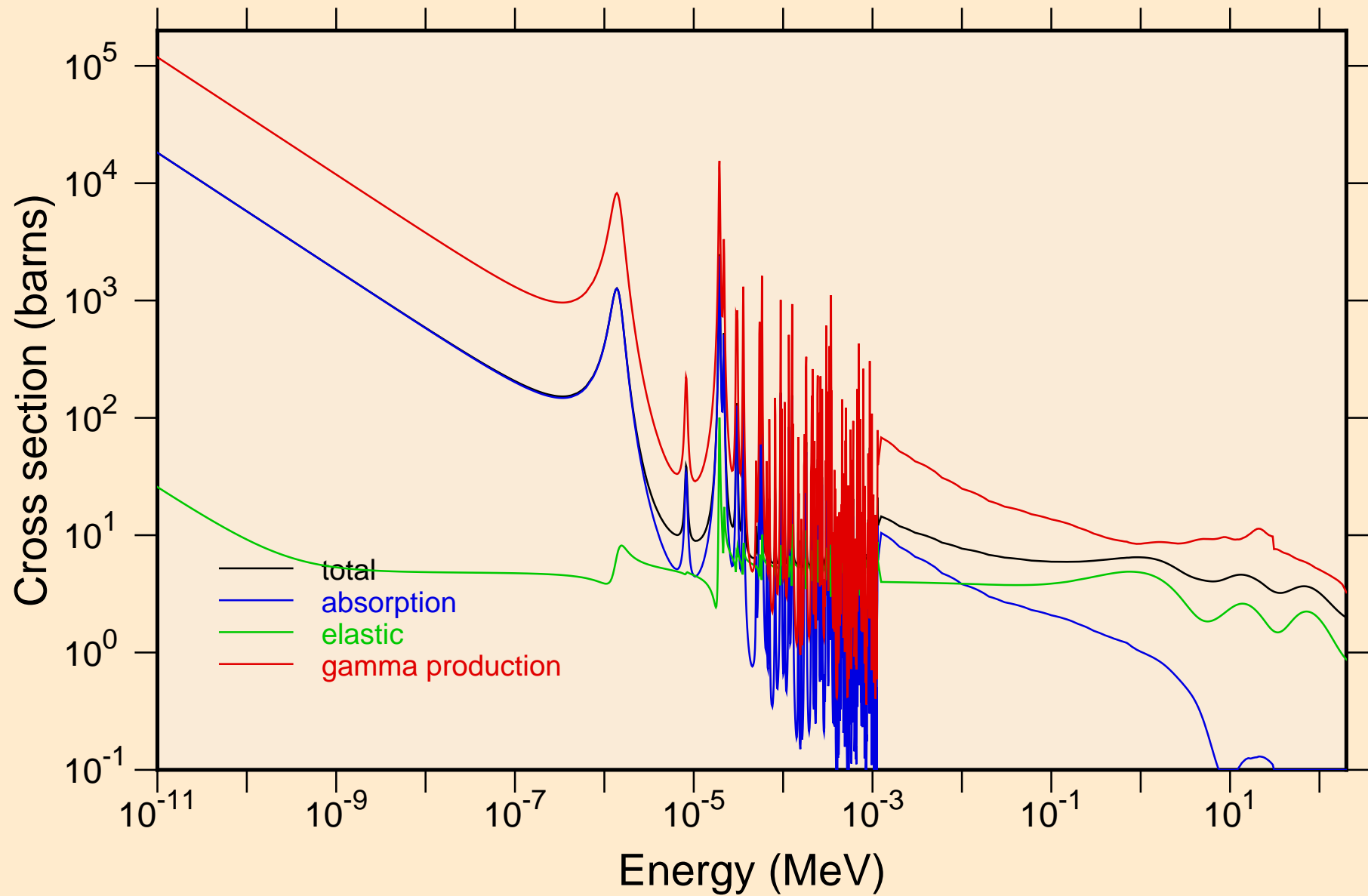
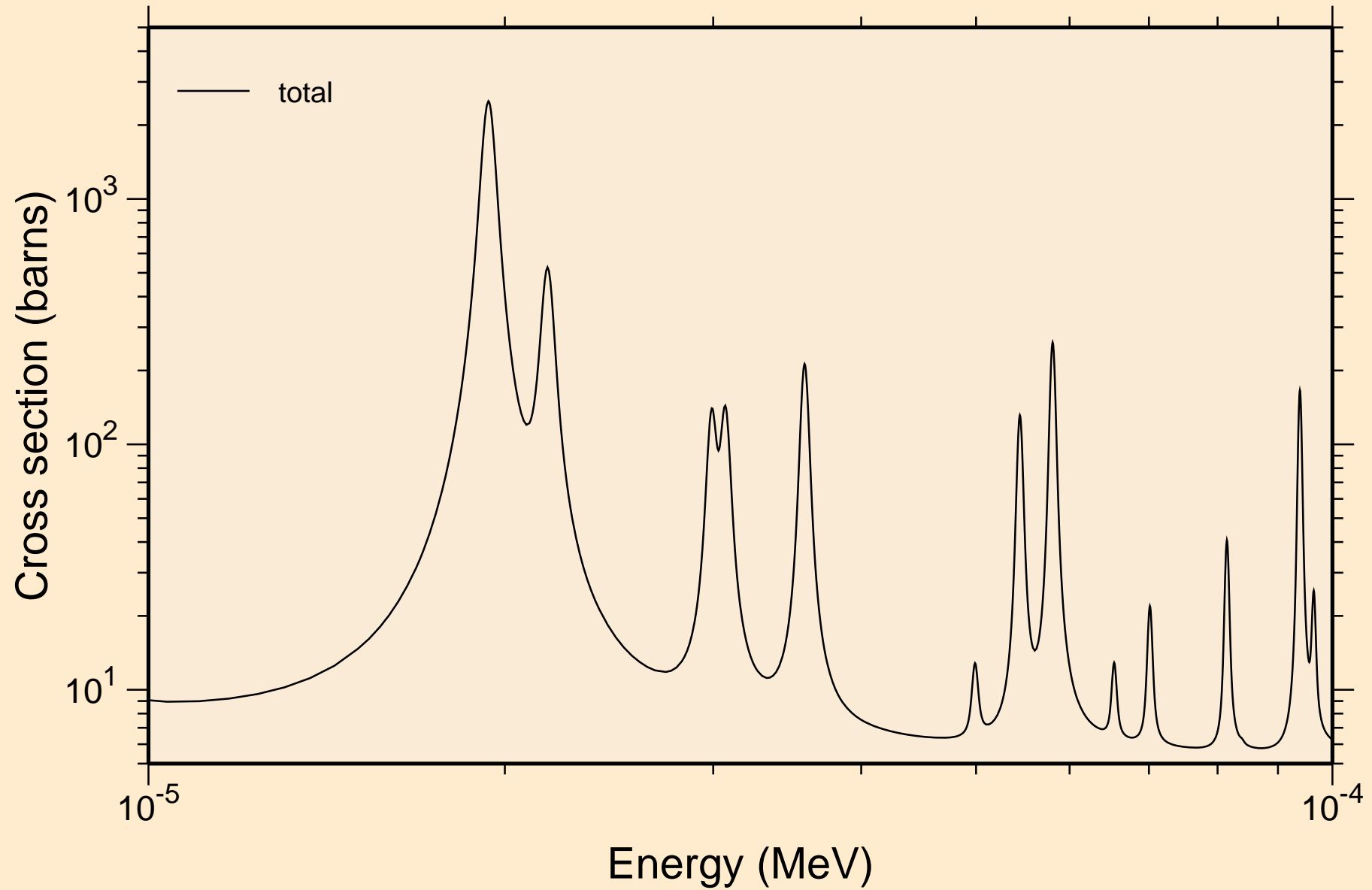


# TE119M NRG TENDL-2015, AKONING

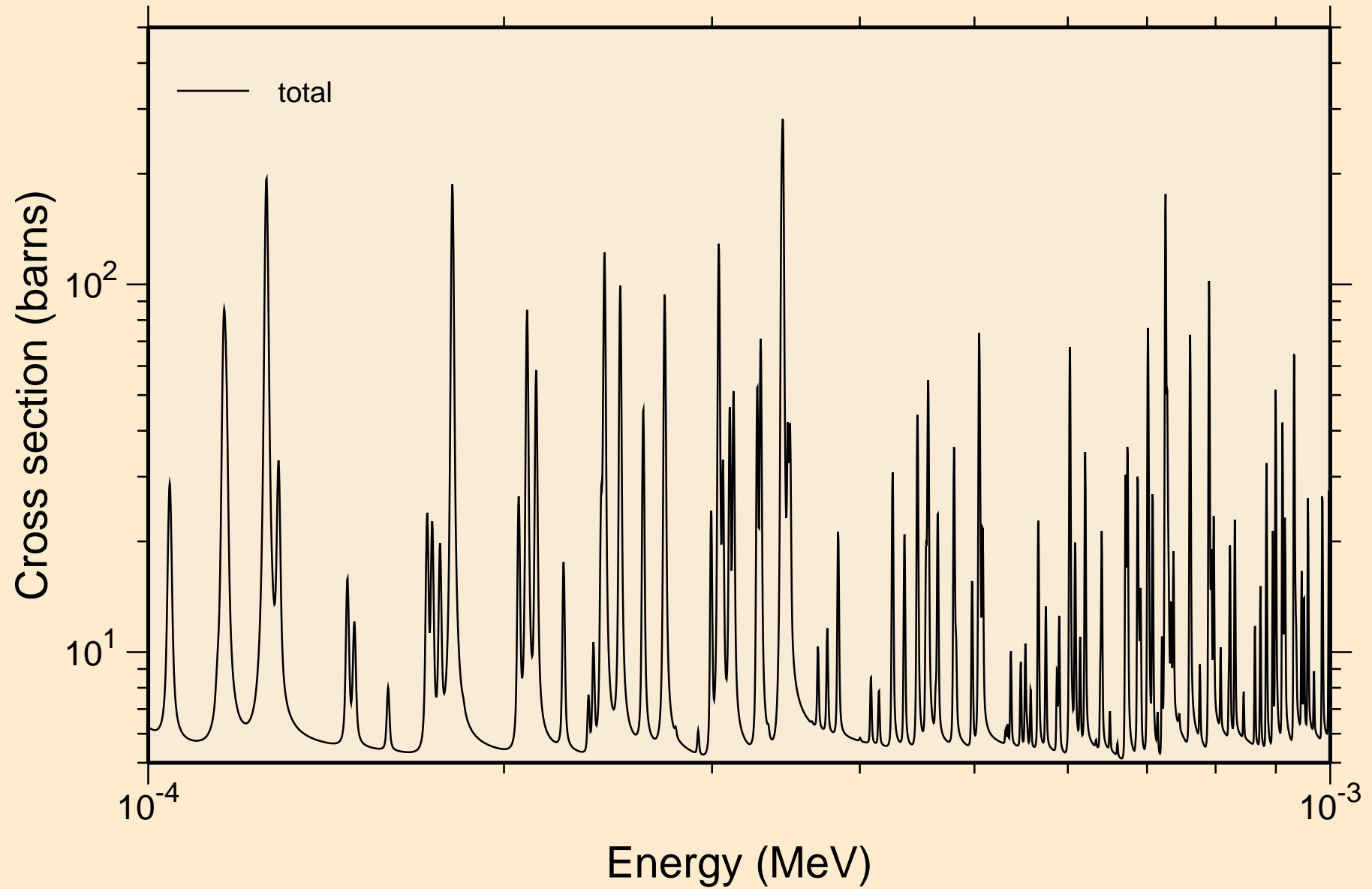
## Principal cross sections



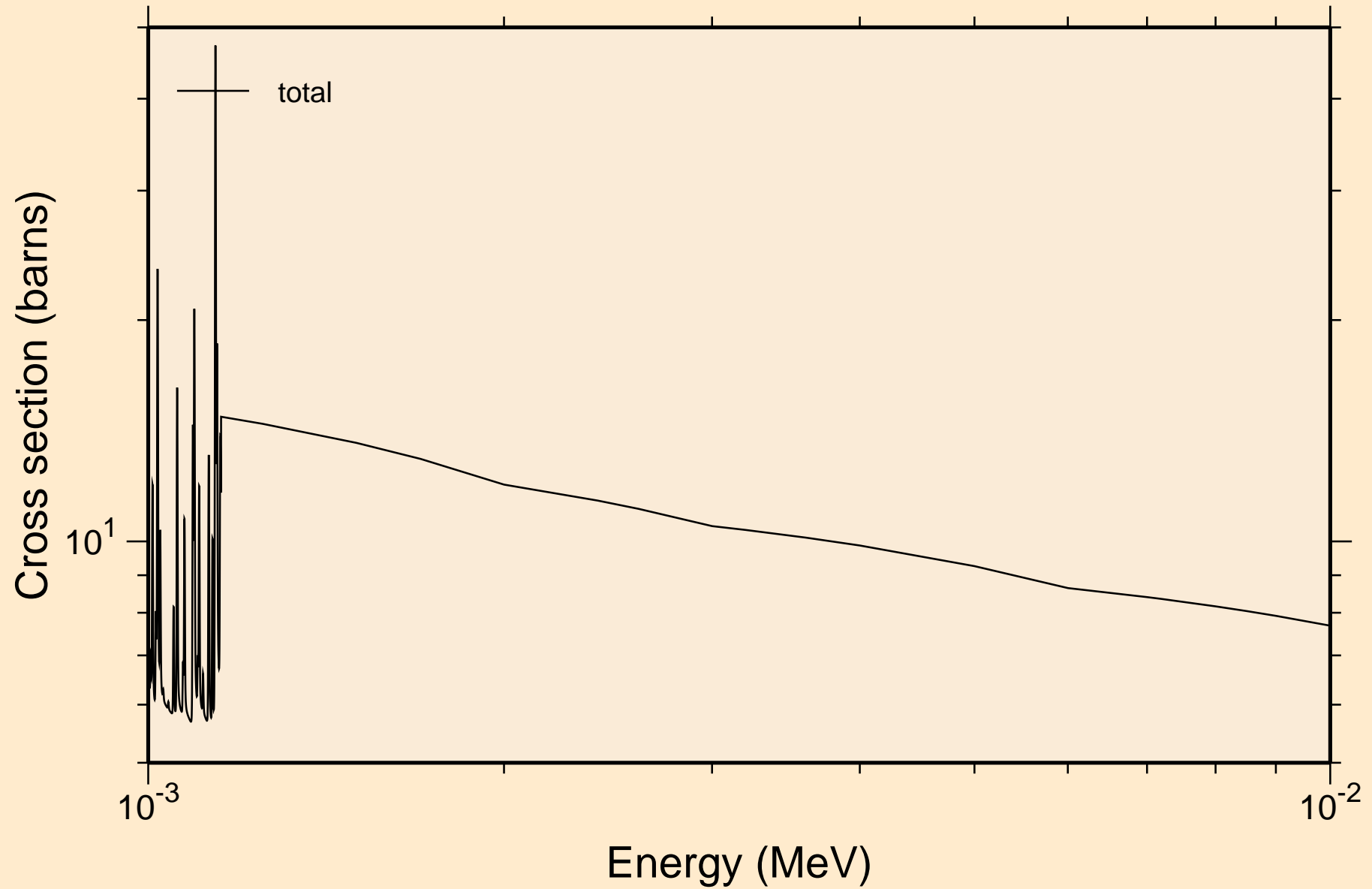
TE119M NRG TENDL-2015, AKONING  
resonance total cross section



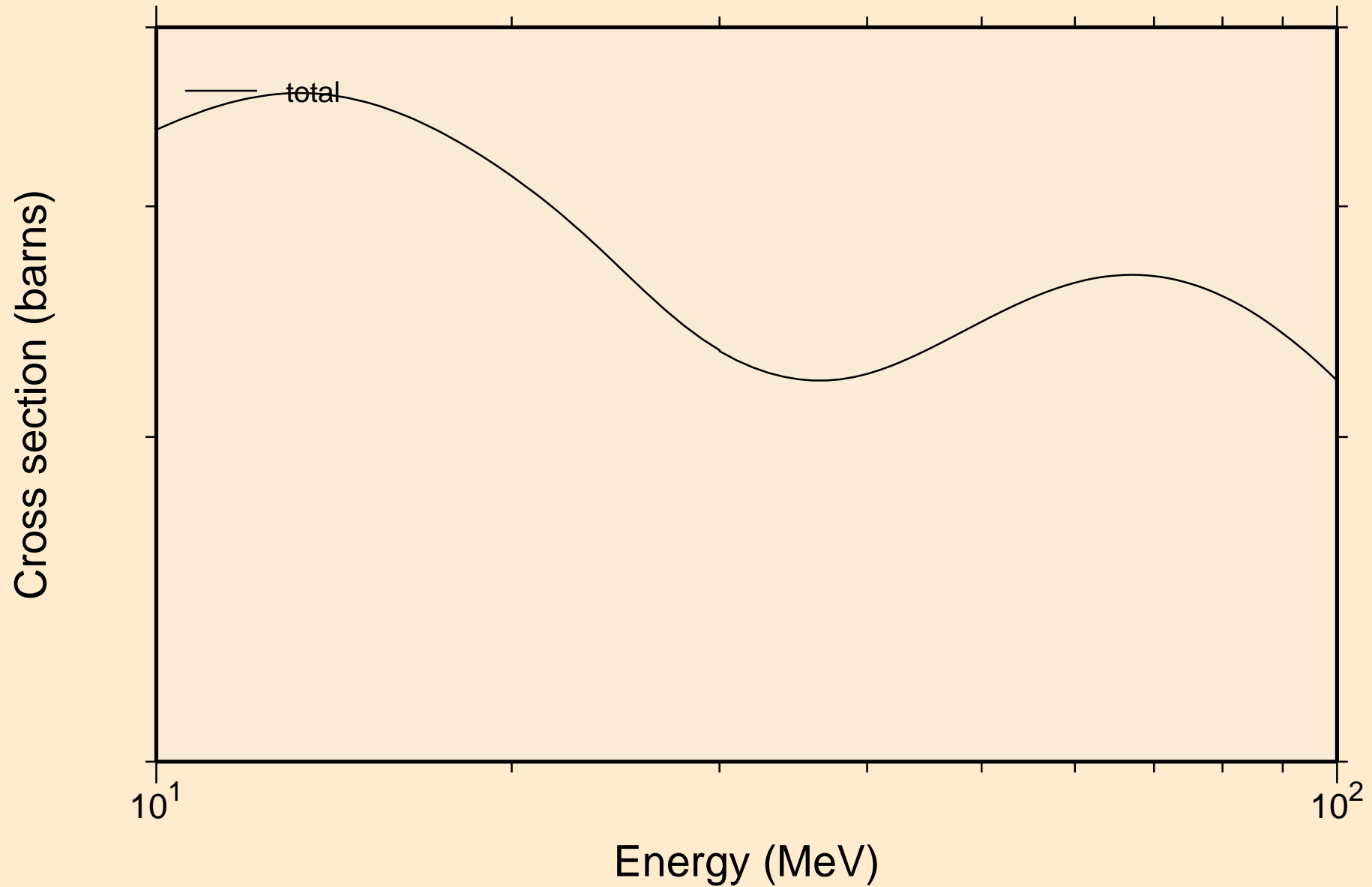
TE119M NRG TENDL-2015, AKONING  
resonance total cross section



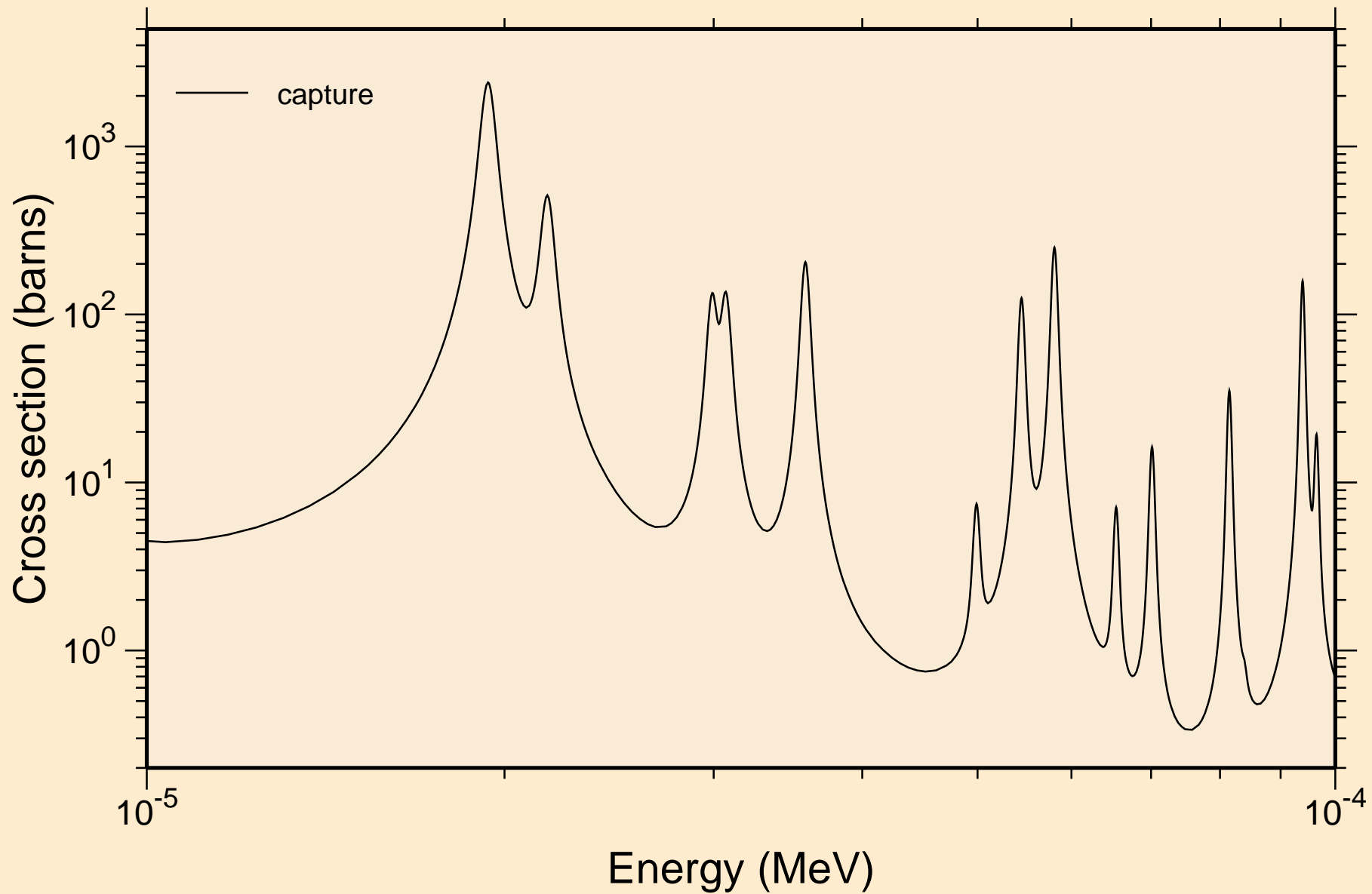
TE119M NRG TENDL-2015, AKONING  
resonance total cross section



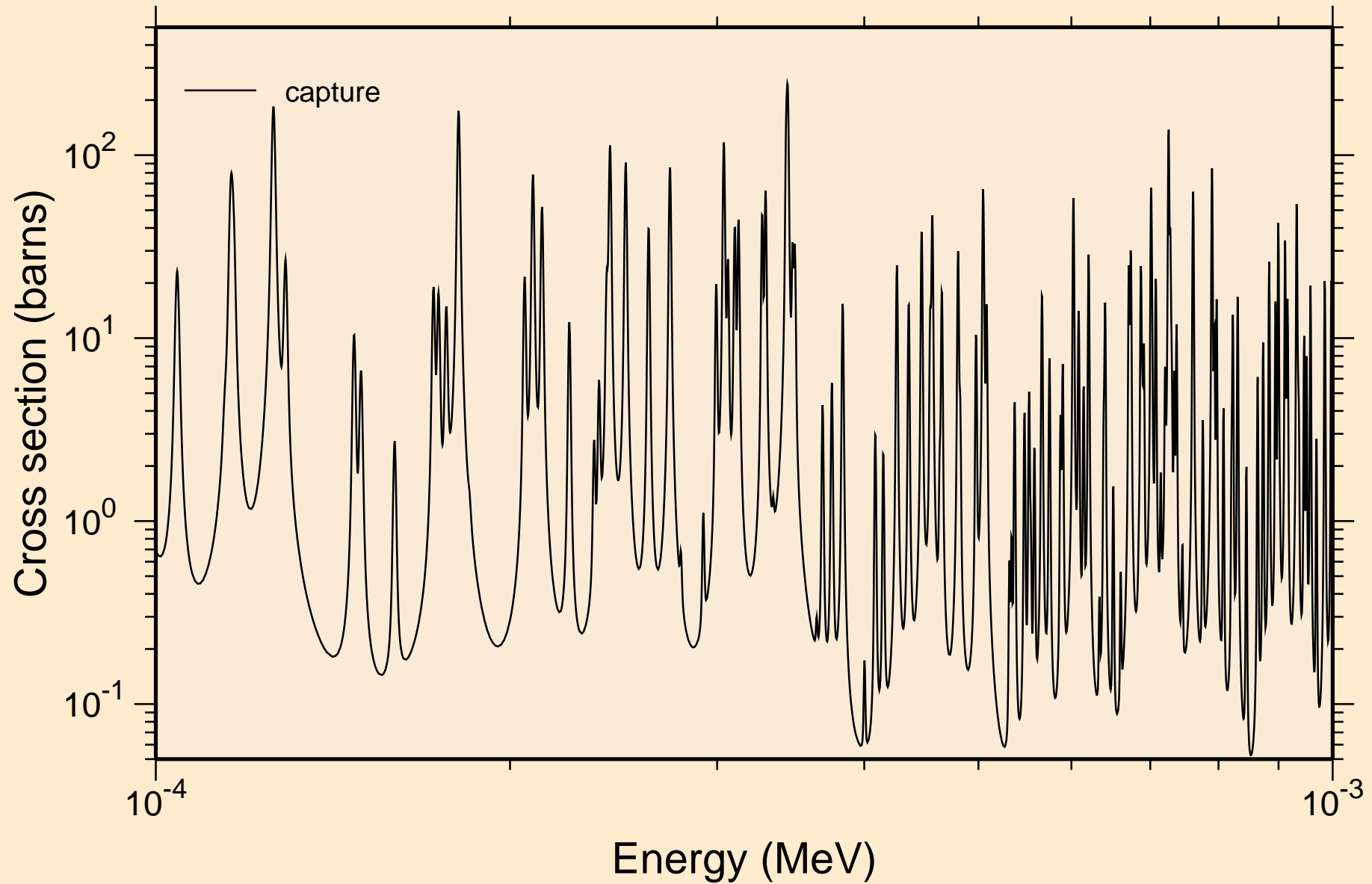
T̄E119M NRG TENDL-2015, AKONING  
resonance total cross section



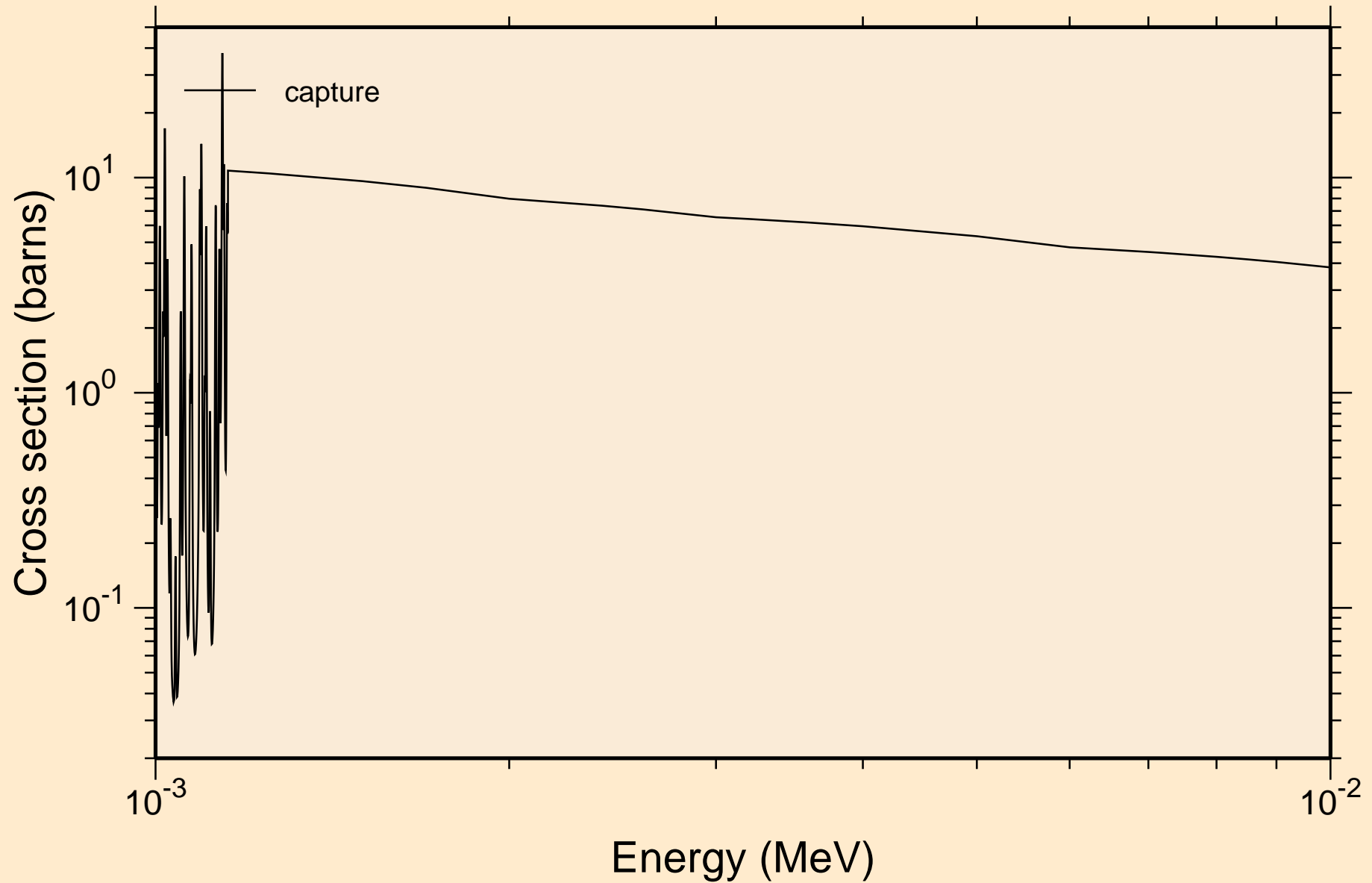
TE119M NRG TENDL-2015, AKONING  
resonance absorption cross sections



TE119M NRG TENDL-2015, AKONING  
resonance absorption cross sections

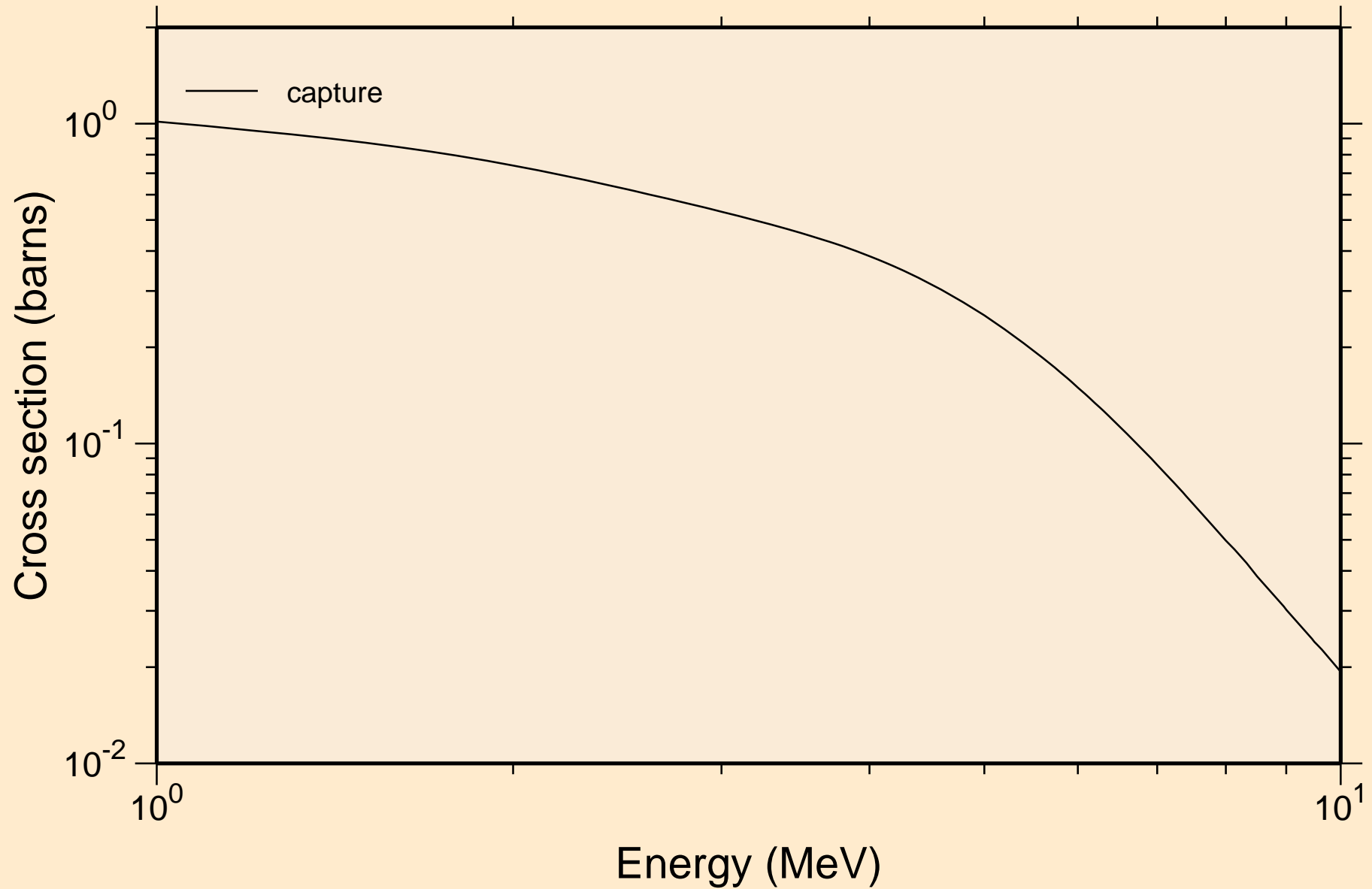


TE119M NRG TENDL-2015, AKONING  
resonance absorption cross sections



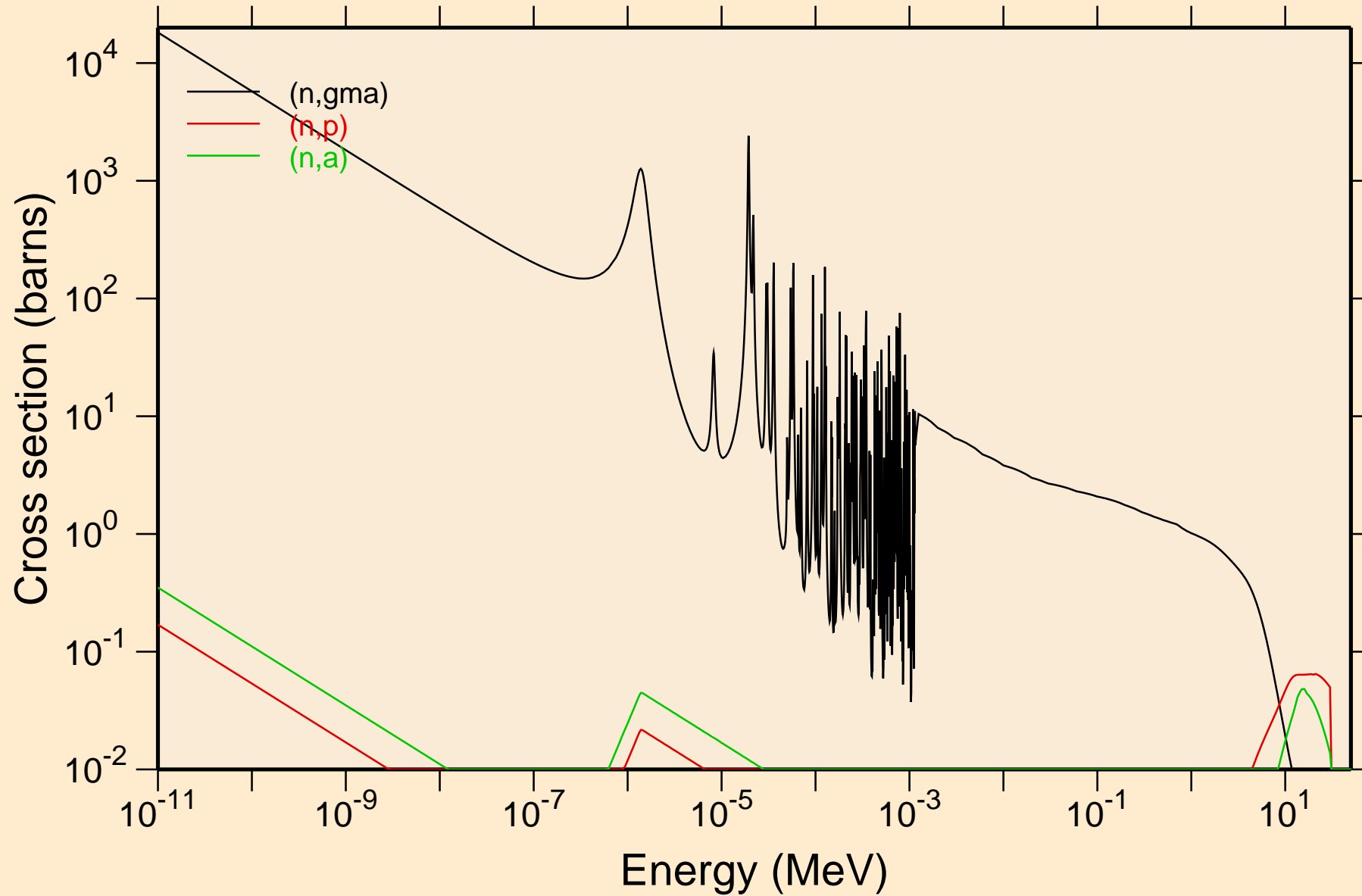


TE119M NRG TENDL-2015, AKONING  
resonance absorption cross sections



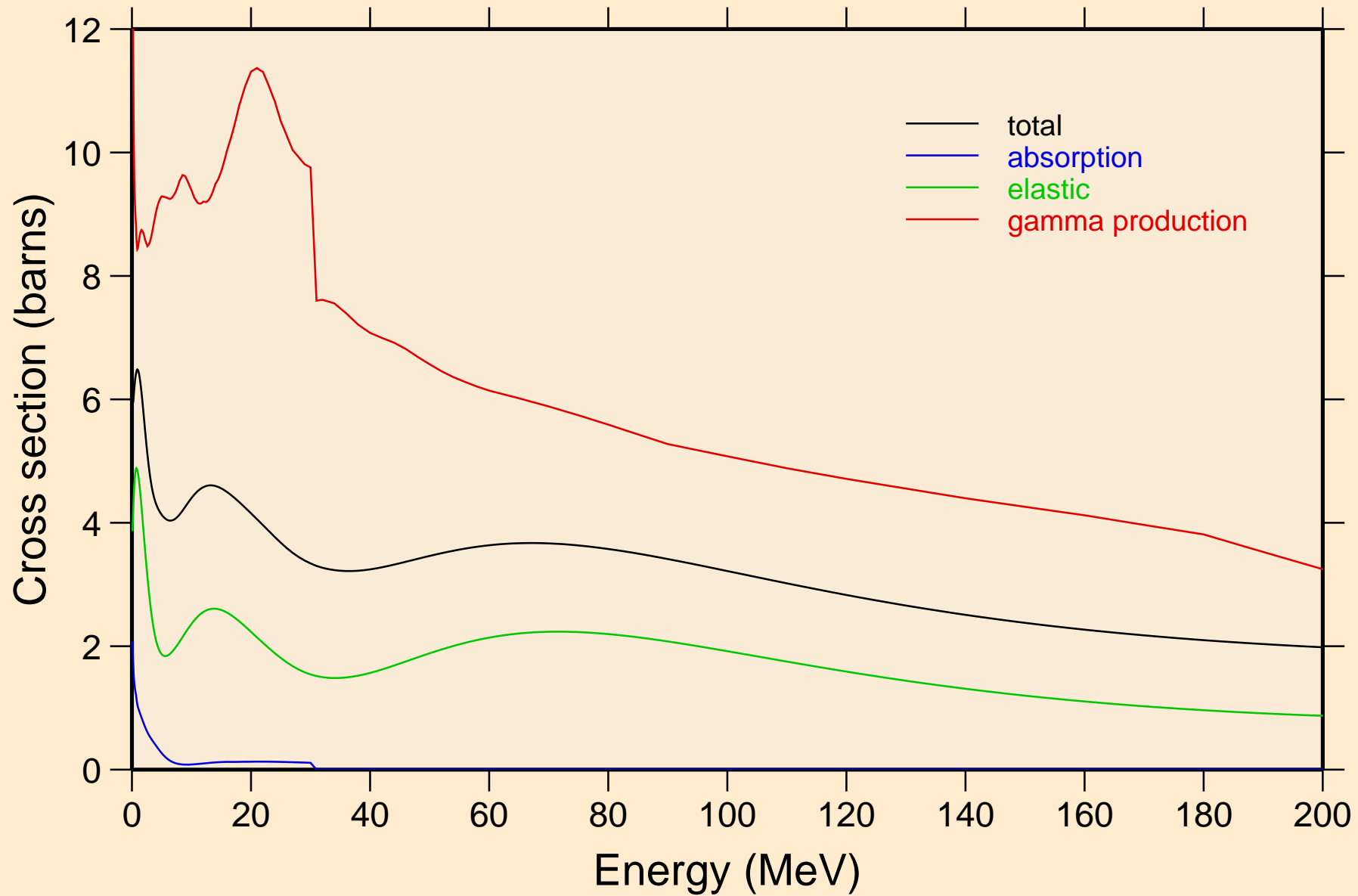
# TE119M NRG TENDL-2015, AKONING

## Non-threshold reactions



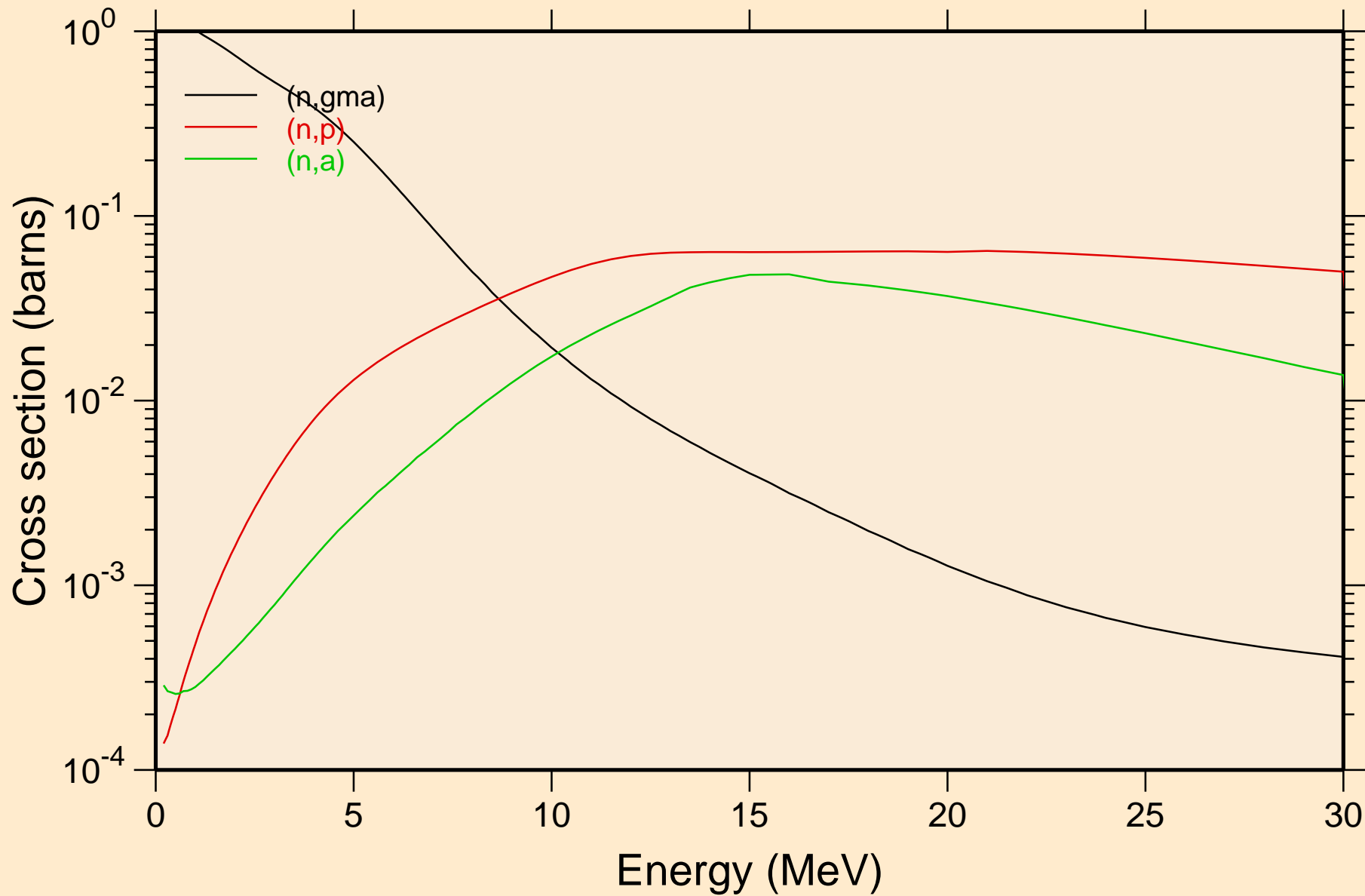
# TE119M NRG TENDL-2015, AKONING

## Principal cross sections



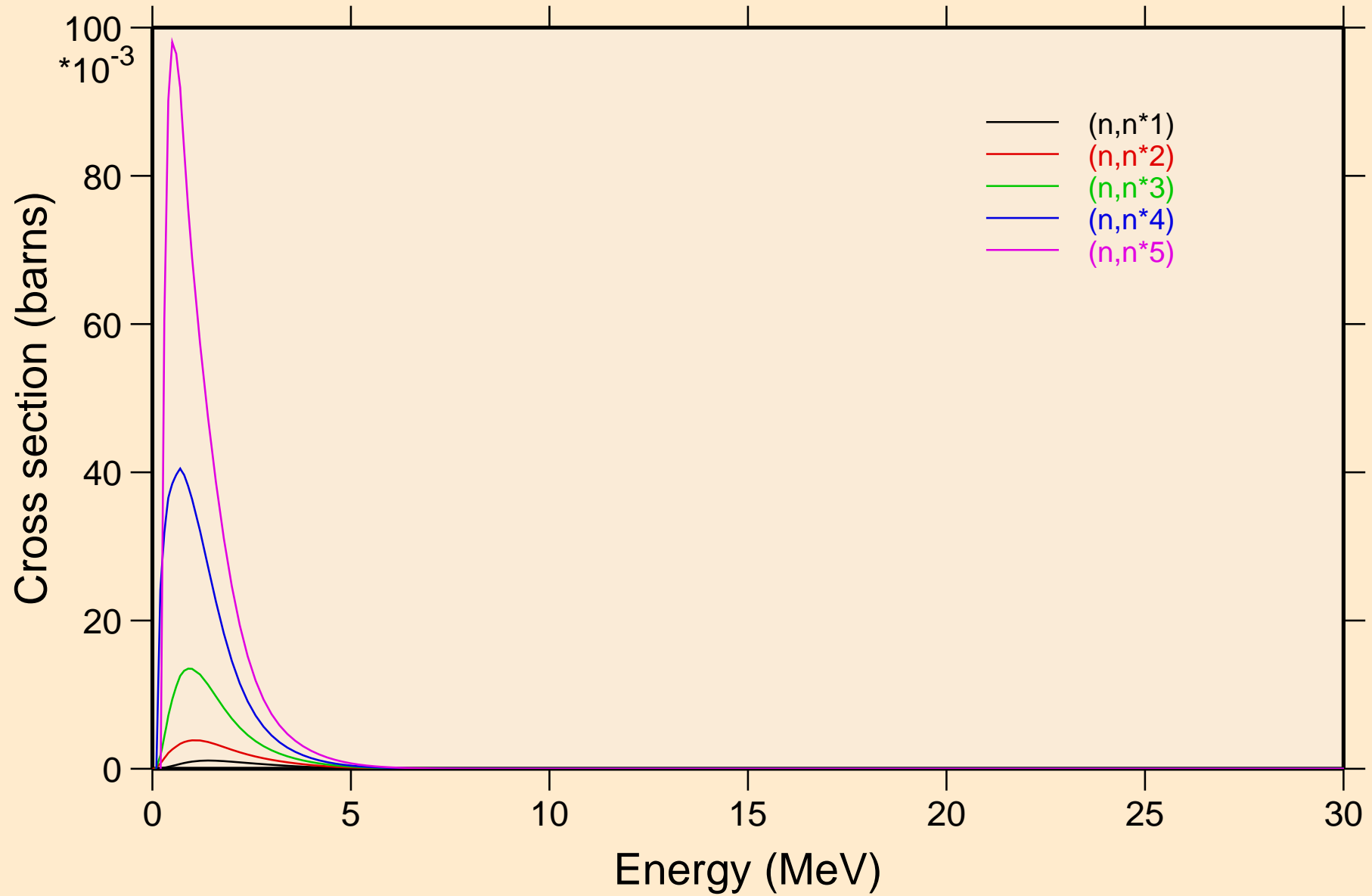
# TE119M NRG TENDL-2015, AKONING

## Non-threshold reactions



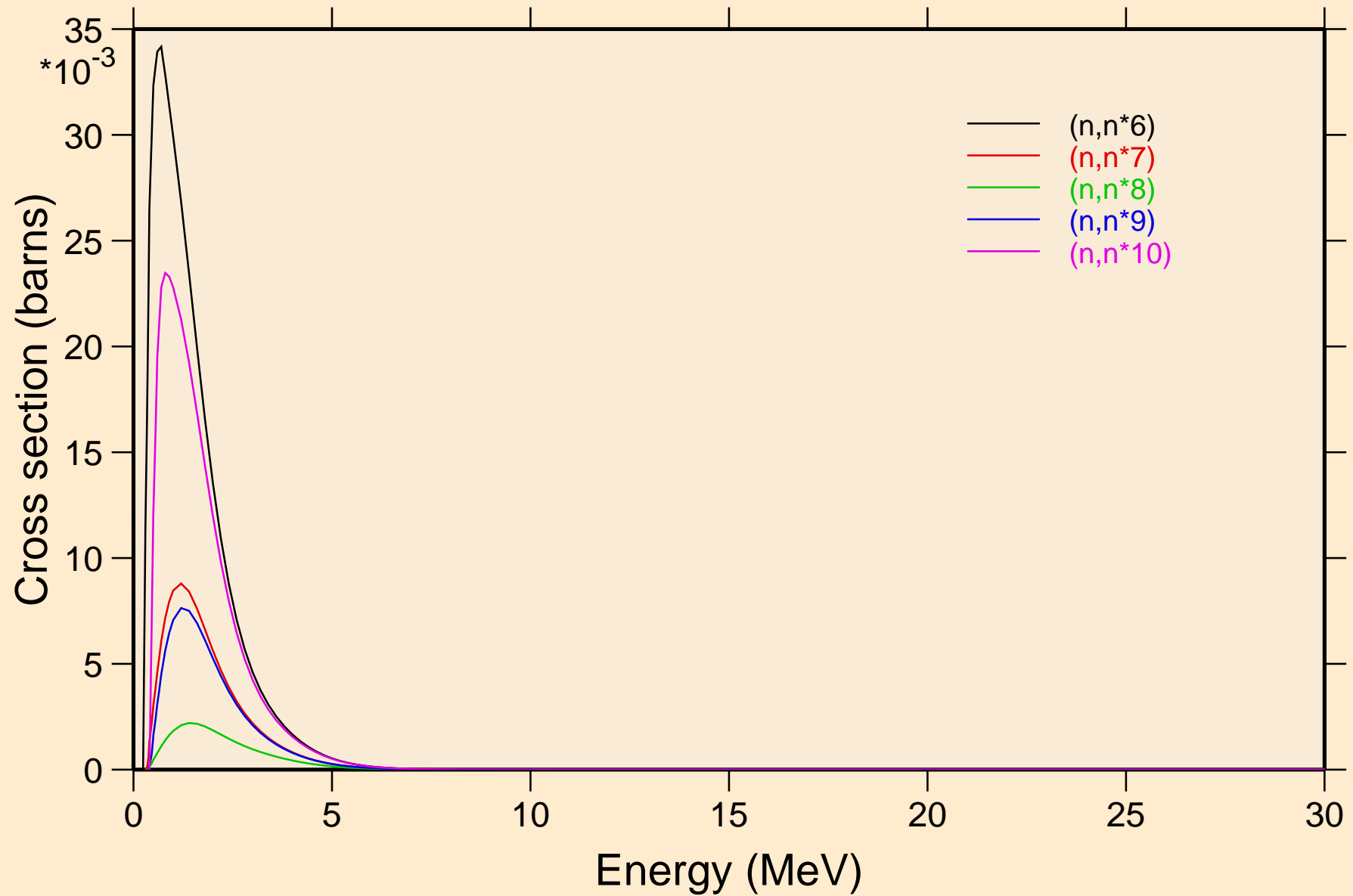
# TE119M NRG TENDL-2015, AKONING

## Inelastic levels



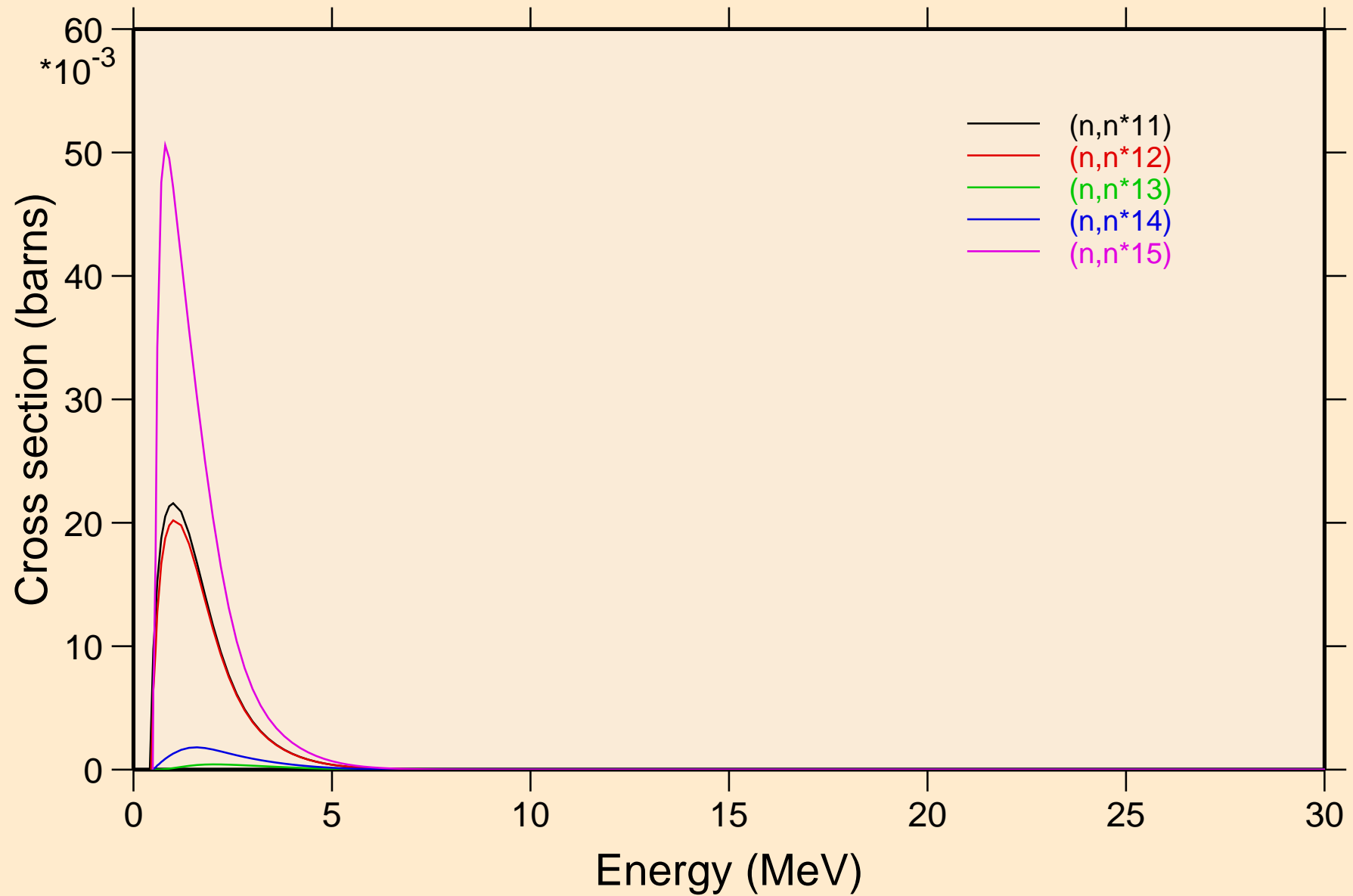
# TE119M NRG TENDL-2015, AKONING

## Inelastic levels



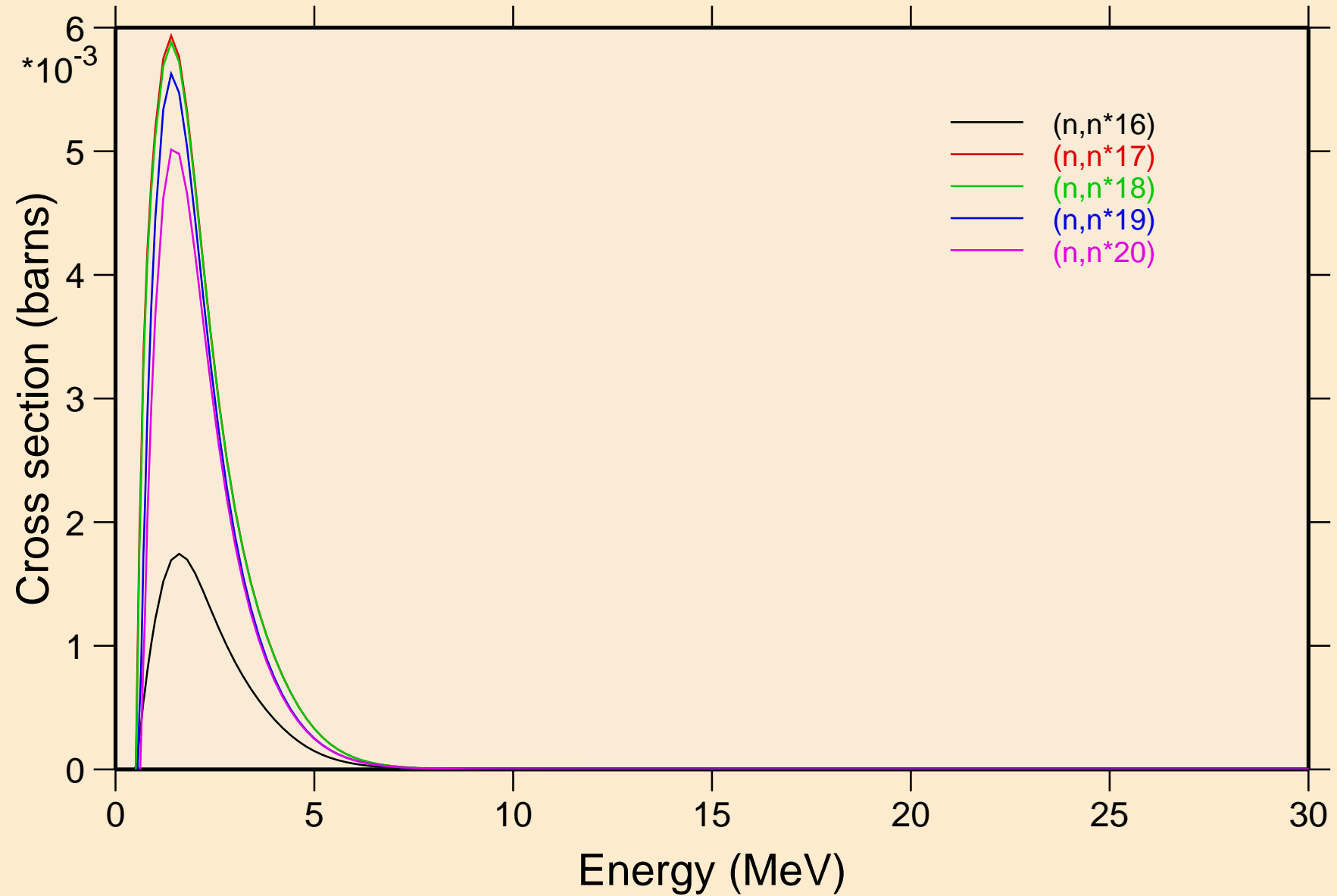
# TE119M NRG TENDL-2015, AKONING

## Inelastic levels



# TE119M NRG TENDL-2015, AKONING

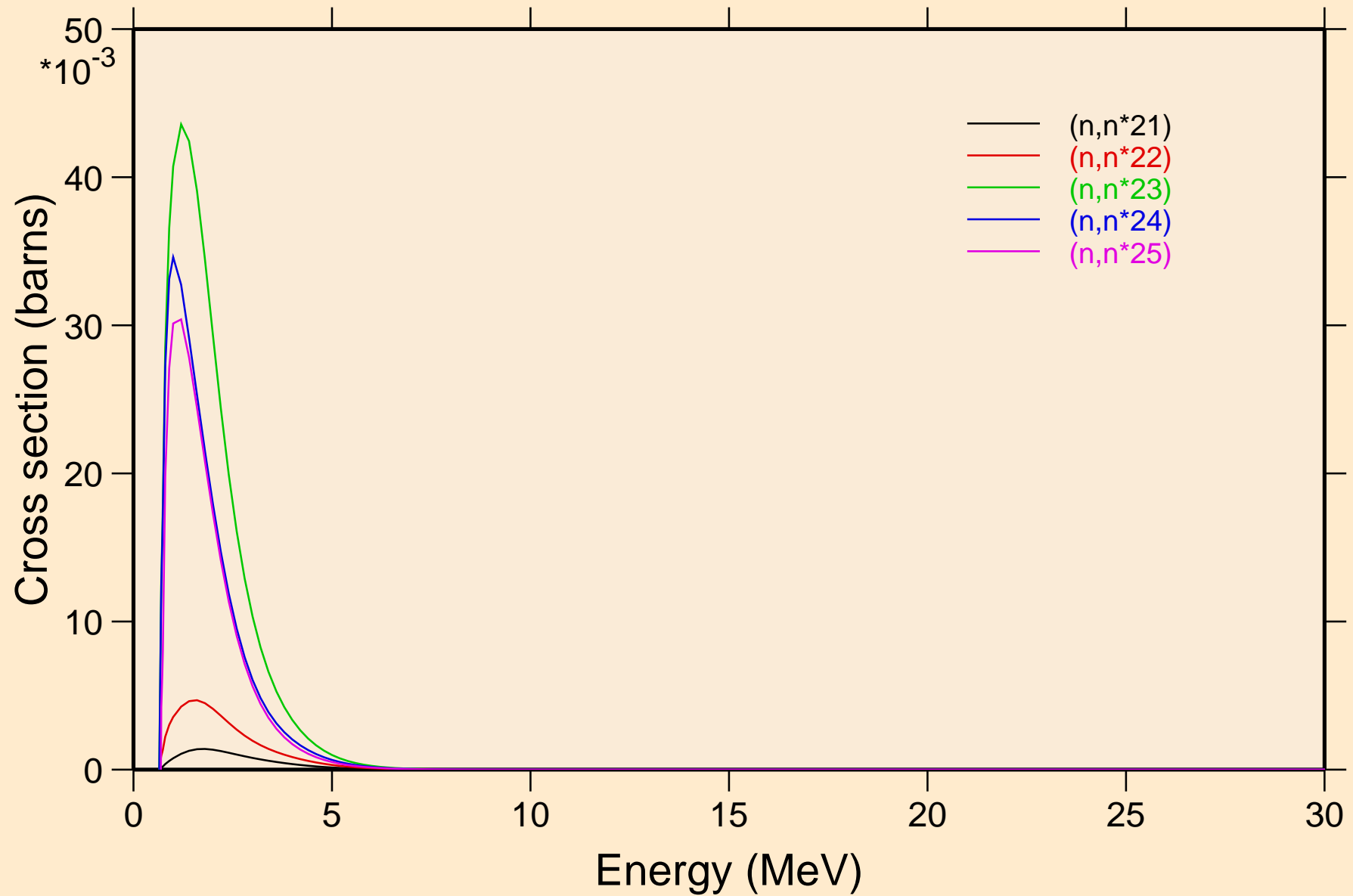
## Inelastic levels





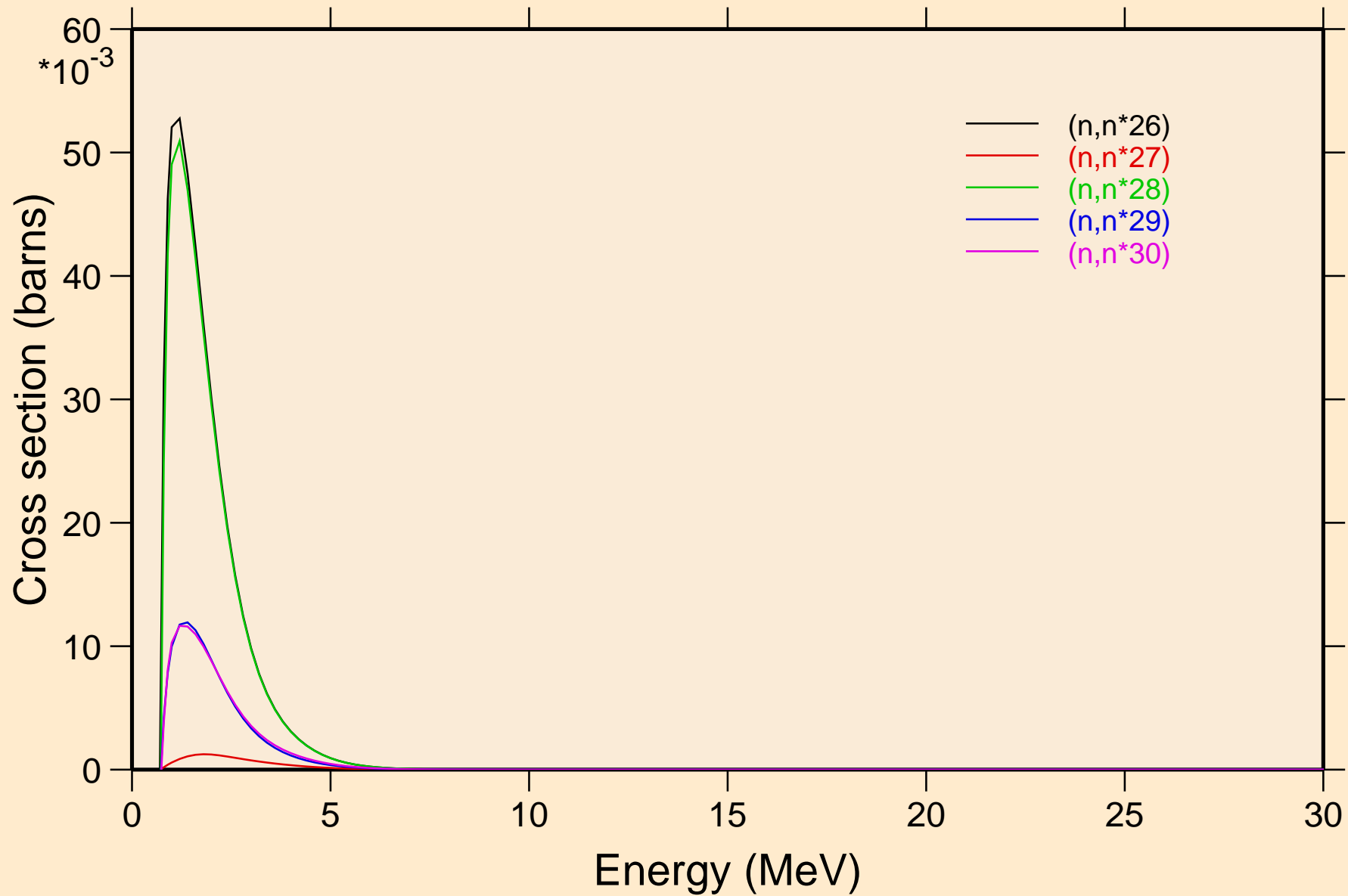
# TE119M NRG TENDL-2015, AKONING

## Inelastic levels



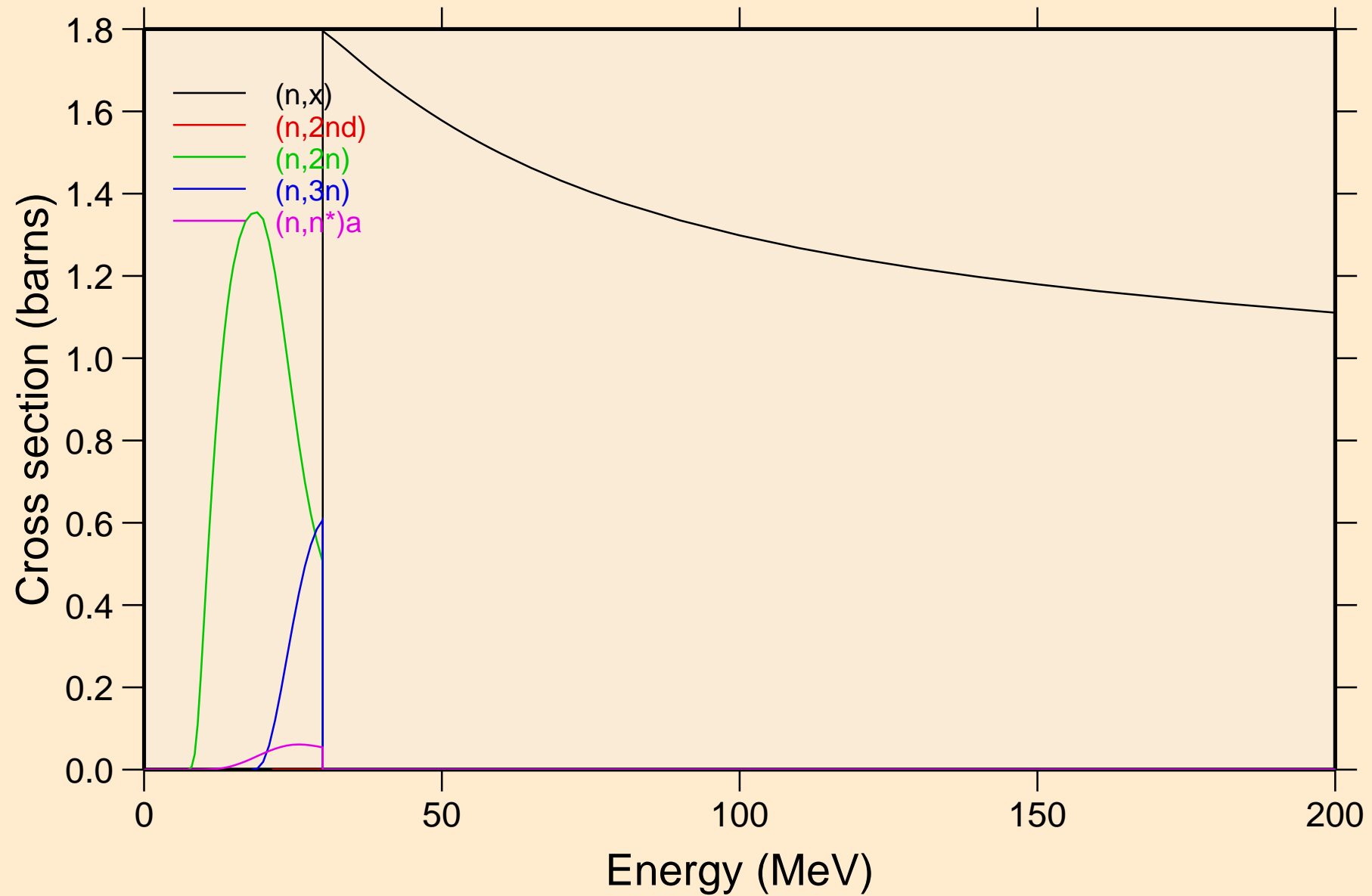
# TE119M NRG TENDL-2015, AKONING

## Inelastic levels



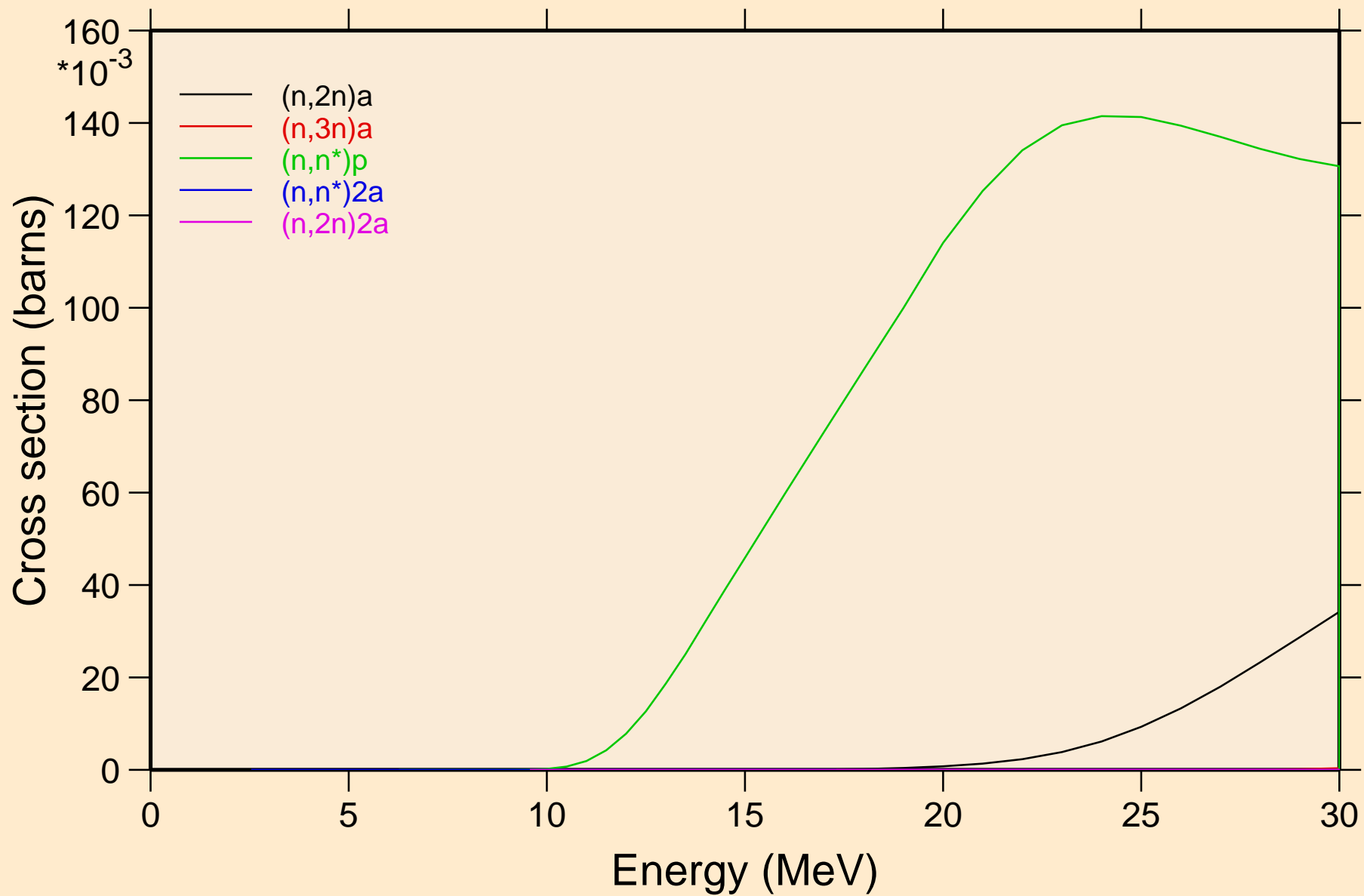
# TE119M NRG TENDL-2015, AKONING

## Threshold reactions



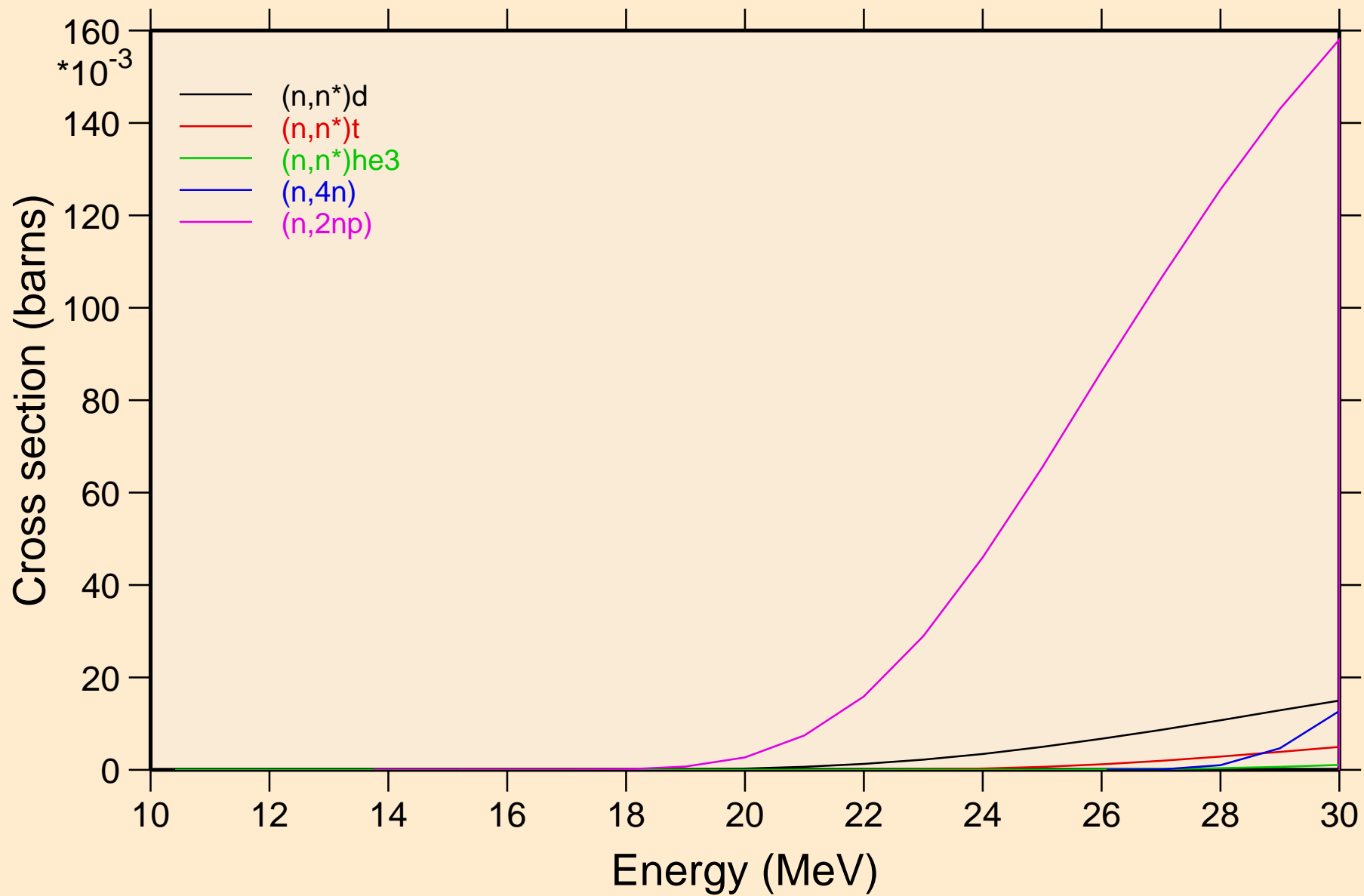
# TE119M NRG TENDL-2015, AKONING

## Threshold reactions



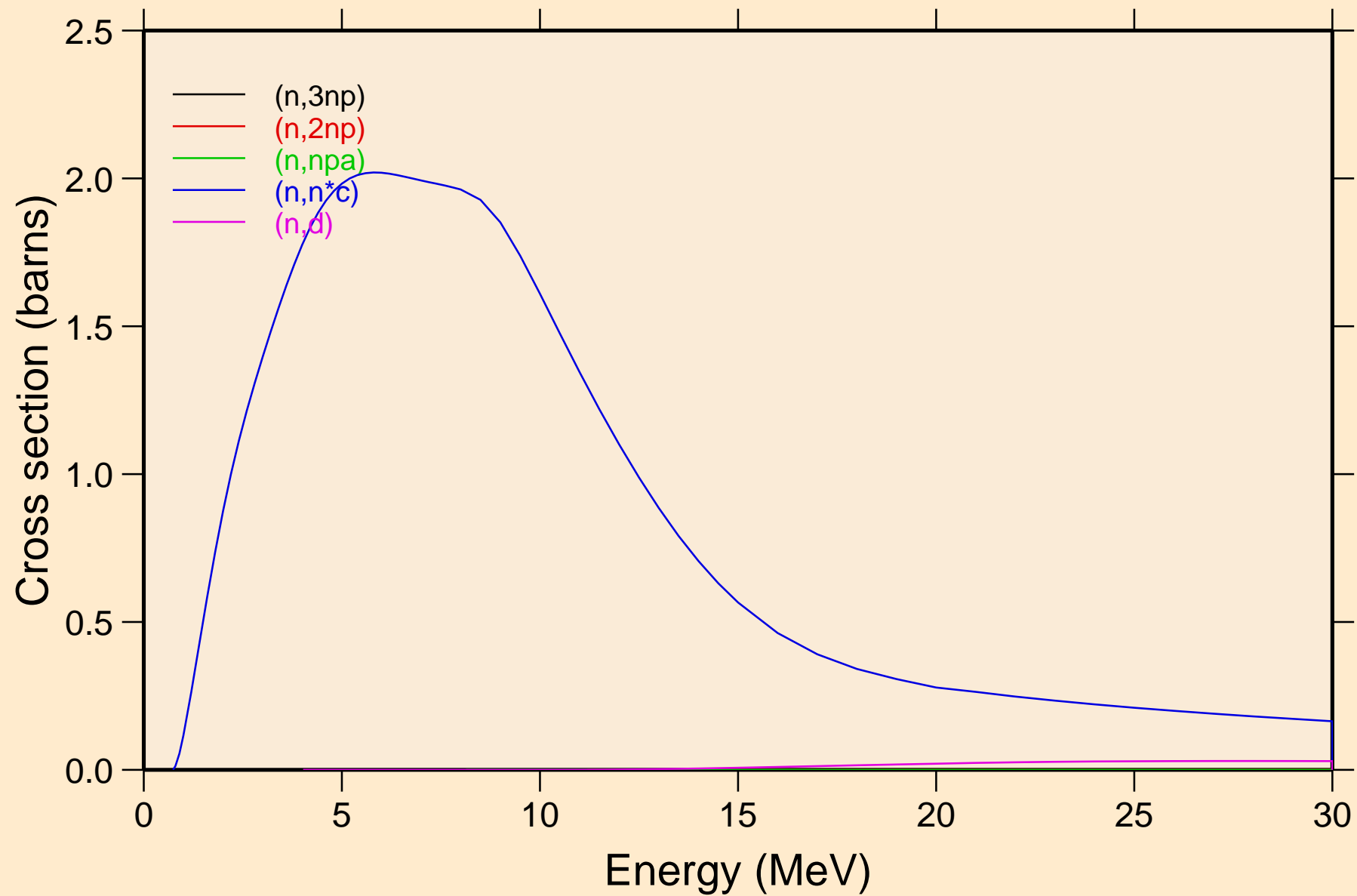
# TE119M NRG TENDL-2015, AKONING

## Threshold reactions



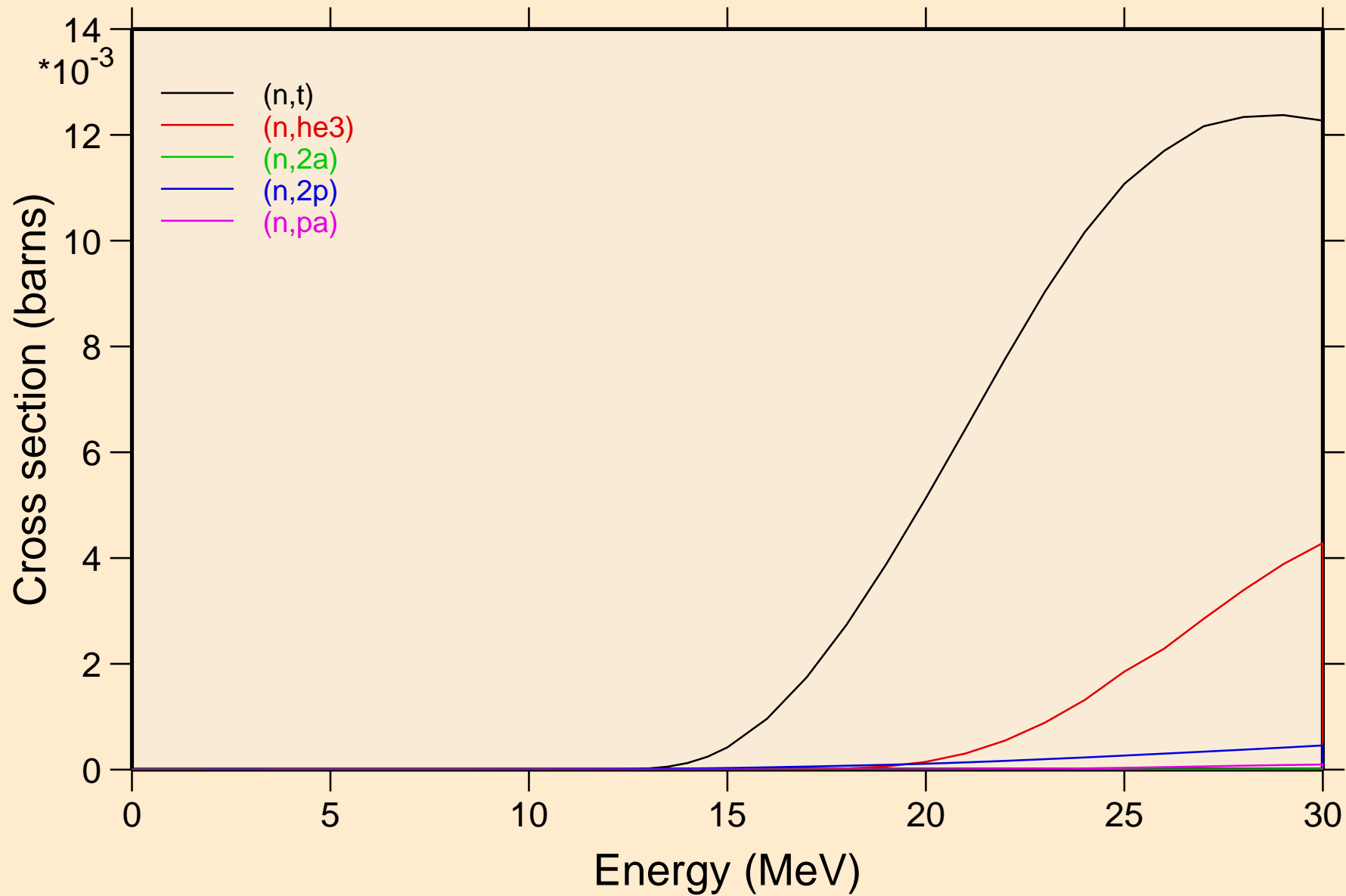
# TE119M NRG TENDL-2015, AKONING

## Threshold reactions



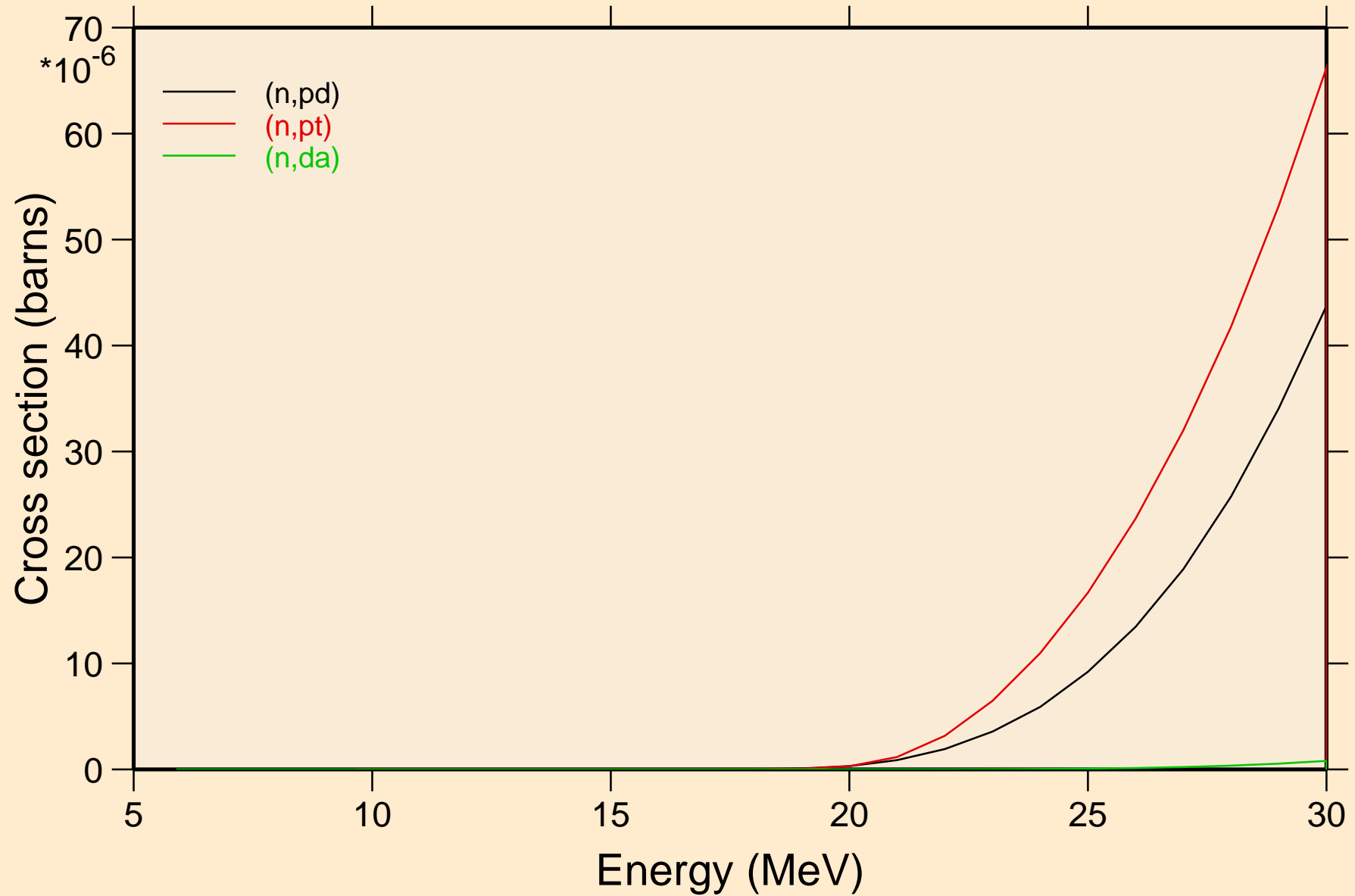
# TE119M NRG TENDL-2015, AKONING

## Threshold reactions



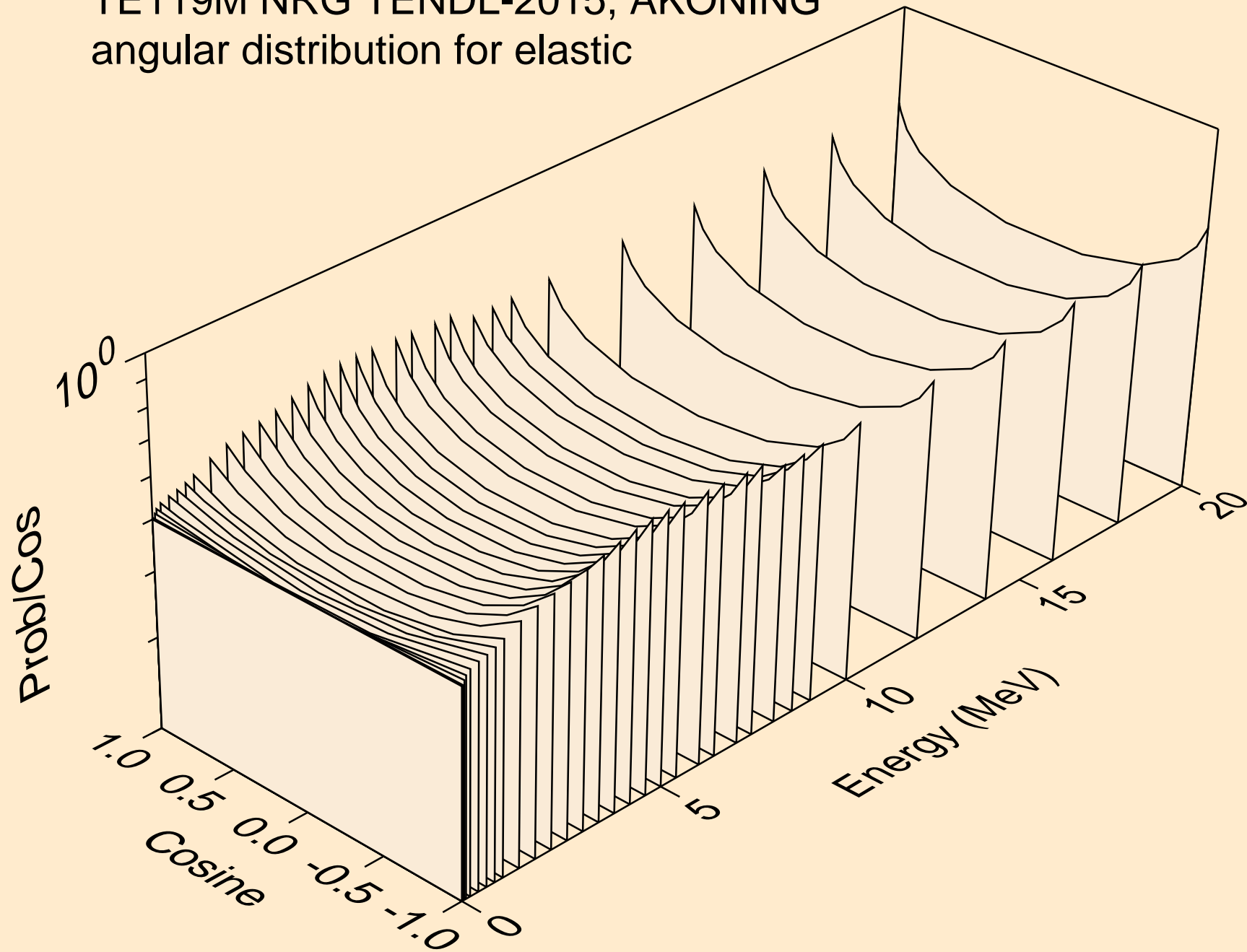
# TE119M NRG TENDL-2015, AKONING

## Threshold reactions

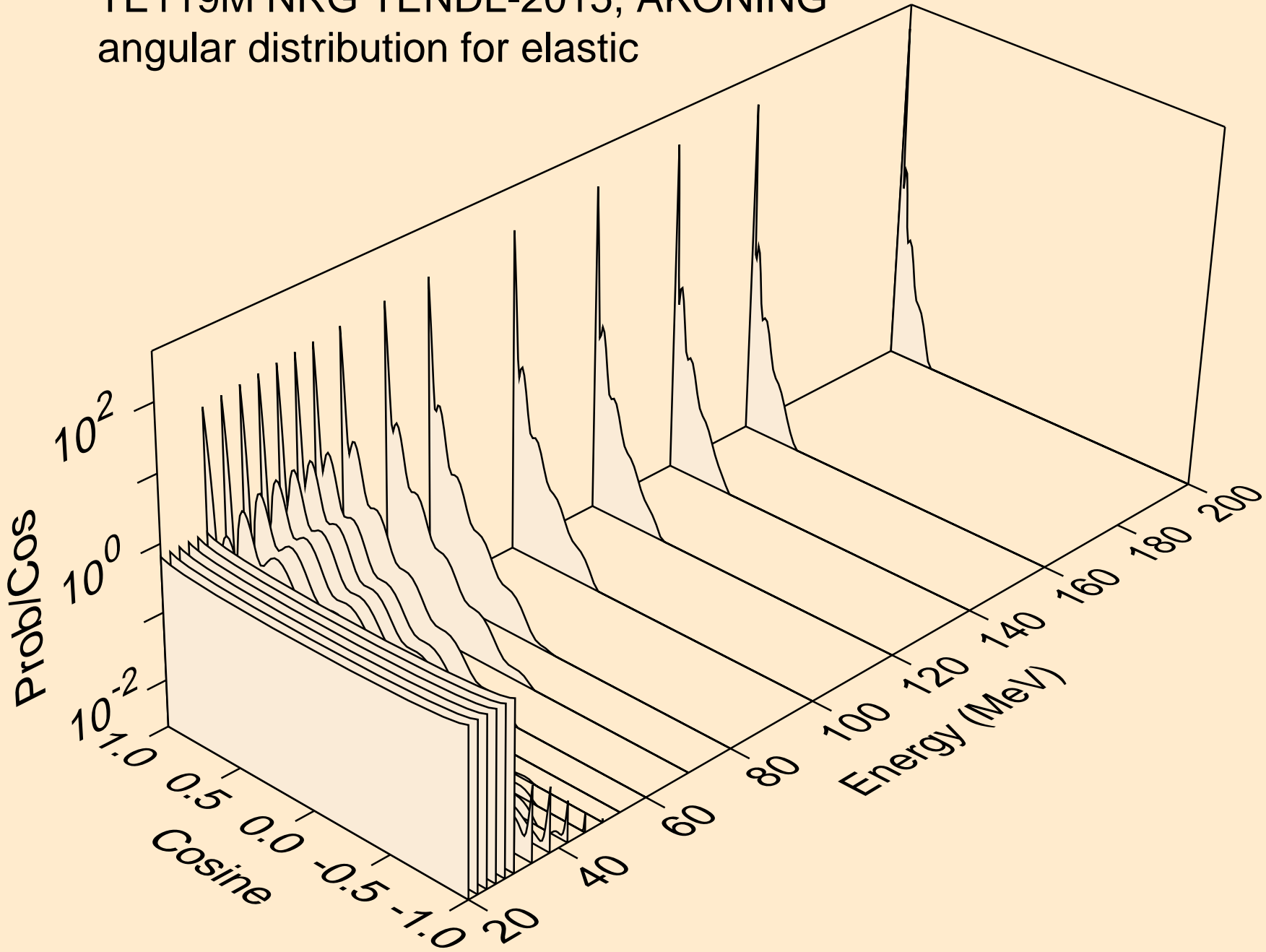




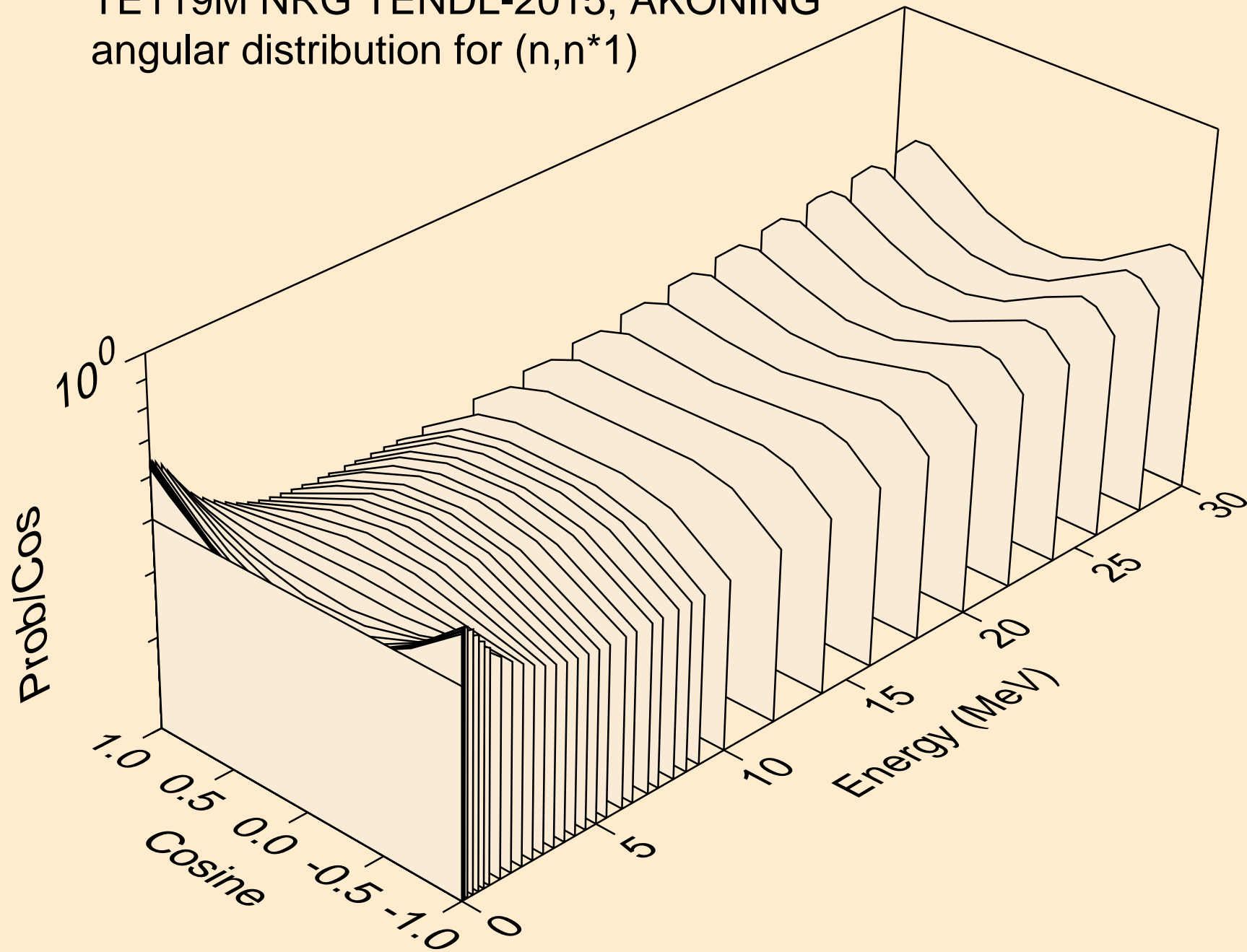
TE119M NRG TENDL-2015, AKONING  
angular distribution for elastic



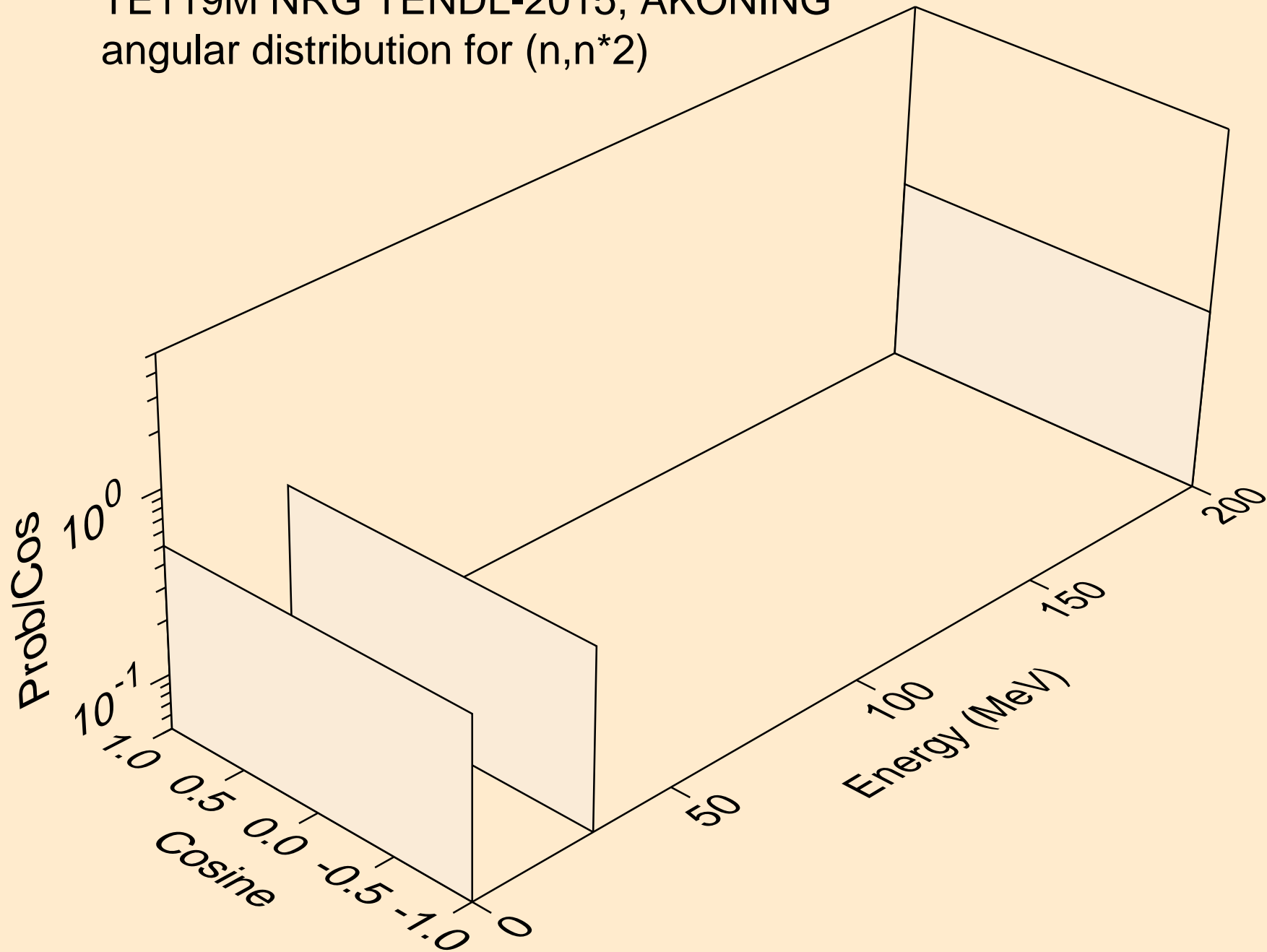
TE119M NRG TENDL-2015, AKONING  
angular distribution for elastic



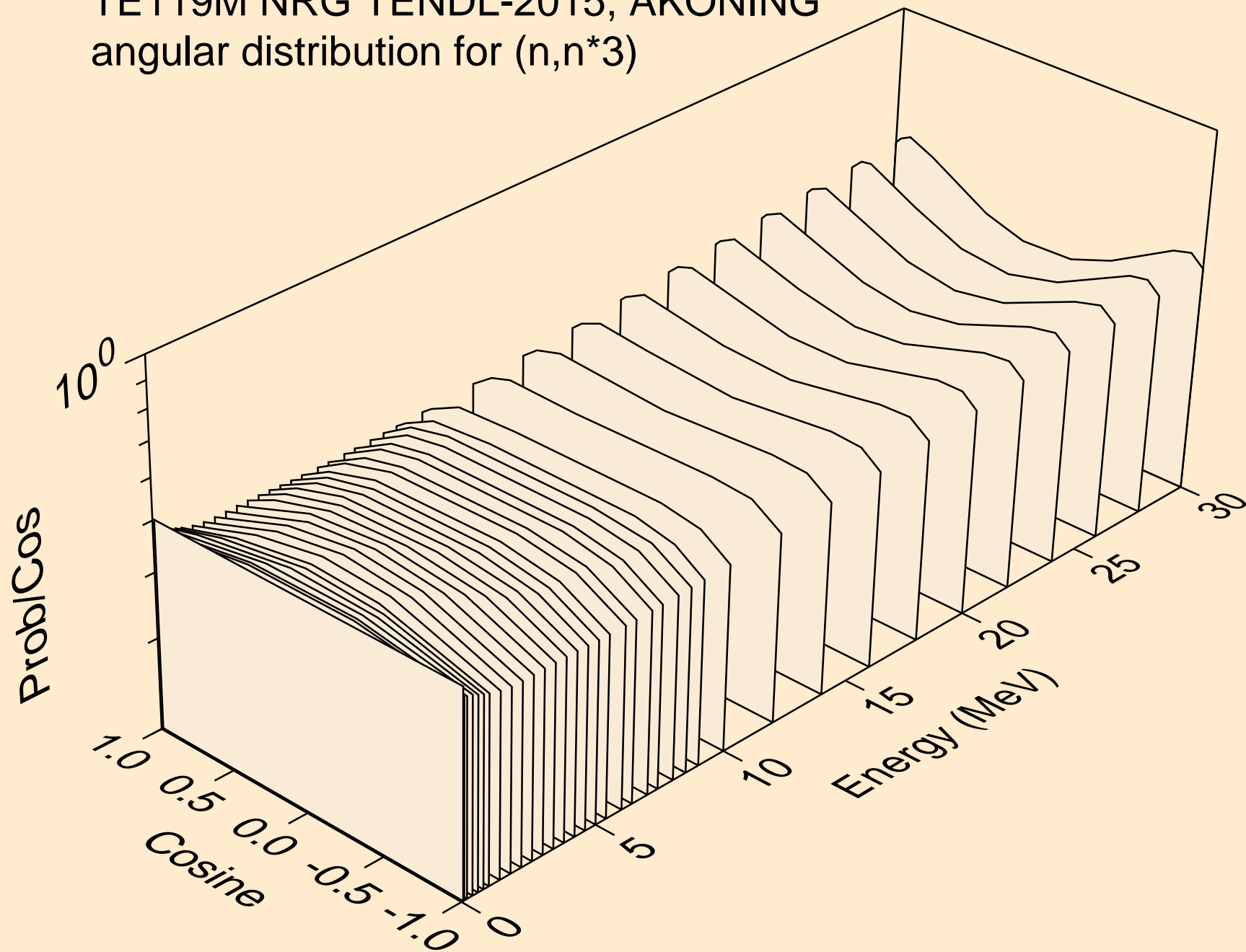
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



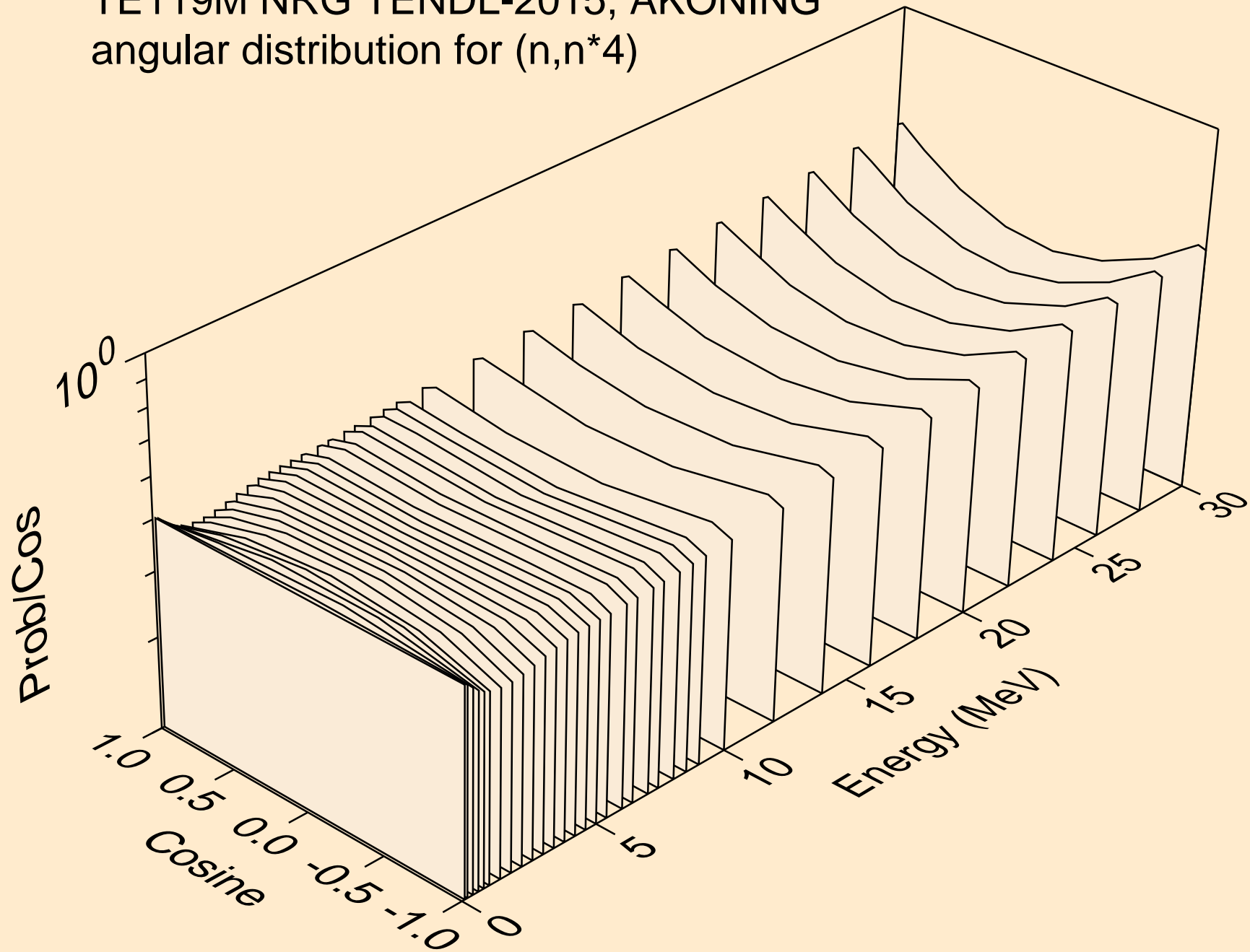
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



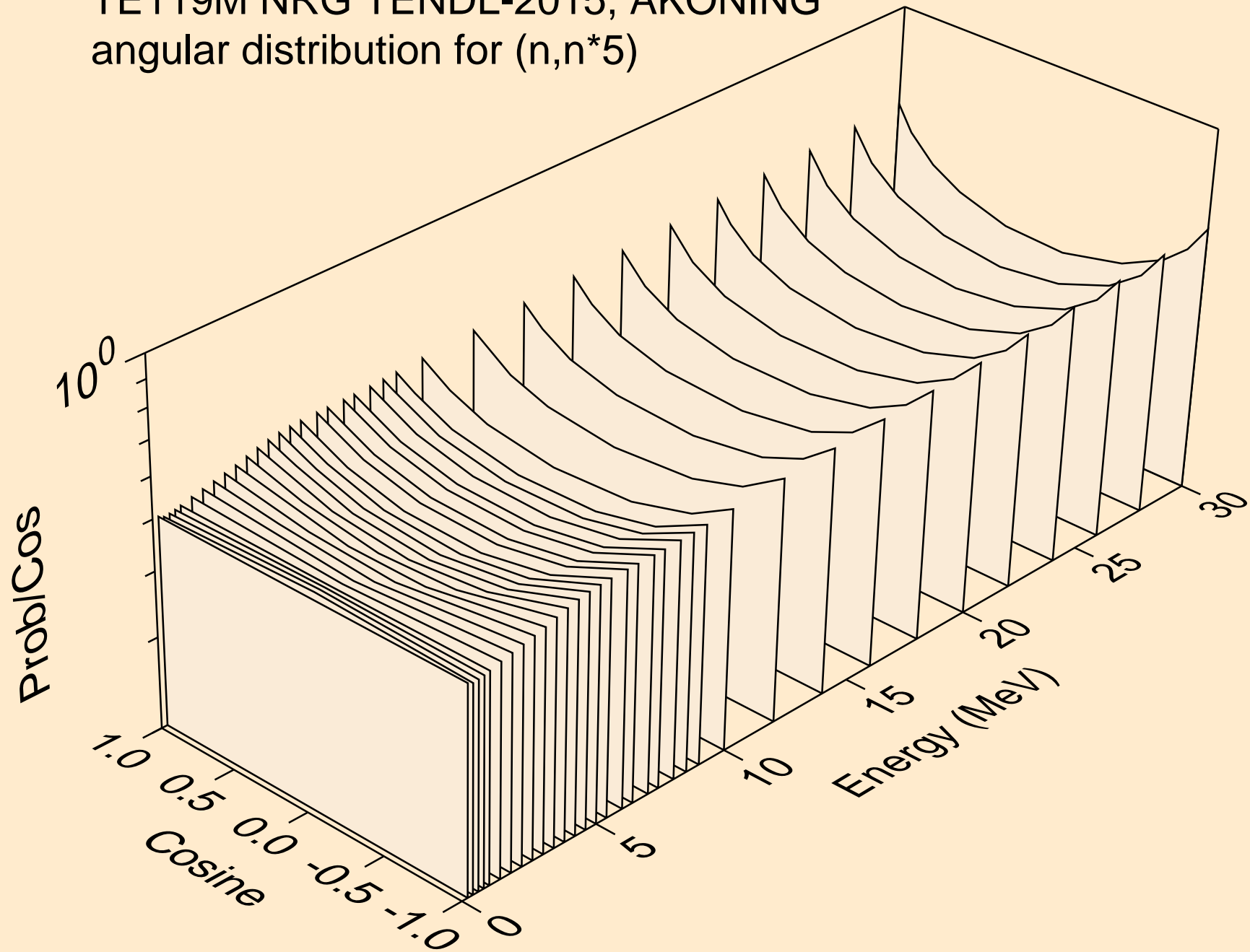
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



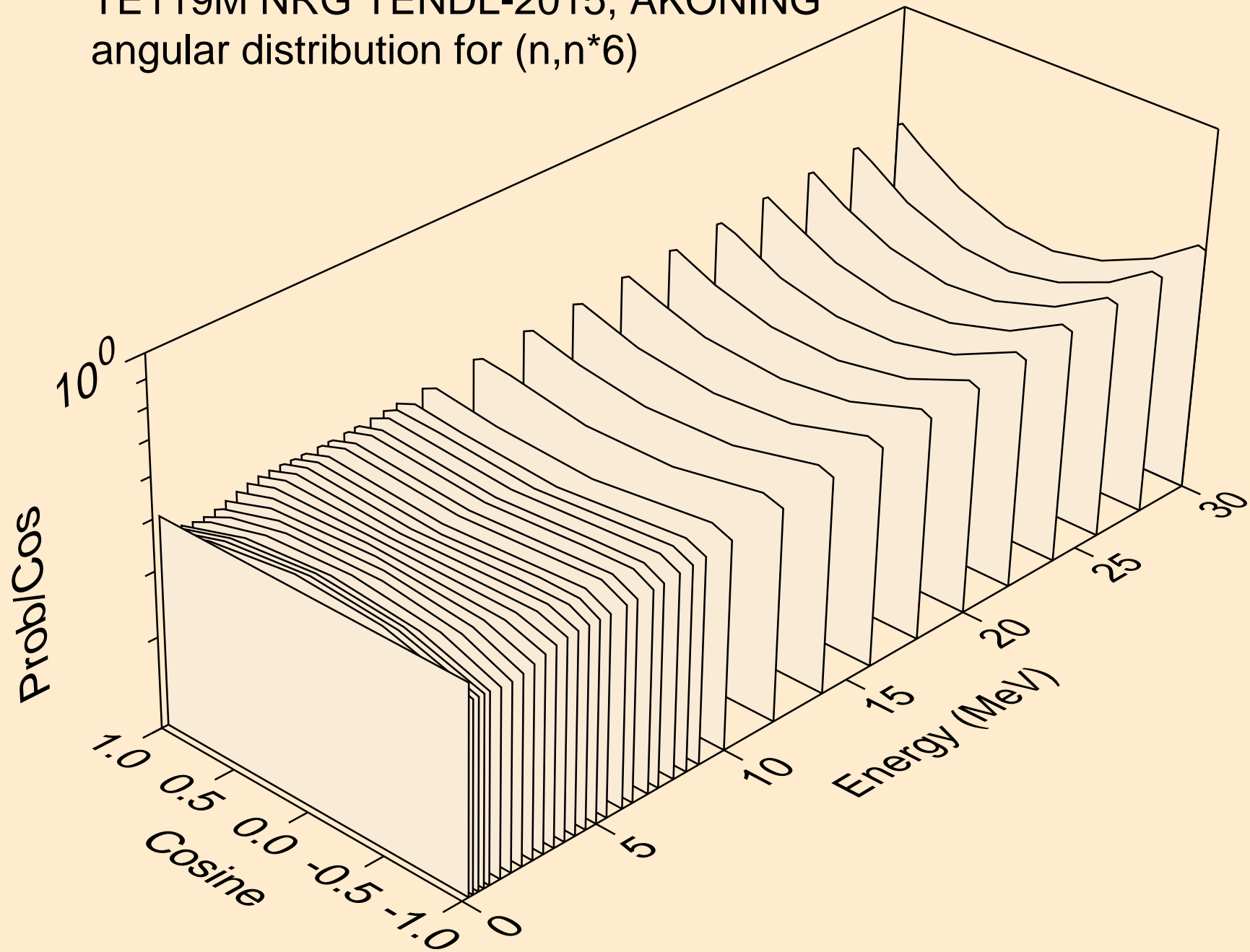
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

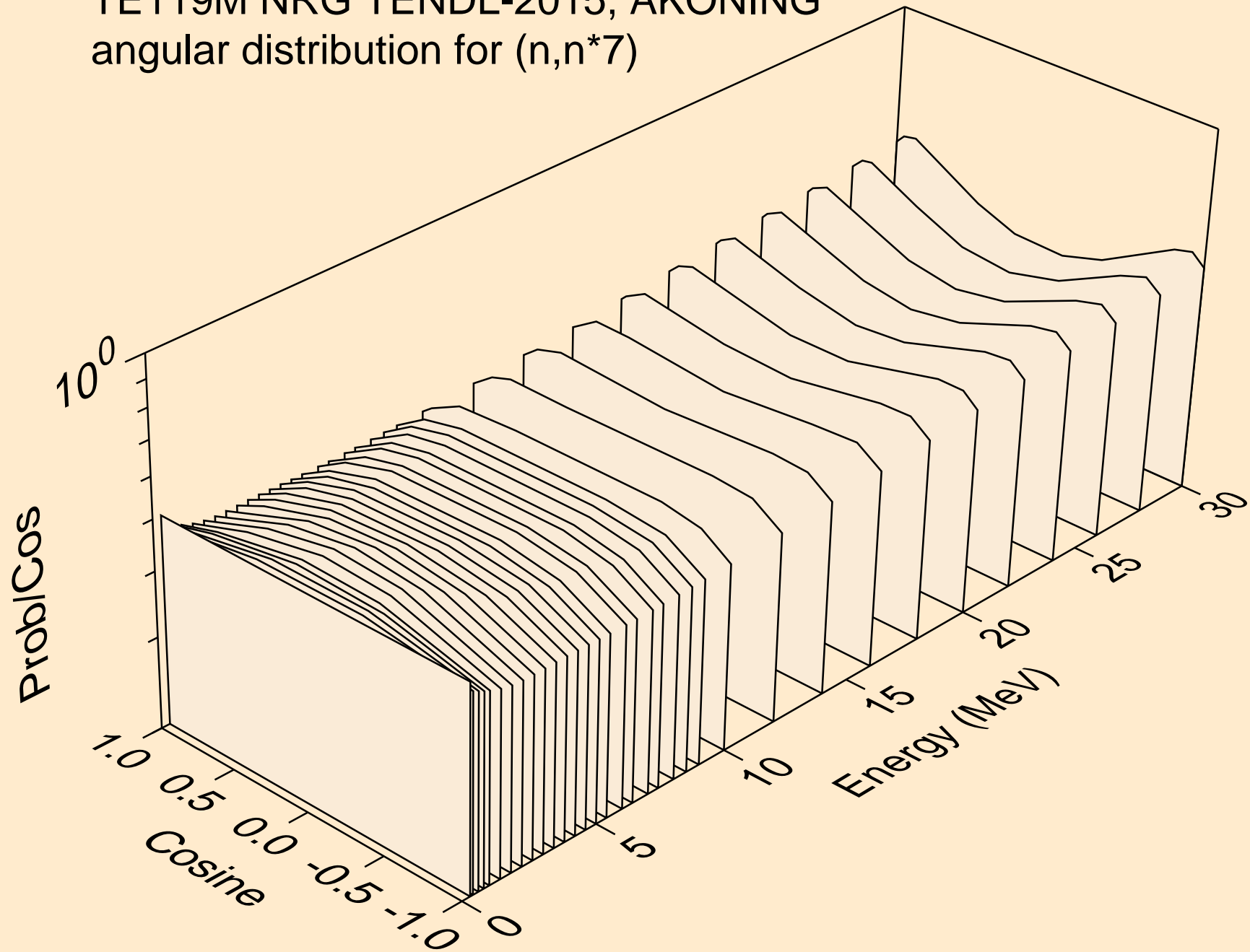


TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

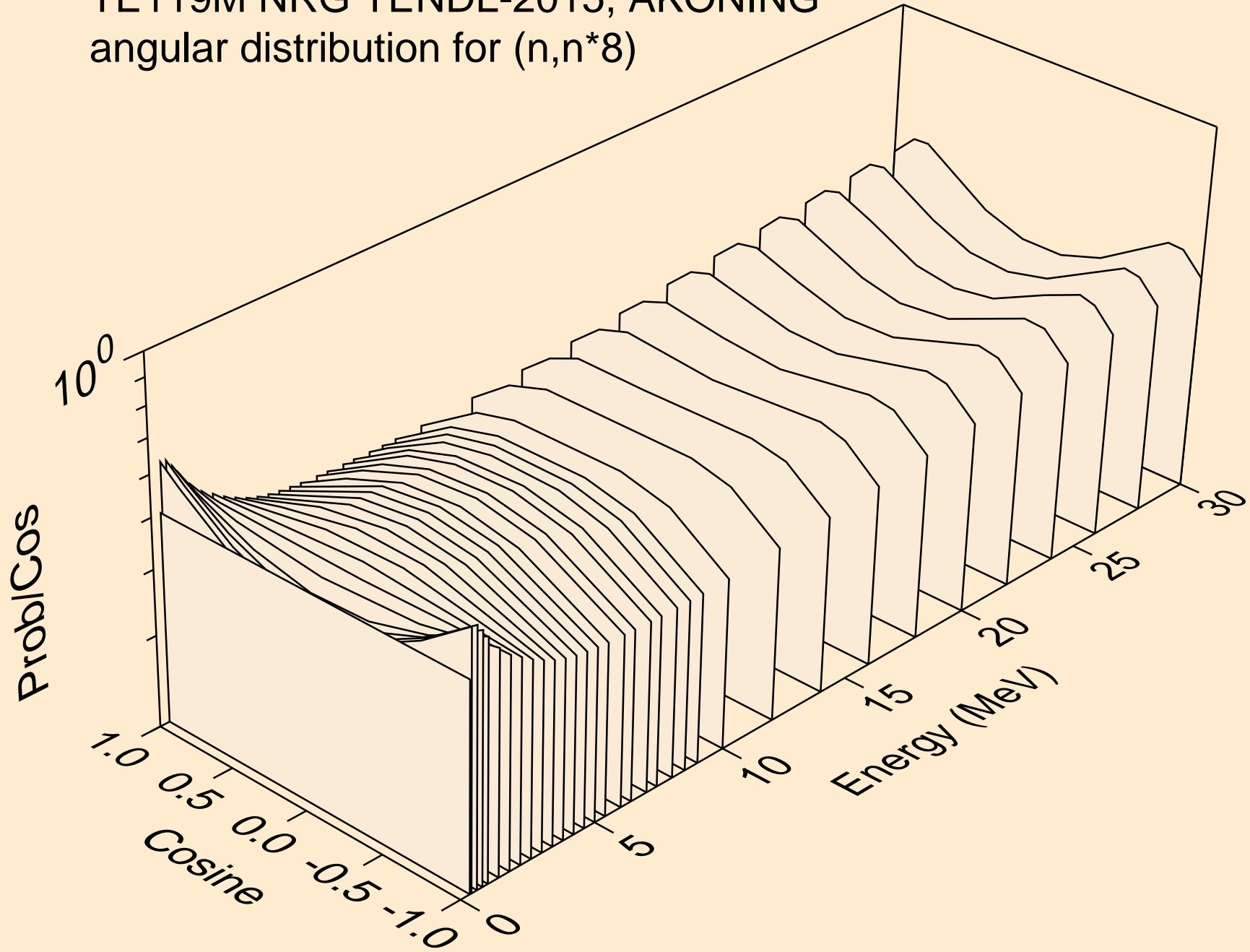




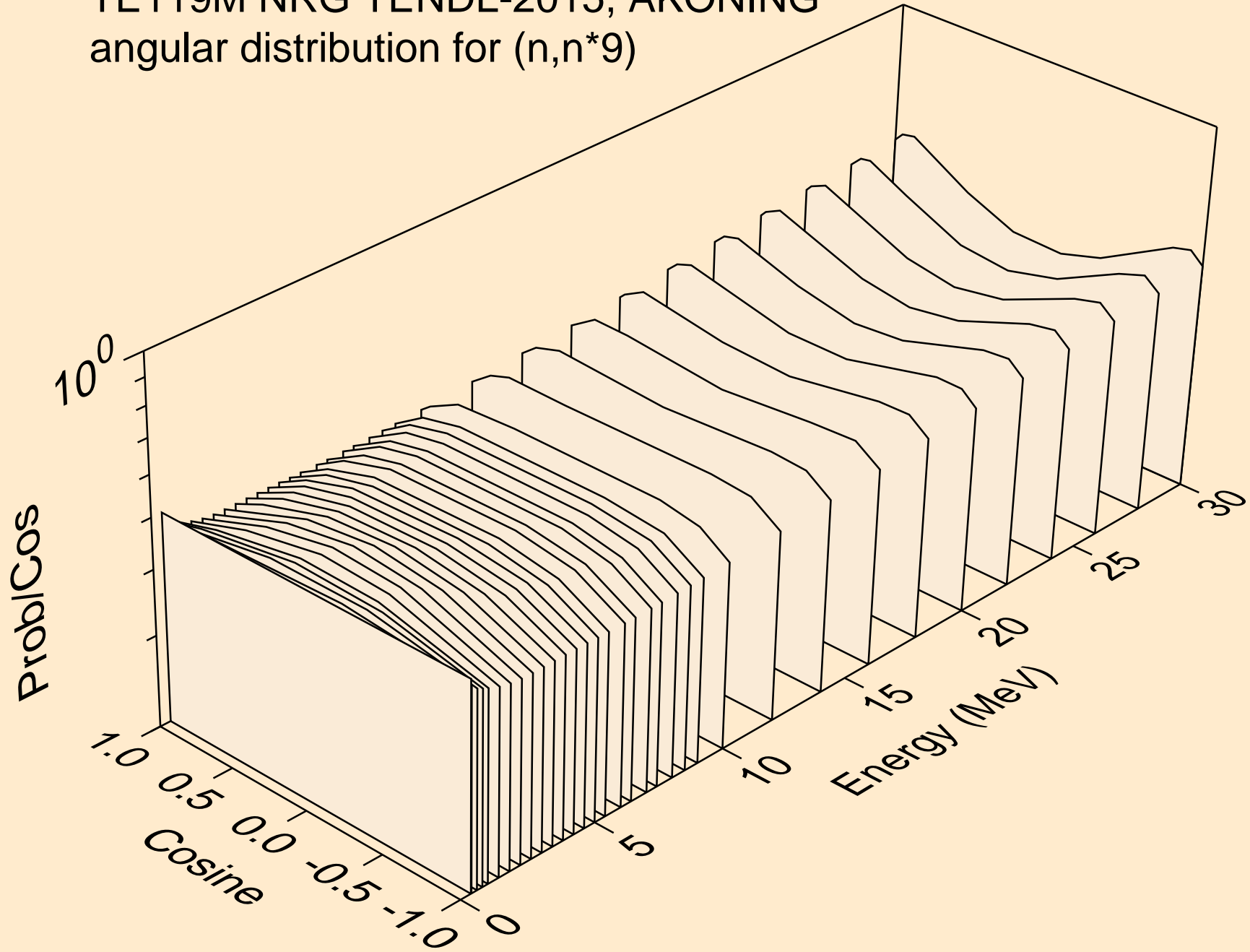
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



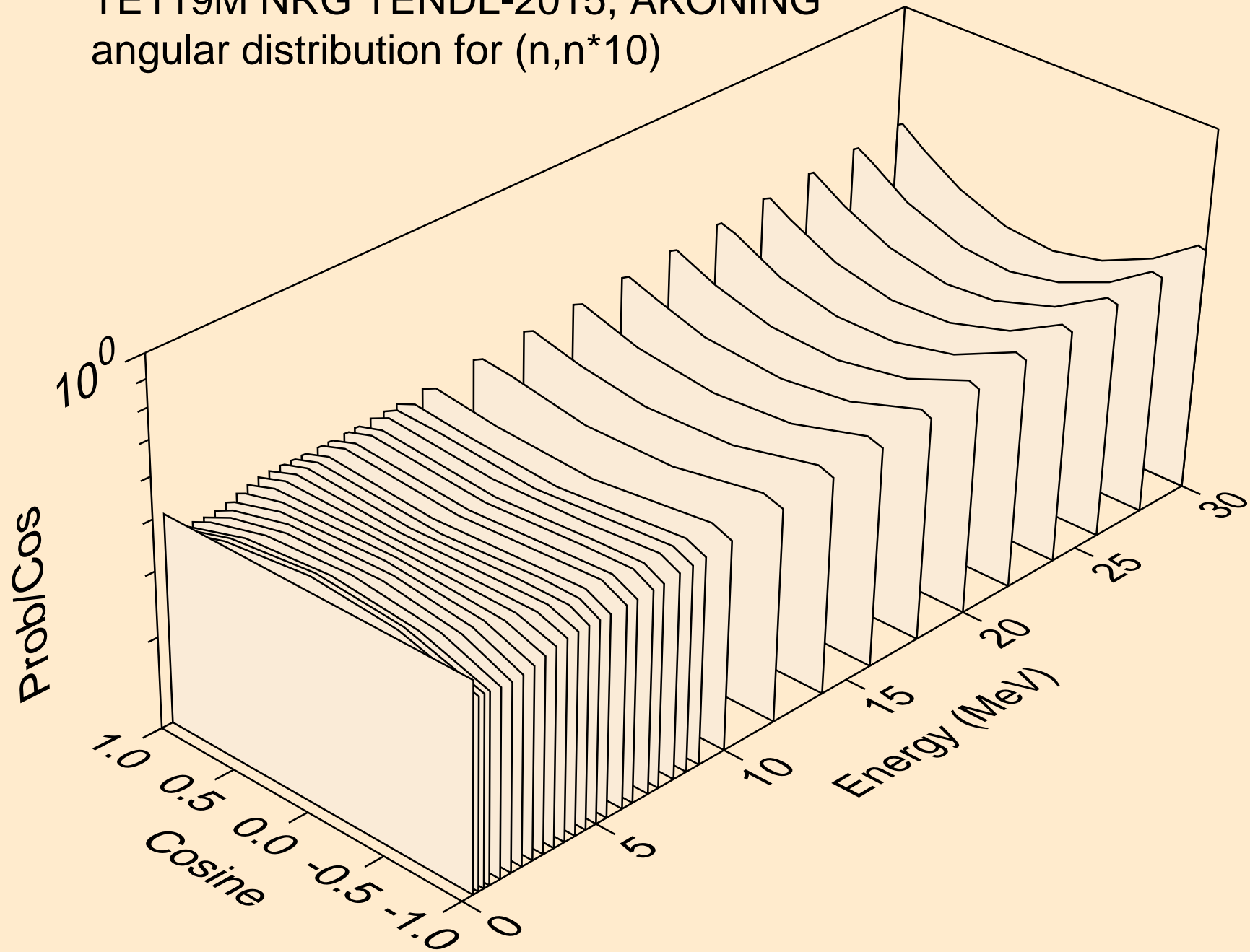
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



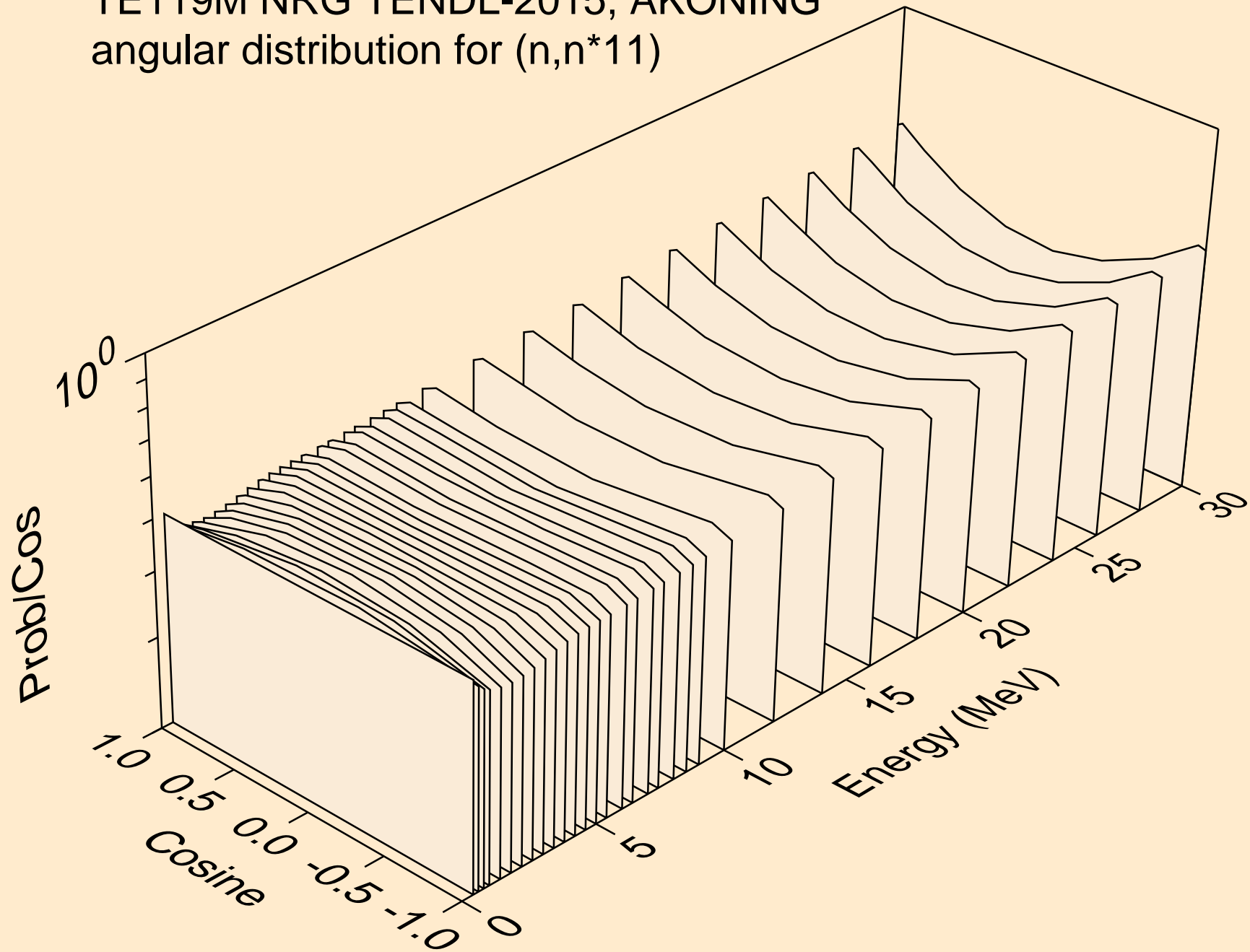
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



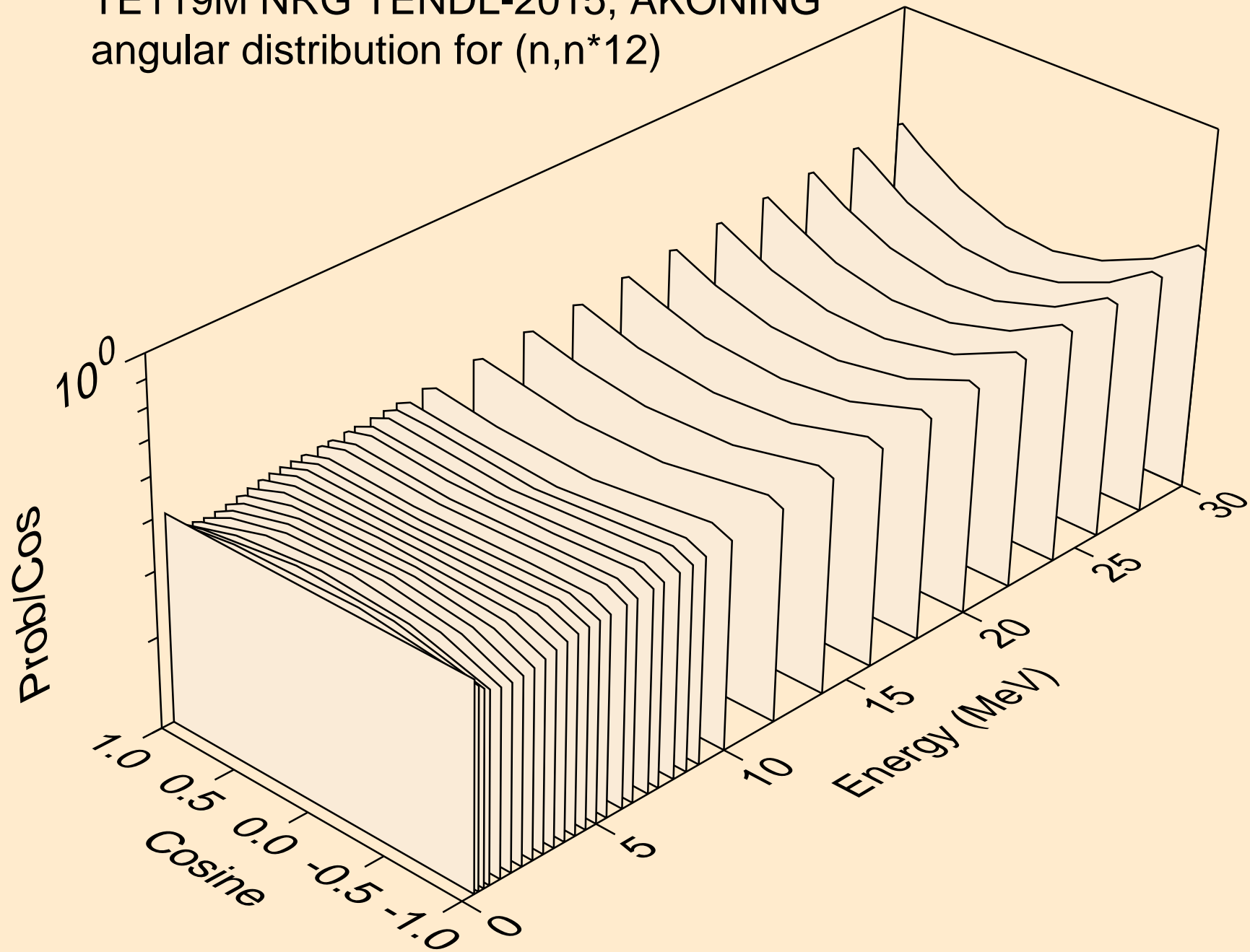
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



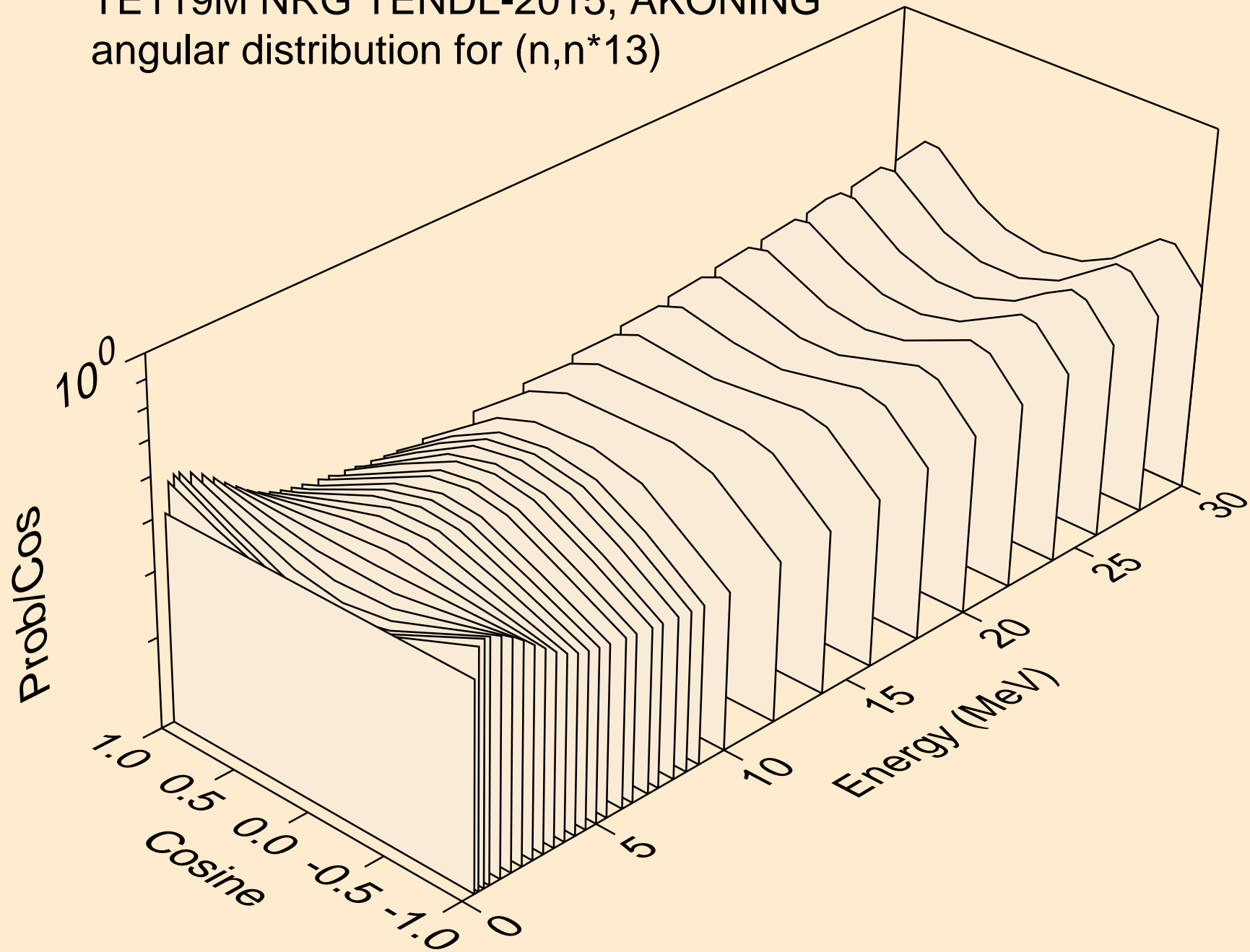
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



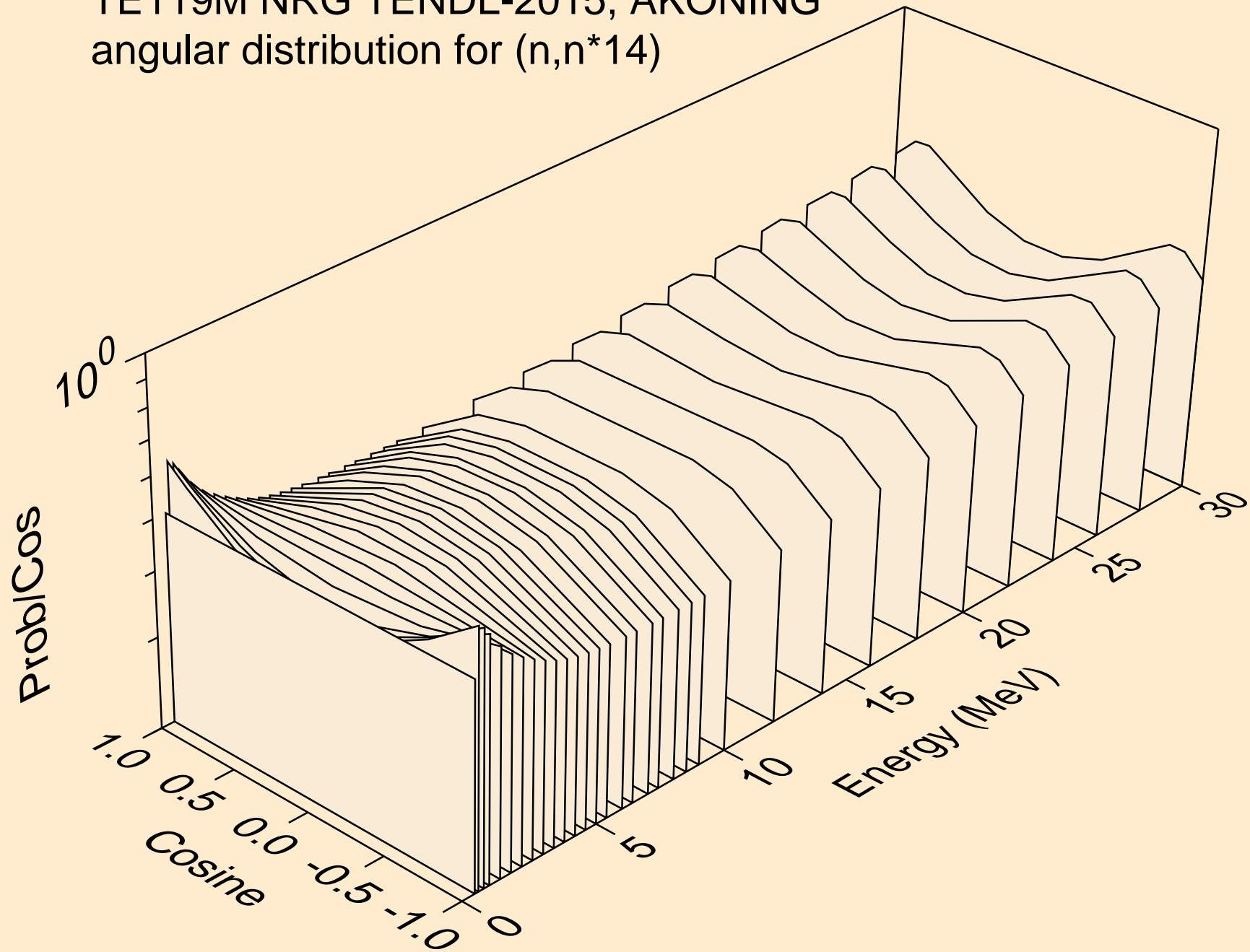
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

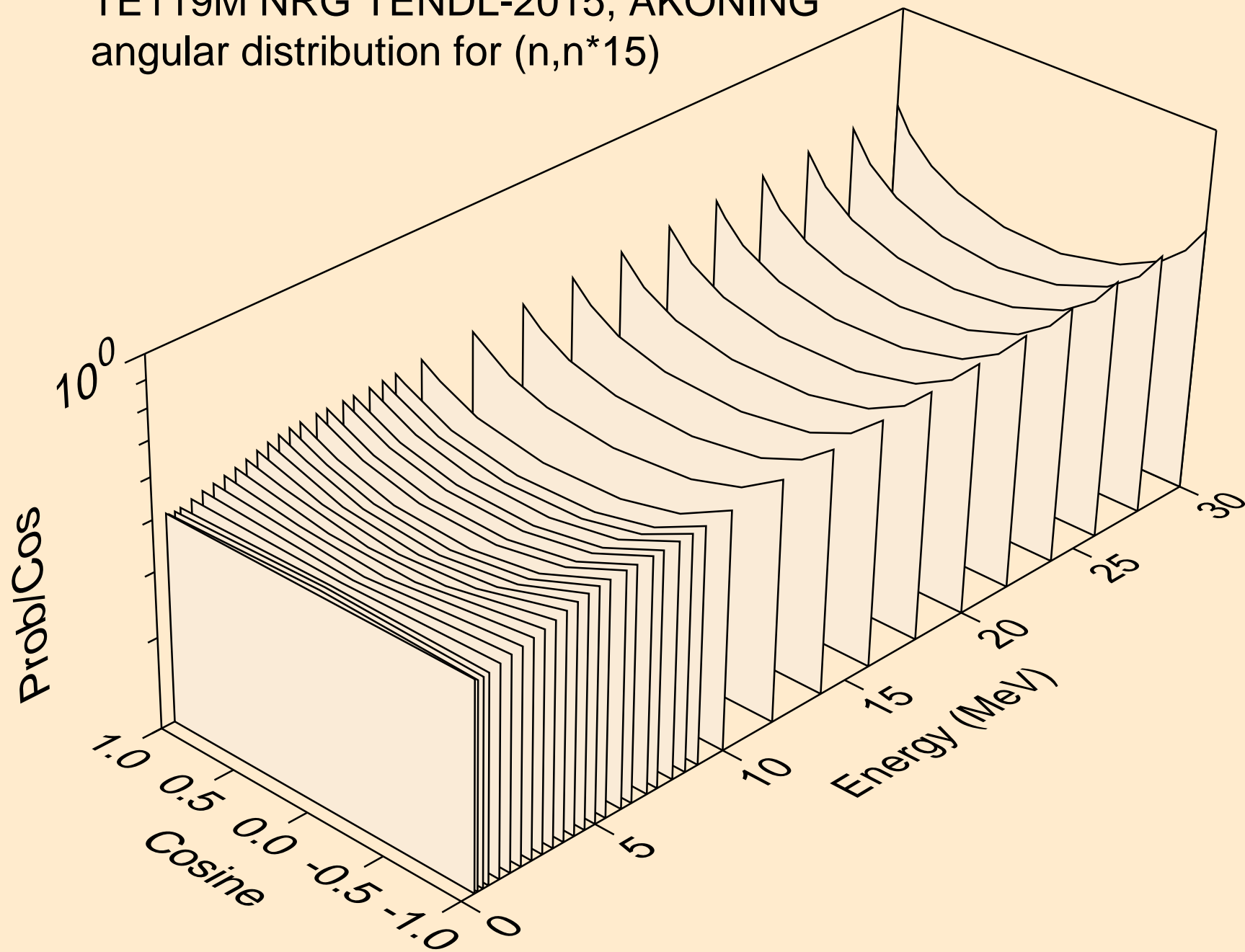


TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

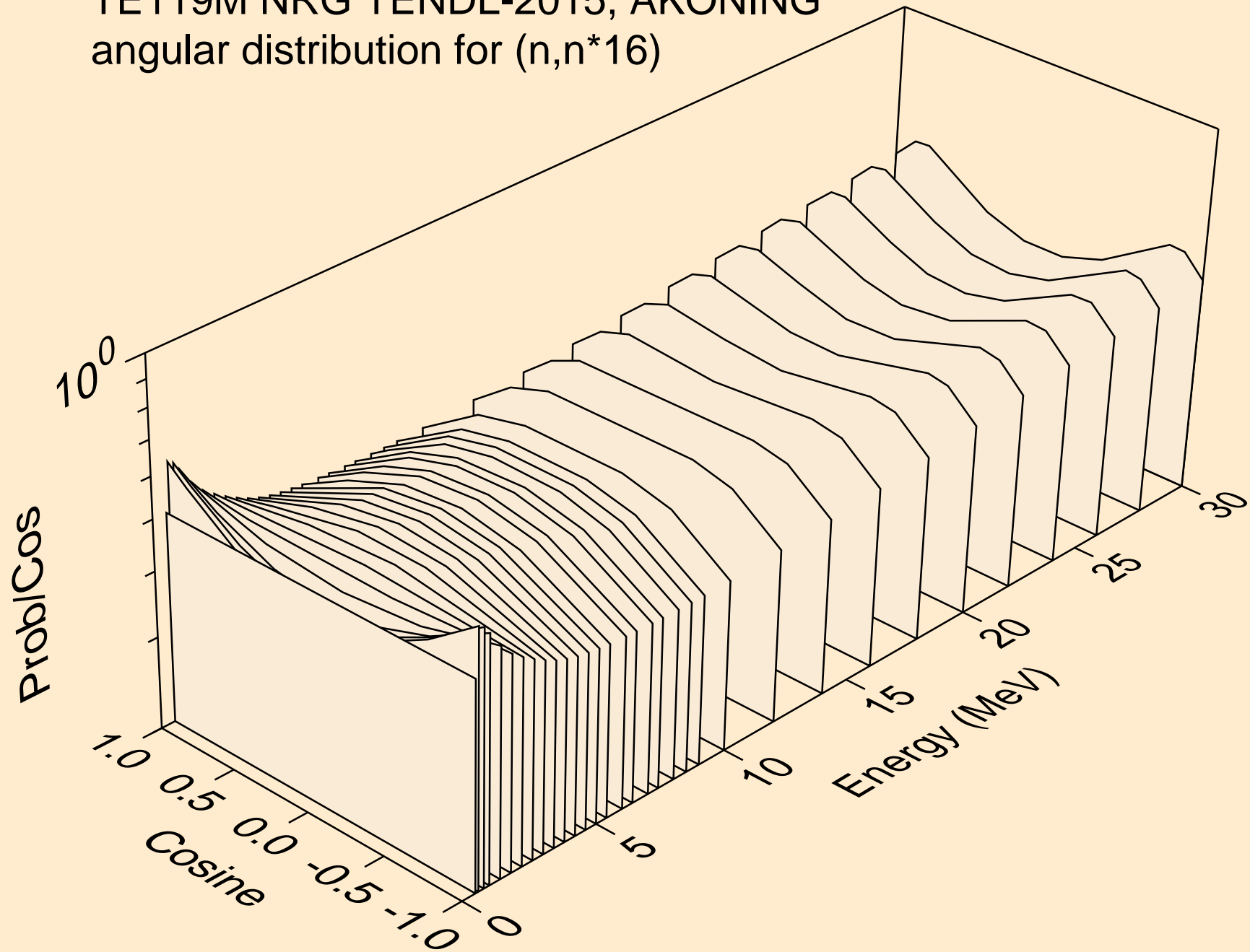




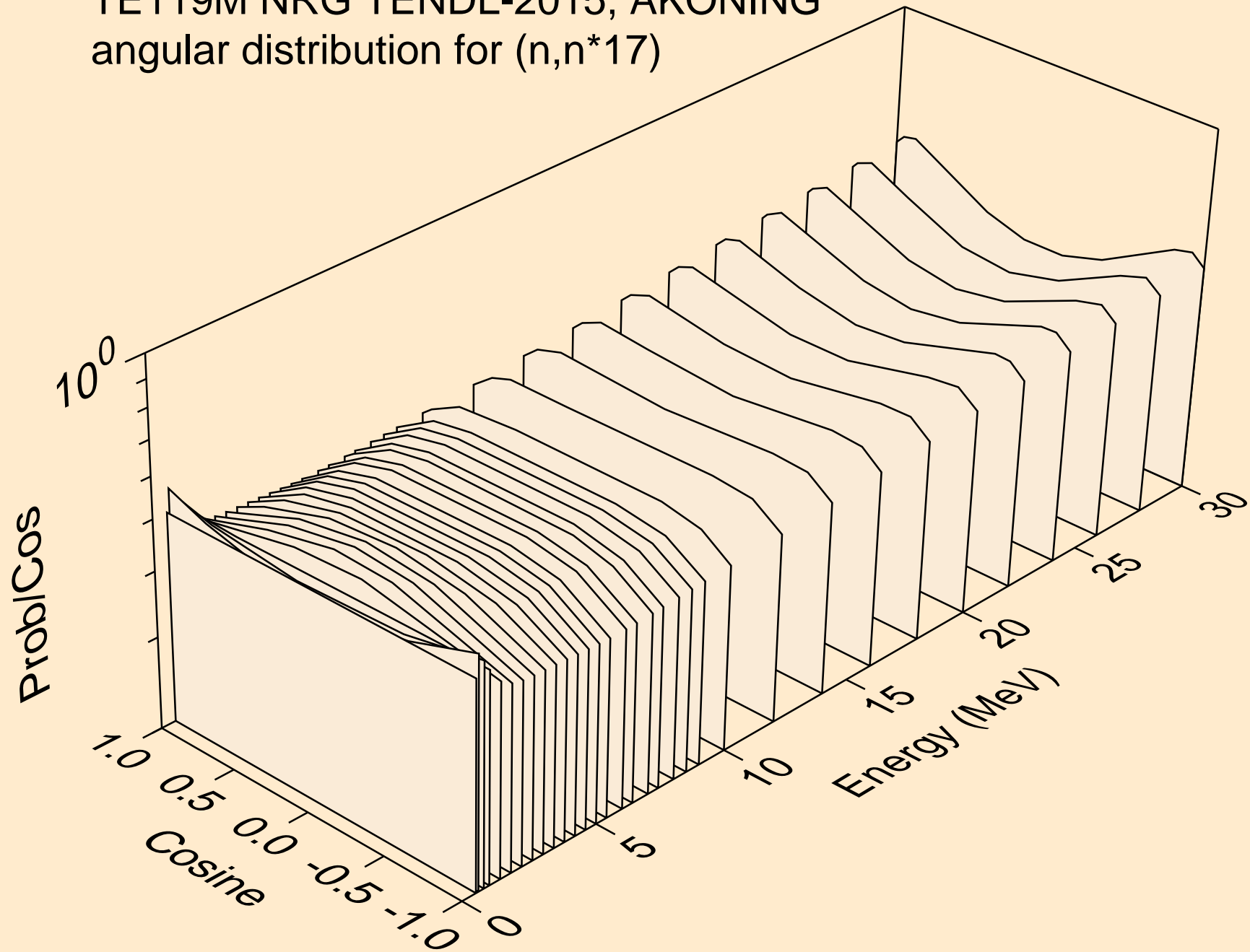
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



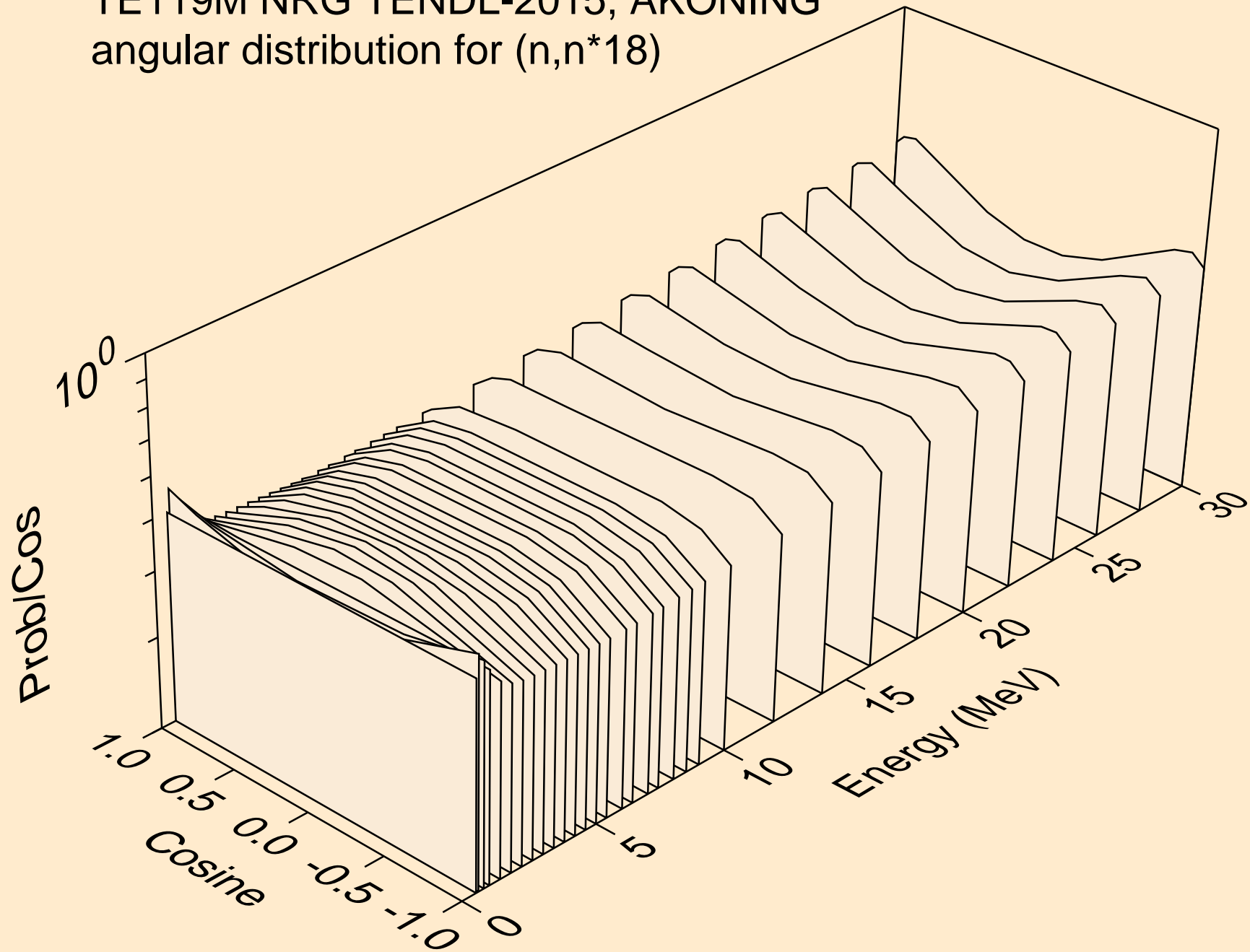
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



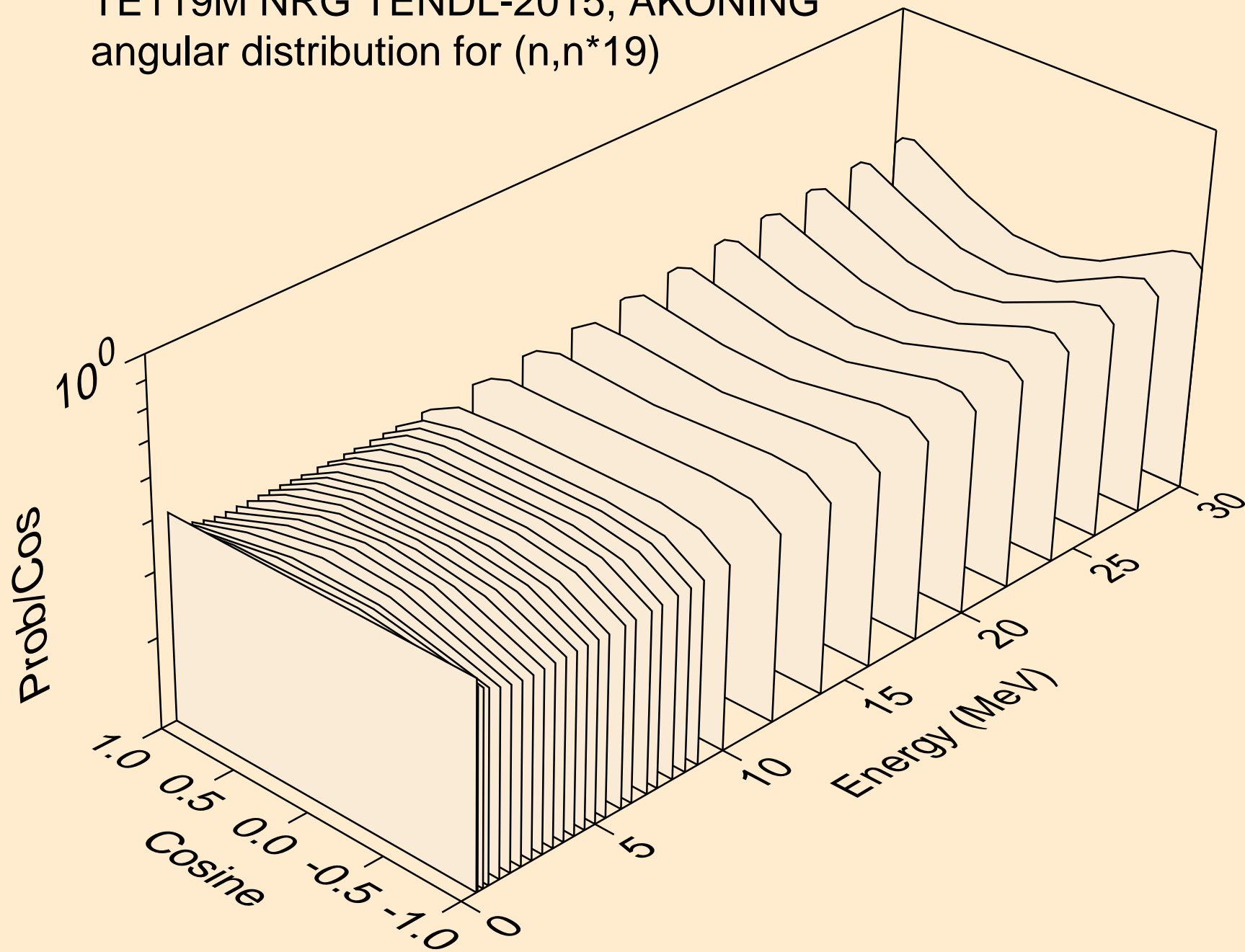
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



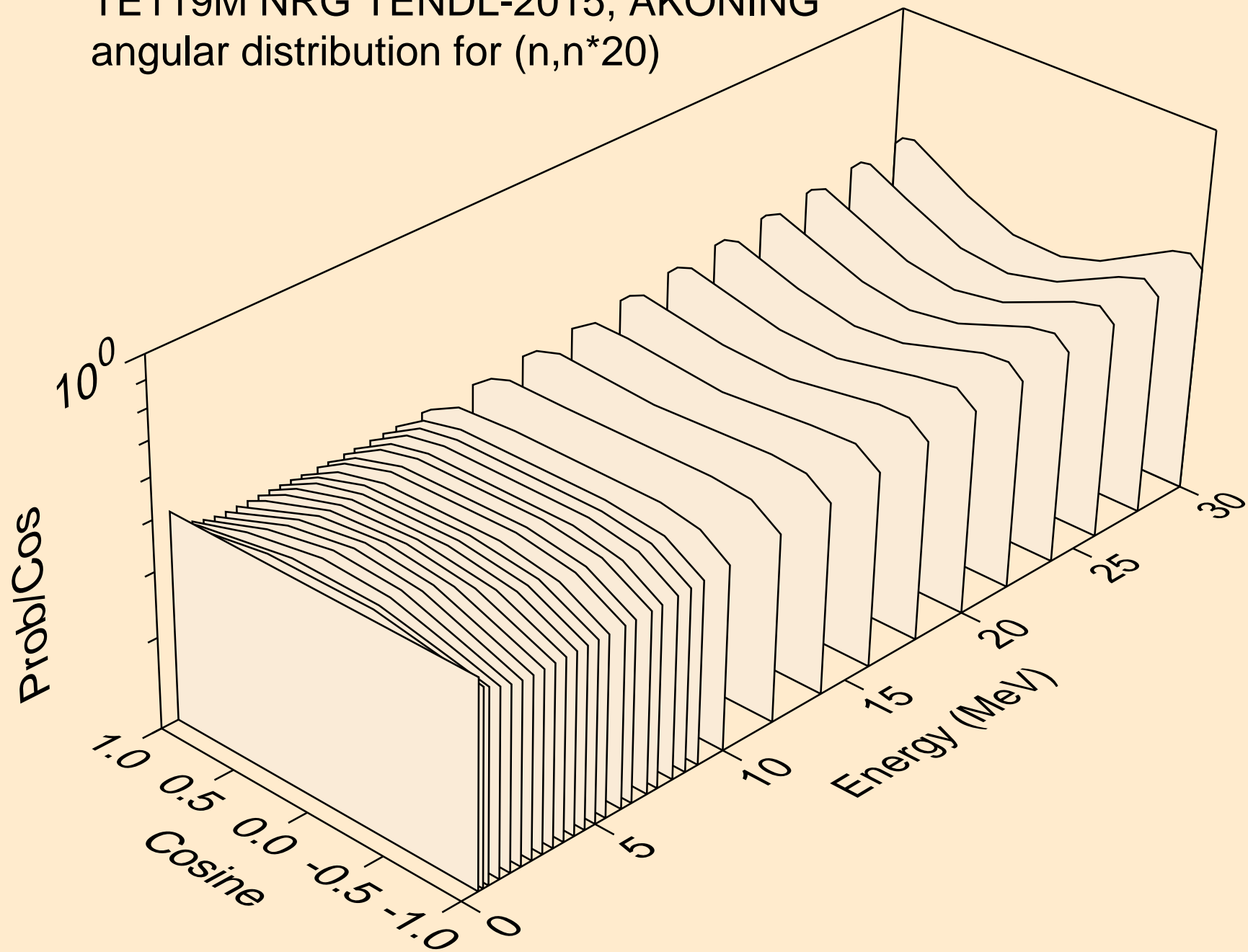
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



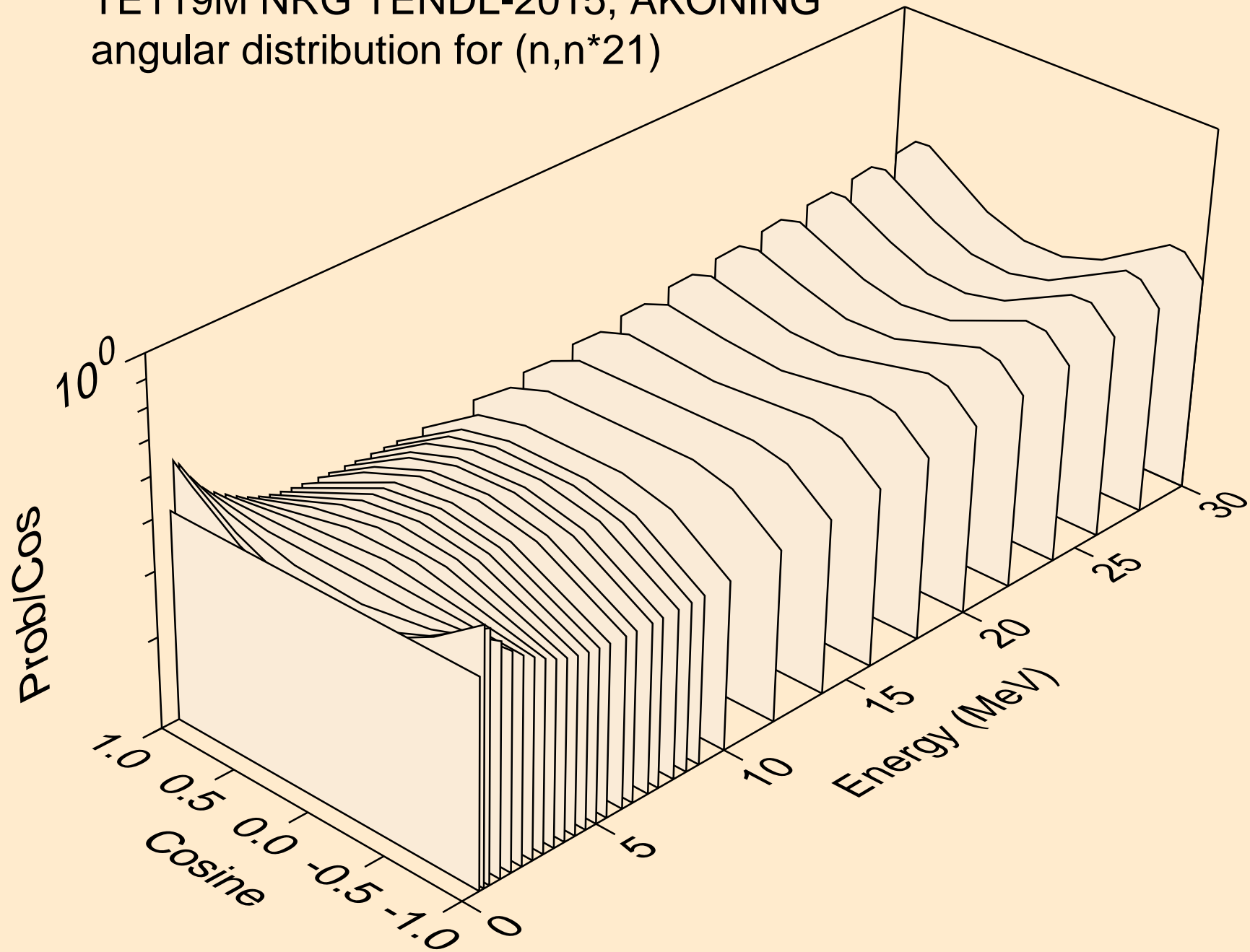
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



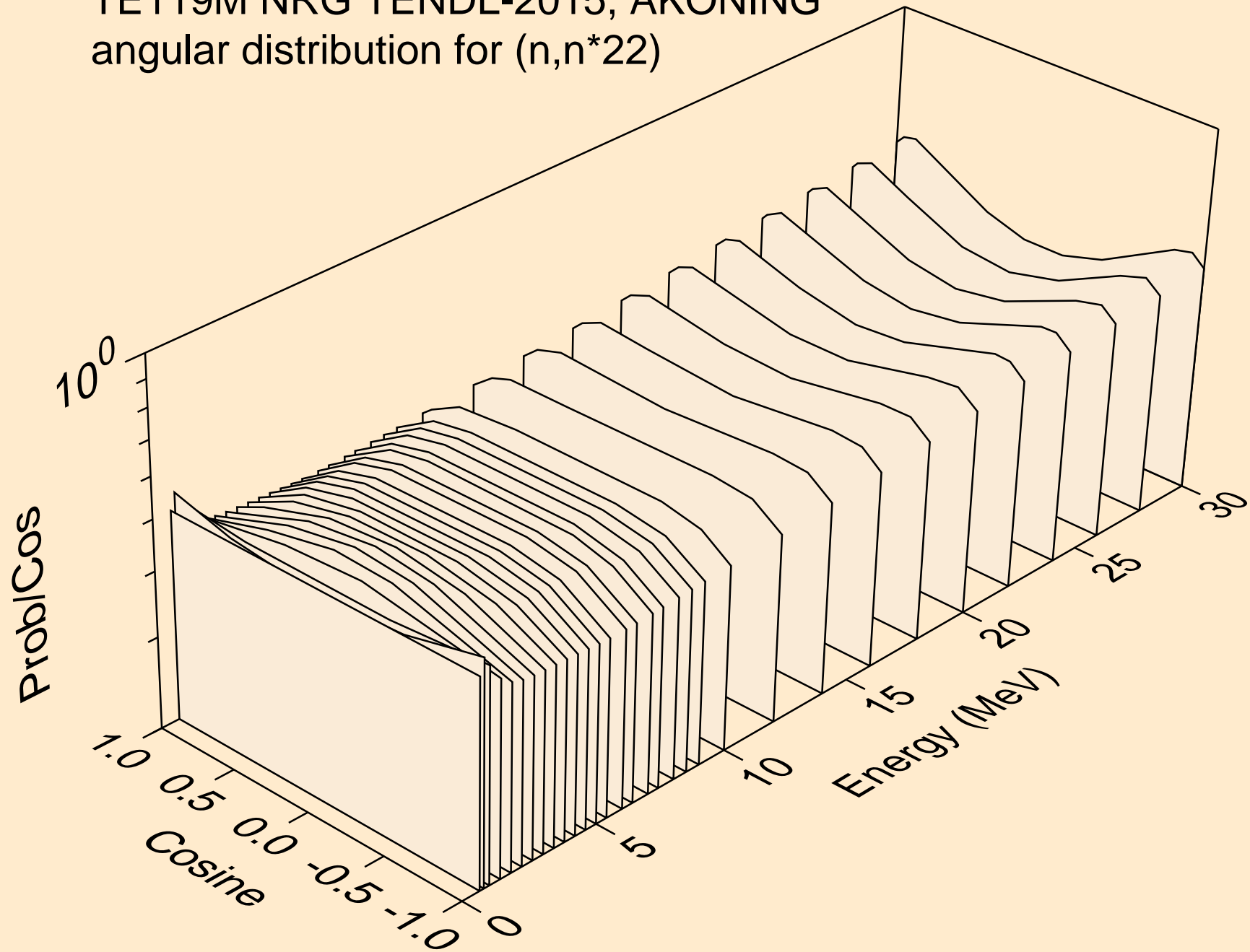
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

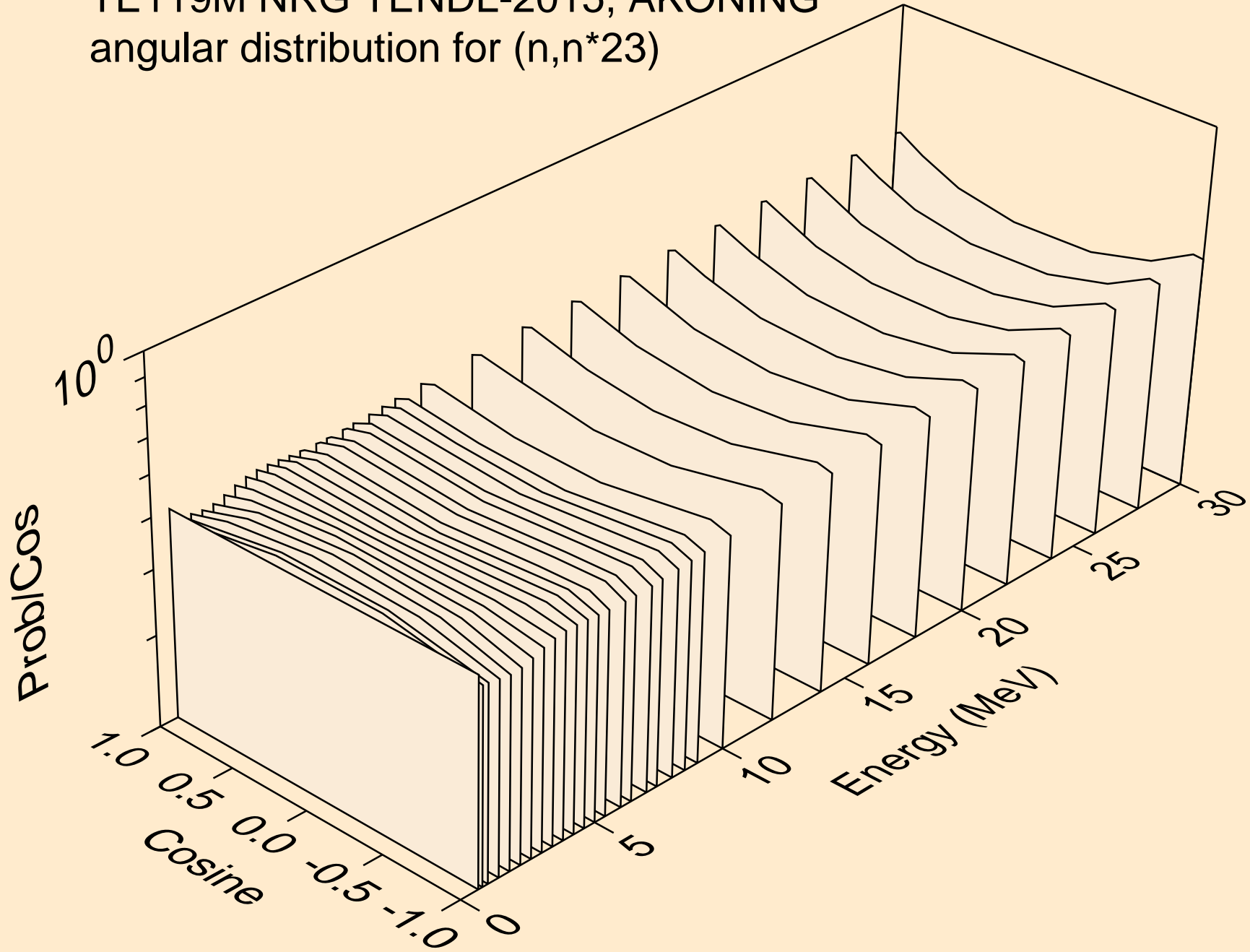


TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

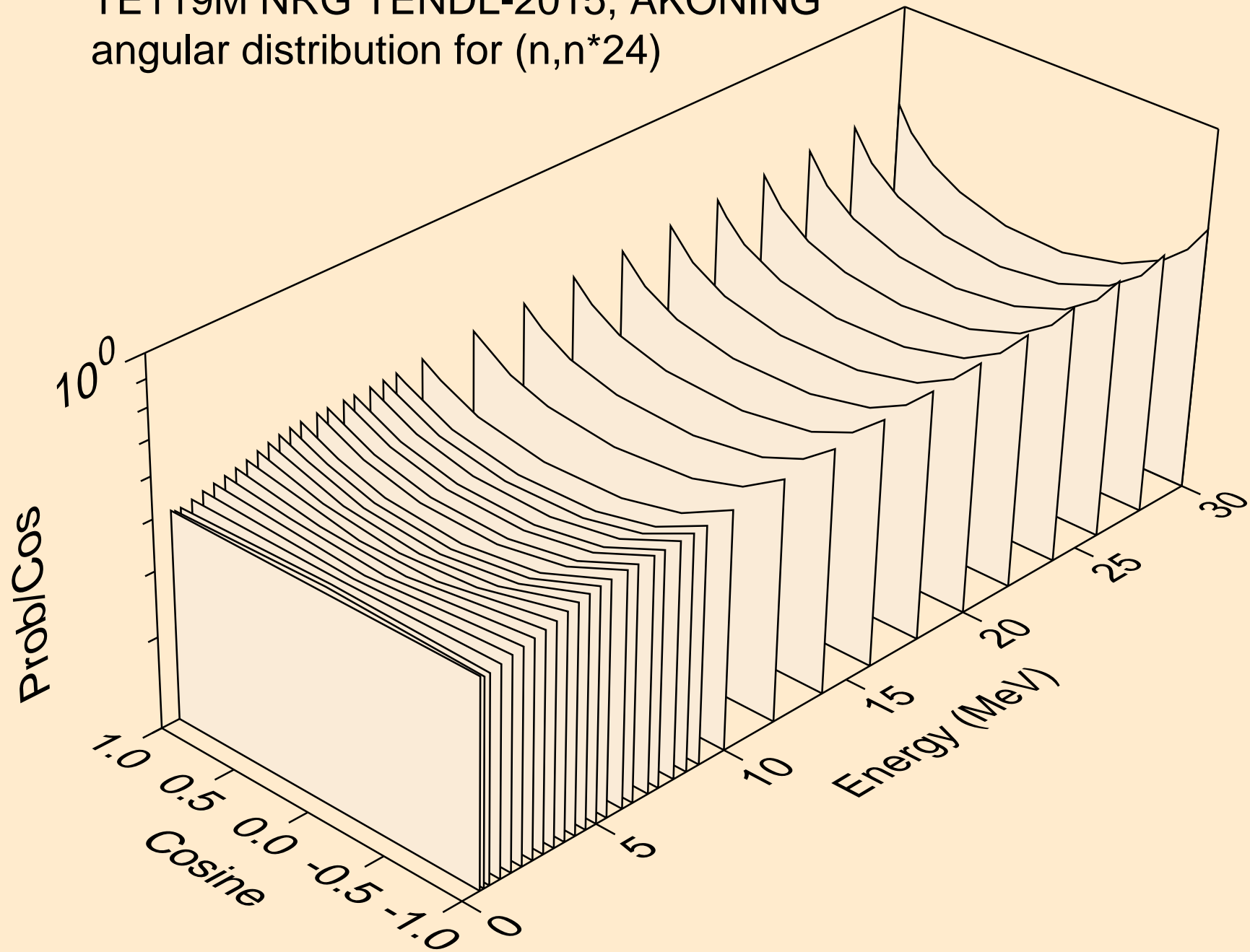




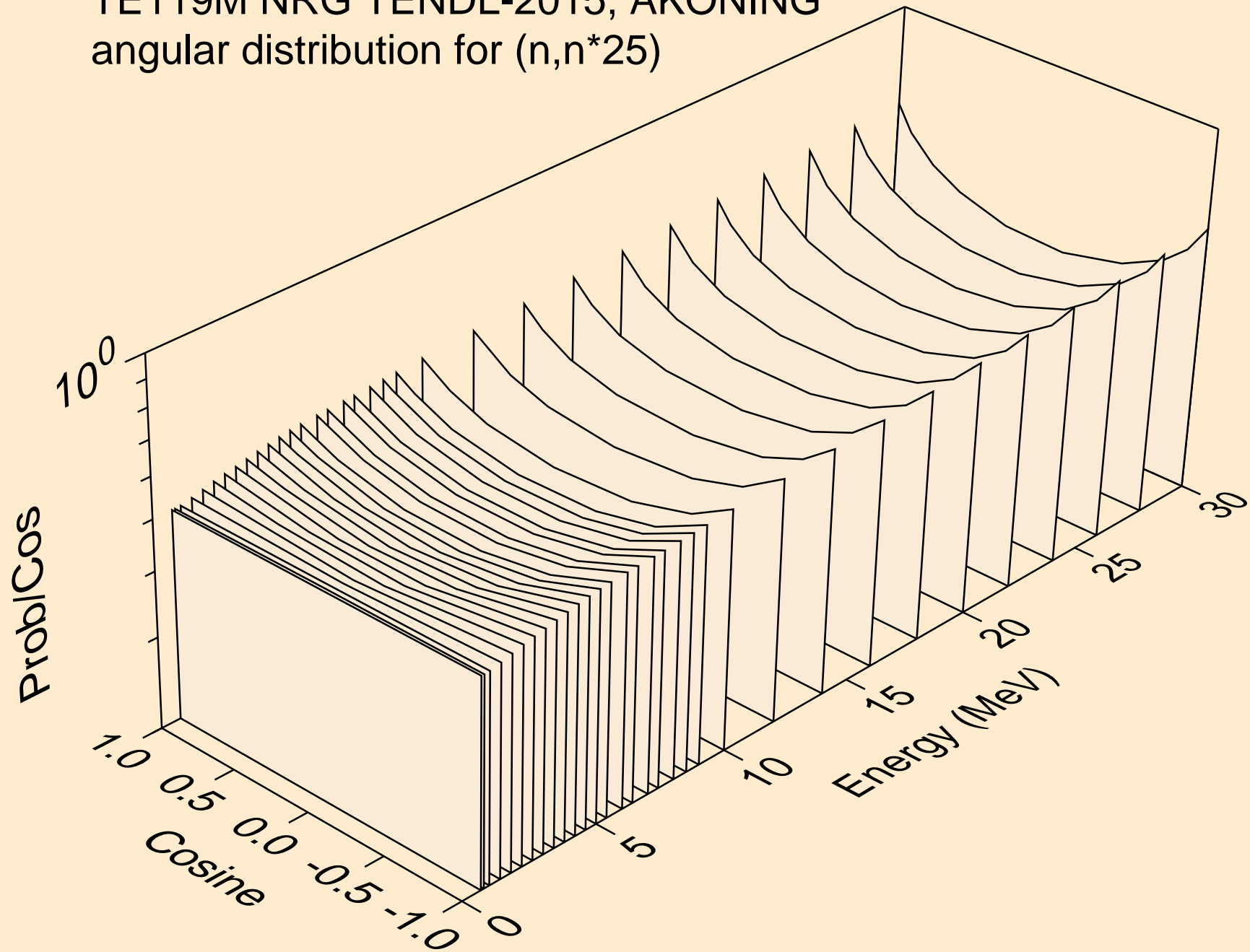
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



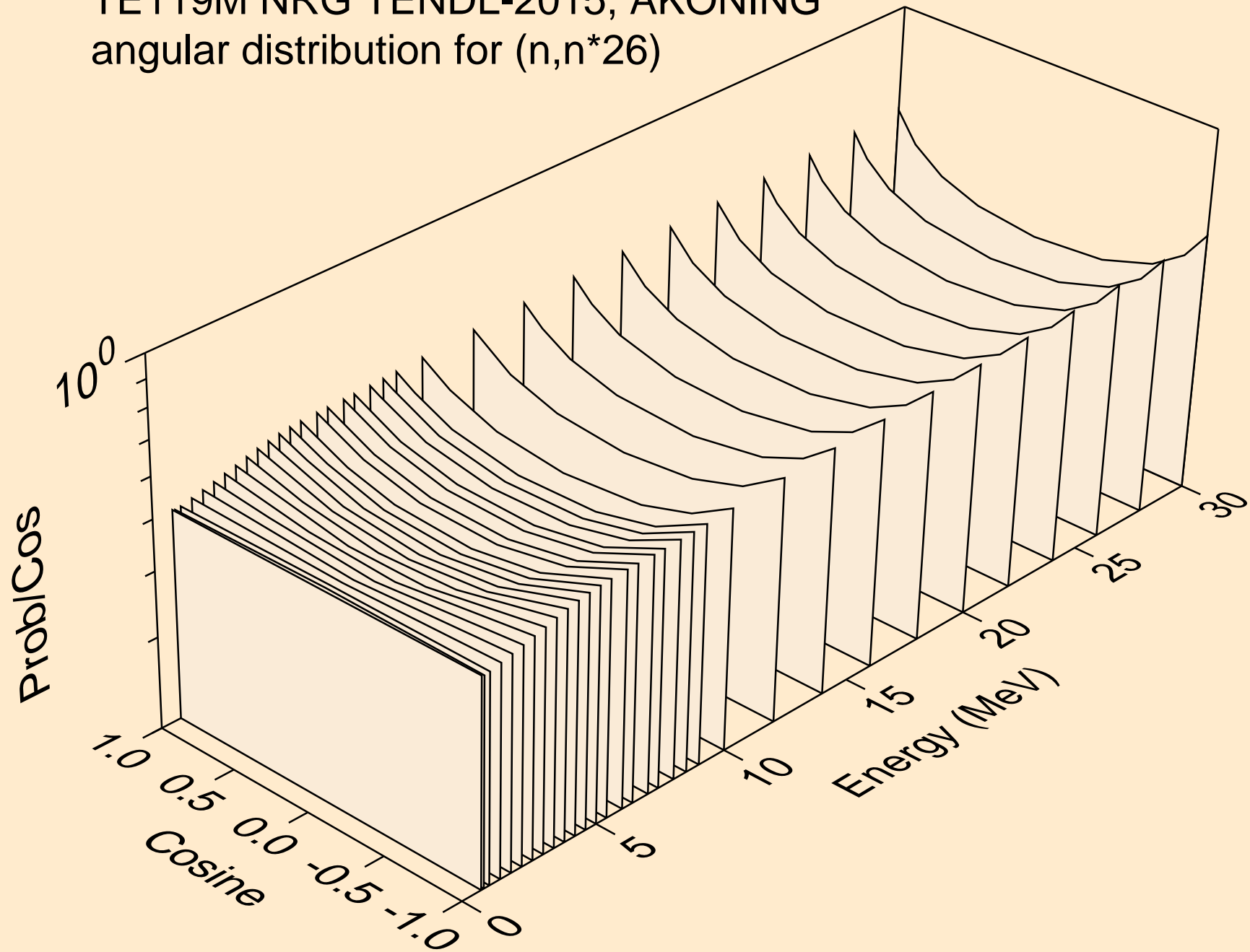
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



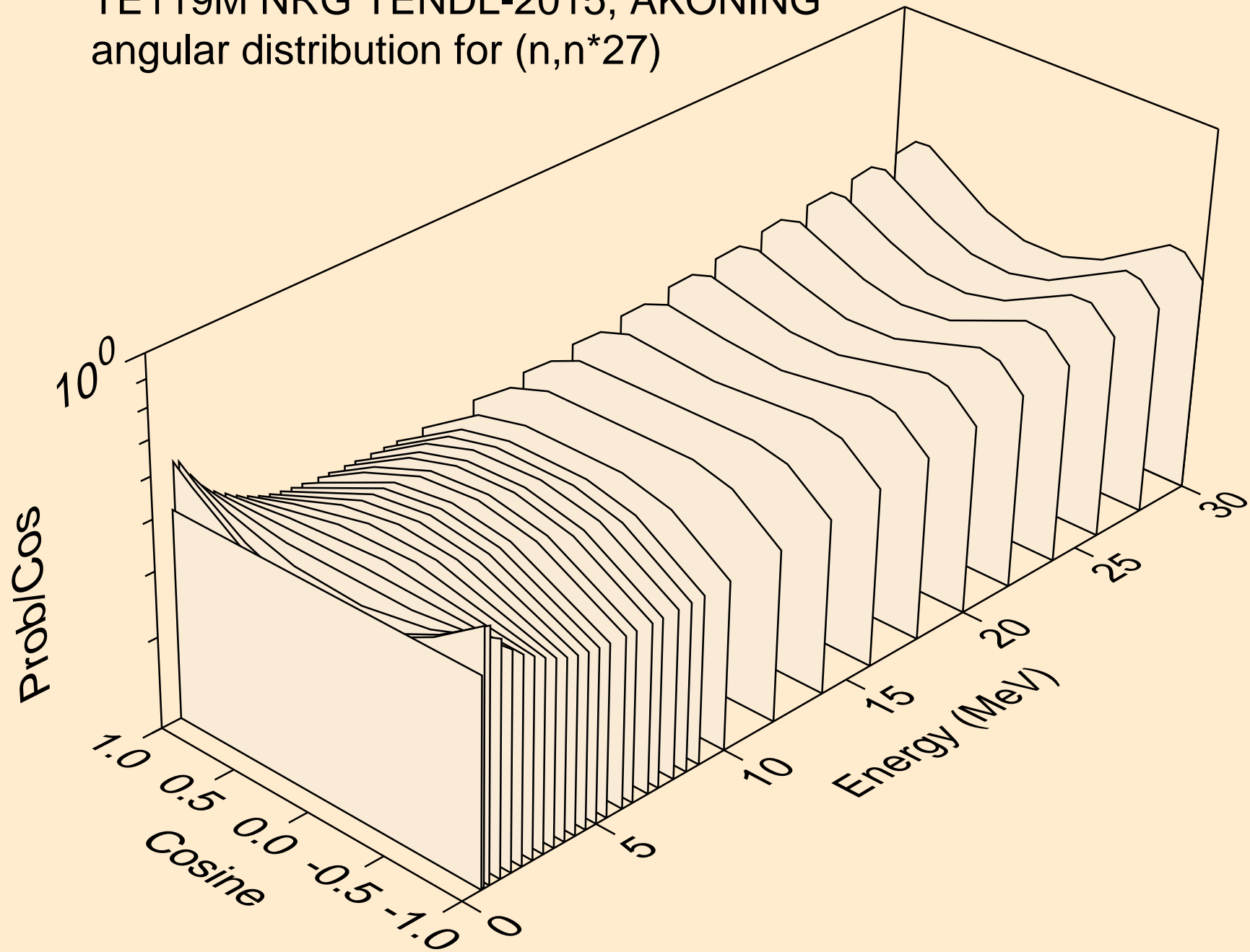
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



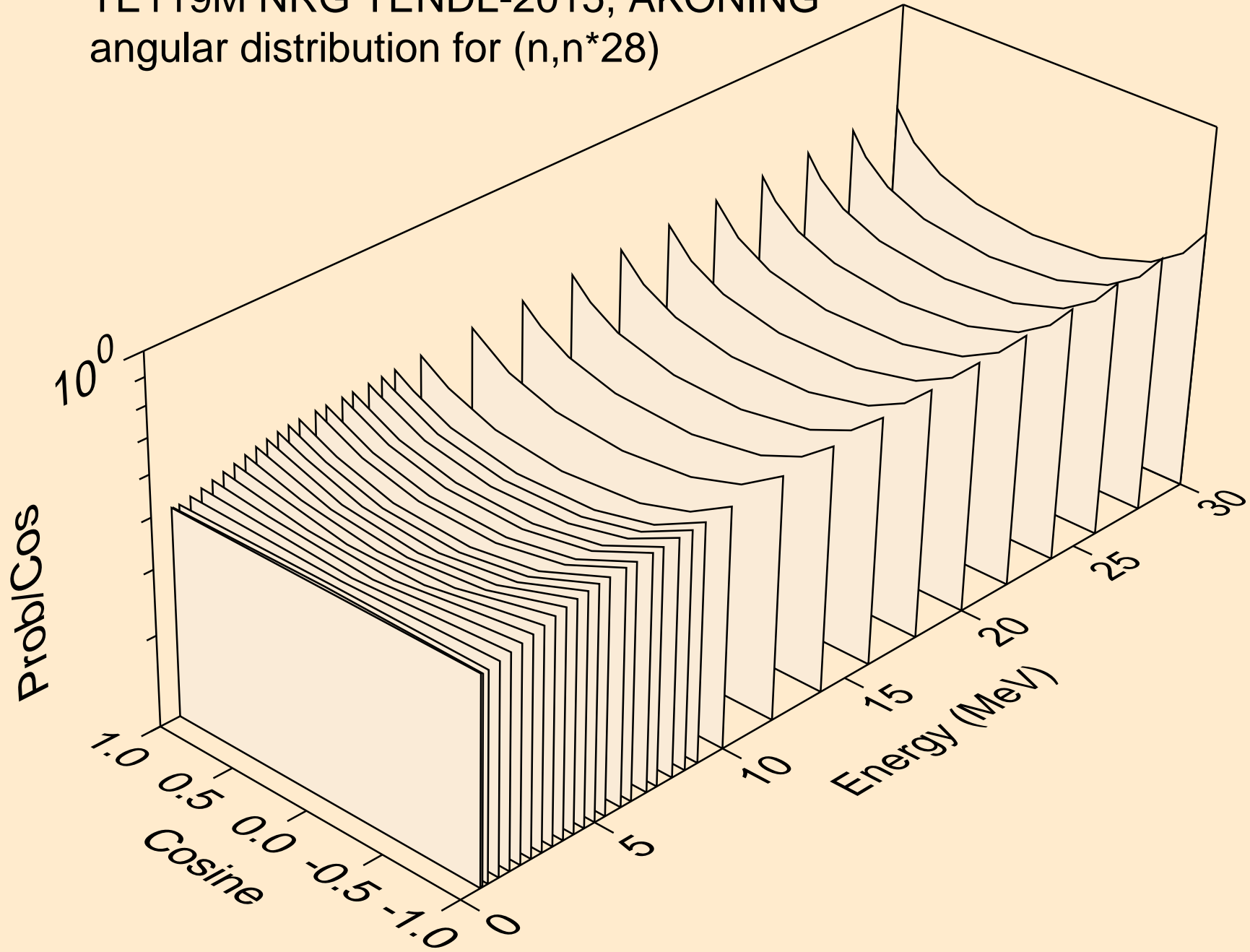
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



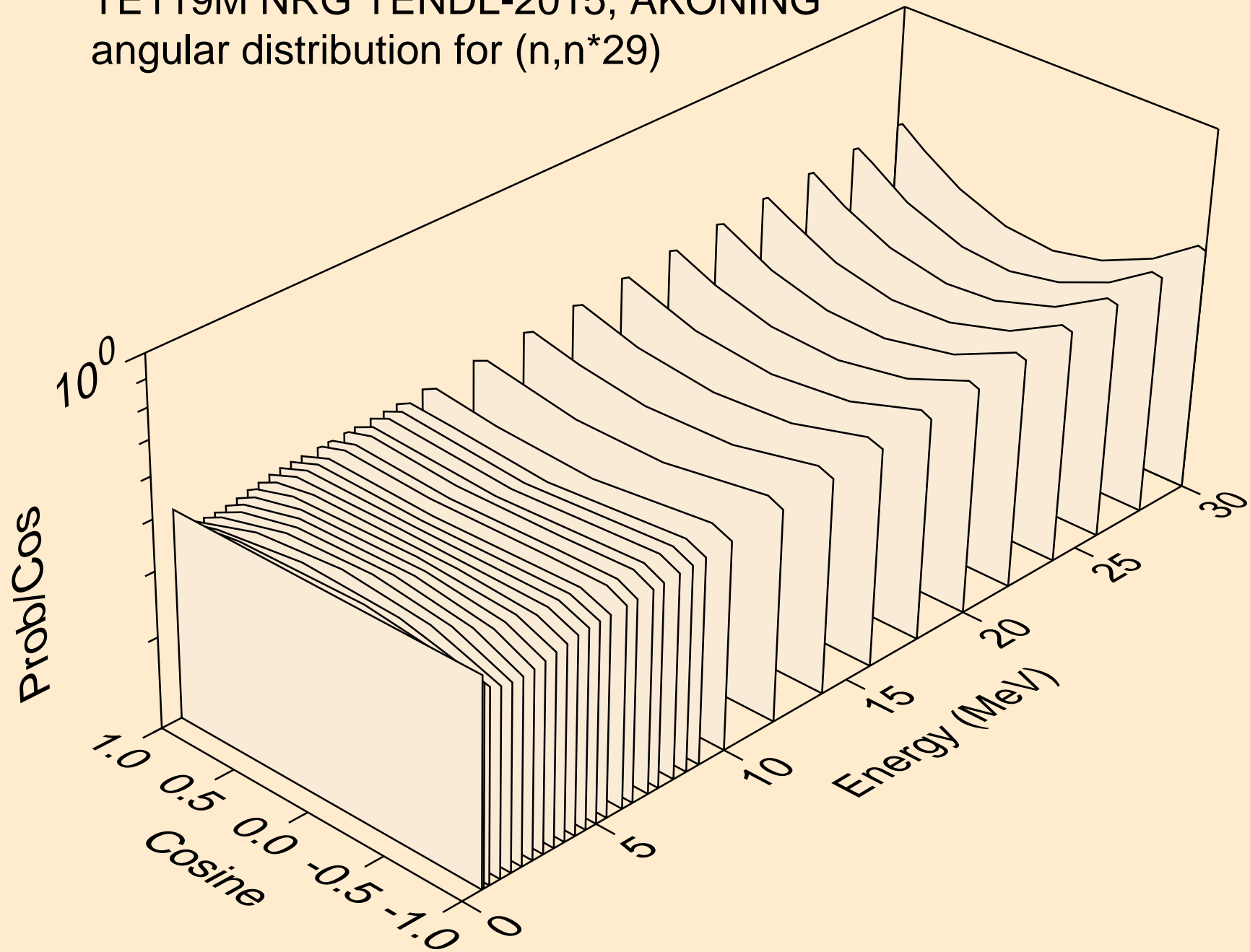
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



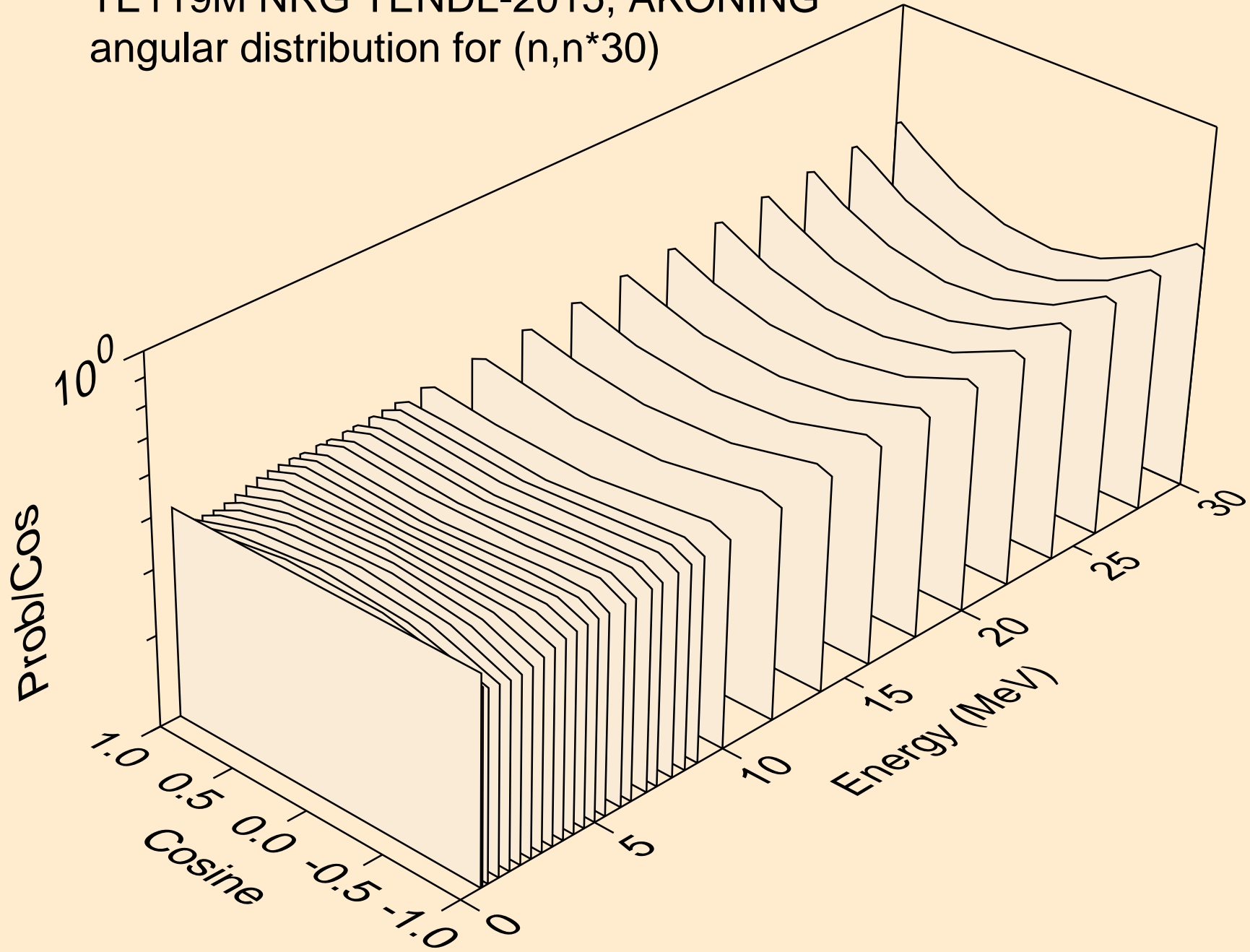
TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

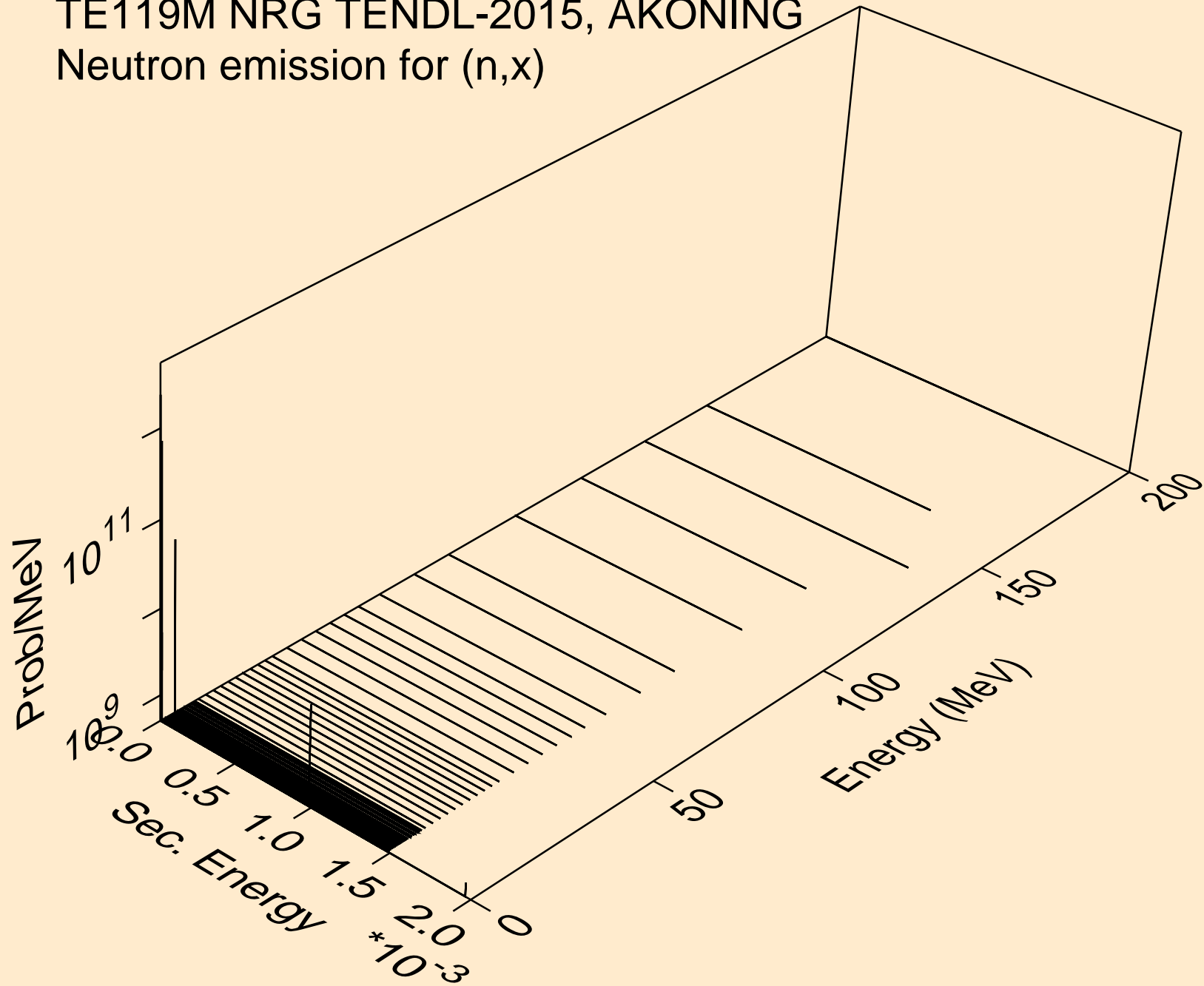


TE119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

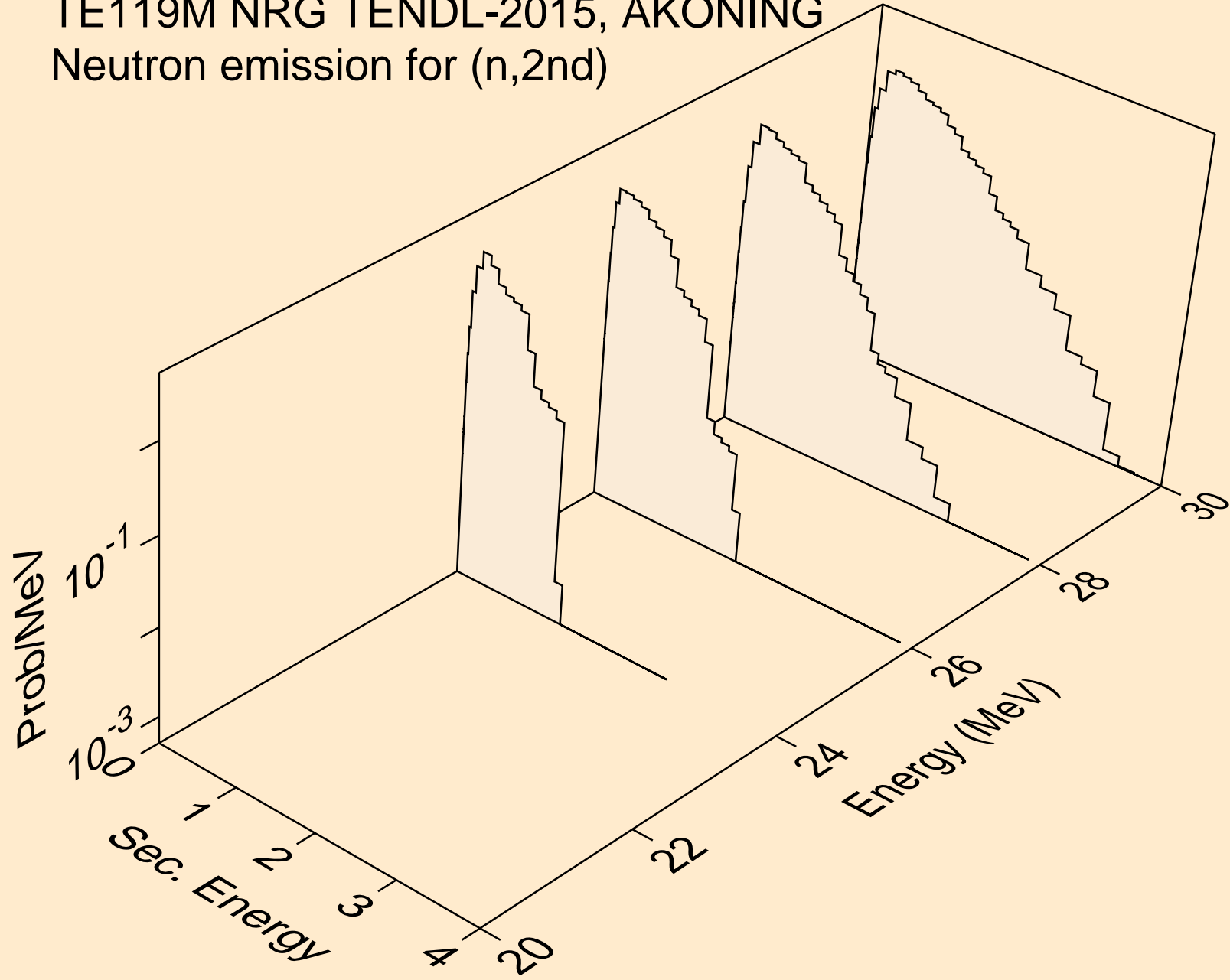




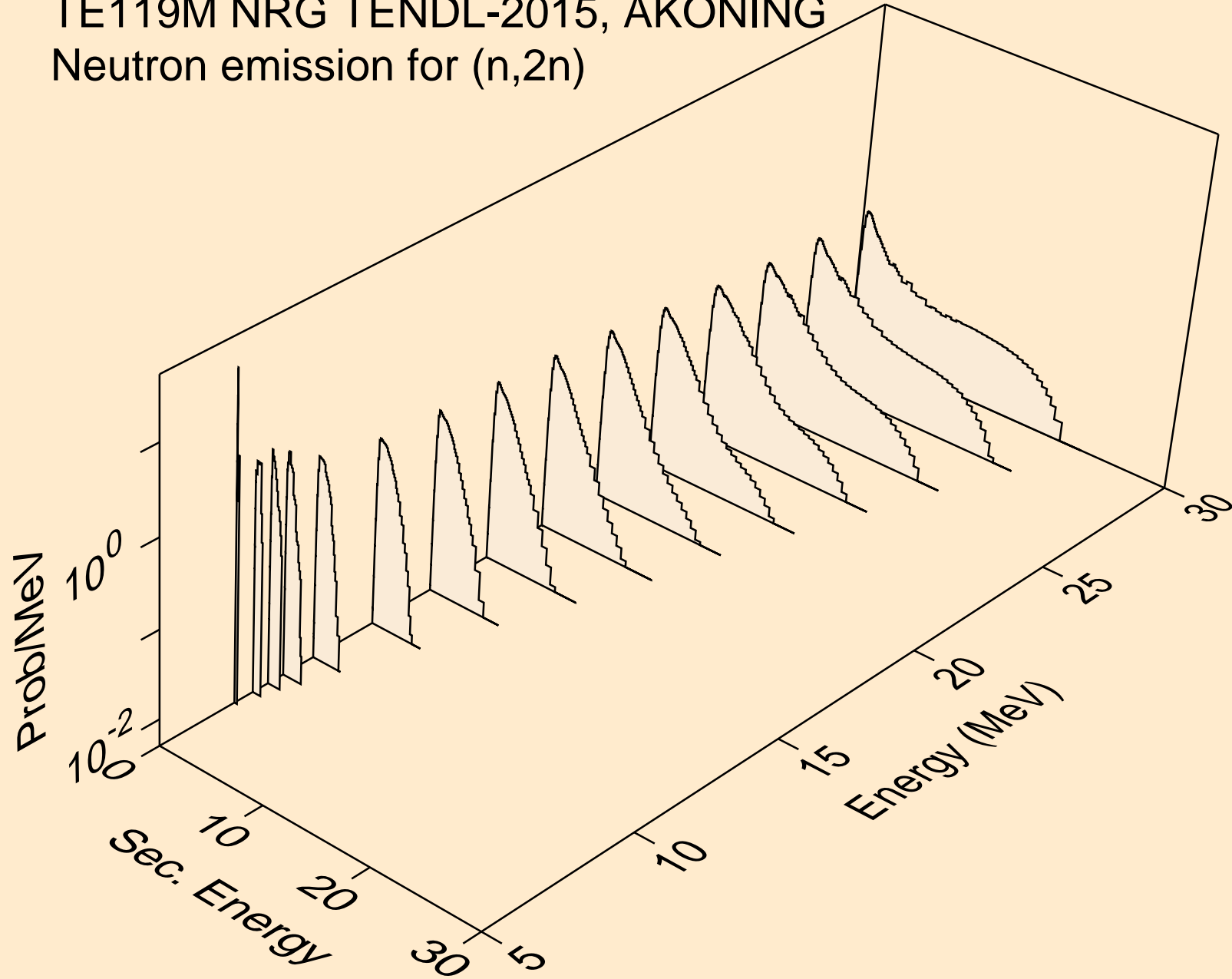
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



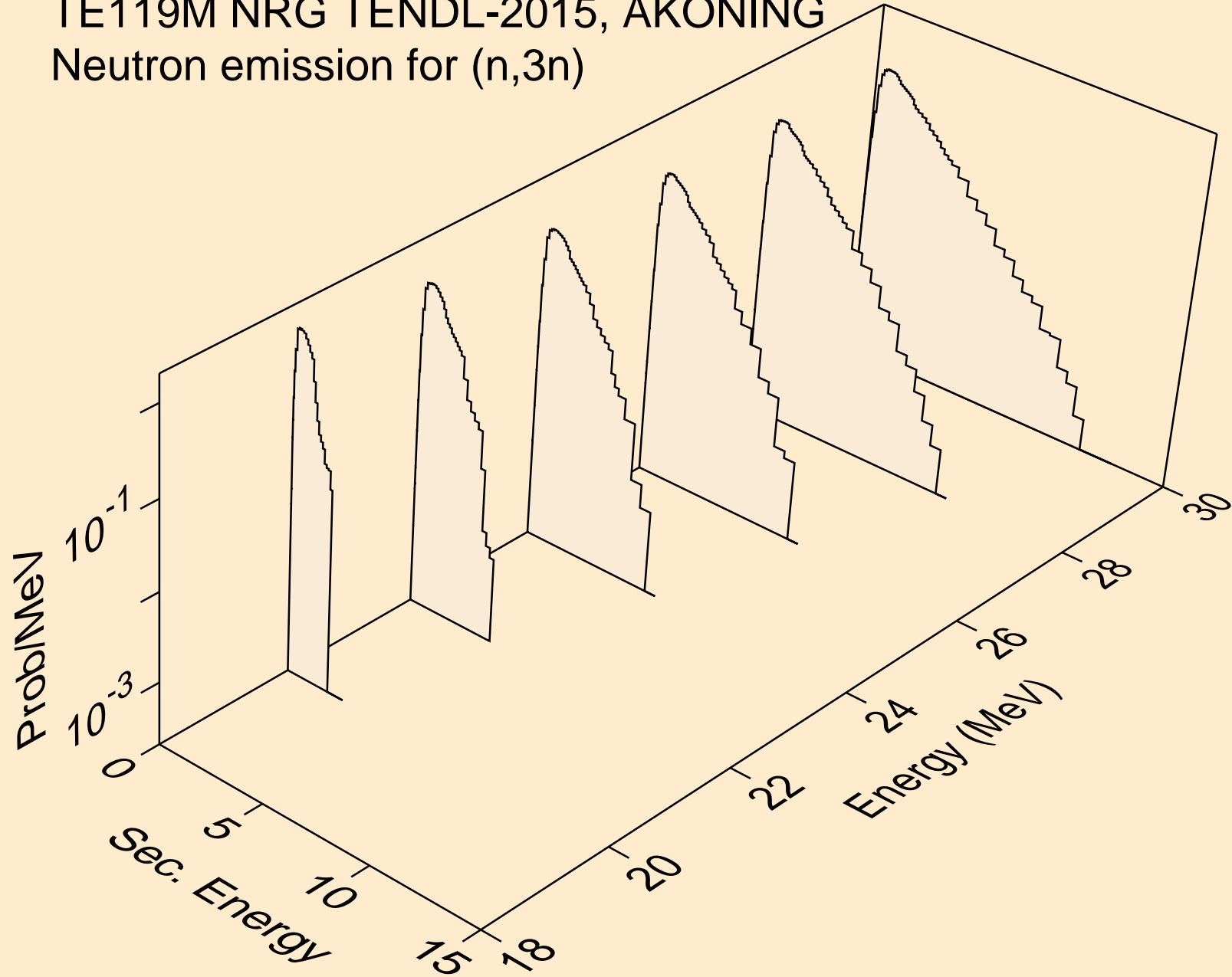
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



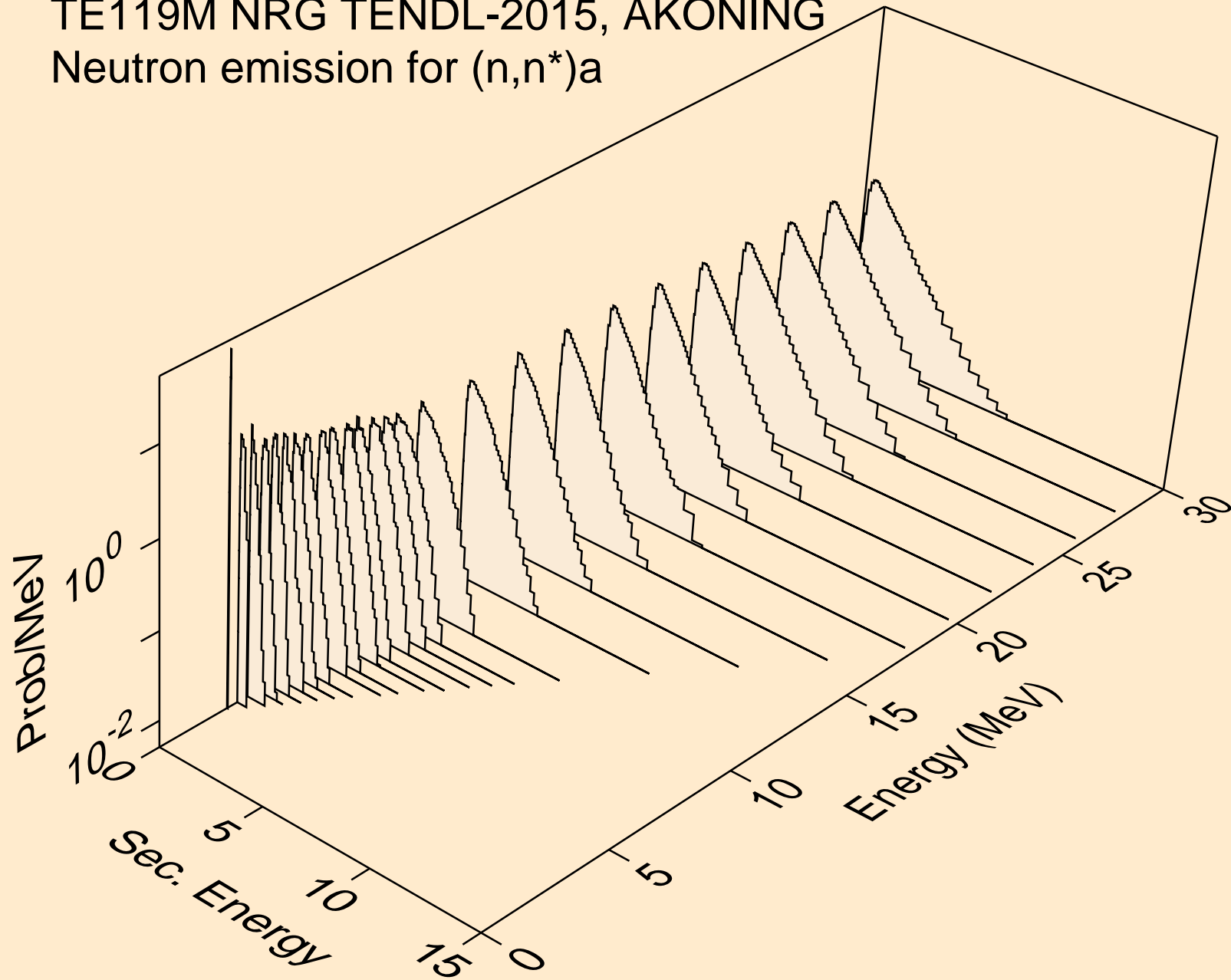
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



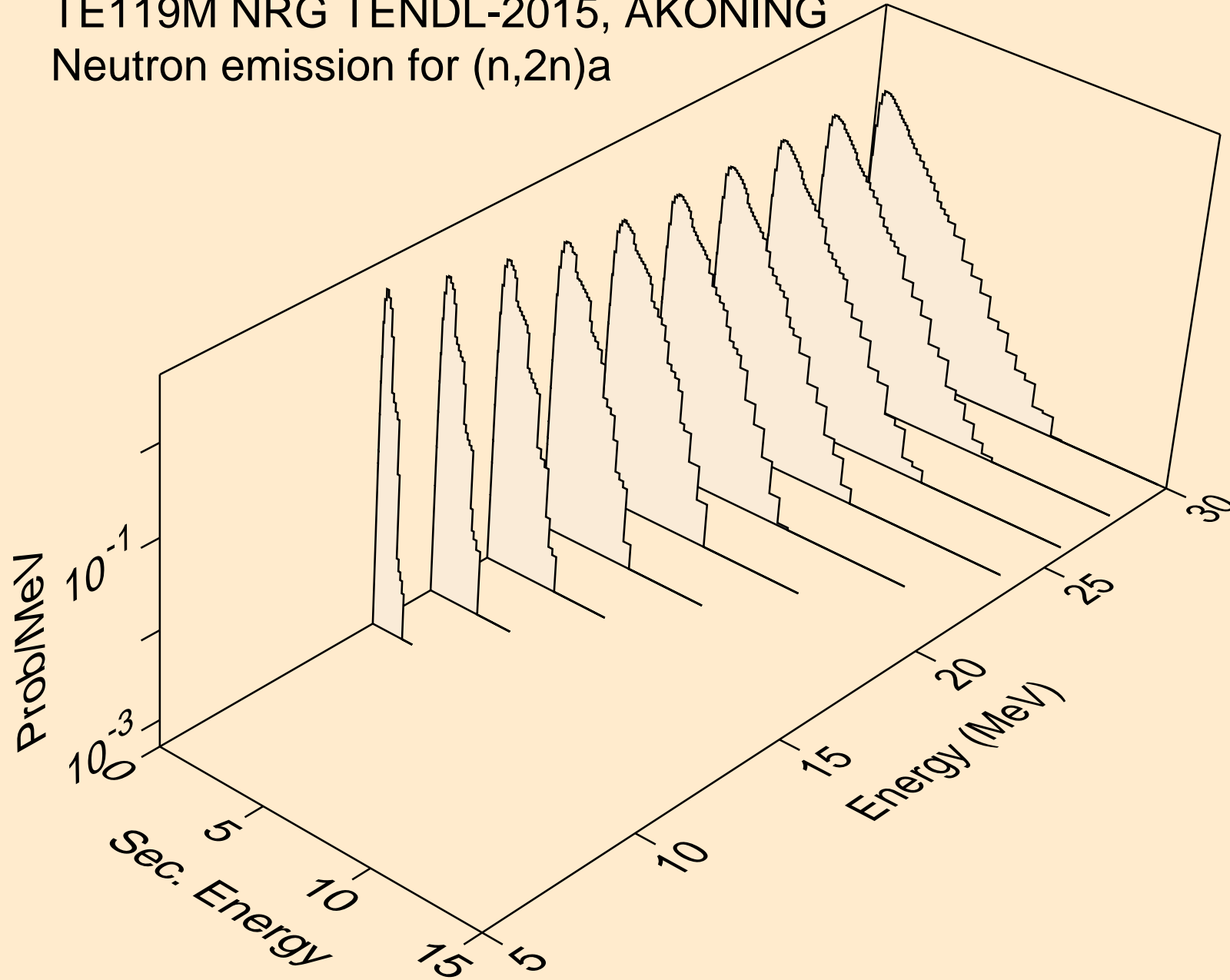
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



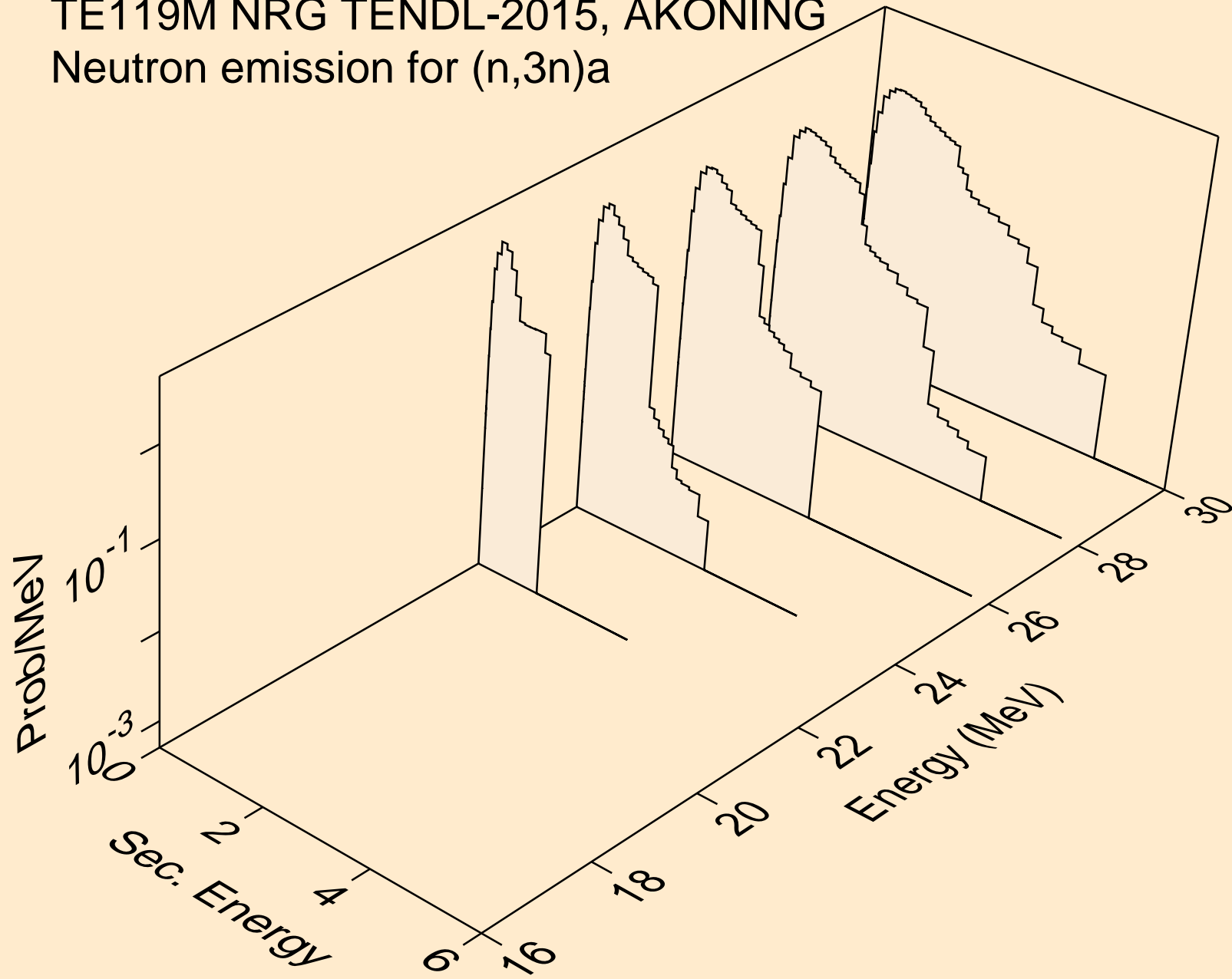
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



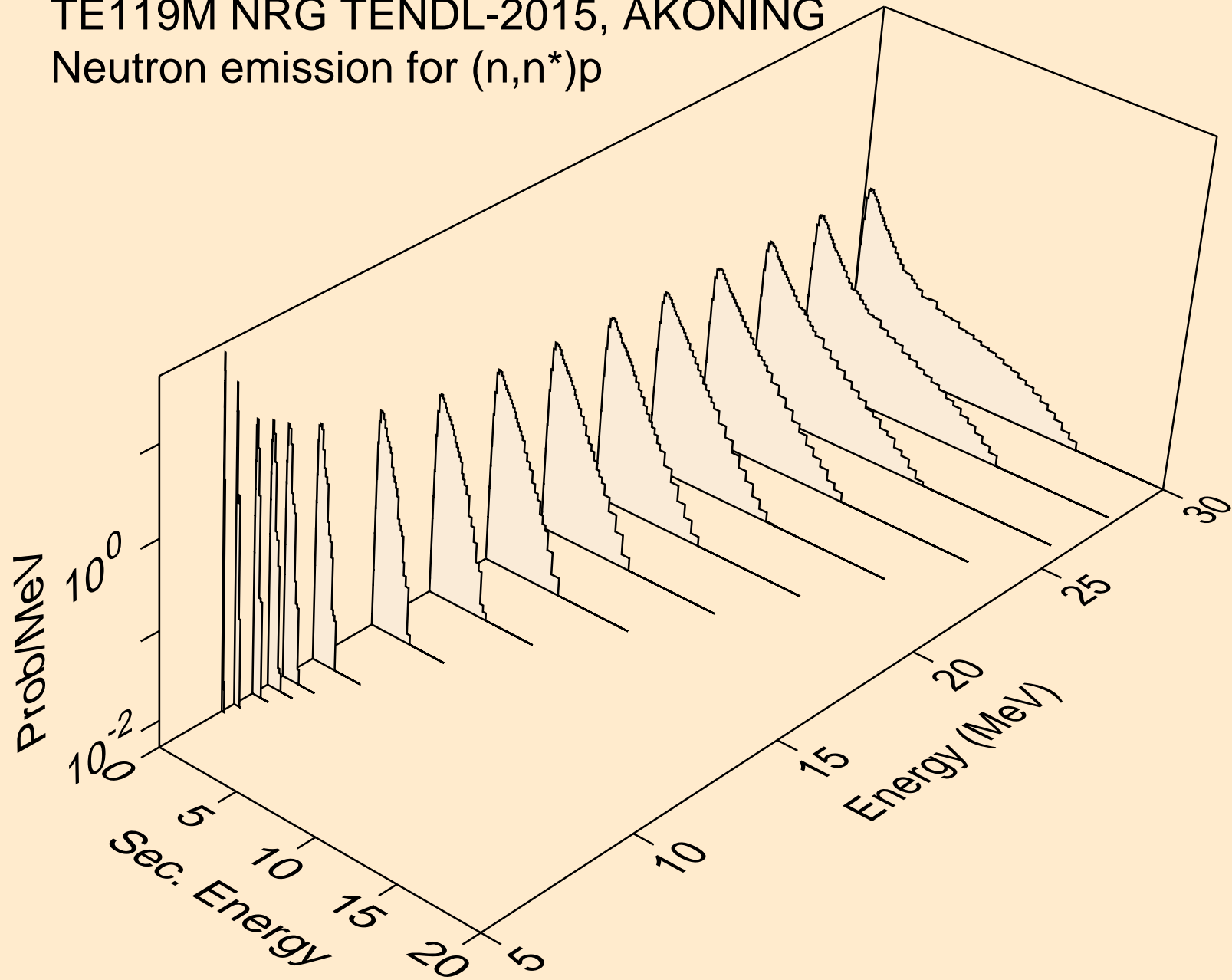
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

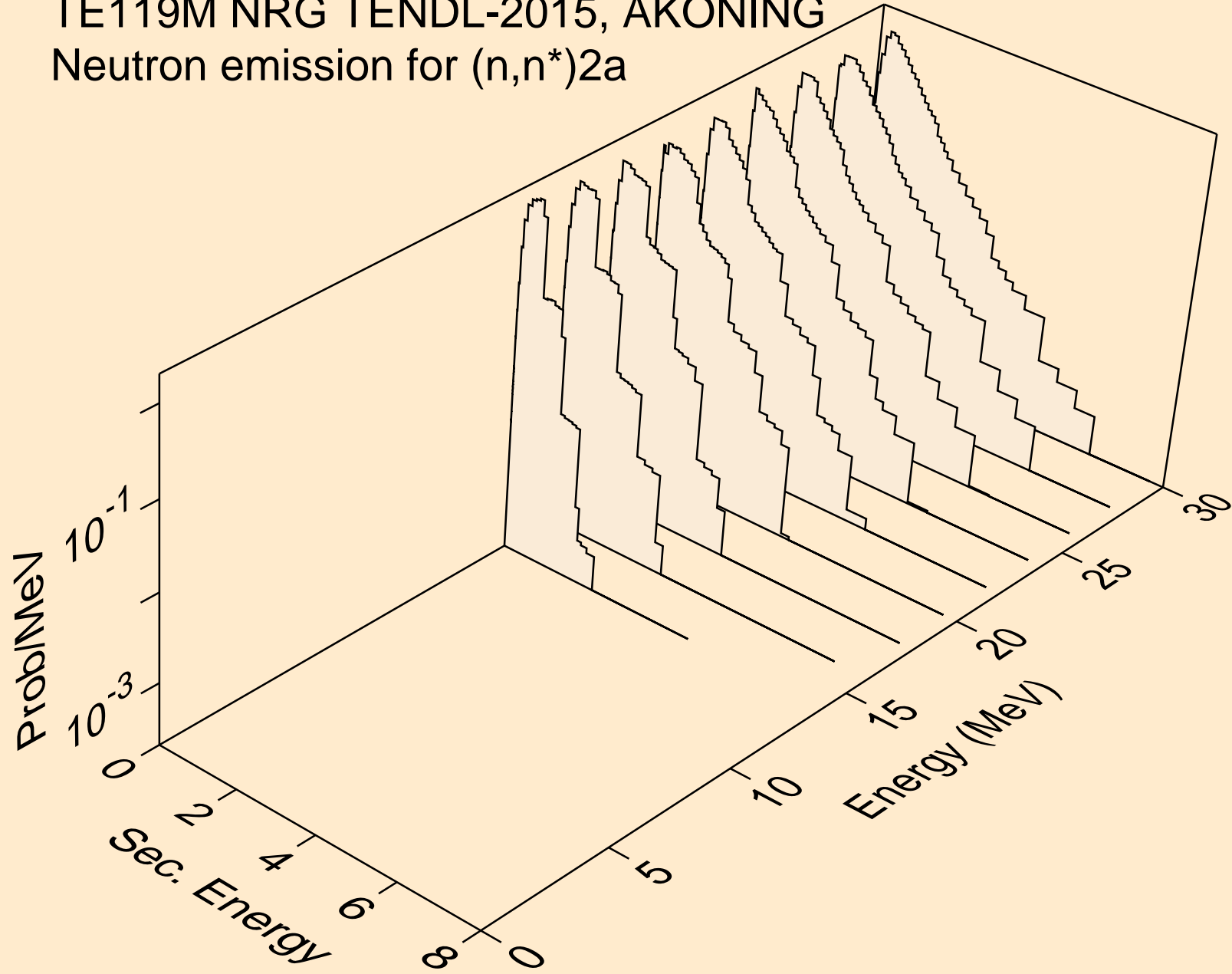


TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

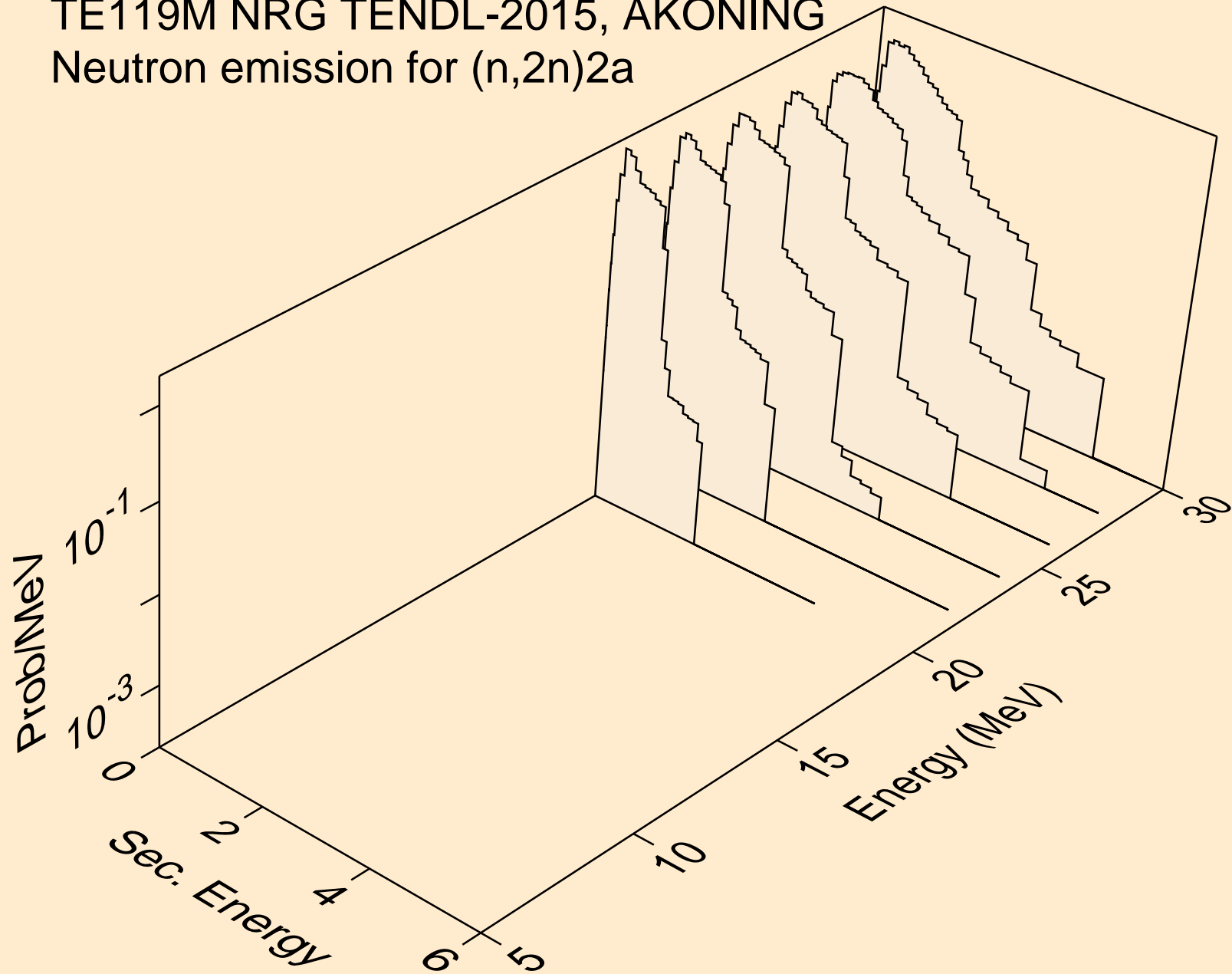




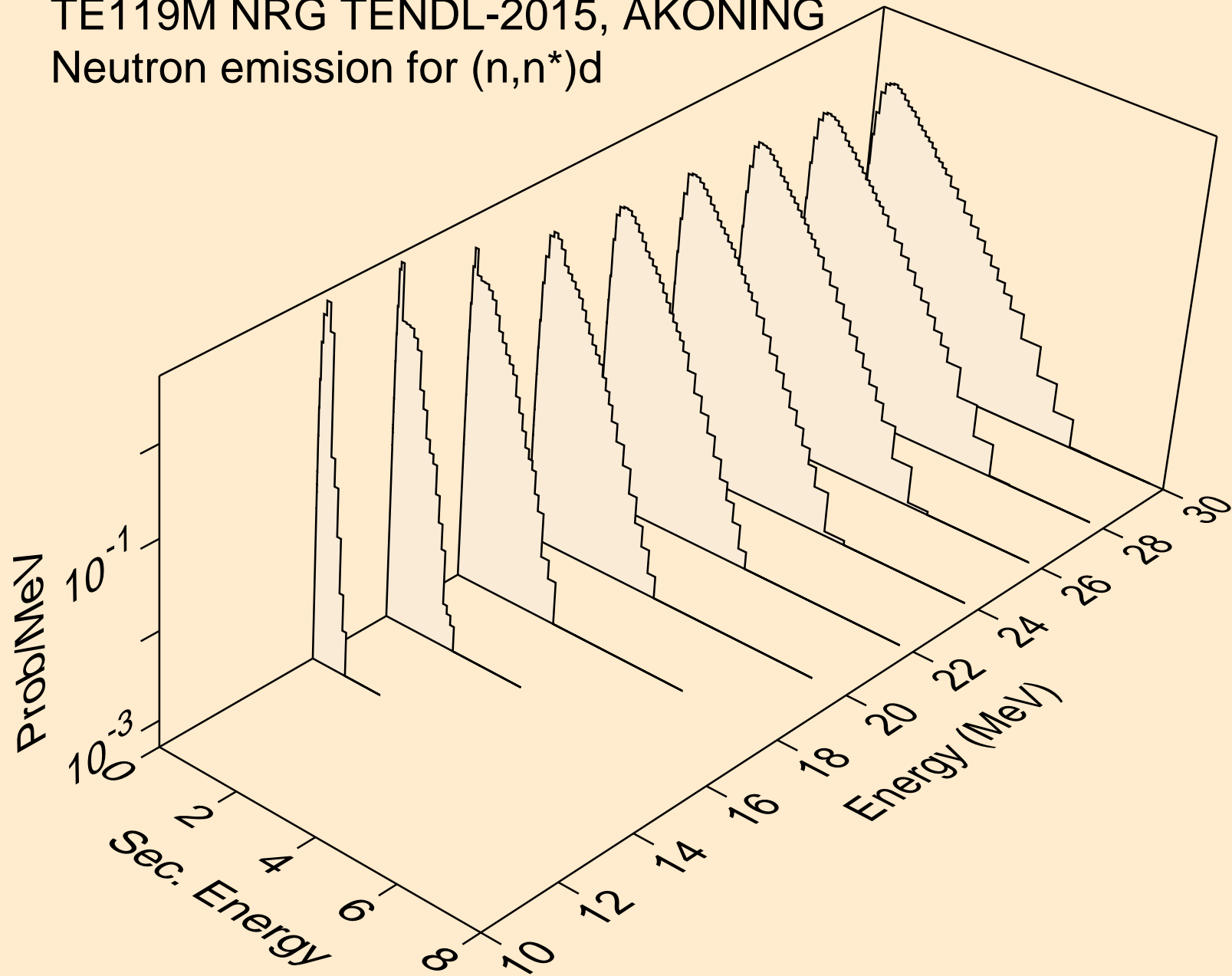
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



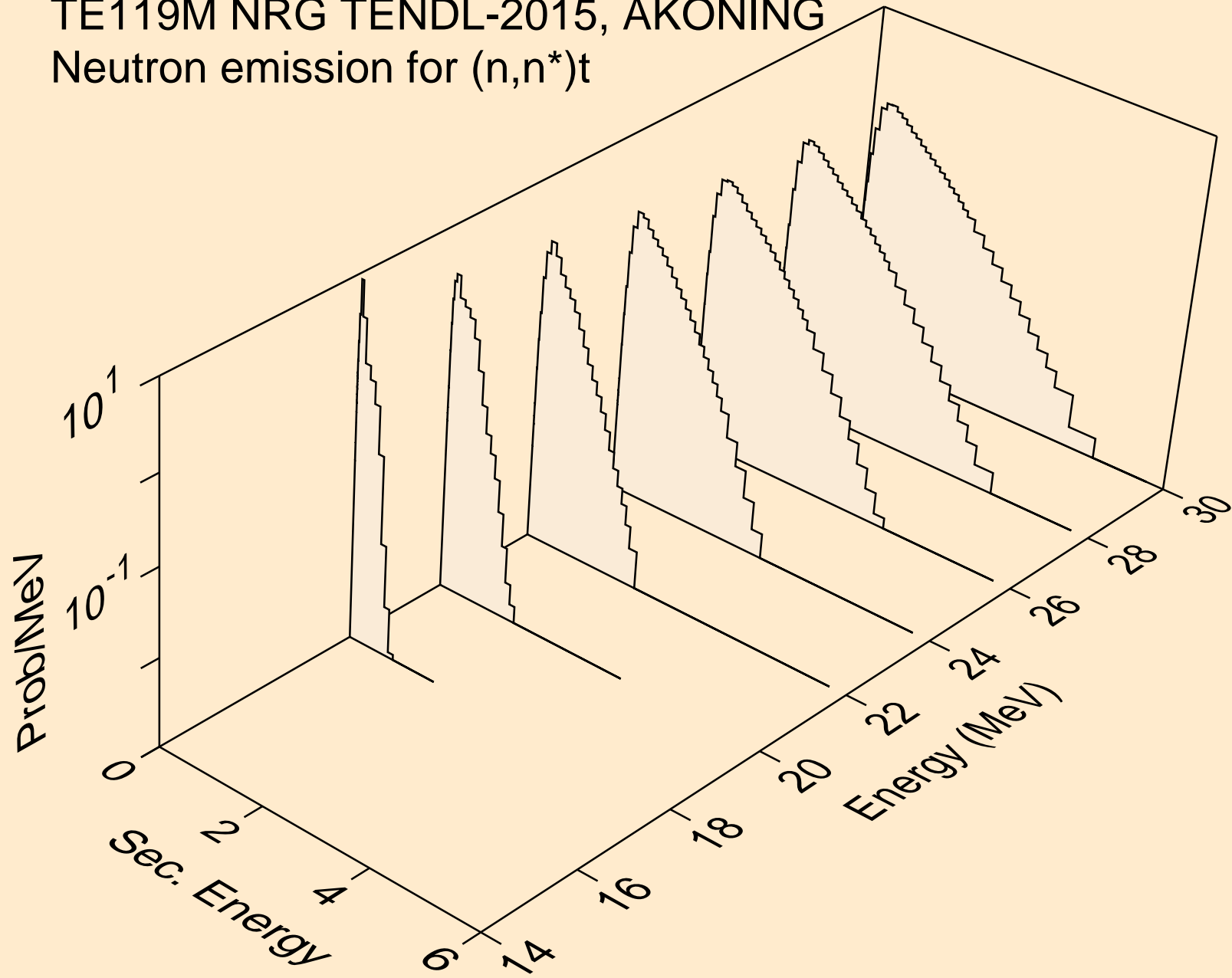
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



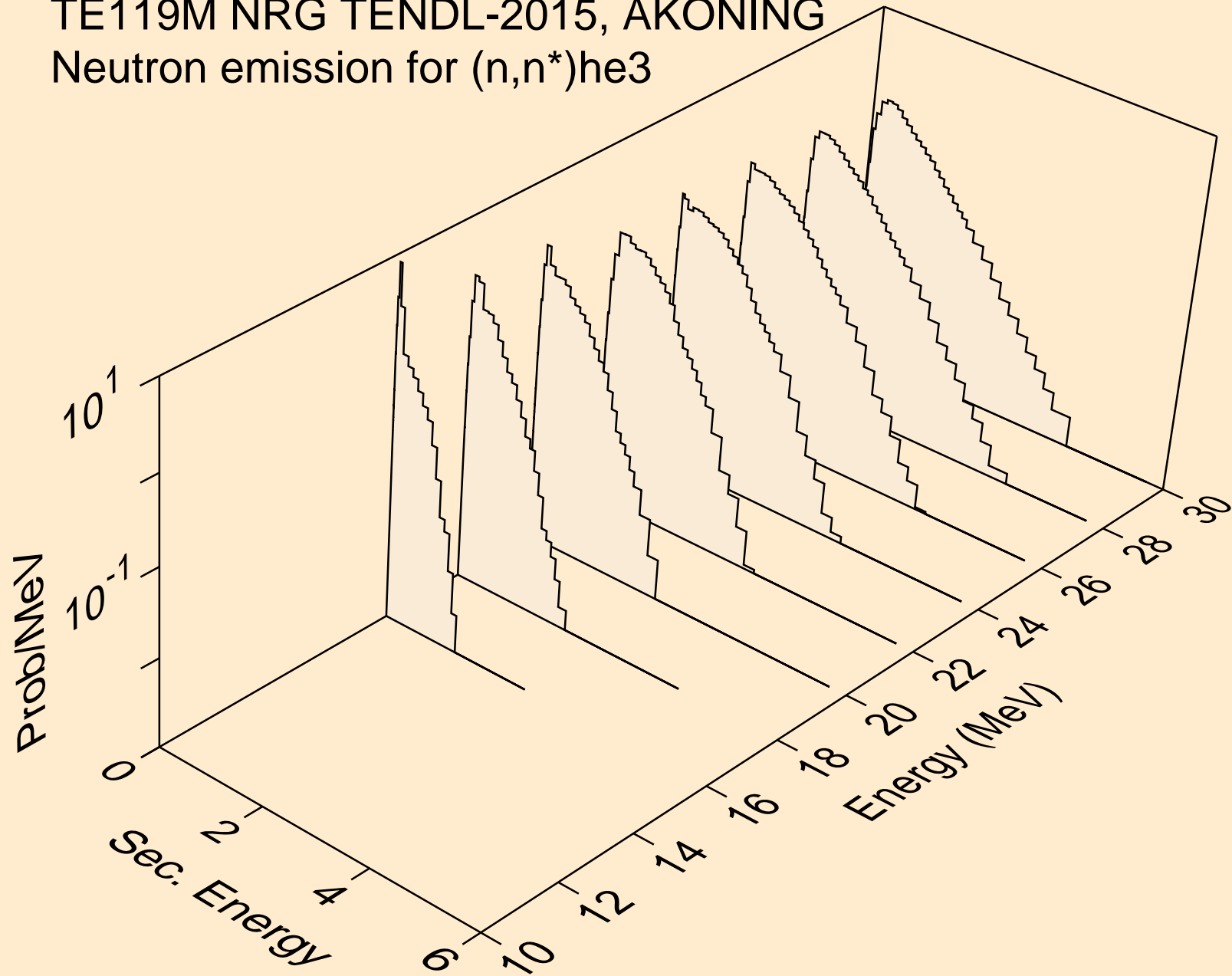
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



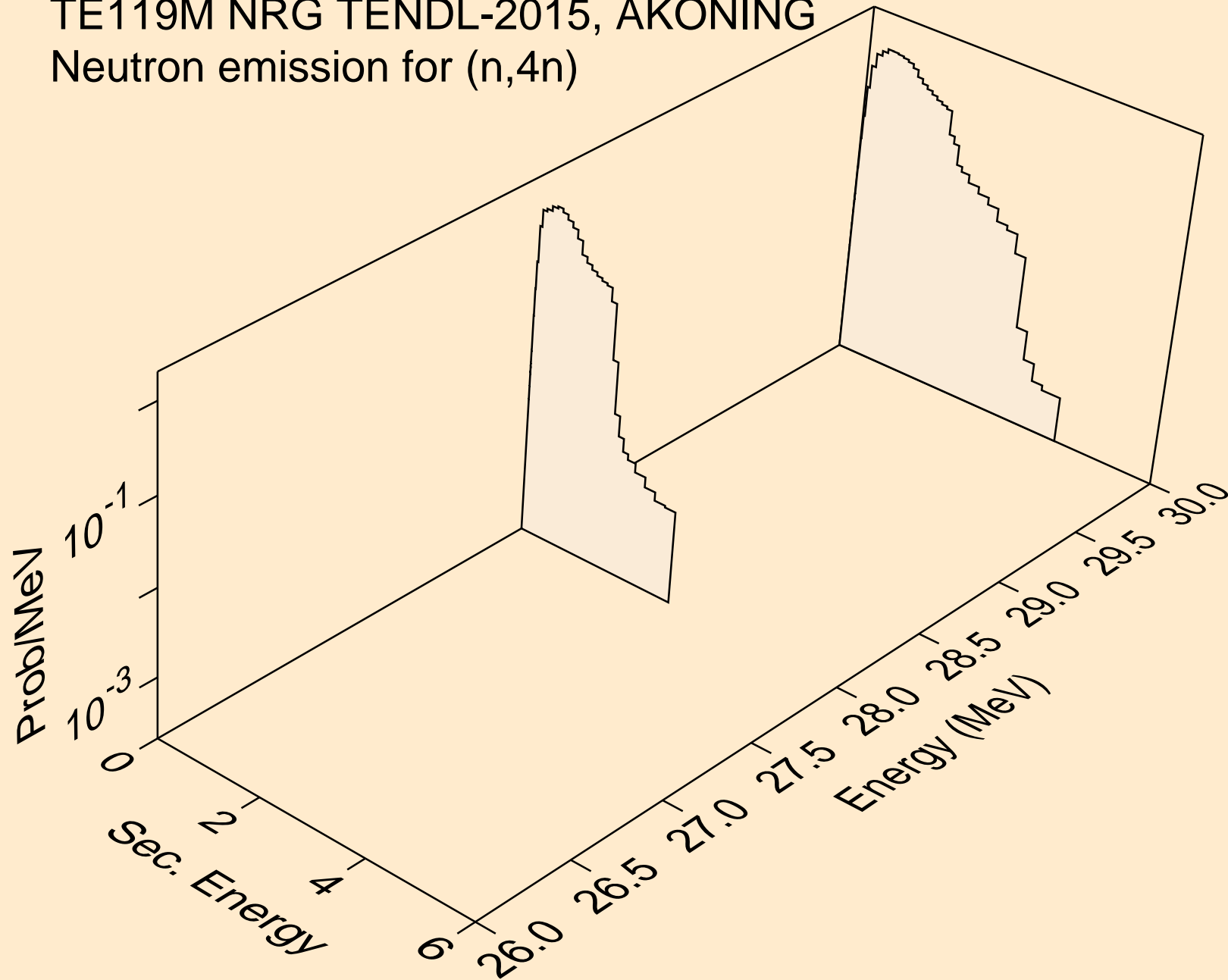
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



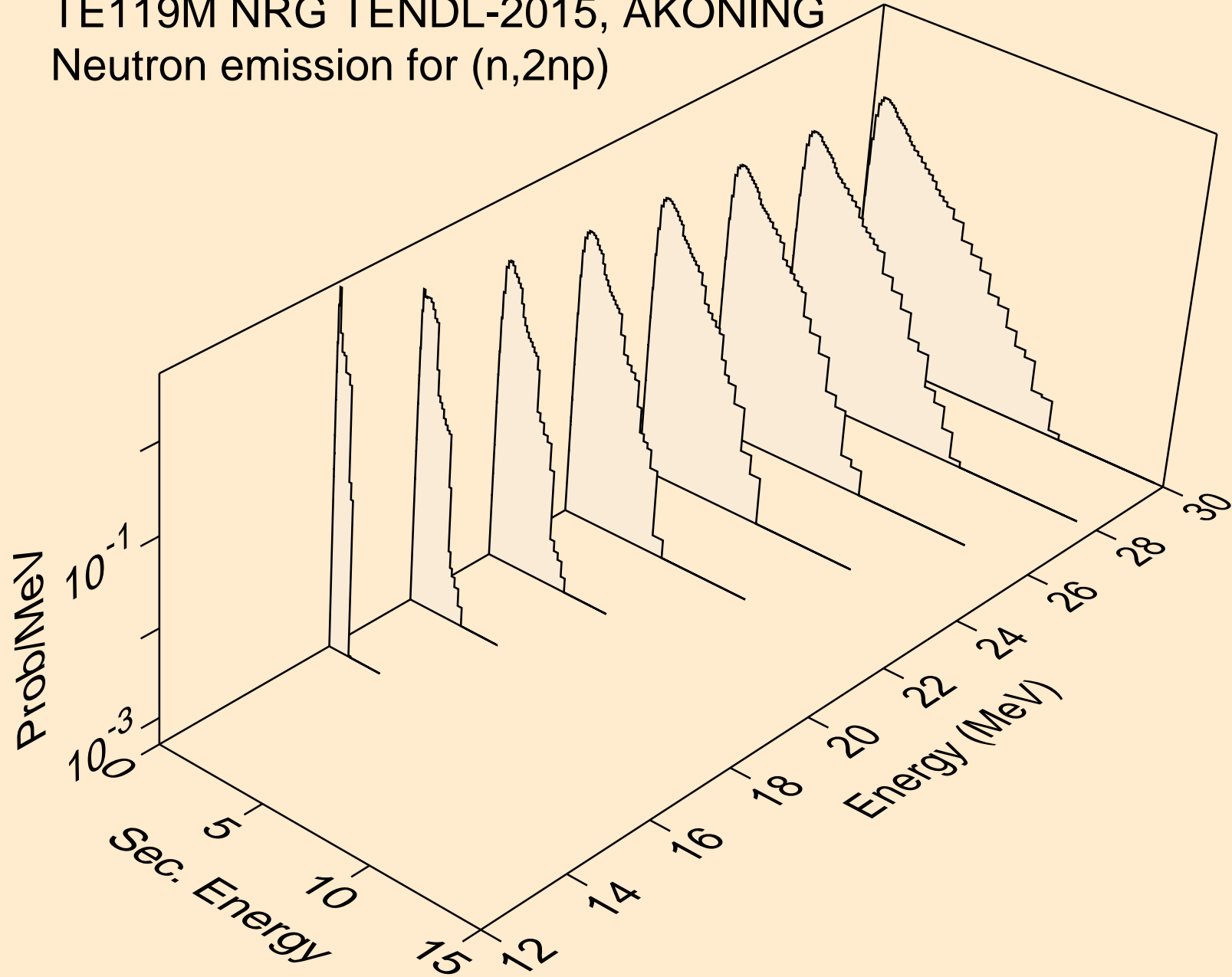
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



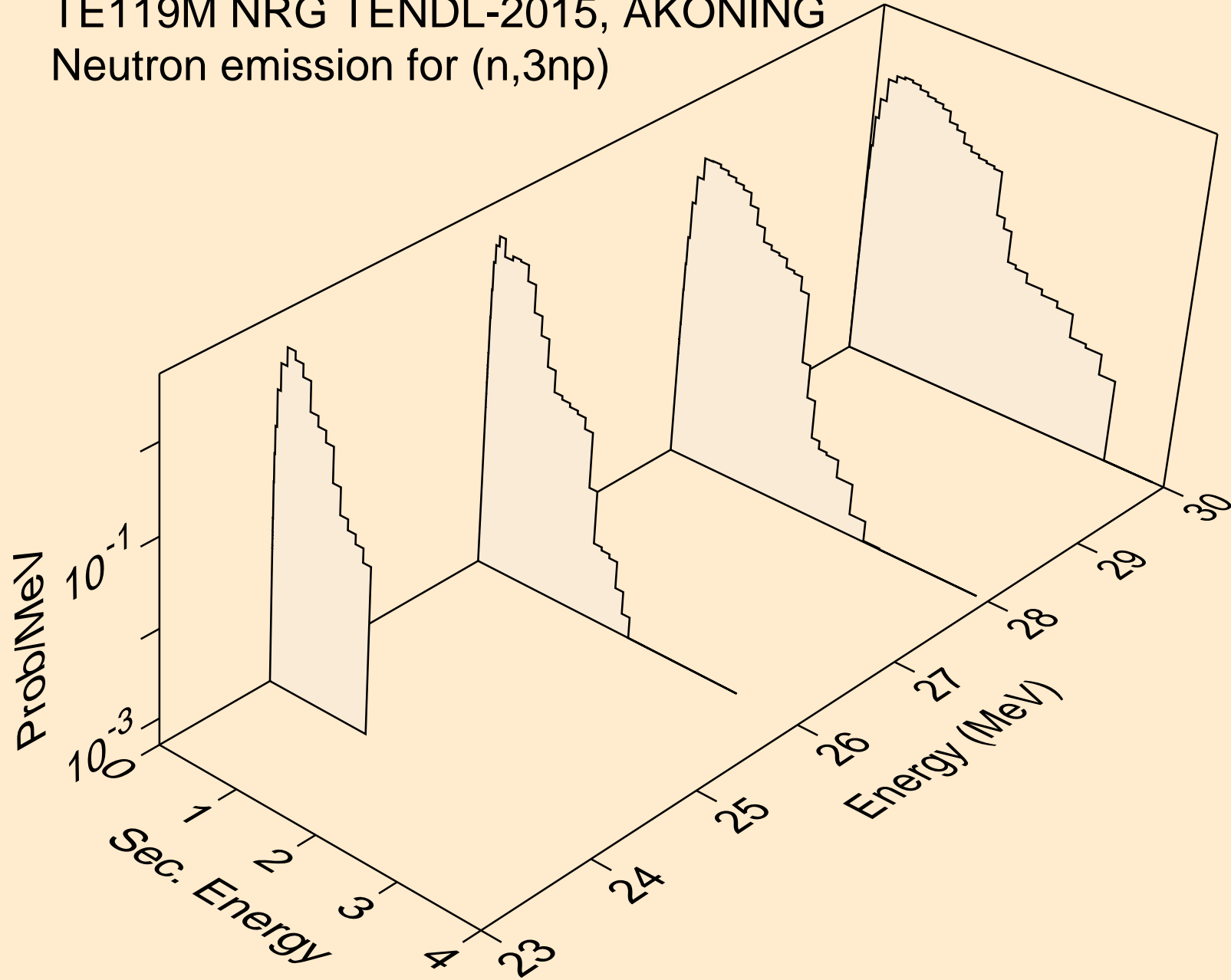
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

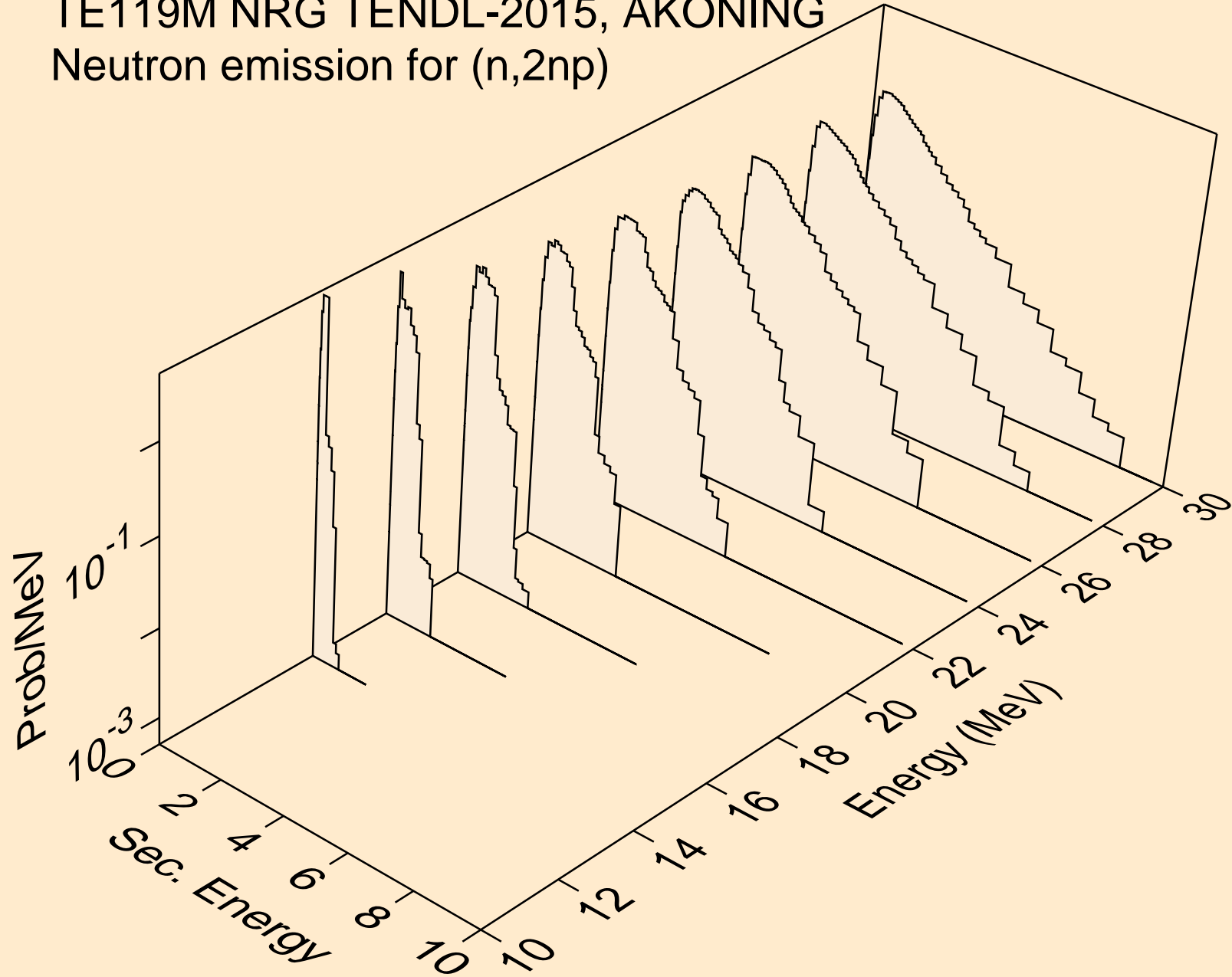


TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

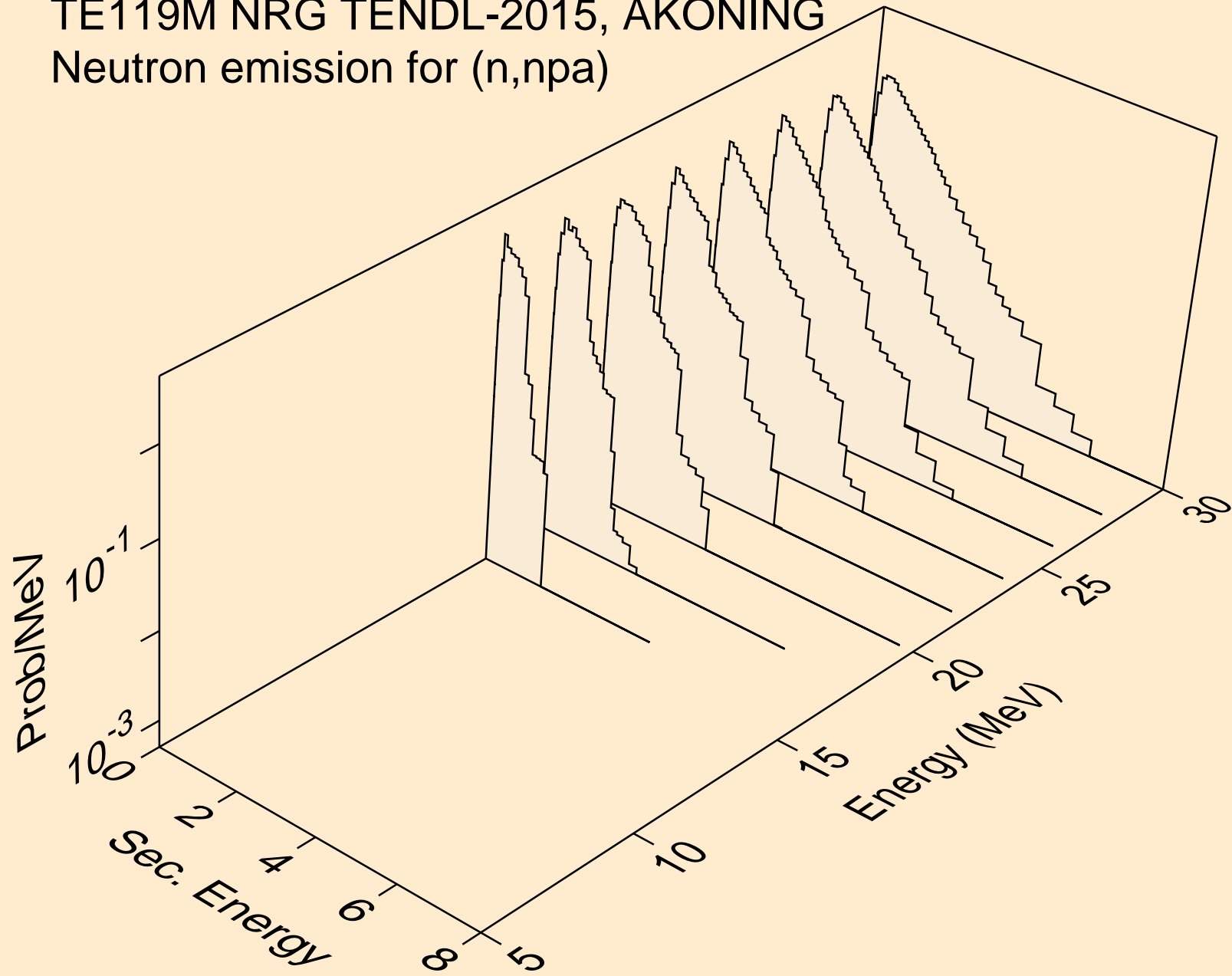




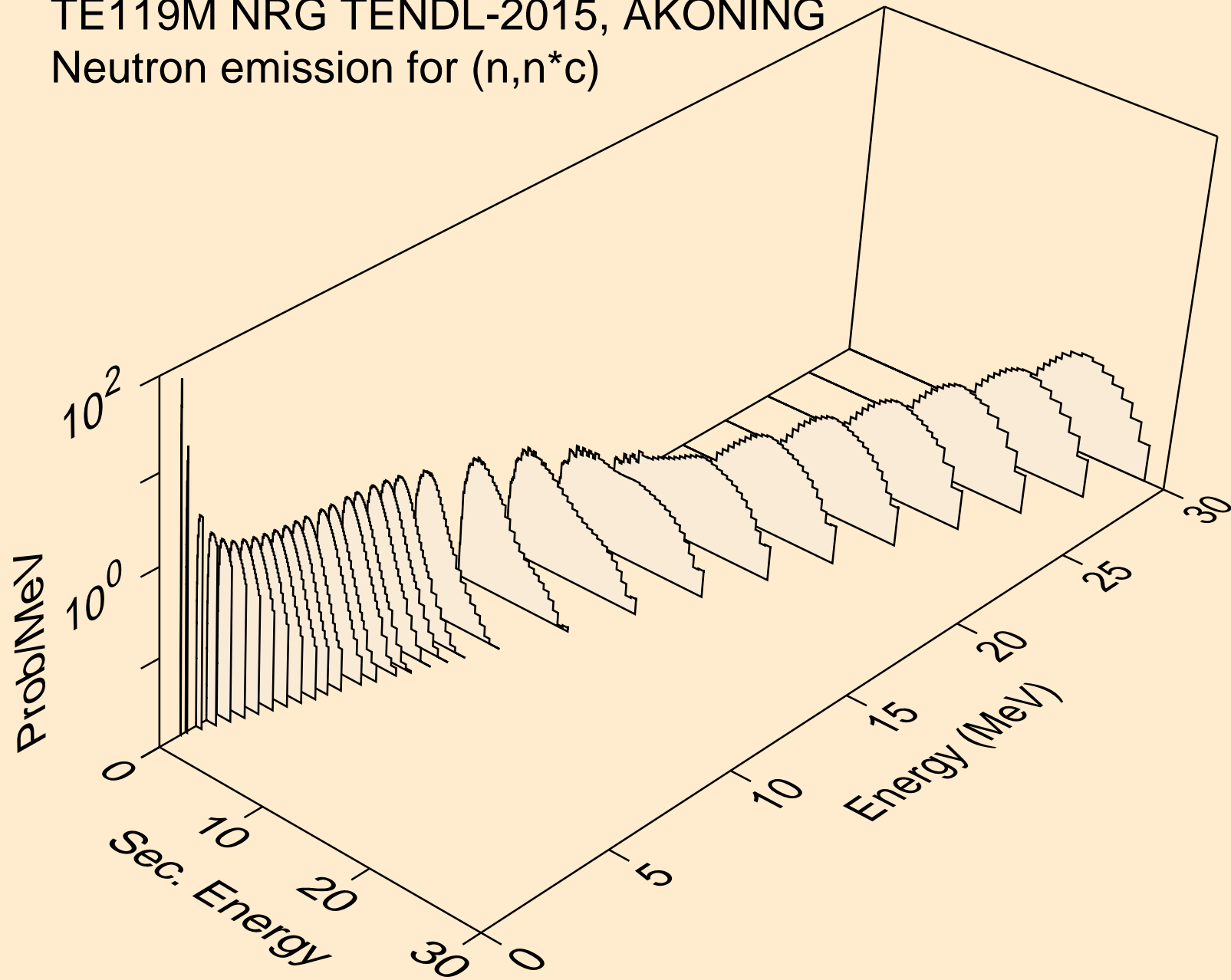
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



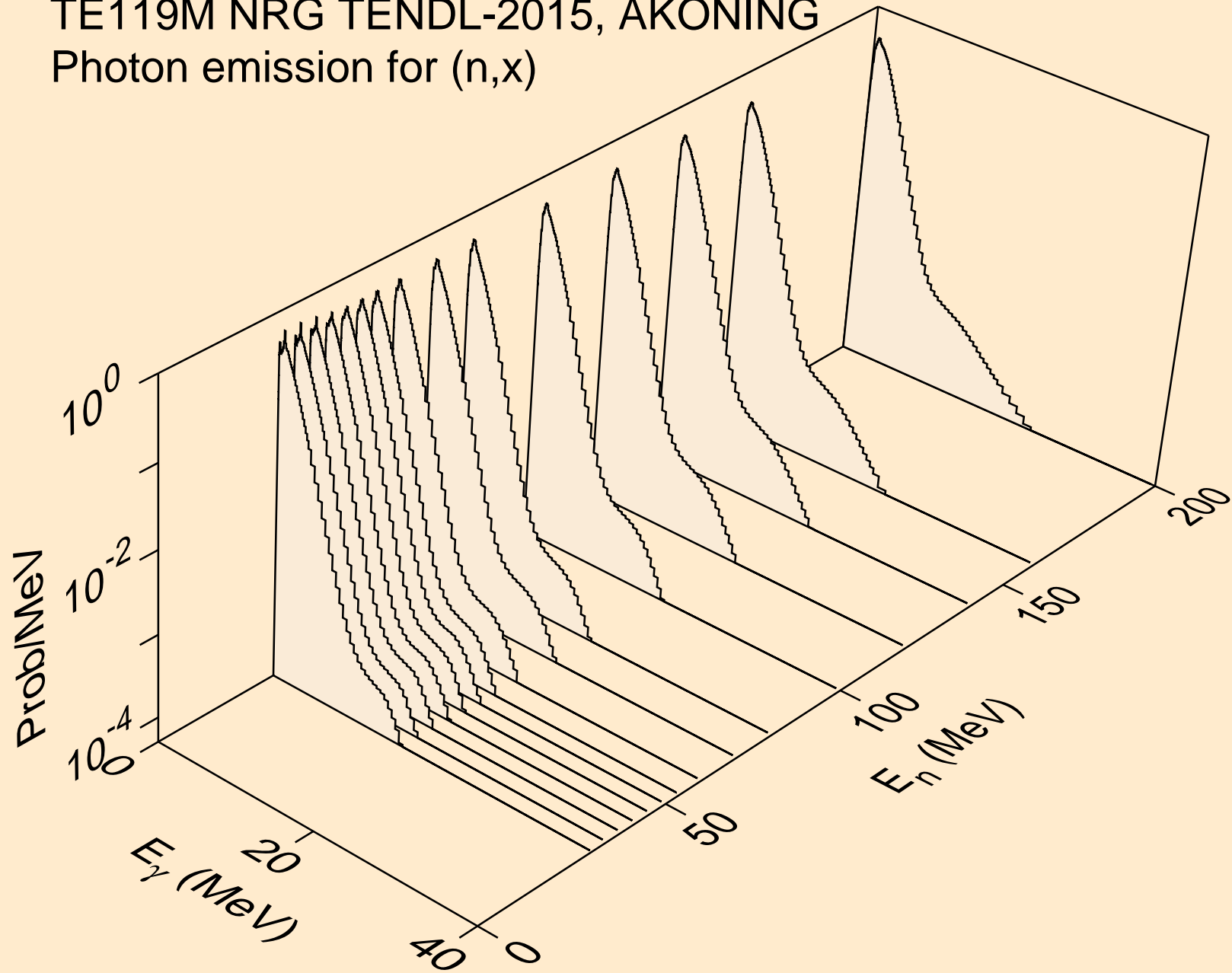
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



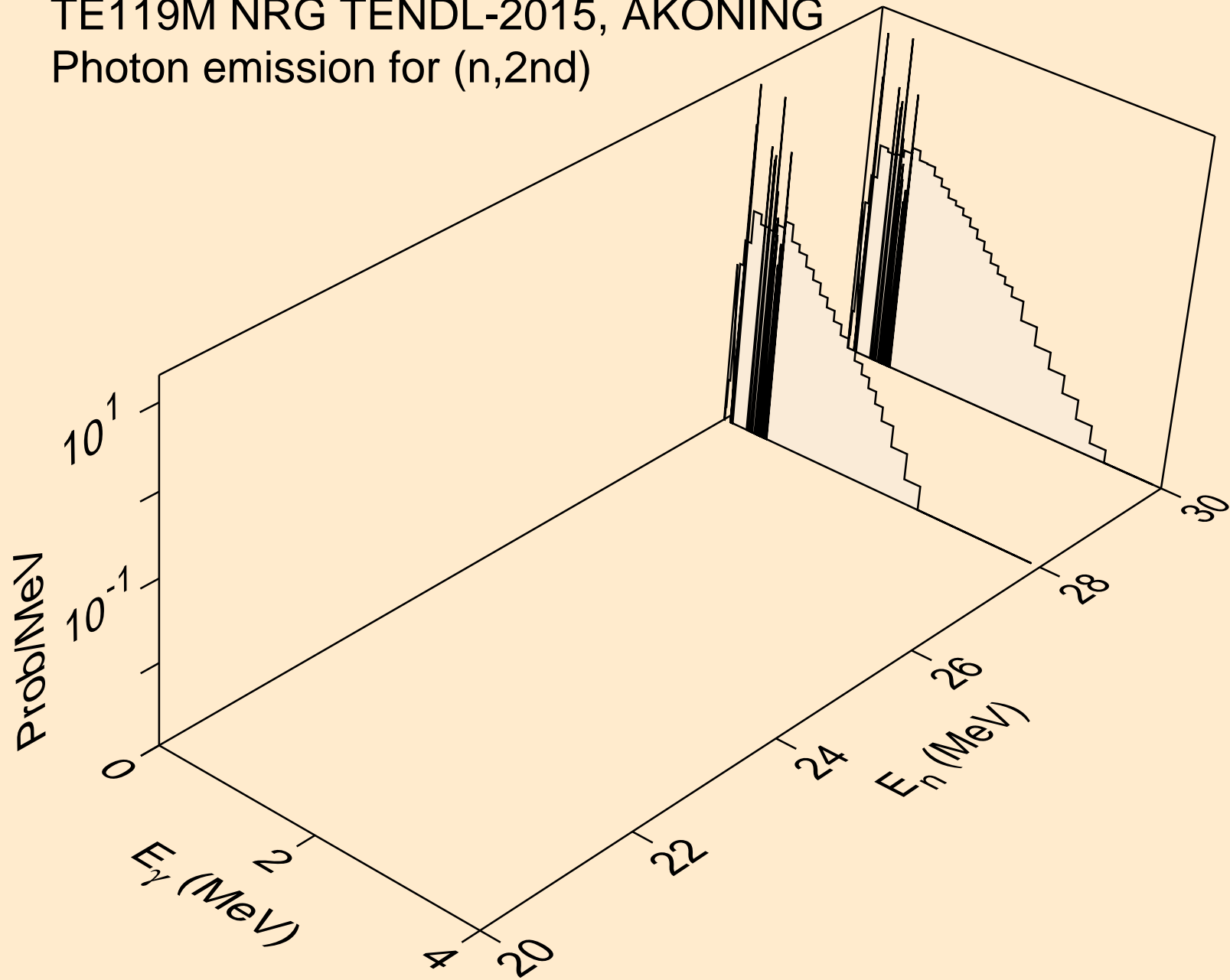
TE119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



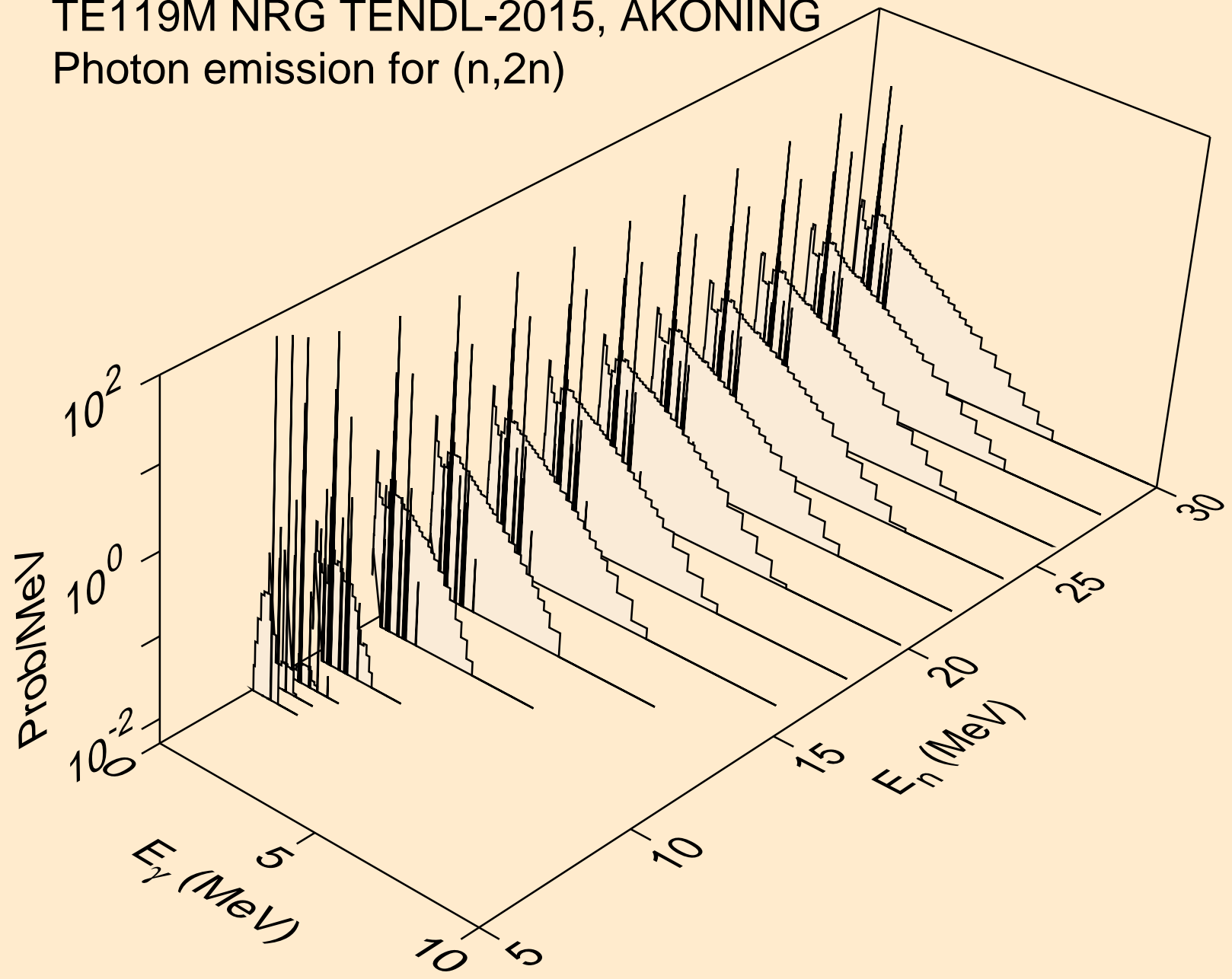
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



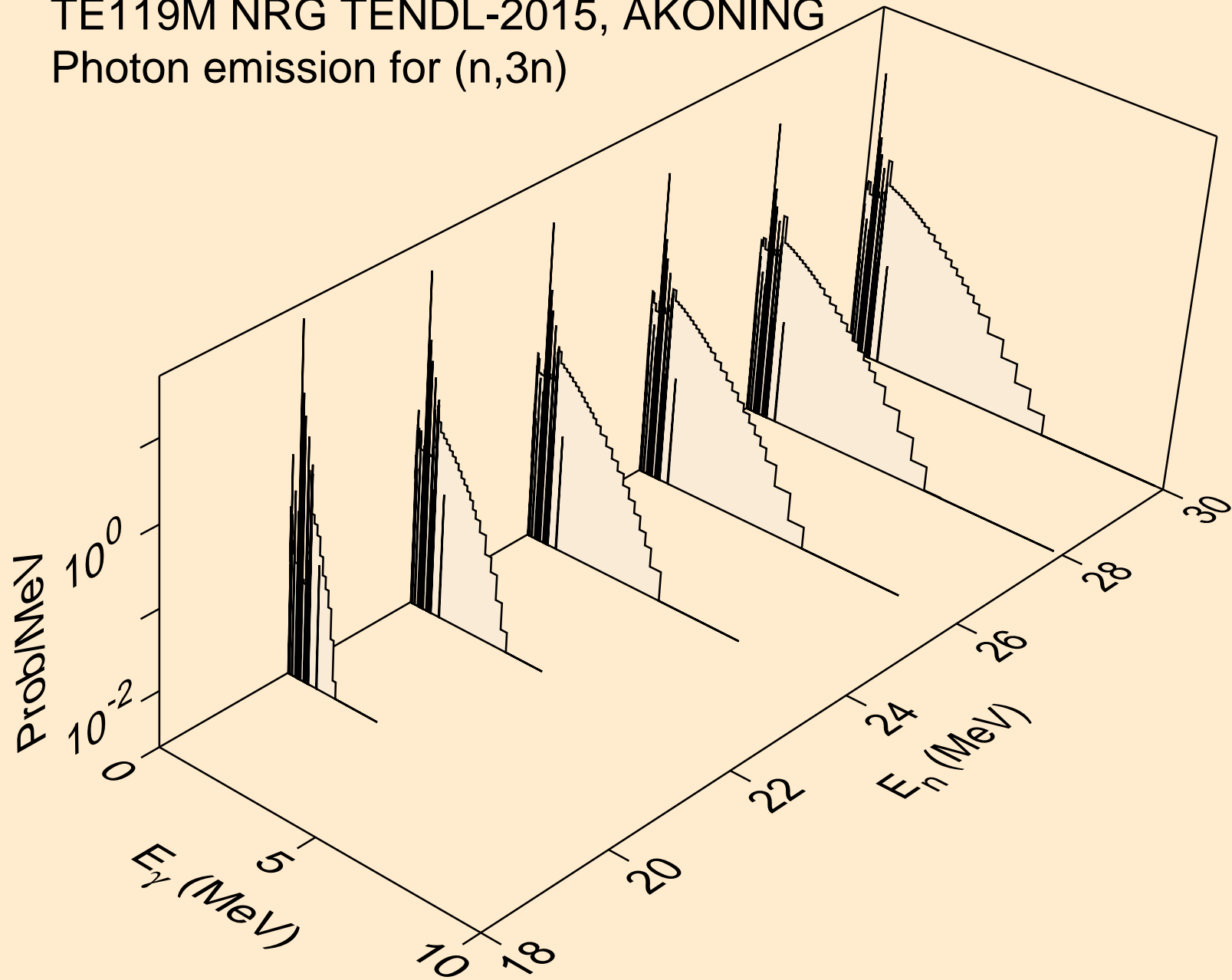
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



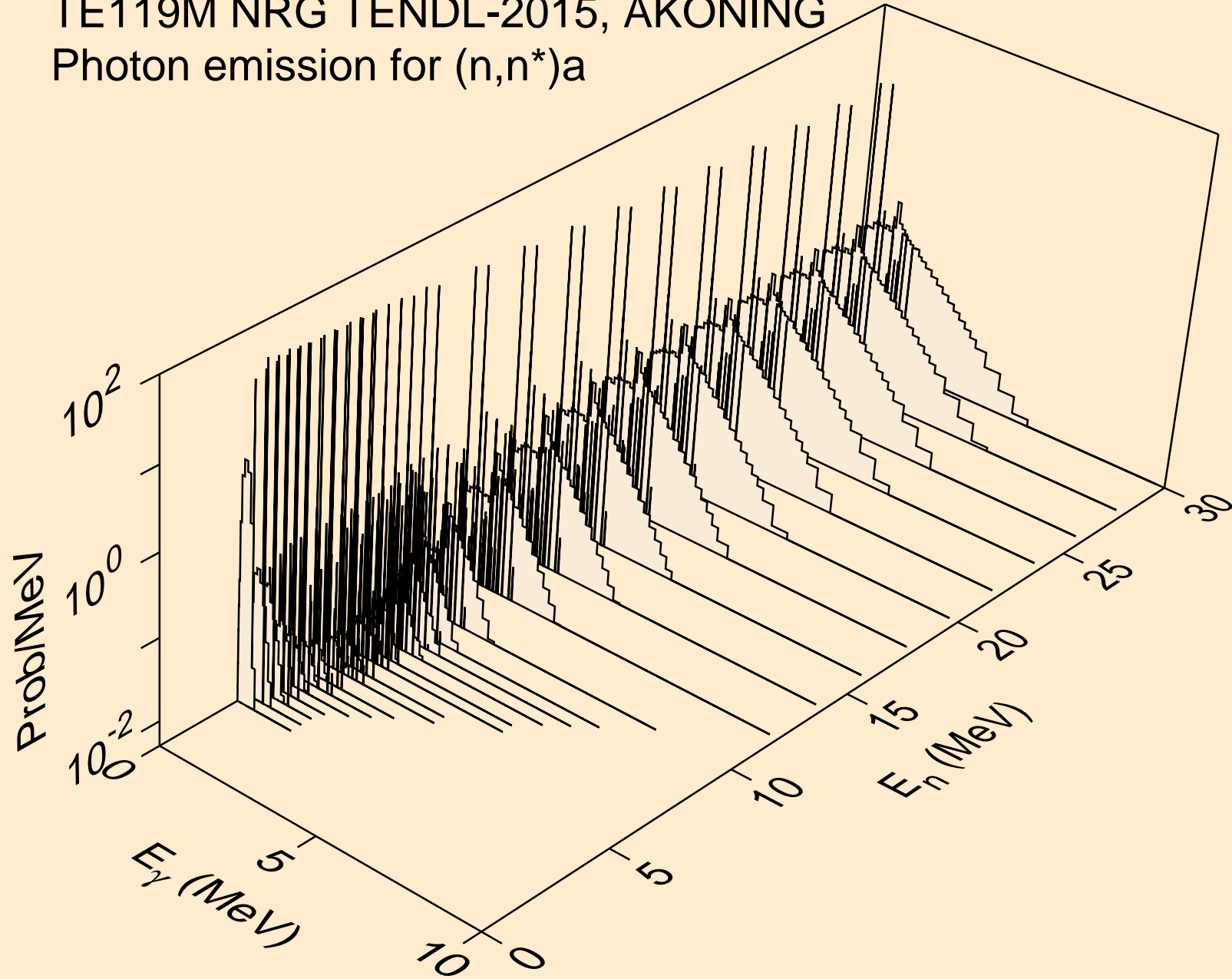
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Photon emission for (n,2n)



TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

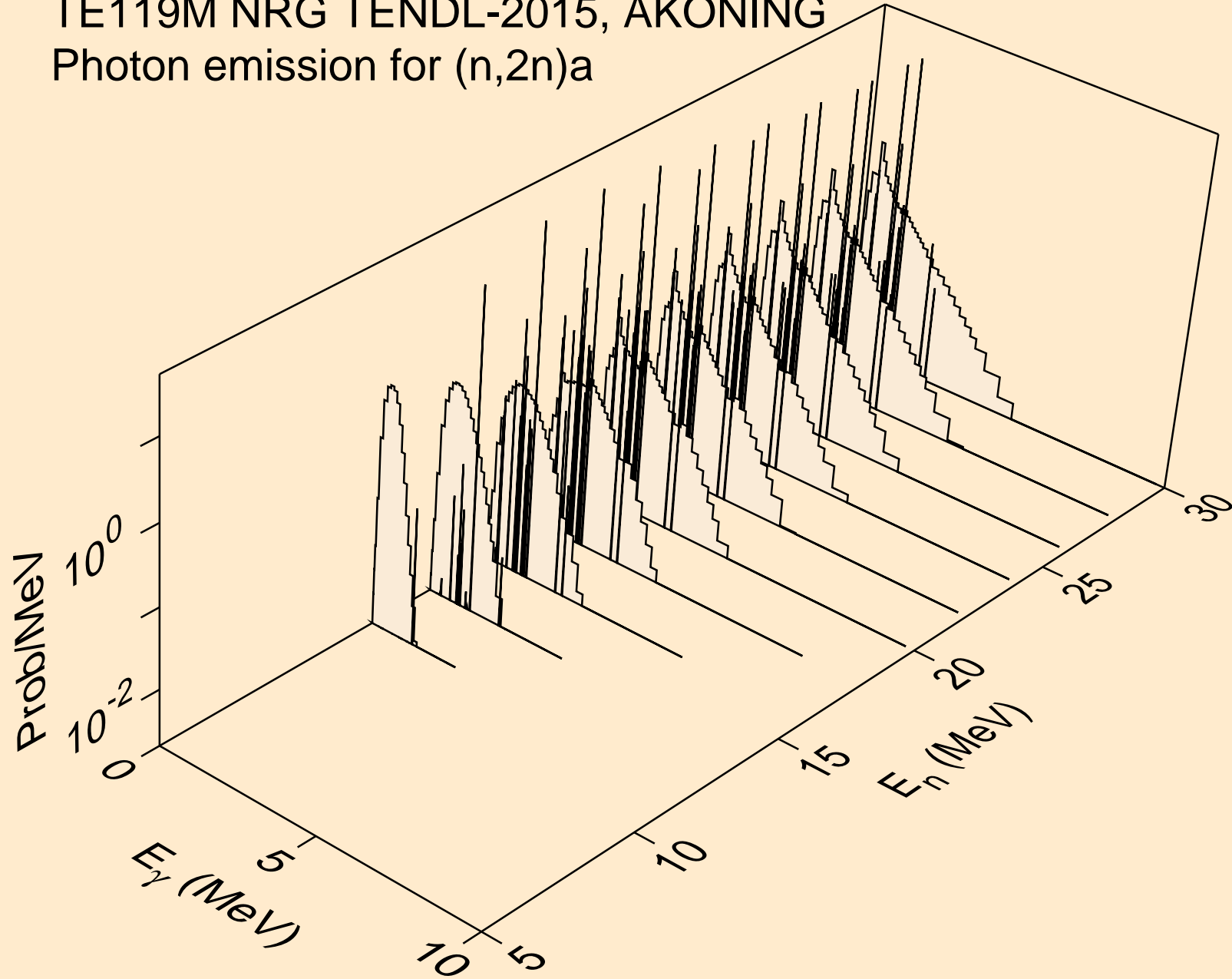


TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

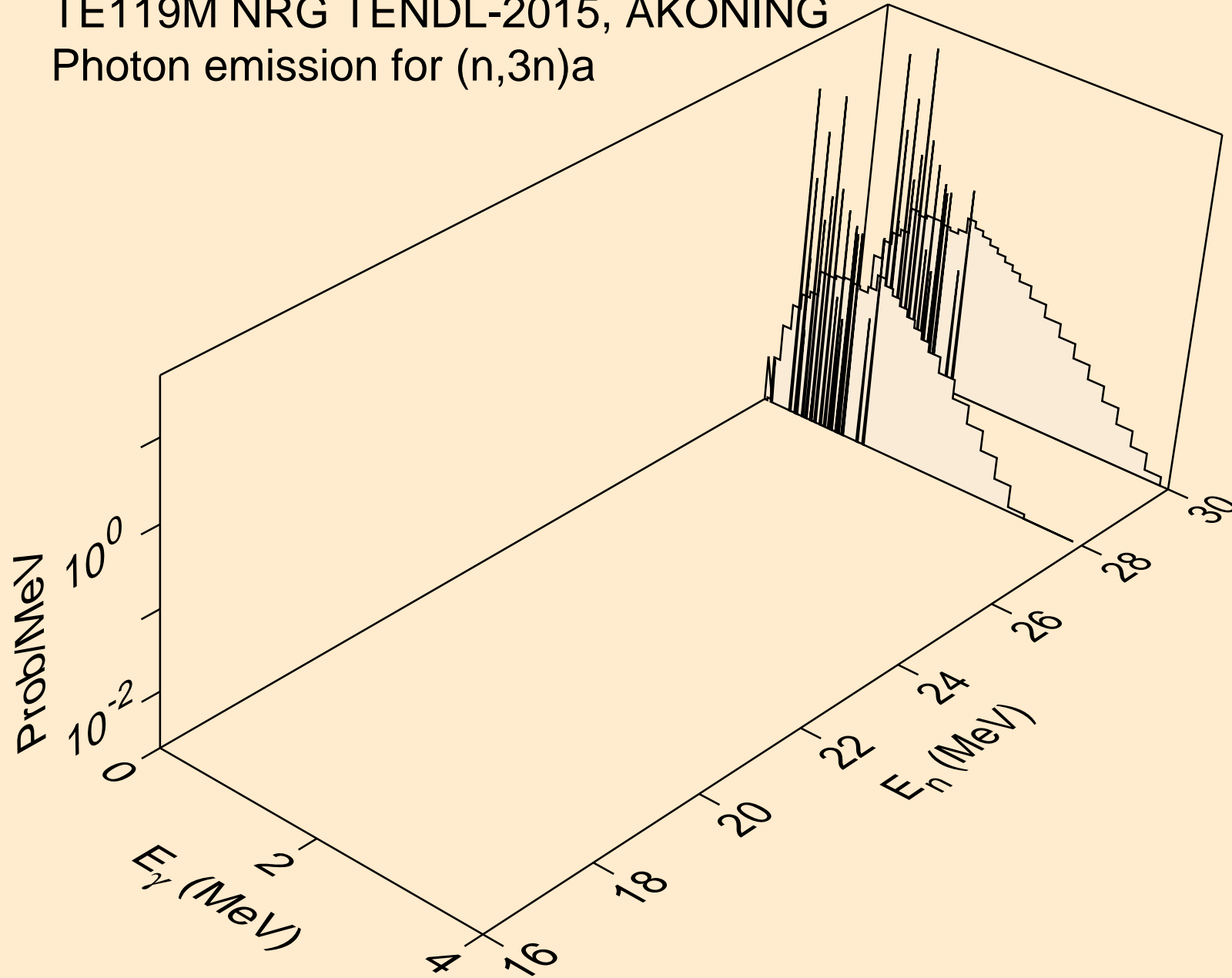




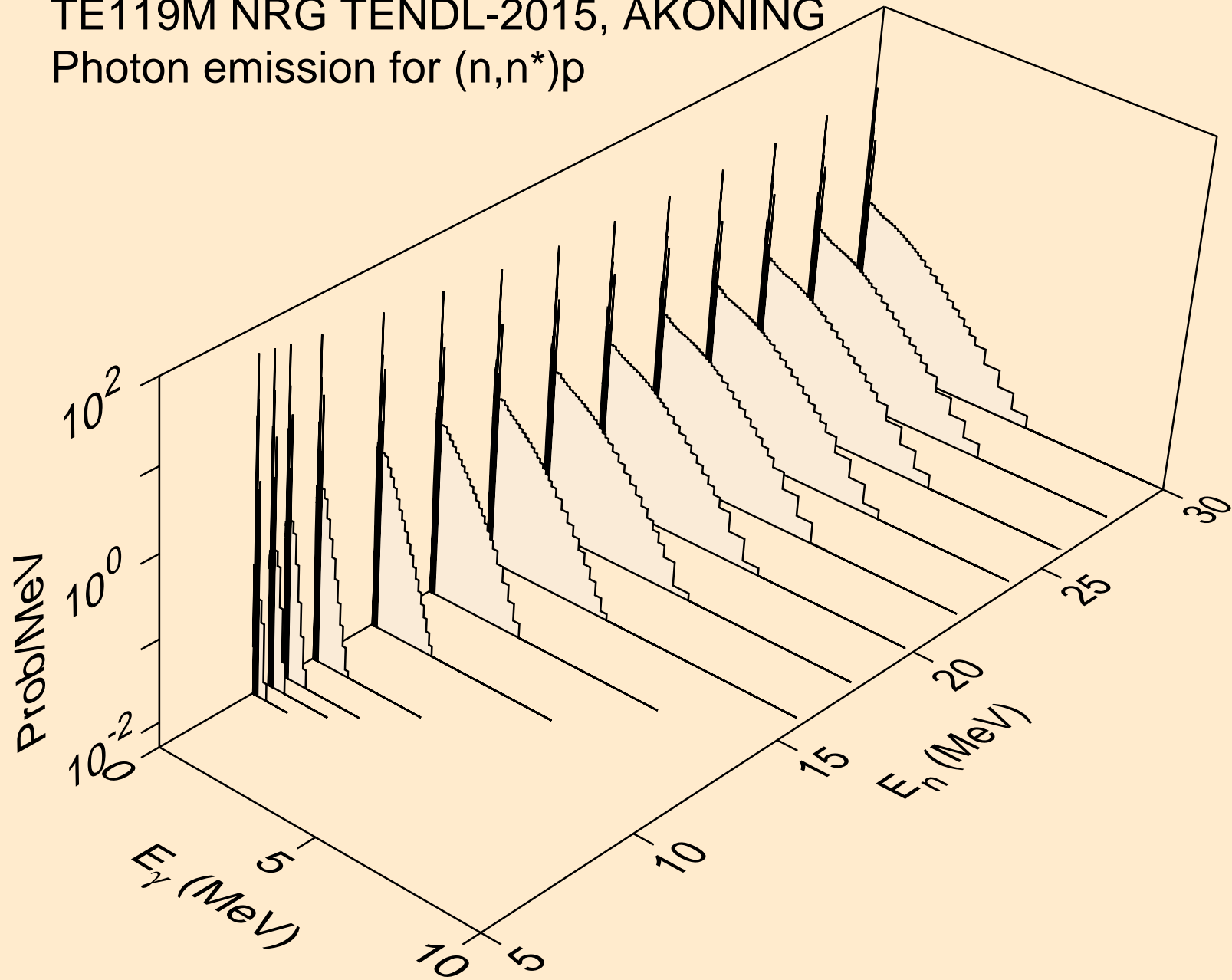
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



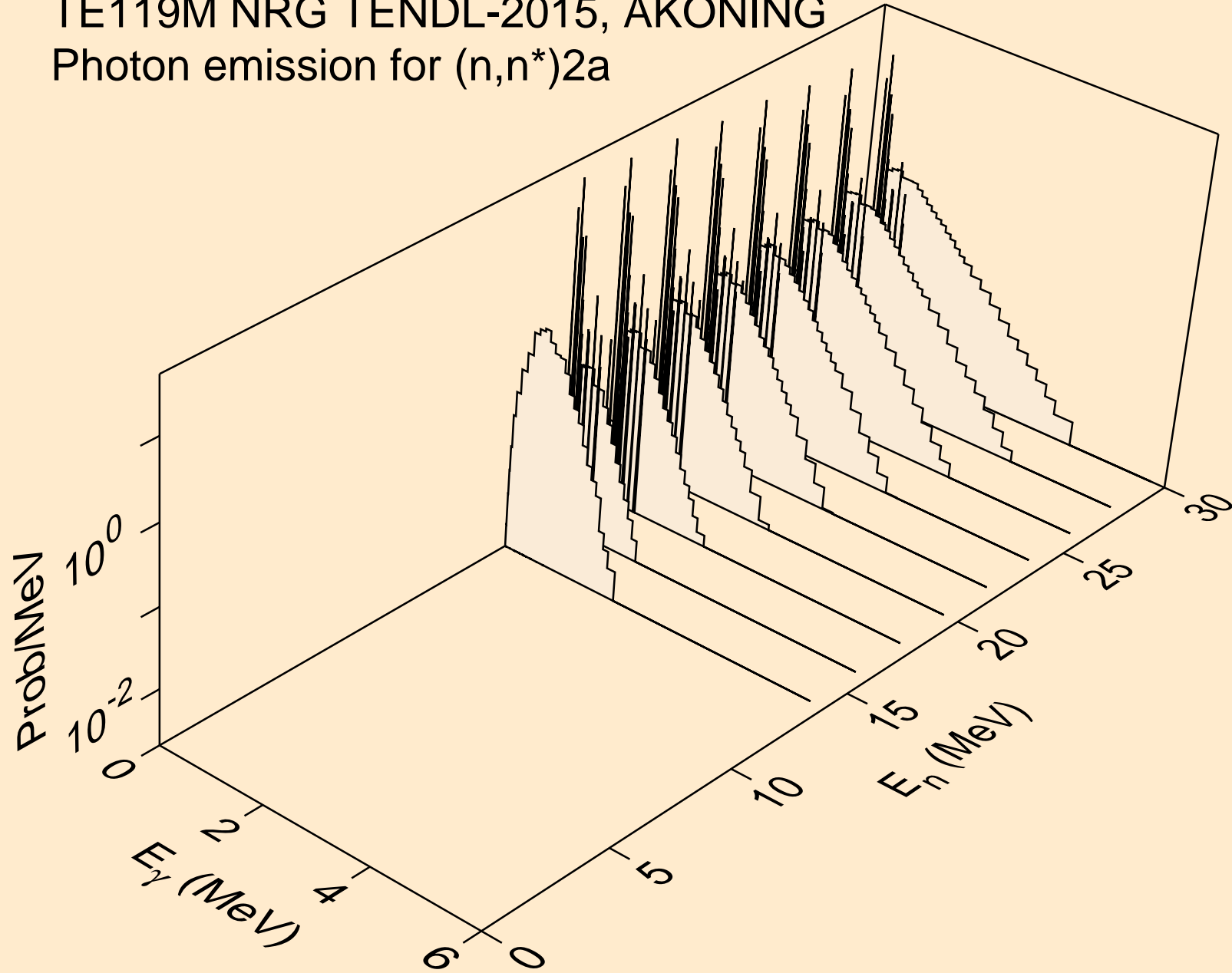
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



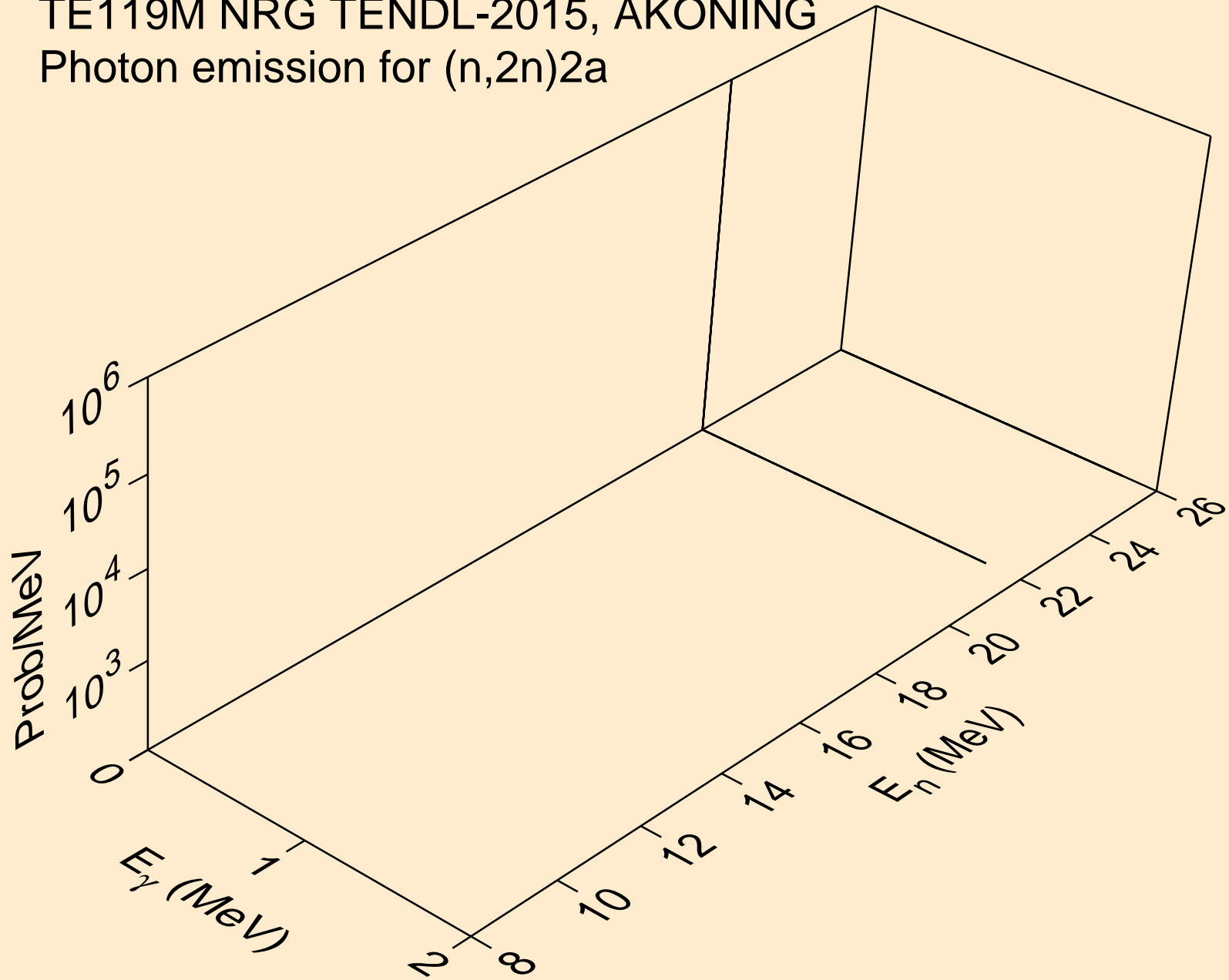
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



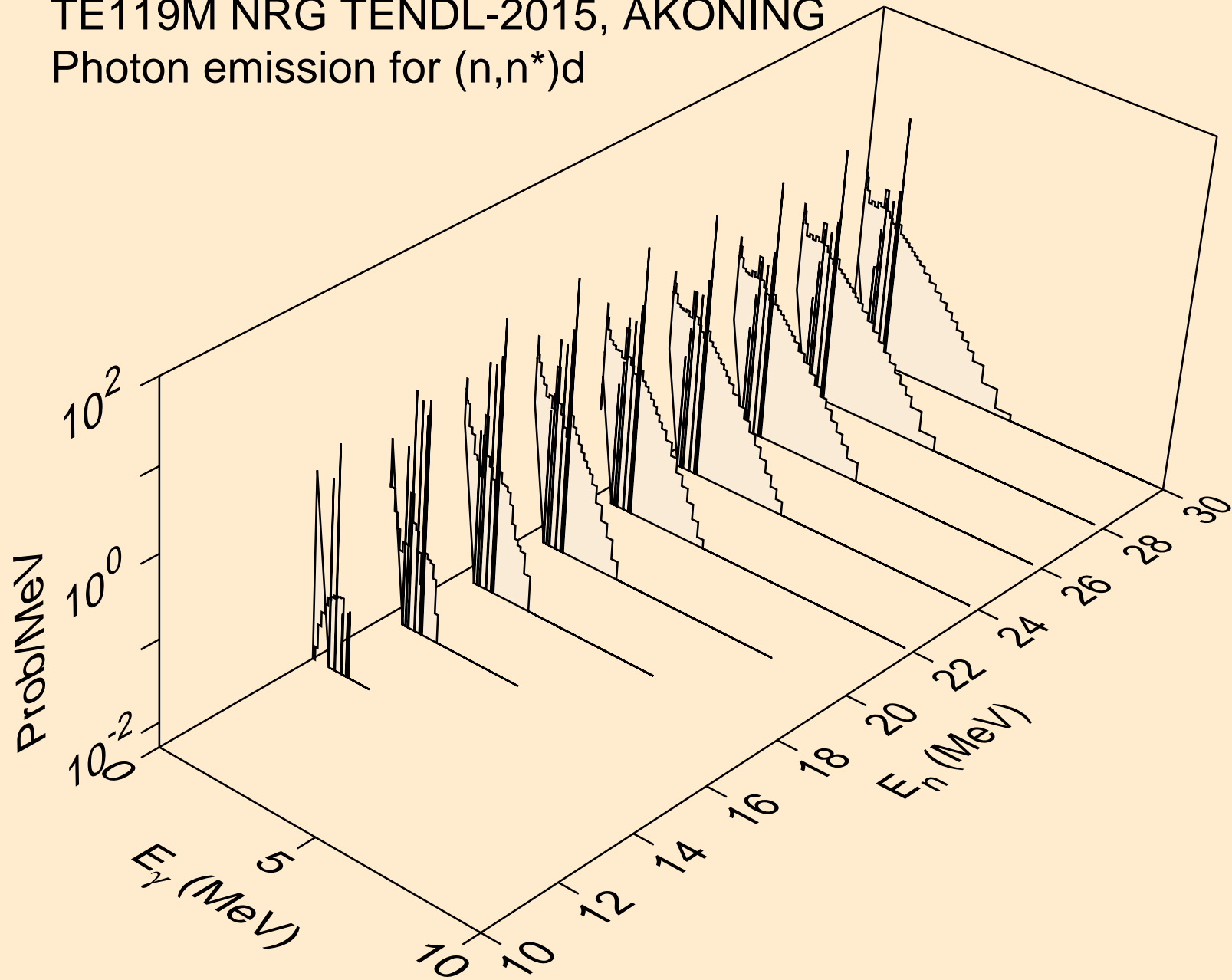
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



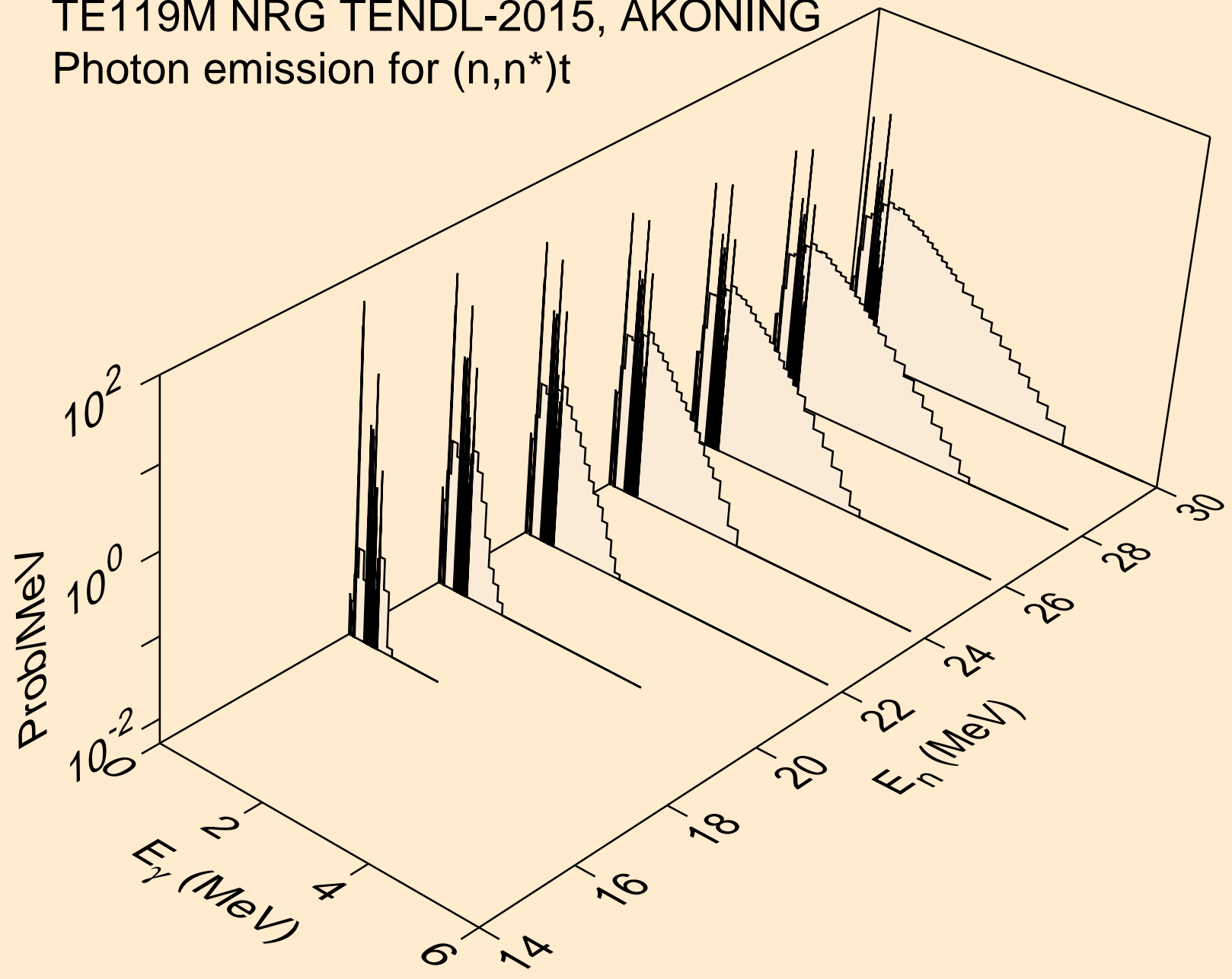
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Photon emission for (n,2n)2a



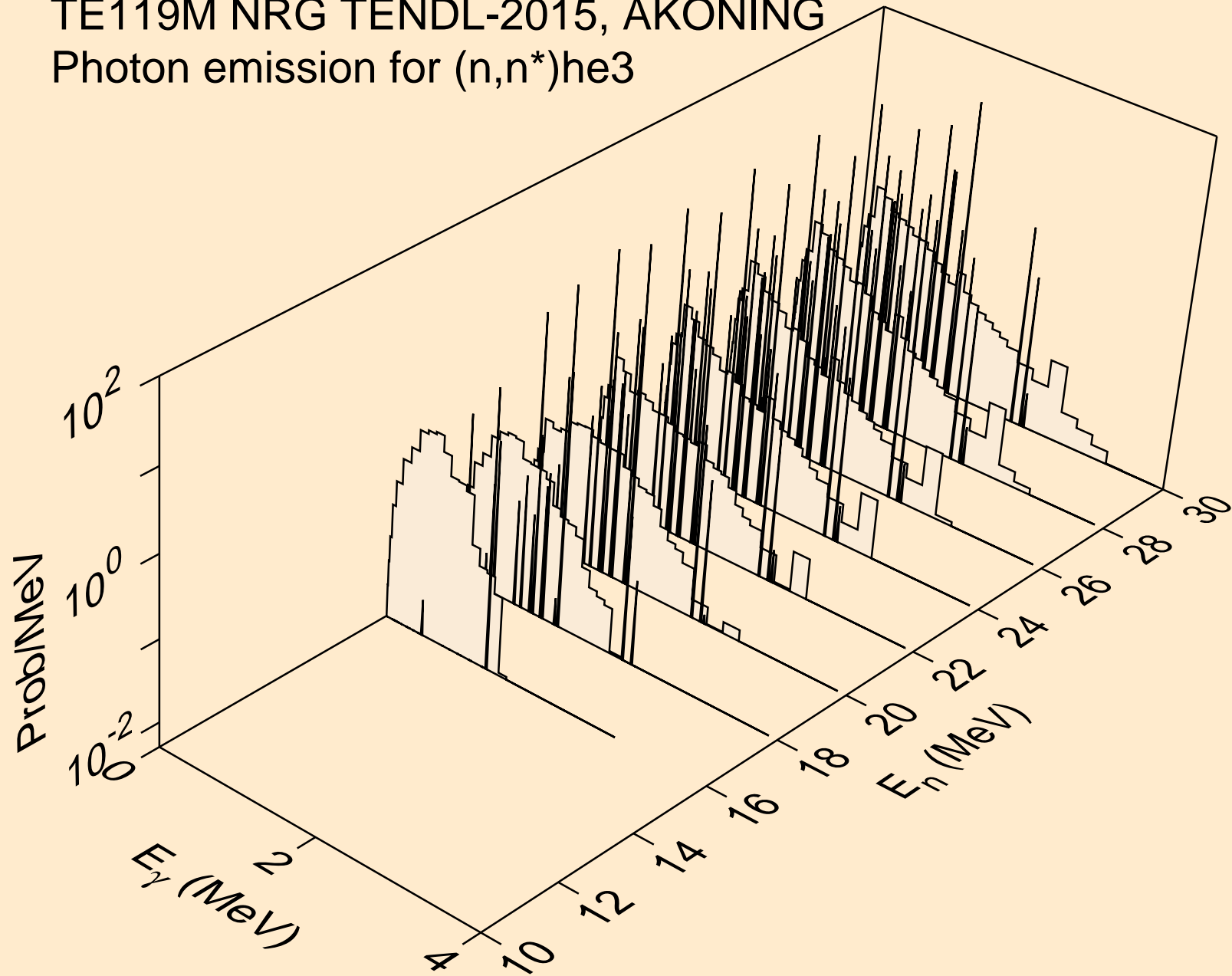
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

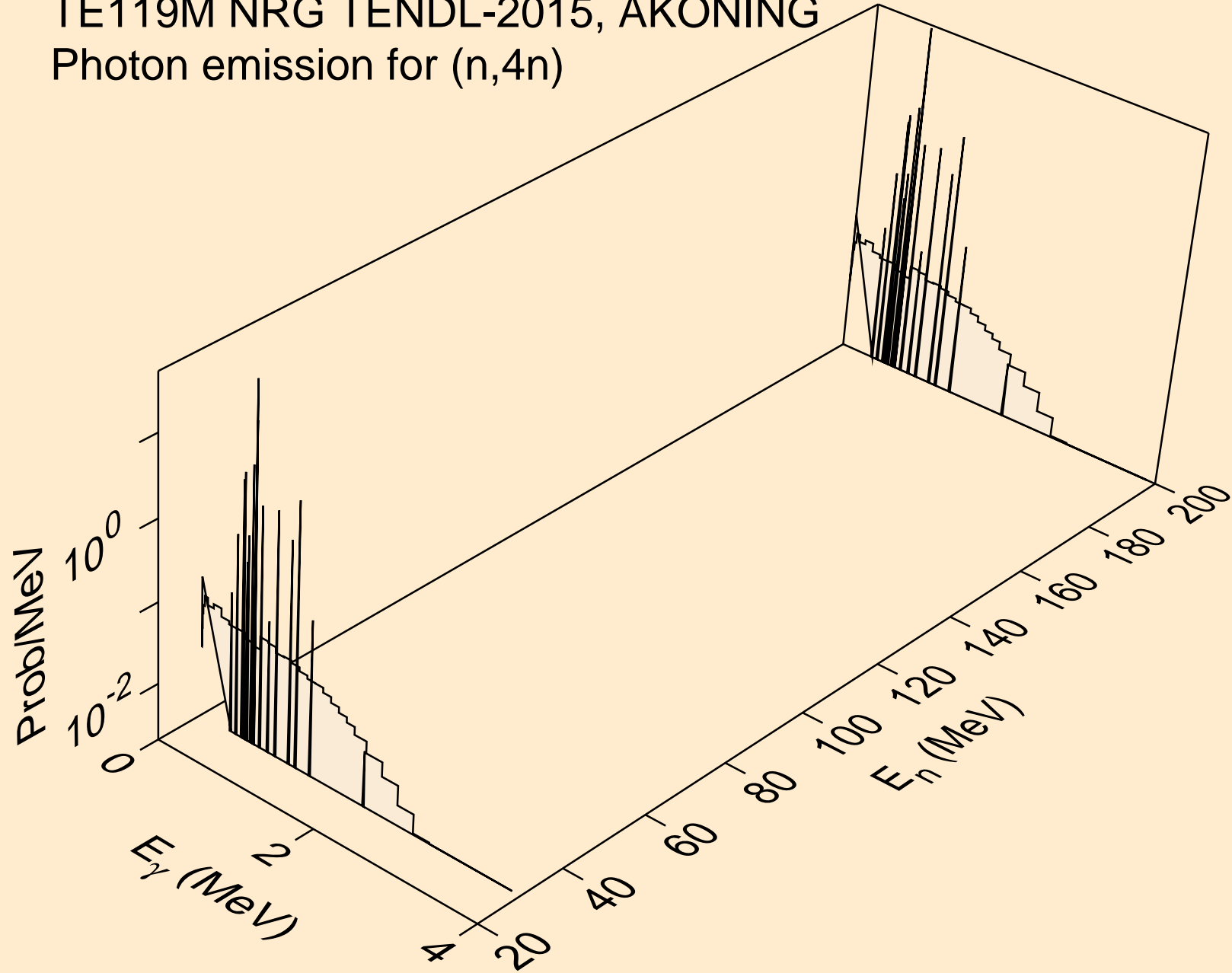


TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

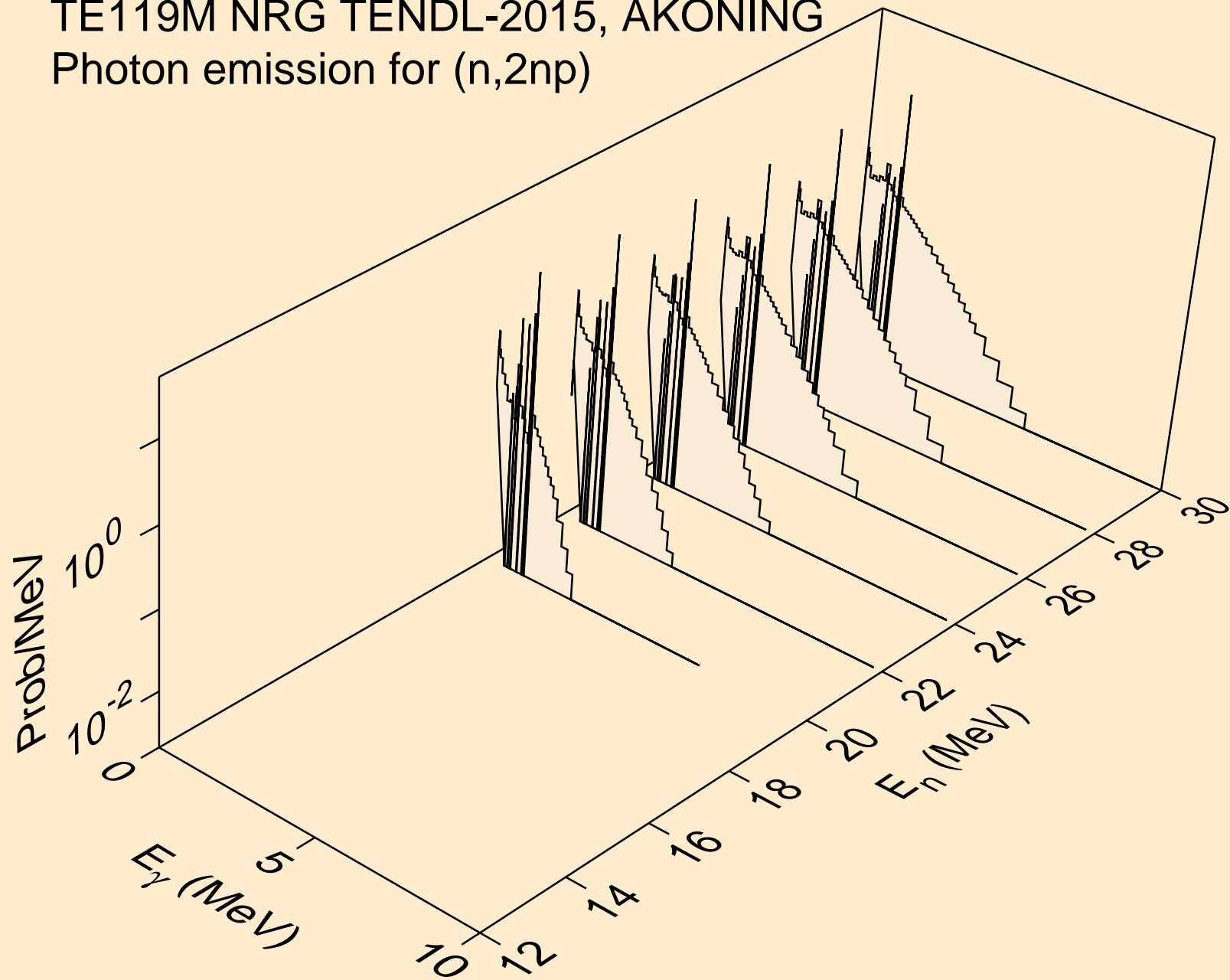




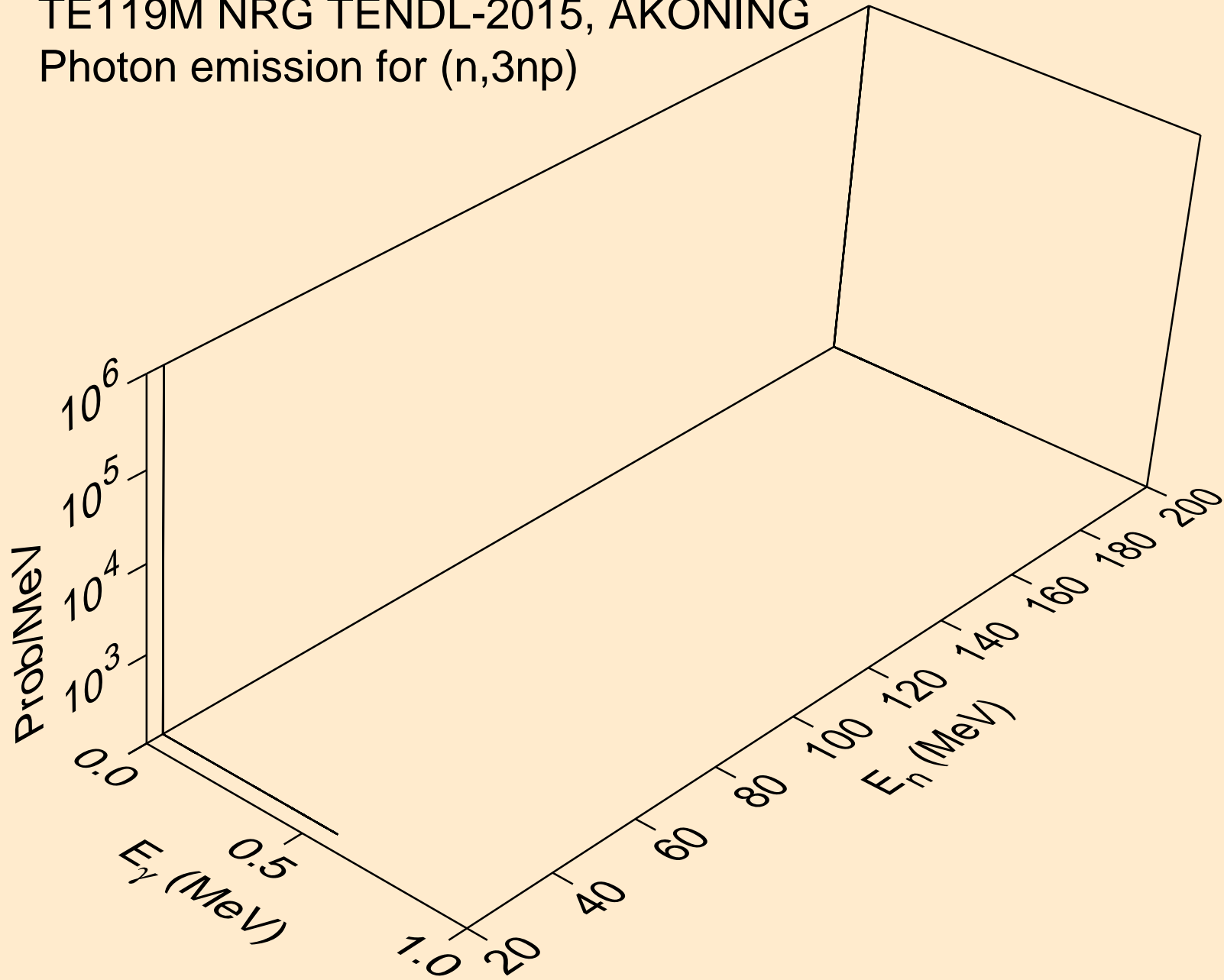
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Photon emission for (n,4n)



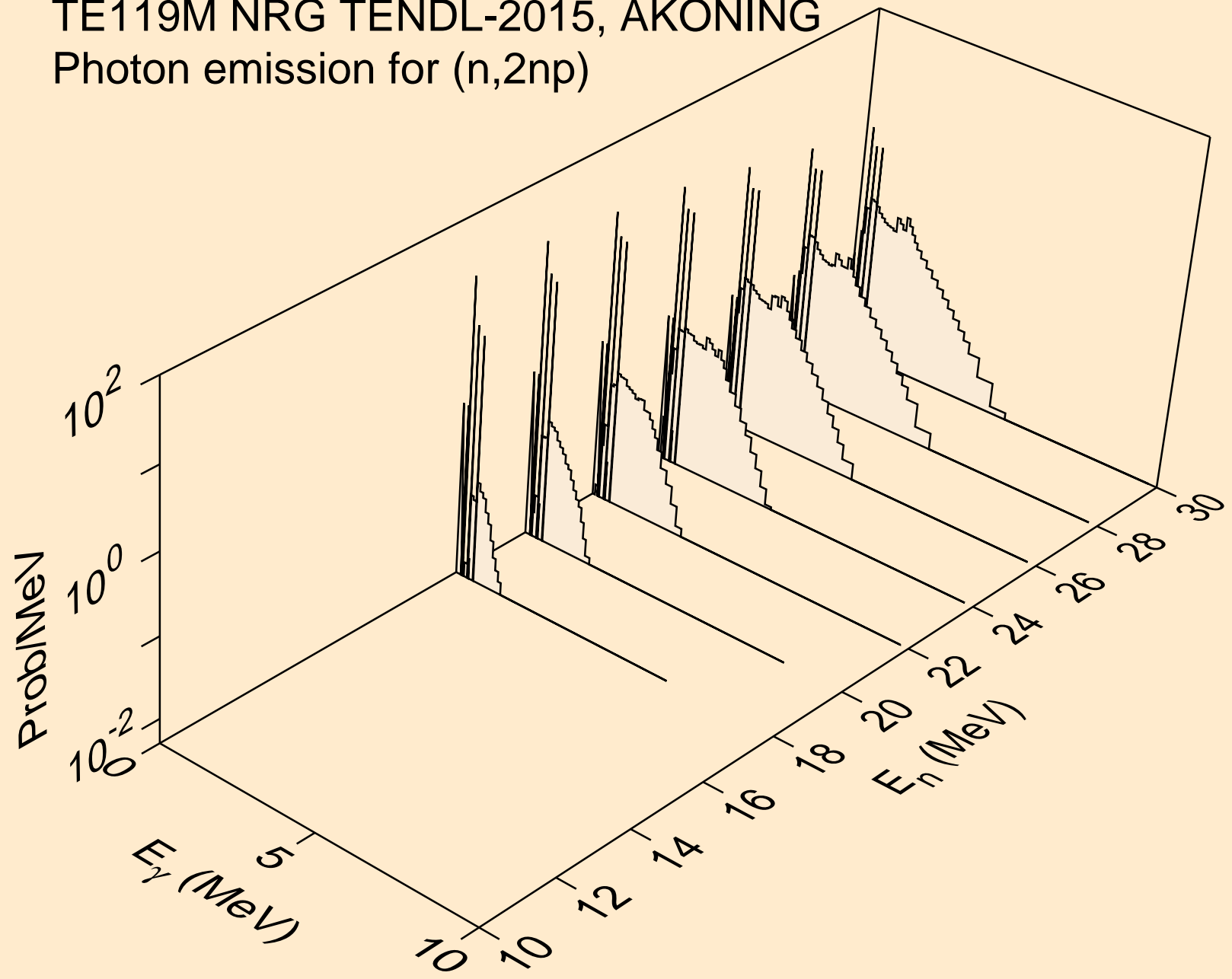
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



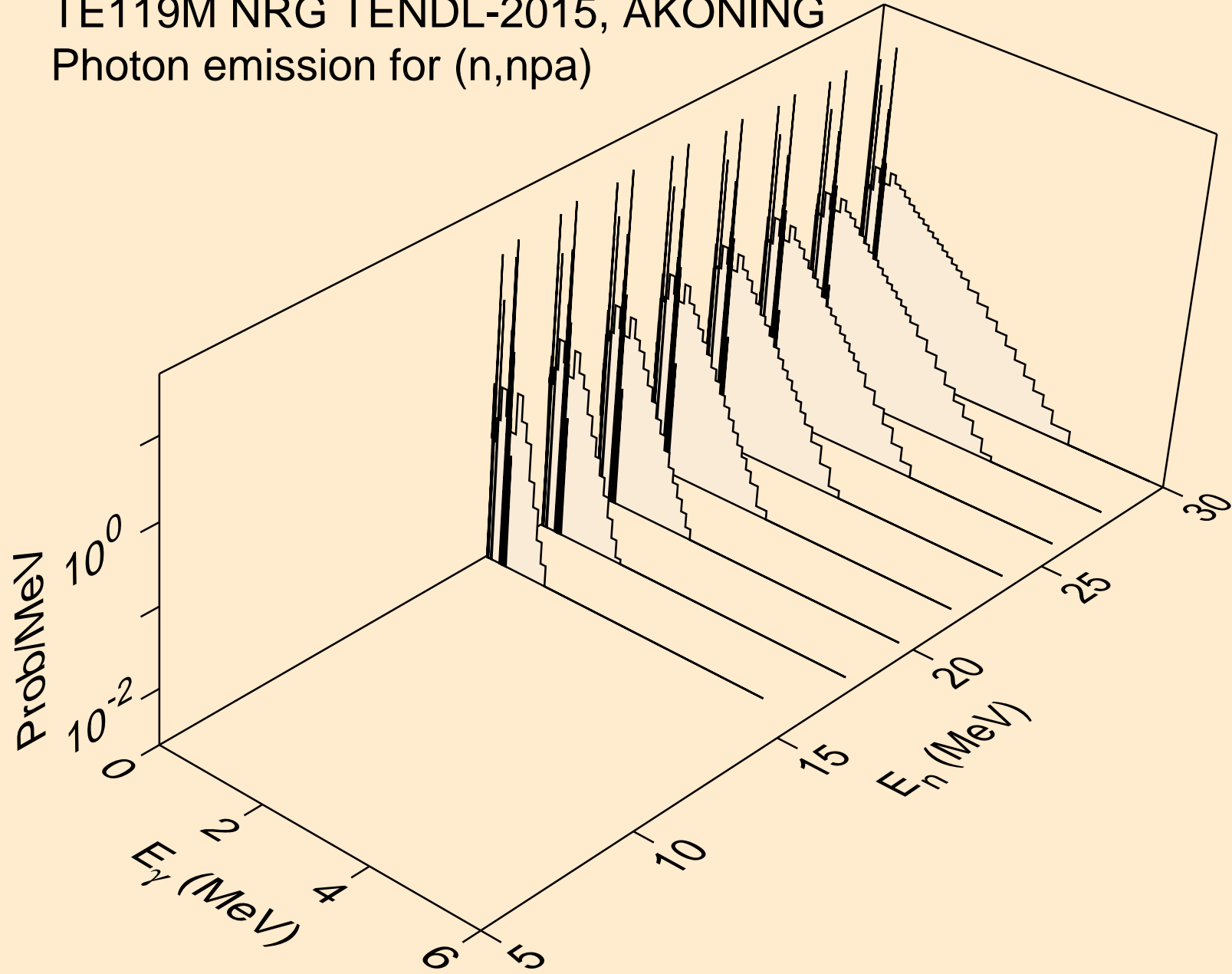
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



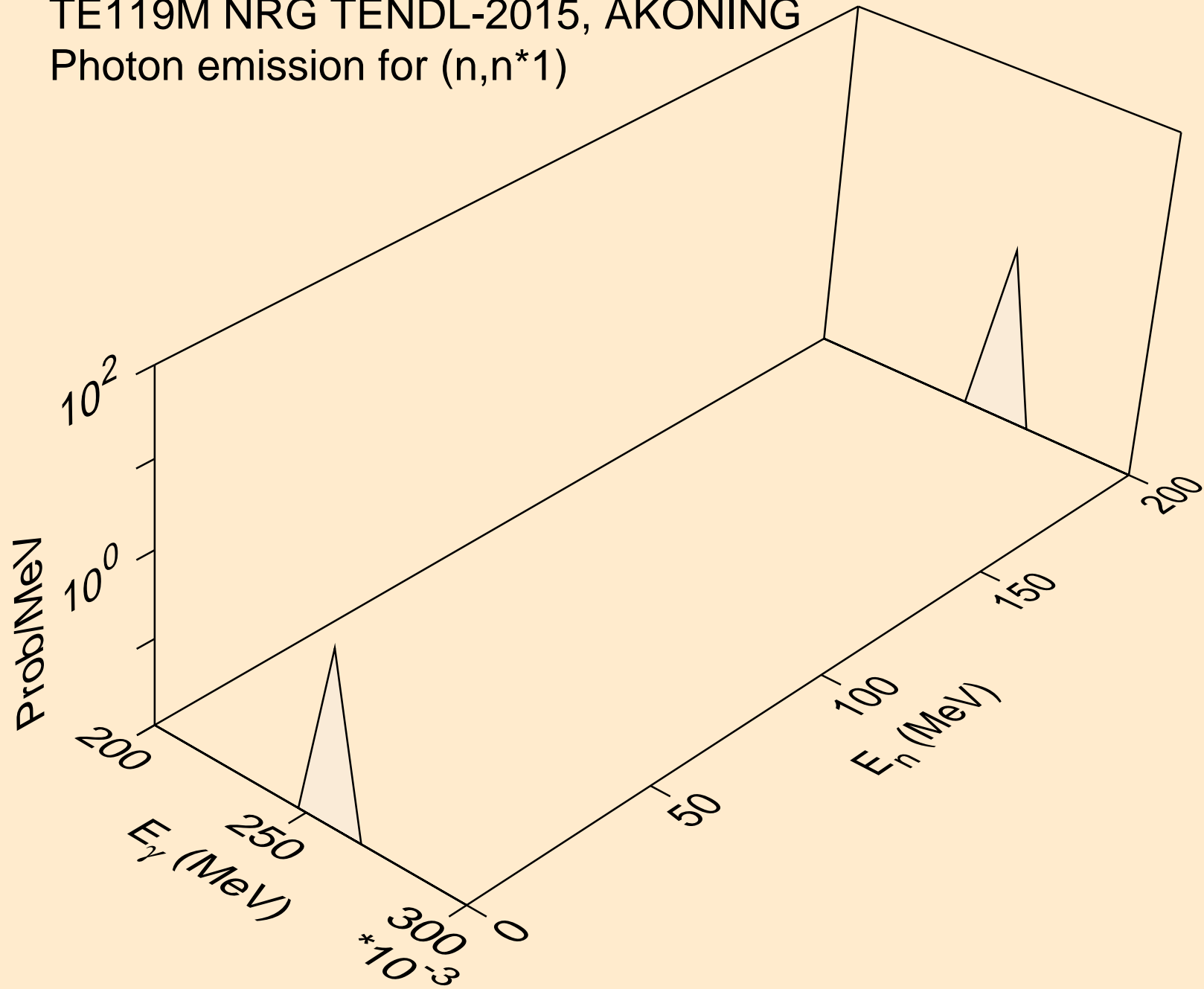
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



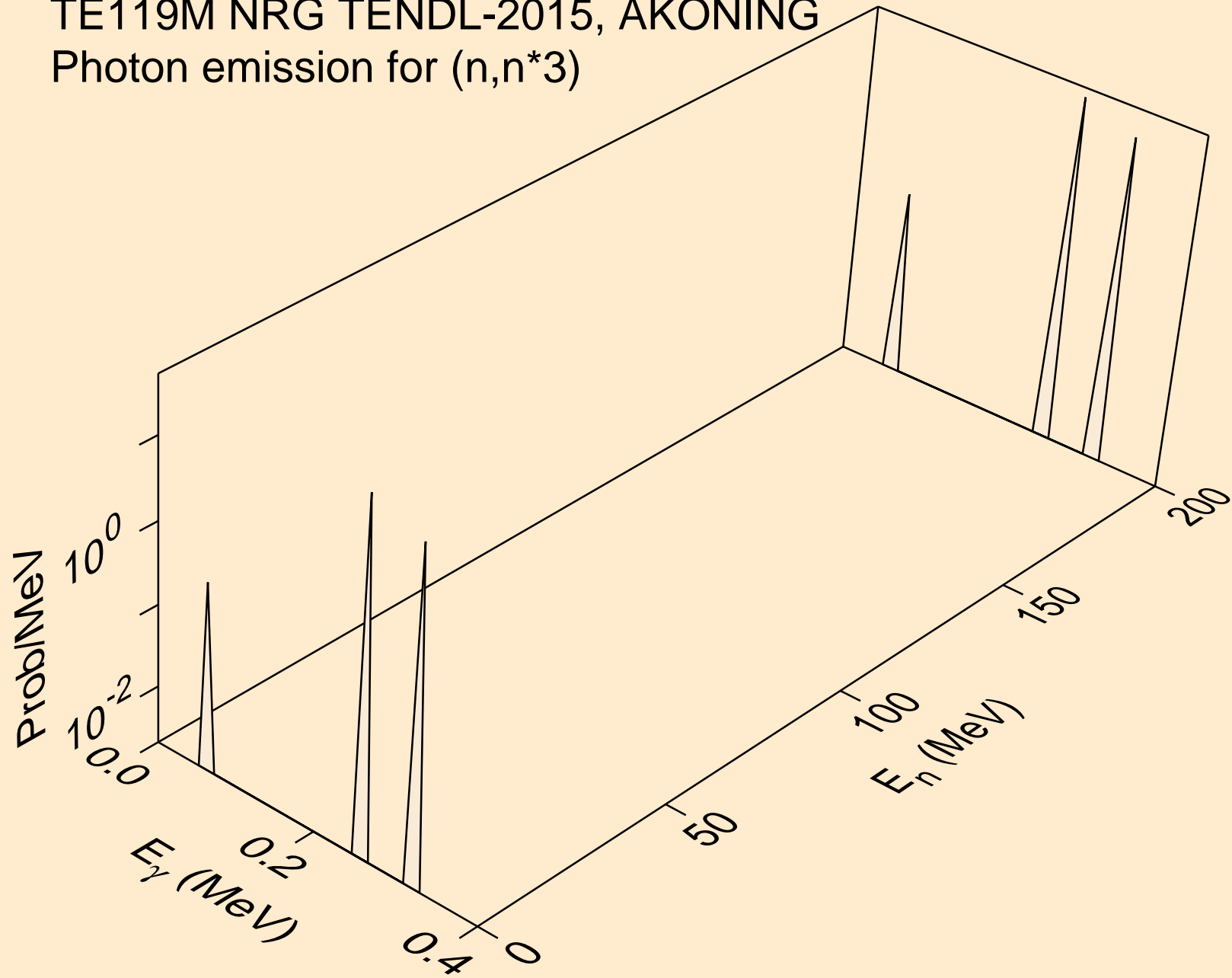
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



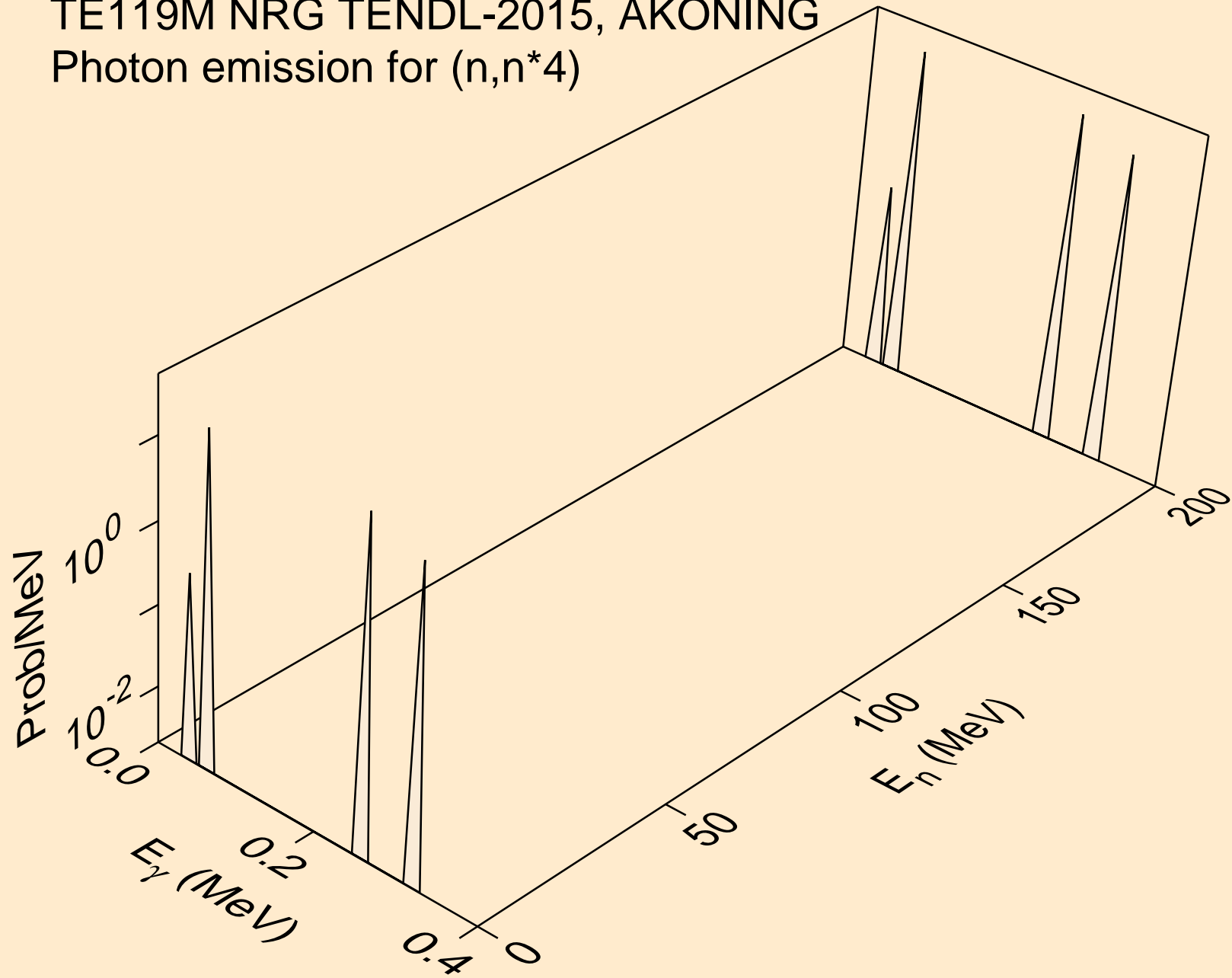
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)



TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)

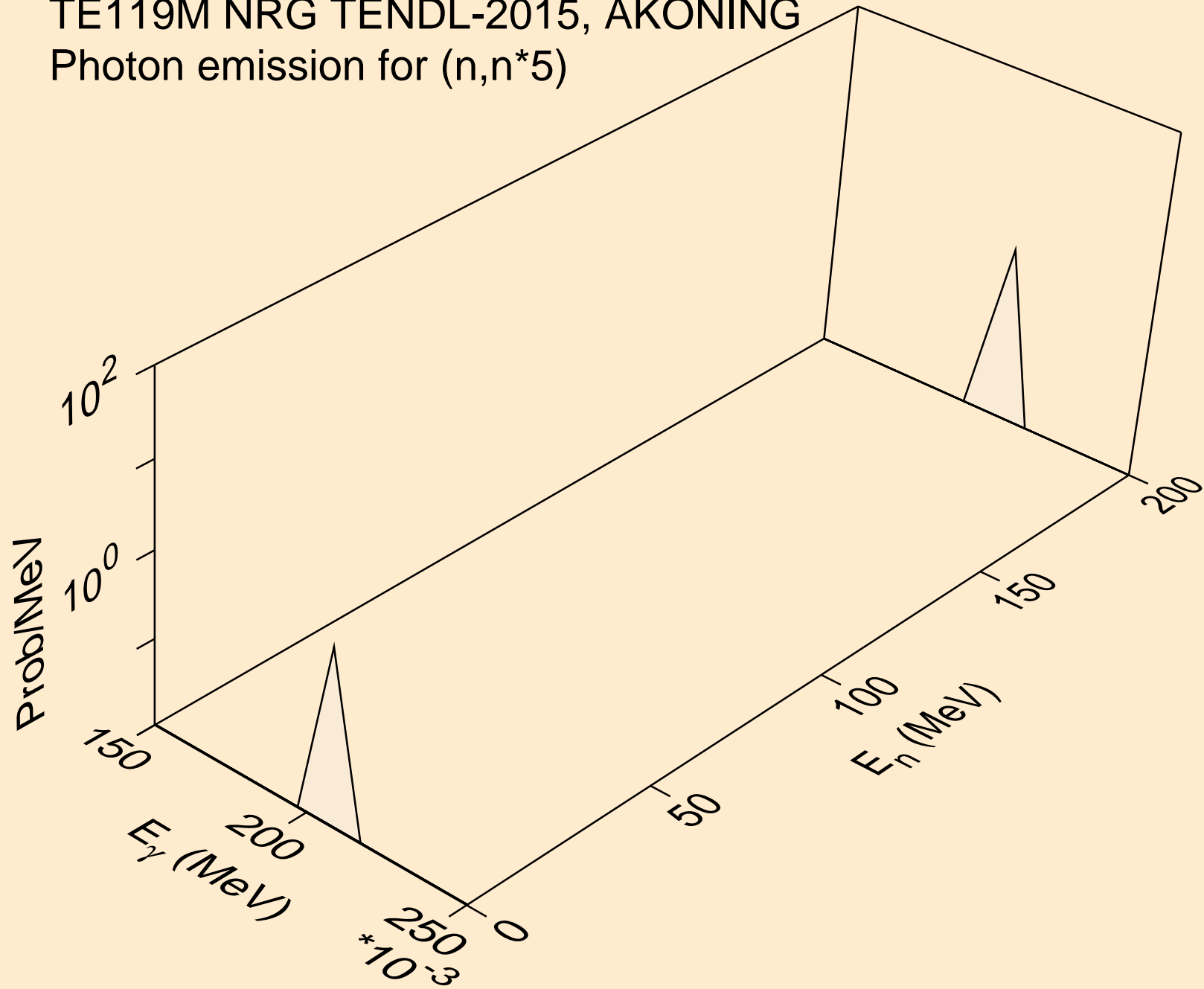


TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)

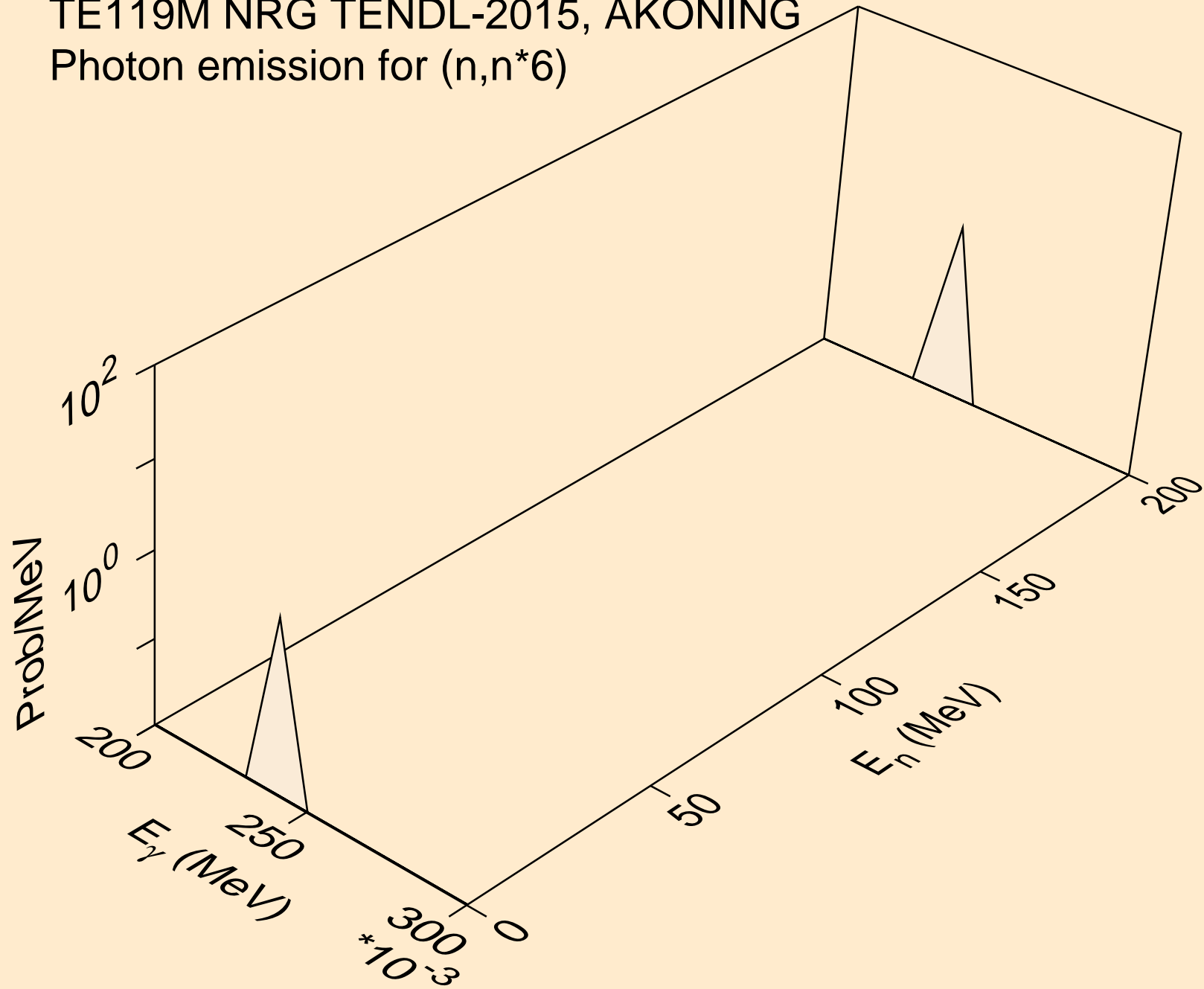




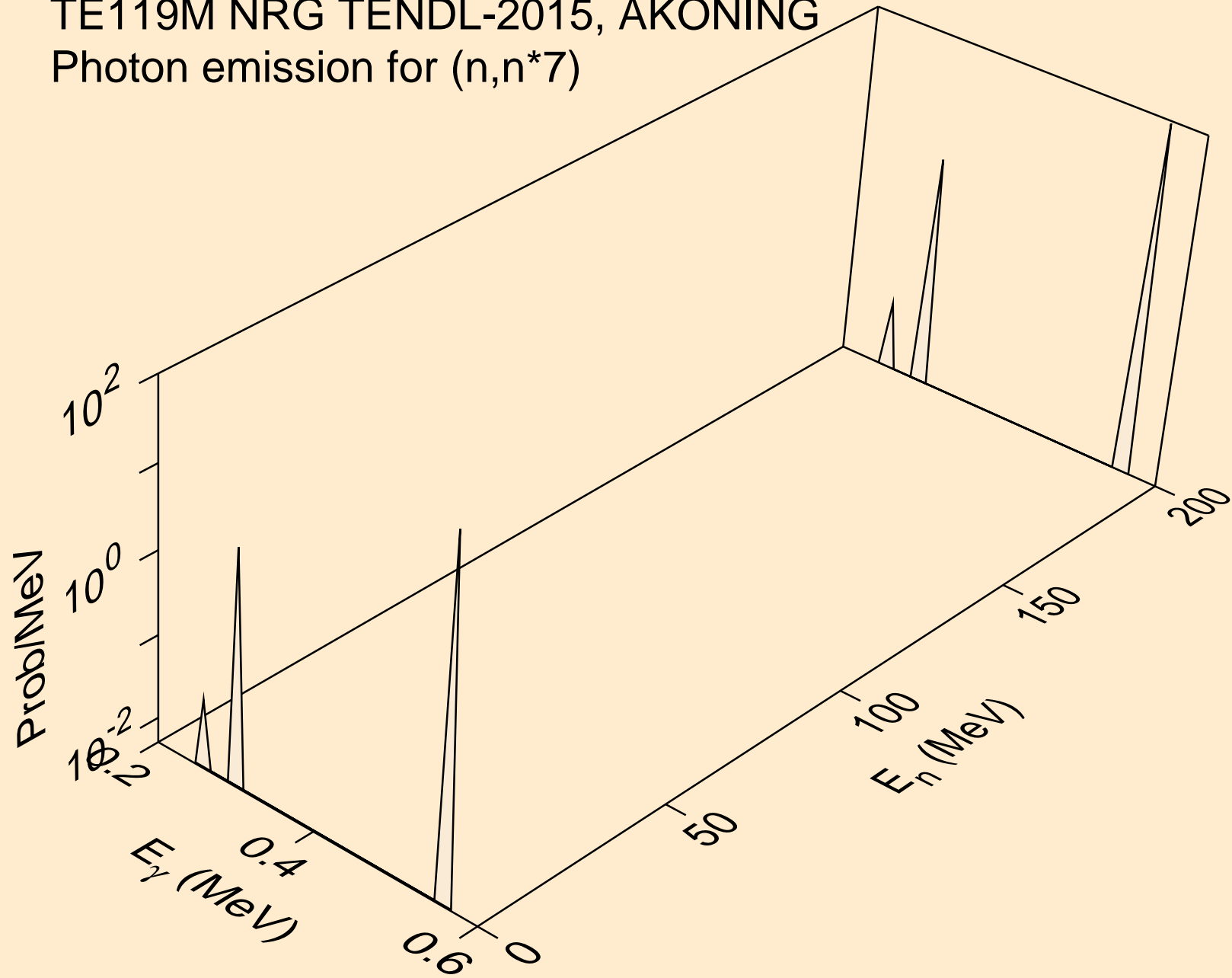
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



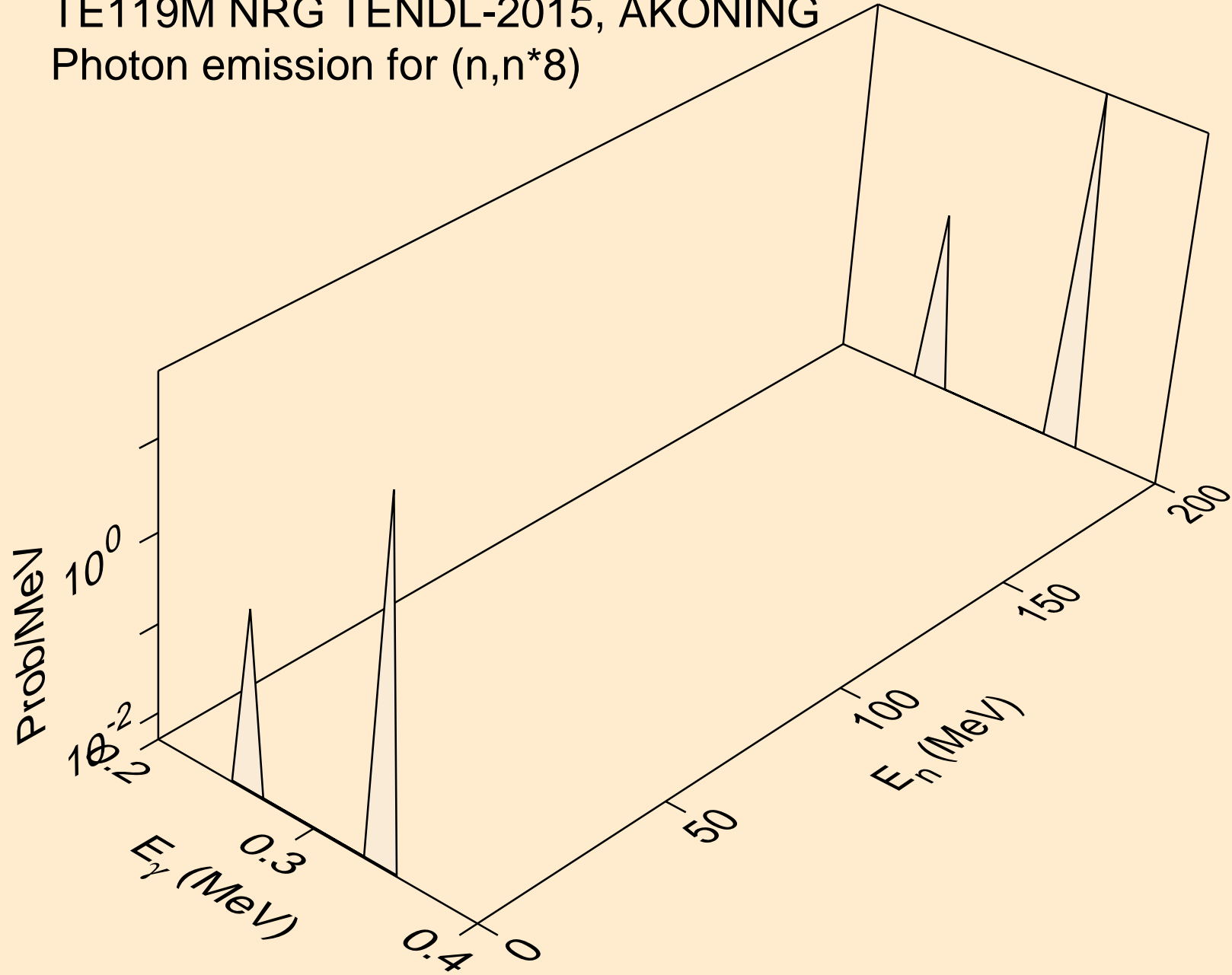
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



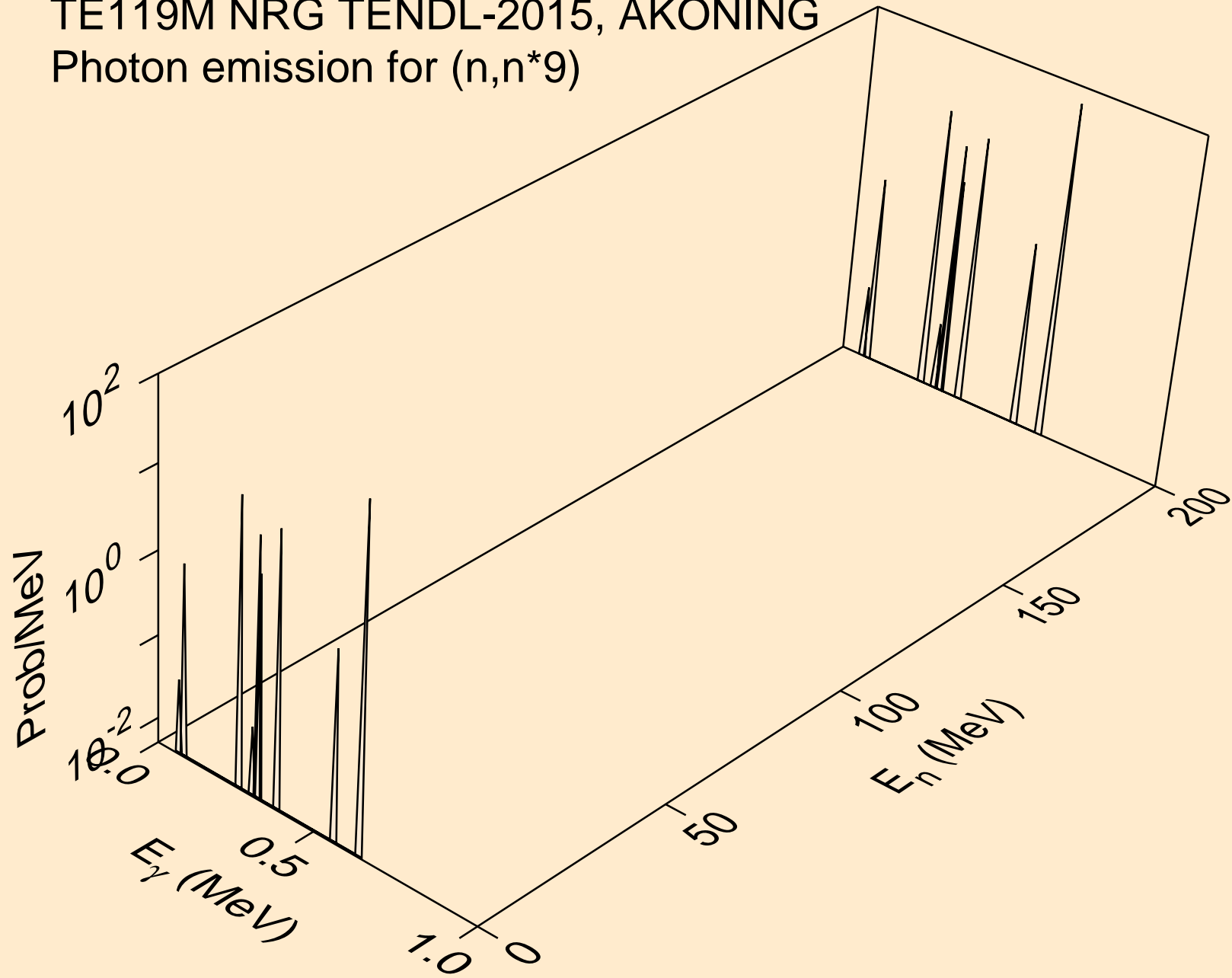
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



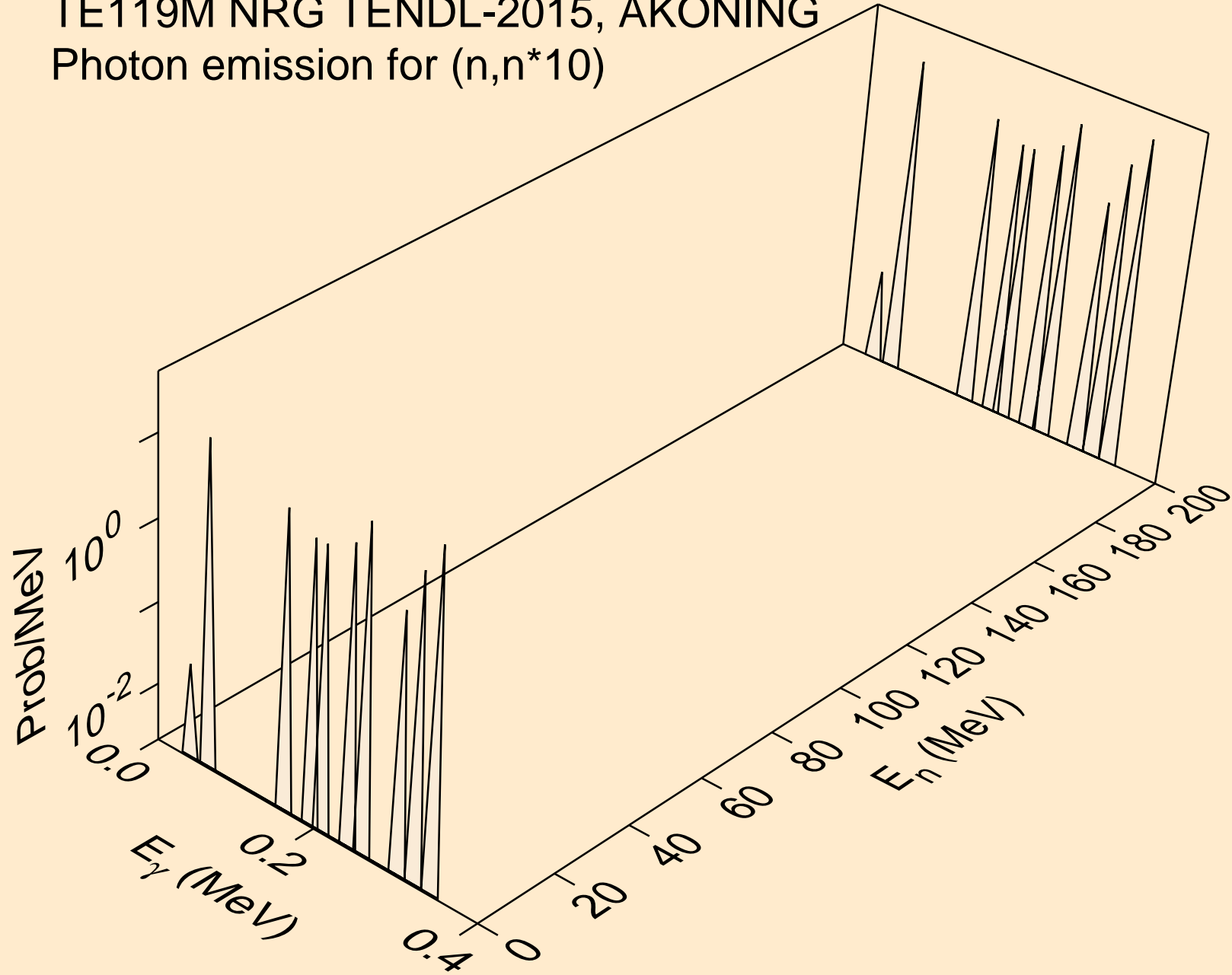
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



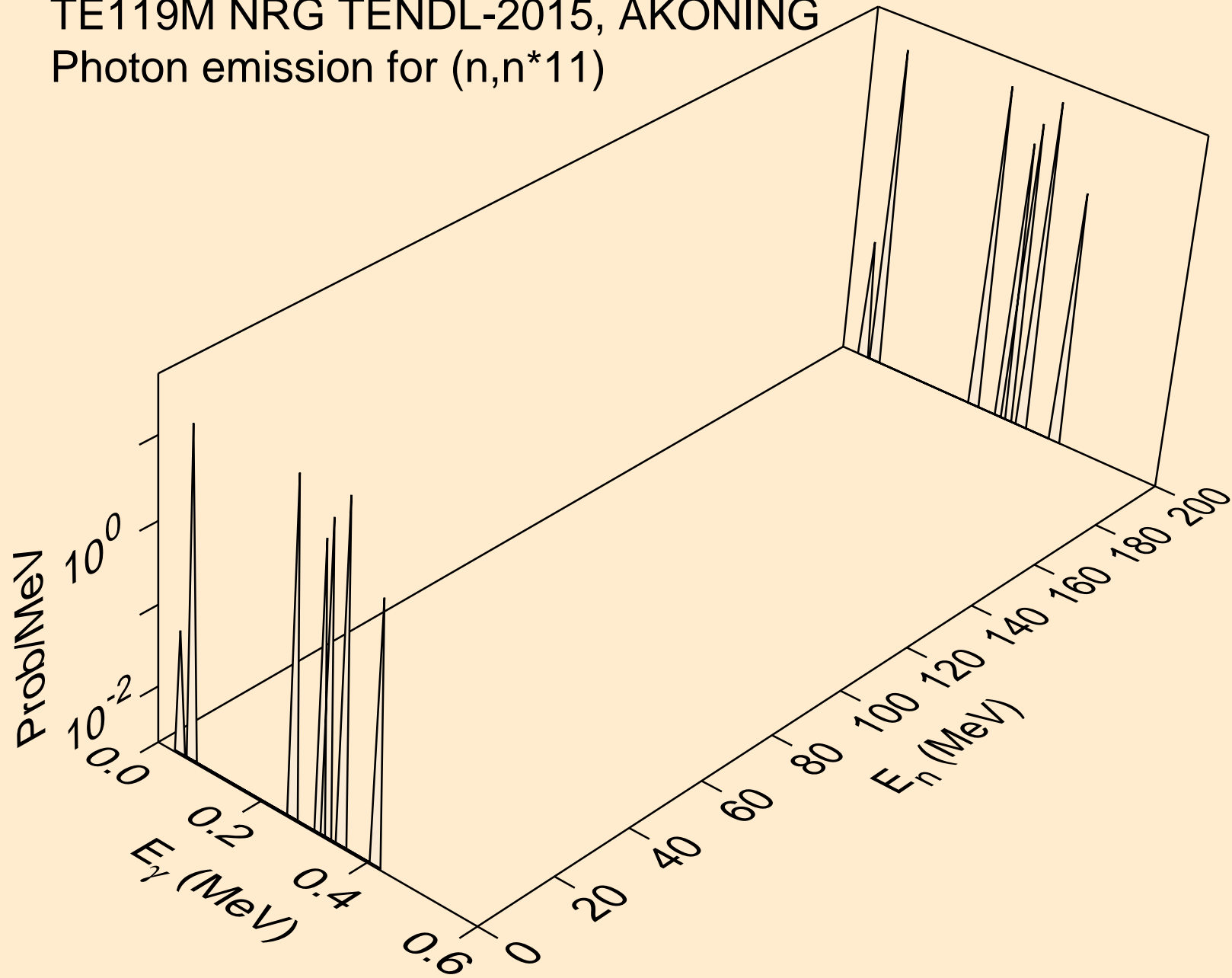
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)



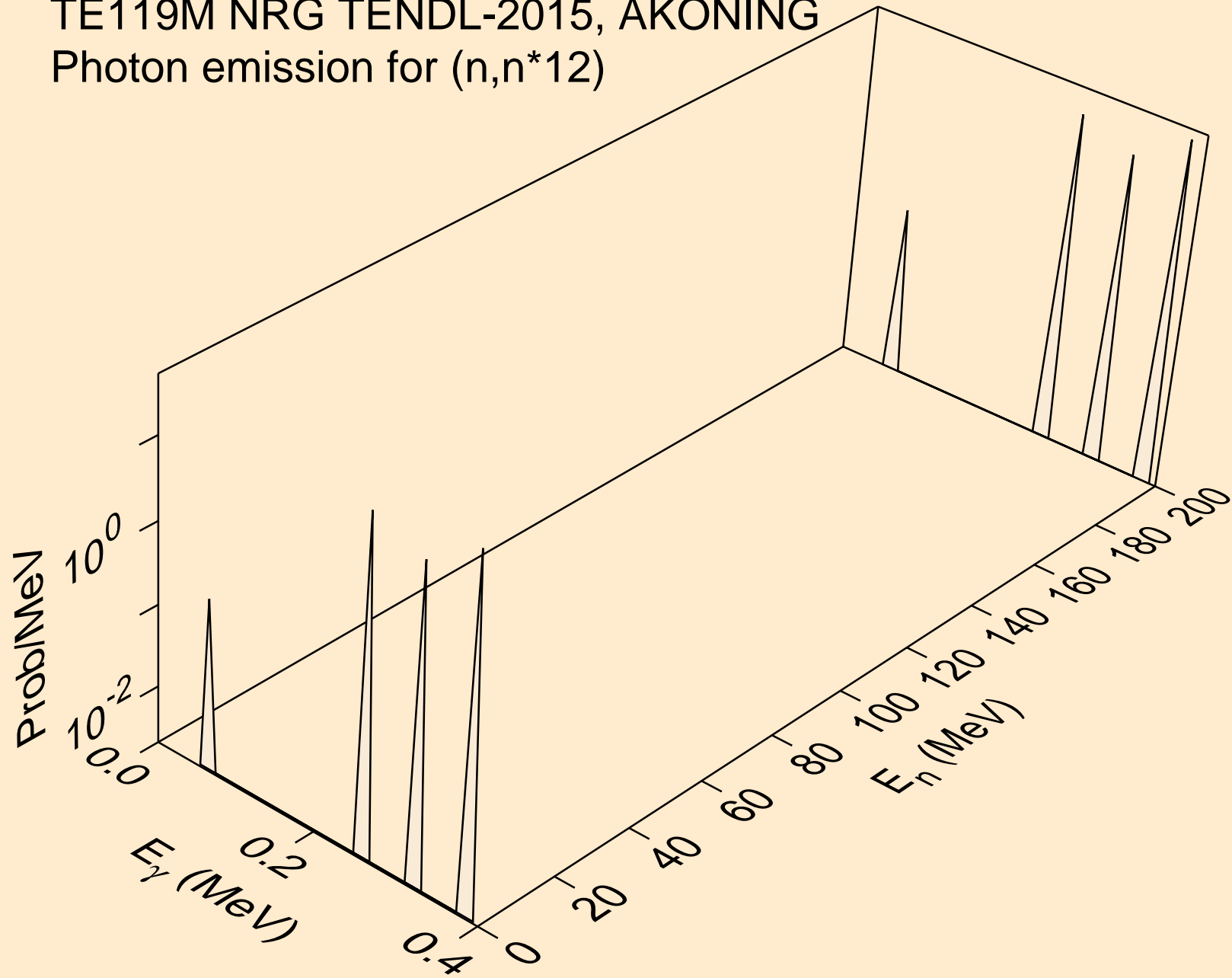
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)



TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)

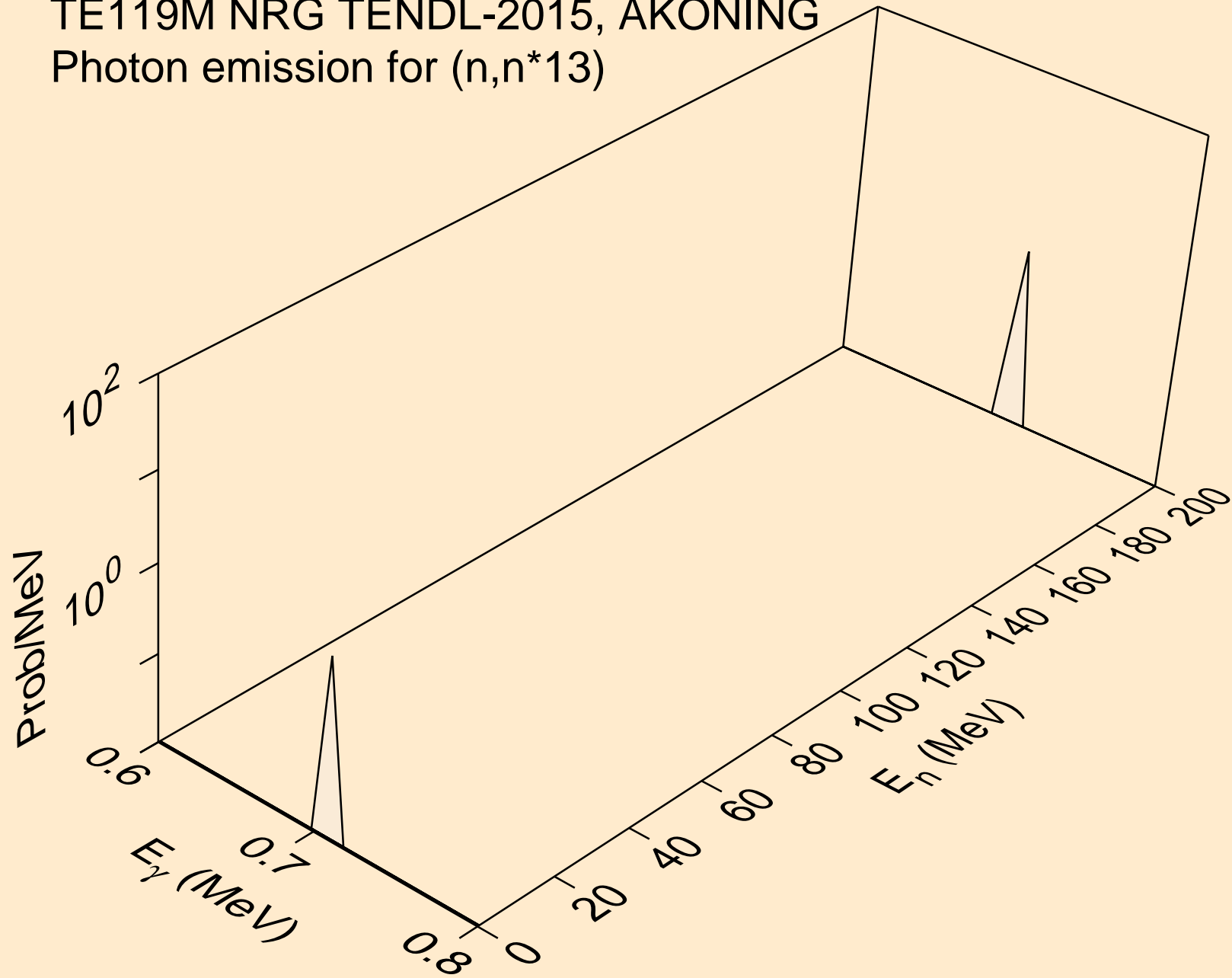


TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*12)

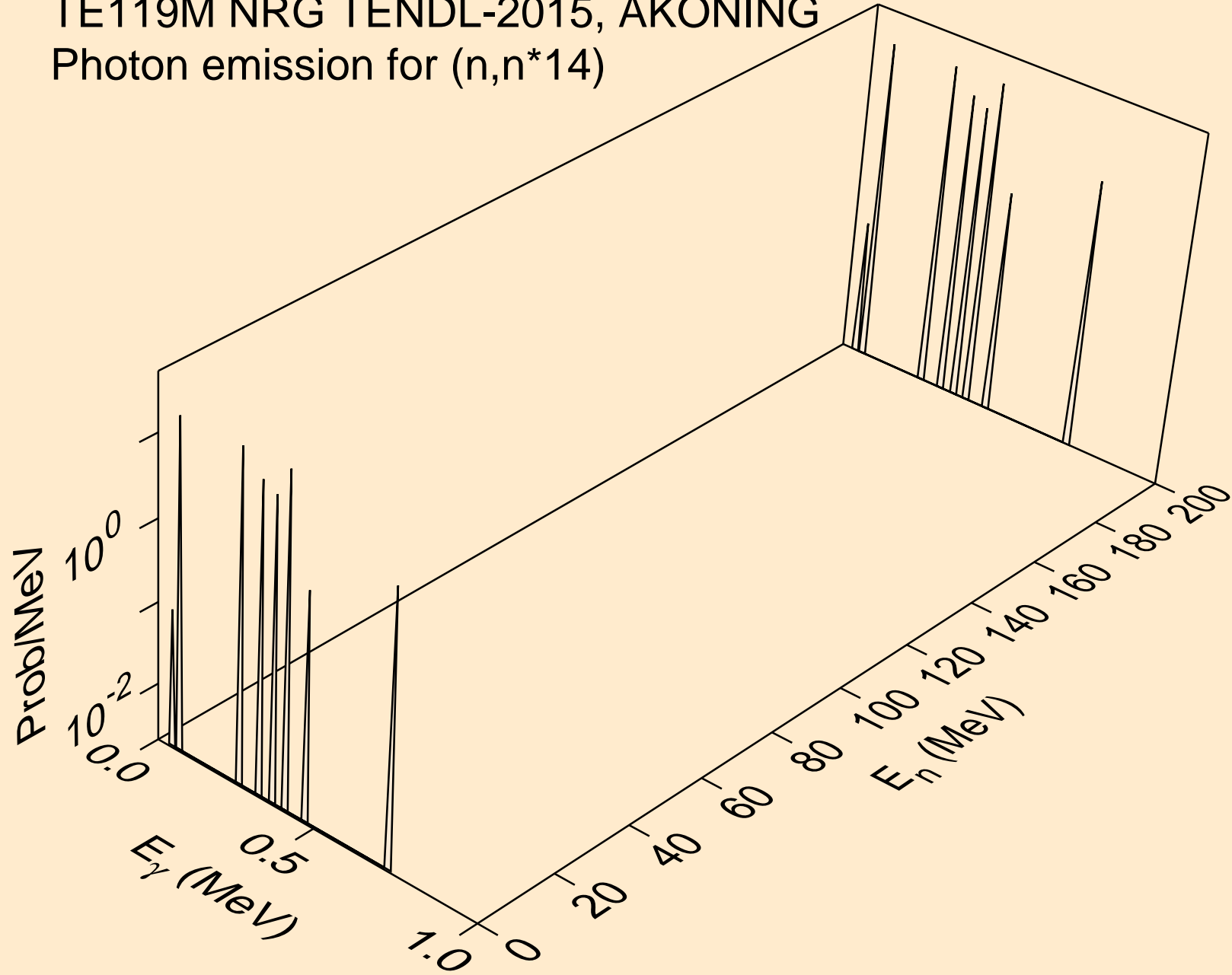




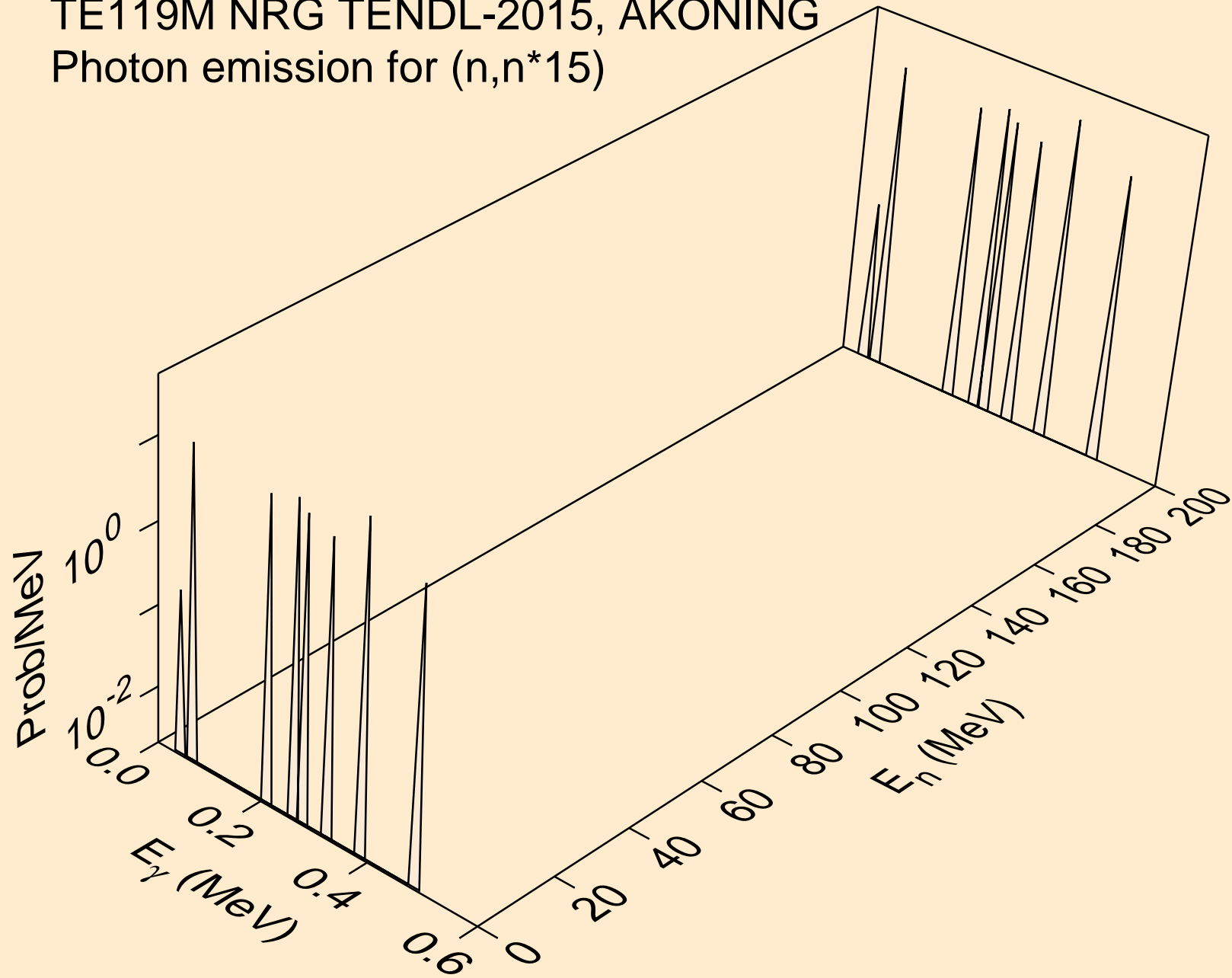
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)



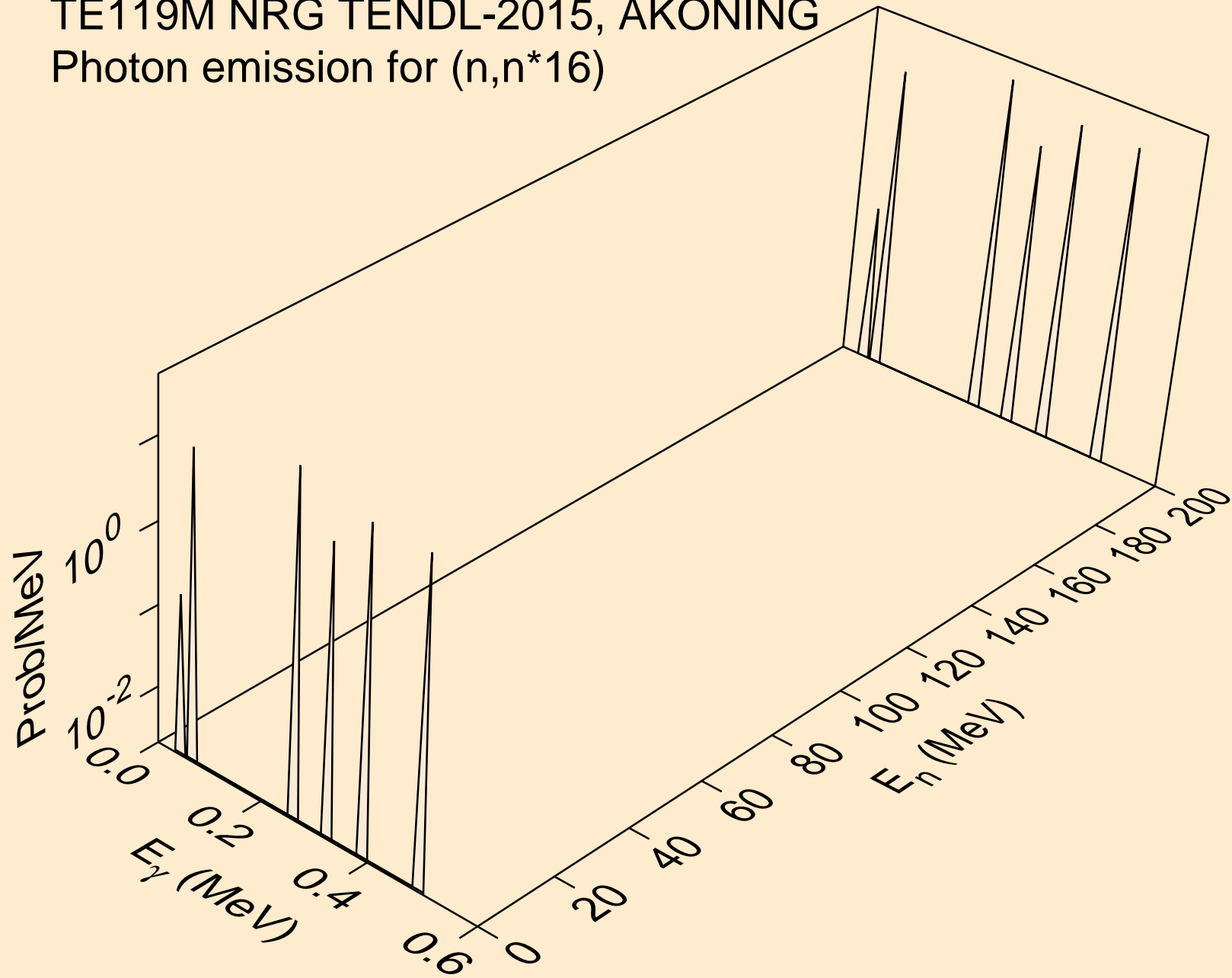
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Photon emission for (n,n\*14)



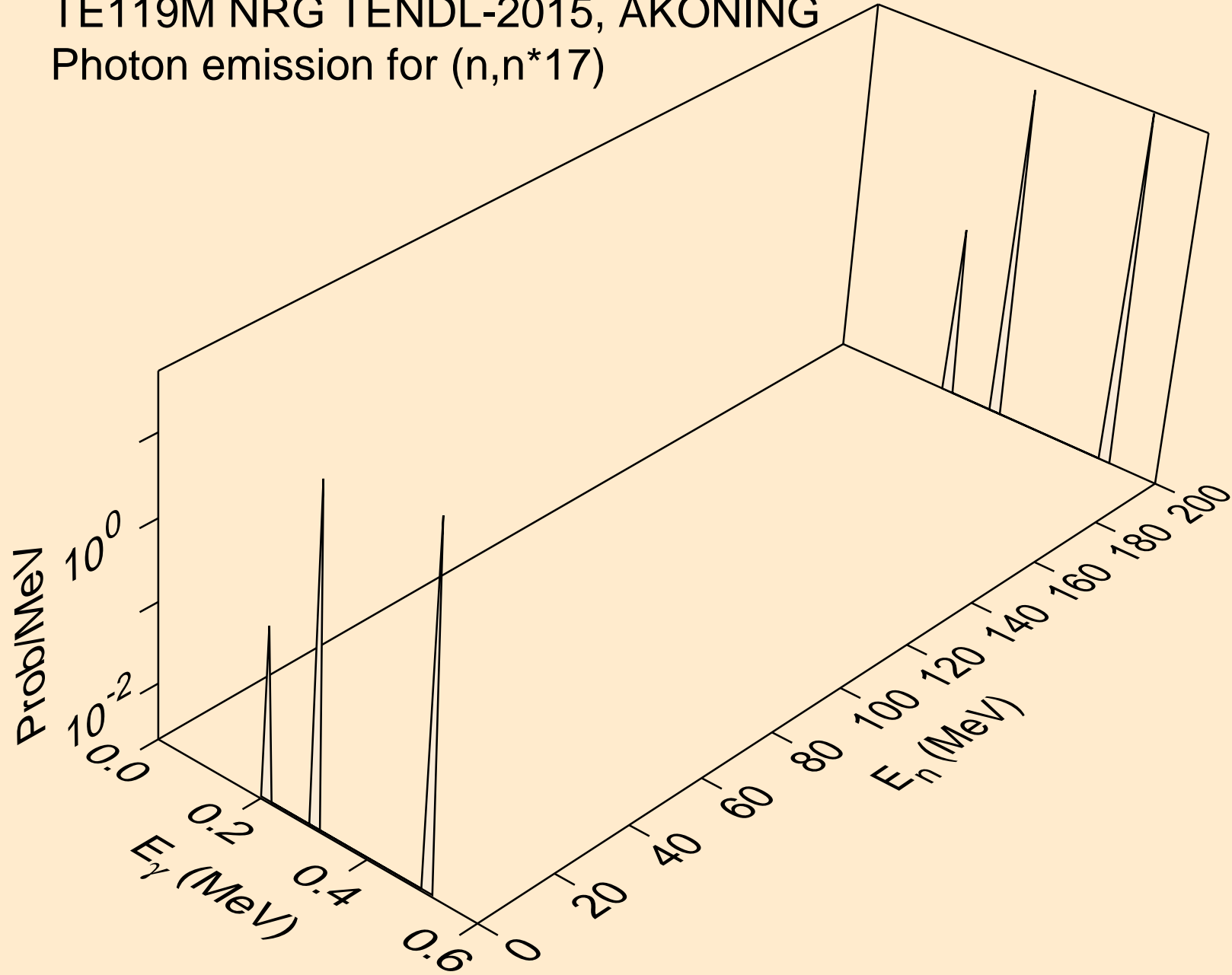
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Photon emission for (n,n\*15)



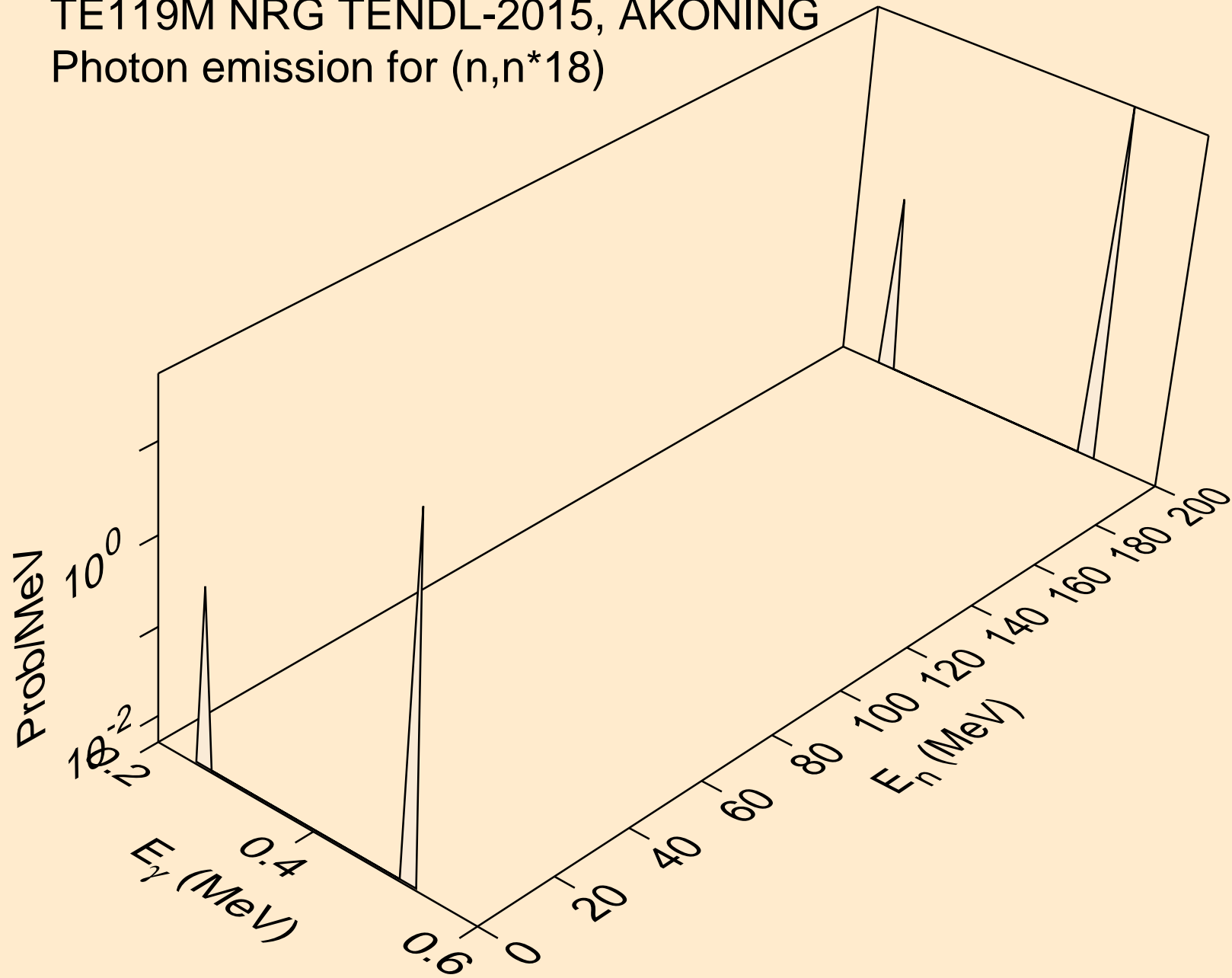
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)



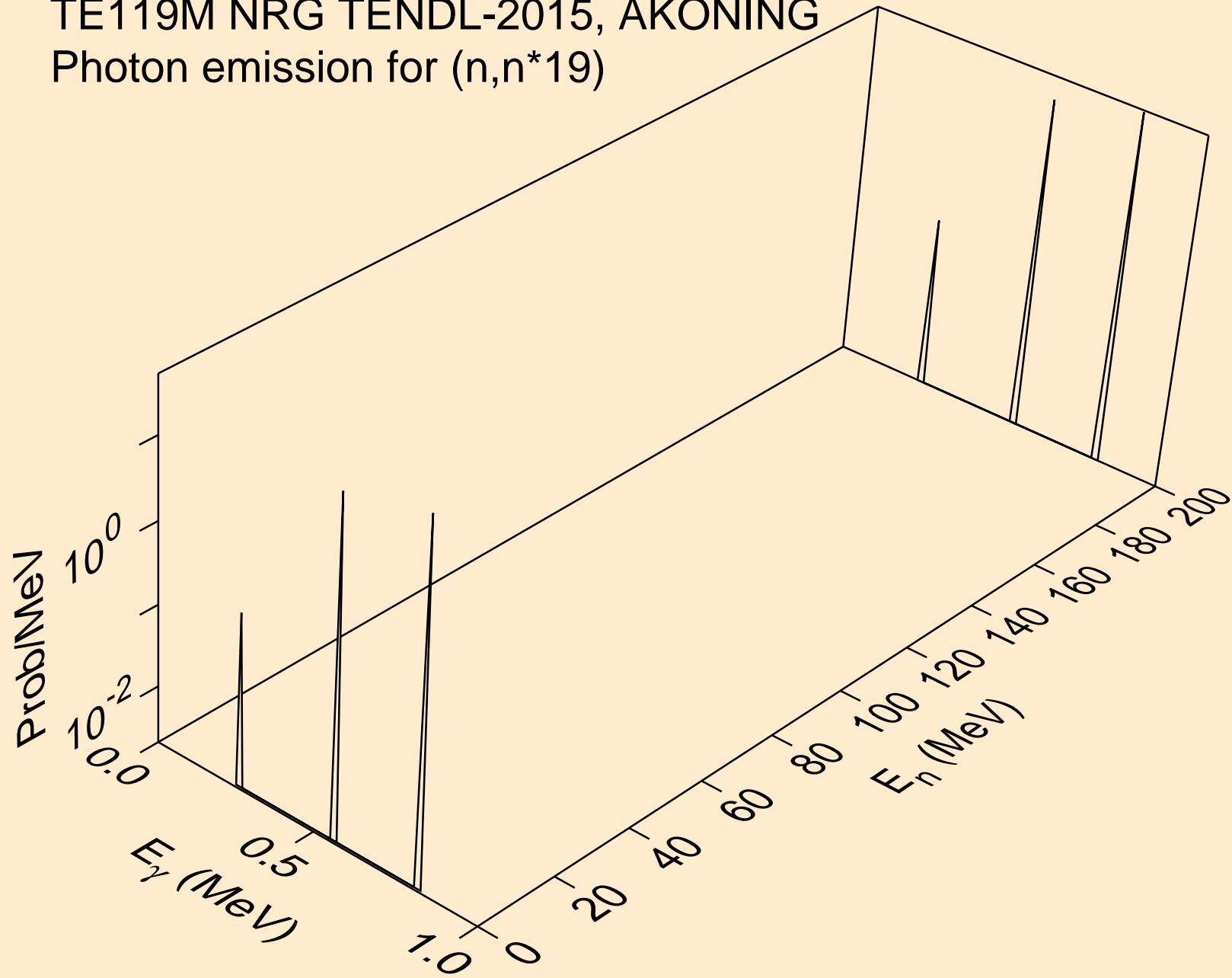
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)



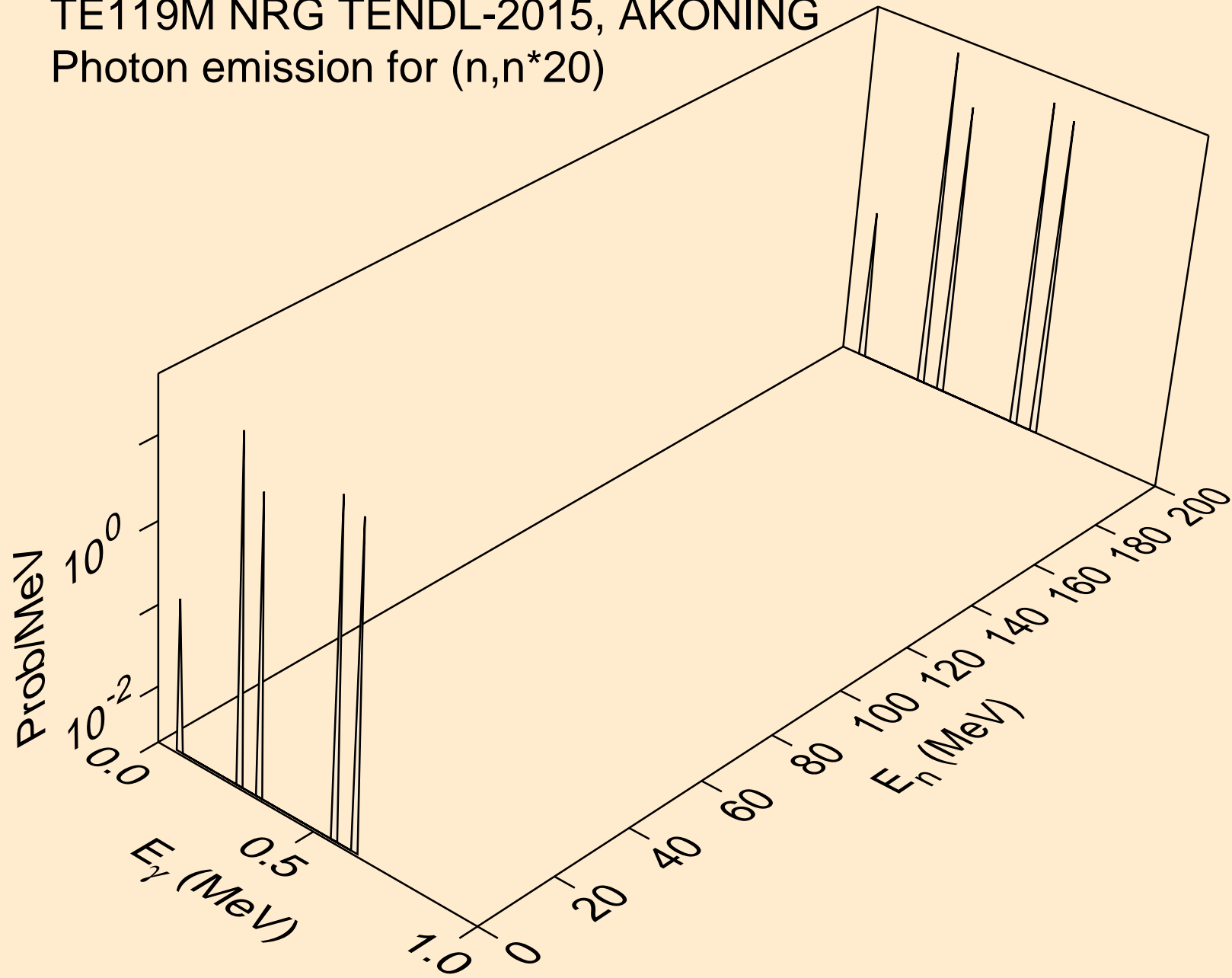
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)



TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)

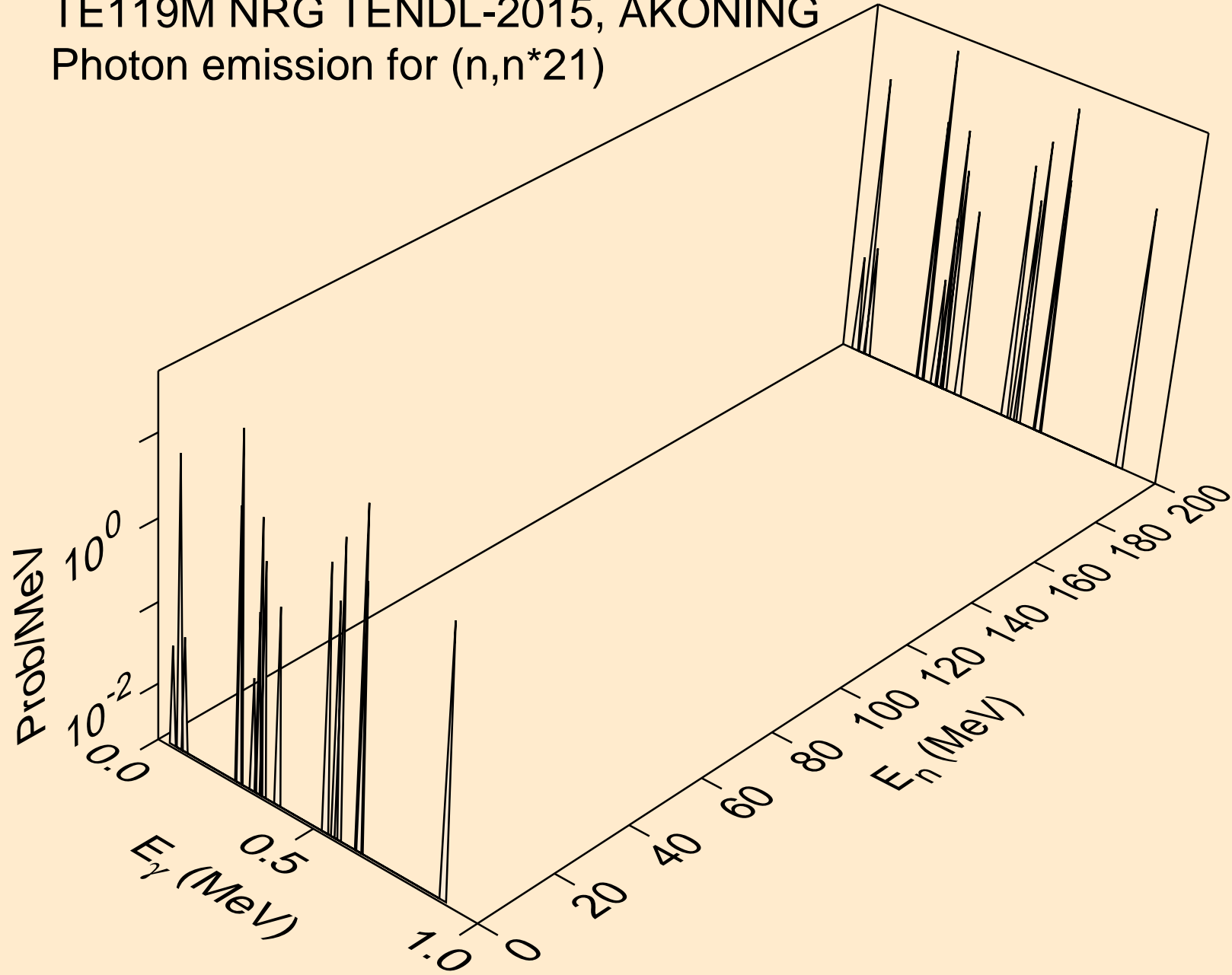


TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)

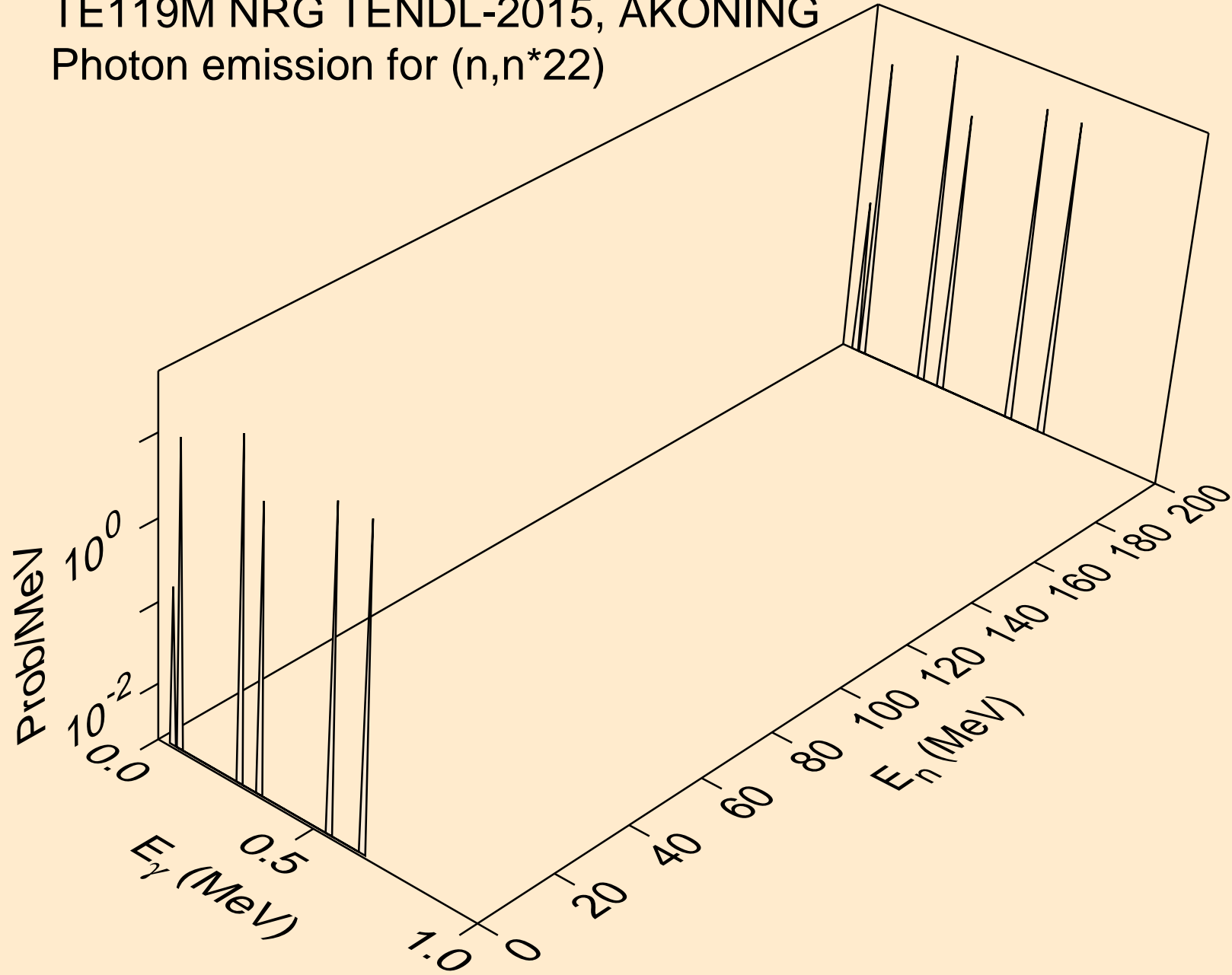




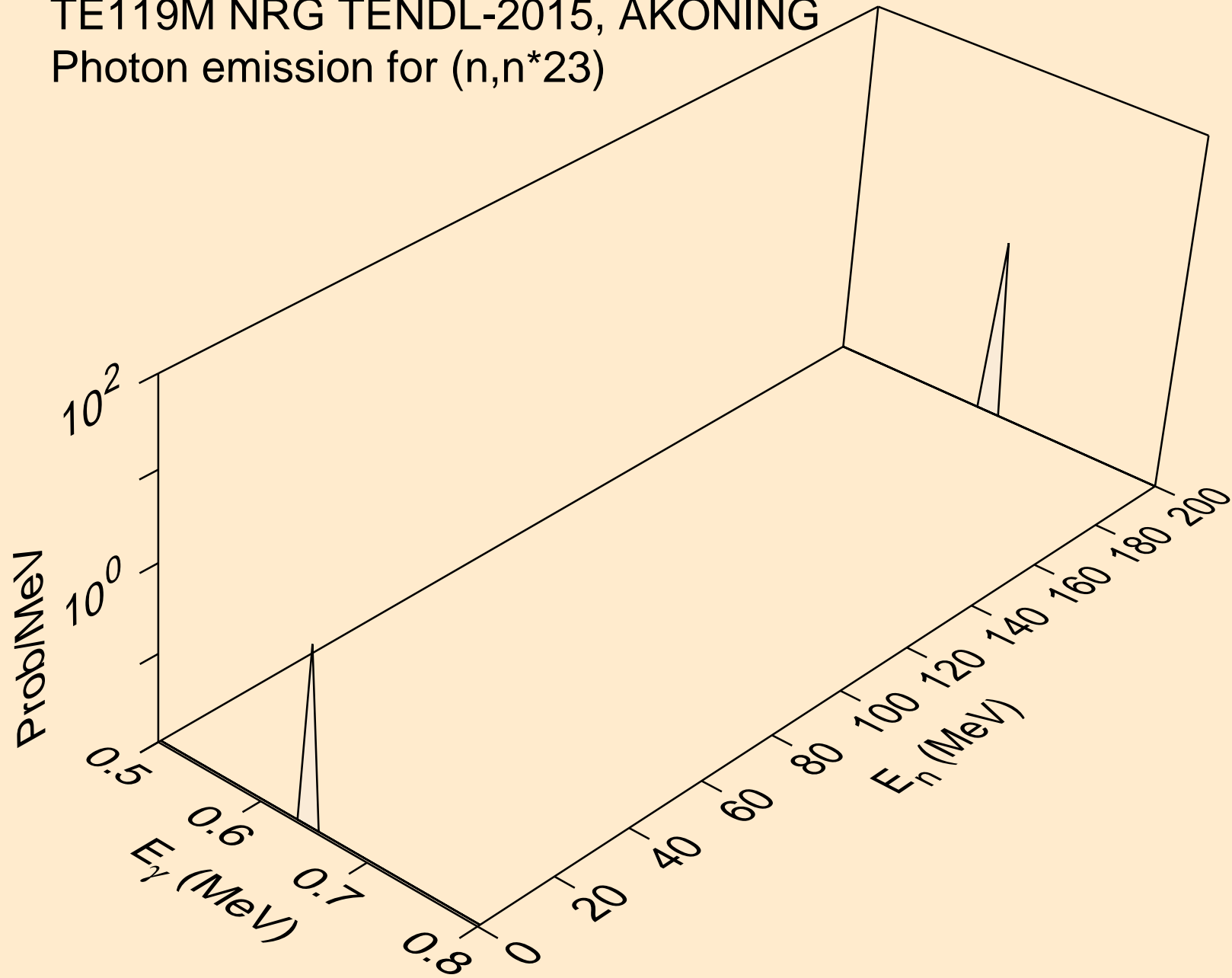
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)



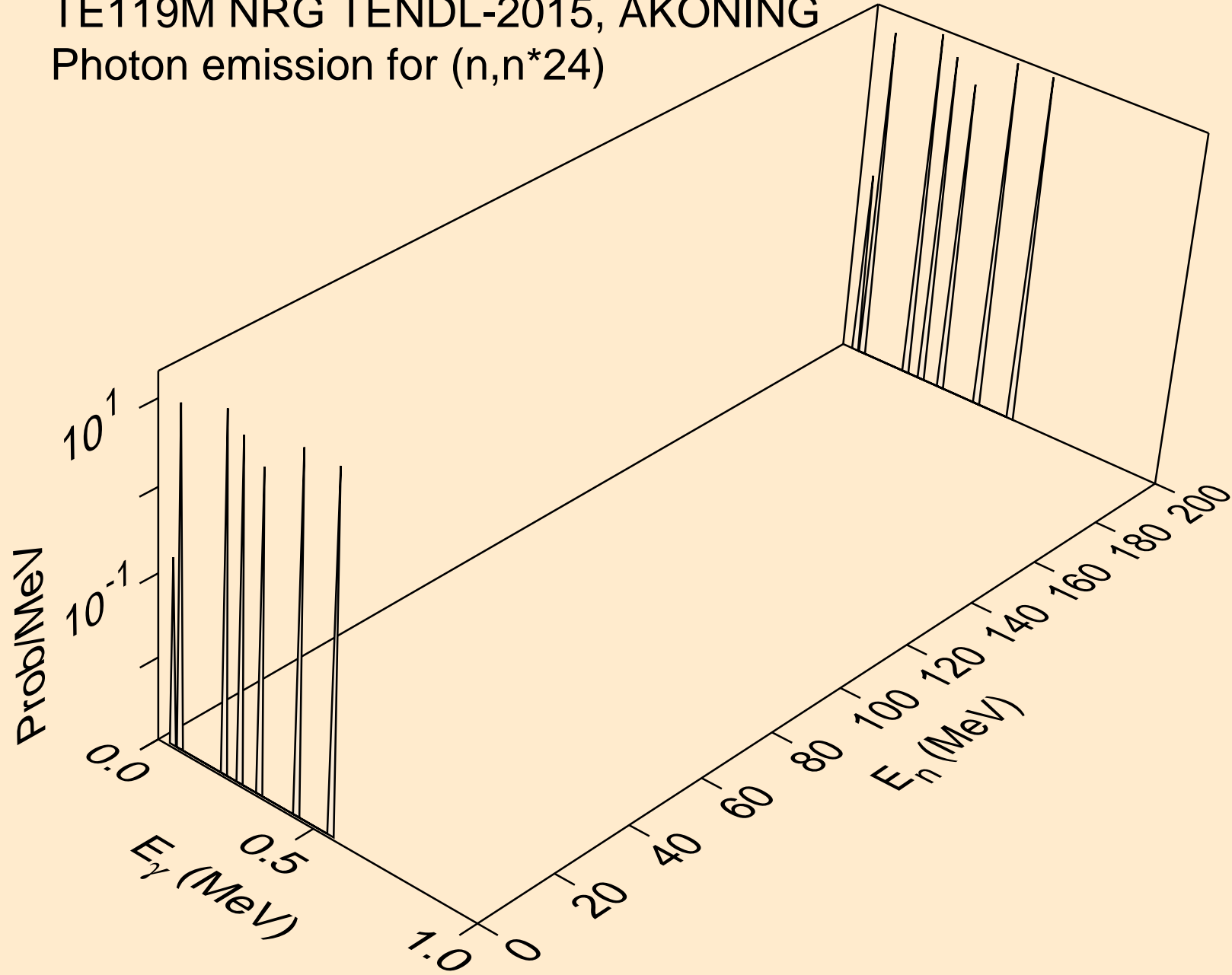
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Photon emission for (n,n\*22)



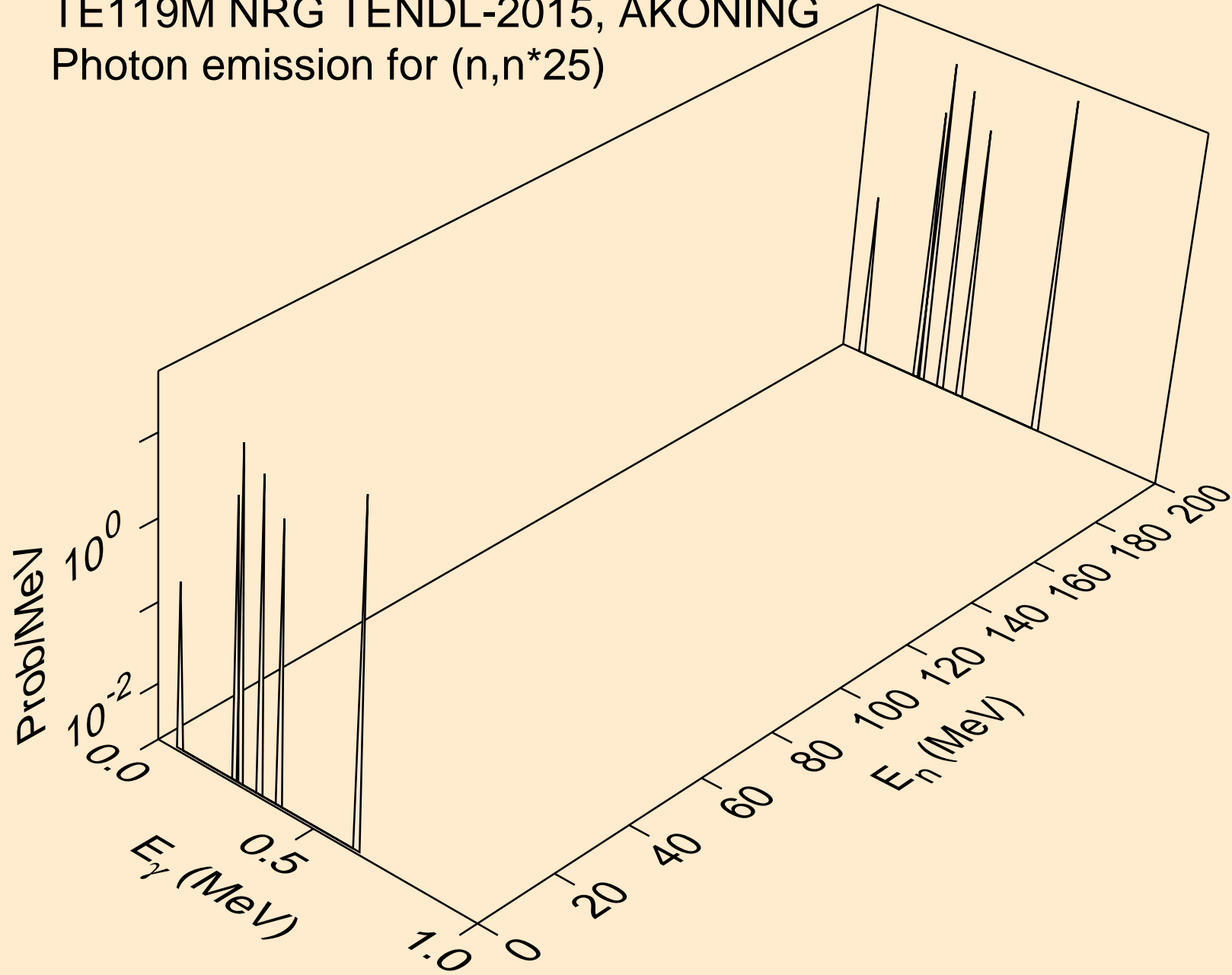
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*23)



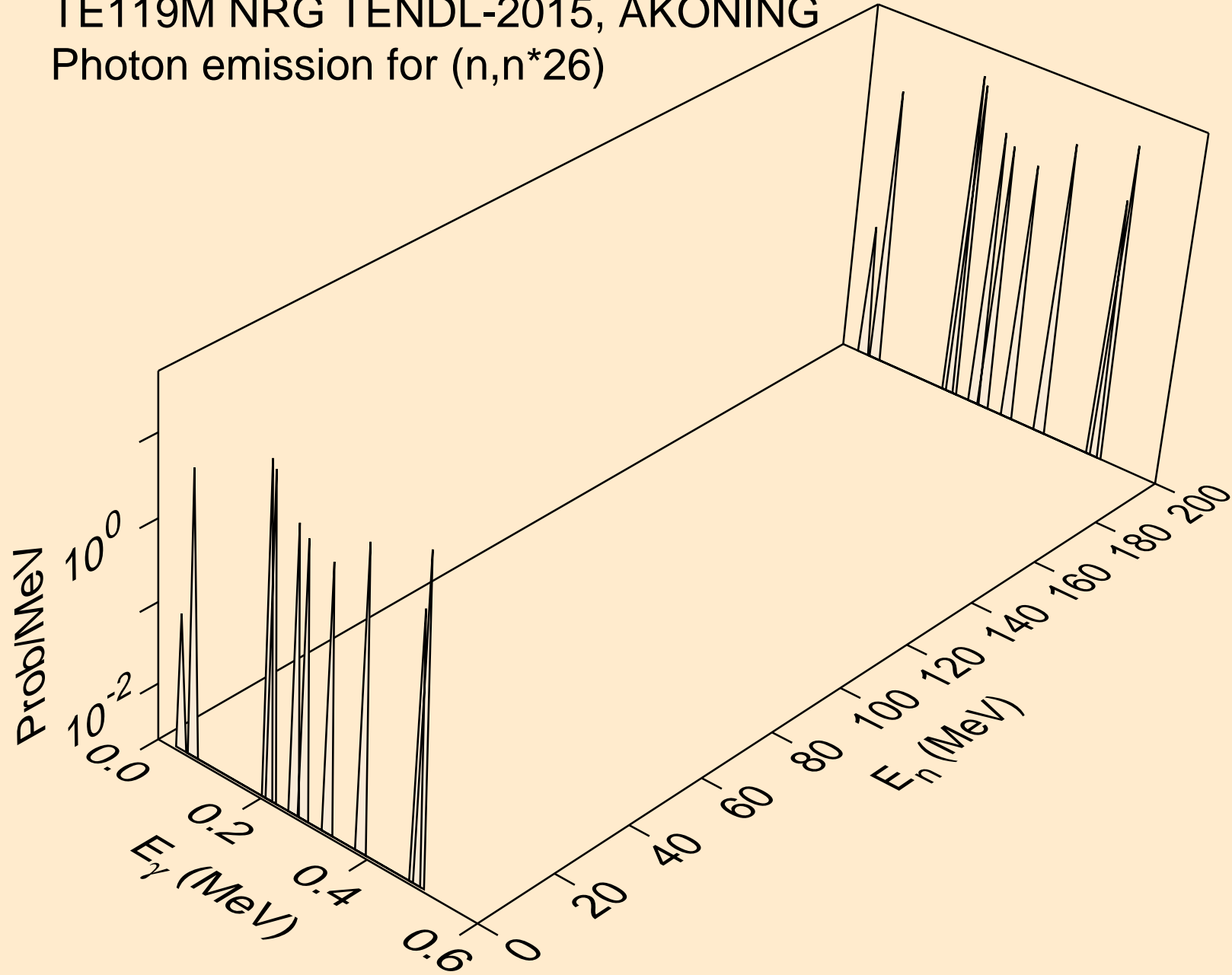
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)



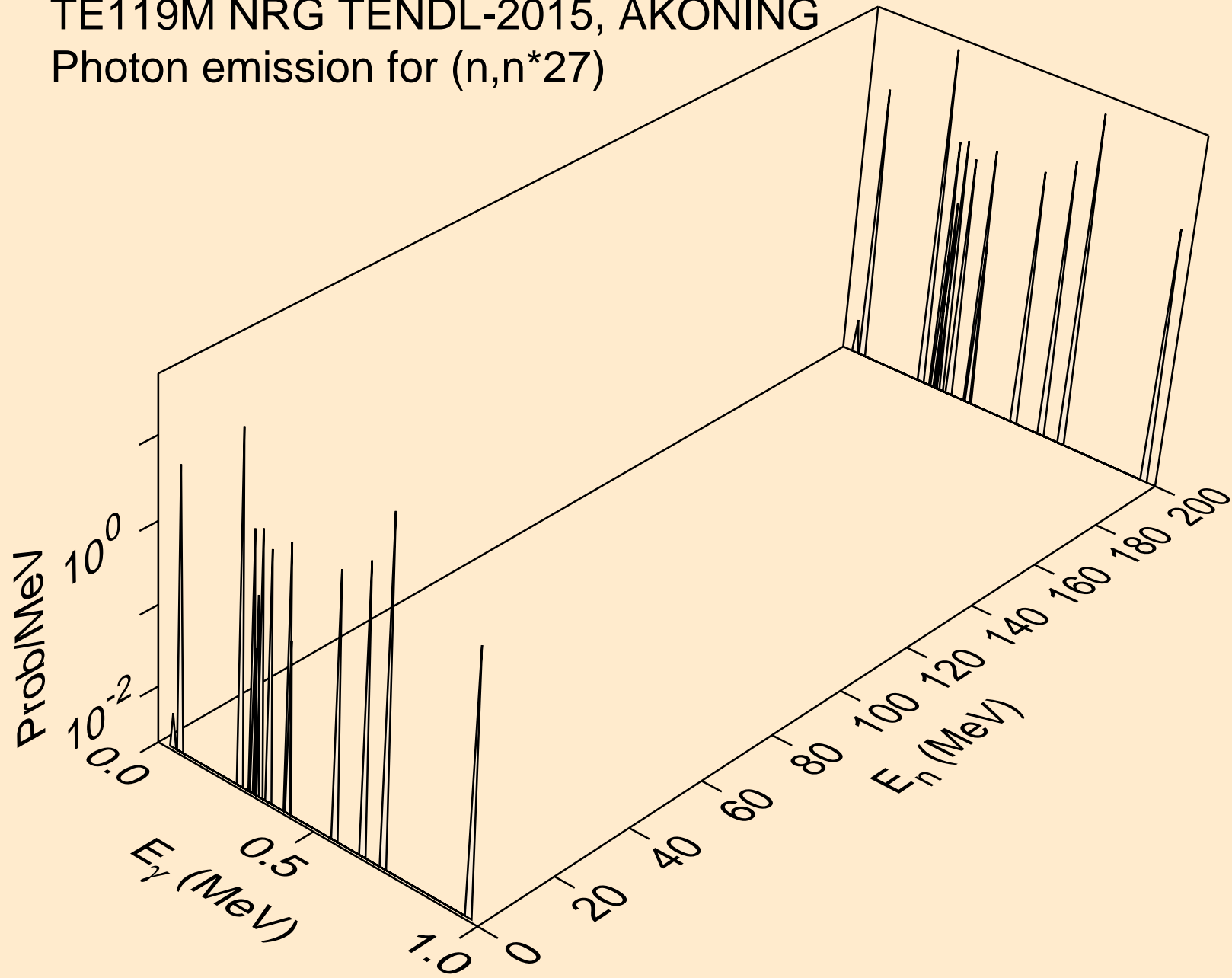
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)



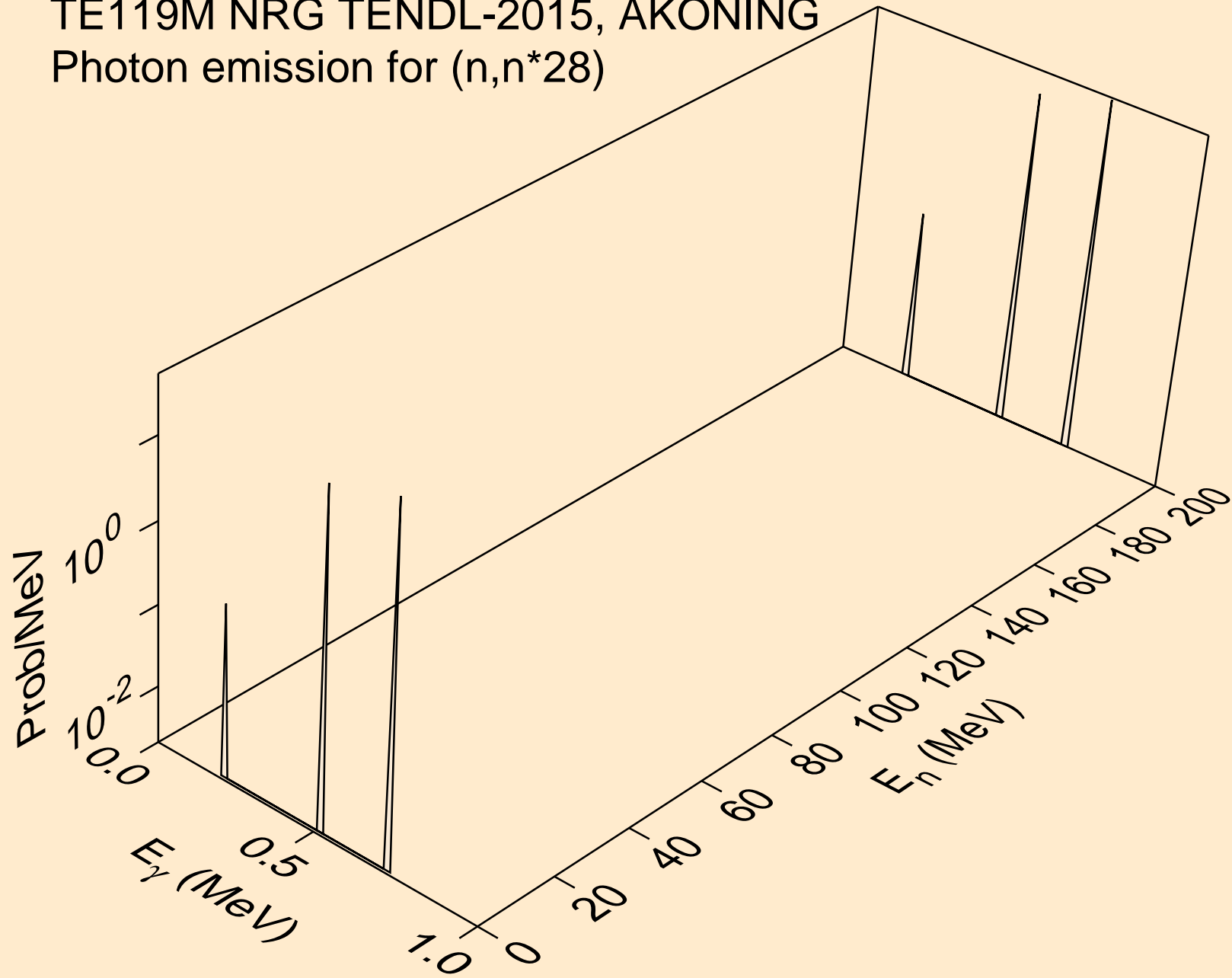
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)



TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*27)

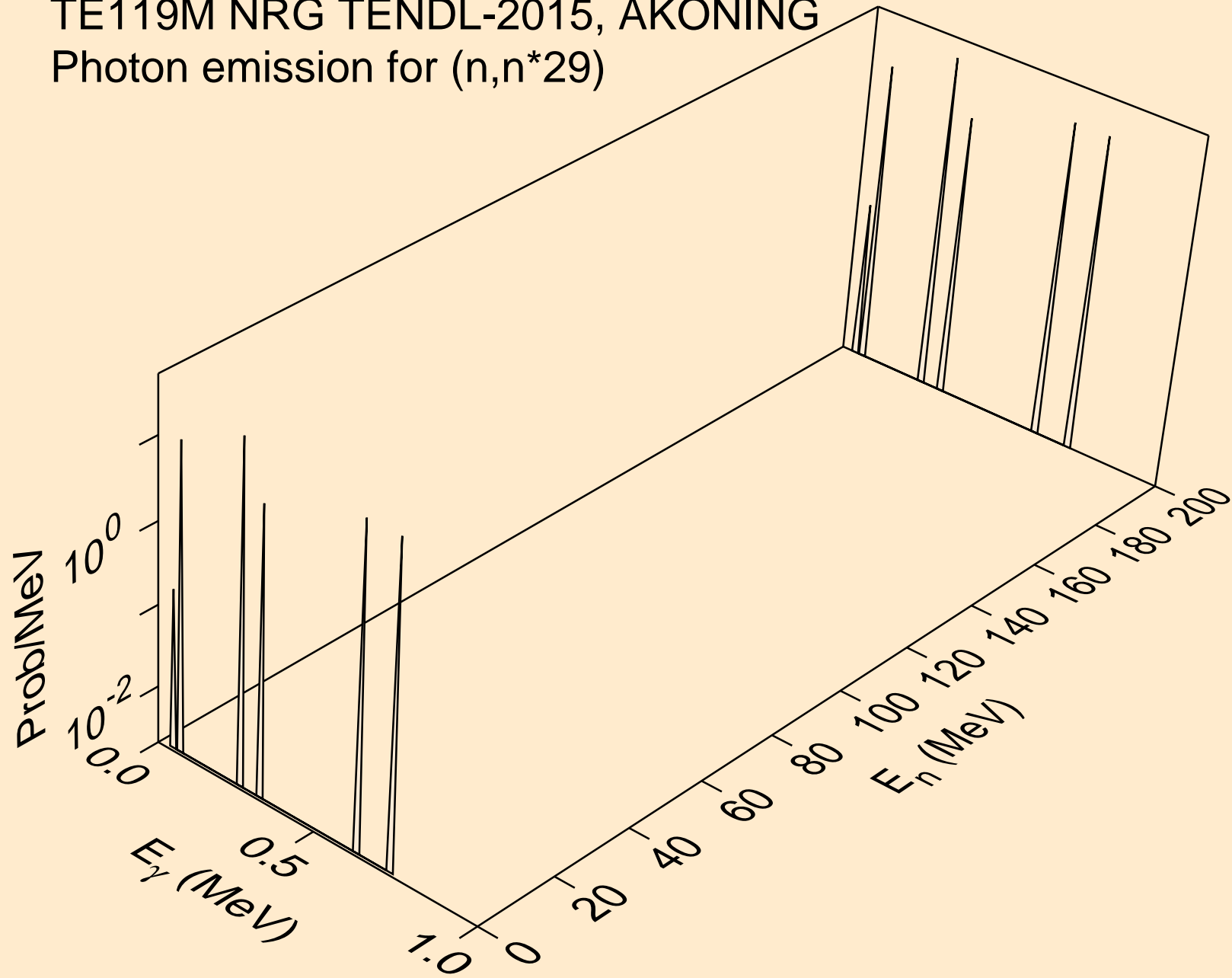


TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*28)

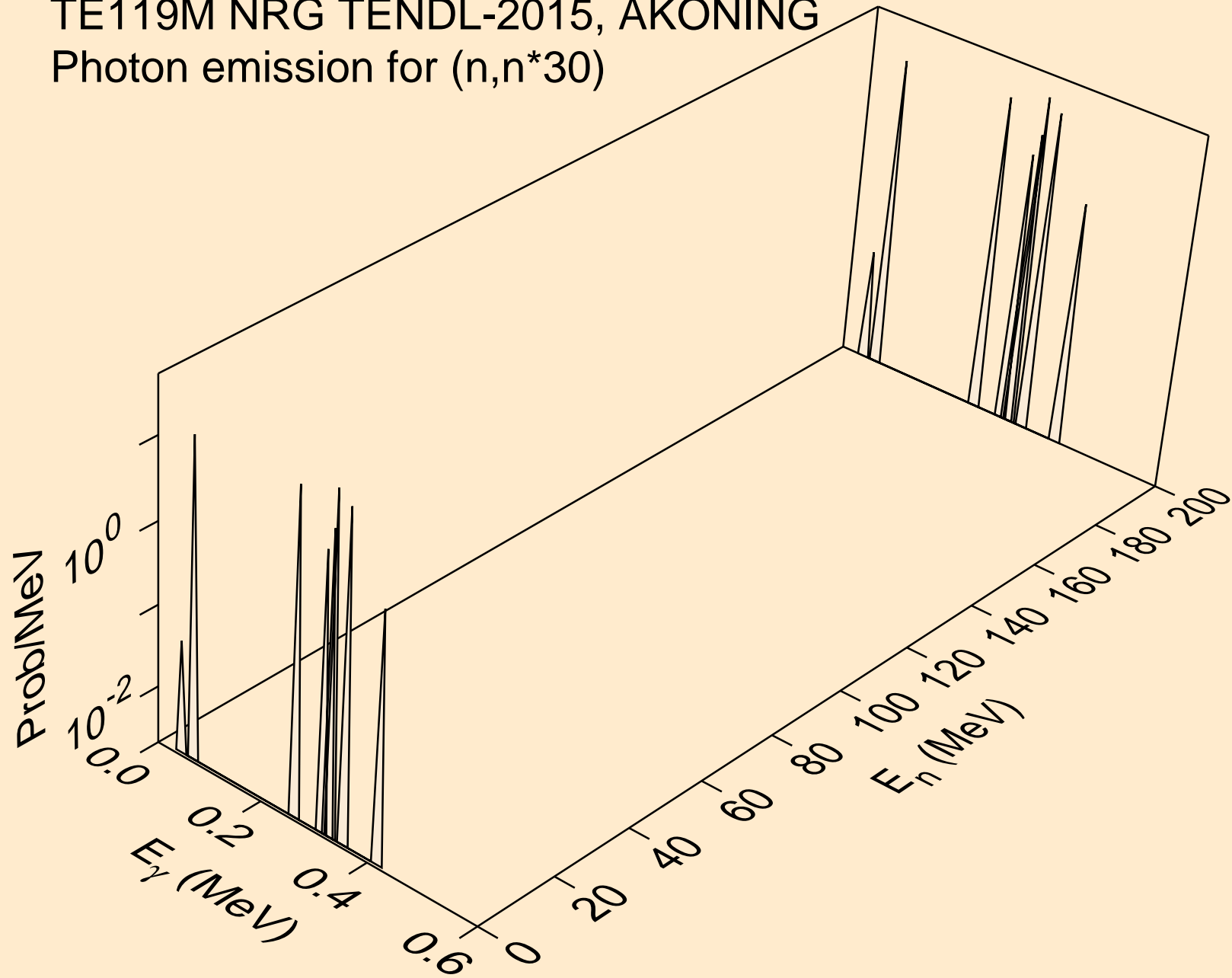




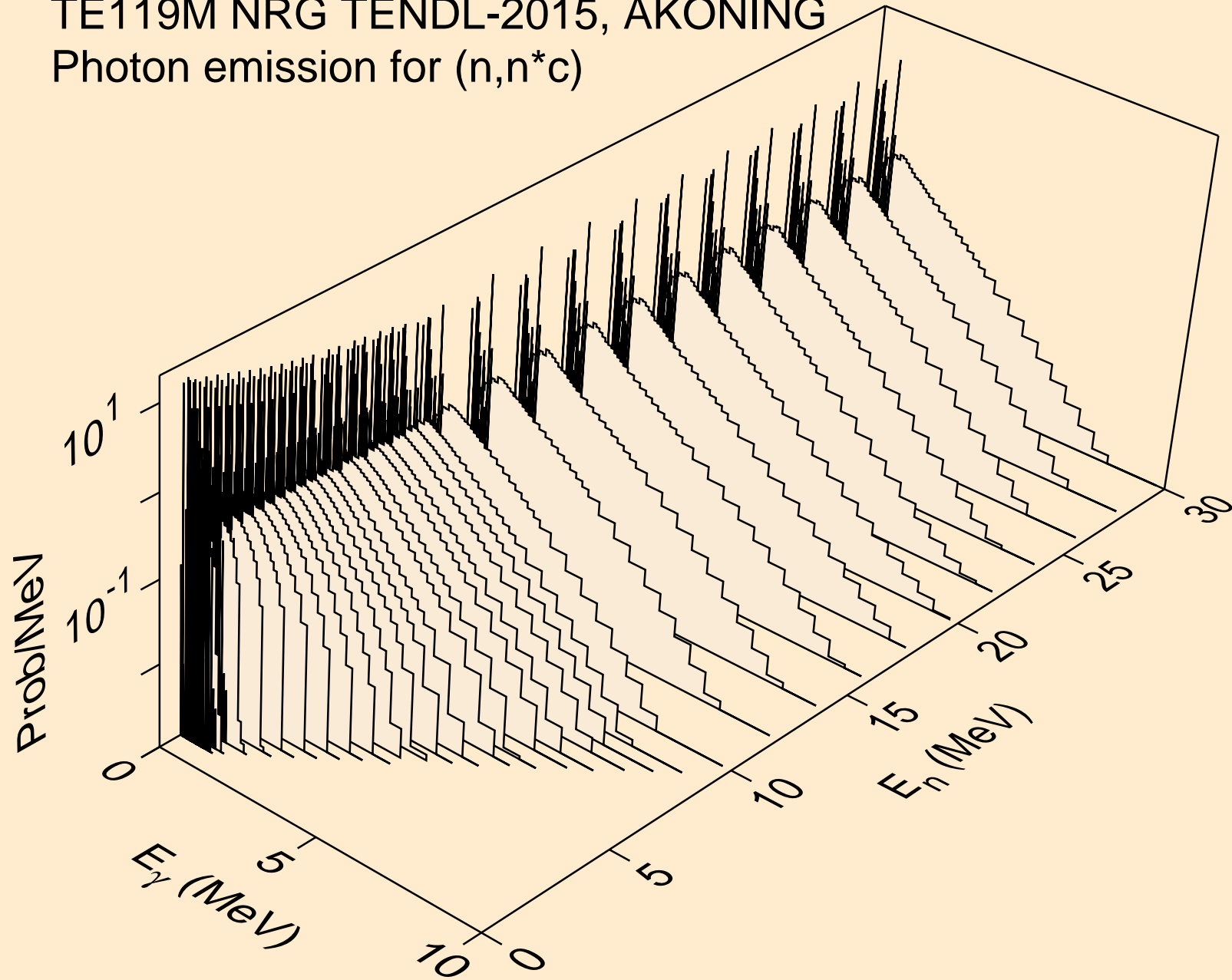
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Photon emission for (n,n\*29)



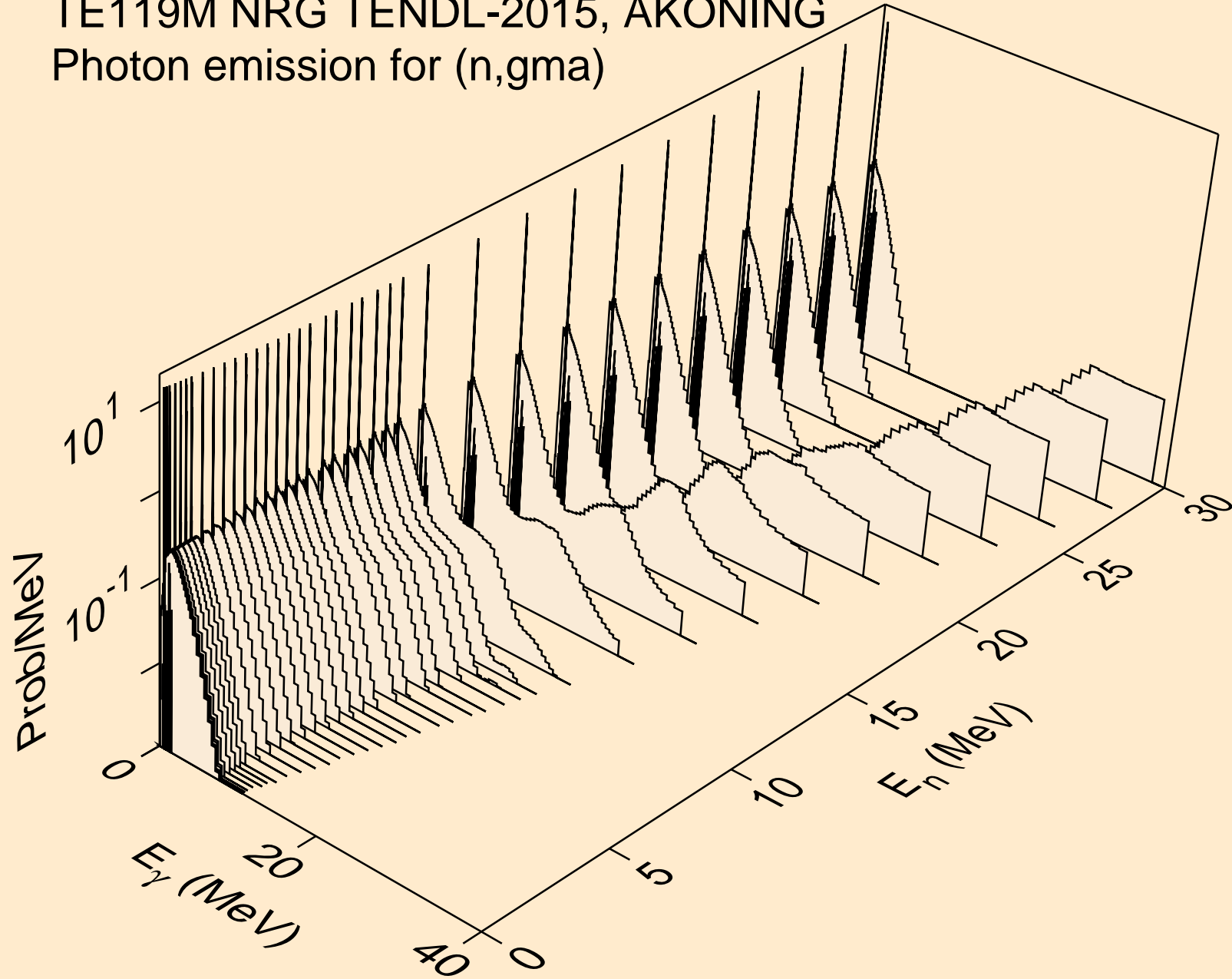
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Photon emission for (n,n\*30)



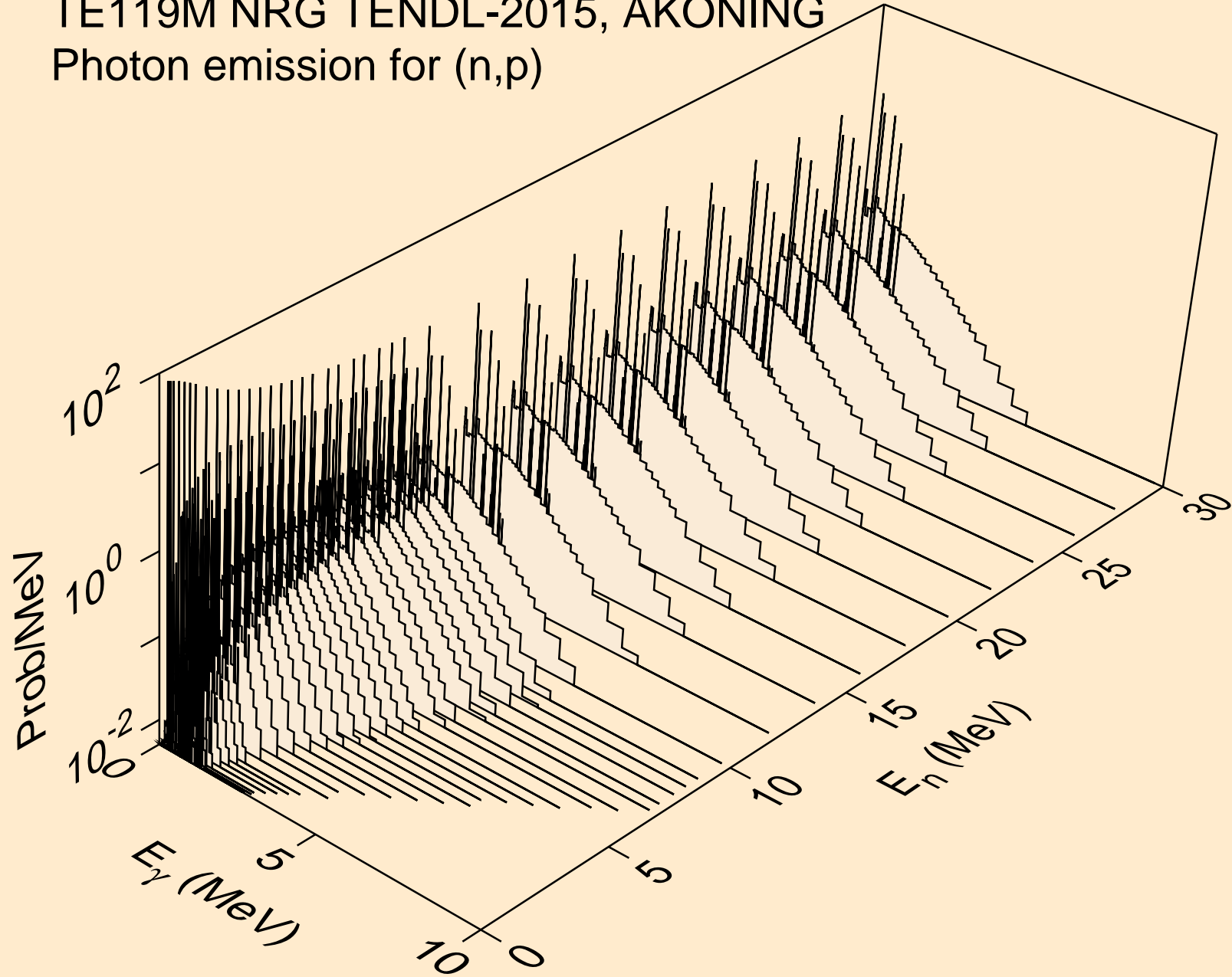
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



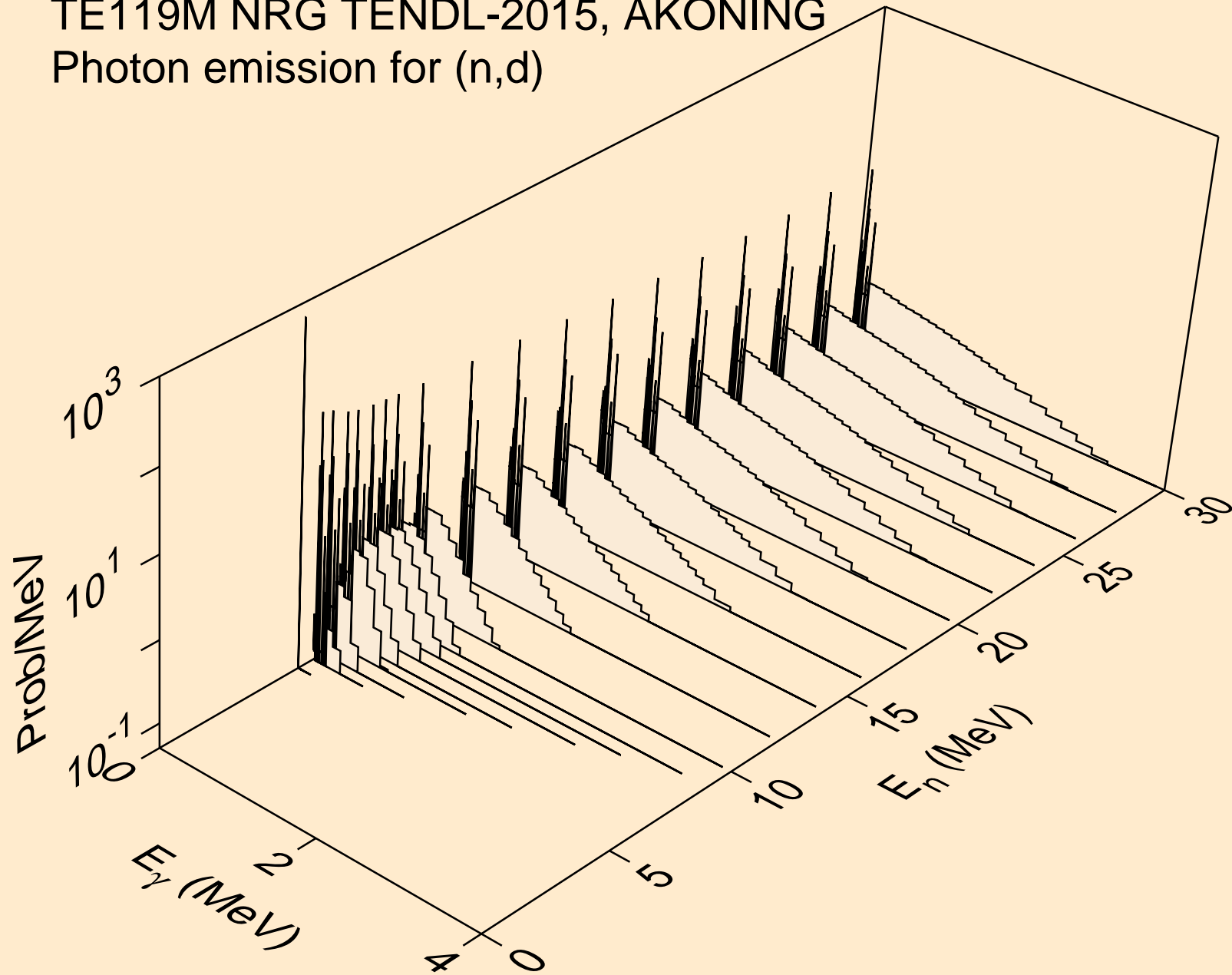
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Photon emission for (n,gma)



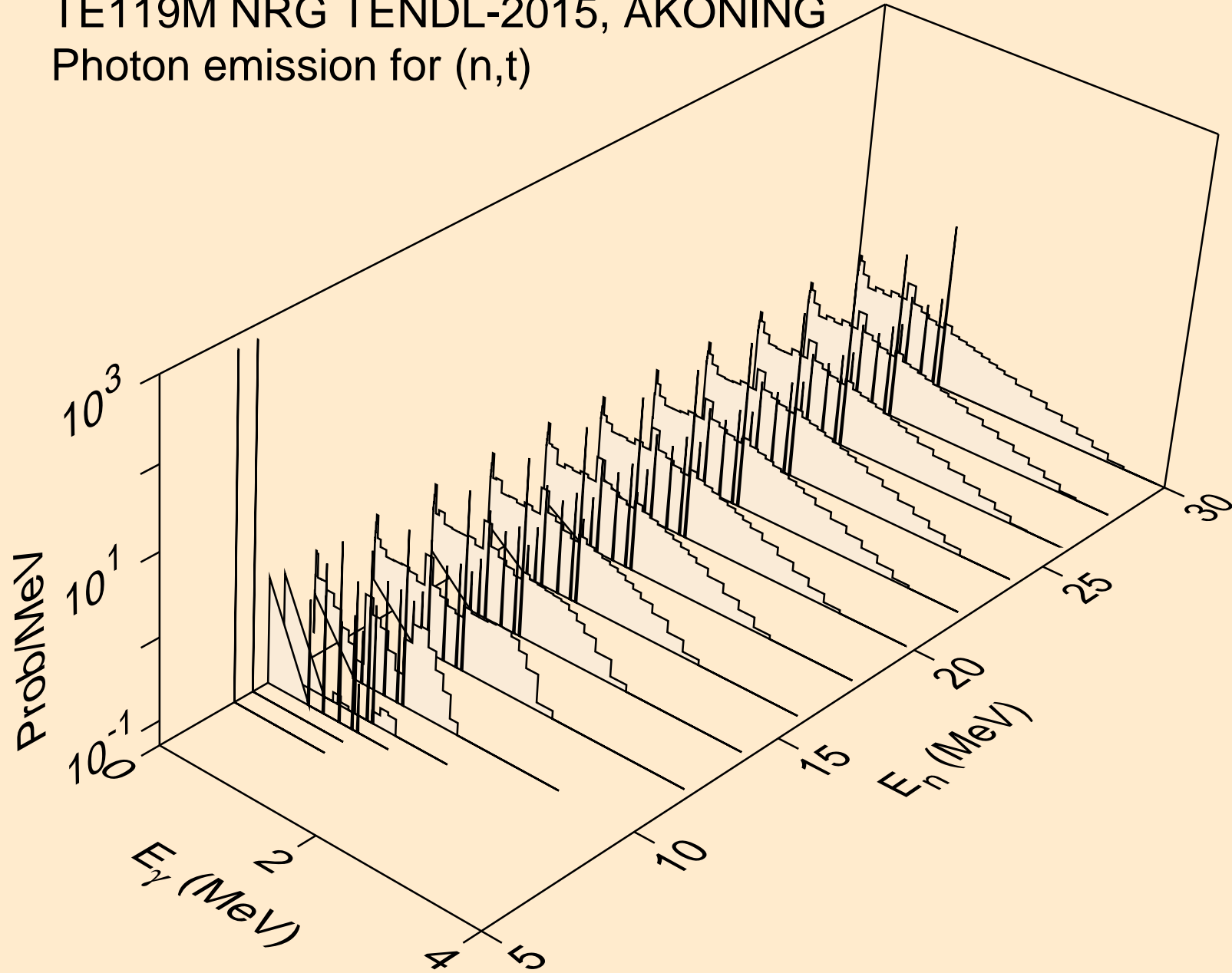
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



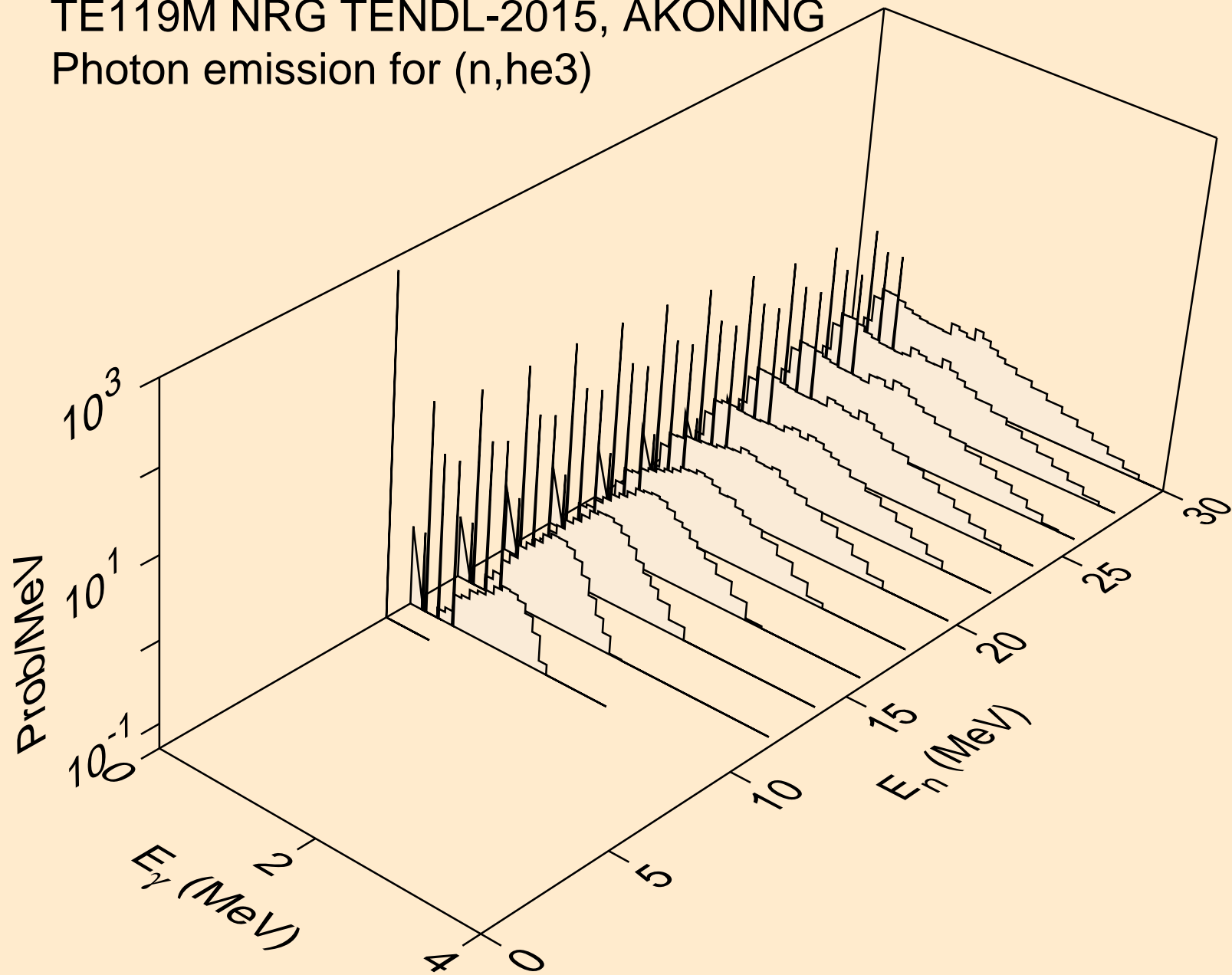
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Photon emission for (n,d)



TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

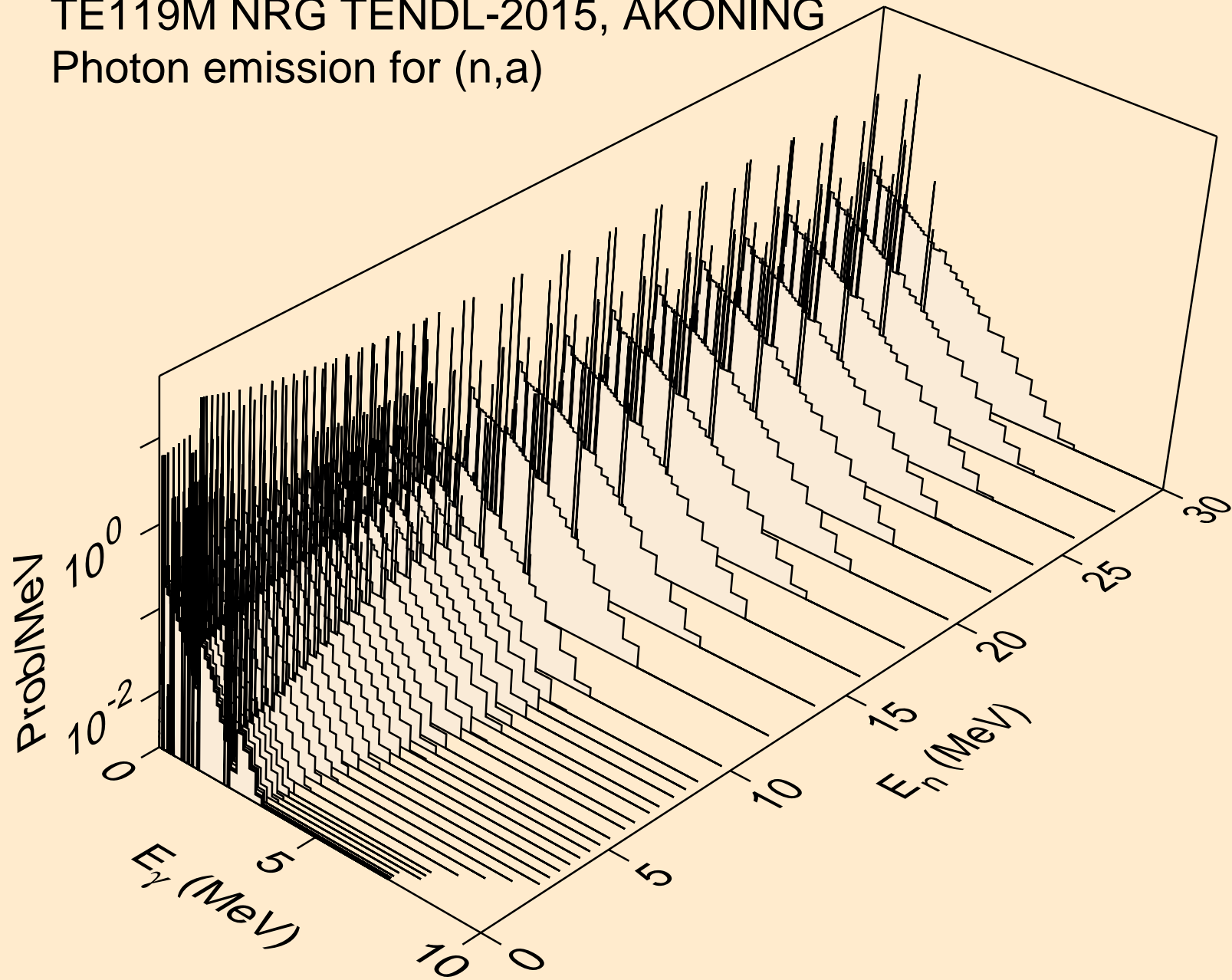


TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

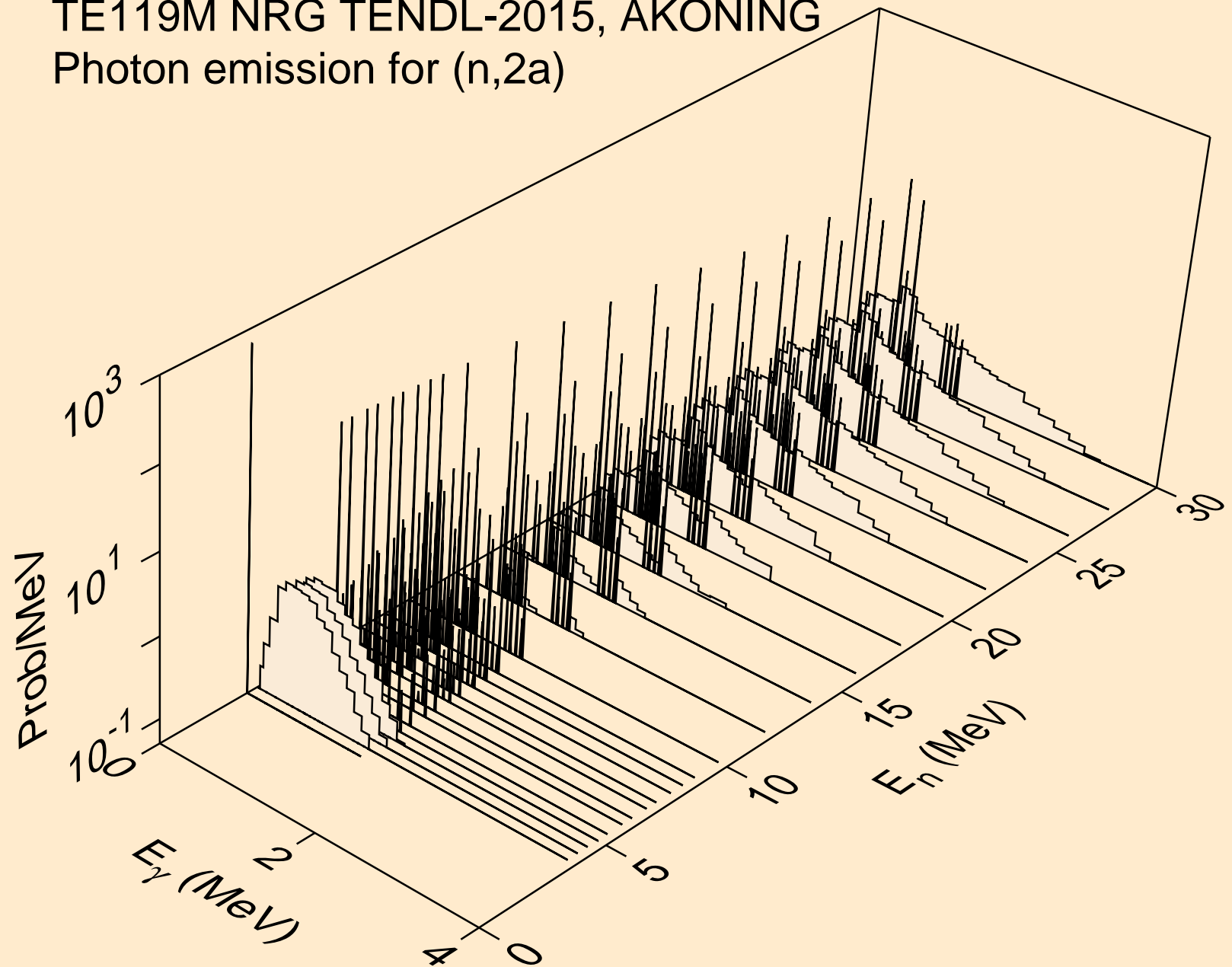




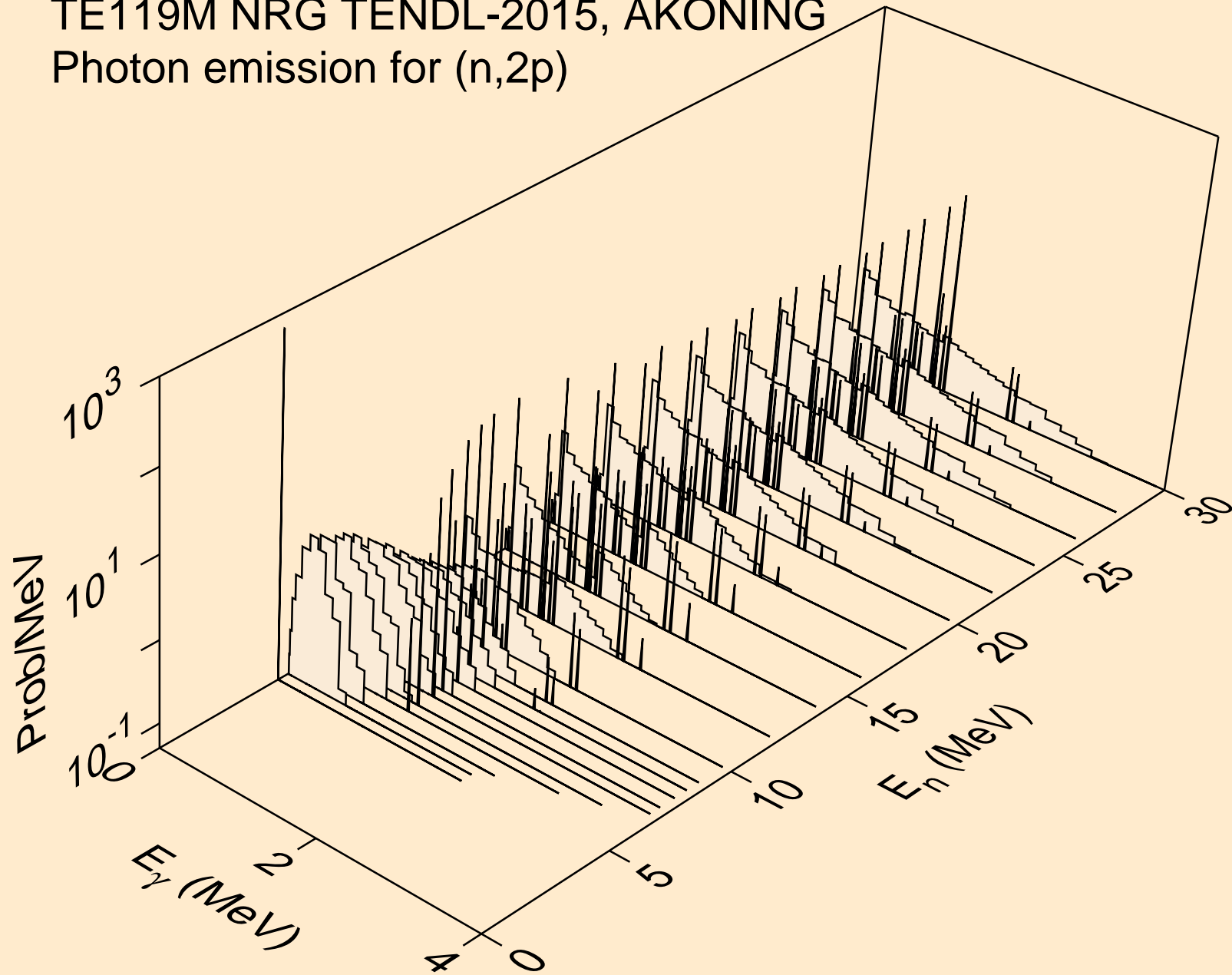
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Photon emission for (n,a)



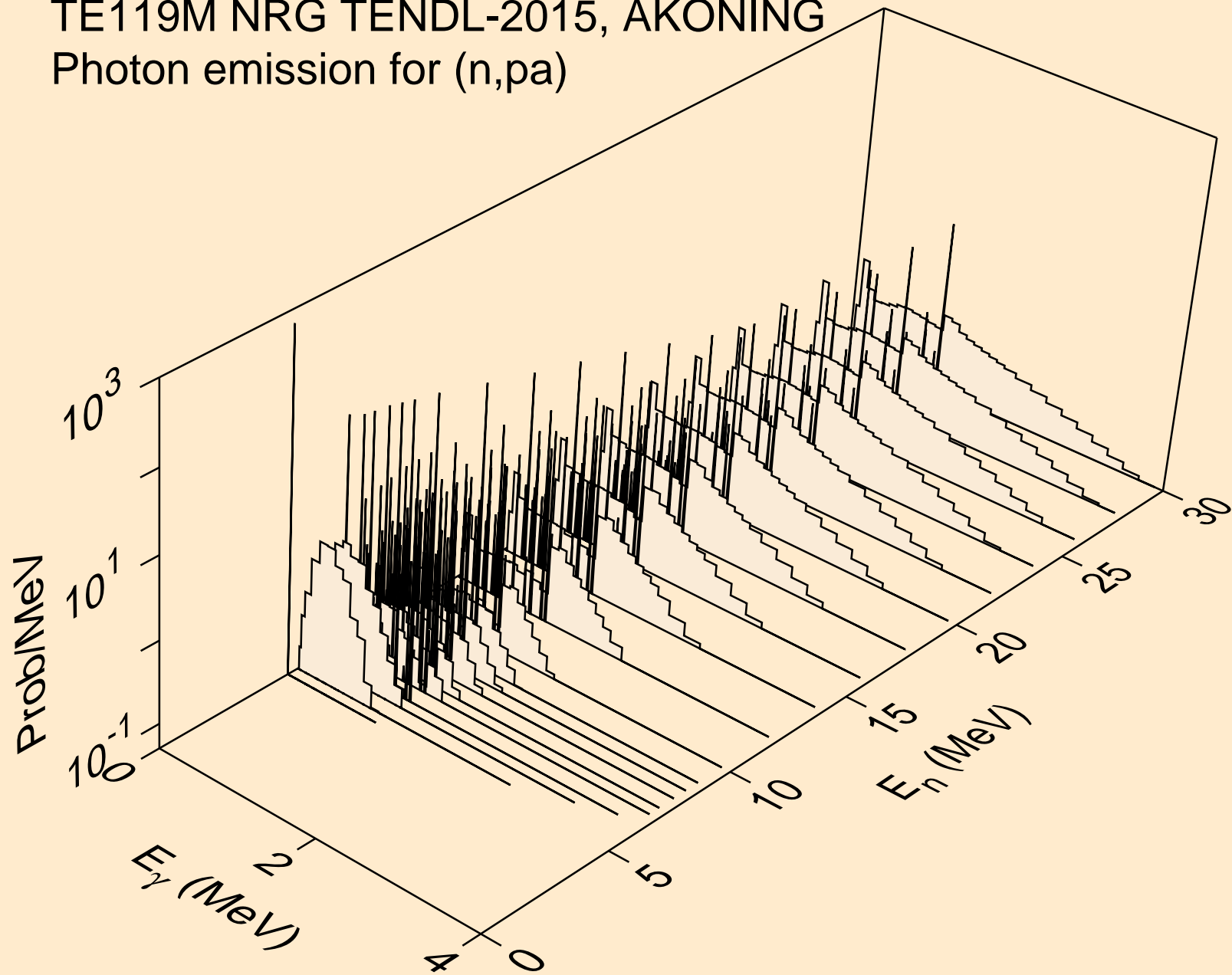
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



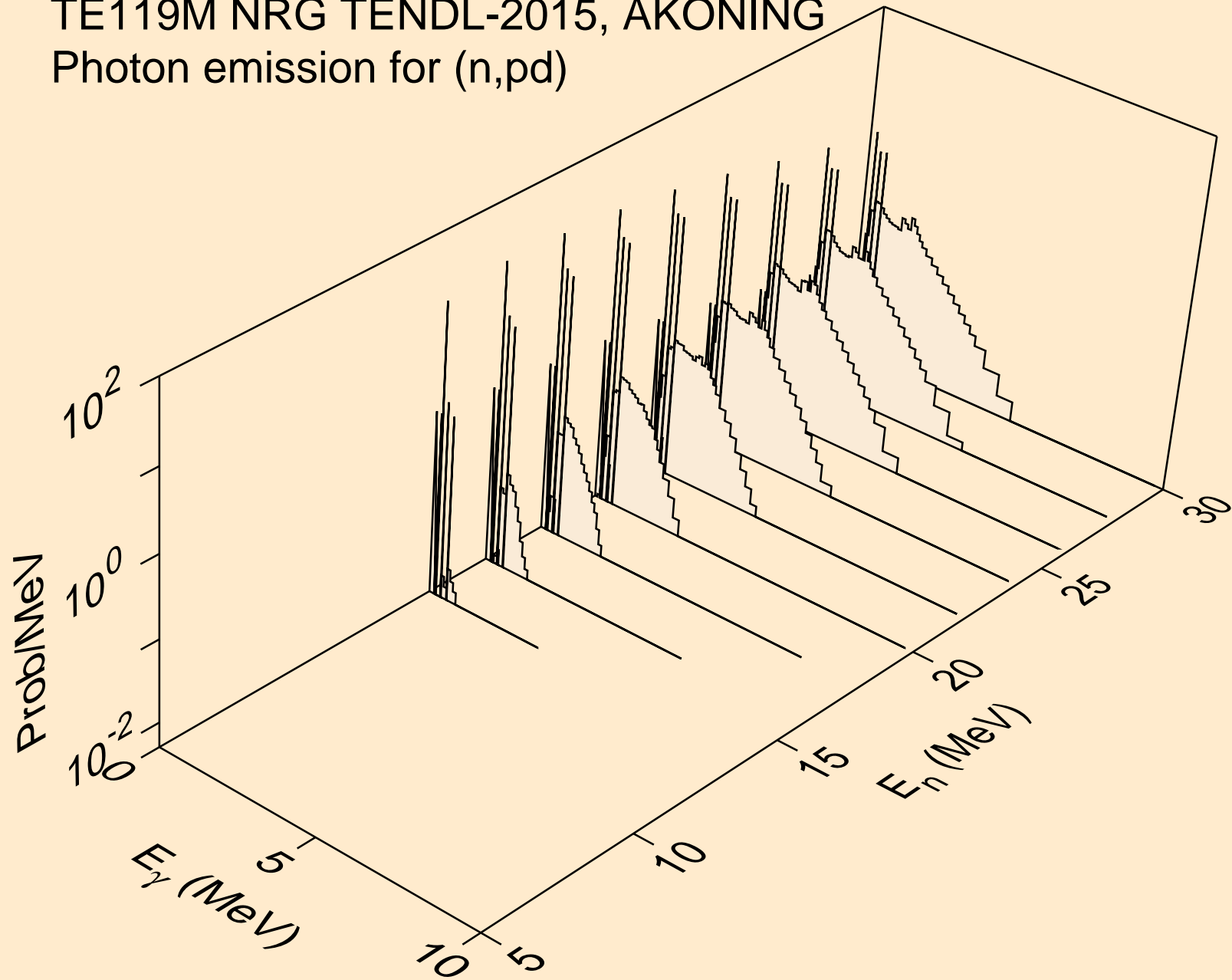
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Photon emission for (n,2p)



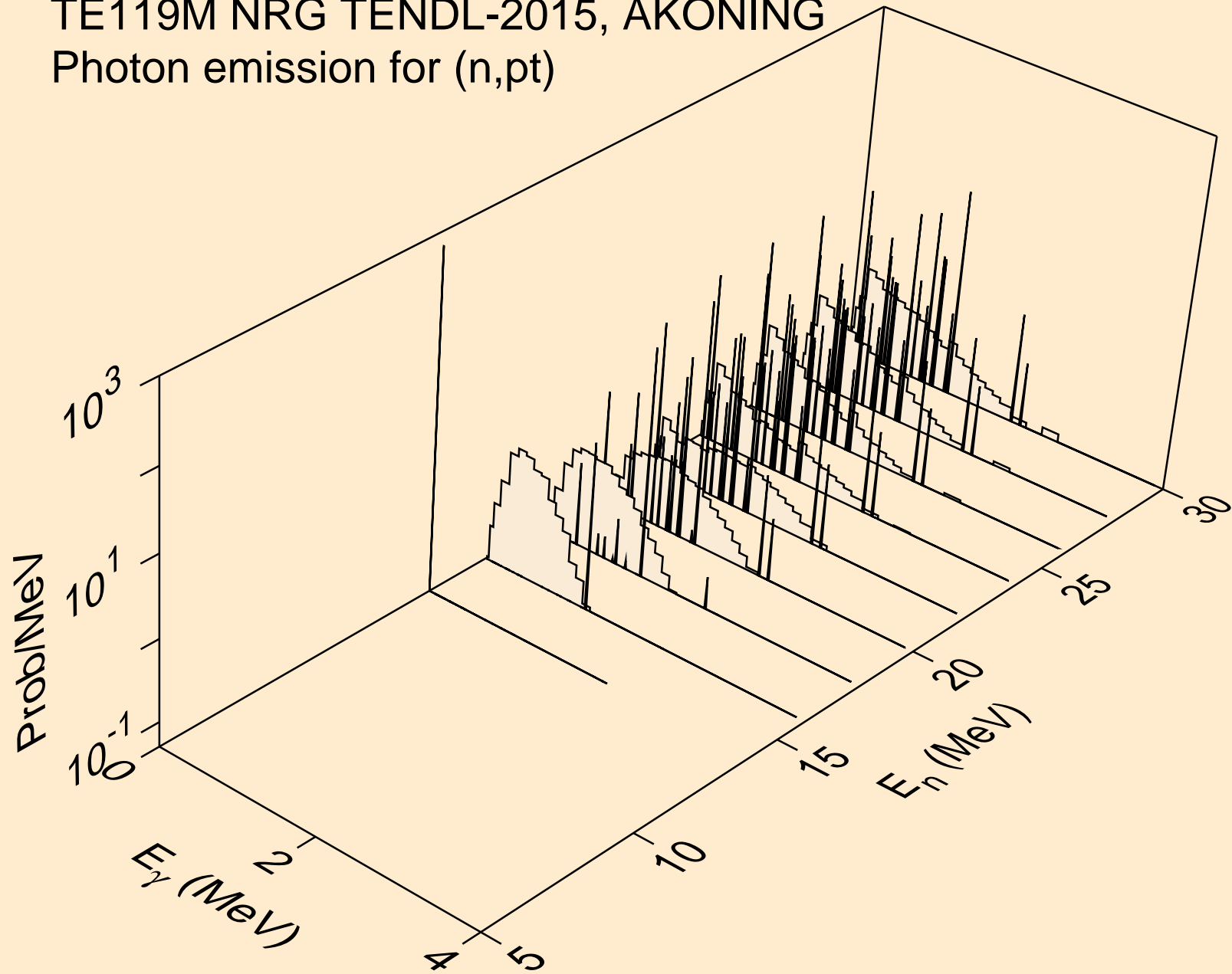
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Photon emission for (n,p $\alpha$ )



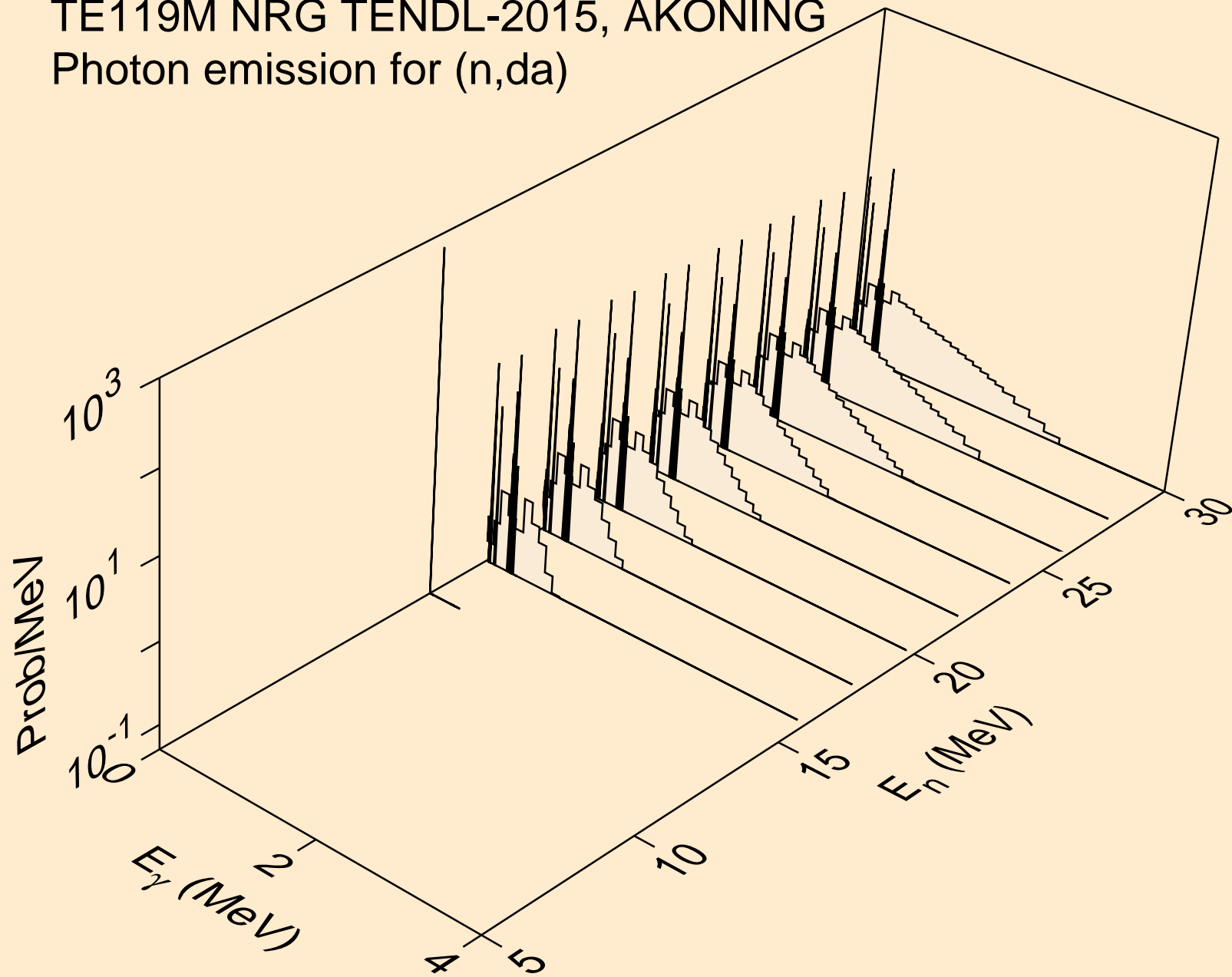
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



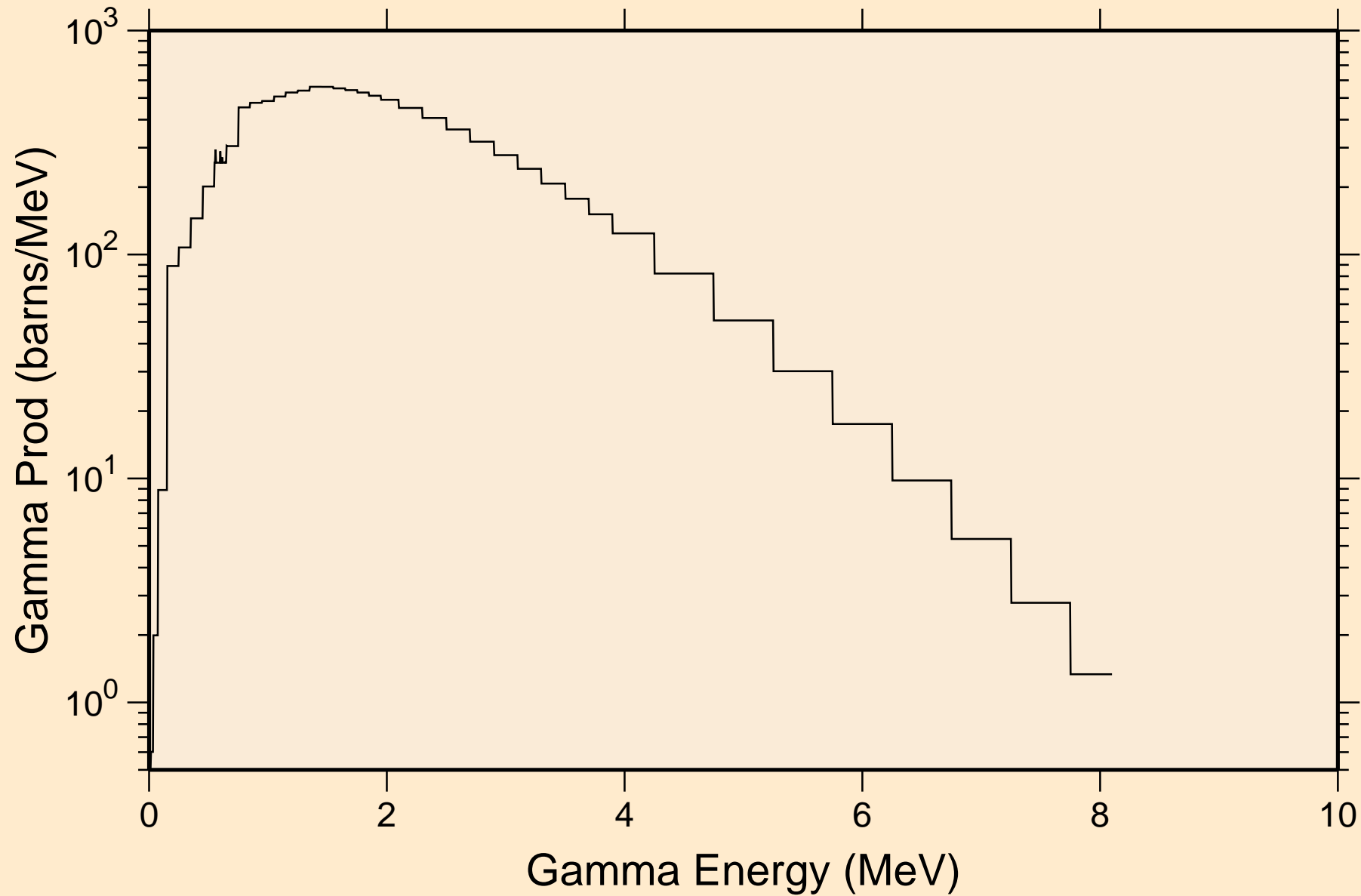
TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



TE119M NRG TENDL-2015, AKONING  
Photon emission for (n,da)

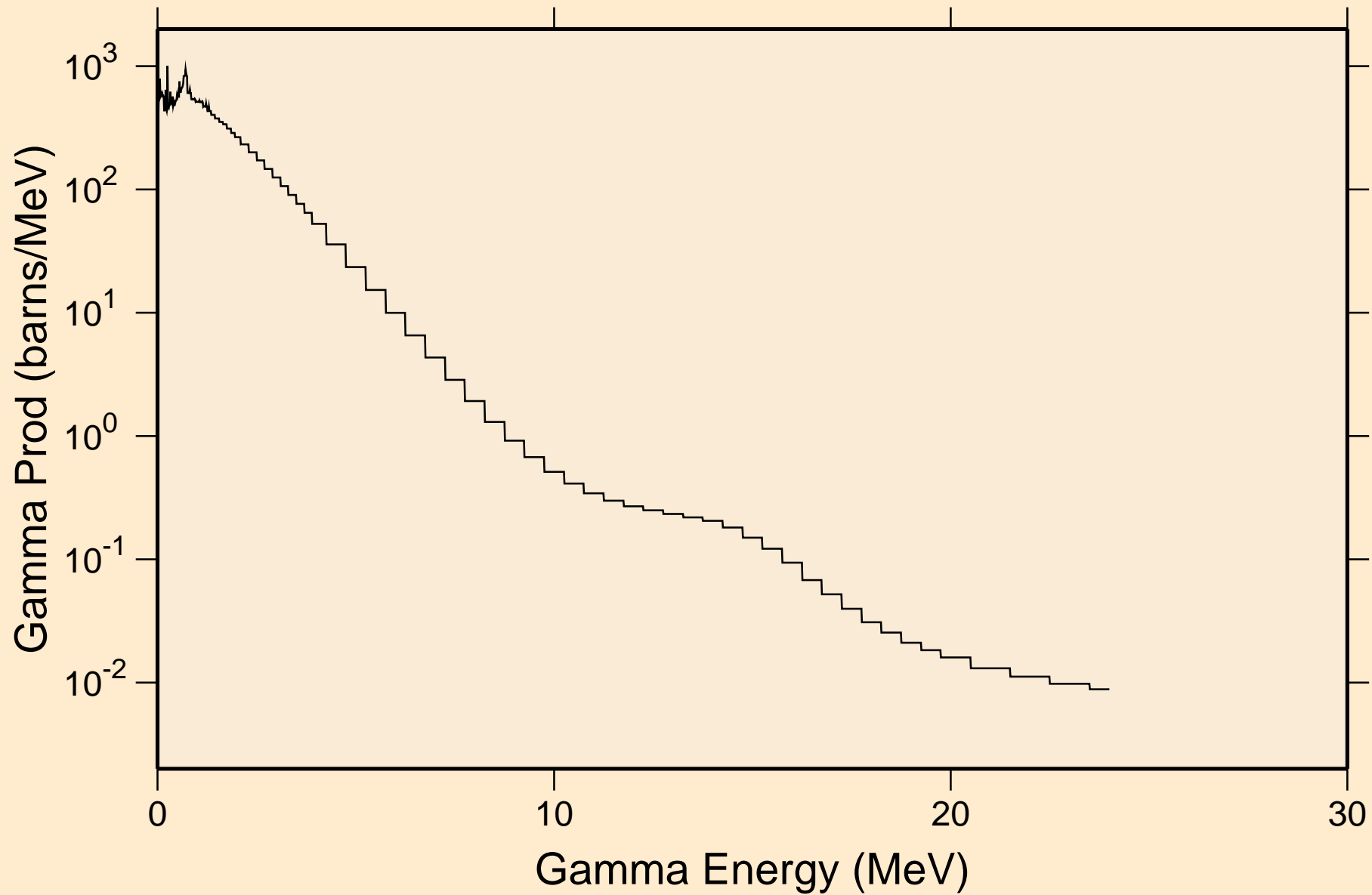


TE119M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



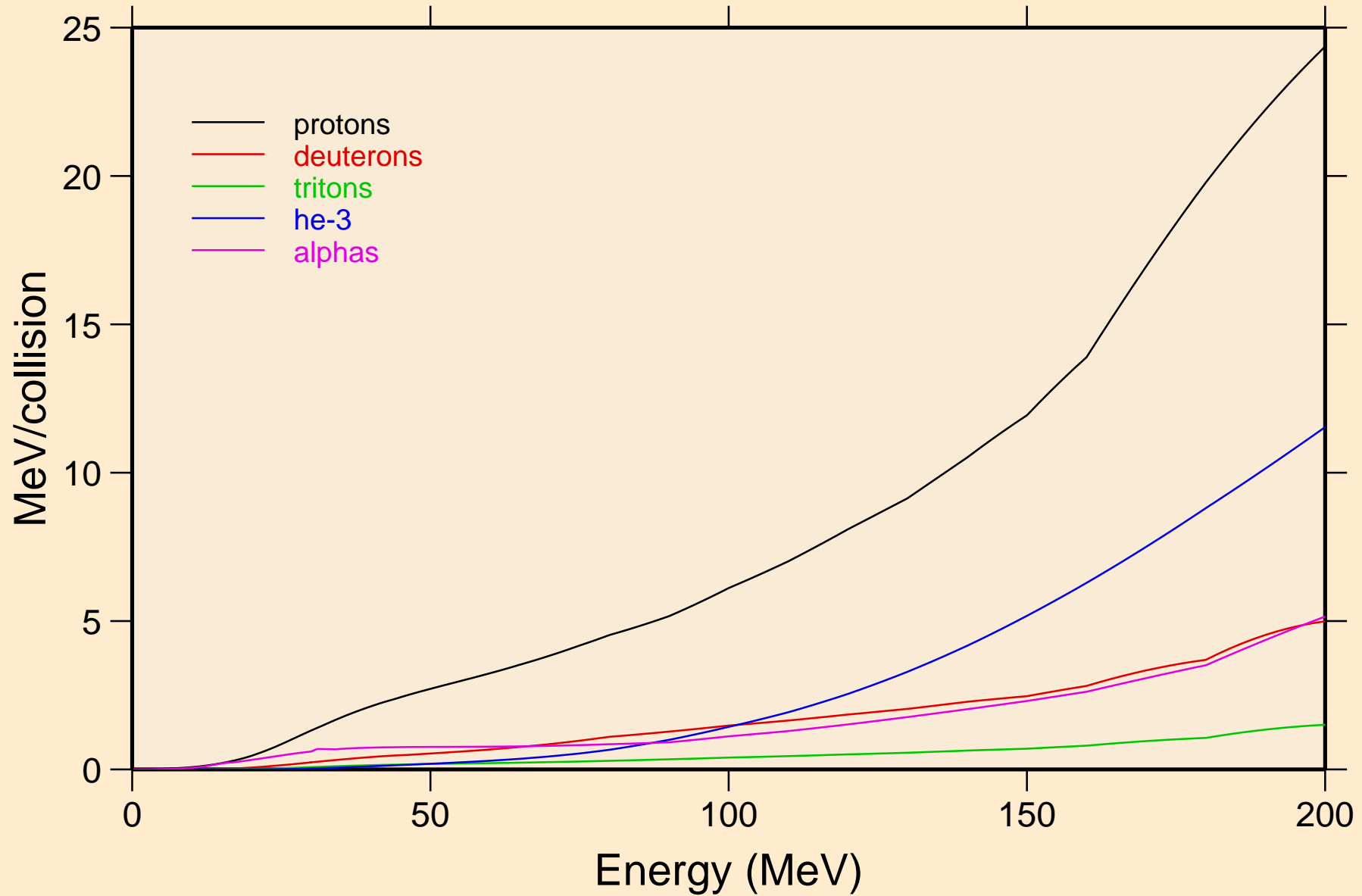


TE119M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



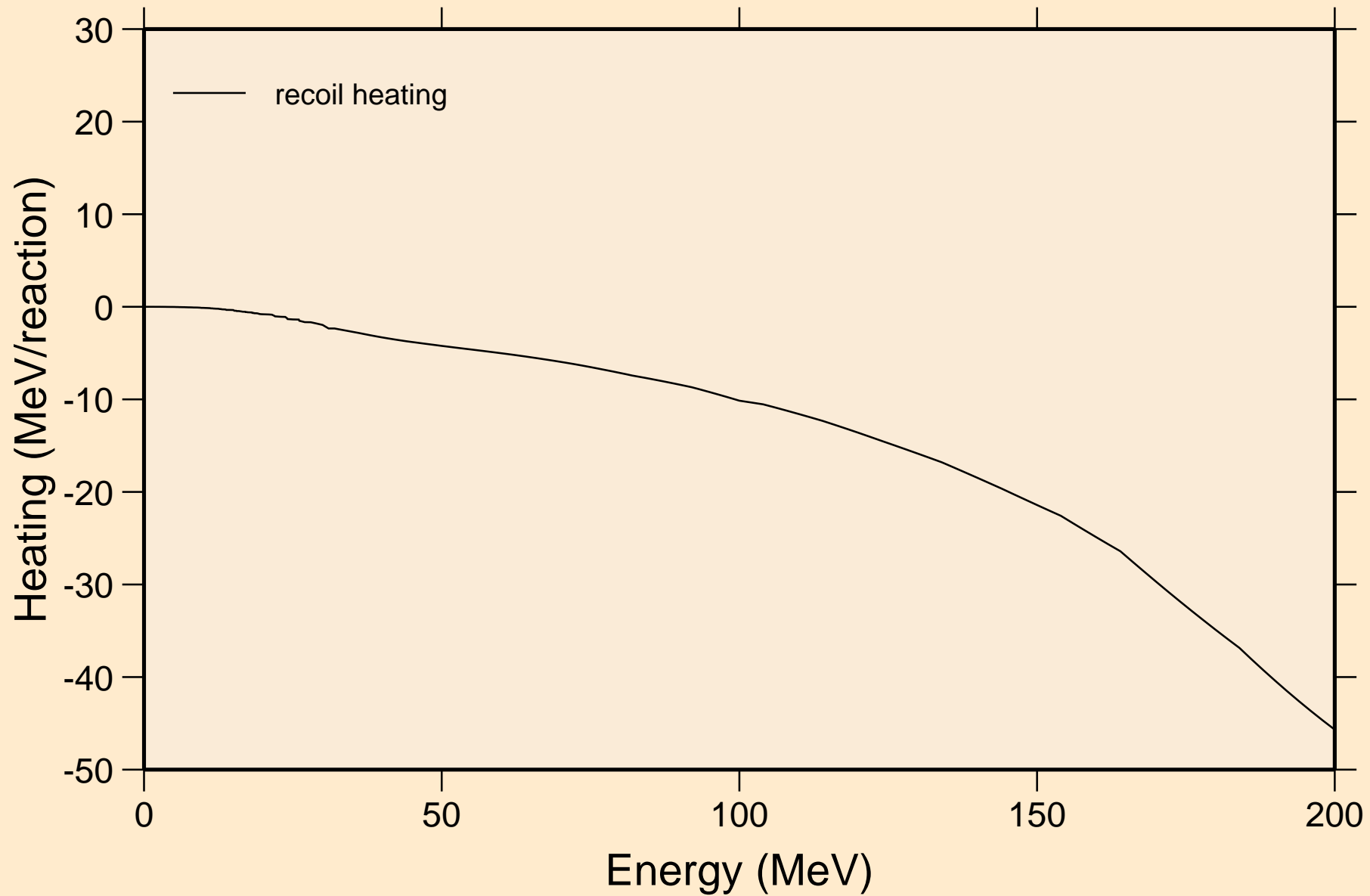
# TE119M NRG TENDL-2015, AKONING

## Particle heating contributions



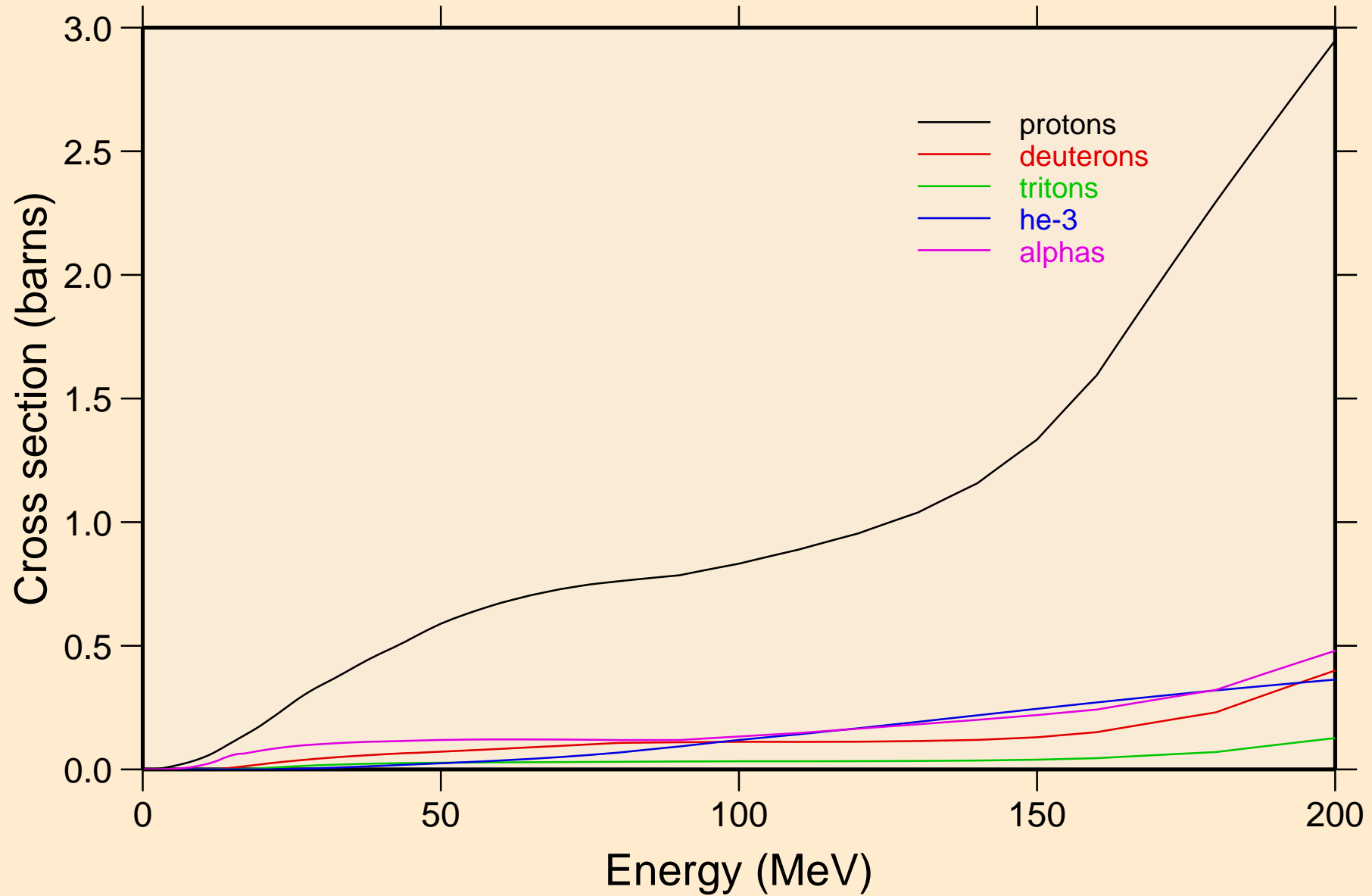
# TE119M NRG TENDL-2015, AKONING

## Recoil Heating

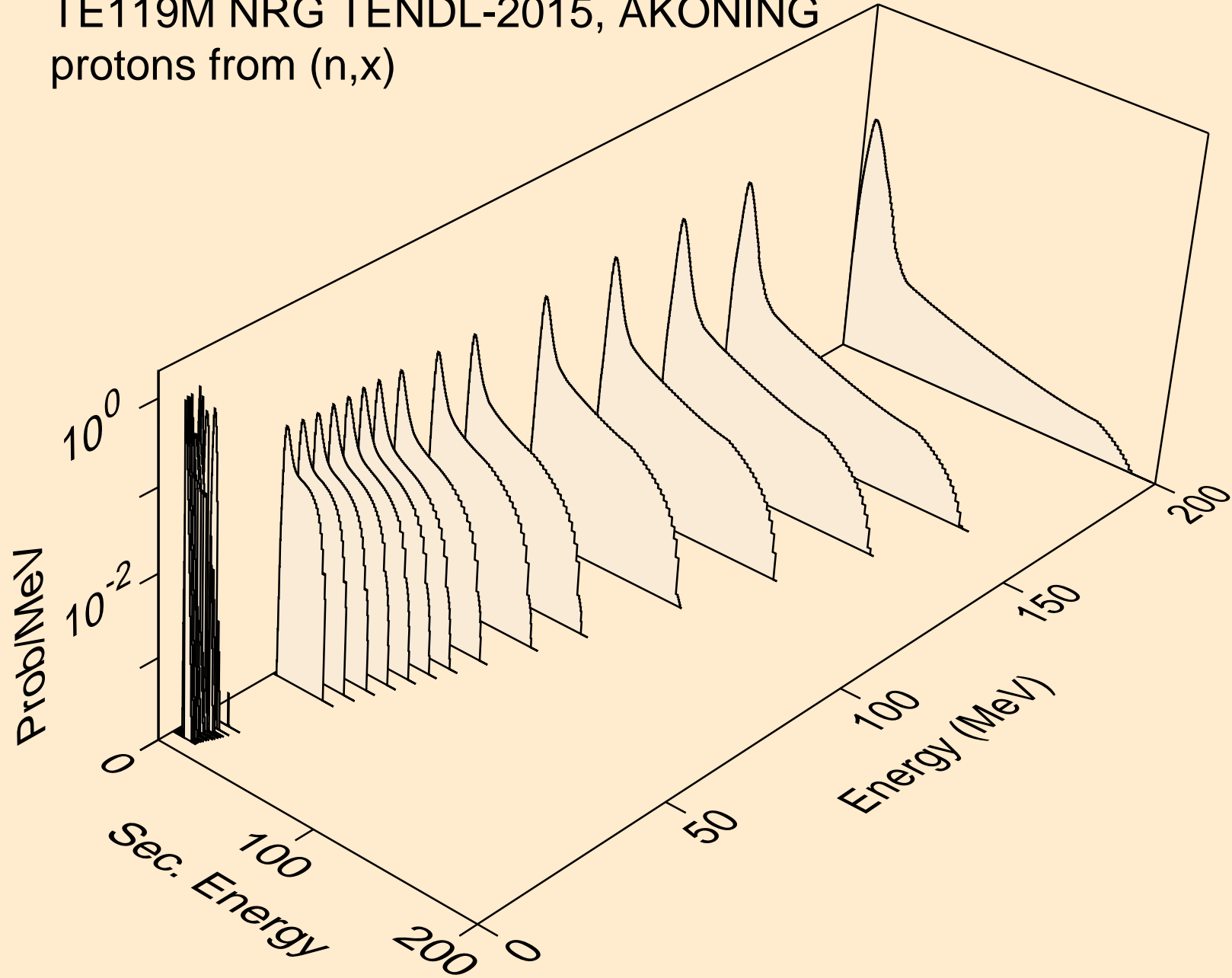


# TE119M NRG TENDL-2015, AKONING

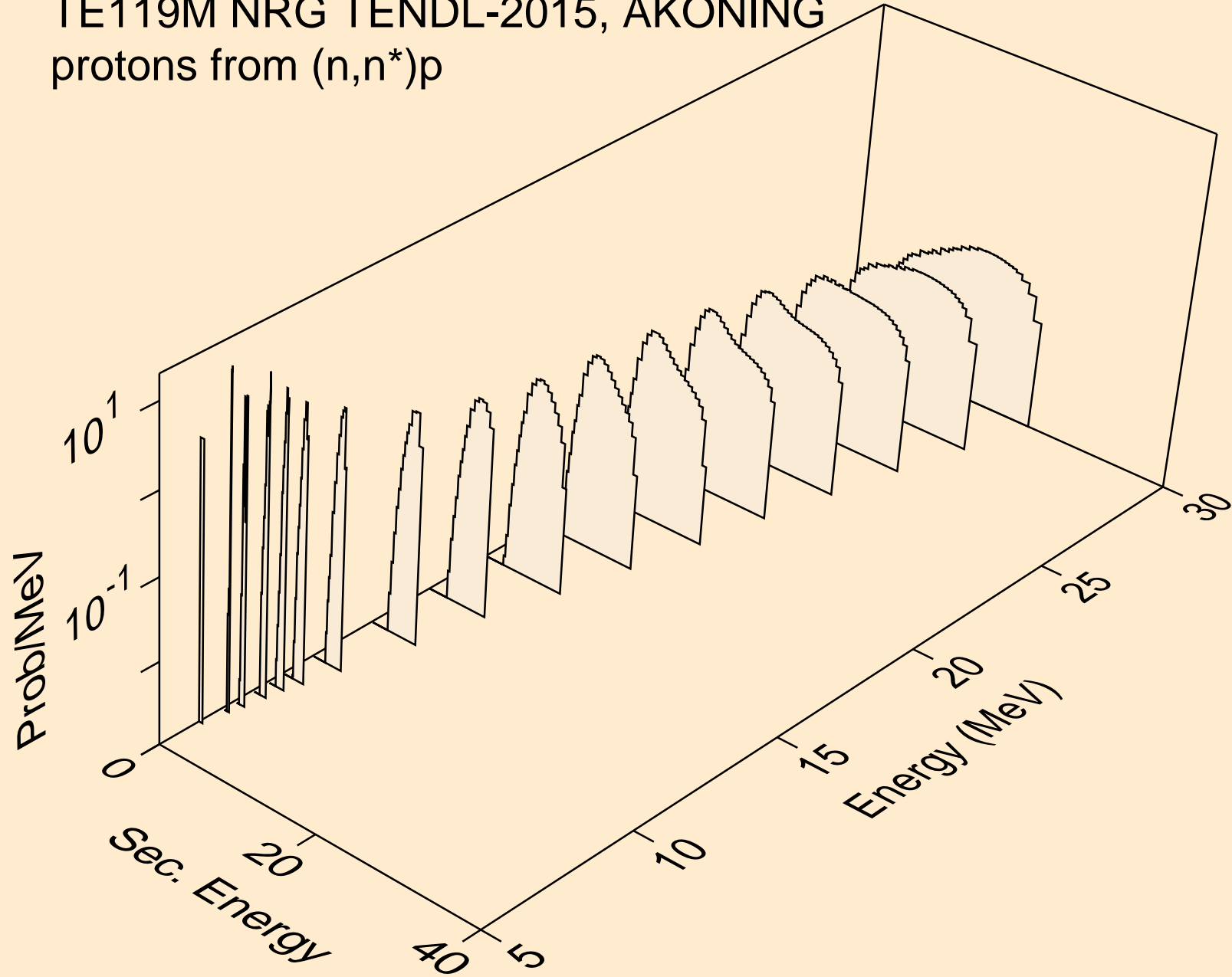
## Particle production cross sections



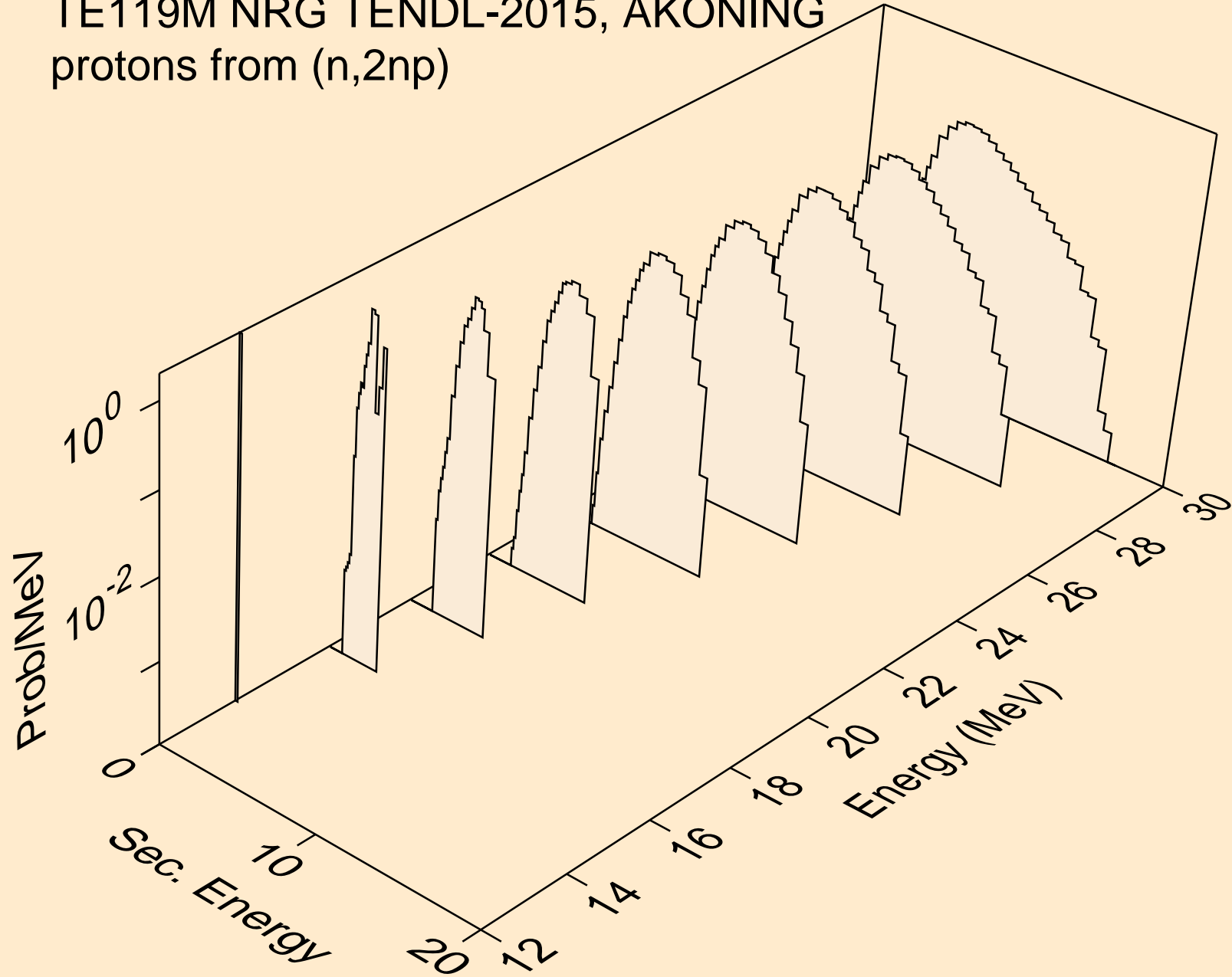
TE119M NRG TENDL-2015, AKONING  
protons from (n,x)



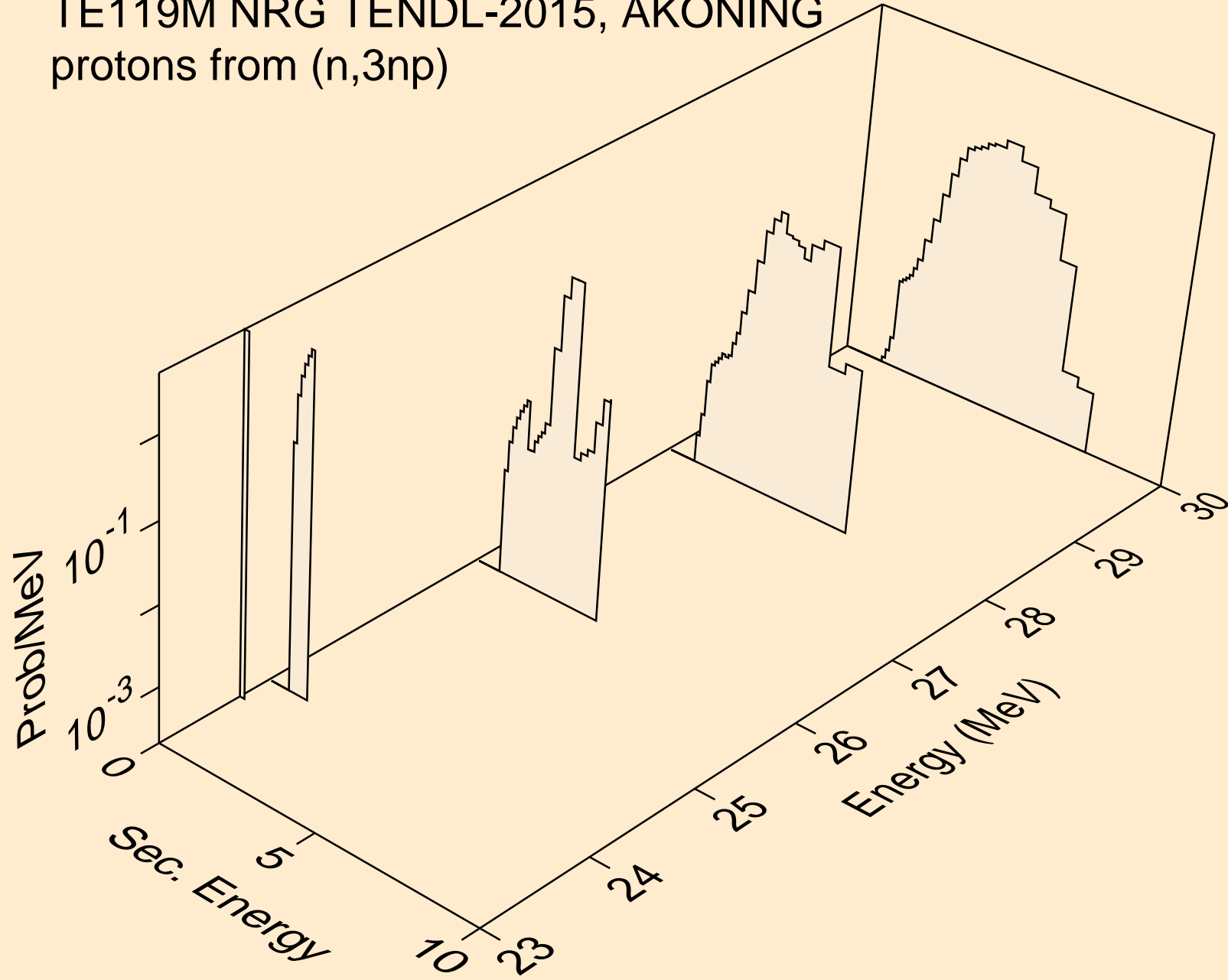
TE119M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



TE119M NRG TENDL-2015, AKONING  
protons from (n,2np)

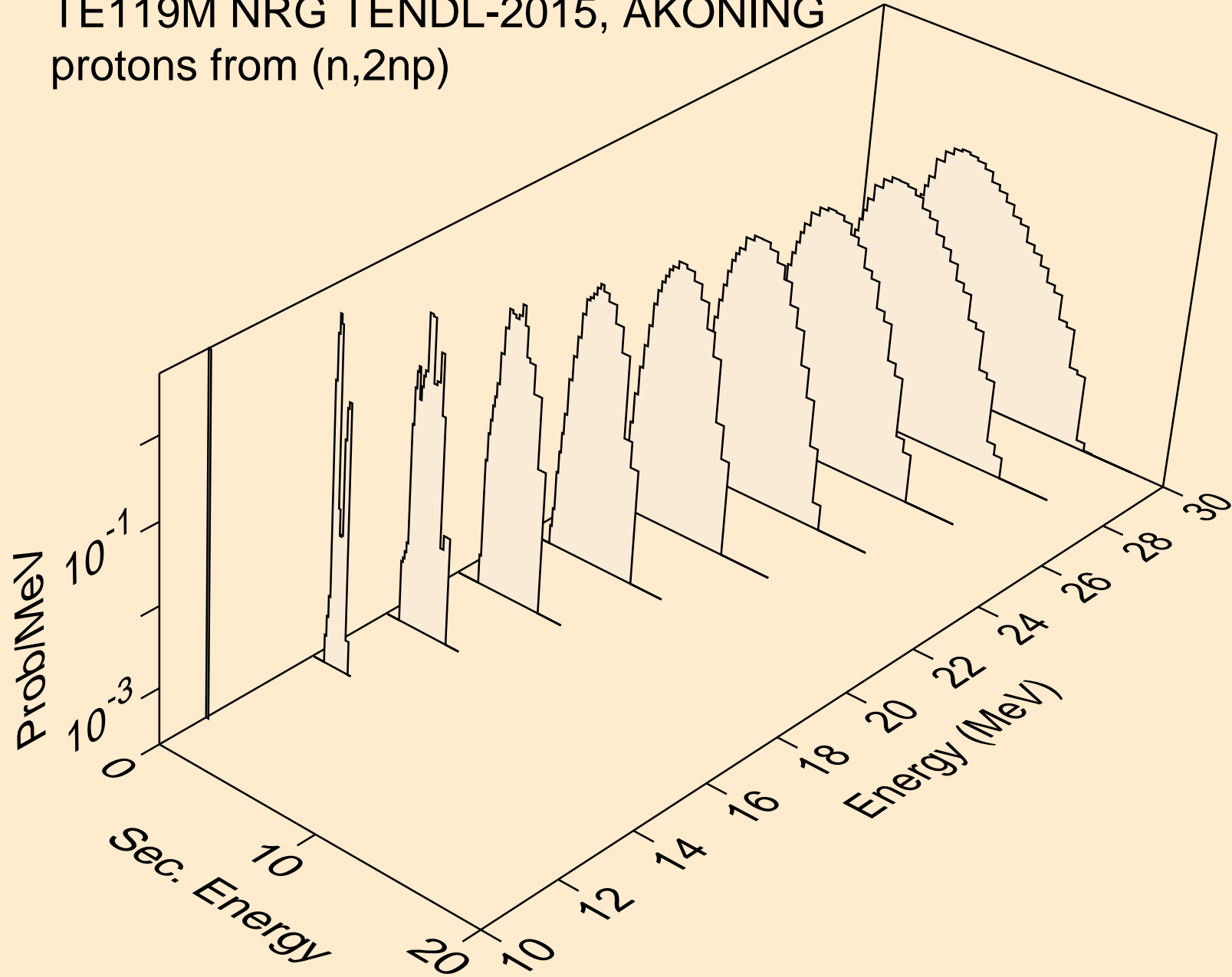


TE119M NRG TENDL-2015, AKONING  
protons from (n,3np)

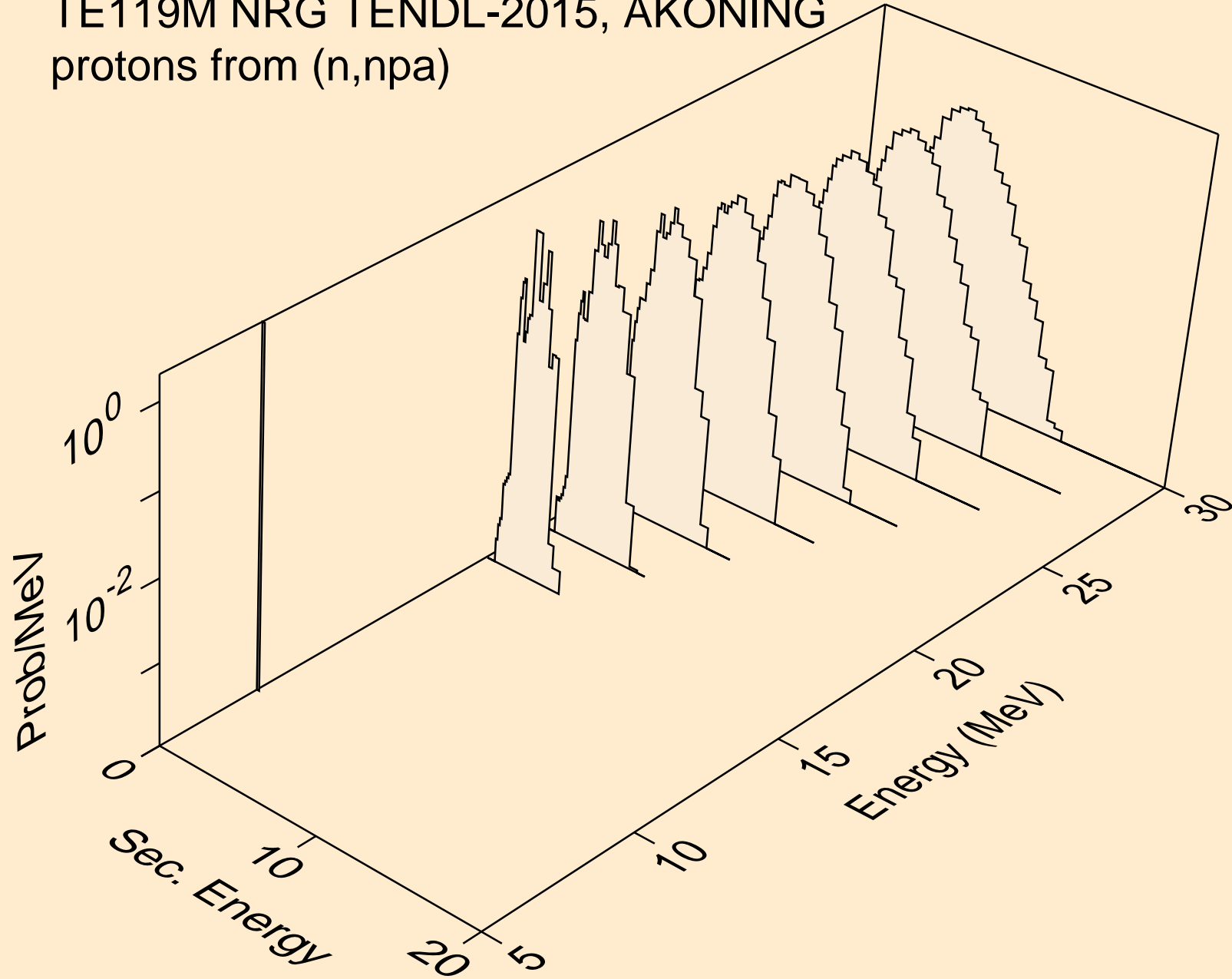




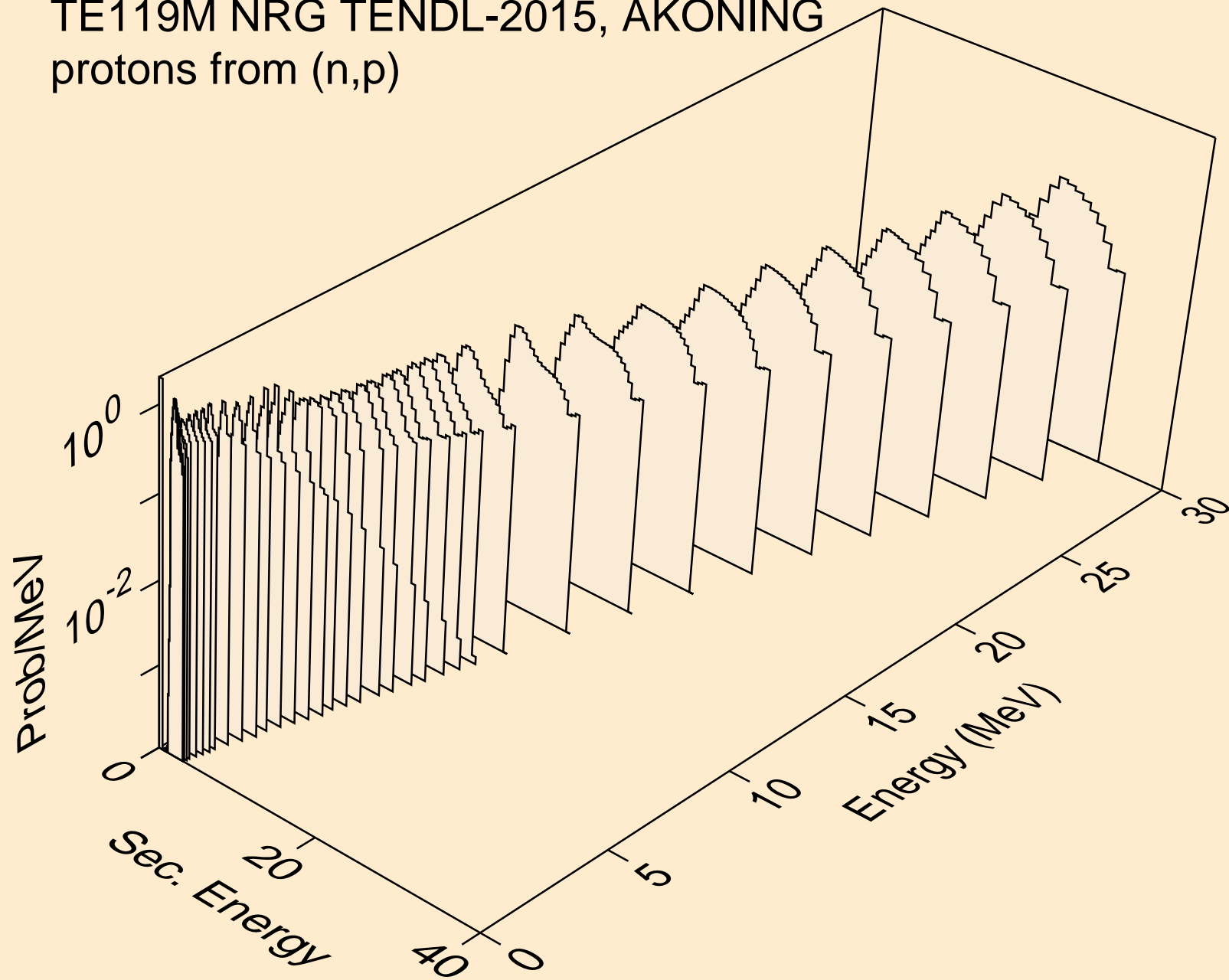
TE119M NRG TENDL-2015, AKONING  
protons from (n,2np)



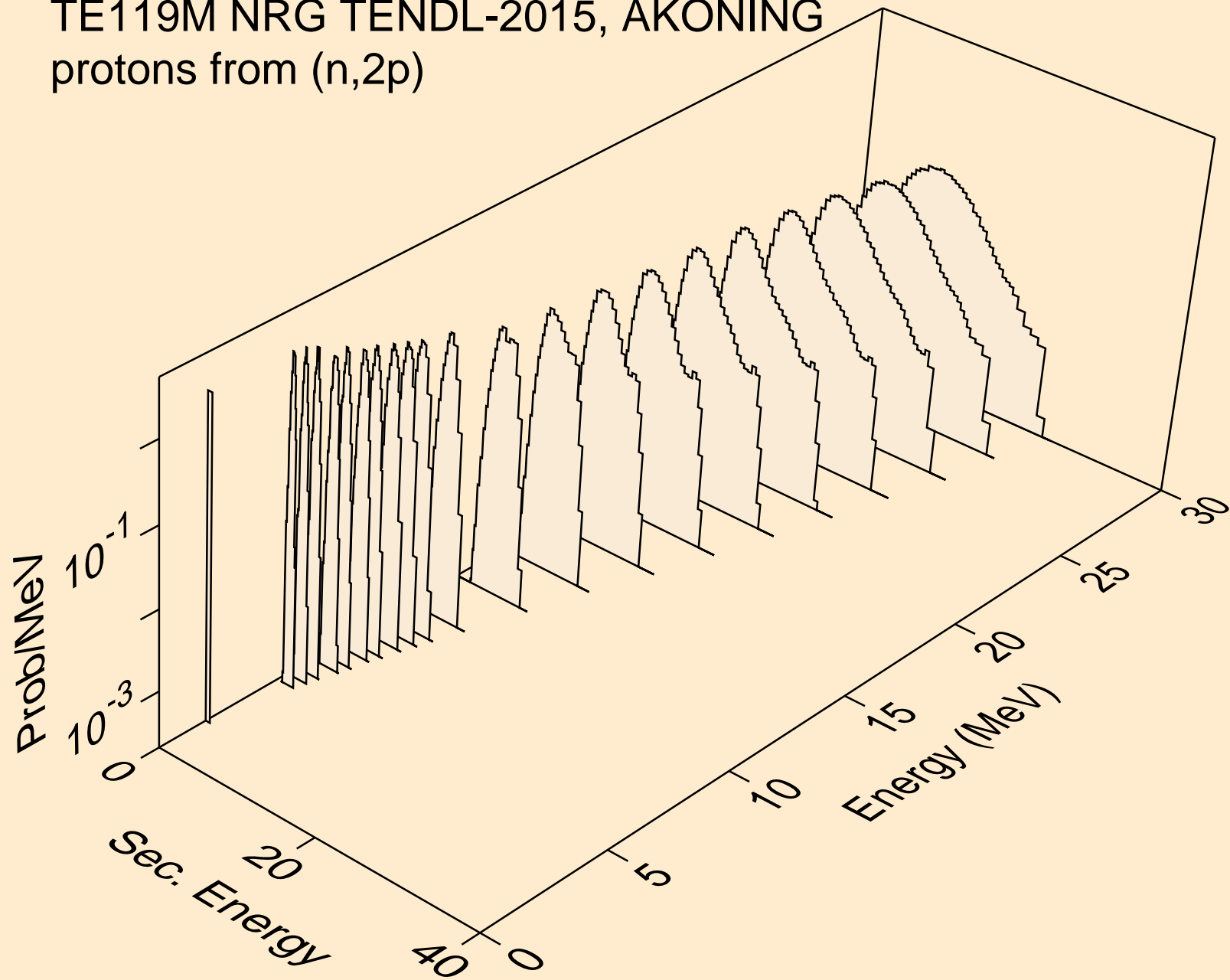
TE119M NRG TENDL-2015, AKONING  
protons from (n,npa)



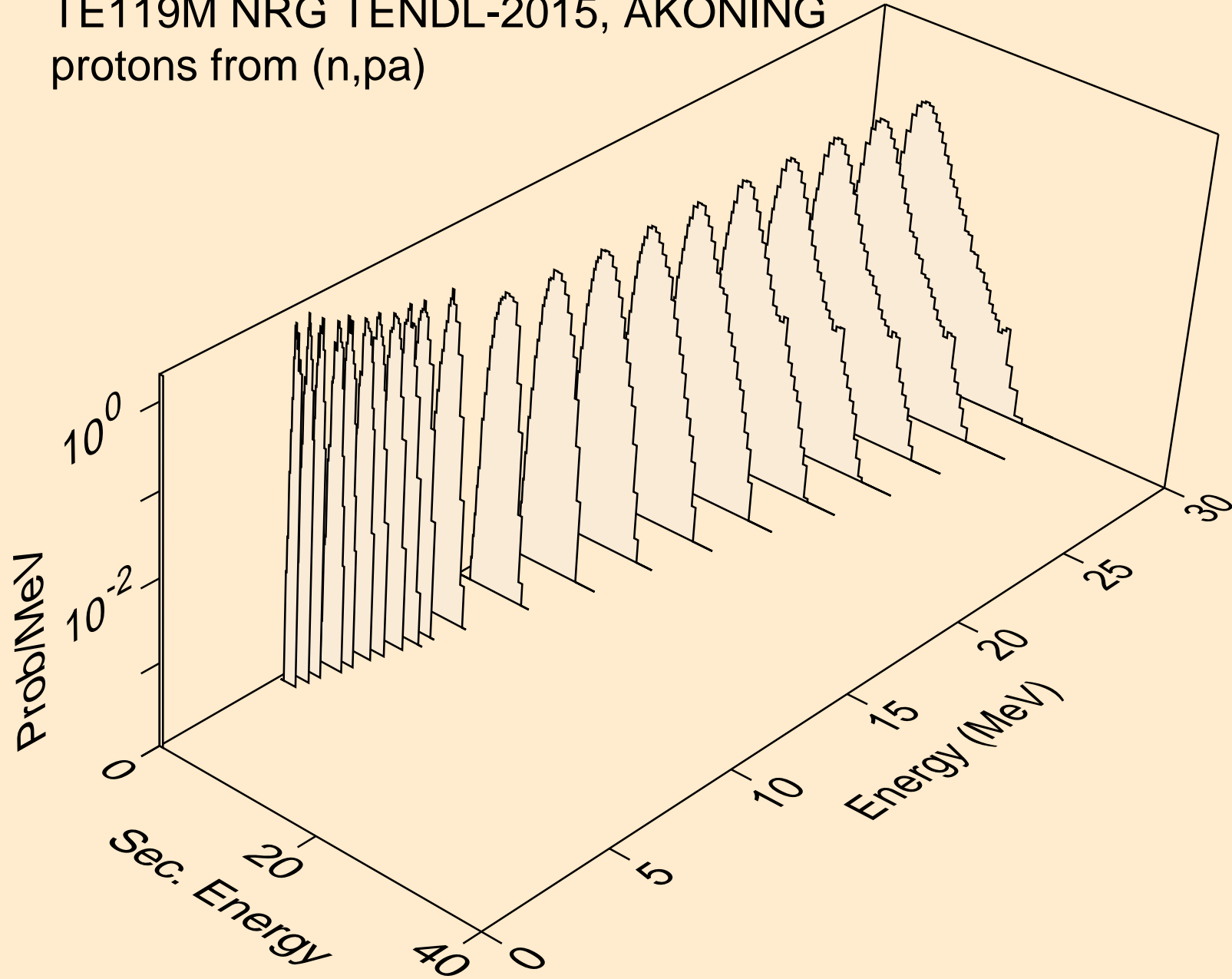
TE119M NRG TENDL-2015, AKONING  
protons from (n,p)



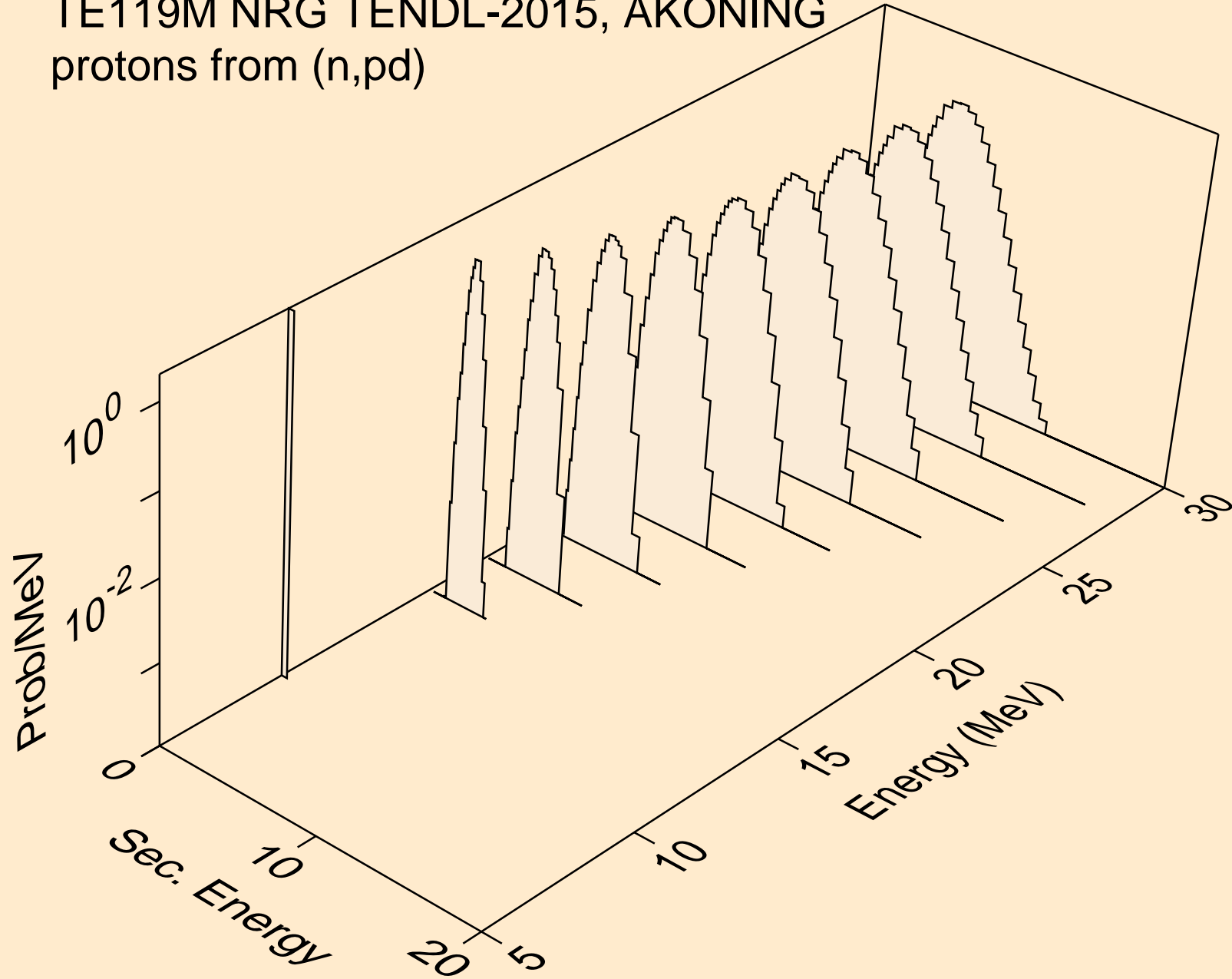
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protons from (n,2p)



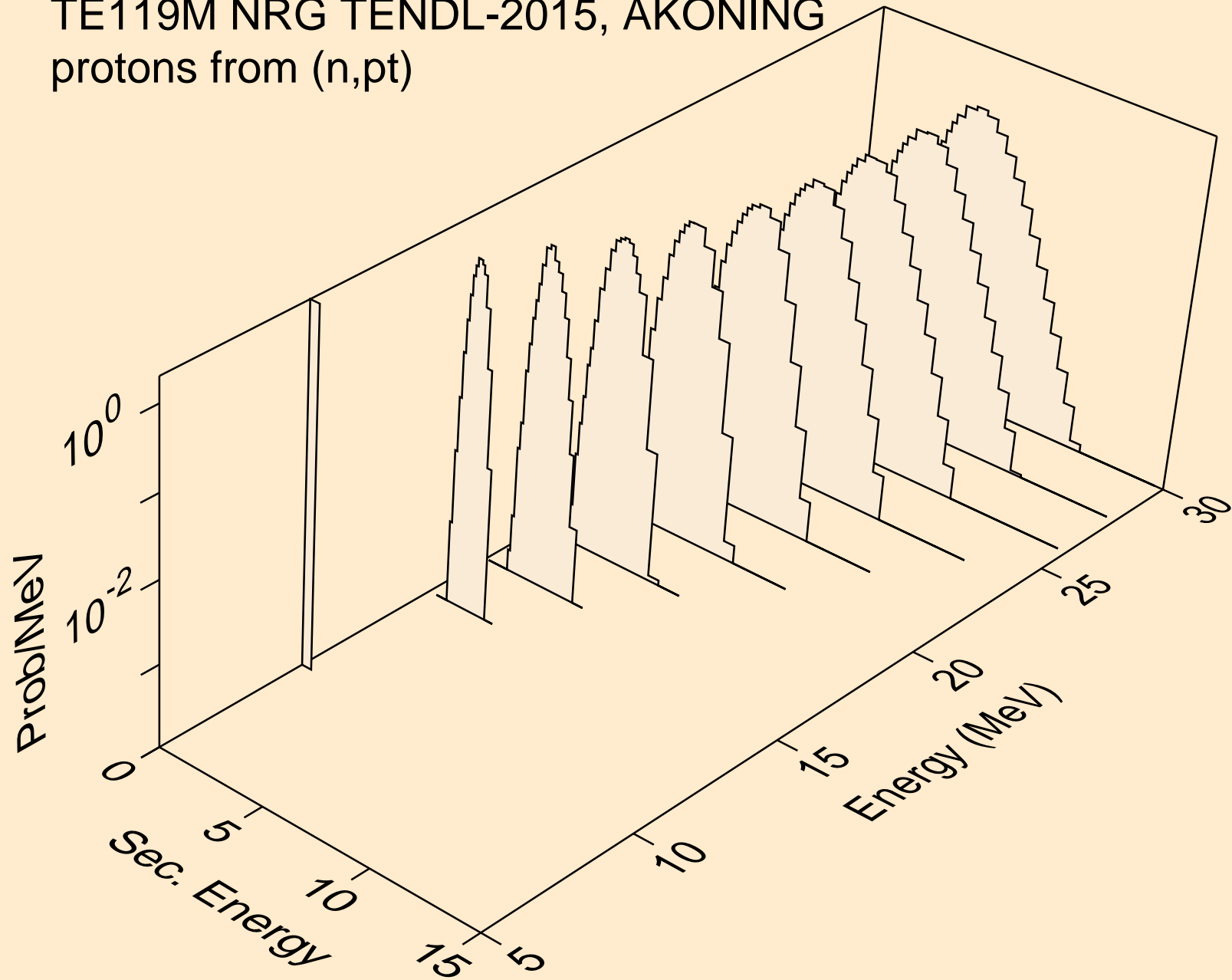
TE119M NRG TENDL-2015, AKONING  
protons from (n,pa)



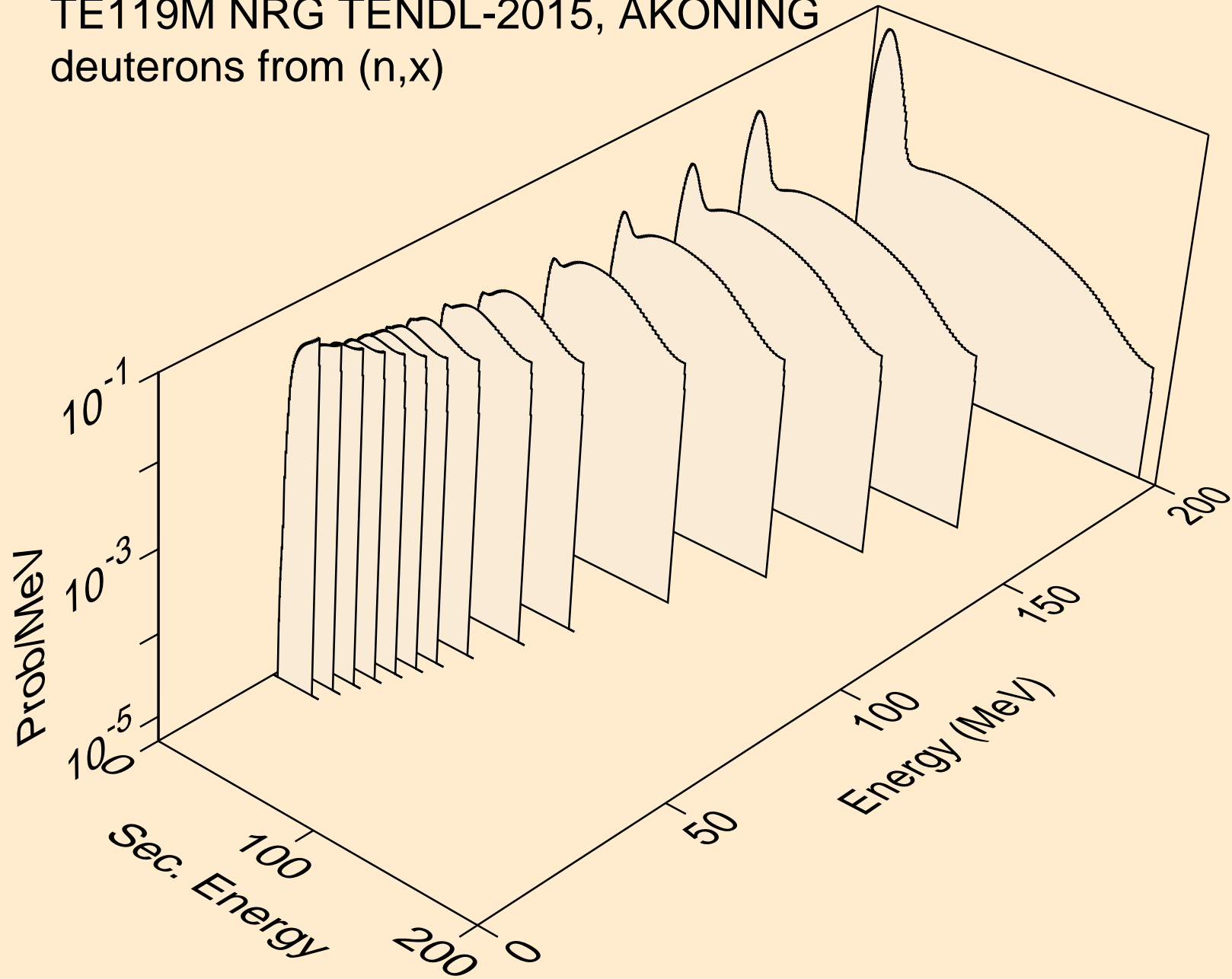
TE119M NRG TENDL-2015, AKONING  
protons from (n,pd)



TE119M NRG TENDL-2015, AKONING  
protons from (n,pt)

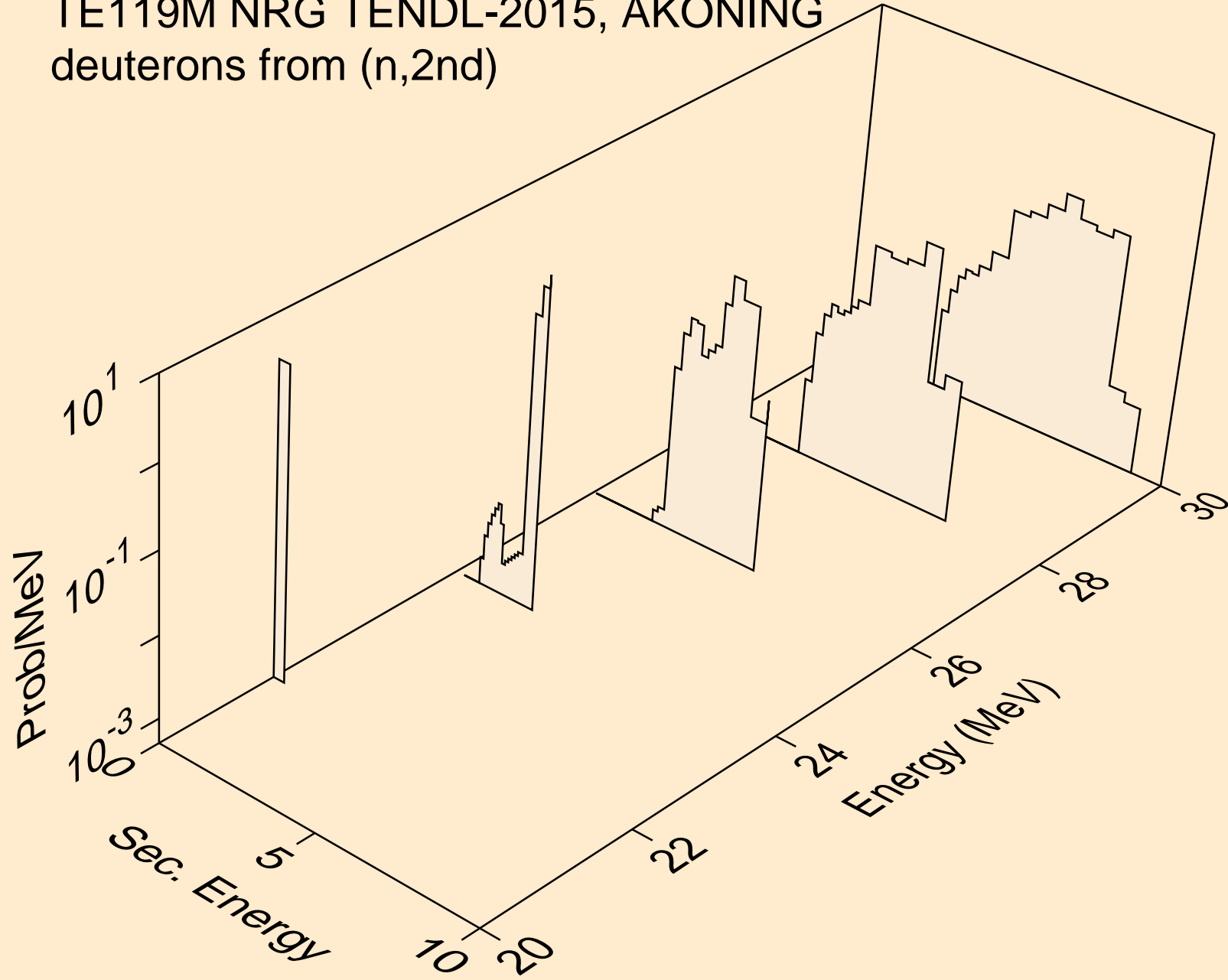


TE119M NRG TENDL-2015, AKONING  
deuterons from (n,x)

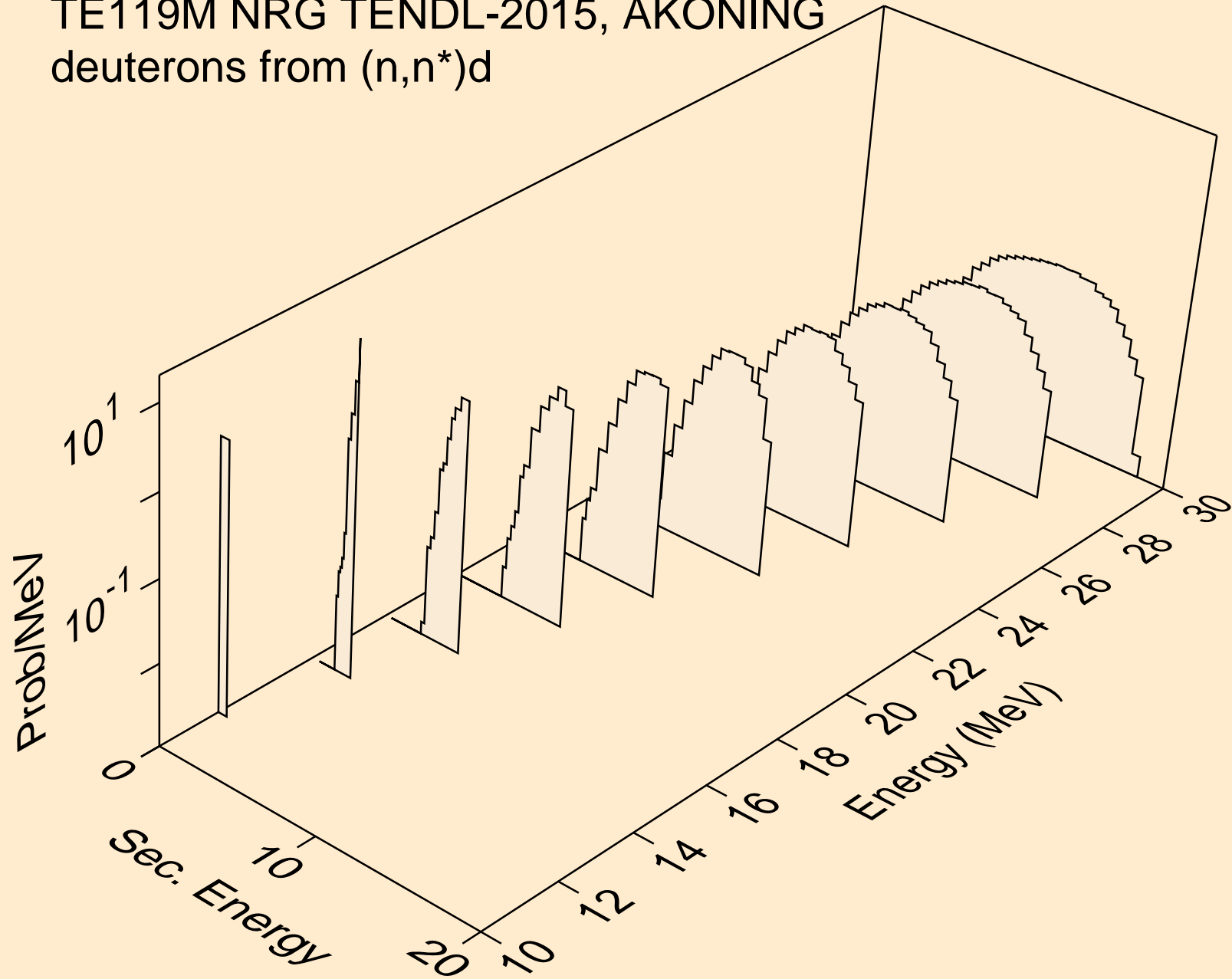




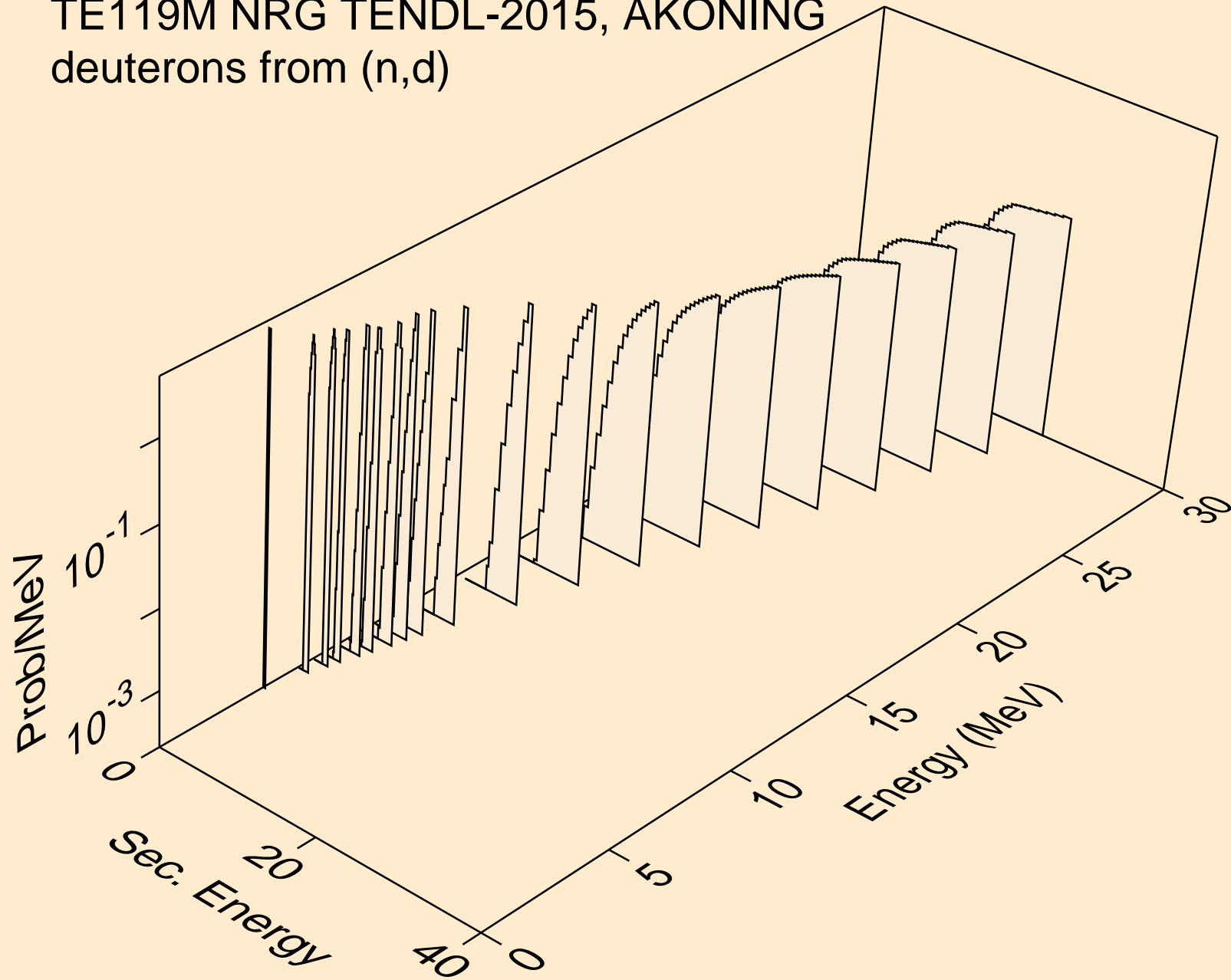
TE119M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



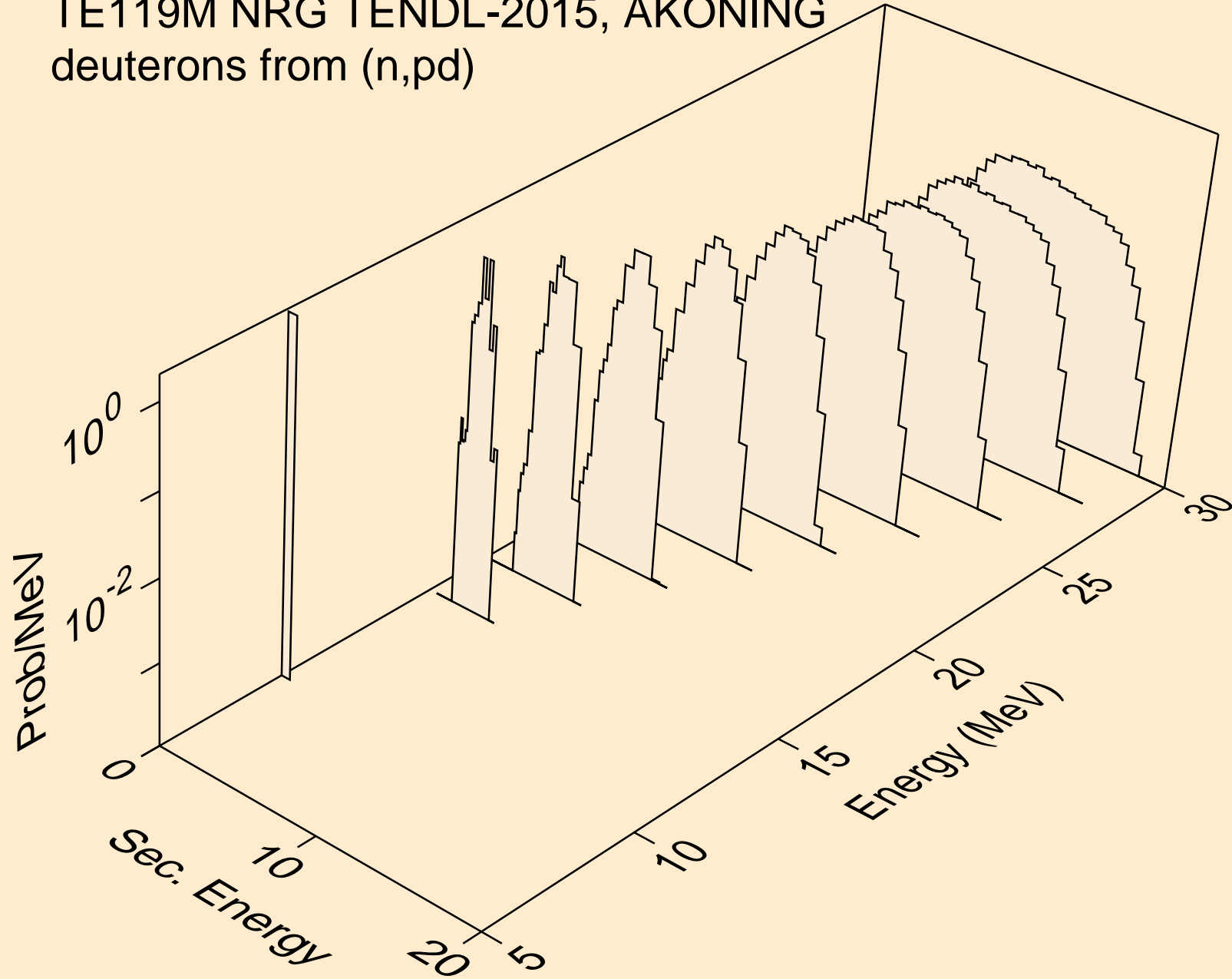
TE119M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



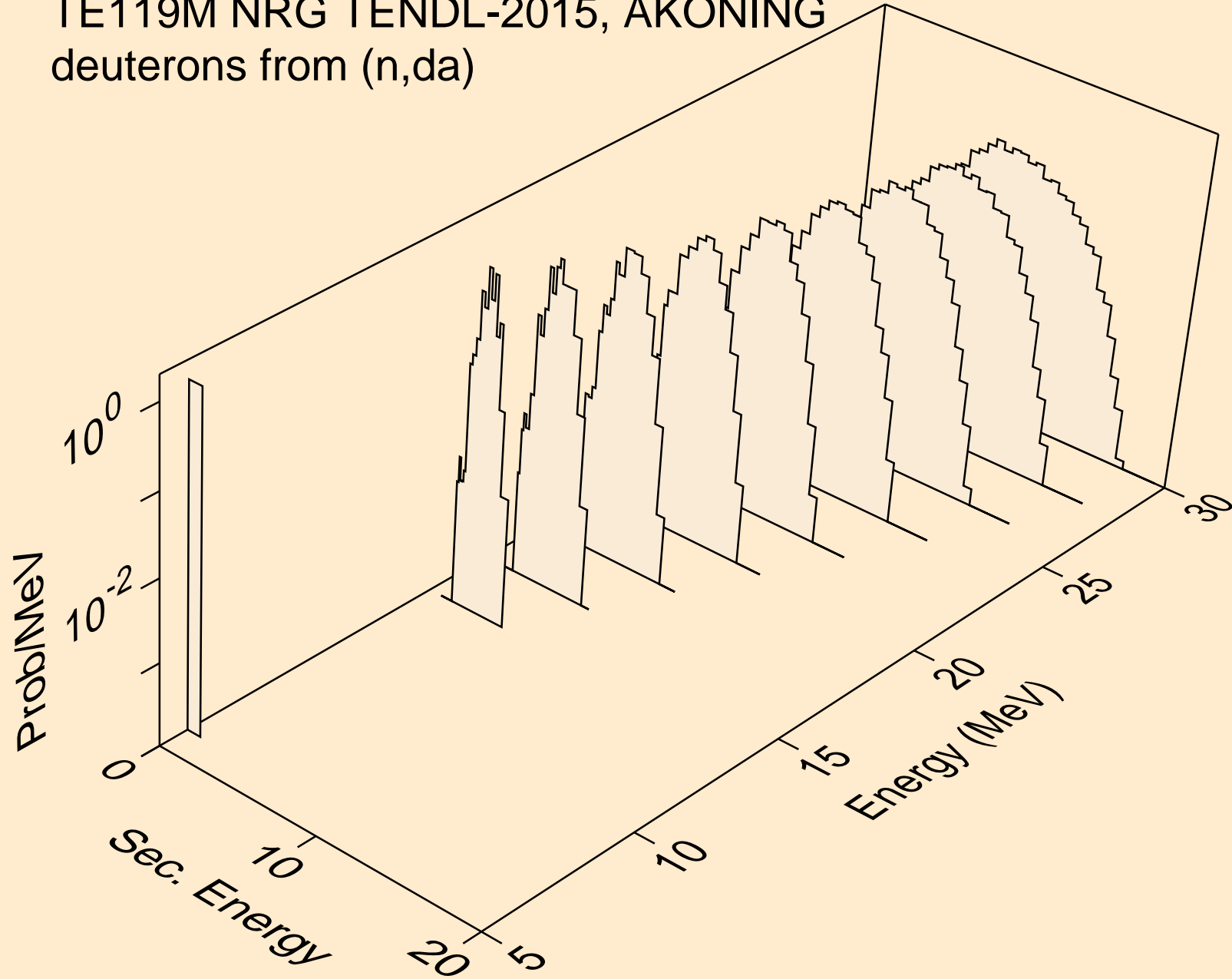
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deuterons from (n,d)



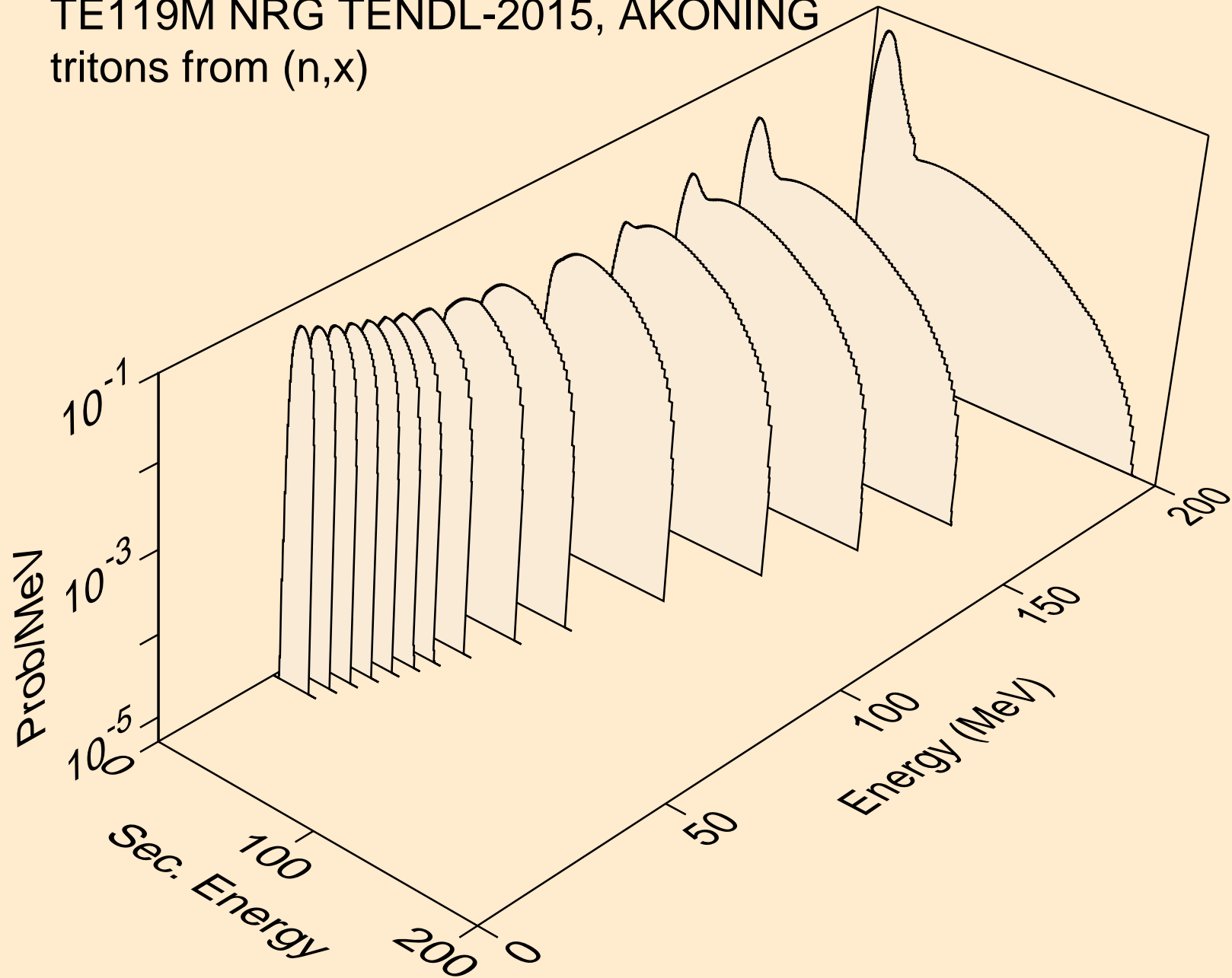
TE119M NRG TENDL-2015, AKONING  
deuterons from (n,pd)



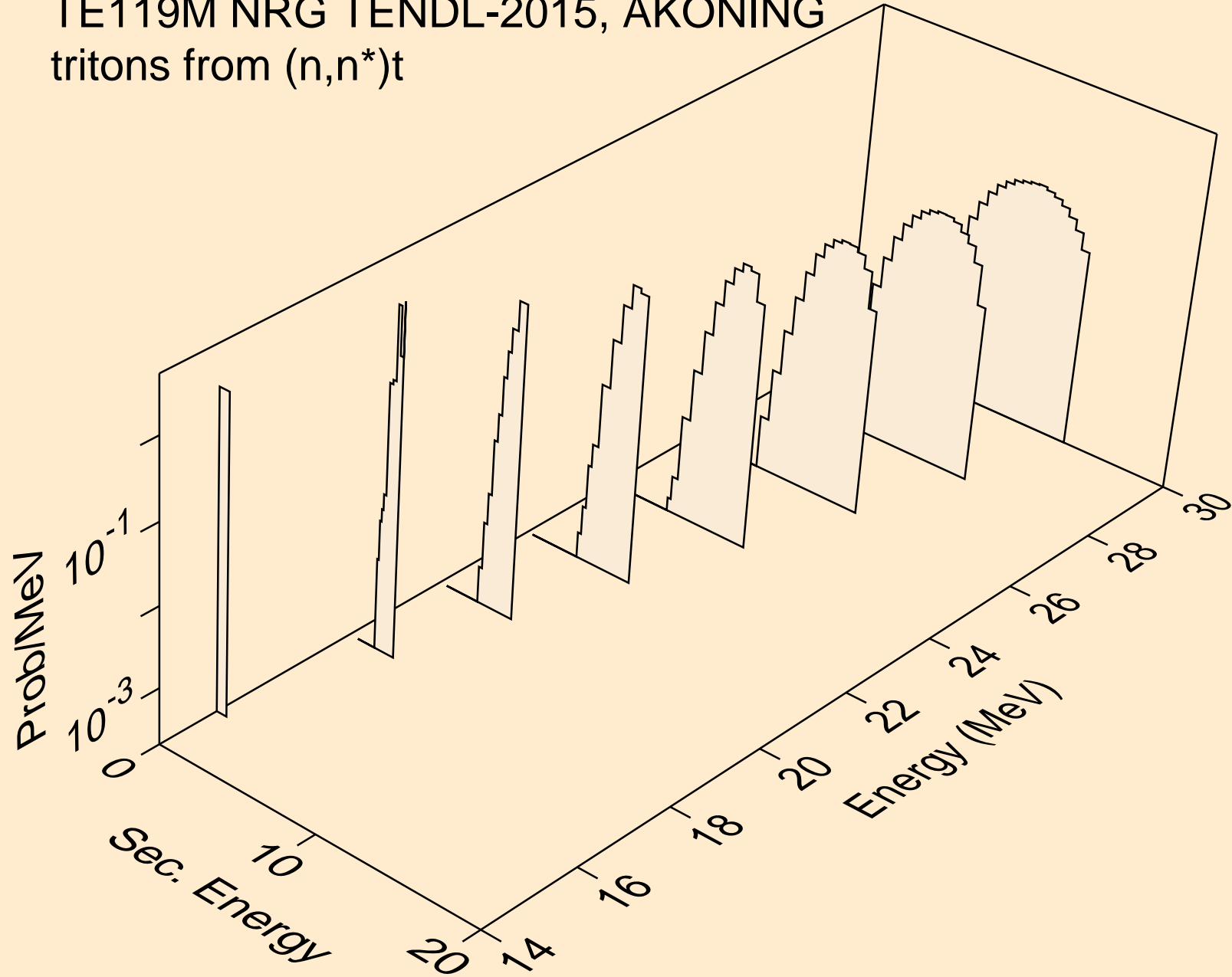
TE119M NRG TENDL-2015, AKONING  
deuterons from (n,da)



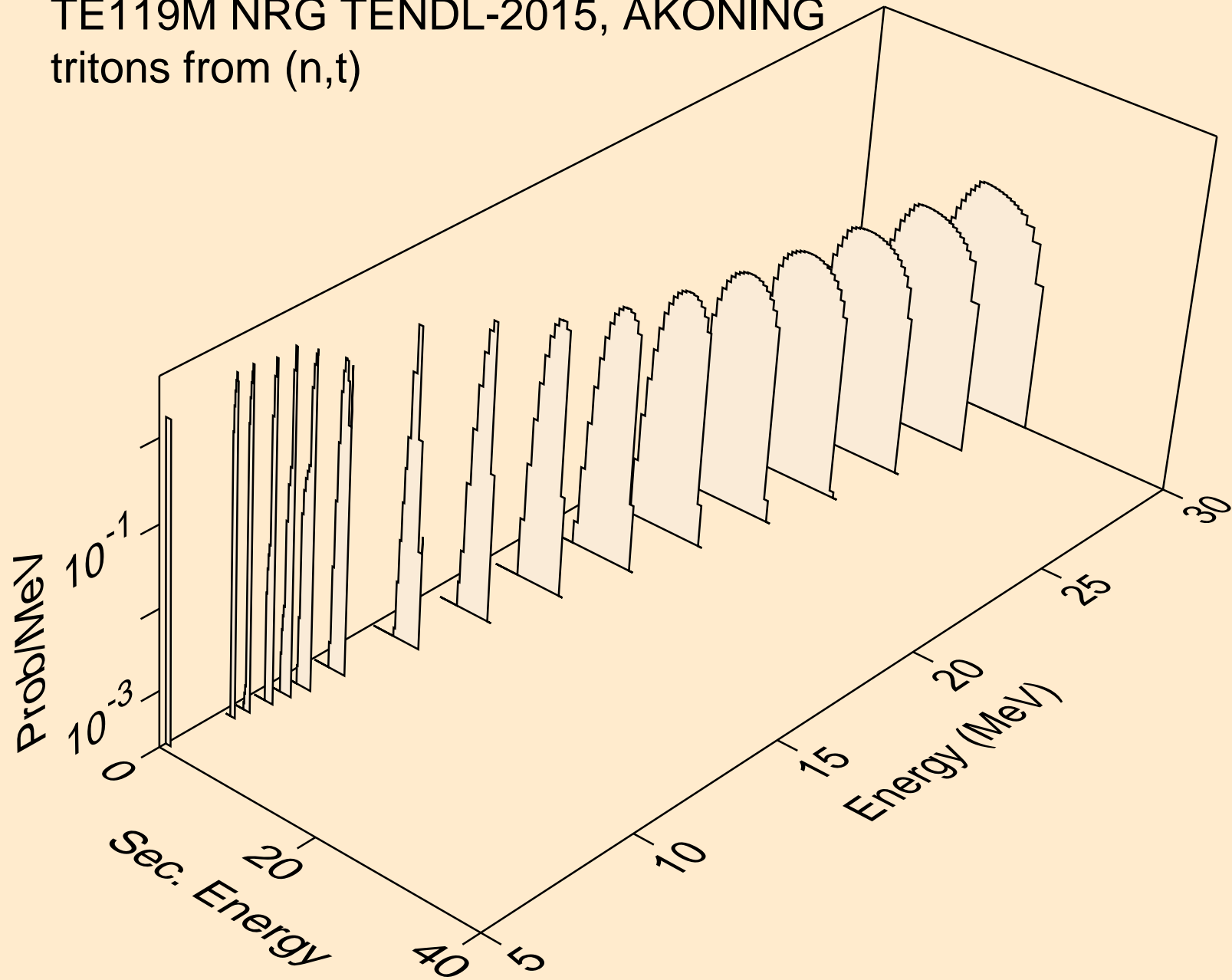
TE119M NRG TENDL-2015, AKONING  
tritons from (n,x)



TE119M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

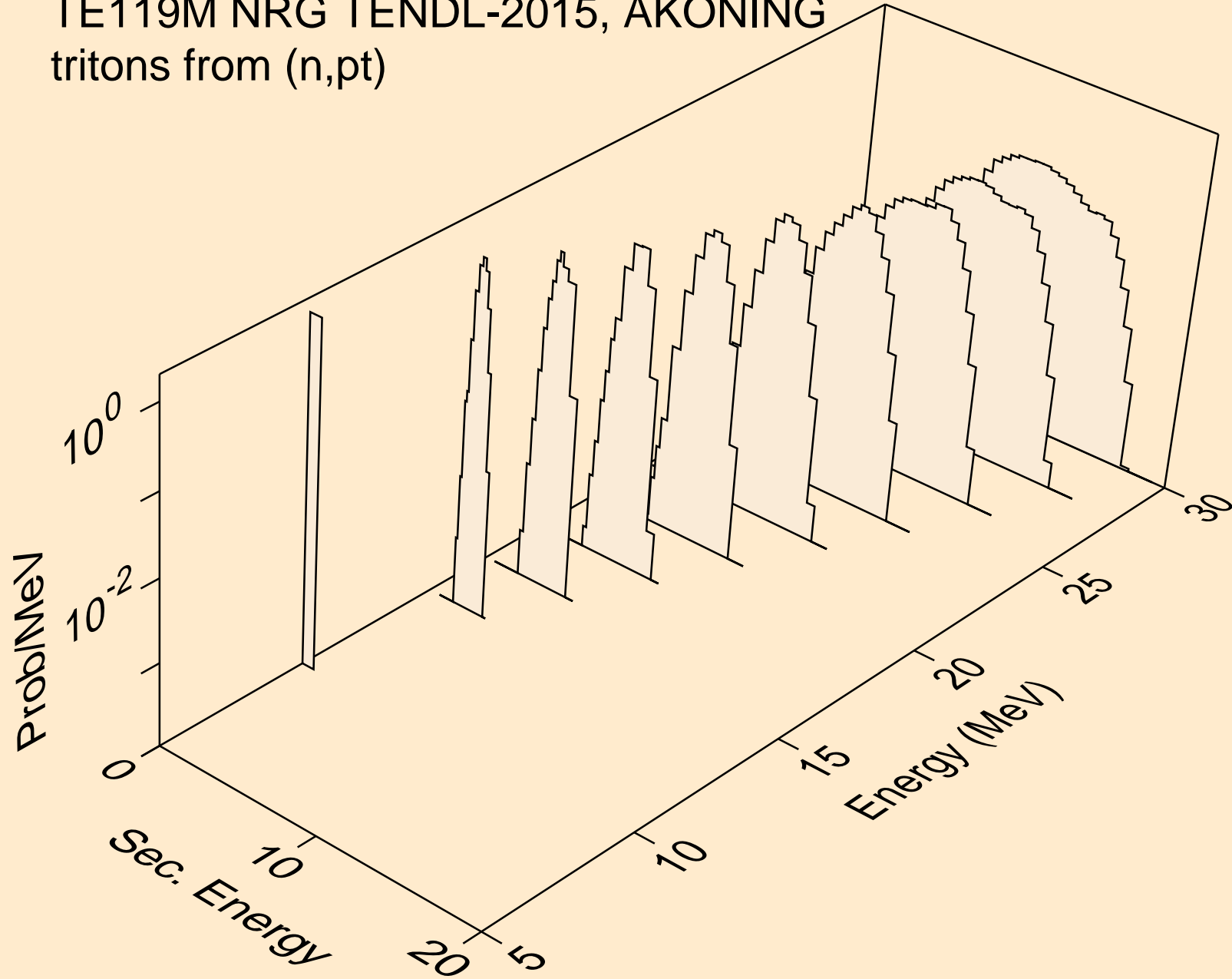


TE119M NRG TENDL-2015, AKONING  
tritons from (n,t)

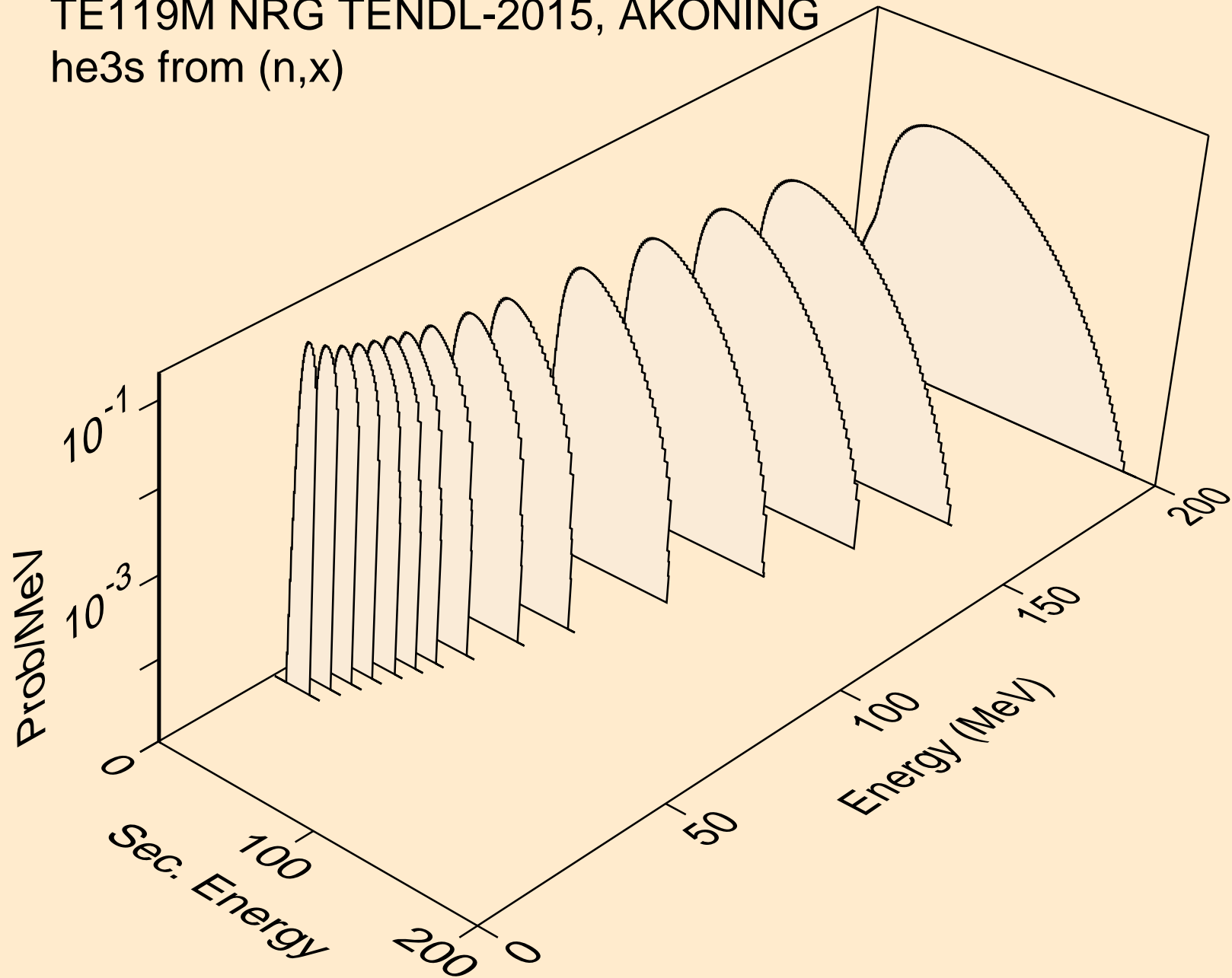




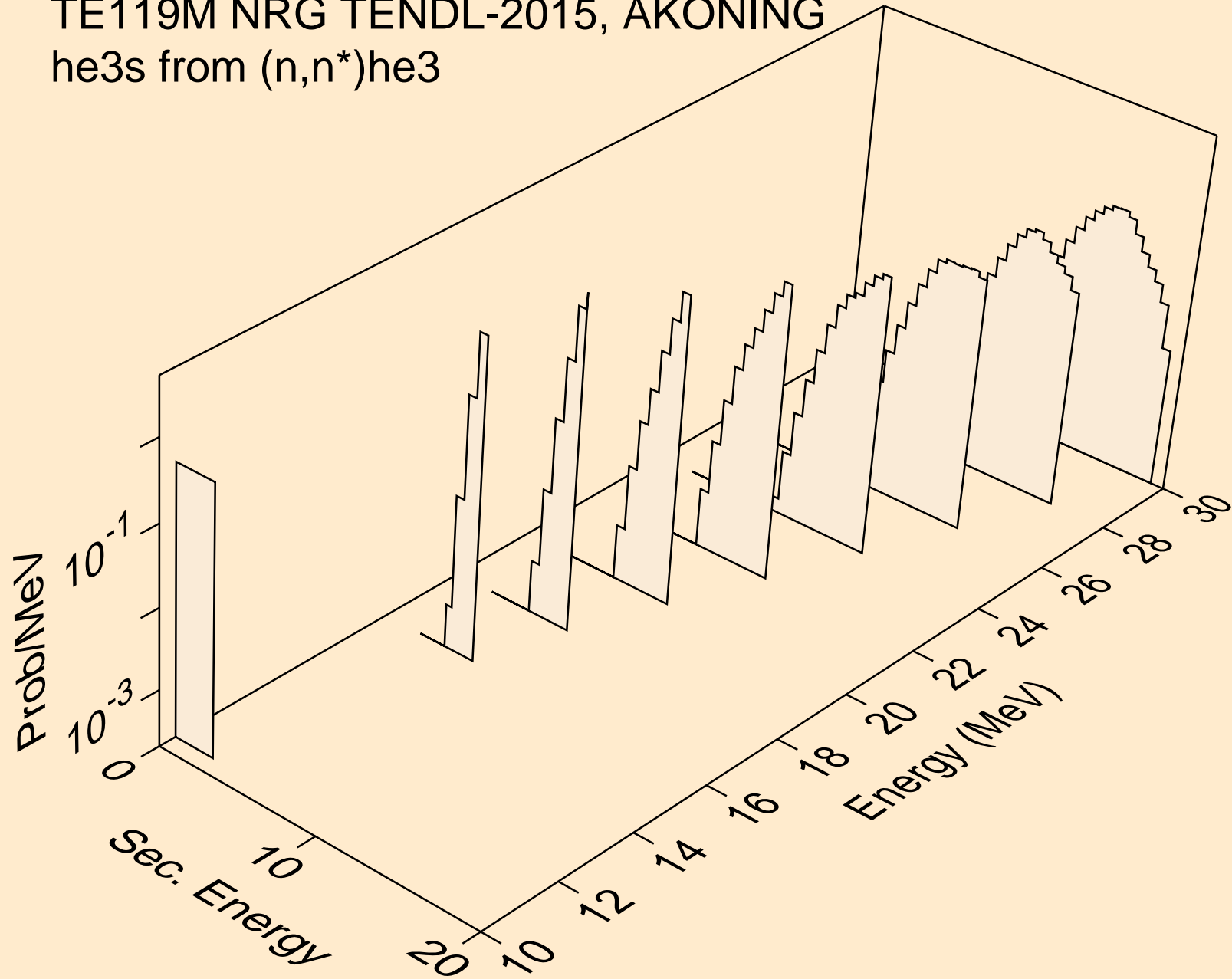
TE119M NRG TENDL-2015, AKONING  
tritons from (n,pt)



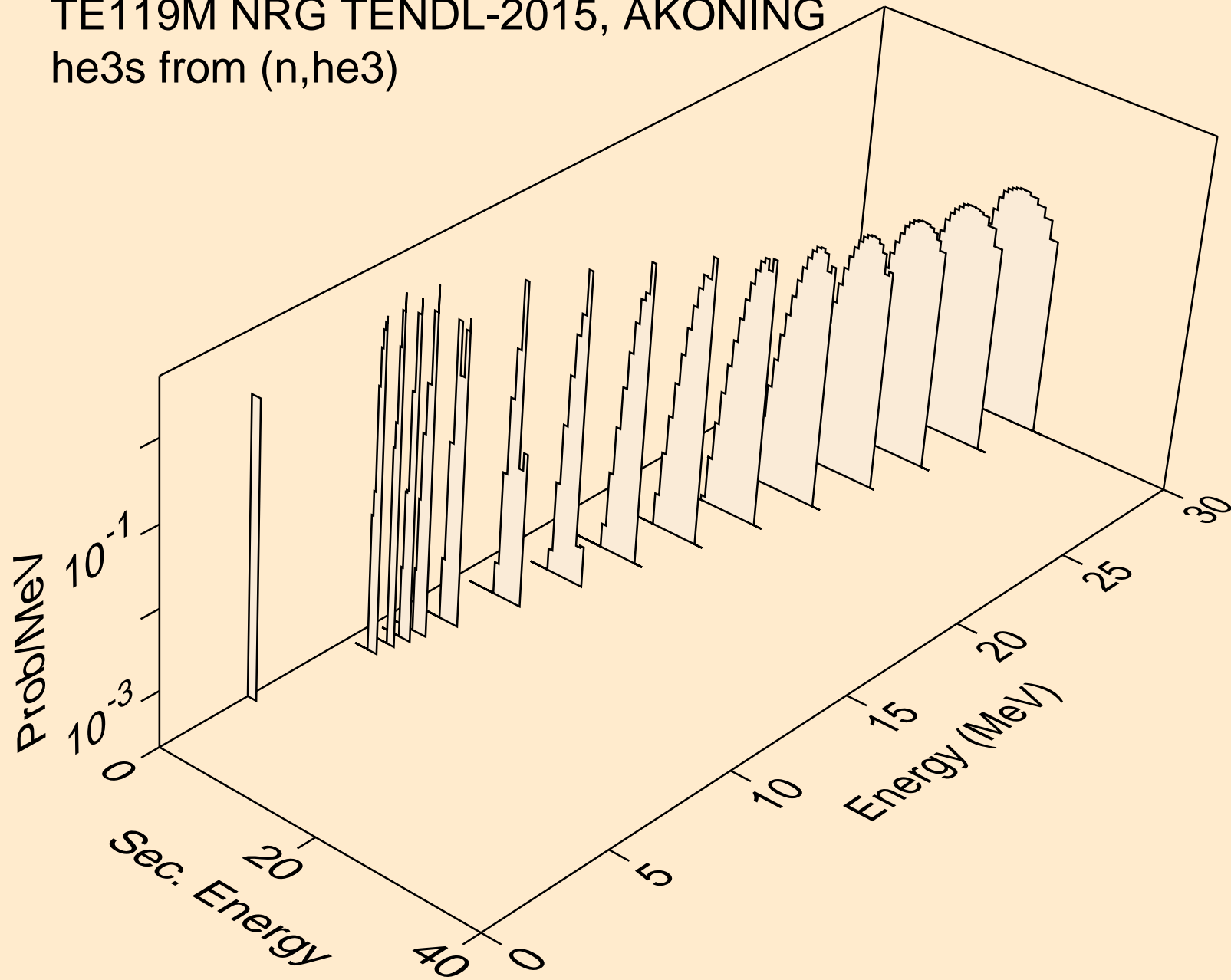
TE119M NRG TENDL-2015, AKONING  
he3s from (n,x)



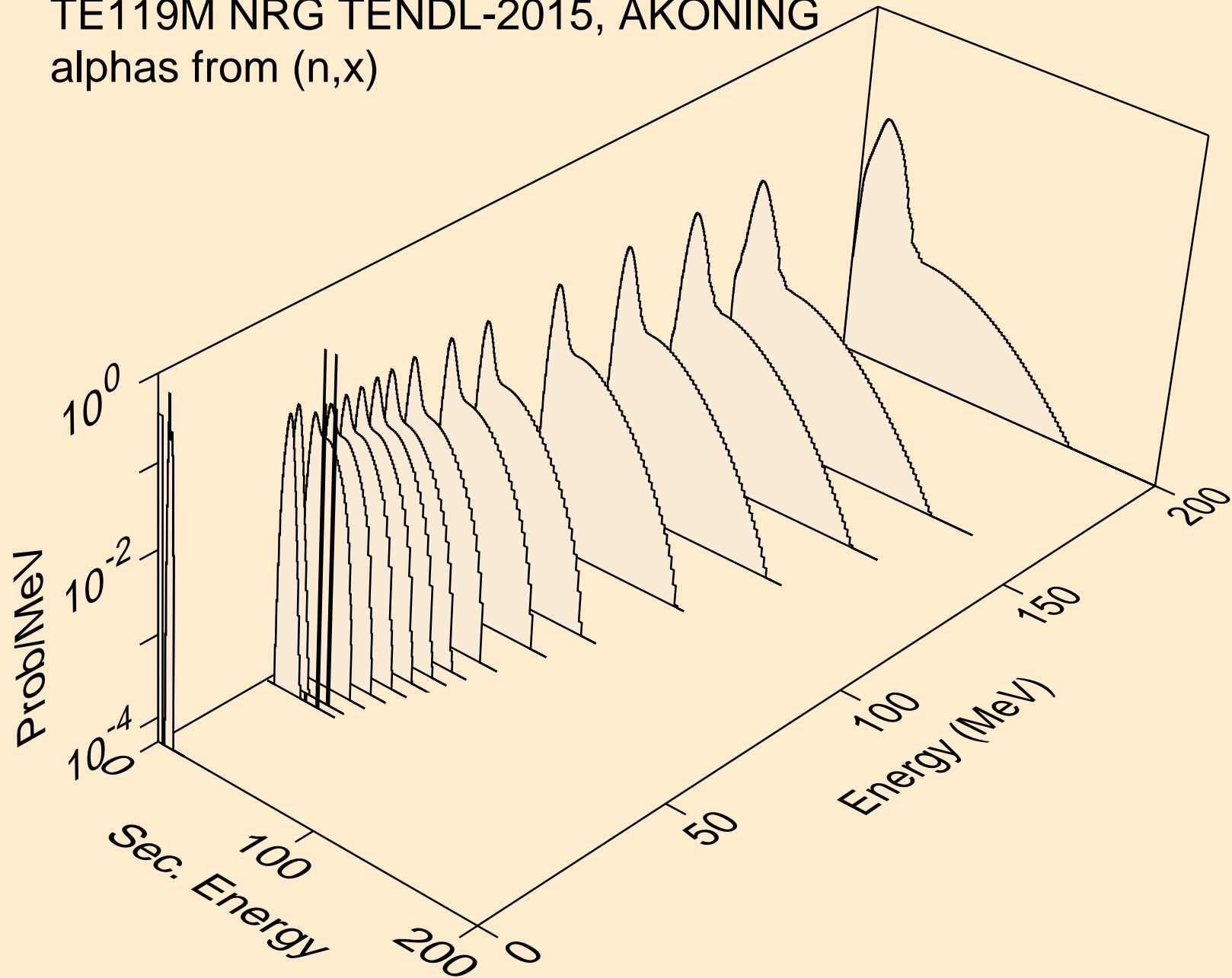
TE119M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



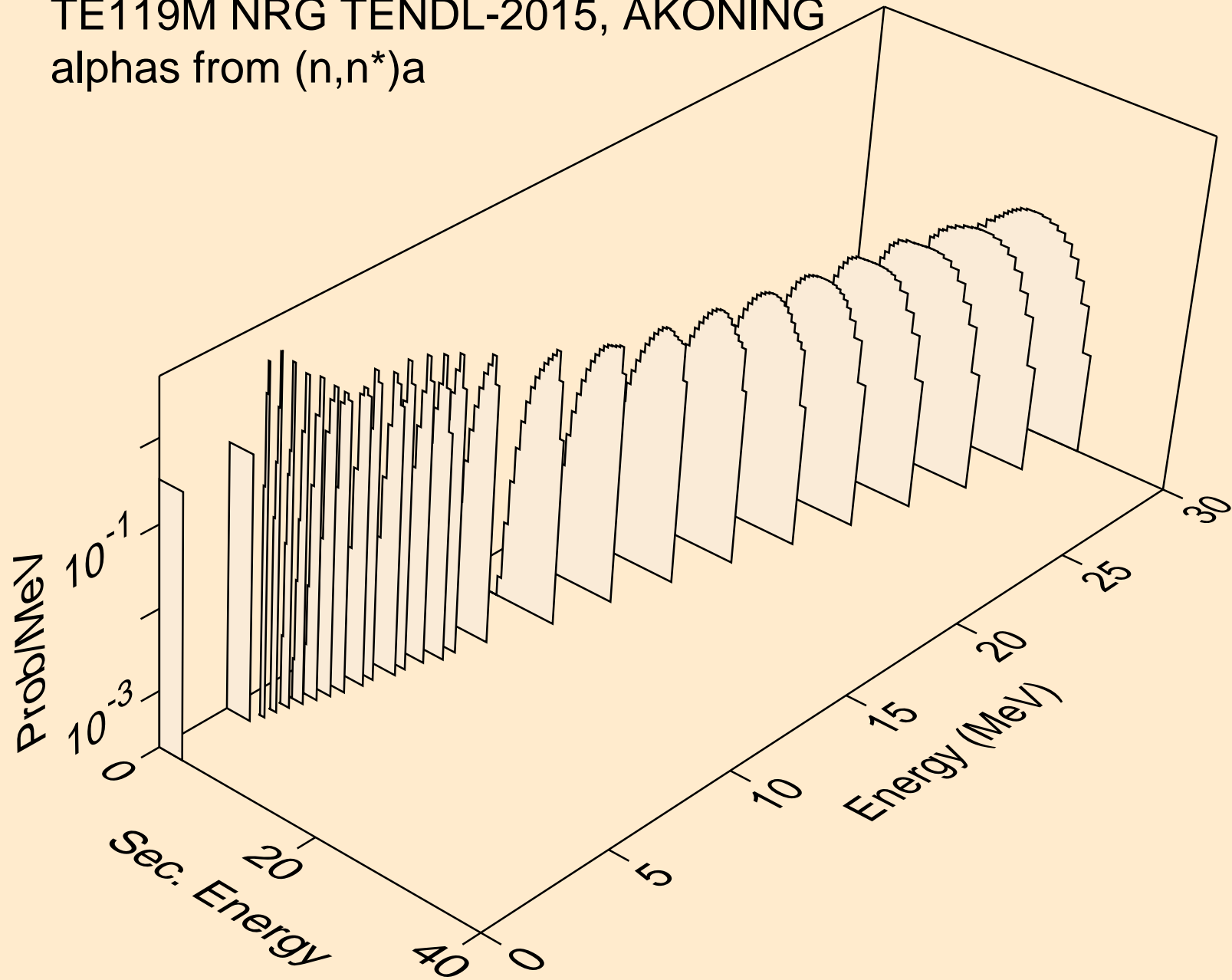
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he3s from (n,he3)



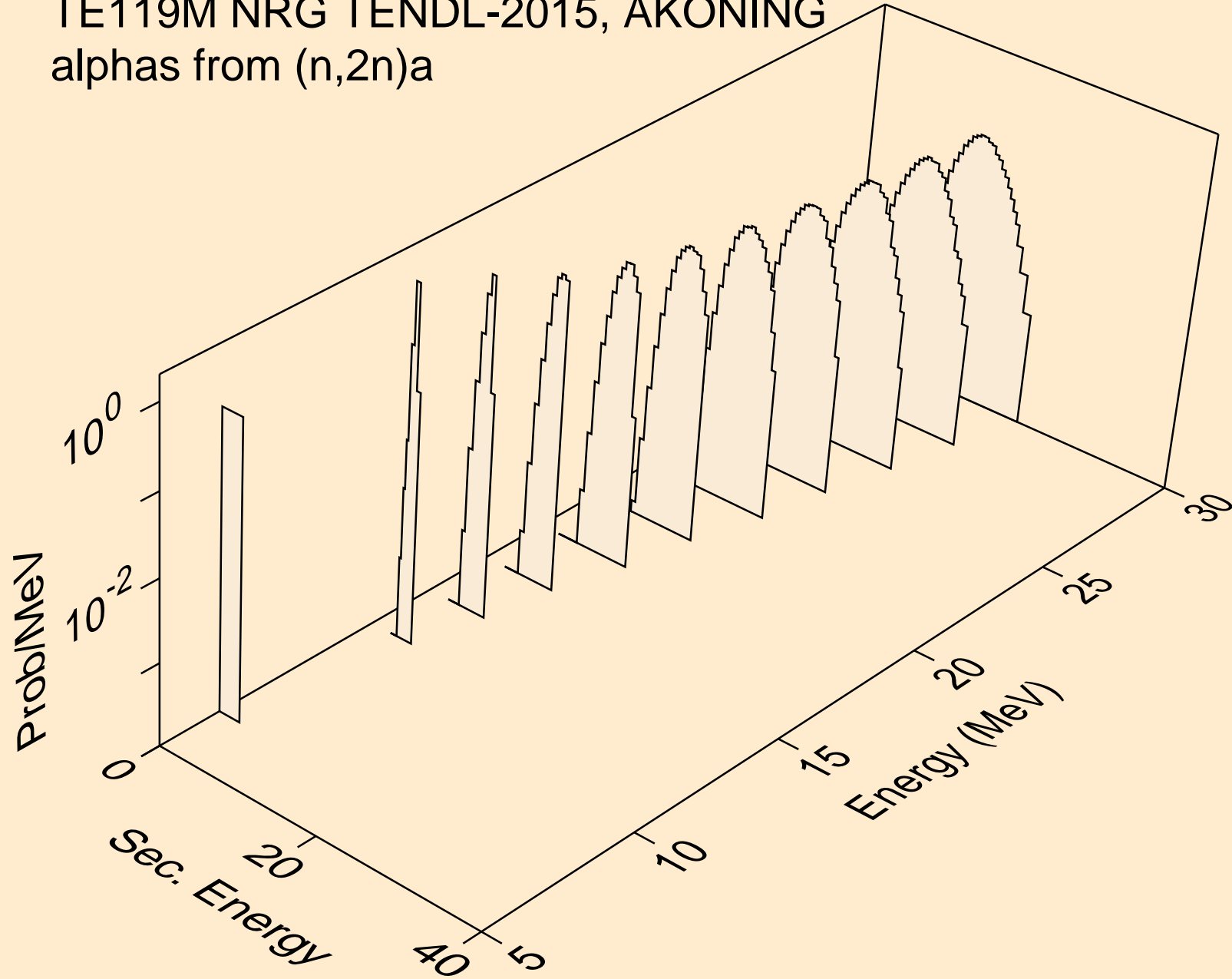
TE119M NRG TENDL-2015, AKONING  
alphas from (n,x)



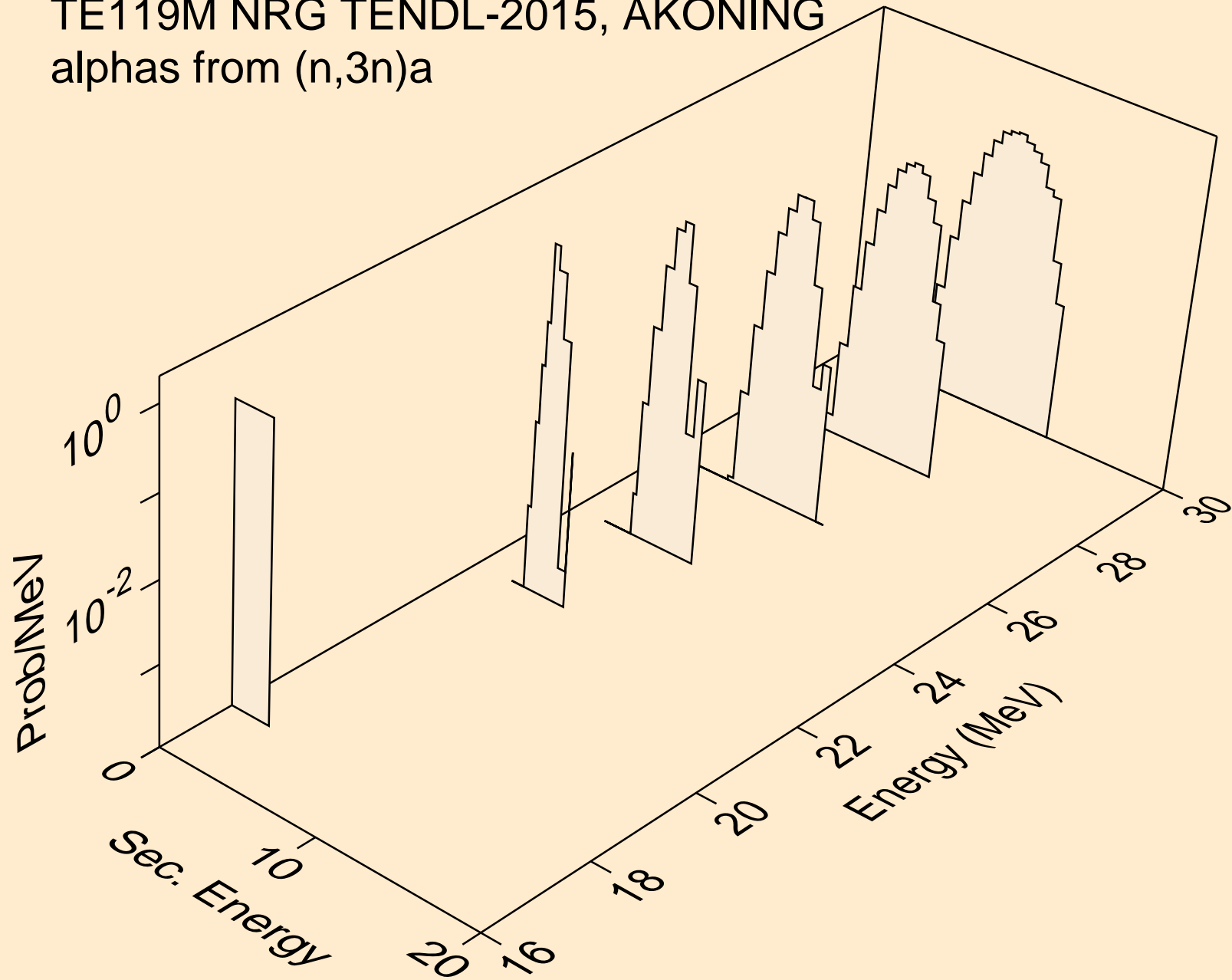
TE119M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TE119M NRG TENDL-2015, AKONING  
alphas from (n,2n)a

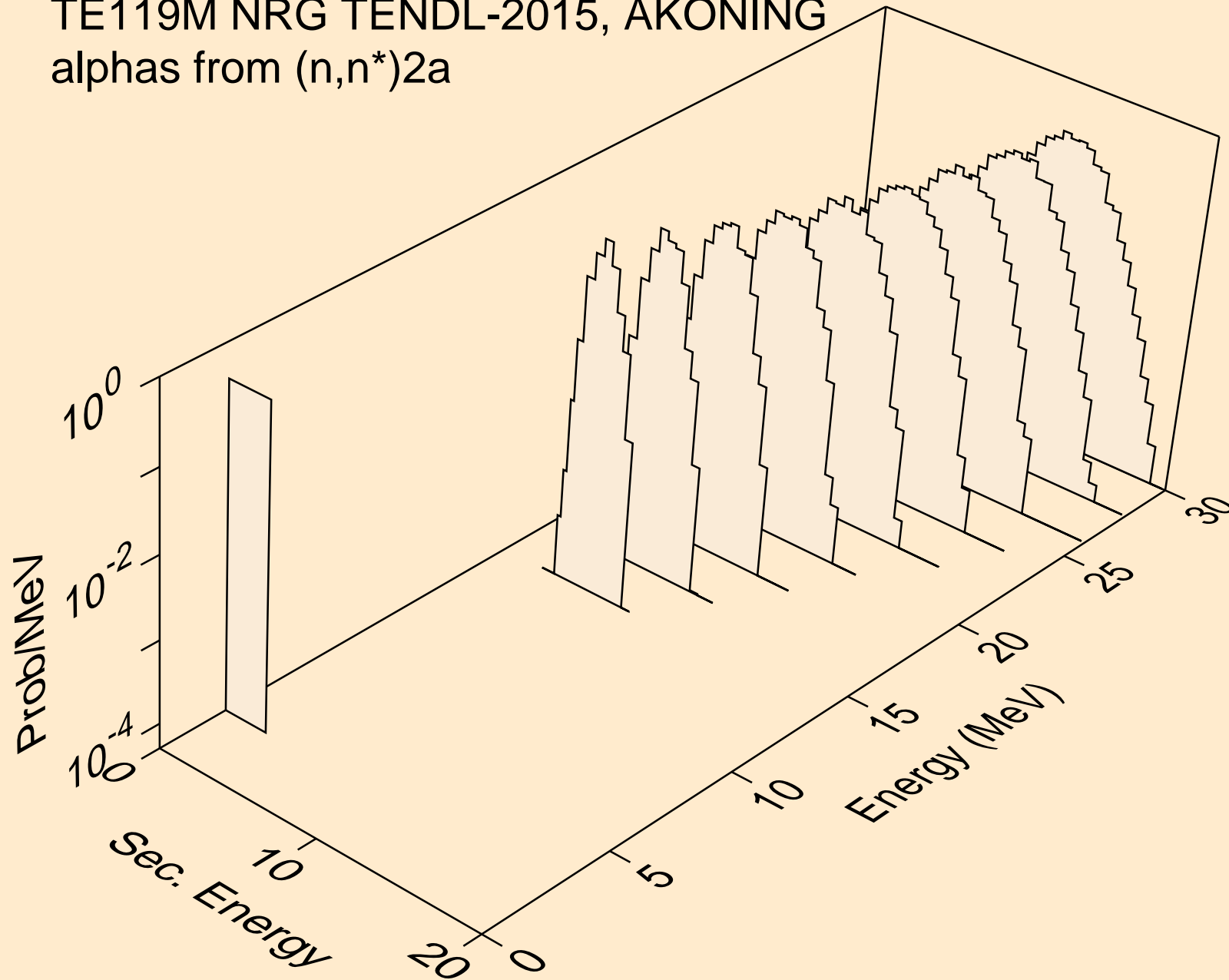


TE119M NRG TENDL-2015, AKONING  
alphas from (n,3n)a

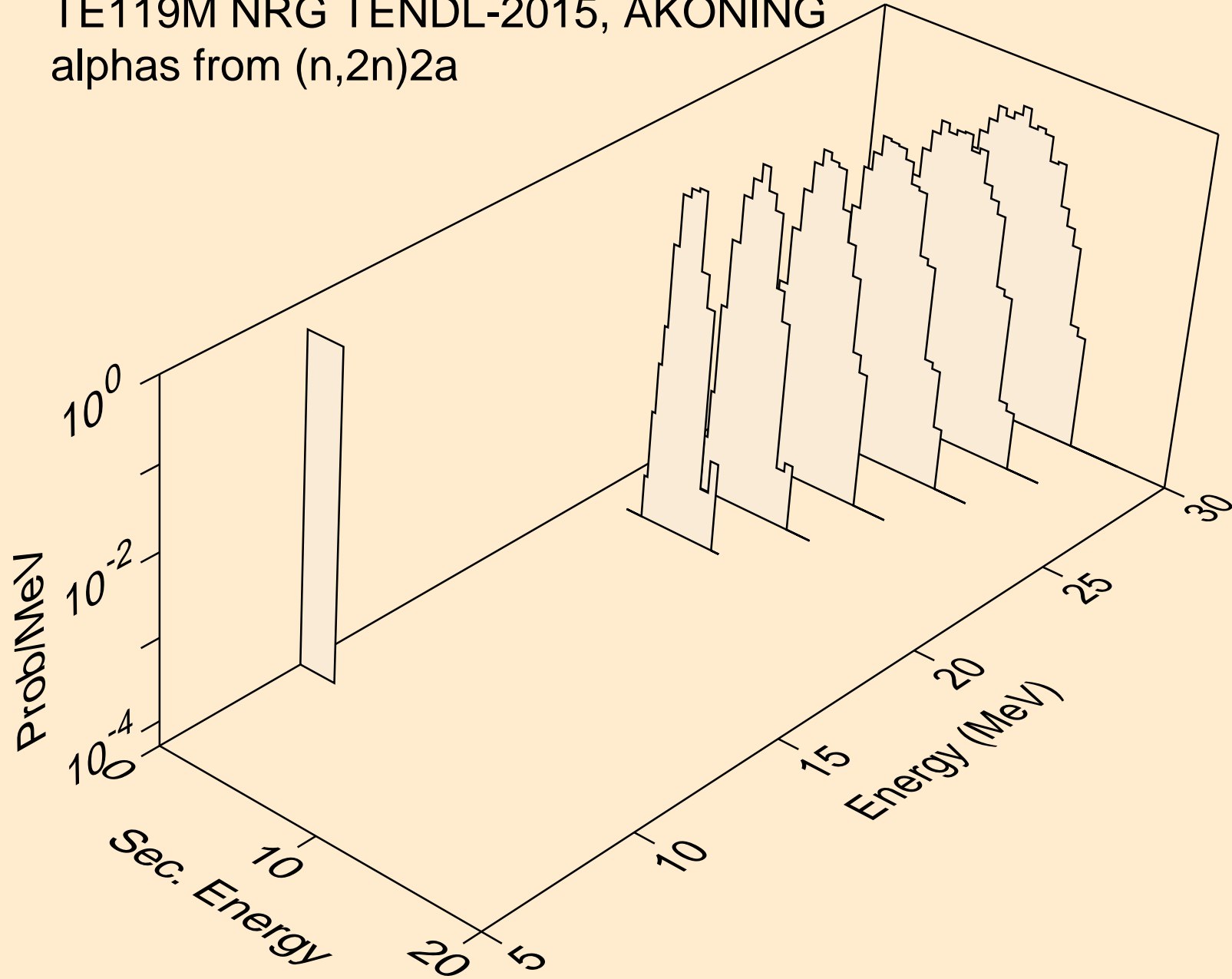




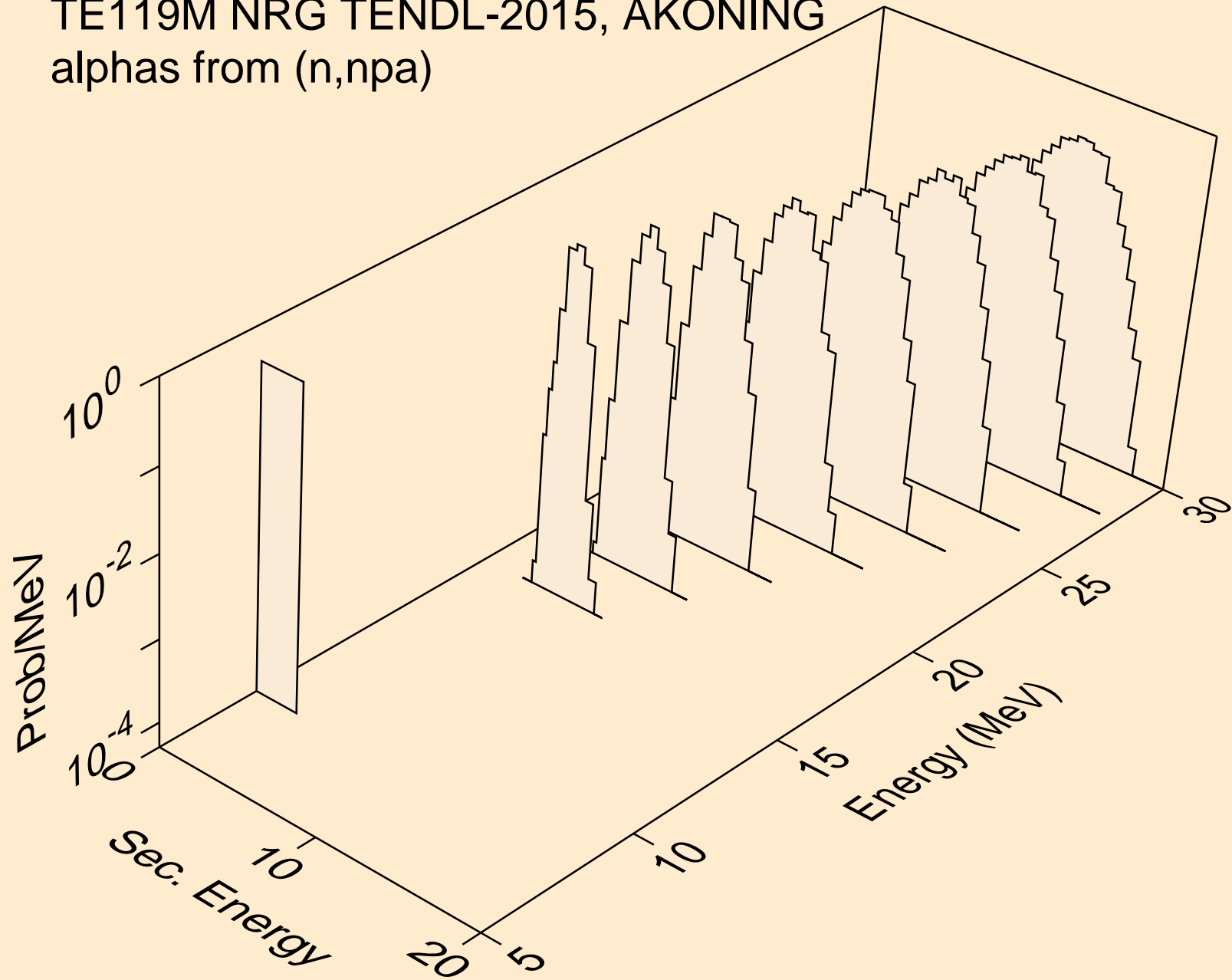
TE119M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



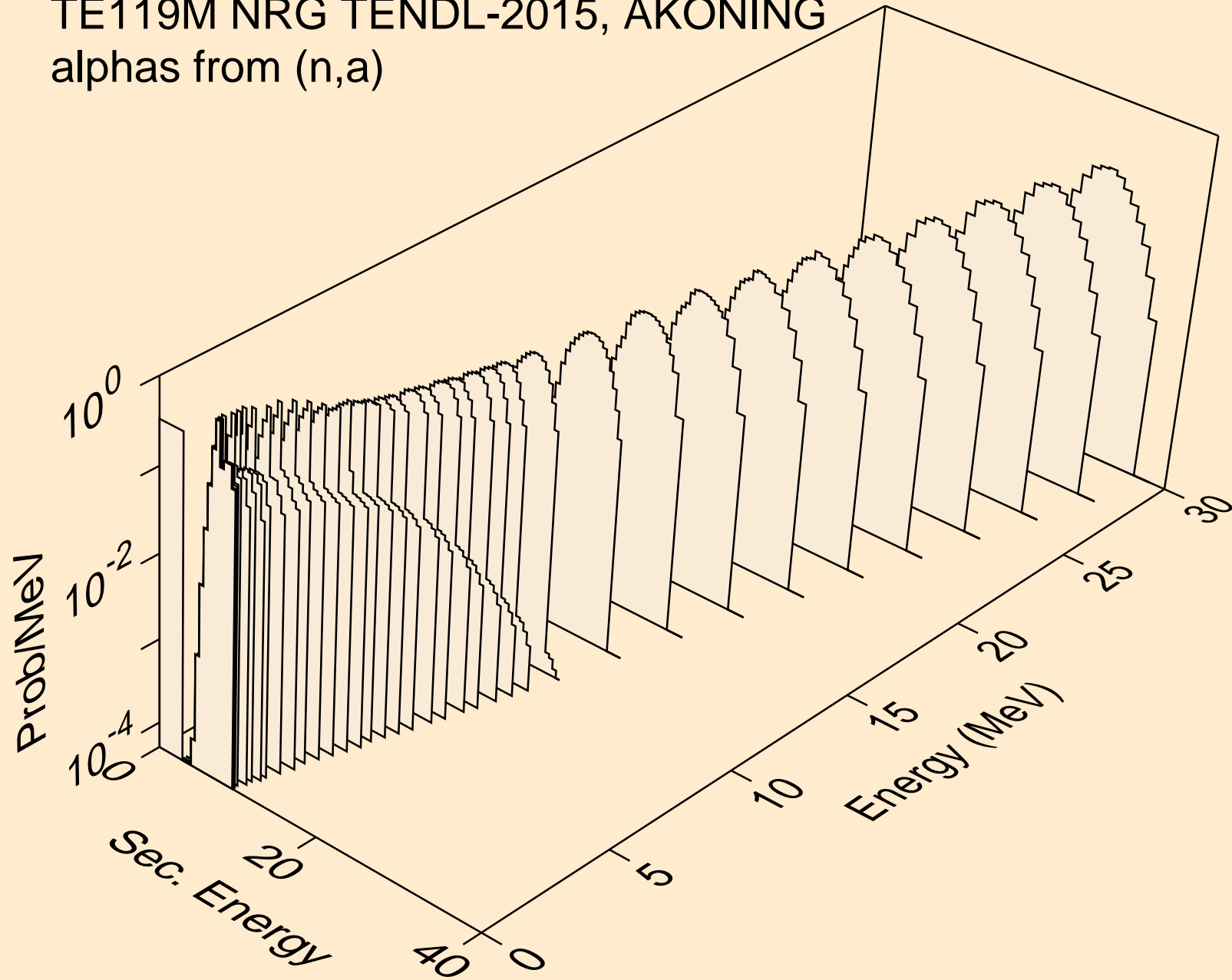
TE119M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



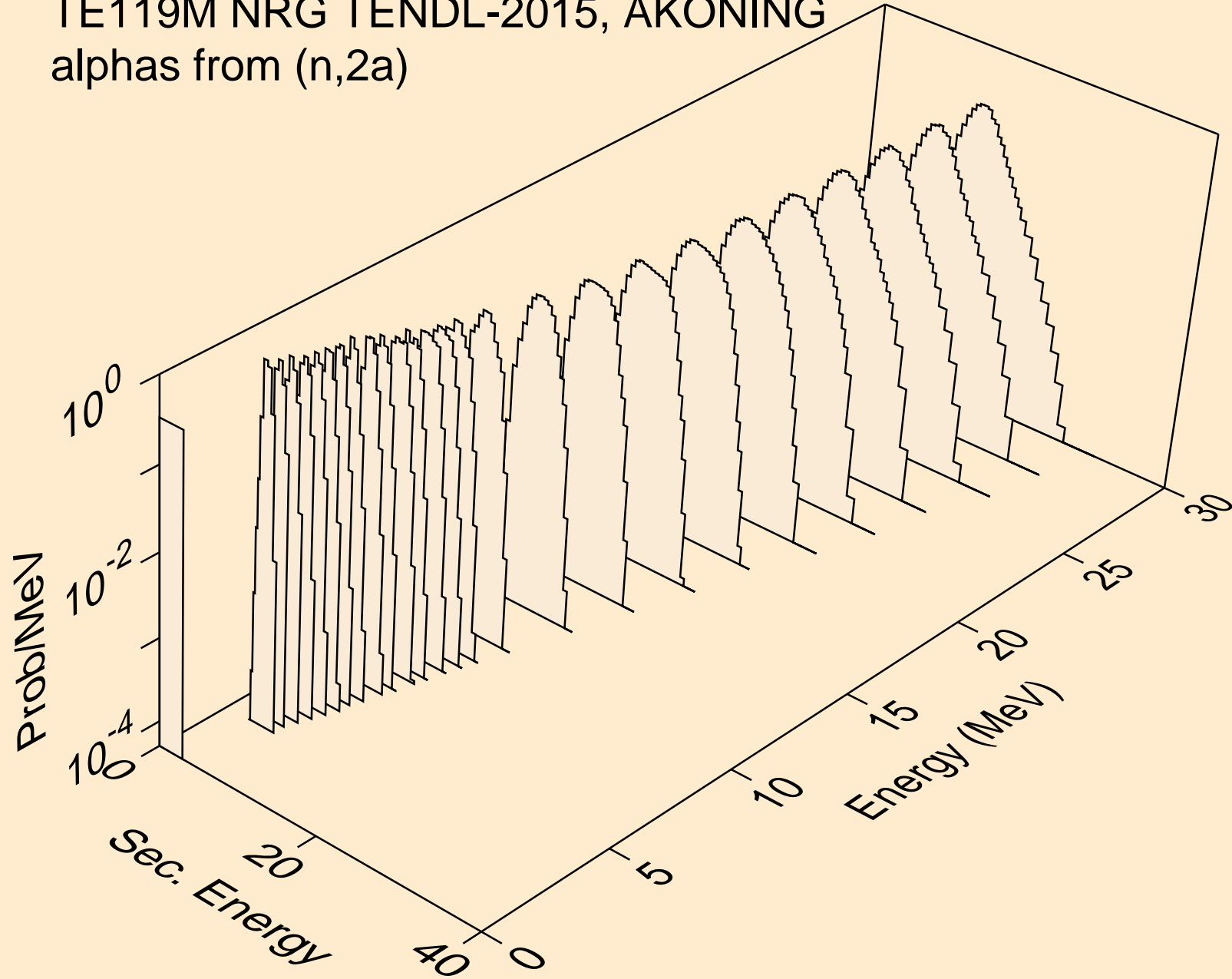
TE119M NRG TENDL-2015, AKONING  
alphas from (n,npa)



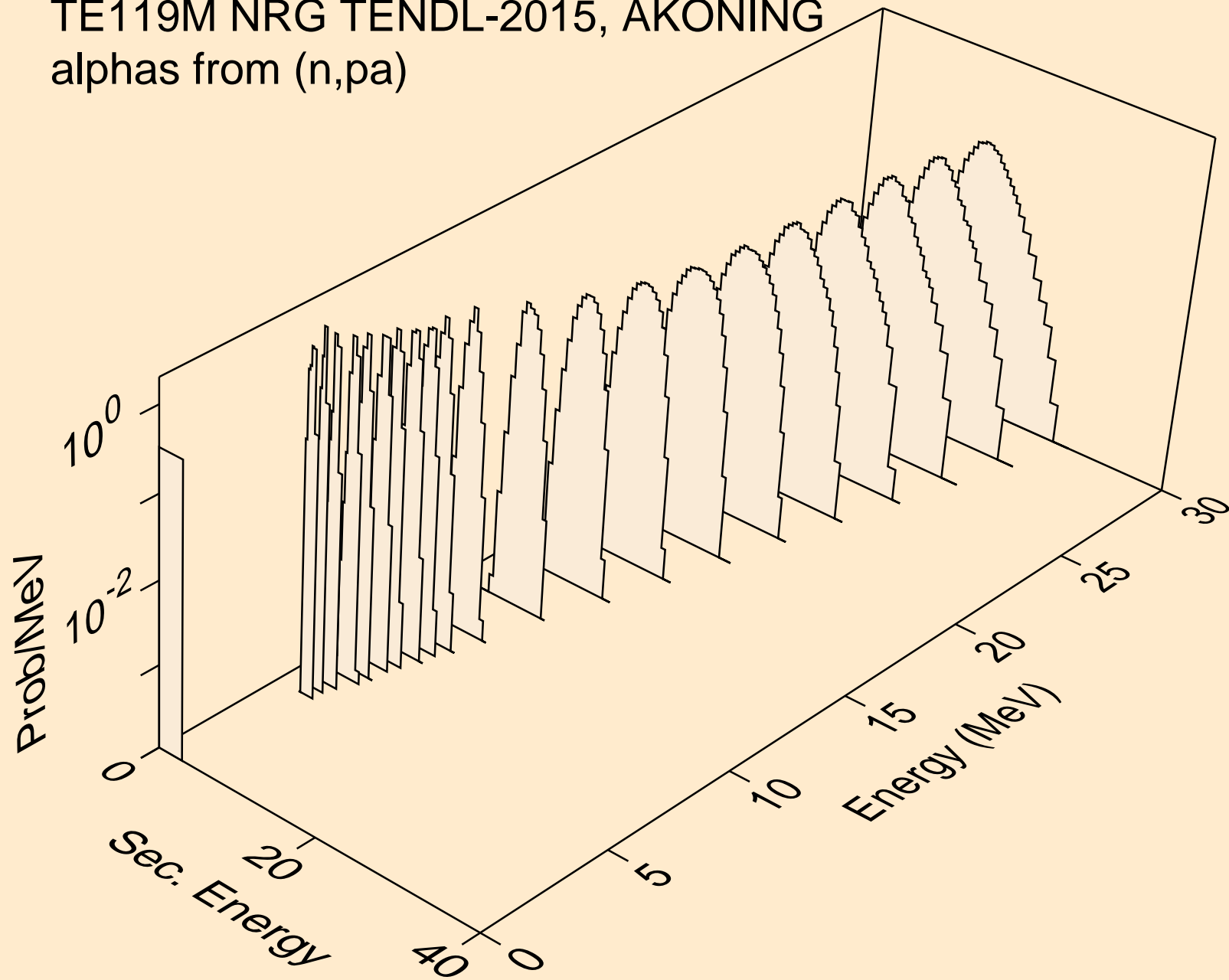
TE119M NRG TENDL-2015, AKONING  
alphas from (n,a)



TE119M NRG TENDL-2015, AKONING  
alphas from (n,2a)



TE119M NRG TENDL-2015, AKONING  
alphas from (n,pa)



TE119M NRG TENDL-2015, AKONING  
alphas from (n,da)

