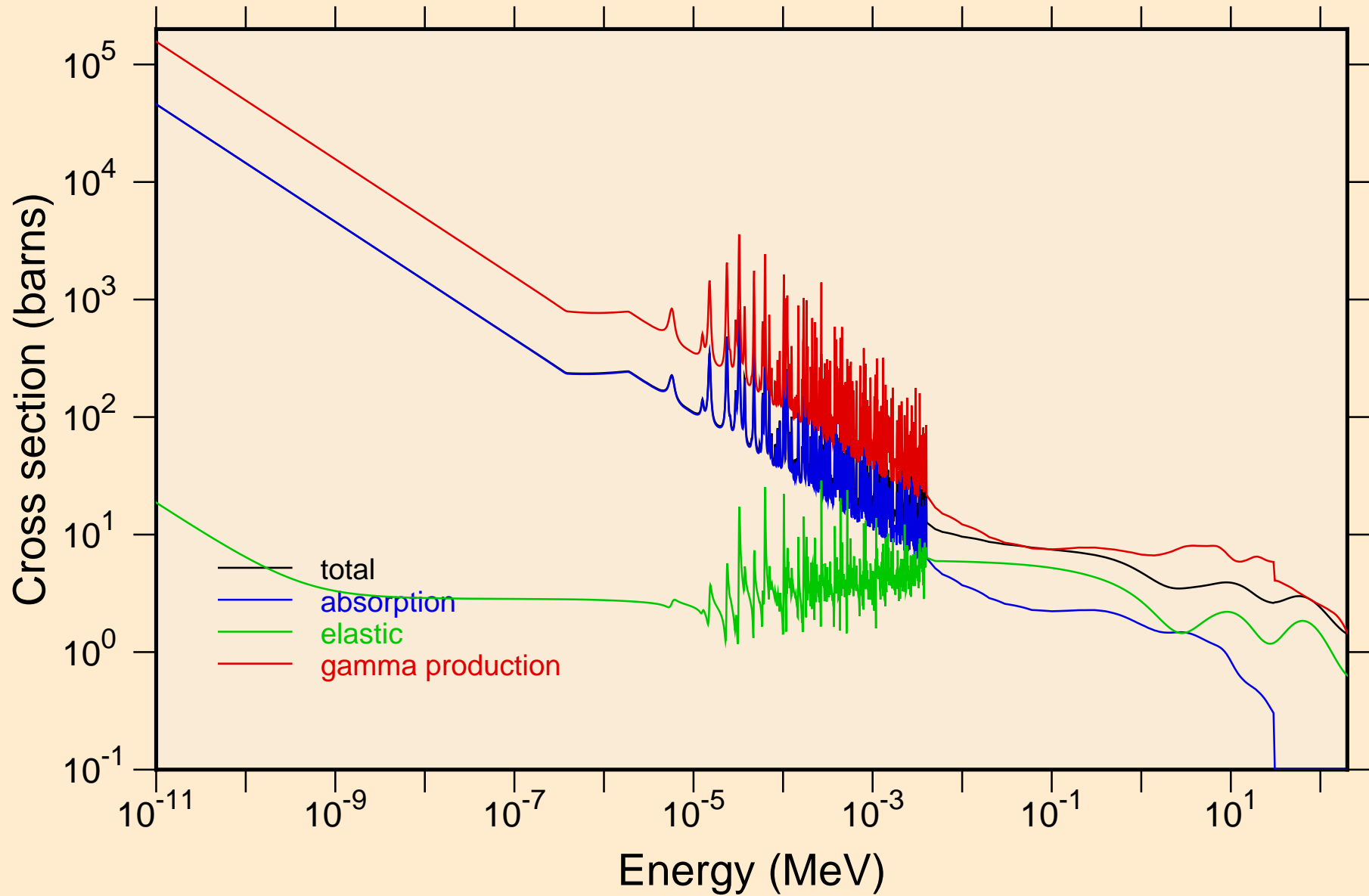
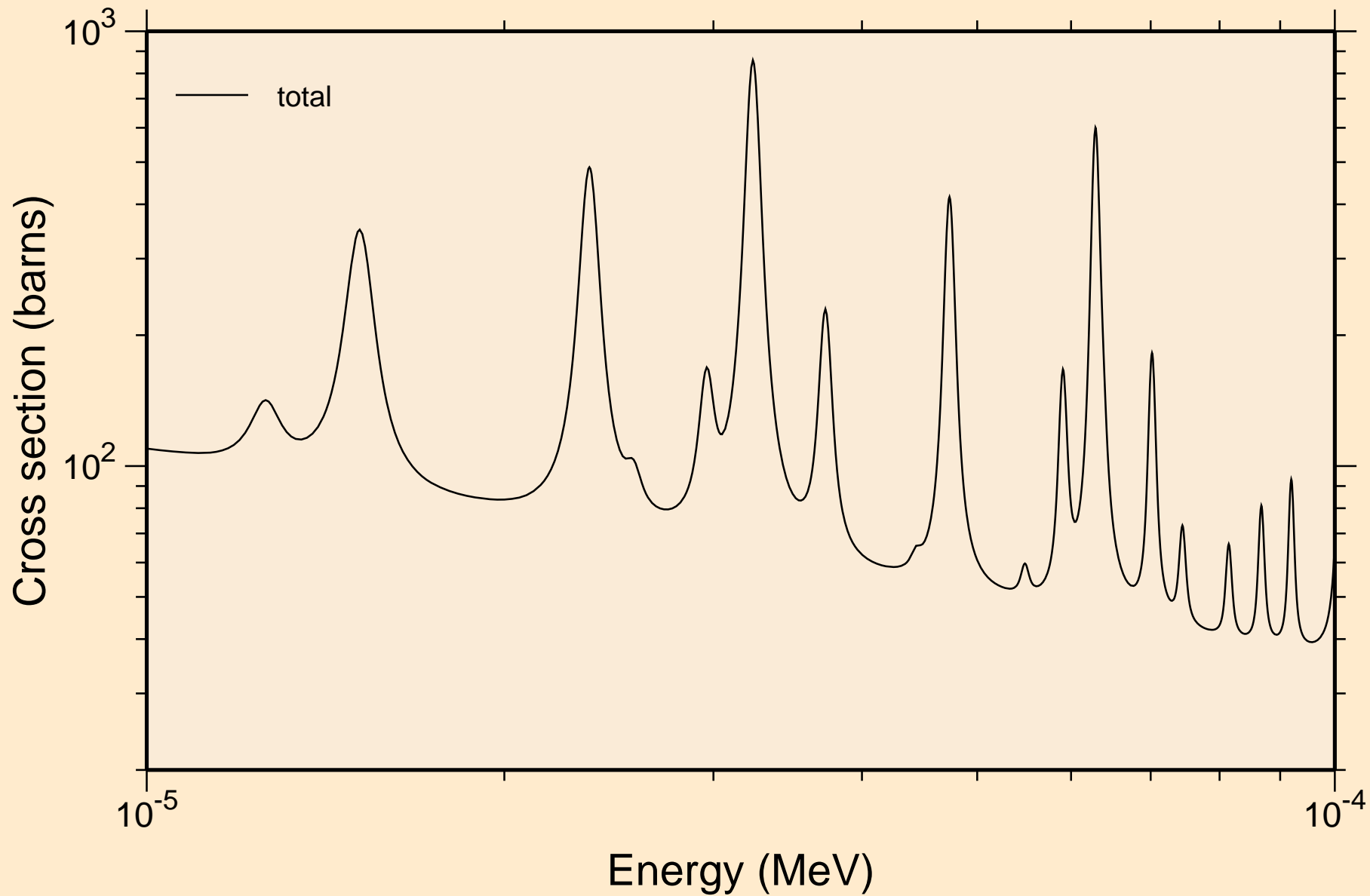


# RB078M NRG TENDL-2015, AKONING

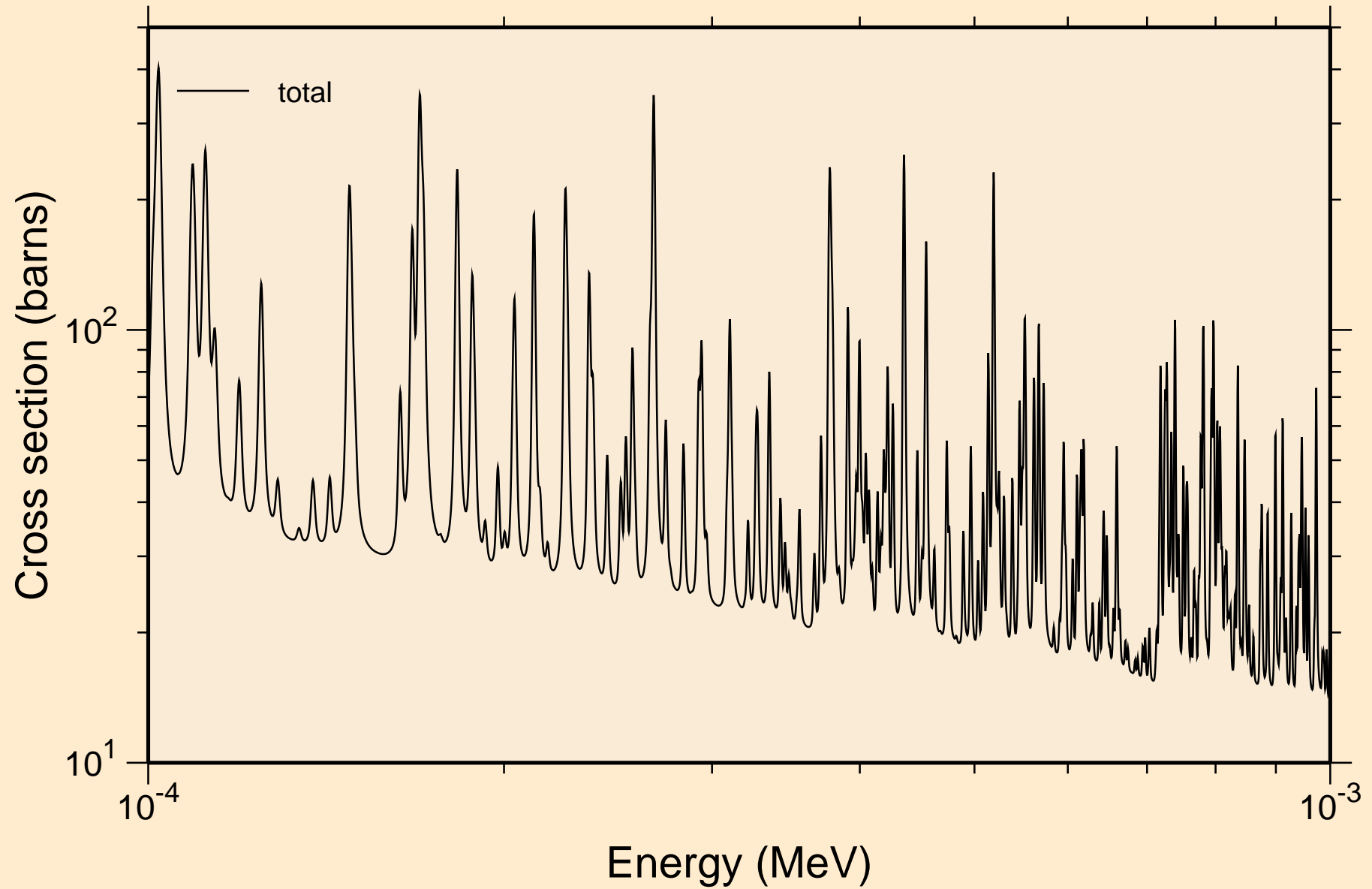
## Principal cross sections



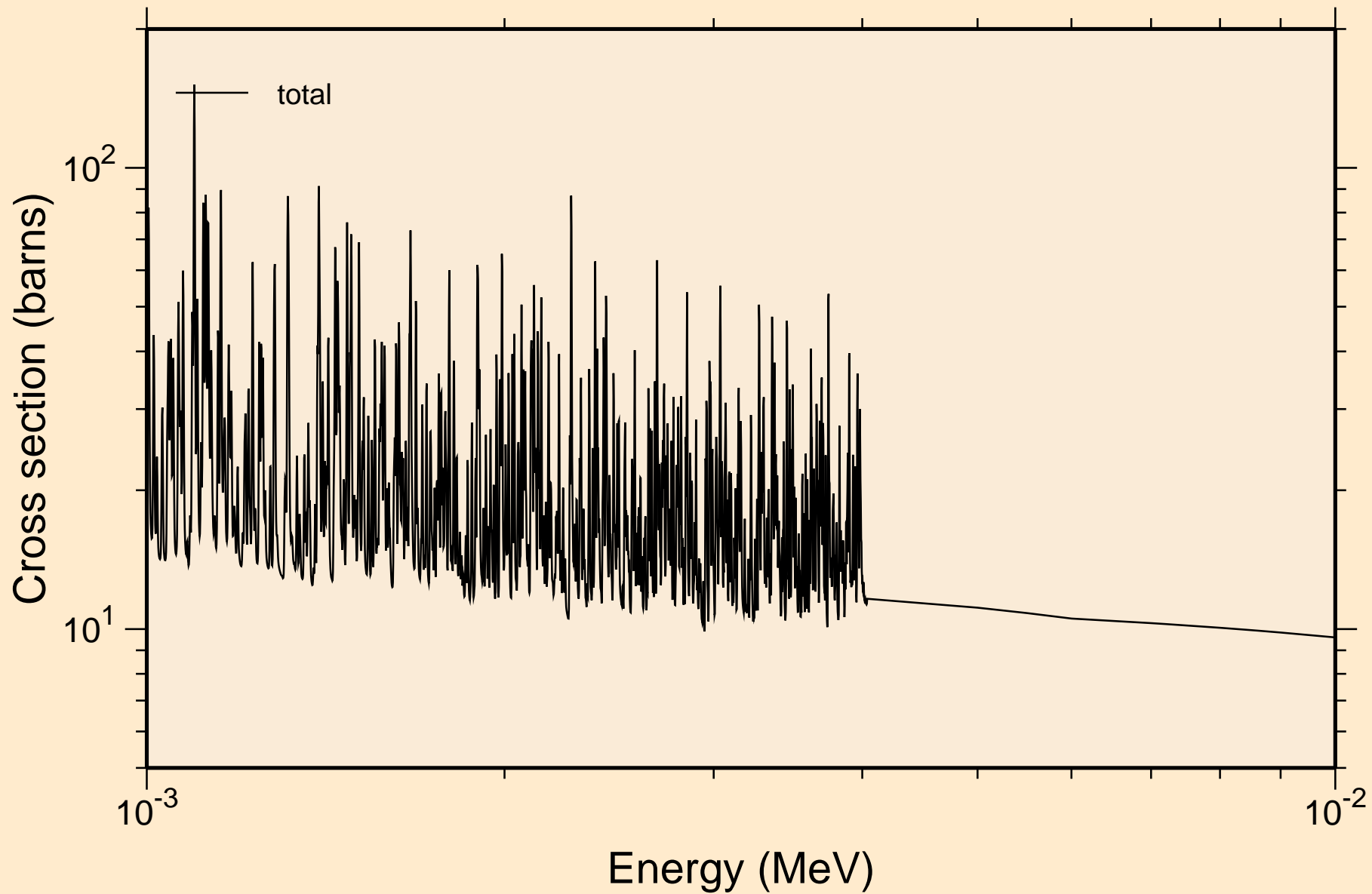
RB078M NRG TENDL-2015, AKONING  
resonance total cross section



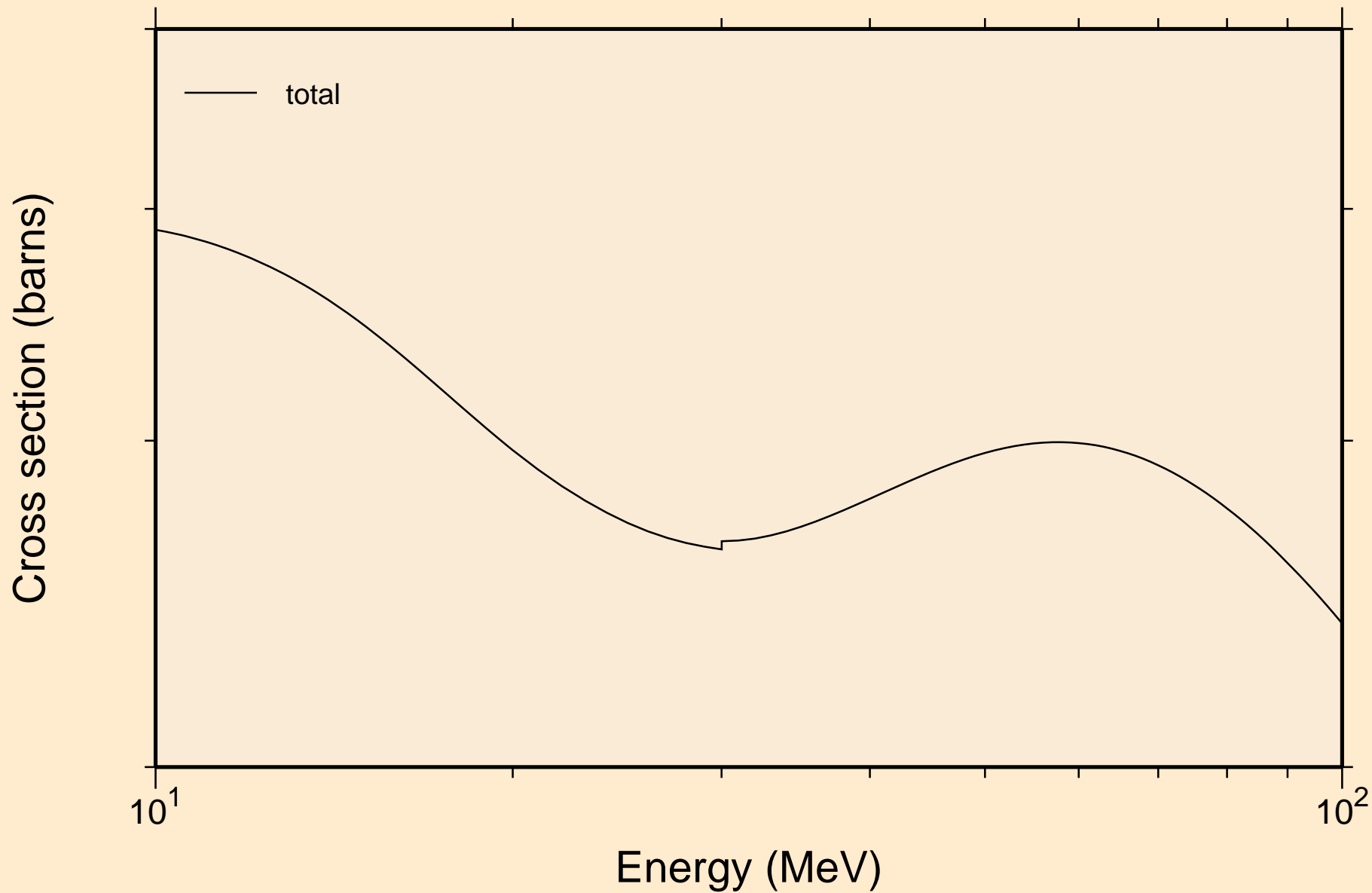
RB078M NRG TENDL-2015, AKONING  
resonance total cross section



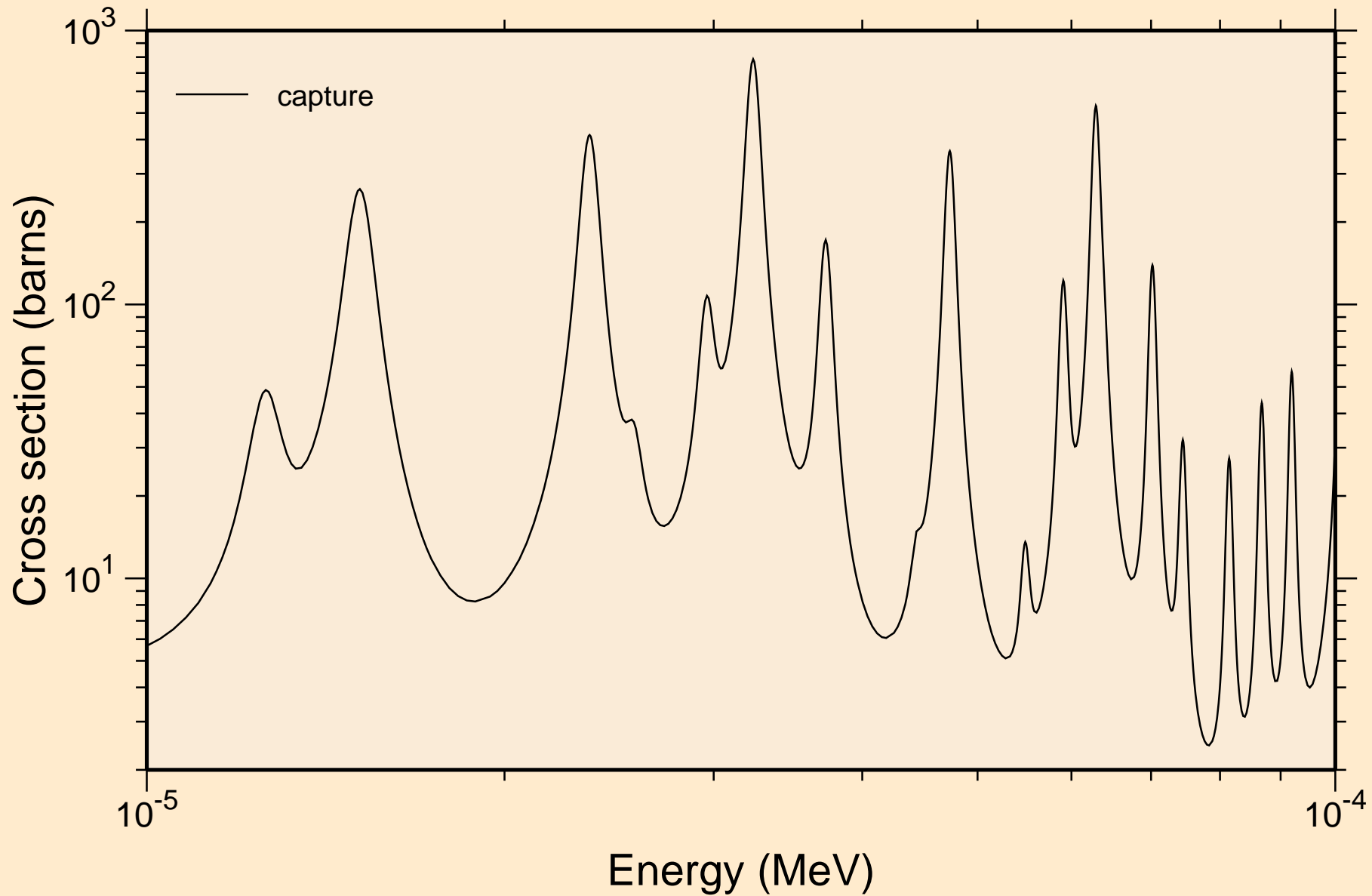
RB078M NRG TENDL-2015, AKONING  
resonance total cross section



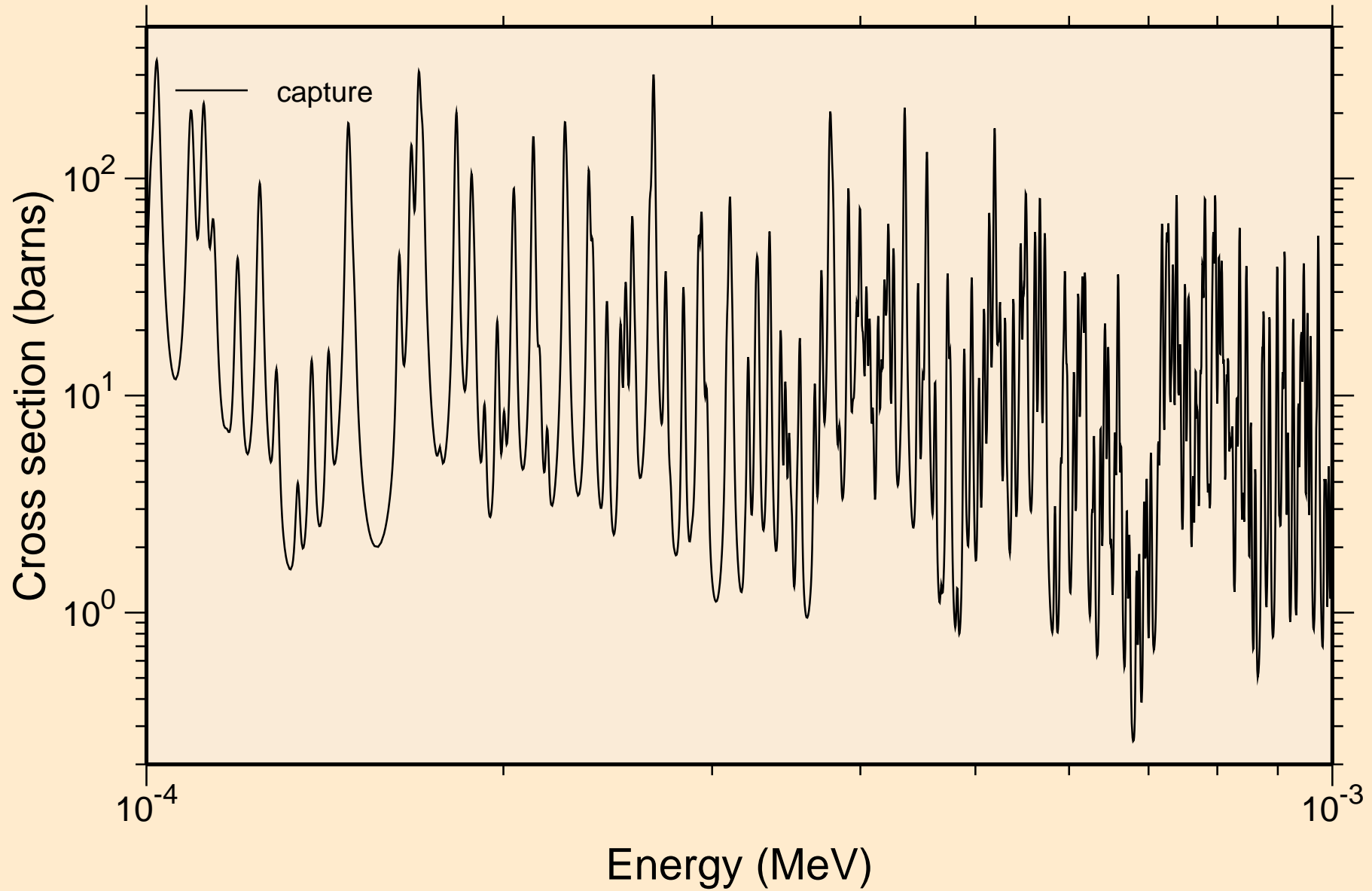
R̄B078M NRG TENDL-2015, AKONING  
resonance total cross section



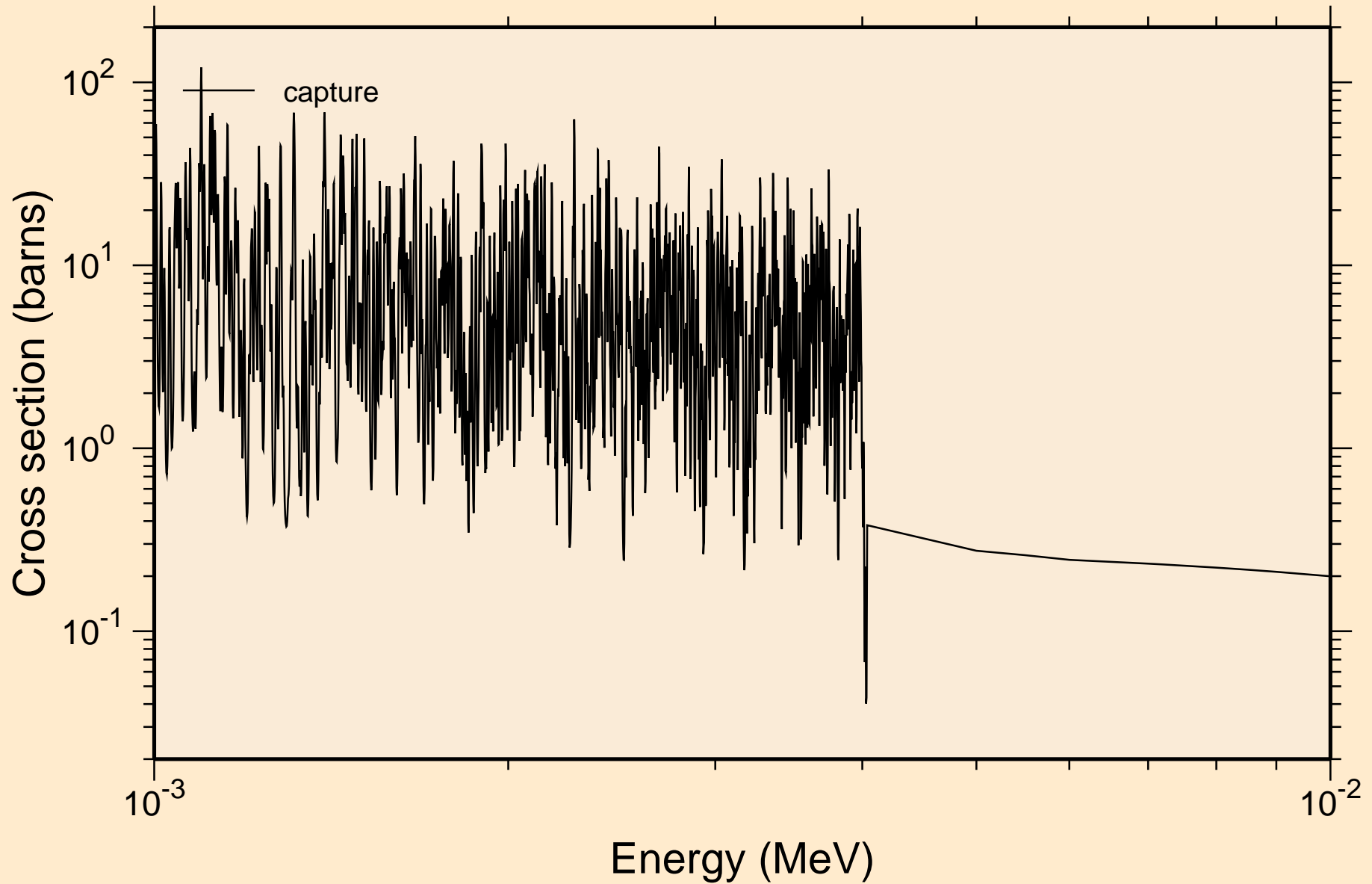
RB078M NRG TENDL-2015, AKONING  
resonance absorption cross sections



RB078M NRG TENDL-2015, AKONING  
resonance absorption cross sections

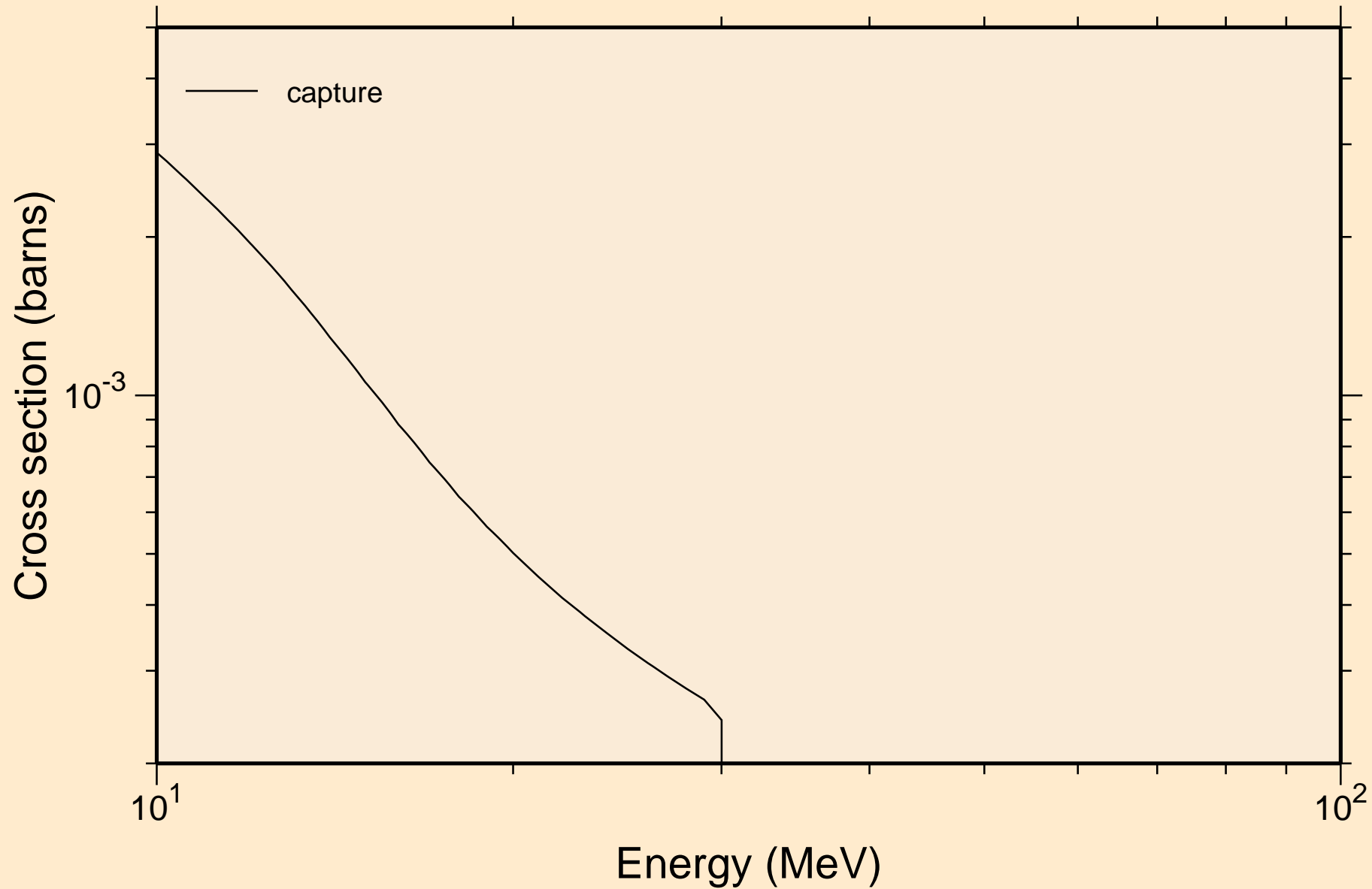


RB078M NRG TENDL-2015, AKONING  
resonance absorption cross sections

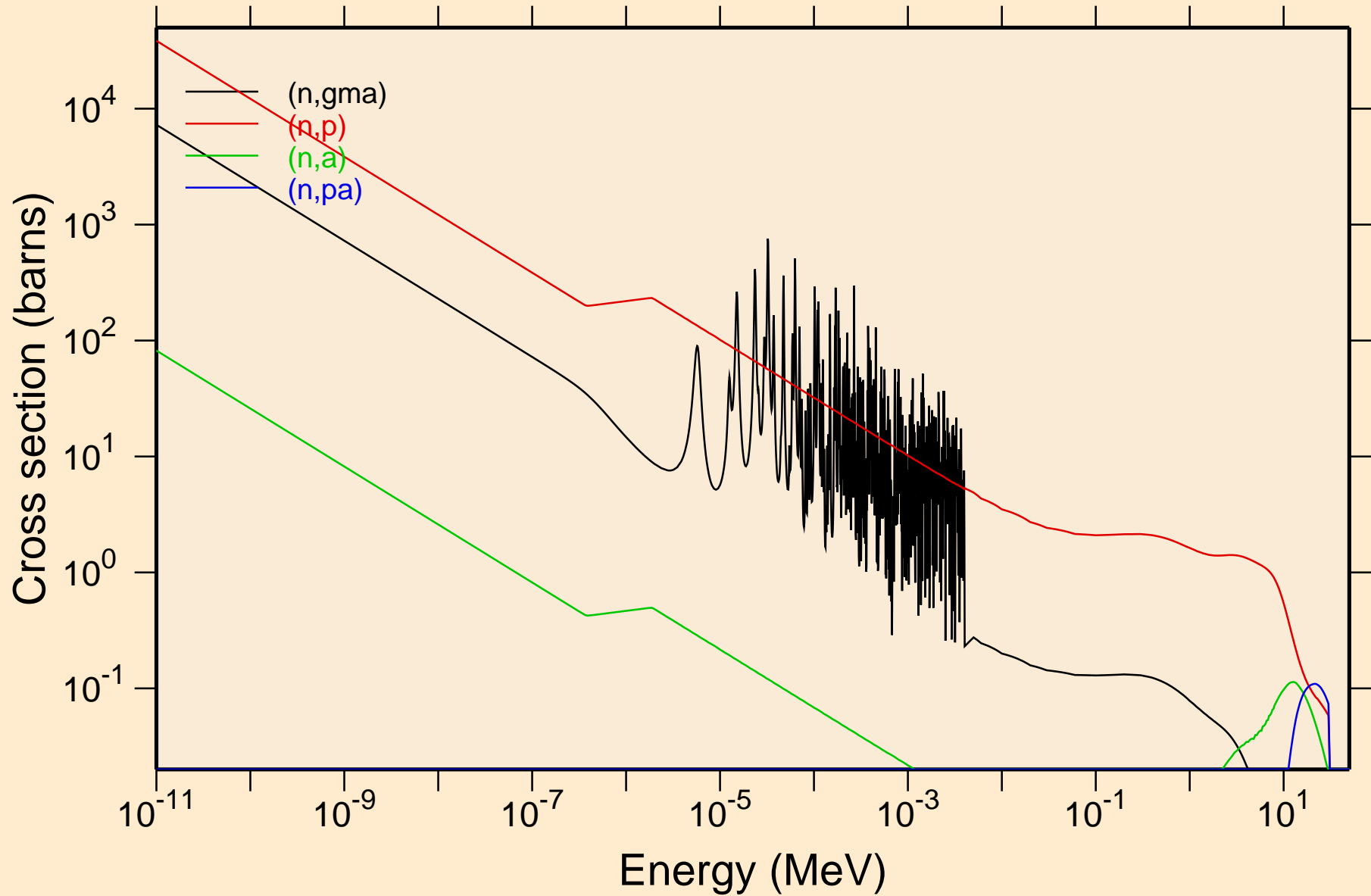




RB078M NRG TENDL-2015, AKONING  
resonance absorption cross sections

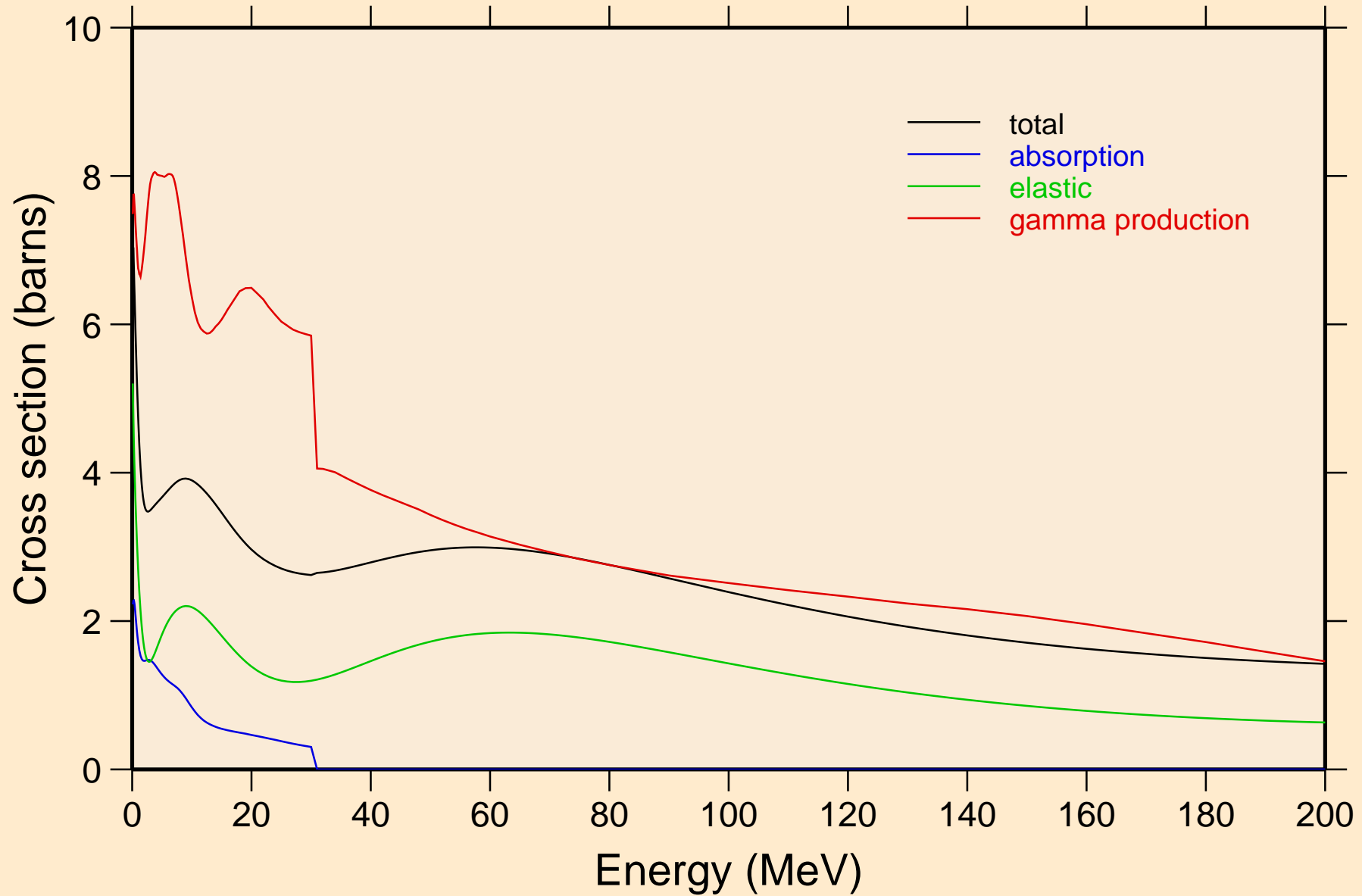


RB078M NRG TENDL-2015, AKONING  
Non-threshold reactions



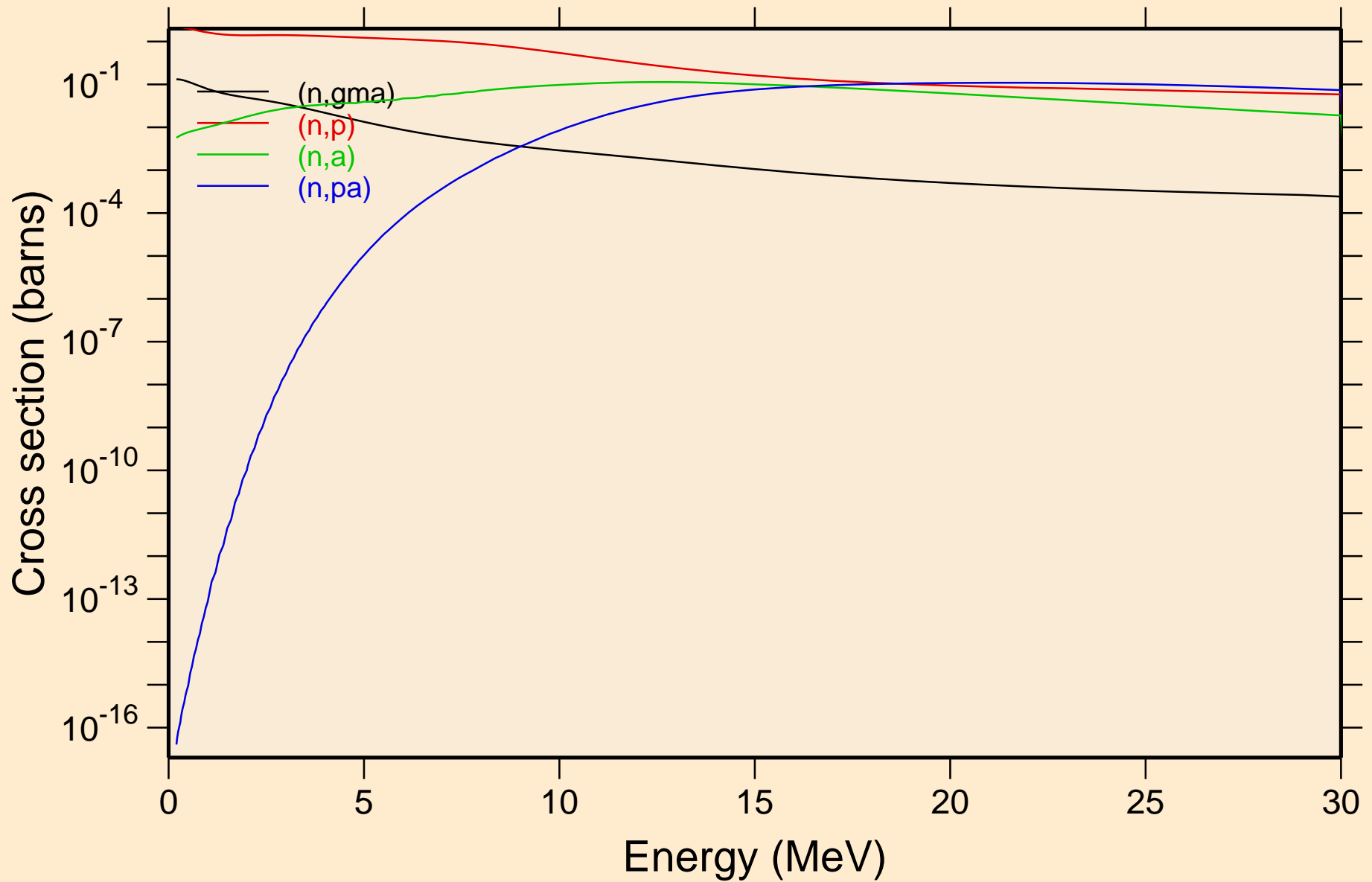
# RB078M NRG TENDL-2015, AKONING

## Principal cross sections



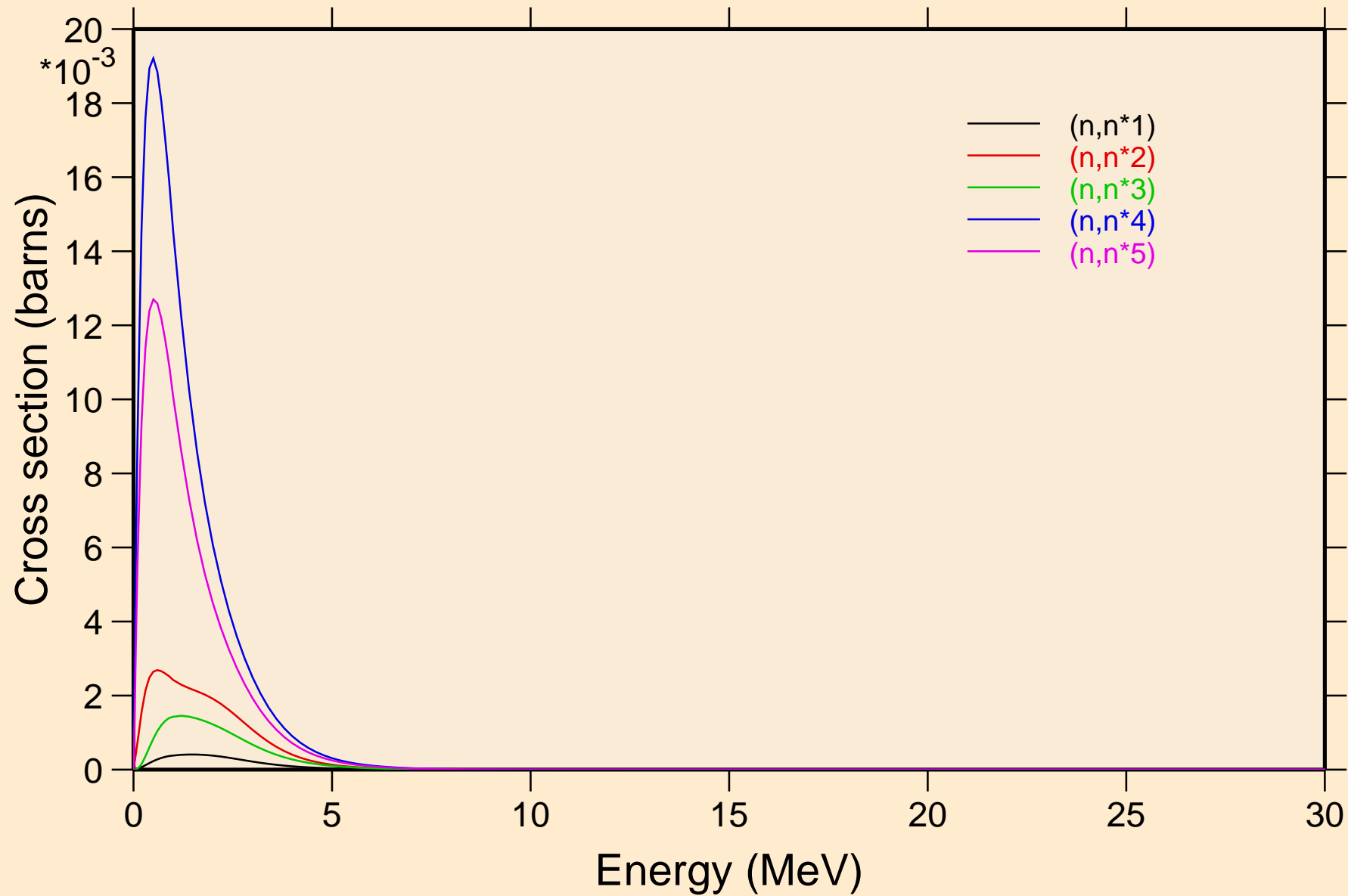
# RB078M NRG TENDL-2015, AKONING

## Non-threshold reactions

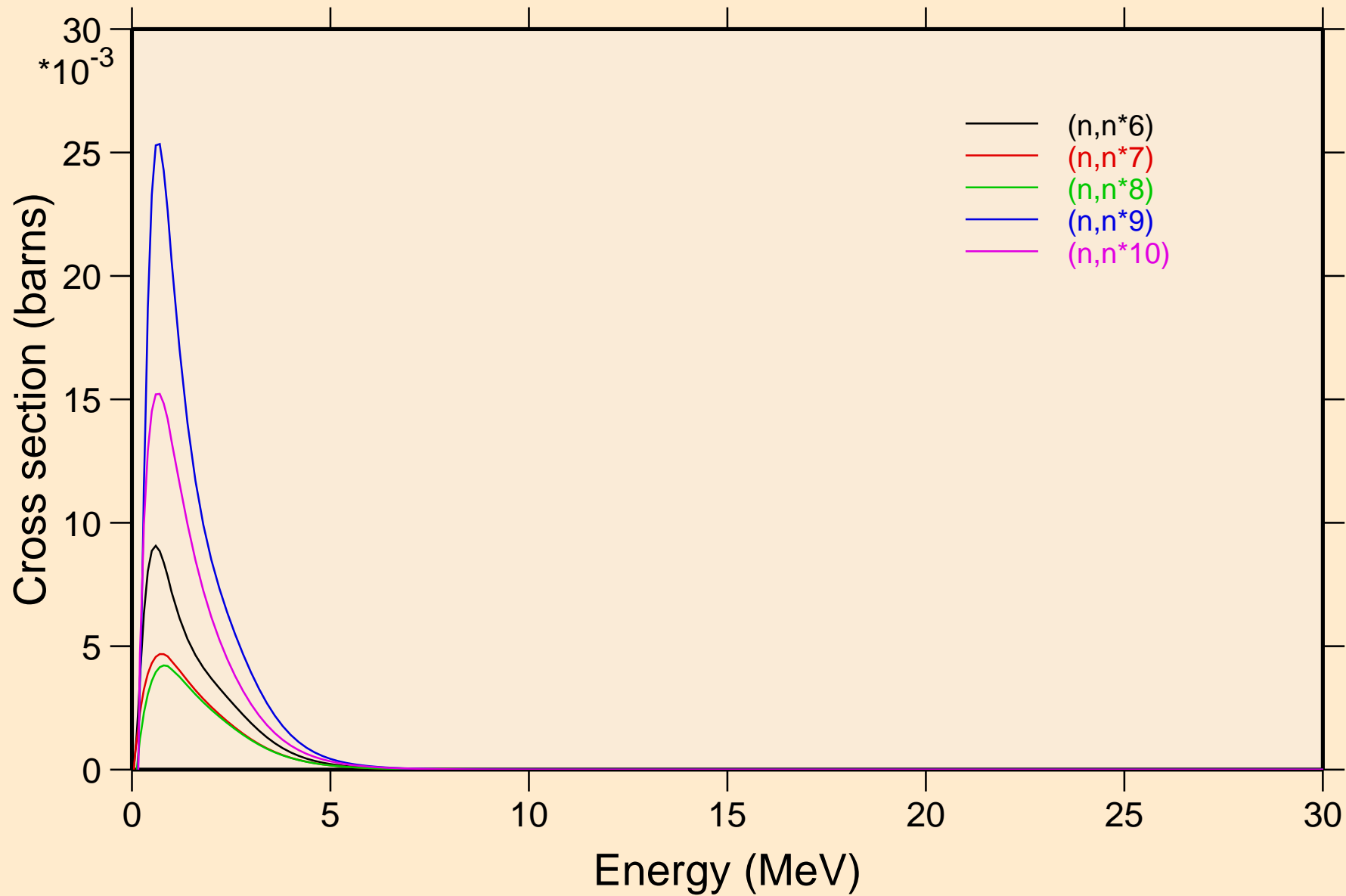


# RB078M NRG TENDL-2015, AKONING

## Inelastic levels

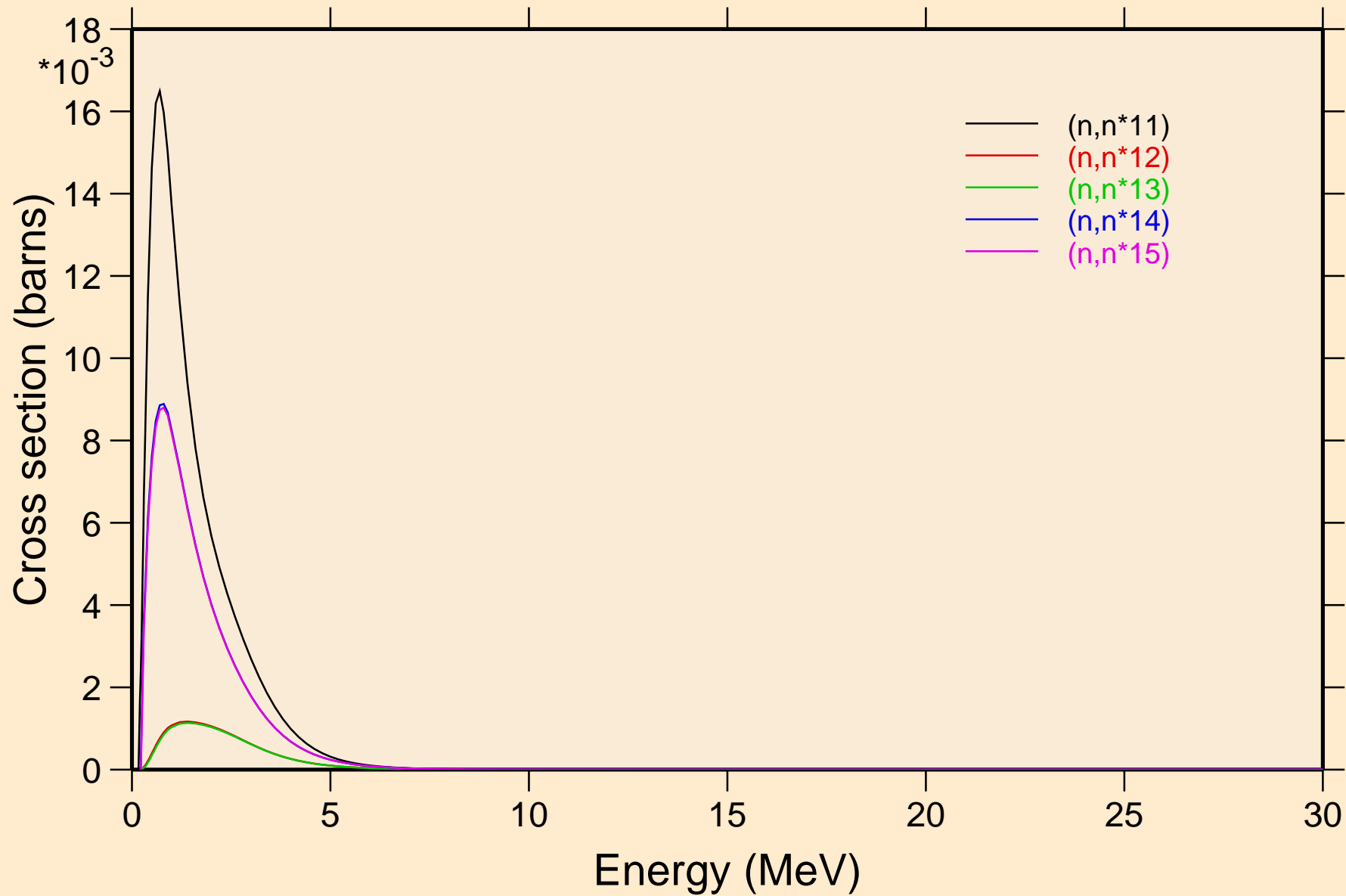


RB078M NRG TENDL-2015, AKONING  
Inelastic levels

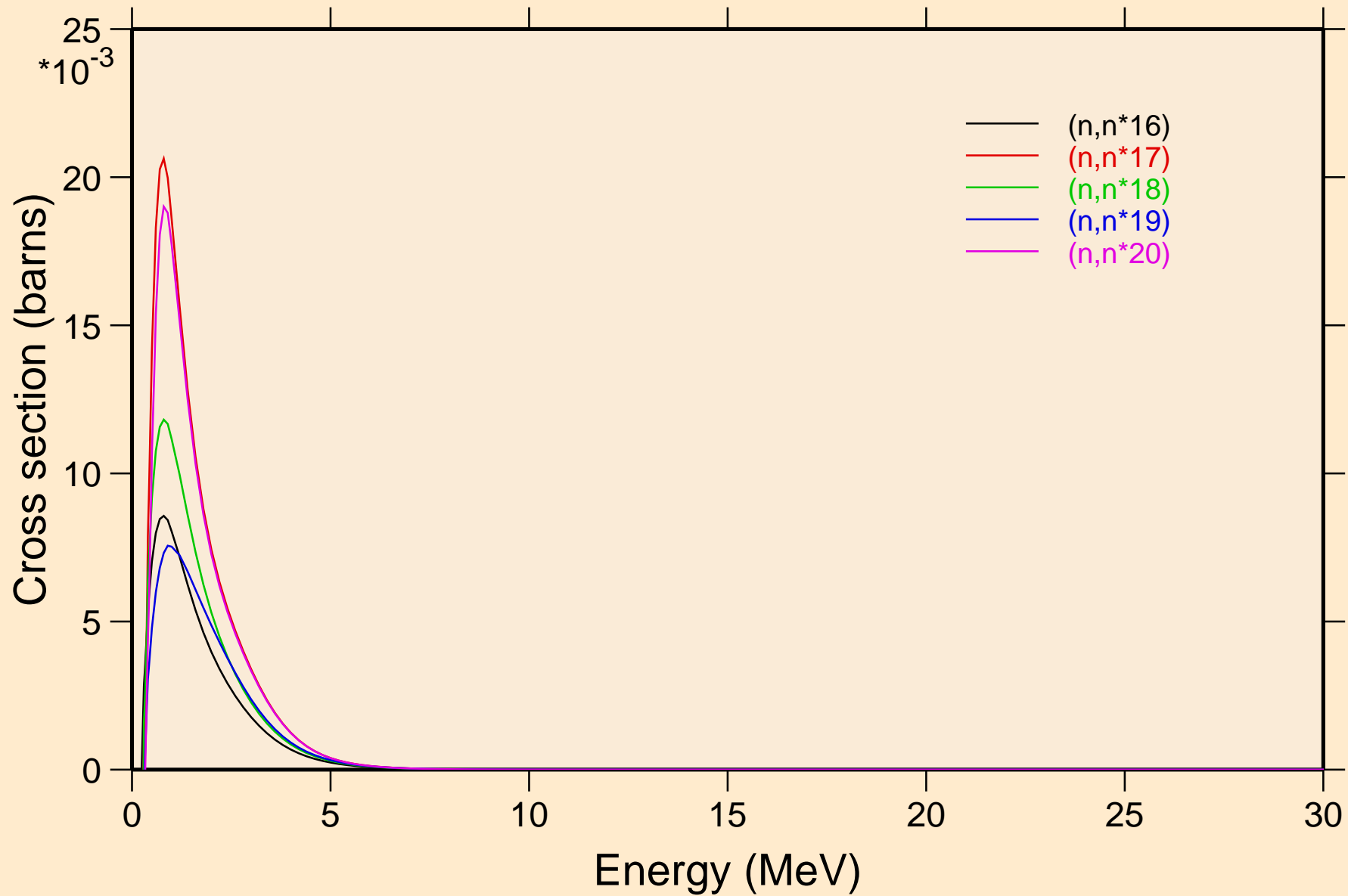


# RB078M NRG TENDL-2015, AKONING

## Inelastic levels



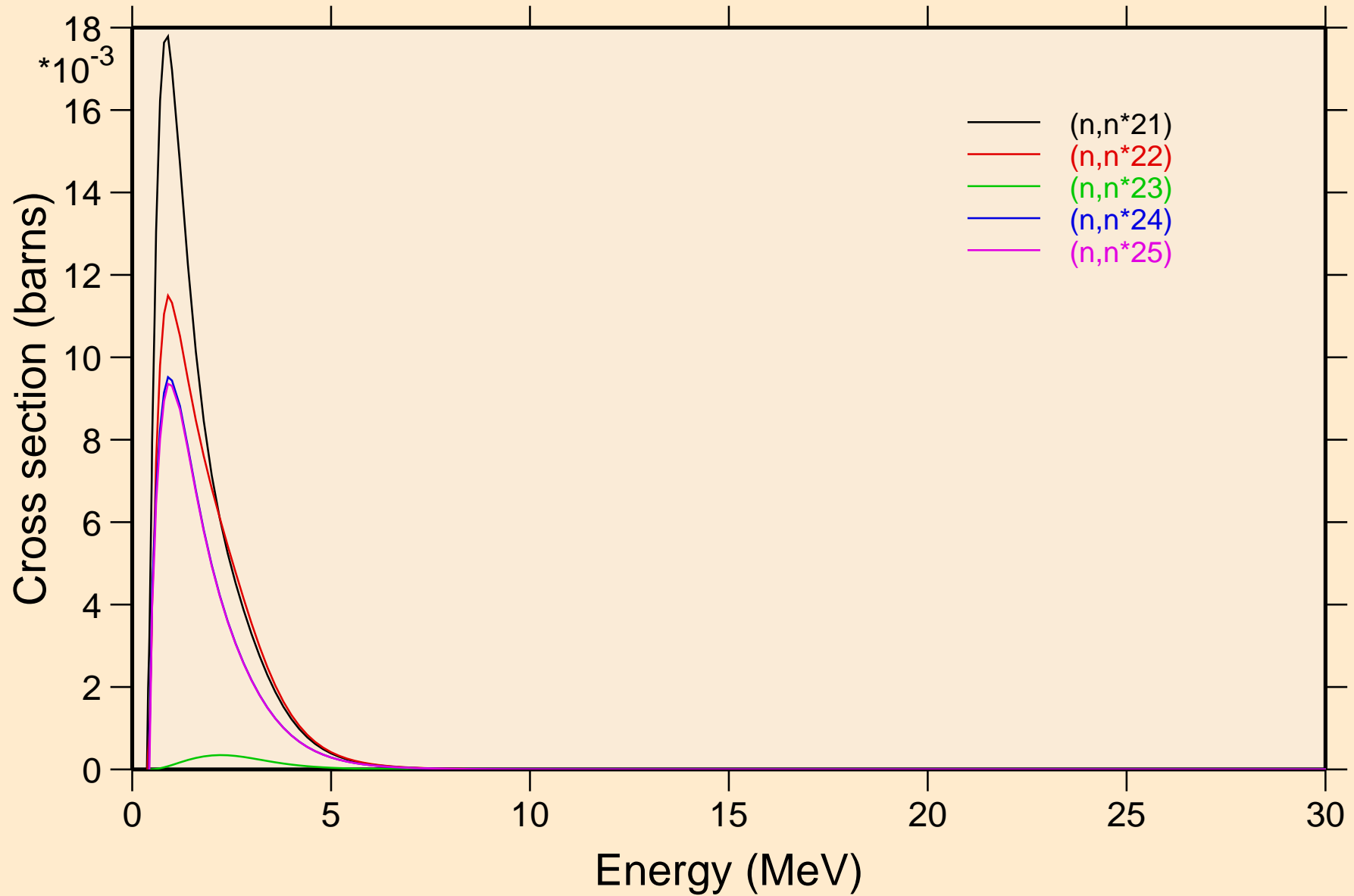
RB078M NRG TENDL-2015, AKONING  
Inelastic levels



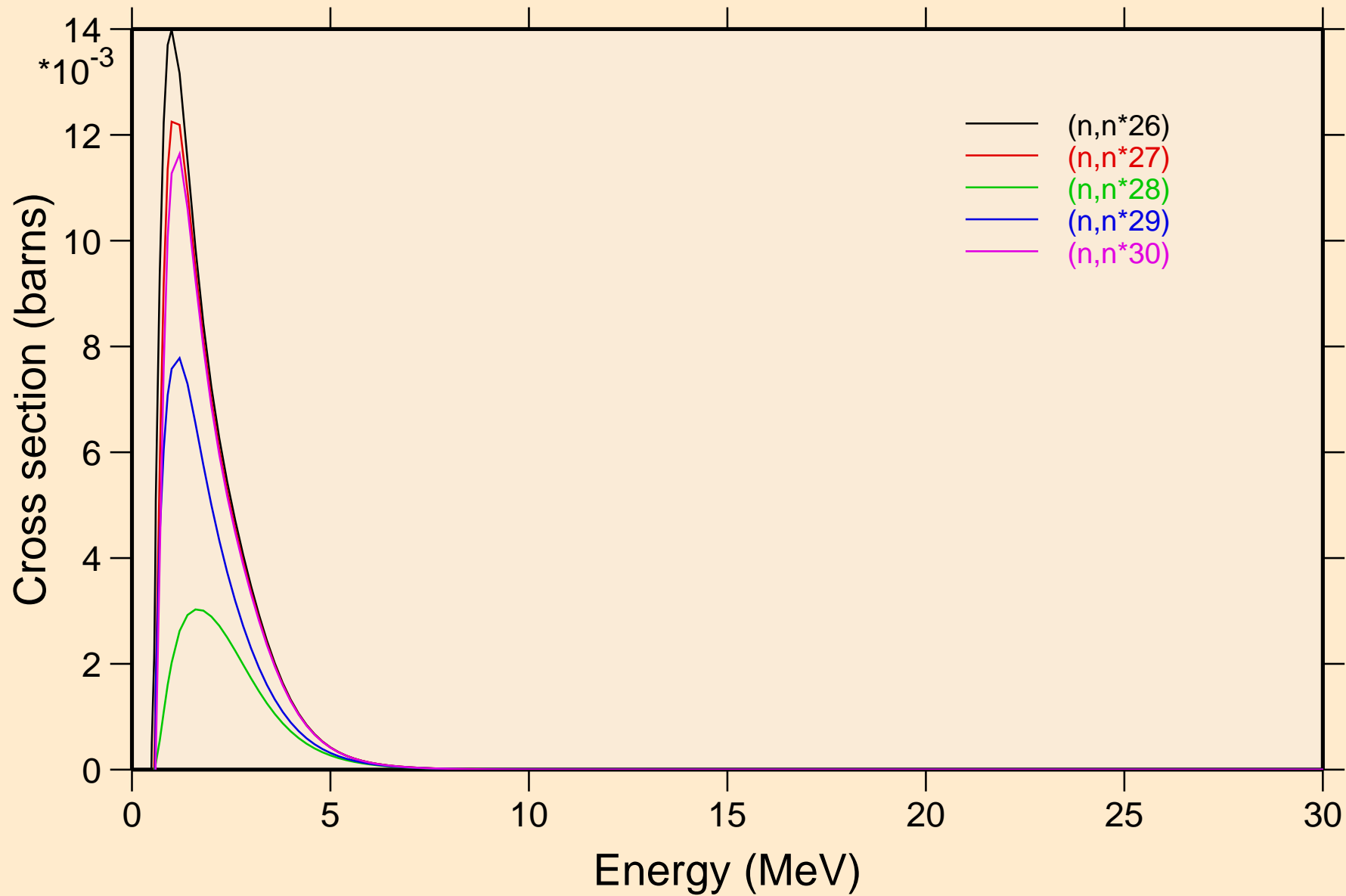


# RB078M NRG TENDL-2015, AKONING

## Inelastic levels

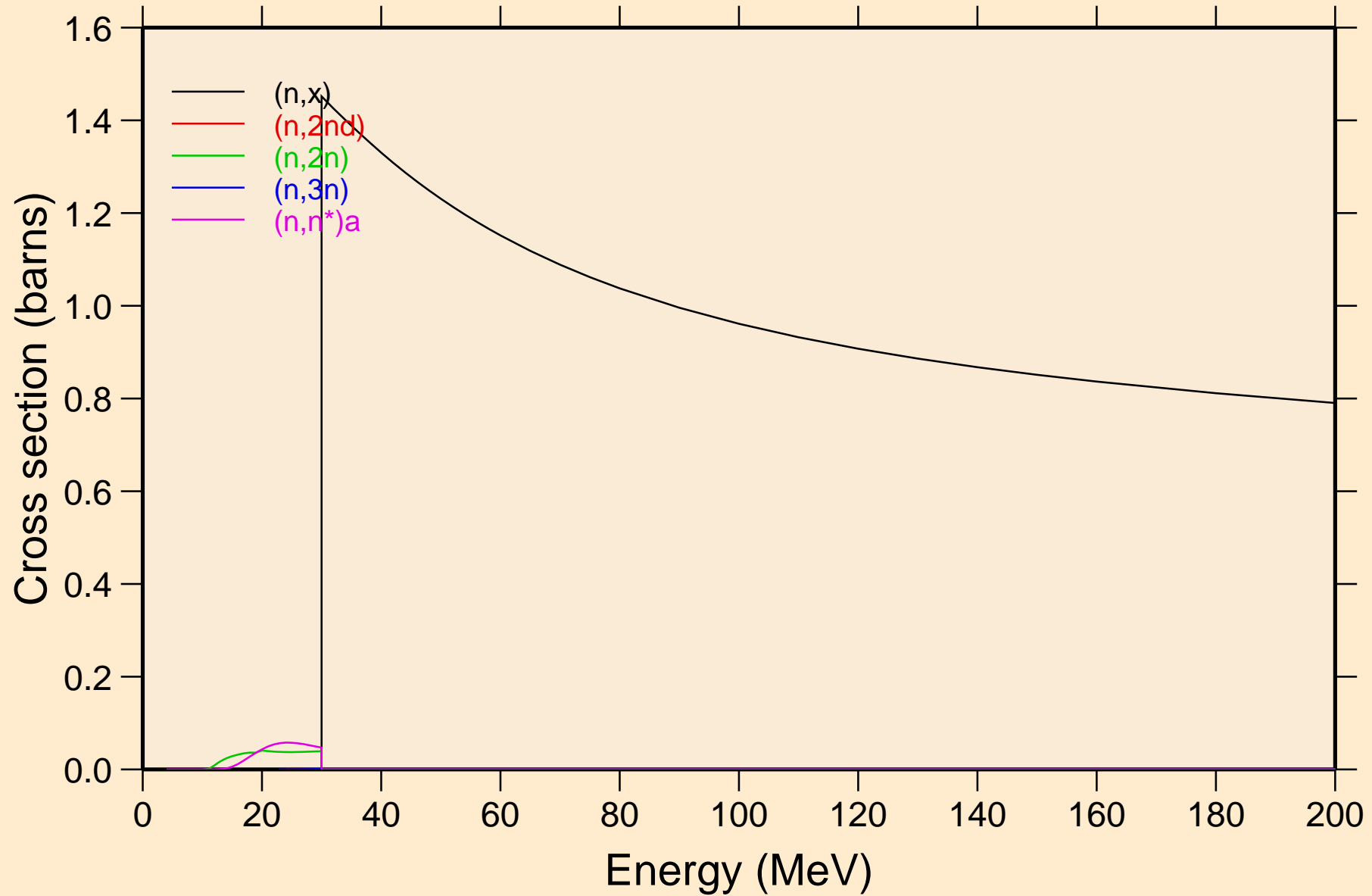


RB078M NRG TENDL-2015, AKONING  
Inelastic levels



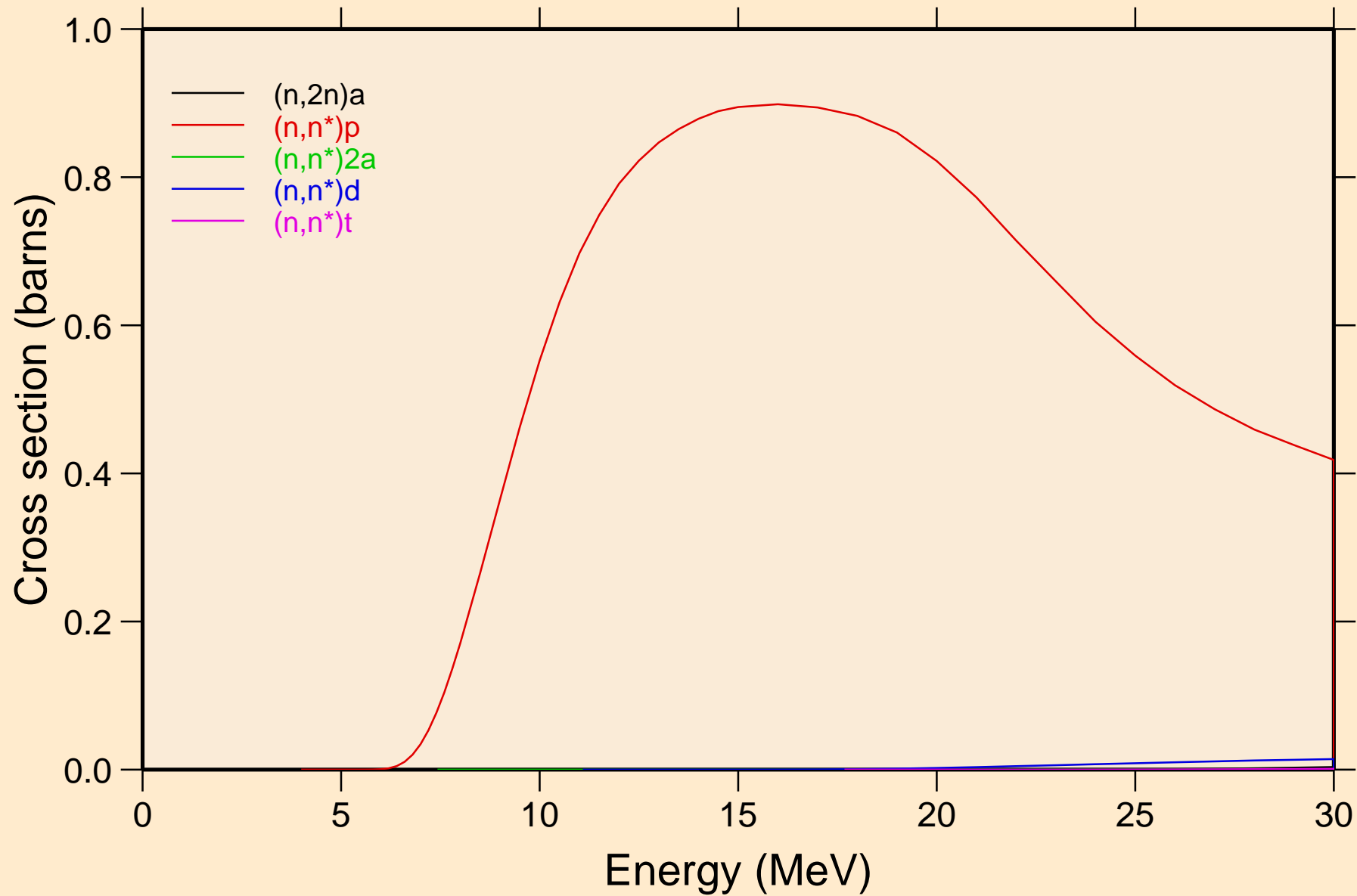
# RB078M NRG TENDL-2015, AKONING

## Threshold reactions



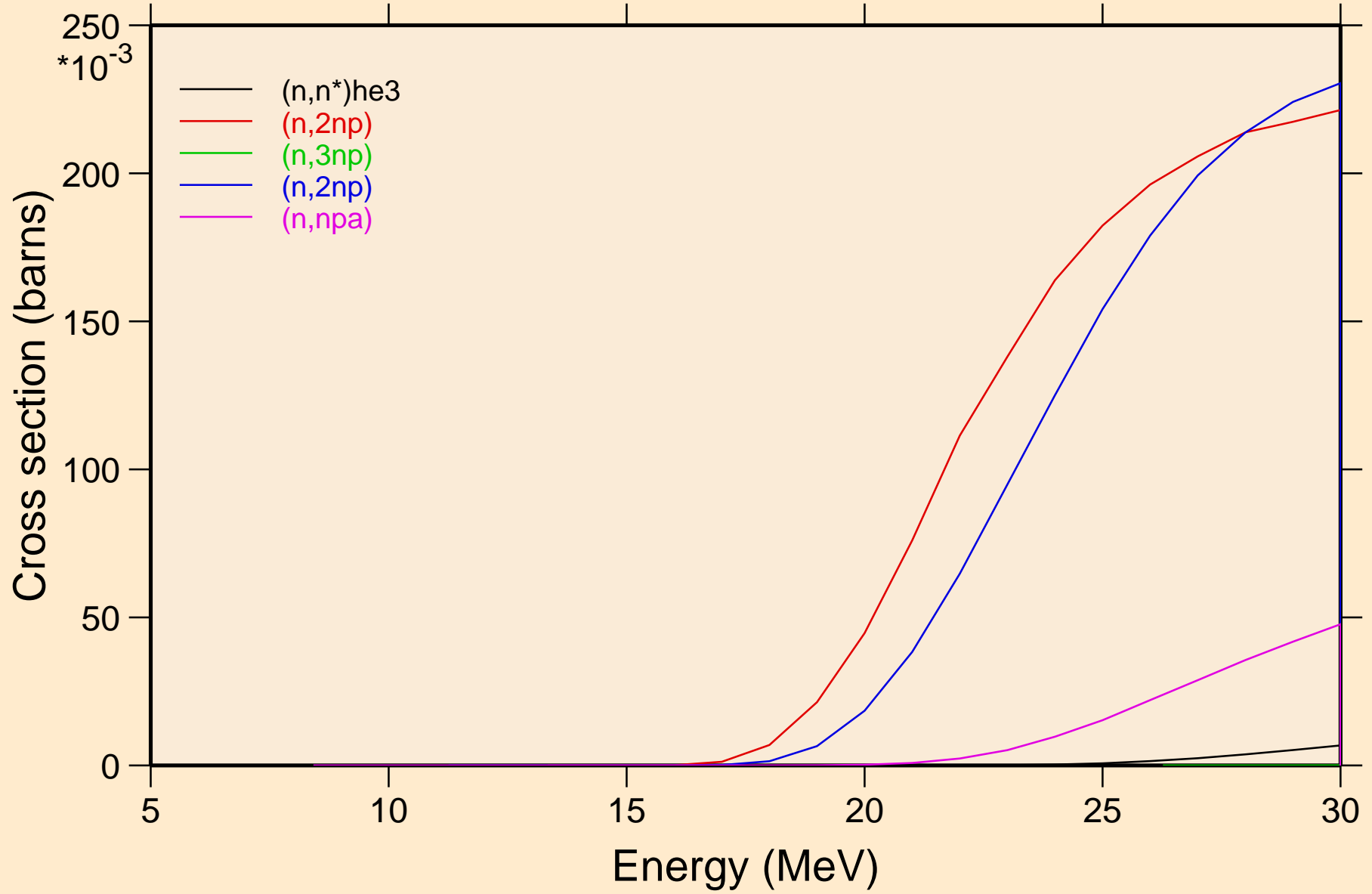
# RB078M NRG TENDL-2015, AKONING

## Threshold reactions



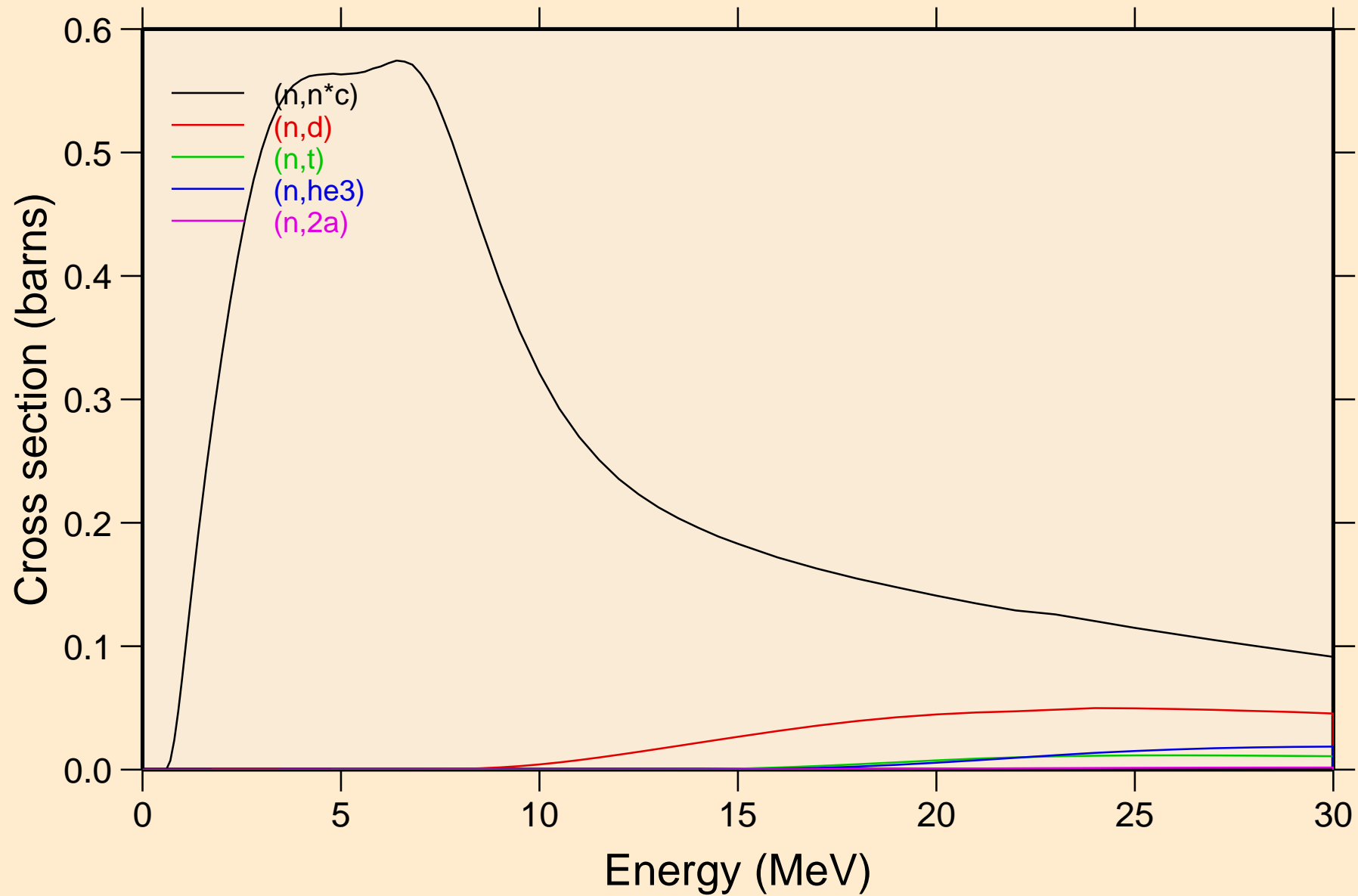
# RB078M NRG TENDL-2015, AKONING

## Threshold reactions



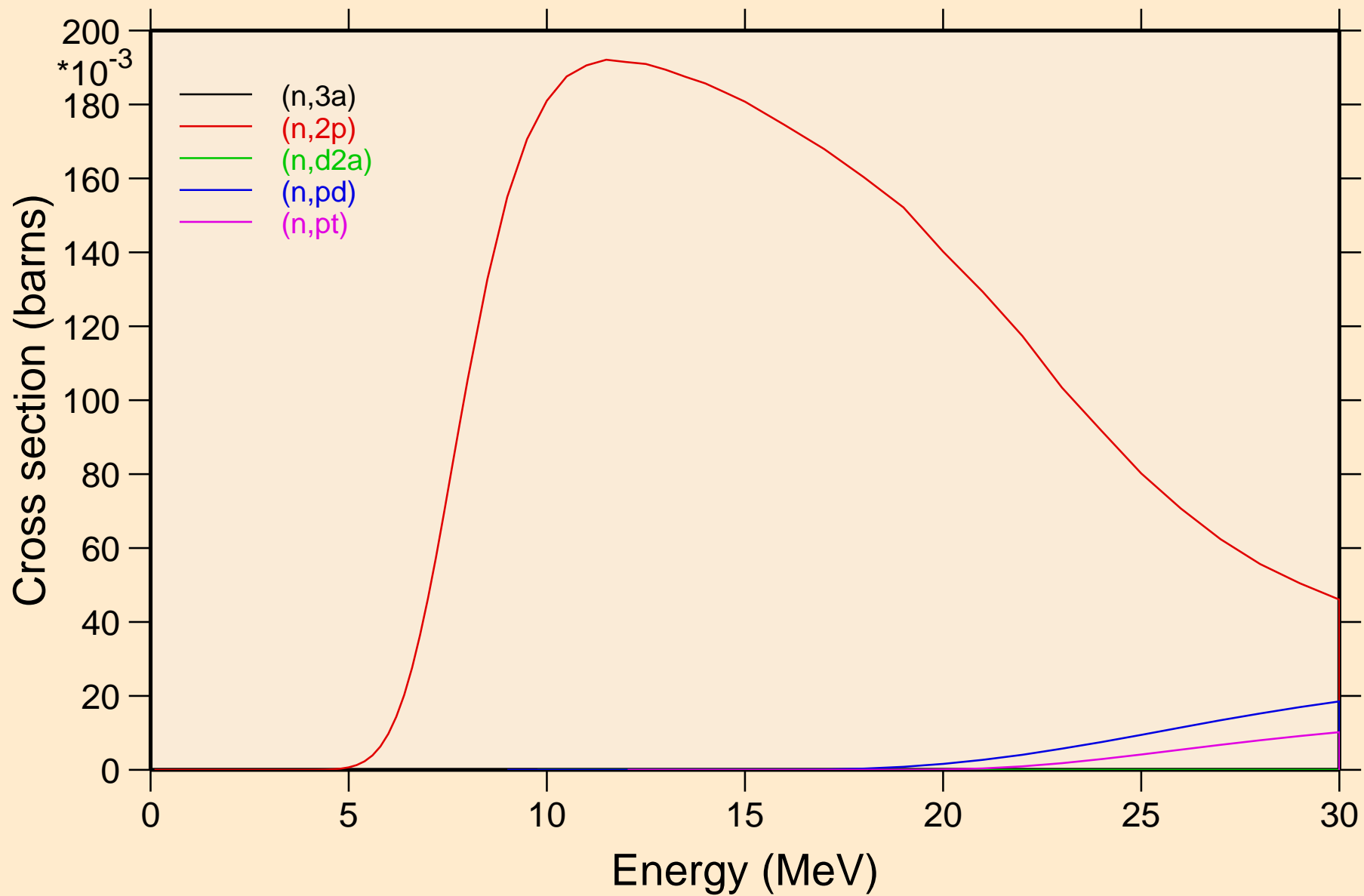
# RB078M NRG TENDL-2015, AKONING

## Threshold reactions



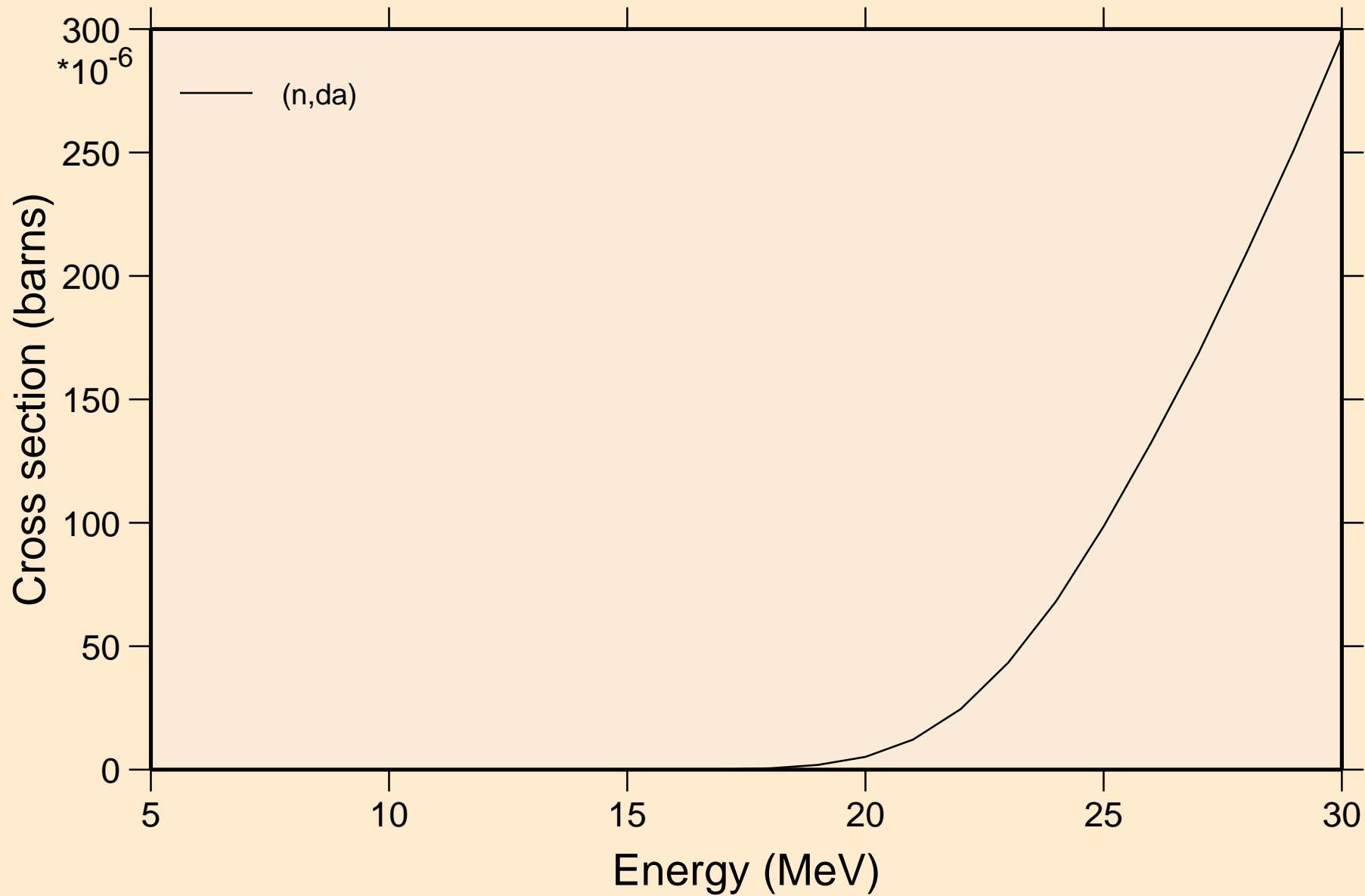
# RB078M NRG TENDL-2015, AKONING

## Threshold reactions



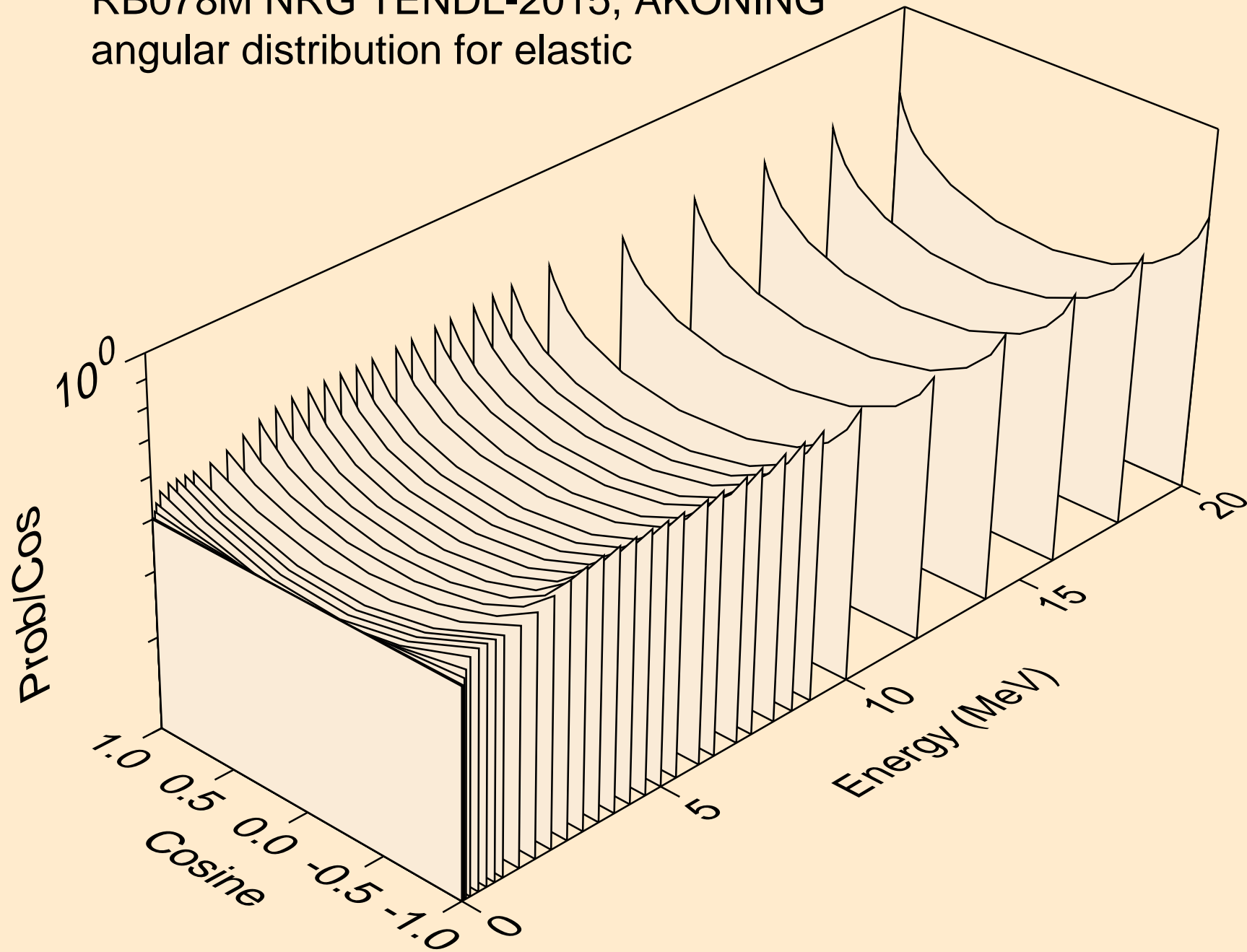
# RB078M NRG TENDL-2015, AKONING

## Threshold reactions

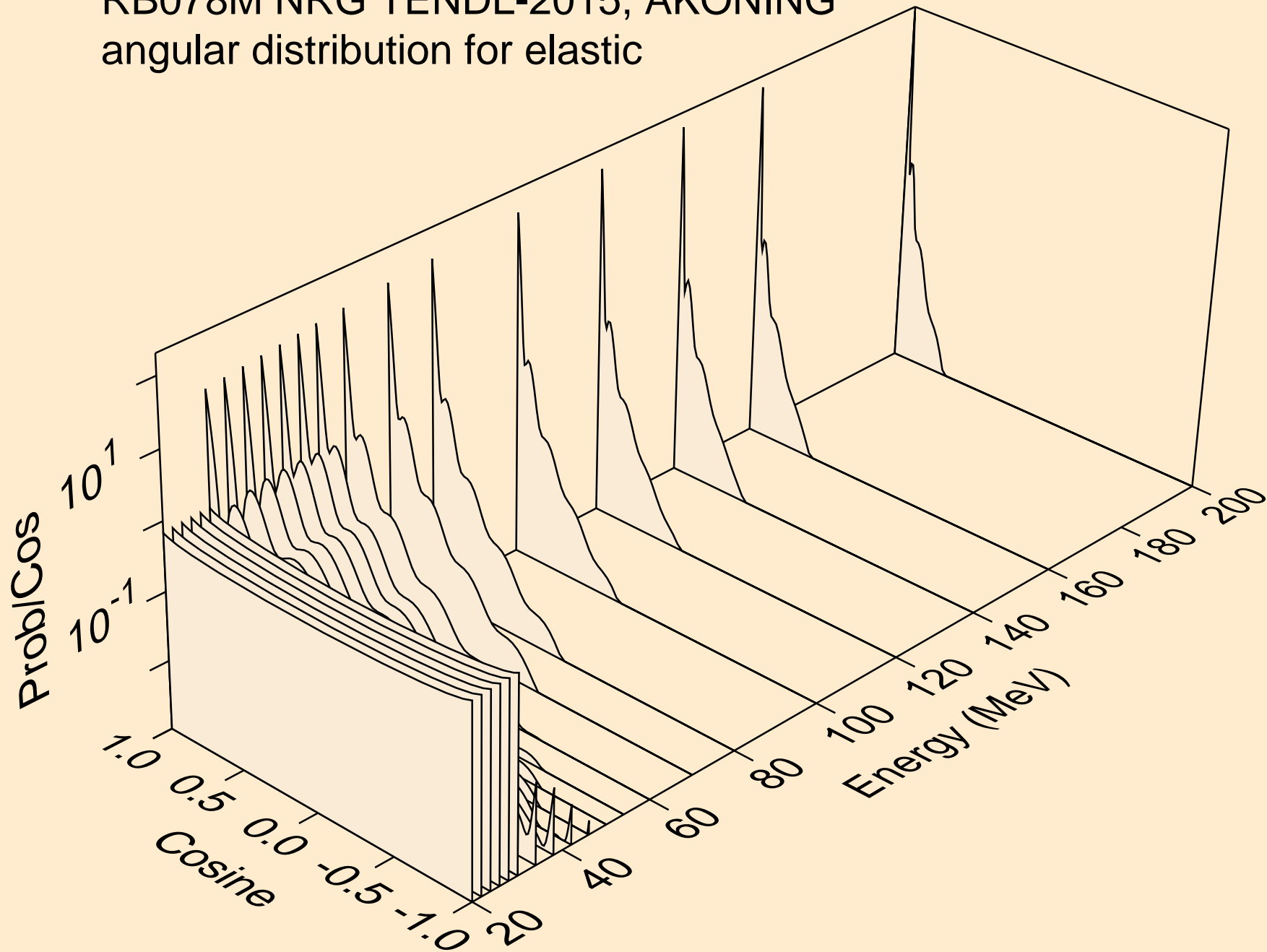




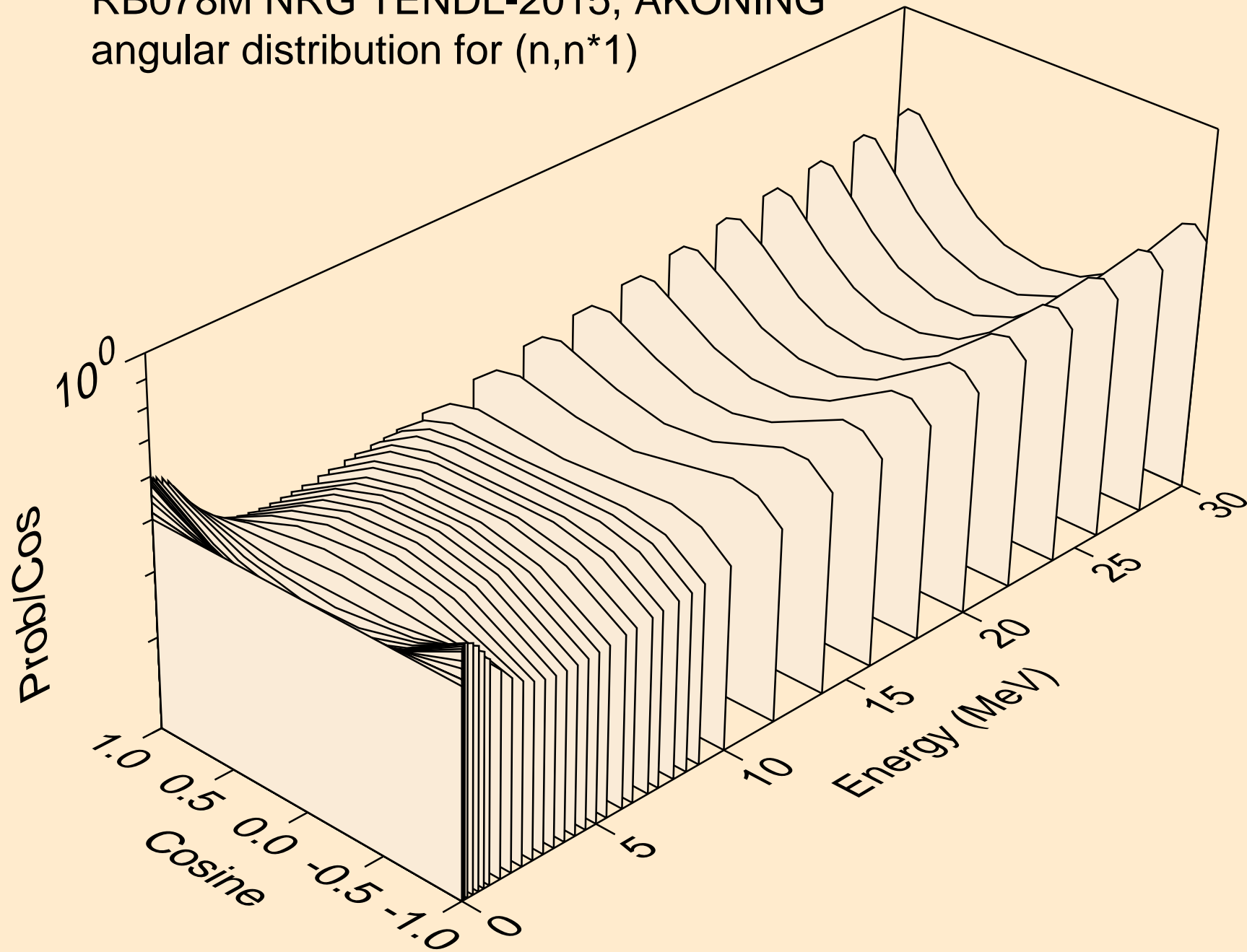
RB078M NRG TENDL-2015, AKONING  
angular distribution for elastic



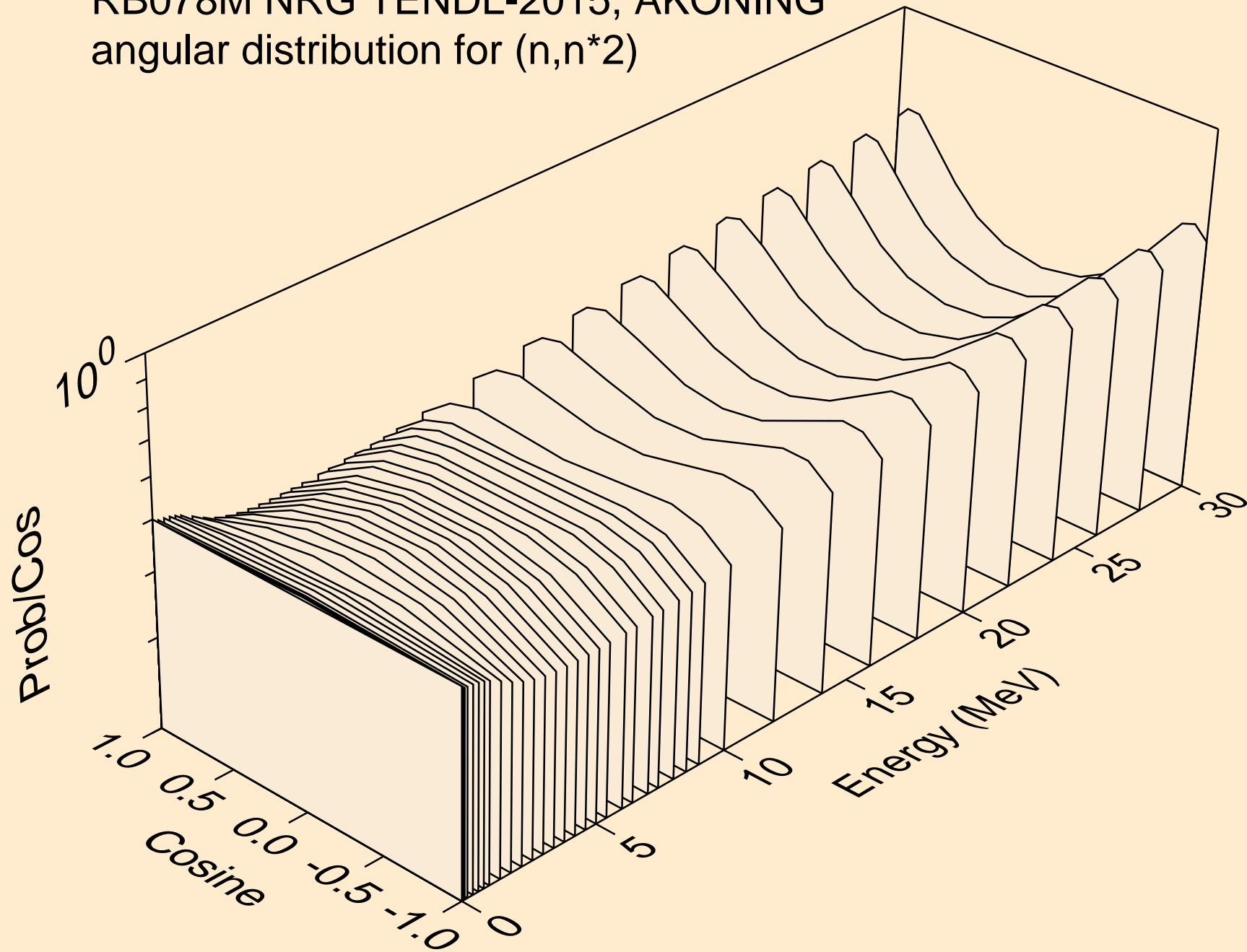
RB078M NRG TENDL-2015, AKONING  
angular distribution for elastic



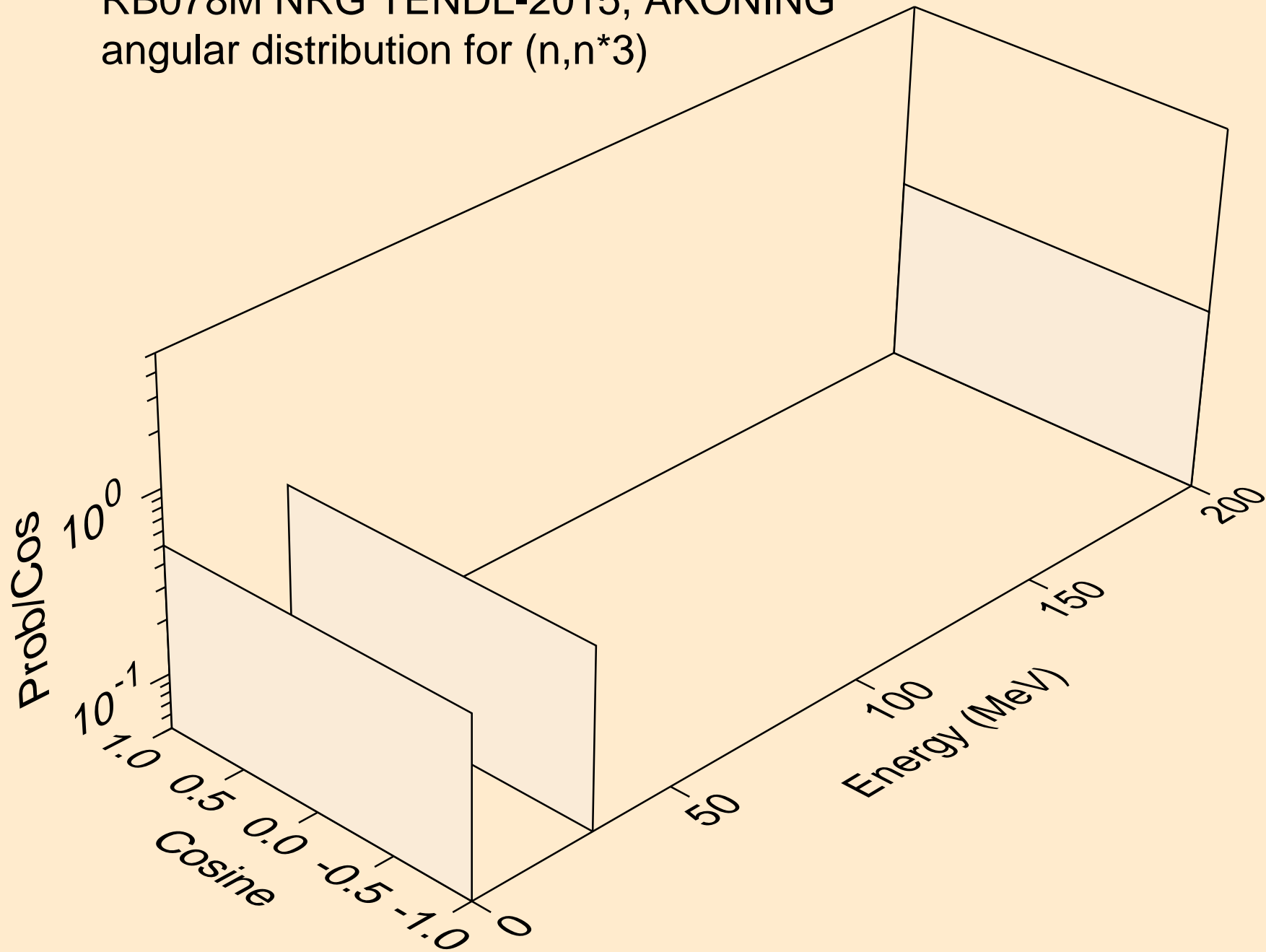
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



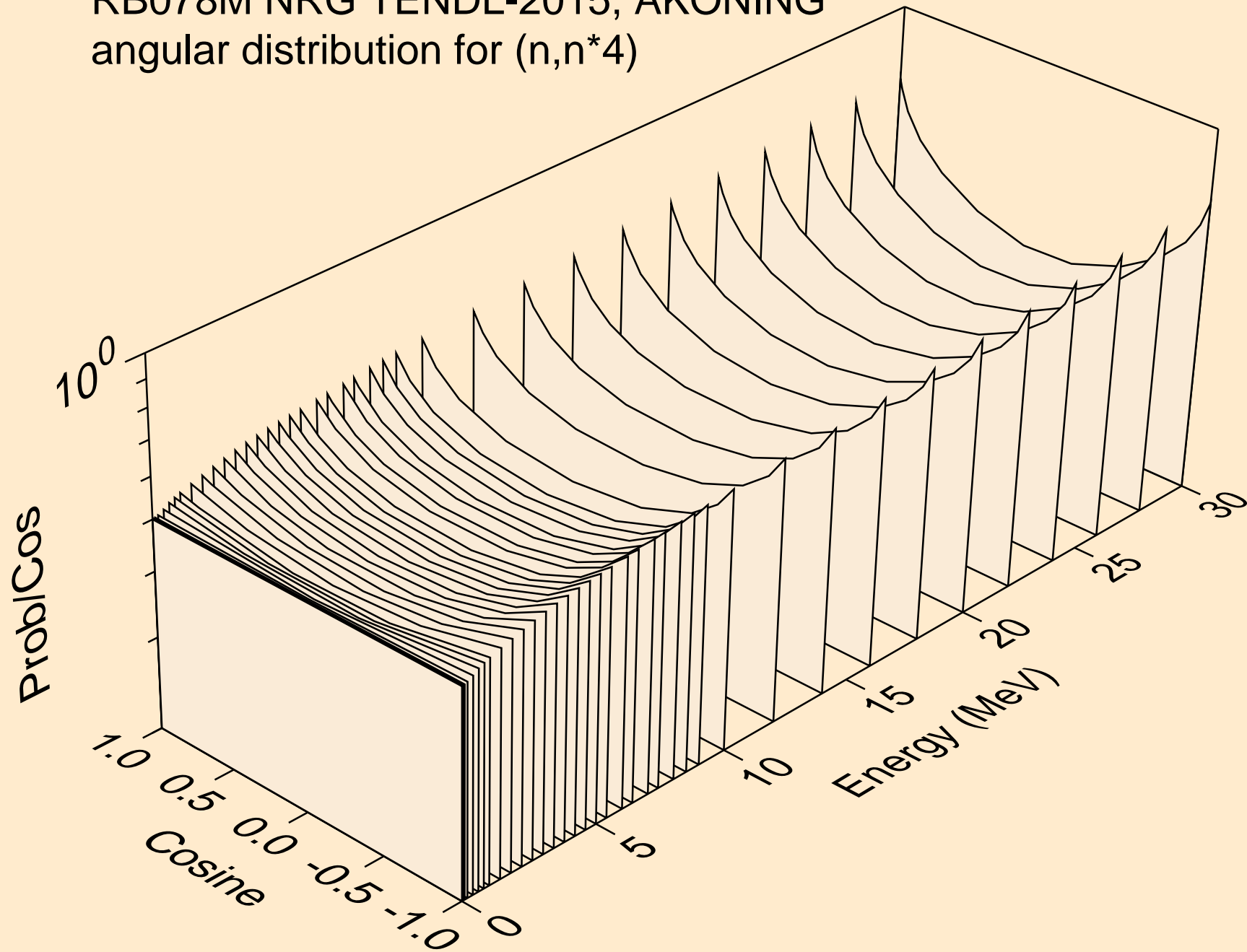
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



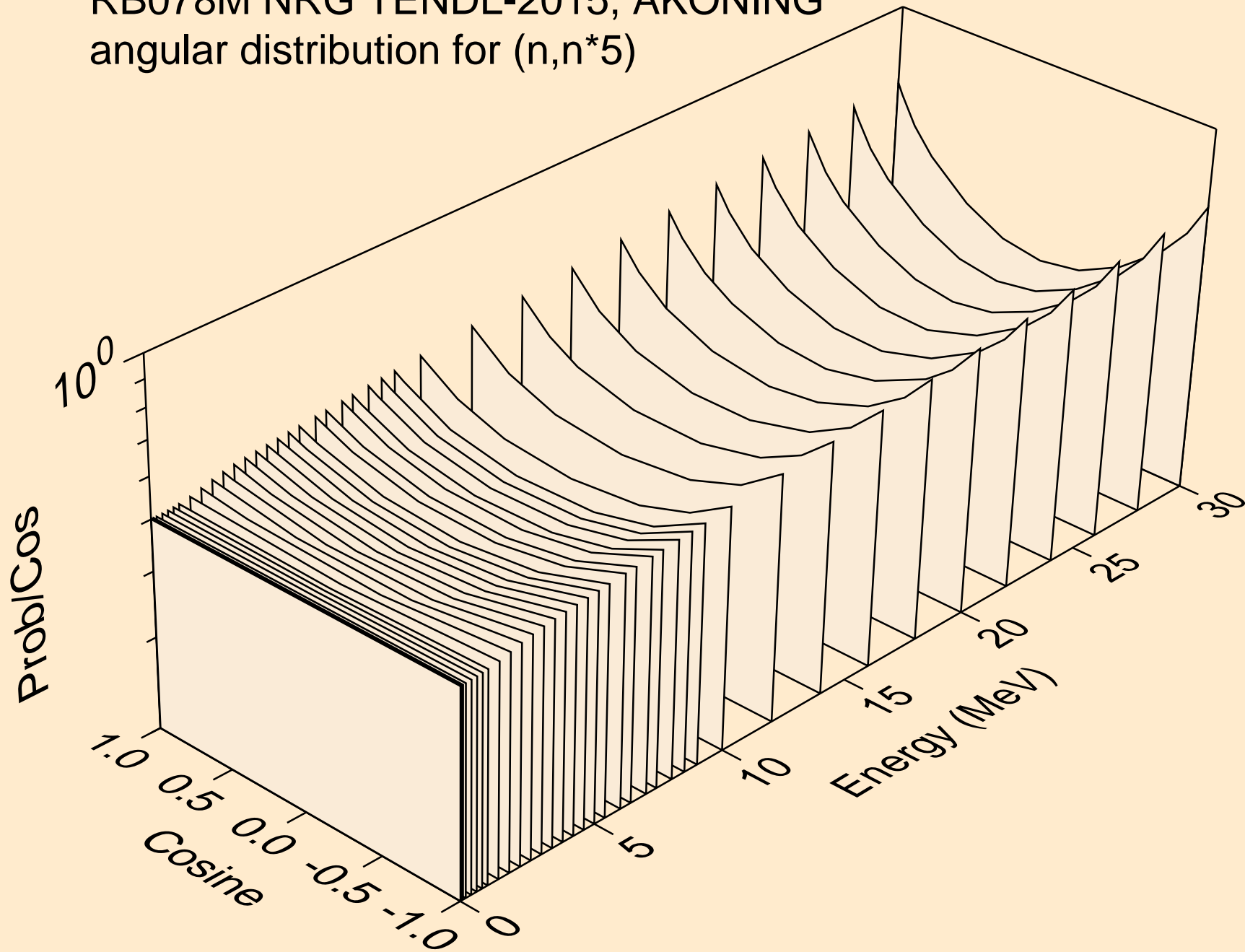
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



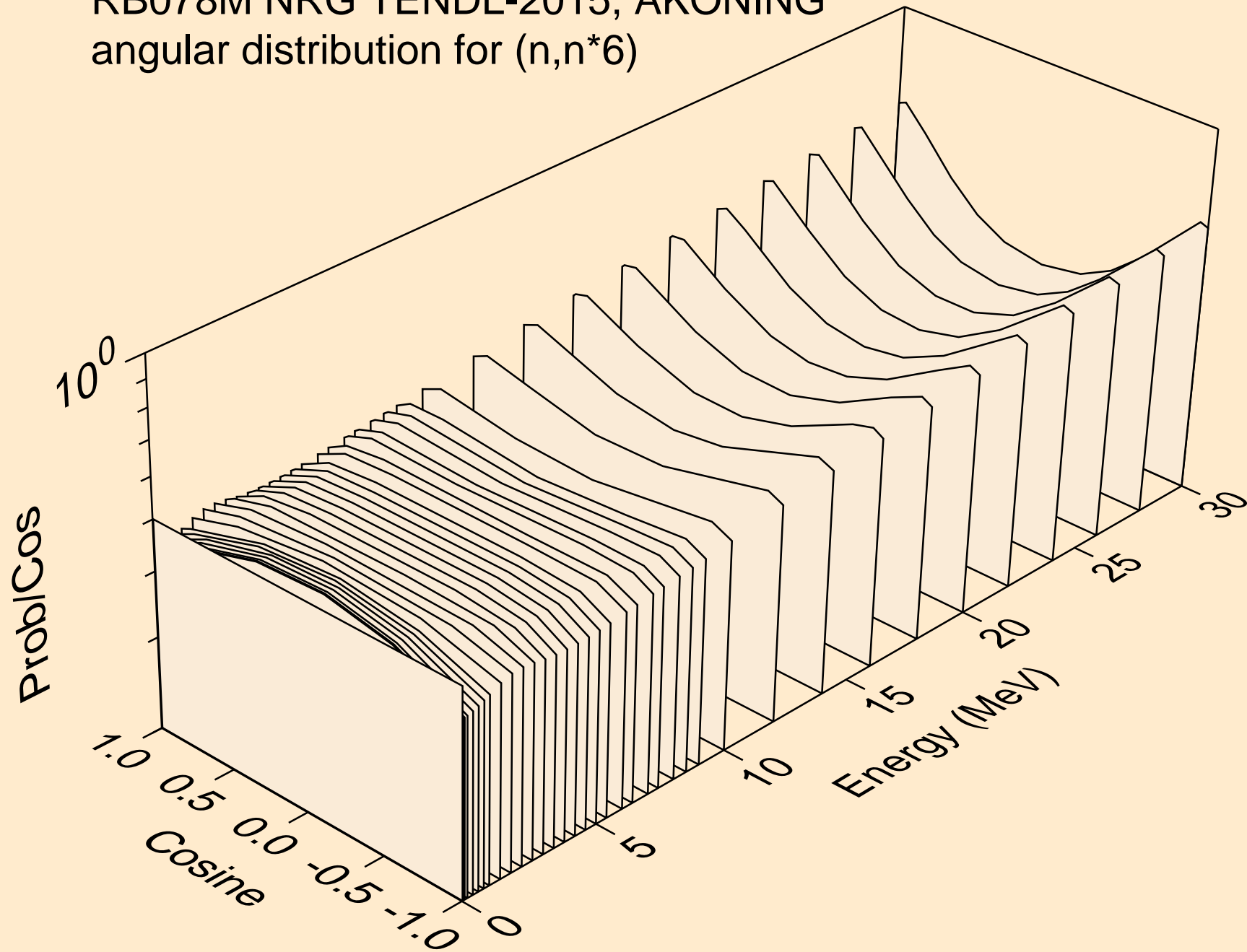
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

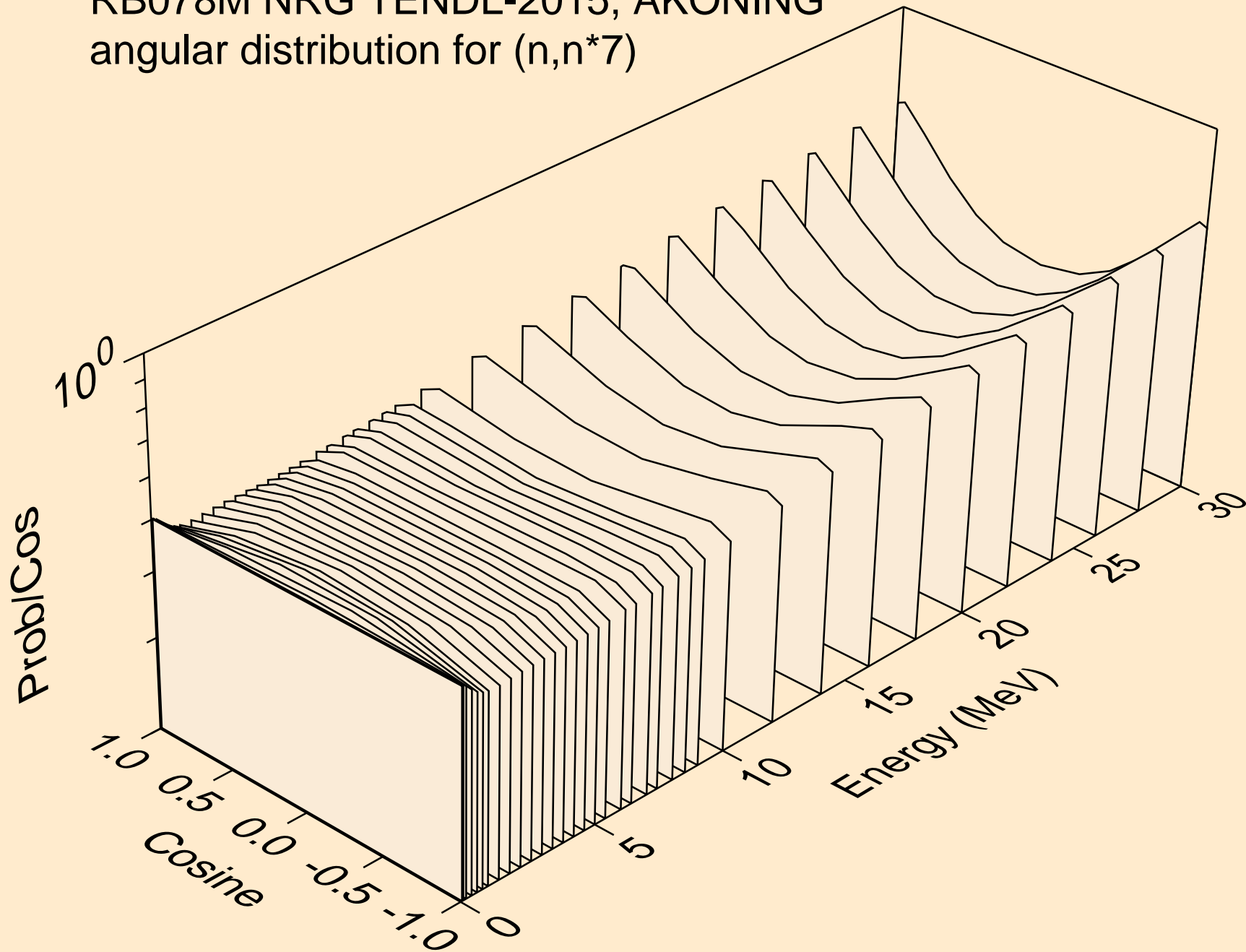


RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

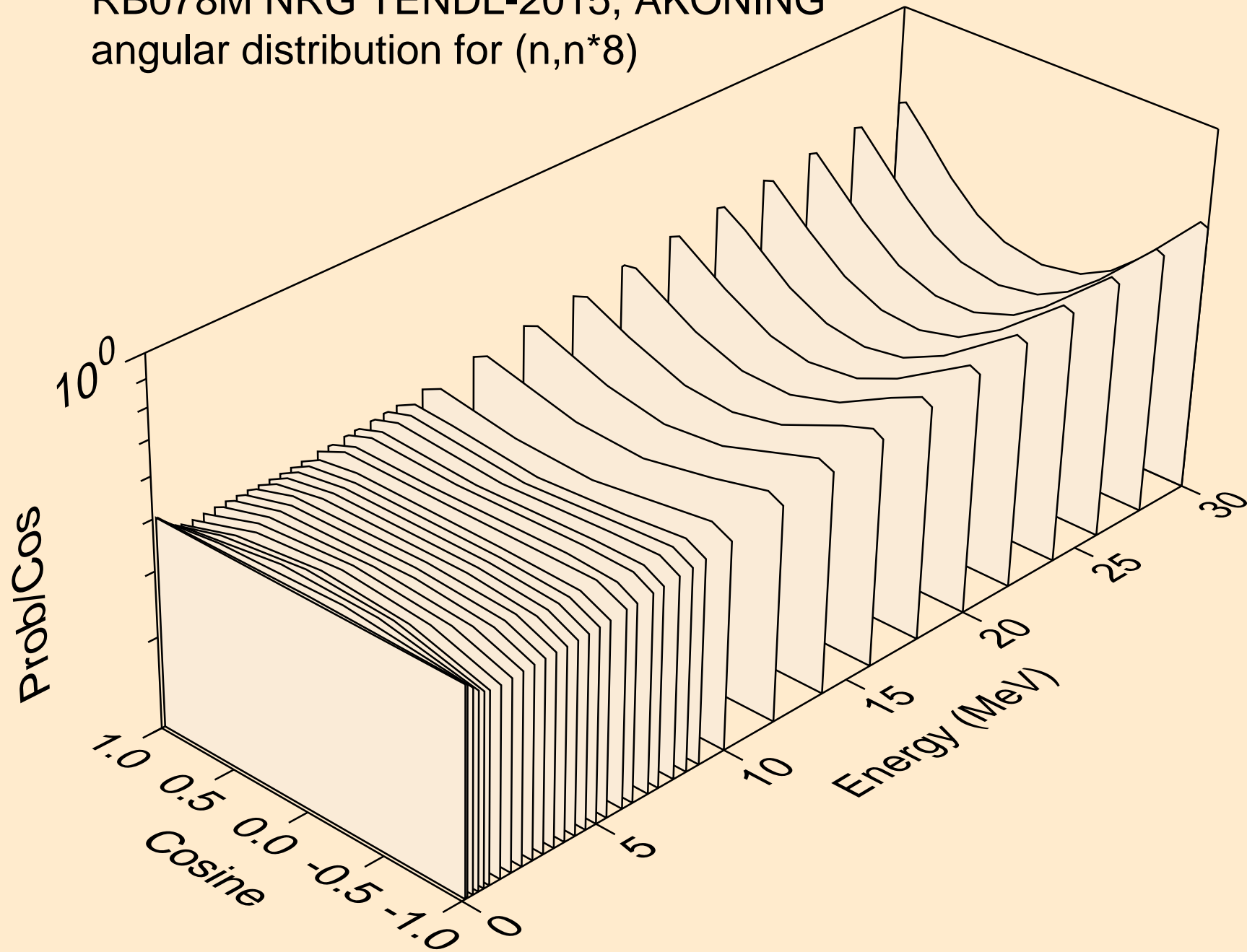




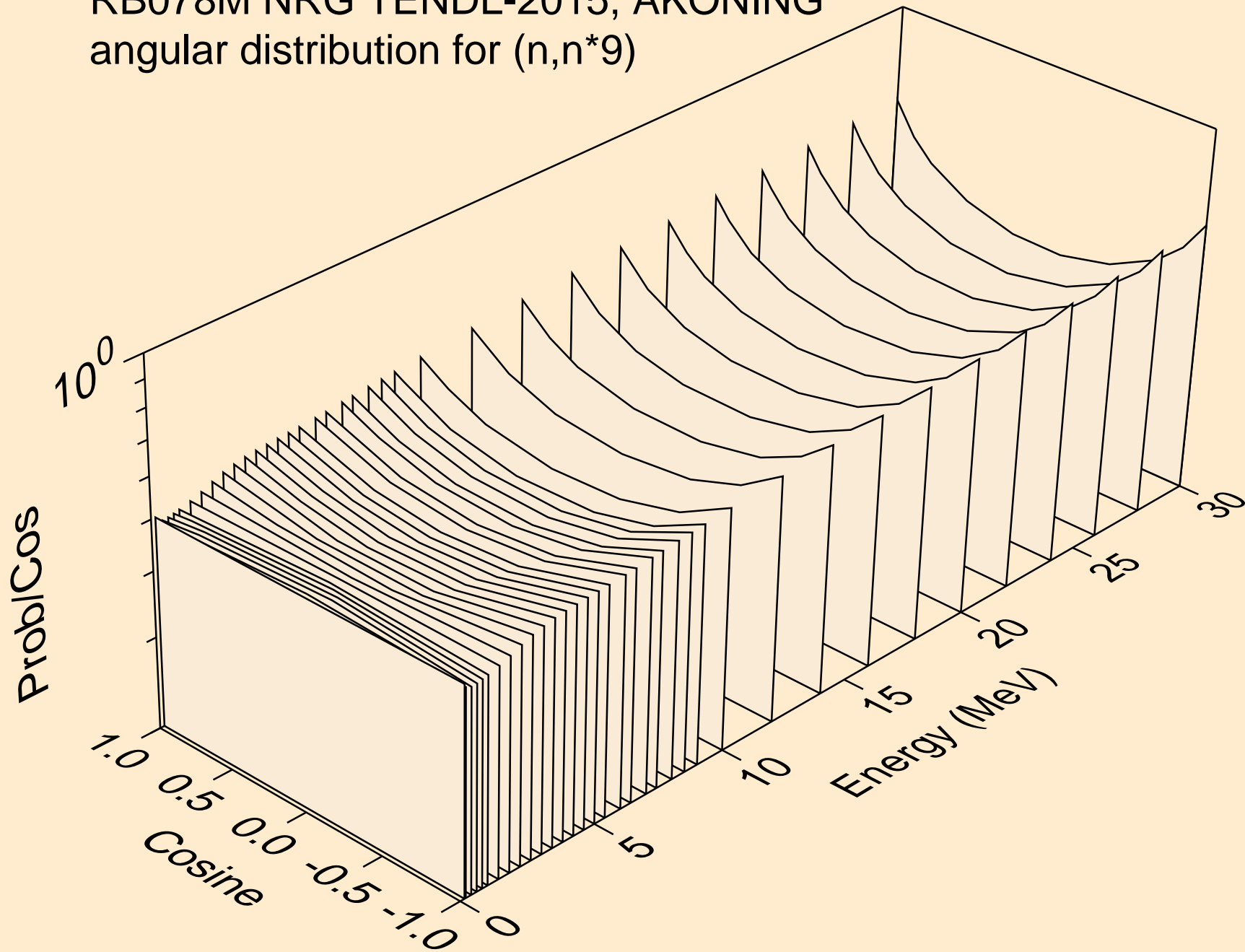
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



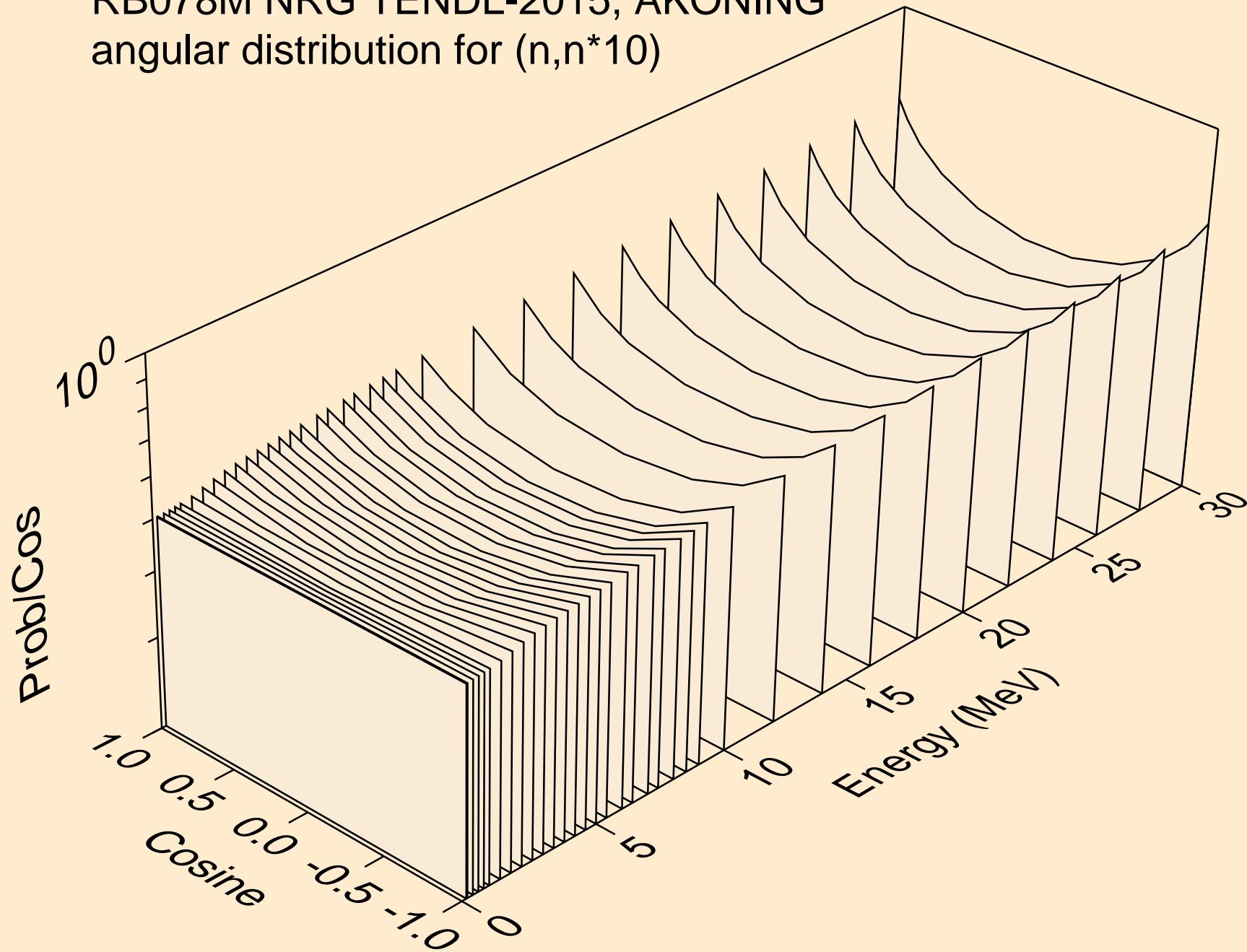
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



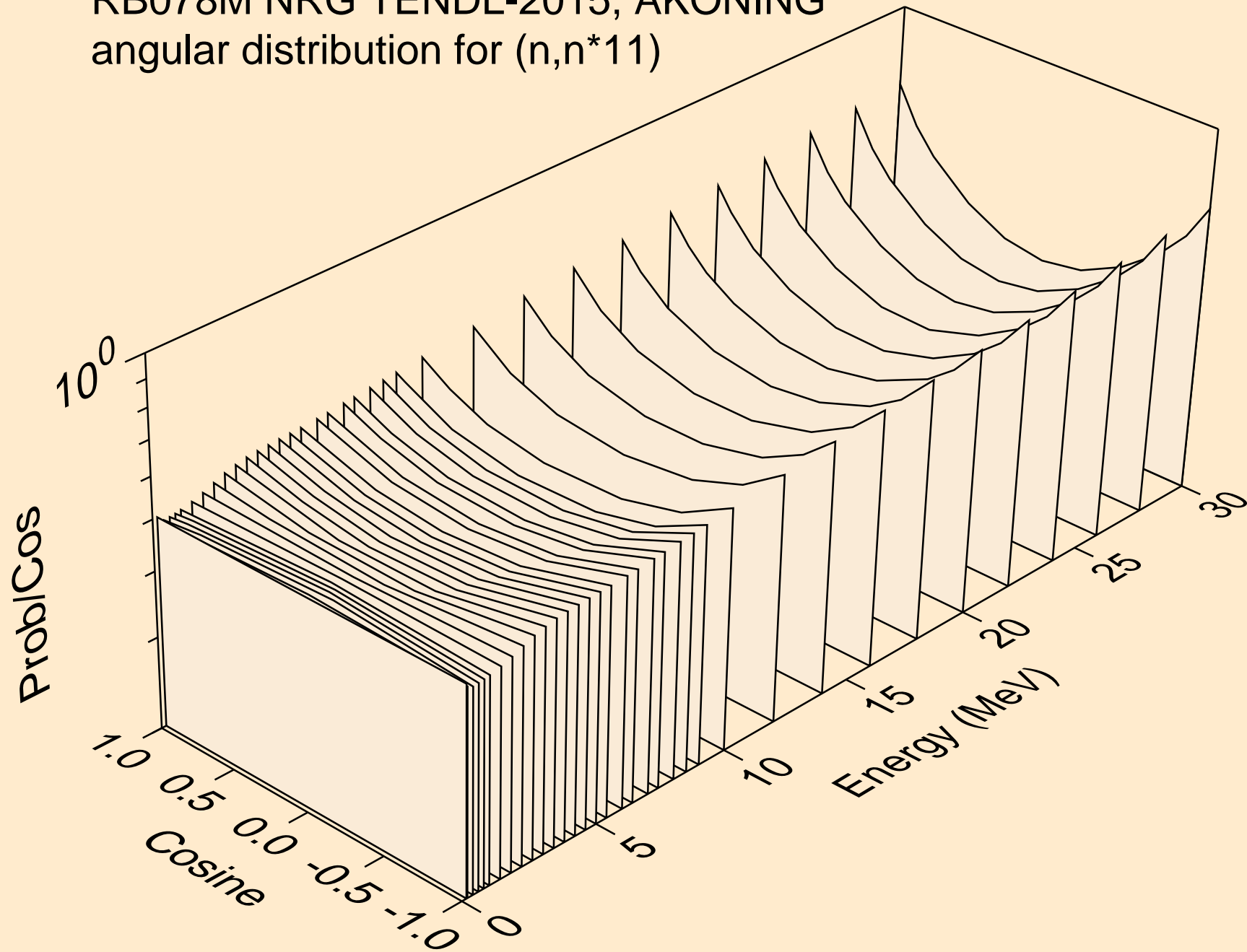
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



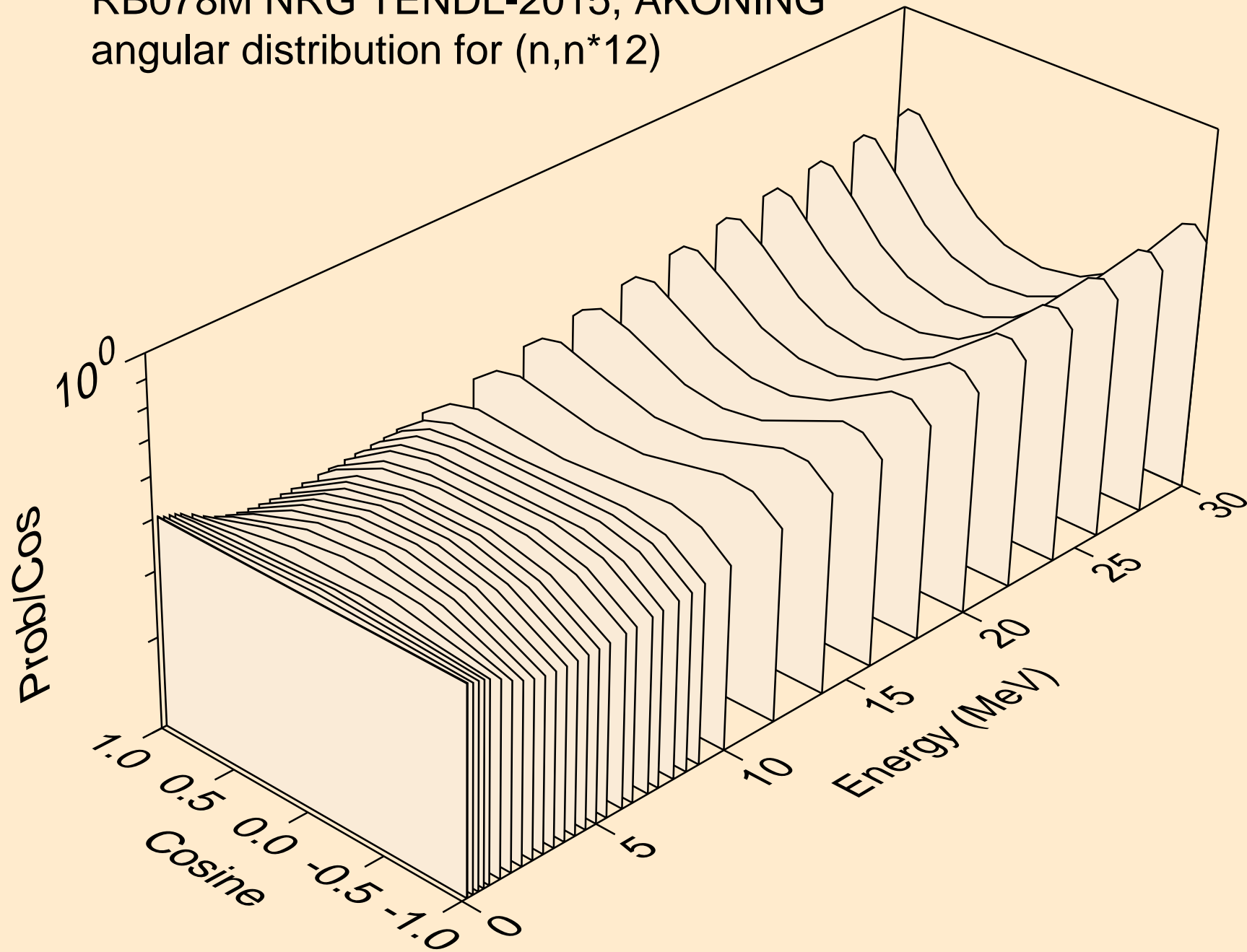
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angular distribution for (n,n\*10)



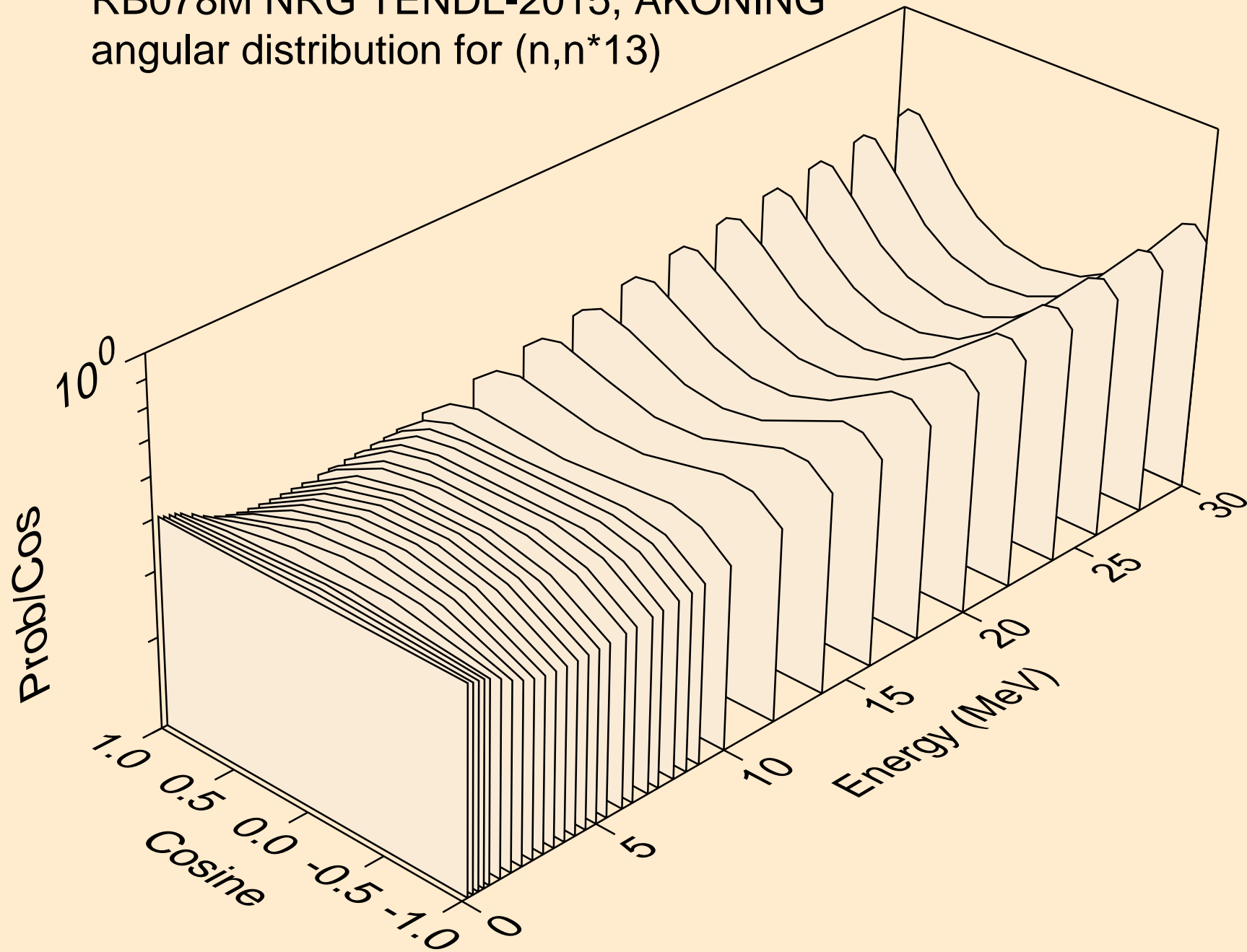
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



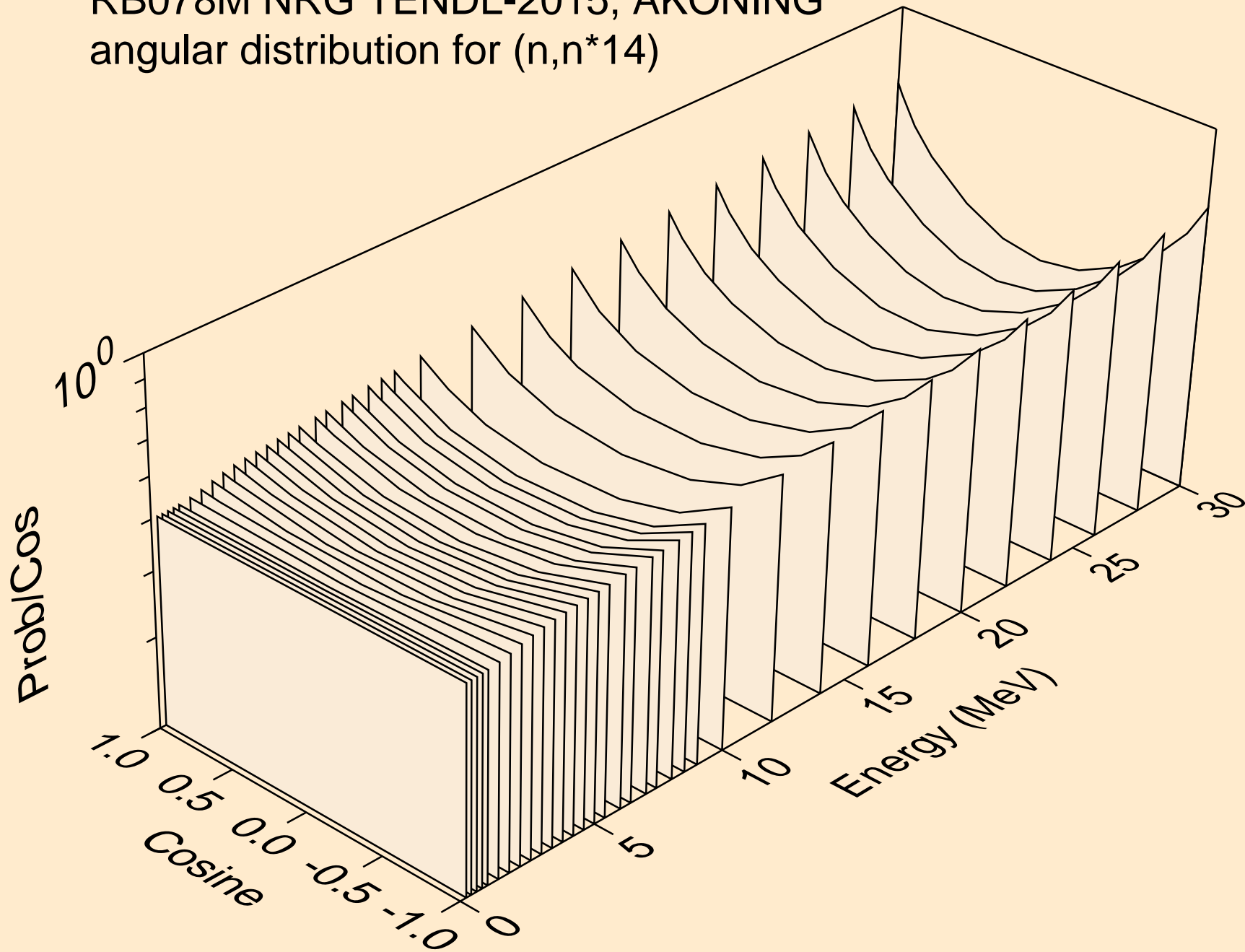
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

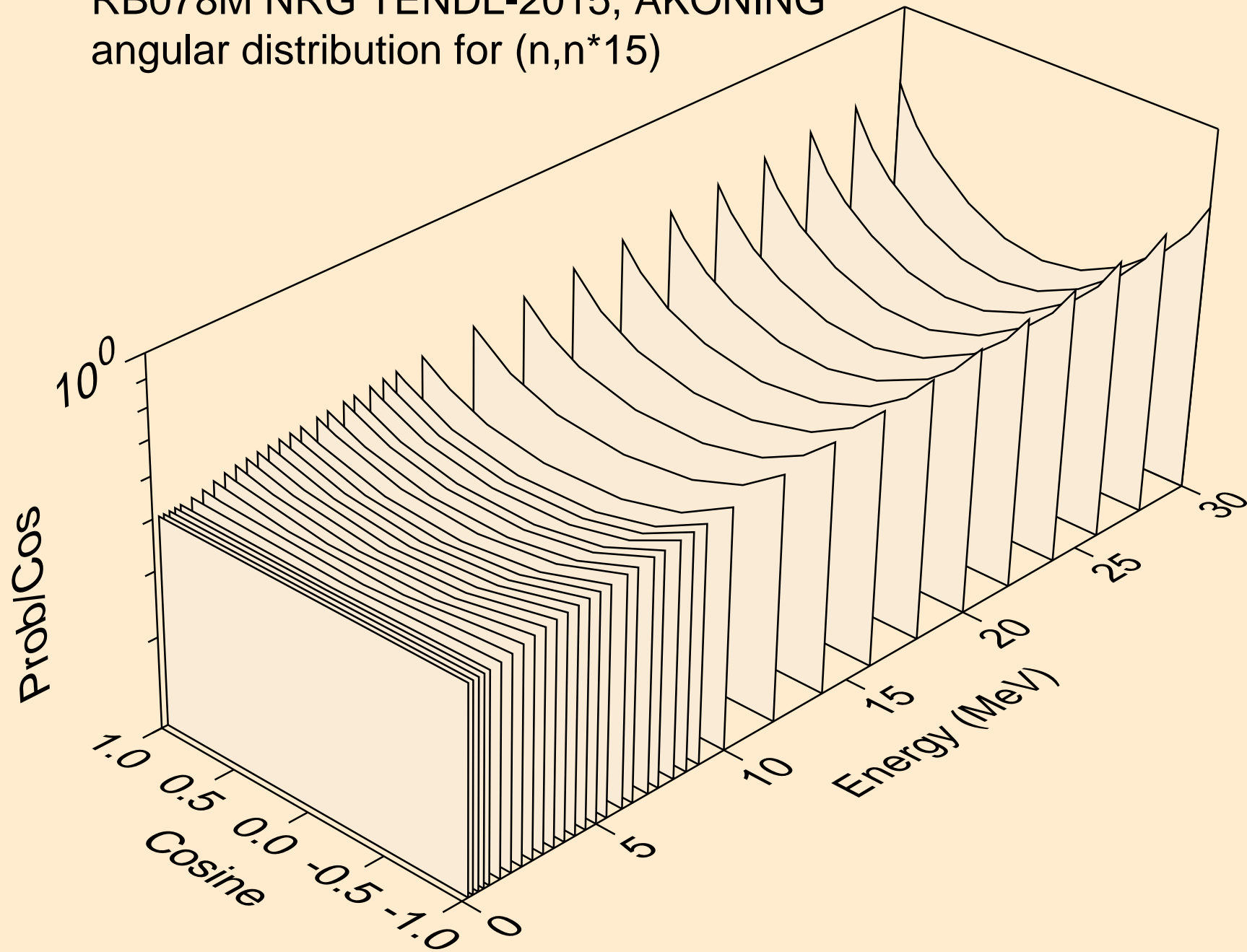


RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

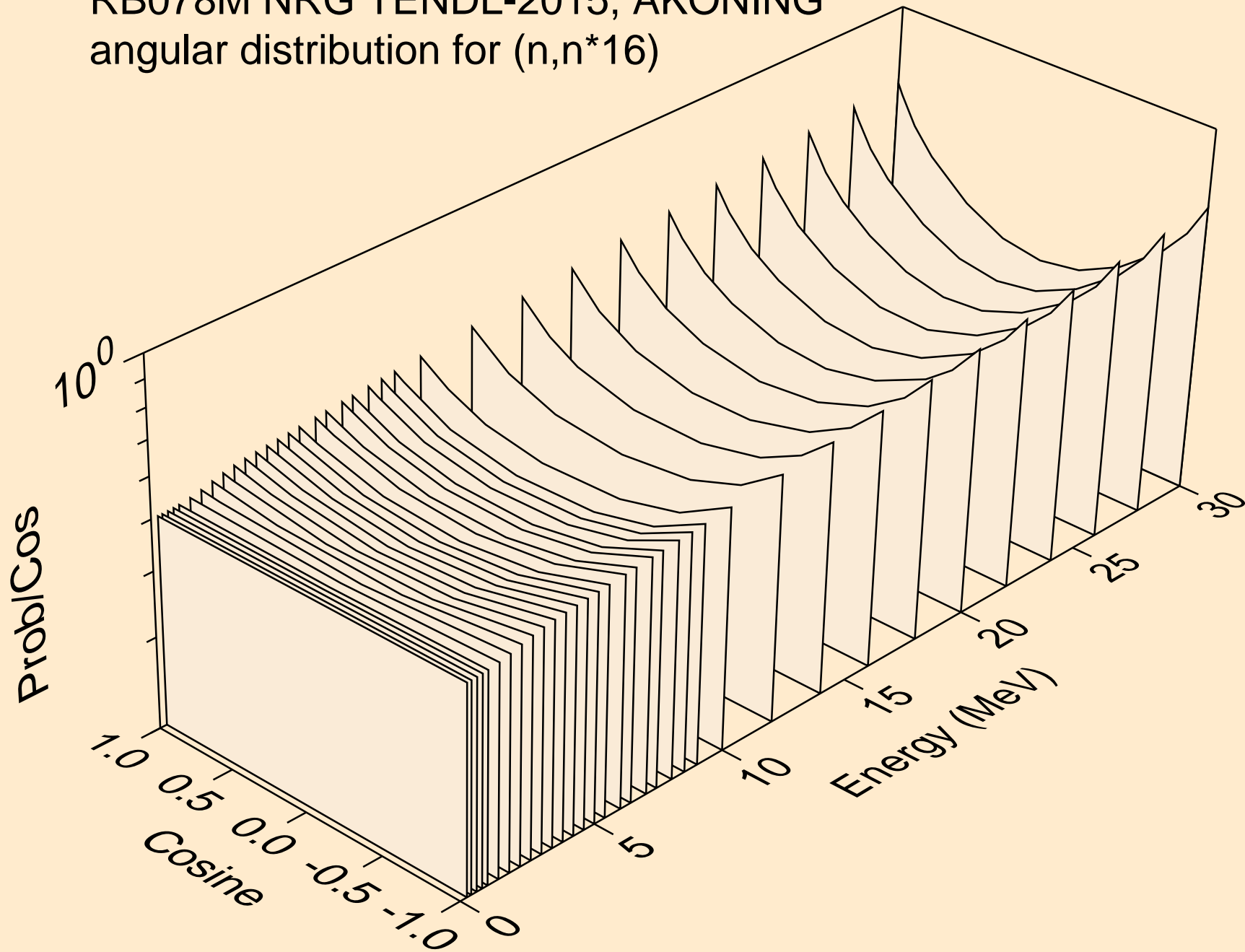




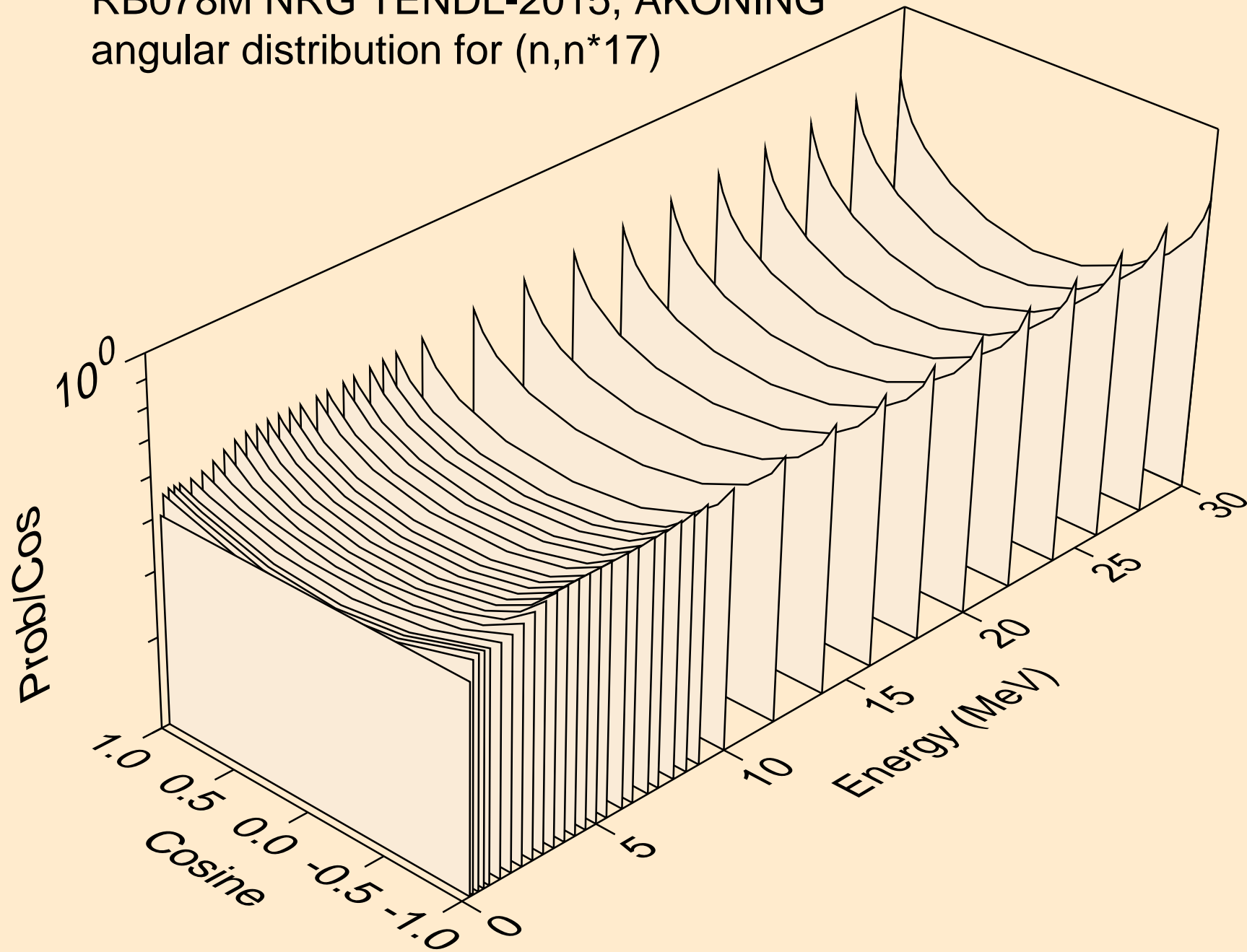
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



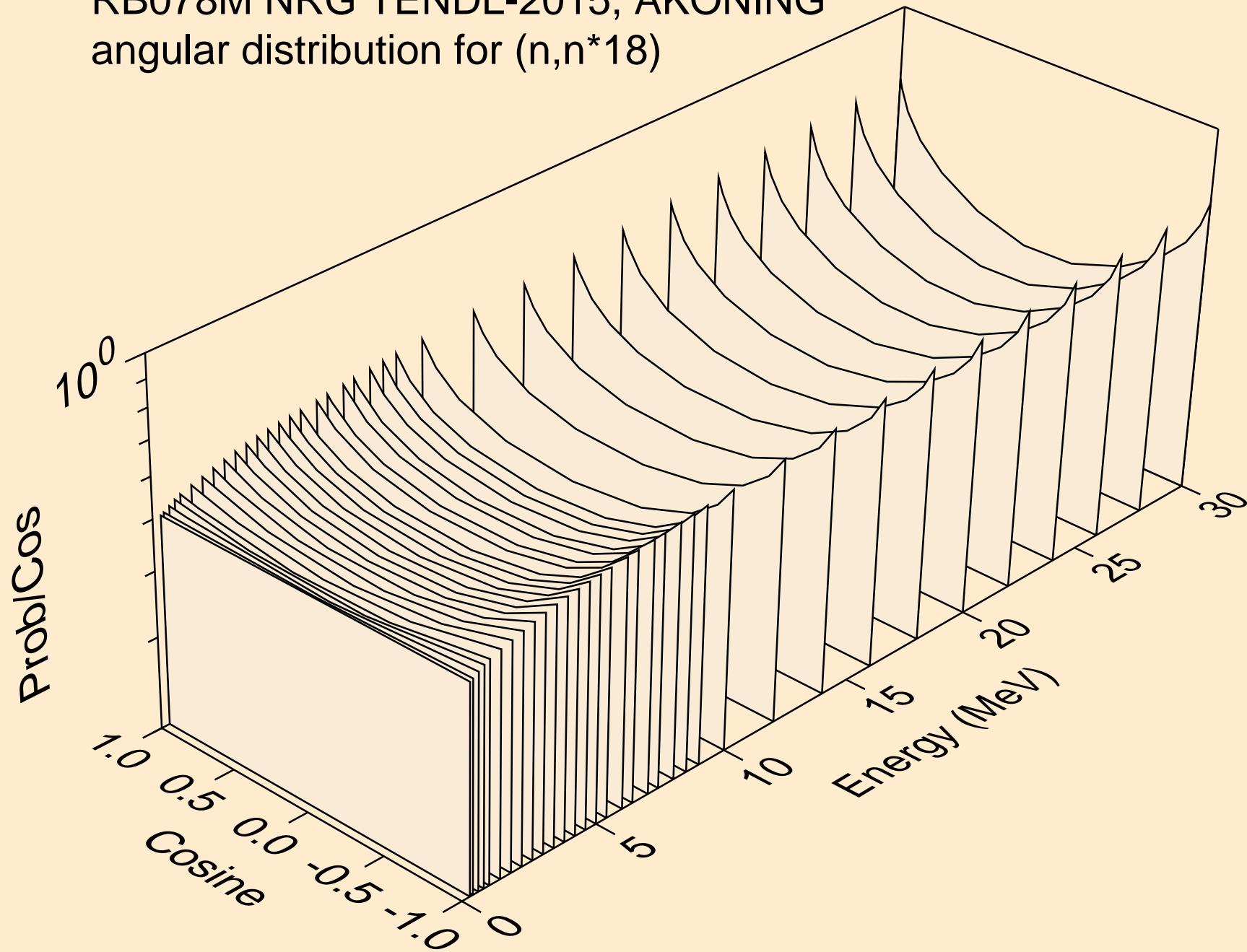
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



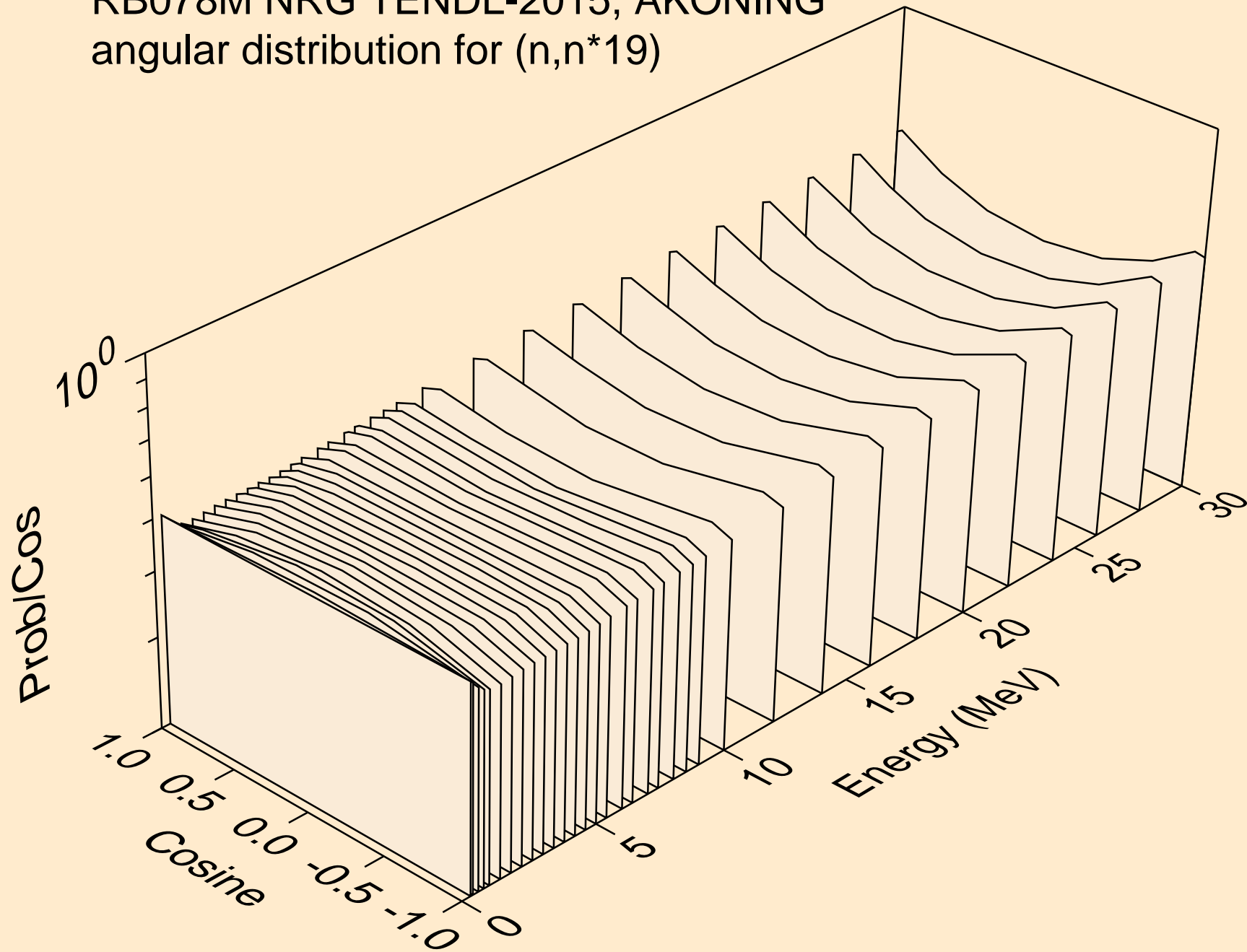
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



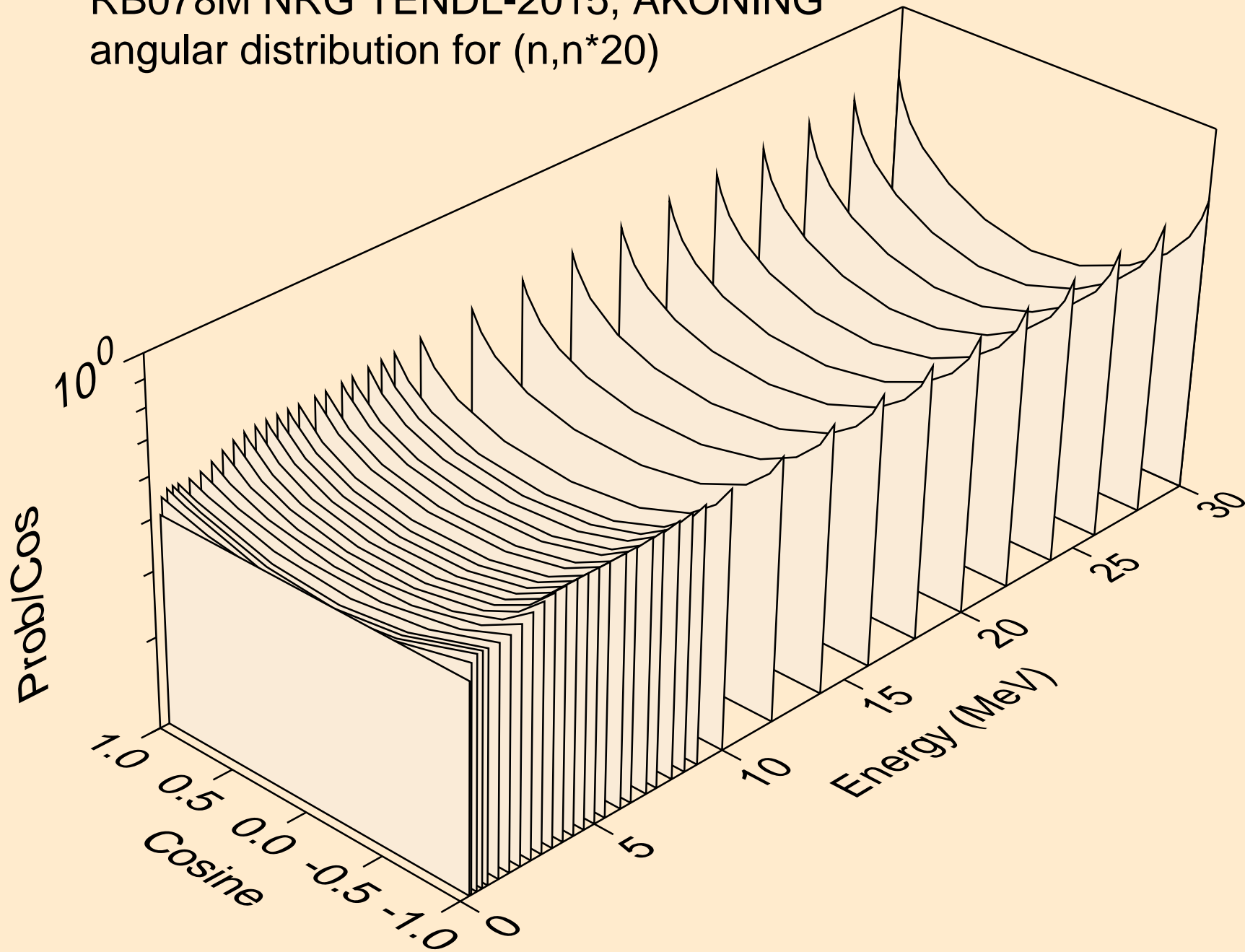
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



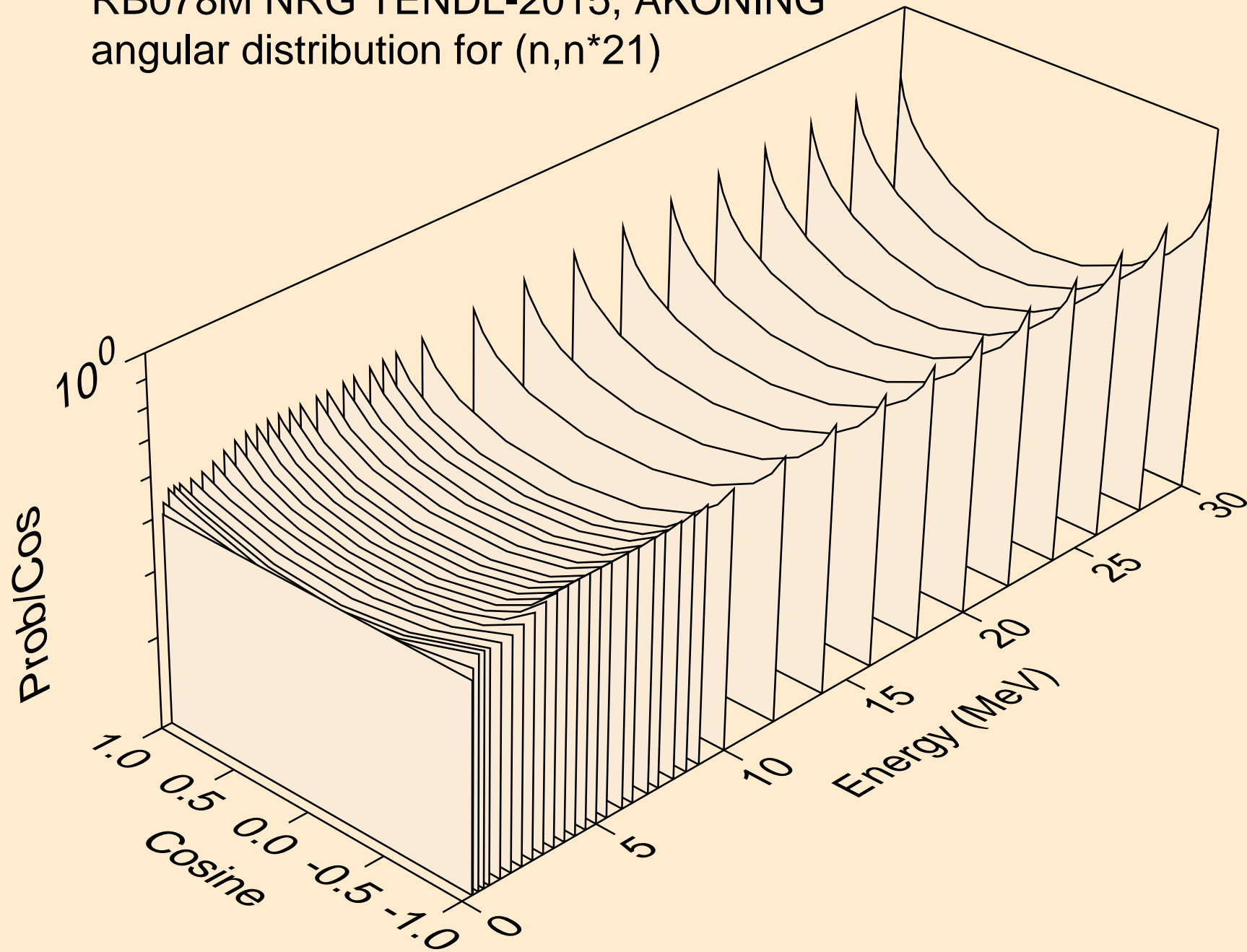
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



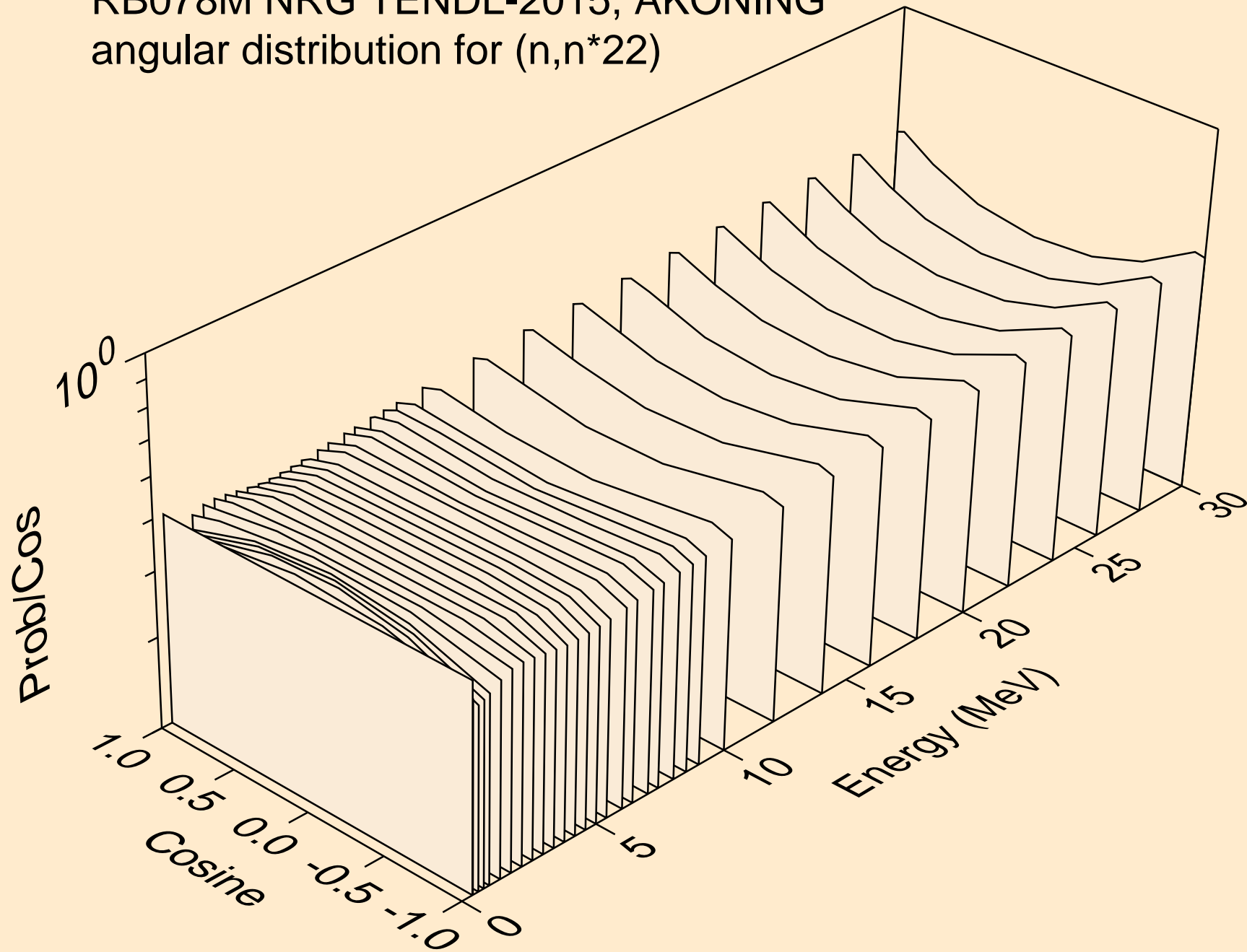
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

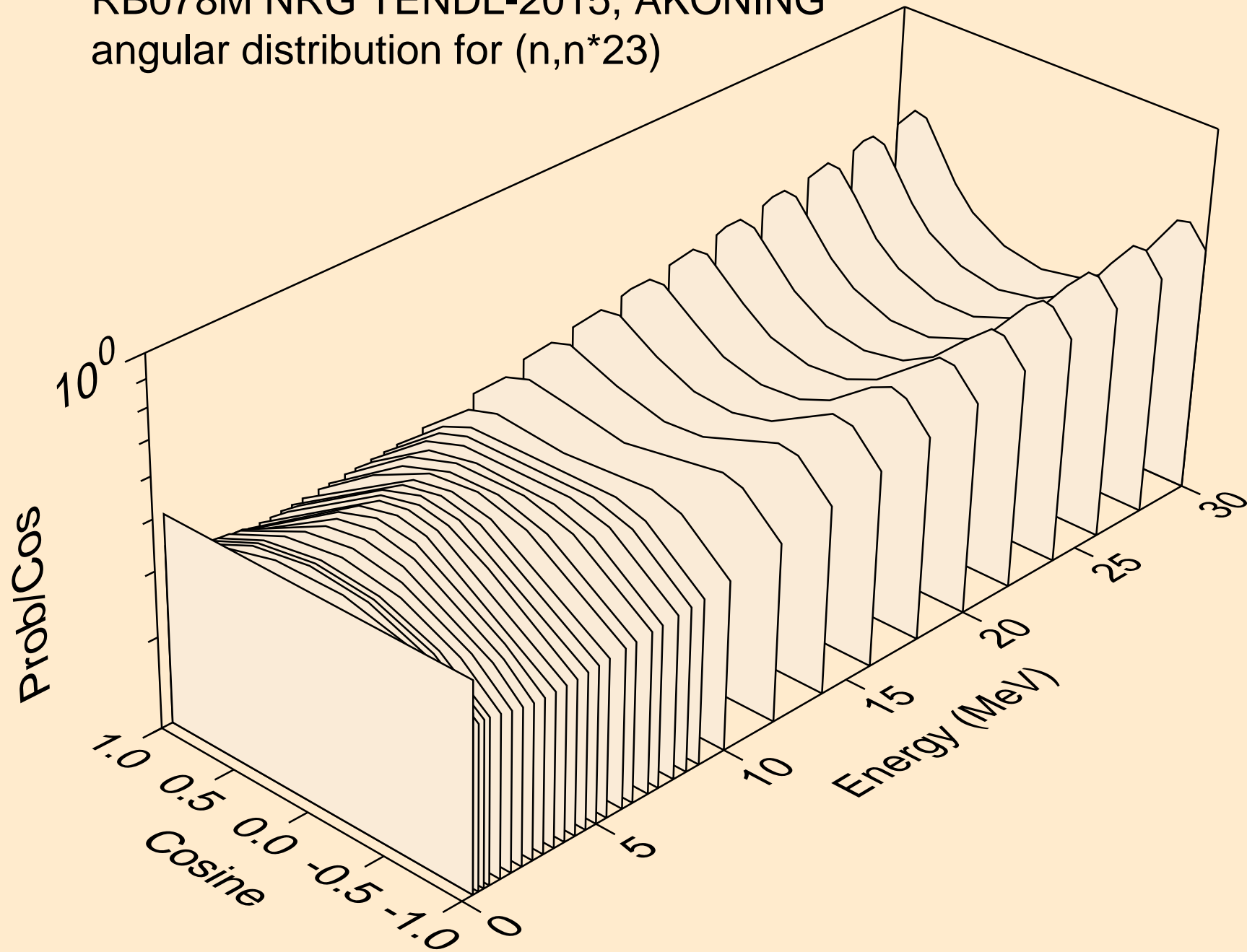


RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

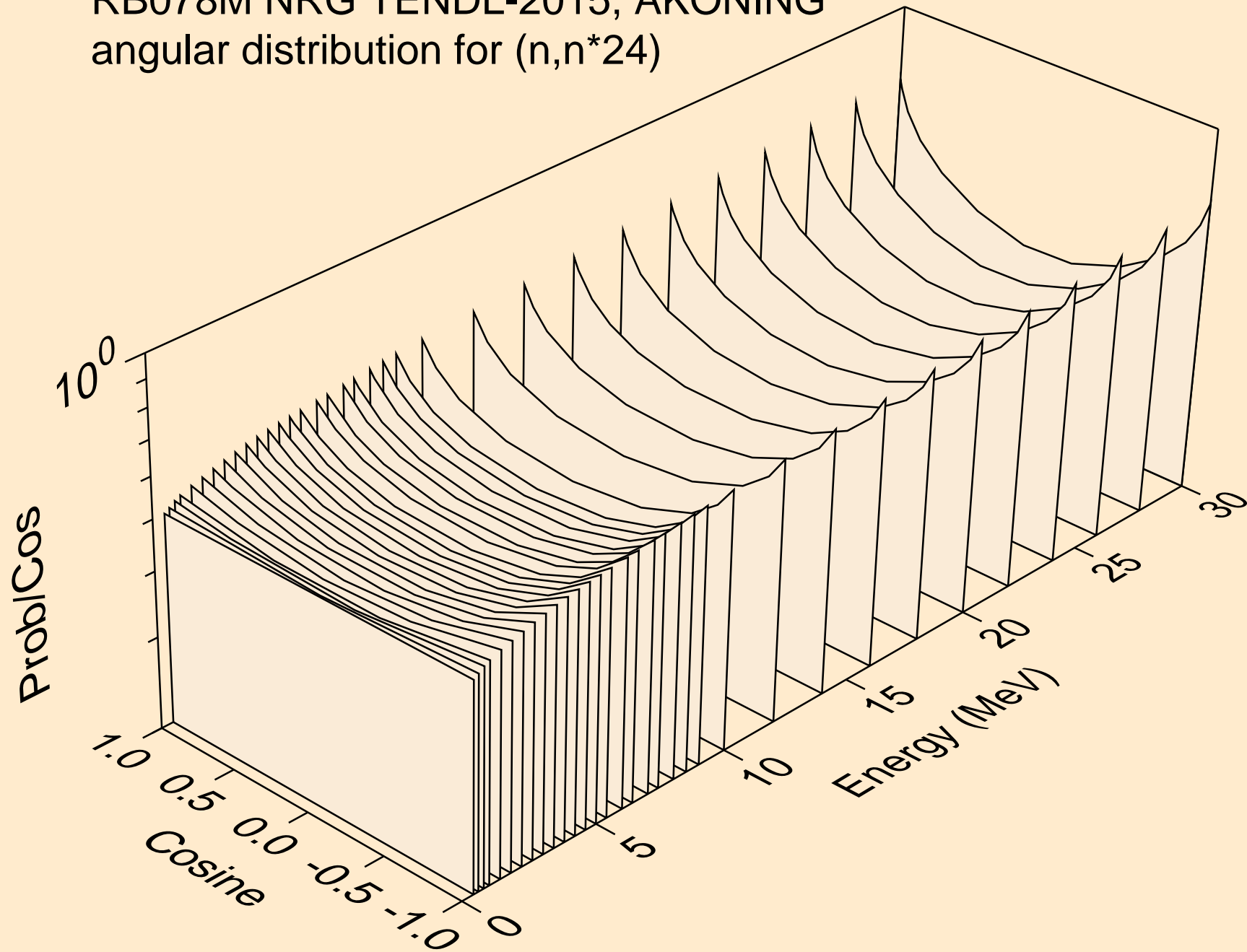




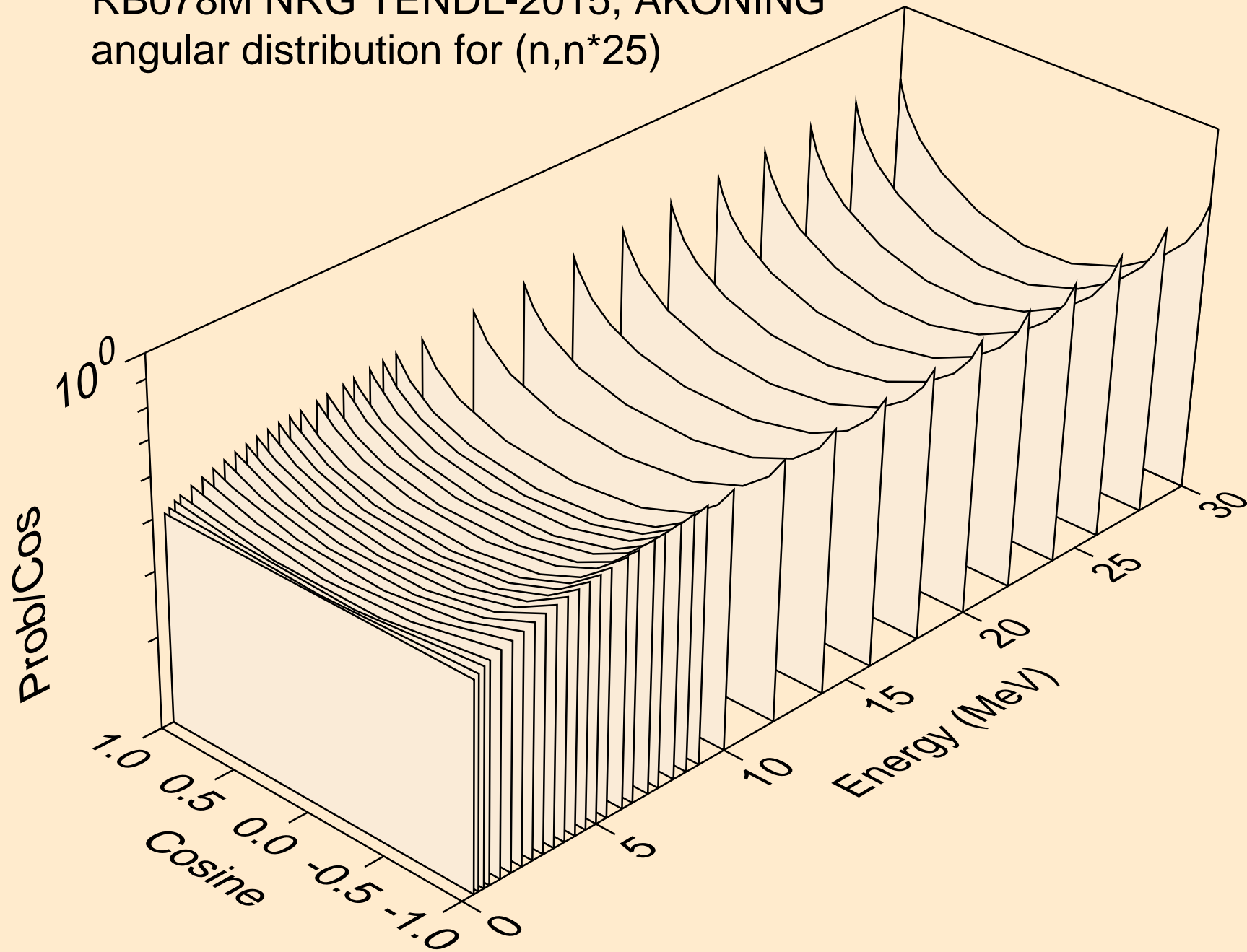
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angular distribution for (n,n\*23)



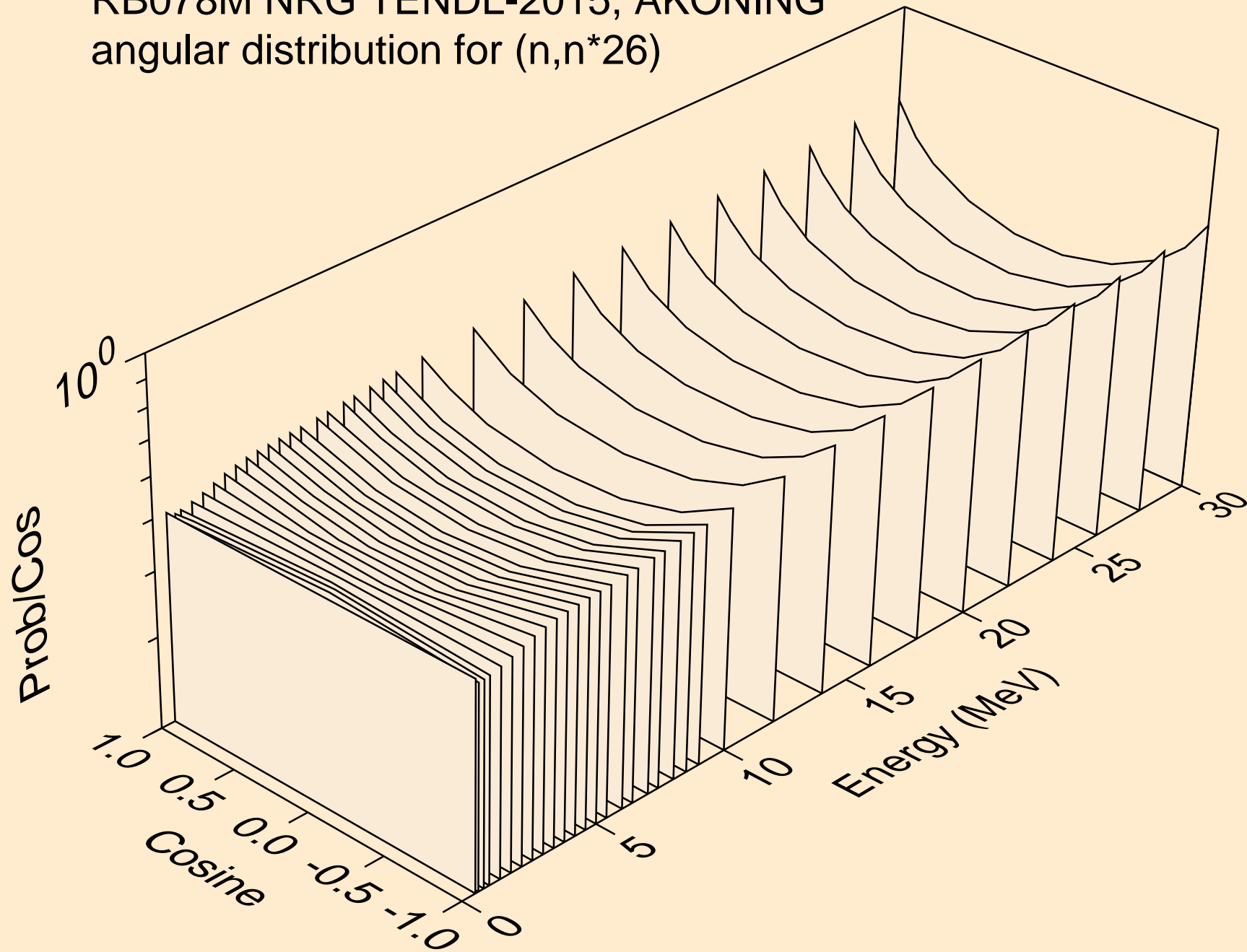
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



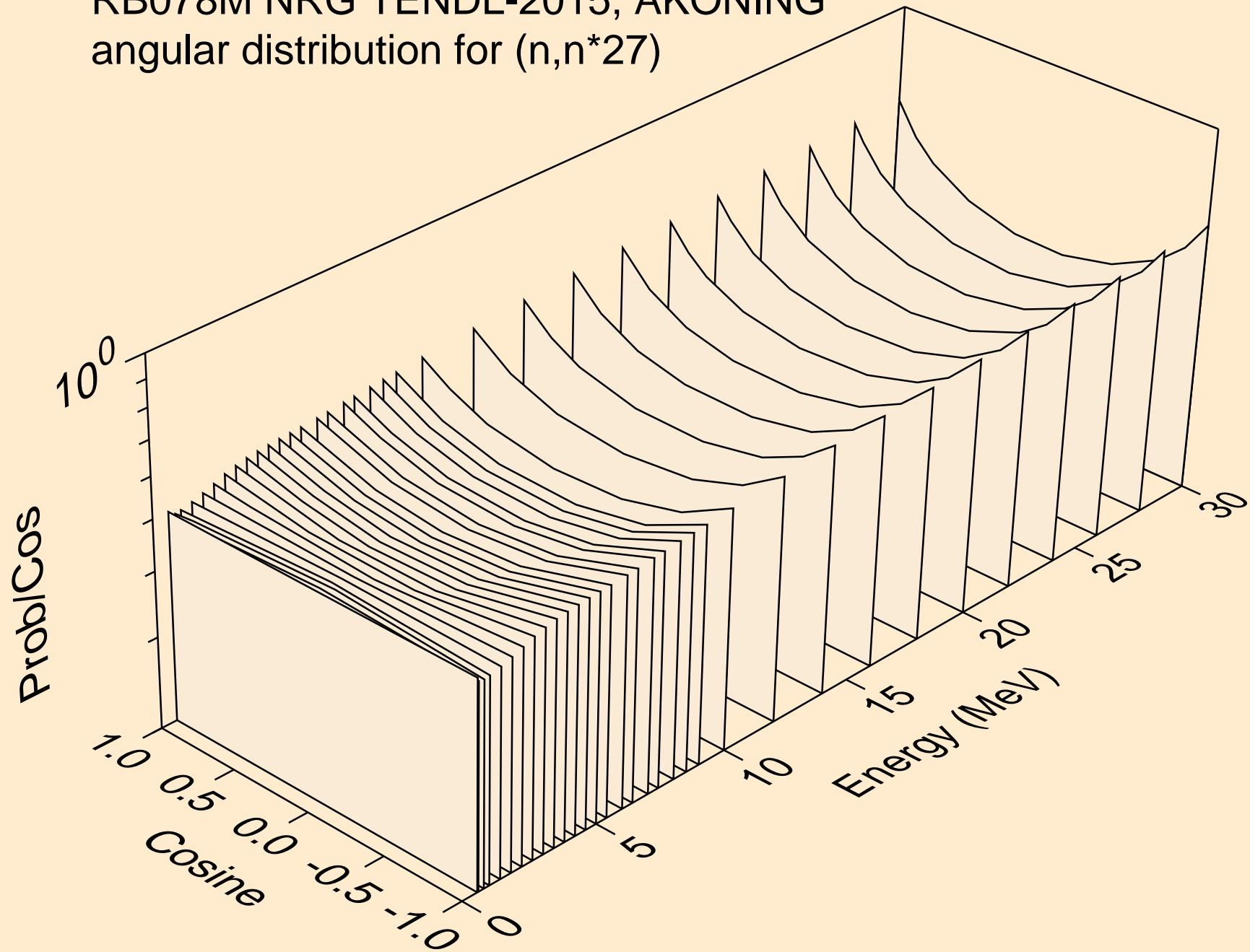
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angular distribution for (n,n\*25)



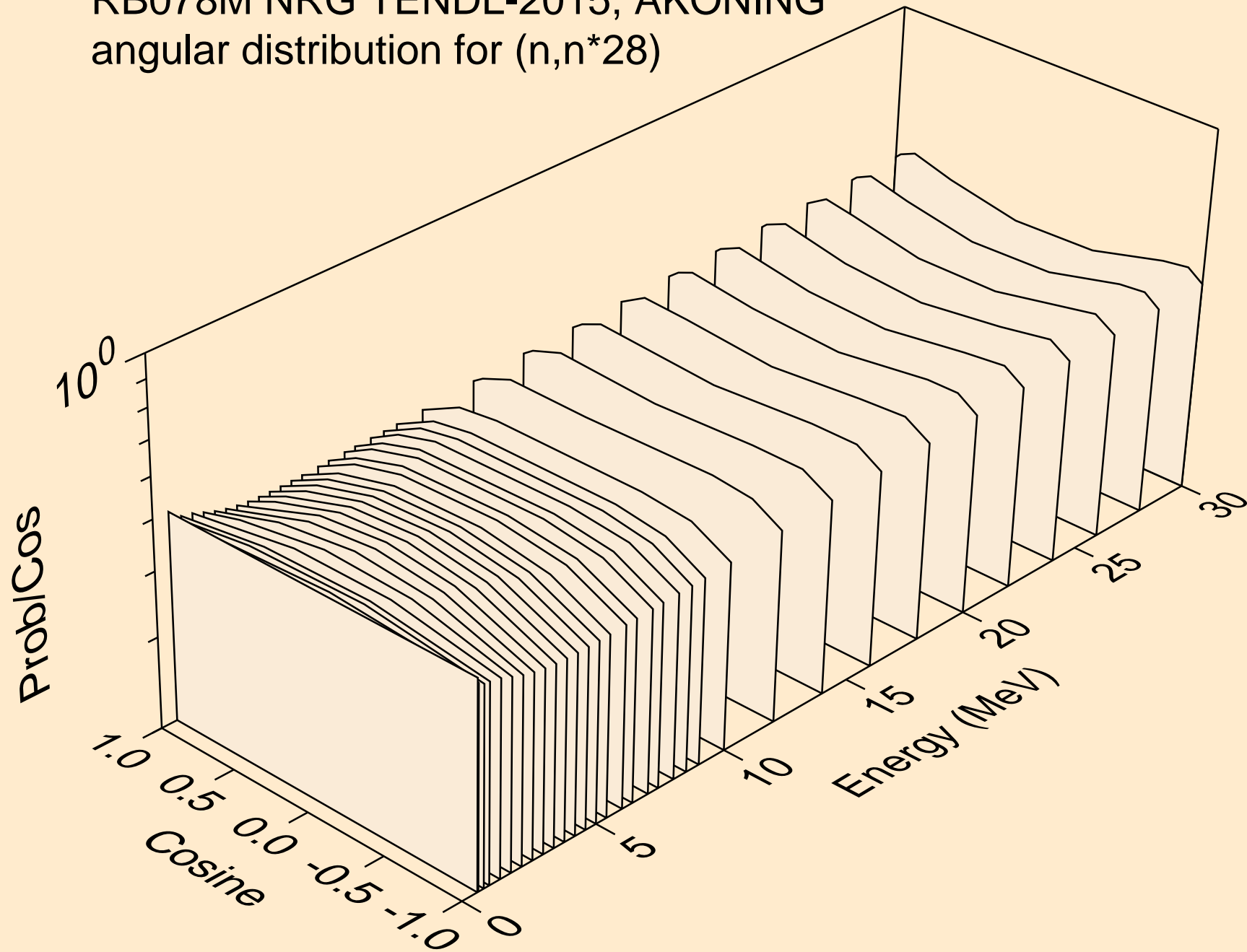
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angular distribution for (n,n\*26)



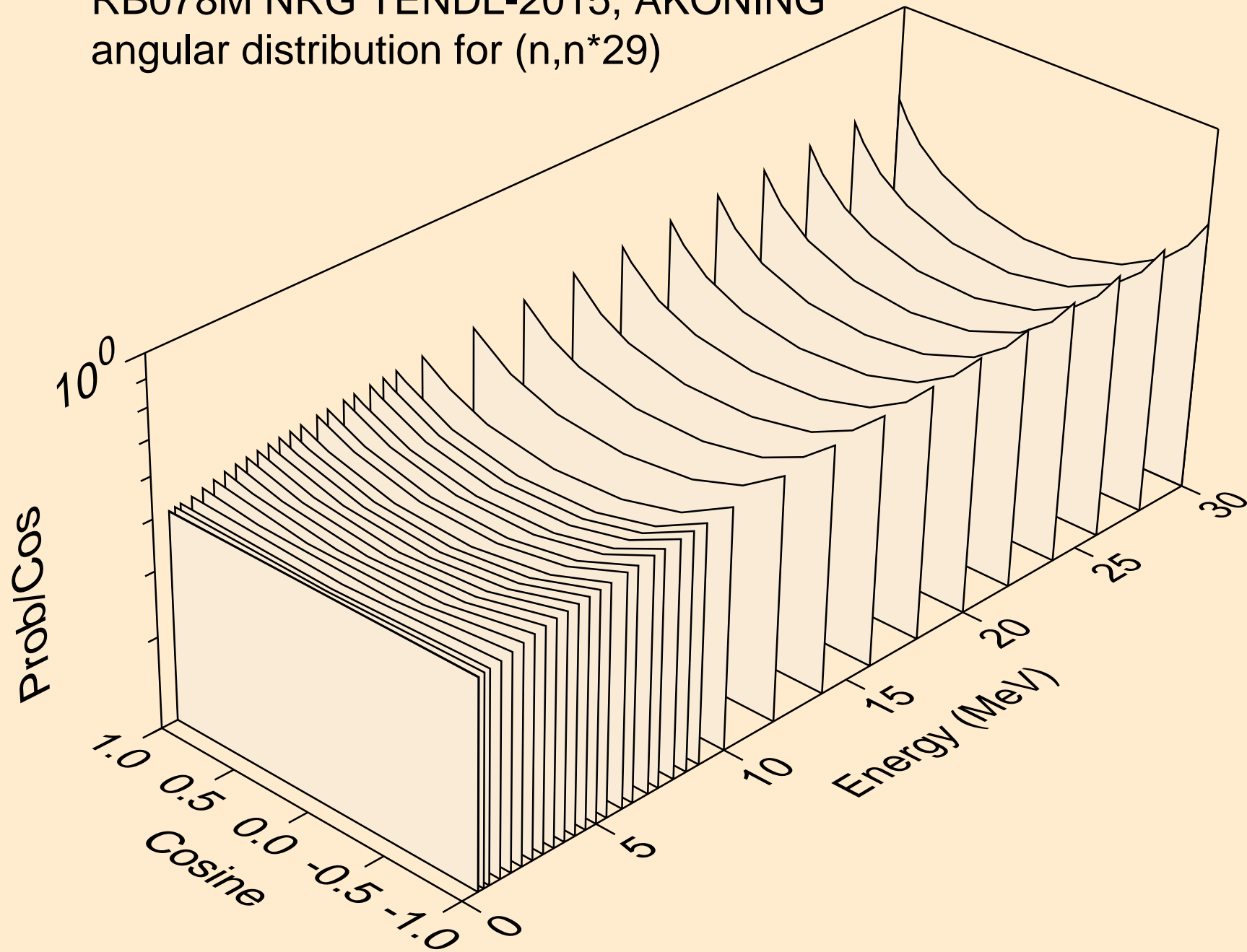
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



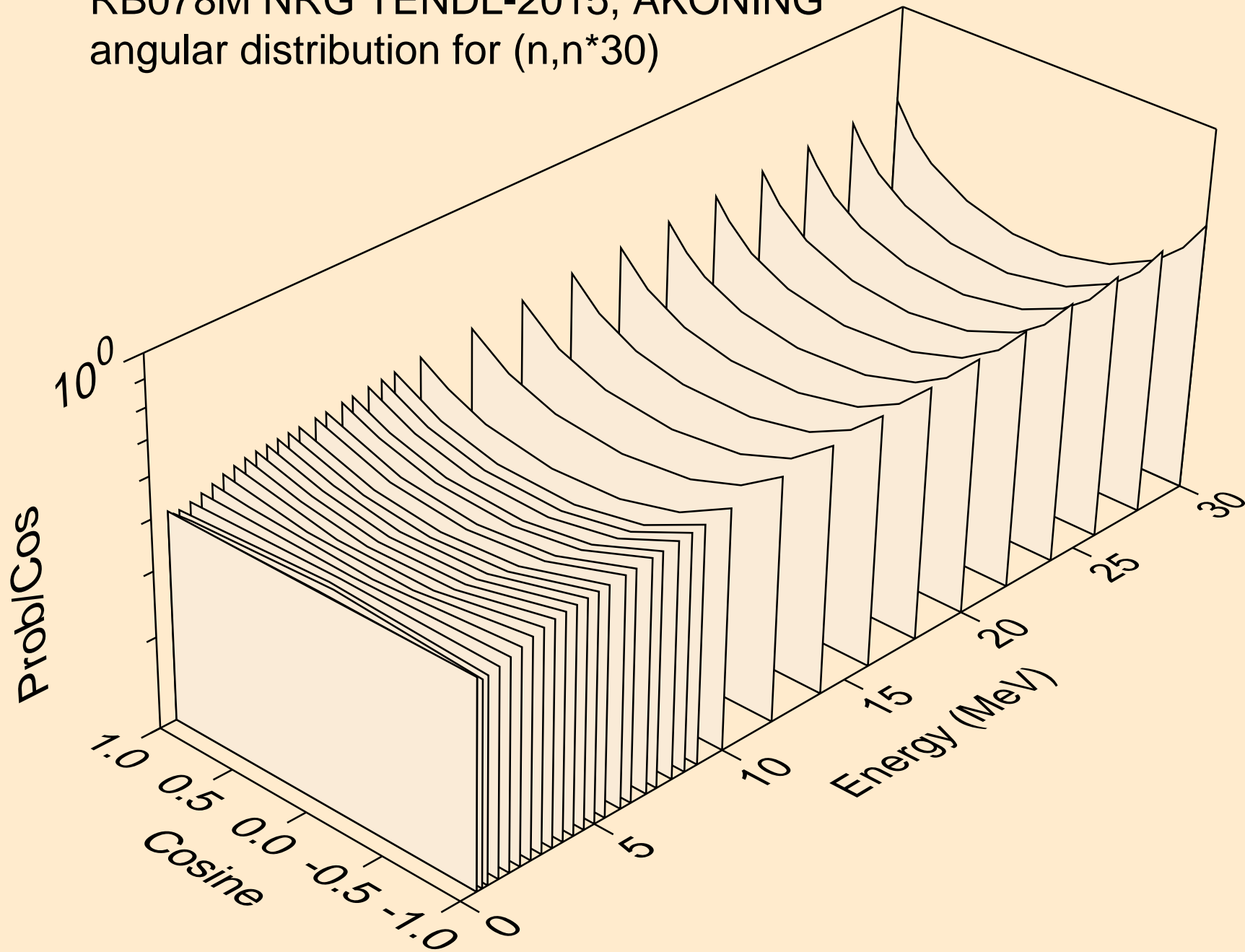
RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

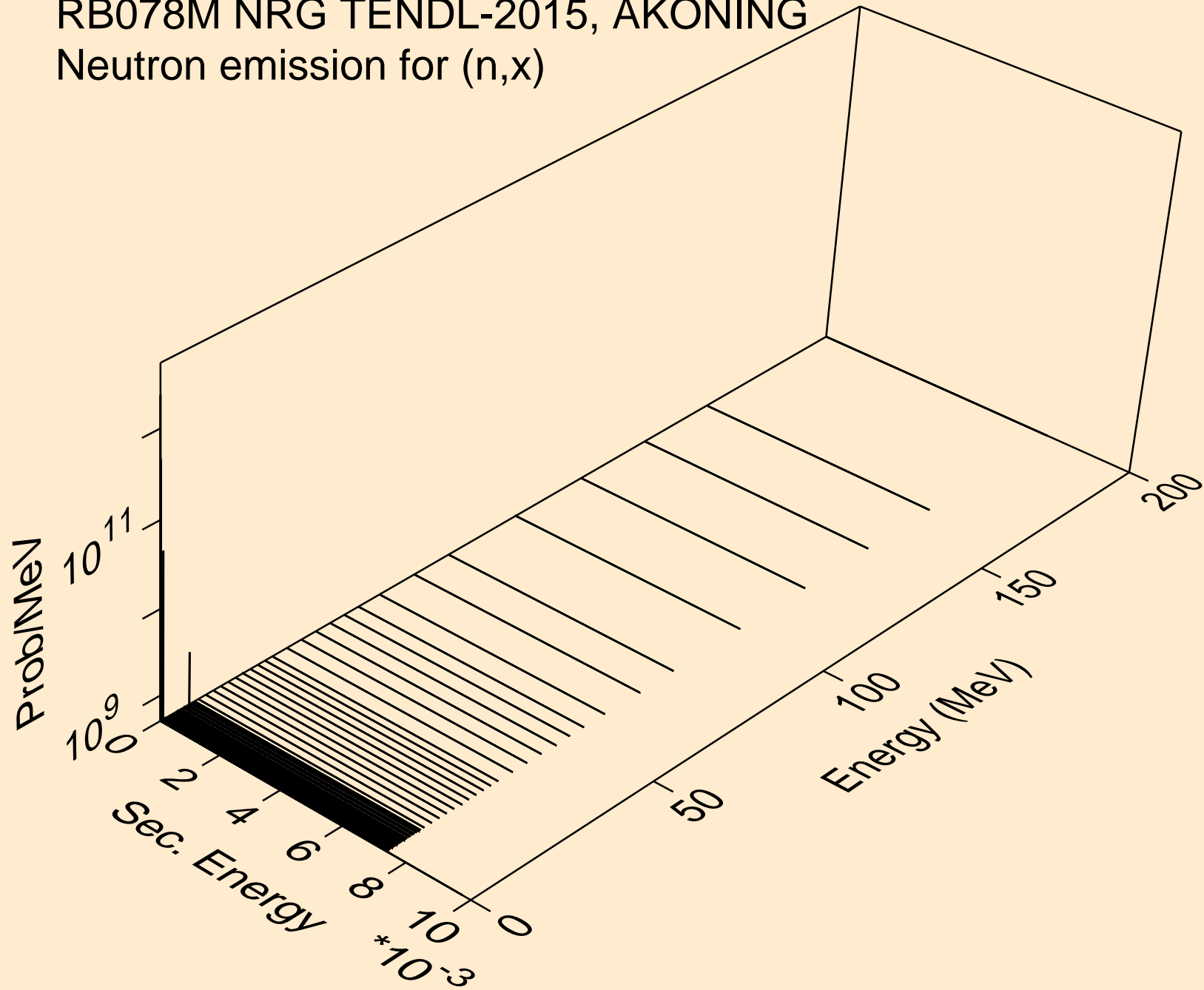


RB078M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

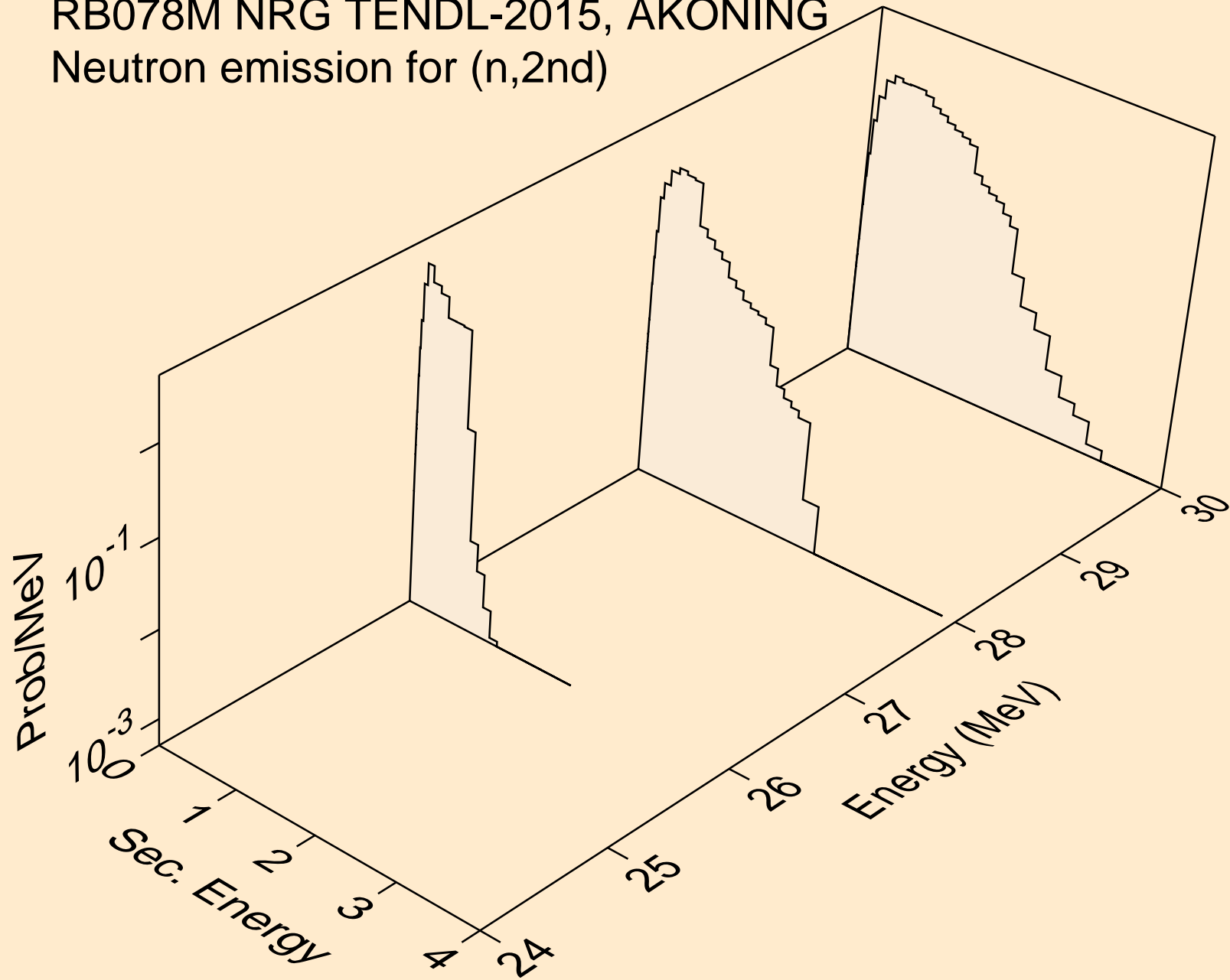




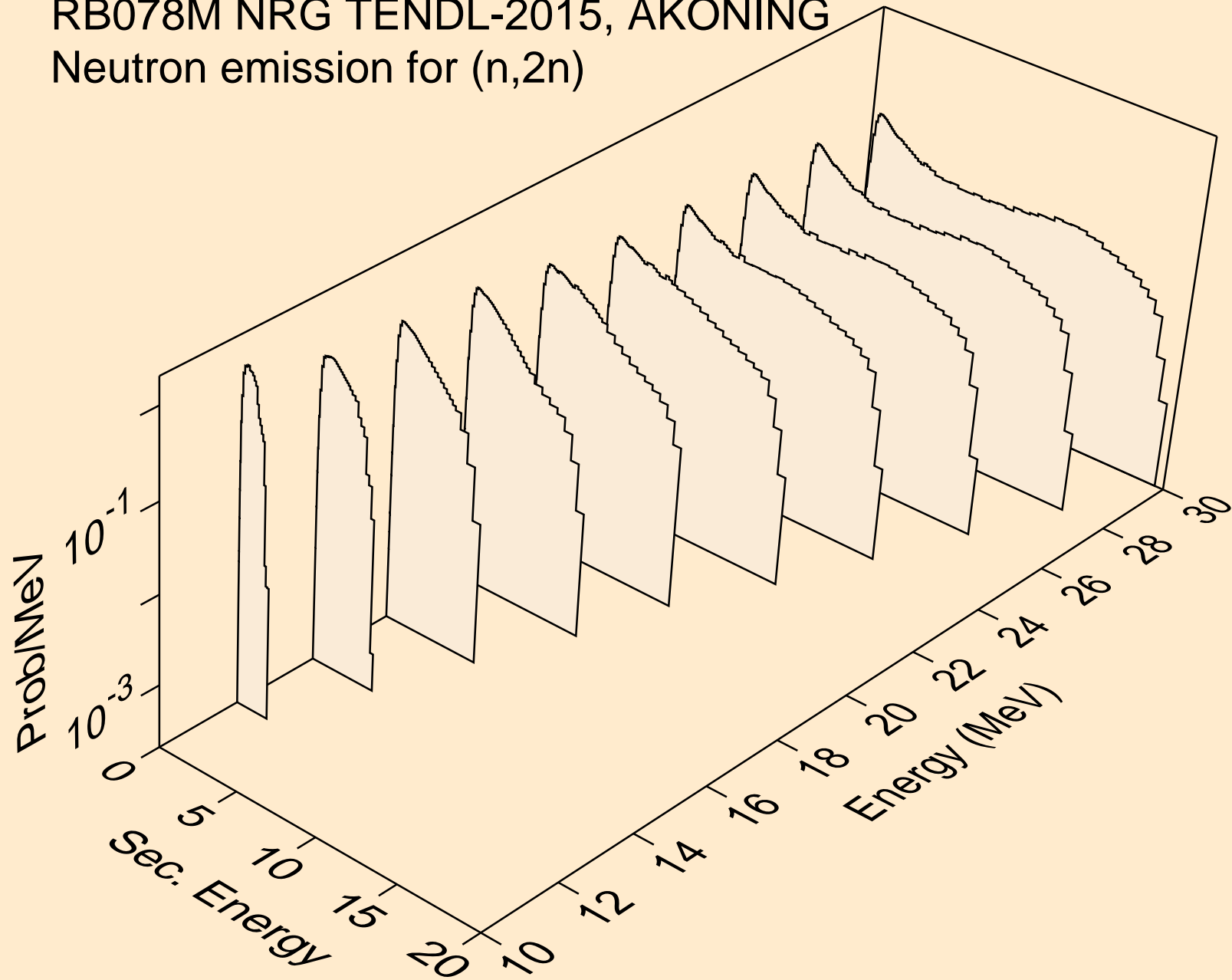
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



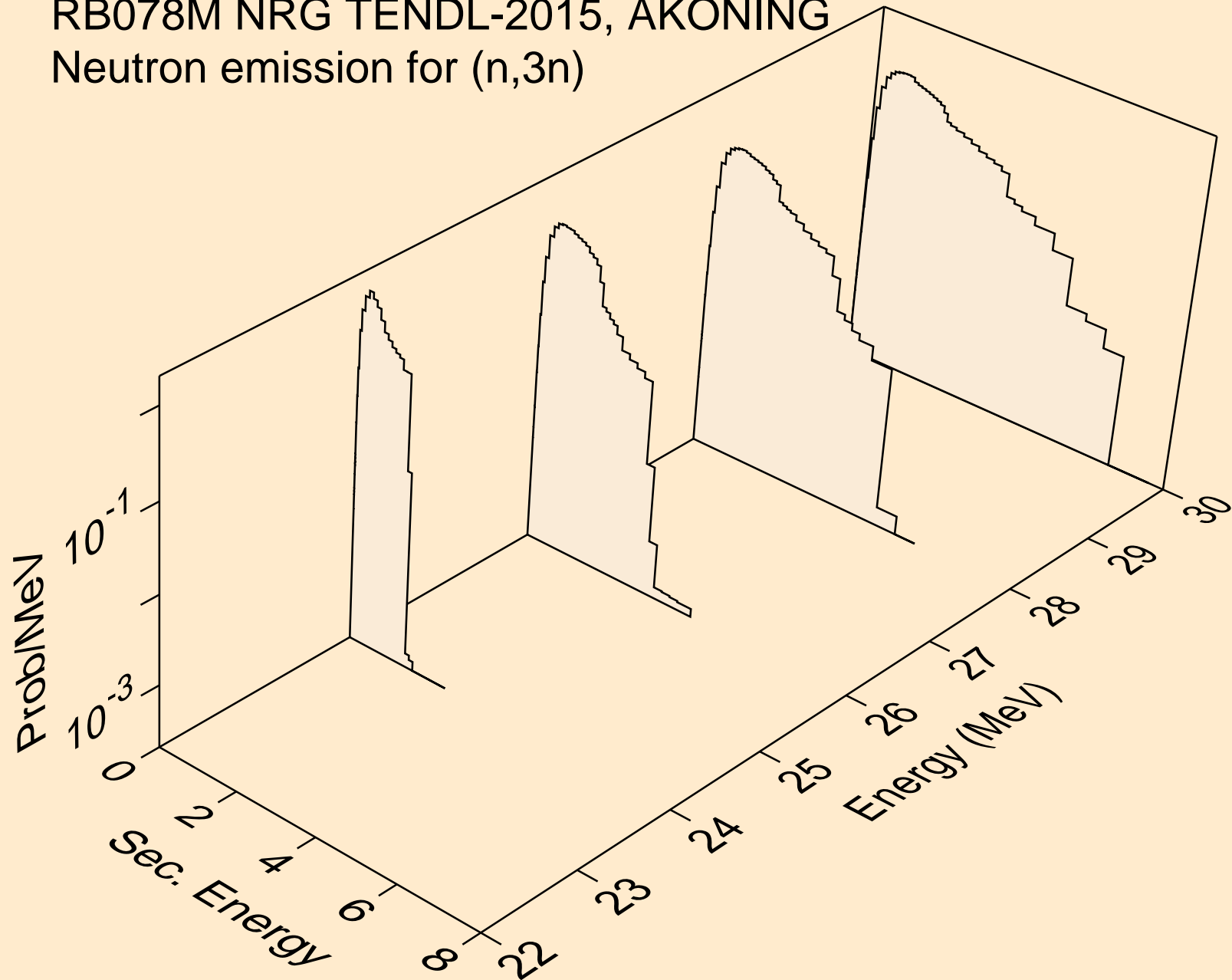
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



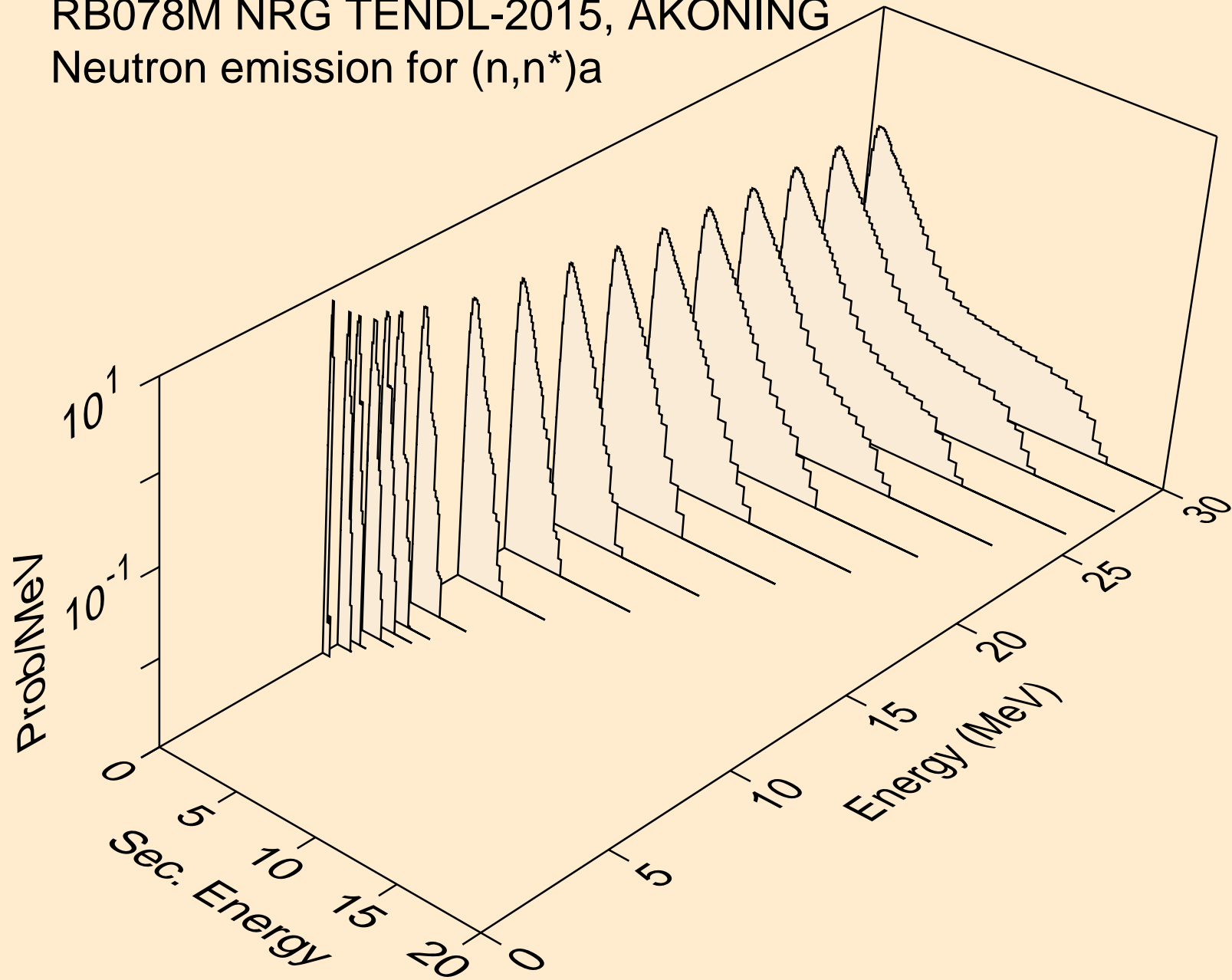
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



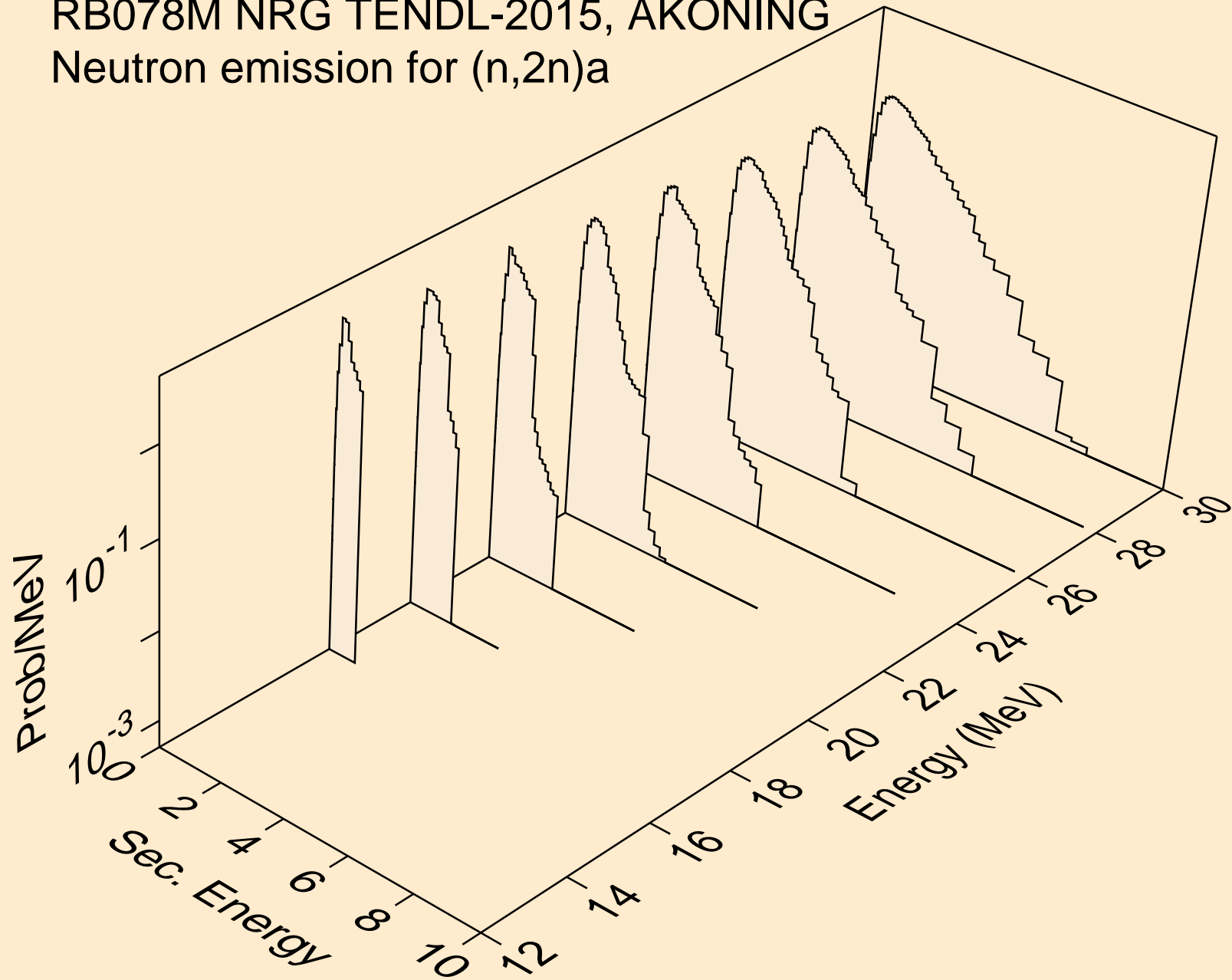
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



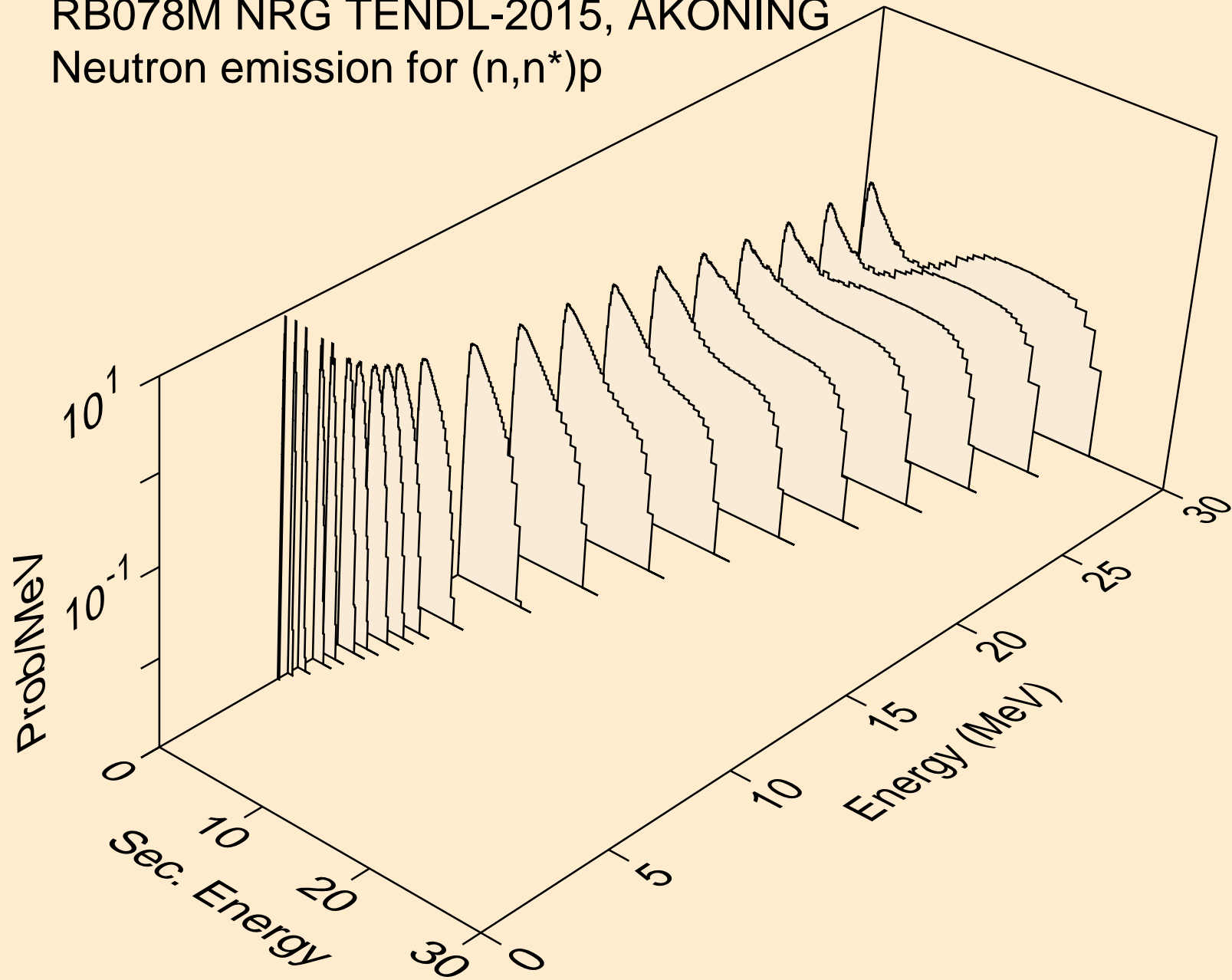
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



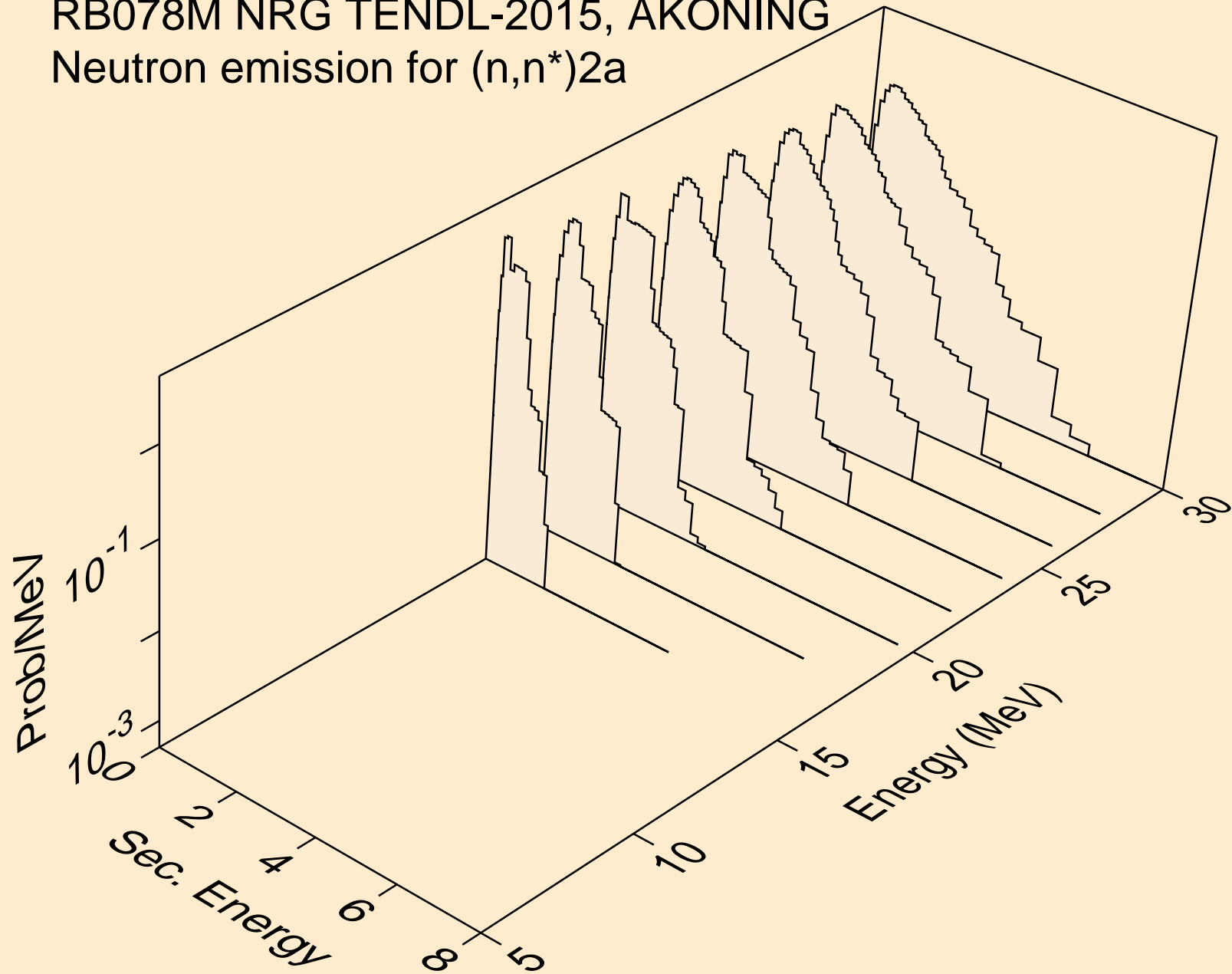
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

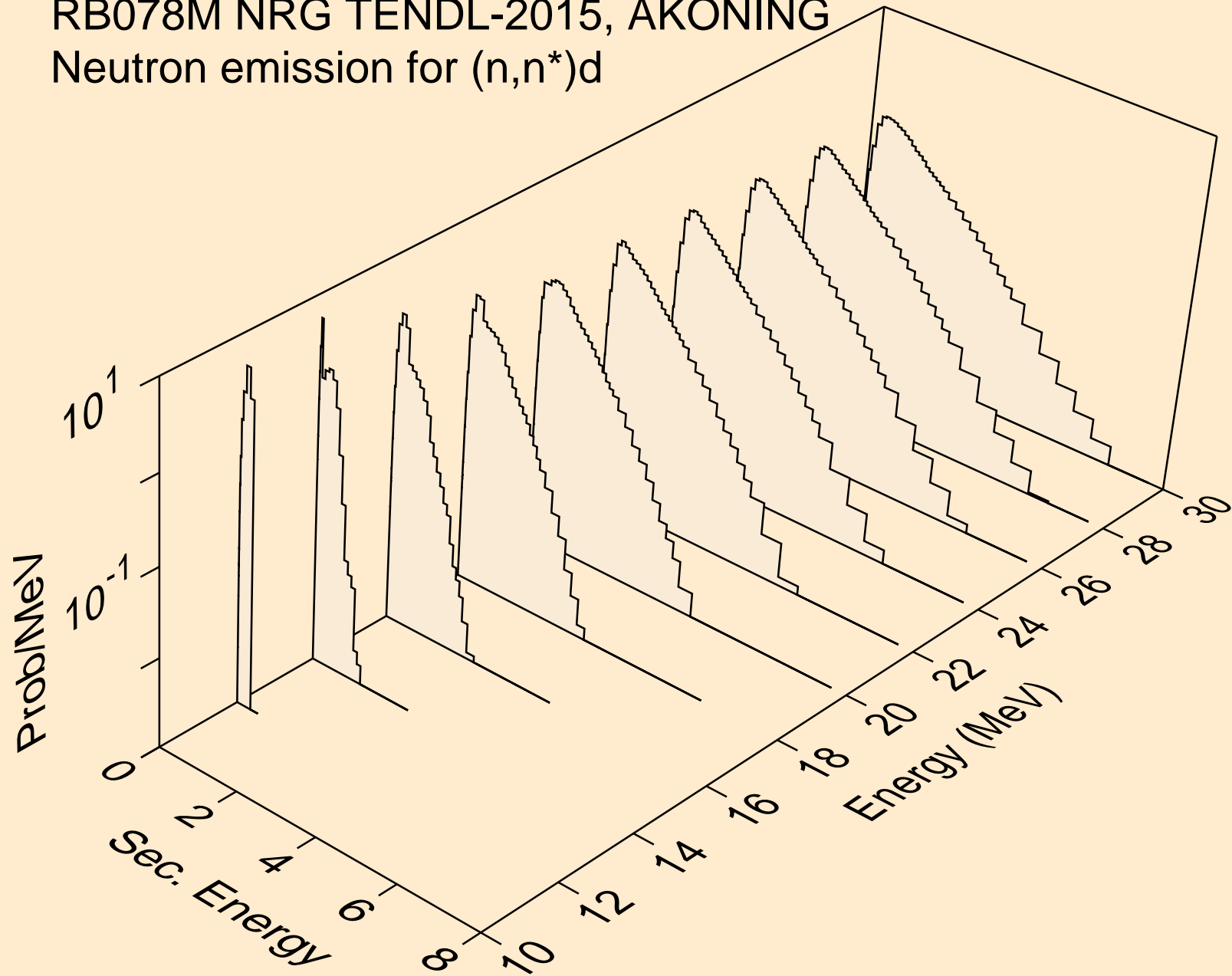


RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

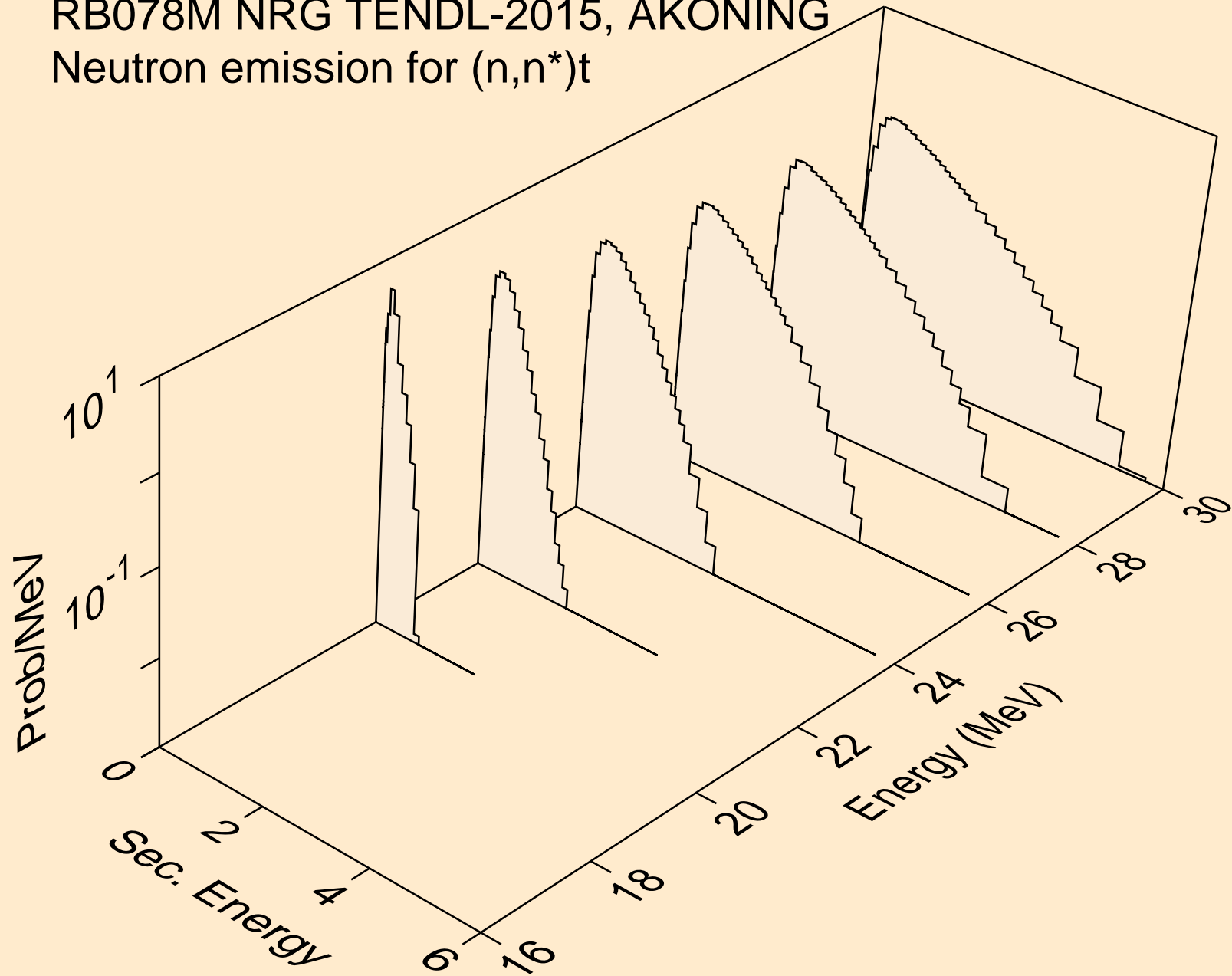




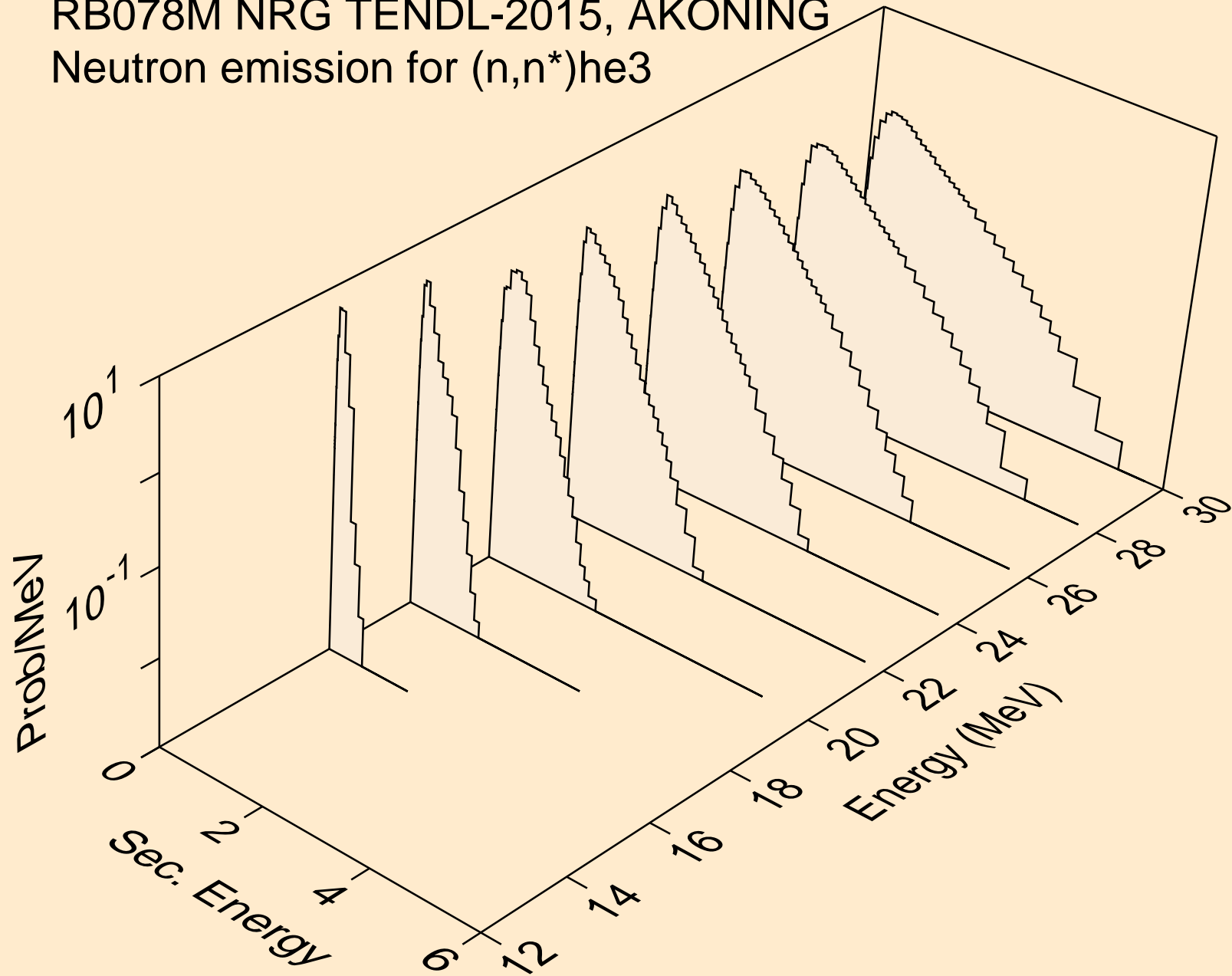
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



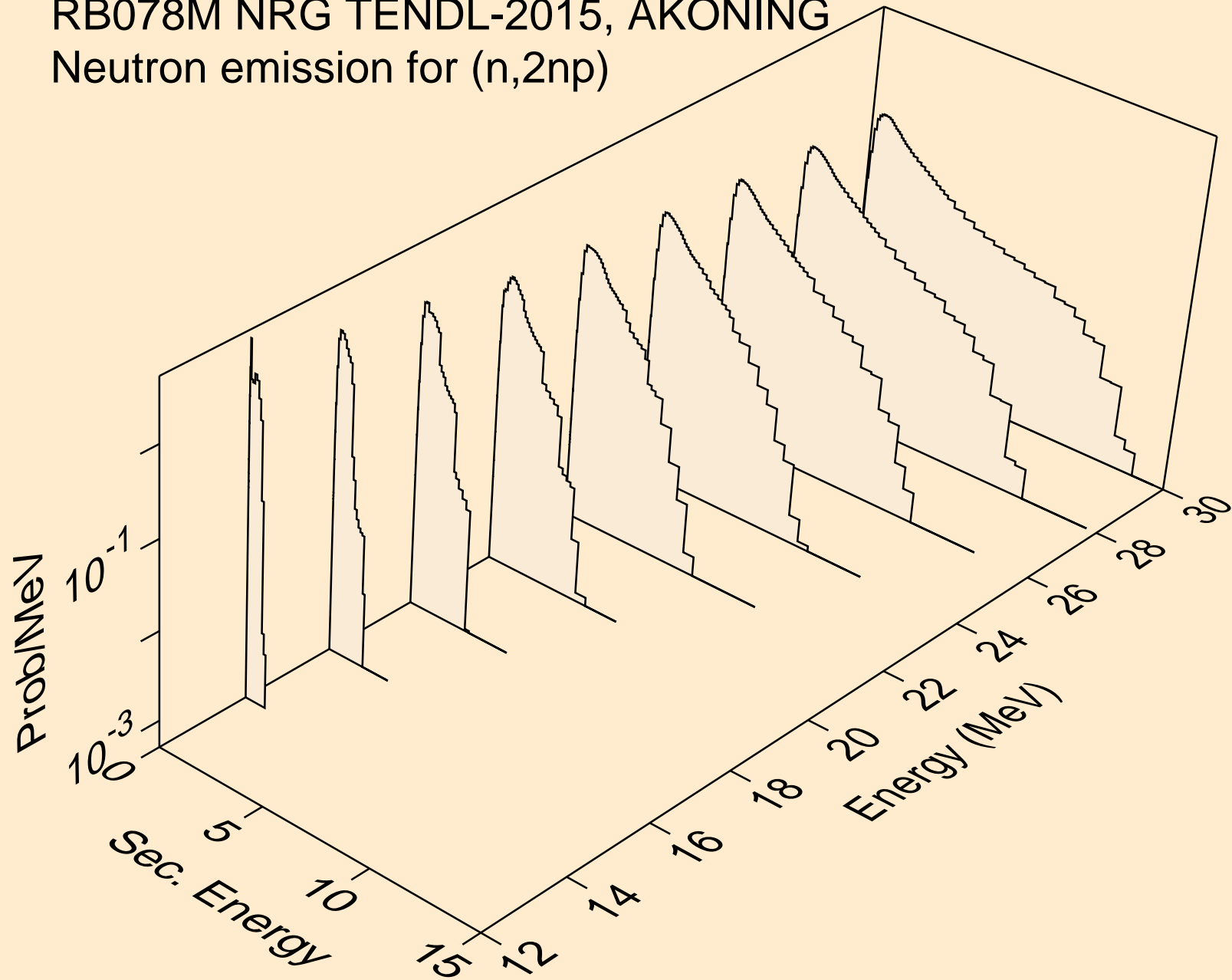
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



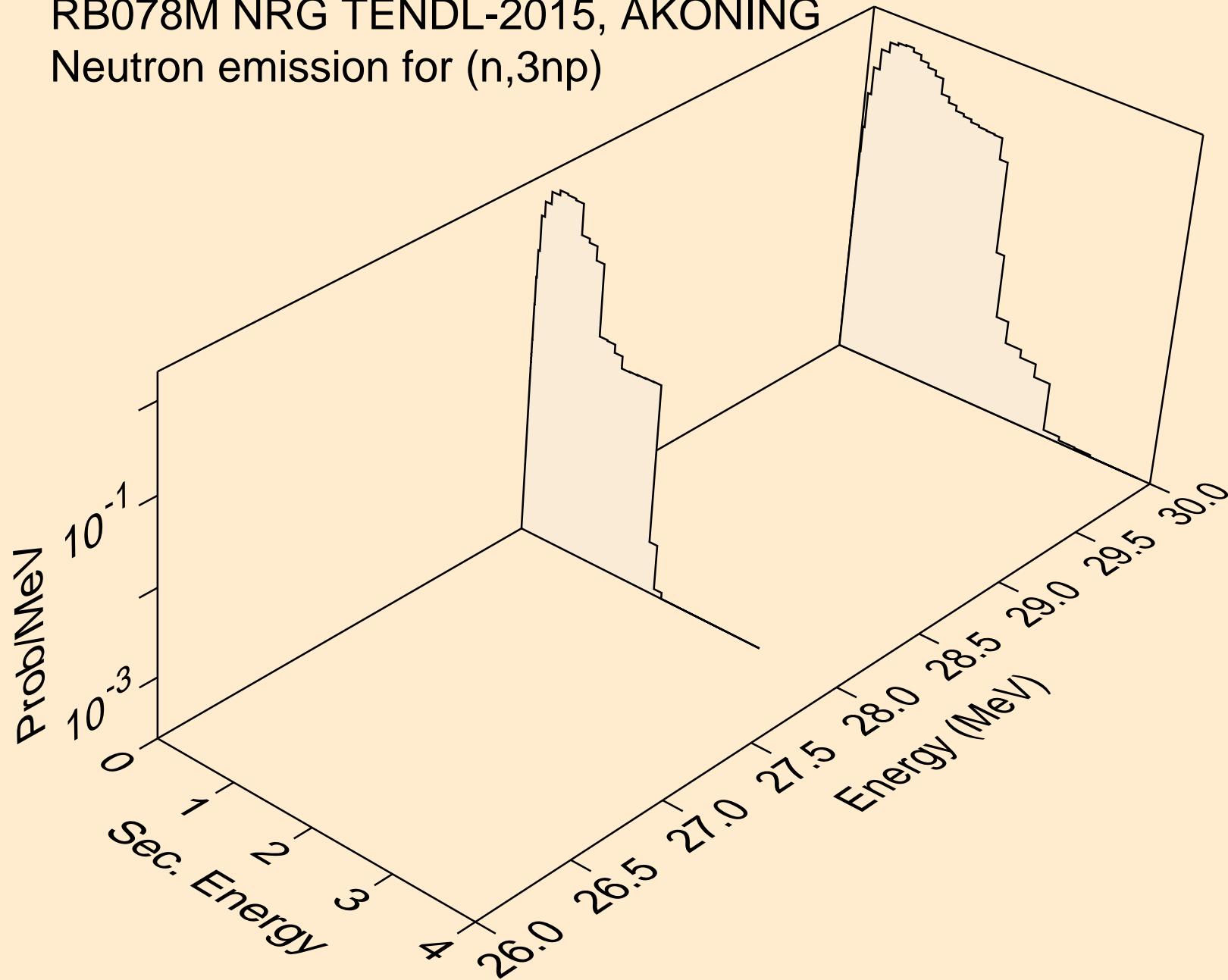
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



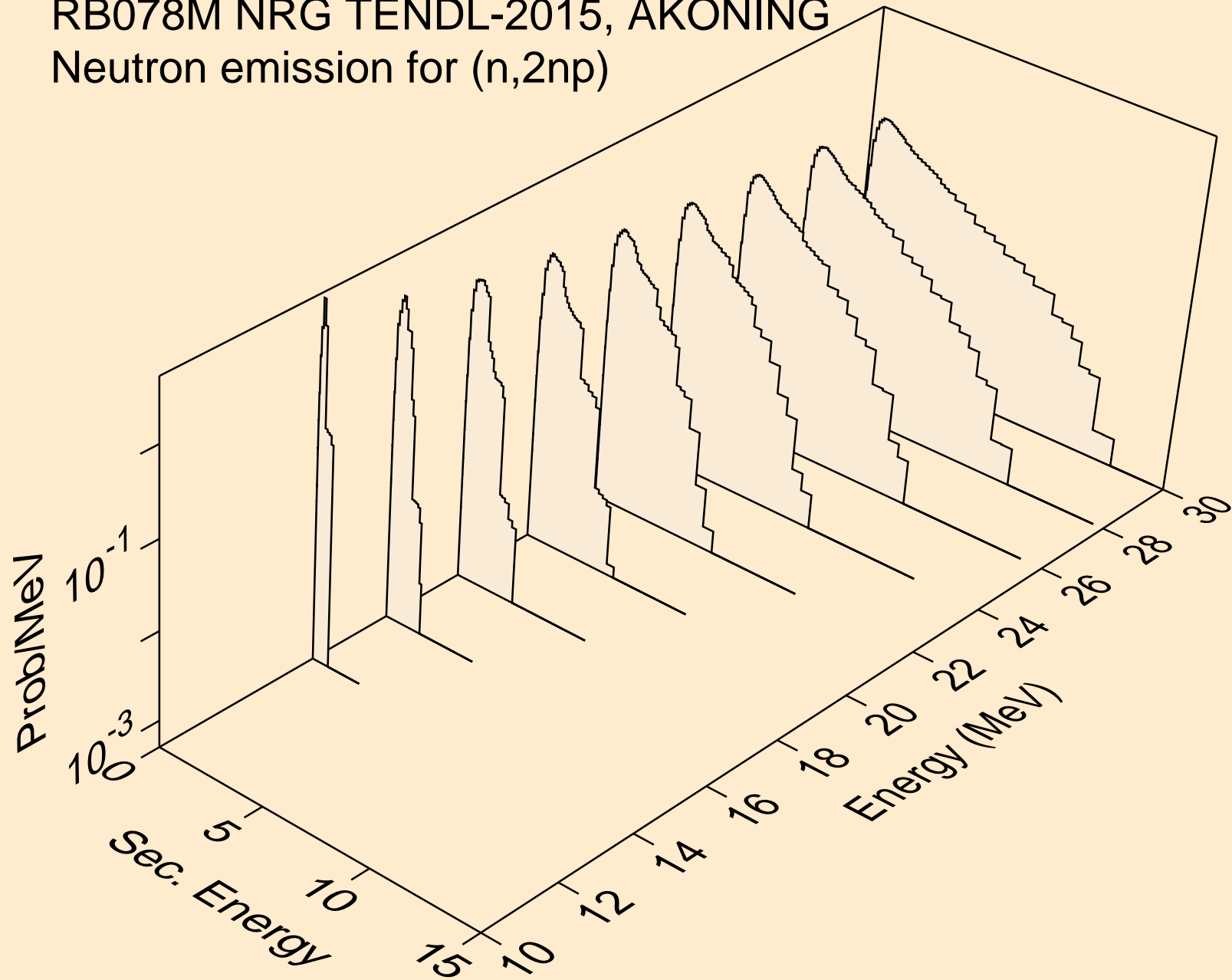
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



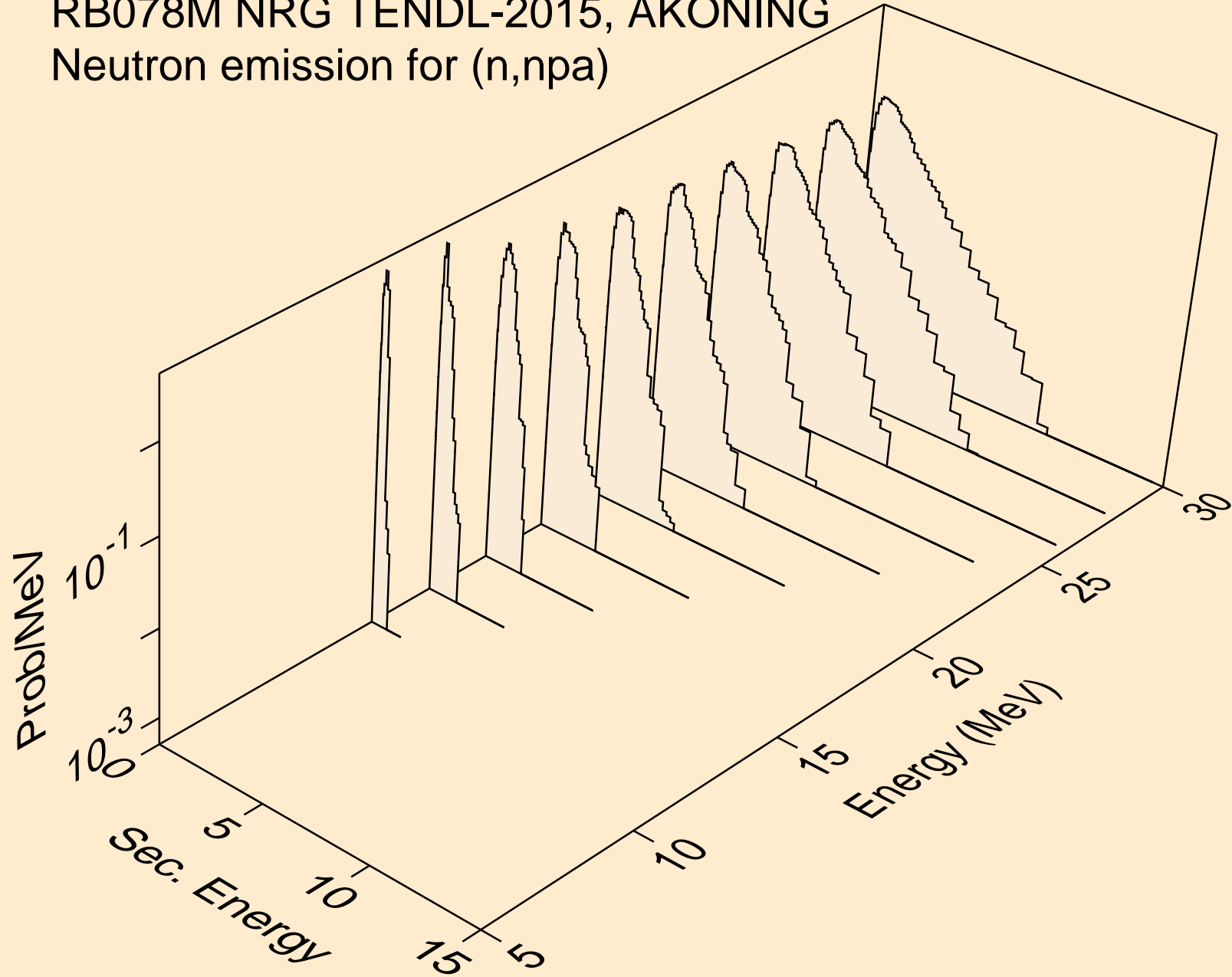
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



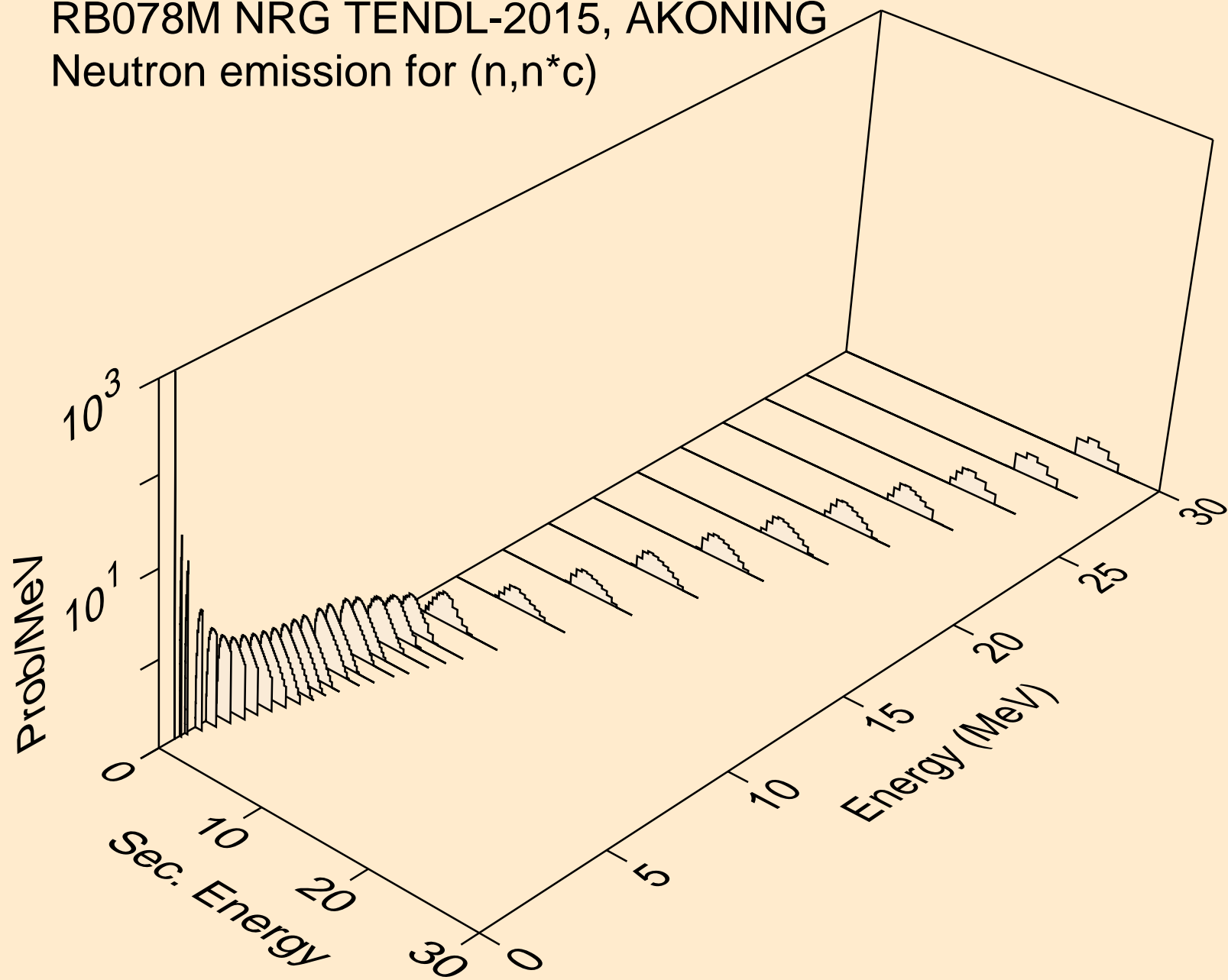
RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

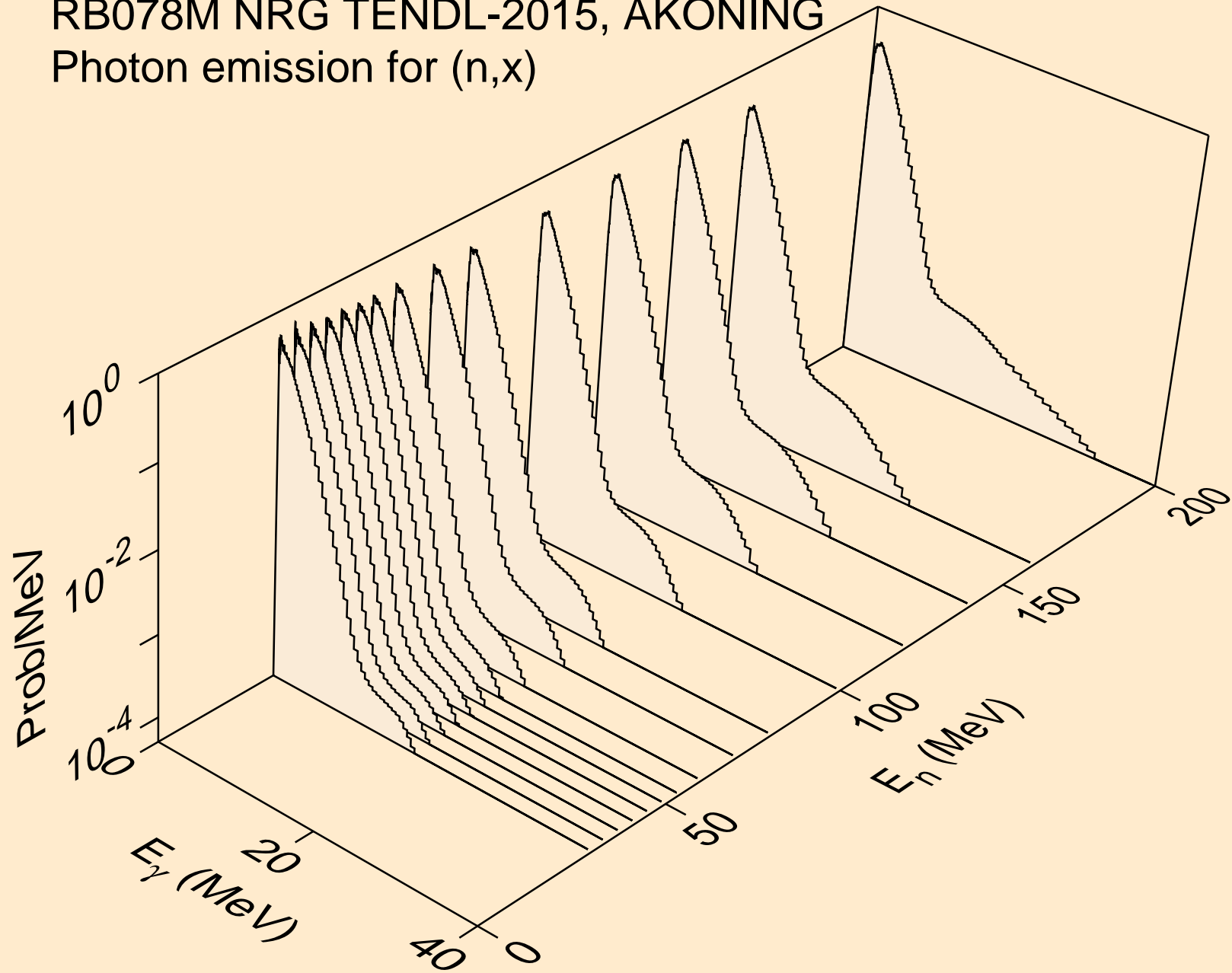


RB078M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

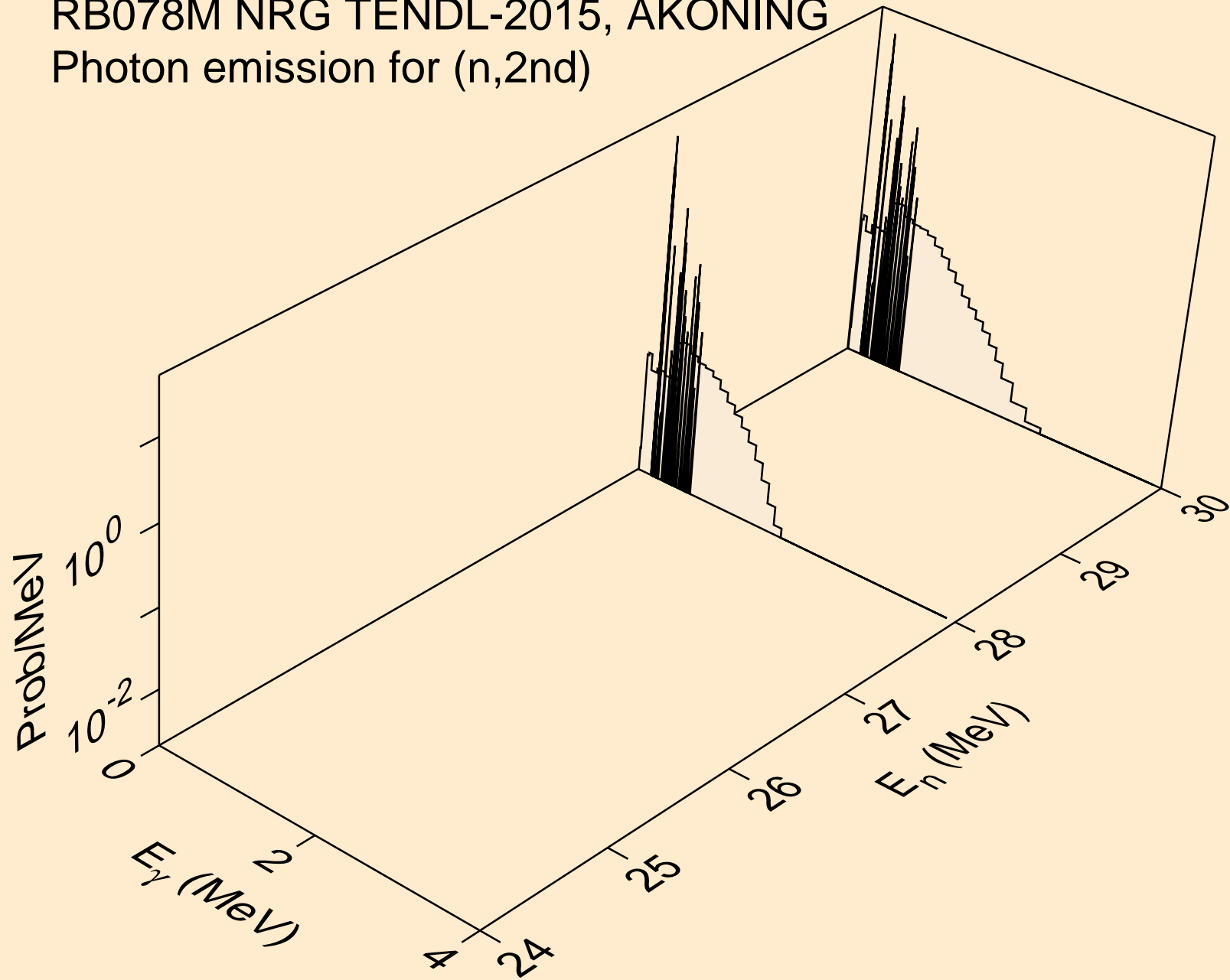




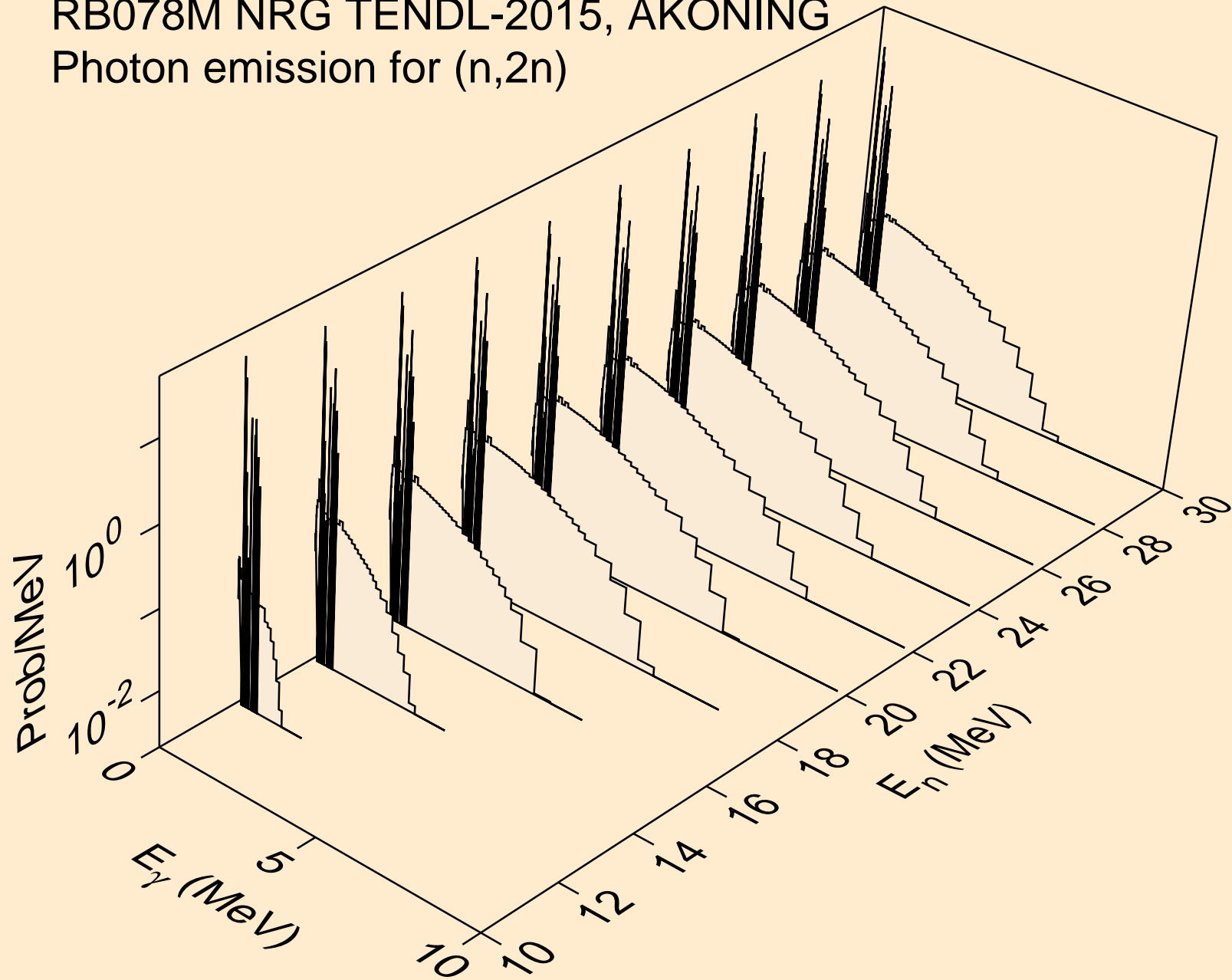
RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



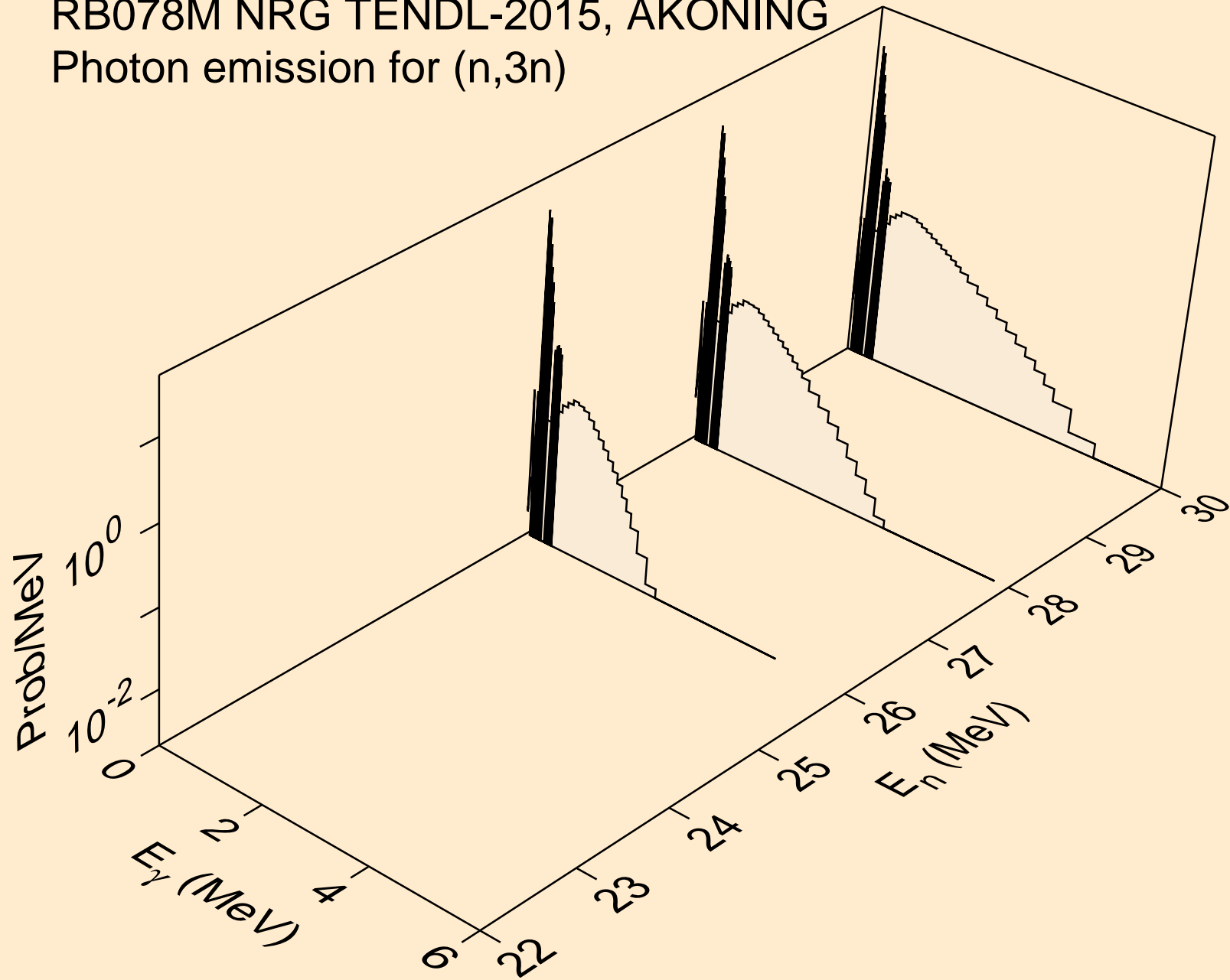
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Photon emission for (n,2nd)



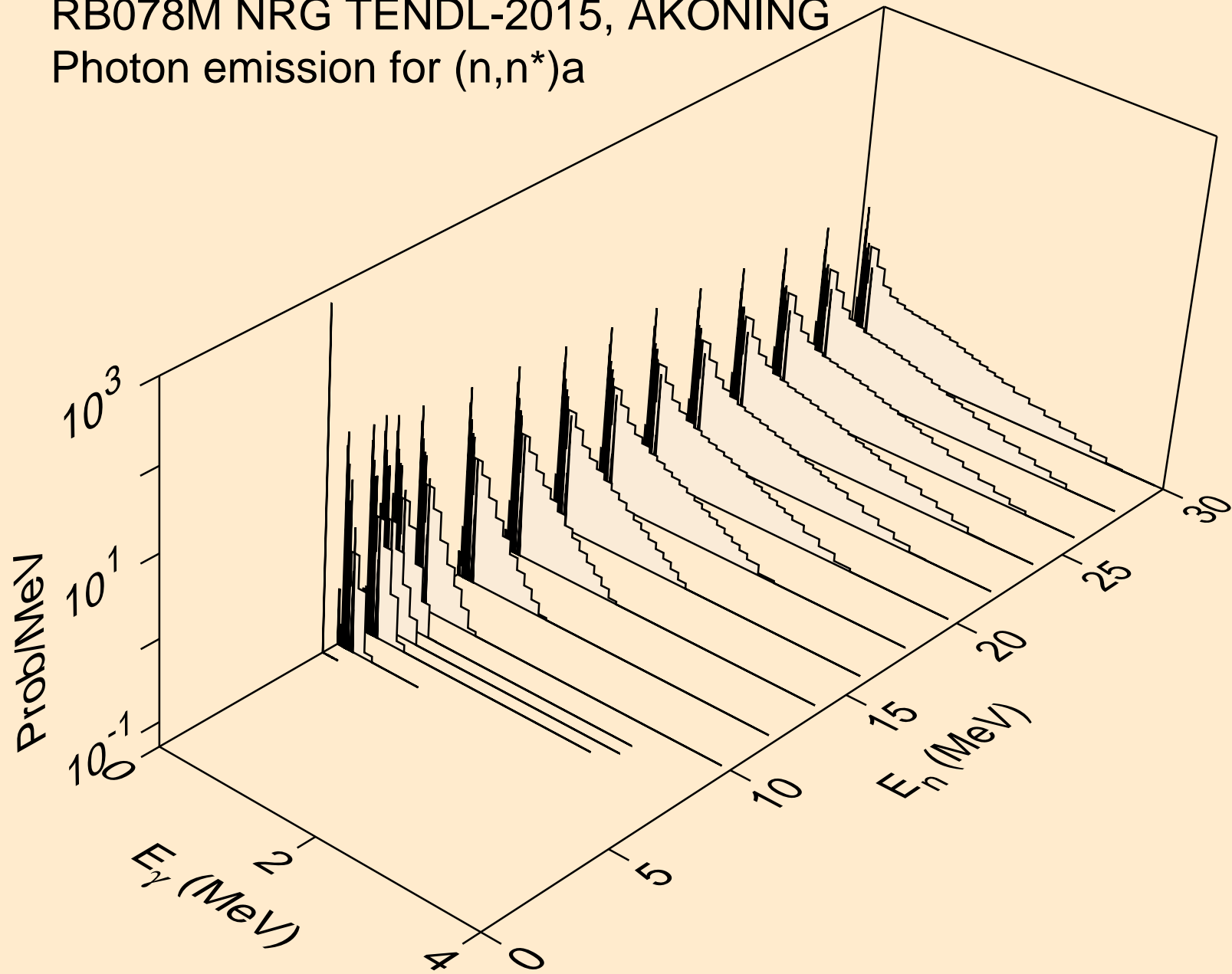
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Photon emission for (n,2n)



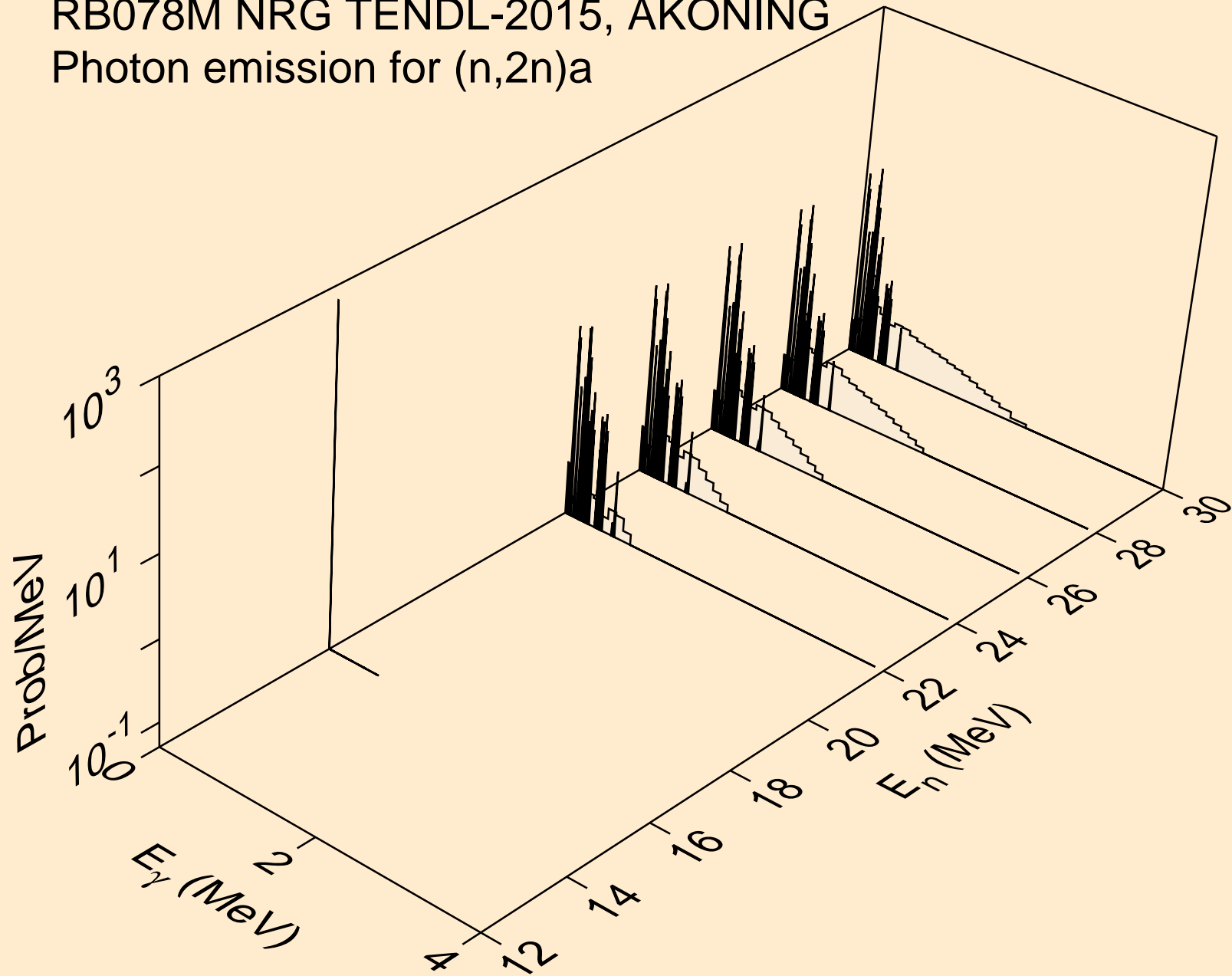
RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



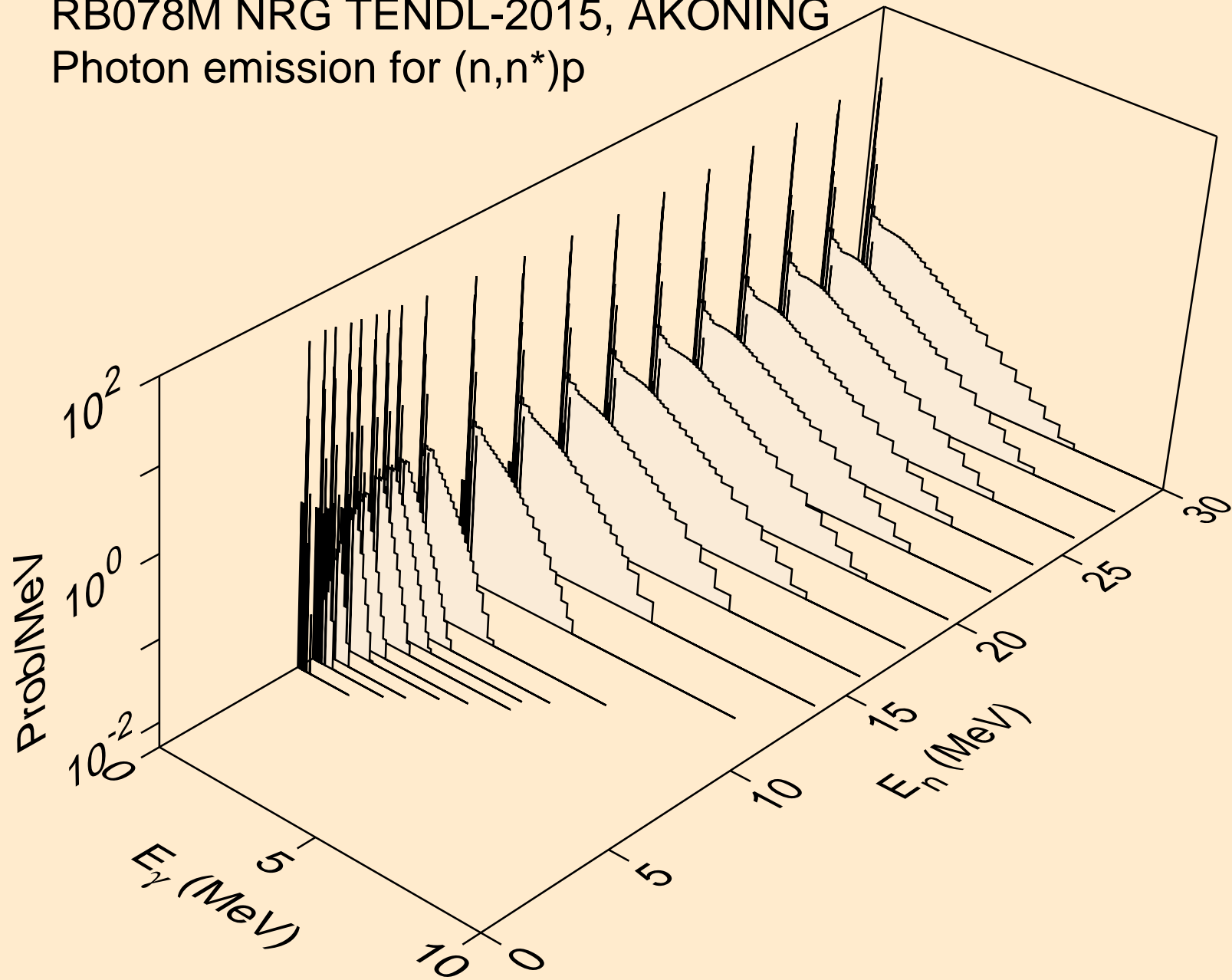
RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



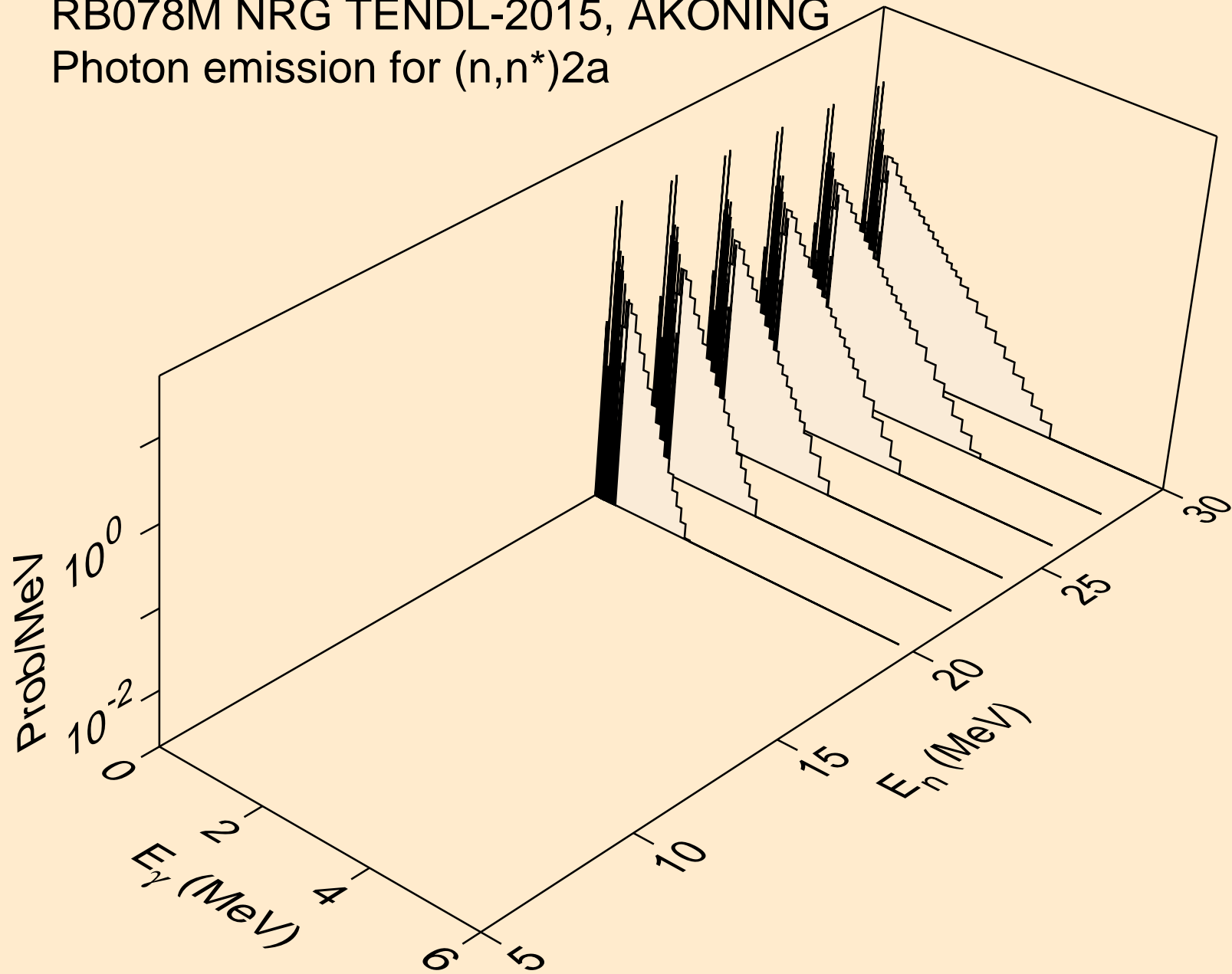
RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

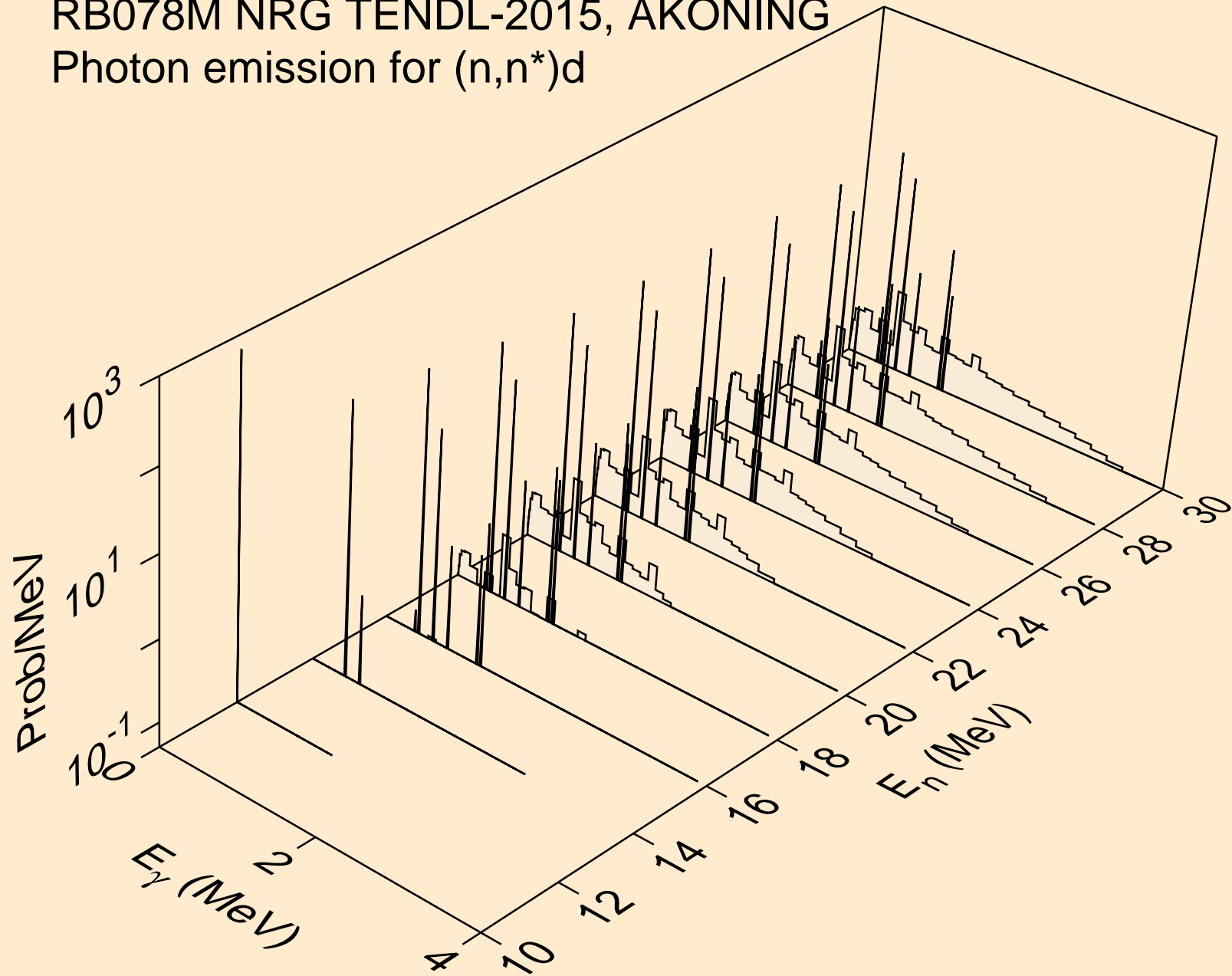


RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

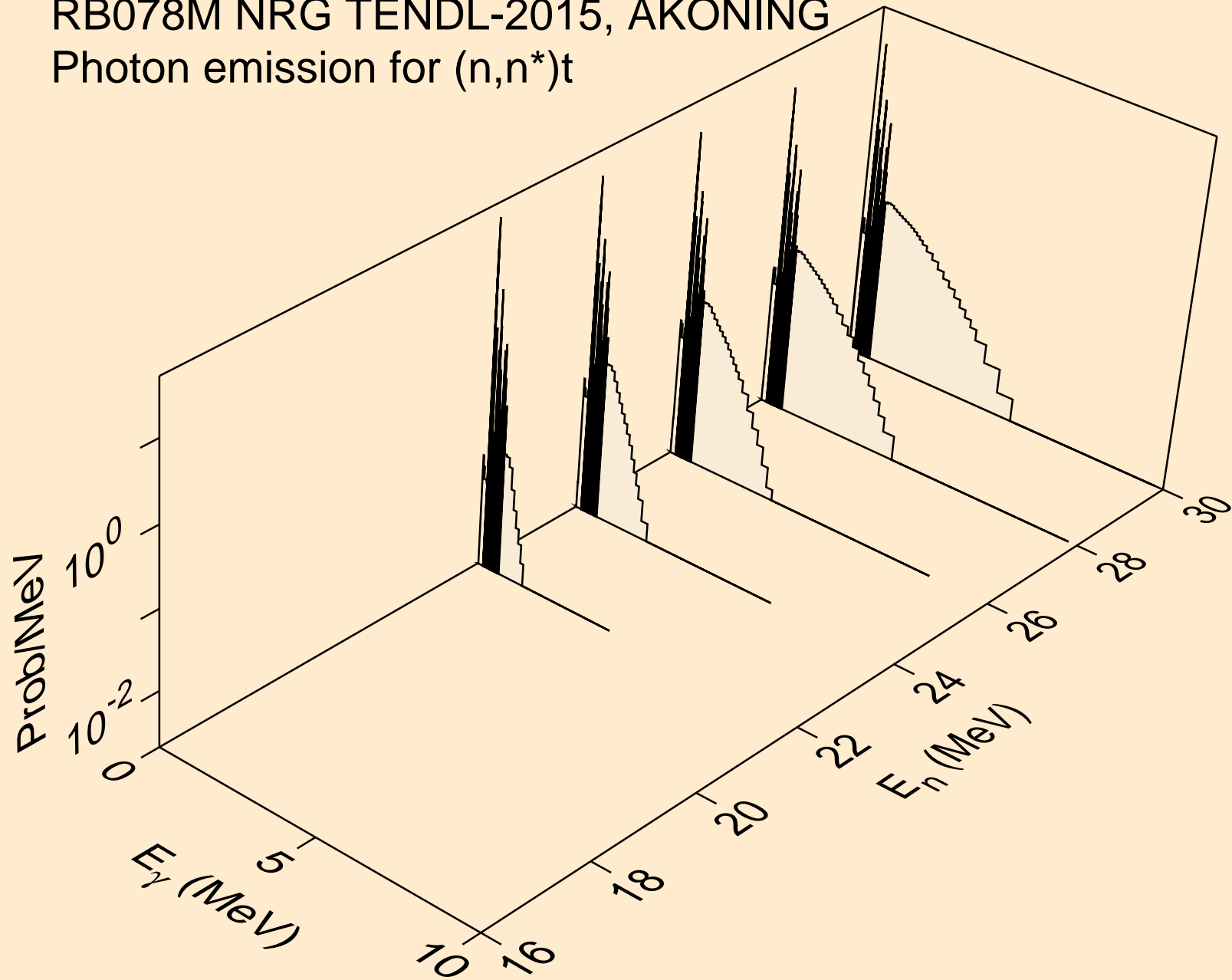




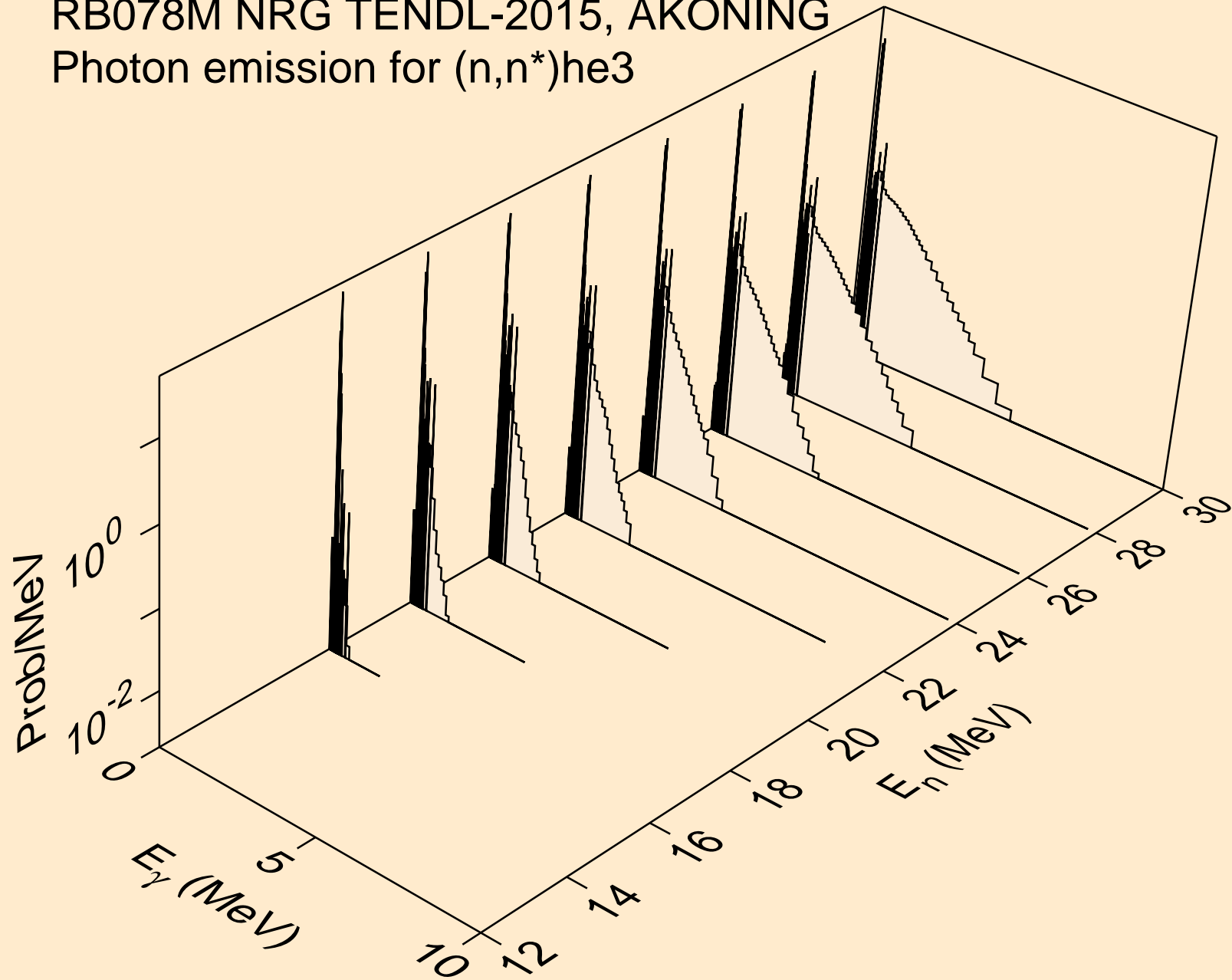
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Photon emission for (n,n\*)d



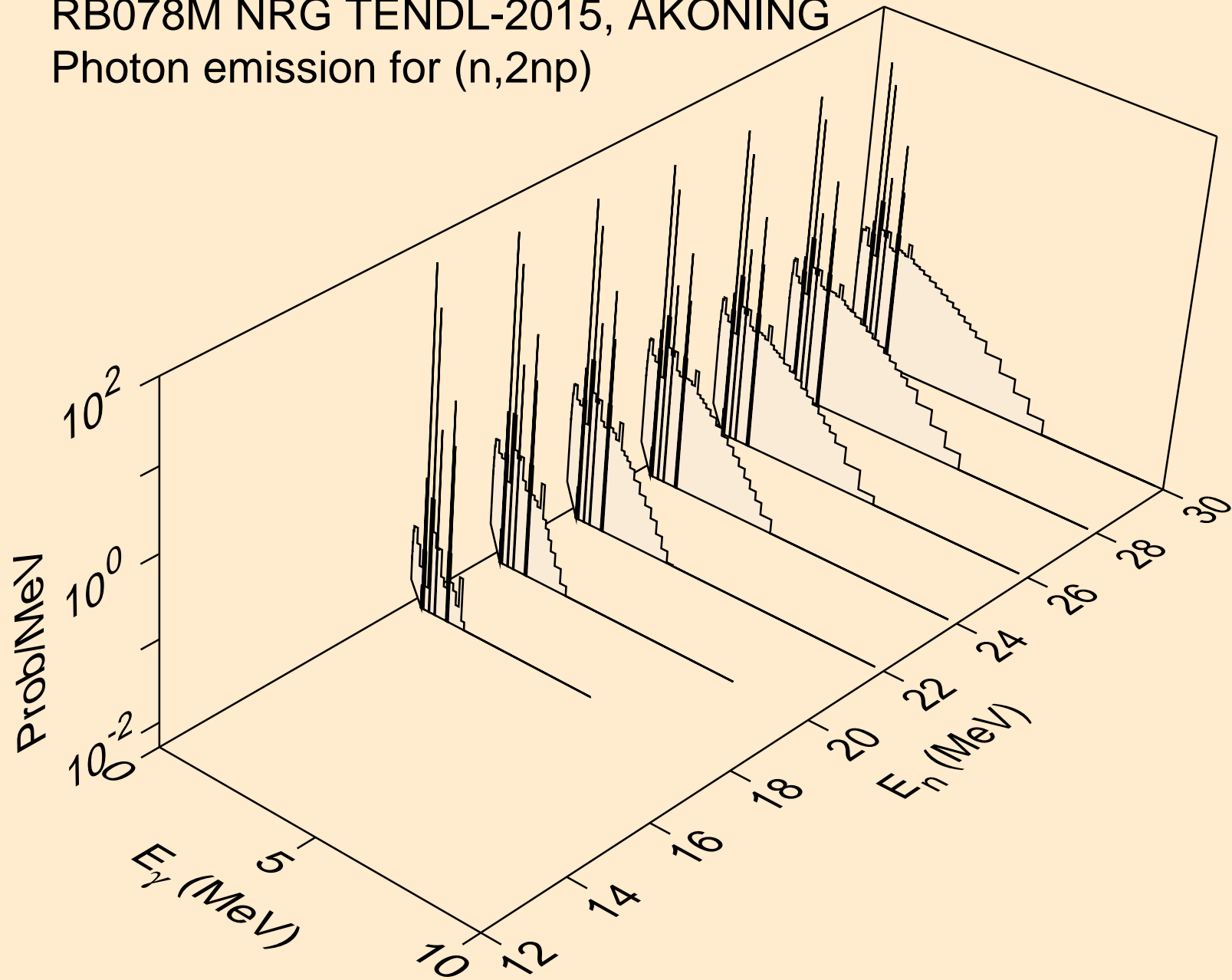
RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



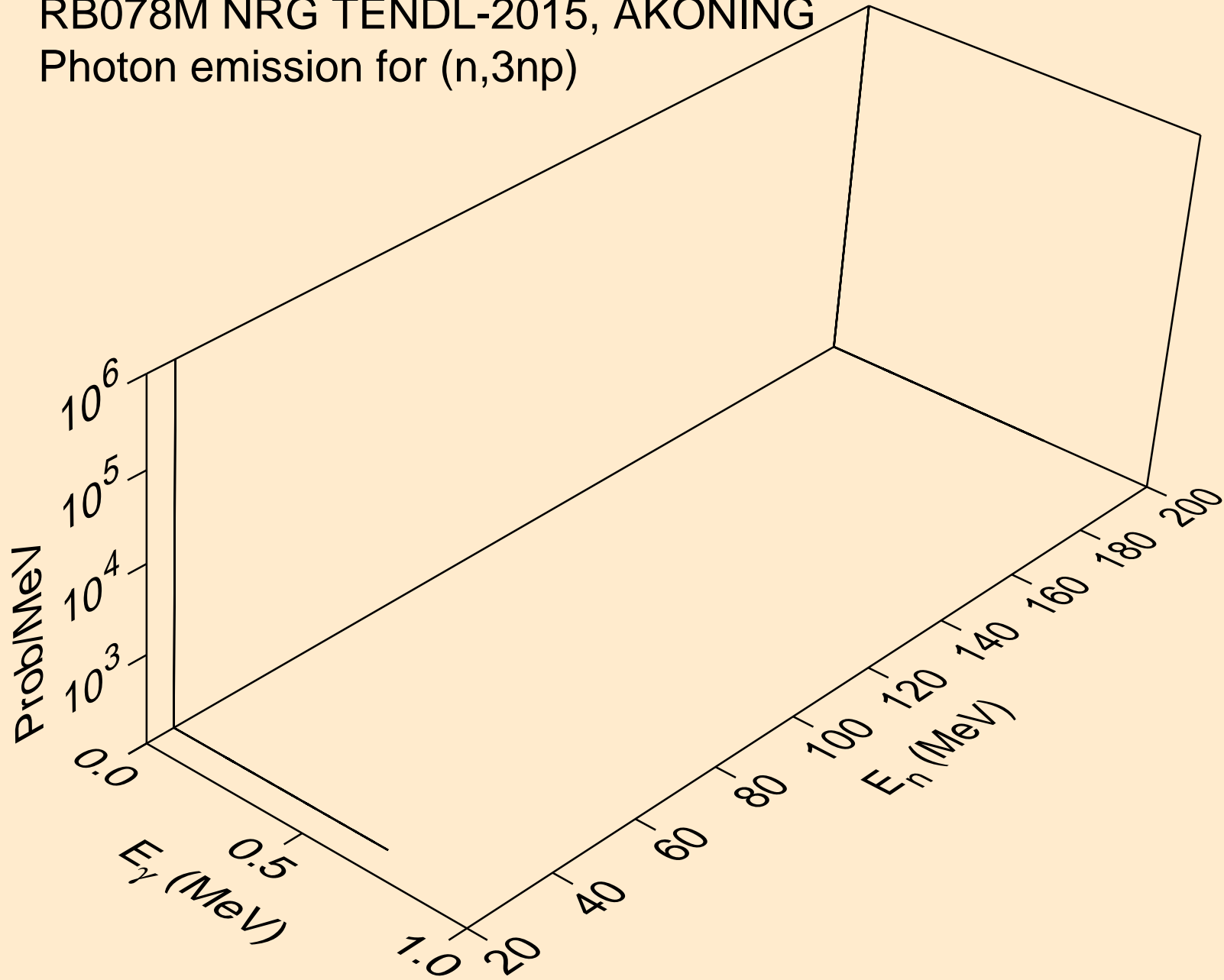
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Photon emission for (n,n\*)he3



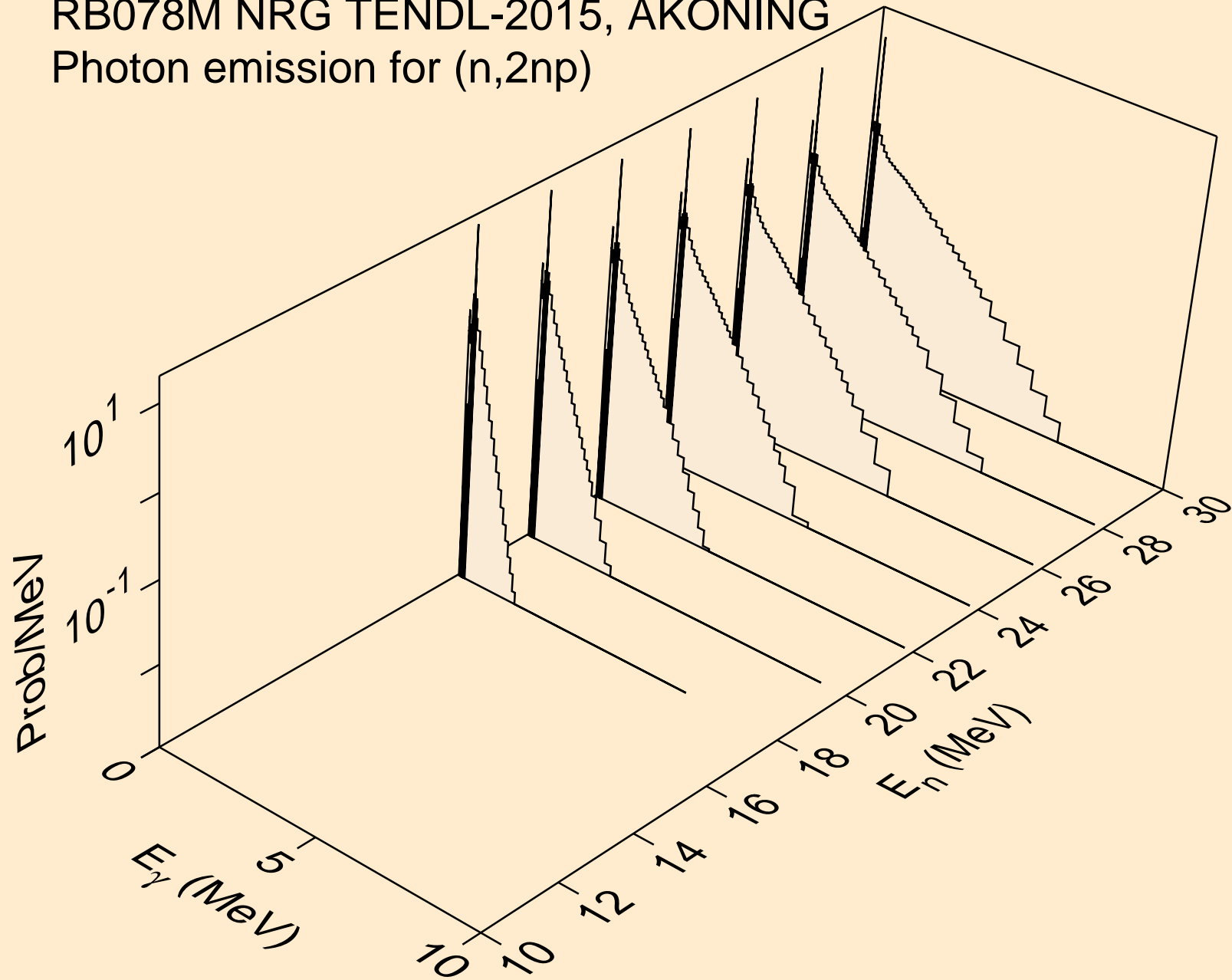
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Photon emission for (n,2np)



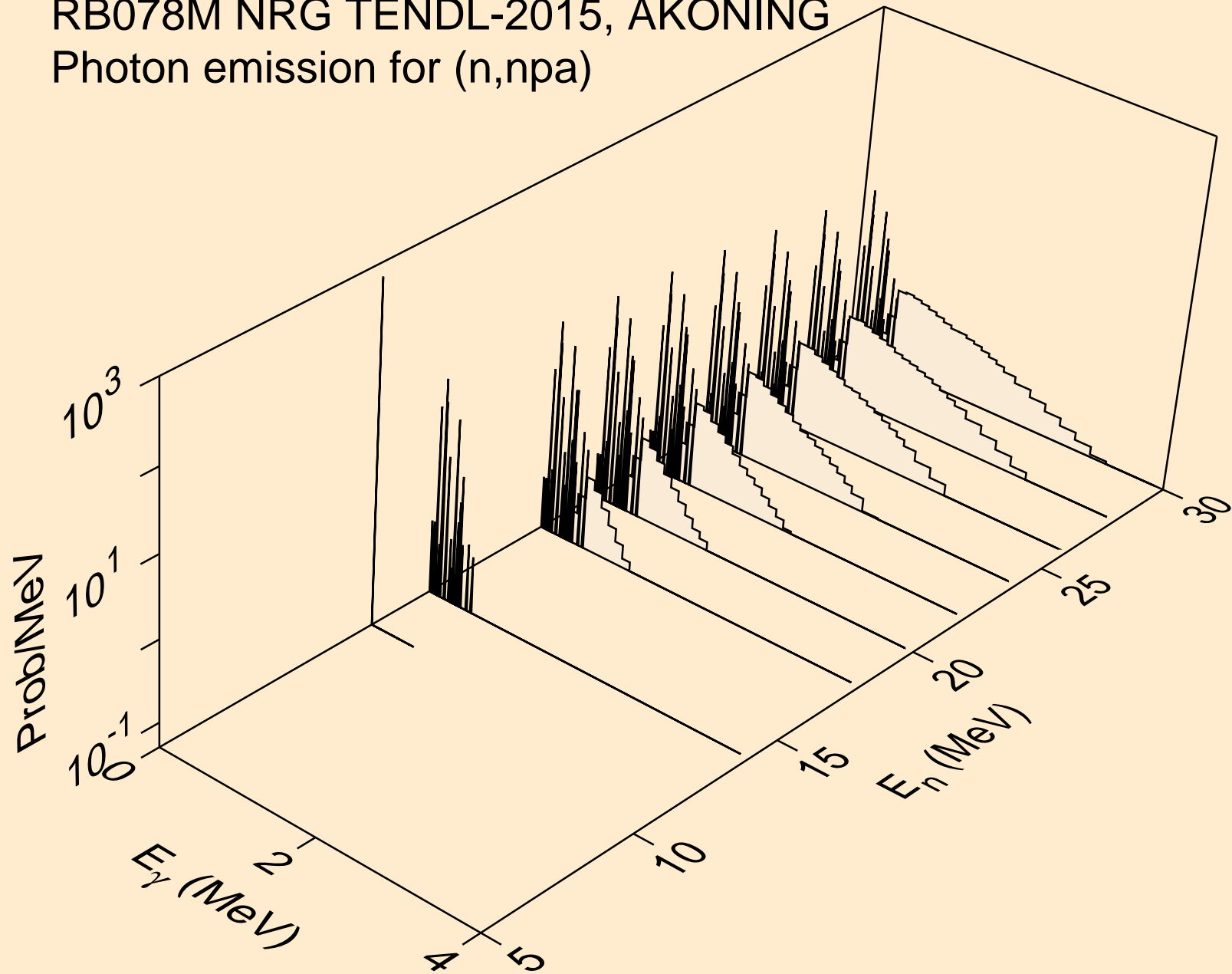
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Photon emission for (n,3np)



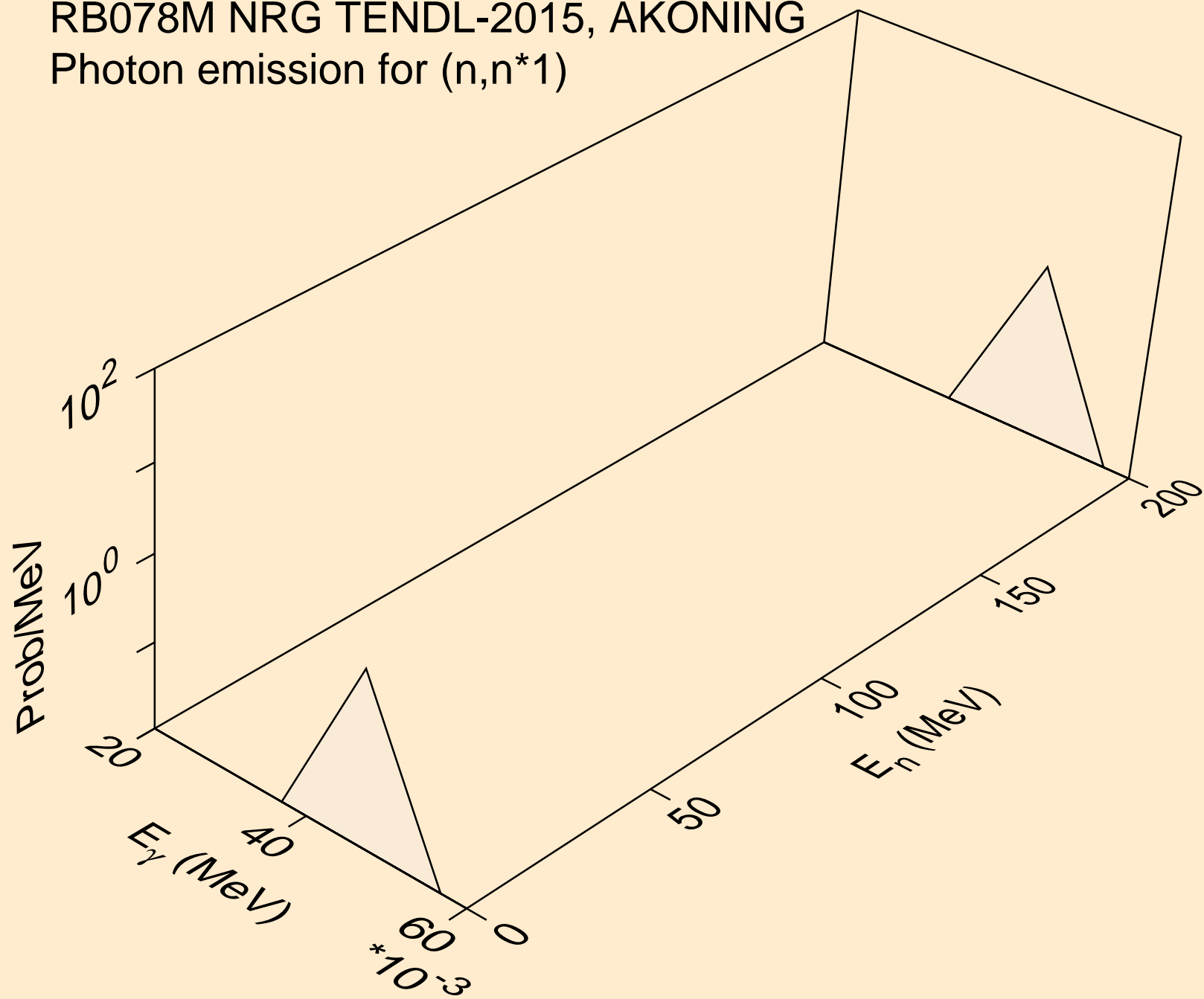
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Photon emission for (n,2np)



RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

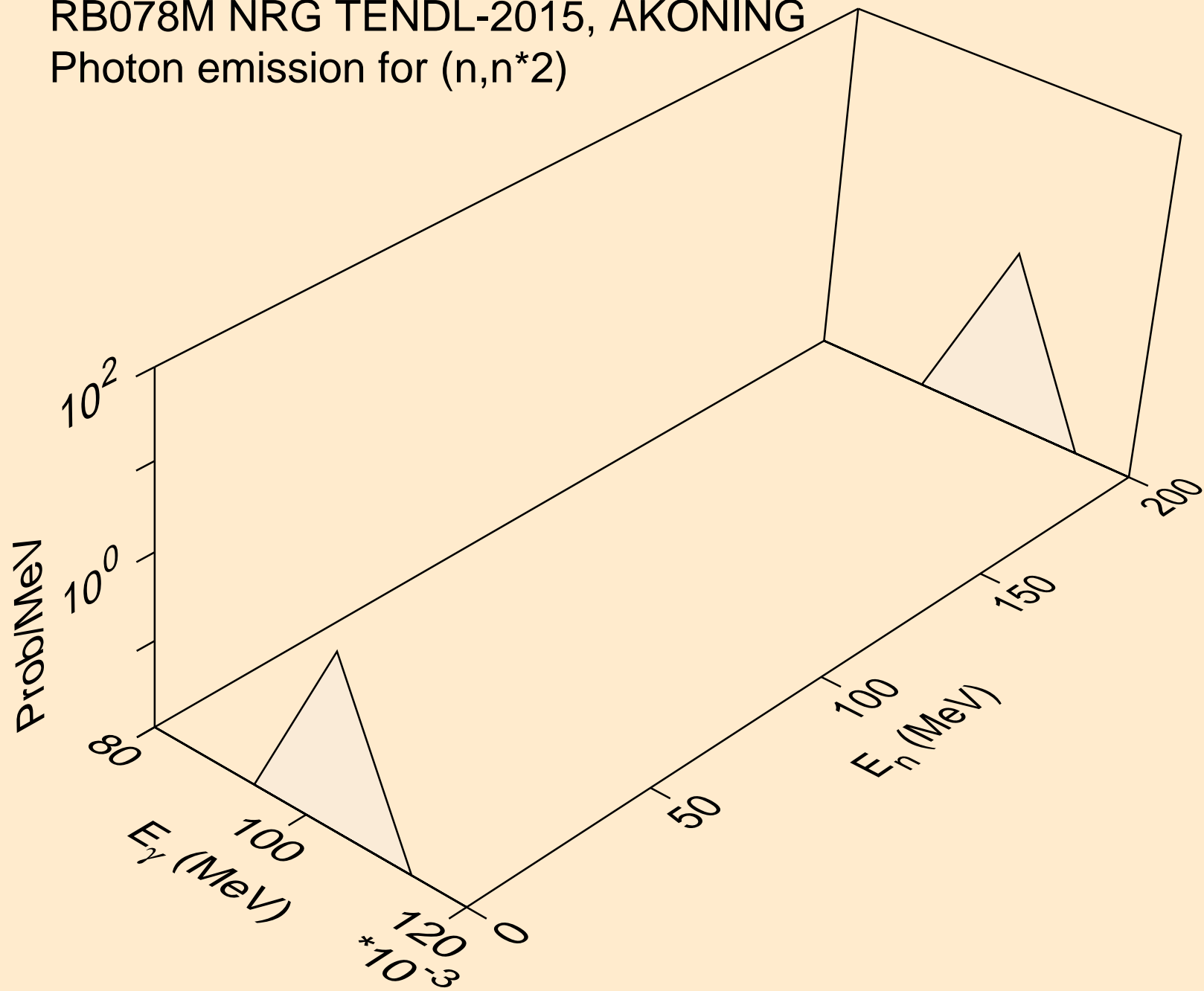


RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)

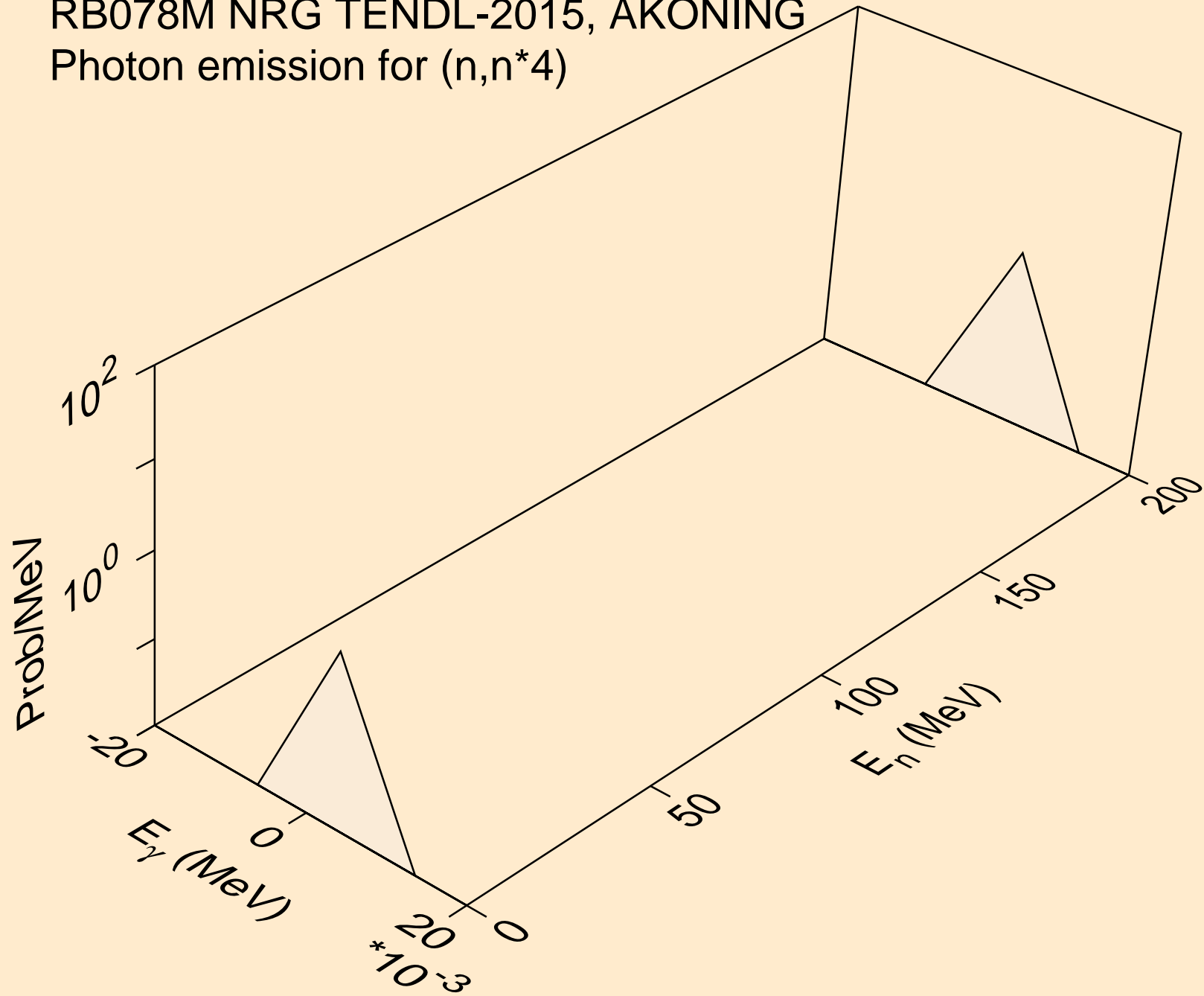




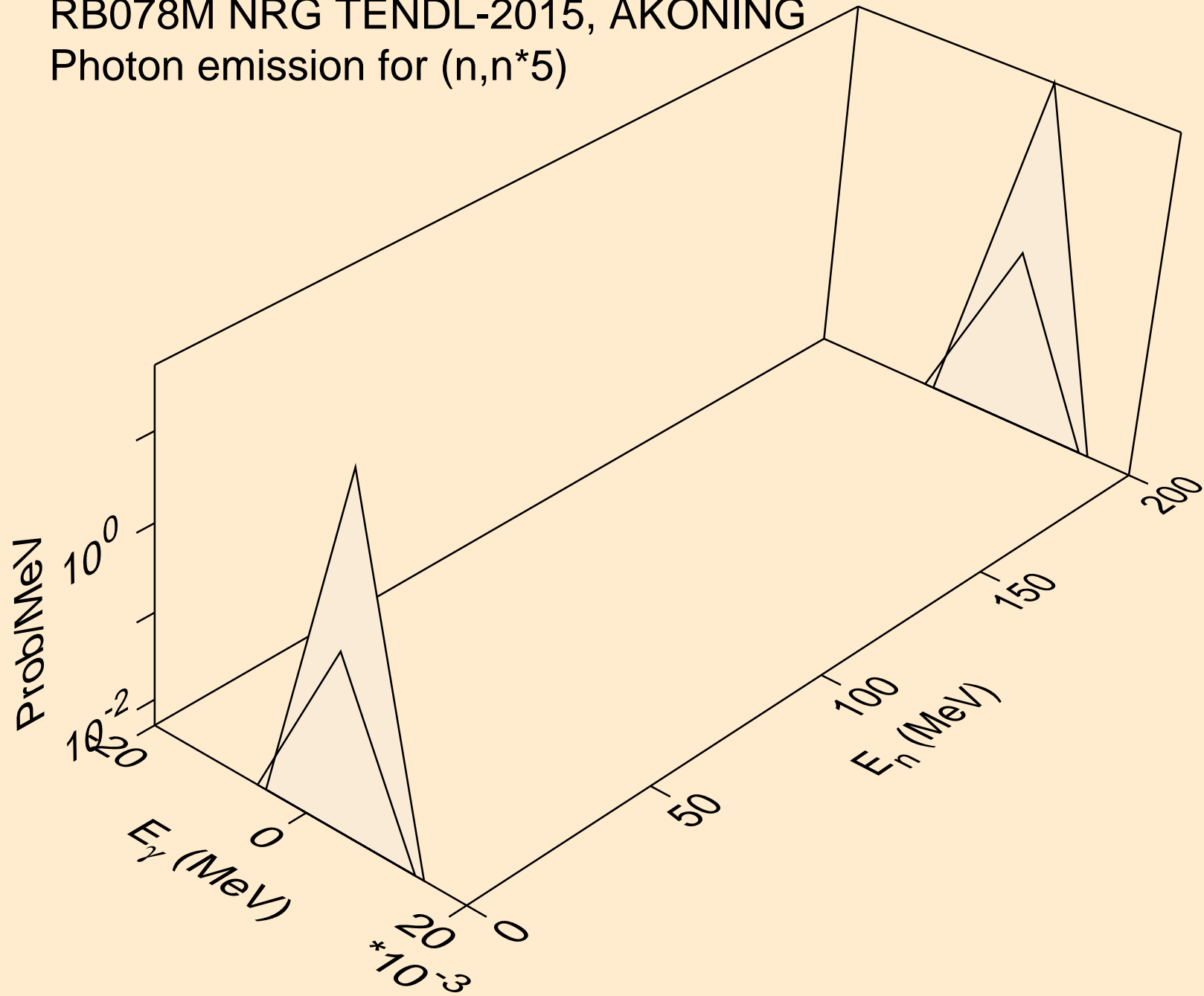
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Photon emission for (n,n\*2)



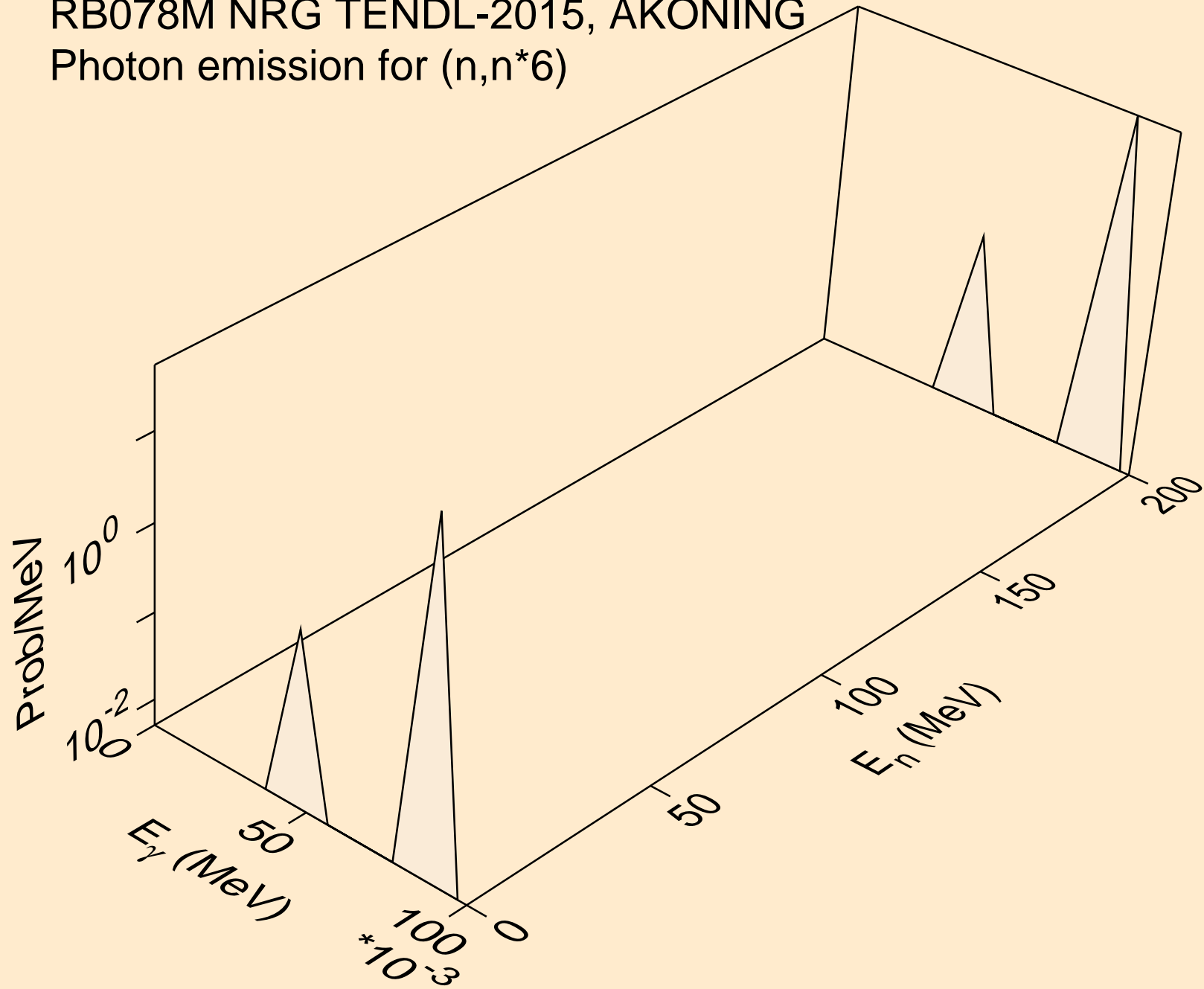
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Photon emission for (n,n\*4)



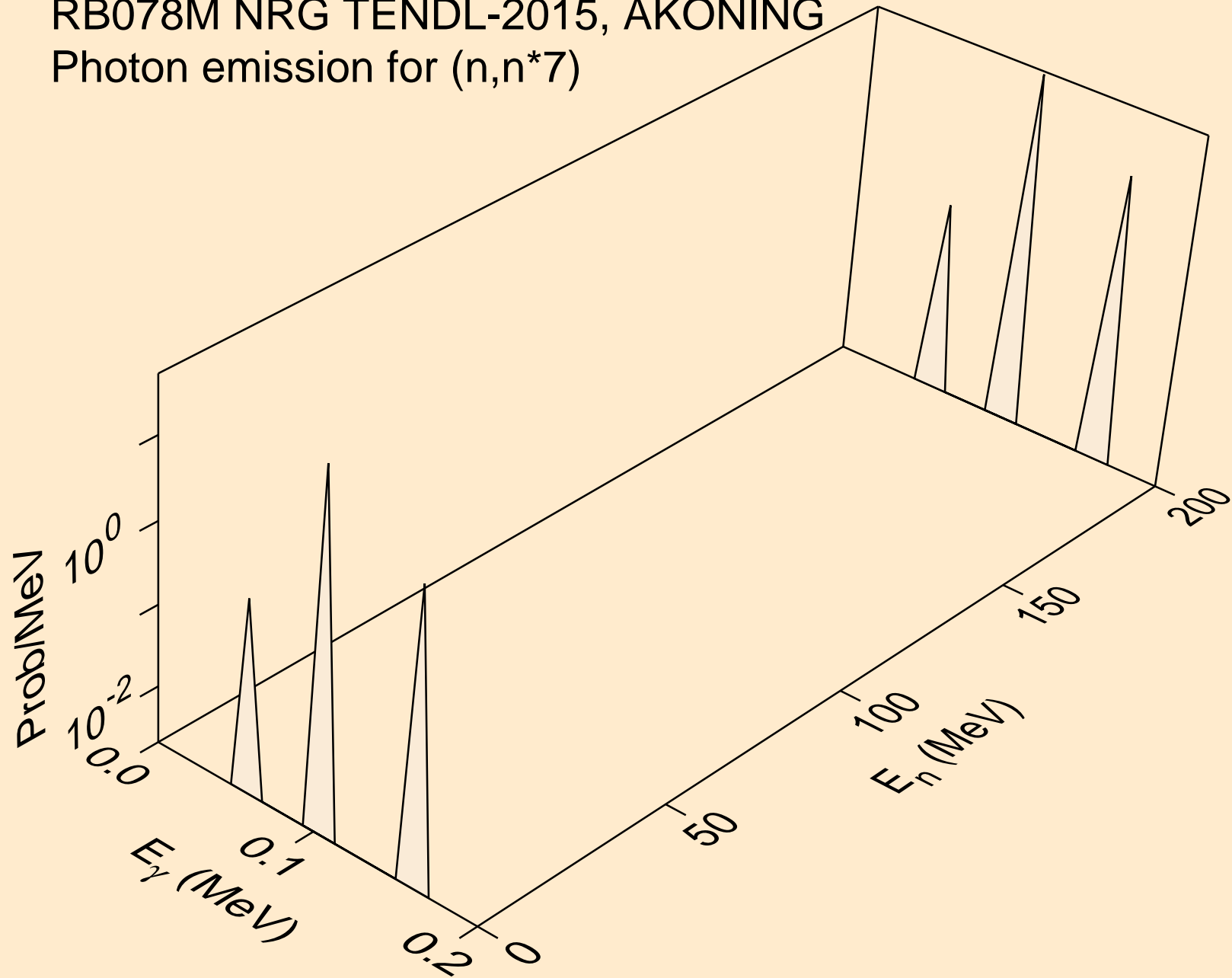
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Photon emission for (n,n\*5)



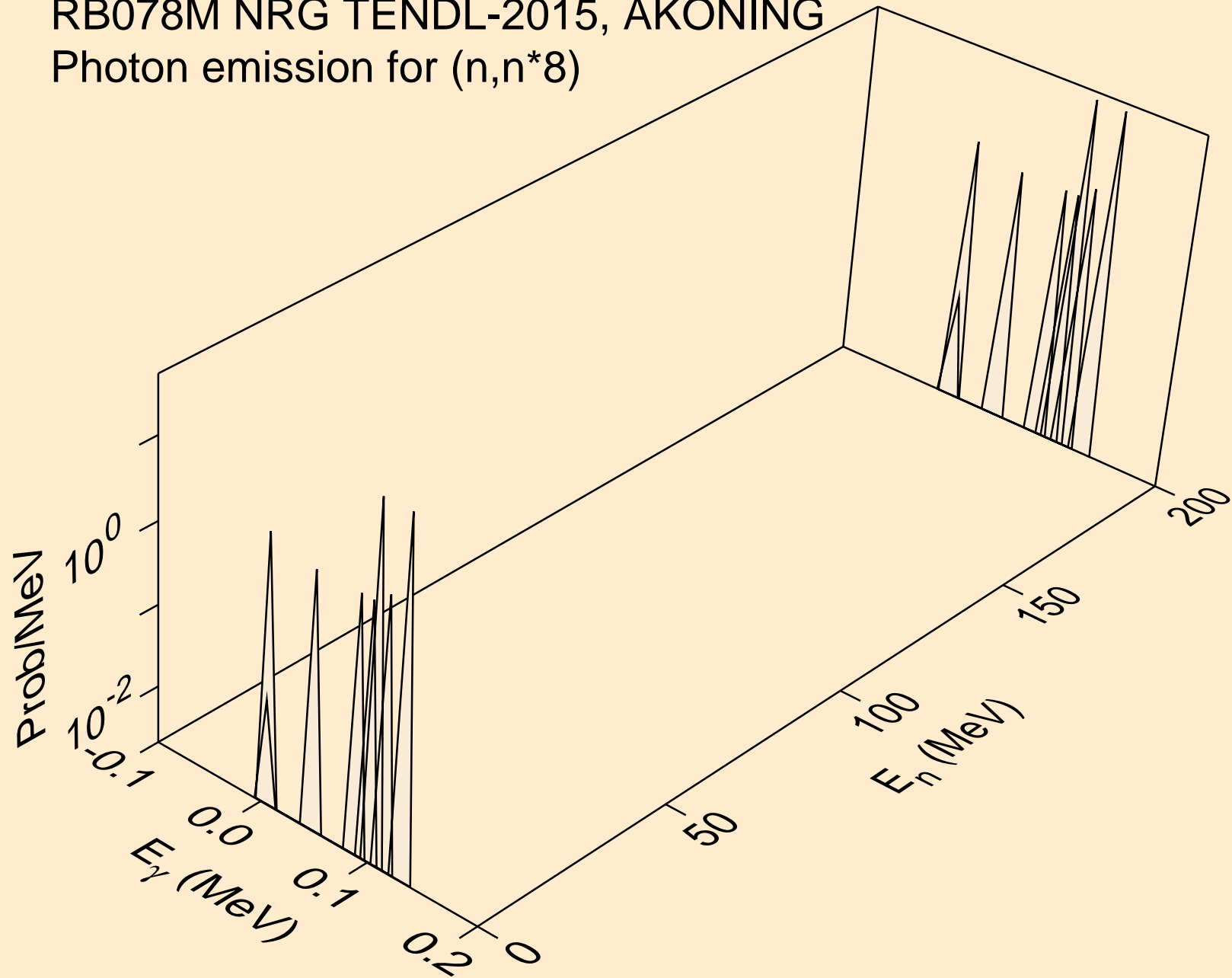
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Photon emission for (n,n\*6)



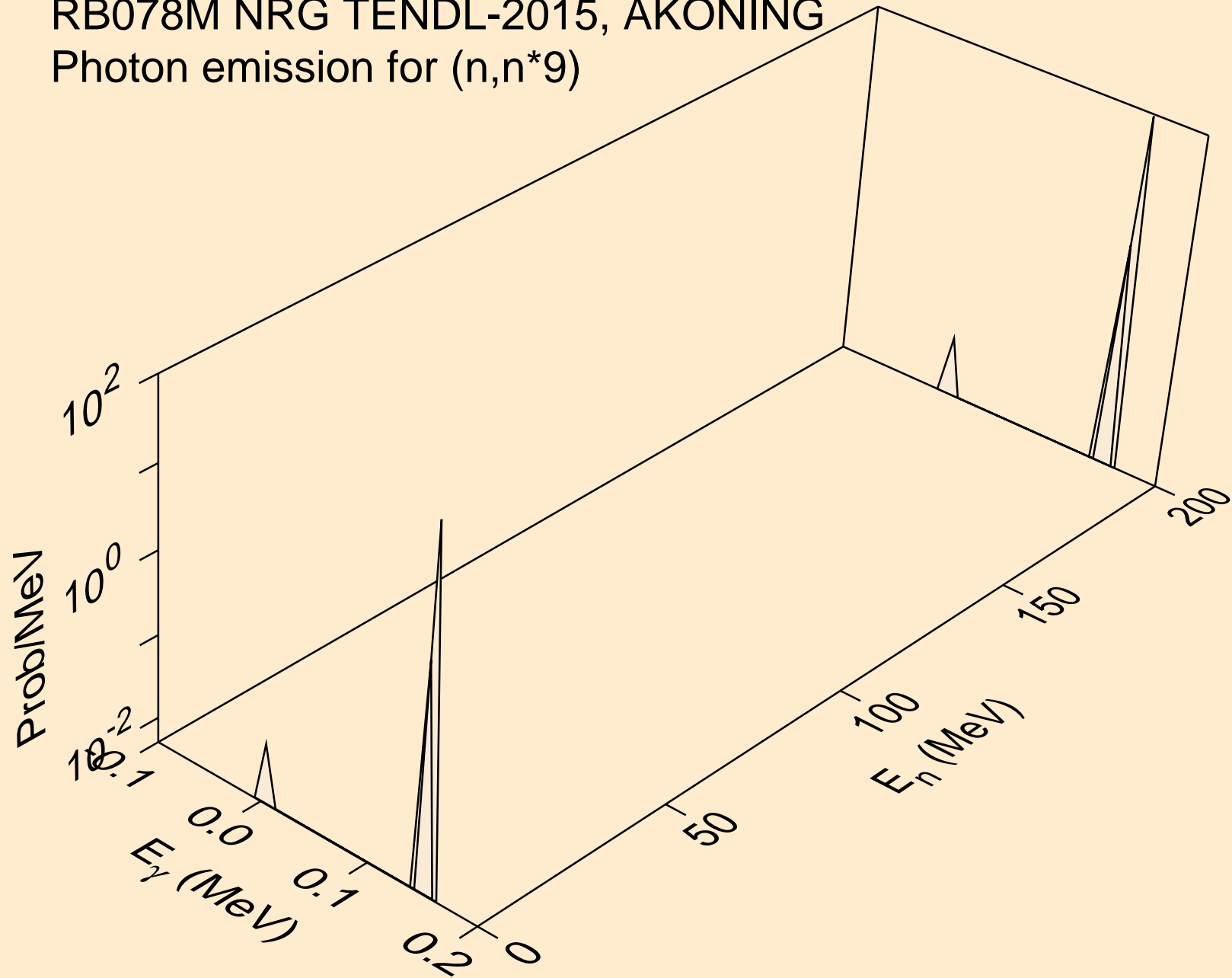
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Photon emission for (n,n\*7)



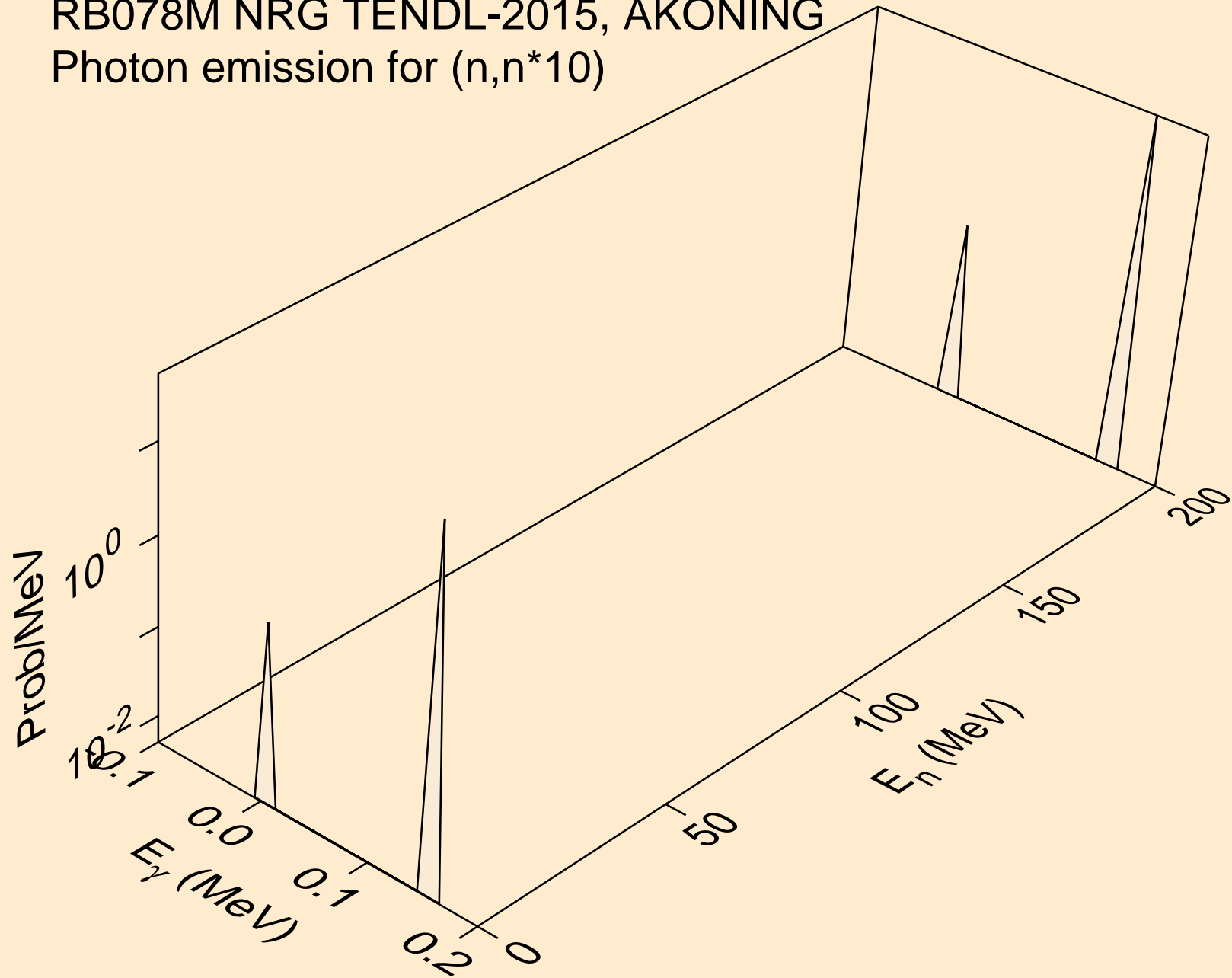
RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)

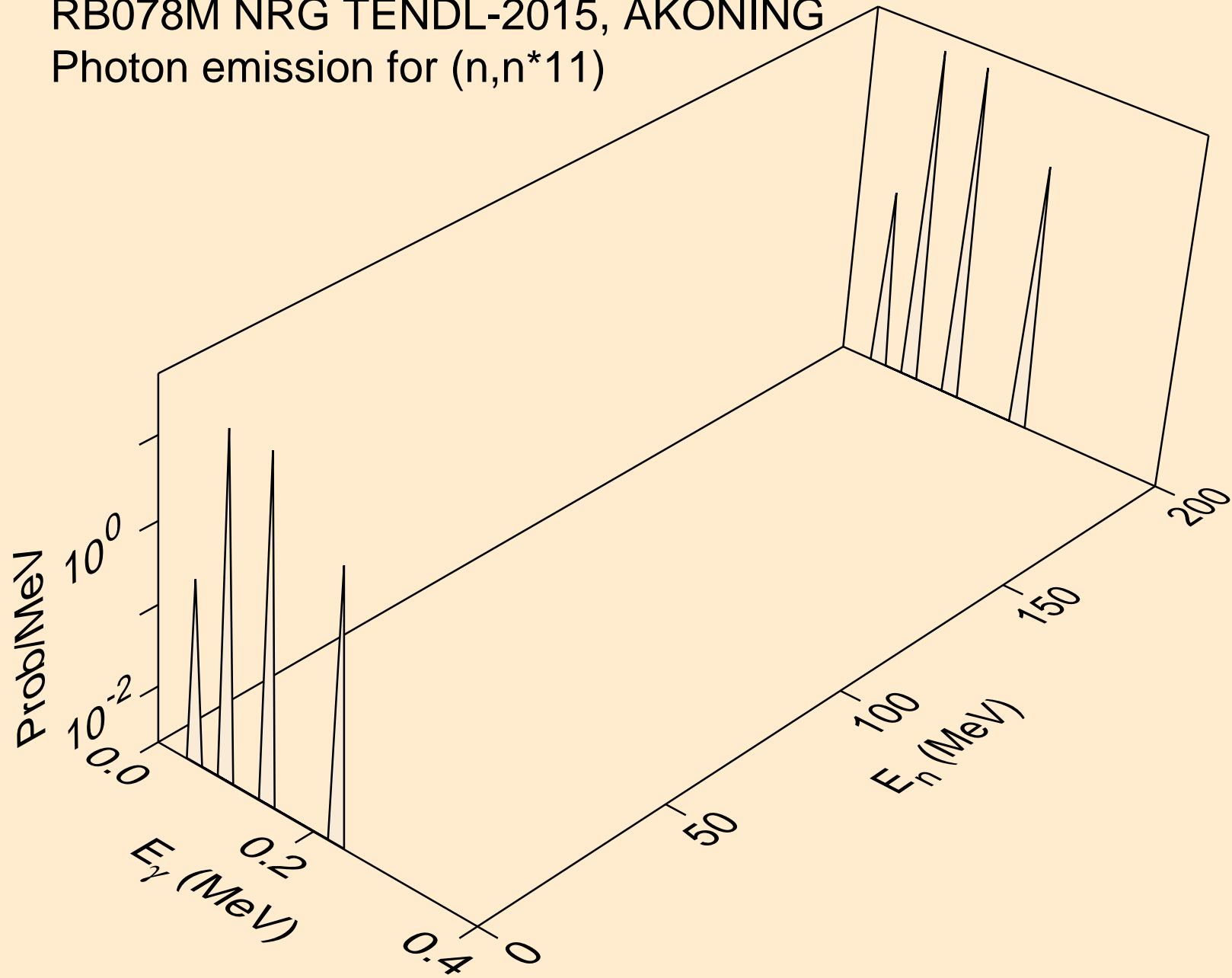


RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)

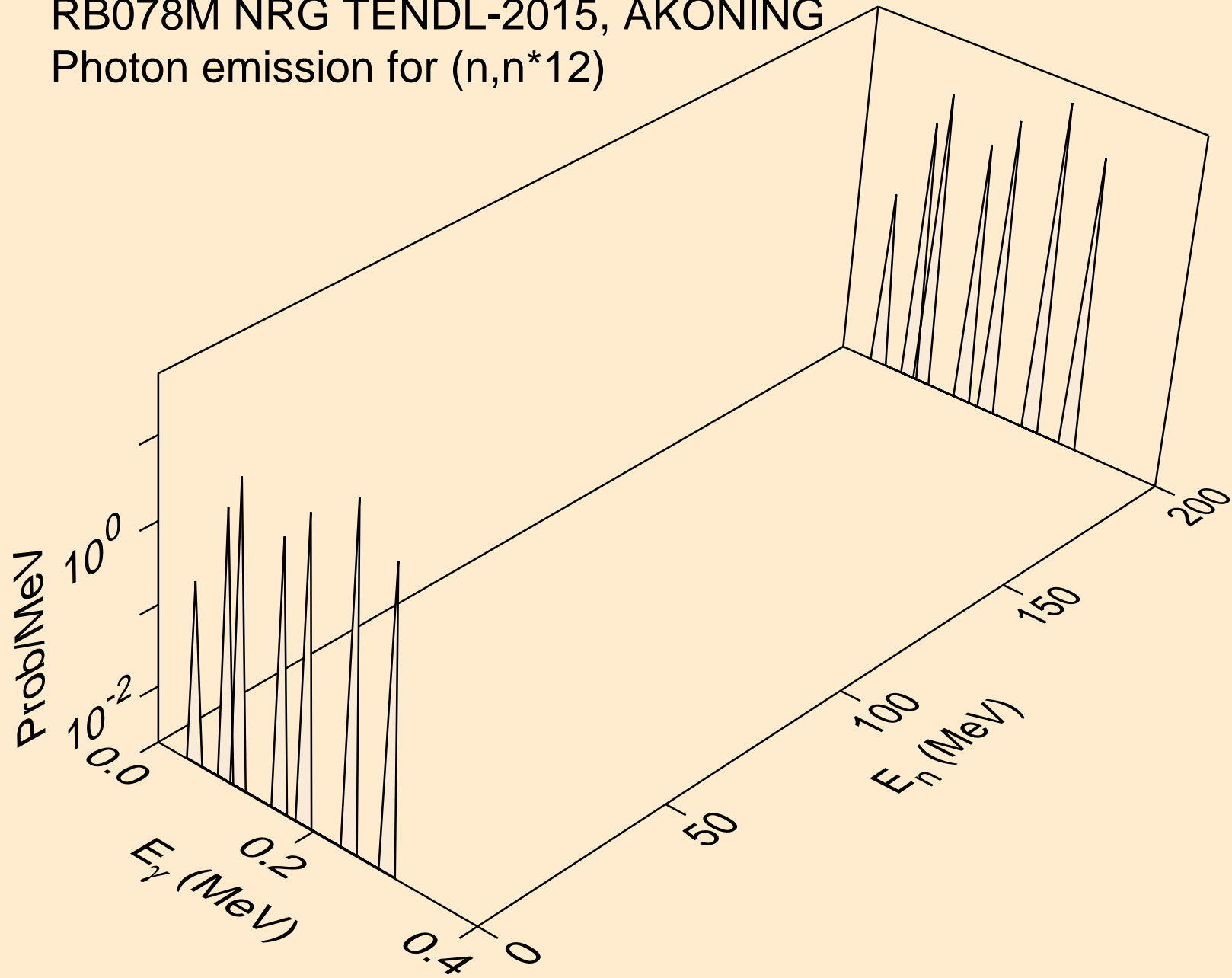




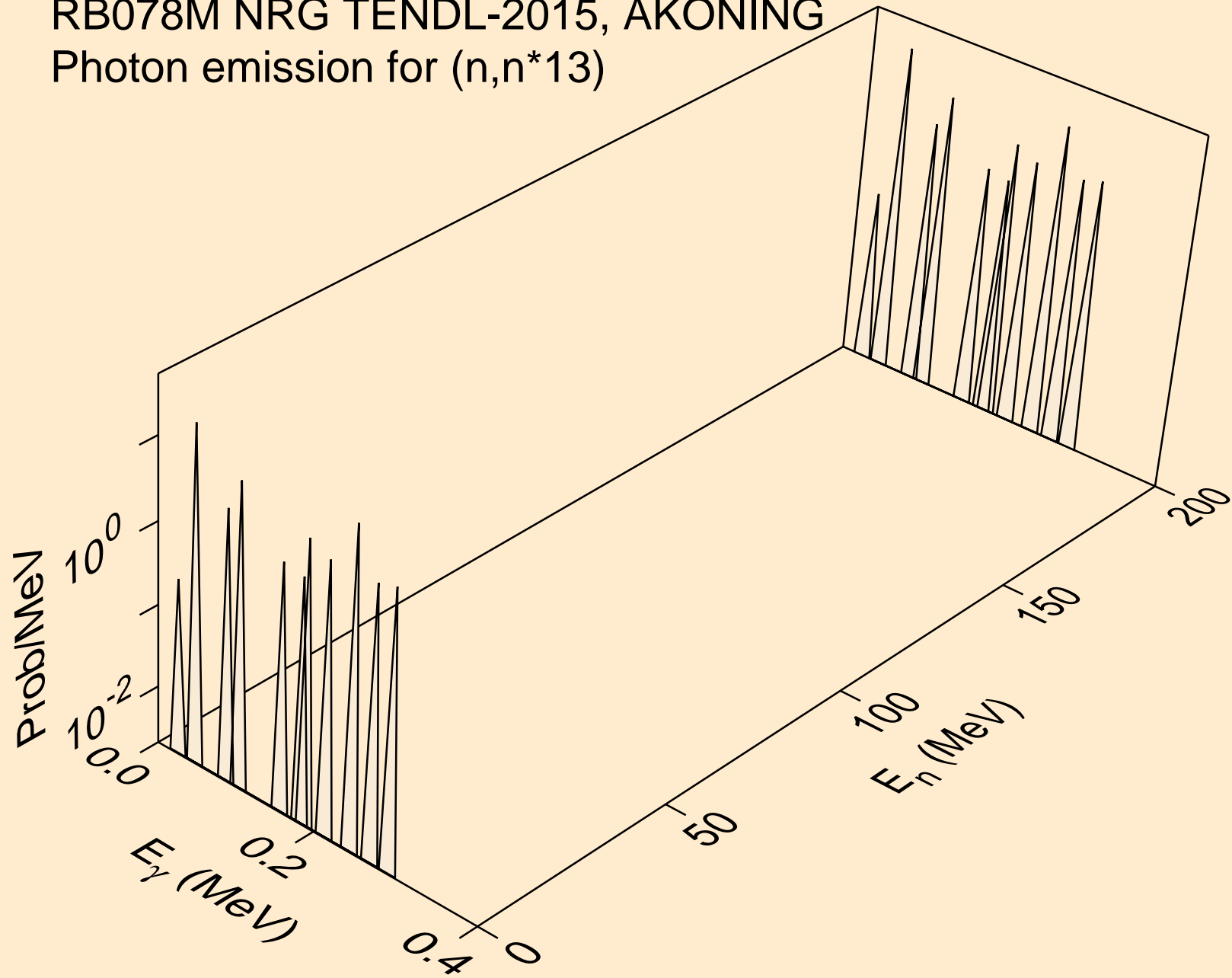
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Photon emission for (n,n\*11)



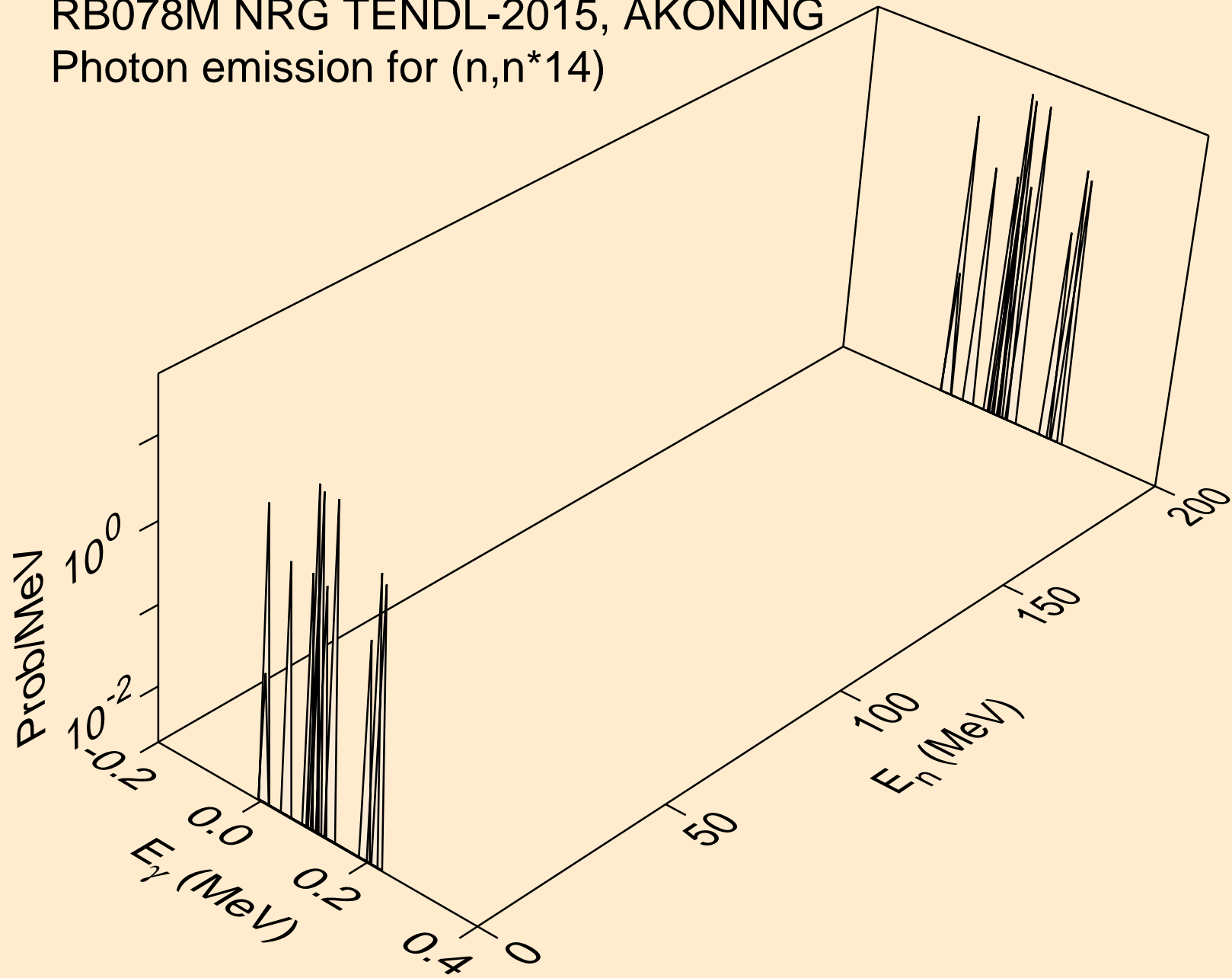
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Photon emission for (n,n\*12)



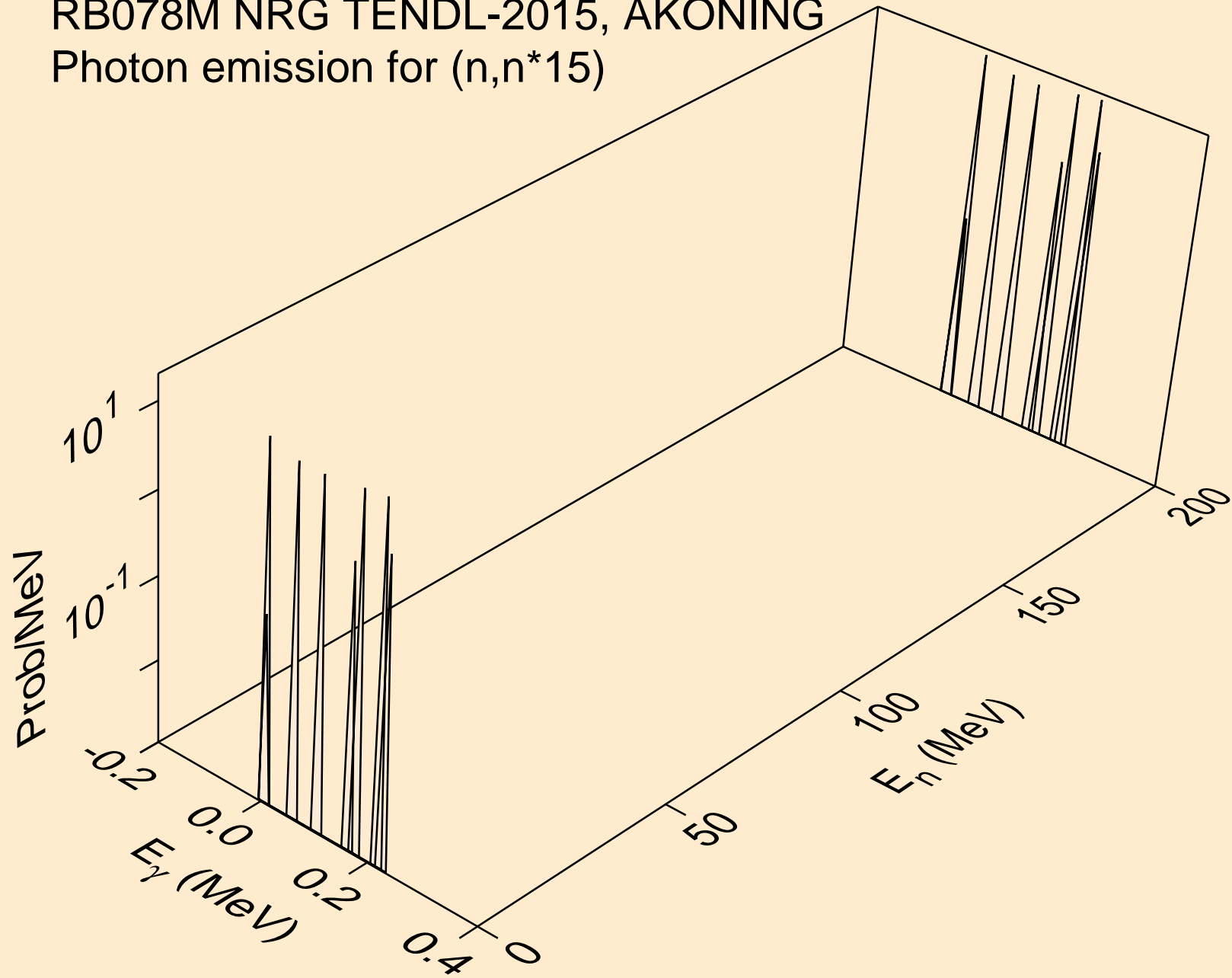
RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)



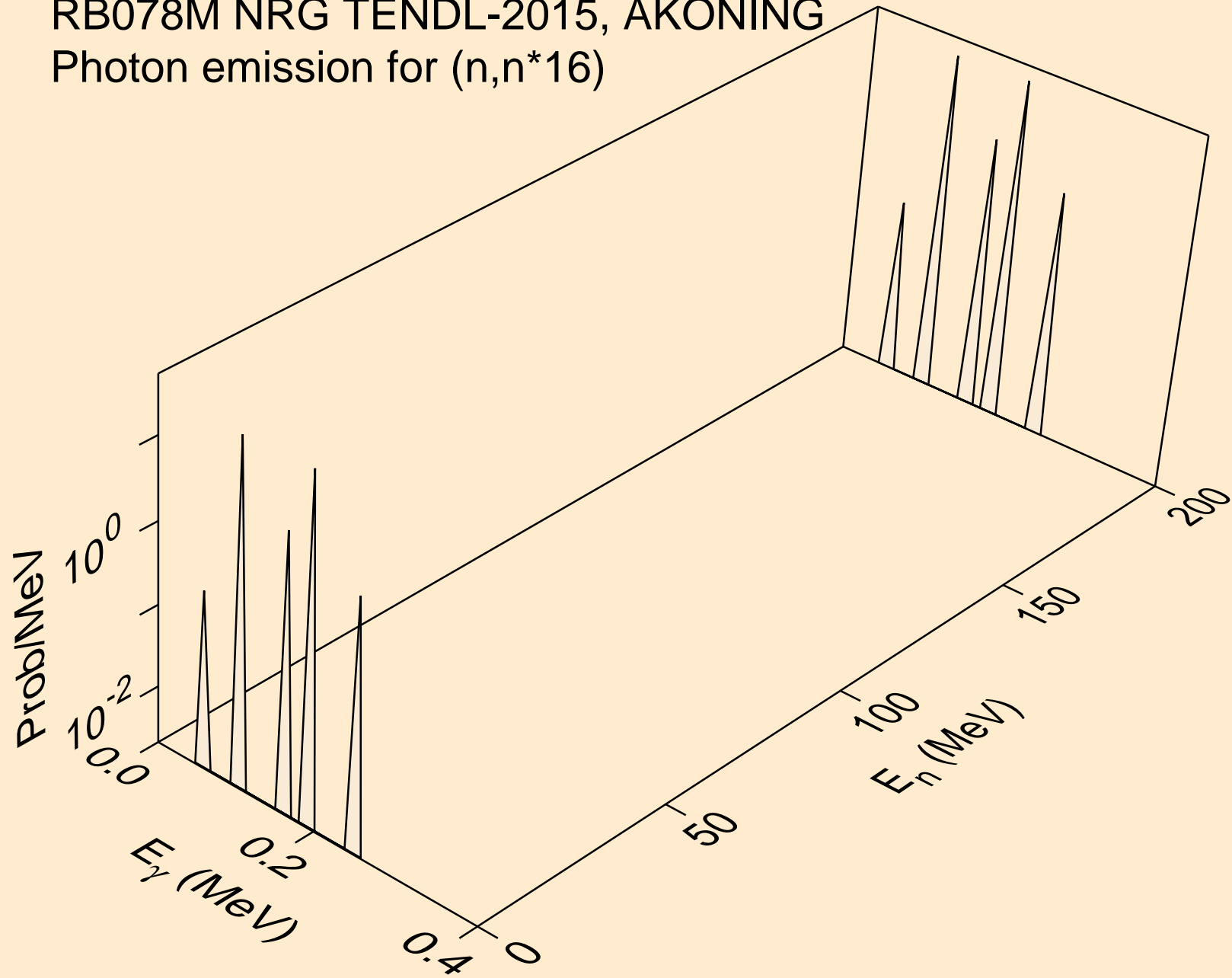
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Photon emission for (n,n\*14)



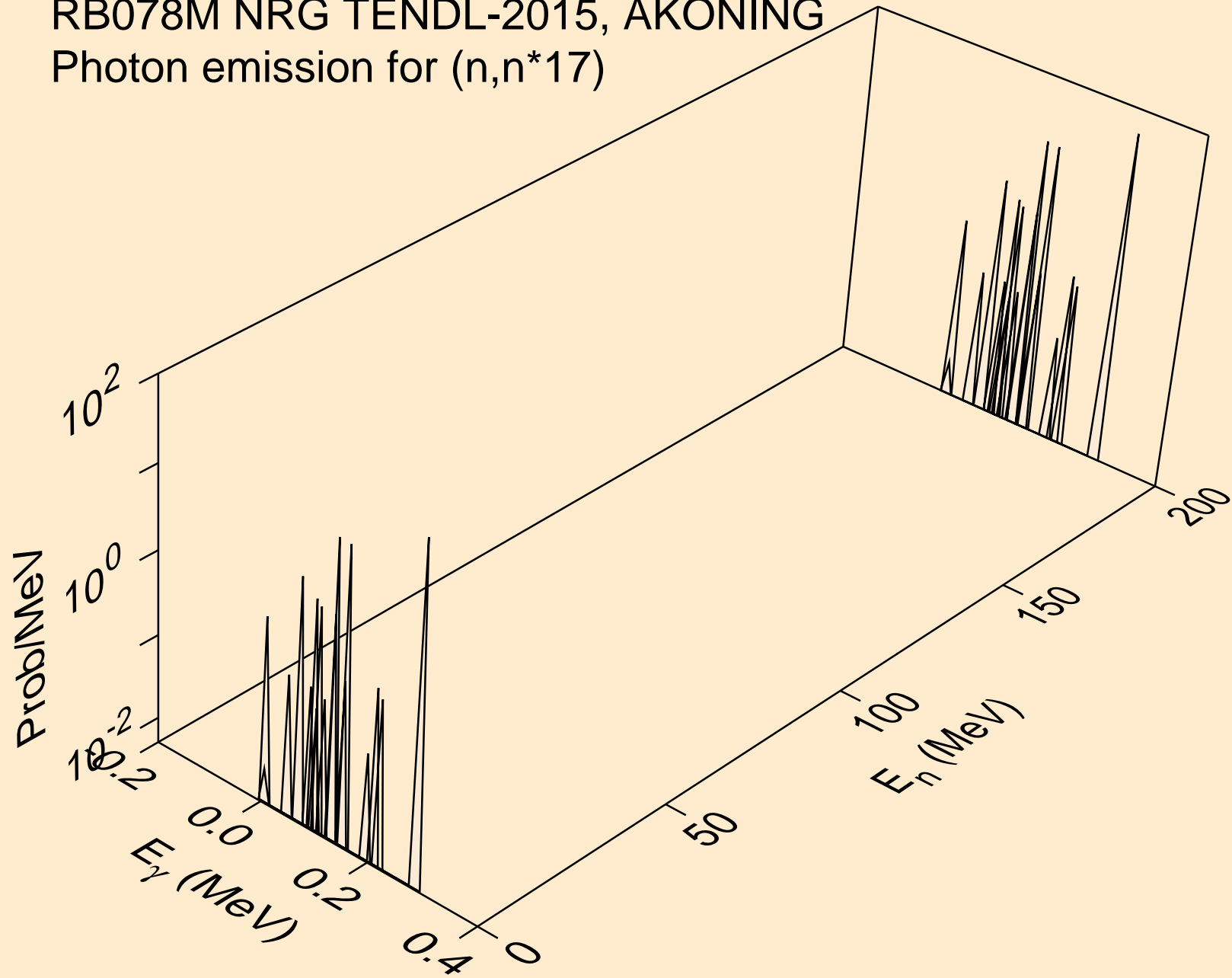
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Photon emission for (n,n\*15)



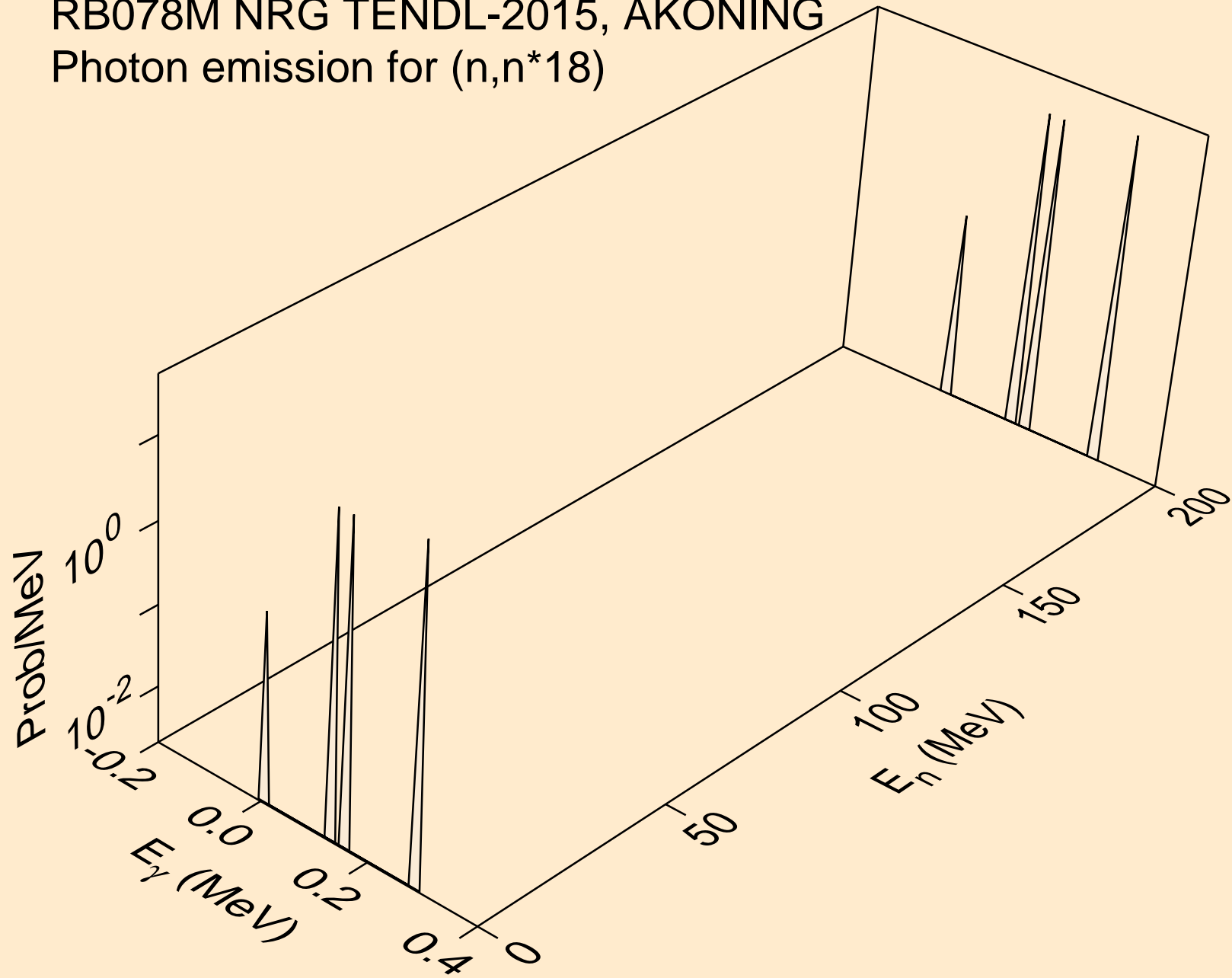
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Photon emission for (n,n\*16)



RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)

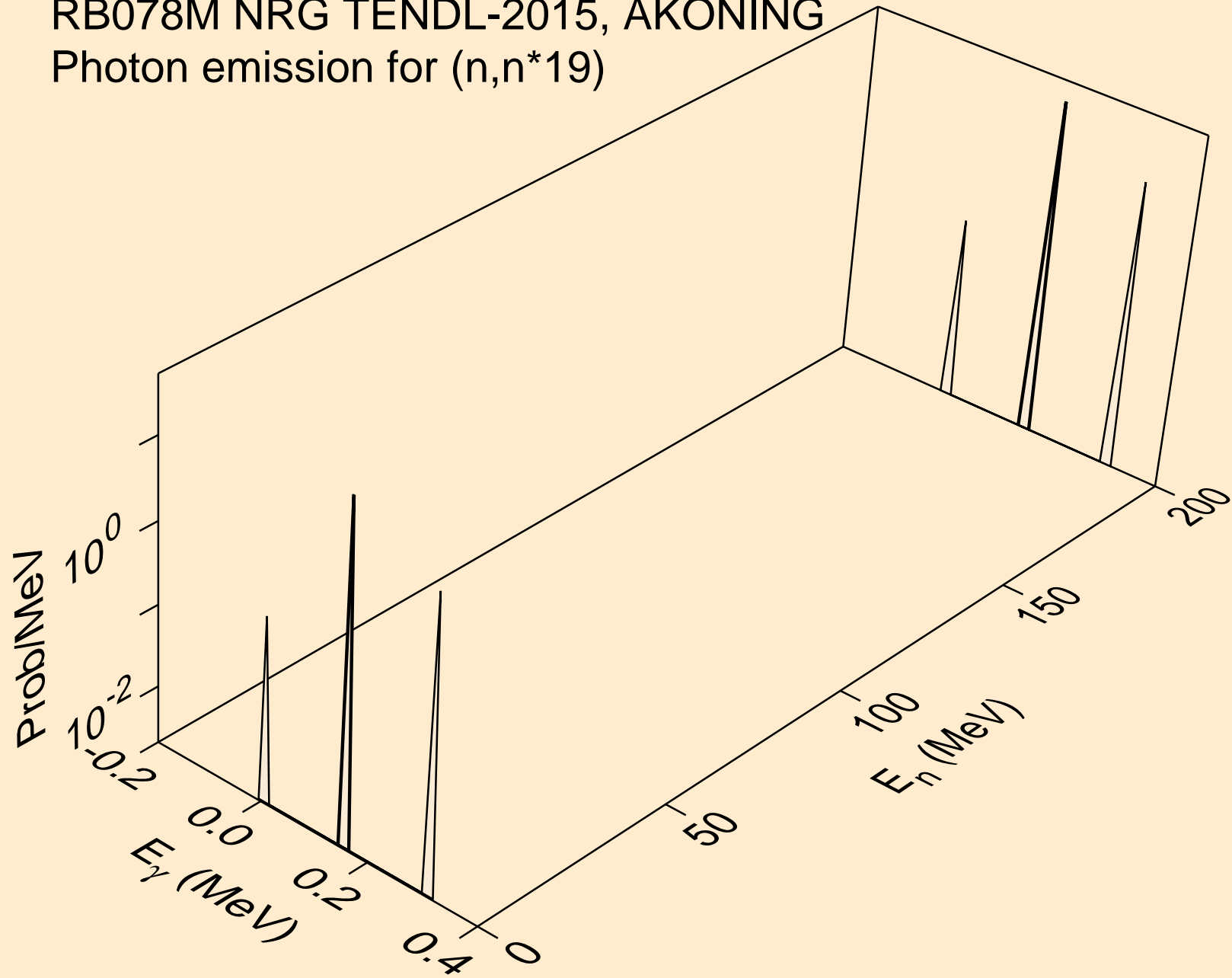


RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)

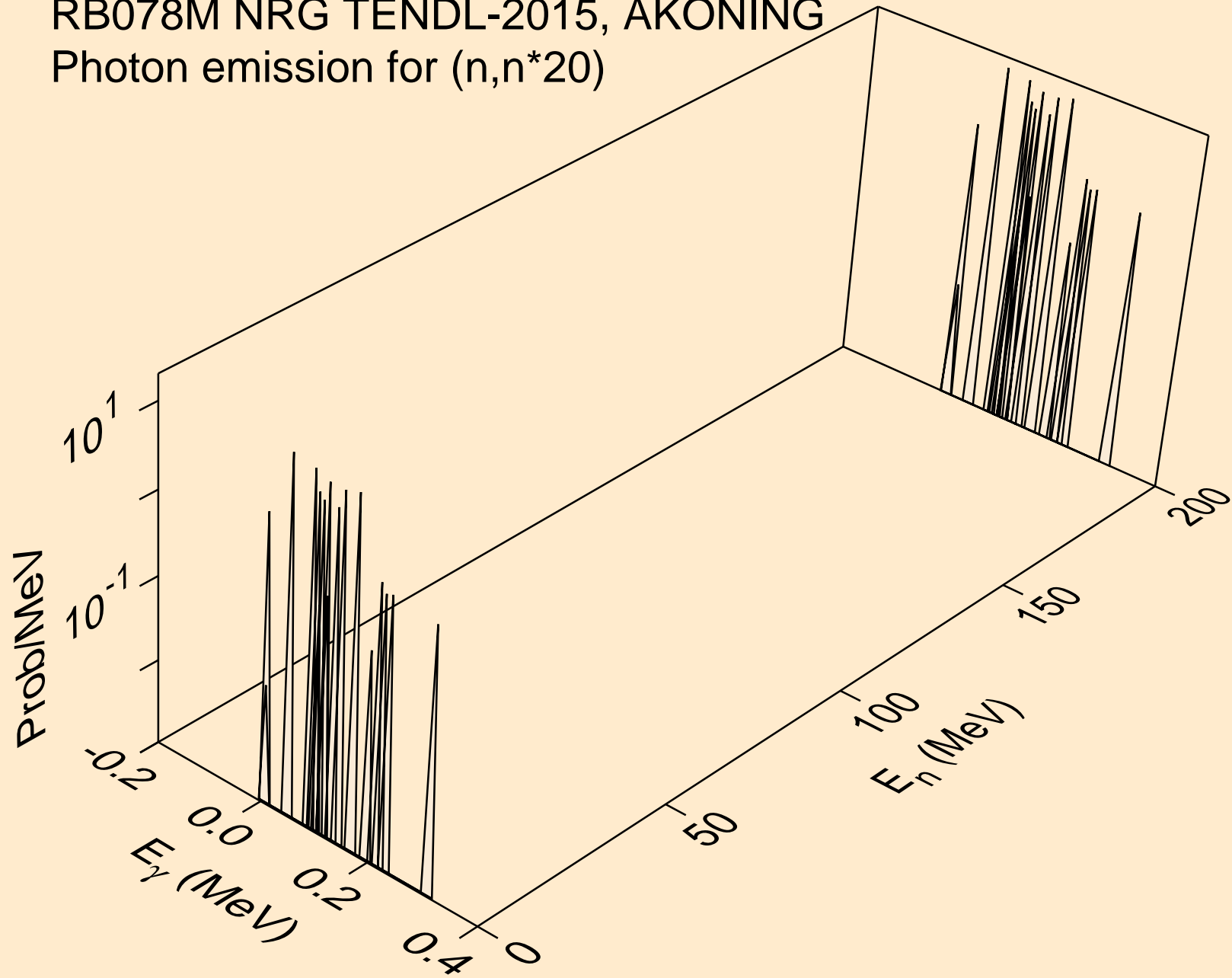




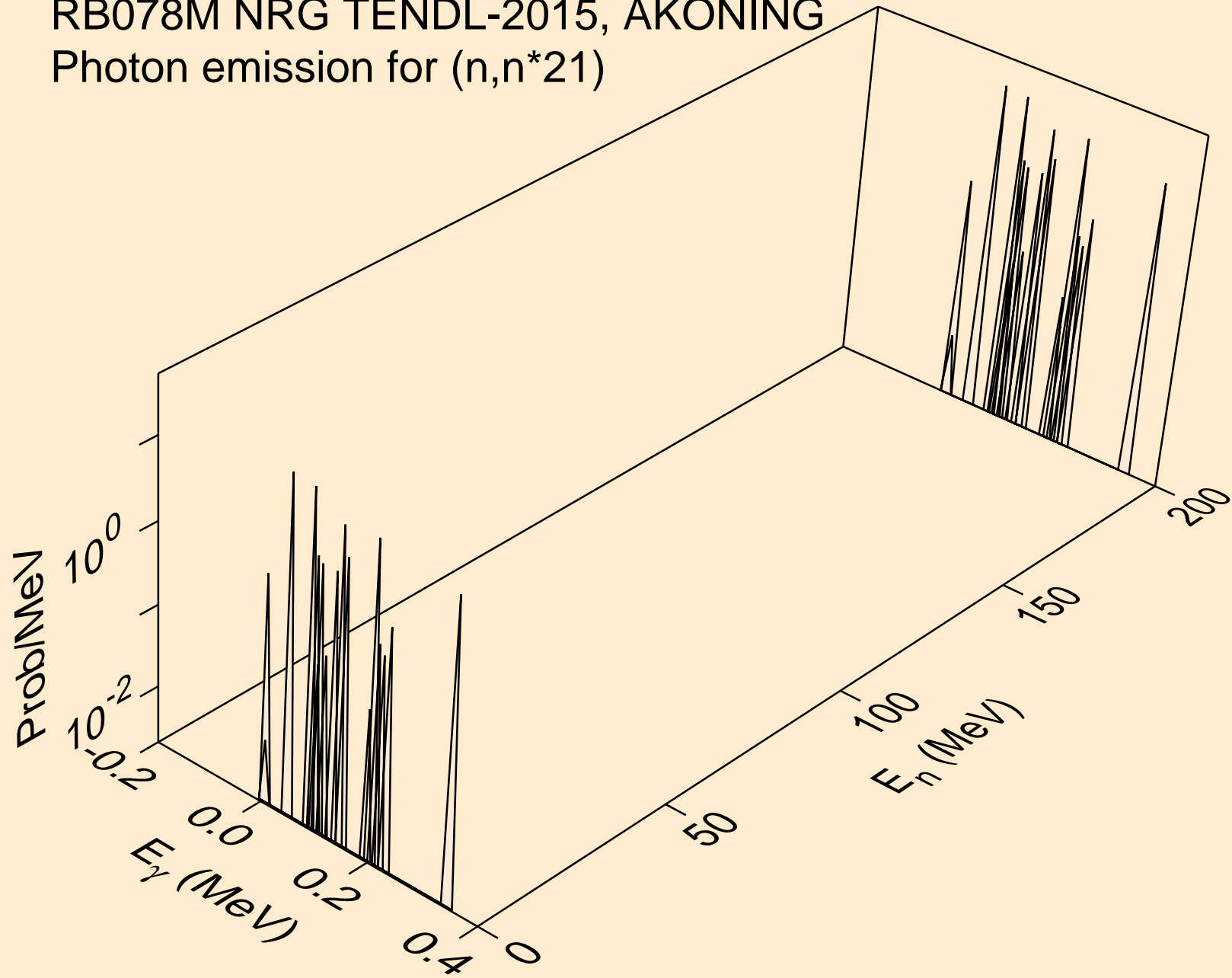
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Photon emission for (n,n\*19)



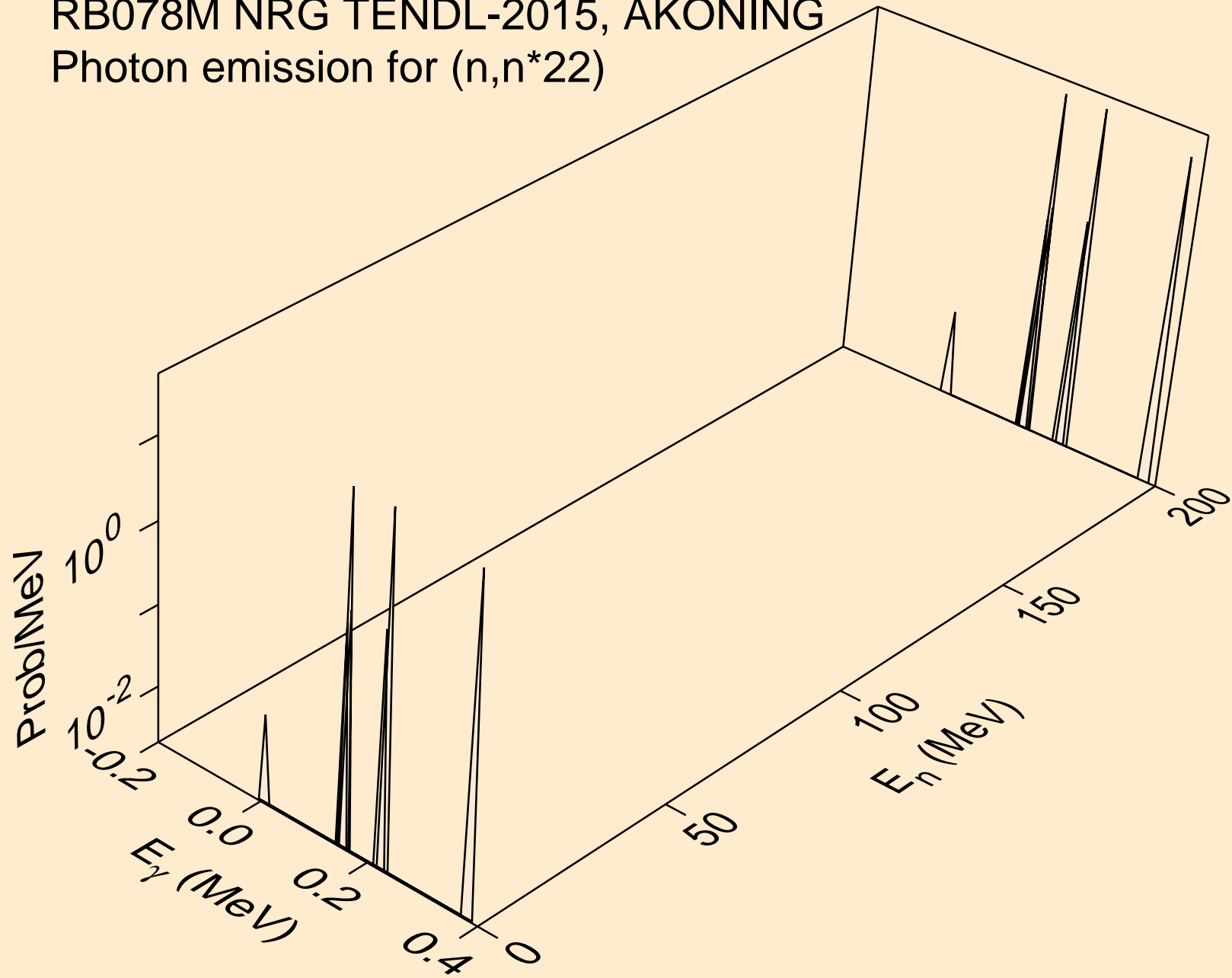
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Photon emission for (n,n\*20)



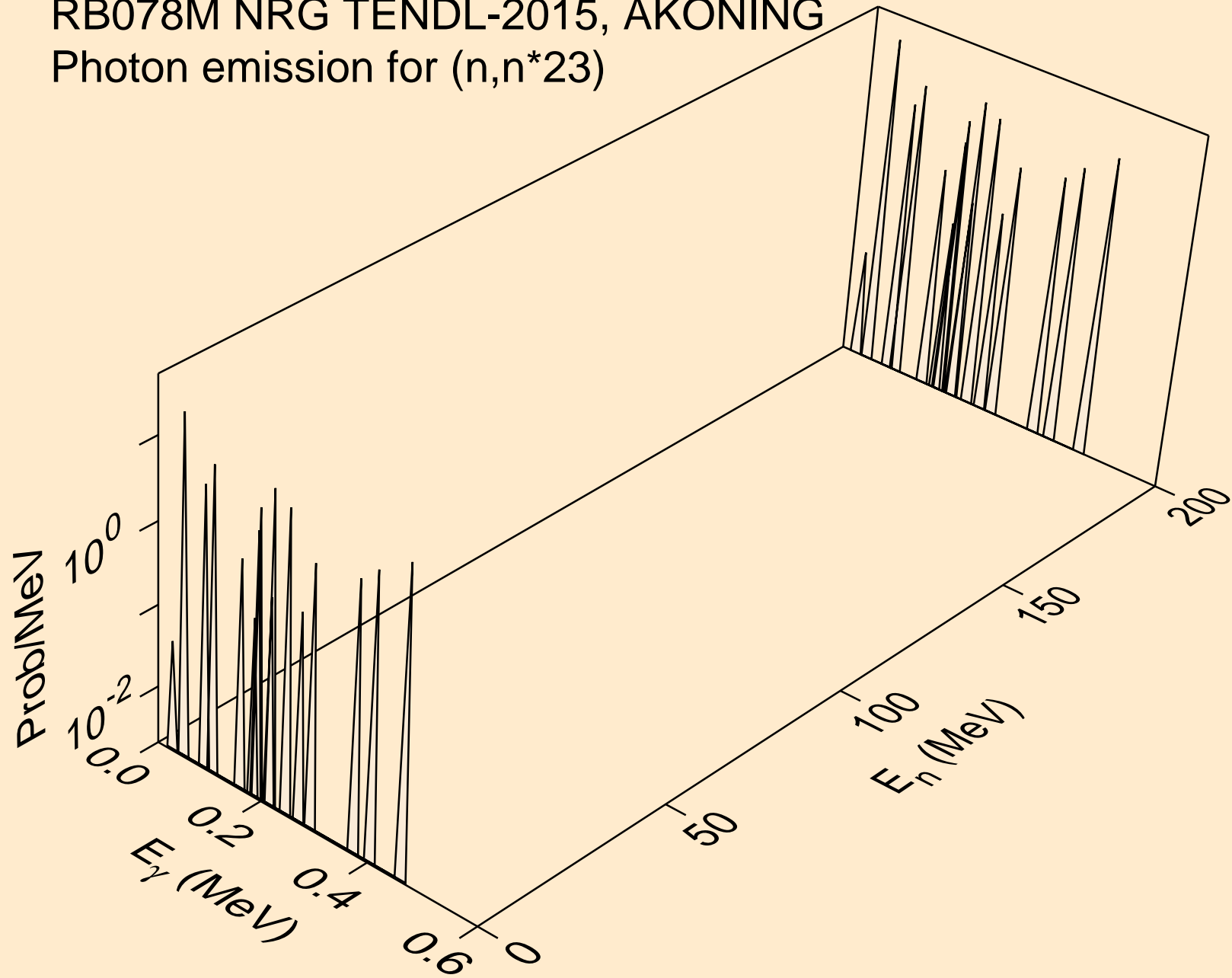
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Photon emission for (n,n\*21)



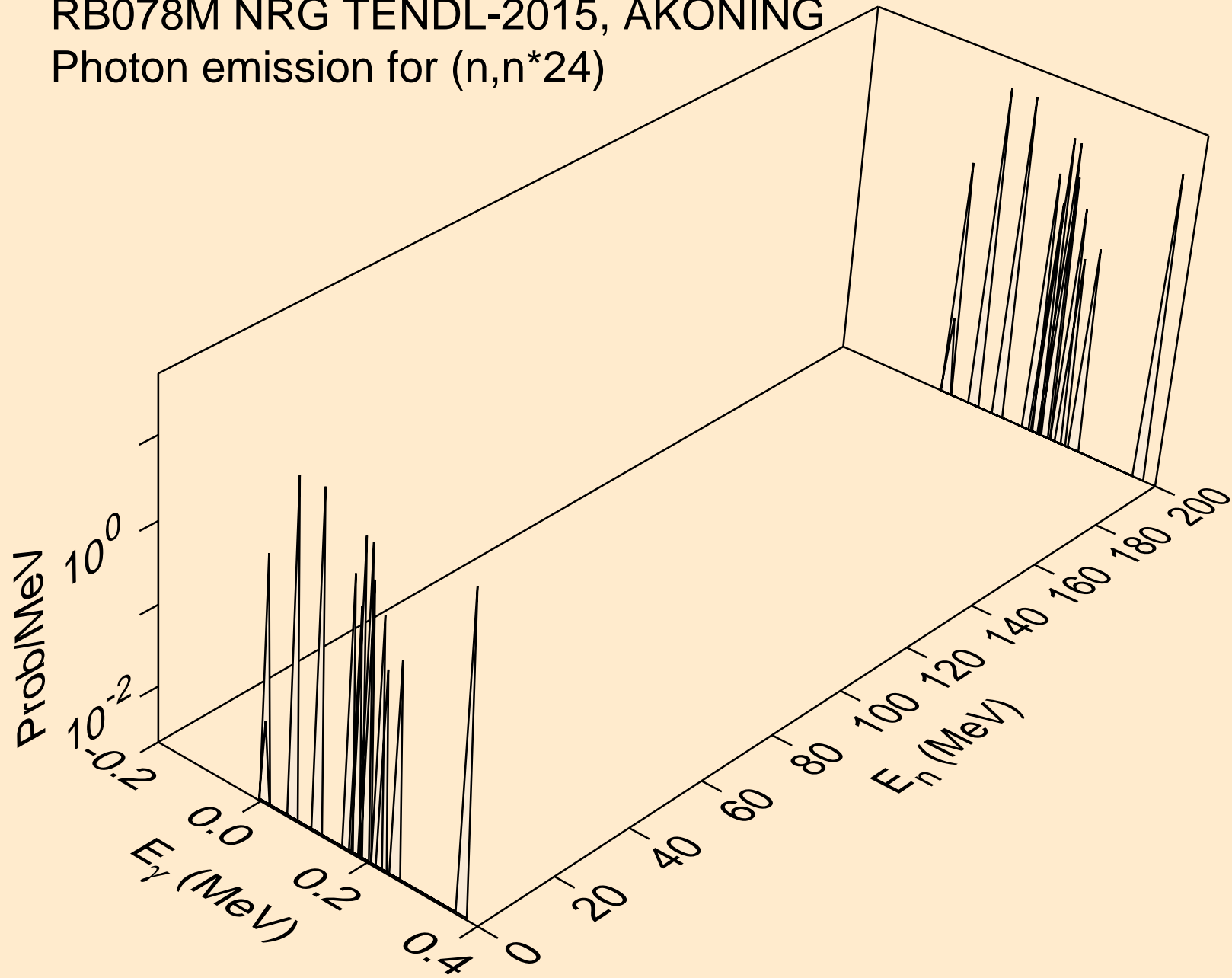
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Photon emission for (n,n\*22)



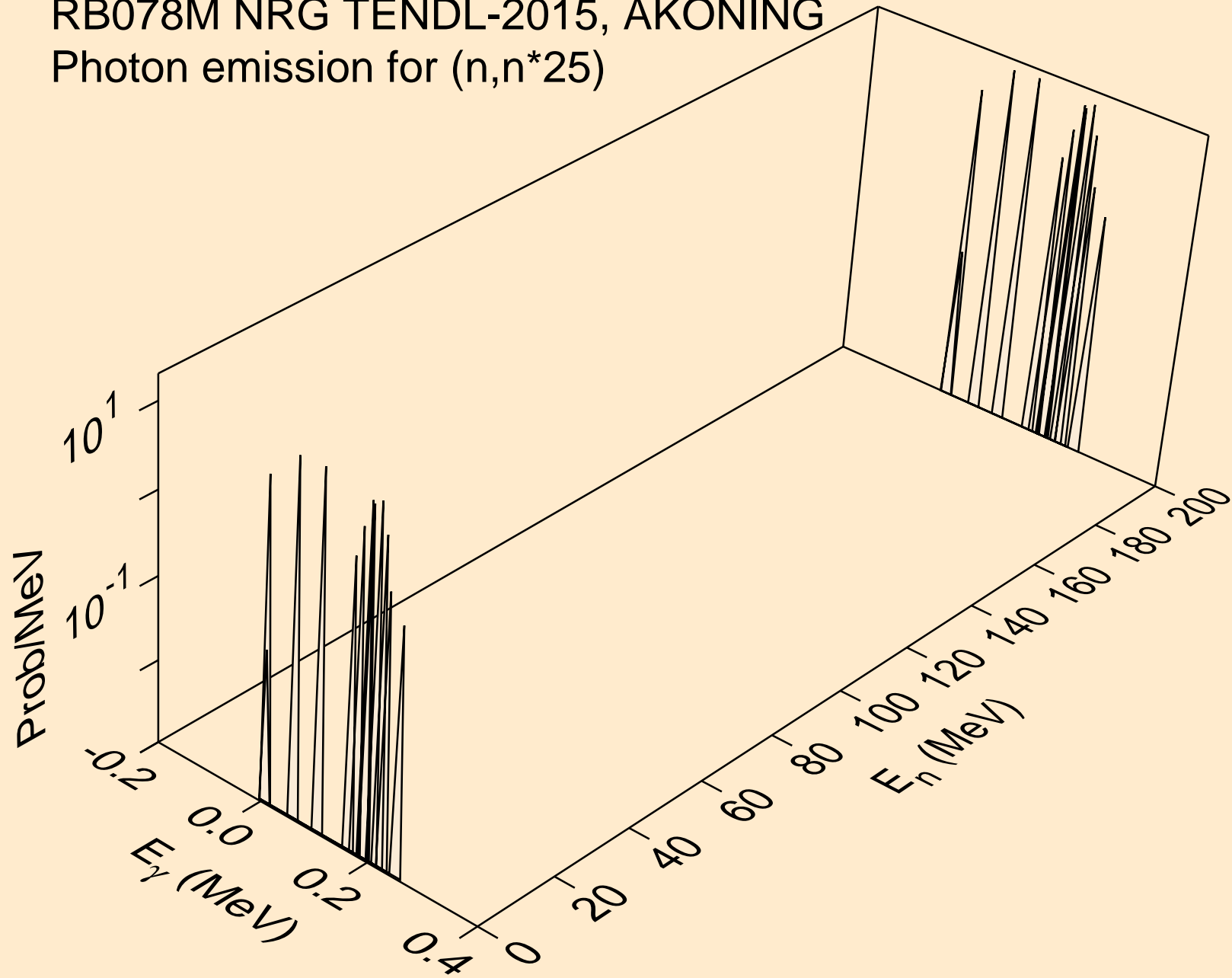
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Photon emission for (n,n\*23)



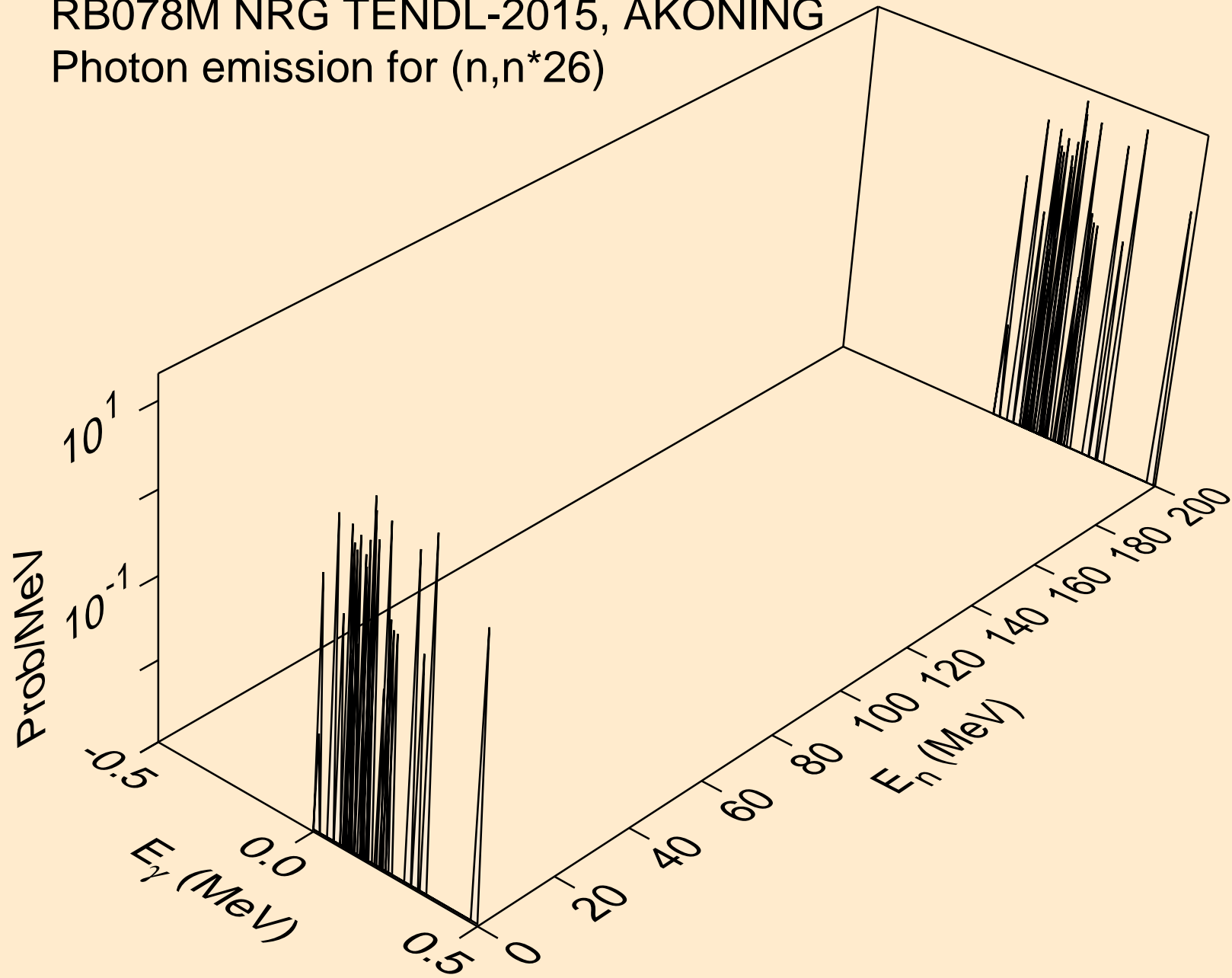
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Photon emission for (n,n\*24)



RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)

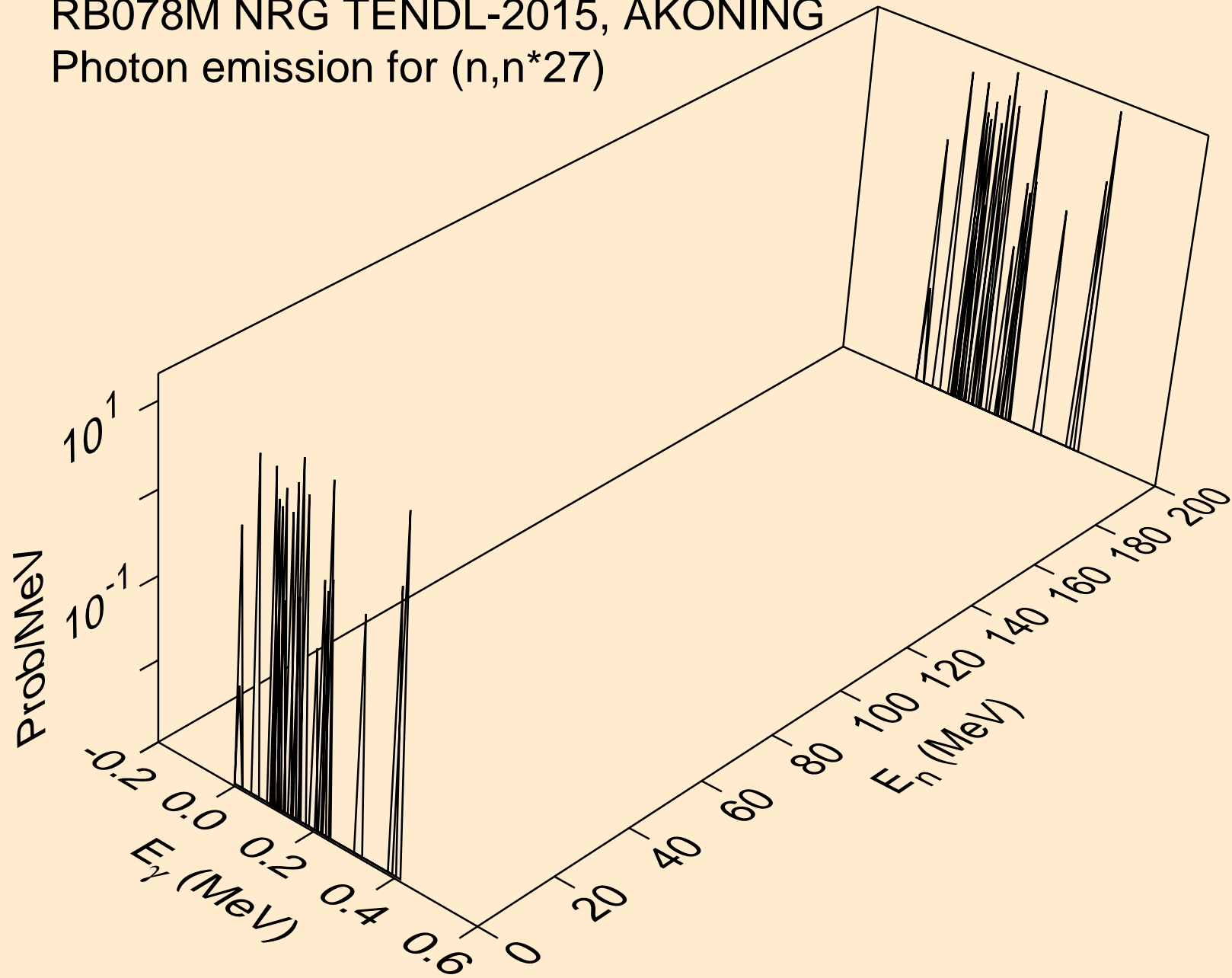


RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)

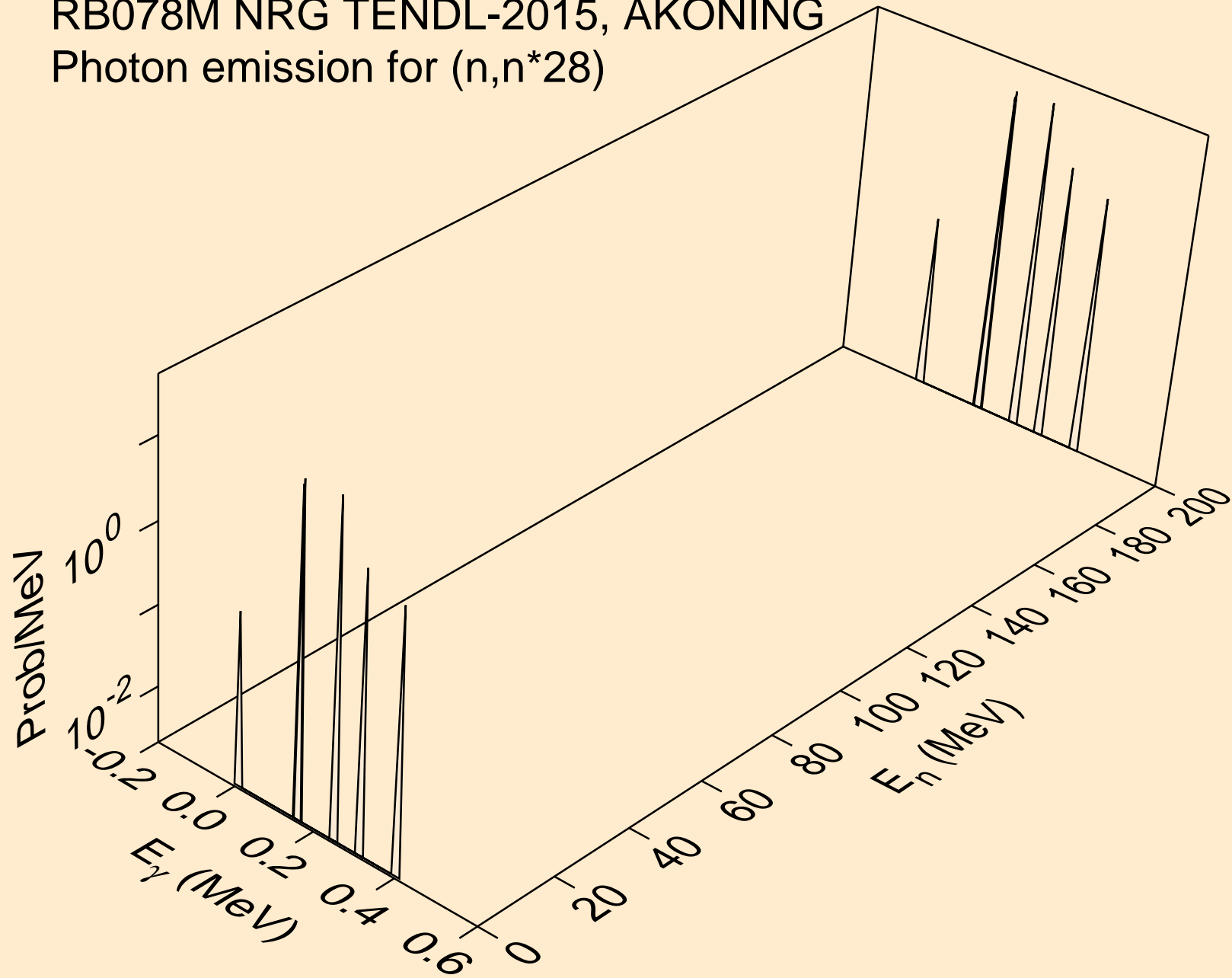




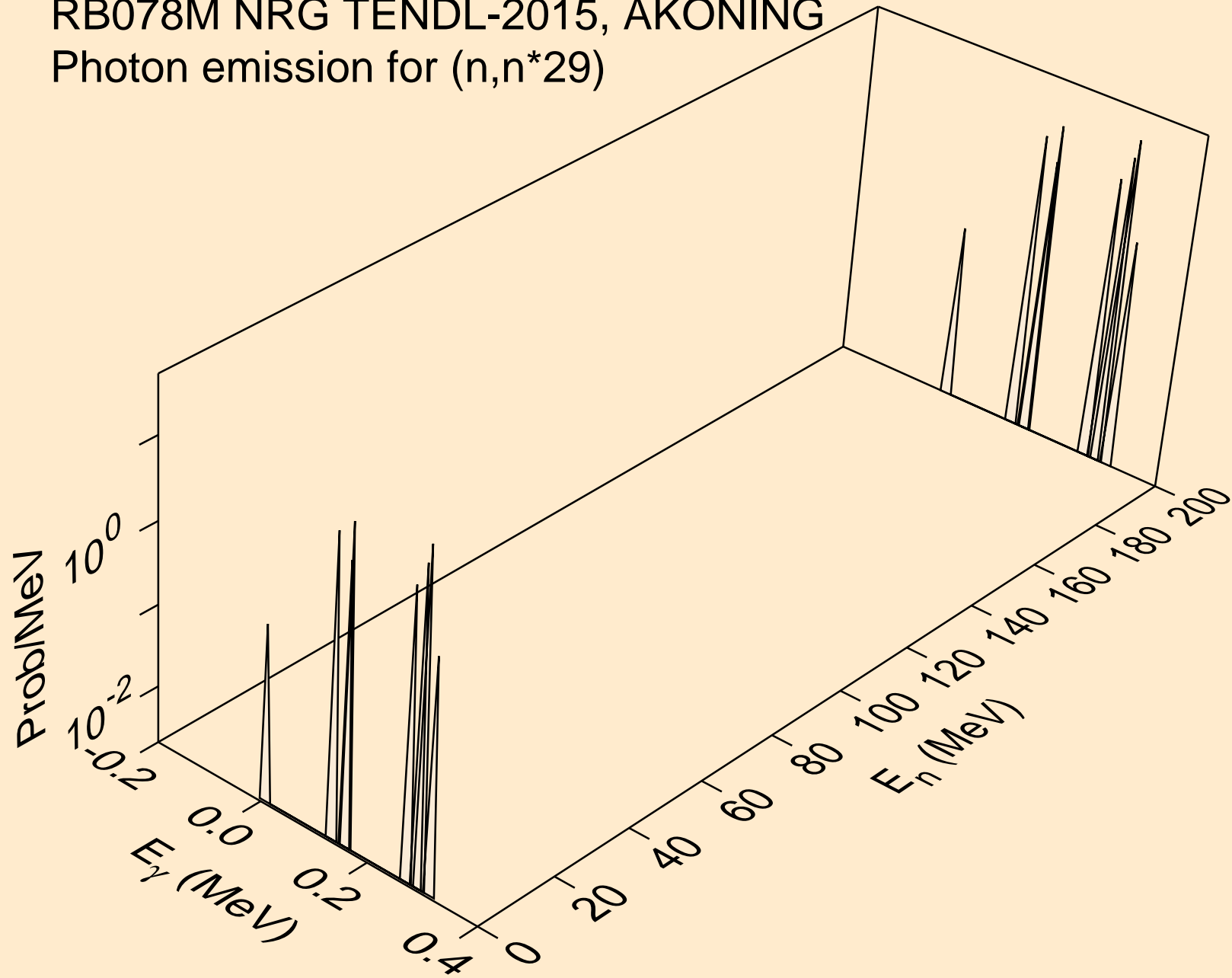
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Photon emission for (n,n\*27)



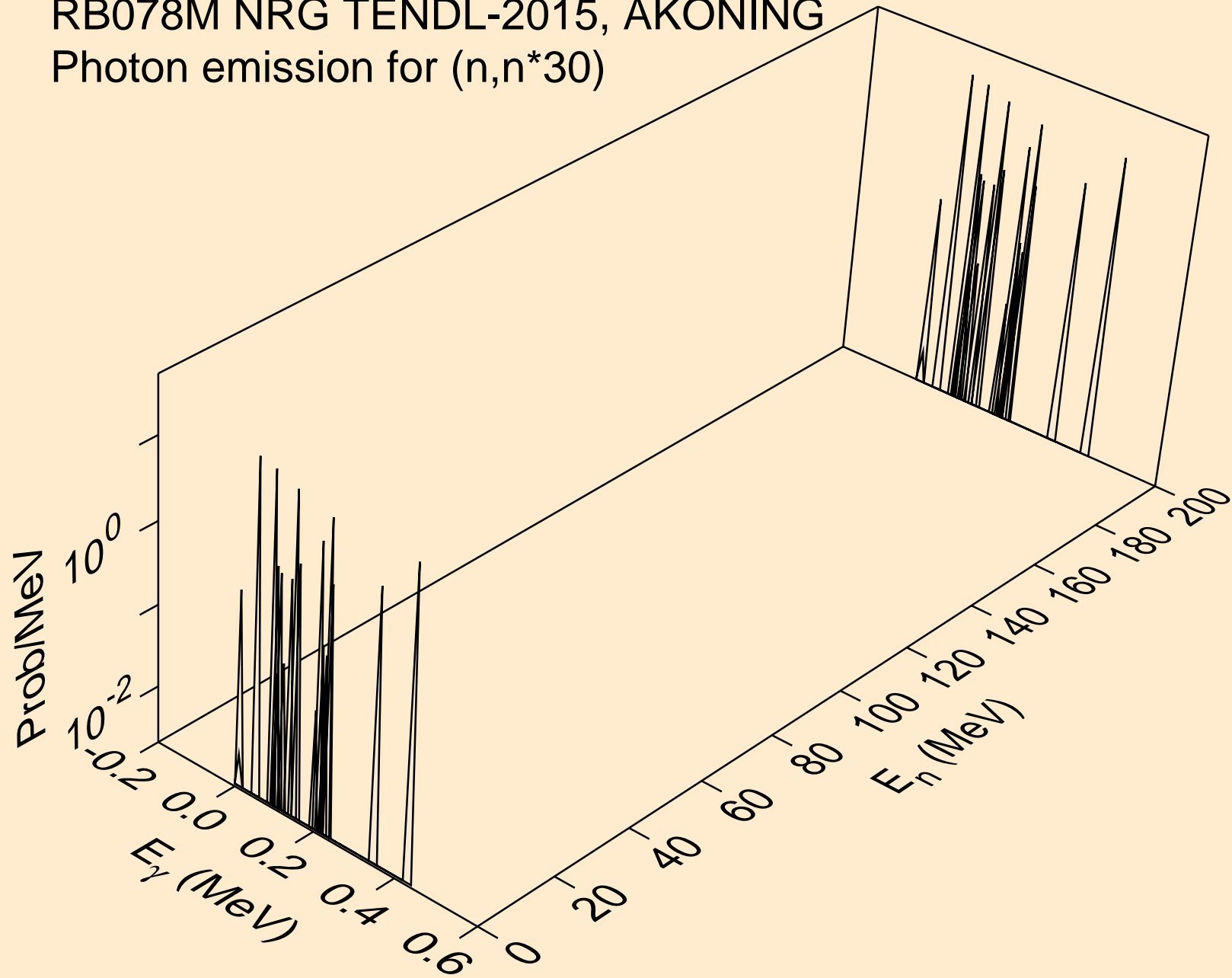
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Photon emission for (n,n\*28)



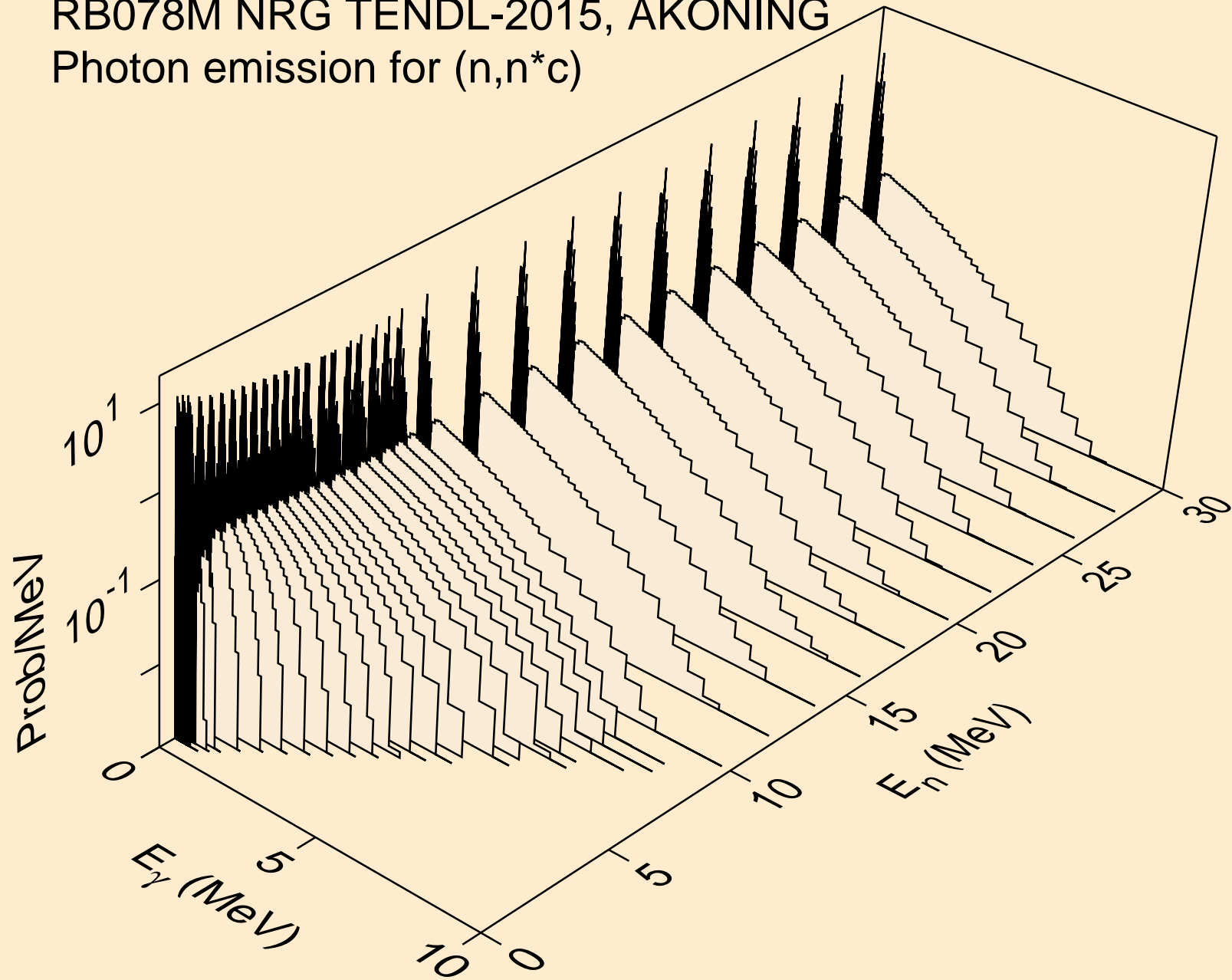
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Photon emission for (n,n\*29)



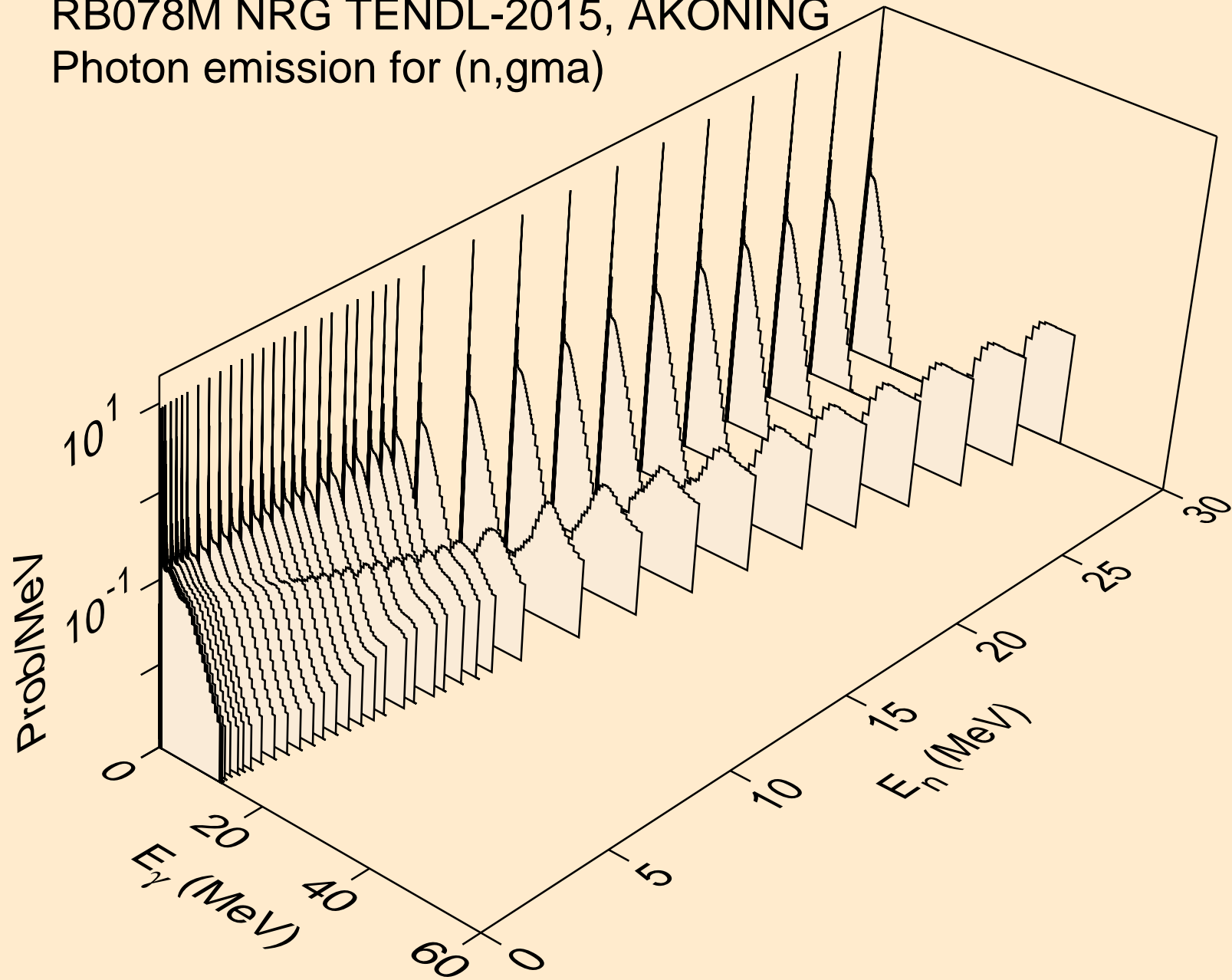
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Photon emission for (n,n\*30)



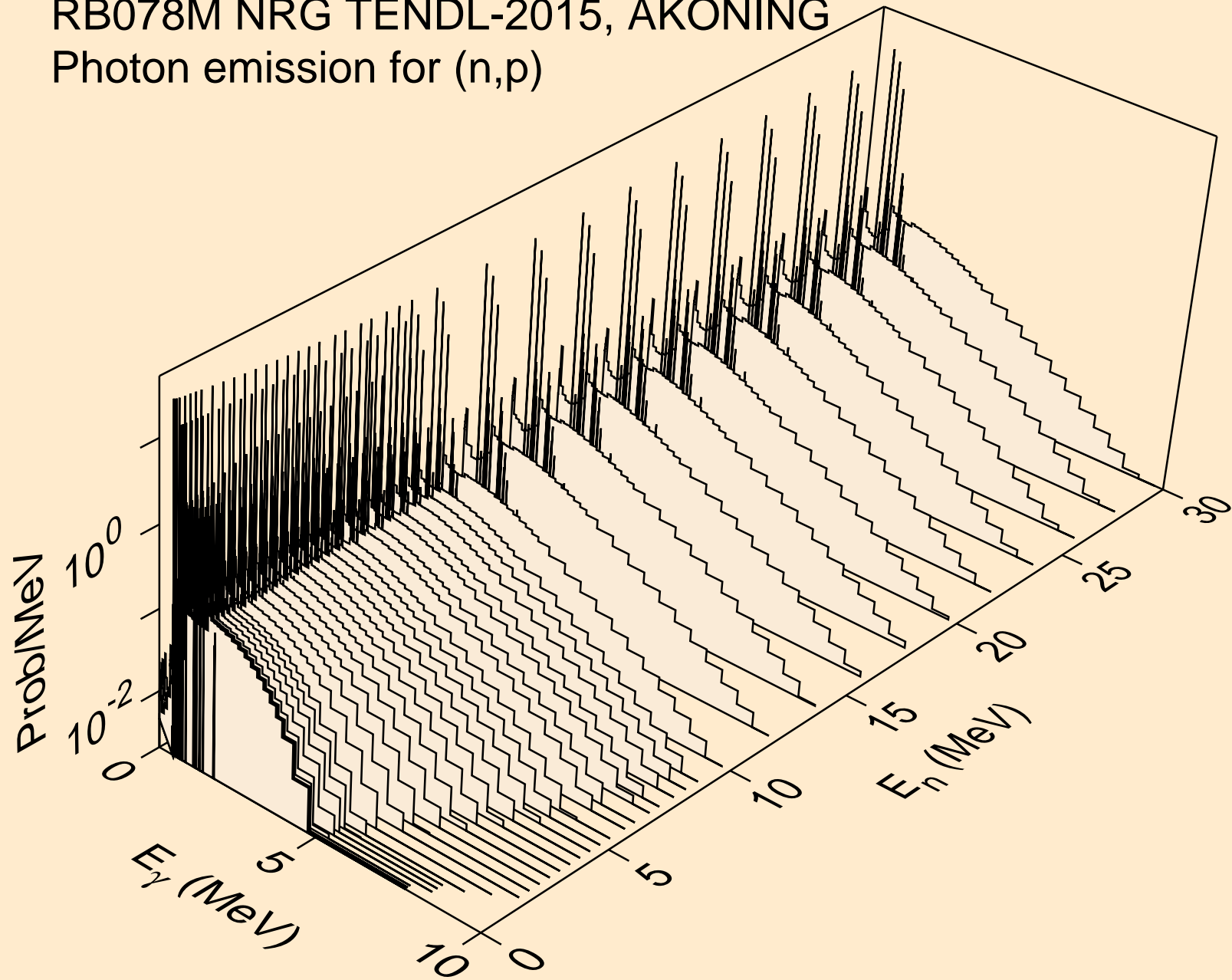
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Photon emission for (n,n\*c)



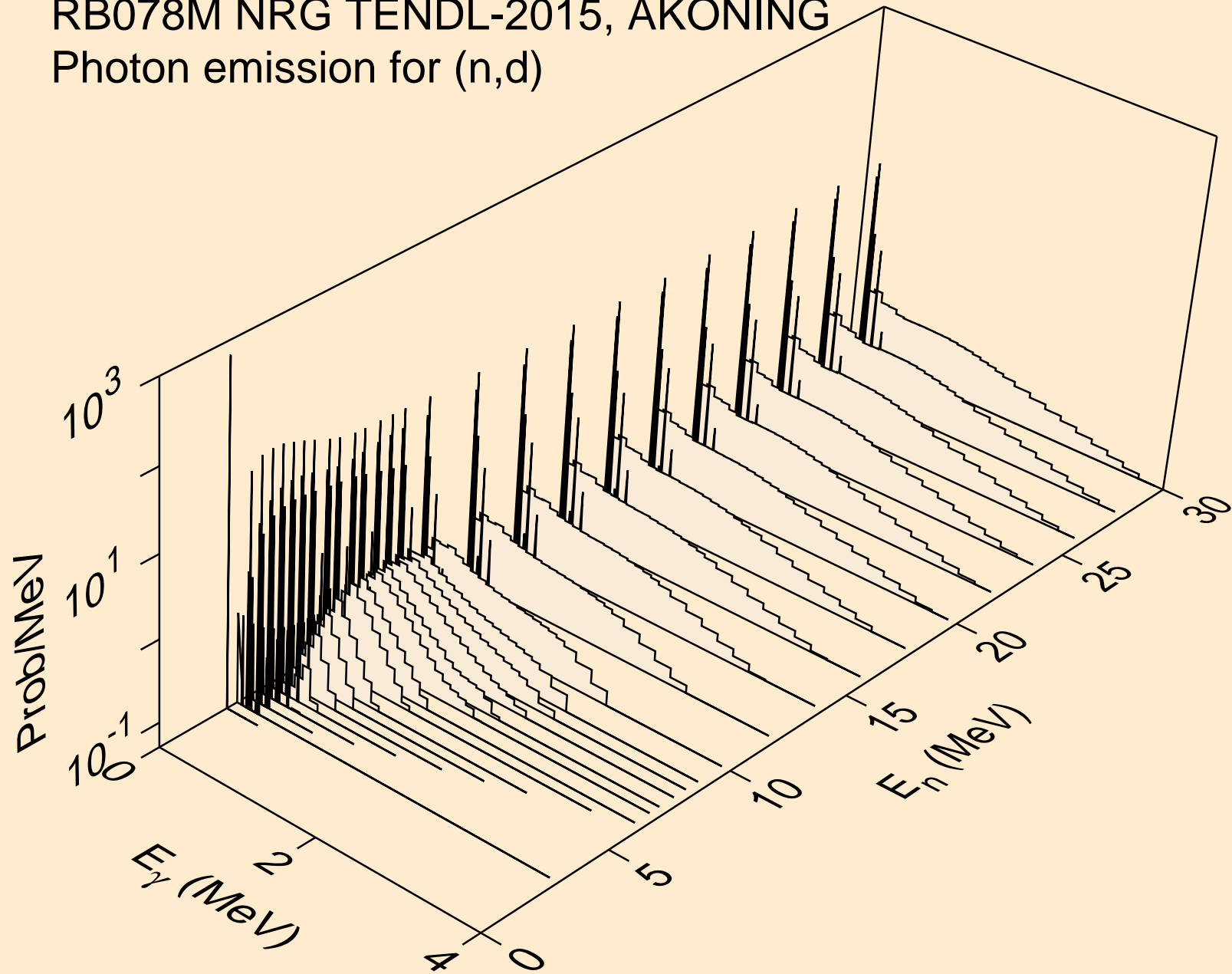
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Photon emission for (n,gma)



RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,p)

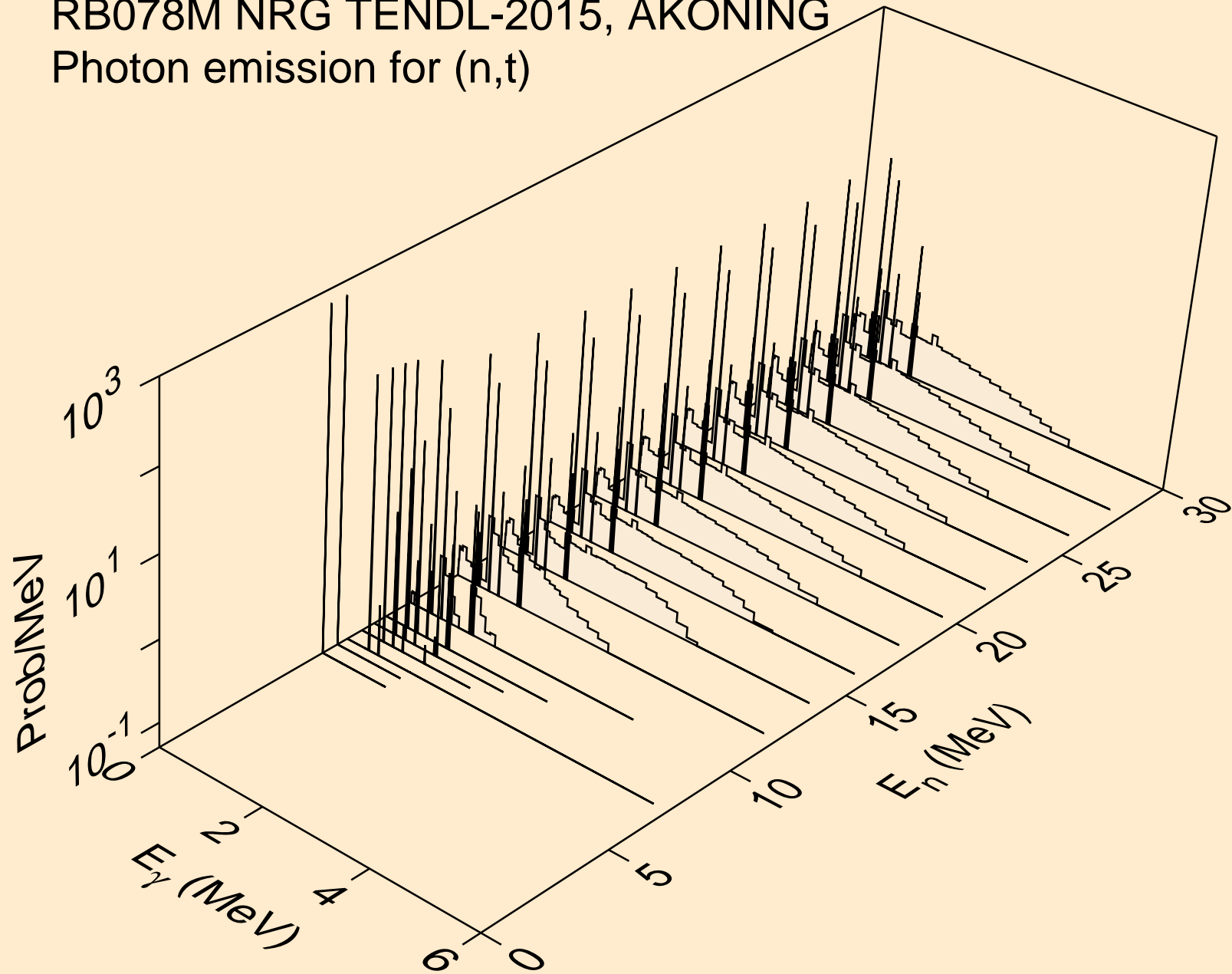


RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

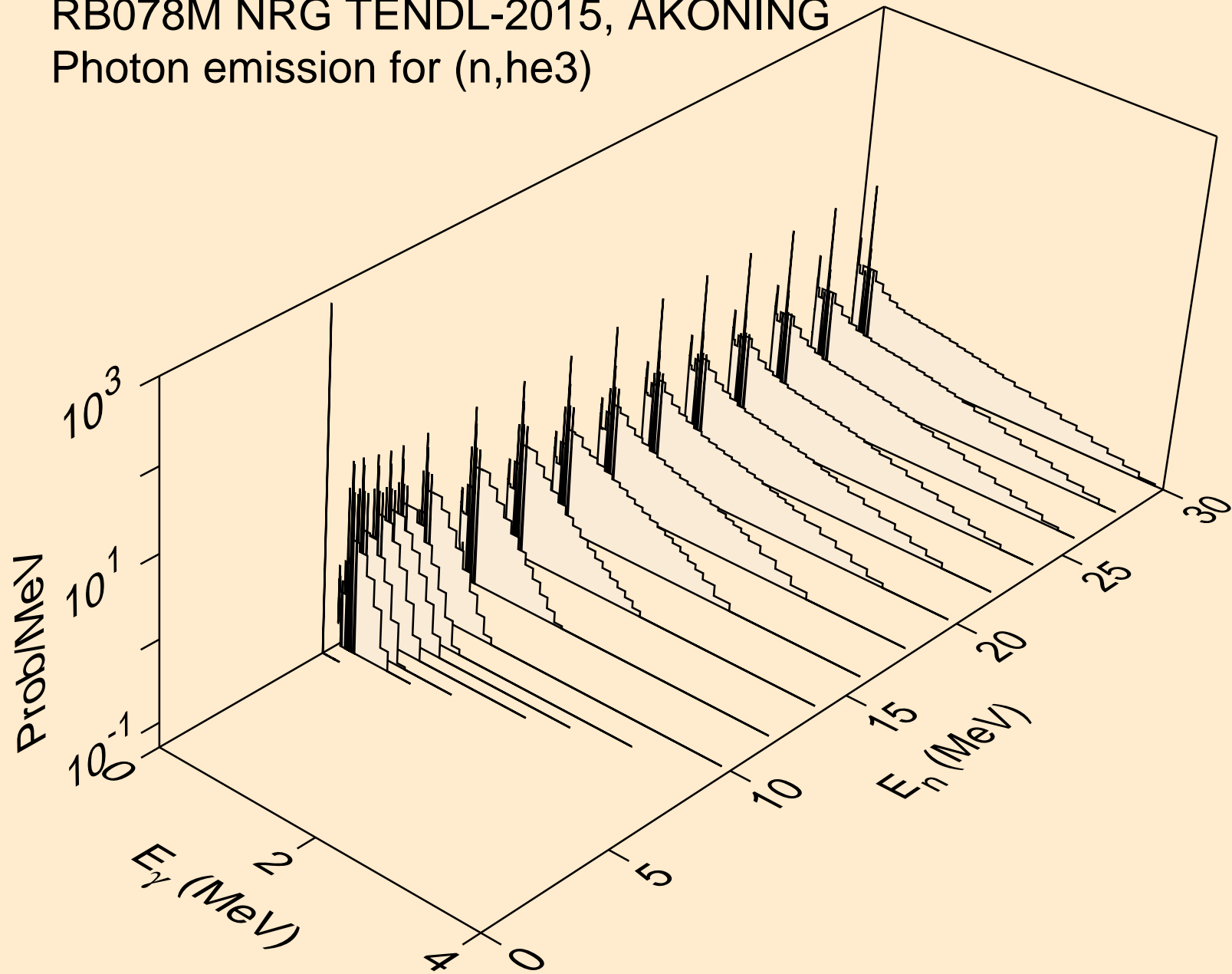




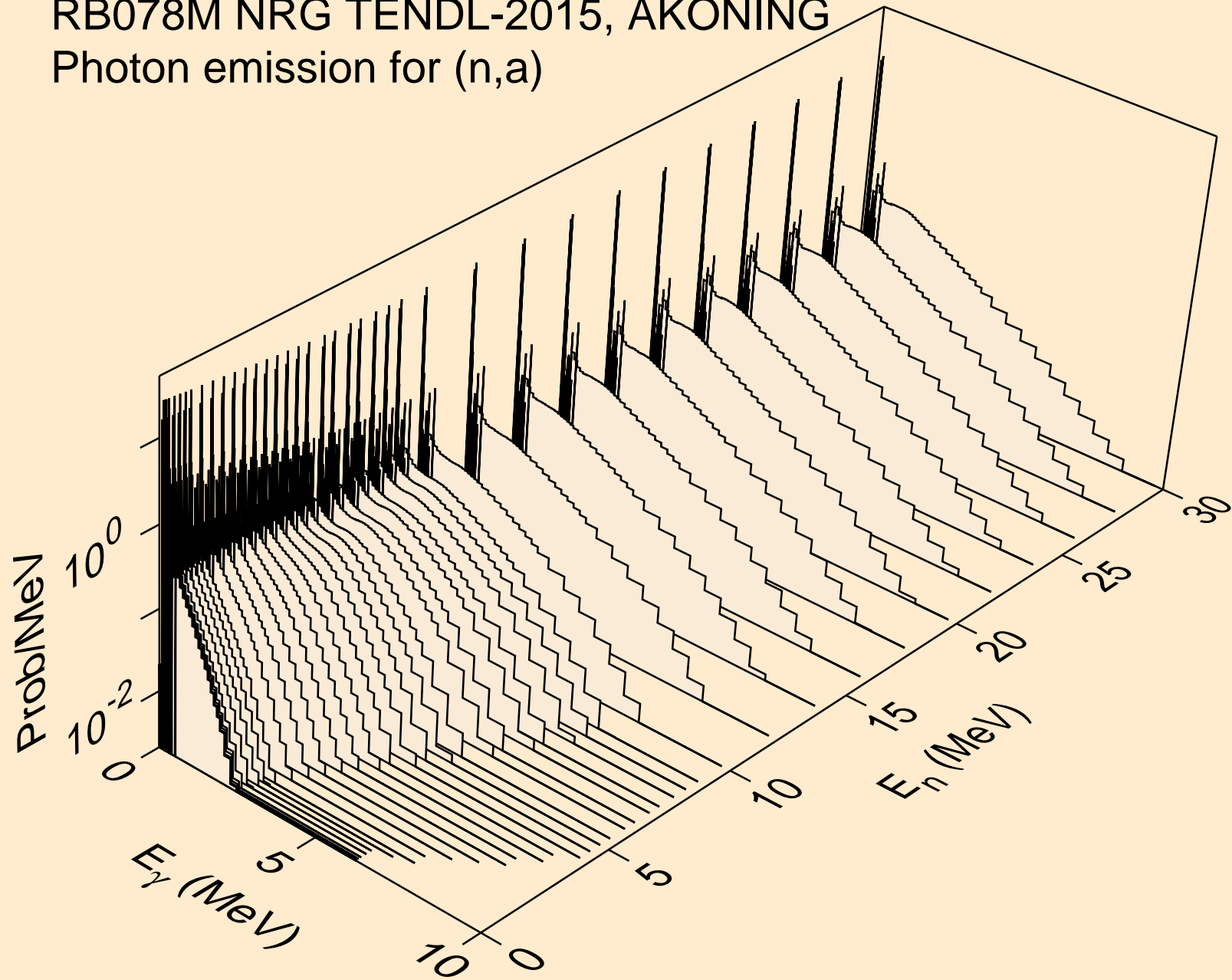
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Photon emission for (n,t)



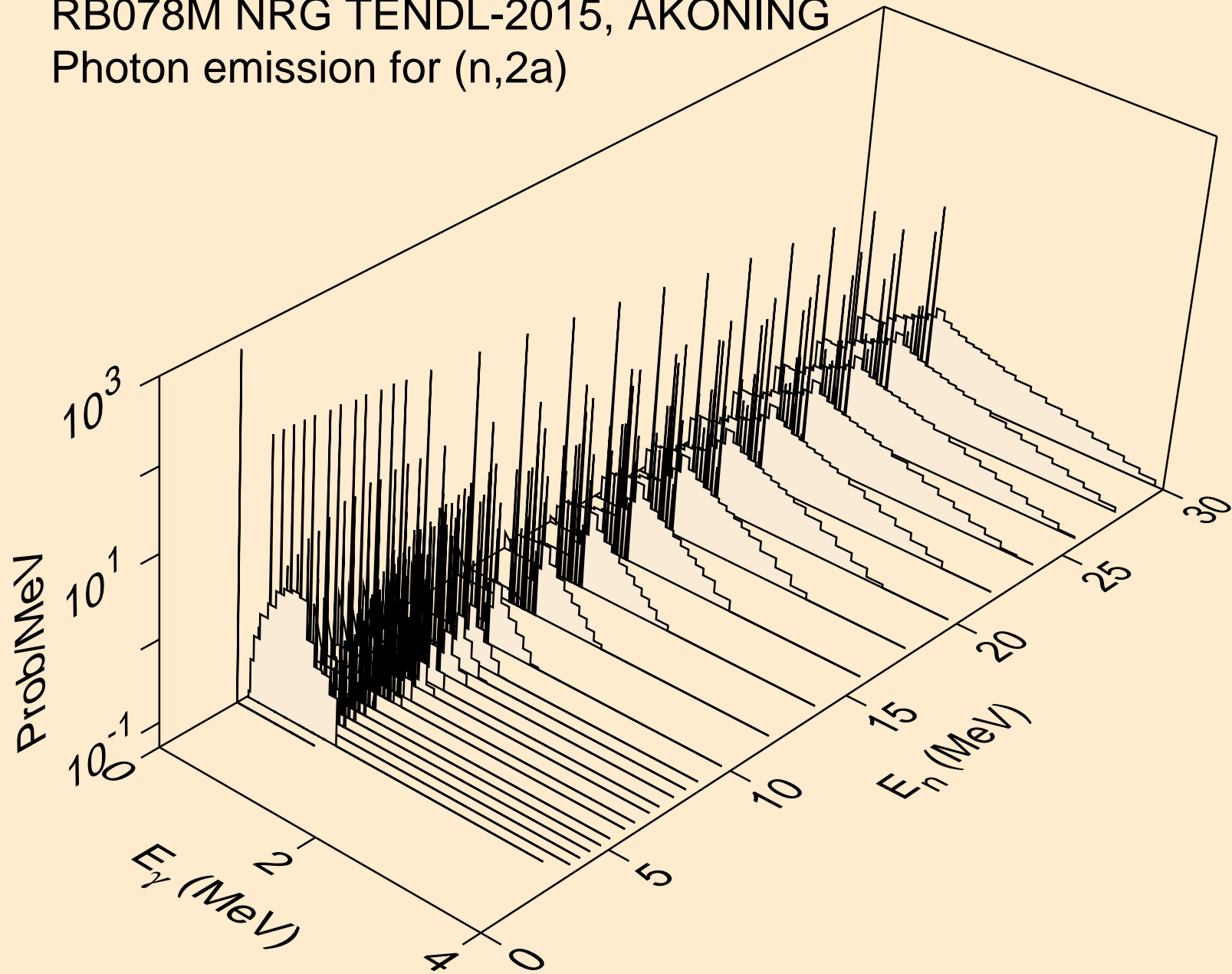
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Photon emission for (n,he3)



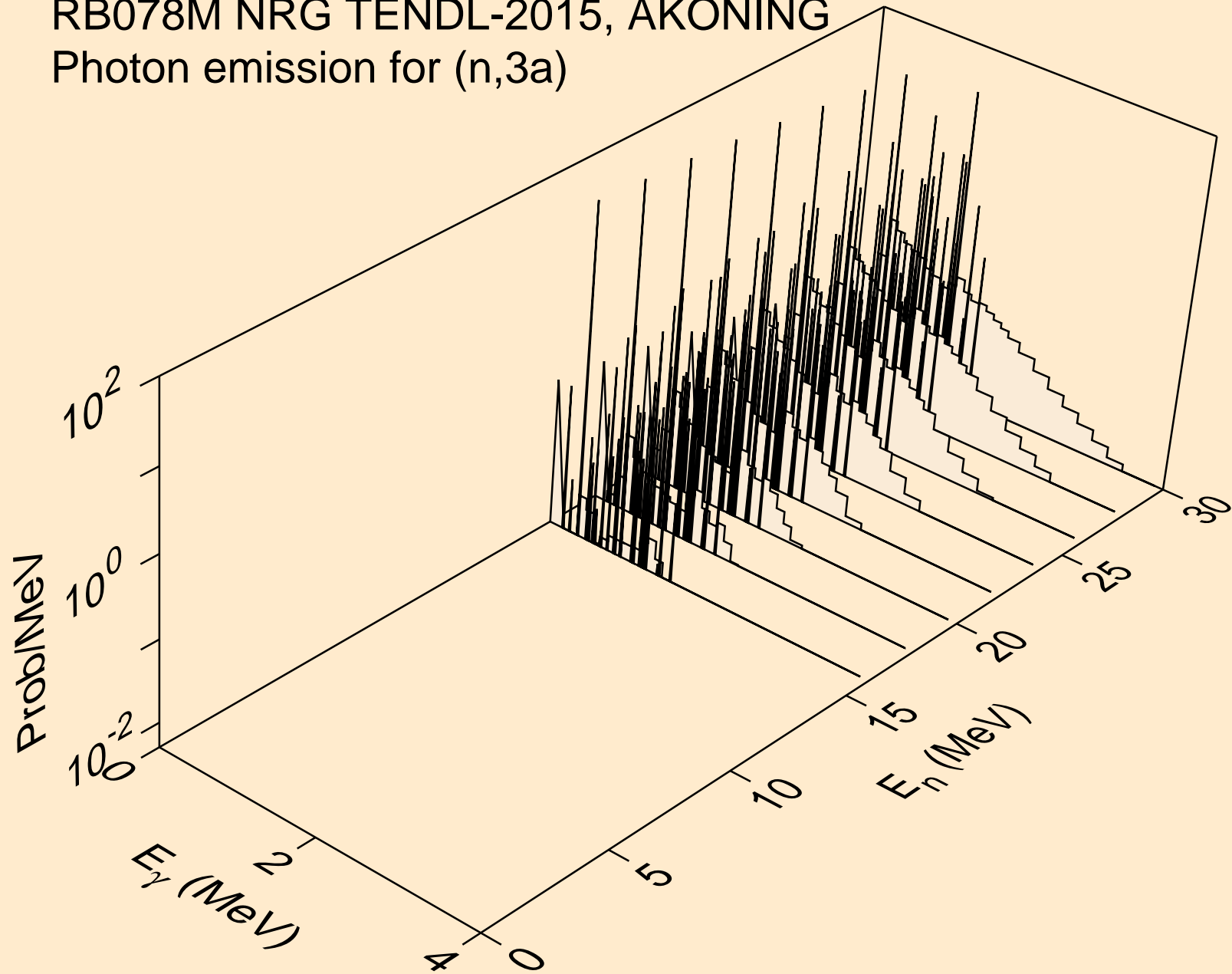
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Photon emission for (n,a)



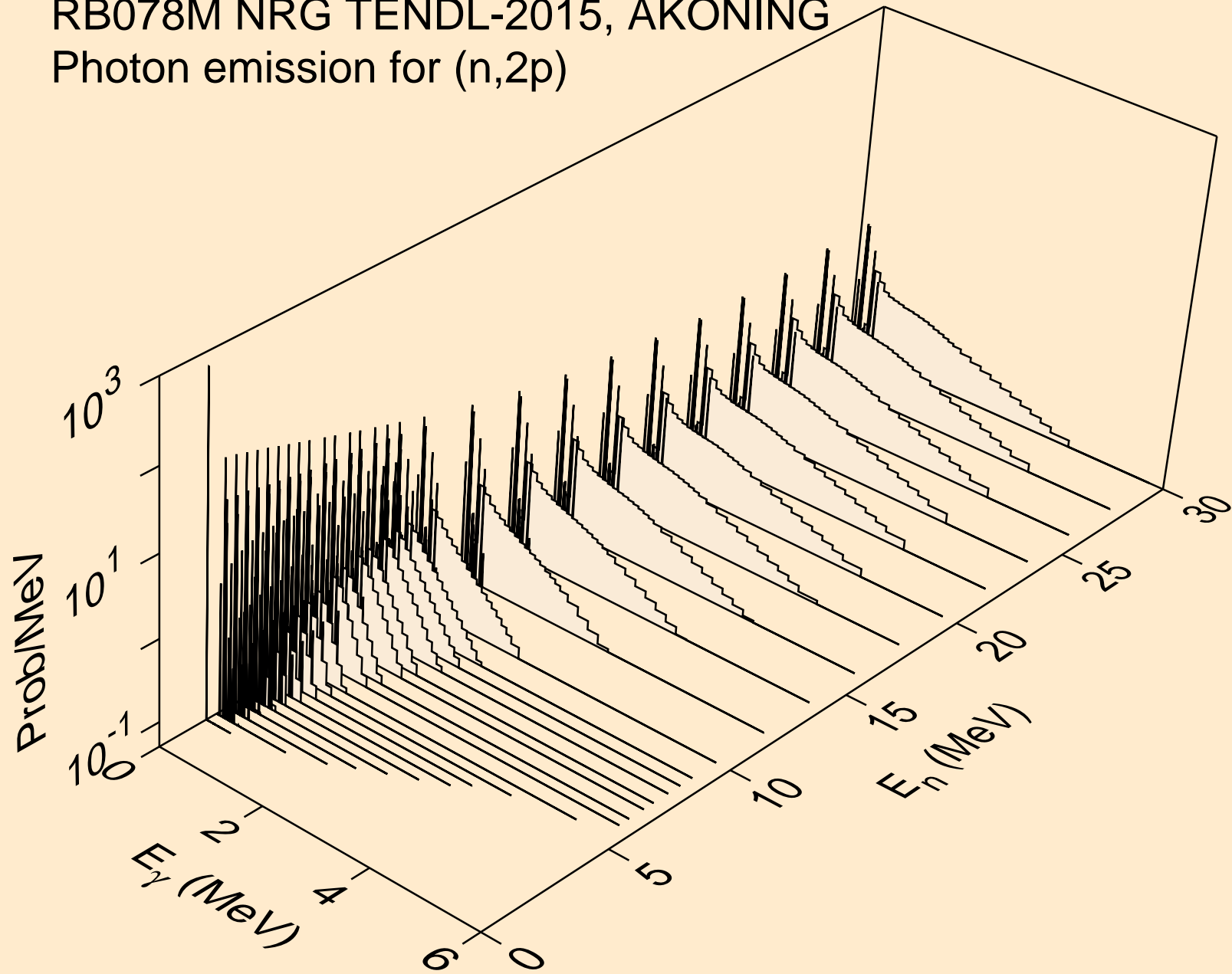
RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



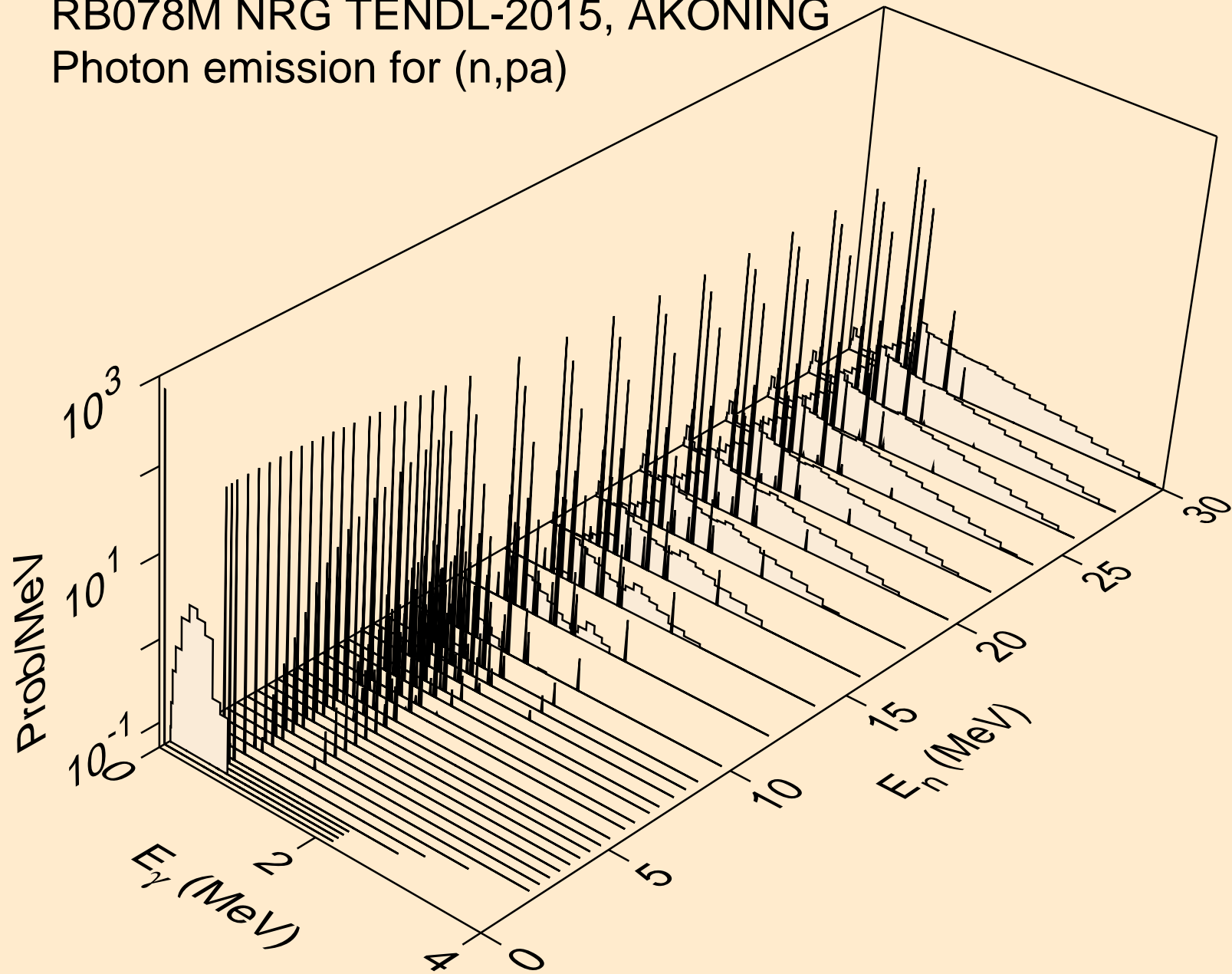
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Photon emission for (n,3a)



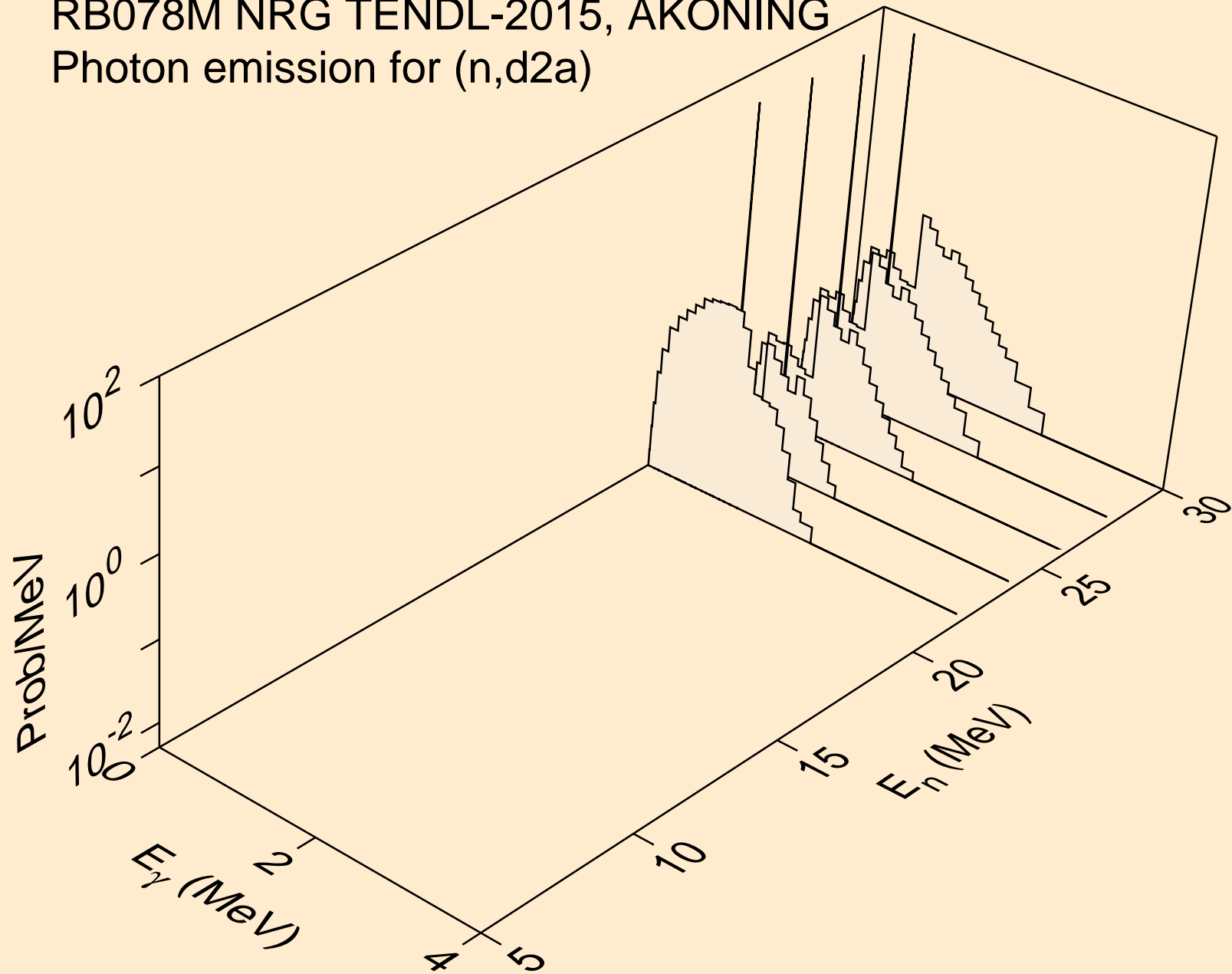
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Photon emission for (n,2p)



RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

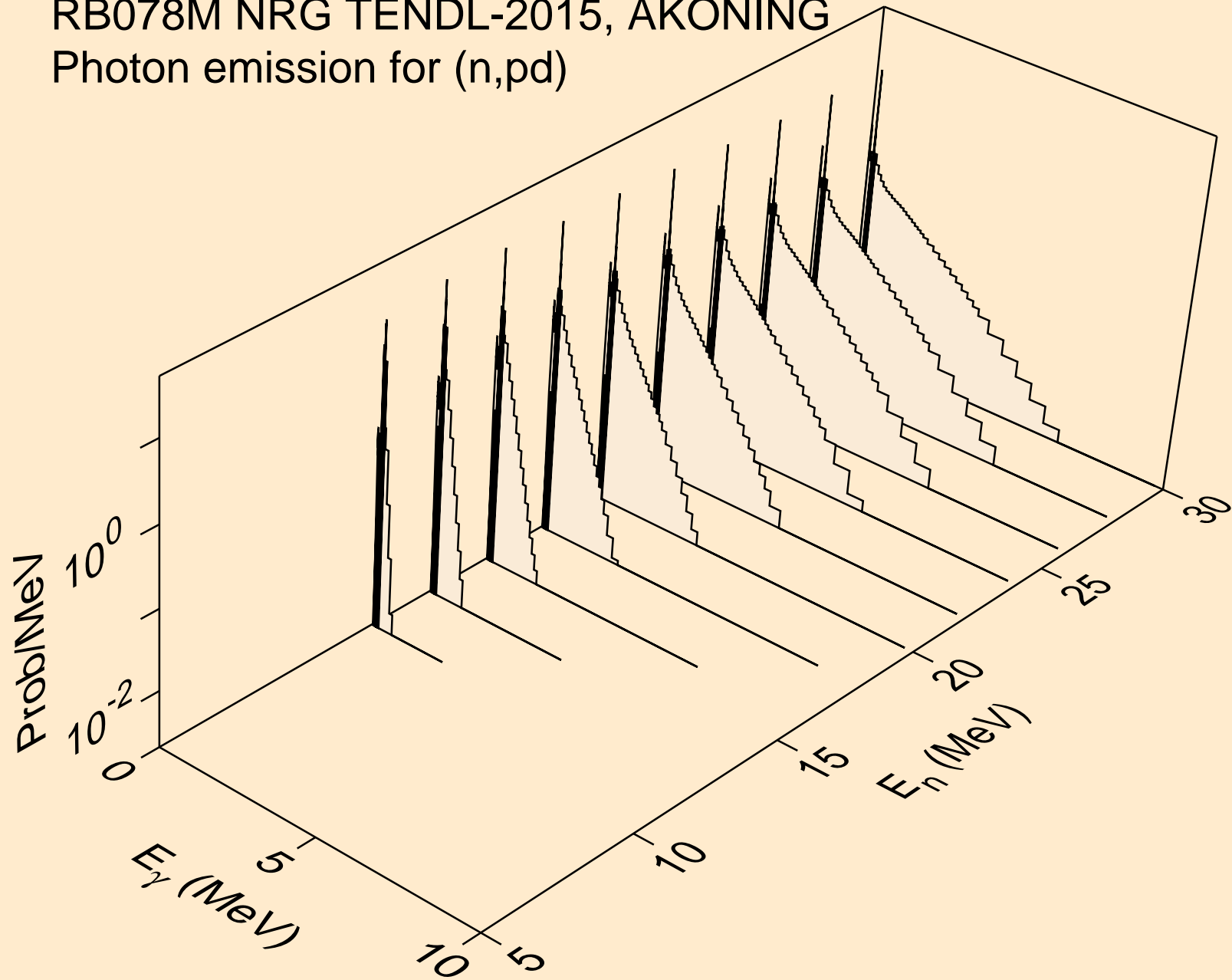


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Photon emission for (n,d2a)

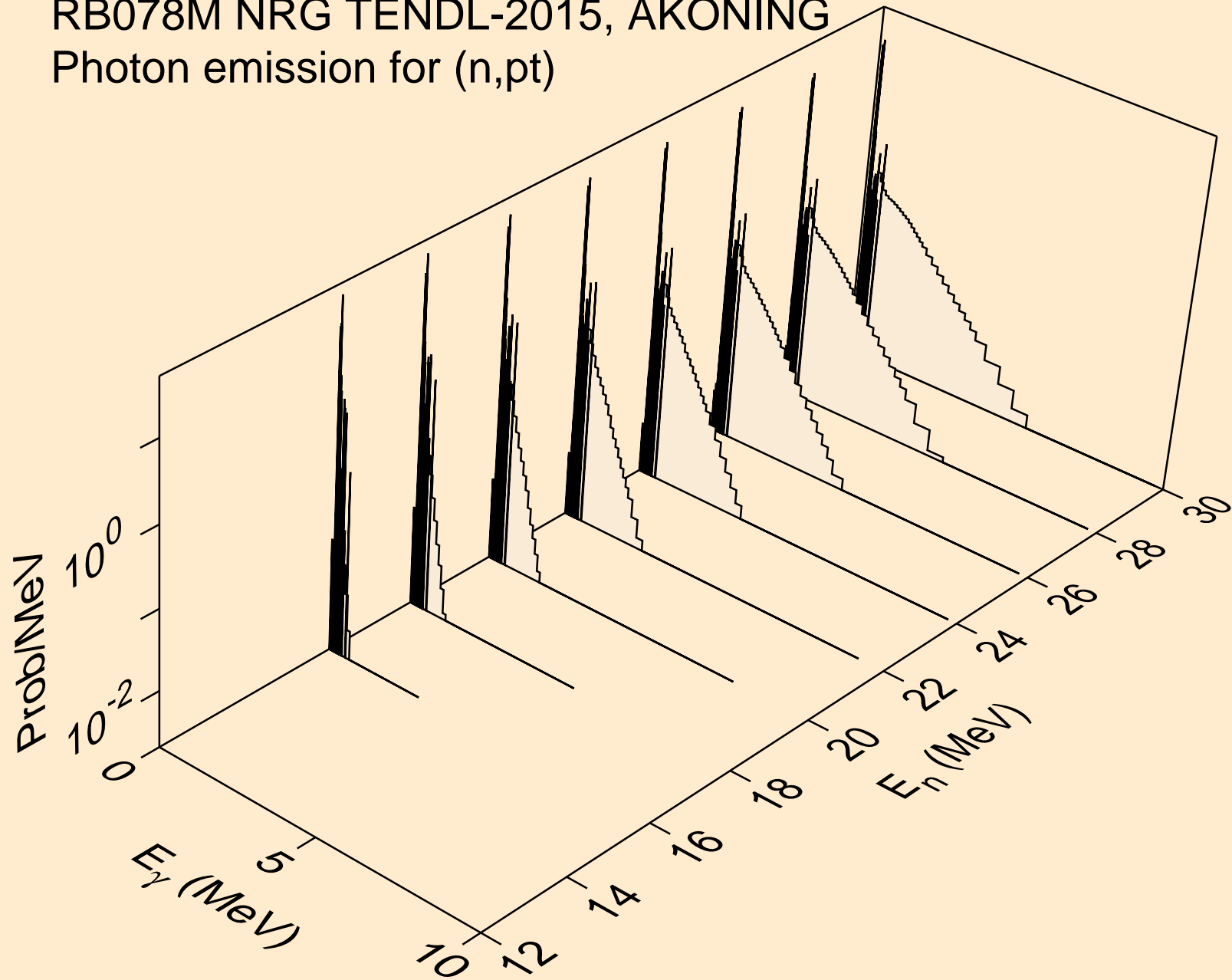




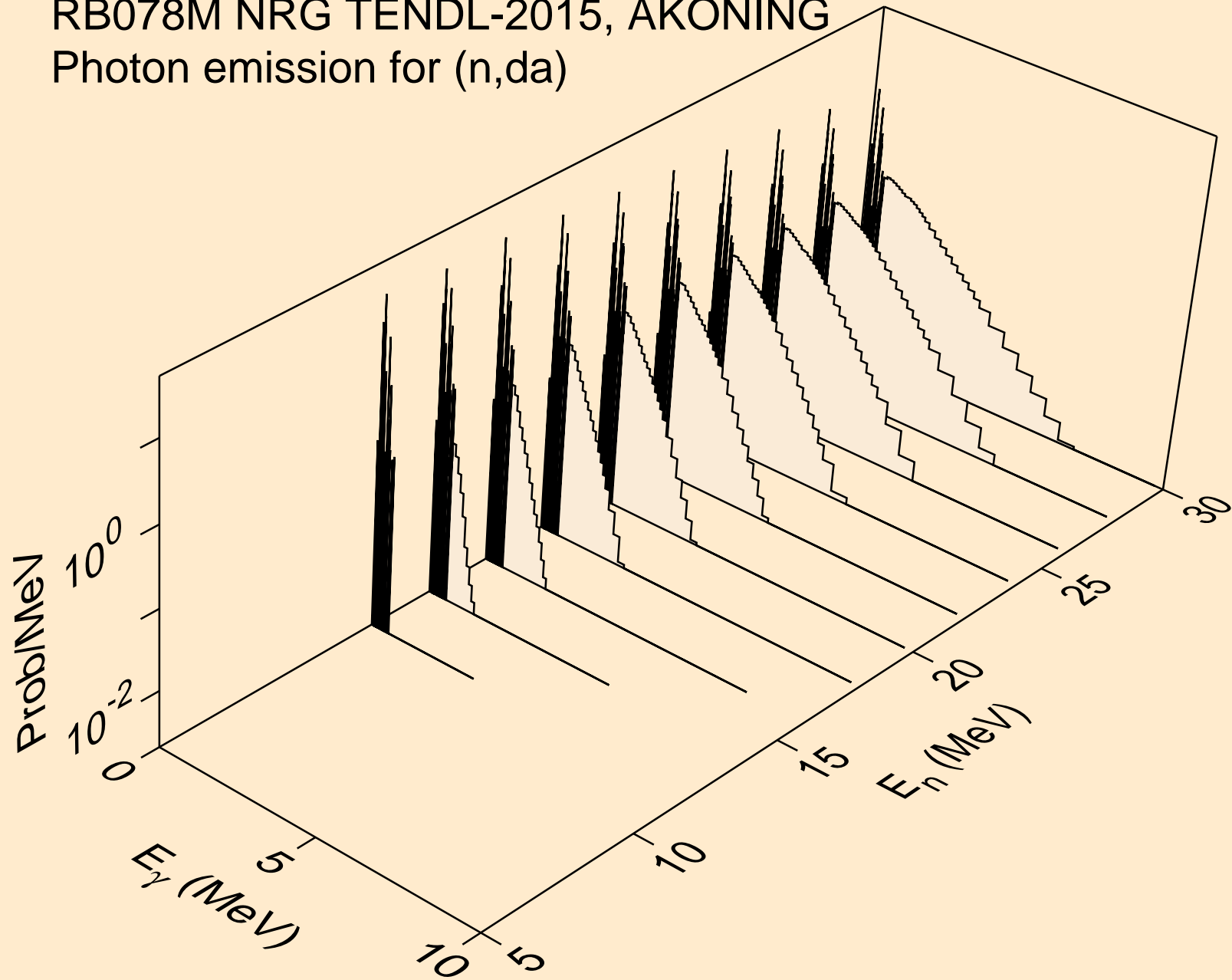
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Photon emission for (n,pd)



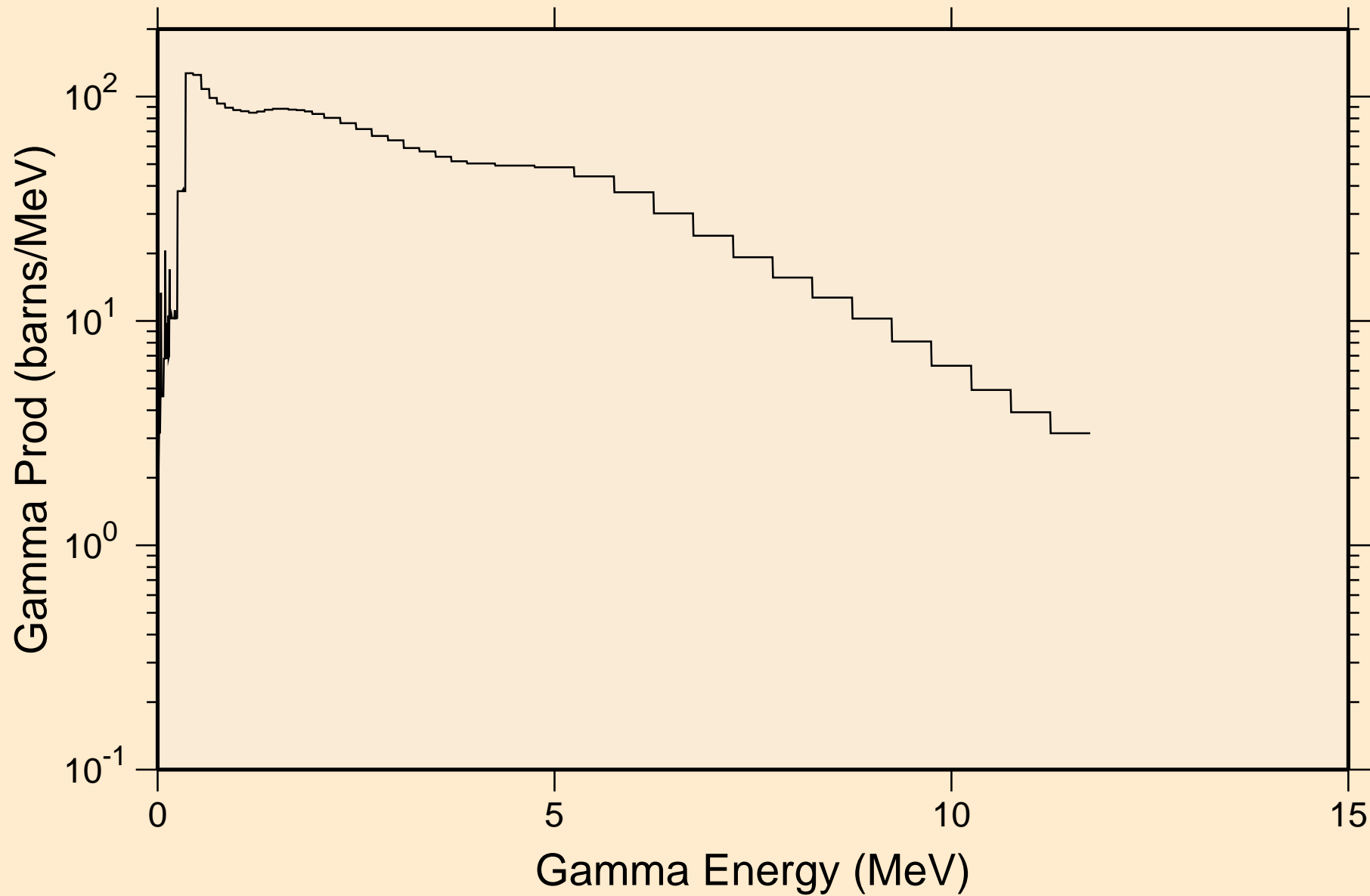
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Photon emission for (n,pt)



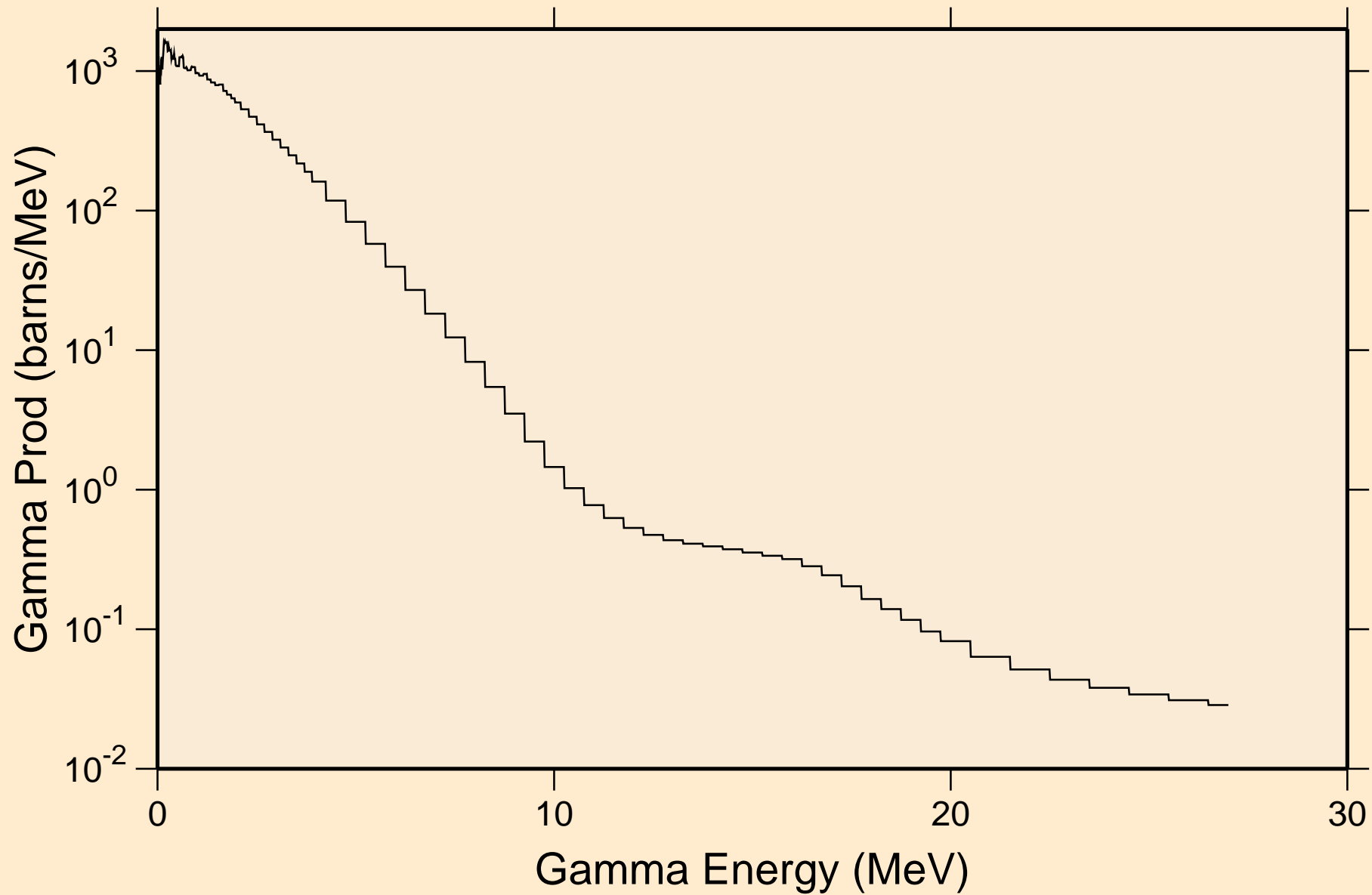
RB078M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RB078M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

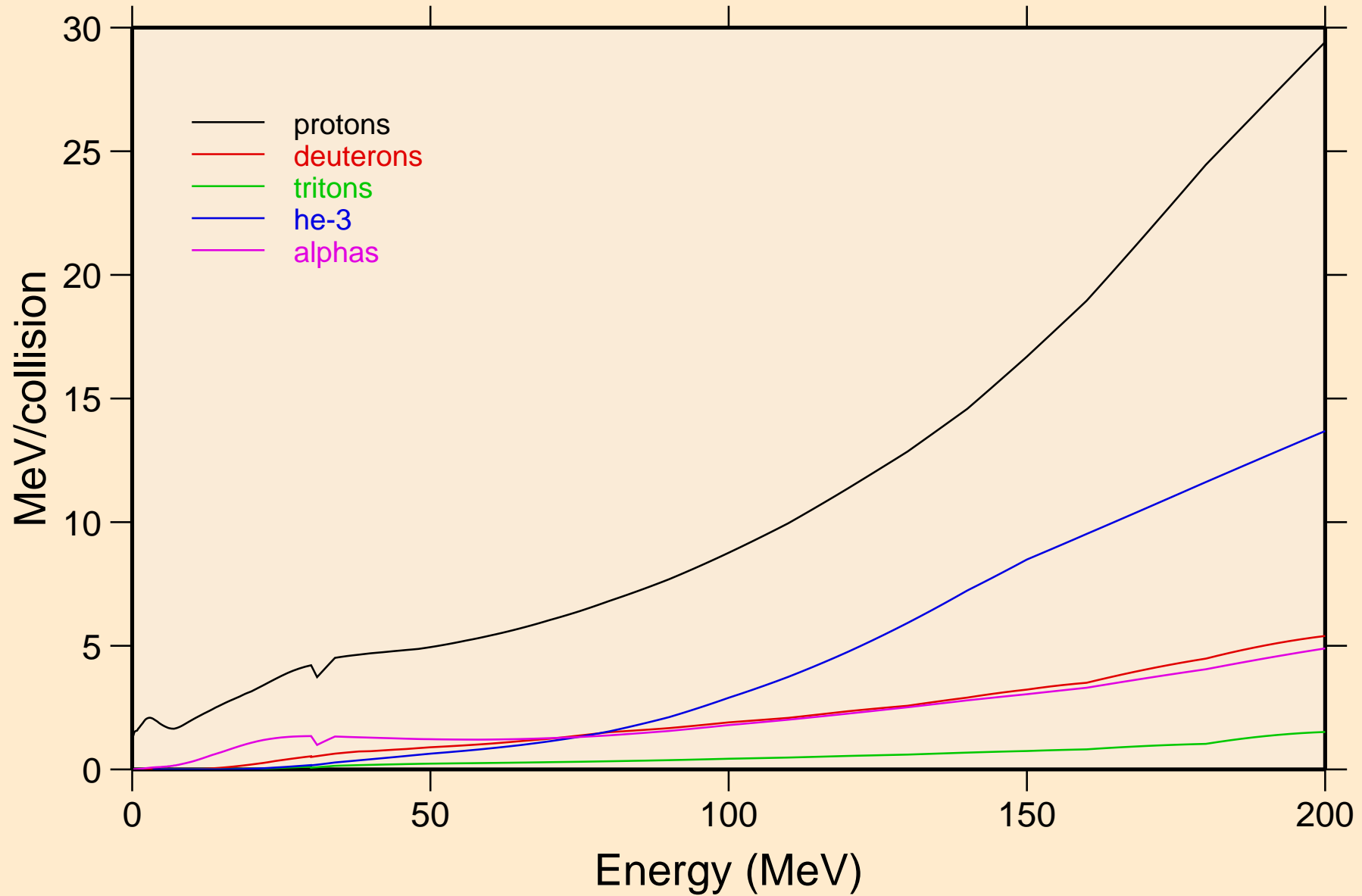


RB078M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



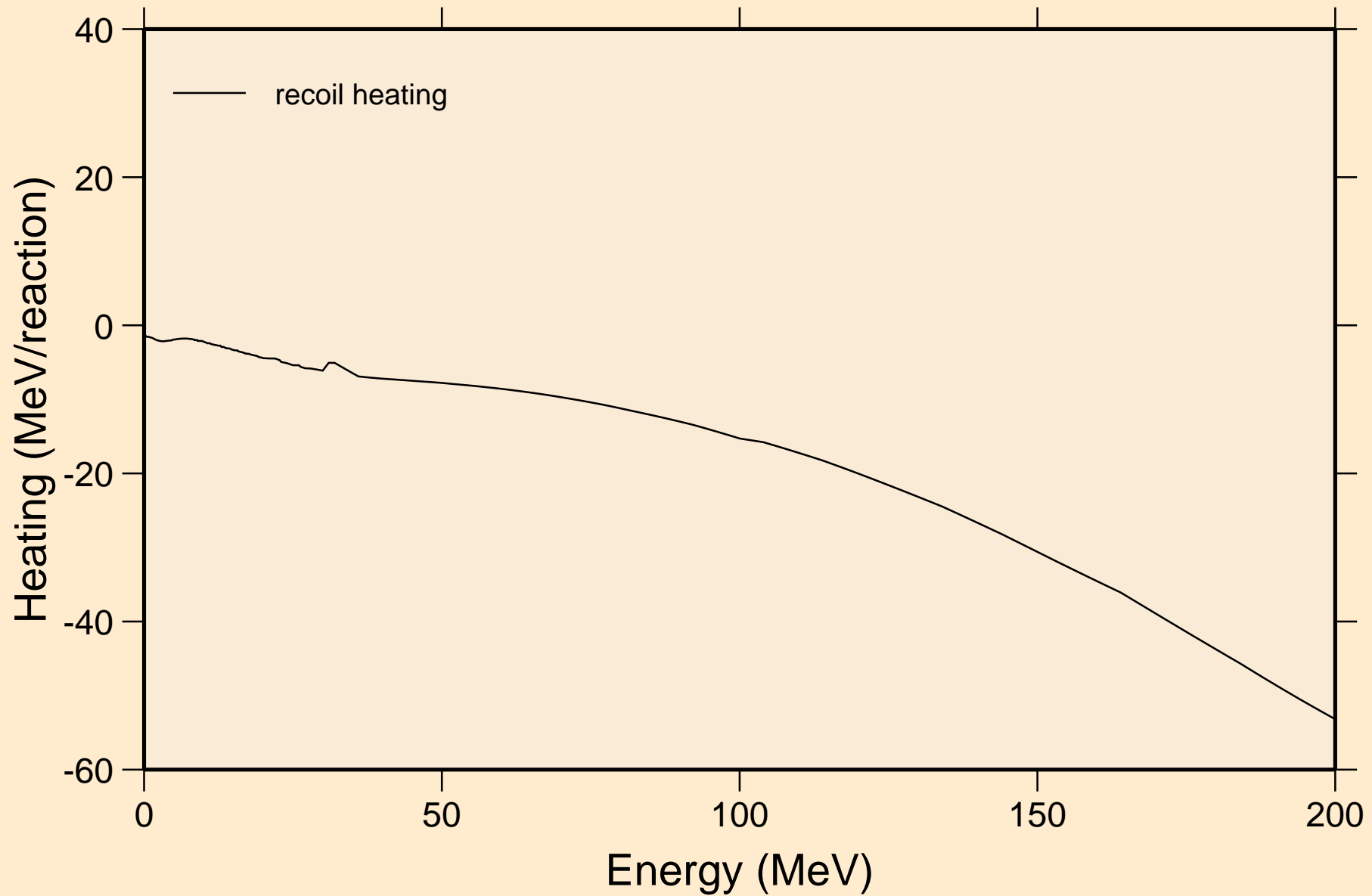
# RB078M NRG TENDL-2015, AKONING

## Particle heating contributions



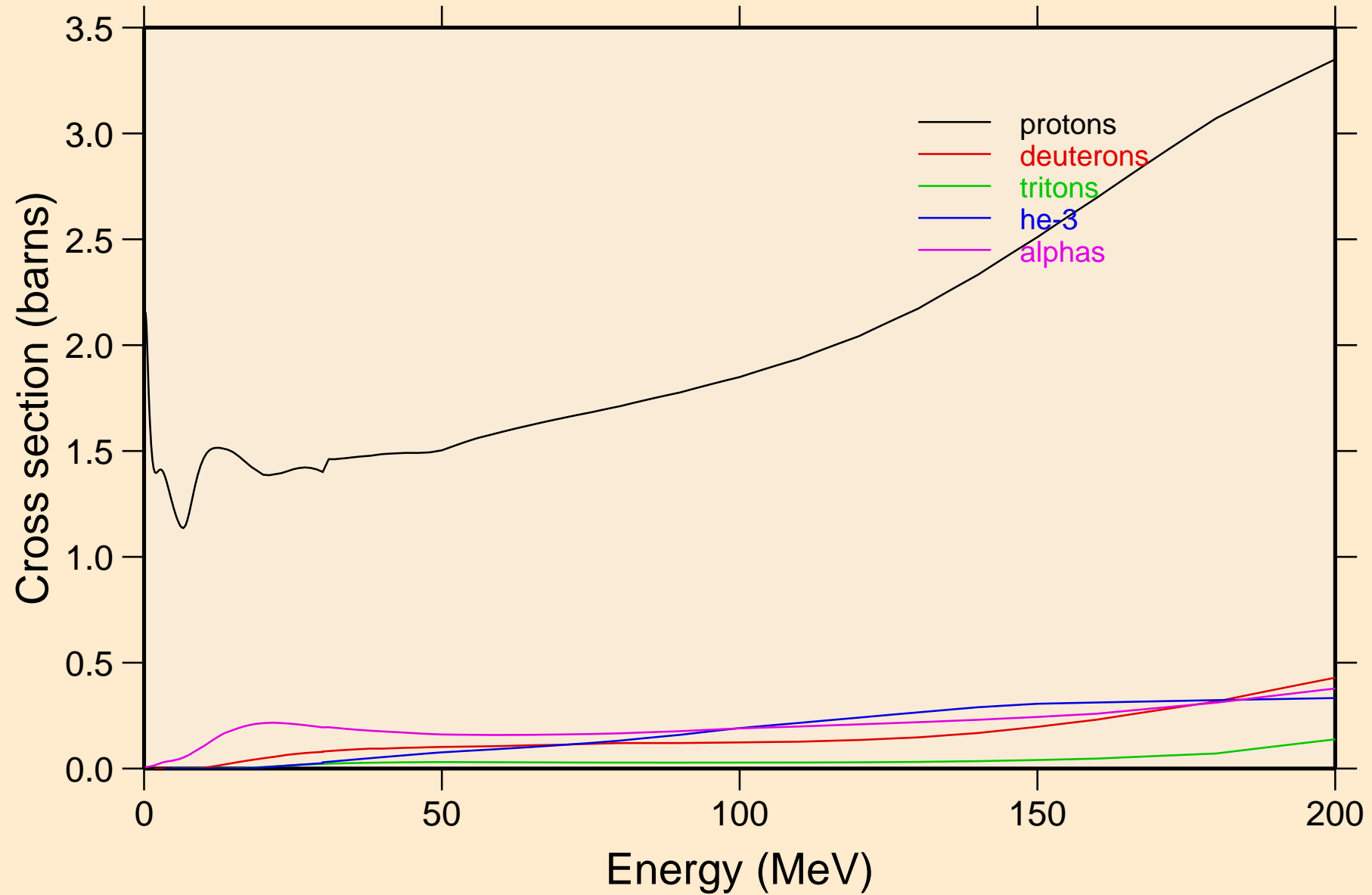
# RB078M NRG TENDL-2015, AKONING

## Recoil Heating



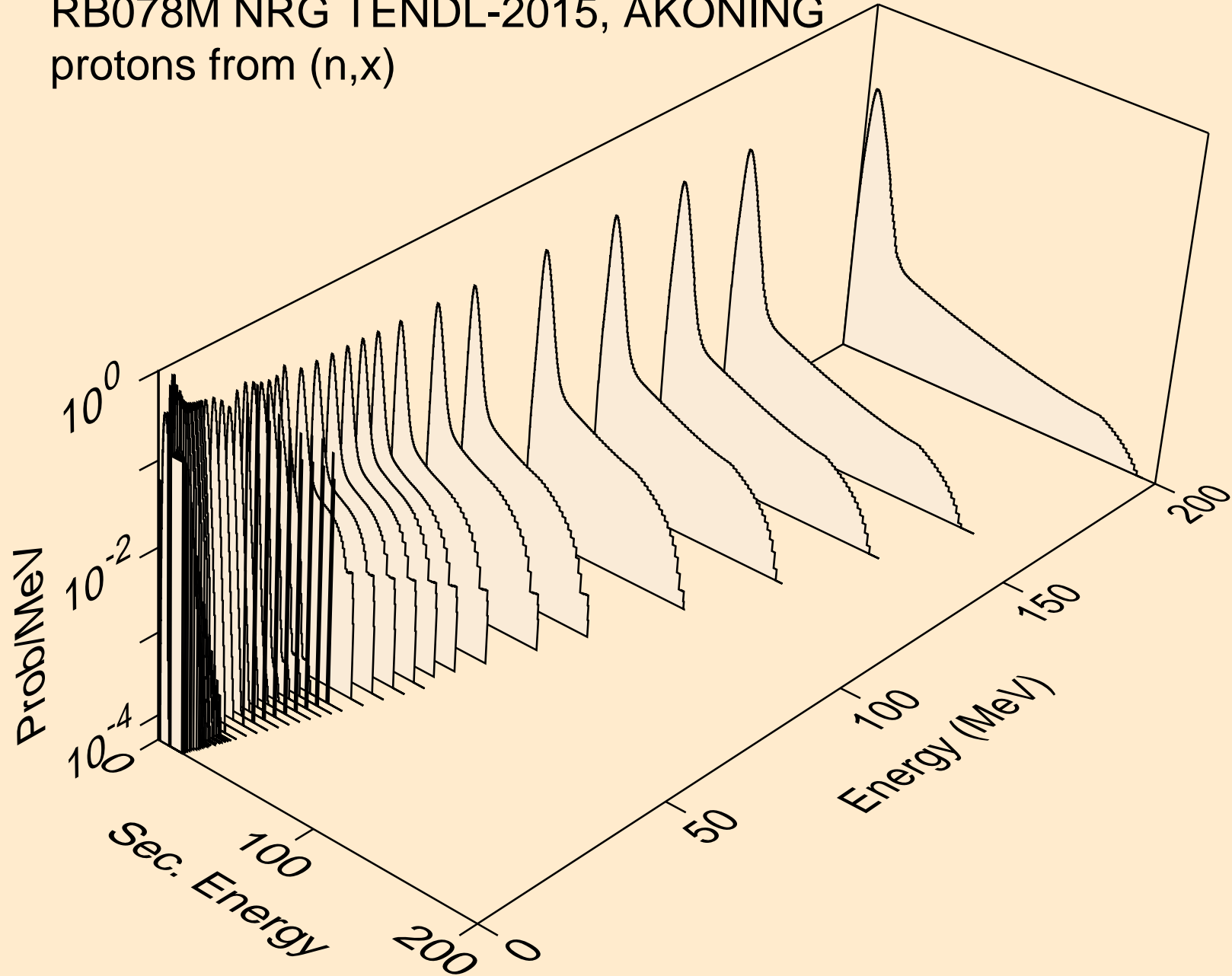
# RB078M NRG TENDL-2015, AKONING

## Particle production cross sections

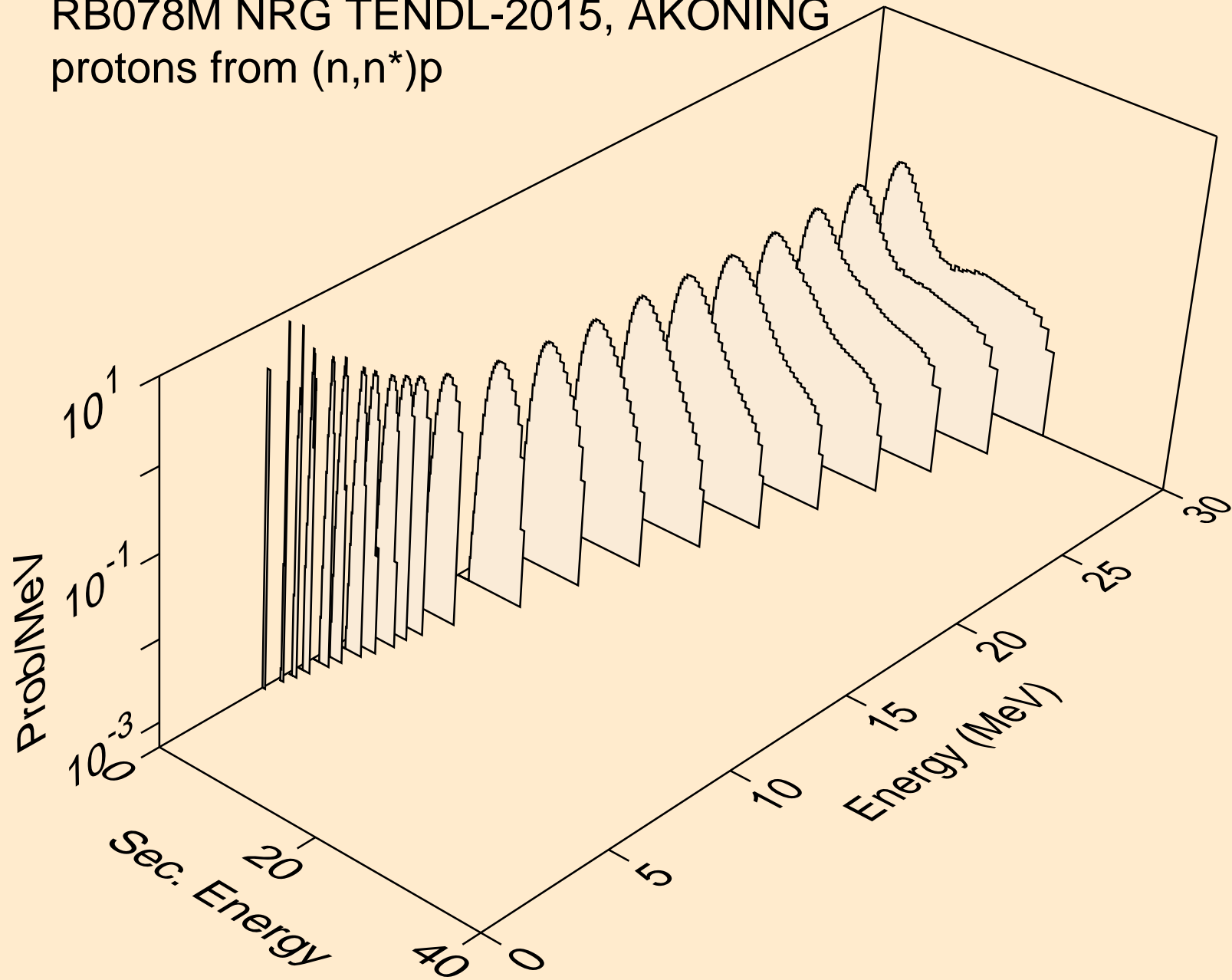




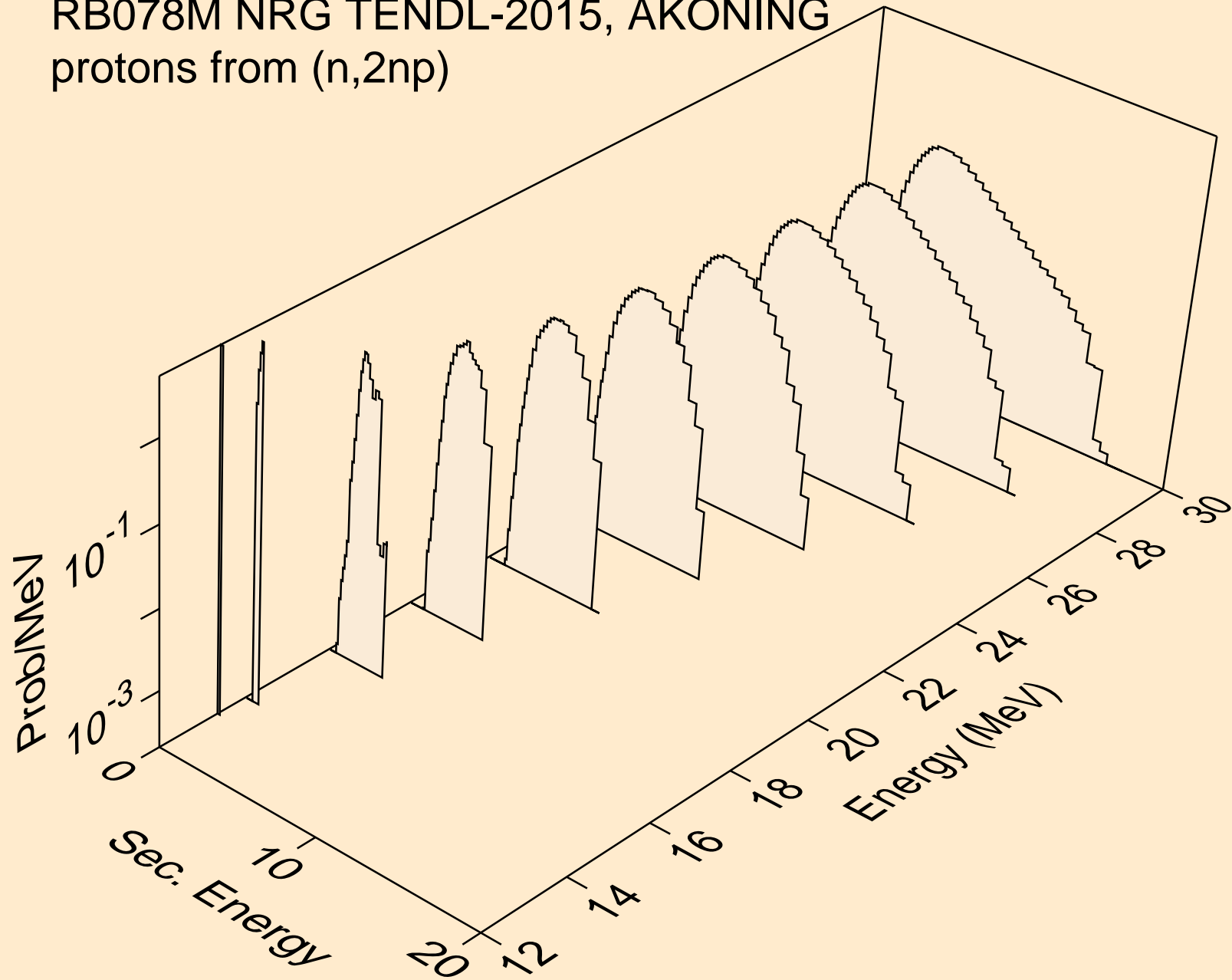
RB078M NRG TENDL-2015, AKONING  
protons from (n,x)



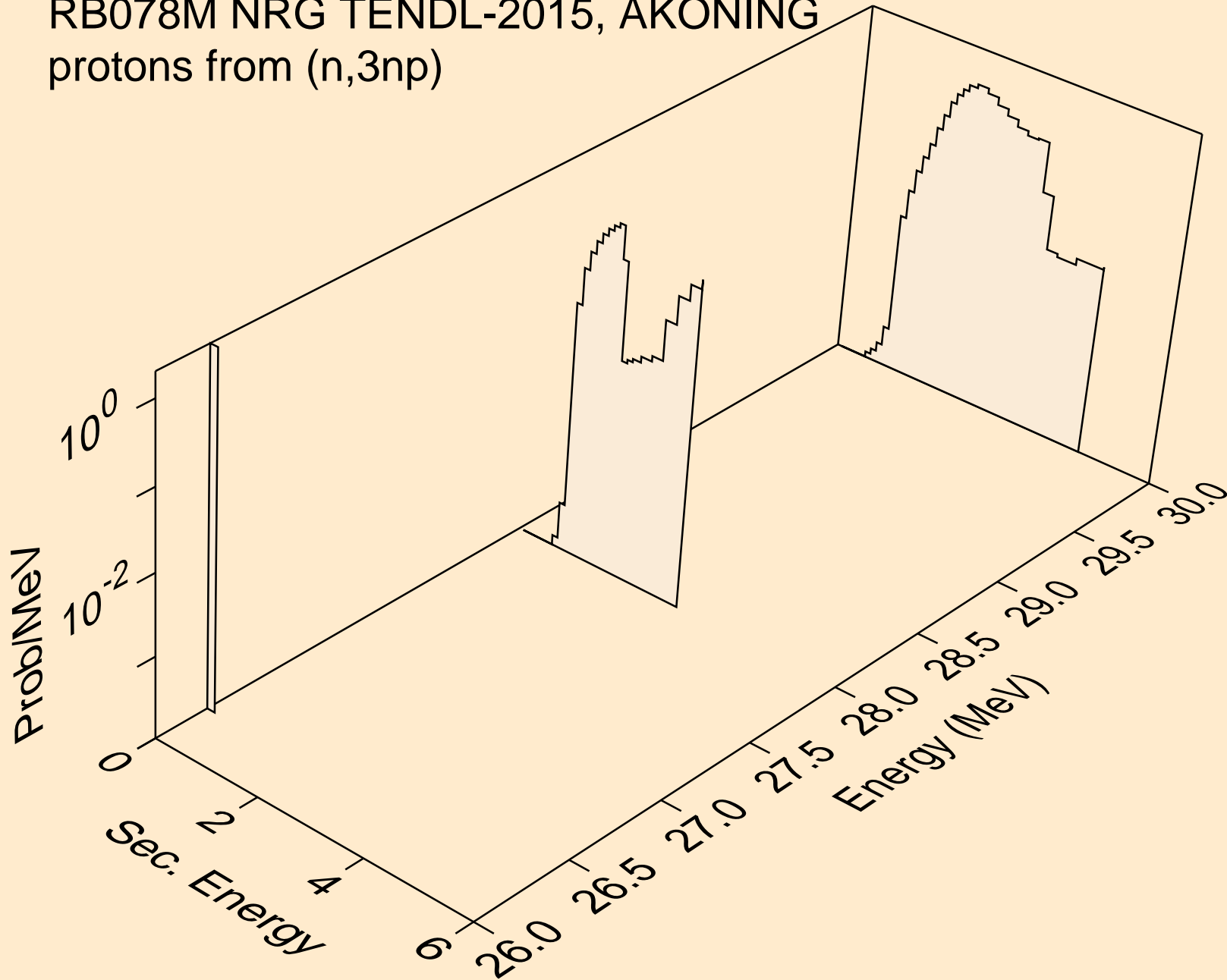
RB078M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



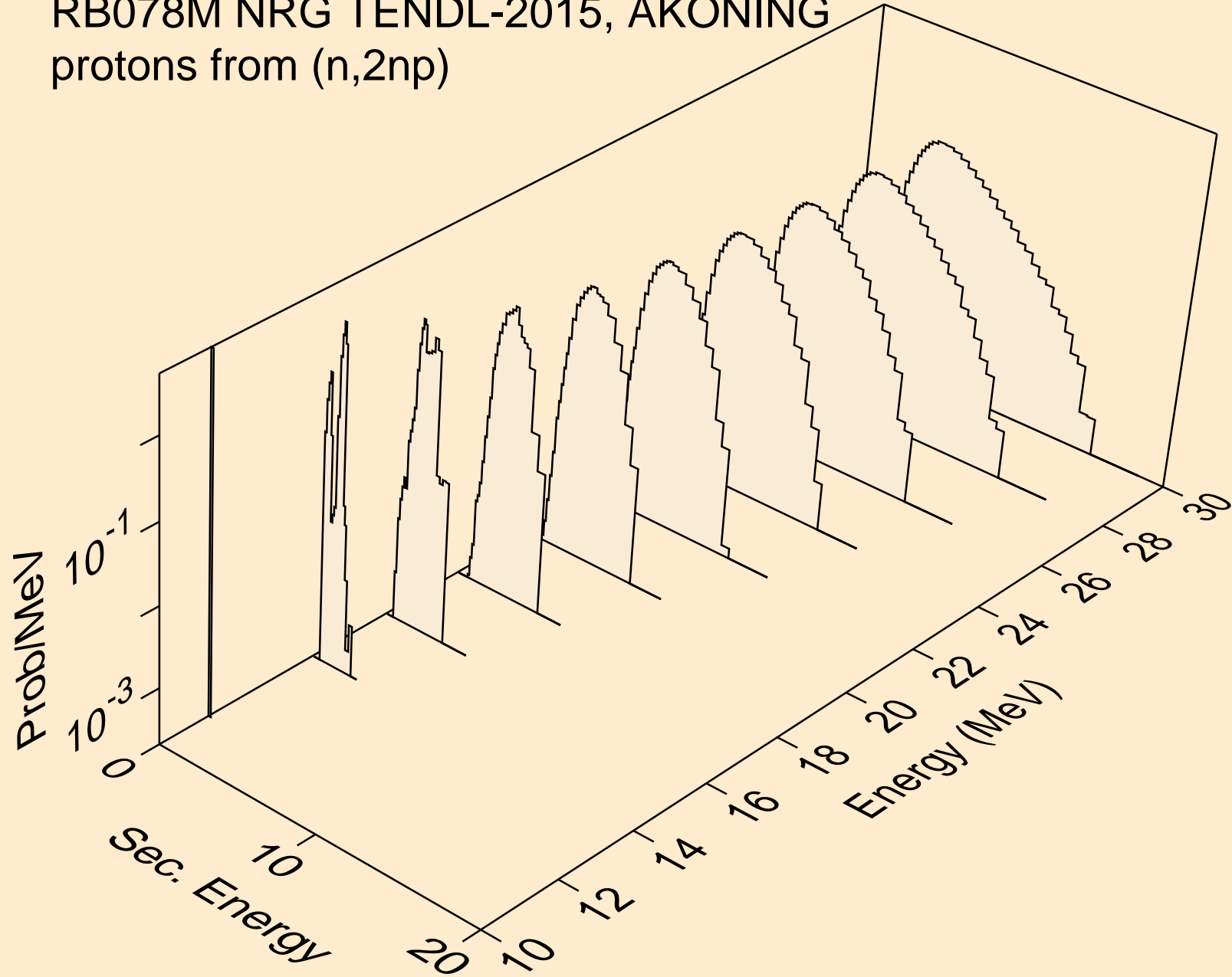
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protons from (n,2np)



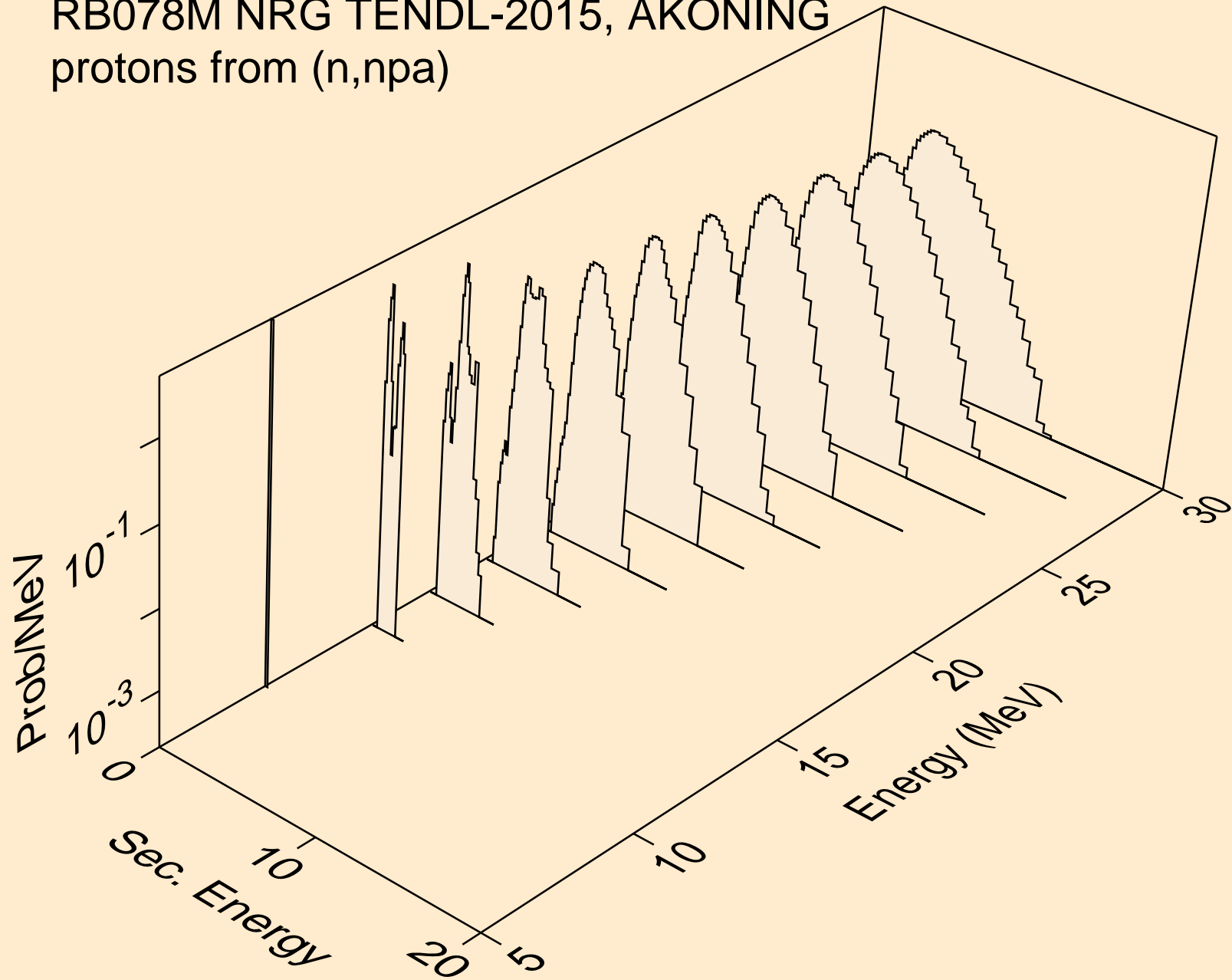
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protons from (n,3np)



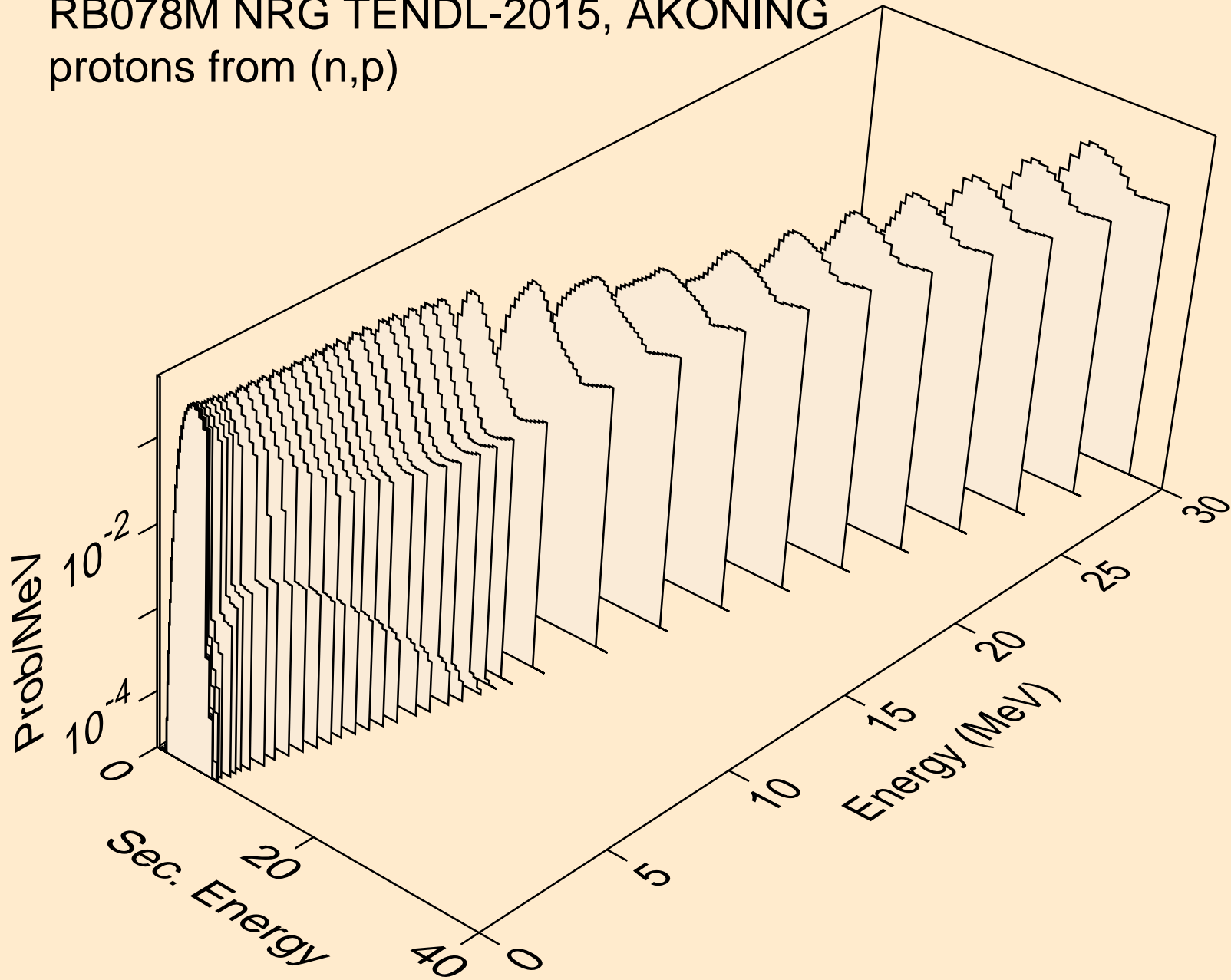
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protons from (n,2np)



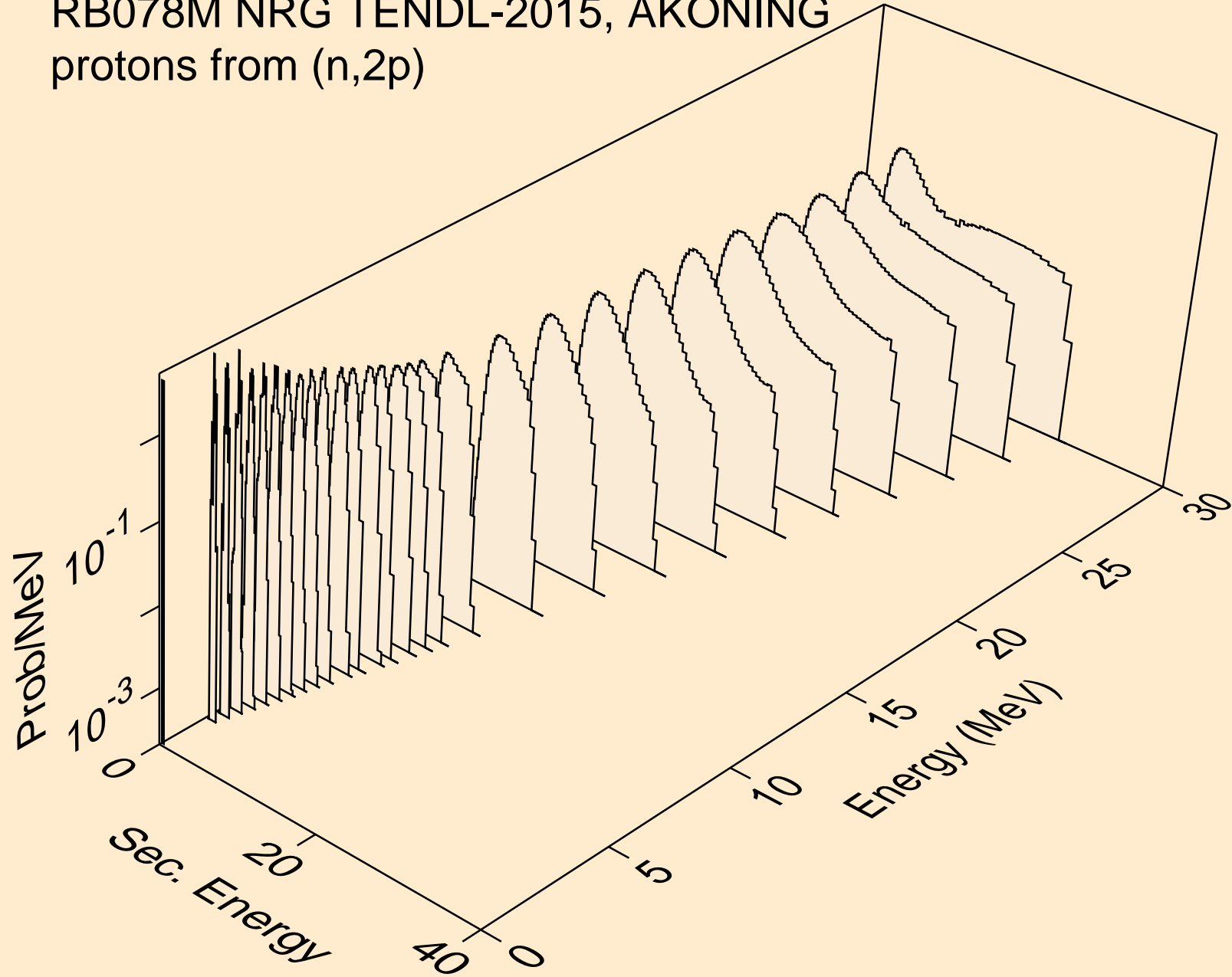
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protons from (n,npa)



RB078M NRG TENDL-2015, AKONING  
protons from (n,p)

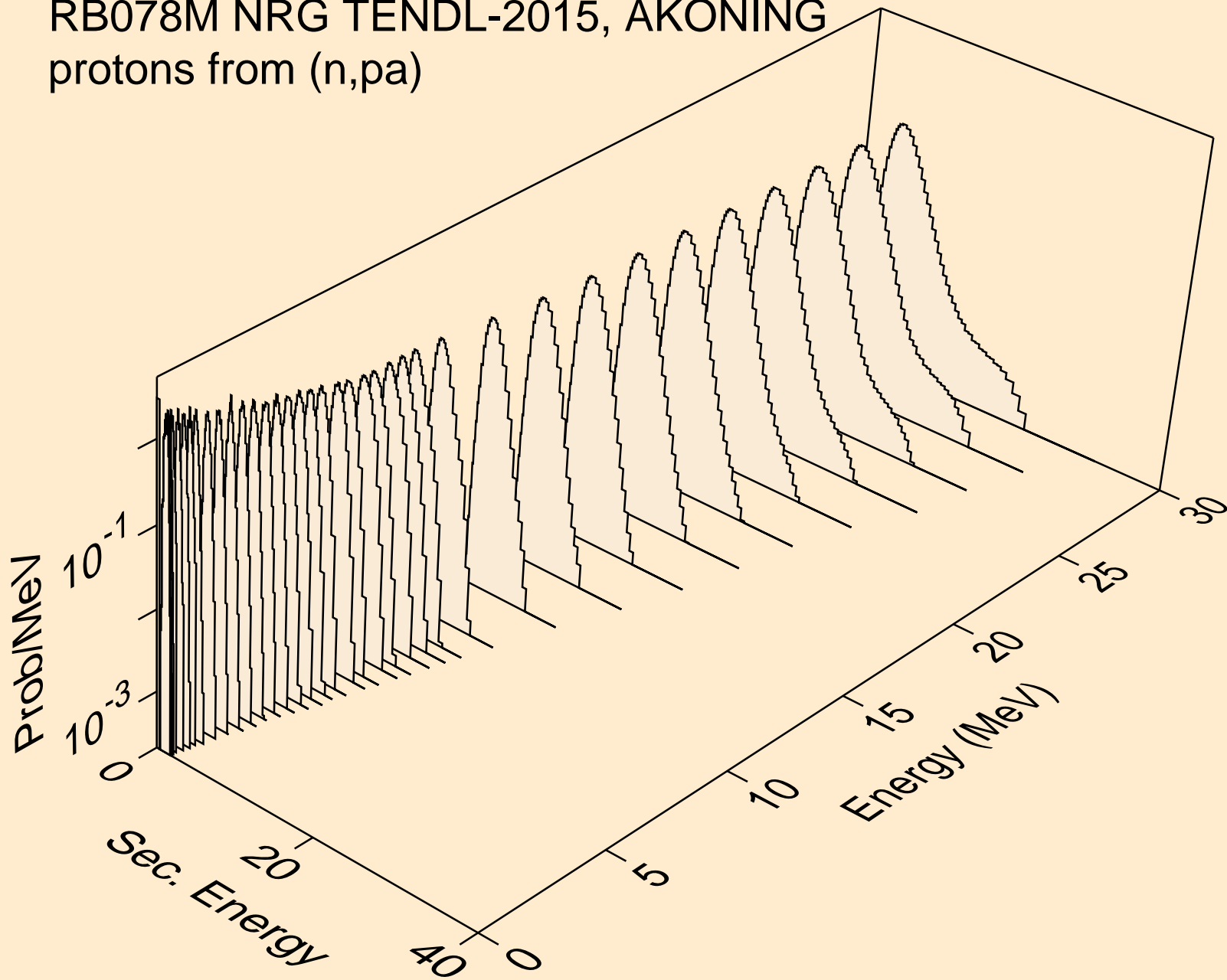


RB078M NRG TENDL-2015, AKONING  
protons from (n,2p)

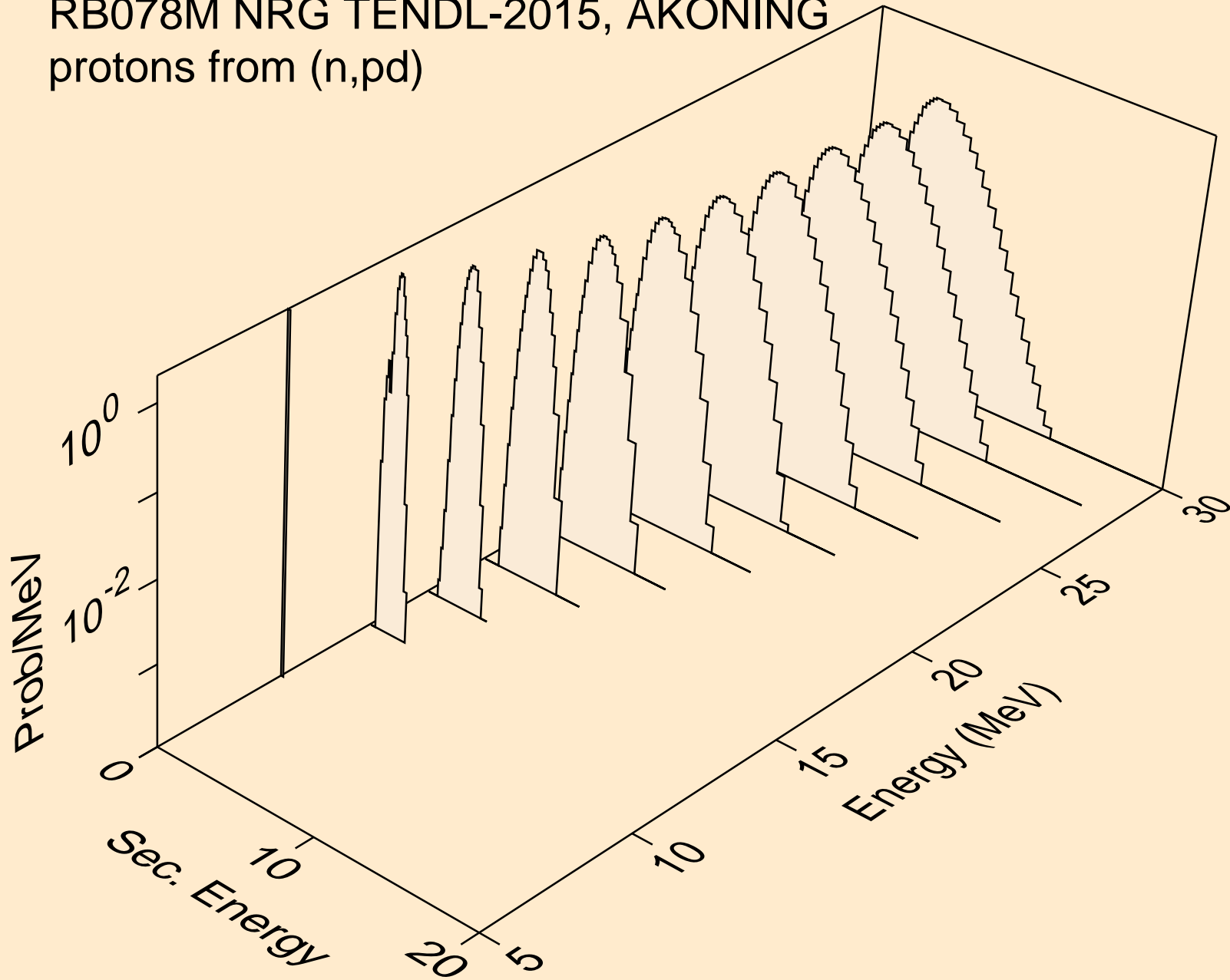




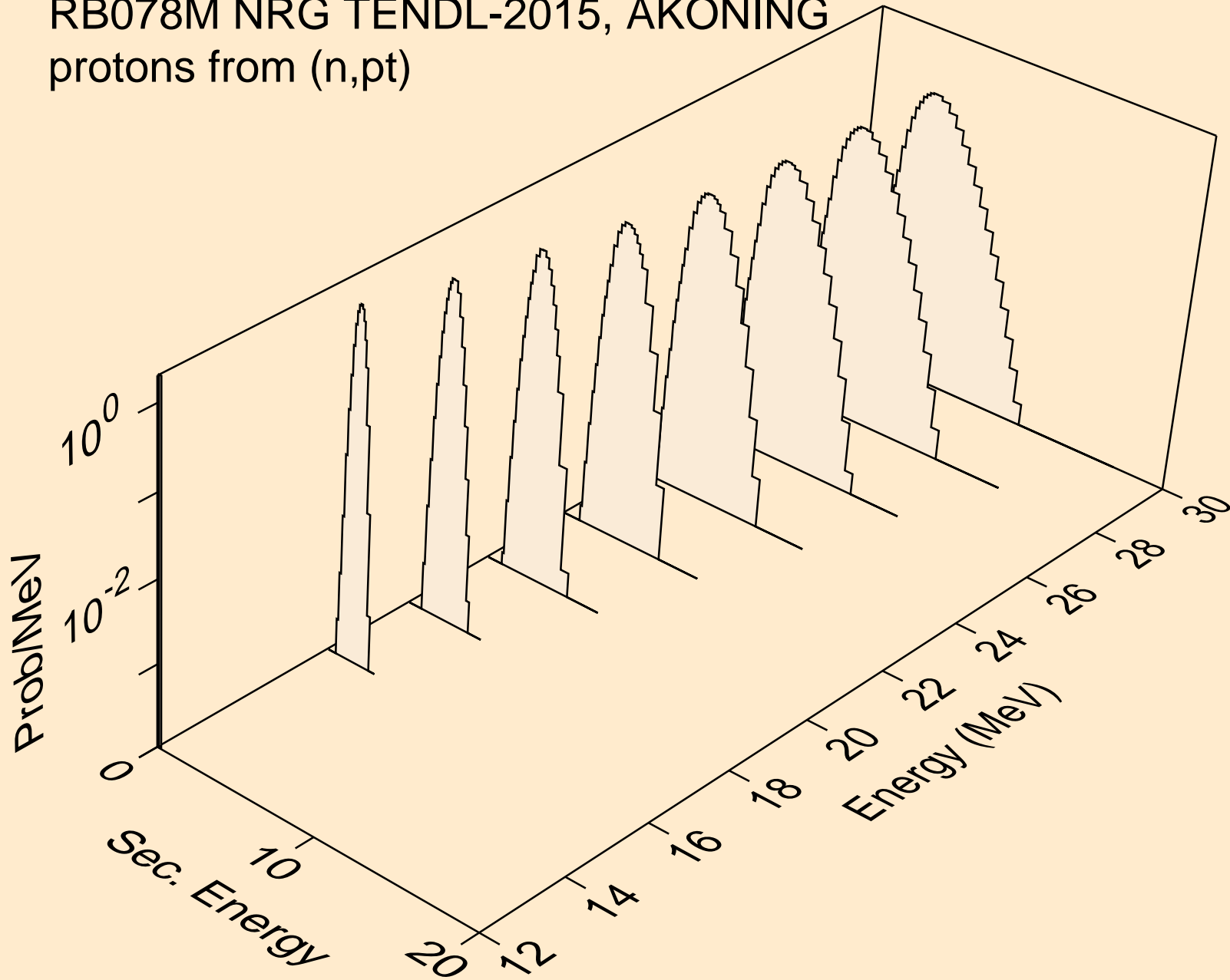
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protons from (n,pa)



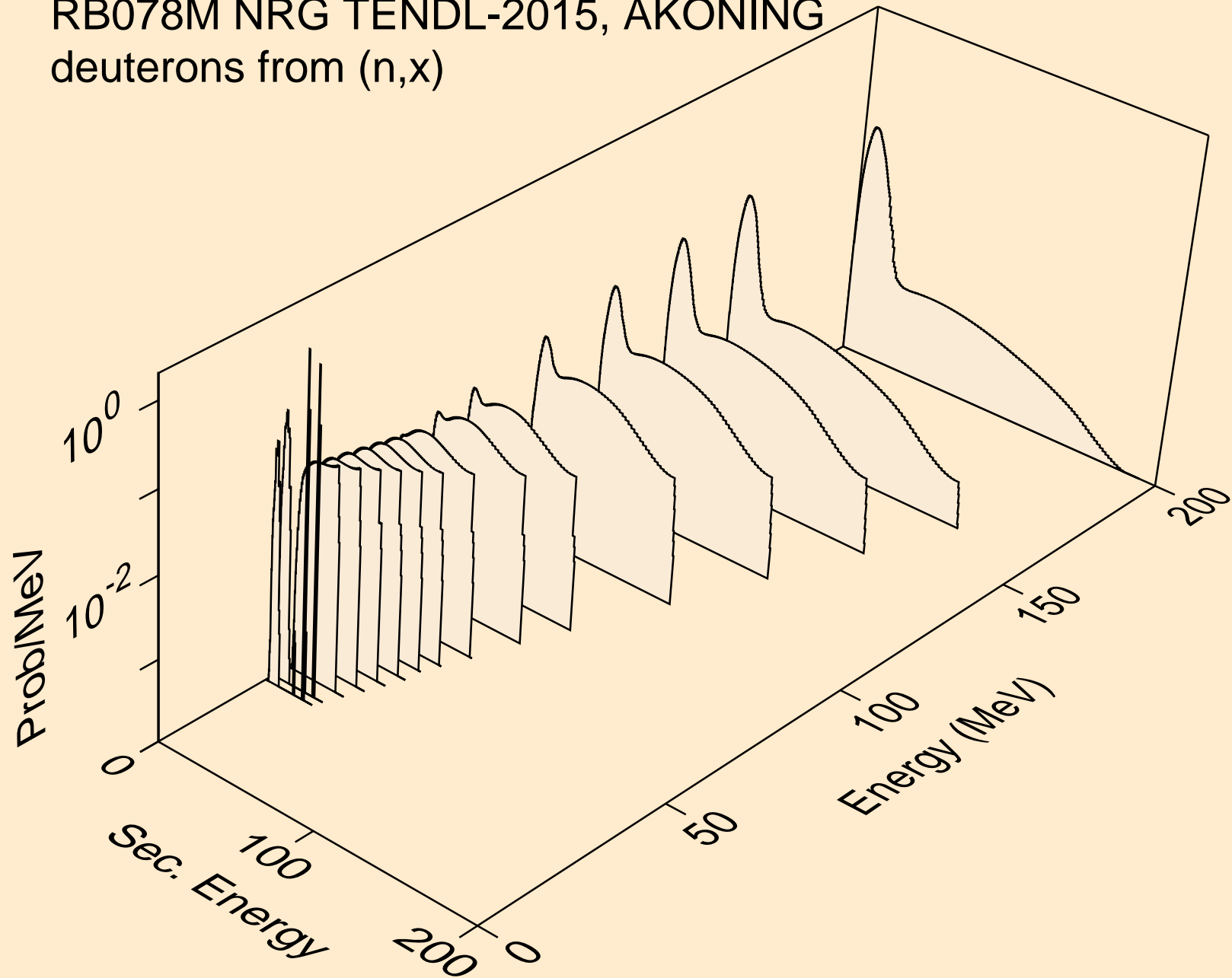
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protons from (n,pd)



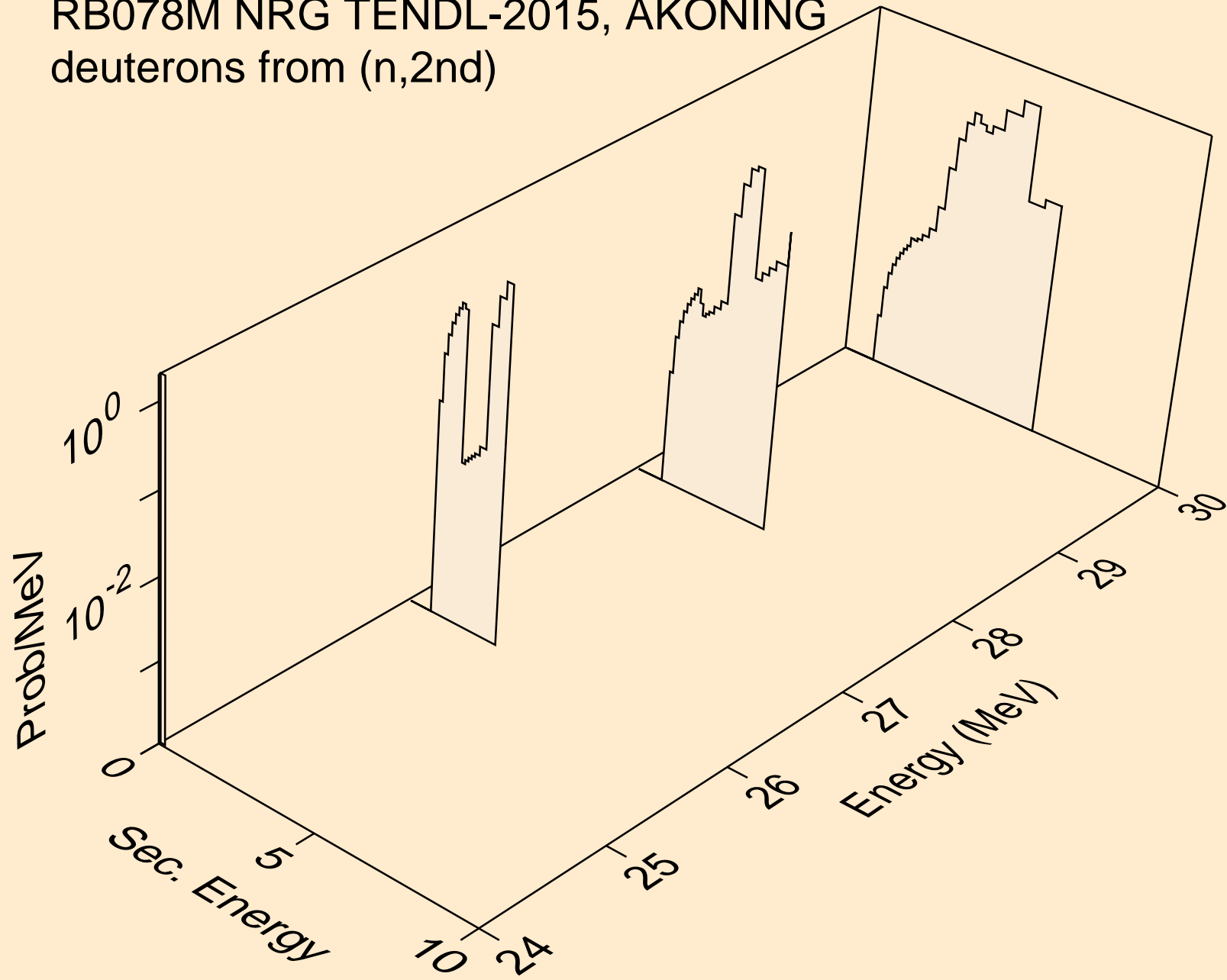
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protons from (n,pt)



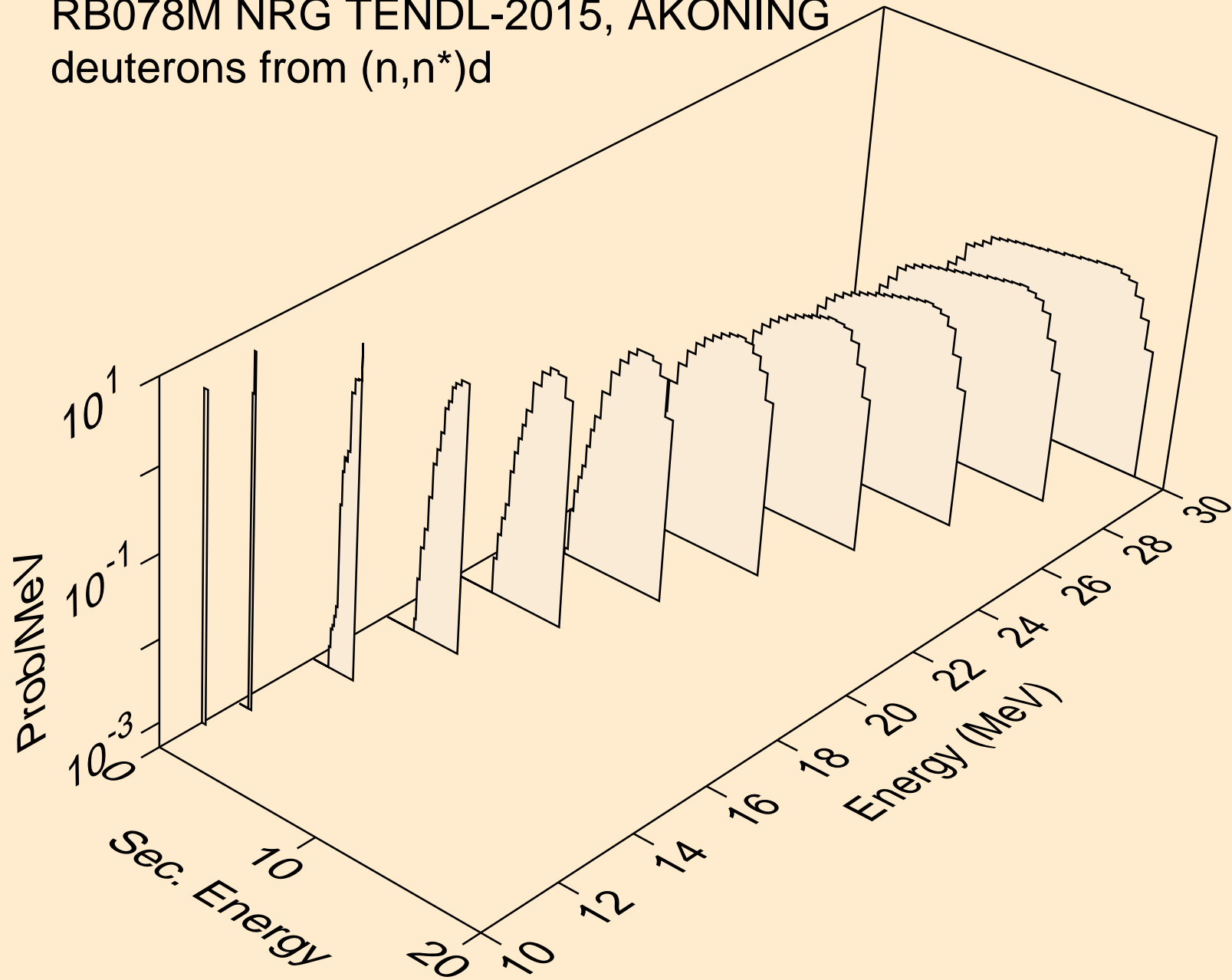
RB078M NRG TENDL-2015, AKONING  
deuterons from (n,x)



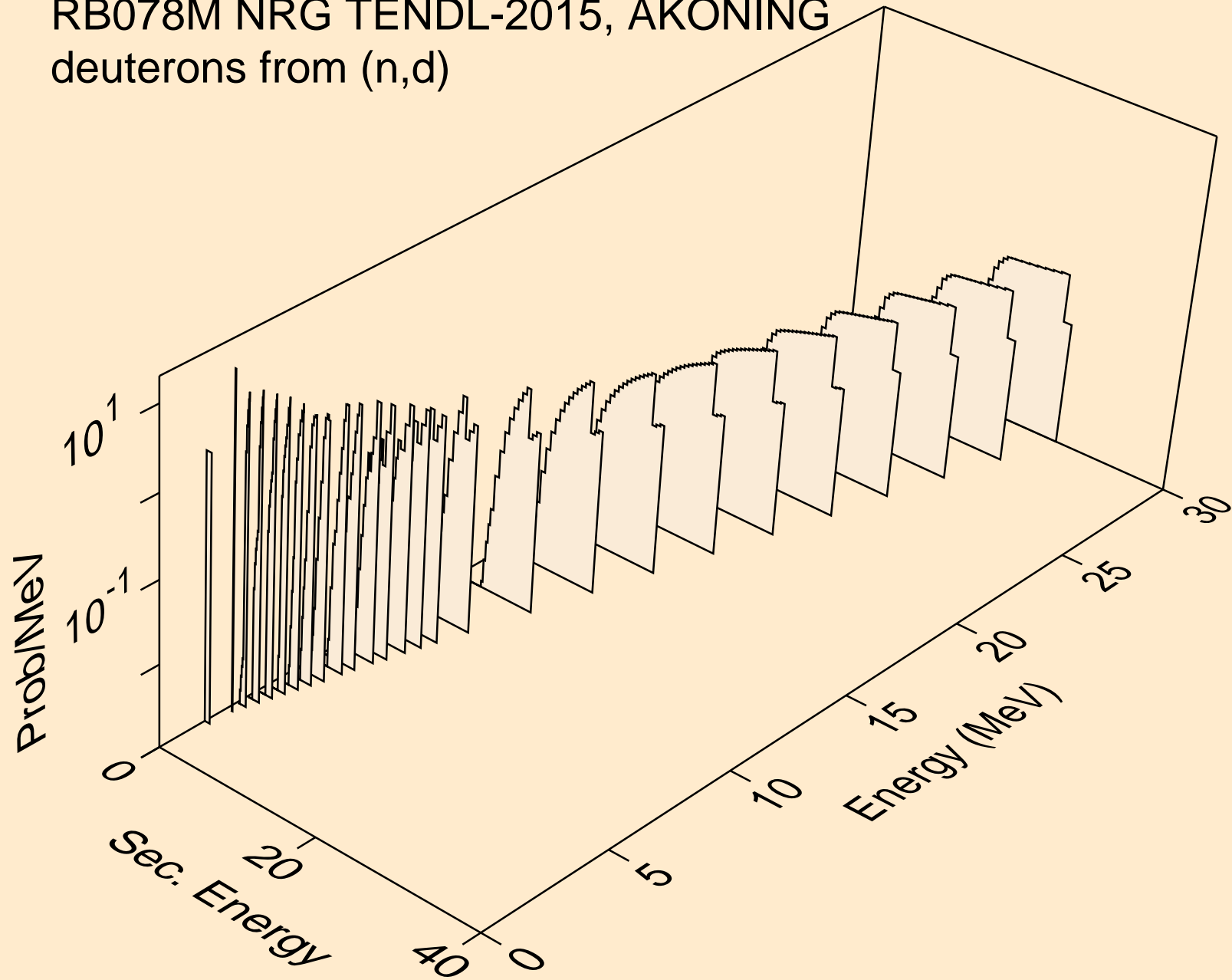
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deuterons from (n,2nd)



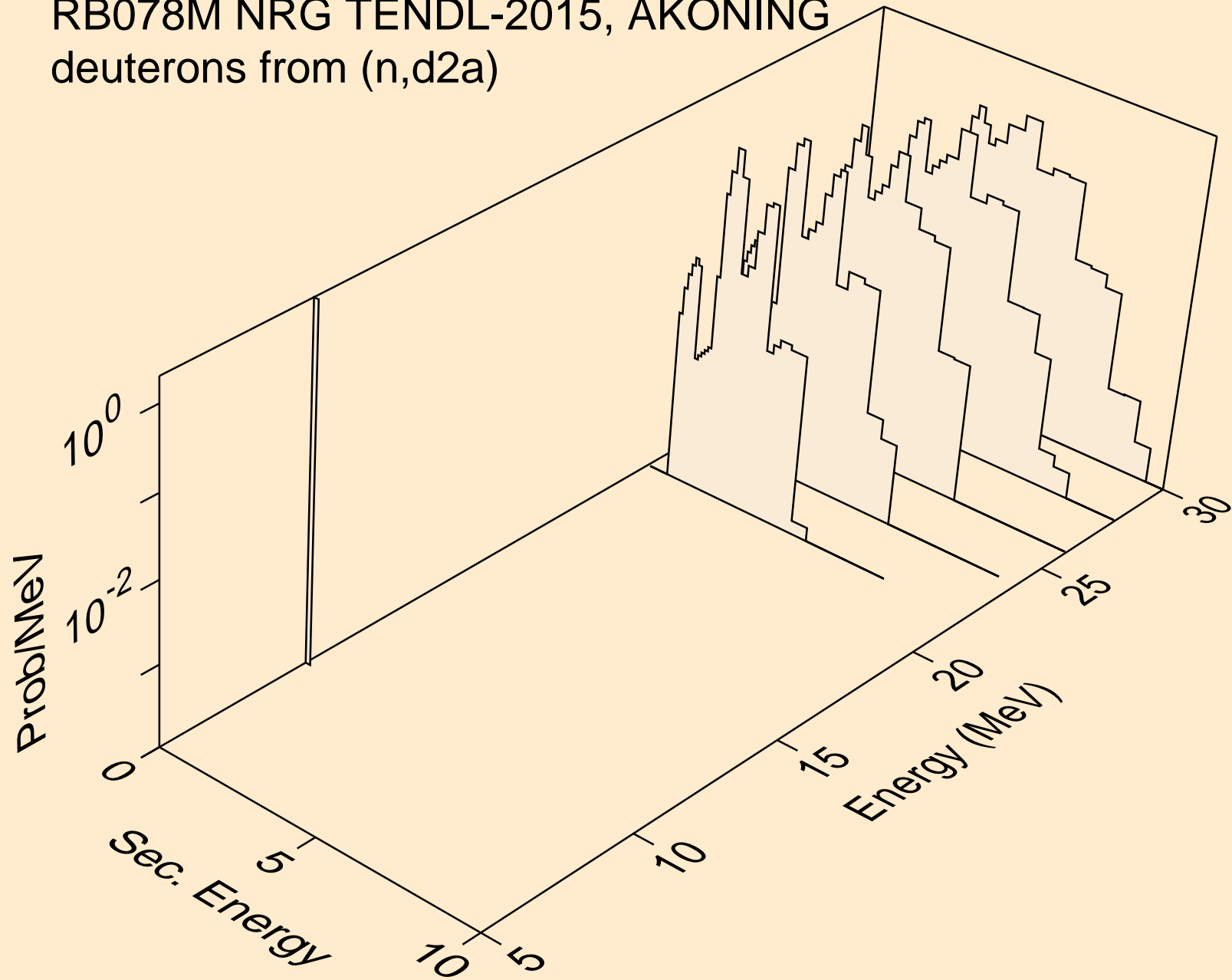
RB078M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



RB078M NRG TENDL-2015, AKONING  
deuterons from (n,d)

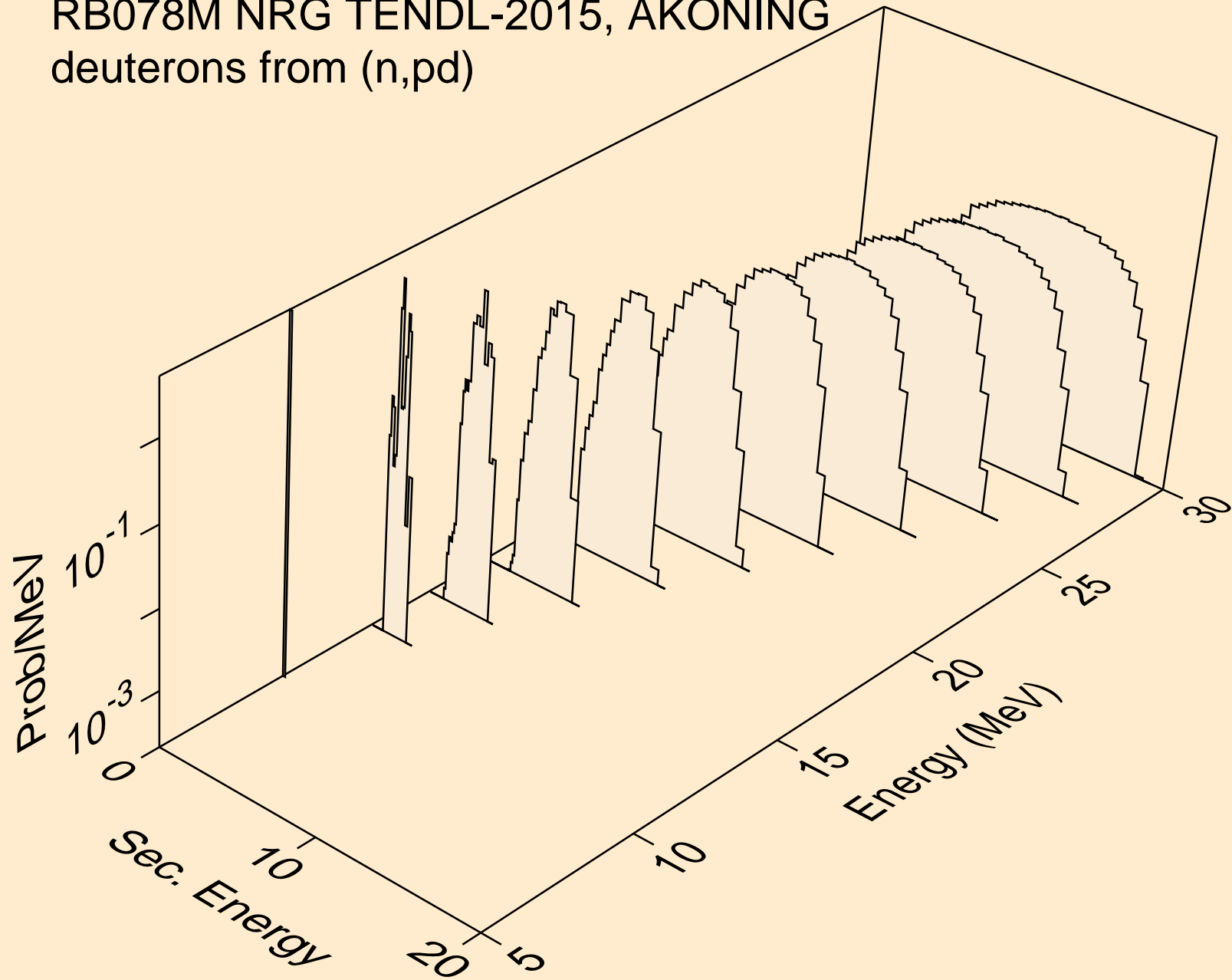


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deuterons from (n,d2a)

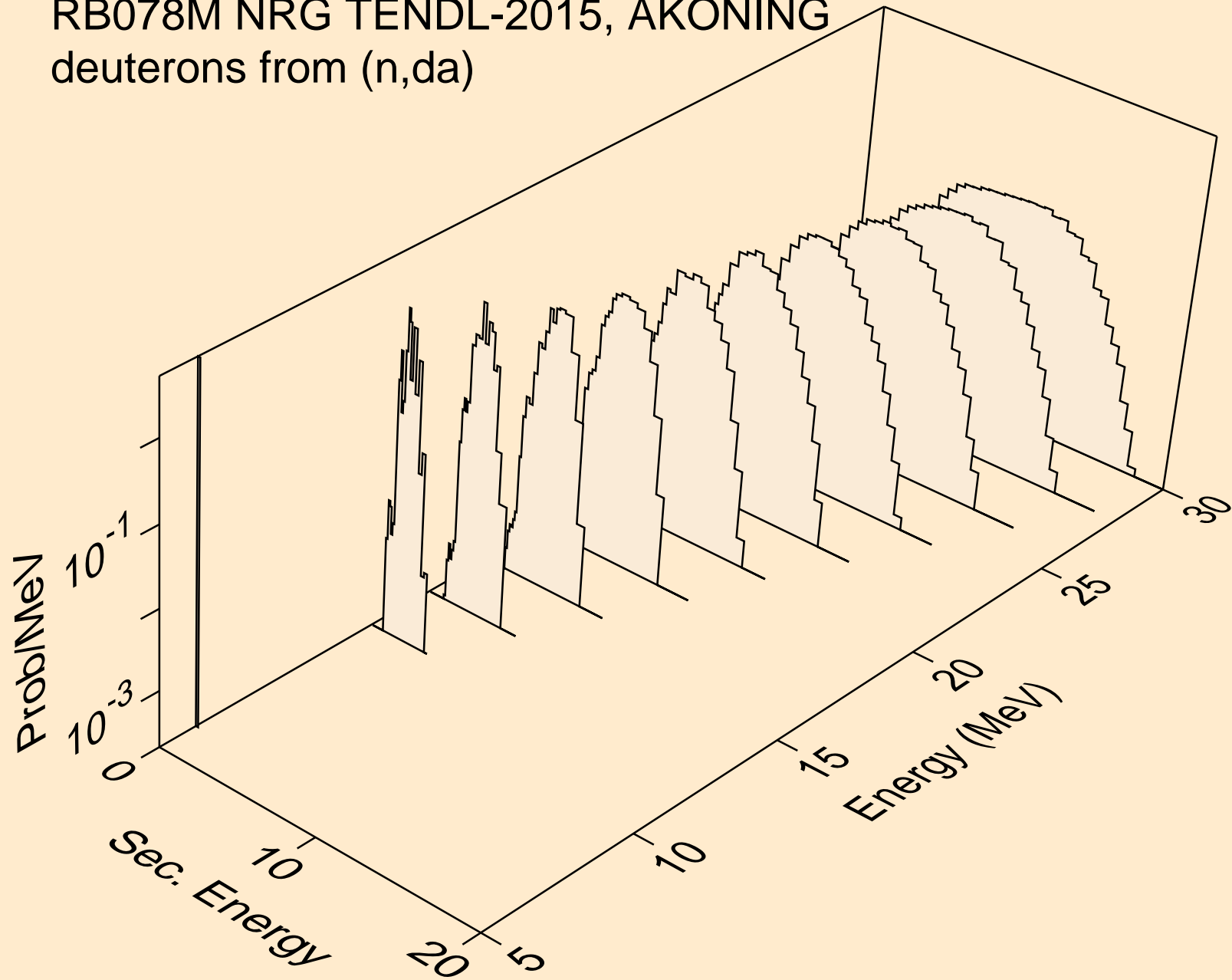




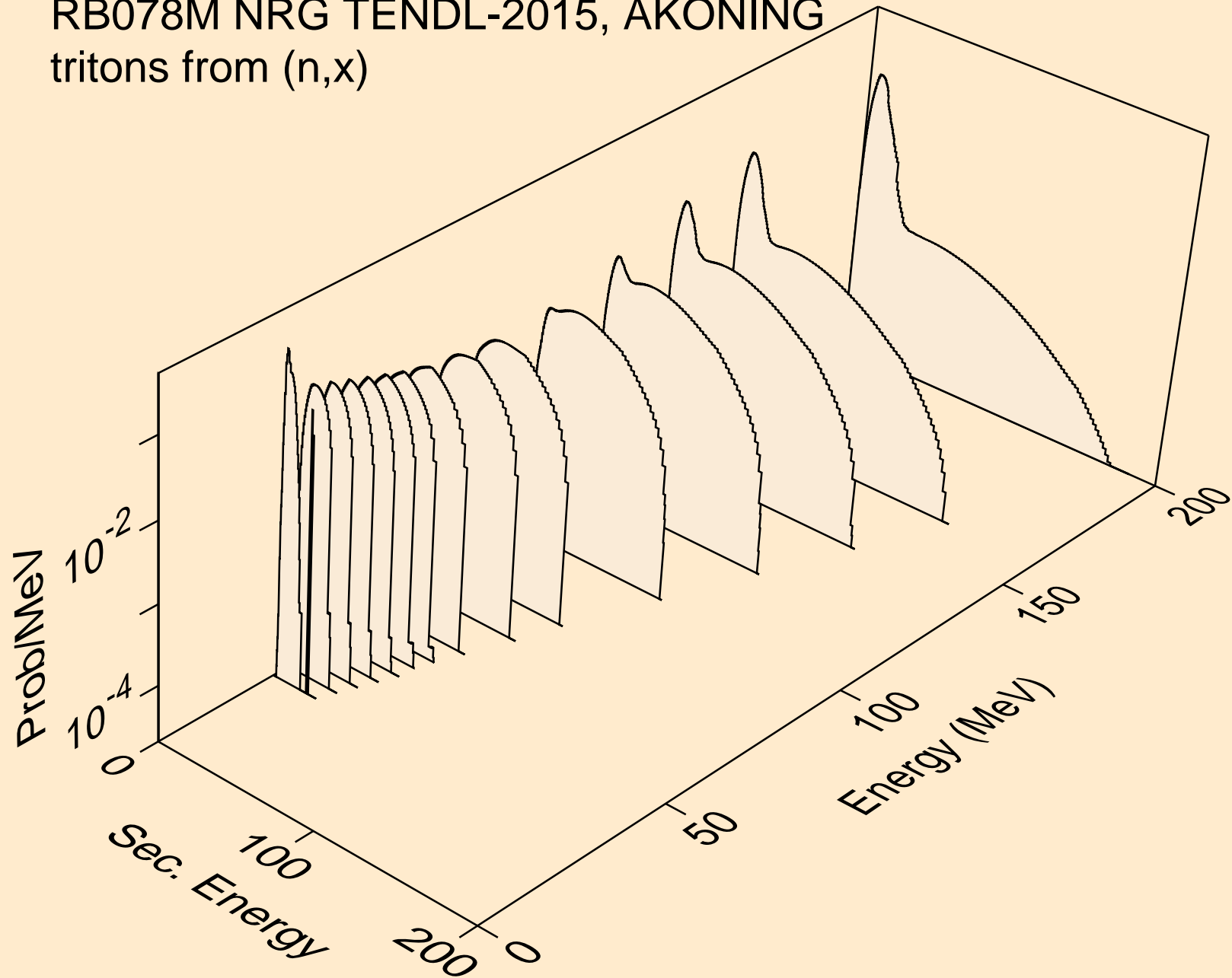
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deuterons from (n,pd)



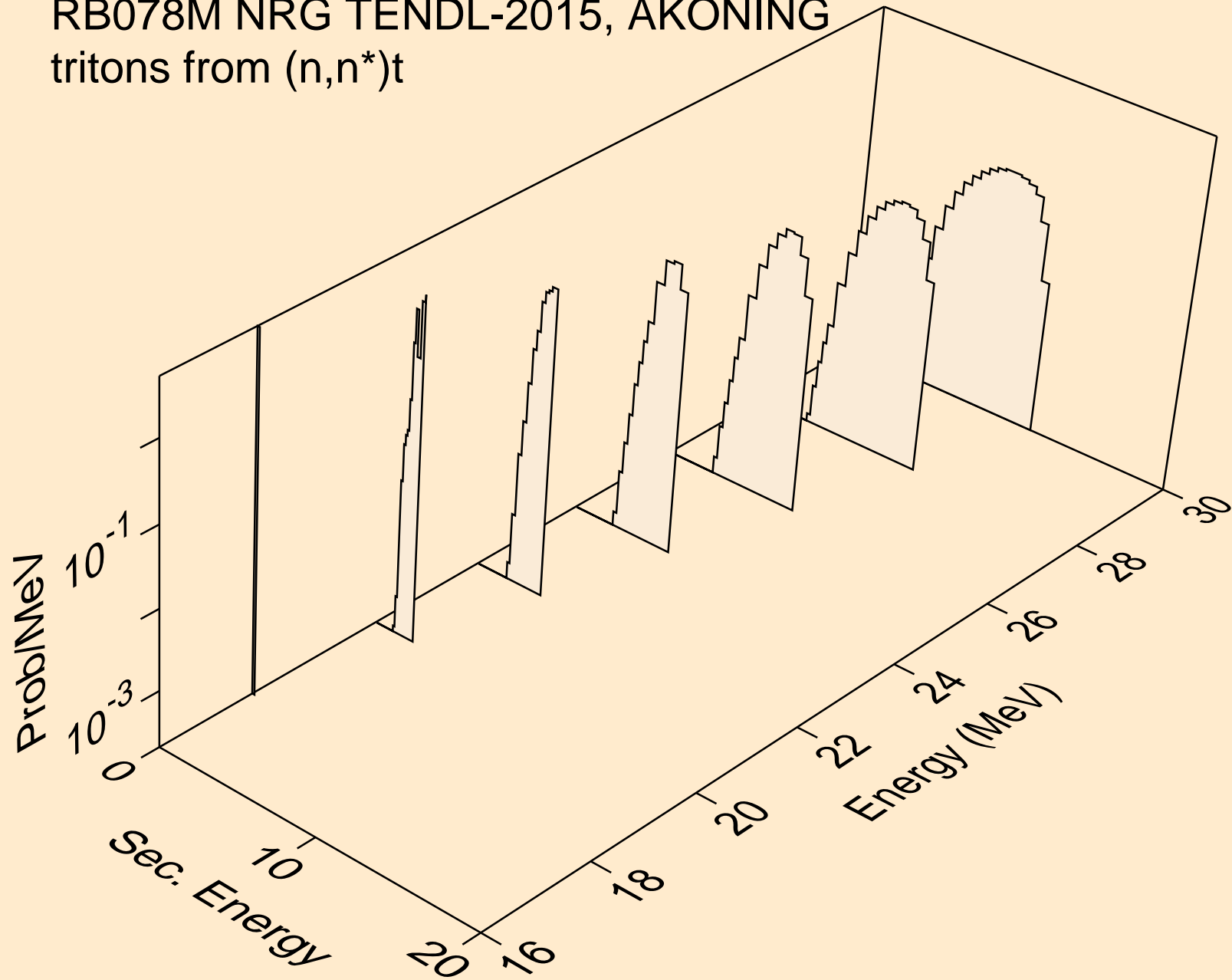
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deuterons from (n,da)



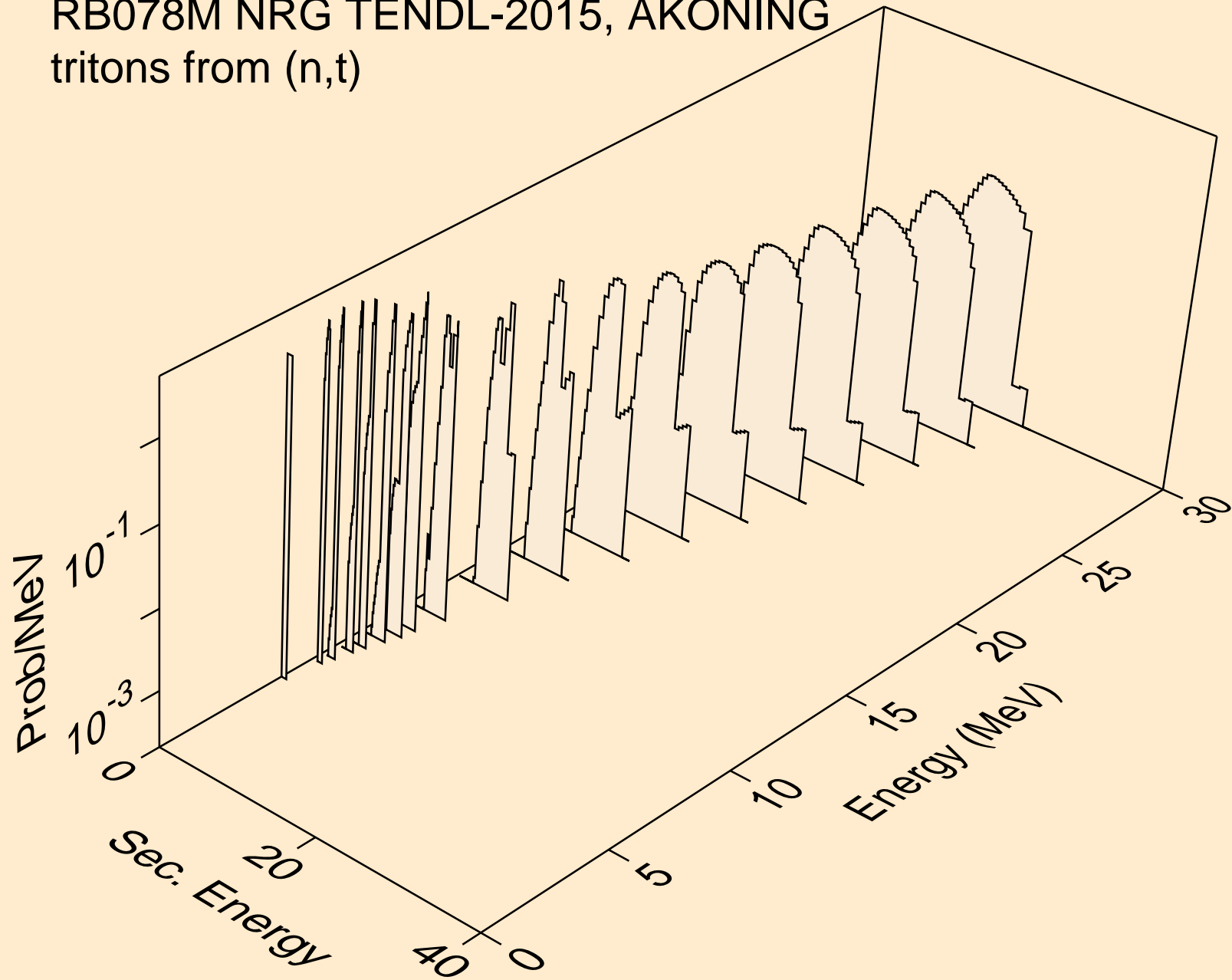
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tritons from (n,x)



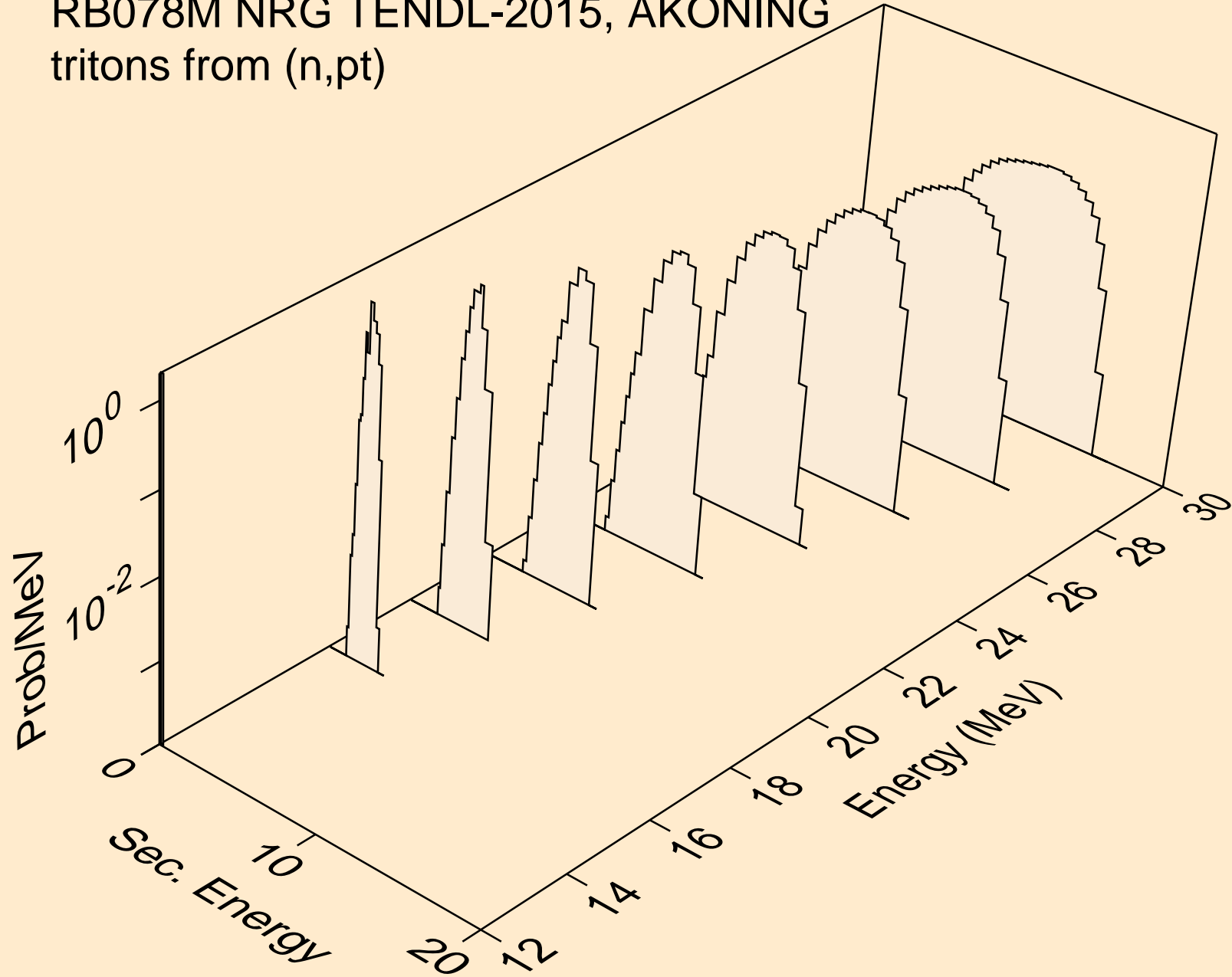
RB078M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



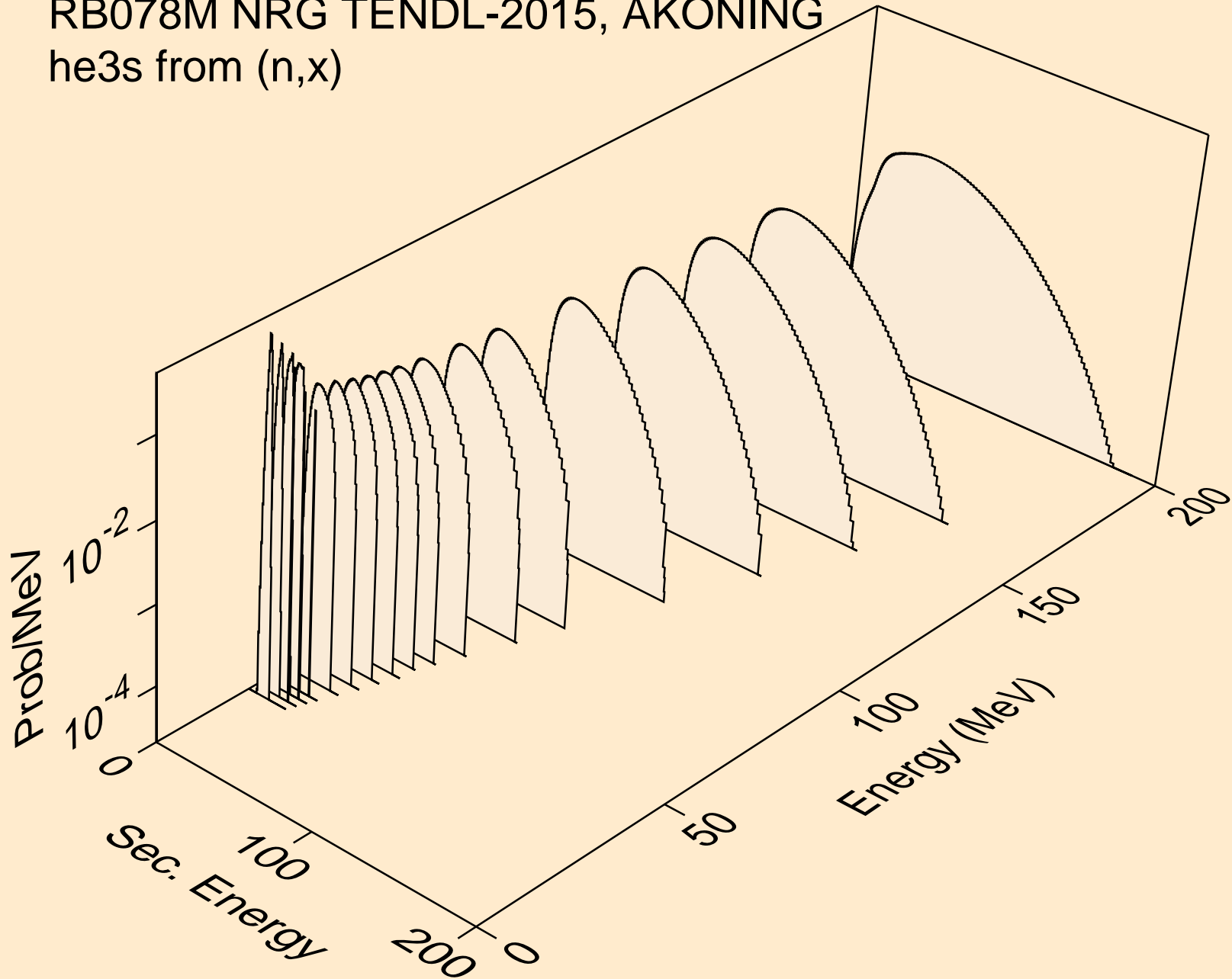
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tritons from (n,t)



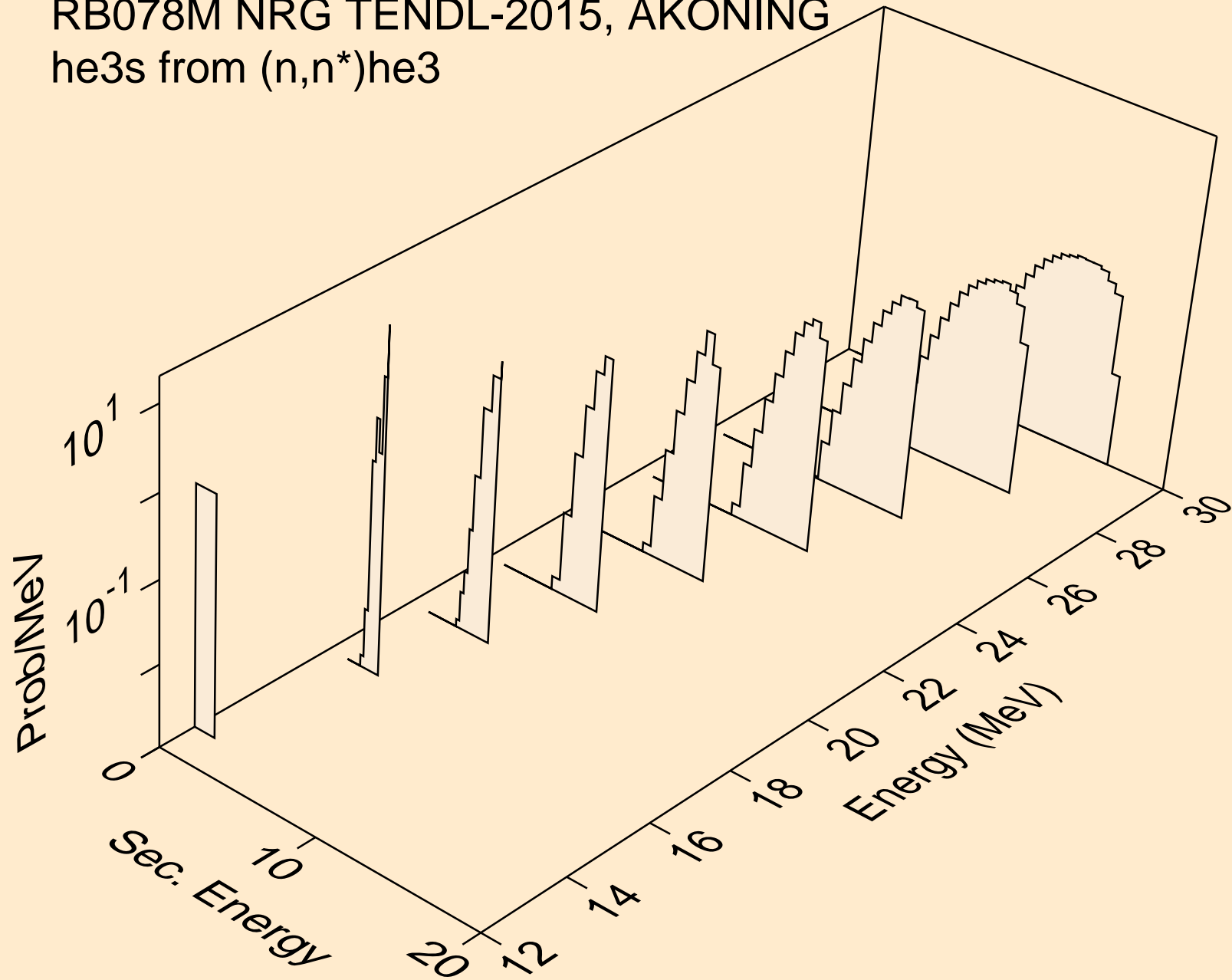
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tritons from (n,pt)



RB078M NRG TENDL-2015, AKONING  
he3s from (n,x)

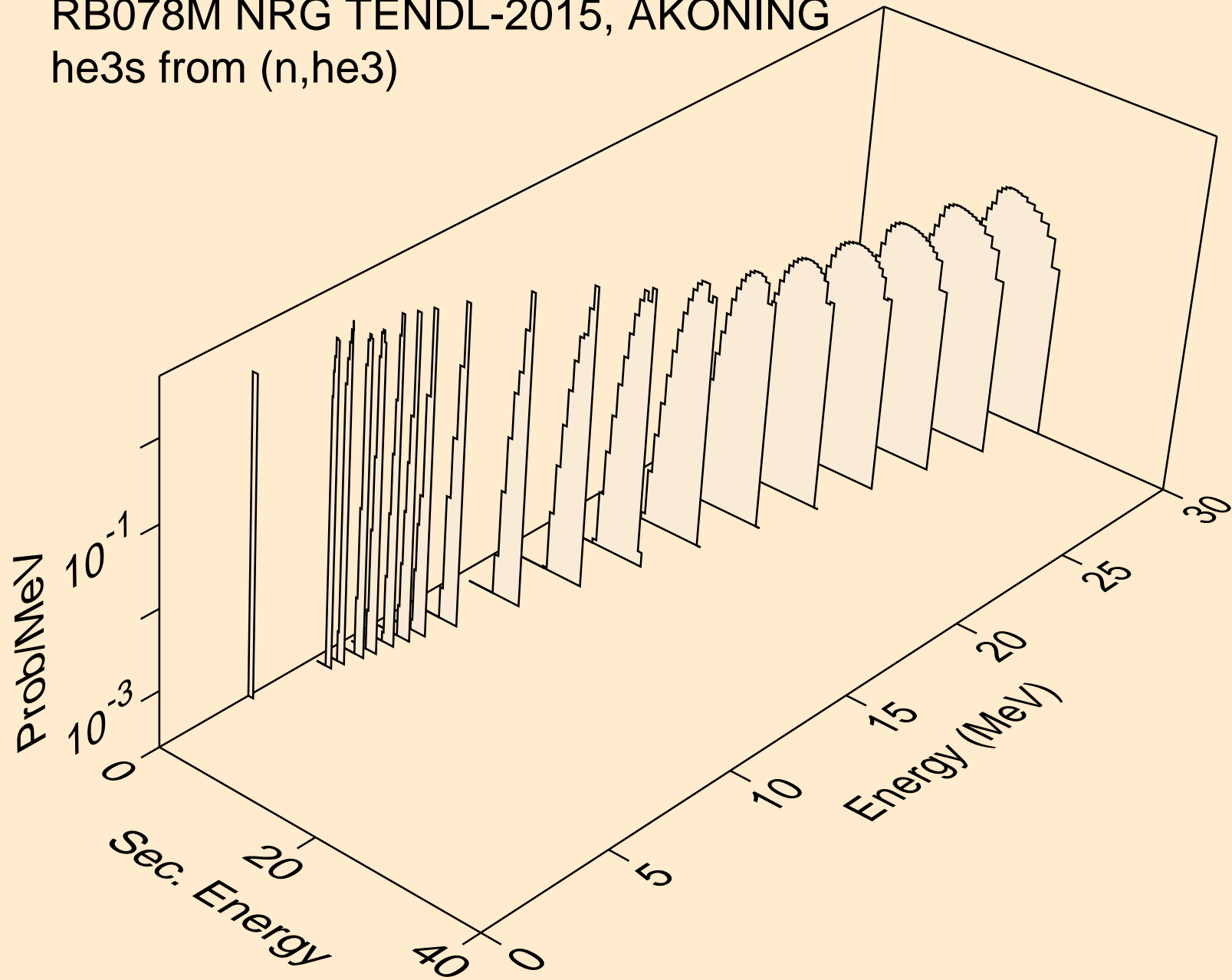


RB078M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

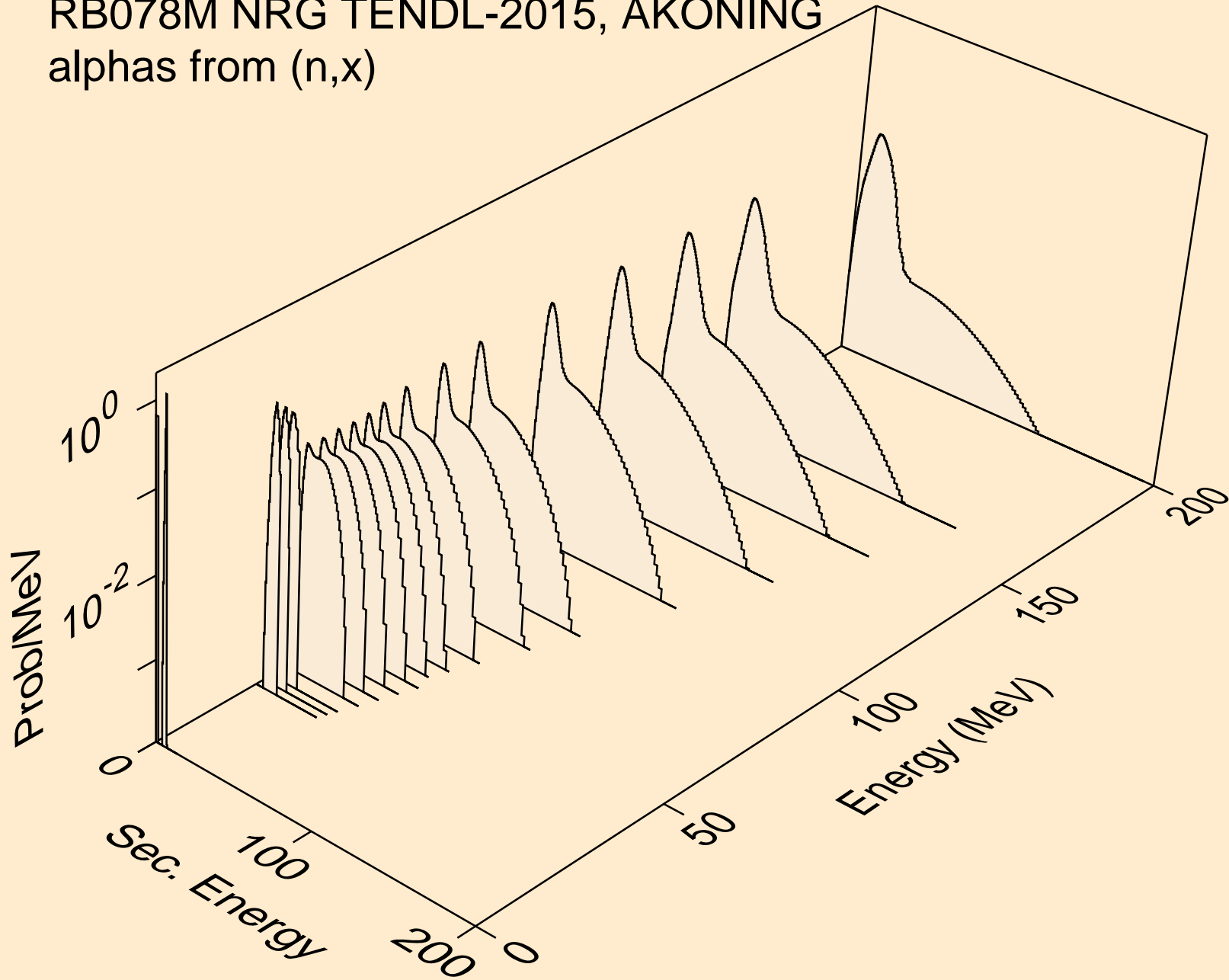




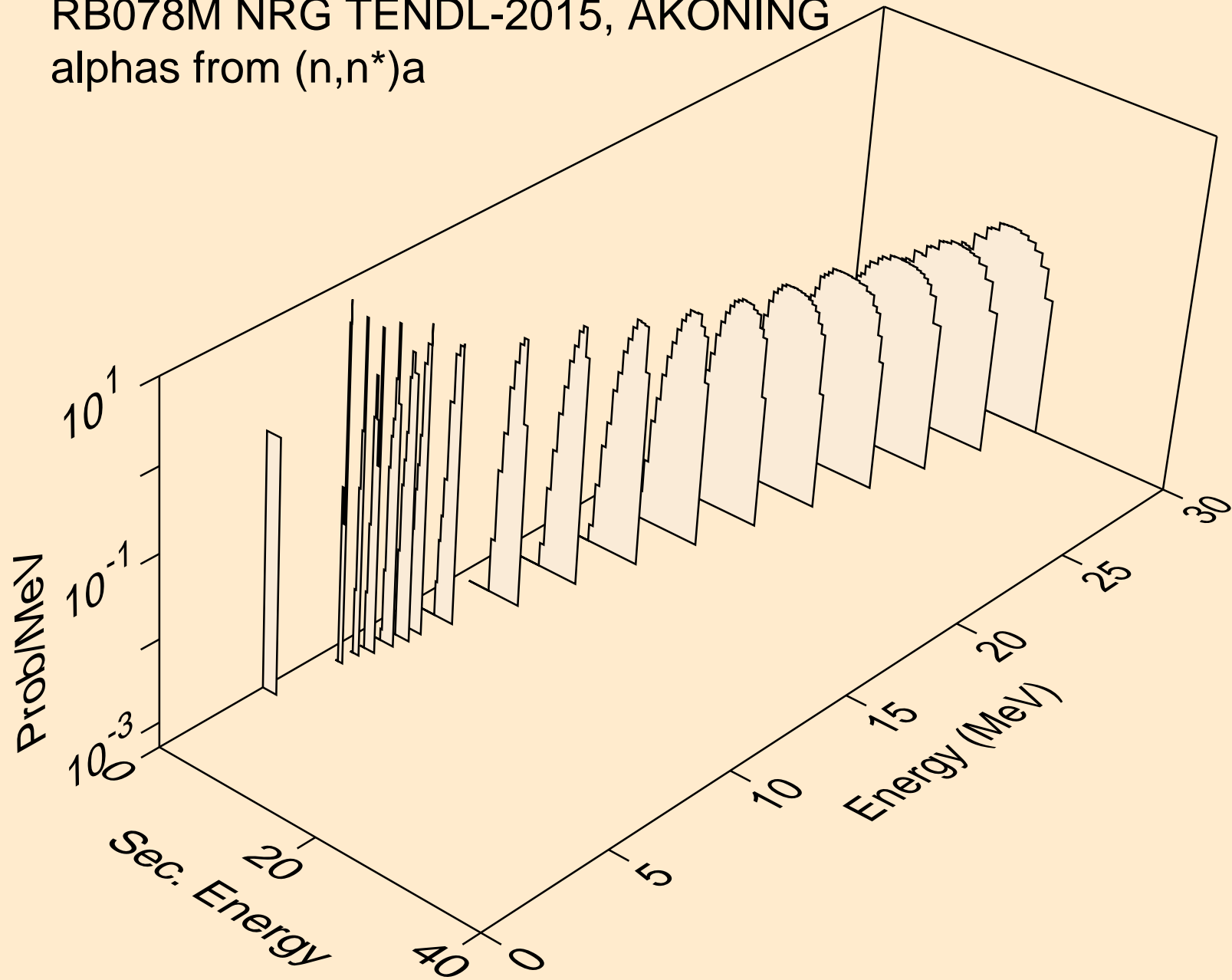
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he3s from (n,he3)



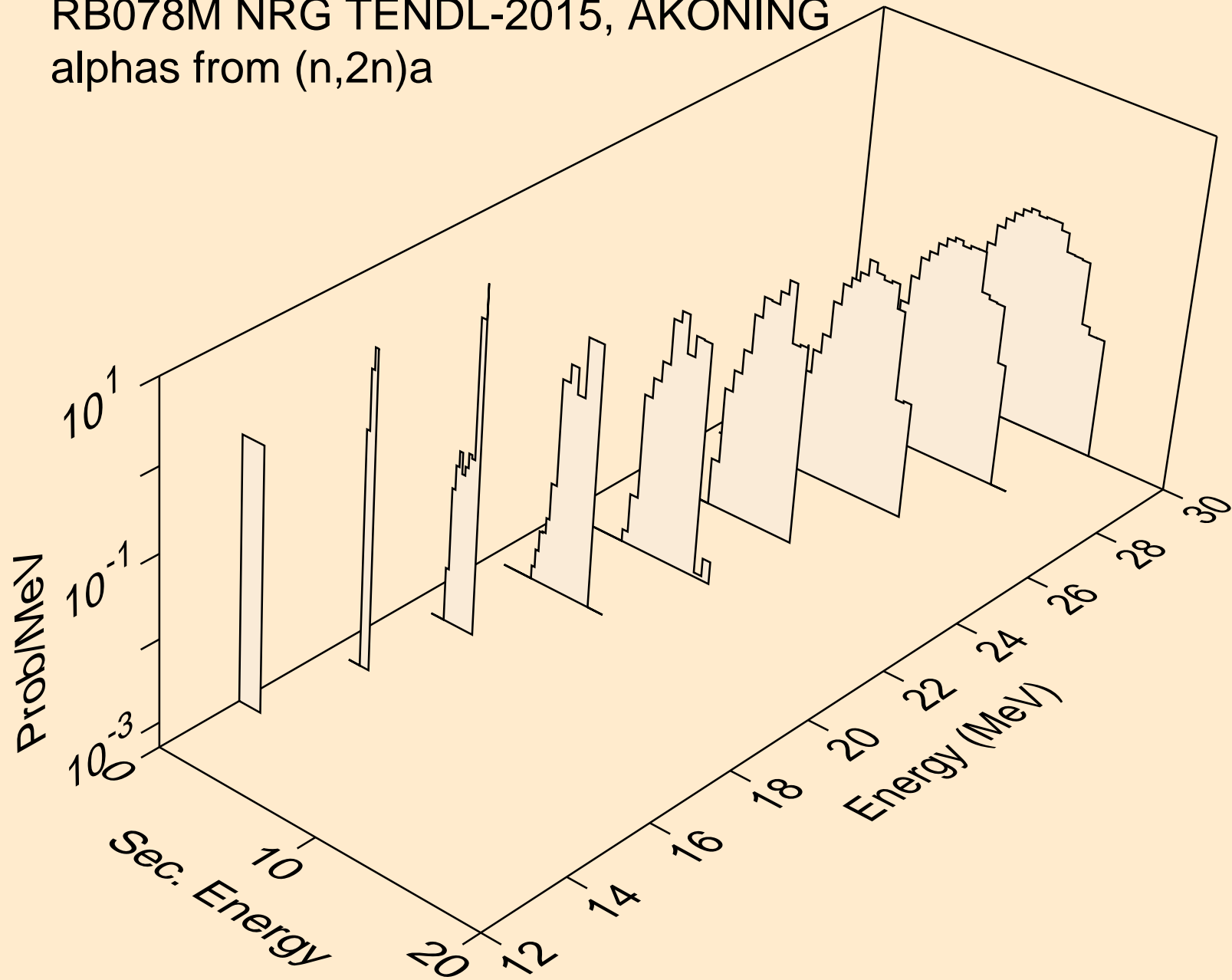
RB078M NRG TENDL-2015, AKONING  
alphas from (n,x)



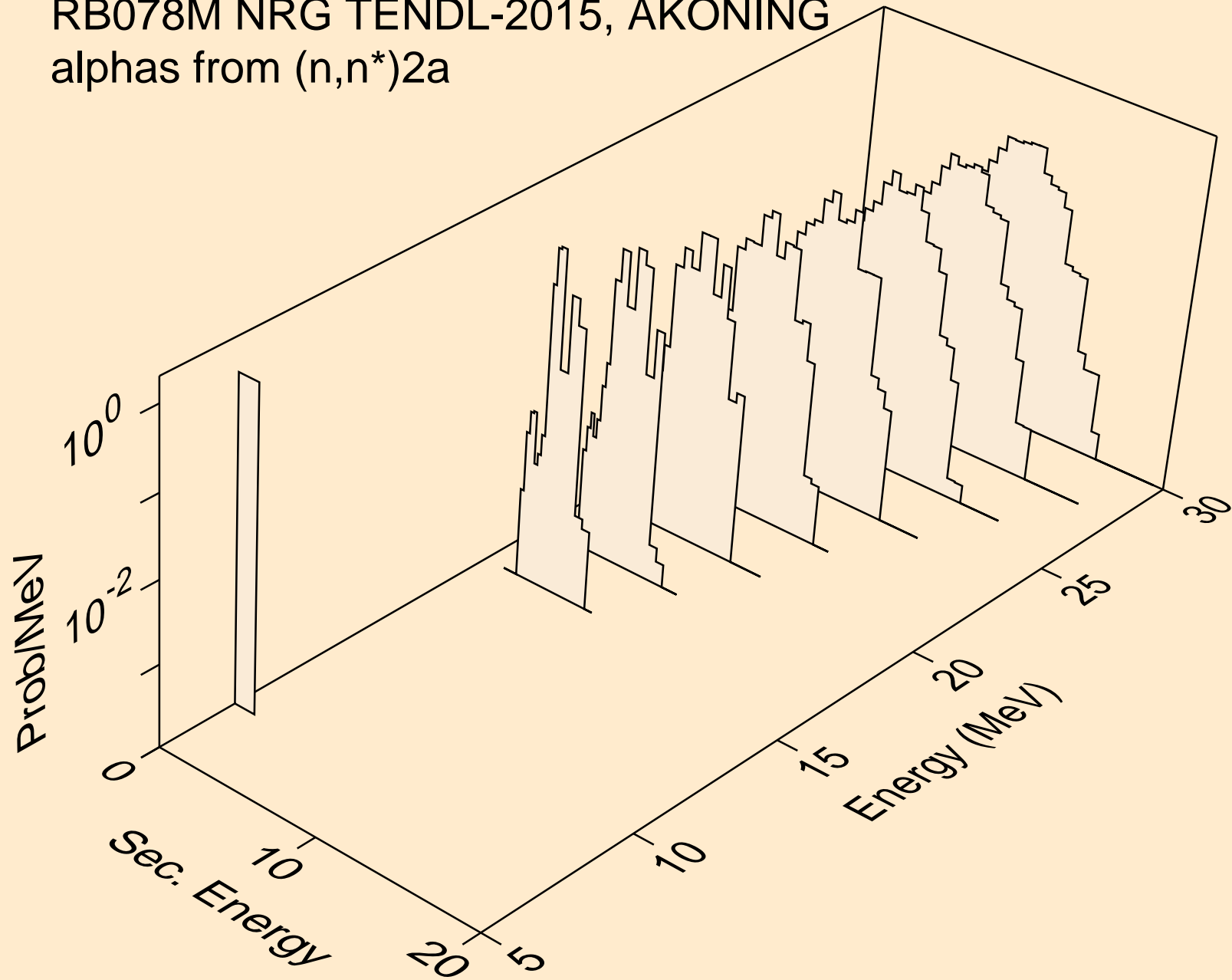
RB078M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



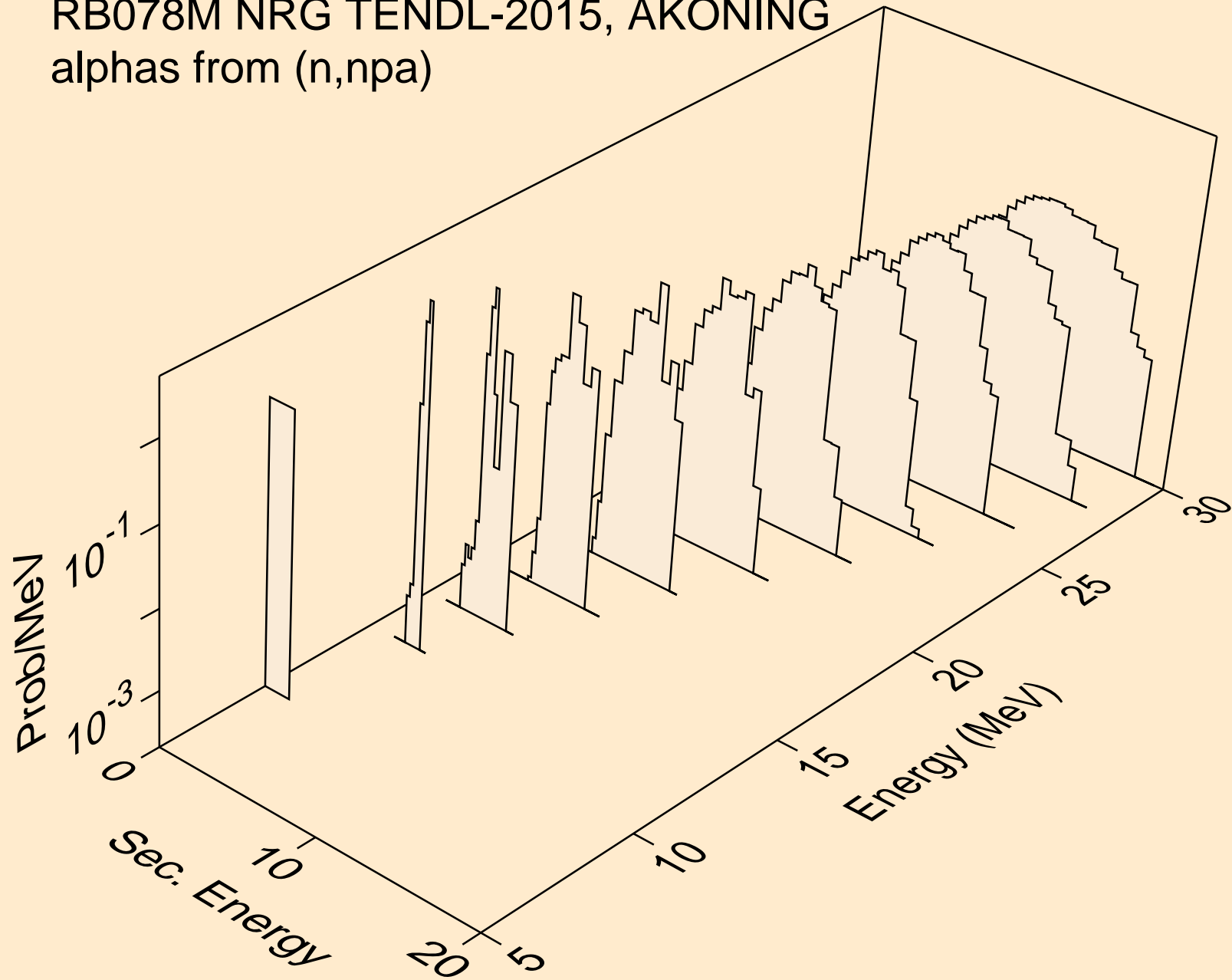
RB078M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



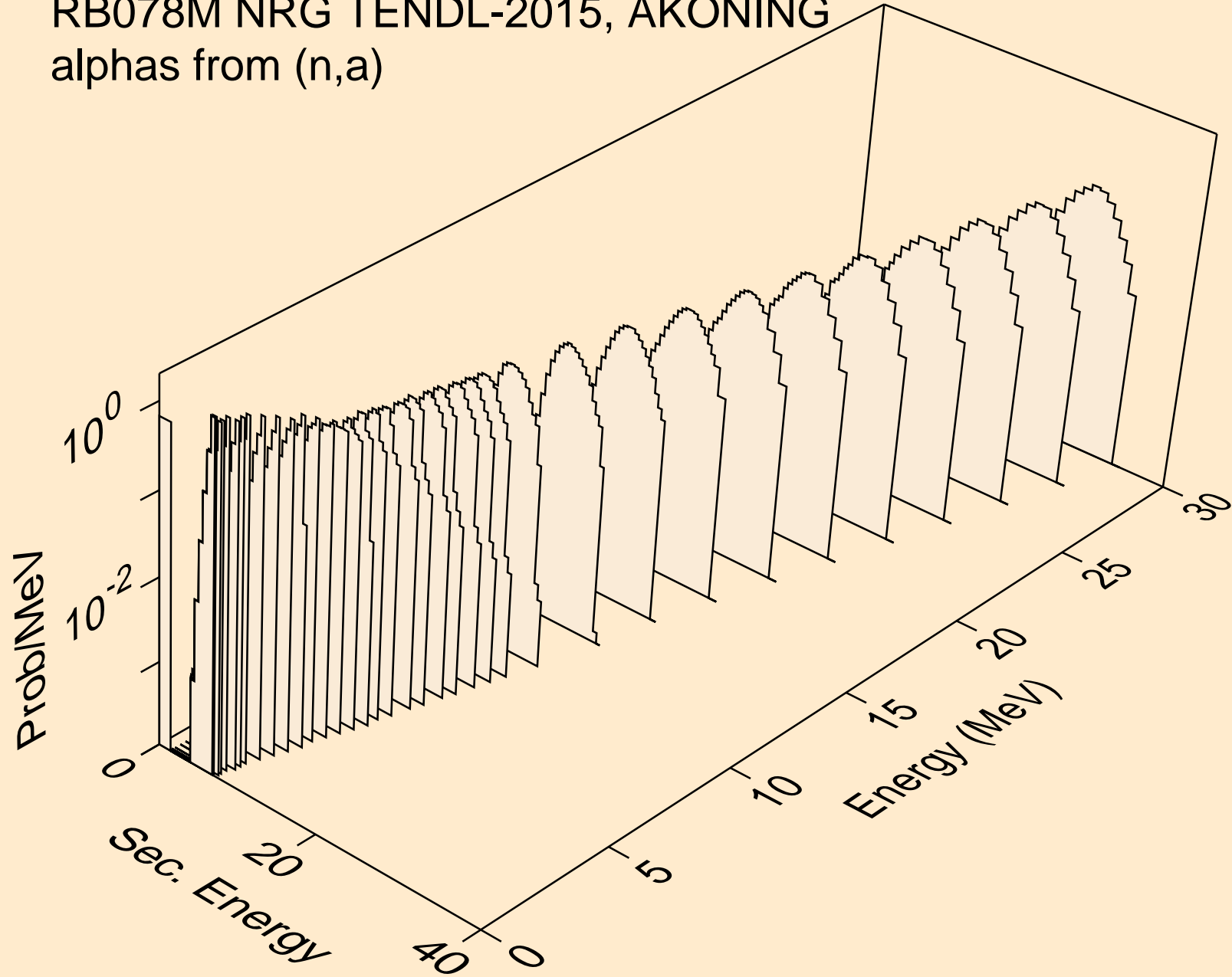
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alphas from (n,n\*)2a



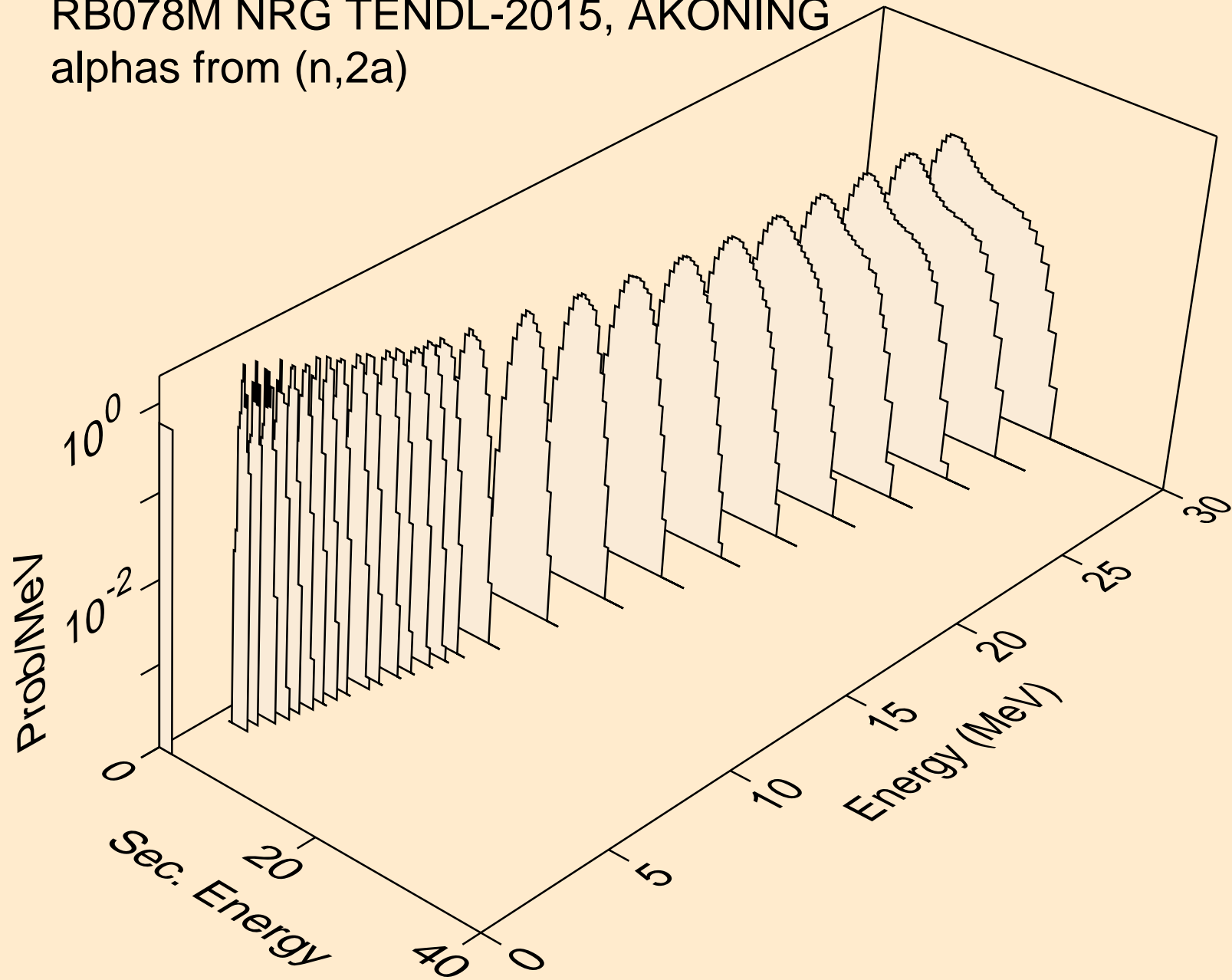
RB078M NRG TENDL-2015, AKONING  
alphas from (n,npa)



RB078M NRG TENDL-2015, AKONING  
alphas from (n,a)

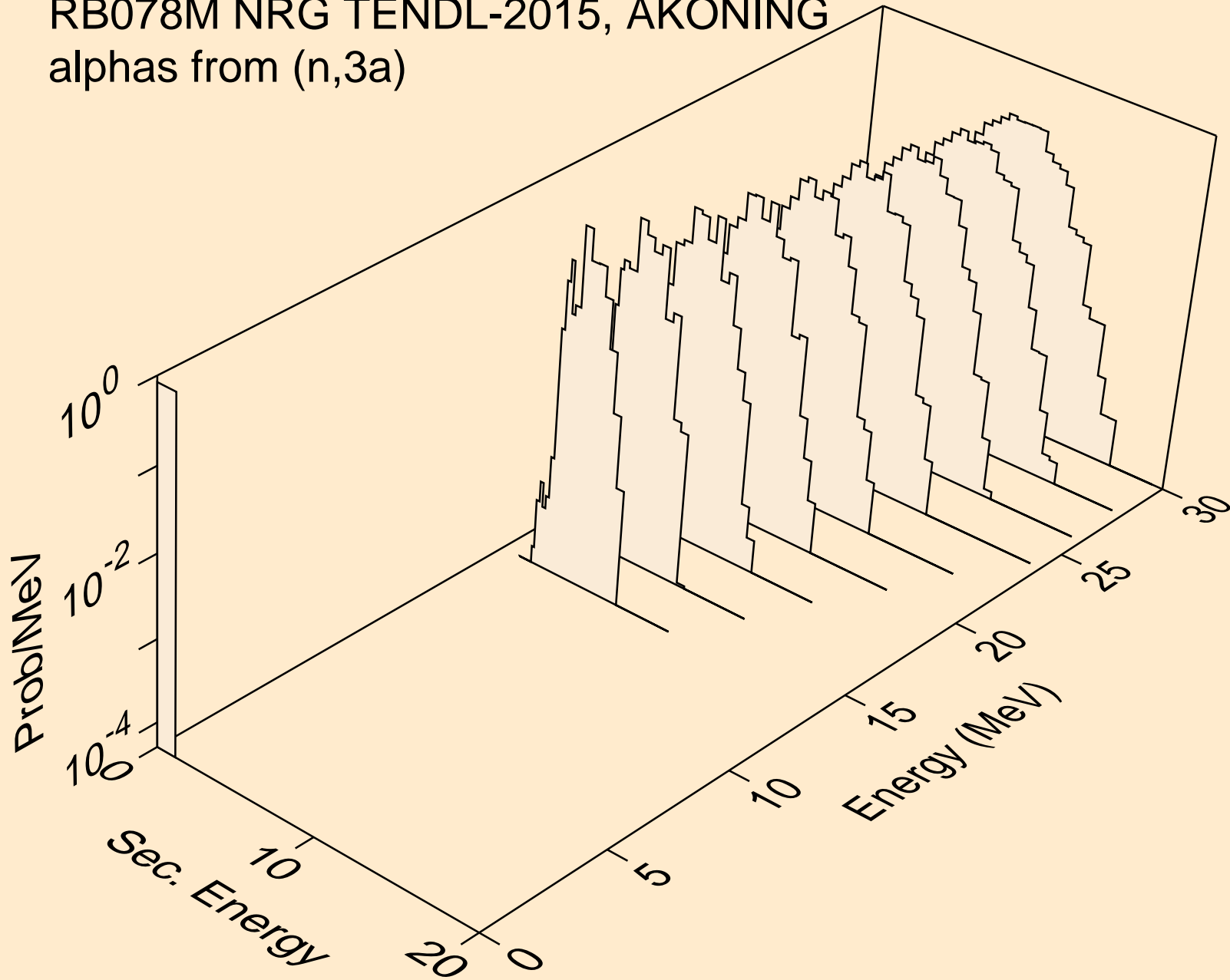


RB078M NRG TENDL-2015, AKONING  
alphas from (n,2a)

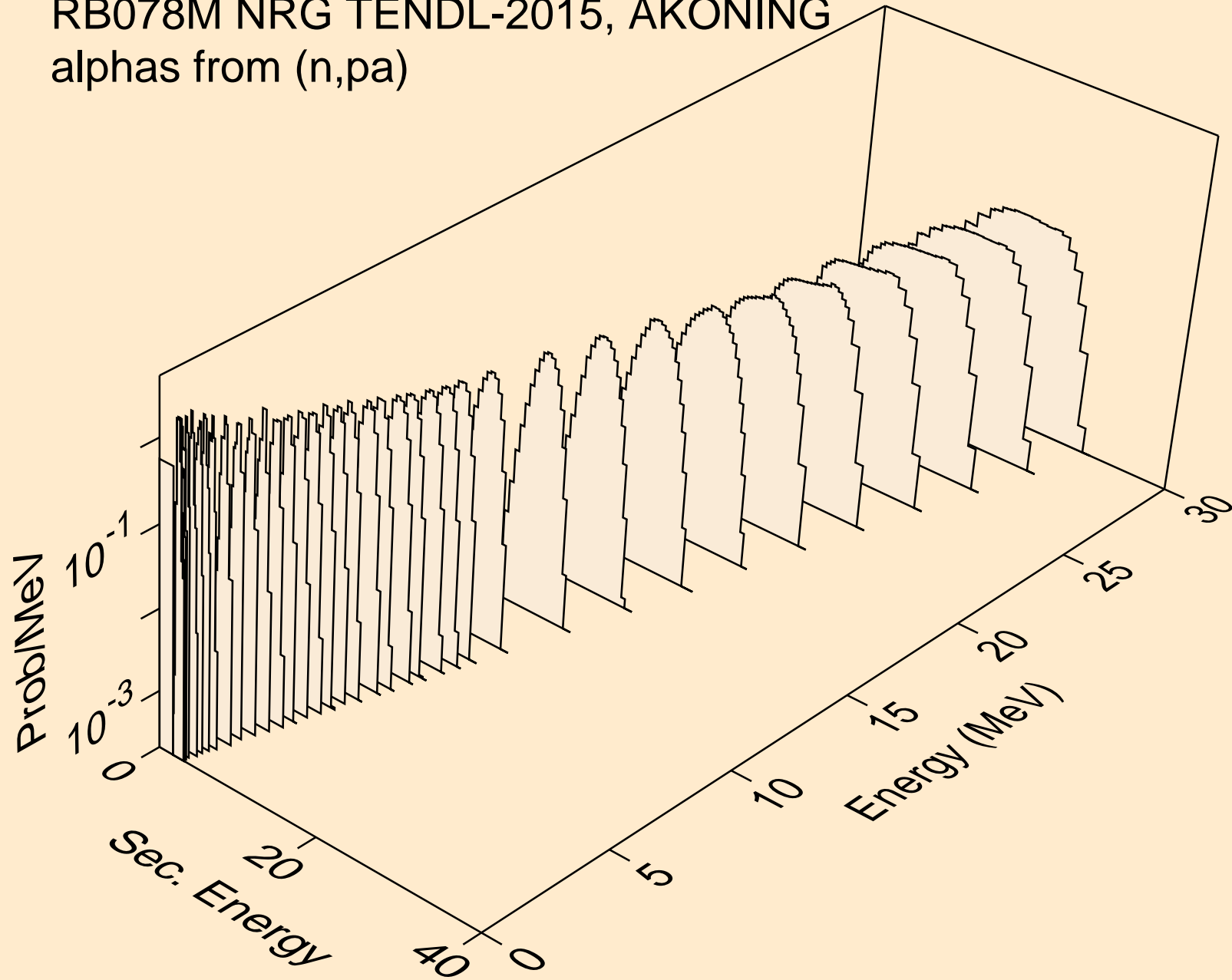




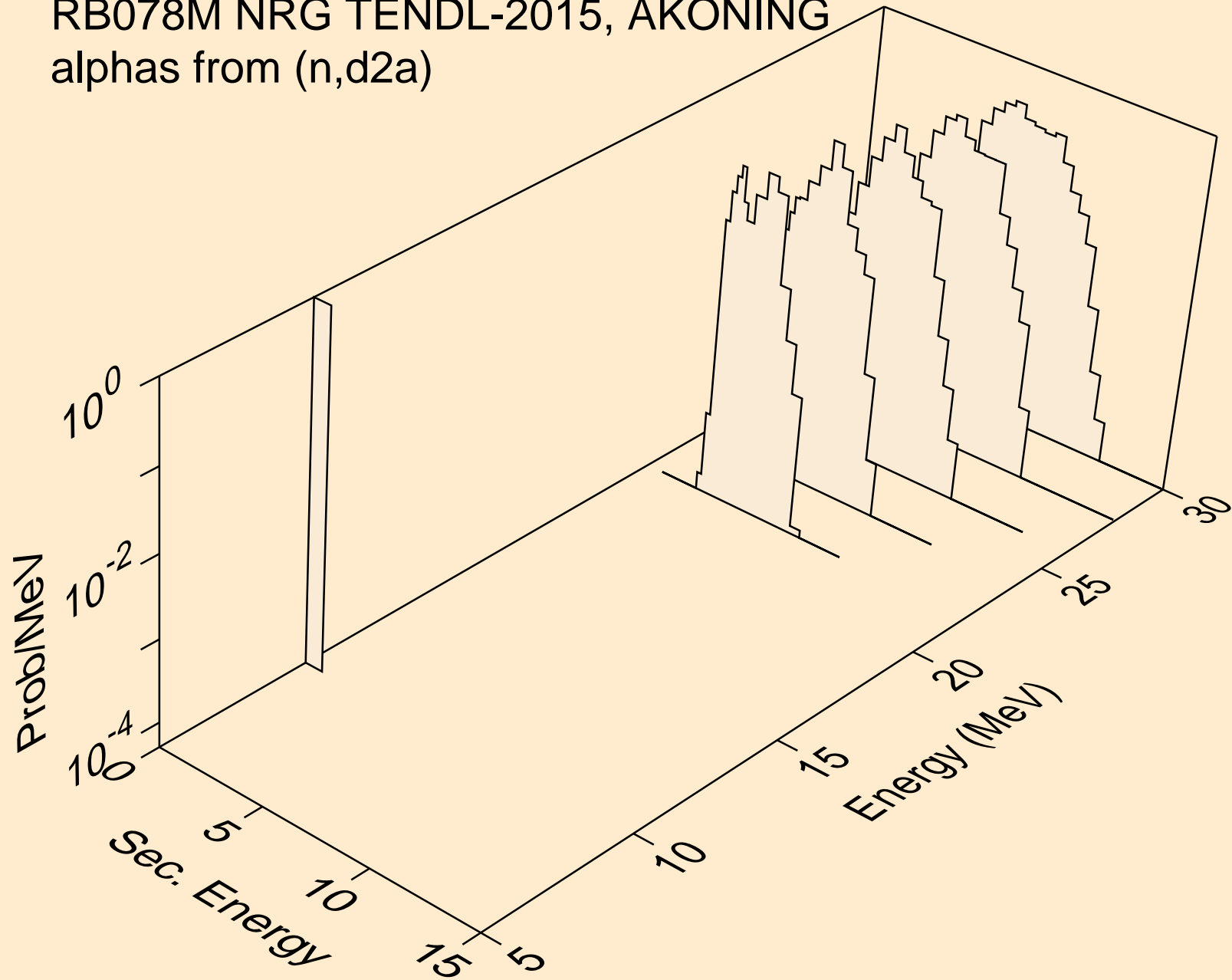
RB078M NRG TENDL-2015, AKONING  
alphas from (n,3a)



RB078M NRG TENDL-2015, AKONING  
alphas from (n,pa)



RB078M NRG TENDL-2015, AKONING  
alphas from (n,d2a)



RB078M NRG TENDL-2015, AKONING  
alphas from (n,da)

