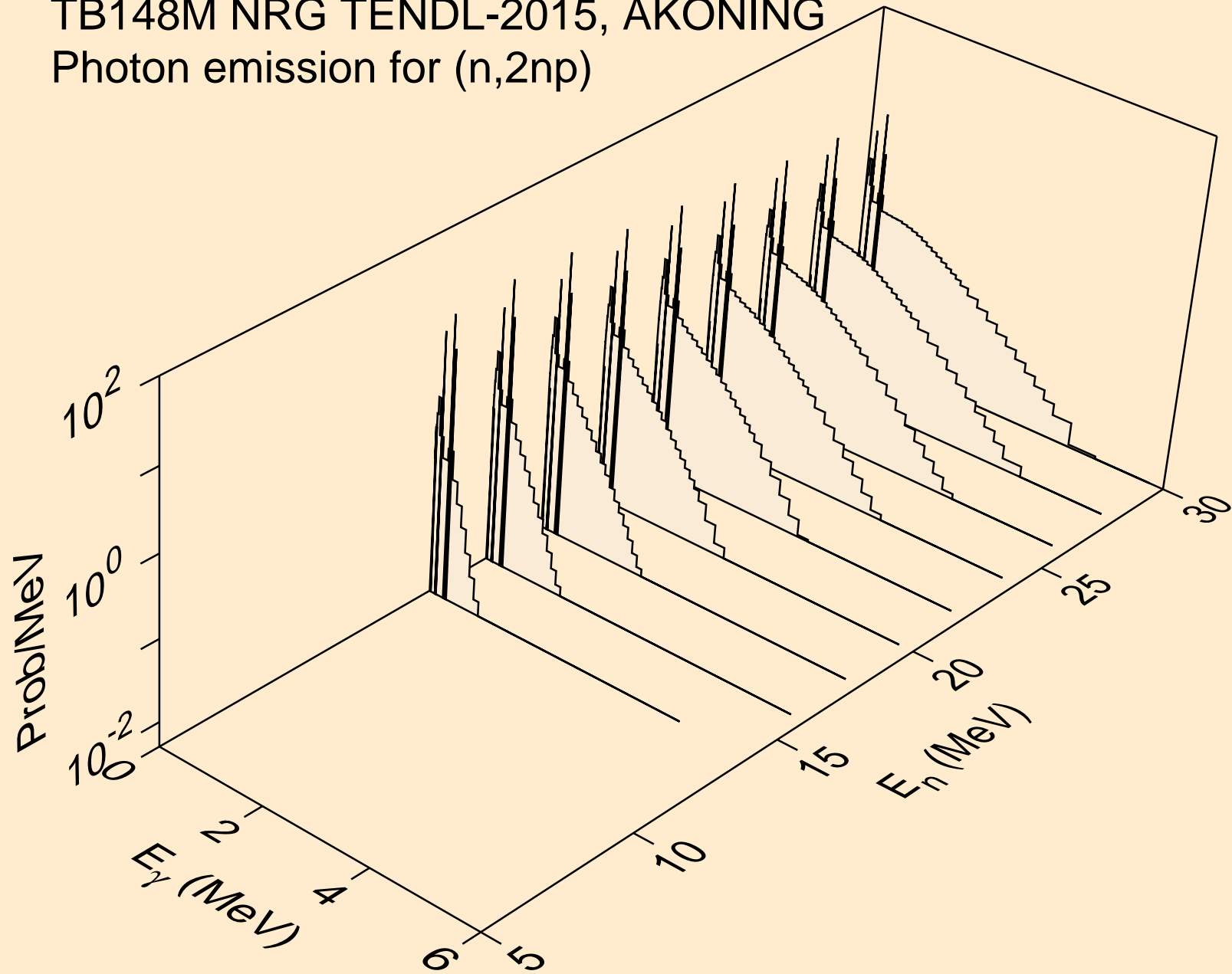
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Photon emission for (n,2np)



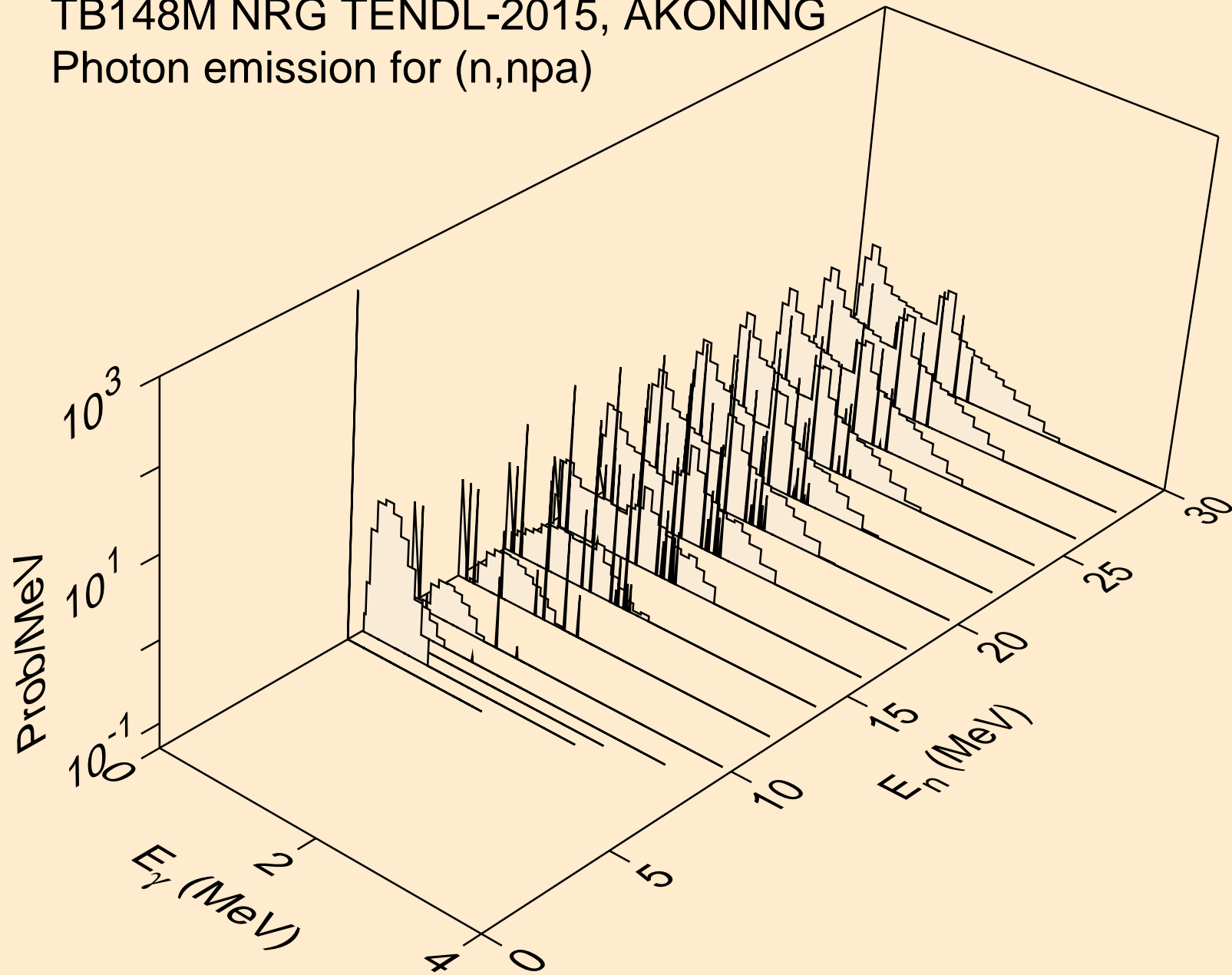
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



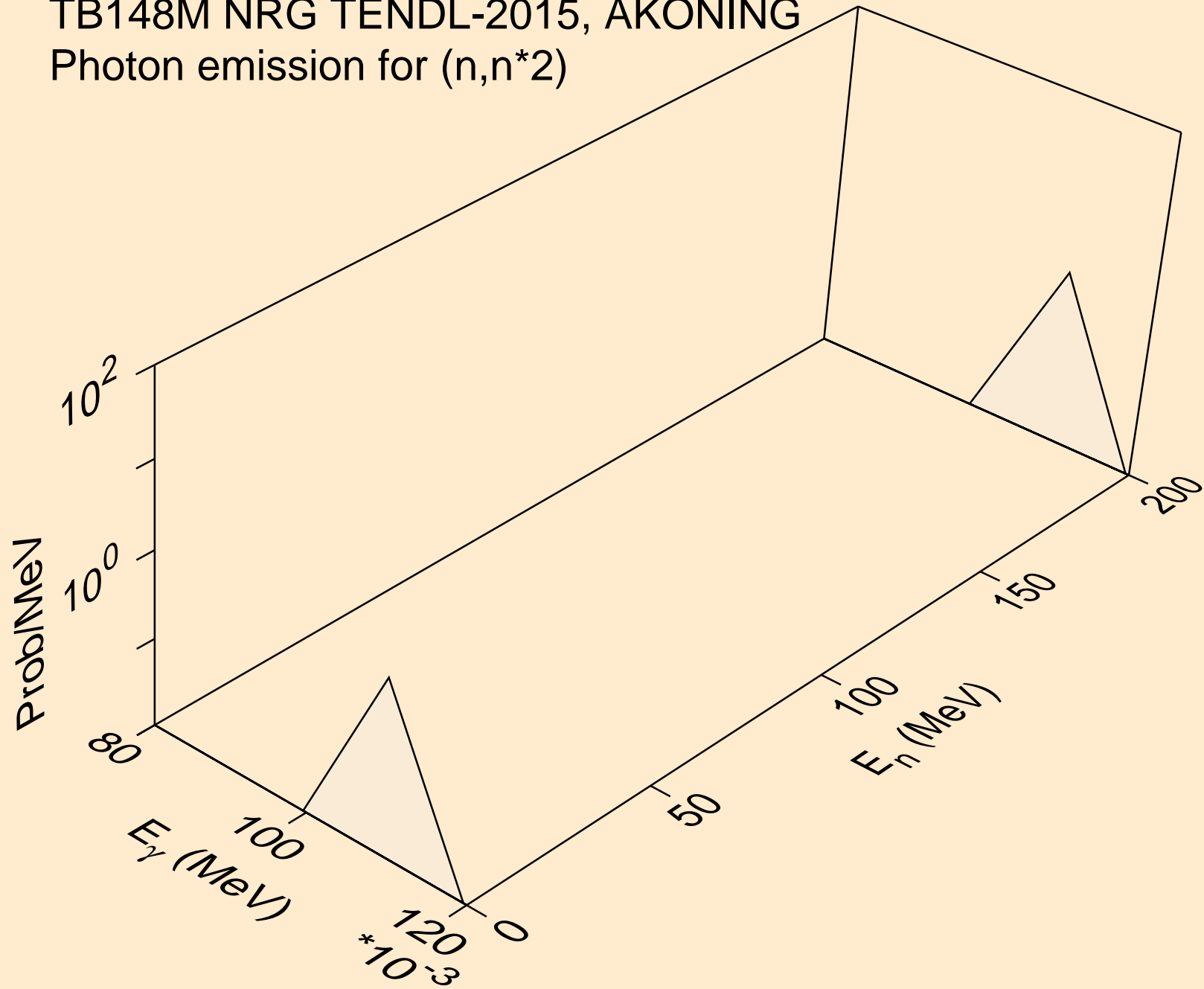
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Photon emission for (n,2np)



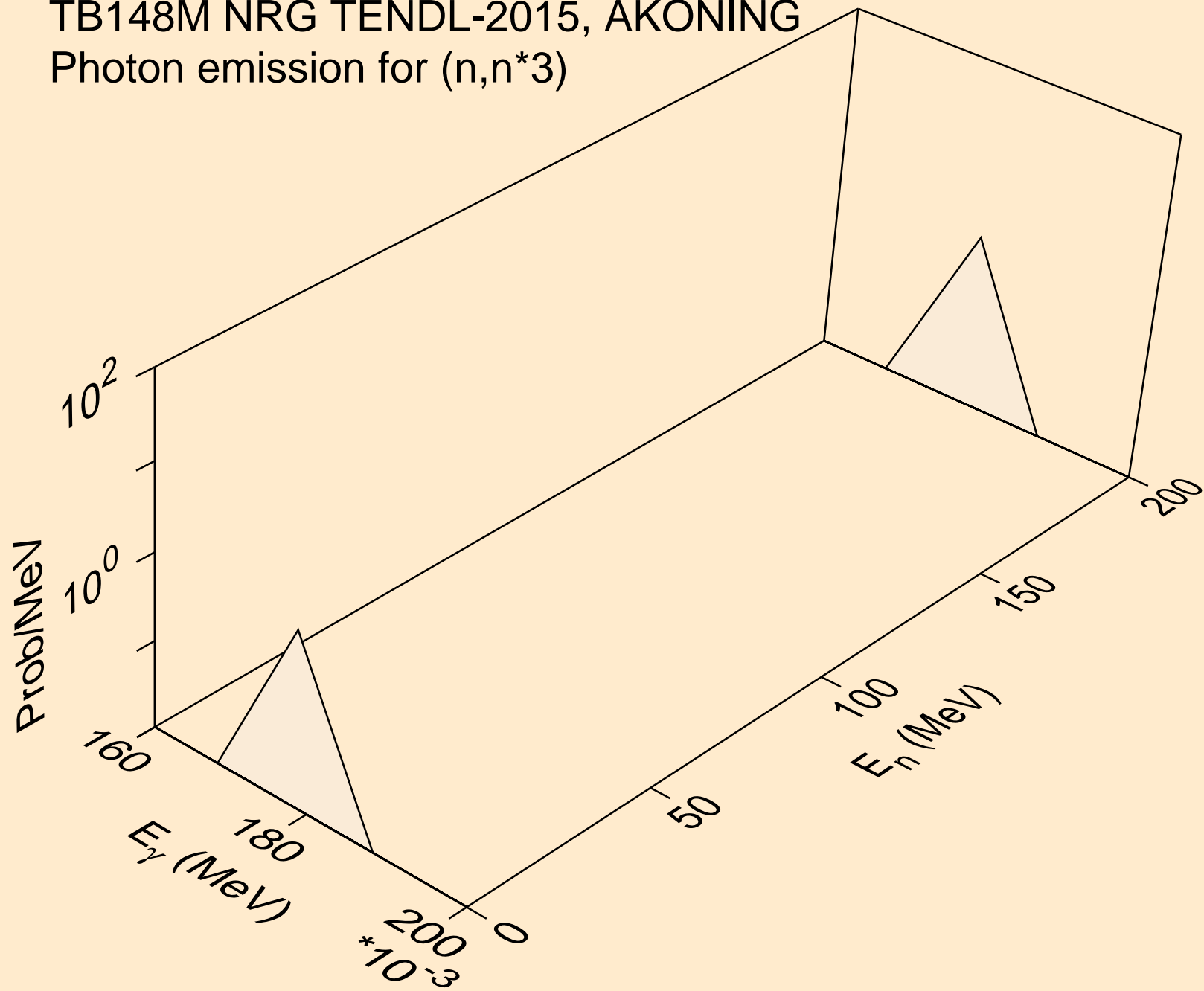
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)

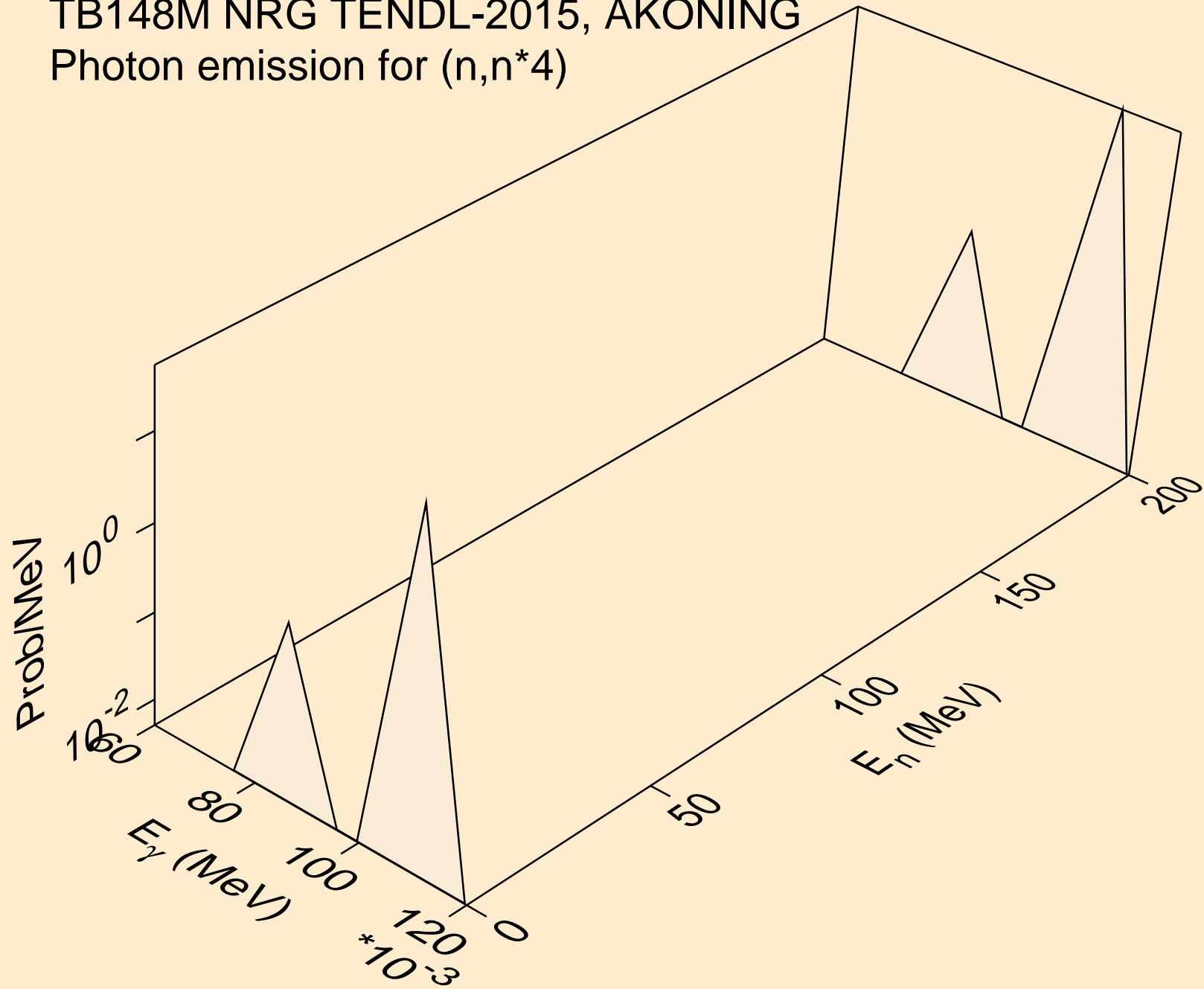


TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

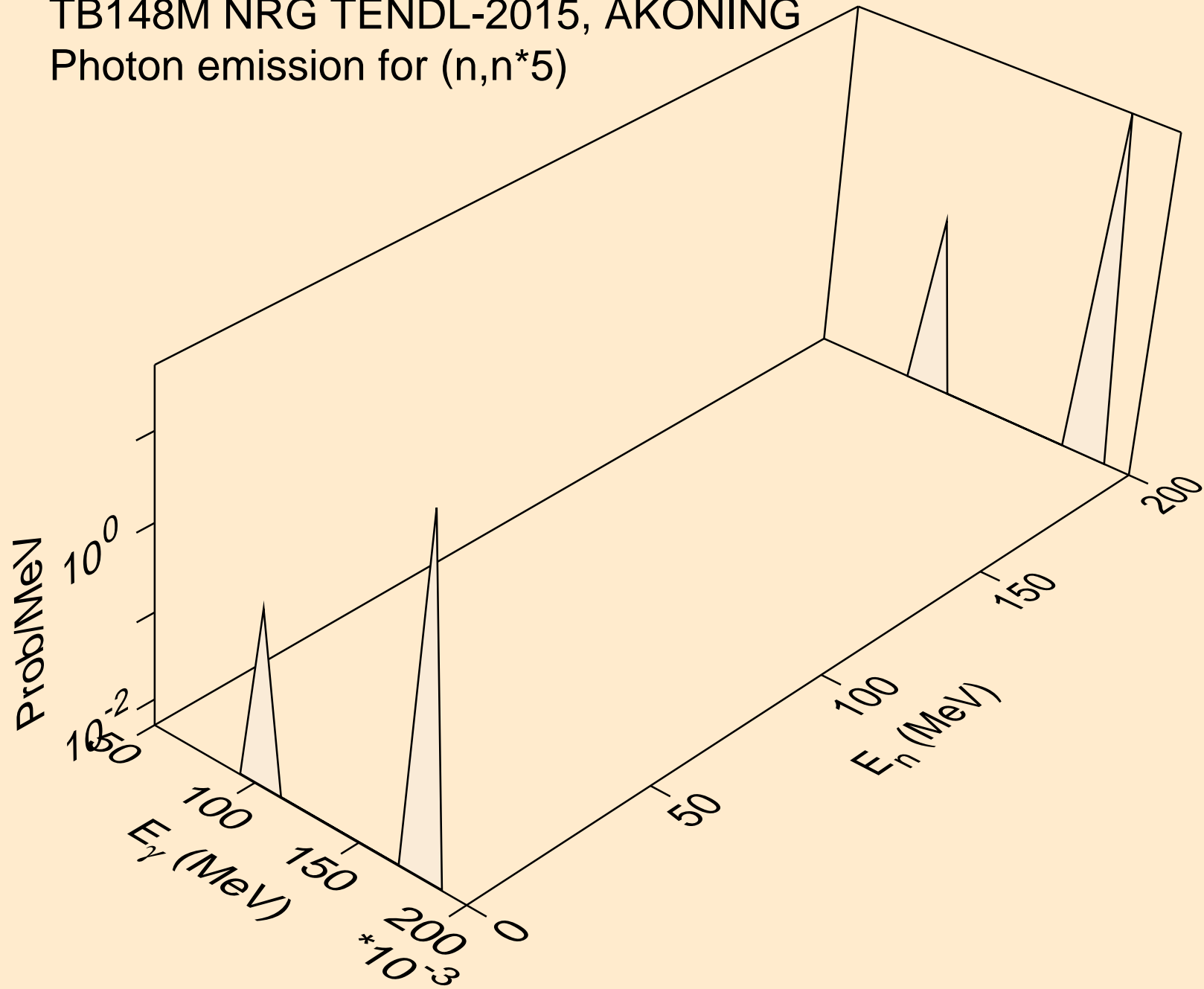




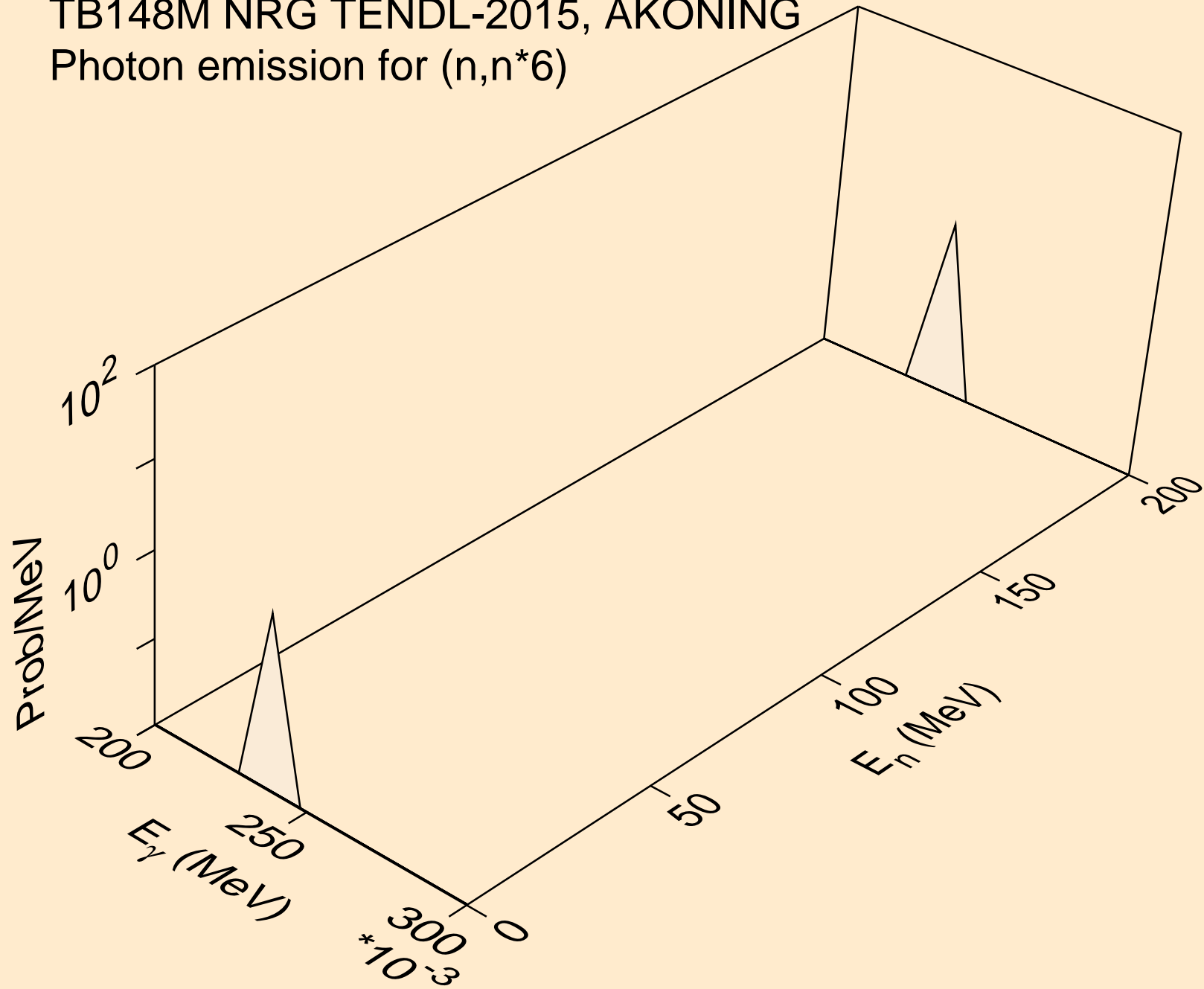
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



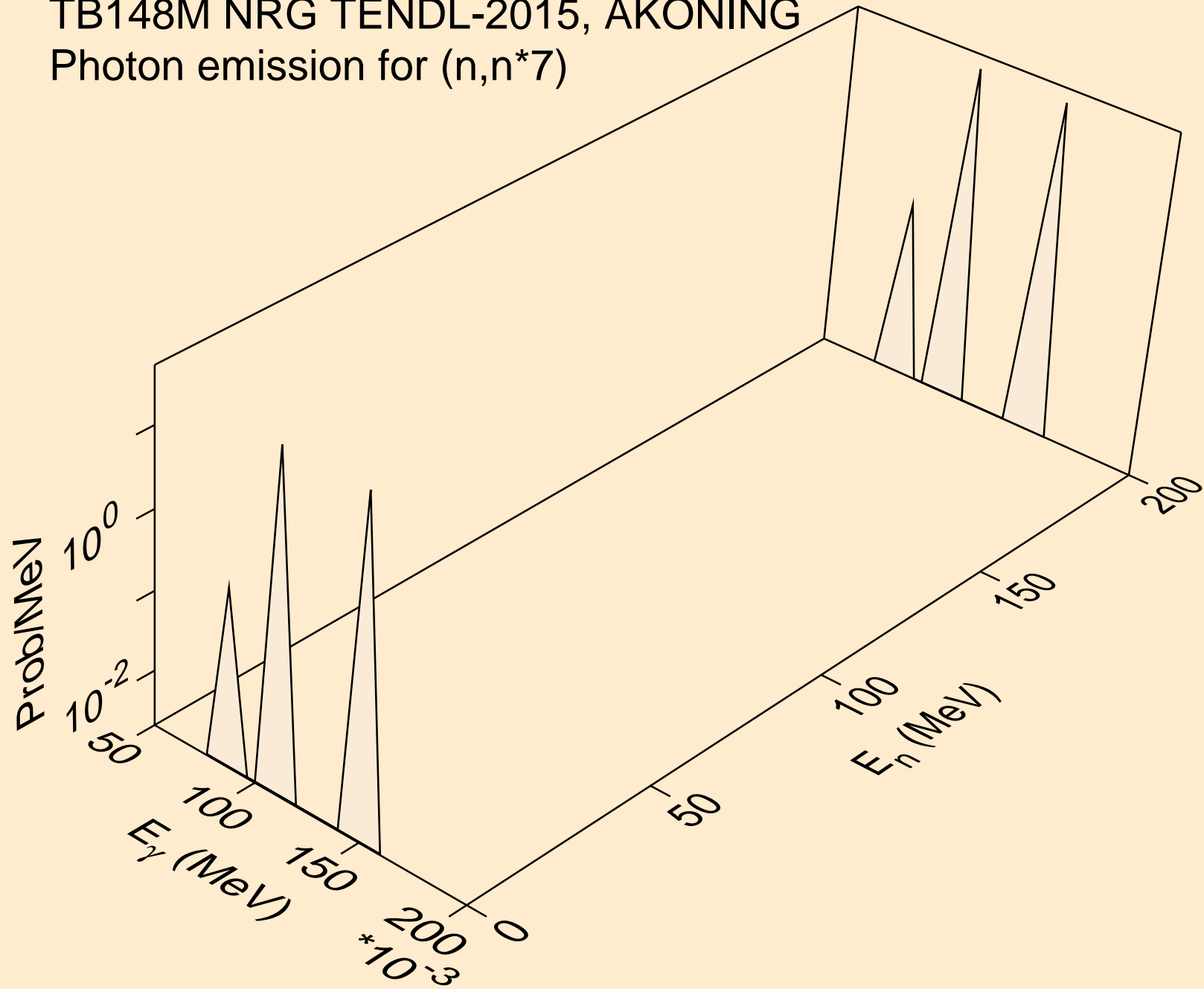
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



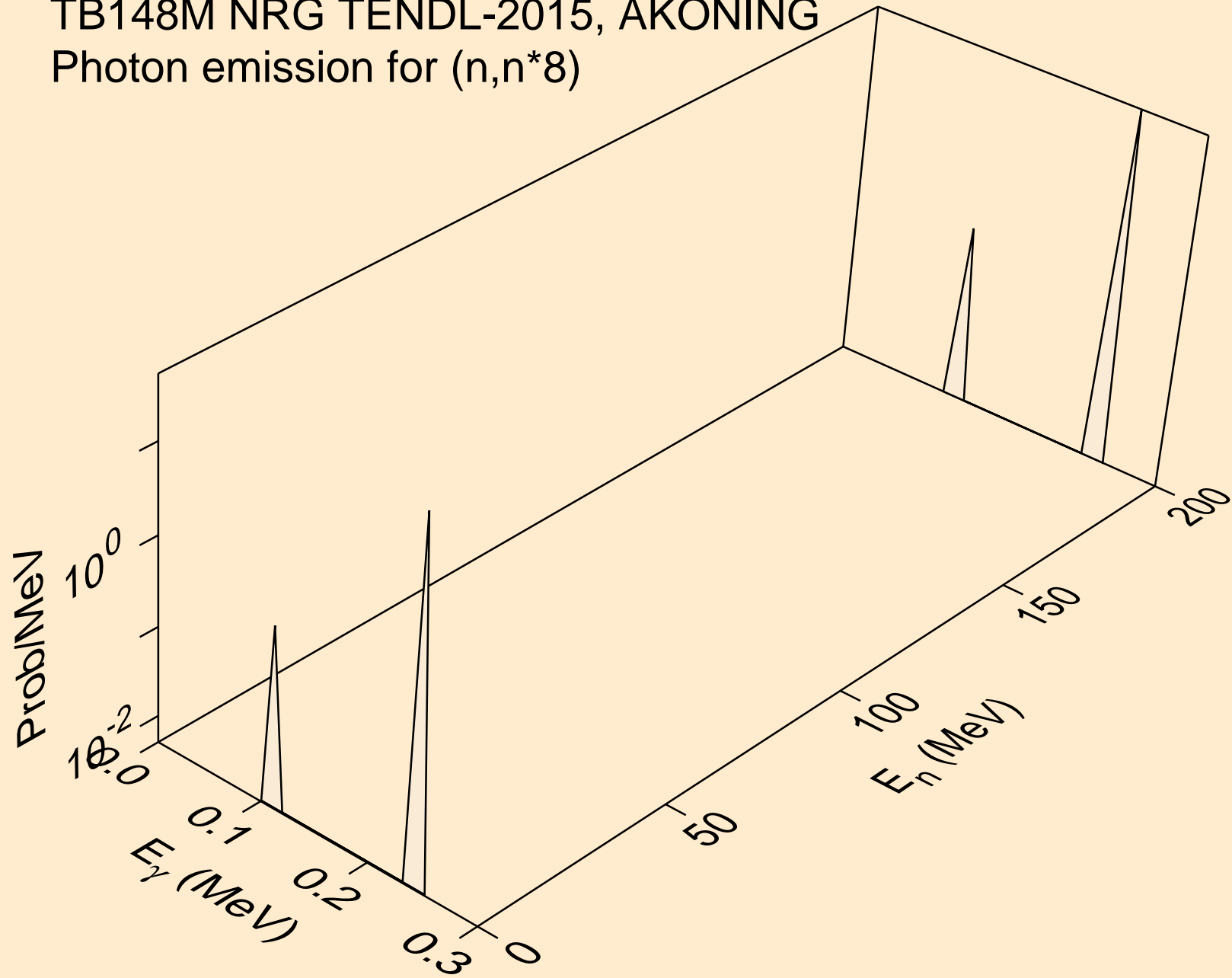
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



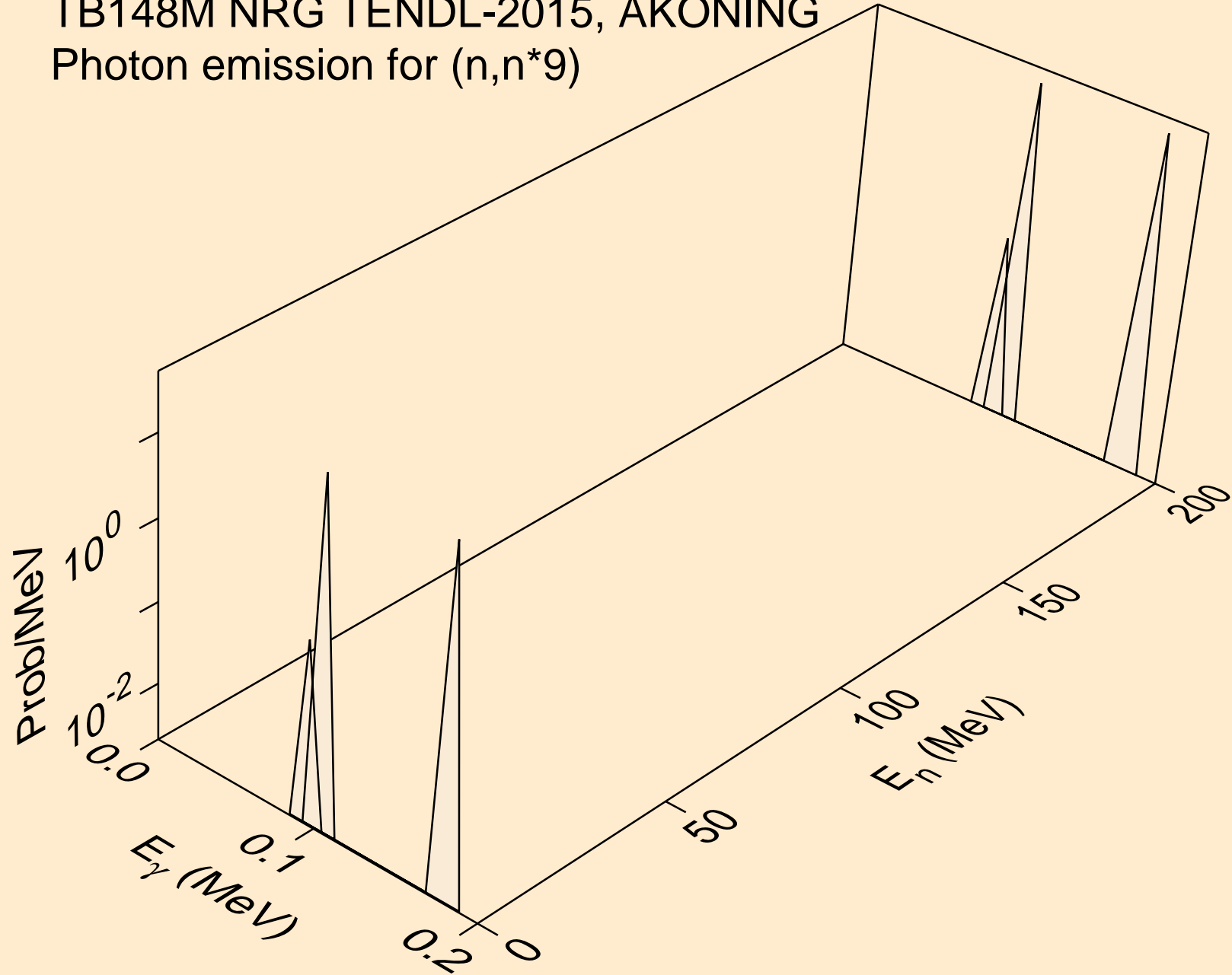
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



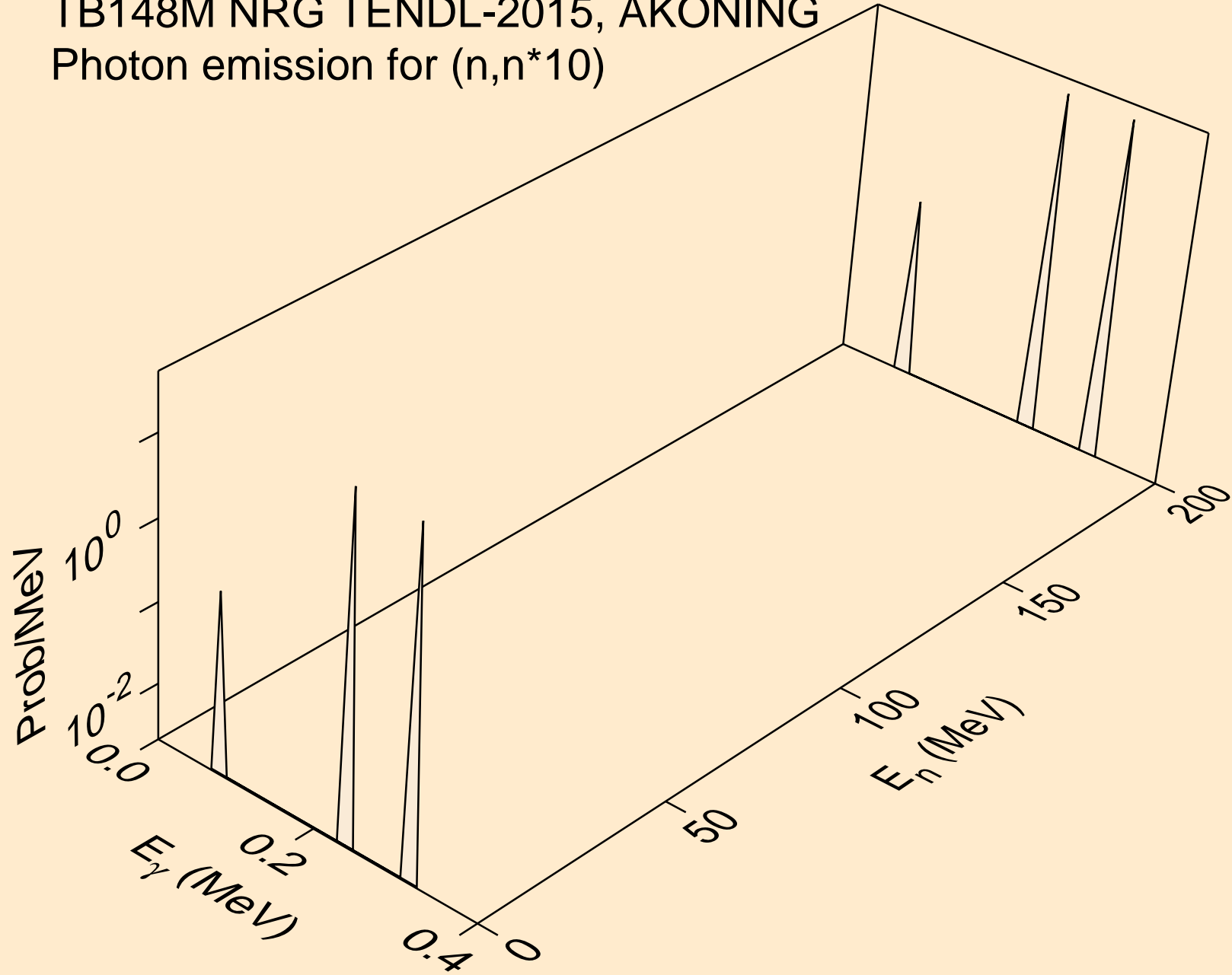
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



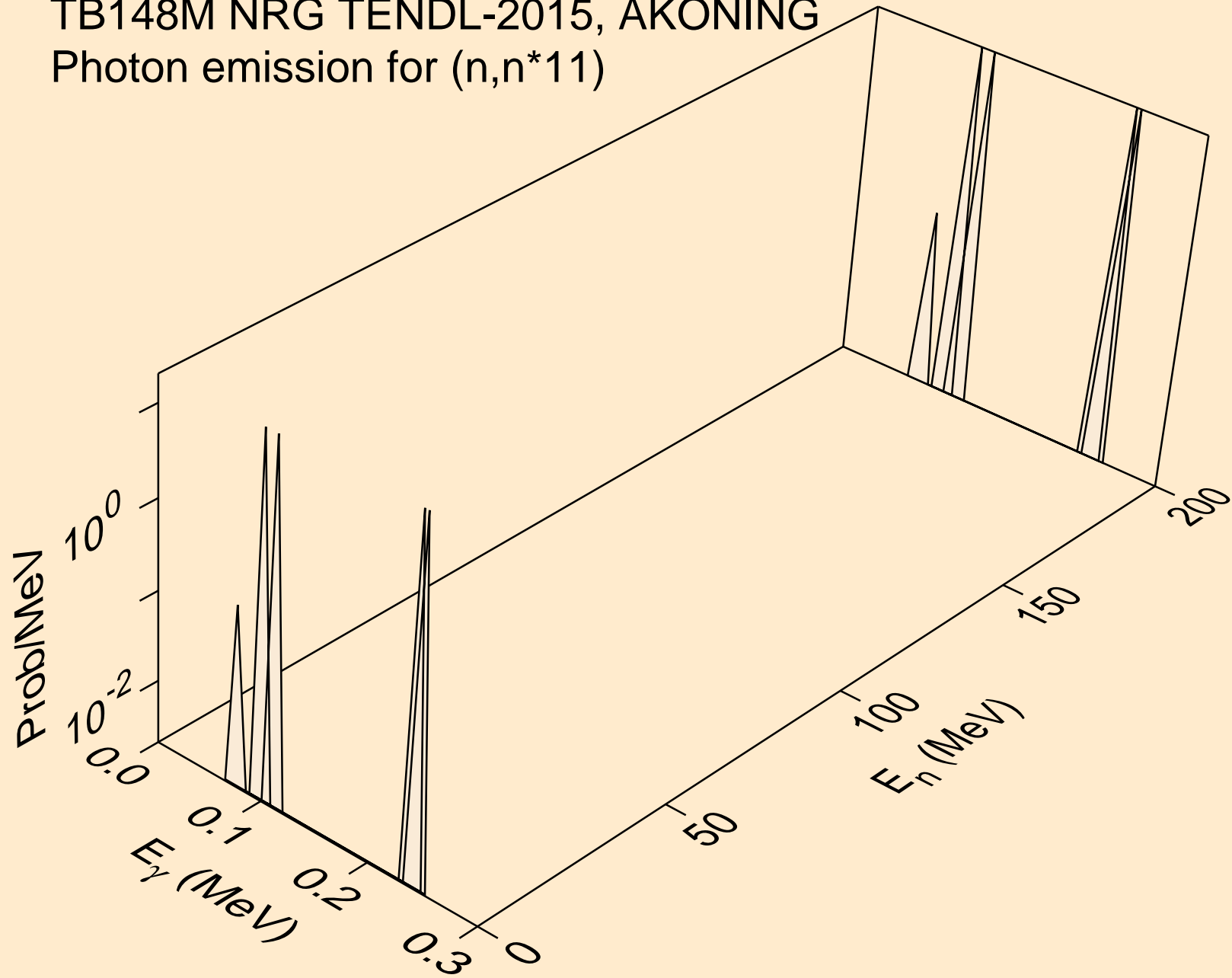
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)

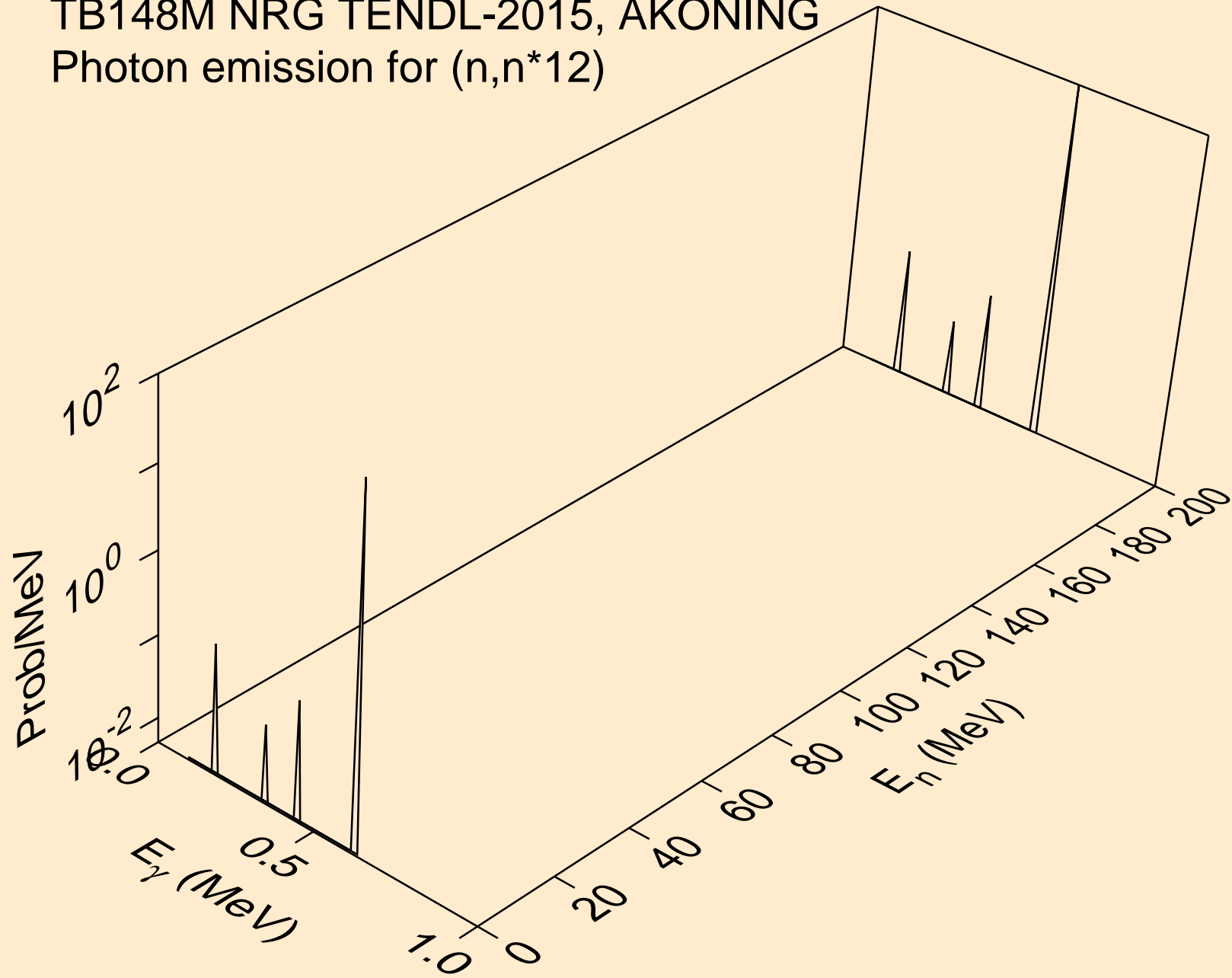


TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)

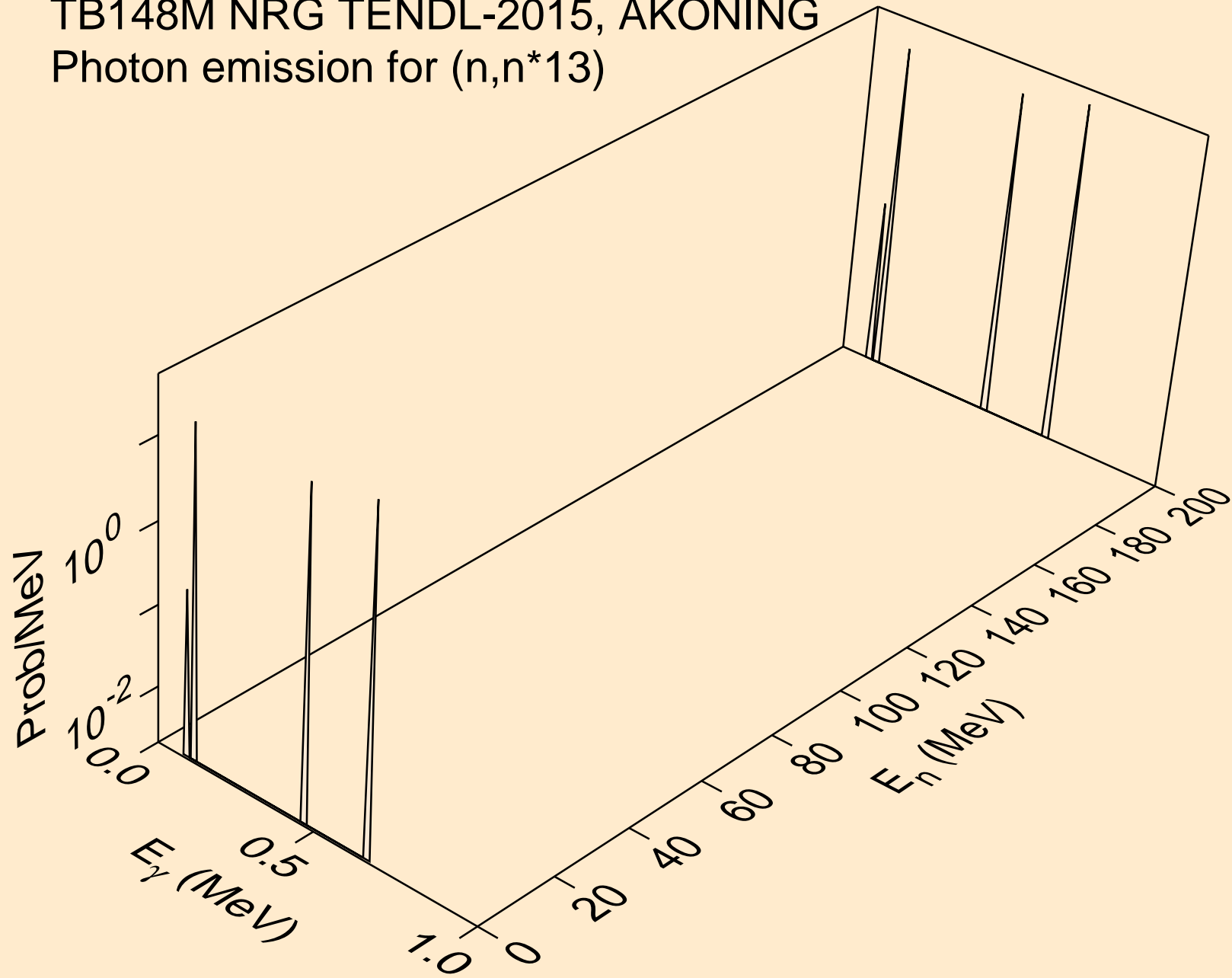




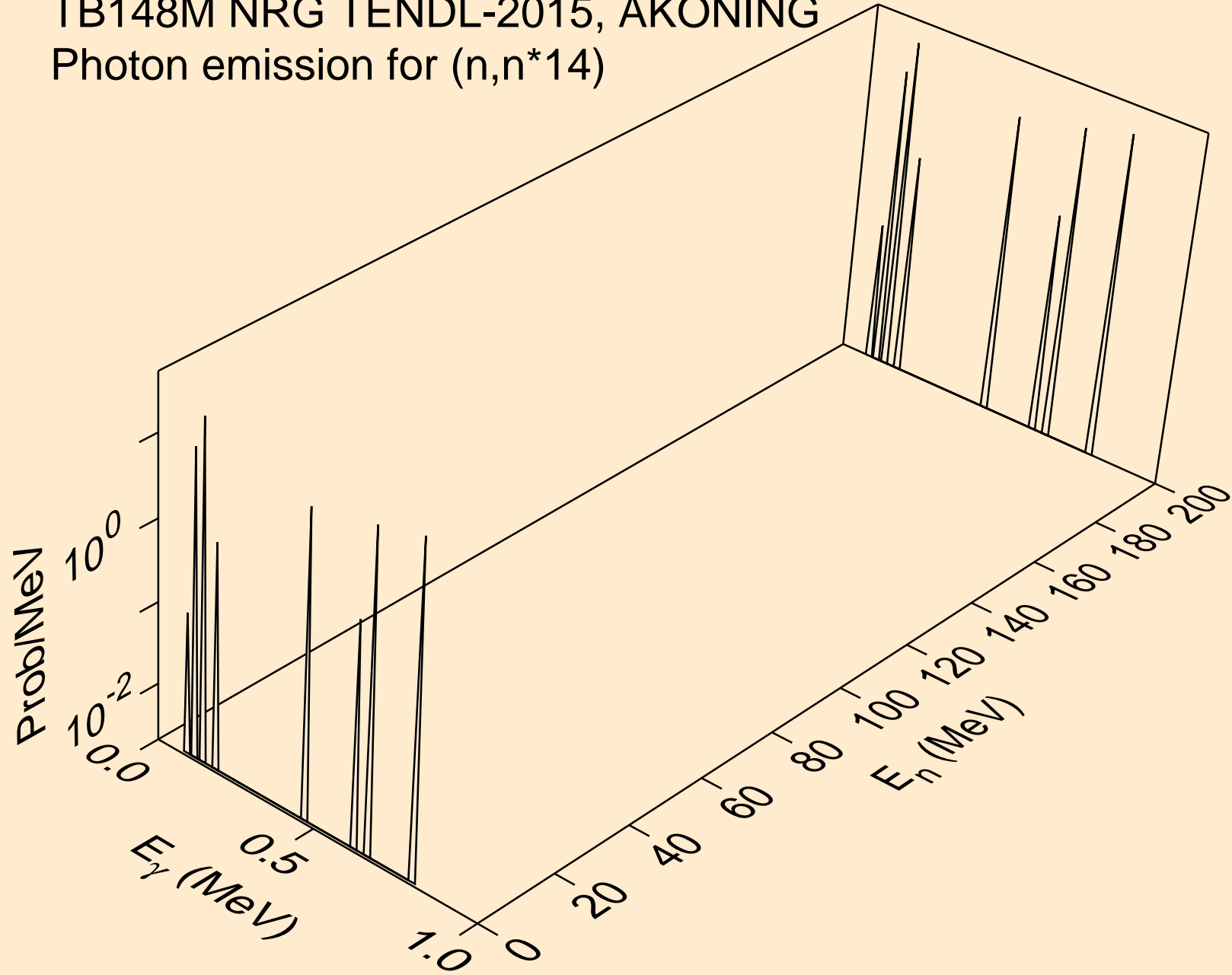
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Photon emission for (n,n\*12)



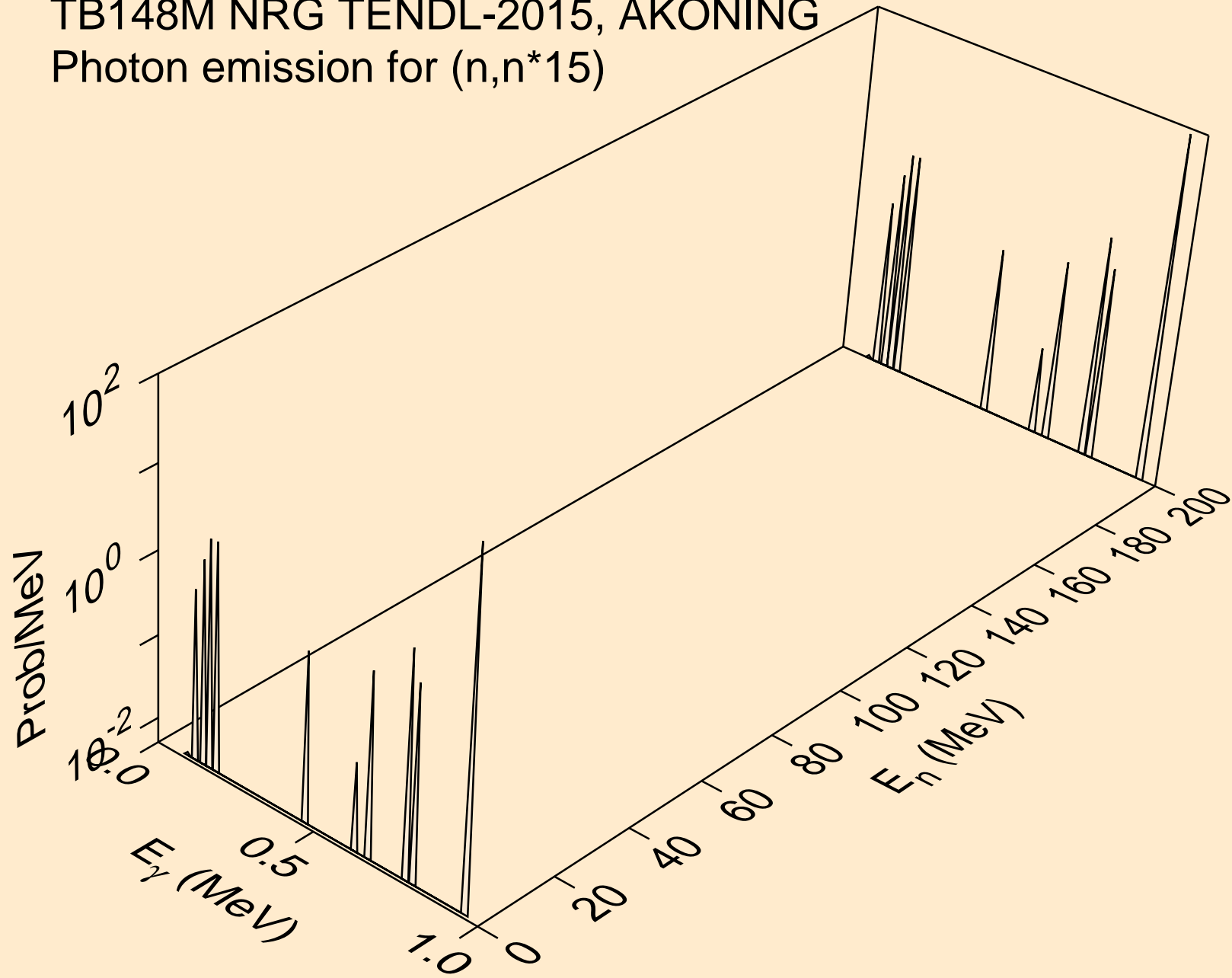
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Photon emission for (n,n\*13)



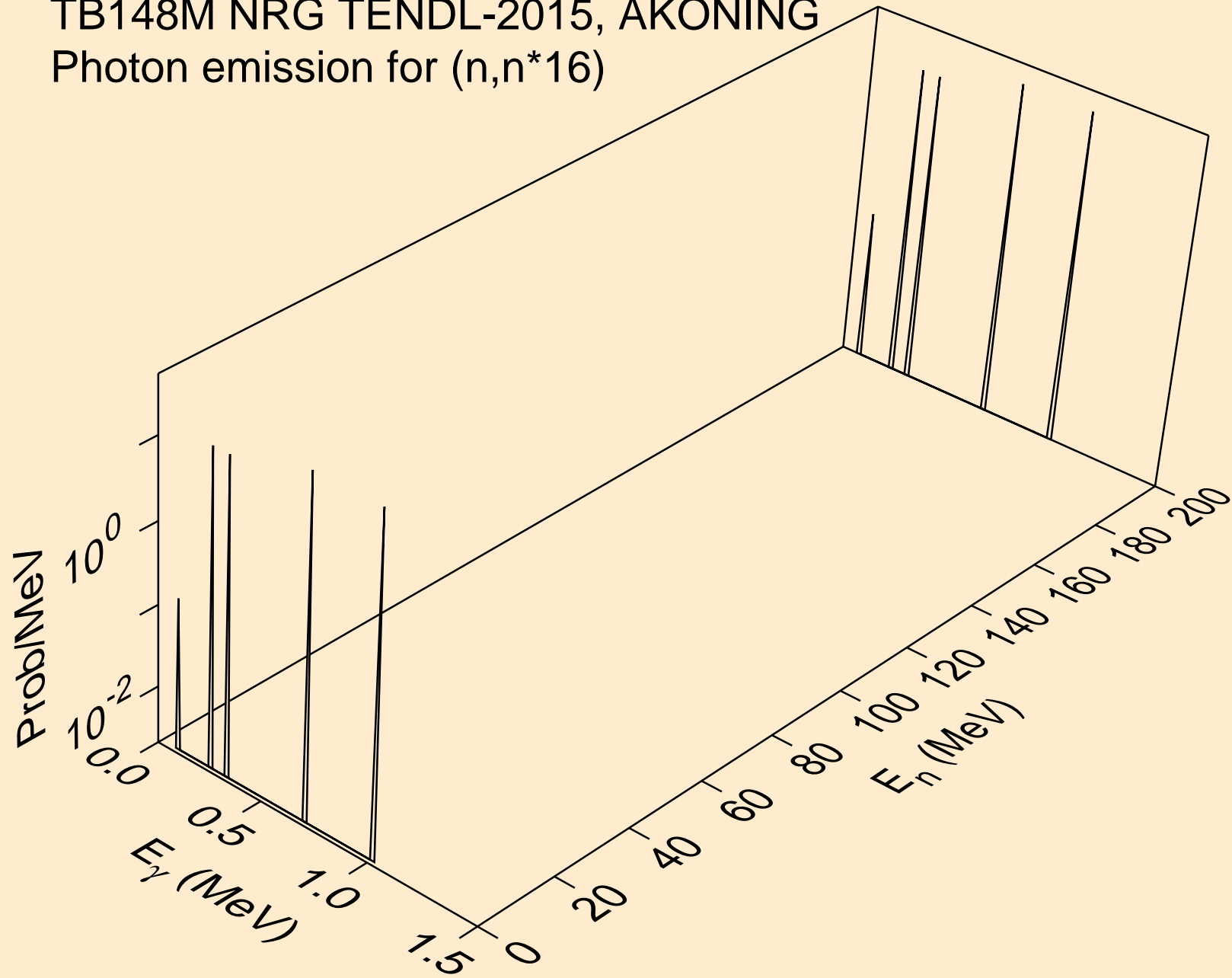
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Photon emission for (n,n\*14)



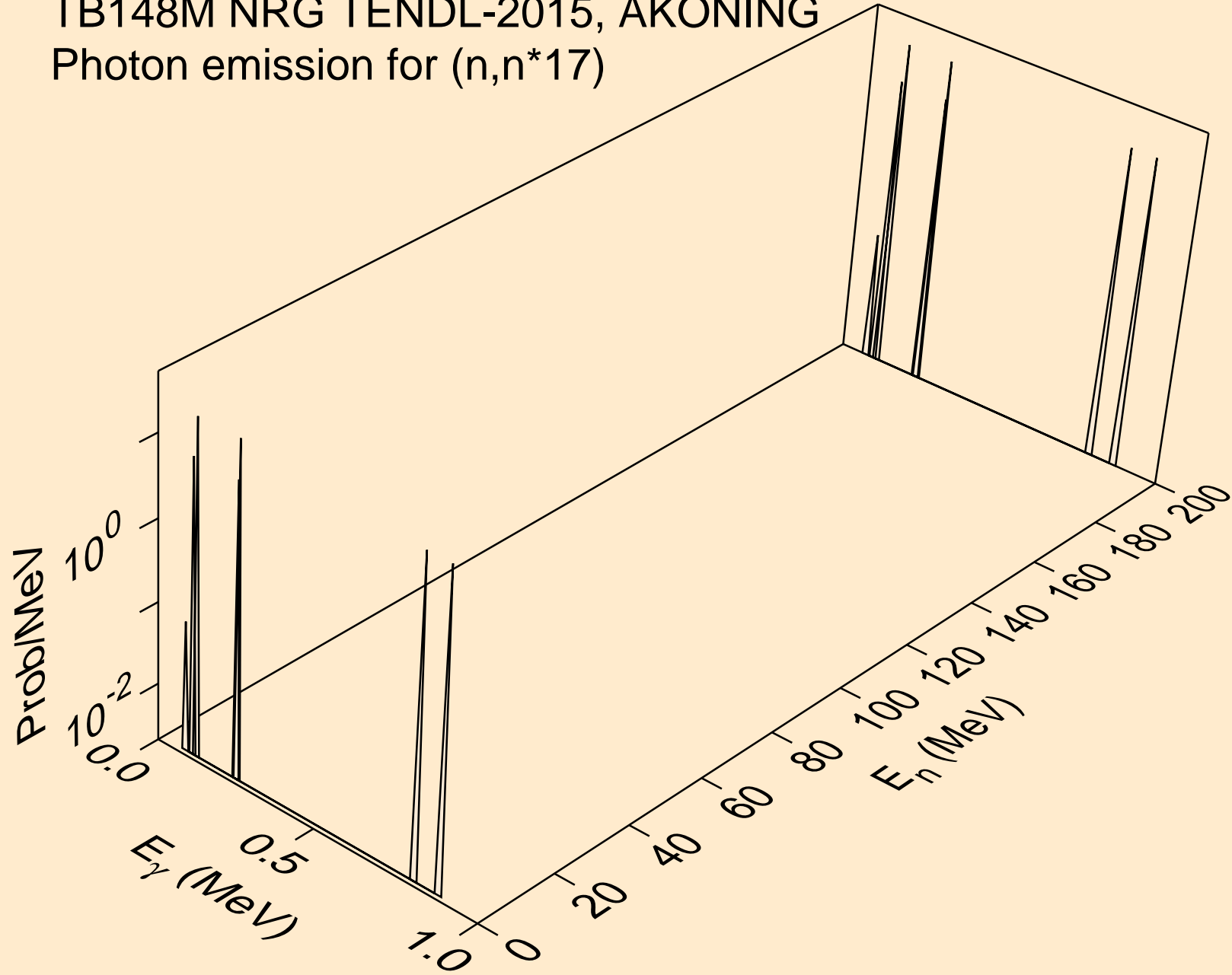
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)



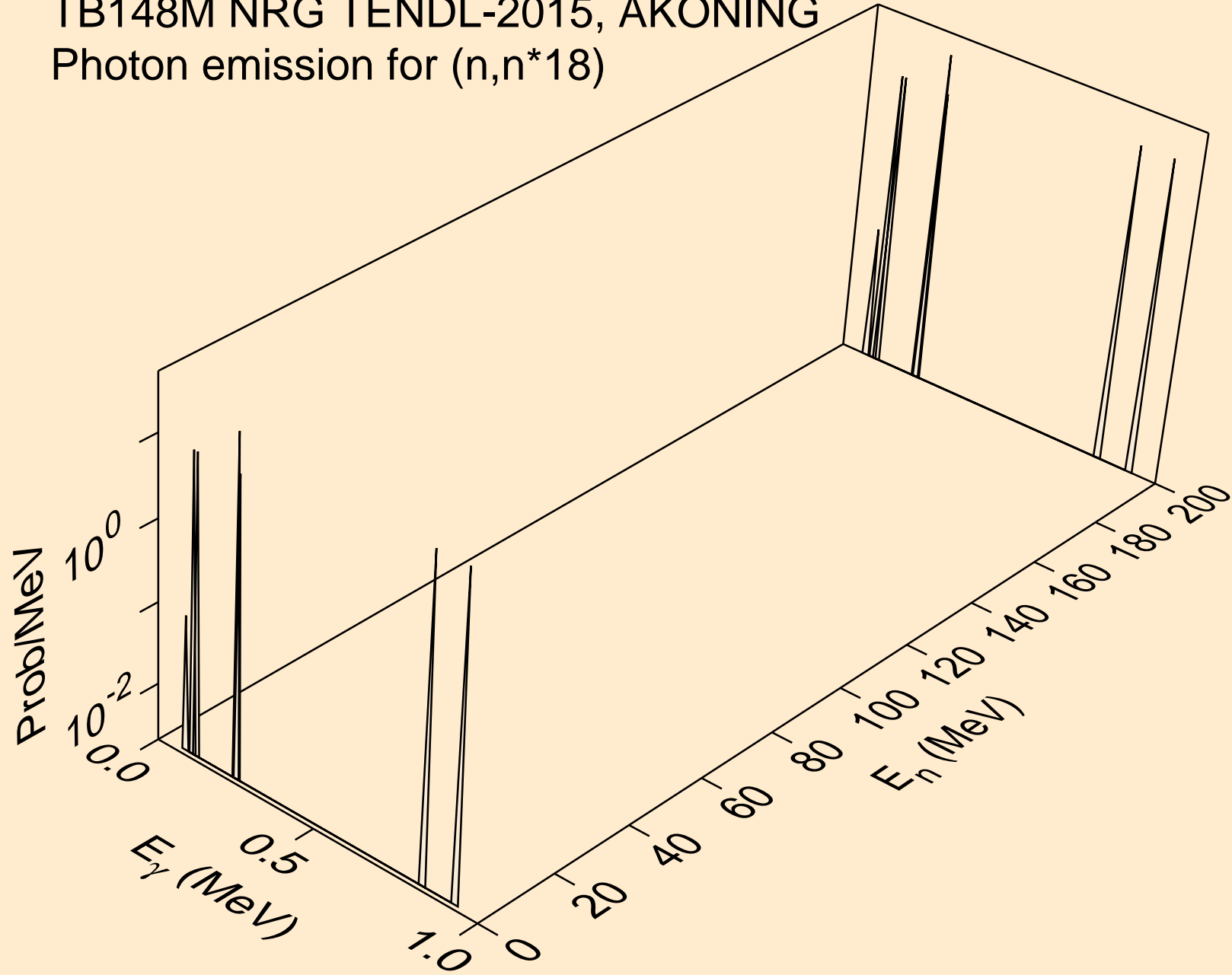
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)



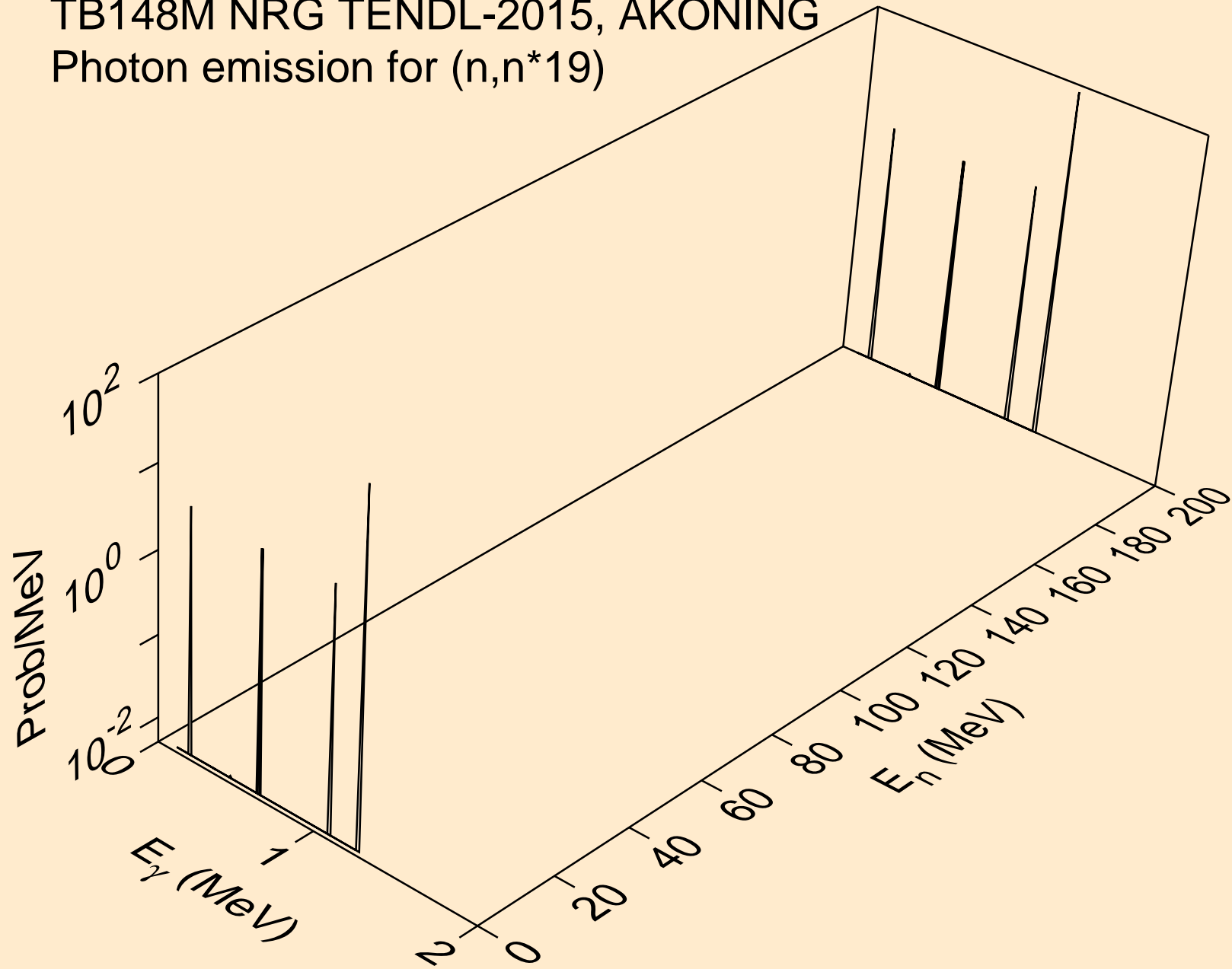
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)



TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)

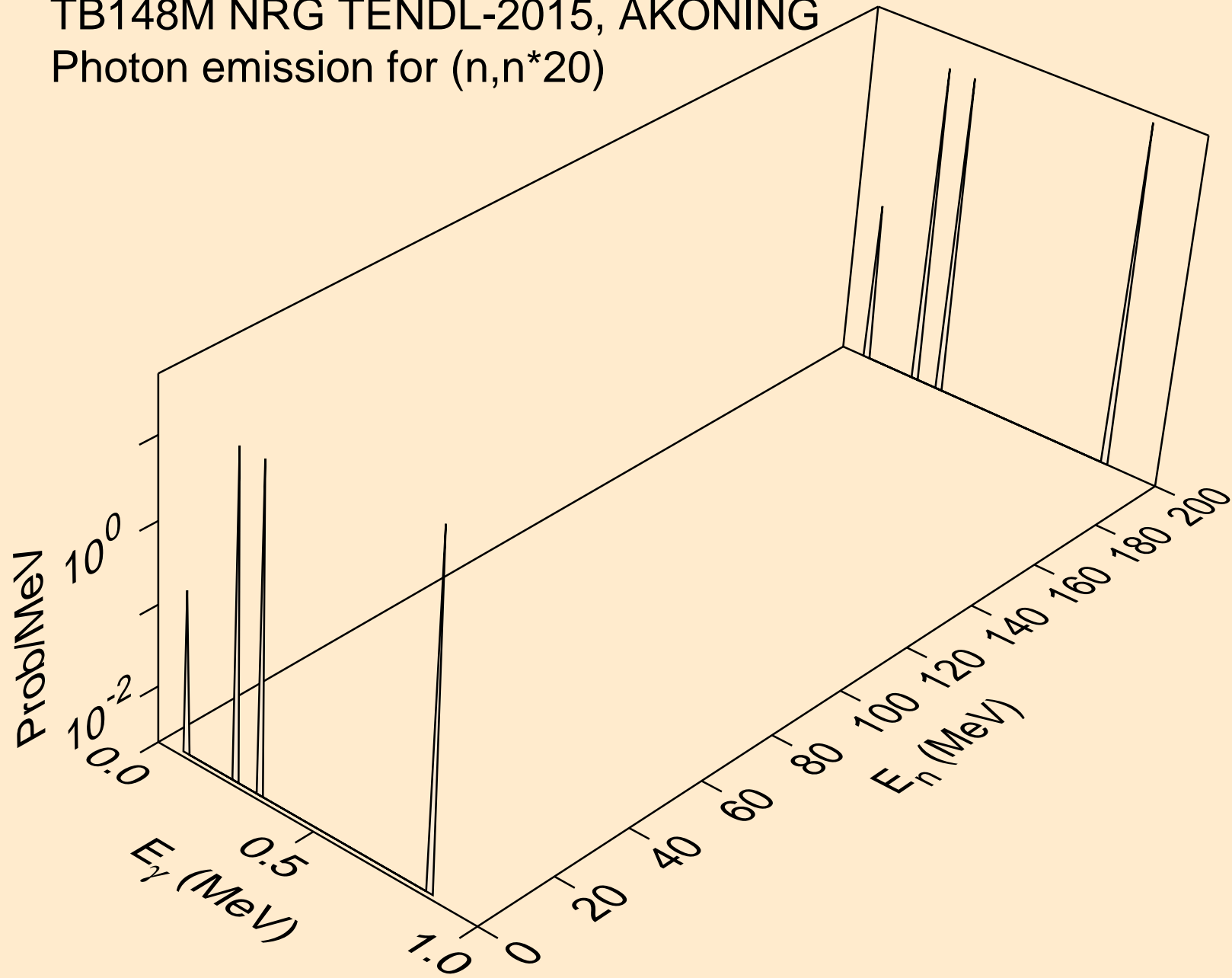


TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)

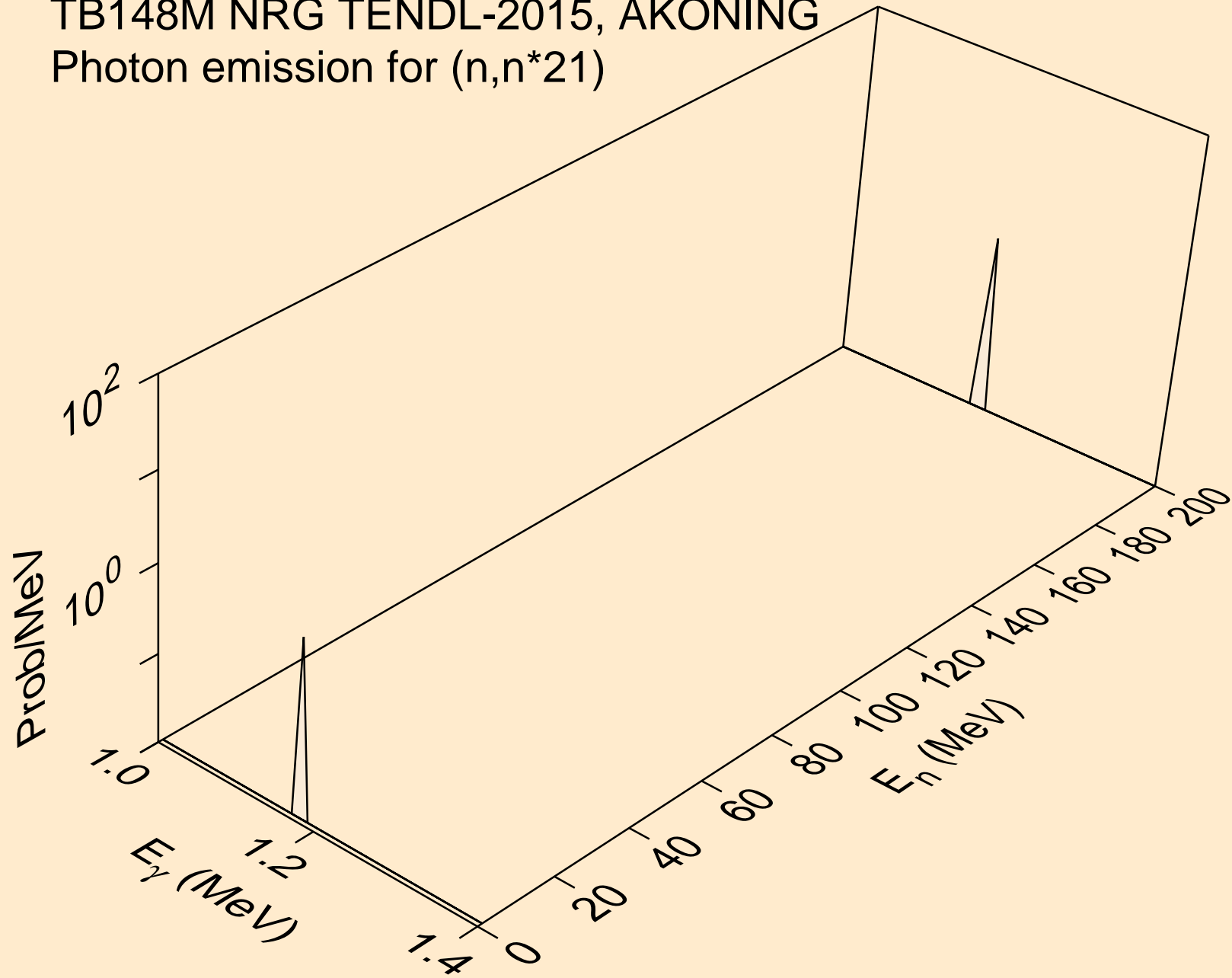




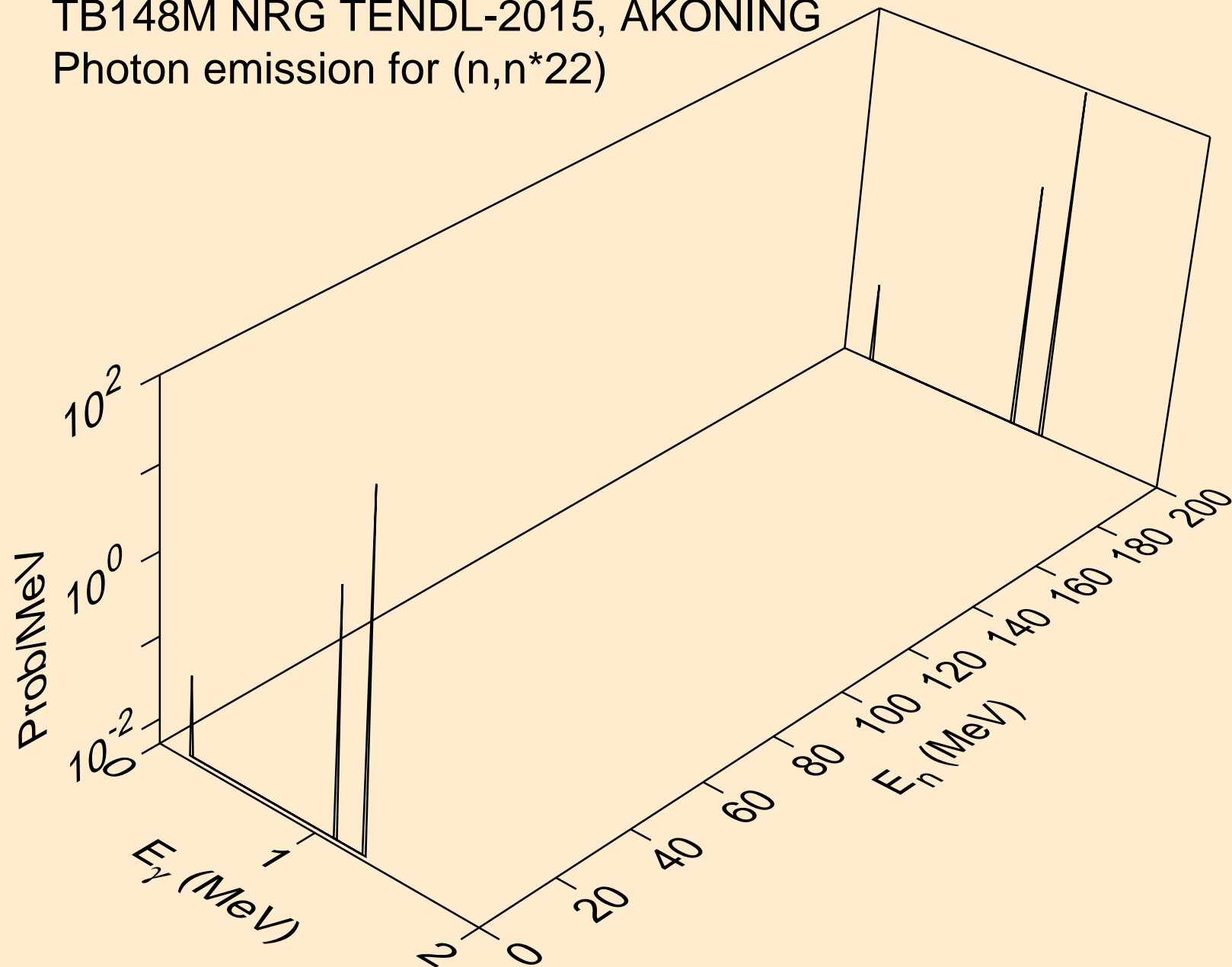
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)



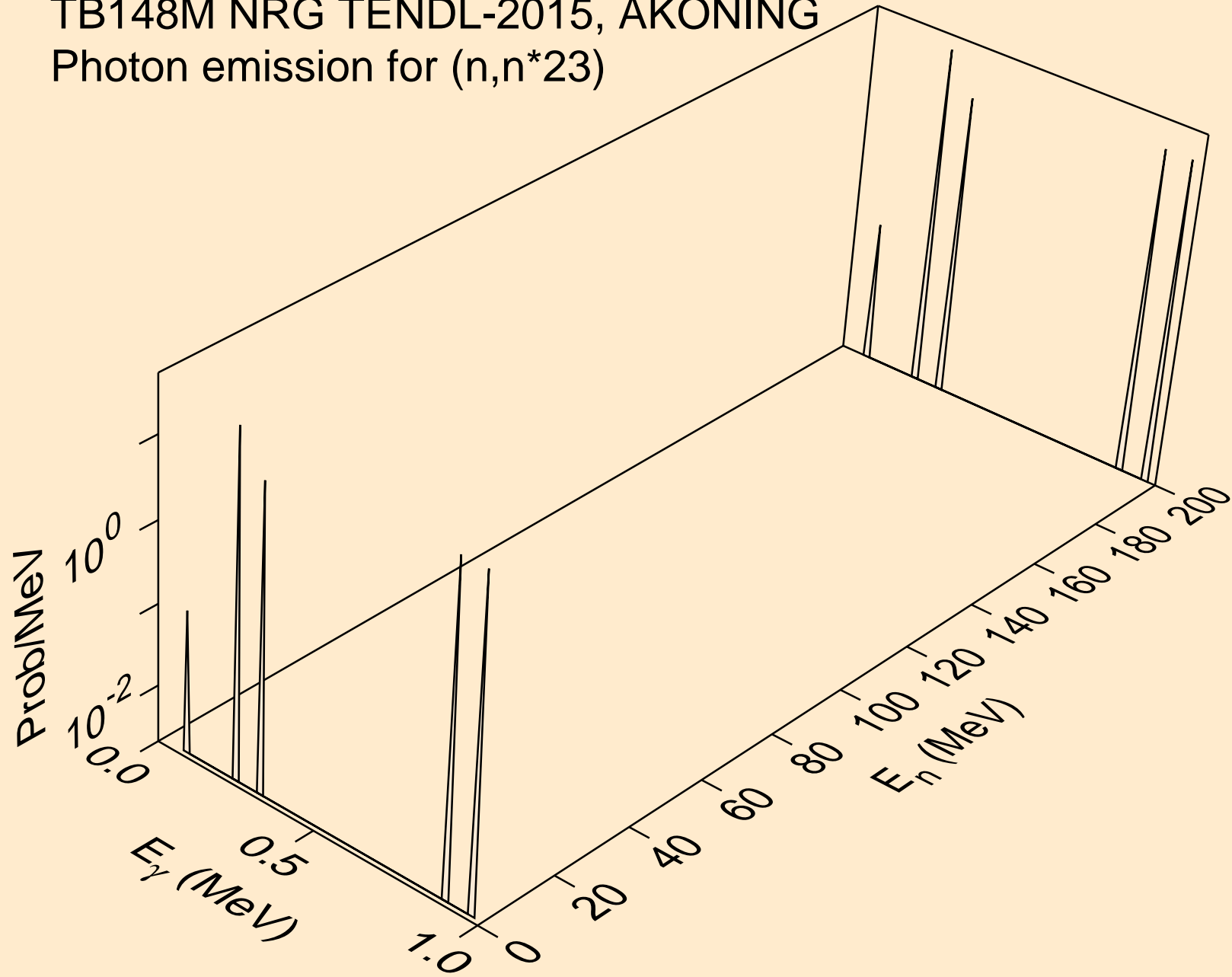
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Photon emission for (n,n\*21)



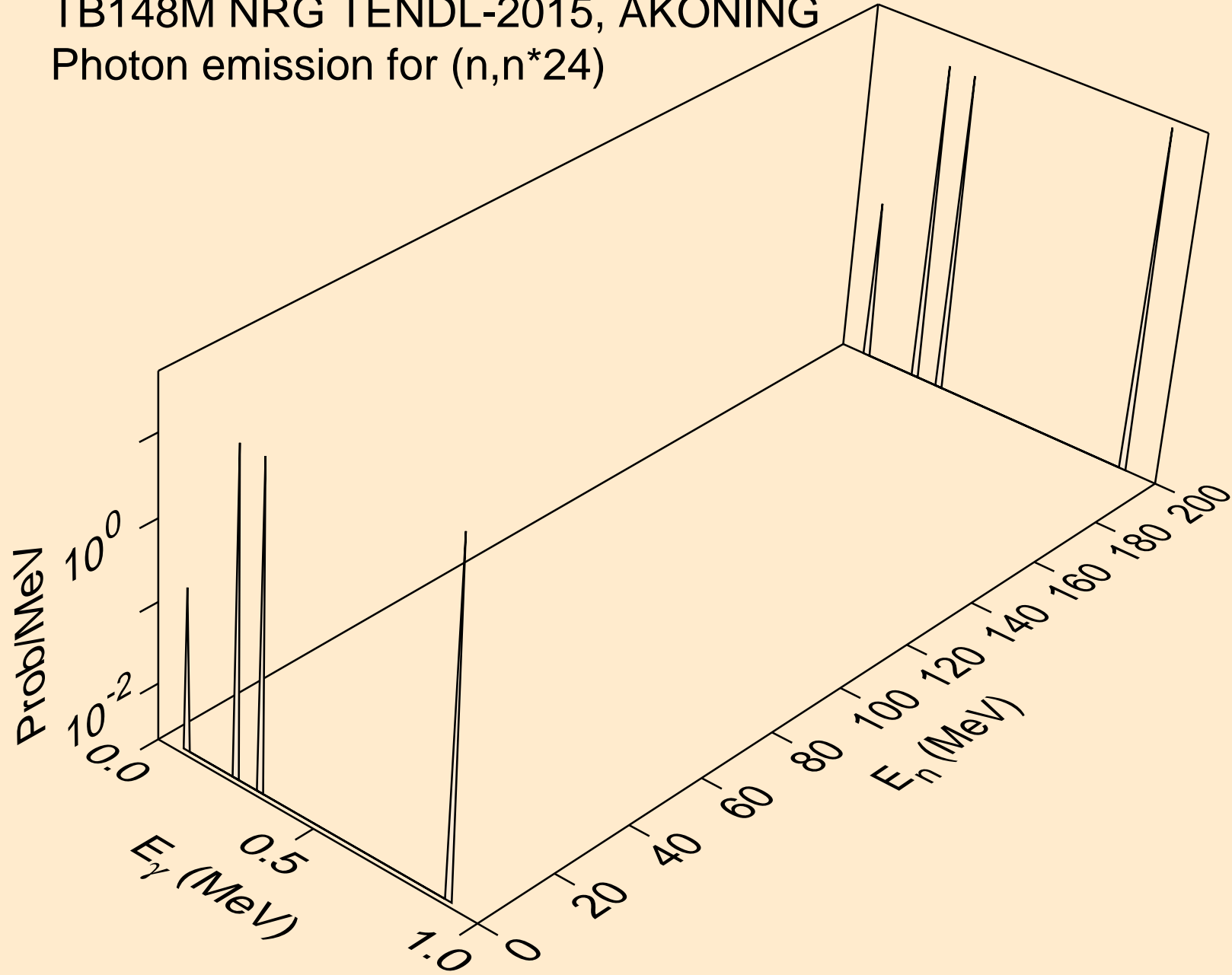
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Photon emission for (n,n\*22)



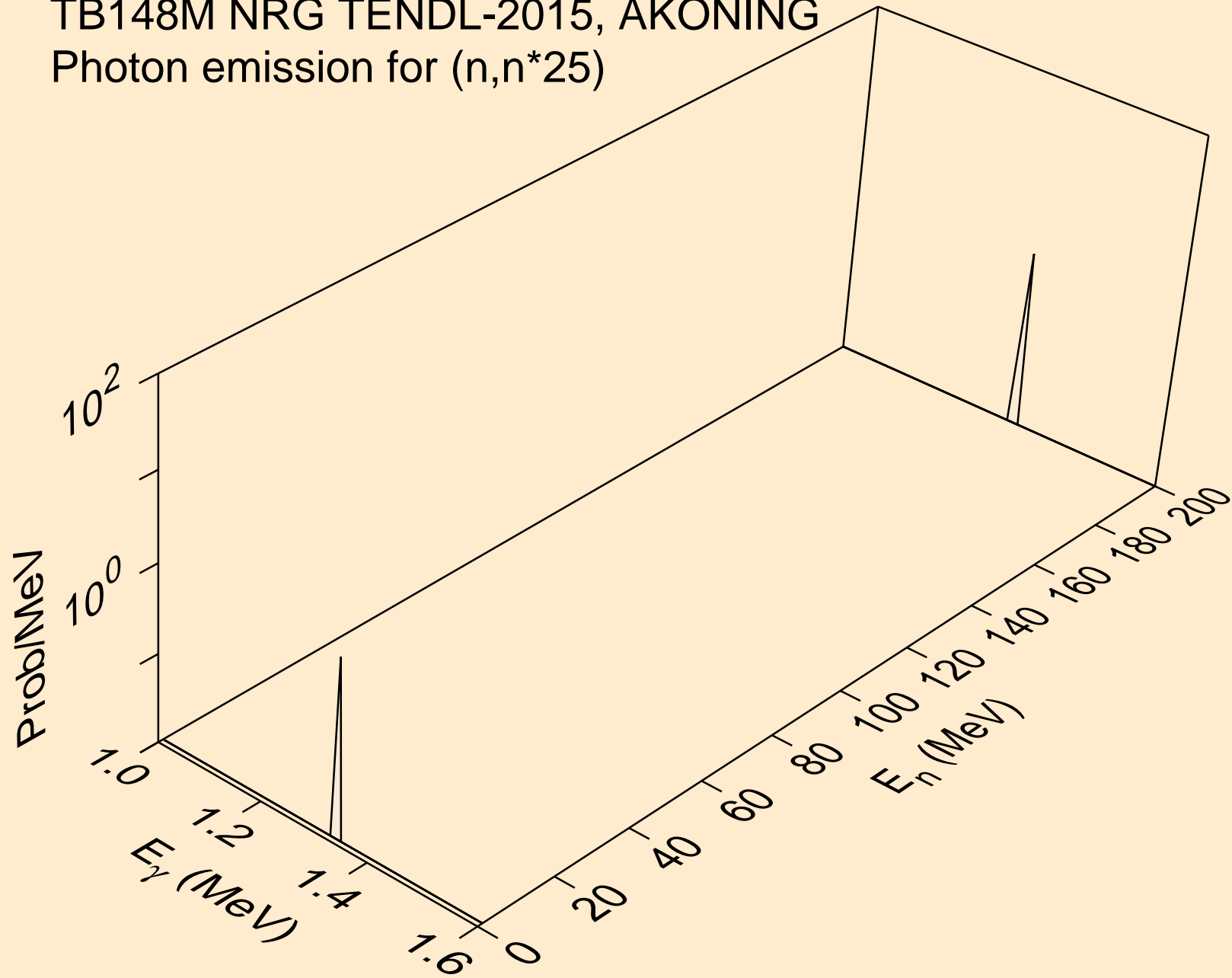
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Photon emission for (n,n\*23)



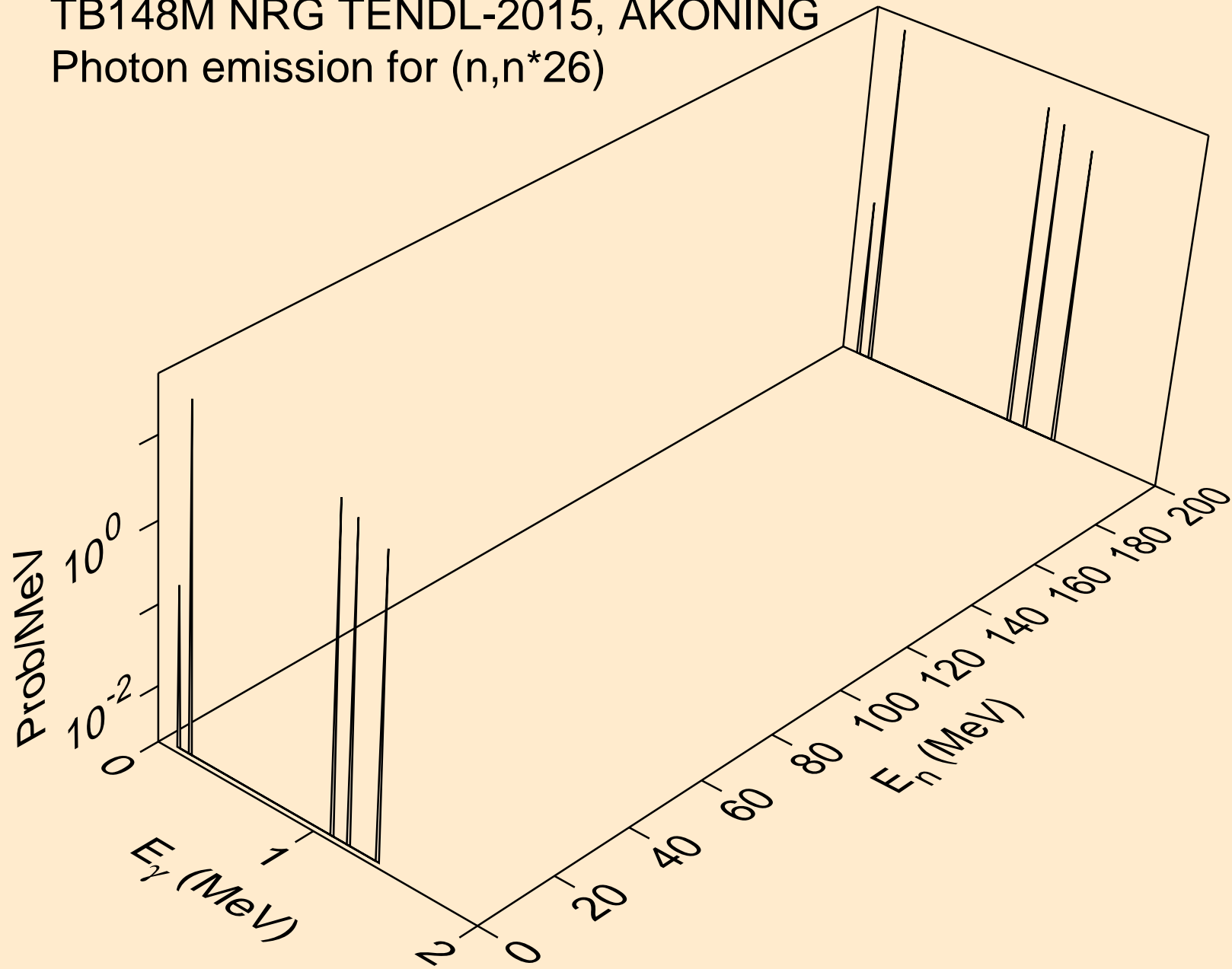
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Photon emission for (n,n\*24)



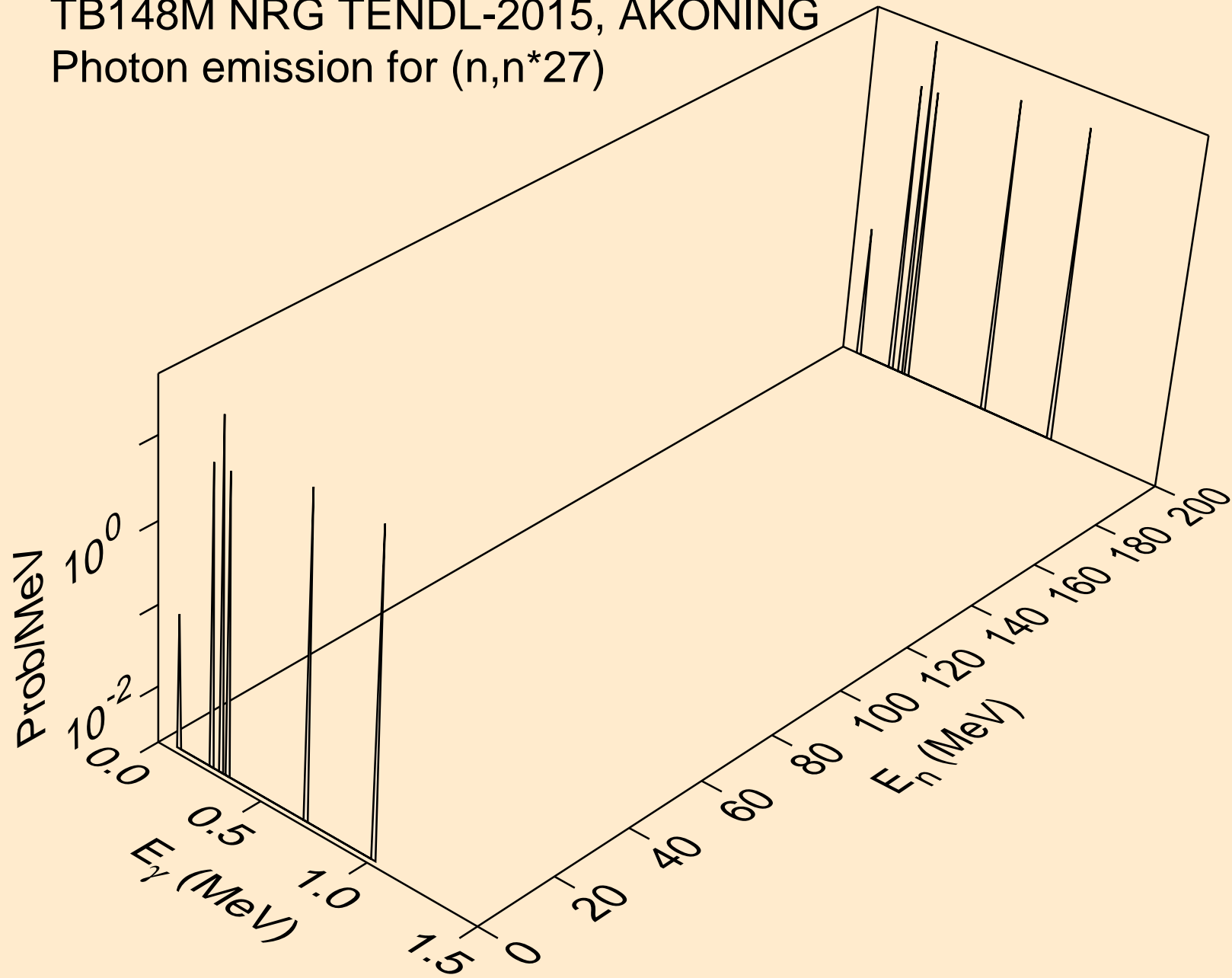
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)

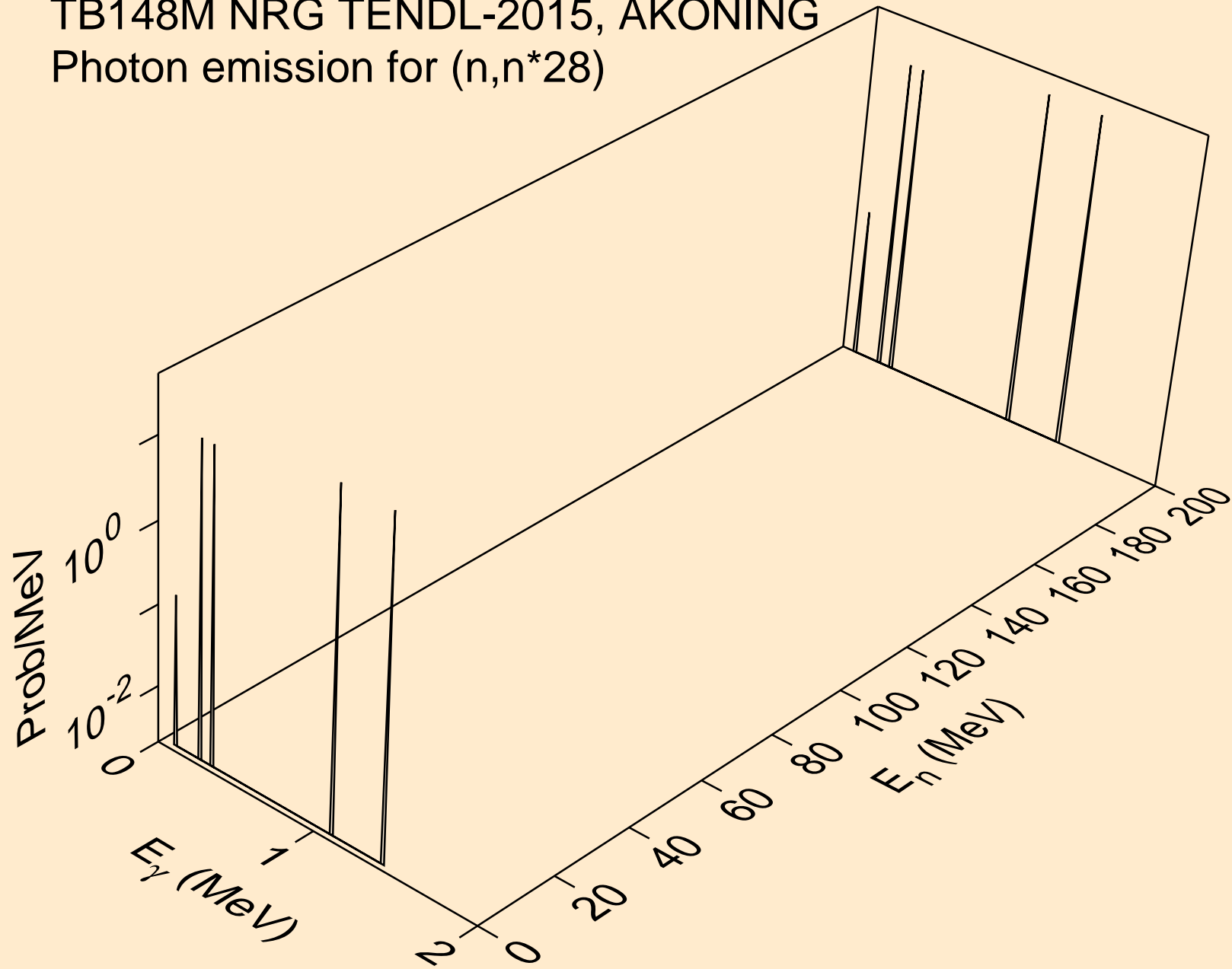


TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)

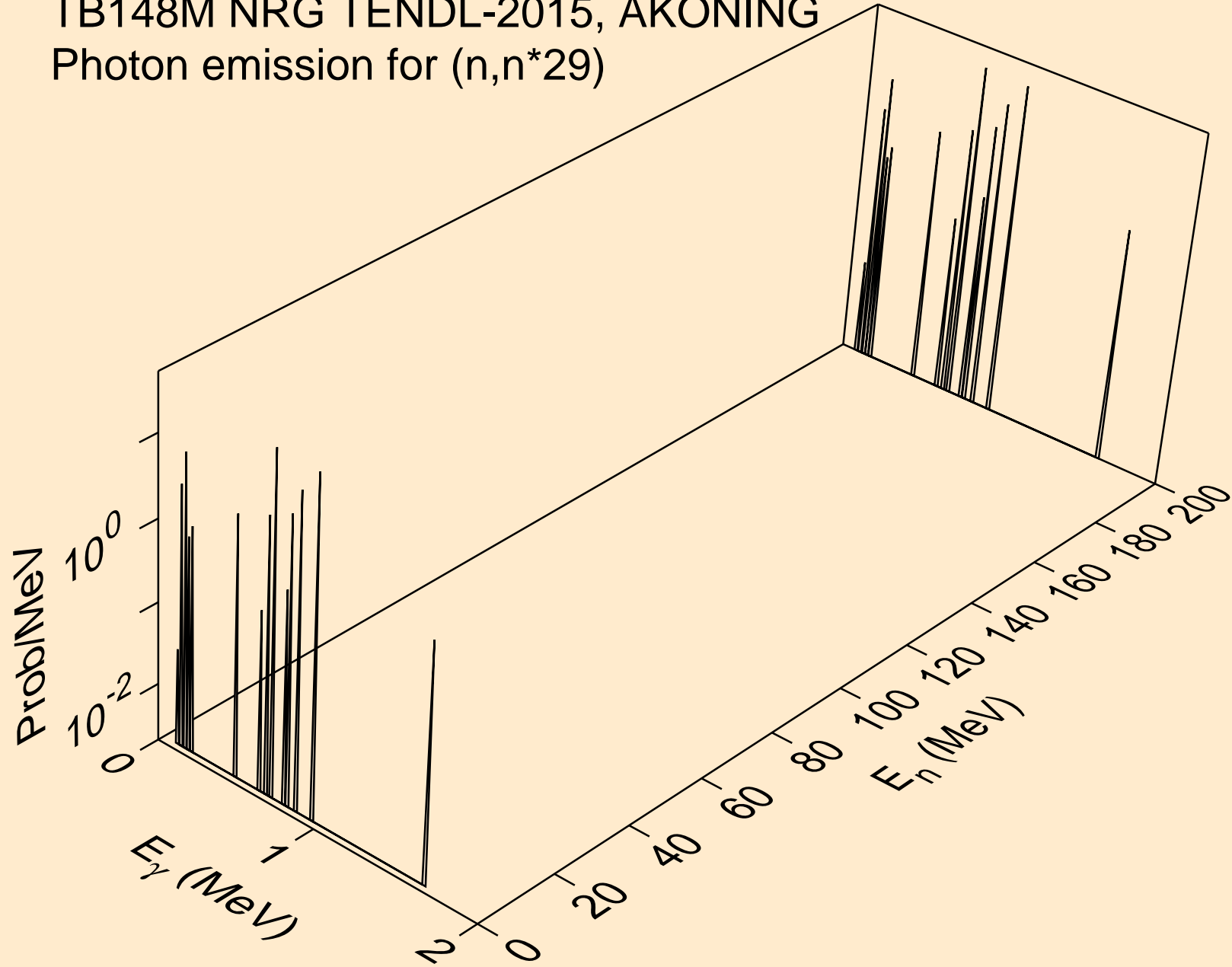




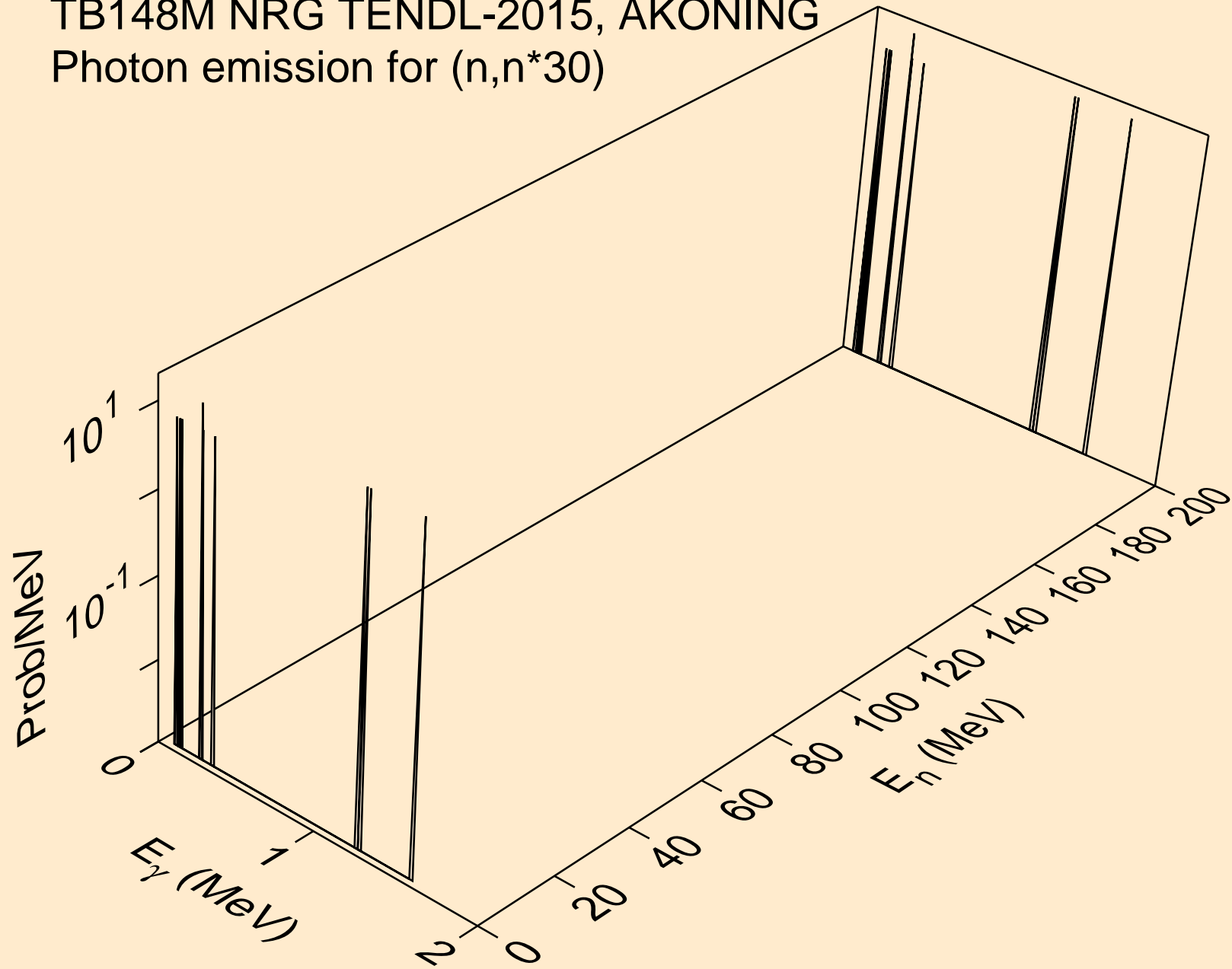
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Photon emission for (n,n\*28)



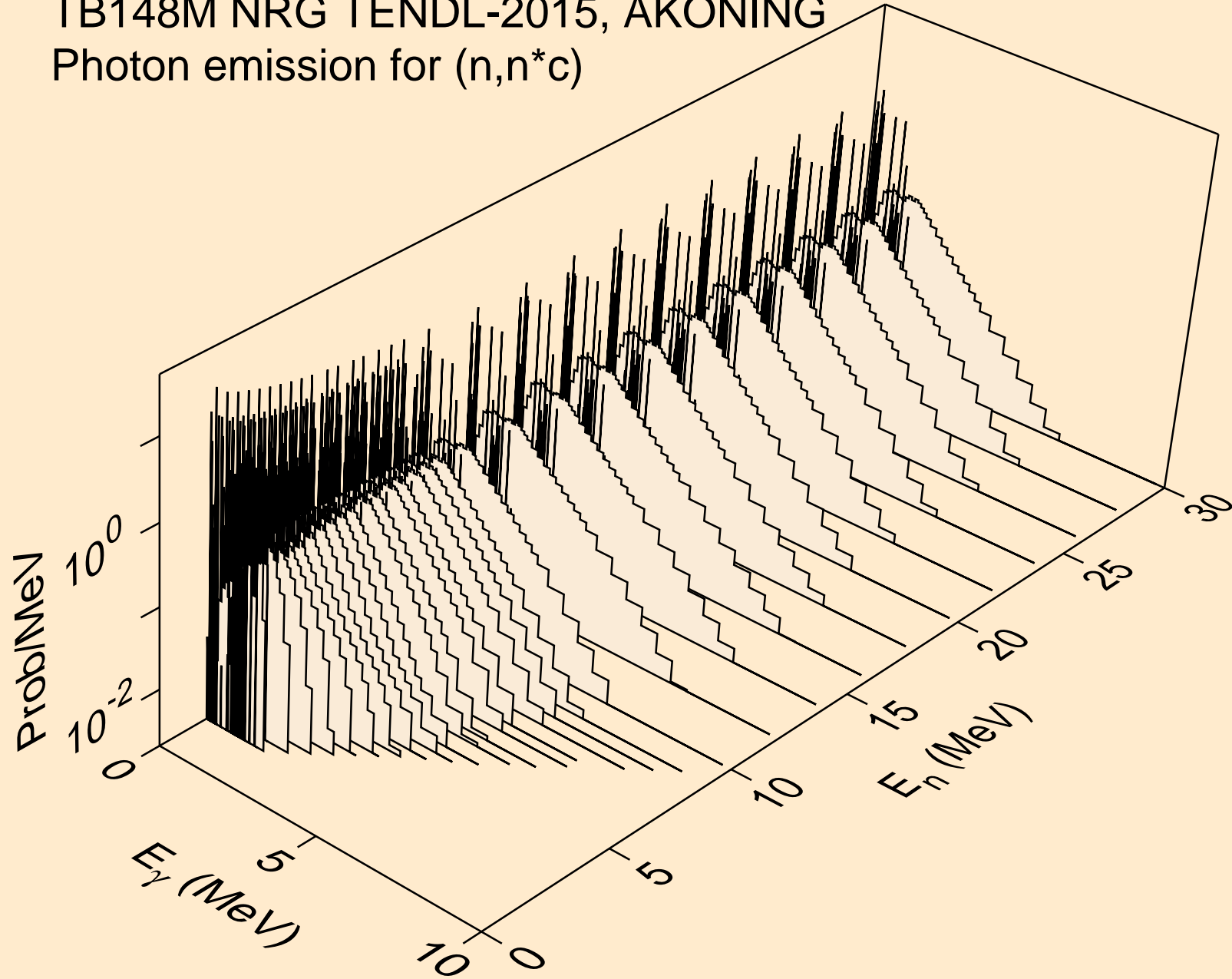
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Photon emission for (n,n\*29)



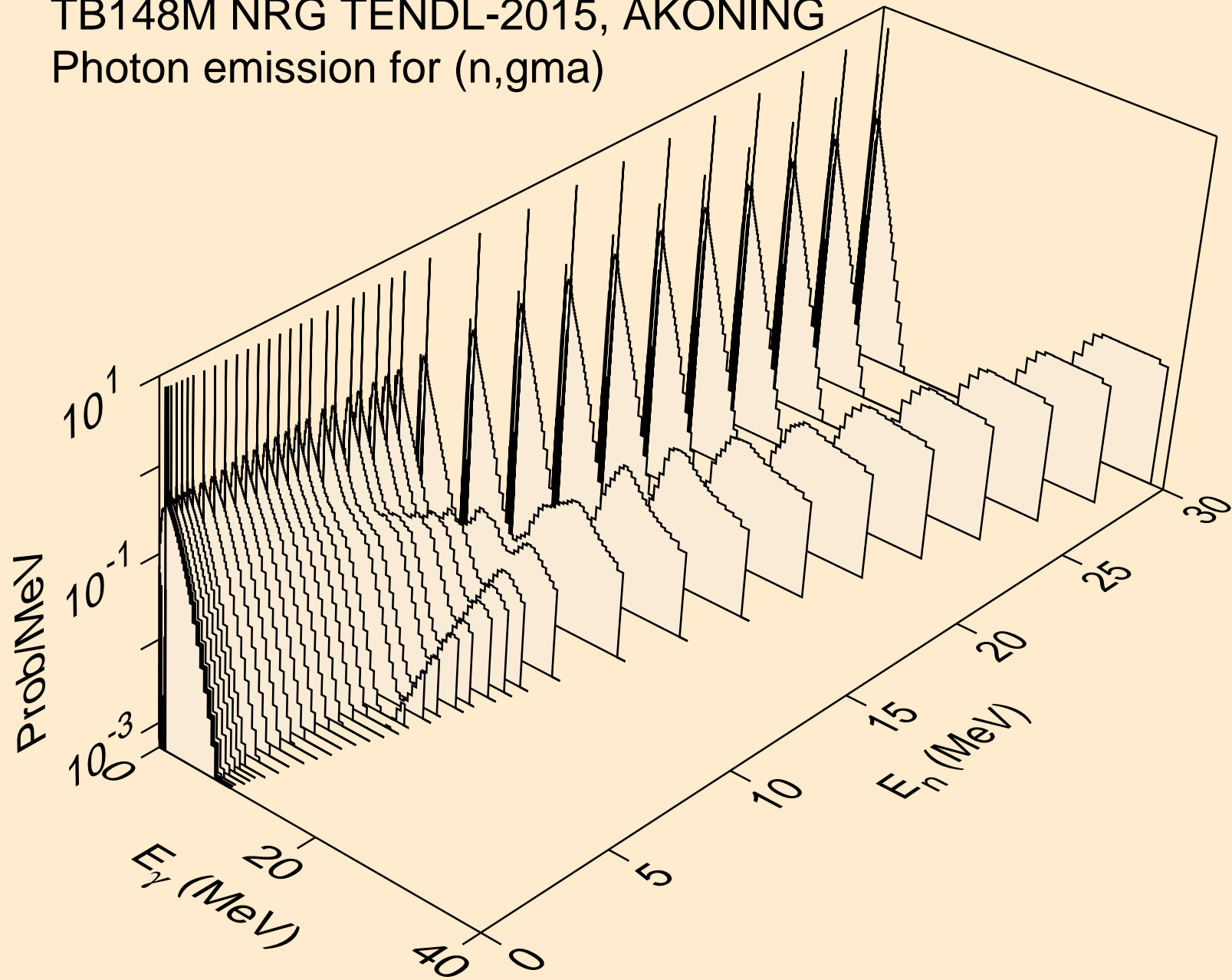
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*30)



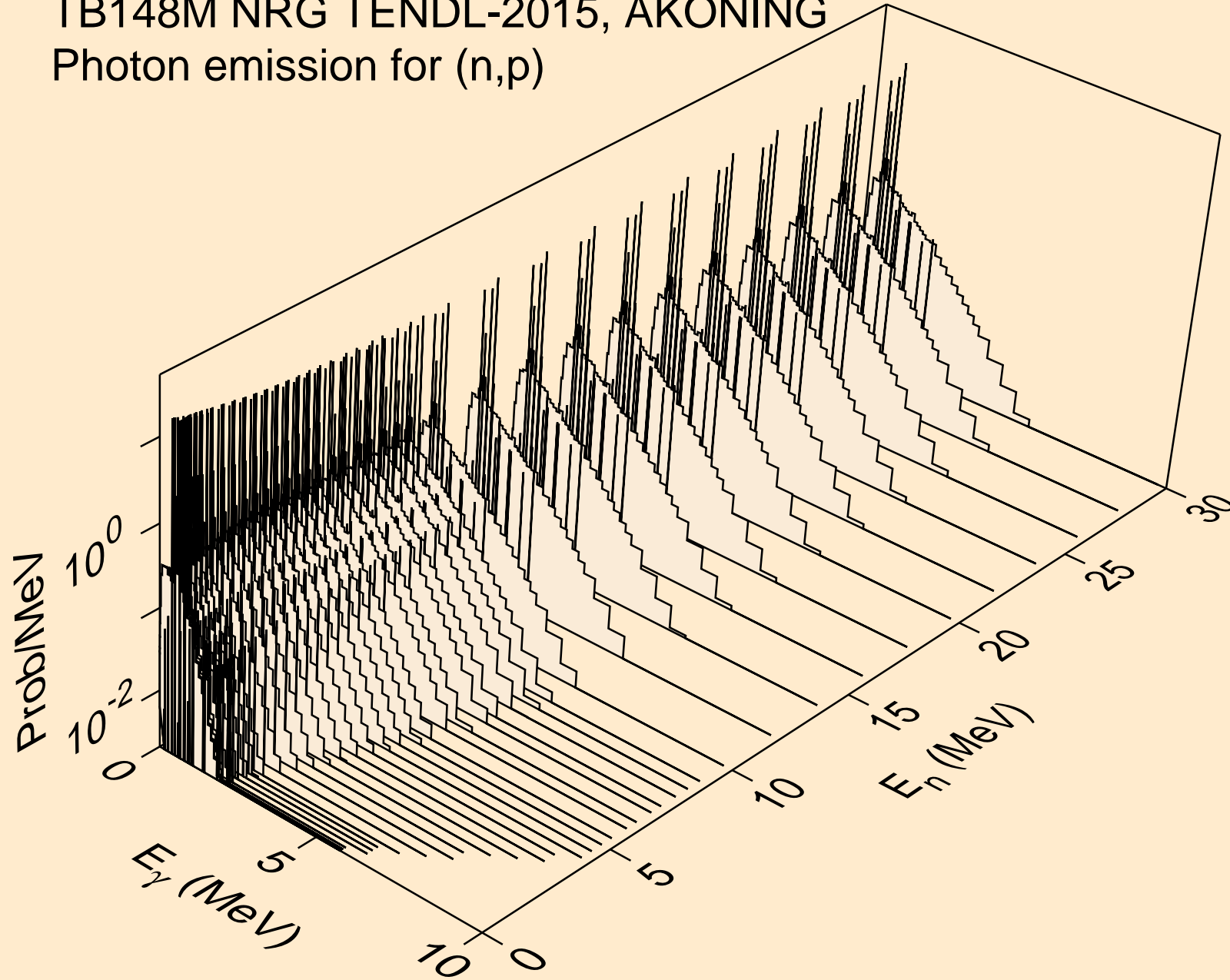
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



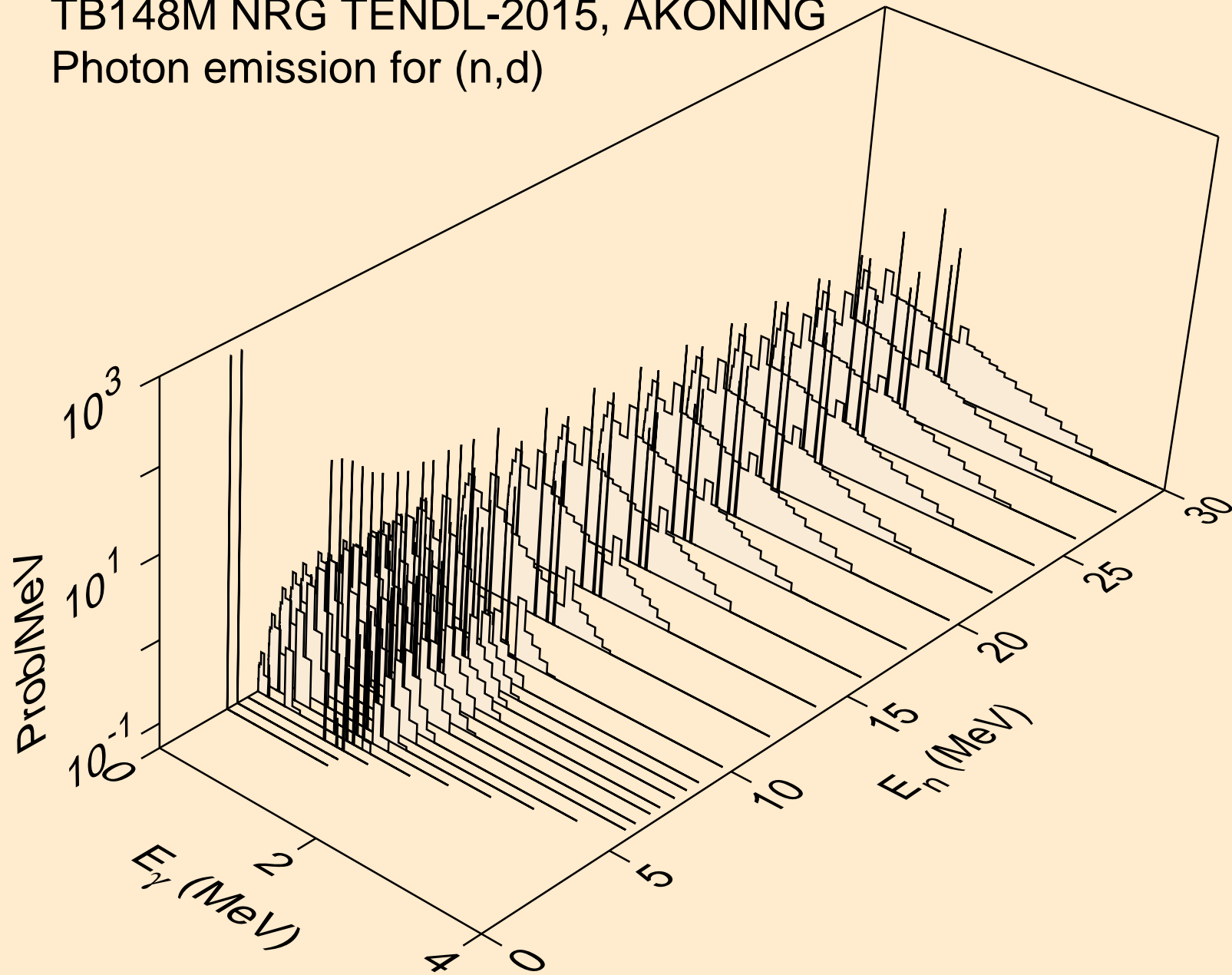
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Photon emission for (n,gma)



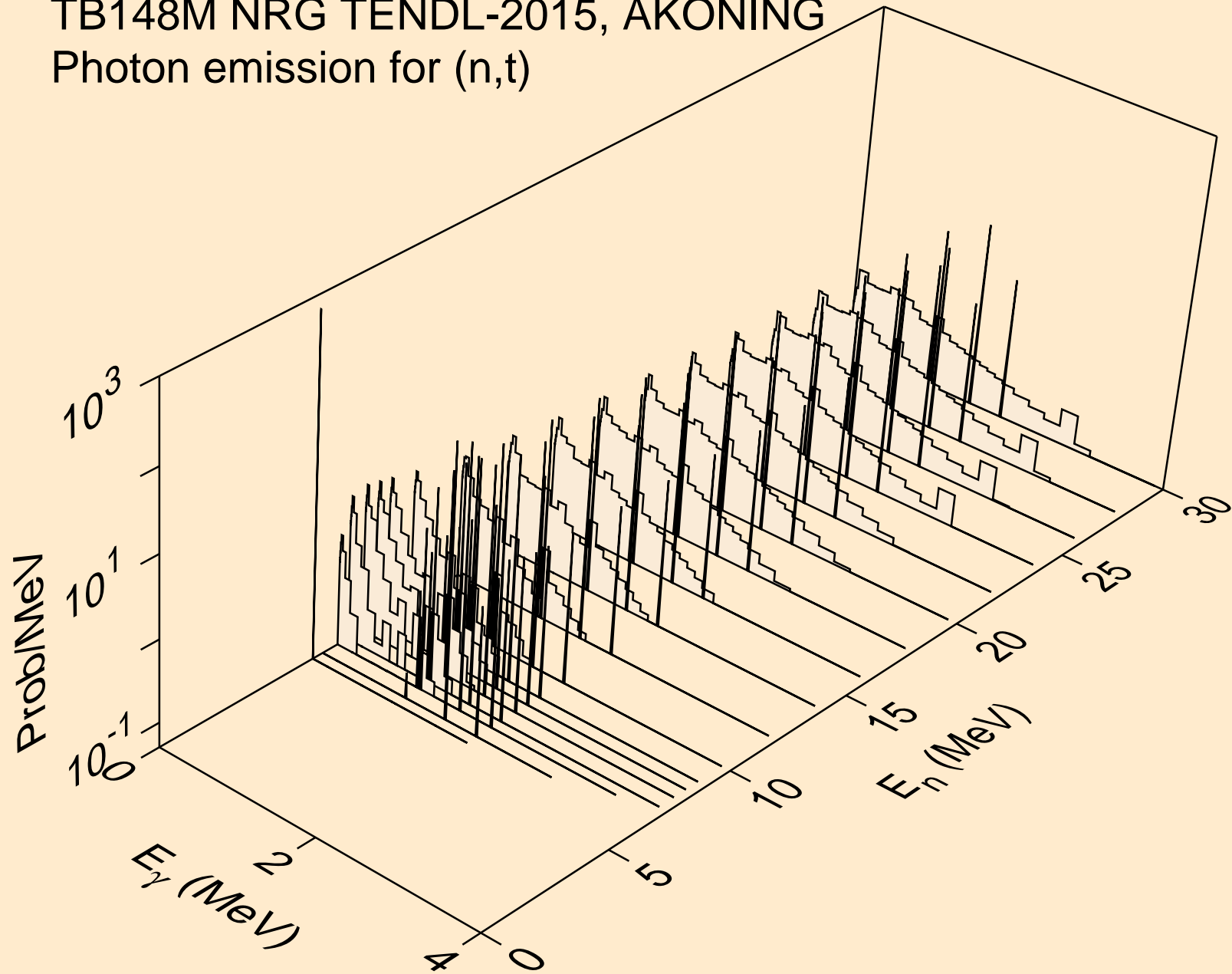
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

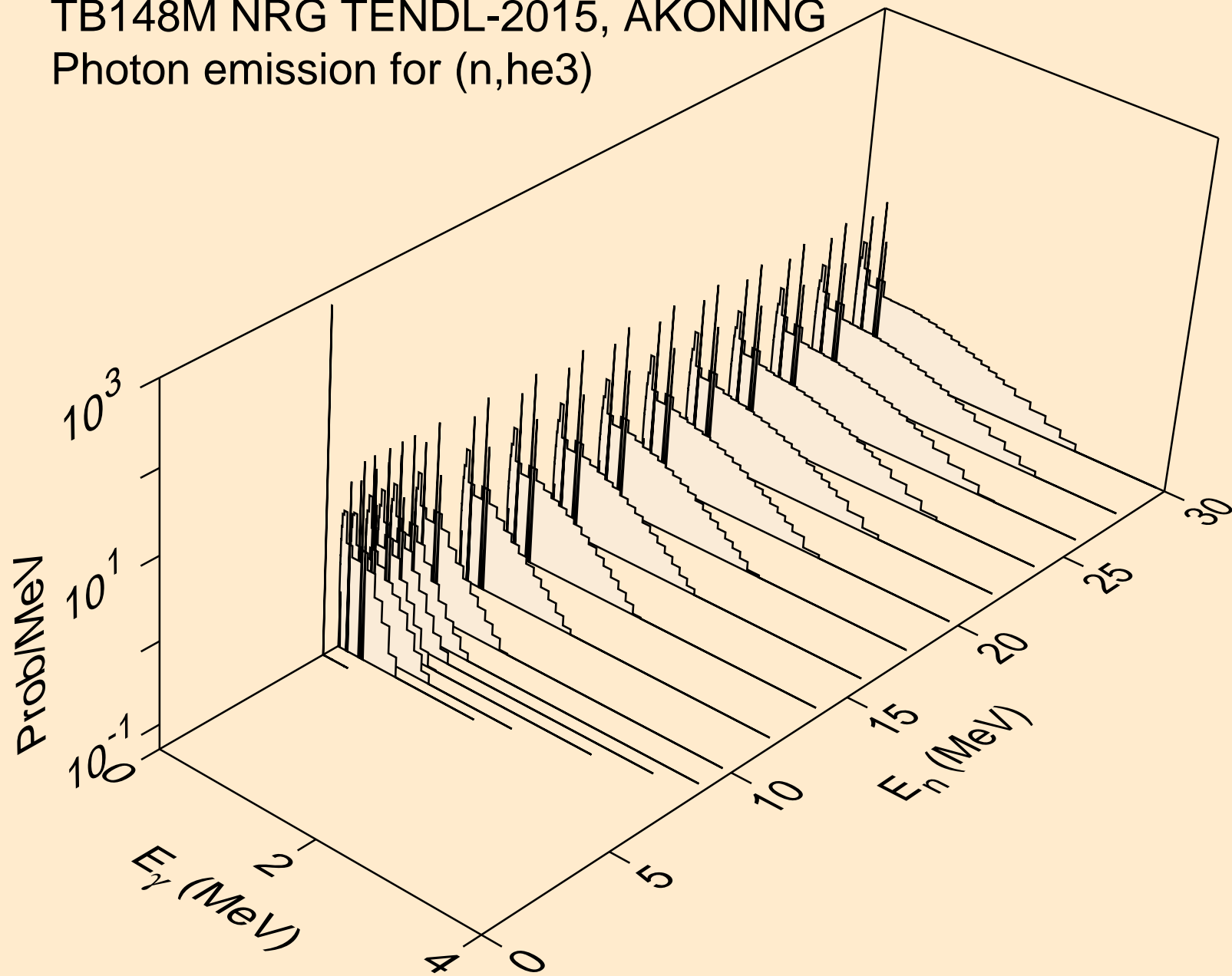


TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

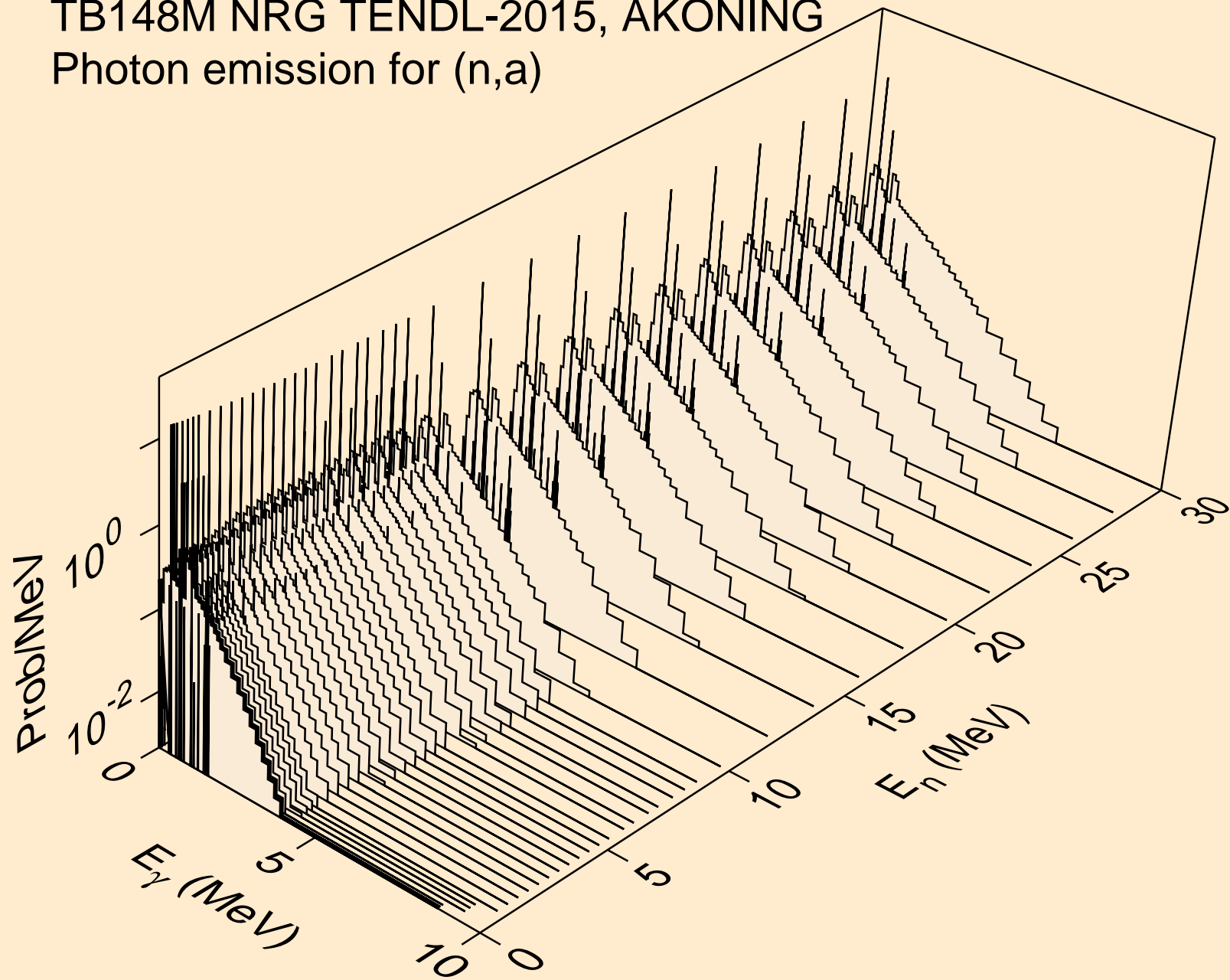




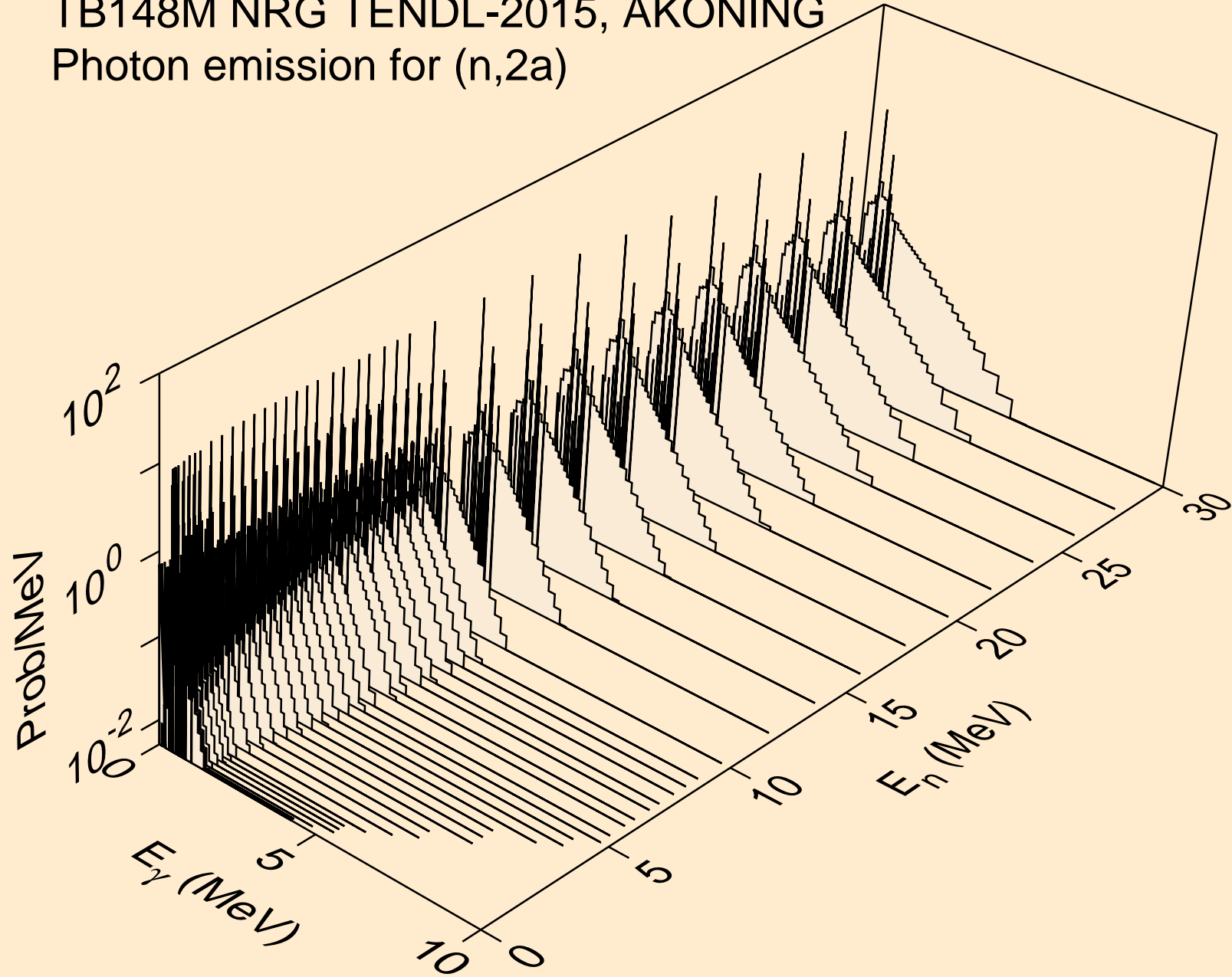
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



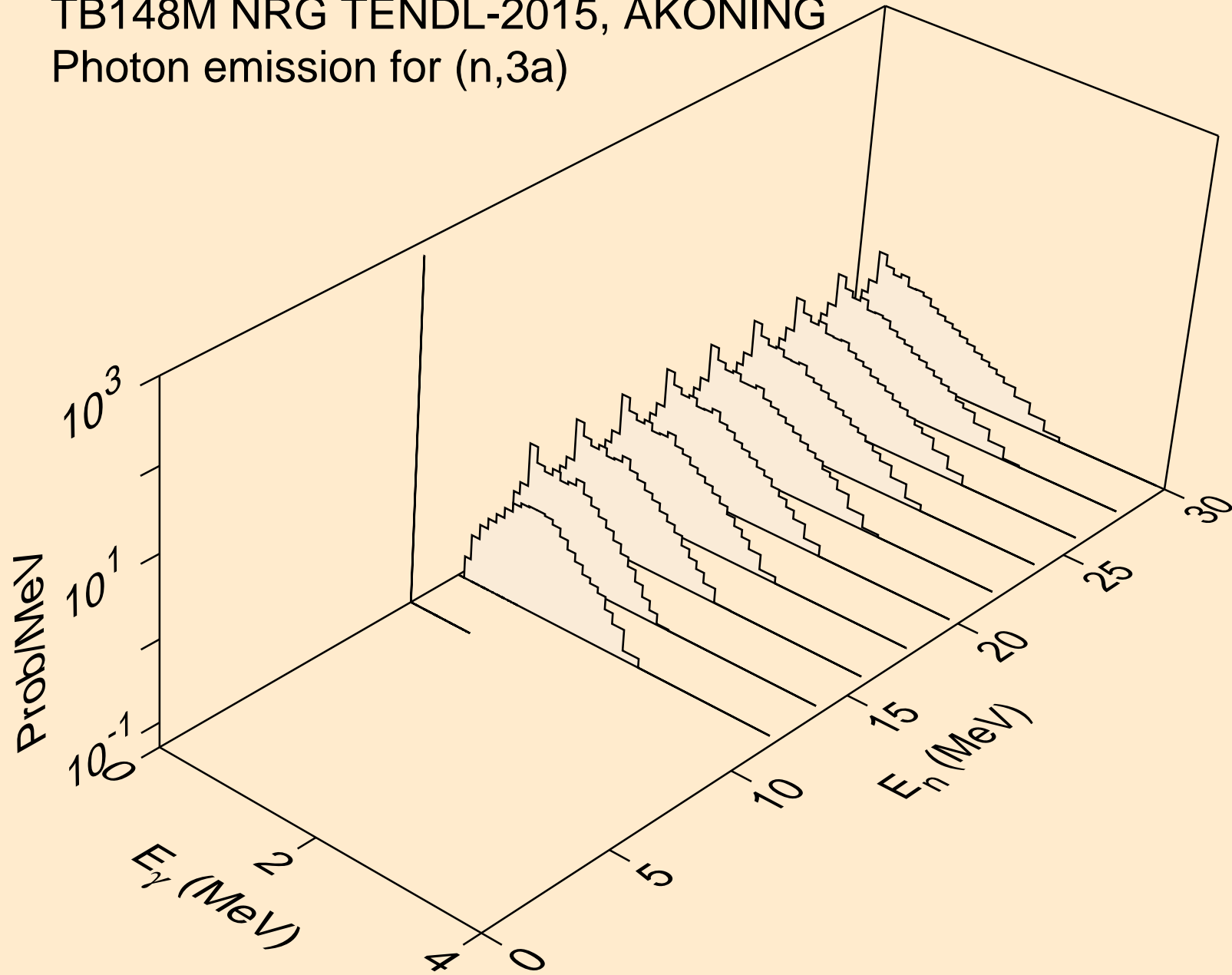
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Photon emission for (n,a)



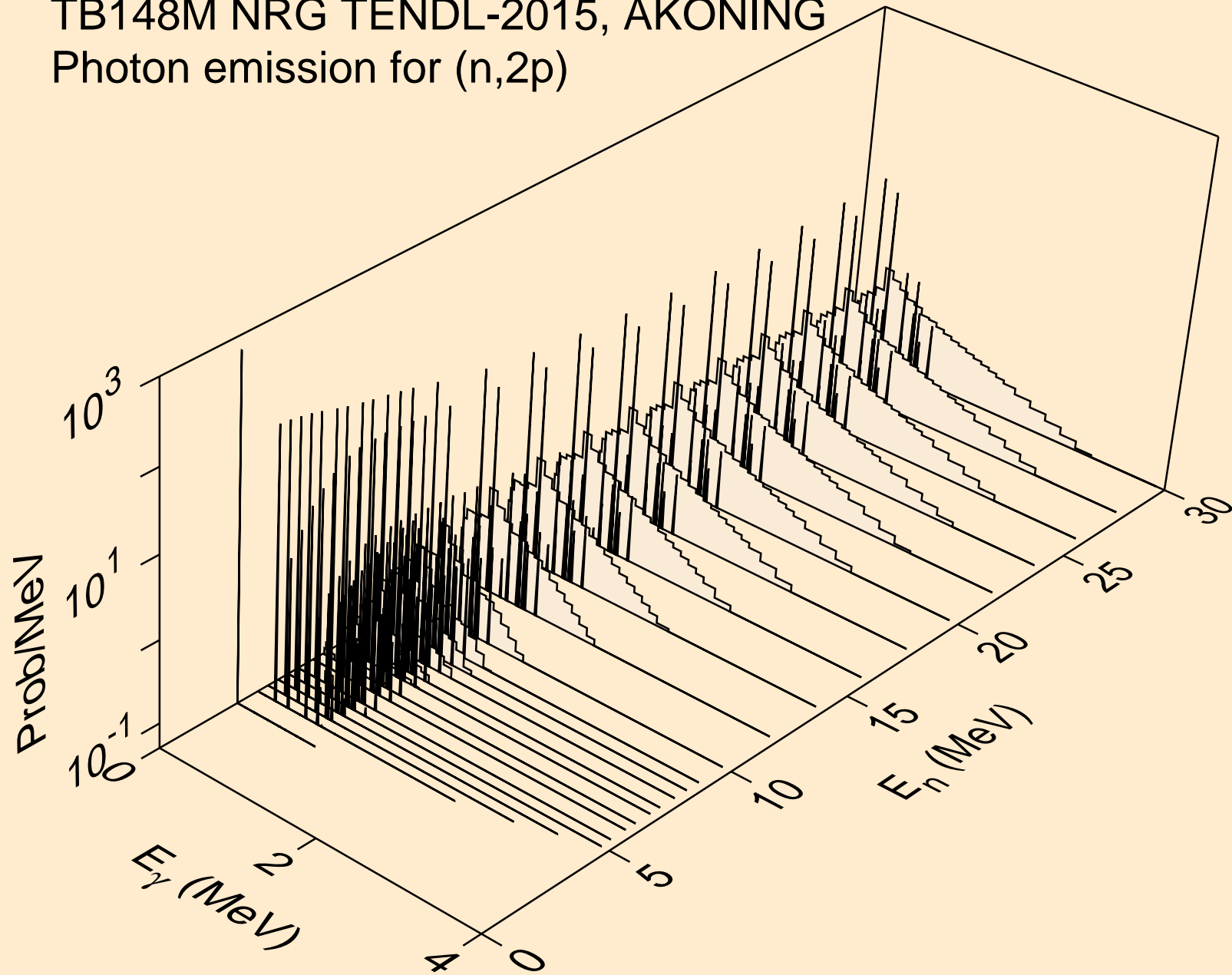
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Photon emission for (n,2a)



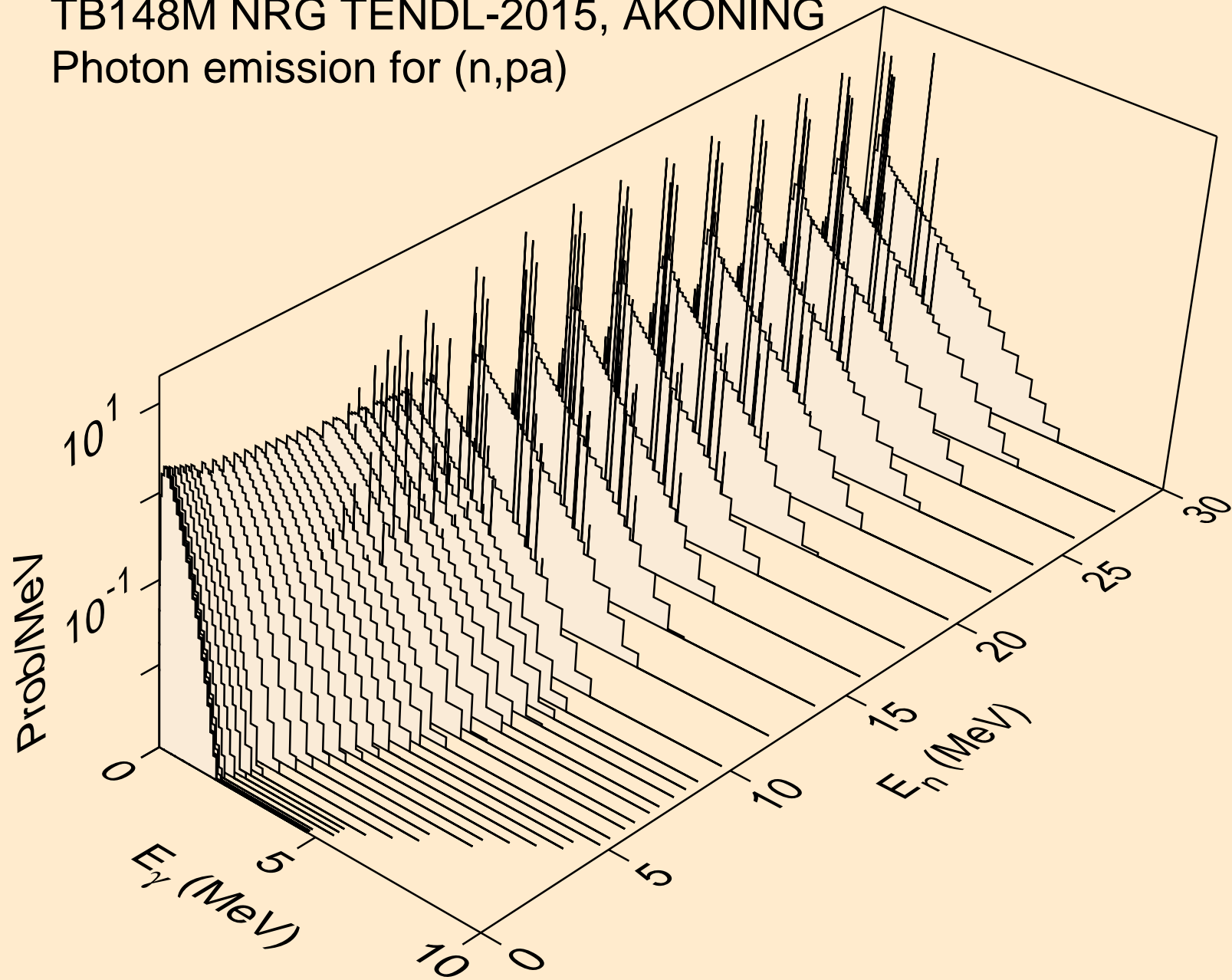
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Photon emission for (n,3a)



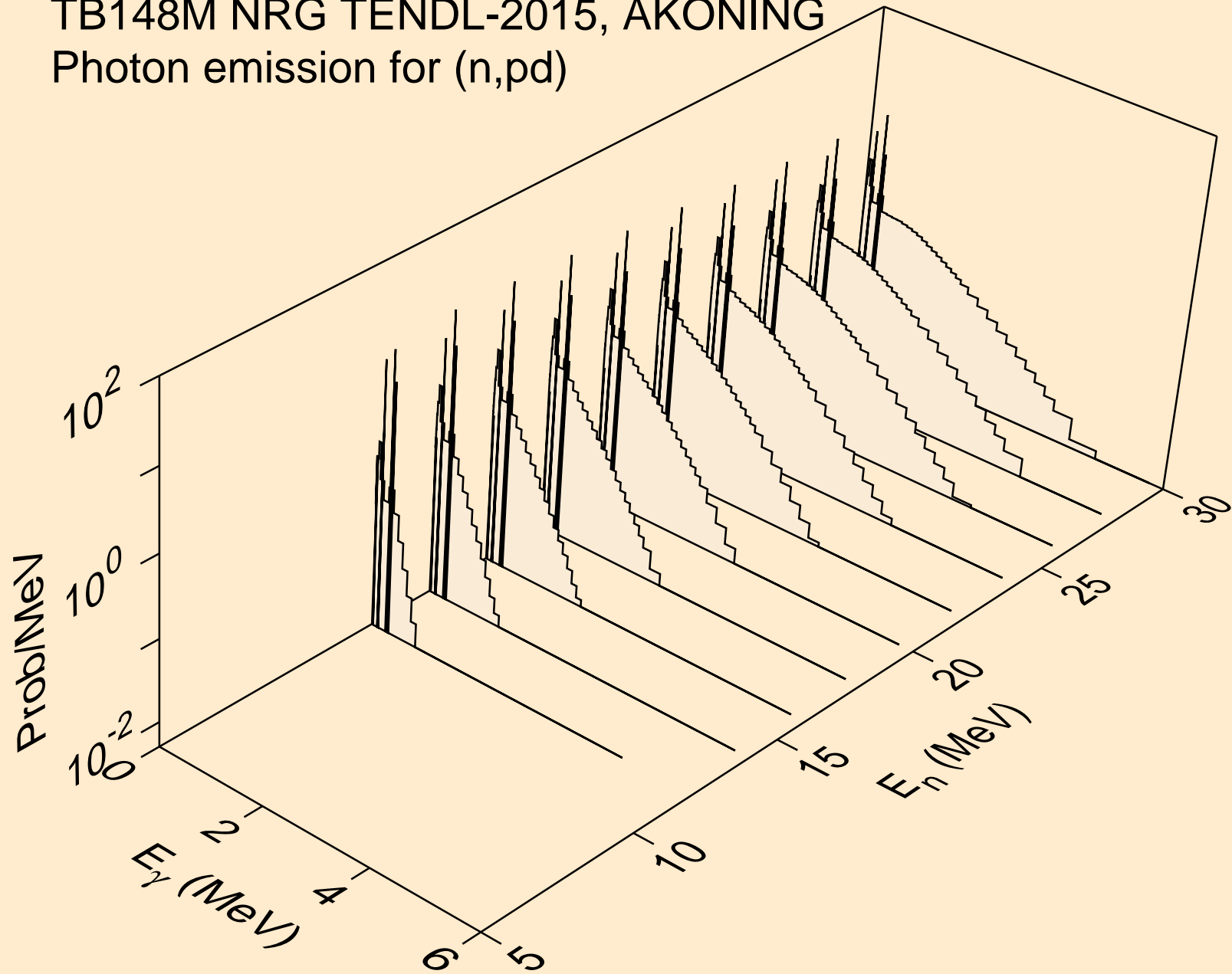
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Photon emission for (n,2p)



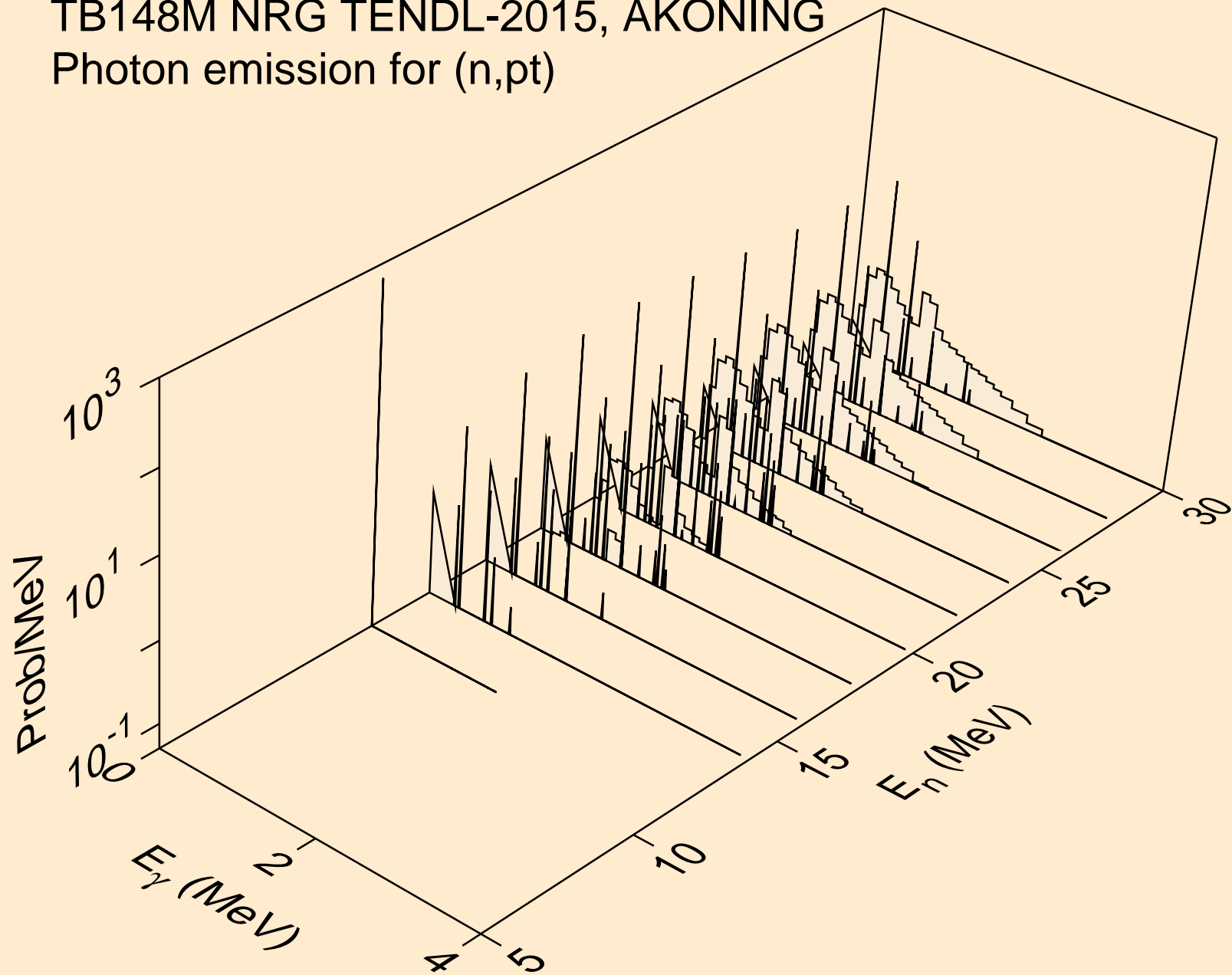
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Photon emission for (n,p $\alpha$ )



TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

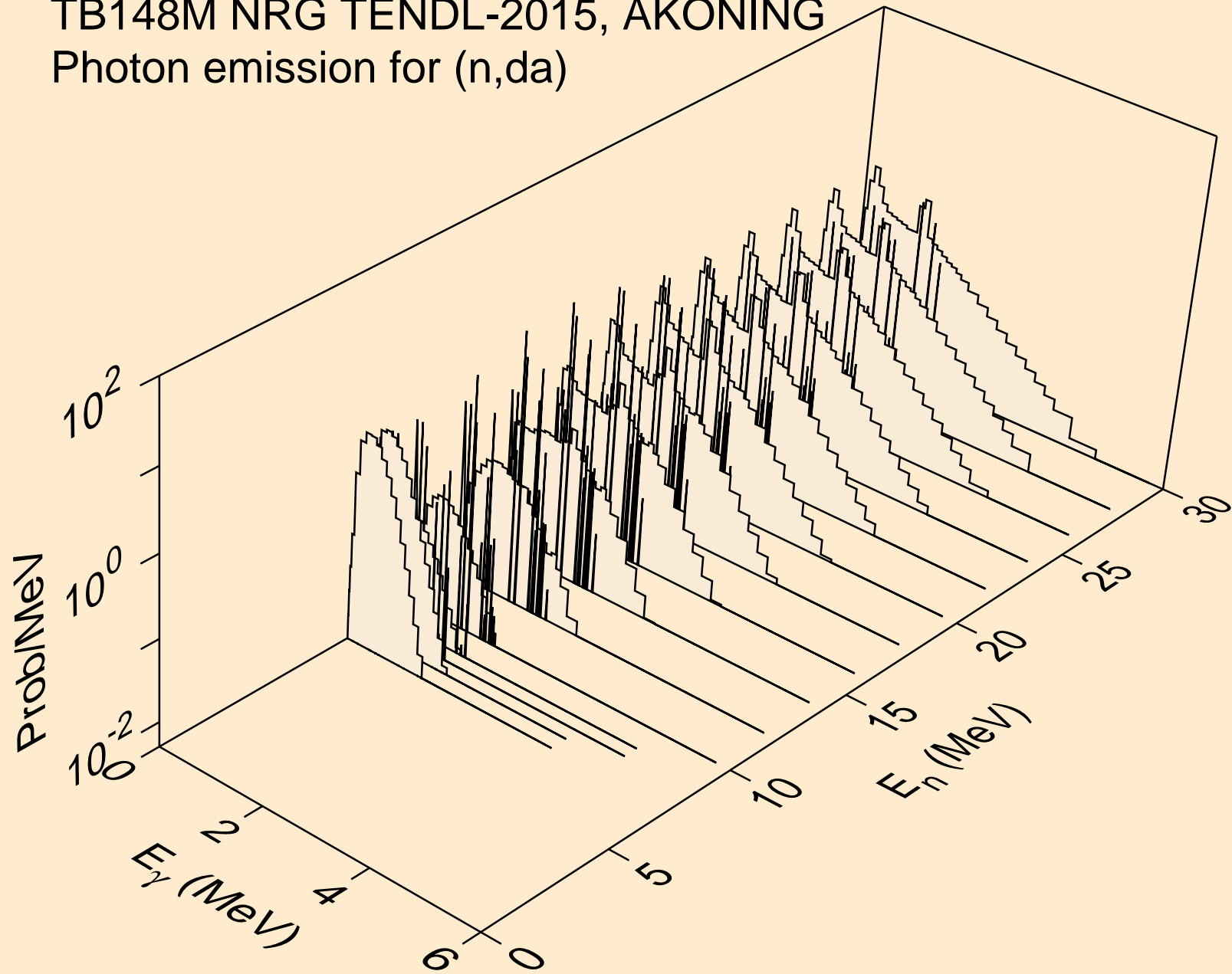


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Photon emission for (n,pt)

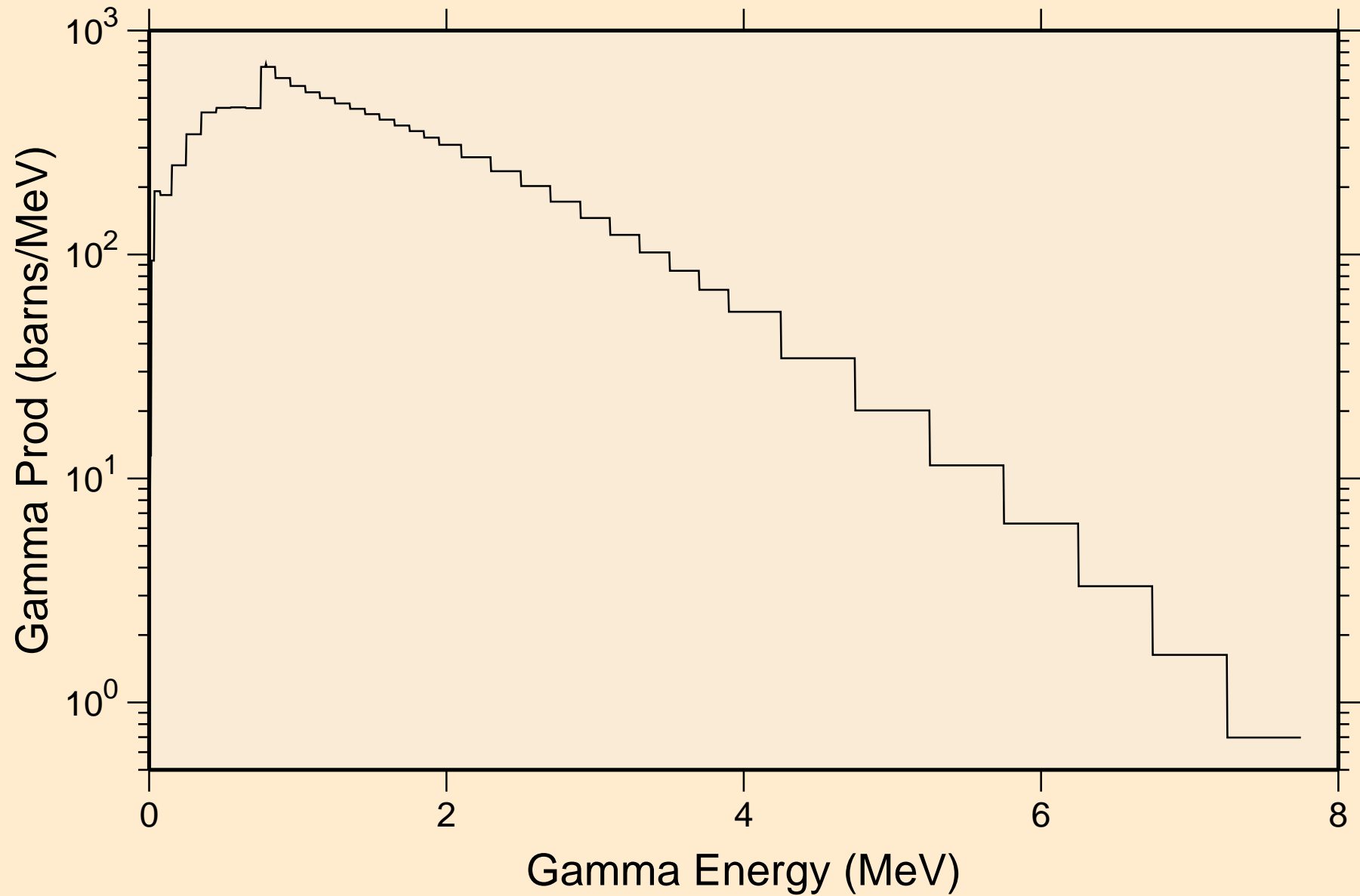




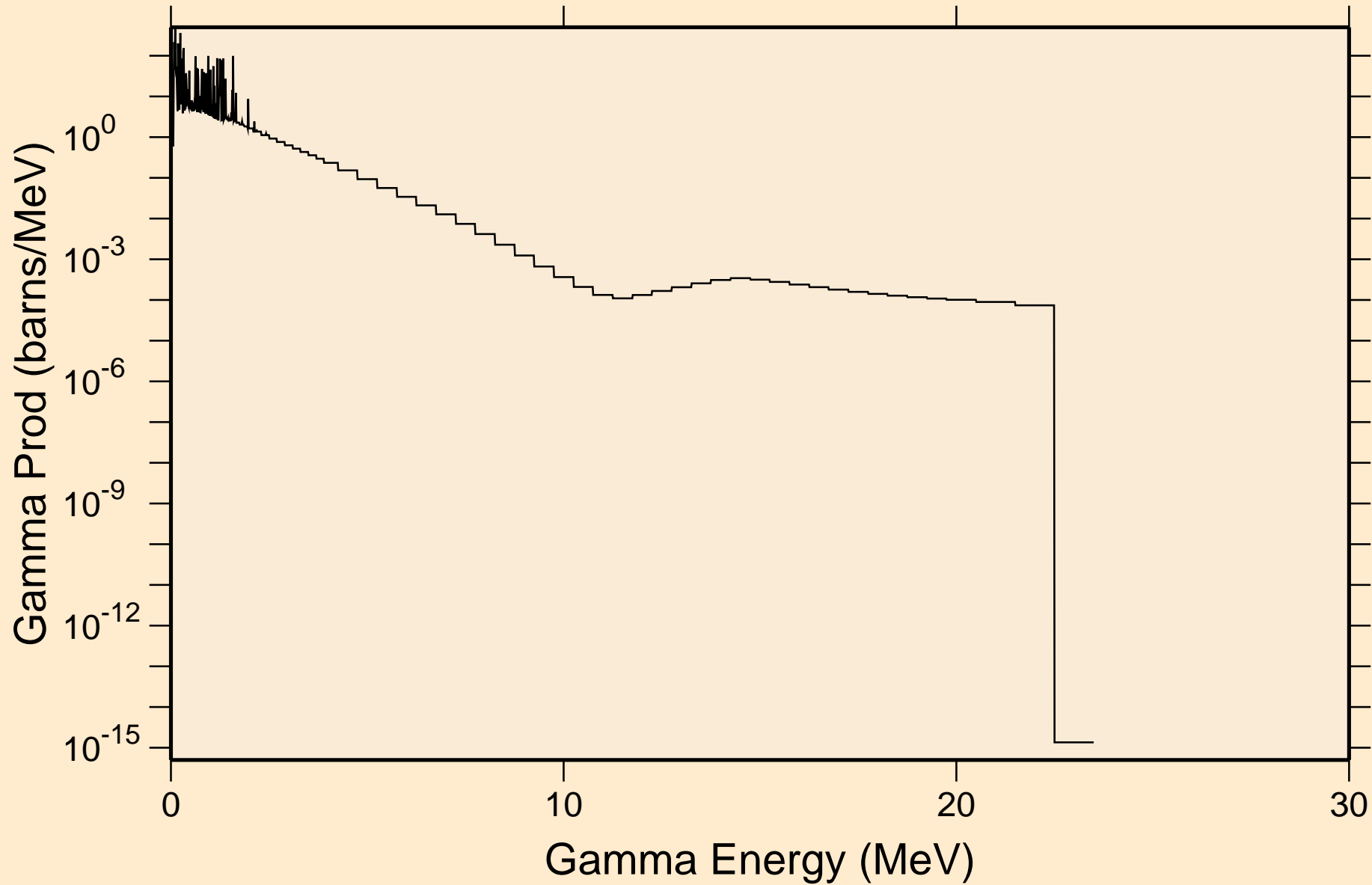
TB148M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TB148M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

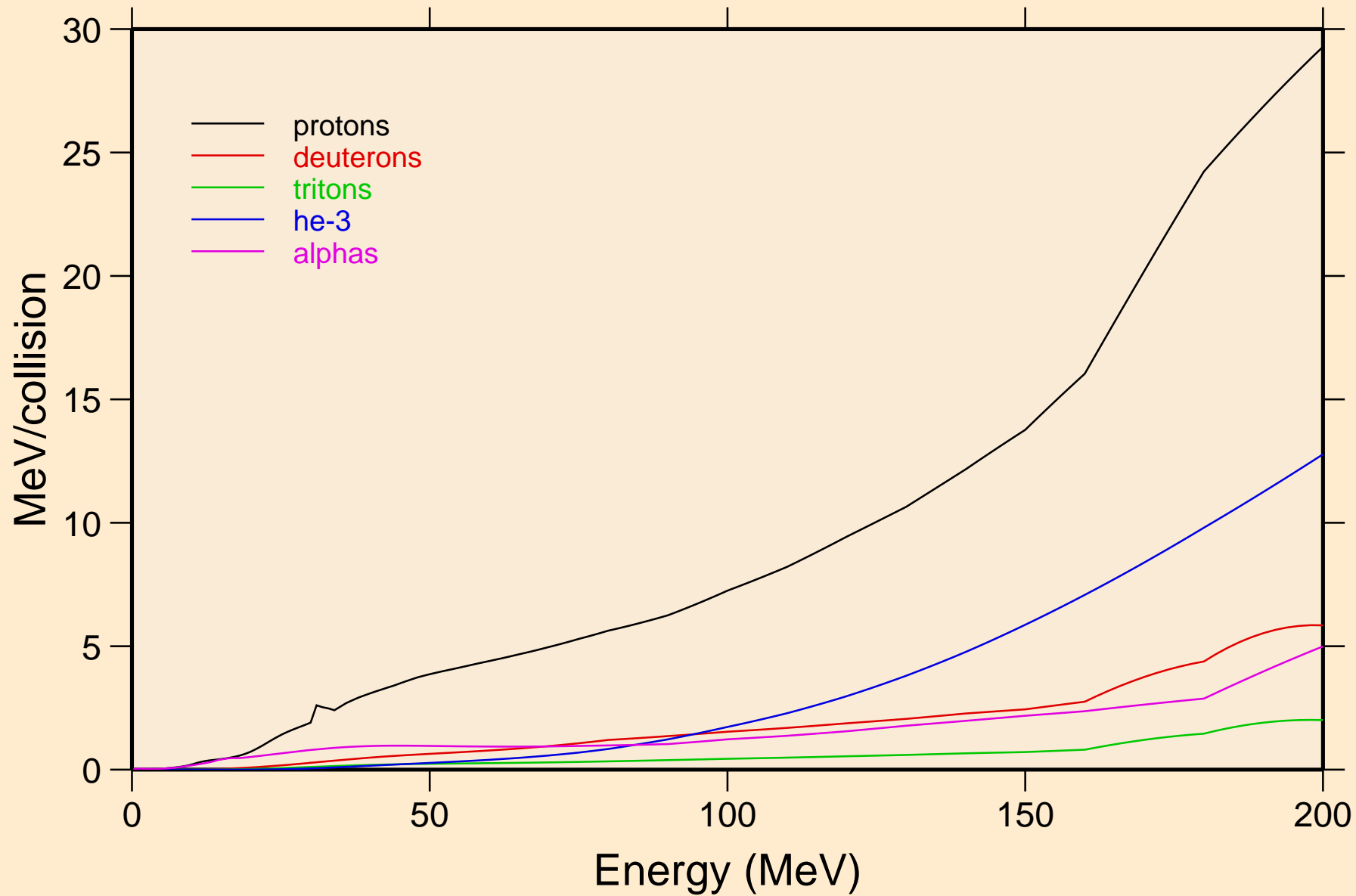


TB148M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



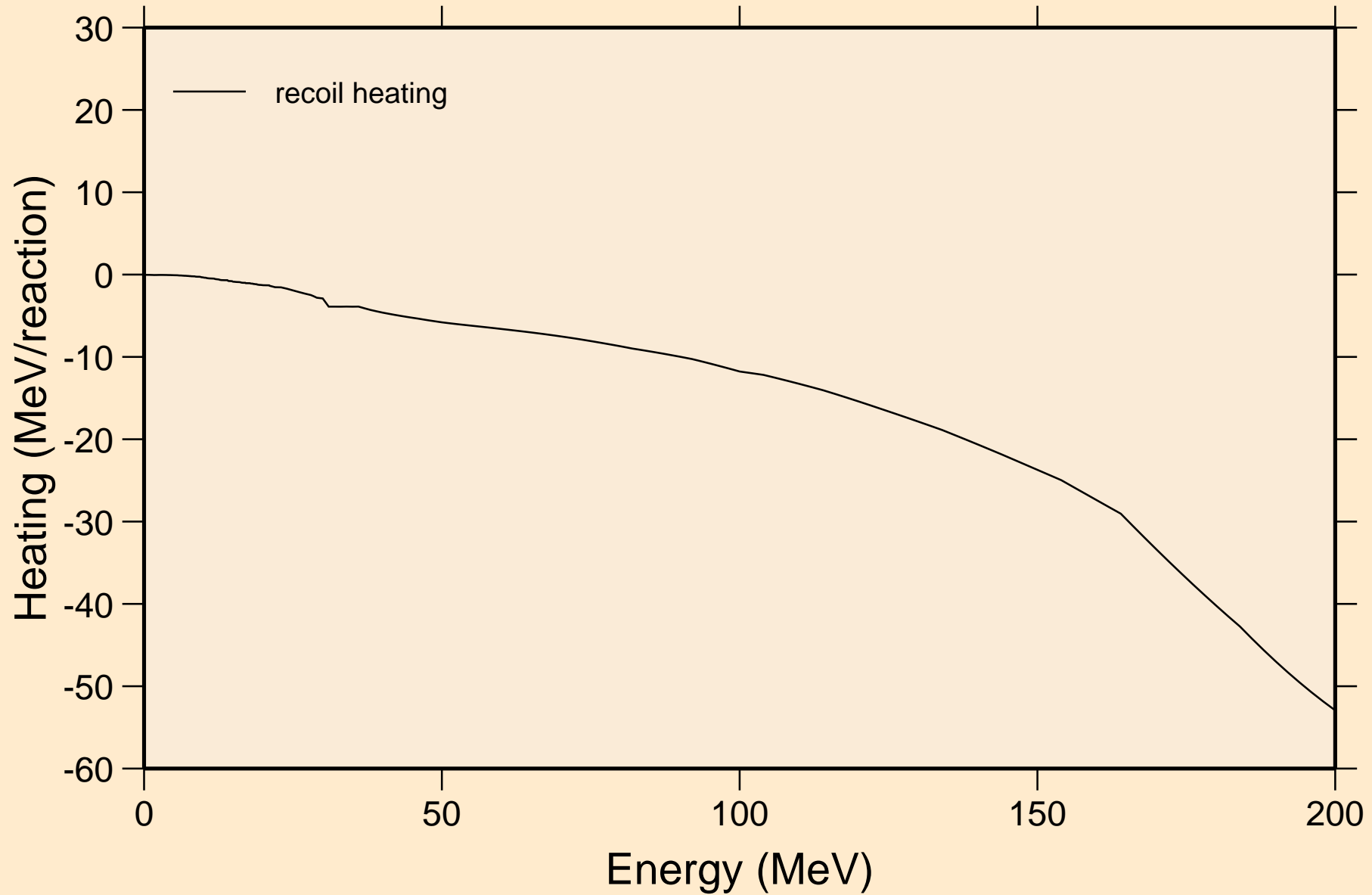
# TB148M NRG TENDL-2015, AKONING

## Particle heating contributions

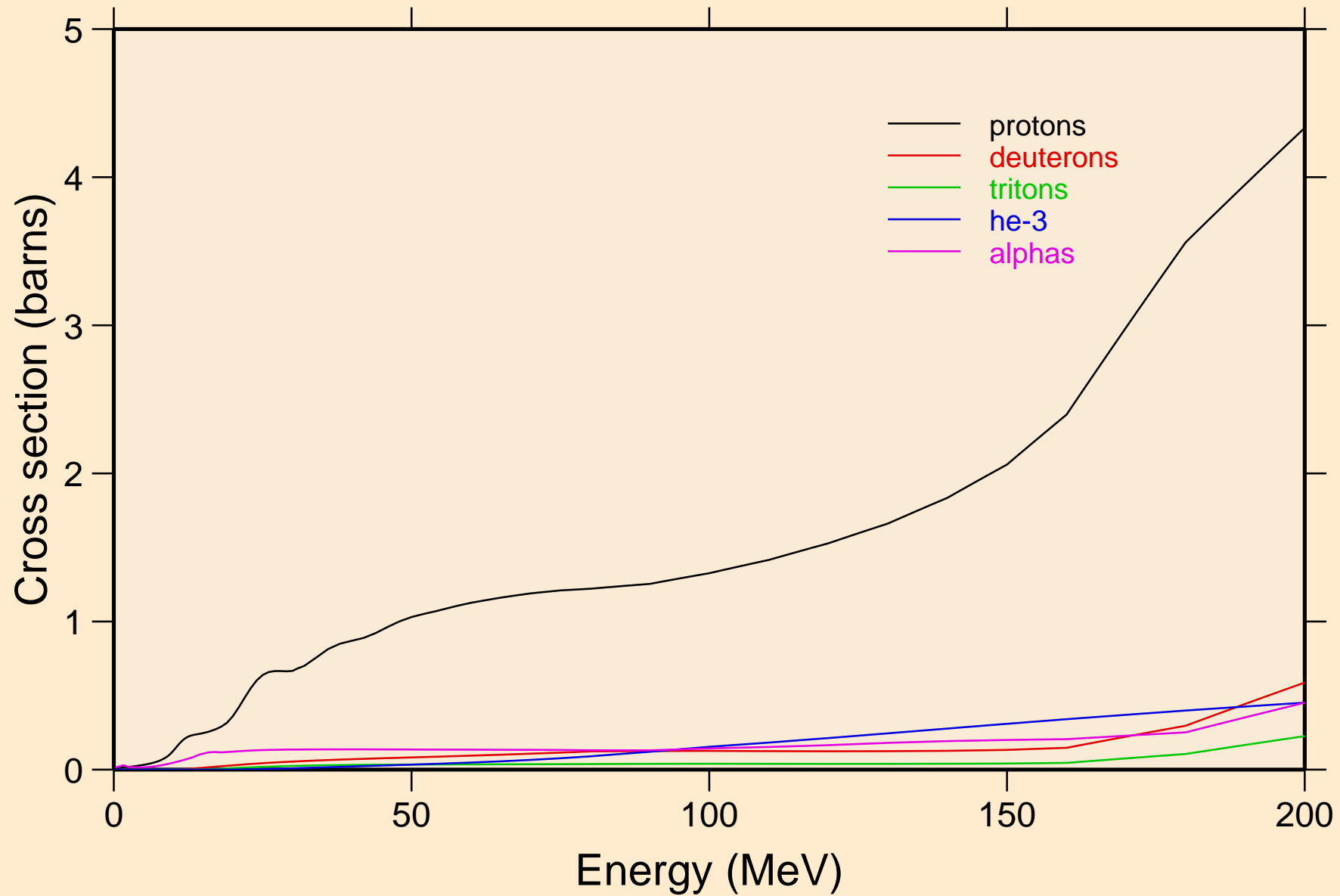


# TB148M NRG TENDL-2015, AKONING

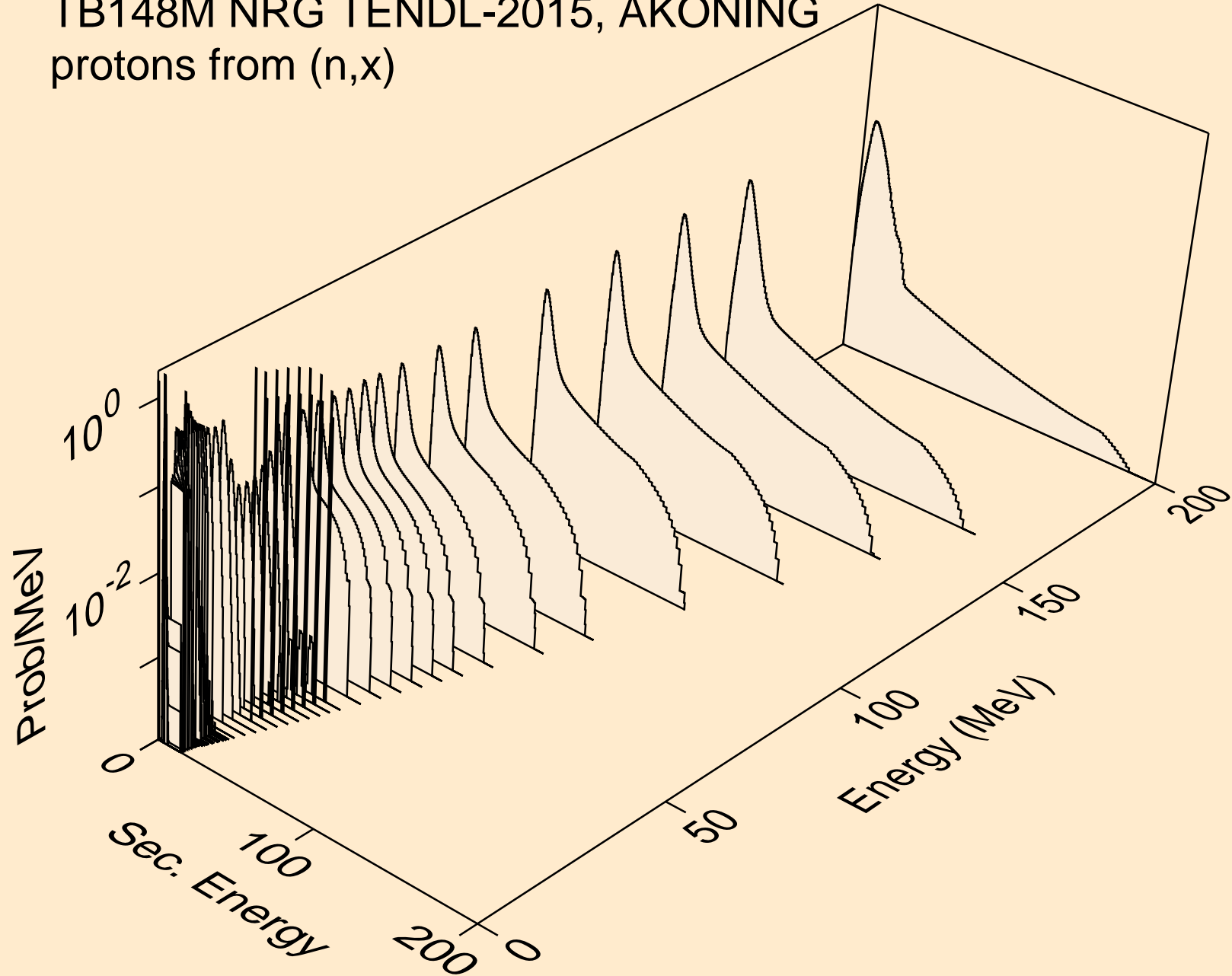
## Recoil Heating



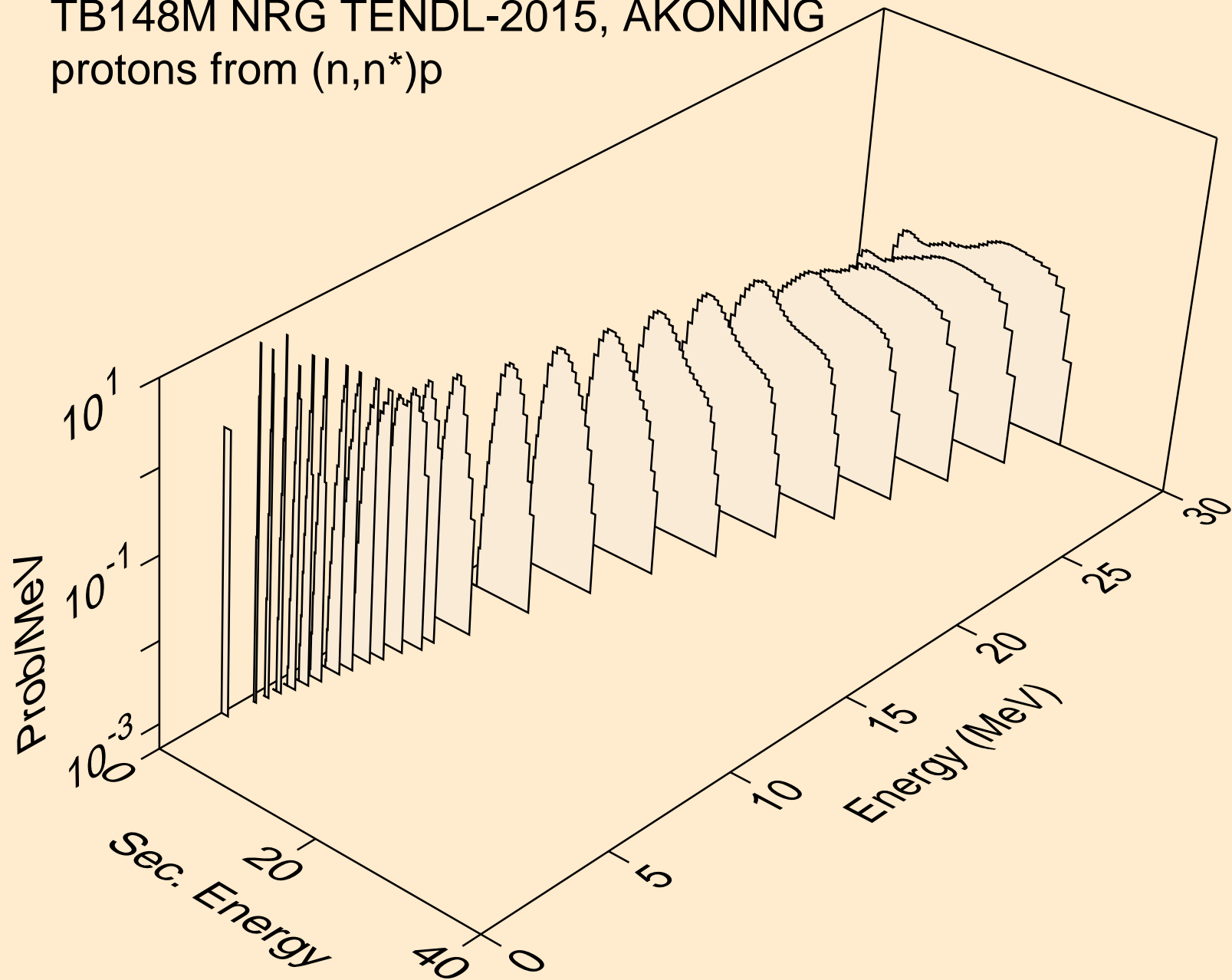
TB148M NRG TENDL-2015, AKONING  
Particle production cross sections



TB148M NRG TENDL-2015, AKONING  
protons from (n,x)

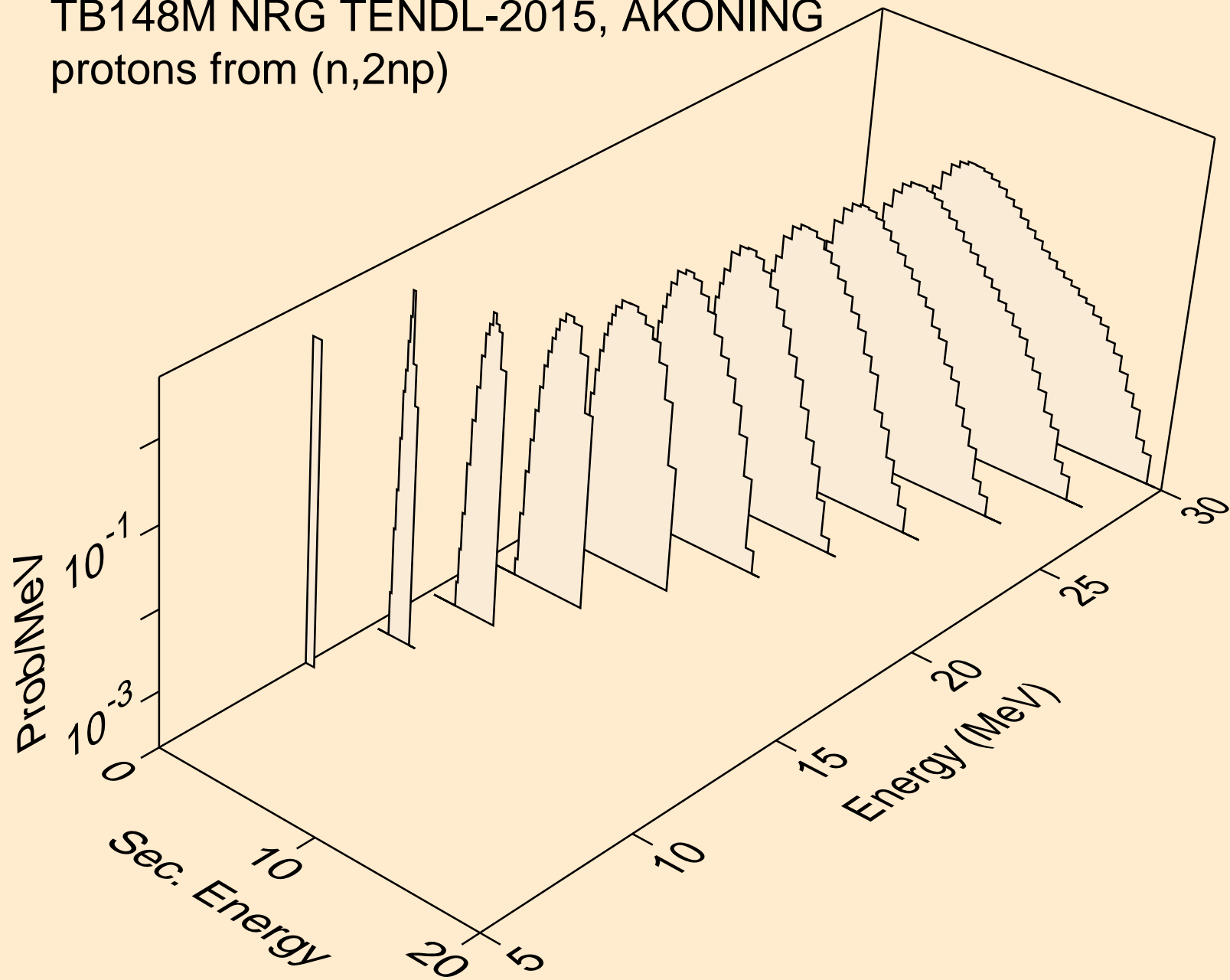


TB148M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

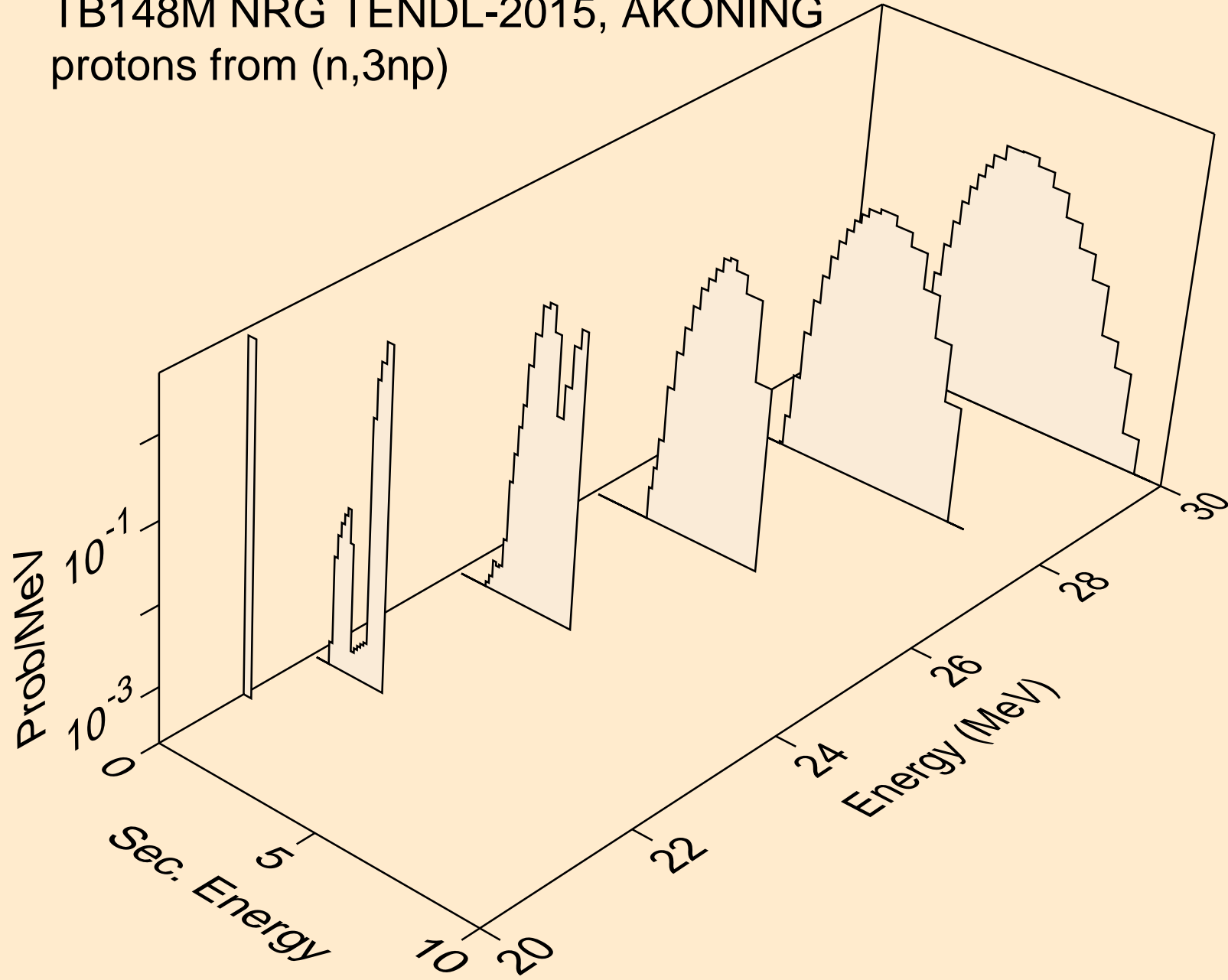




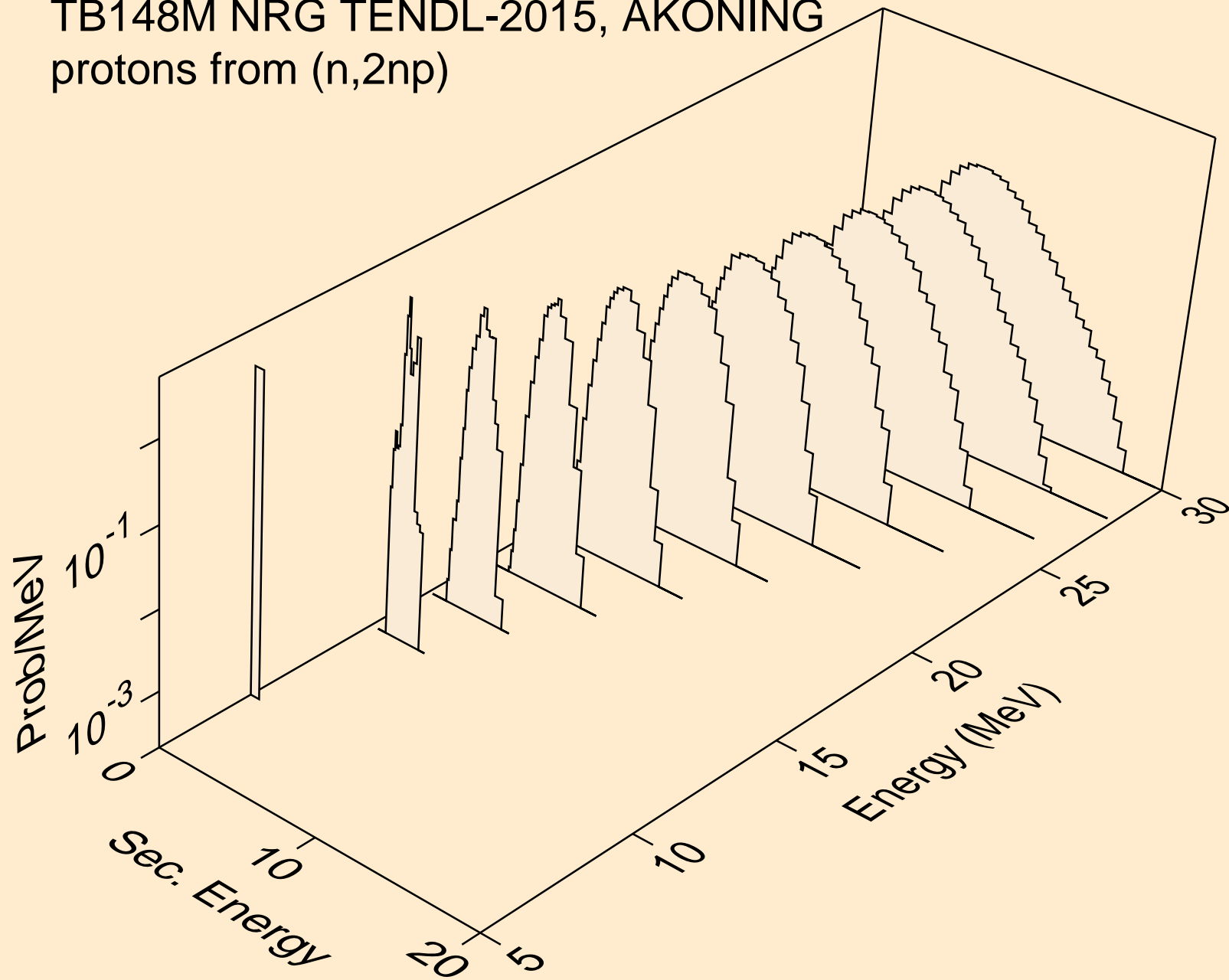
TB148M NRG TENDL-2015, AKONING  
protons from (n,2np)



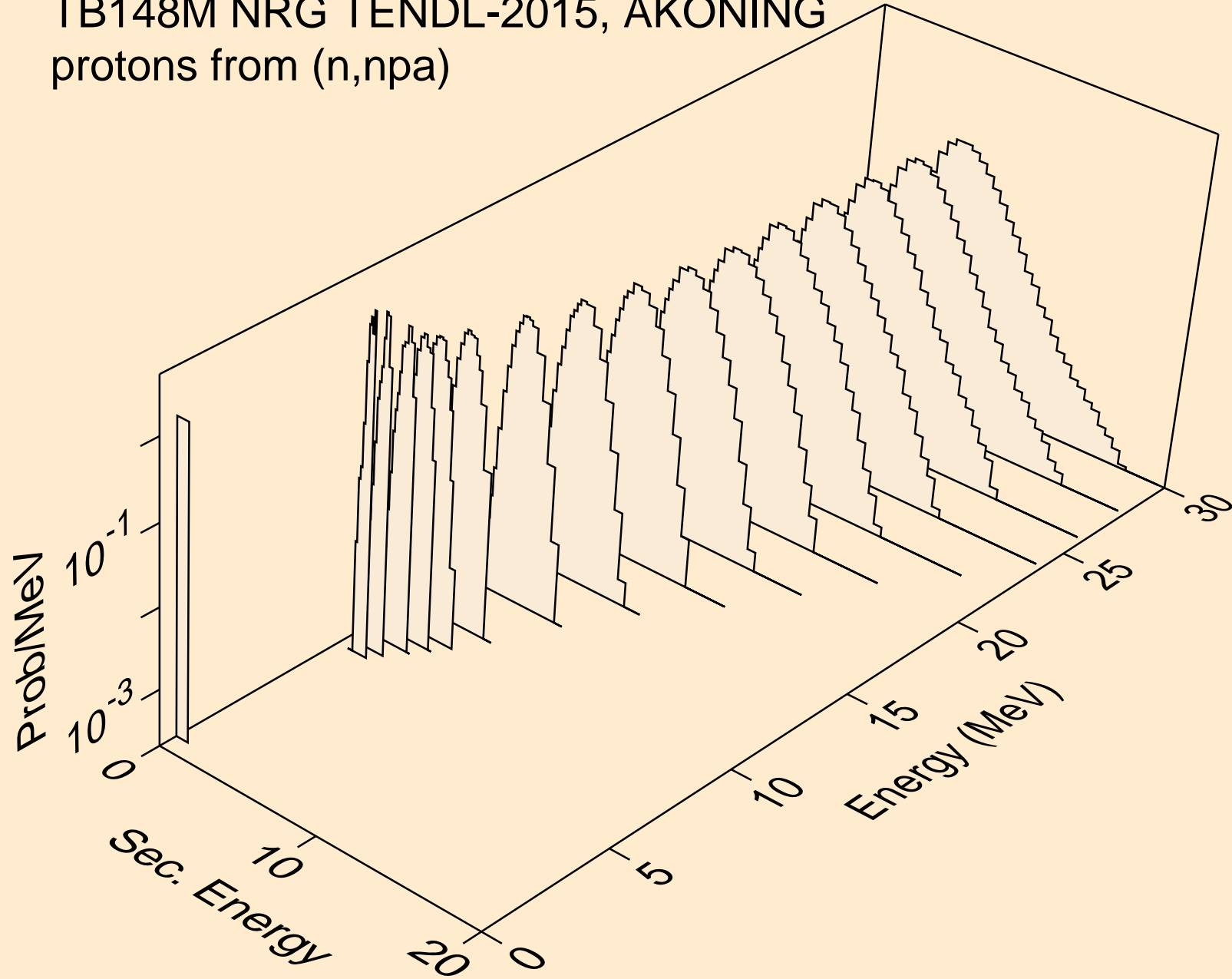
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protons from (n,3np)



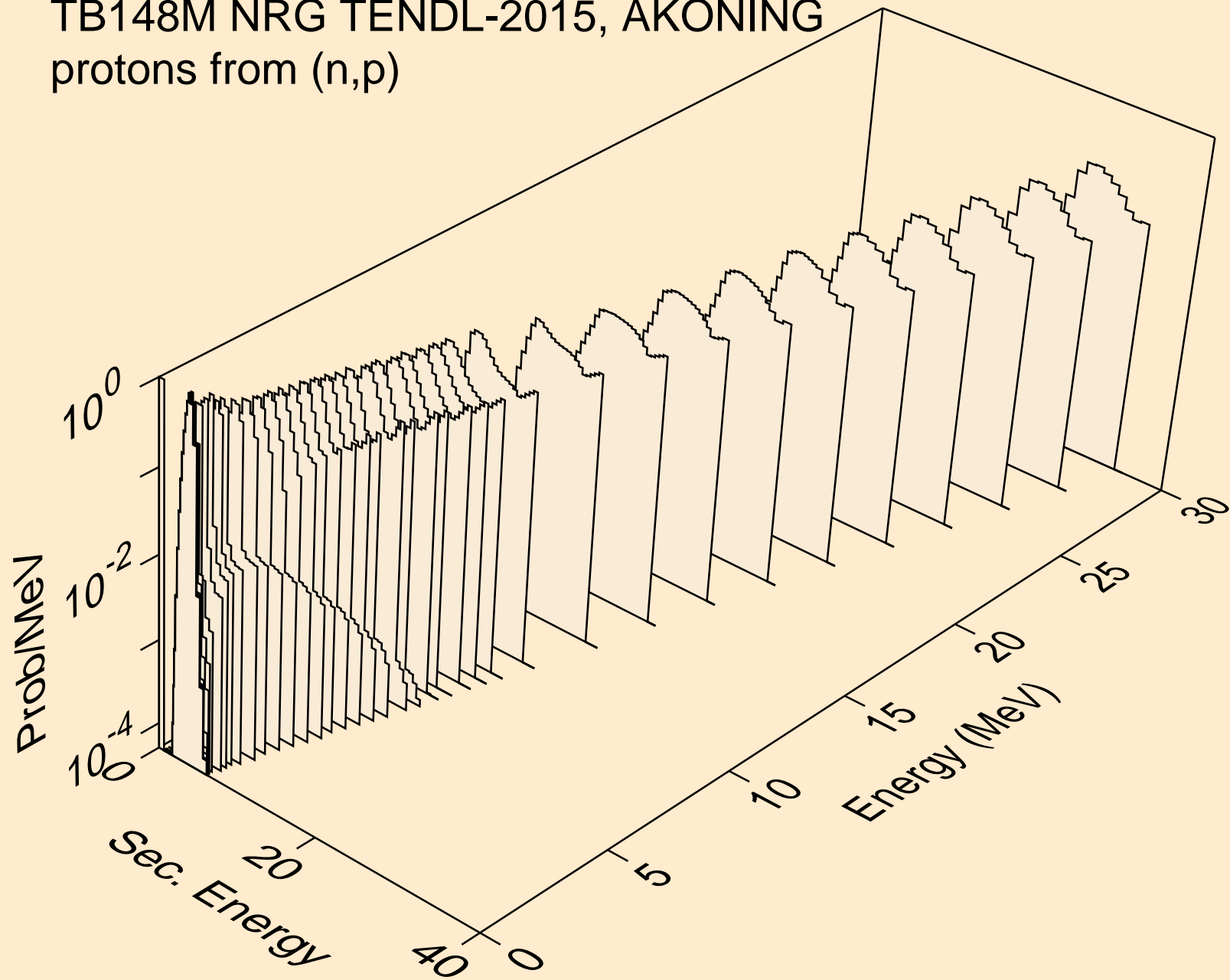
TB148M NRG TENDL-2015, AKONING  
protons from (n,2np)



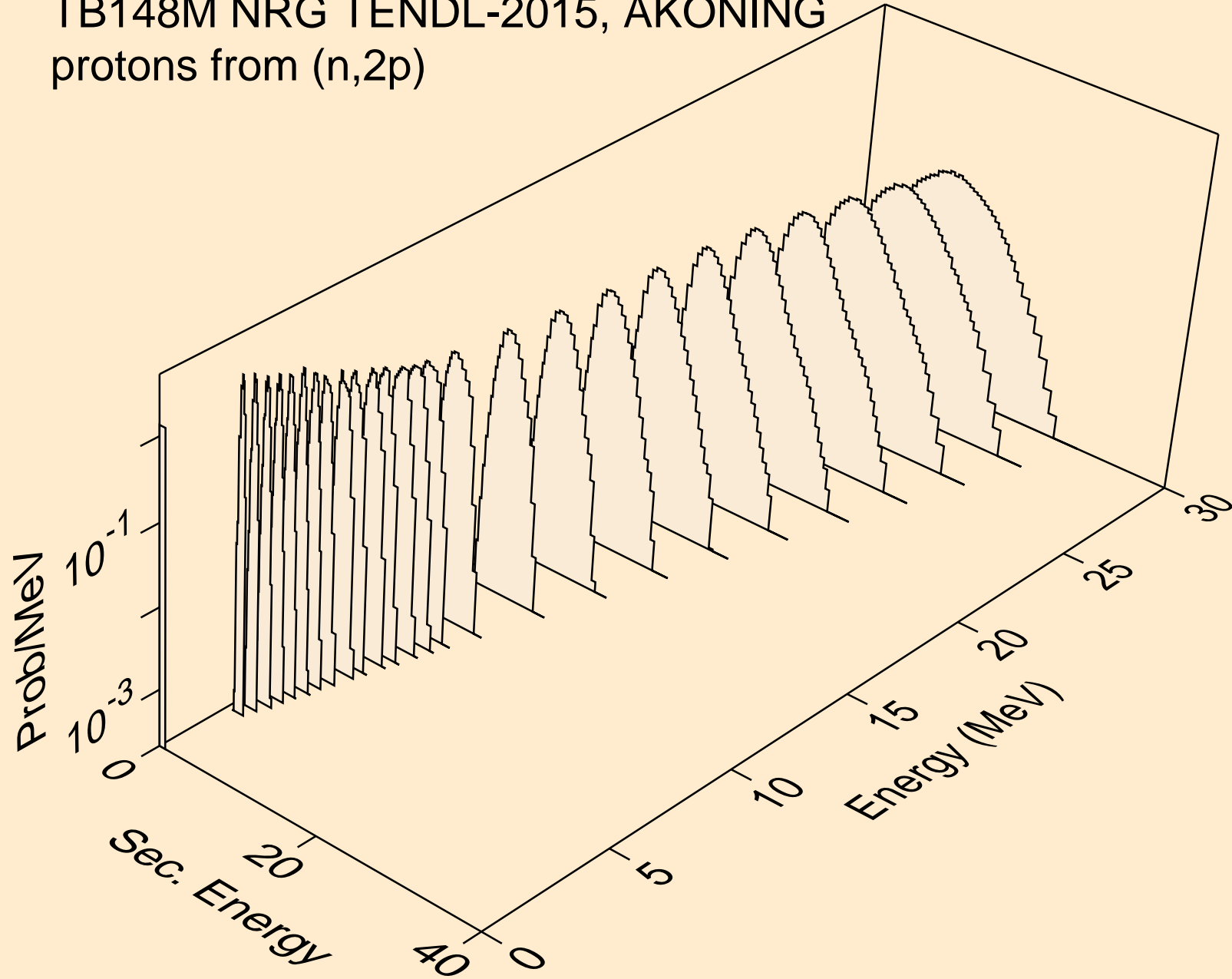
TB148M NRG TENDL-2015, AKONING  
protons from (n,npa)



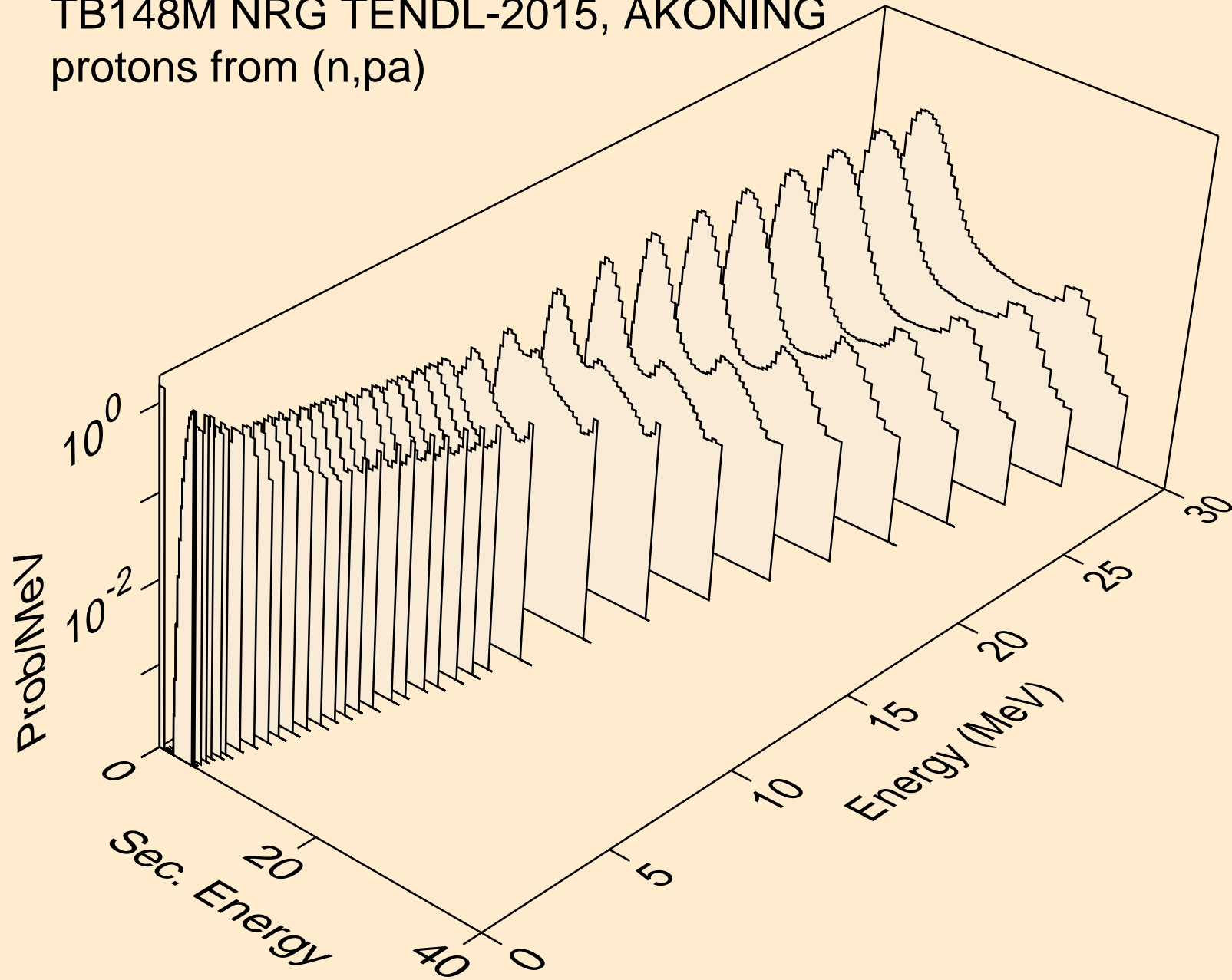
TB148M NRG TENDL-2015, AKONING  
protons from (n,p)



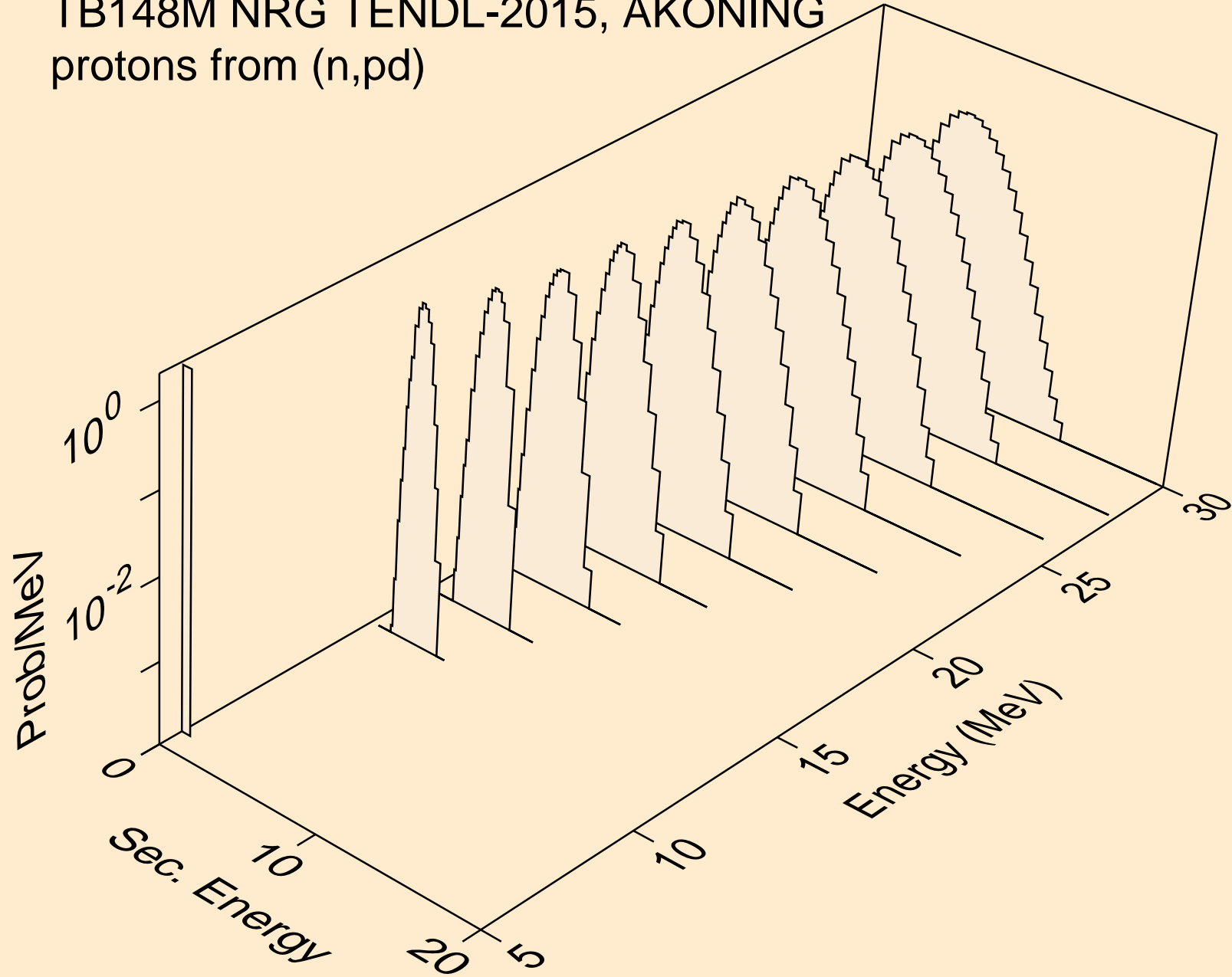
TB148M NRG TENDL-2015, AKONING  
protons from (n,2p)



TB148M NRG TENDL-2015, AKONING  
protons from (n,pa)

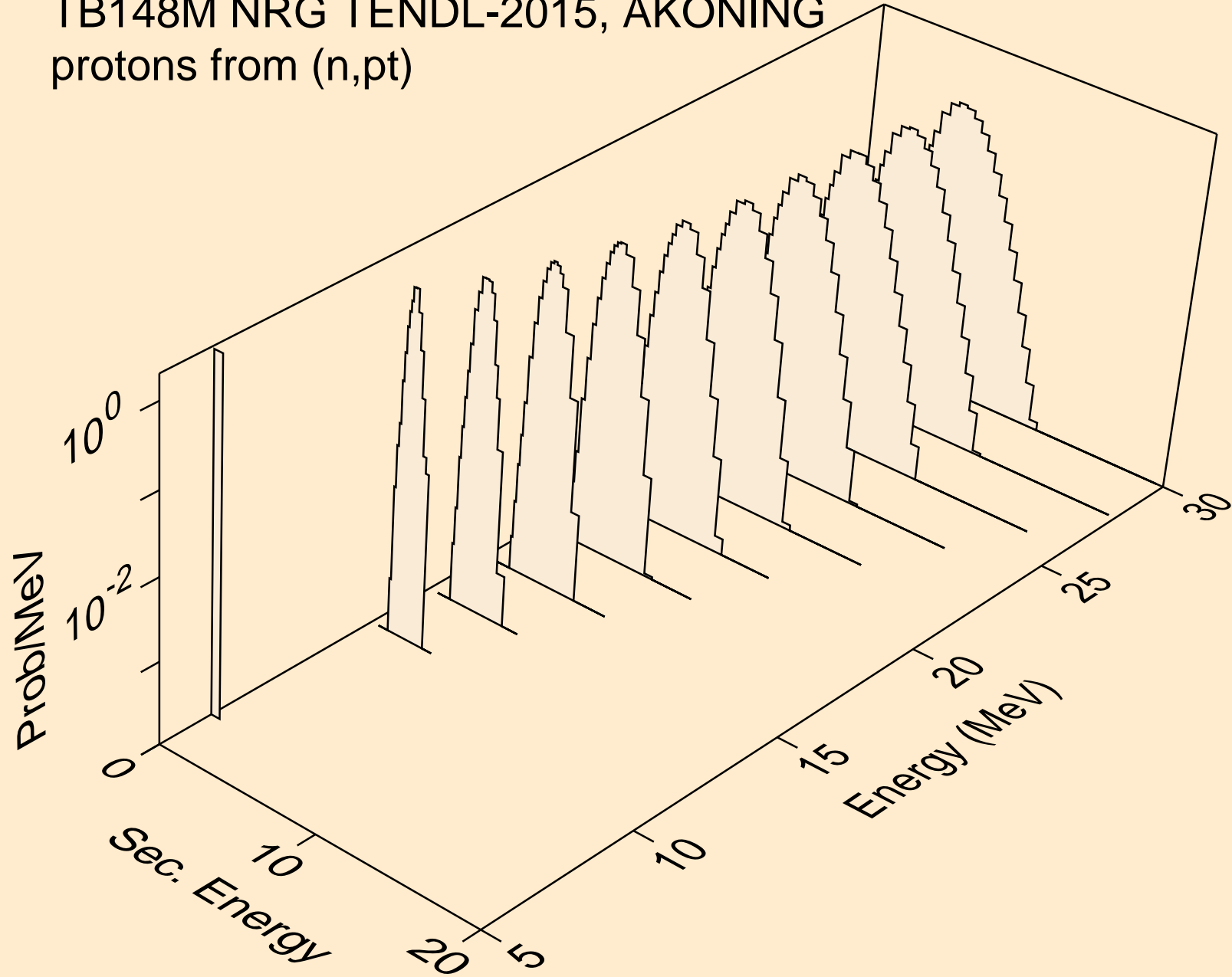


TB148M NRG TENDL-2015, AKONING  
protons from (n,pd)

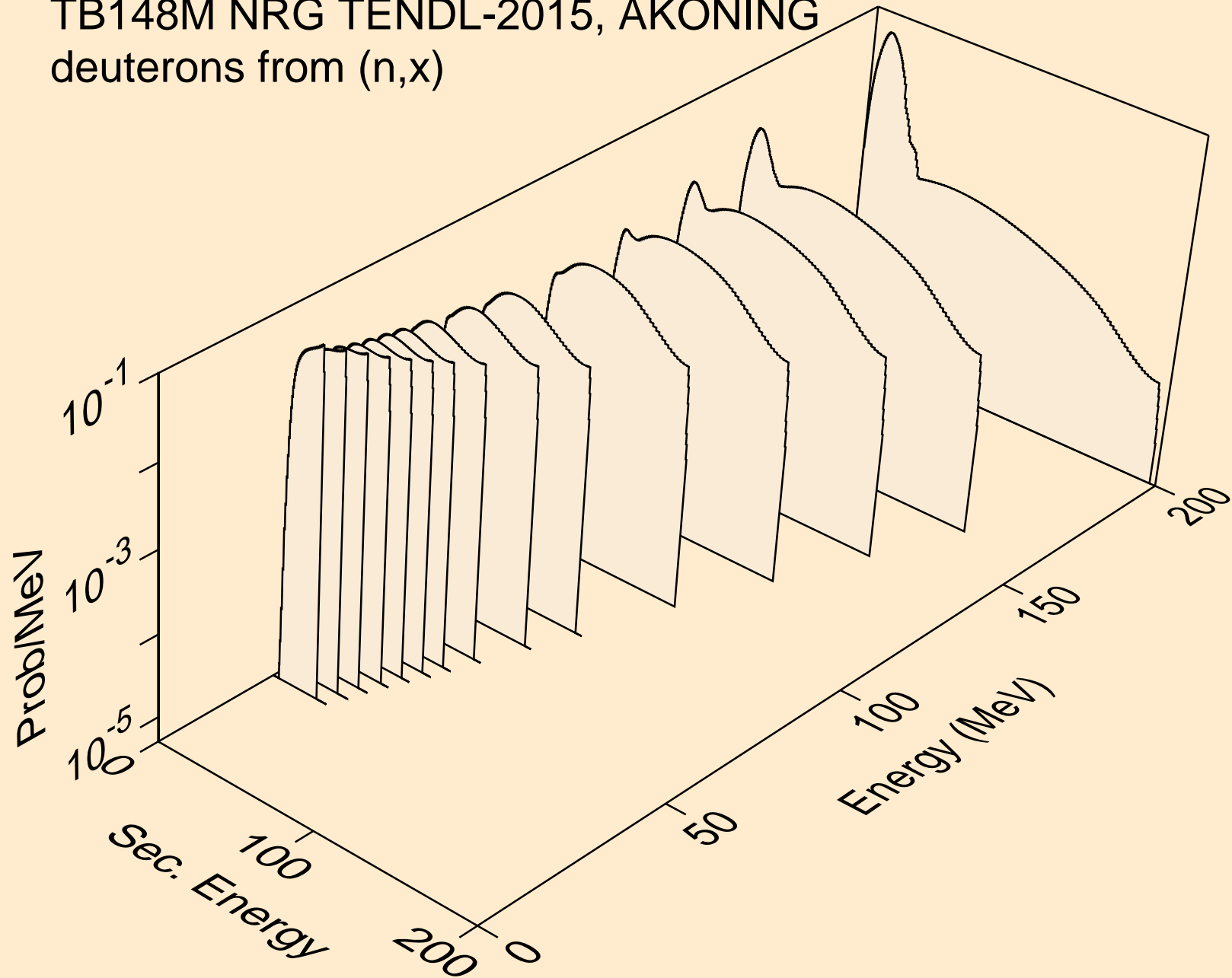




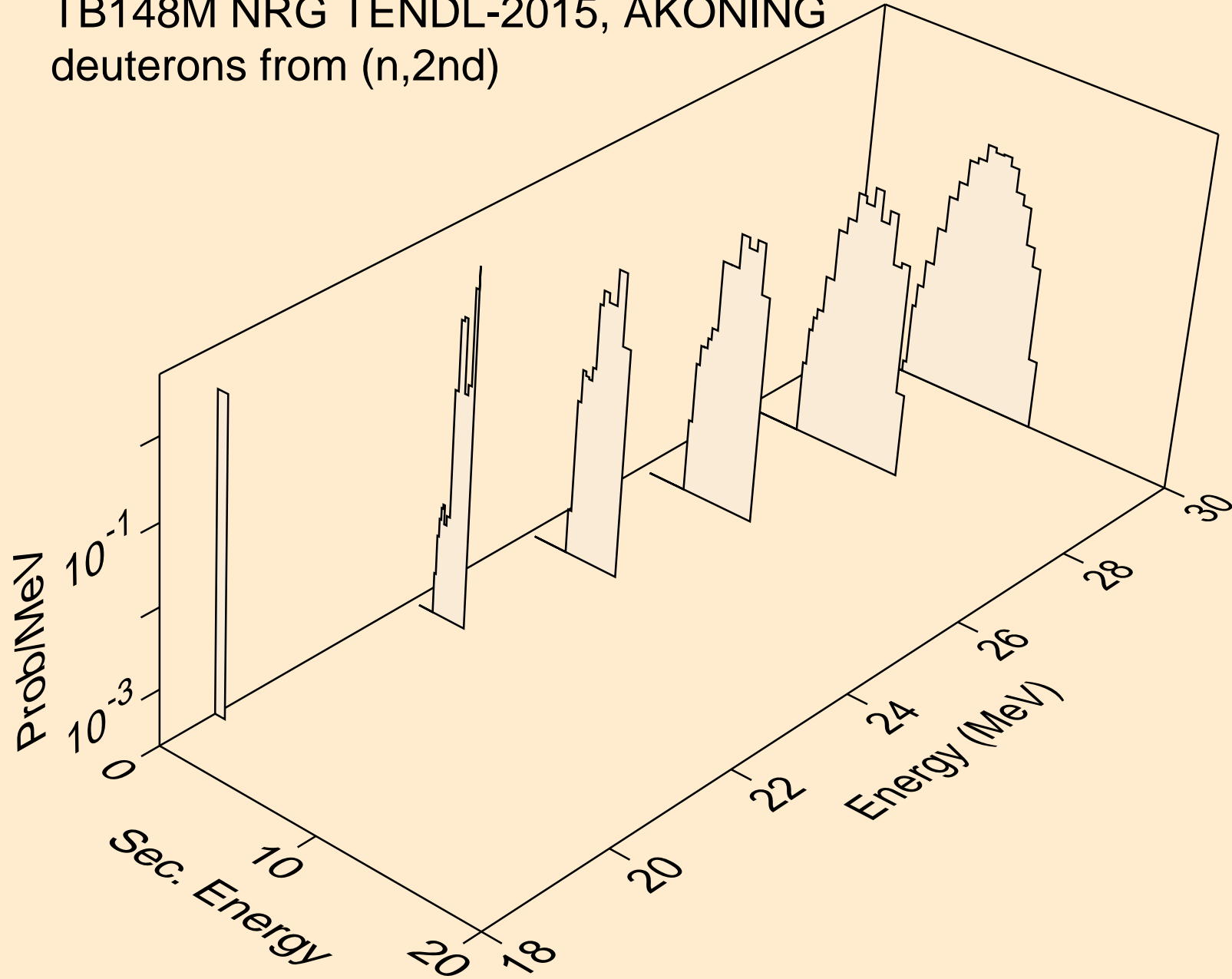
TB148M NRG TENDL-2015, AKONING  
protons from (n,pt)



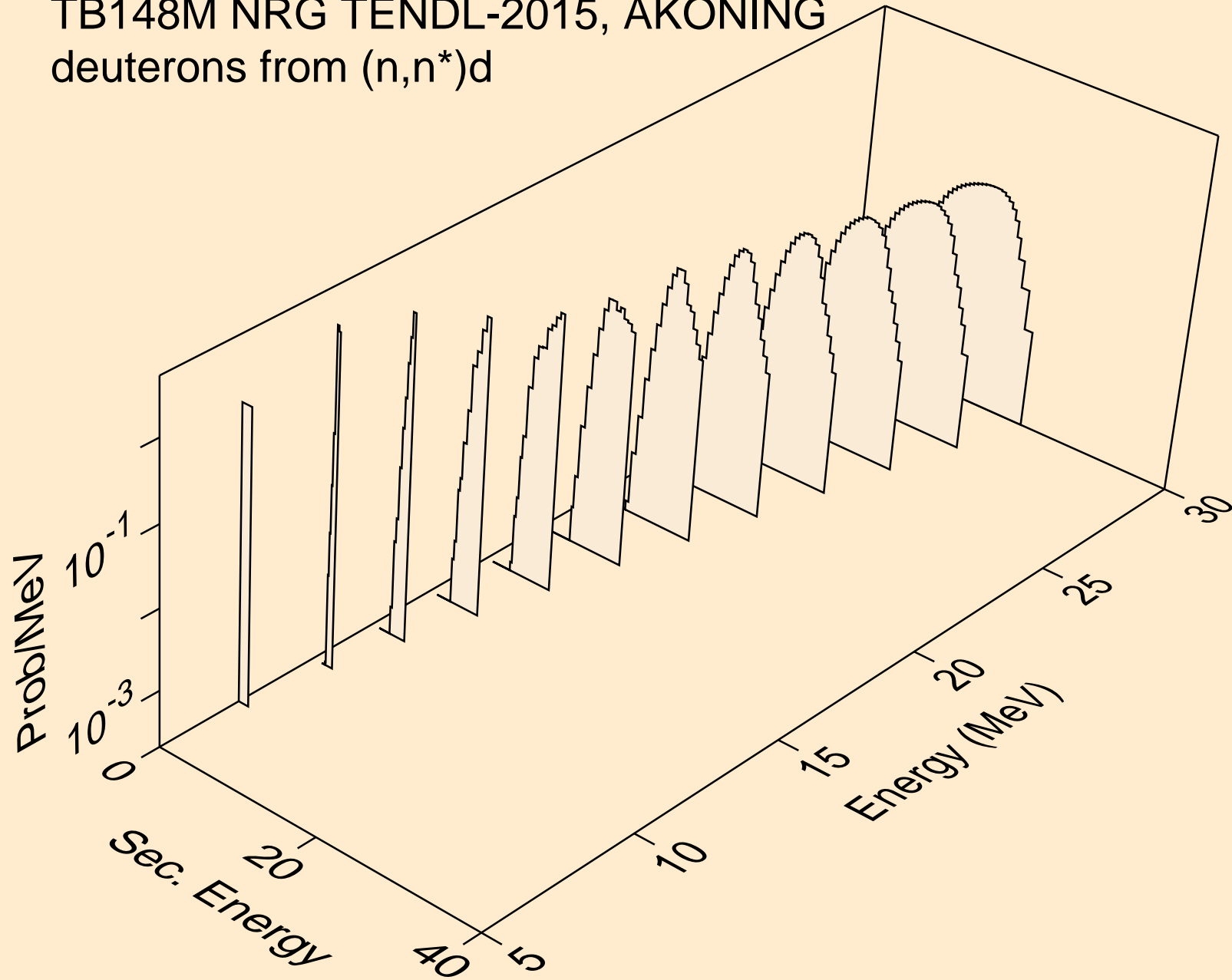
TB148M NRG TENDL-2015, AKONING  
deuterons from (n,x)



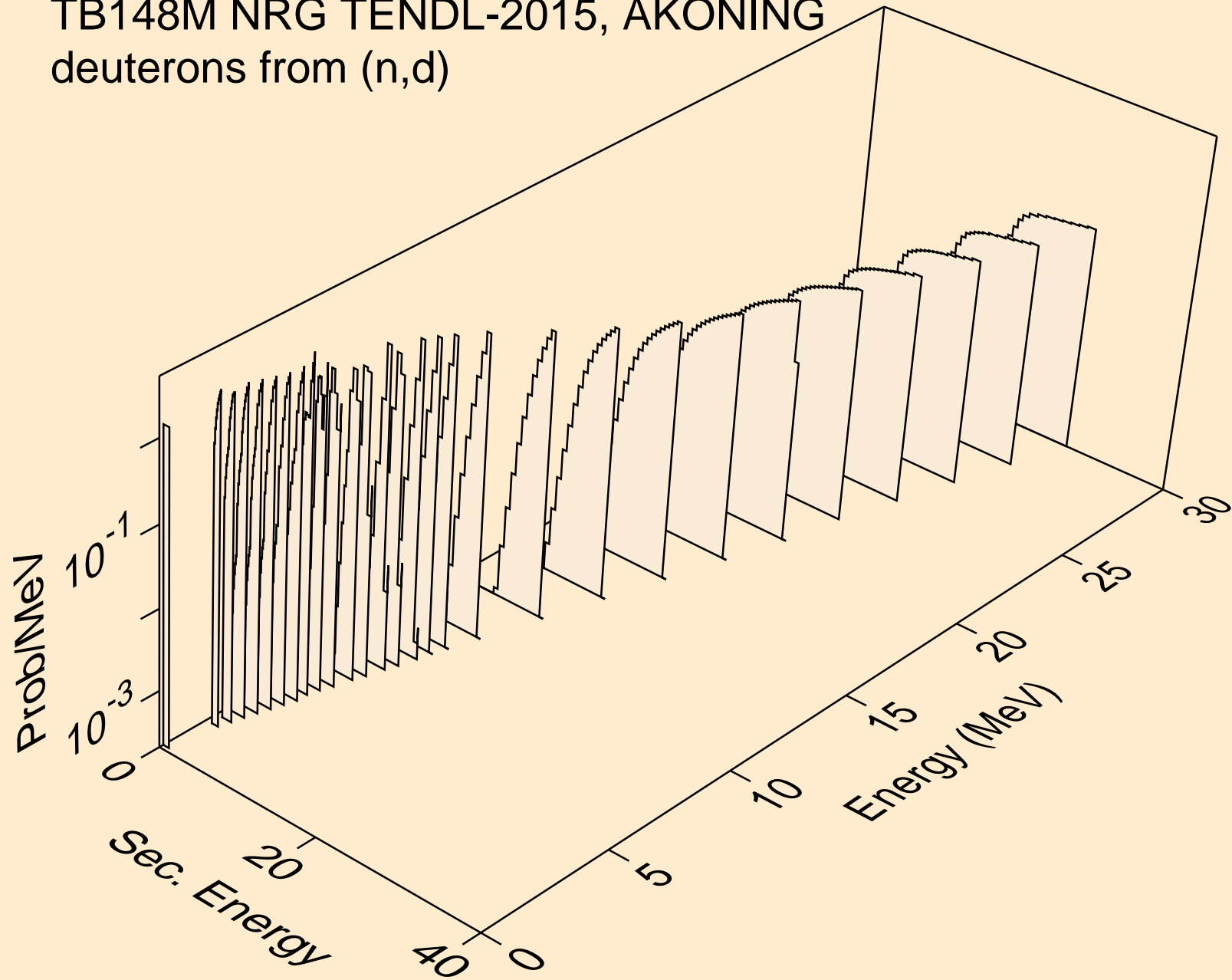
TB148M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



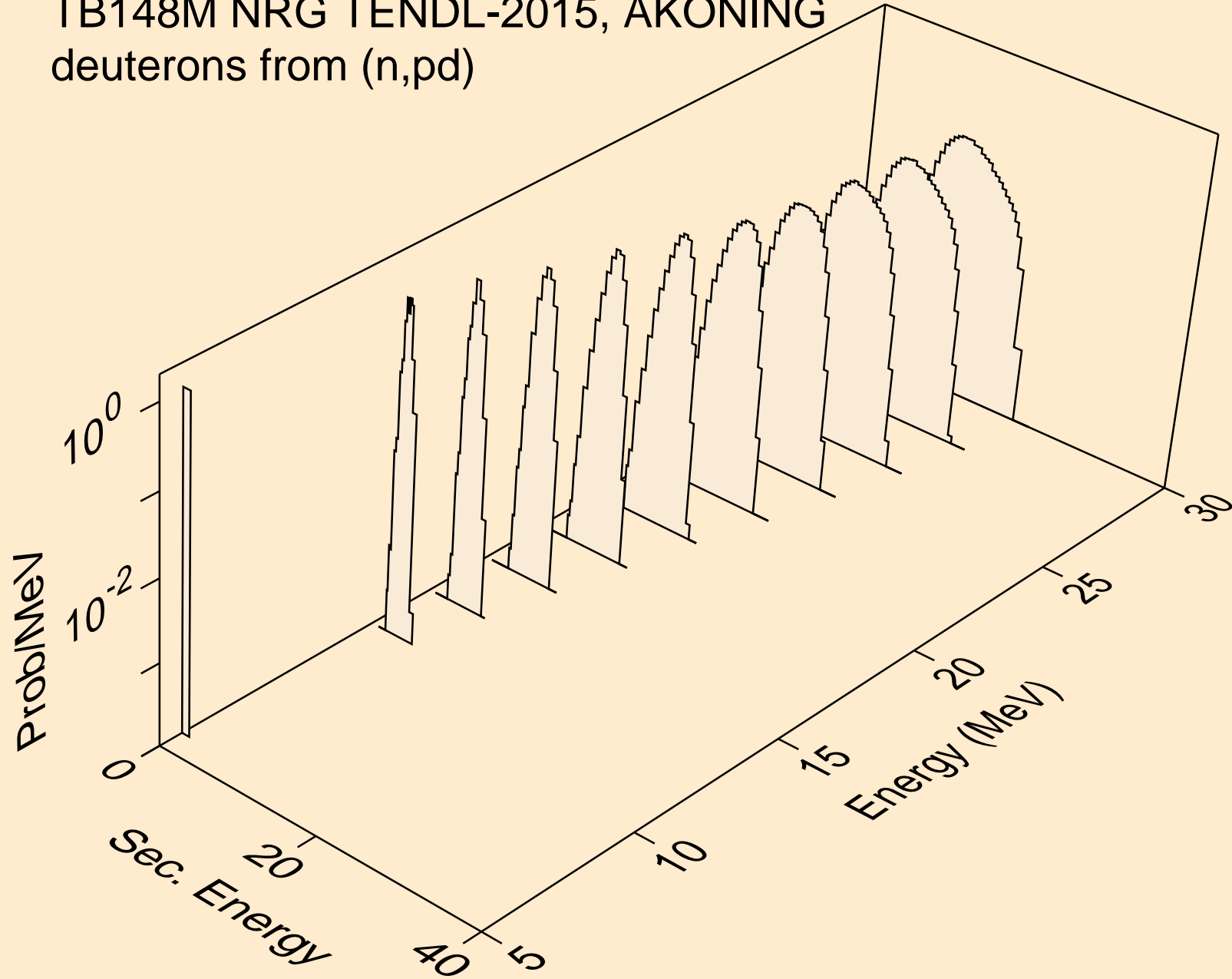
TB148M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



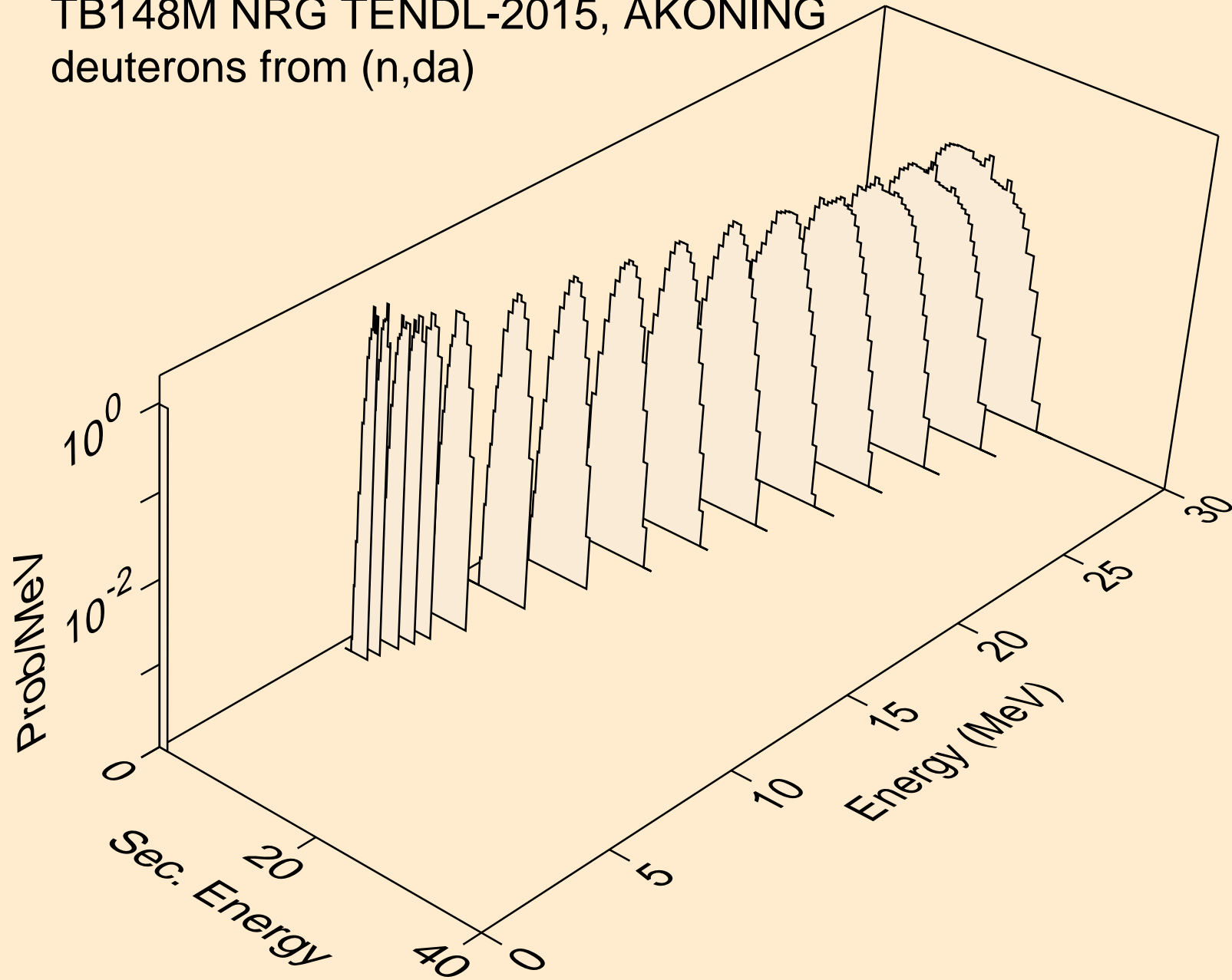
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deuterons from (n,d)



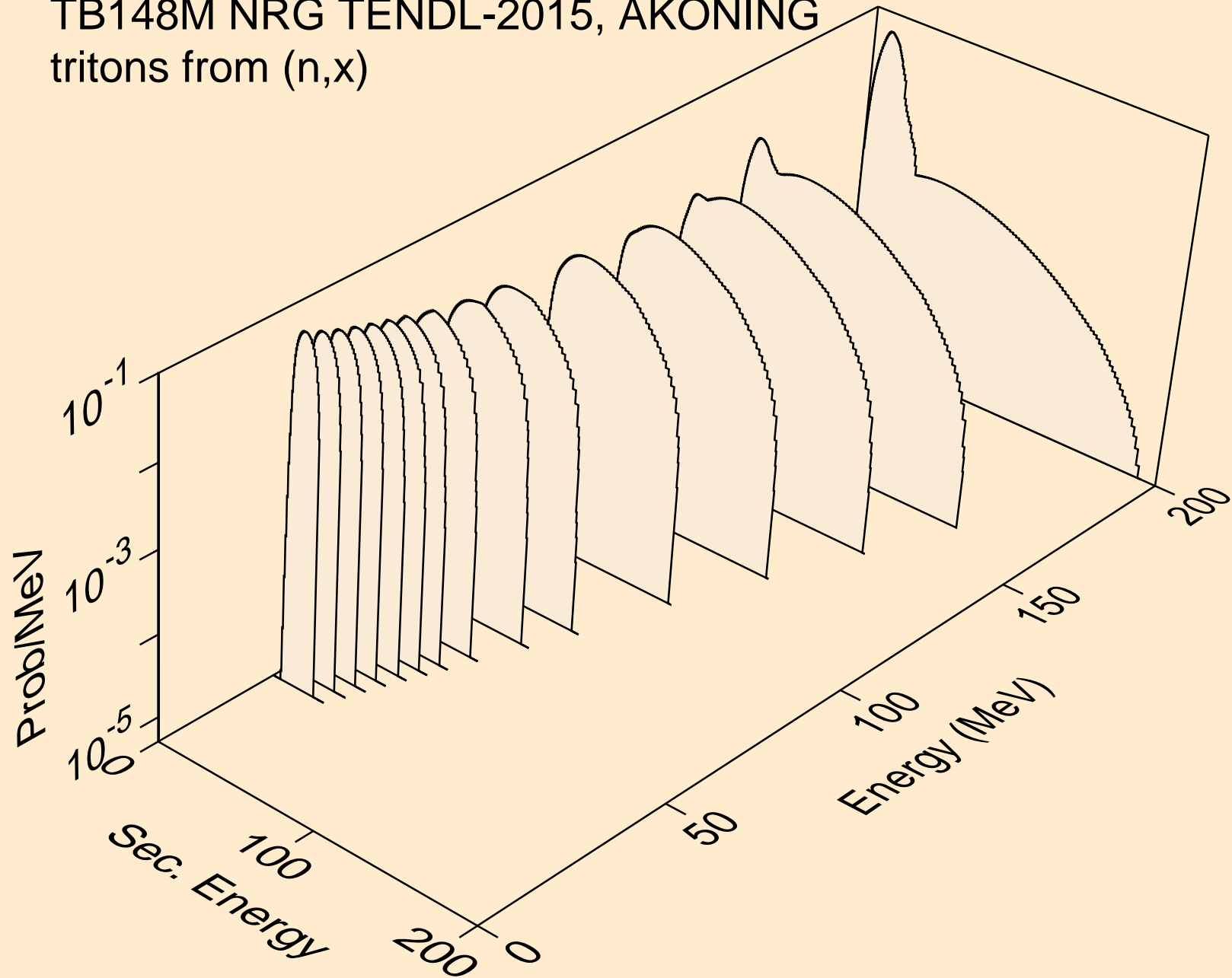
TB148M NRG TENDL-2015, AKONING  
deuterons from (n,pd)



TB148M NRG TENDL-2015, AKONING  
deuterons from (n,da)

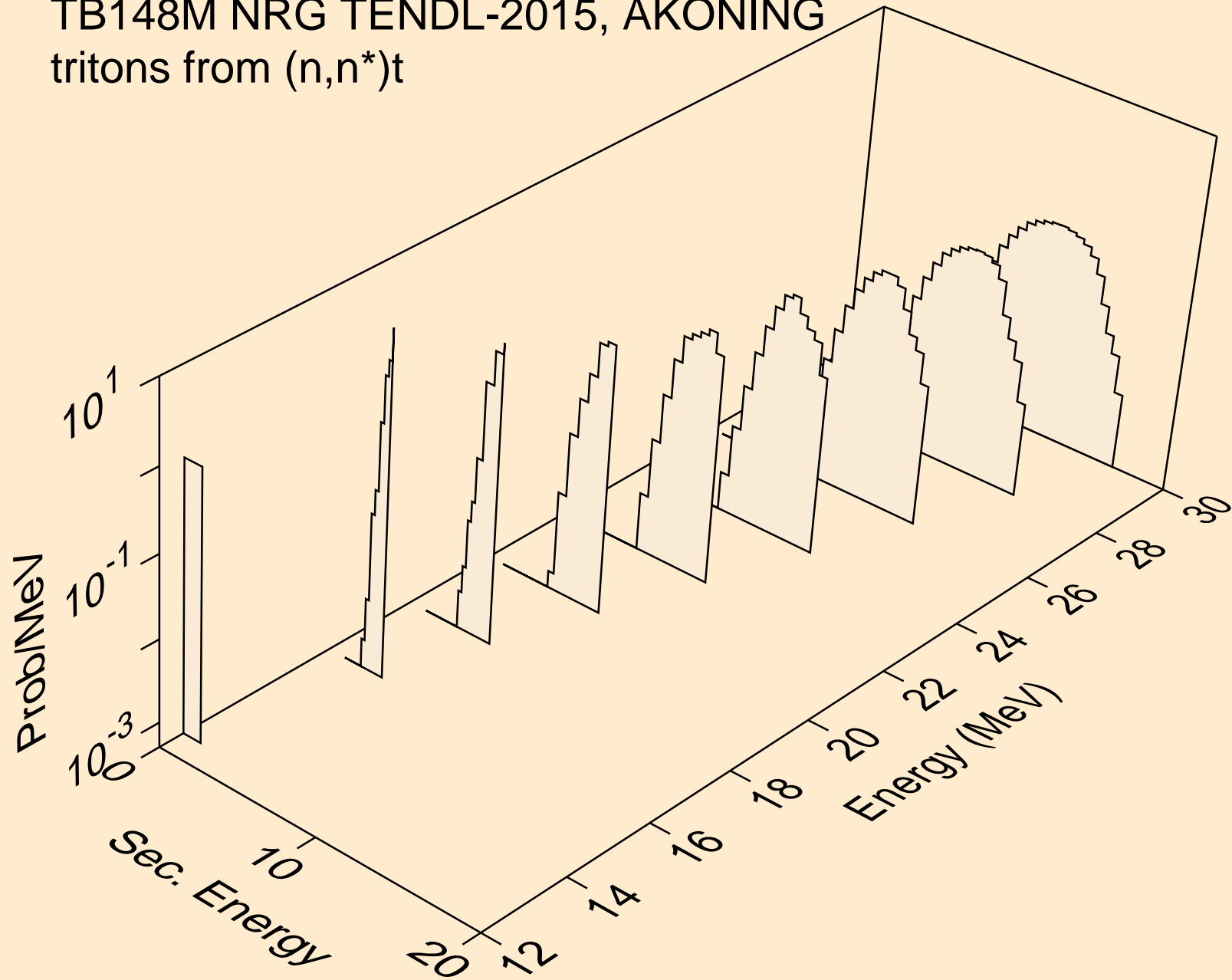


TB148M NRG TENDL-2015, AKONING  
tritons from (n,x)

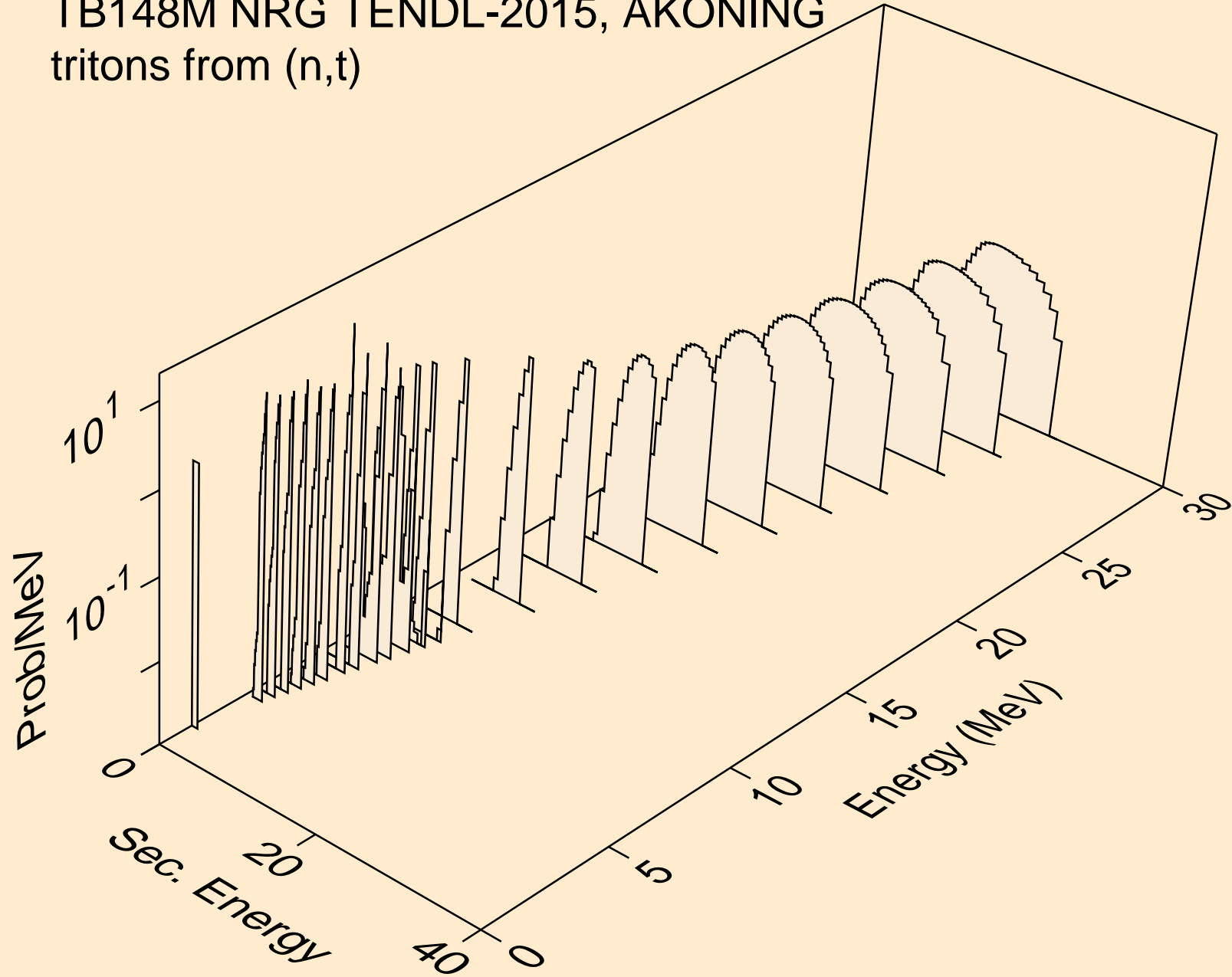




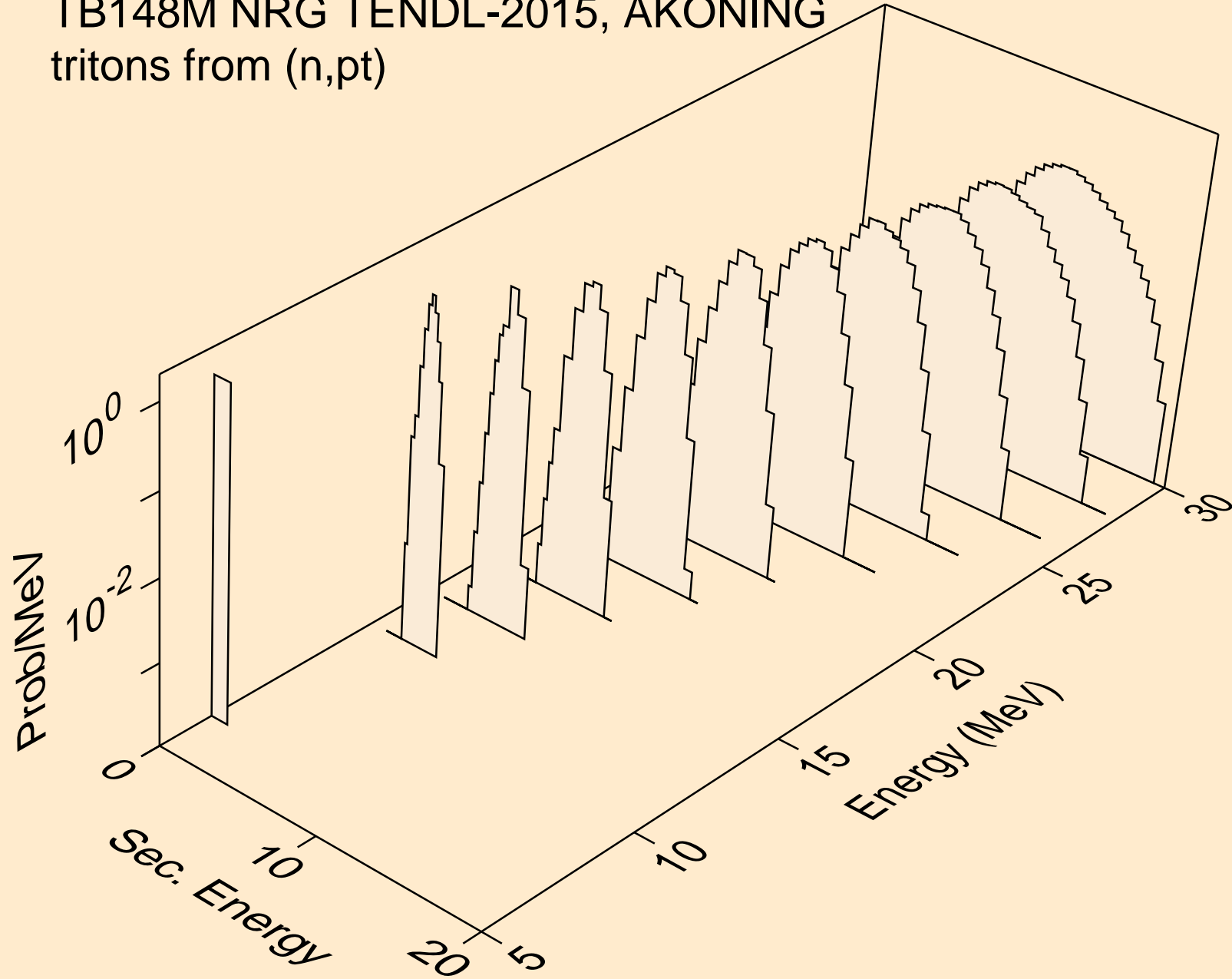
TB148M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



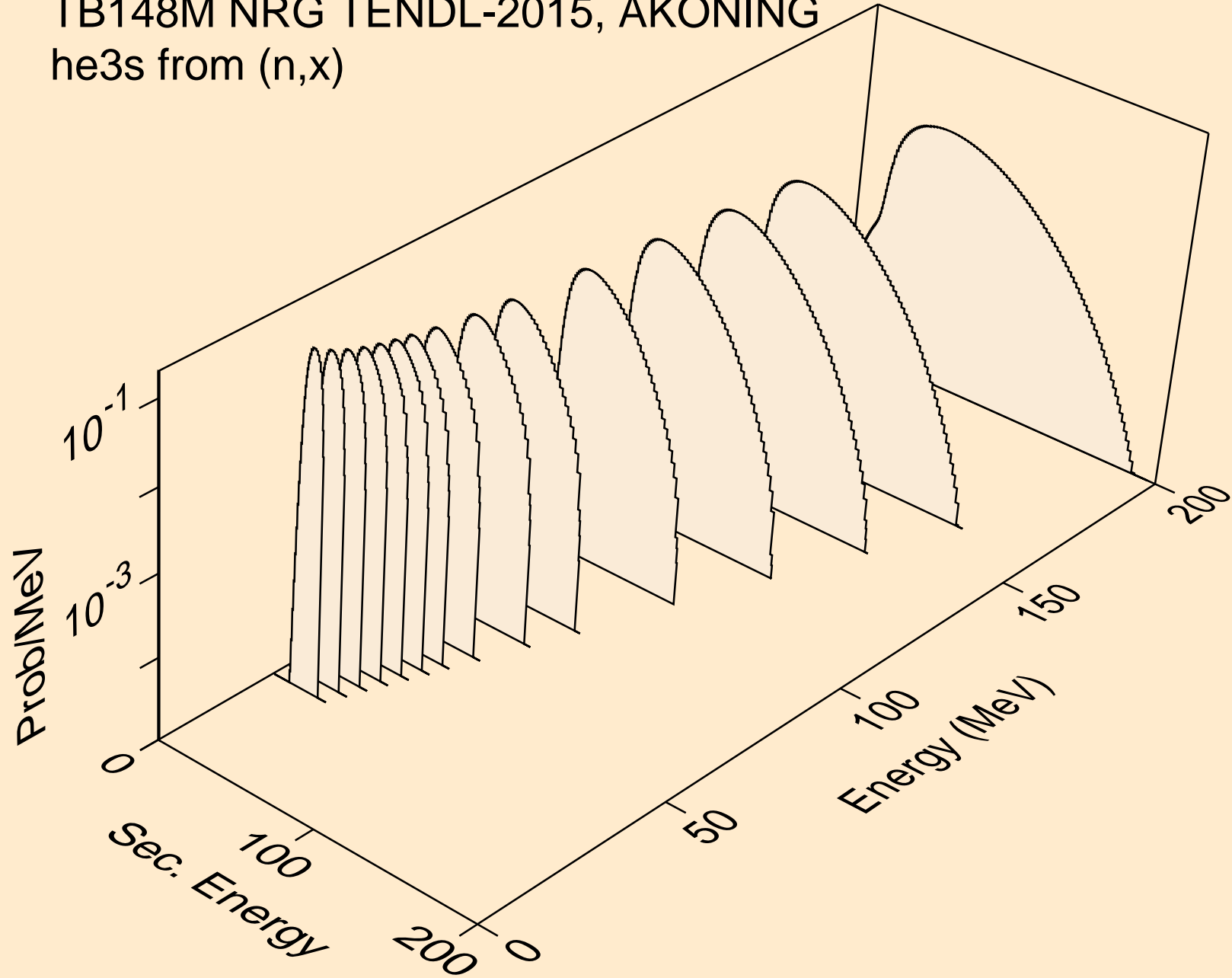
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tritons from (n,t)



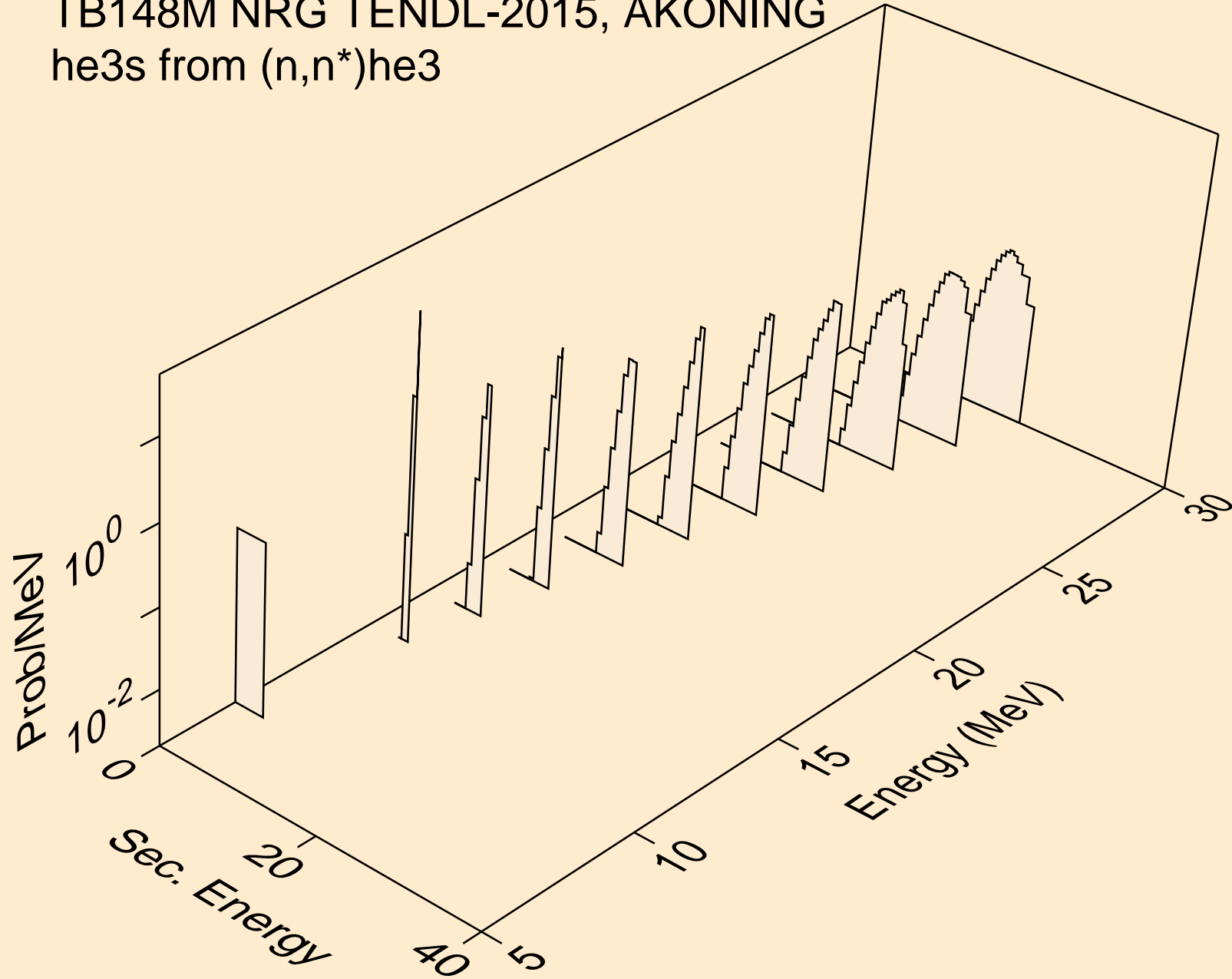
TB148M NRG TENDL-2015, AKONING  
tritons from (n,pt)



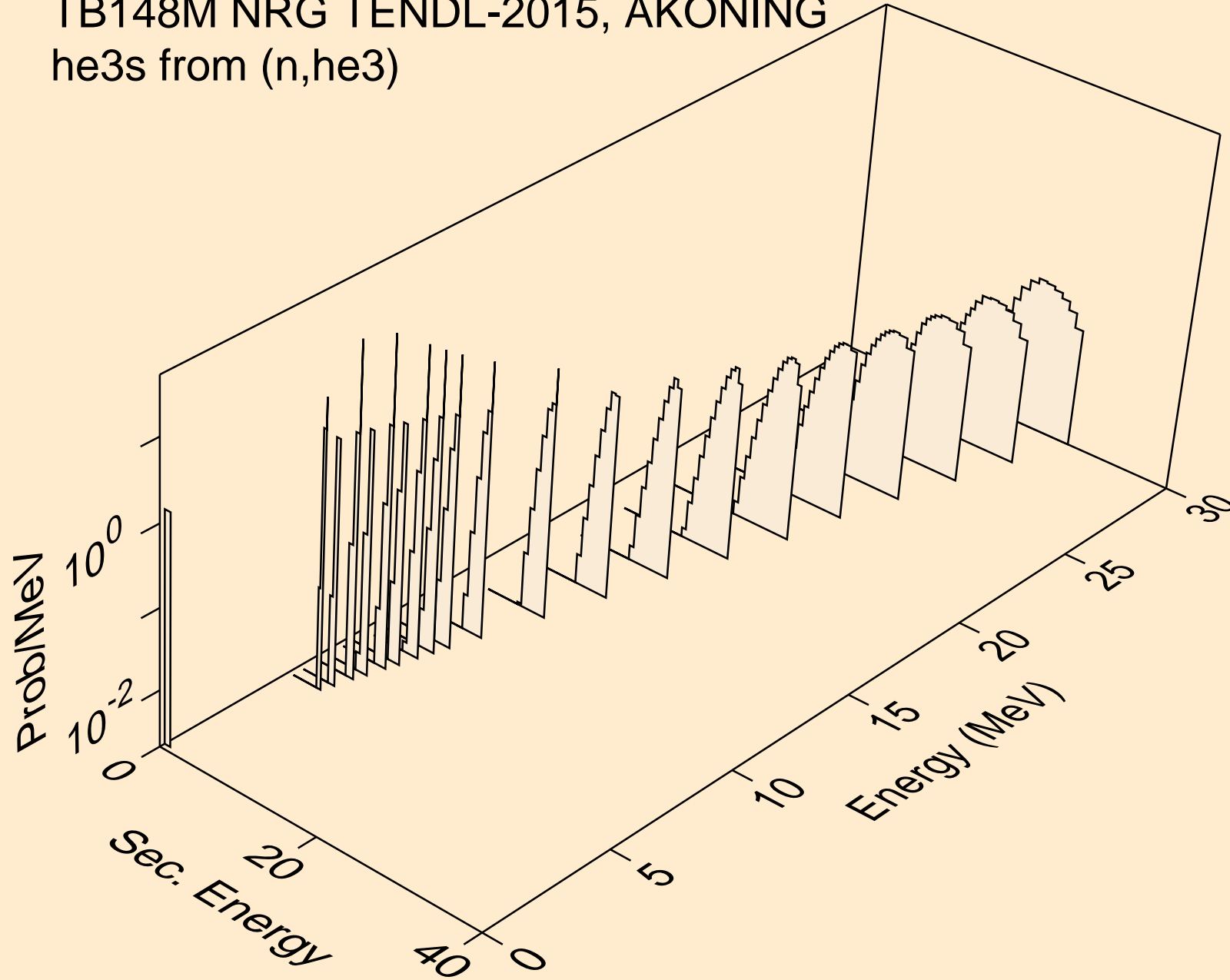
TB148M NRG TENDL-2015, AKONING  
he3s from (n,x)



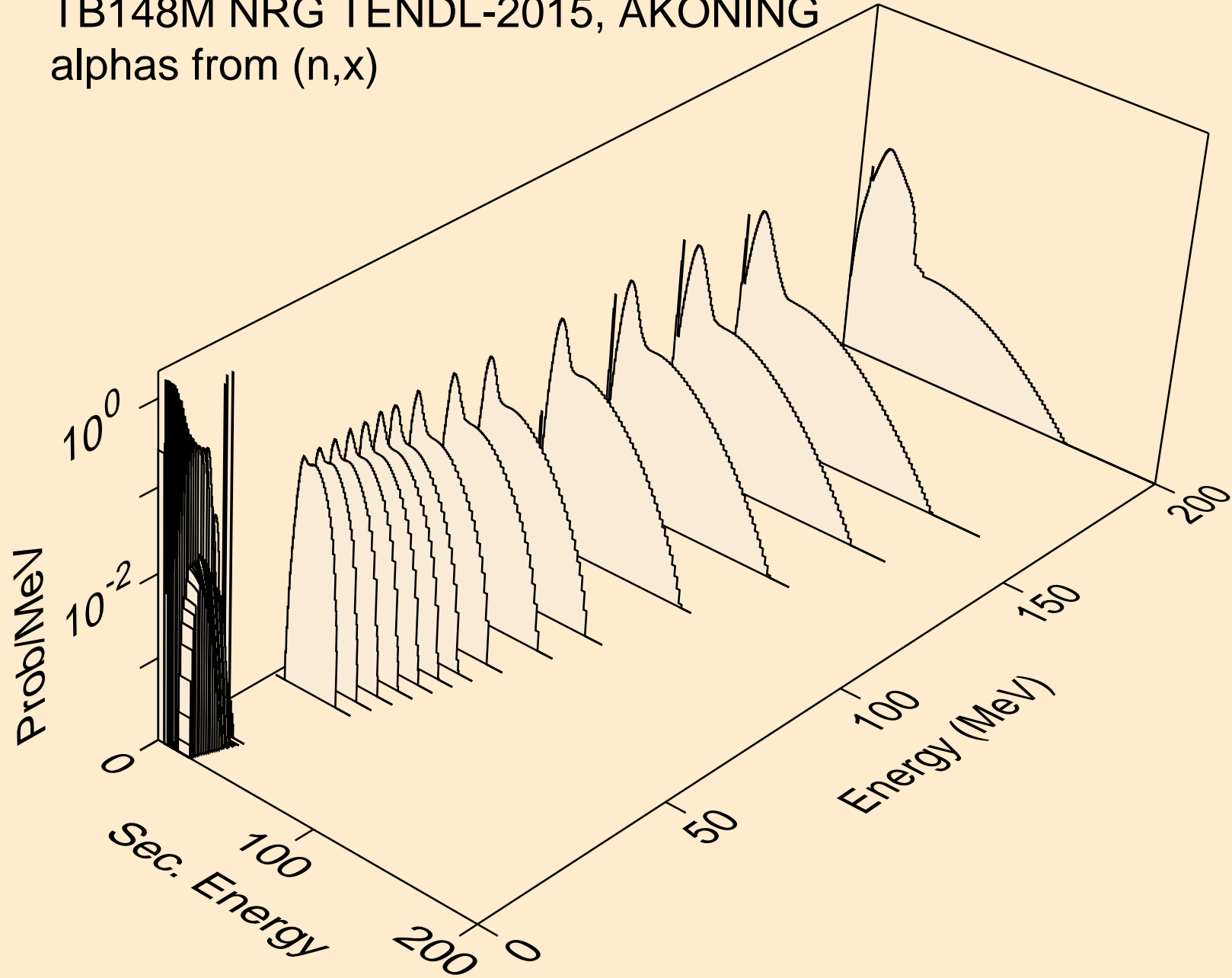
TB148M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



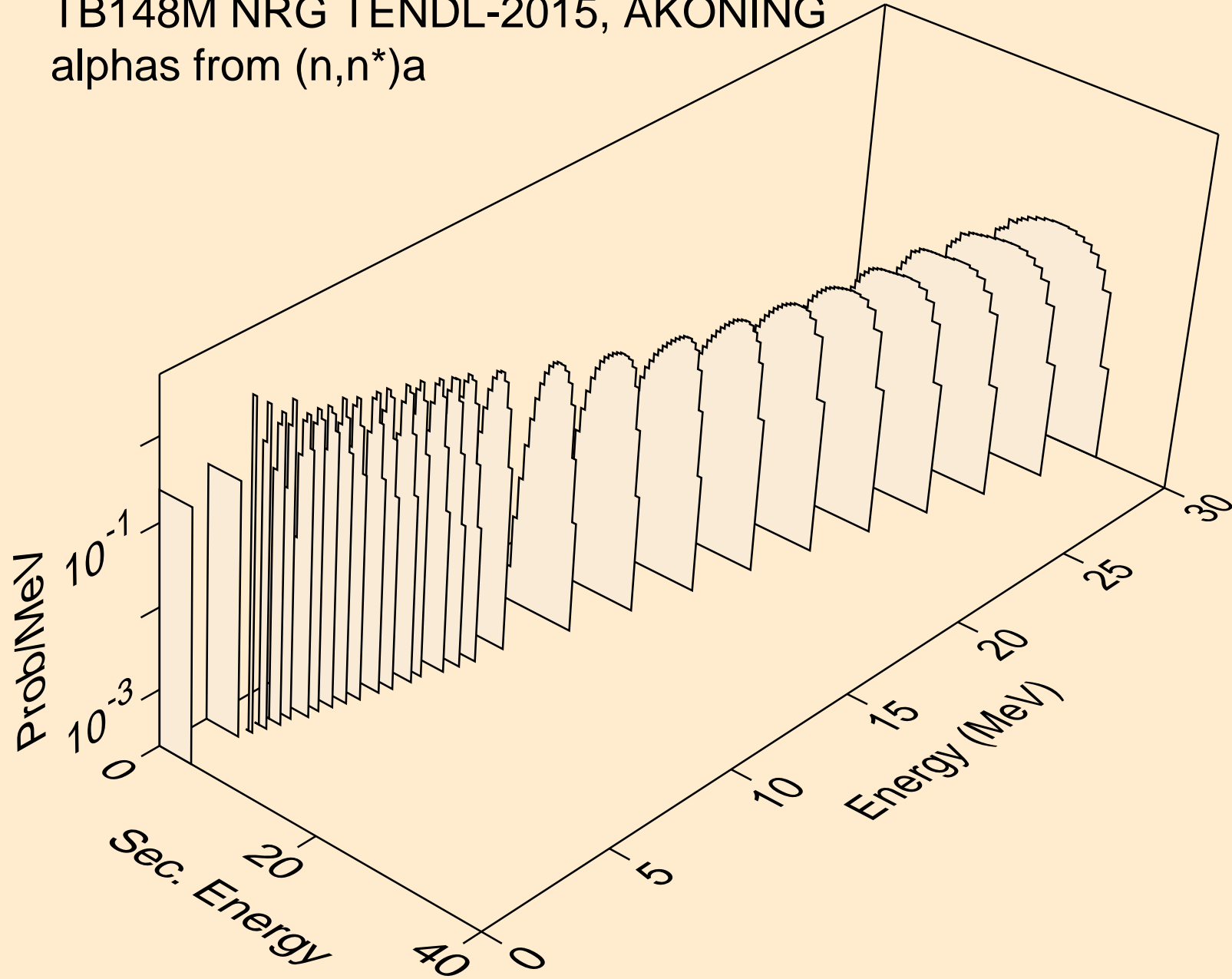
TB148M NRG TENDL-2015, AKONING  
he3s from (n,he3)



TB148M NRG TENDL-2015, AKONING  
alphas from (n,x)

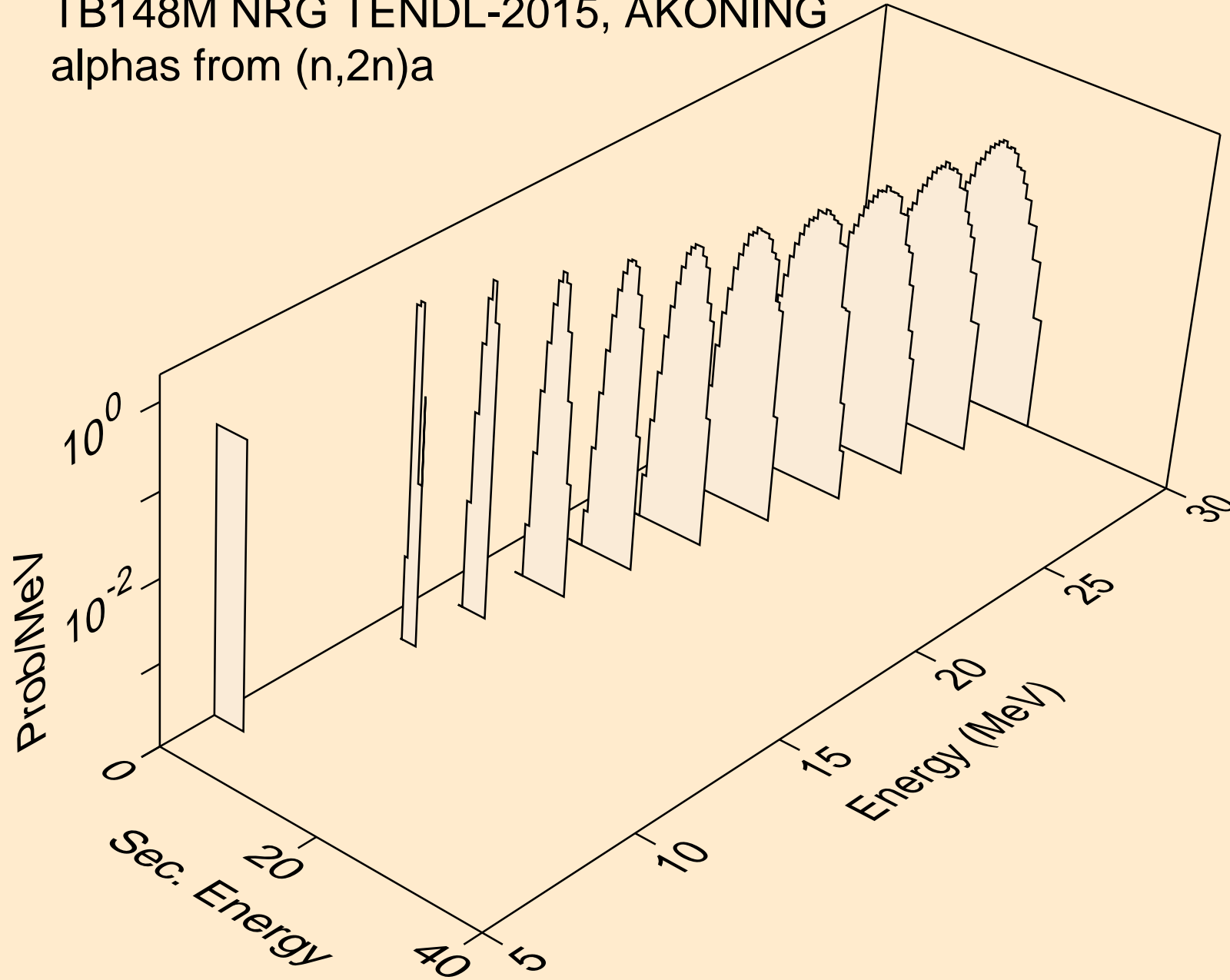


TB148M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

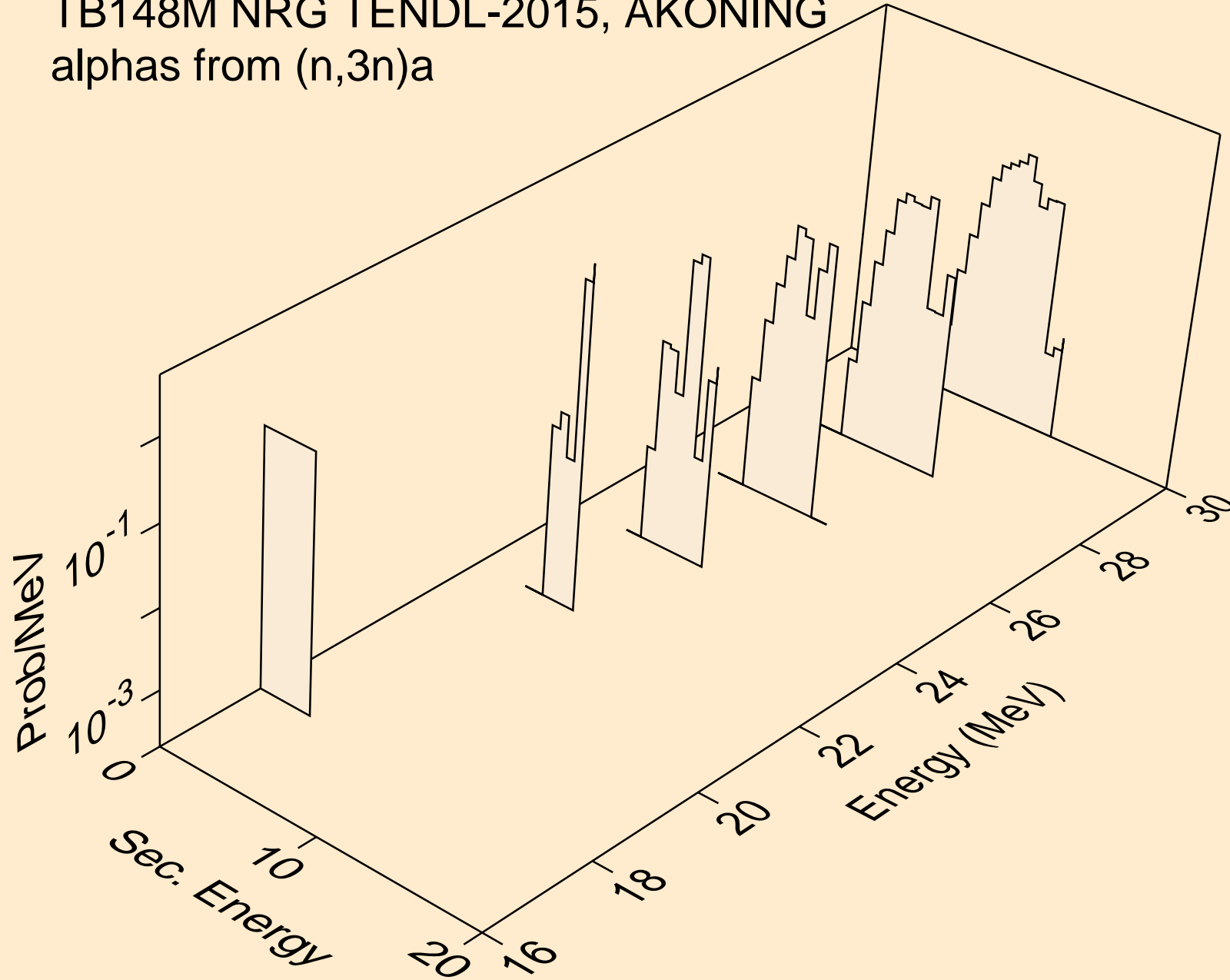




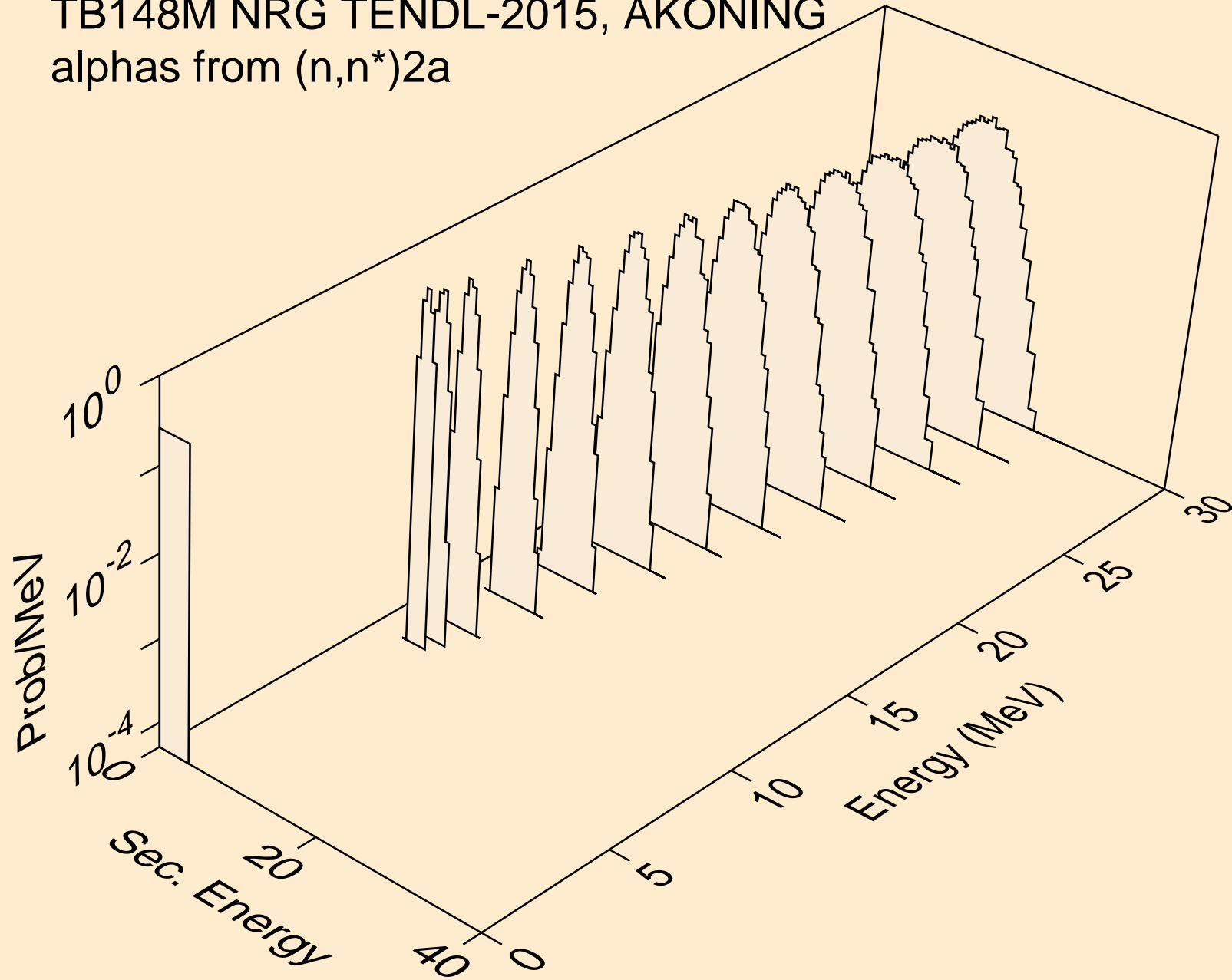
TB148M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



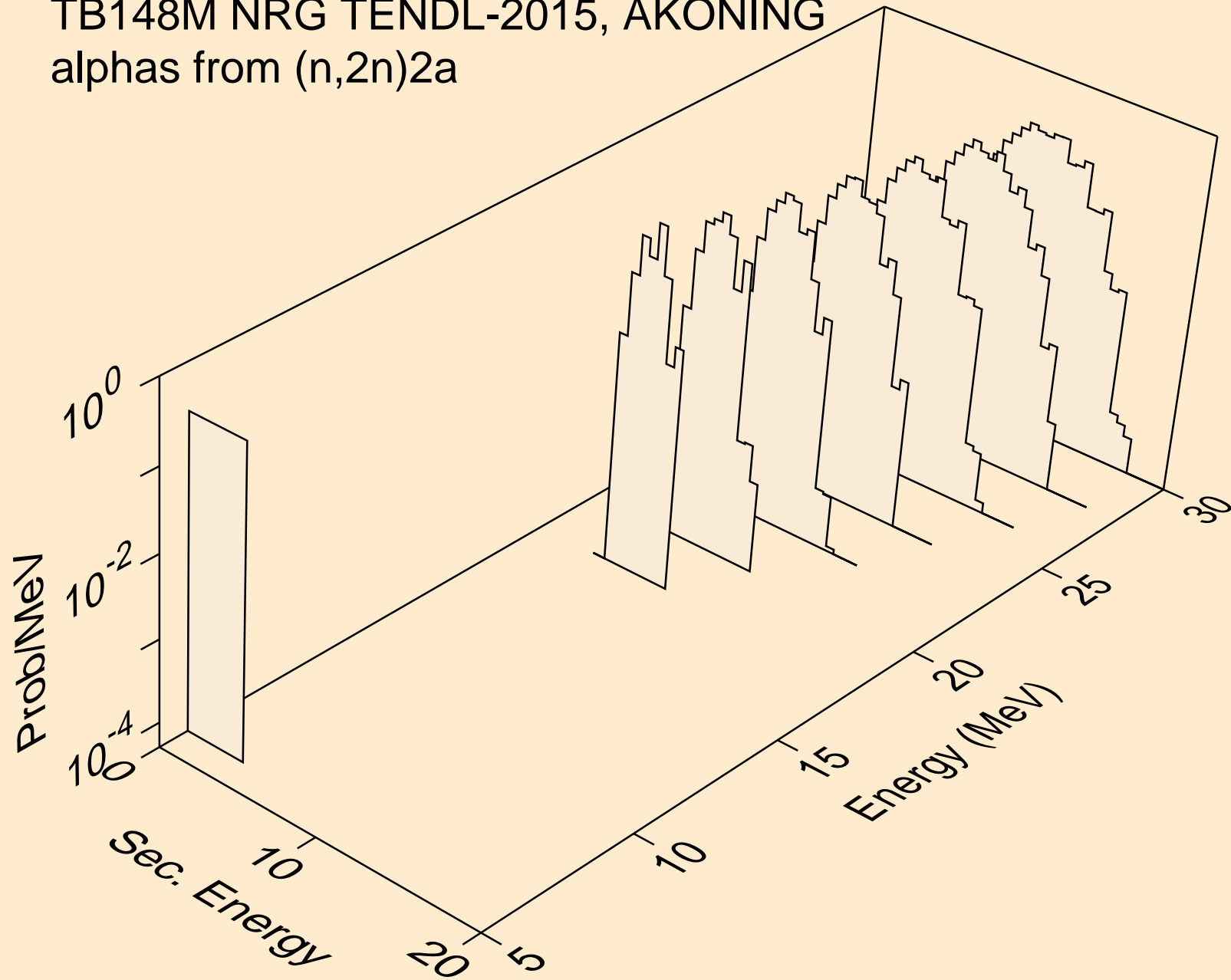
TB148M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



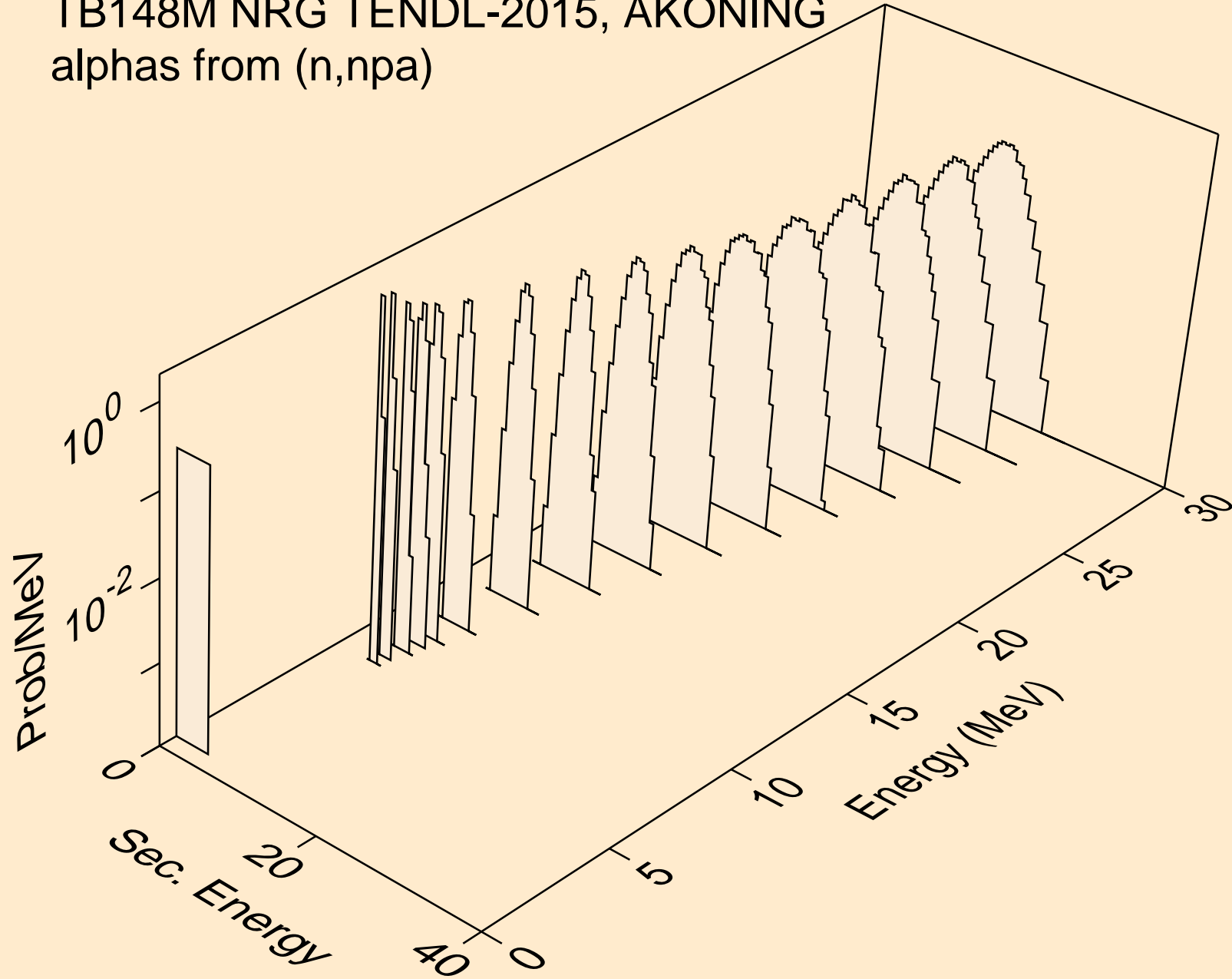
TB148M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



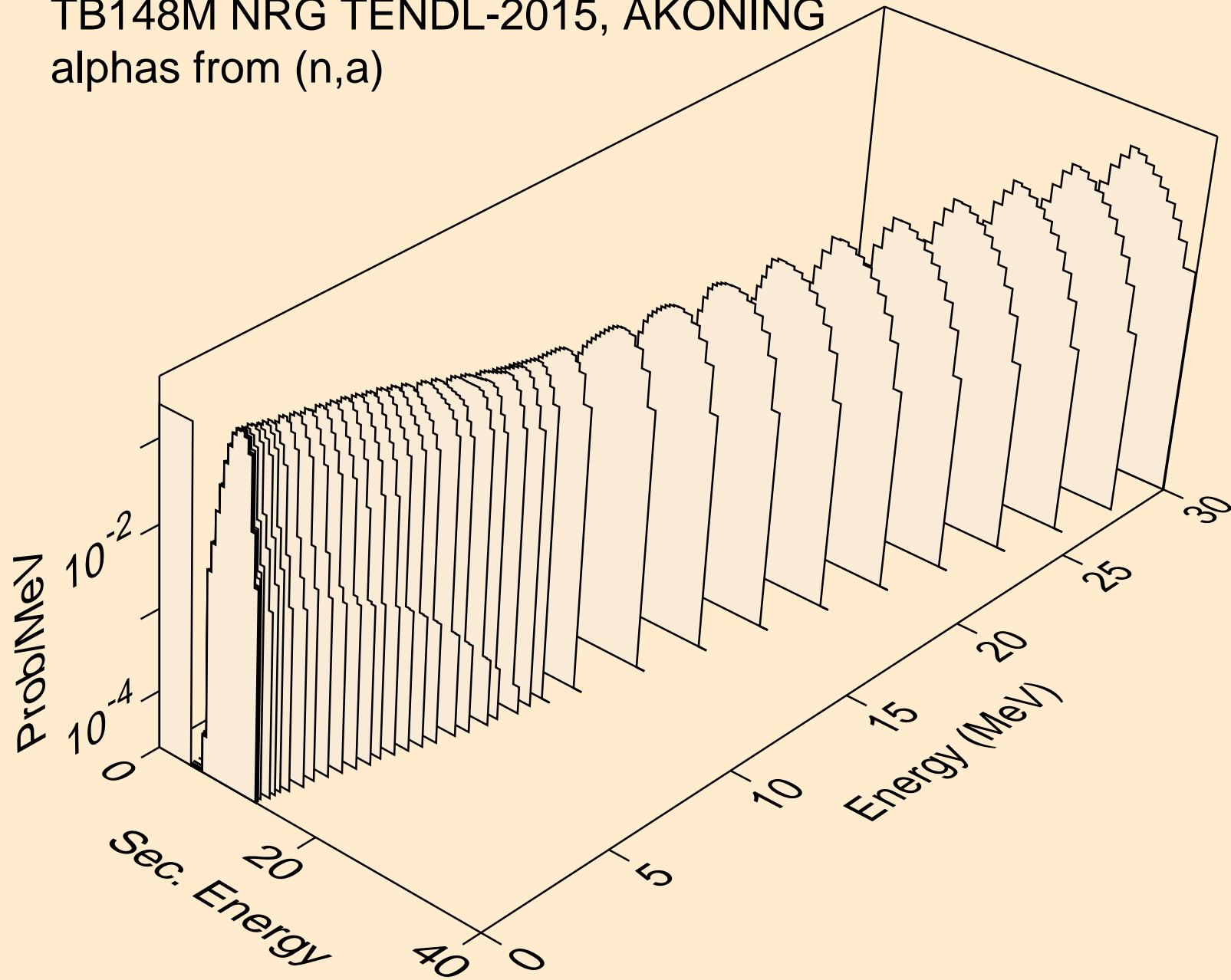
TB148M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



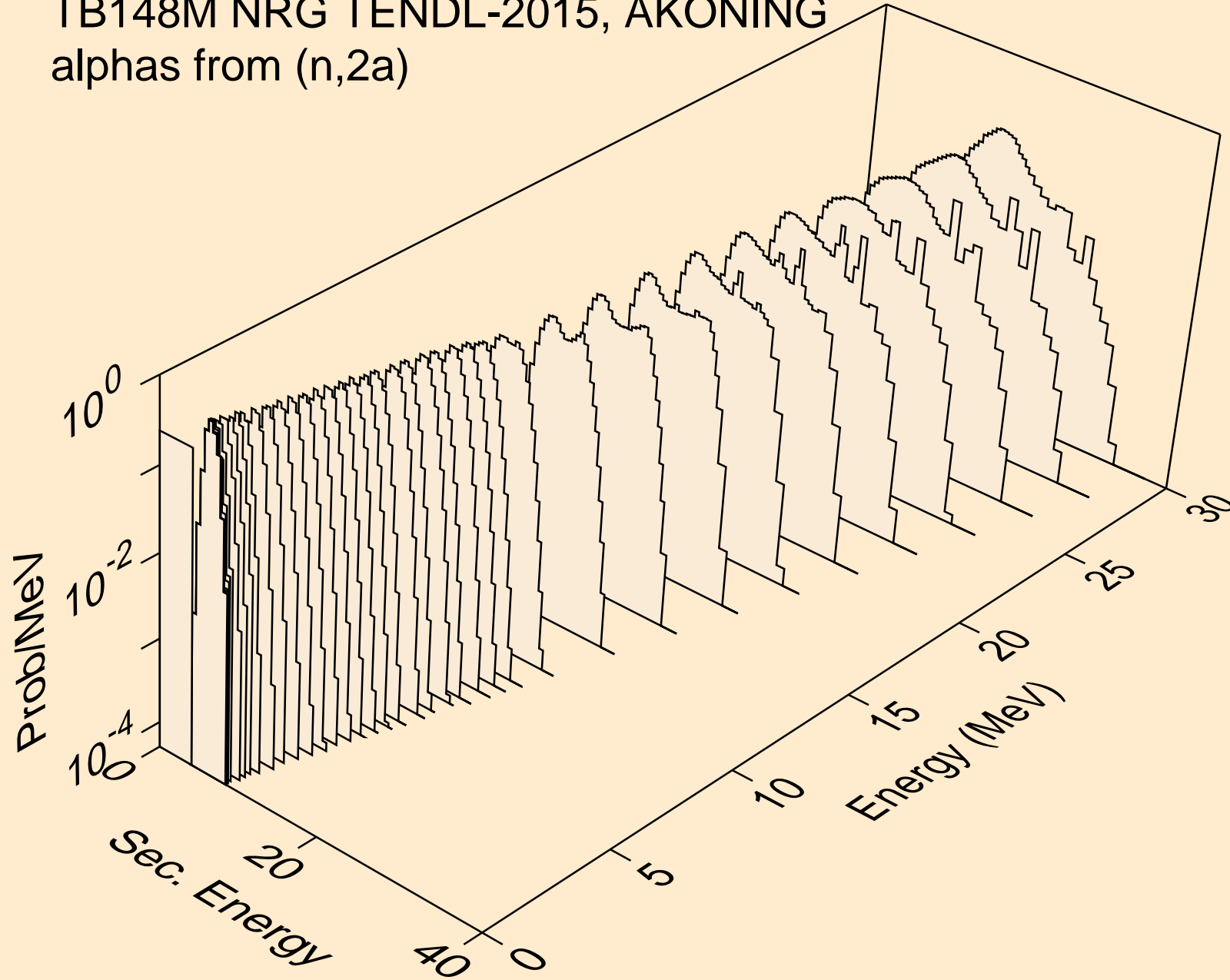
TB148M NRG TENDL-2015, AKONING  
alphas from (n,npa)



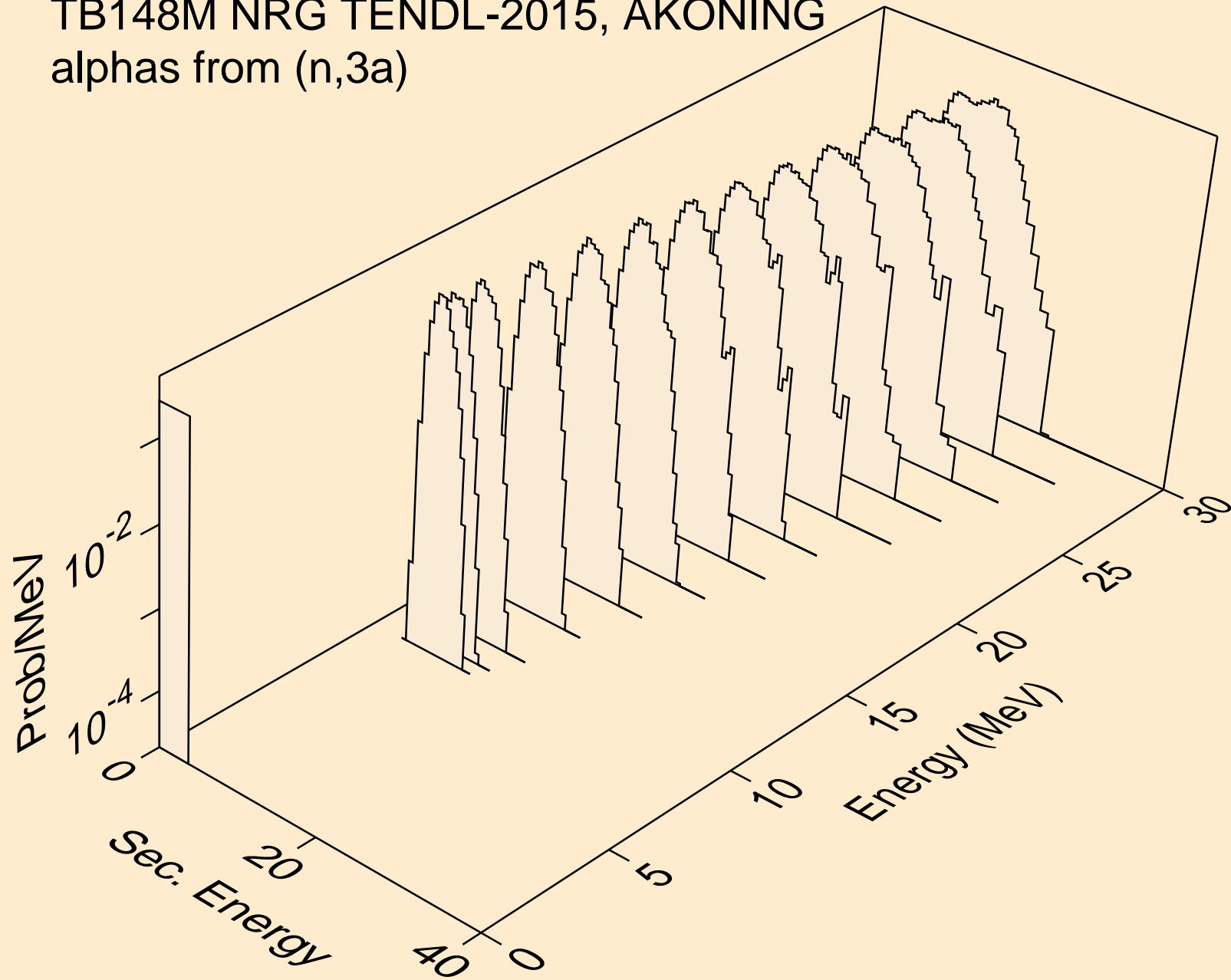
TB148M NRG TENDL-2015, AKONING  
alphas from (n,a)



TB148M NRG TENDL-2015, AKONING  
alphas from (n,2a)

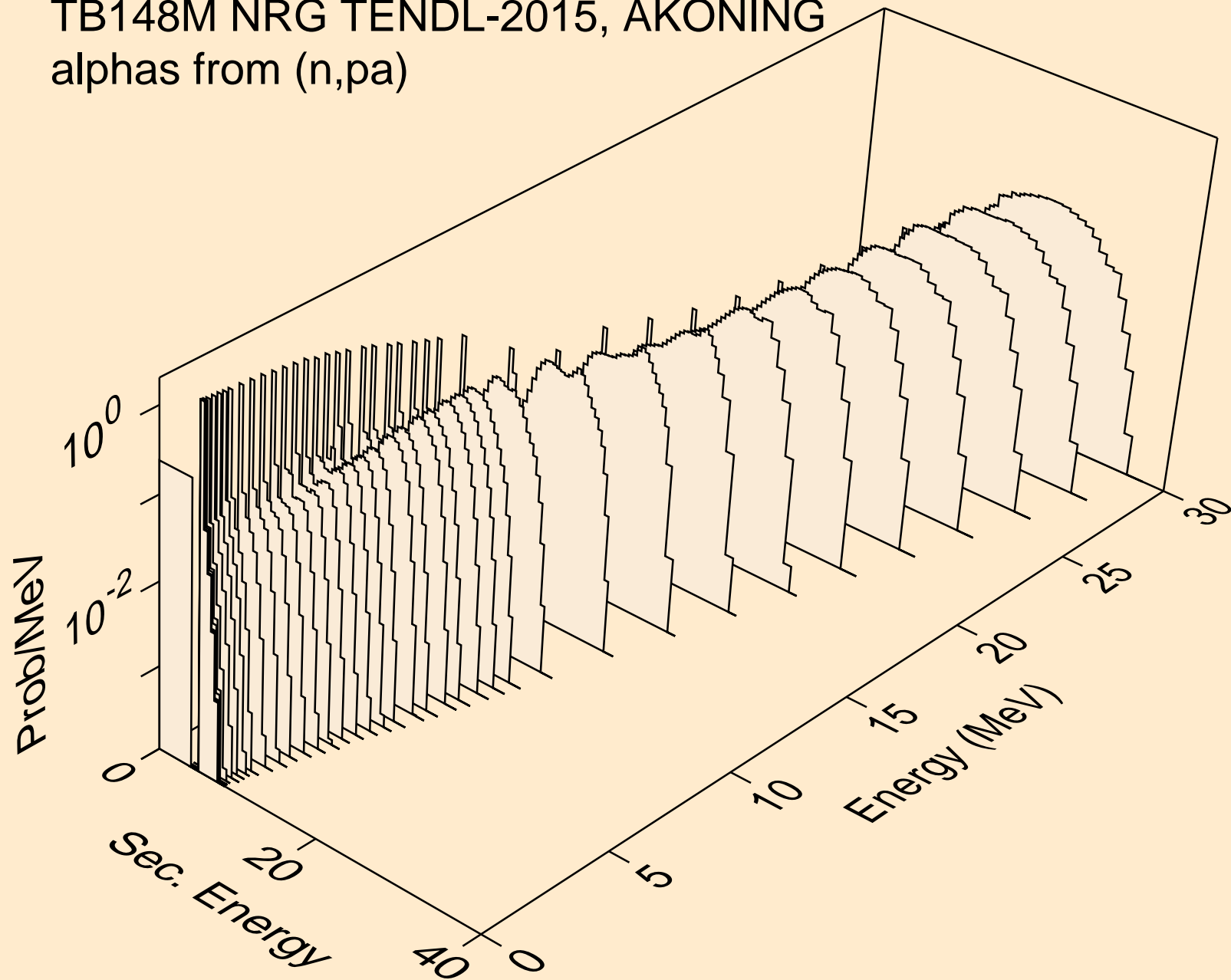


TB148M NRG TENDL-2015, AKONING  
alphas from (n,3a)





TB148M NRG TENDL-2015, AKONING  
alphas from (n,pa)



TB148M NRG TENDL-2015, AKONING  
alphas from (n,da)

