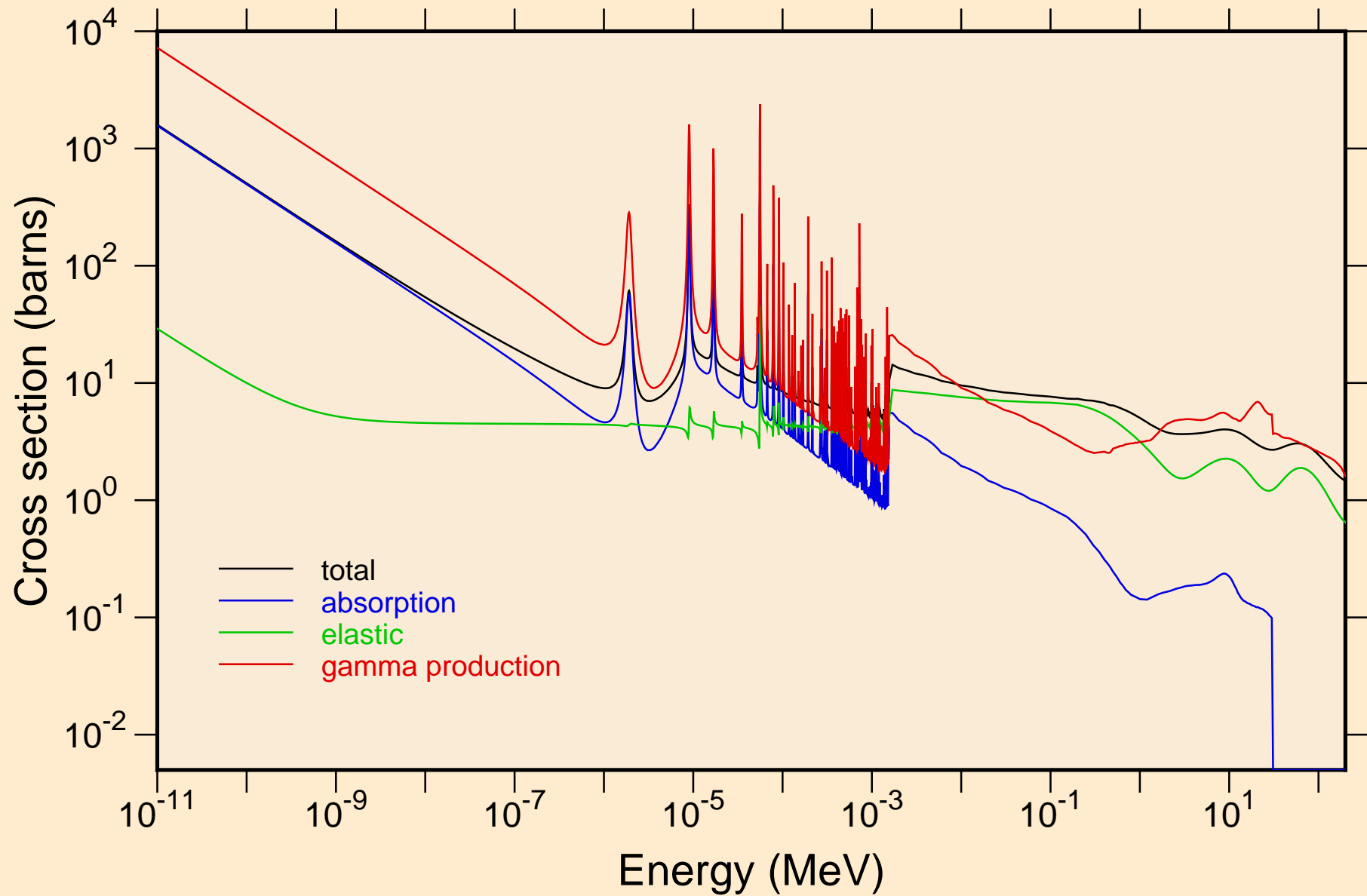
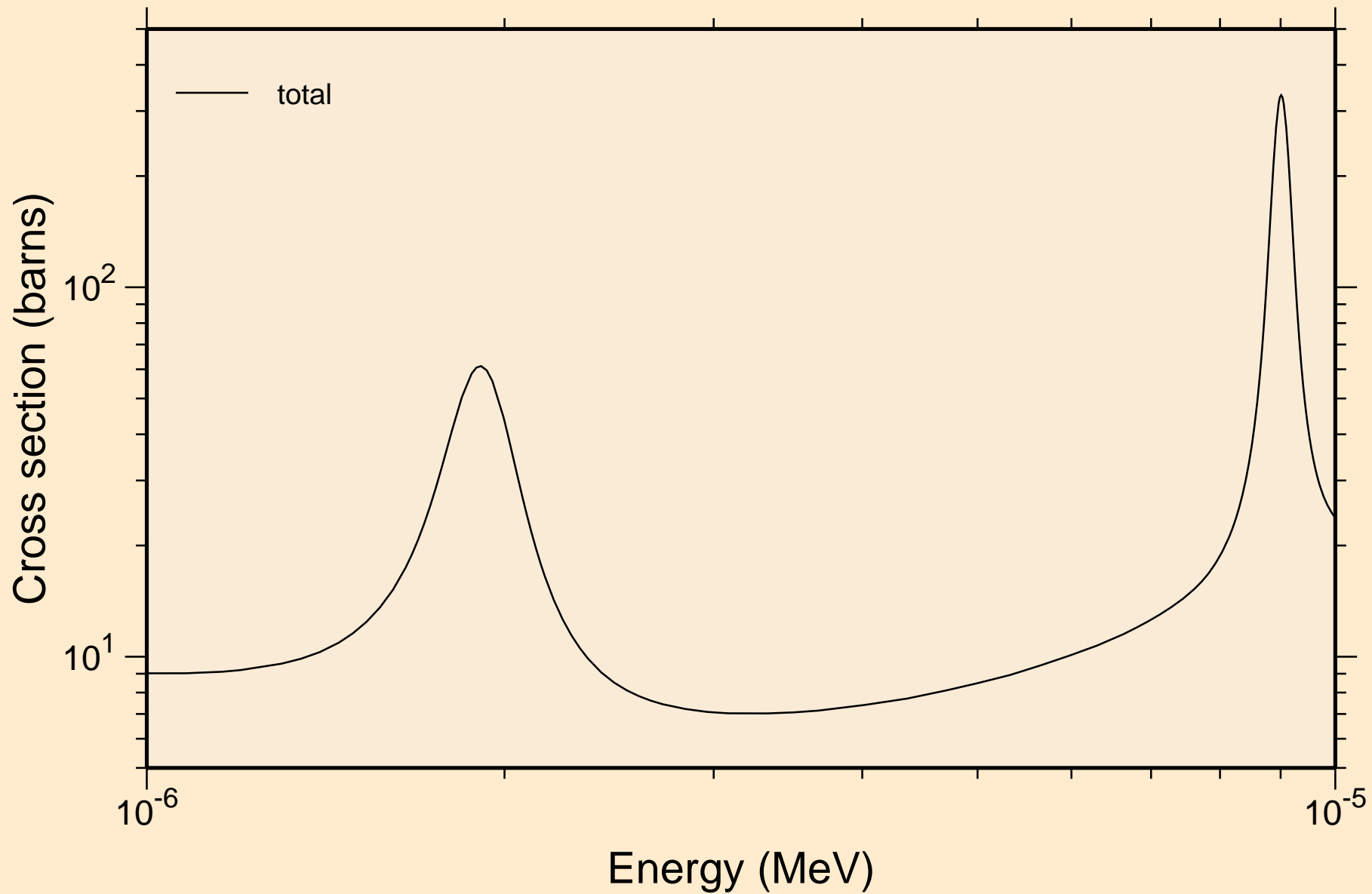


# RB081 NRG TENDL-2015, AKONING

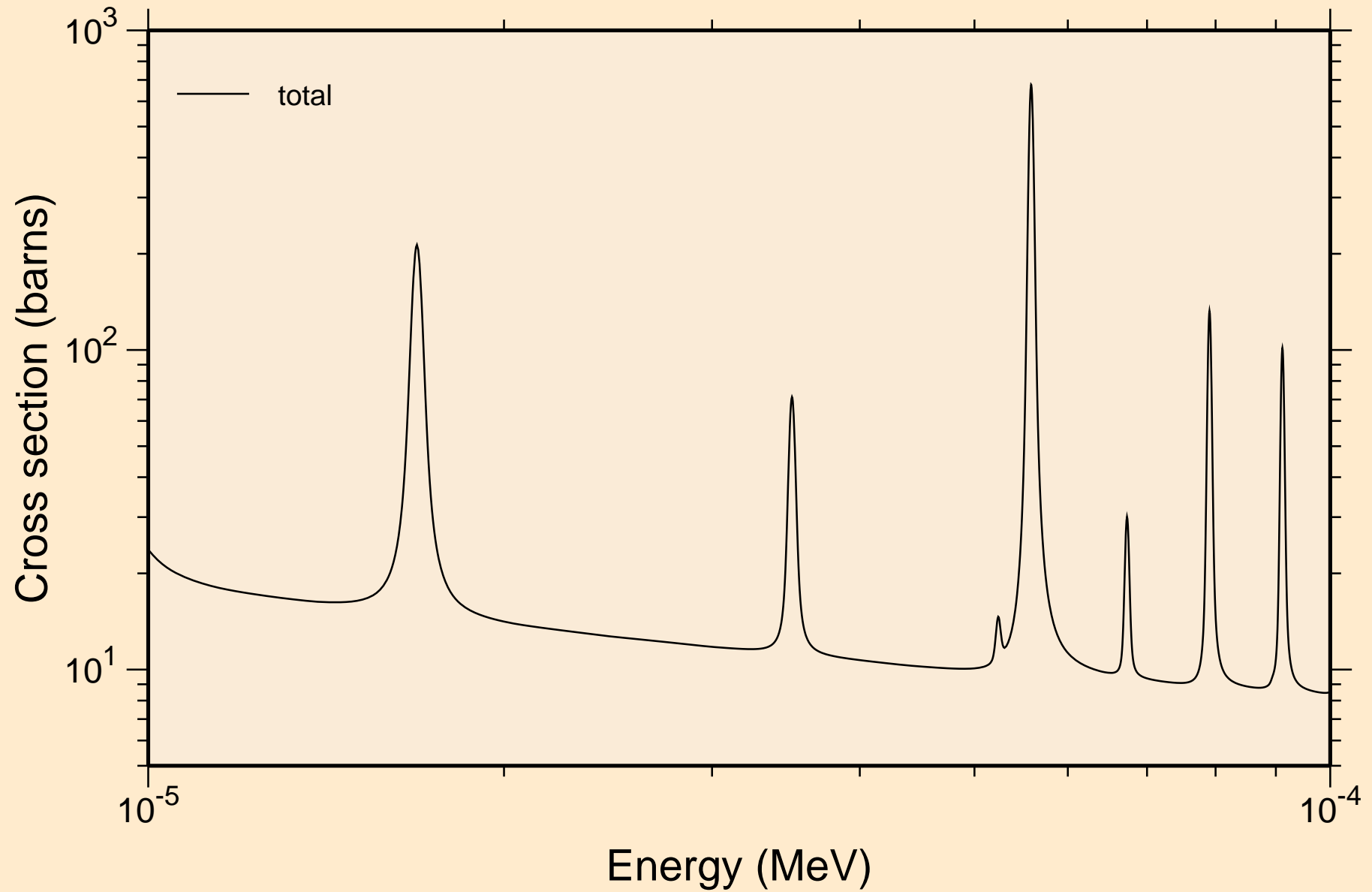
## Principal cross sections



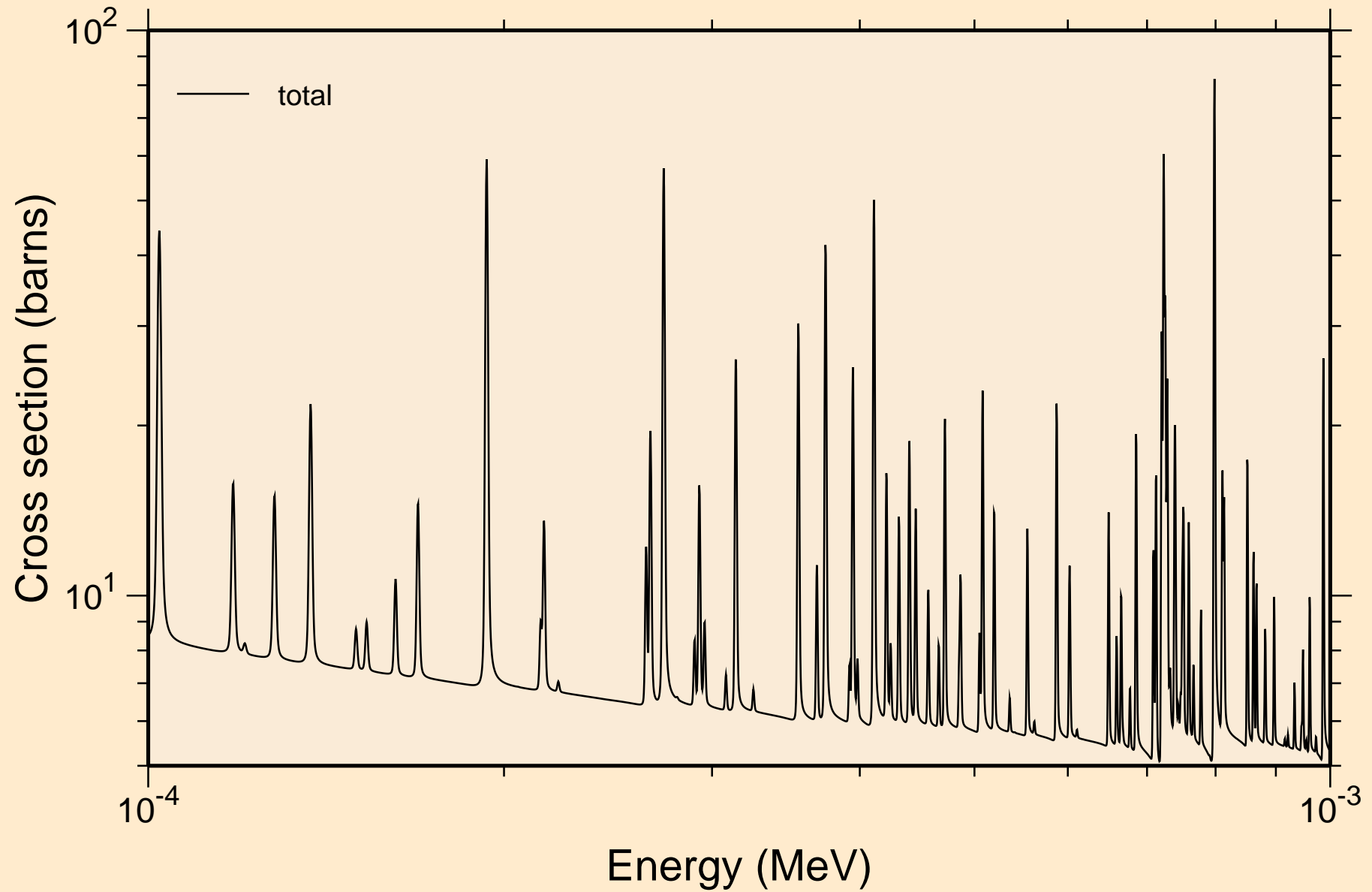
RB081 NRG TENDL-2015, AKONING  
resonance total cross section



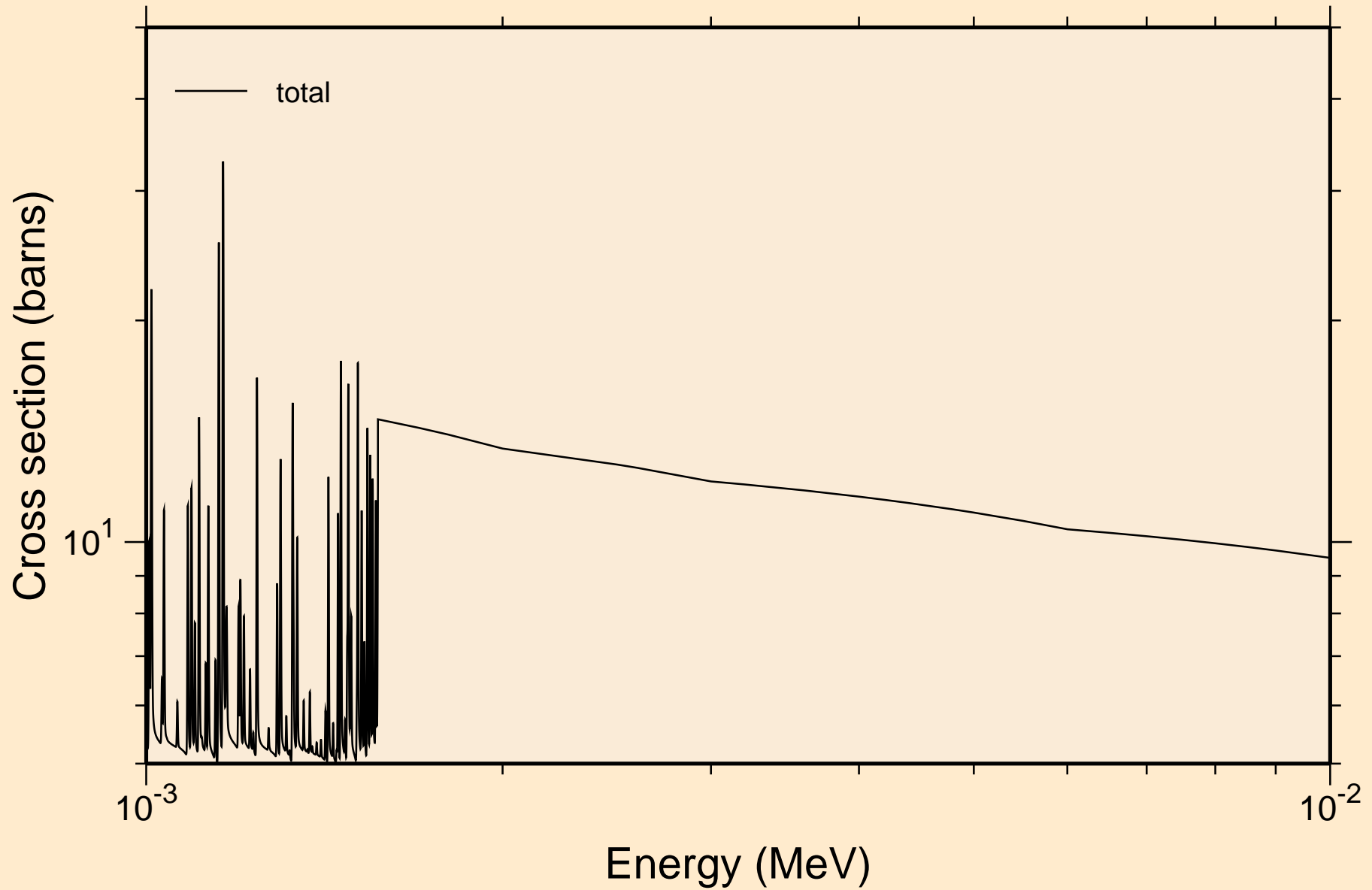
RB081 NRG TENDL-2015, AKONING  
resonance total cross section



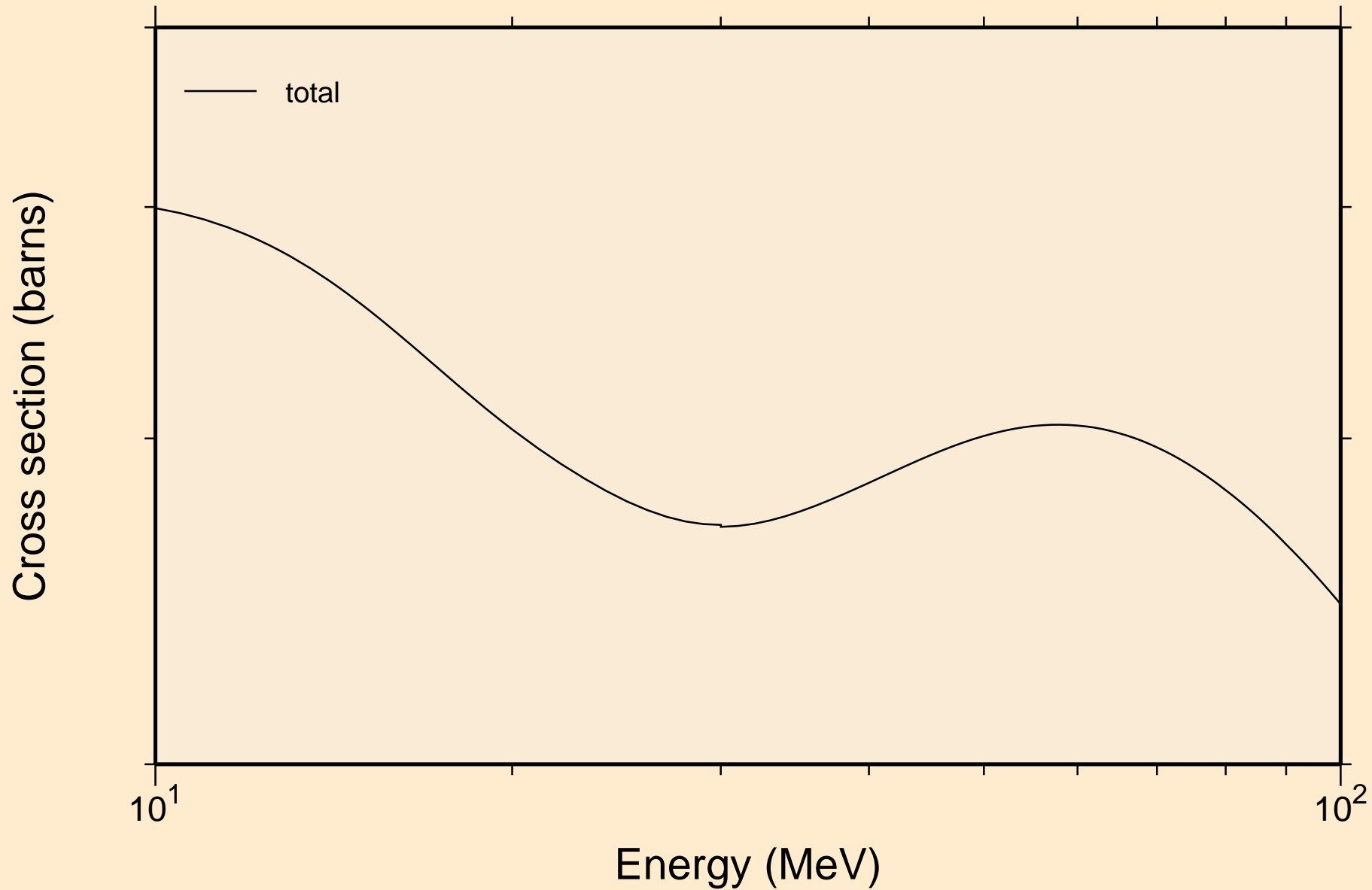
RB081 NRG TENDL-2015, AKONING  
resonance total cross section



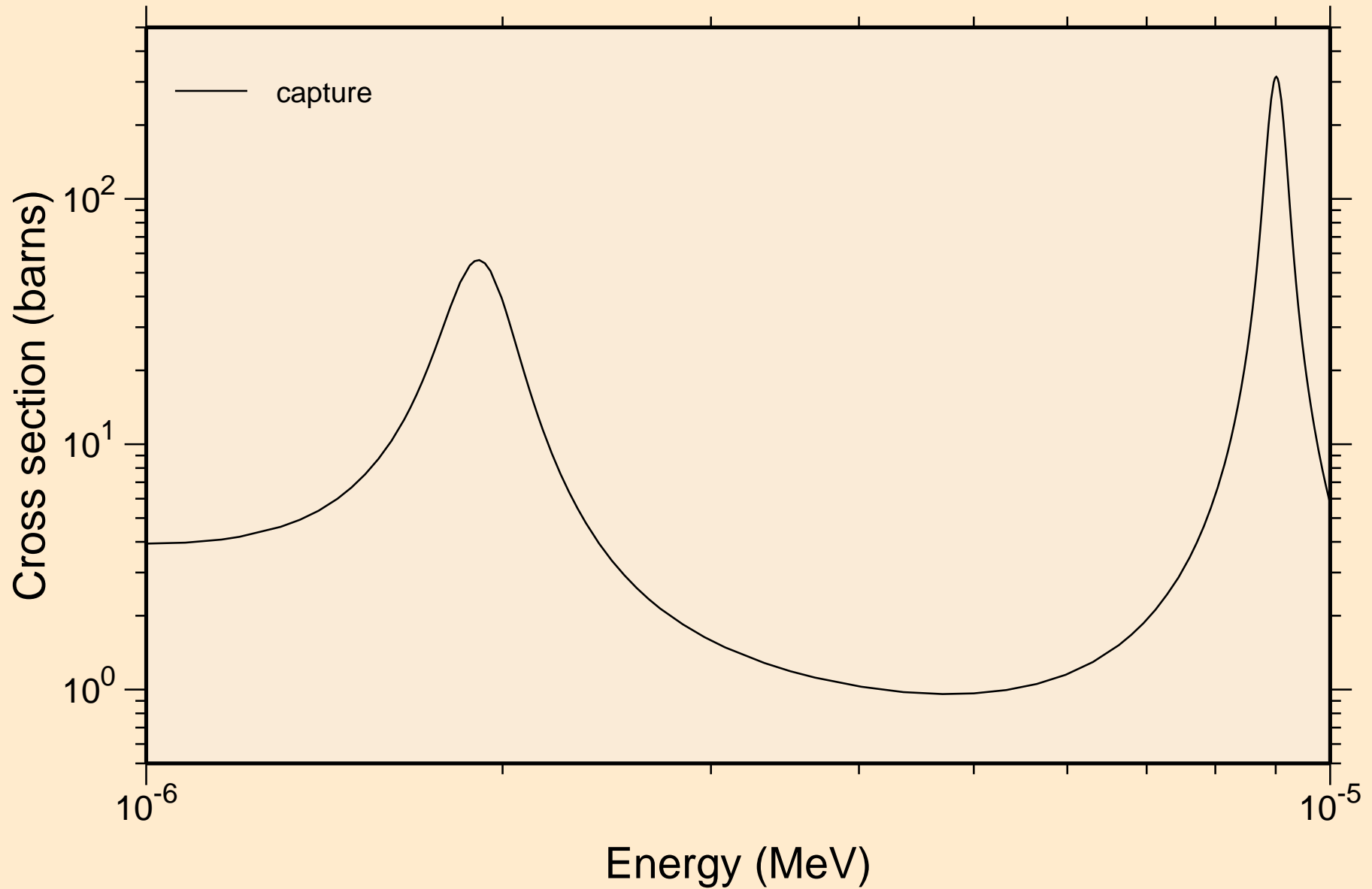
RB081 NRG TENDL-2015, AKONING  
resonance total cross section



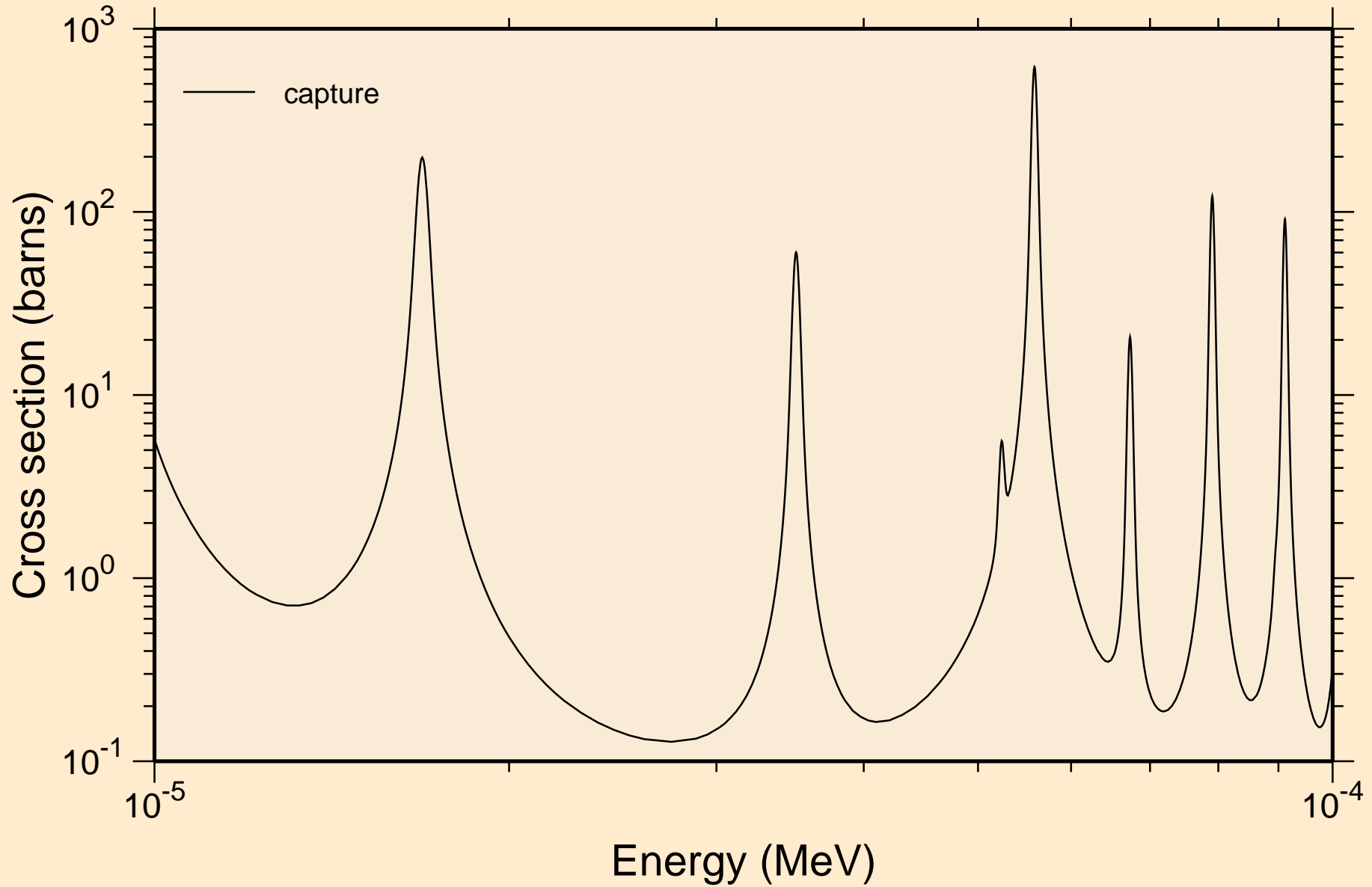
R̄B081 NRG TENDL-2015, AKONING  
resonance total cross section



RB081 NRG TENDL-2015, AKONING  
resonance absorption cross sections

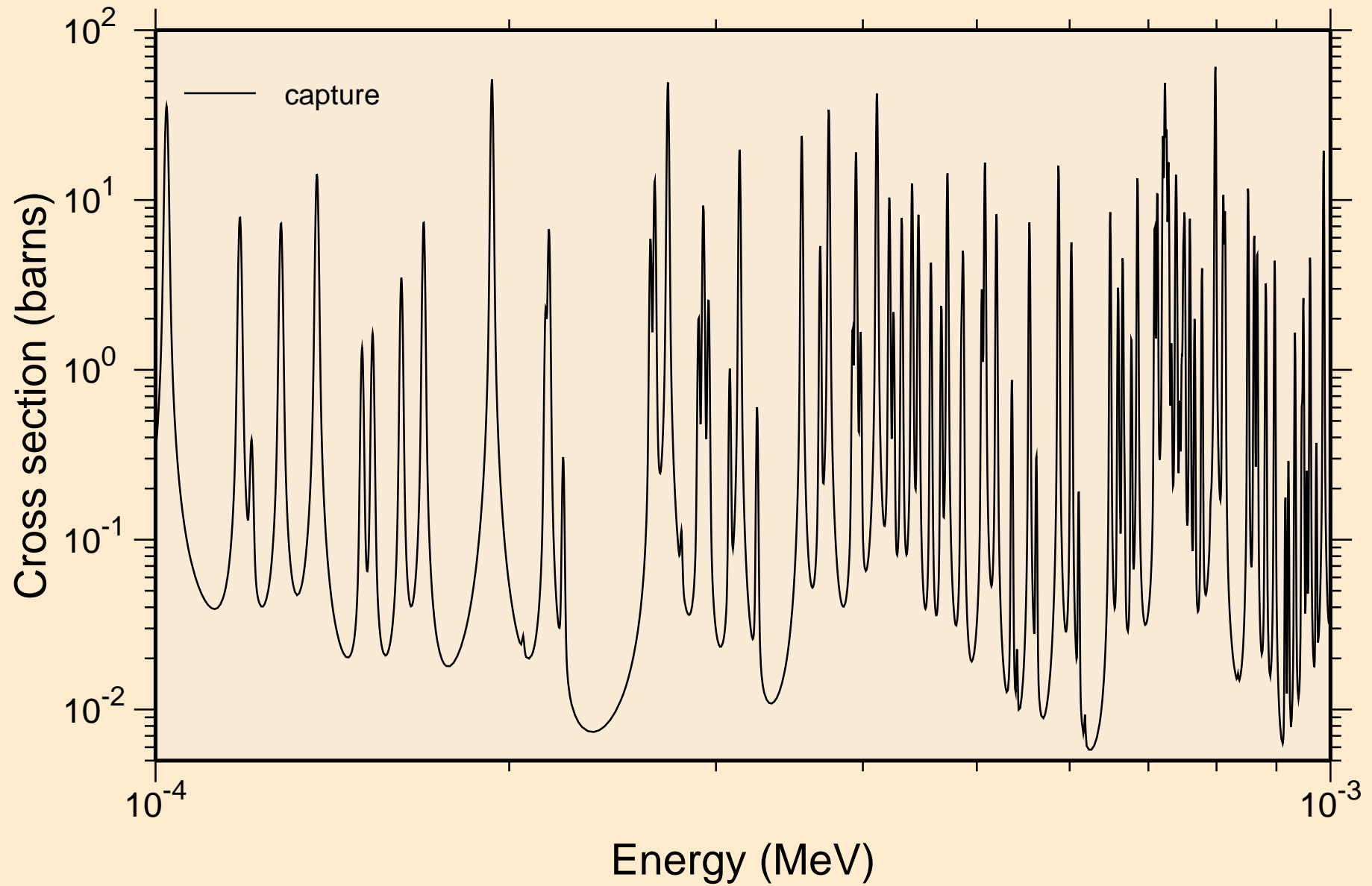


RB081 NRG TENDL-2015, AKONING  
resonance absorption cross sections

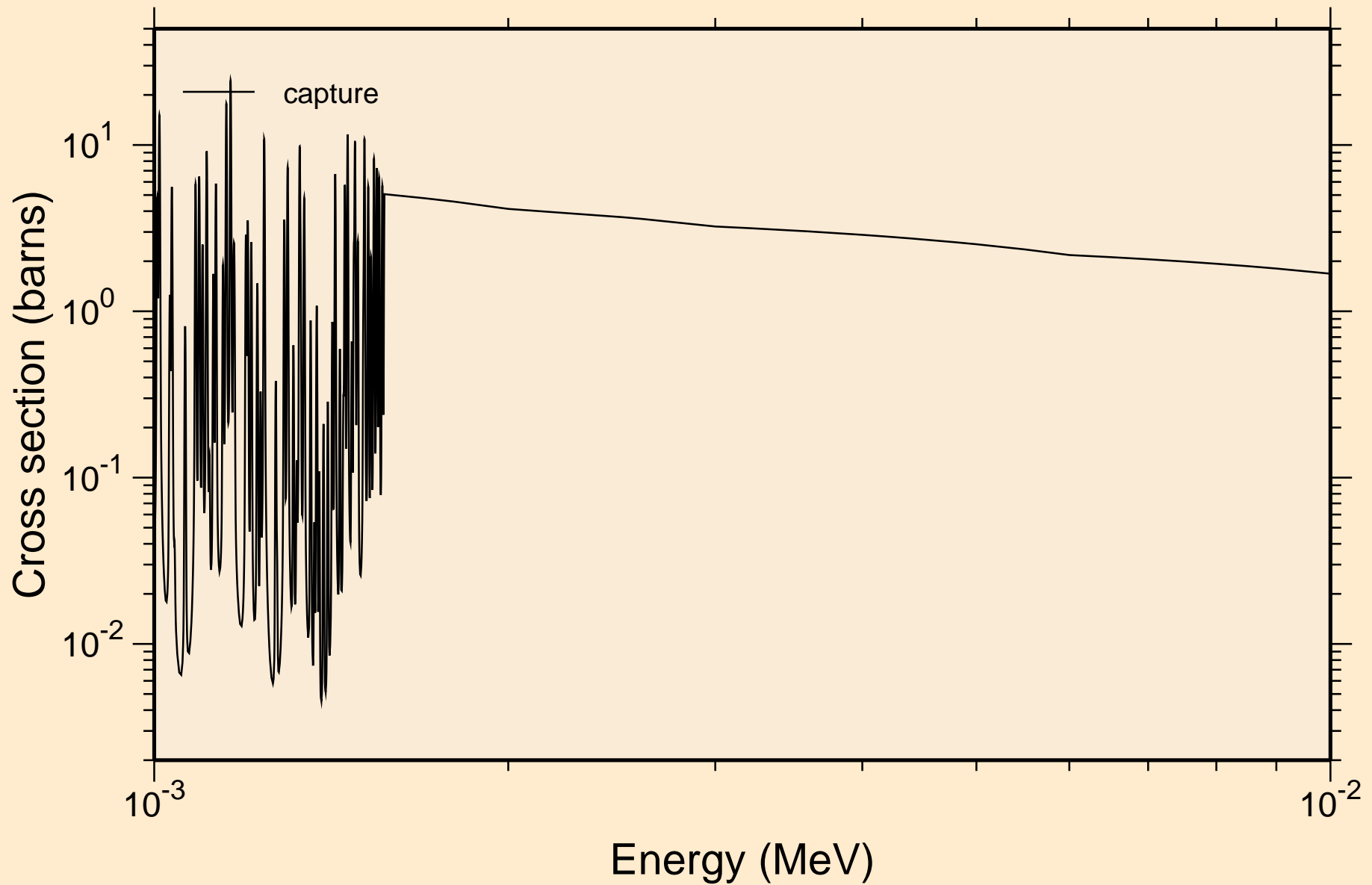




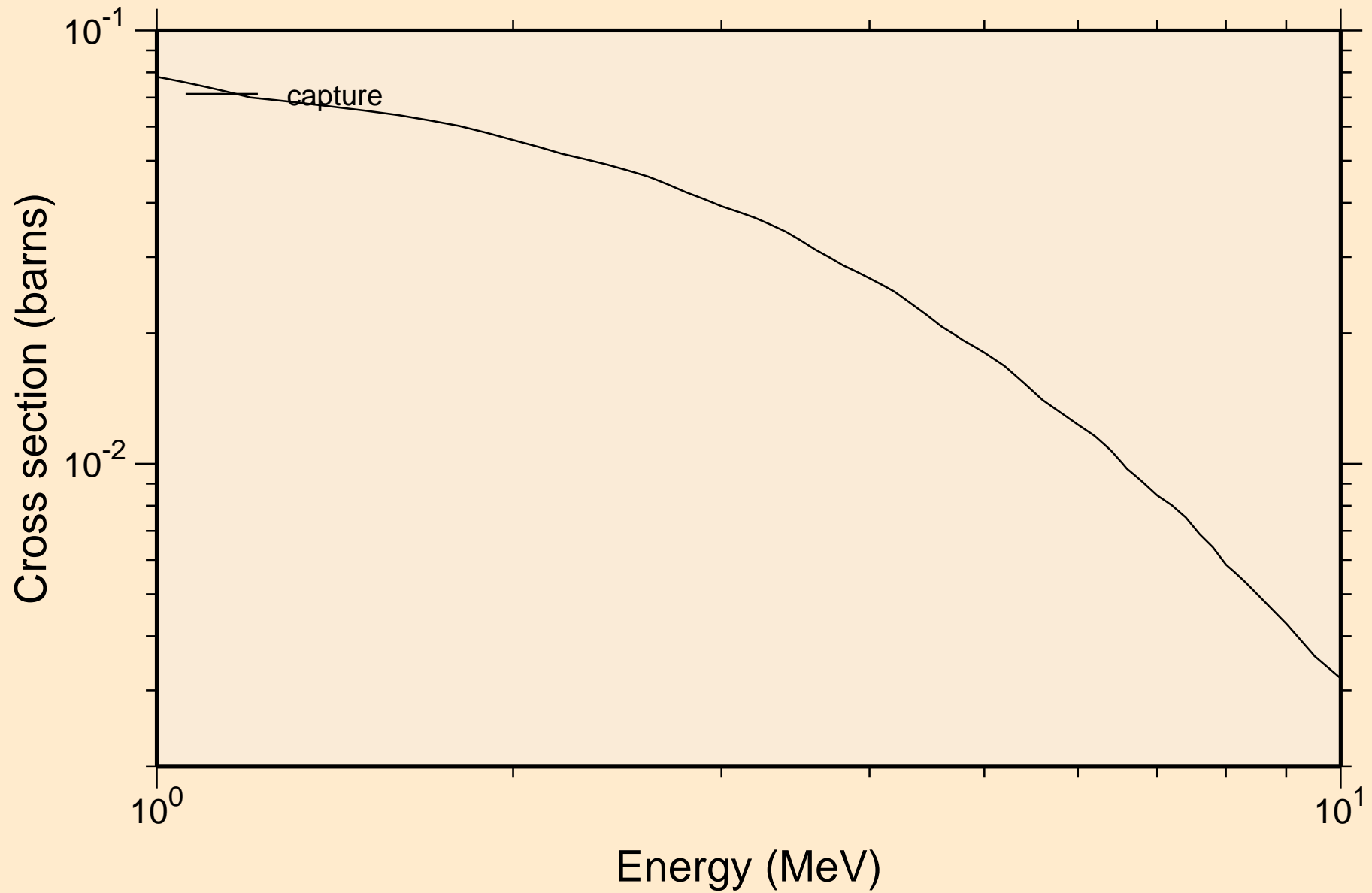
RB081 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RB081 NRG TENDL-2015, AKONING  
resonance absorption cross sections

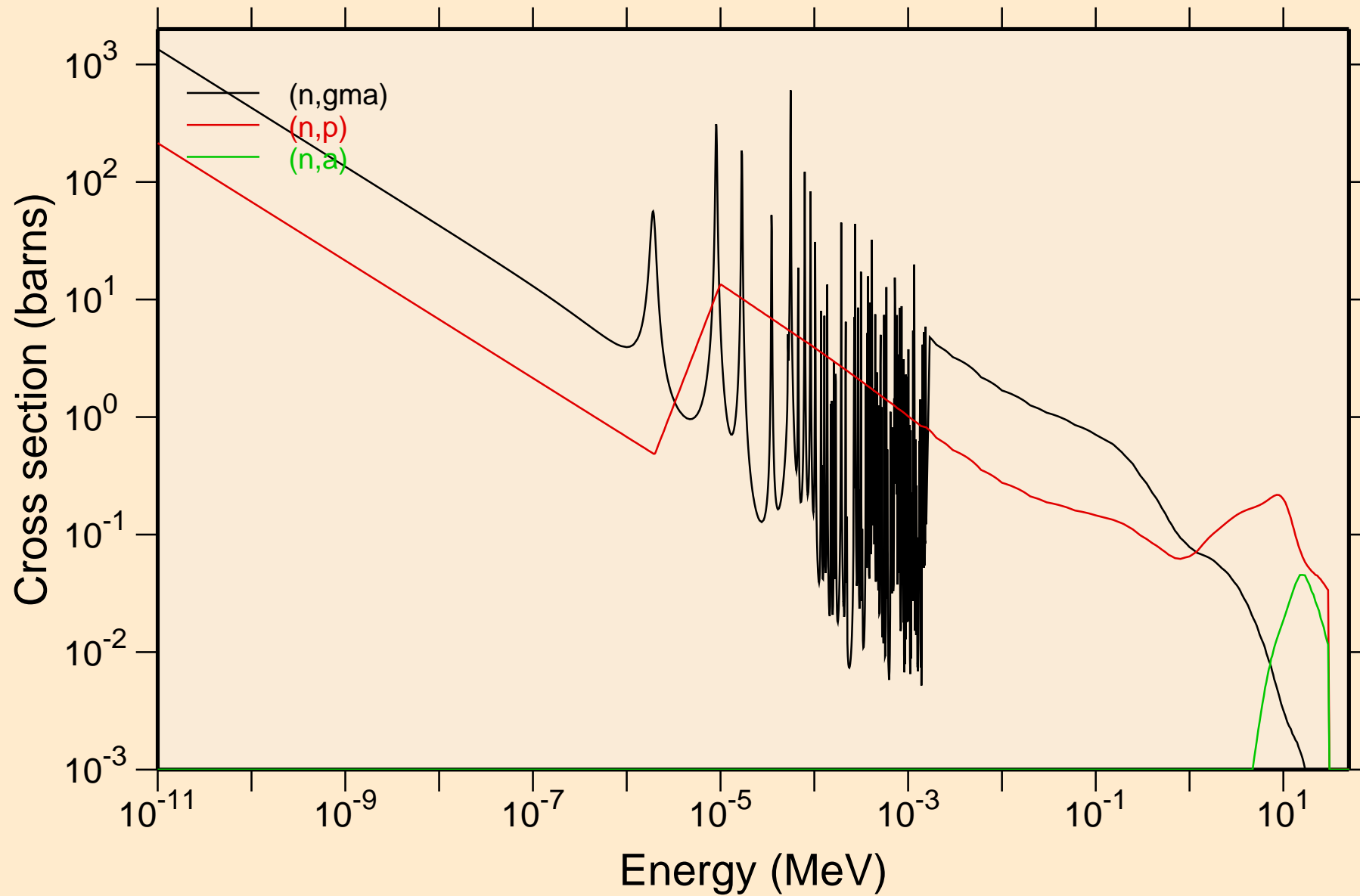


RB081 NRG TENDL-2015, AKONING  
resonance absorption cross sections



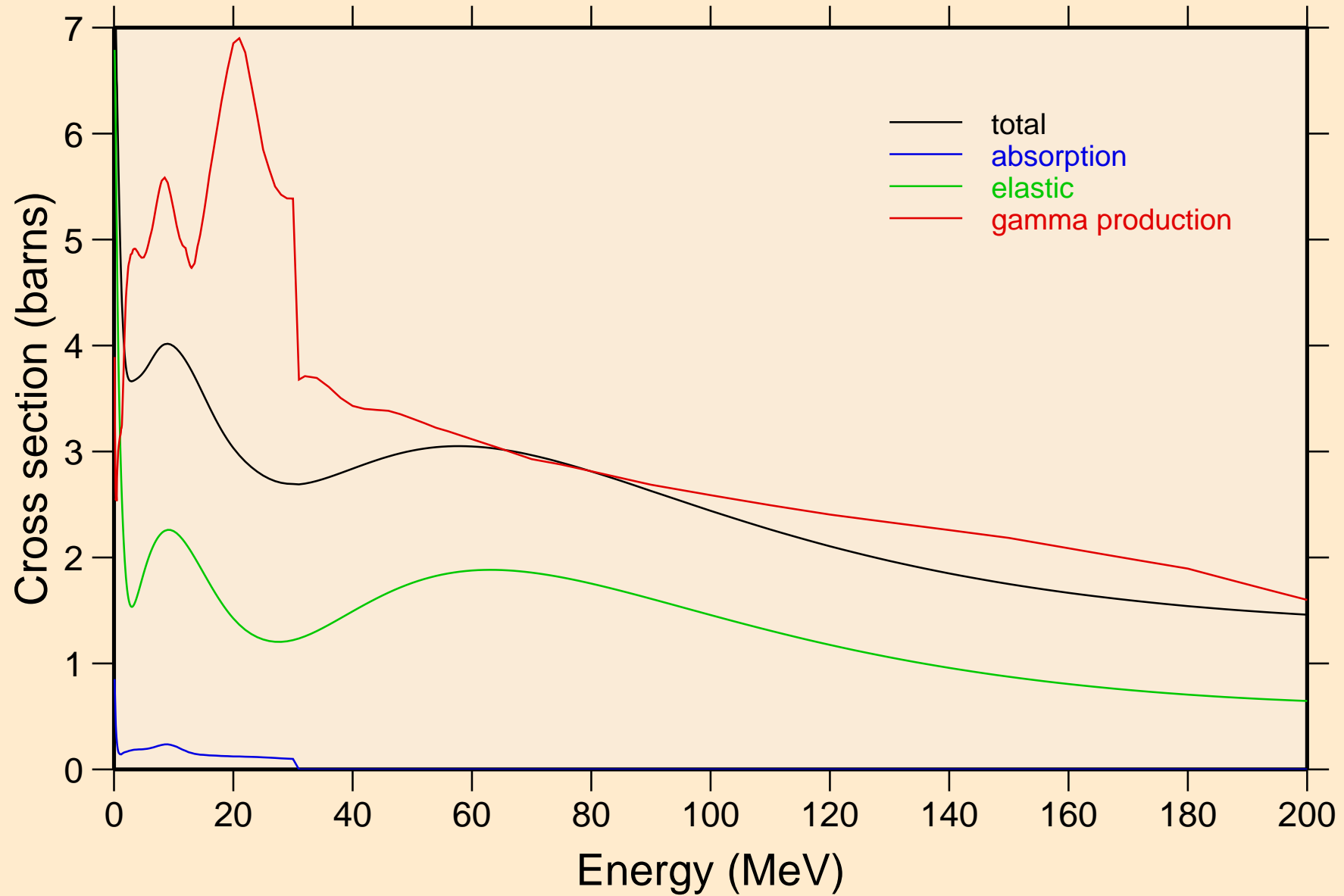
# RB081 NRG TENDL-2015, AKONING

## Non-threshold reactions

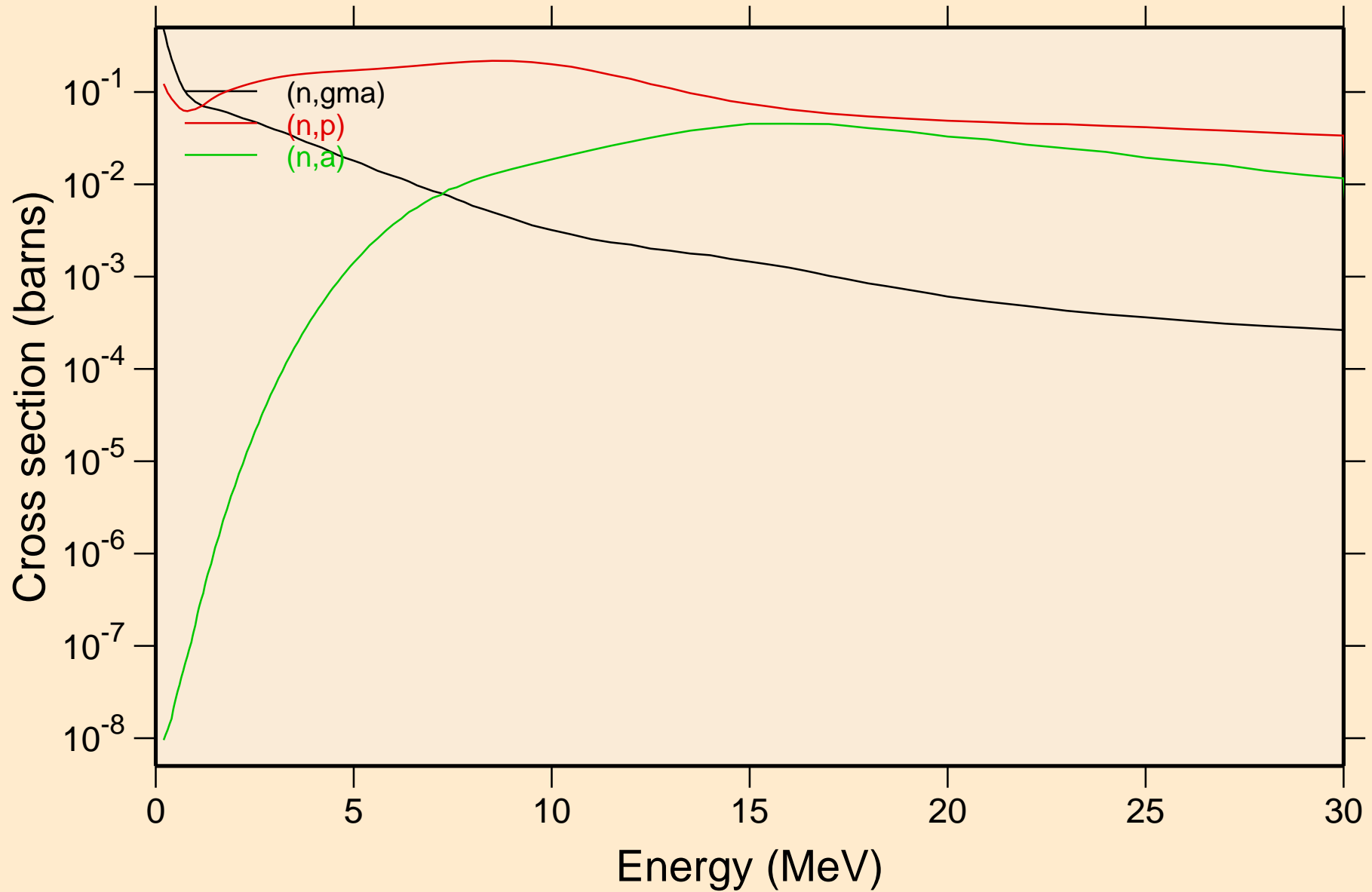


# RB081 NRG TENDL-2015, AKONING

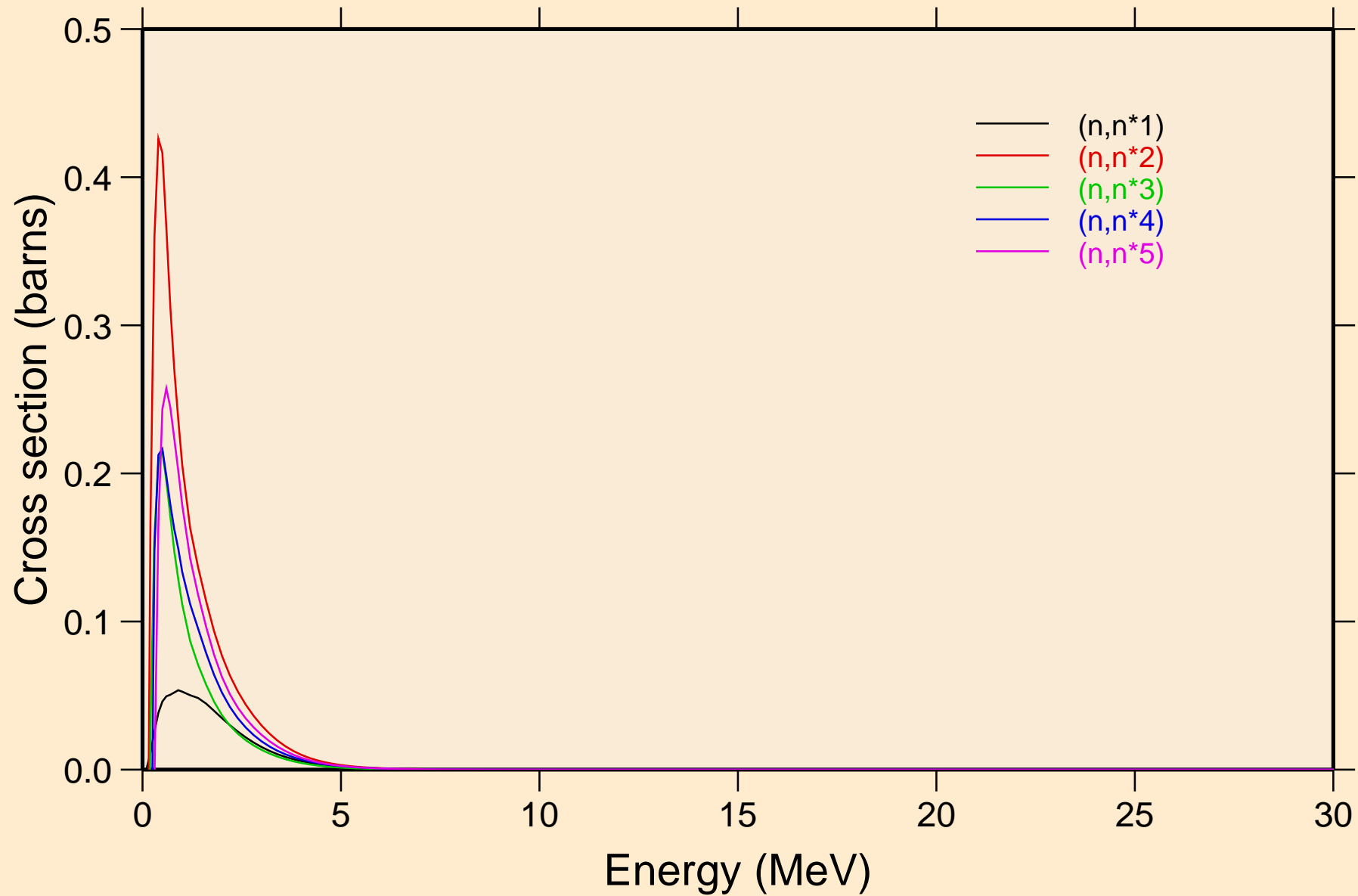
## Principal cross sections



RB081 NRG TENDL-2015, AKONING  
Non-threshold reactions

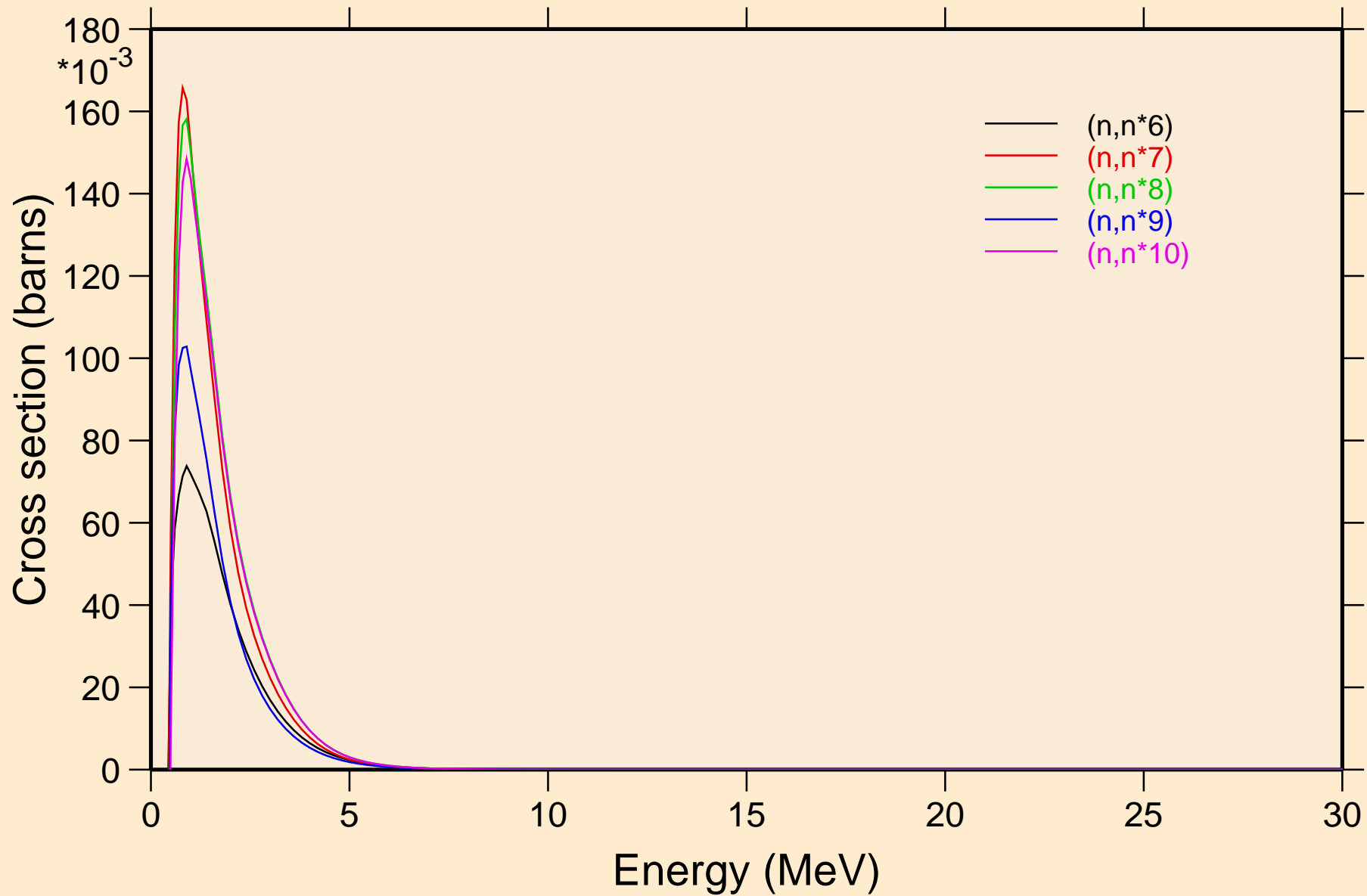


RB081 NRG TENDL-2015, AKONING  
Inelastic levels



# RB081 NRG TENDL-2015, AKONING

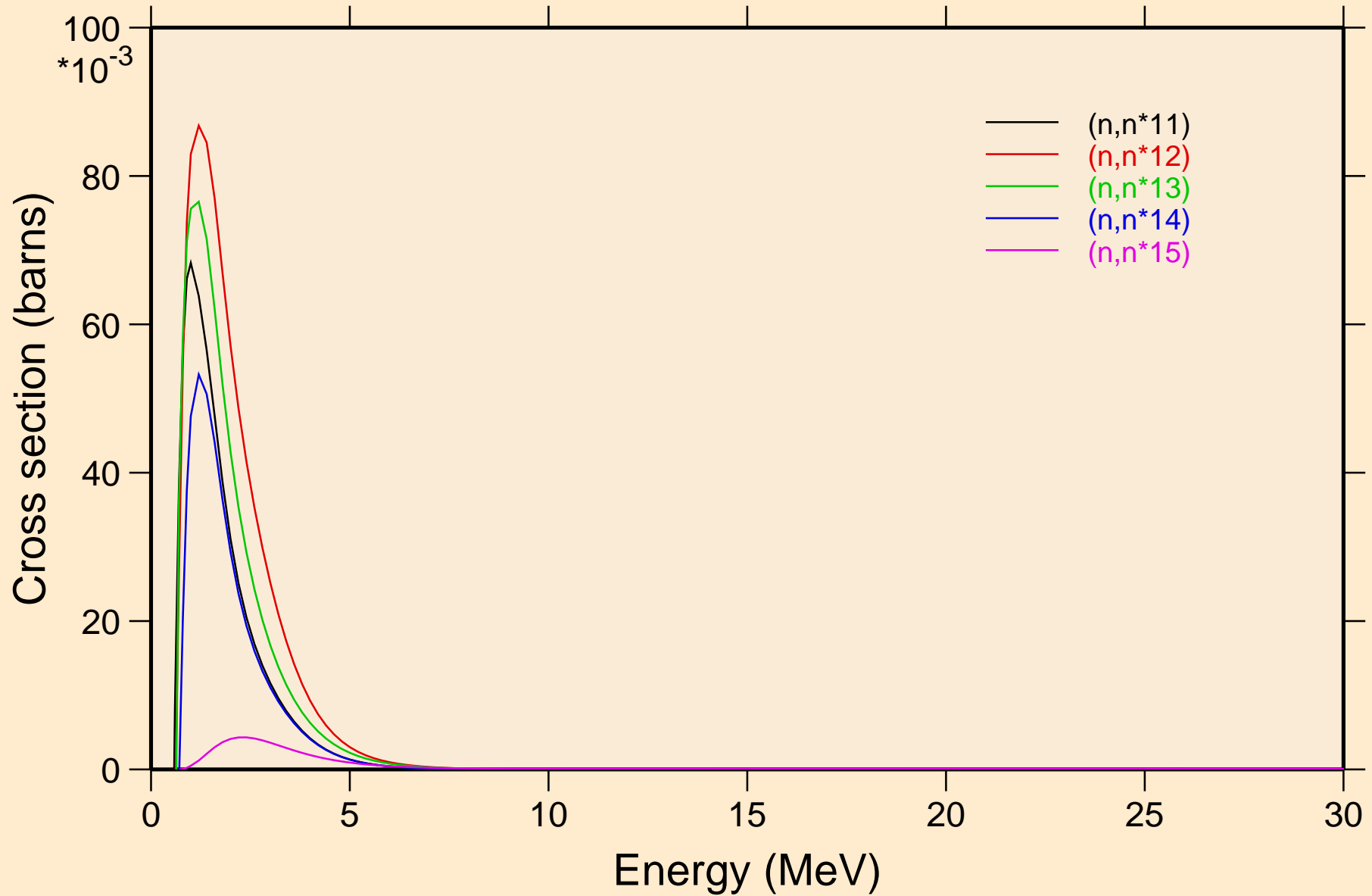
## Inelastic levels





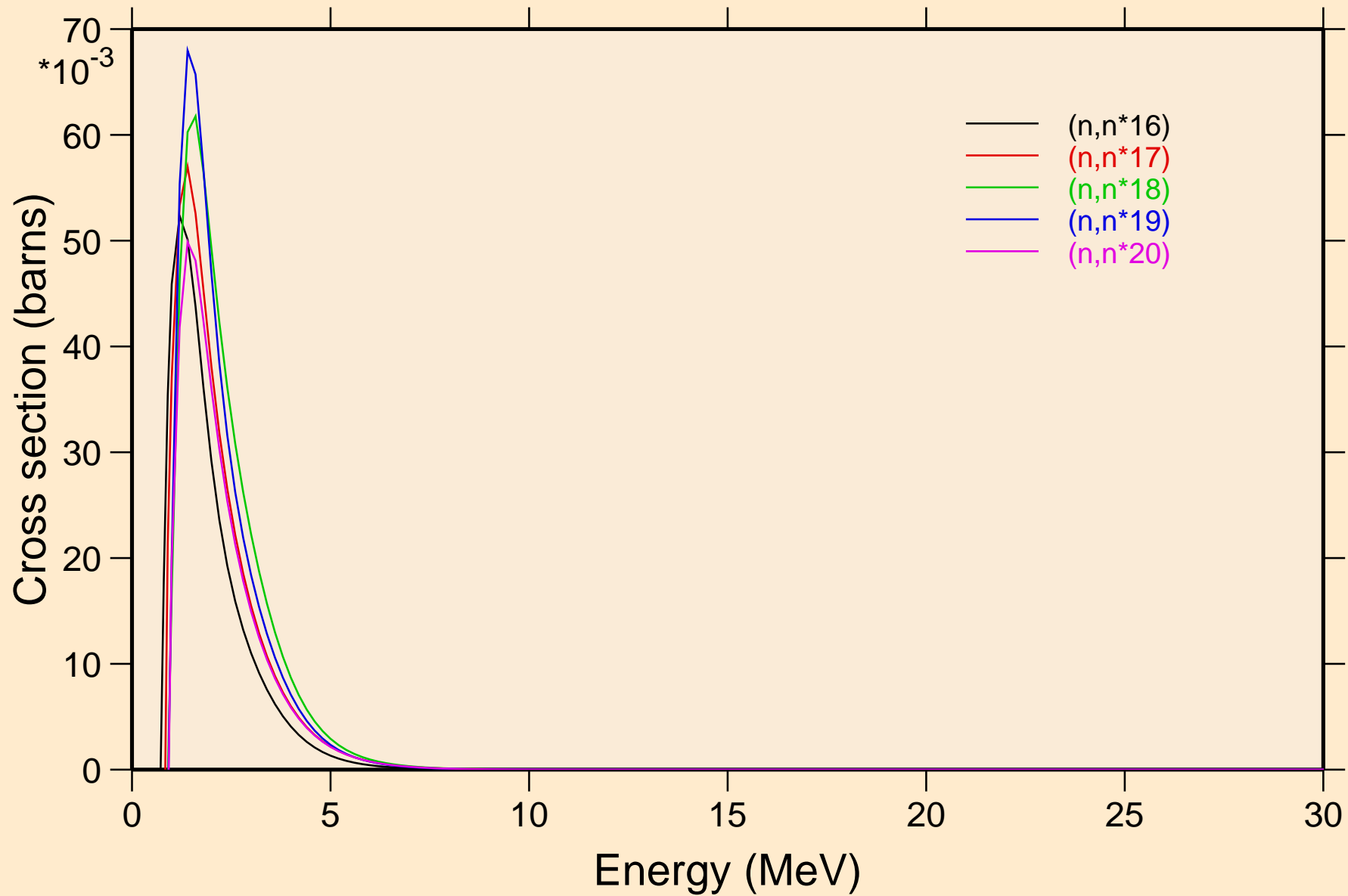
# RB081 NRG TENDL-2015, AKONING

## Inelastic levels



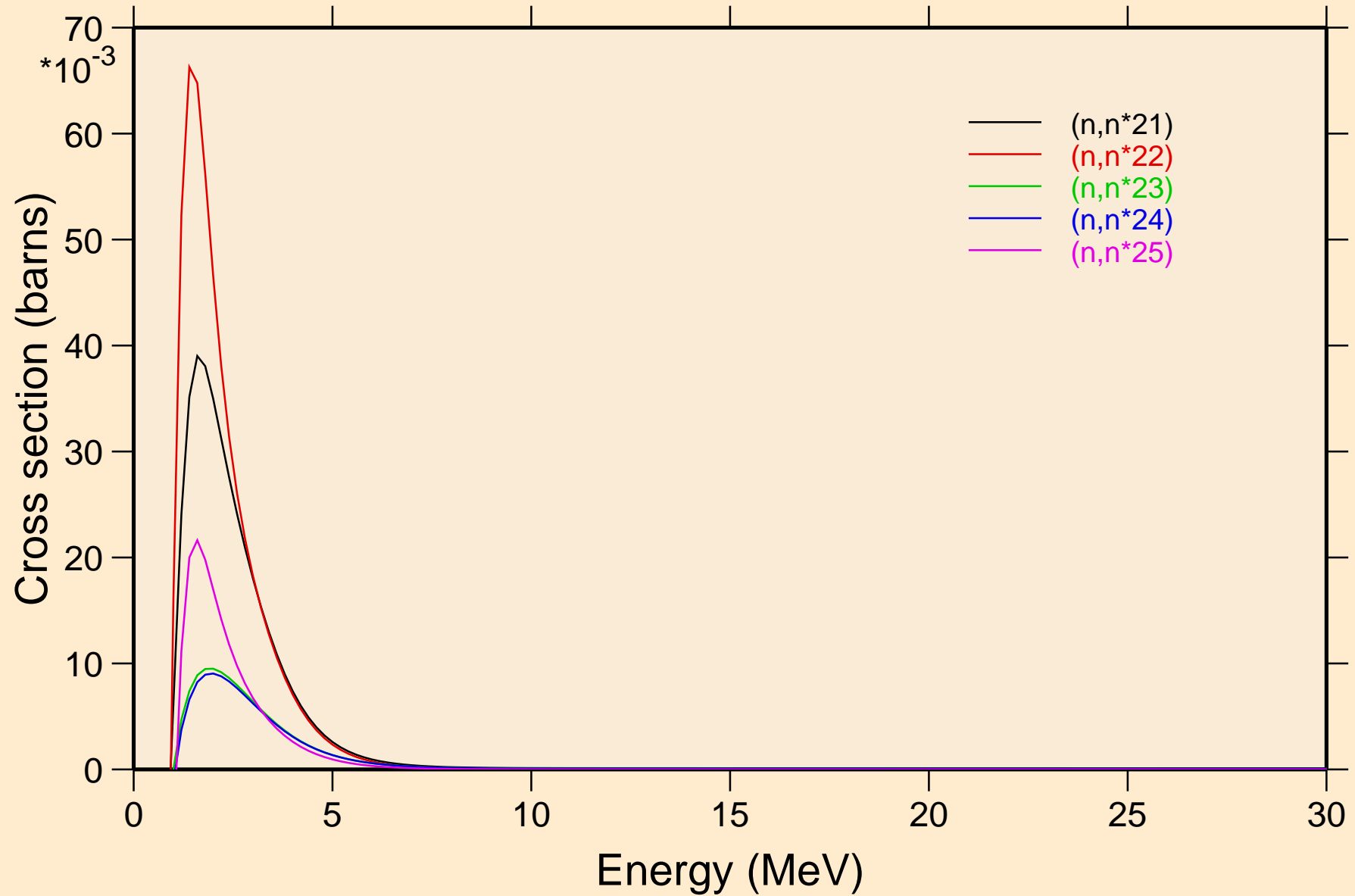
# RB081 NRG TENDL-2015, AKONING

## Inelastic levels



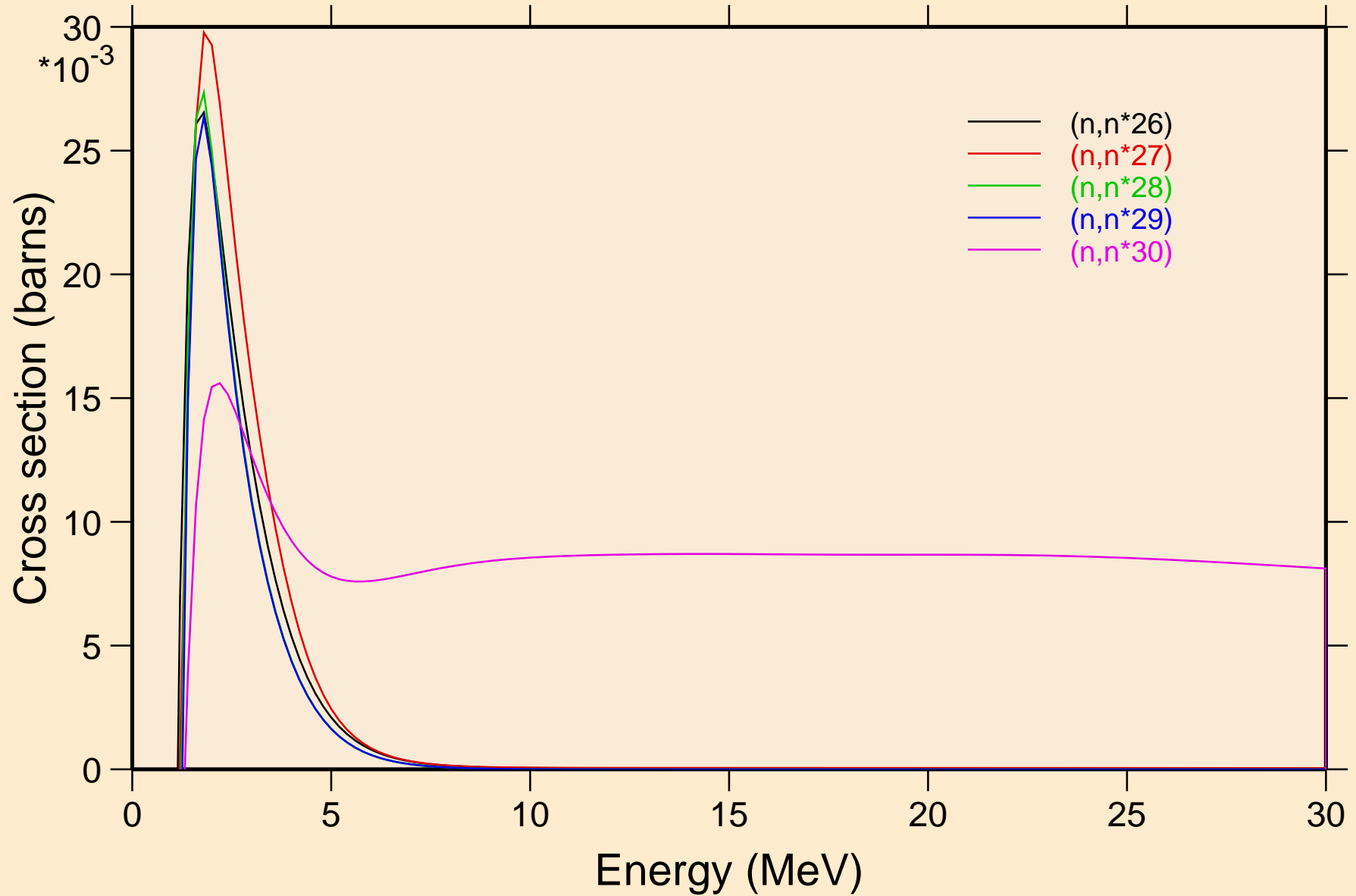
# RB081 NRG TENDL-2015, AKONING

## Inelastic levels



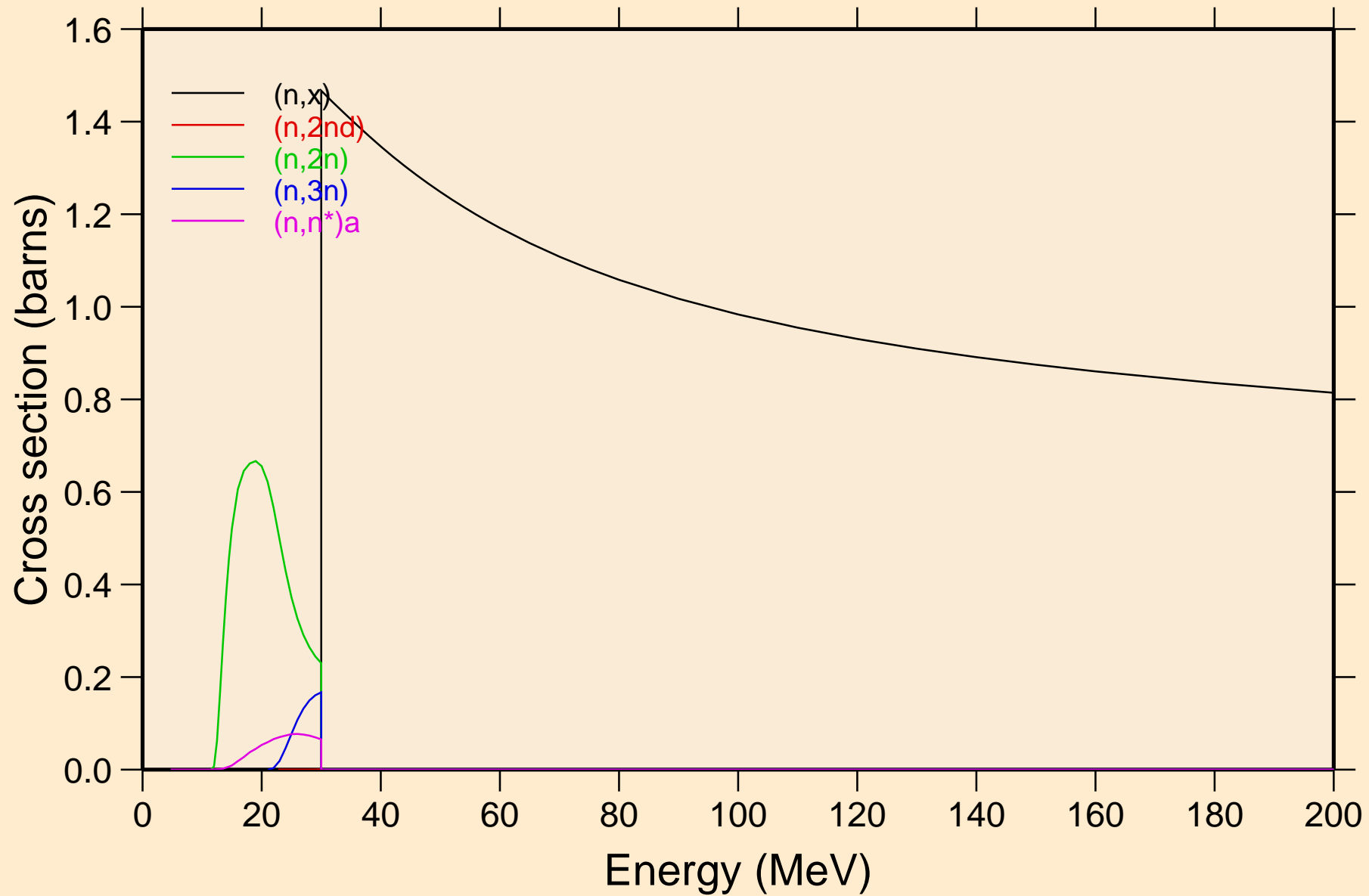
# RB081 NRG TENDL-2015, AKONING

## Inelastic levels



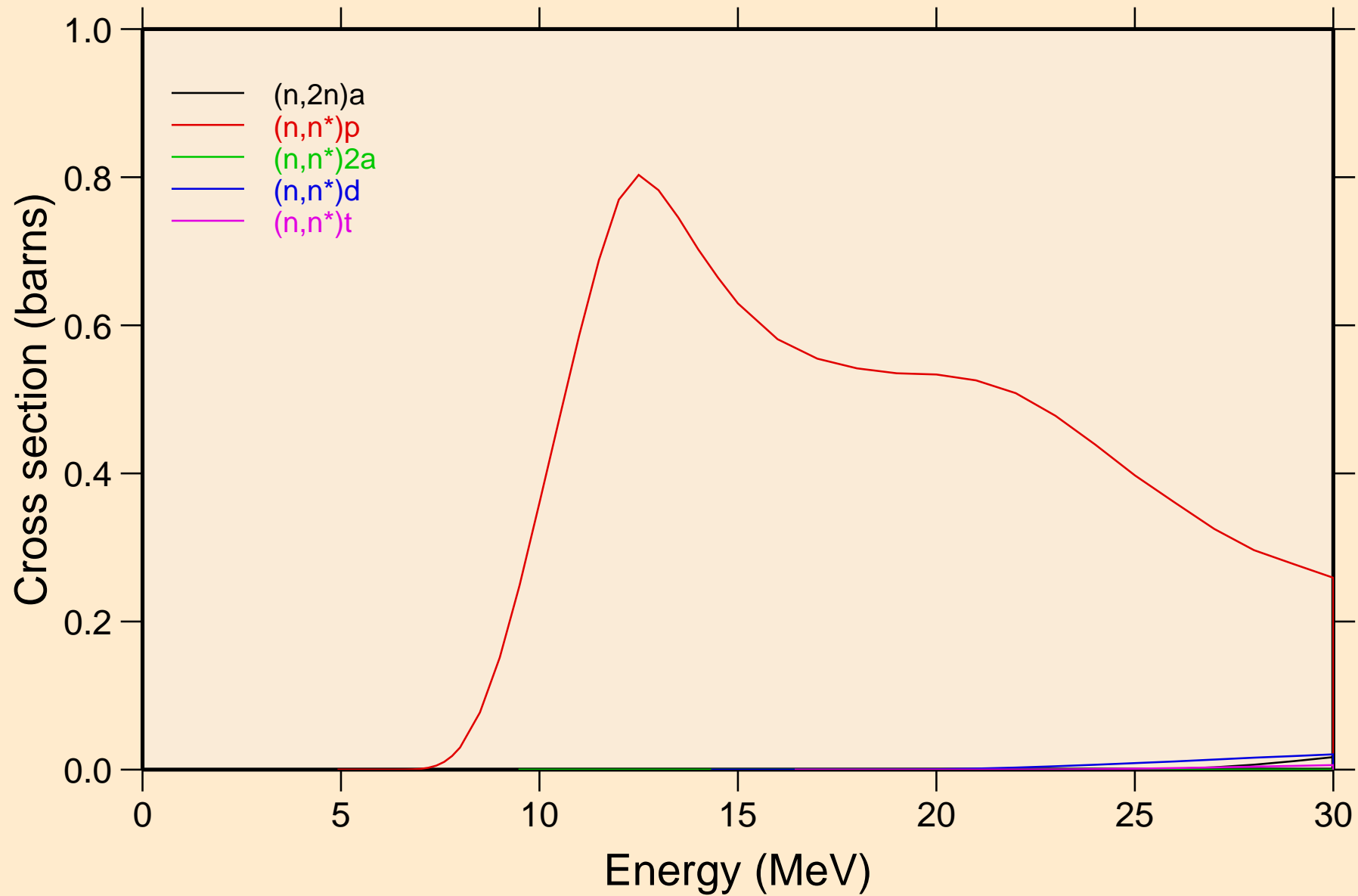
# RB081 NRG TENDL-2015, AKONING

## Threshold reactions



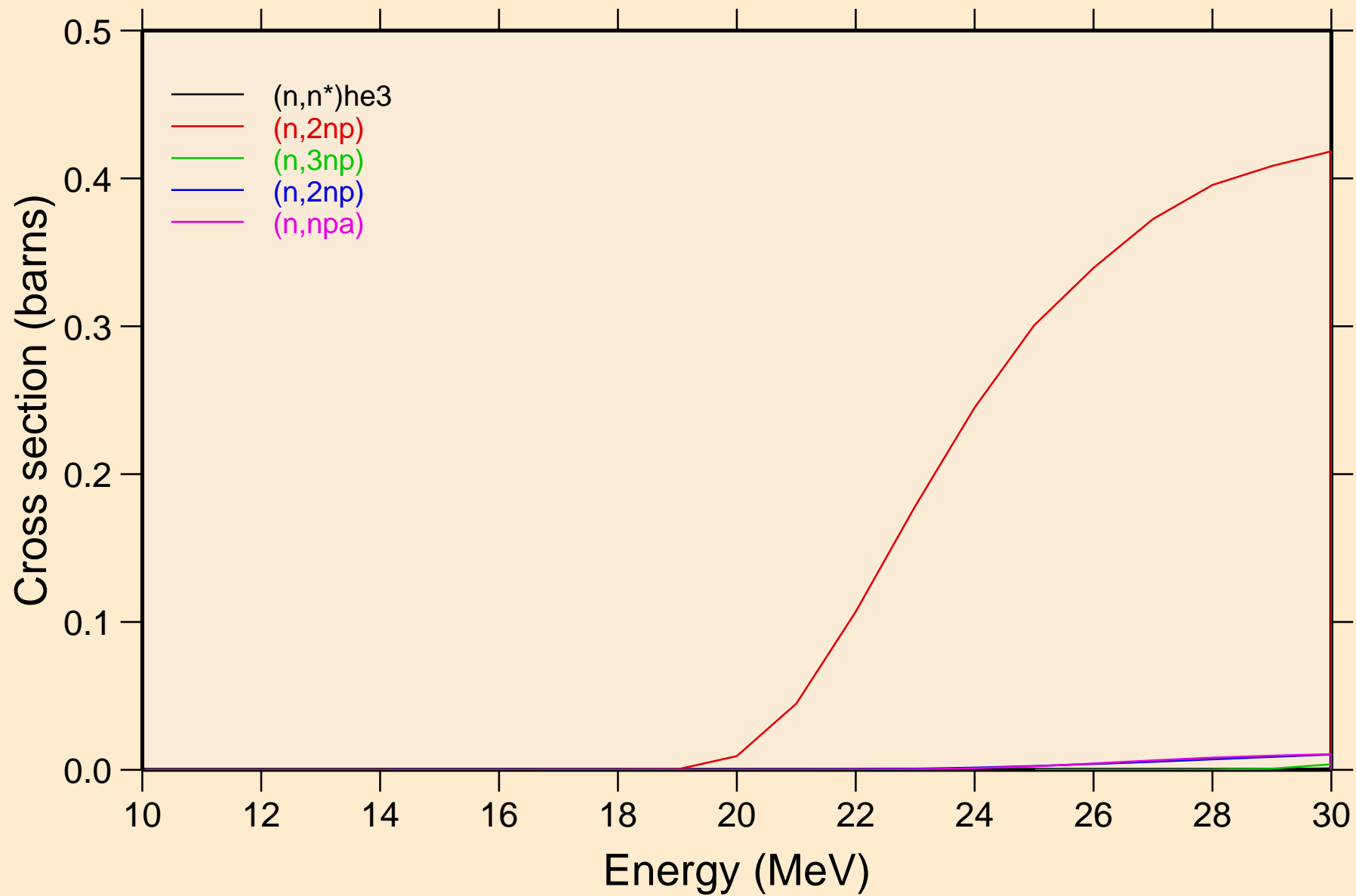
# RB081 NRG TENDL-2015, AKONING

## Threshold reactions



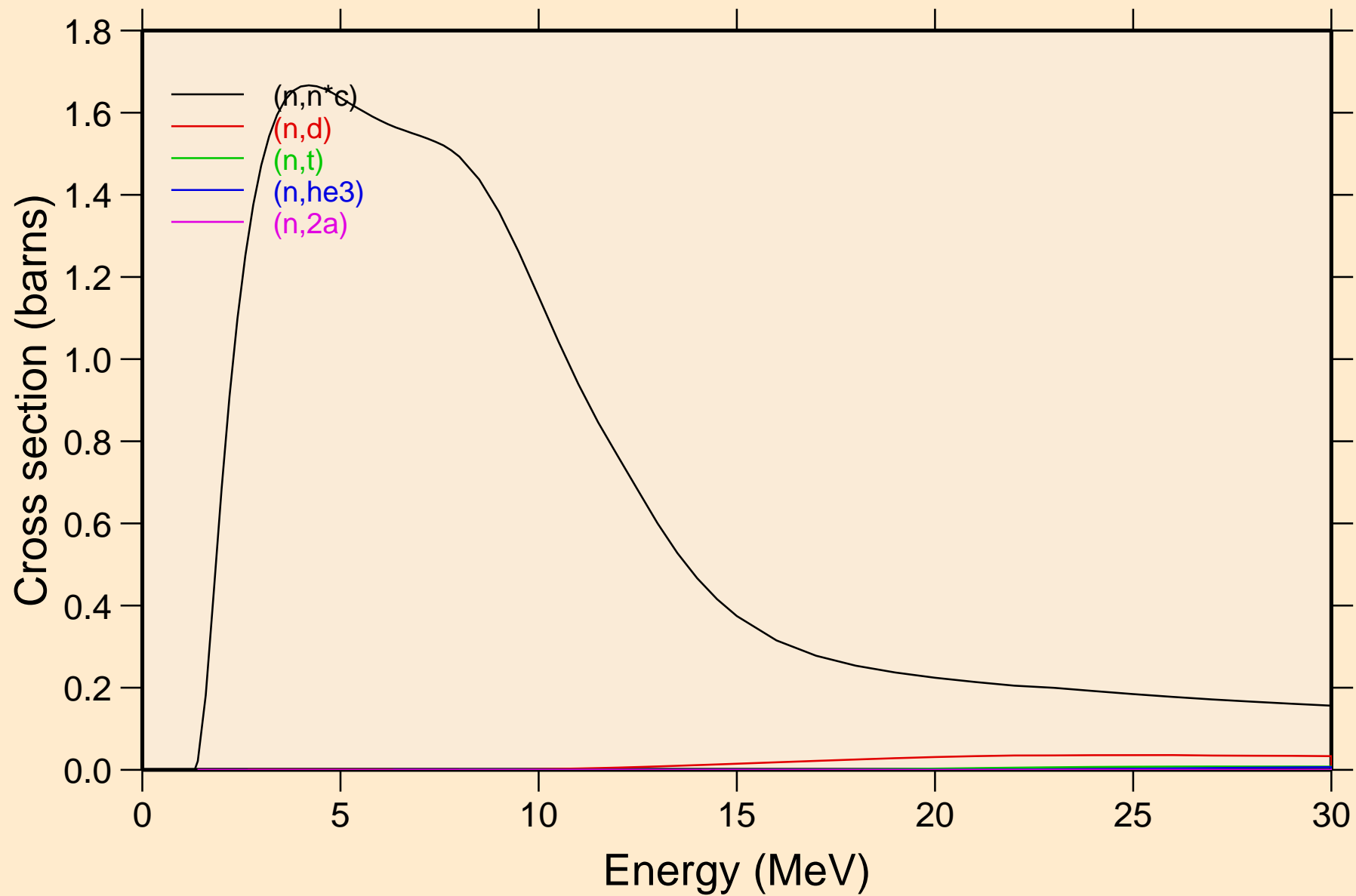
# RB081 NRG TENDL-2015, AKONING

## Threshold reactions



# RB081 NRG TENDL-2015, AKONING

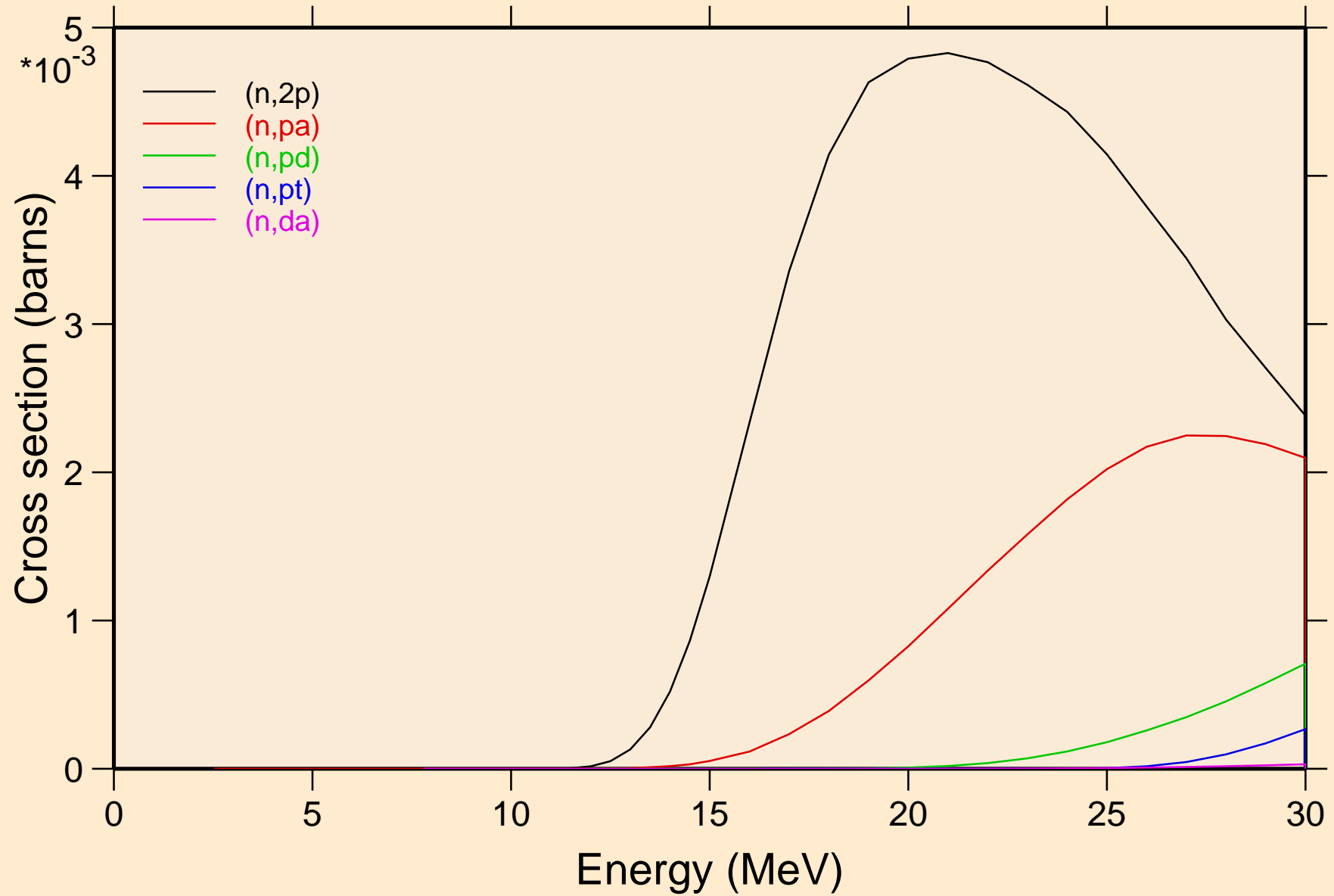
## Threshold reactions



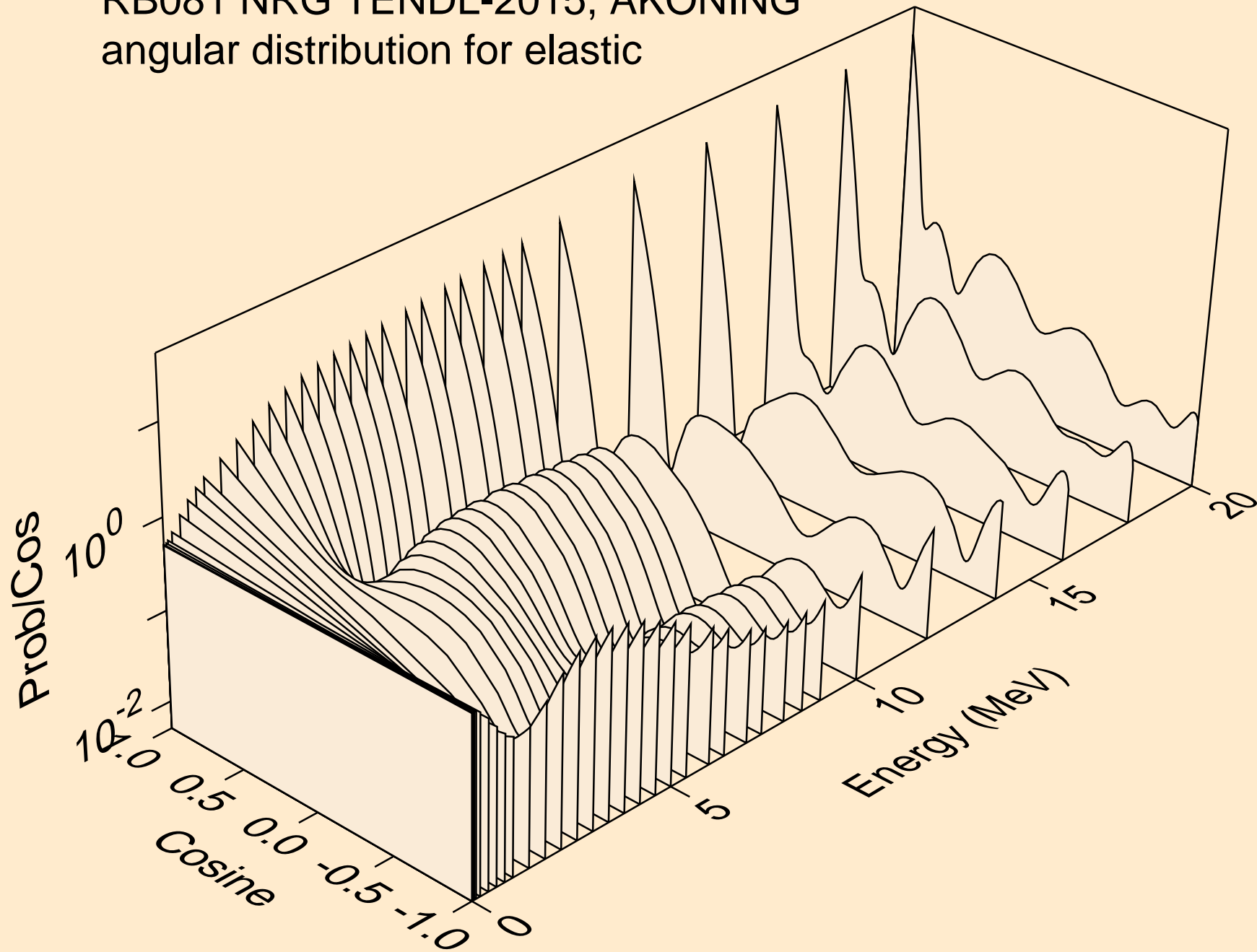


# RB081 NRG TENDL-2015, AKONING

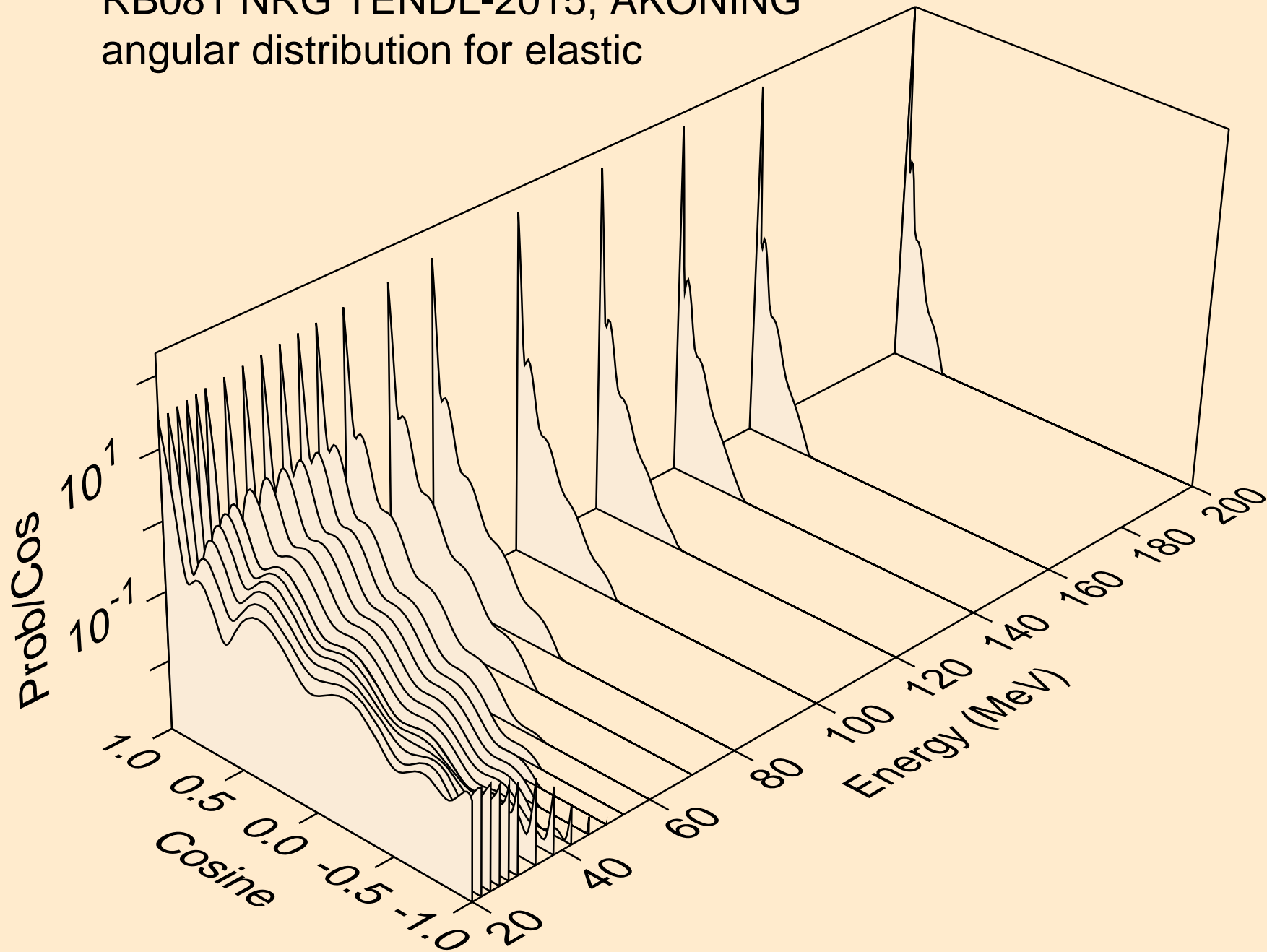
## Threshold reactions



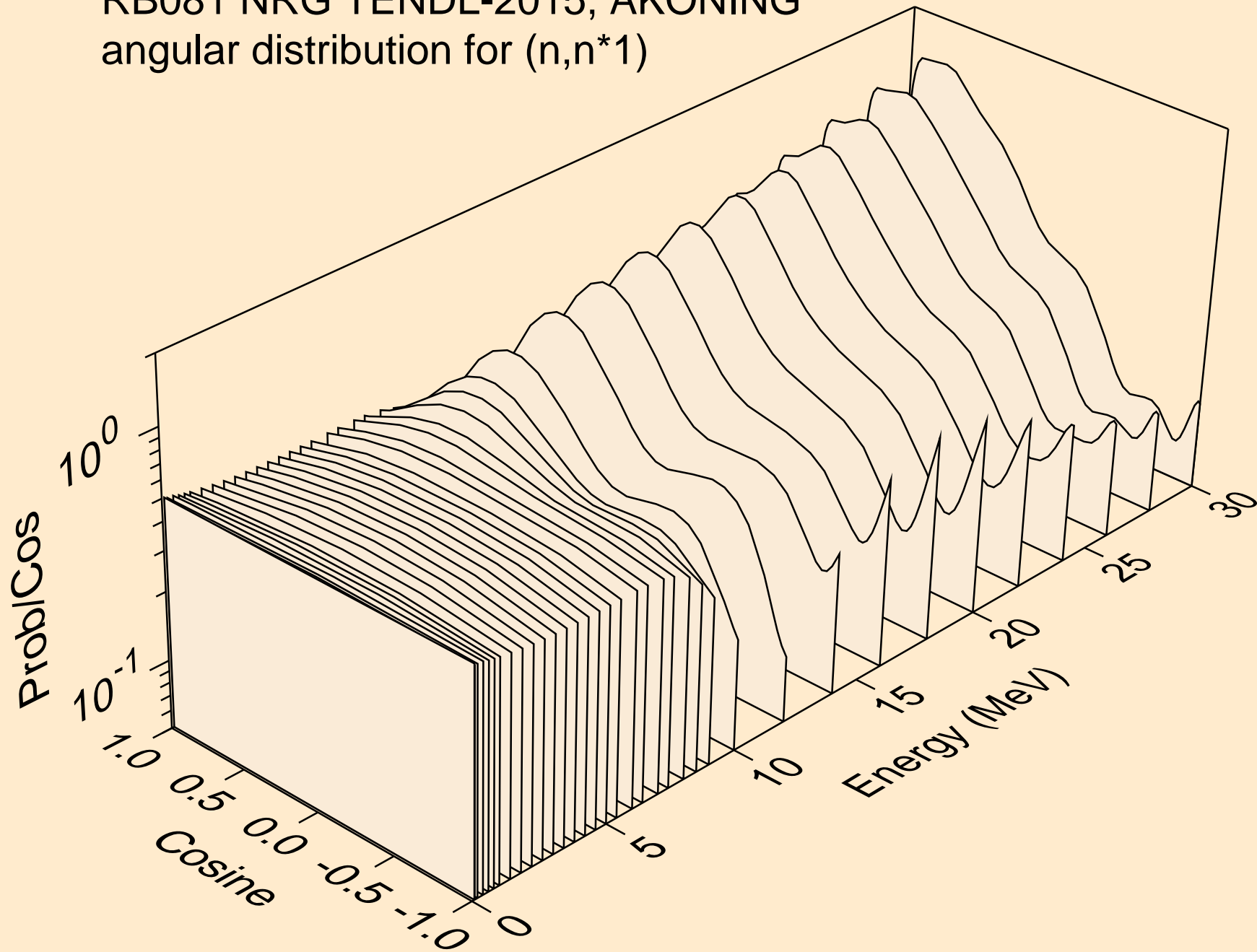
RB081 NRG TENDL-2015, AKONING  
angular distribution for elastic



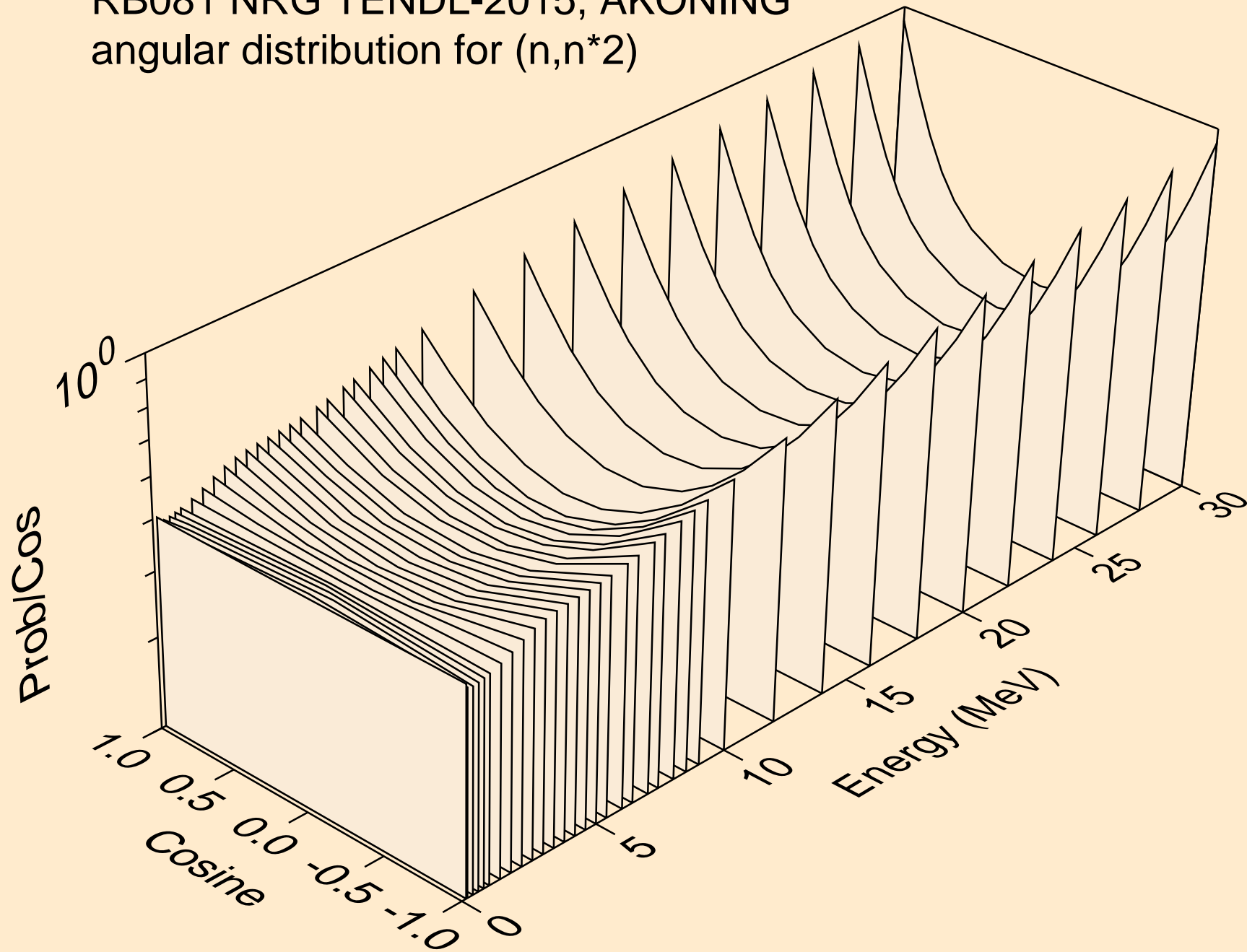
RB081 NRG TENDL-2015, AKONING  
angular distribution for elastic



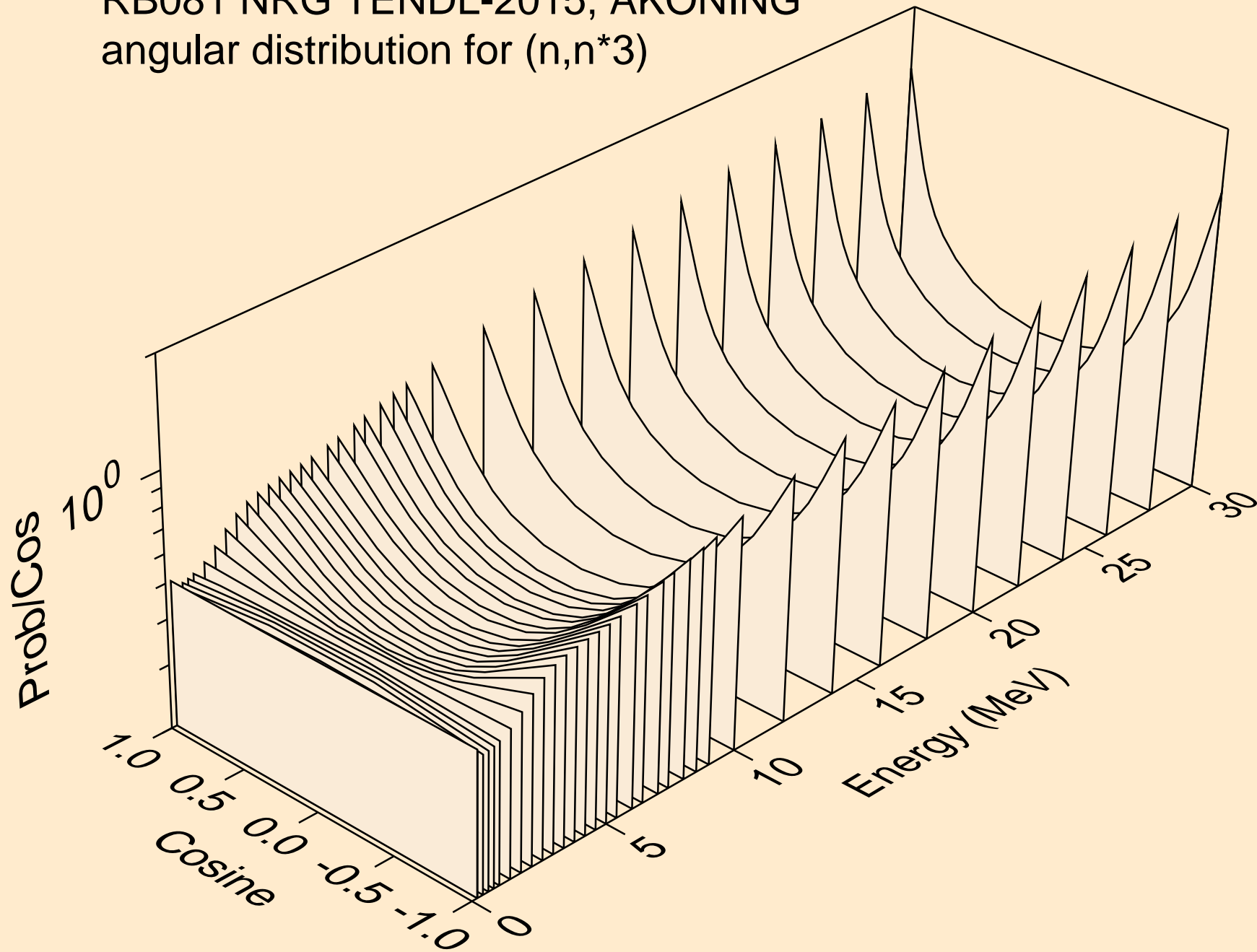
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



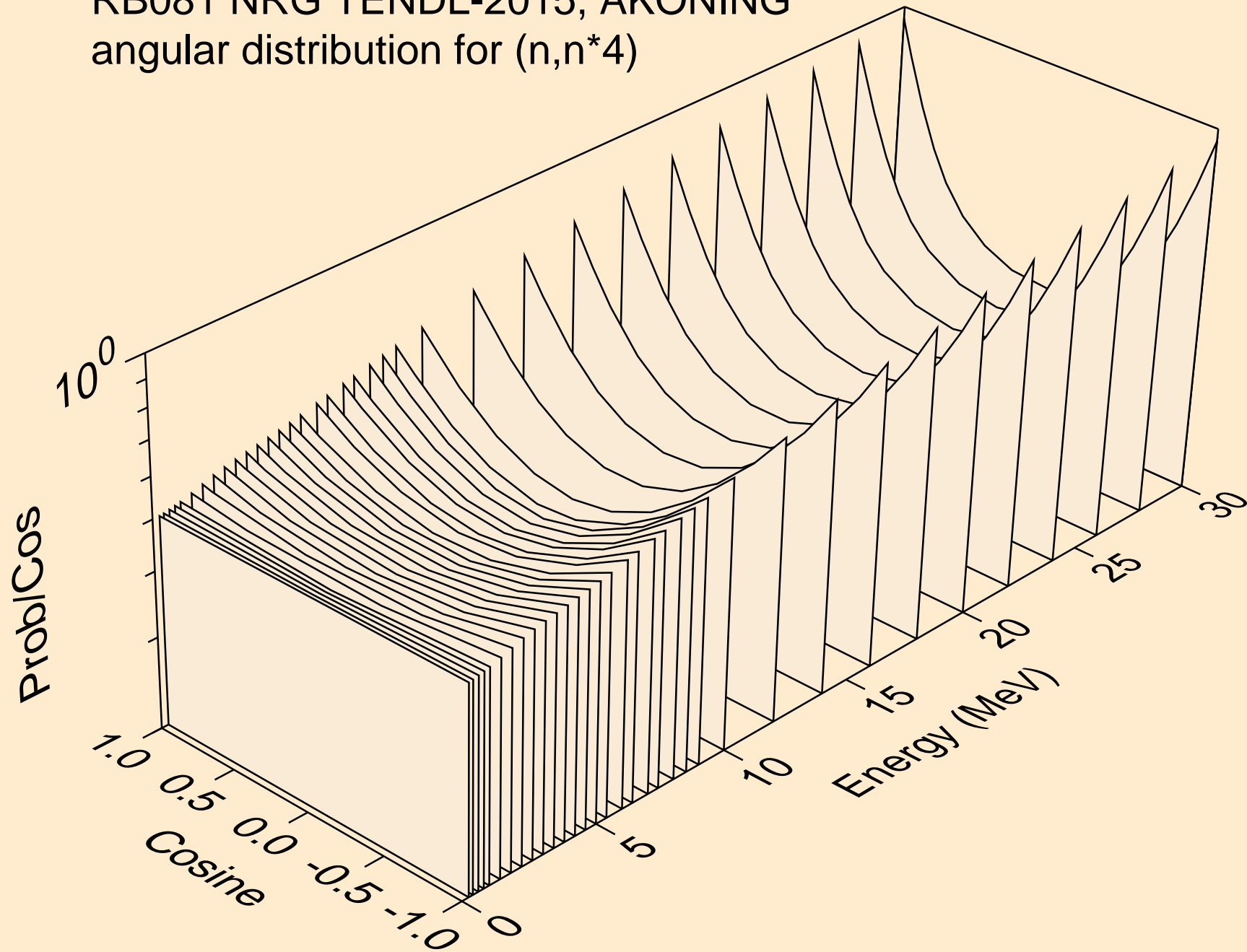
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



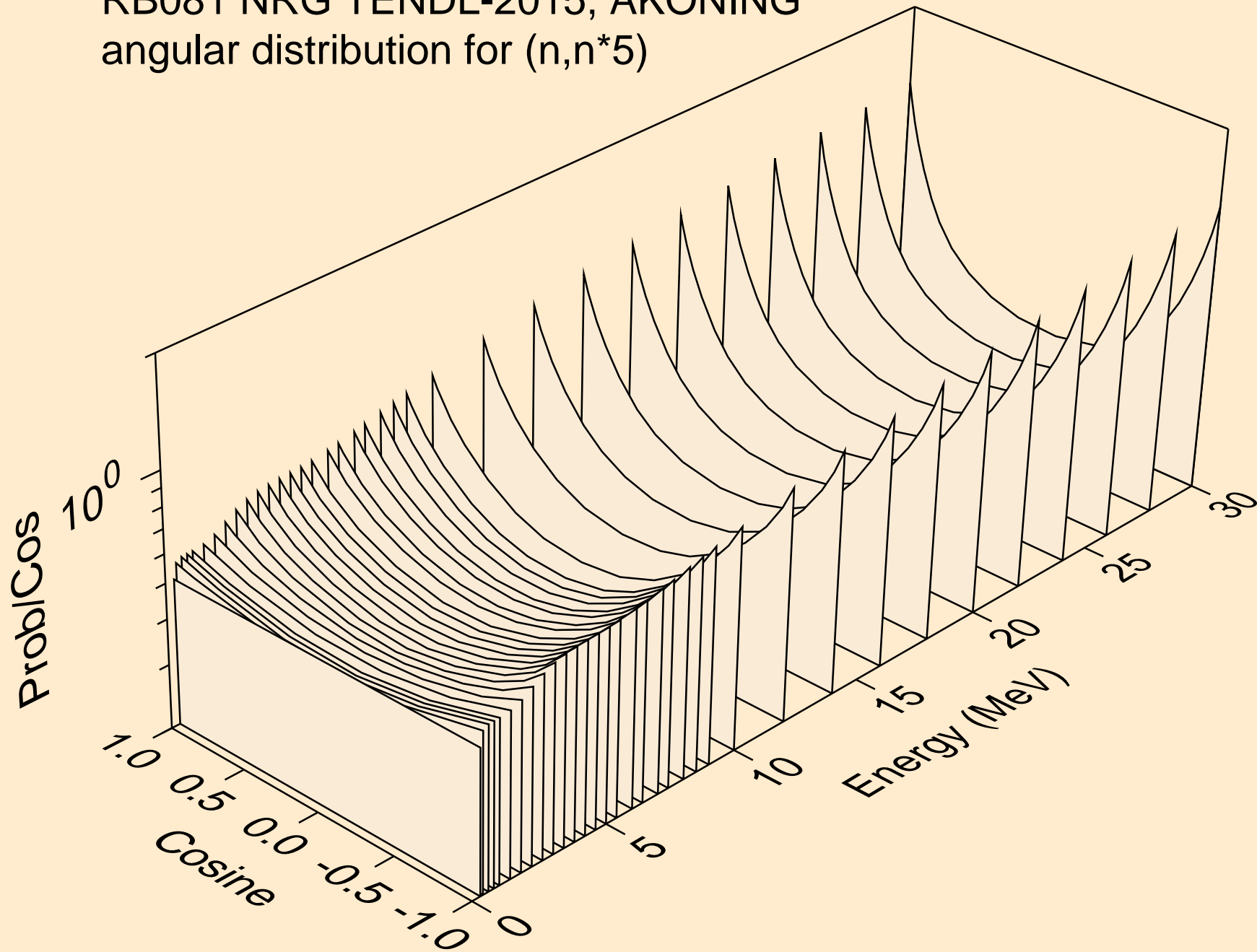
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

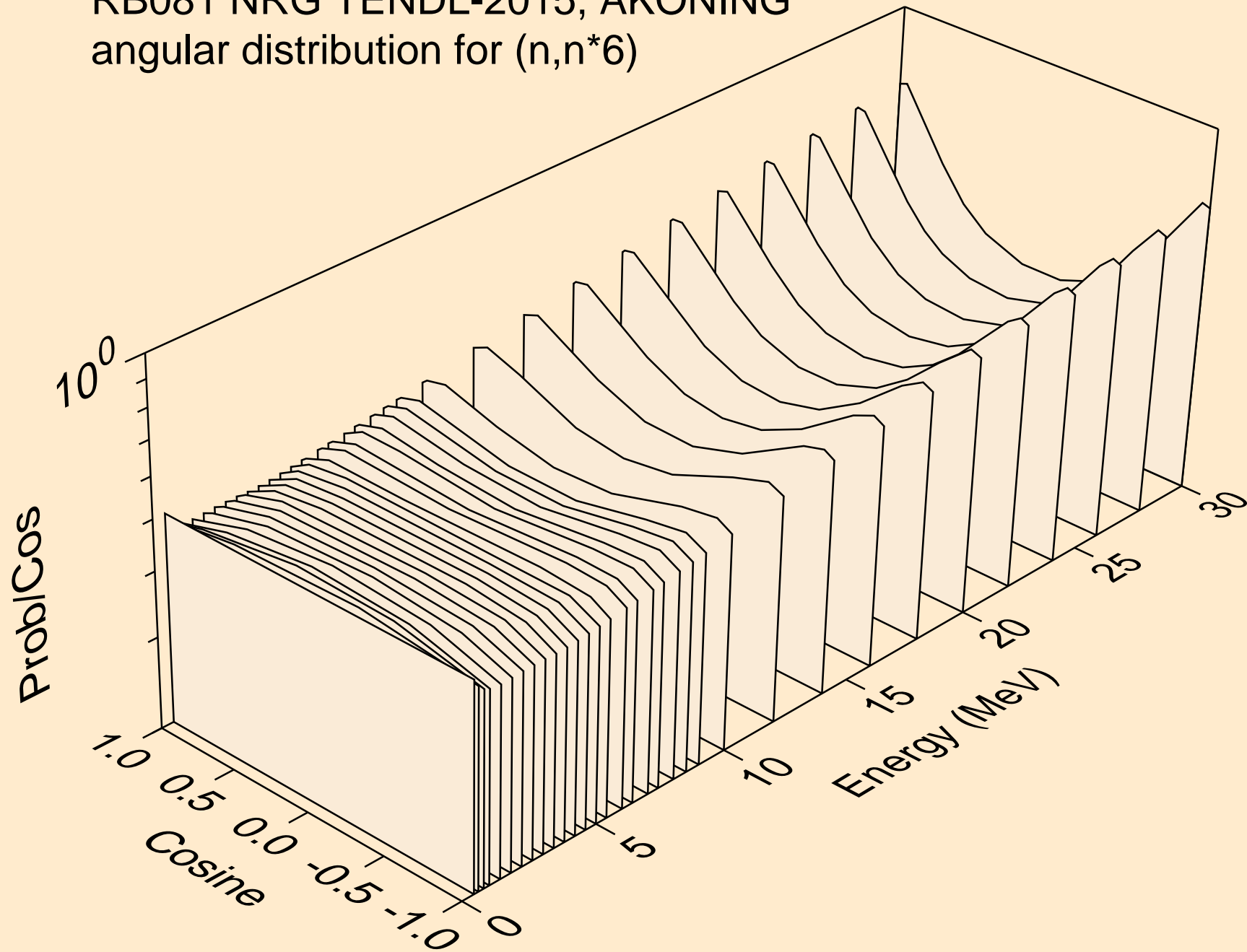


RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

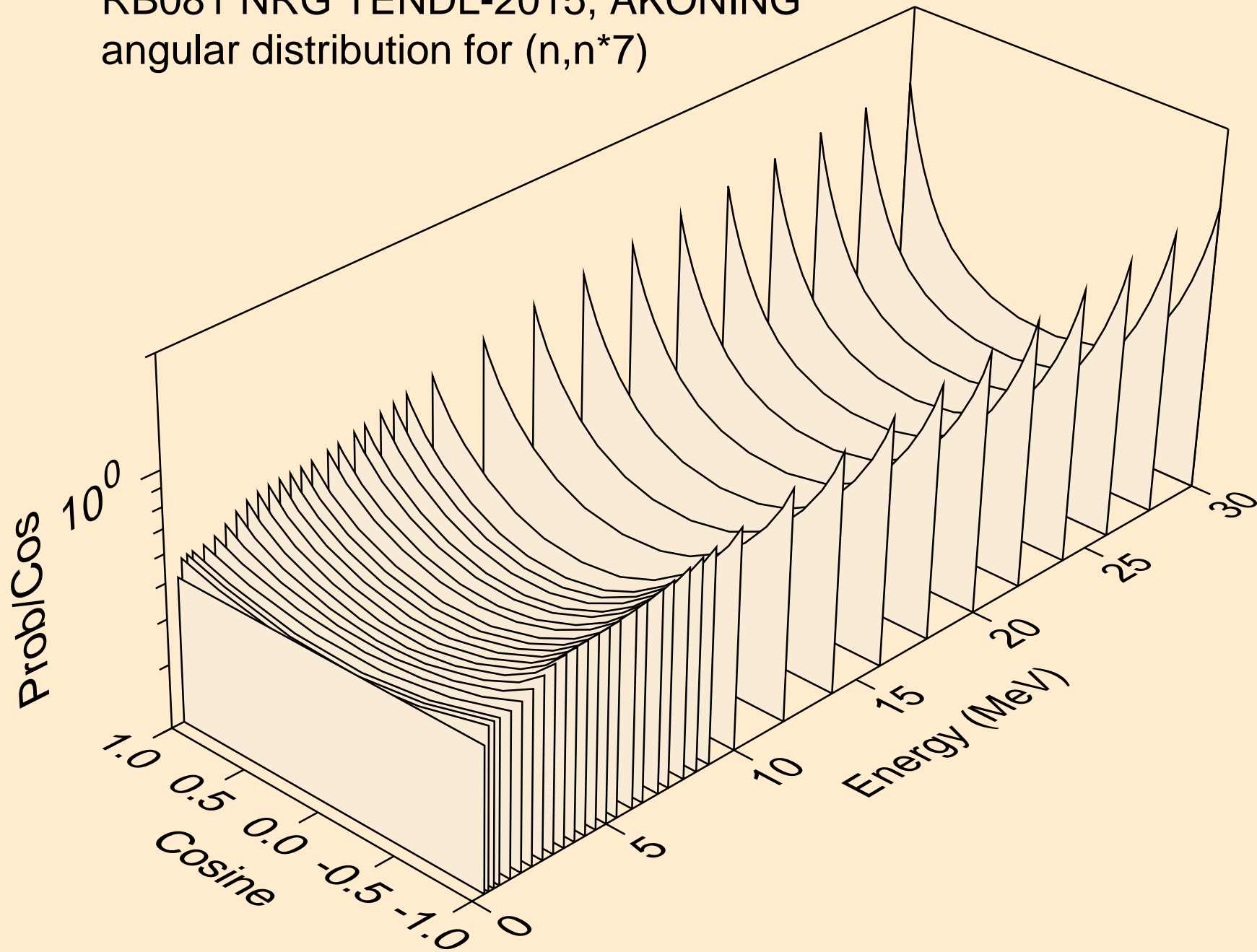




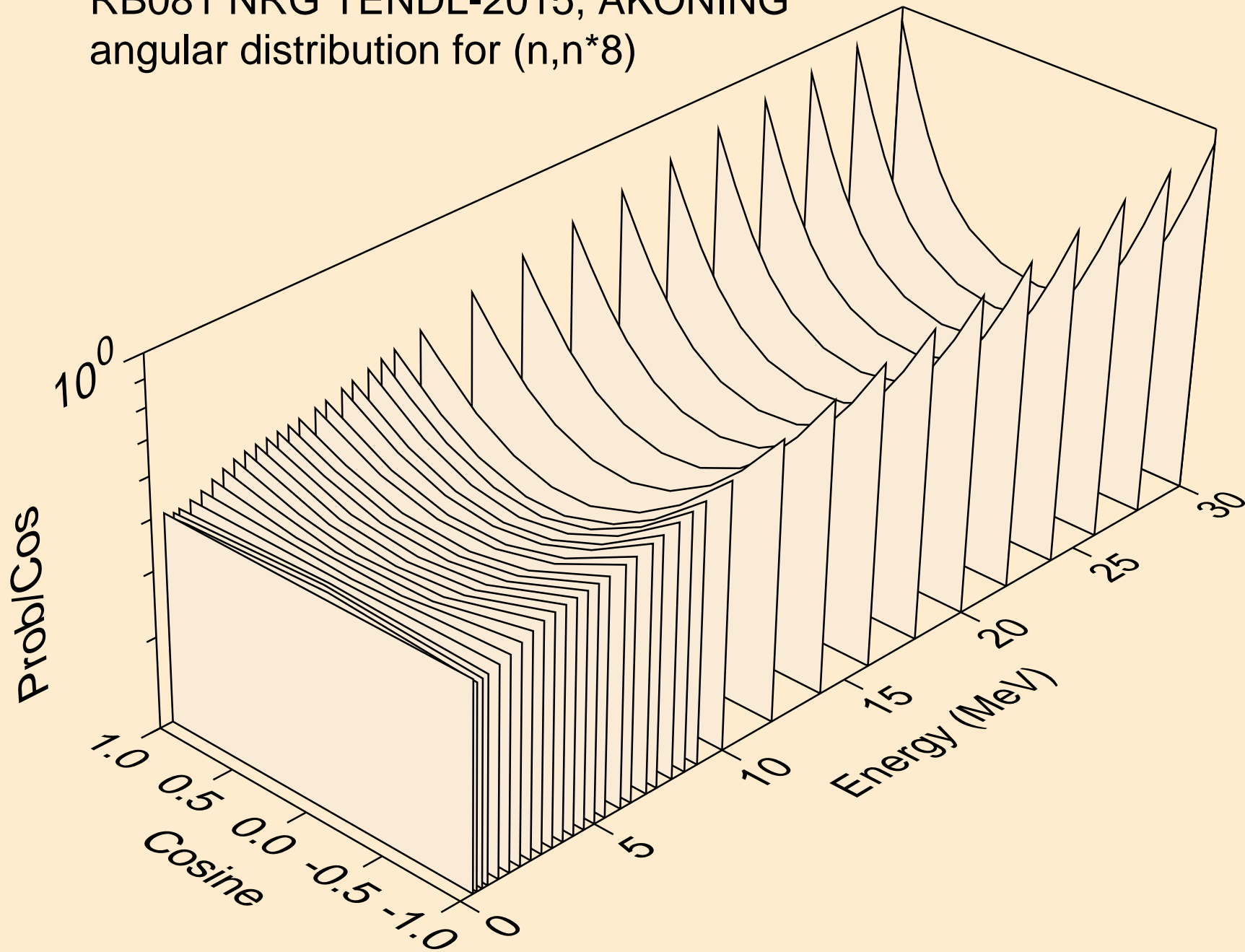
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angular distribution for (n,n\*6)



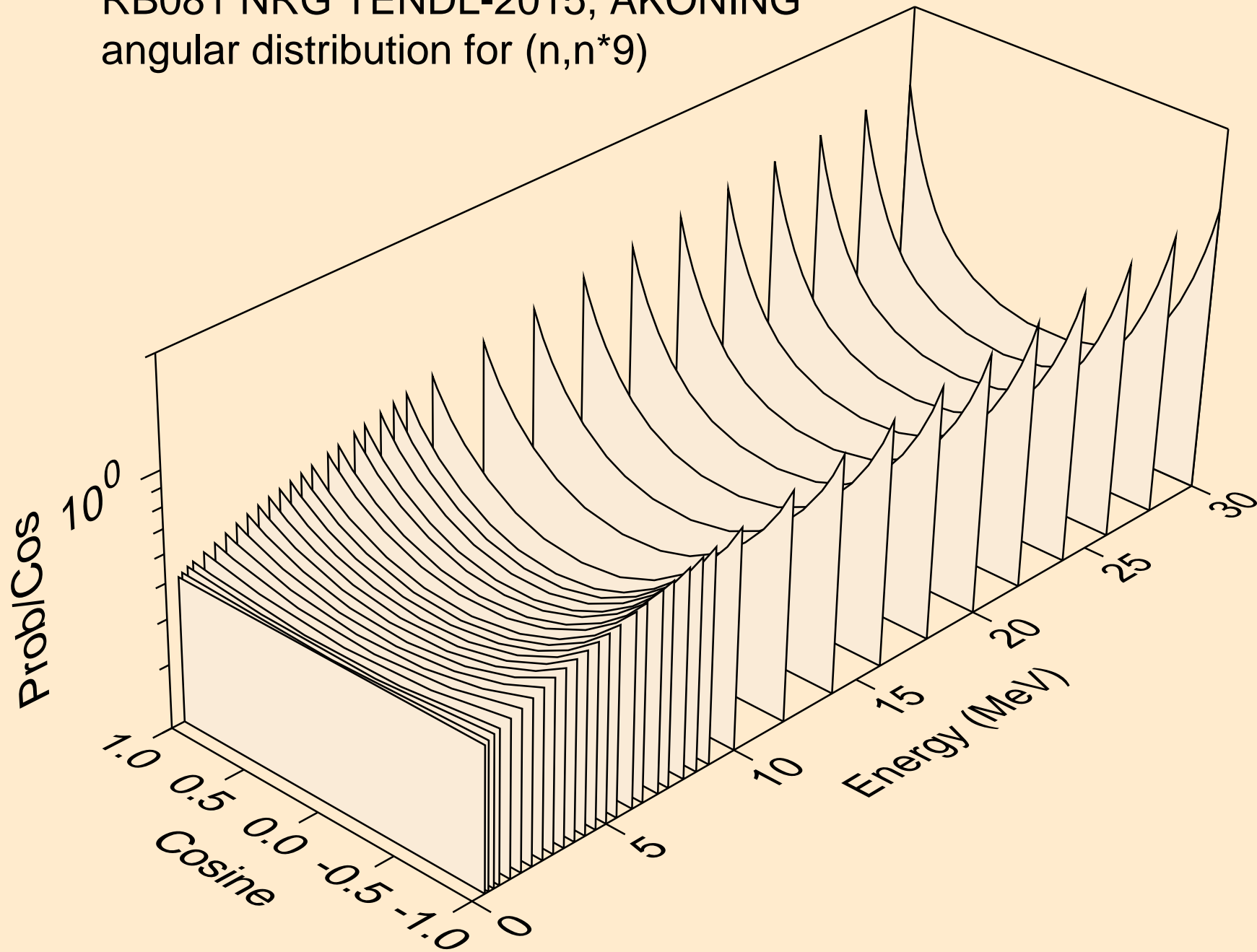
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angular distribution for (n,n\*7)



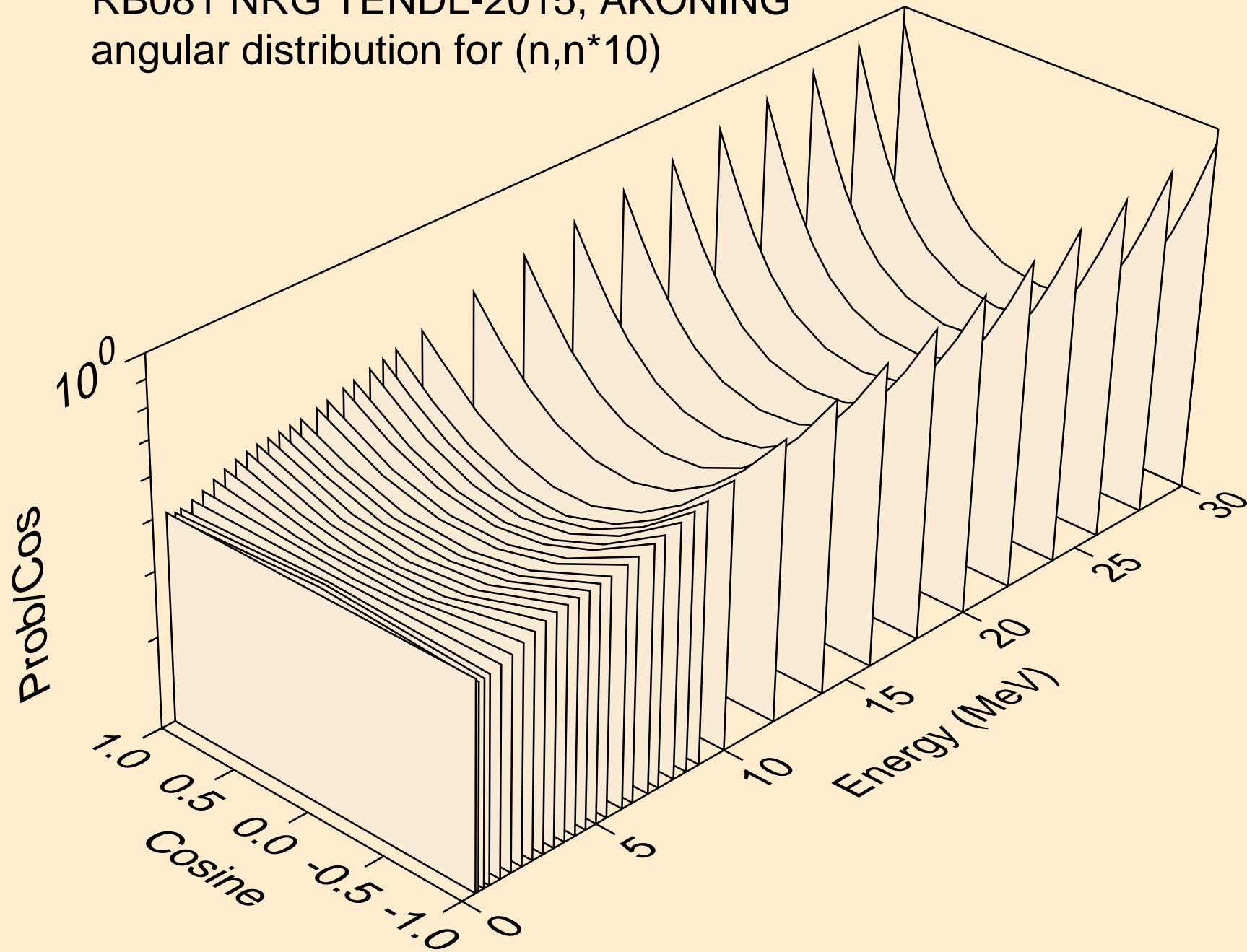
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



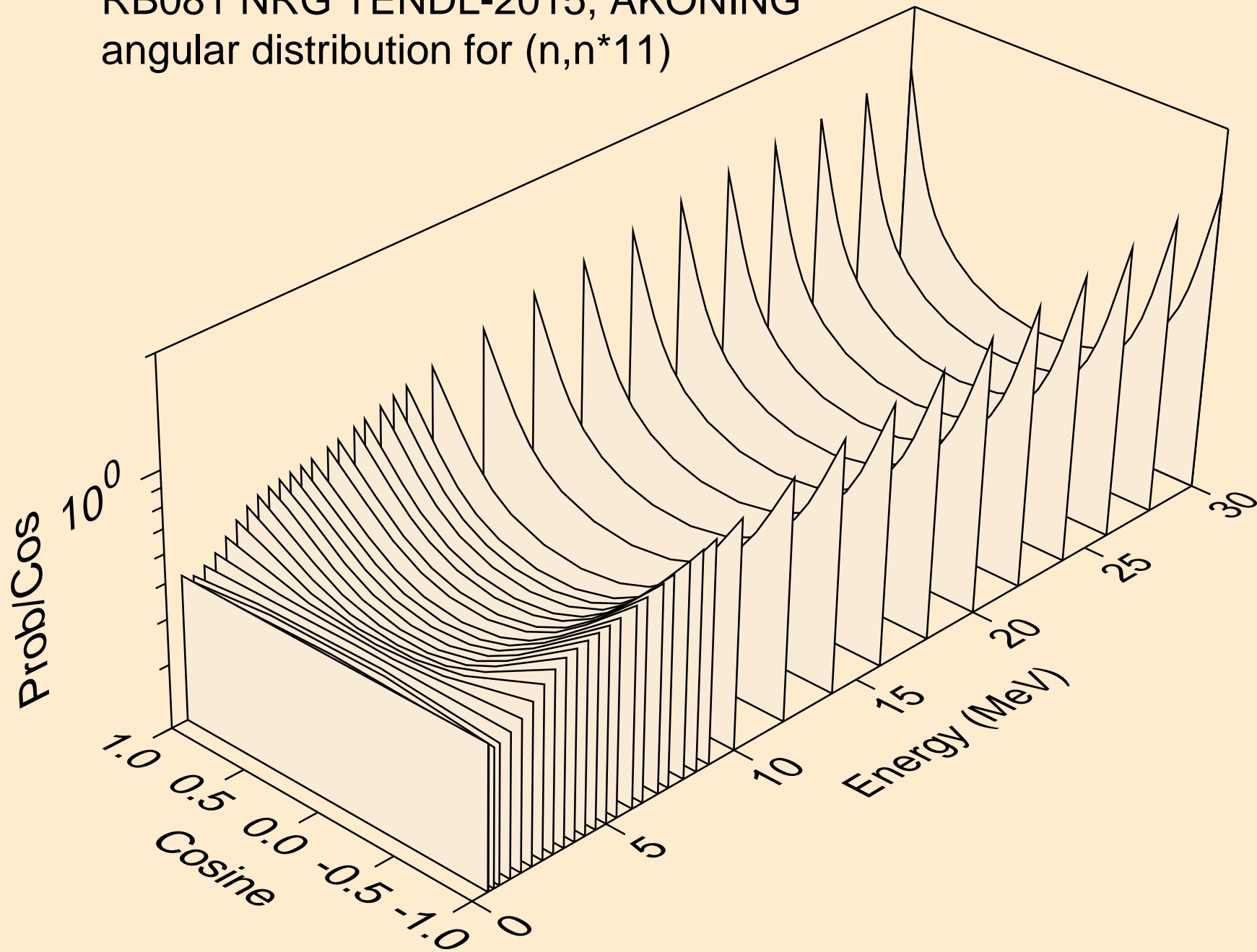
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



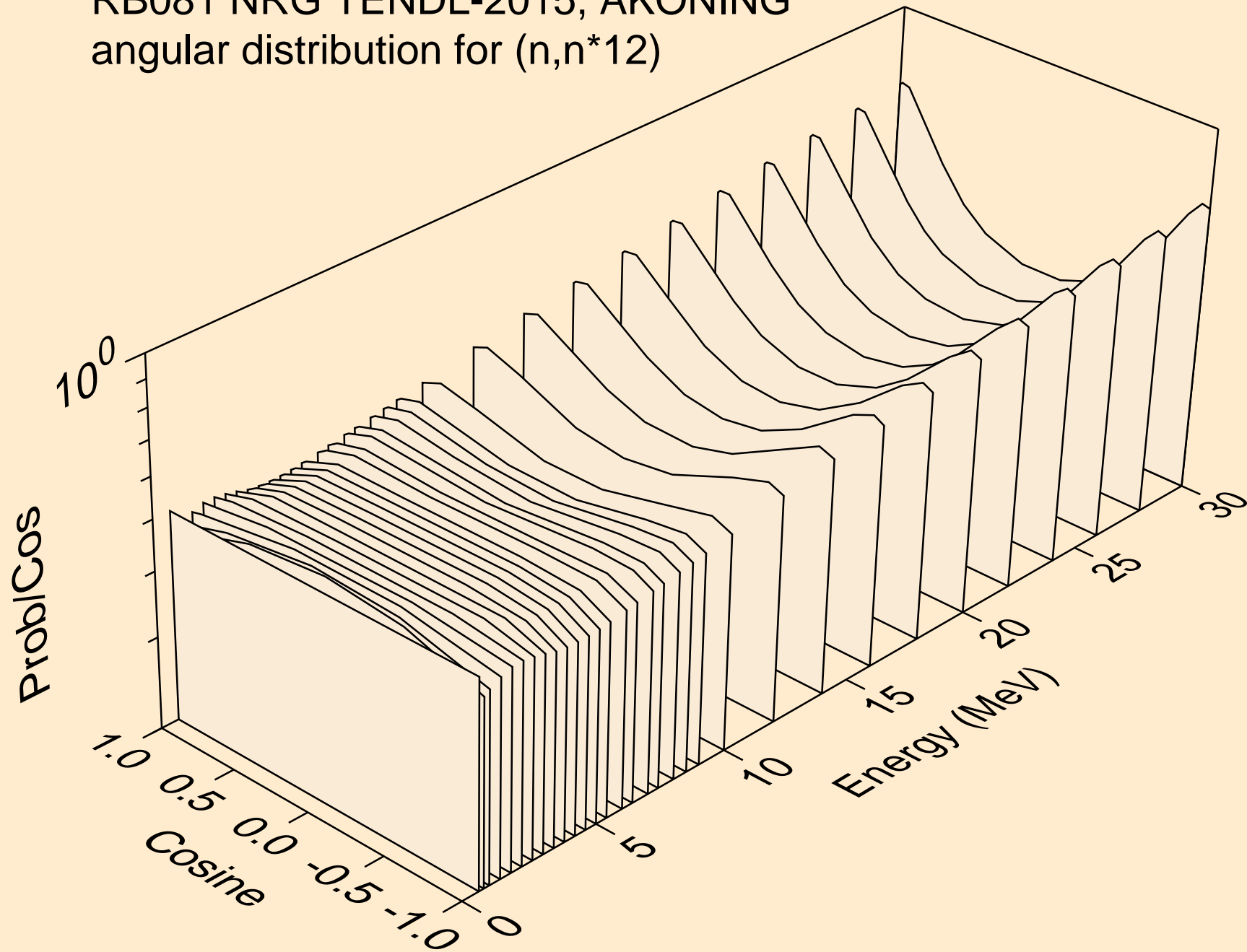
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



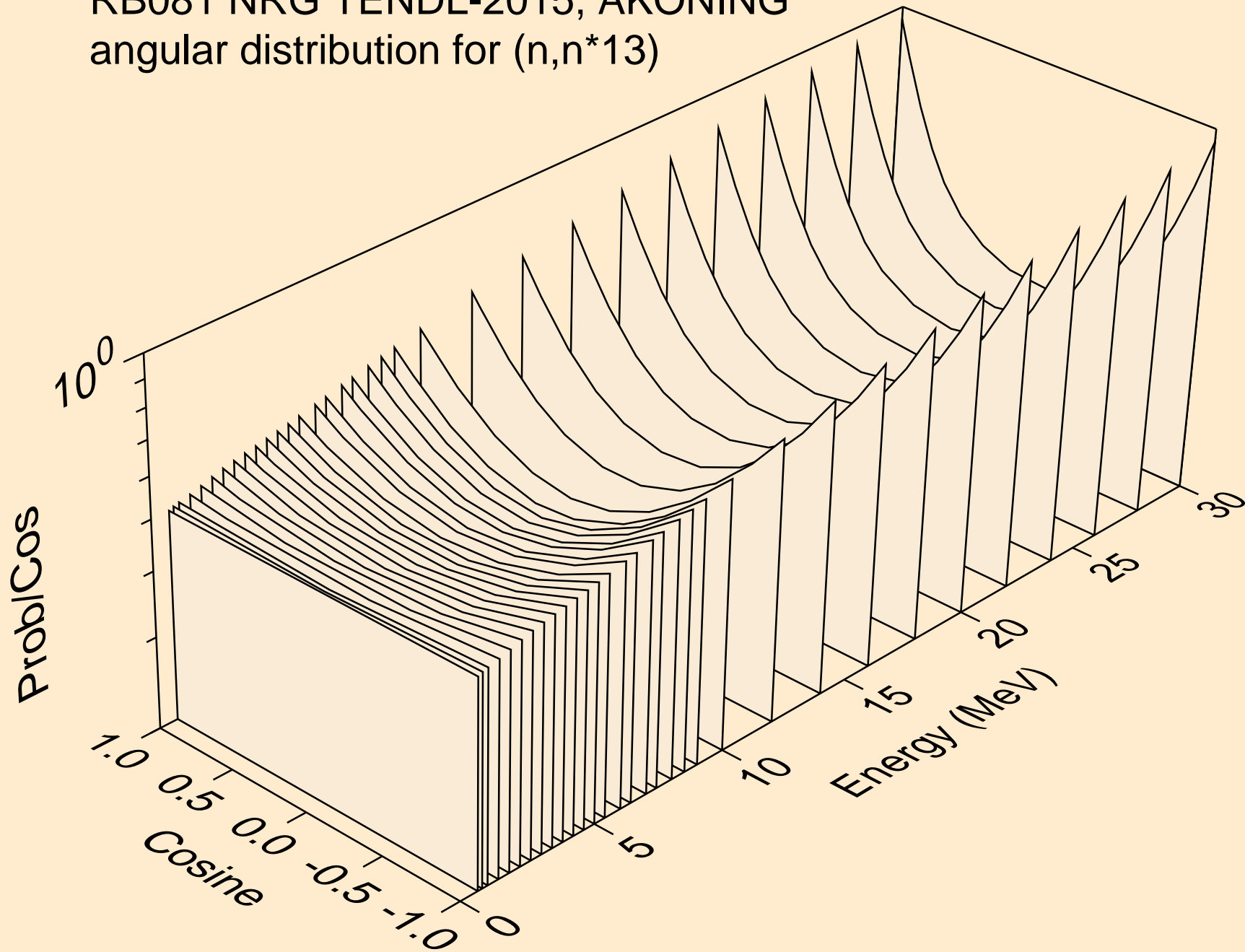
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

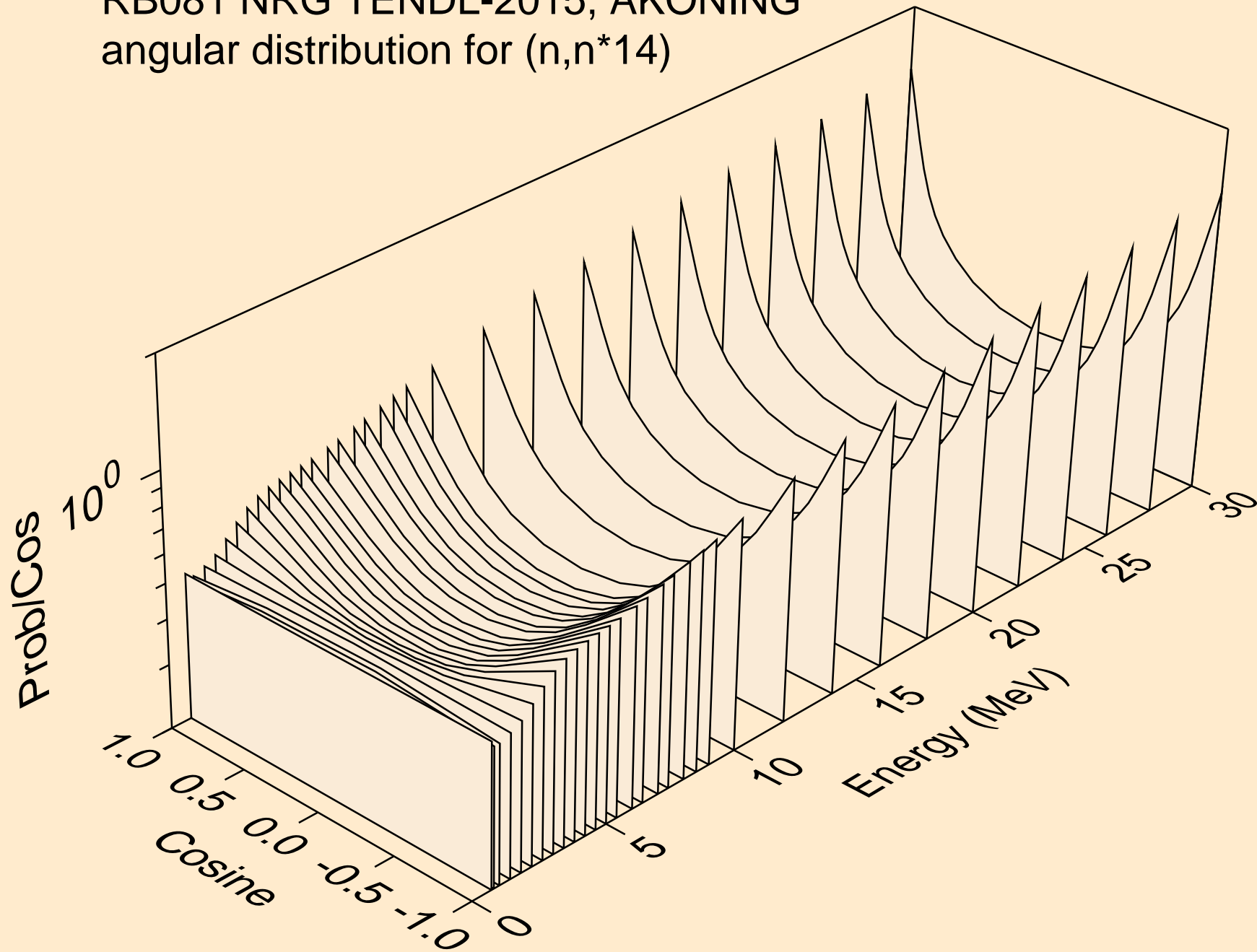


RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

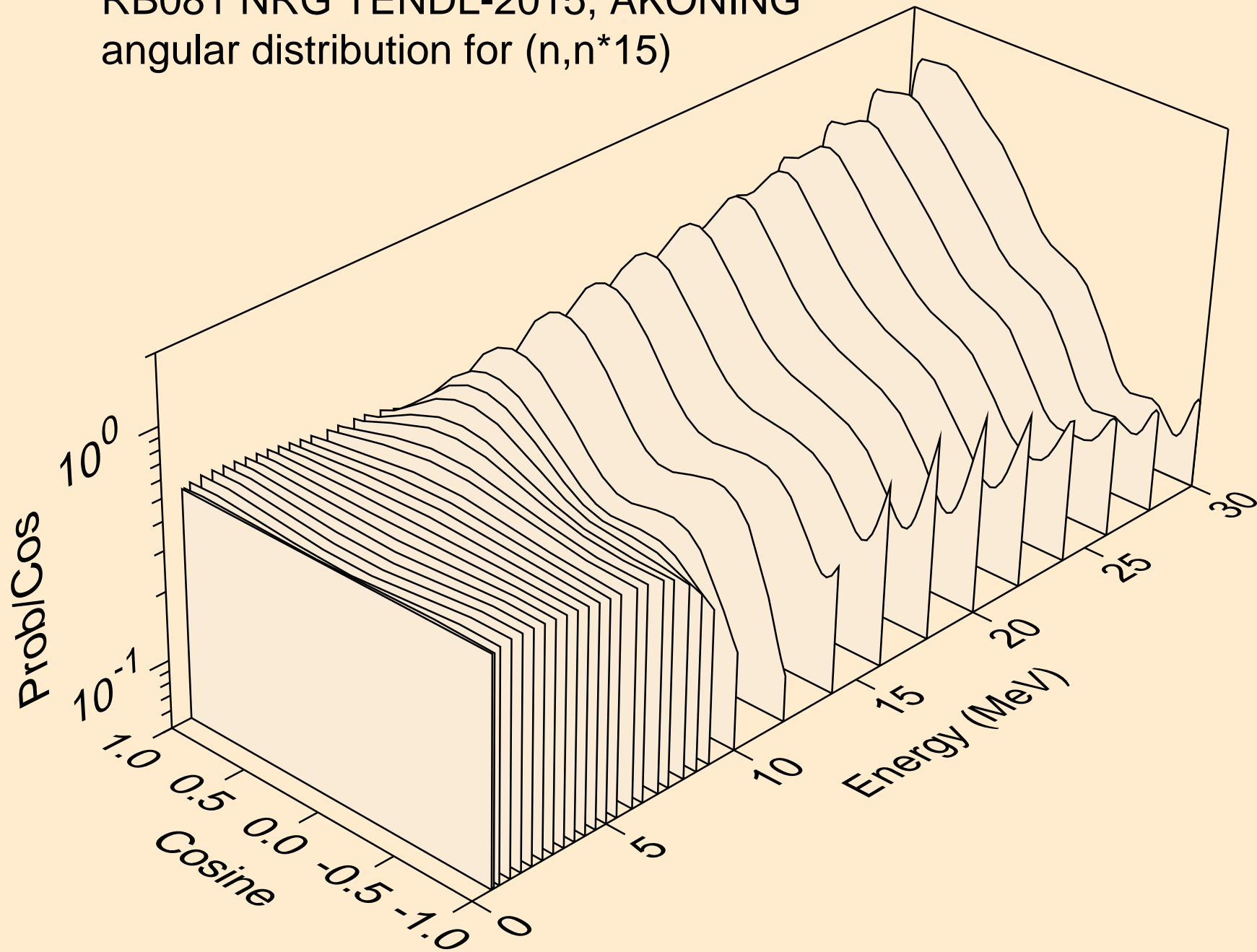




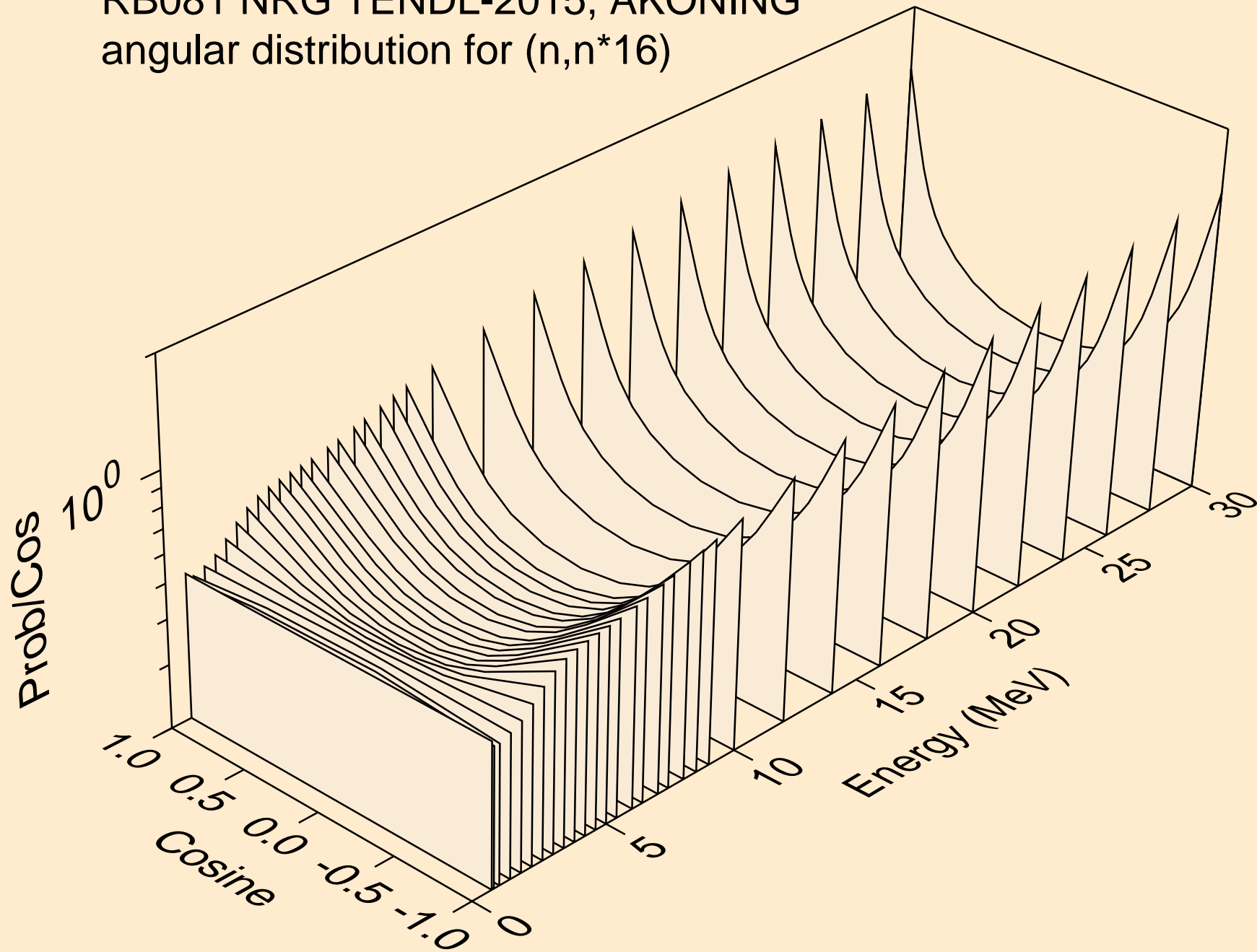
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angular distribution for (n,n\*14)



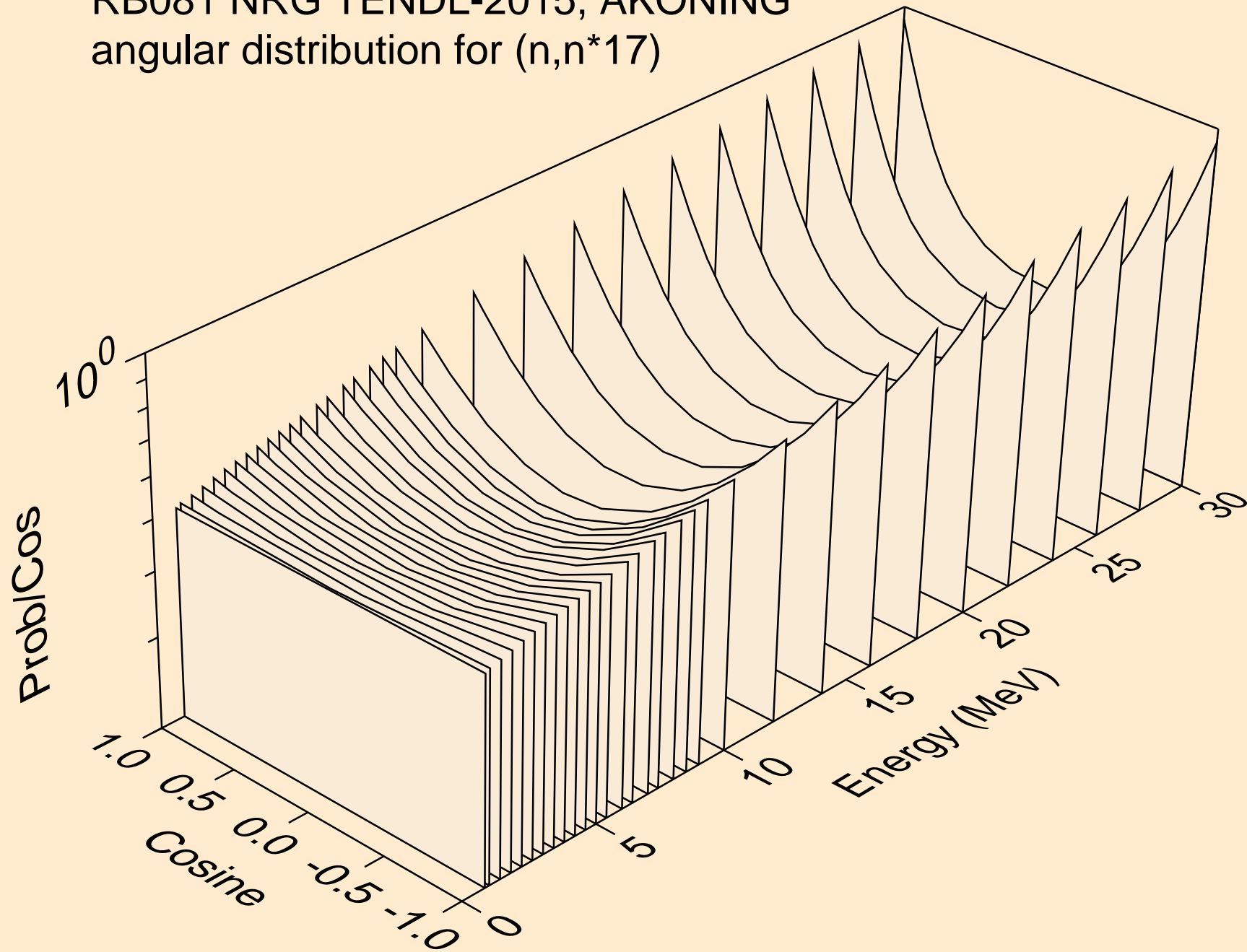
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



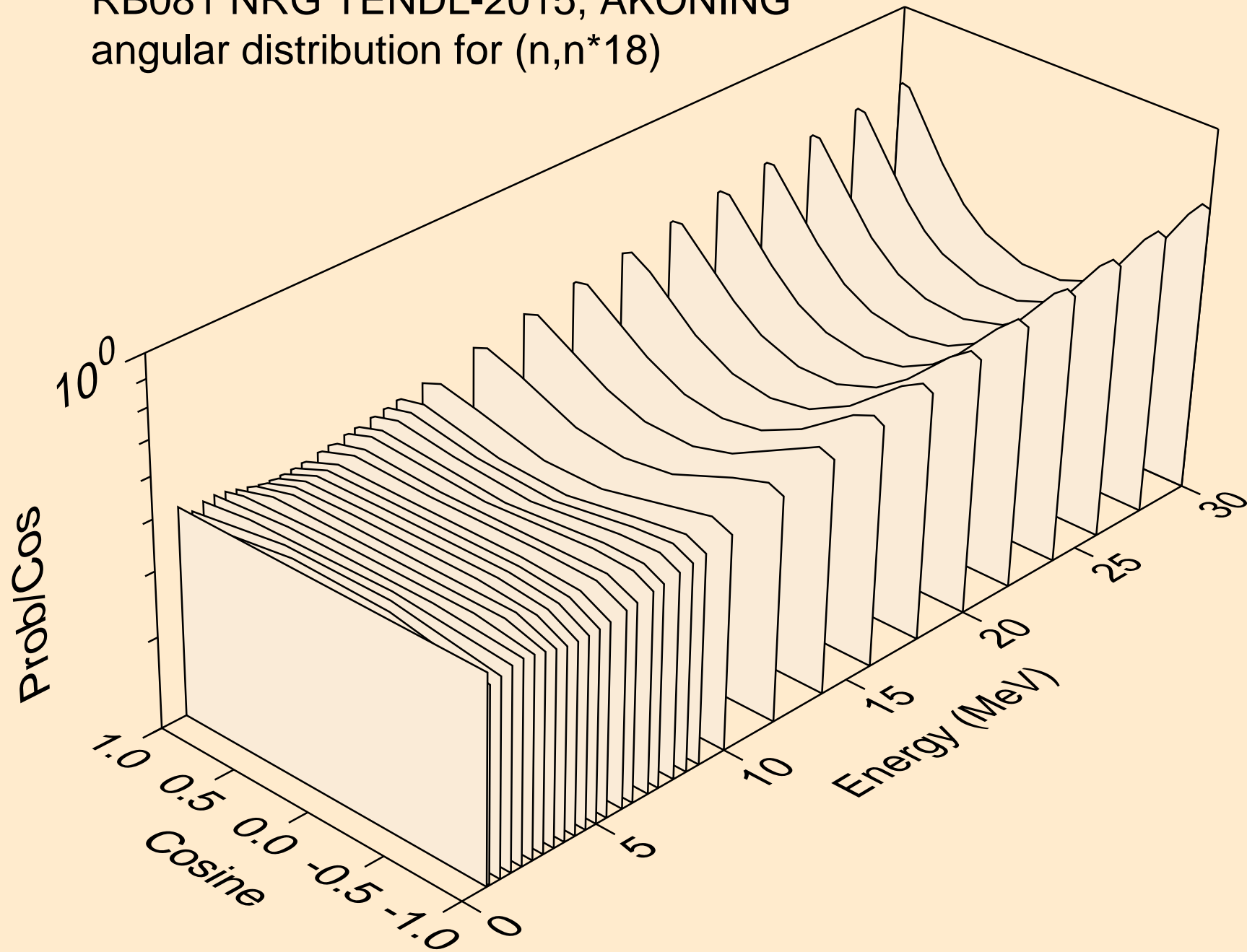
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



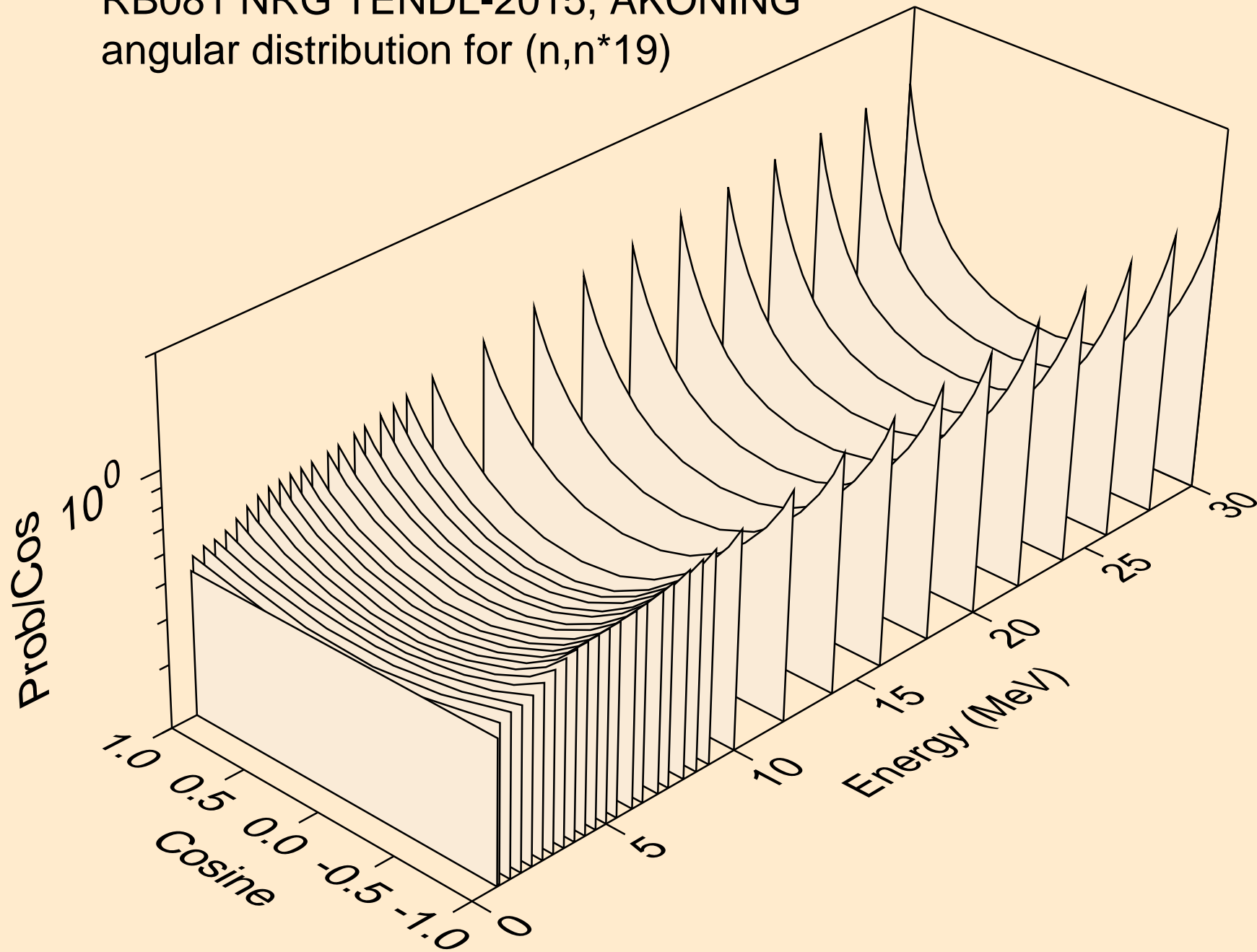
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



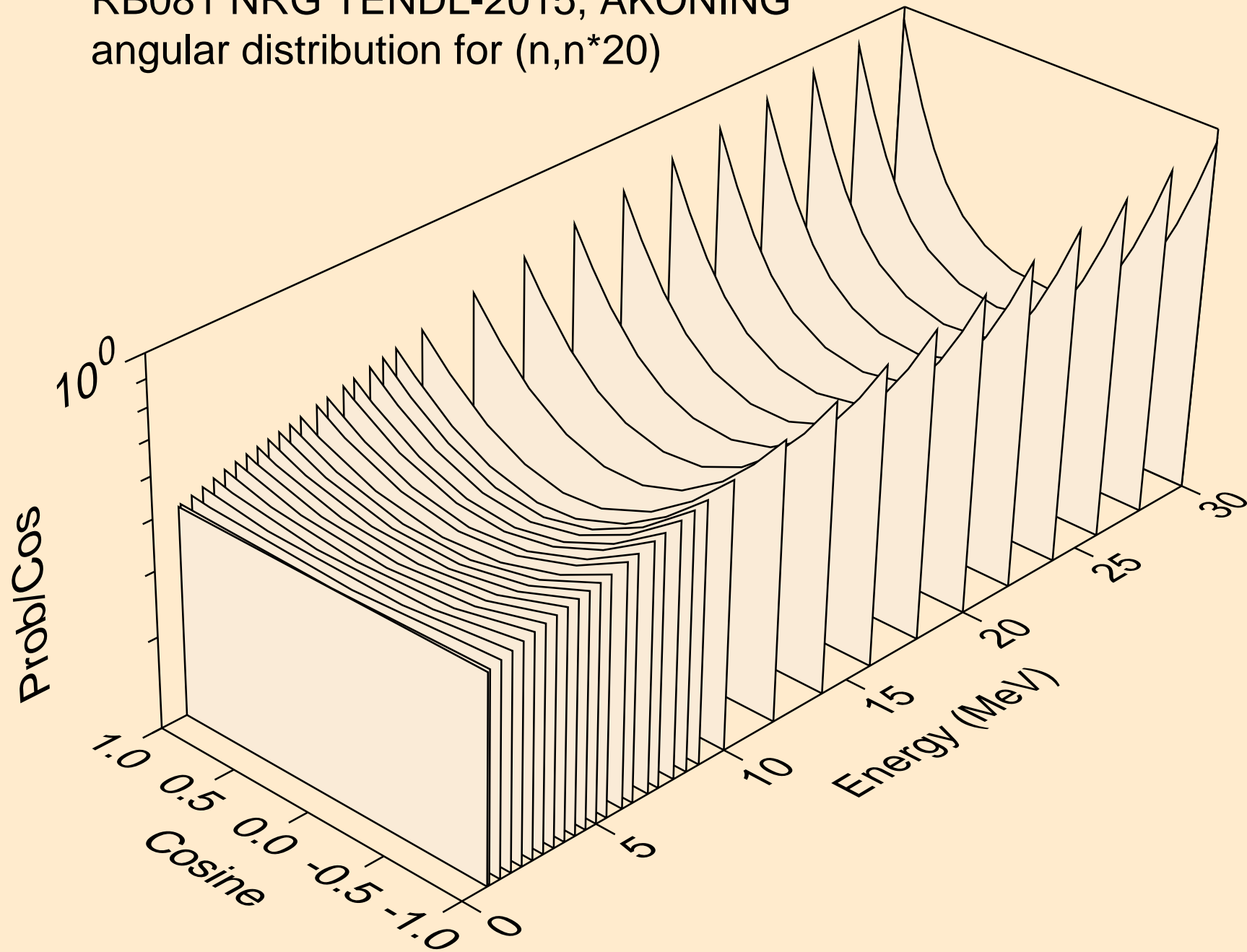
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angular distribution for (n,n\*18)



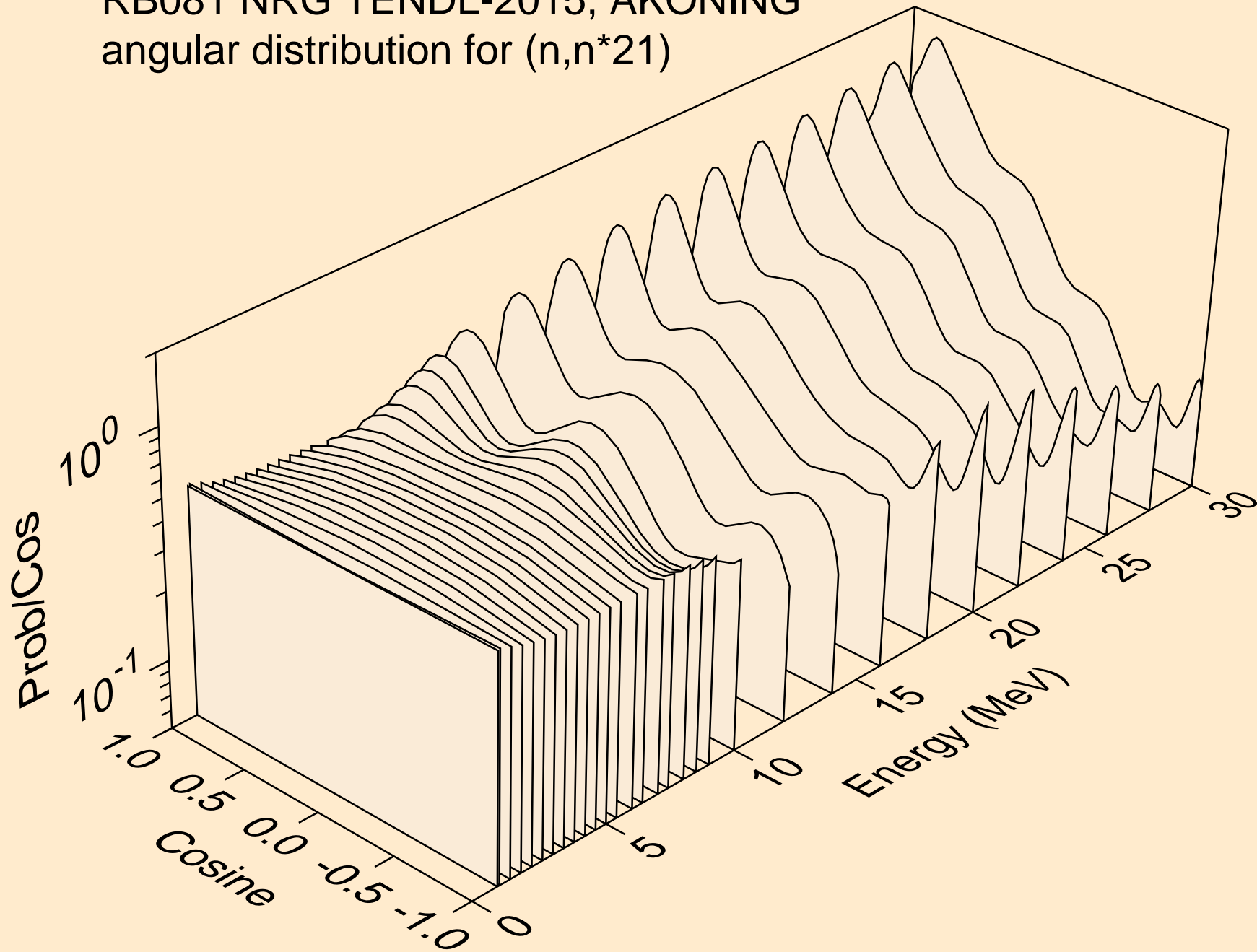
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

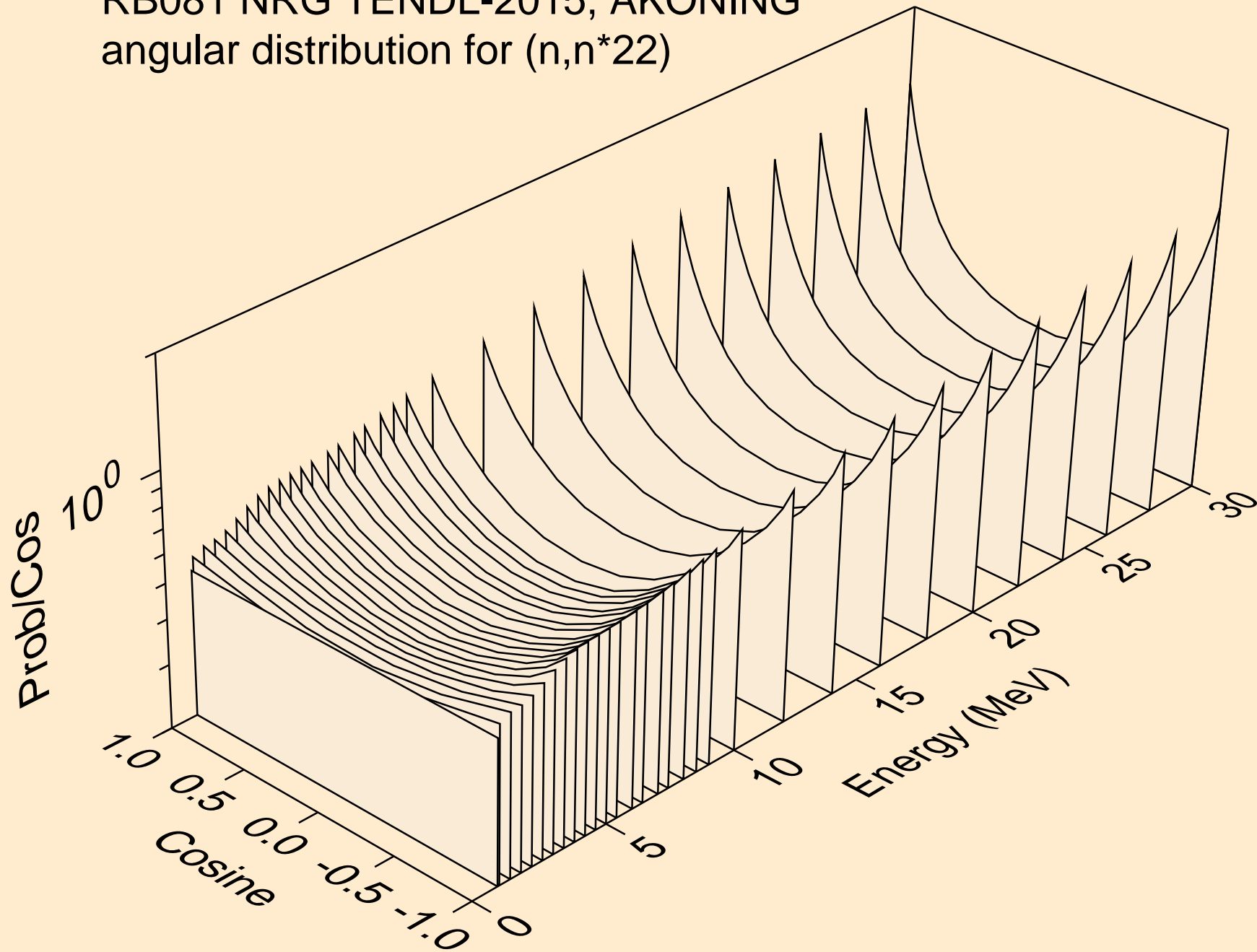


RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

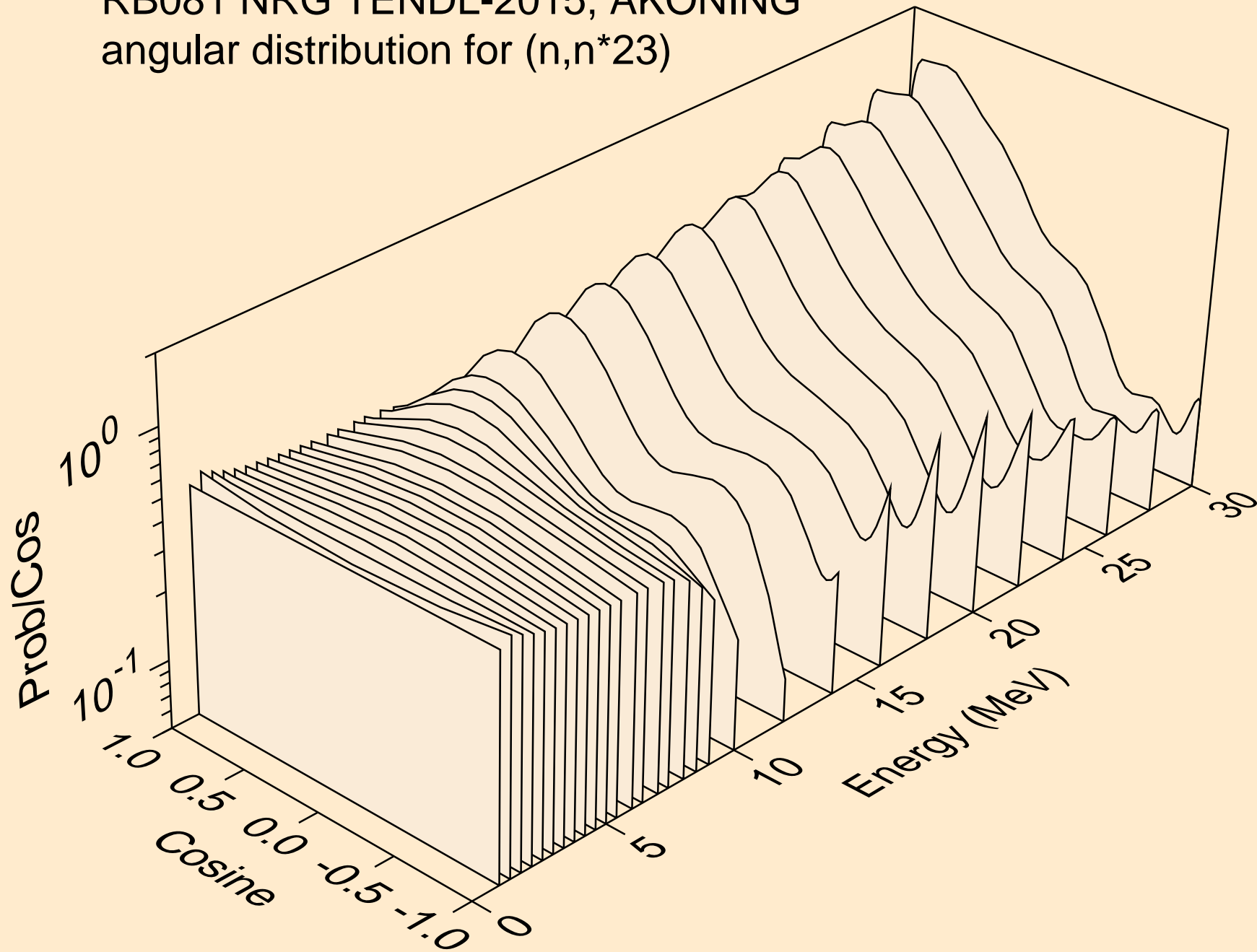




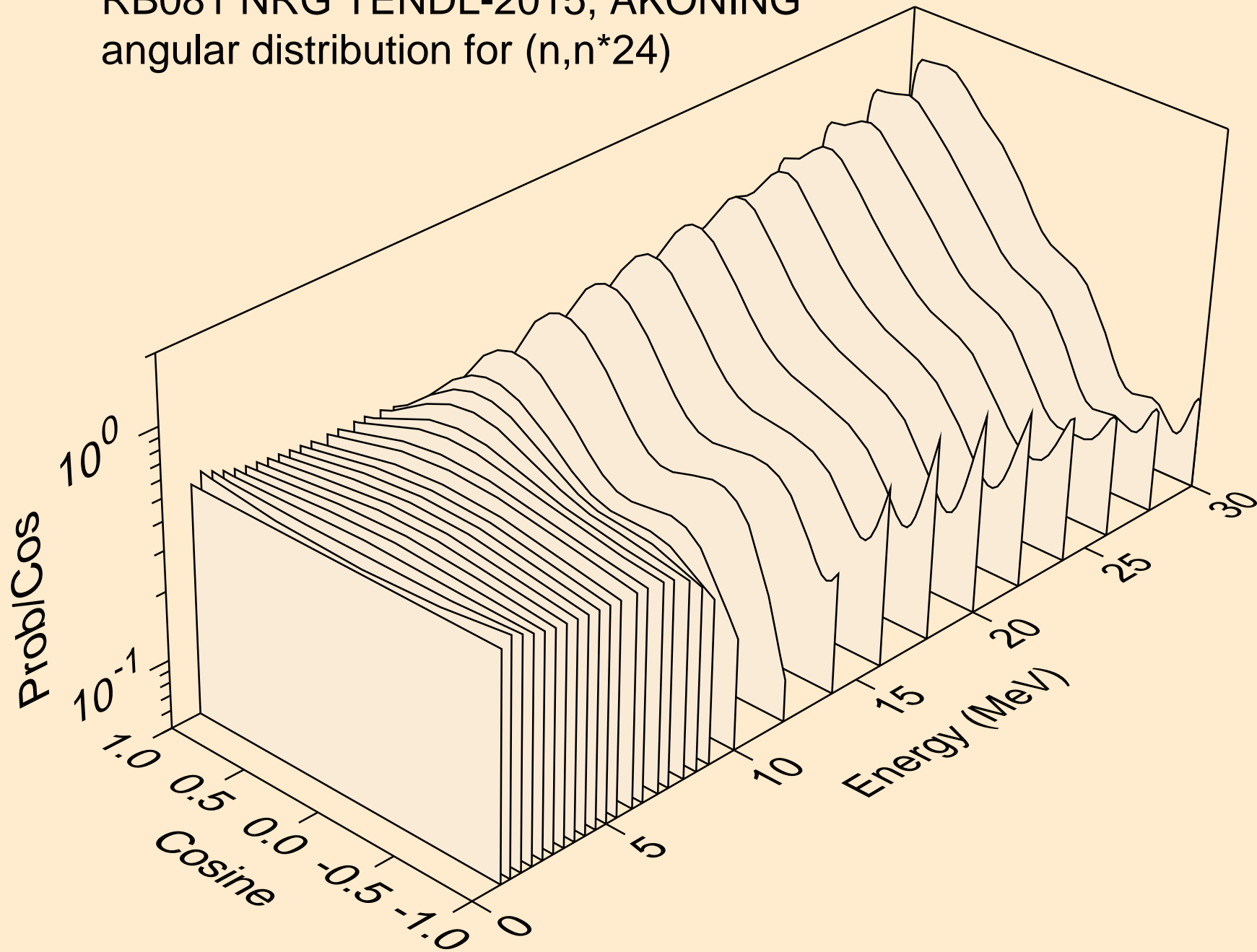
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angular distribution for (n,n\*22)



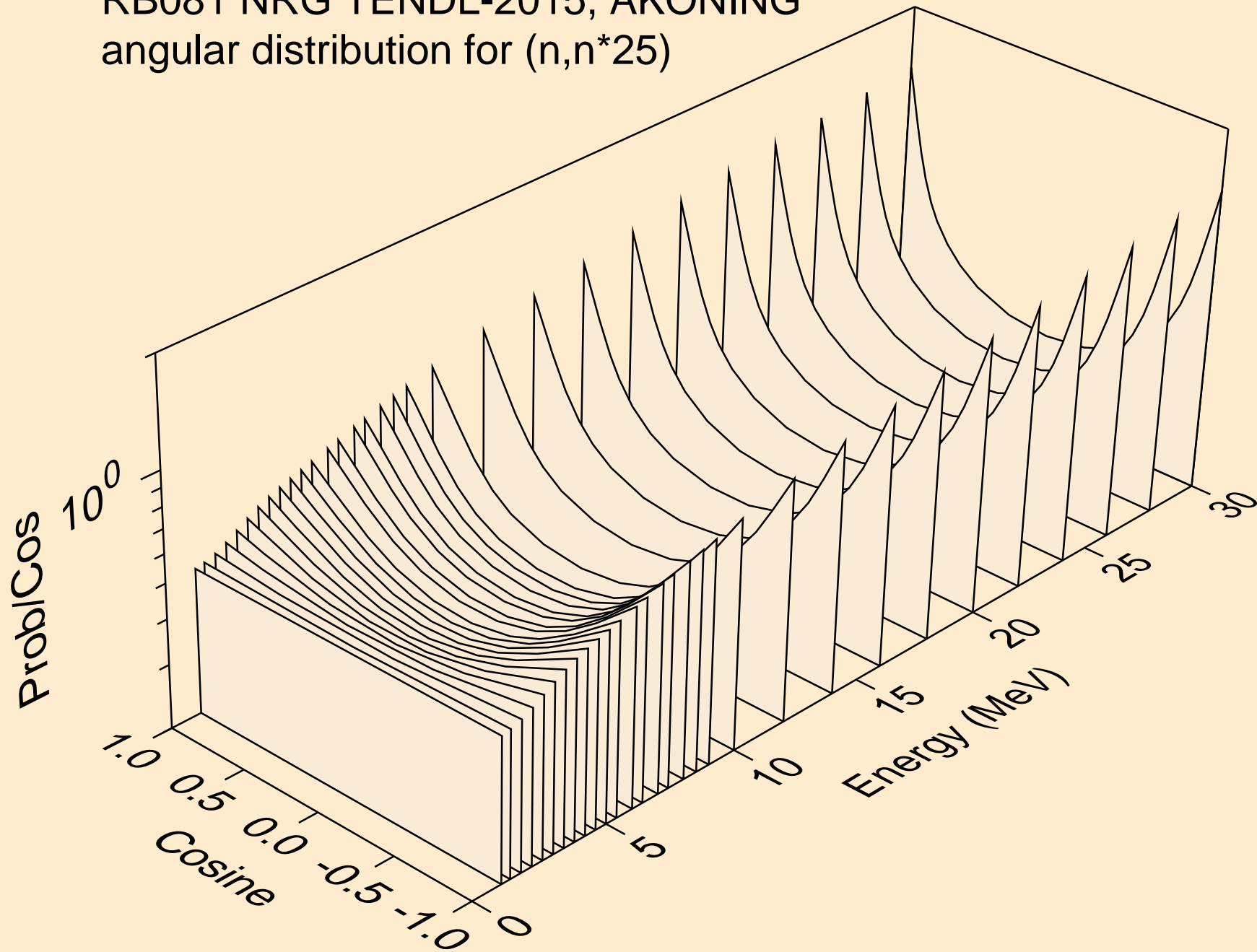
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



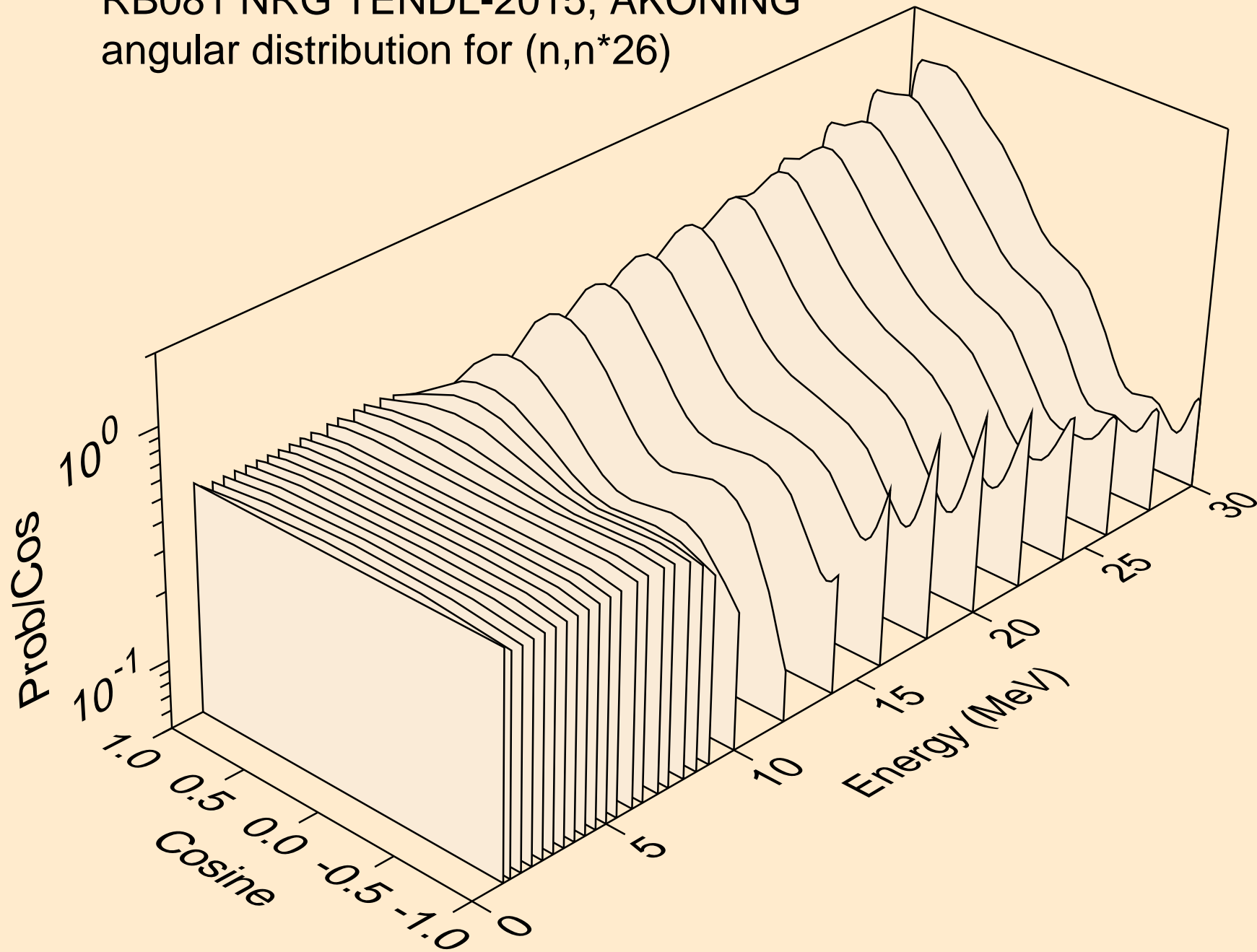
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



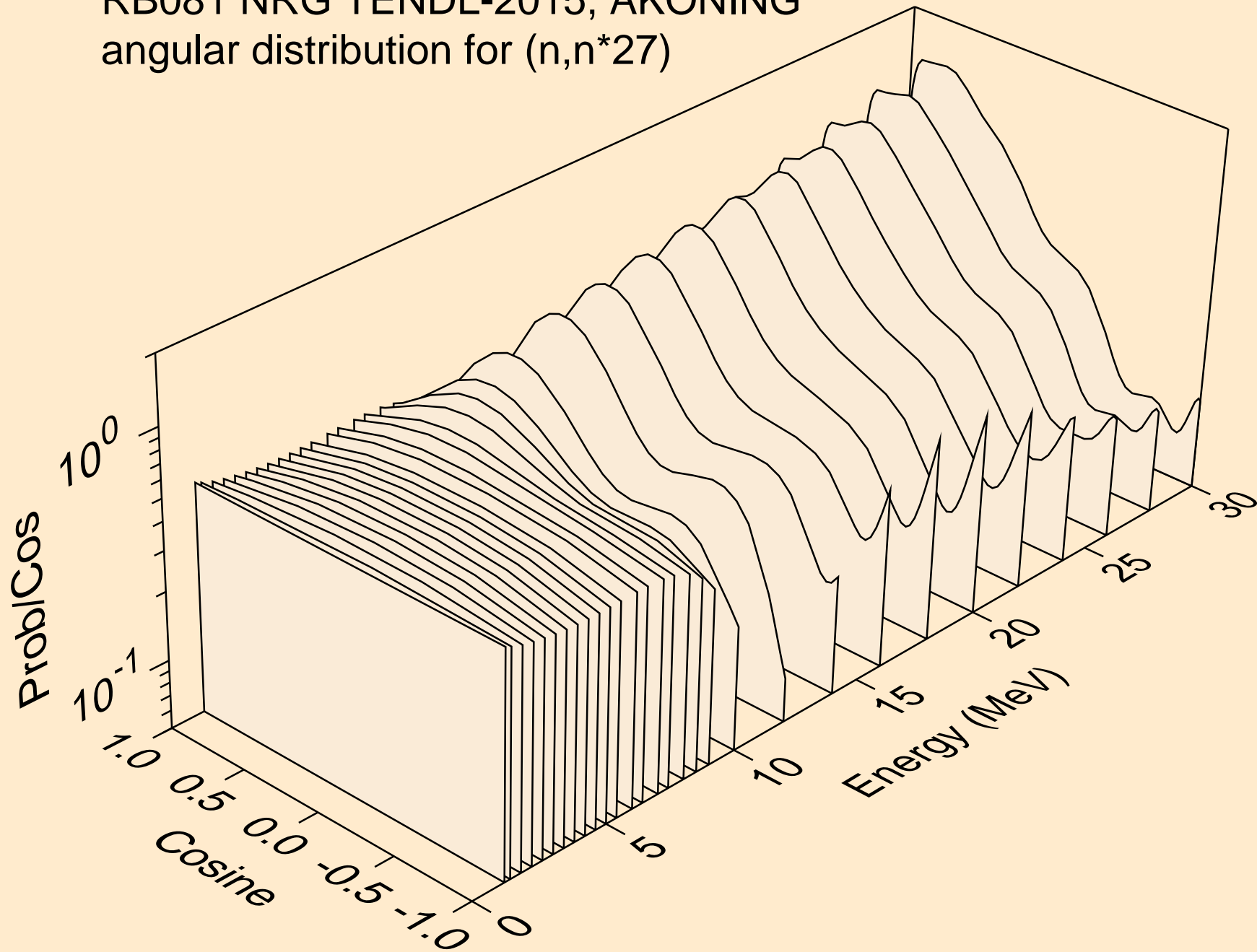
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



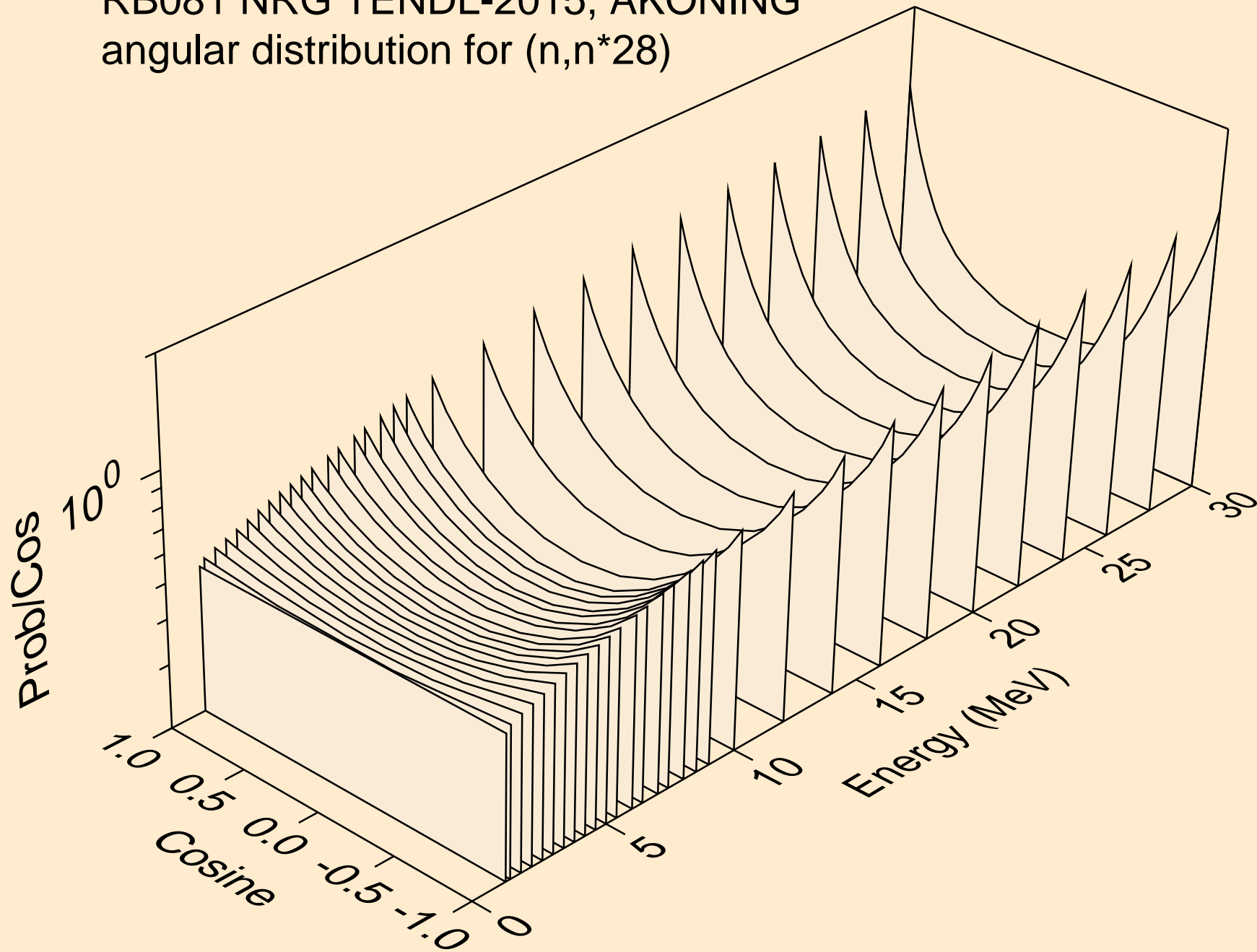
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angular distribution for (n,n\*26)



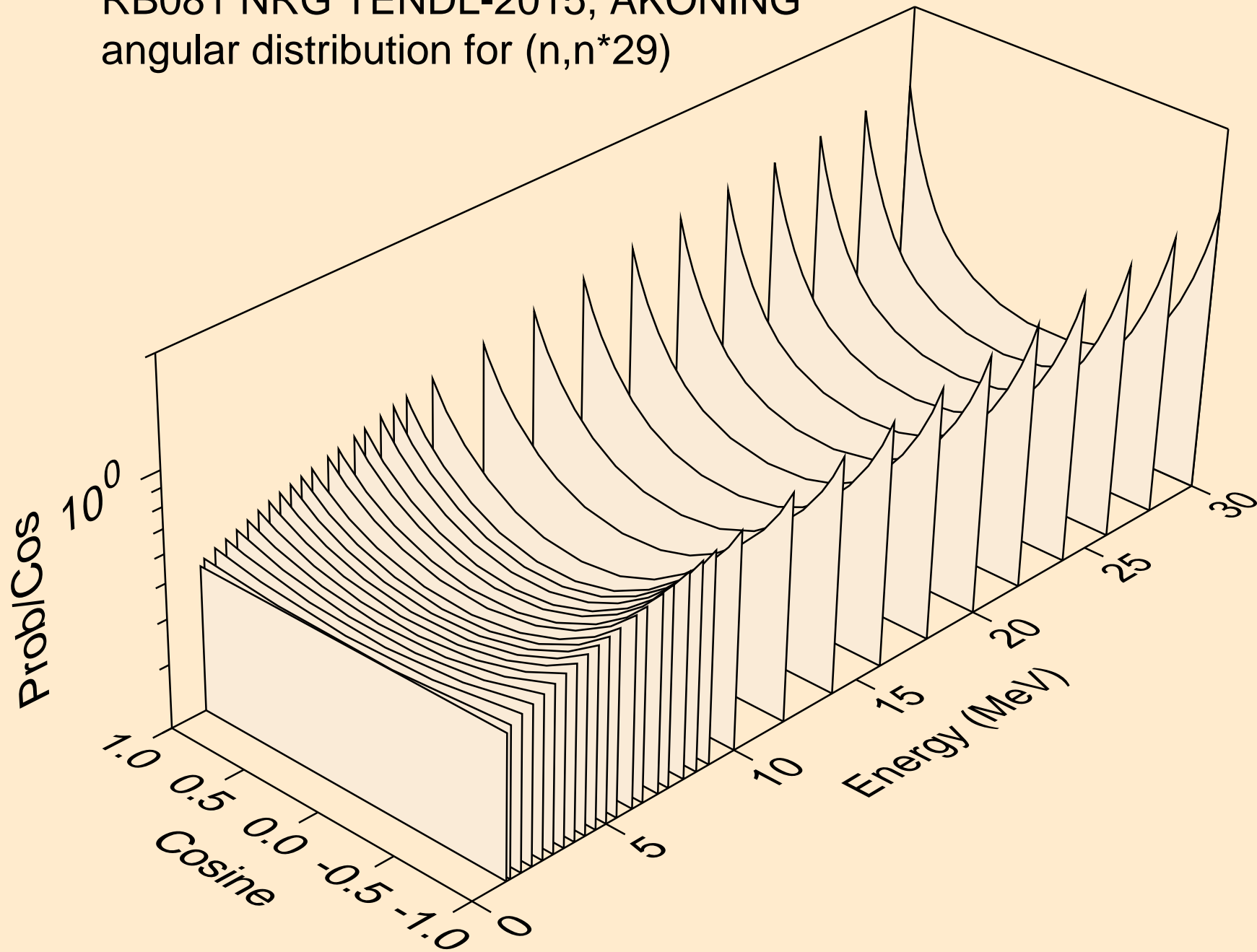
RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

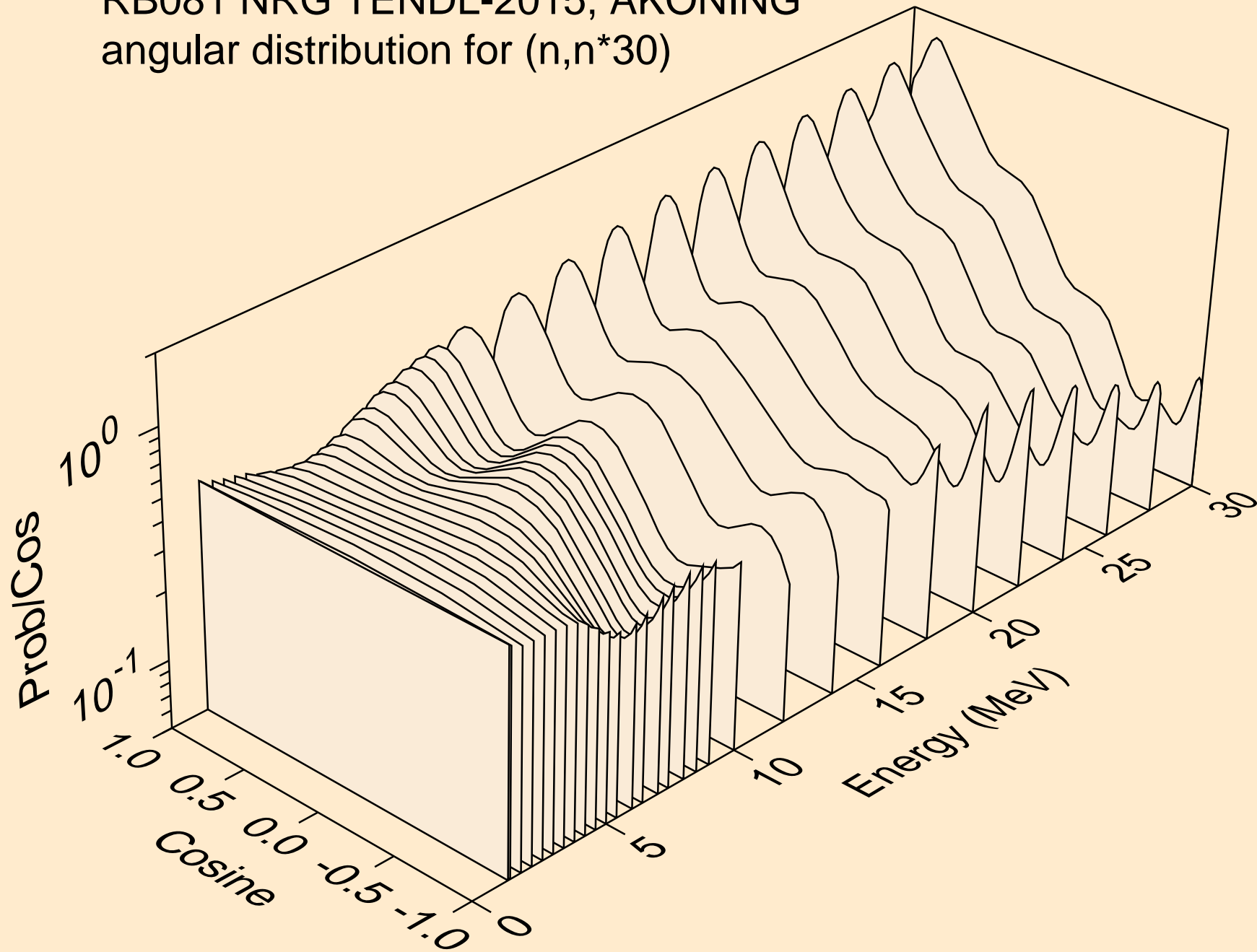


RB081 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

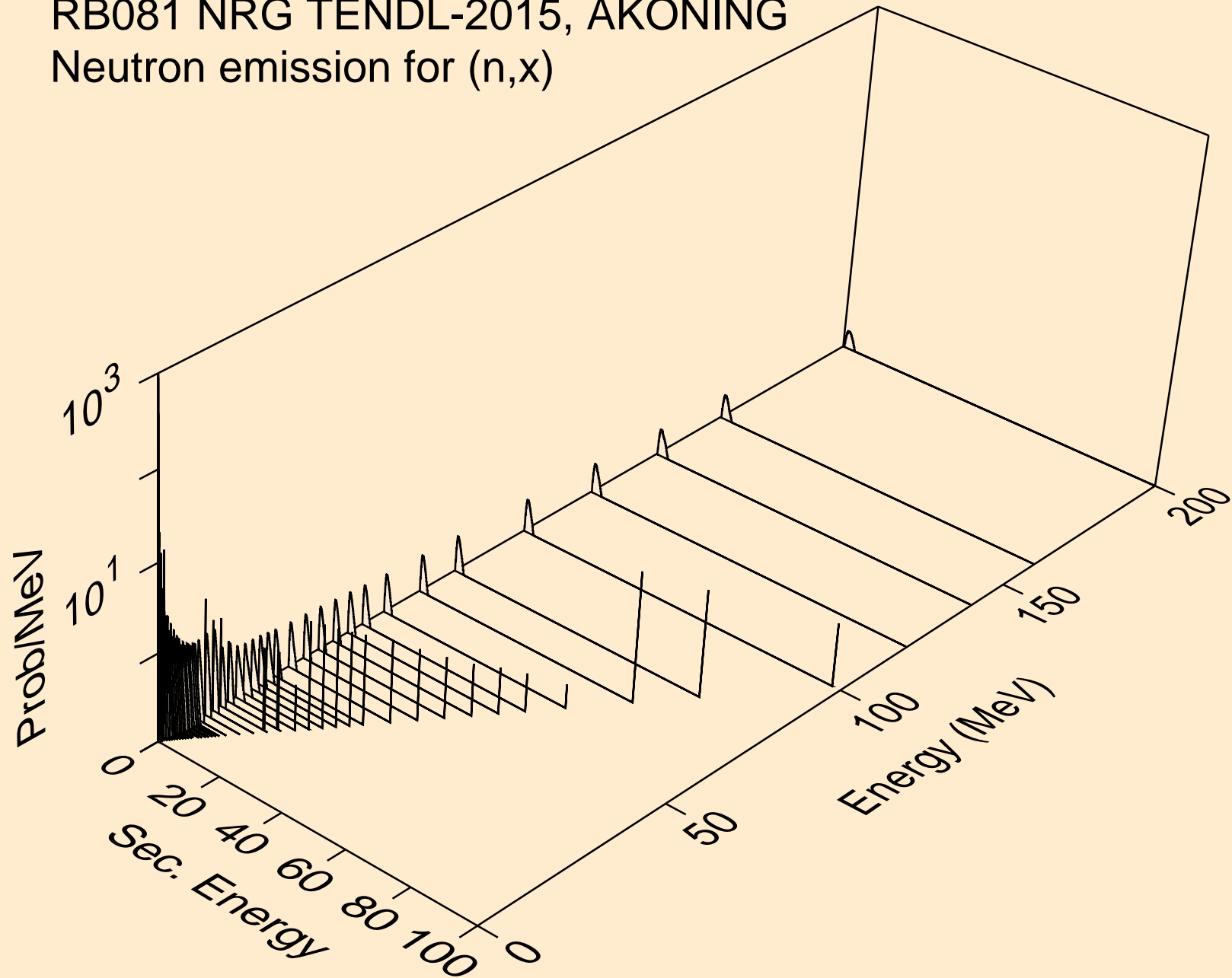




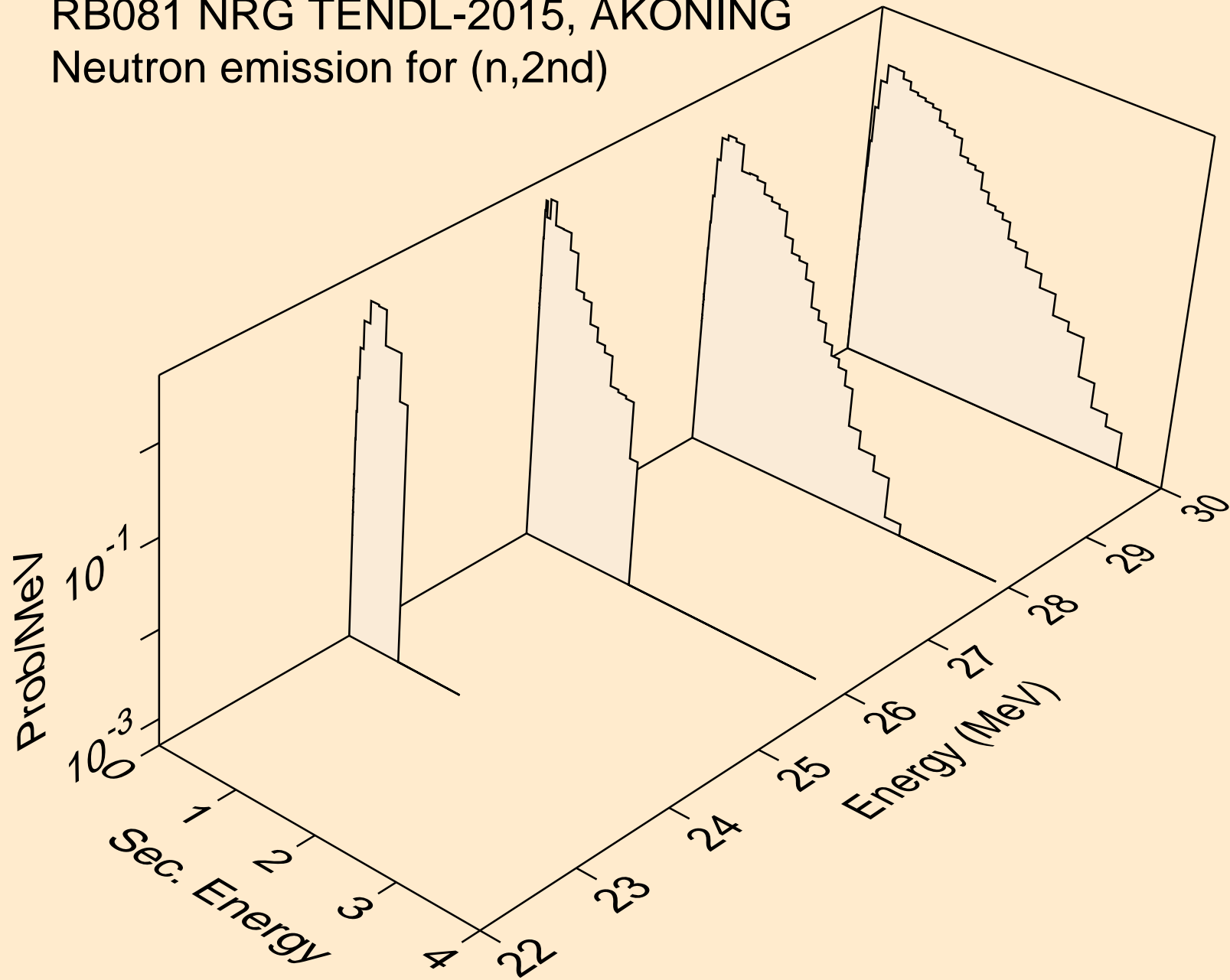
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angular distribution for (n,n\*30)



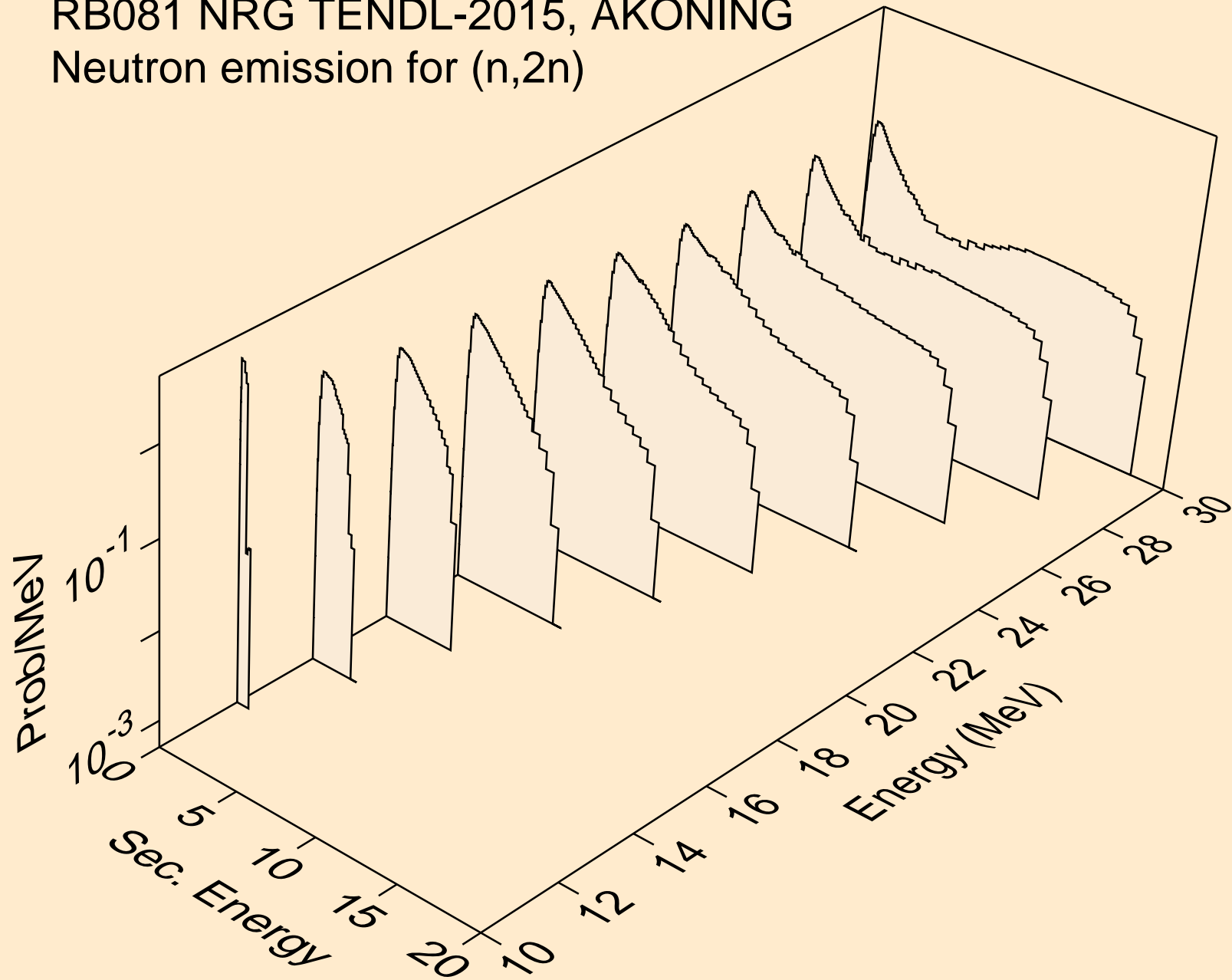
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



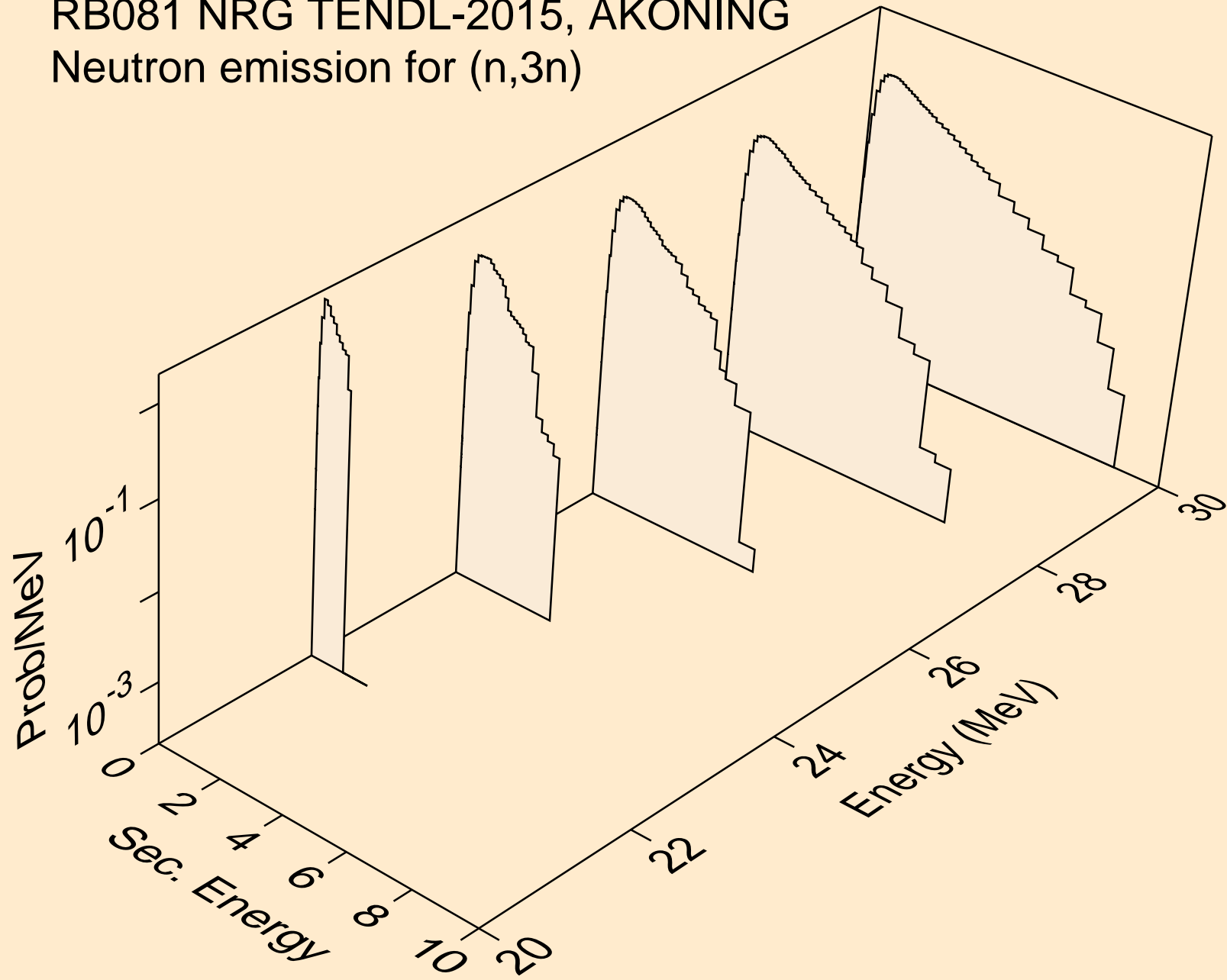
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



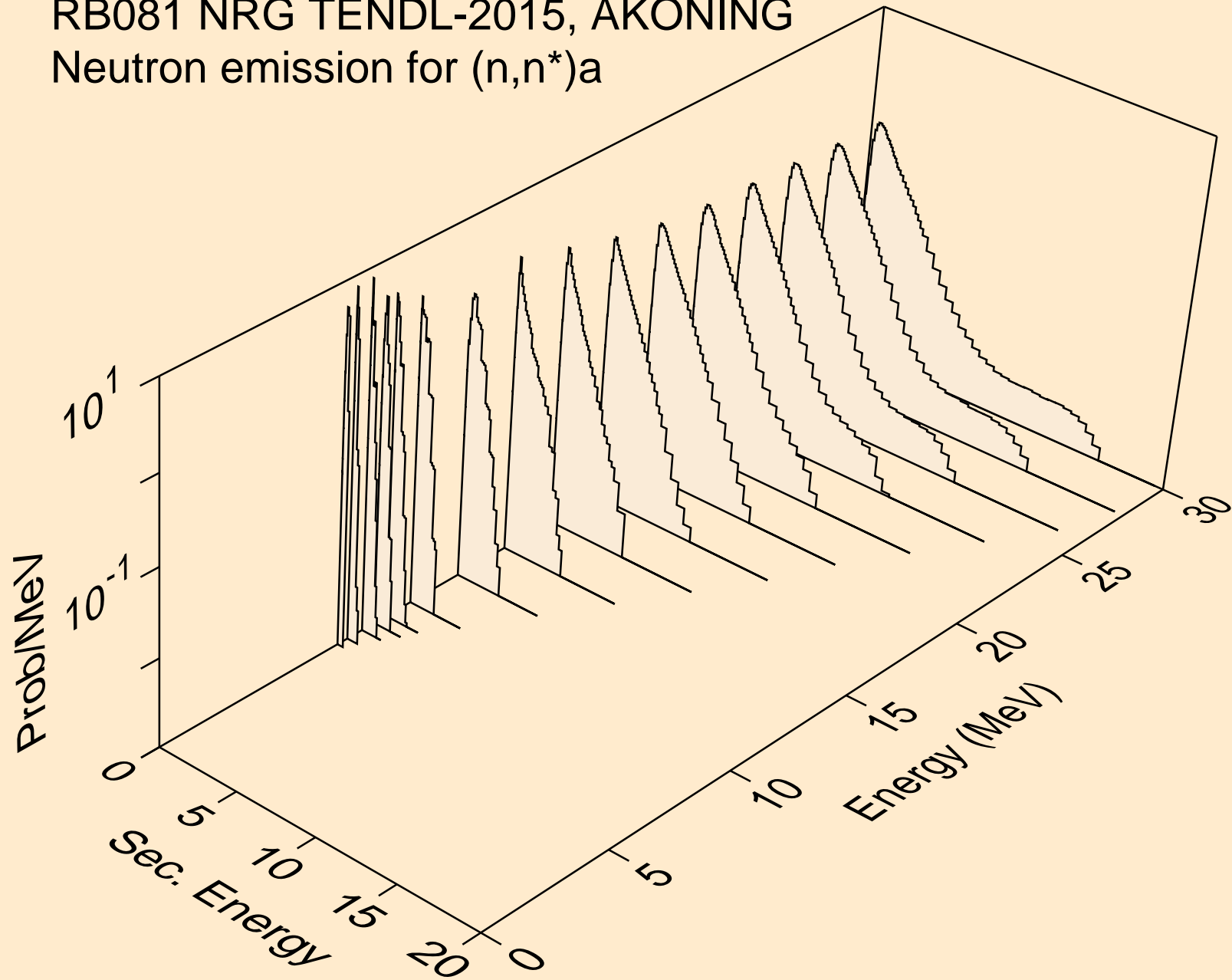
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



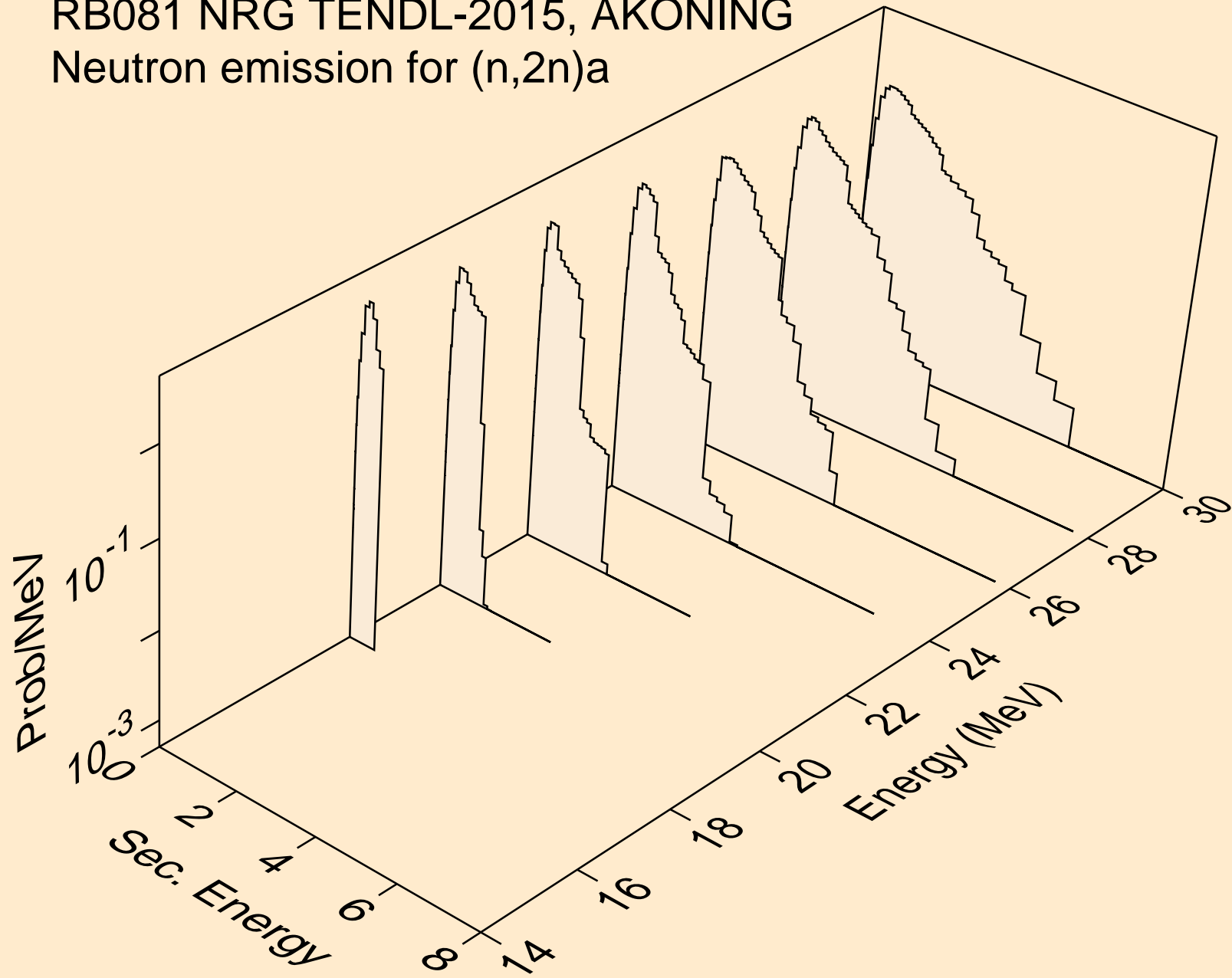
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



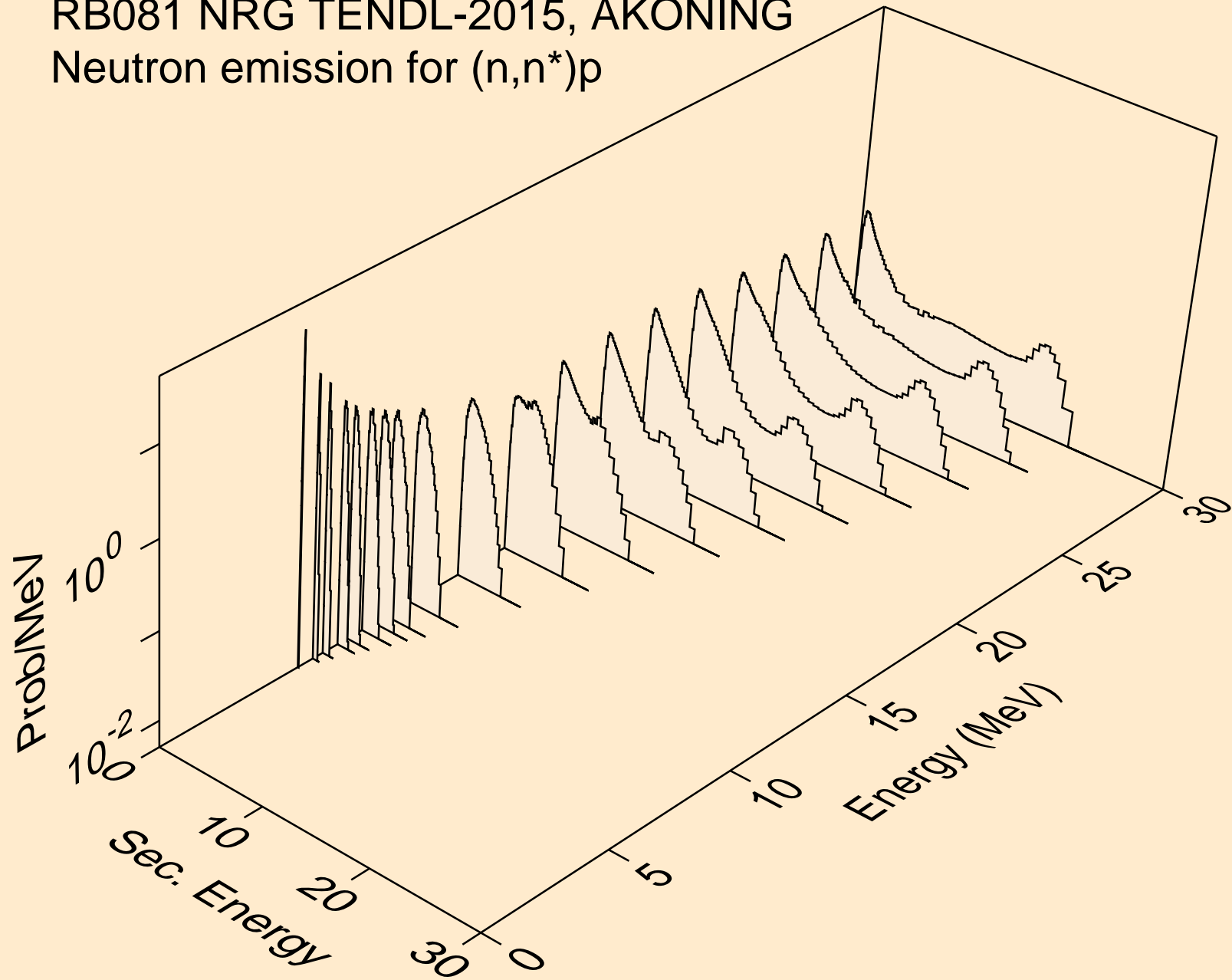
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>

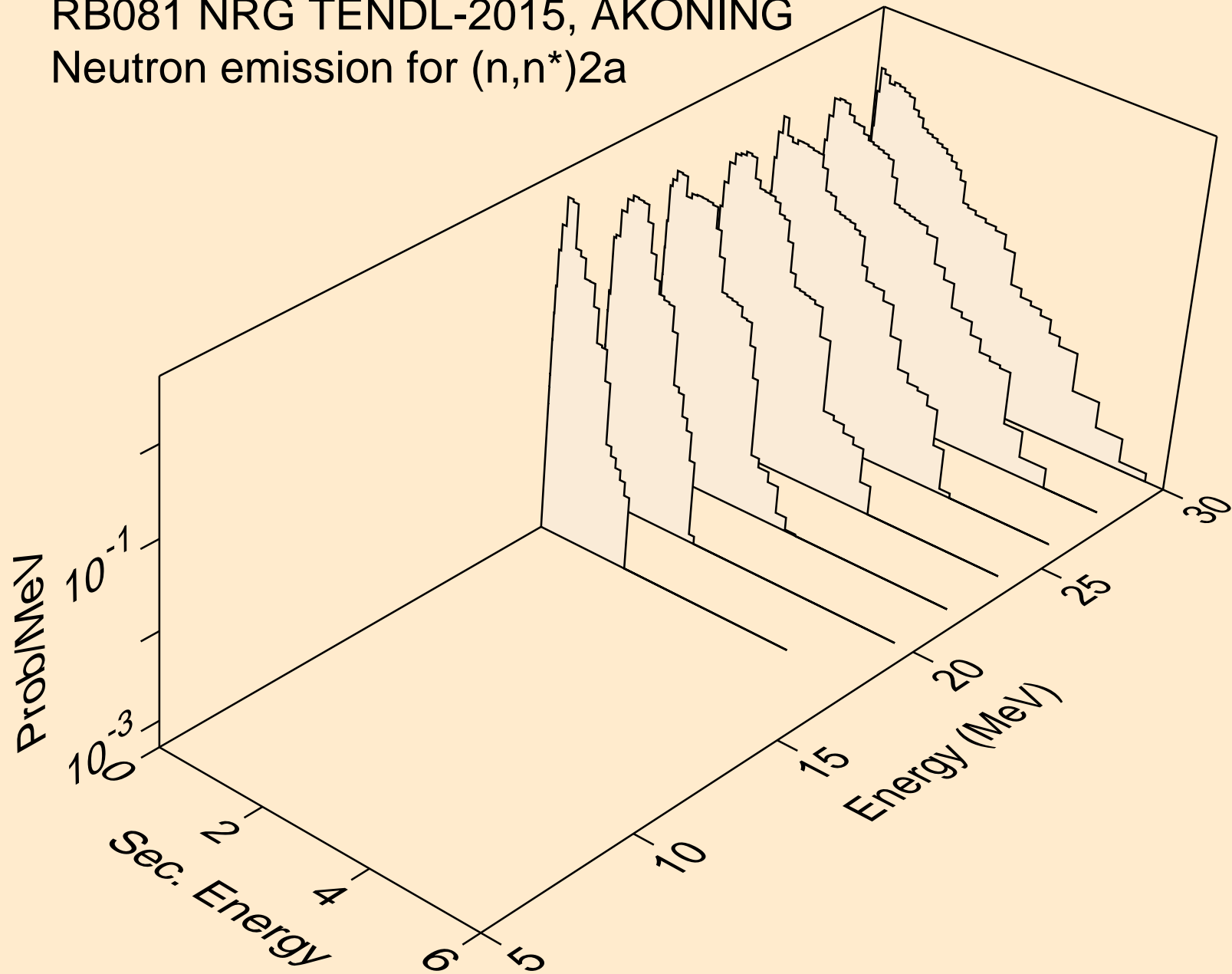


RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

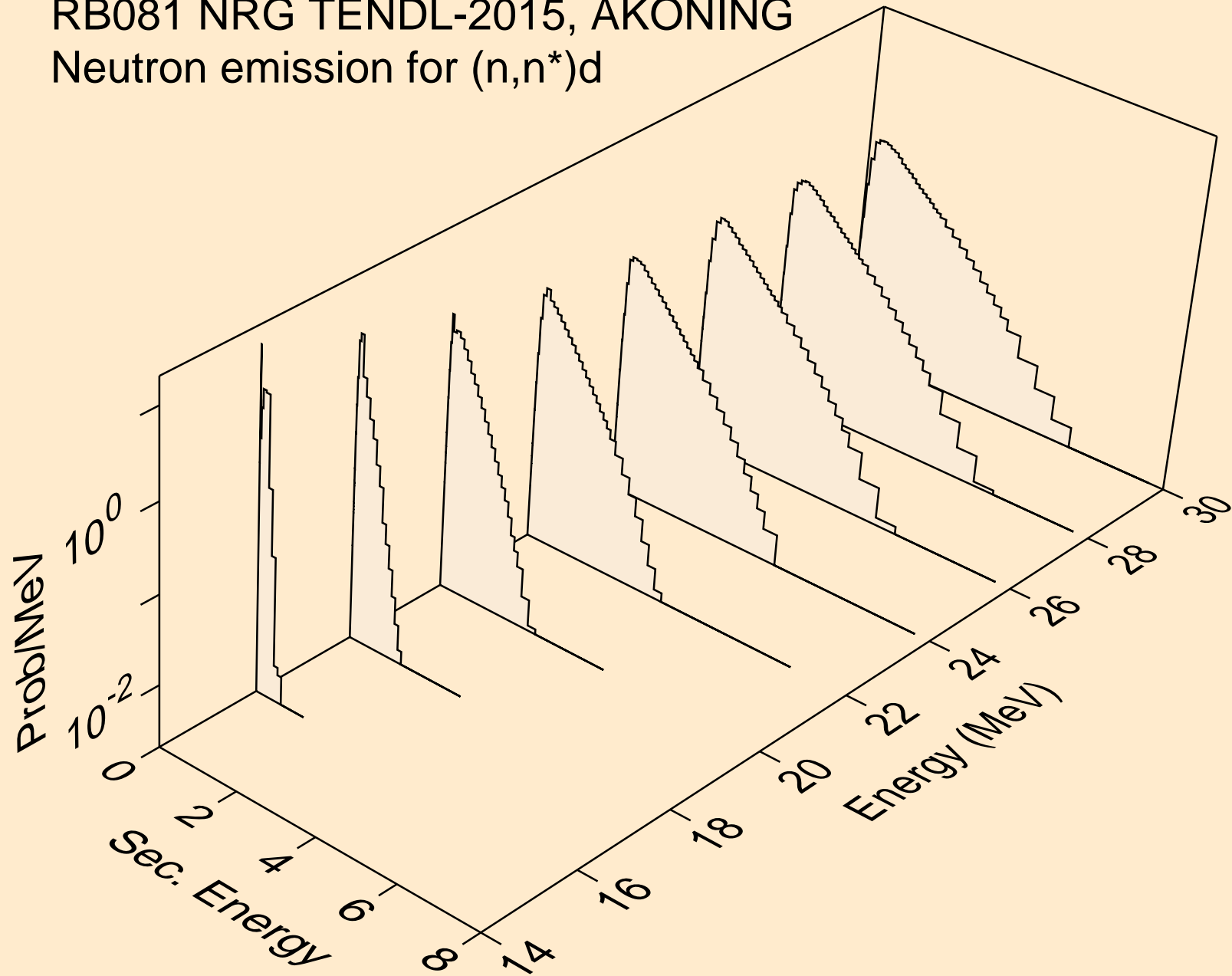




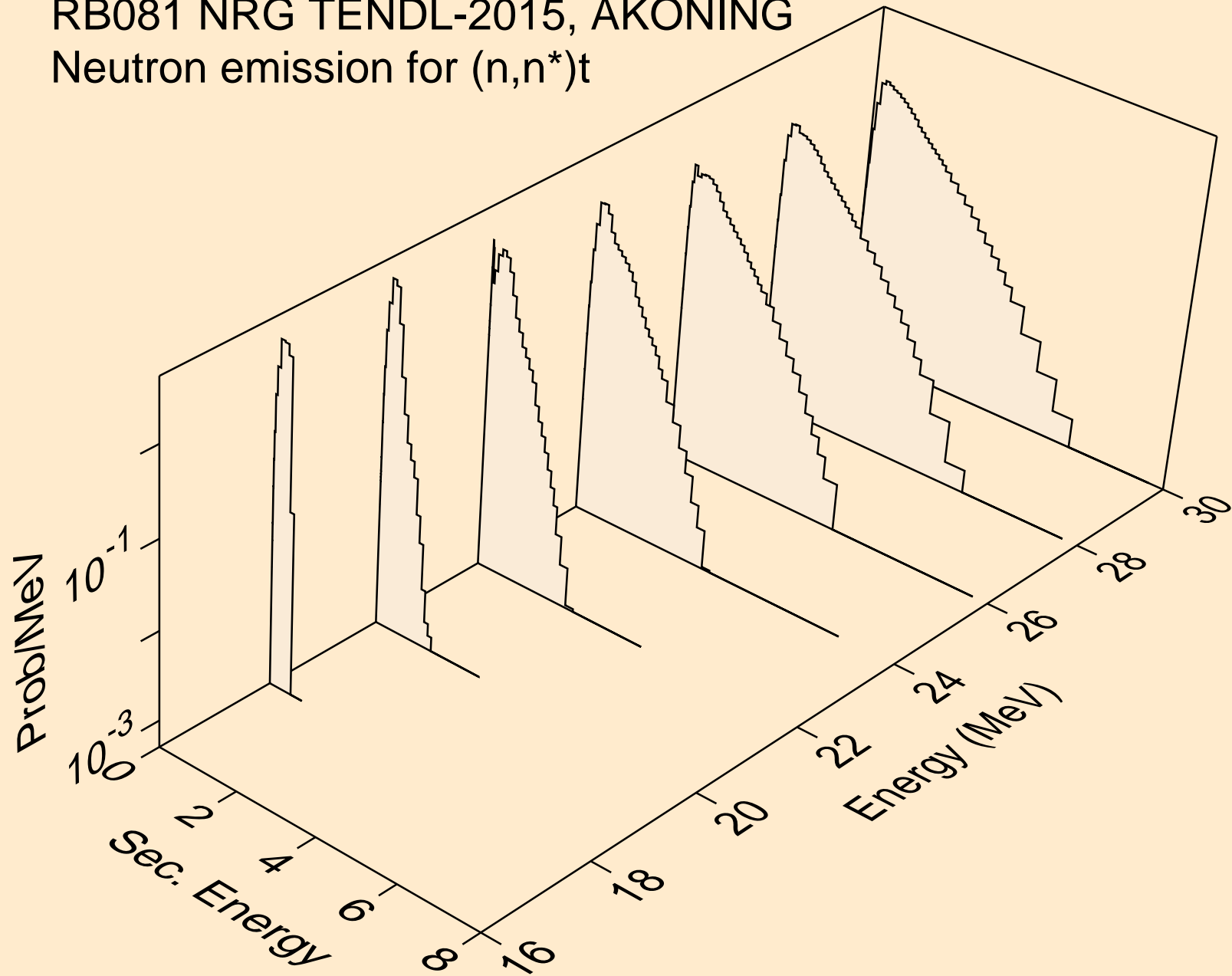
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



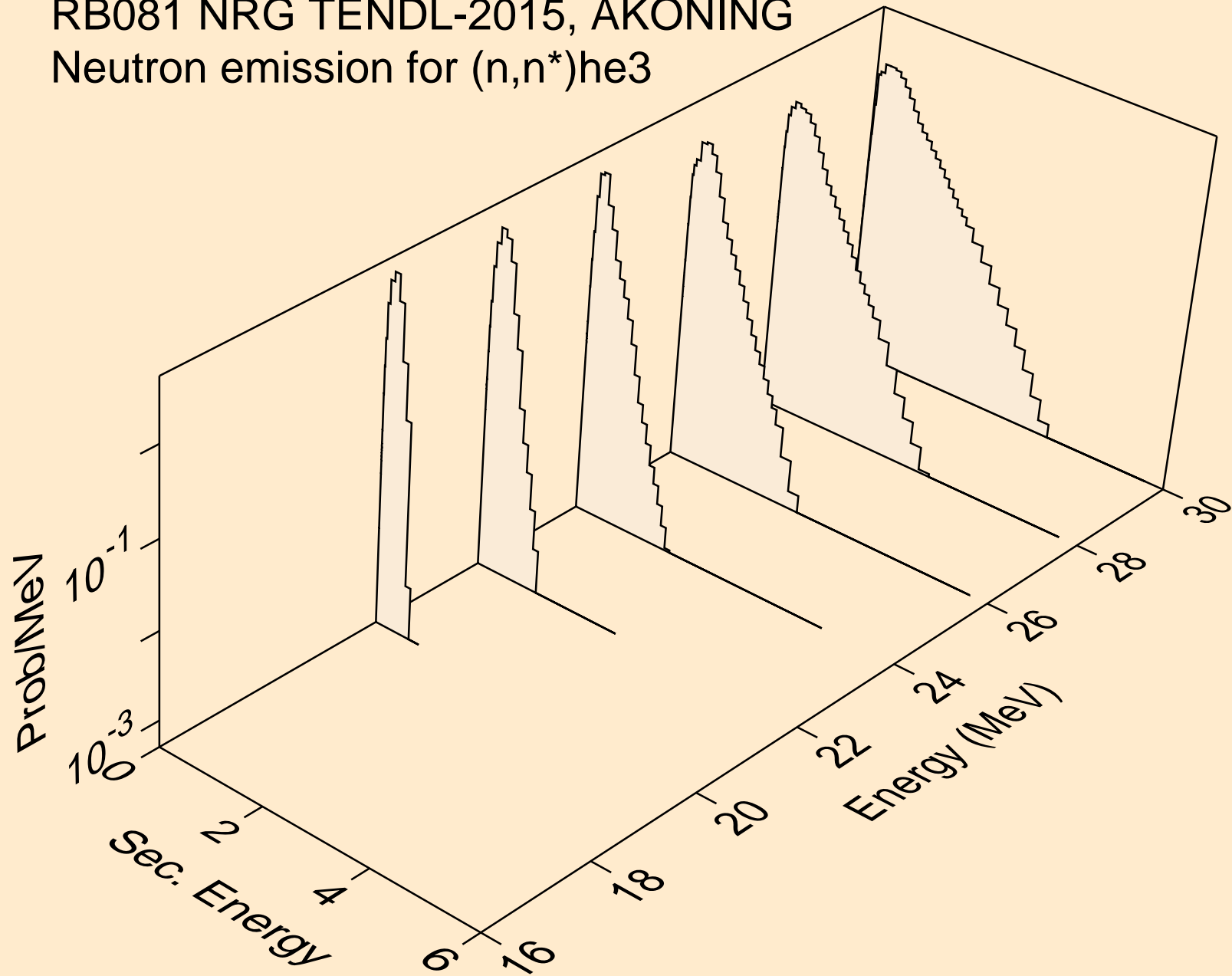
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



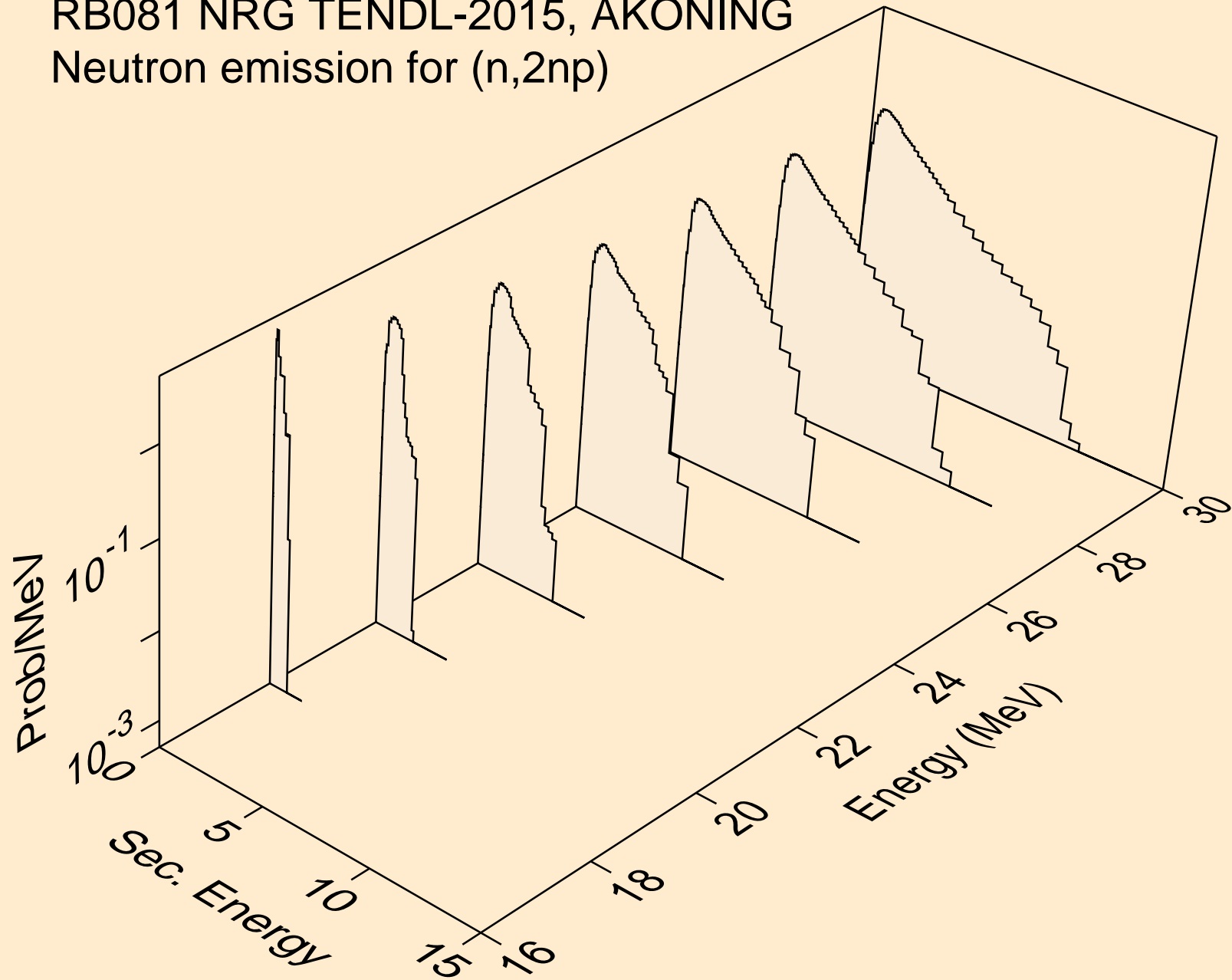
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



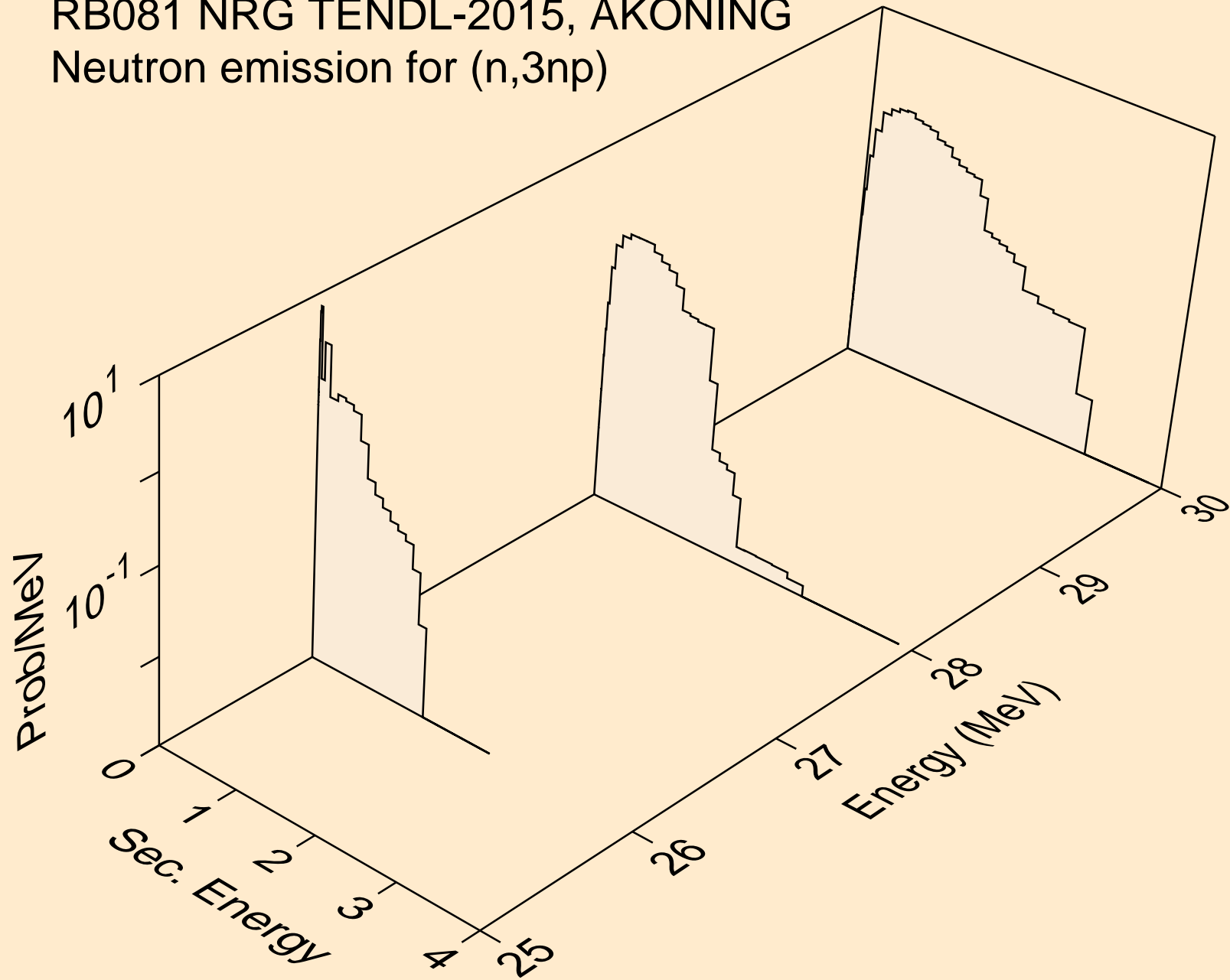
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



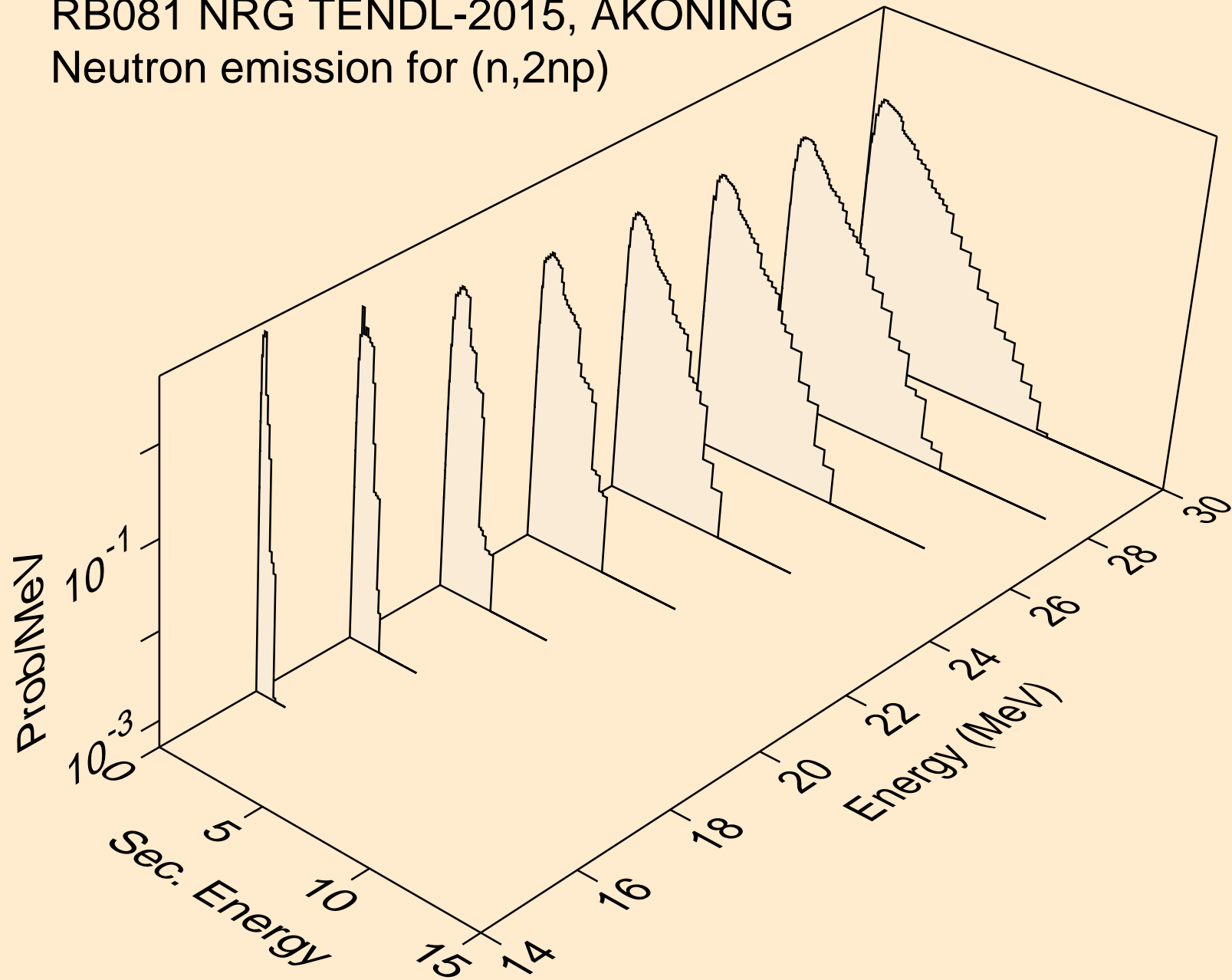
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



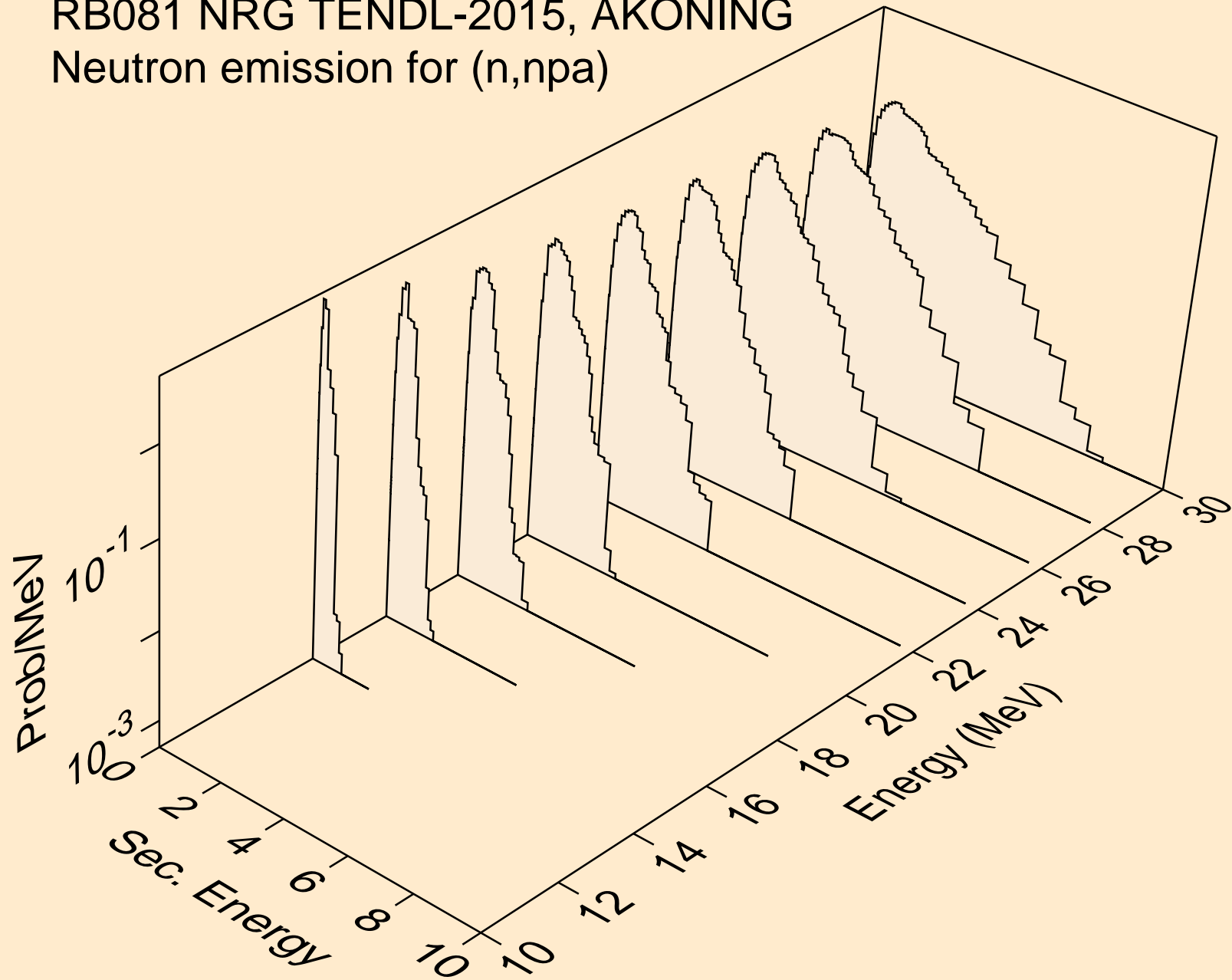
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

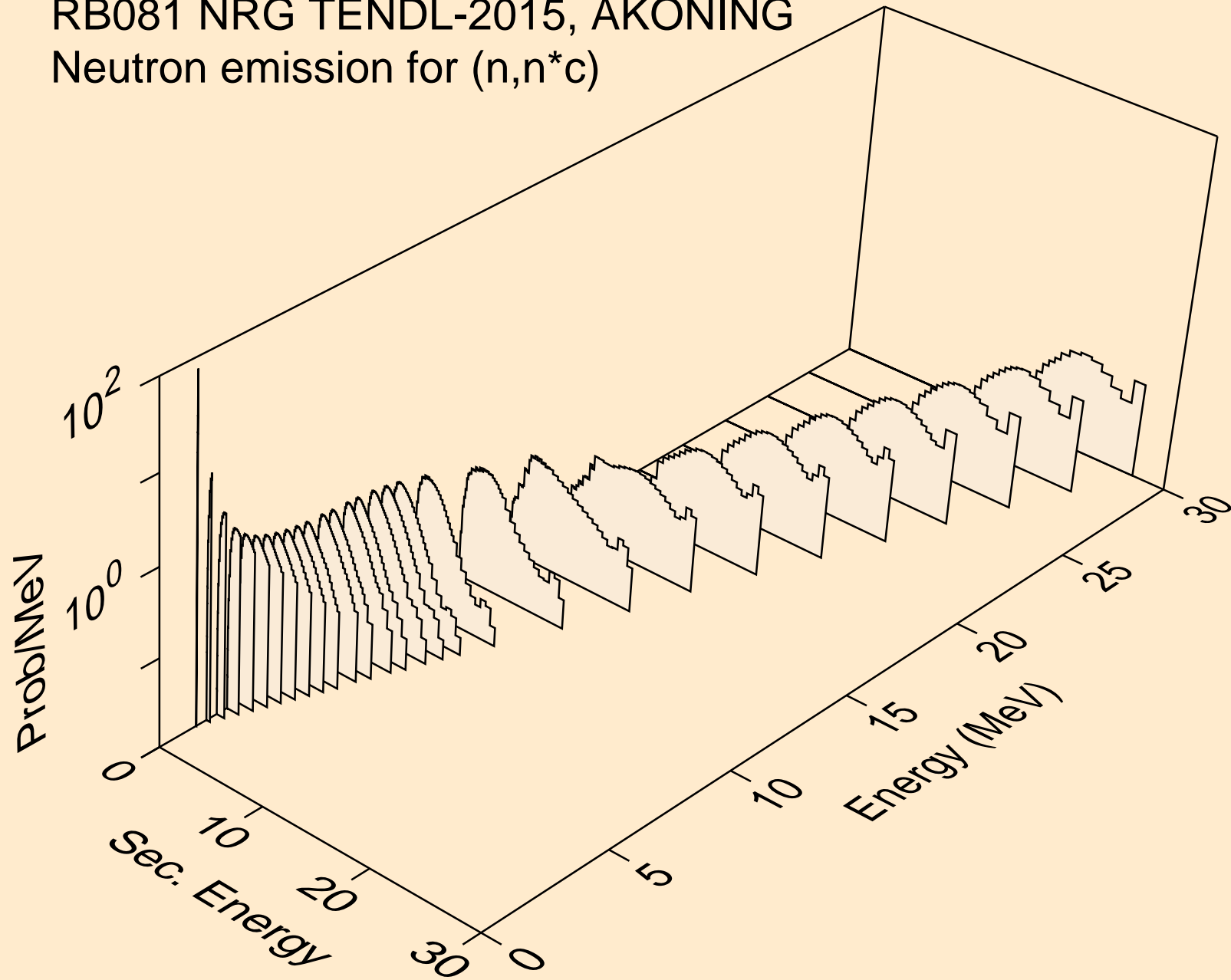


RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

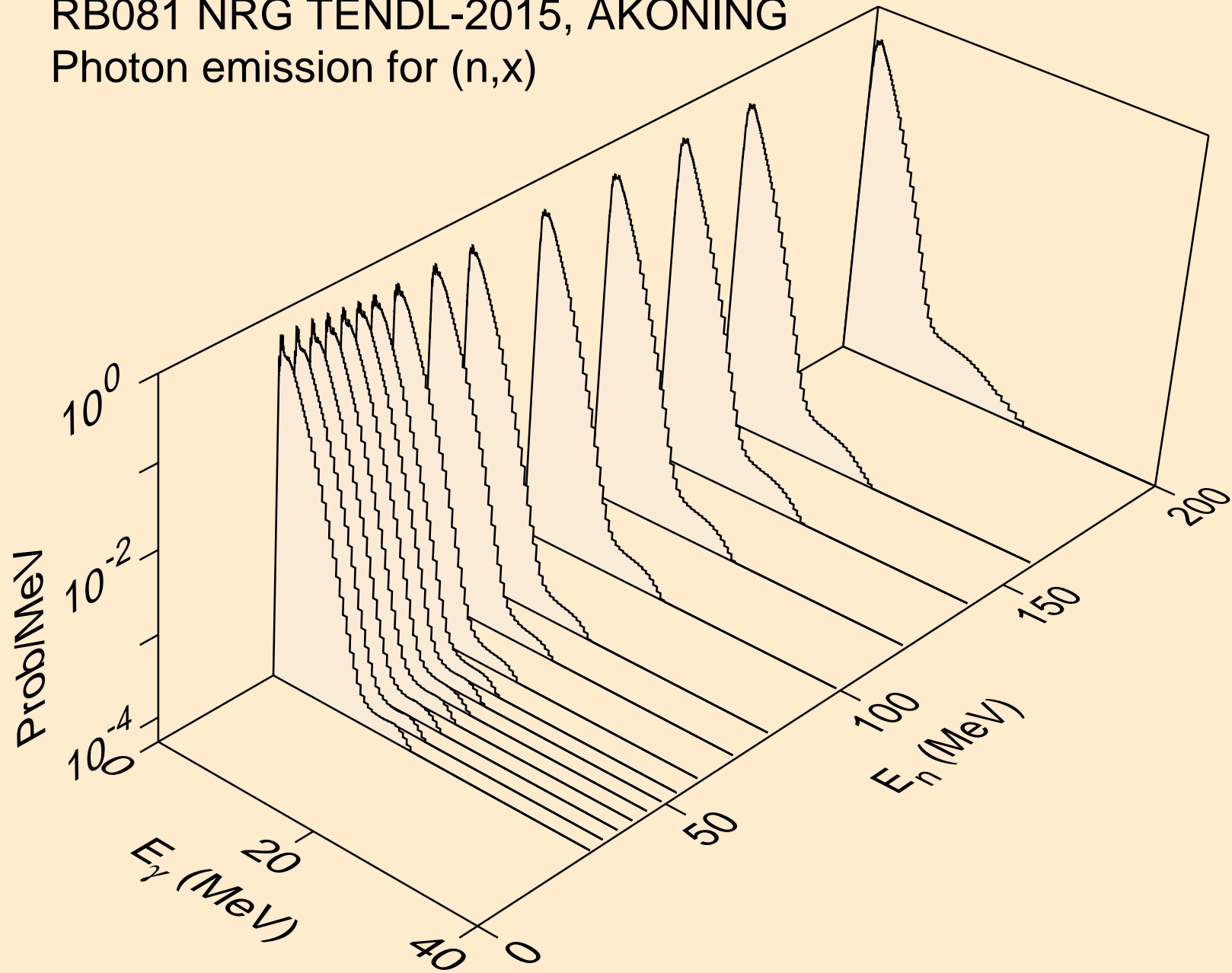




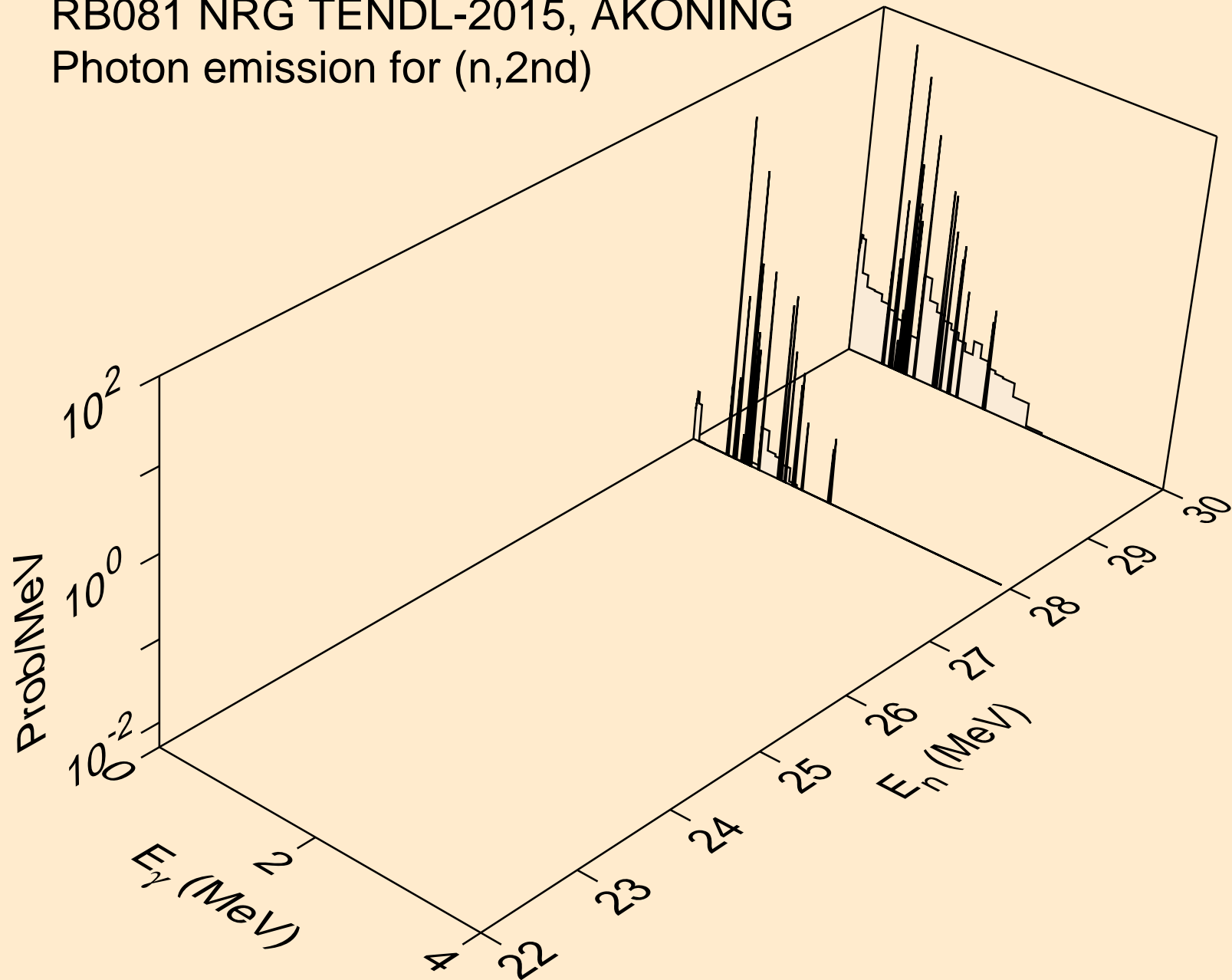
RB081 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



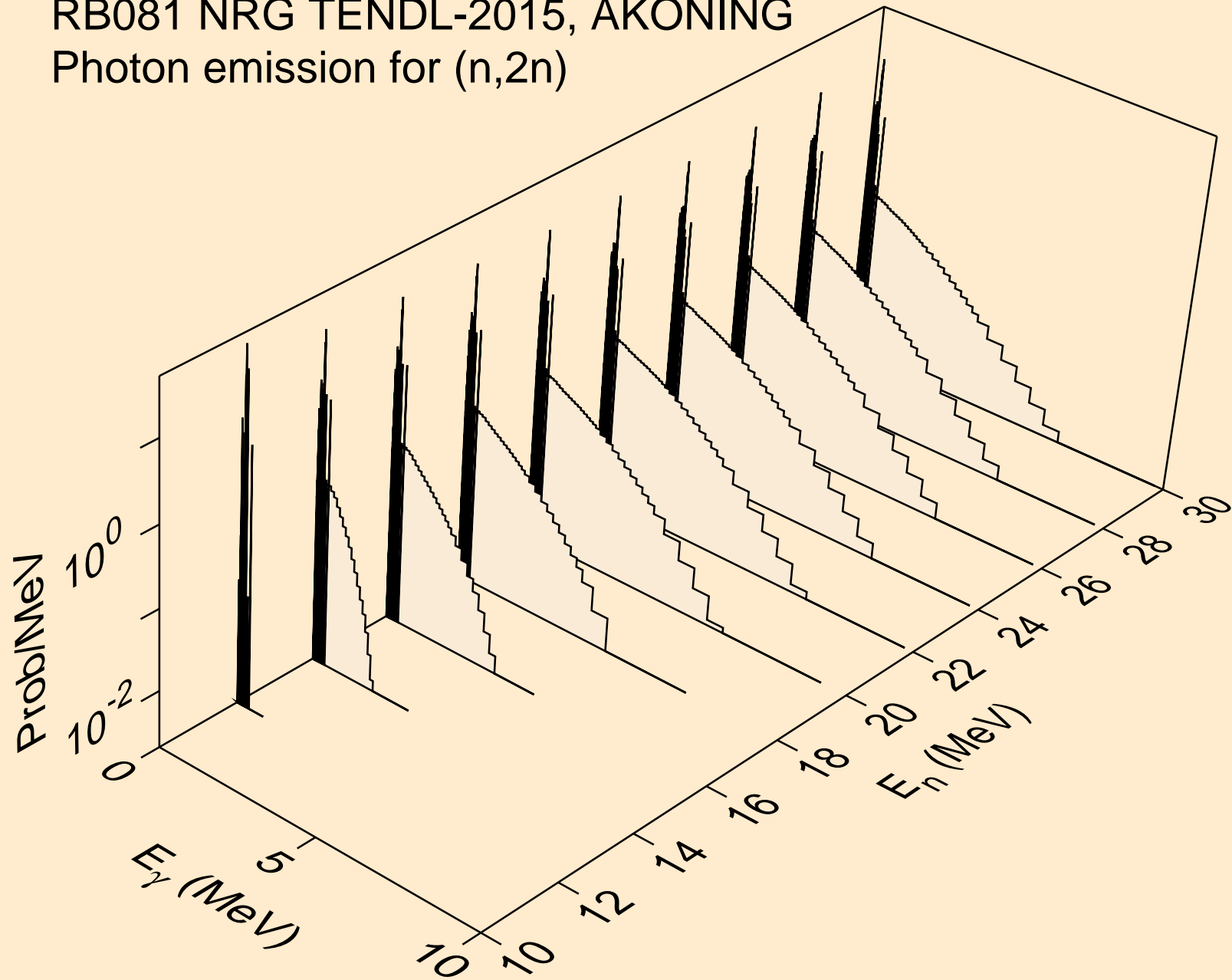
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



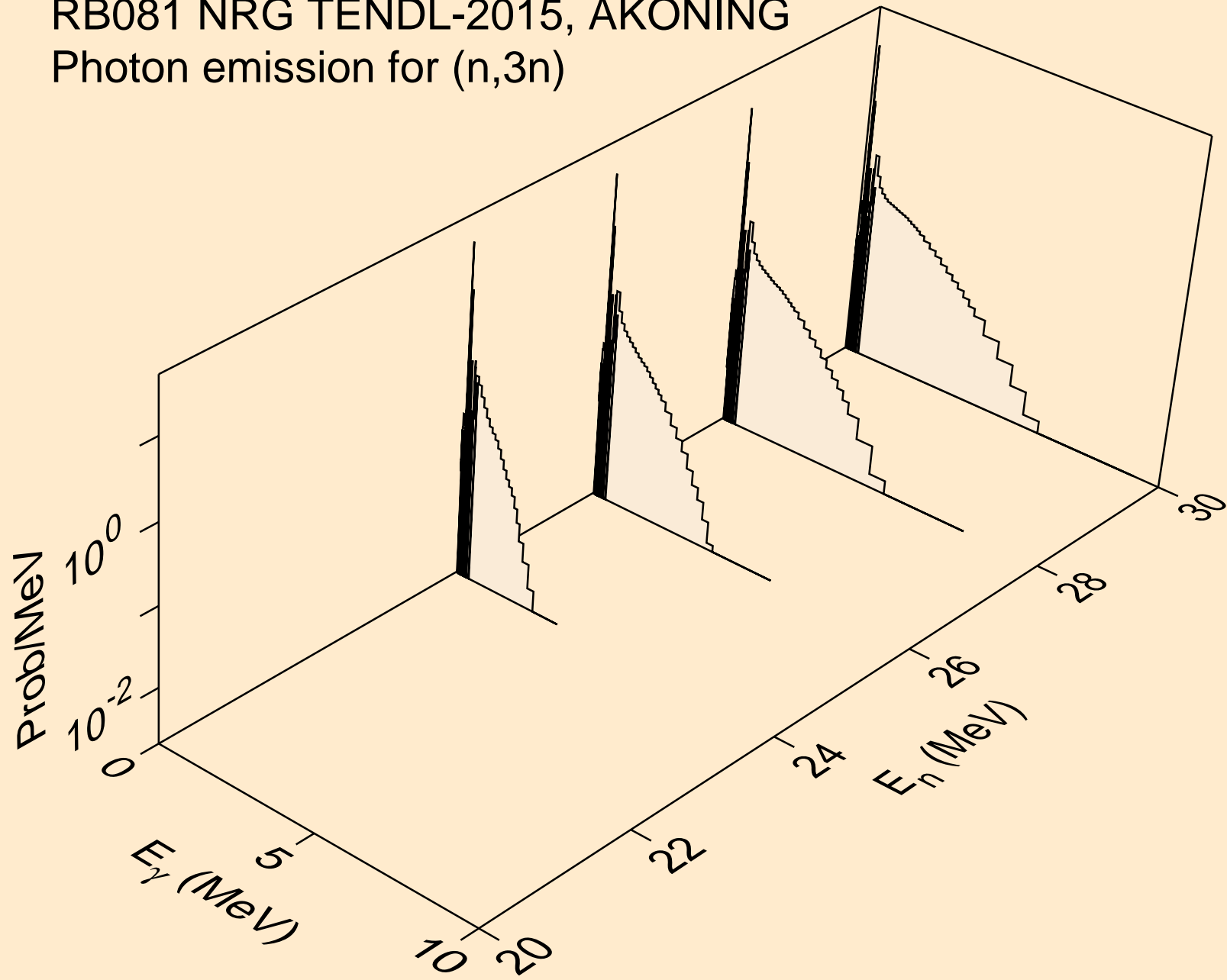
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



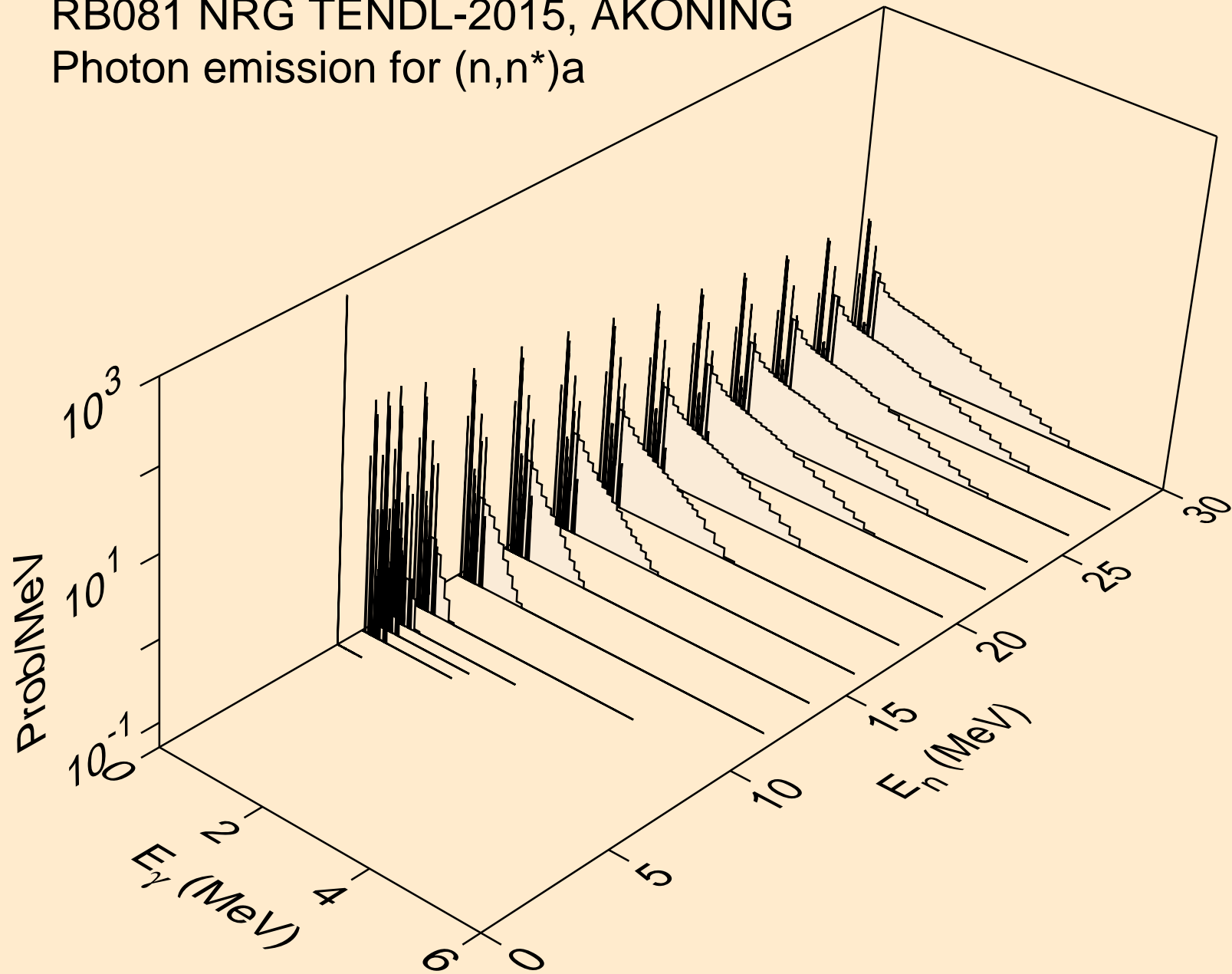
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



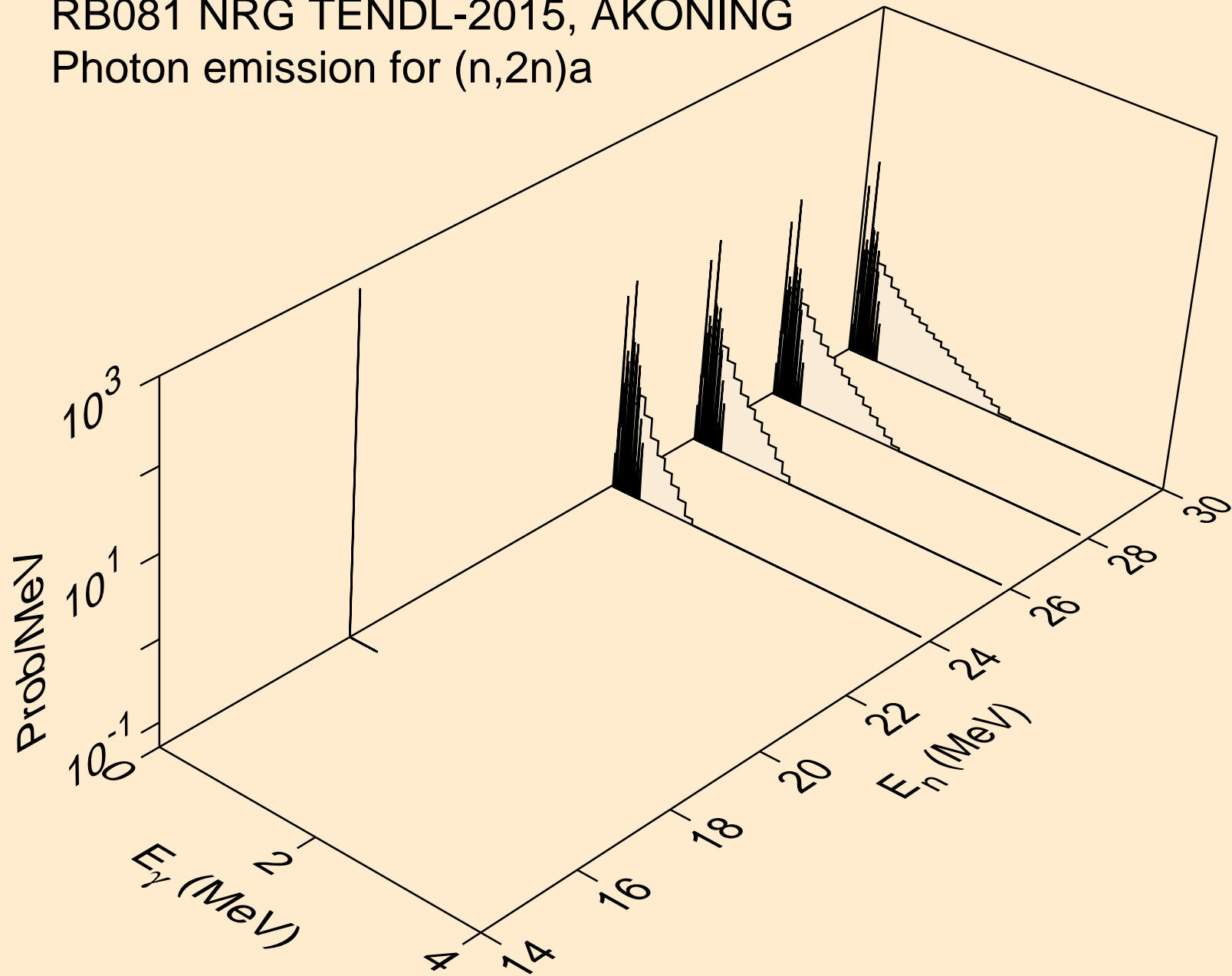
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



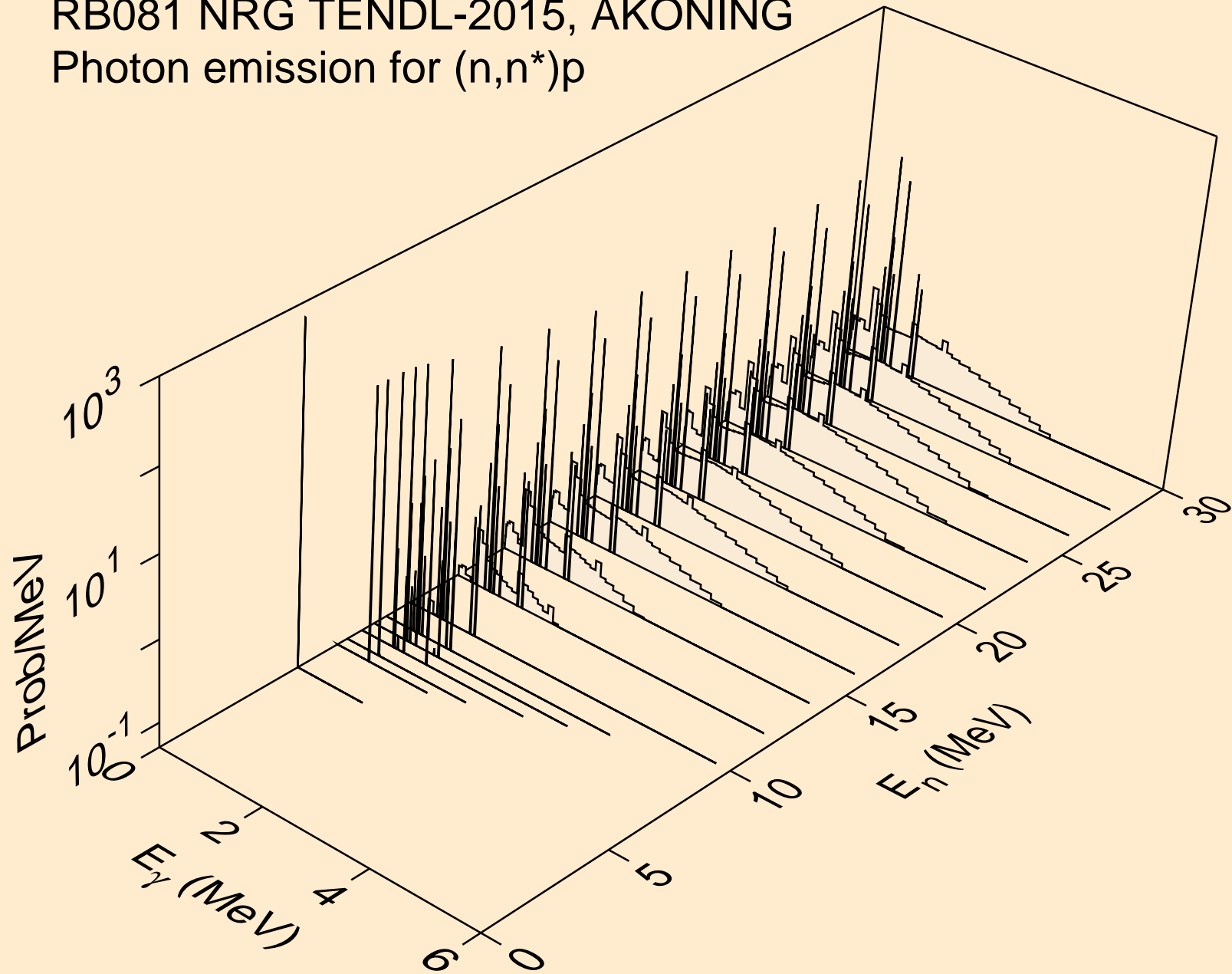
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

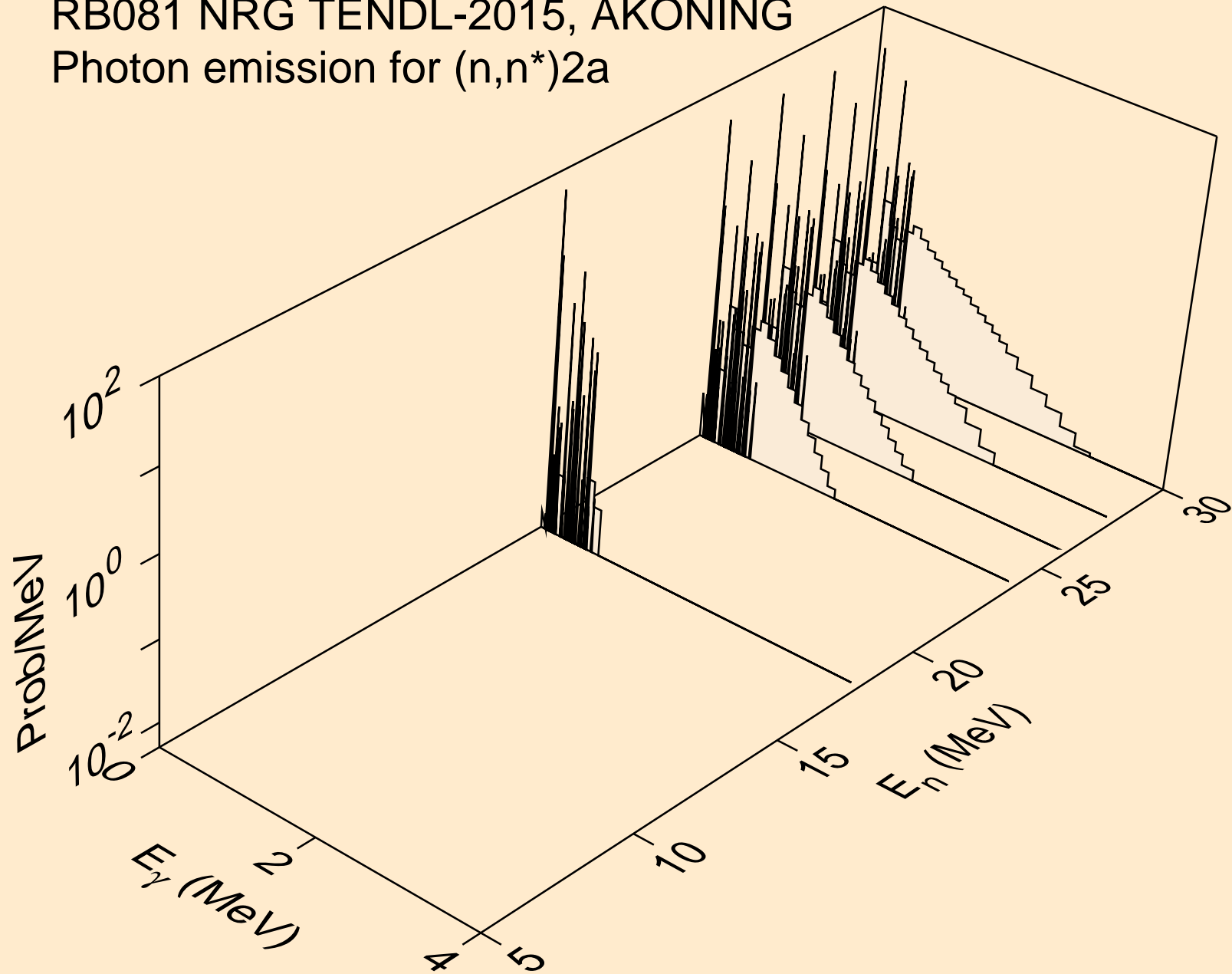


RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

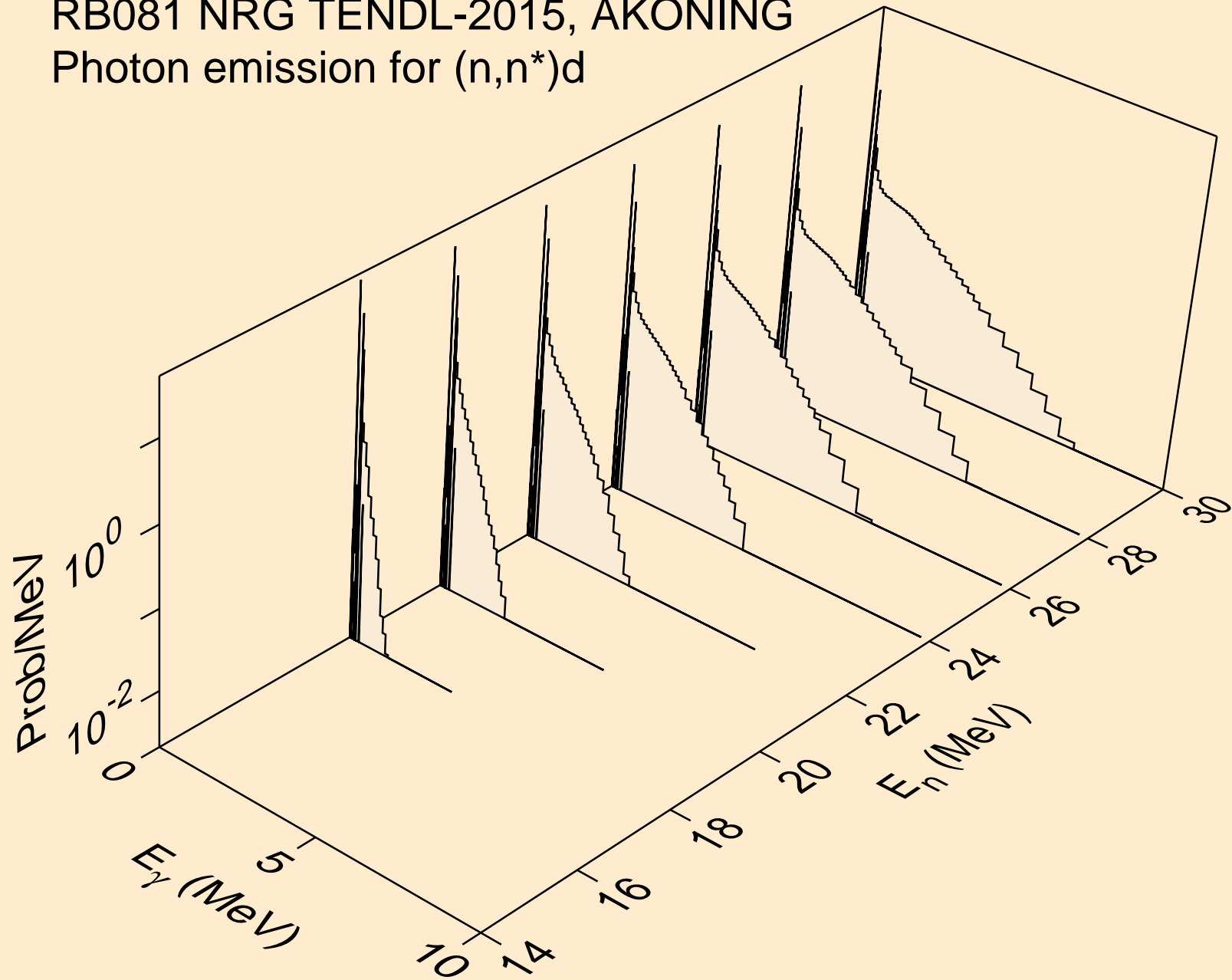




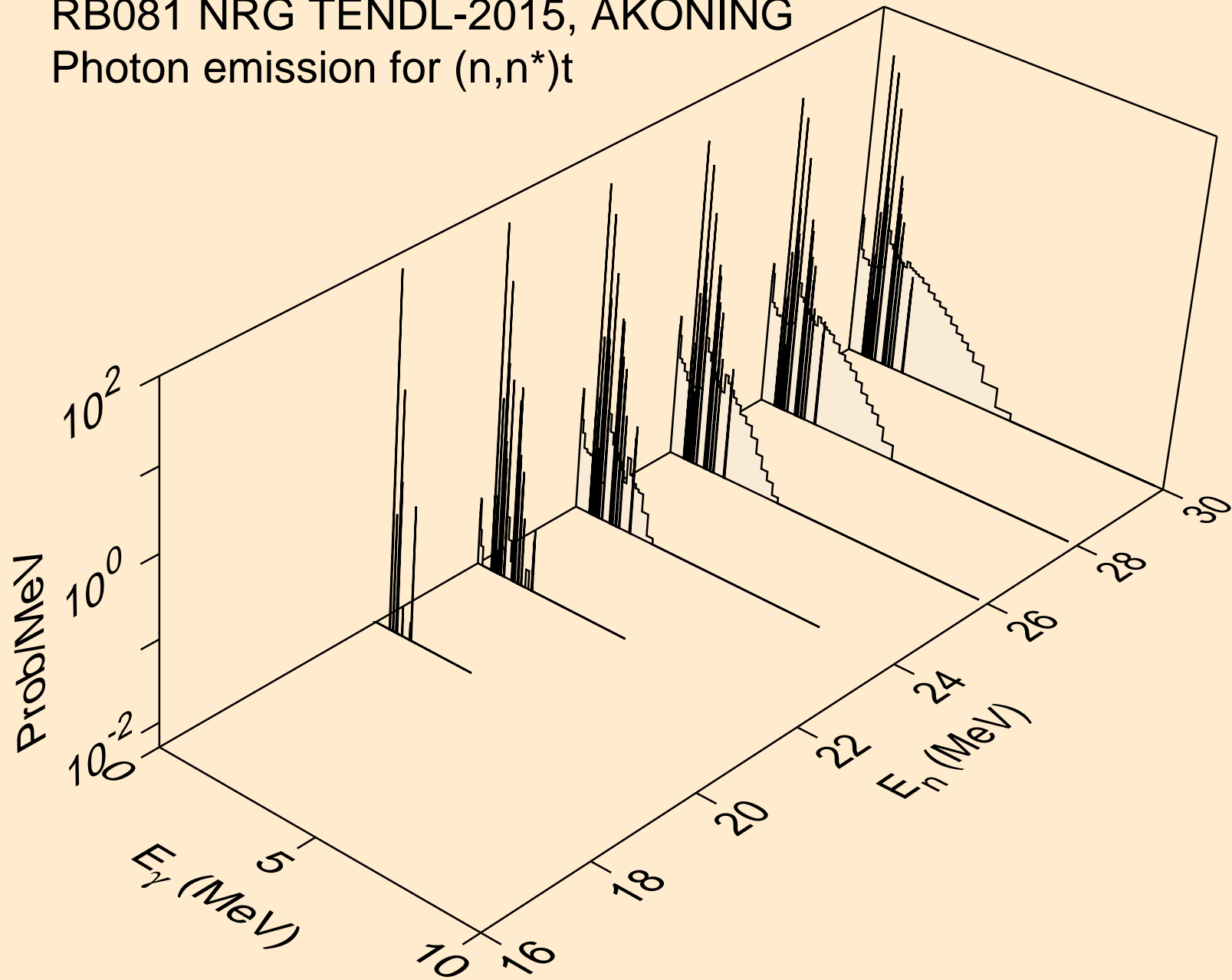
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



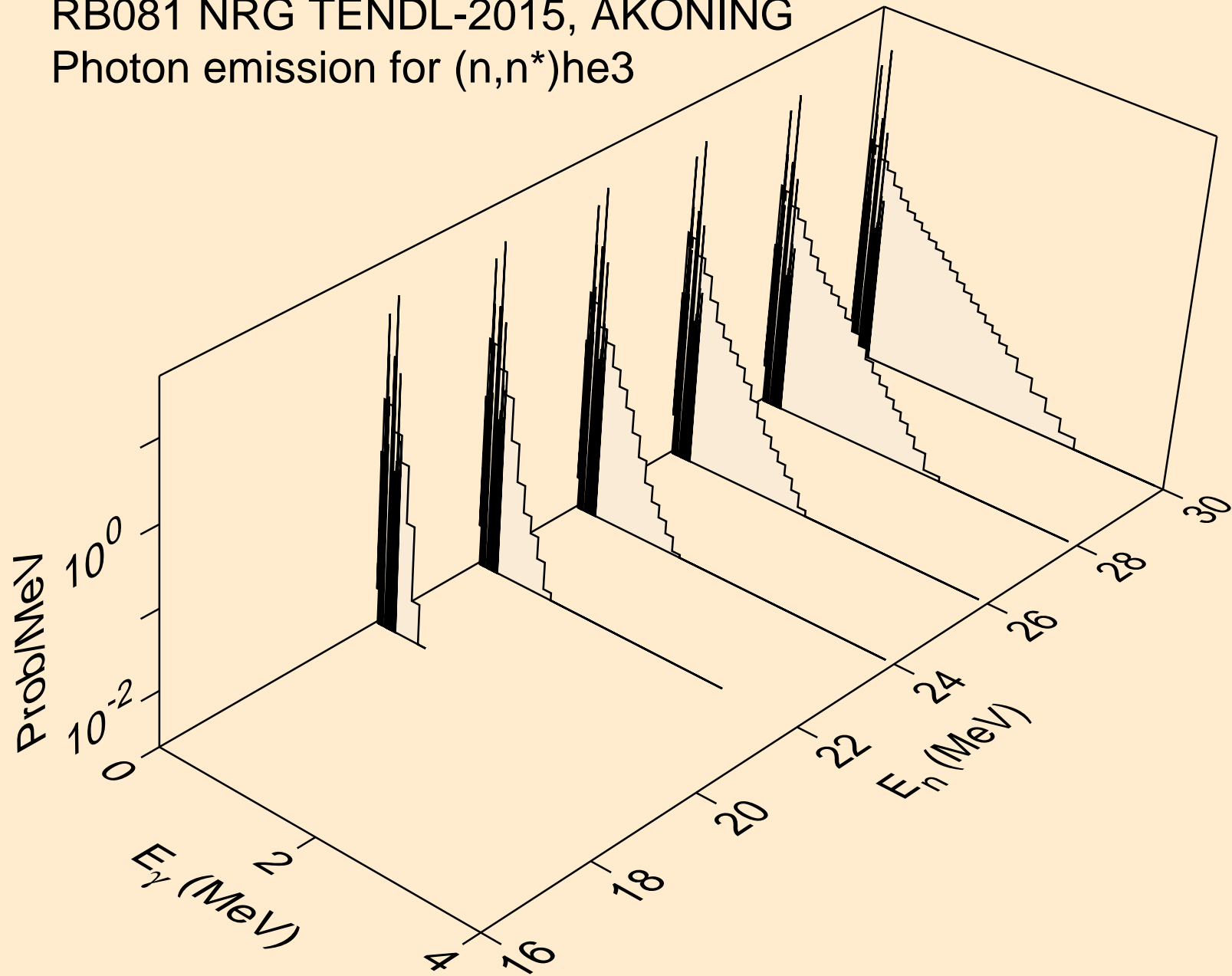
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



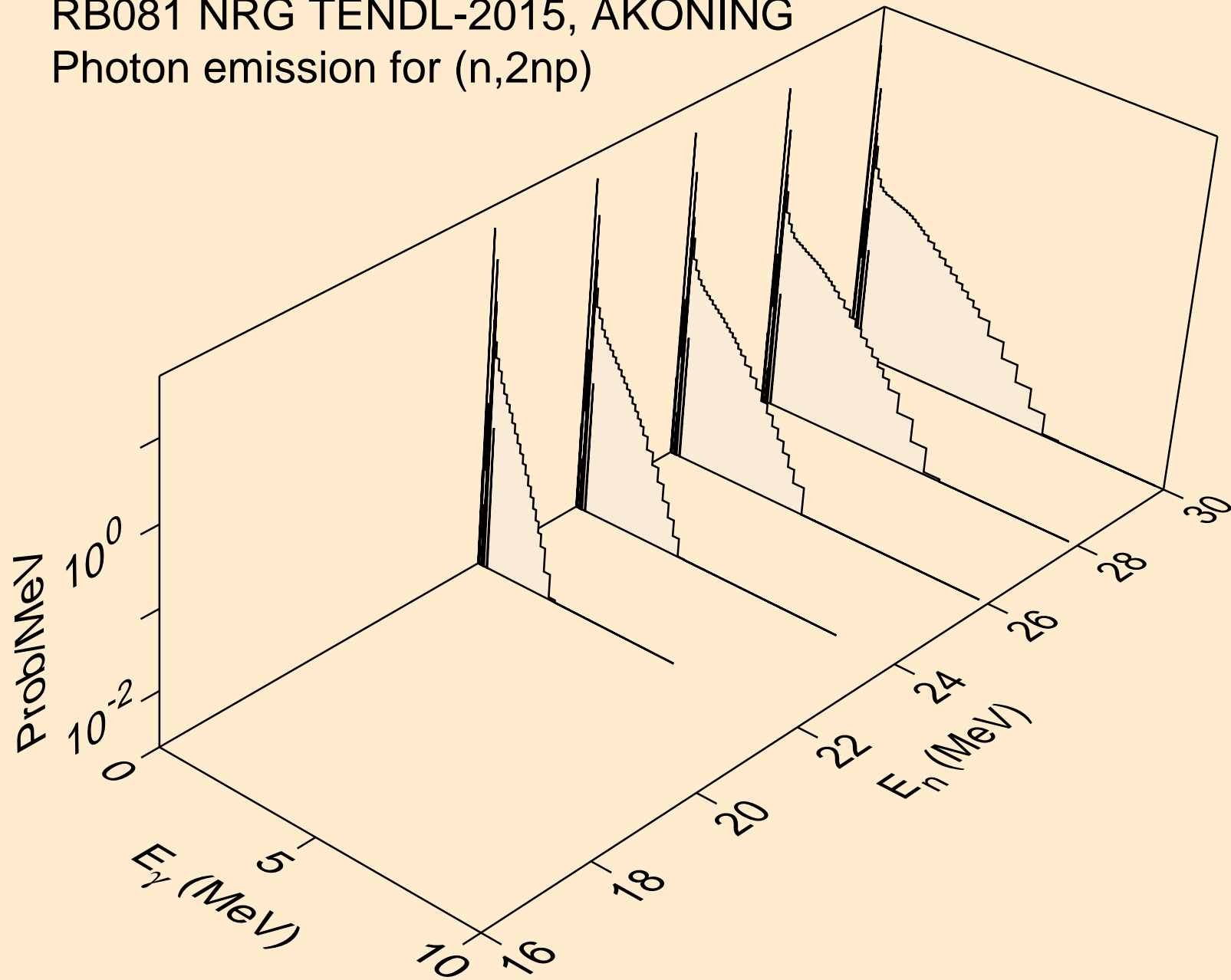
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



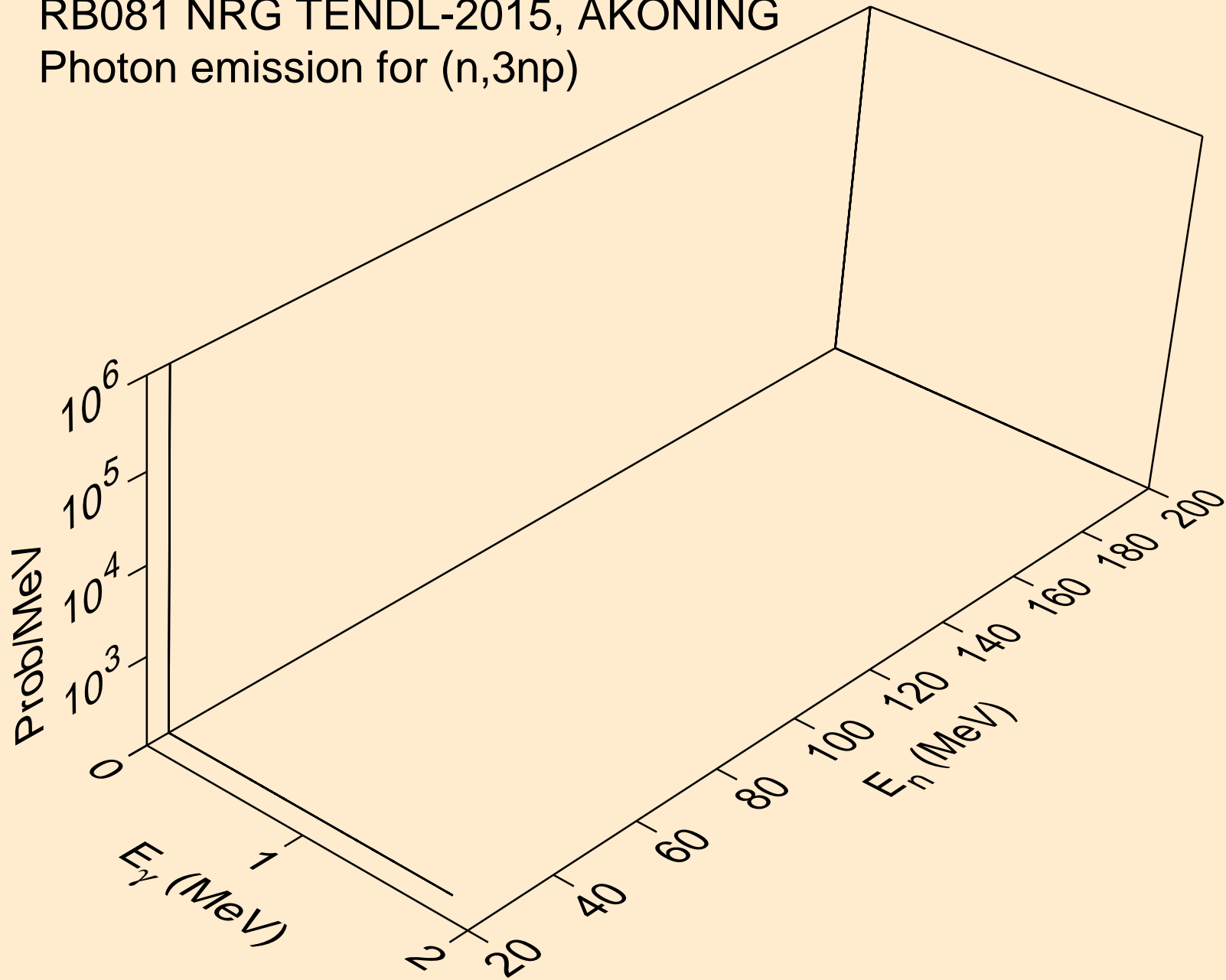
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



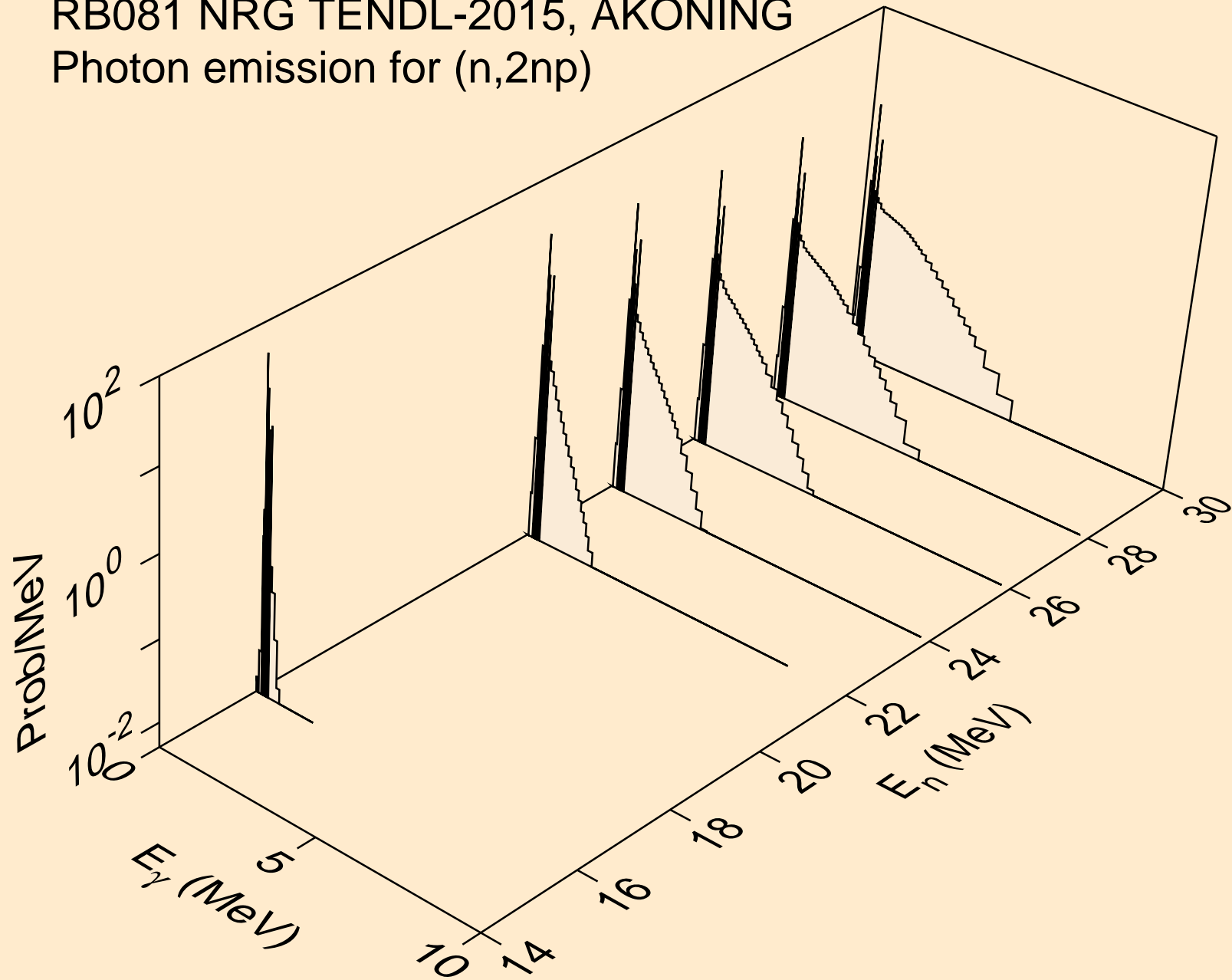
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Photon emission for (n,2np)



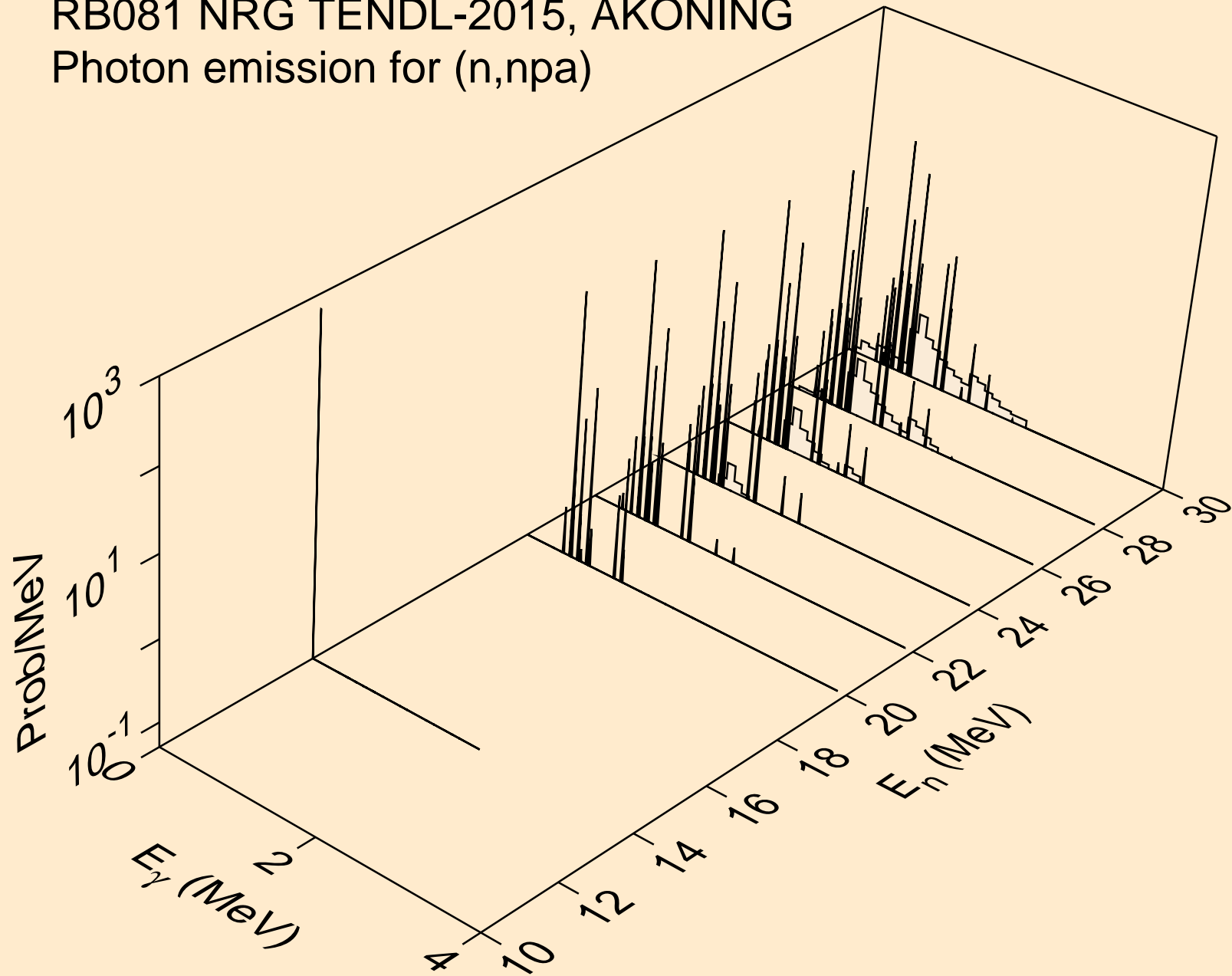
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

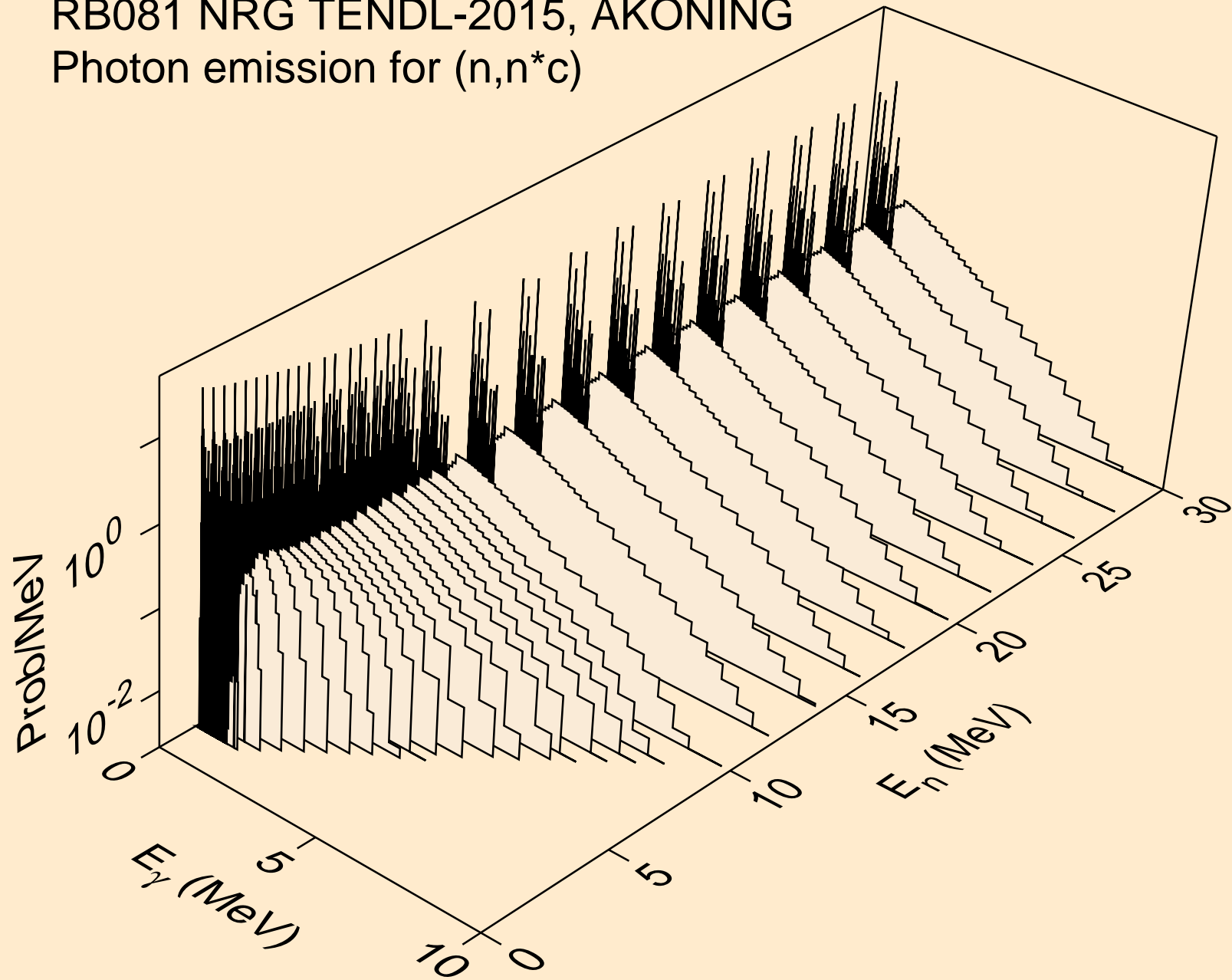


RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

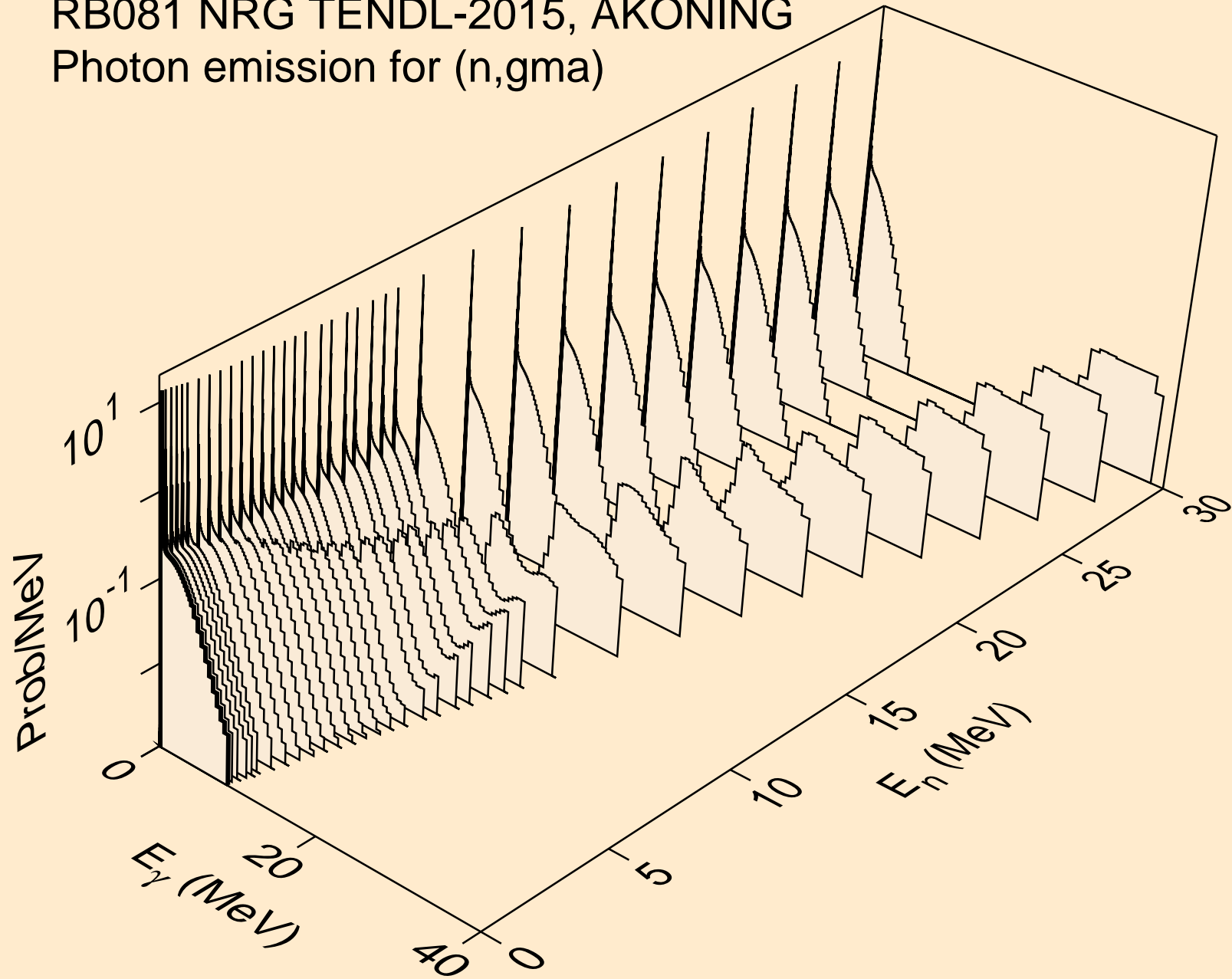




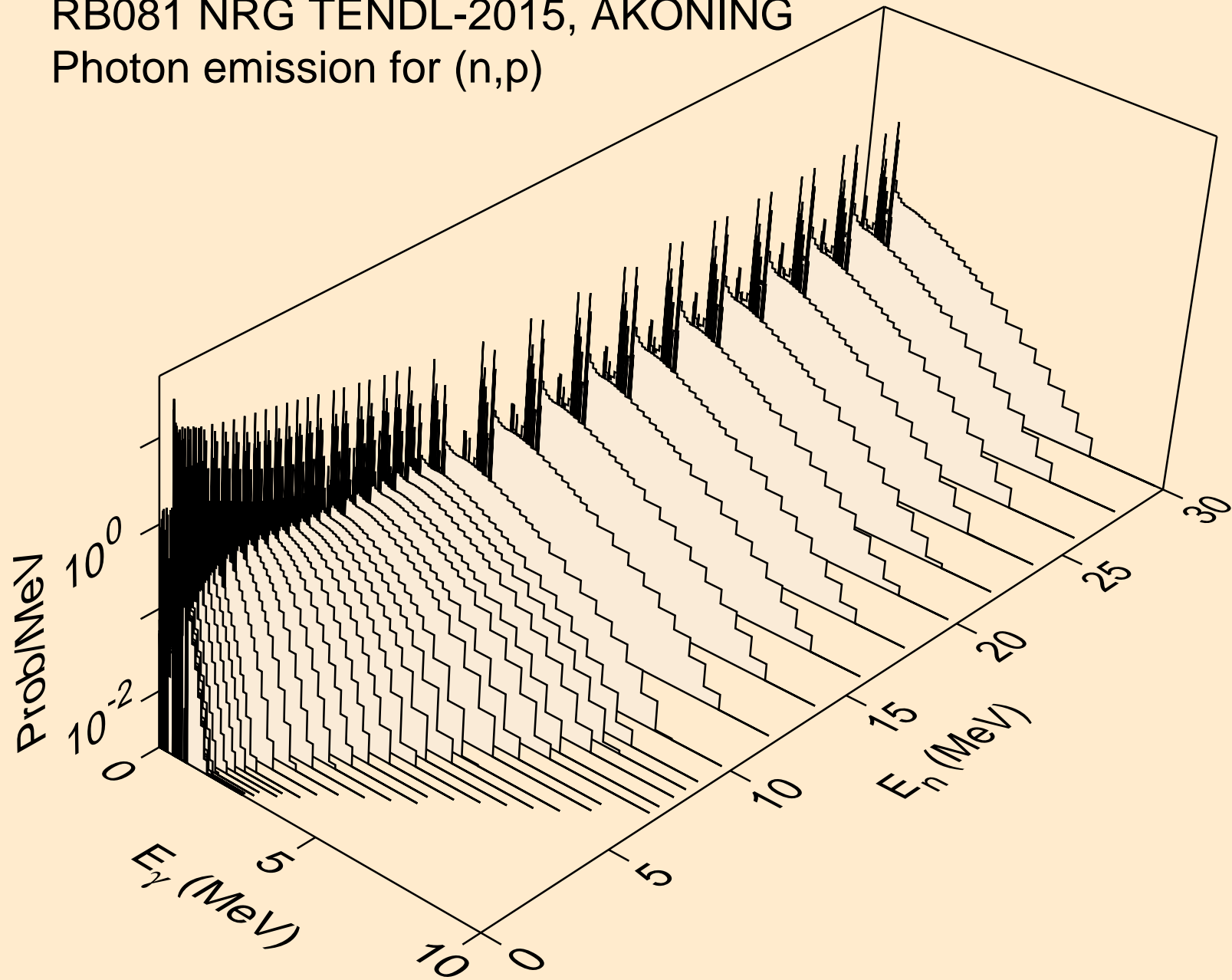
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



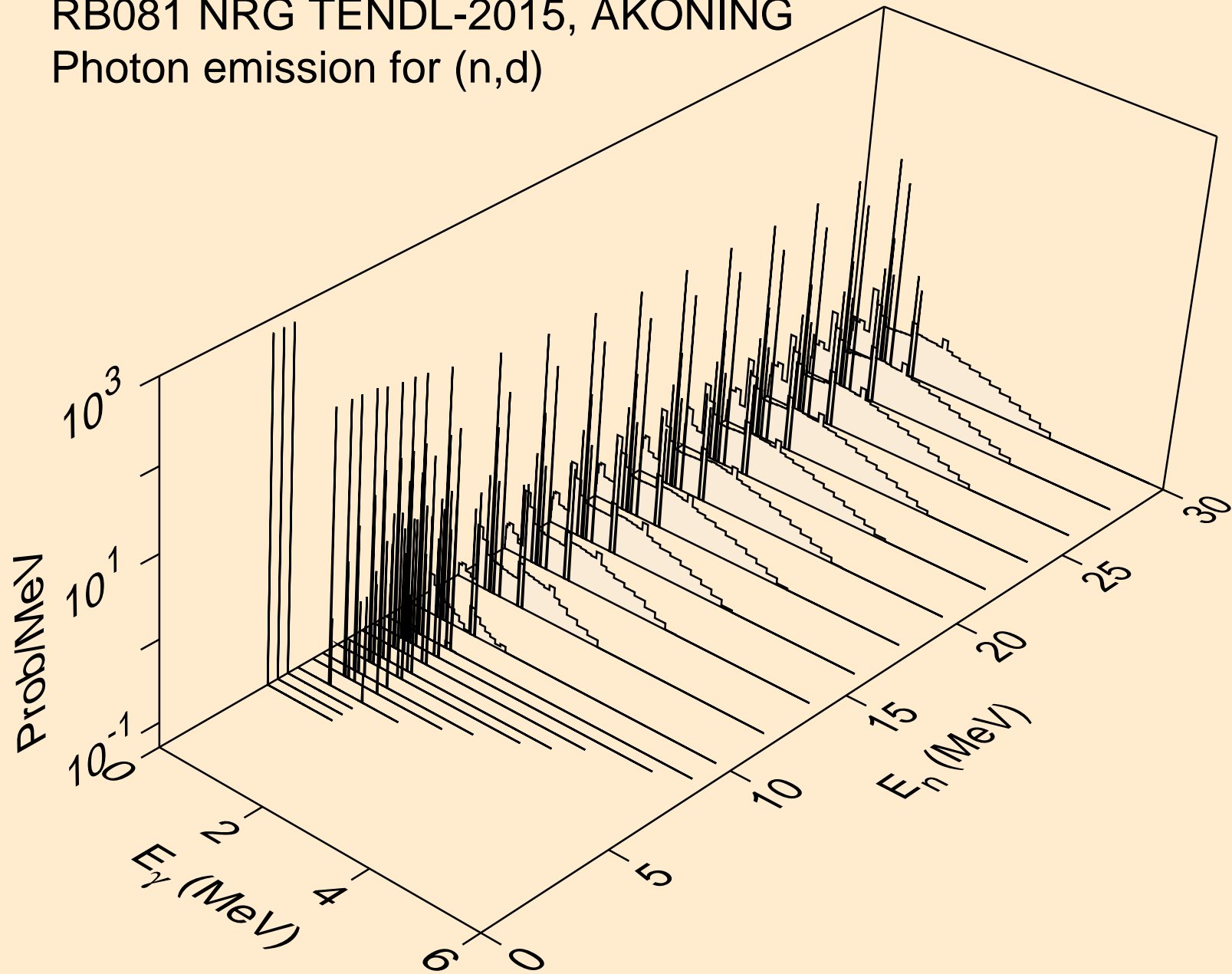
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



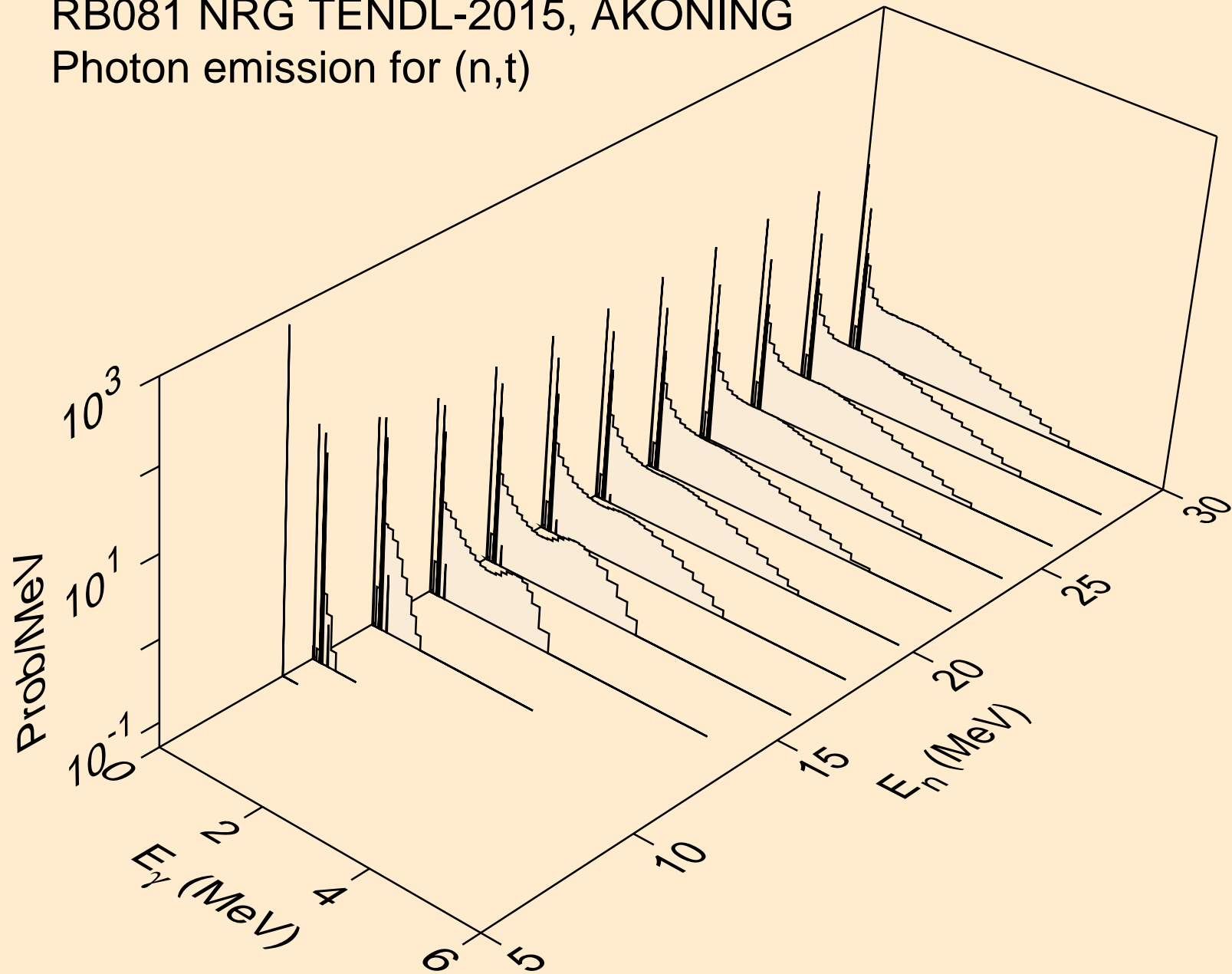
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



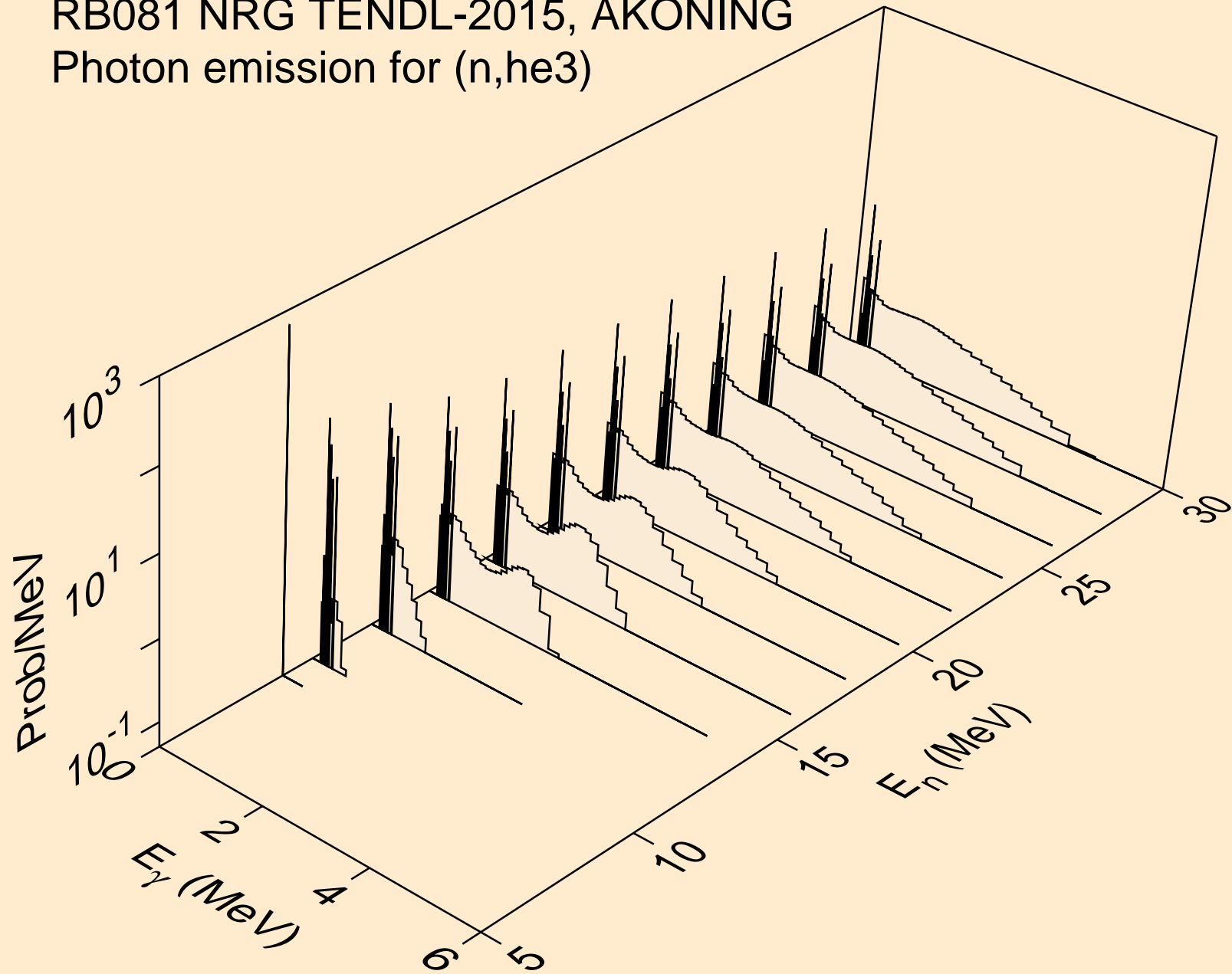
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



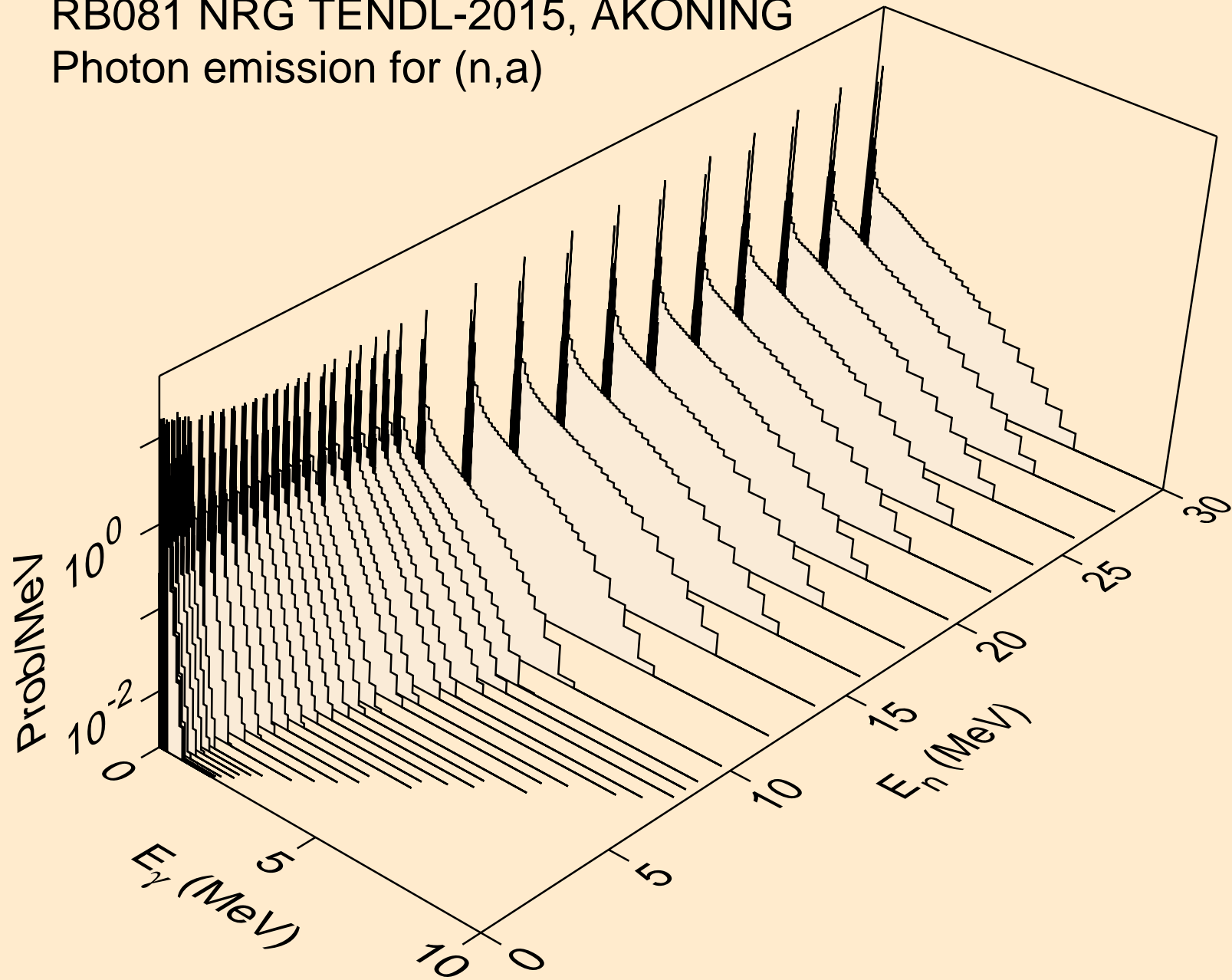
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



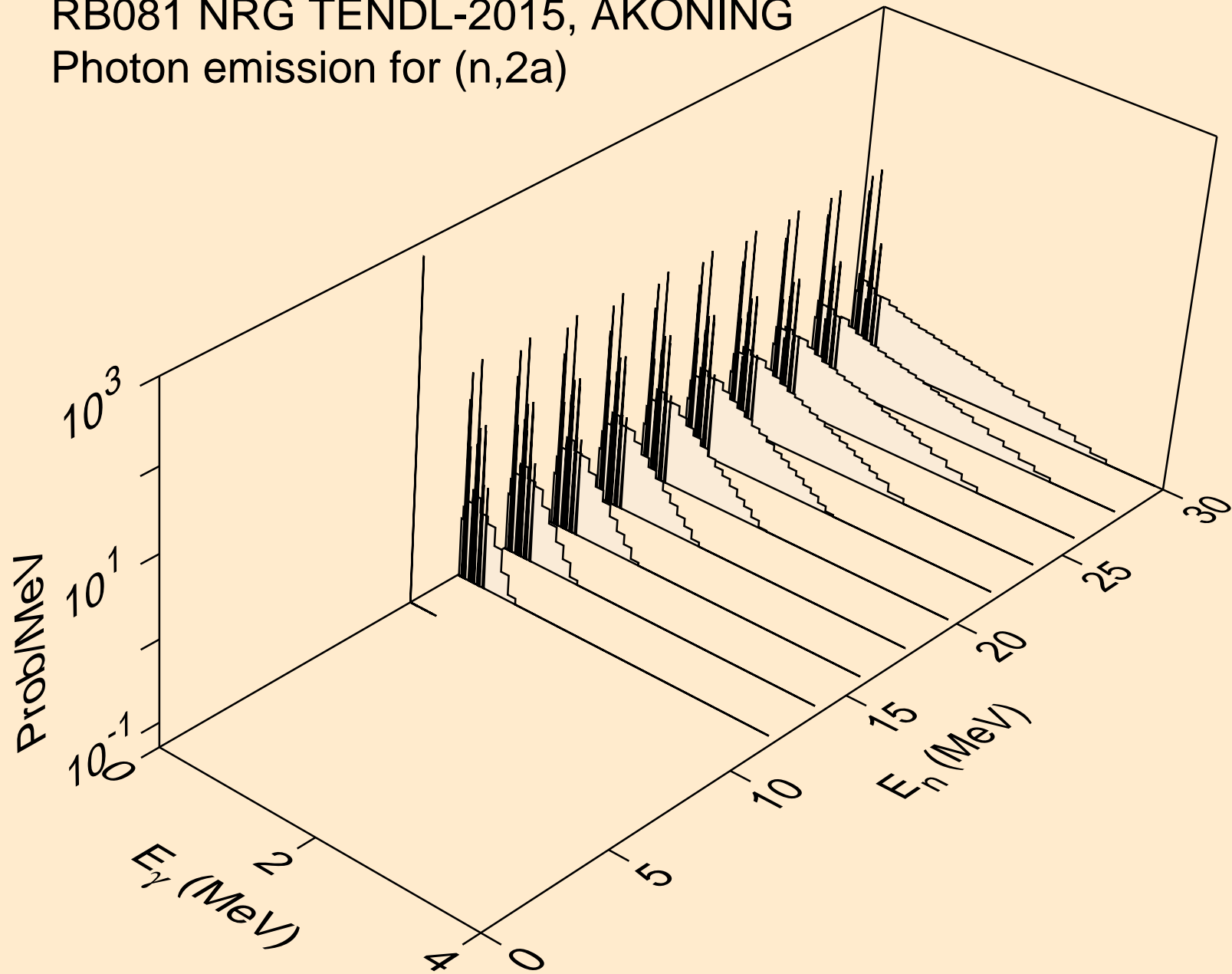
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

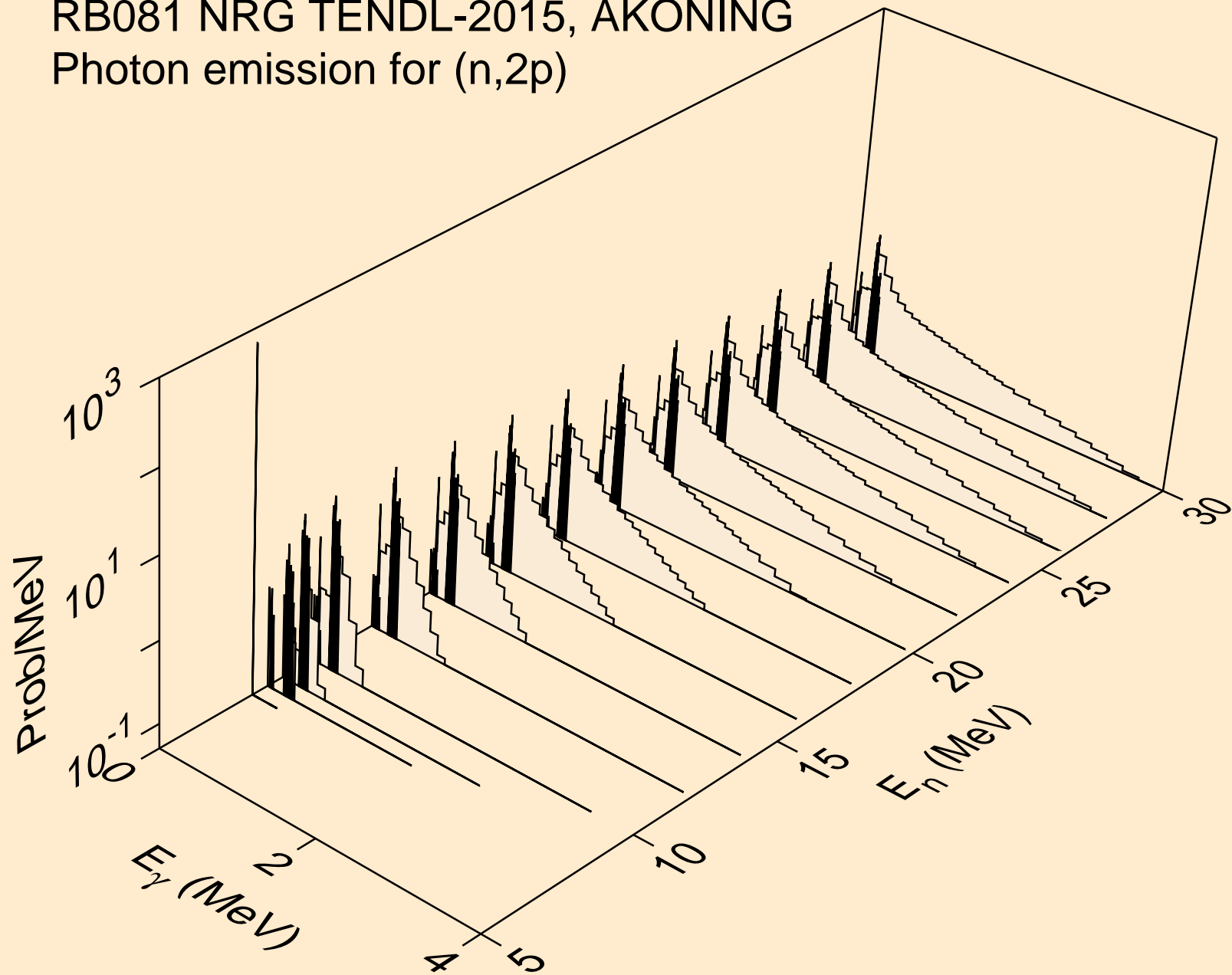


RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

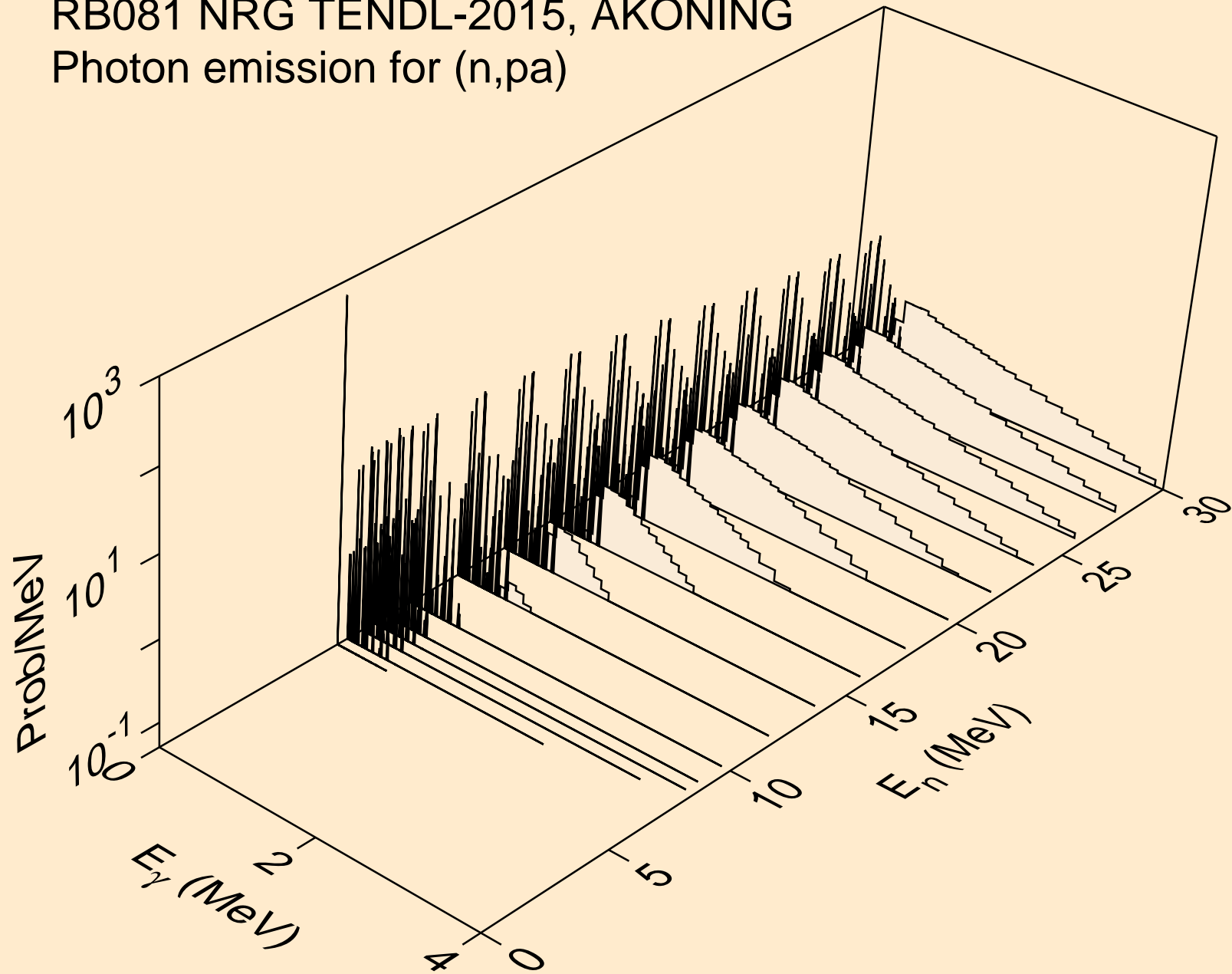




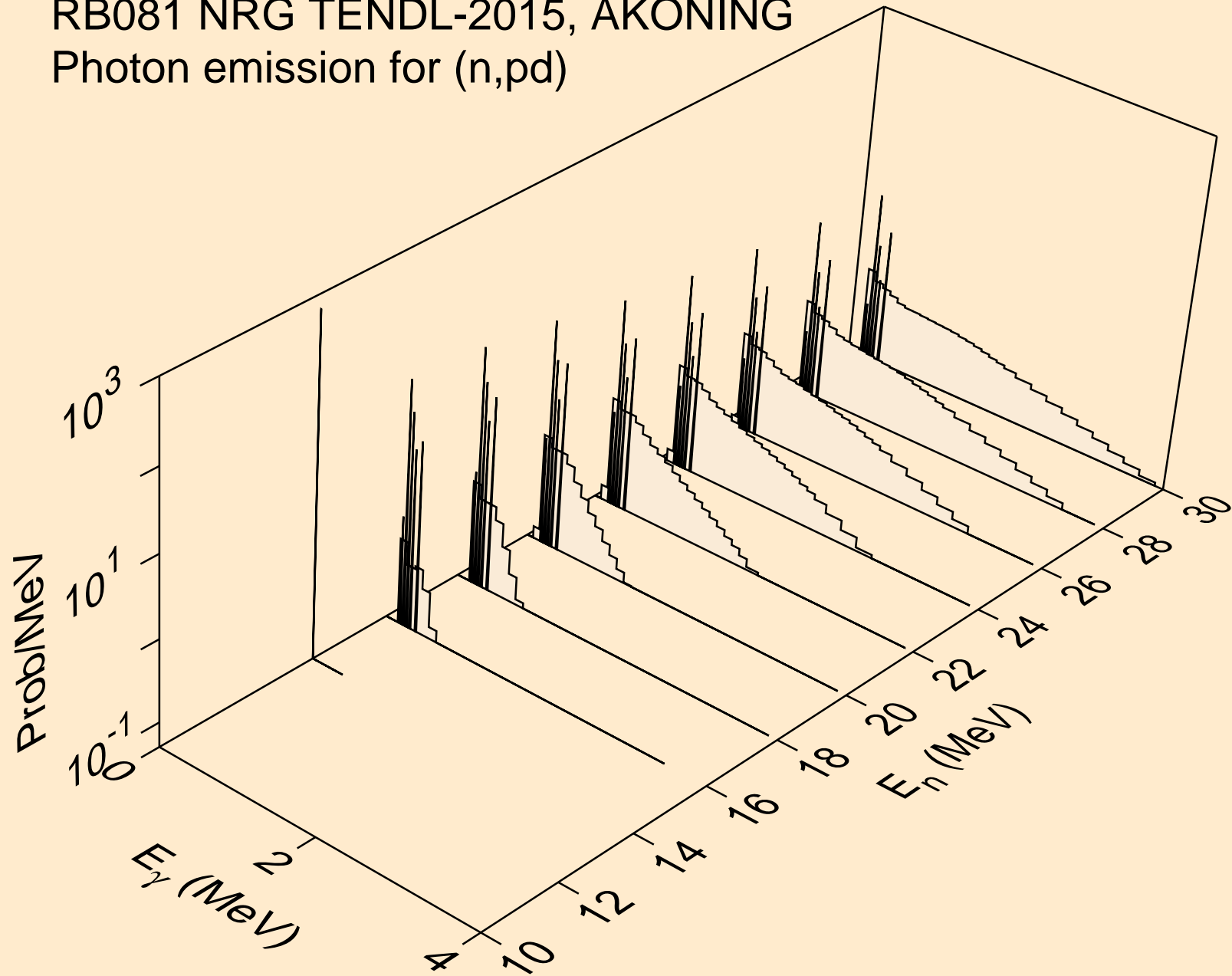
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Photon emission for (n,2p)



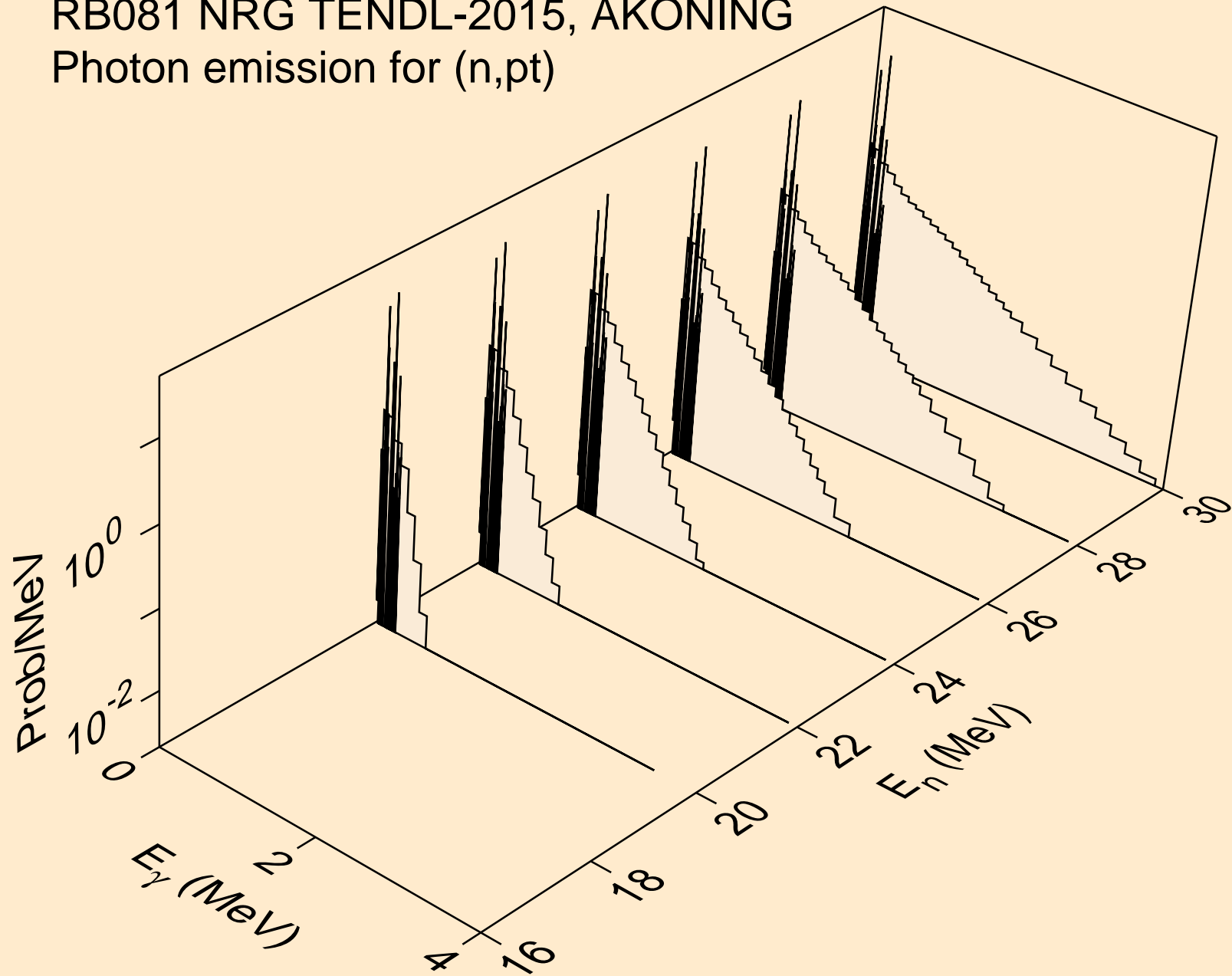
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



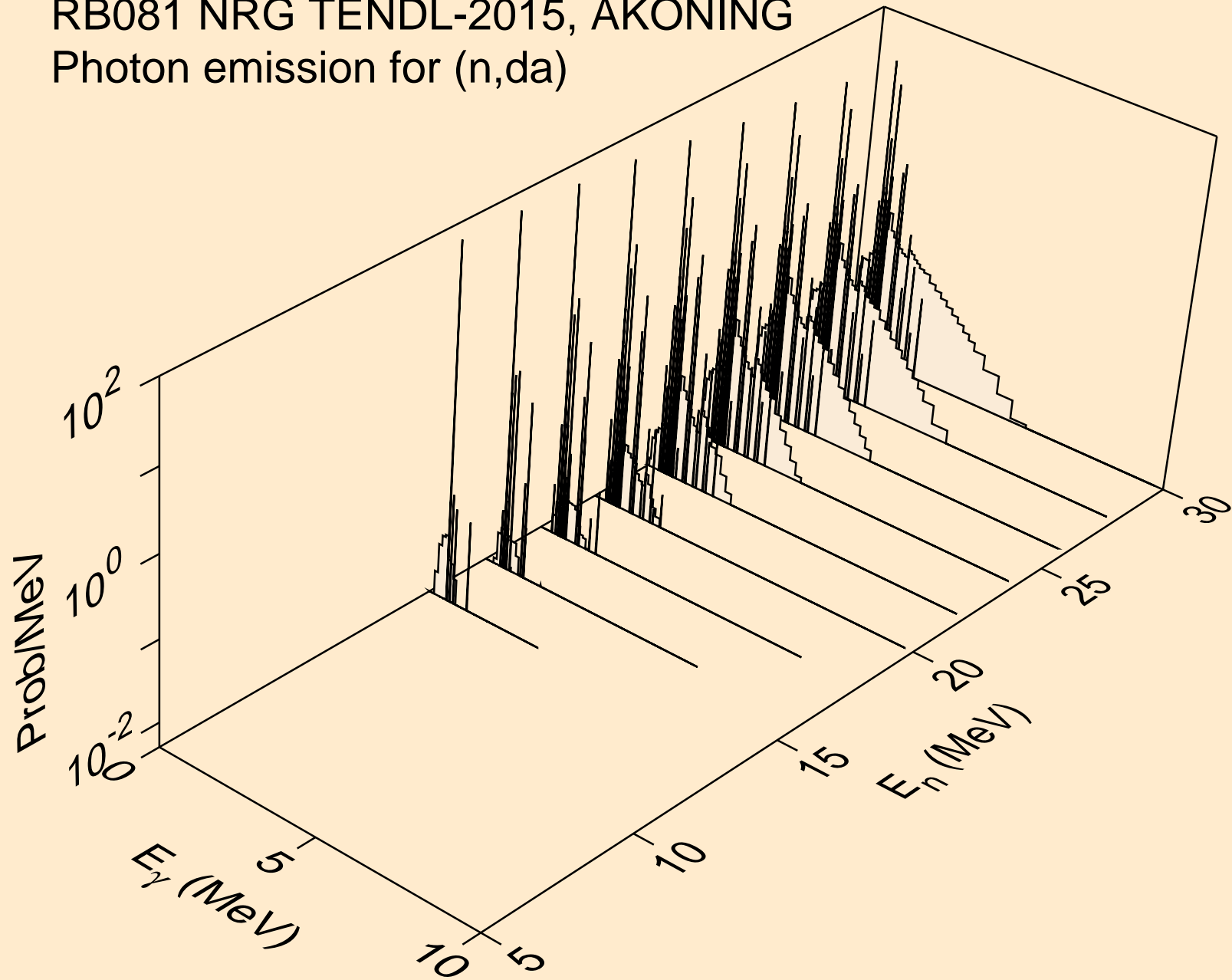
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



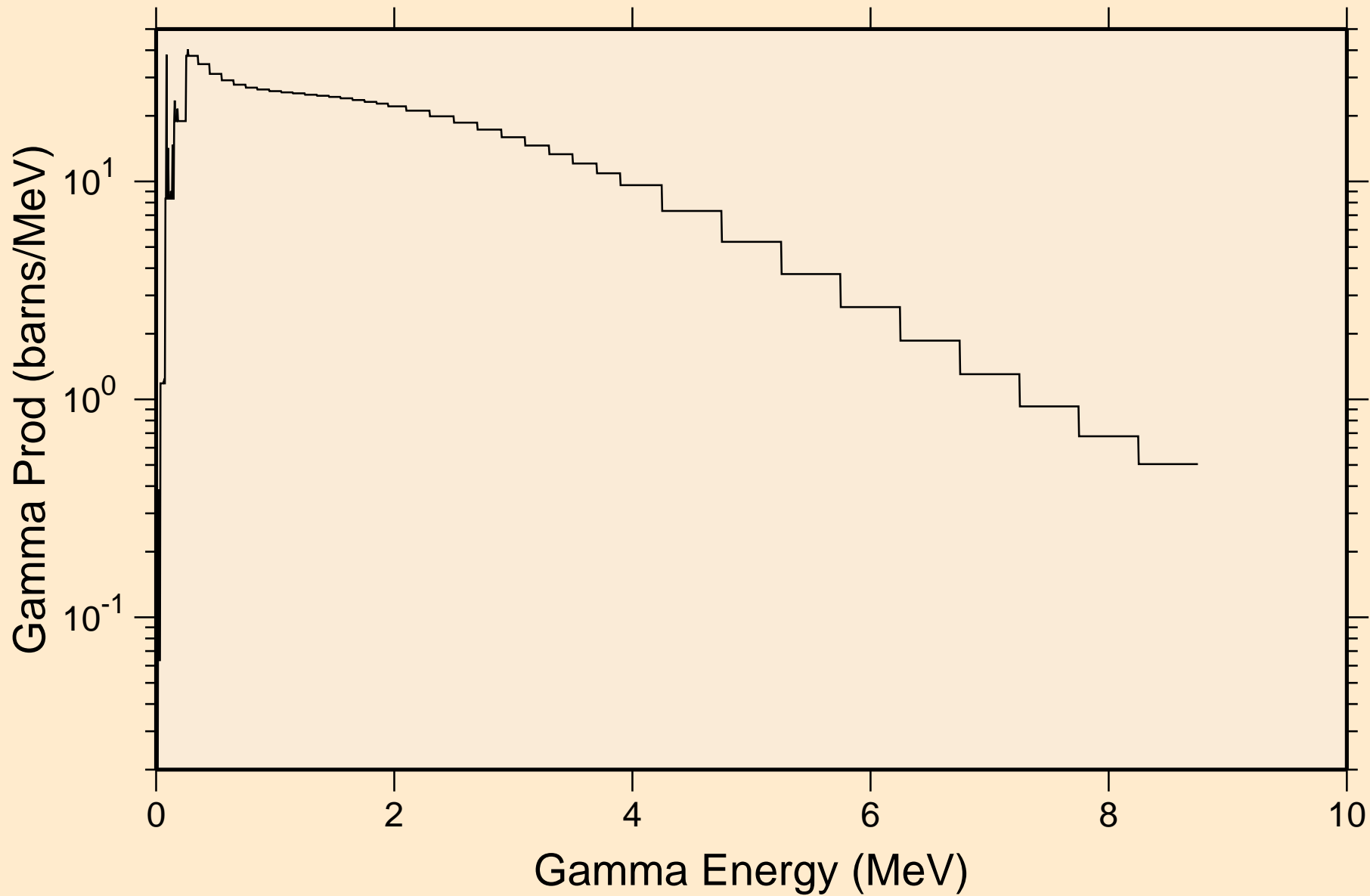
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



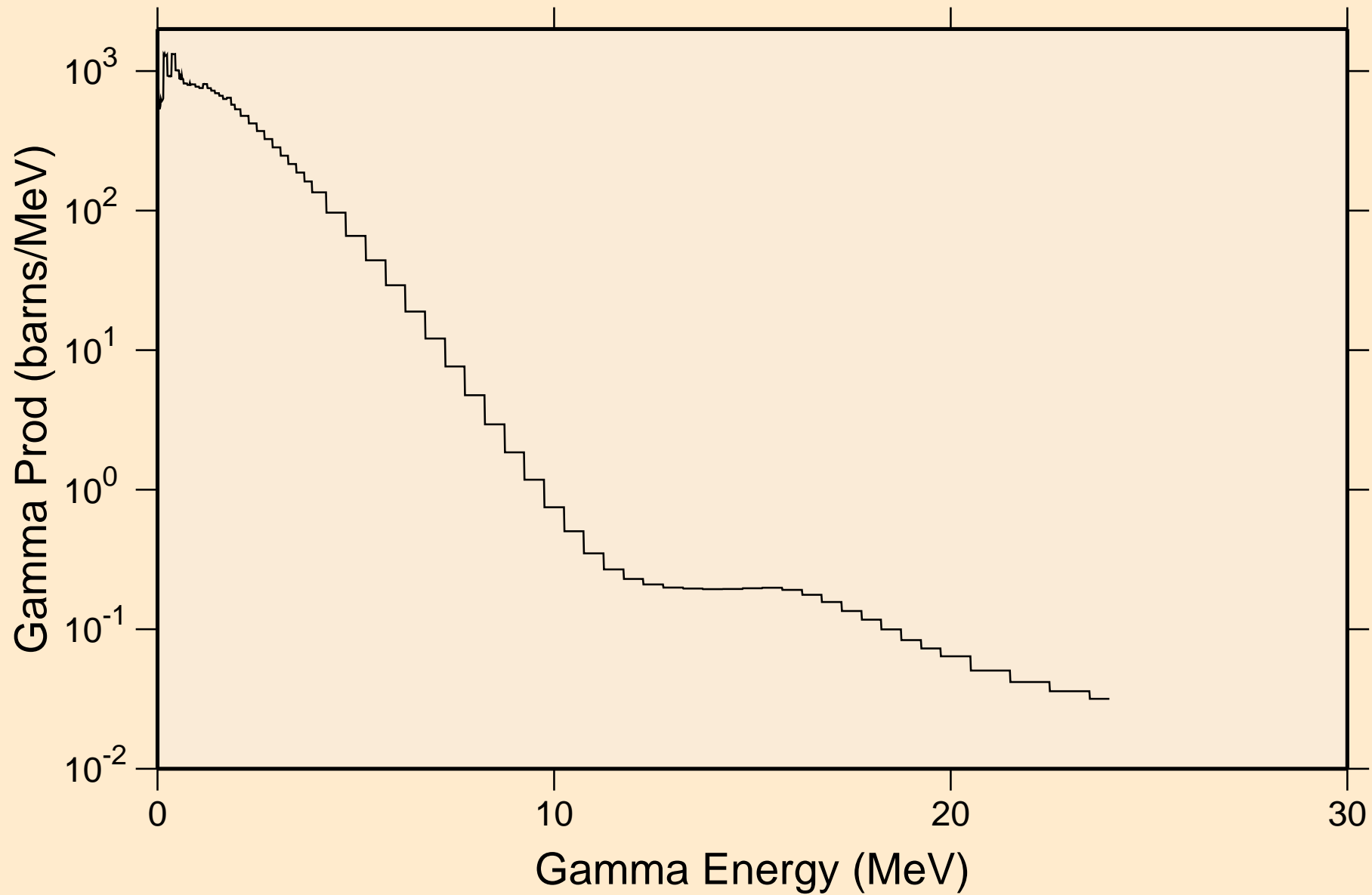
RB081 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RB081 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

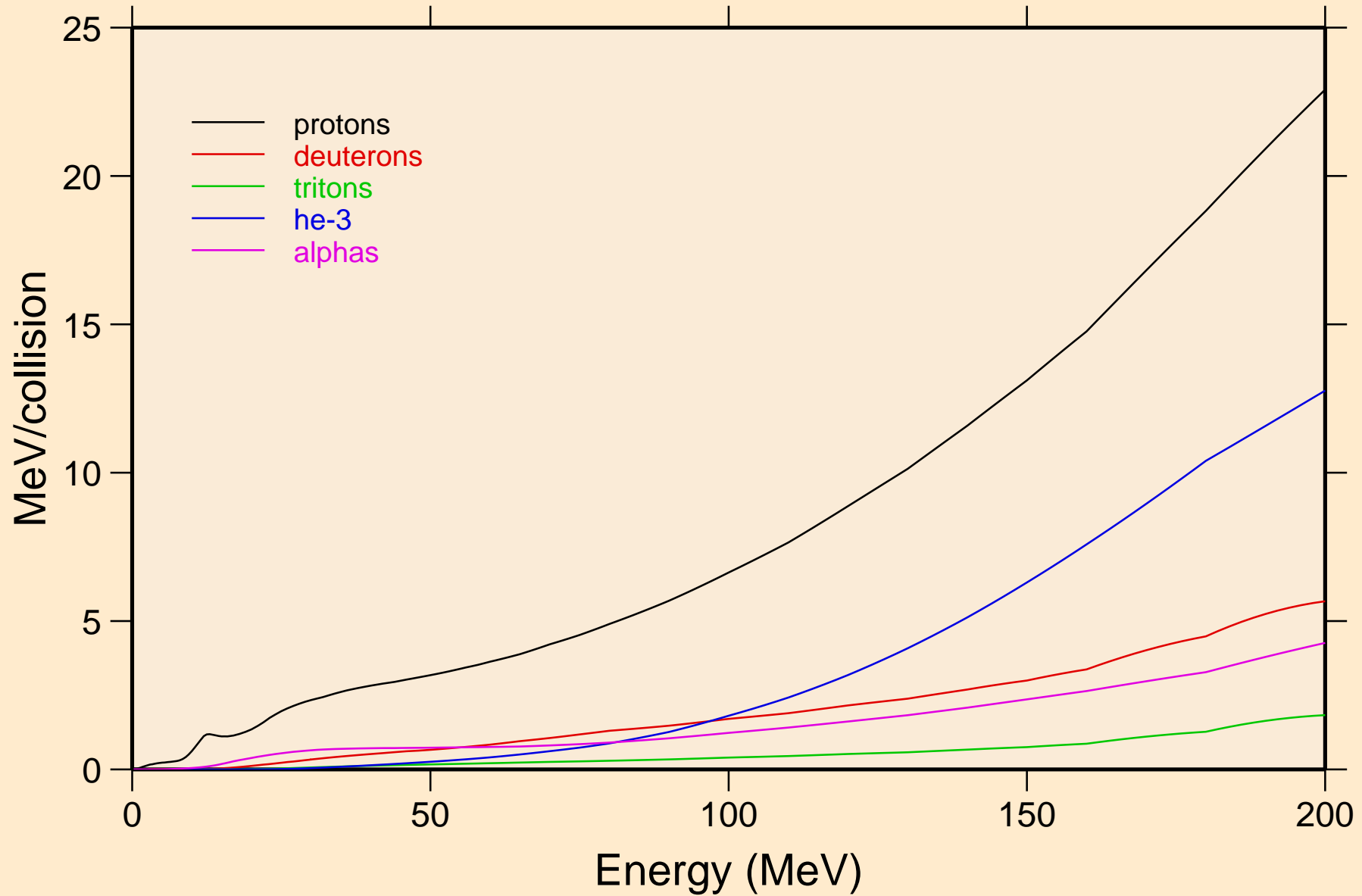


RB081 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# RB081 NRG TENDL-2015, AKONING

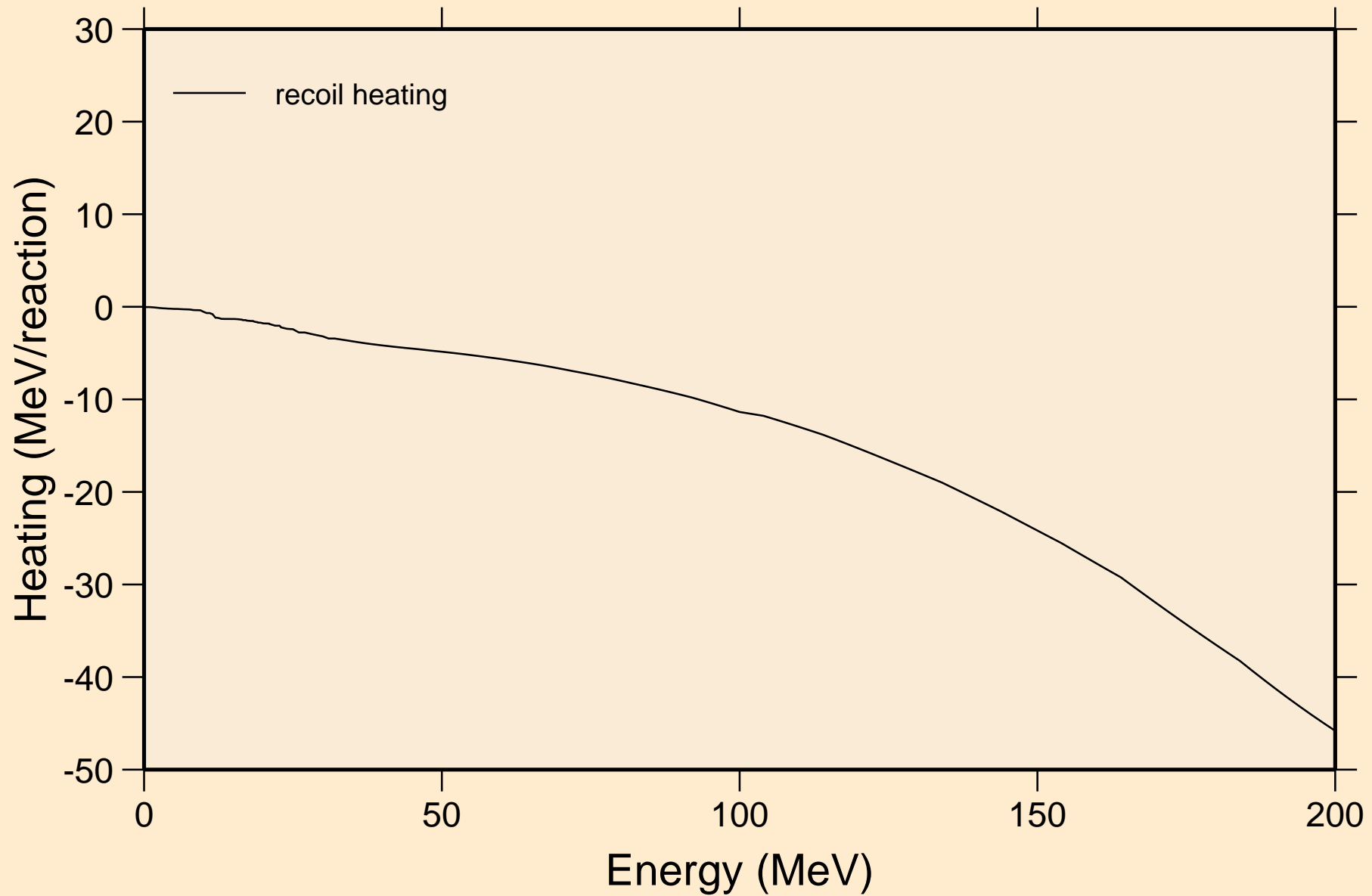
## Particle heating contributions





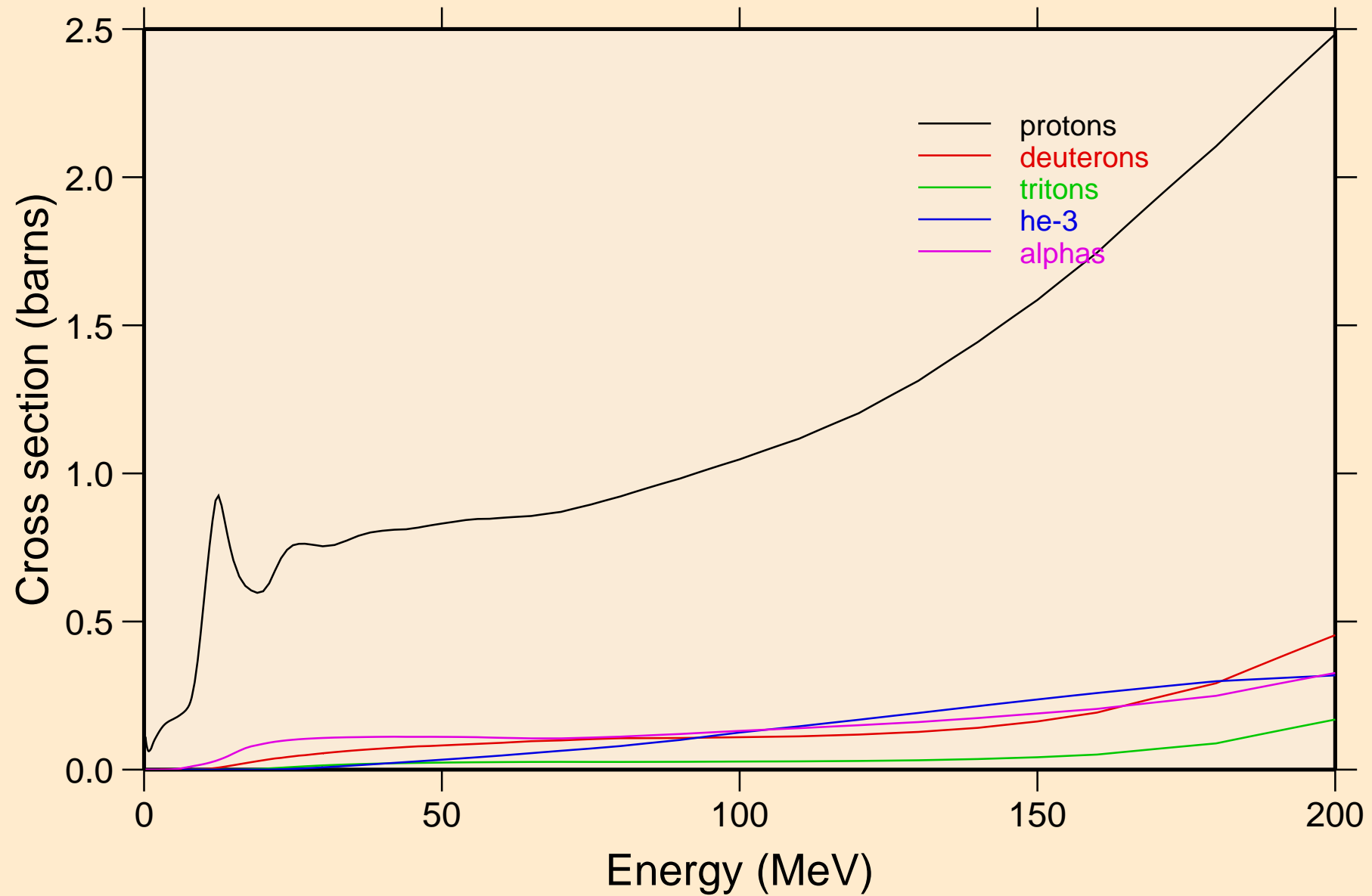
# RB081 NRG TENDL-2015, AKONING

## Recoil Heating

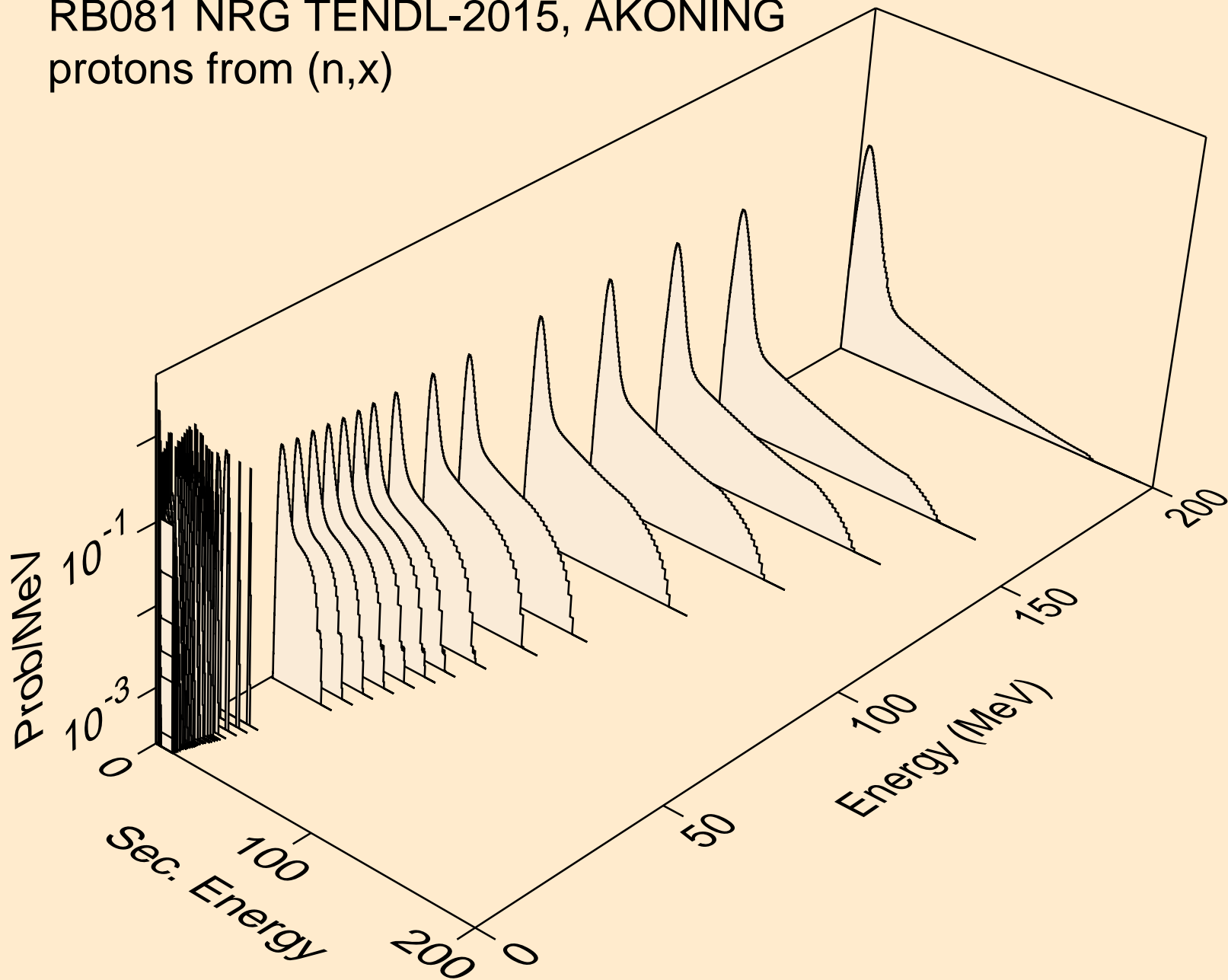


# RB081 NRG TENDL-2015, AKONING

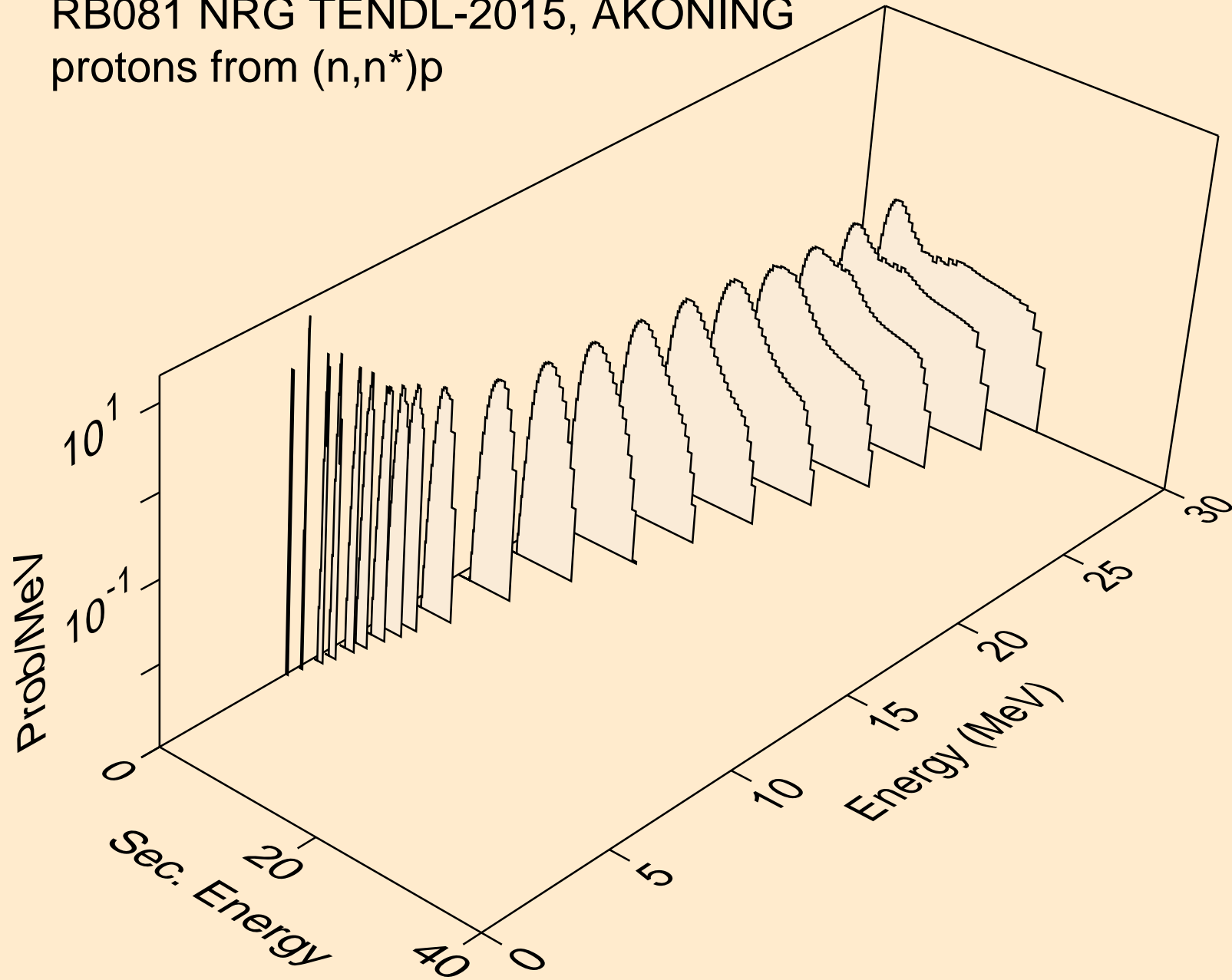
## Particle production cross sections



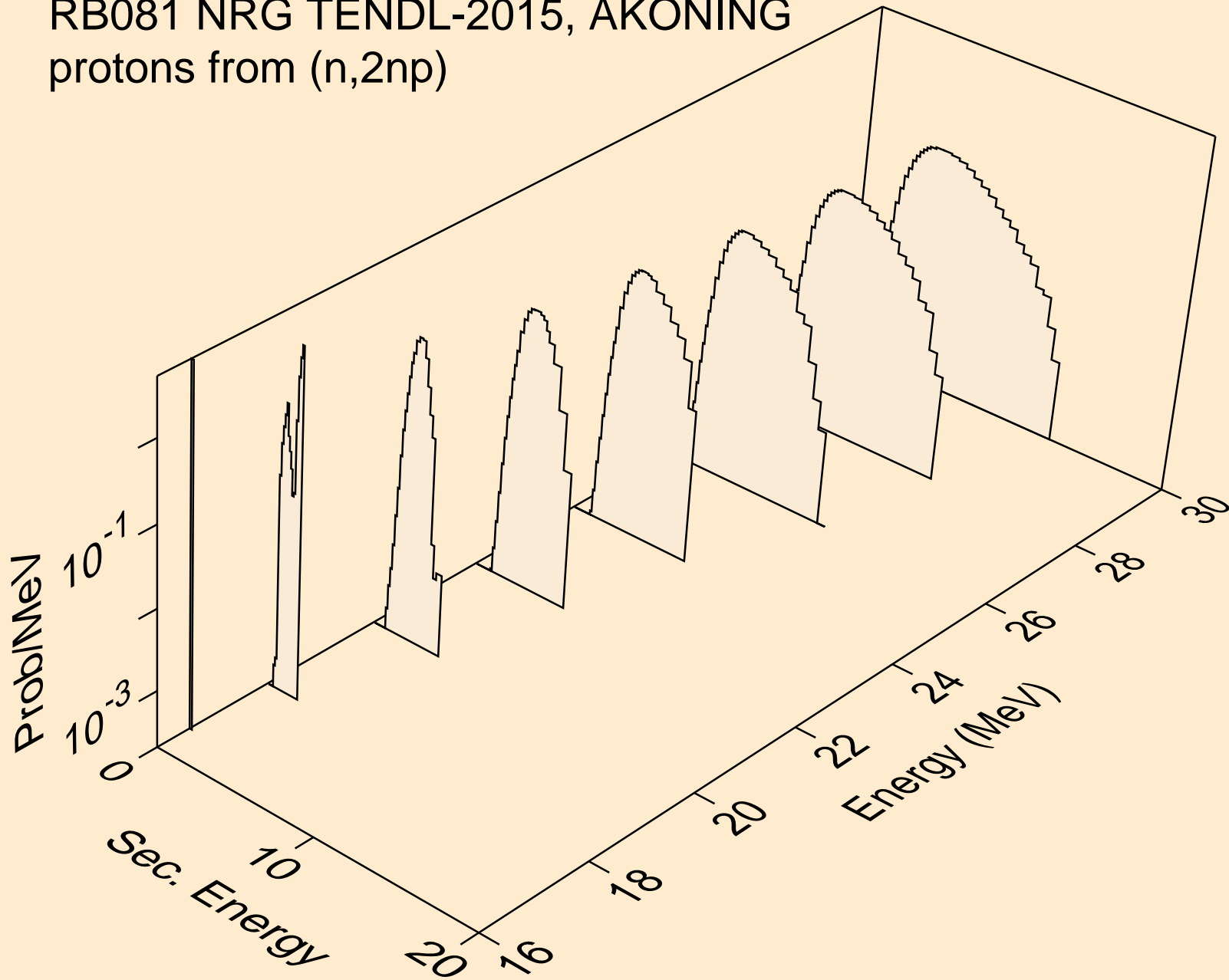
RB081 NRG TENDL-2015, AKONING  
protons from (n,x)



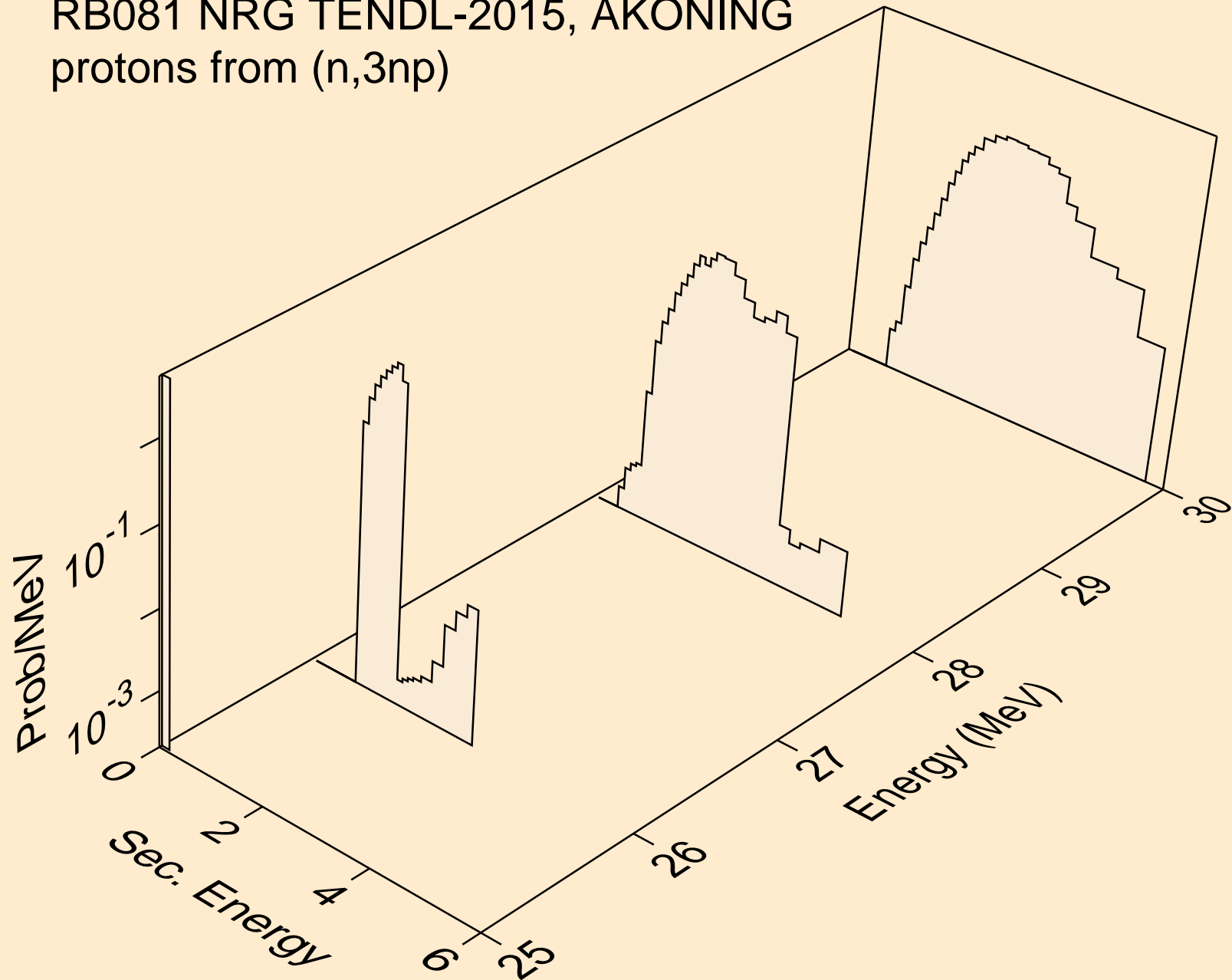
RB081 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



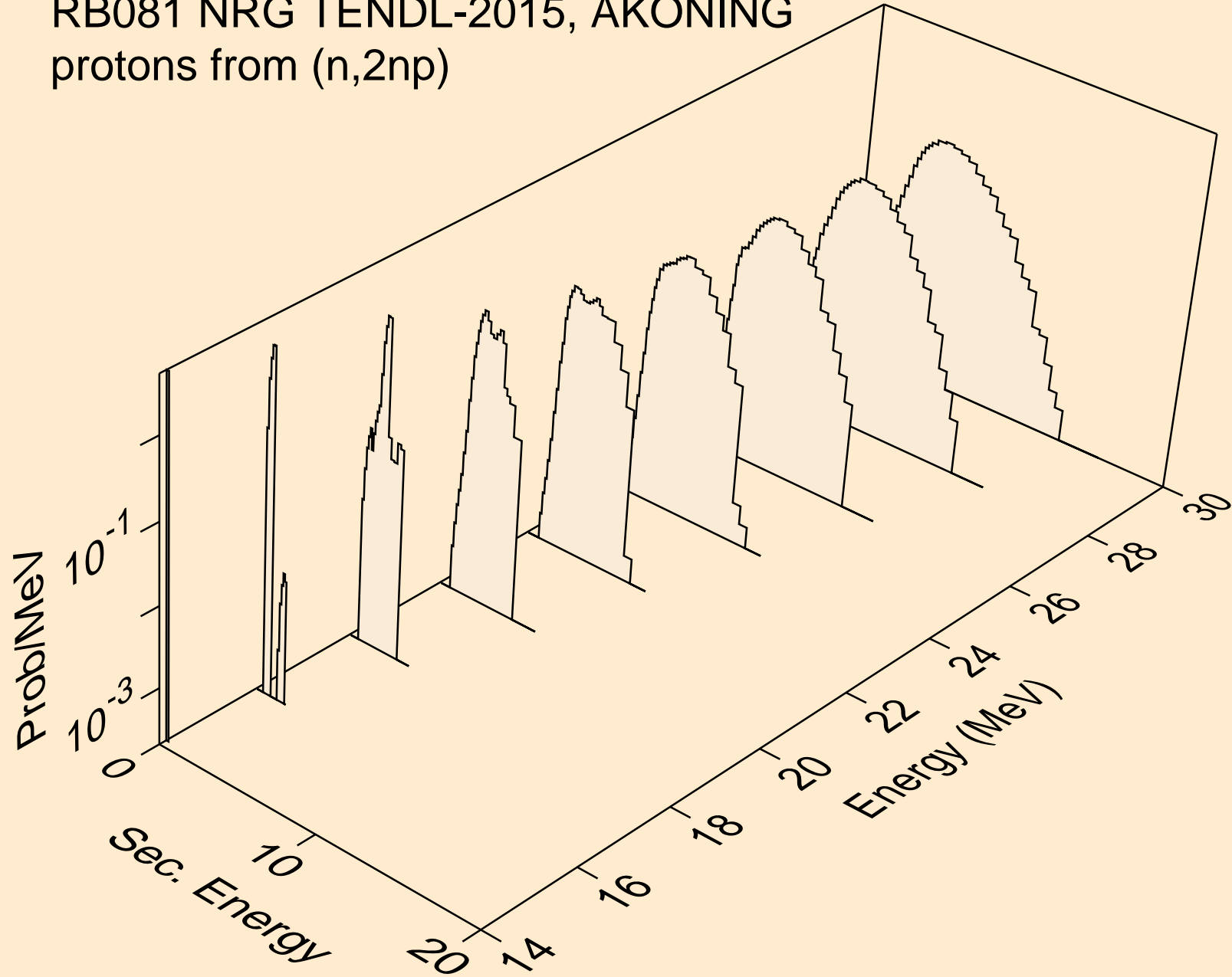
RB081 NRG TENDL-2015, AKONING  
protons from (n,2np)



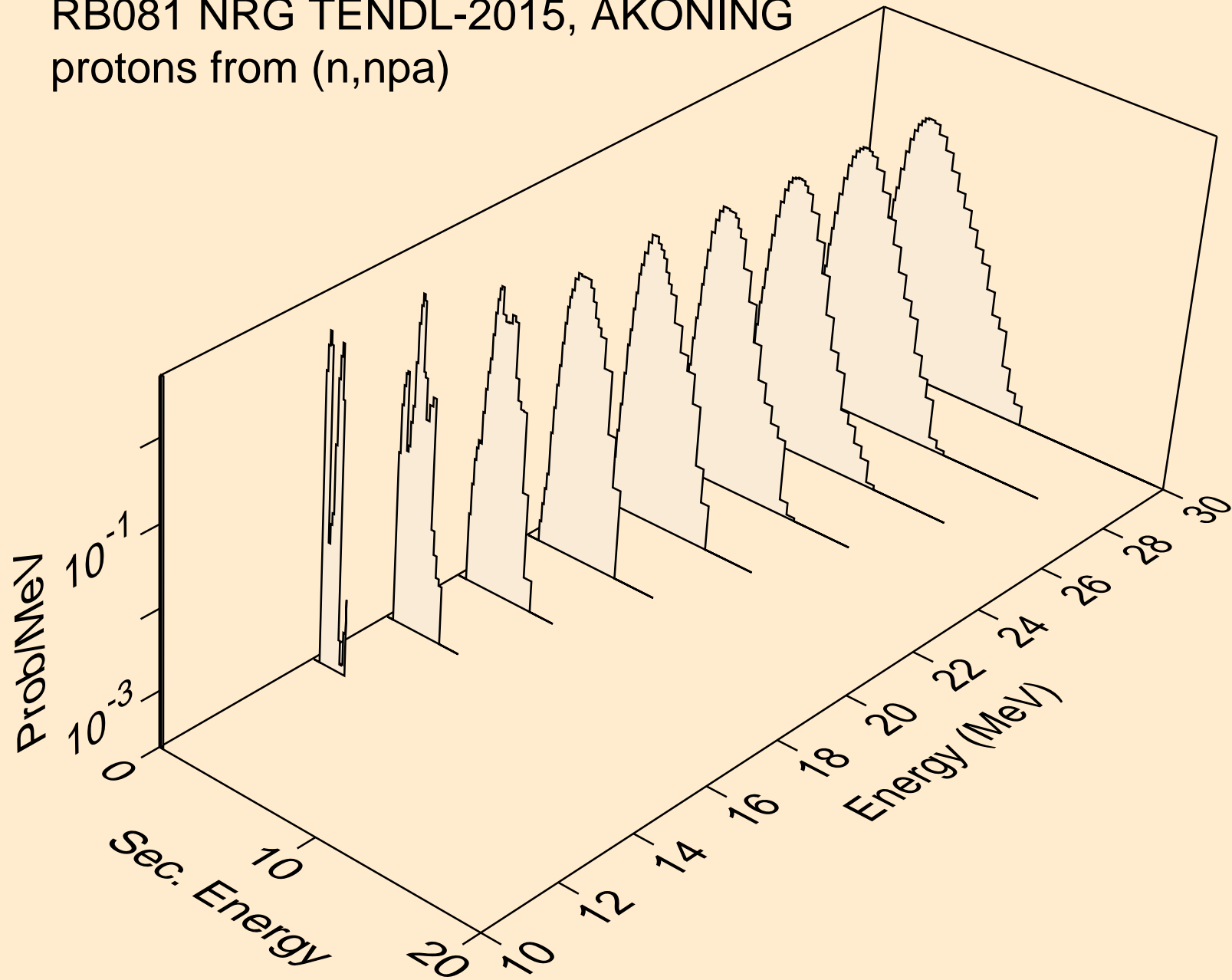
RB081 NRG TENDL-2015, AKONING  
protons from (n,3np)



RB081 NRG TENDL-2015, AKONING  
protons from (n,2np)

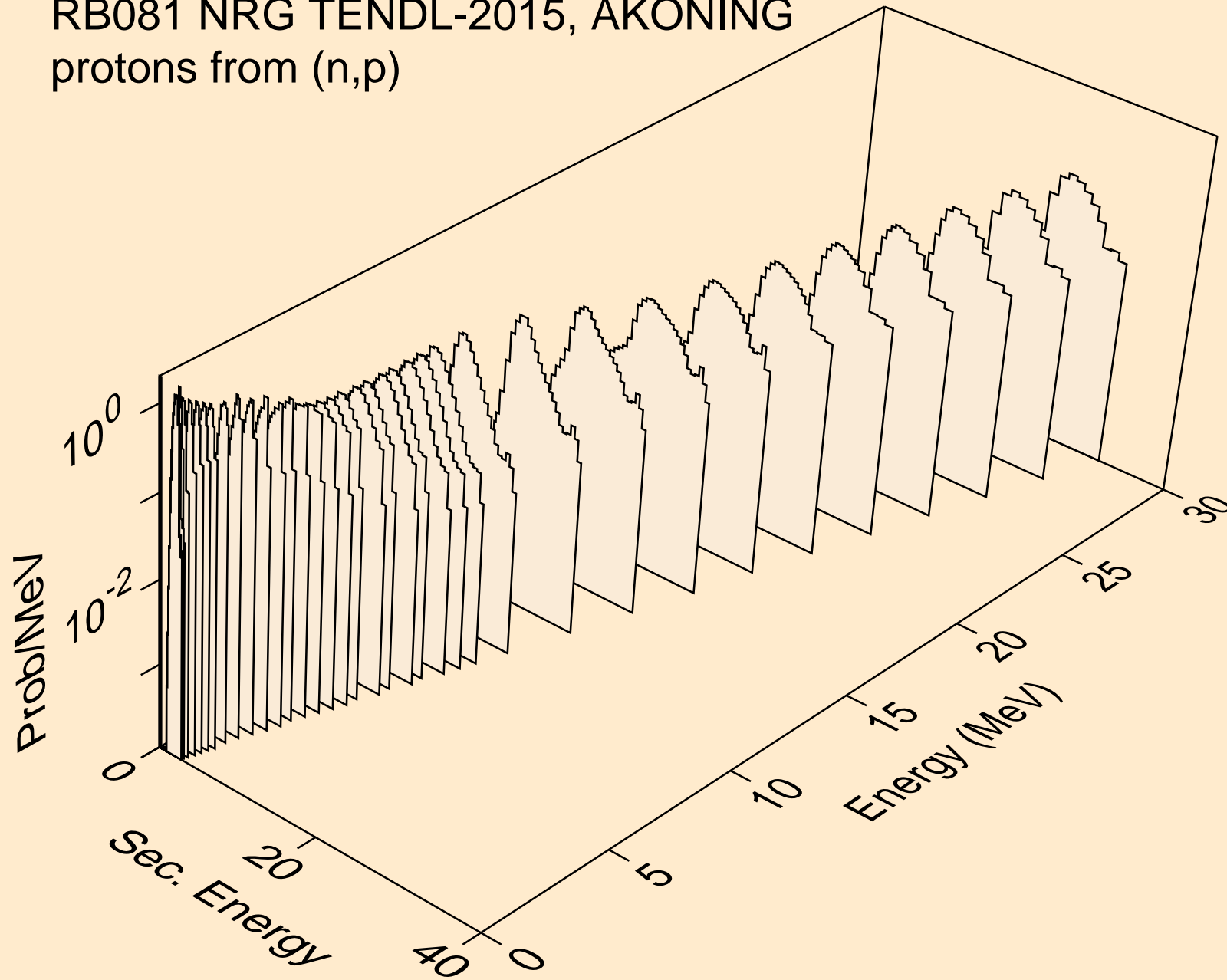


RB081 NRG TENDL-2015, AKONING  
protons from (n,npa)

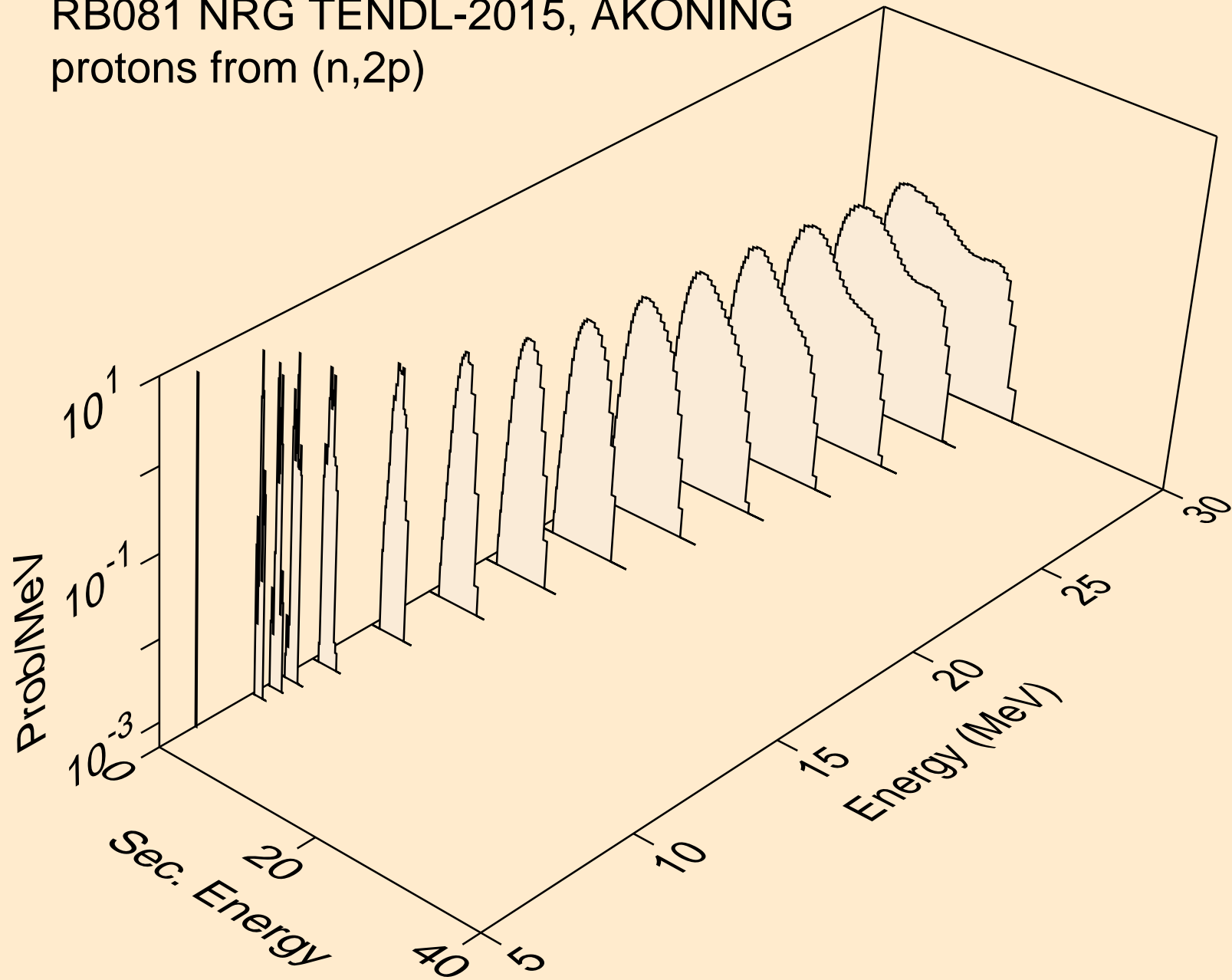




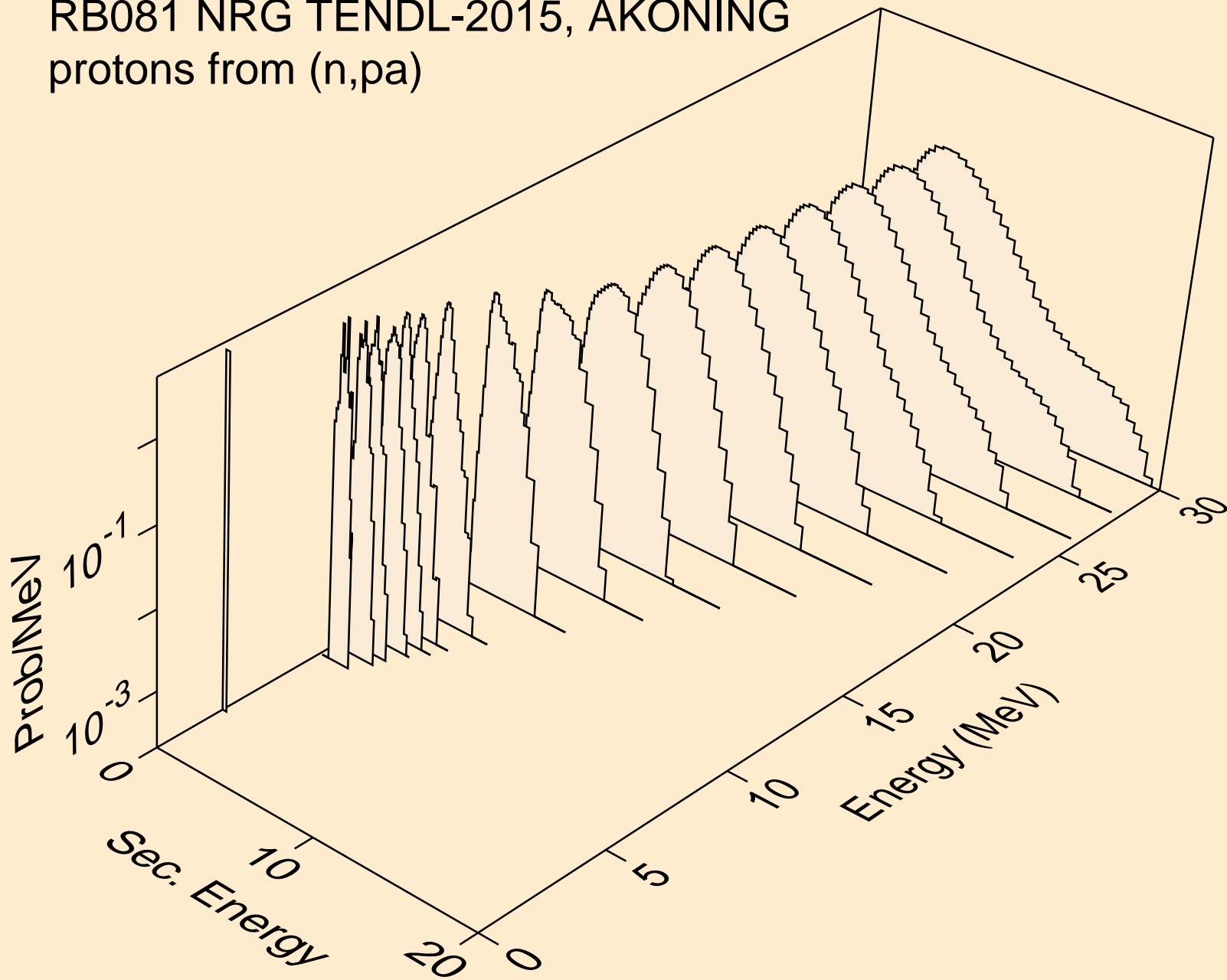
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protons from (n,p)



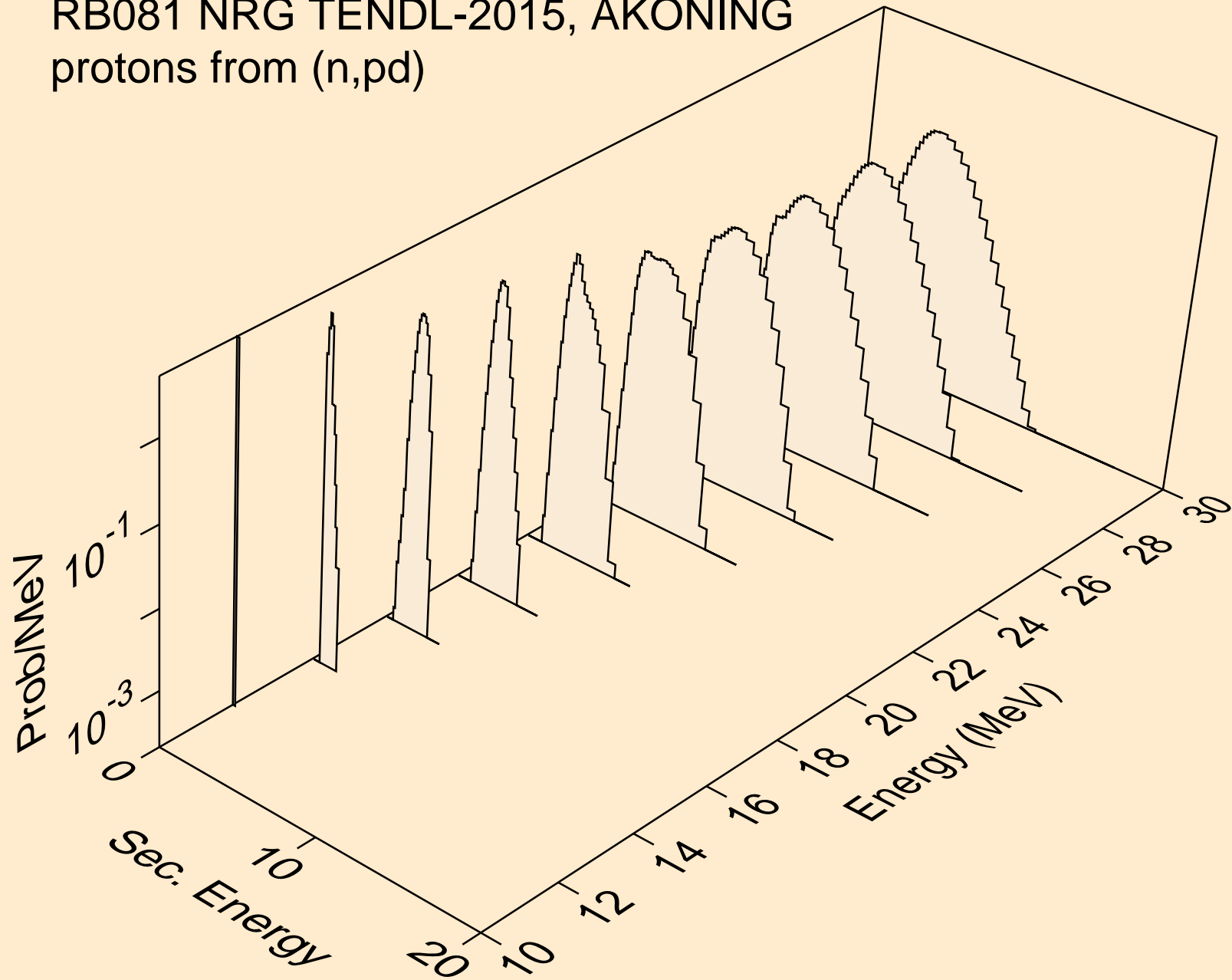
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protons from (n,2p)



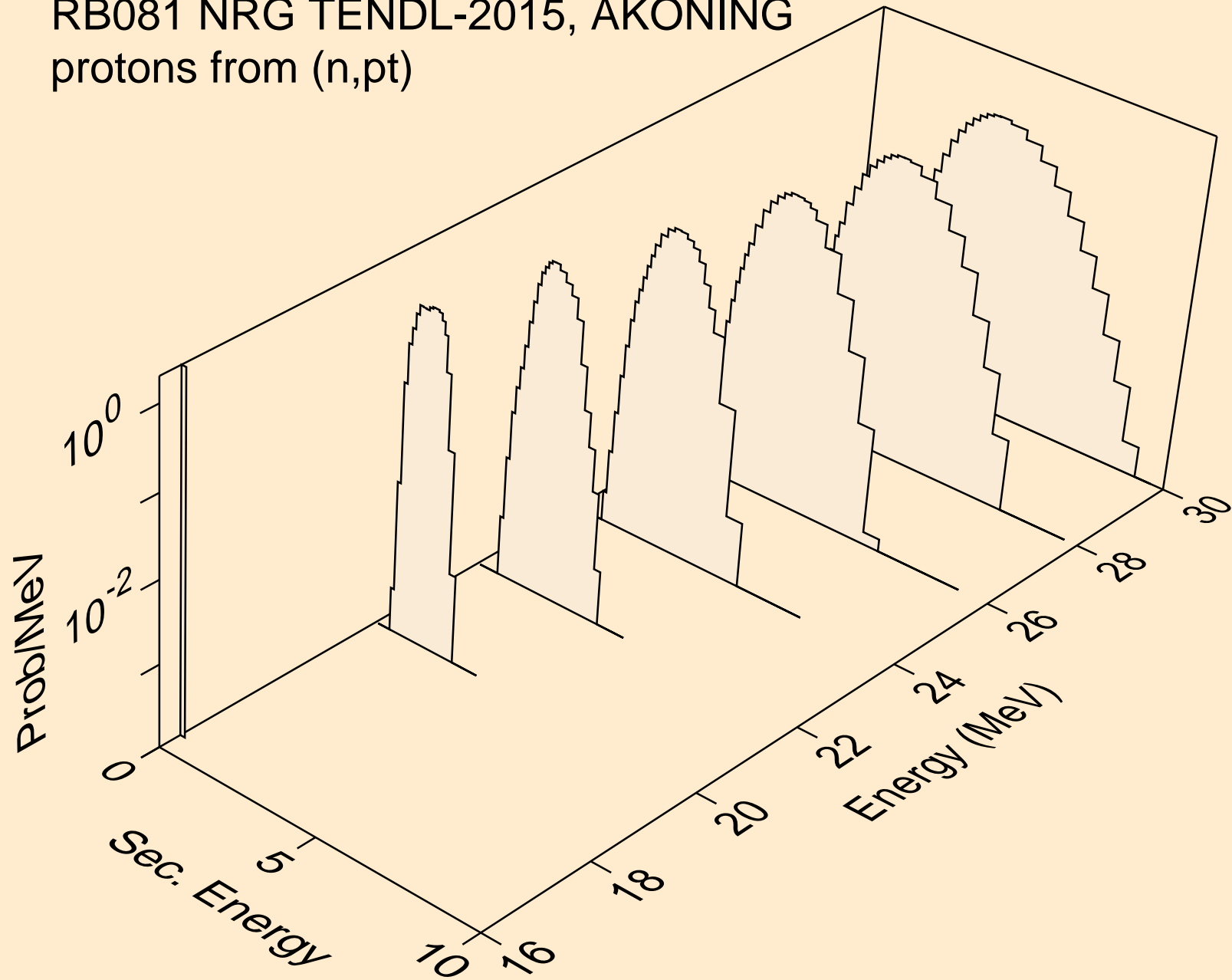
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protons from (n,pa)



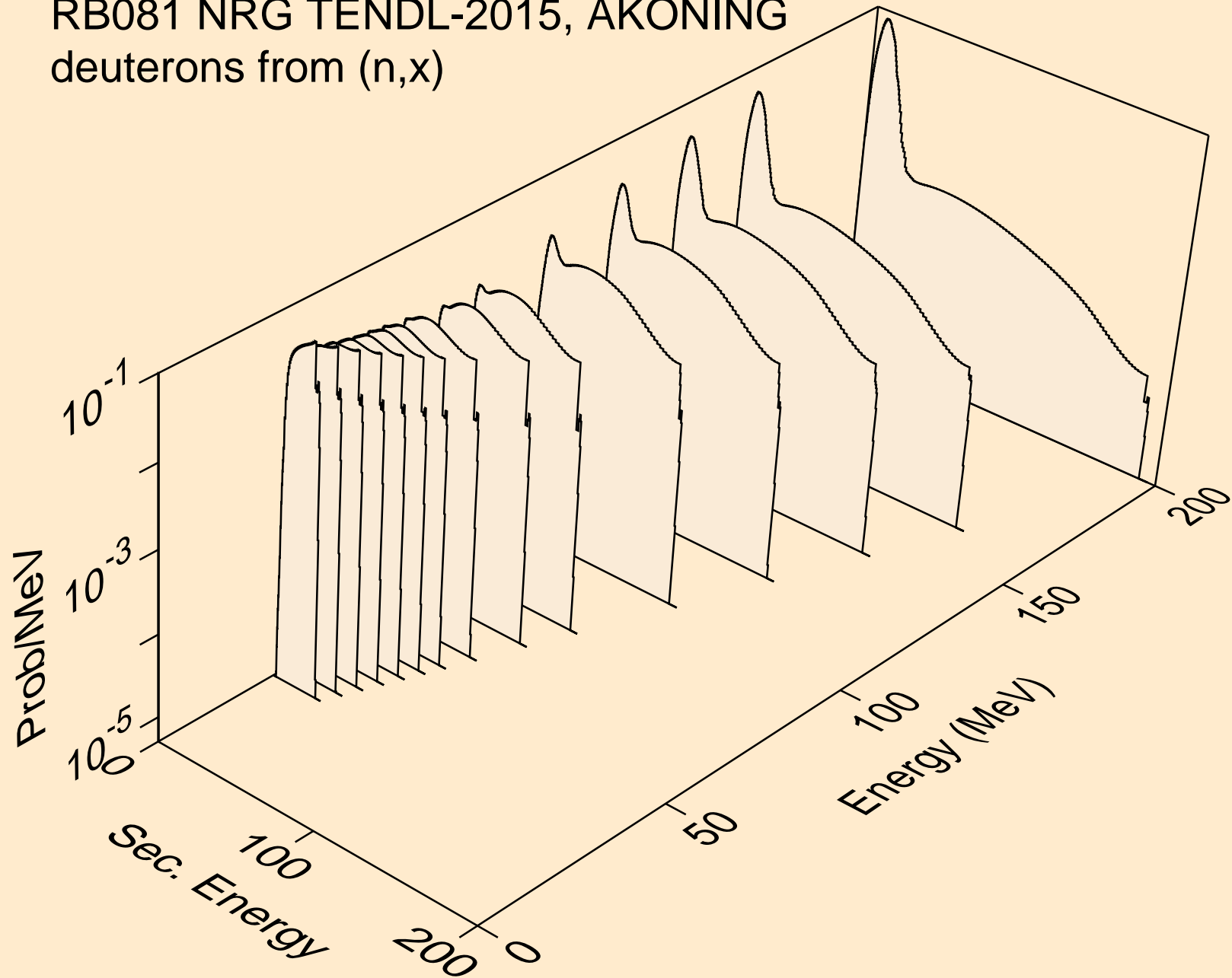
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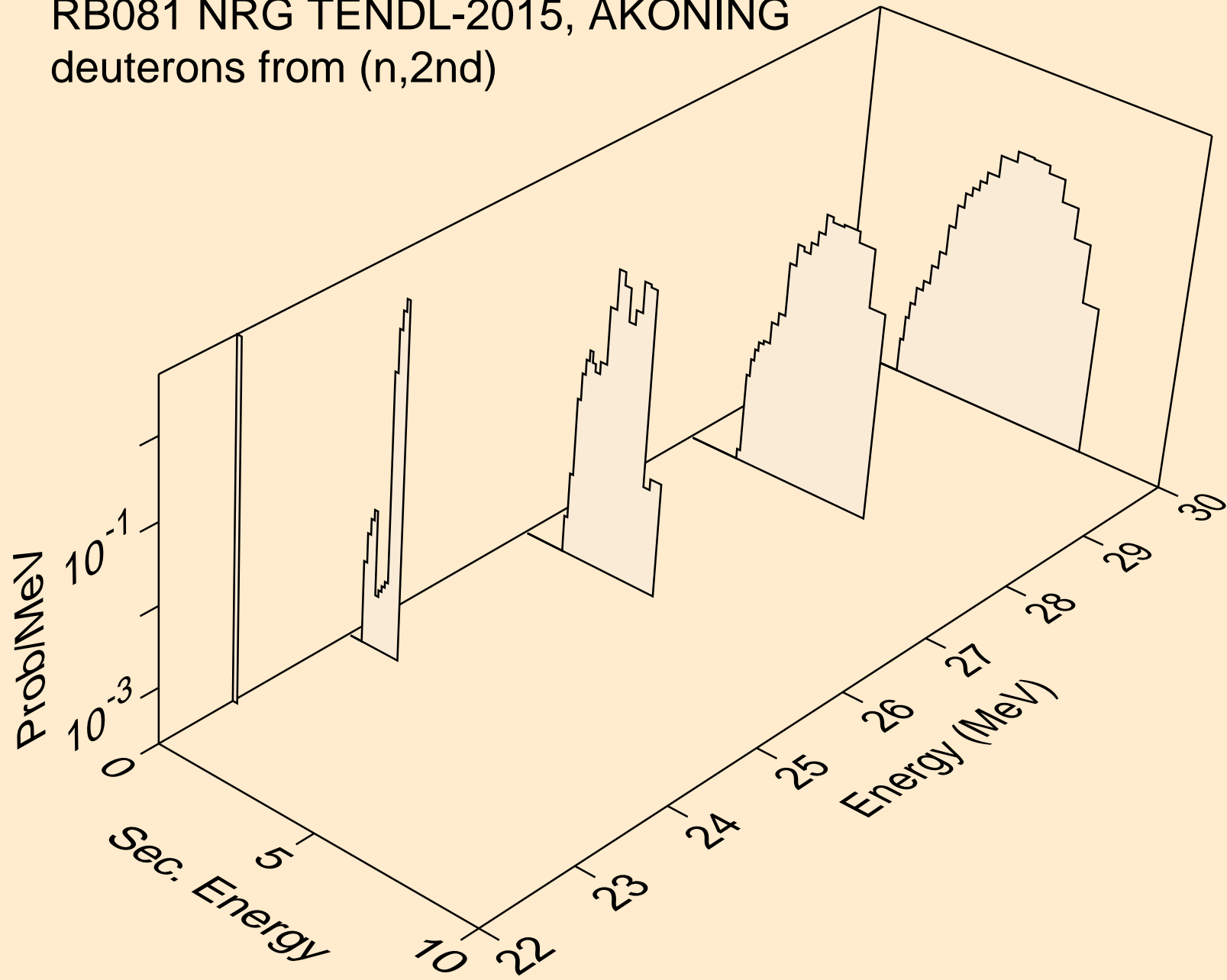
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protons from (n,pt)



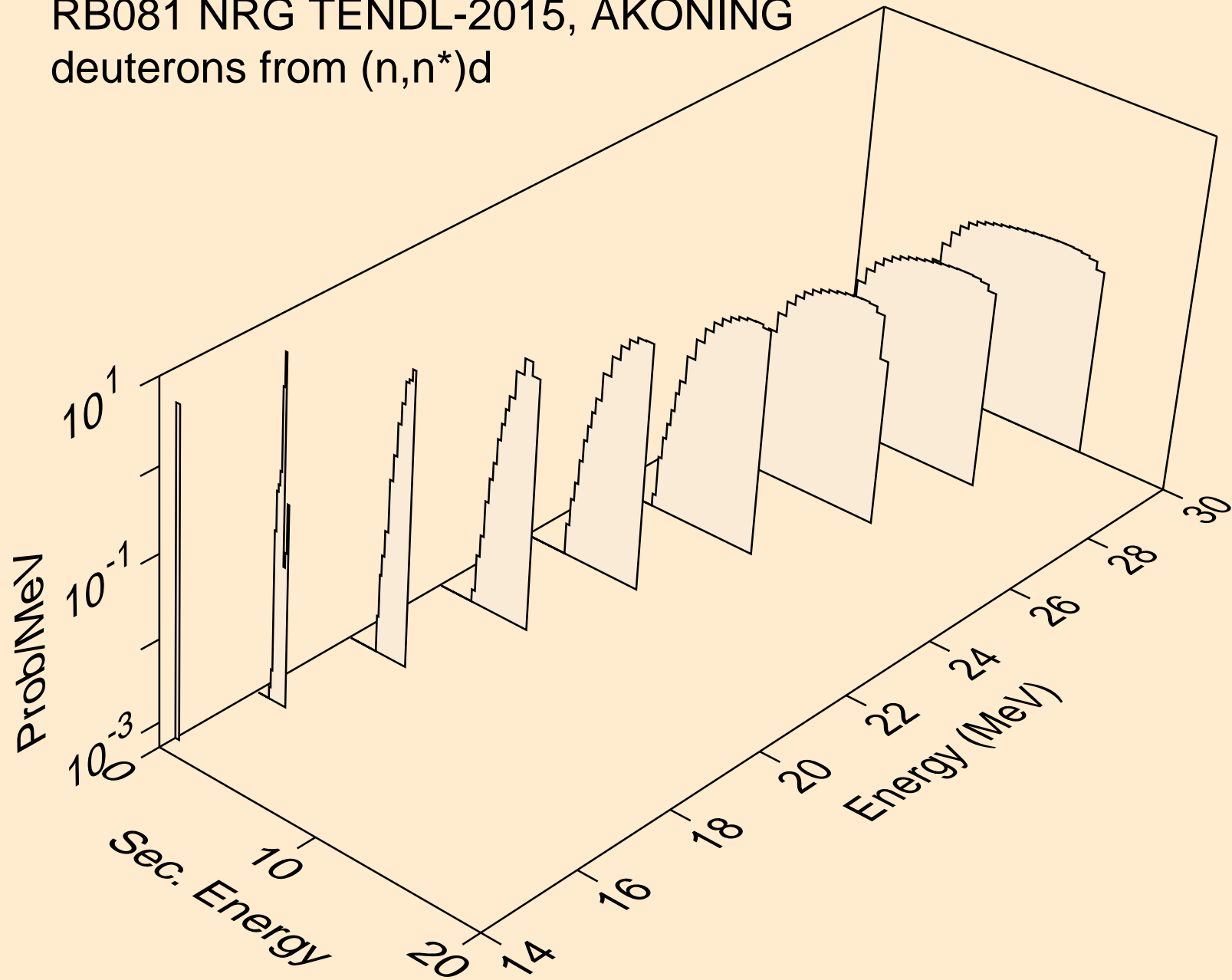
RB081 NRG TENDL-2015, AKONING  
deuterons from (n,x)



RB081 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

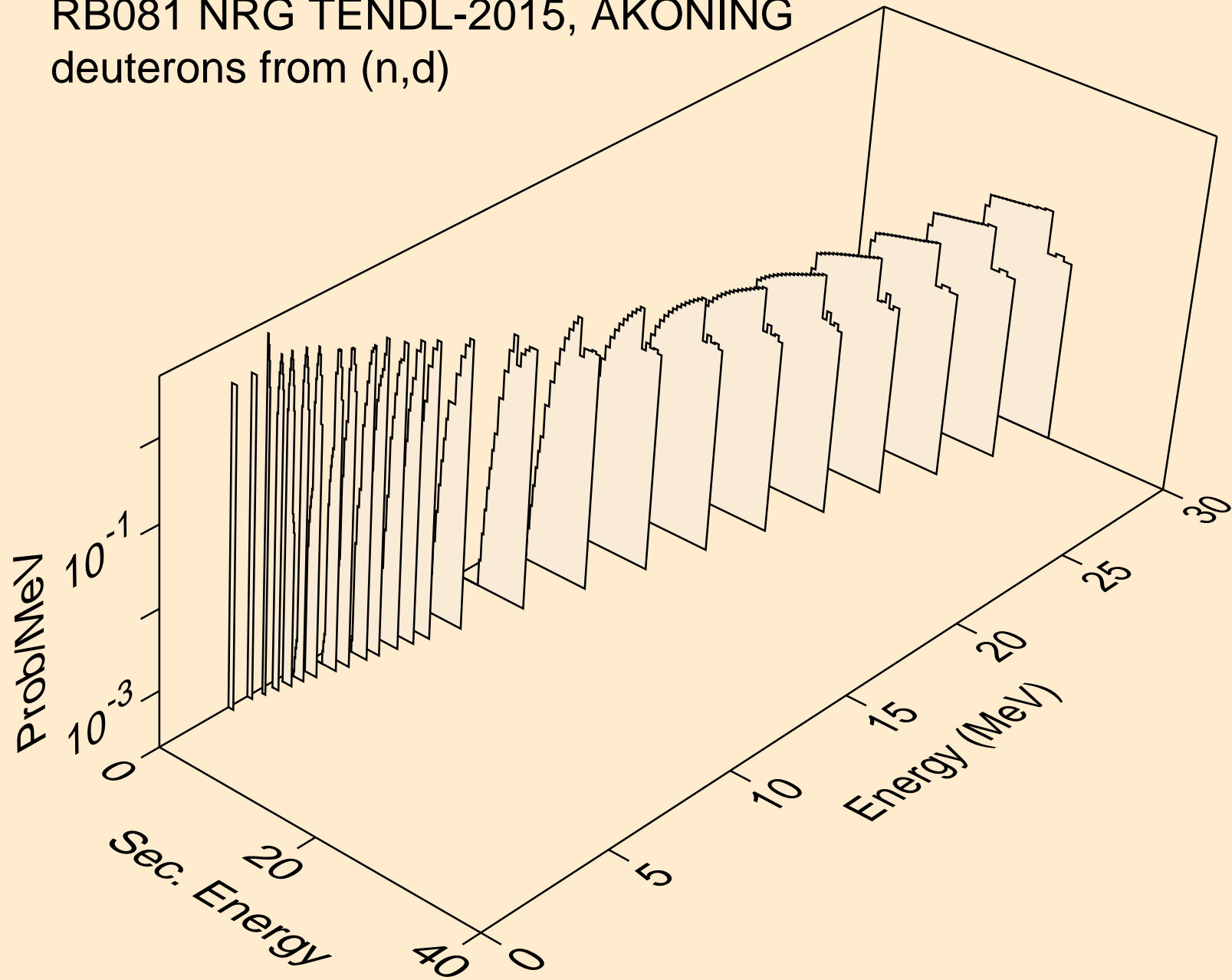


RB081 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

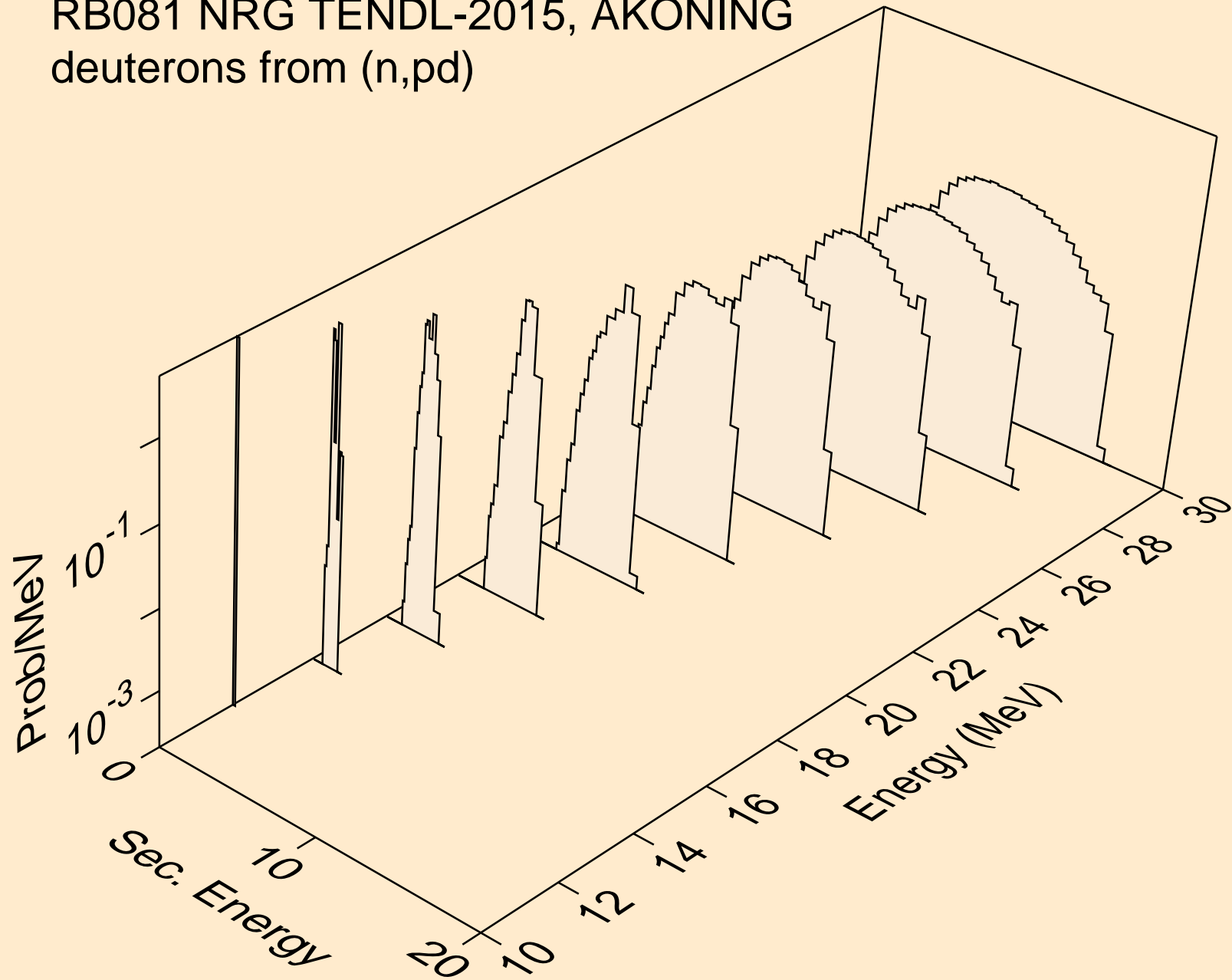




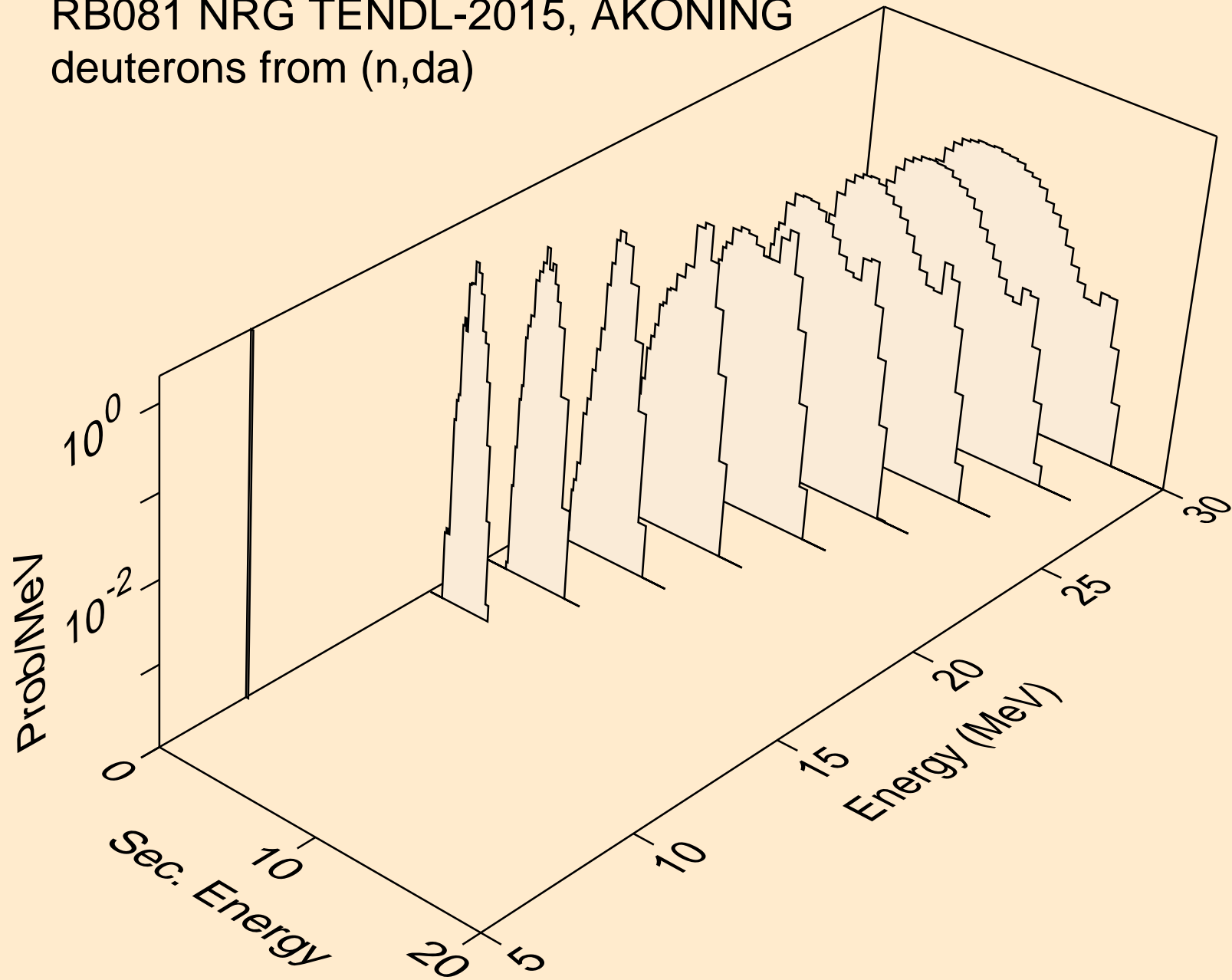
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deuterons from (n,d)



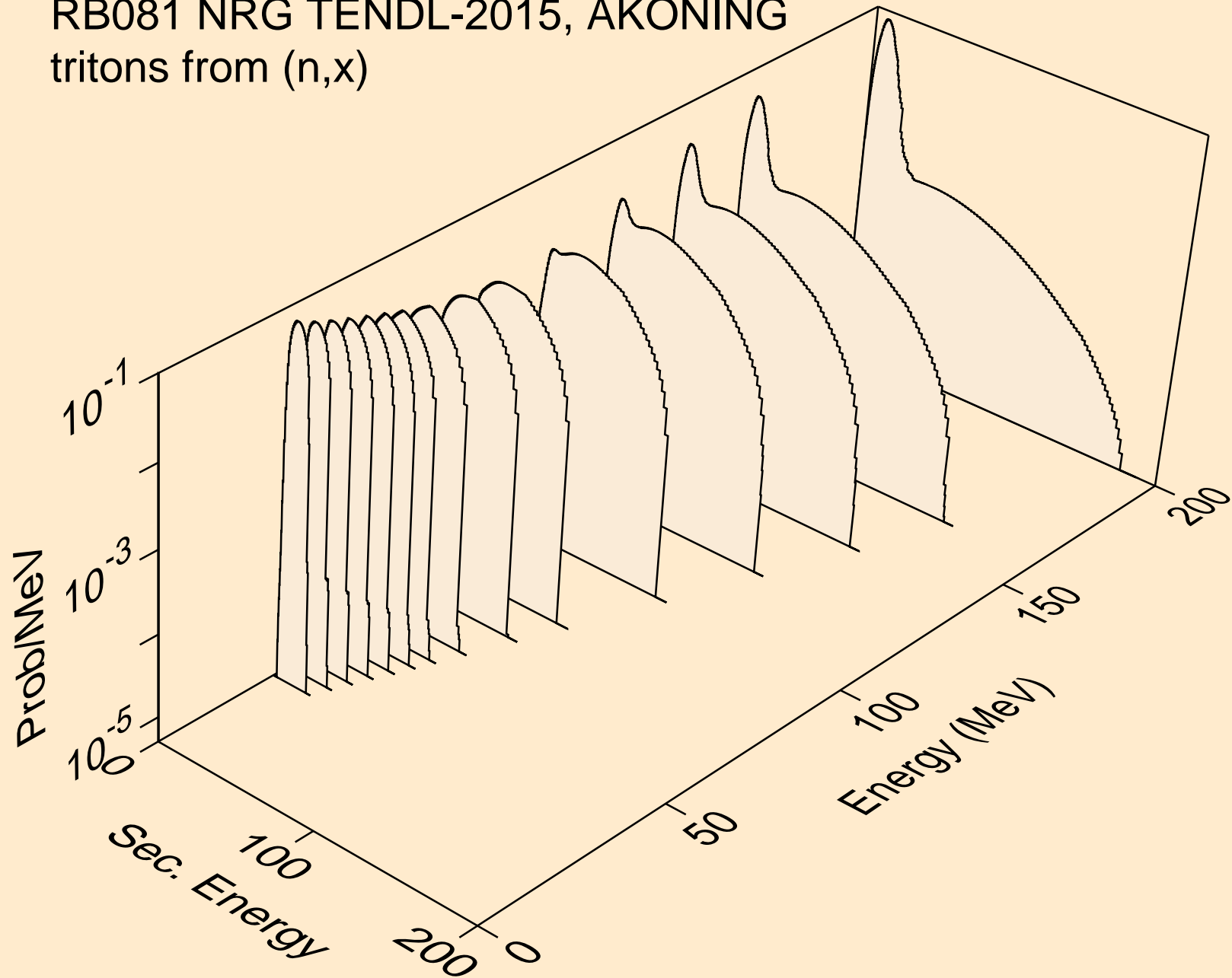
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deuterons from (n,pd)



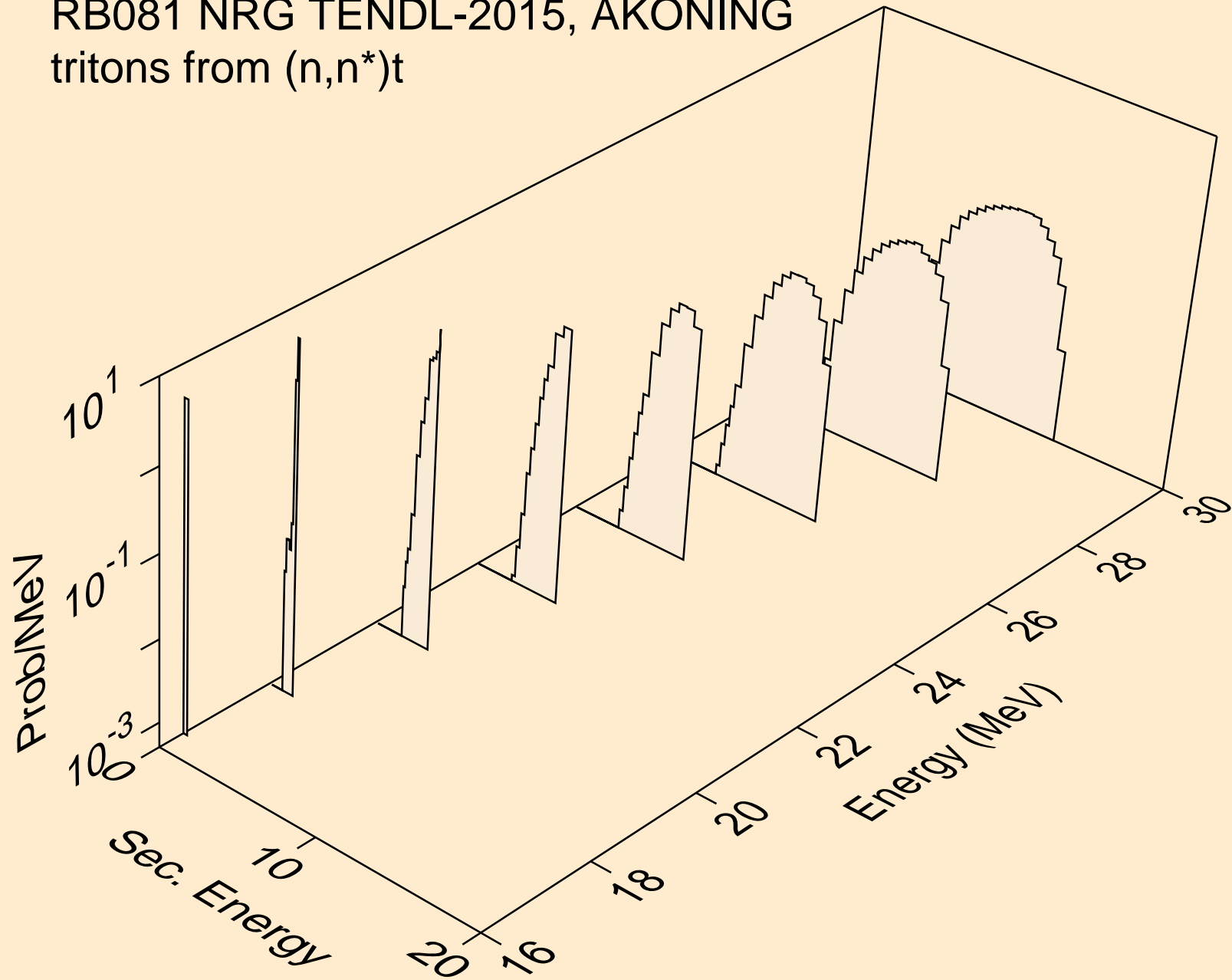
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deuterons from (n,da)



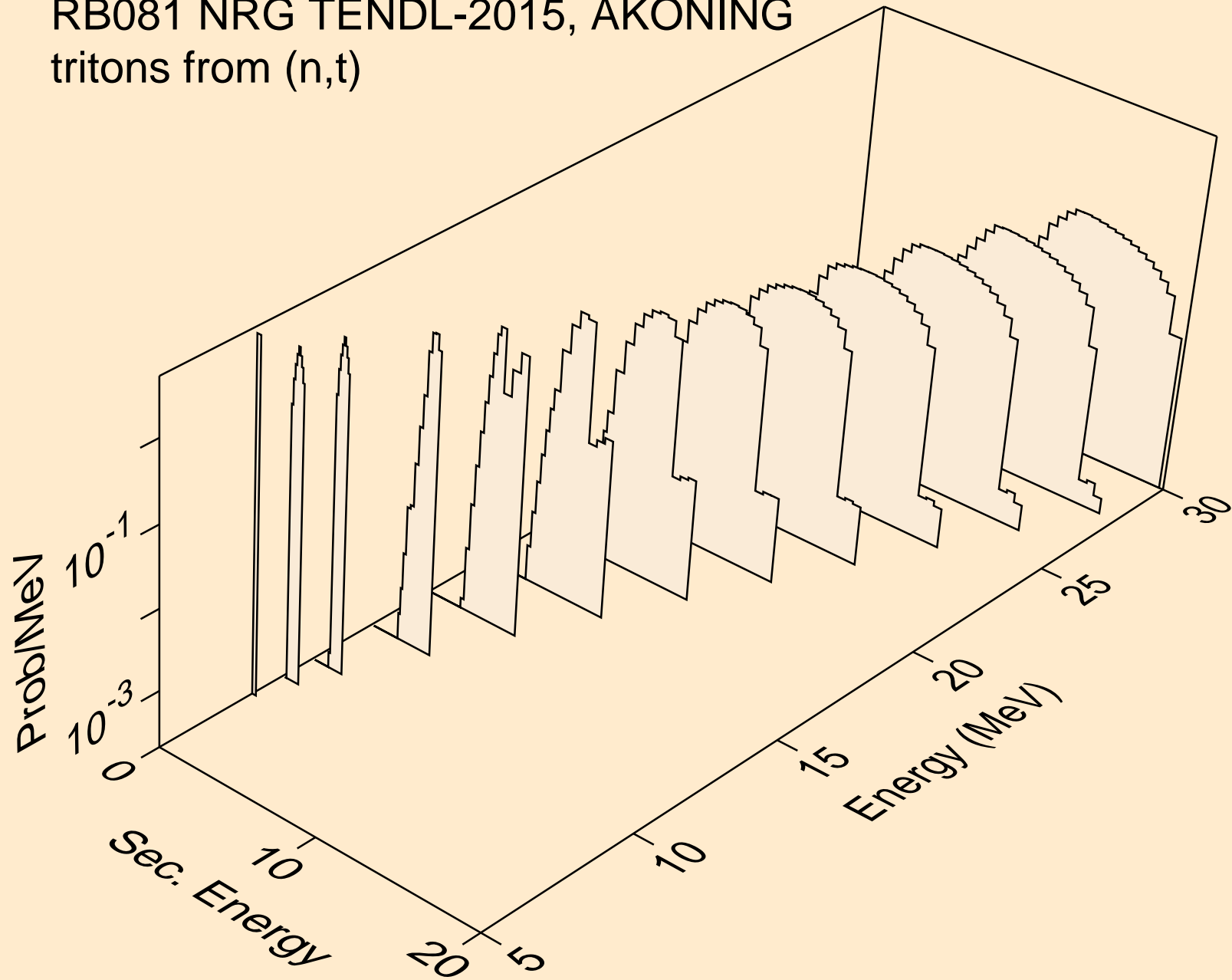
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tritons from (n,x)



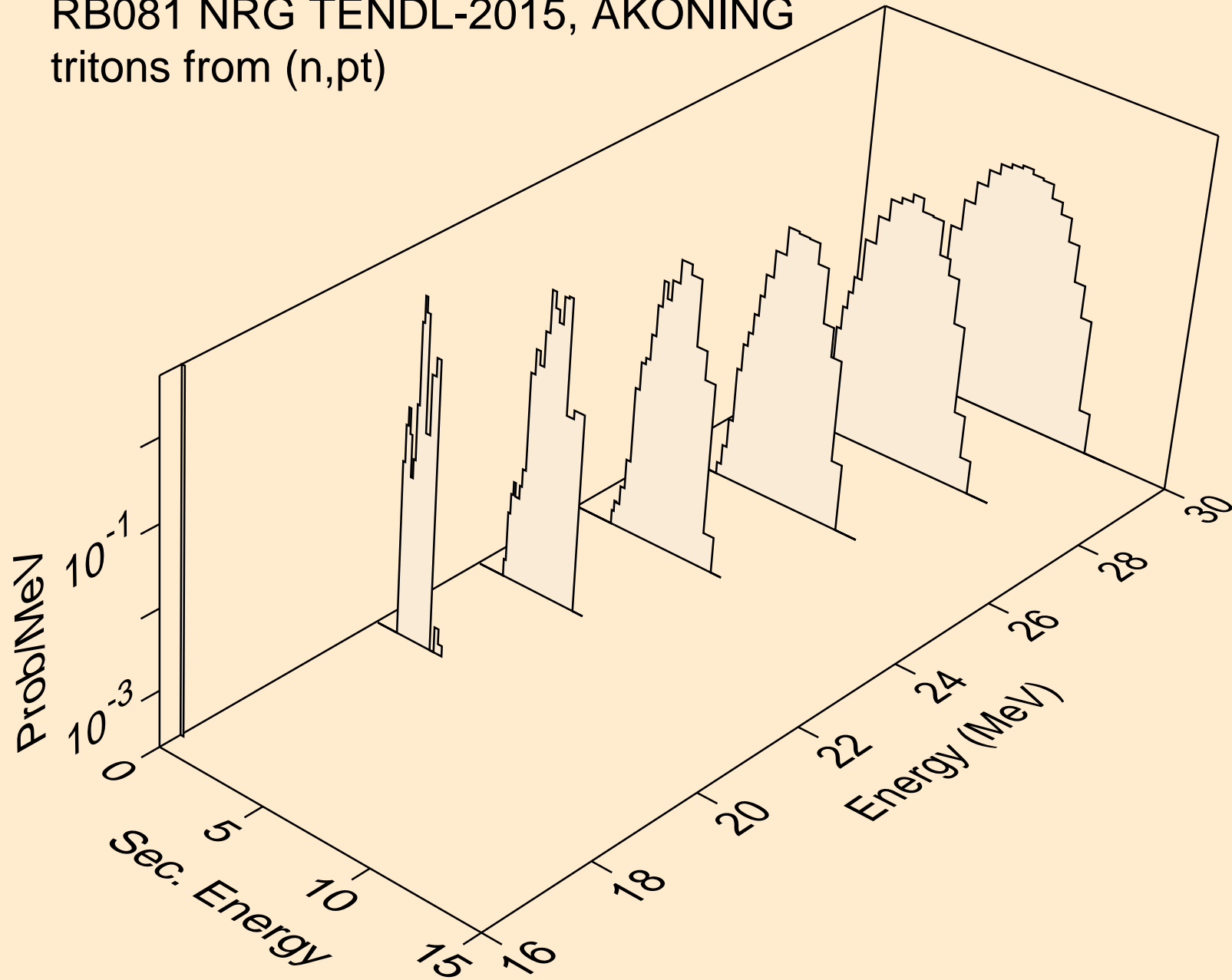
RB081 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



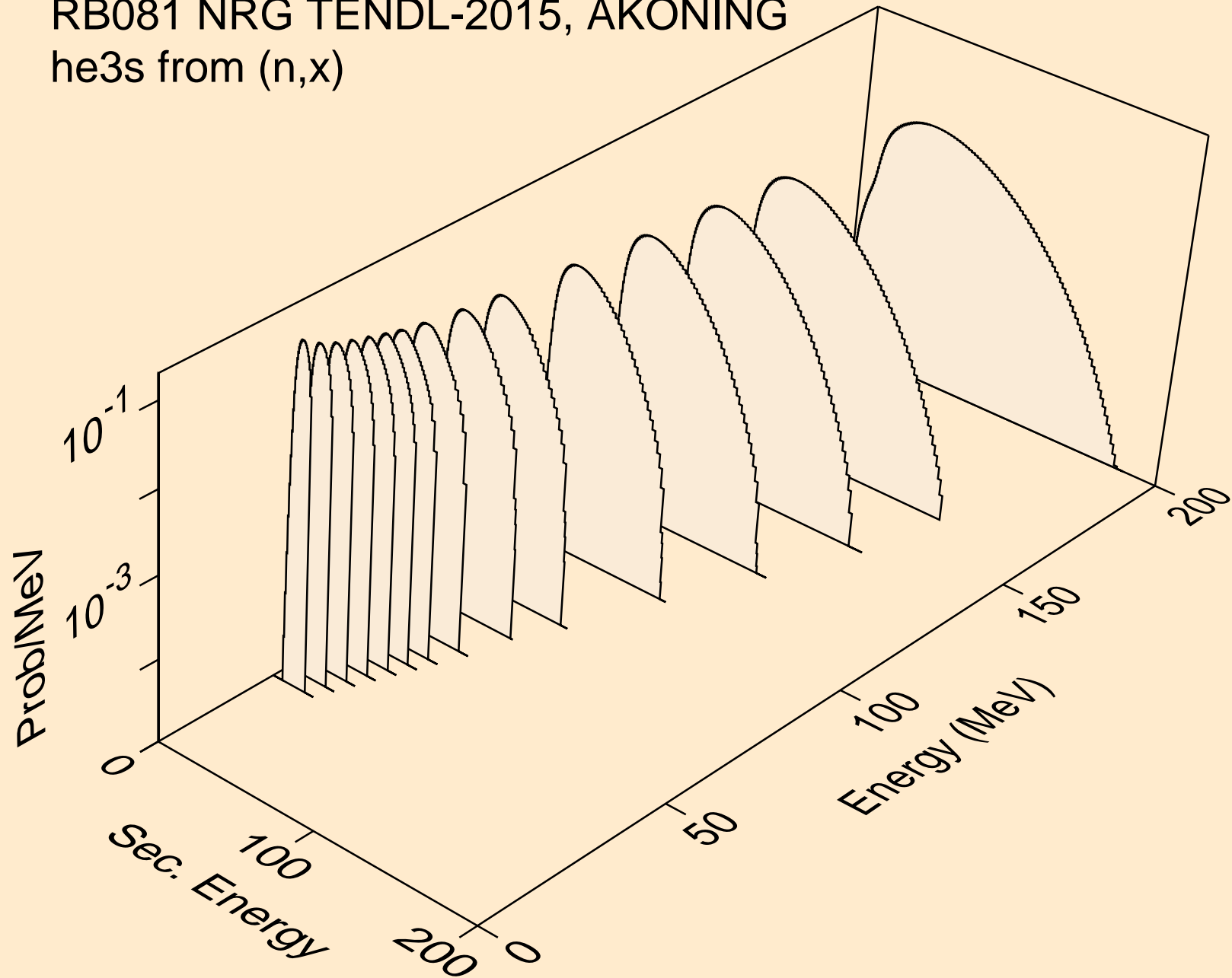
RB081 NRG TENDL-2015, AKONING  
tritons from (n,t)



RB081 NRG TENDL-2015, AKONING  
tritons from (n,pt)

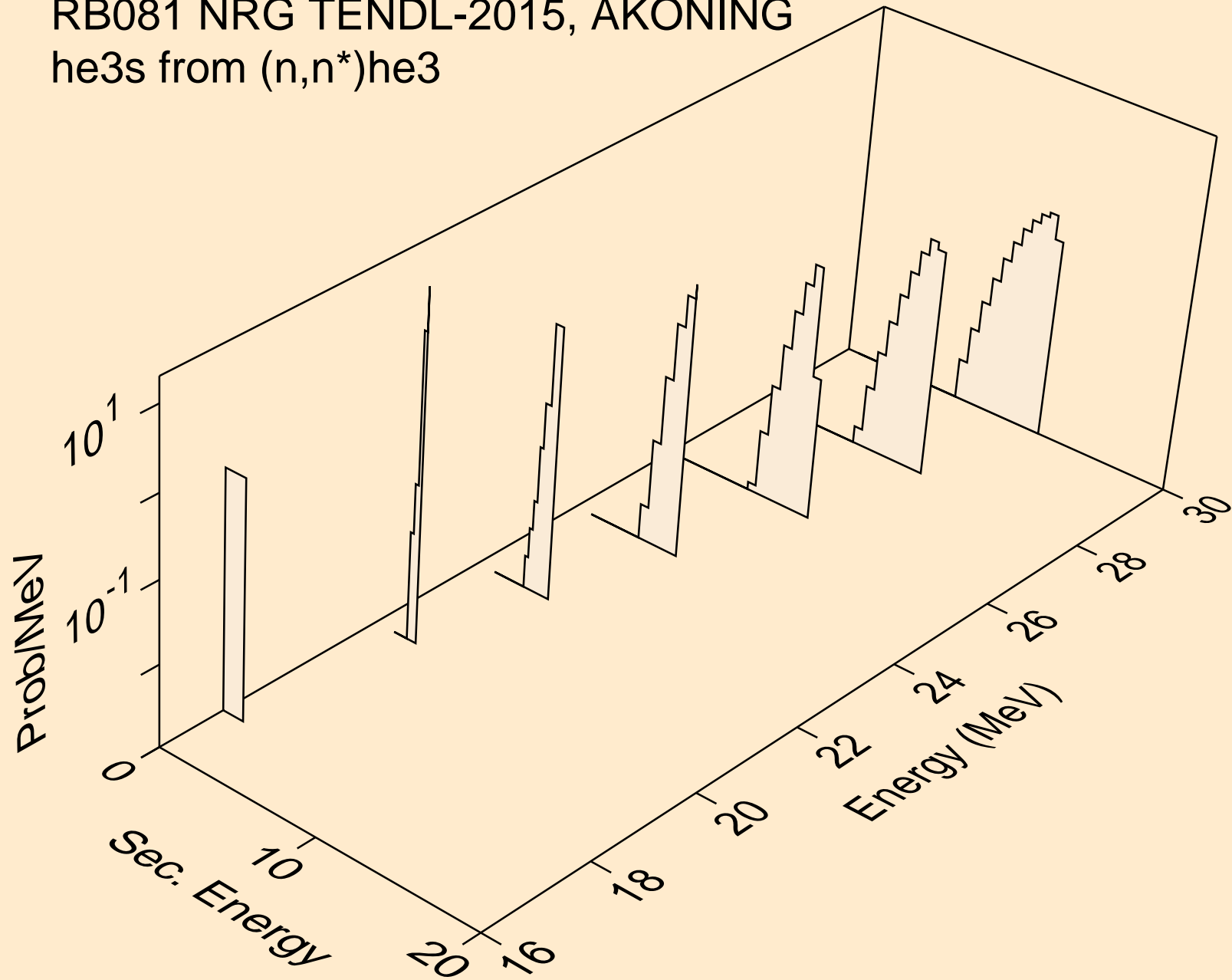


RB081 NRG TENDL-2015, AKONING  
he3s from (n,x)

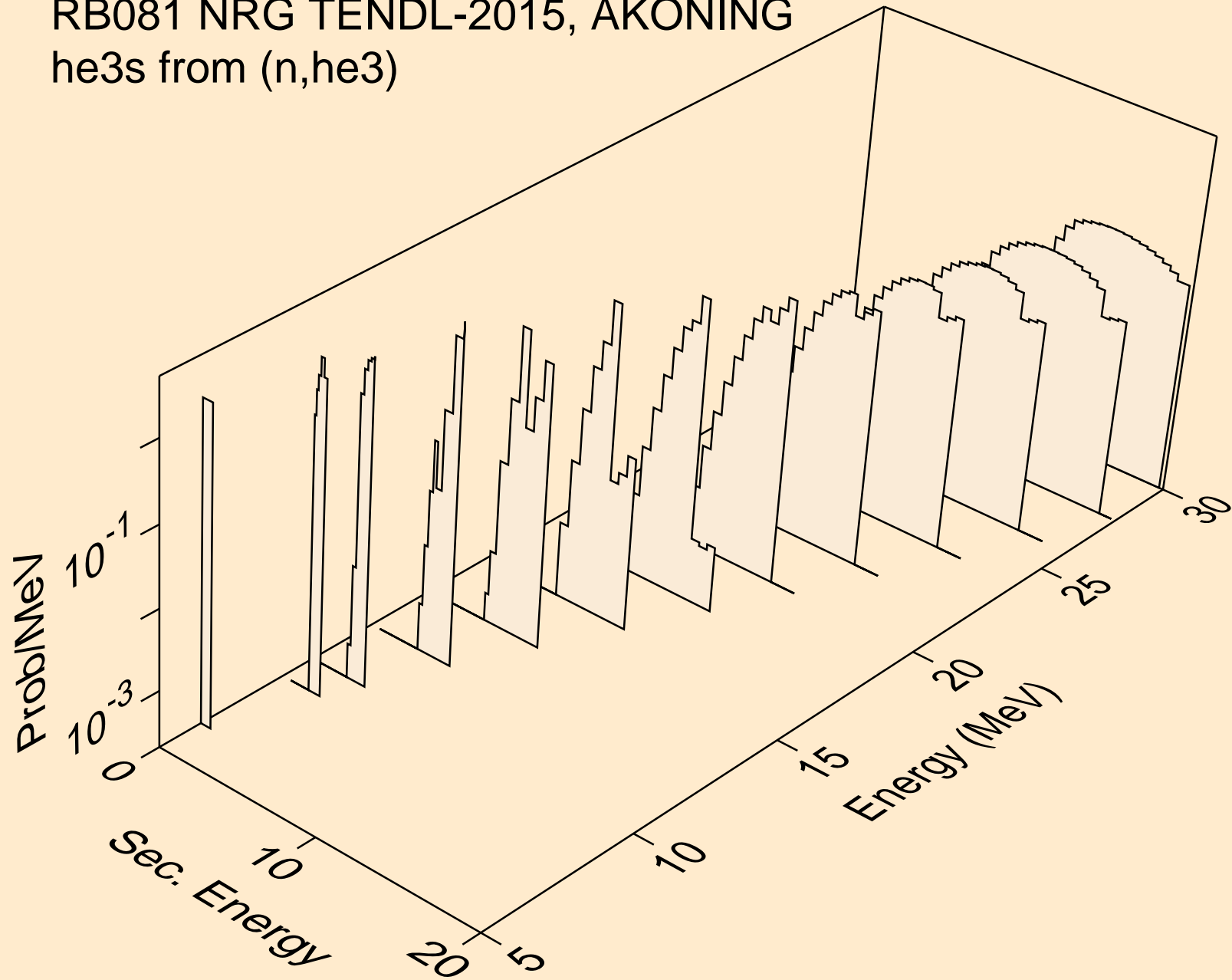




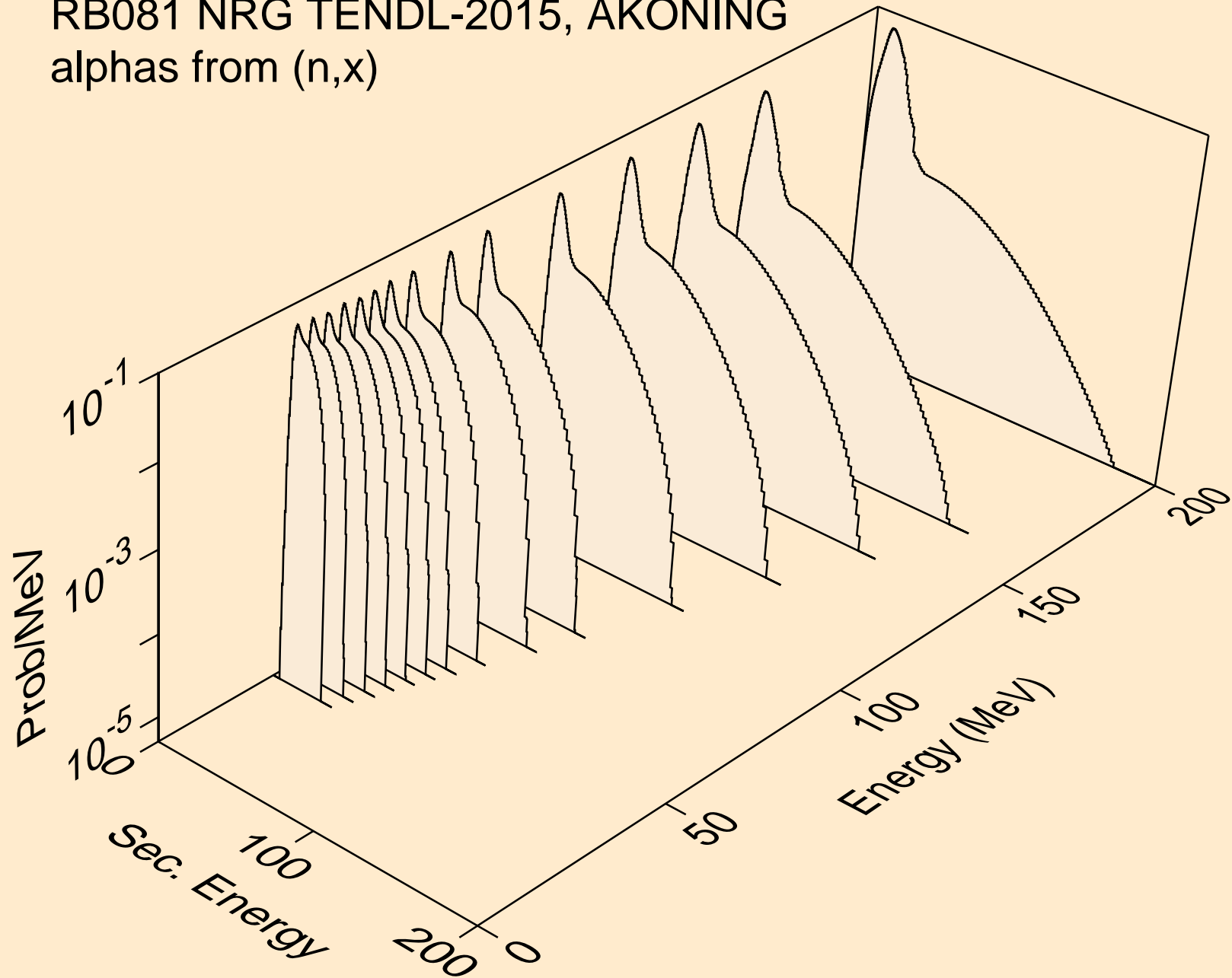
RB081 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



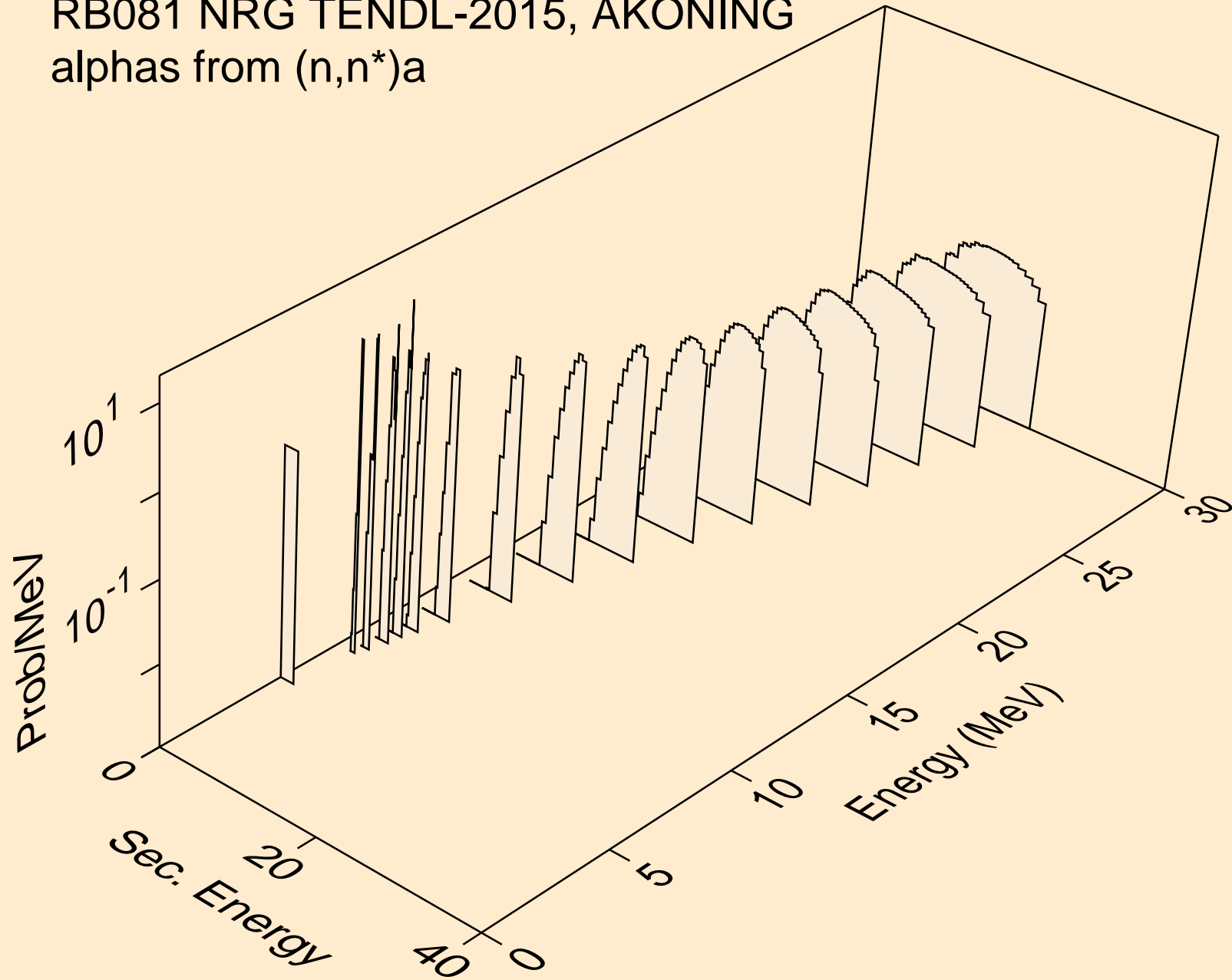
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he3s from (n,he3)



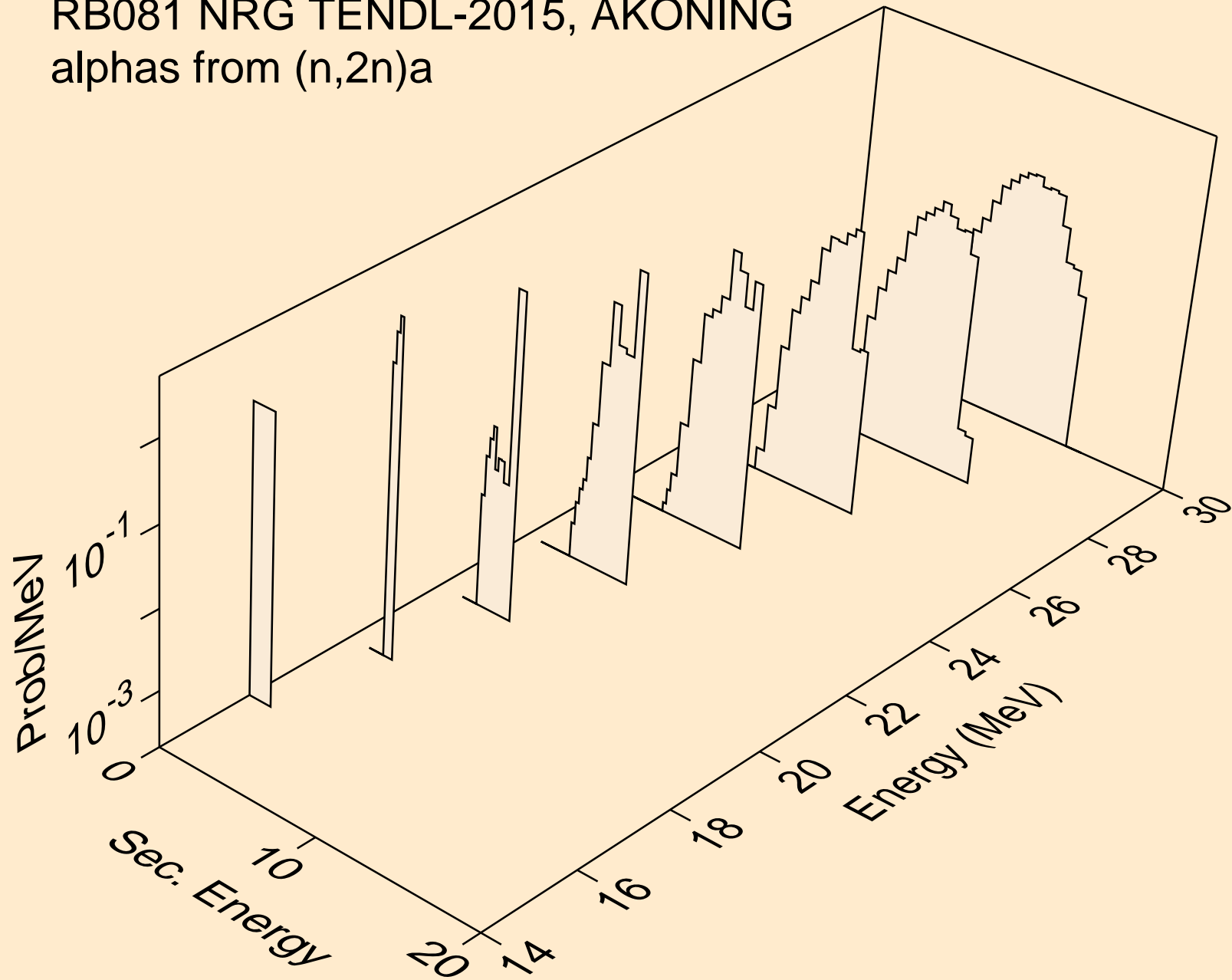
RB081 NRG TENDL-2015, AKONING  
alphas from (n,x)



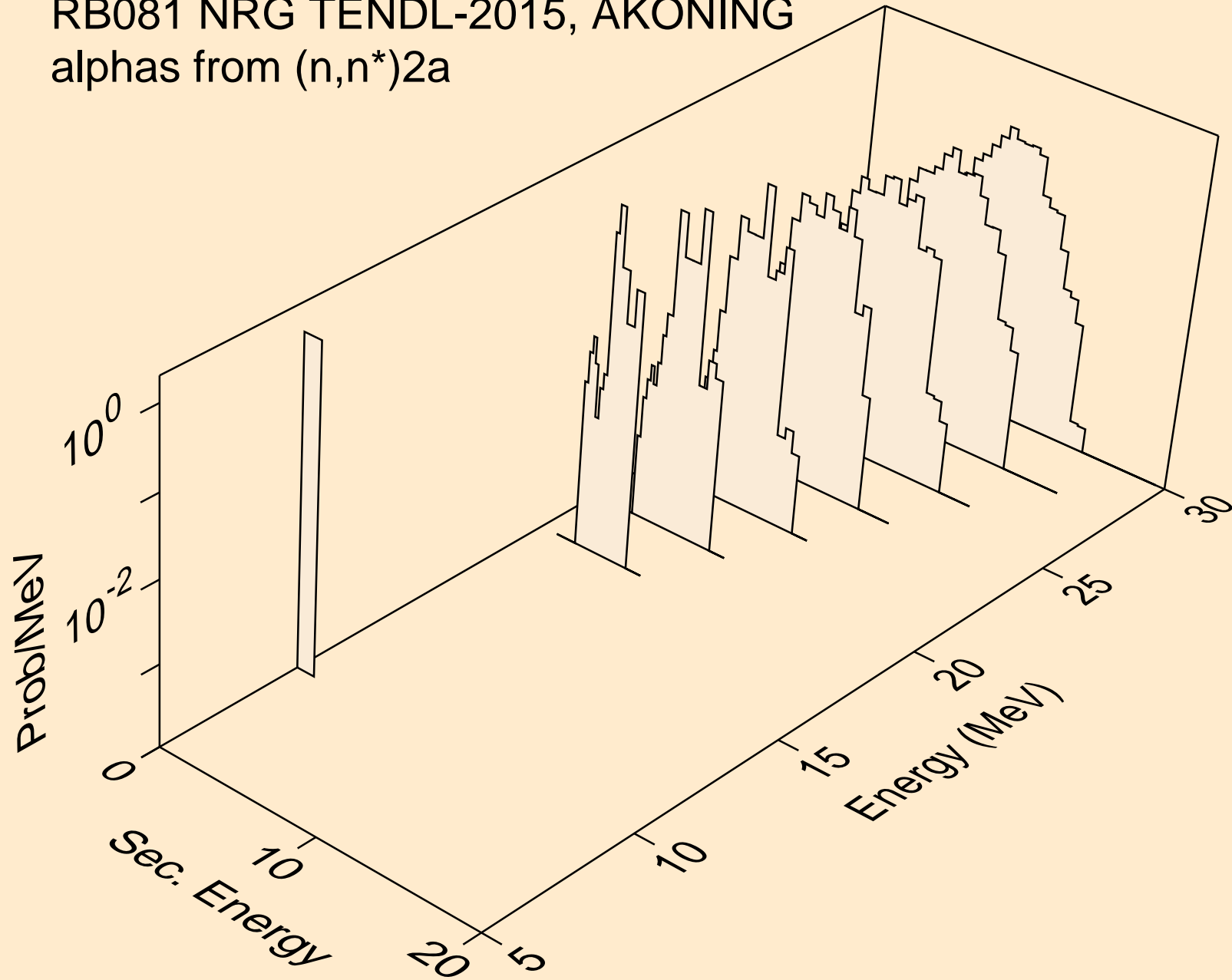
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alphas from (n,n\*)a



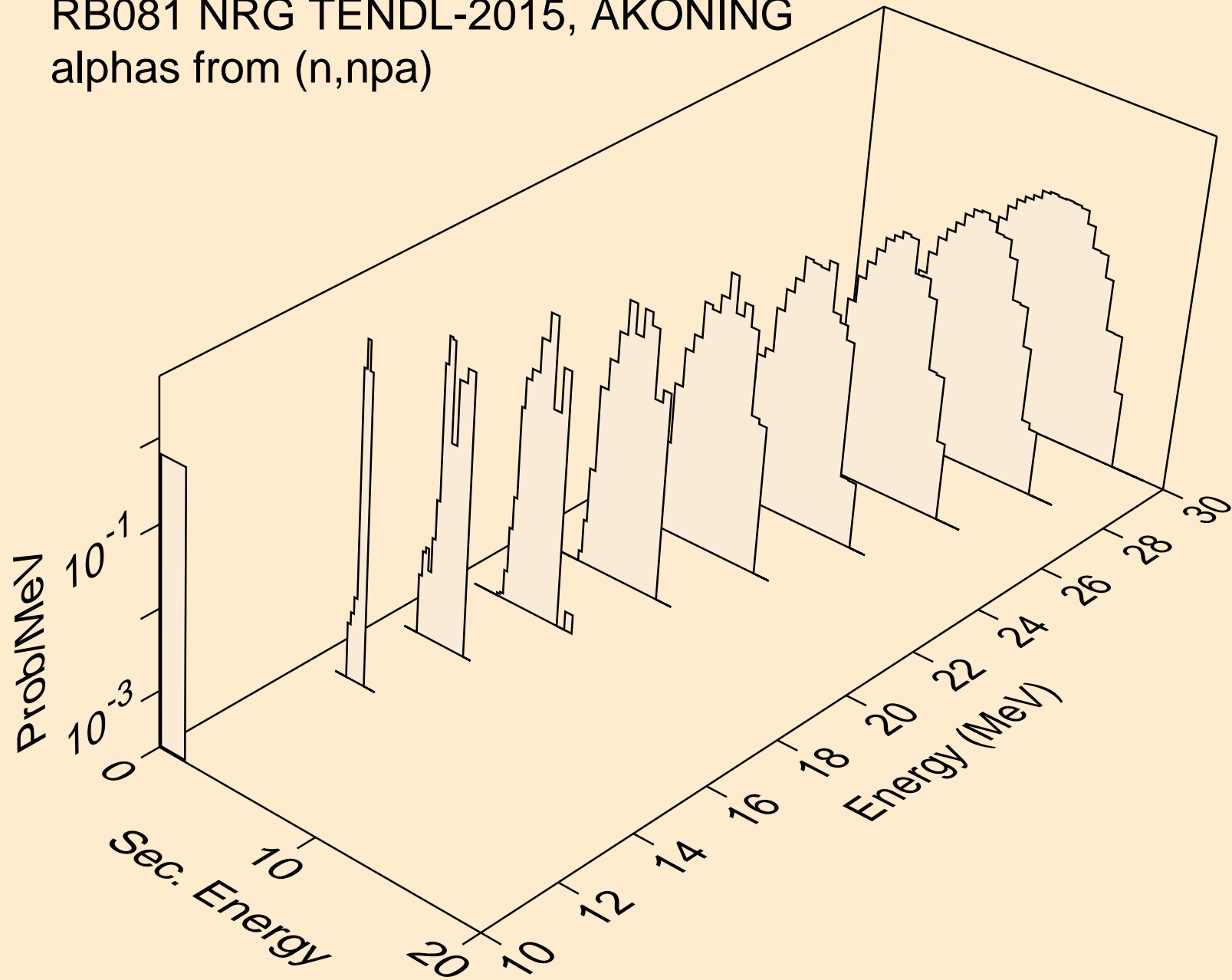
RB081 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



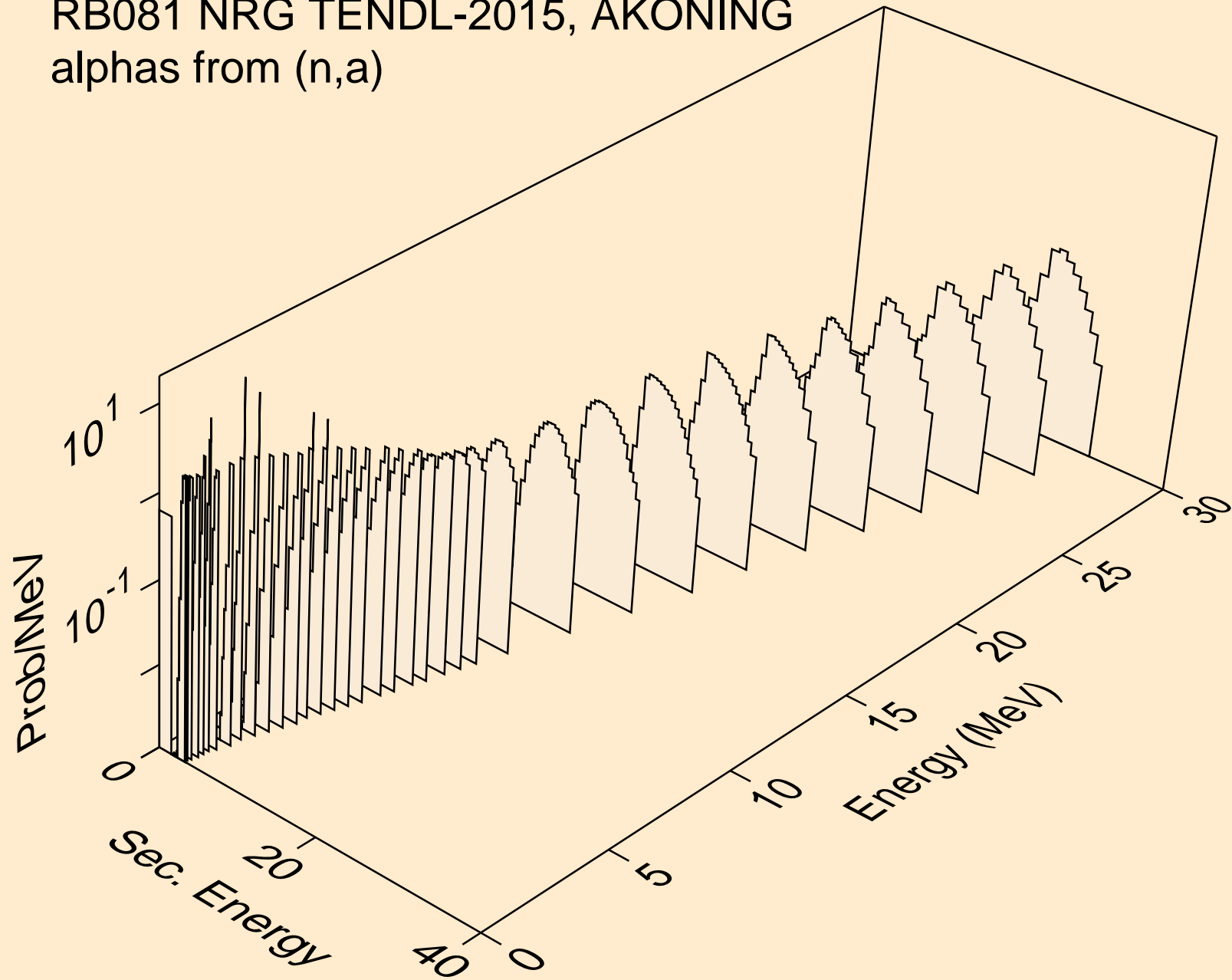
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alphas from (n,n\*)2a



RB081 NRG TENDL-2015, AKONING  
alphas from (n,npa)

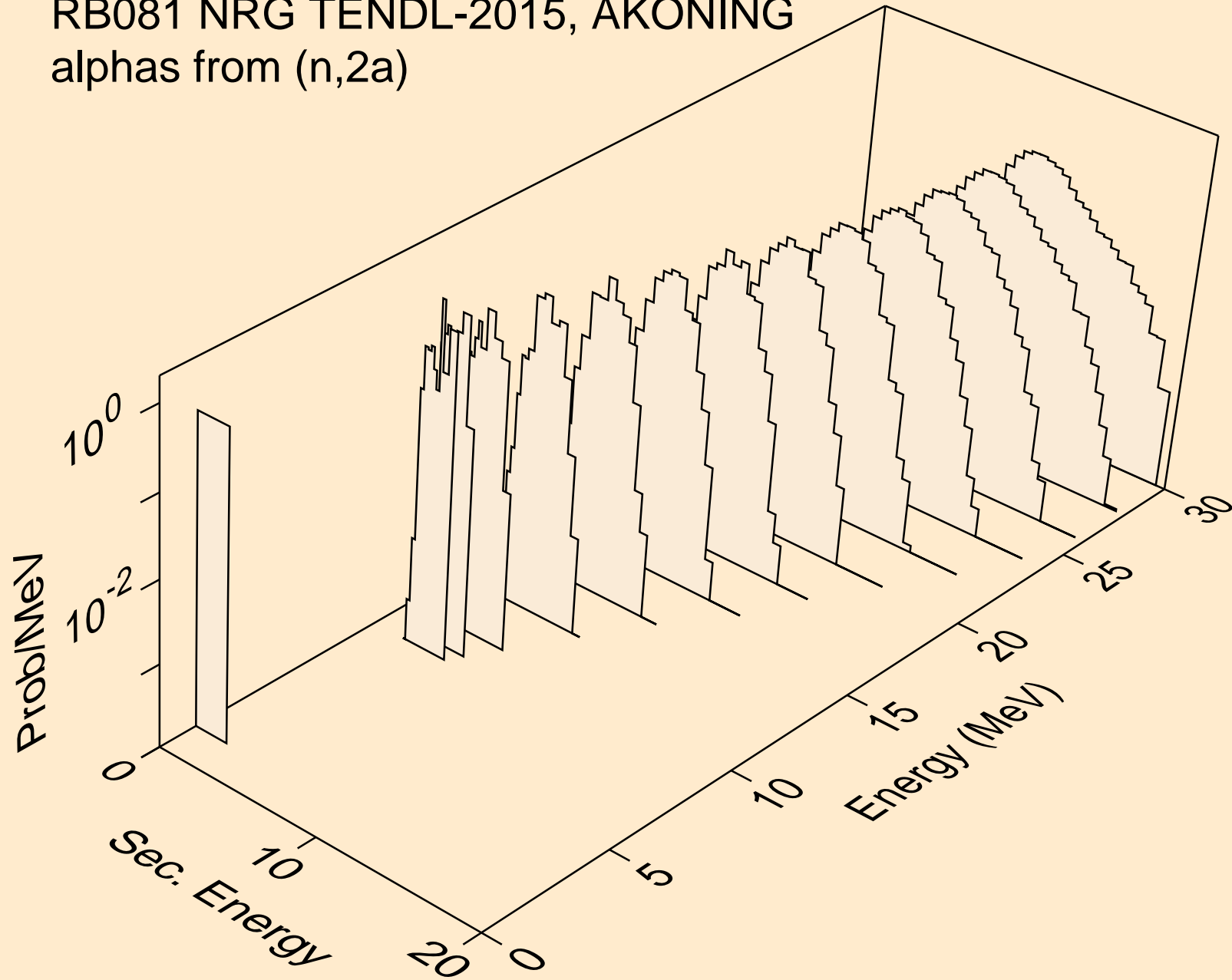


RB081 NRG TENDL-2015, AKONING  
alphas from (n,a)

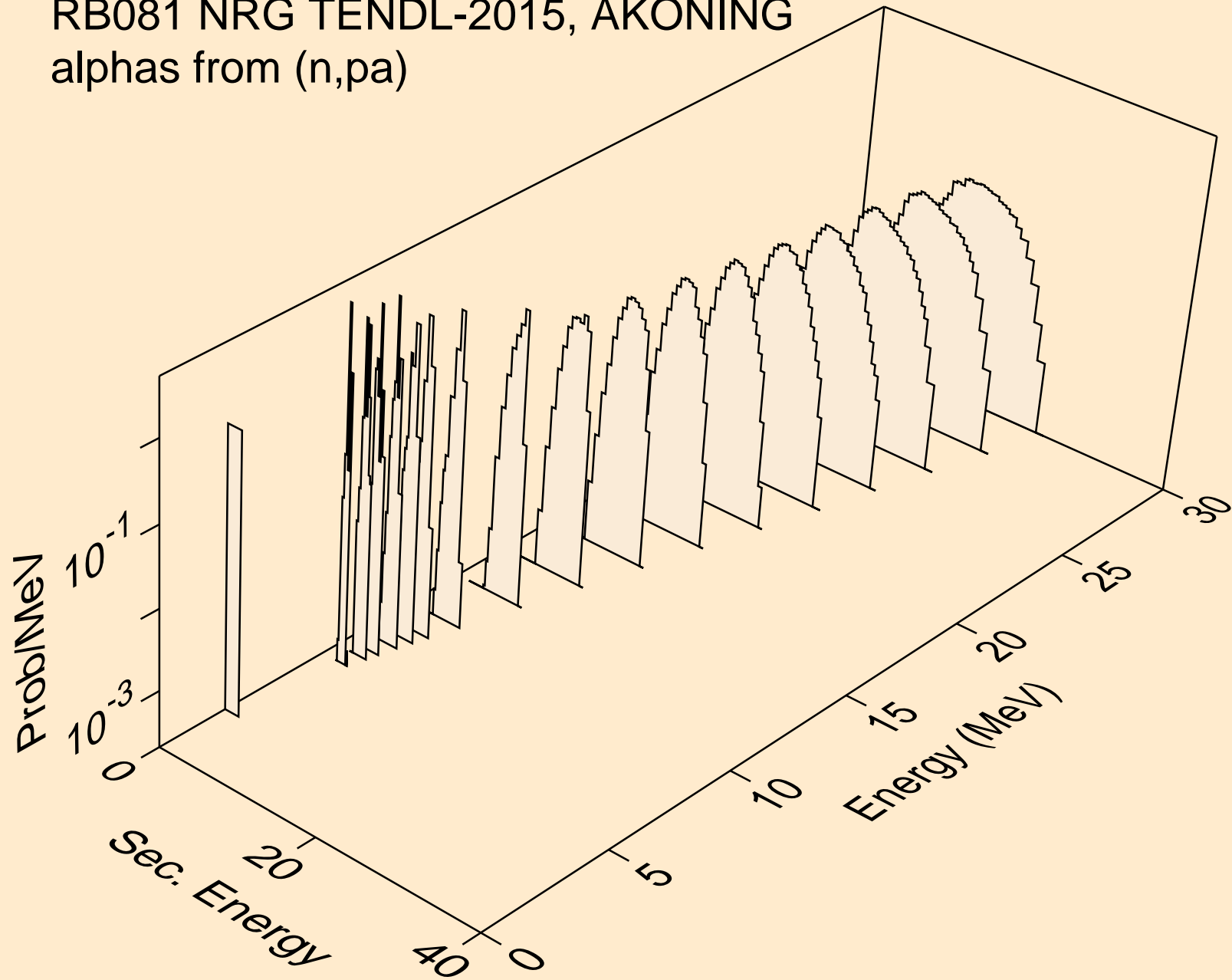




RB081 NRG TENDL-2015, AKONING  
alphas from (n,2a)



RB081 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RB081 NRG TENDL-2015, AKONING  
alphas from (n,da)

