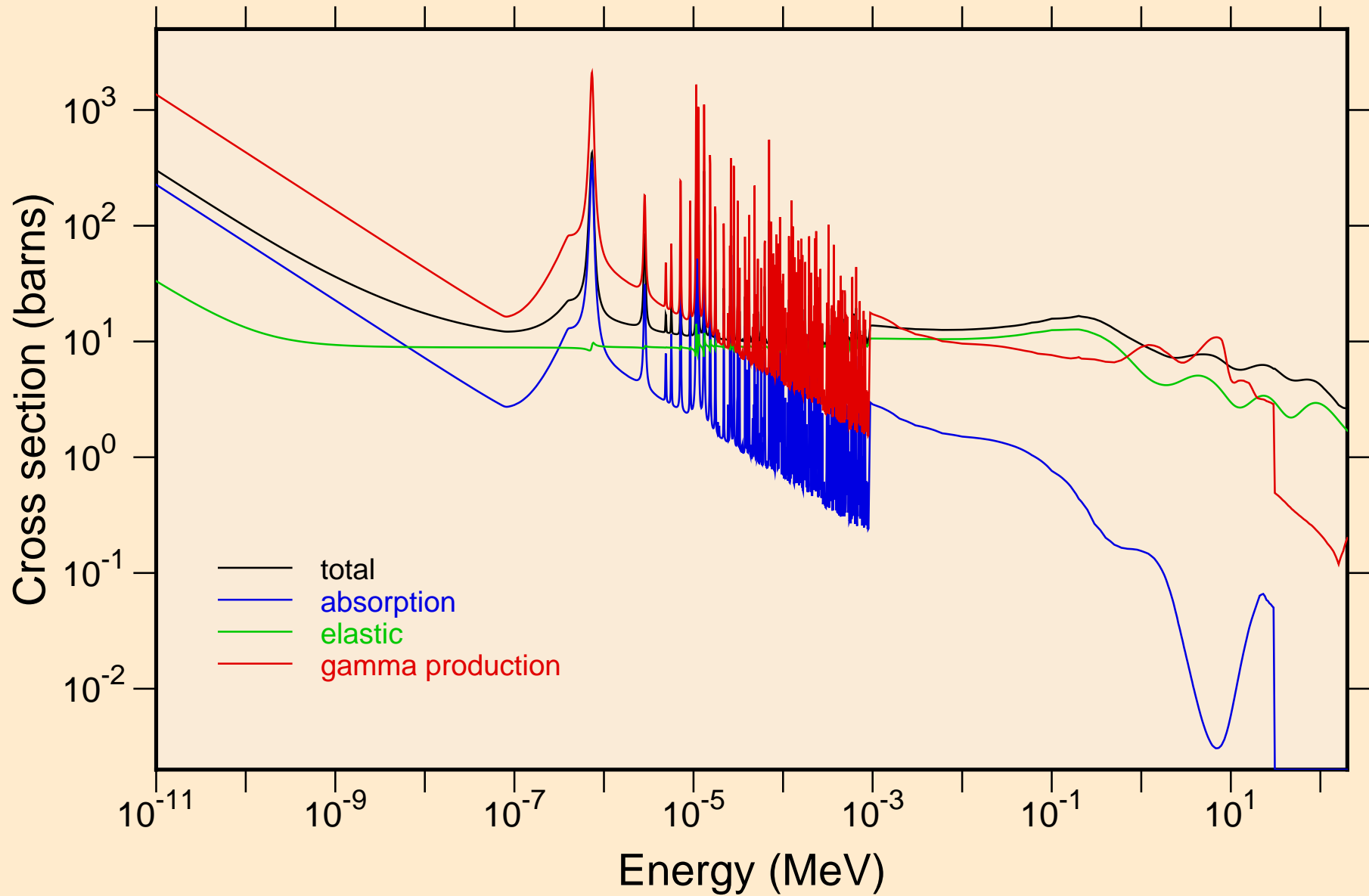
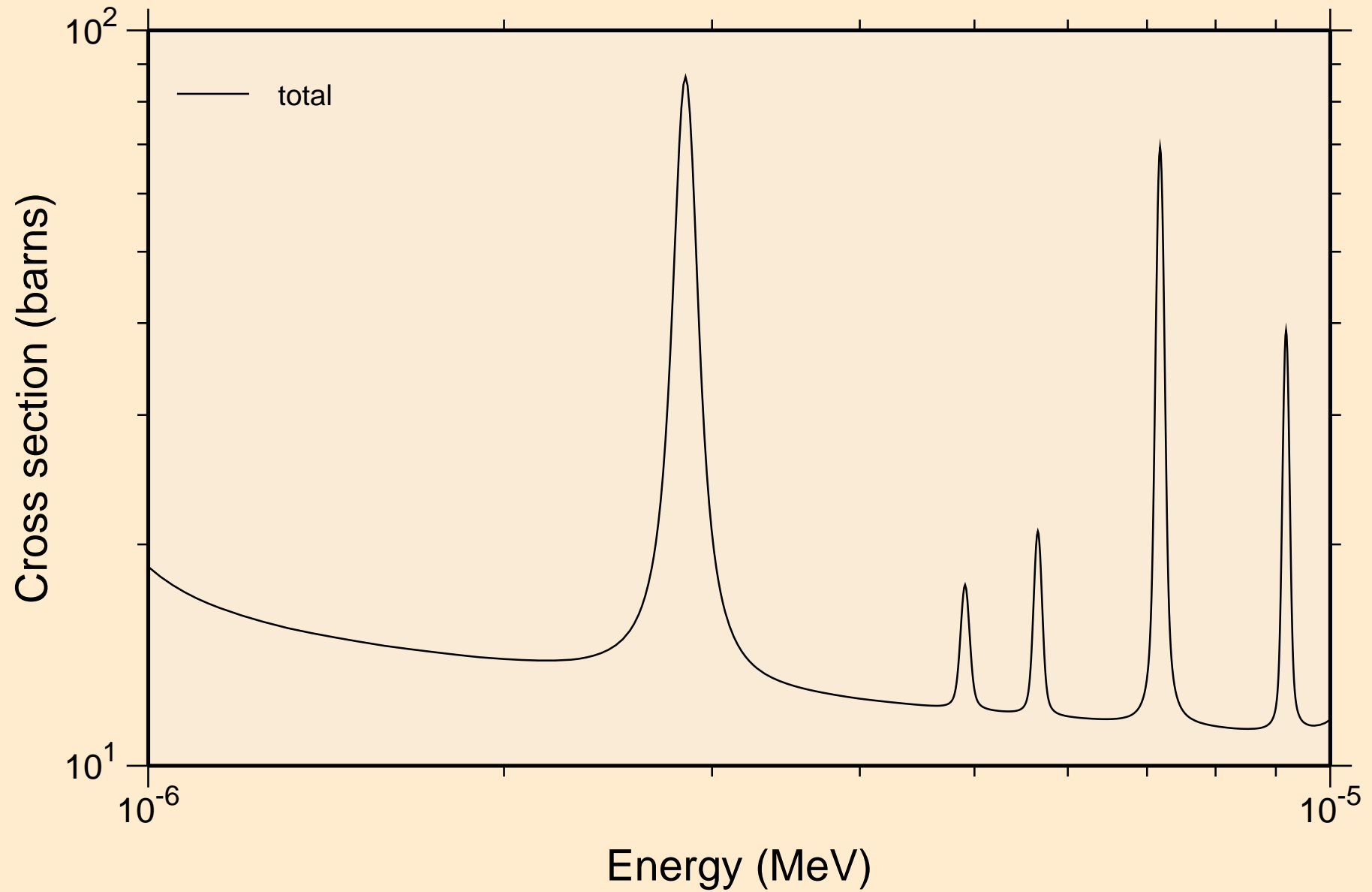


# LR253M NRG TENDL-2016, AKONING

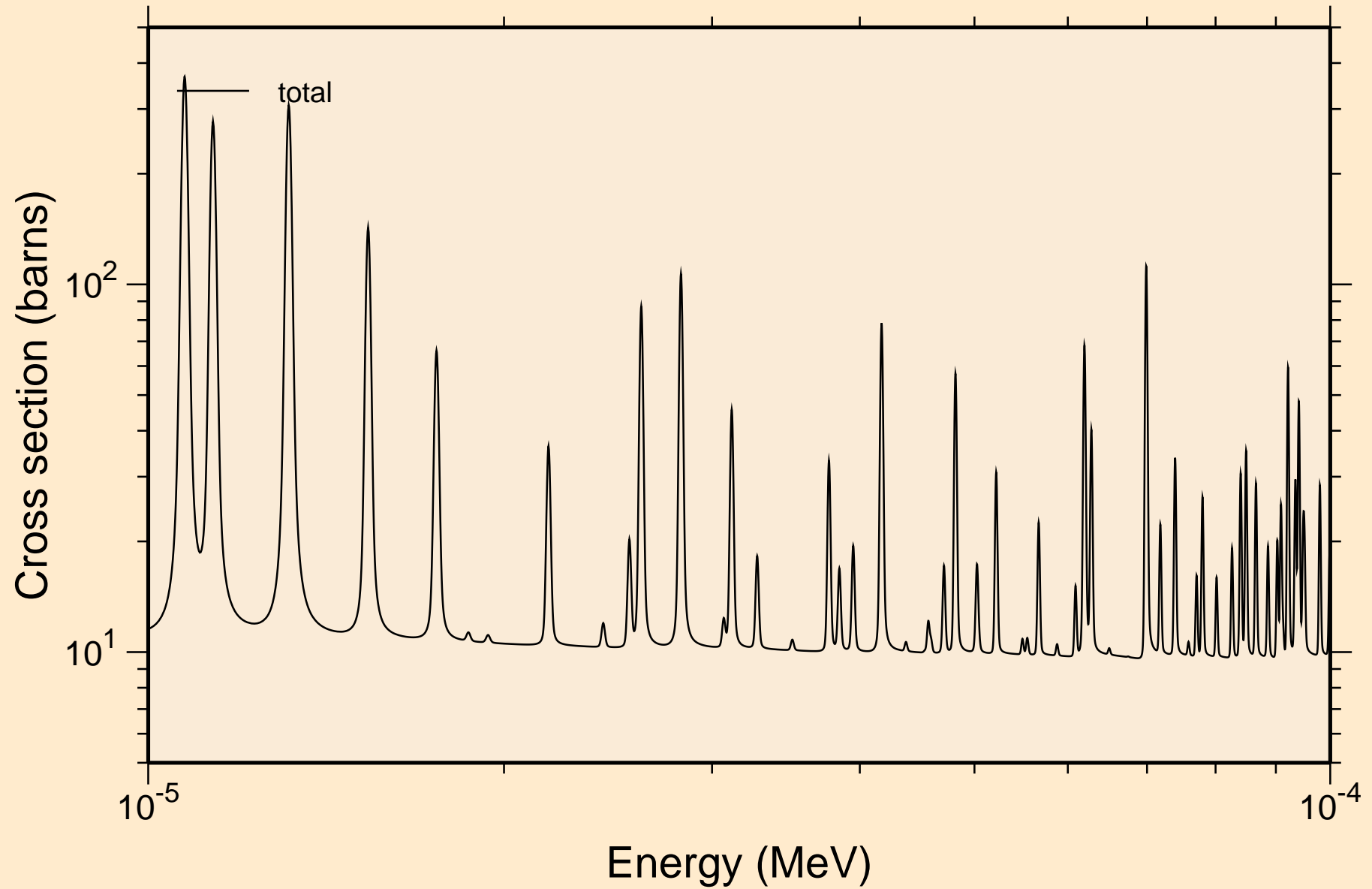
## Principal cross sections



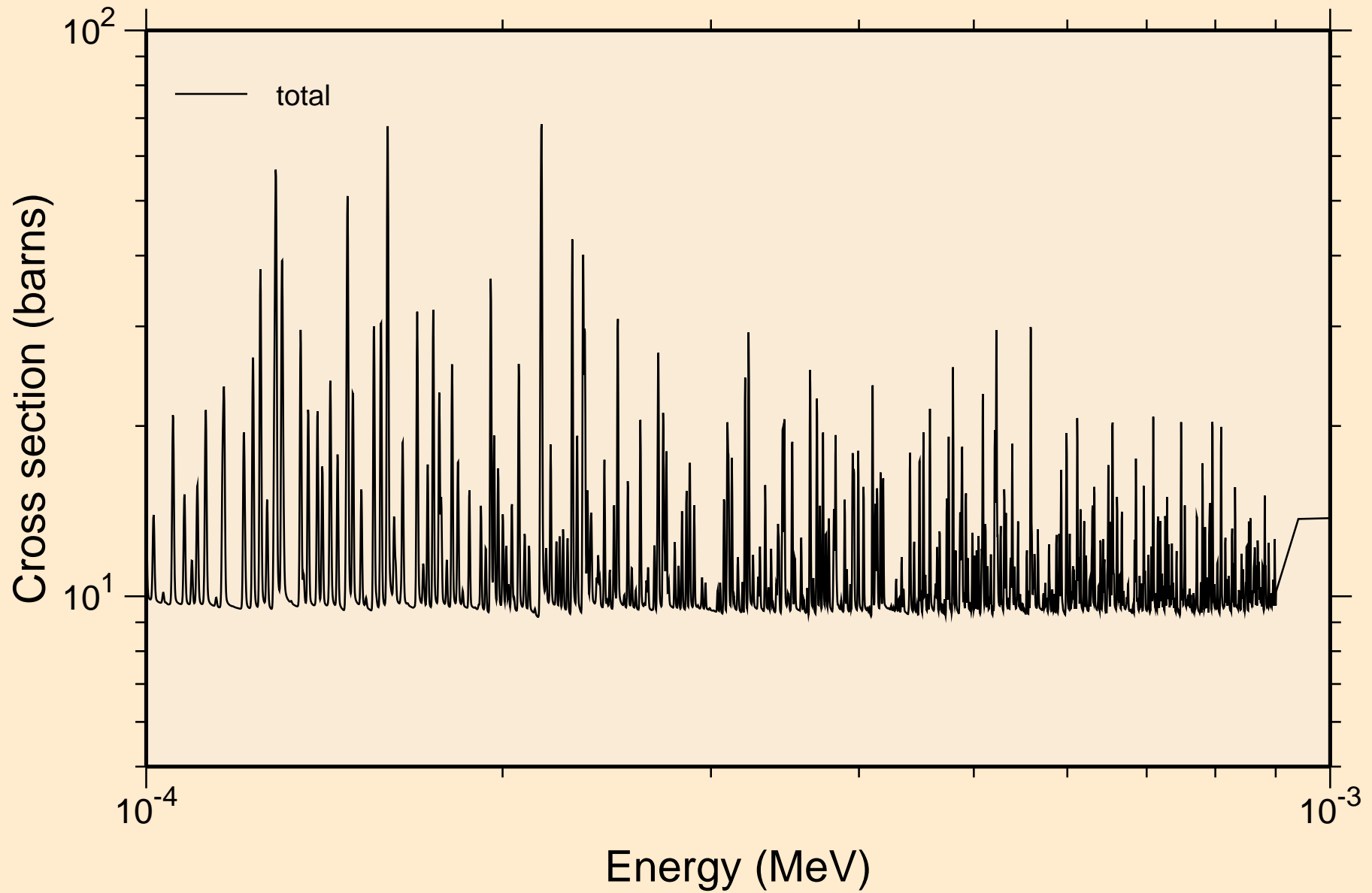
LR253M NRG TENDL-2016, AKONING  
resonance total cross section



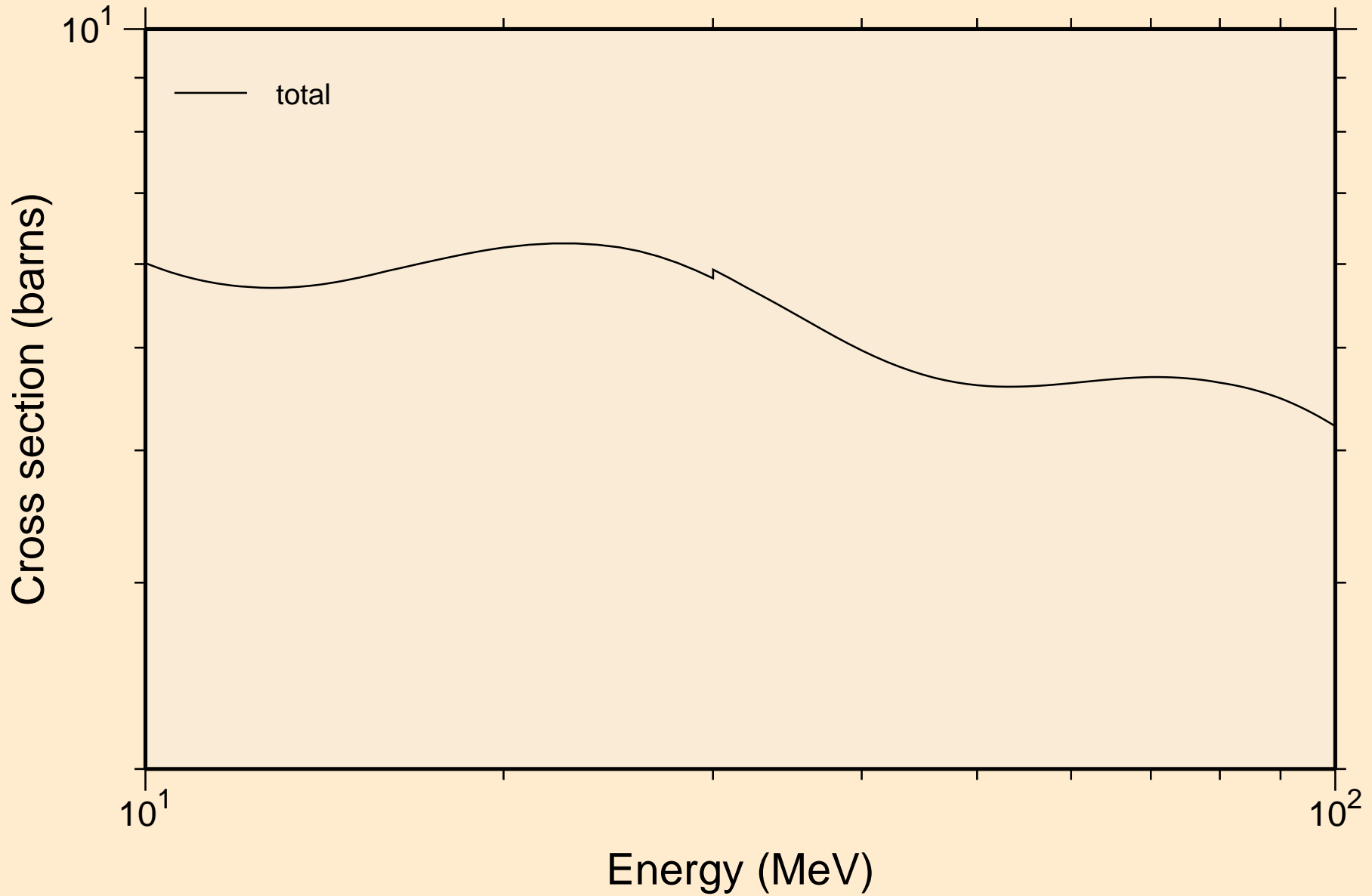
LR253M NRG TENDL-2016, AKONING  
resonance total cross section



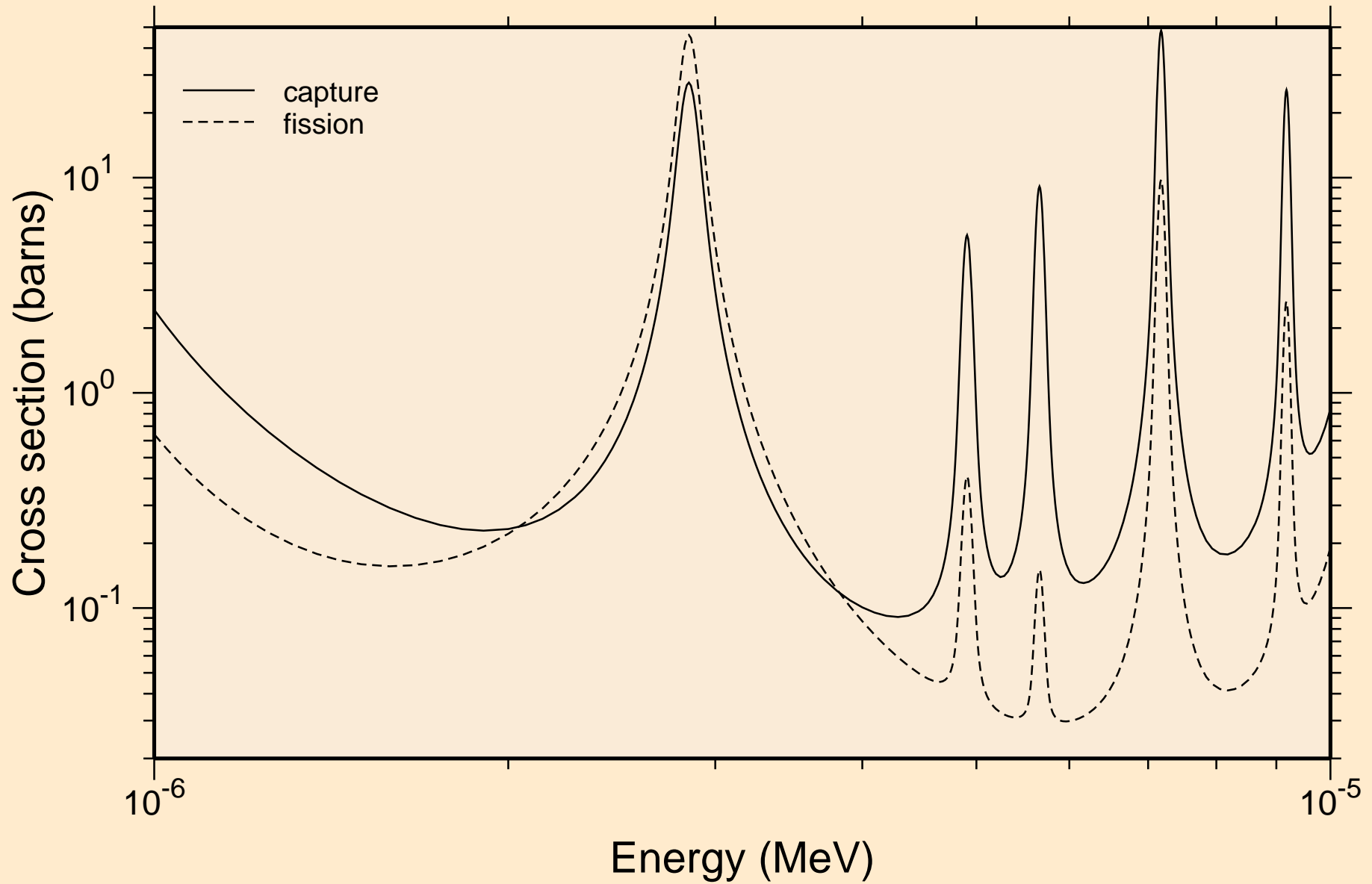
LR253M NRG TENDL-2016, AKONING  
resonance total cross section



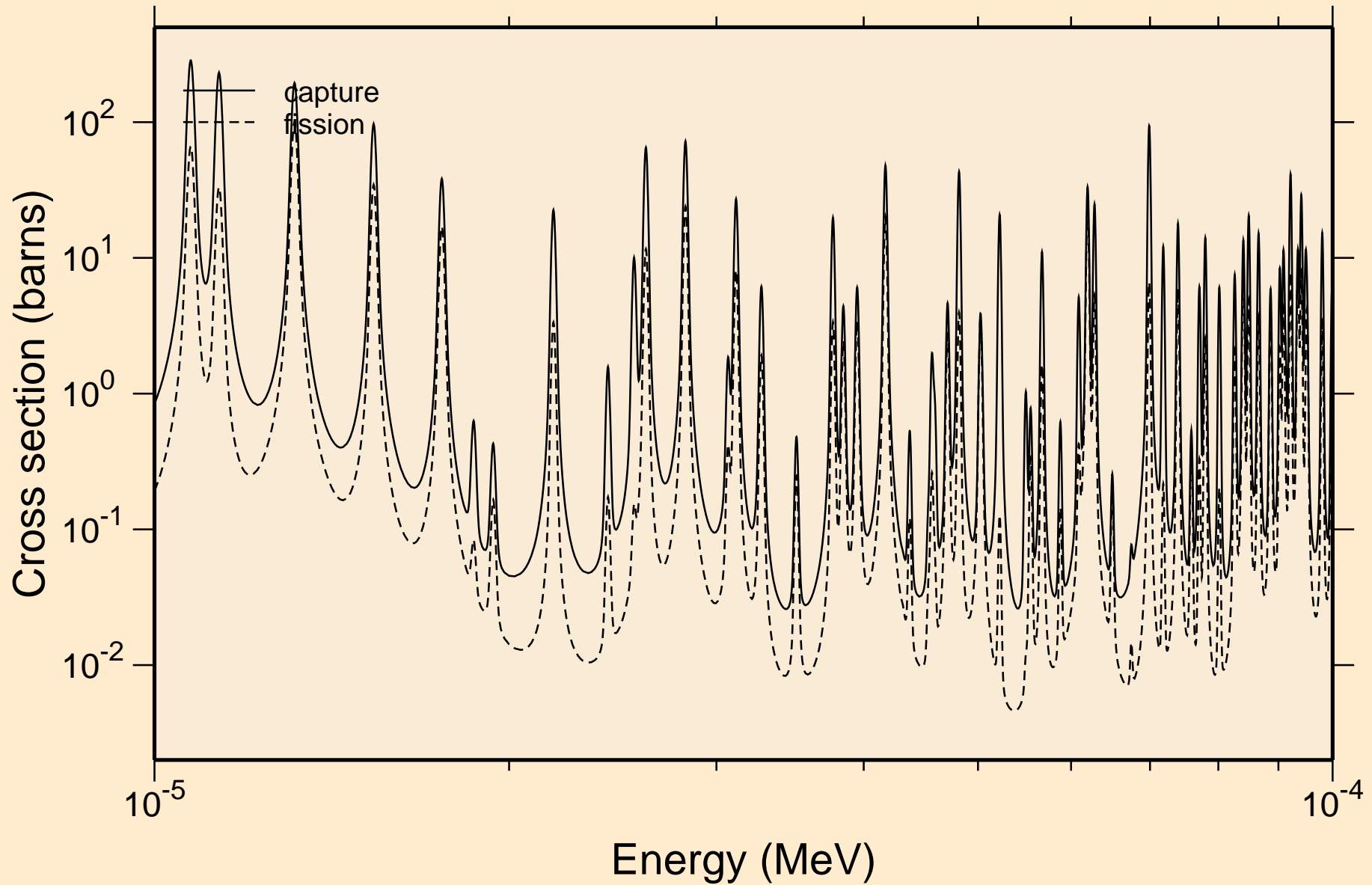
LR253M NRG TENDL-2016, AKONING  
resonance total cross section



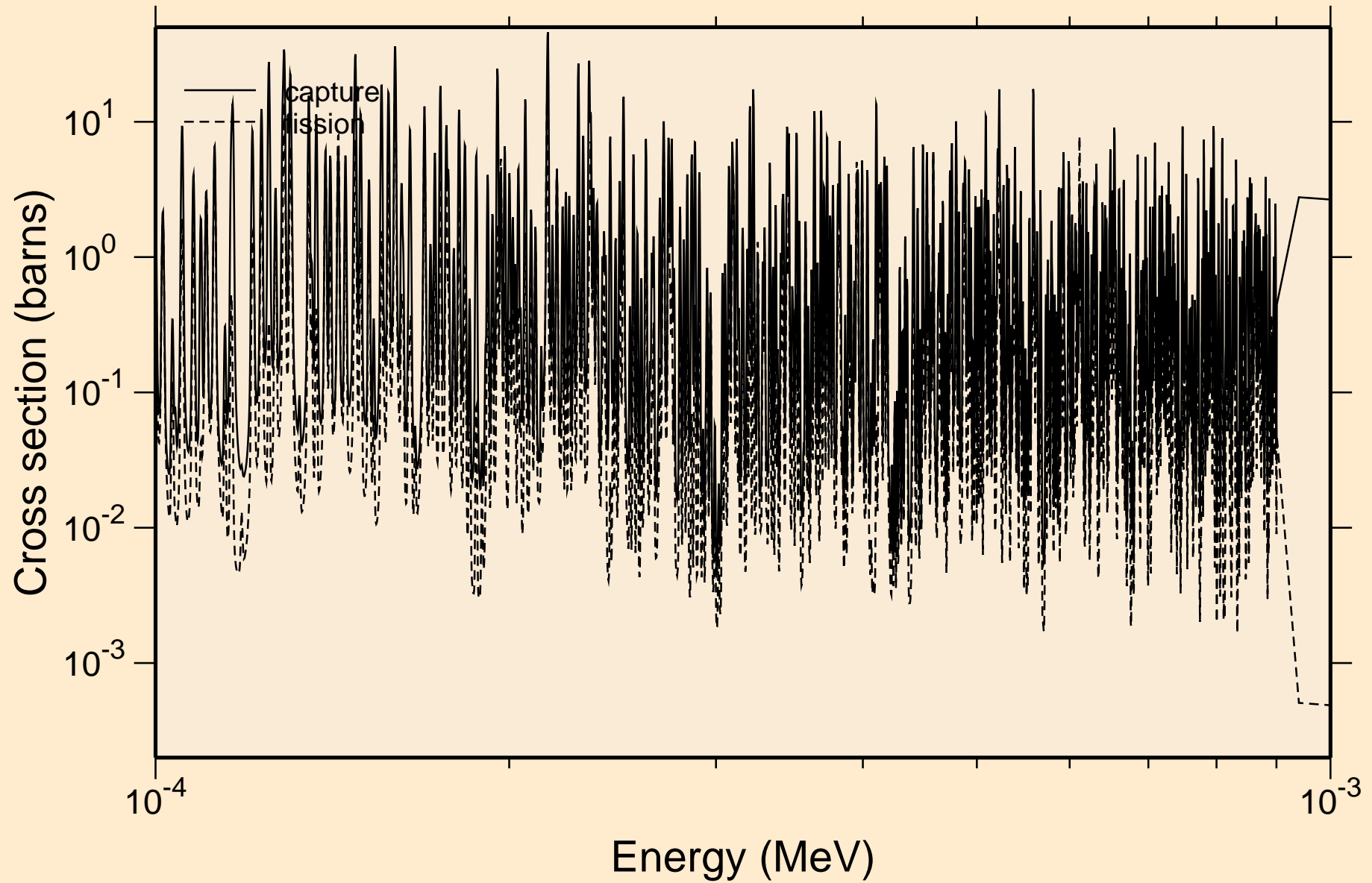
LR253M NRG TENDL-2016, AKONING  
resonance absorption cross sections



LR253M NRG TENDL-2016, AKONING  
resonance absorption cross sections

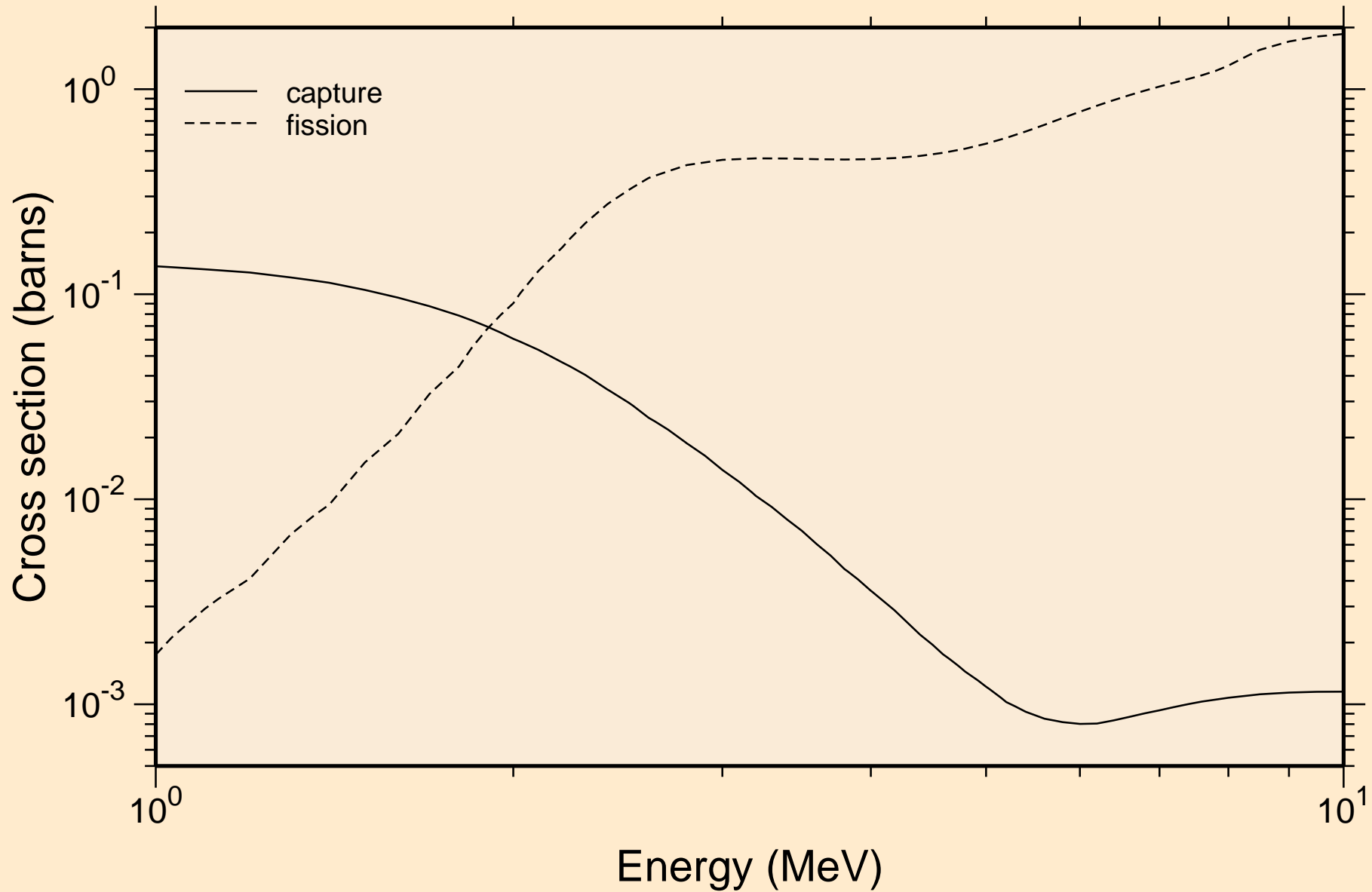


LR253M NRG TENDL-2016, AKONING  
resonance absorption cross sections



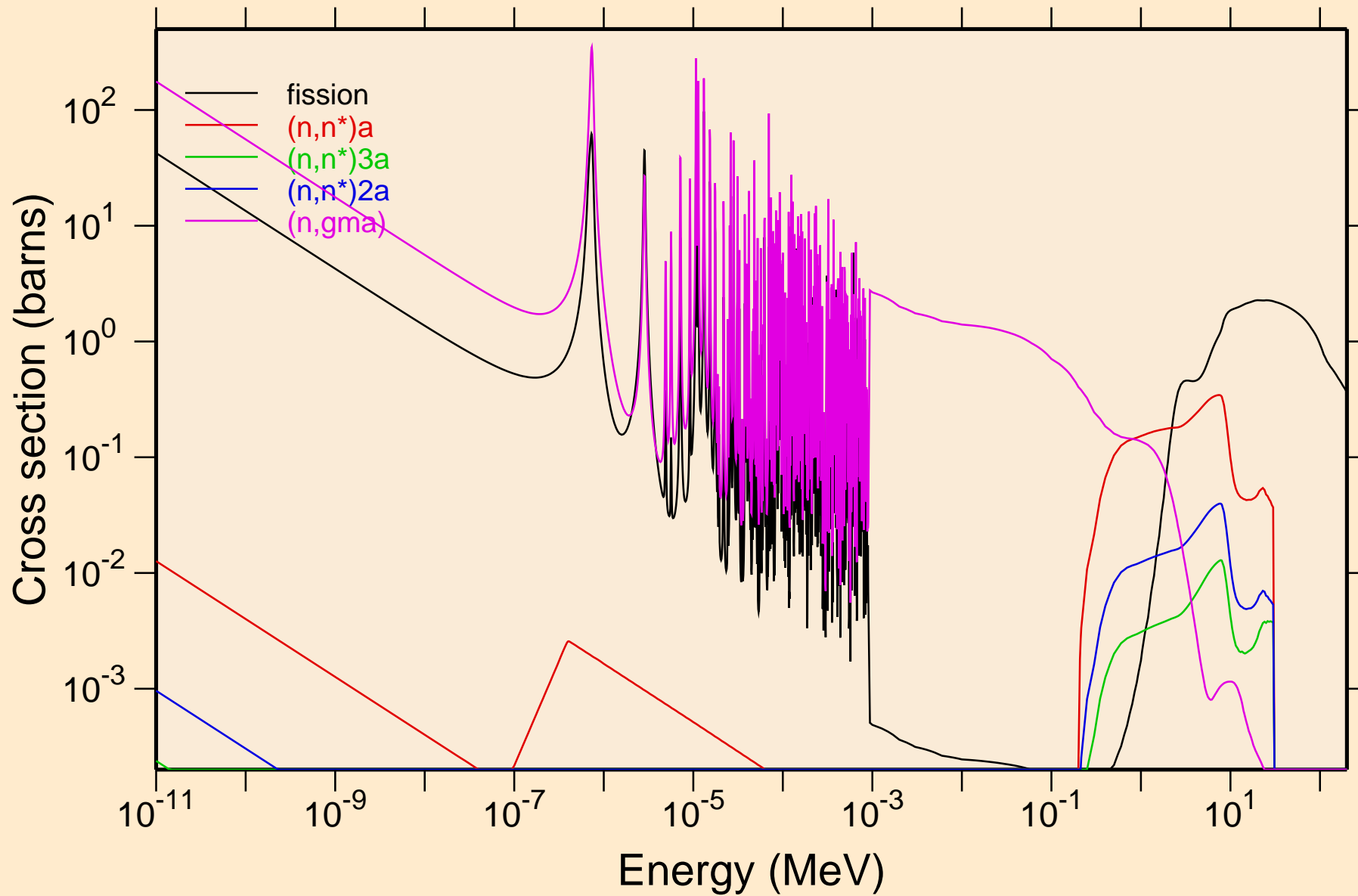


LR253M NRG TENDL-2016, AKONING  
resonance absorption cross sections



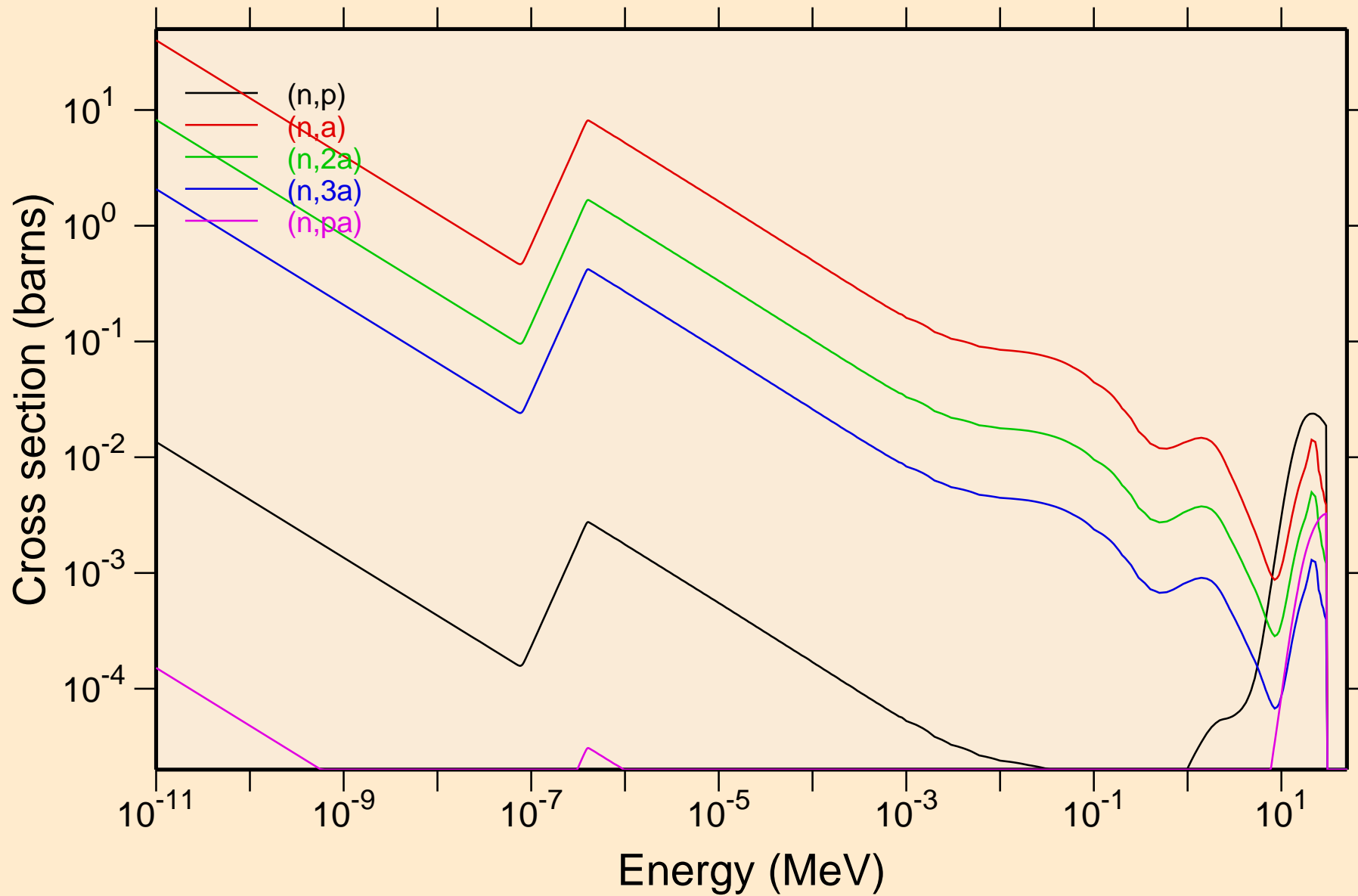
# LR253M NRG TENDL-2016, AKONING

## Non-threshold reactions



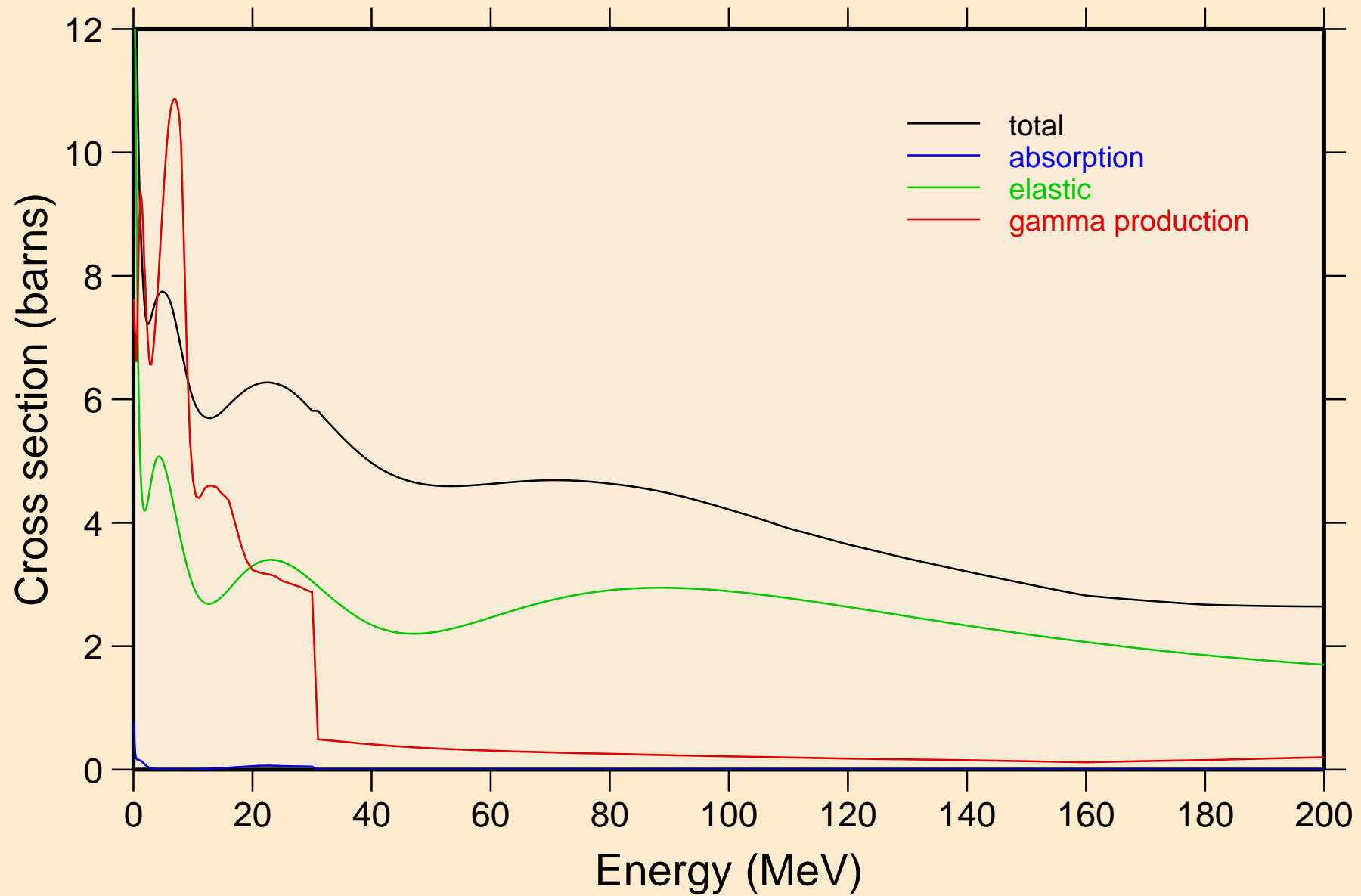
# LR253M NRG TENDL-2016, AKONING

## Non-threshold reactions



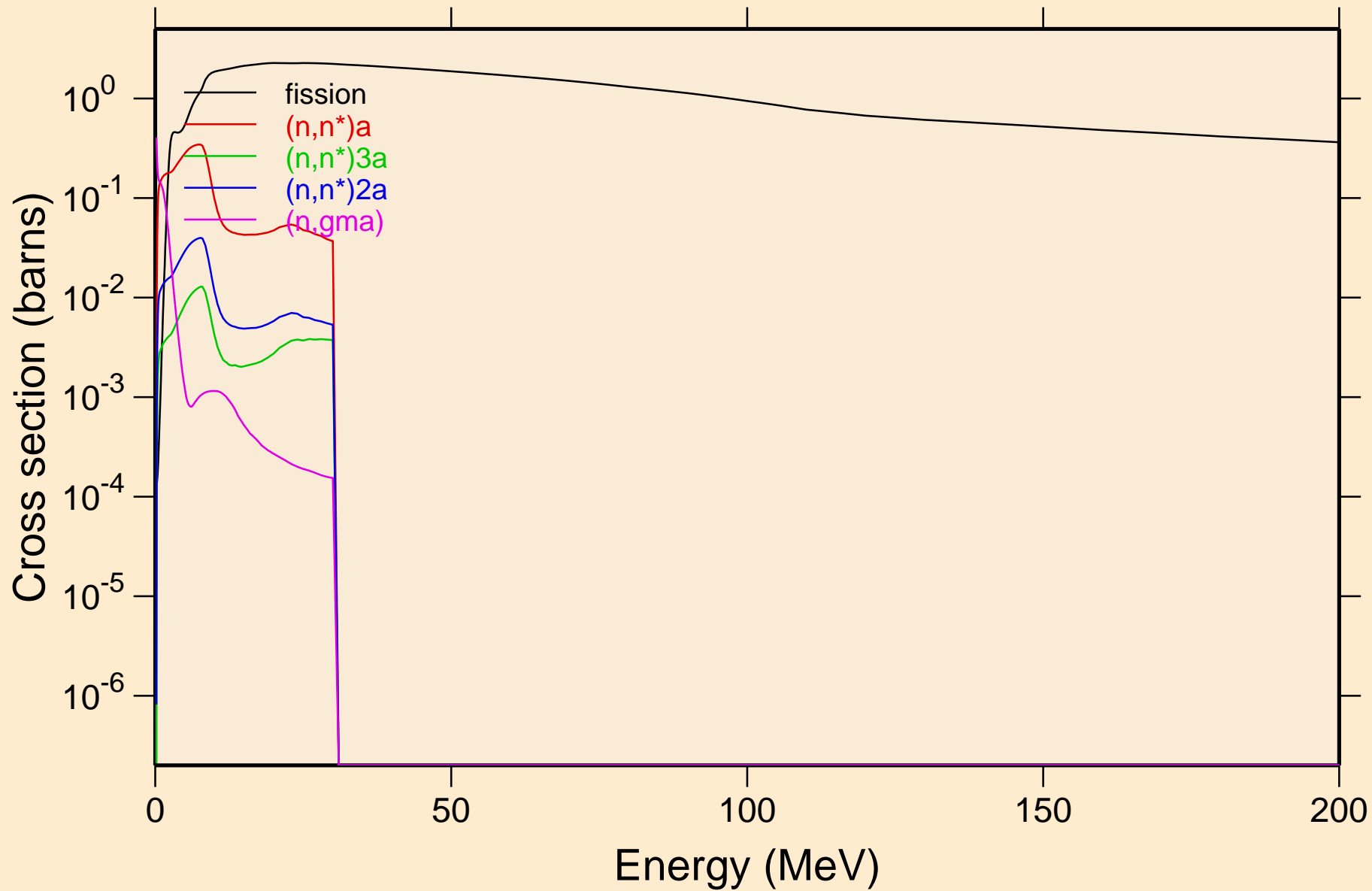
# LR253M NRG TENDL-2016, AKONING

## Principal cross sections

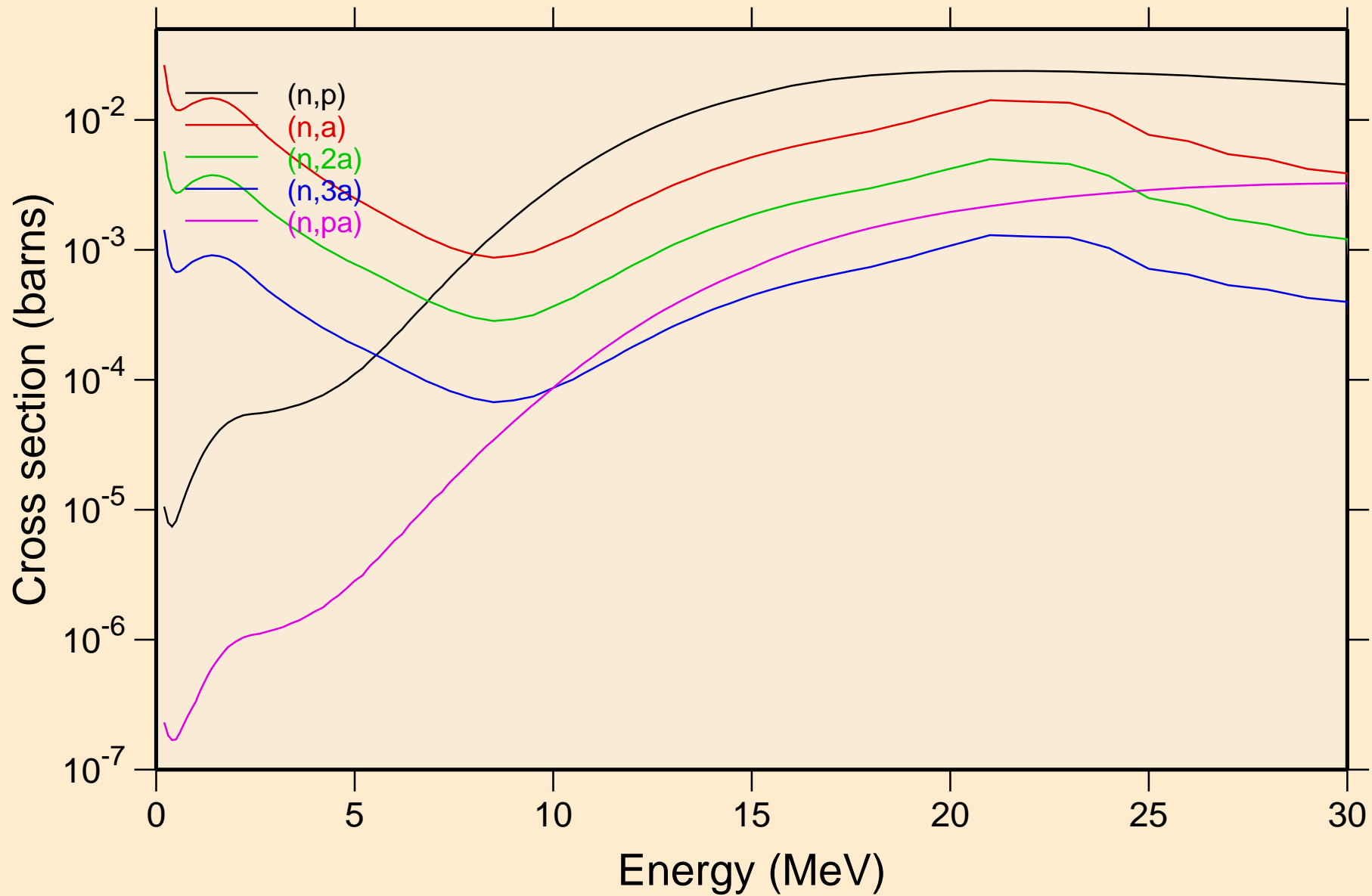


# LR253M NRG TENDL-2016, AKONING

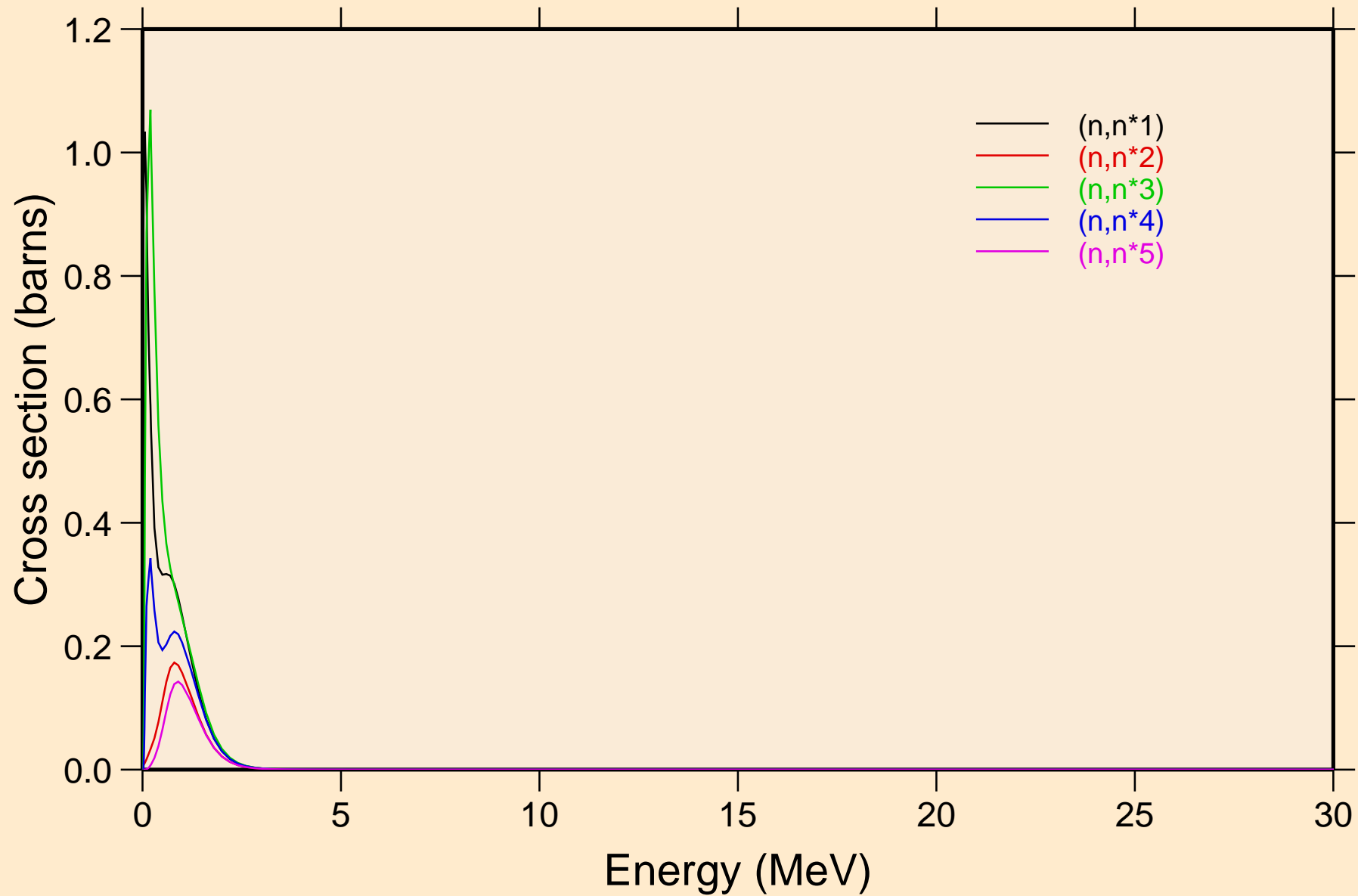
## Non-threshold reactions



LR253M NRG TENDL-2016, AKONING  
Non-threshold reactions

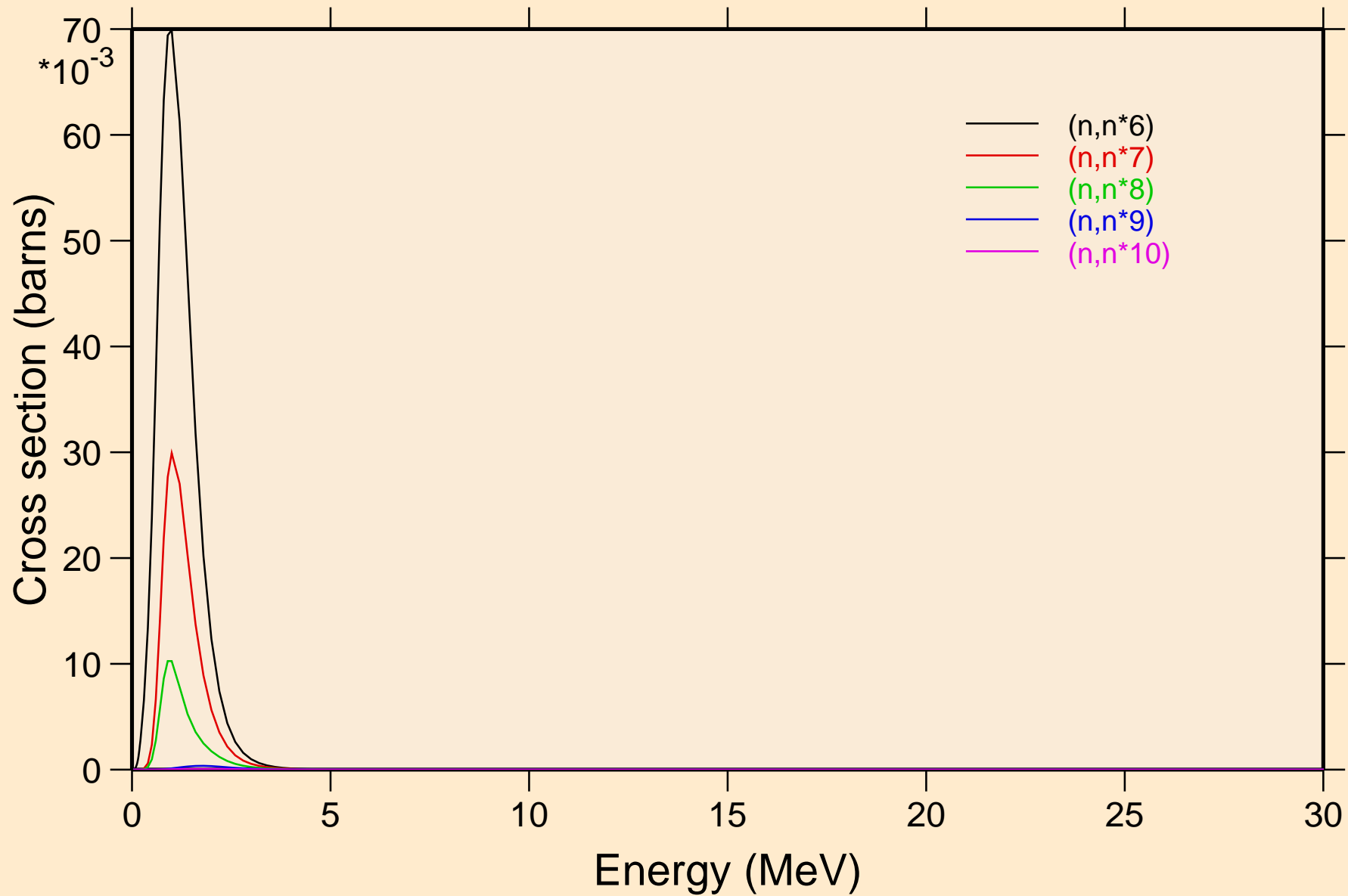


LR253M NRG TENDL-2016, AKONING  
Inelastic levels



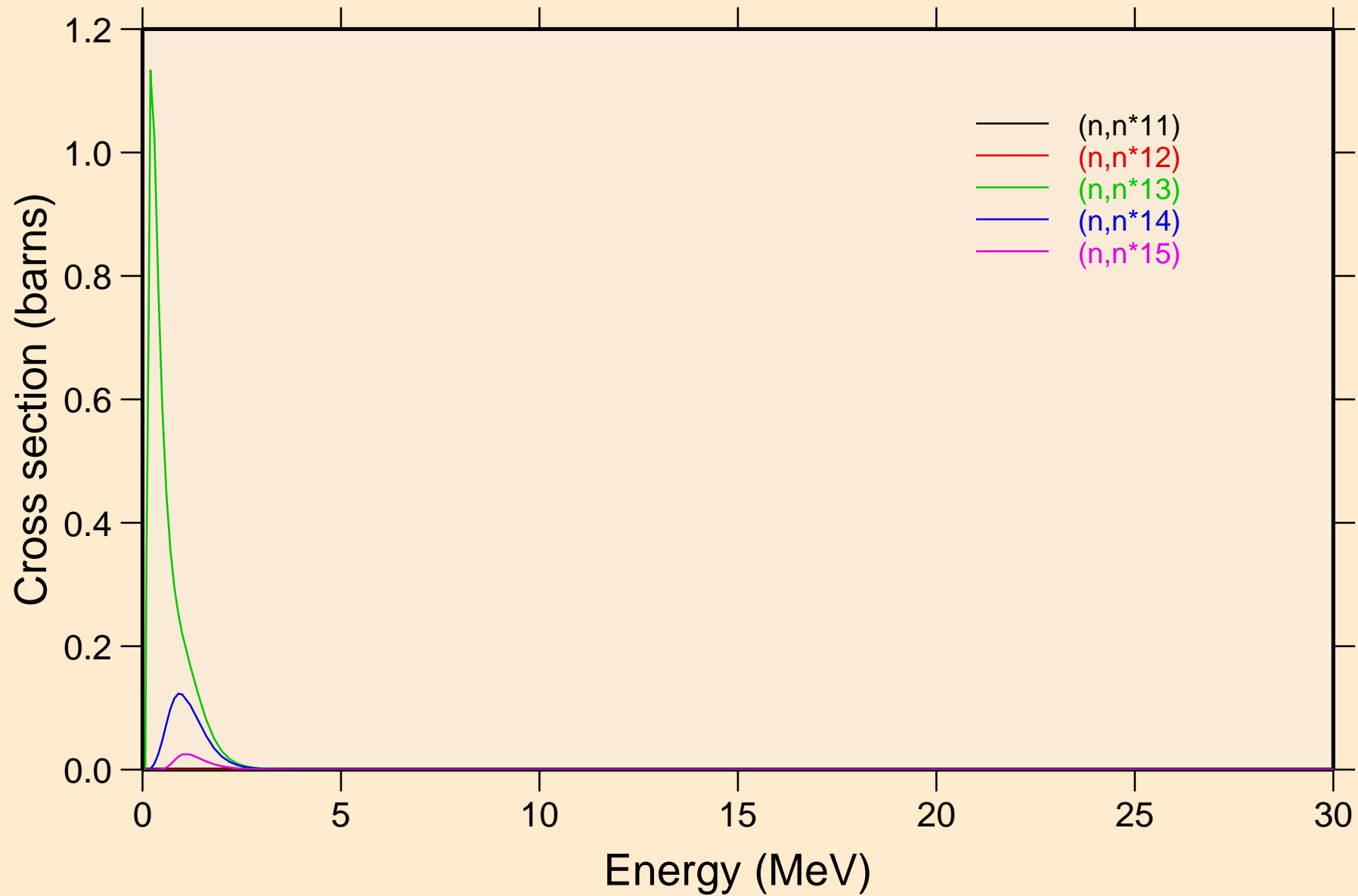
# LR253M NRG TENDL-2016, AKONING

## Inelastic levels



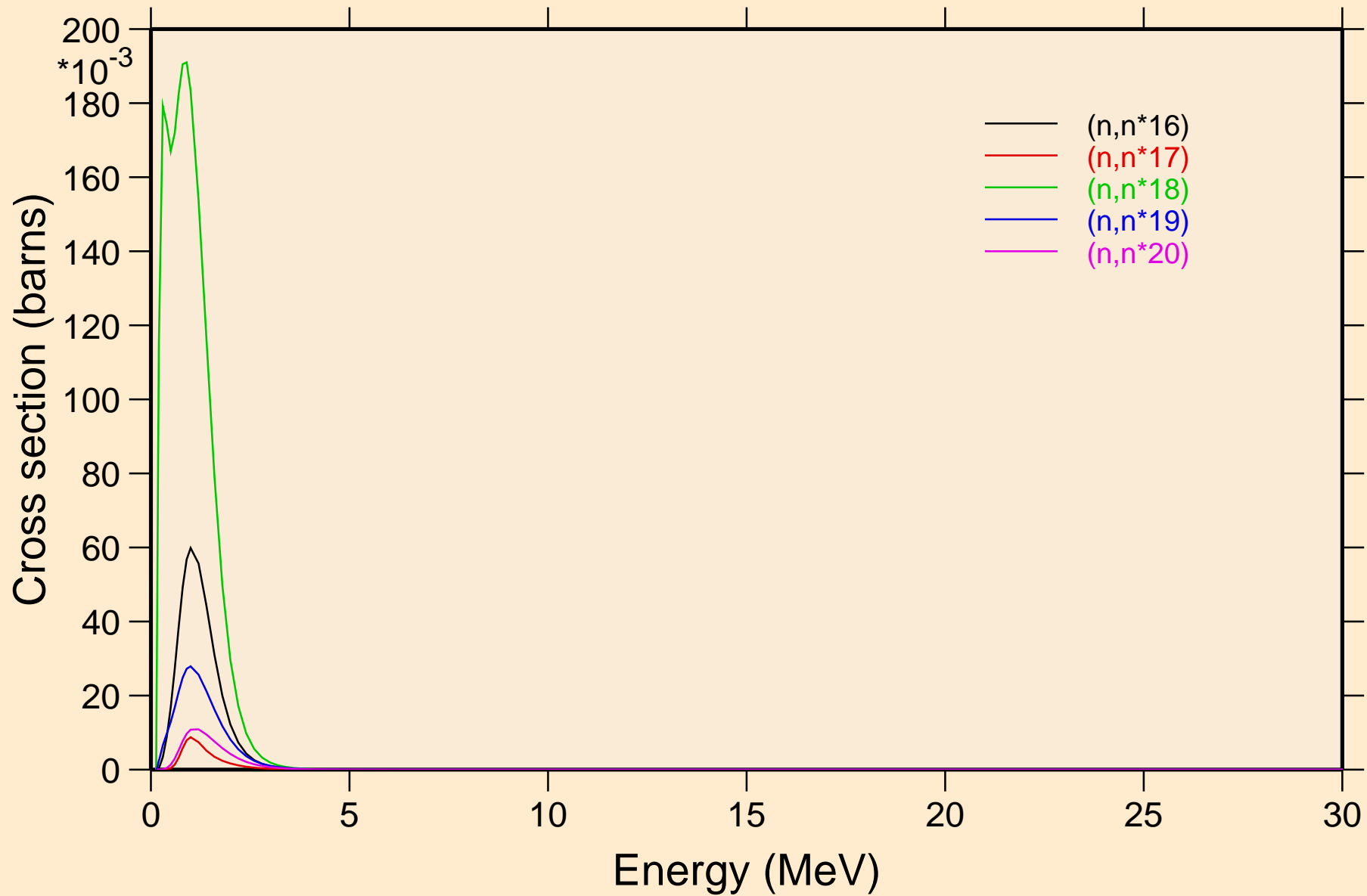


LR253M NRG TENDL-2016, AKONING  
Inelastic levels

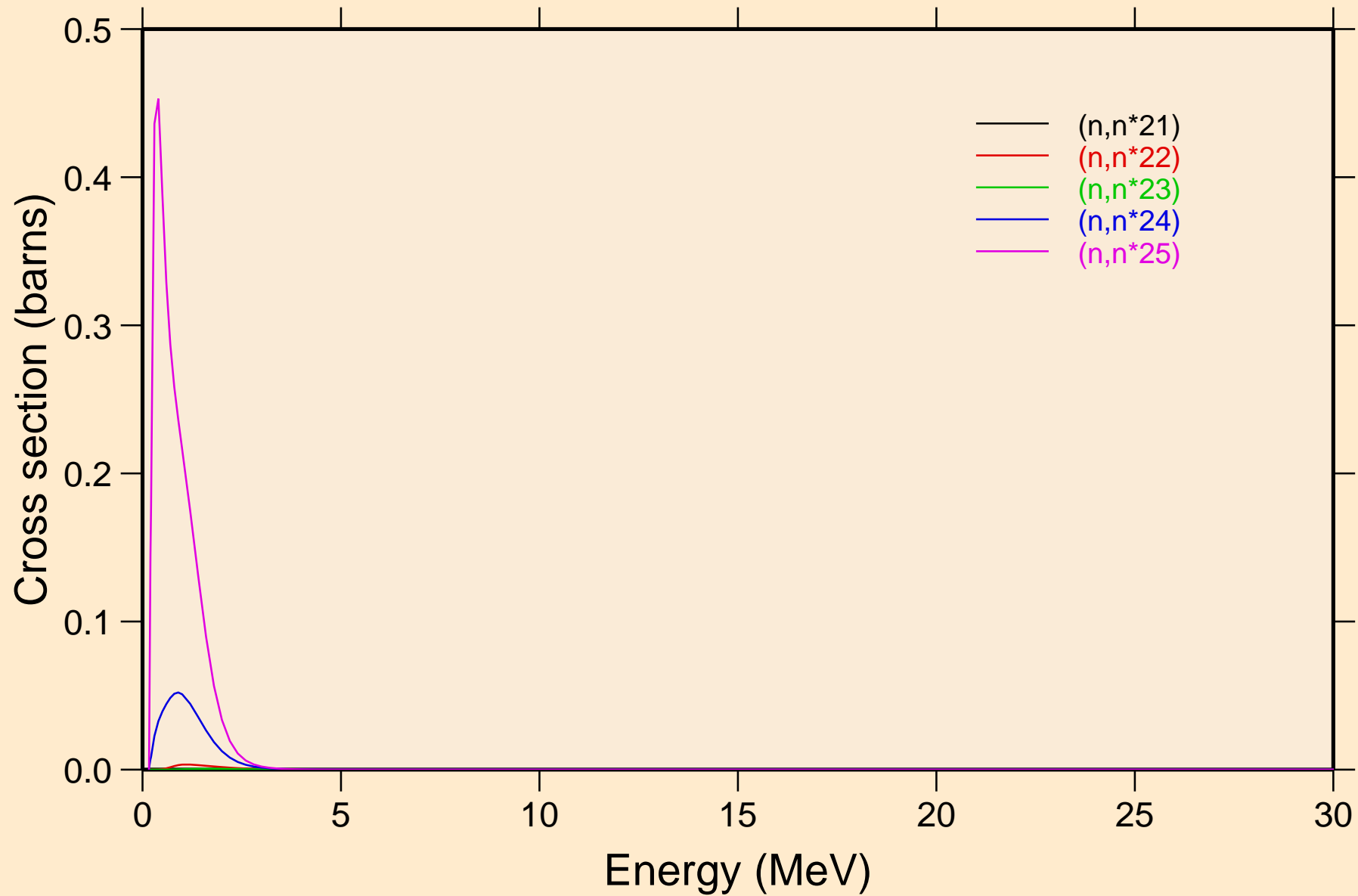


# LR253M NRG TENDL-2016, AKONING

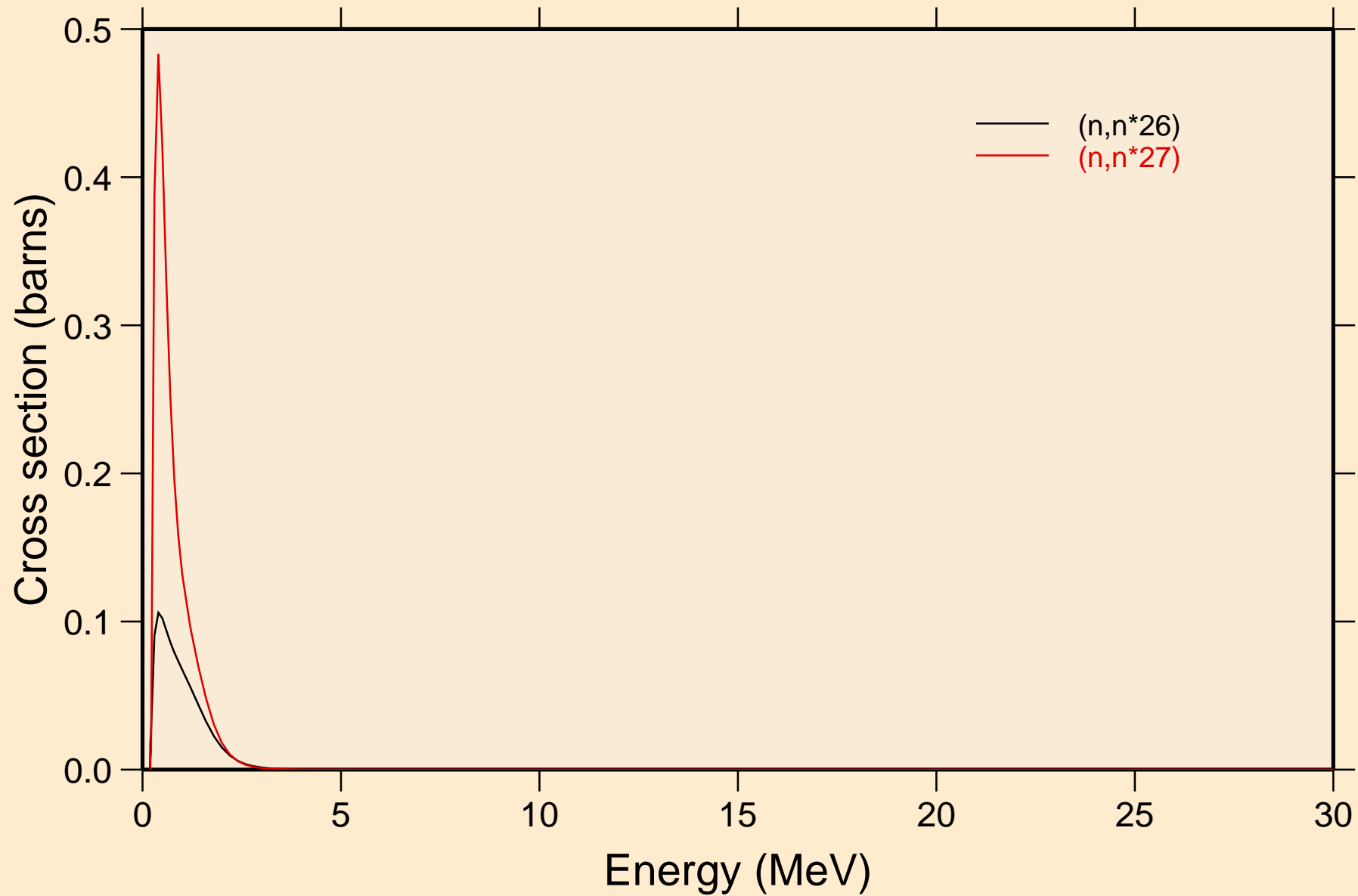
## Inelastic levels



LR253M NRG TENDL-2016, AKONING  
Inelastic levels

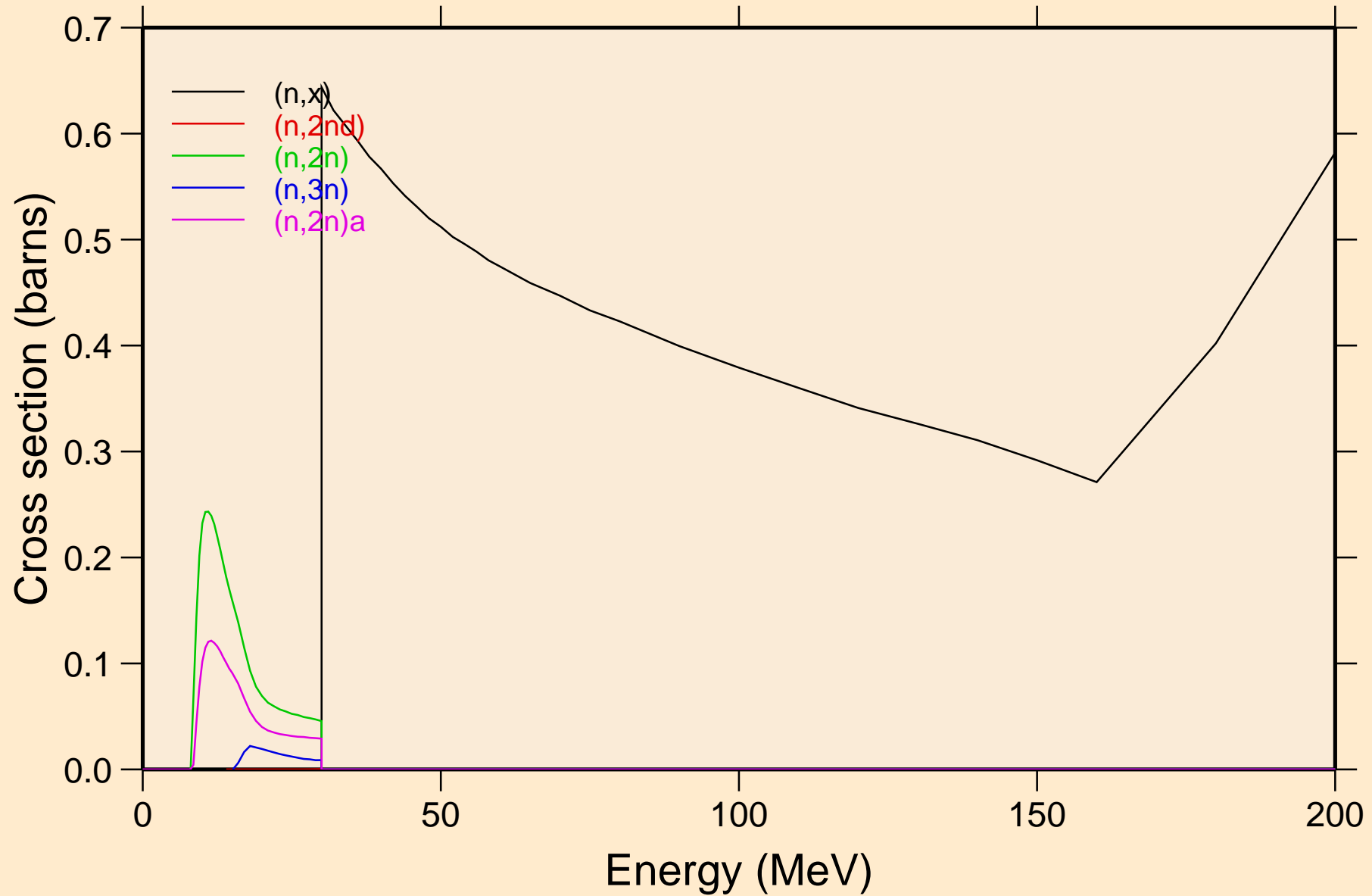


LR253M NRG TENDL-2016, AKONING  
Inelastic levels



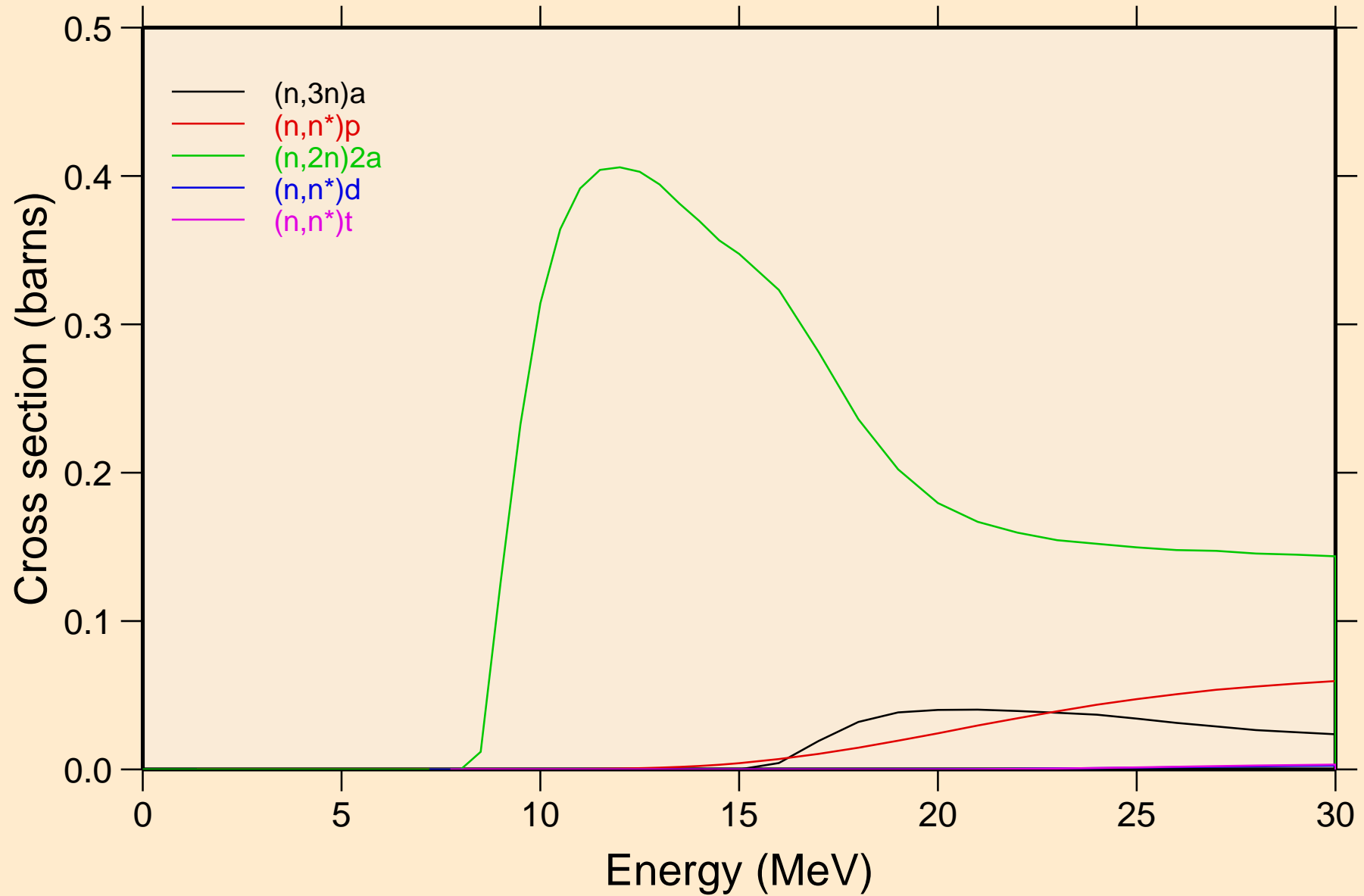
# LR253M NRG TENDL-2016, AKONING

## Threshold reactions



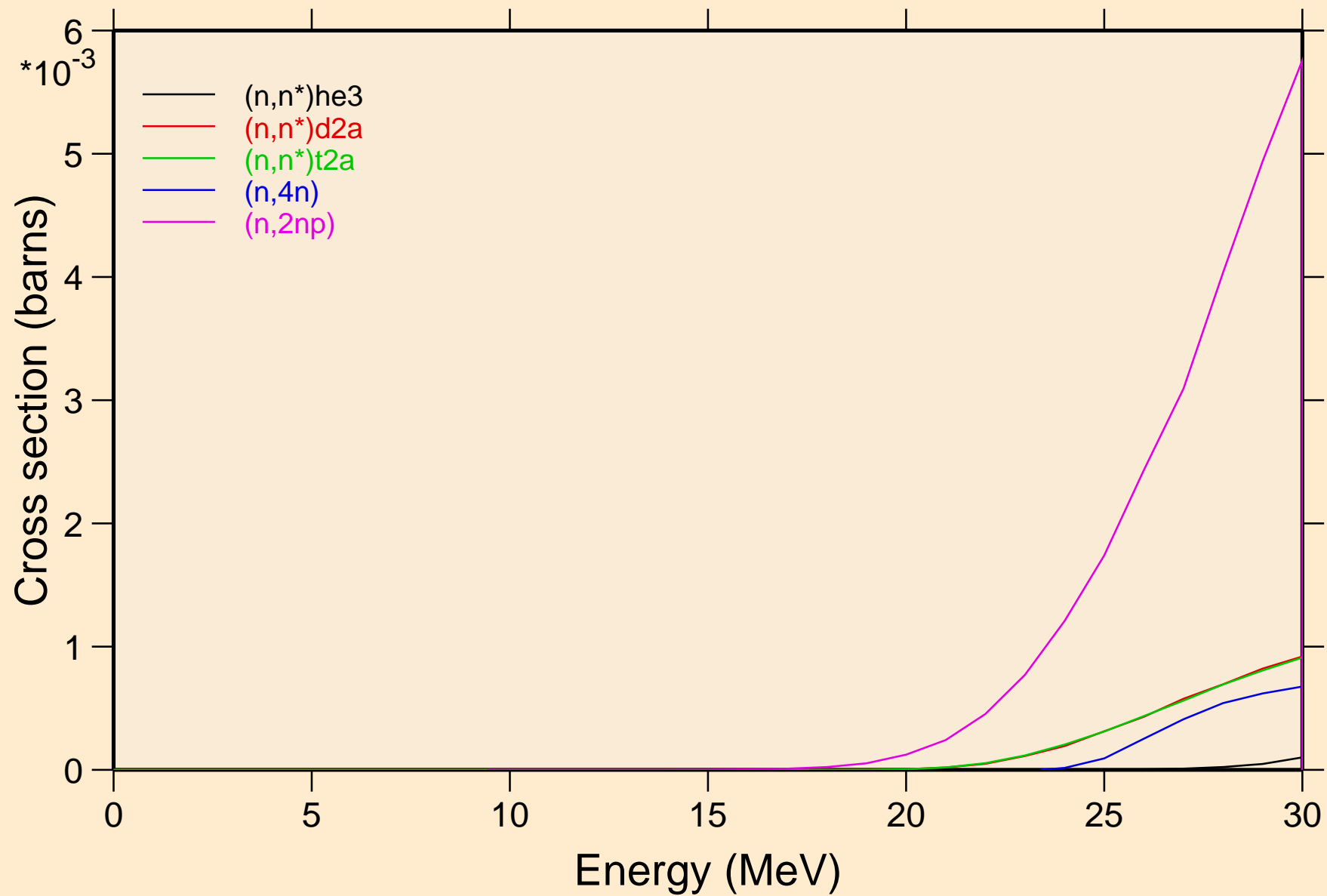
# LR253M NRG TENDL-2016, AKONING

## Threshold reactions



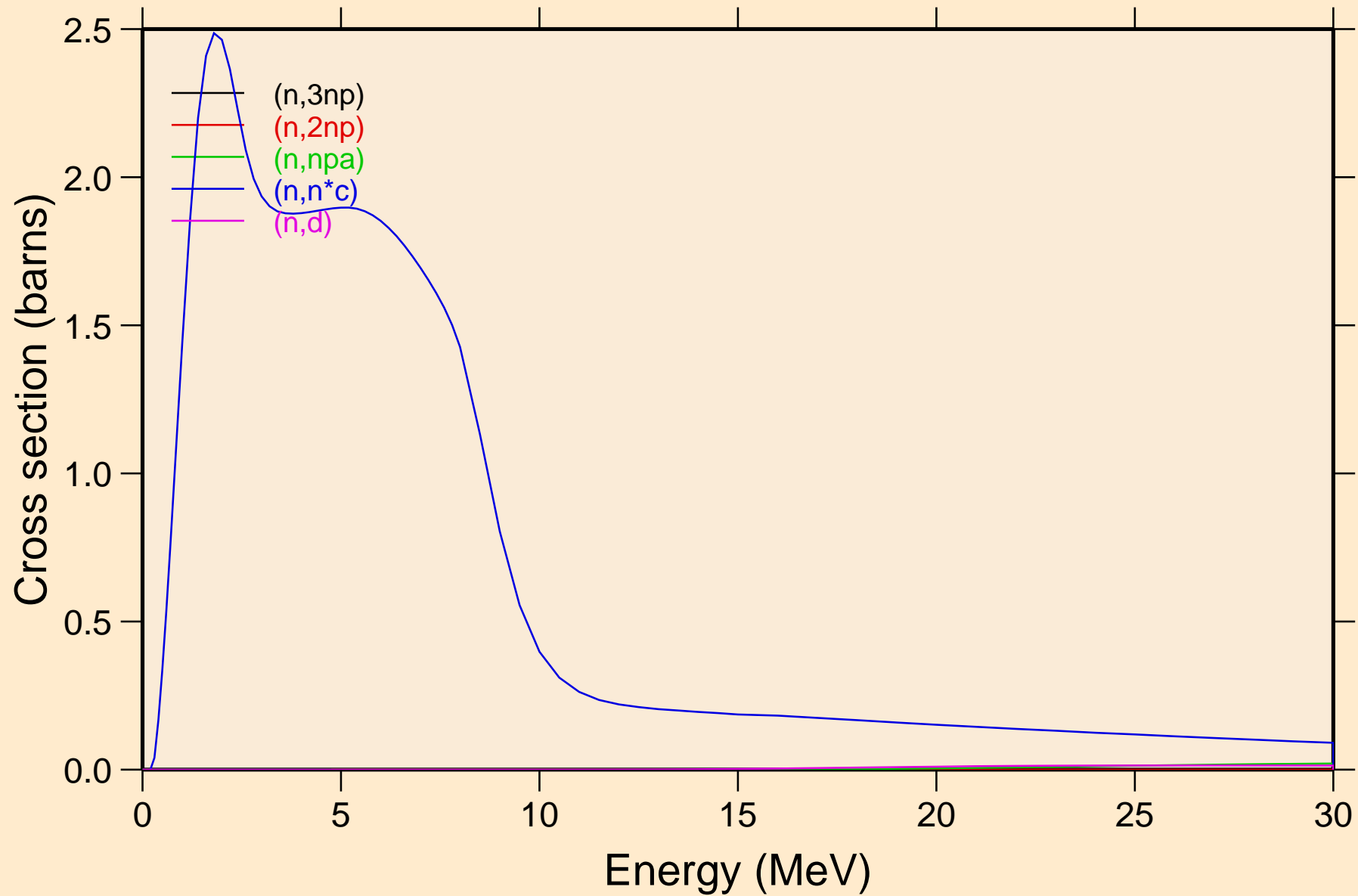
# LR253M NRG TENDL-2016, AKONING

## Threshold reactions



# LR253M NRG TENDL-2016, AKONING

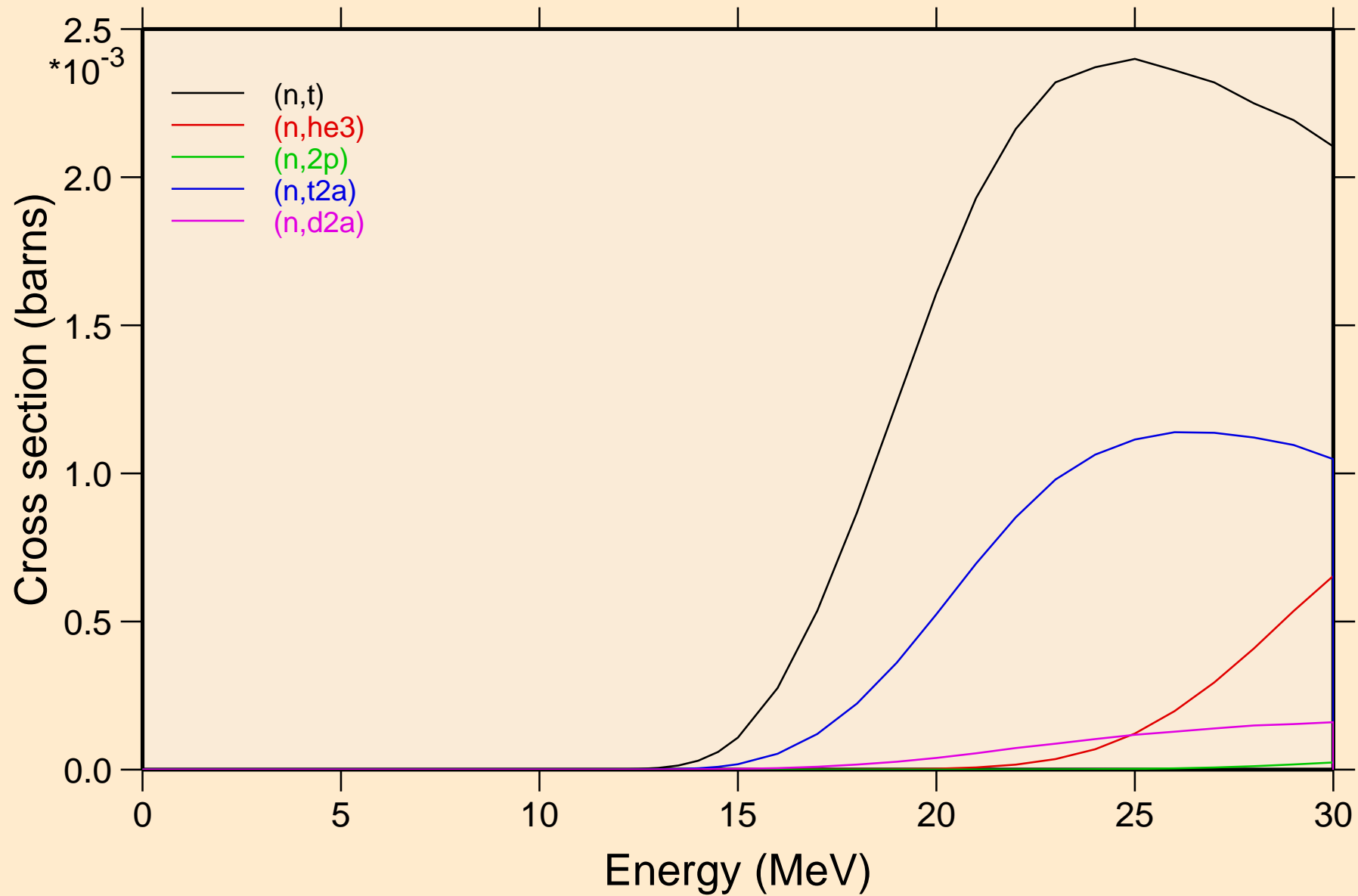
## Threshold reactions





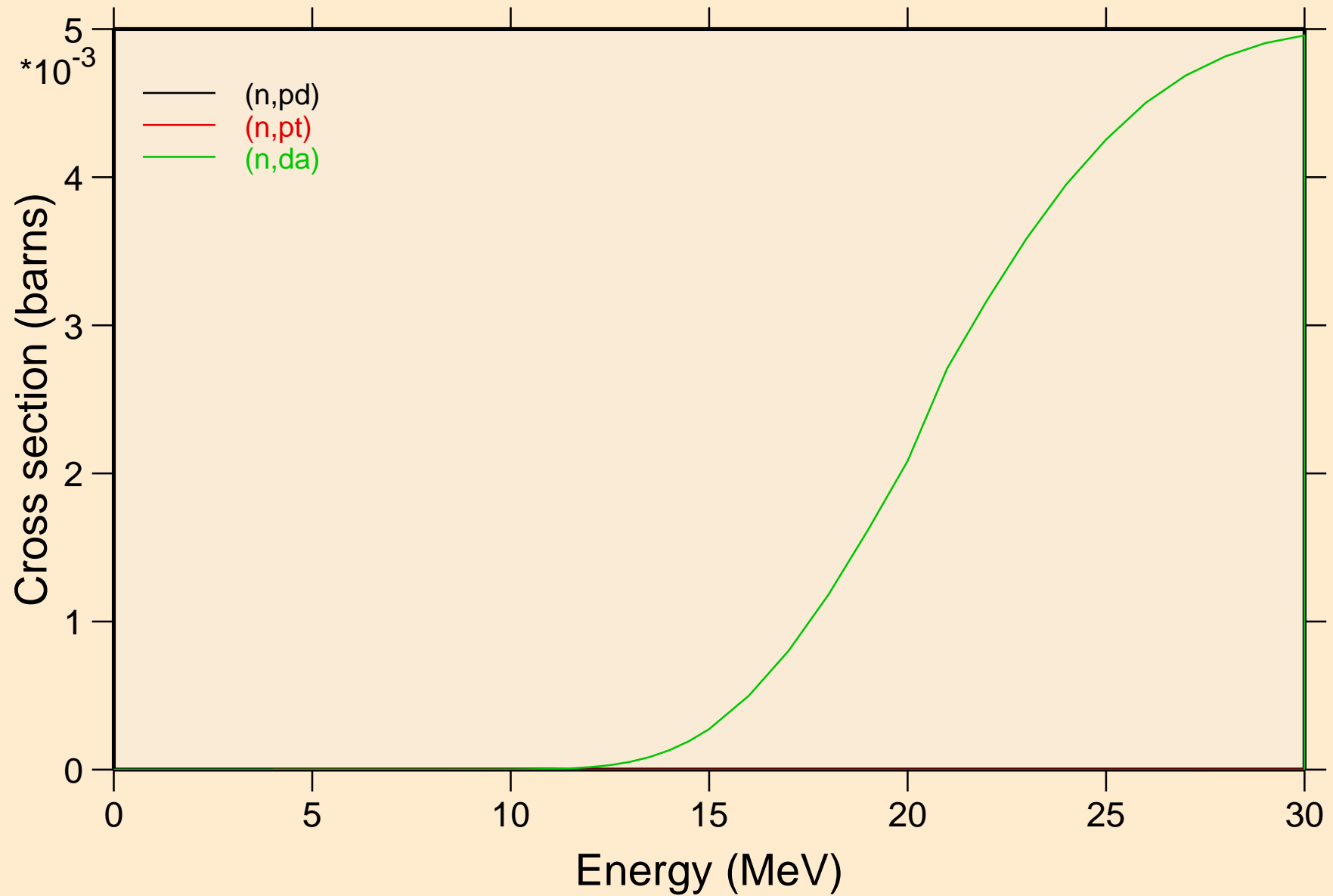
# LR253M NRG TENDL-2016, AKONING

## Threshold reactions

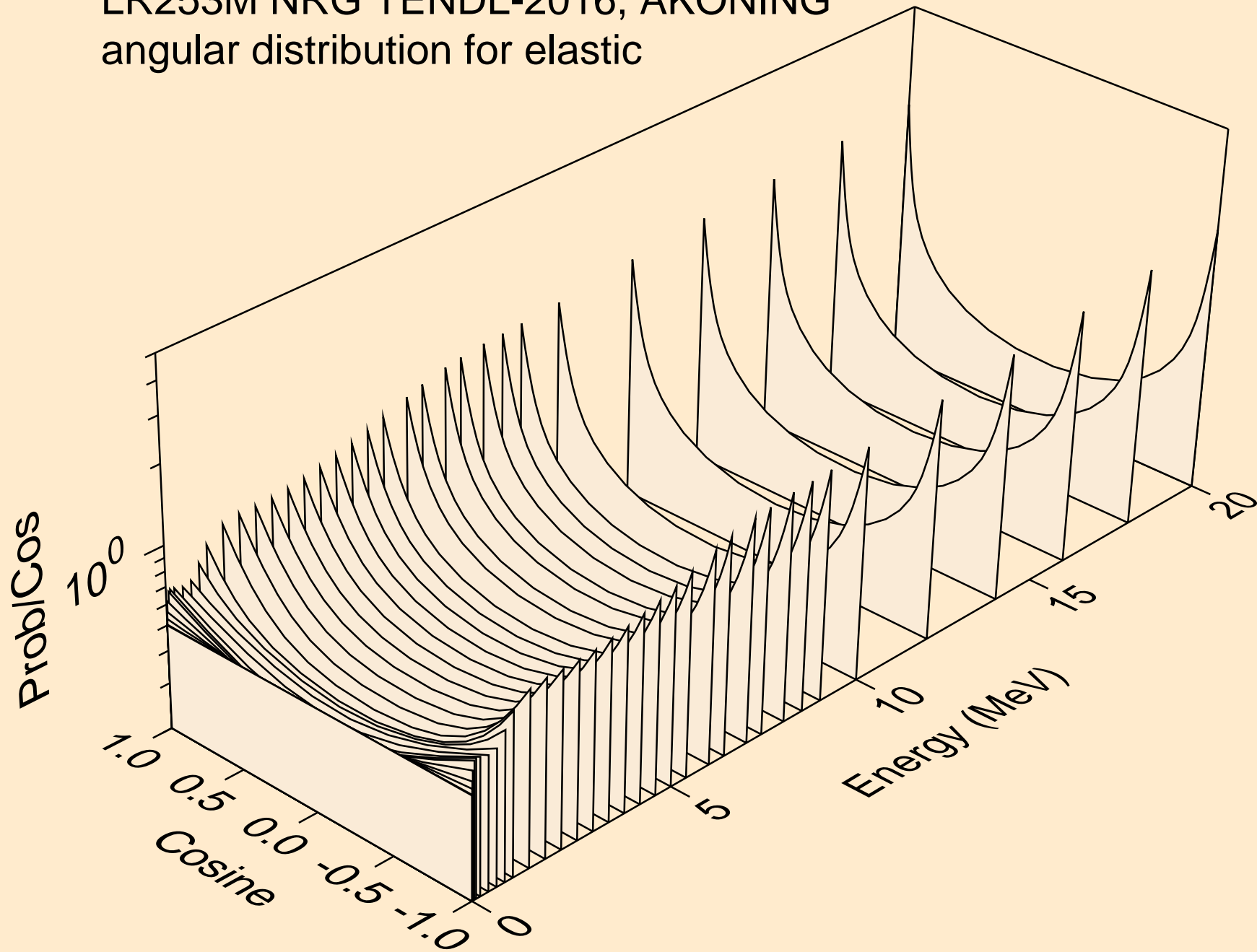


# LR253M NRG TENDL-2016, AKONING

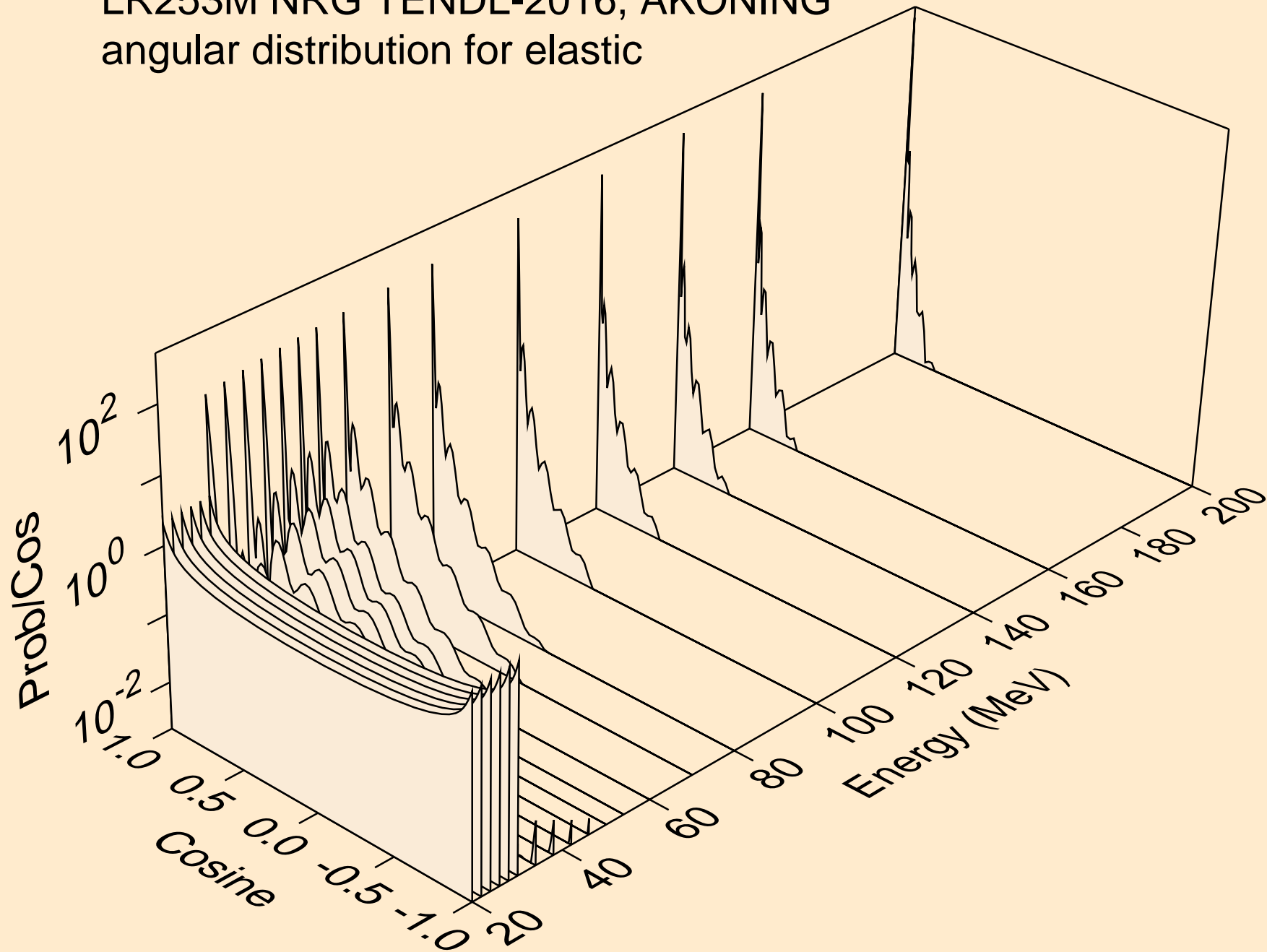
## Threshold reactions



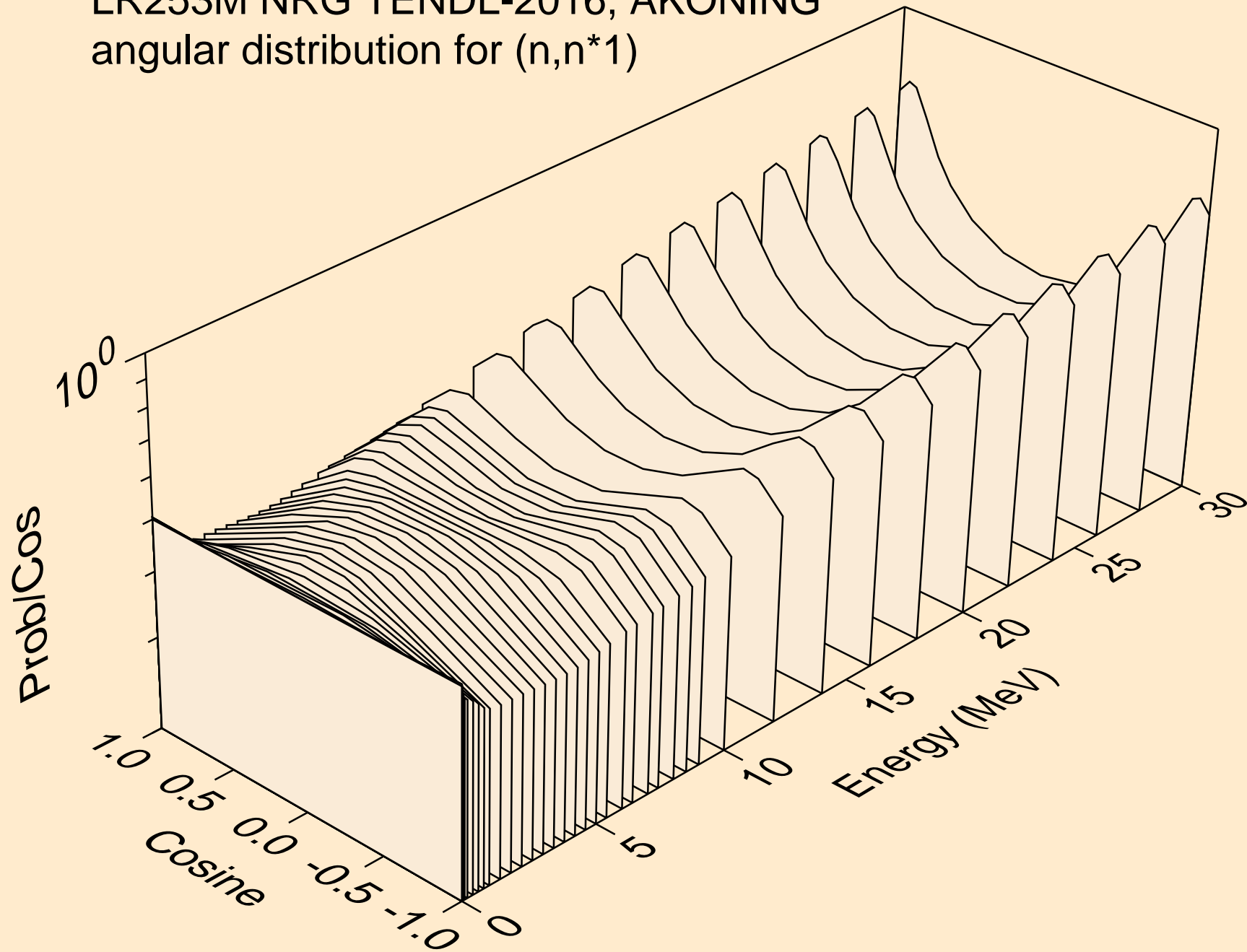
LR253M NRG TENDL-2016, AKONING  
angular distribution for elastic



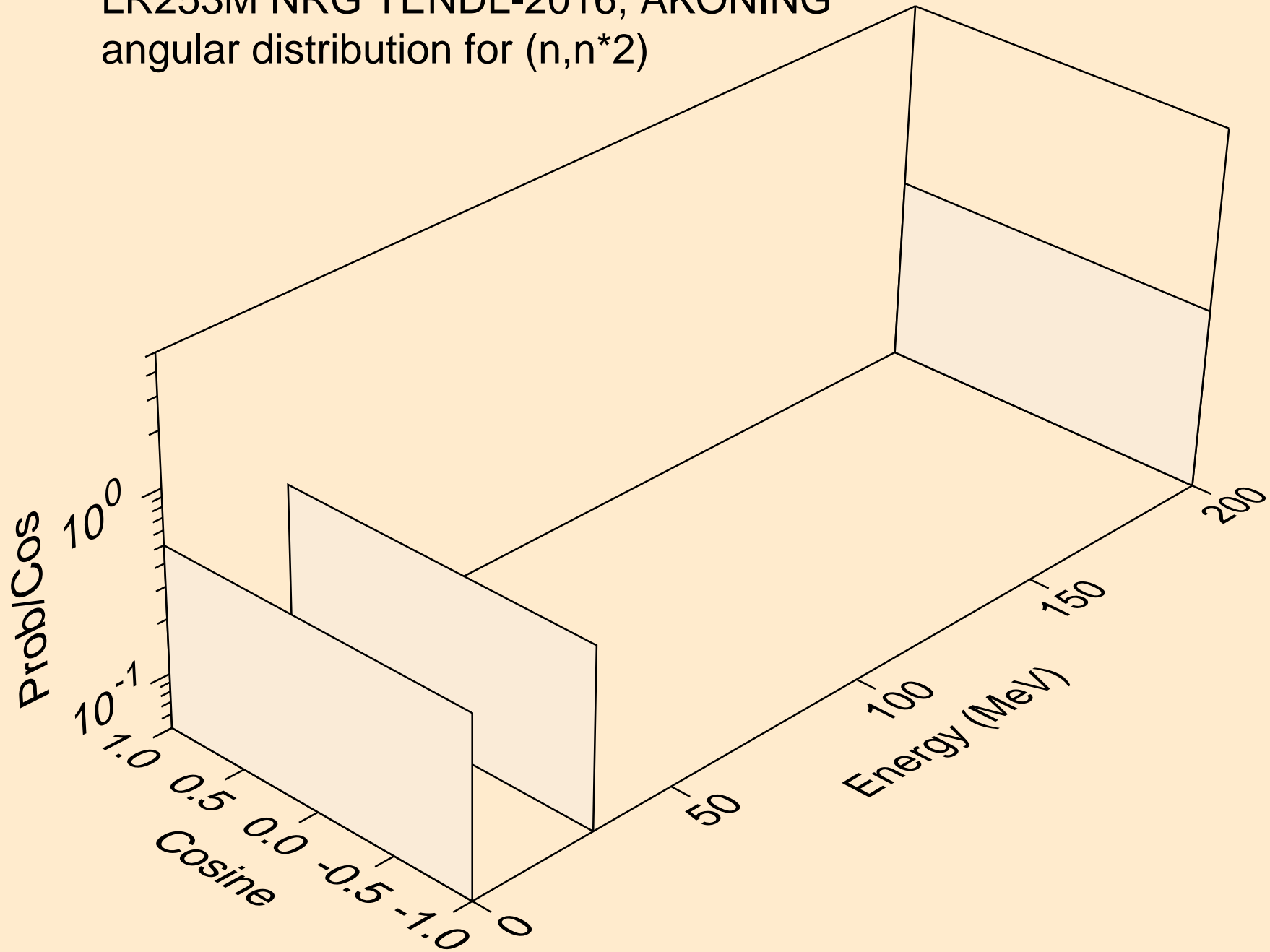
LR253M NRG TENDL-2016, AKONING  
angular distribution for elastic



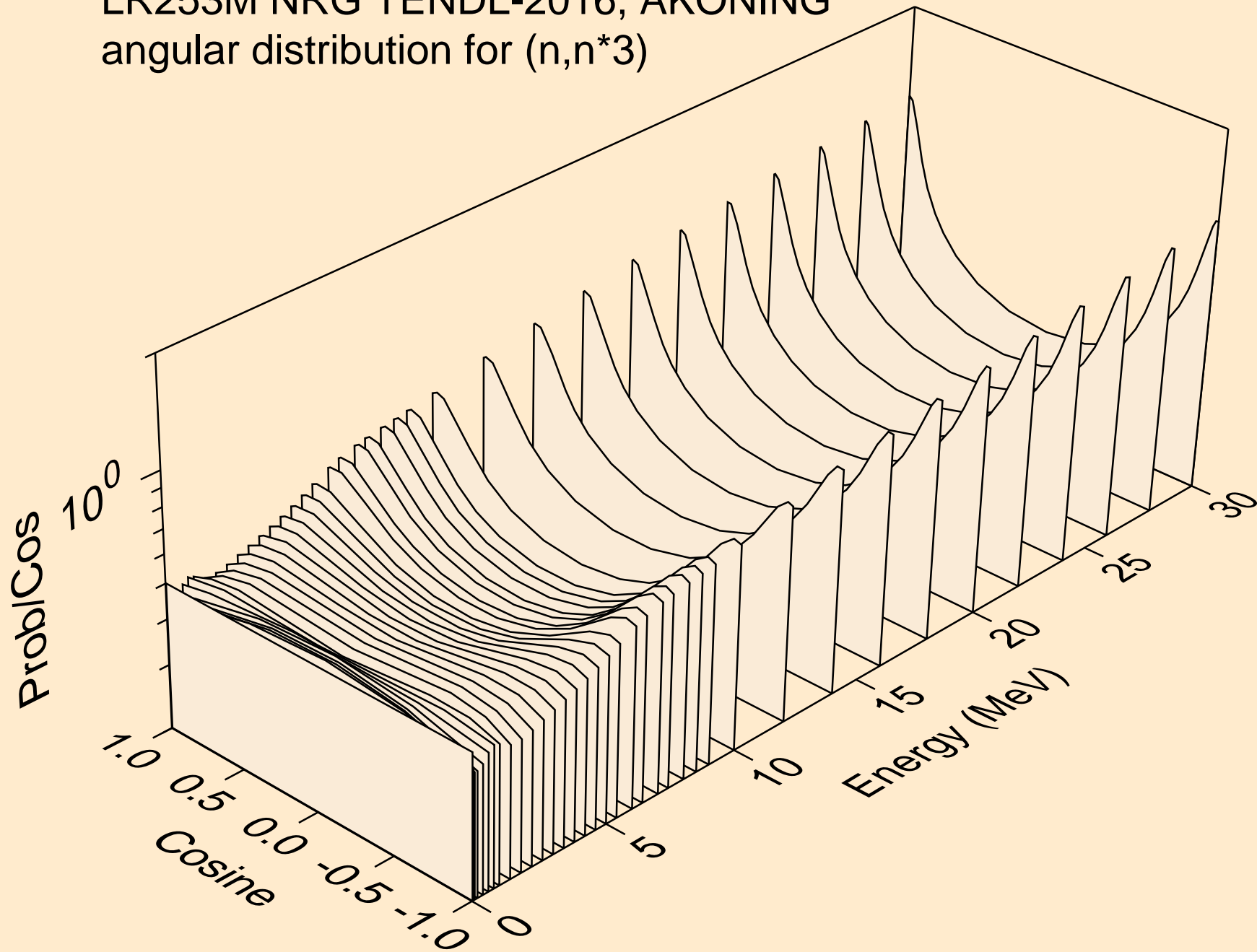
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*1)



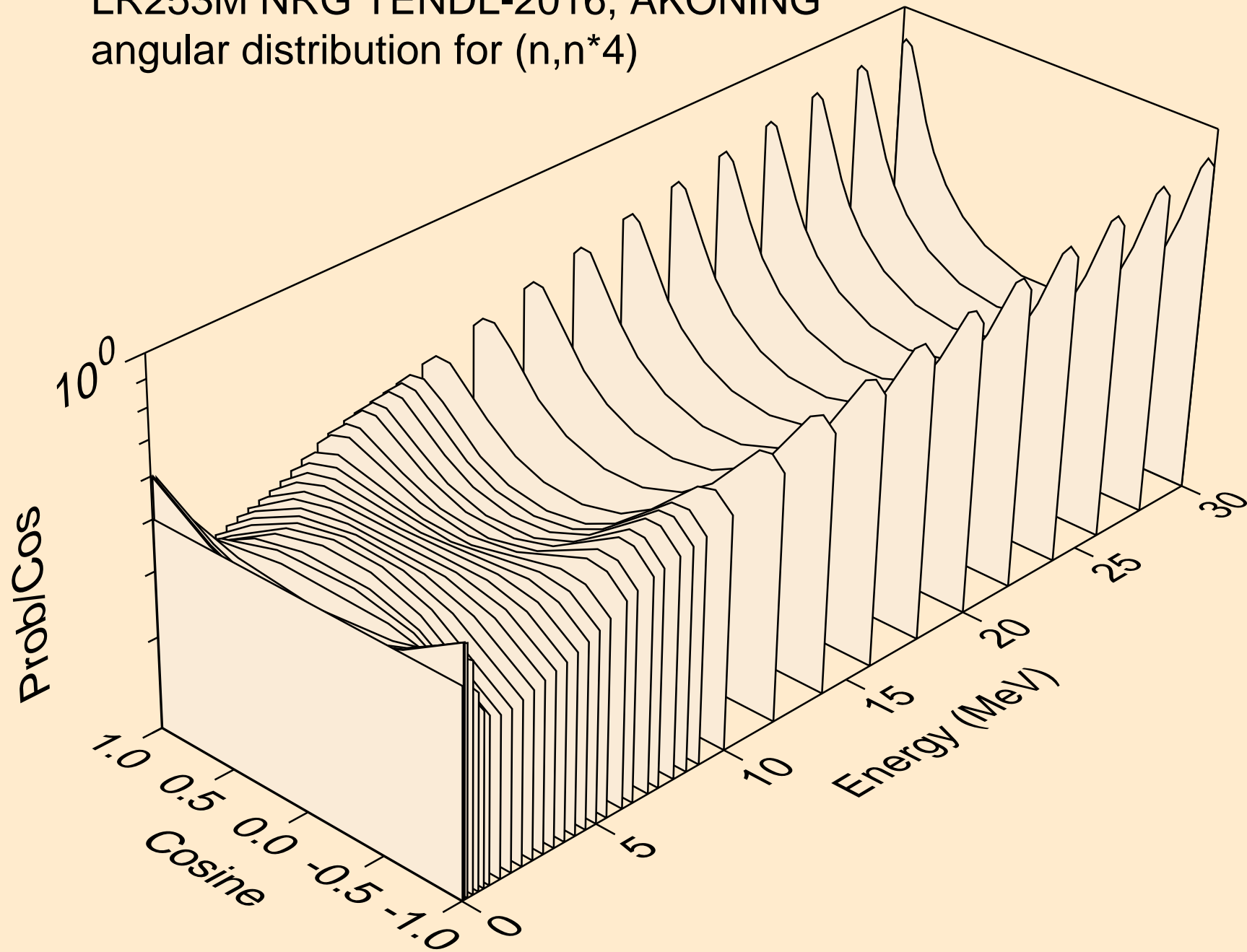
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*2)



LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*3)

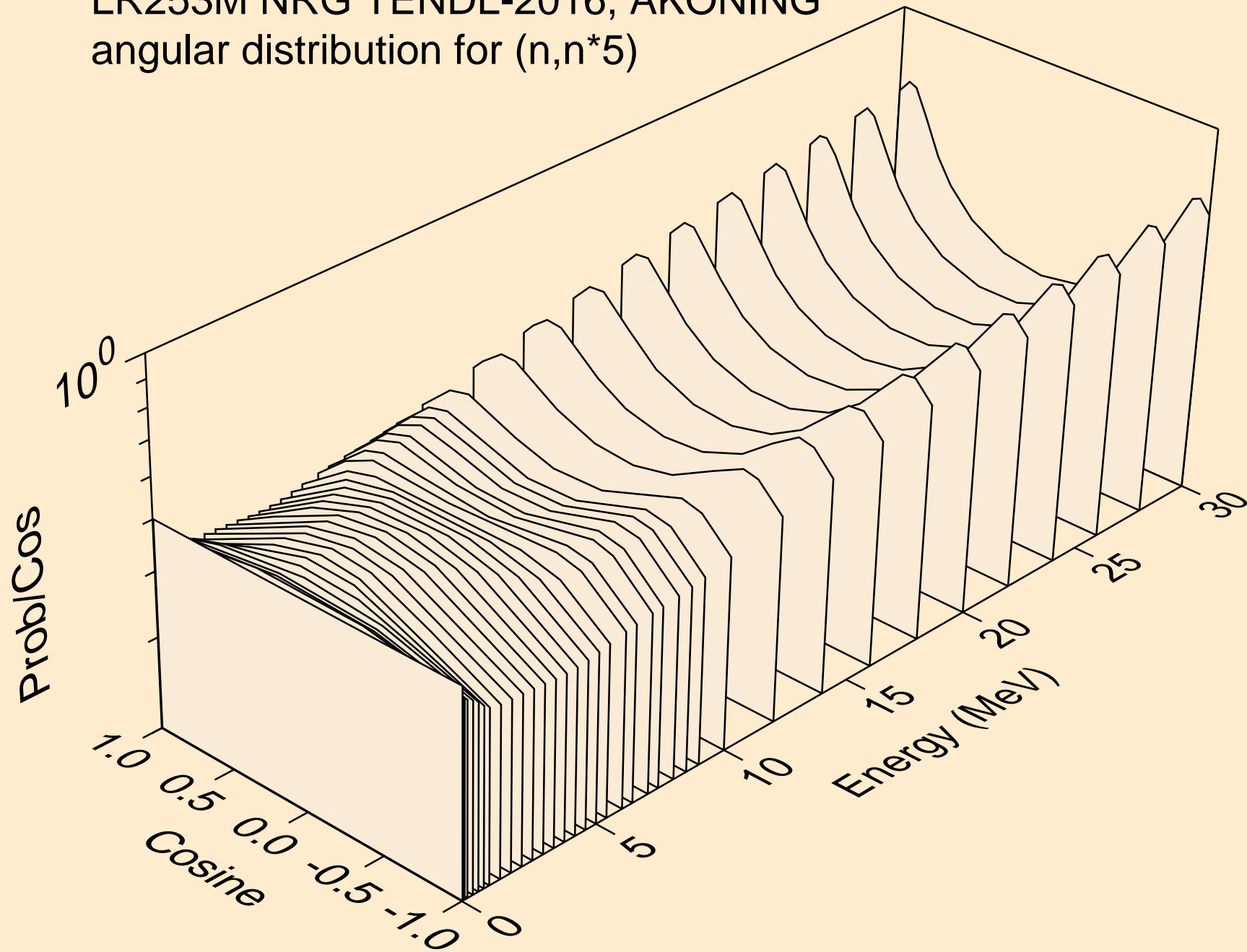


LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*4)

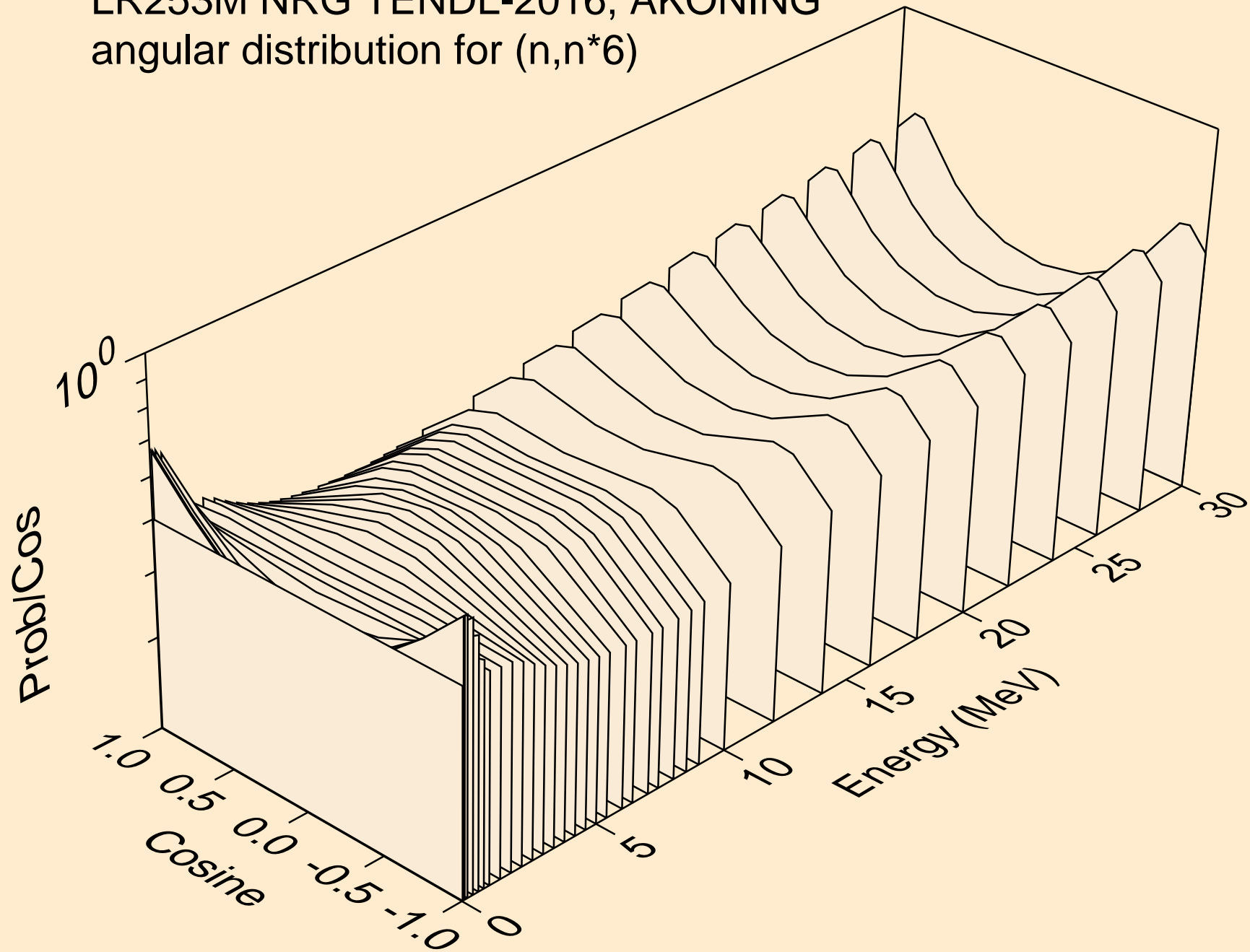




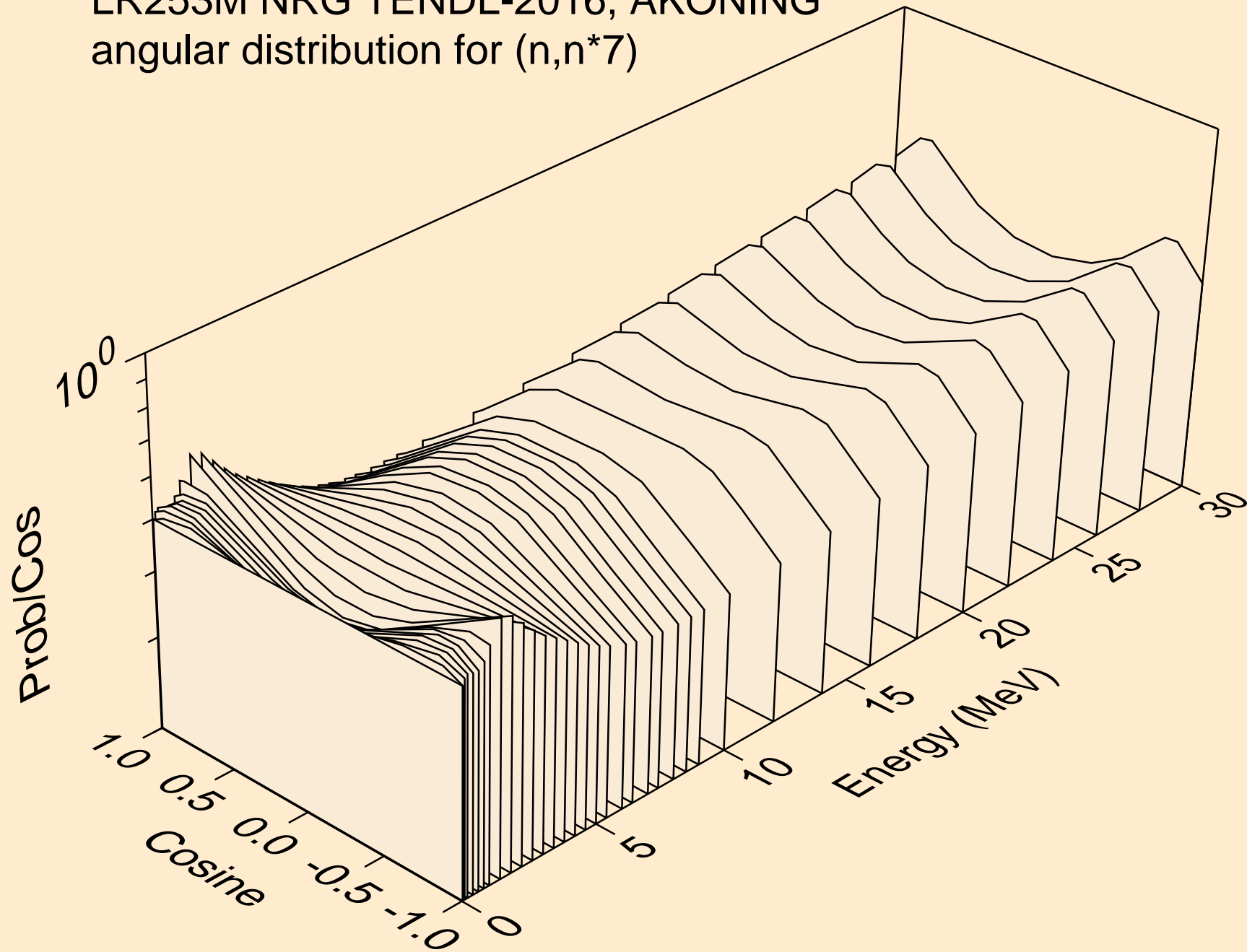
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*5)



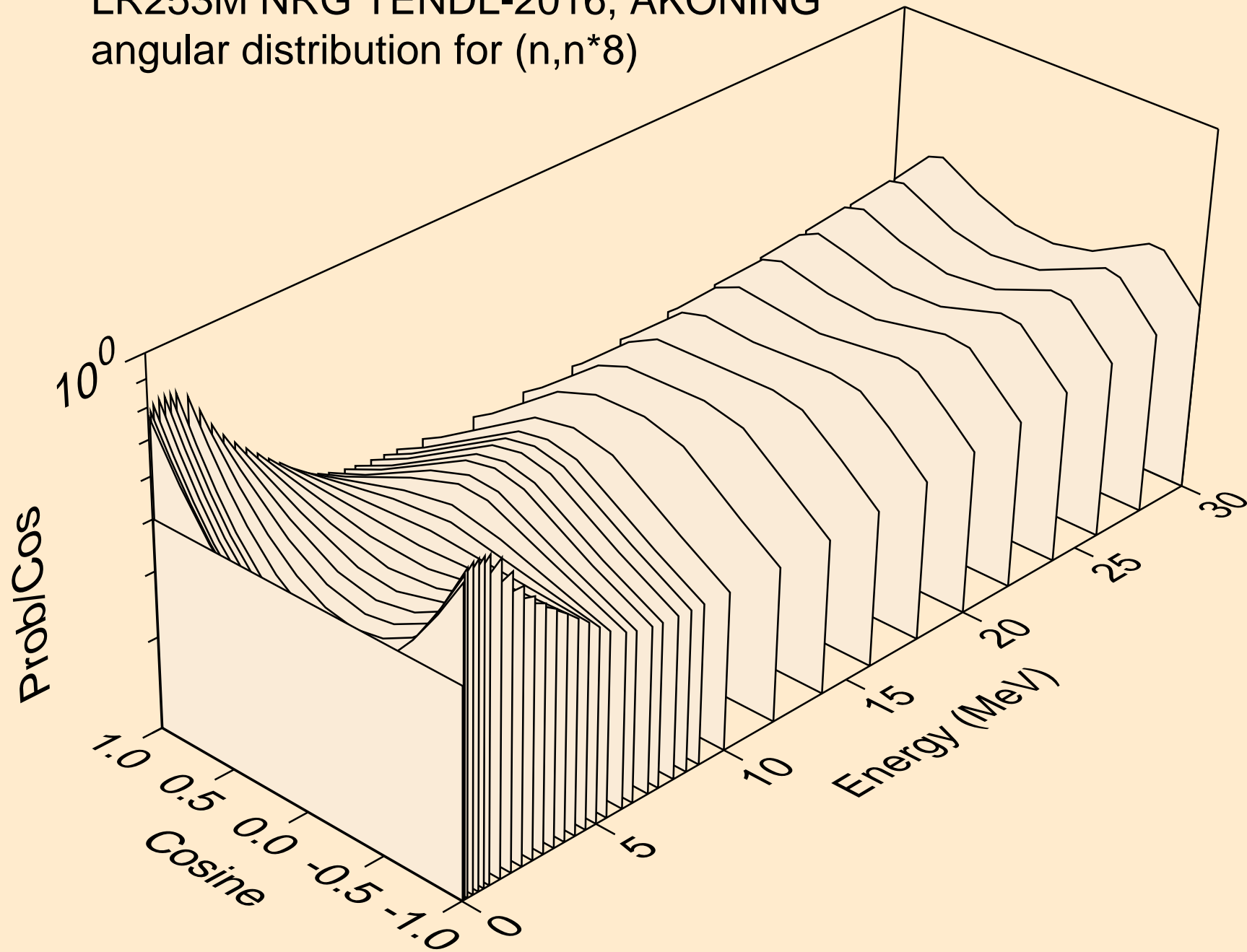
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*6)



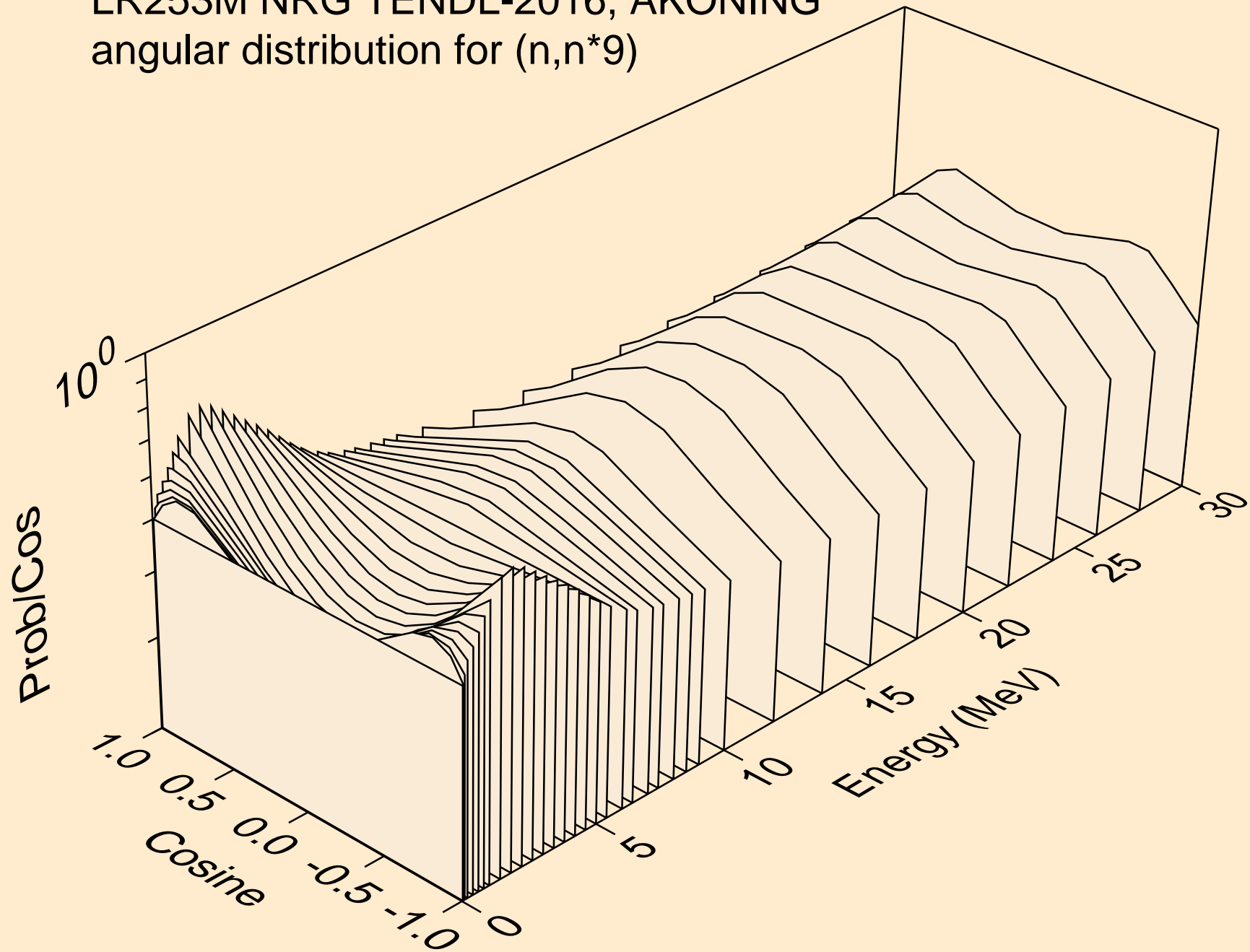
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*7)



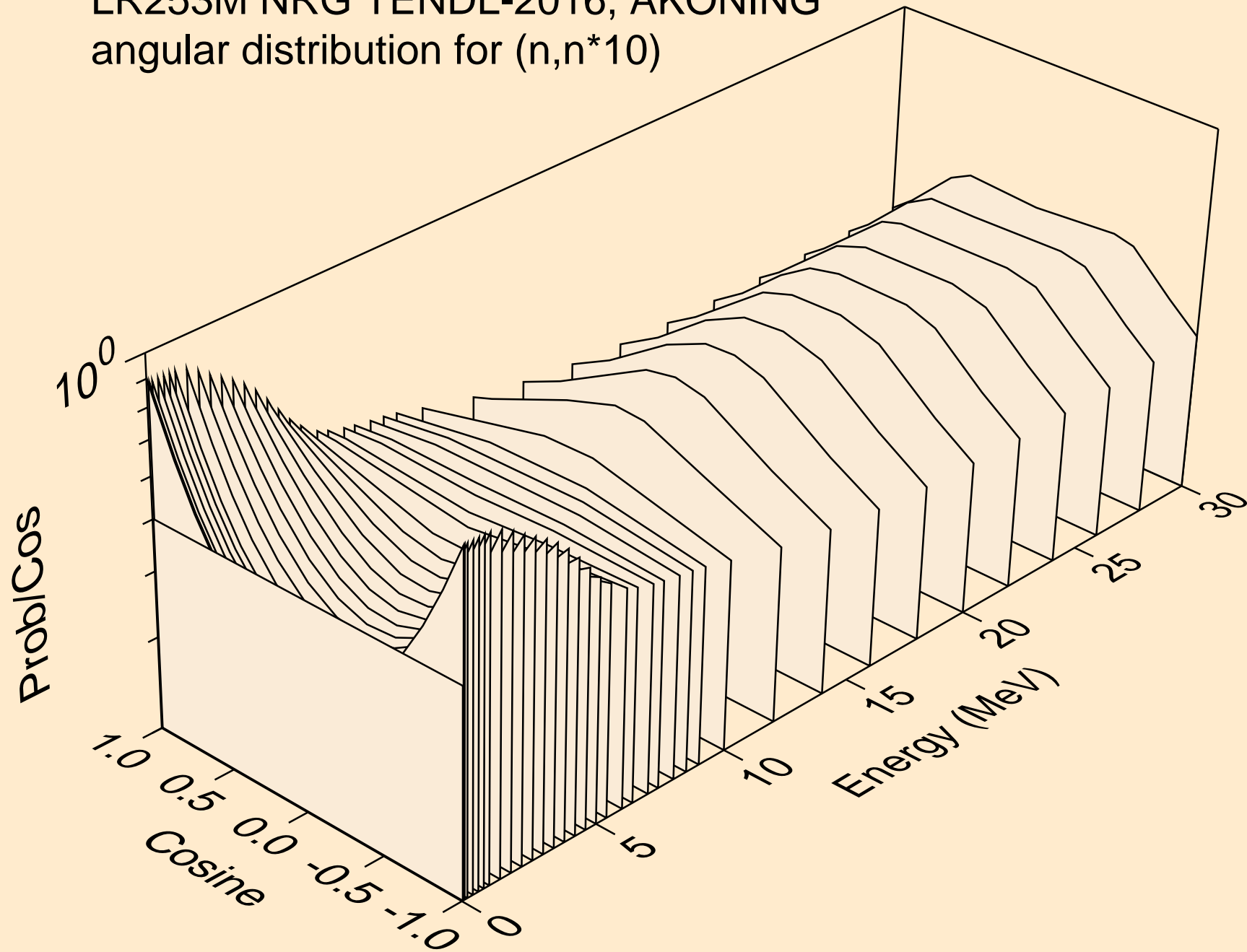
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*8)



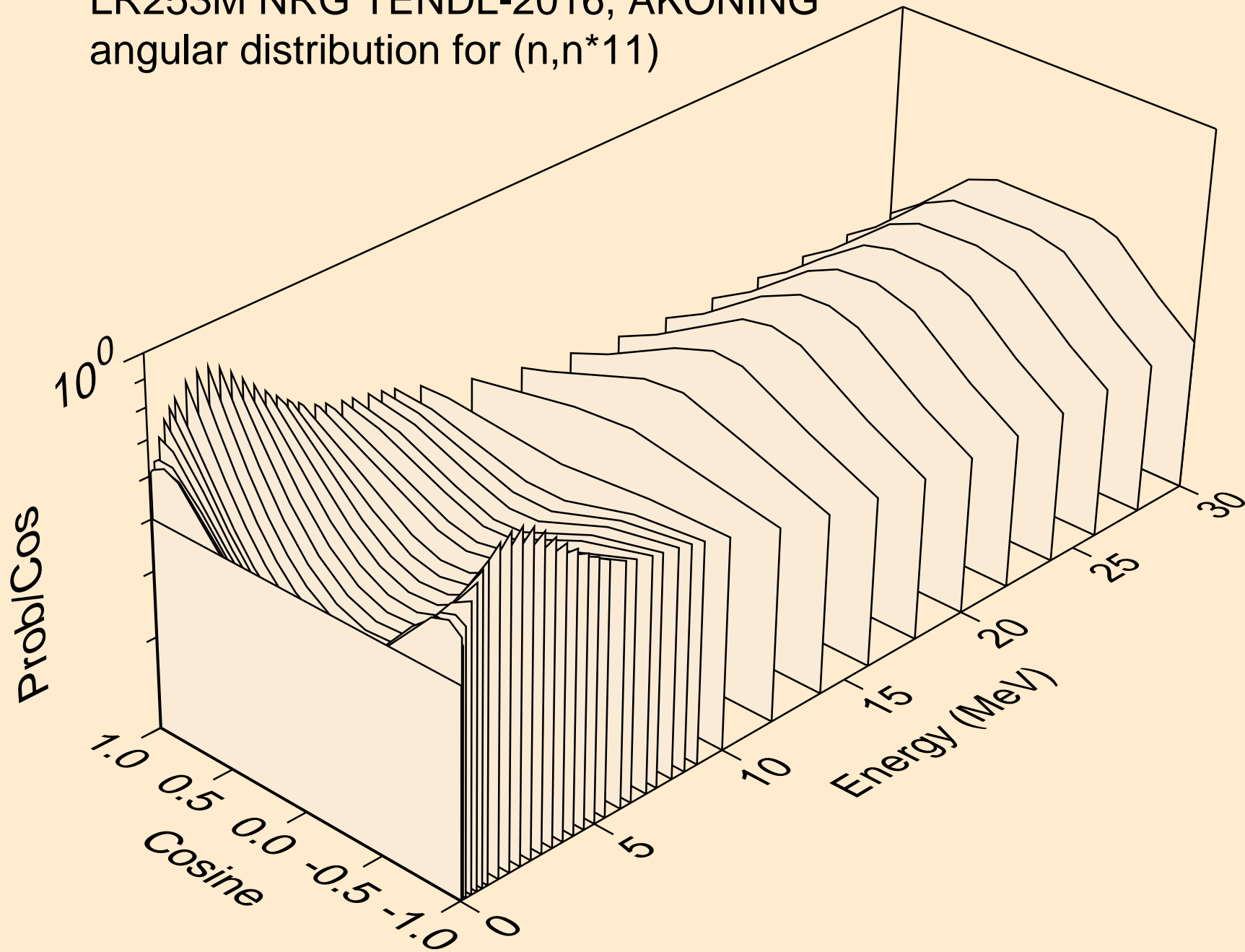
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*9)



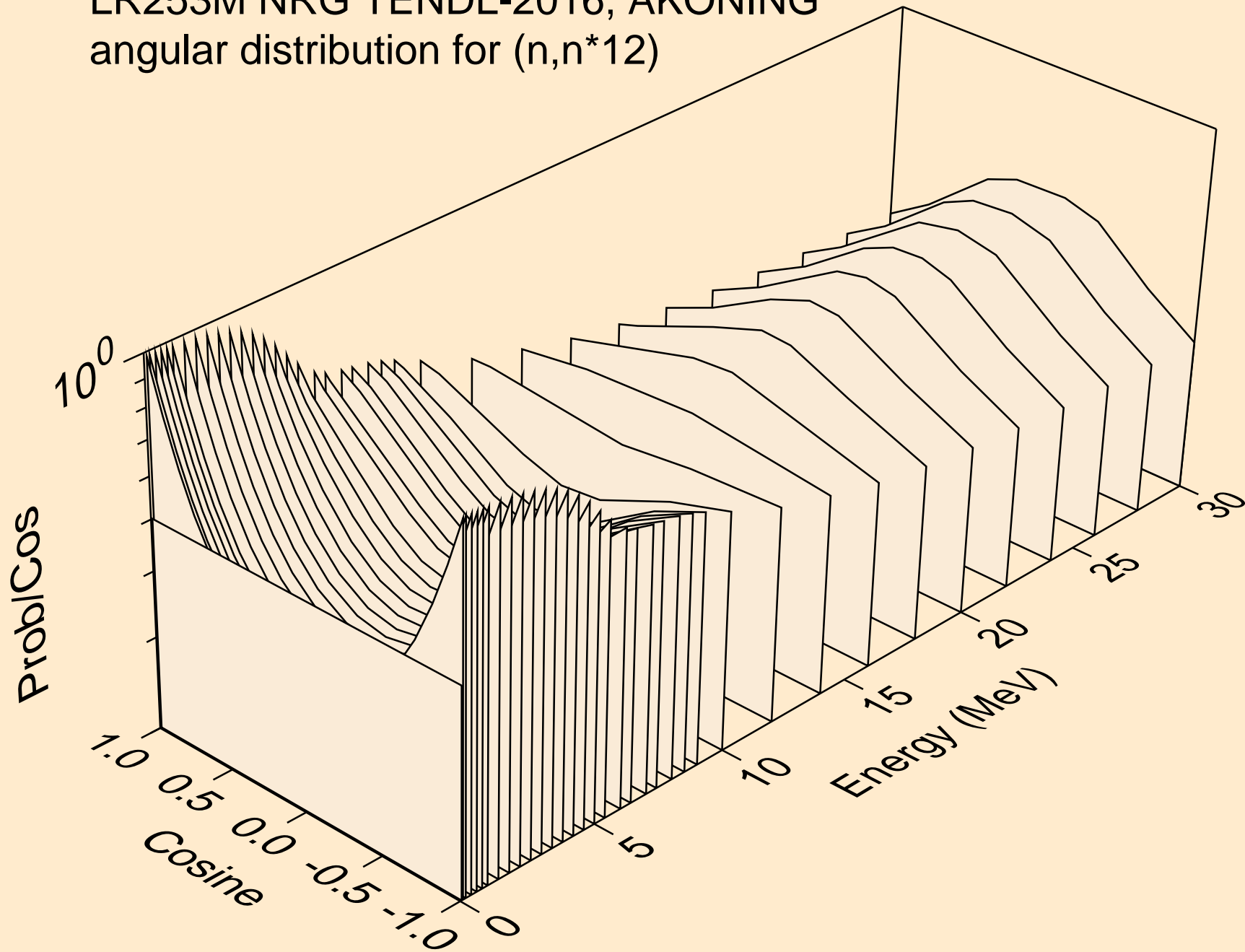
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*10)



LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*11)

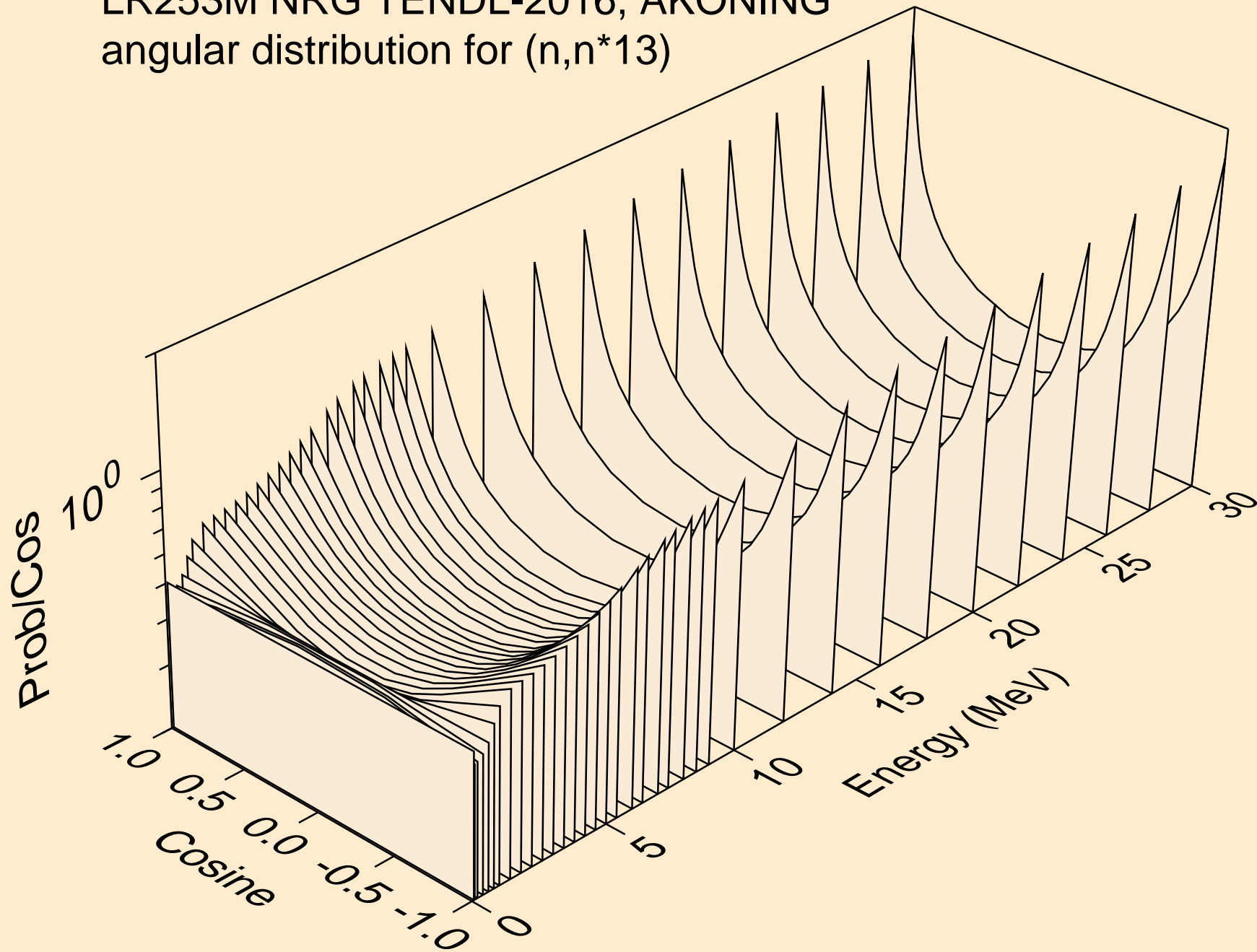


LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*12)

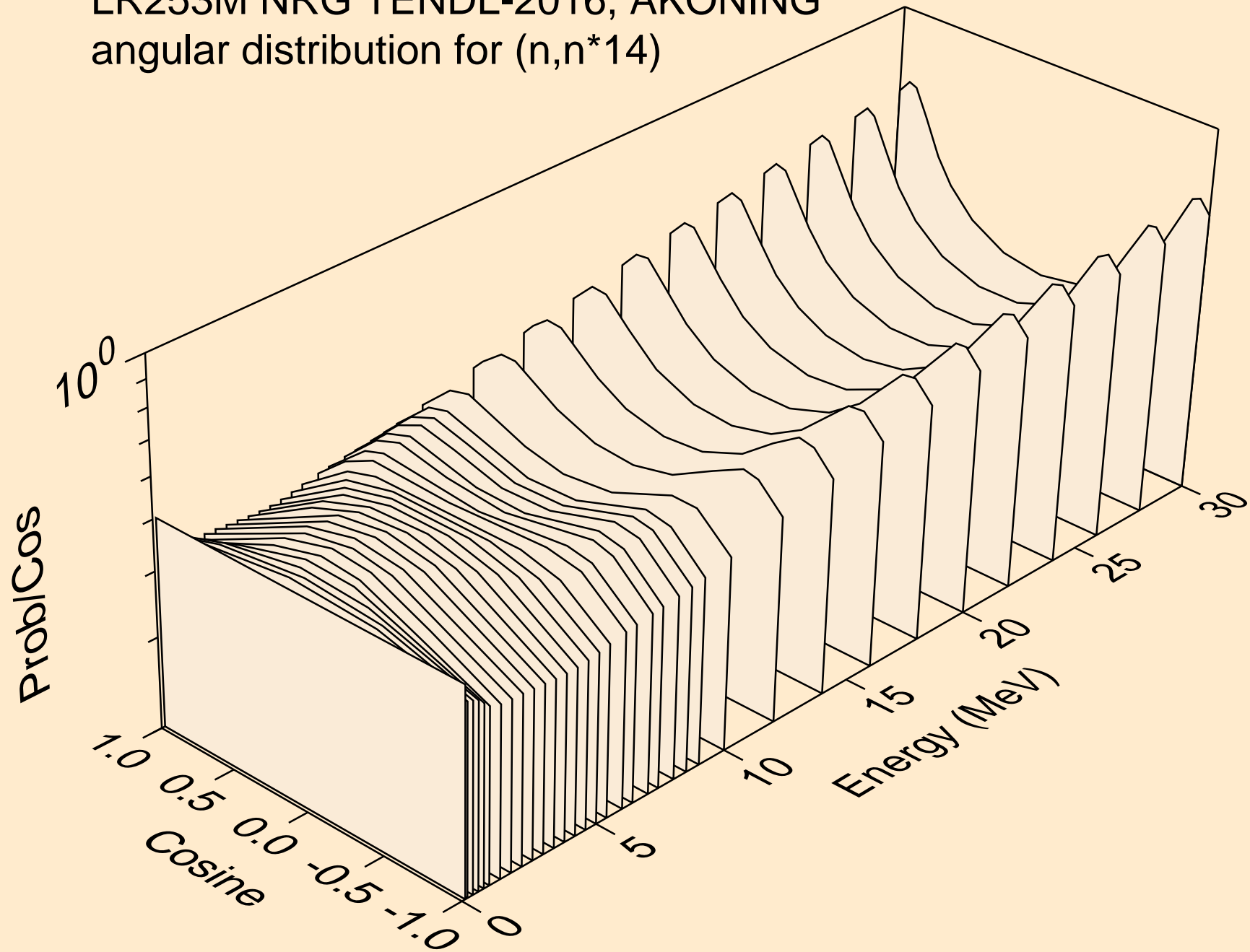




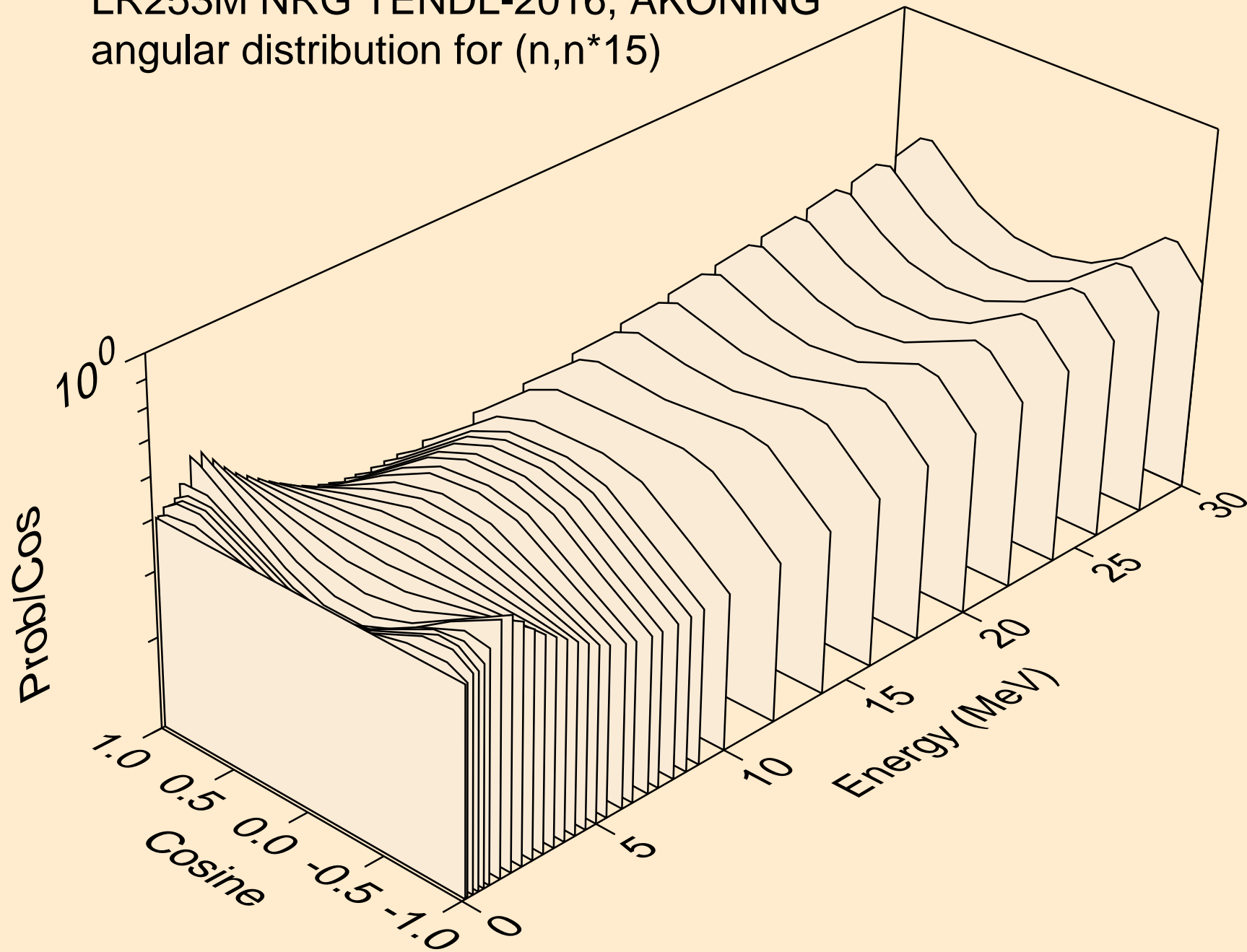
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*13)



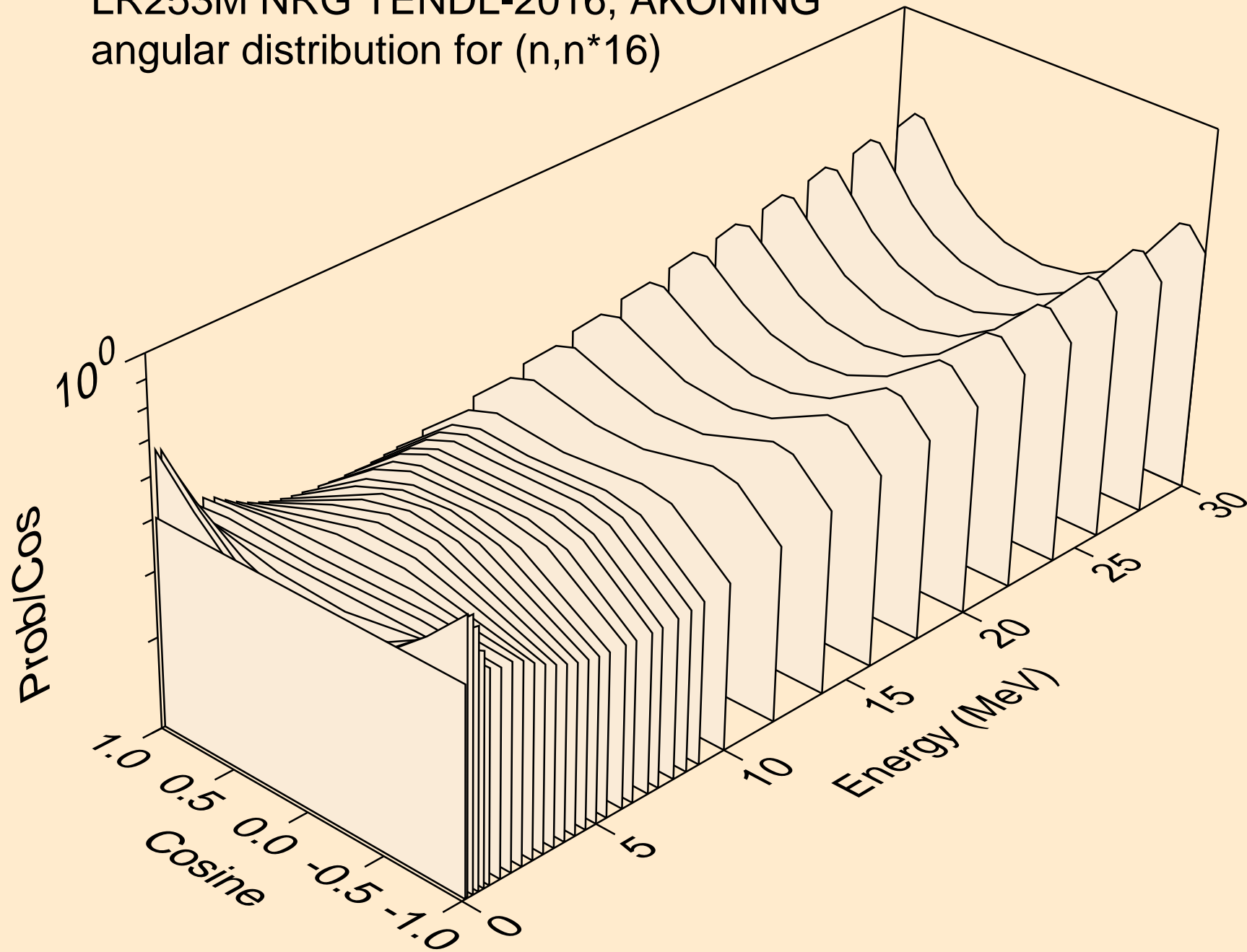
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*14)



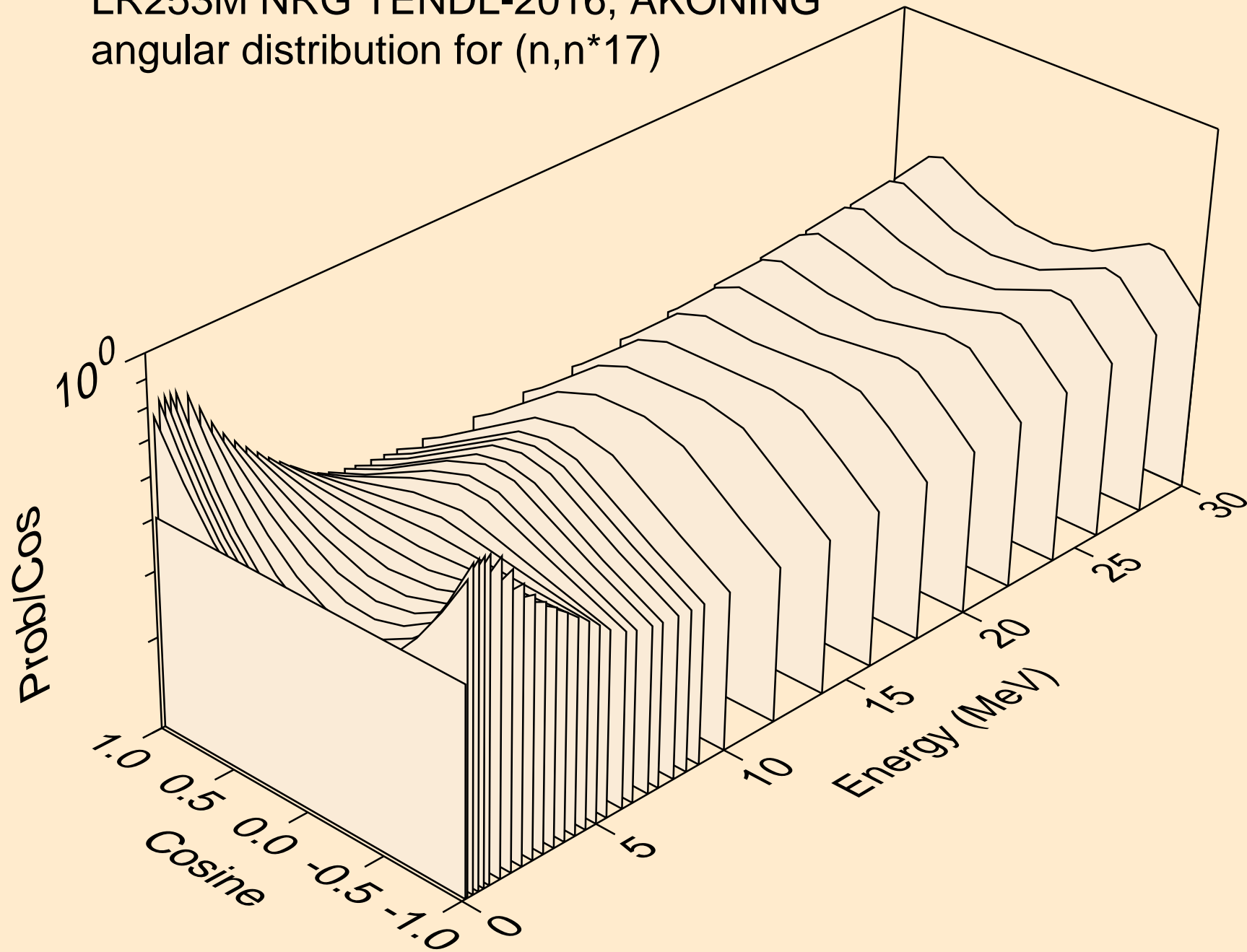
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*15)



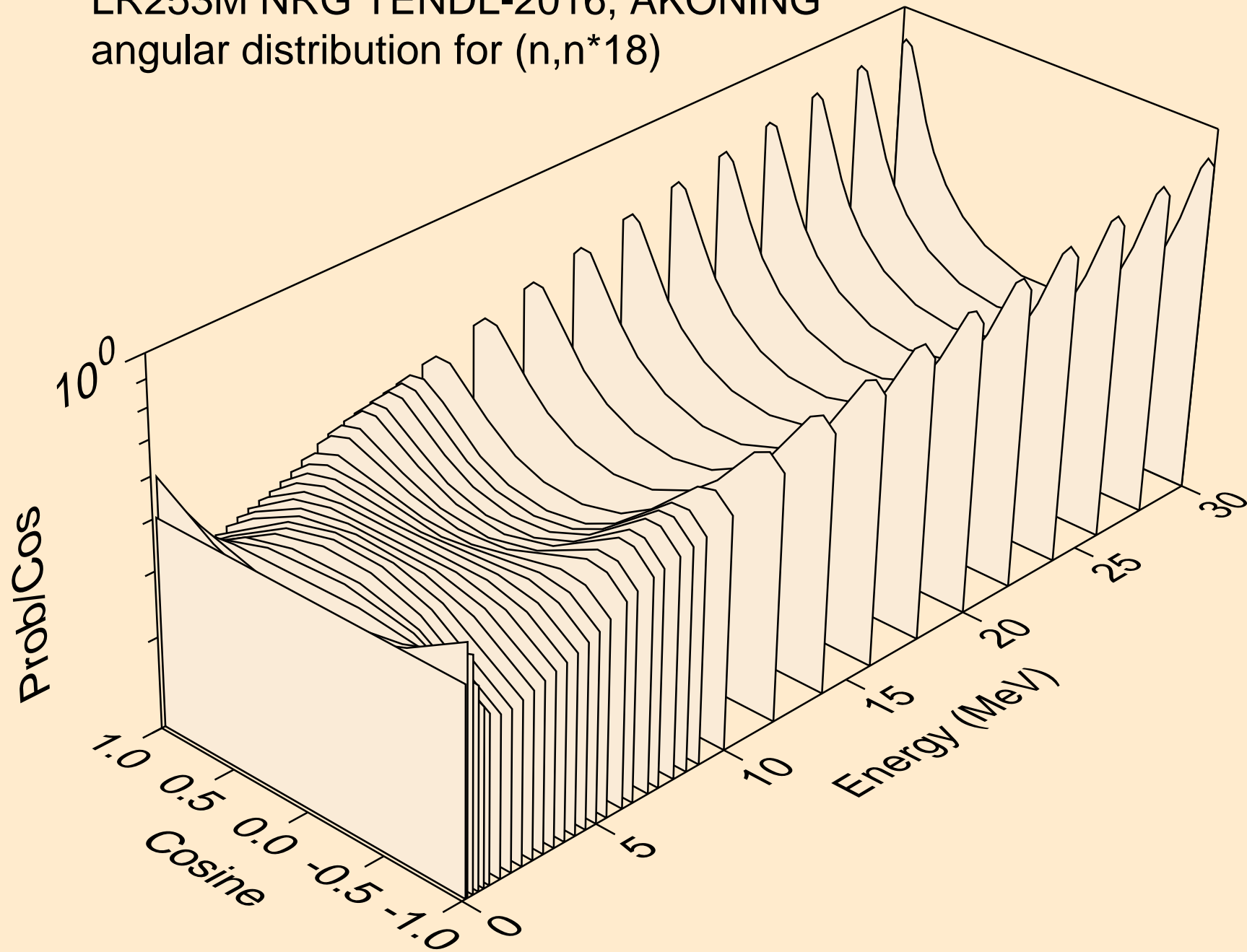
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*16)



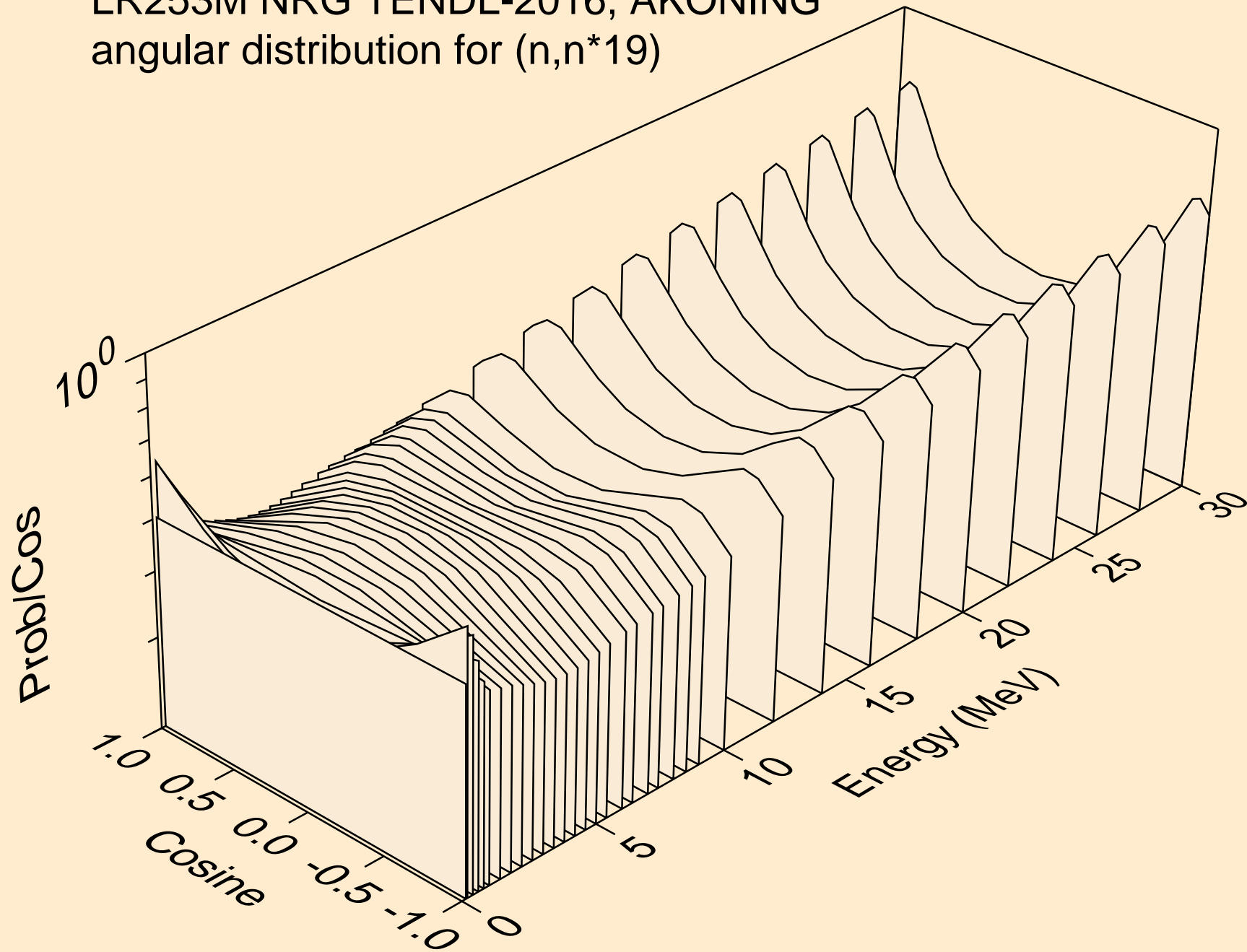
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*17)



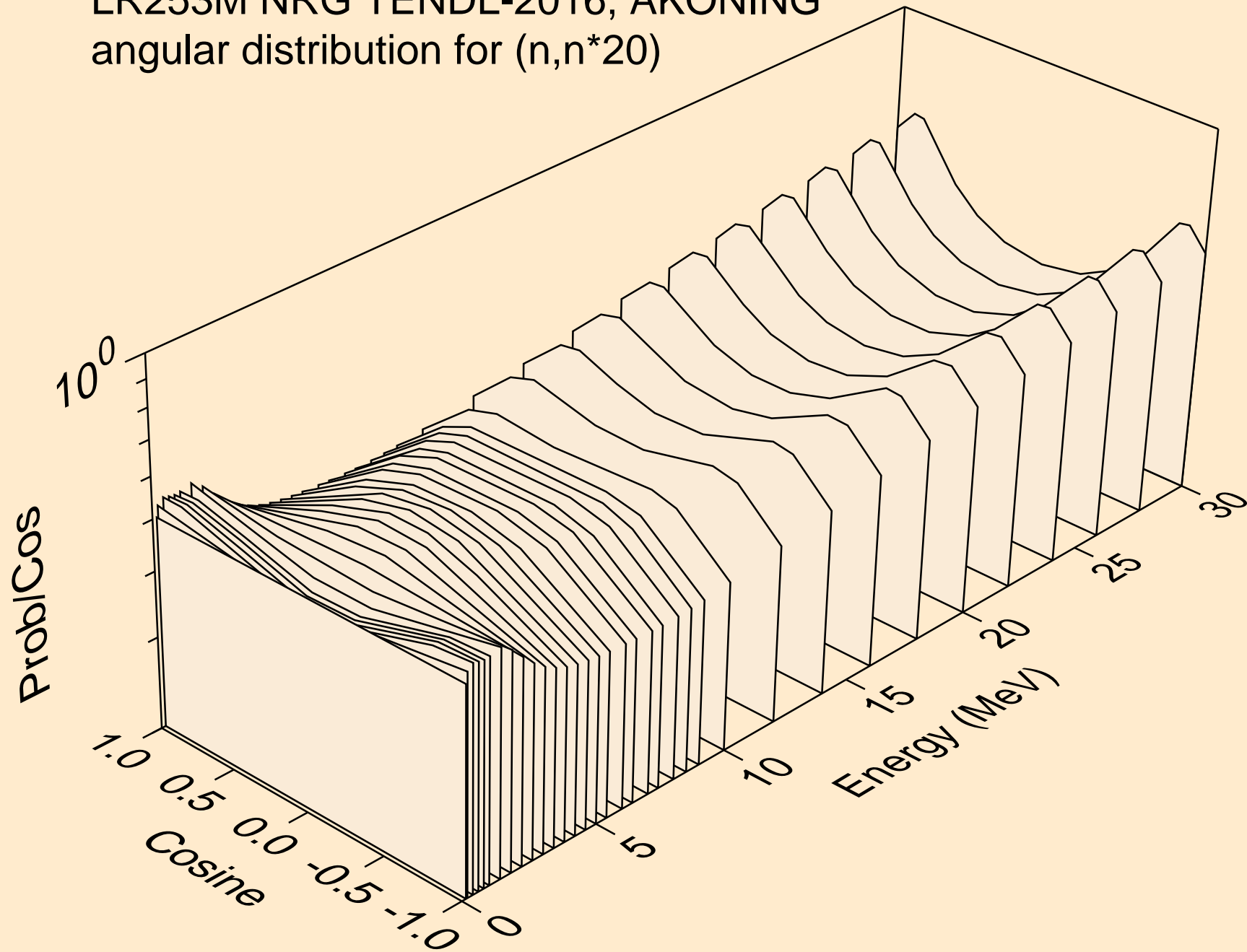
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*18)



LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*19)

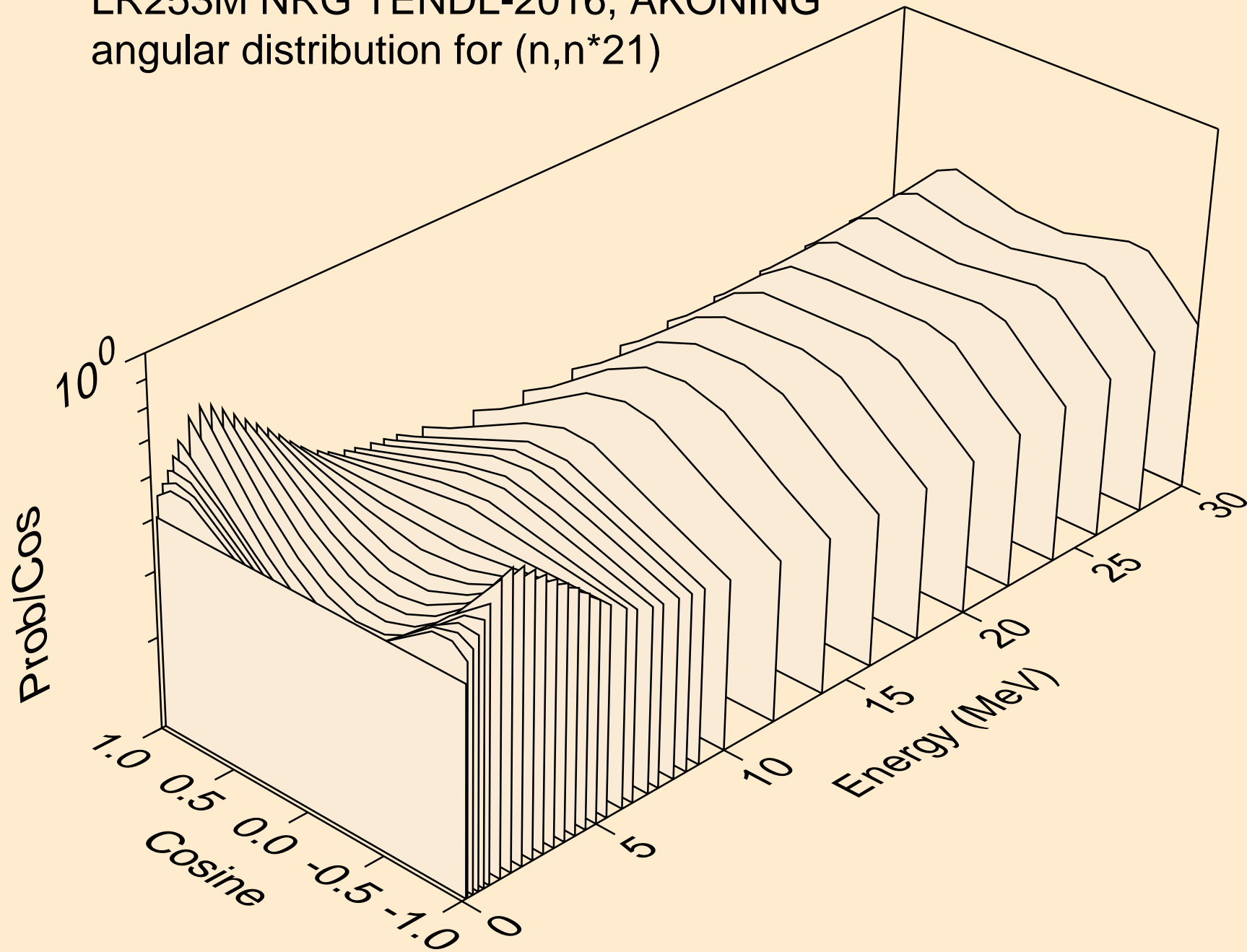


LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*20)

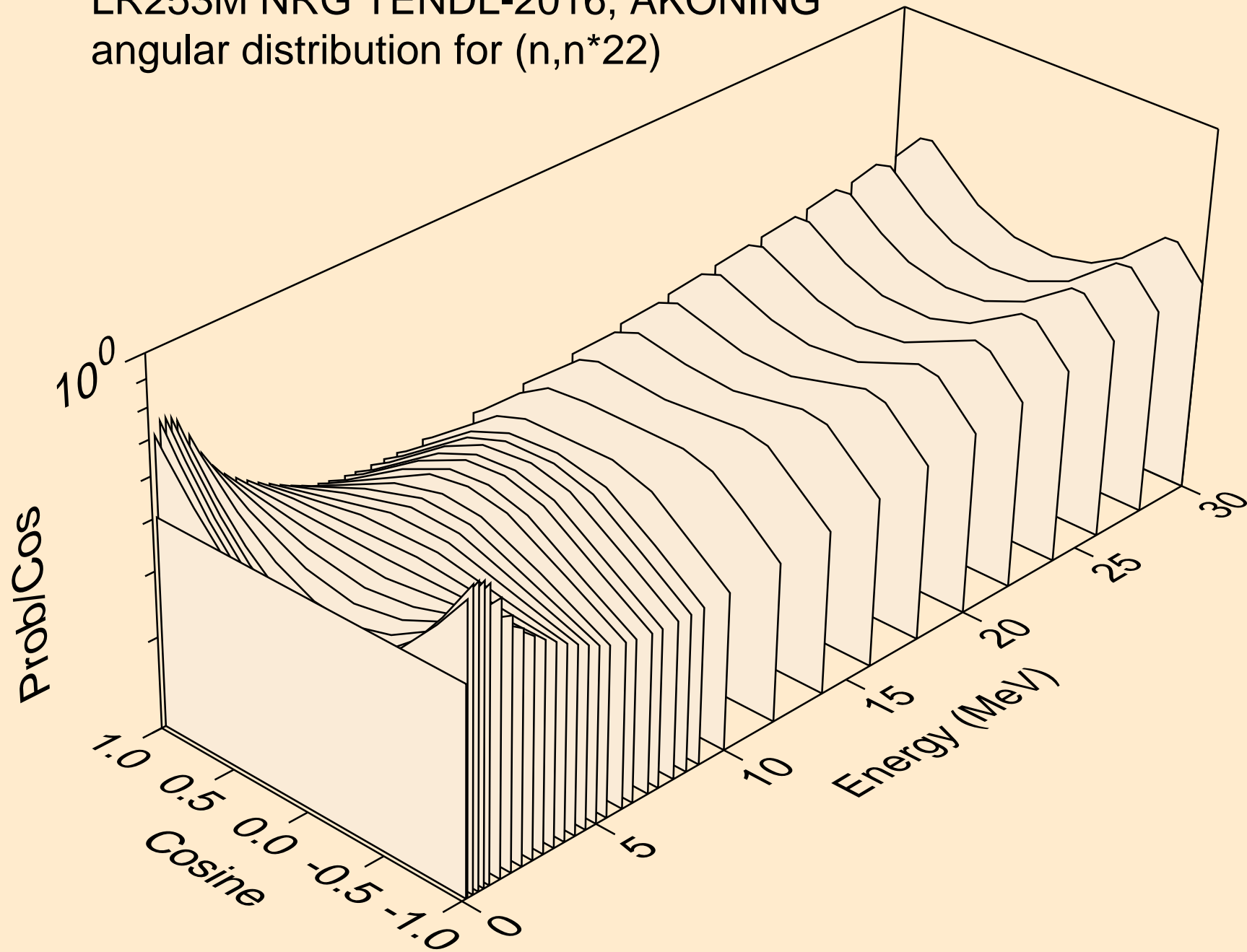




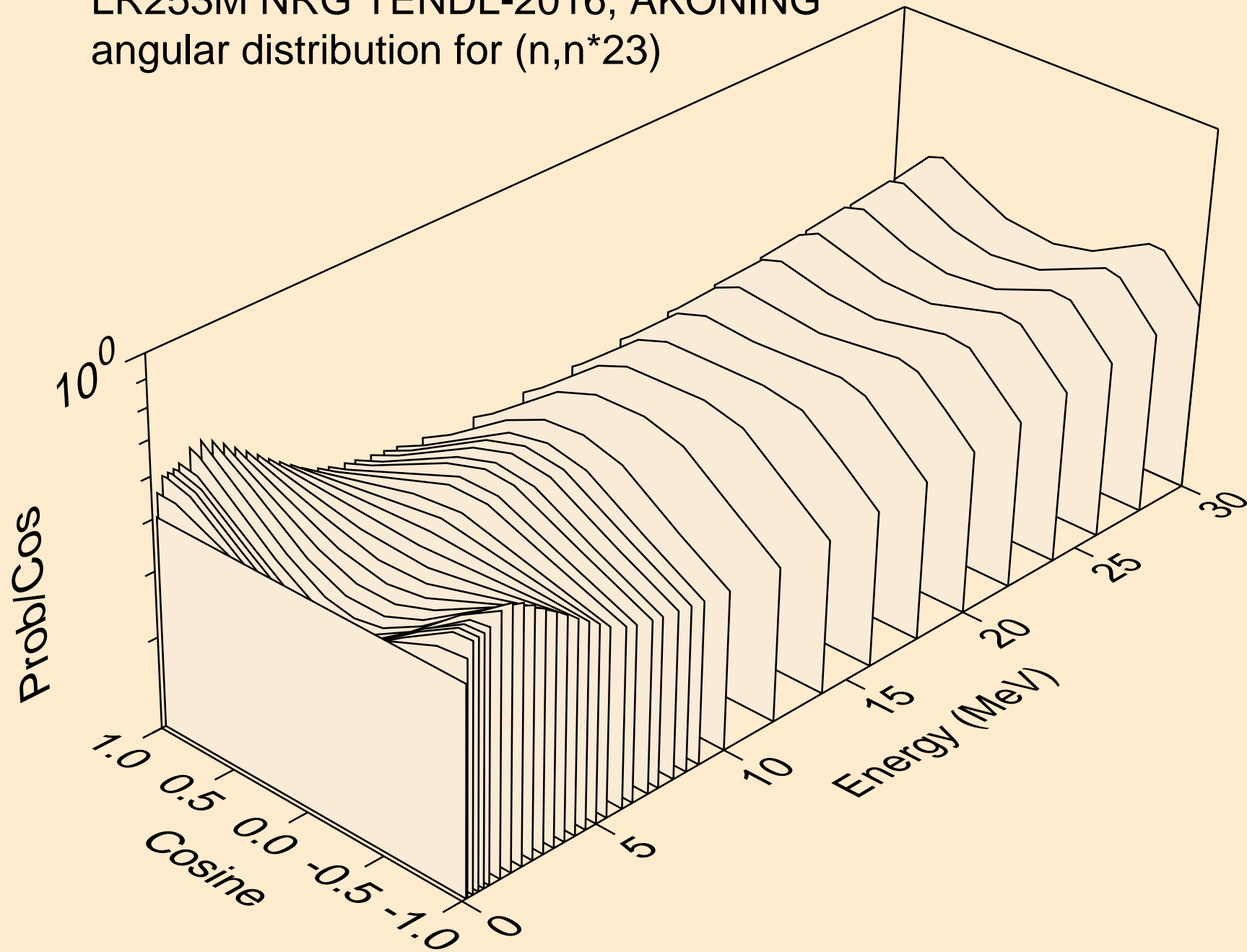
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*21)



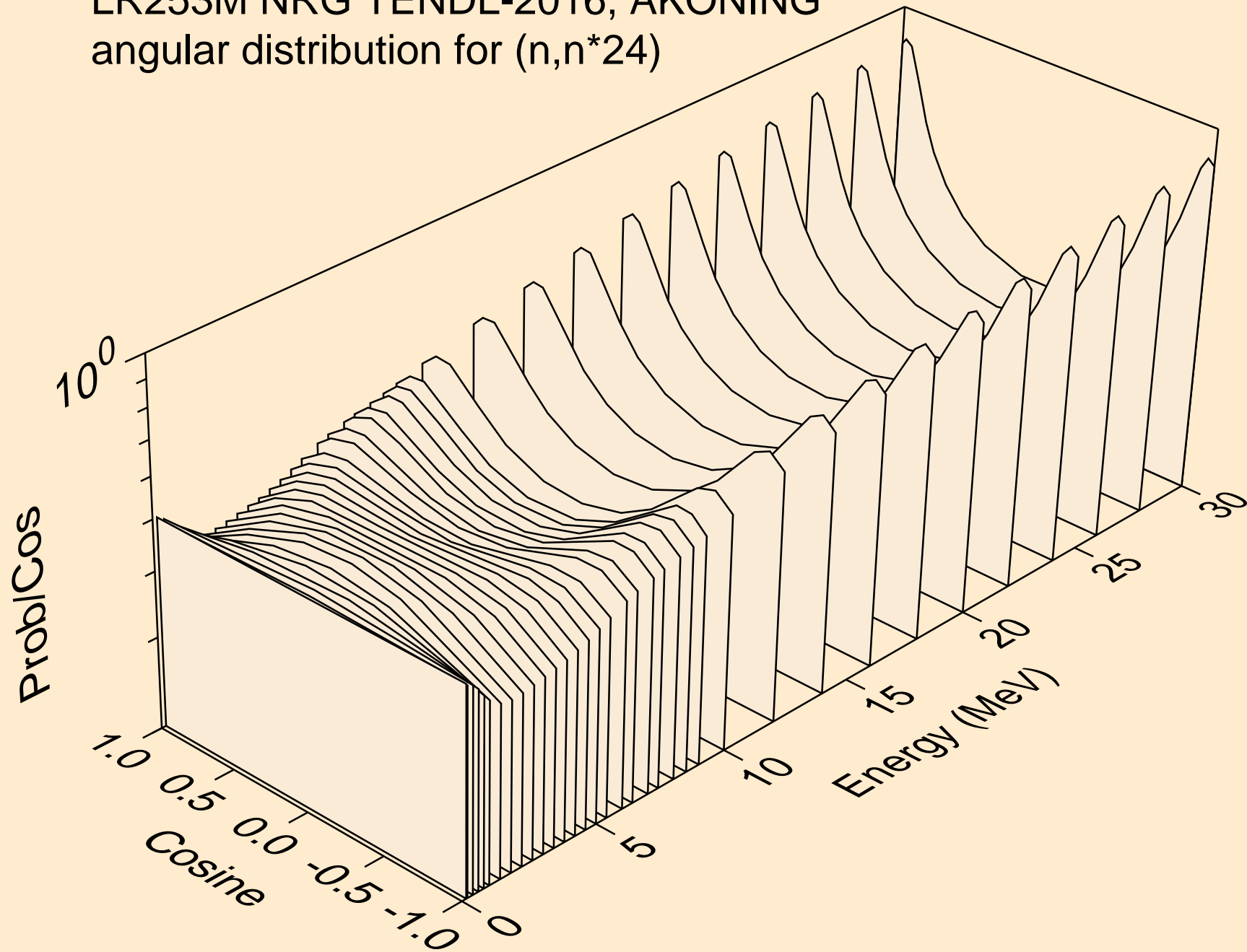
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angular distribution for (n,n\*22)



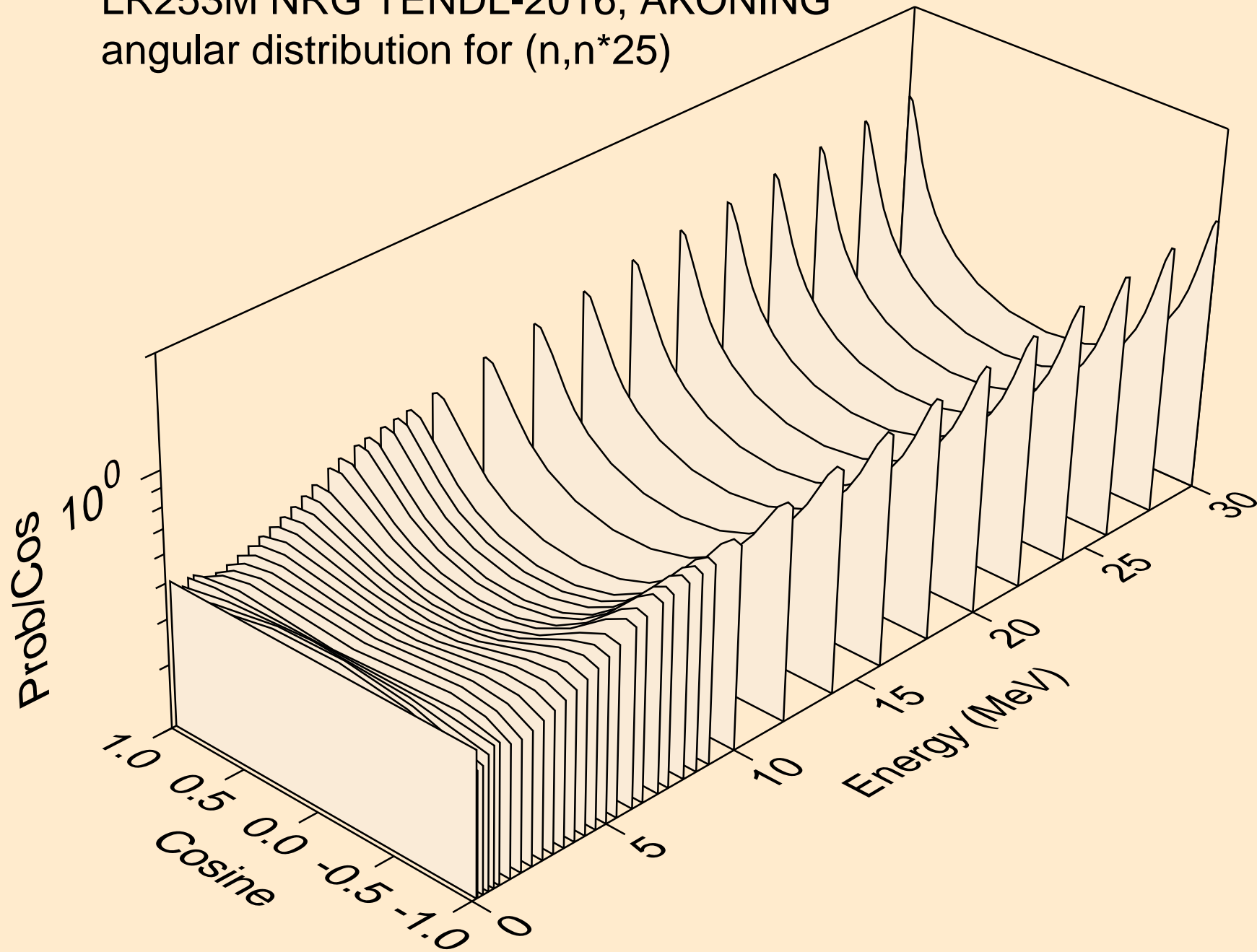
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angular distribution for (n,n\*23)



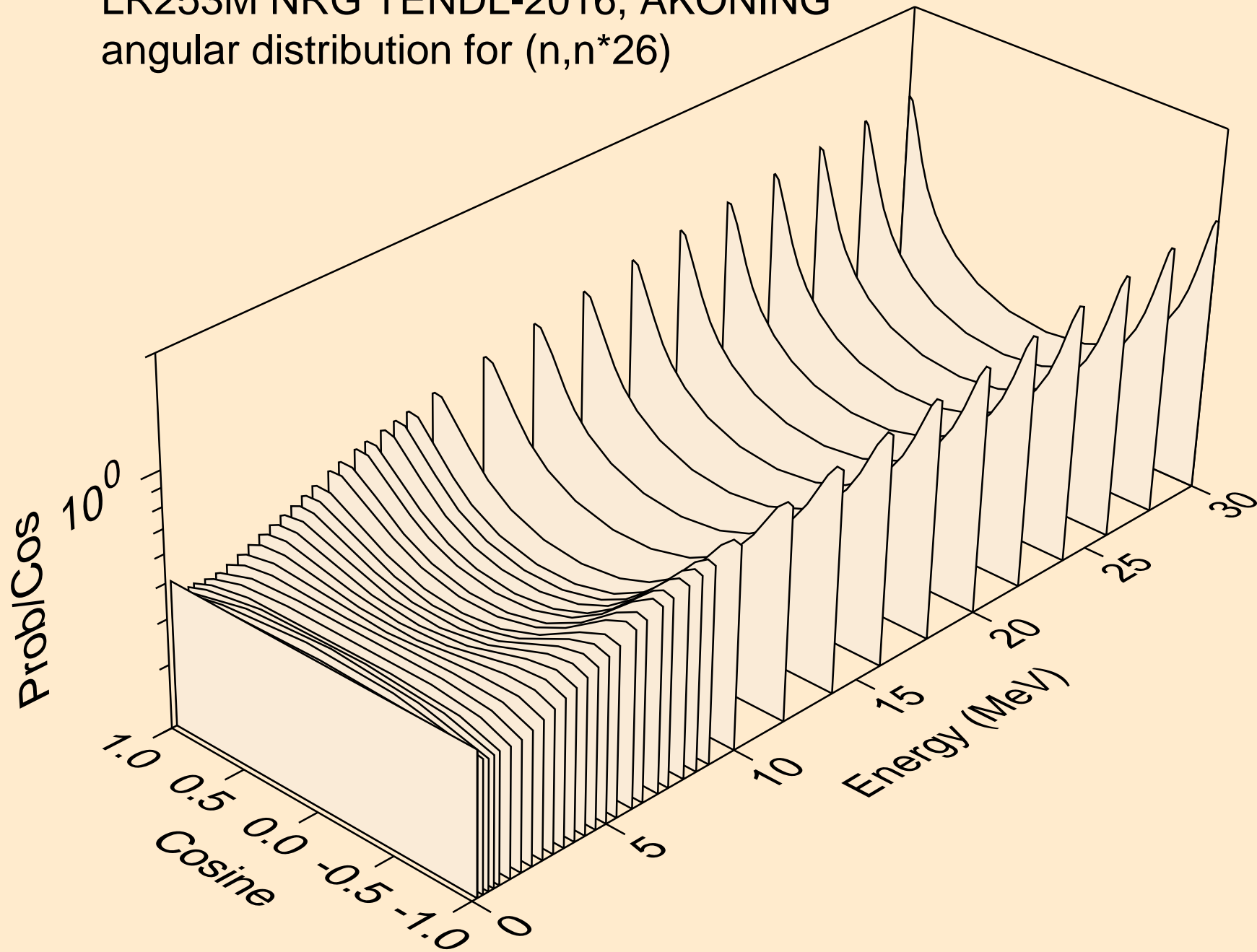
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angular distribution for (n,n\*24)



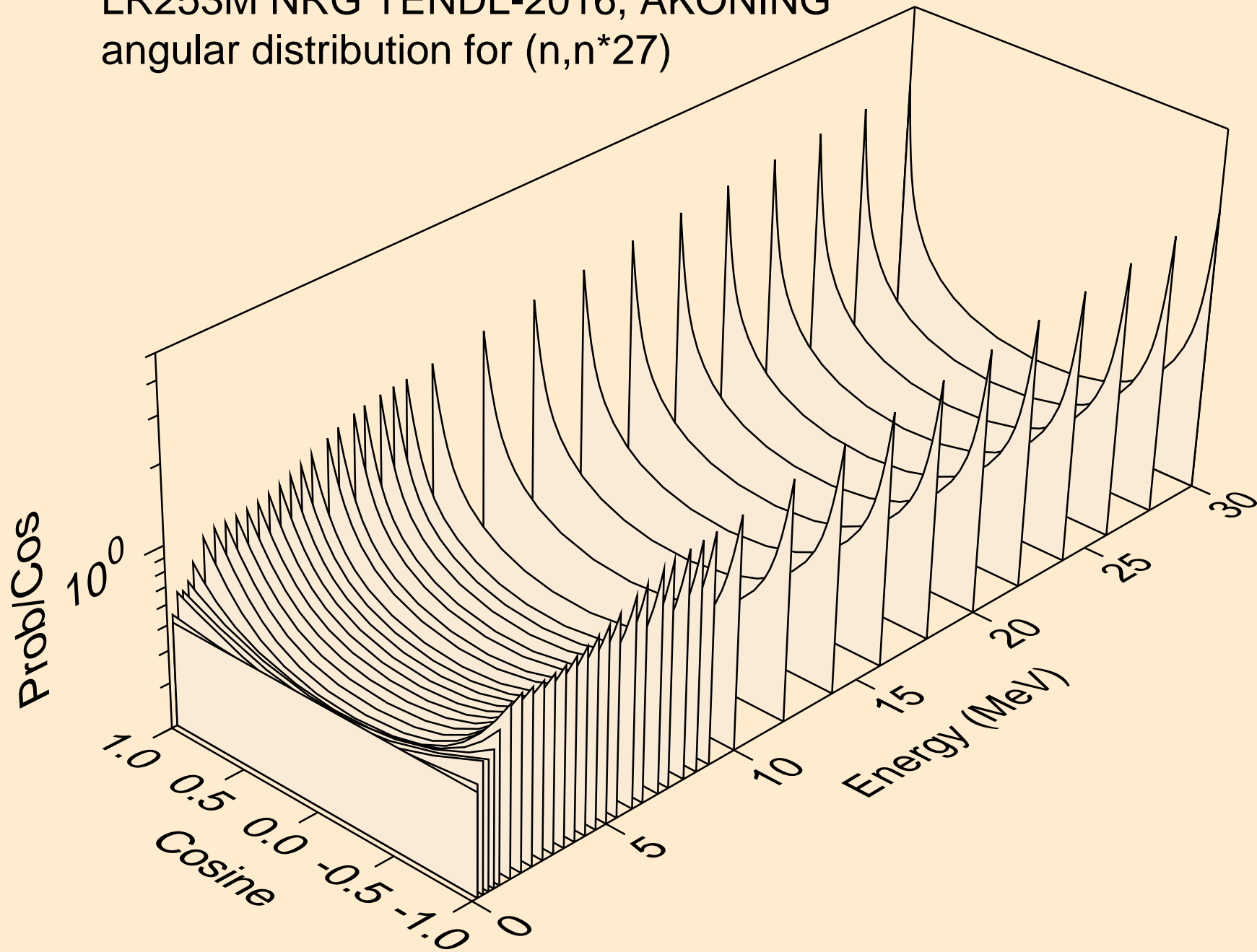
LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*25)



LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*26)

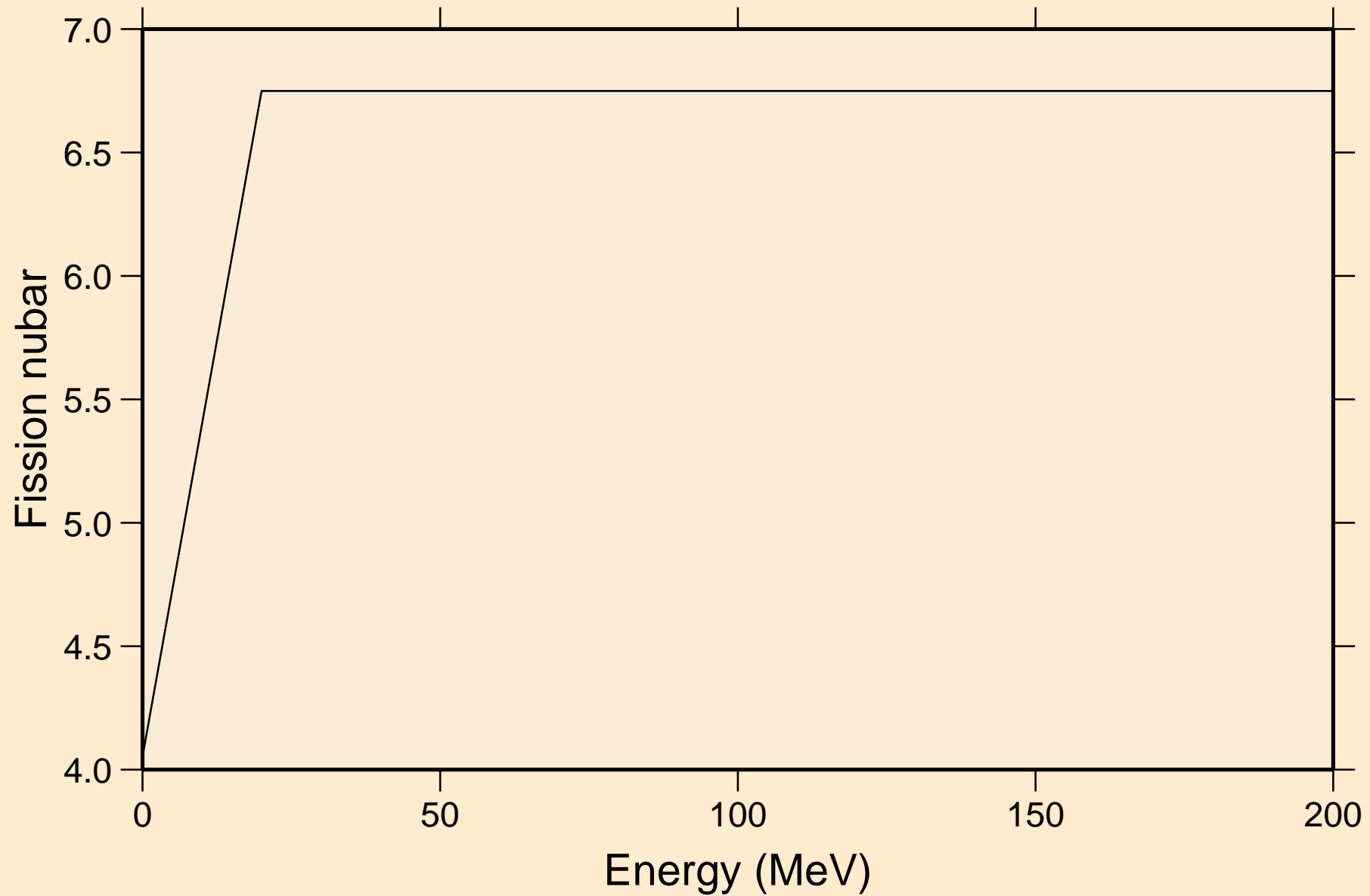


LR253M NRG TENDL-2016, AKONING  
angular distribution for (n,n\*27)



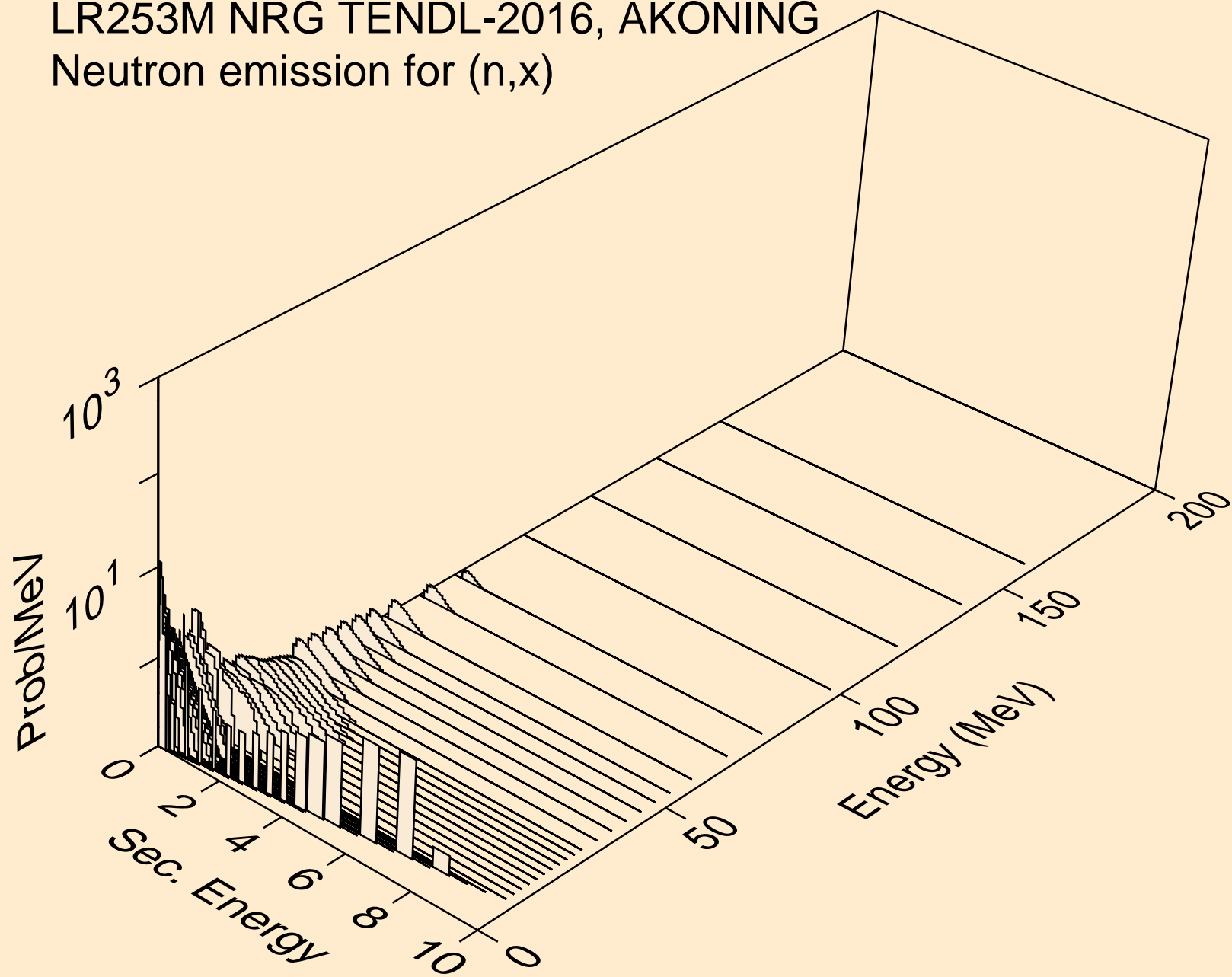
# LR253M NRG TENDL-2016, AKONING

Total fission nubar

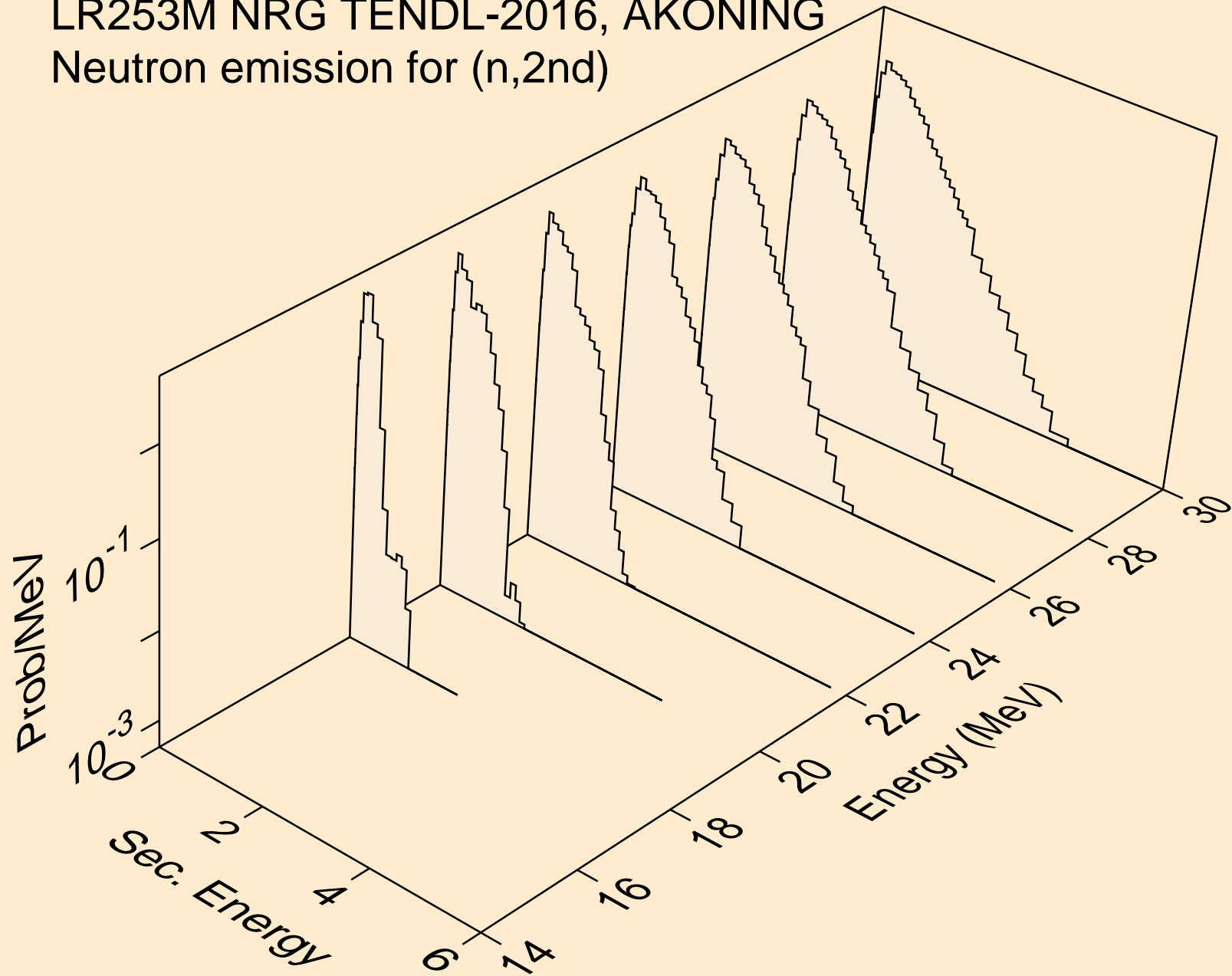




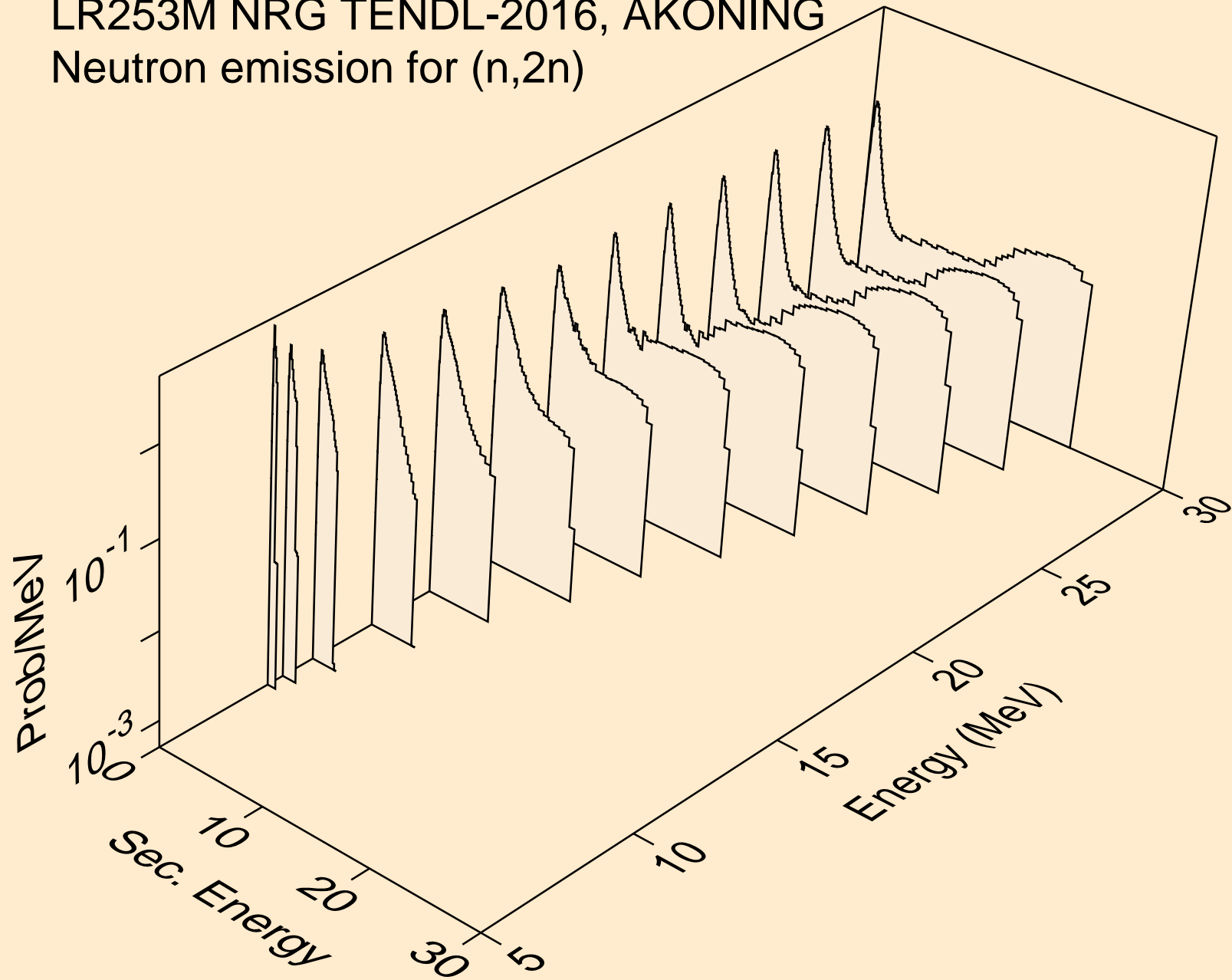
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,x)



LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,2nd)



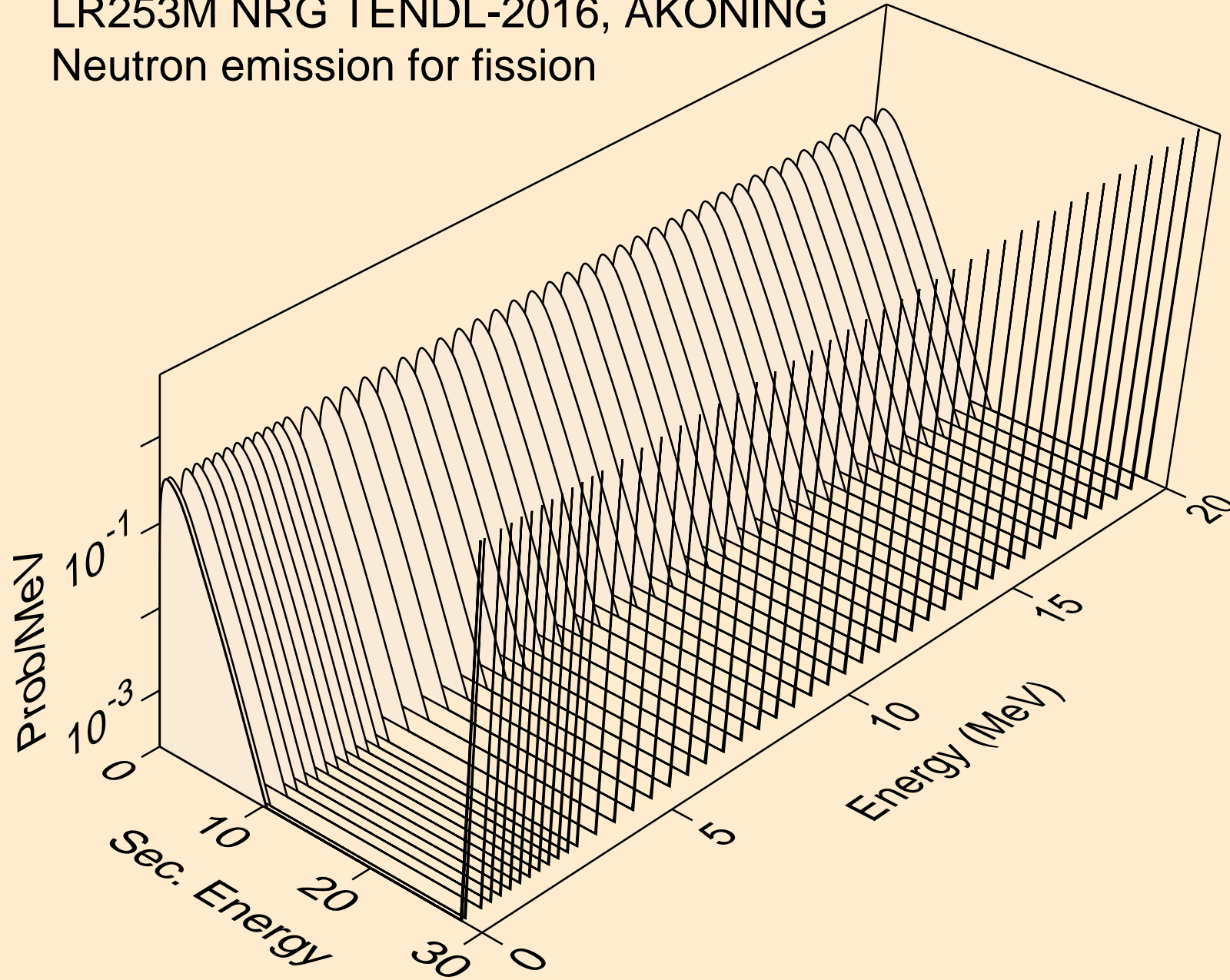
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)



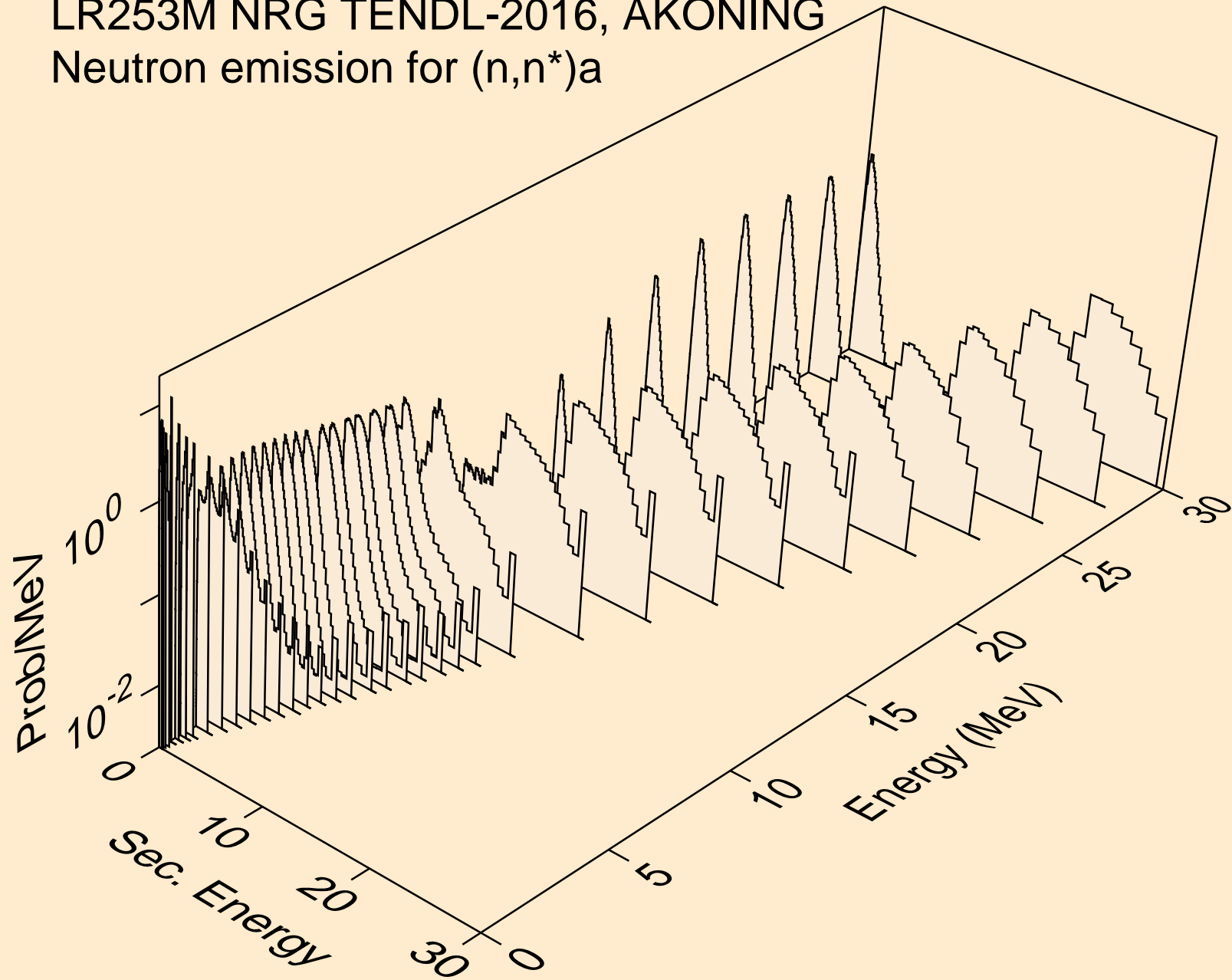
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)



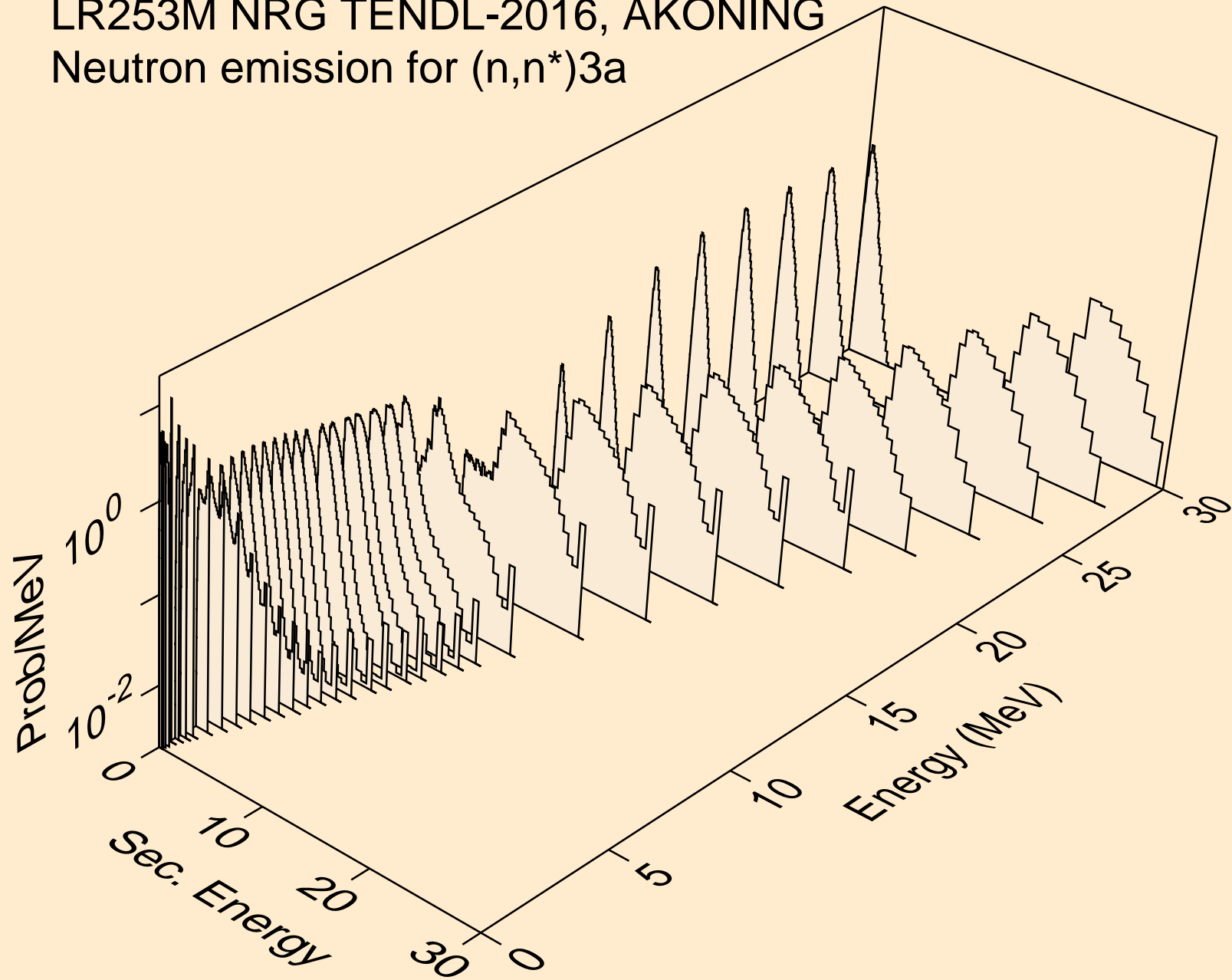
LR253M NRG TENDL-2016, AKONING  
Neutron emission for fission



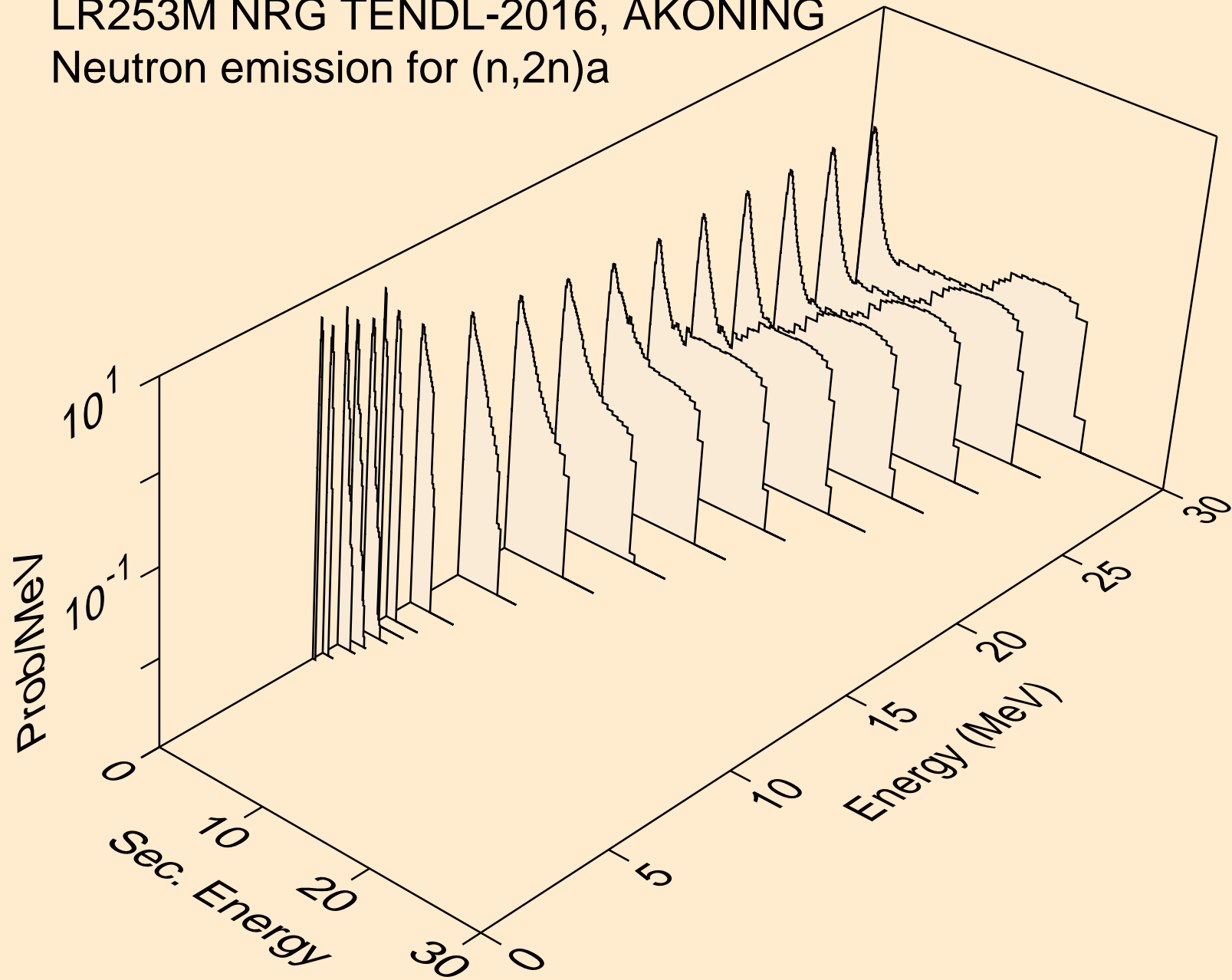
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)a



LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)3a

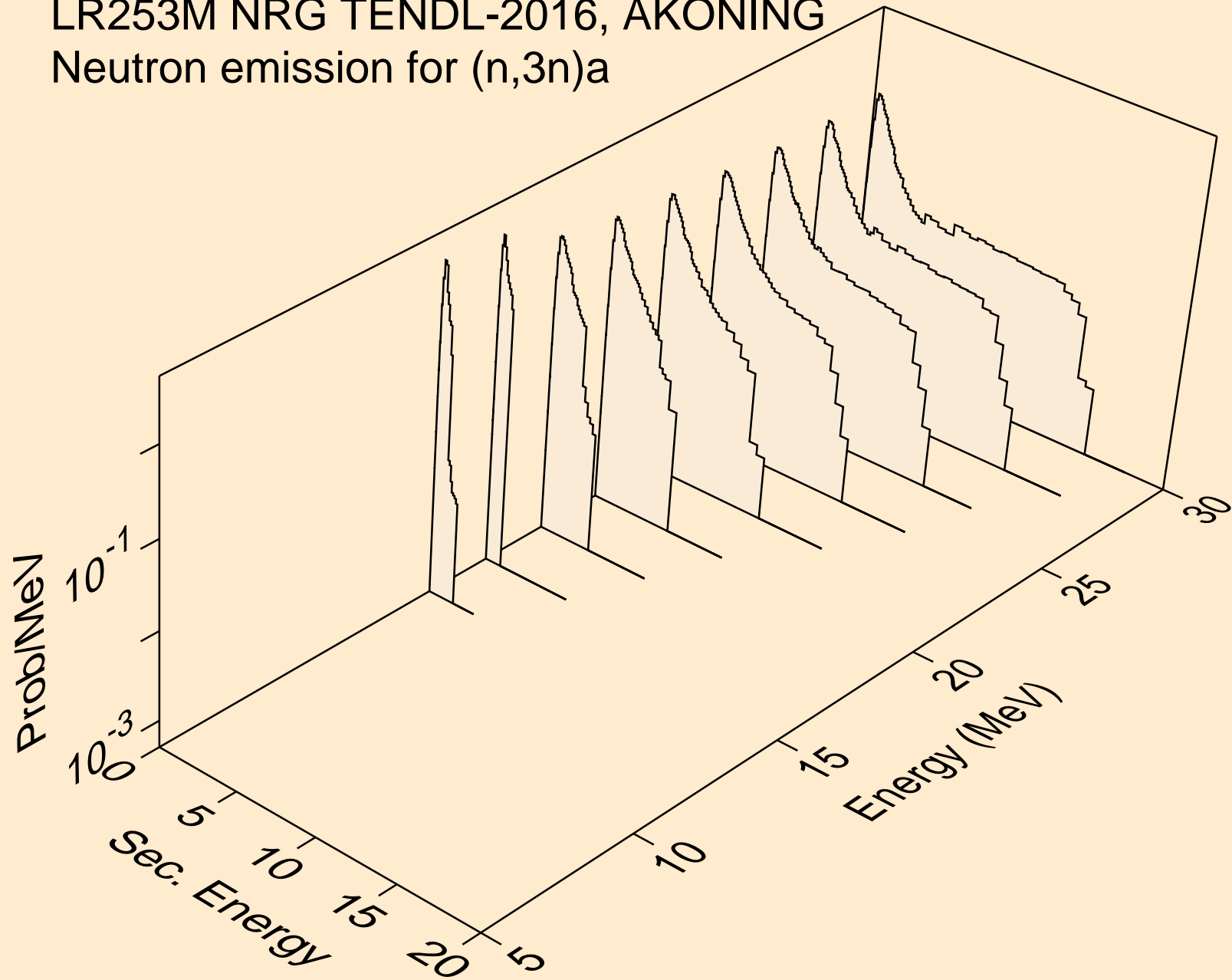


LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)a

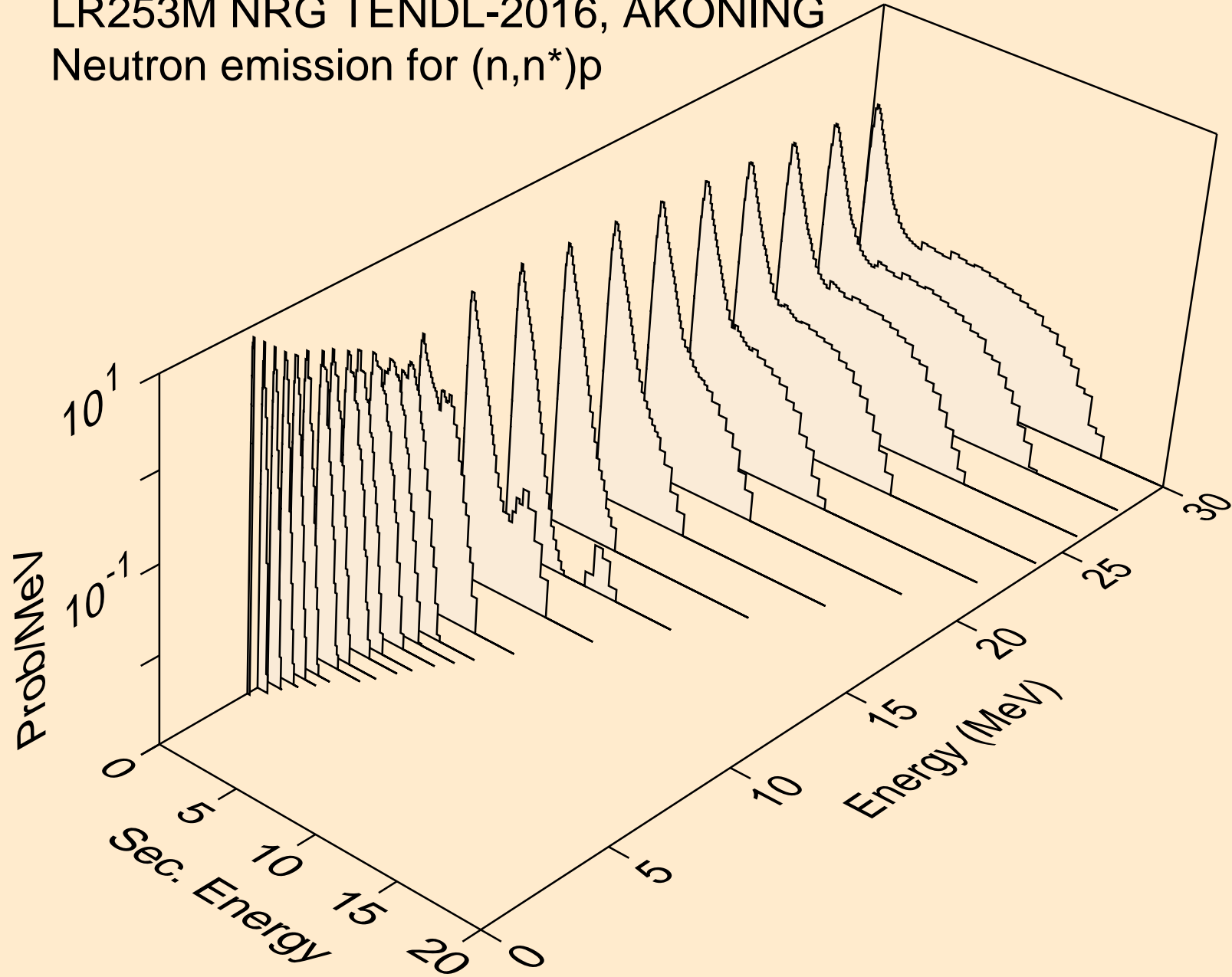




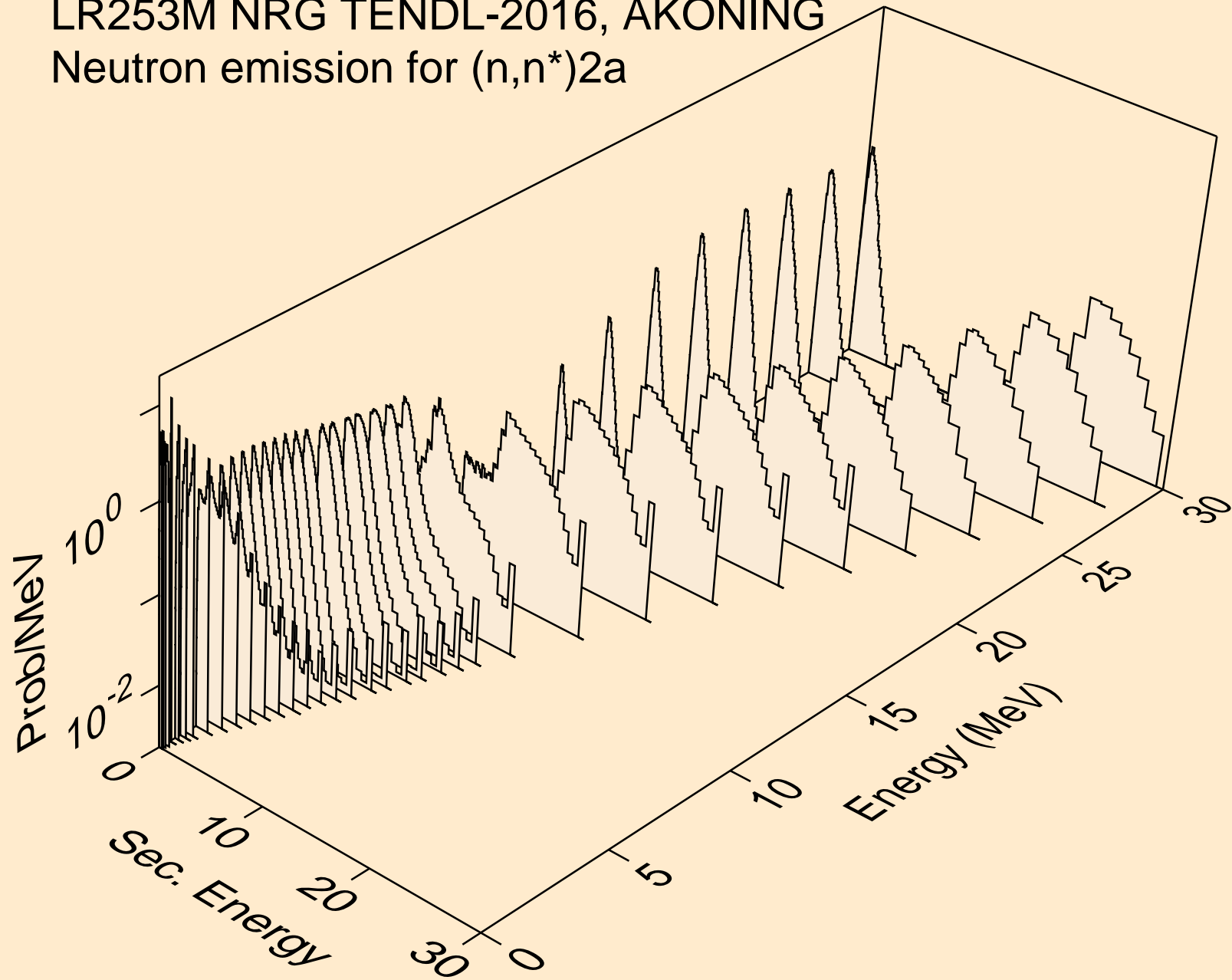
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)<sub>a</sub>



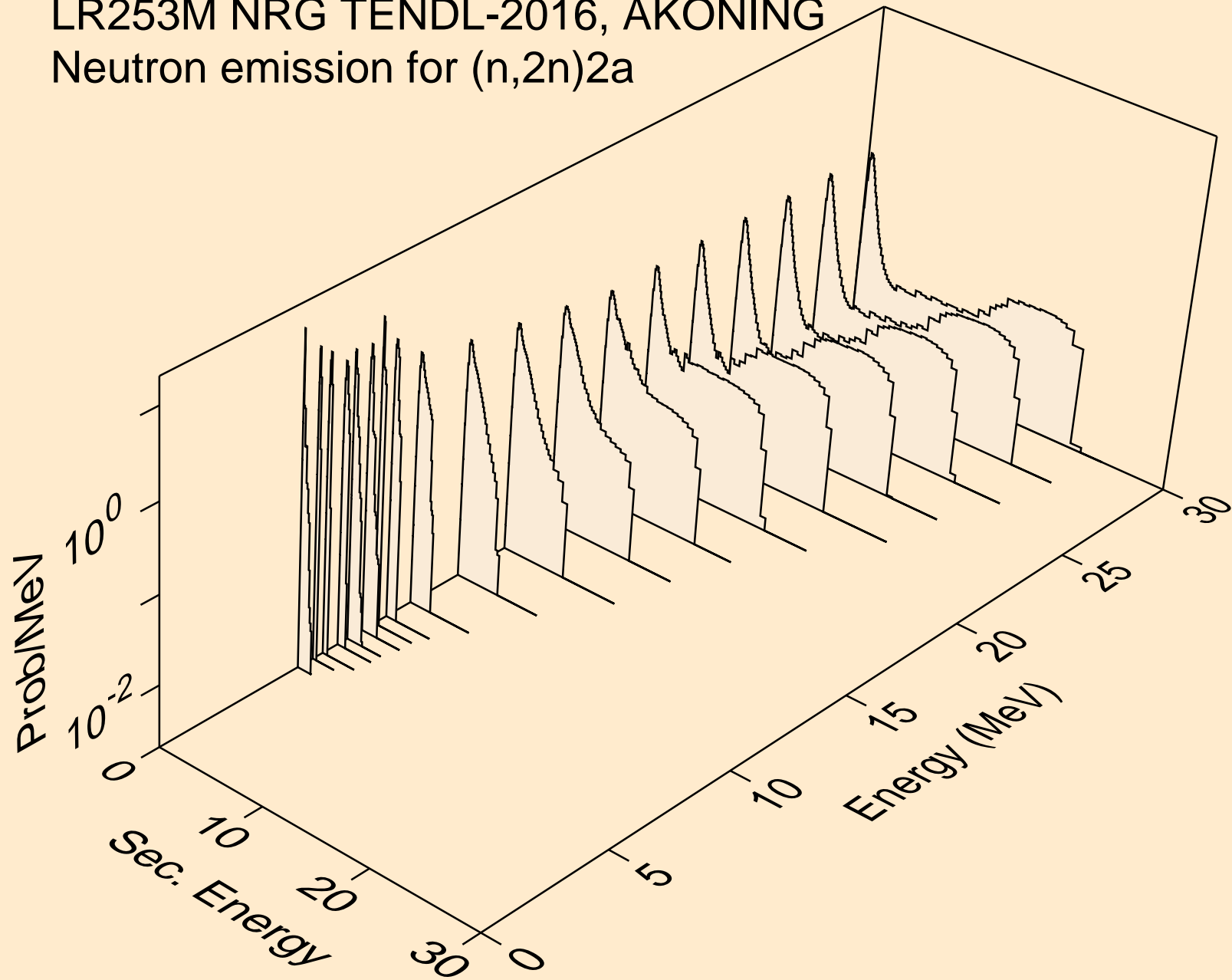
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)p



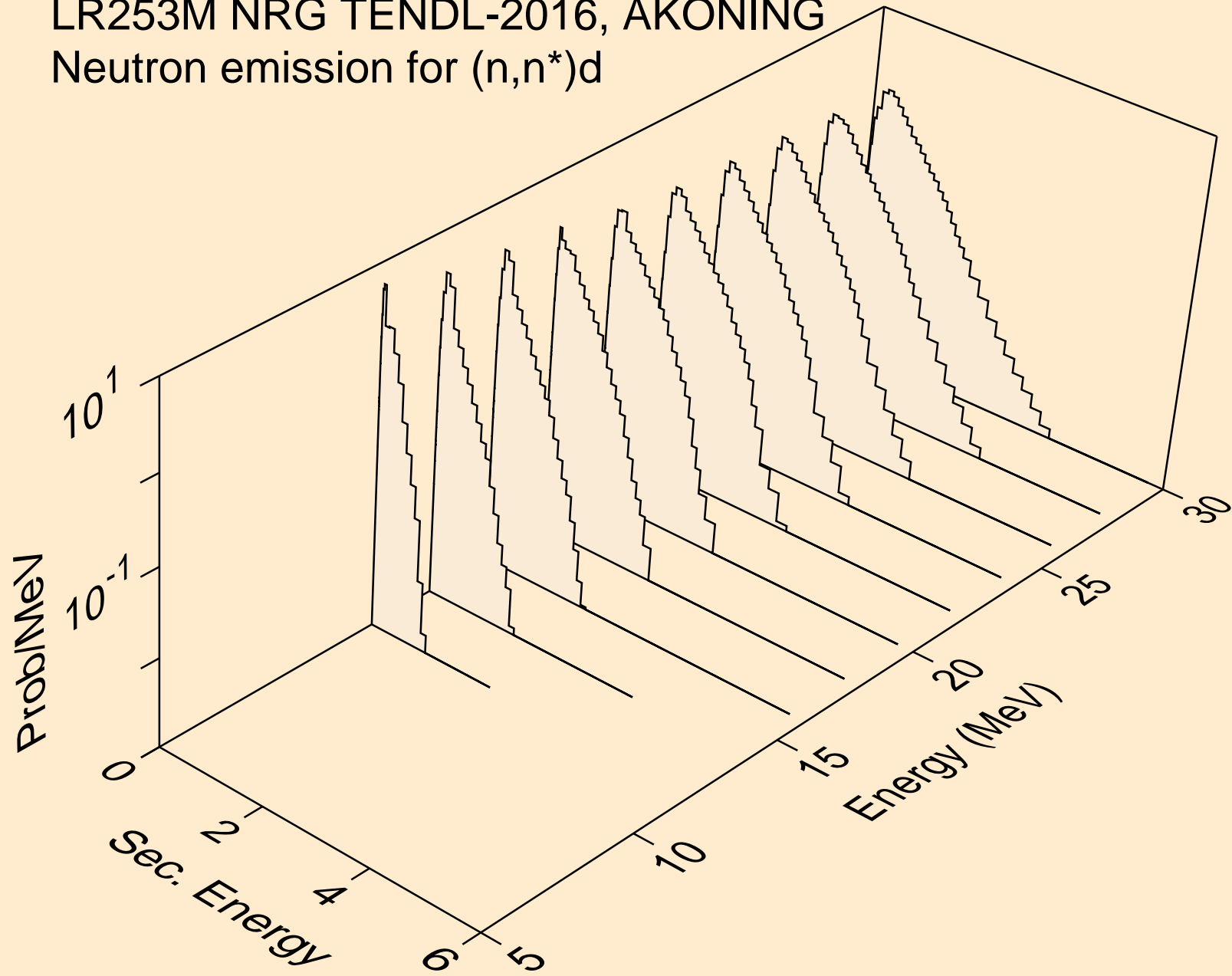
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)2a



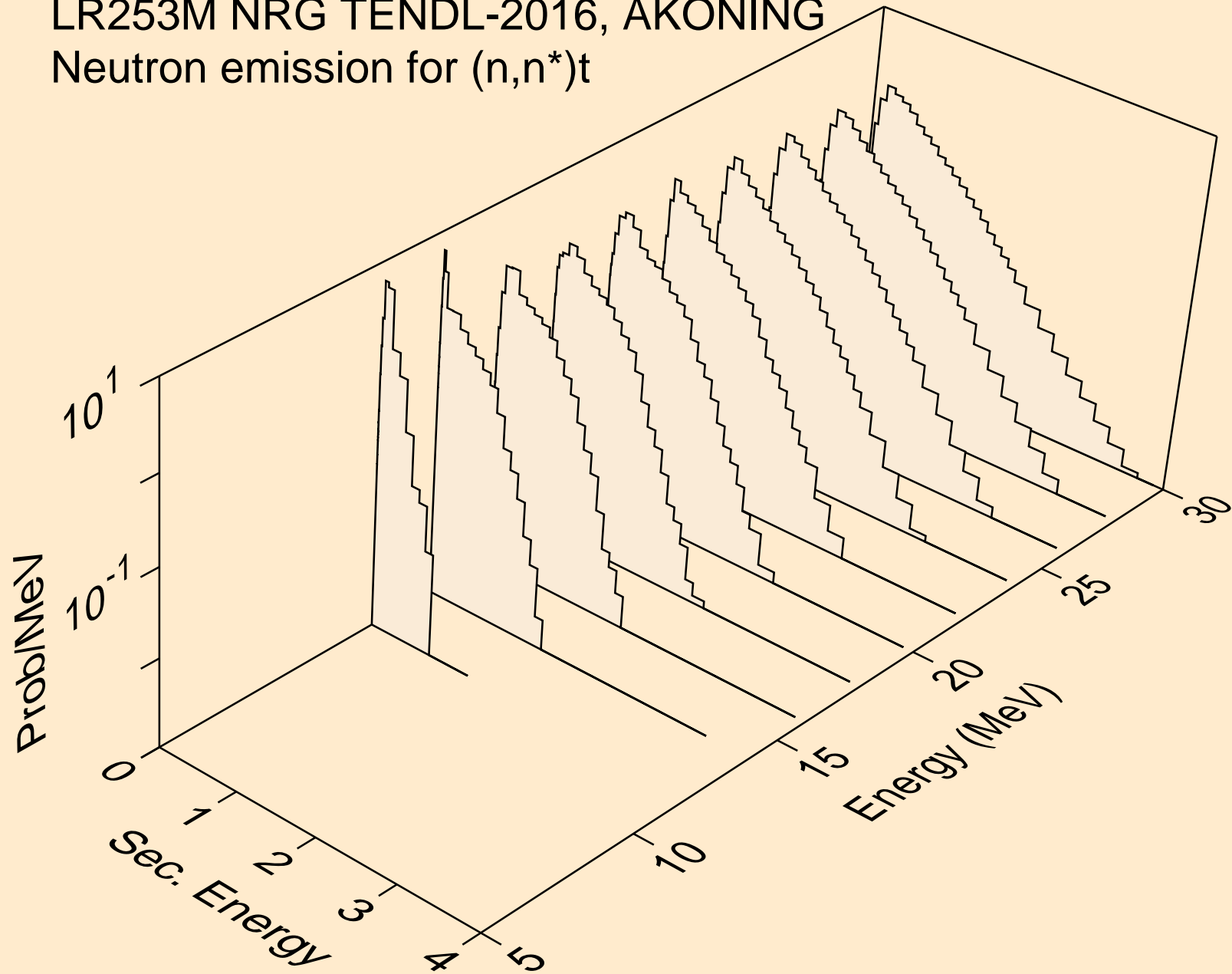
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)2a



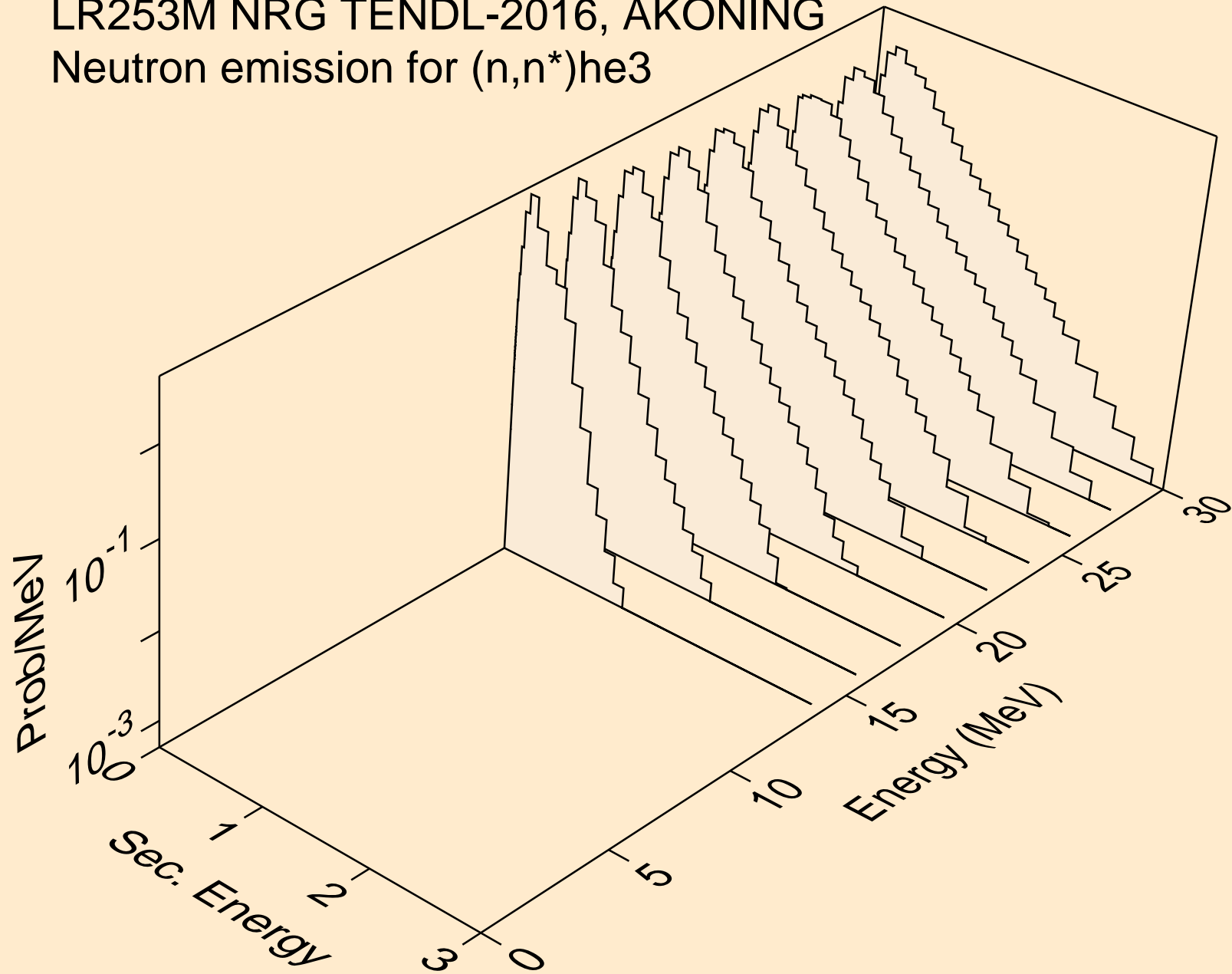
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)d



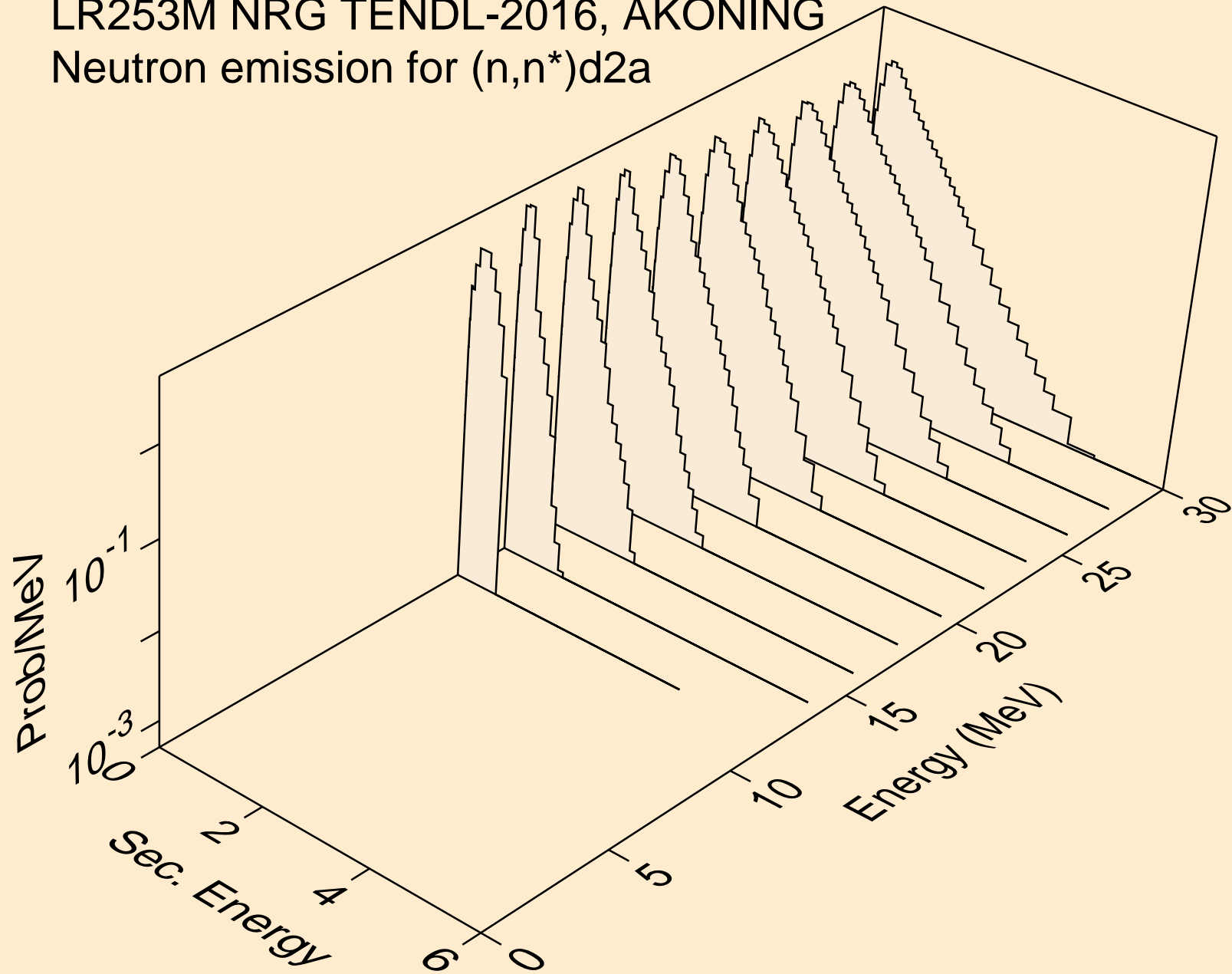
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)t



LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)he3

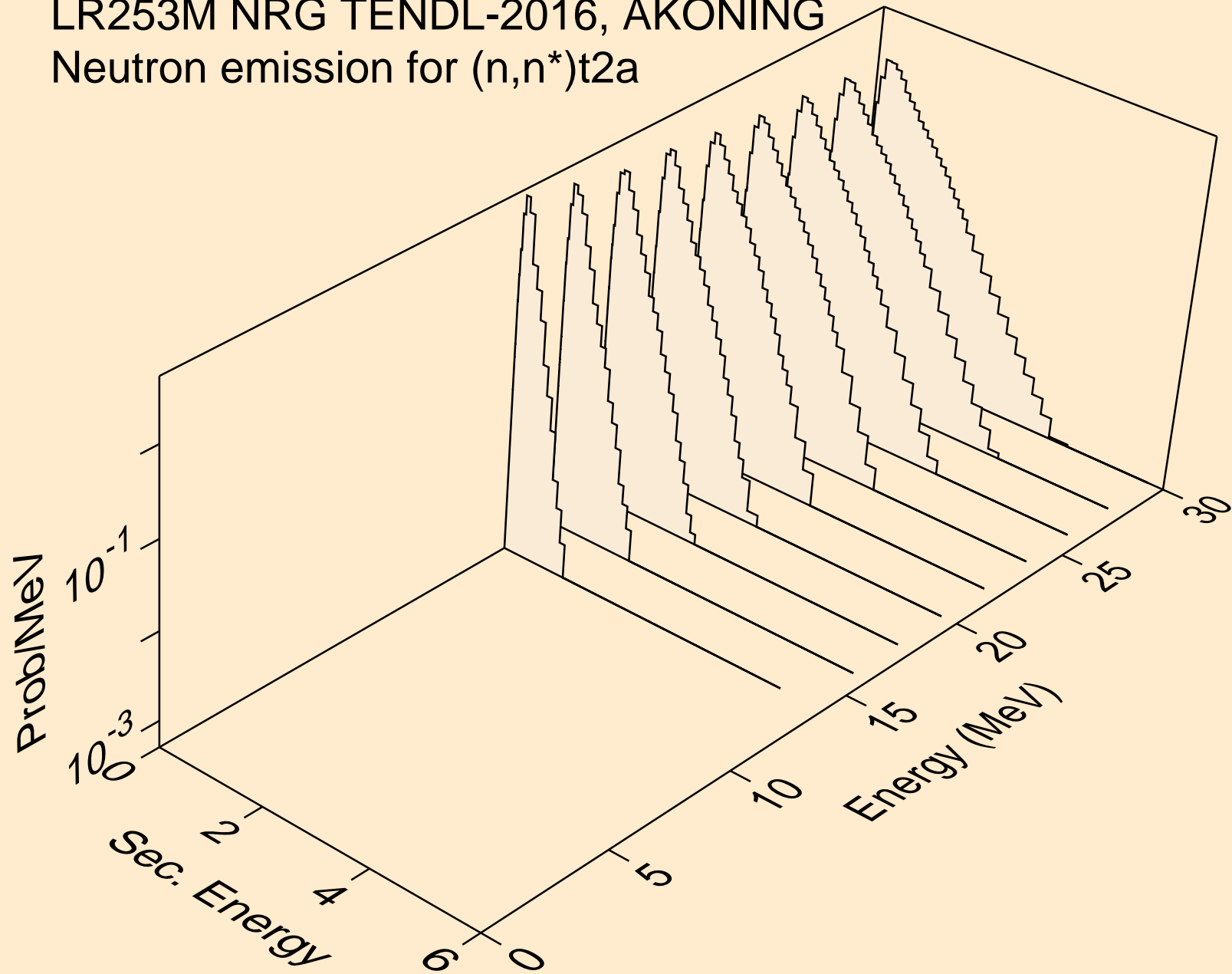


LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)d2a

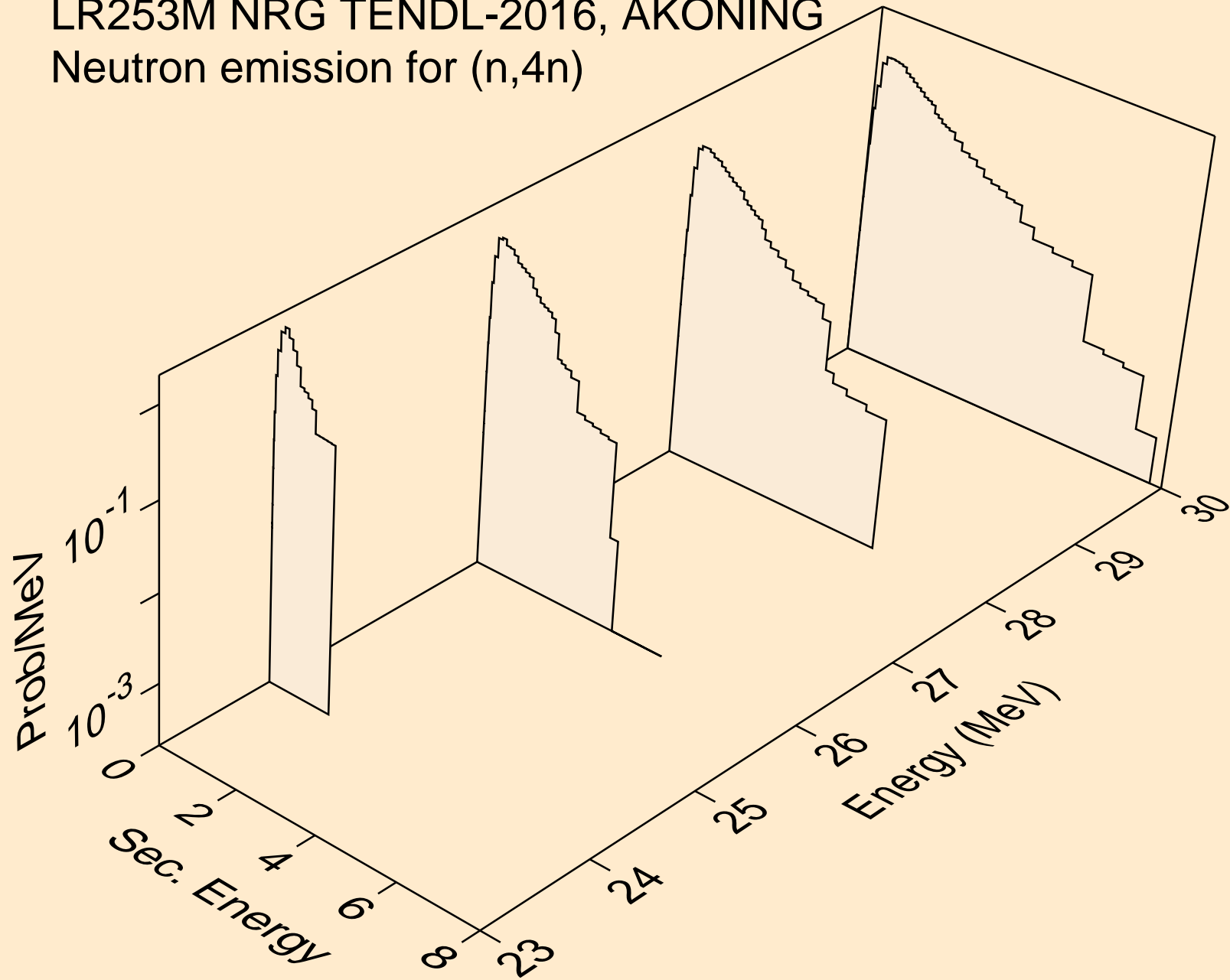




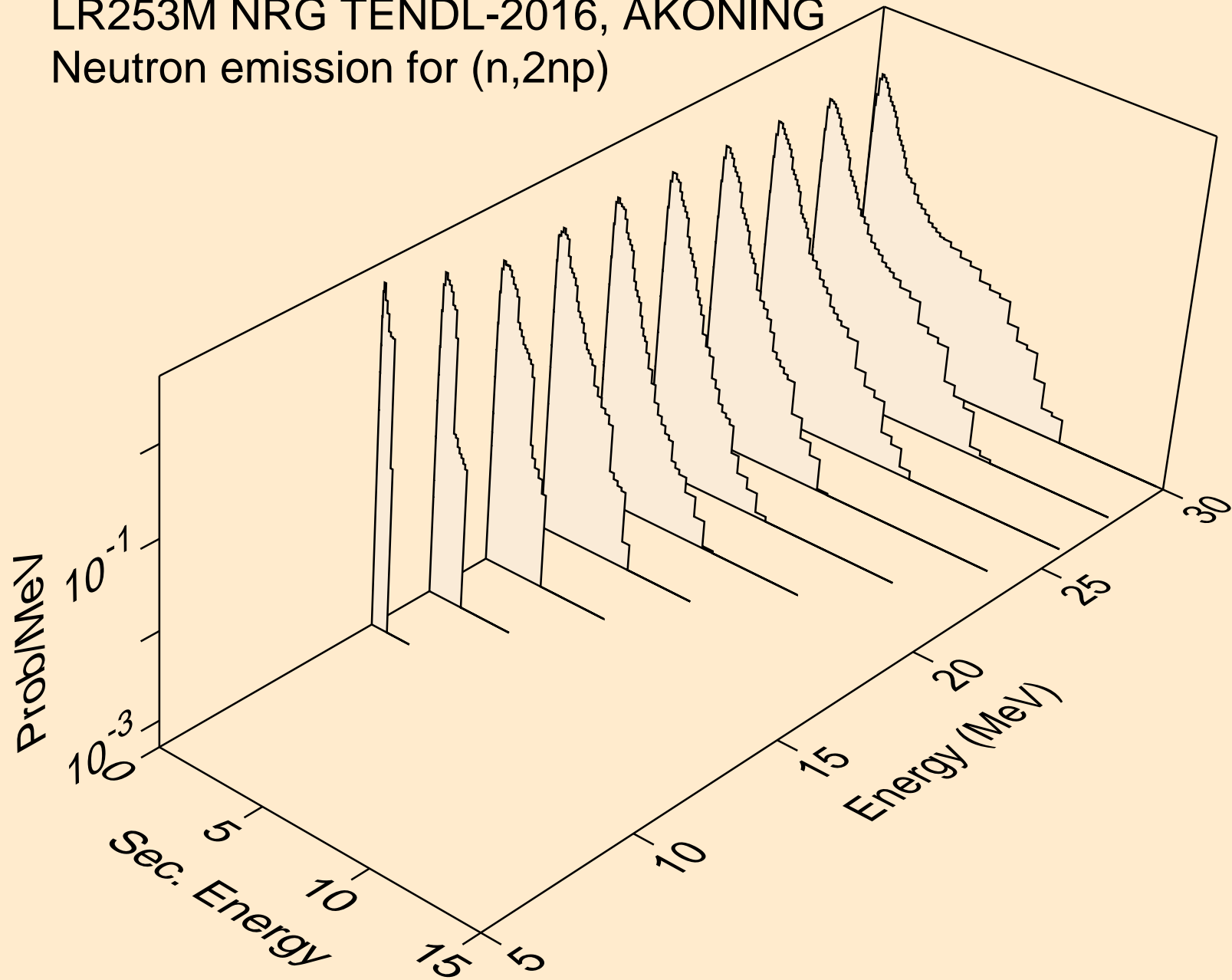
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)t2a



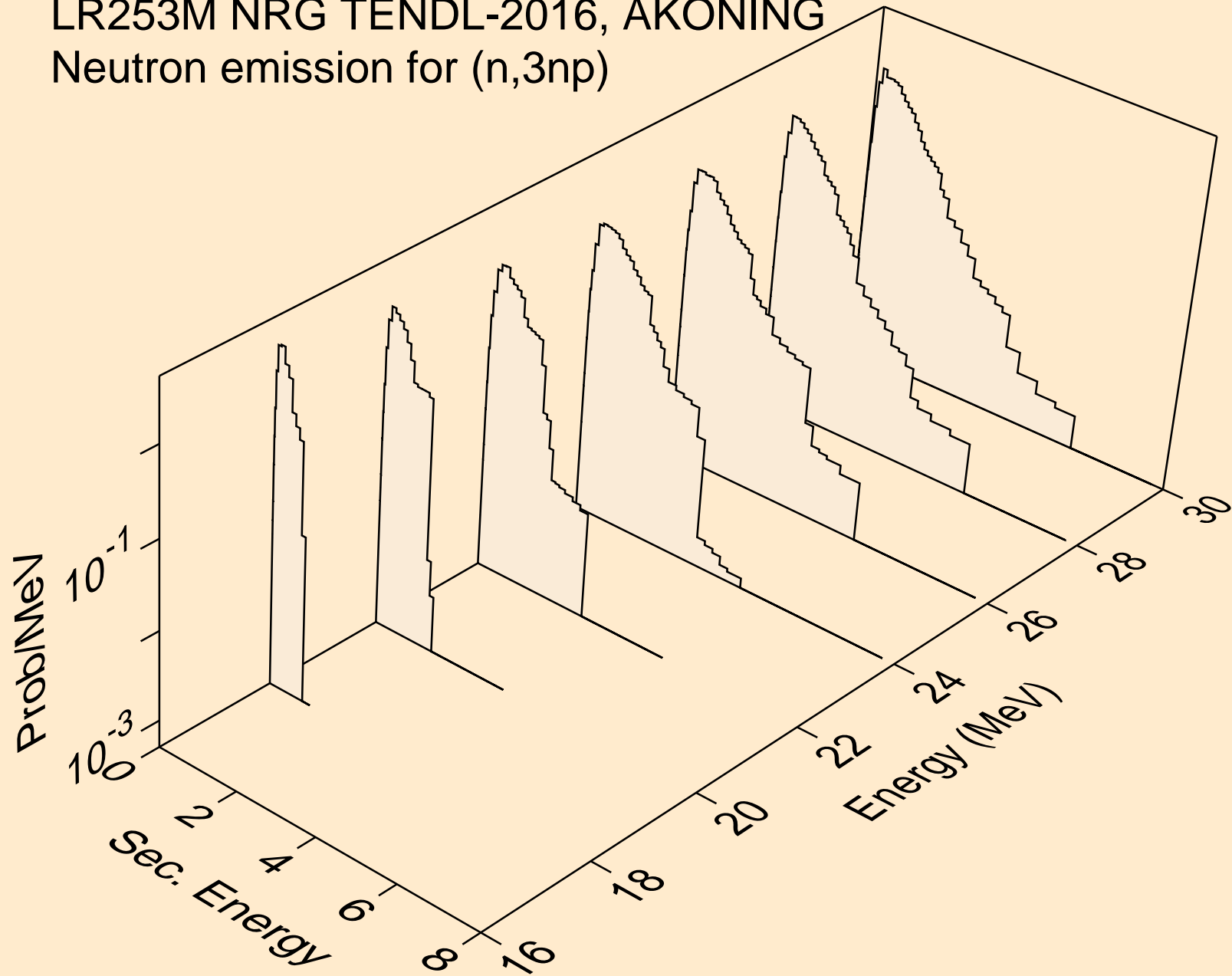
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,4n)



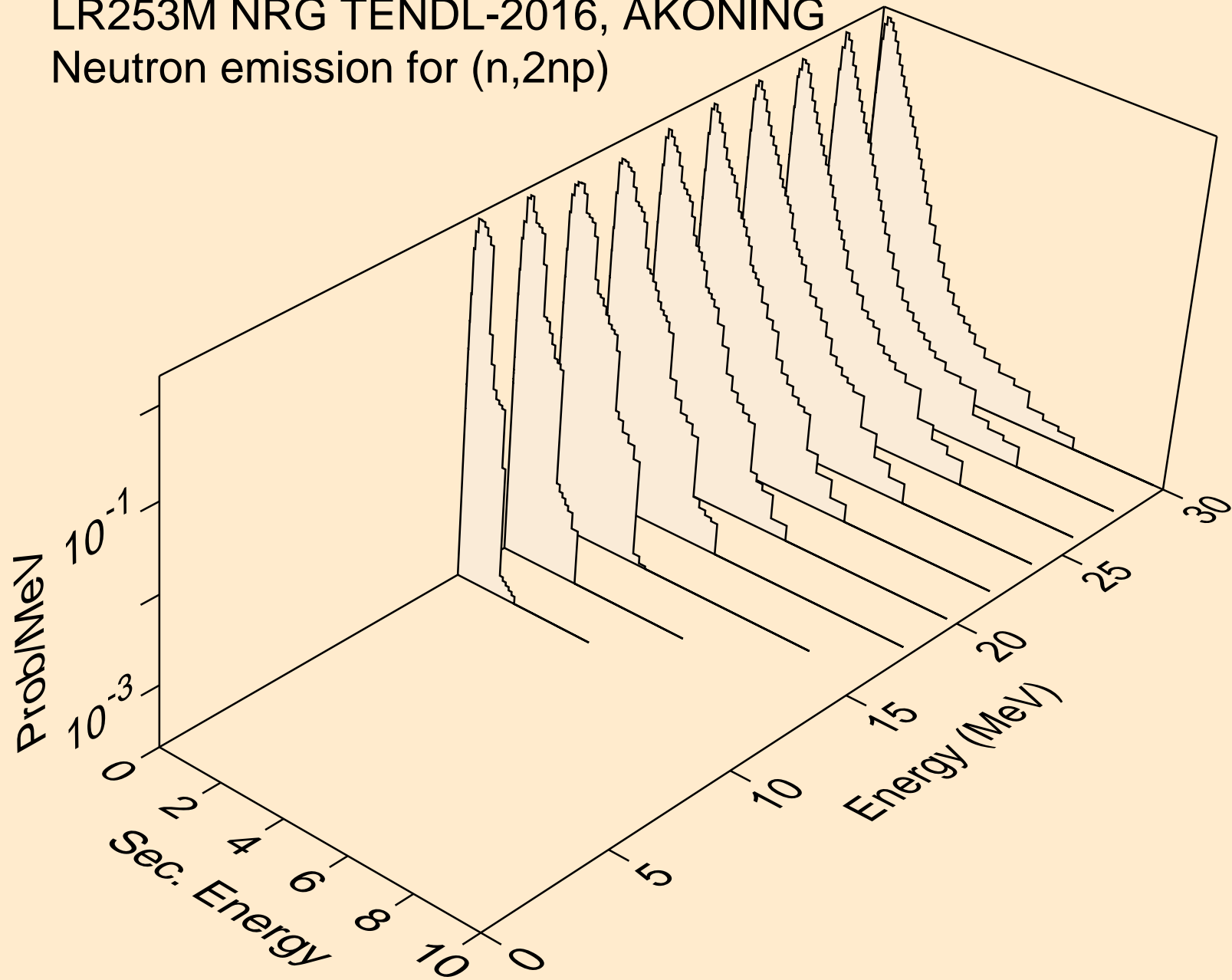
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)



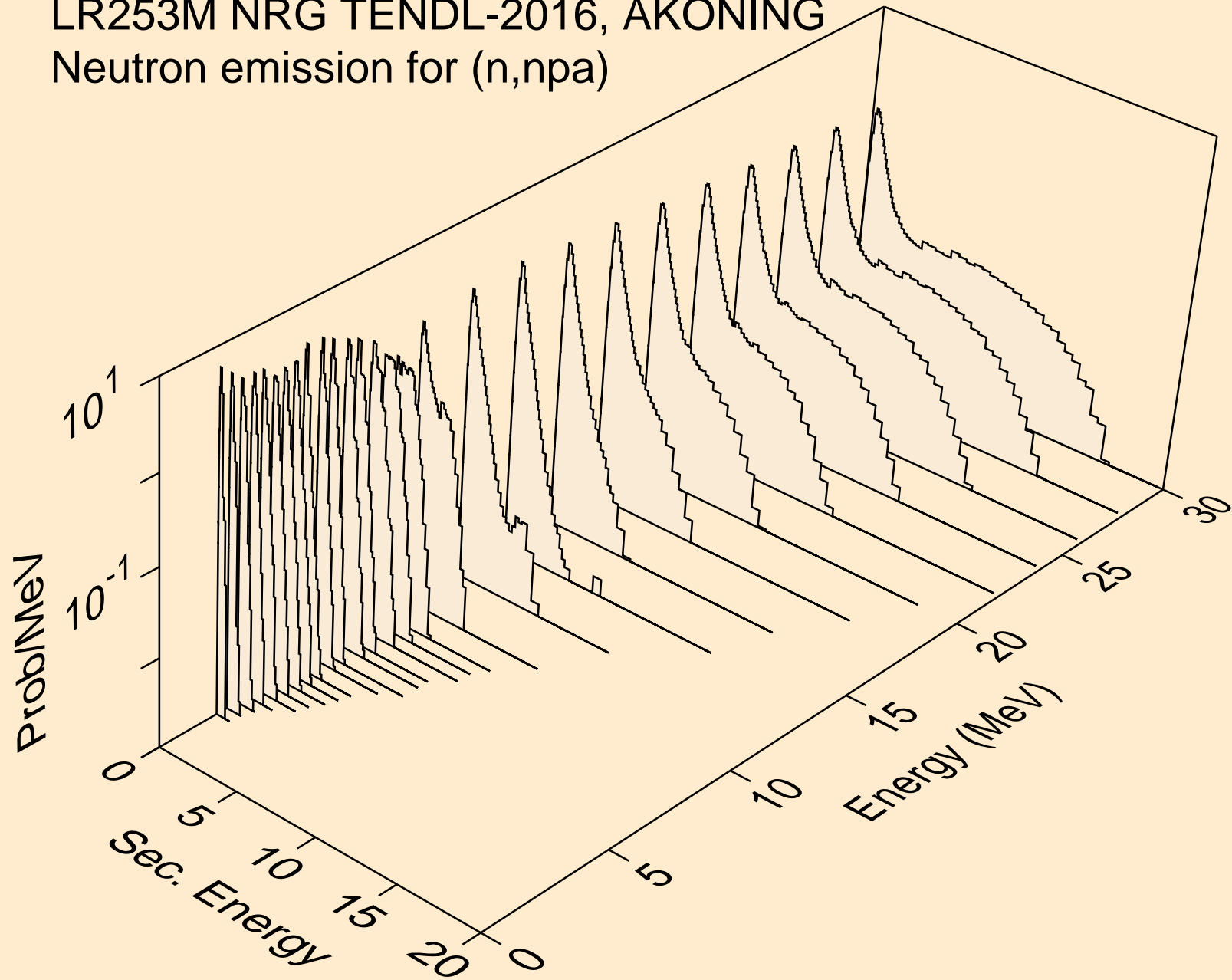
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,3np)



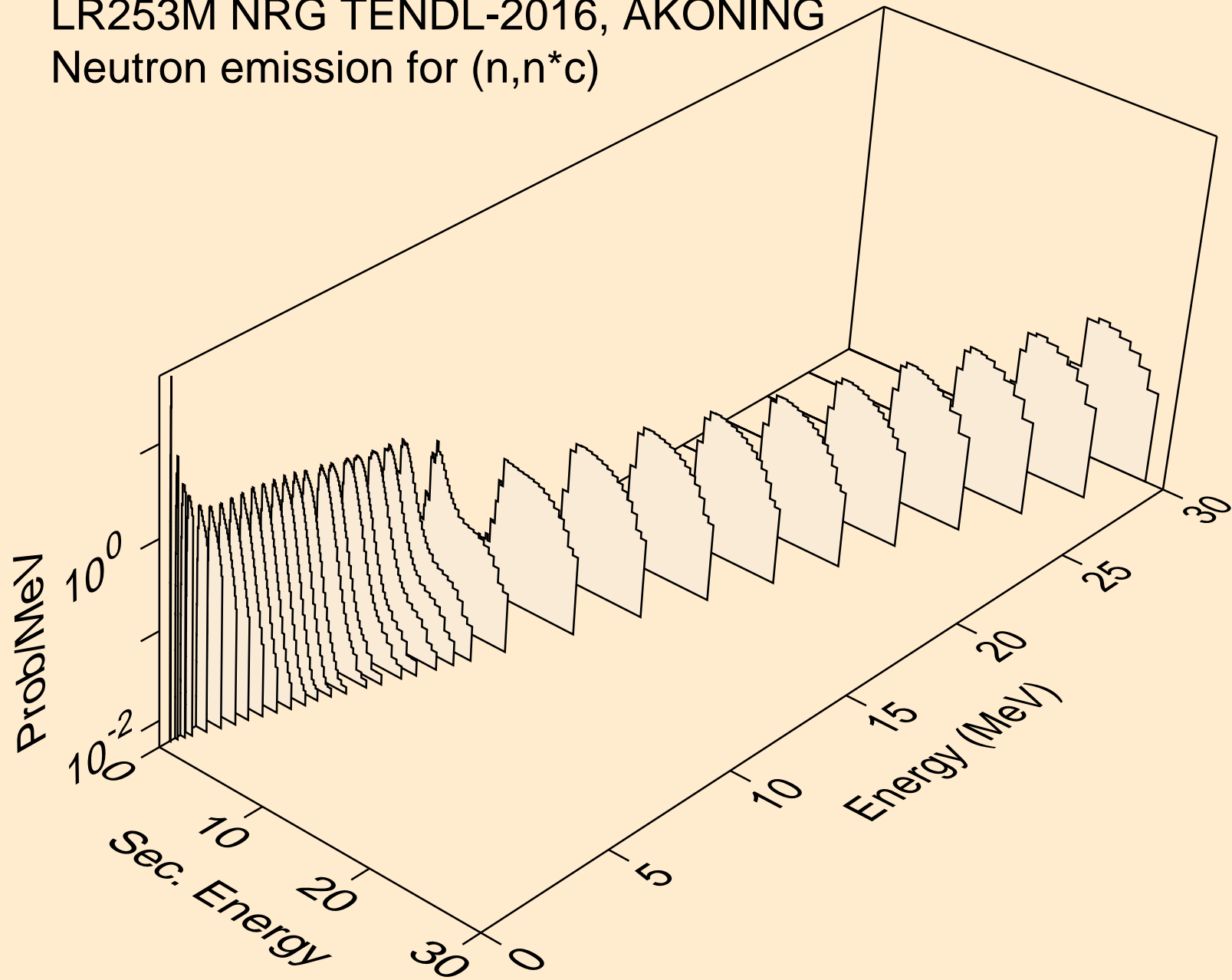
LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)



LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,npa)

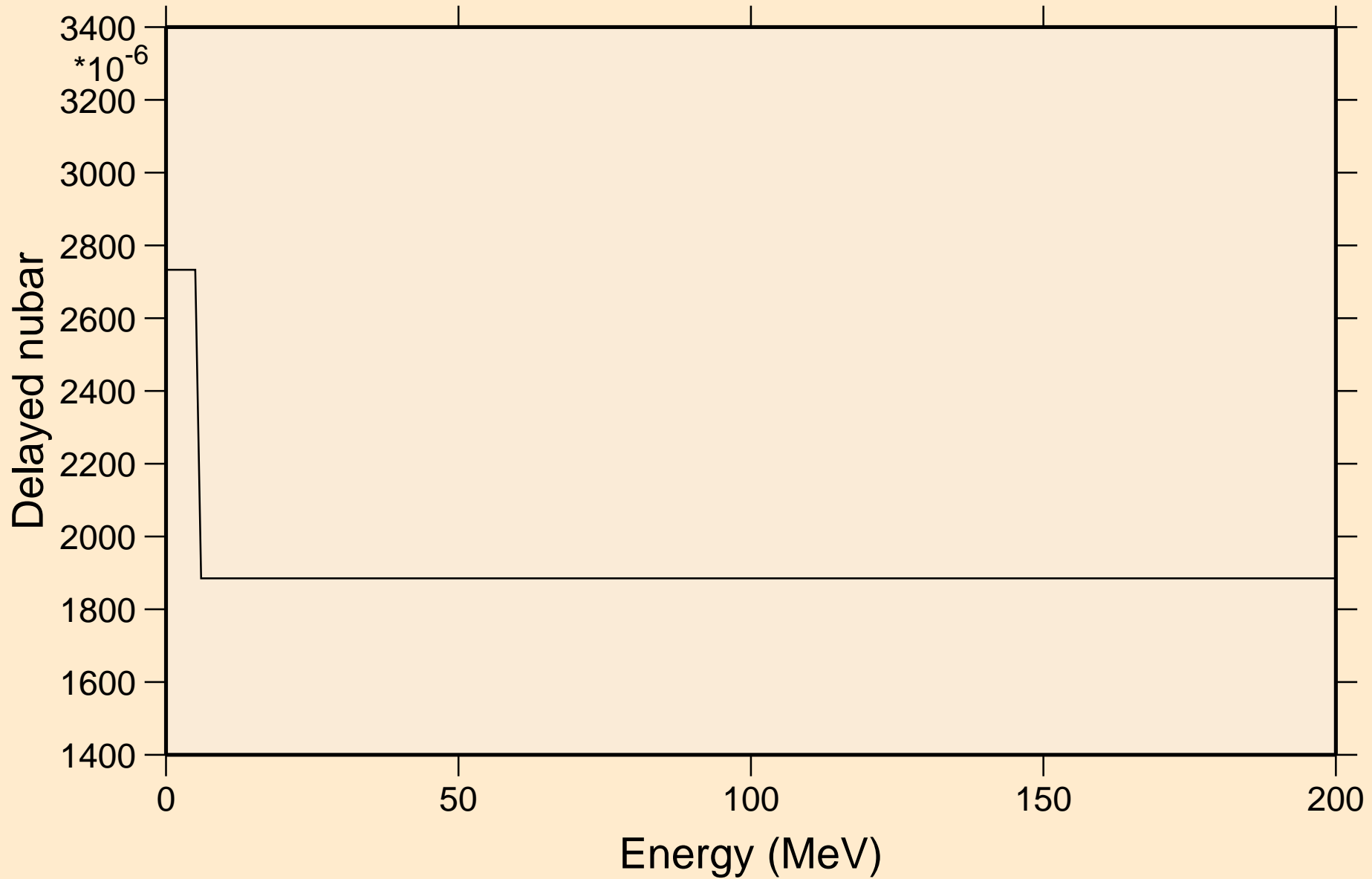


LR253M NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*c)



# LR253M NRG TENDL-2016, AKONING

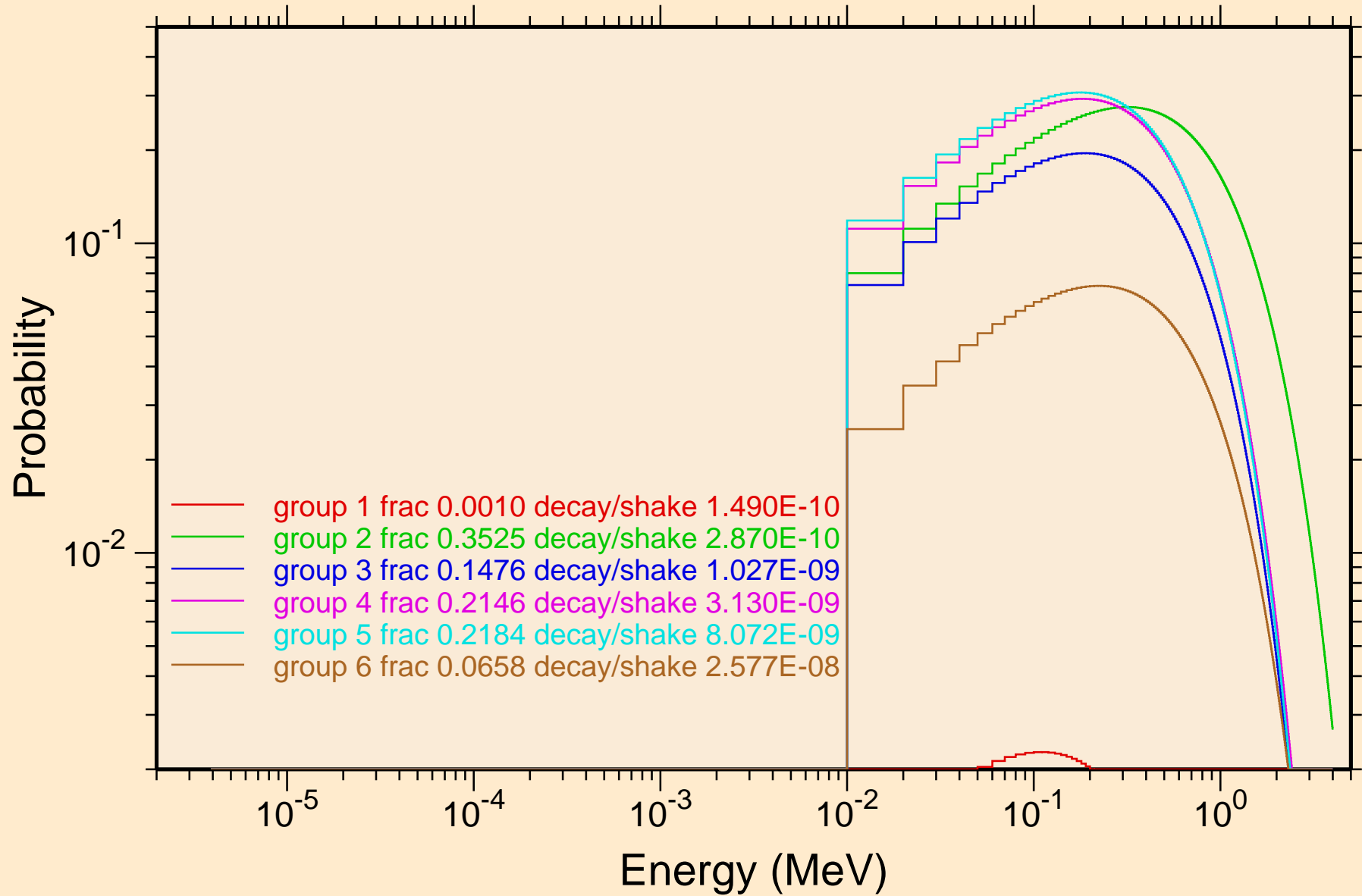
## Delayed nubar



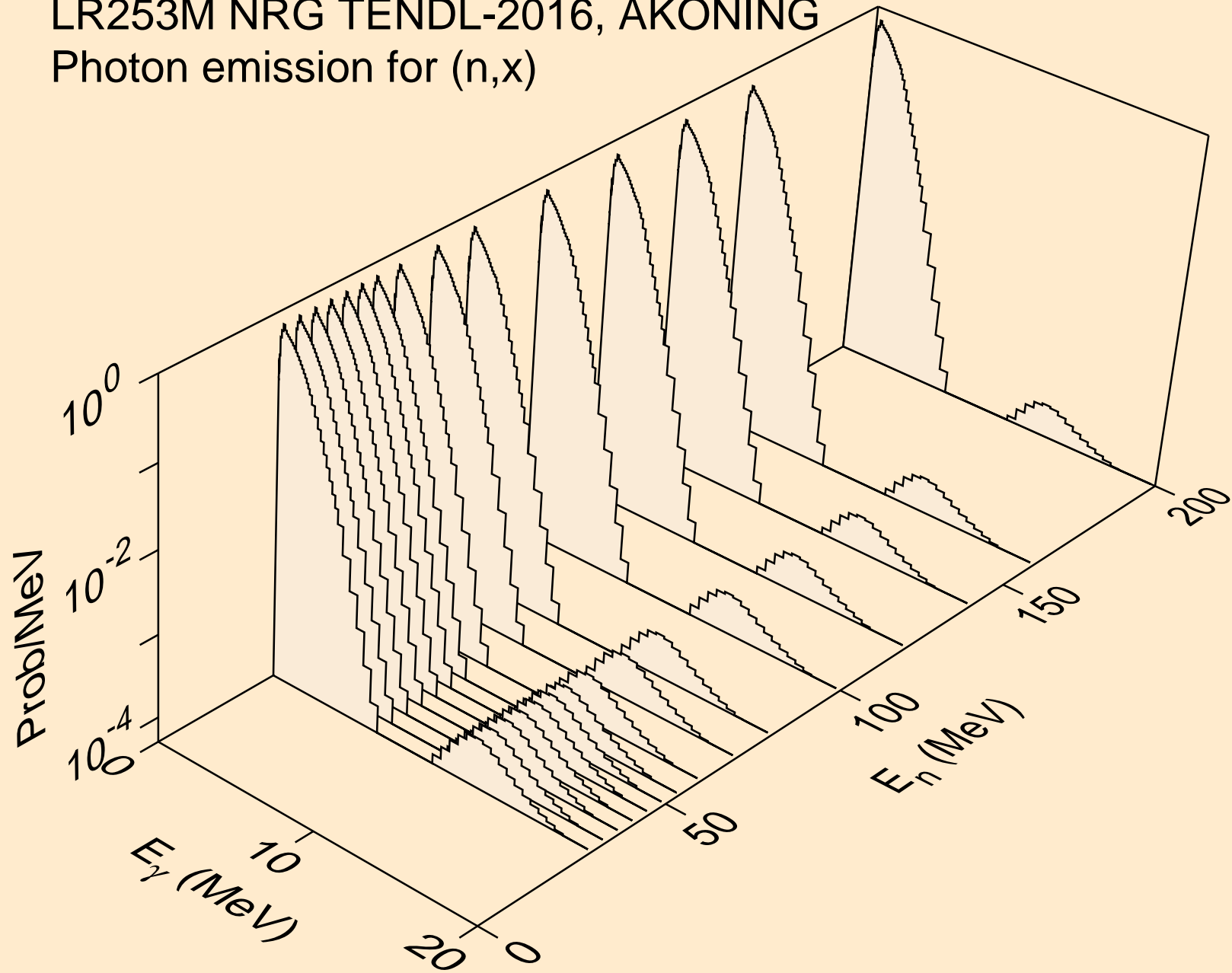


# LR253M NRG TENDL-2016, AKONING

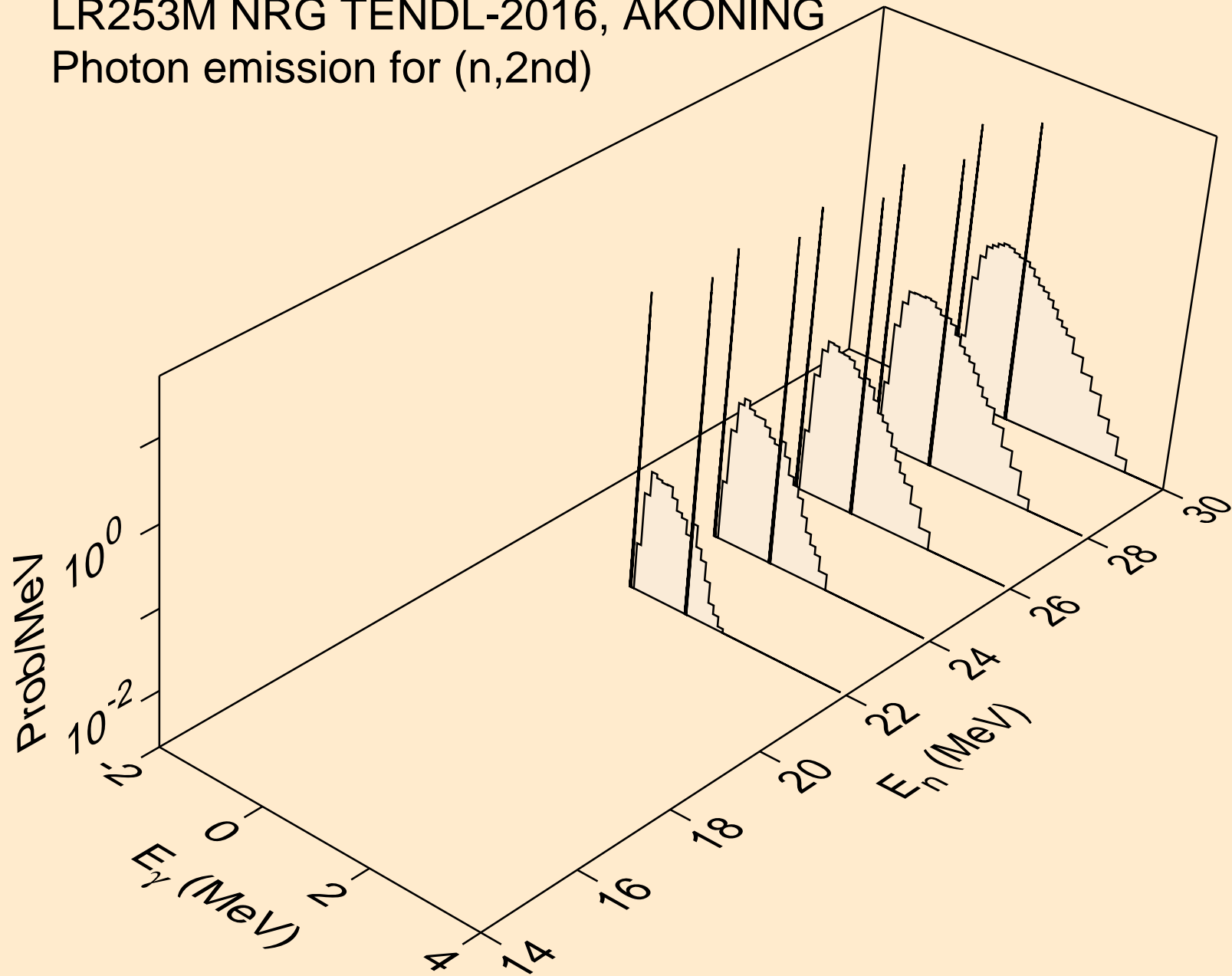
## Delayed neutron spectra



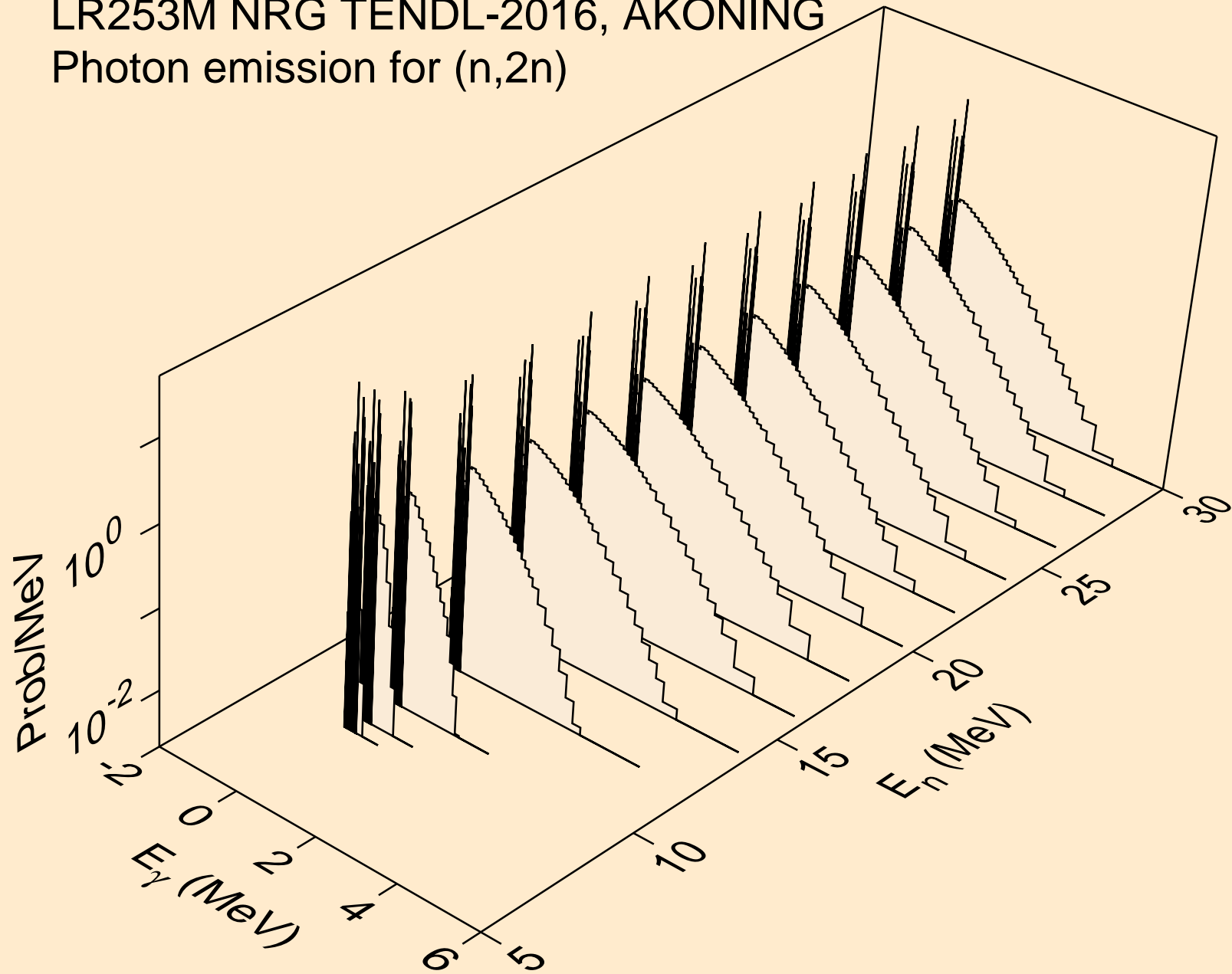
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,x)



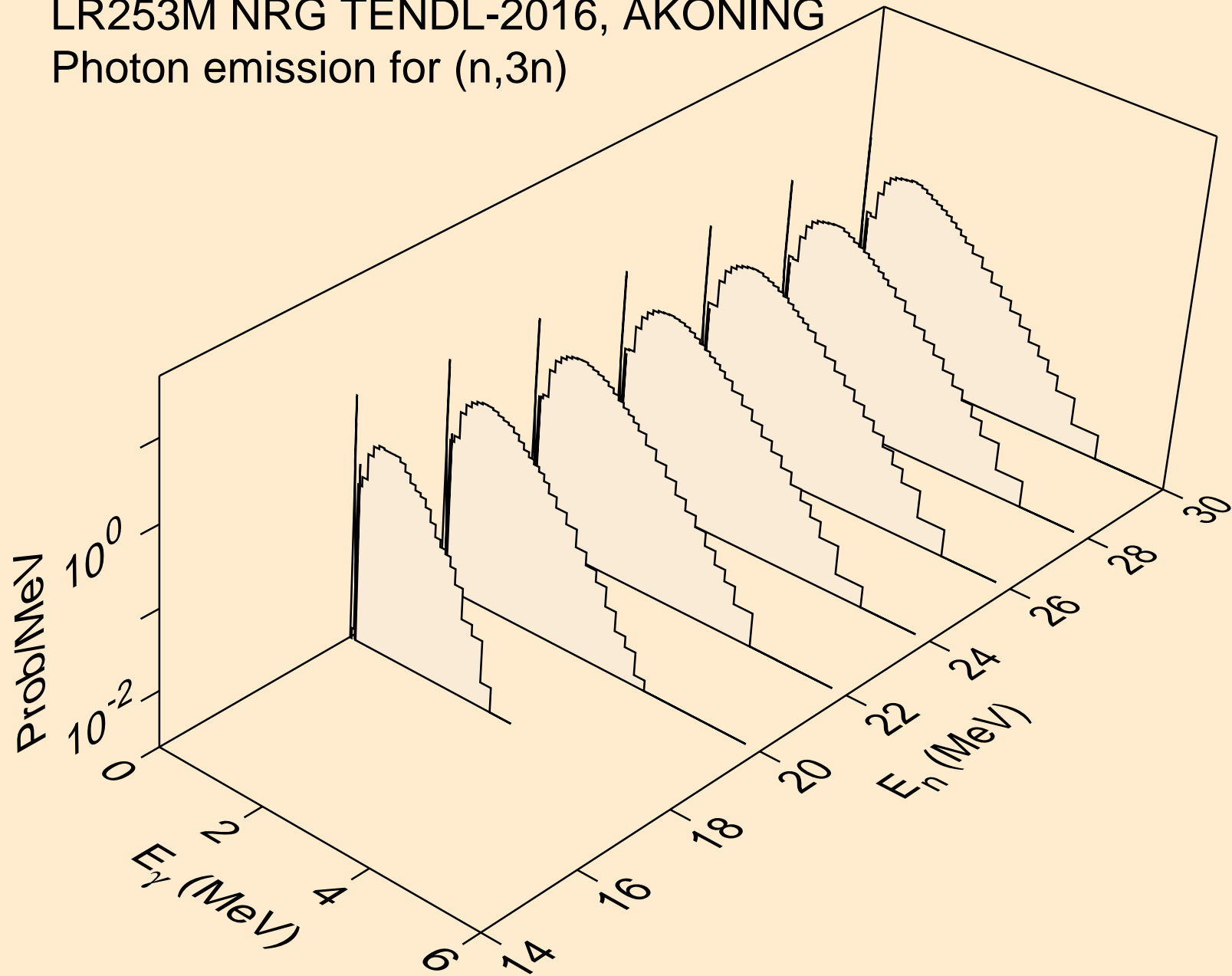
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,2nd)



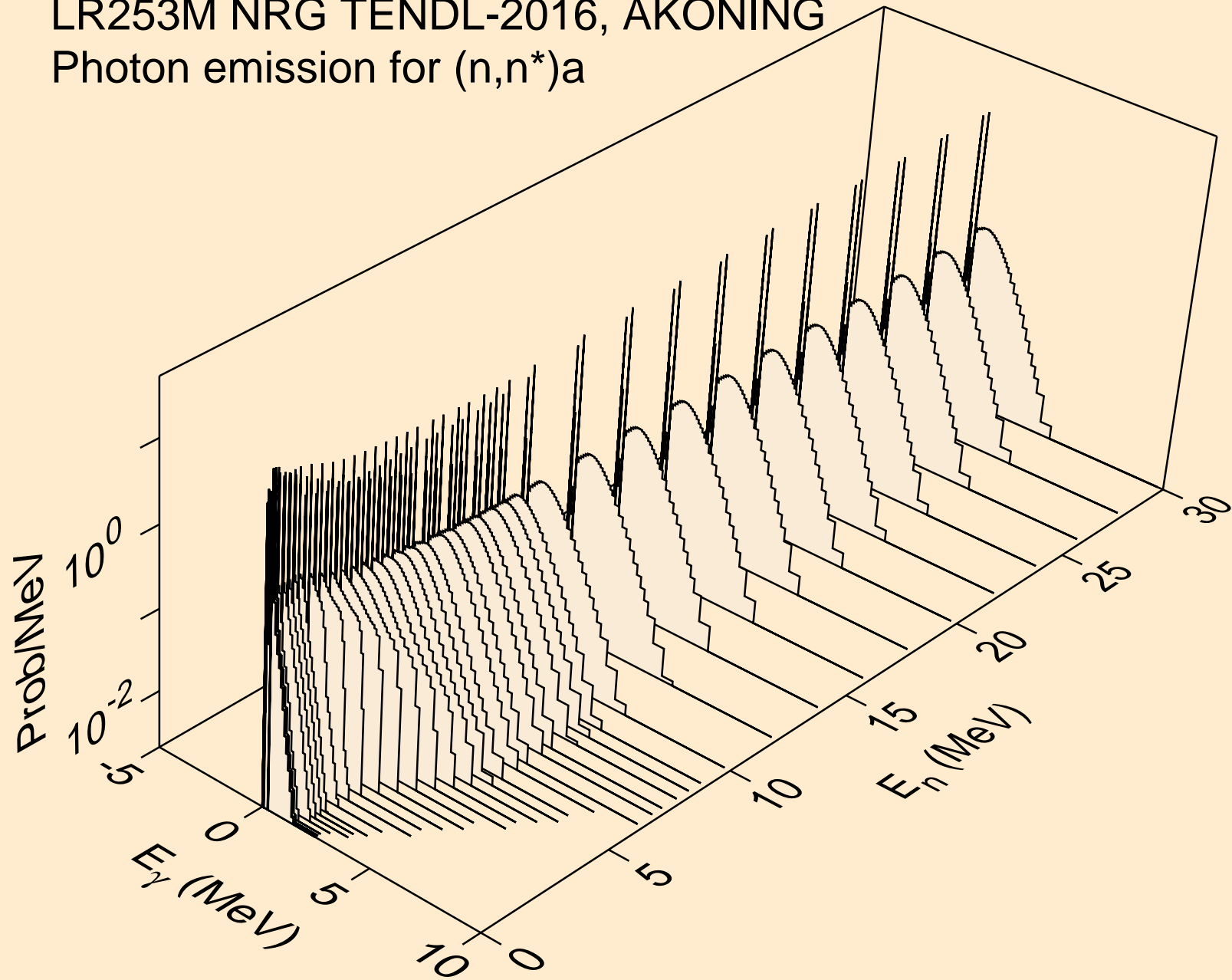
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,2n)



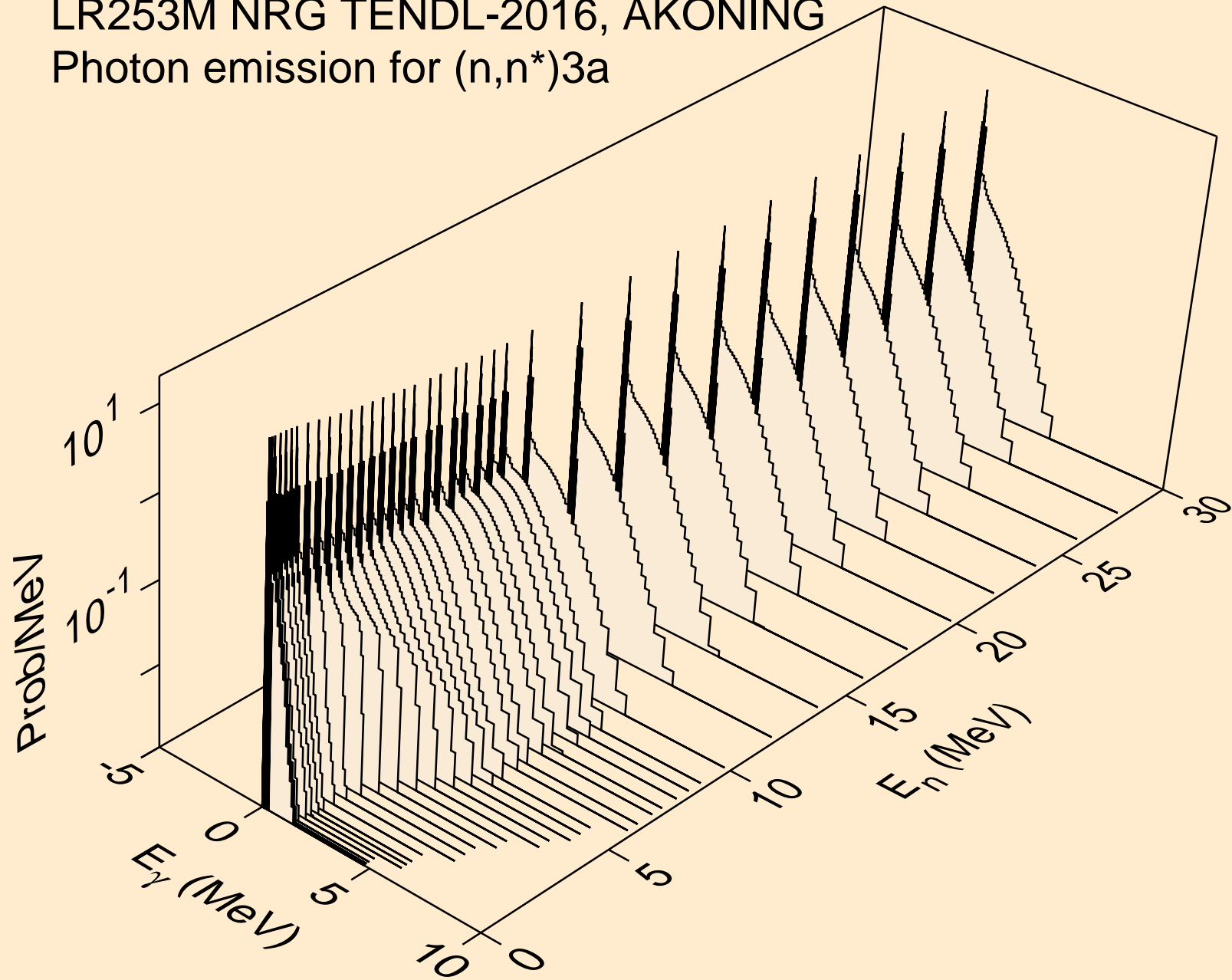
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,3n)



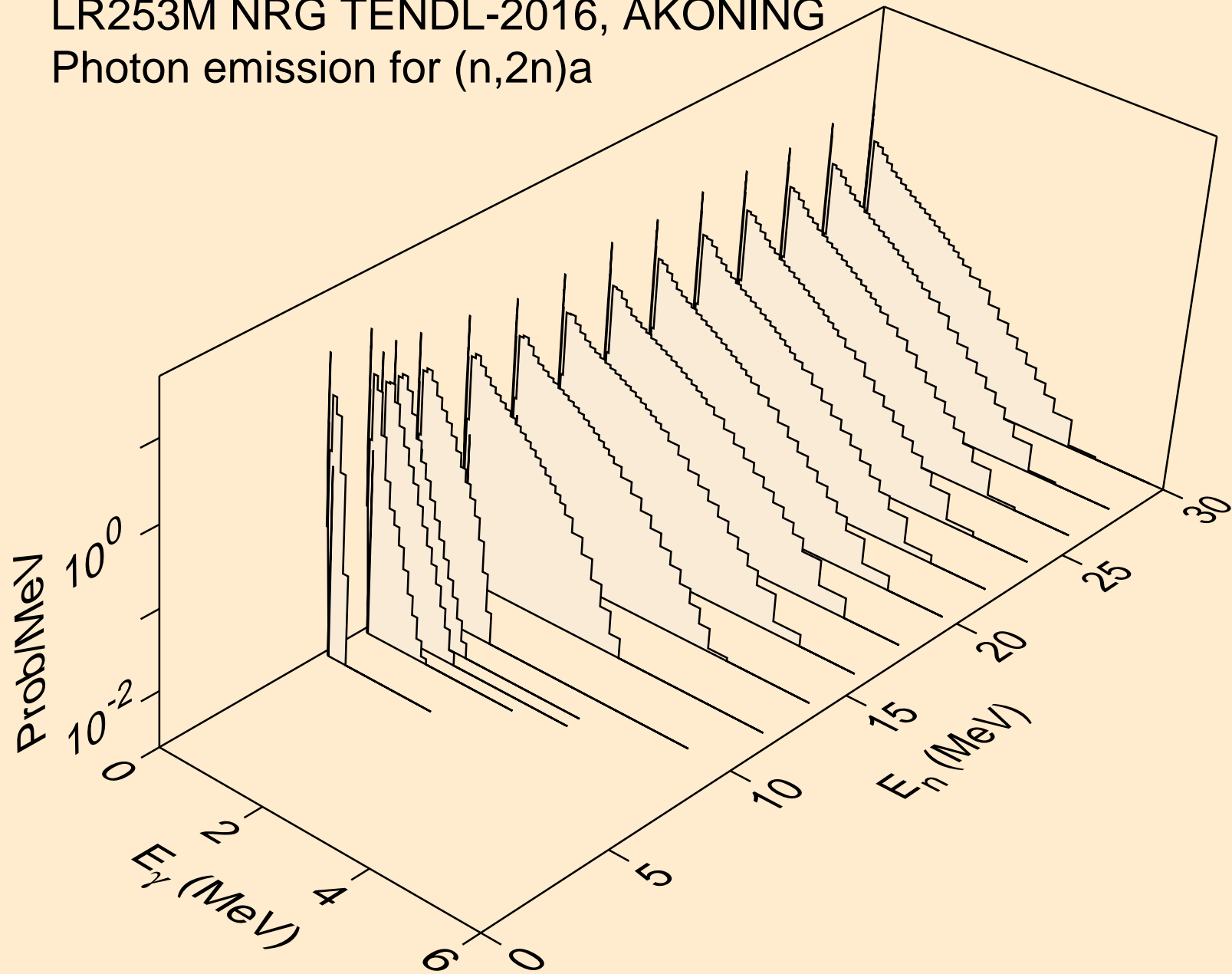
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)a



LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)3a

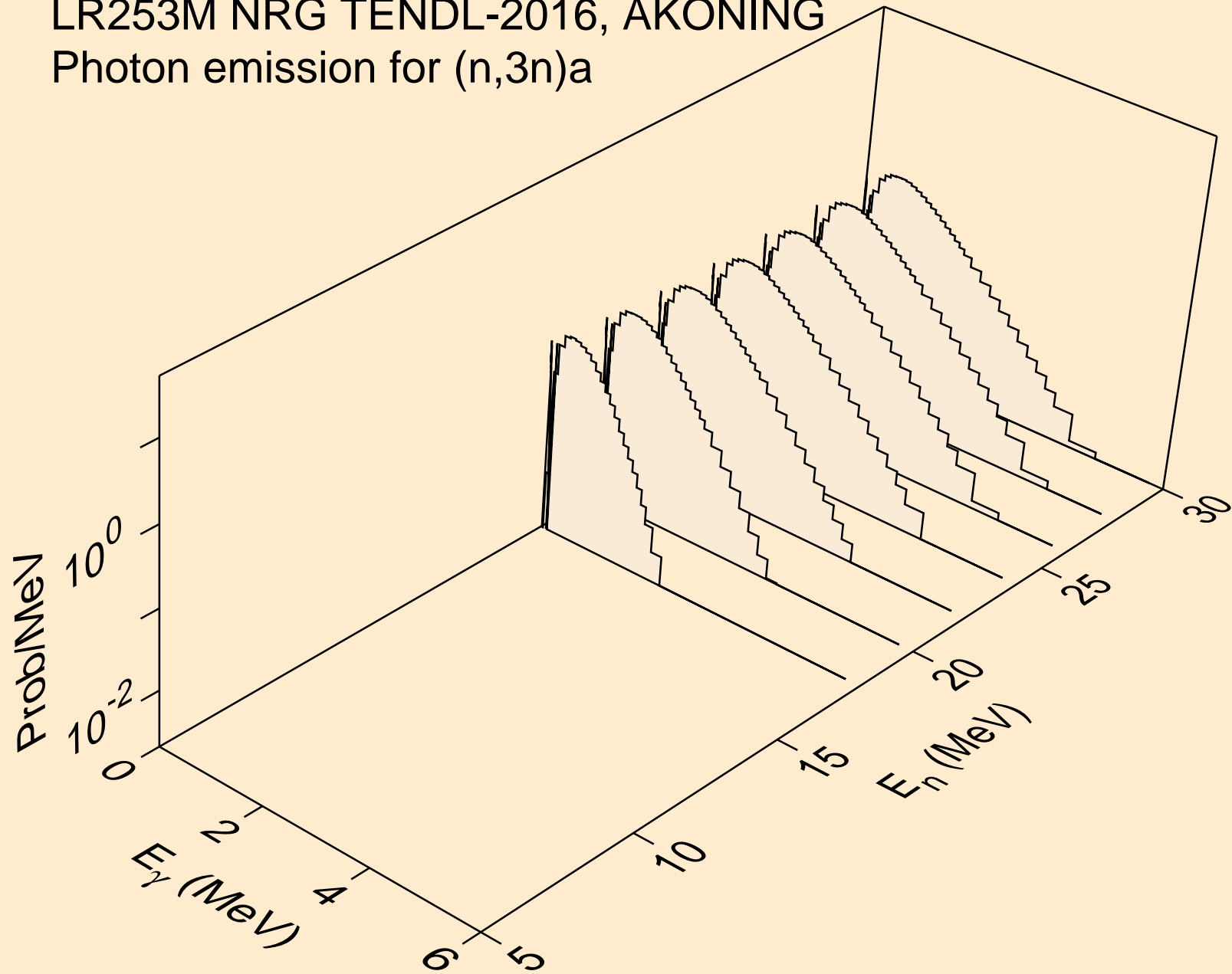


LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,2n)a

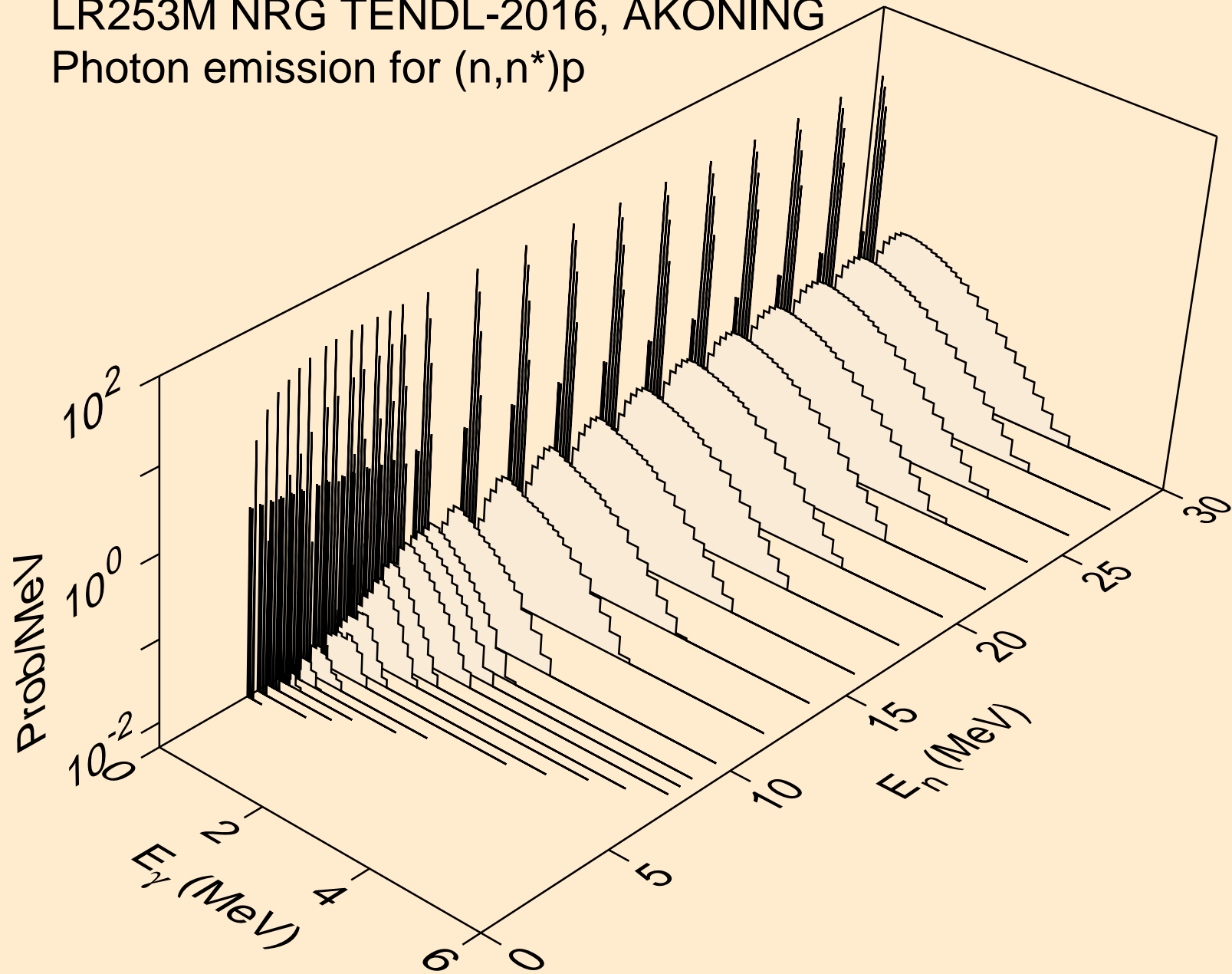




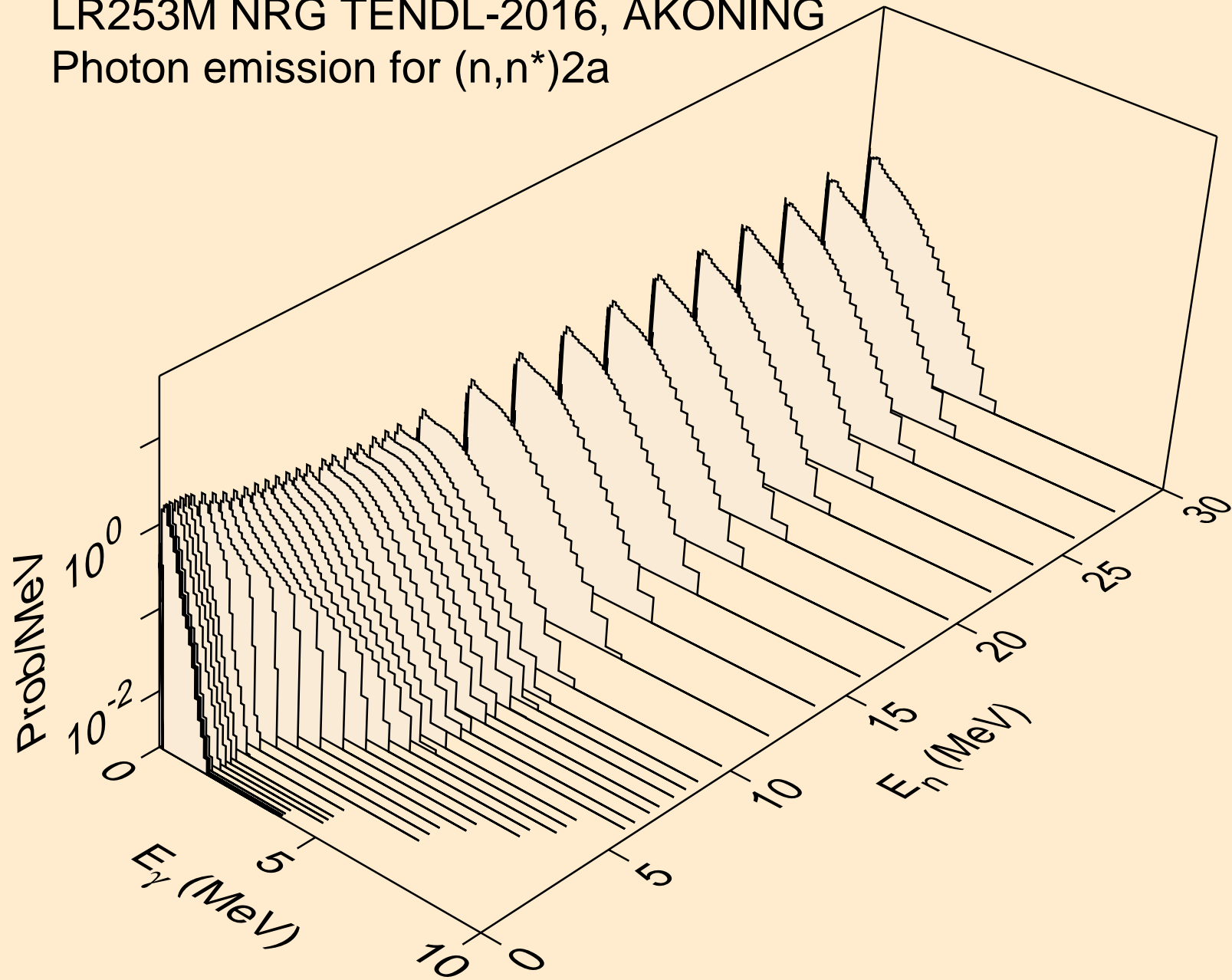
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,3n)a



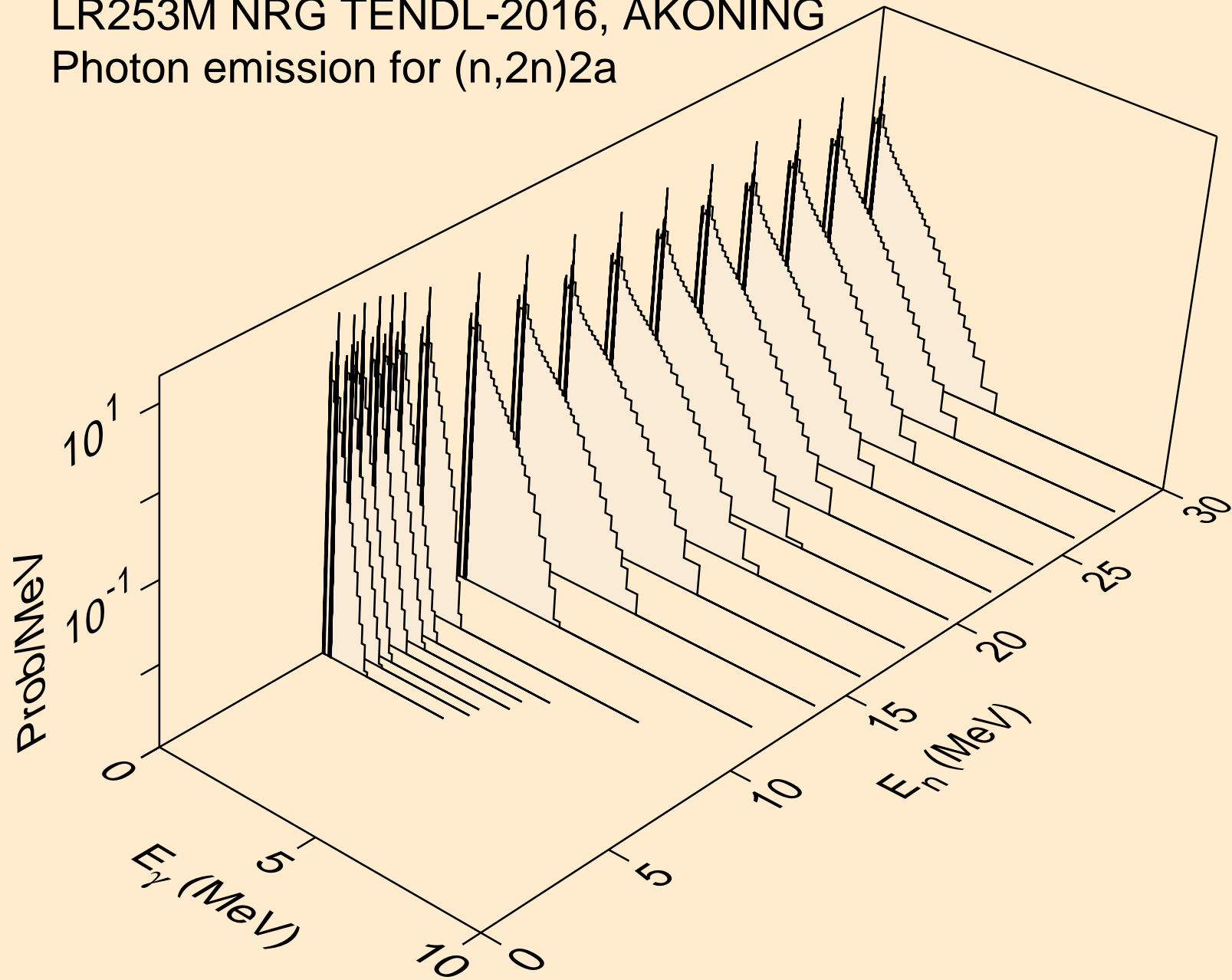
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)p



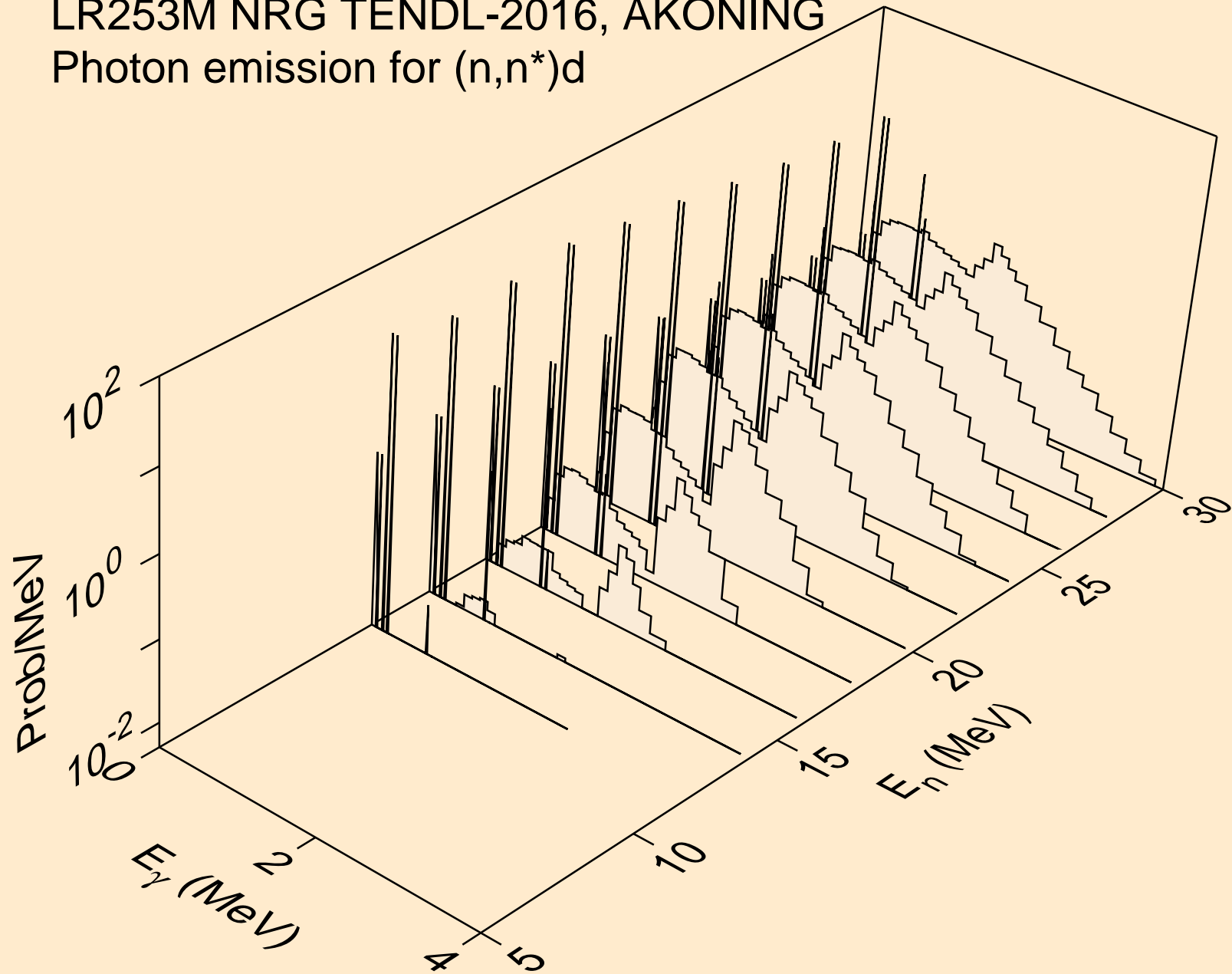
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)2a



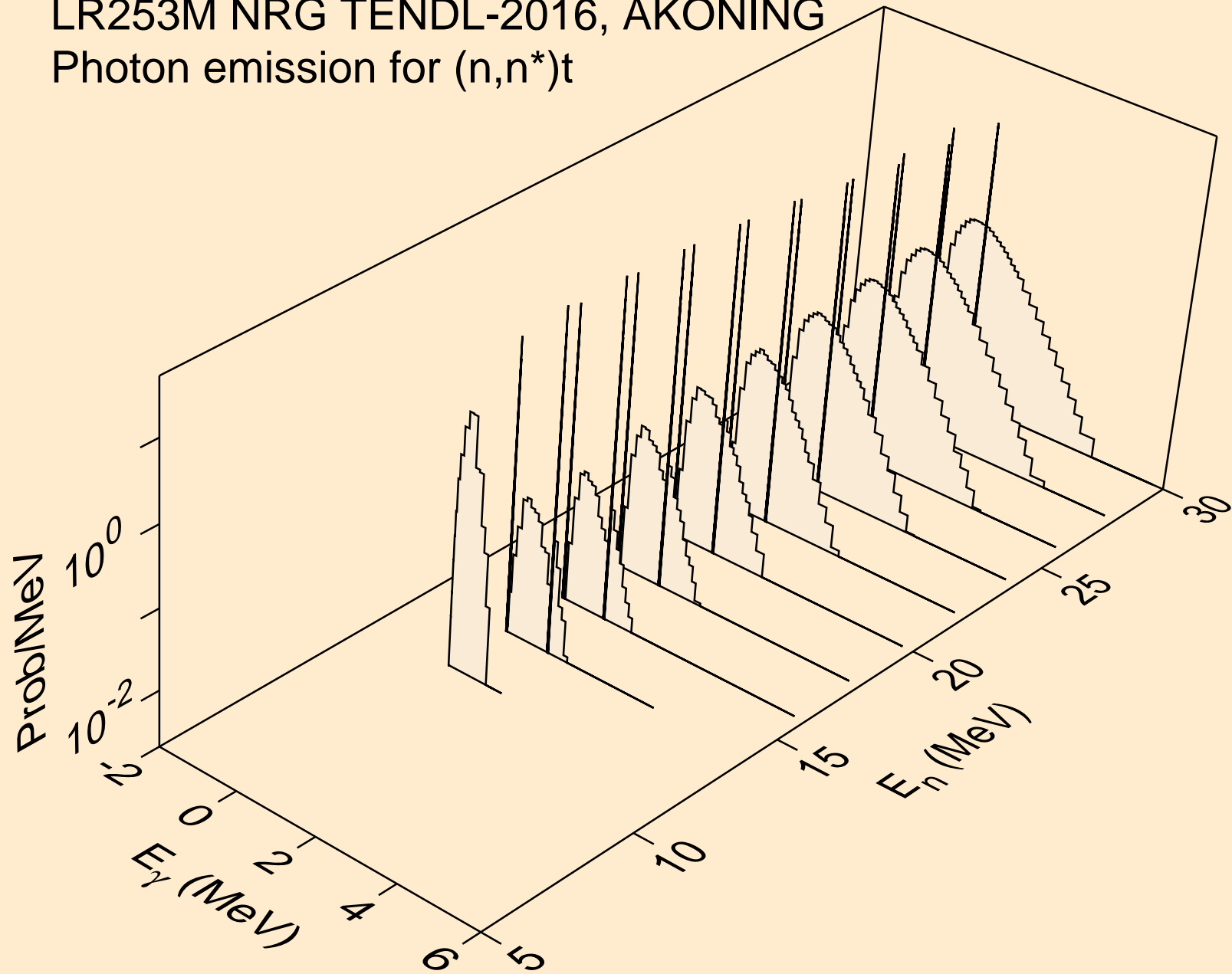
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,2n)2a



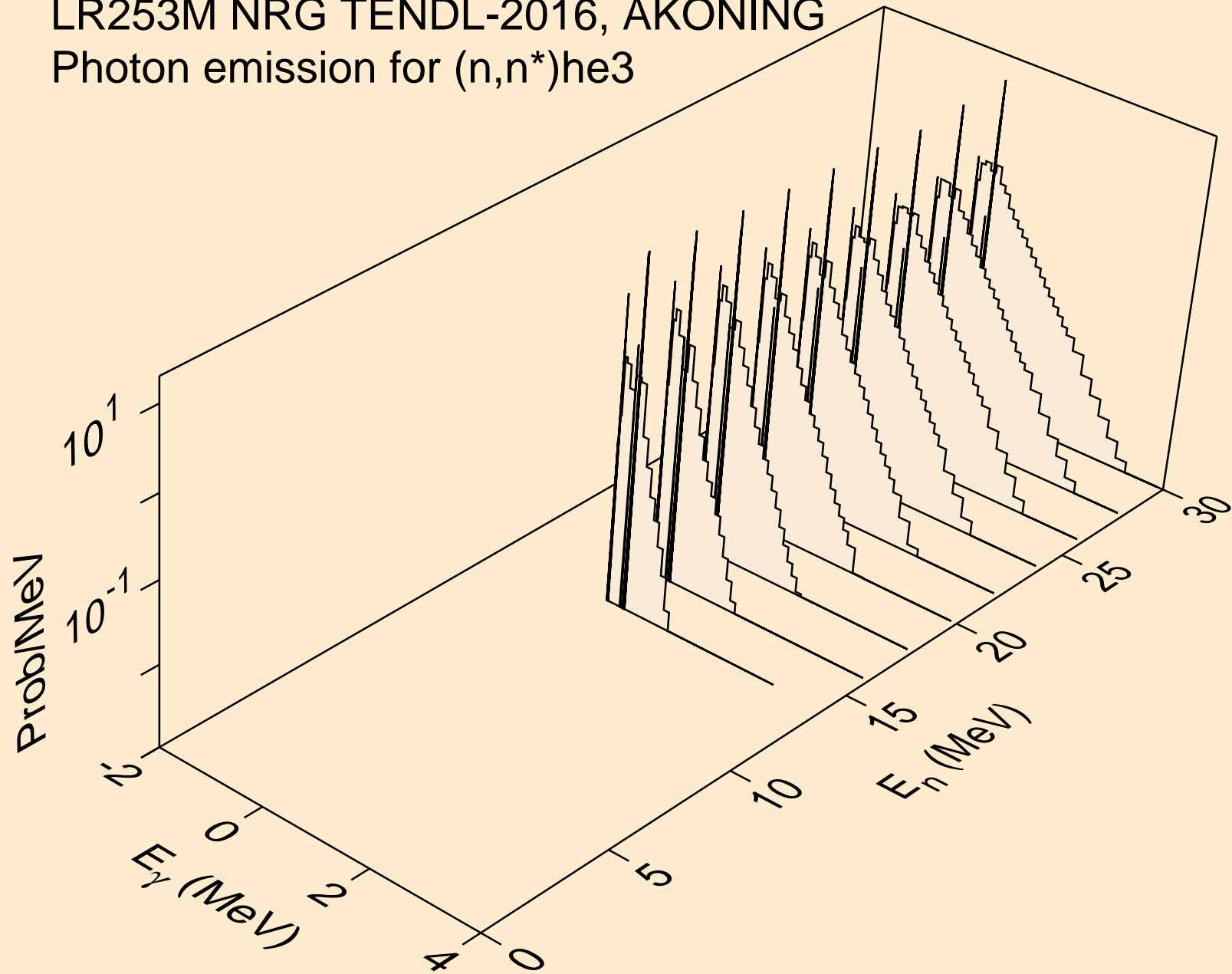
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)d



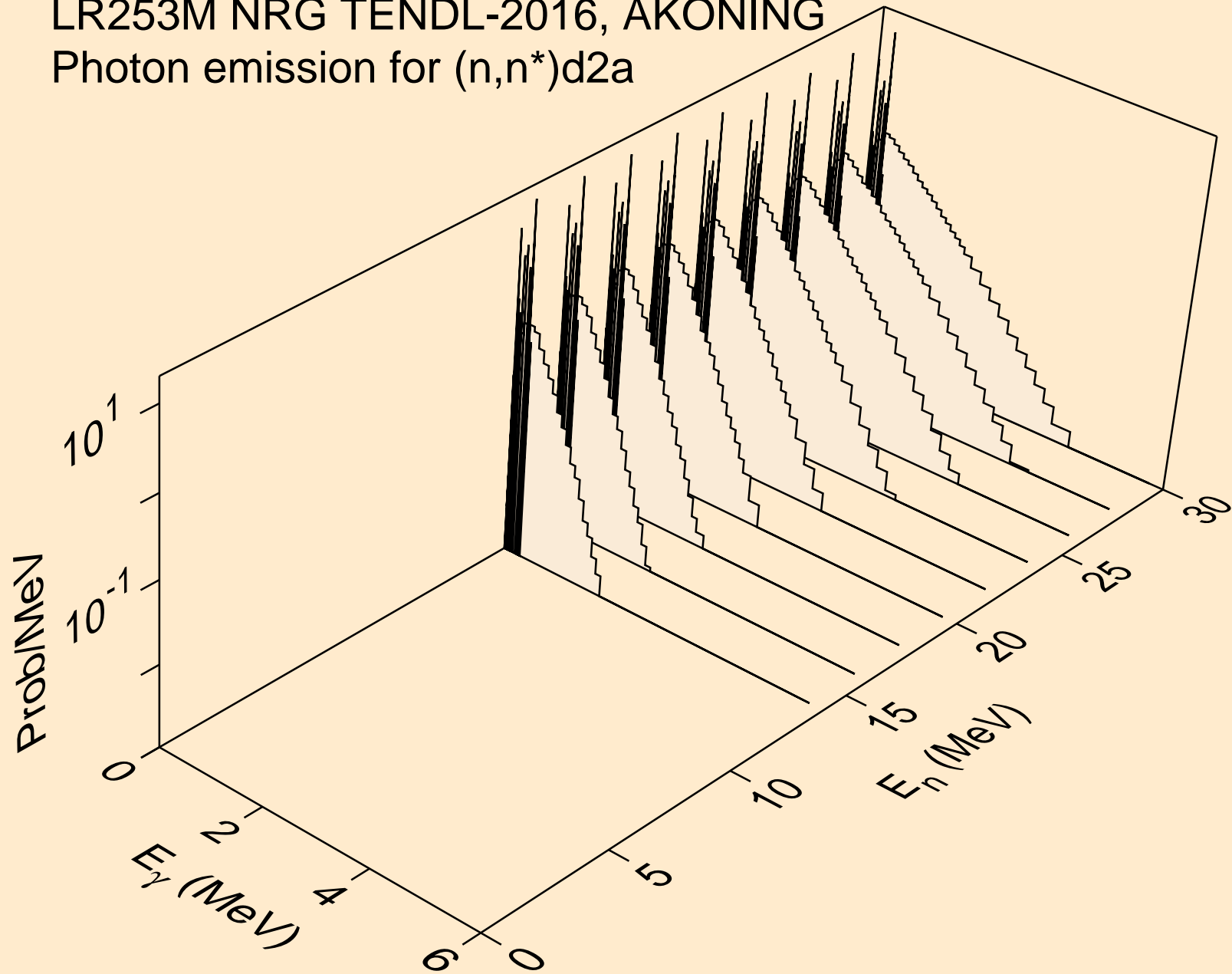
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)t



LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)he3

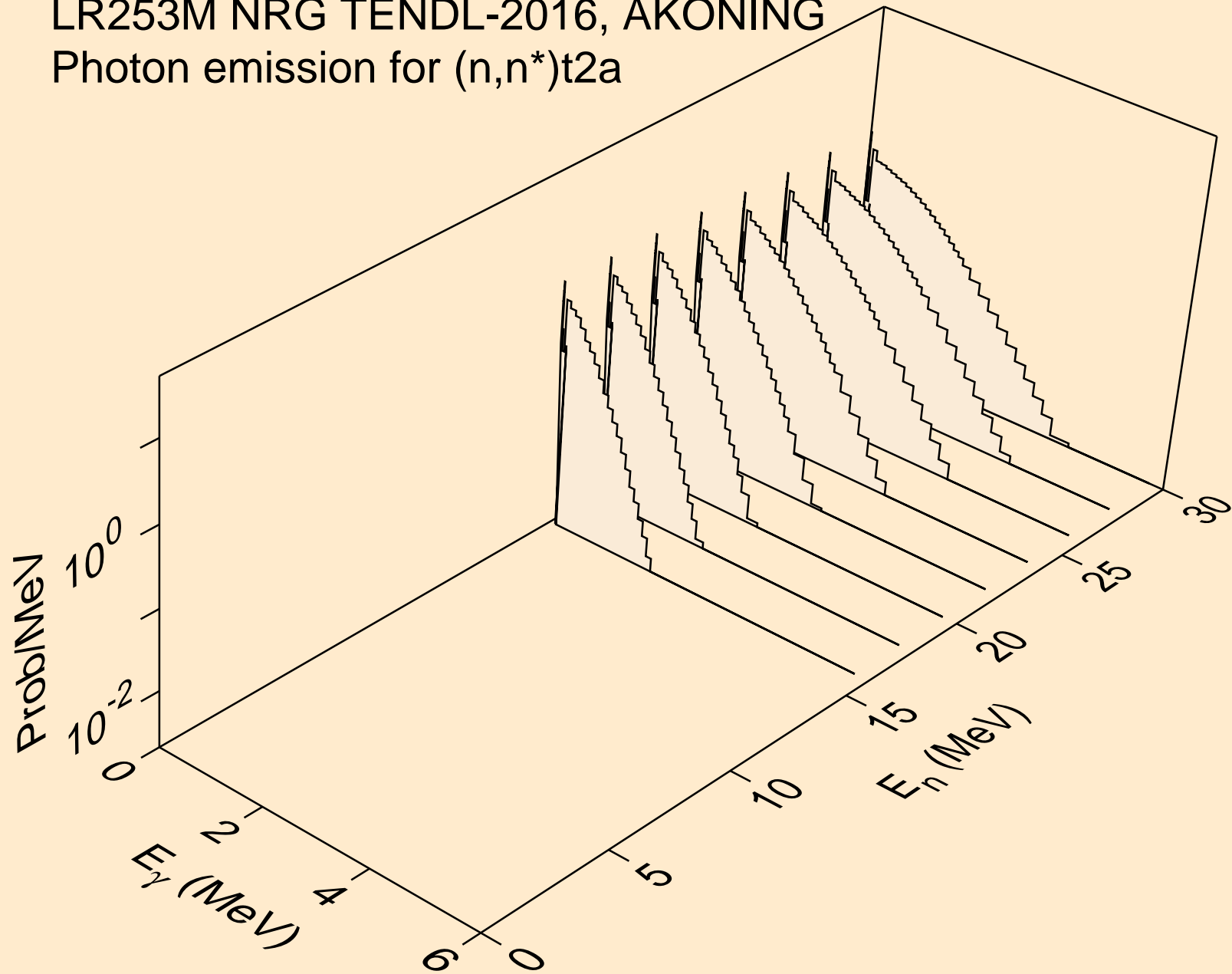


LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)d2a

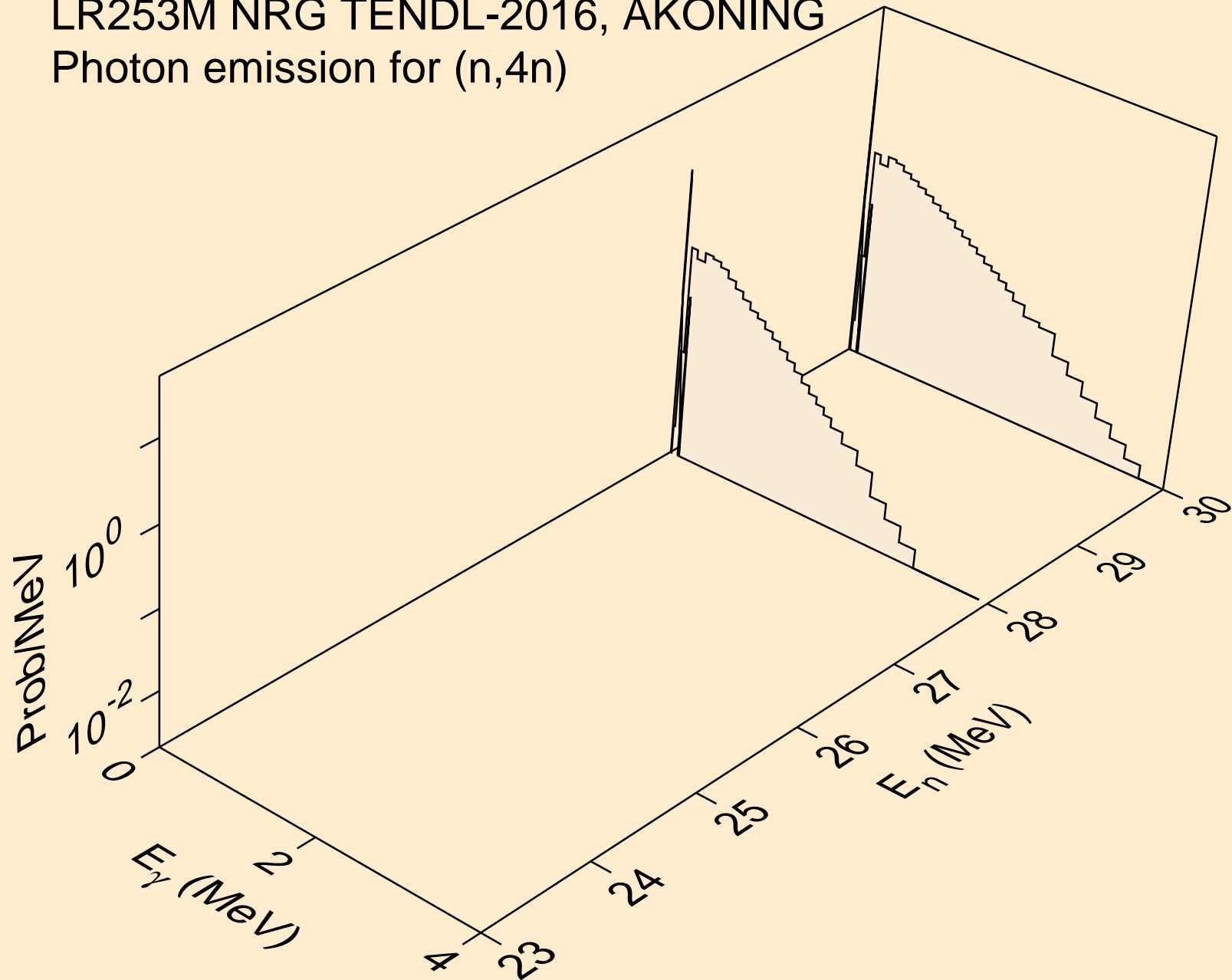




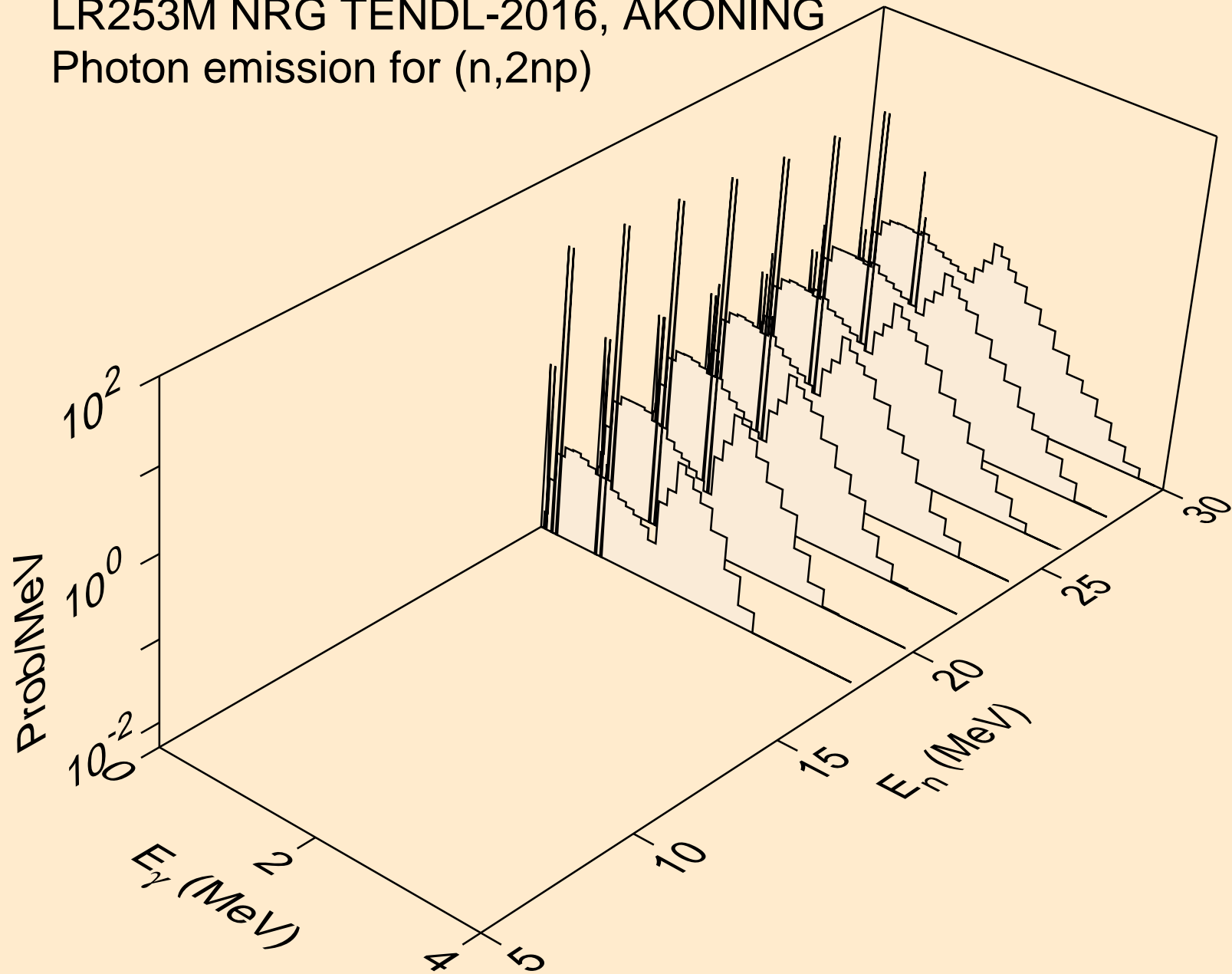
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)t2a



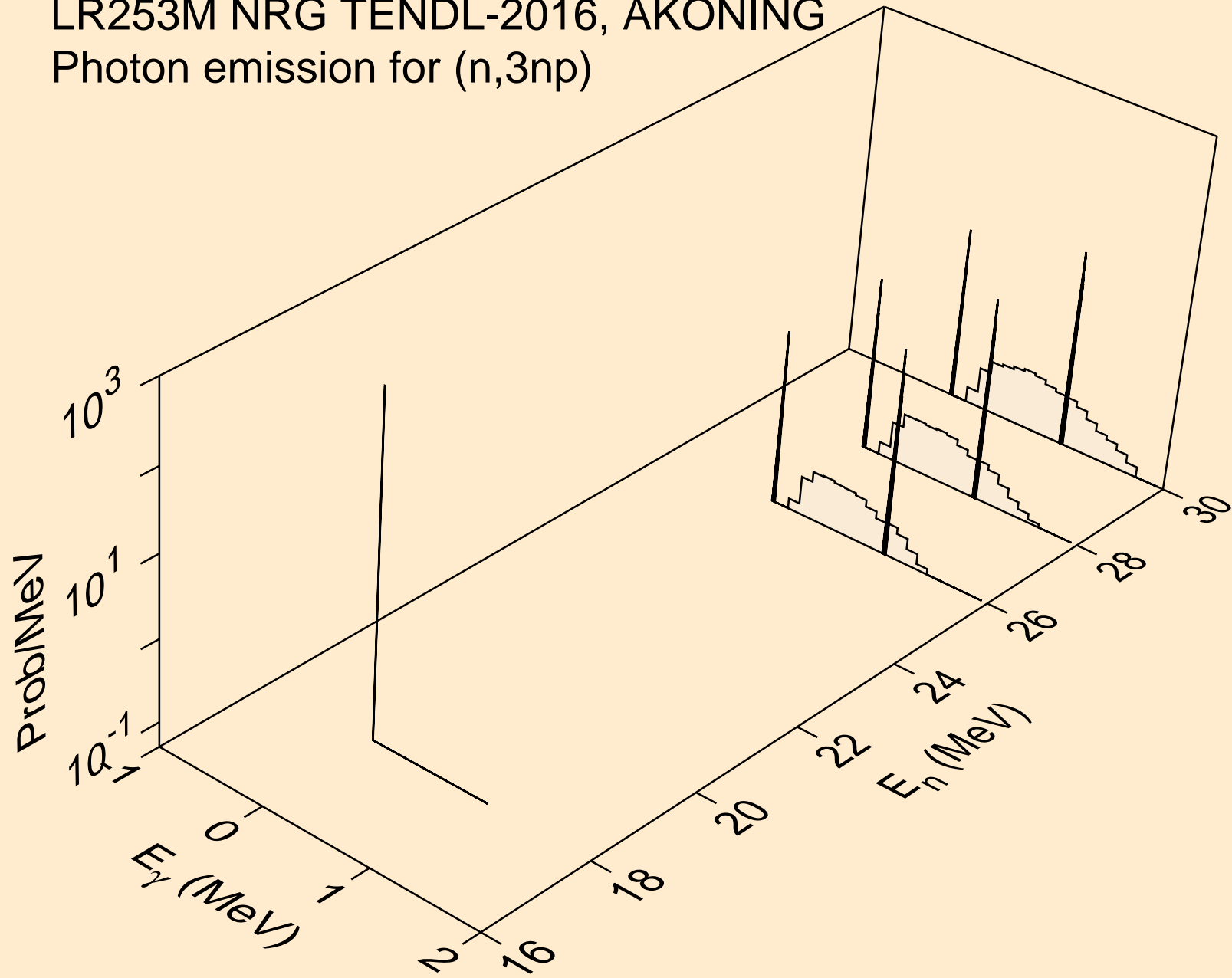
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,4n)



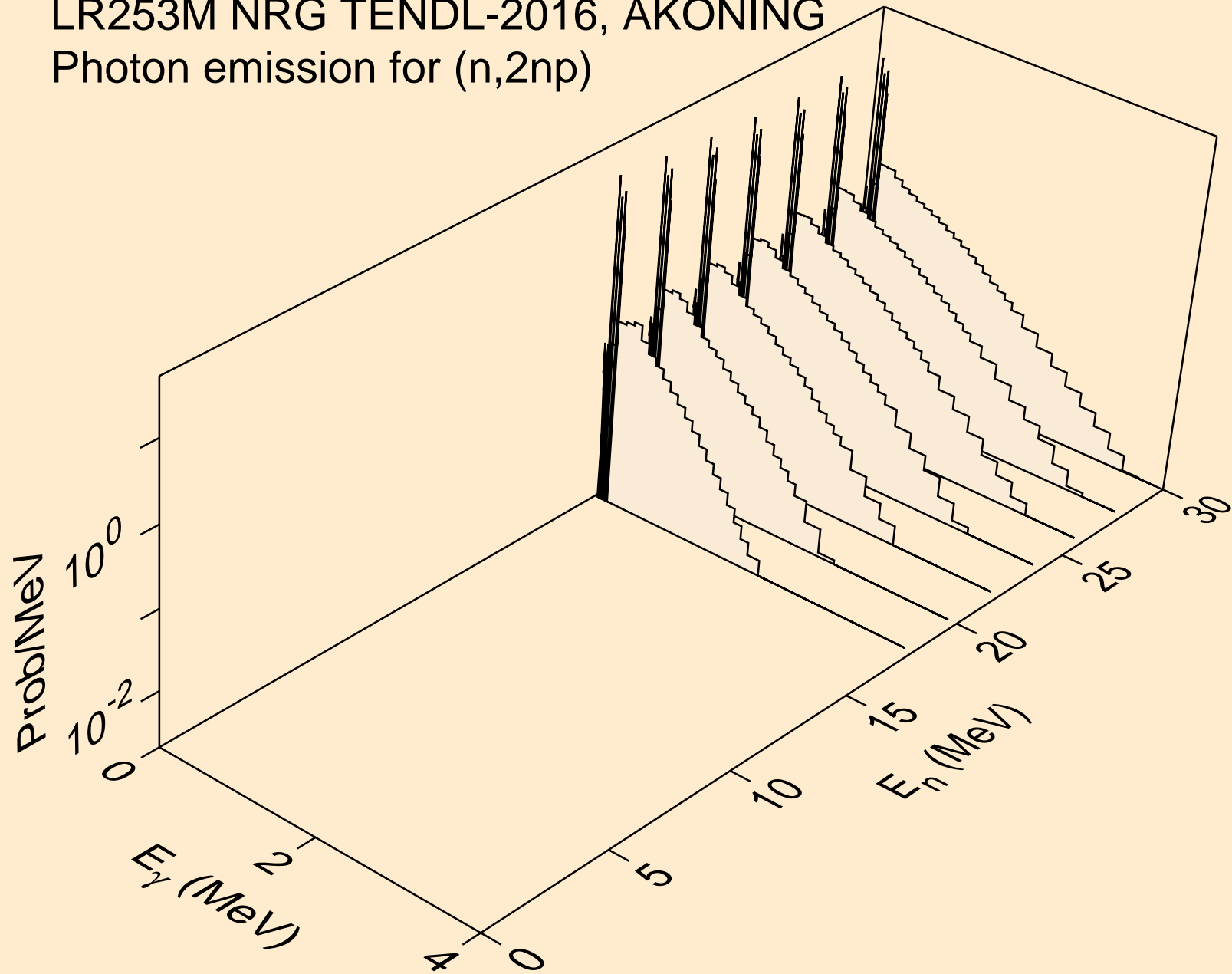
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,2np)



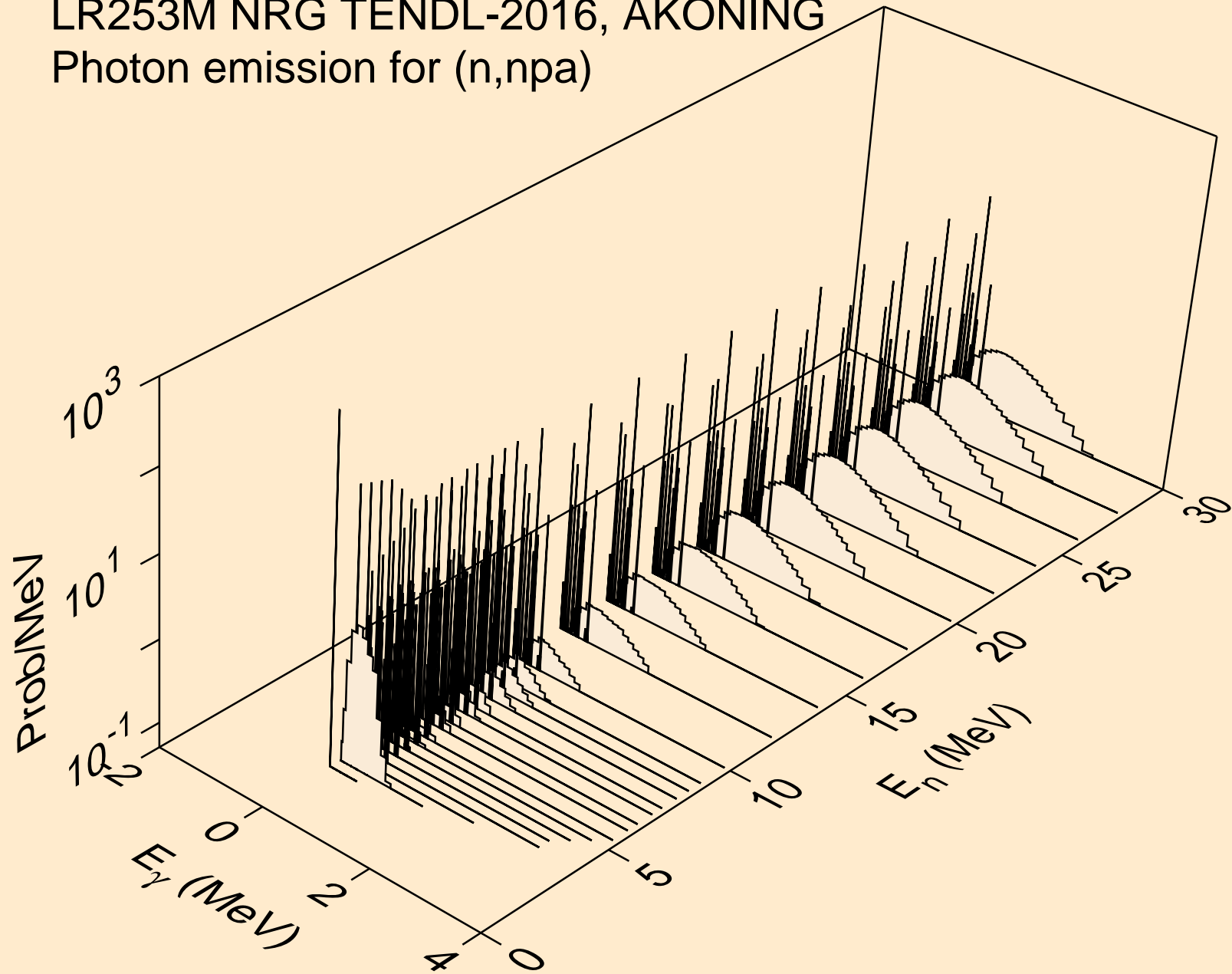
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Photon emission for (n,3np)



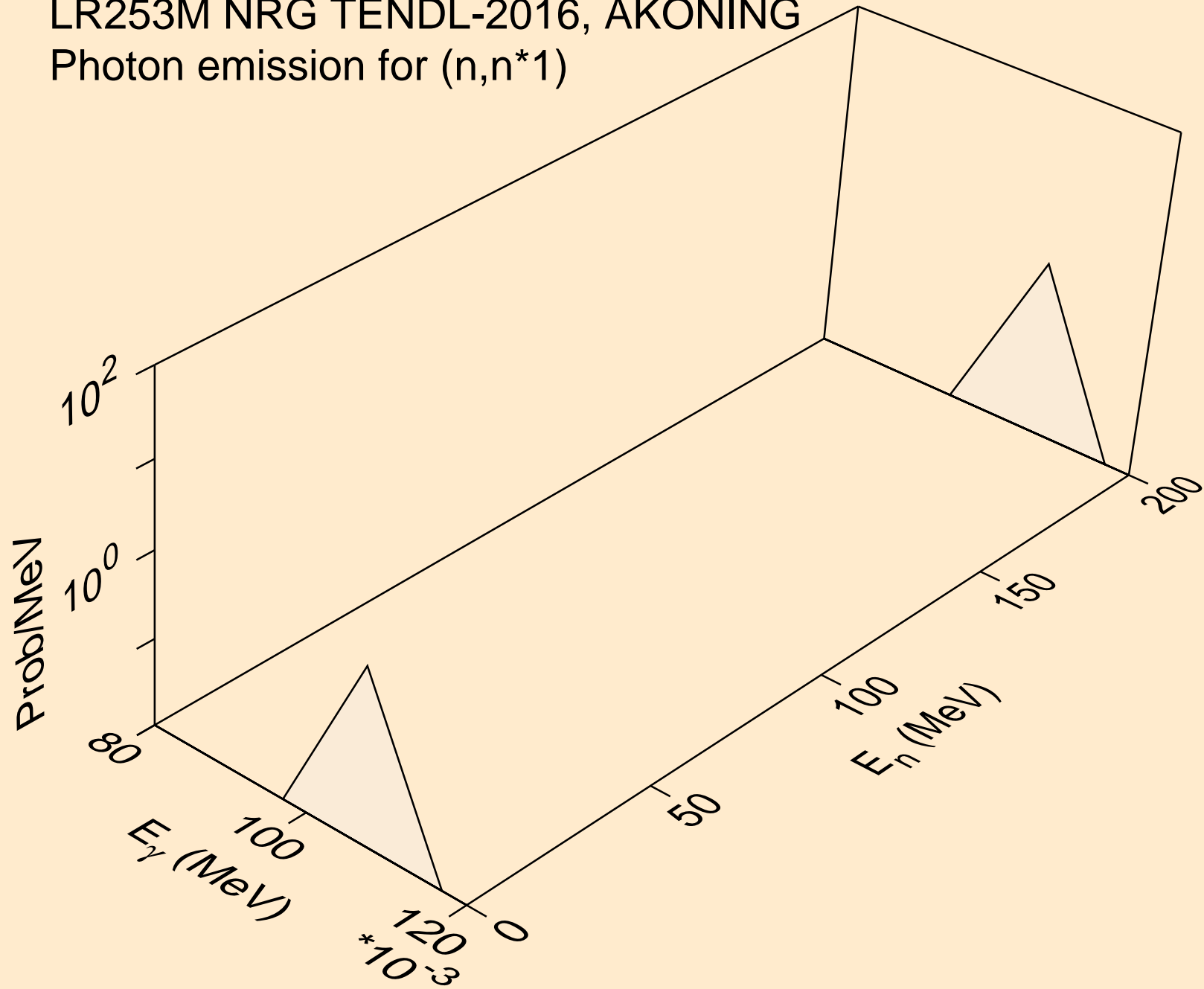
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Photon emission for (n,2np)



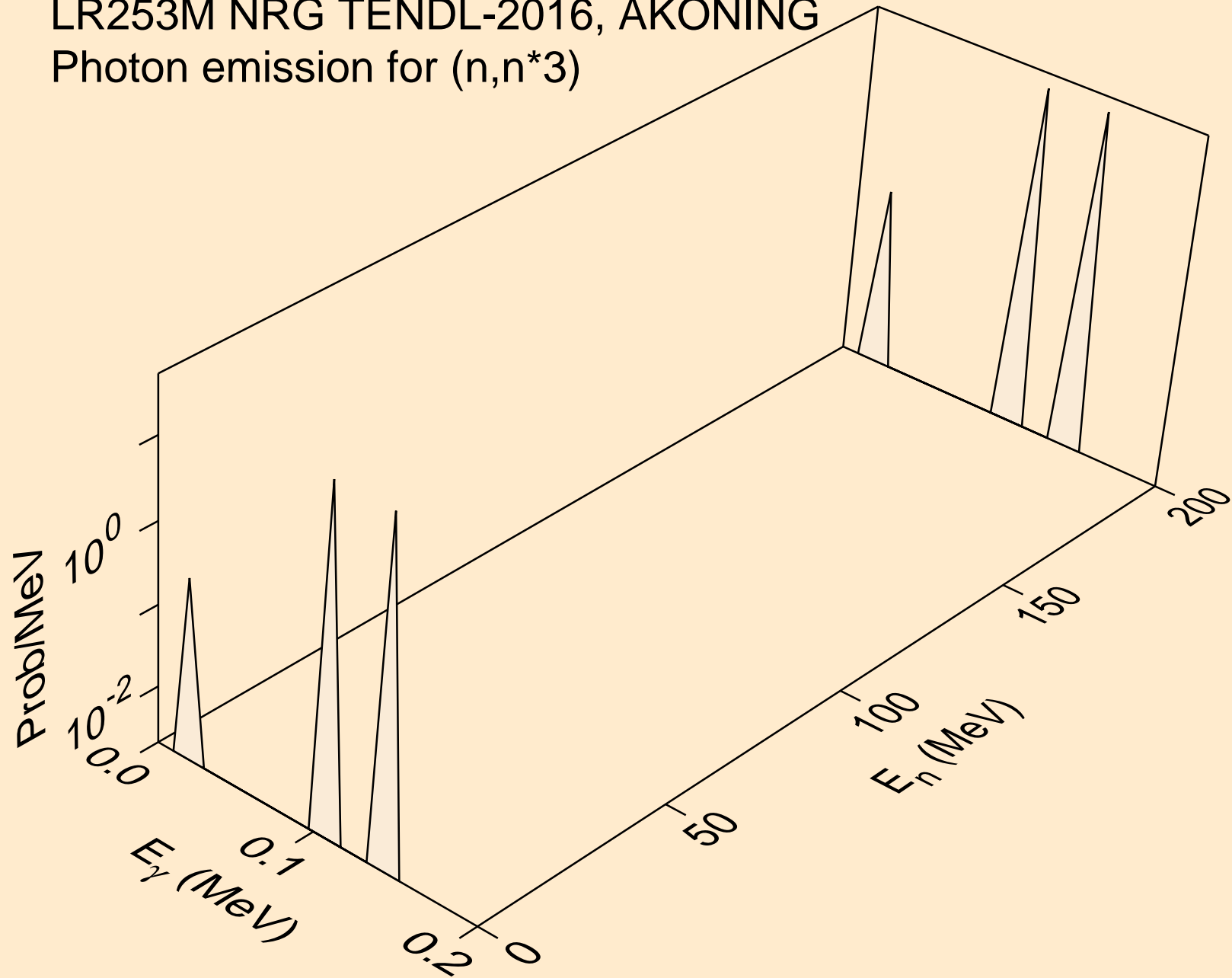
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,npa)



LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*1)

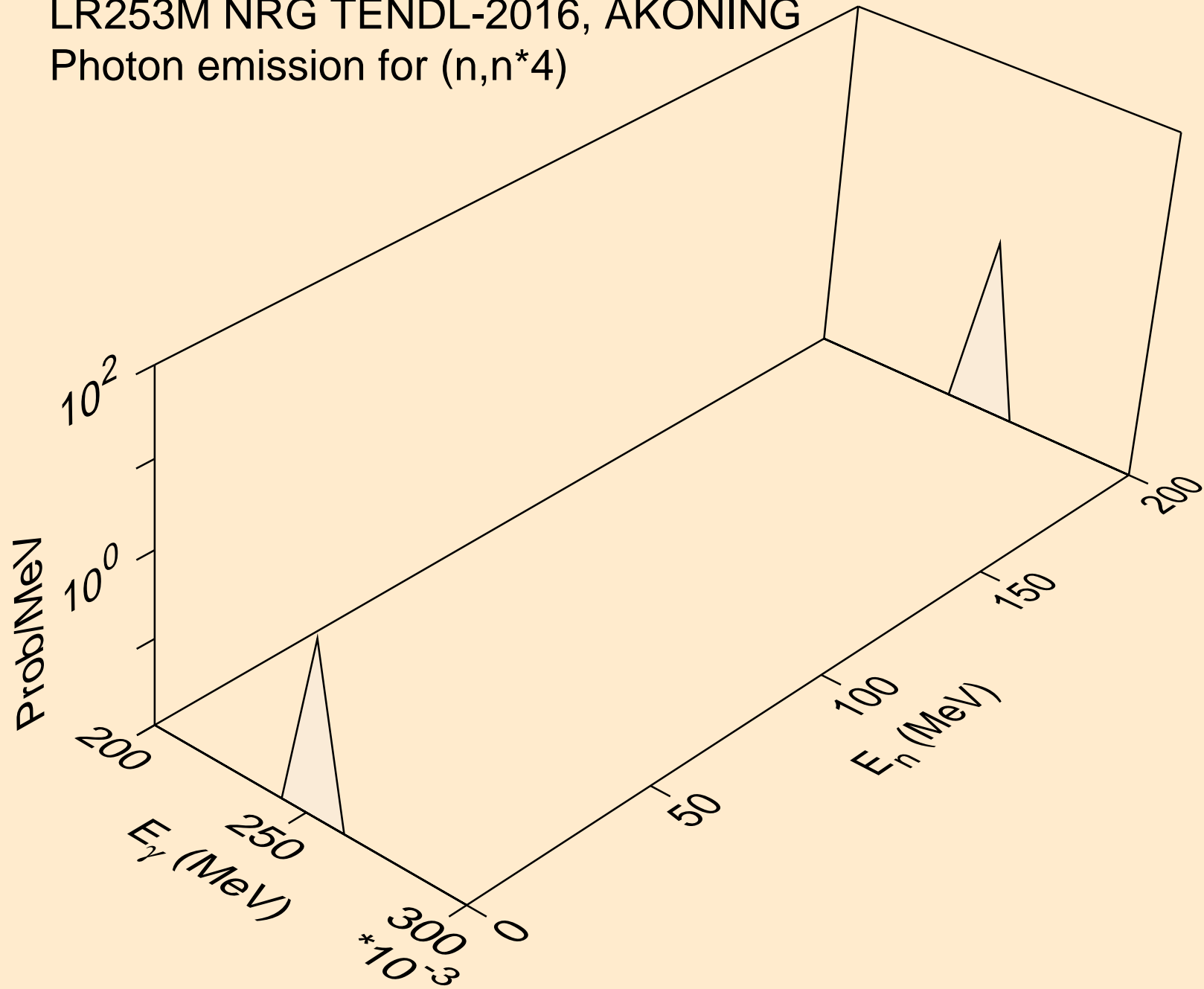


LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*3)

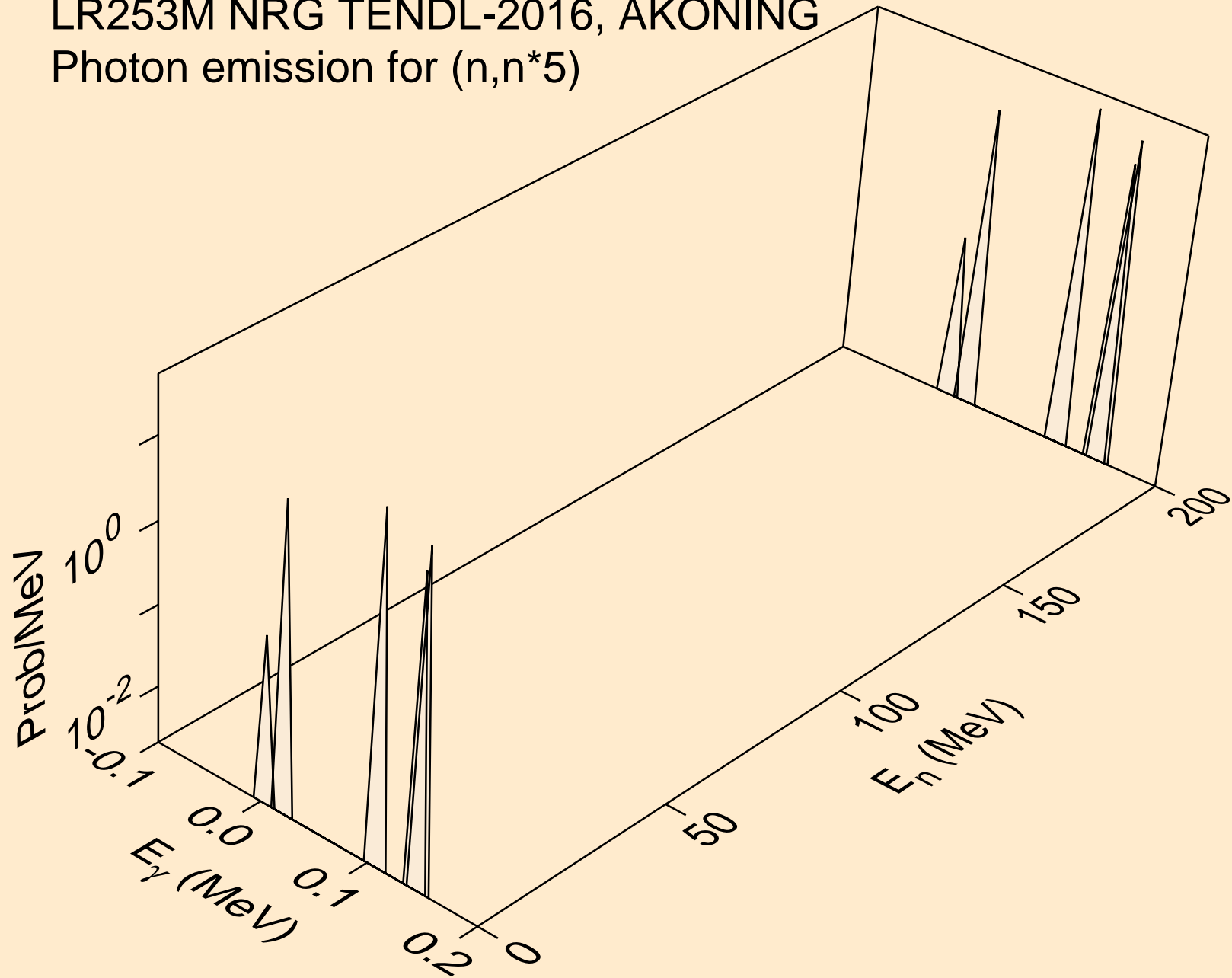




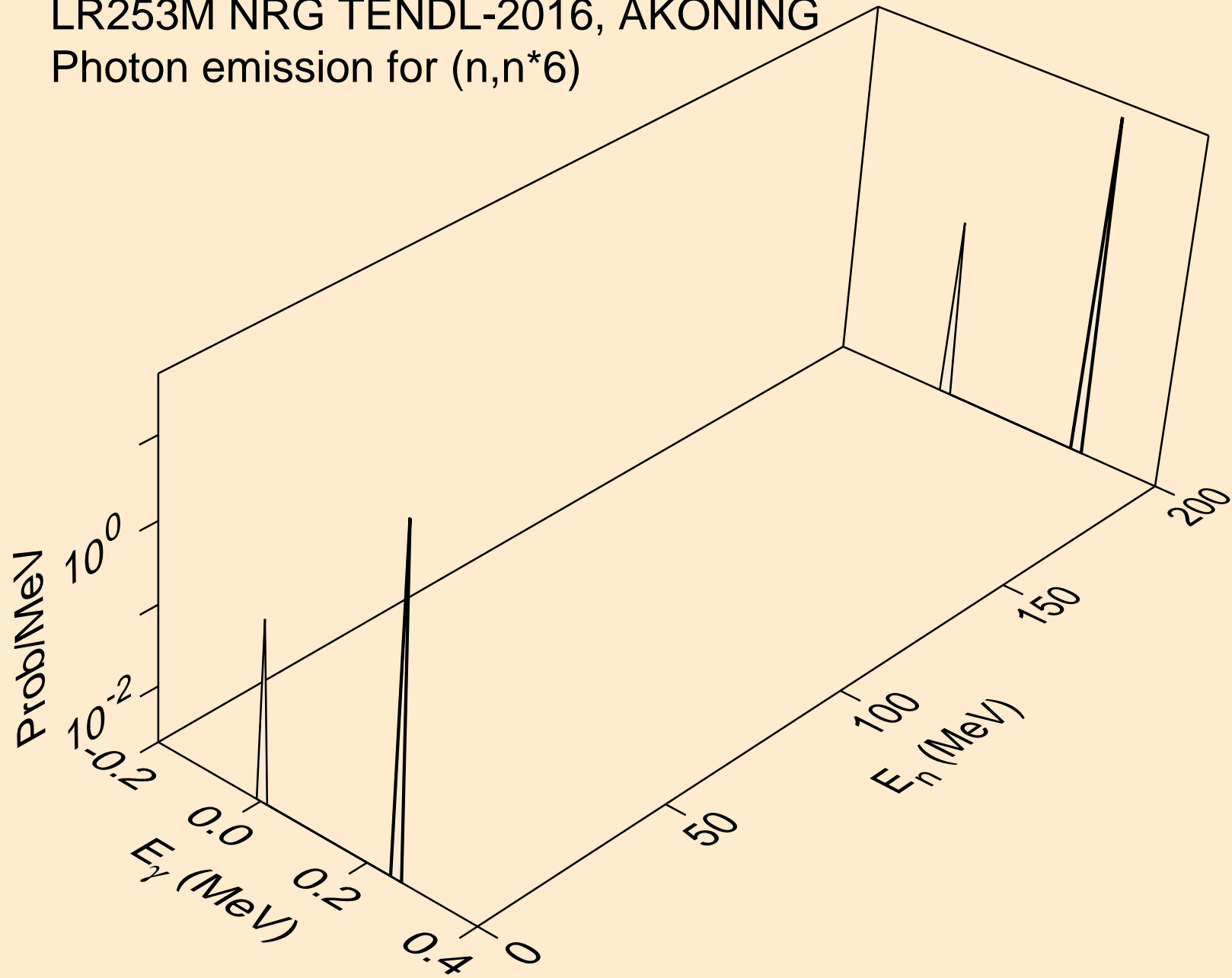
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Photon emission for (n,n\*4)



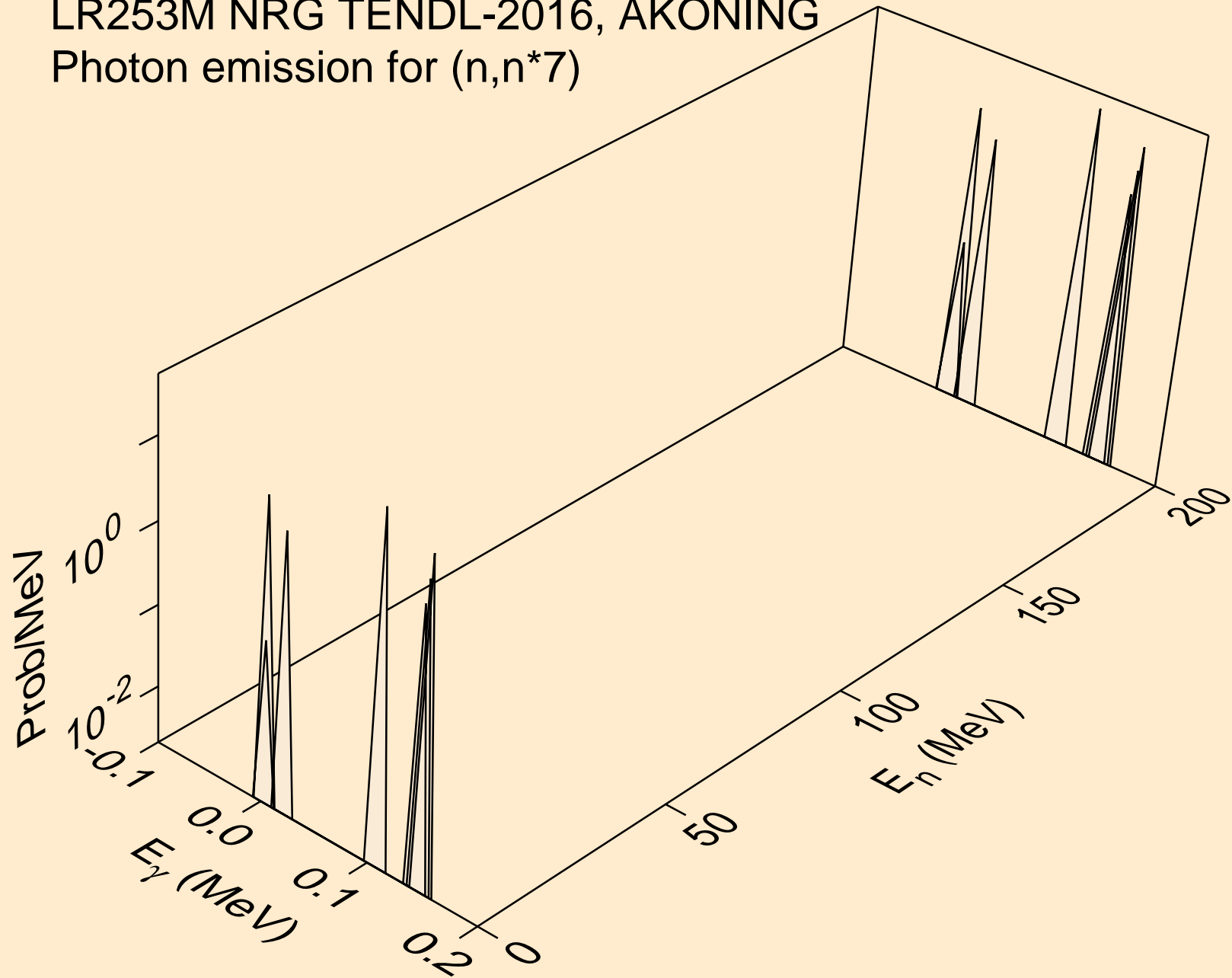
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*5)



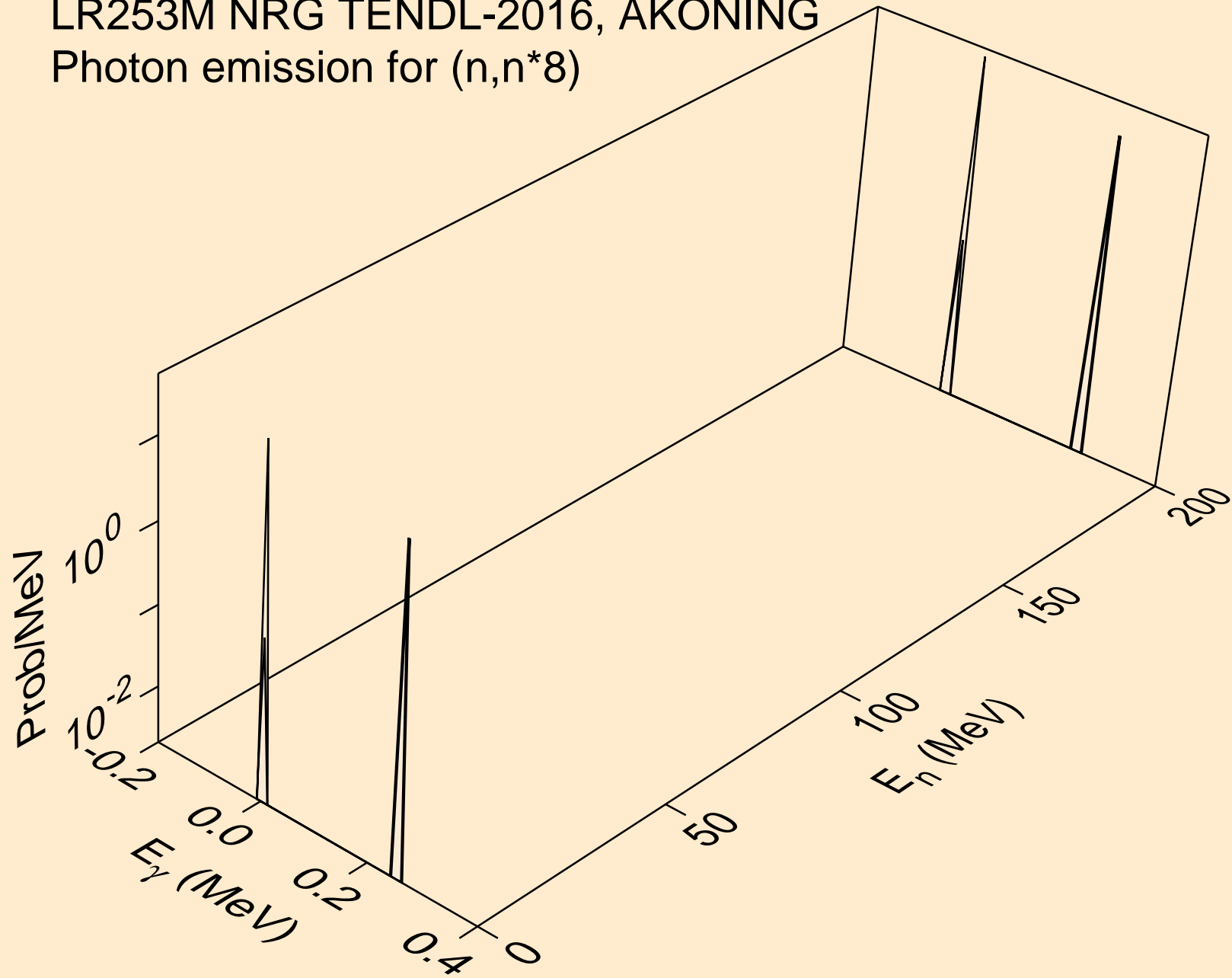
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*6)



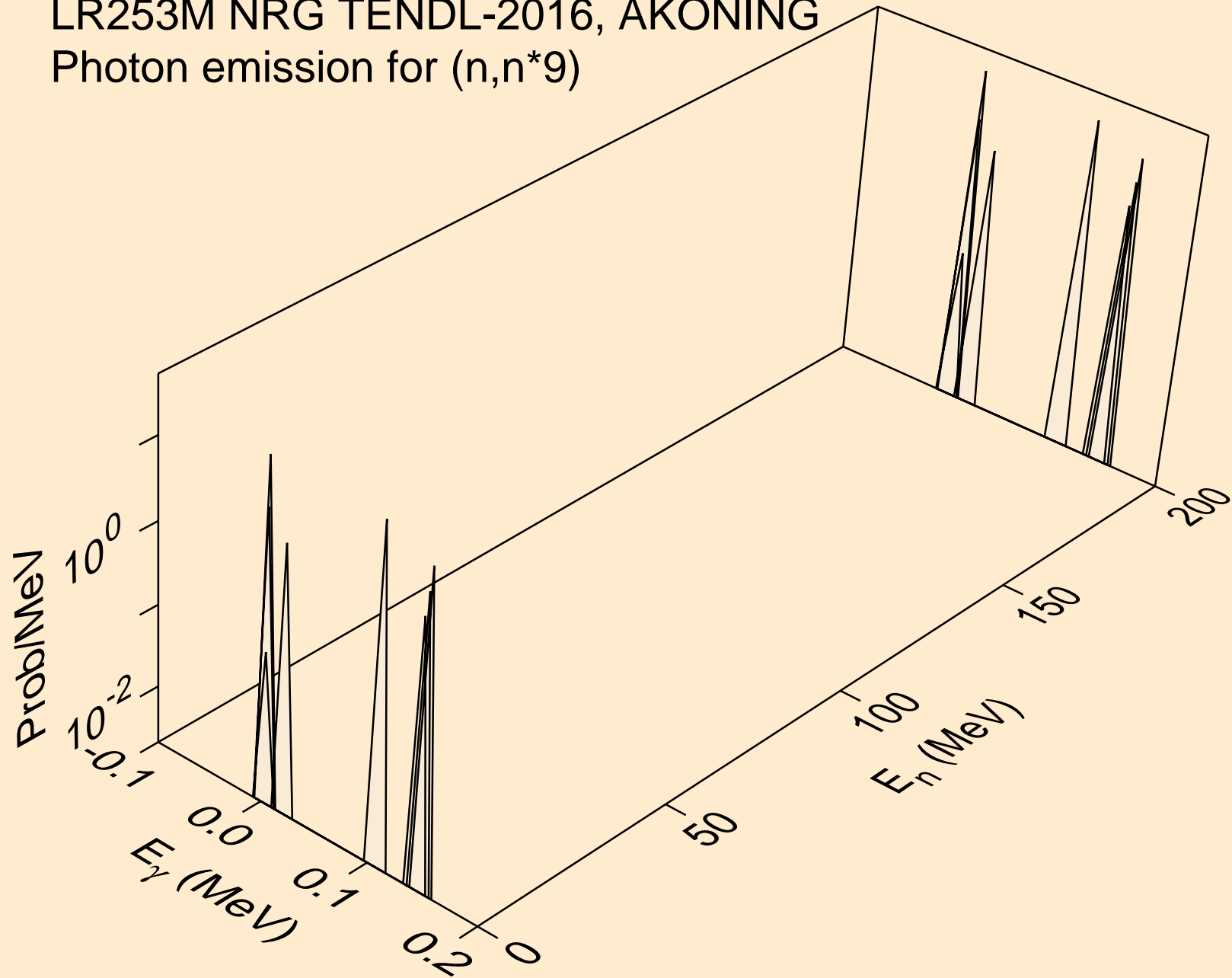
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*7)



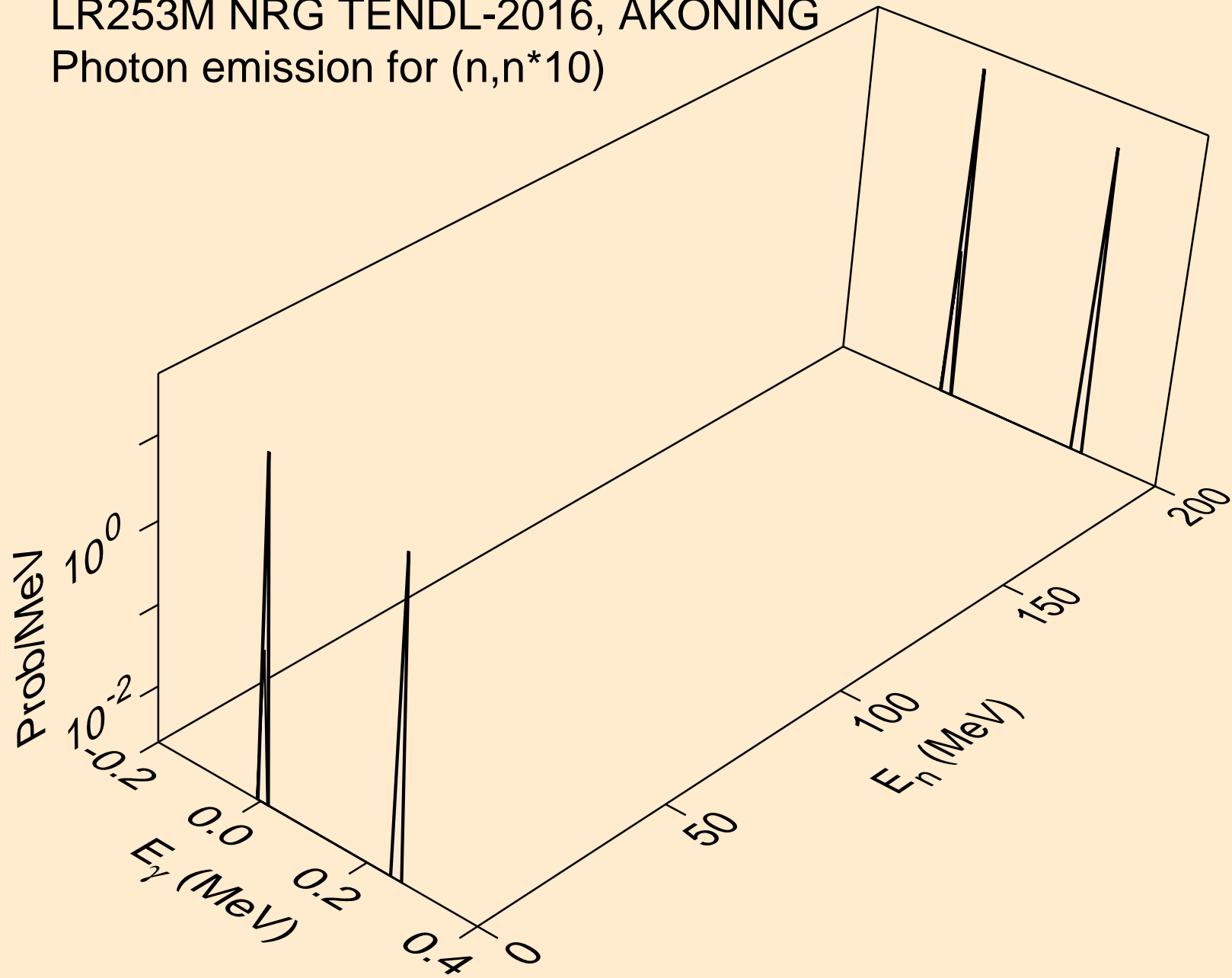
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*8)



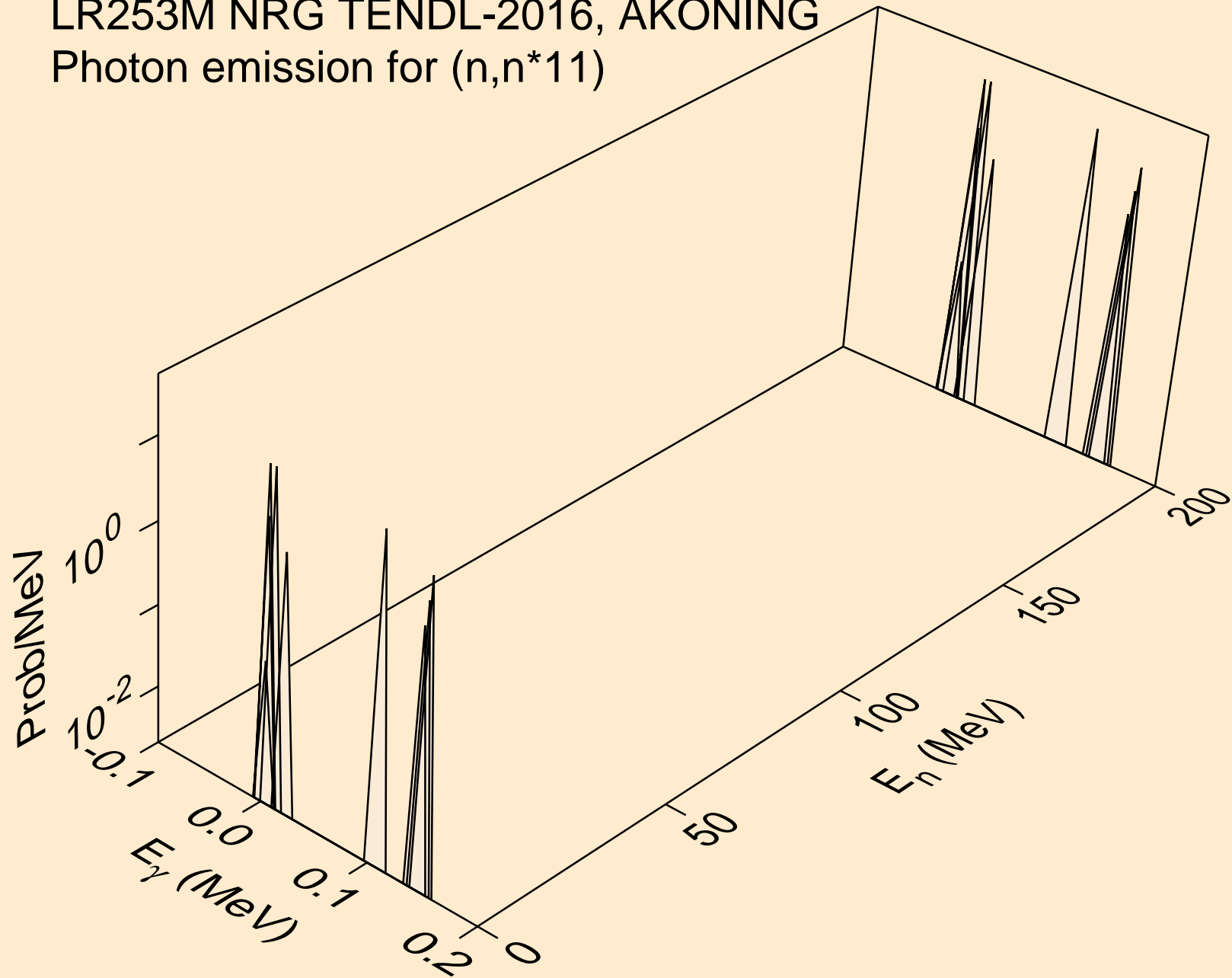
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*9)



LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*10)

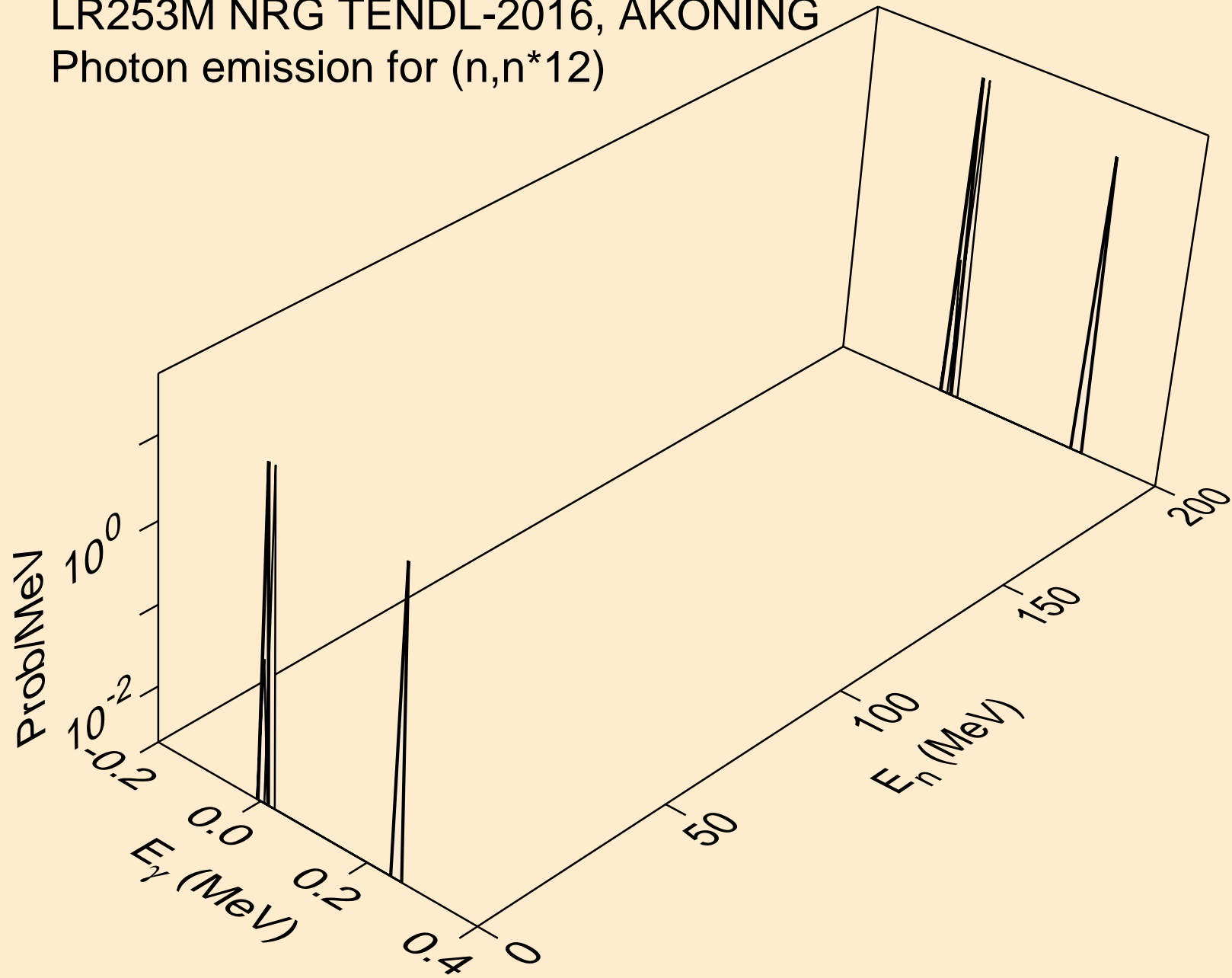


LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*11)

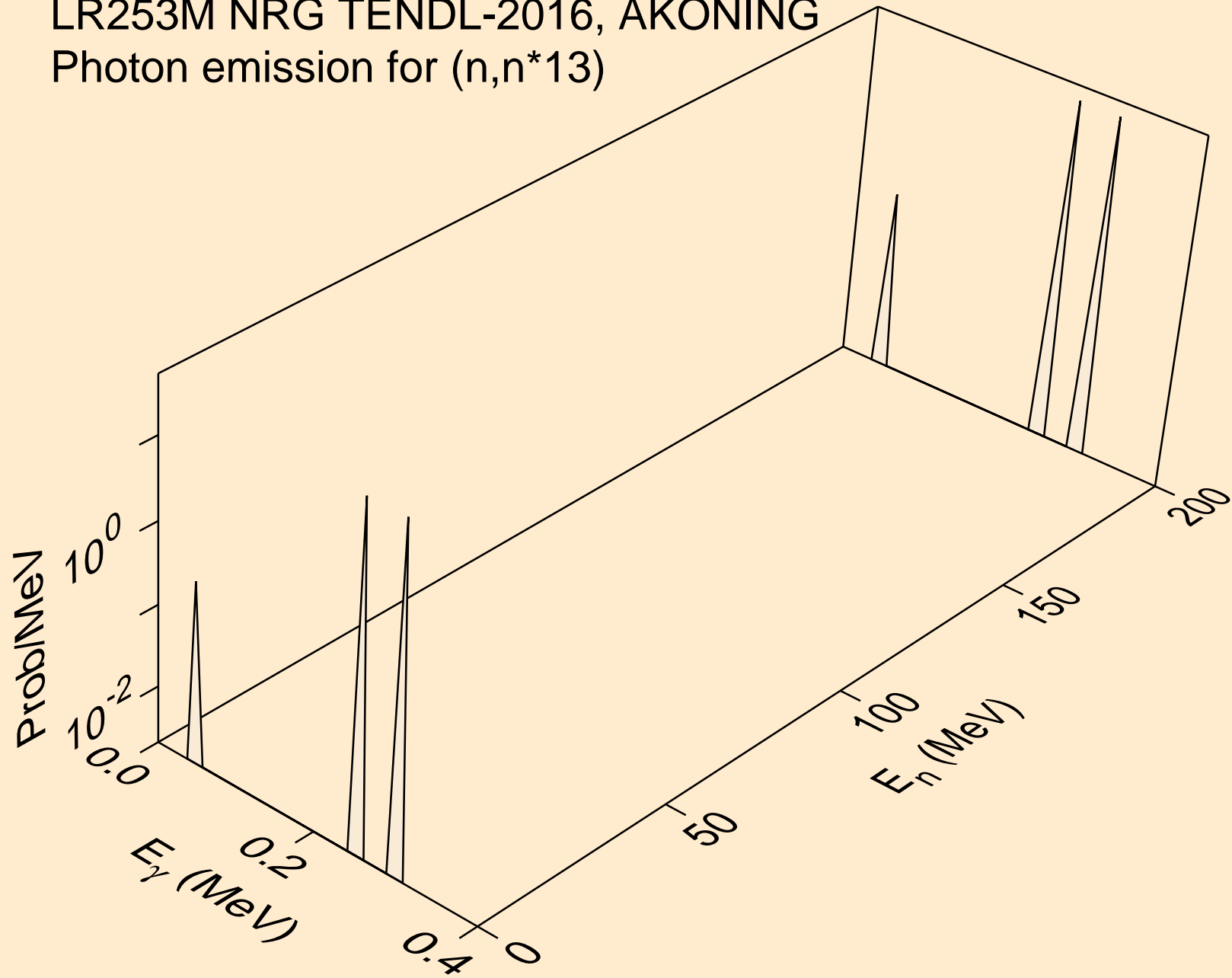




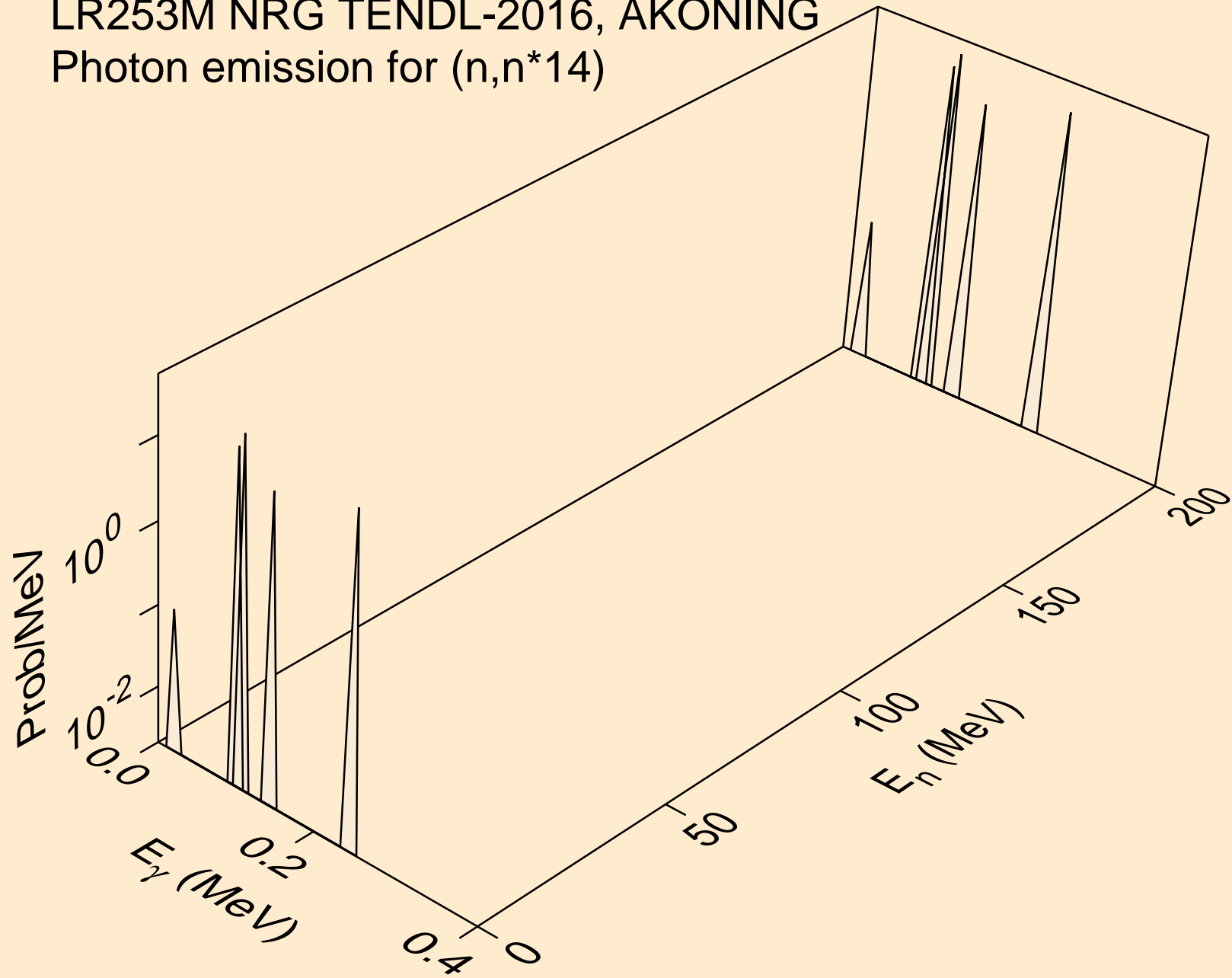
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*12)



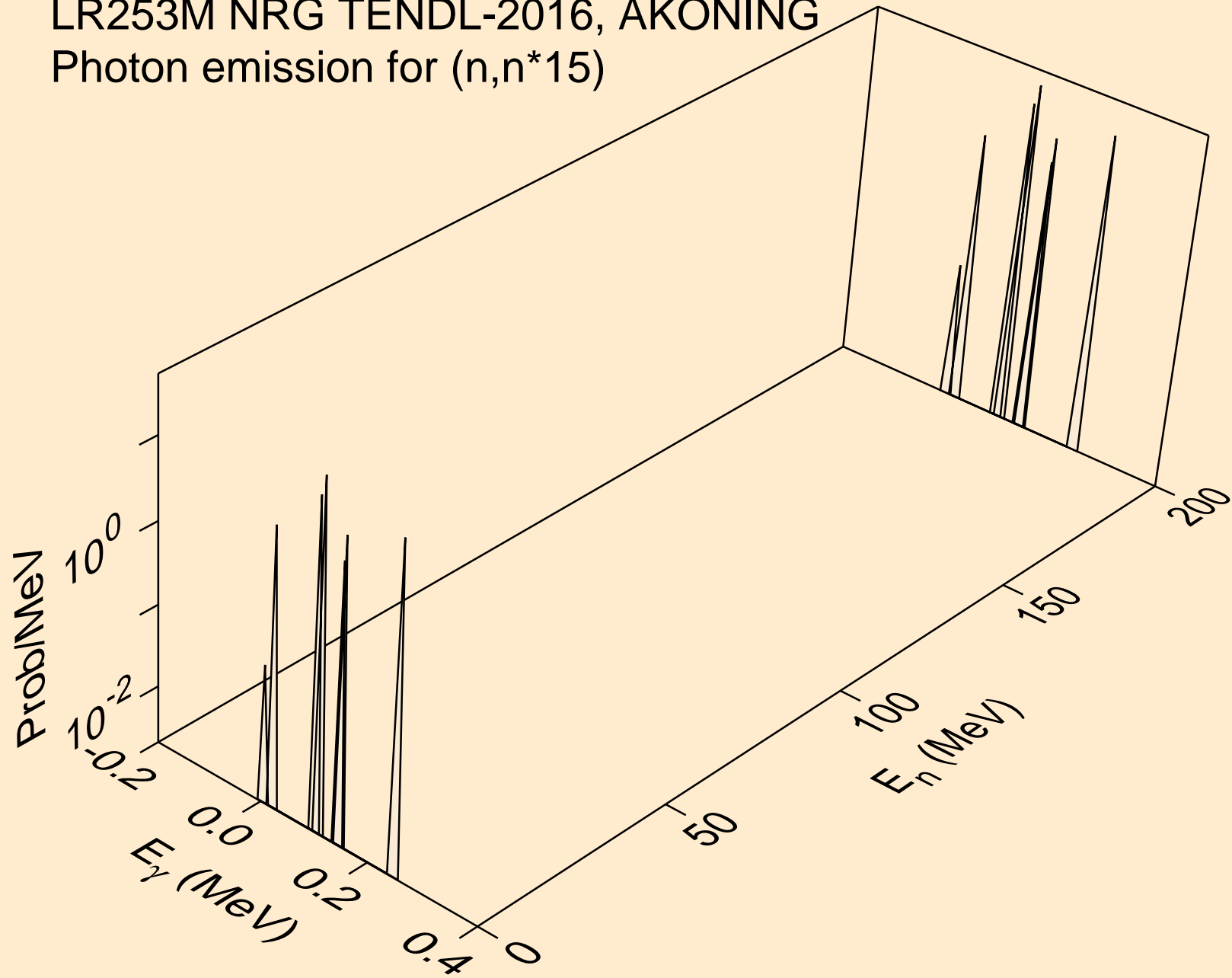
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Photon emission for (n,n\*13)



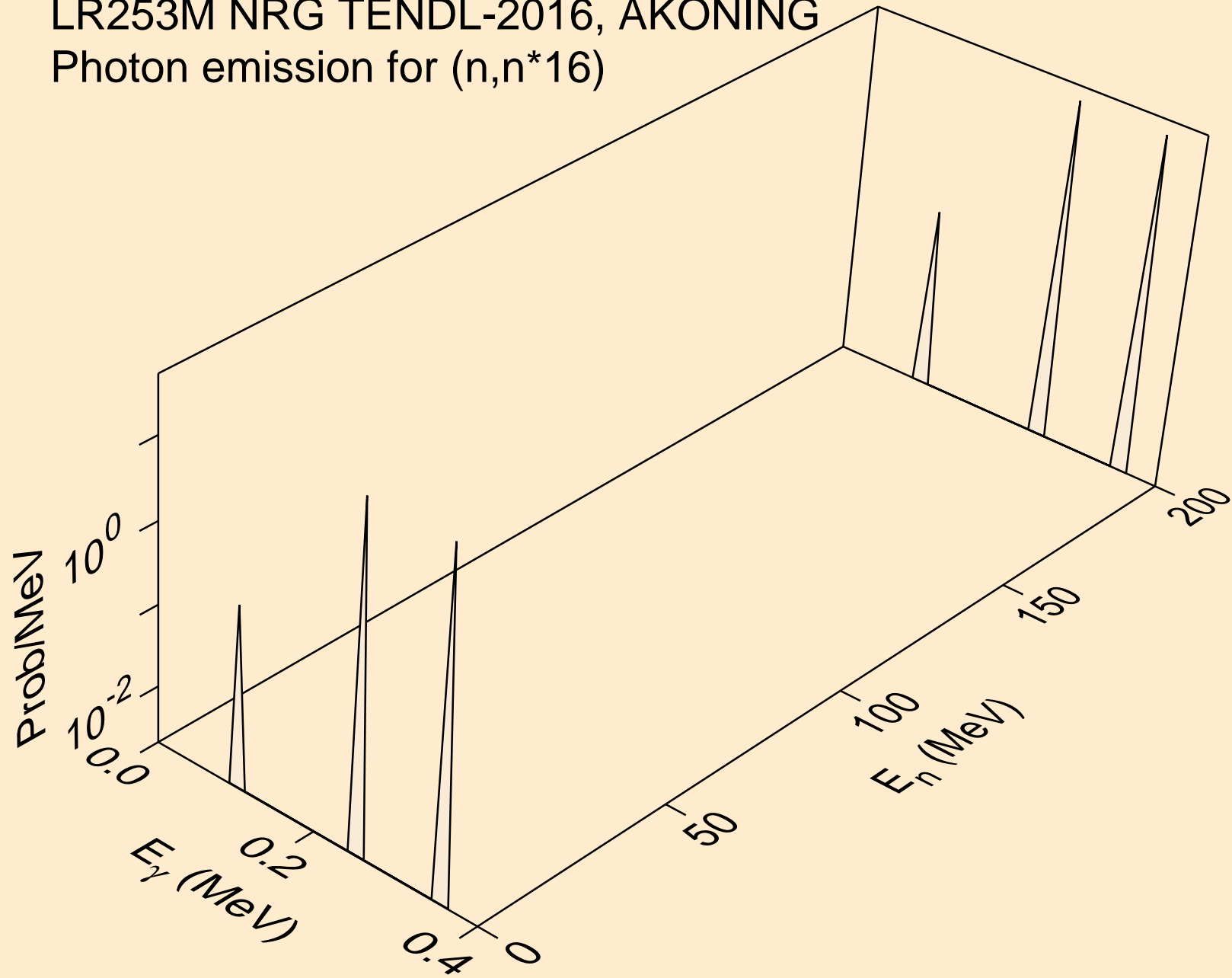
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*14)



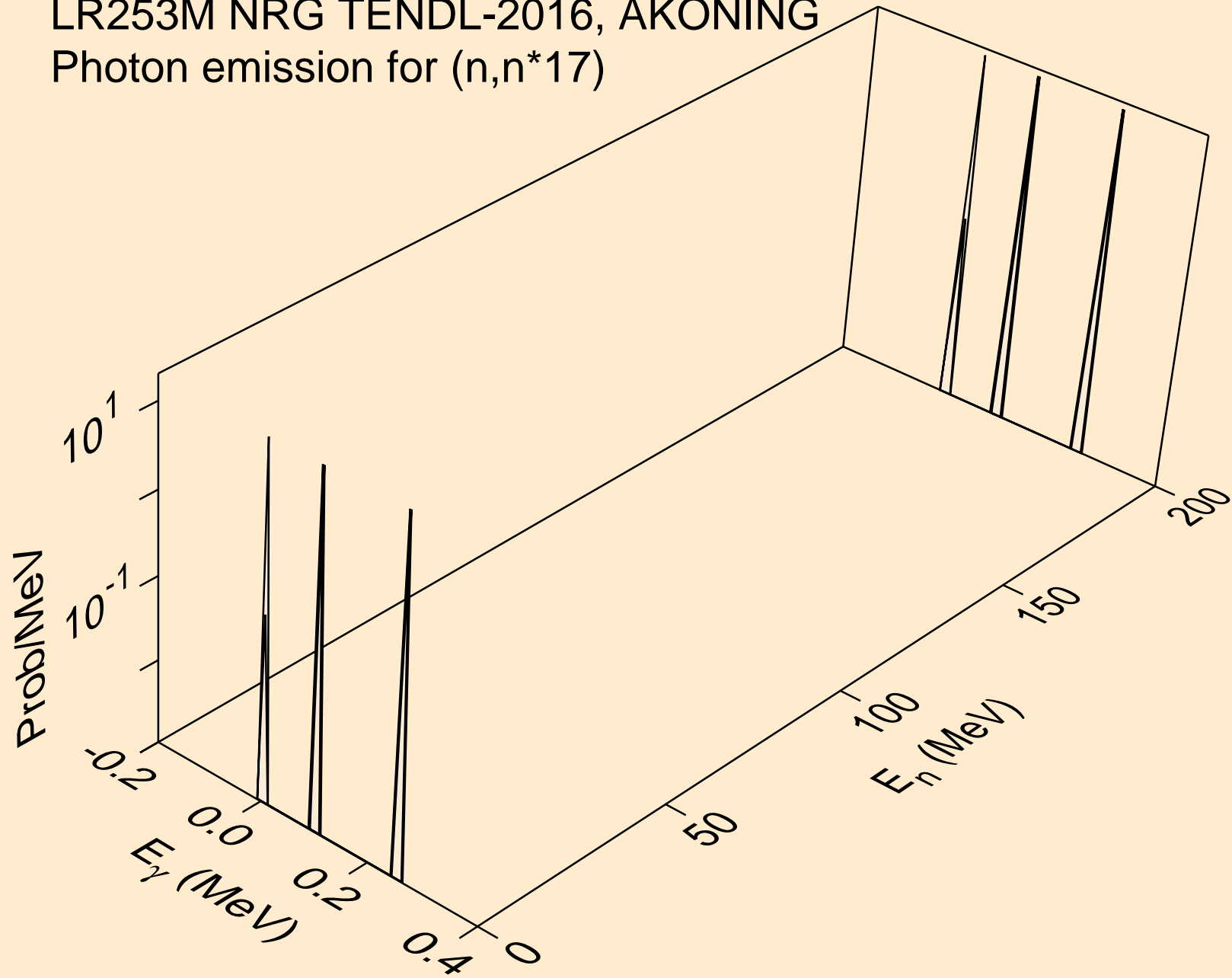
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*15)



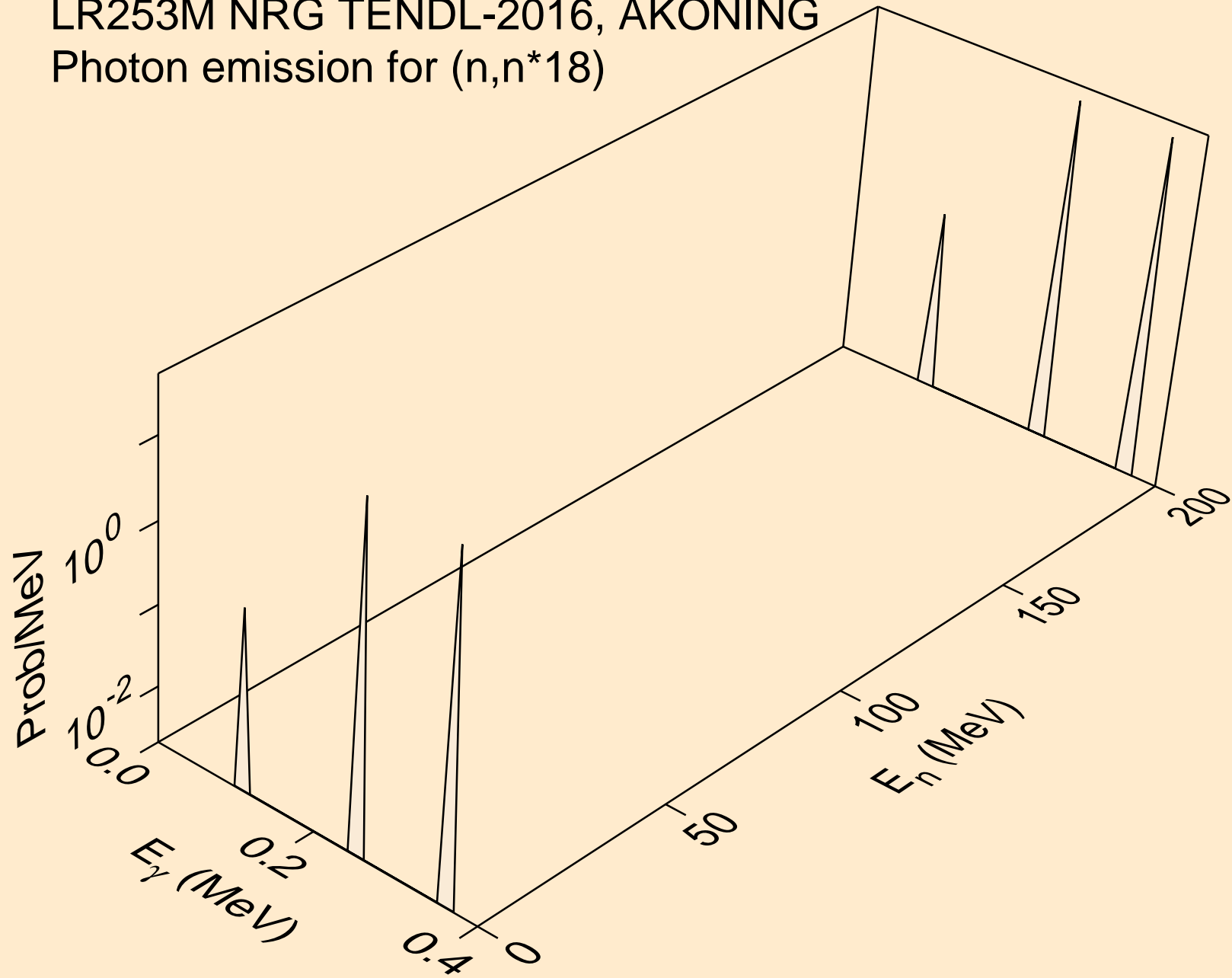
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*16)



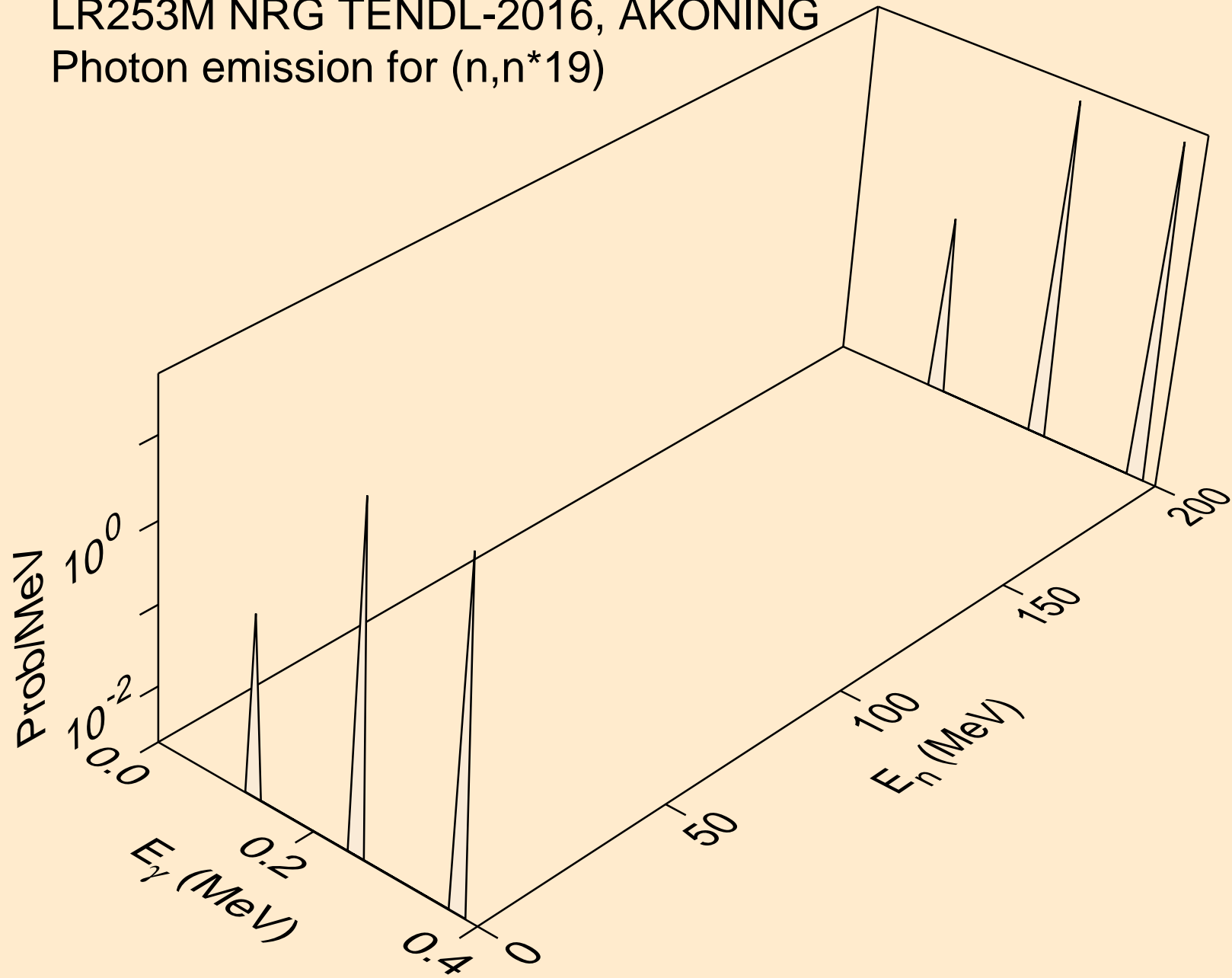
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*17)



LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*18)

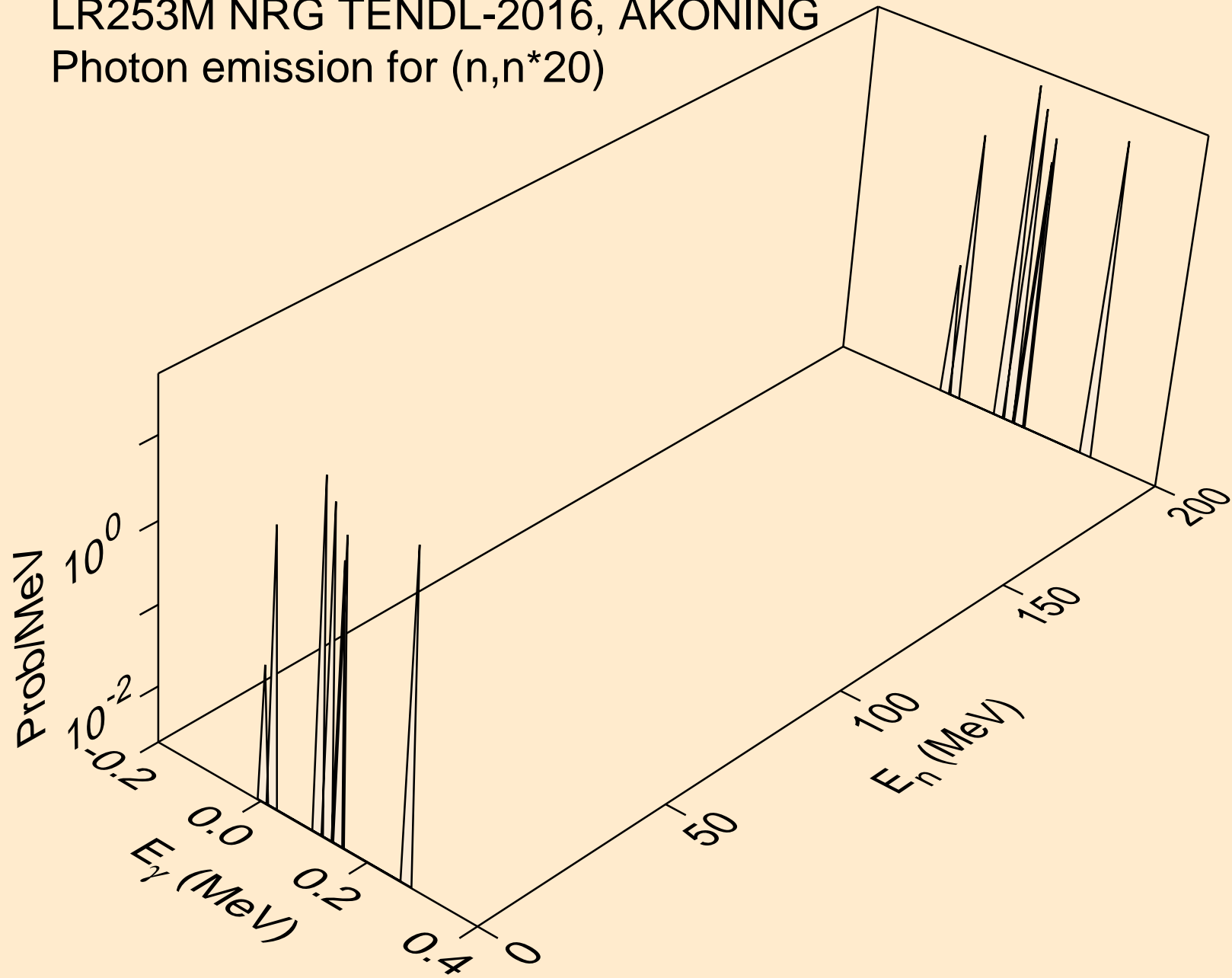


LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*19)

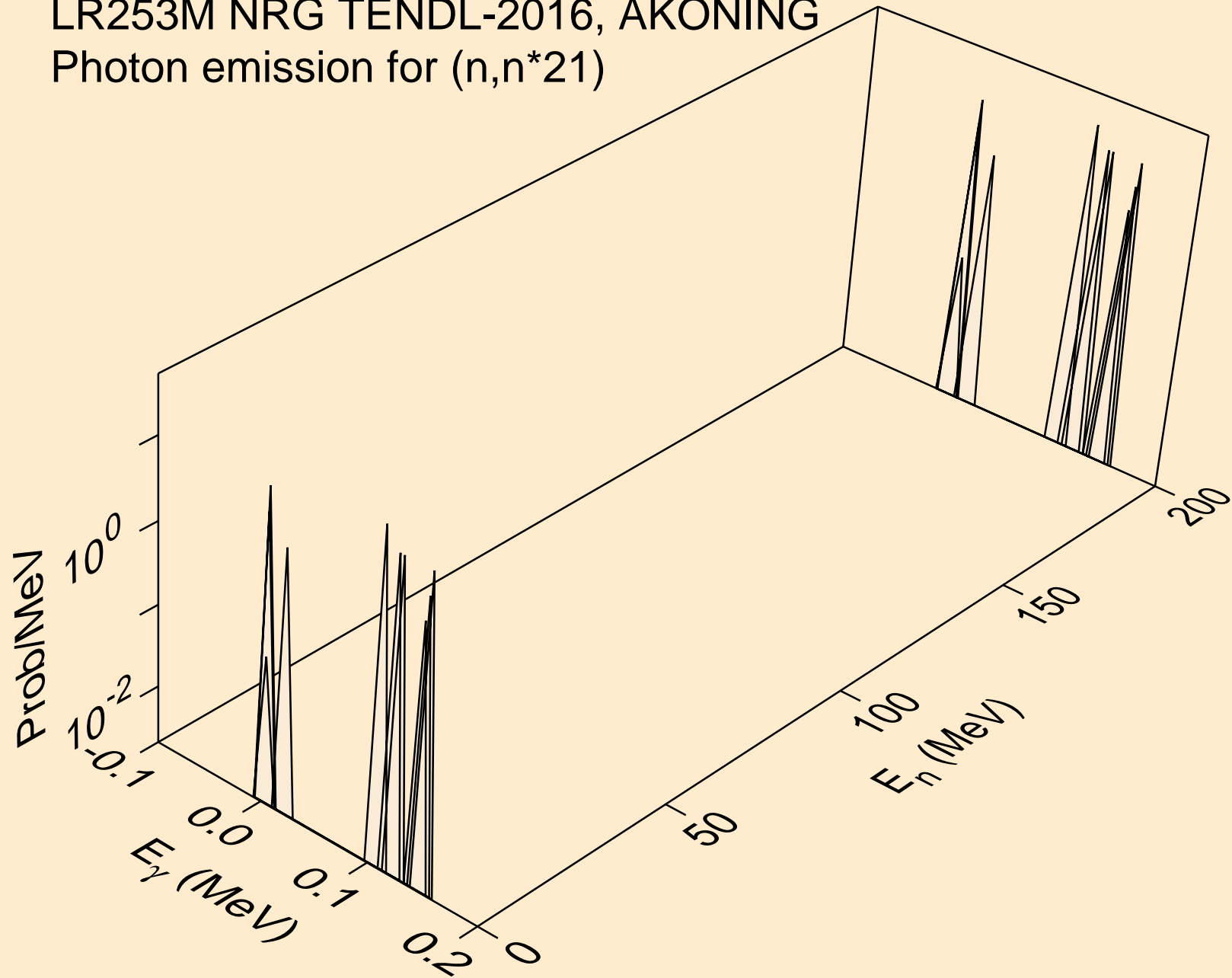




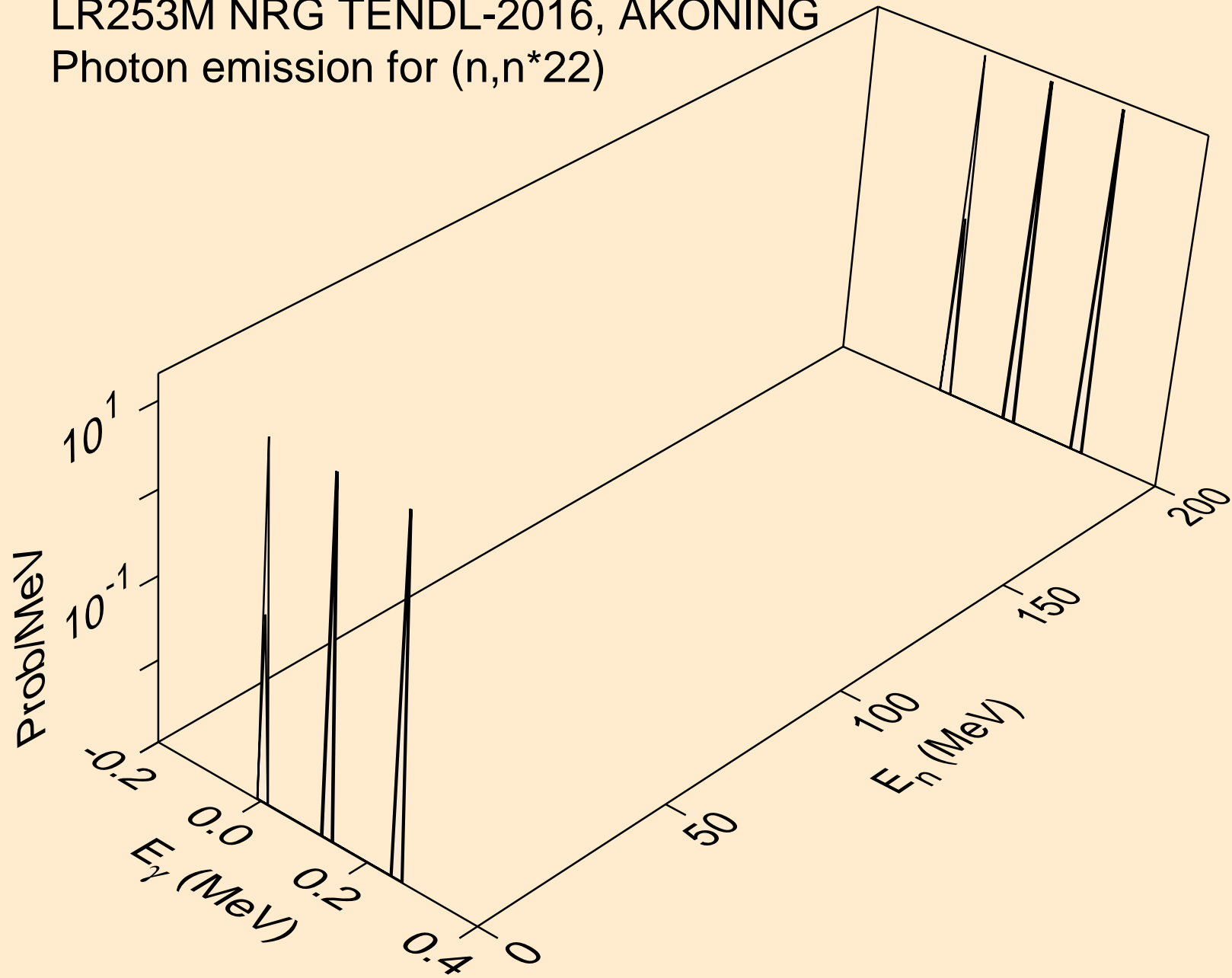
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*20)



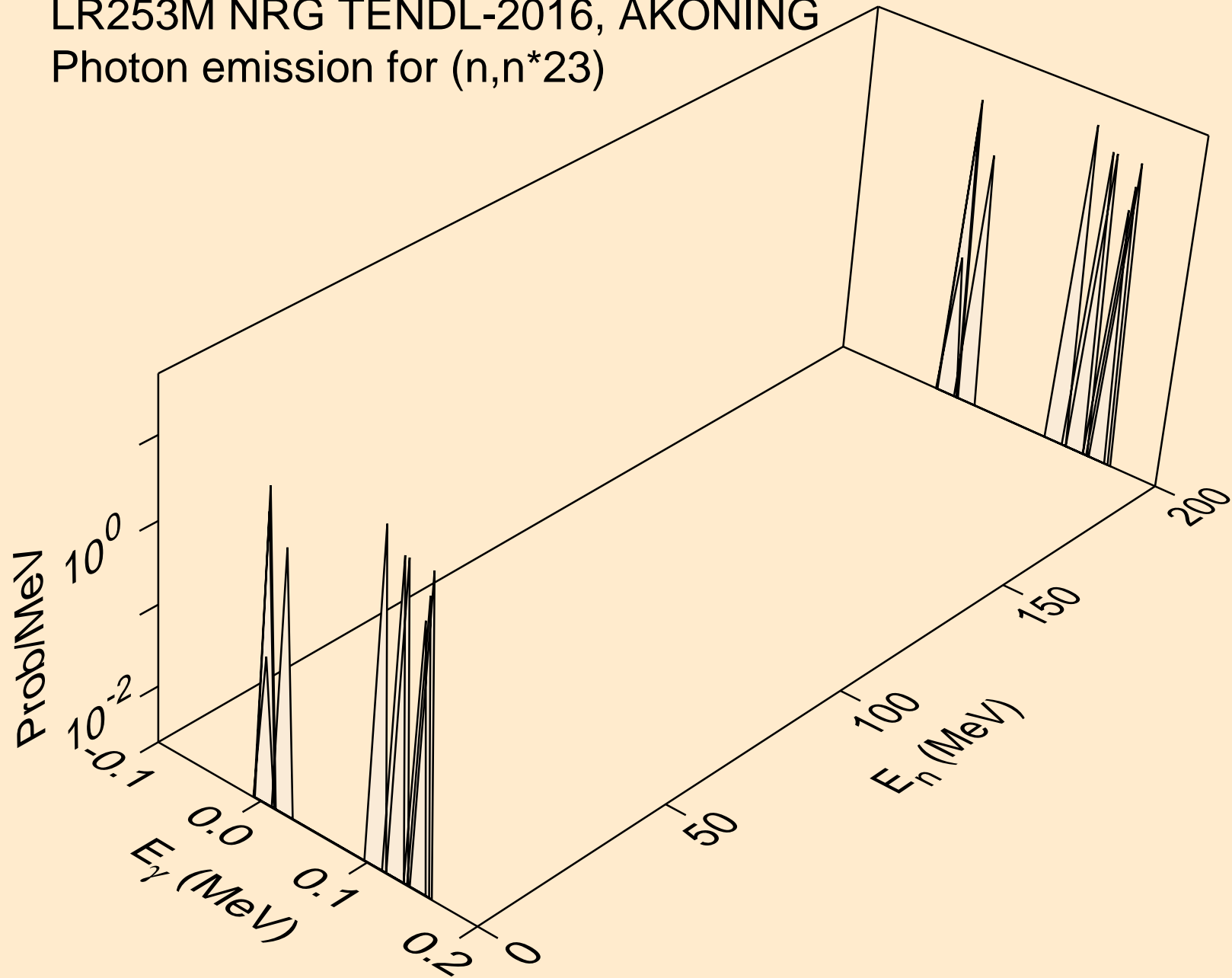
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*21)



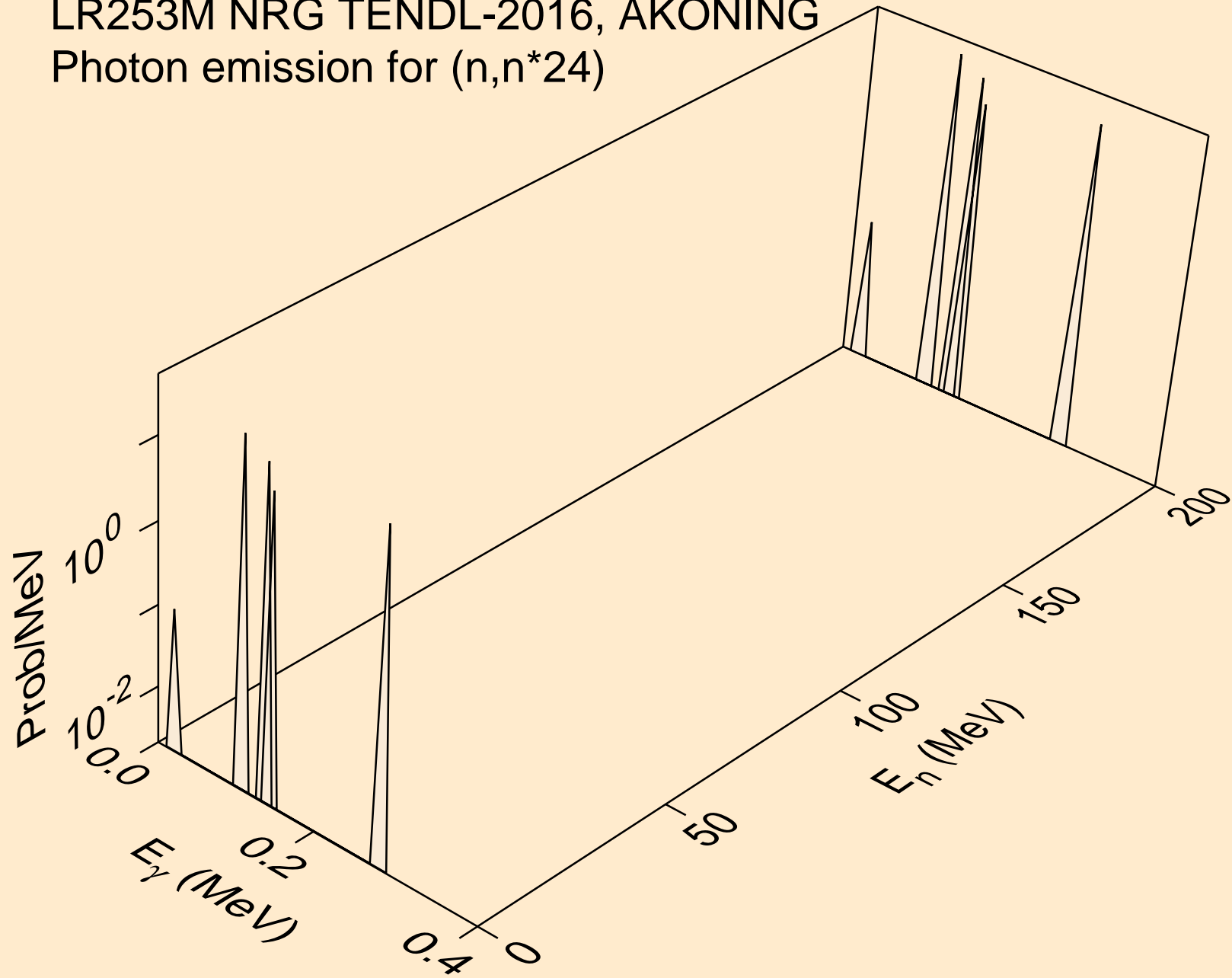
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*22)



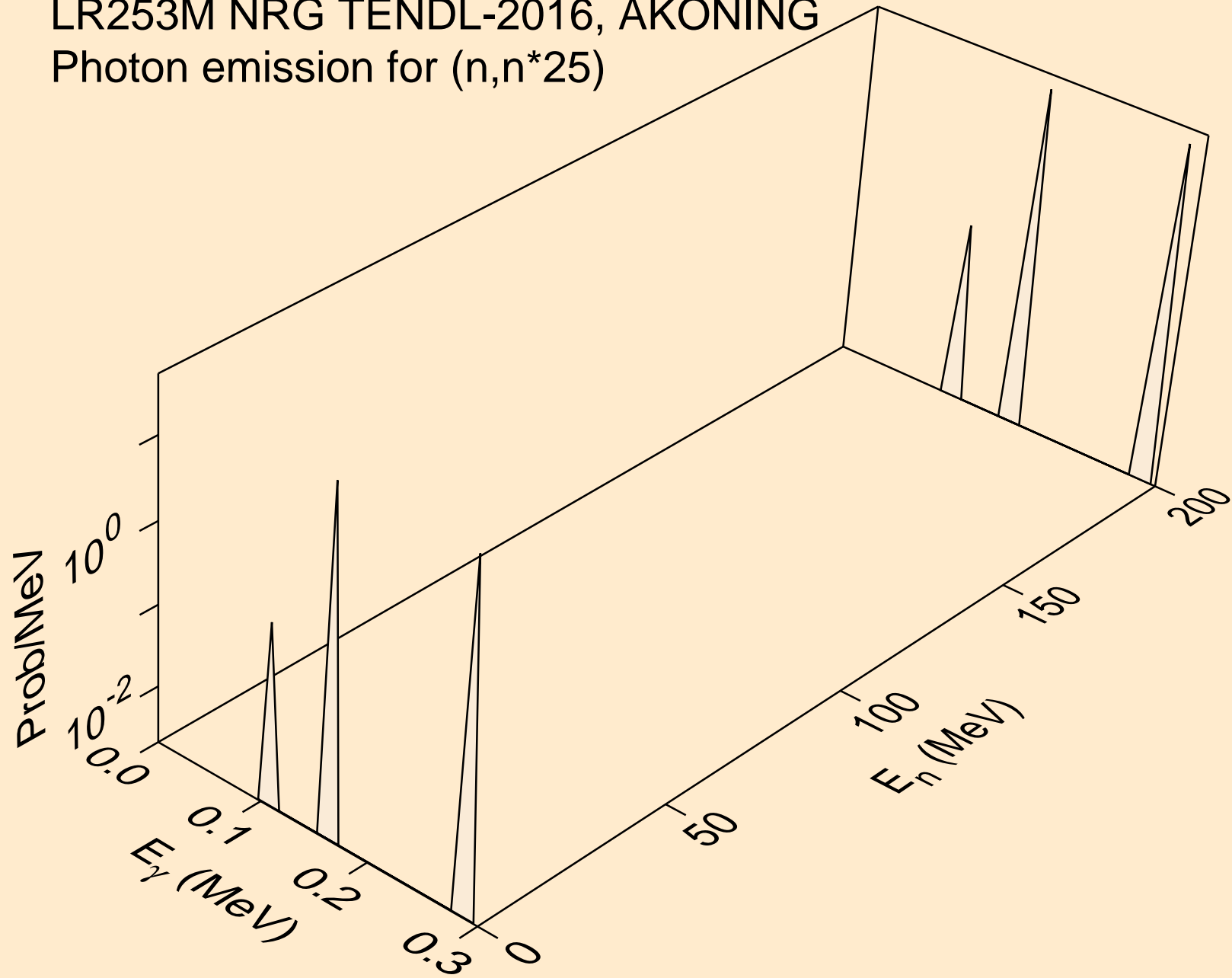
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Photon emission for (n,n\*23)



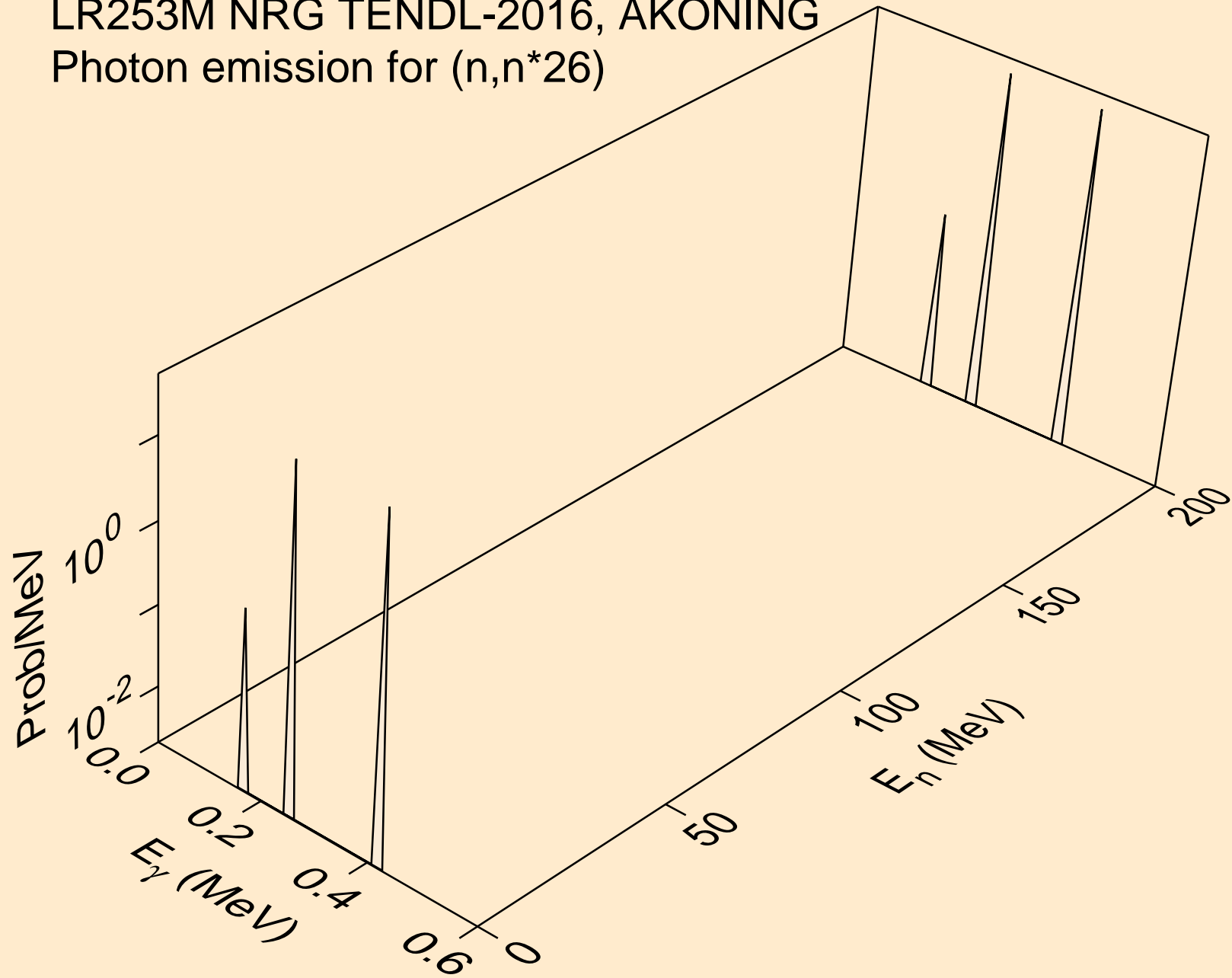
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*24)



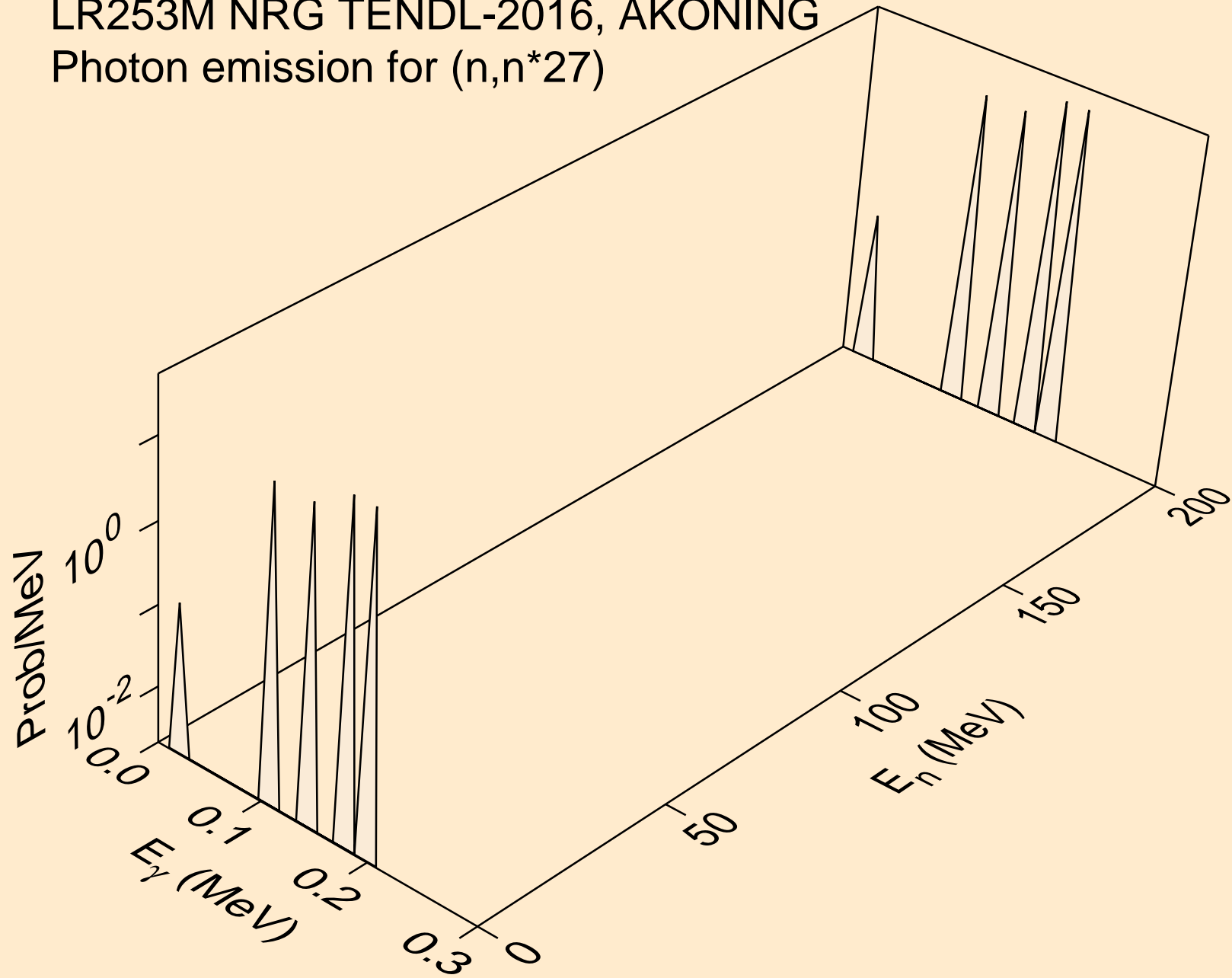
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*25)



LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*26)

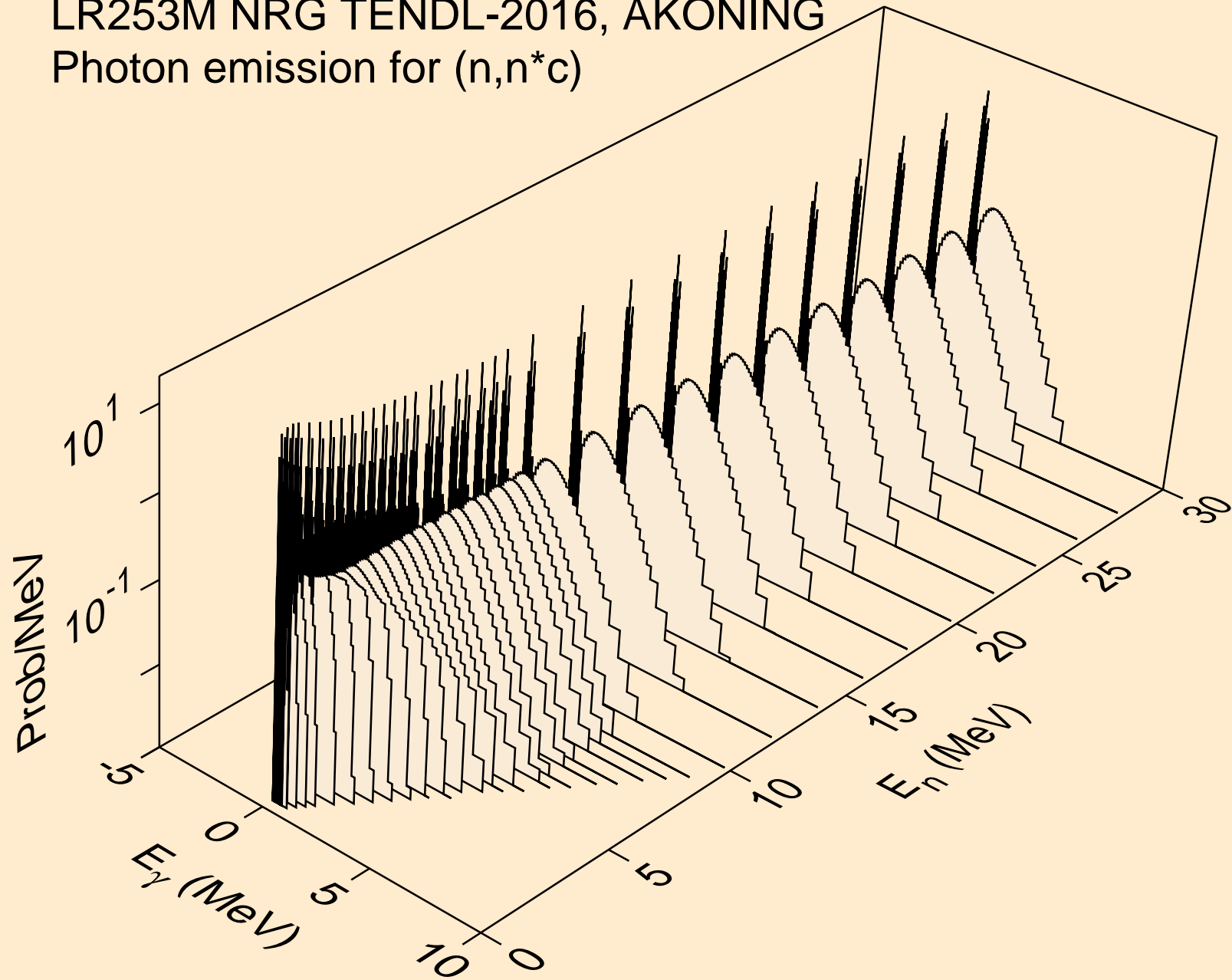


LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*27)

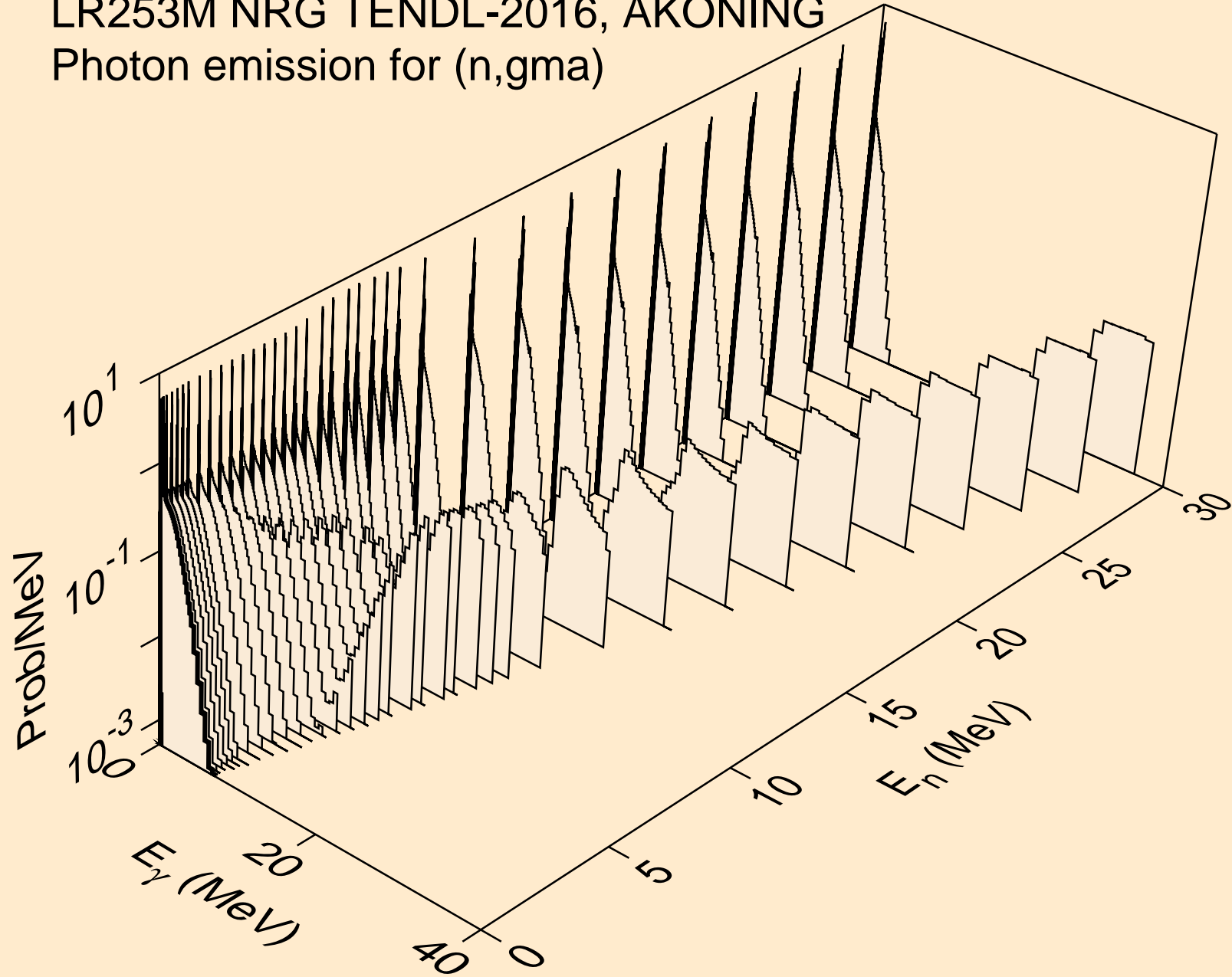




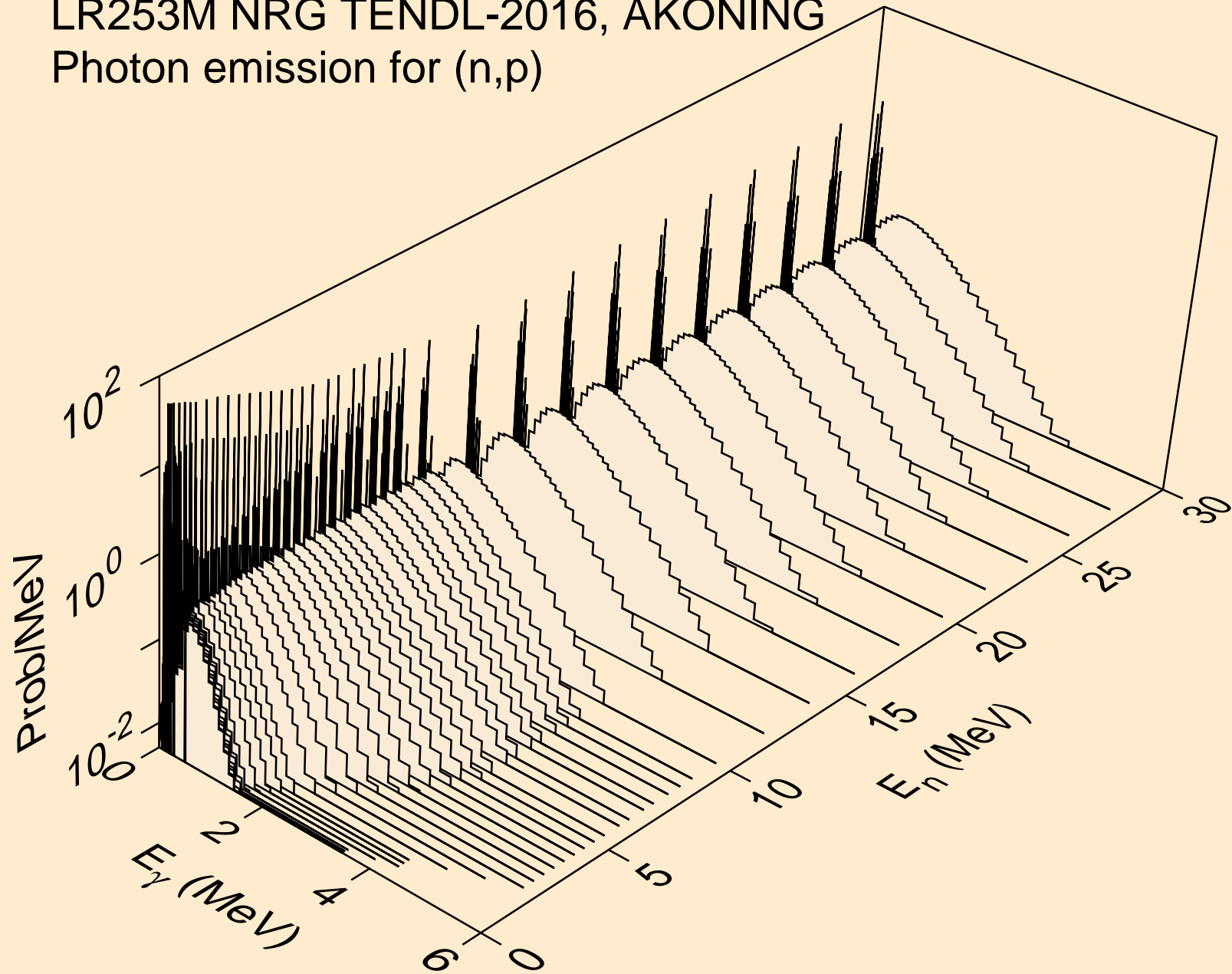
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,n\*c)



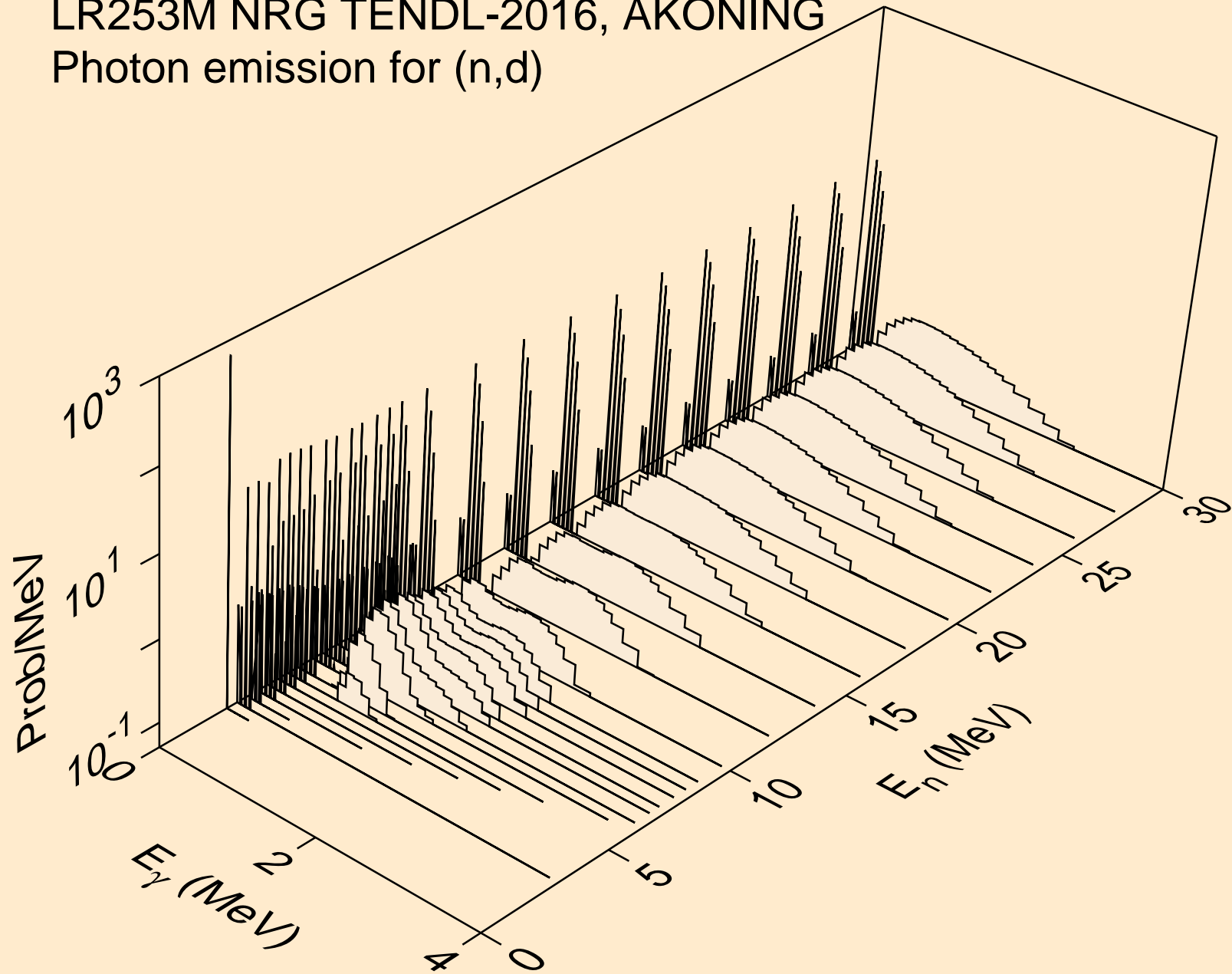
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,gma)



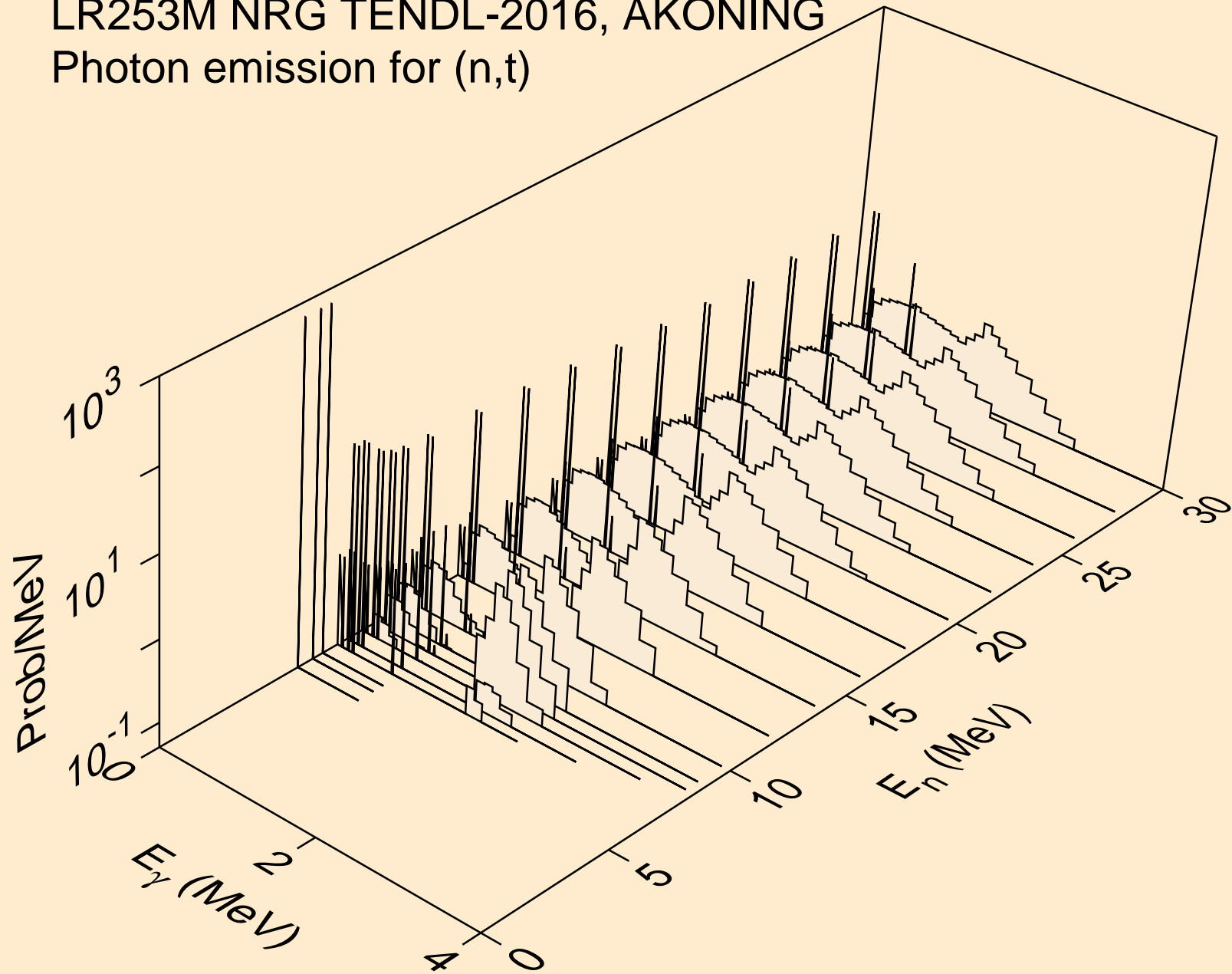
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,p)



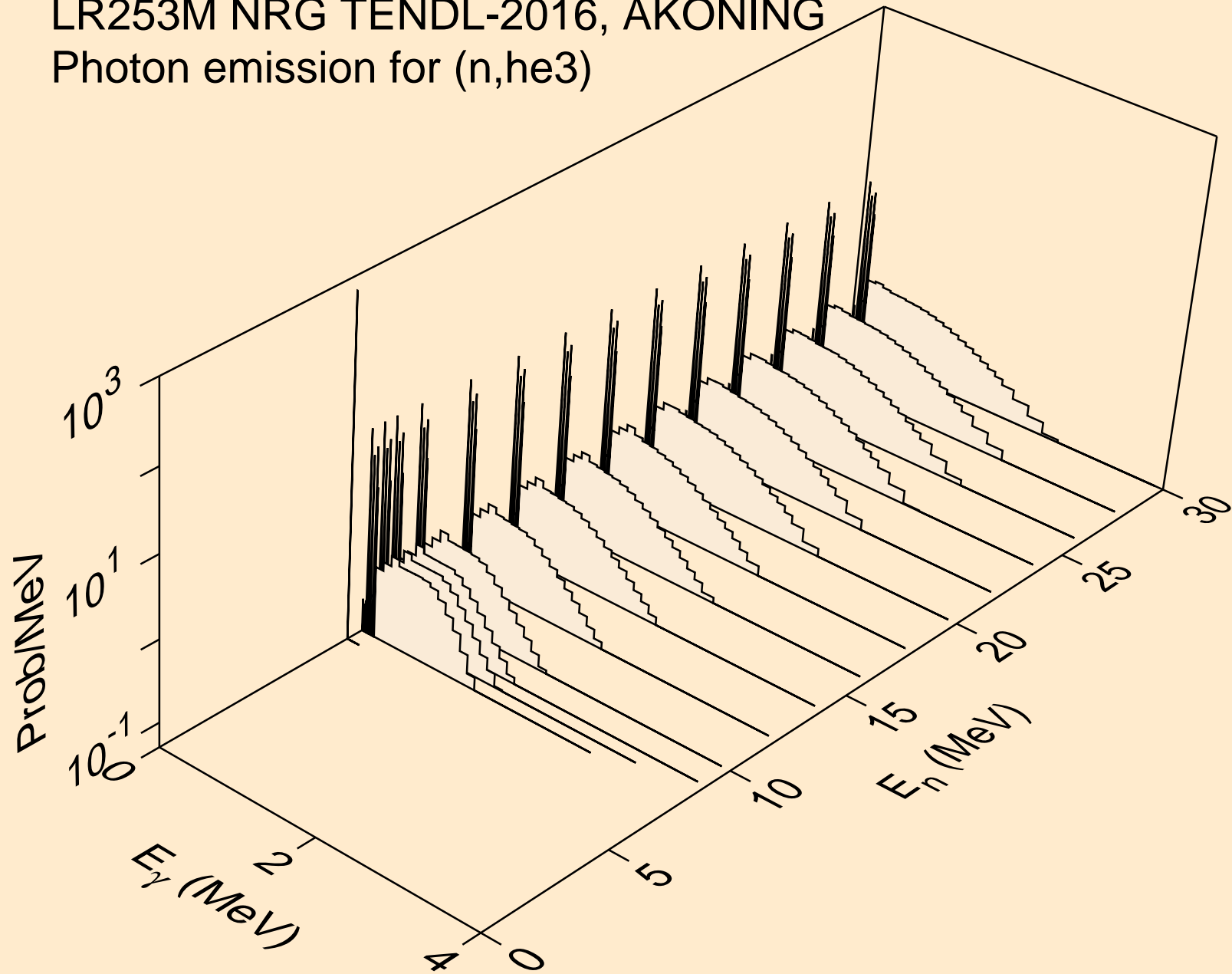
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,d)



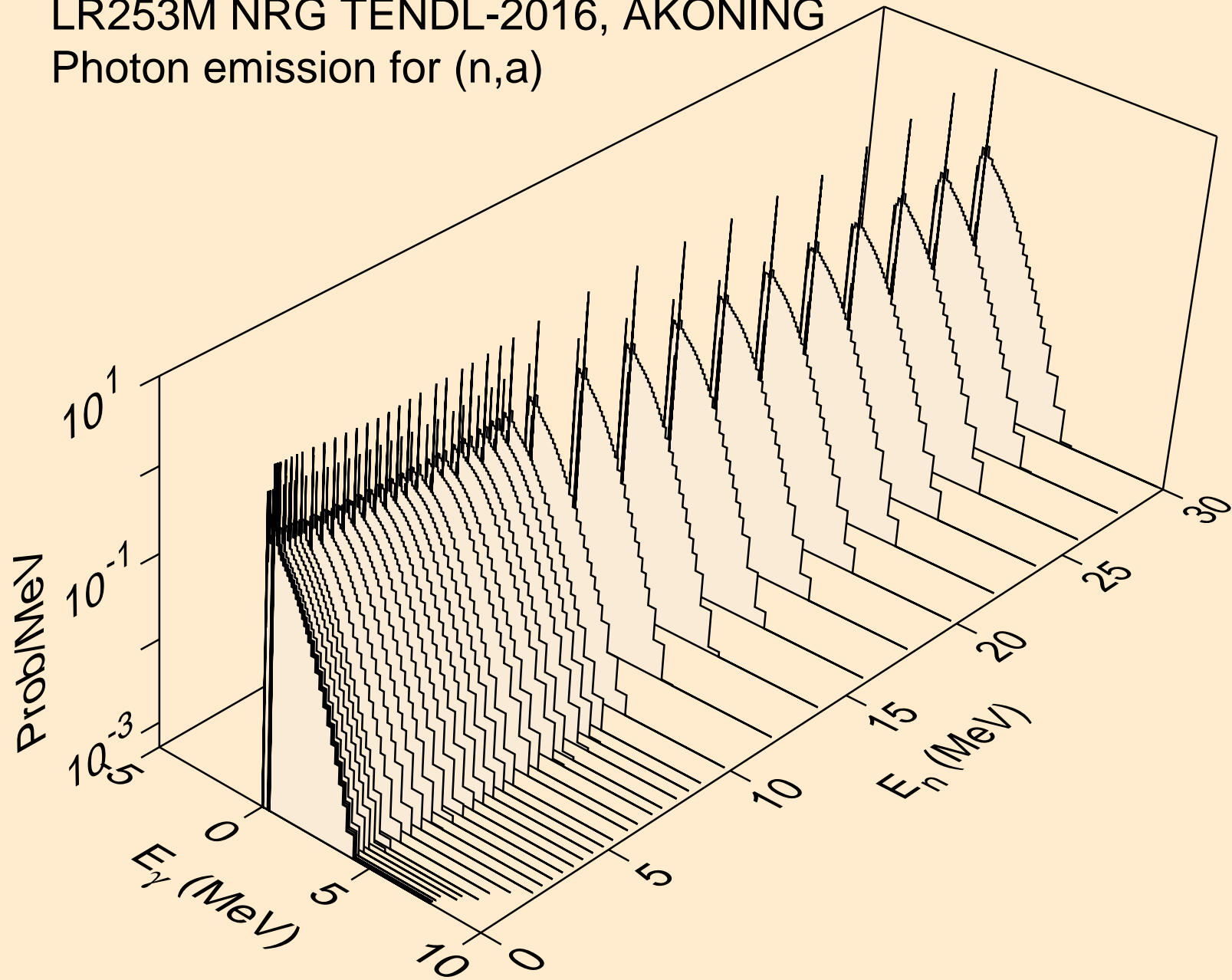
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,t)



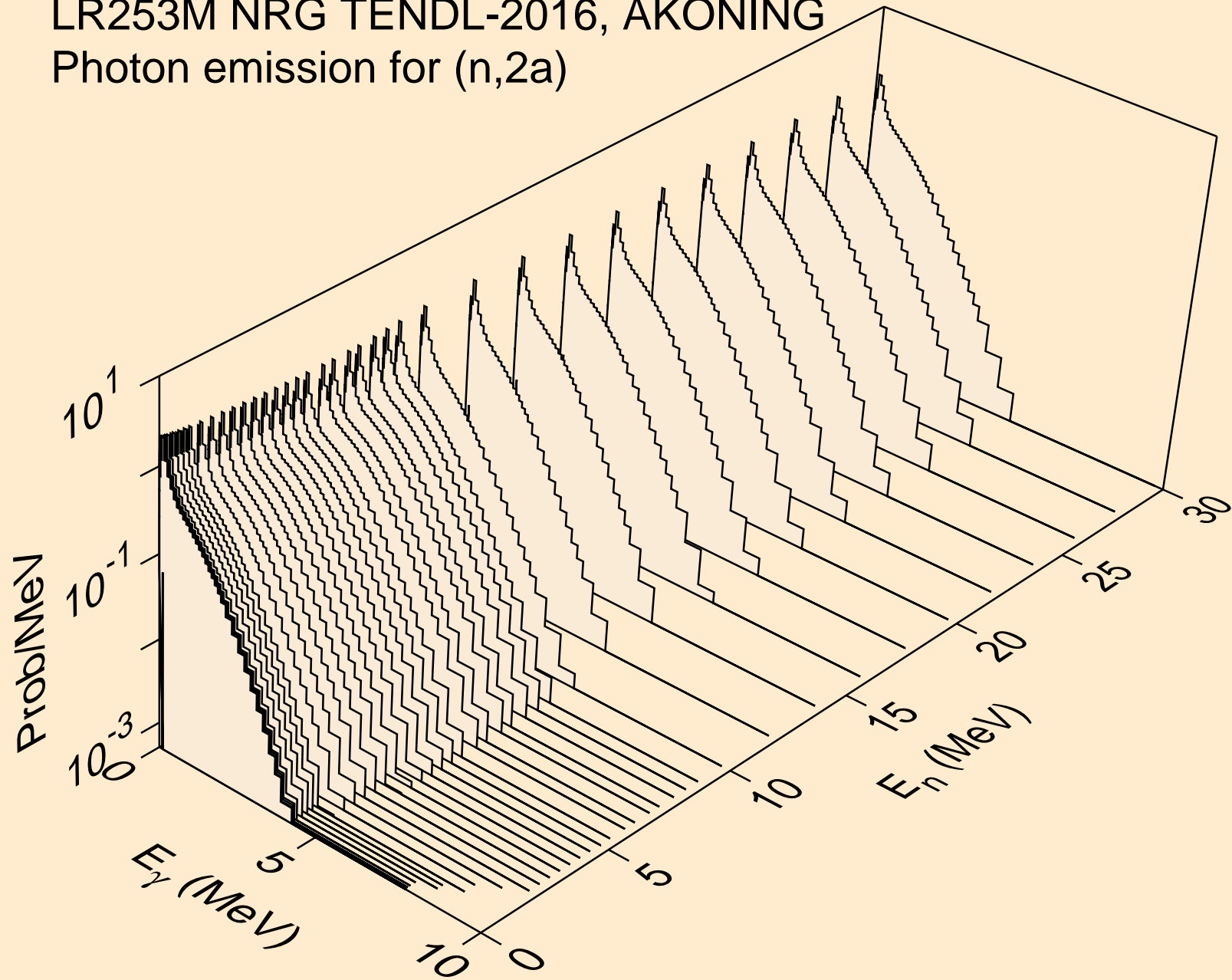
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,he3)



LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,a)

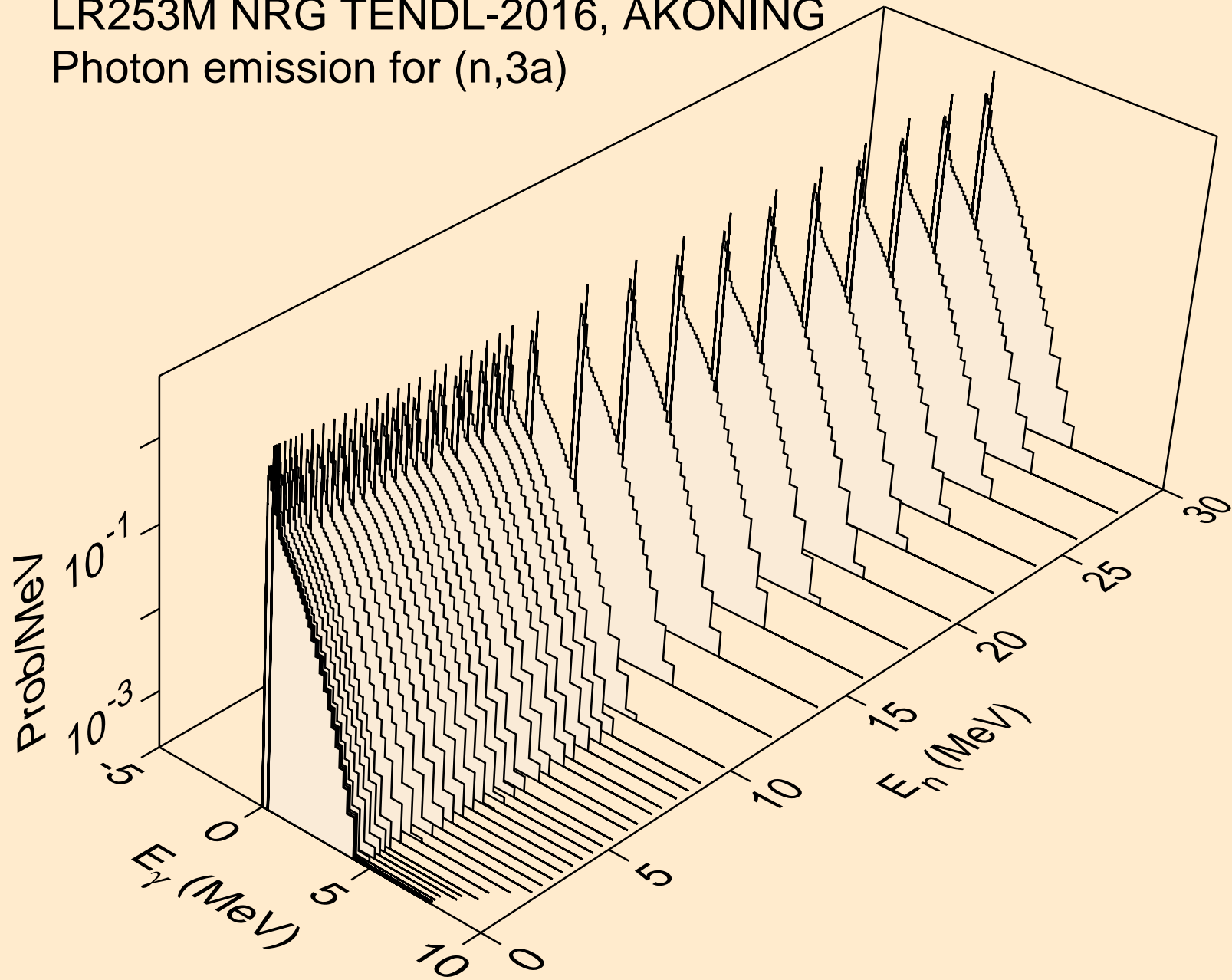


LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,2a)

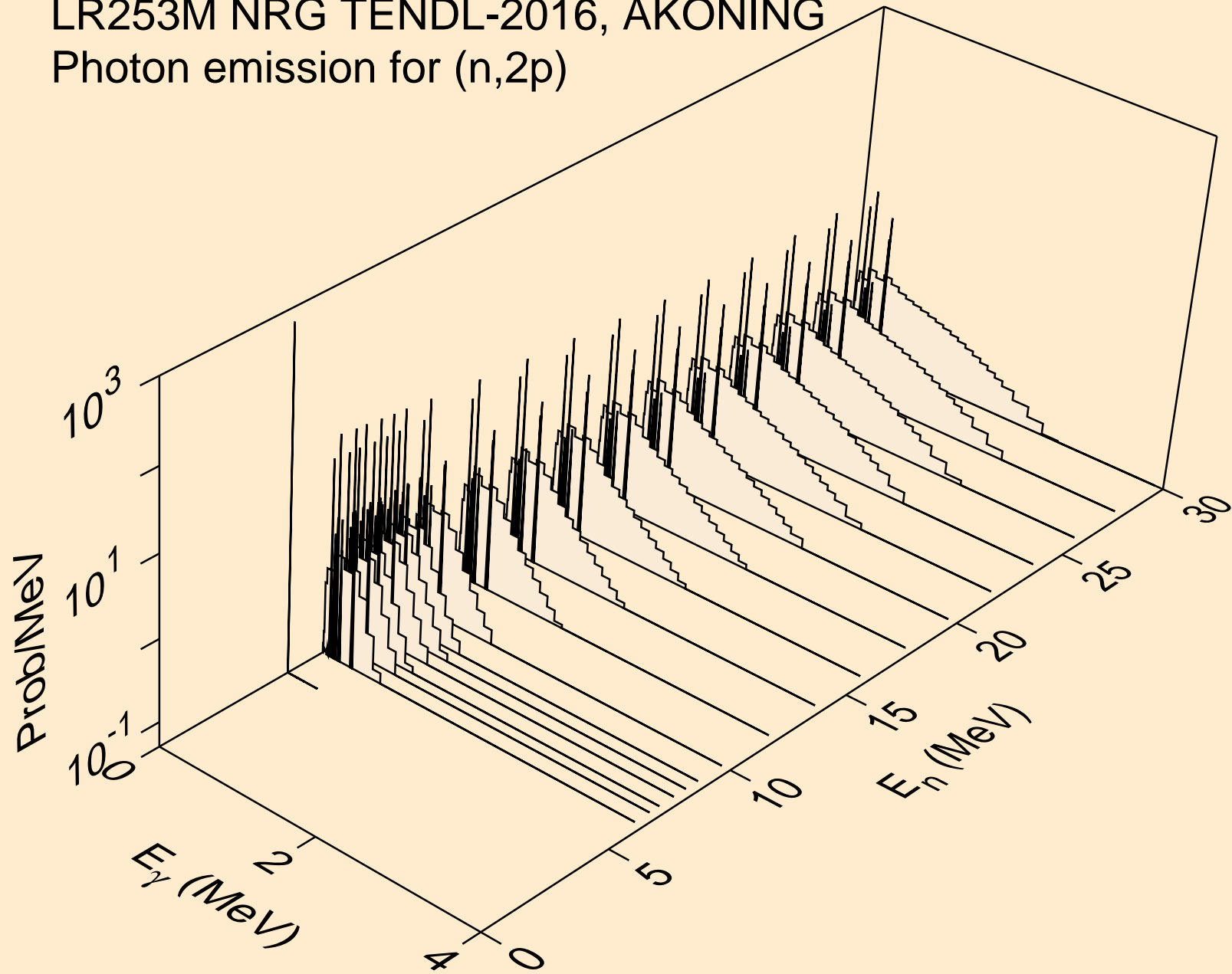




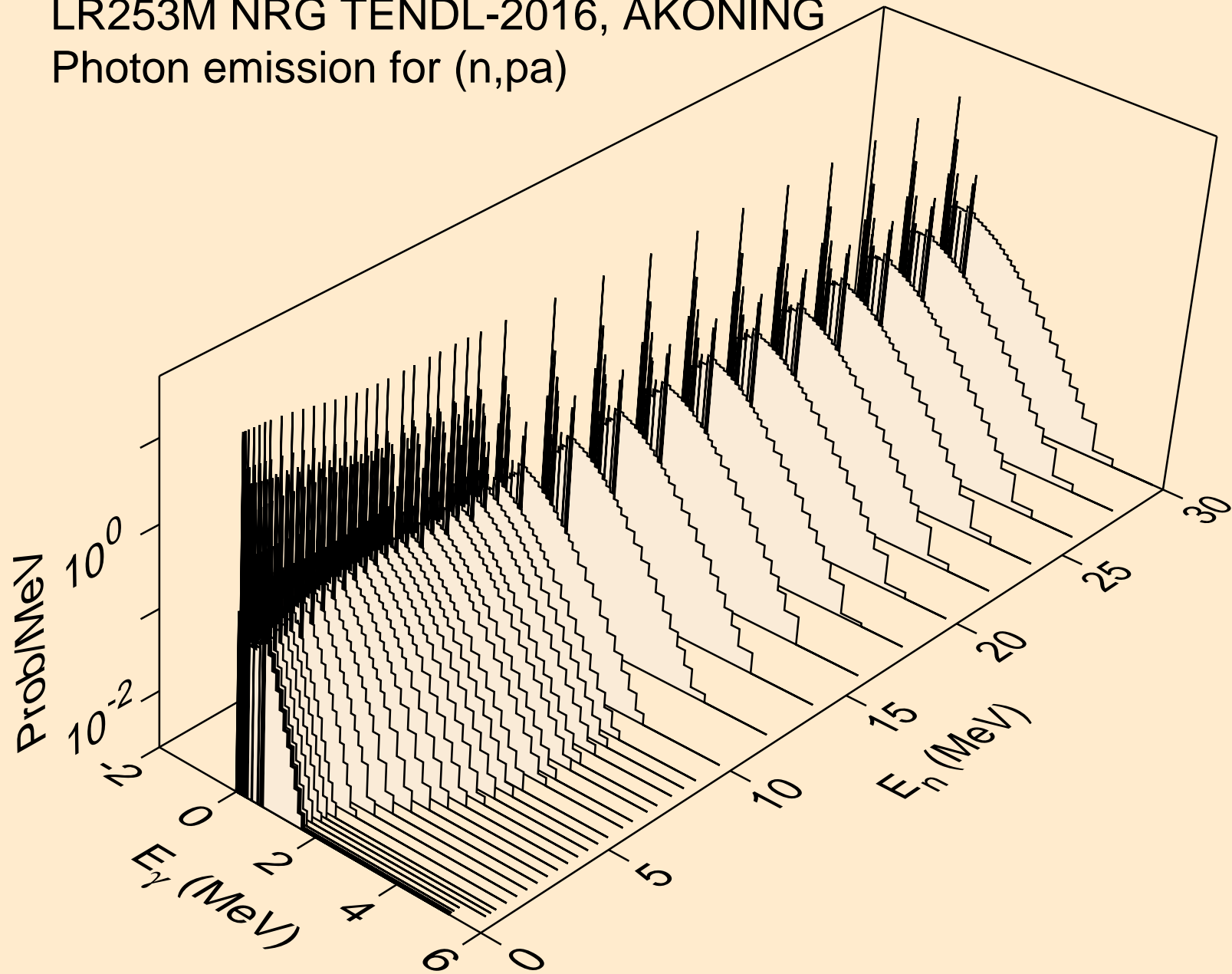
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,3a)



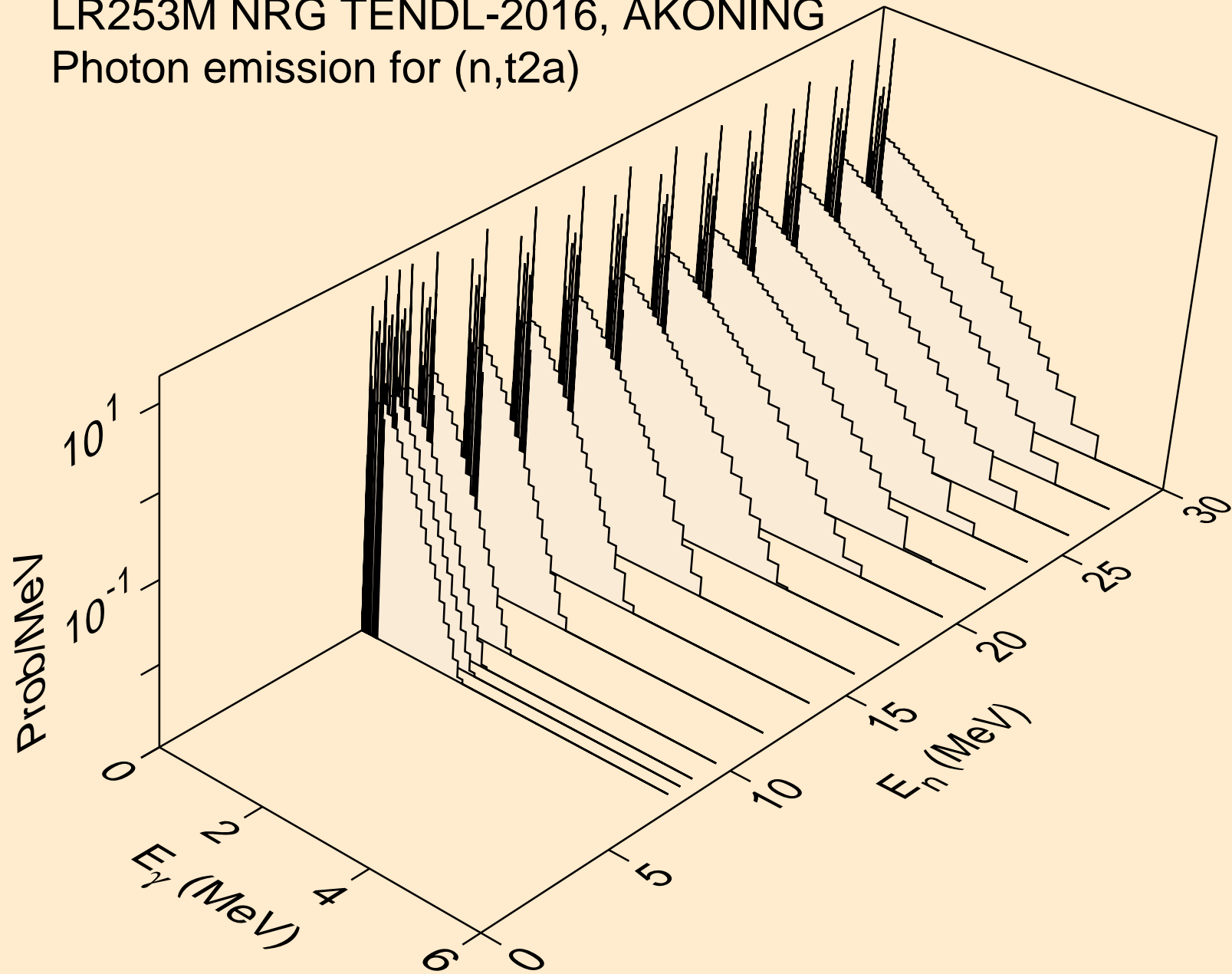
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,2p)



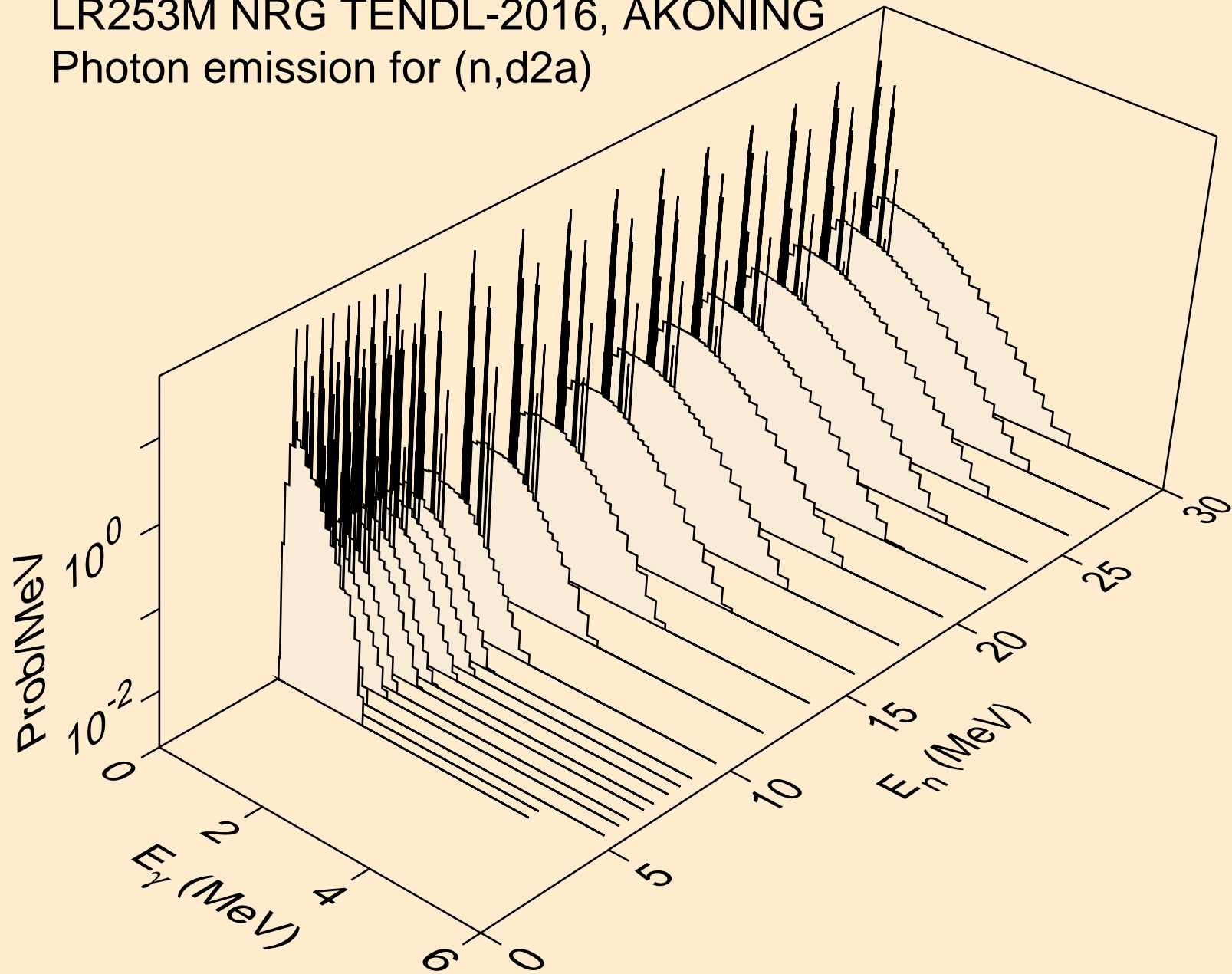
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,p)



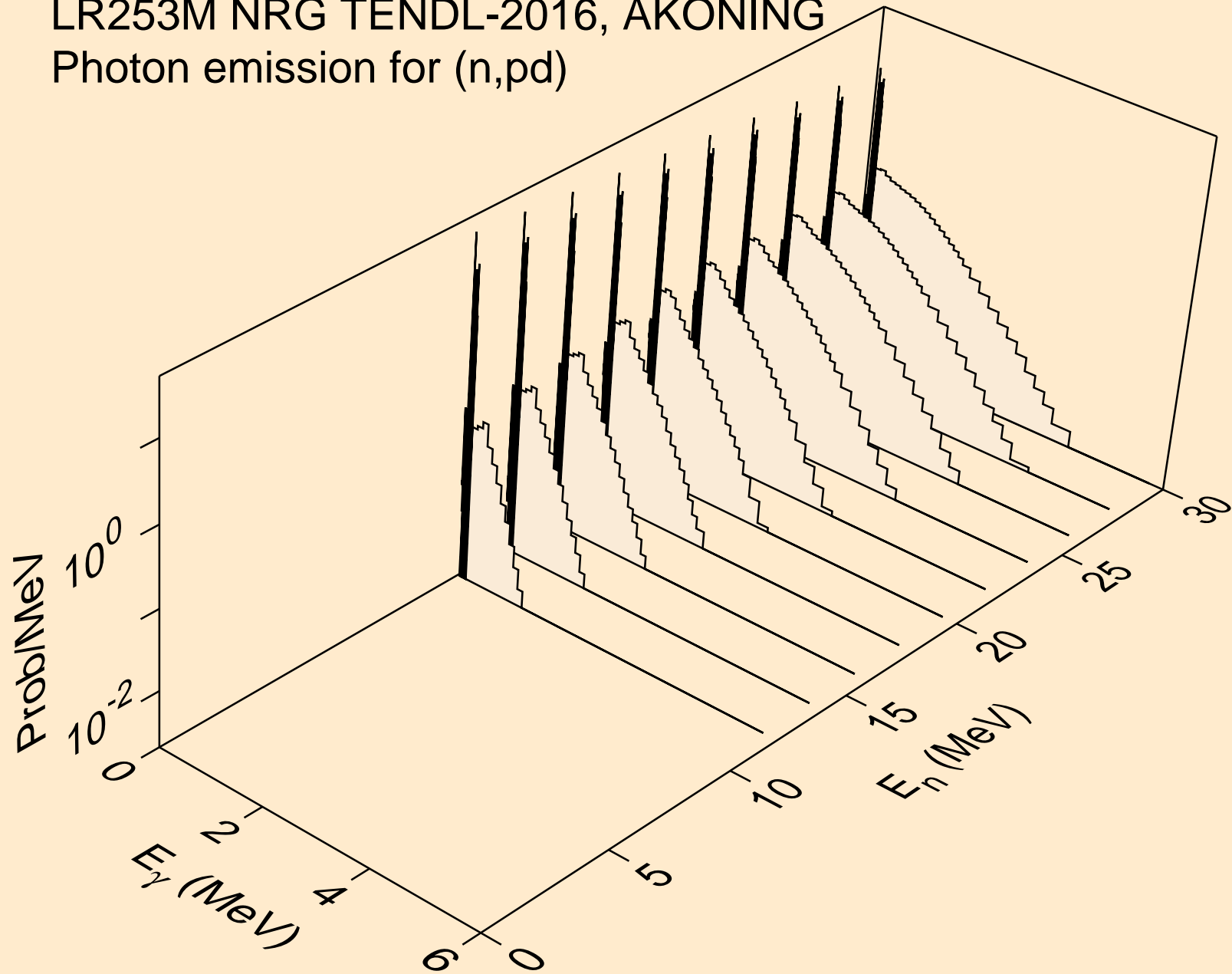
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,t2a)



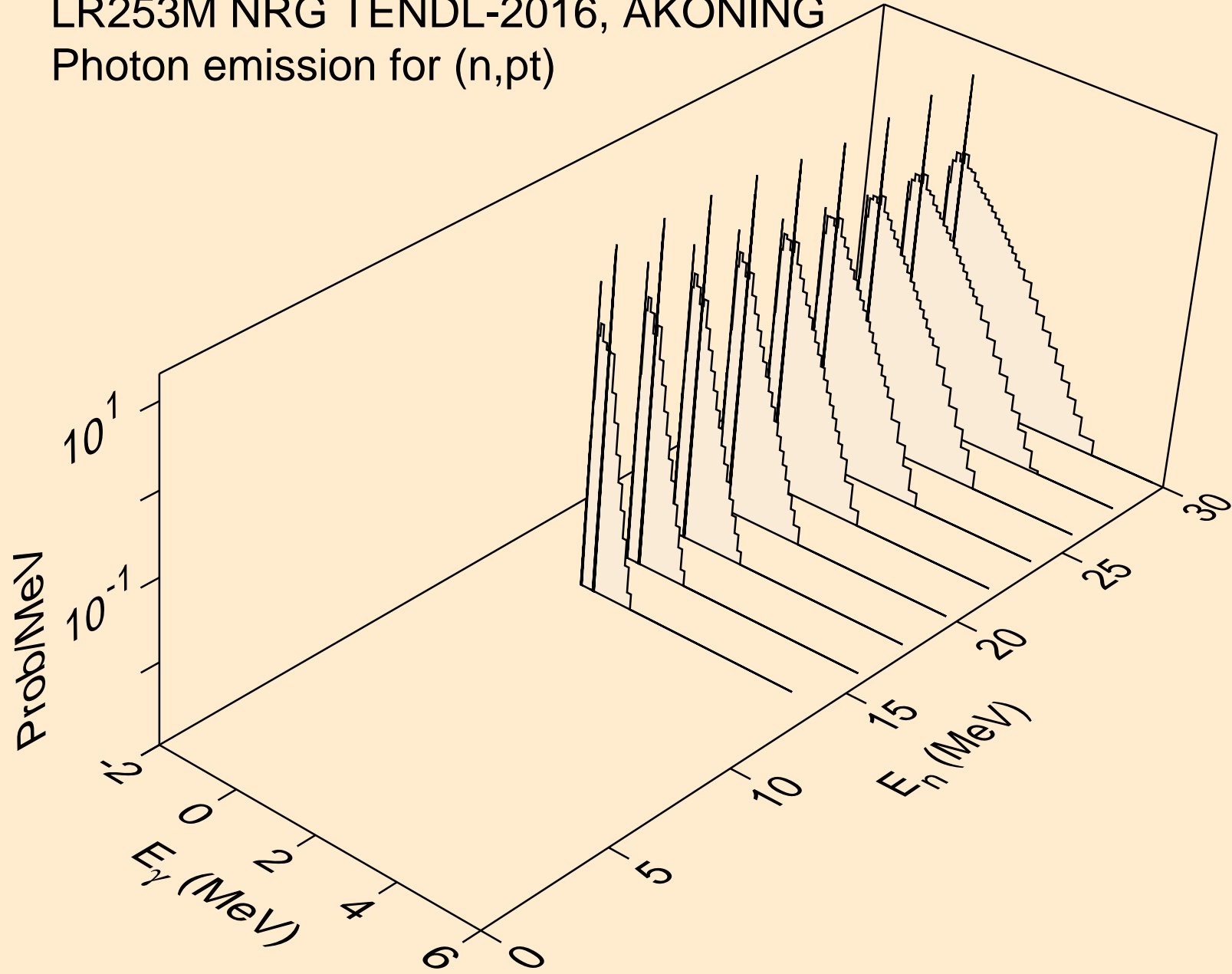
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,d2a)



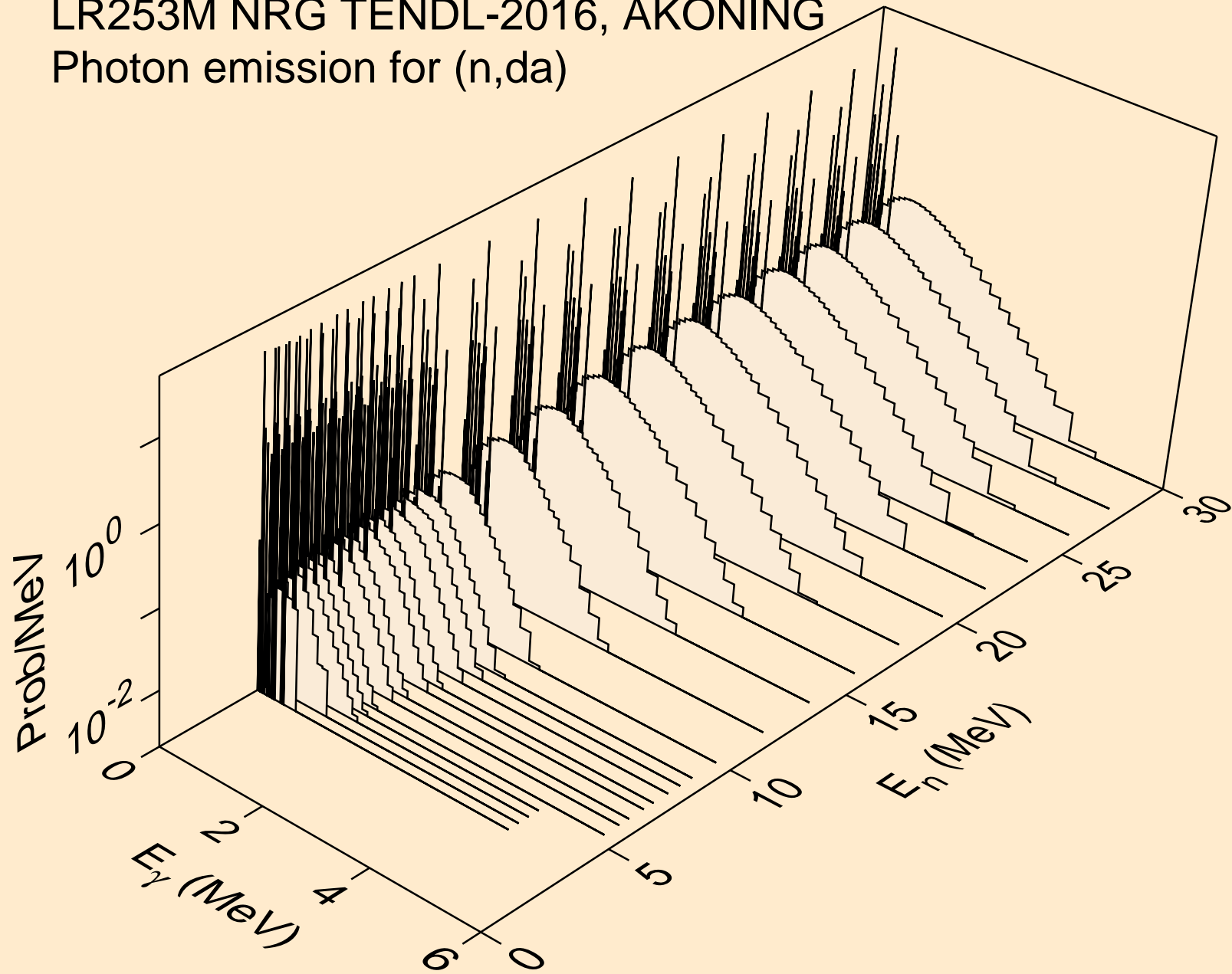
LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,pd)



LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,pt)

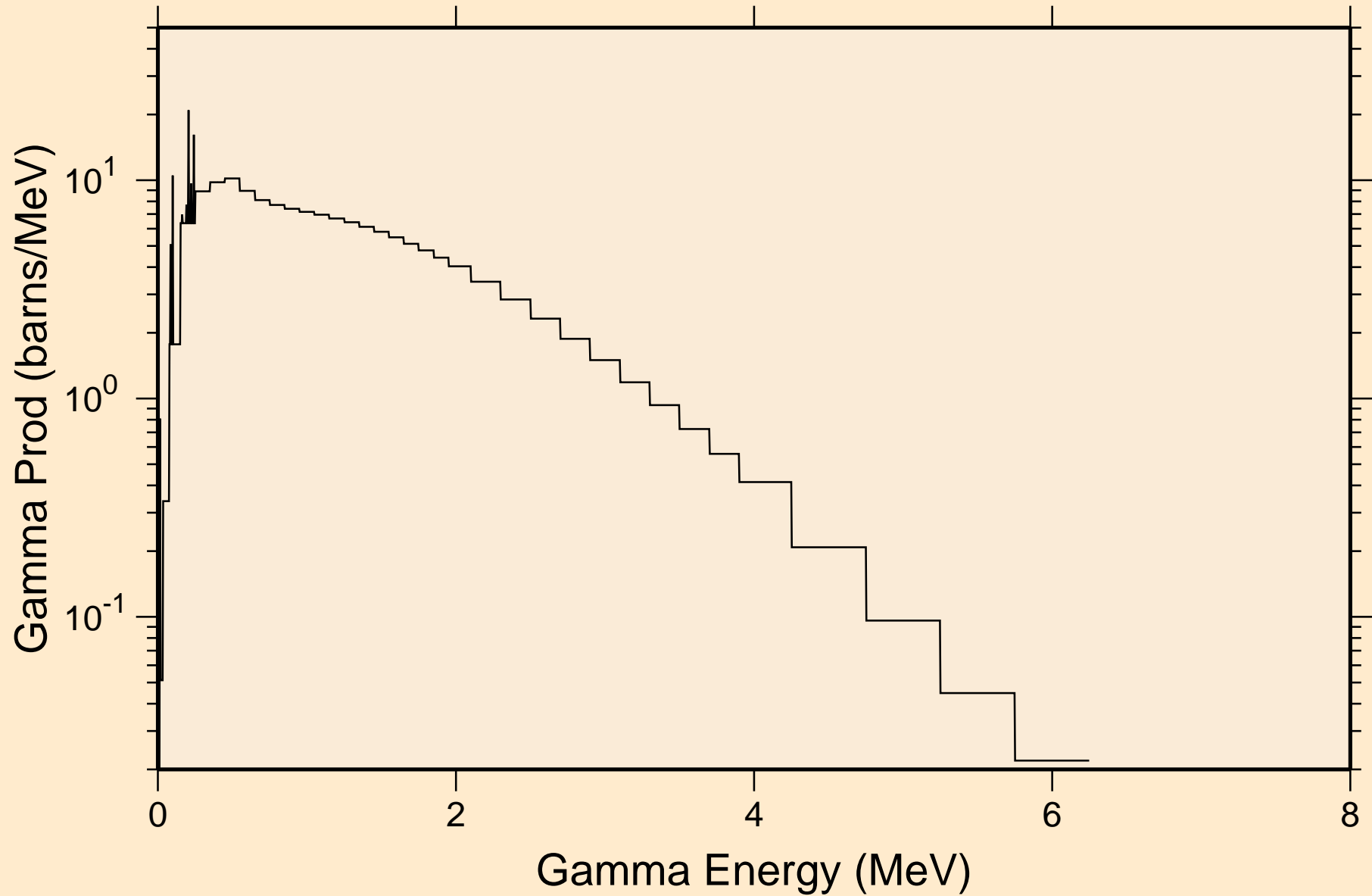


LR253M NRG TENDL-2016, AKONING  
Photon emission for (n,da)

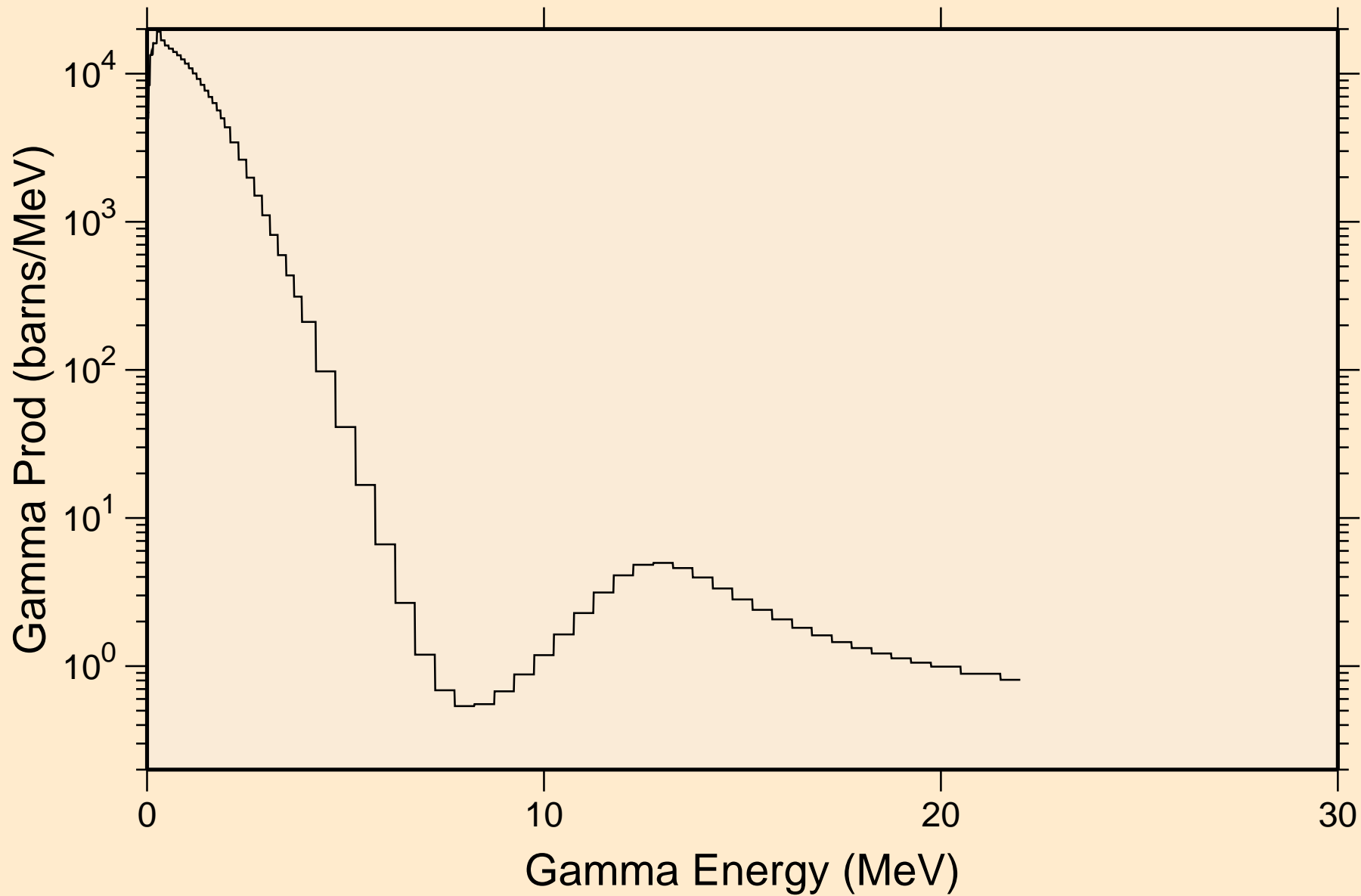




LR253M NRG TENDL-2016, AKONING  
thermal capture photon spectrum

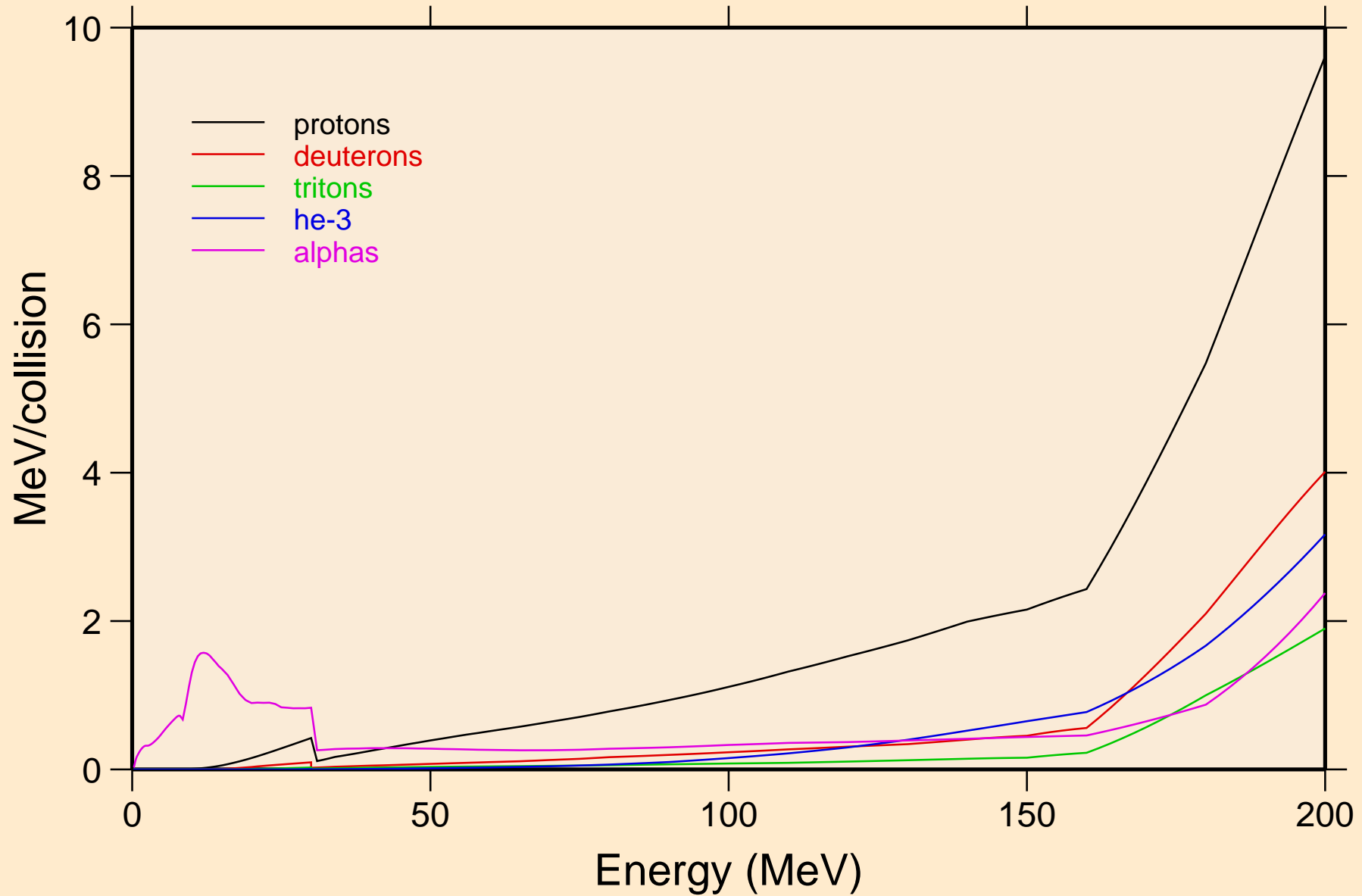


LR253M NRG TENDL-2016, AKONING  
14 MeV photon spectrum



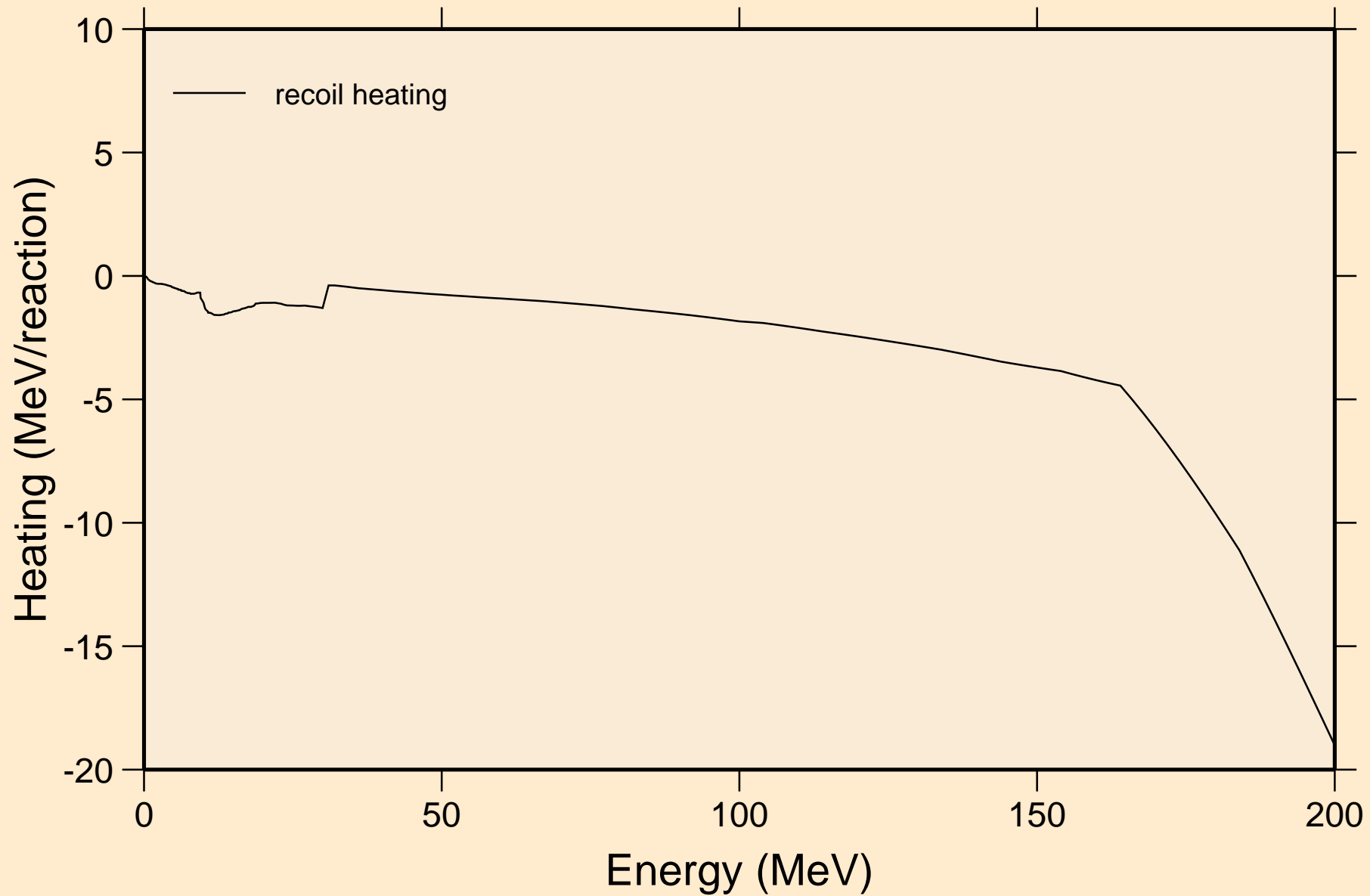
# LR253M NRG TENDL-2016, AKONING

## Particle heating contributions

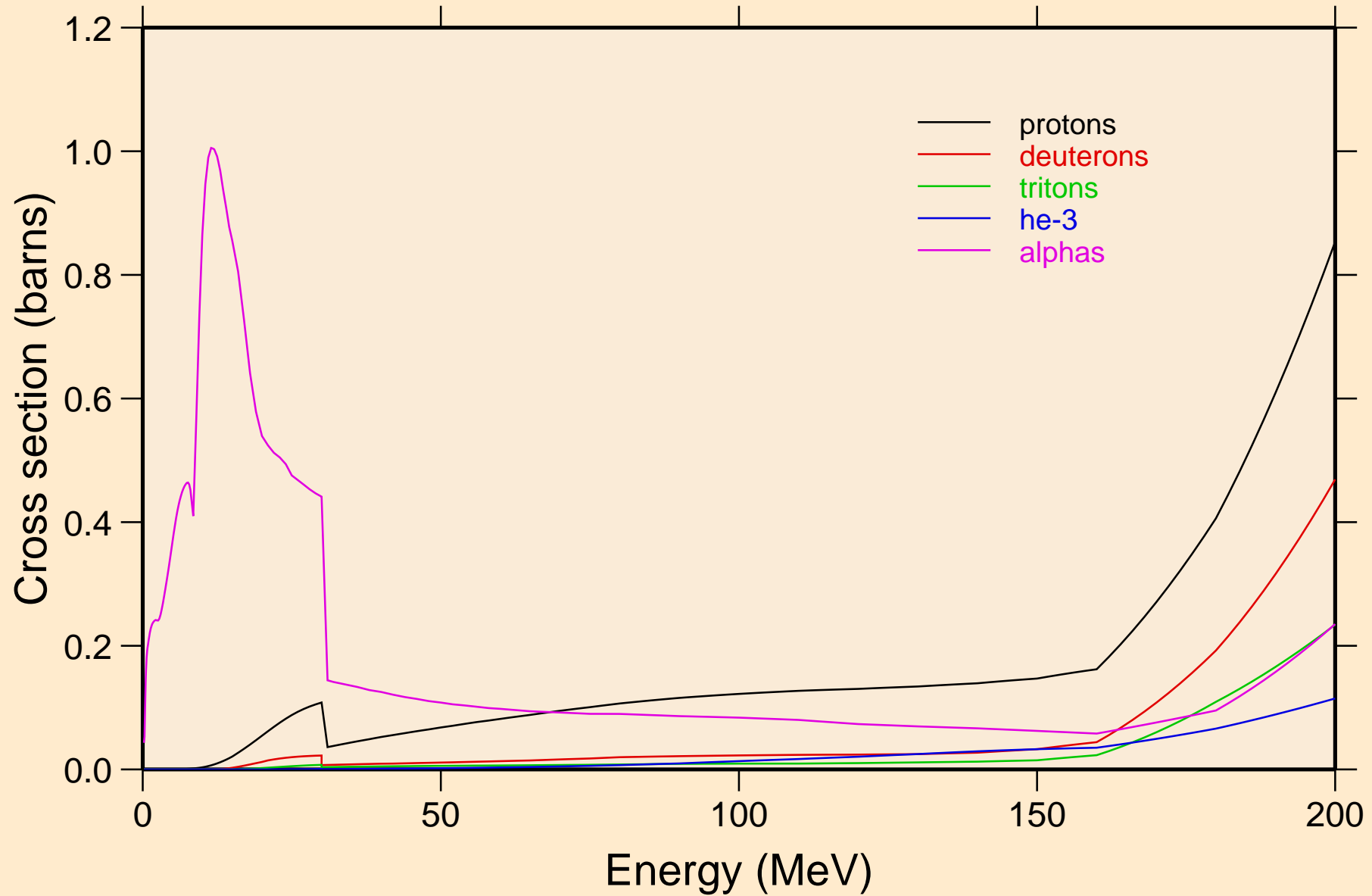


# LR253M NRG TENDL-2016, AKONING

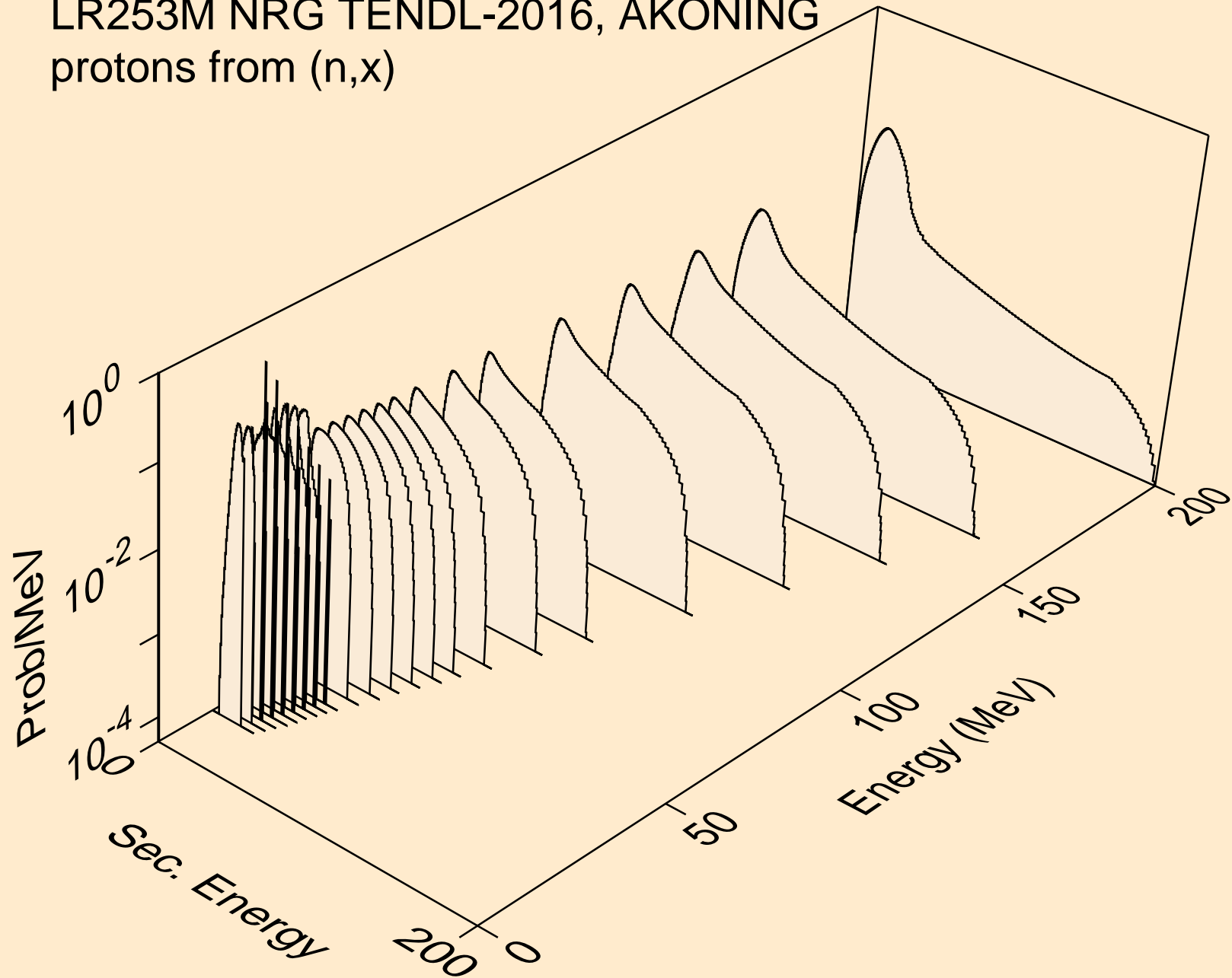
## Recoil Heating



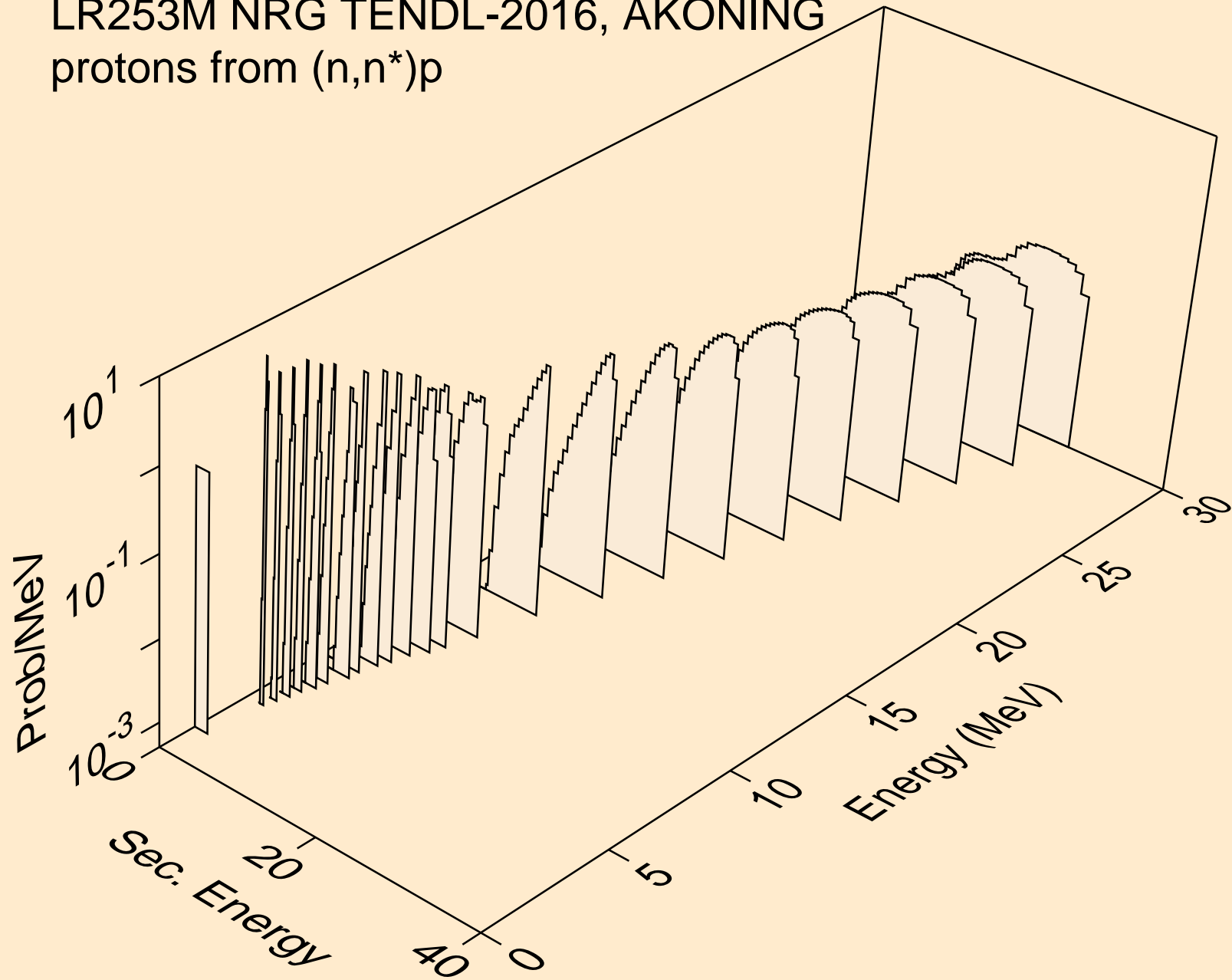
LR253M NRG TENDL-2016, AKONING  
Particle production cross sections



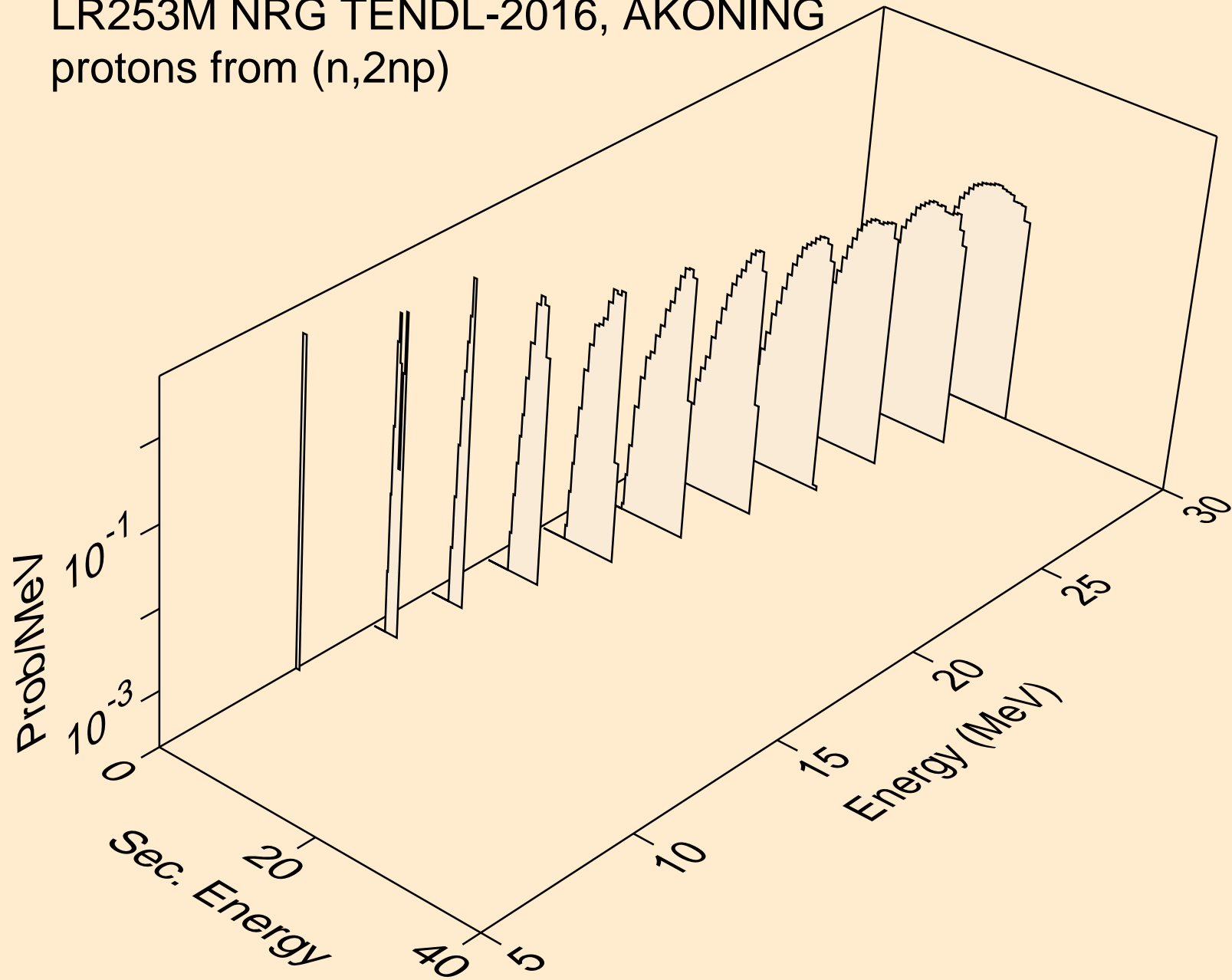
LR253M NRG TENDL-2016, AKONING  
protons from (n,x)



LR253M NRG TENDL-2016, AKONING  
protons from (n,n\*)p

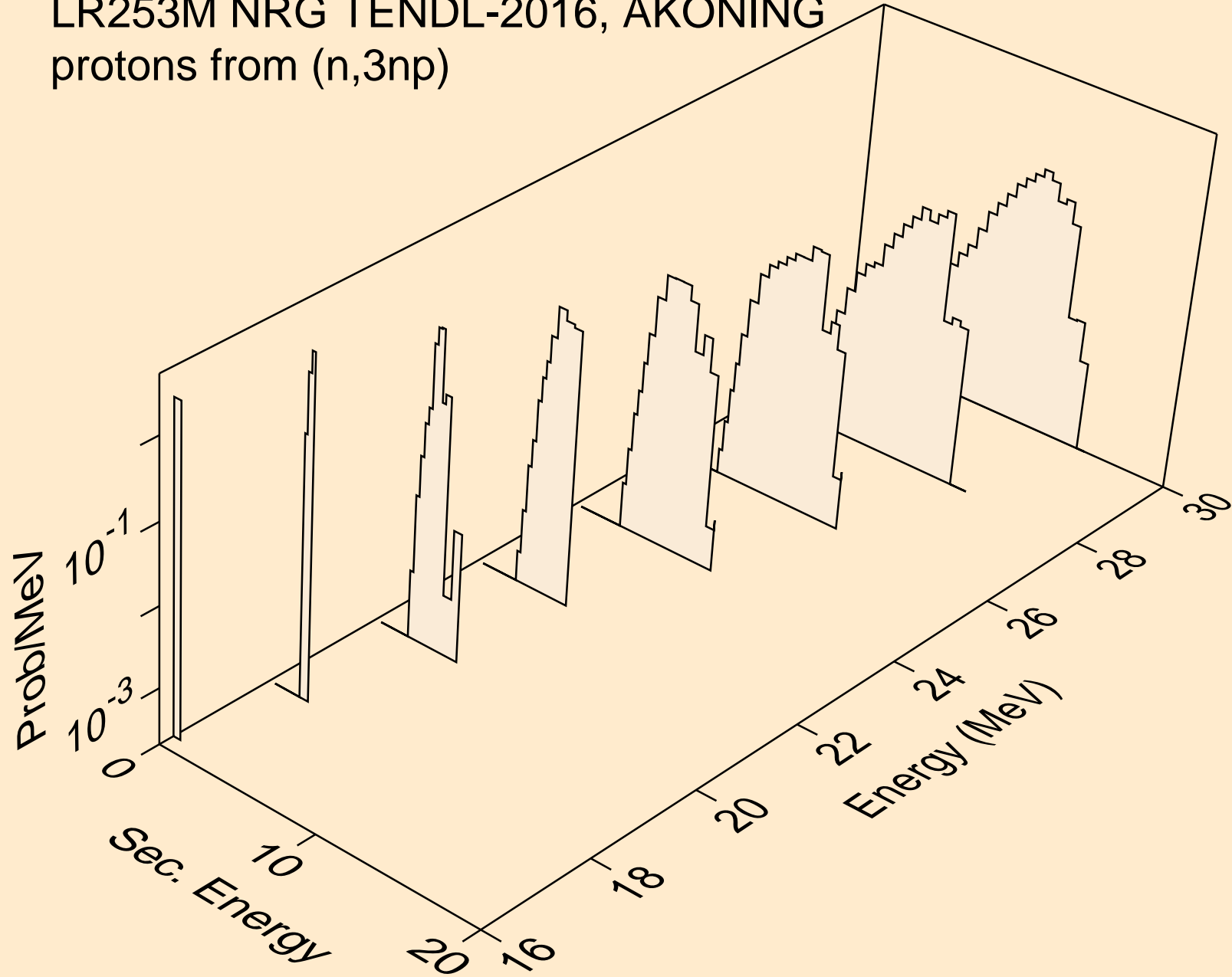


LR253M NRG TENDL-2016, AKONING  
protons from (n,2np)

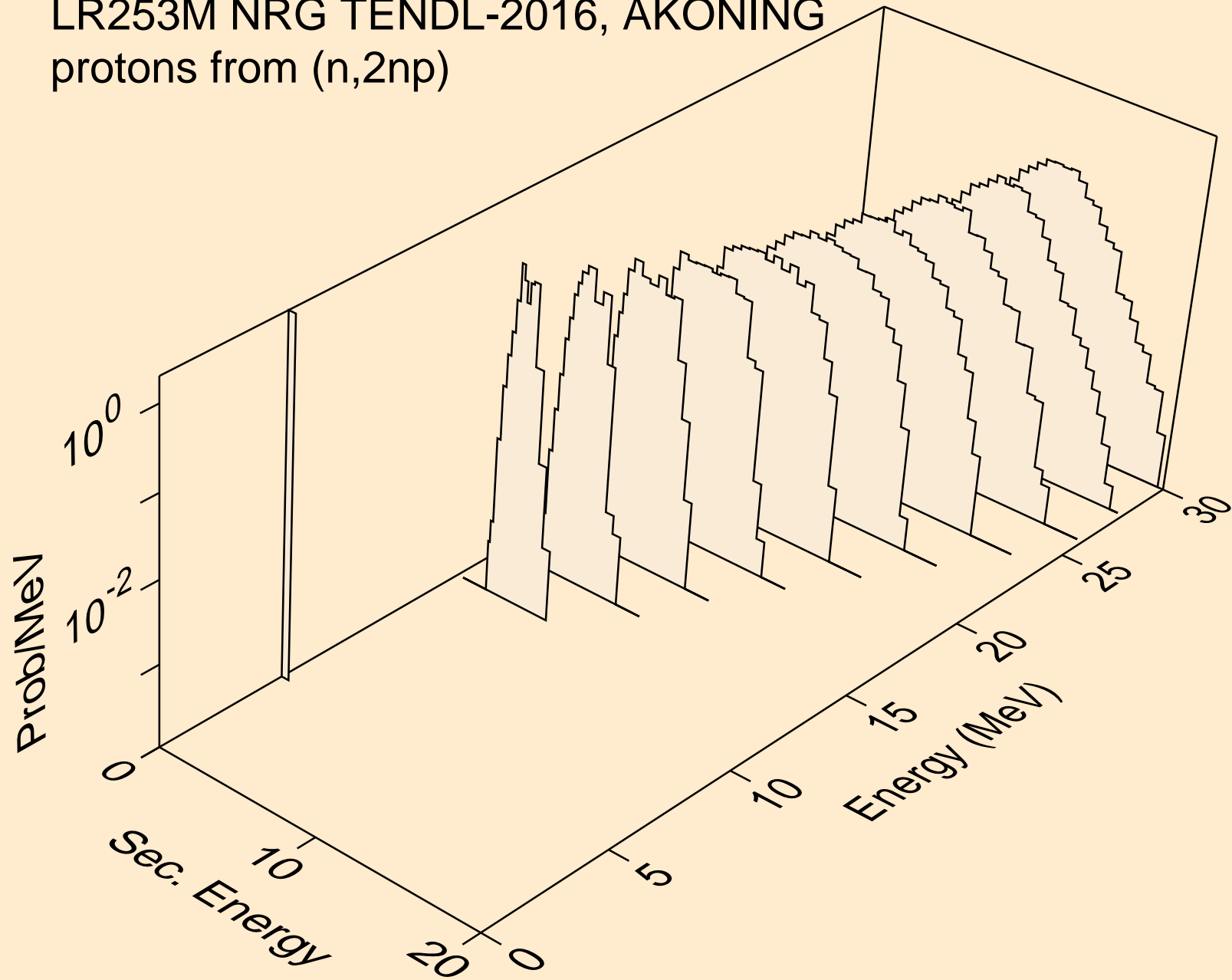




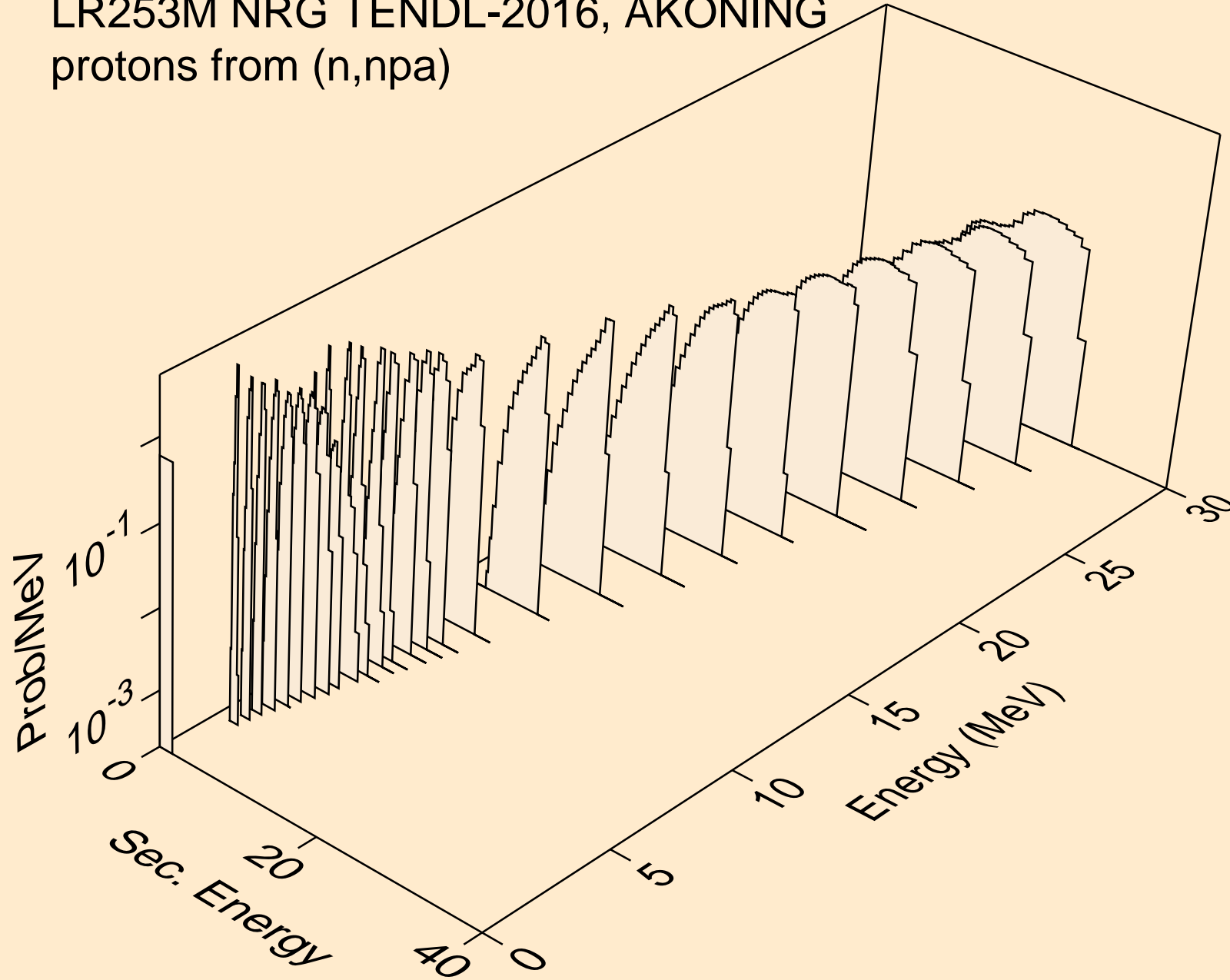
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protons from (n,3np)



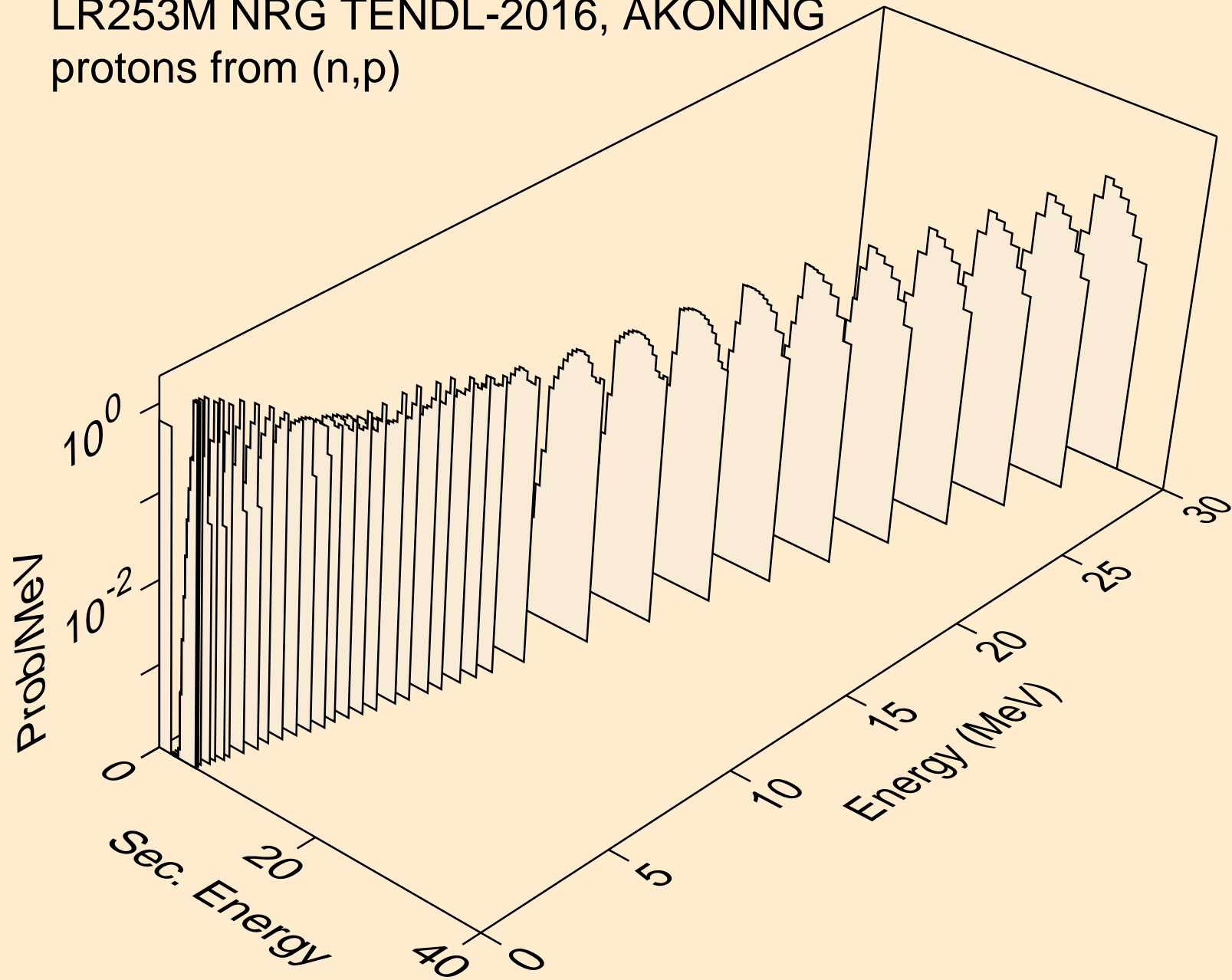
LR253M NRG TENDL-2016, AKONING  
protons from (n,2np)



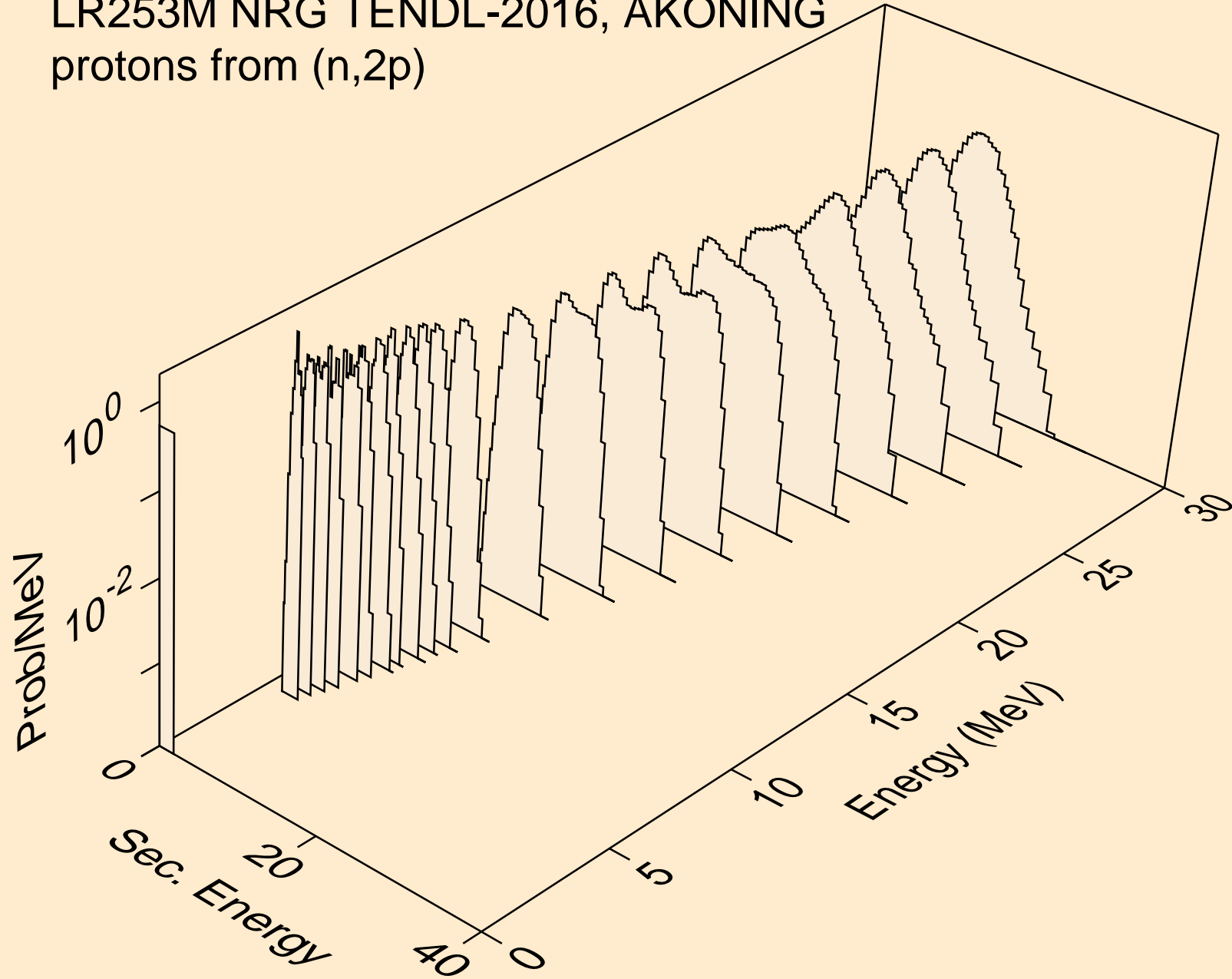
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protons from (n,npa)



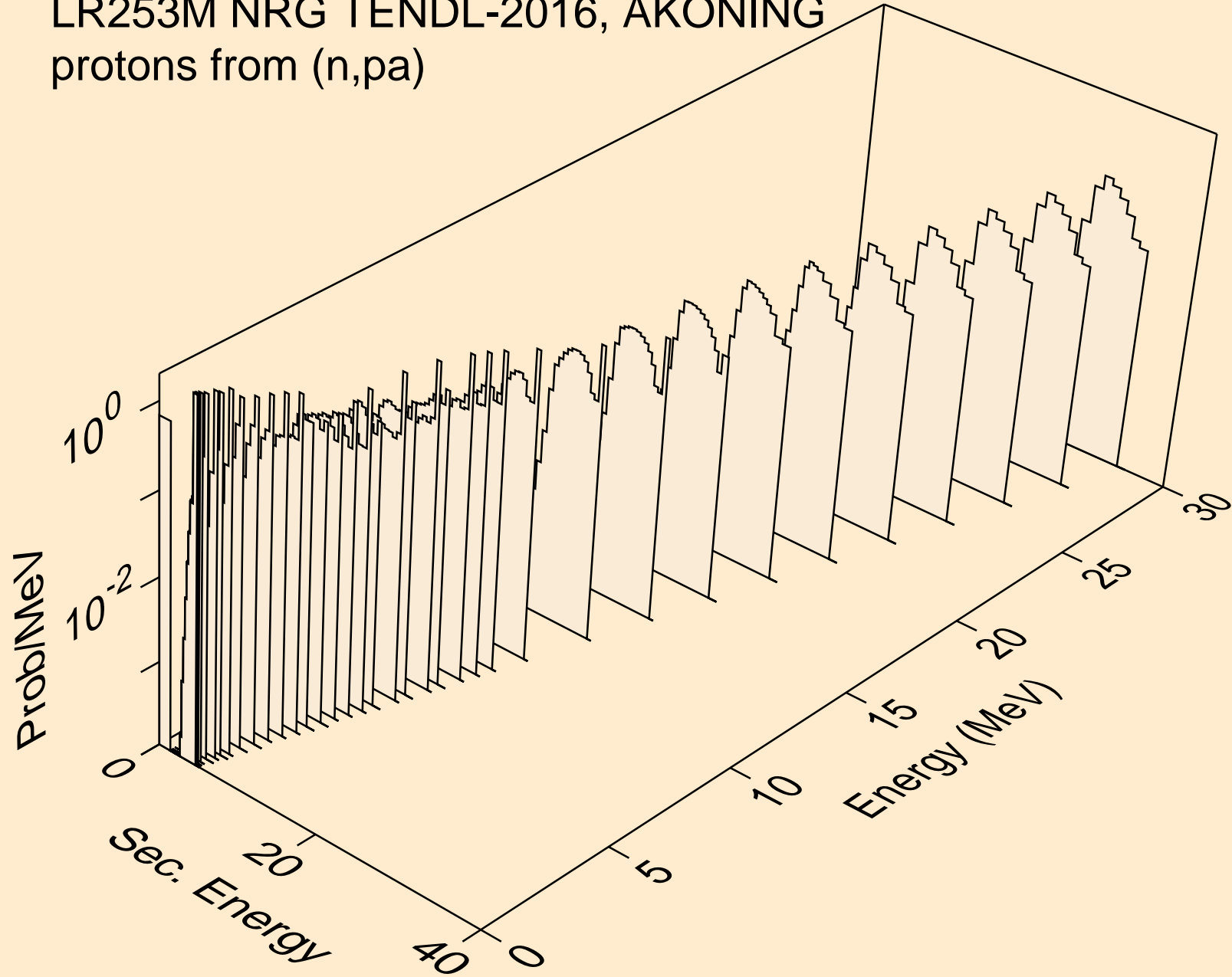
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protons from (n,p)



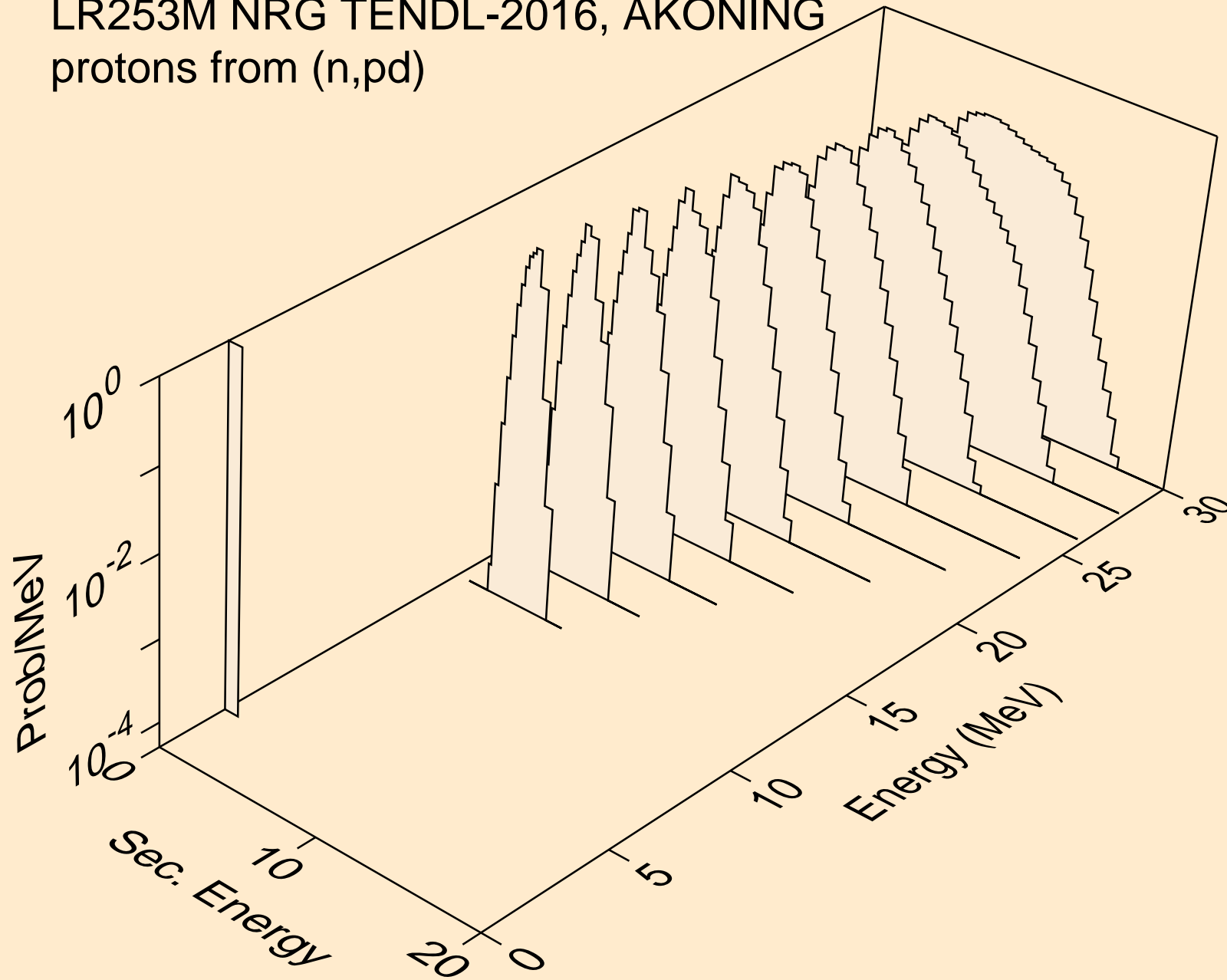
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protons from (n,2p)



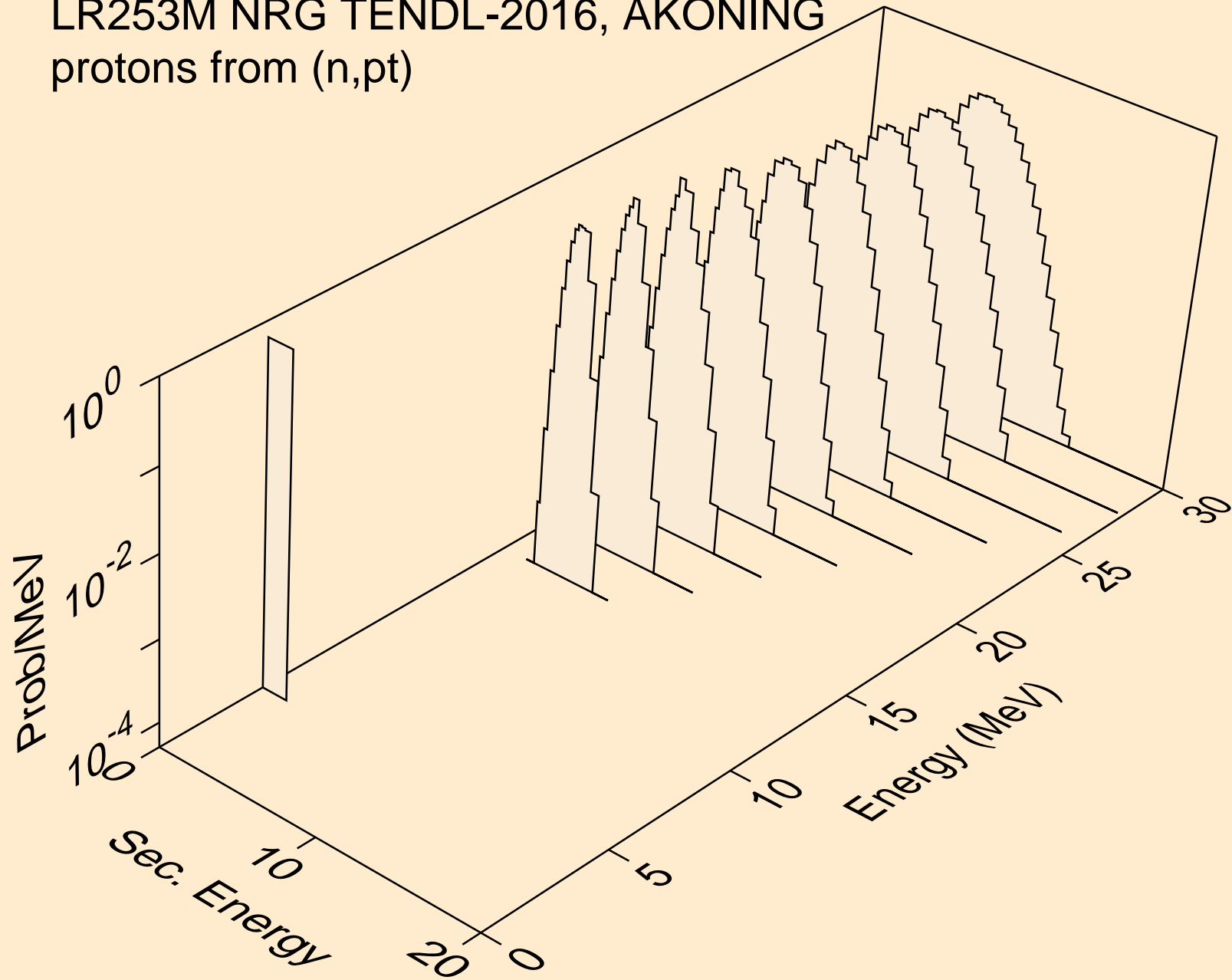
LR253M NRG TENDL-2016, AKONING  
protons from (n,pa)



LR253M NRG TENDL-2016, AKONING  
protons from (n,pd)

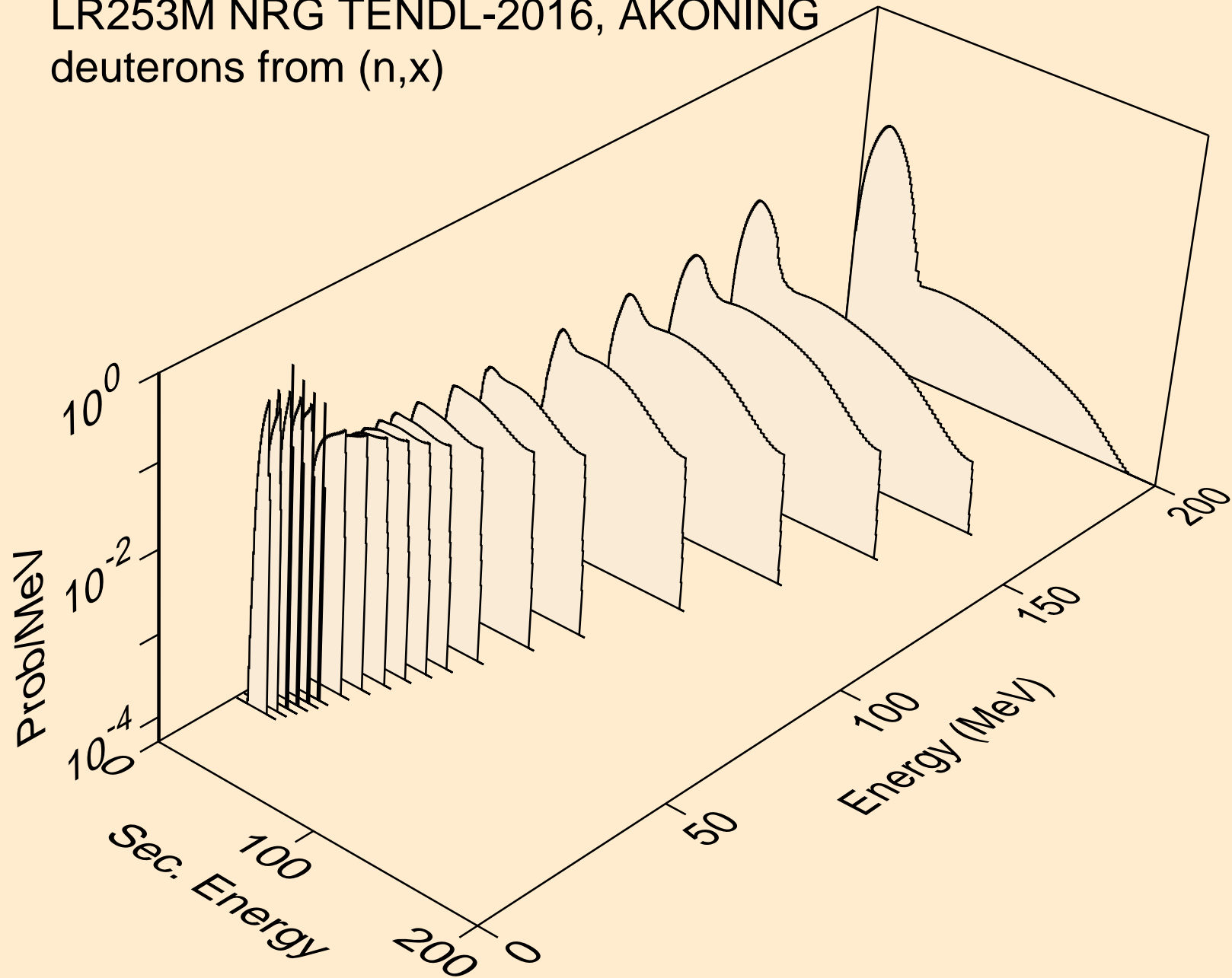


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protons from (n,pt)

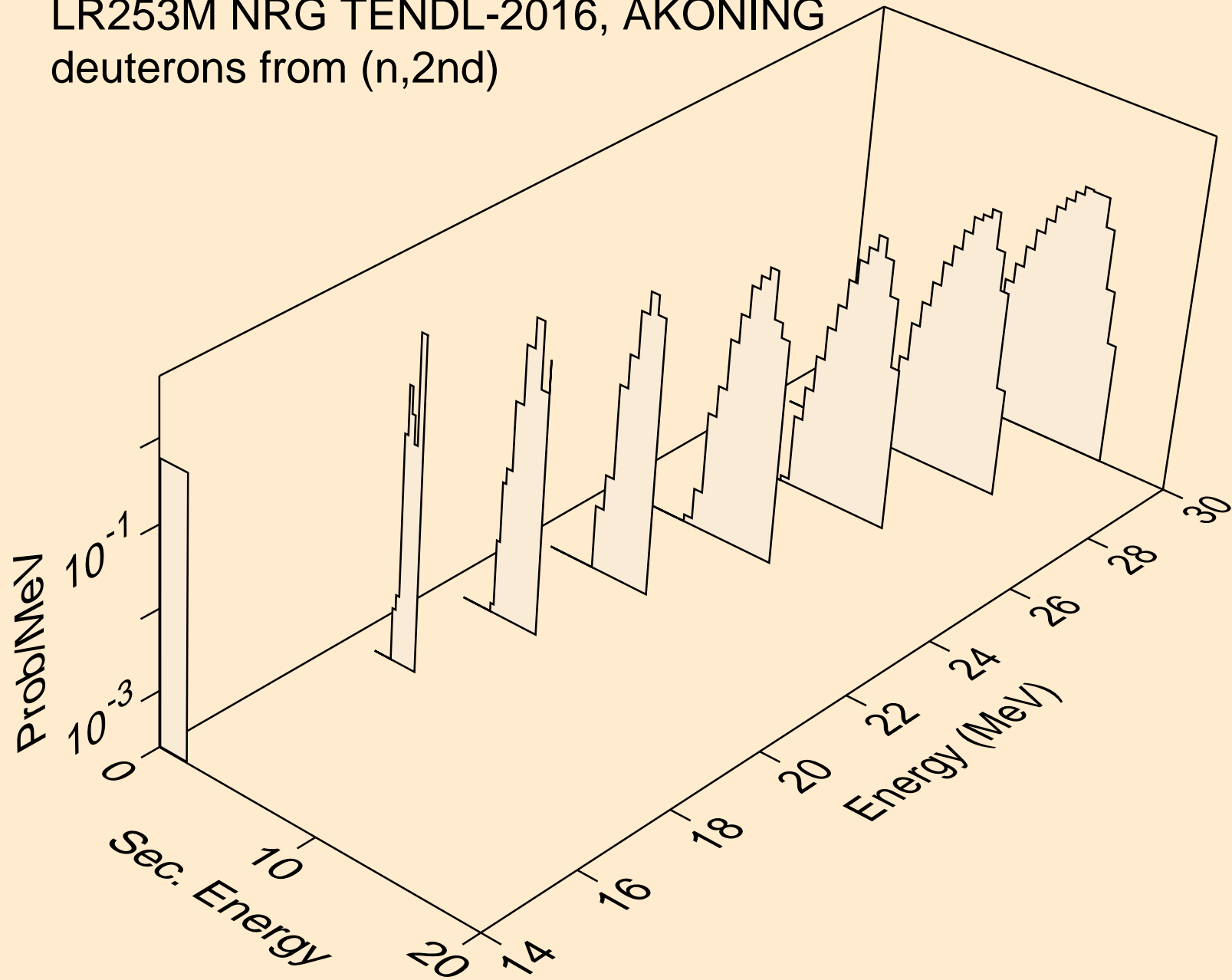




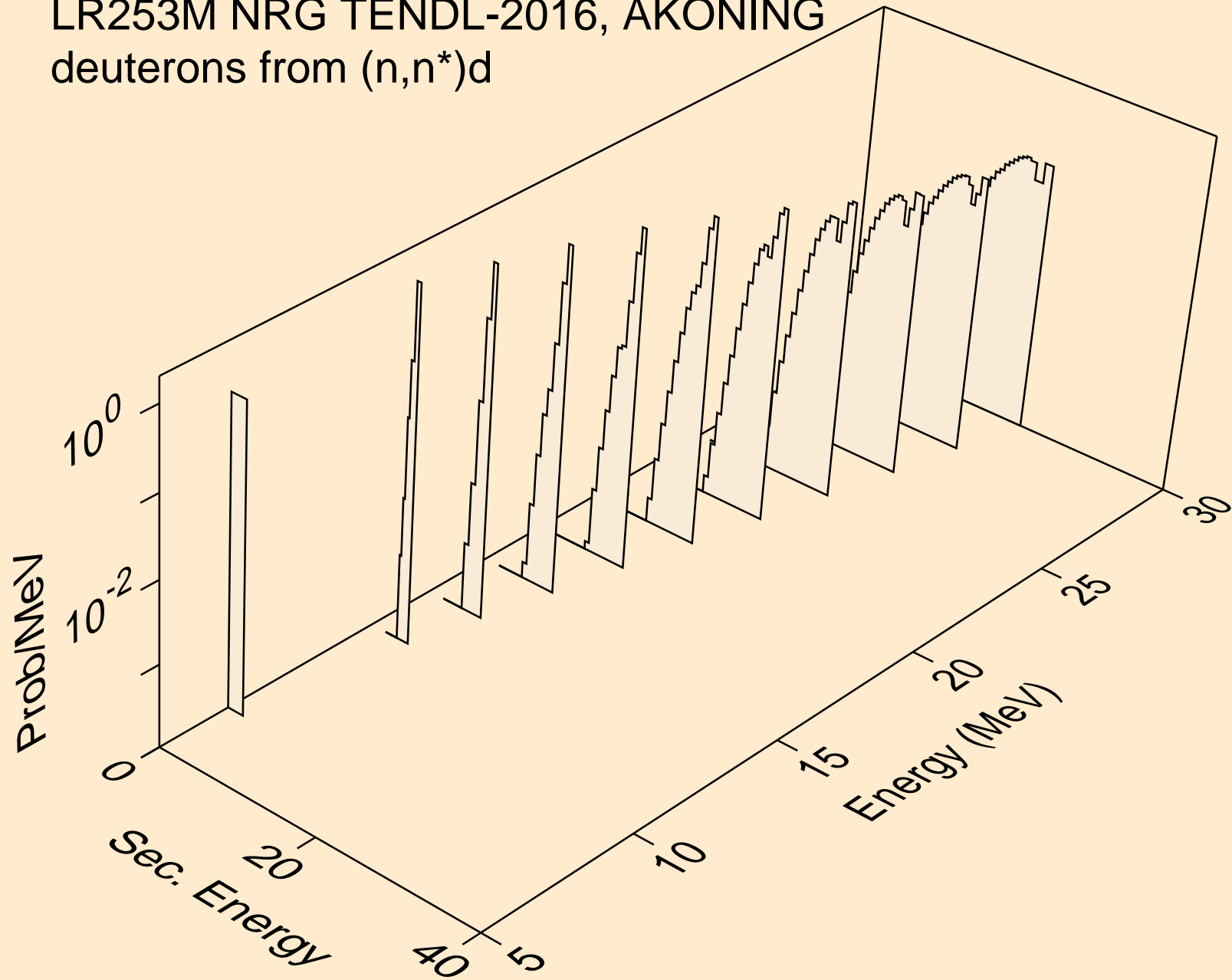
LR253M NRG TENDL-2016, AKONING  
deuterons from (n,x)



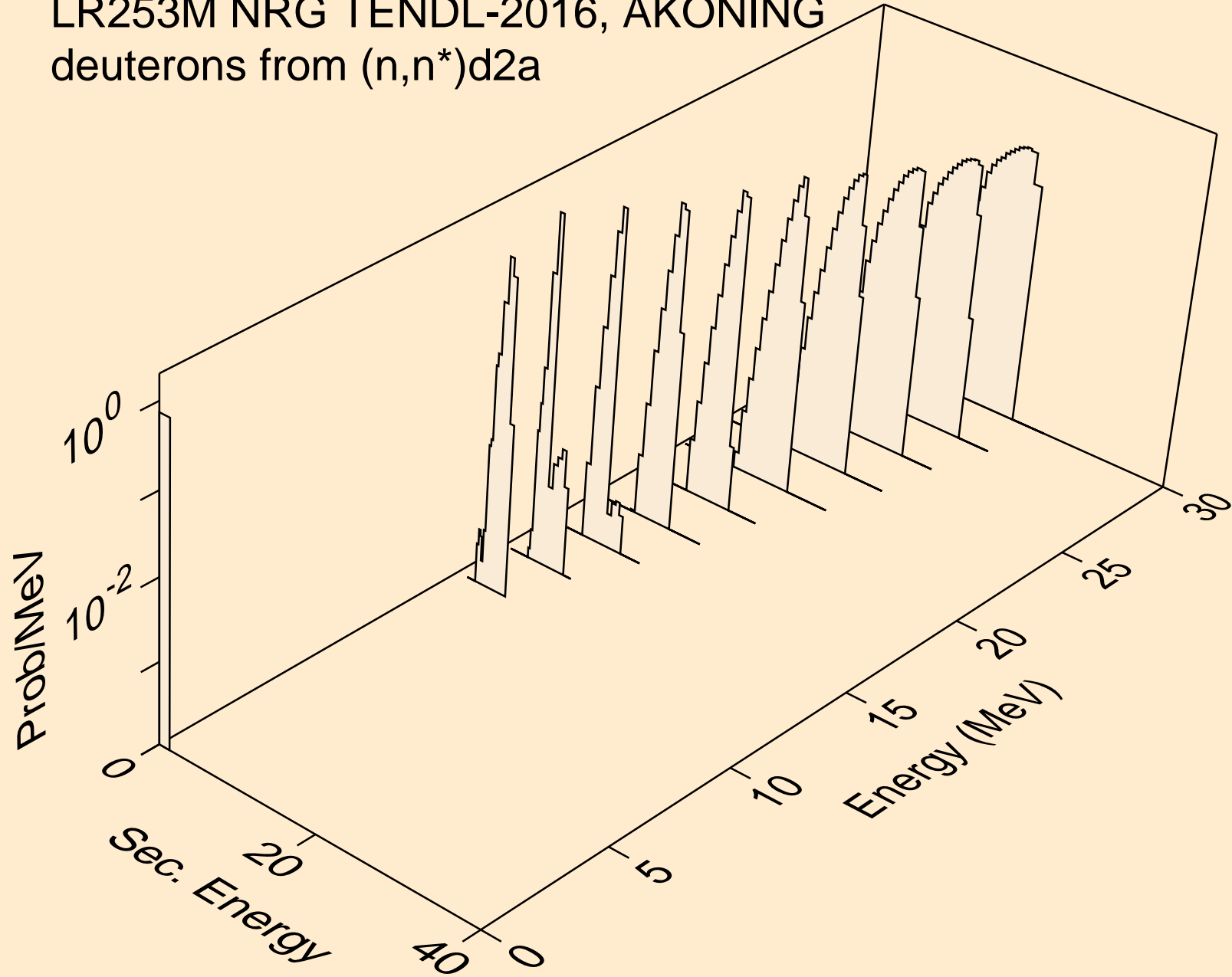
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deuterons from (n,2nd)



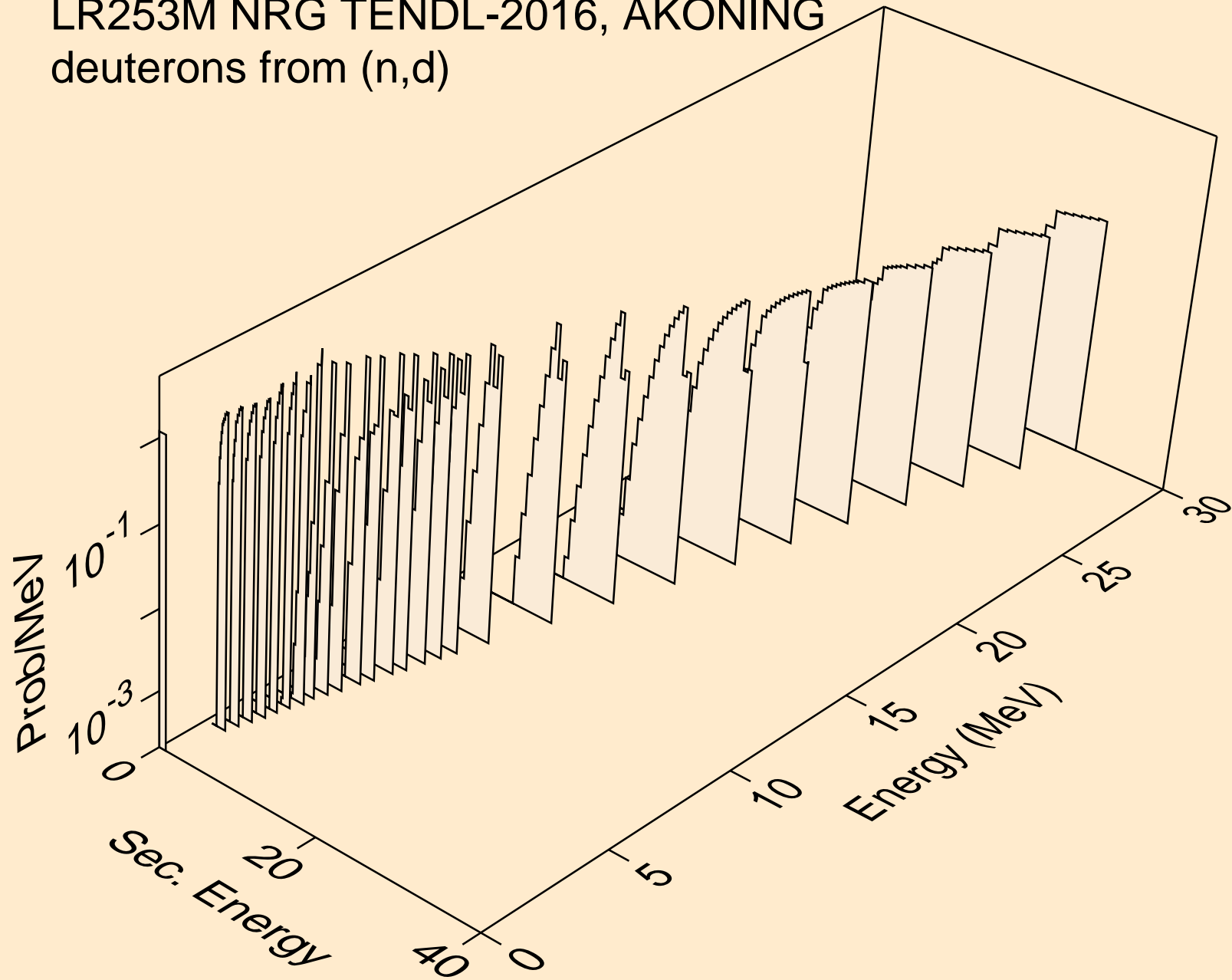
LR253M NRG TENDL-2016, AKONING  
deuterons from (n,n\*)d



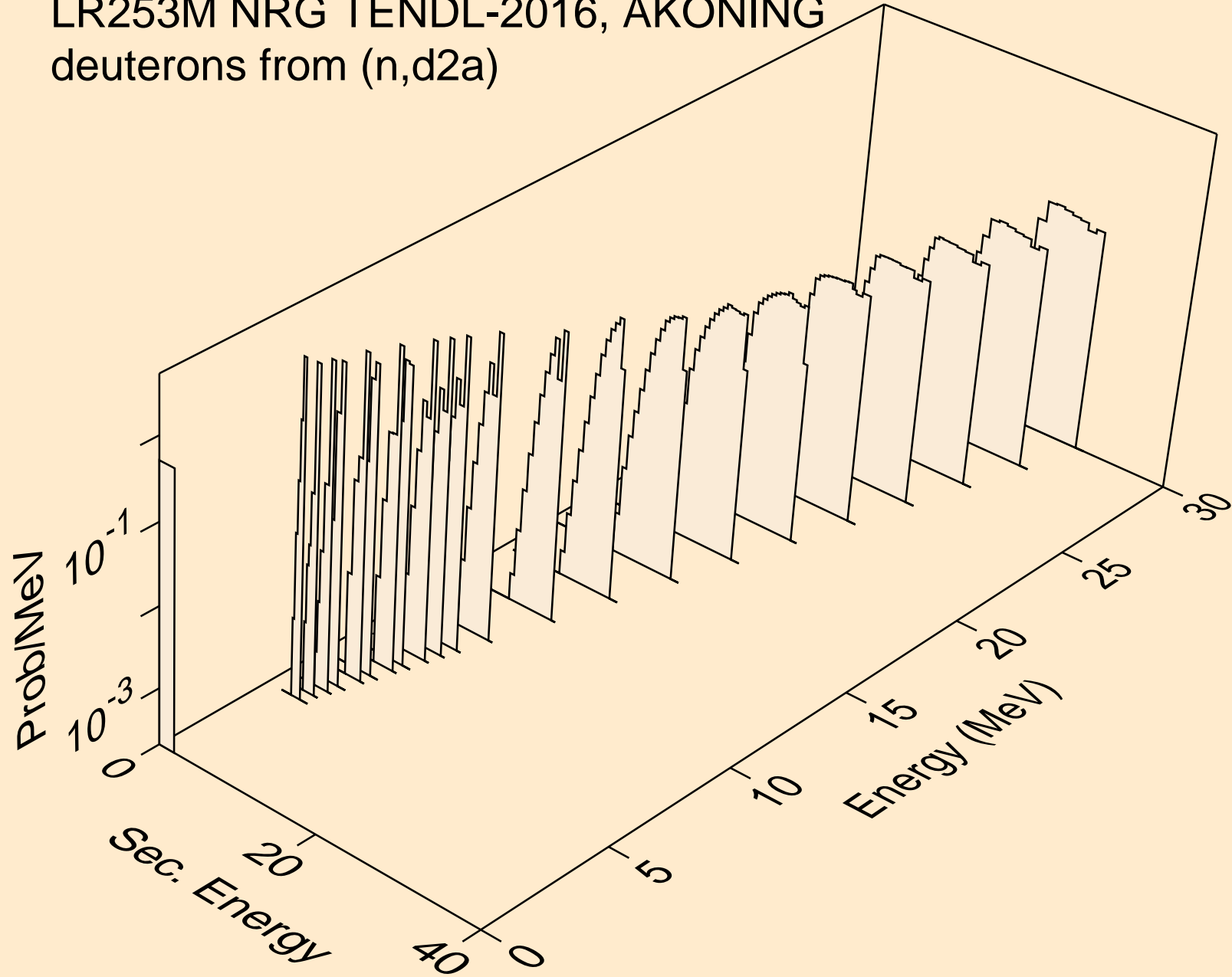
LR253M NRG TENDL-2016, AKONING  
deuterons from (n,n\*)d2a



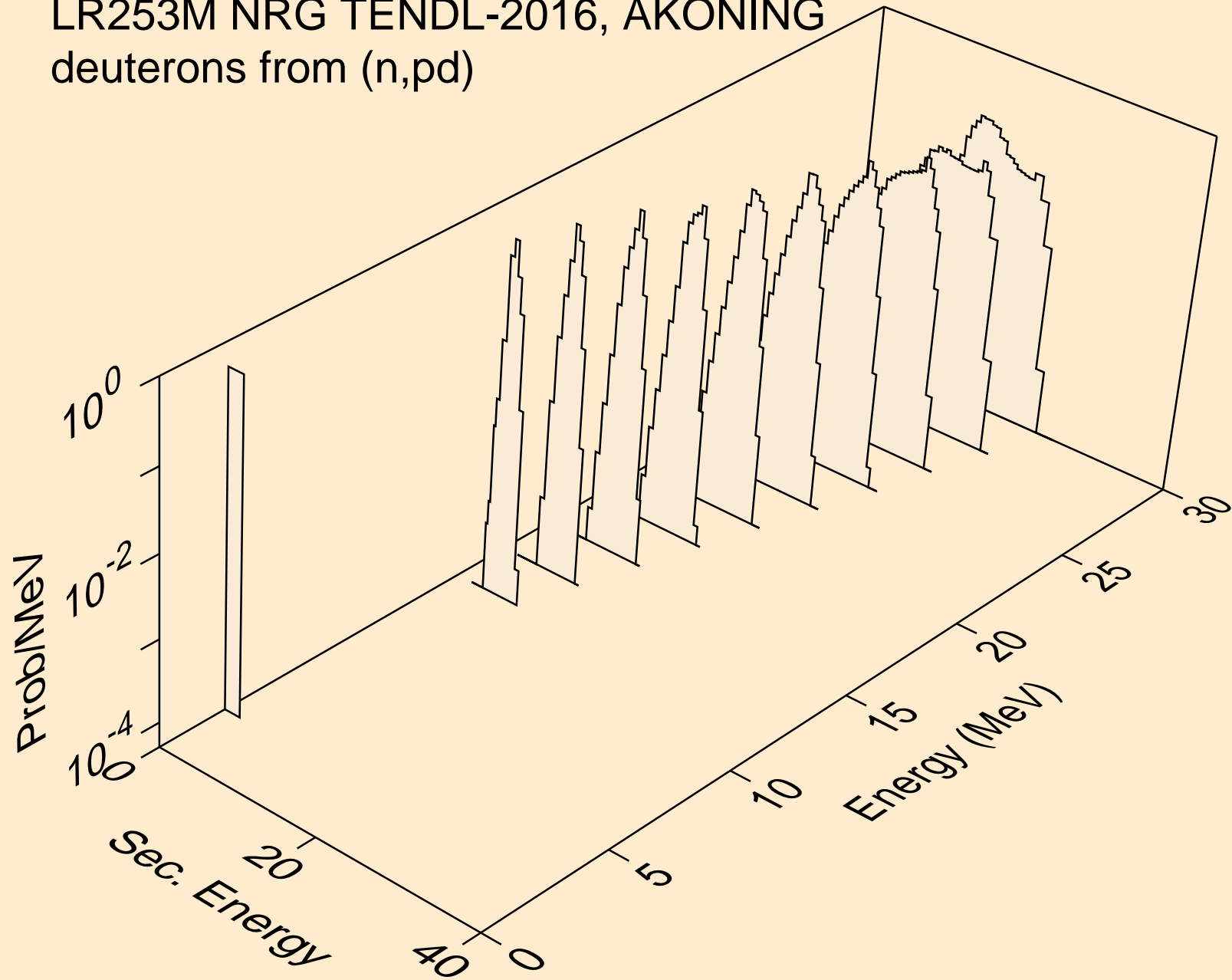
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deuterons from (n,d)



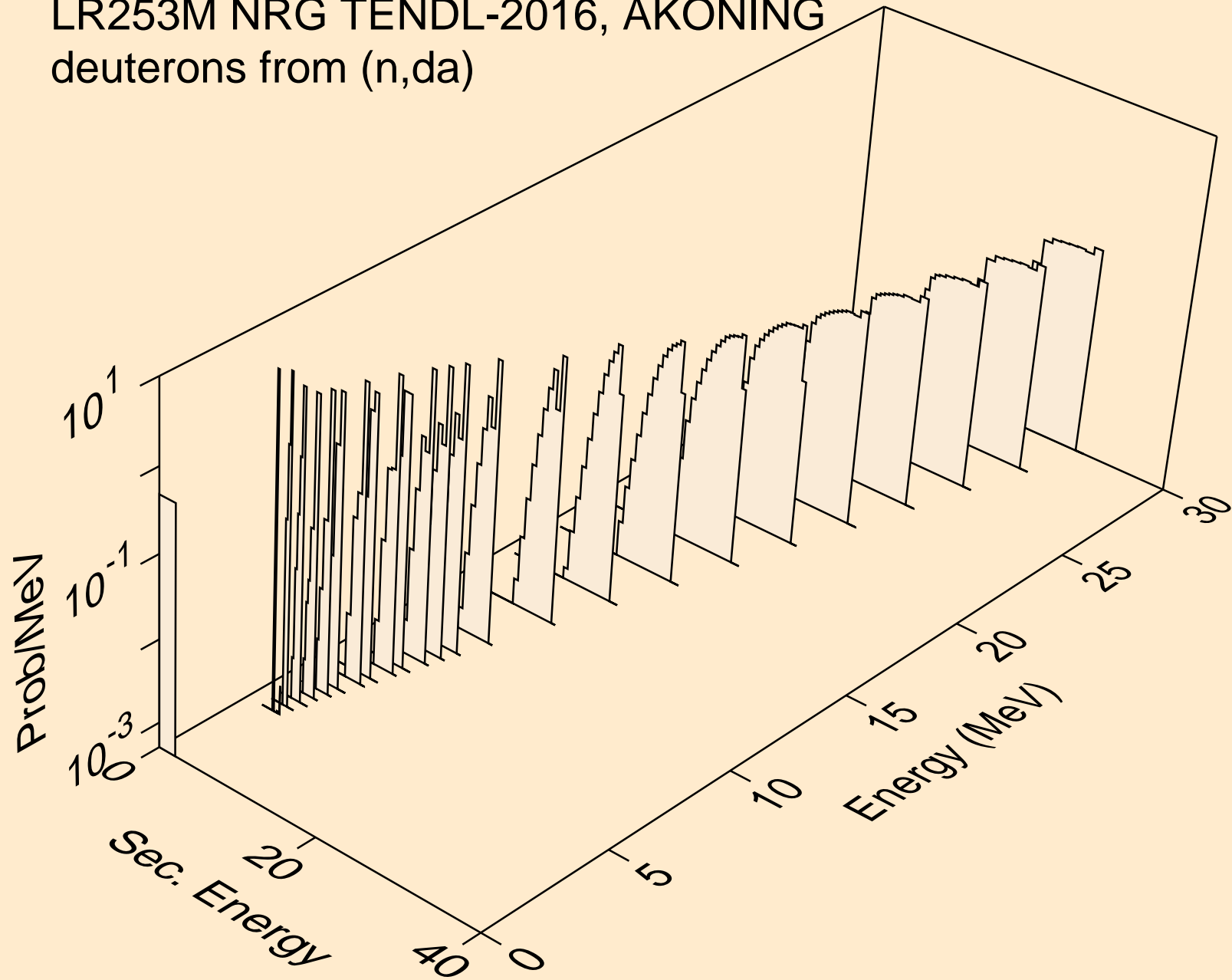
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deuterons from (n,d2a)



LR253M NRG TENDL-2016, AKONING  
deuterons from (n,pd)

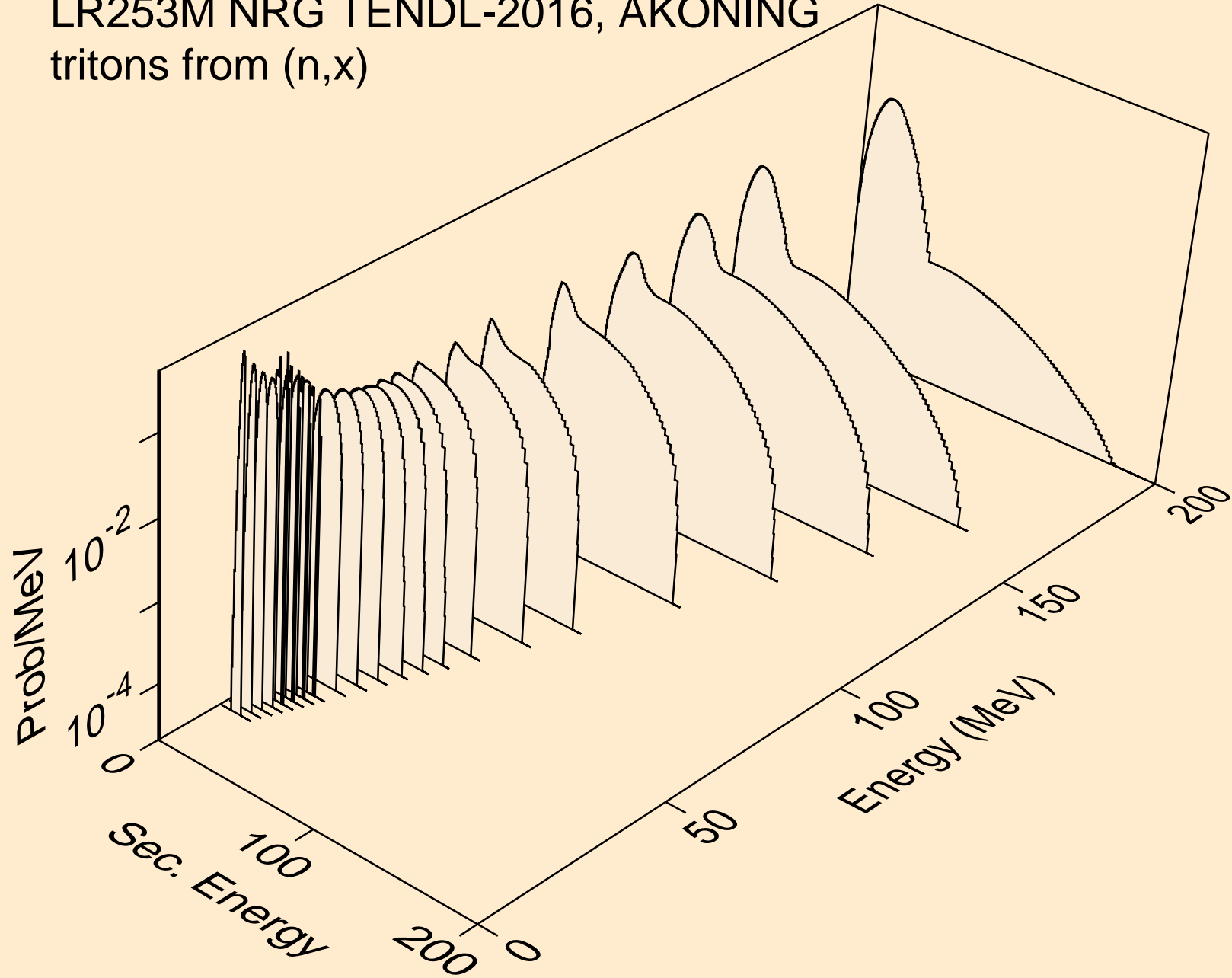


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deuterons from (n,da)

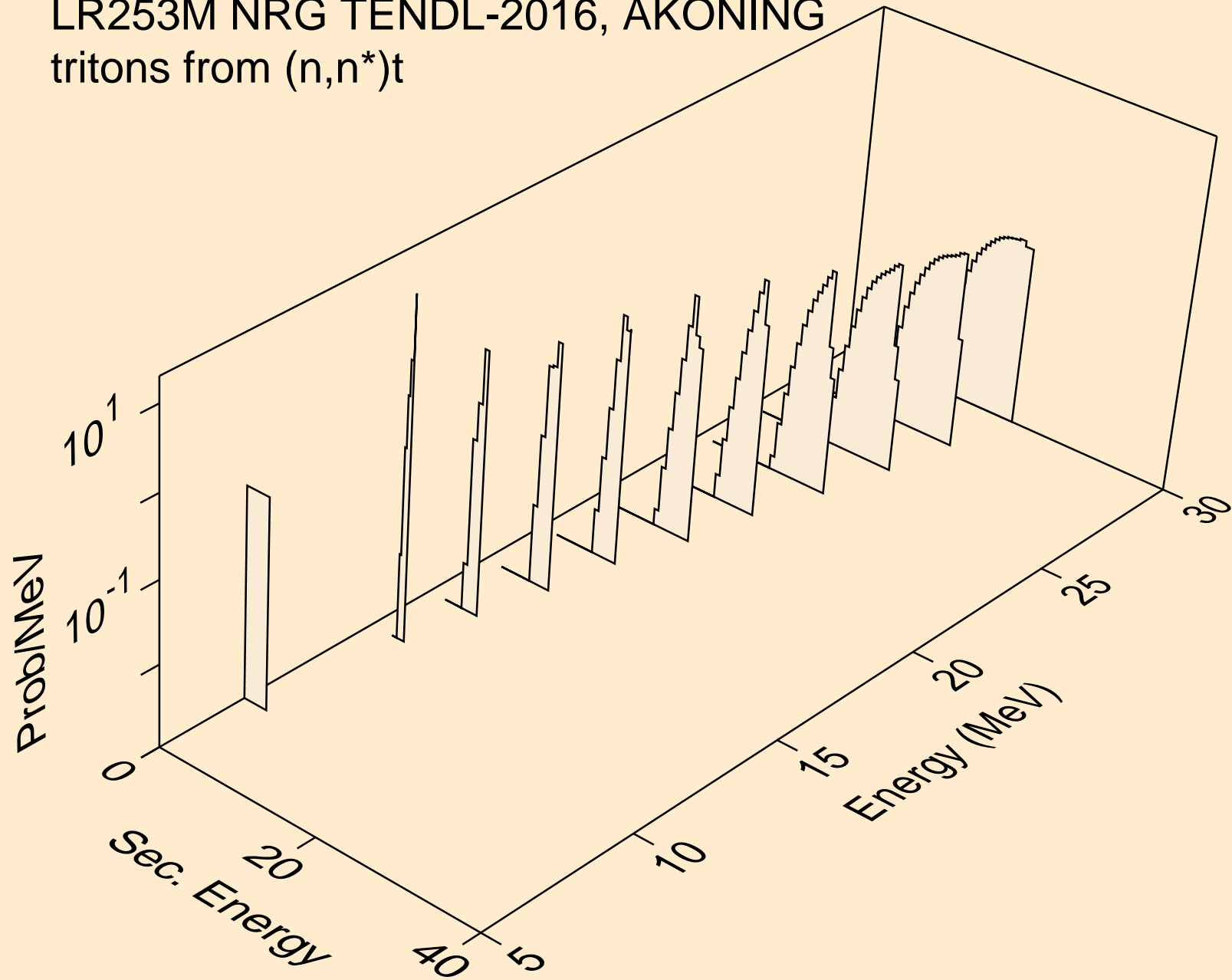




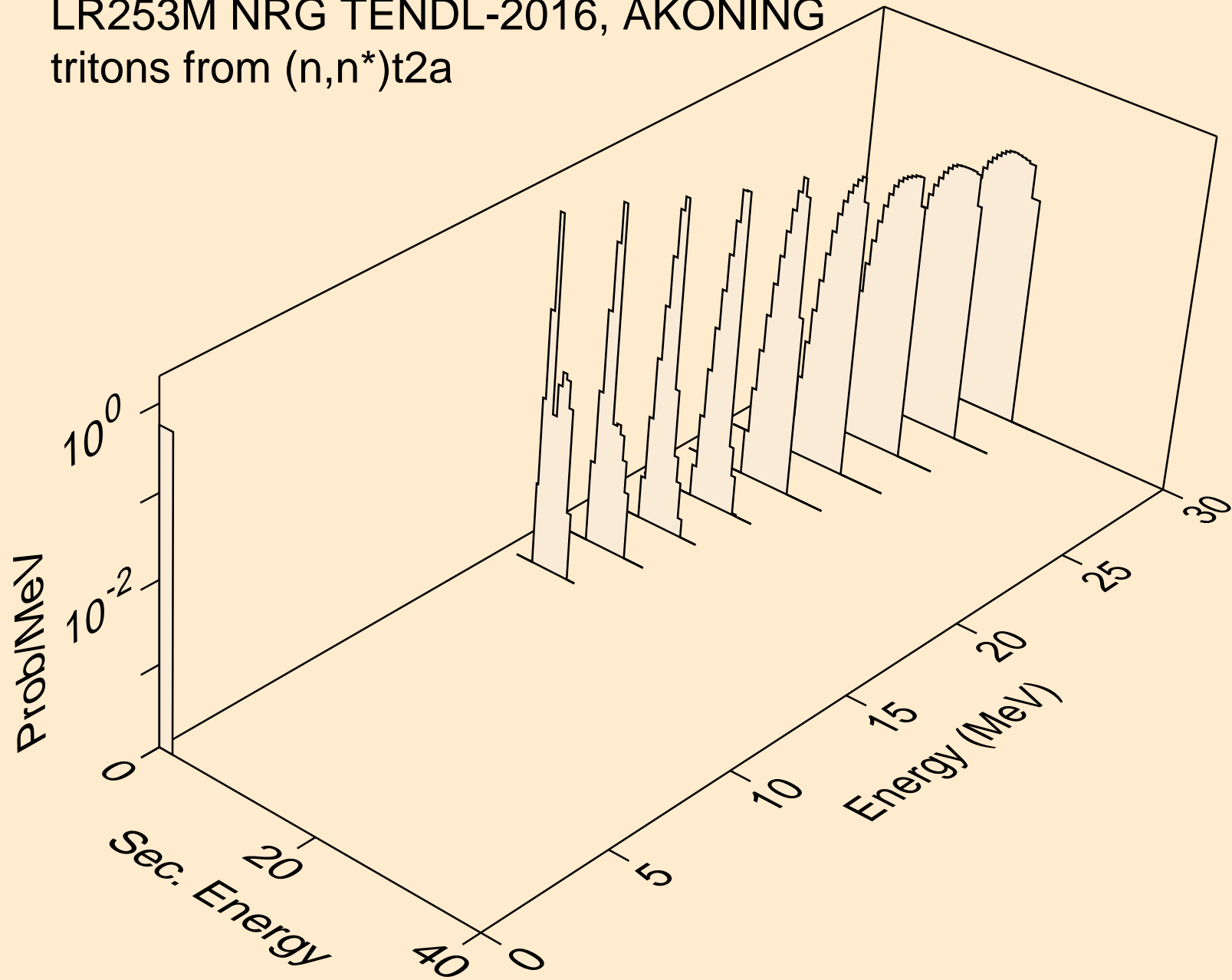
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tritons from (n,x)



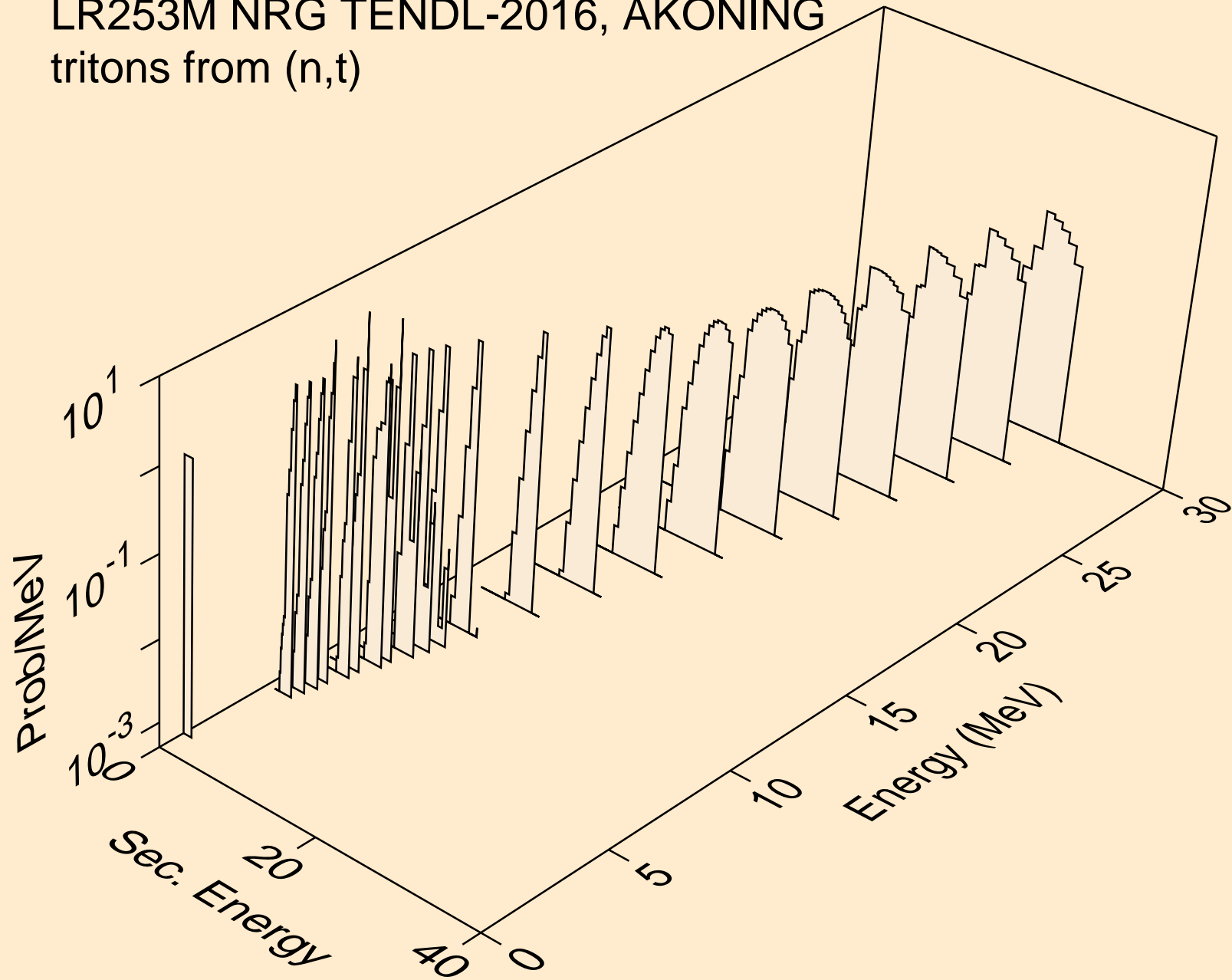
LR253M NRG TENDL-2016, AKONING  
tritons from (n,n\*)t



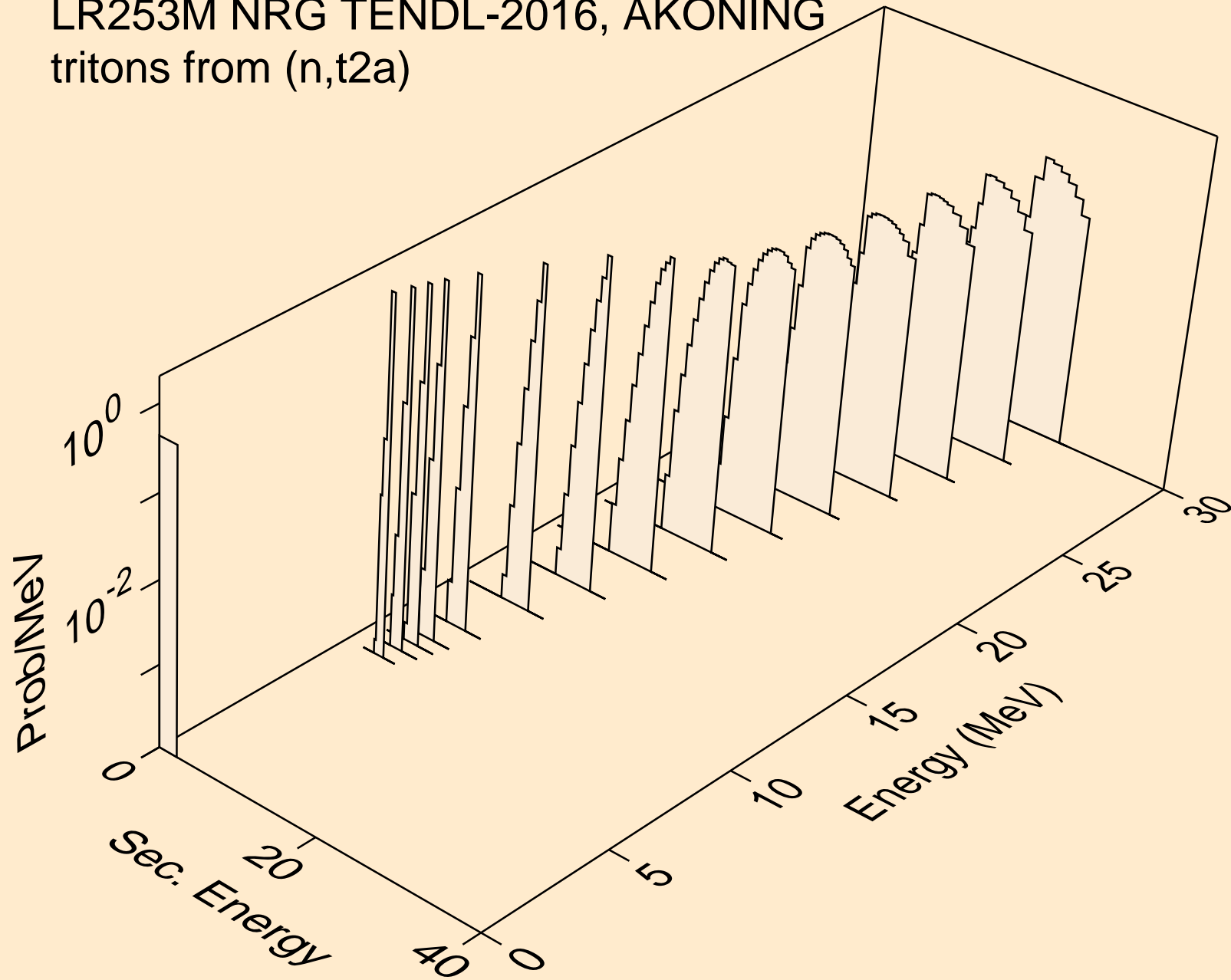
LR253M NRG TENDL-2016, AKONING  
tritons from (n,n\*)t2a



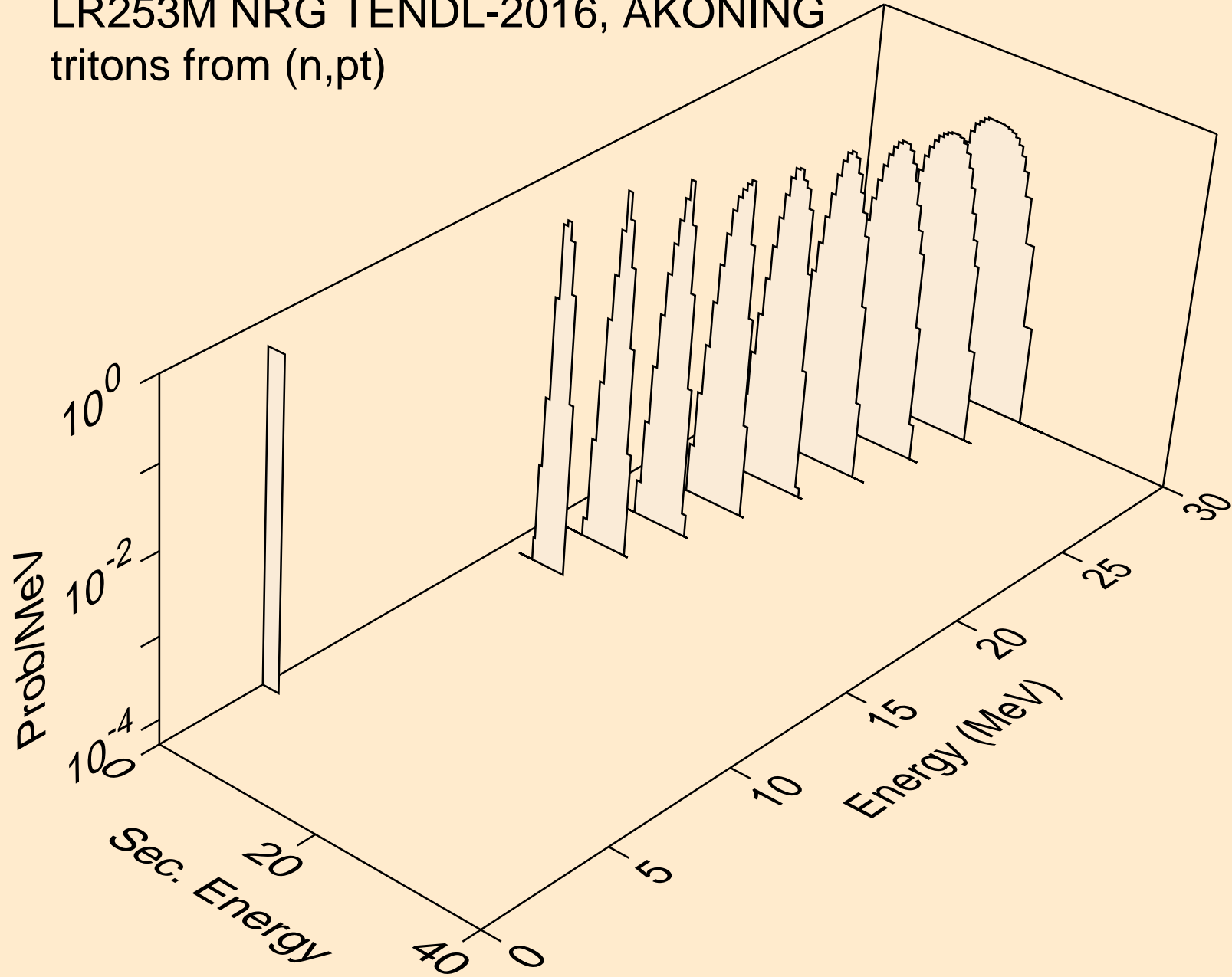
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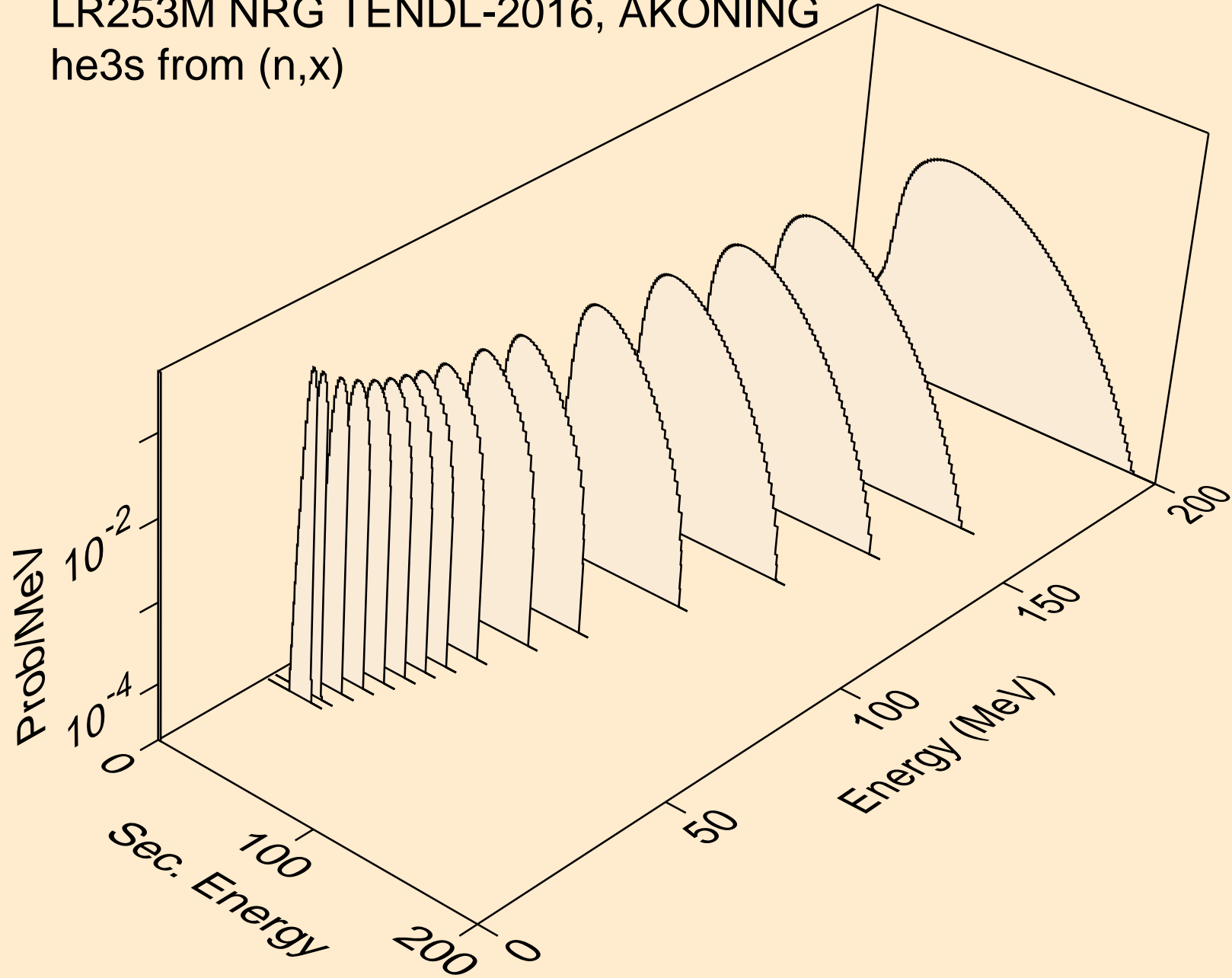
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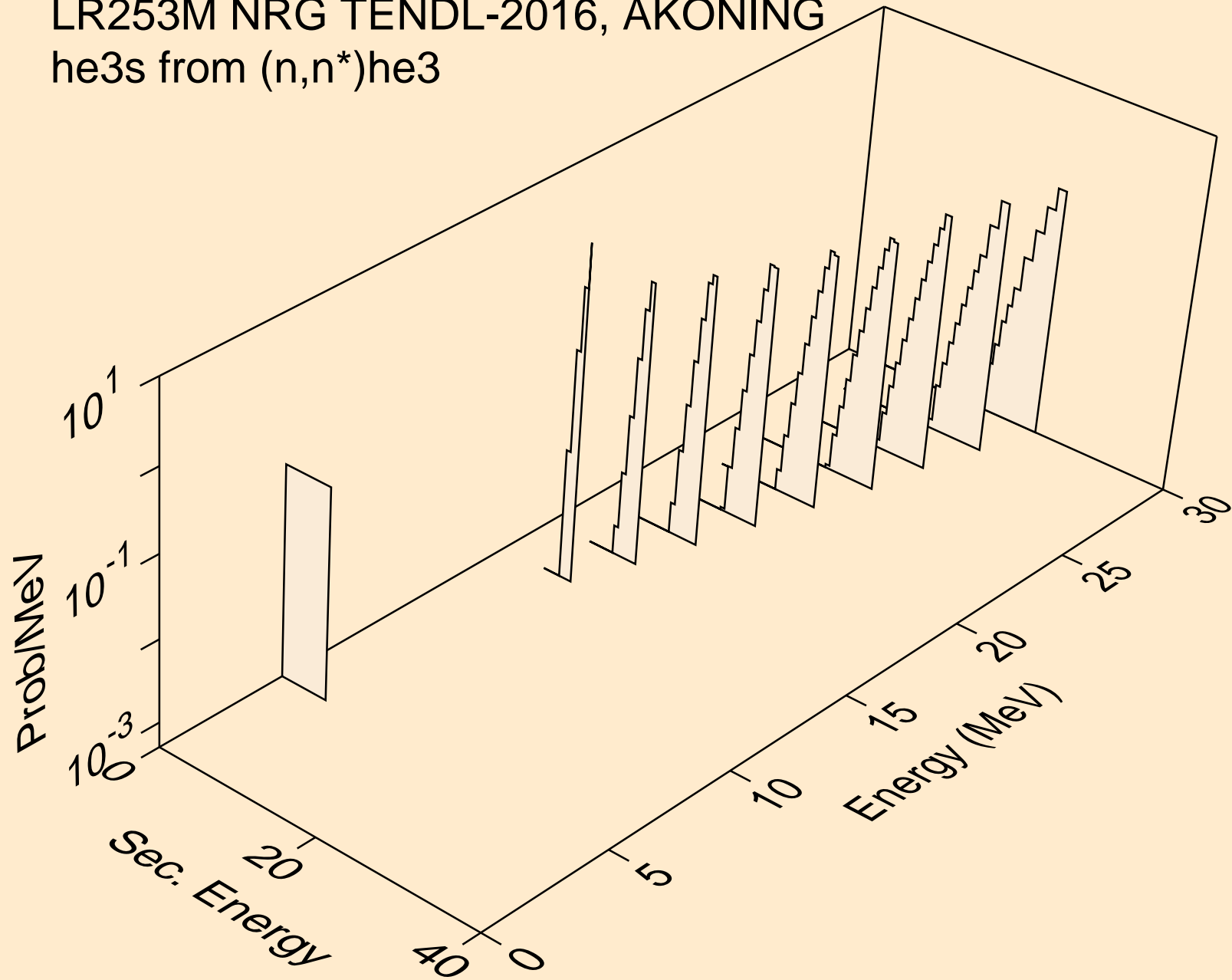
LR253M NRG TENDL-2016, AKONING  
tritons from (n,pt)



LR253M NRG TENDL-2016, AKONING  
he3s from (n,x)

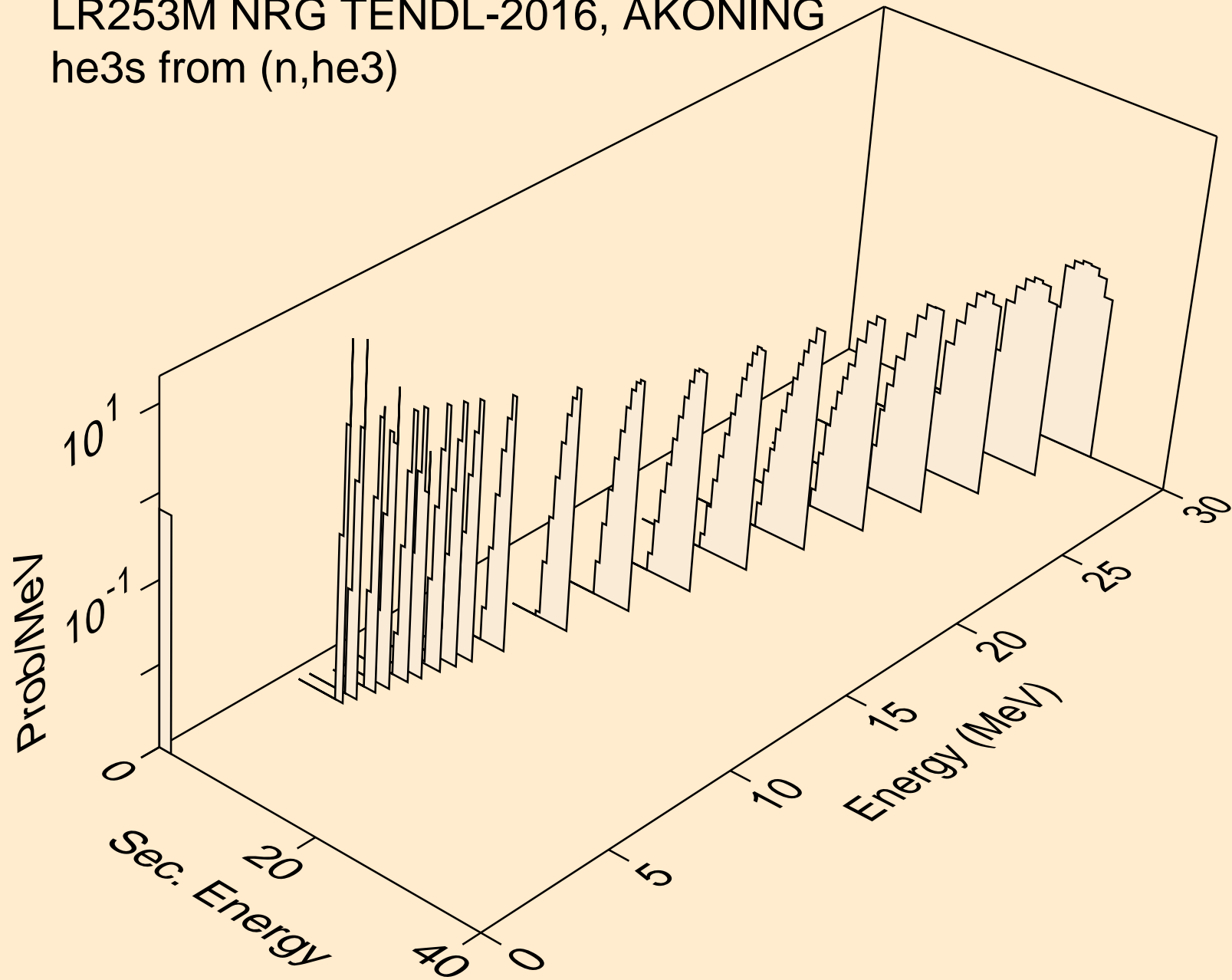


LR253M NRG TENDL-2016, AKONING  
he3s from (n,n\*)he3

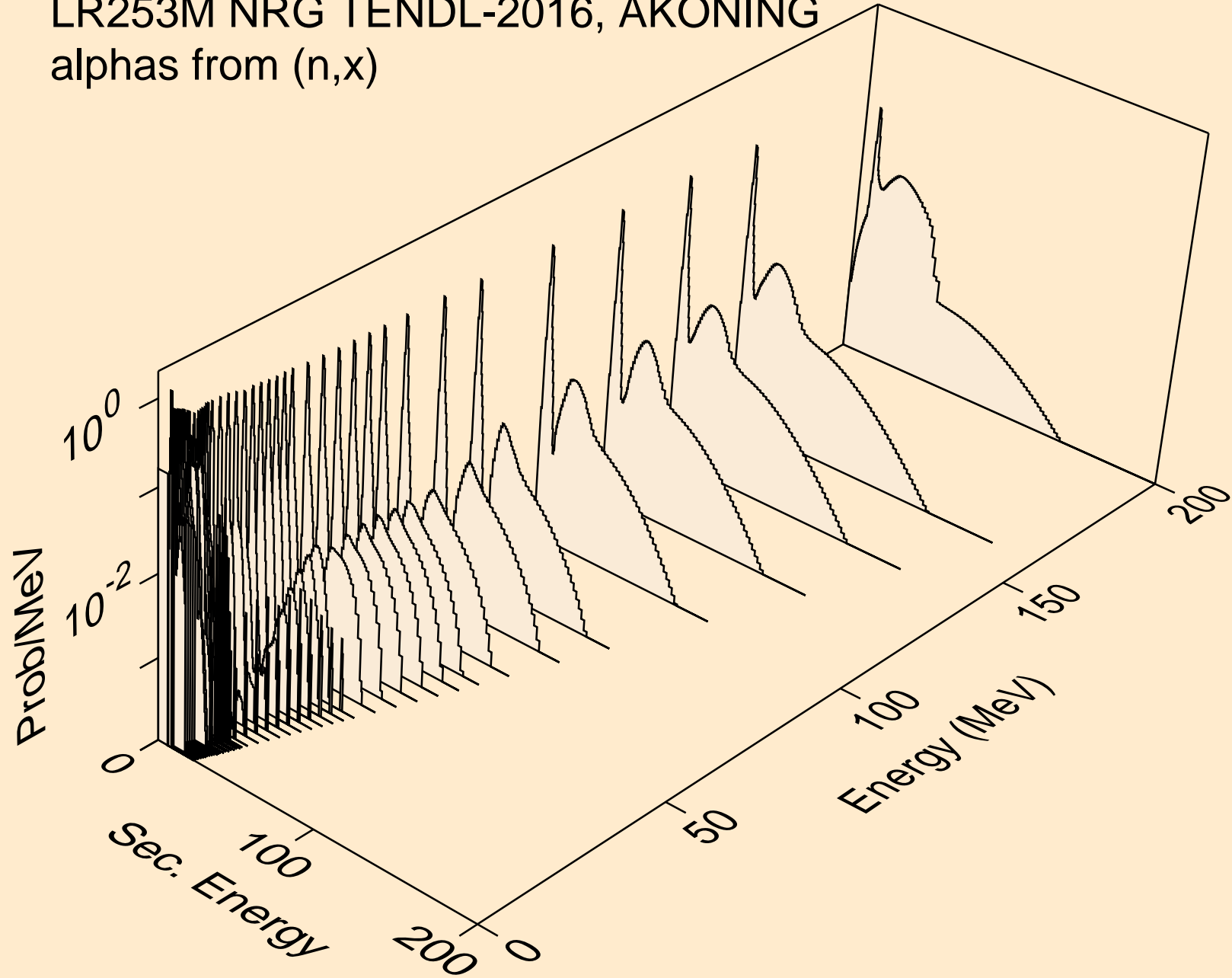




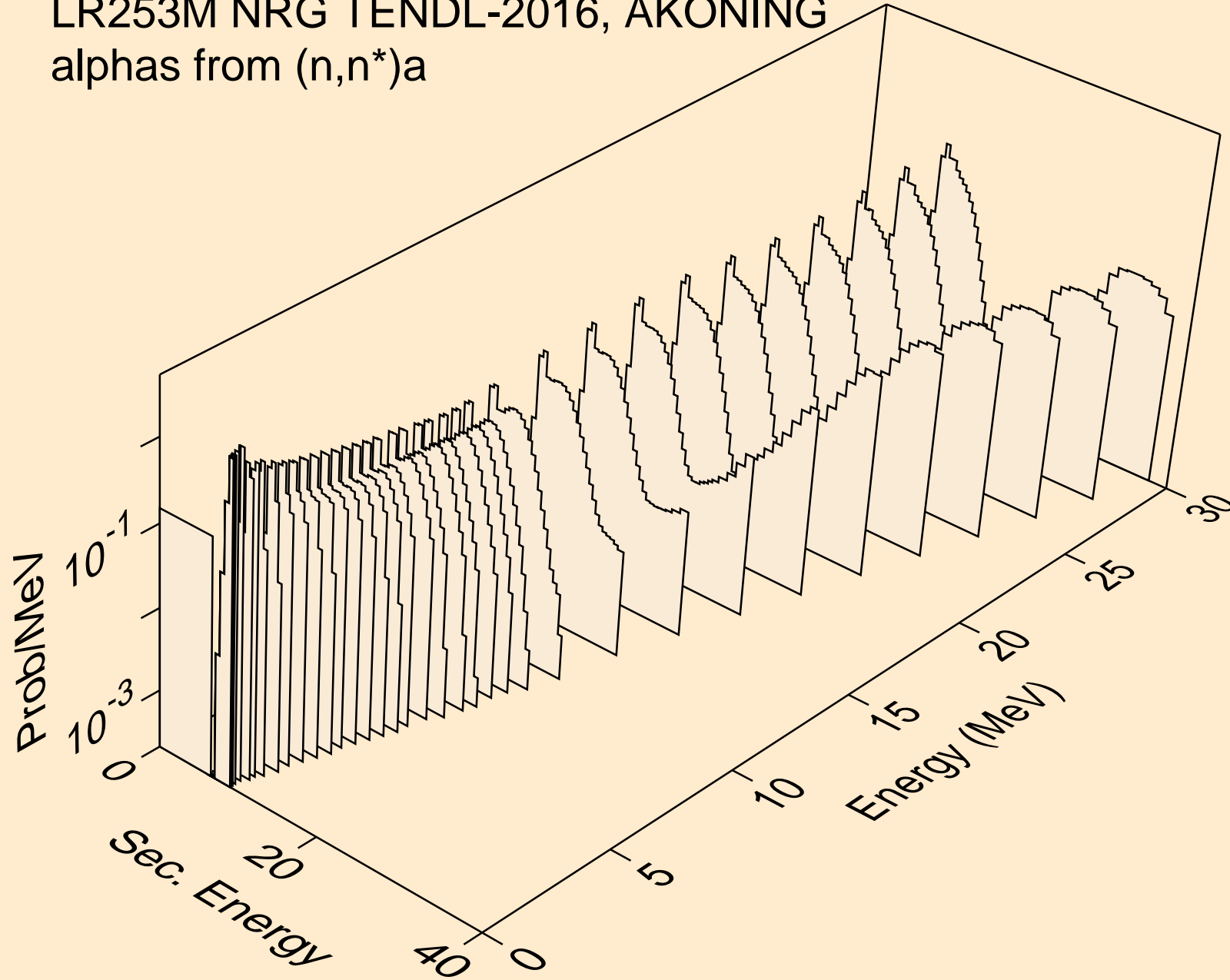
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he3s from (n,he3)



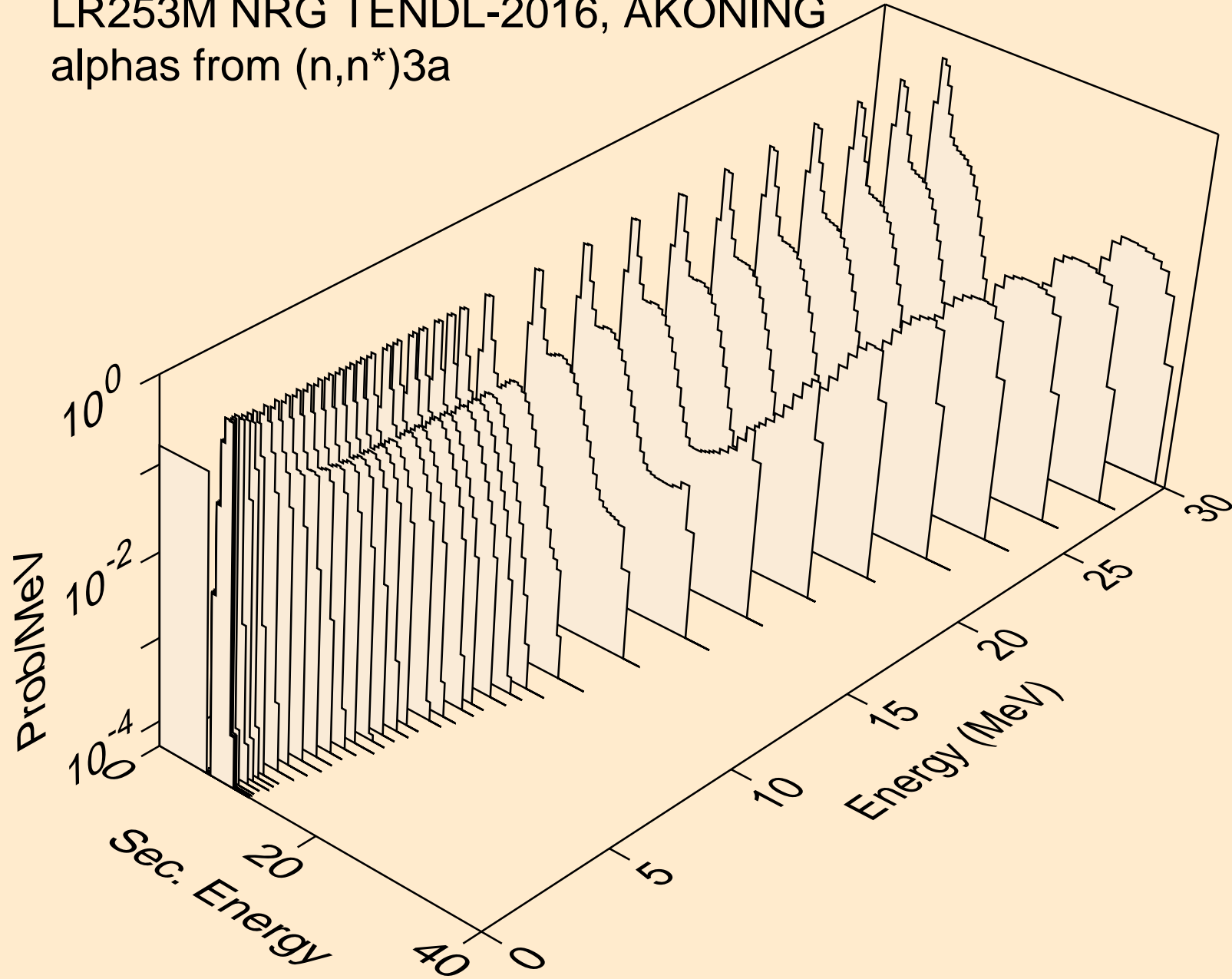
LR253M NRG TENDL-2016, AKONING  
alphas from (n,x)



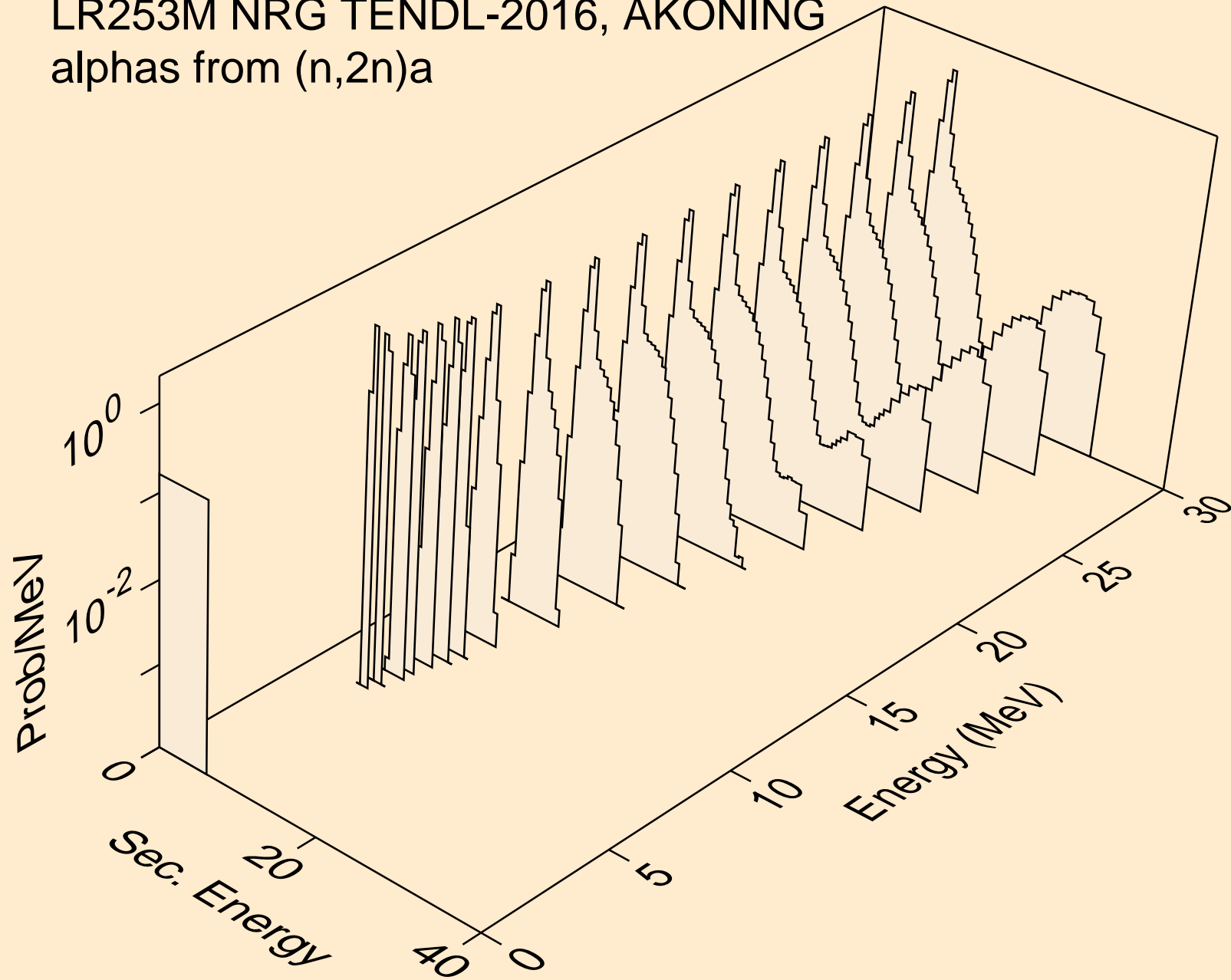
LR253M NRG TENDL-2016, AKONING  
alphas from (n,n\*)a



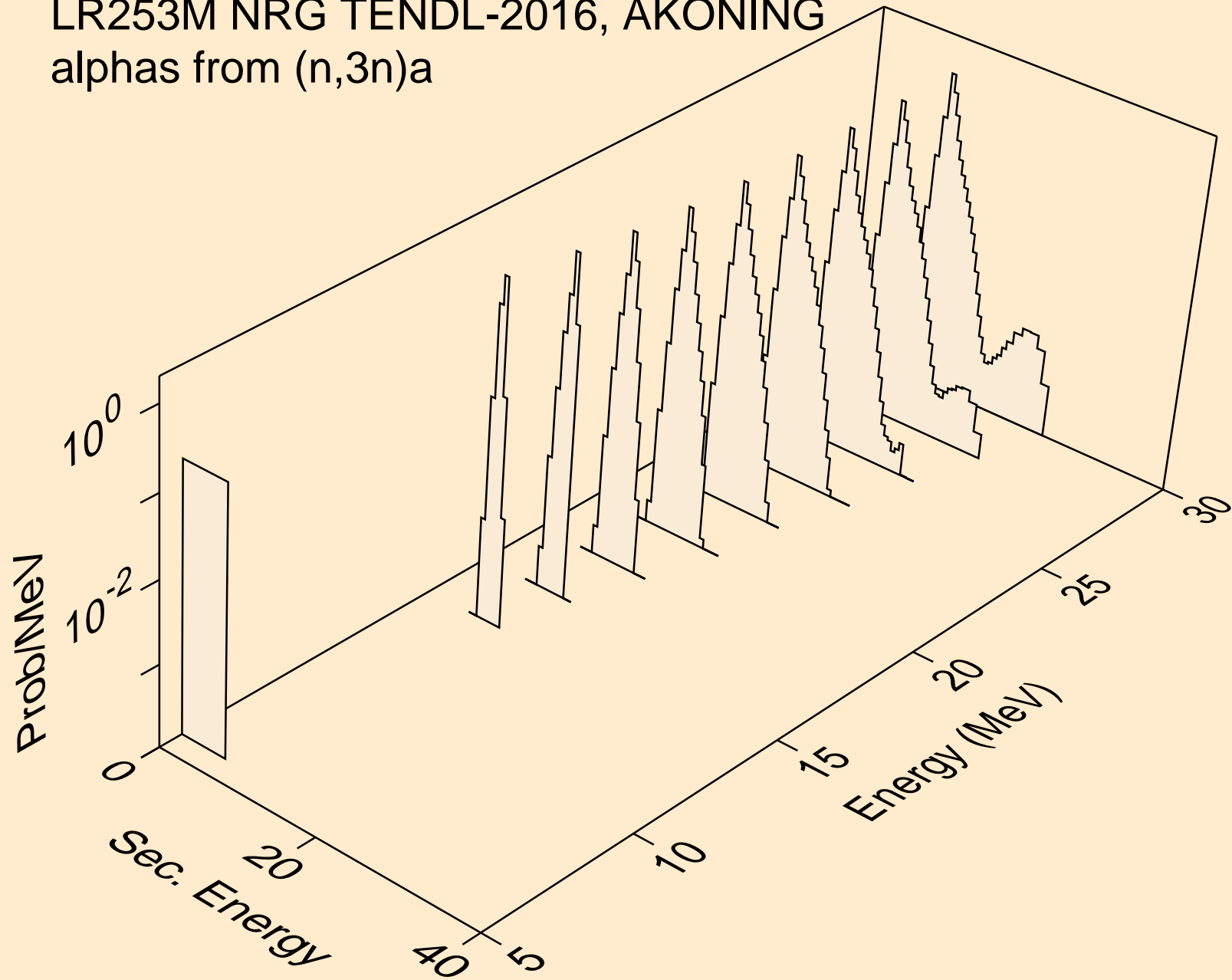
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alphas from (n,n\*)3a



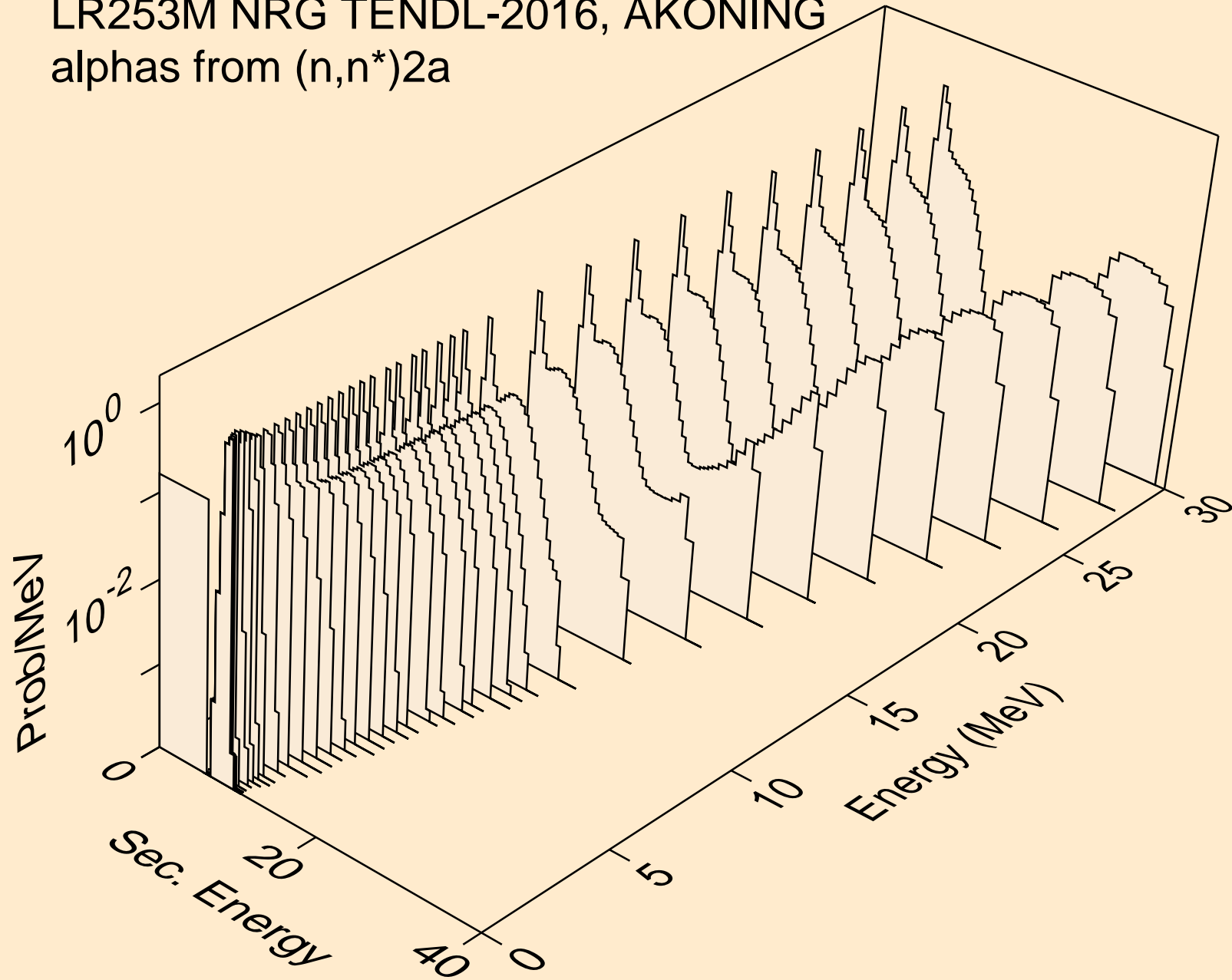
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alphas from (n,2n)a



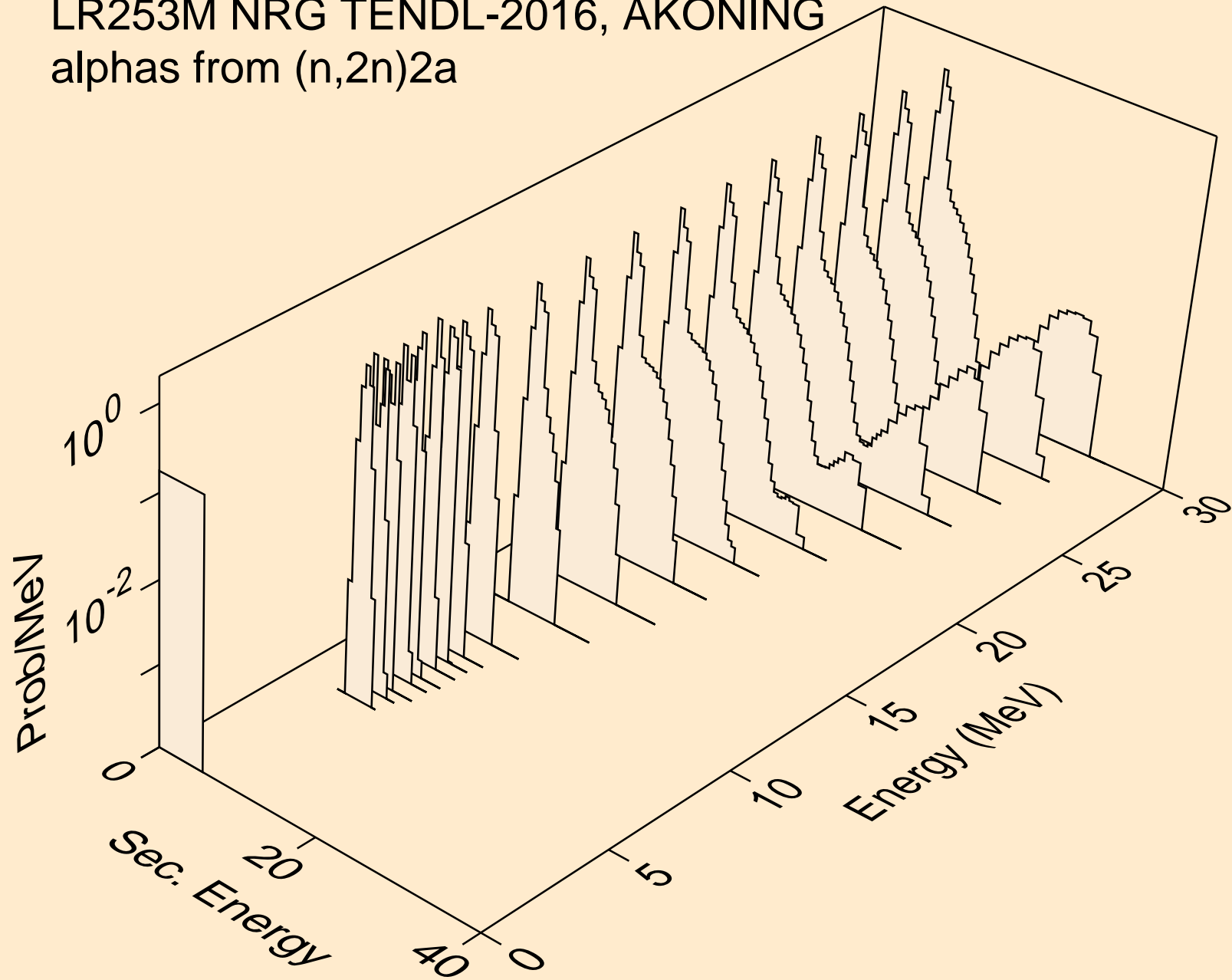
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alphas from (n,3n)a



LR253M NRG TENDL-2016, AKONING  
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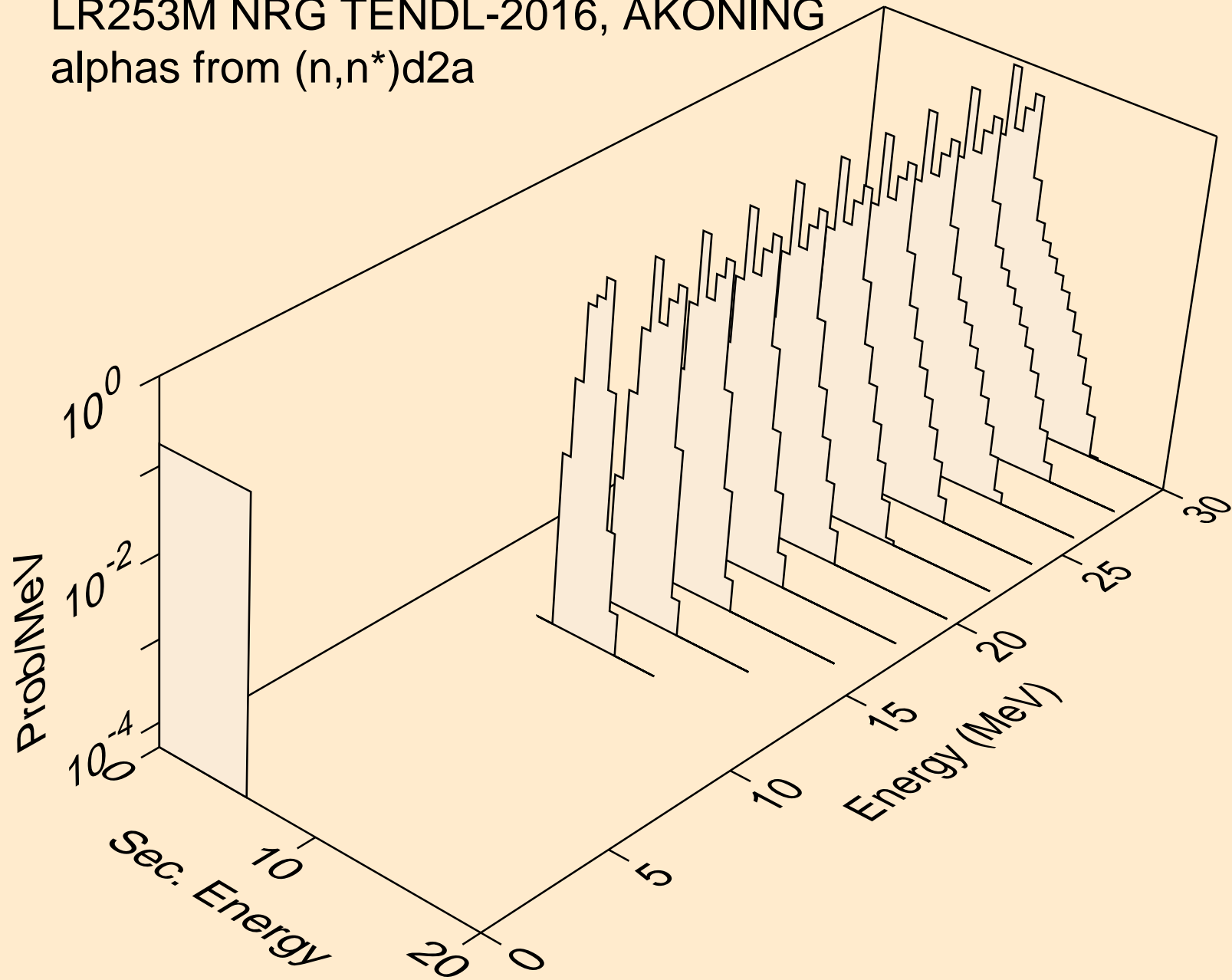


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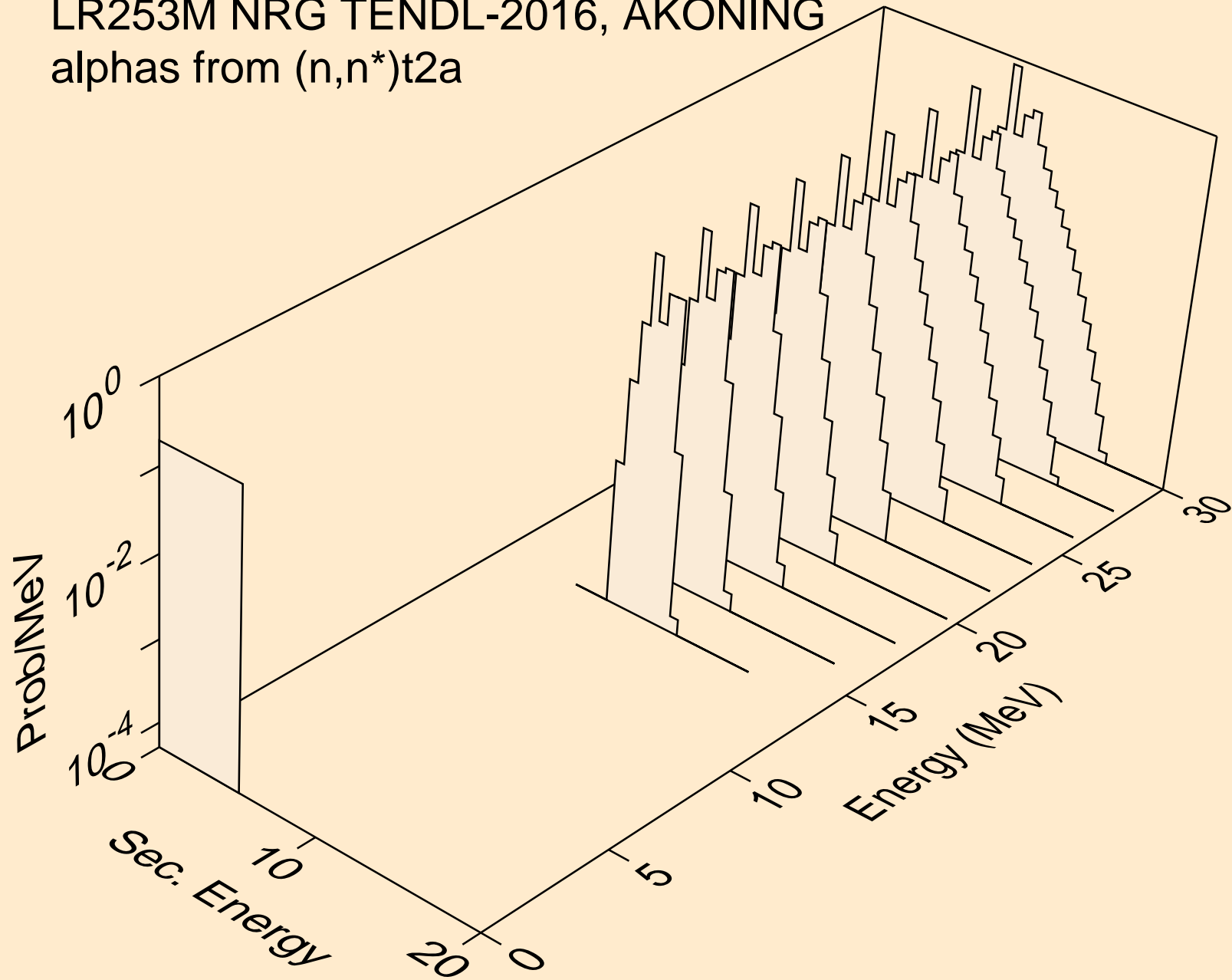




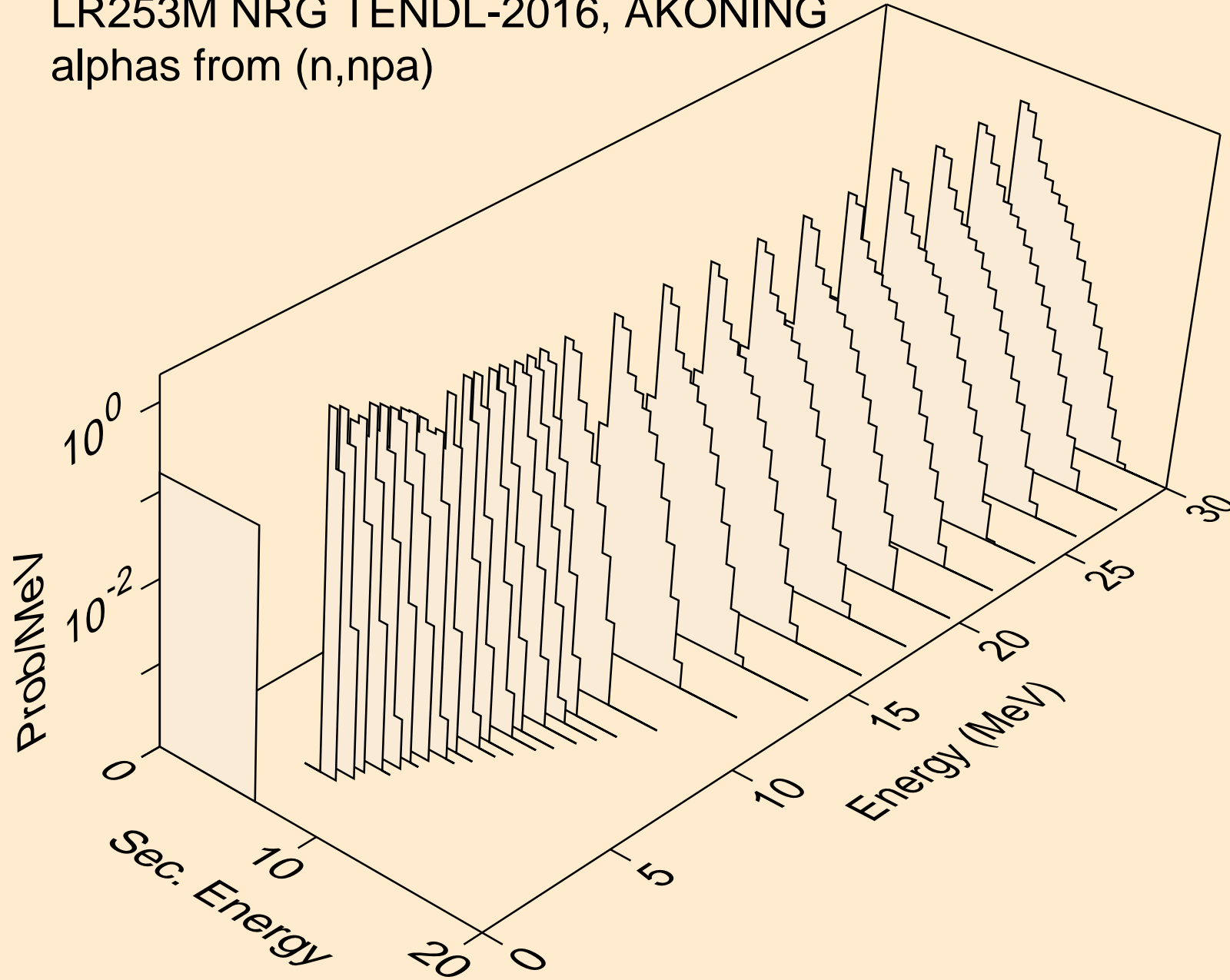
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alphas from (n,n\*)d2a



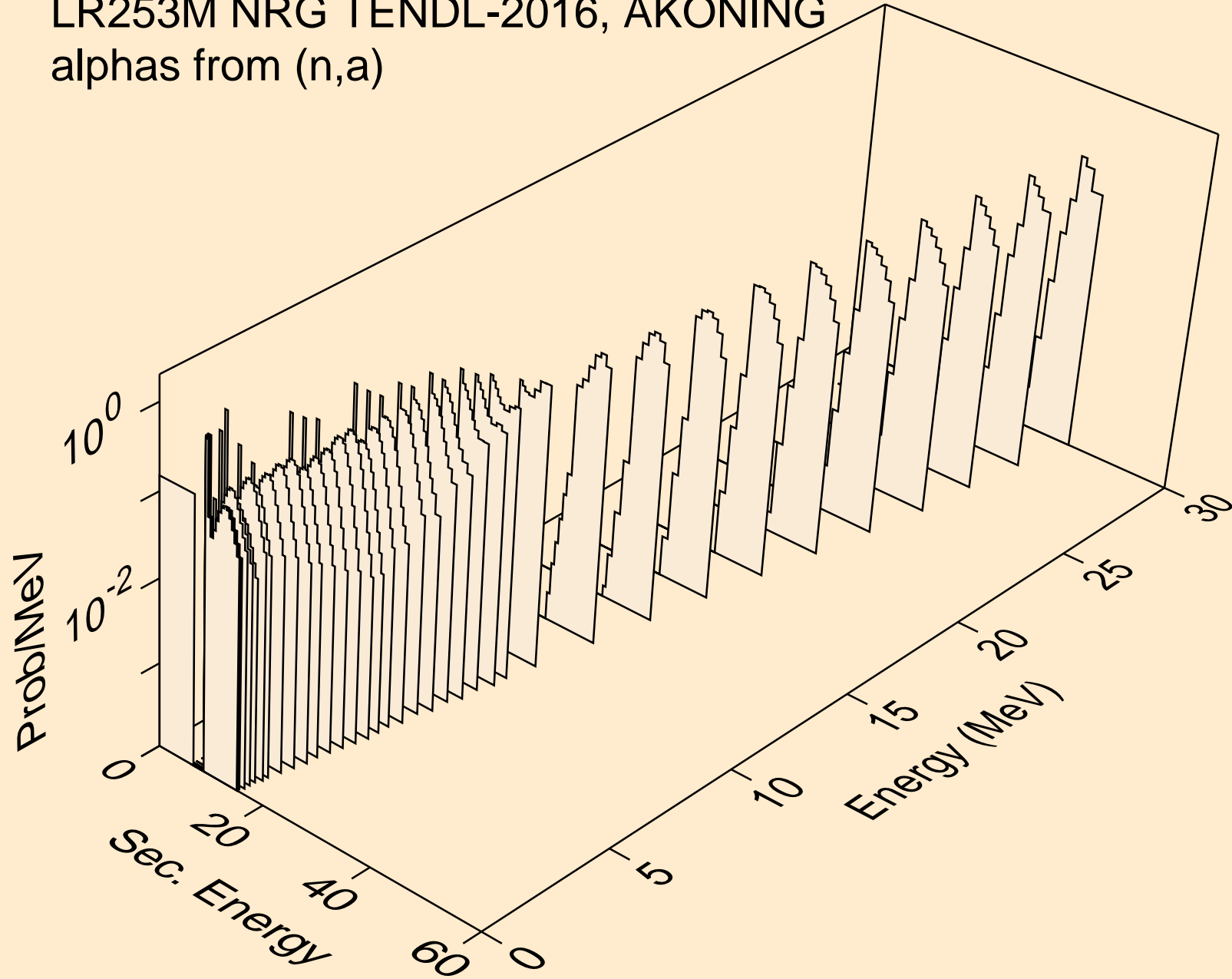
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alphas from (n,n\*)t2a



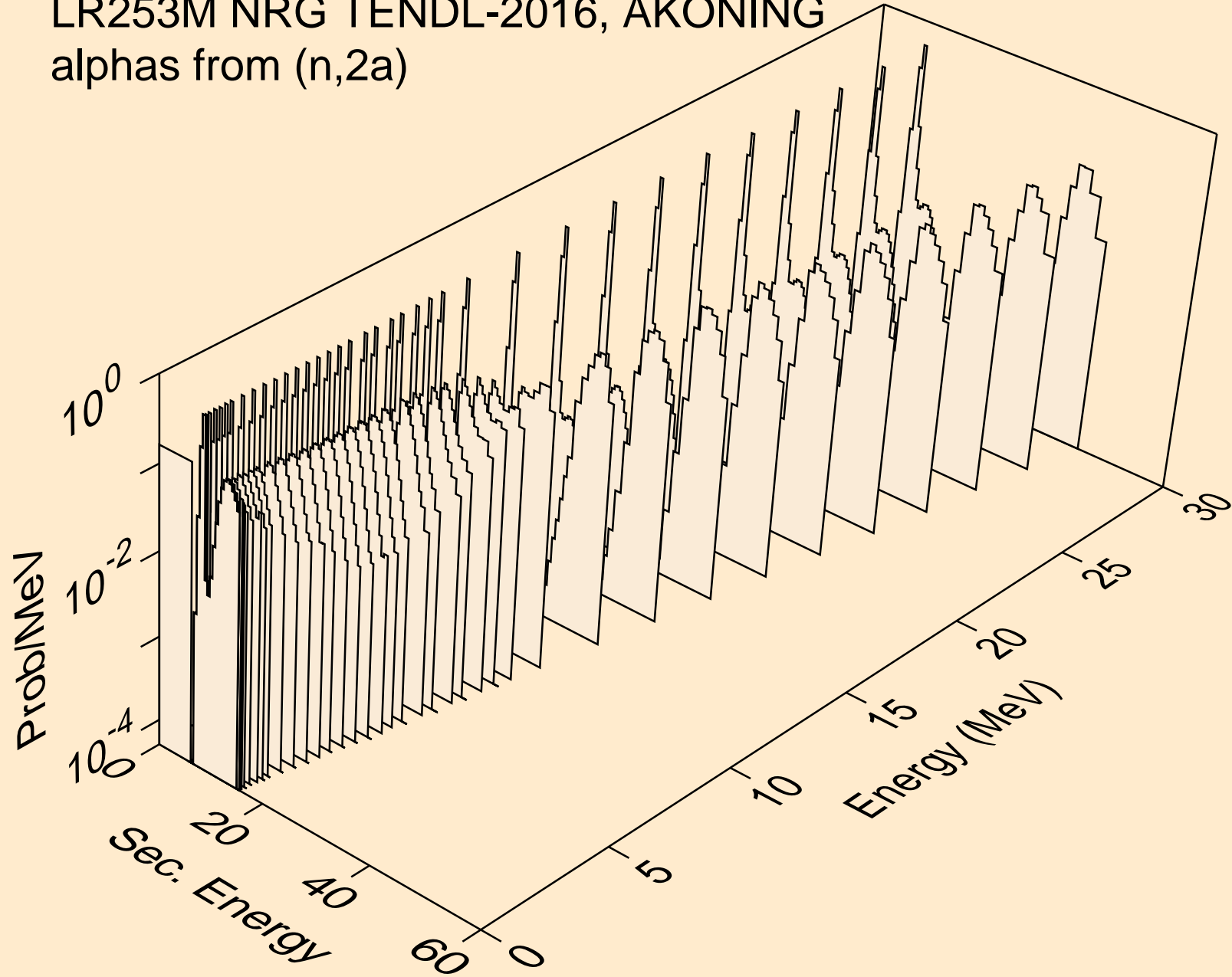
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alphas from (n,npa)



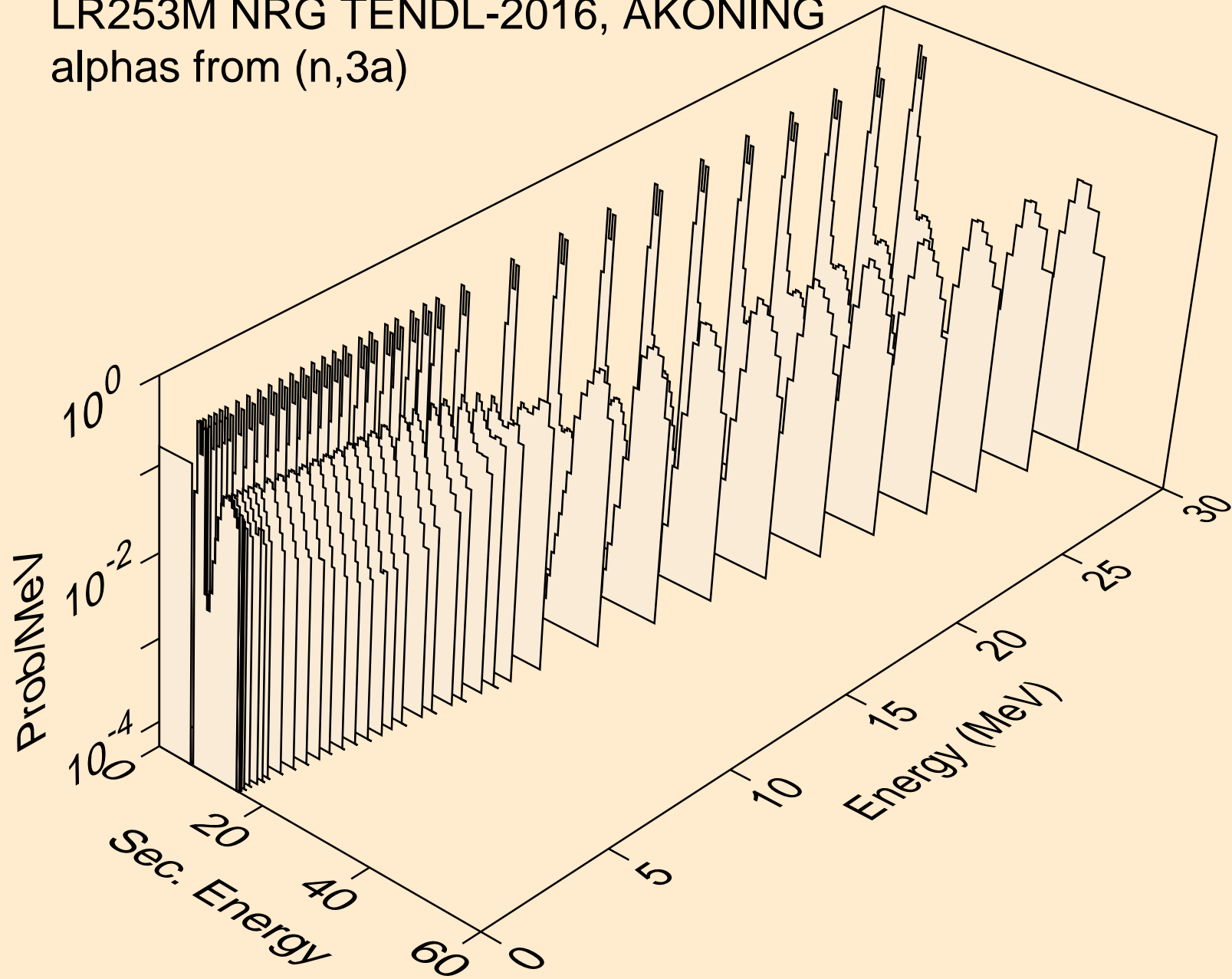
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alphas from (n,a)



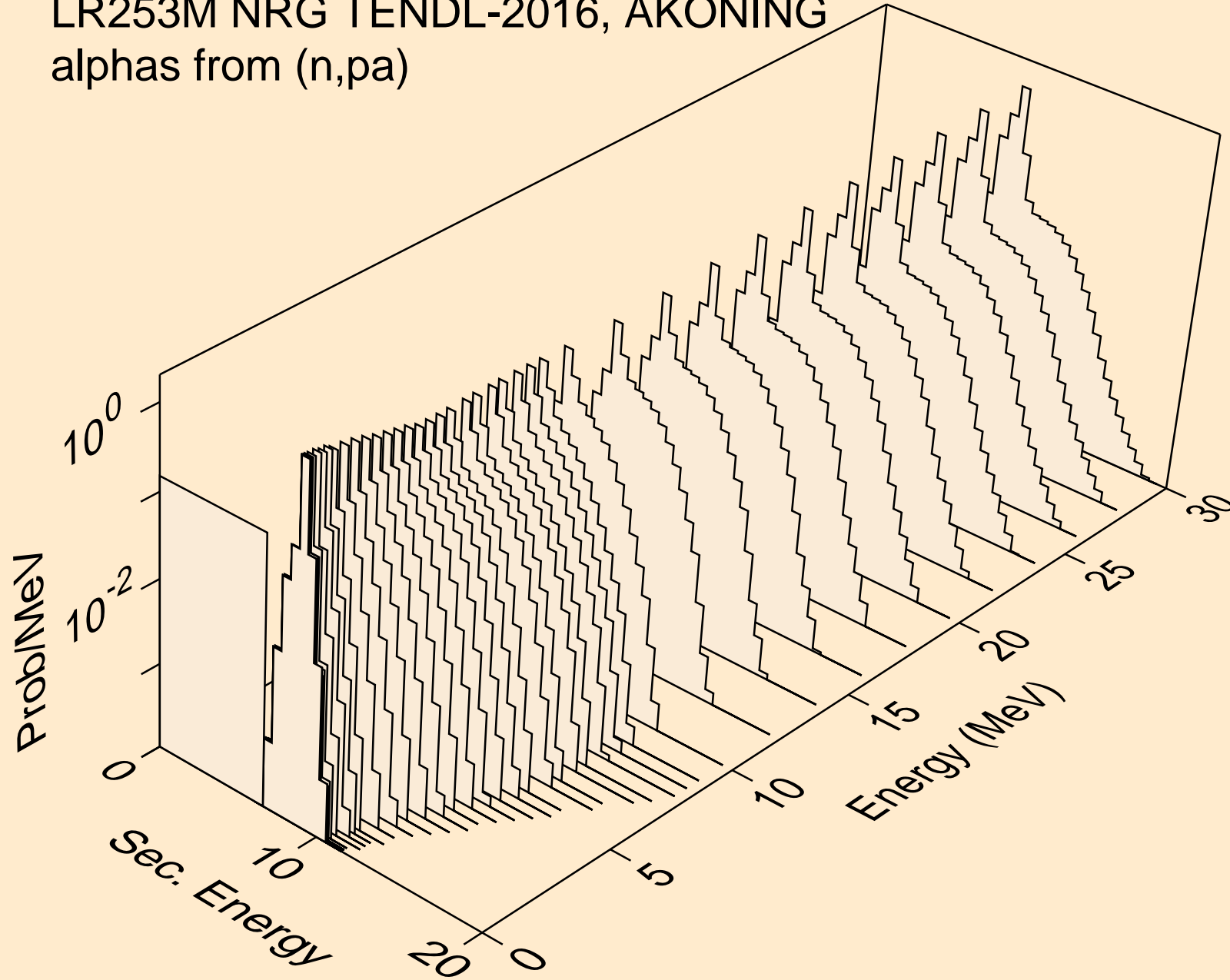
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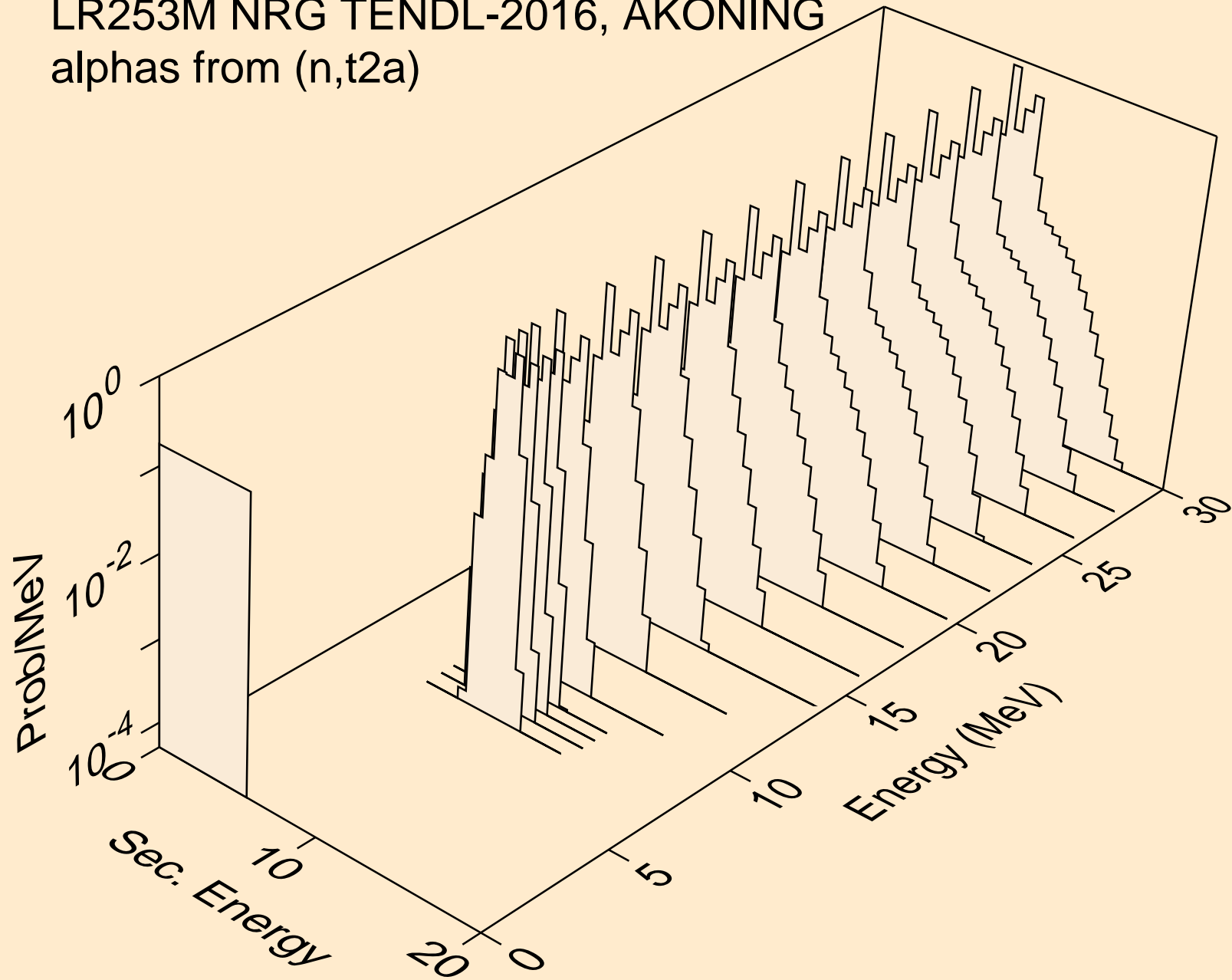
LR253M NRG TENDL-2016, AKONING  
alphas from (n,3a)



LR253M NRG TENDL-2016, AKONING  
alphas from (n,pa)

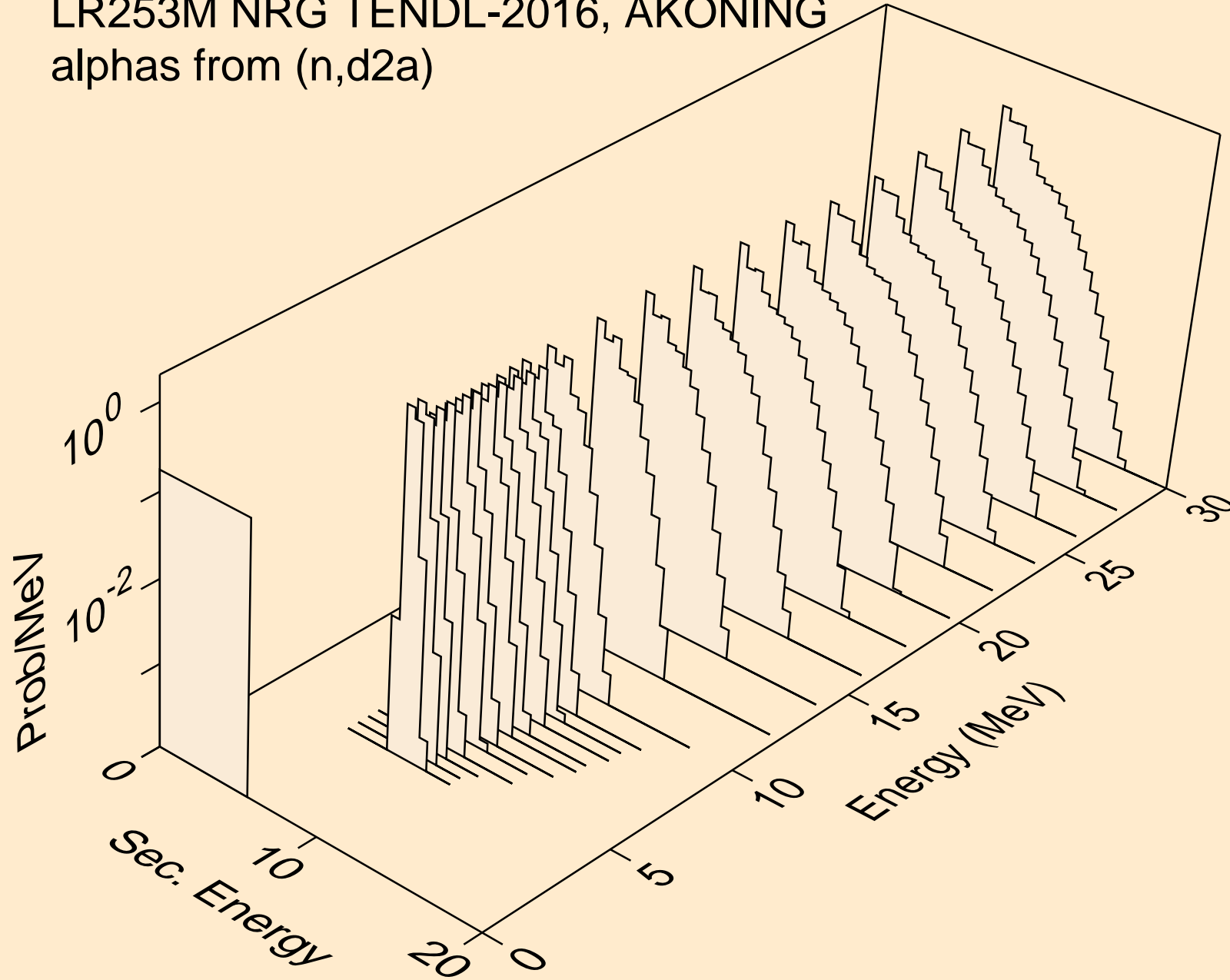


LR253M NRG TENDL-2016, AKONING  
alphas from (n,t2a)





LR253M NRG TENDL-2016, AKONING  
alphas from (n,d2a)



LR253M NRG TENDL-2016, AKONING  
alphas from (n,da)

