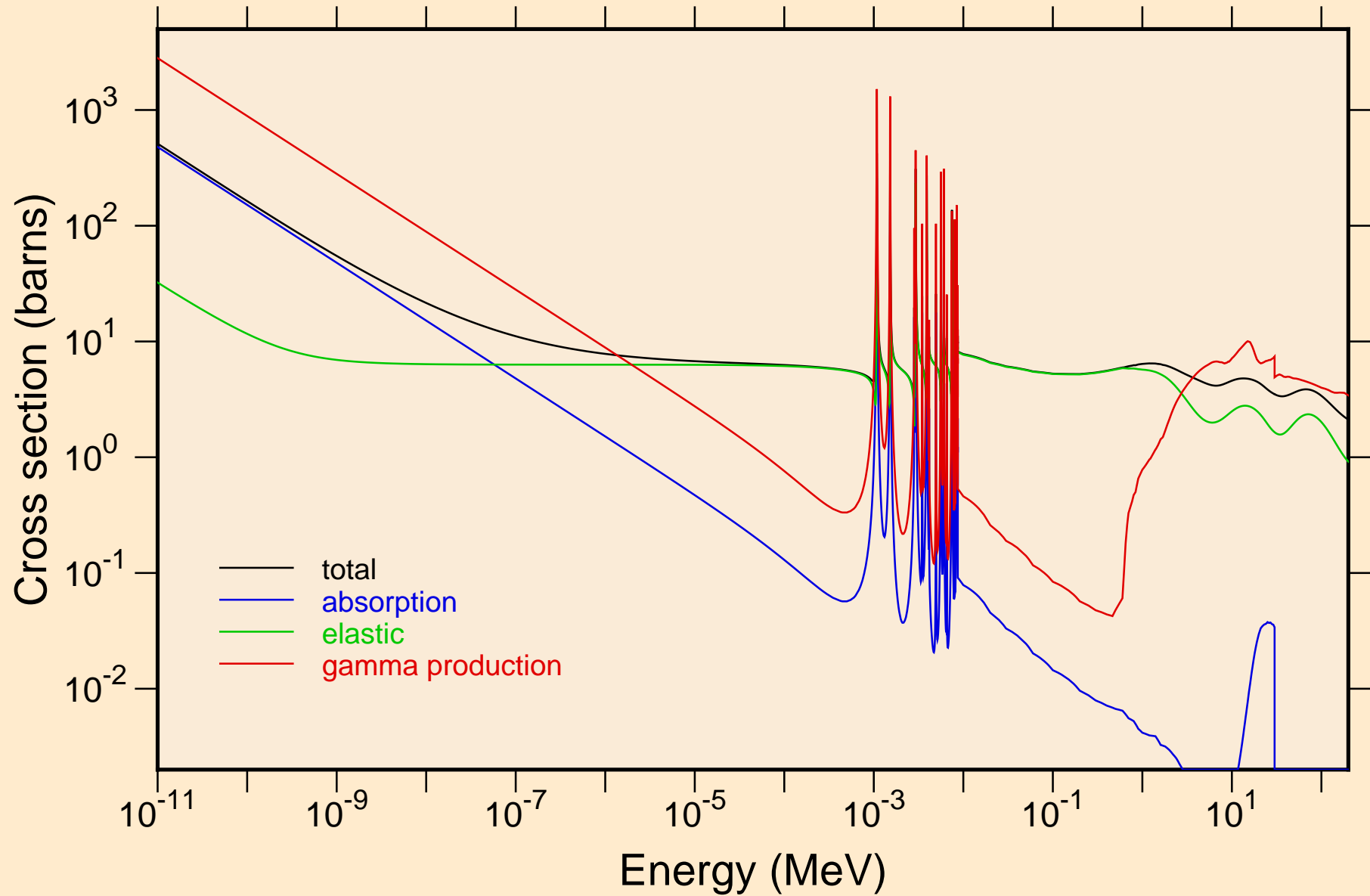
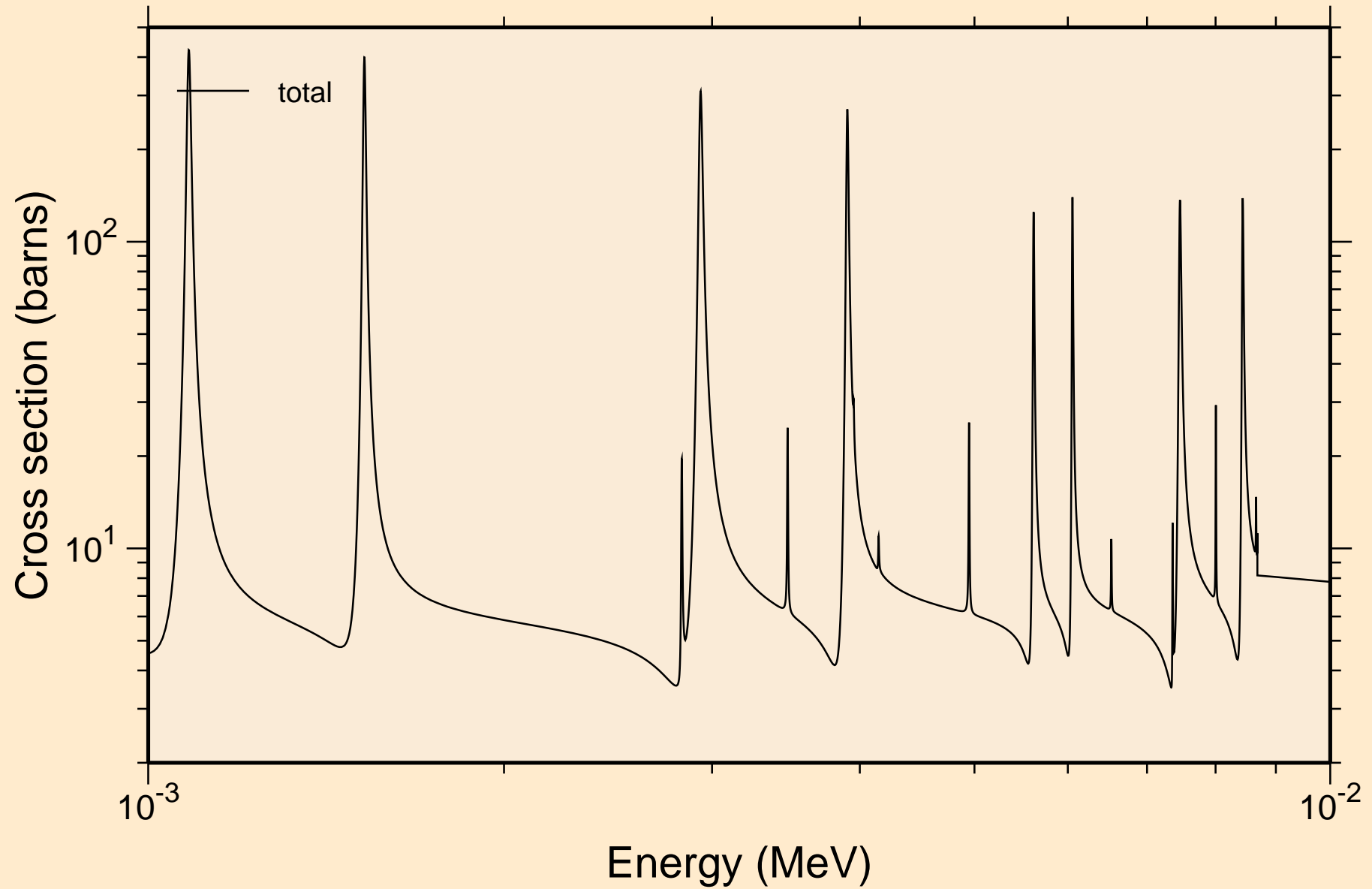


# TE131M NRG TENDL-2015, AKONING

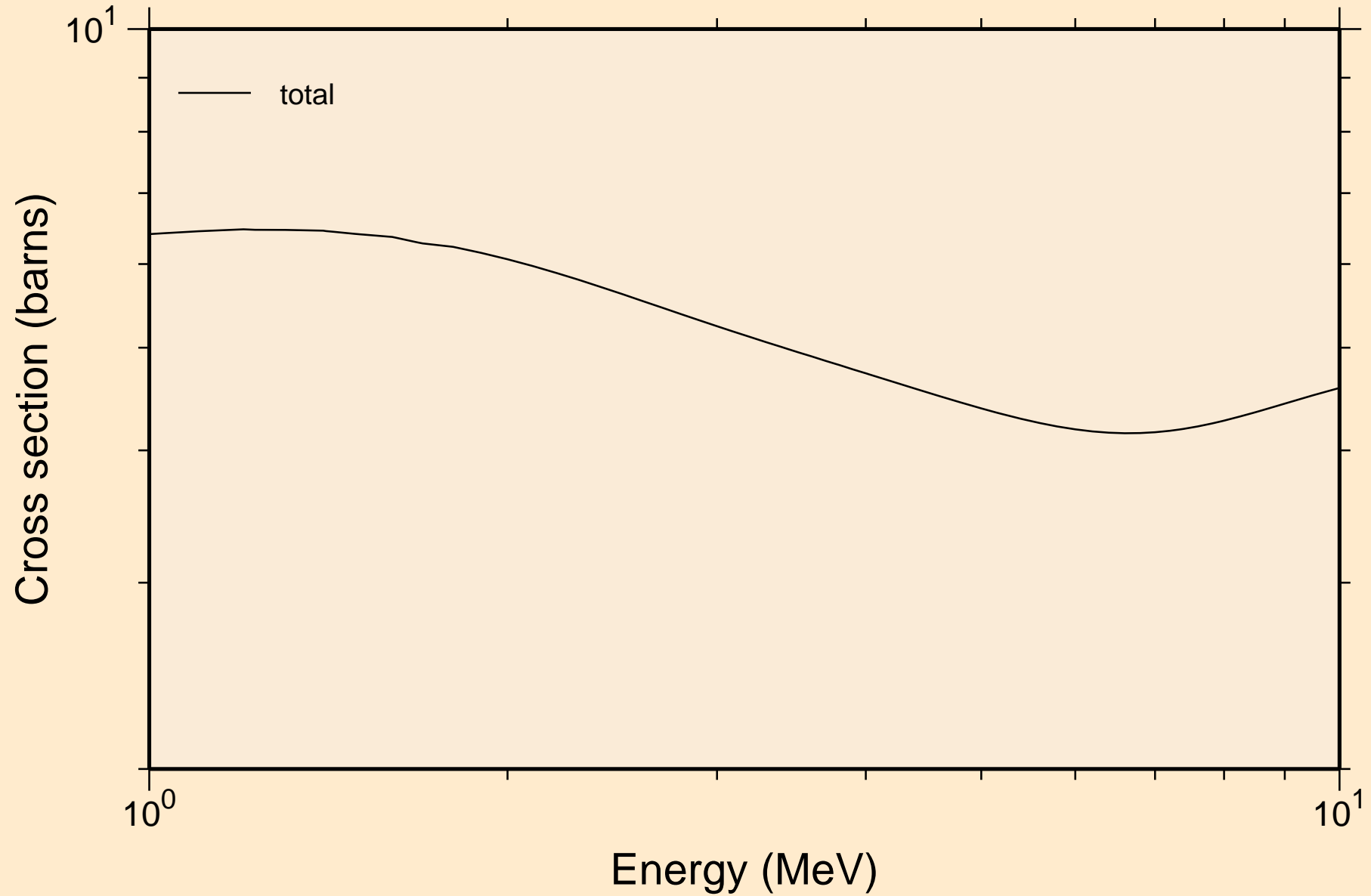
## Principal cross sections



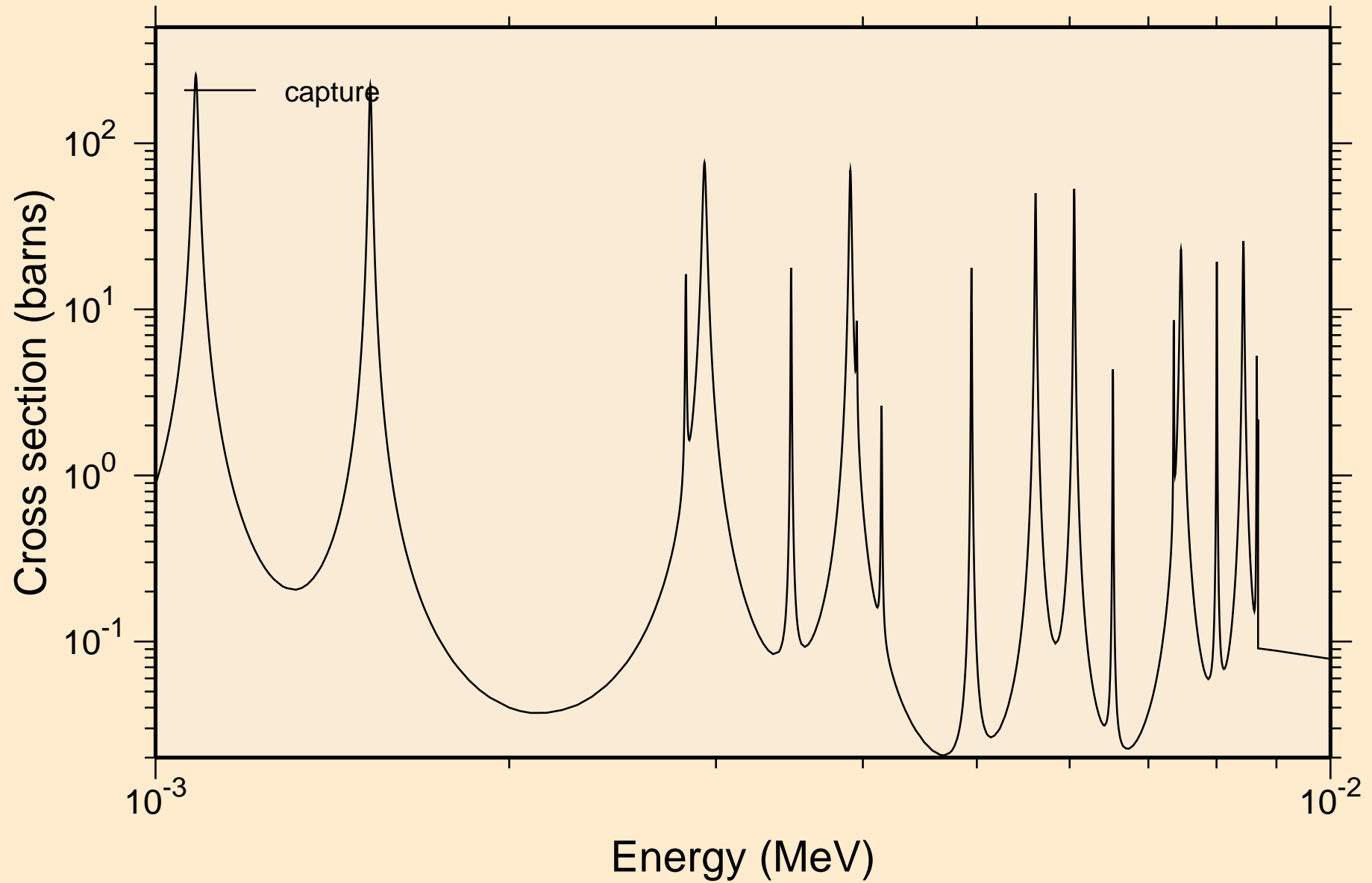
TE131M NRG TENDL-2015, AKONING  
resonance total cross section



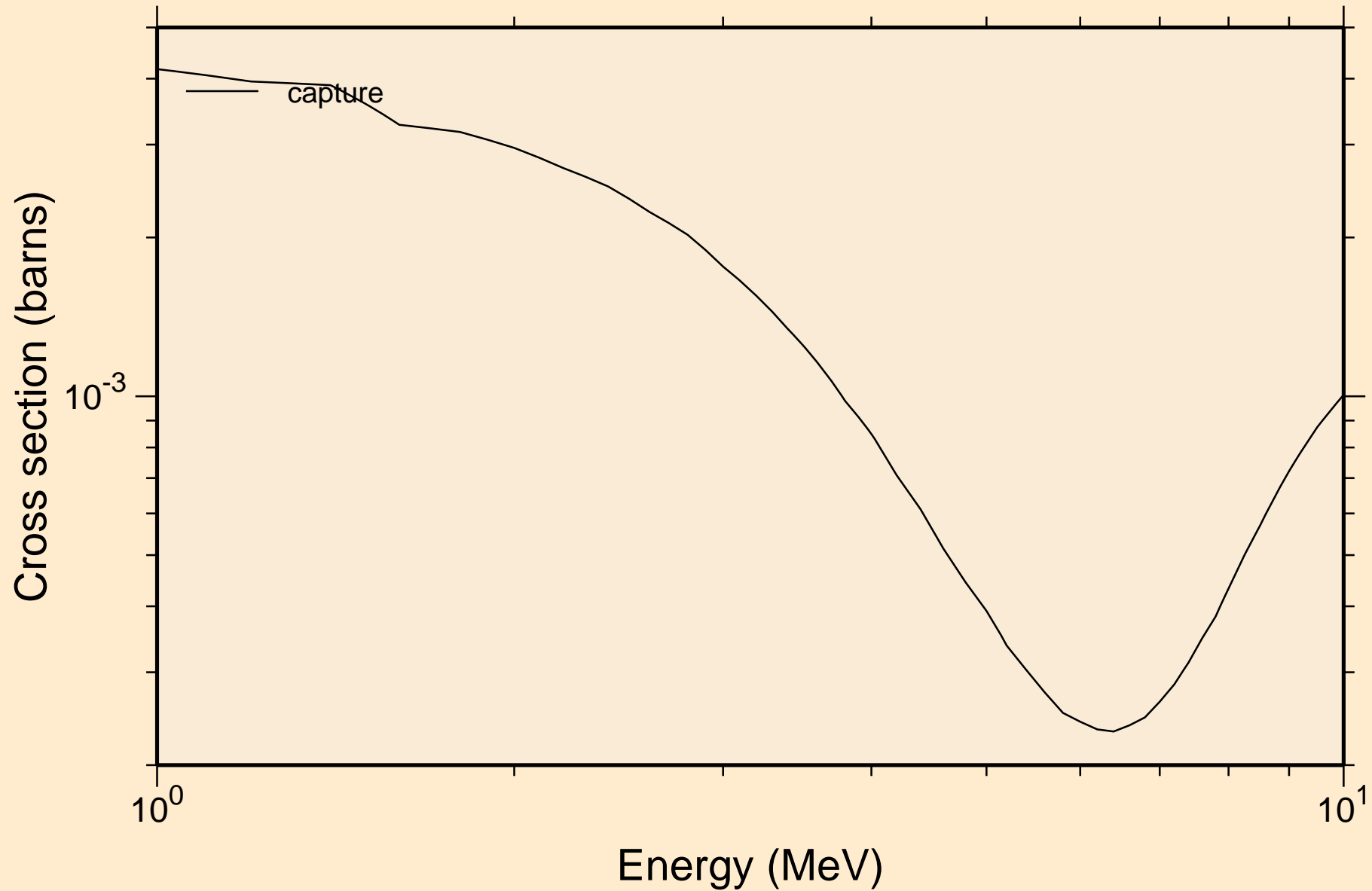
TE131M NRG TENDL-2015, AKONING  
resonance total cross section



# TE131M NRG TENDL-2015, AKONING resonance absorption cross sections

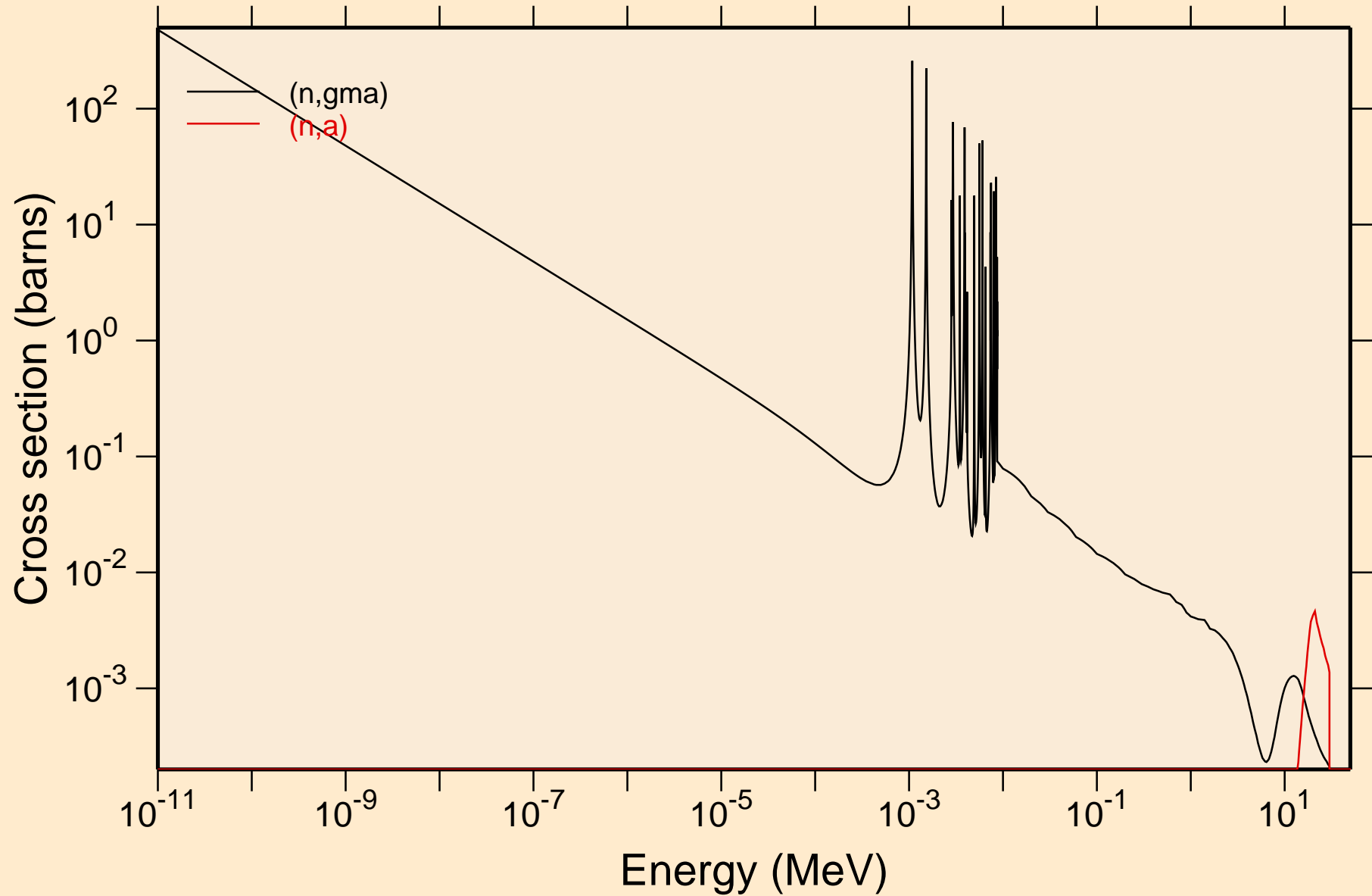


TE131M NRG TENDL-2015, AKONING  
resonance absorption cross sections



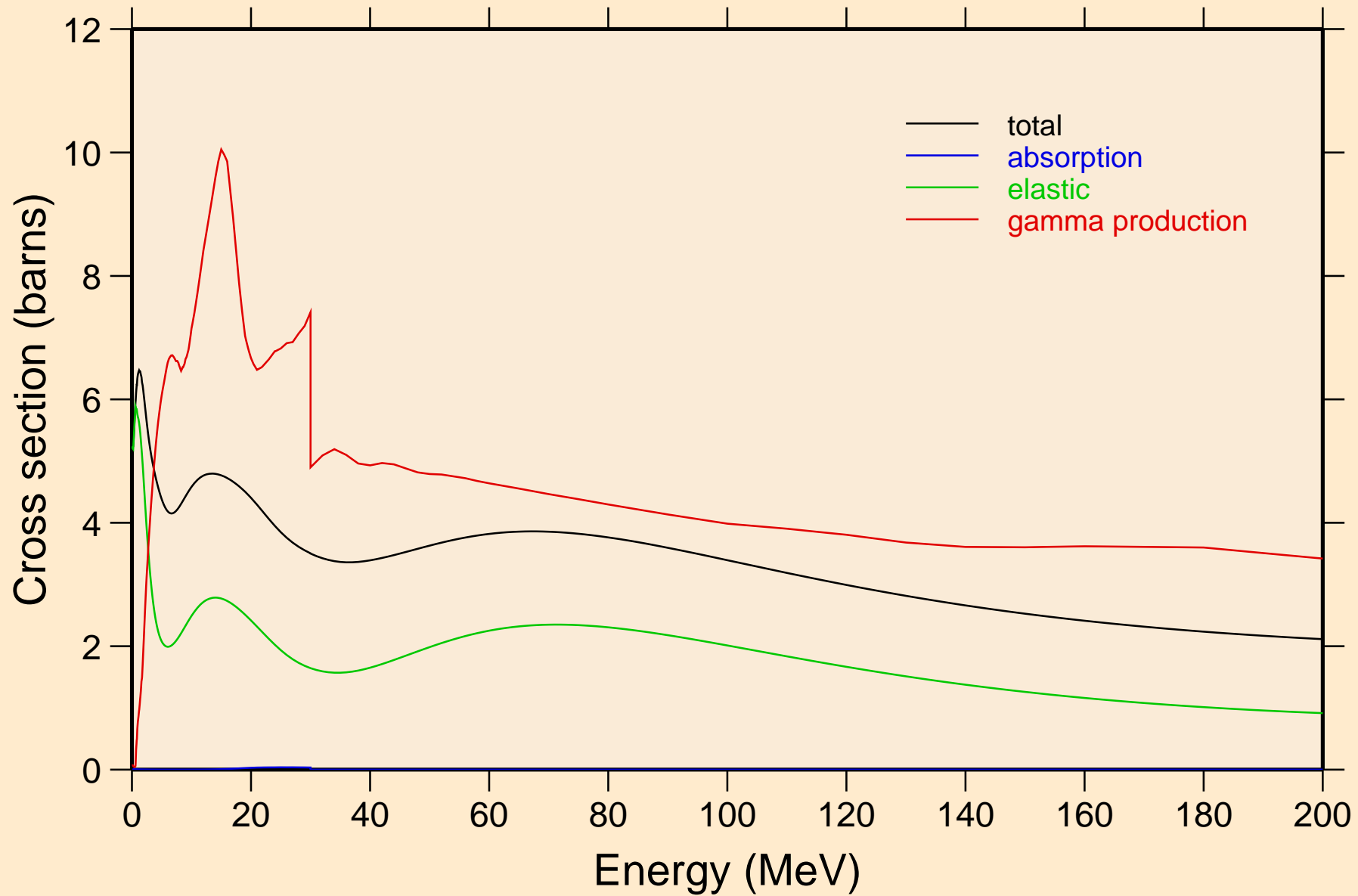
# TE131M NRG TENDL-2015, AKONING

## Non-threshold reactions



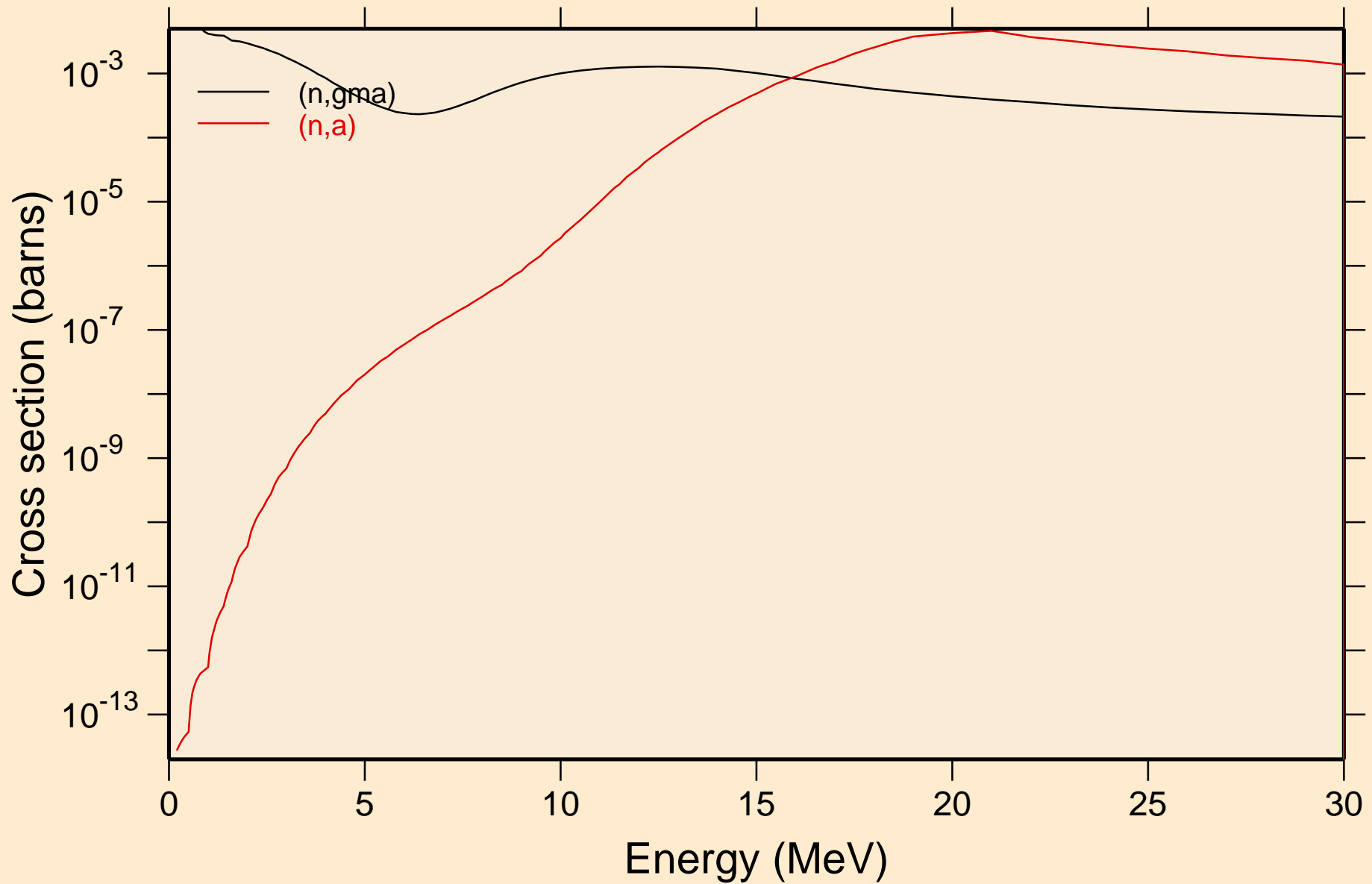
# TE131M NRG TENDL-2015, AKONING

## Principal cross sections



# TE131M NRG TENDL-2015, AKONING

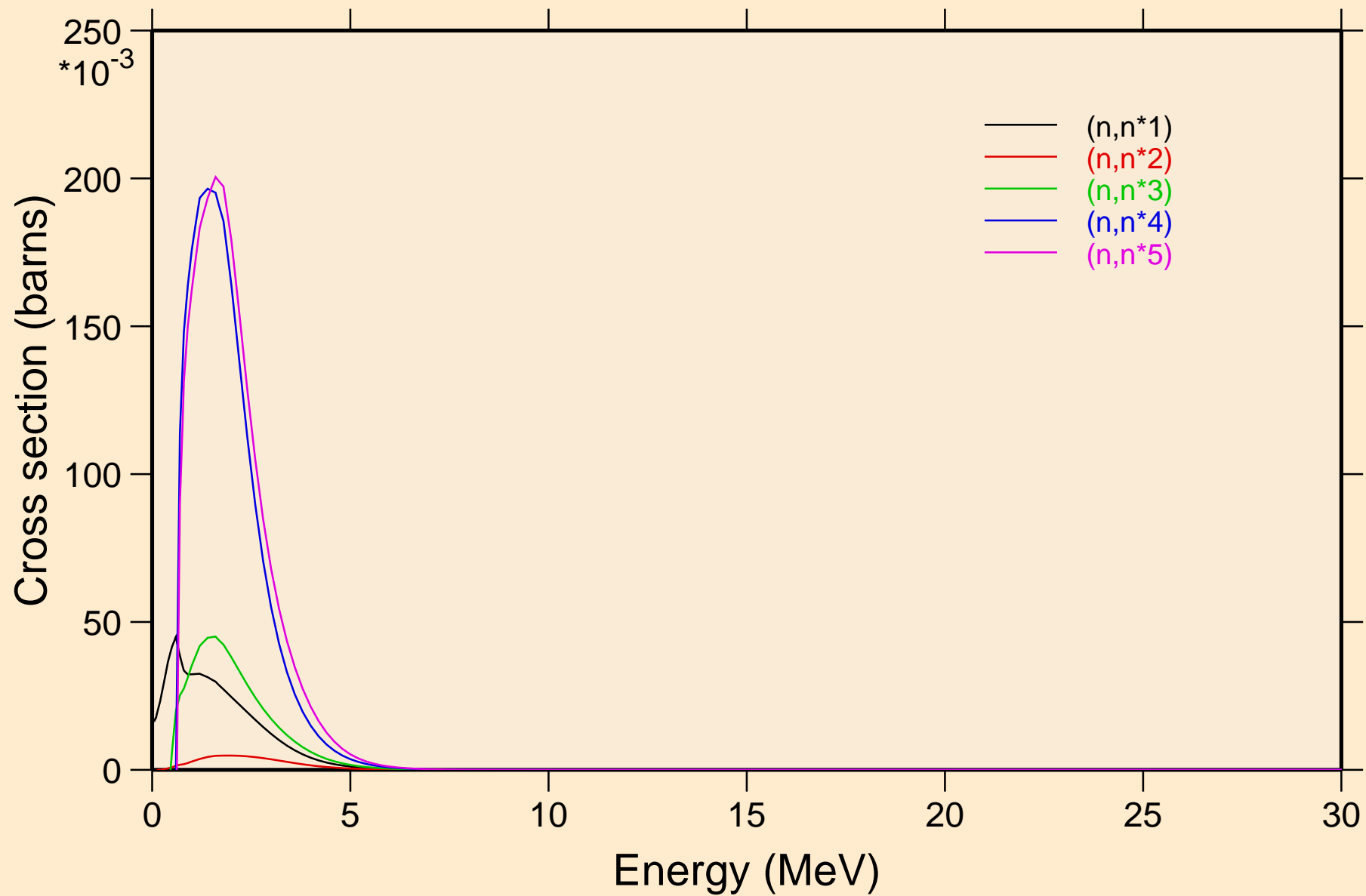
## Non-threshold reactions





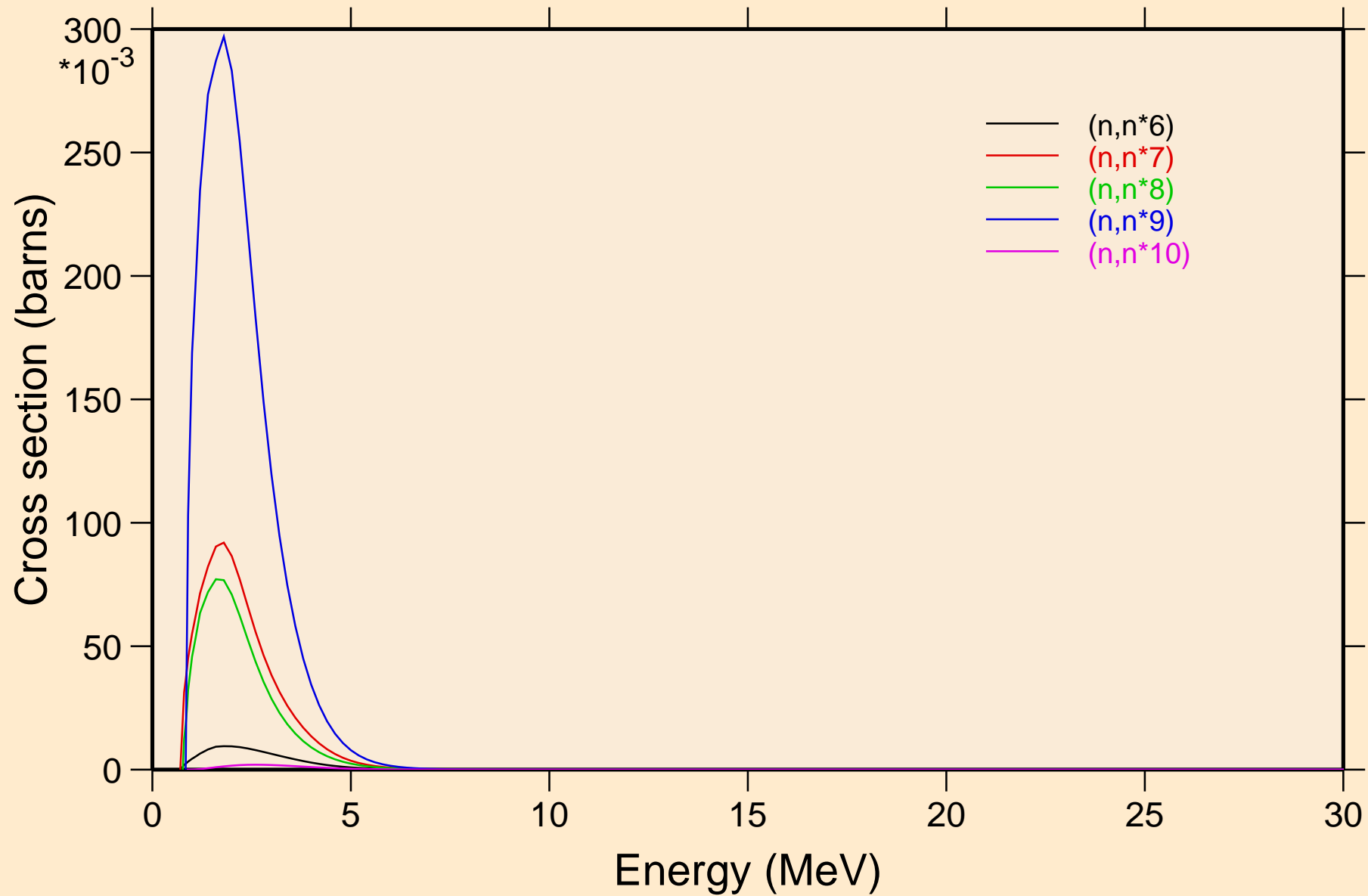
# TE131M NRG TENDL-2015, AKONING

## Inelastic levels



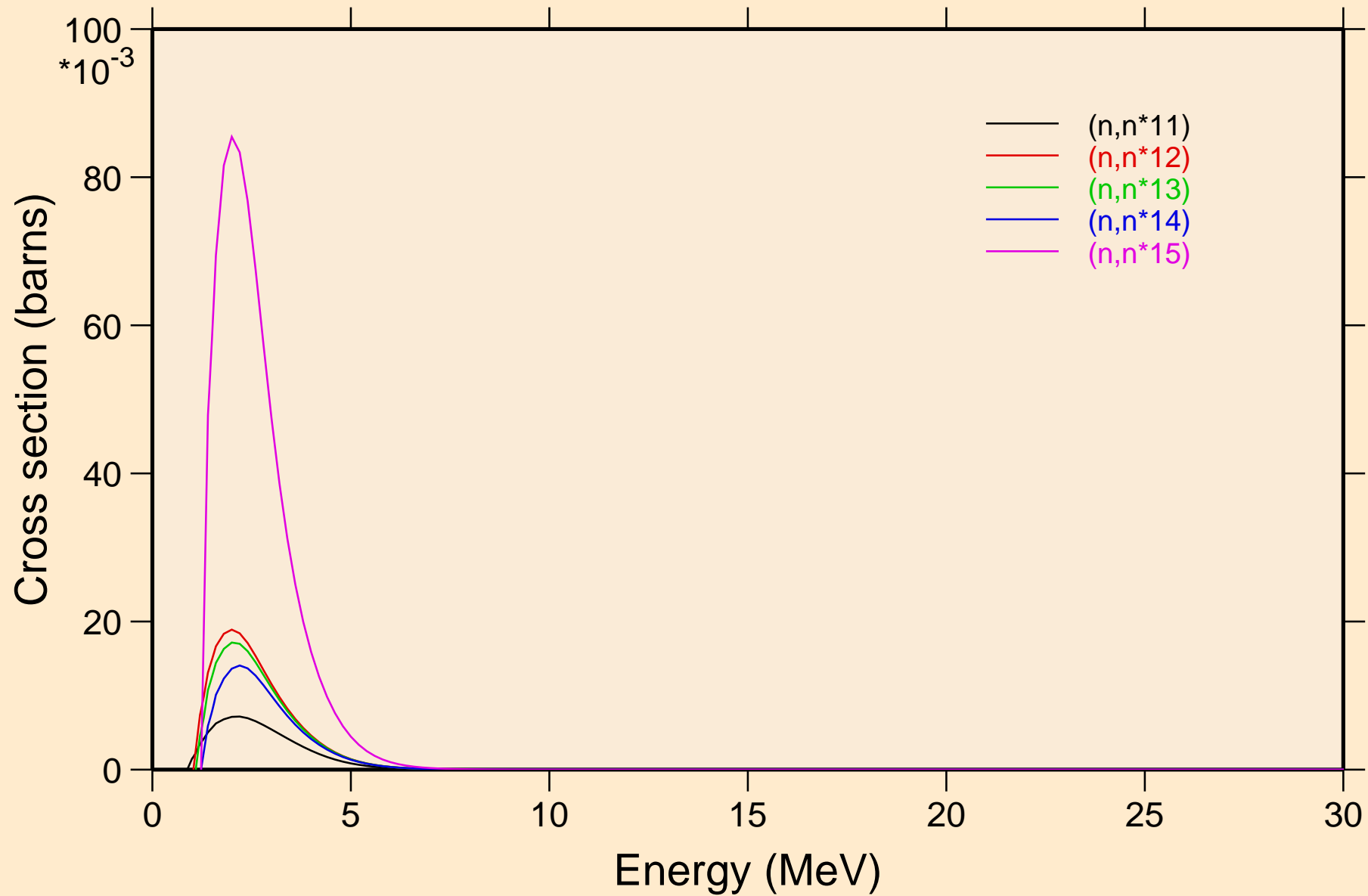
# TE131M NRG TENDL-2015, AKONING

## Inelastic levels



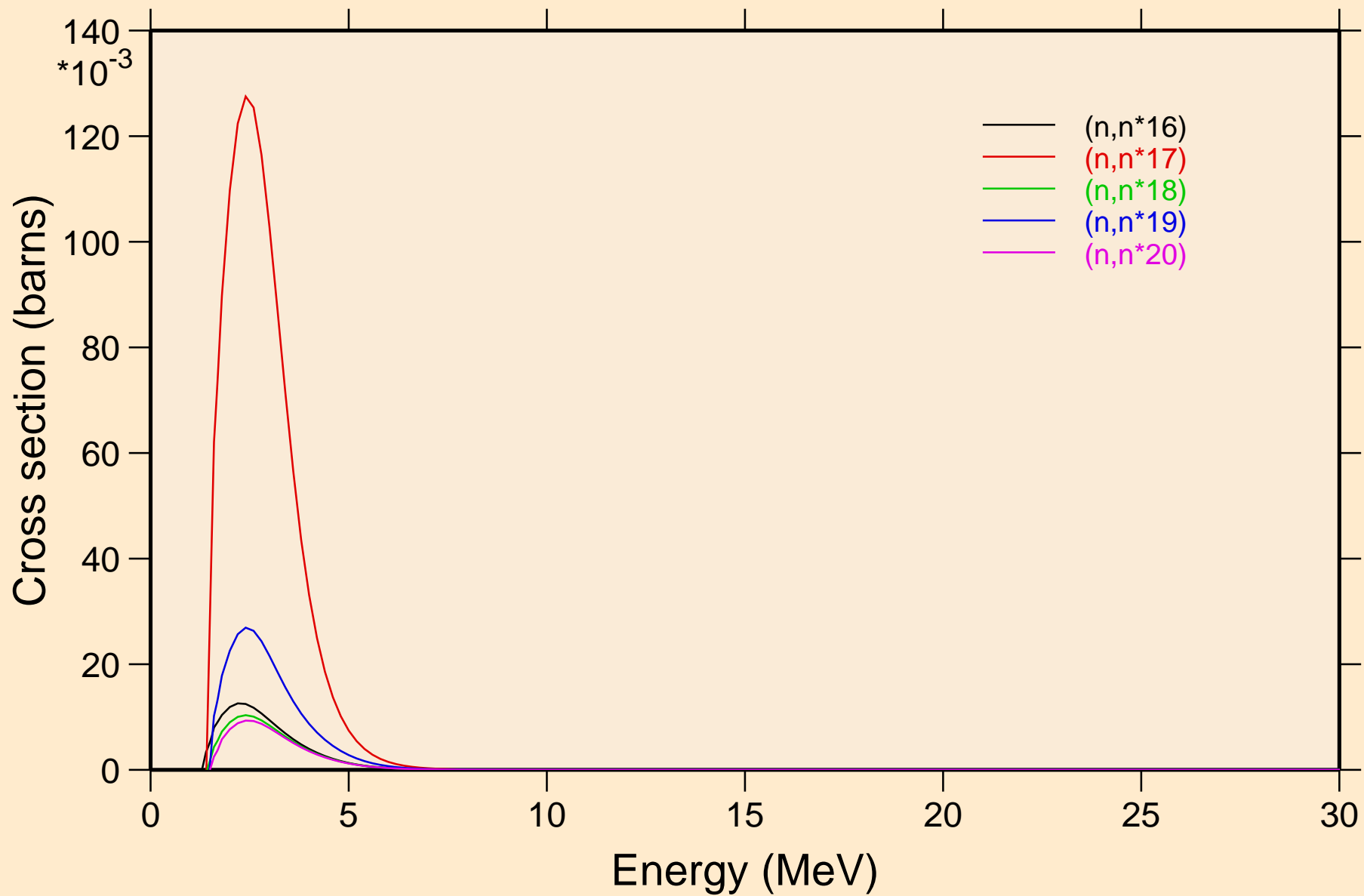
# TE131M NRG TENDL-2015, AKONING

## Inelastic levels



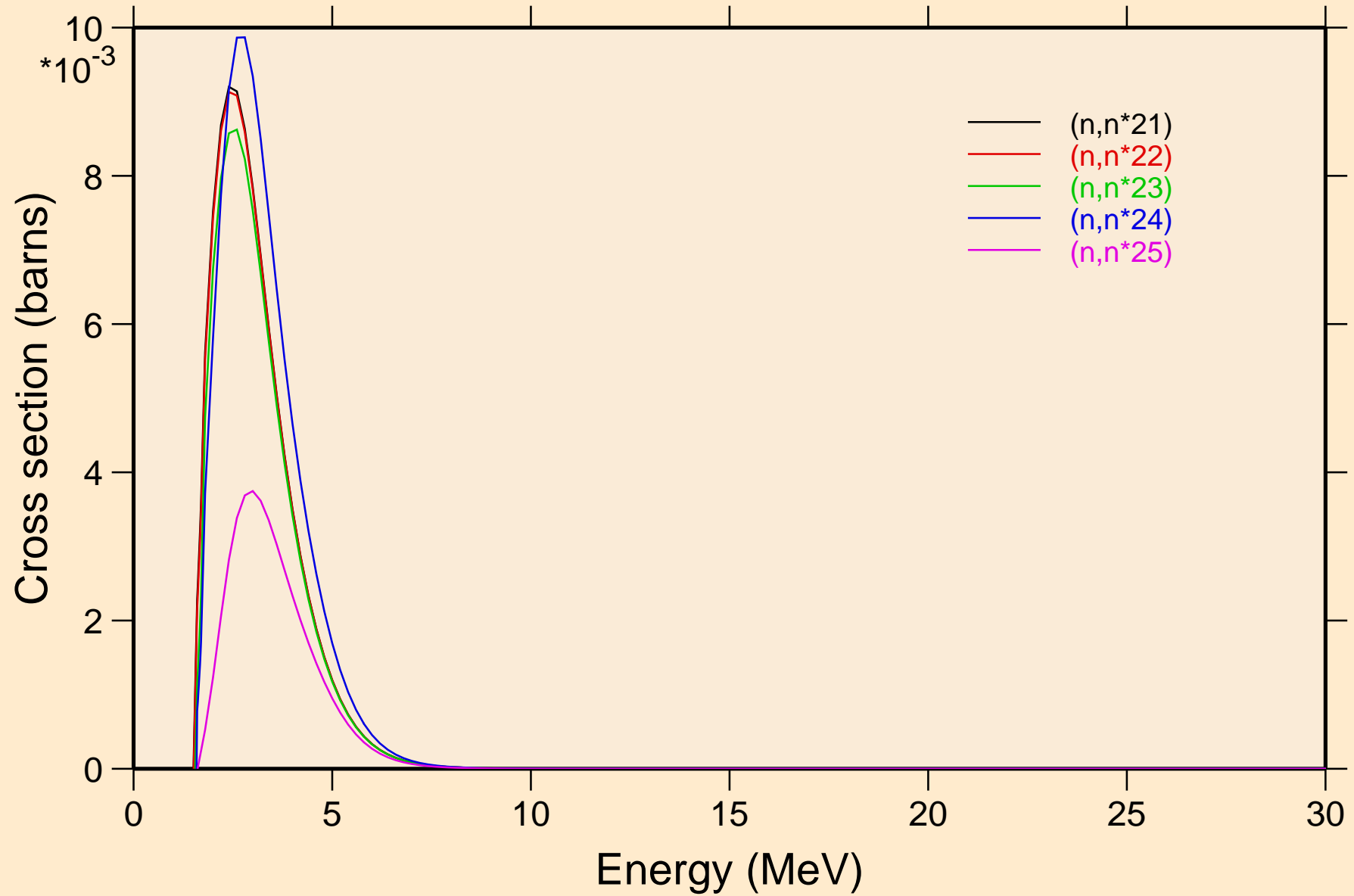
# TE131M NRG TENDL-2015, AKONING

## Inelastic levels



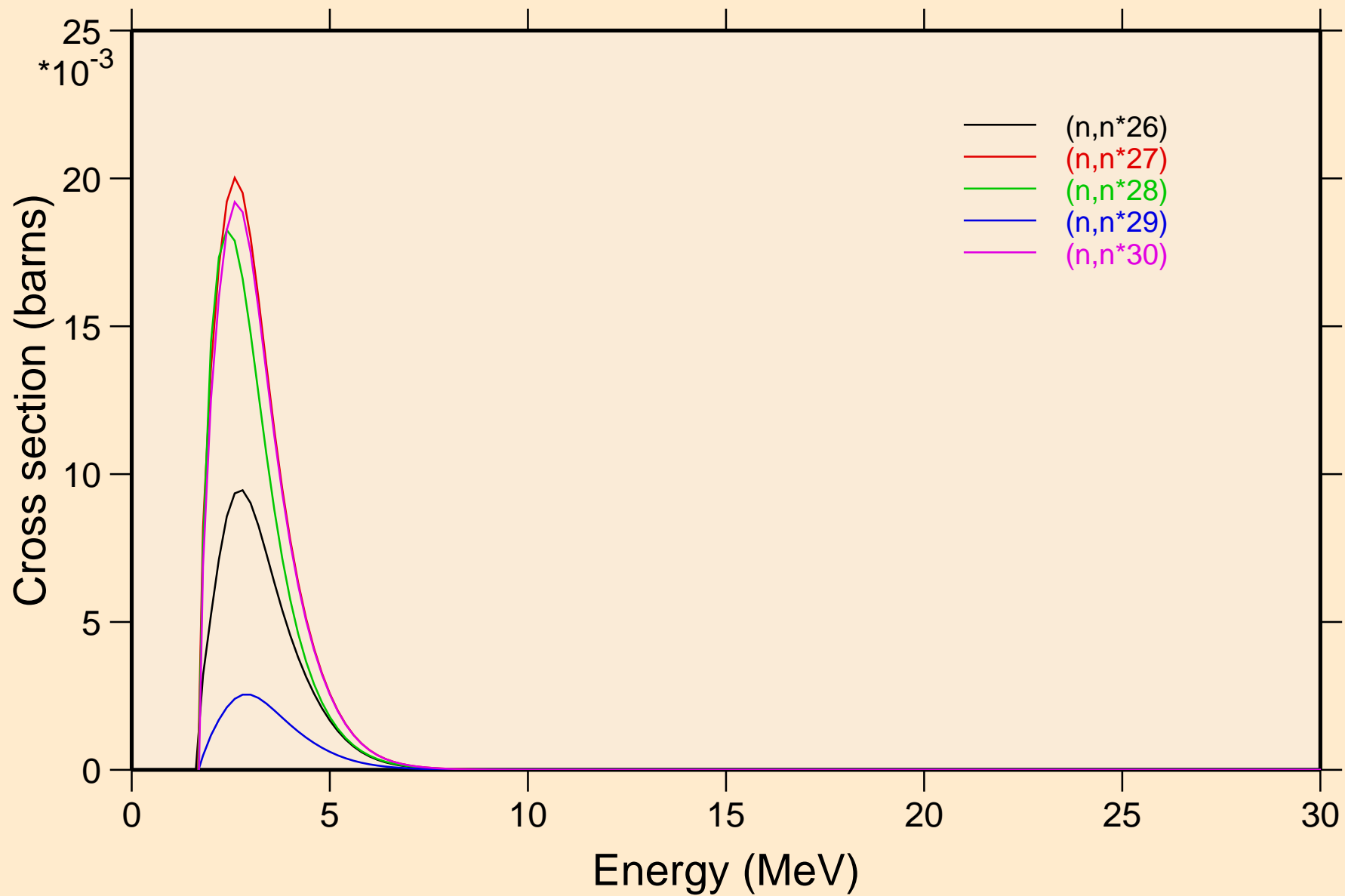
# TE131M NRG TENDL-2015, AKONING

## Inelastic levels



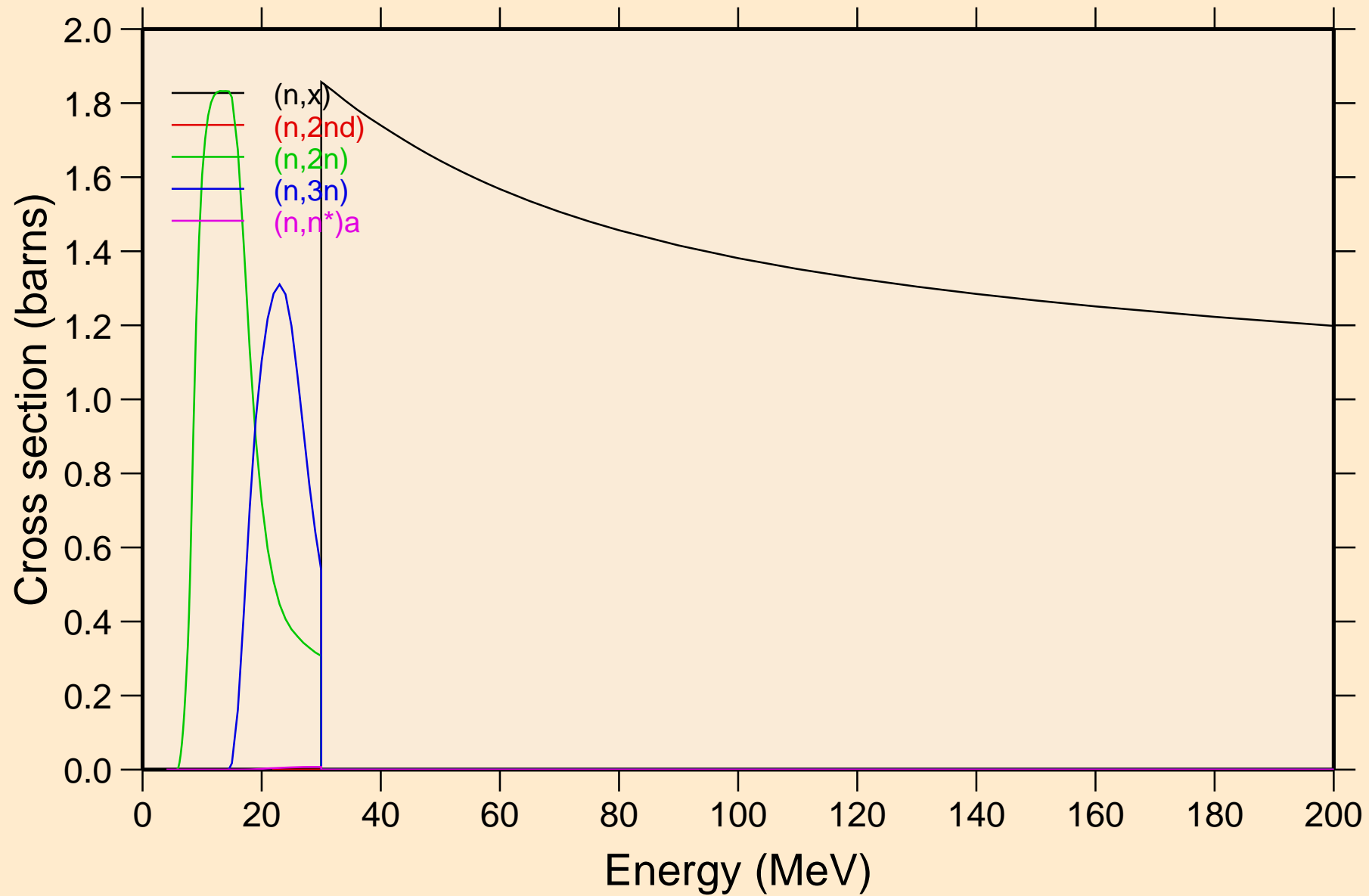
# TE131M NRG TENDL-2015, AKONING

## Inelastic levels



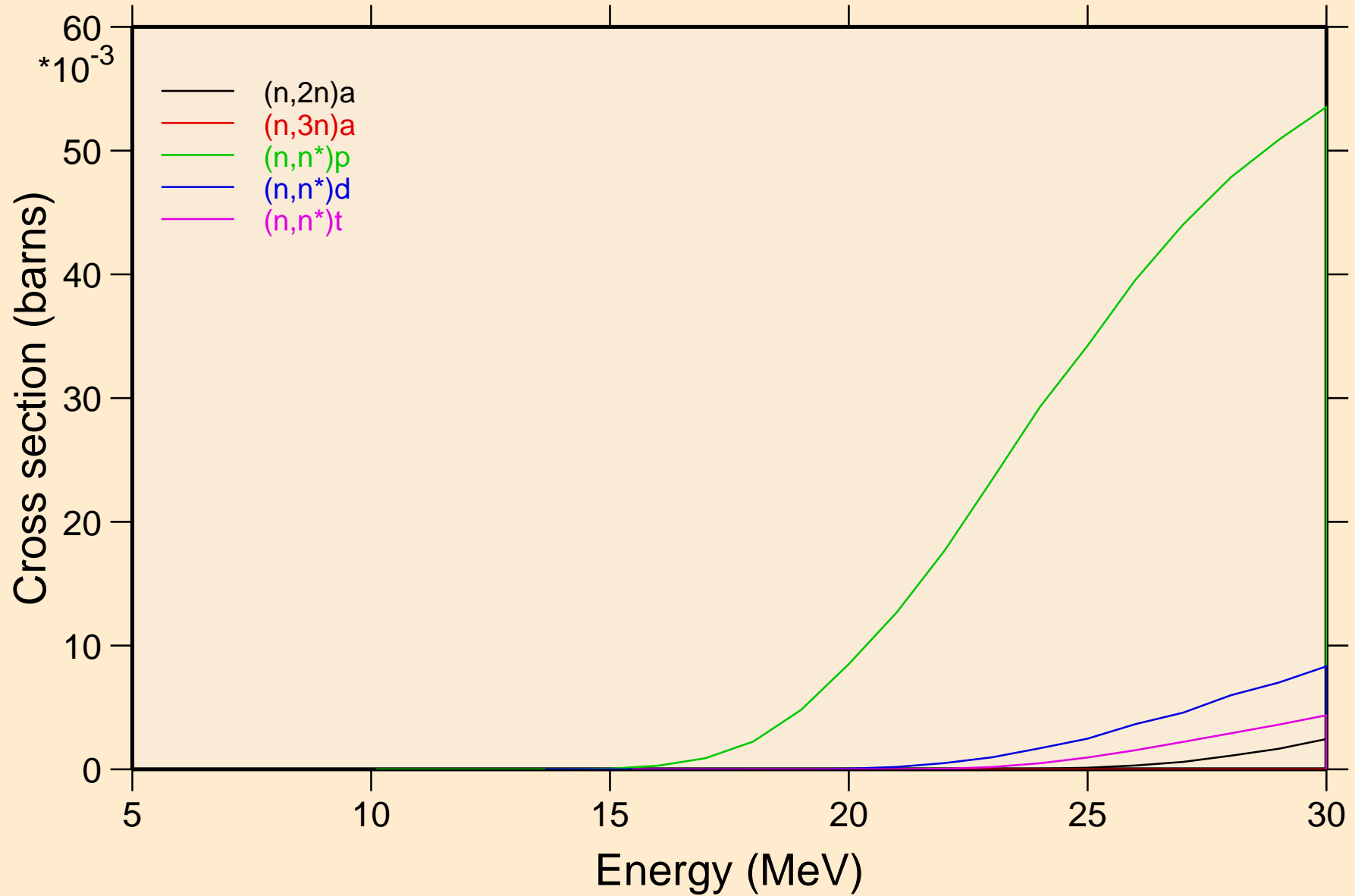
# TE131M NRG TENDL-2015, AKONING

## Threshold reactions



# TE131M NRG TENDL-2015, AKONING

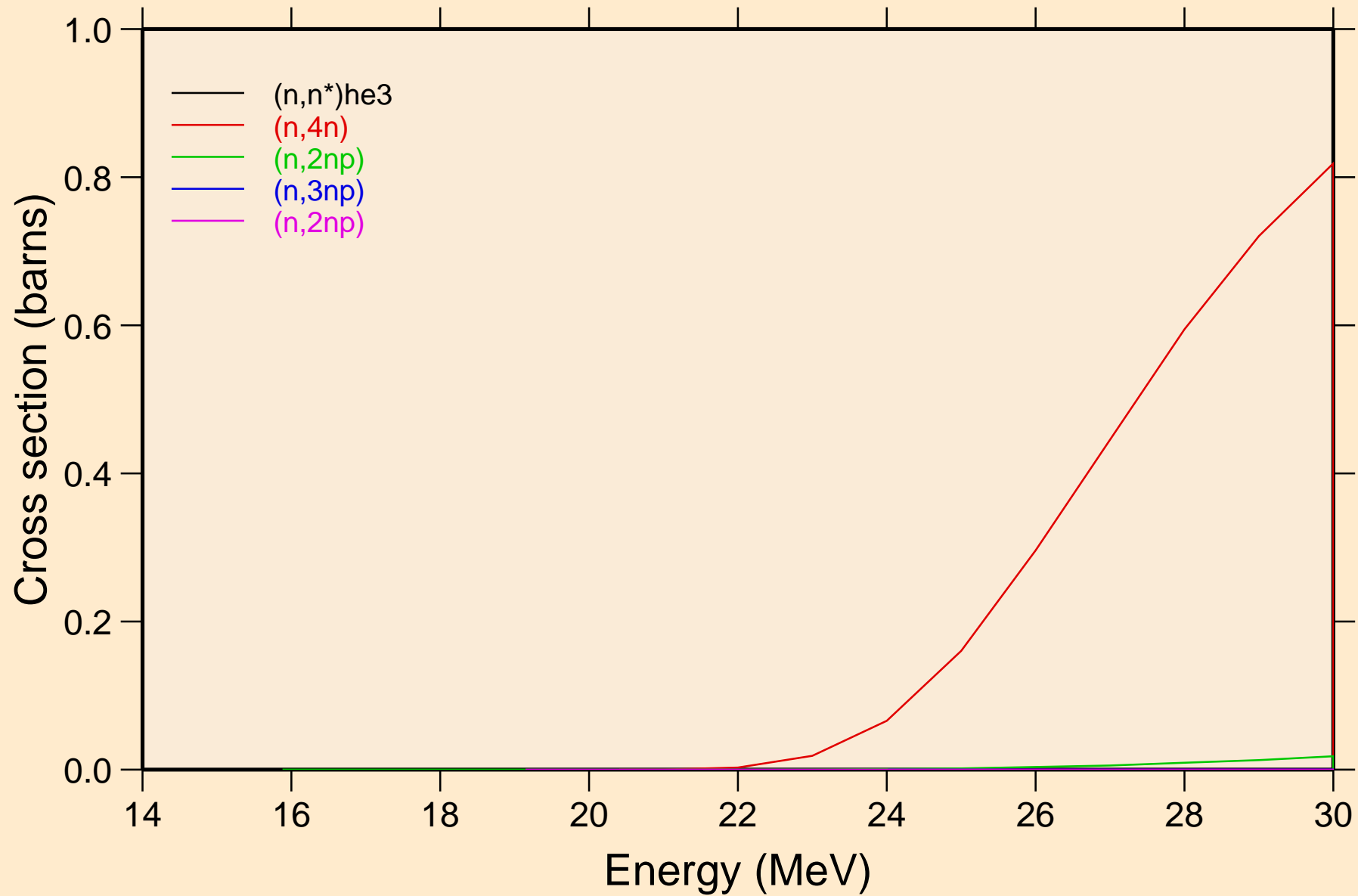
## Threshold reactions





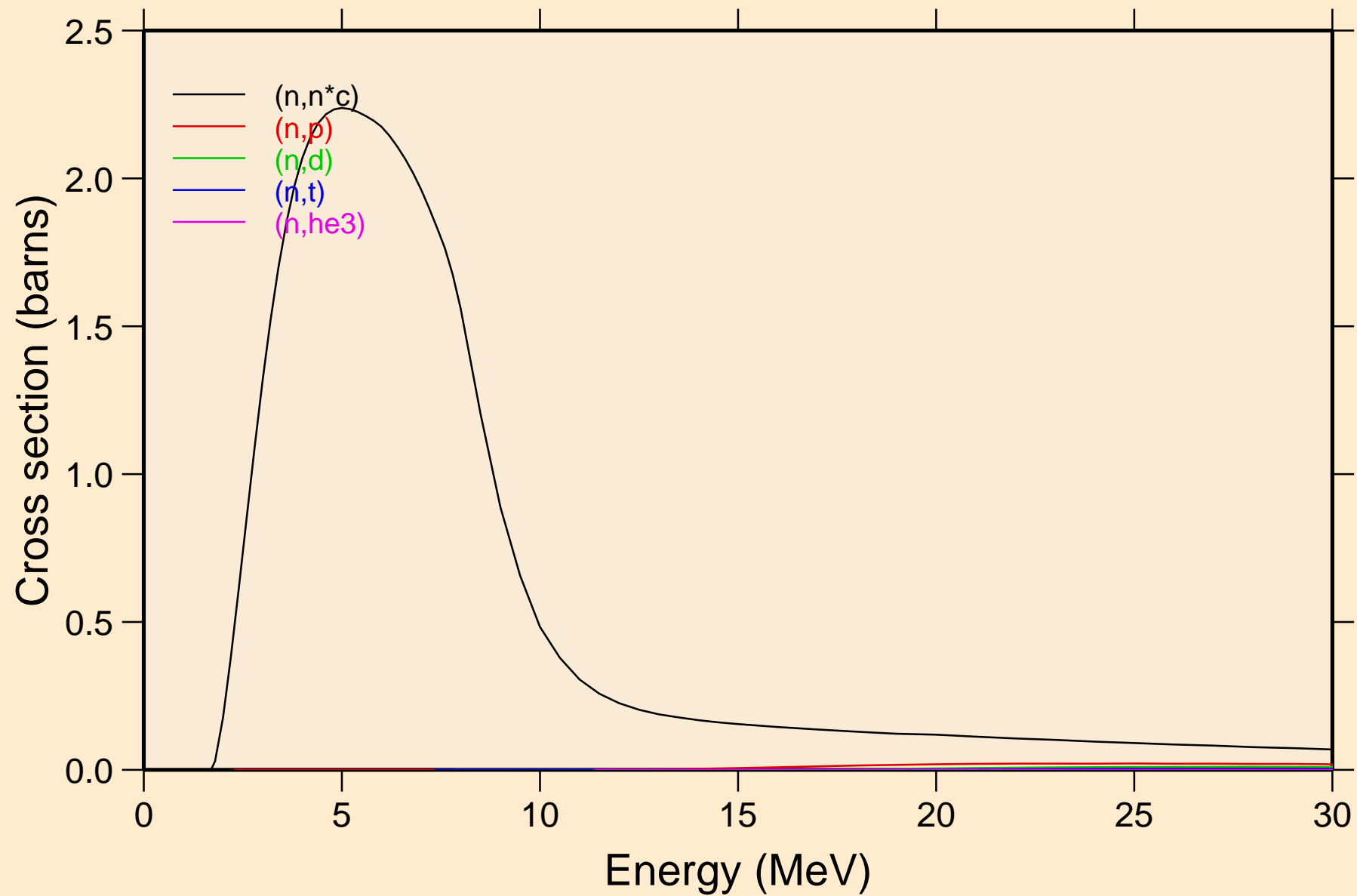
# TE131M NRG TENDL-2015, AKONING

## Threshold reactions



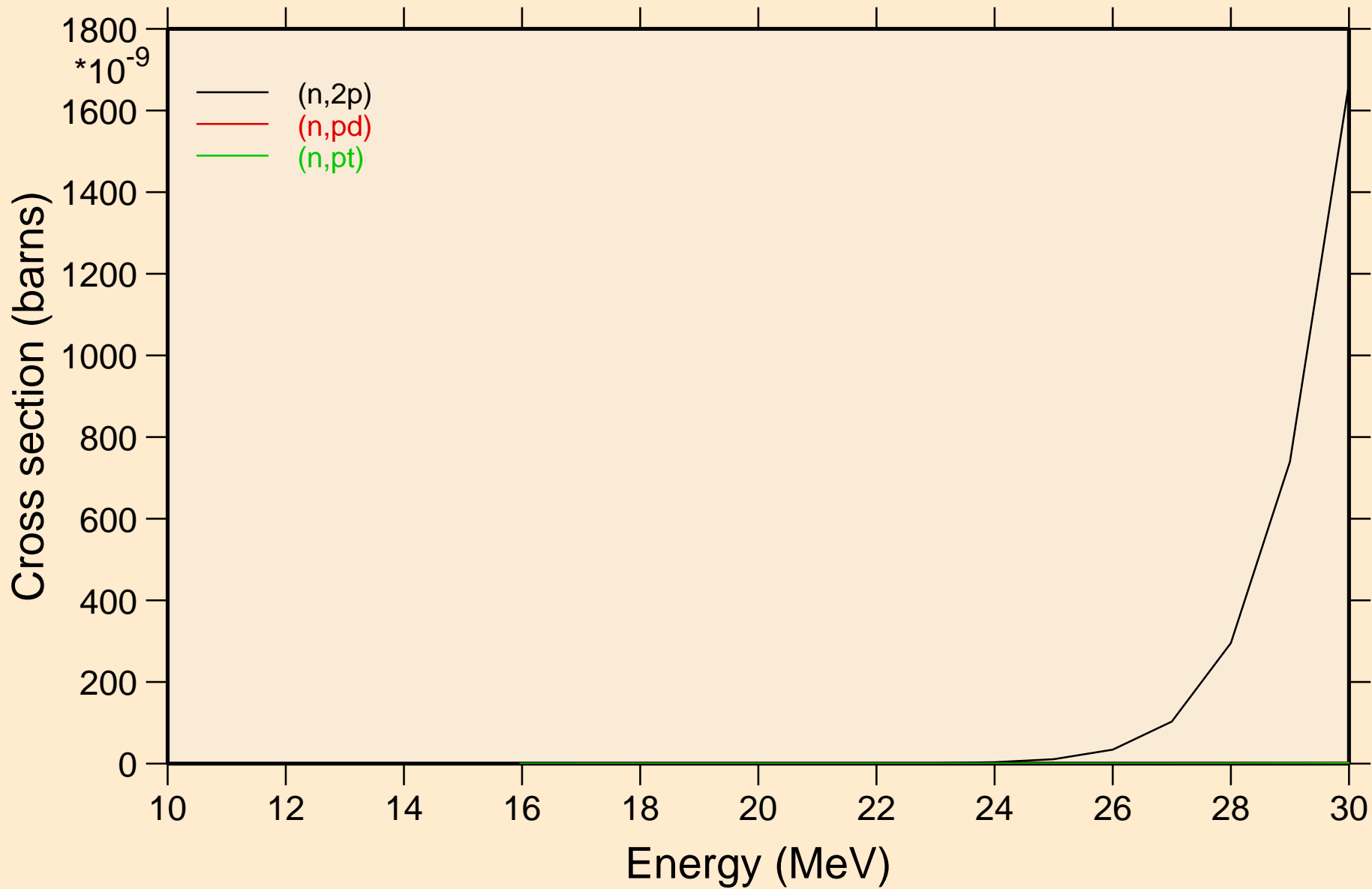
# TE131M NRG TENDL-2015, AKONING

## Threshold reactions

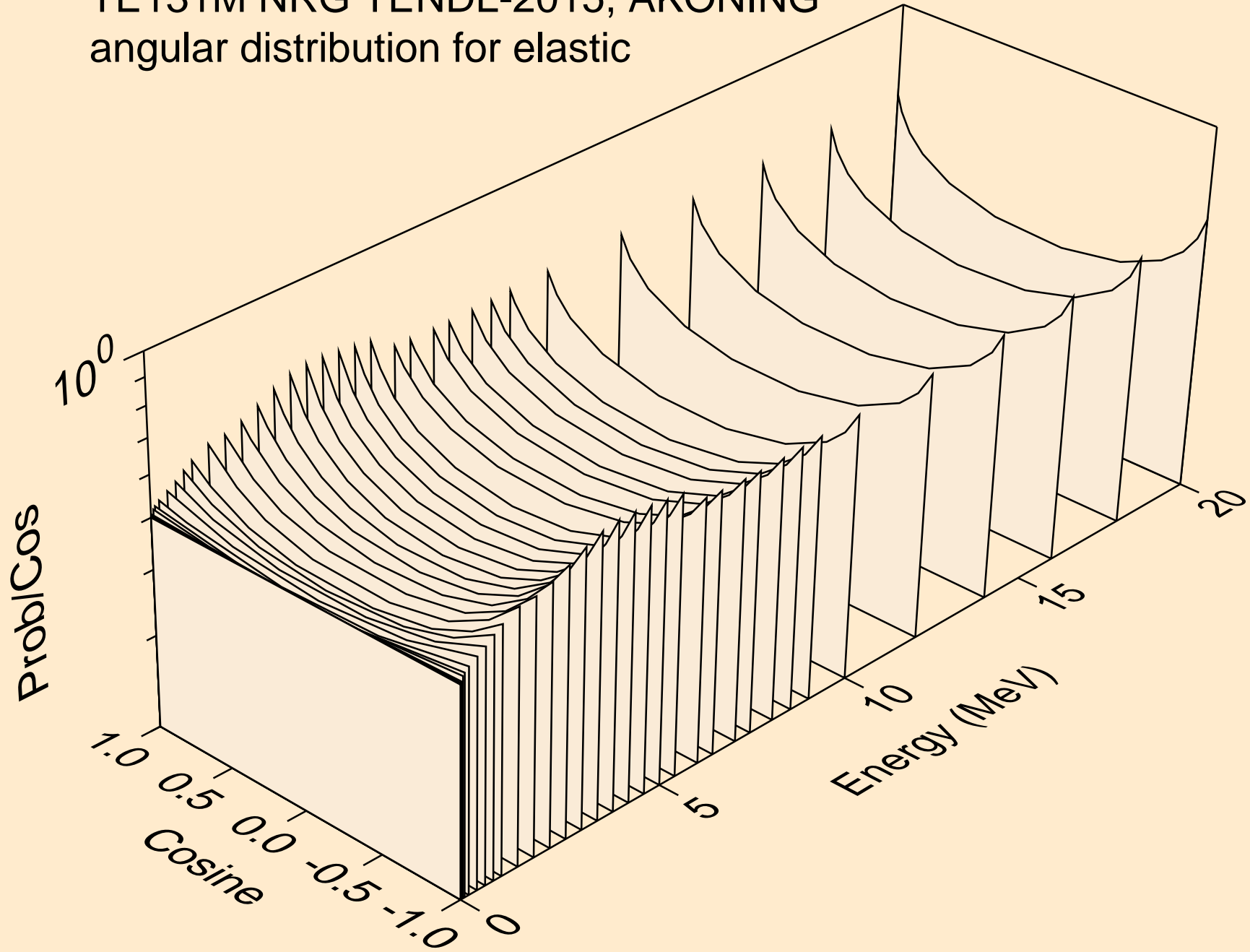


# TE131M NRG TENDL-2015, AKONING

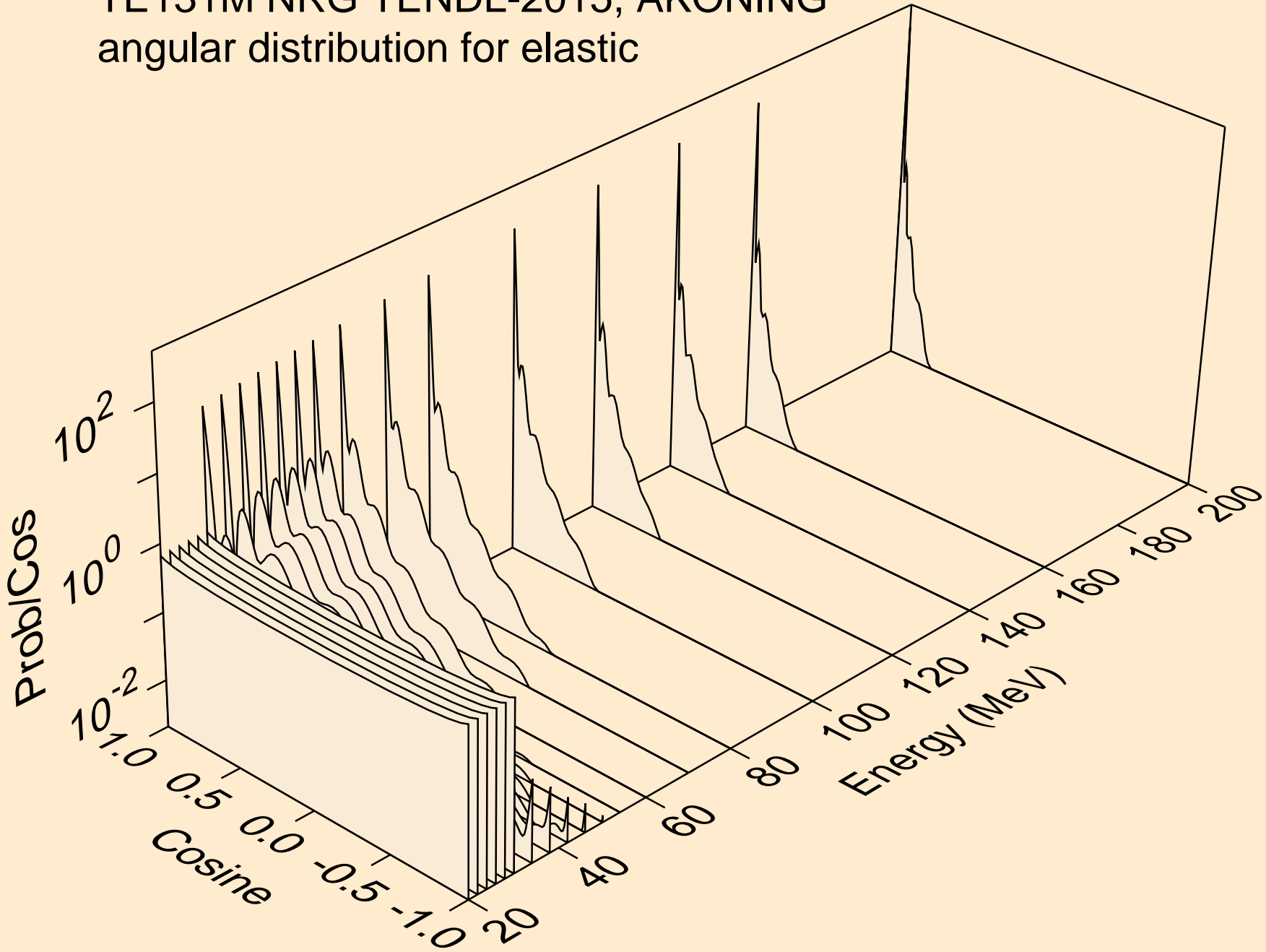
## Threshold reactions



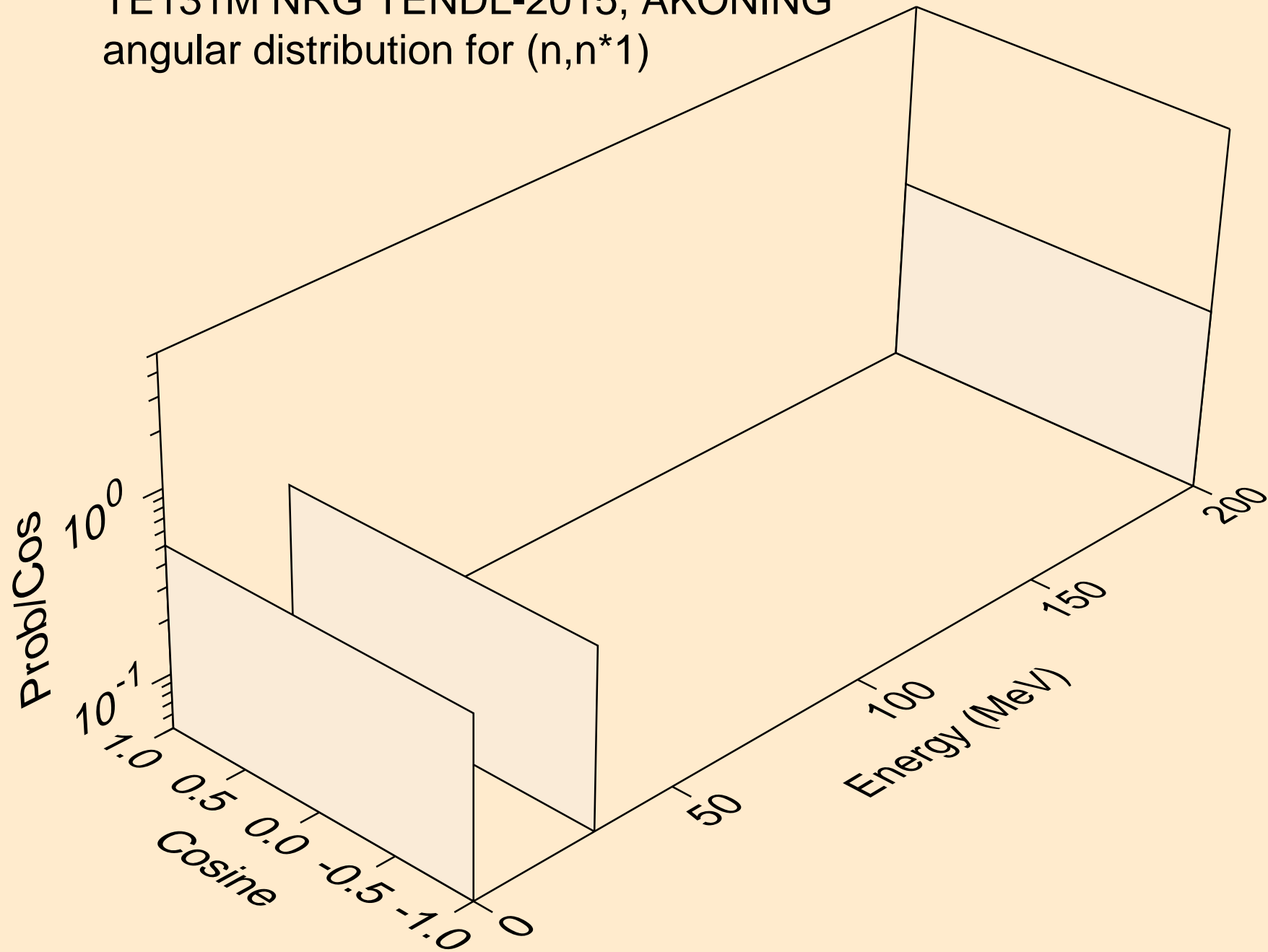
TE131M NRG TENDL-2015, AKONING  
angular distribution for elastic



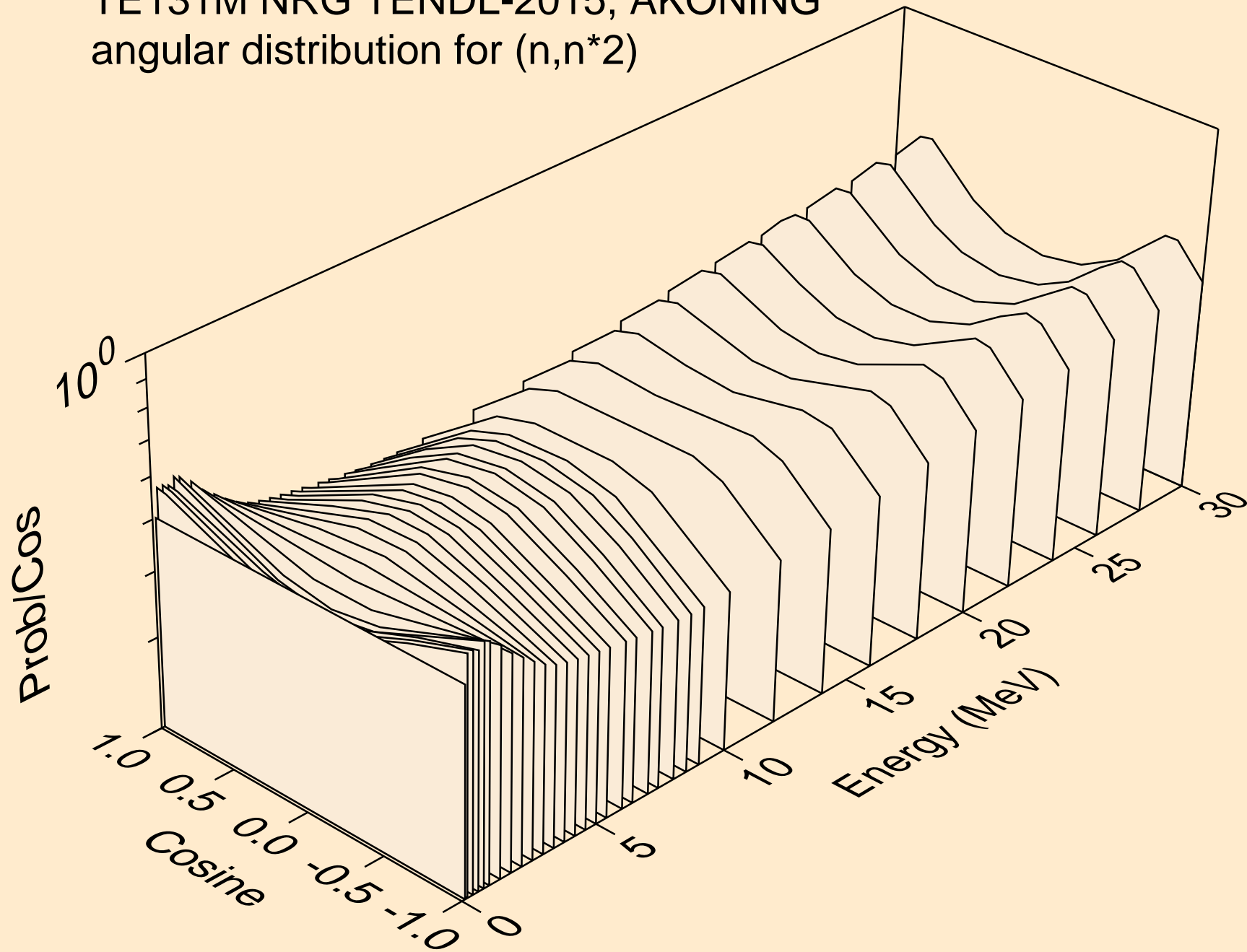
TE131M NRG TENDL-2015, AKONING  
angular distribution for elastic



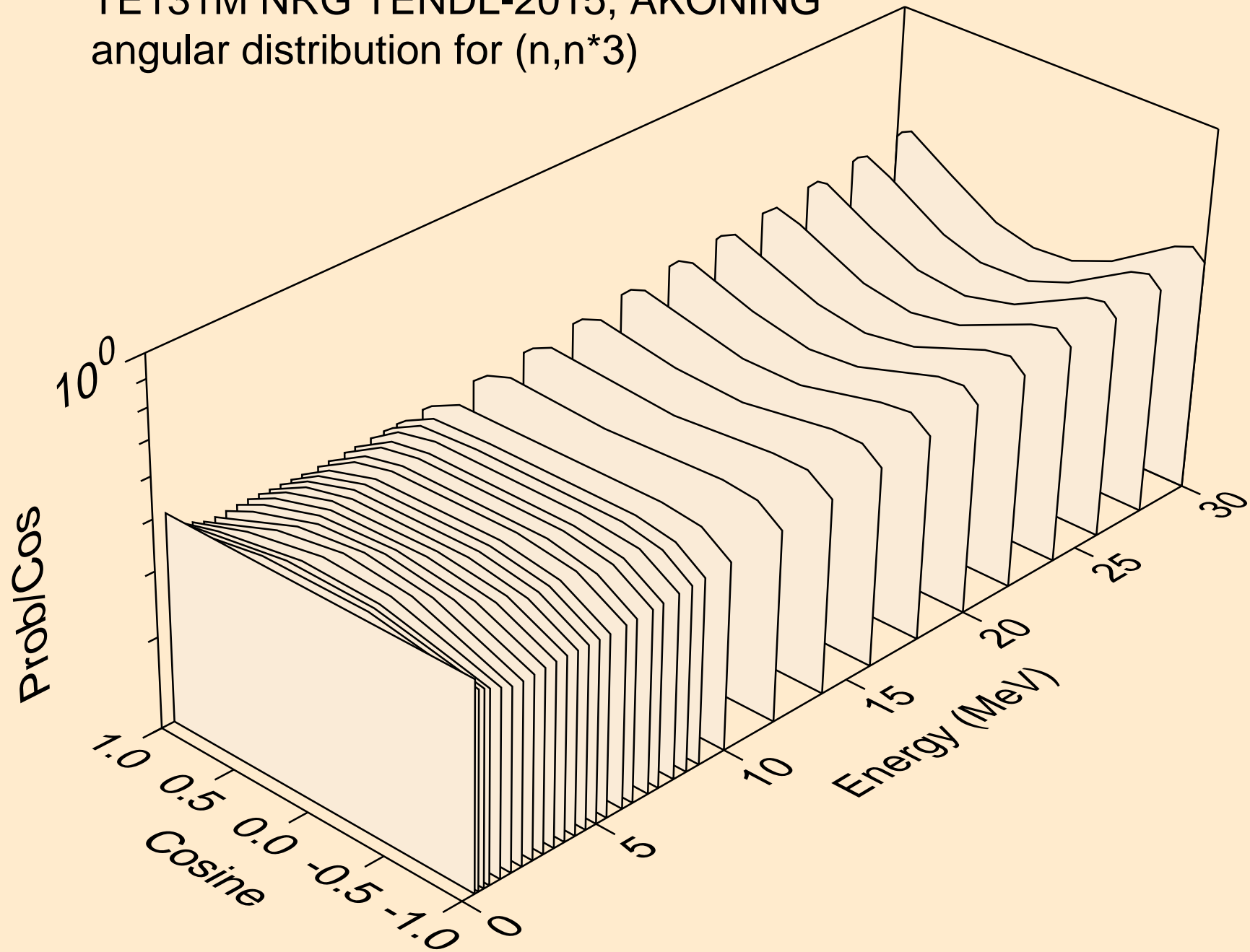
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

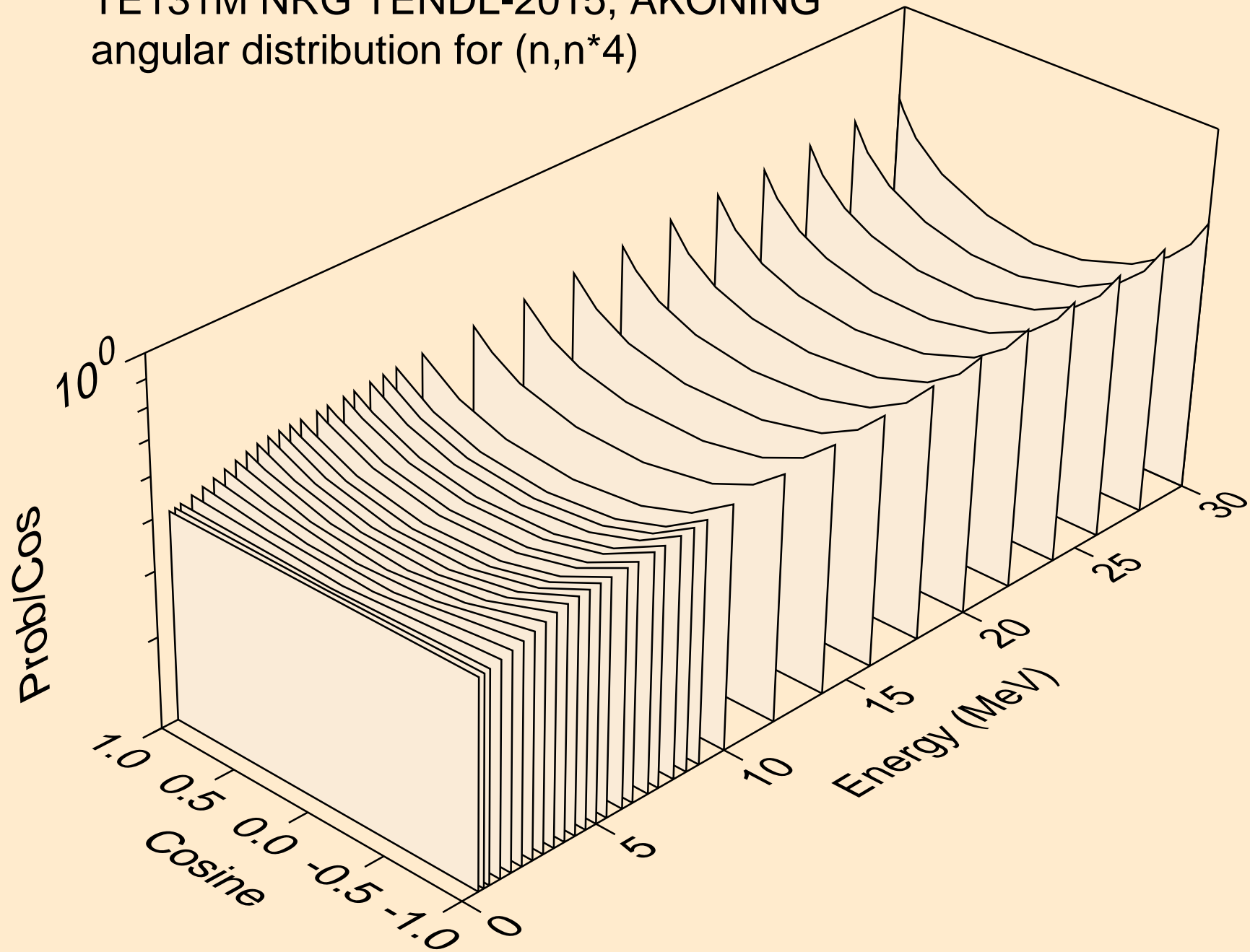


TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

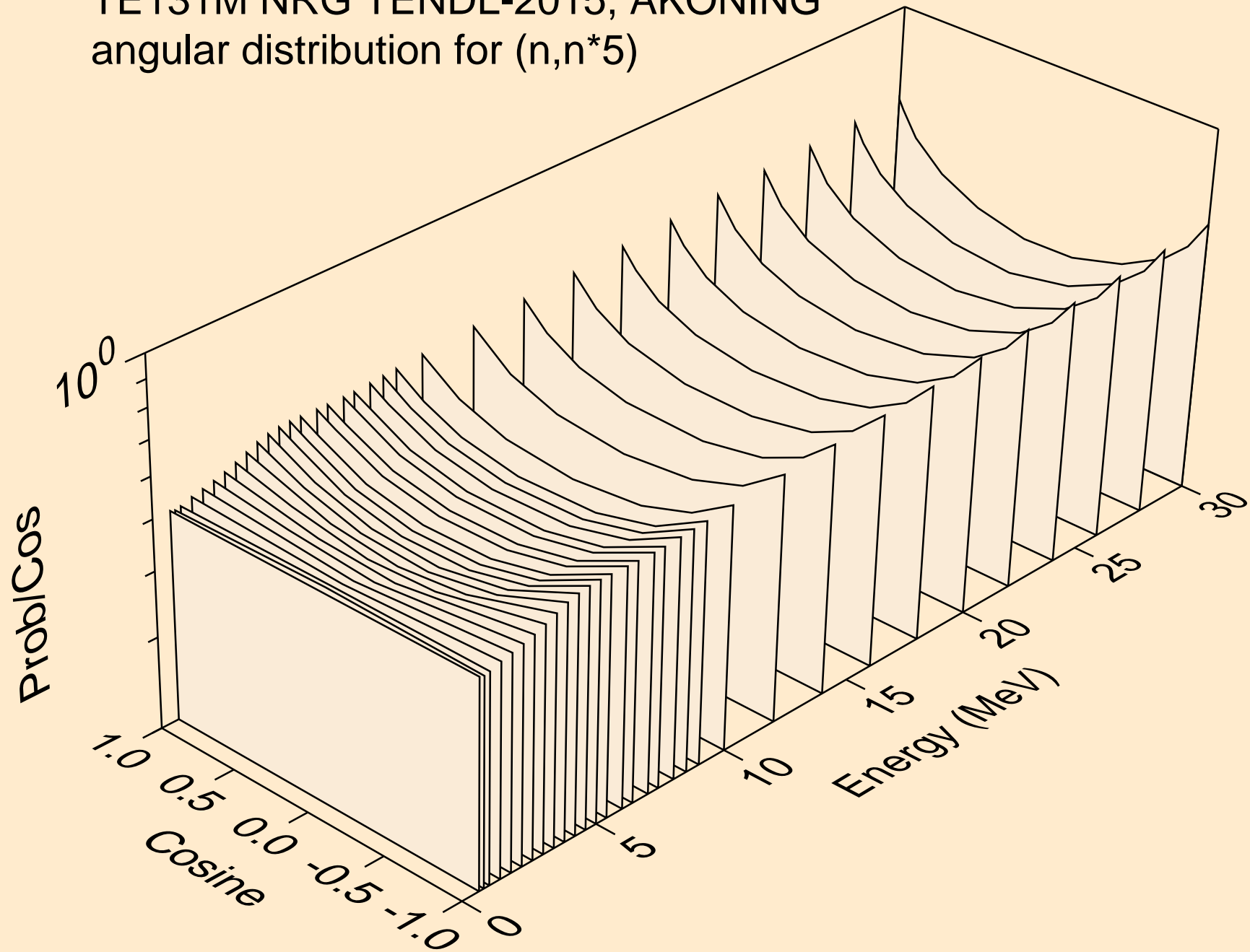




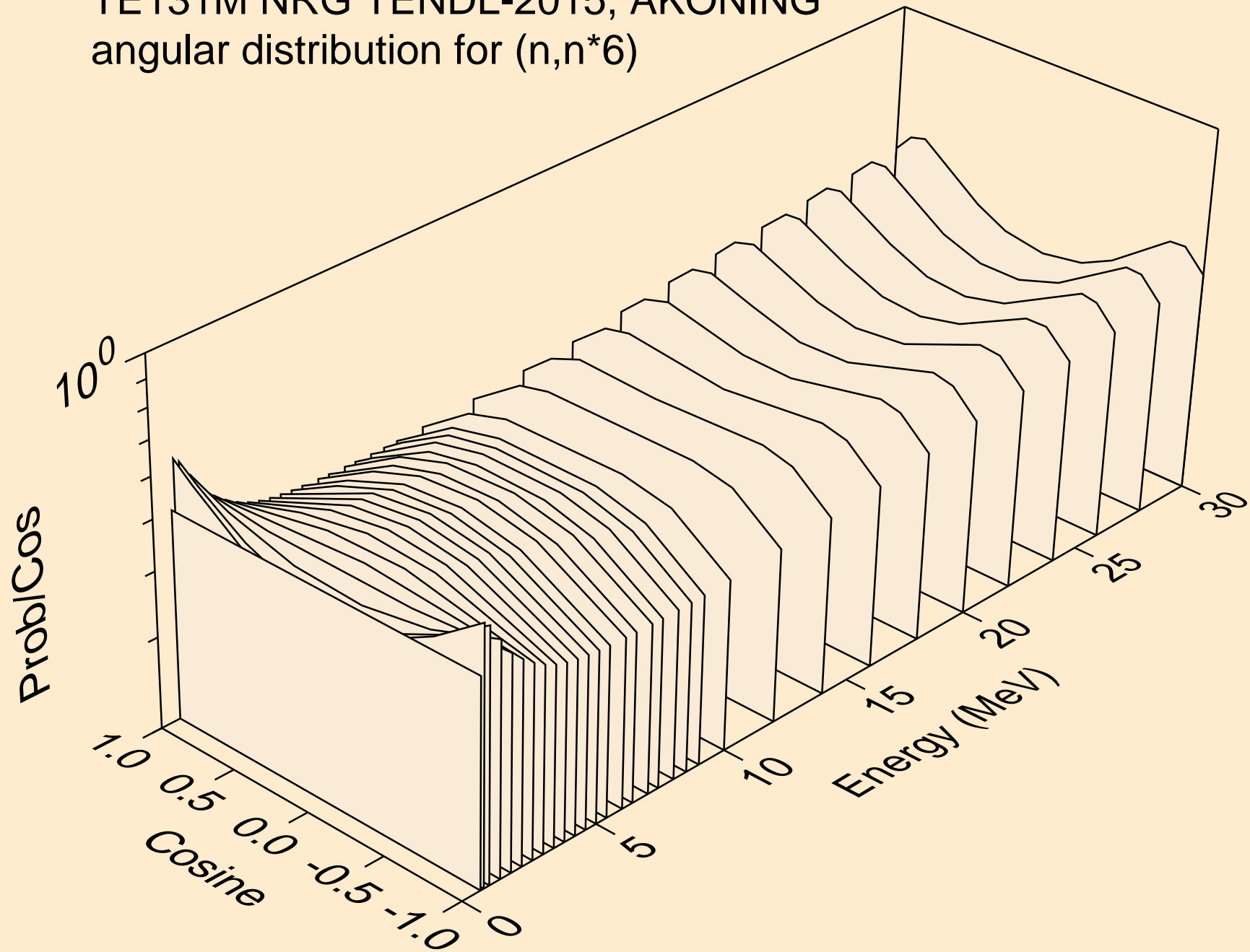
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



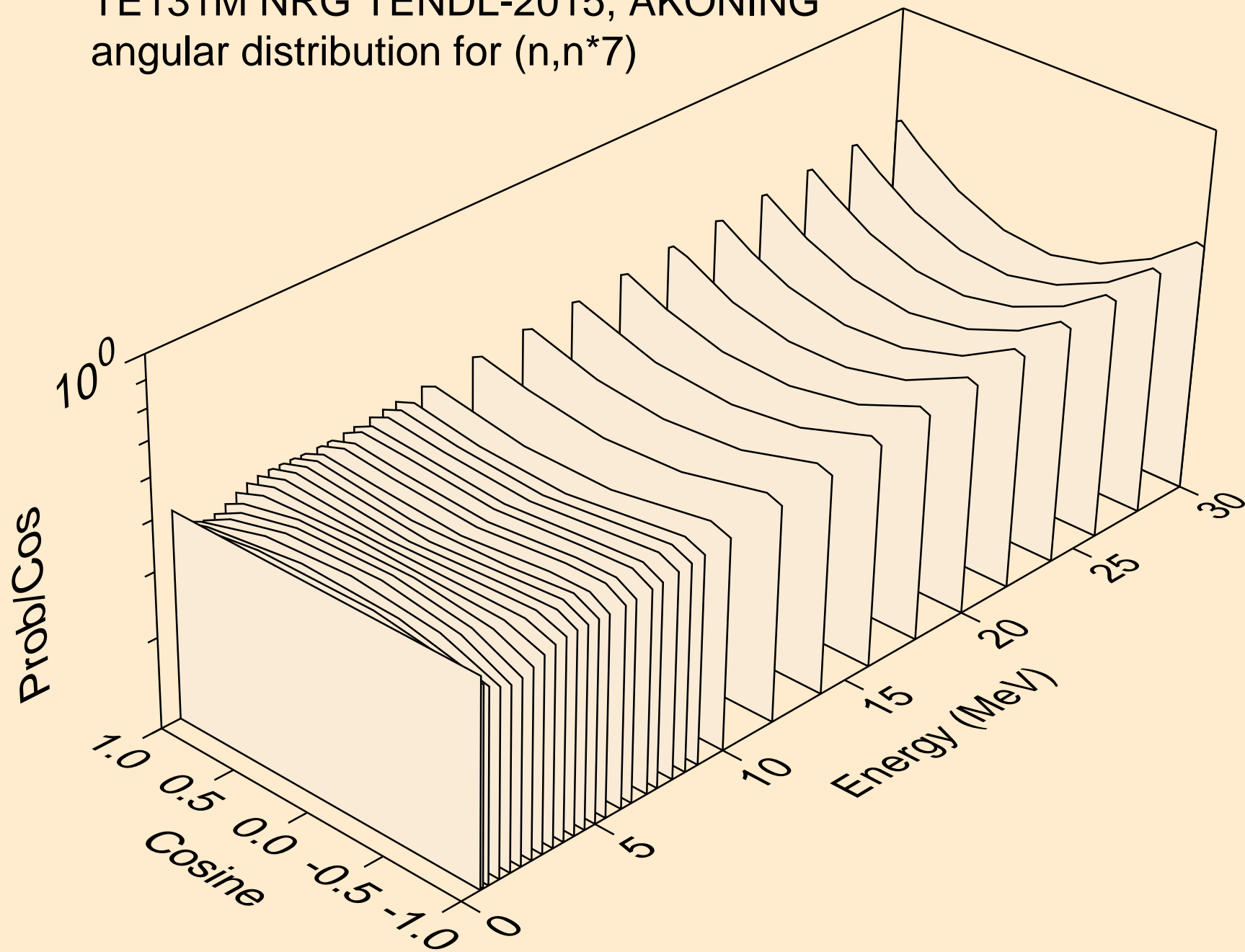
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



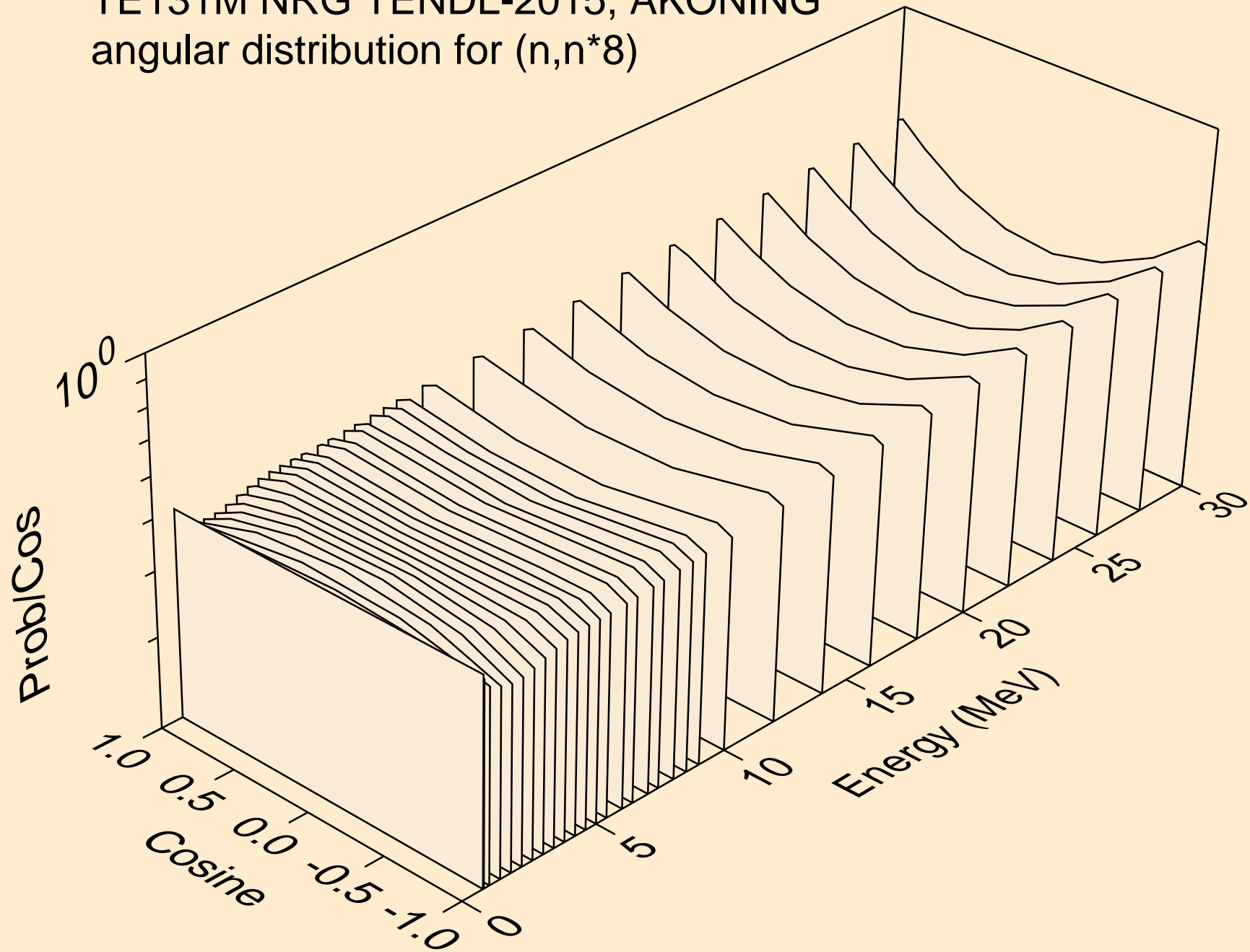
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



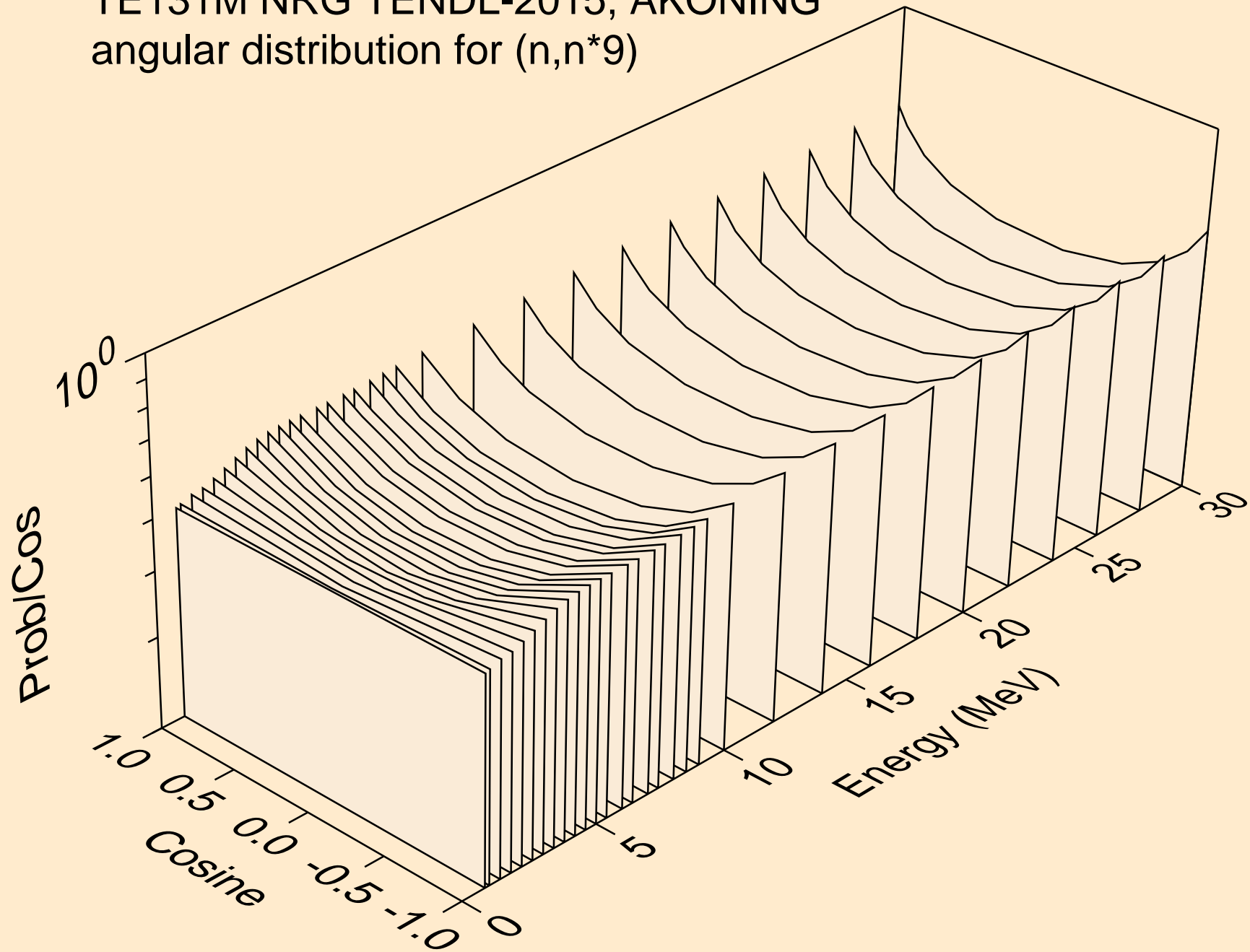
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



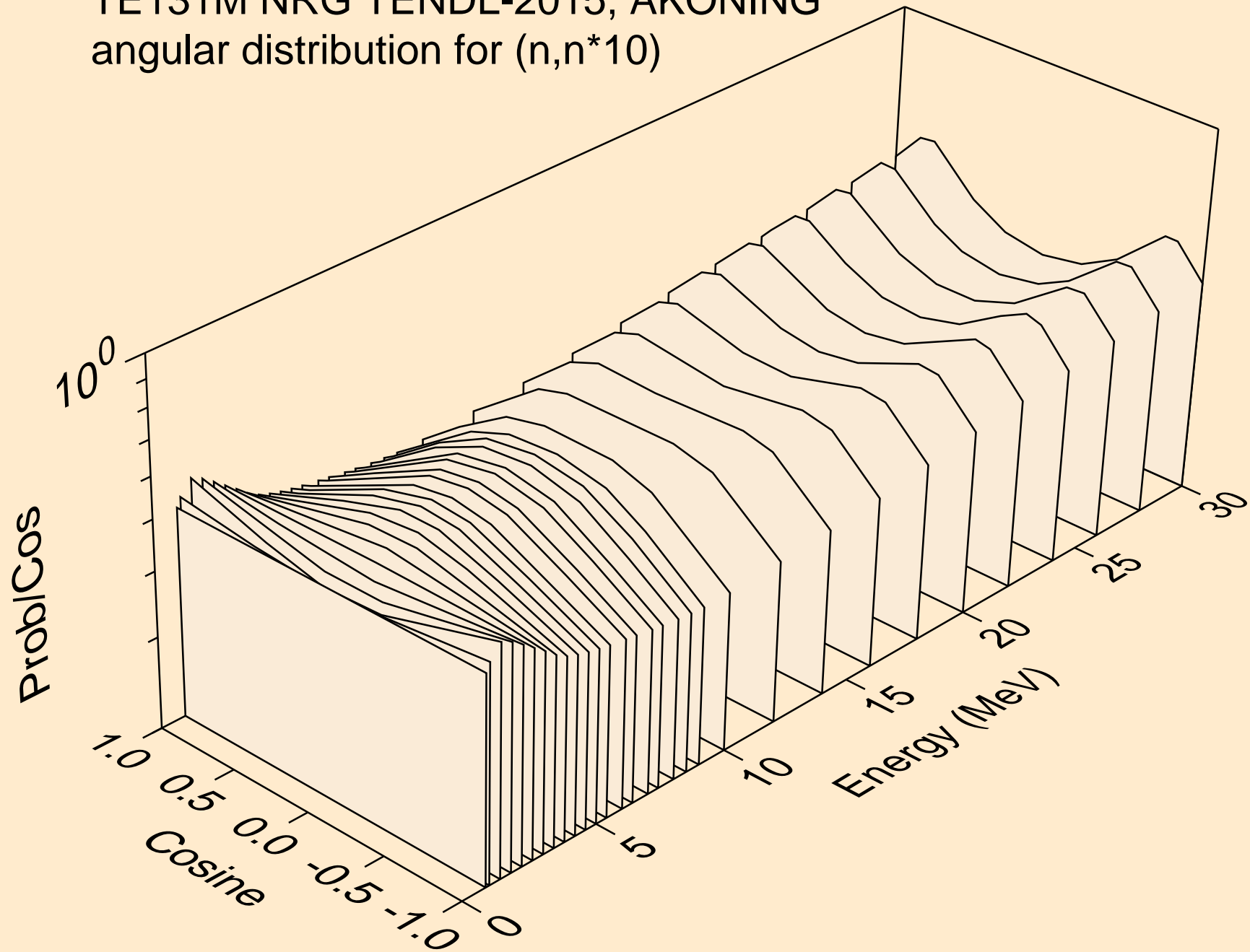
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



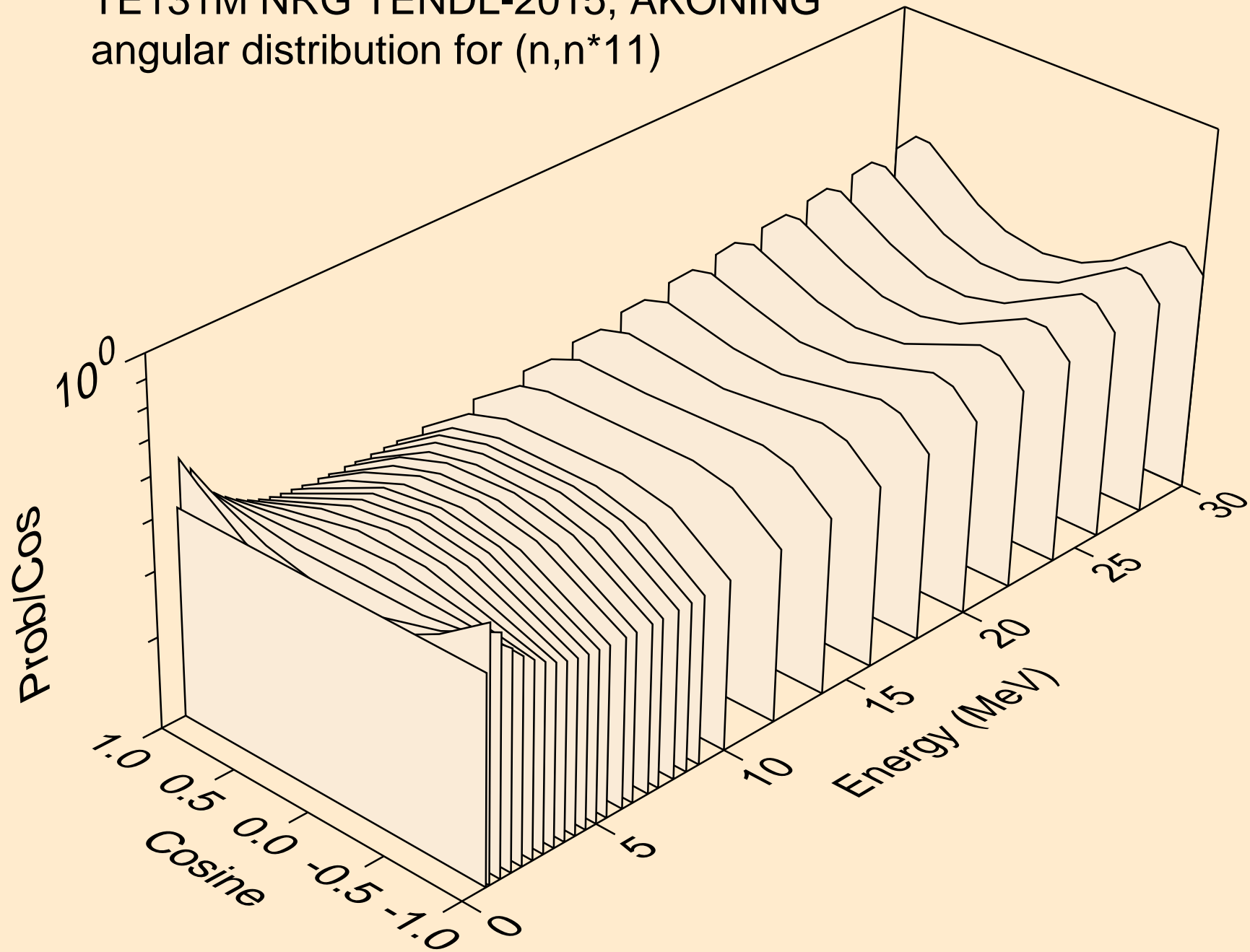
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

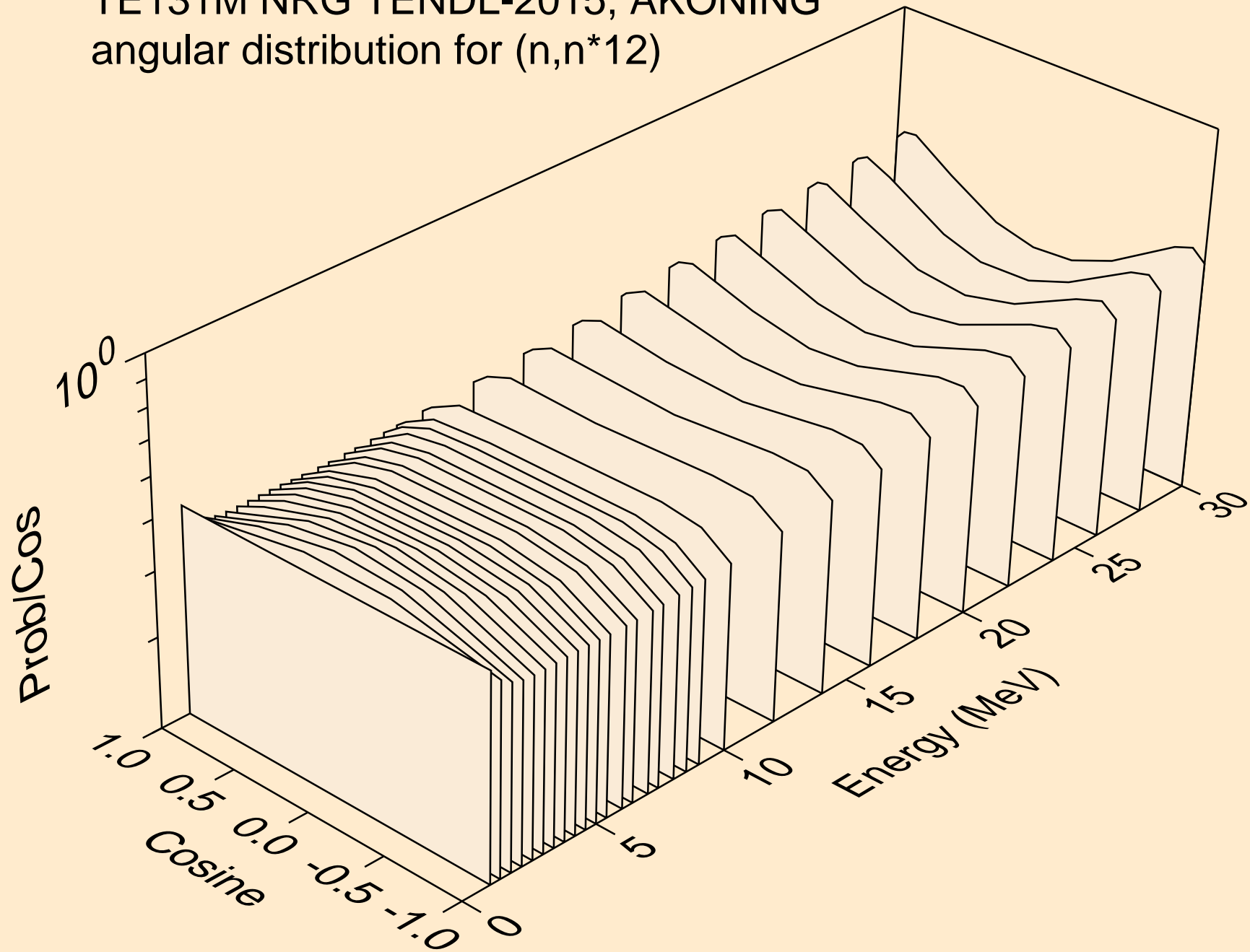


TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

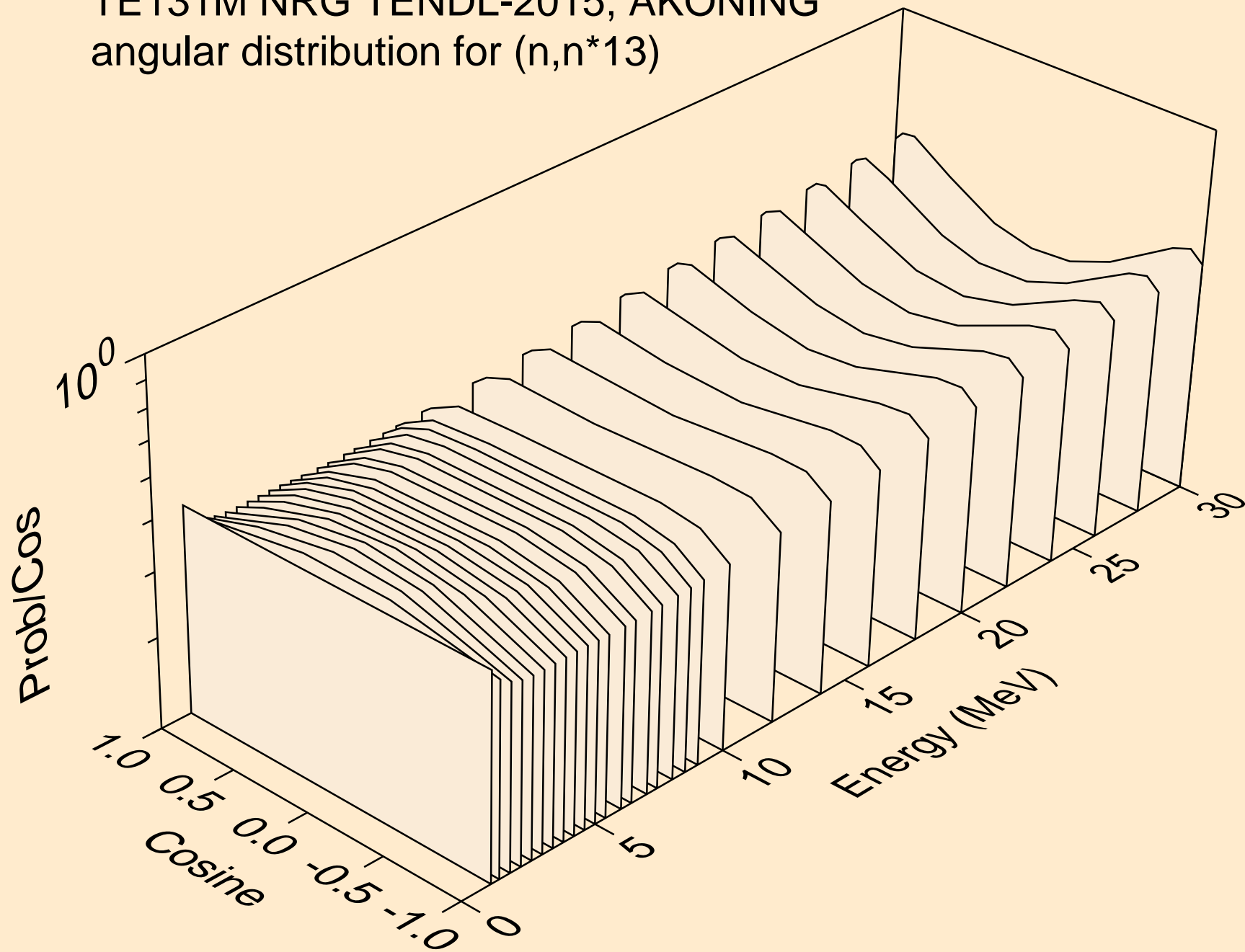




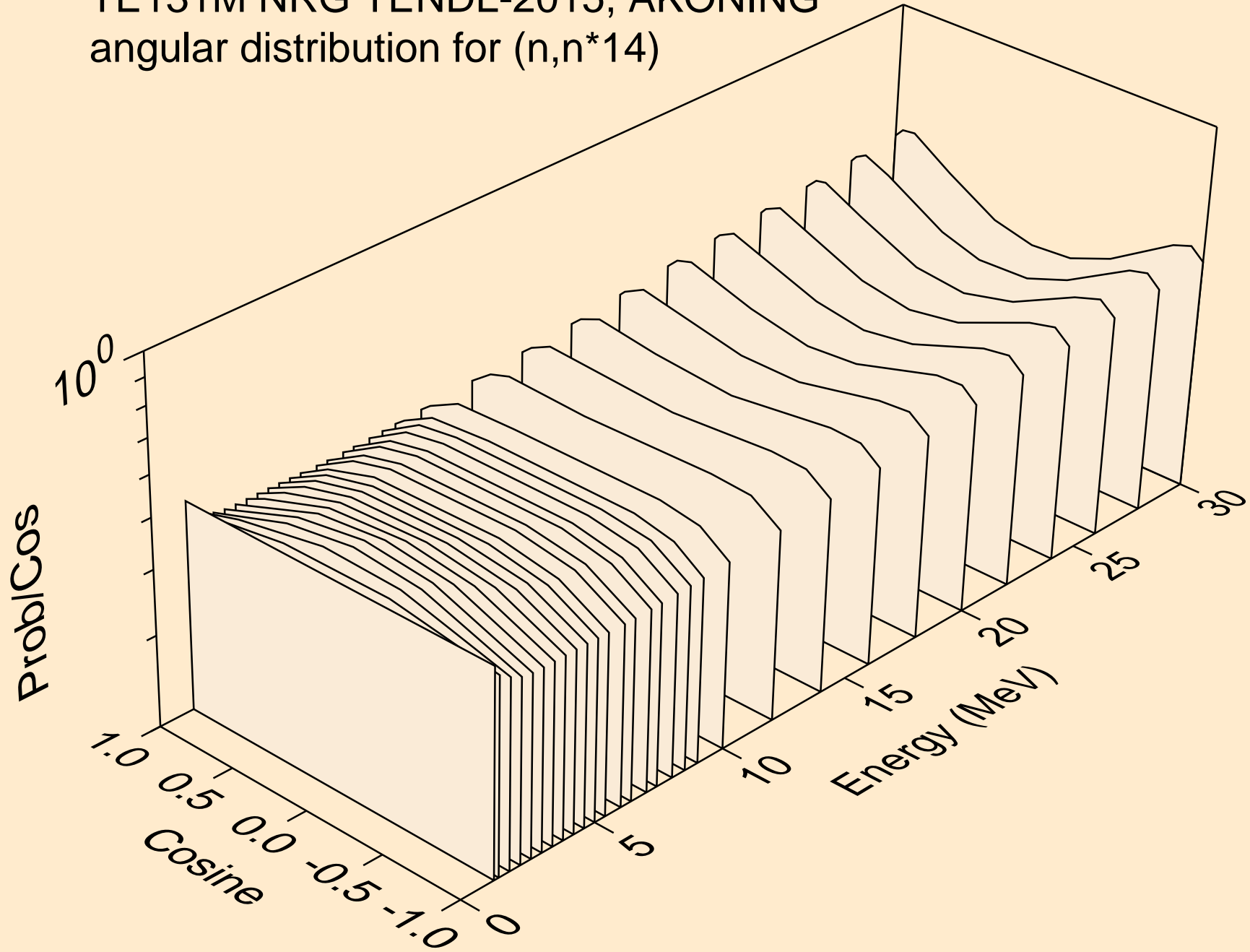
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angular distribution for (n,n\*12)



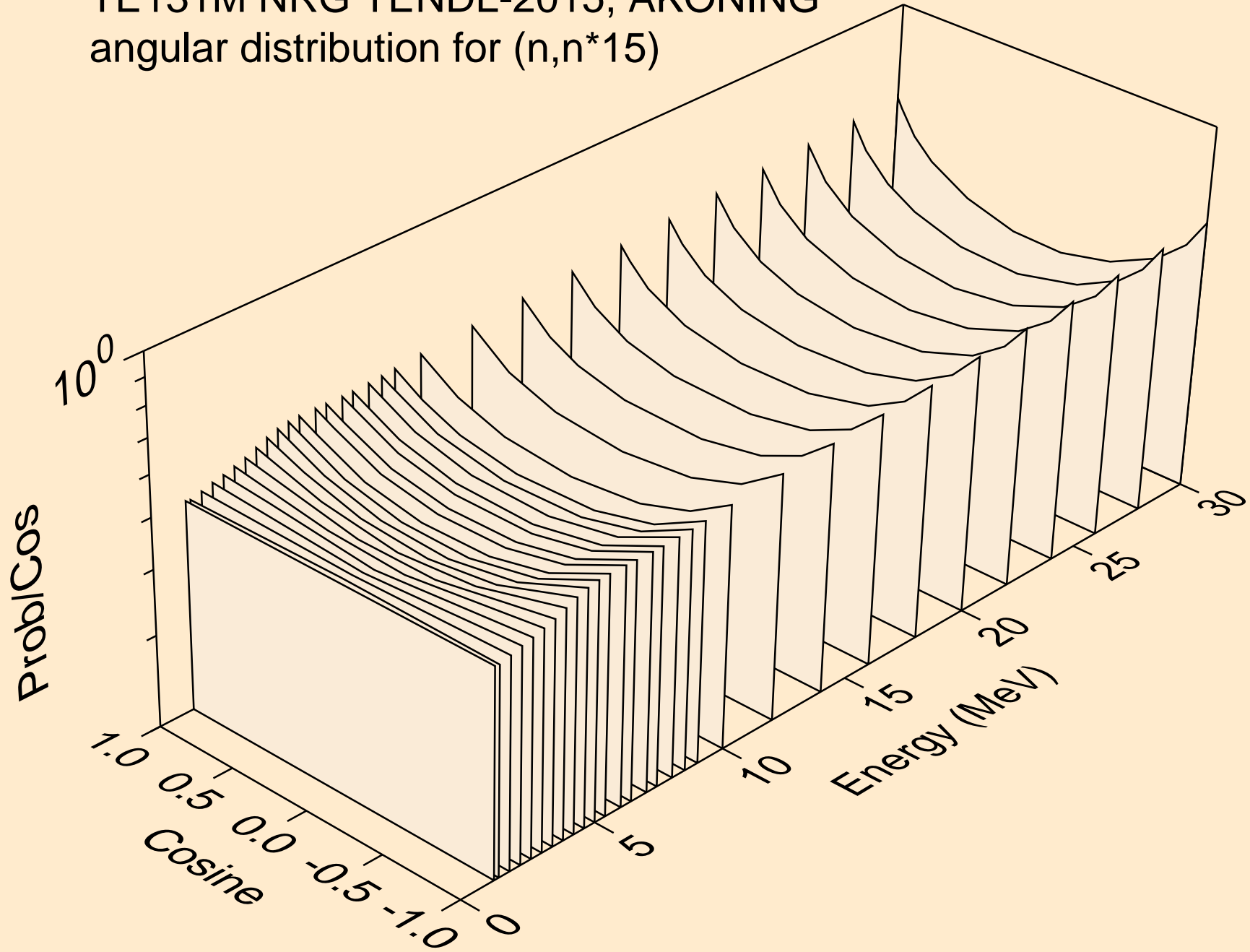
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



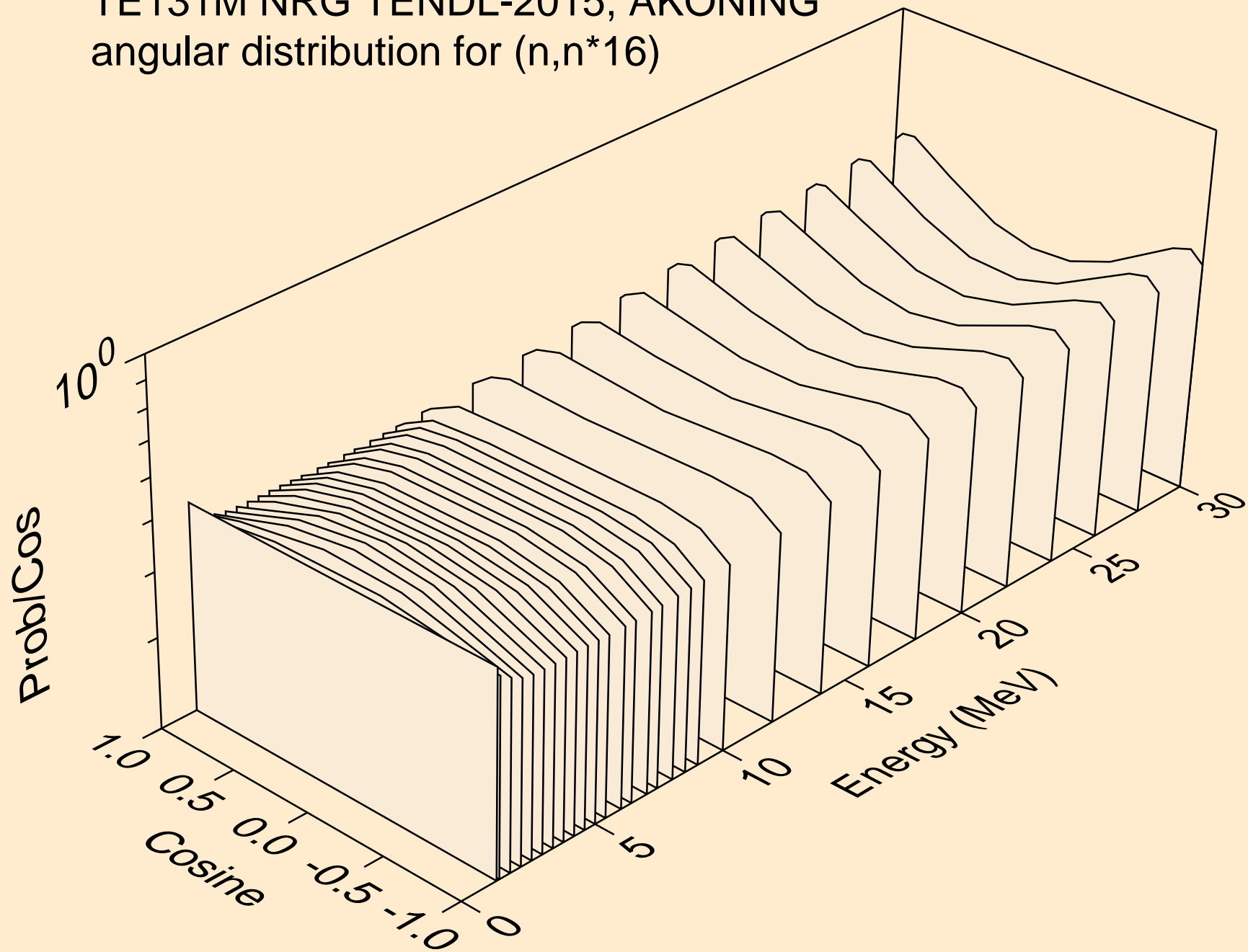
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



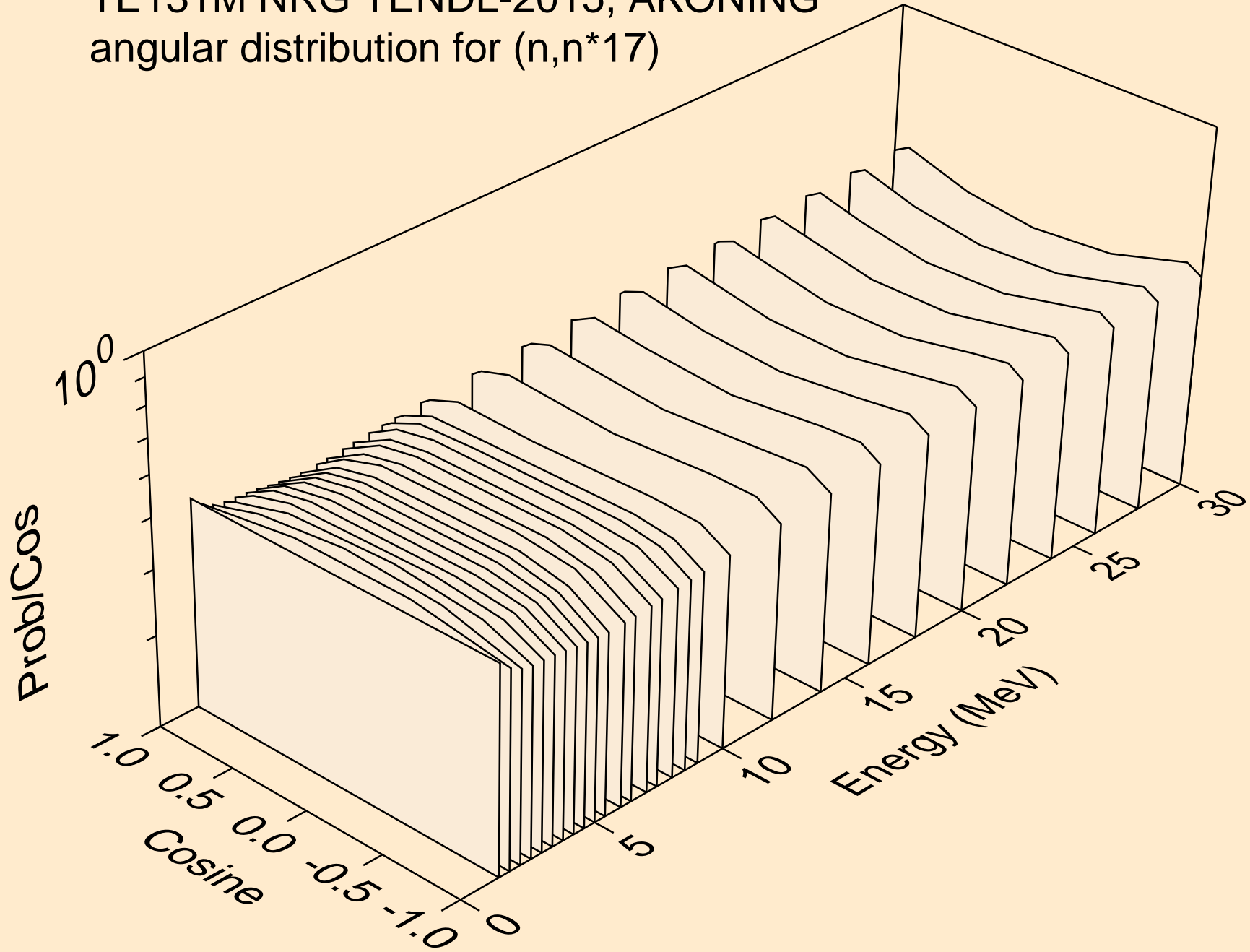
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



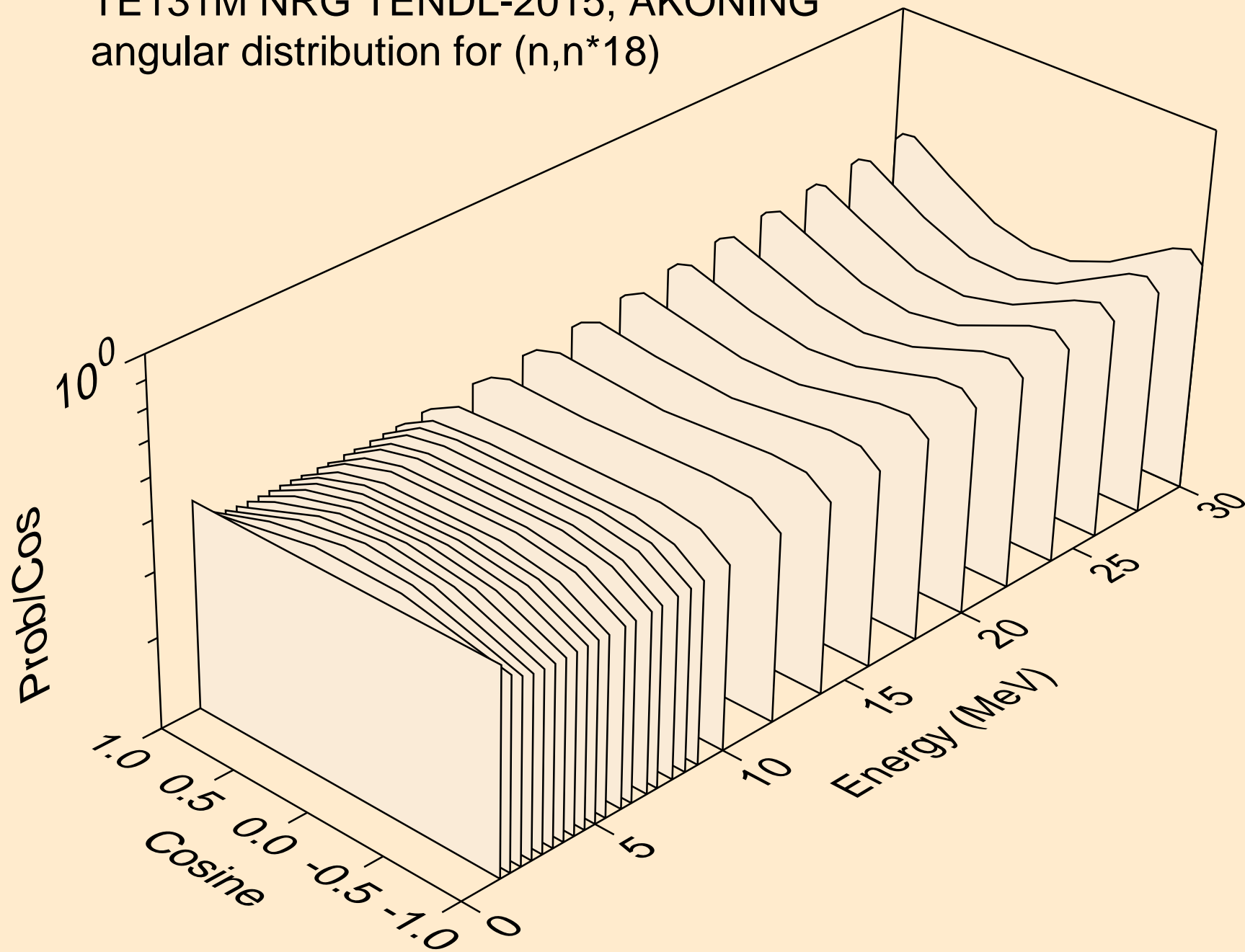
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



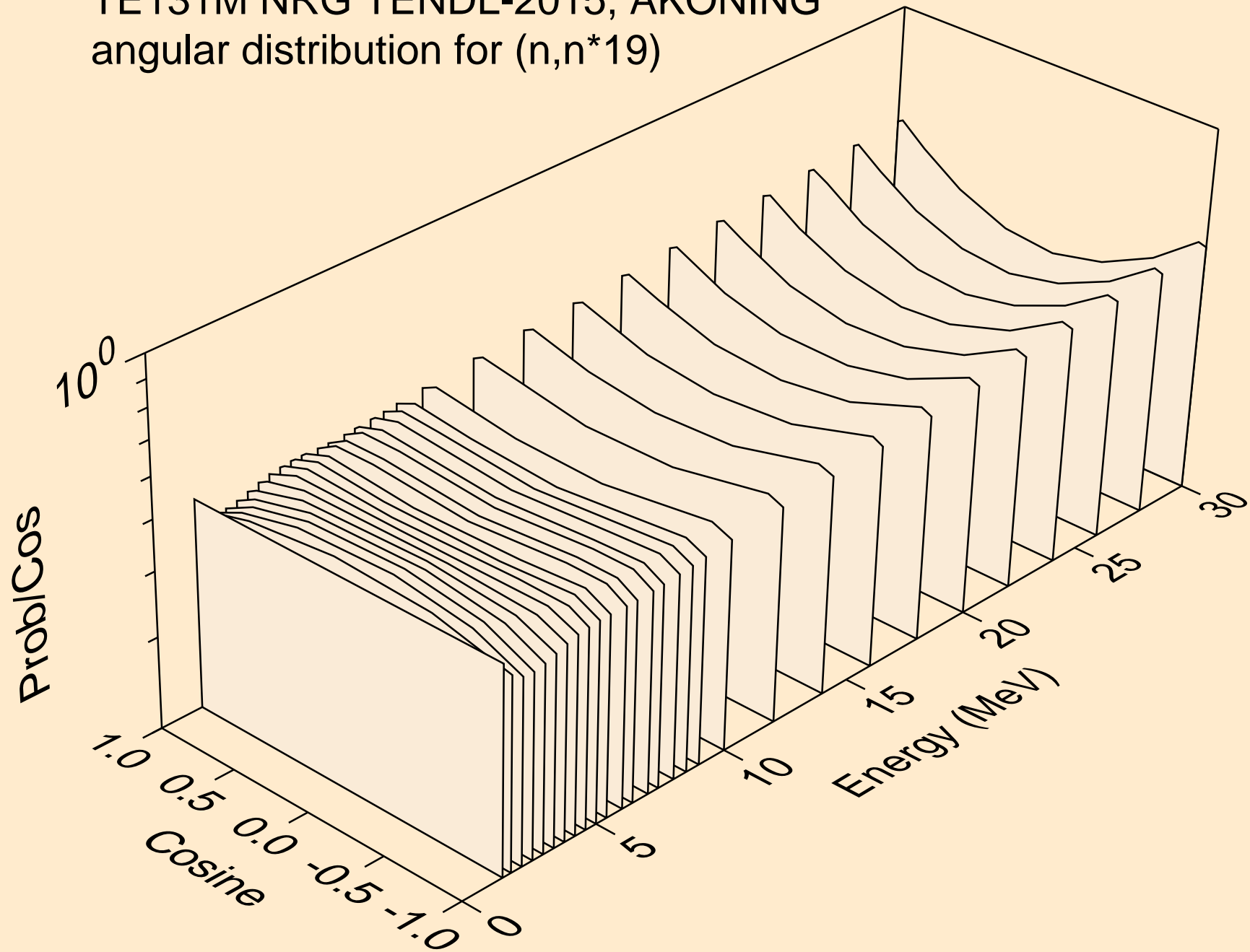
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)

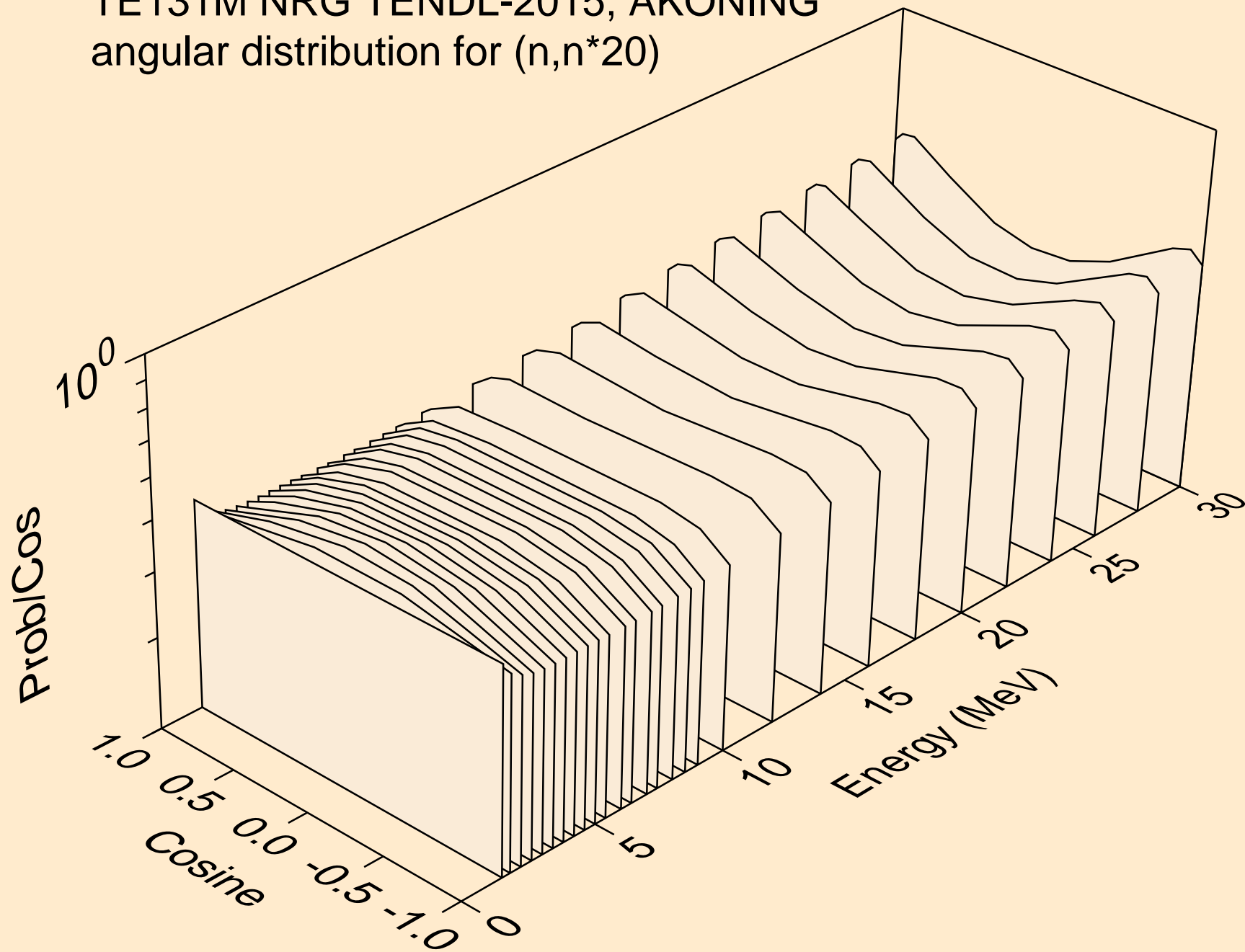


TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

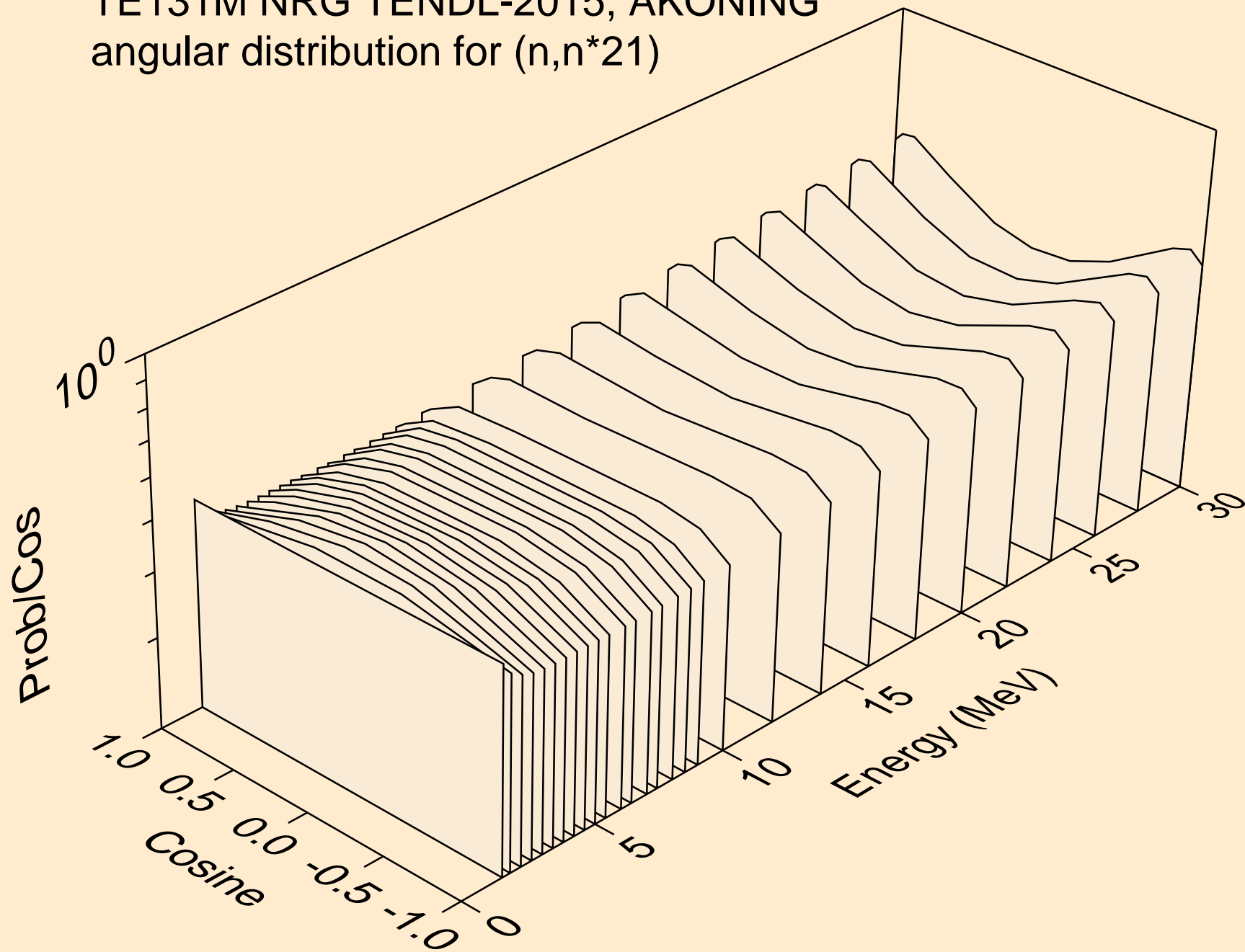




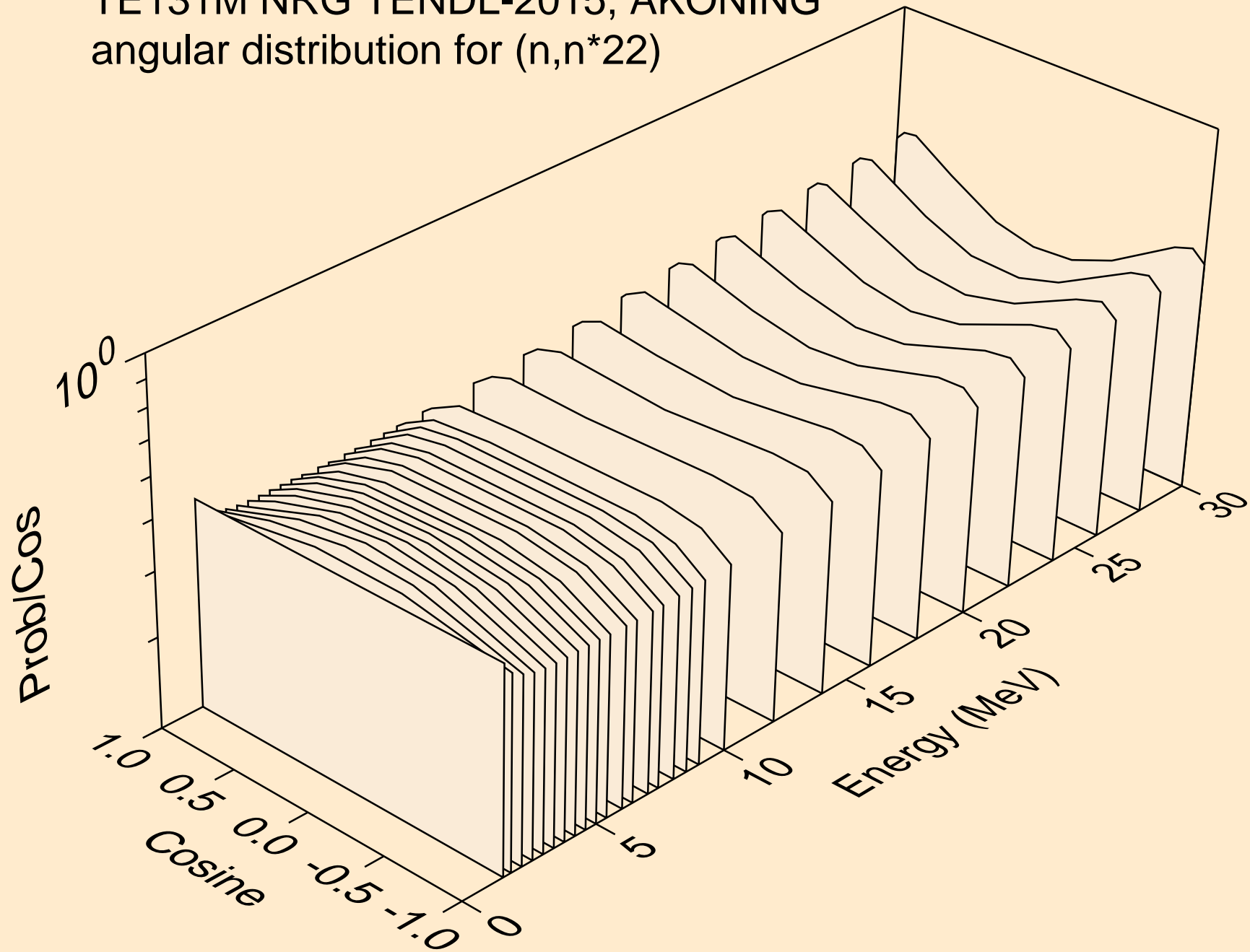
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angular distribution for (n,n\*20)



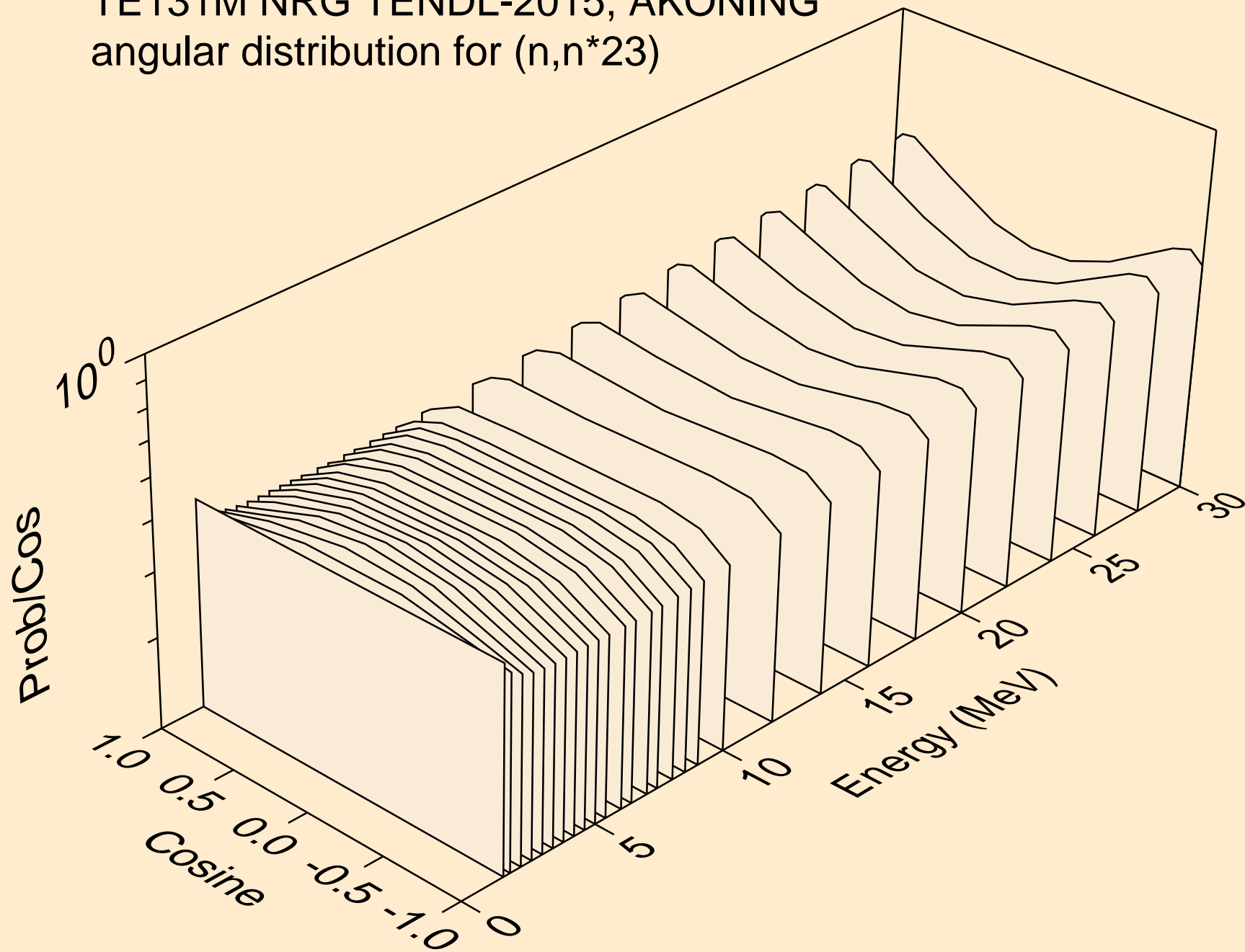
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angular distribution for (n,n\*21)



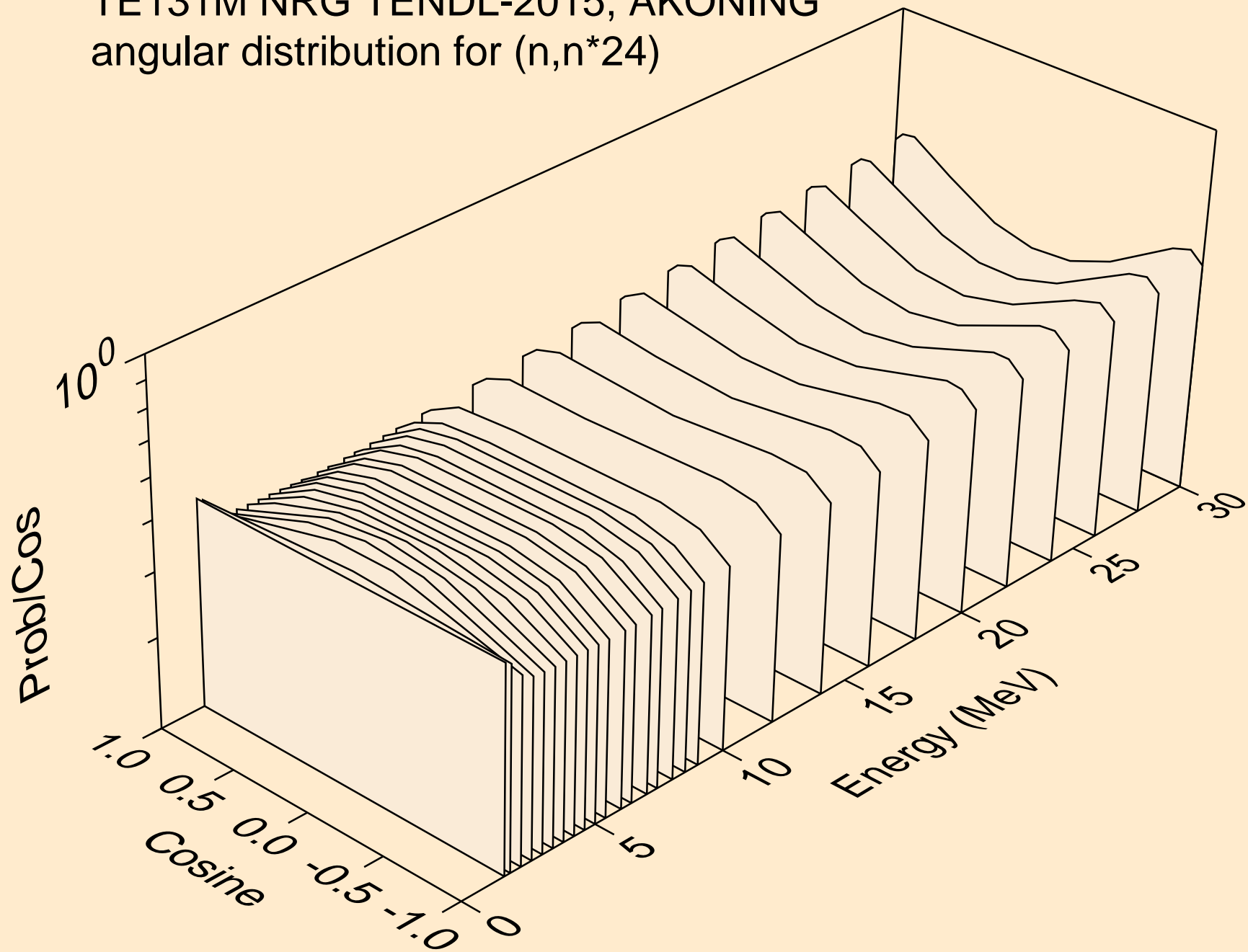
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



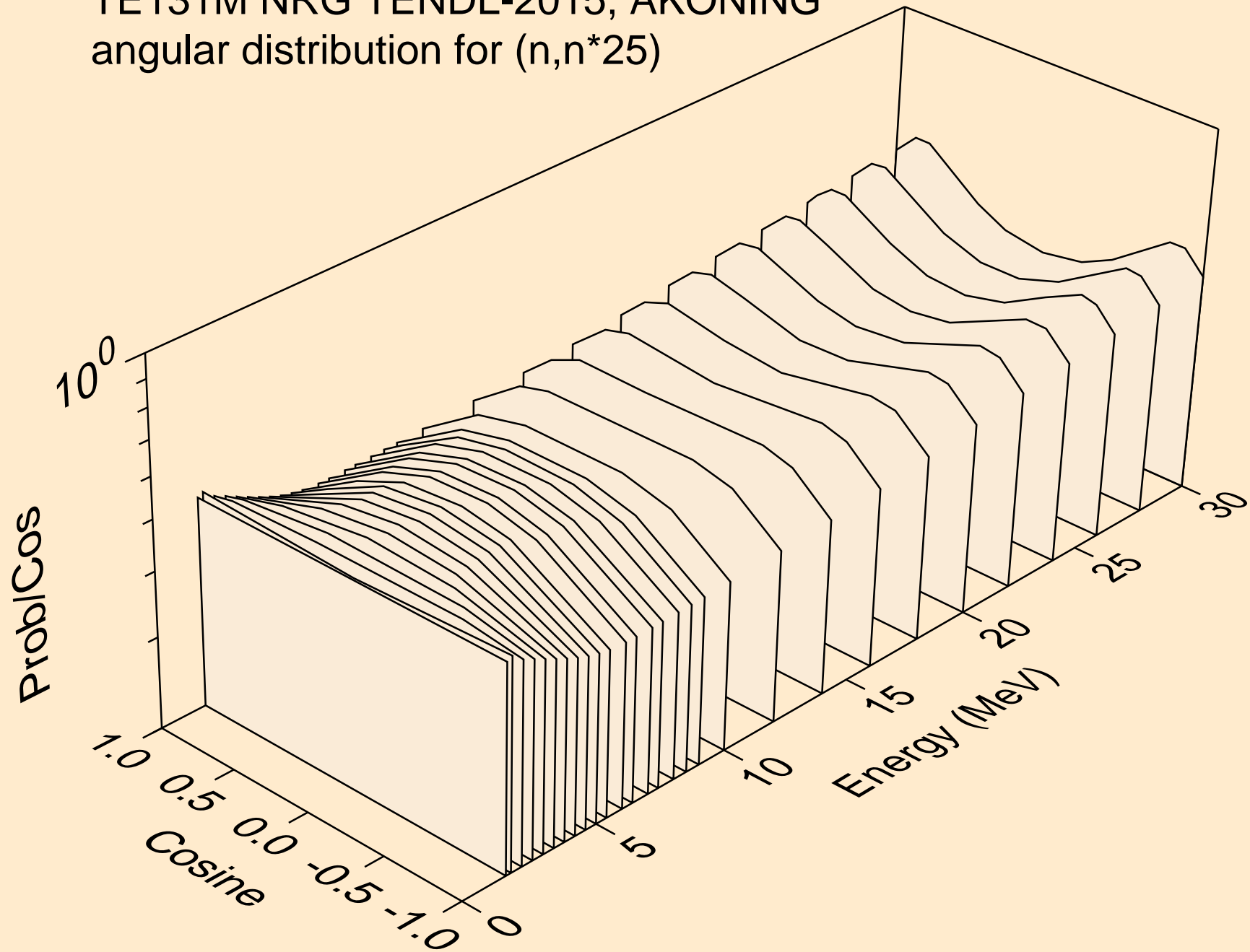
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



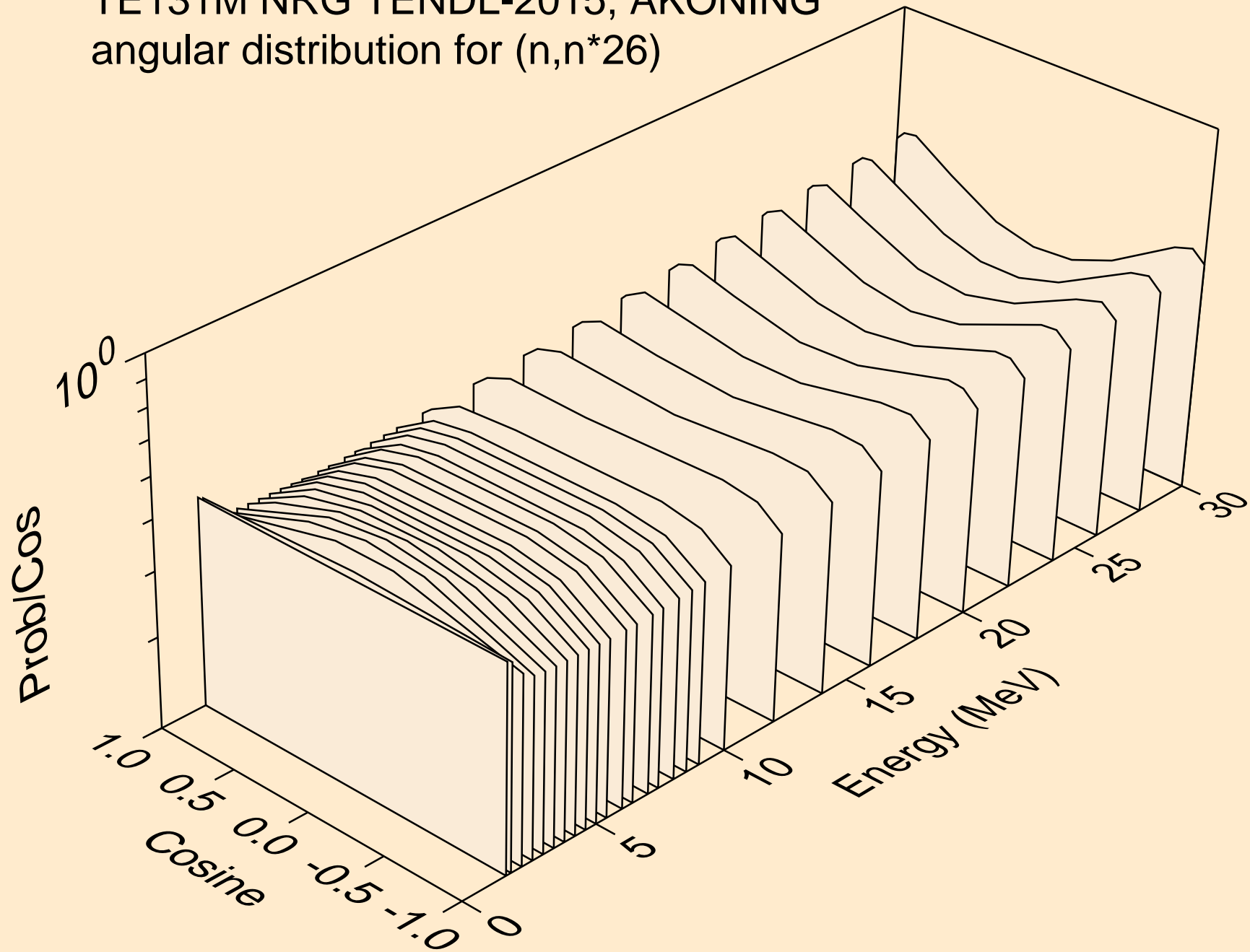
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



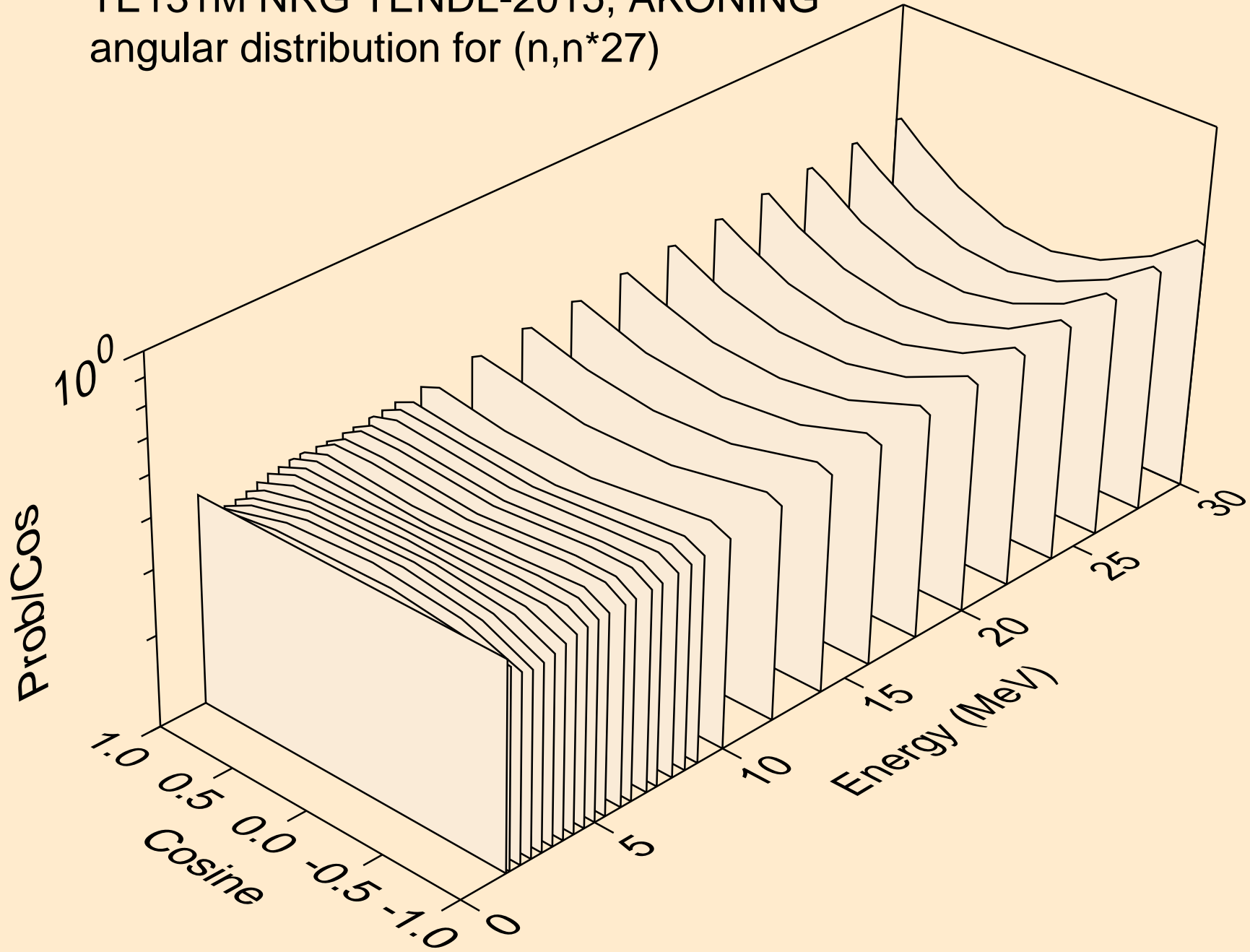
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)

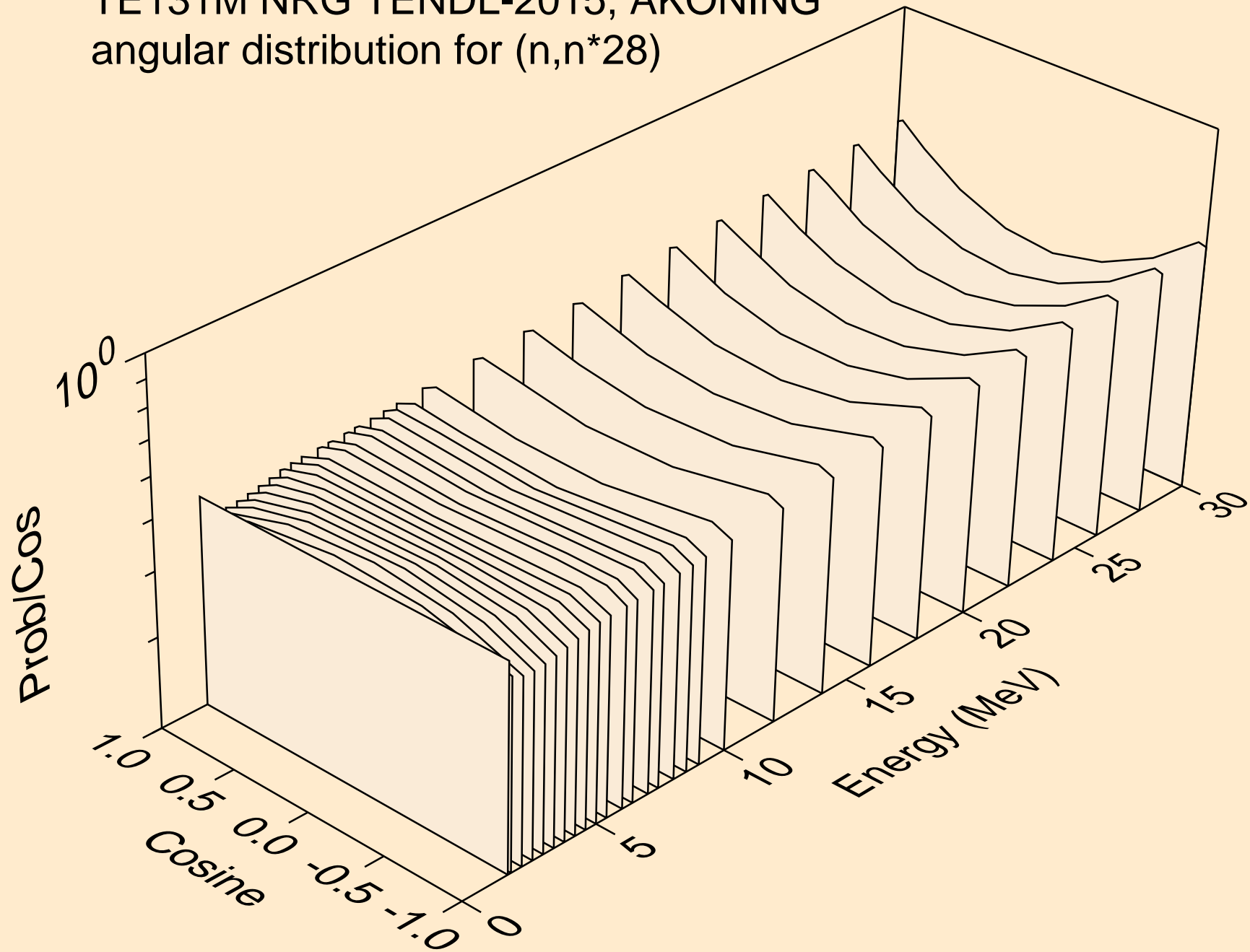


TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

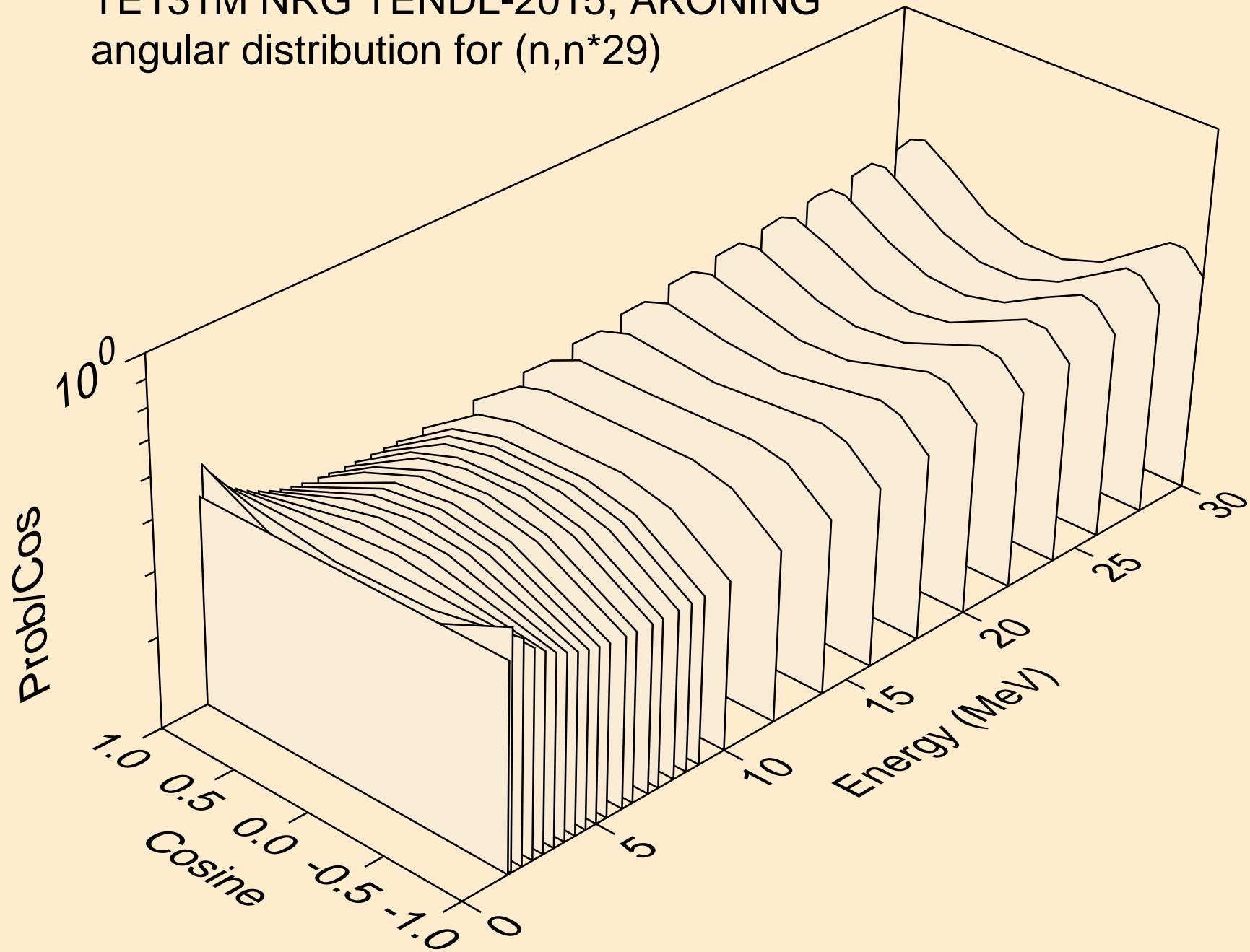




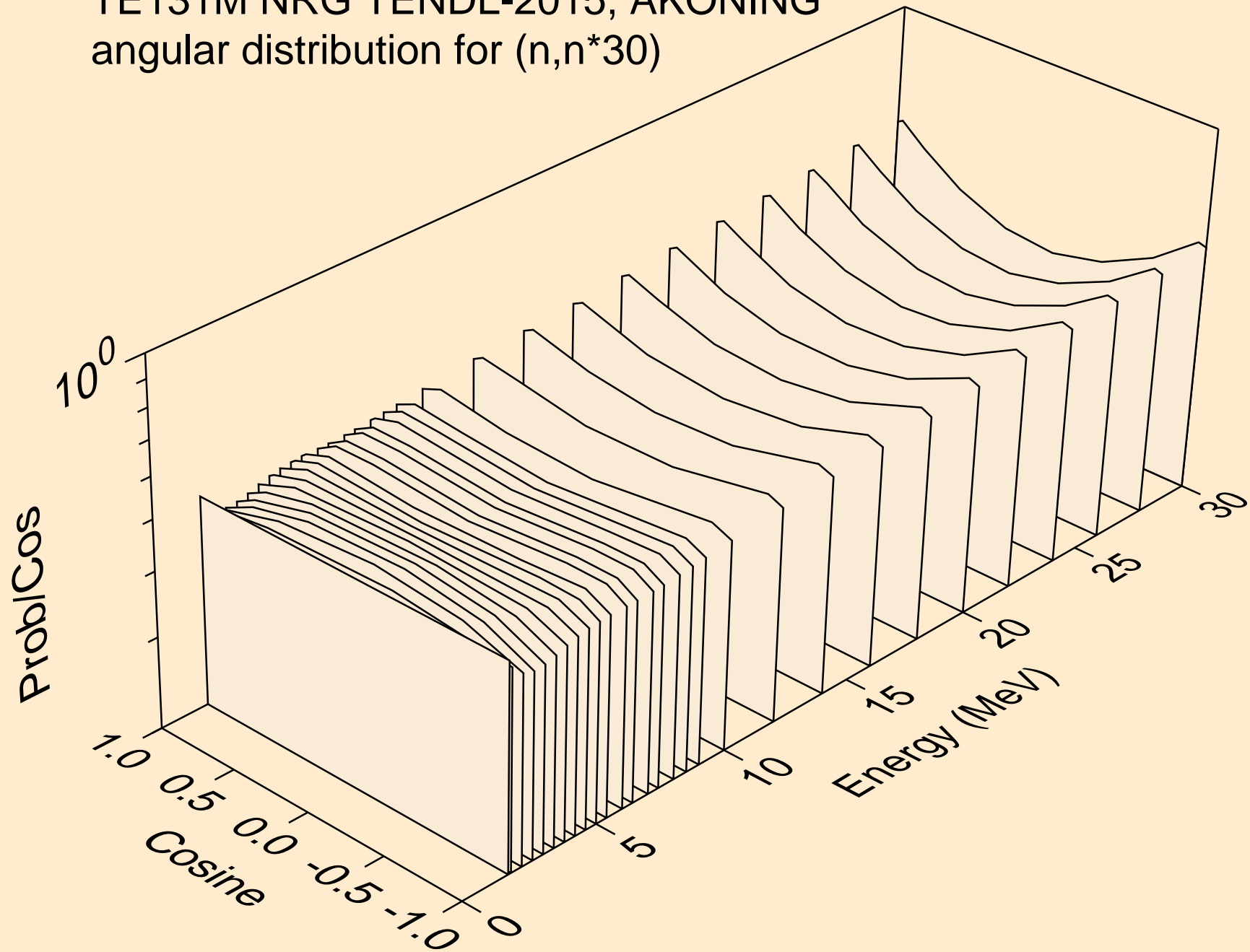
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



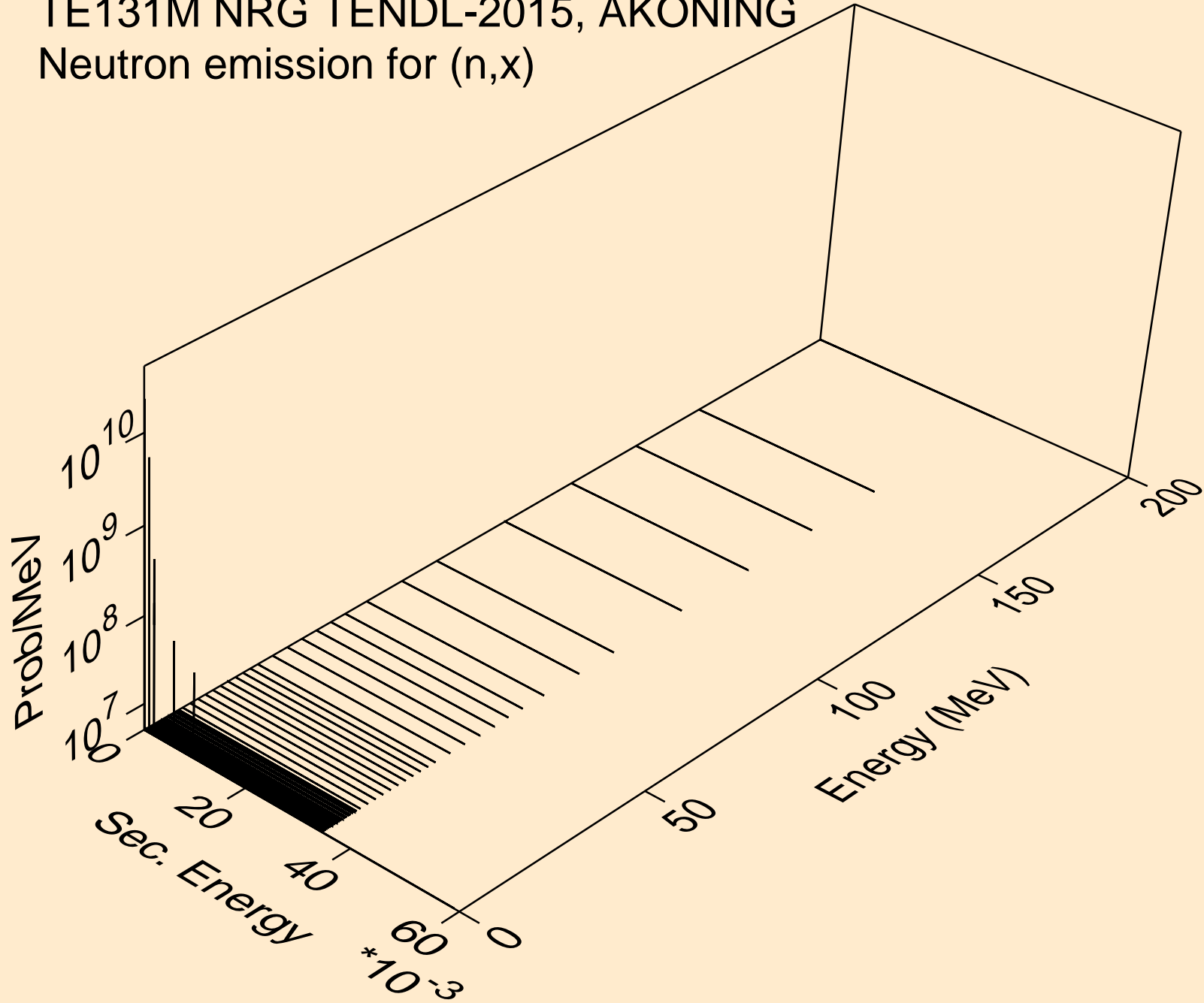
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



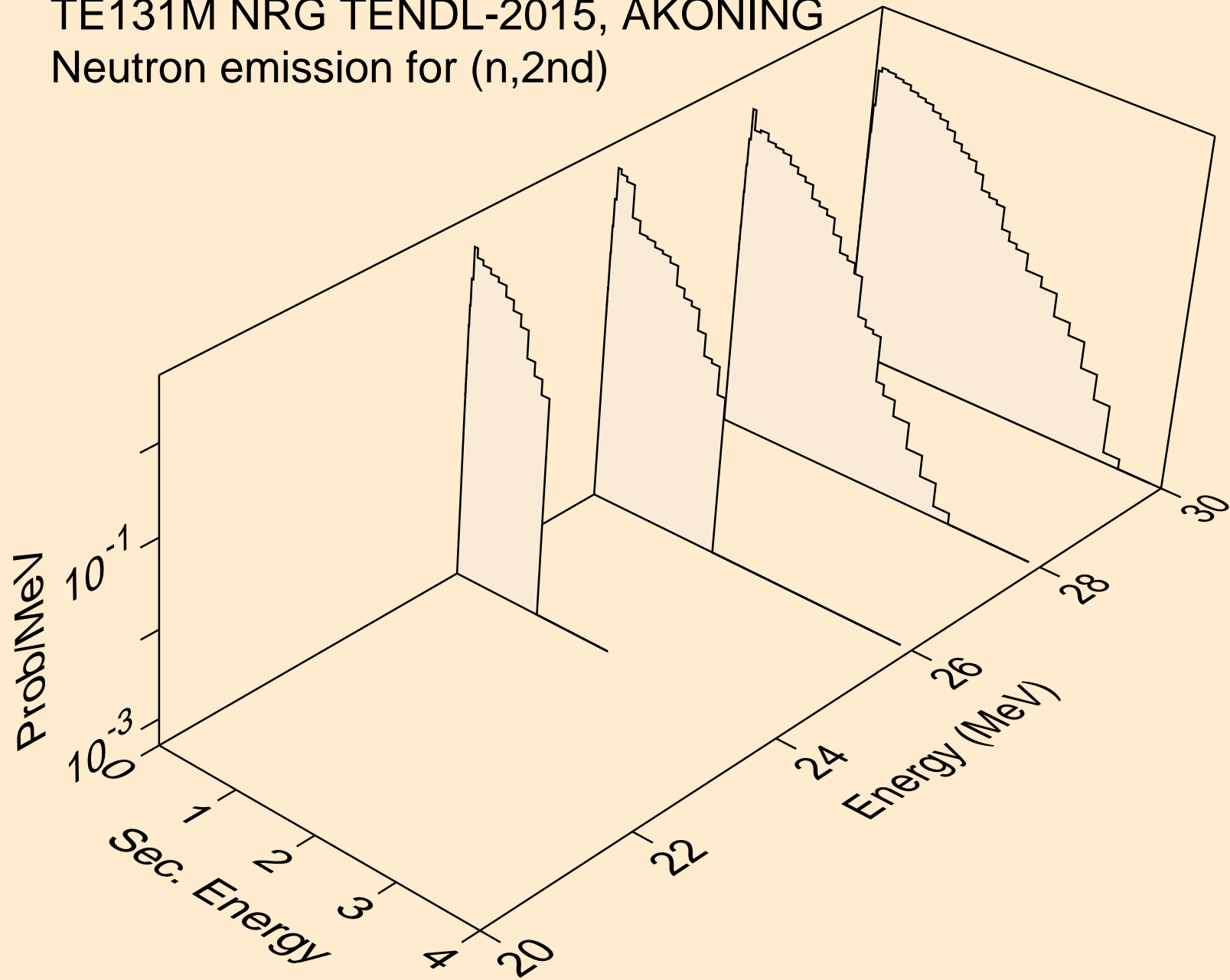
TE131M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



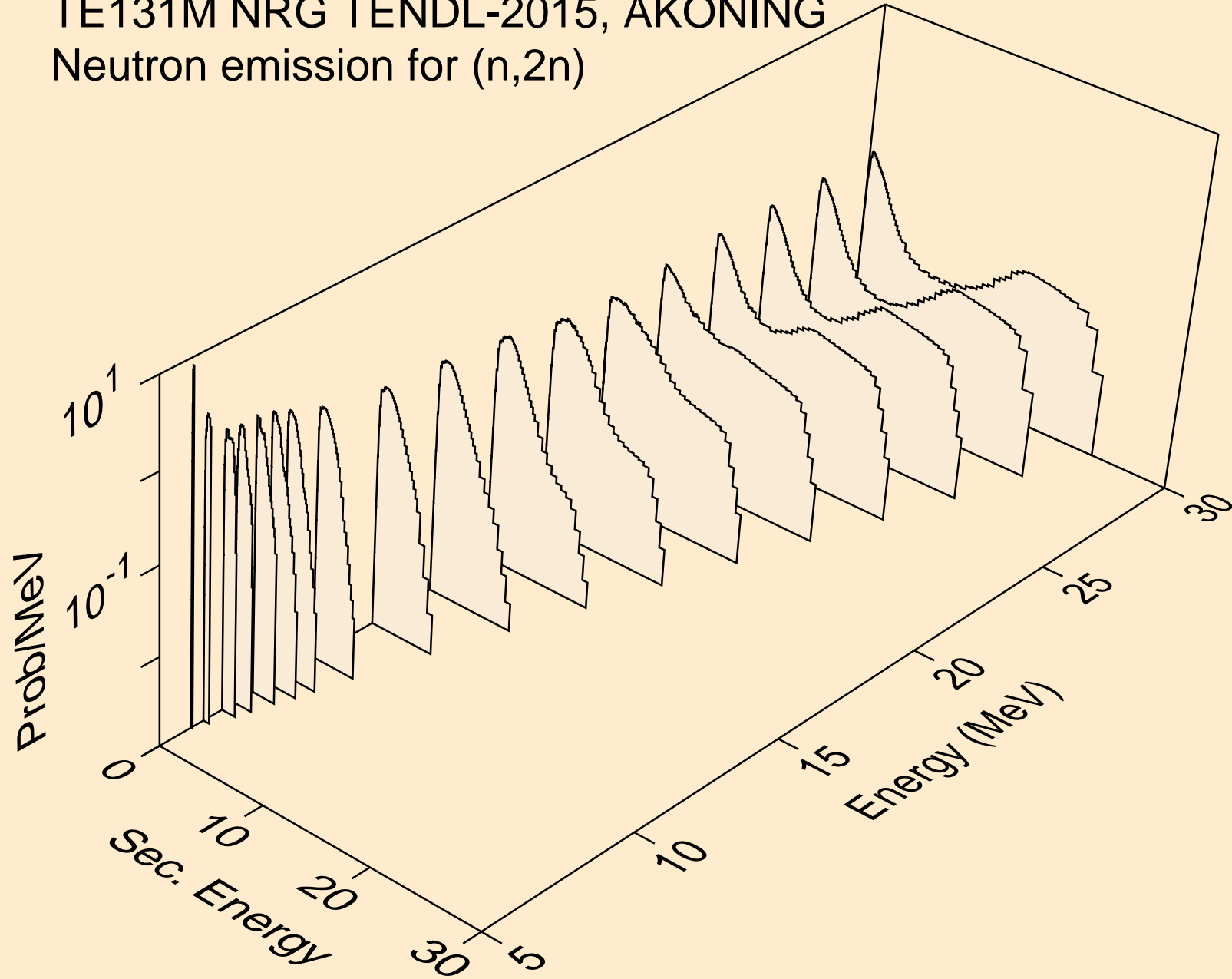
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



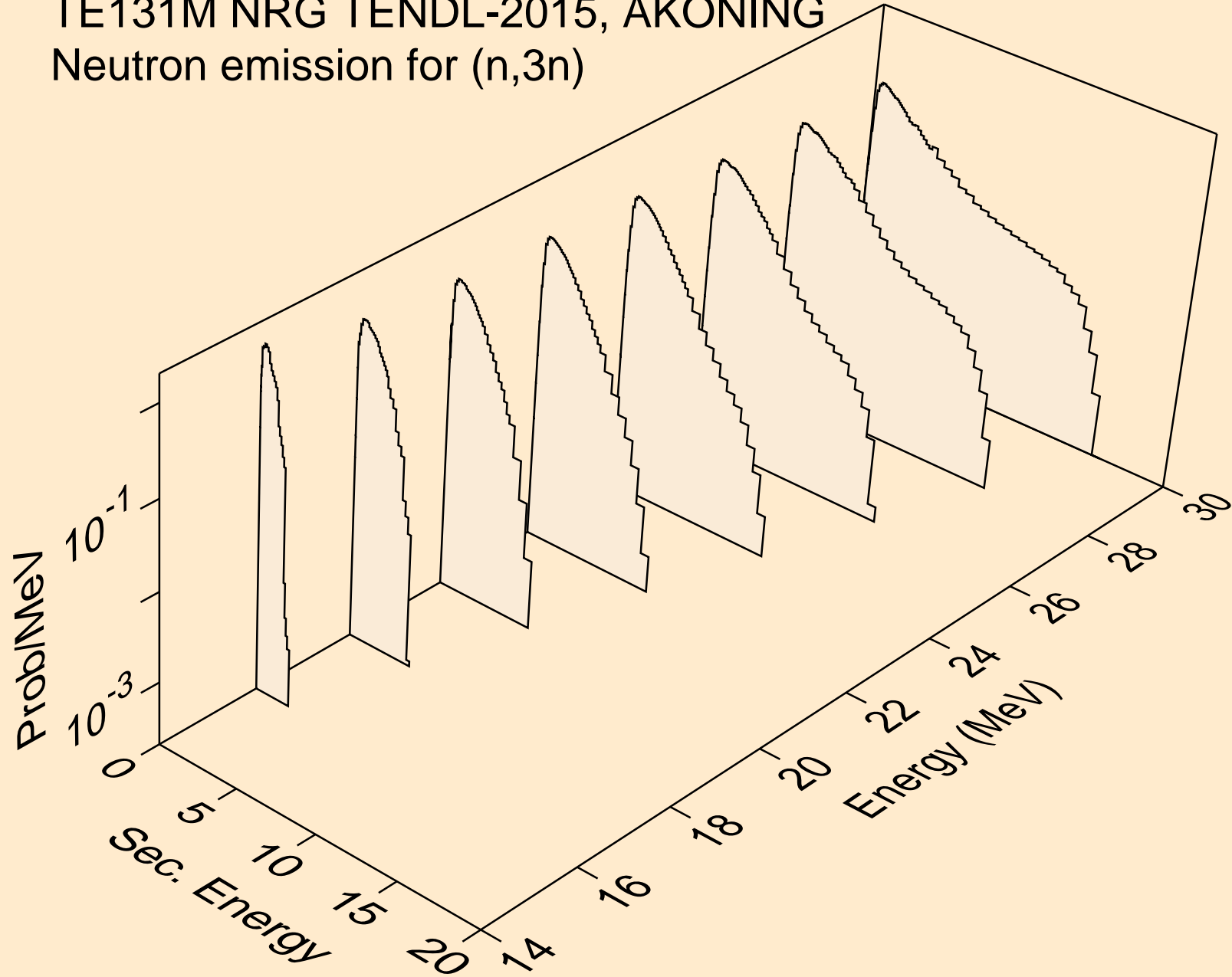
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



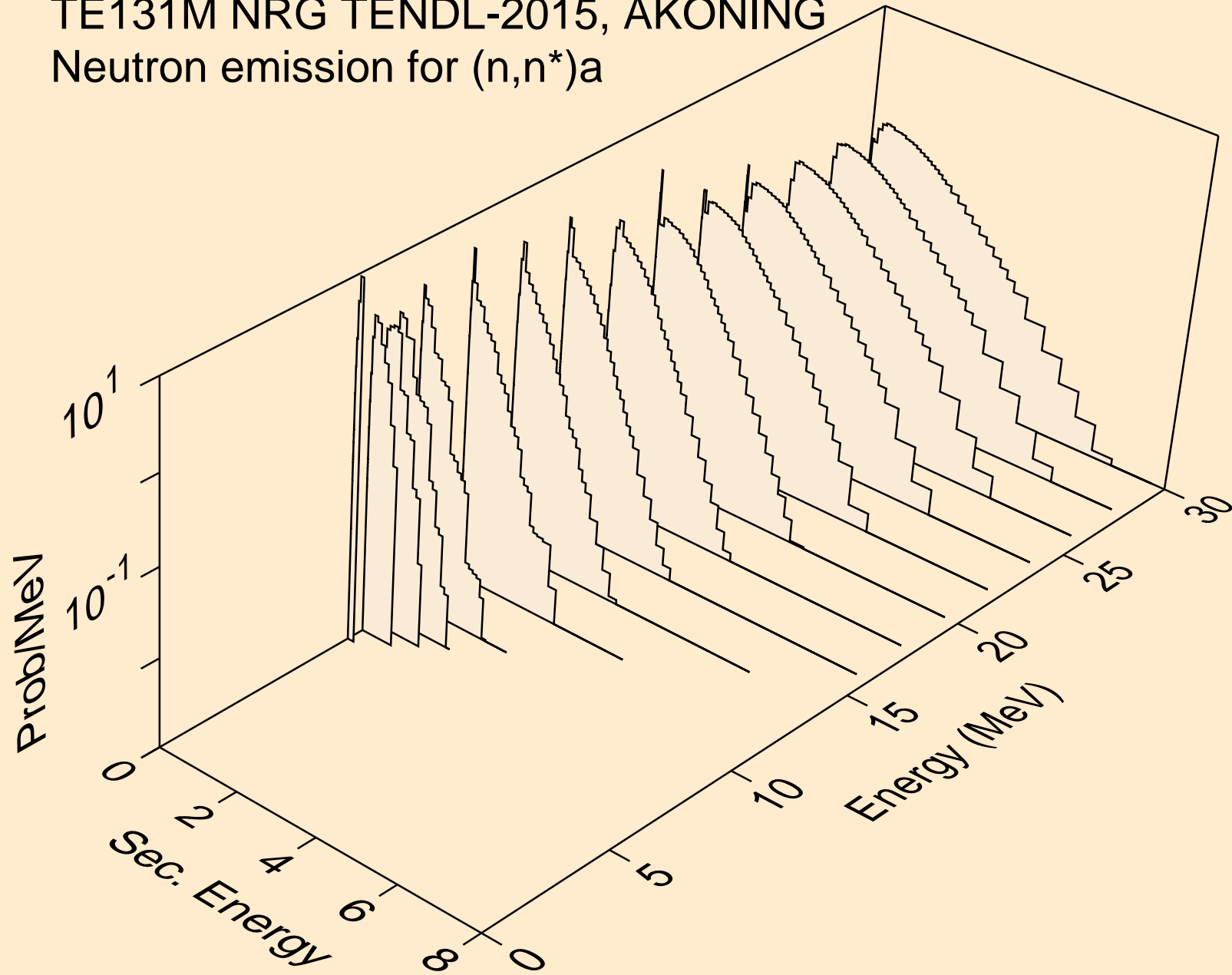
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

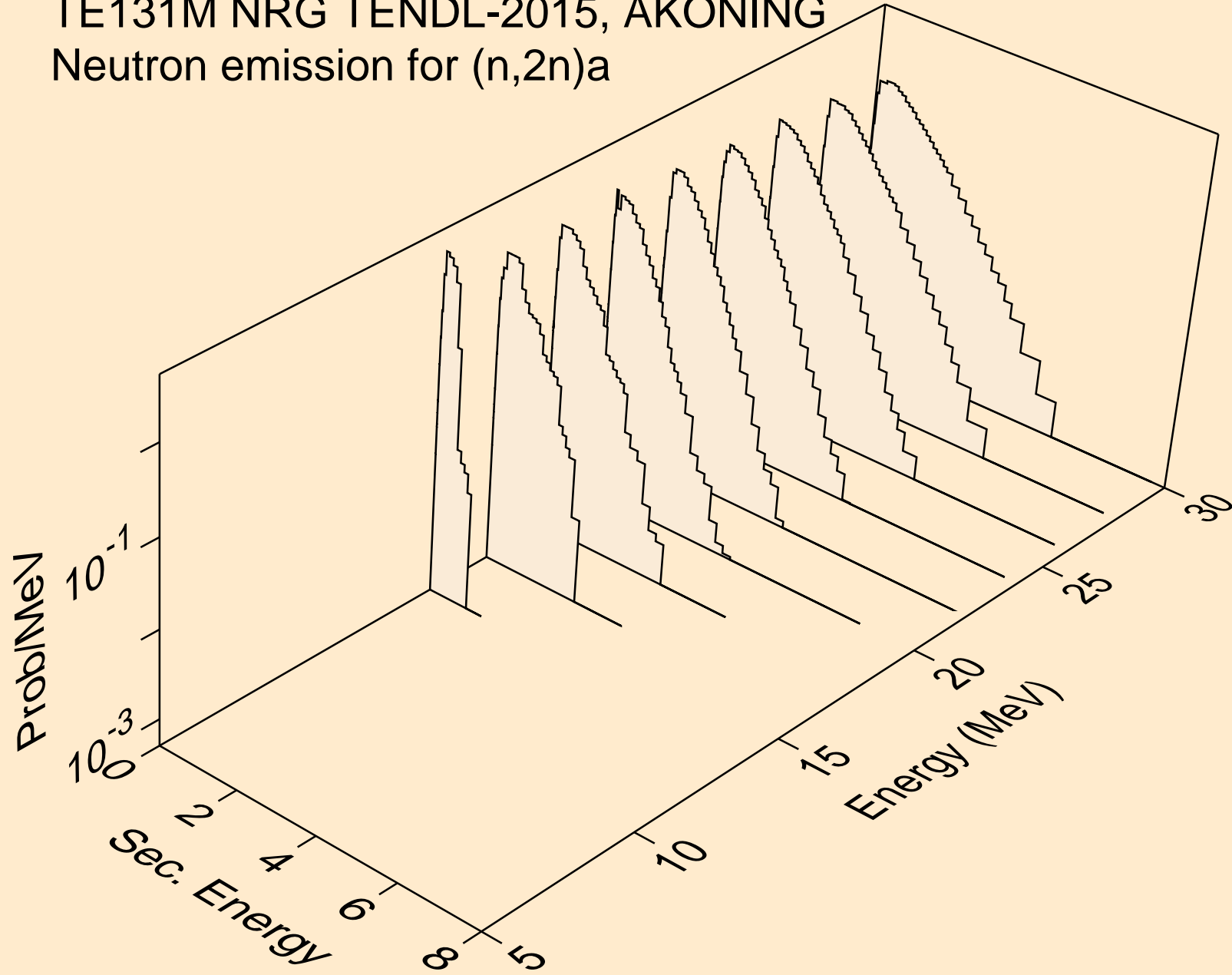


TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

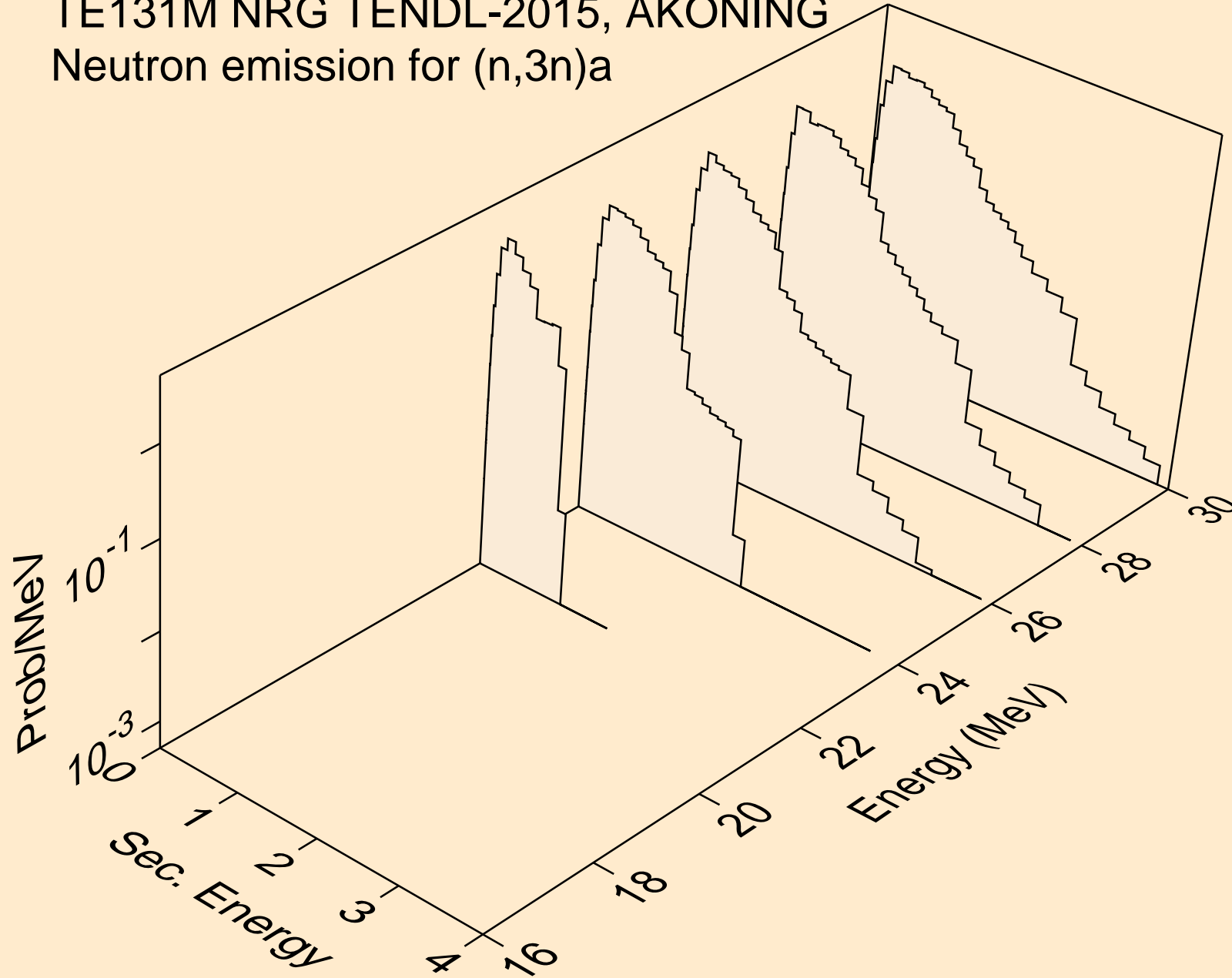




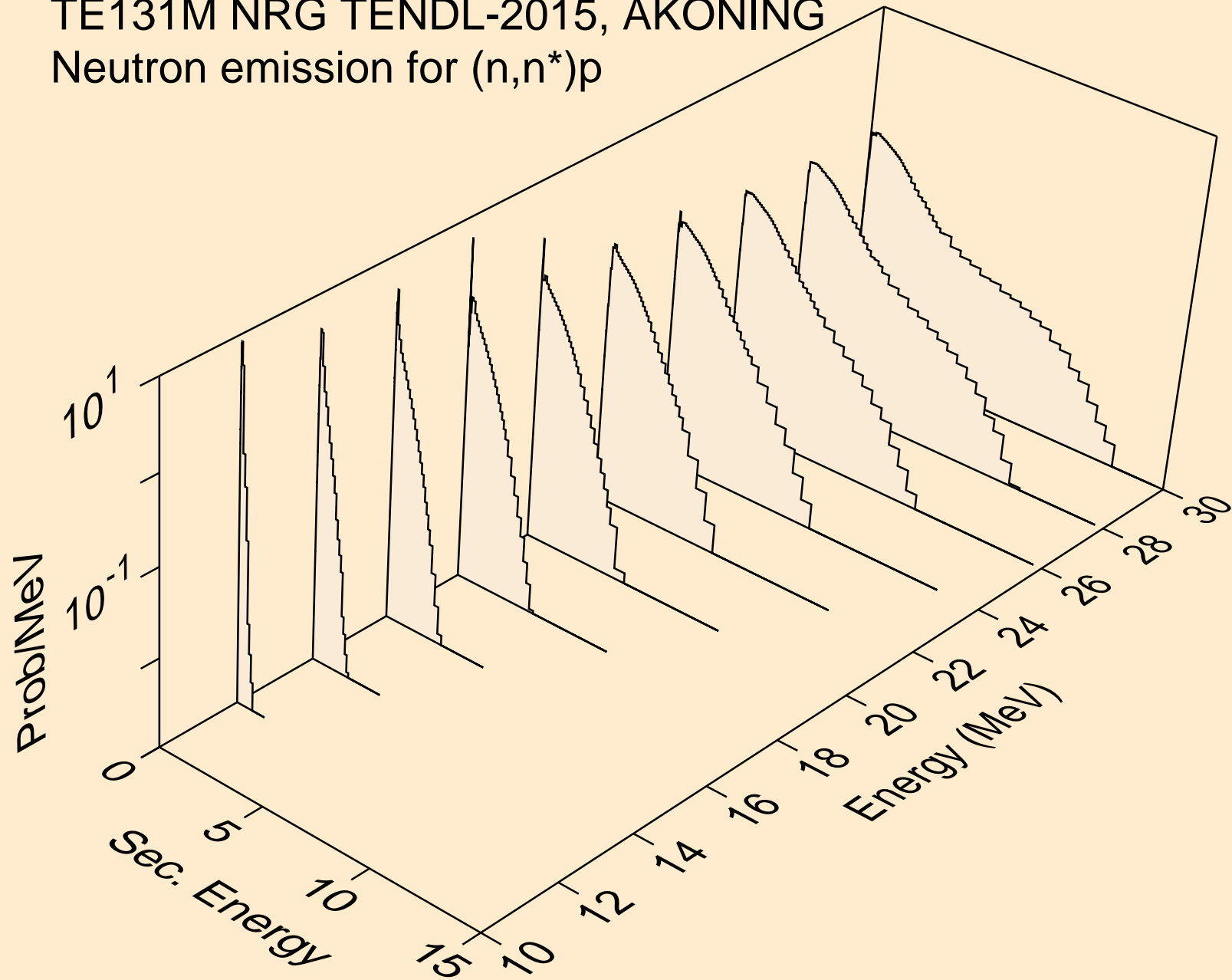
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



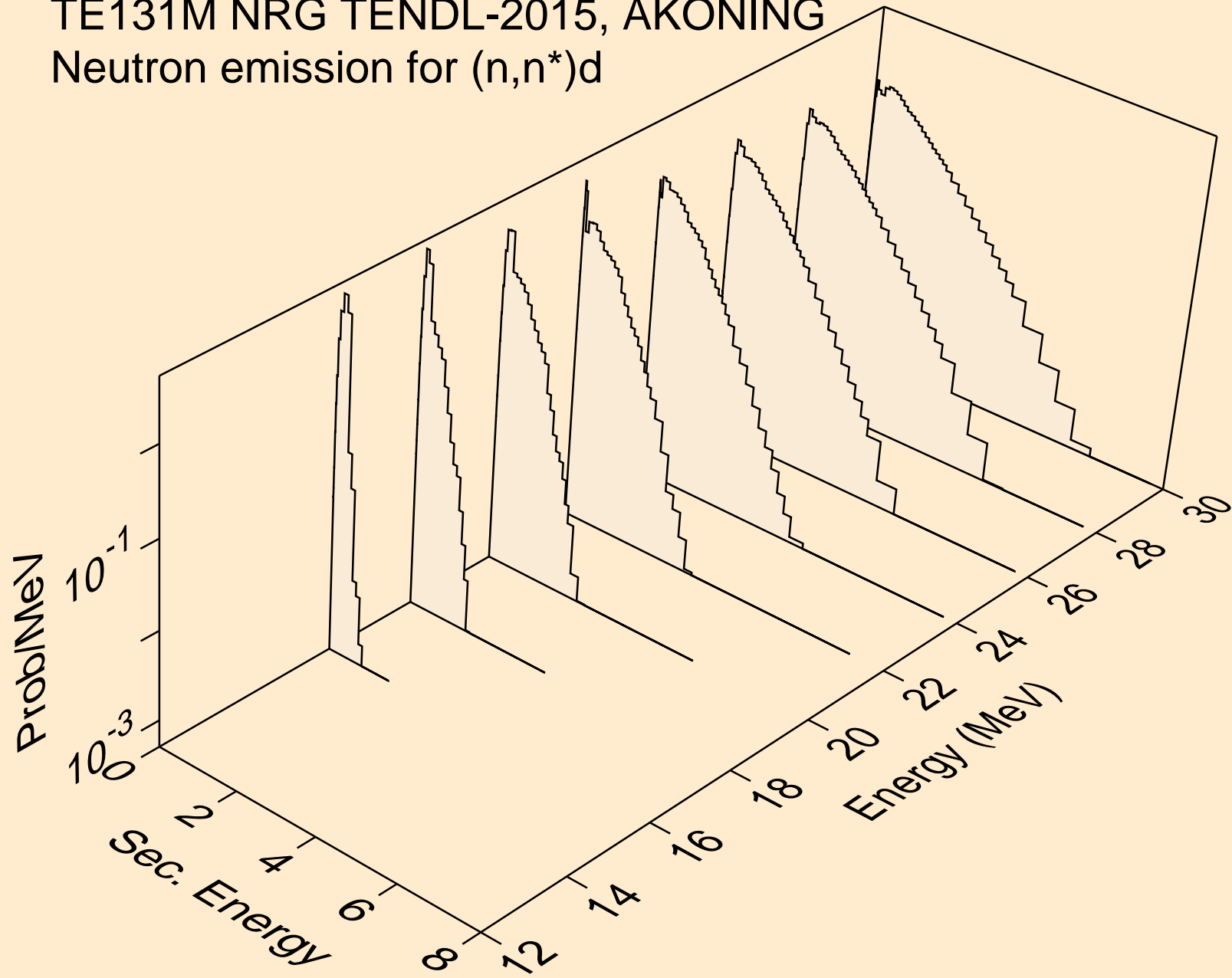
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



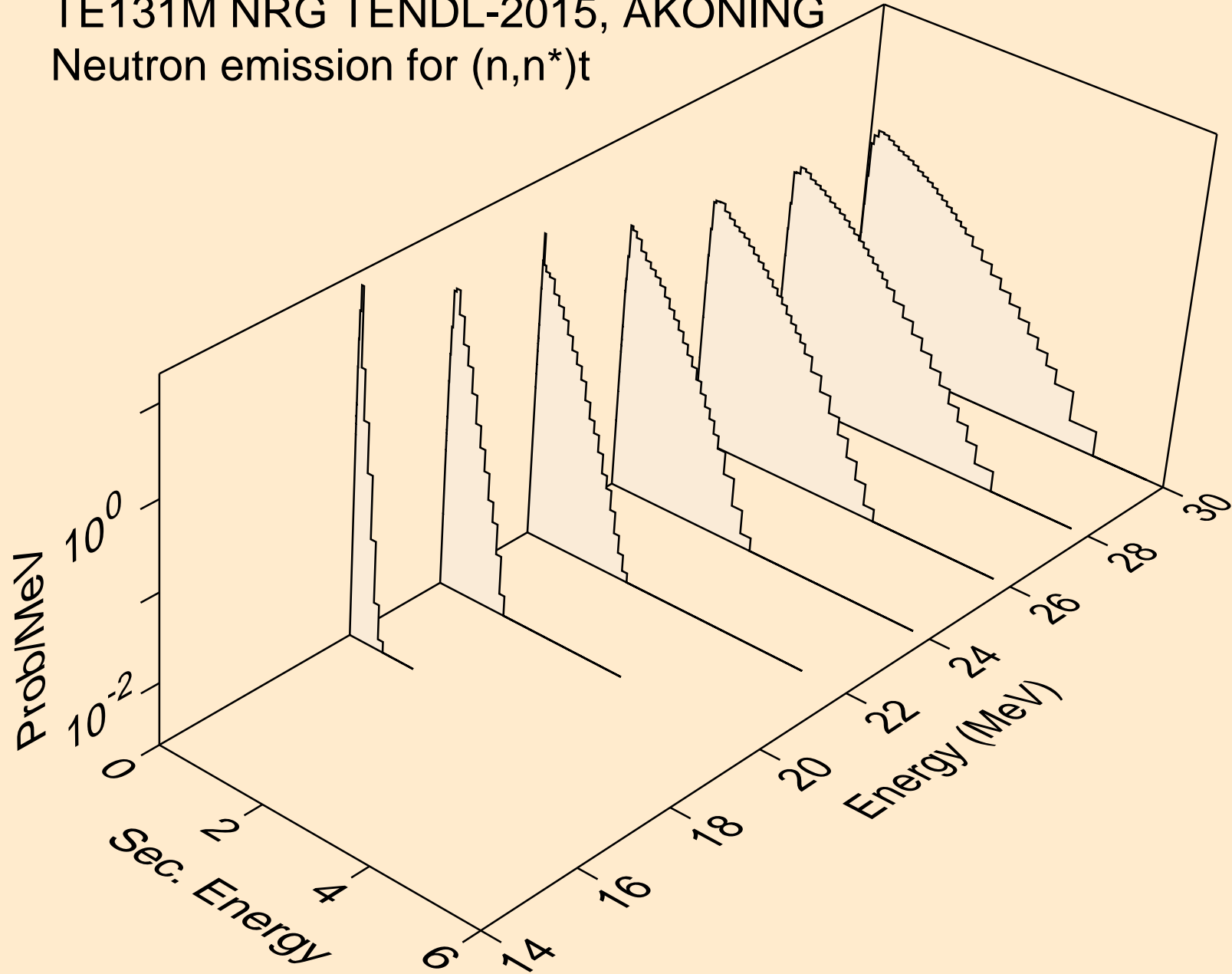
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



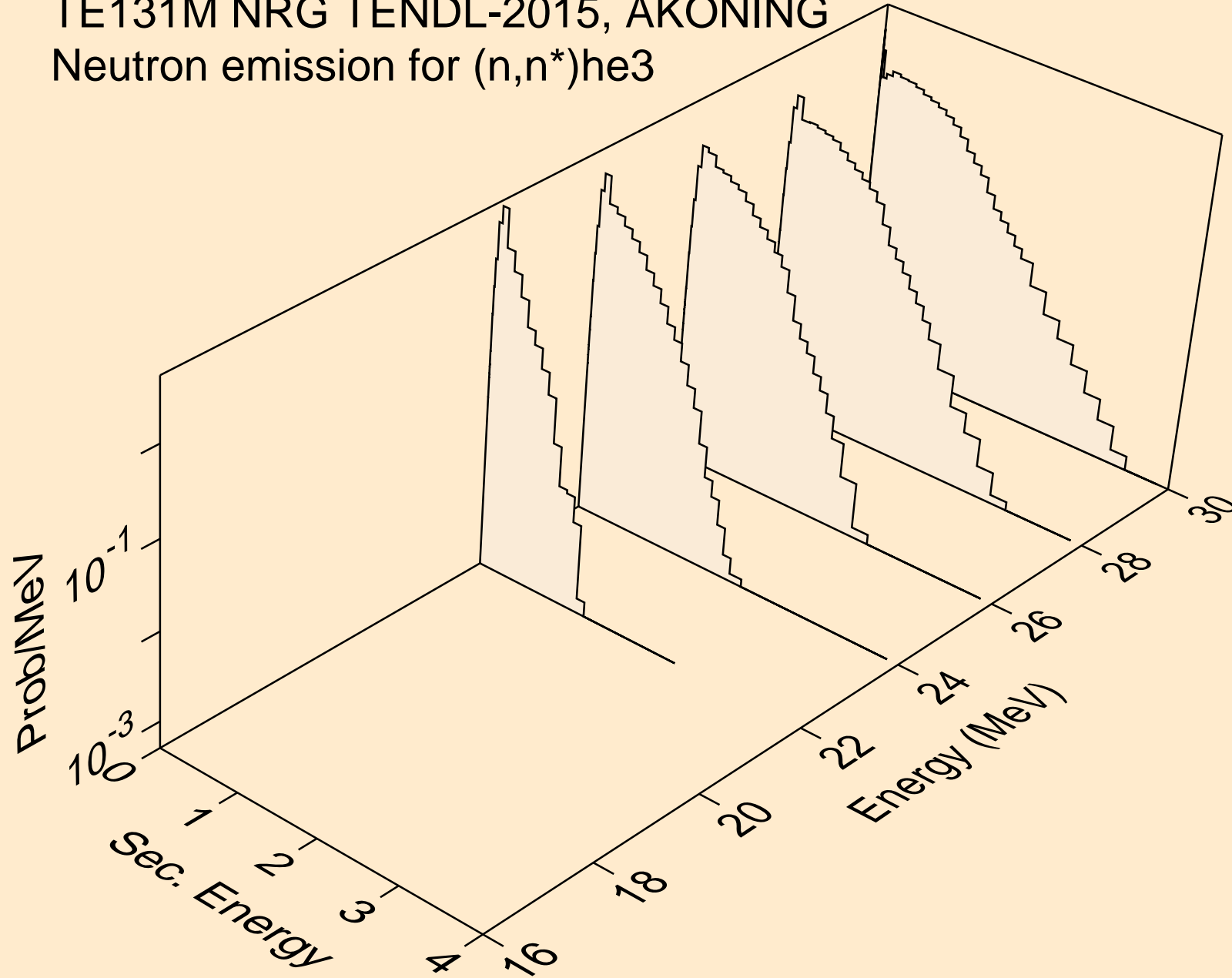
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



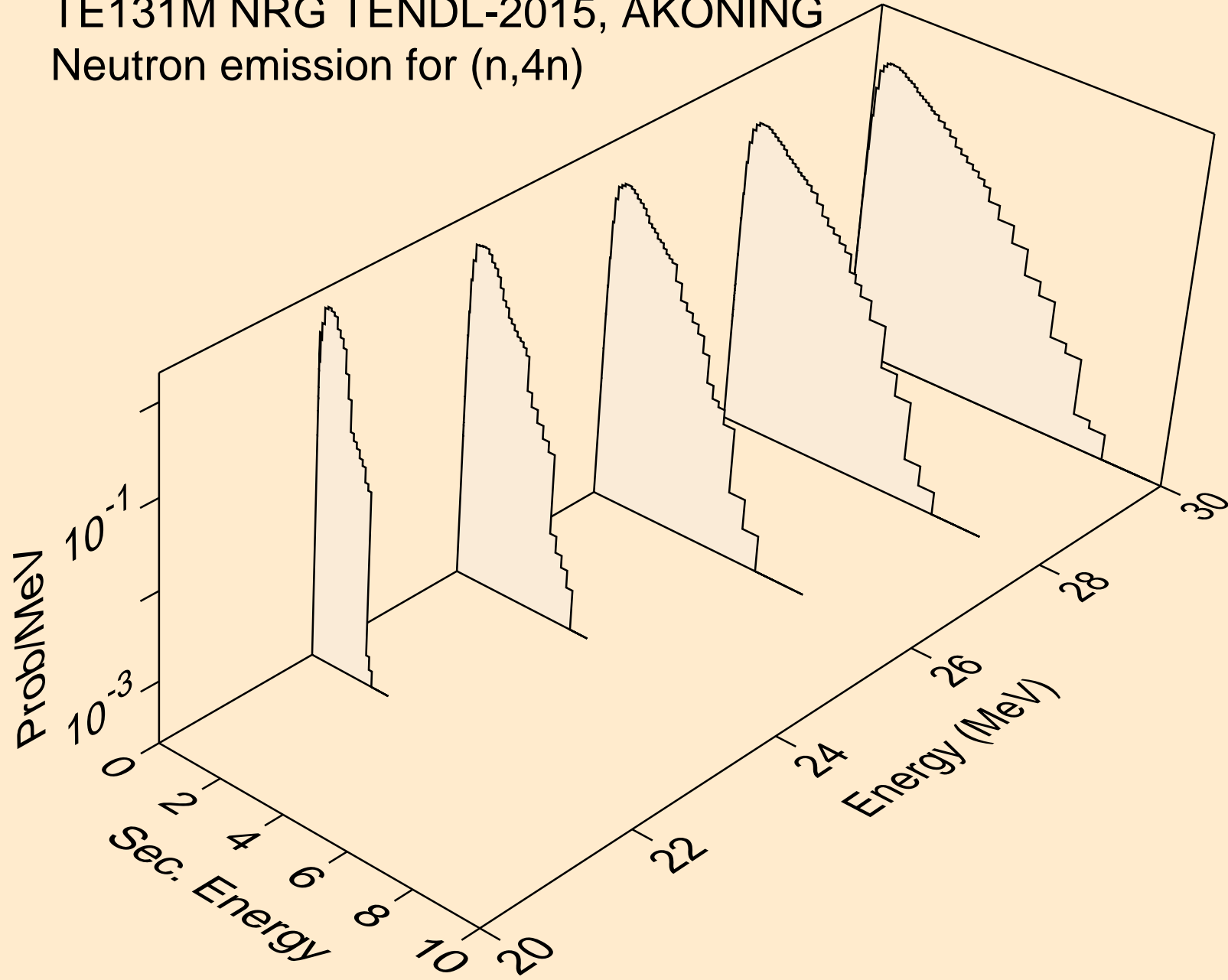
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



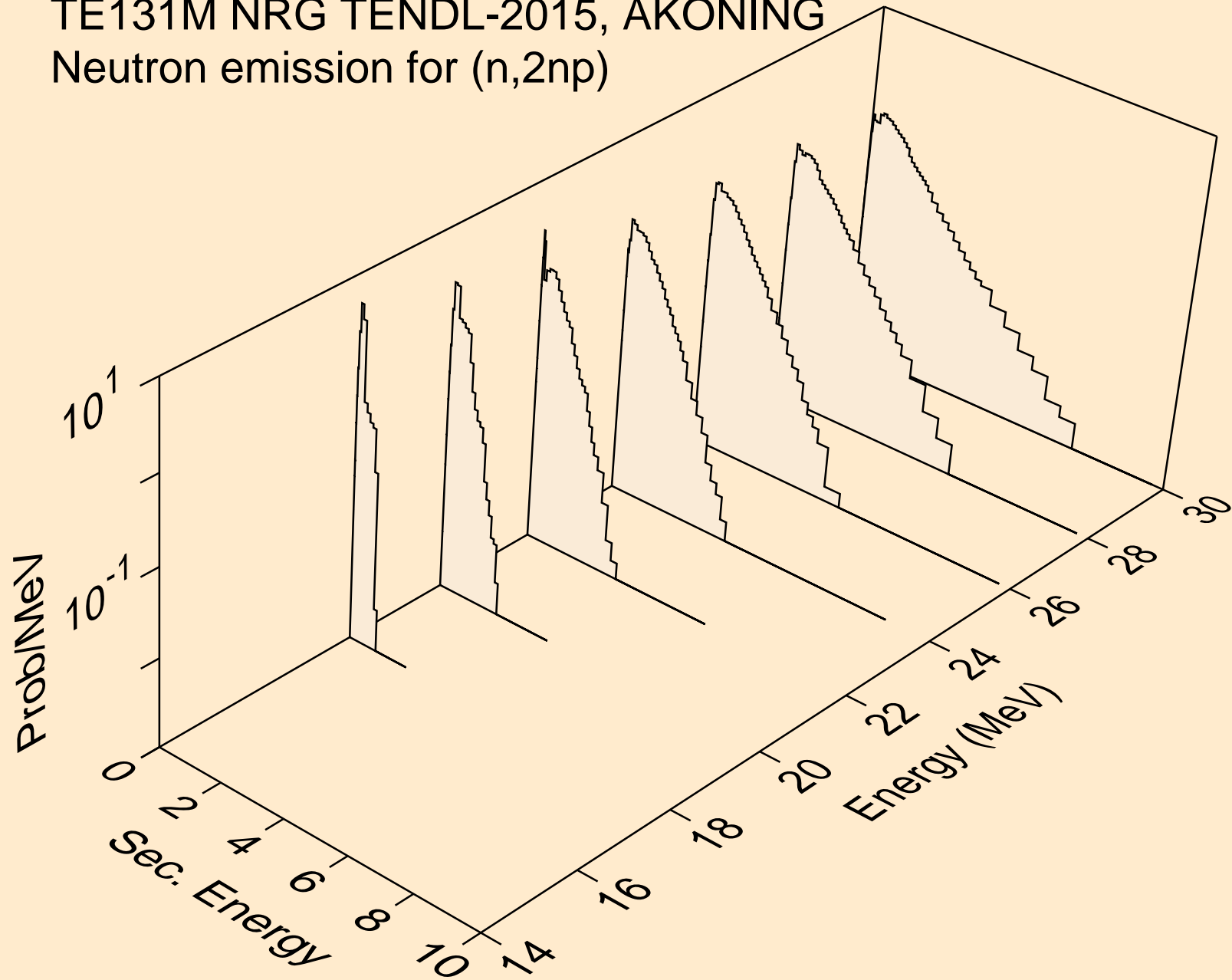
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

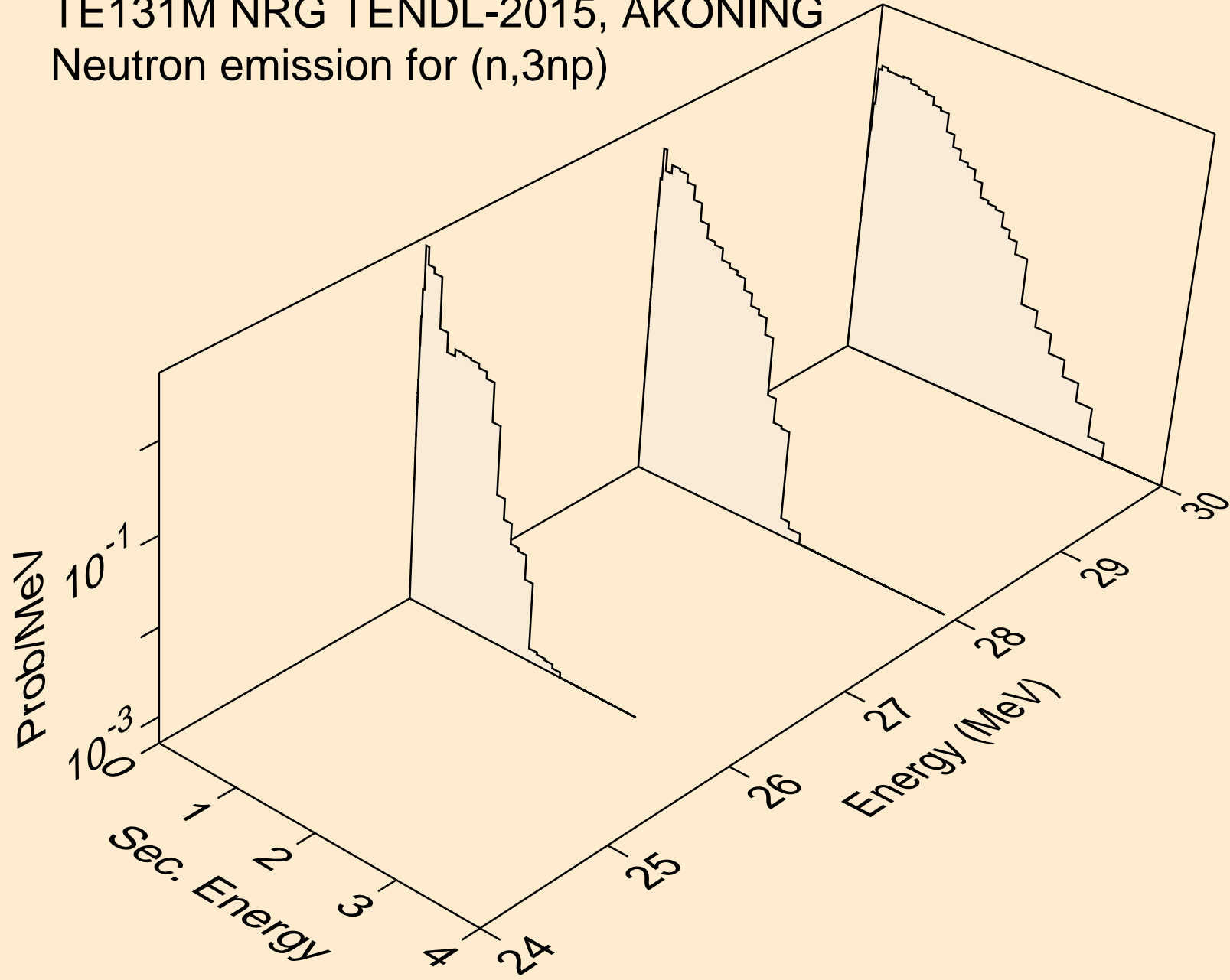


TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

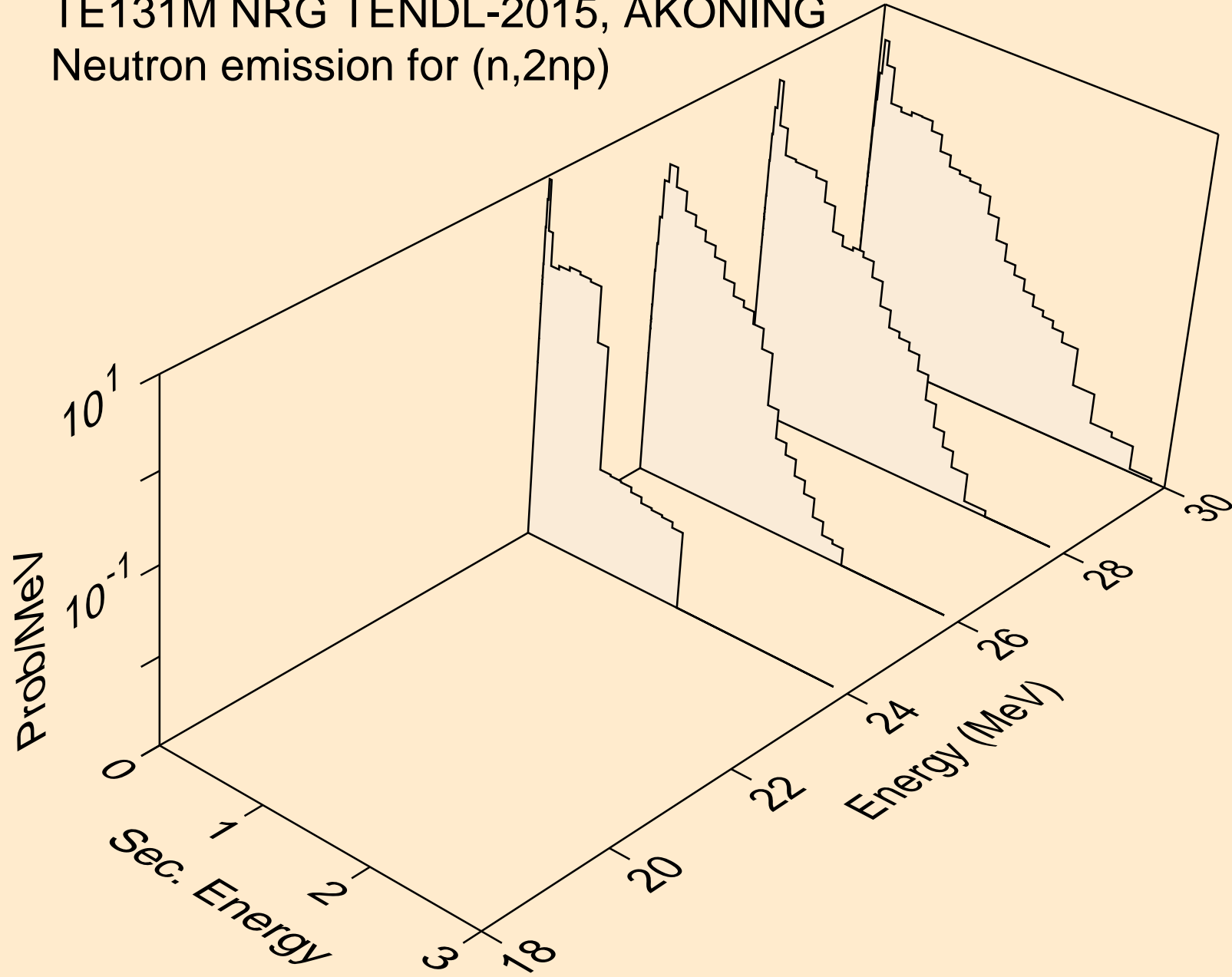




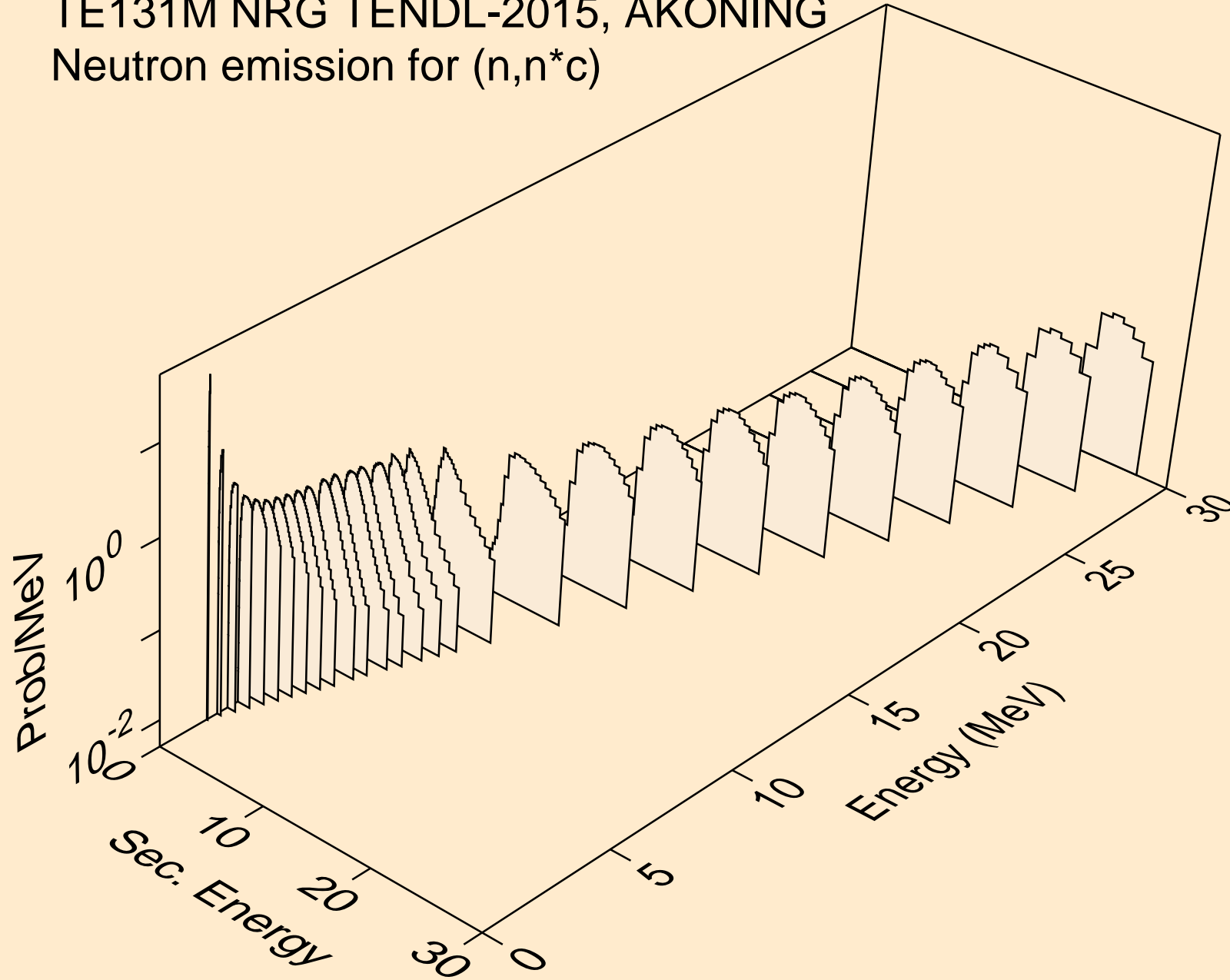
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



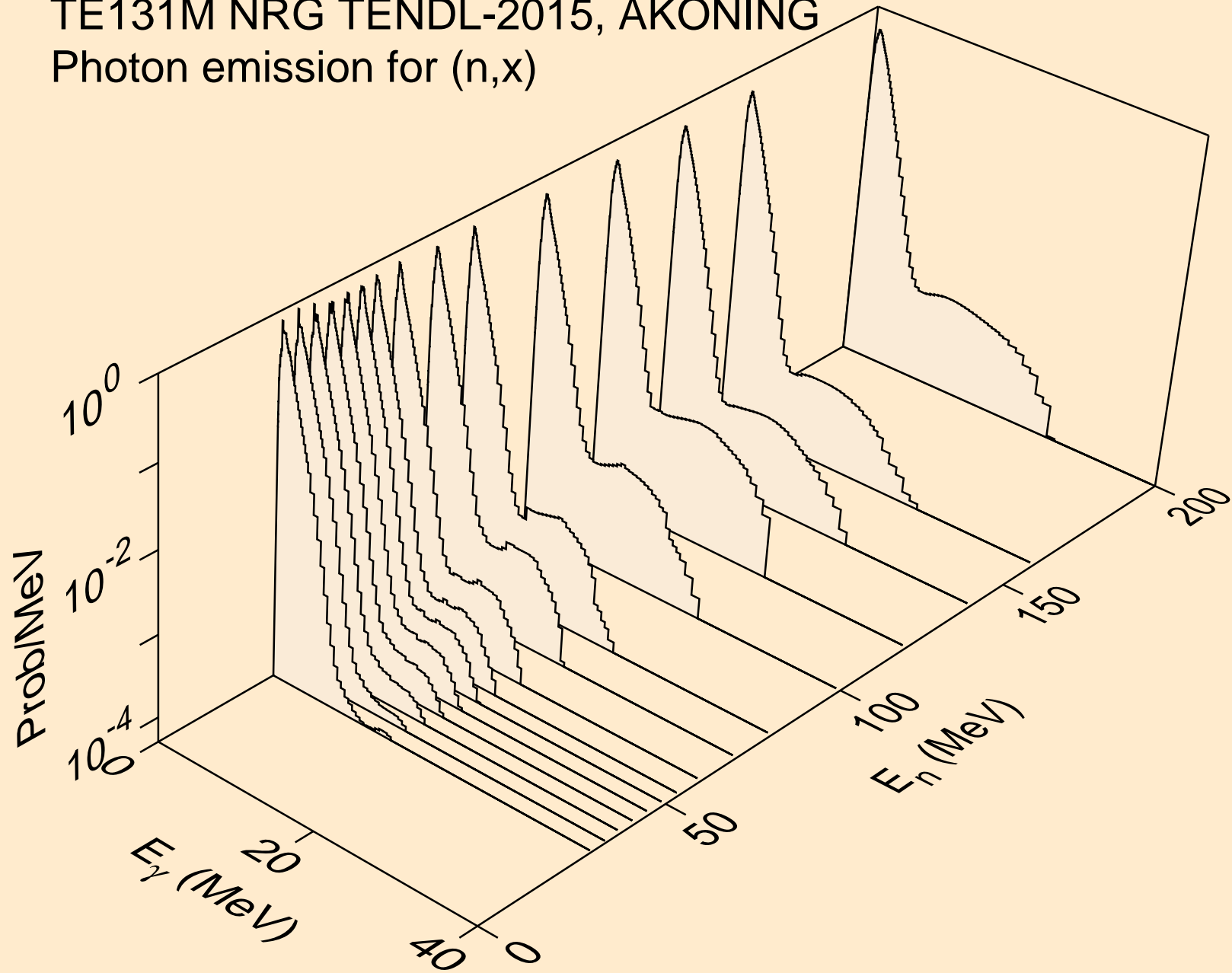
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



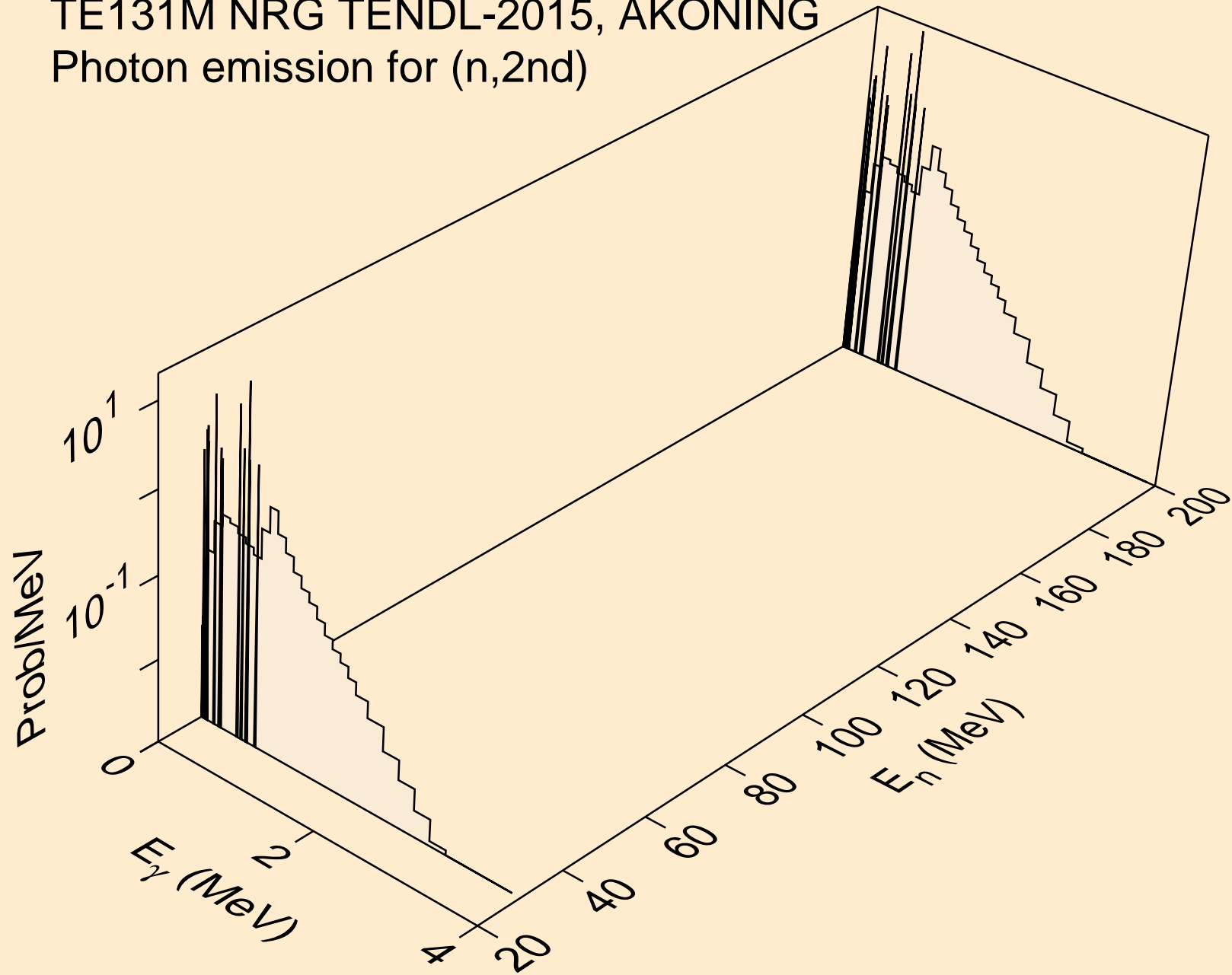
TE131M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



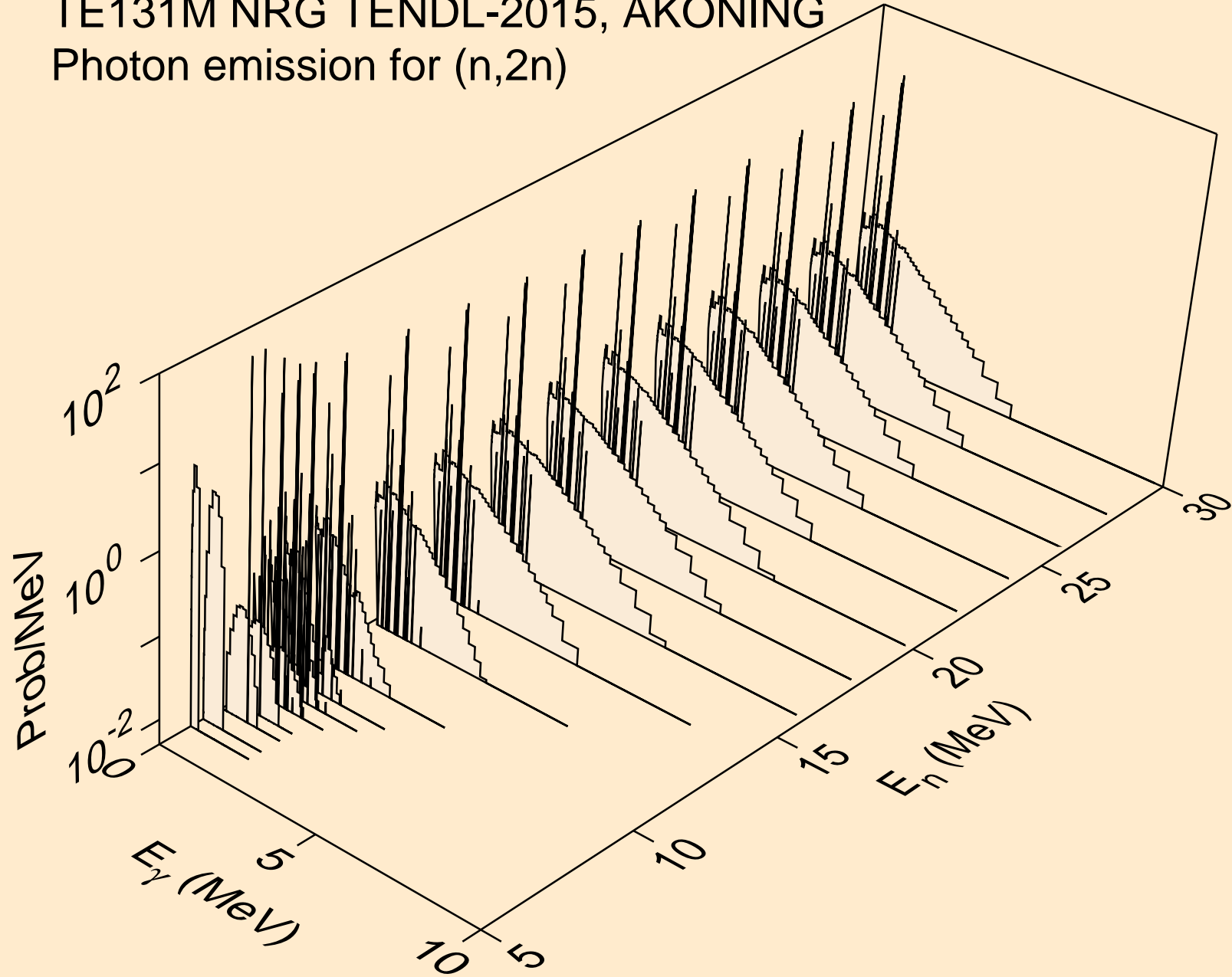
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



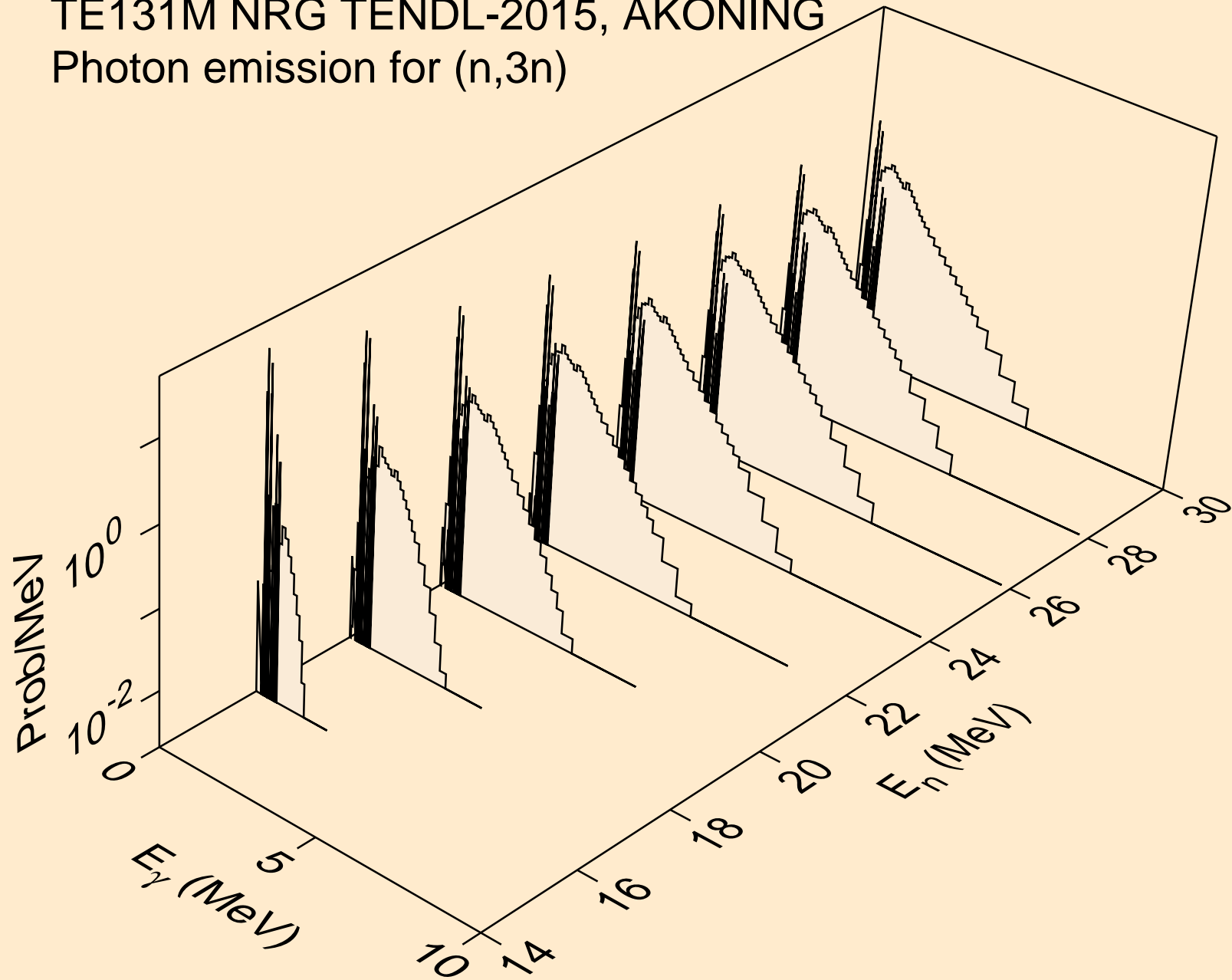
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



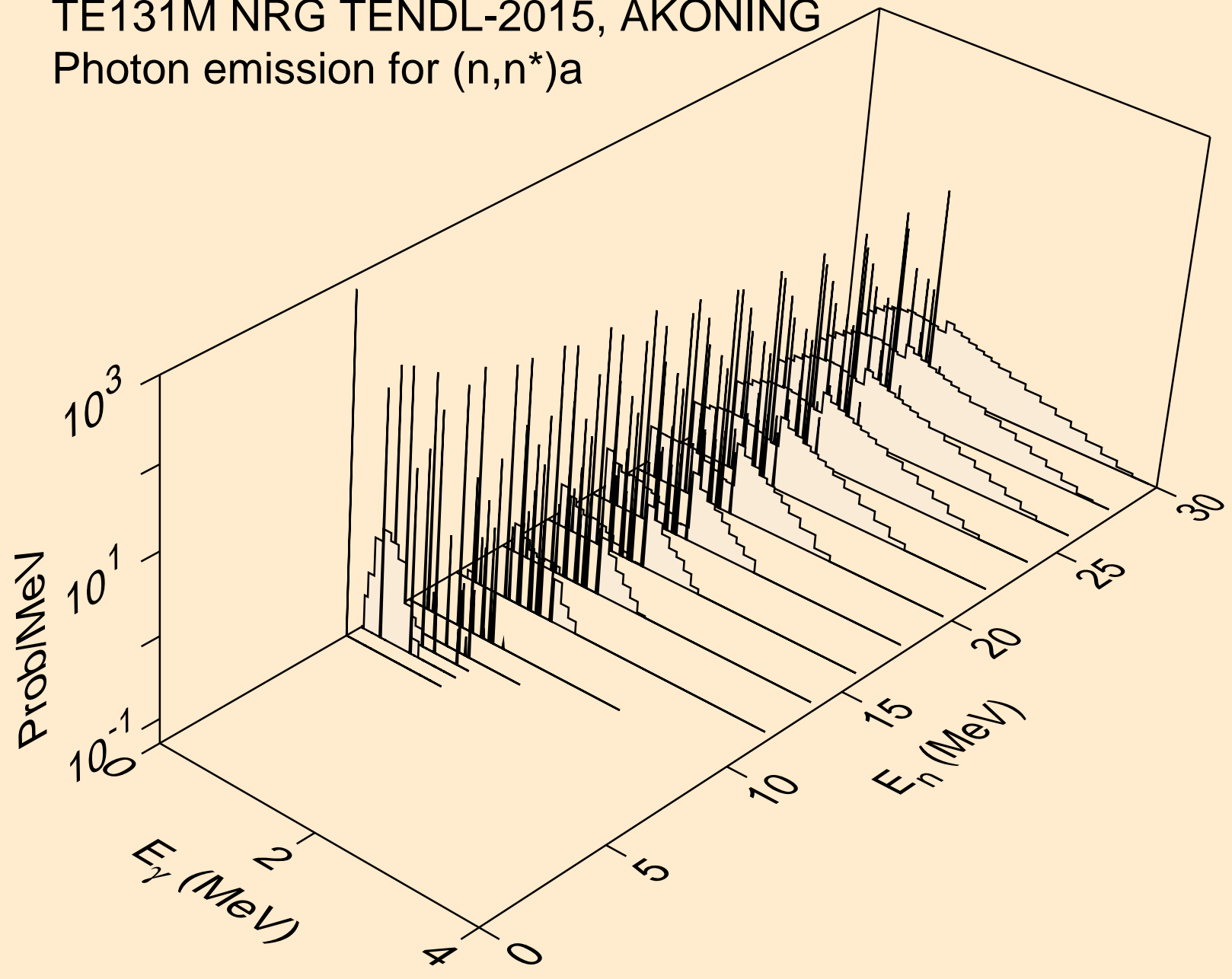
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

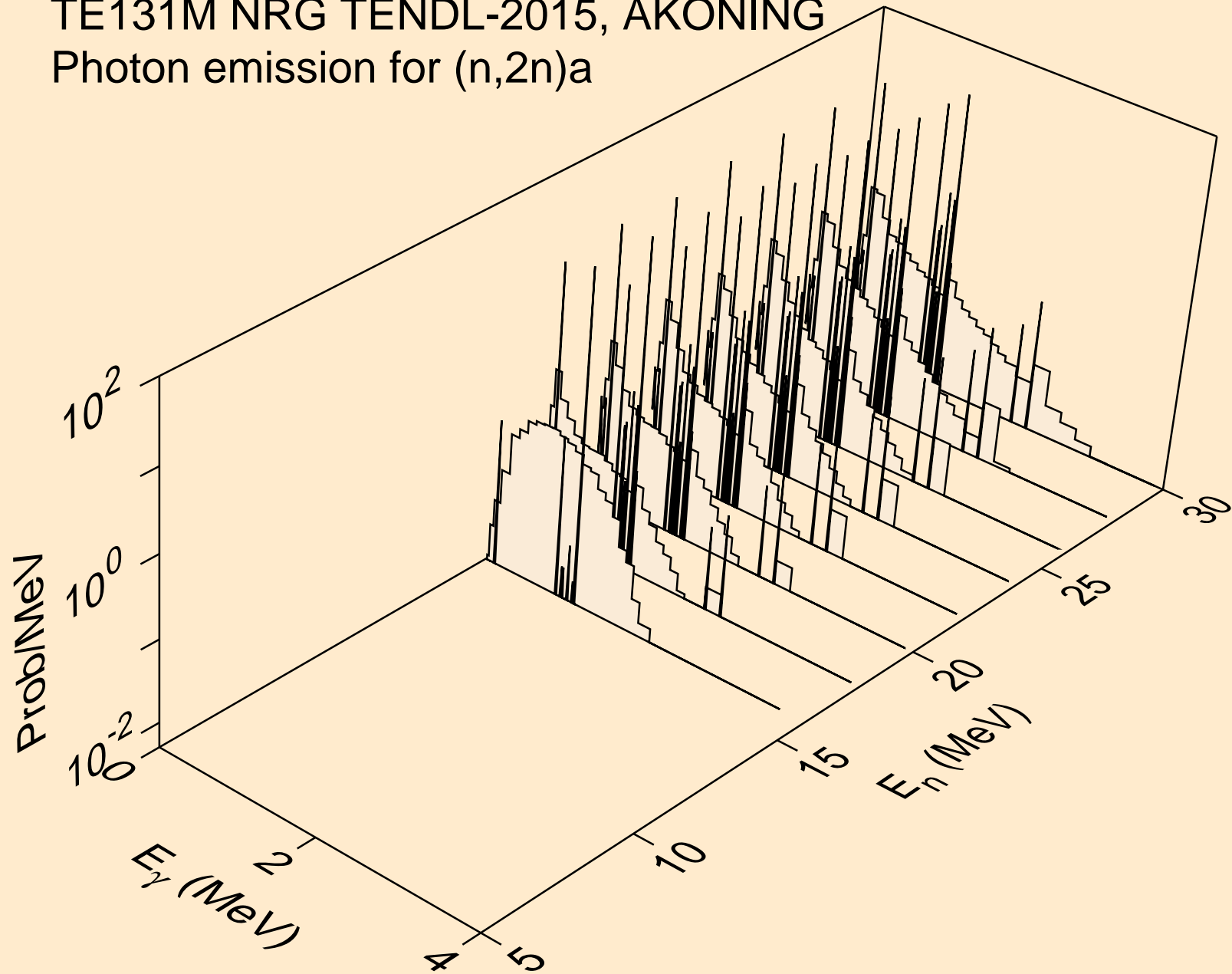


TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

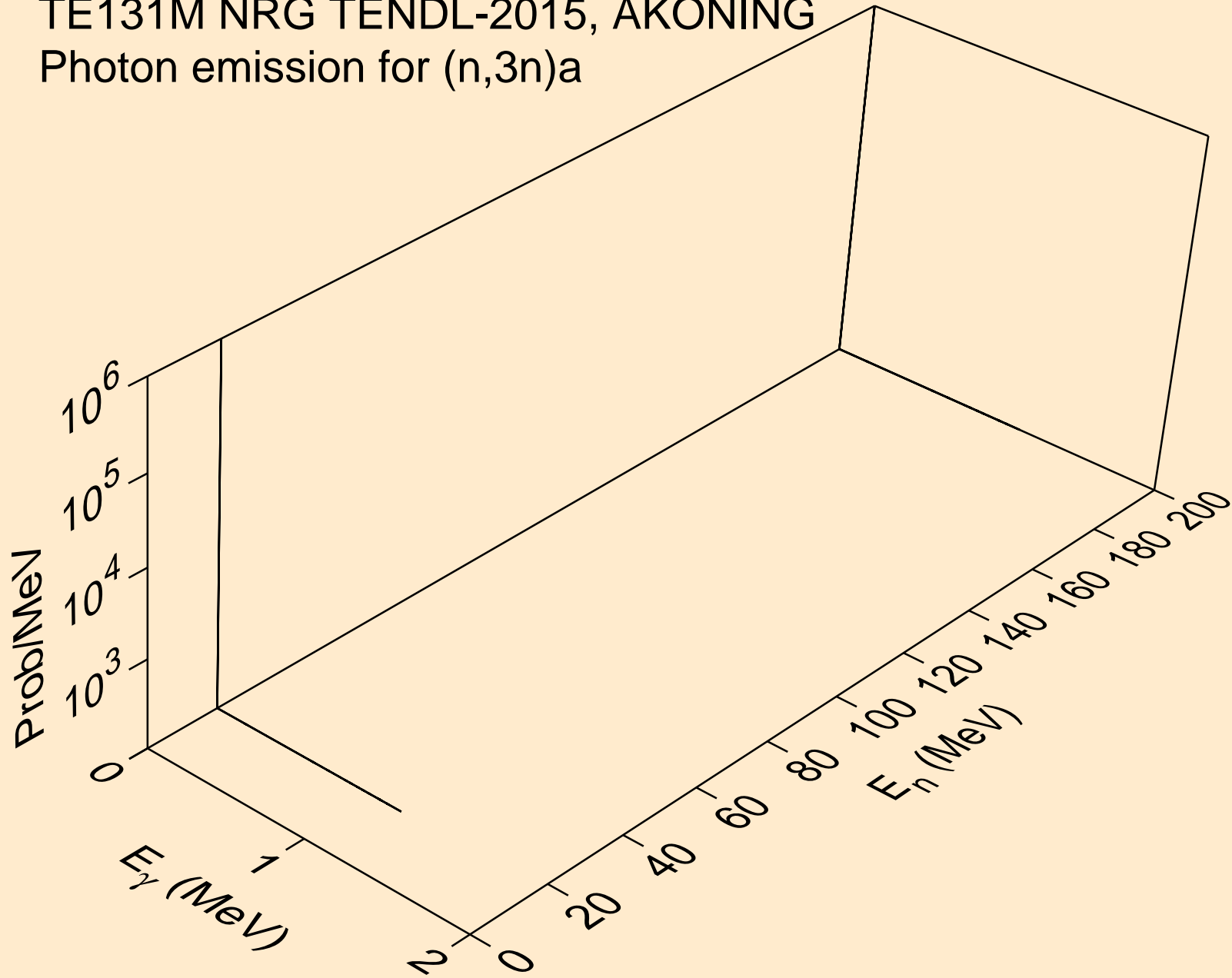




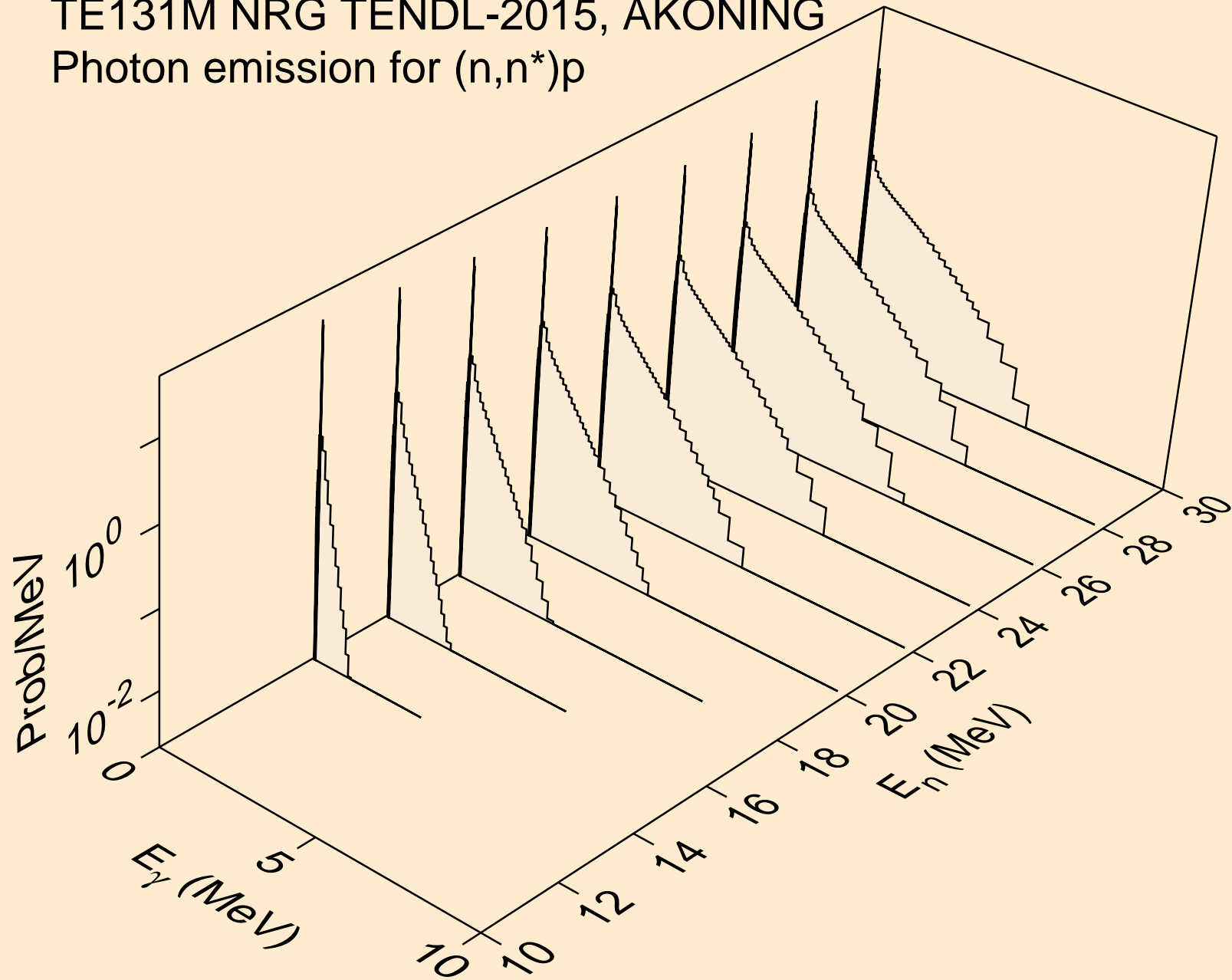
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



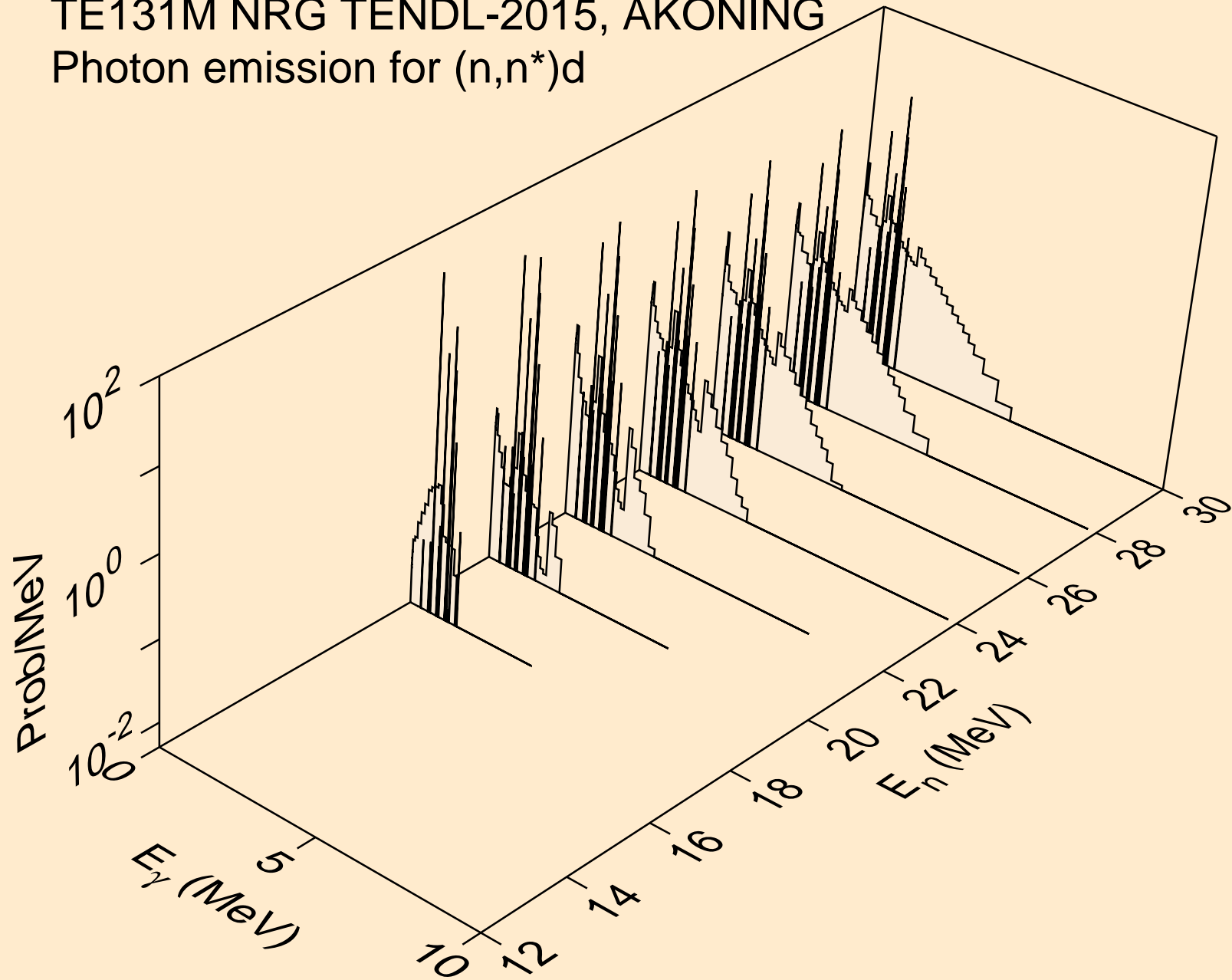
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



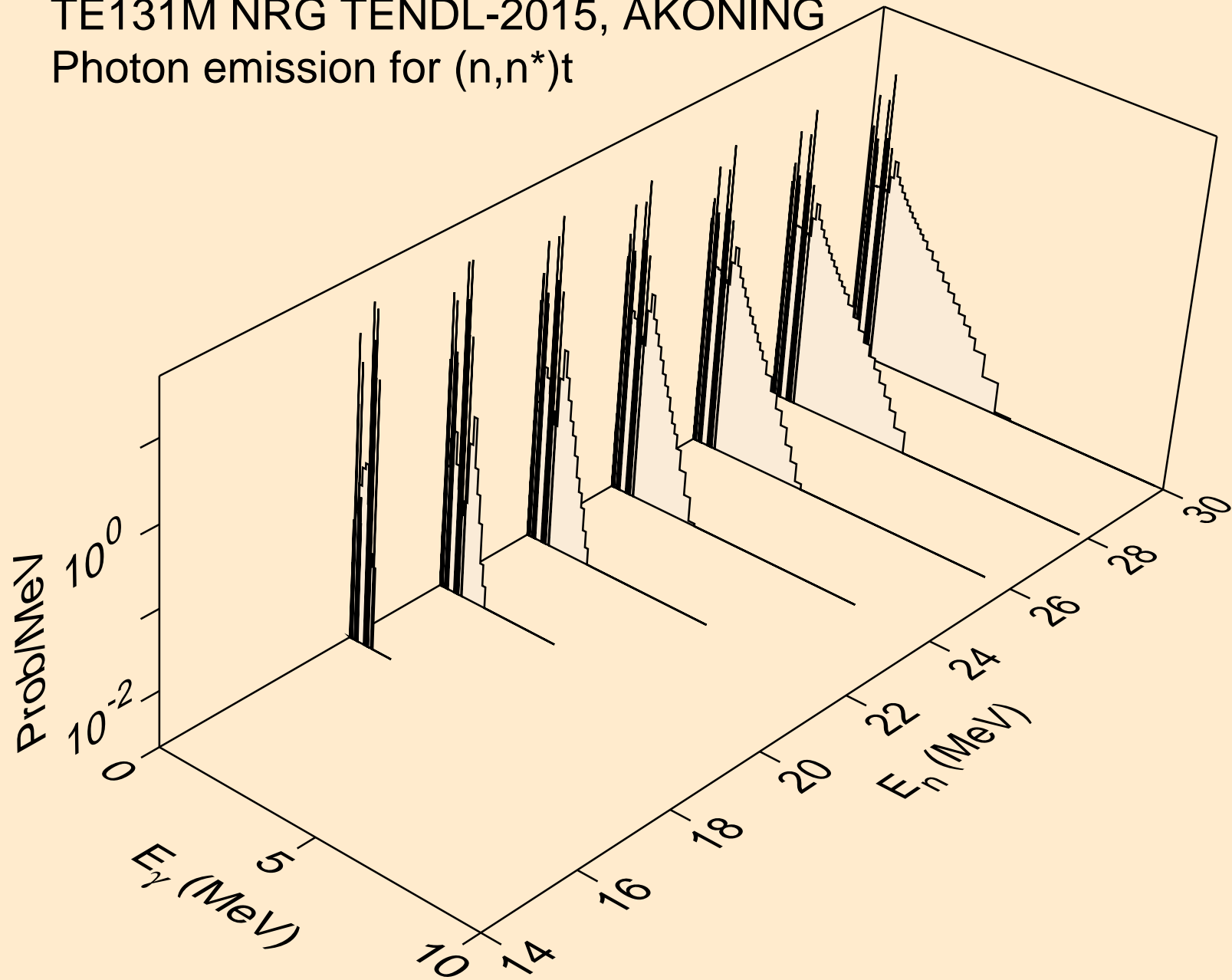
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



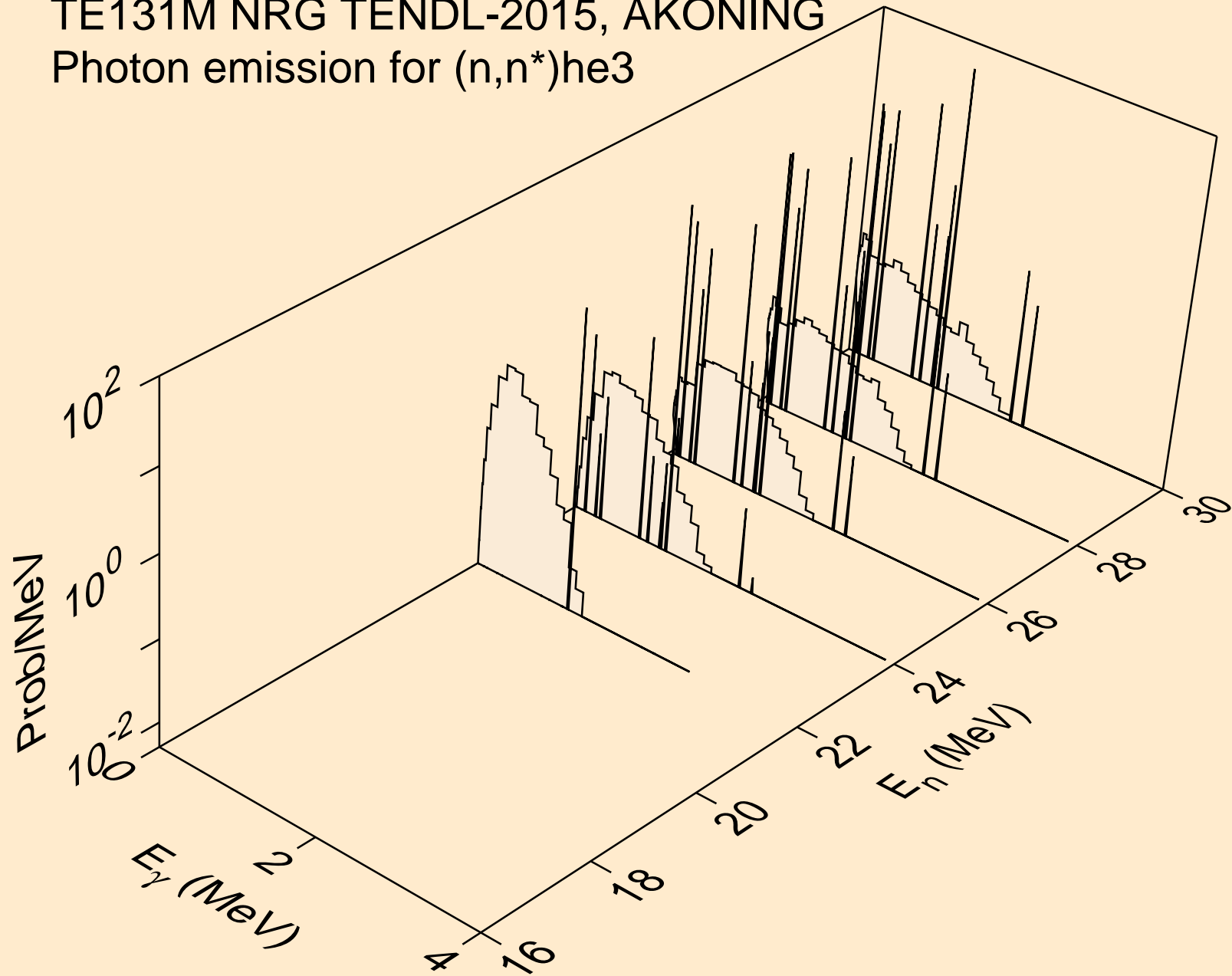
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Photon emission for (n,n\*)d



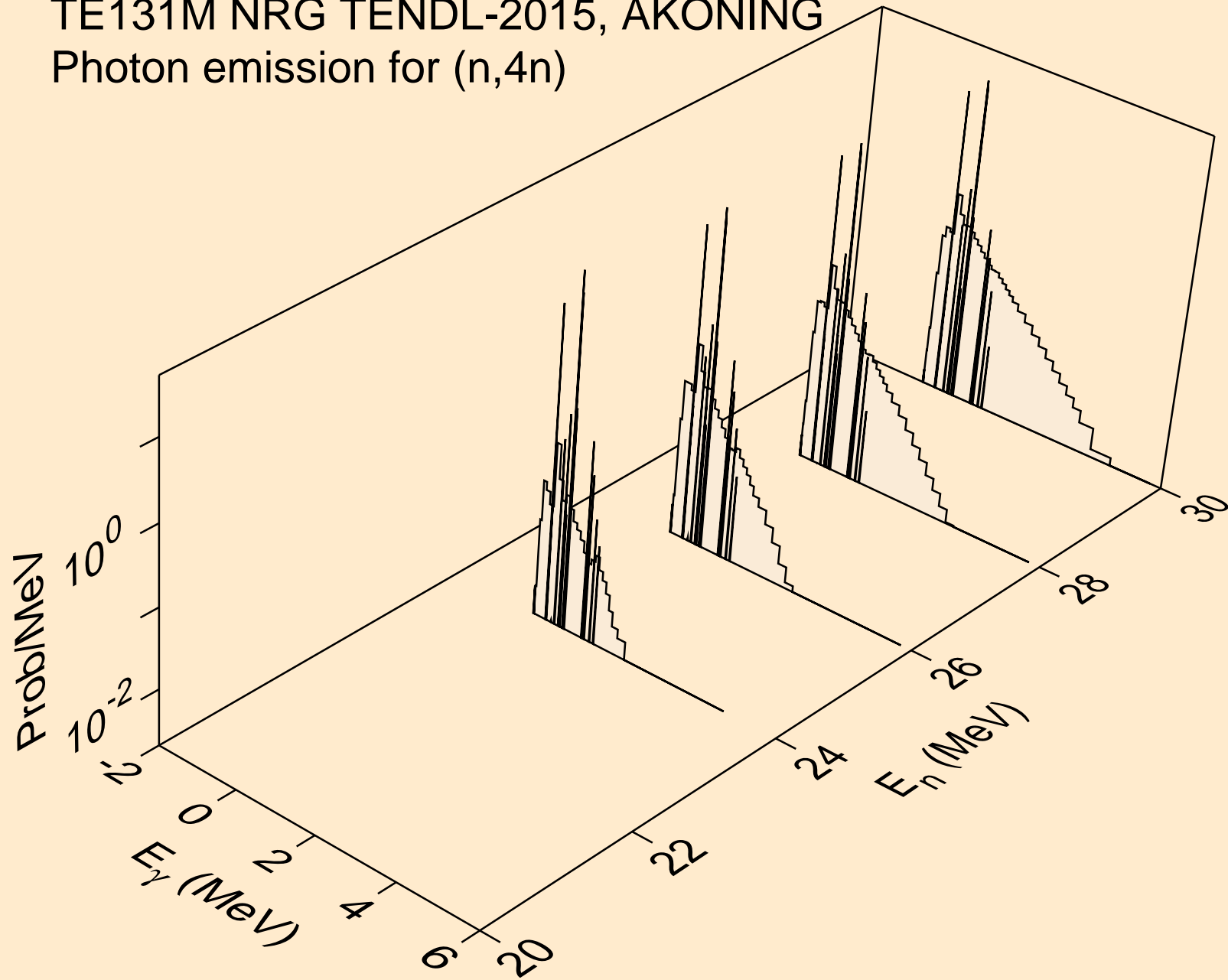
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



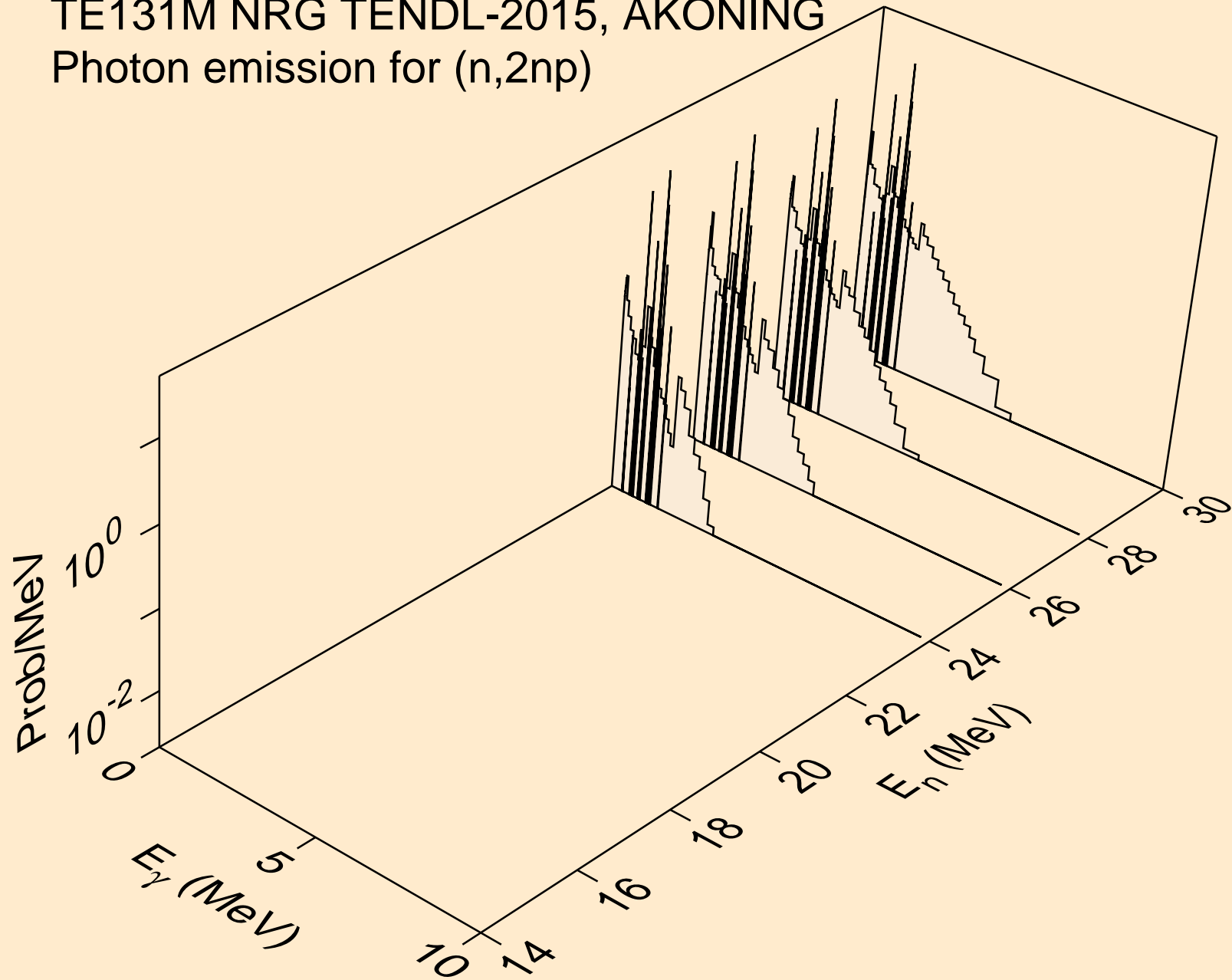
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

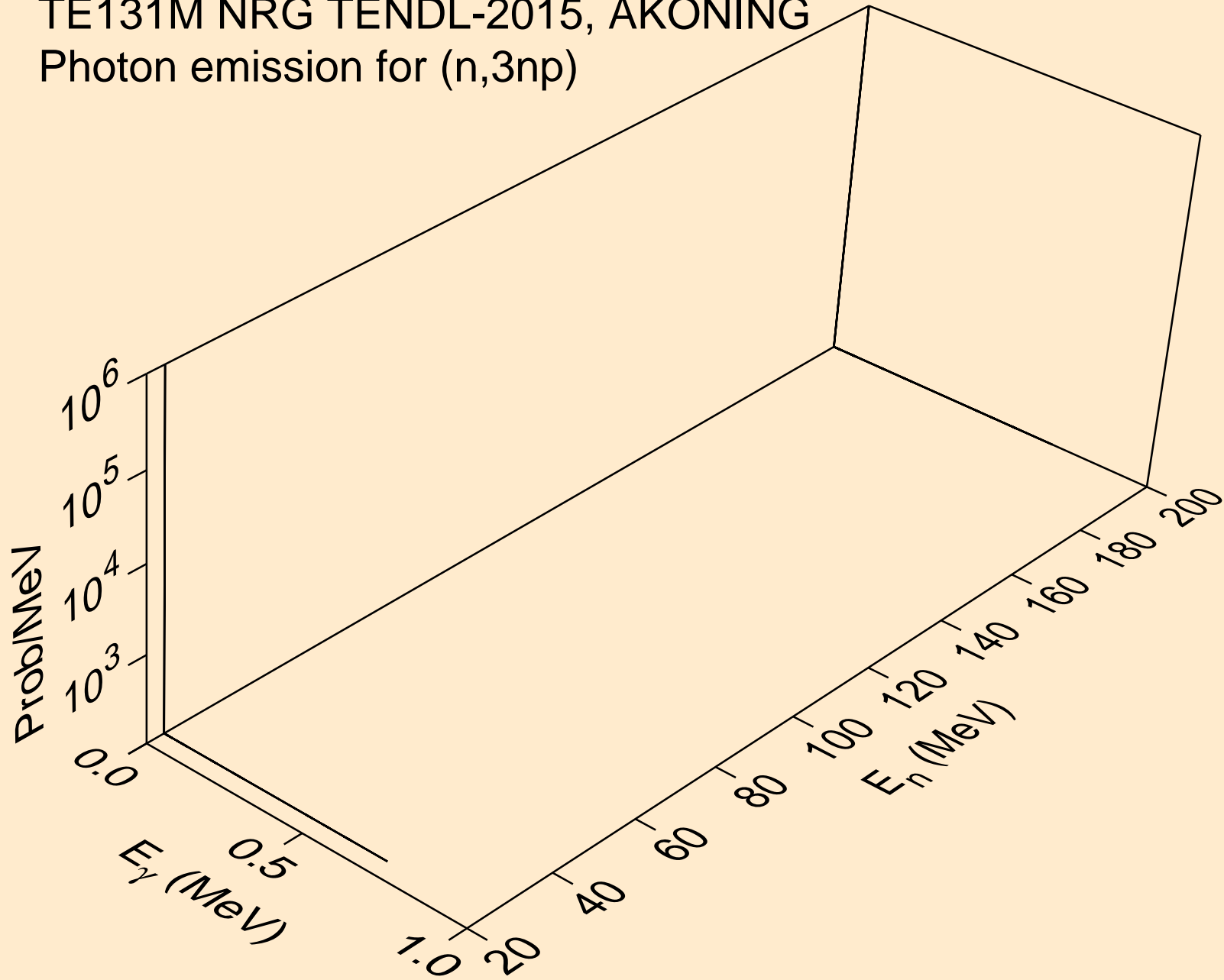


TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

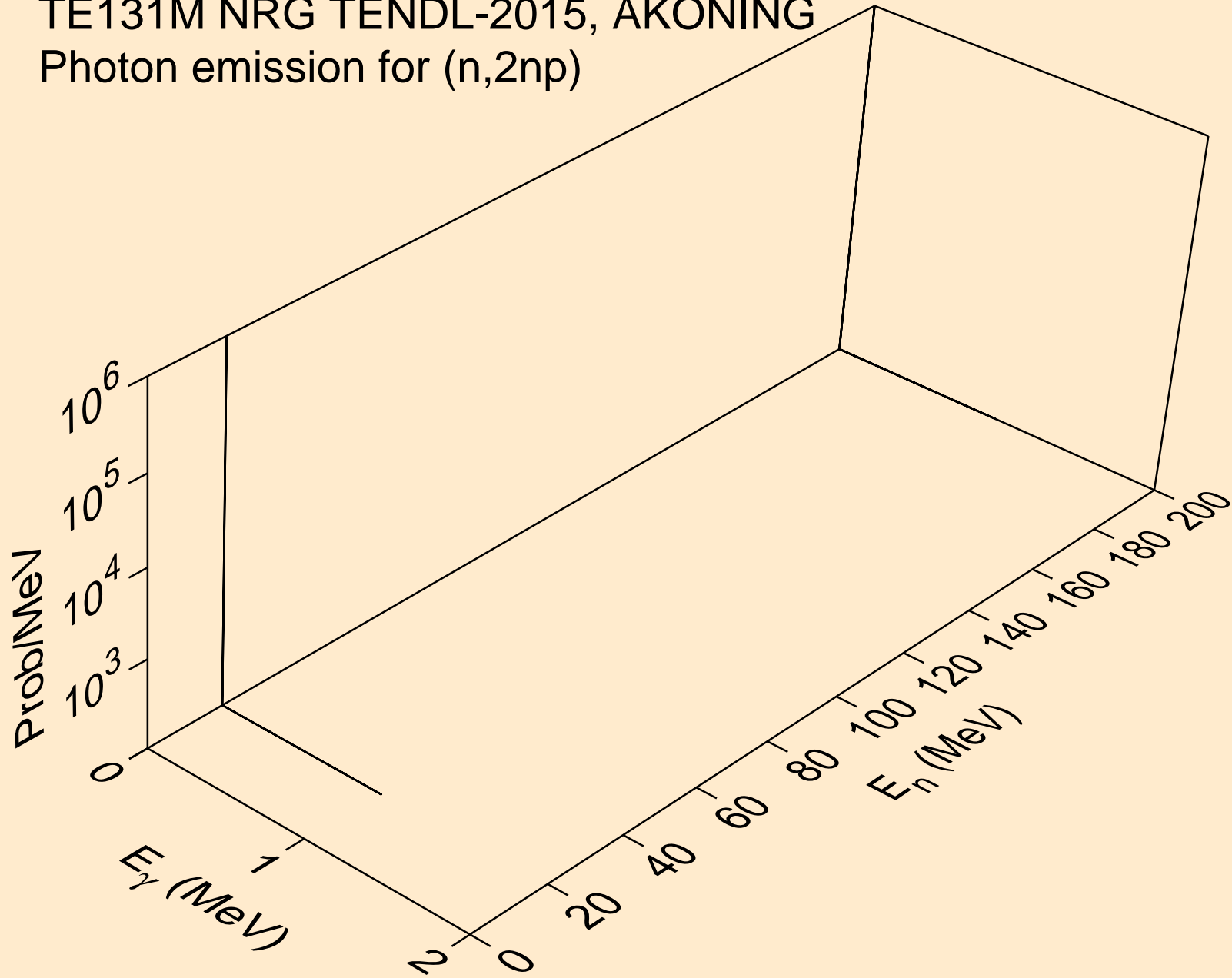




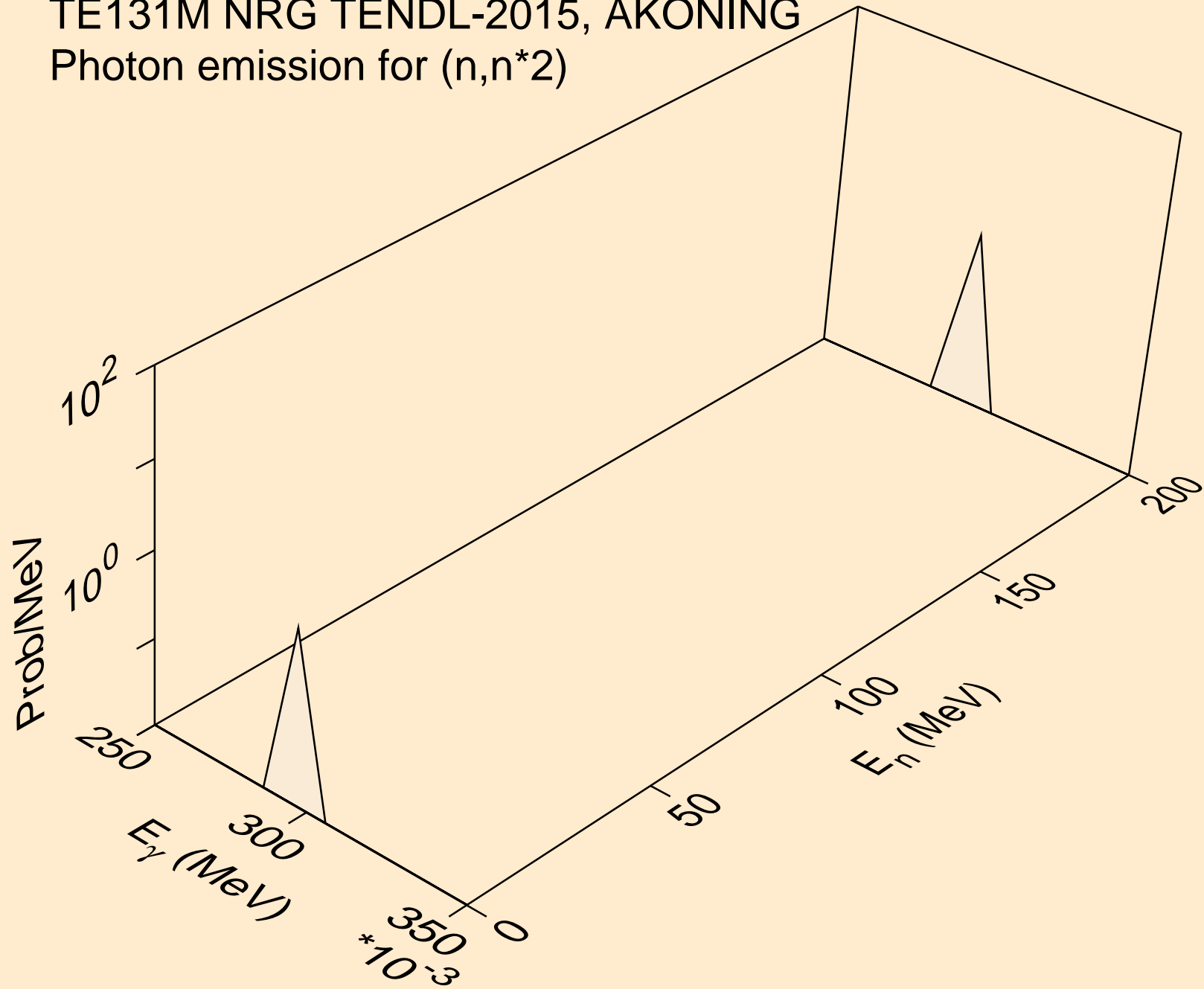
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Photon emission for (n,3np)



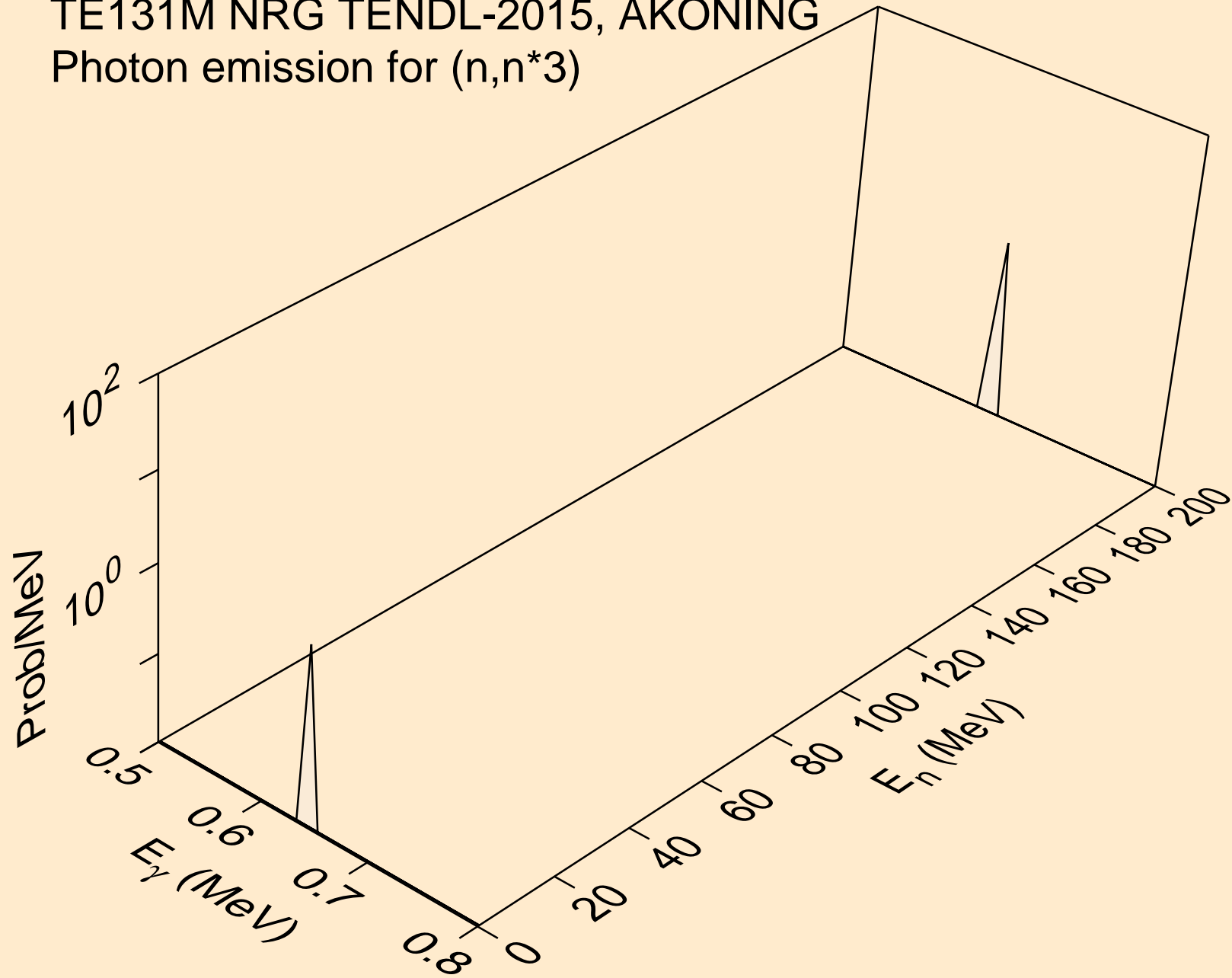
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Photon emission for (n,2np)



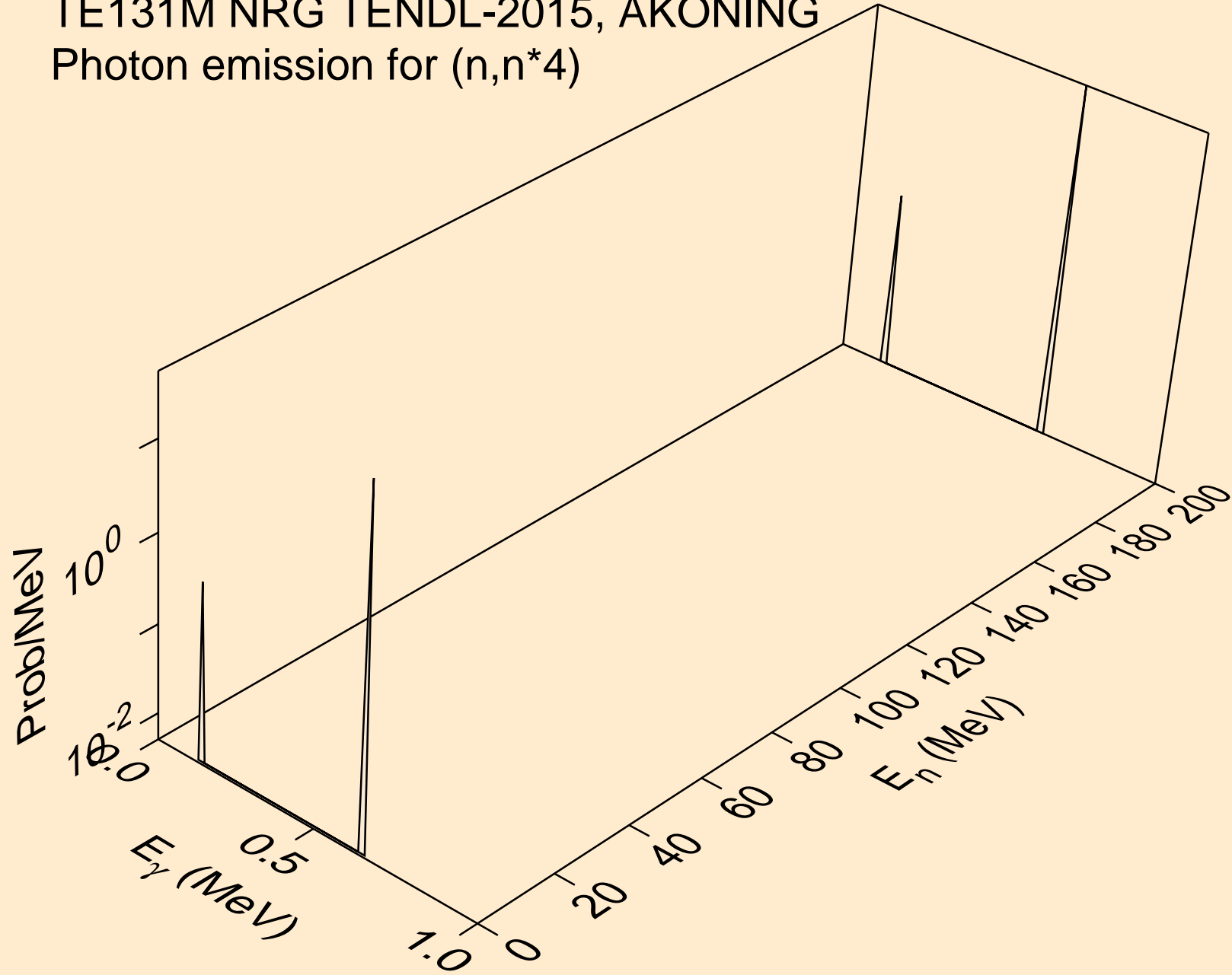
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



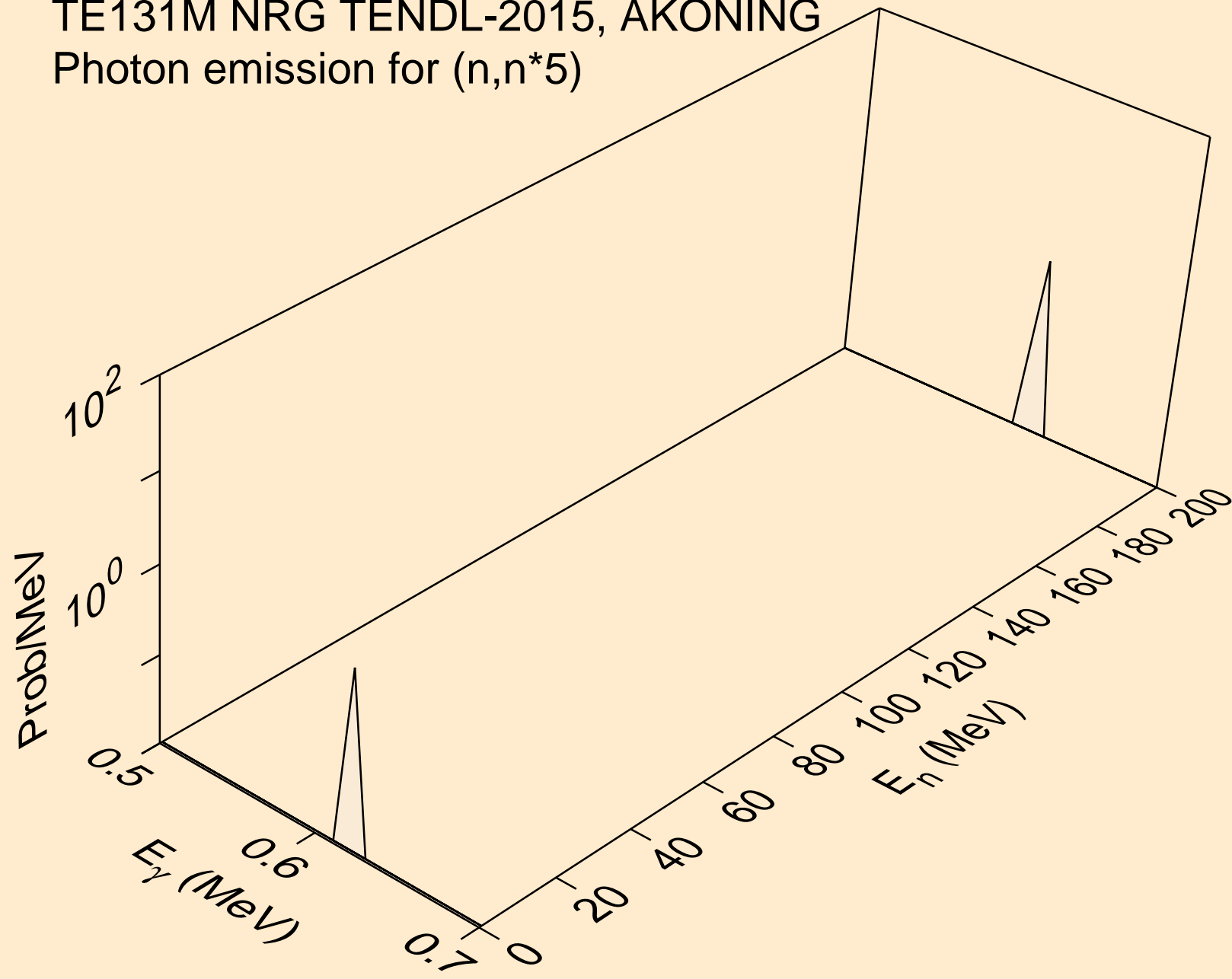
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



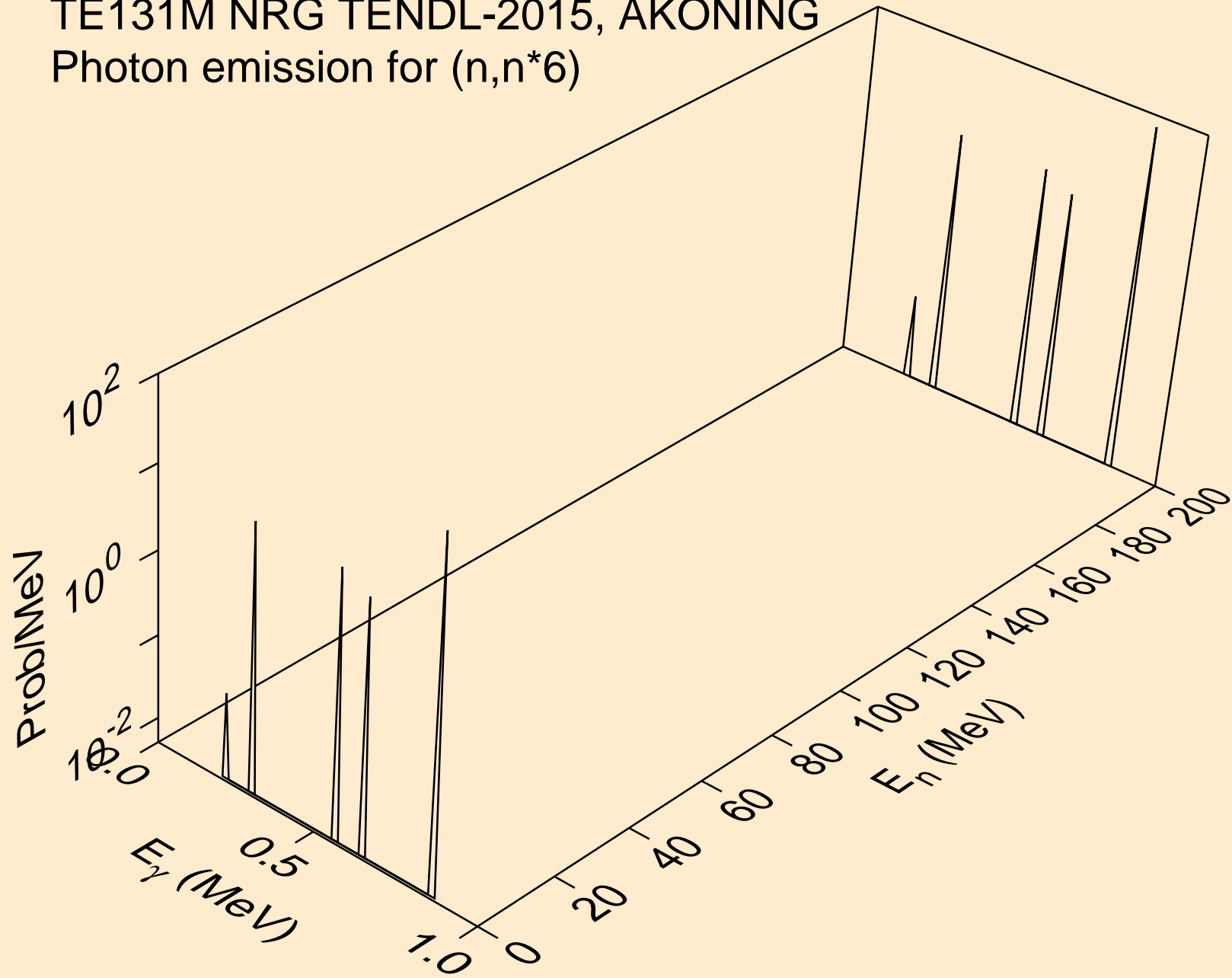
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



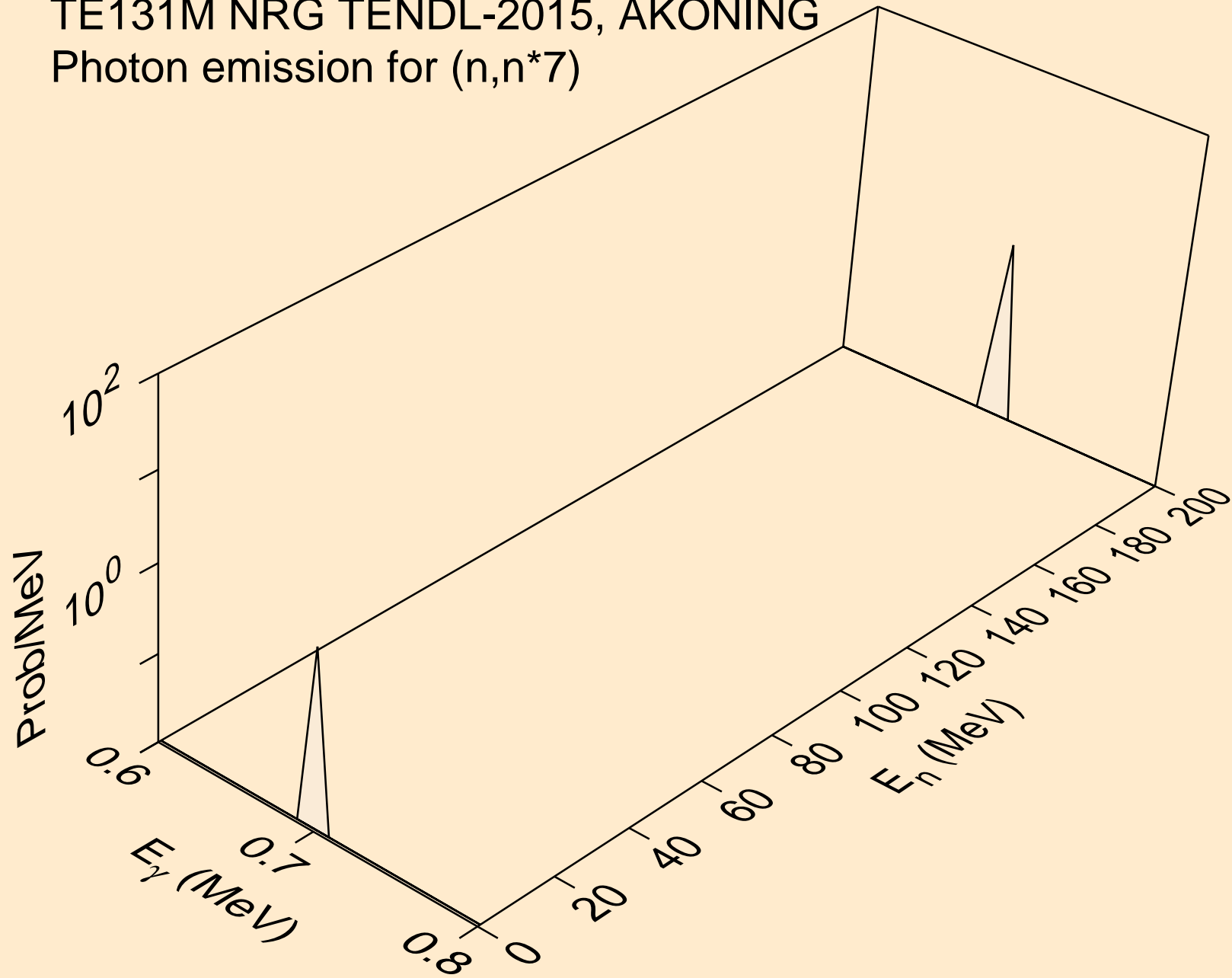
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)

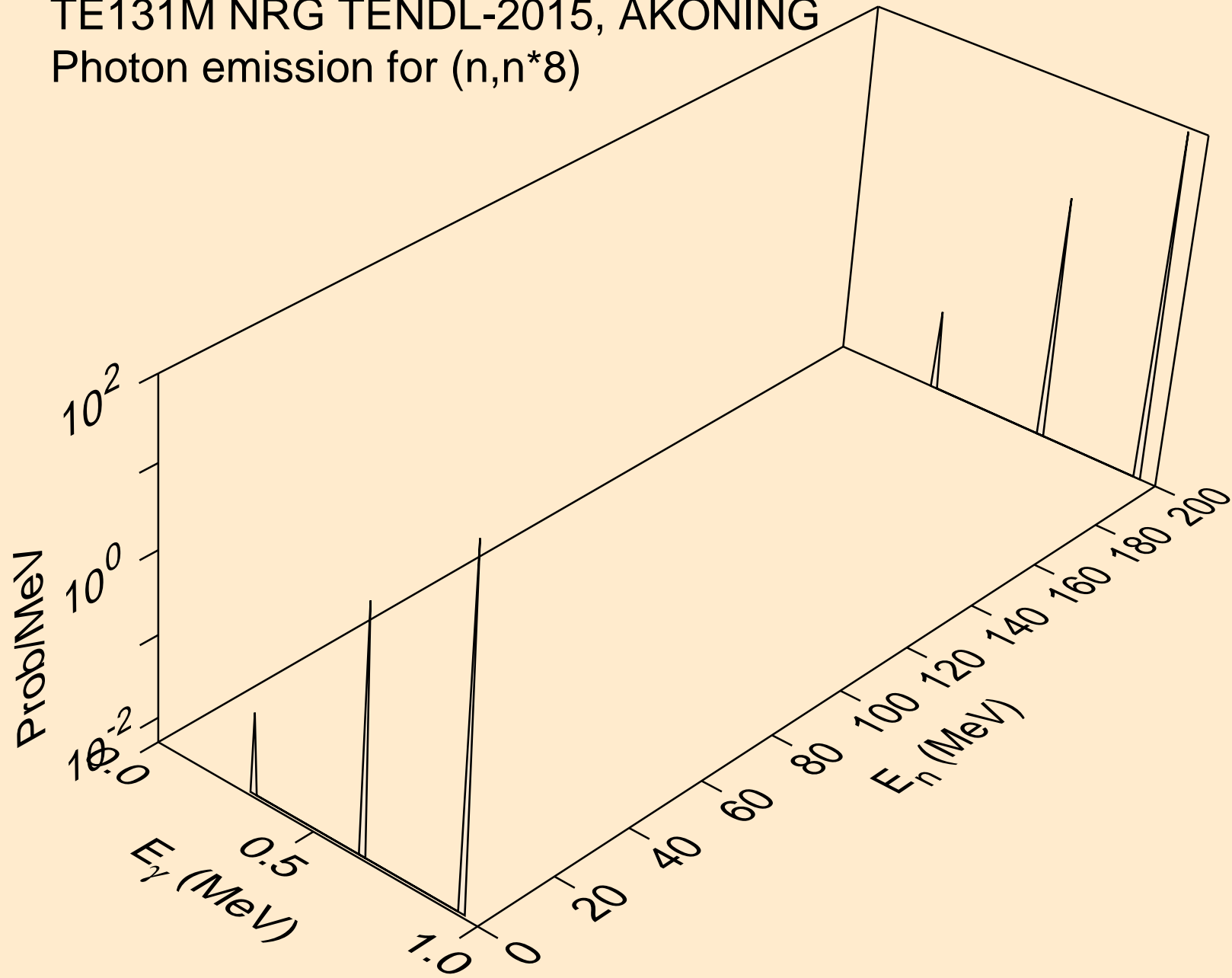


TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)

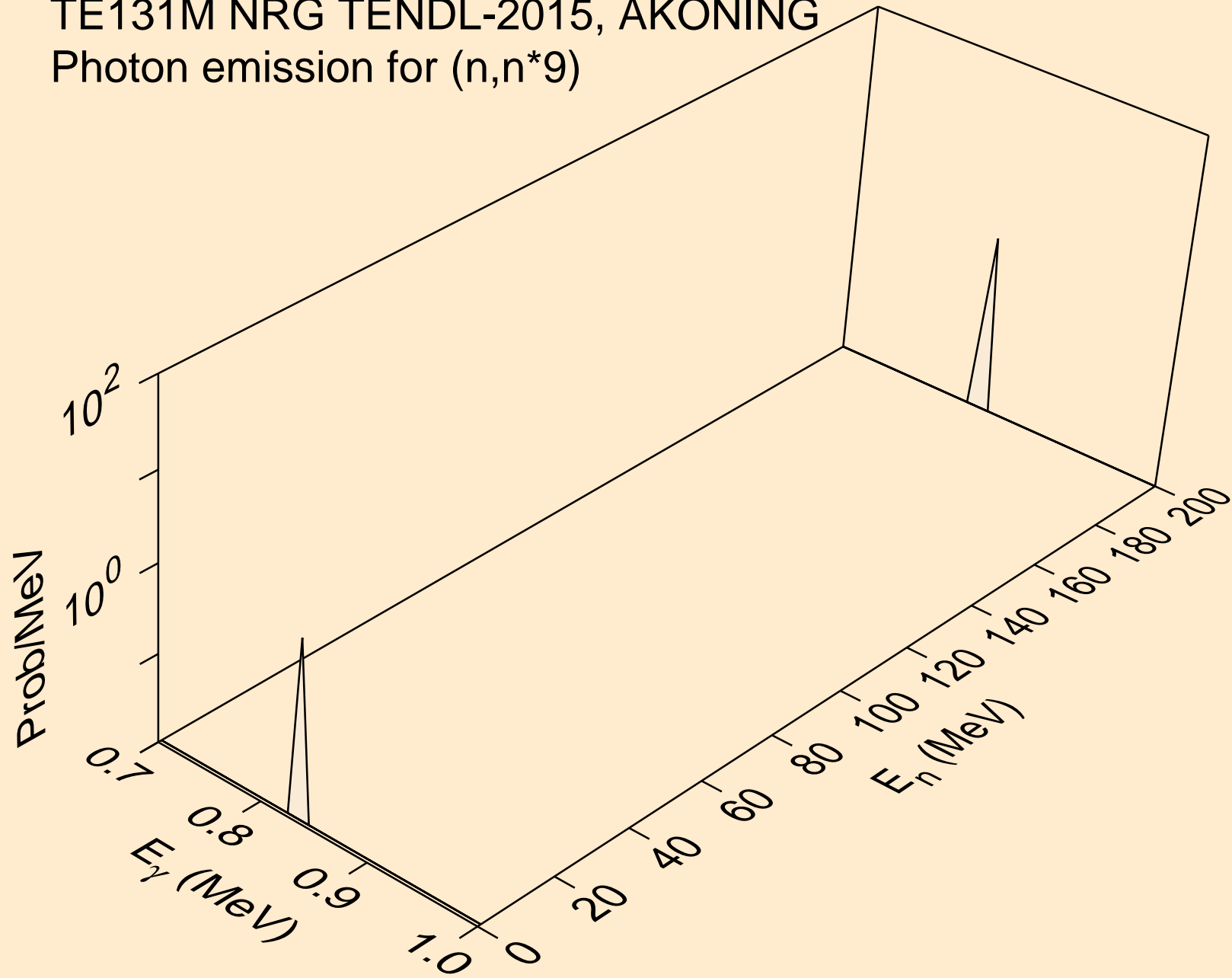




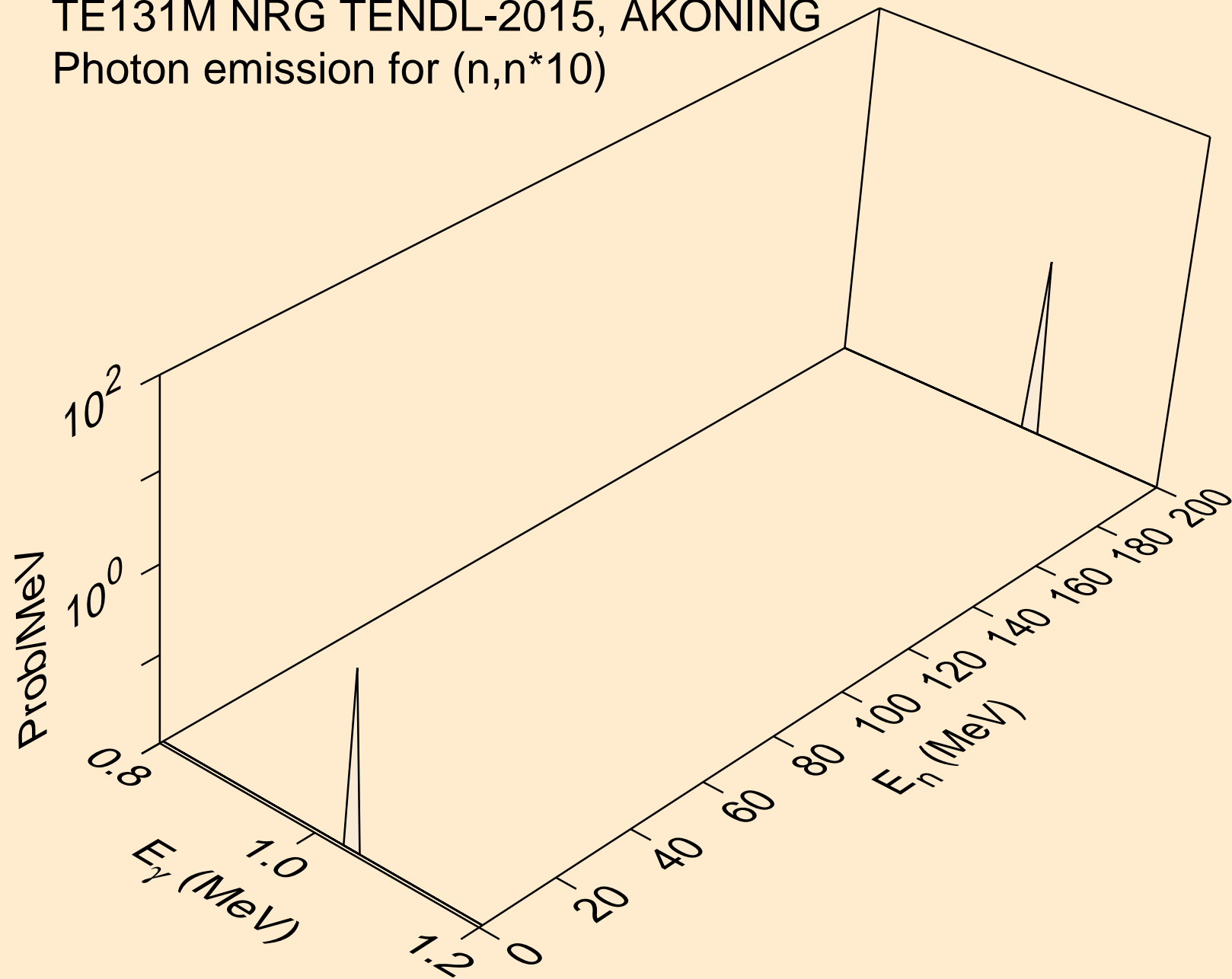
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Photon emission for (n,n\*8)



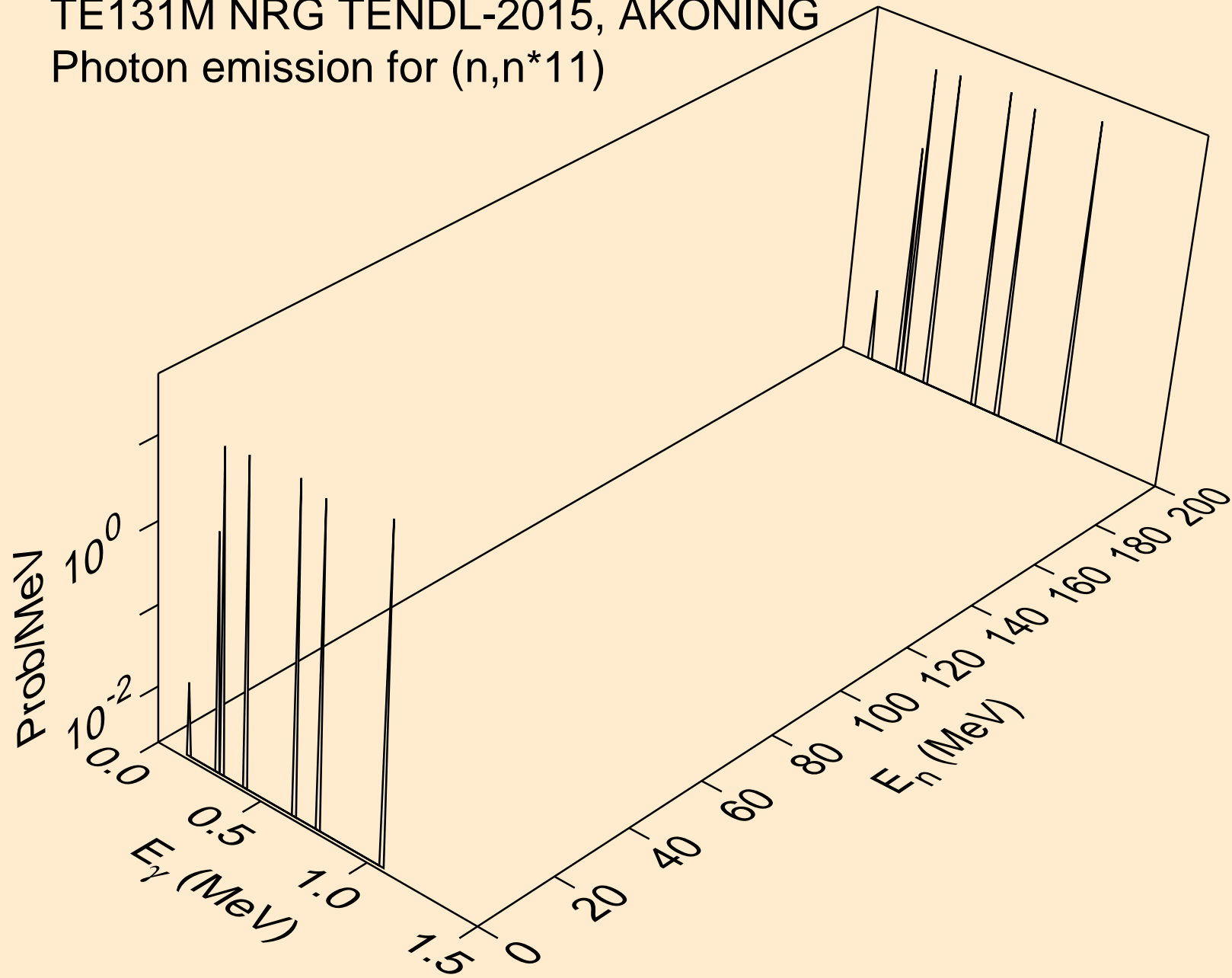
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Photon emission for (n,n\*9)



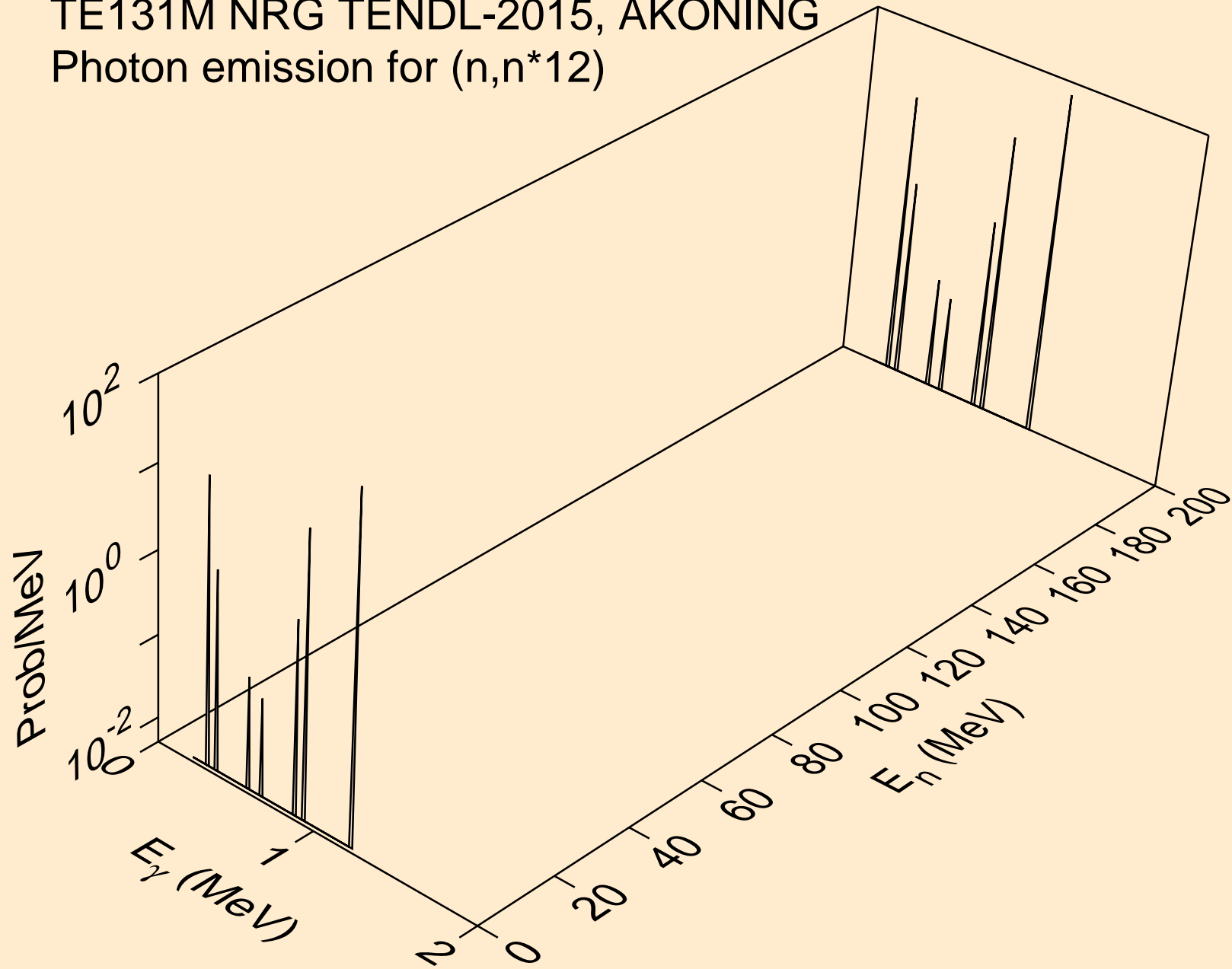
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Photon emission for (n,n\*10)



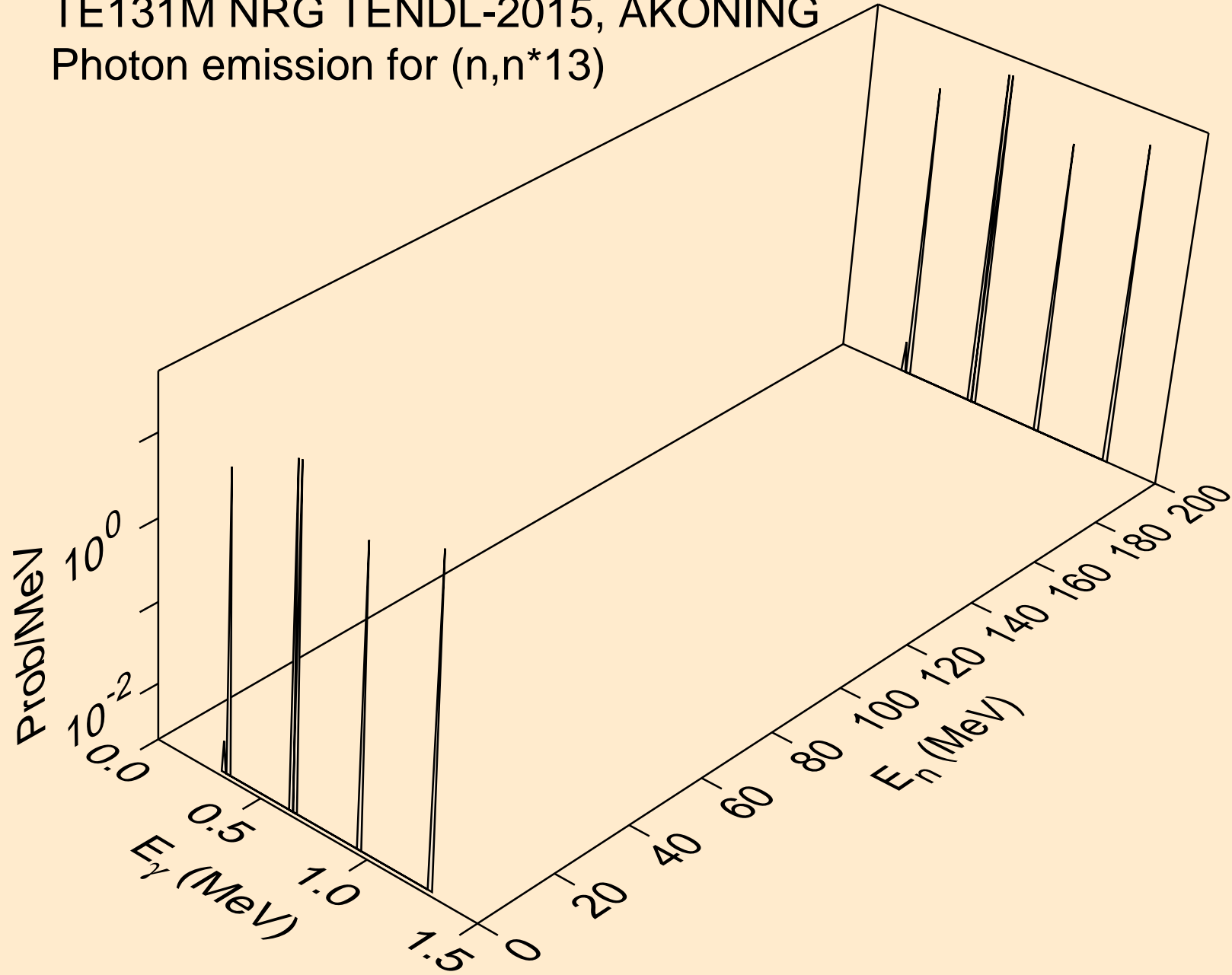
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Photon emission for (n,n\*11)



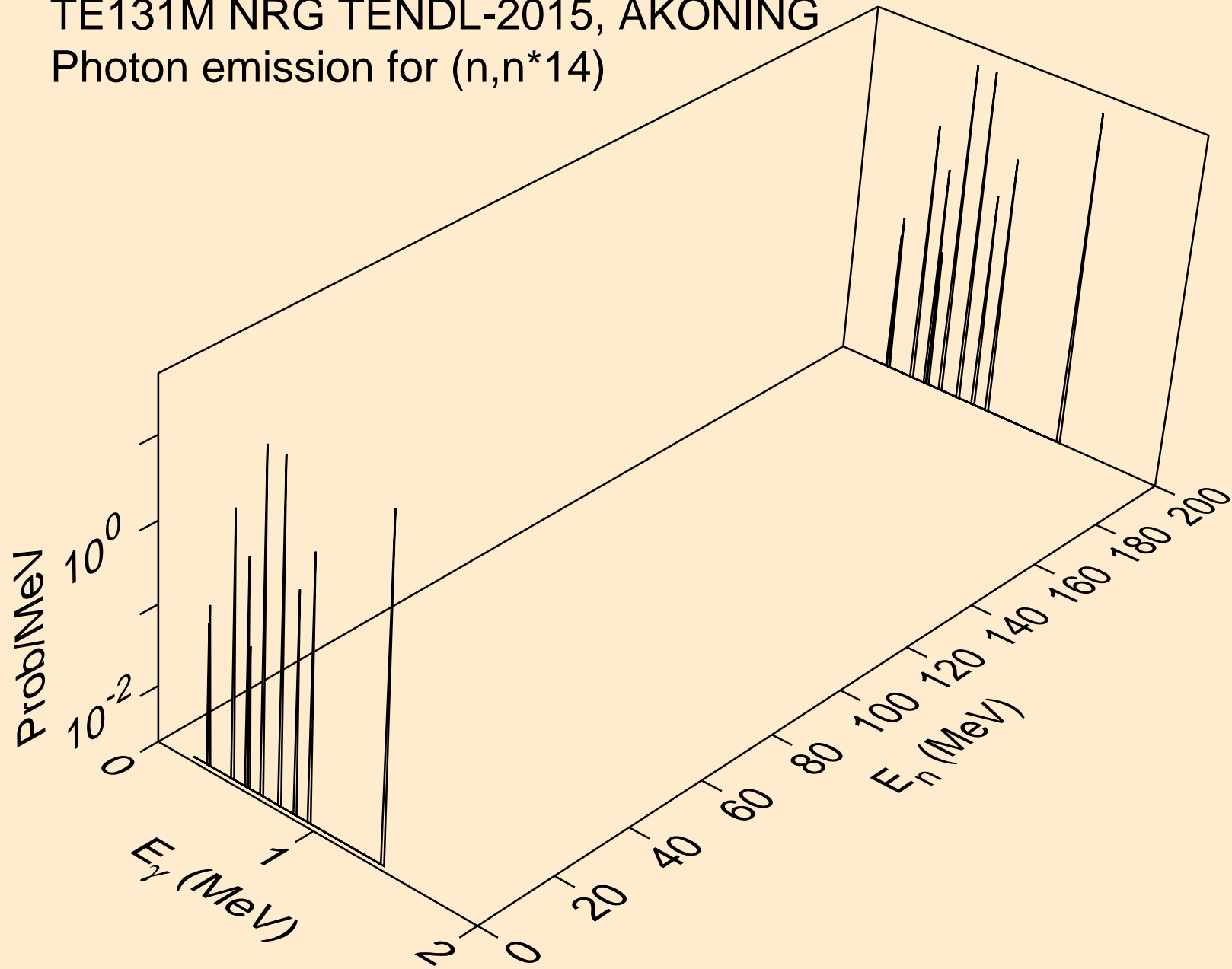
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Photon emission for (n,n\*12)



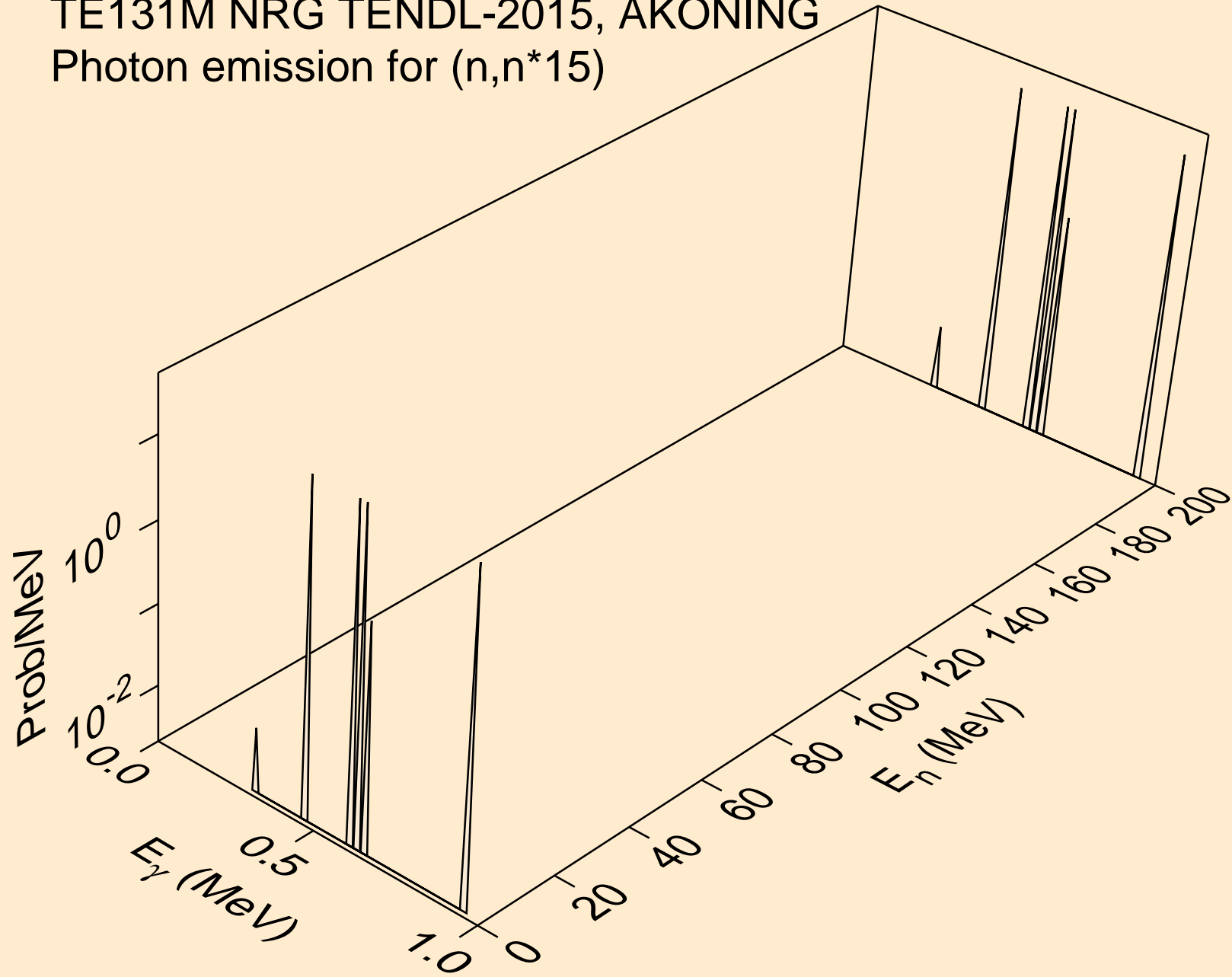
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)



TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)

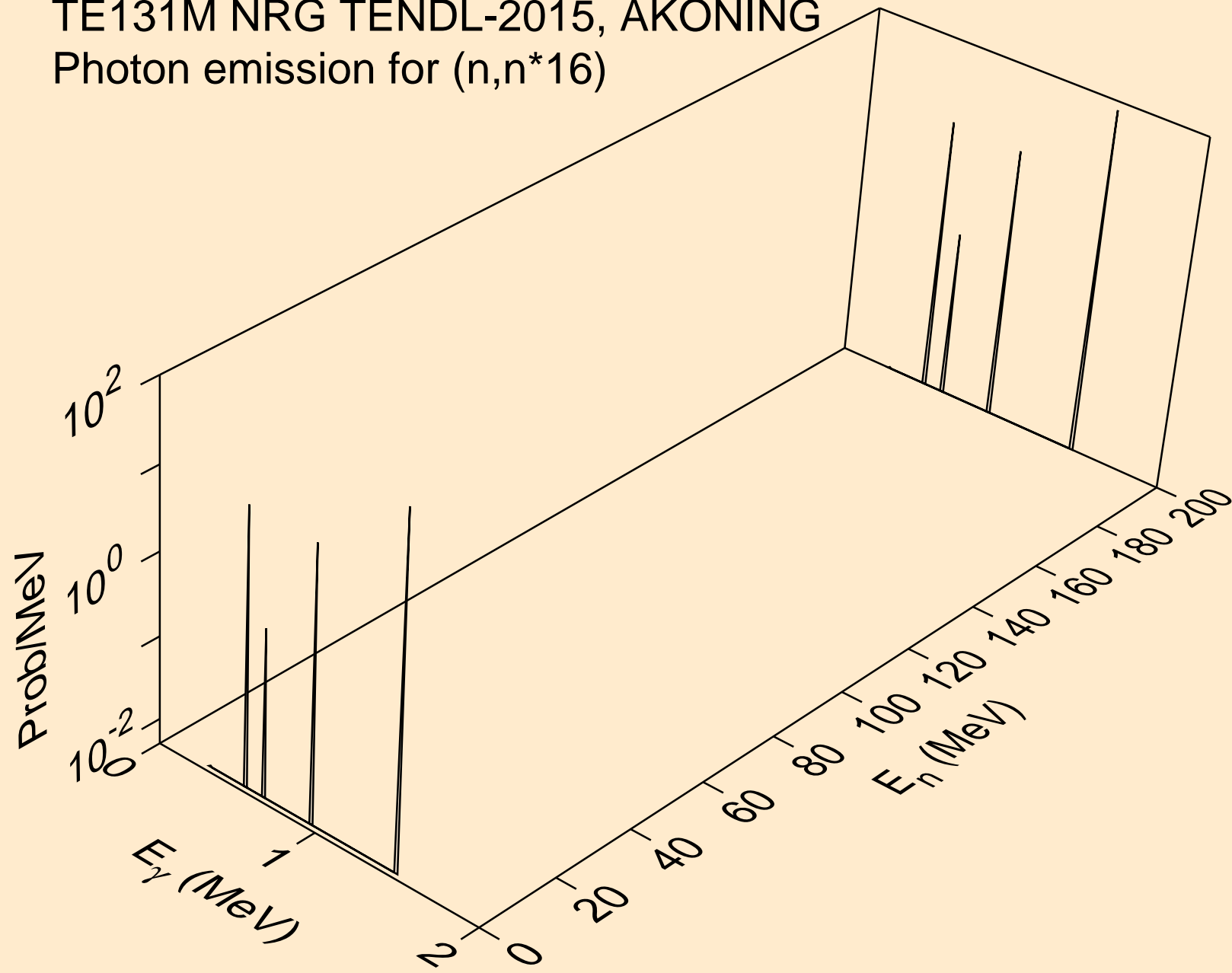


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Photon emission for (n,n\*15)

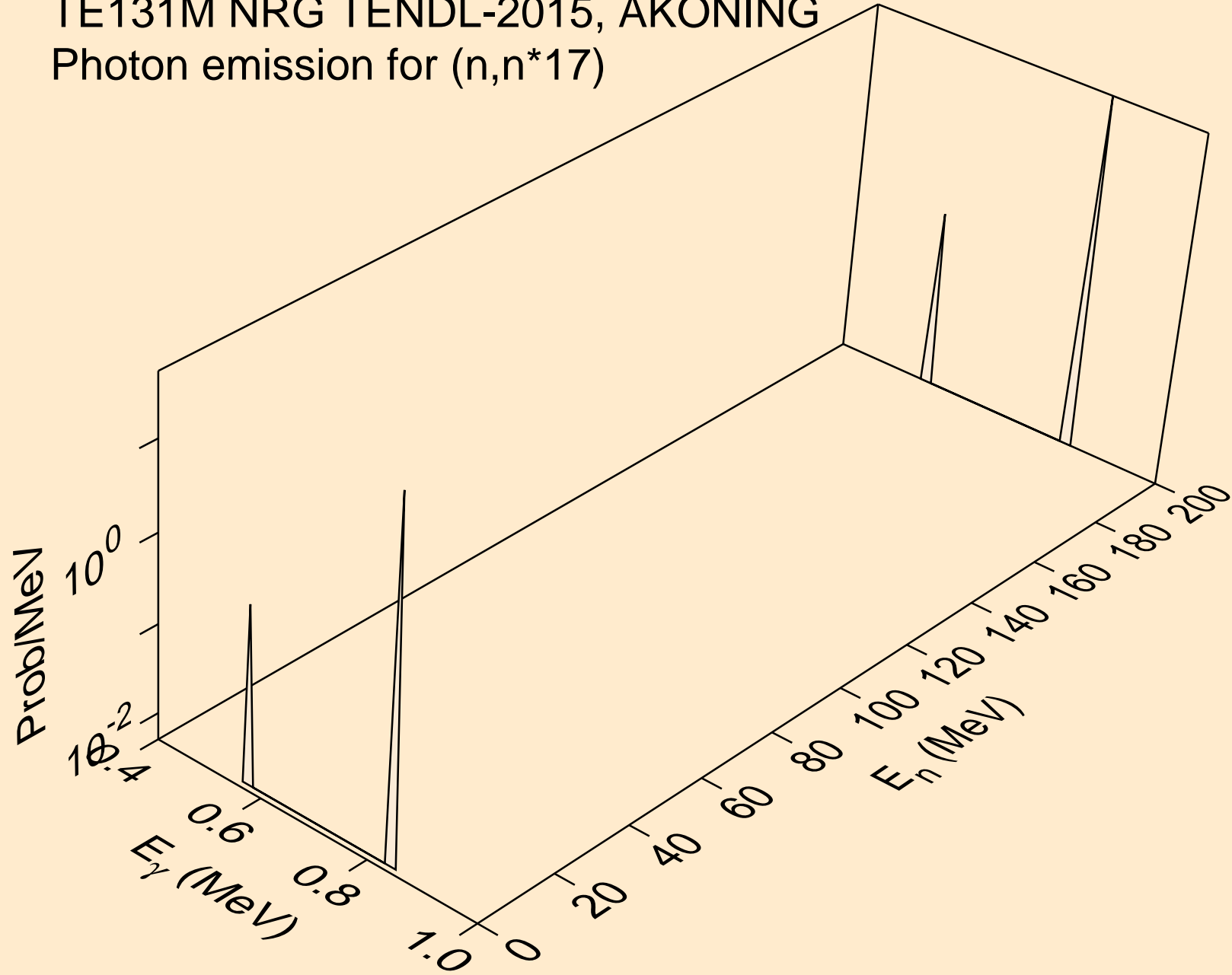




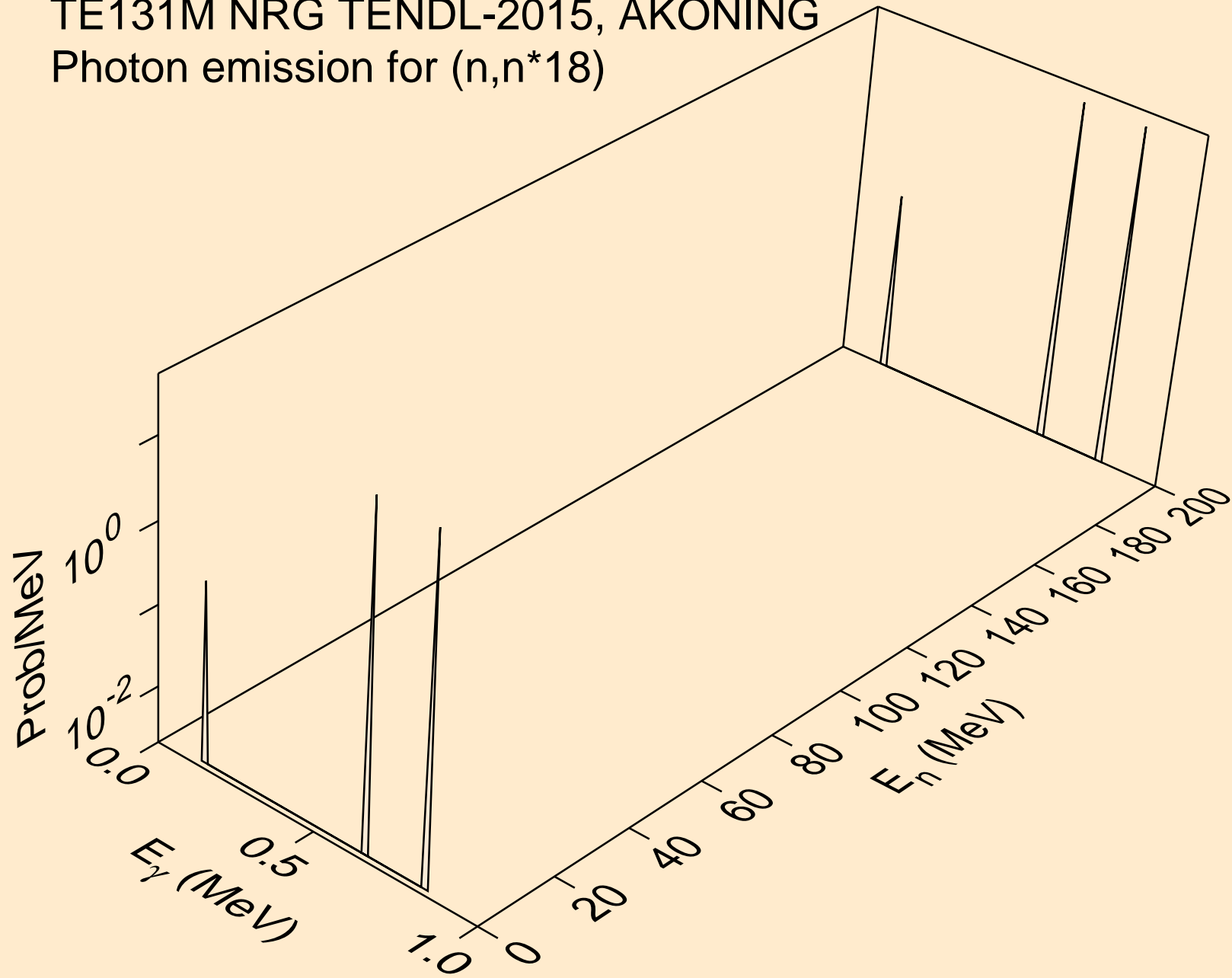
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Photon emission for (n,n\*16)



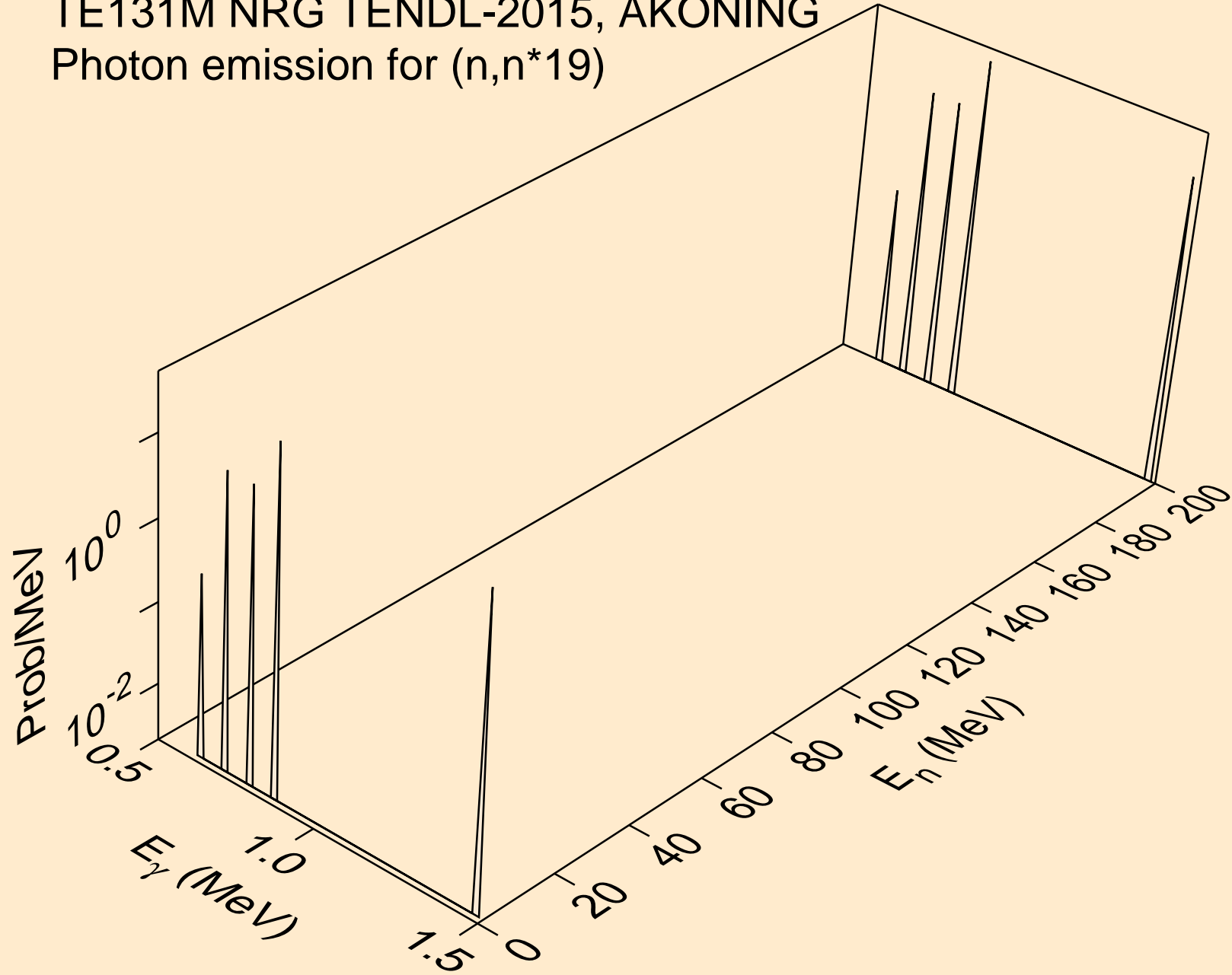
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Photon emission for (n,n\*17)



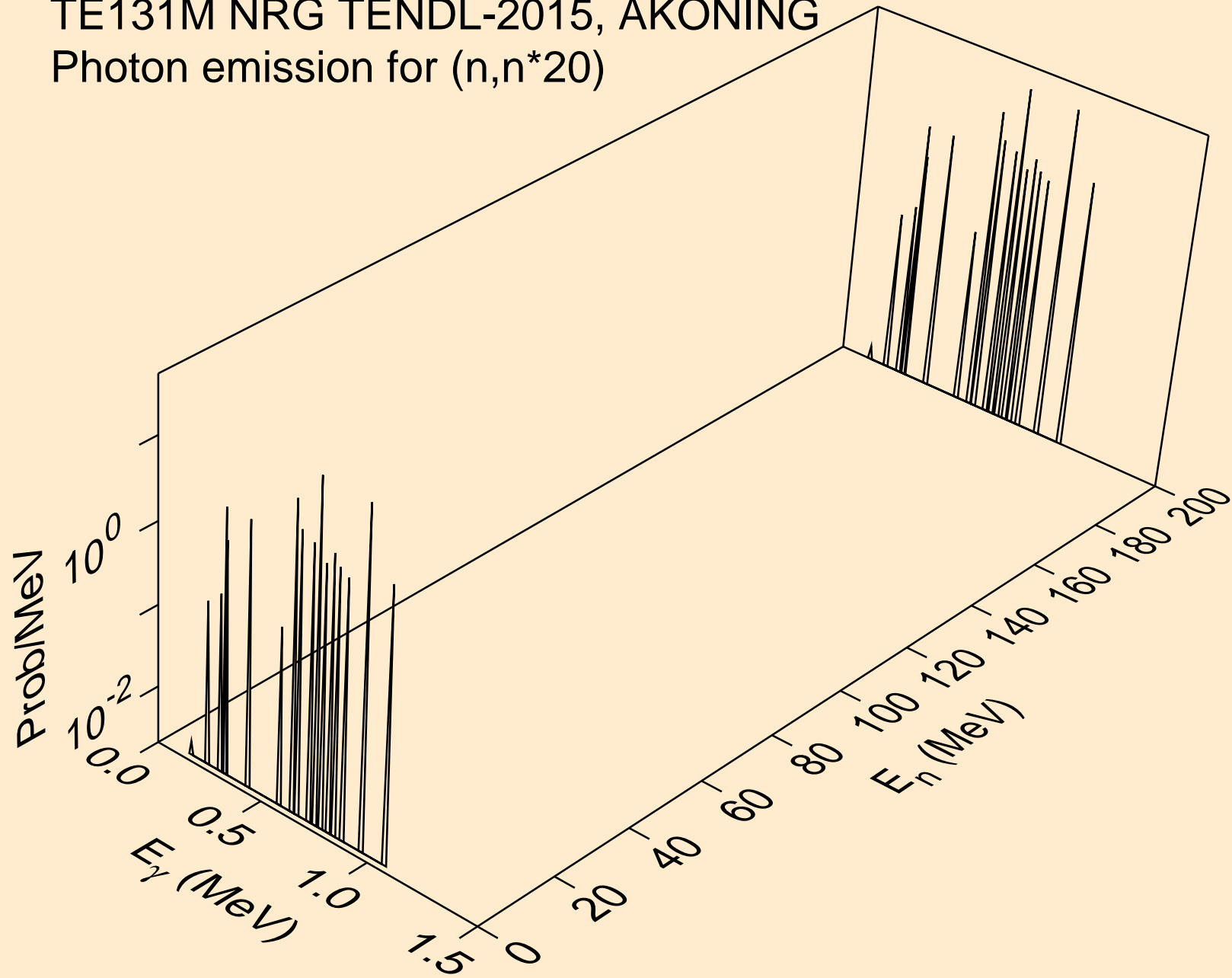
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Photon emission for (n,n\*18)



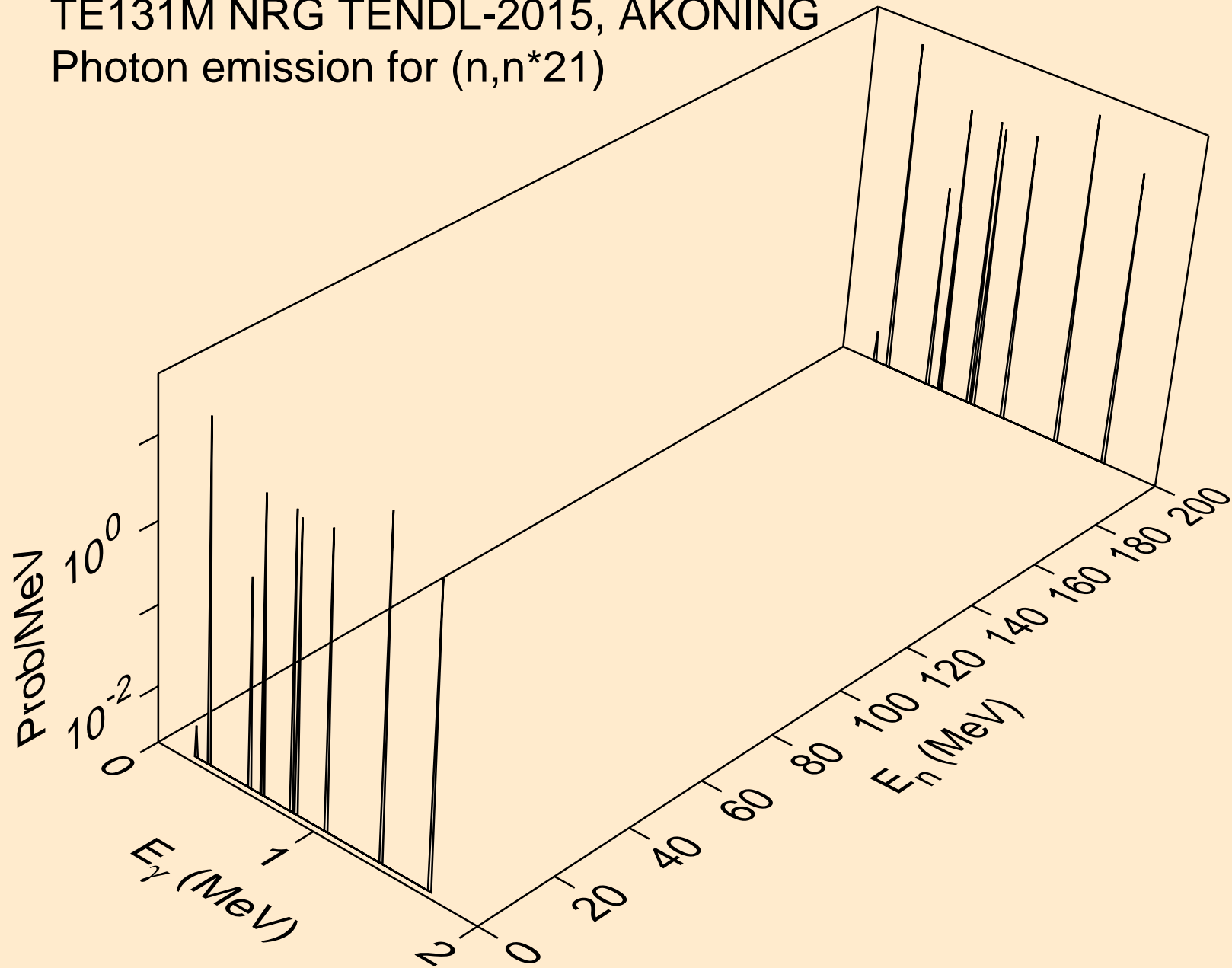
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Photon emission for (n,n\*19)



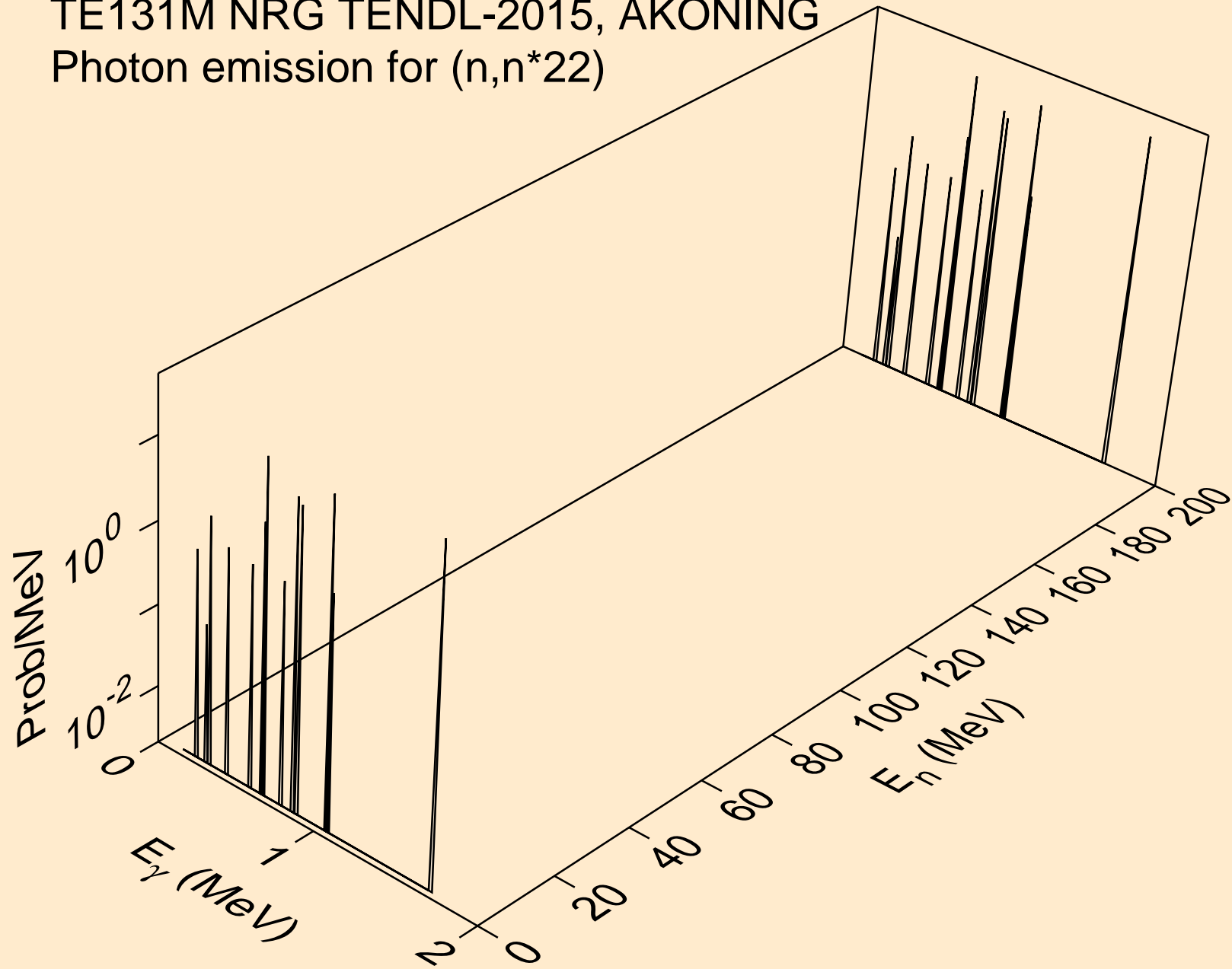
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Photon emission for (n,n\*20)



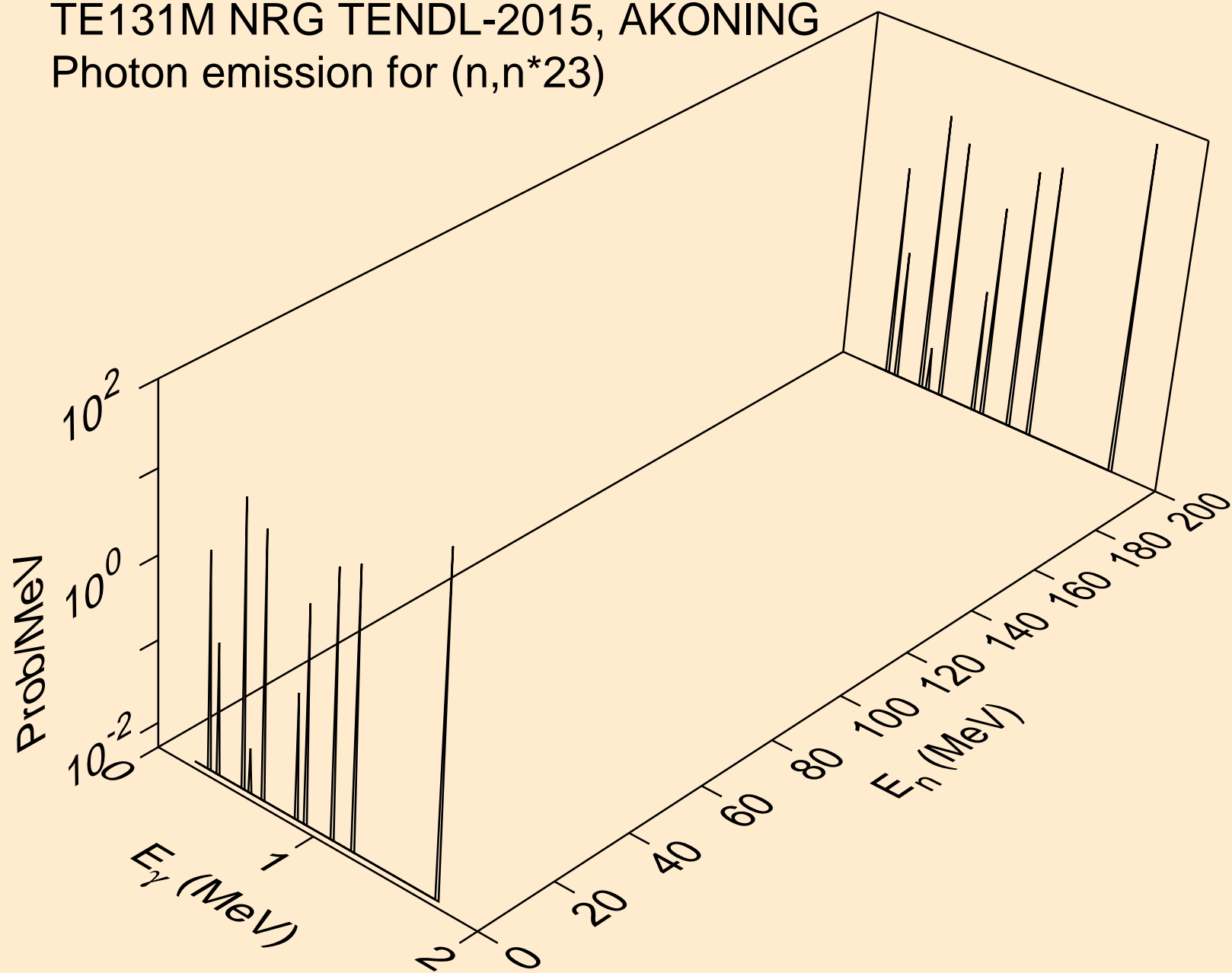
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Photon emission for (n,n\*21)



TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)

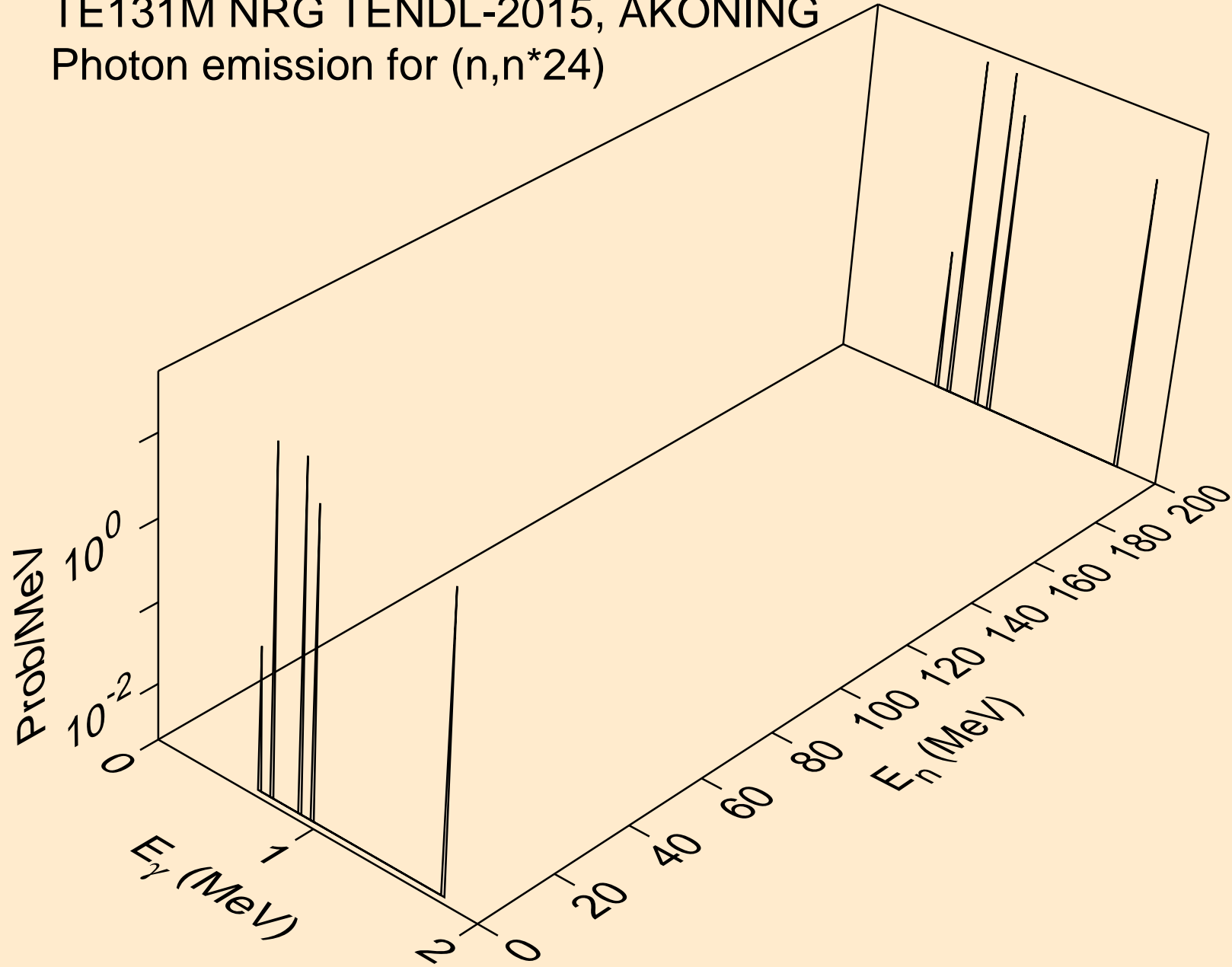


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Photon emission for (n,n\*23)

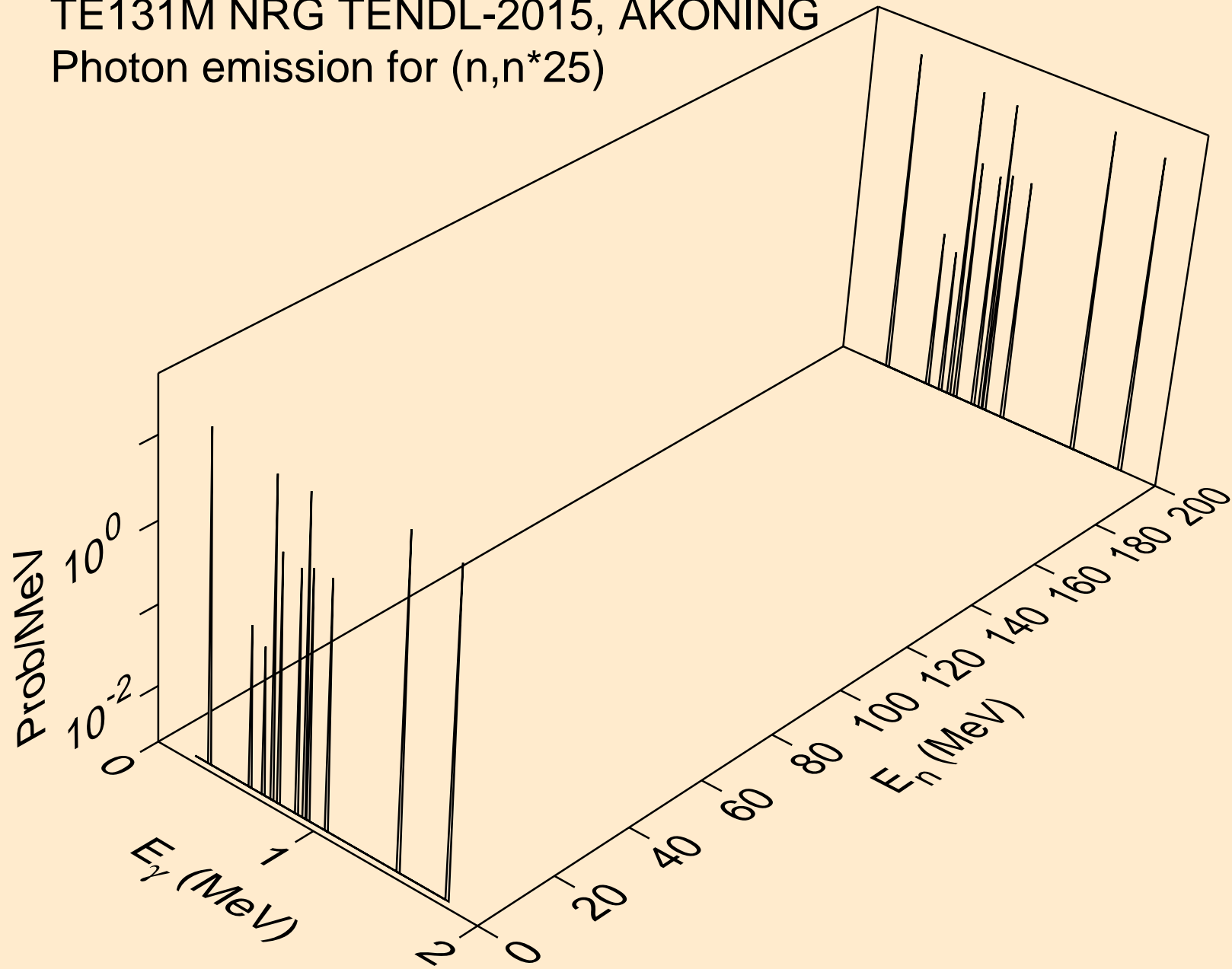




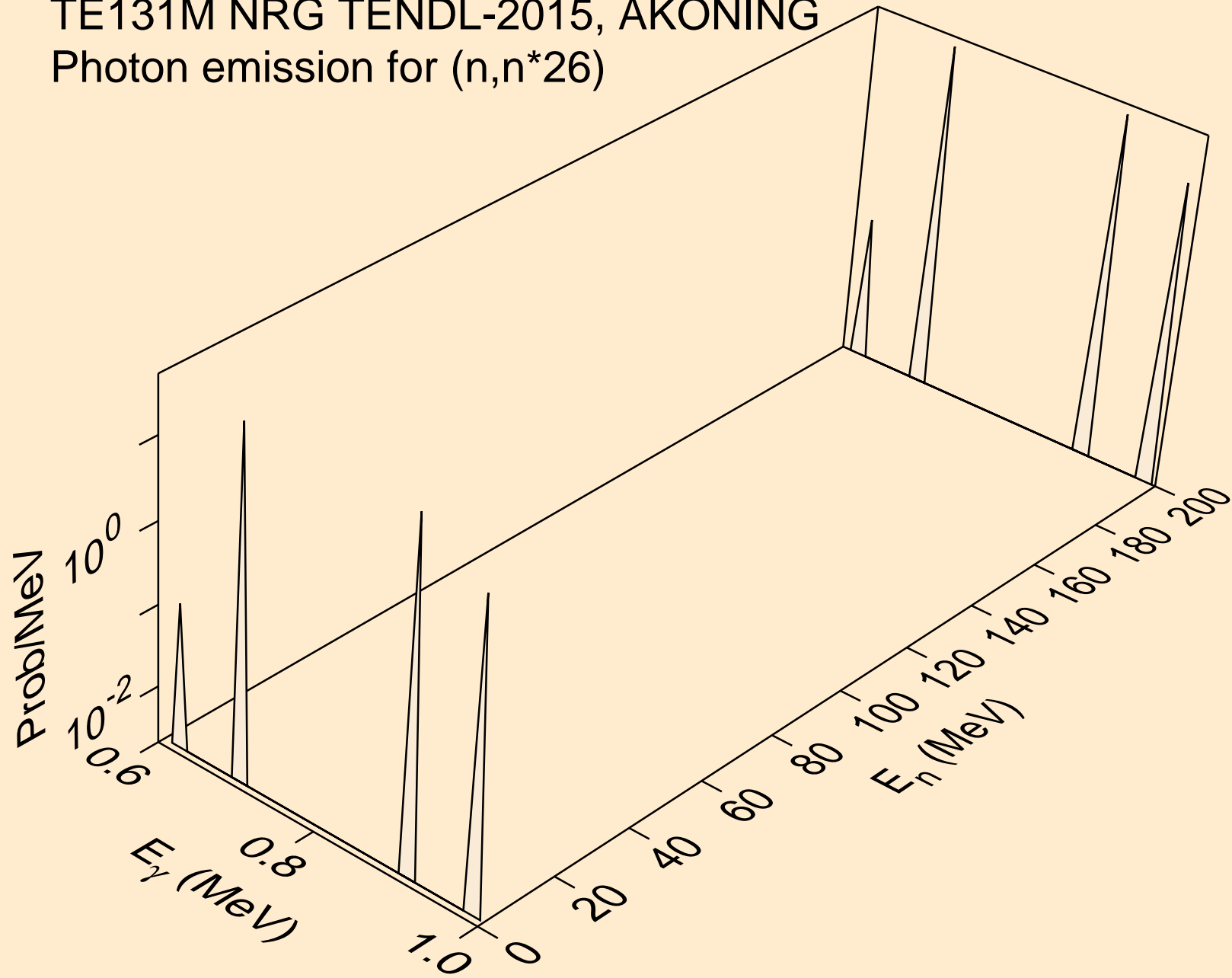
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Photon emission for (n,n\*24)



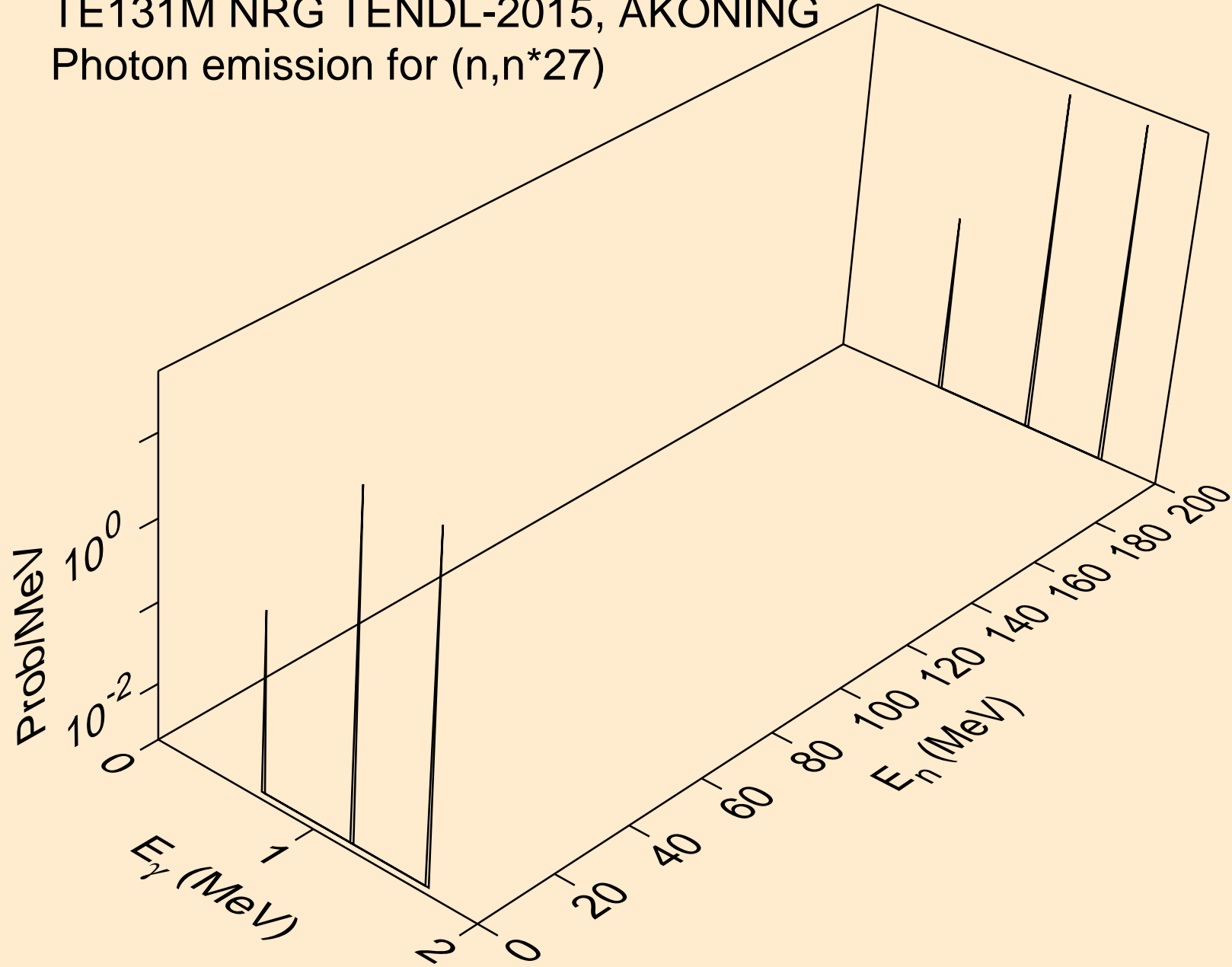
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Photon emission for (n,n\*25)



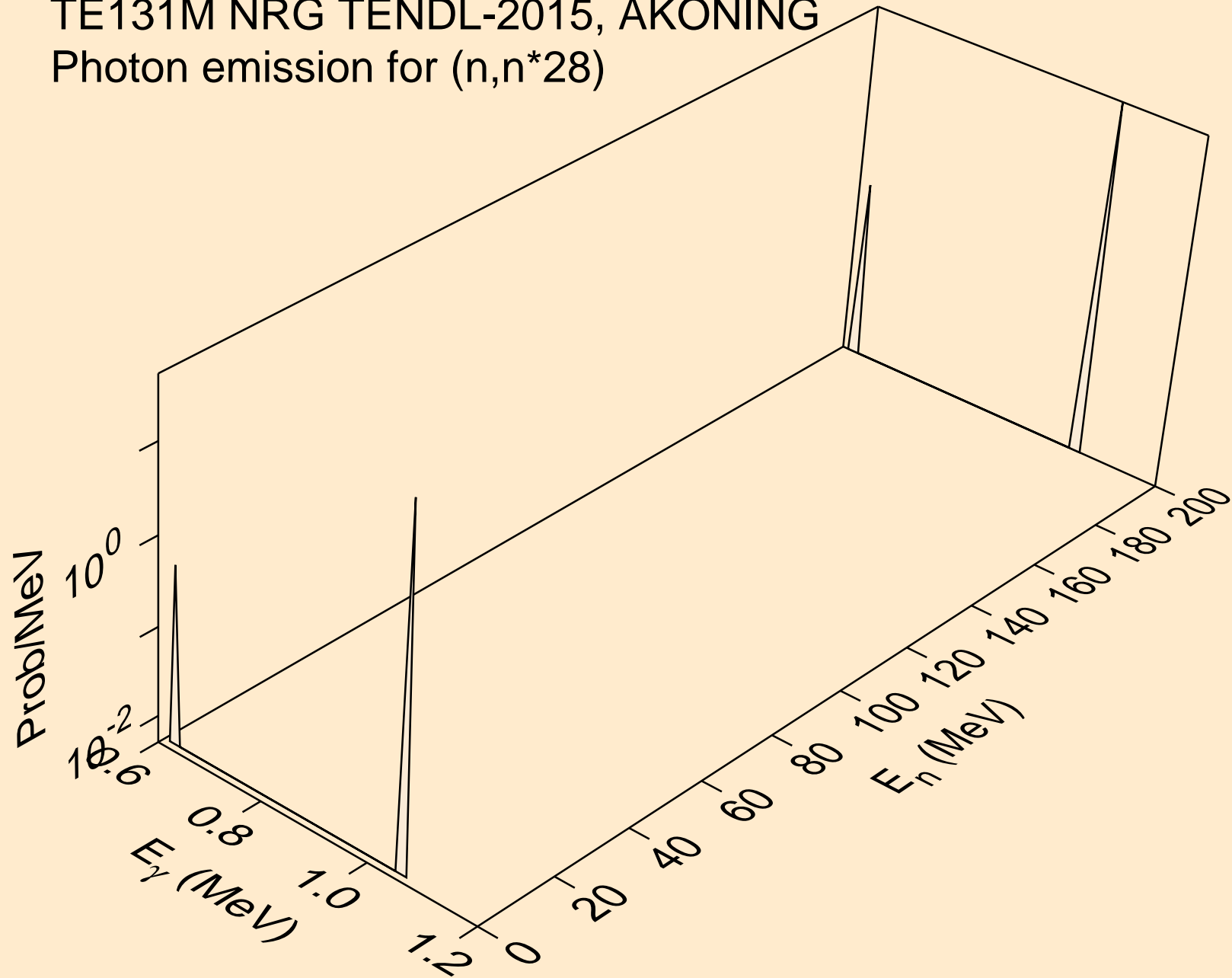
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Photon emission for (n,n\*26)



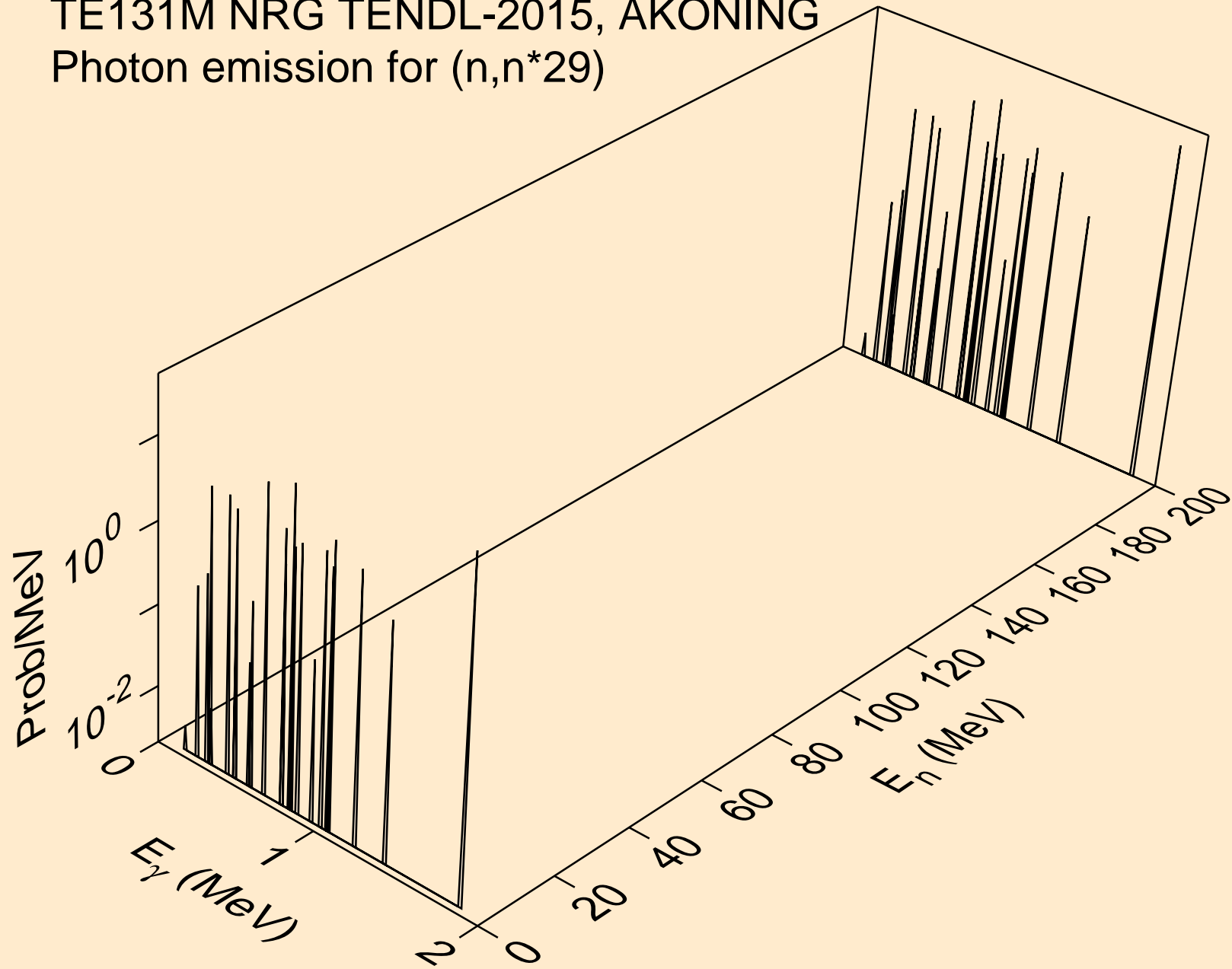
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)



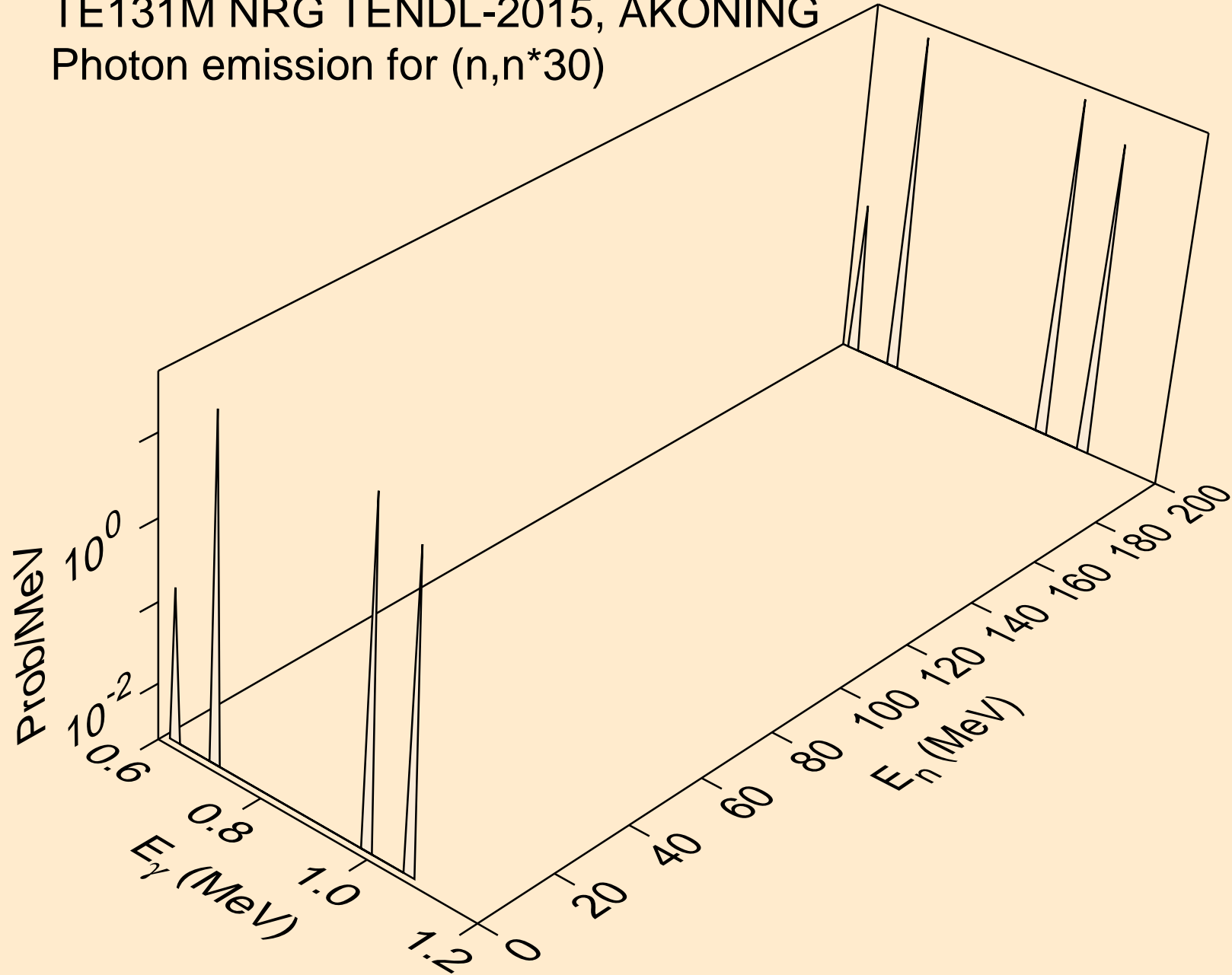
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)



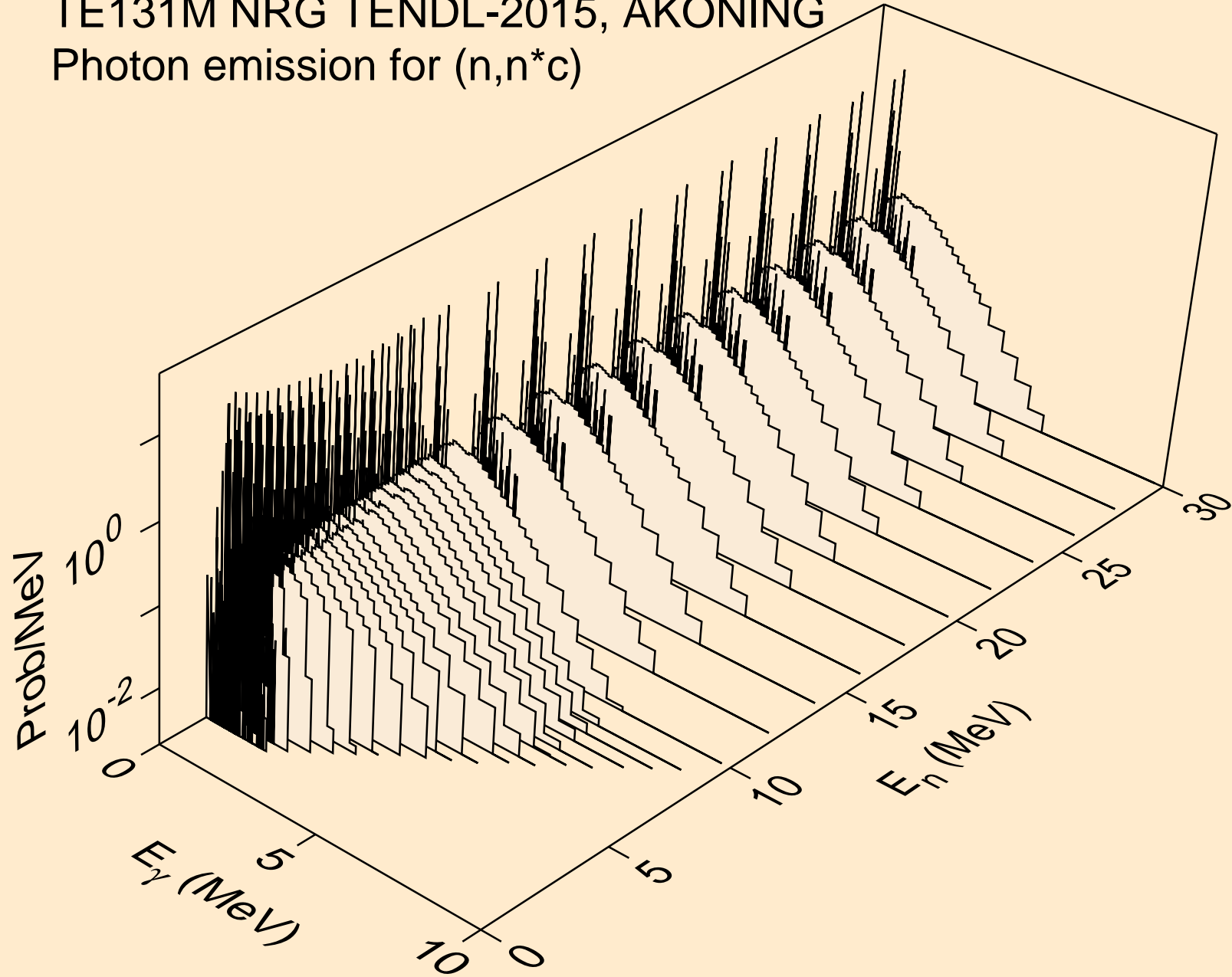
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*29)



TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*30)

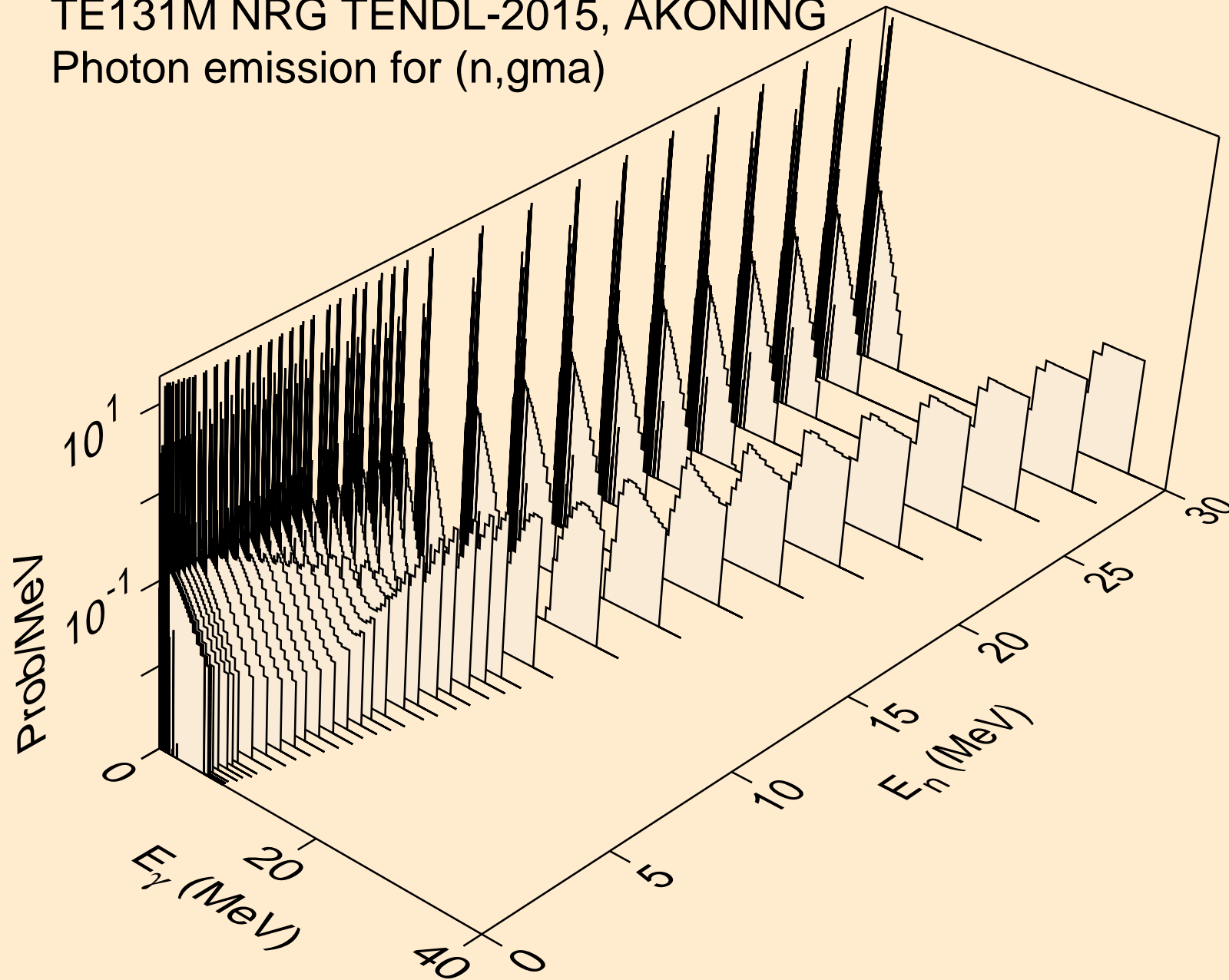


TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

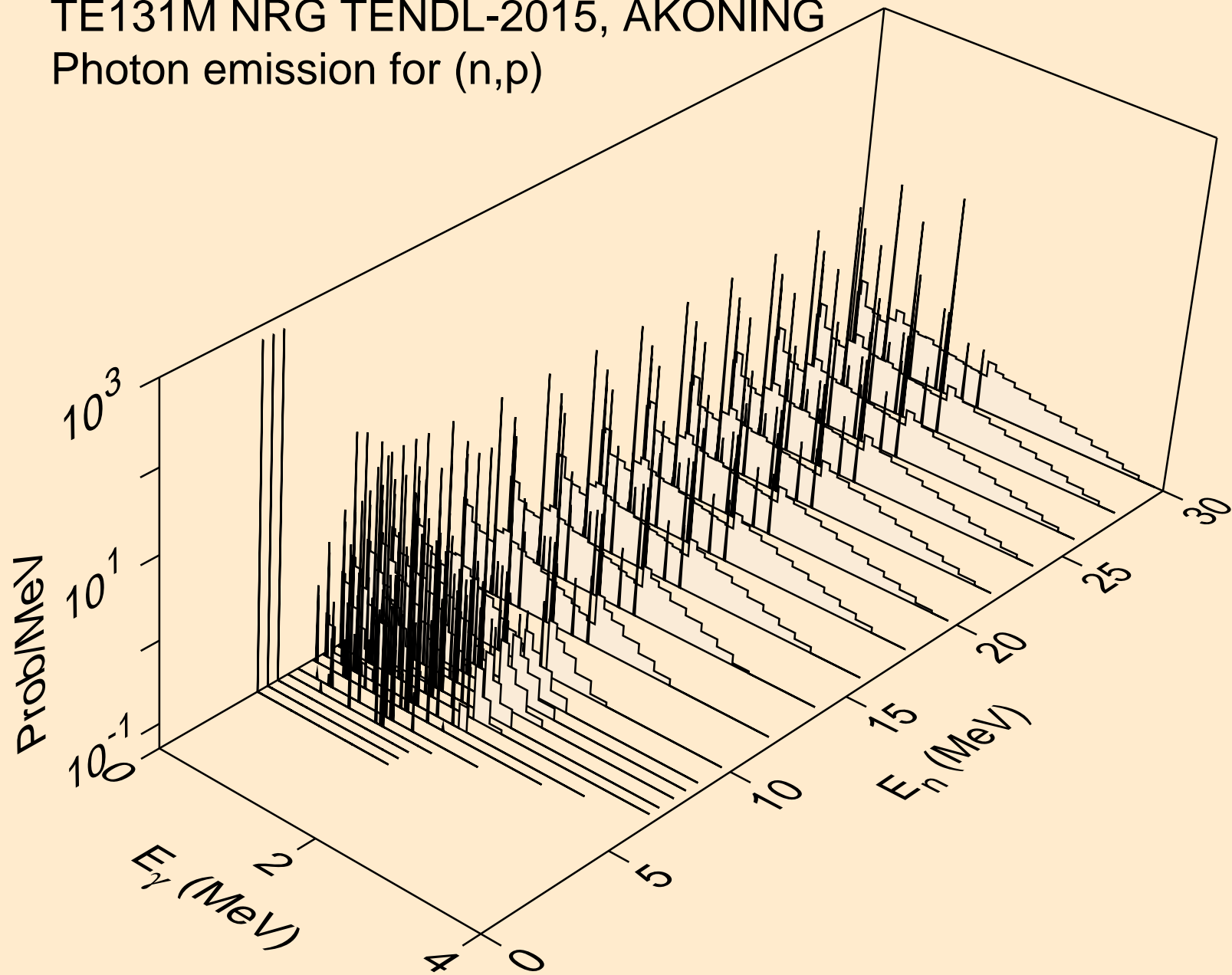




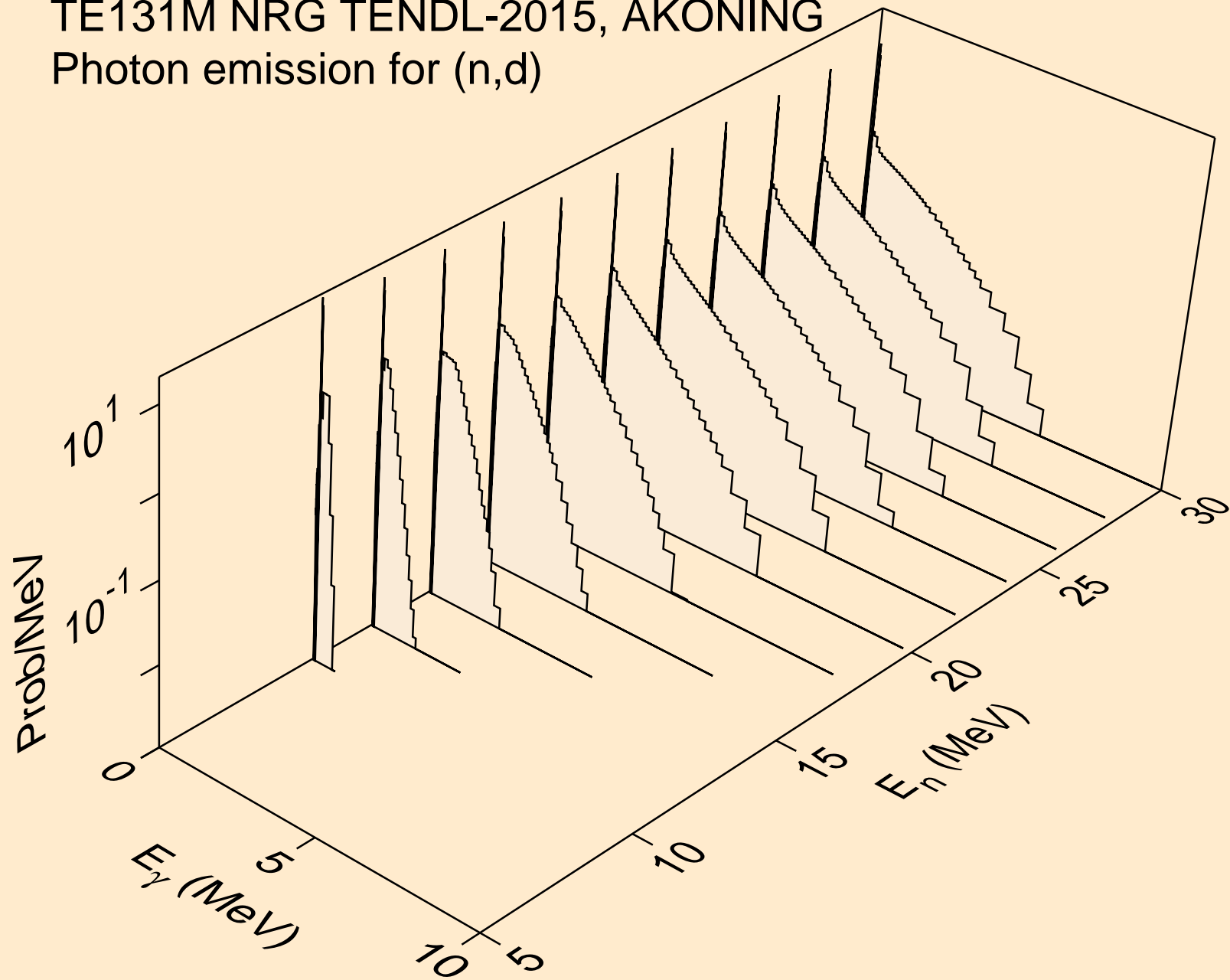
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Photon emission for (n,gma)



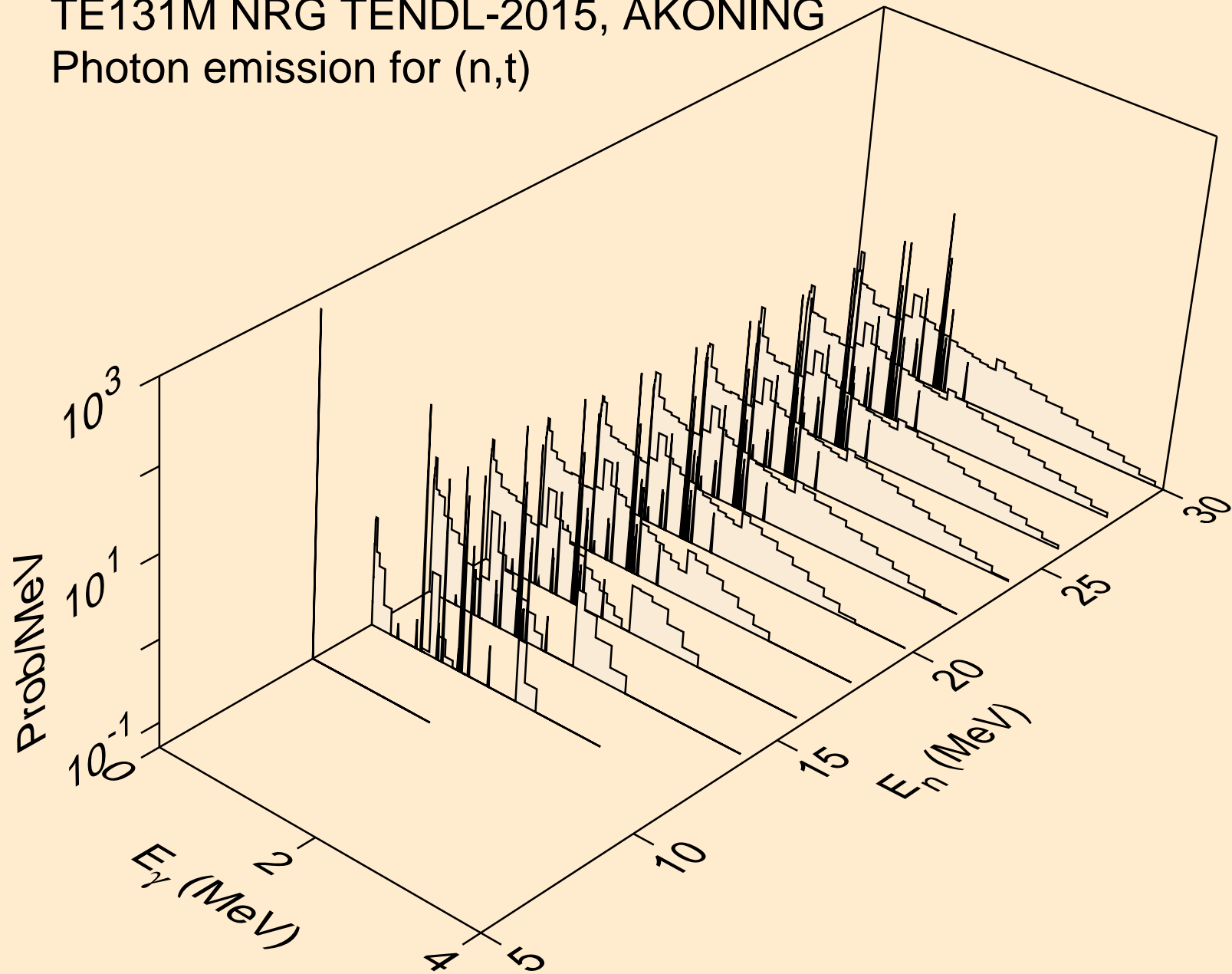
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



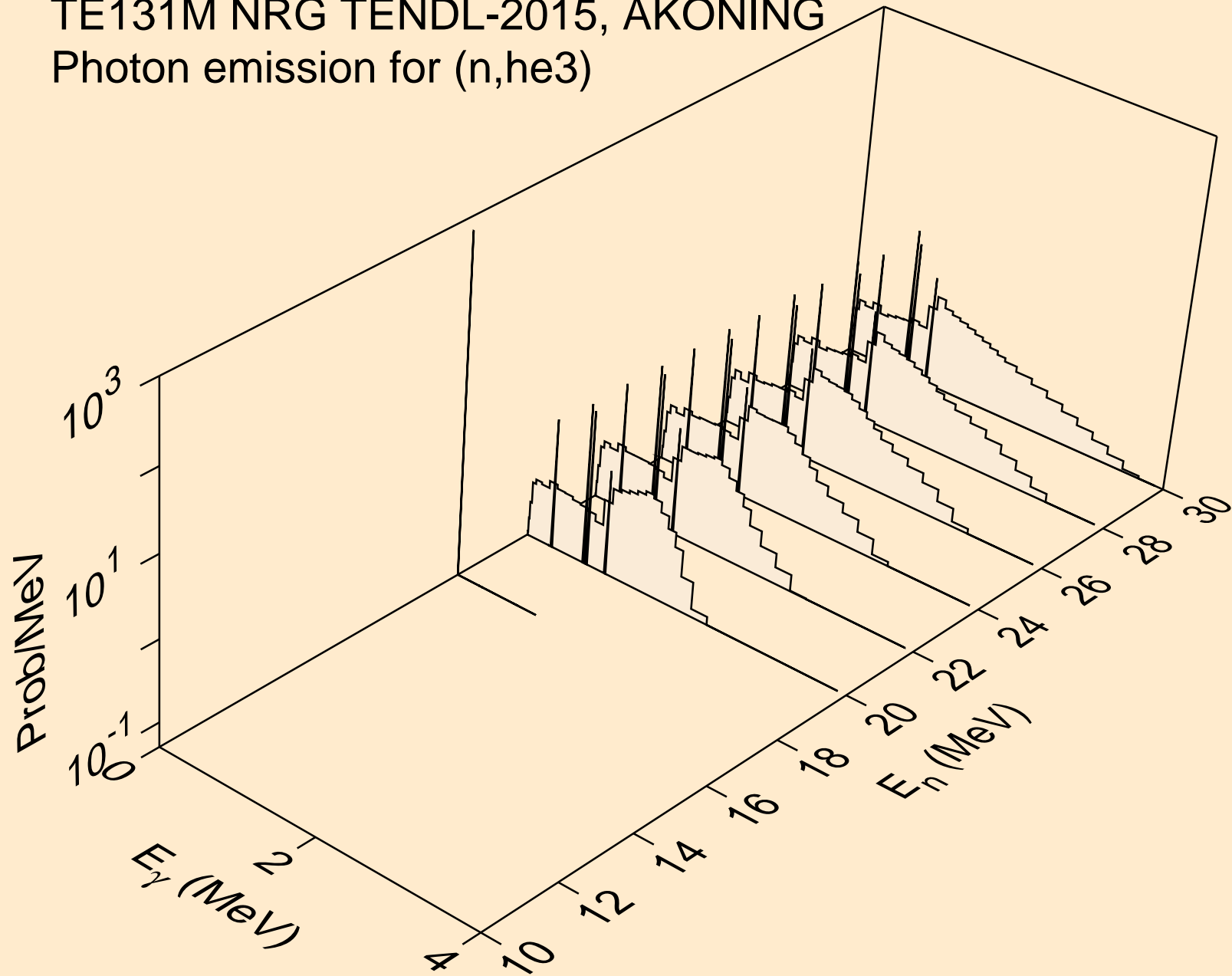
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



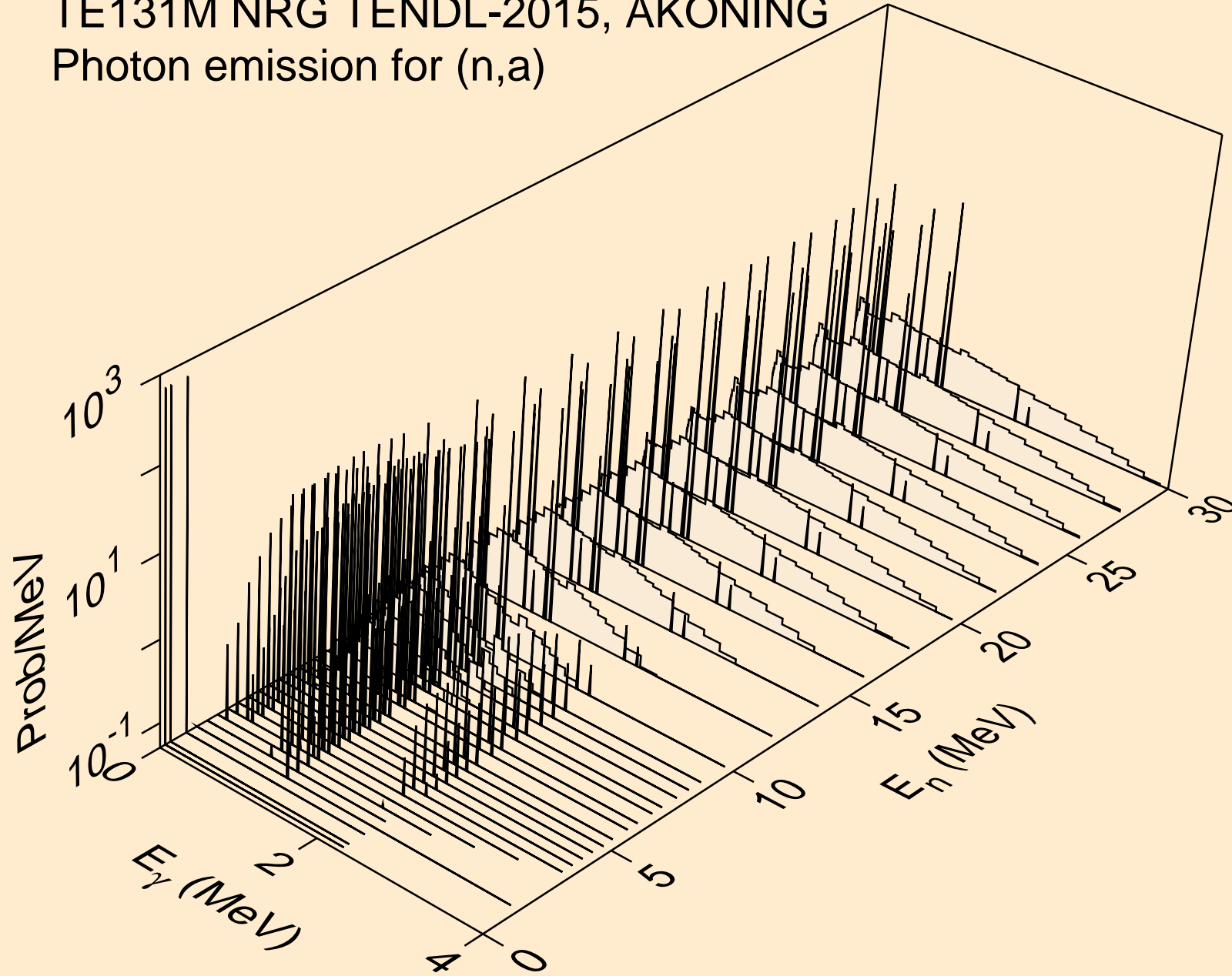
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Photon emission for (n,t)



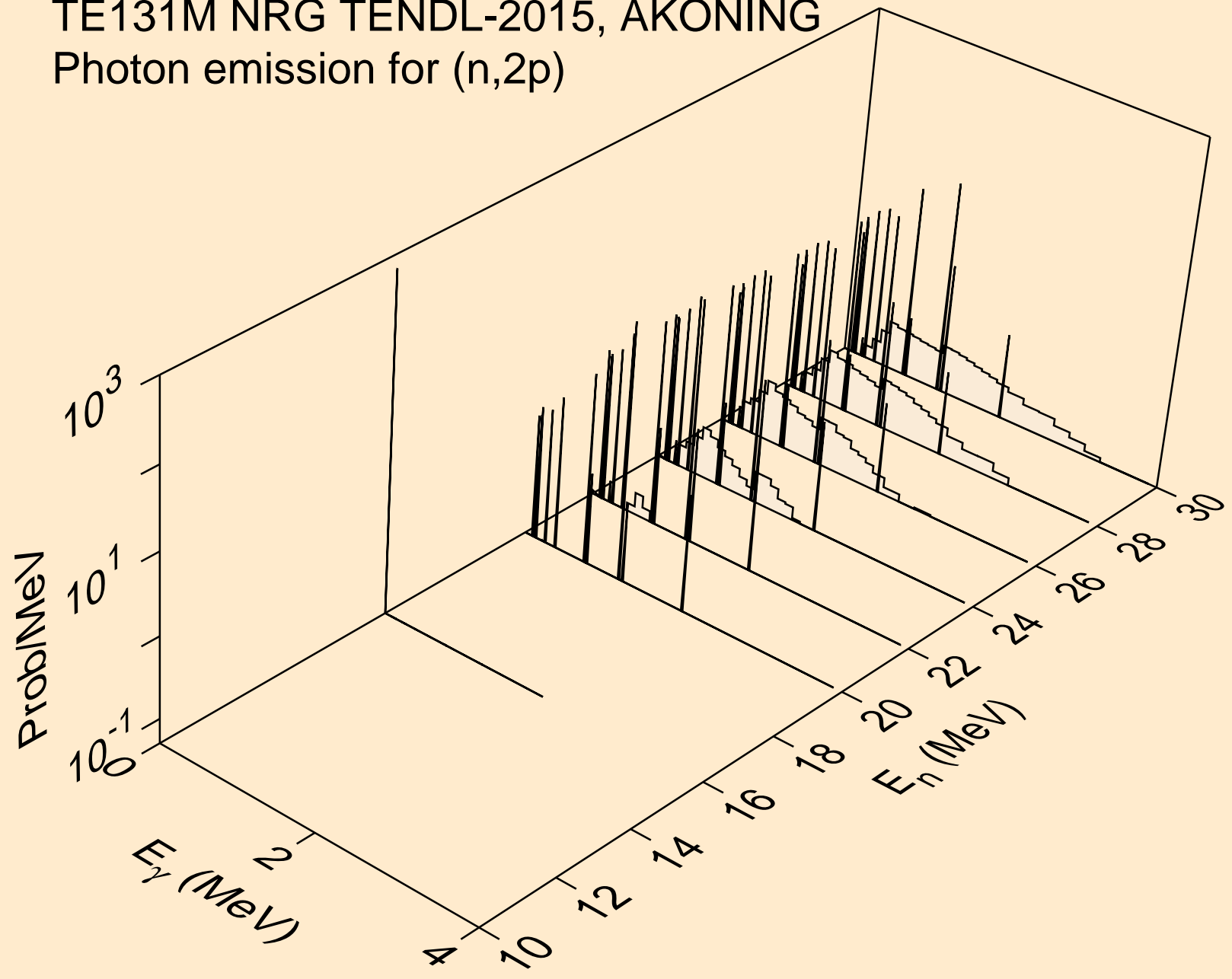
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Photon emission for (n,he3)



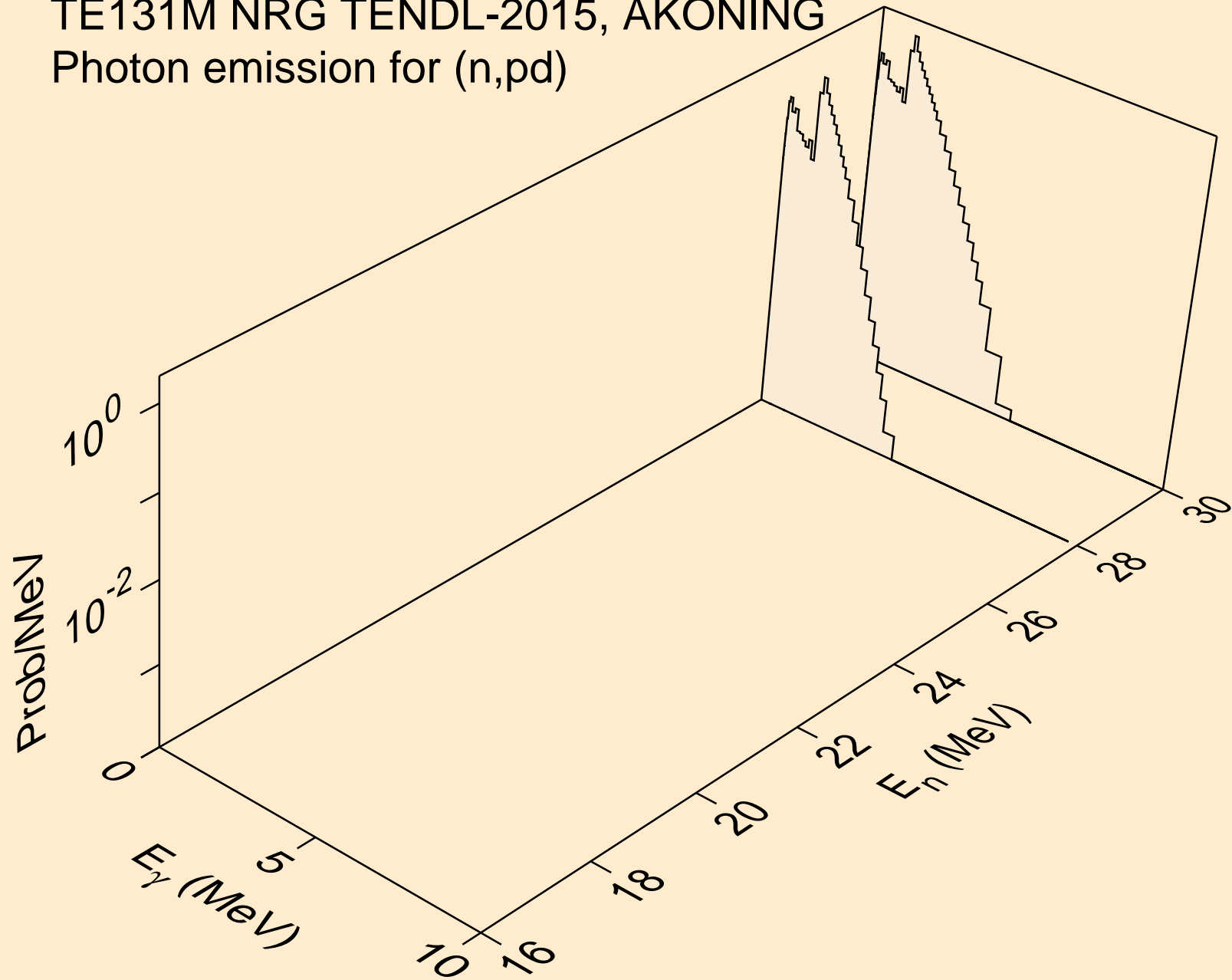
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Photon emission for (n,a)



TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

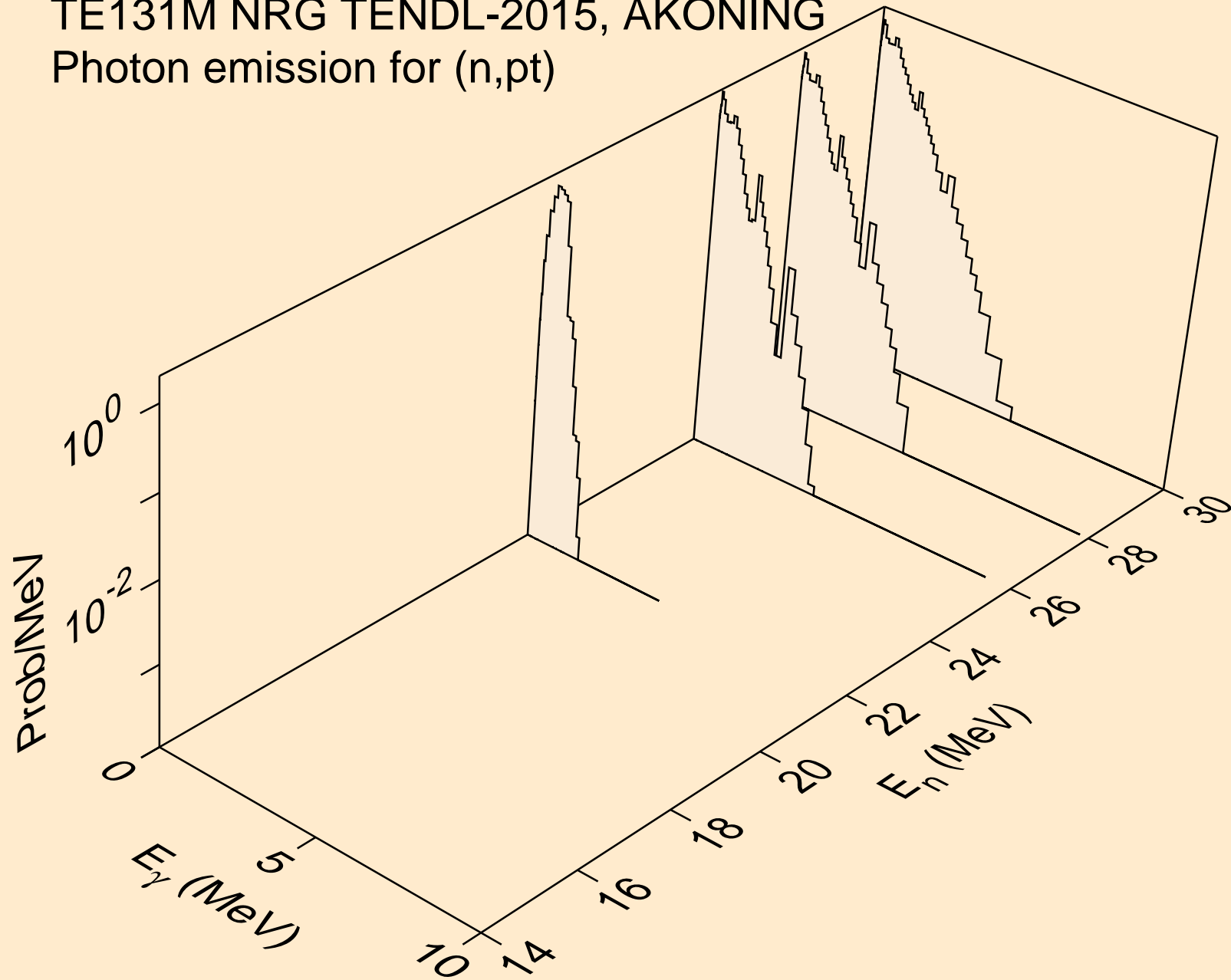


TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

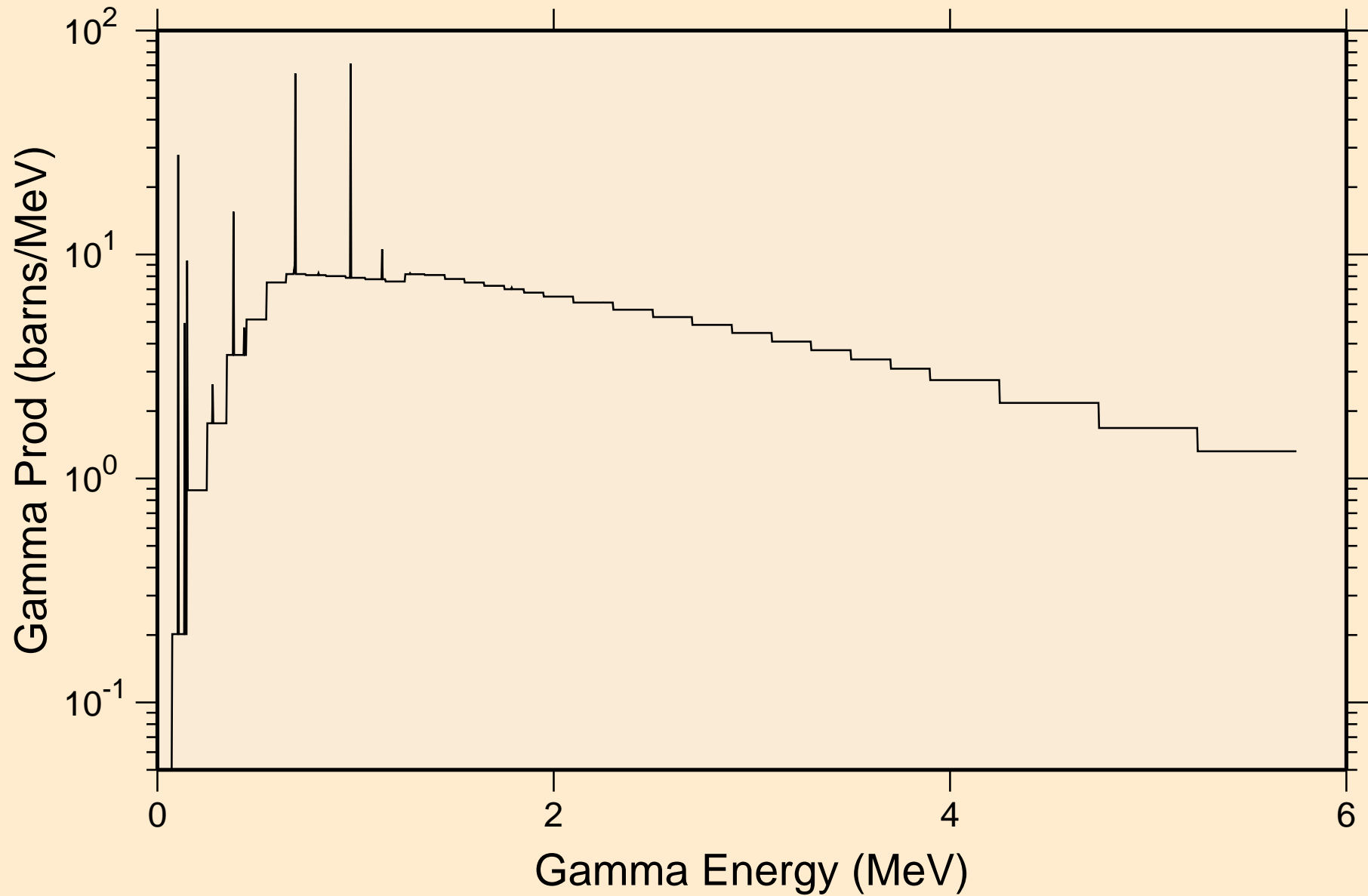




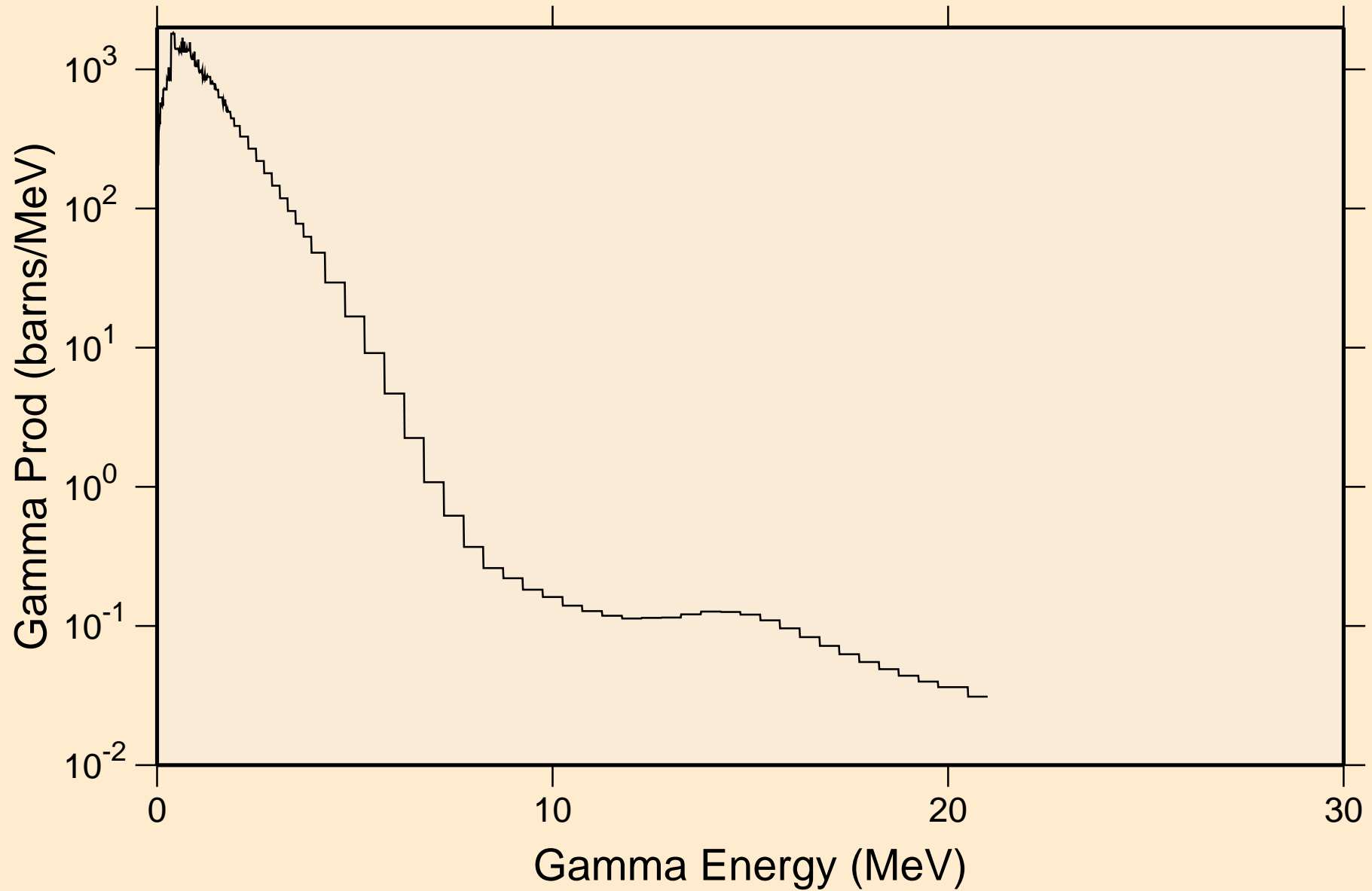
TE131M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



TE131M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

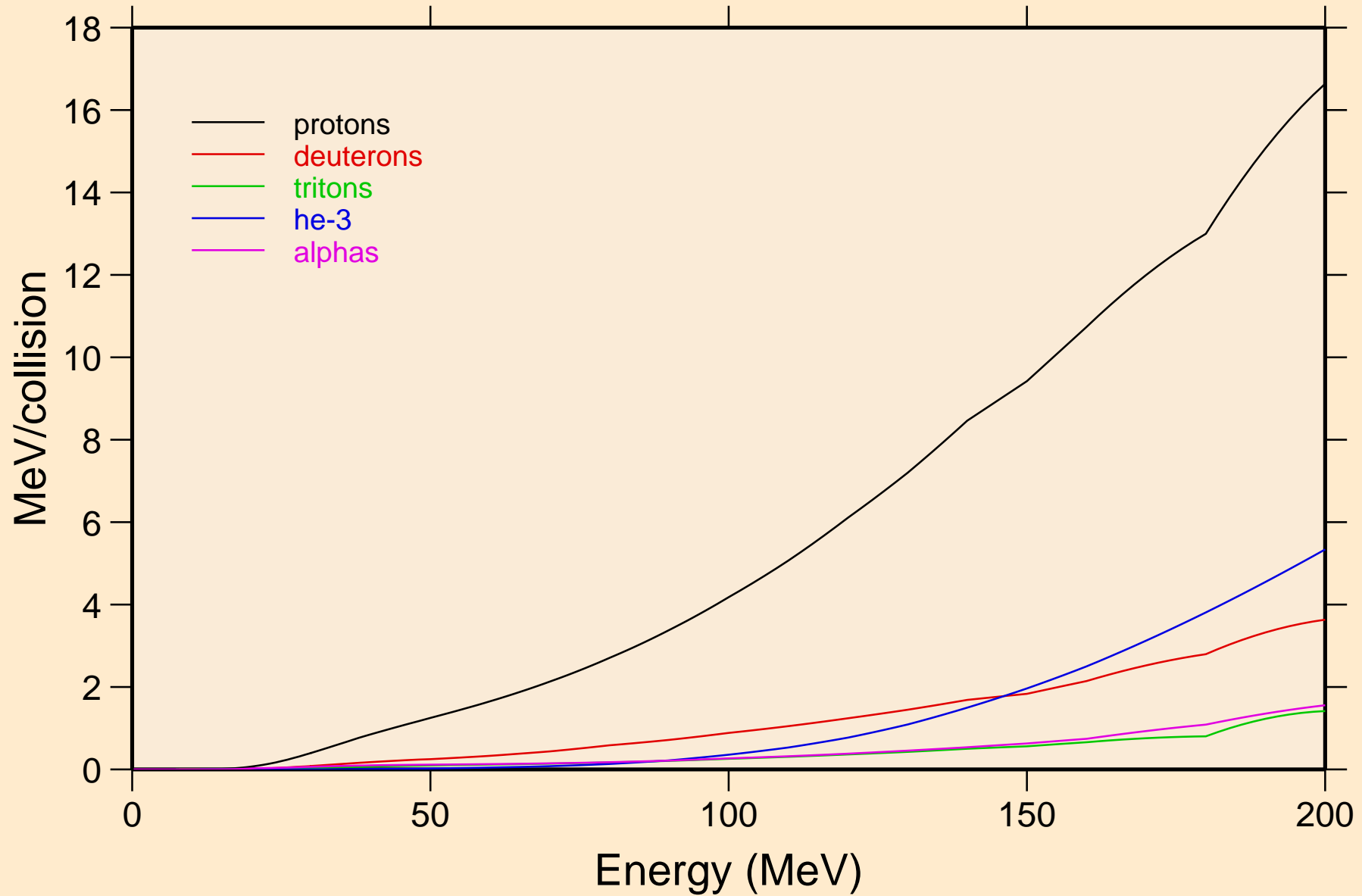


TE131M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



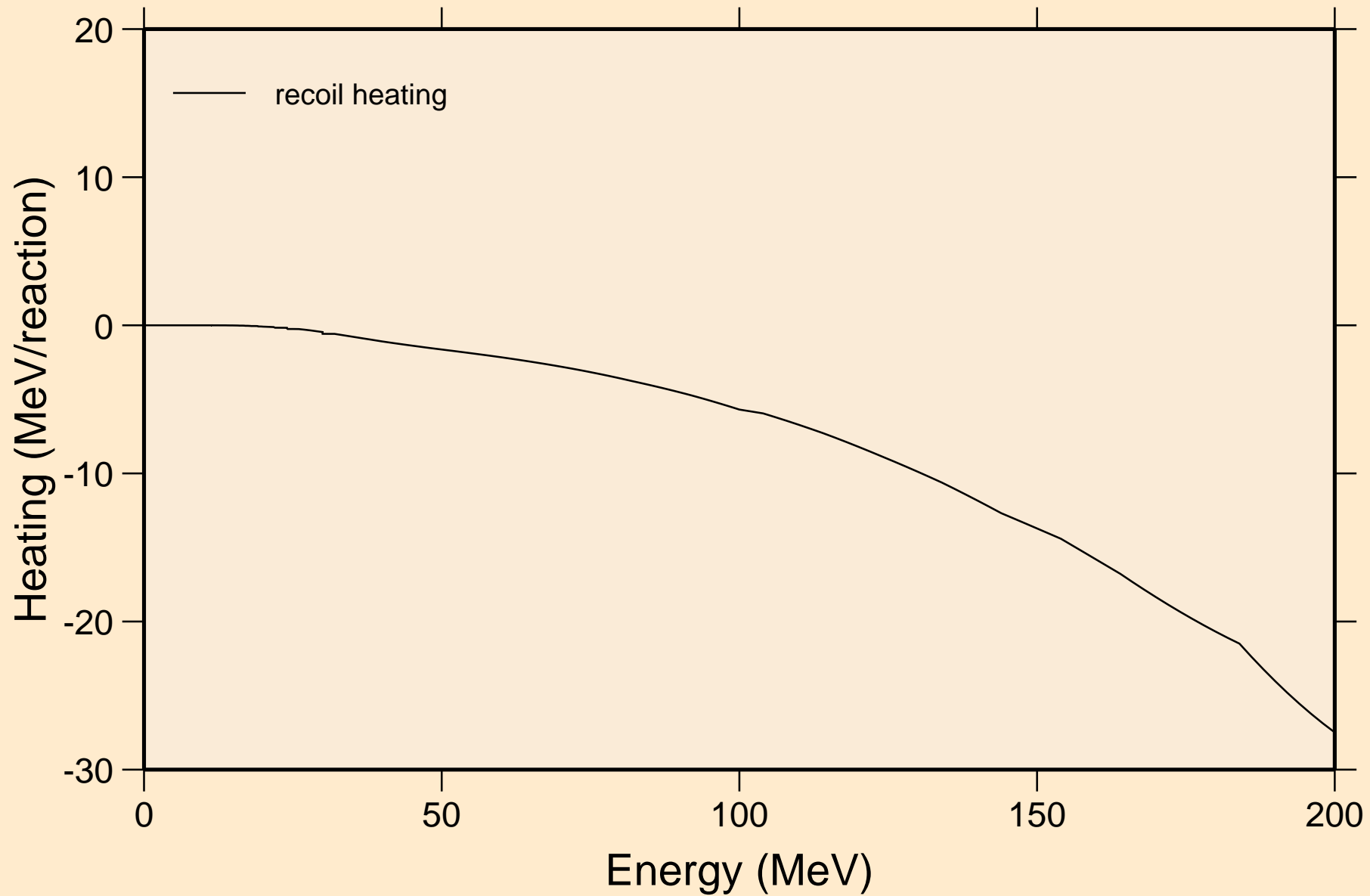
# TE131M NRG TENDL-2015, AKONING

## Particle heating contributions



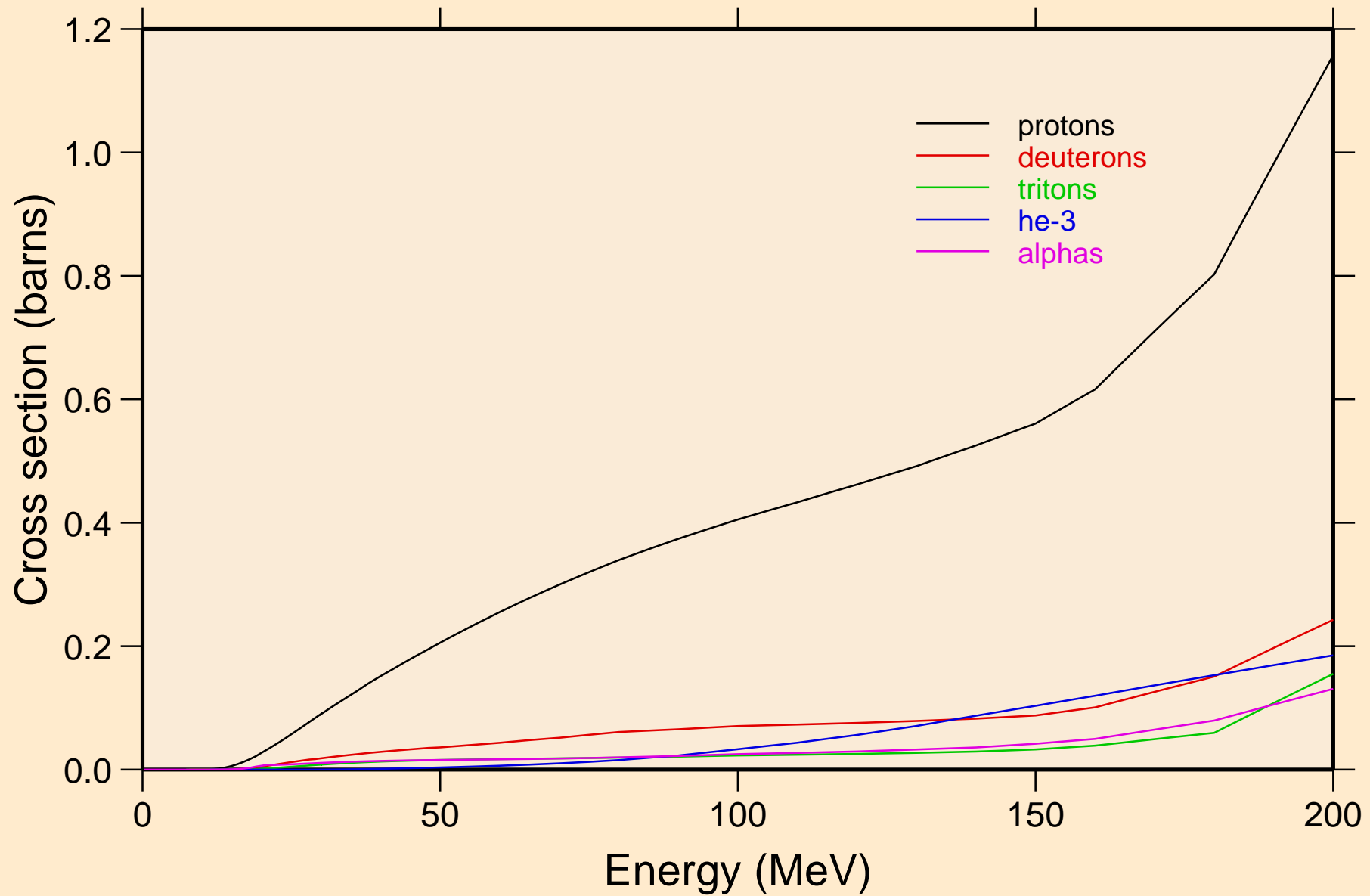
# TE131M NRG TENDL-2015, AKONING

## Recoil Heating

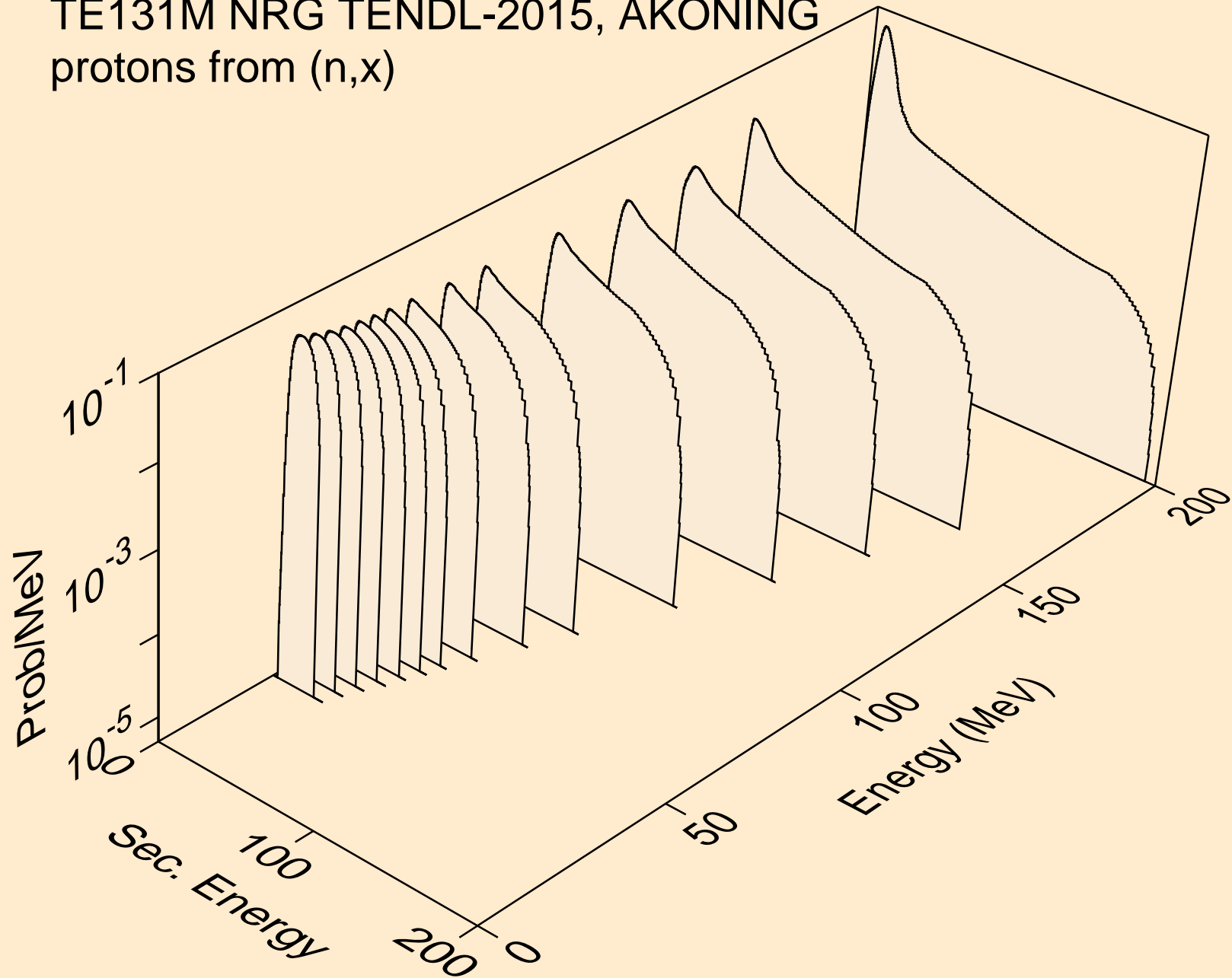


# TE131M NRG TENDL-2015, AKONING

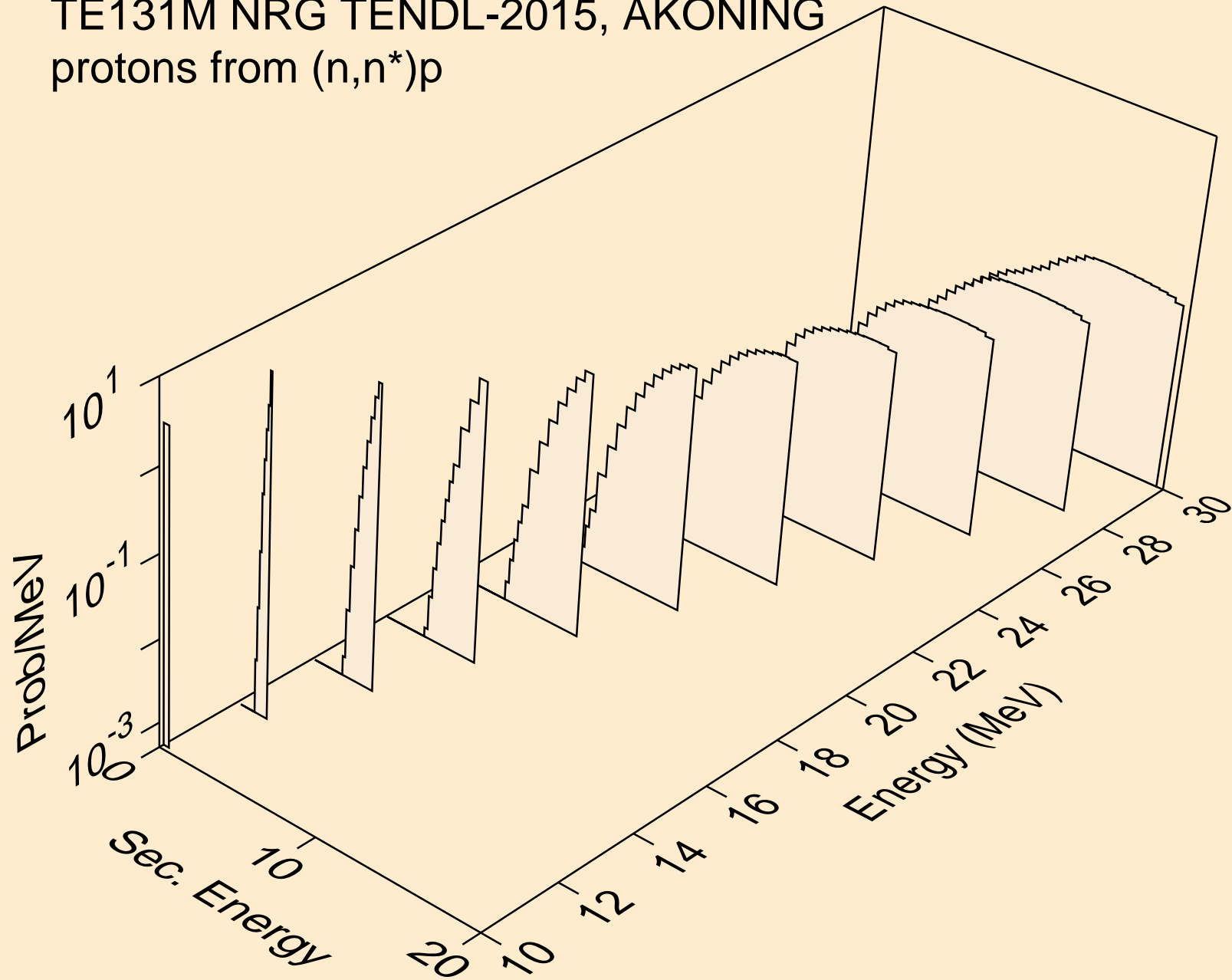
## Particle production cross sections



TE131M NRG TENDL-2015, AKONING  
protons from (n,x)

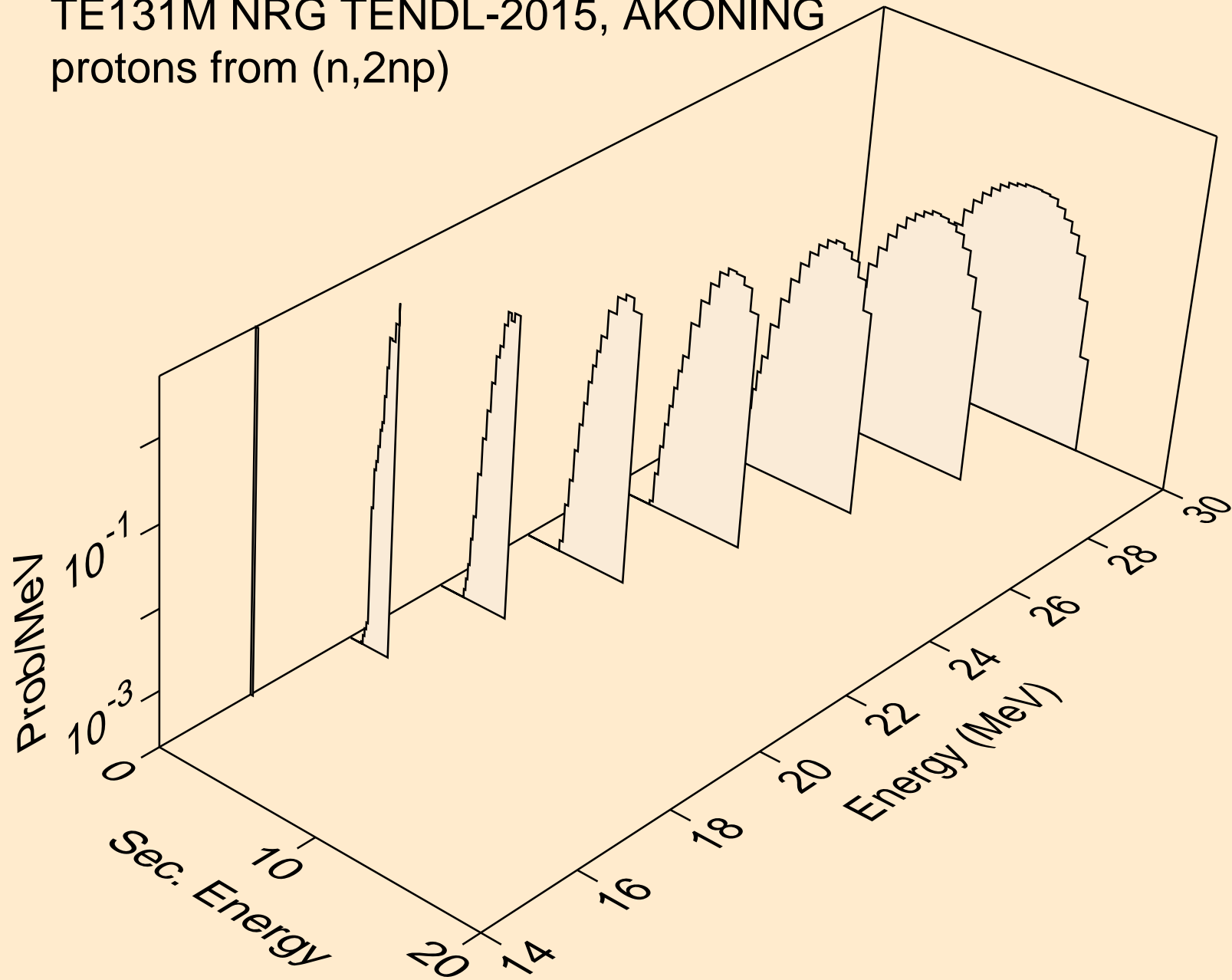


TE131M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

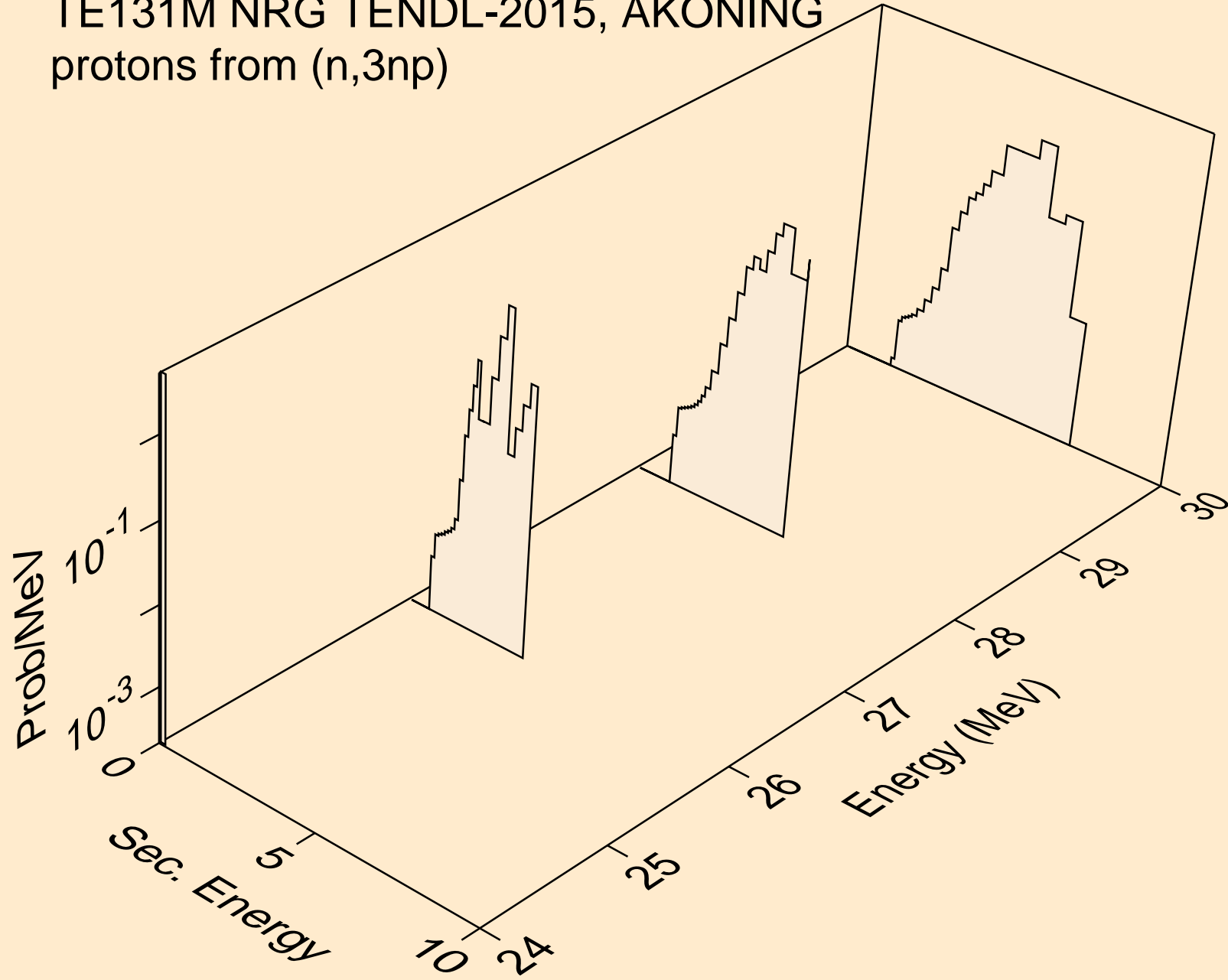




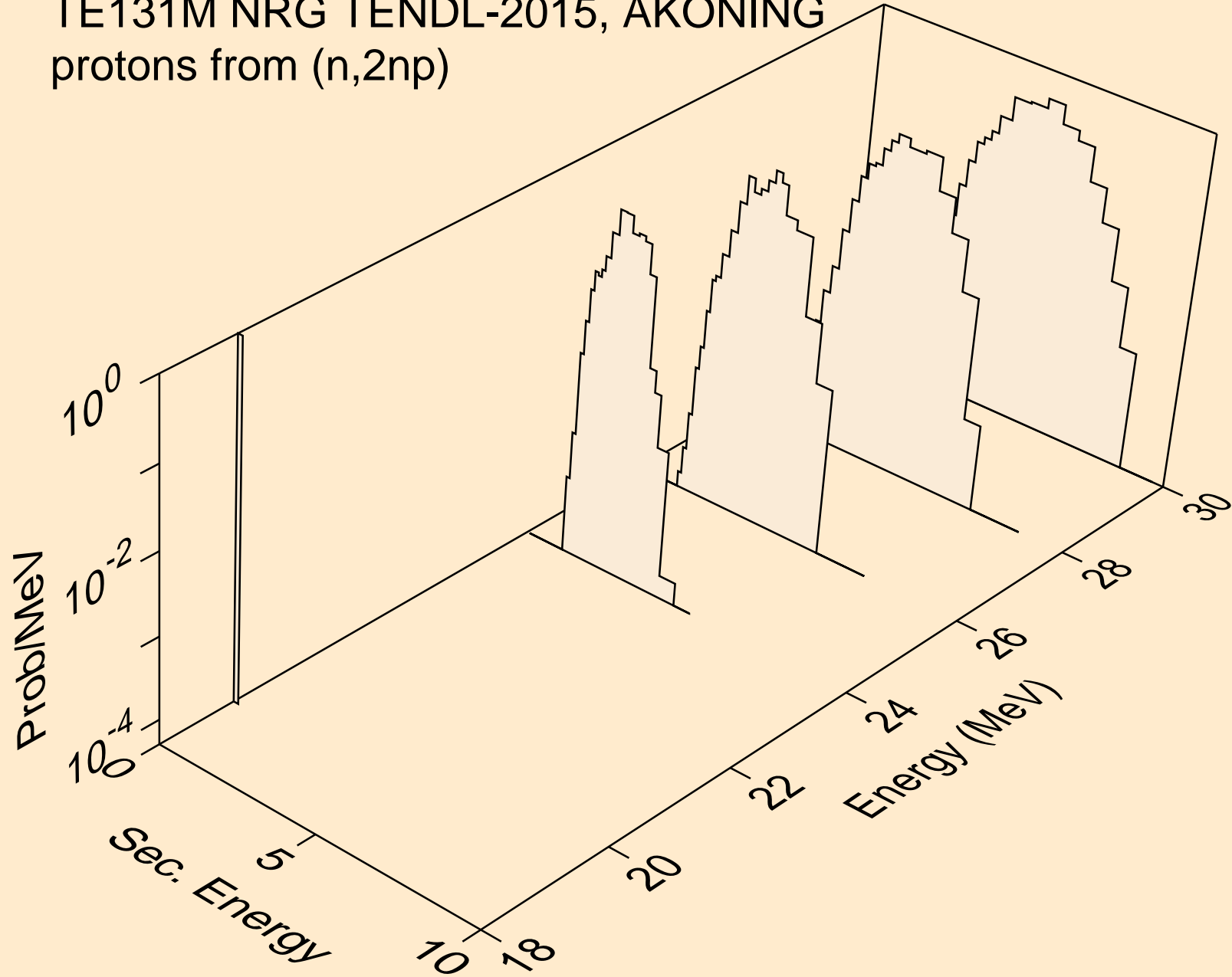
TE131M NRG TENDL-2015, AKONING  
protons from (n,2np)



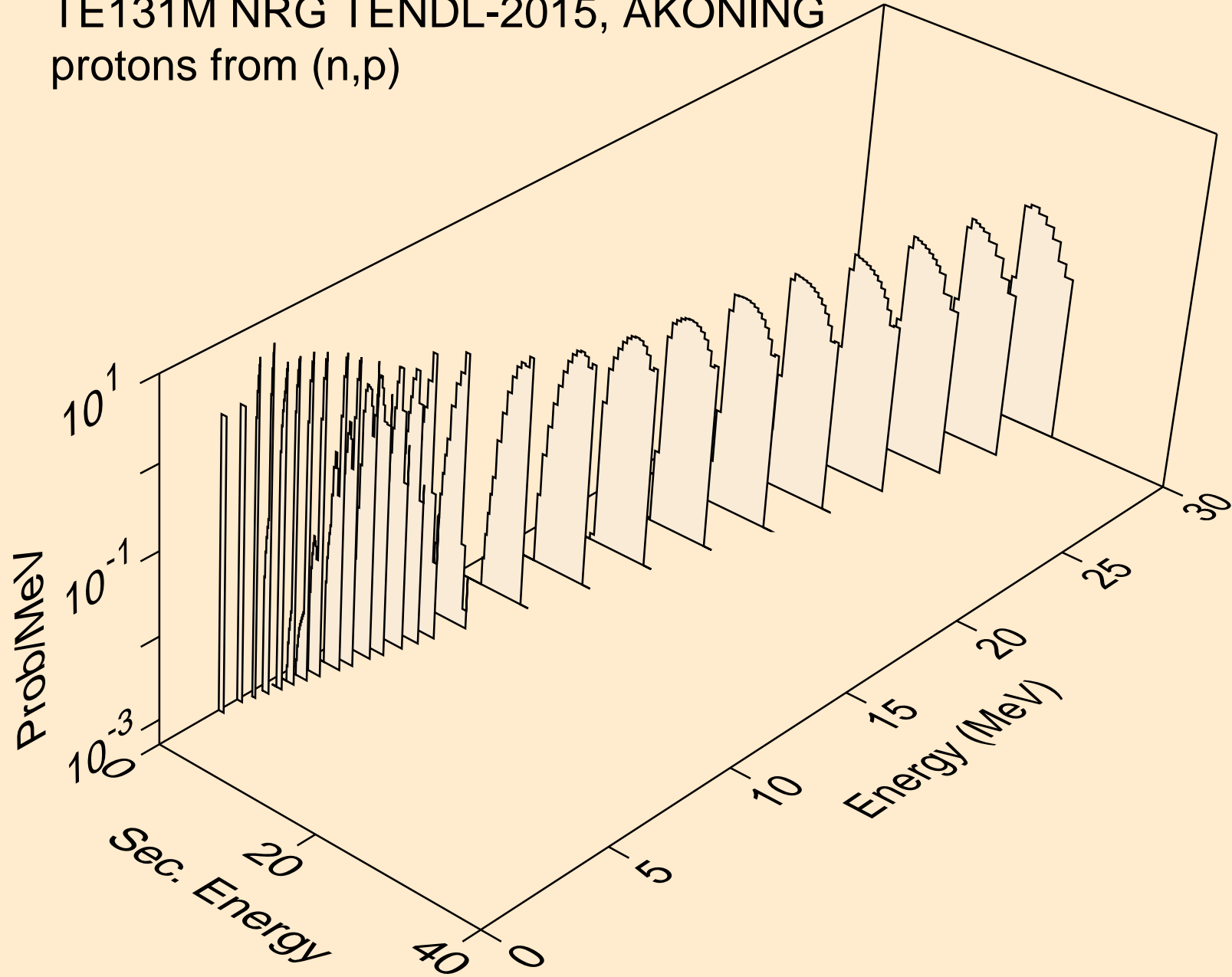
TE131M NRG TENDL-2015, AKONING  
protons from (n,3np)



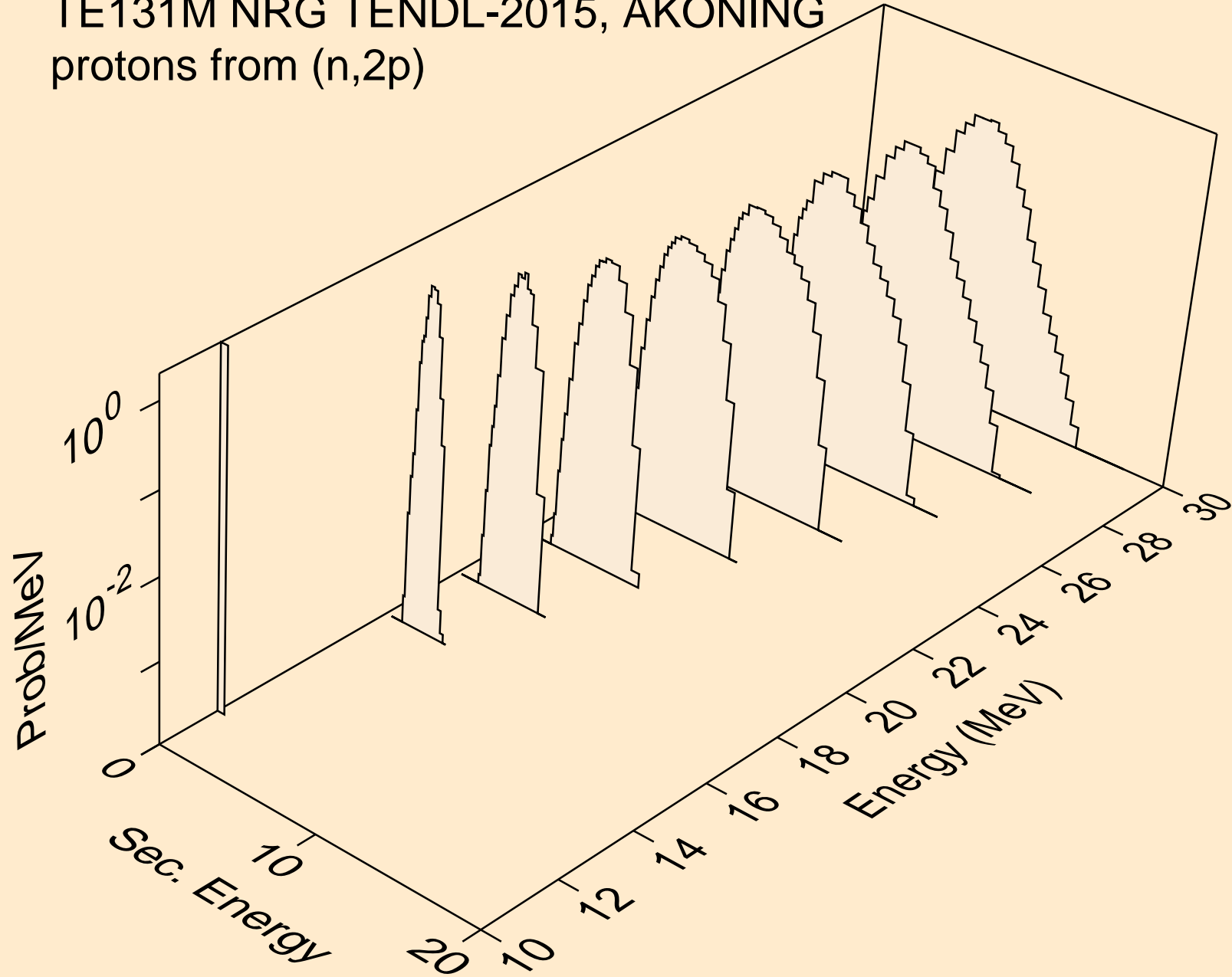
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protons from (n,2np)



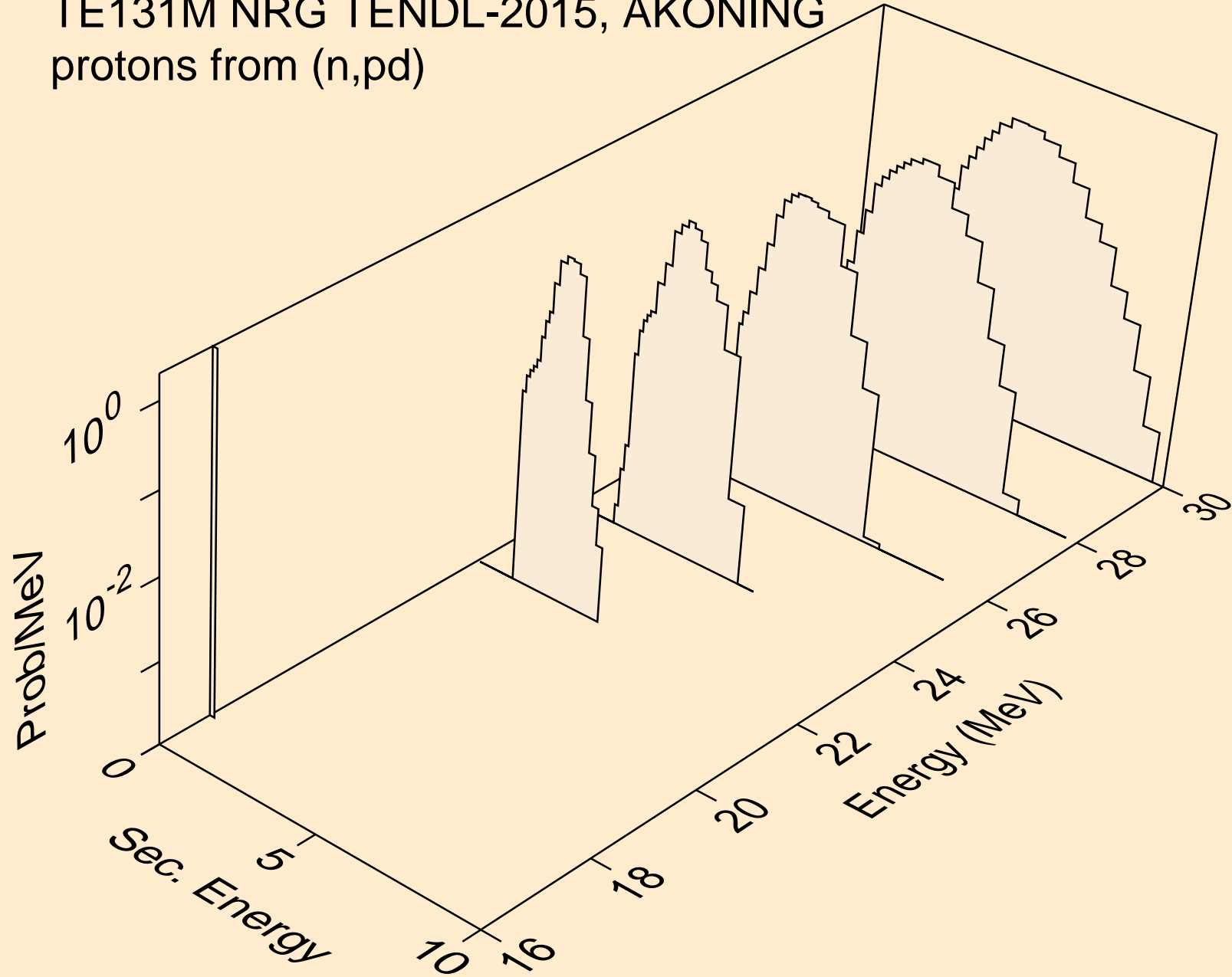
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protons from (n,p)



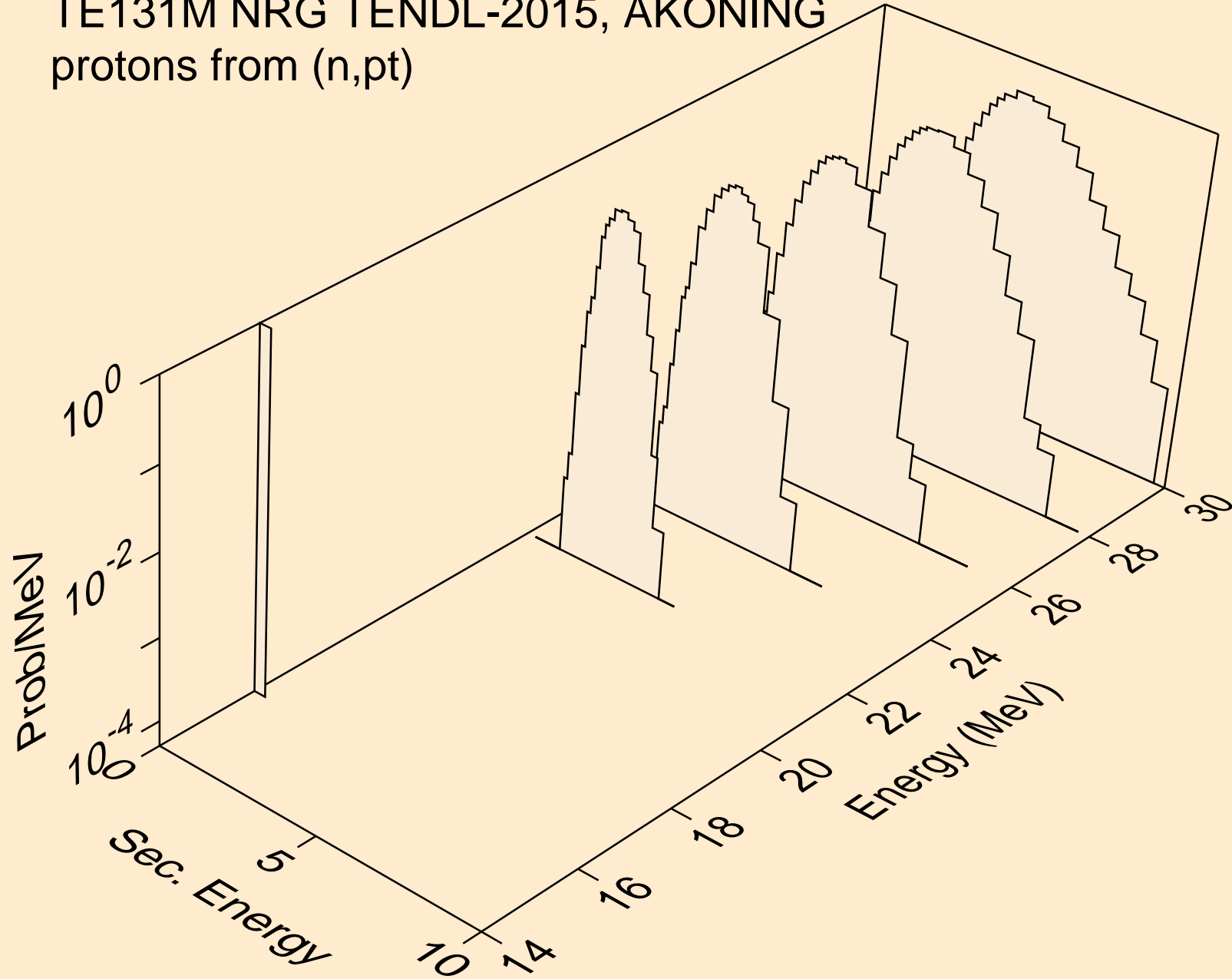
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protons from (n,2p)



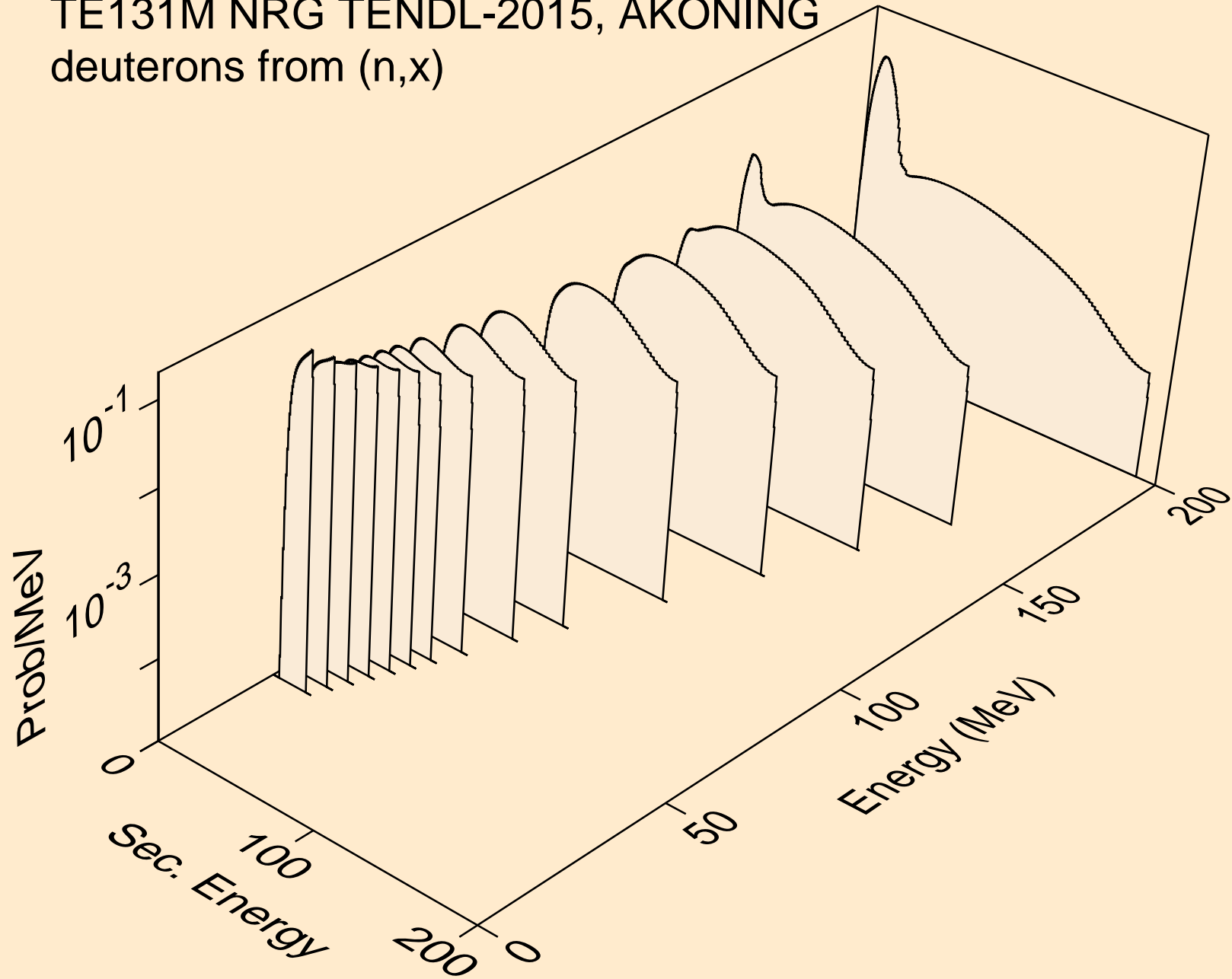
TE131M NRG TENDL-2015, AKONING  
protons from (n,pd)



TE131M NRG TENDL-2015, AKONING  
protons from (n,pt)

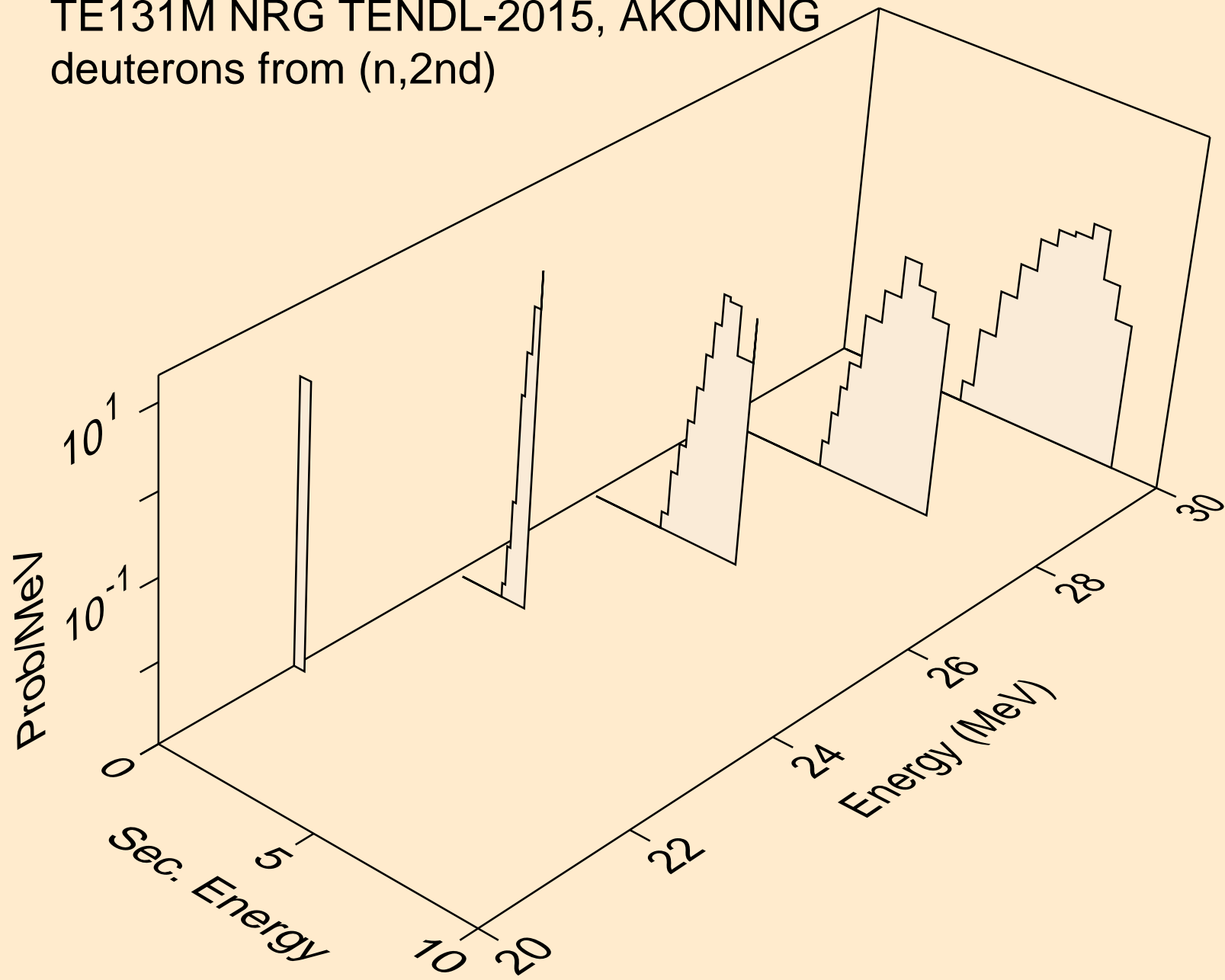


TE131M NRG TENDL-2015, AKONING  
deuterons from (n,x)

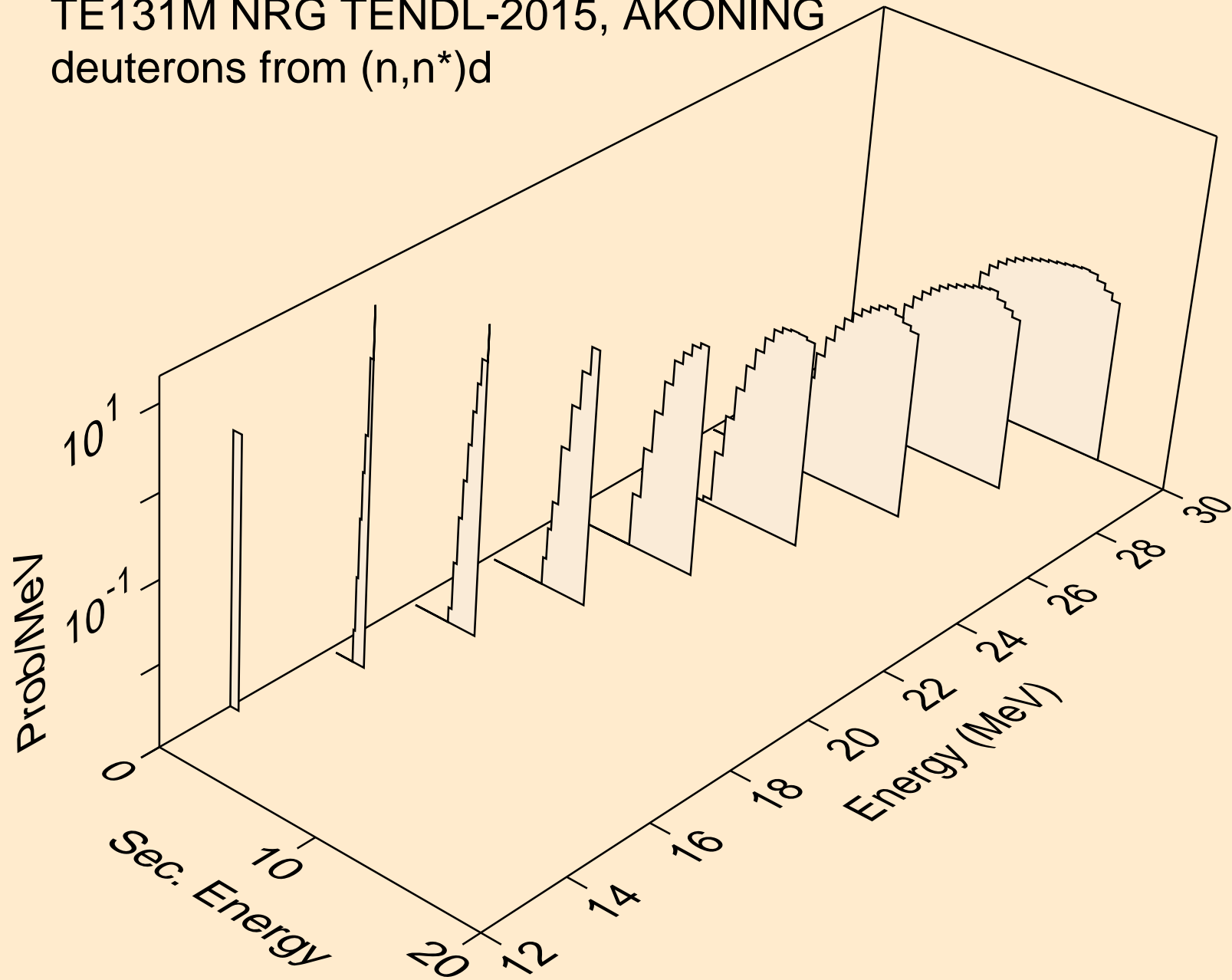




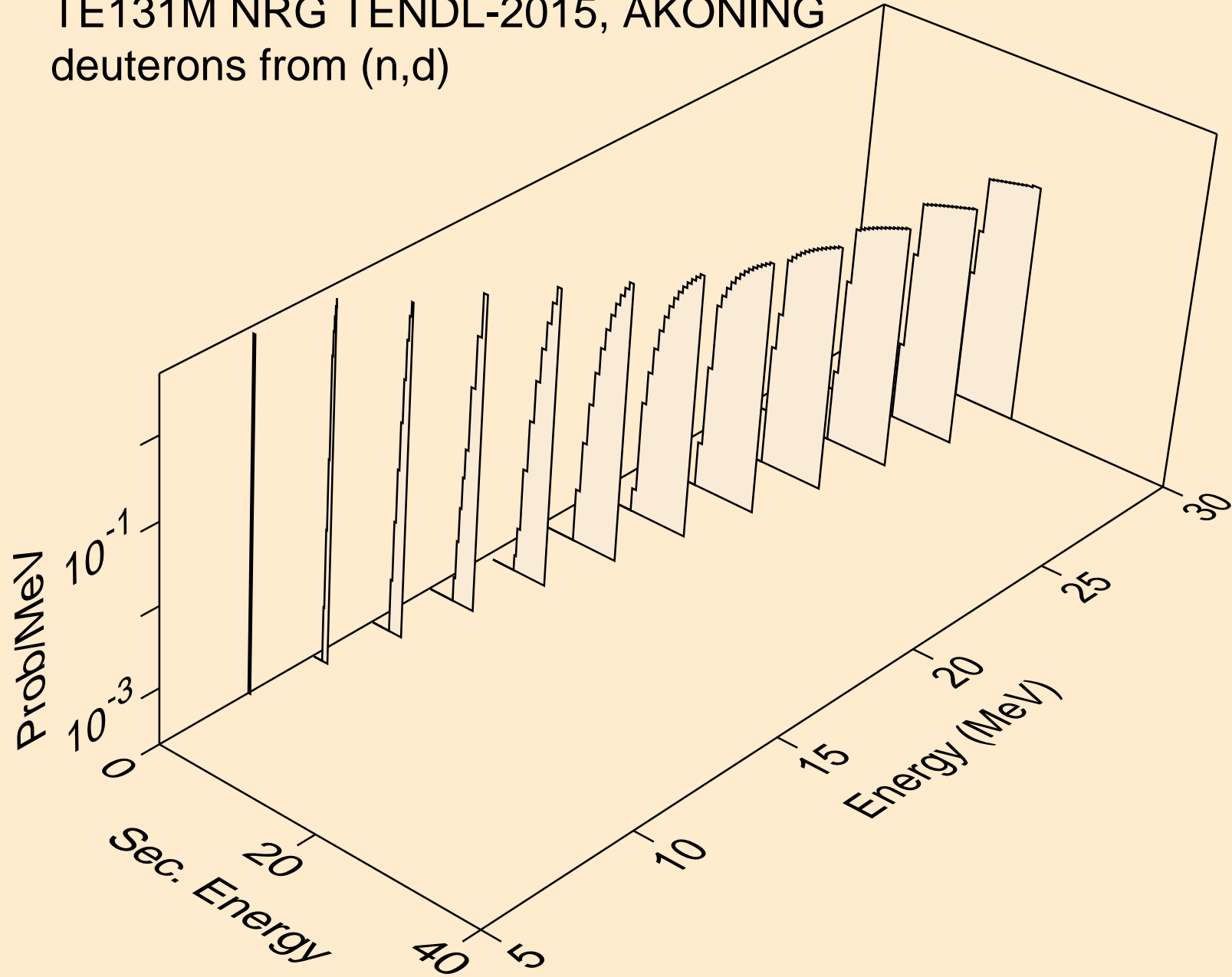
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deuterons from (n,2nd)



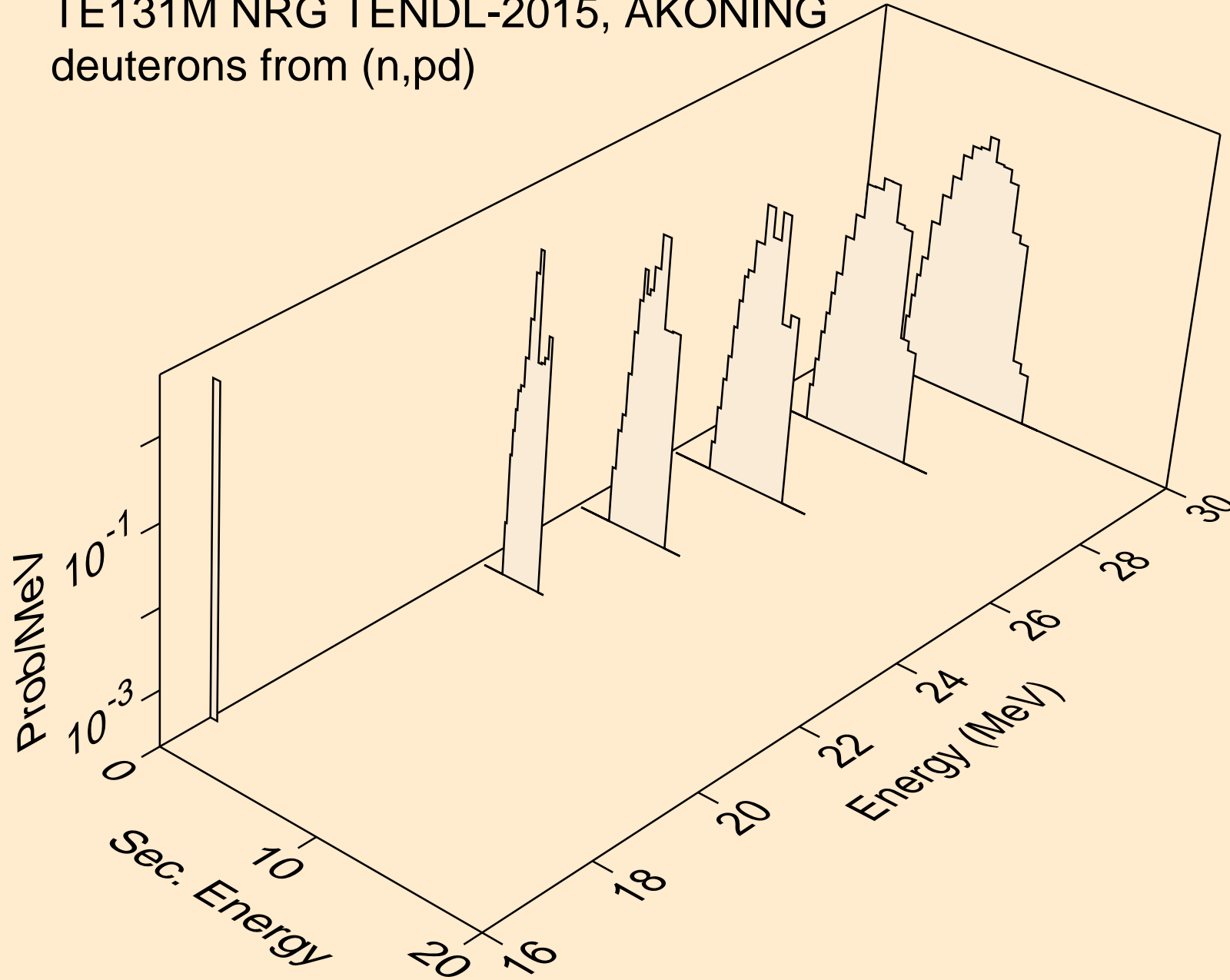
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deuterons from (n,n\*)d



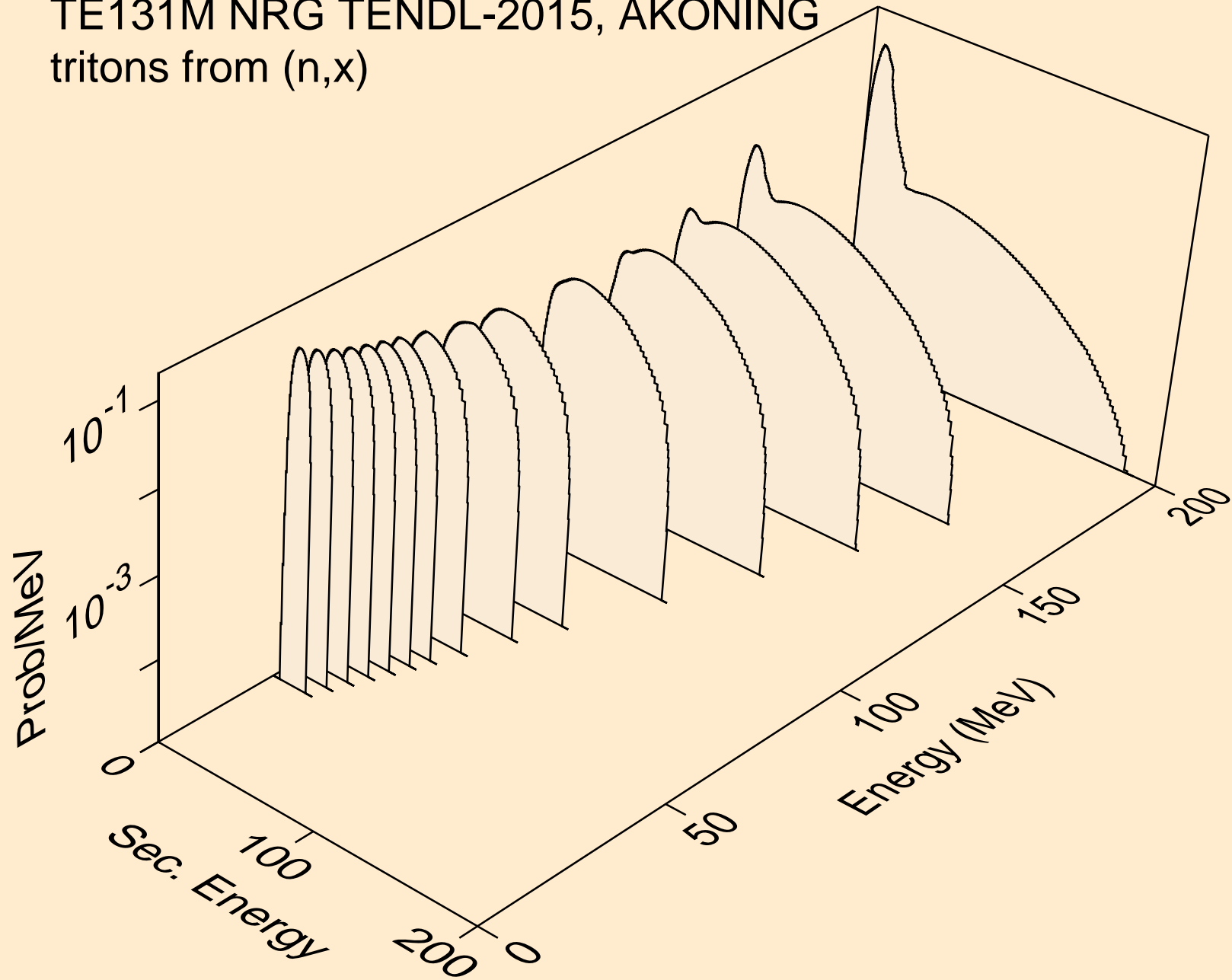
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deuterons from (n,d)



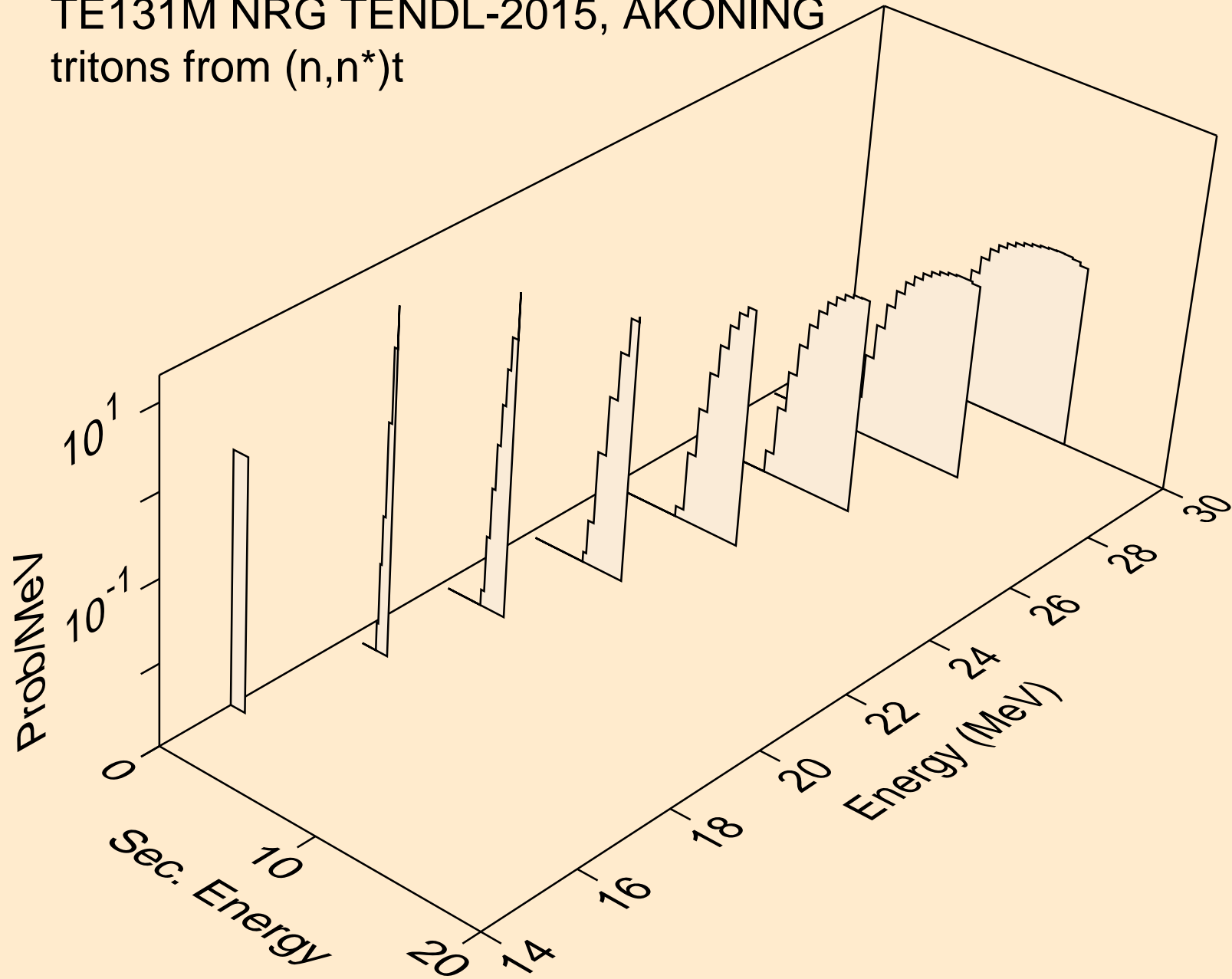
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deuterons from (n,pd)



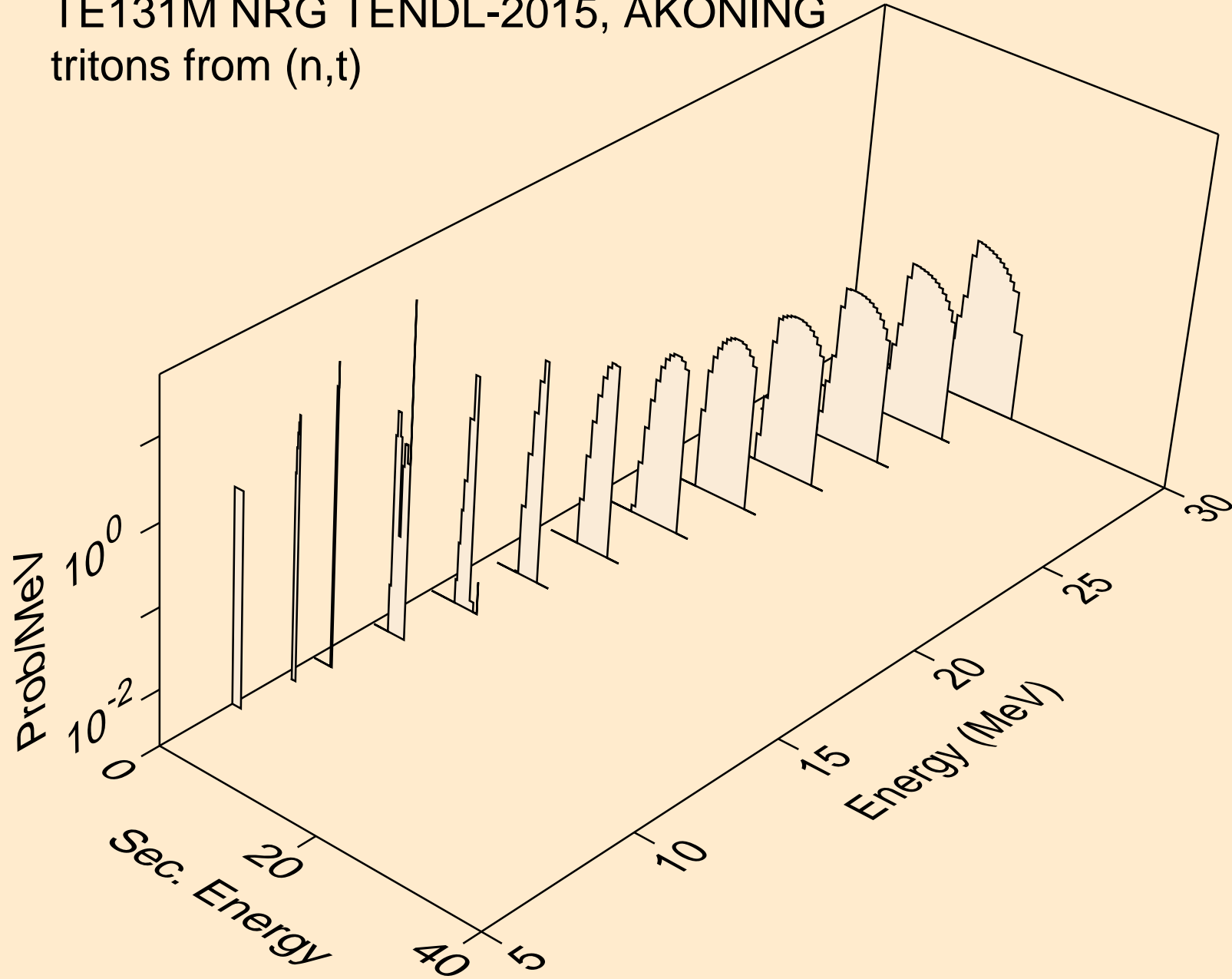
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tritons from (n,x)



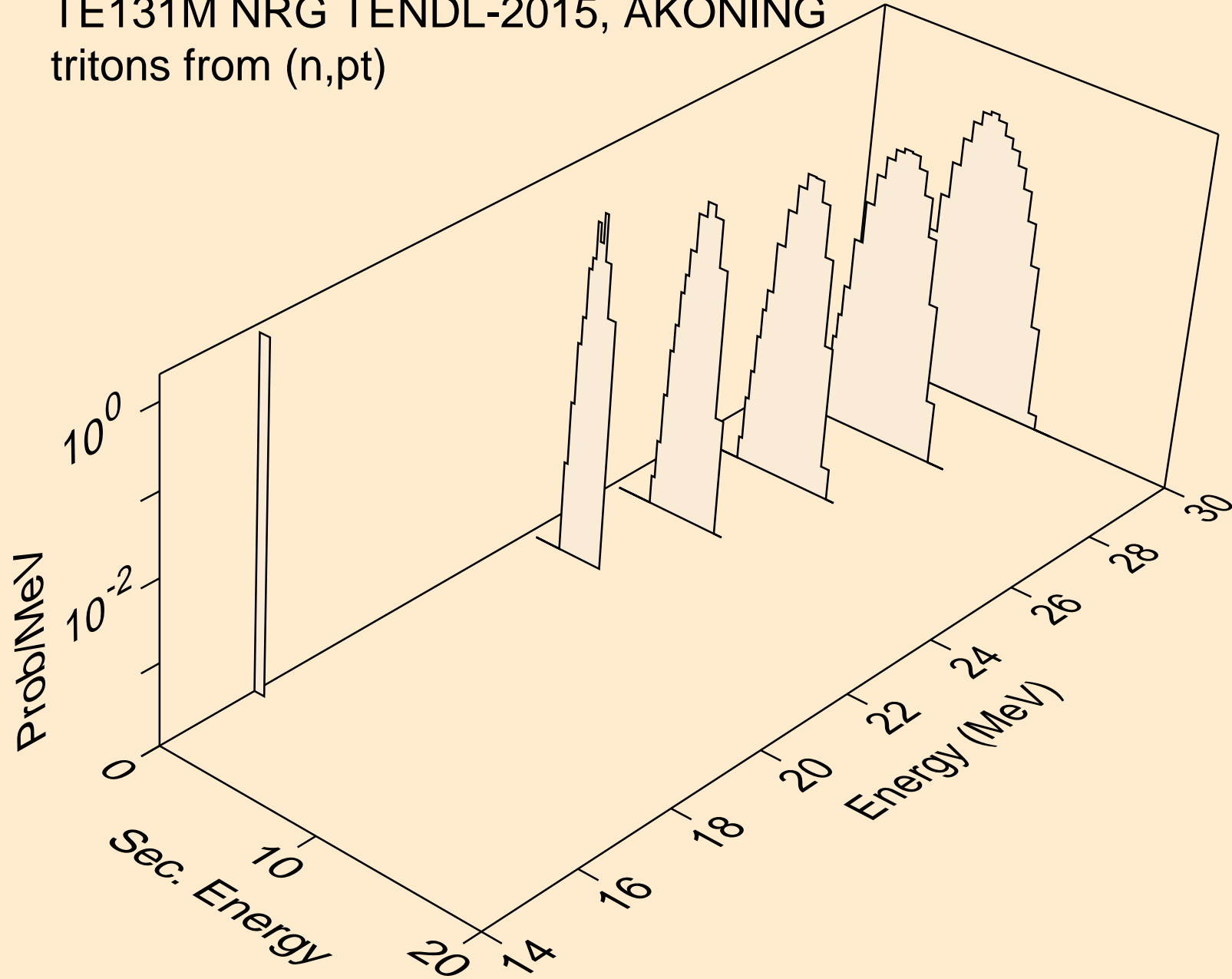
TE131M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



TE131M NRG TENDL-2015, AKONING  
tritons from (n,t)

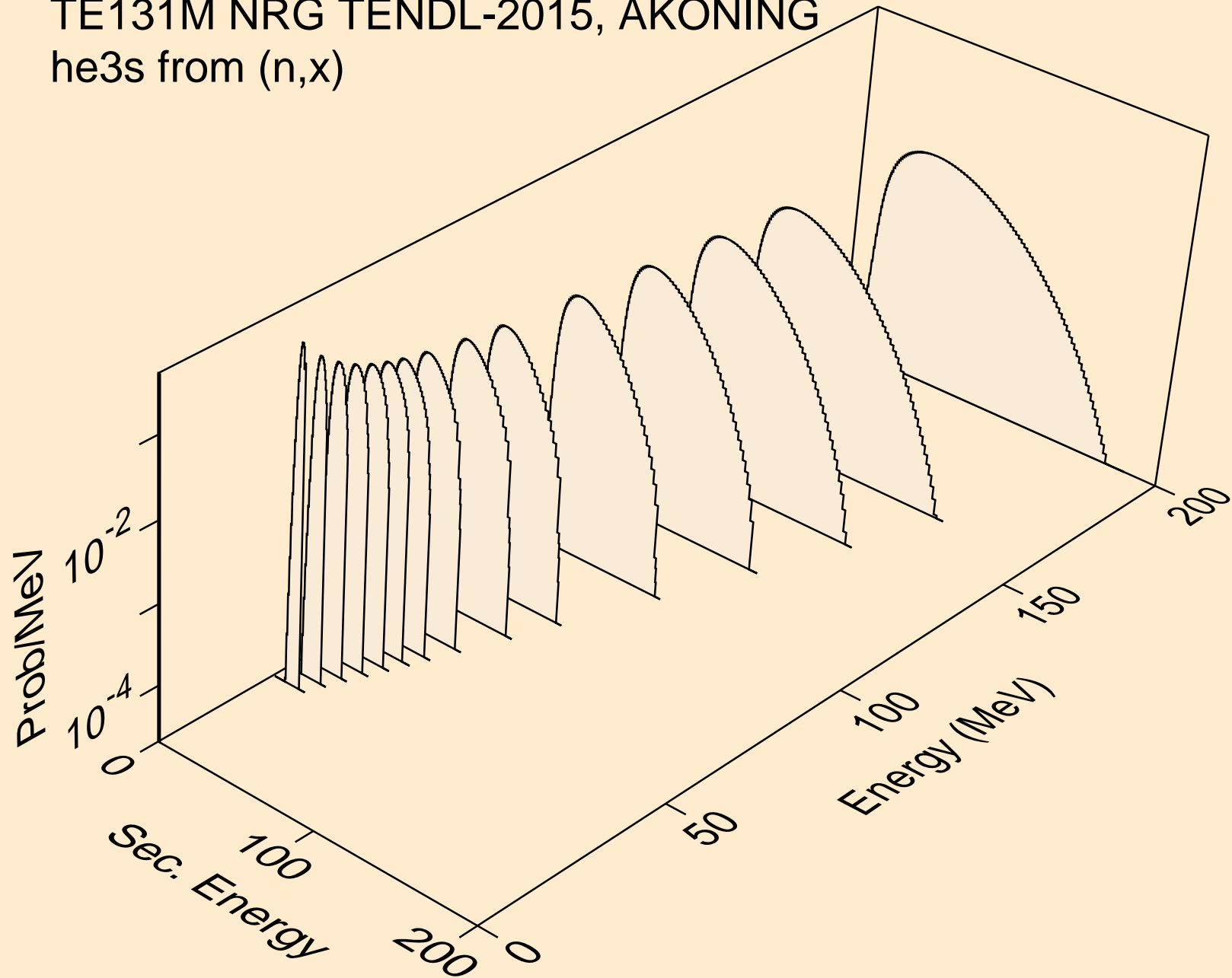


TE131M NRG TENDL-2015, AKONING  
tritons from (n,pt)

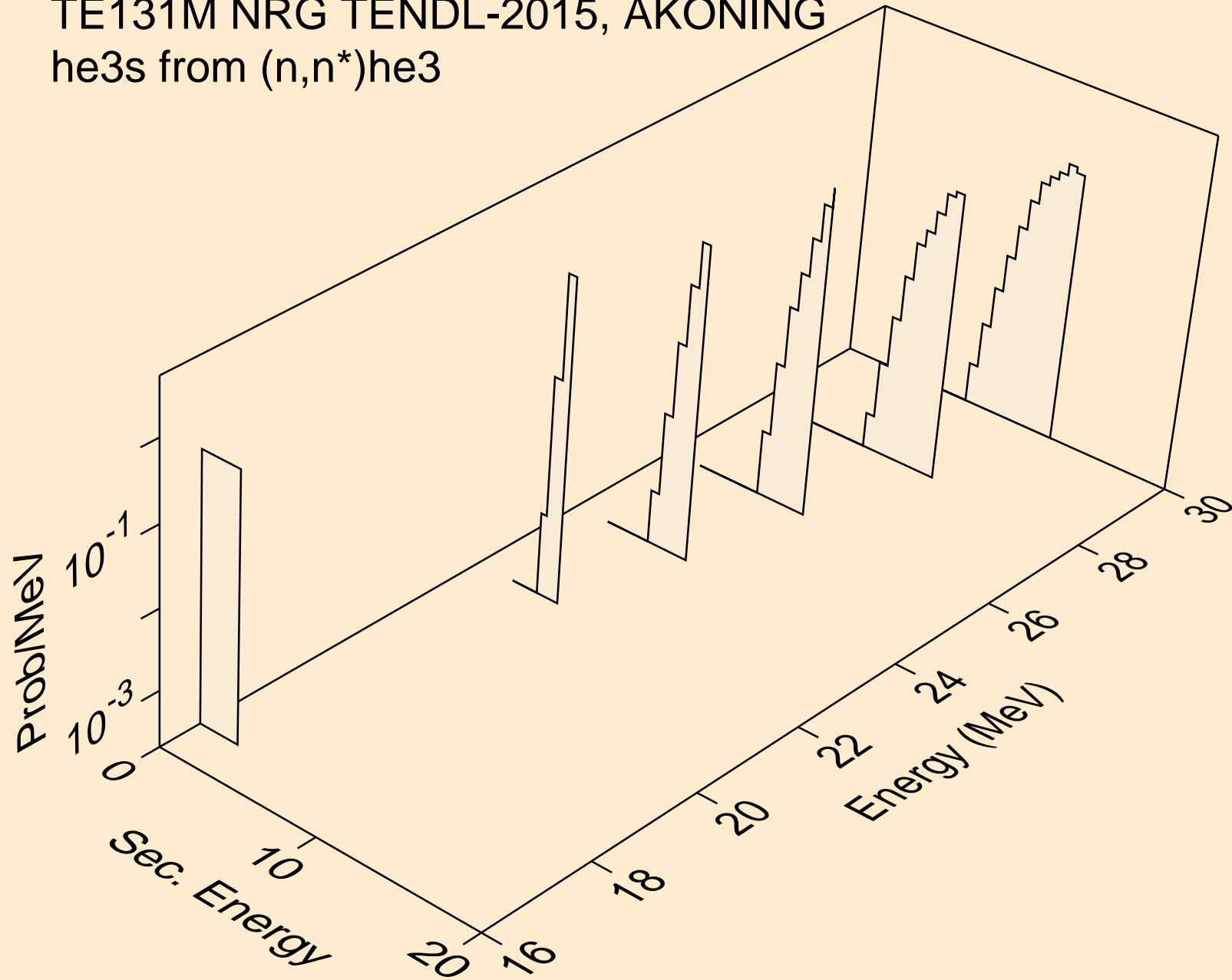




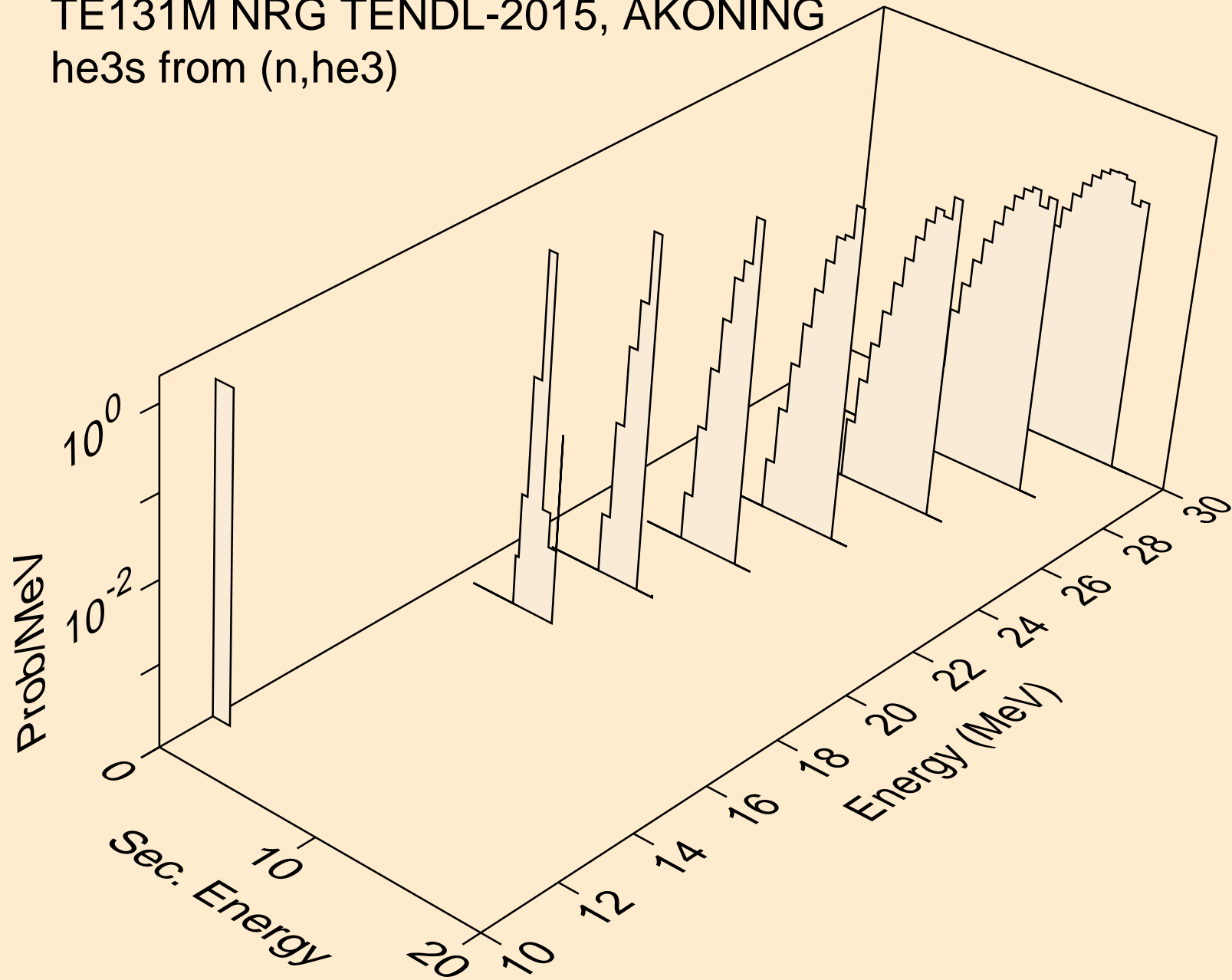
TE131M NRG TENDL-2015, AKONING  
he3s from (n,x)



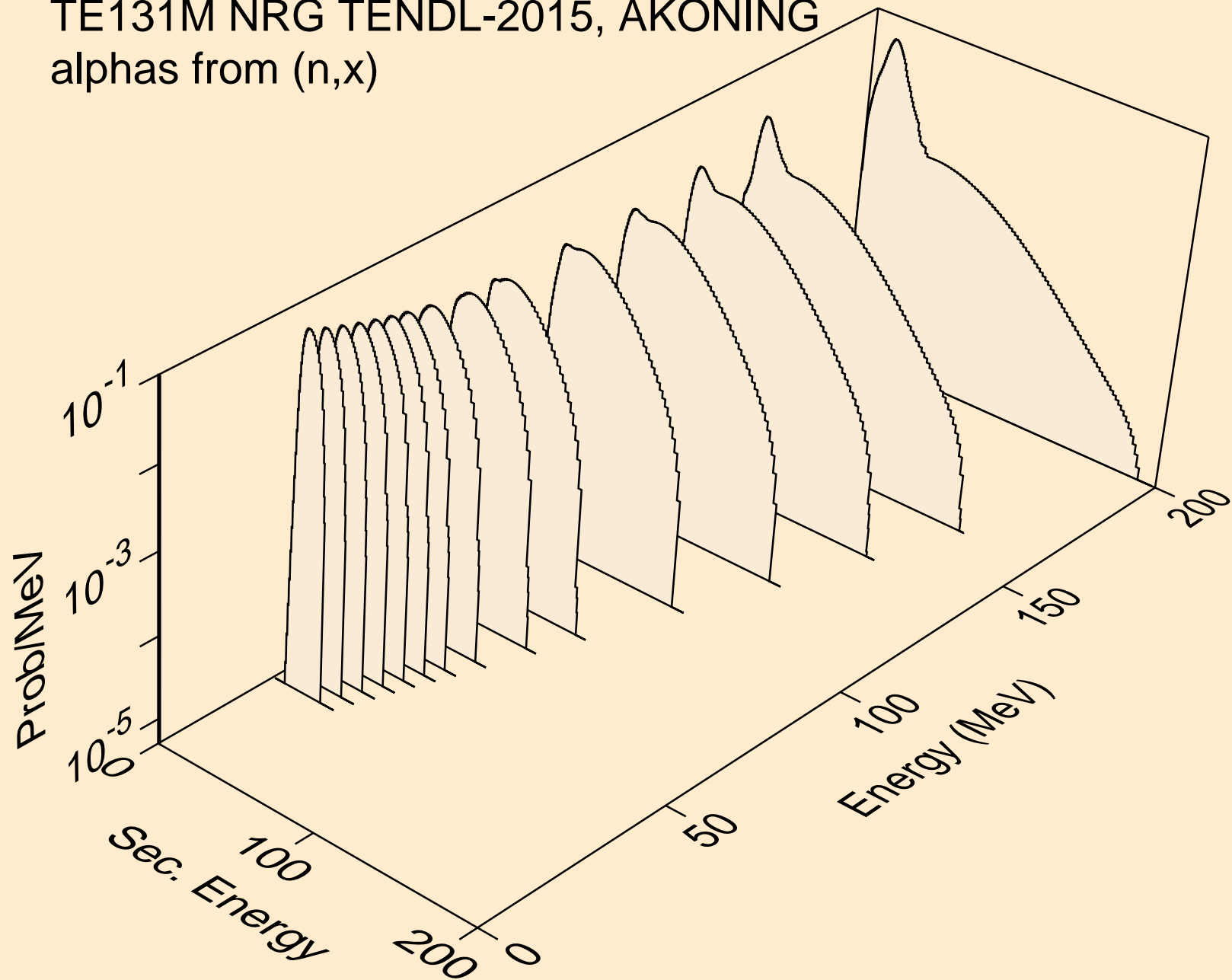
TE131M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



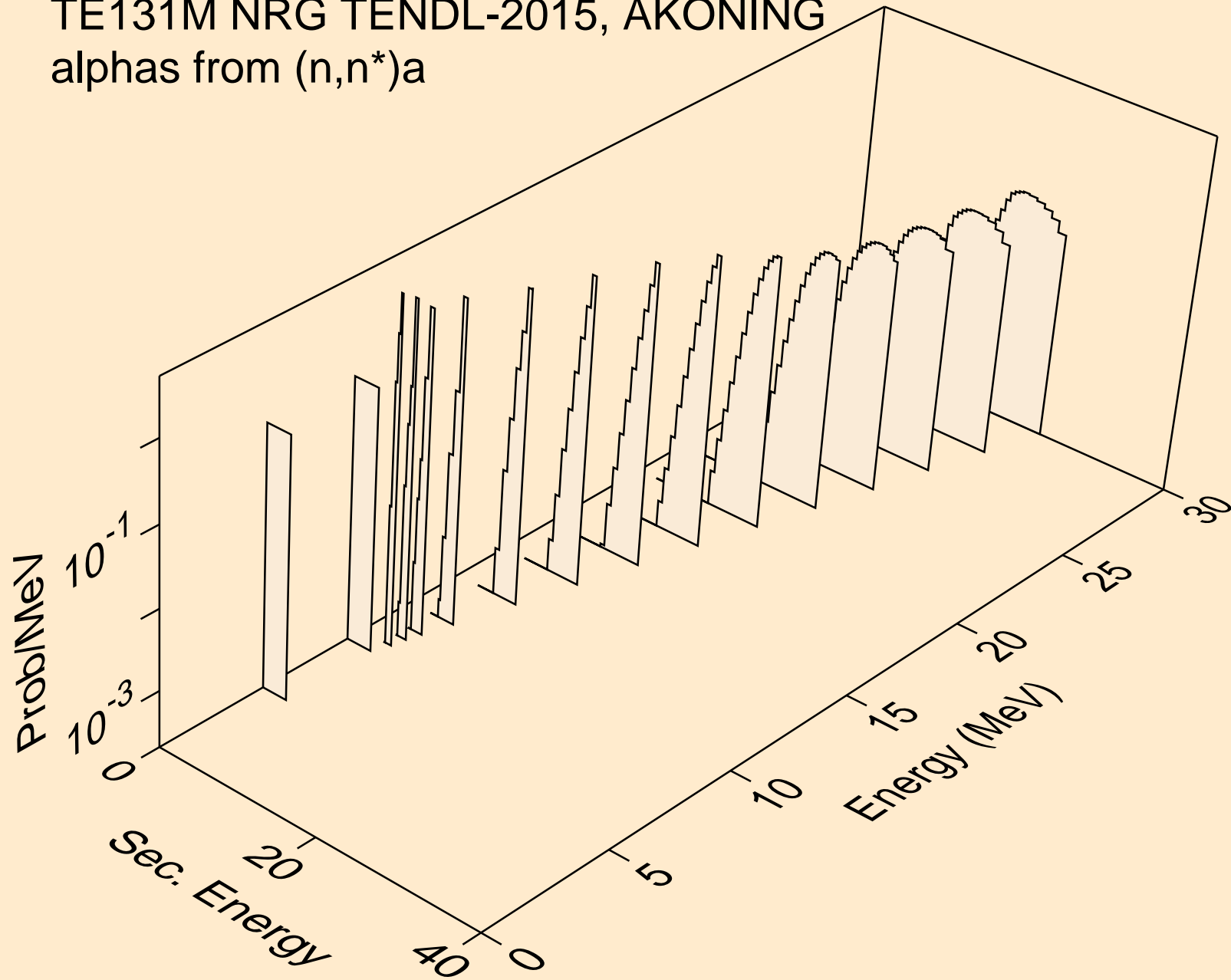
TE131M NRG TENDL-2015, AKONING  
he3s from (n,he3)



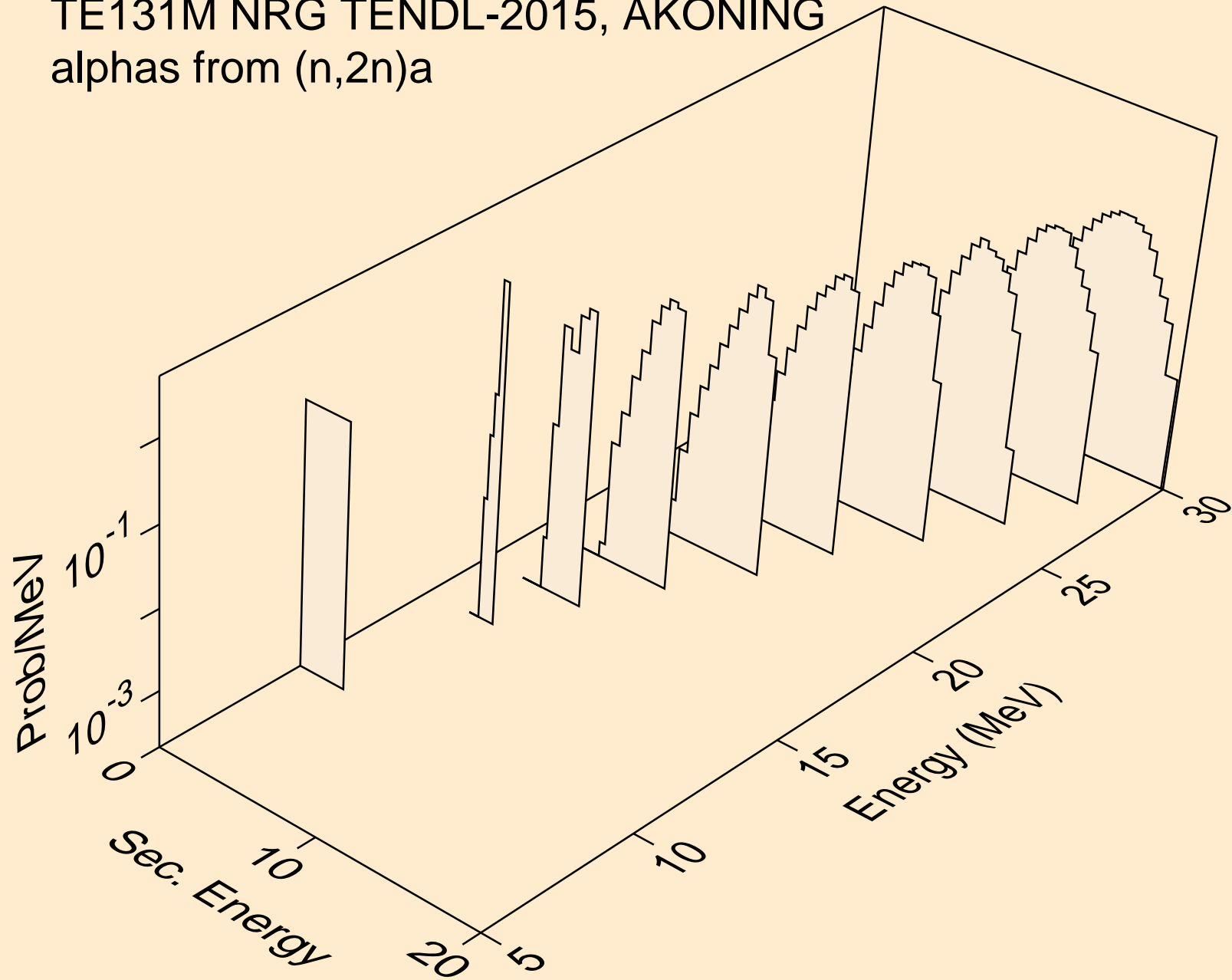
TE131M NRG TENDL-2015, AKONING  
alphas from (n,x)



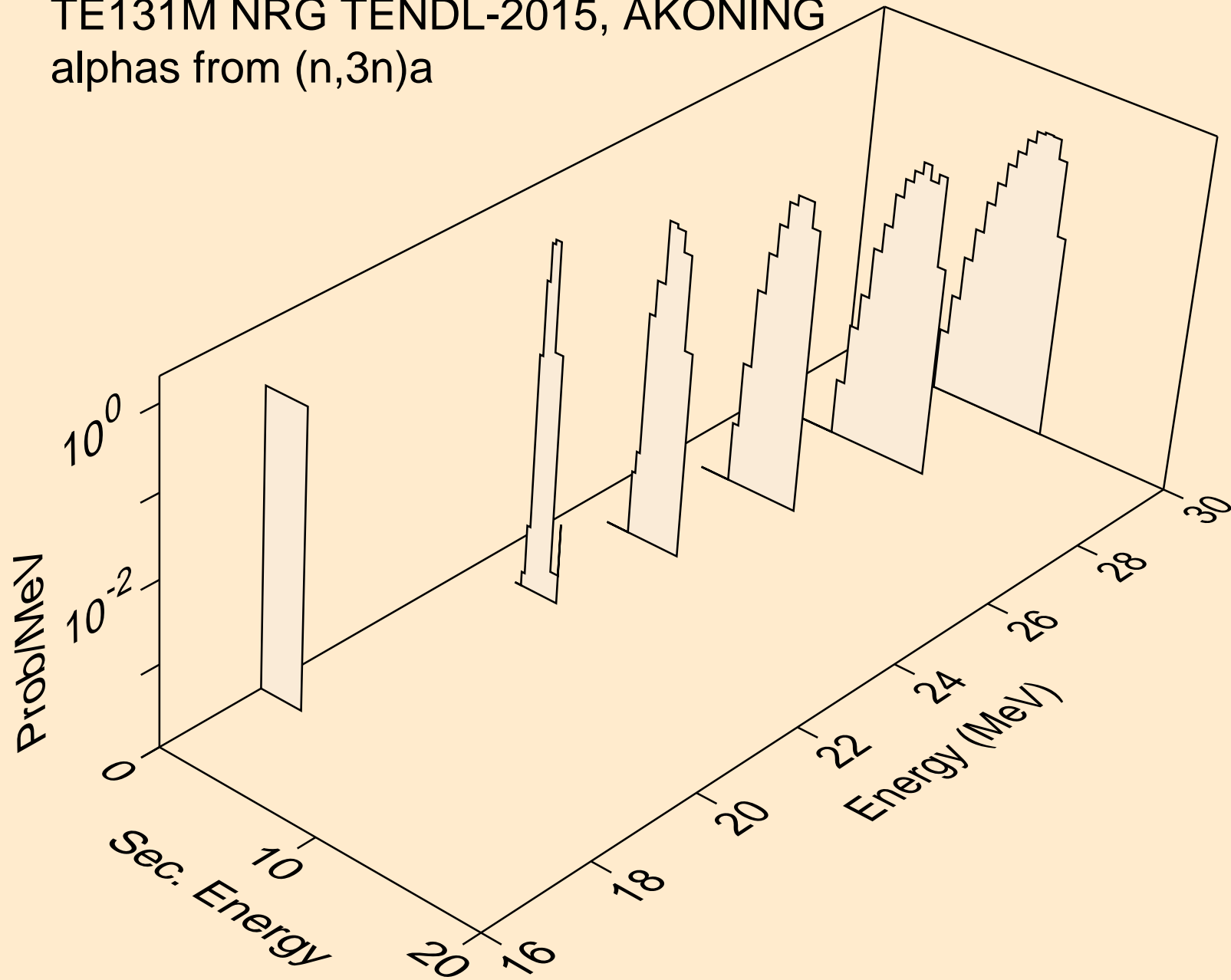
TE131M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TE131M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



TE131M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



TE131M NRG TENDL-2015, AKONING  
alphas from (n,a)

