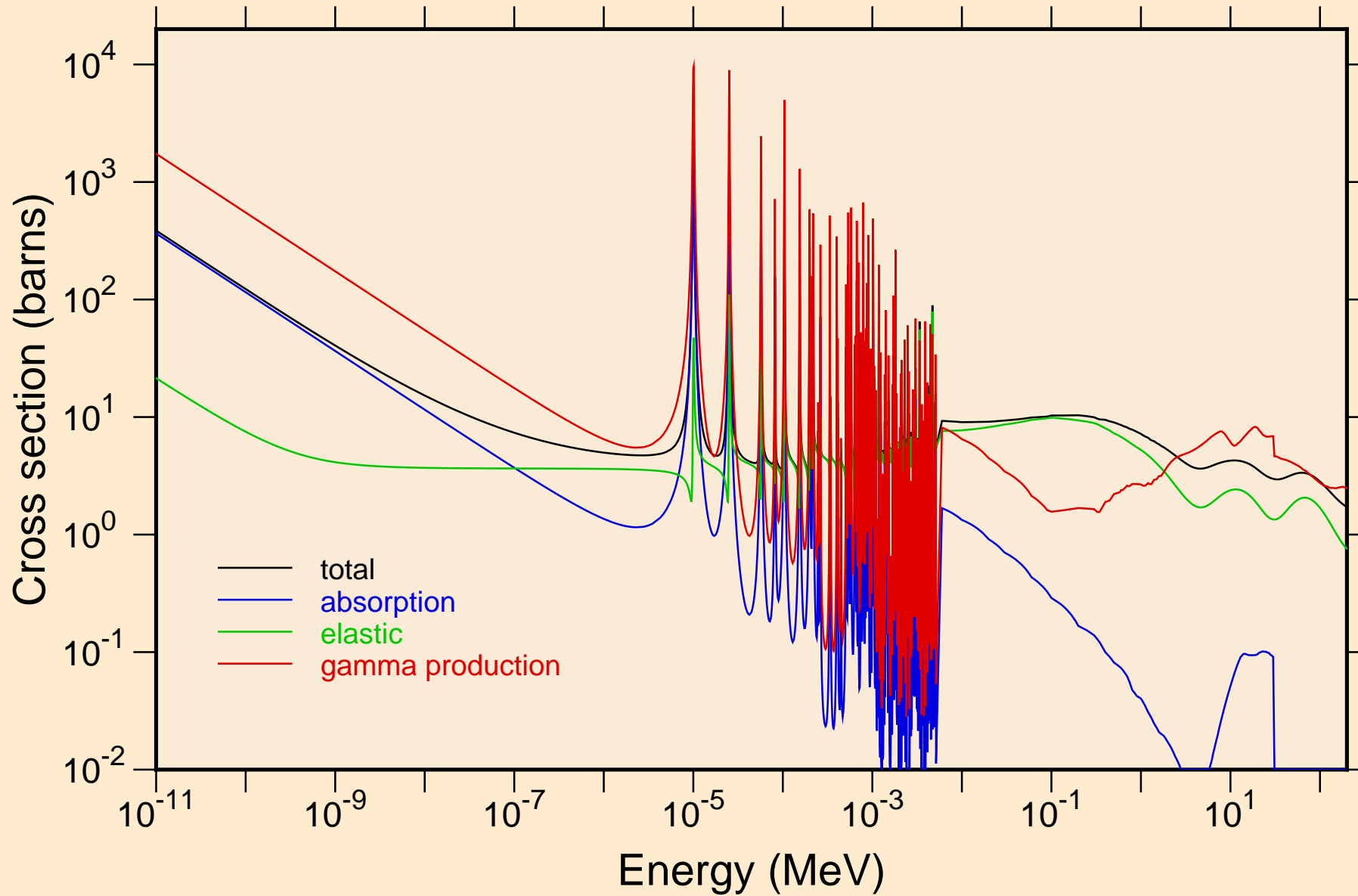
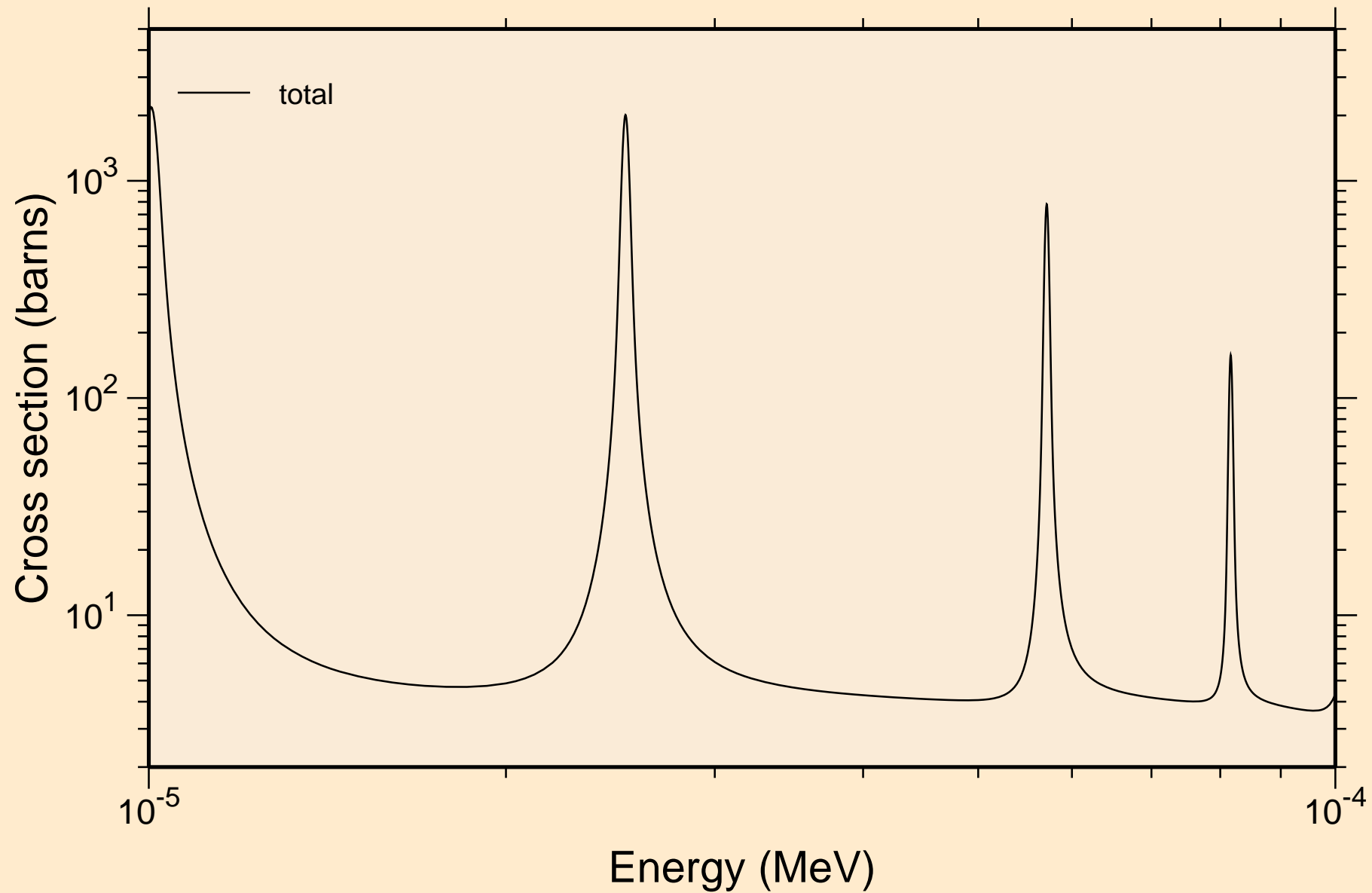


# RU099 NRG TENDL-2015, AKONING

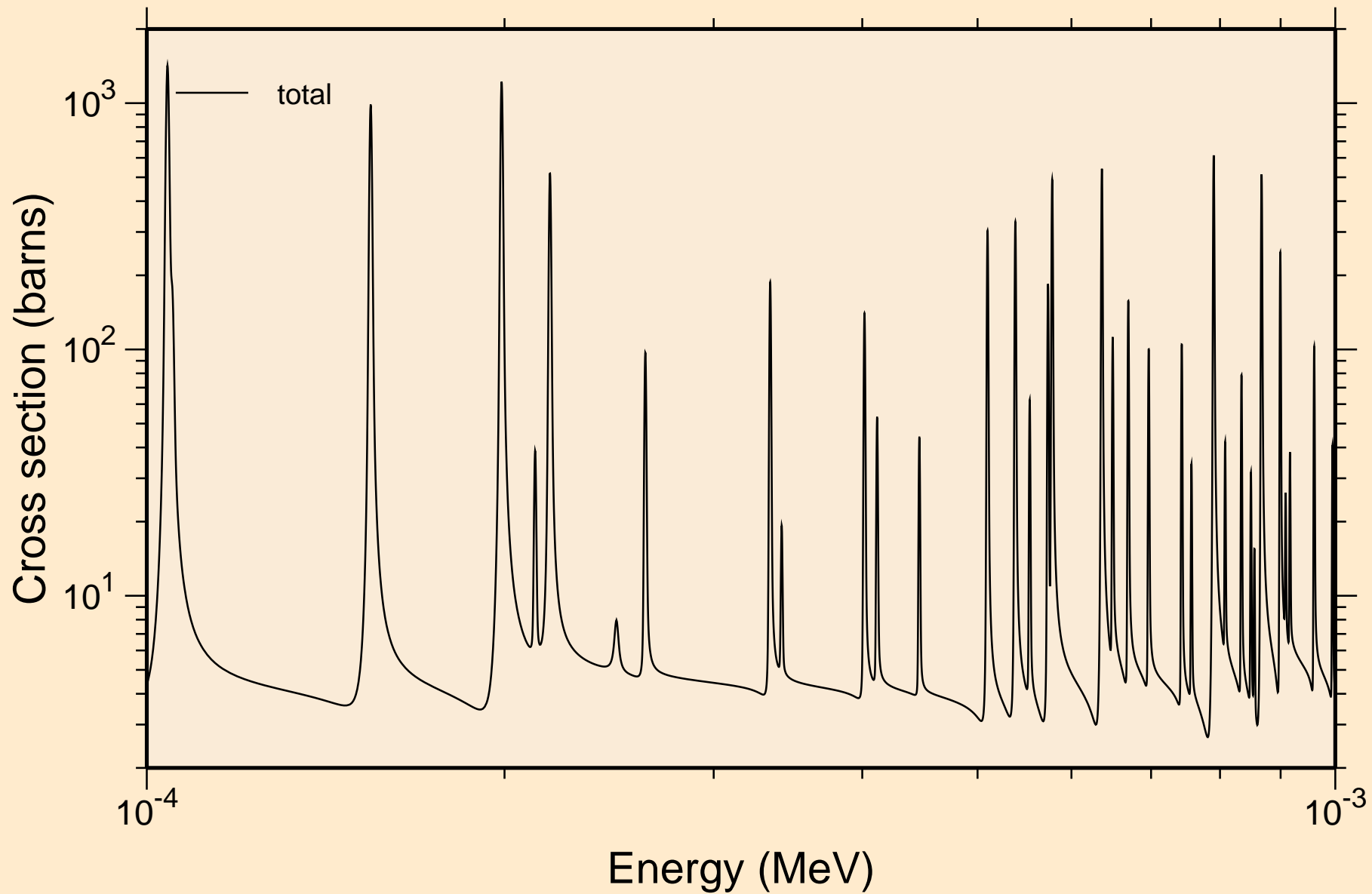
## Principal cross sections



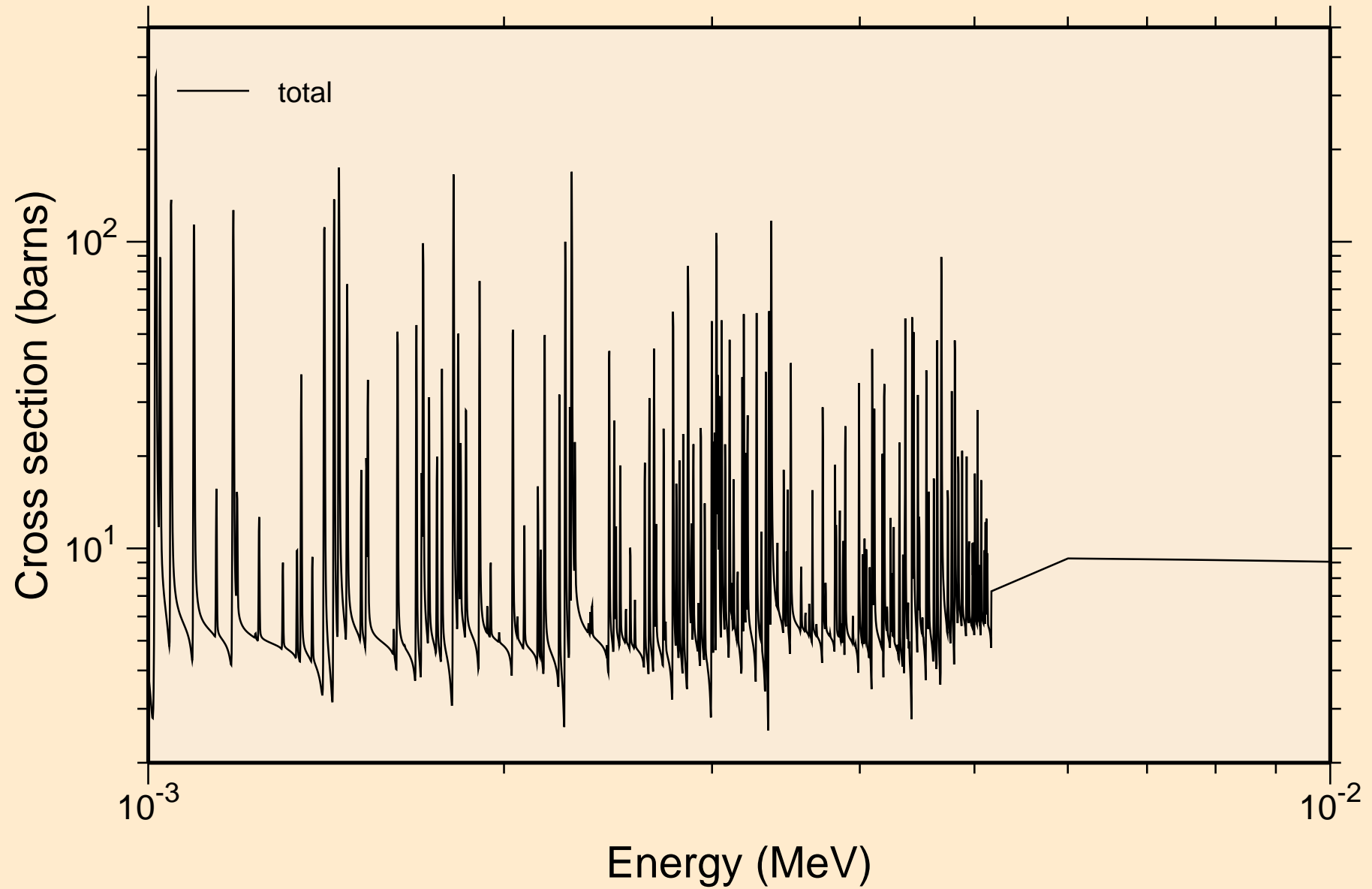
RU099 NRG TENDL-2015, AKONING  
resonance total cross section



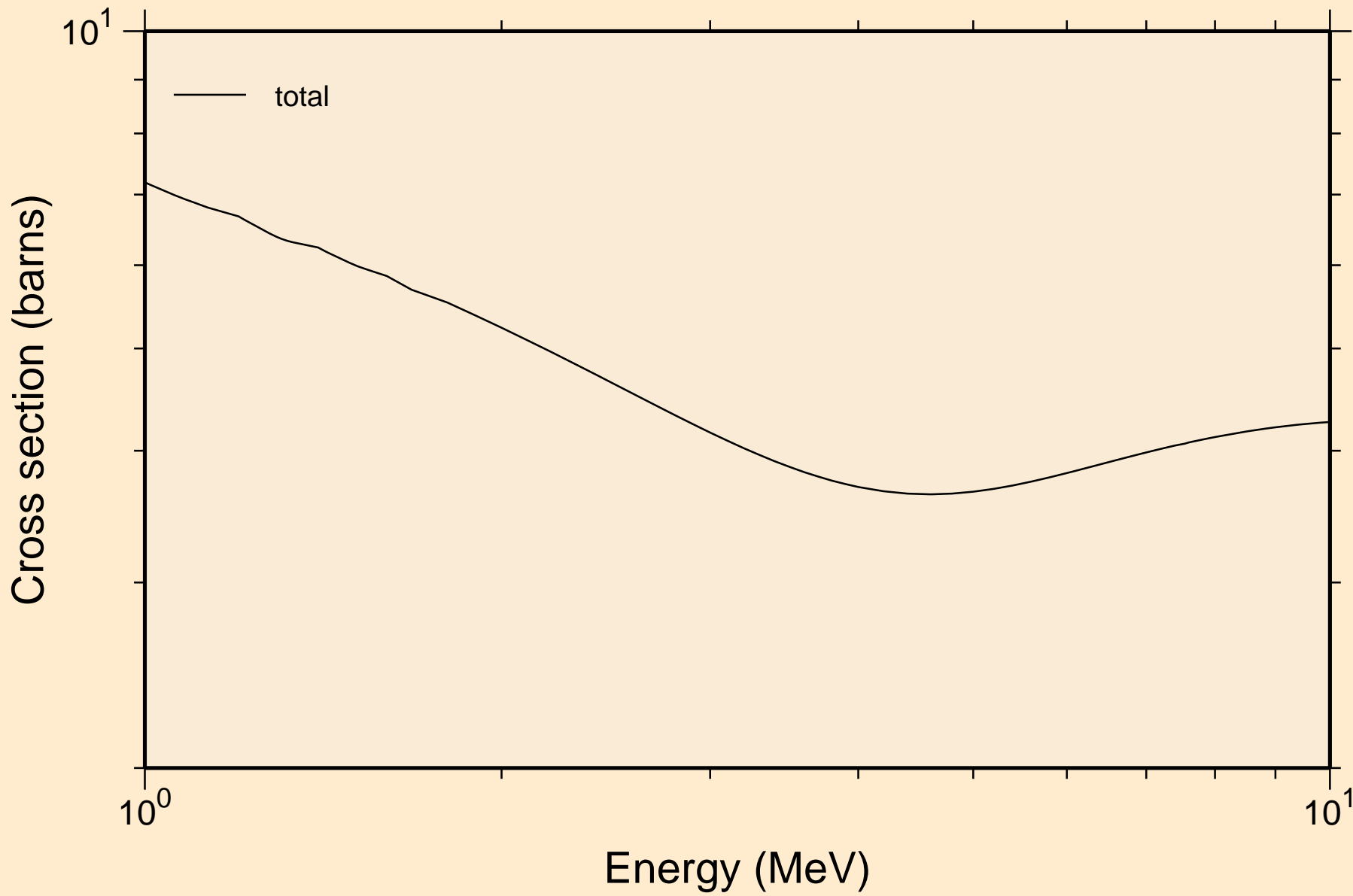
RU099 NRG TENDL-2015, AKONING  
resonance total cross section



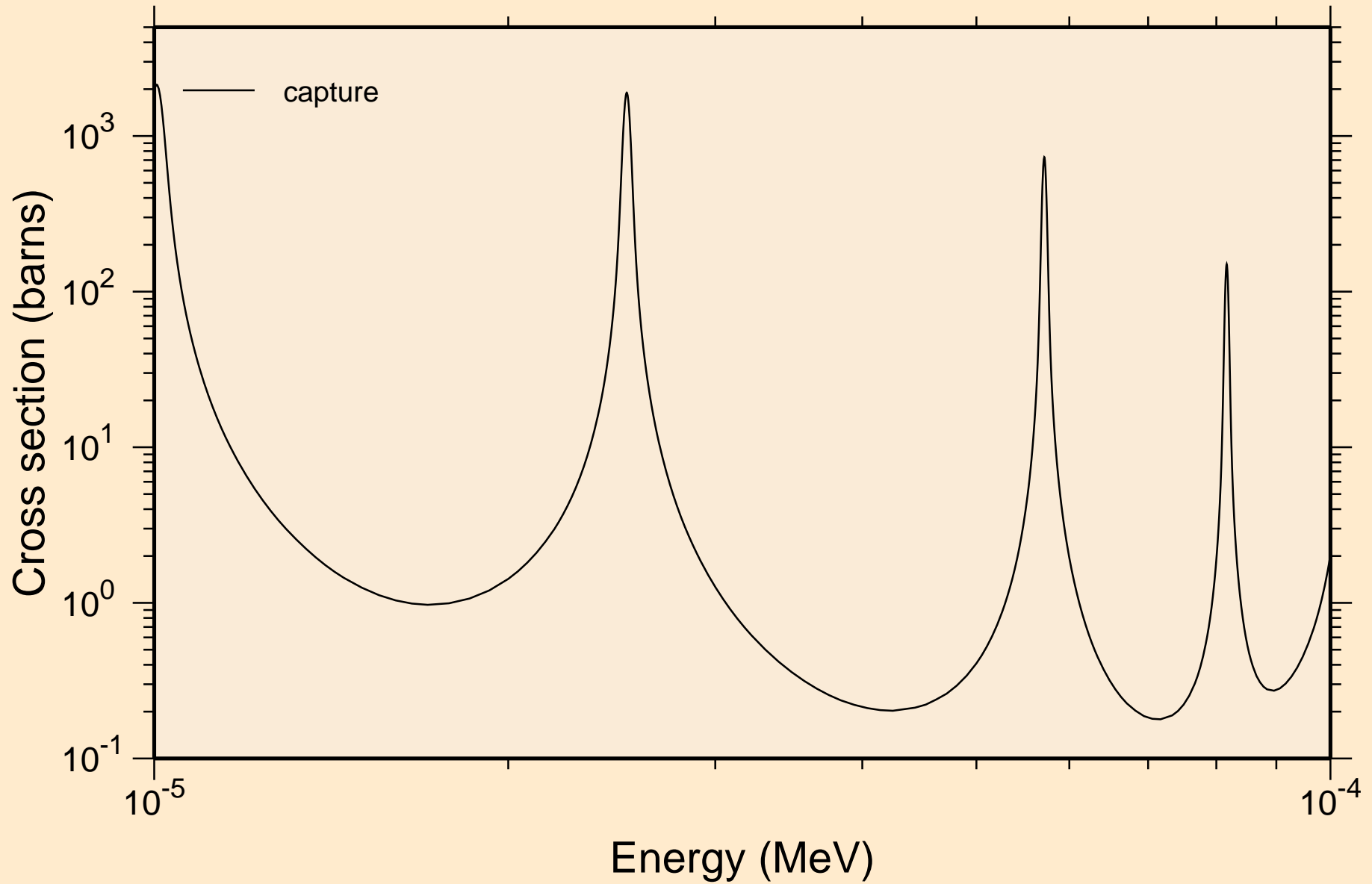
RU099 NRG TENDL-2015, AKONING  
resonance total cross section



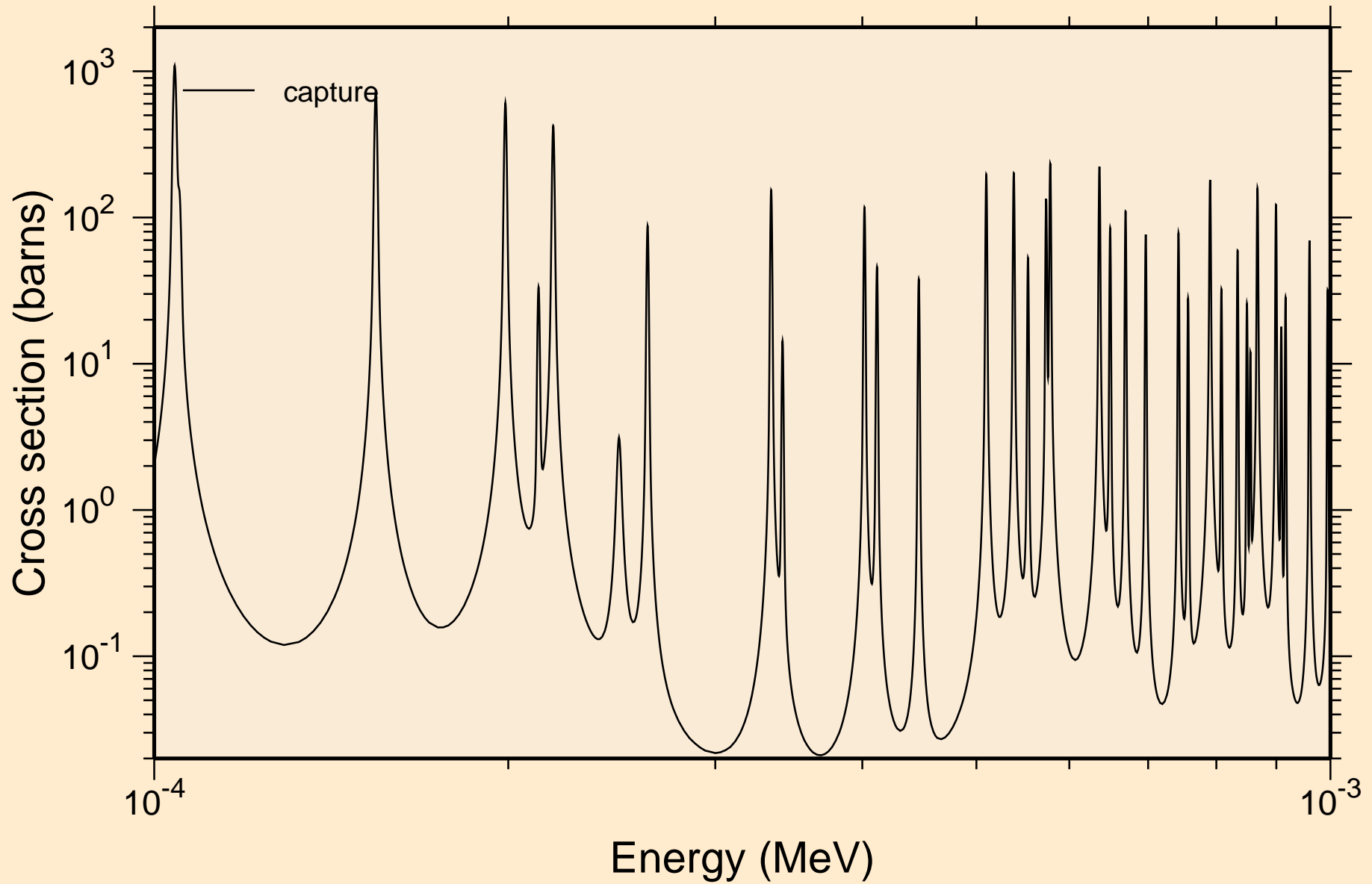
RU099 NRG TENDL-2015, AKONING  
resonance total cross section



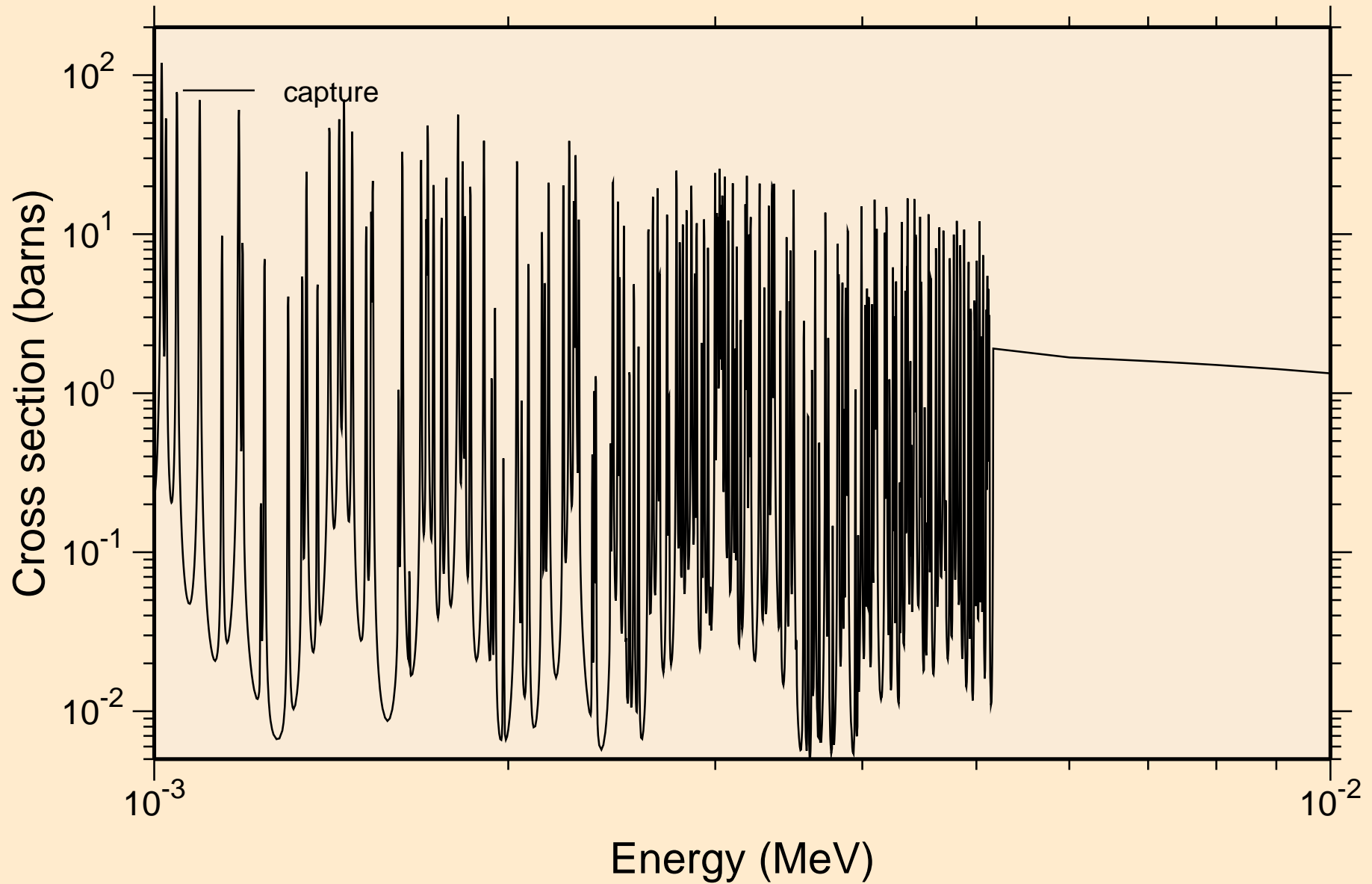
RU099 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RU099 NRG TENDL-2015, AKONING  
resonance absorption cross sections

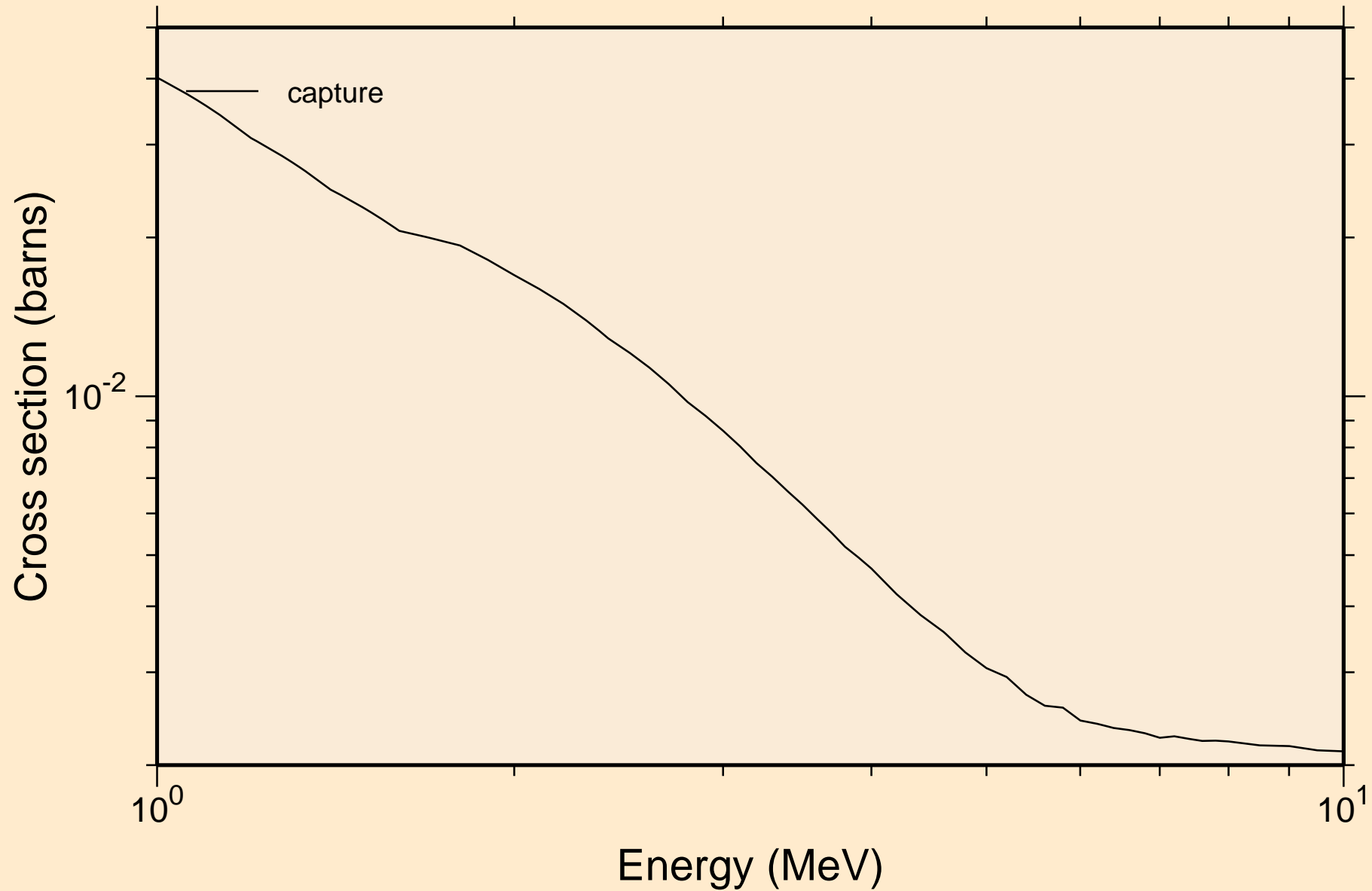


RU099 NRG TENDL-2015, AKONING  
resonance absorption cross sections

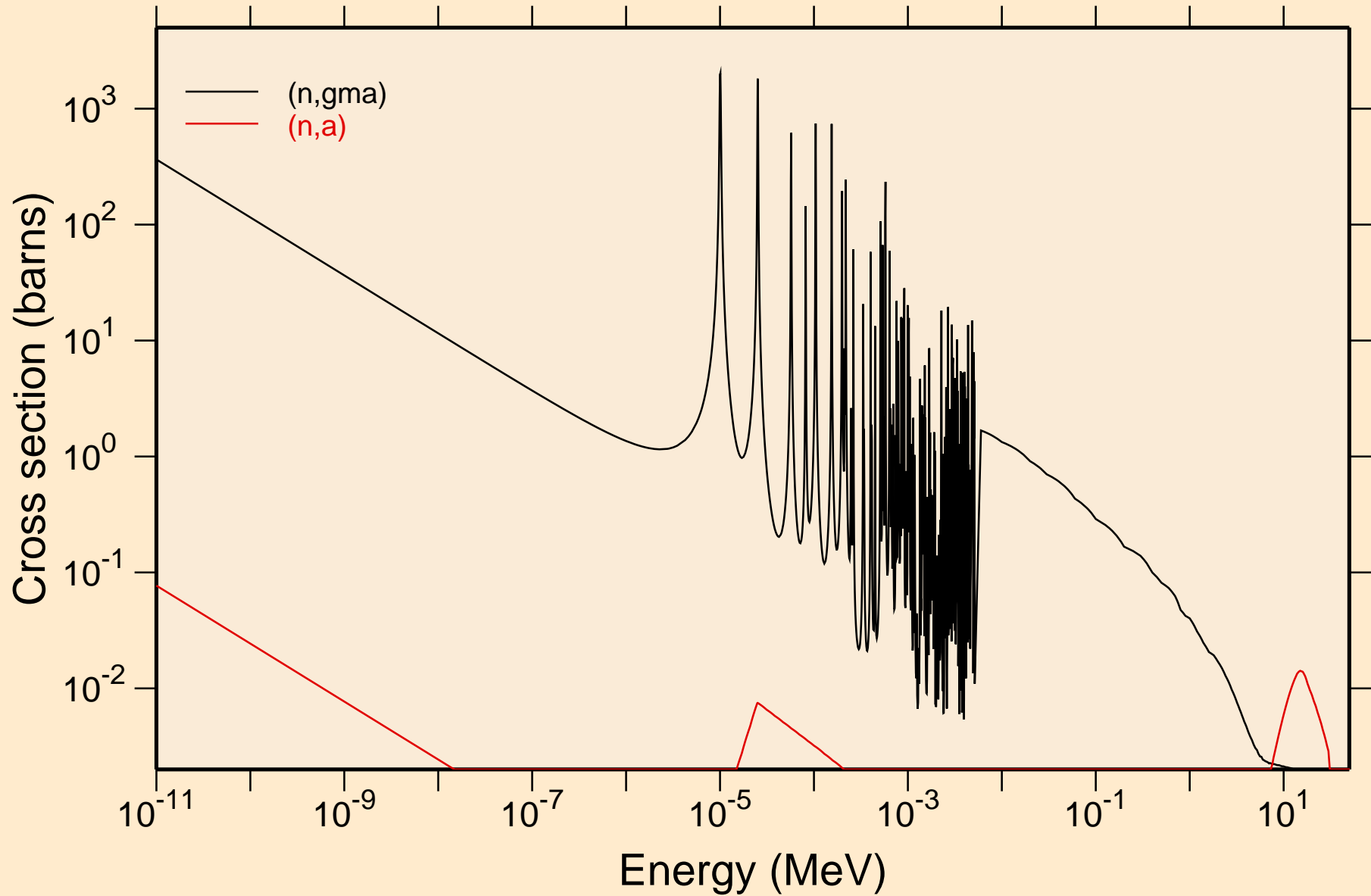




RU099 NRG TENDL-2015, AKONING  
resonance absorption cross sections

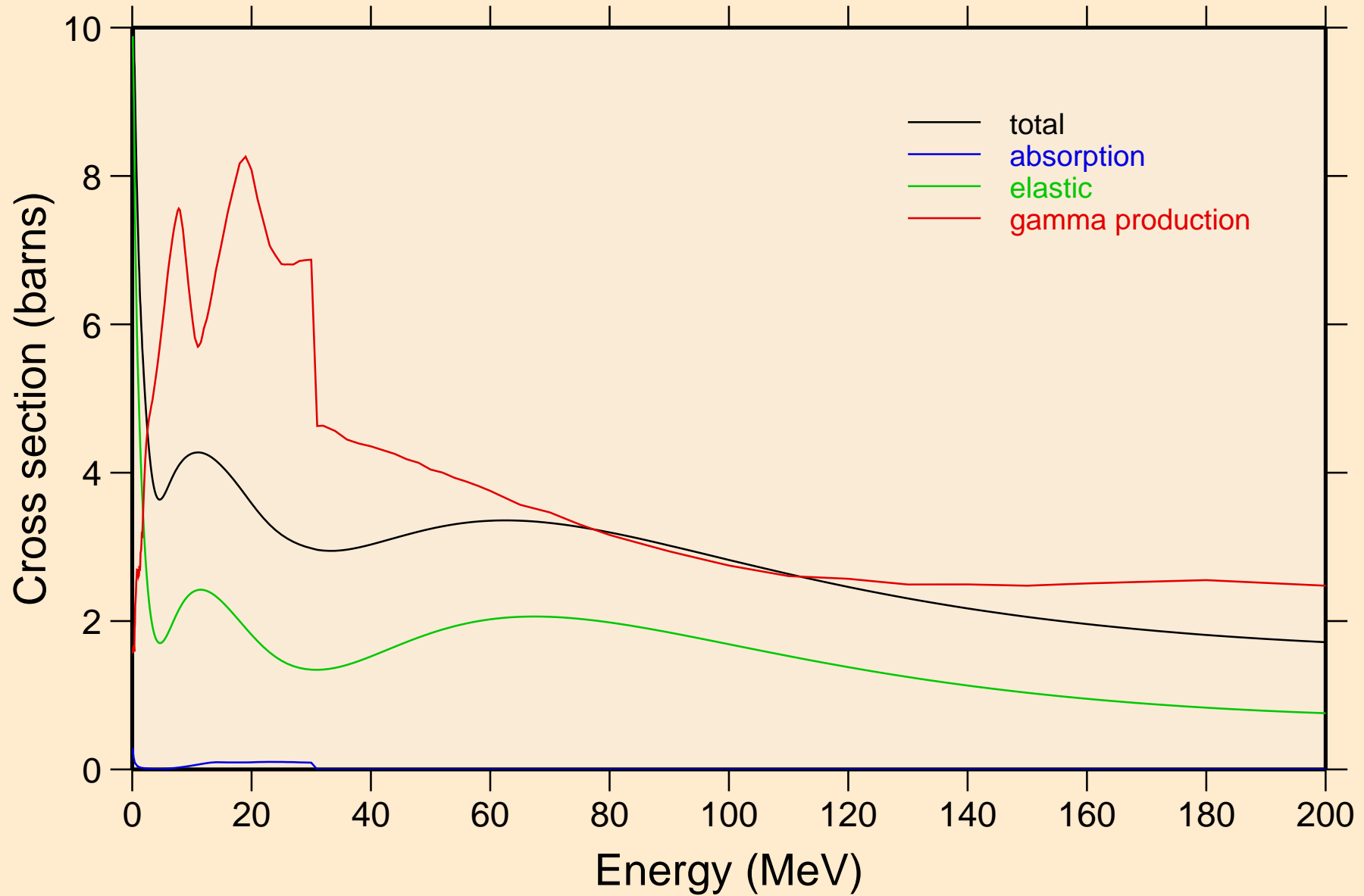


RU099 NRG TENDL-2015, AKONING  
Non-threshold reactions

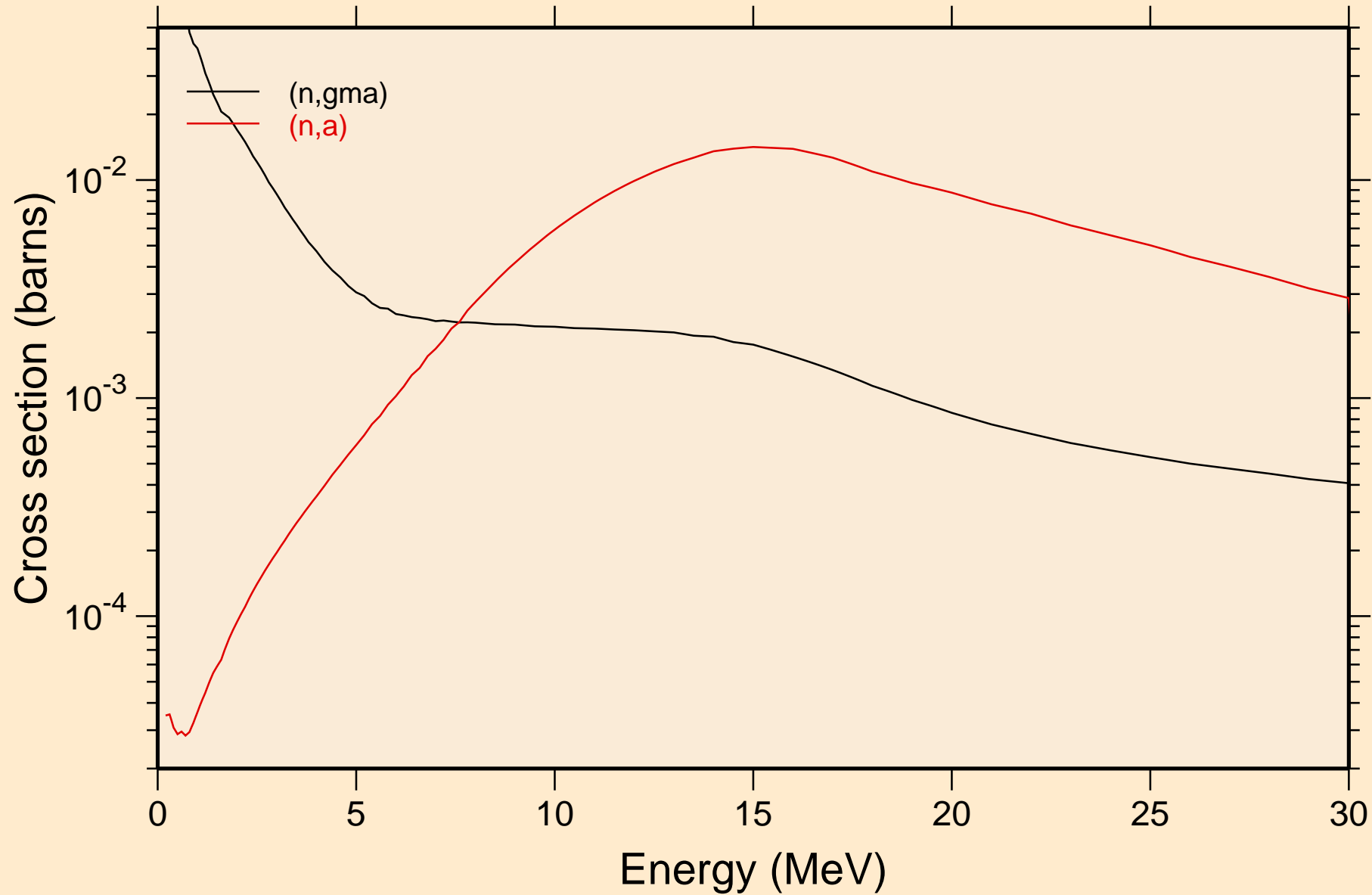


# RU099 NRG TENDL-2015, AKONING

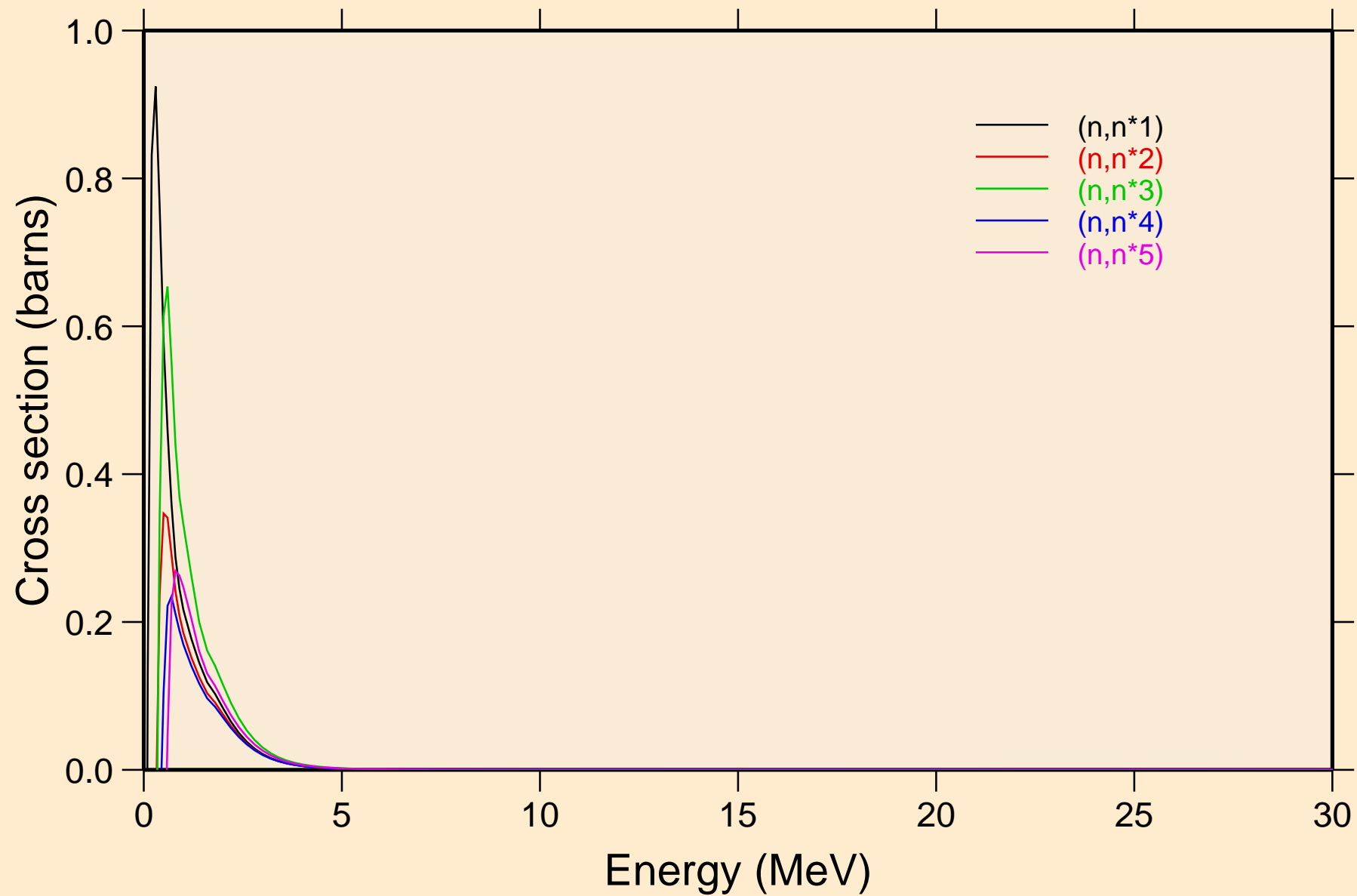
## Principal cross sections



RU099 NRG TENDL-2015, AKONING  
Non-threshold reactions

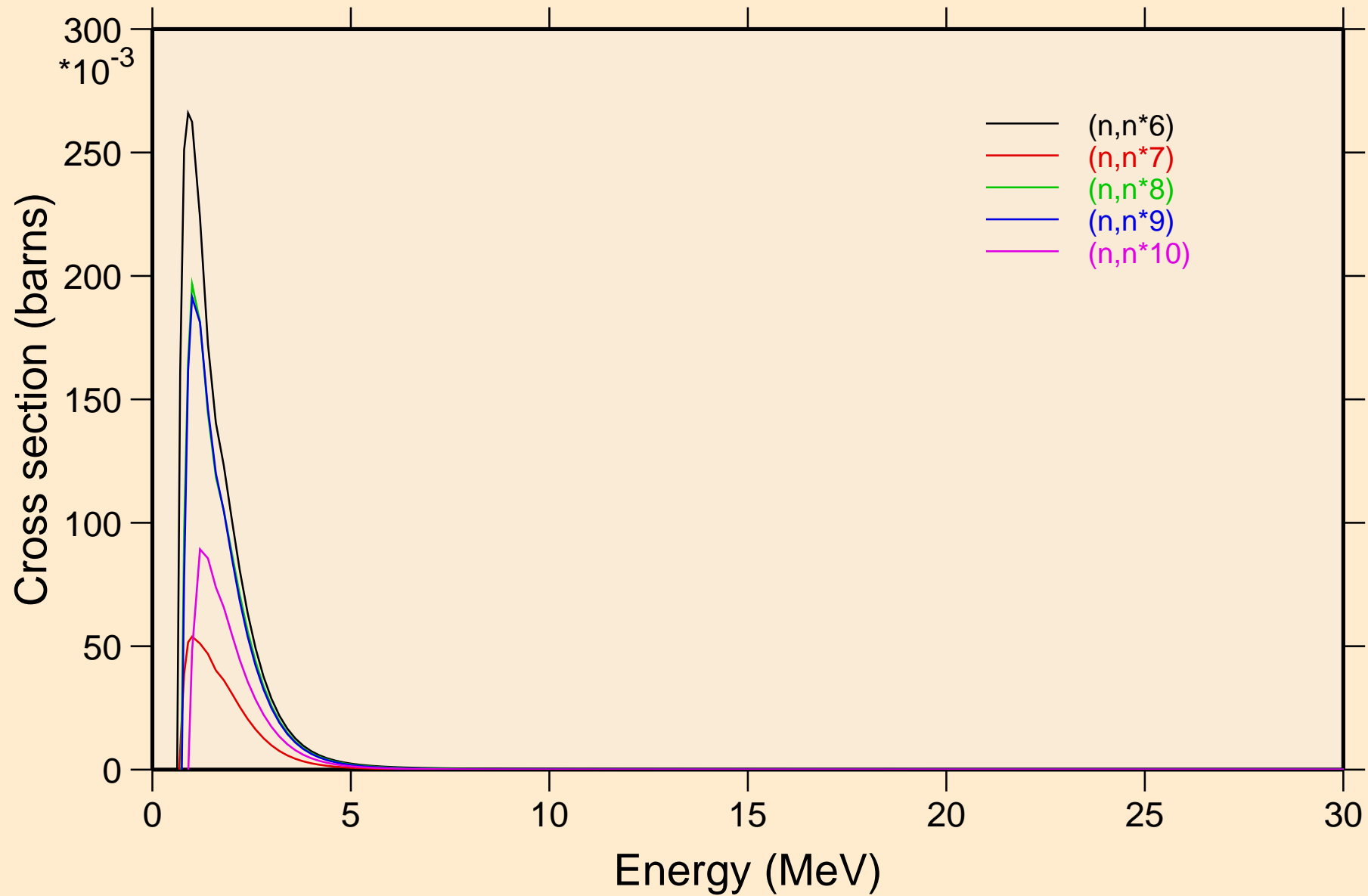


RU099 NRG TENDL-2015, AKONING  
Inelastic levels



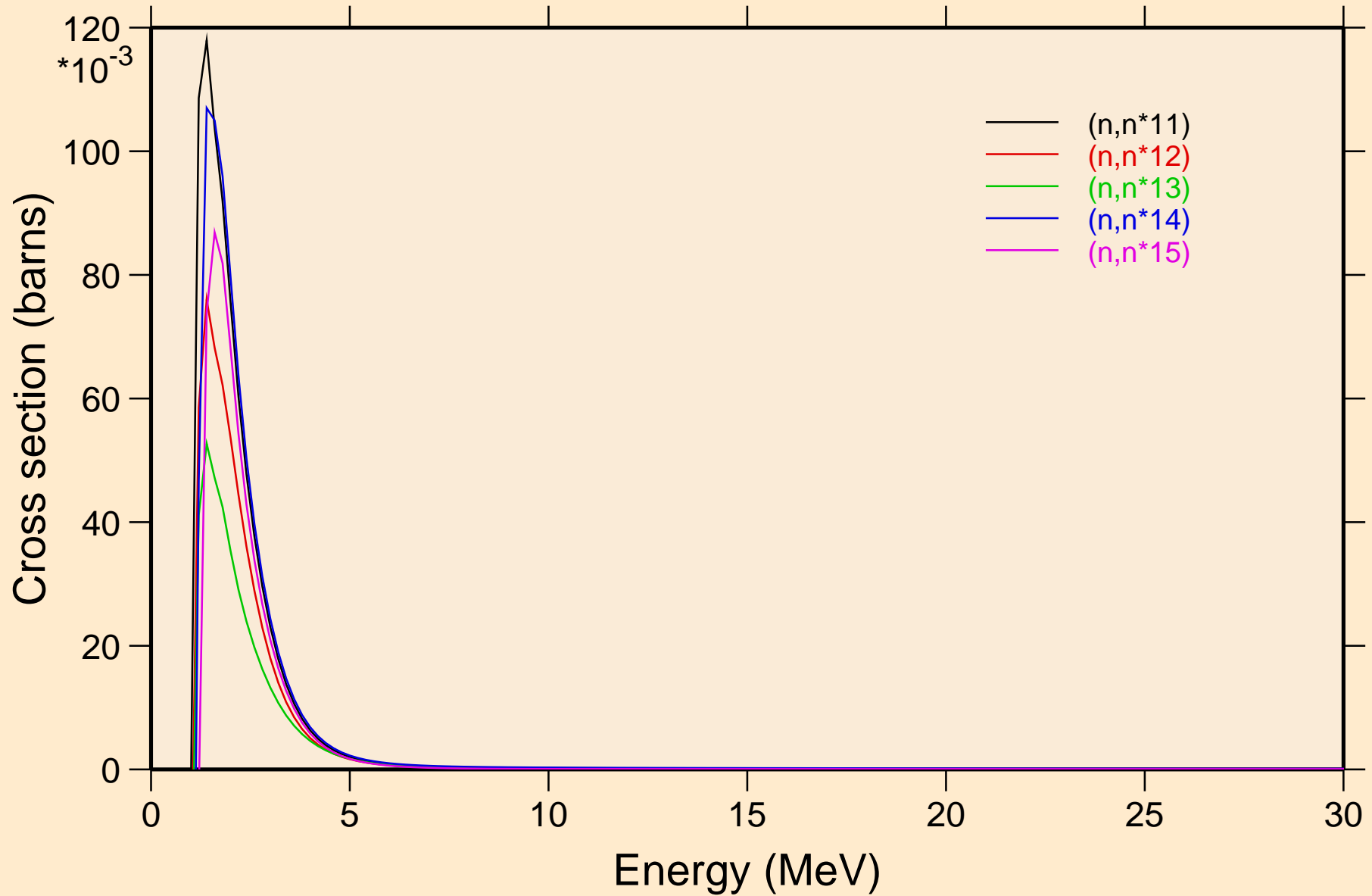
# RU099 NRG TENDL-2015, AKONING

## Inelastic levels



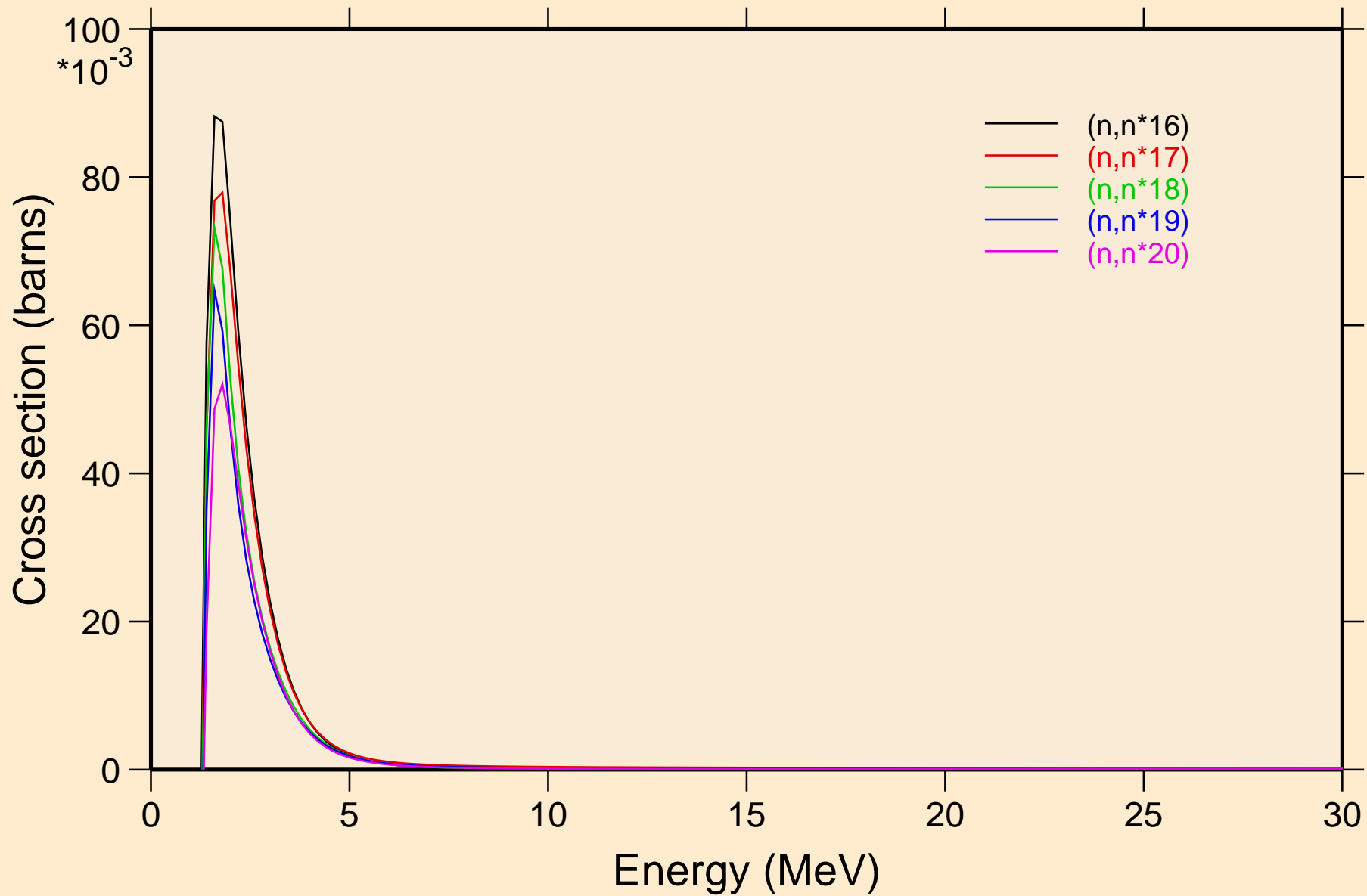
# RU099 NRG TENDL-2015, AKONING

## Inelastic levels



# RU099 NRG TENDL-2015, AKONING

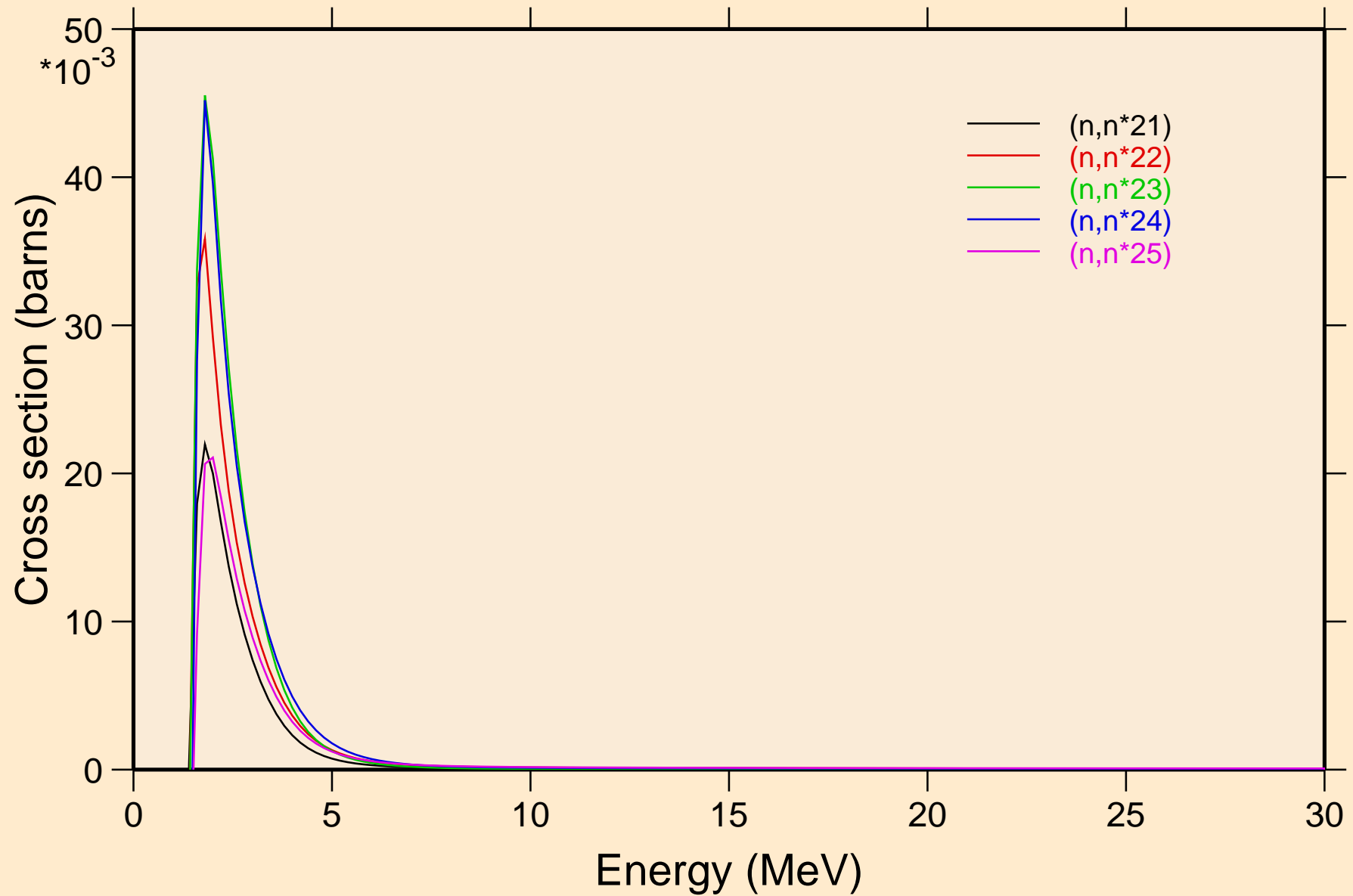
## Inelastic levels





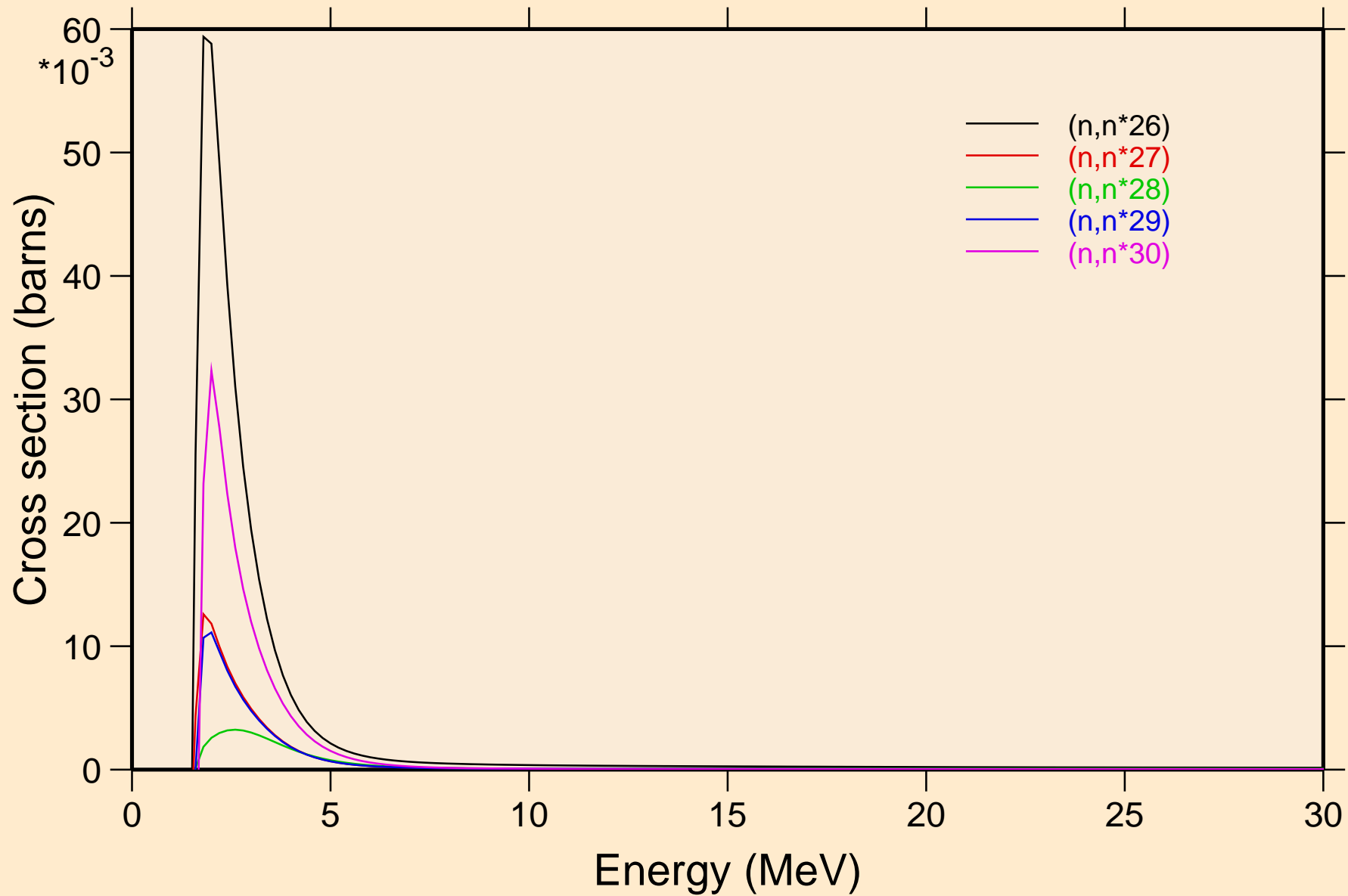
# RU099 NRG TENDL-2015, AKONING

## Inelastic levels



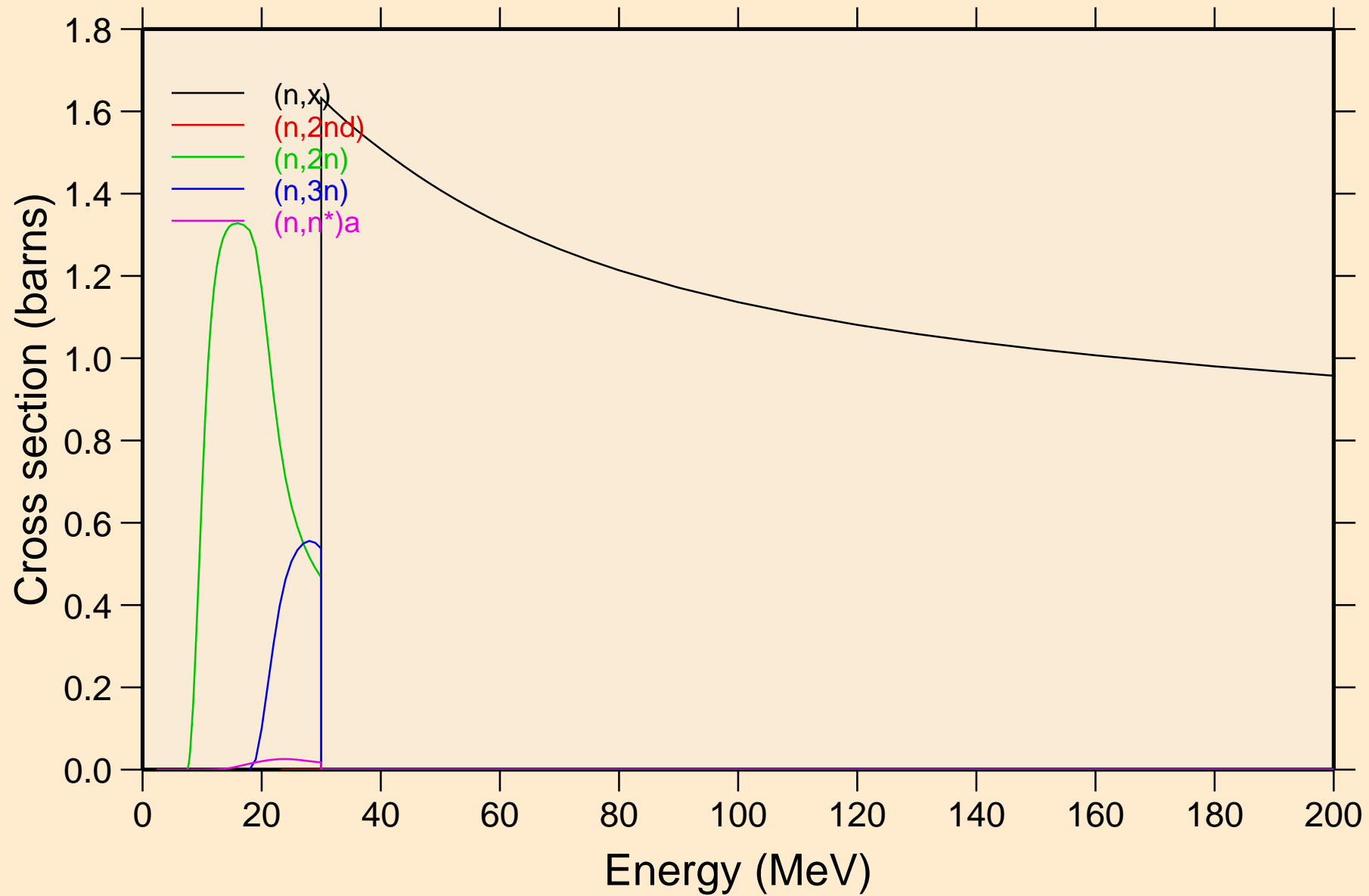
# RU099 NRG TENDL-2015, AKONING

## Inelastic levels



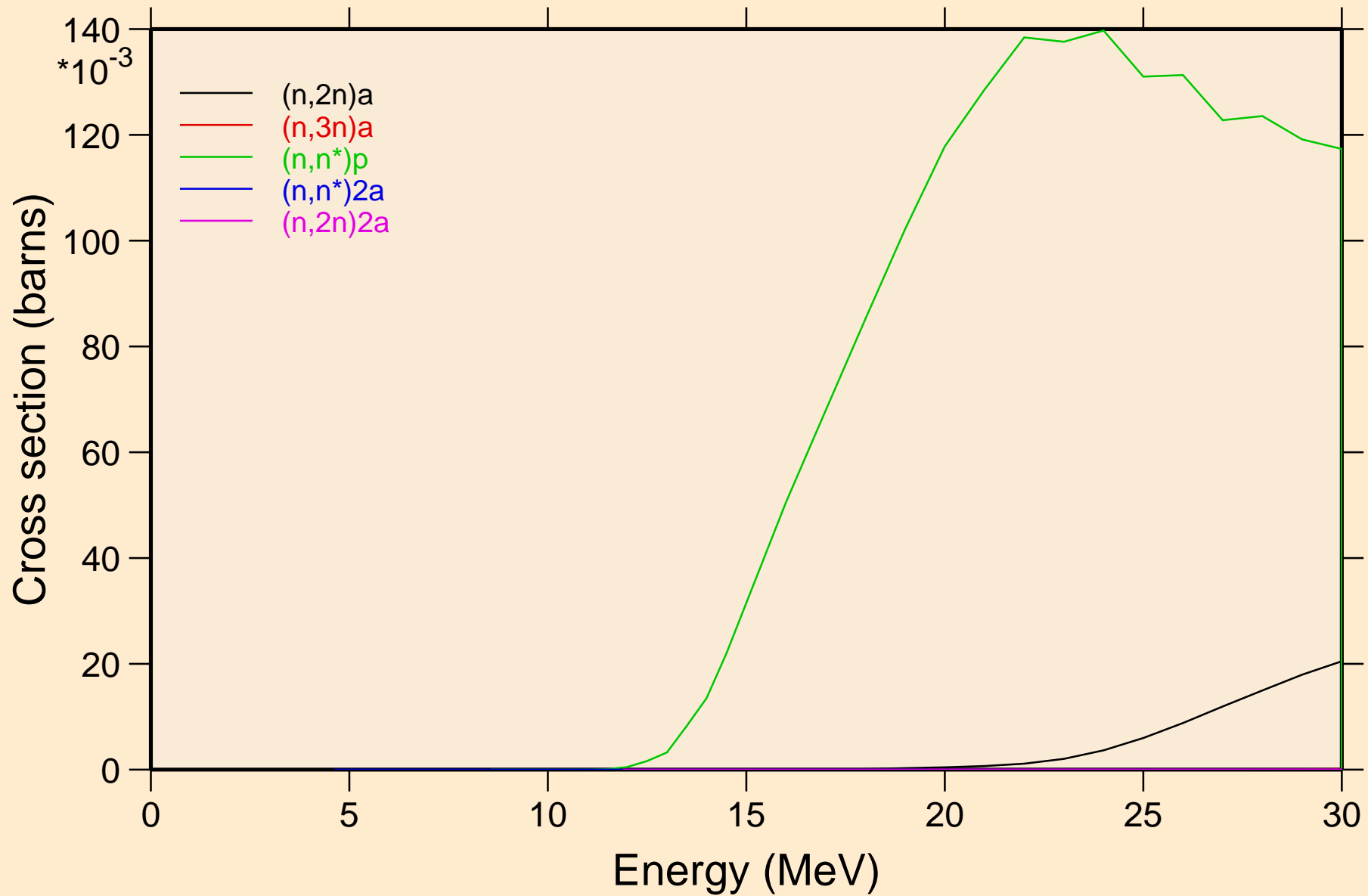
# RU099 NRG TENDL-2015, AKONING

## Threshold reactions



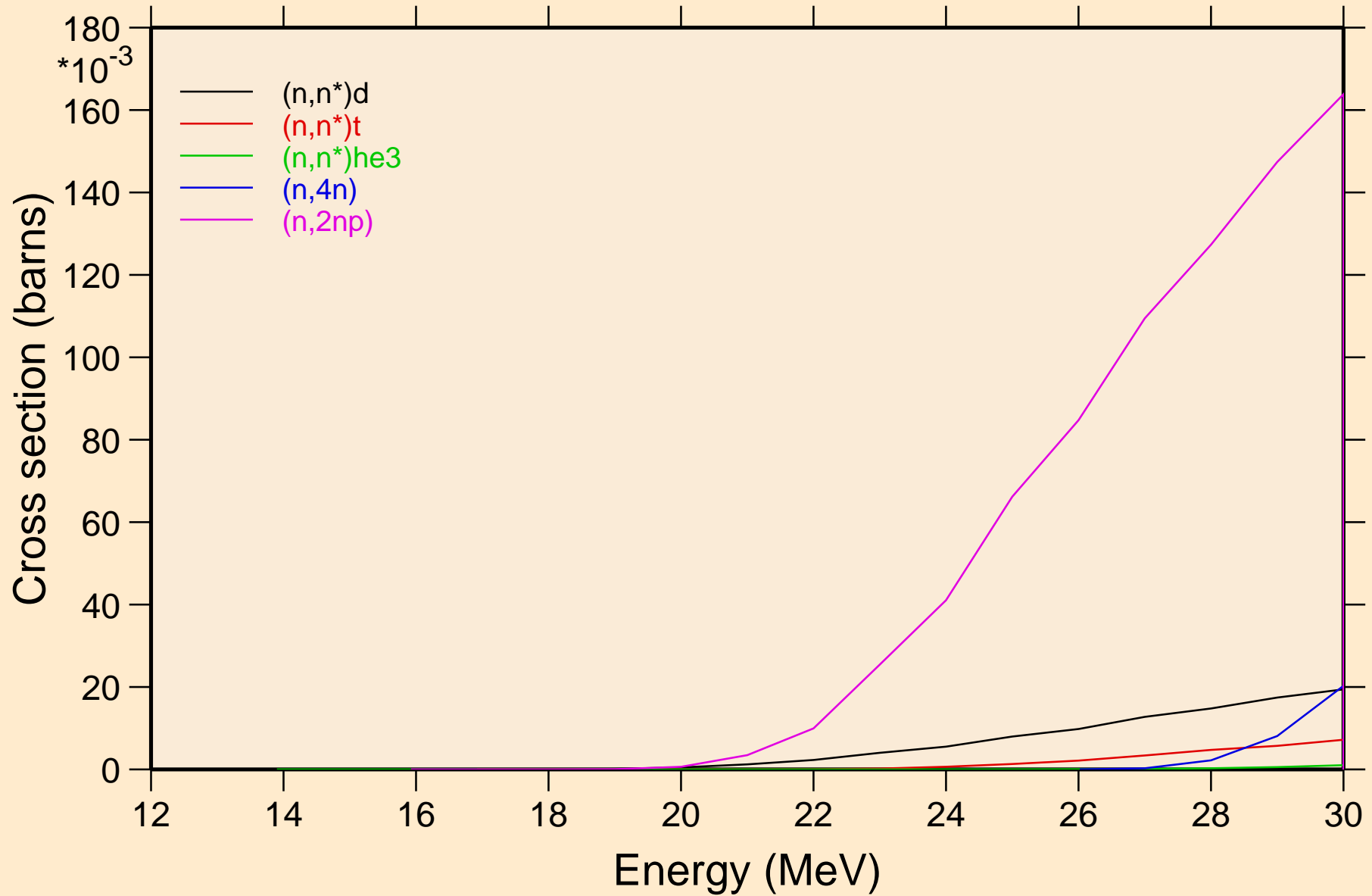
# RU099 NRG TENDL-2015, AKONING

## Threshold reactions



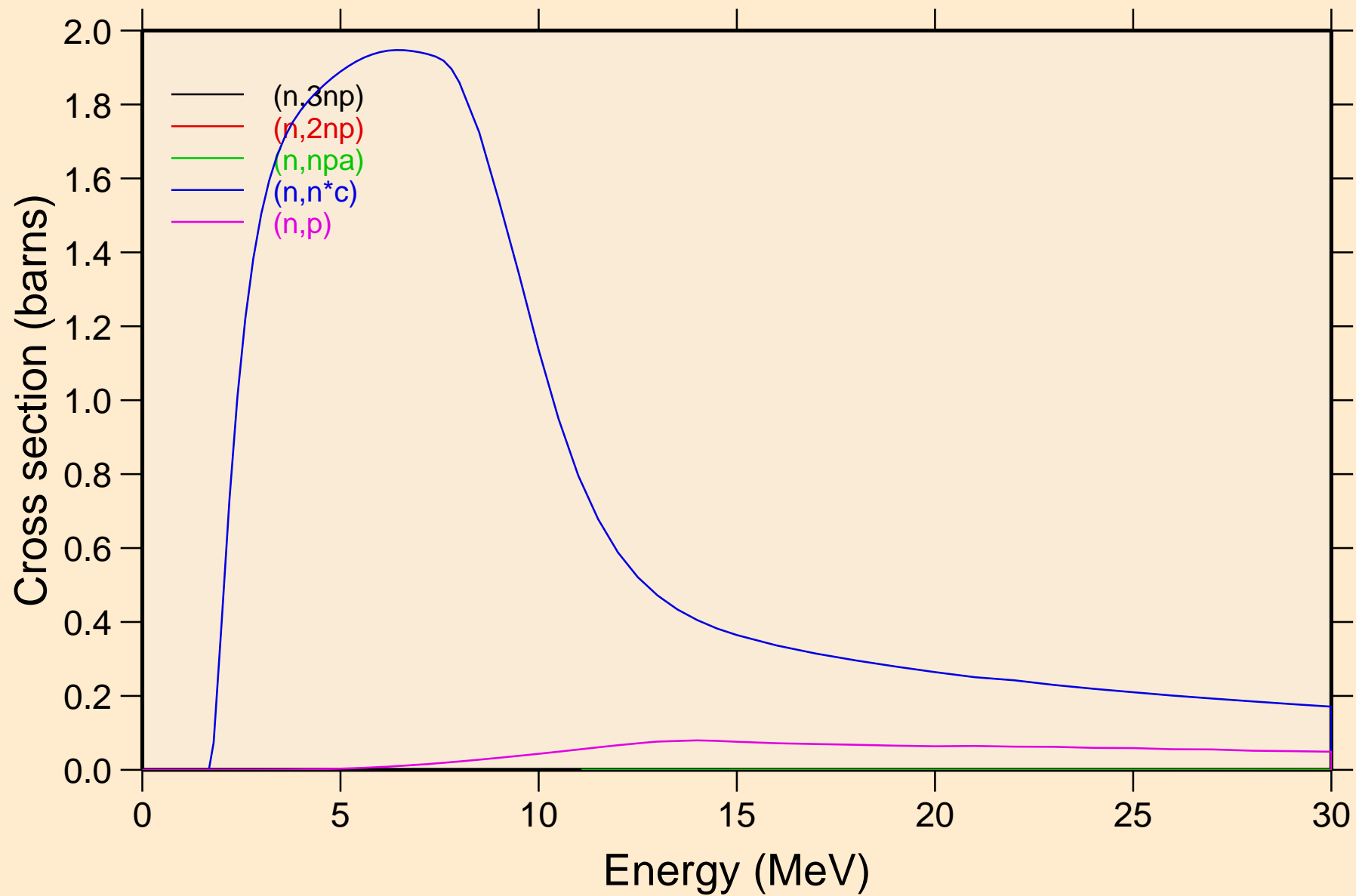
# RU099 NRG TENDL-2015, AKONING

## Threshold reactions



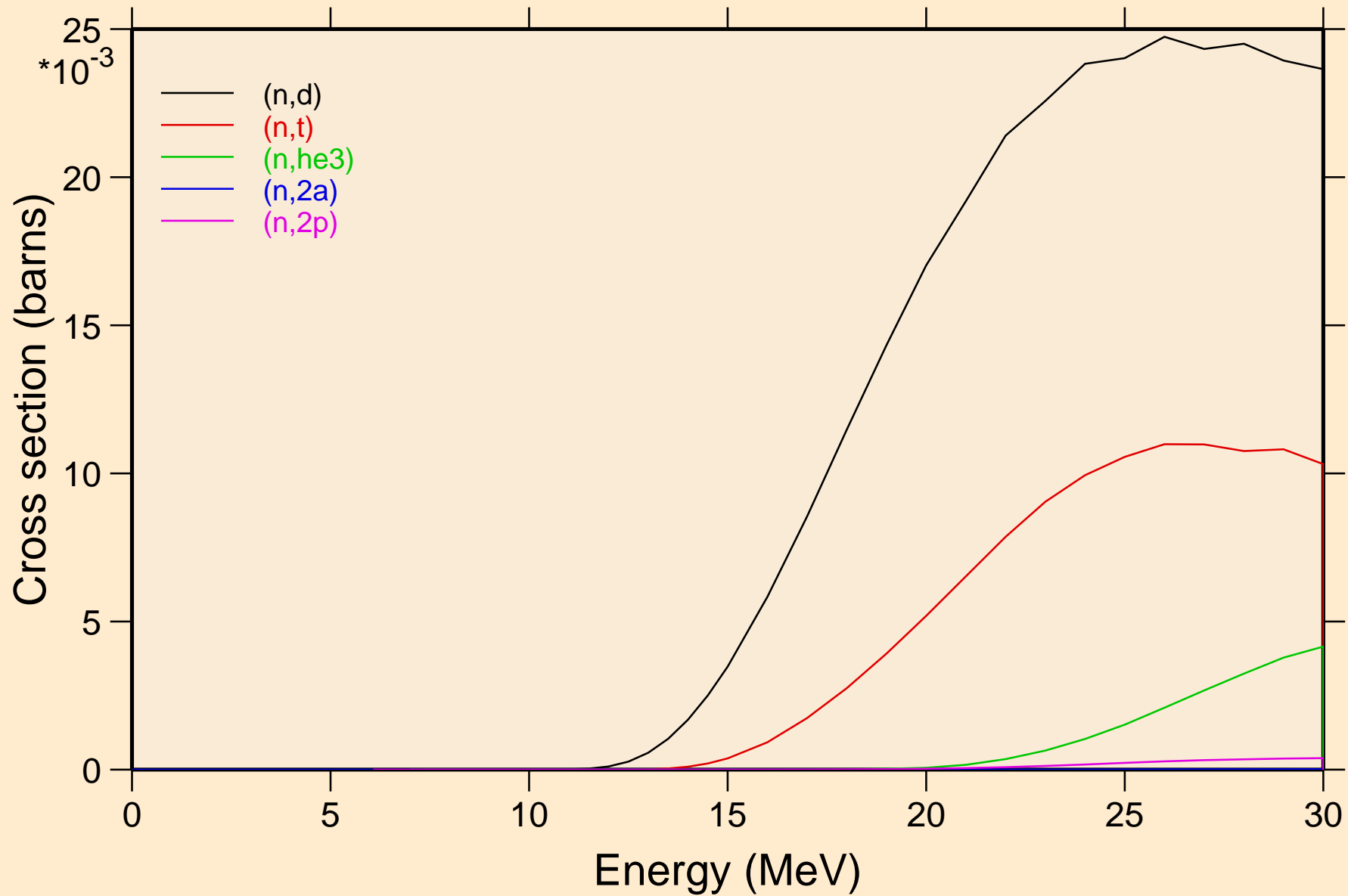
# RU099 NRG TENDL-2015, AKONING

## Threshold reactions



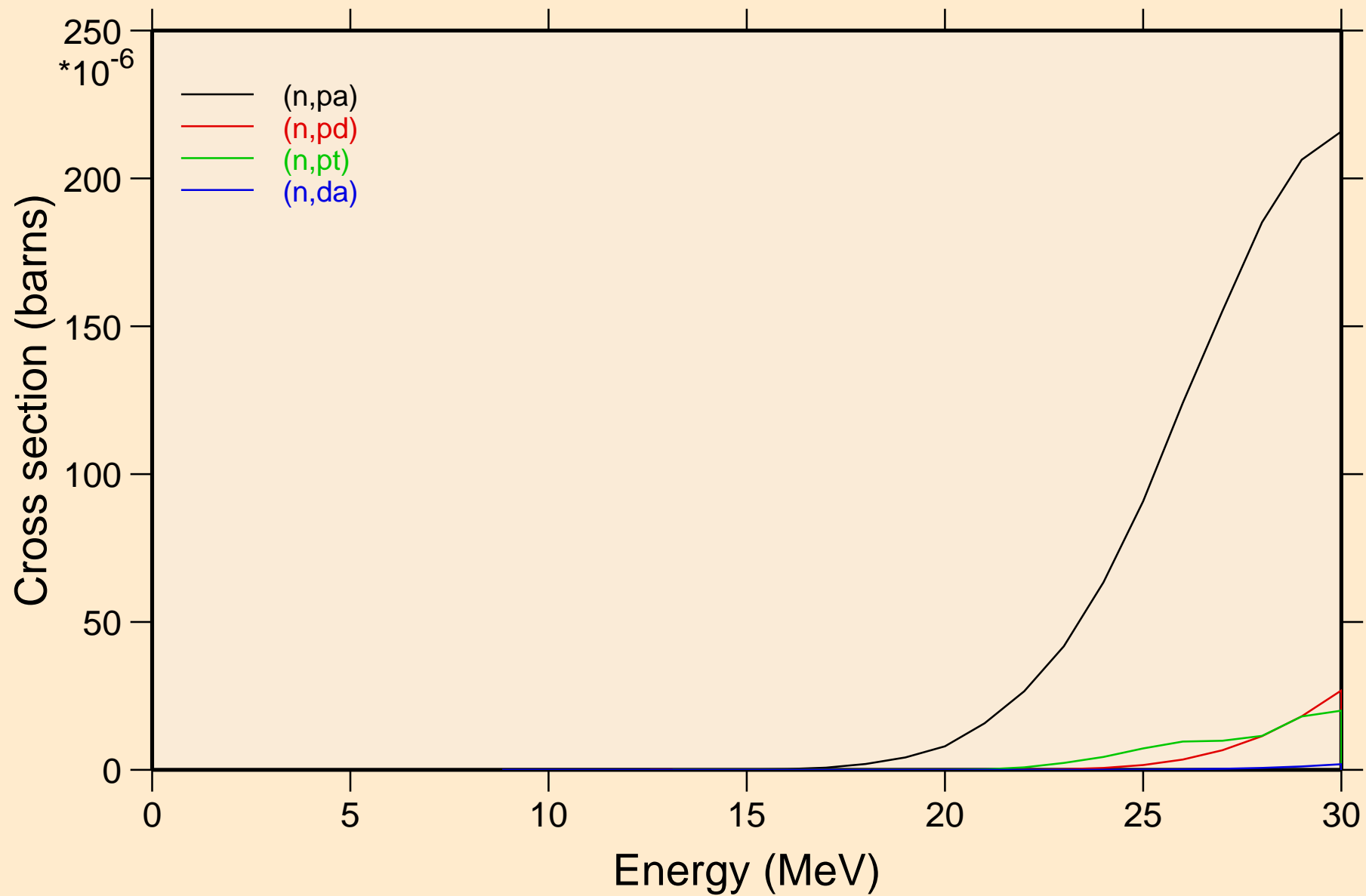
# RU099 NRG TENDL-2015, AKONING

## Threshold reactions



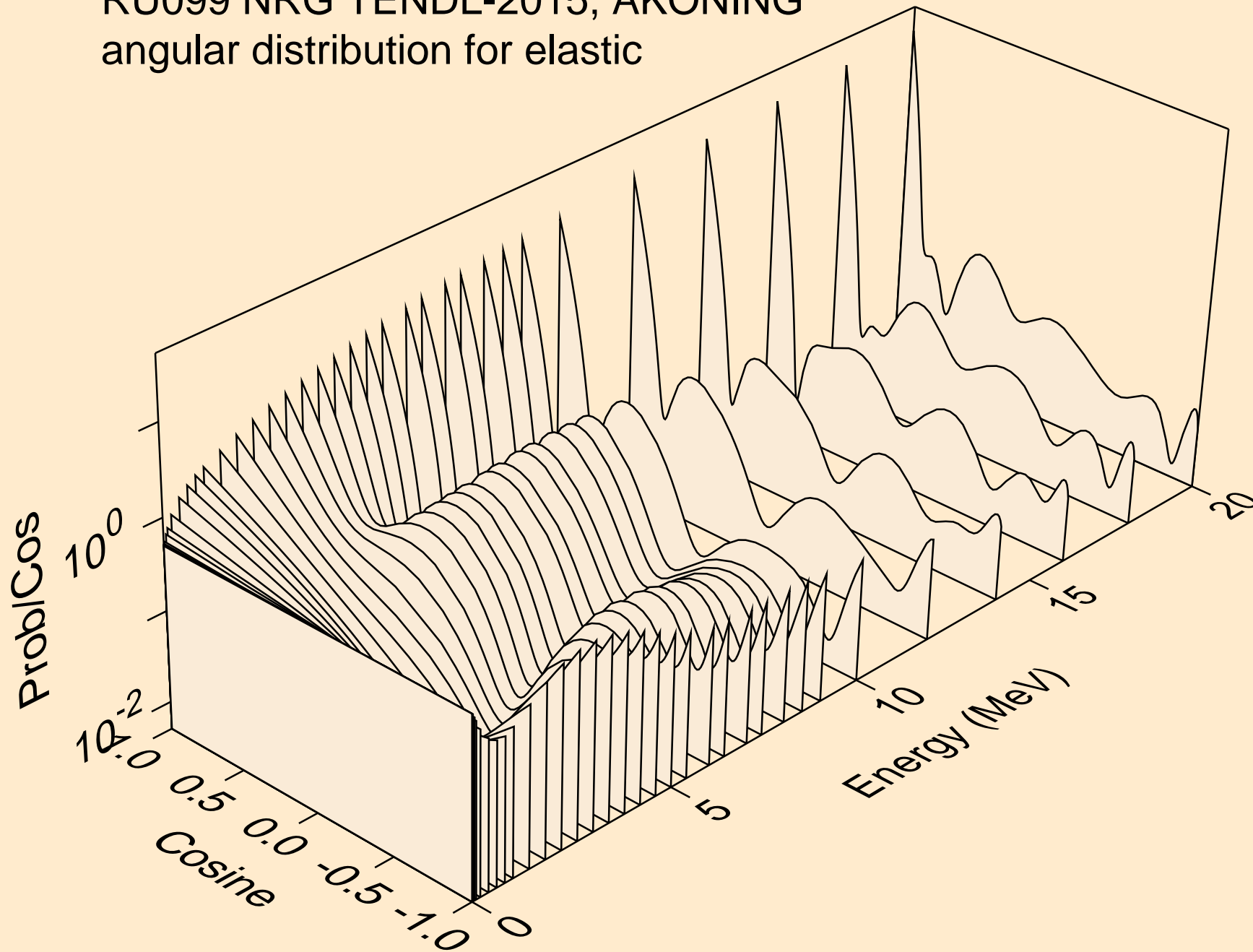
# RU099 NRG TENDL-2015, AKONING

## Threshold reactions

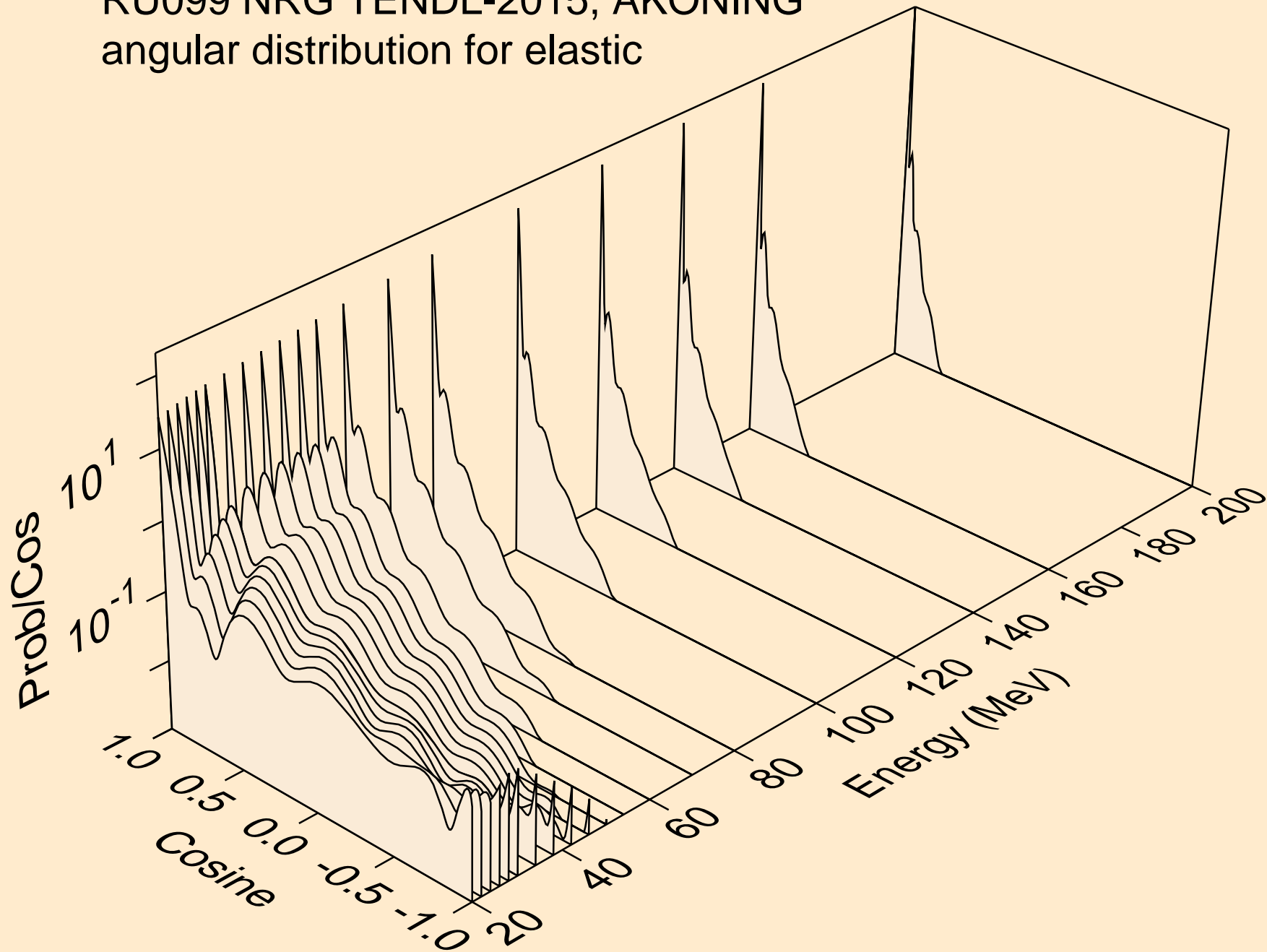




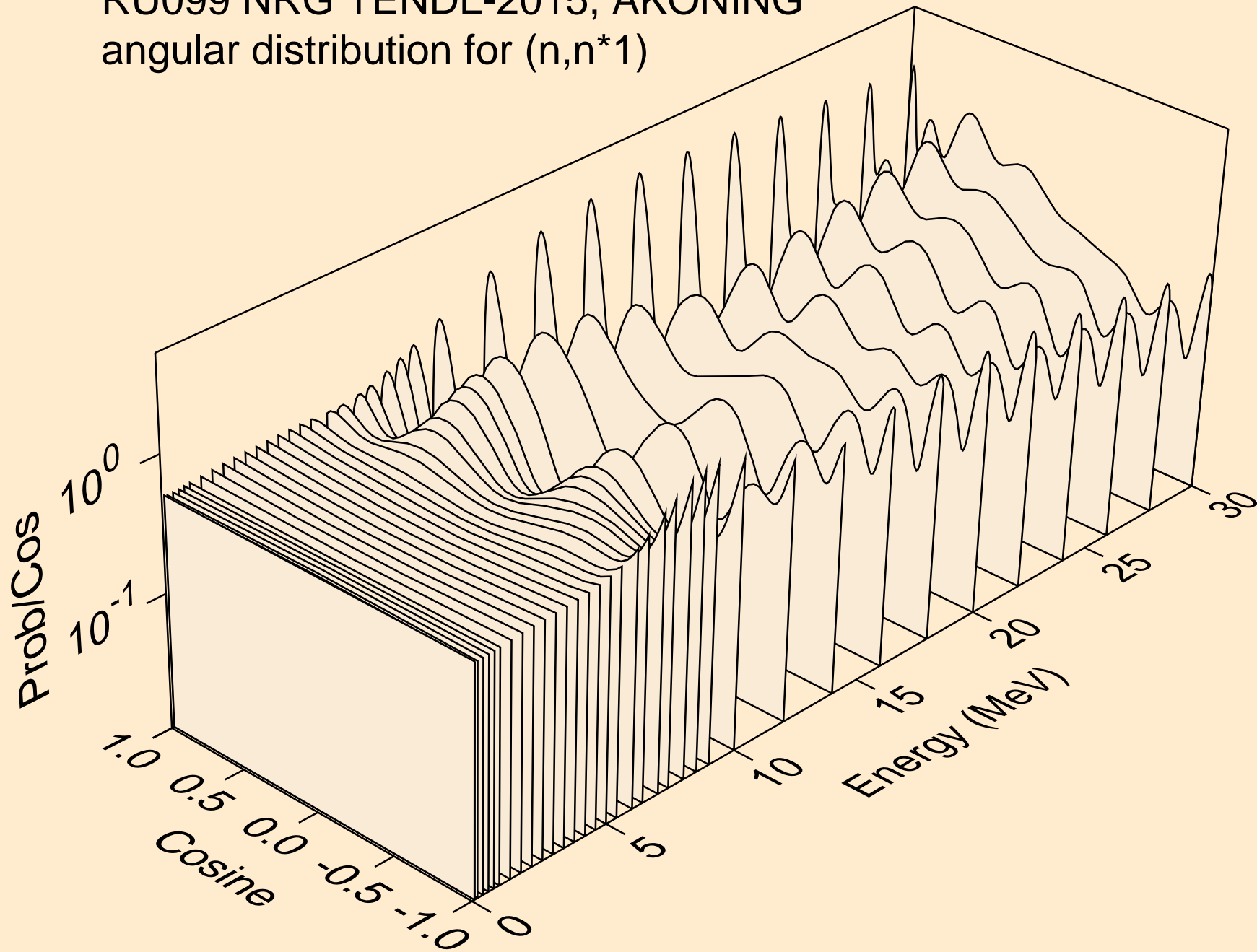
RU099 NRG TENDL-2015, AKONING  
angular distribution for elastic



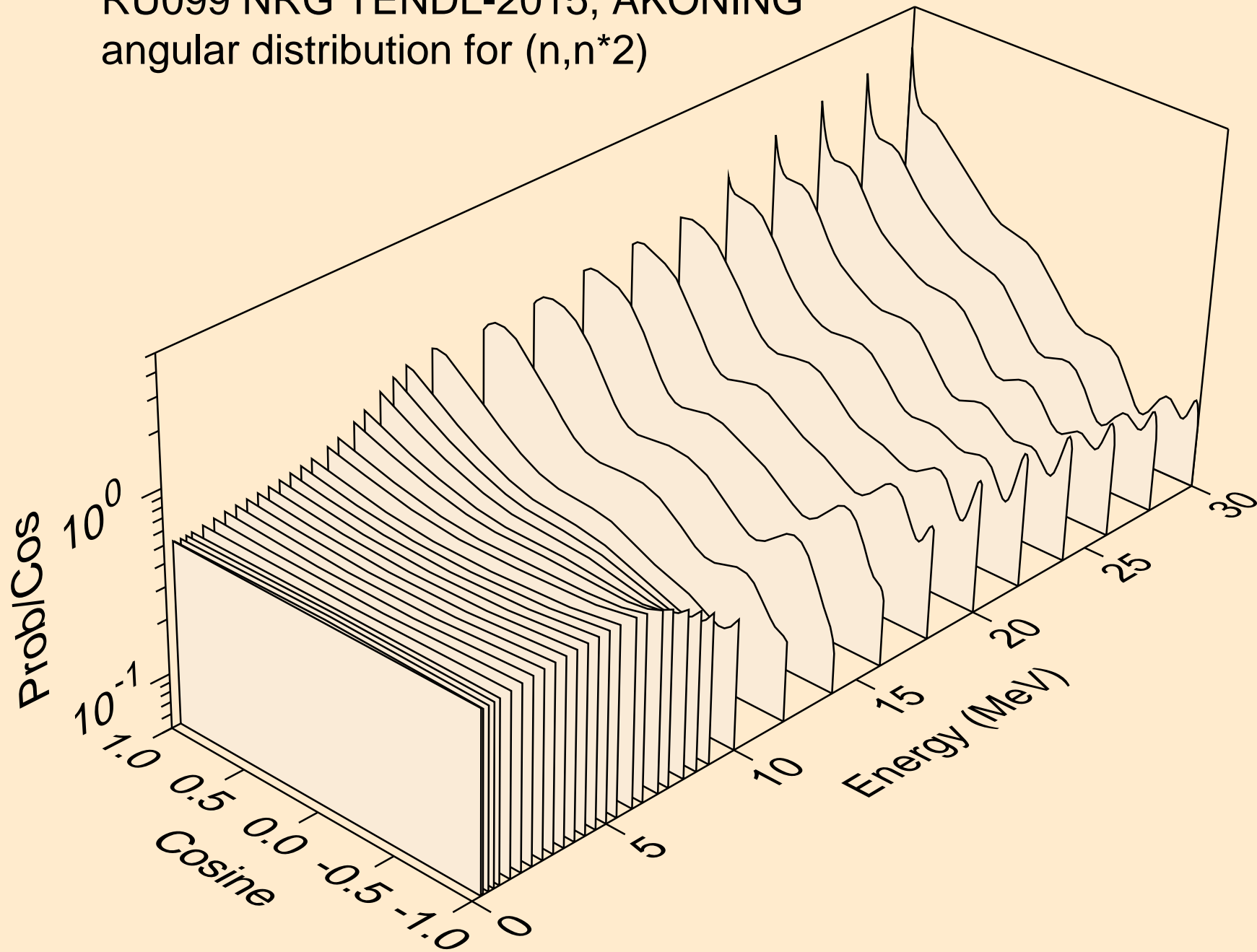
RU099 NRG TENDL-2015, AKONING  
angular distribution for elastic



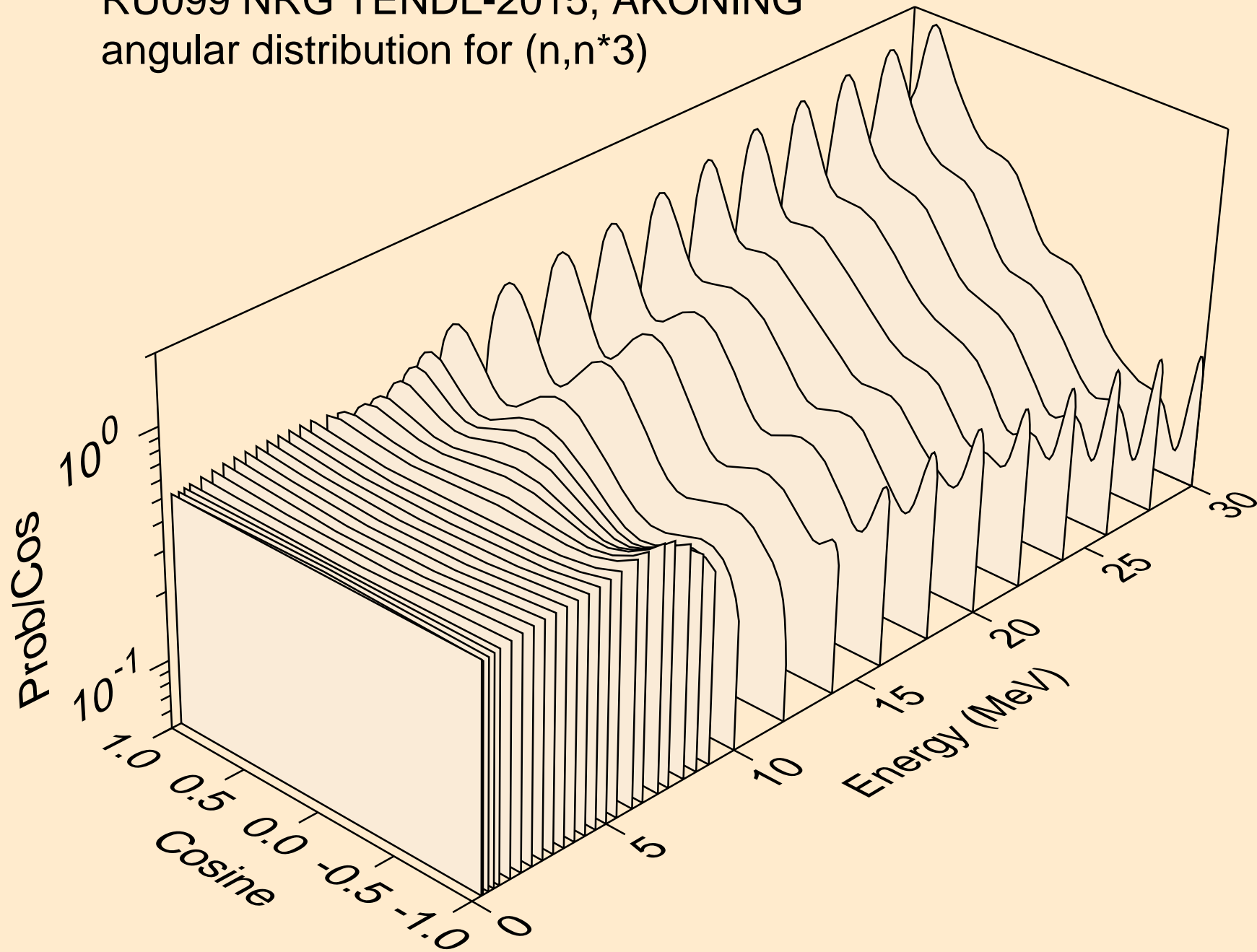
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



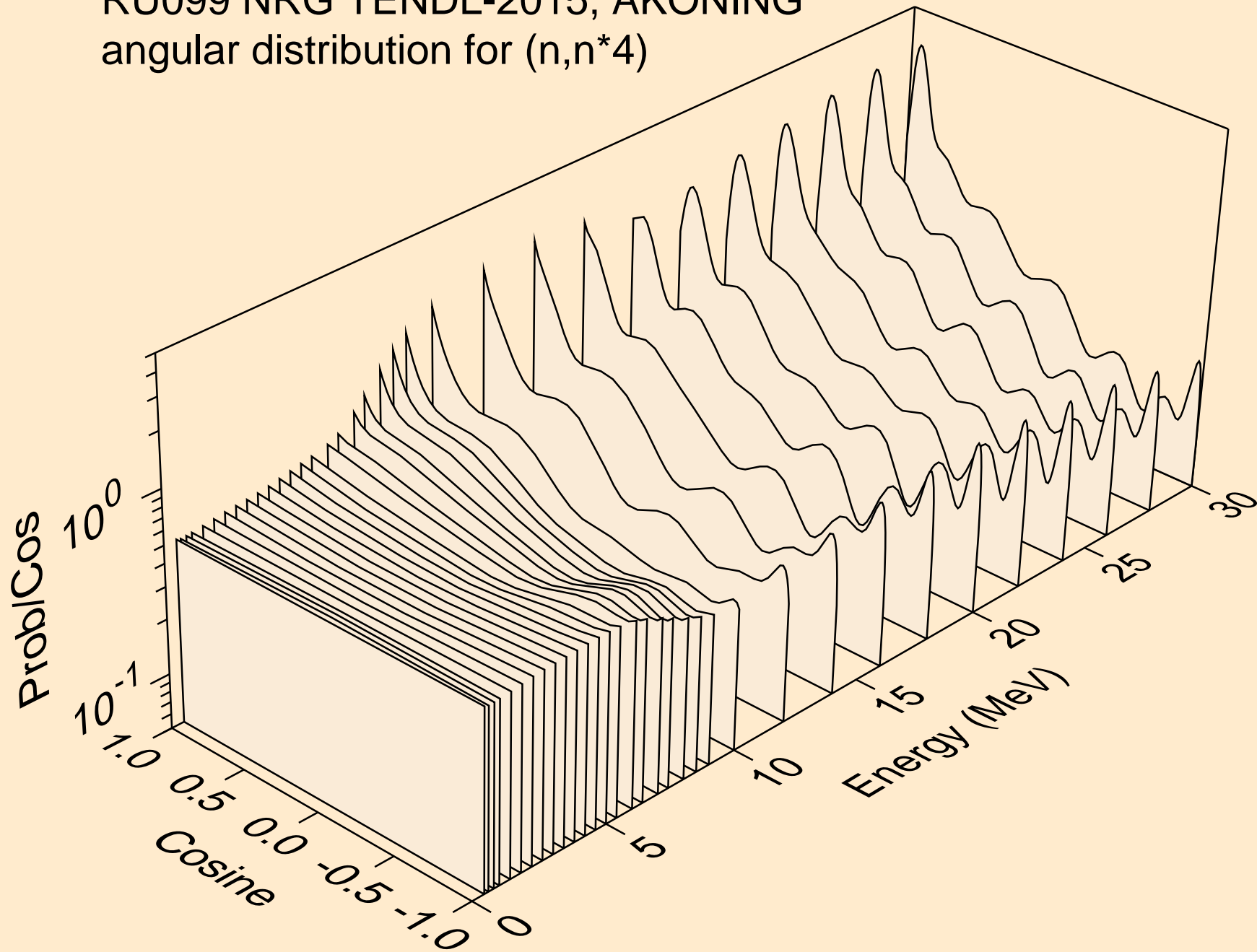
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



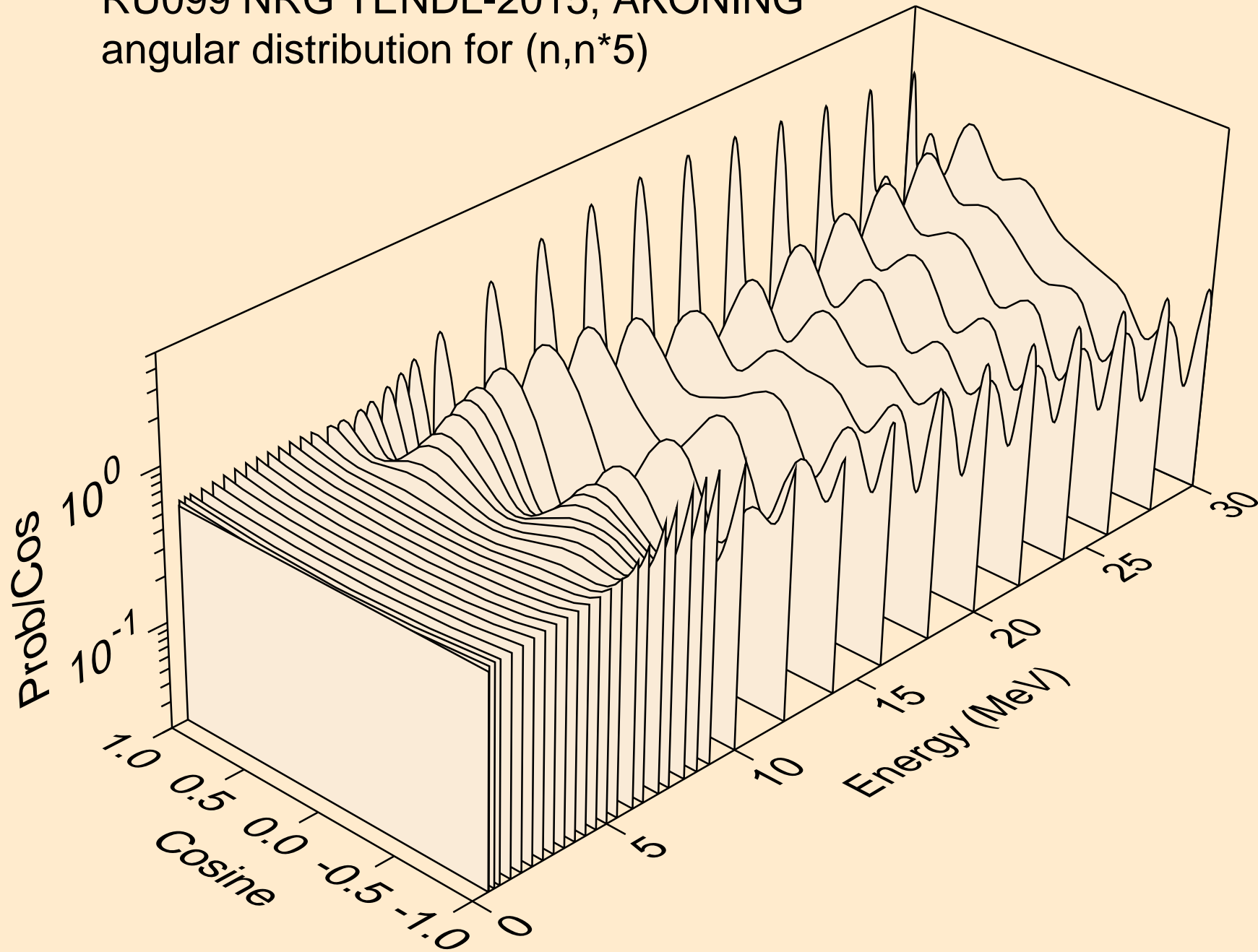
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



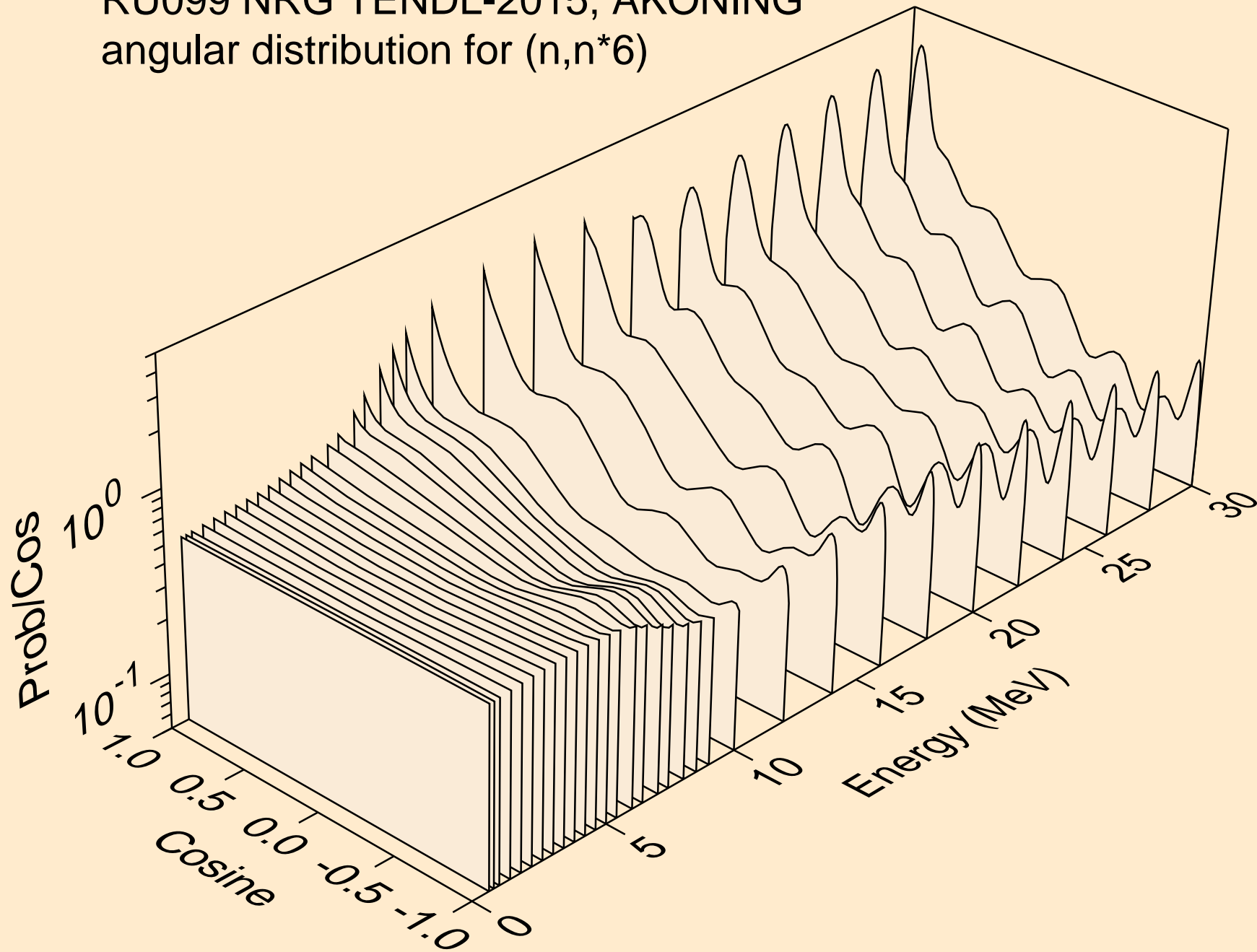
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

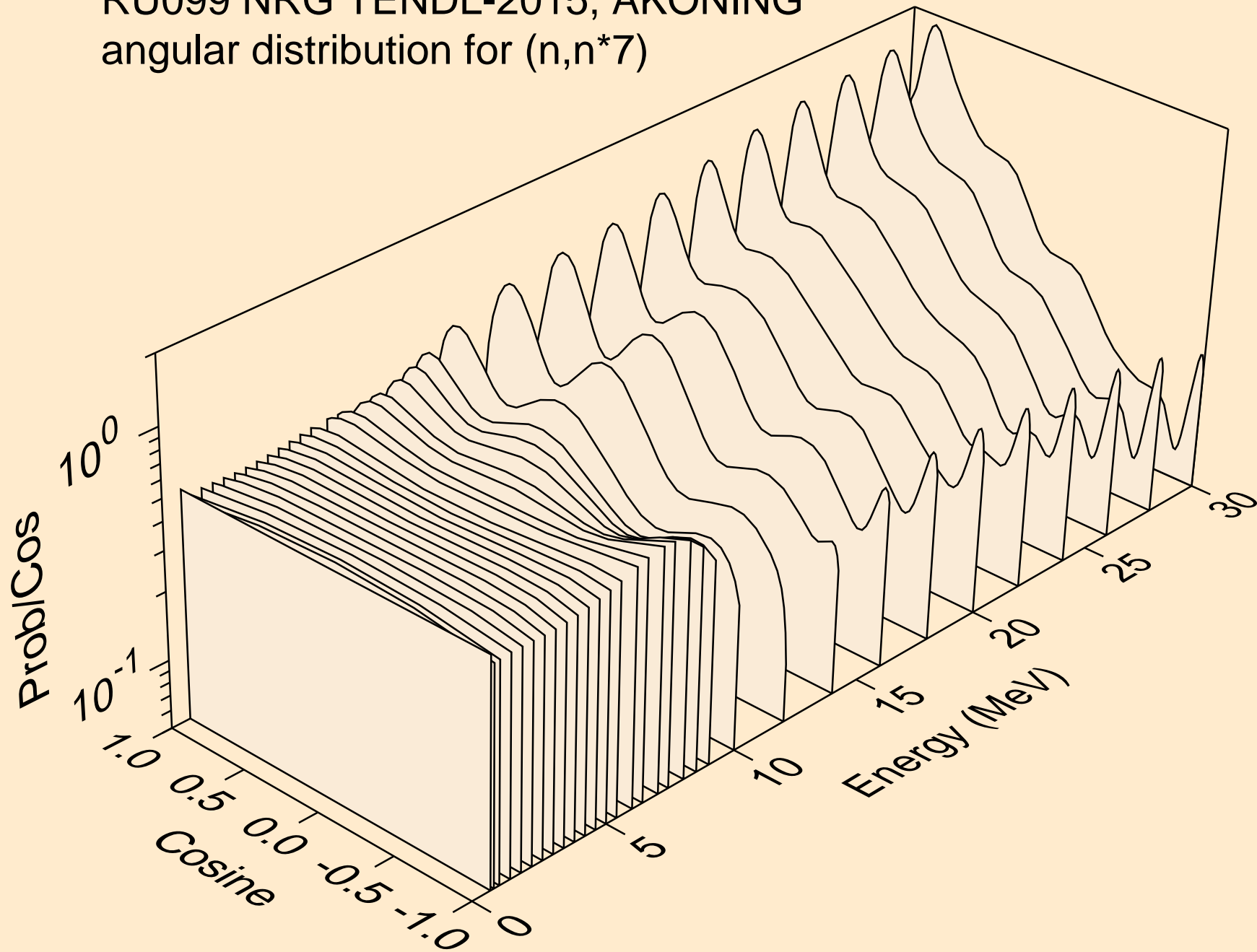


RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

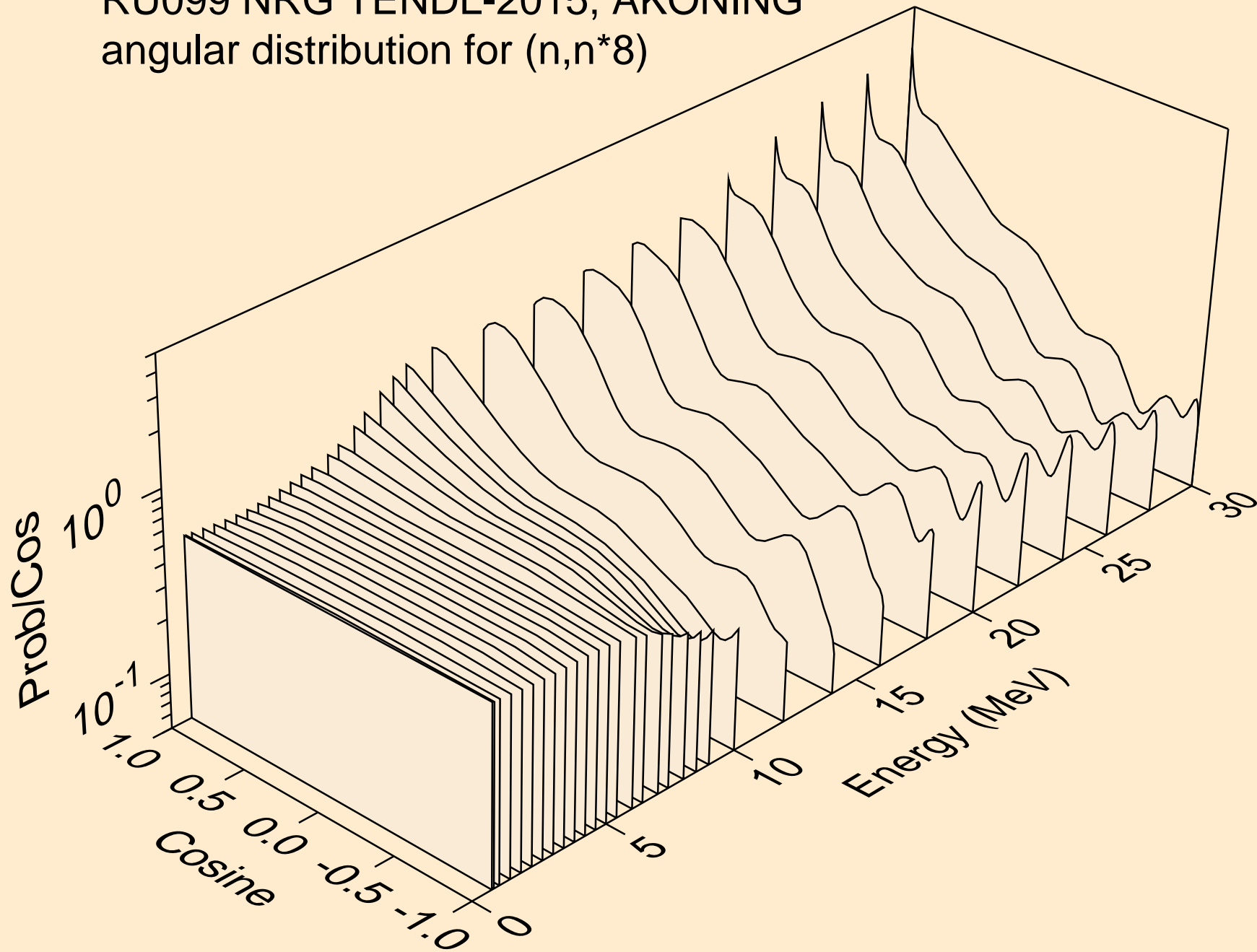




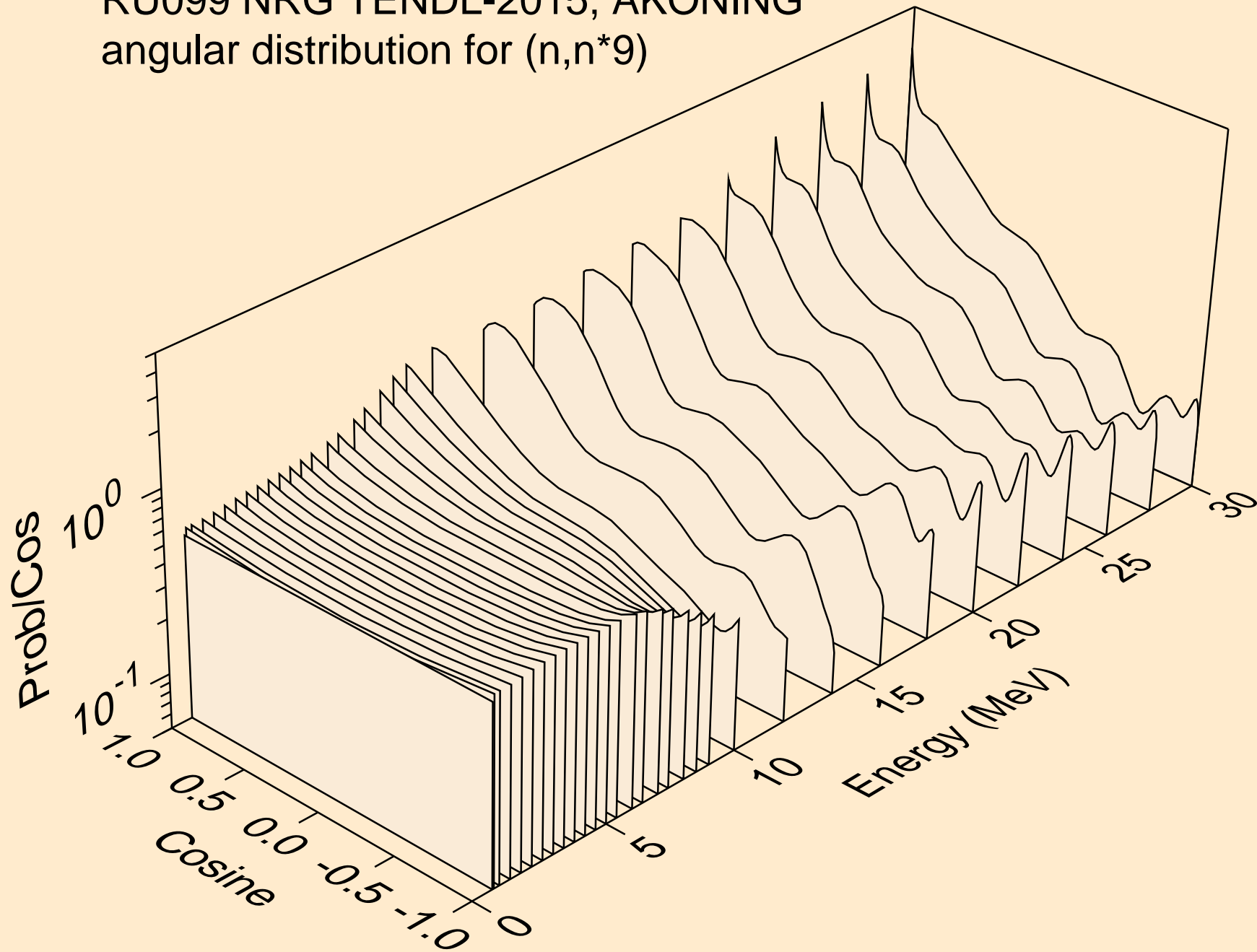
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



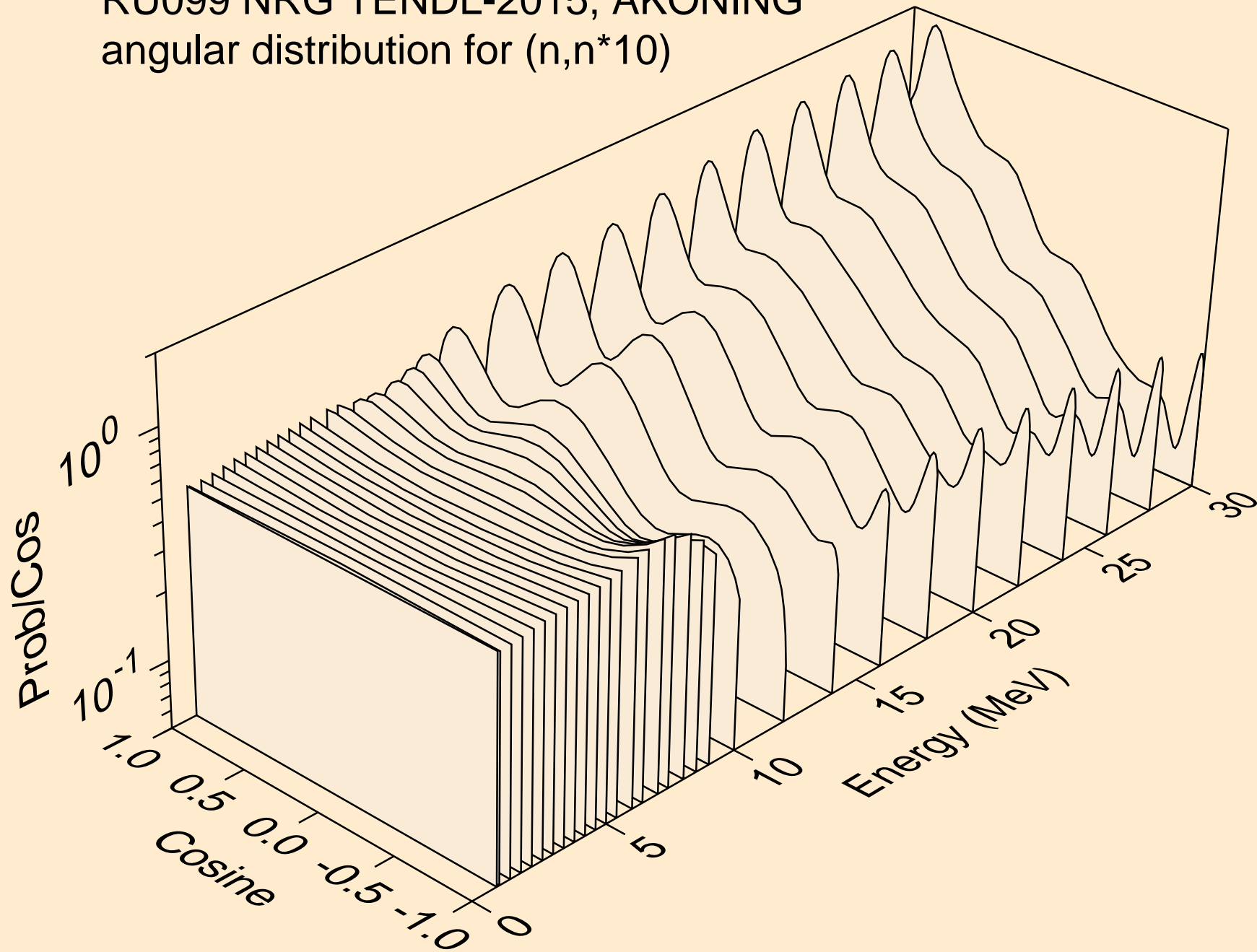
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



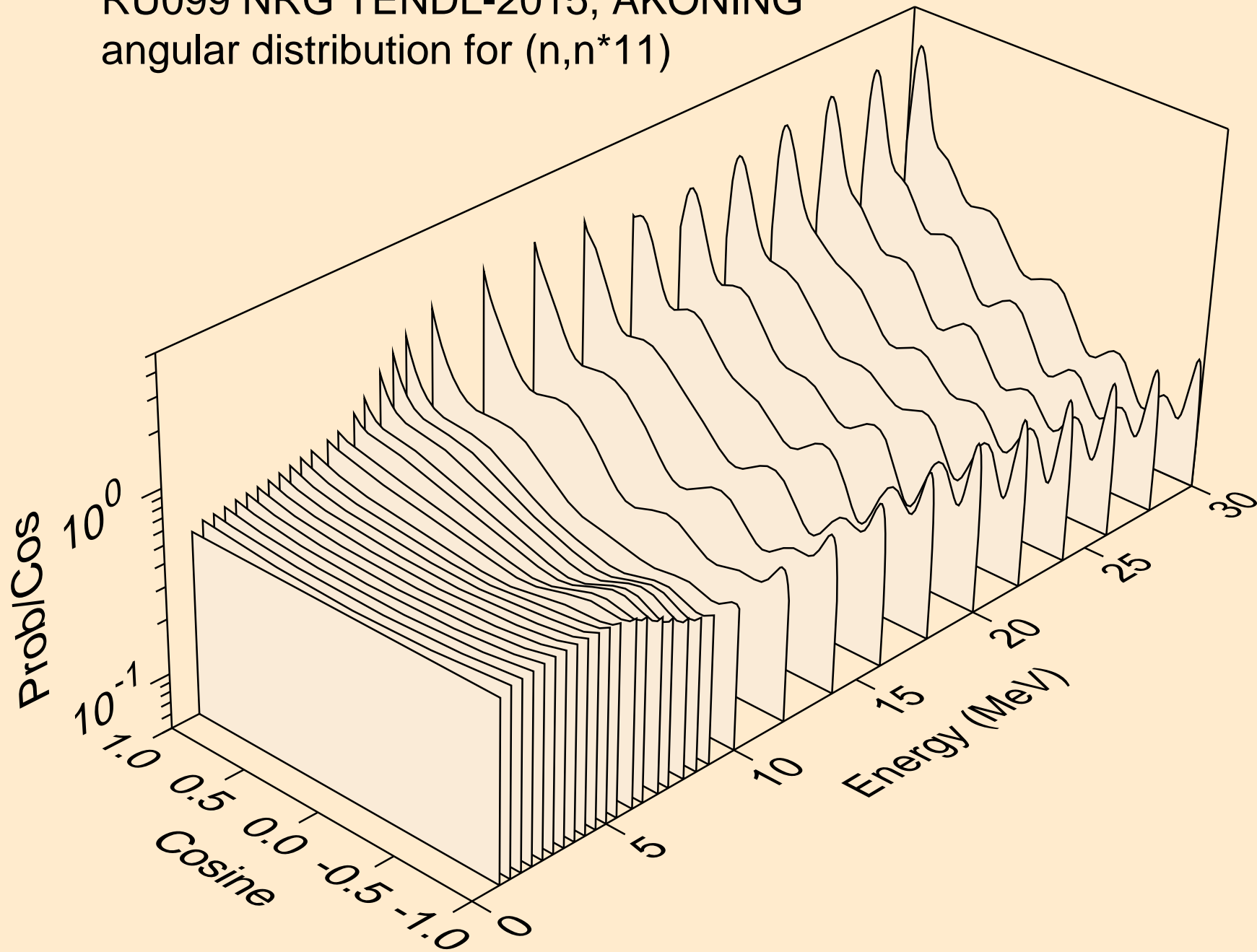
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



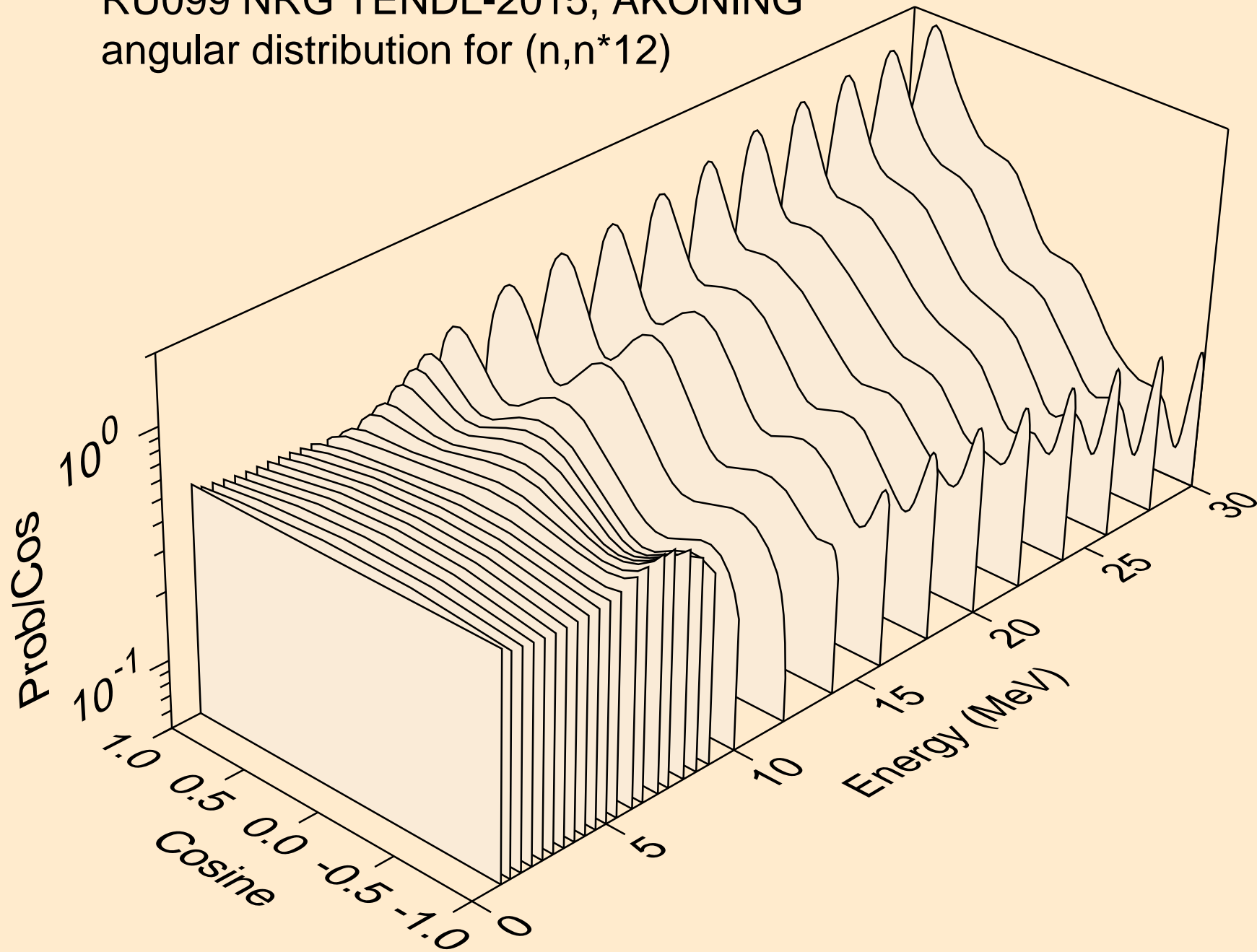
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



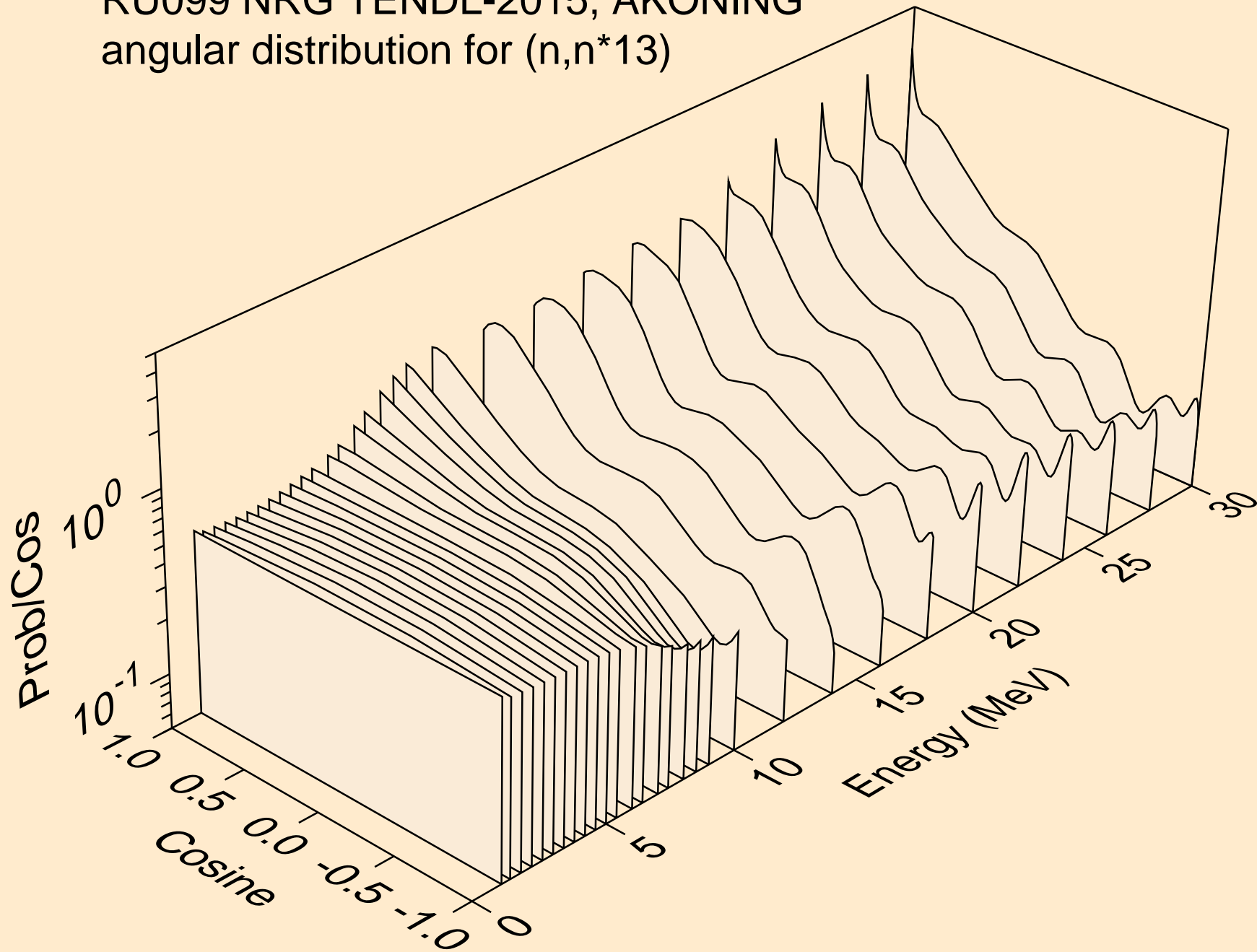
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



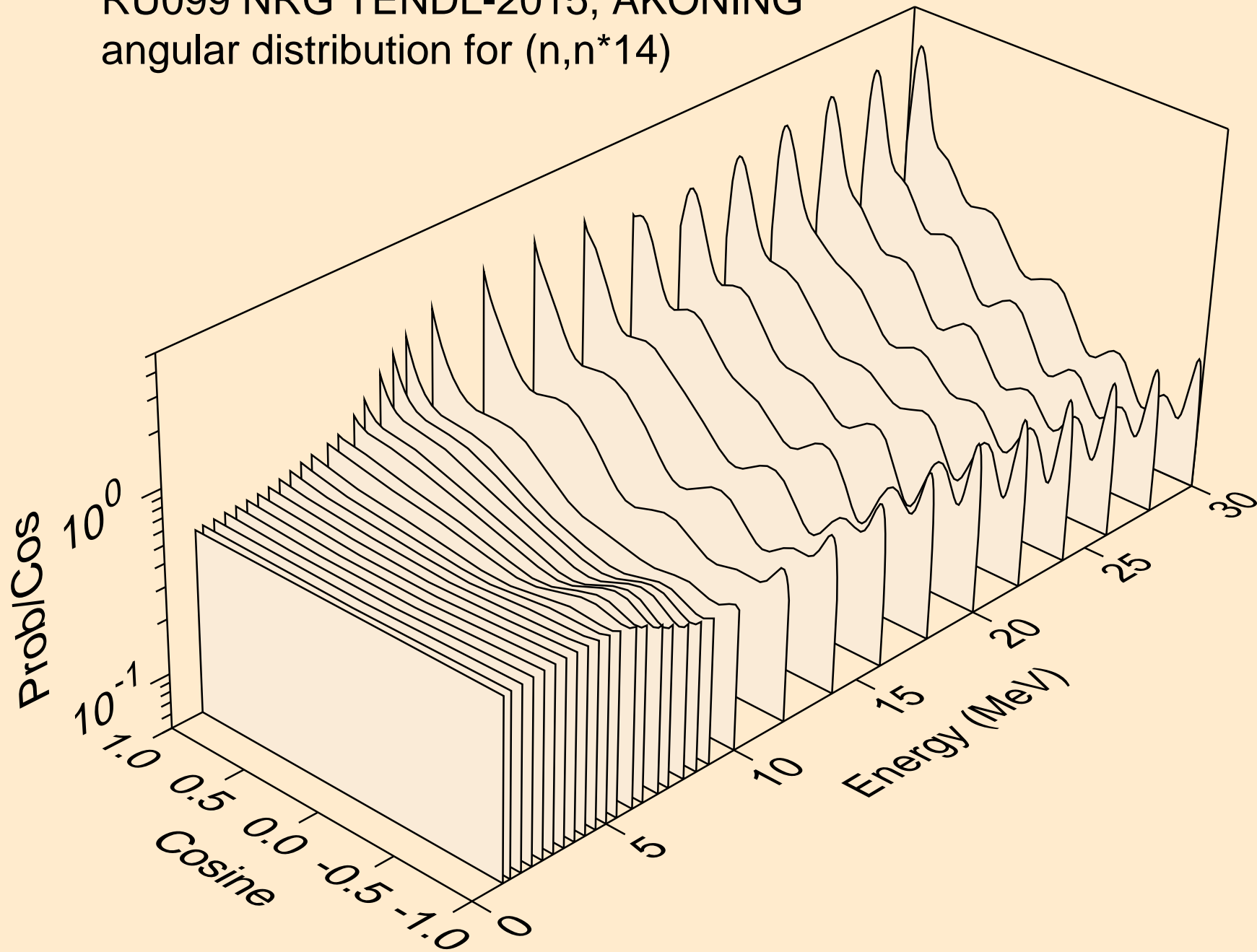
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

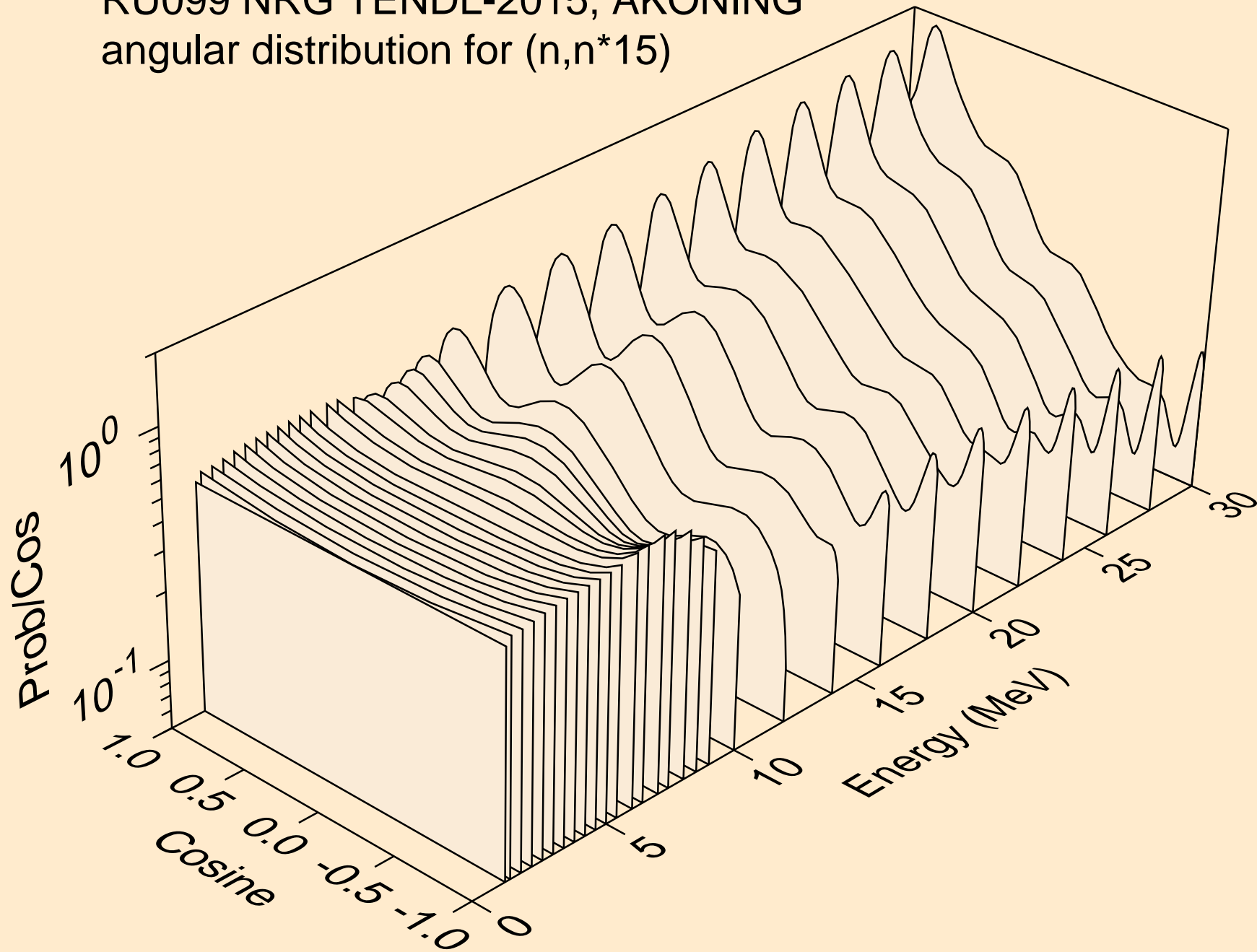


RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

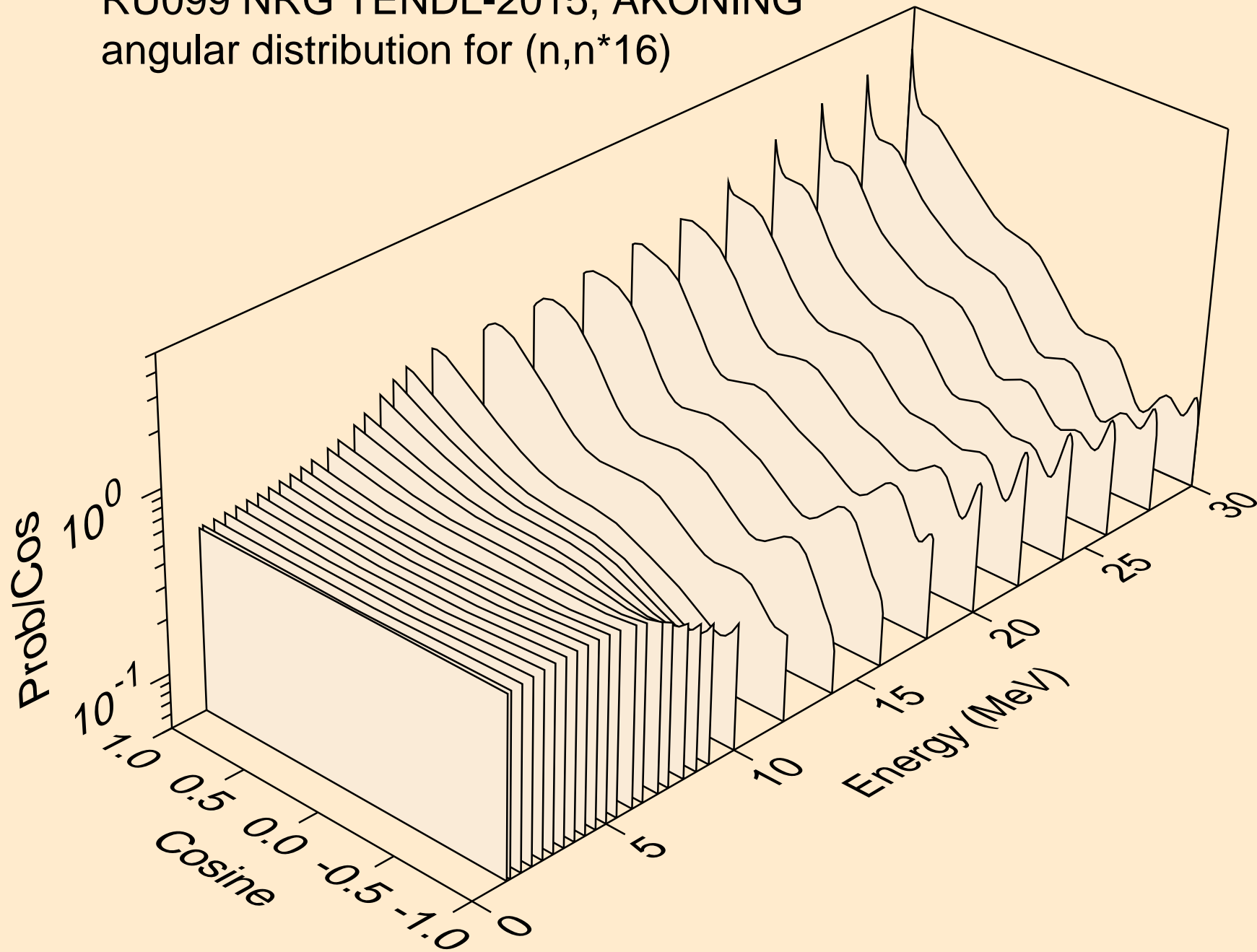




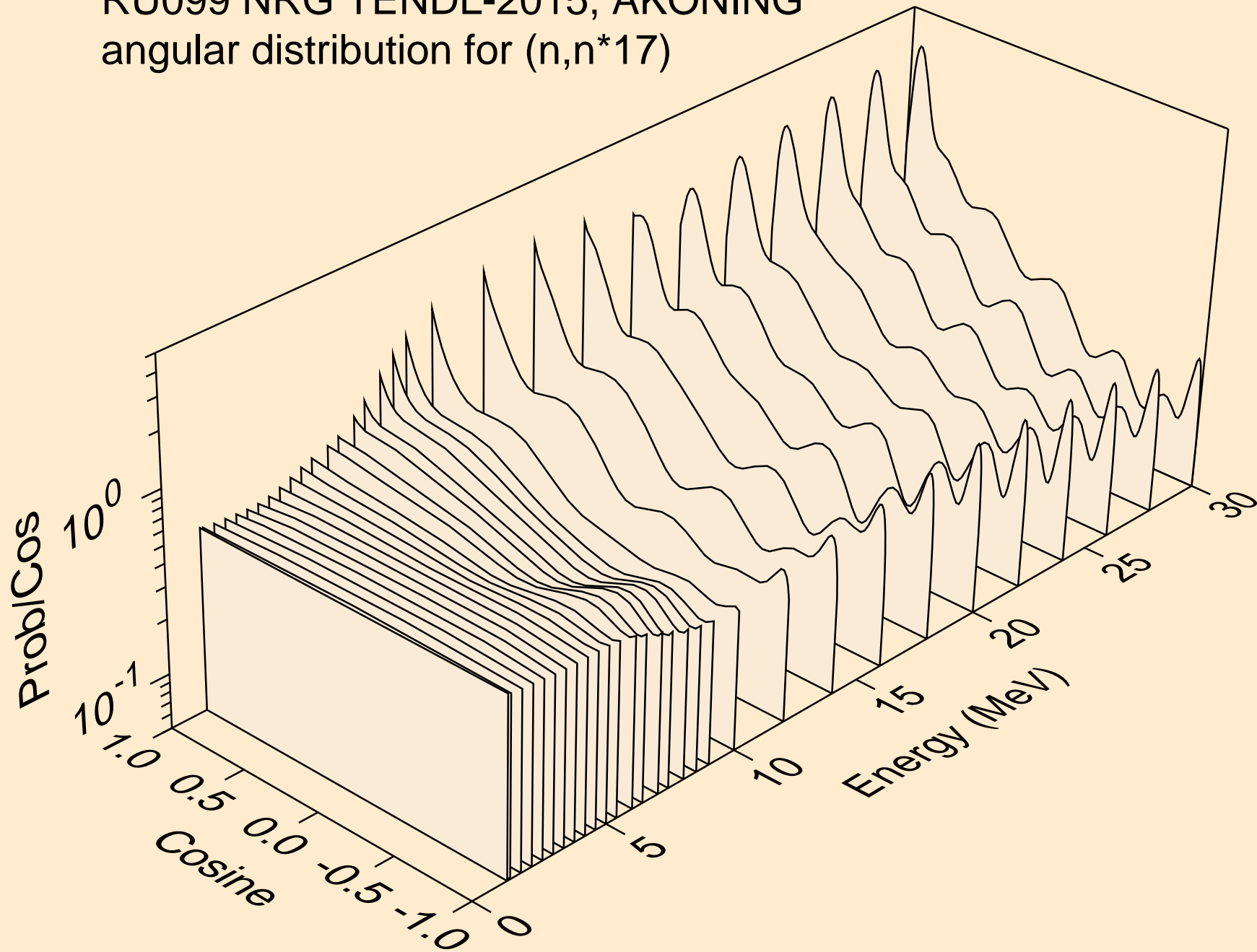
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



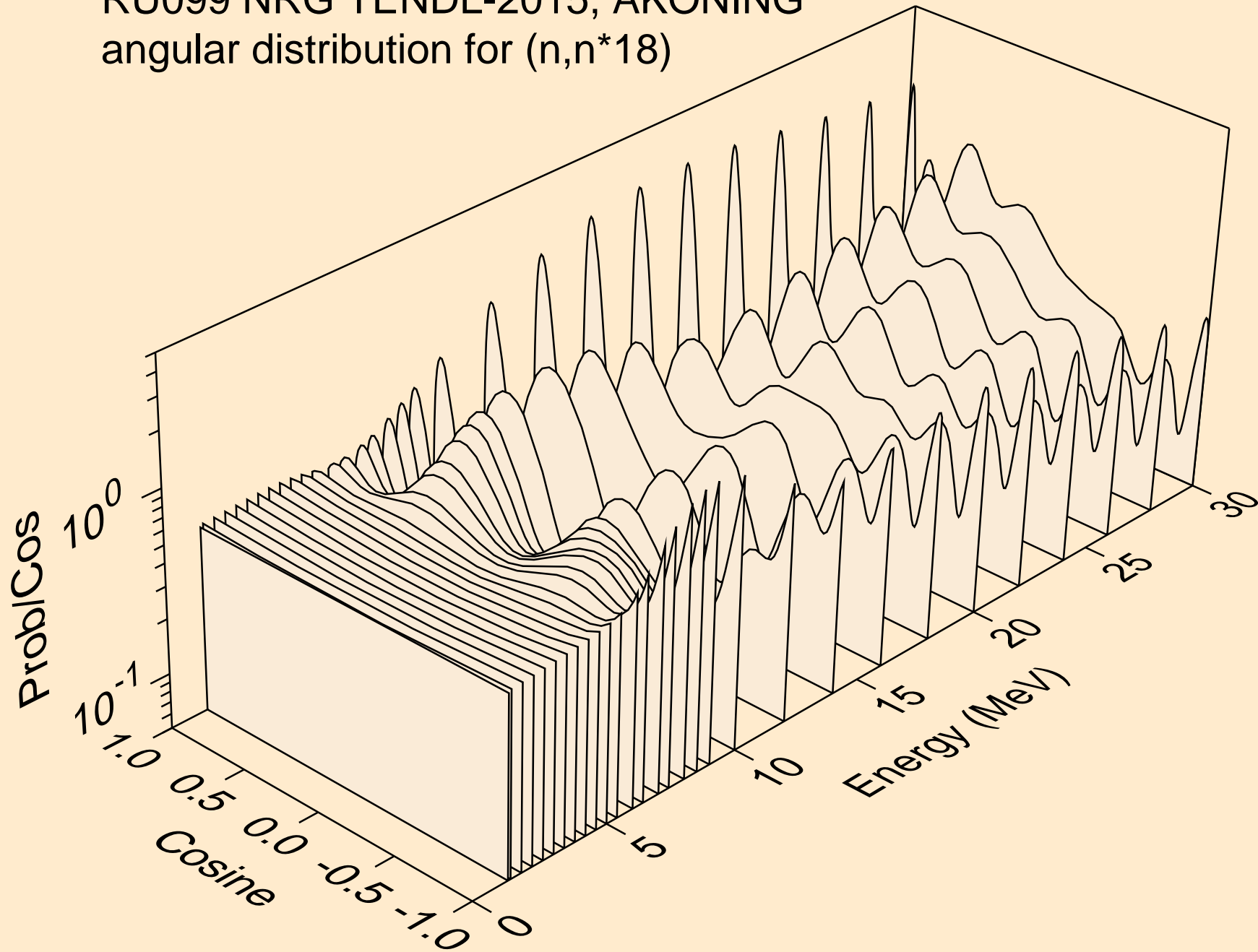
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



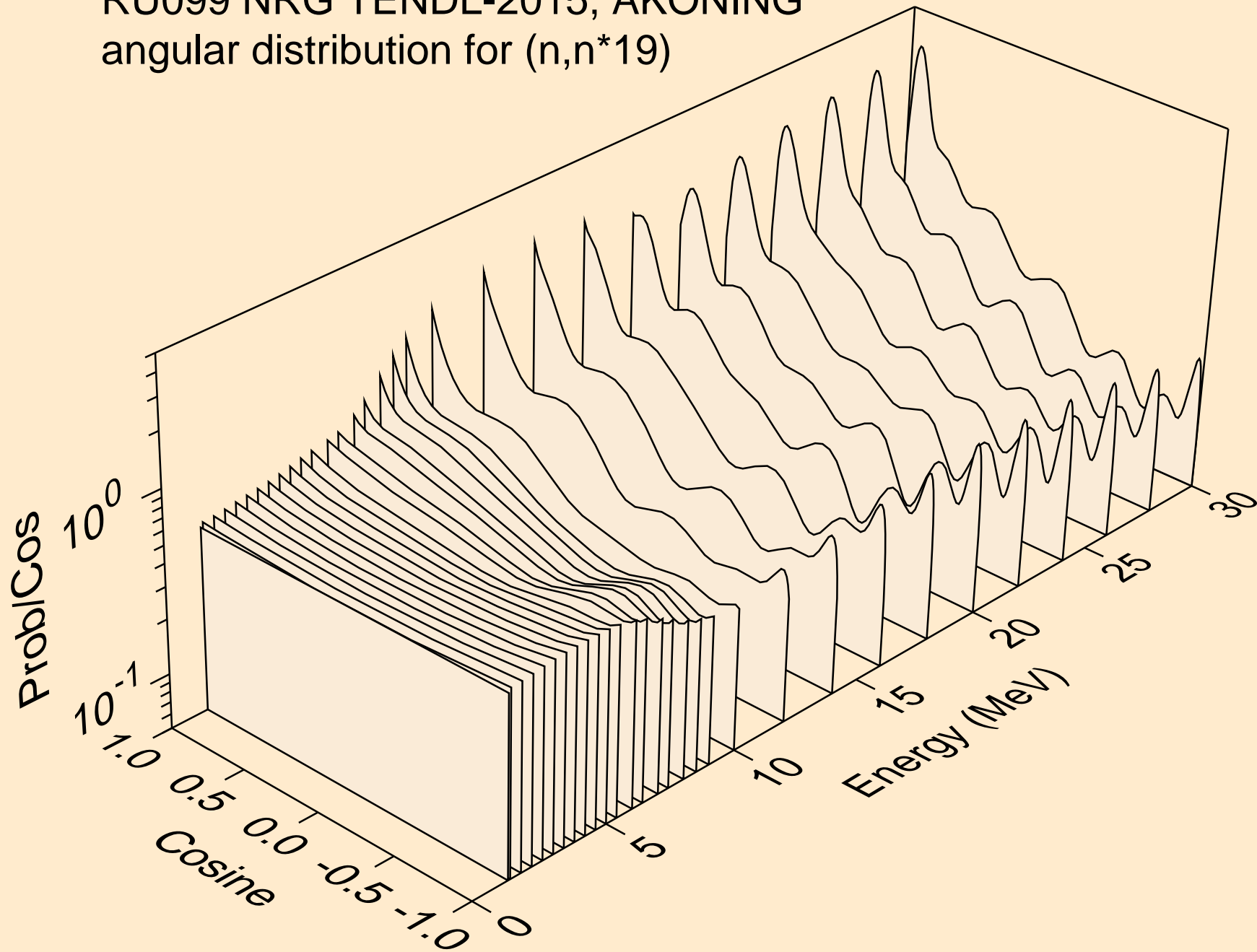
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



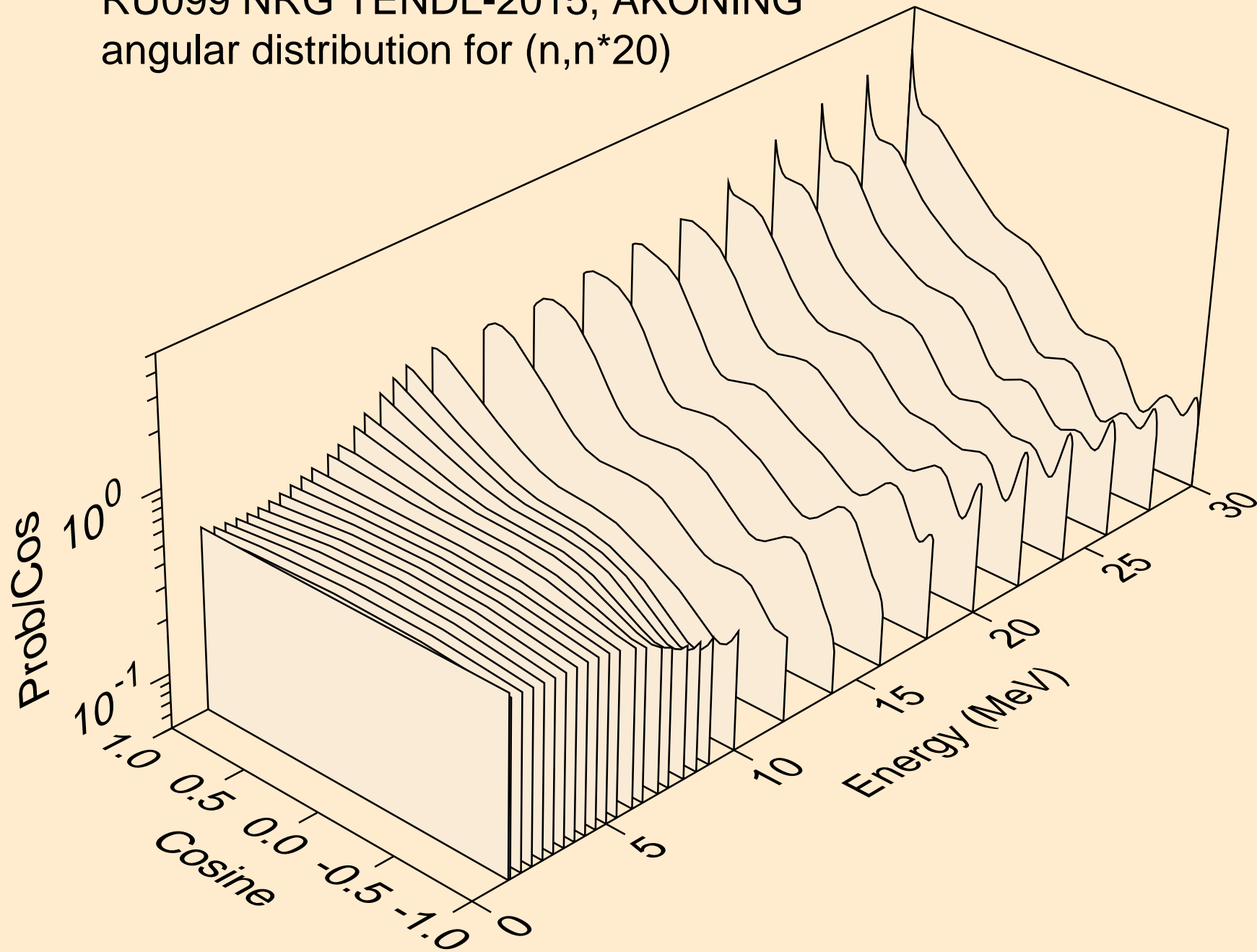
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



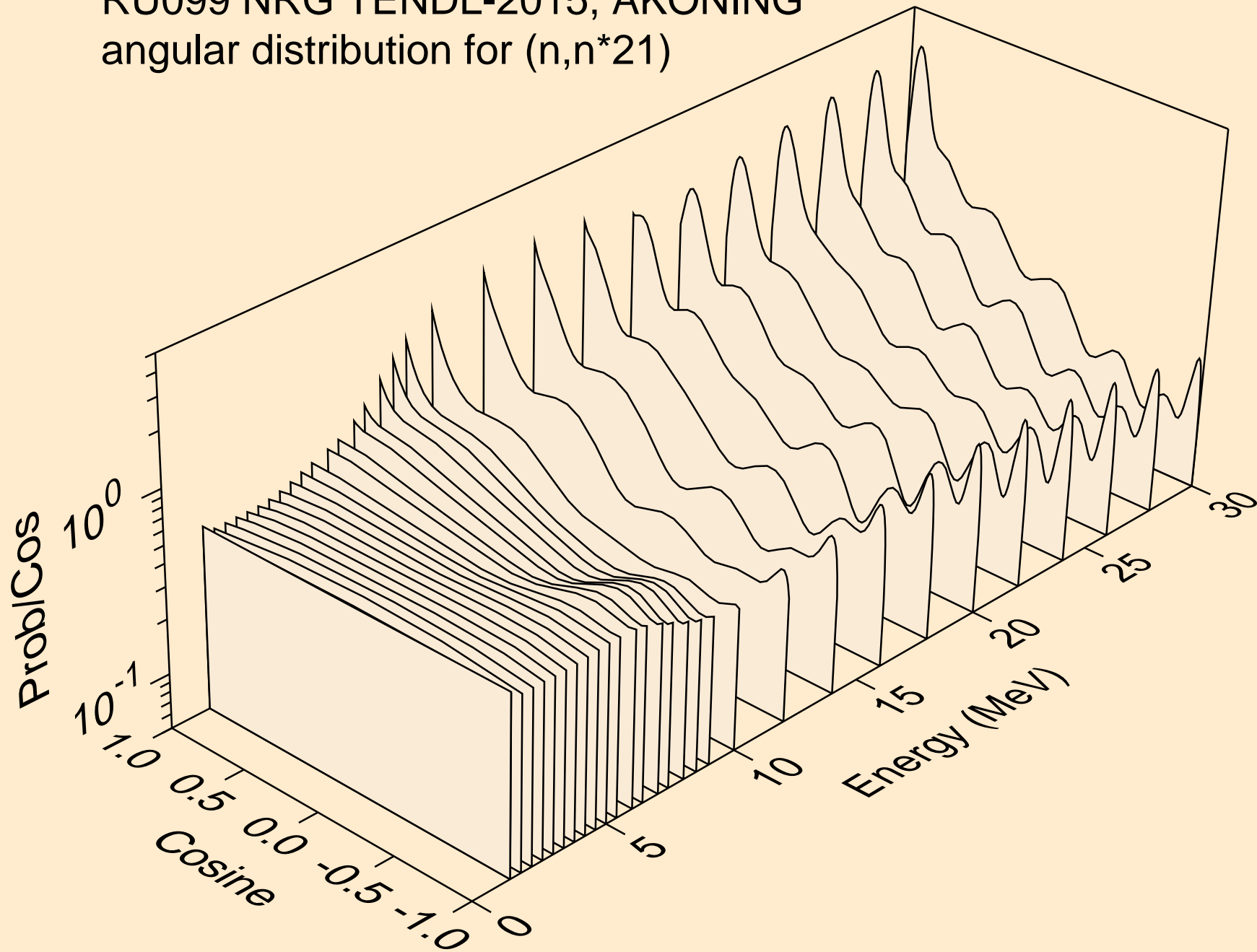
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



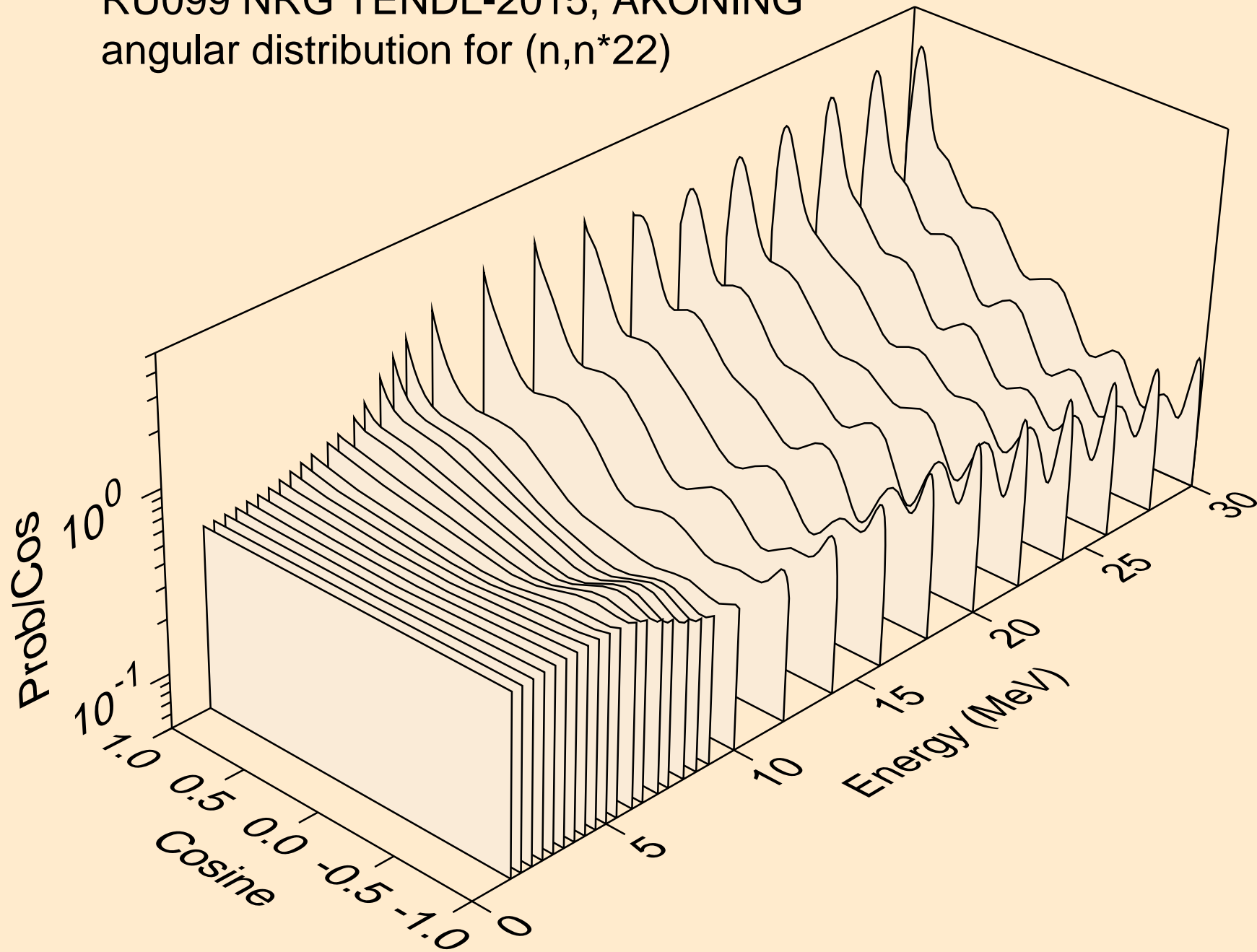
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

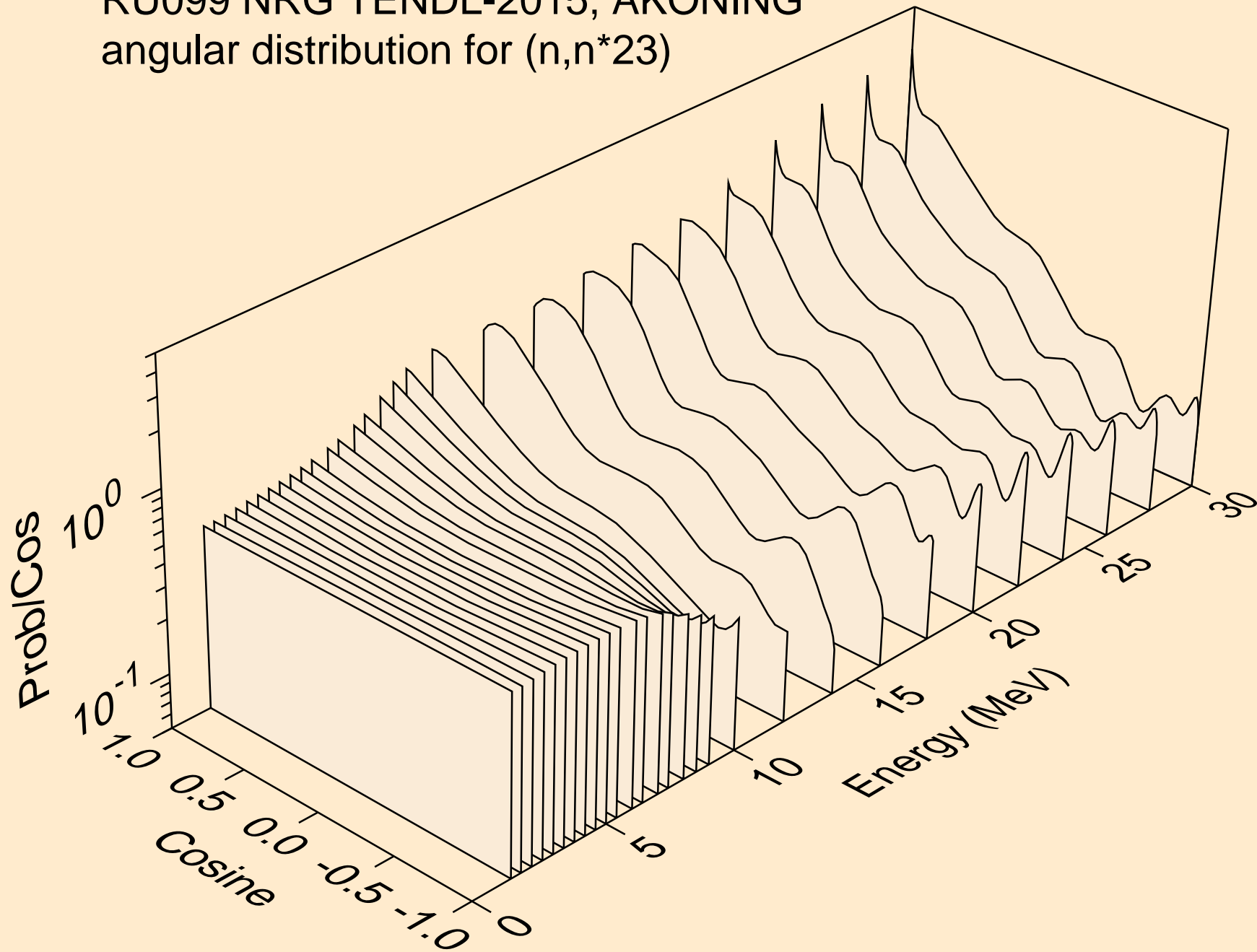


RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

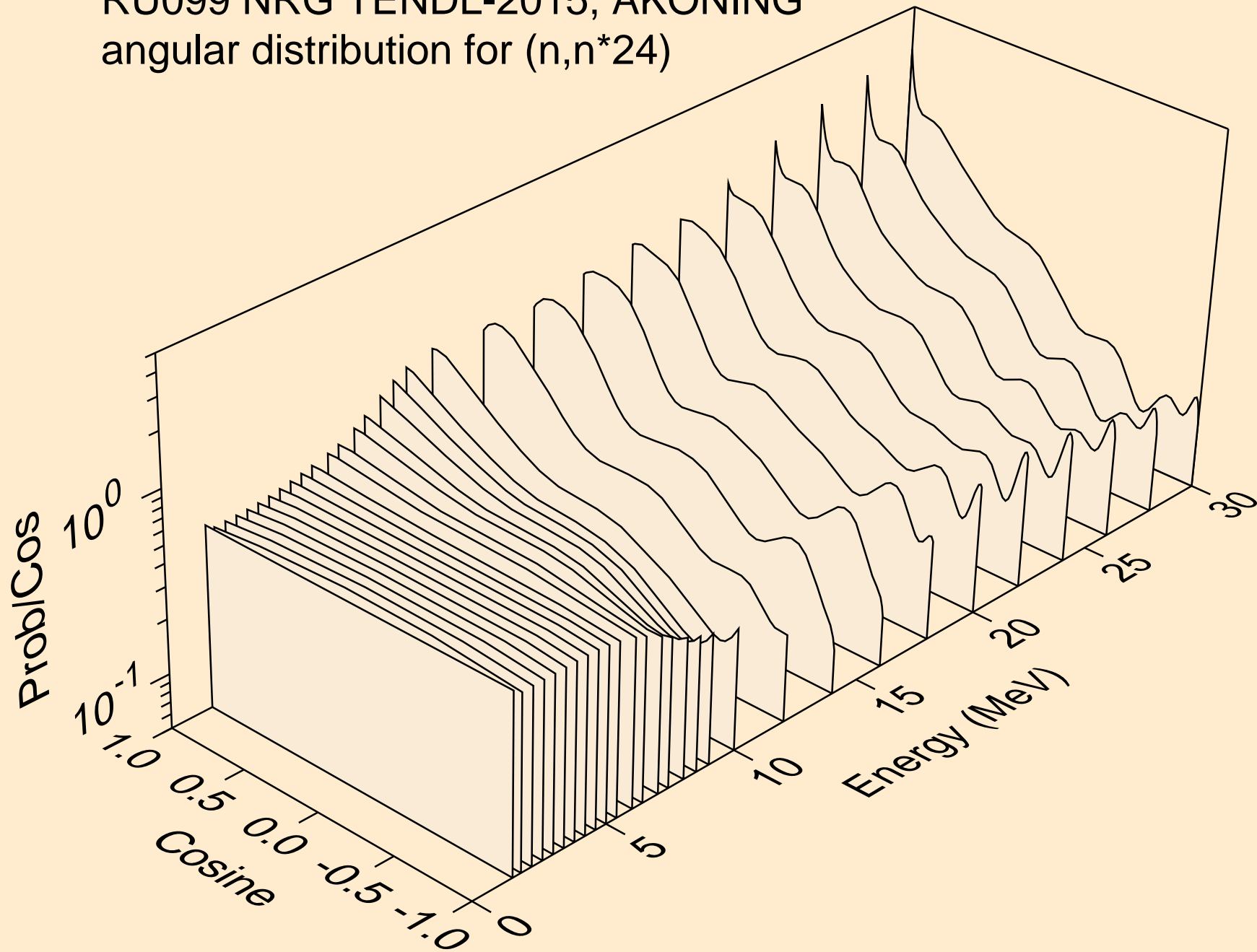




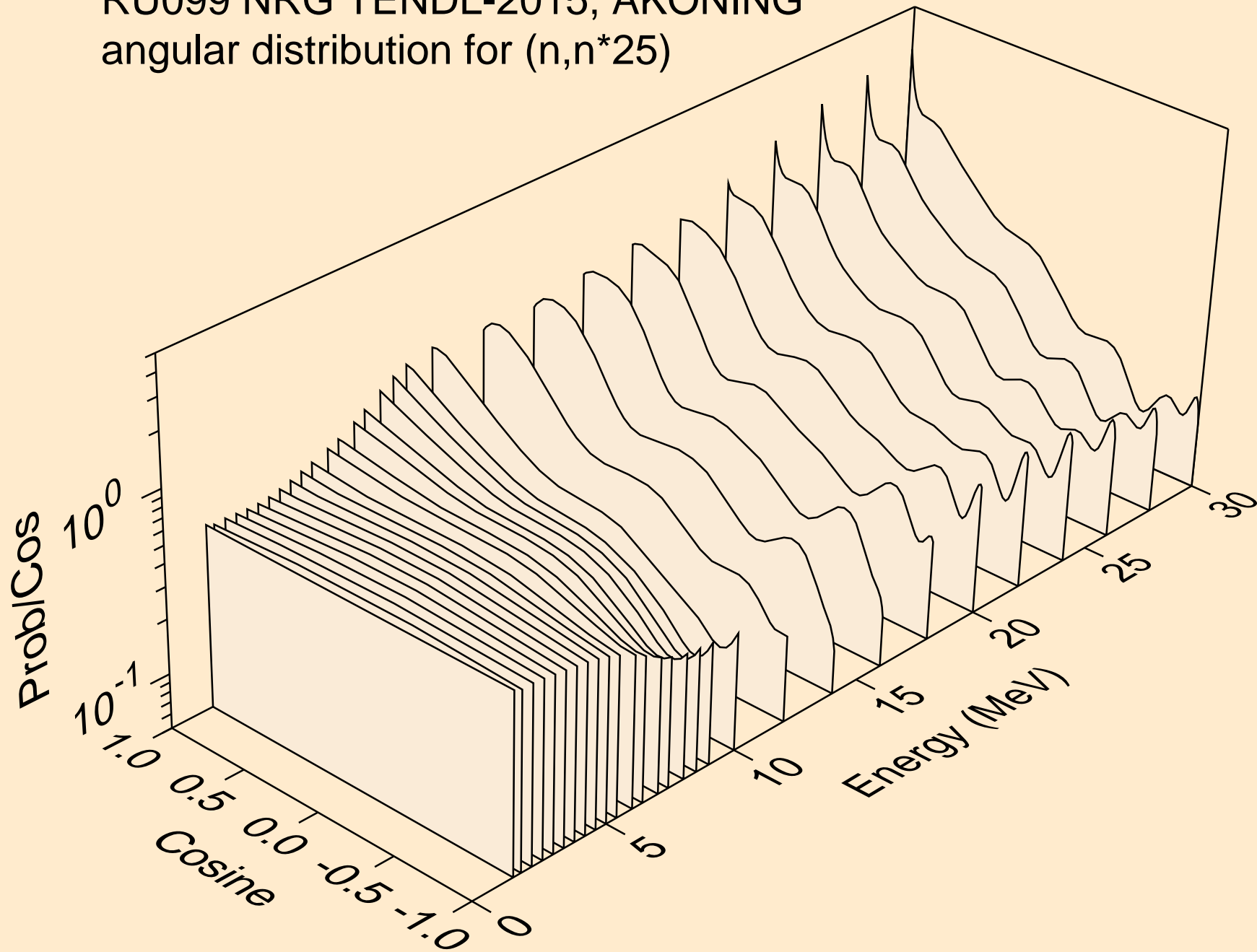
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angular distribution for (n,n\*23)



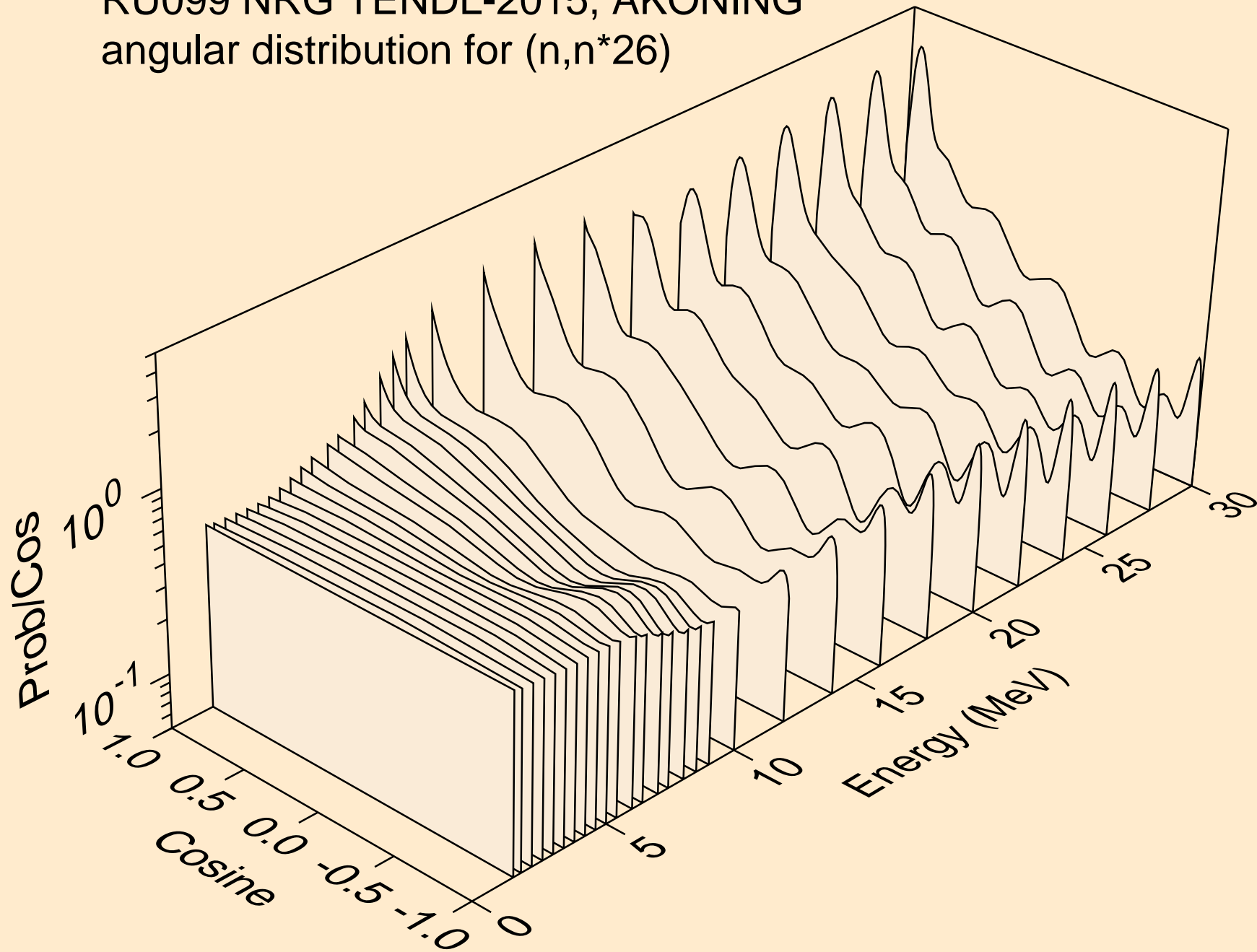
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



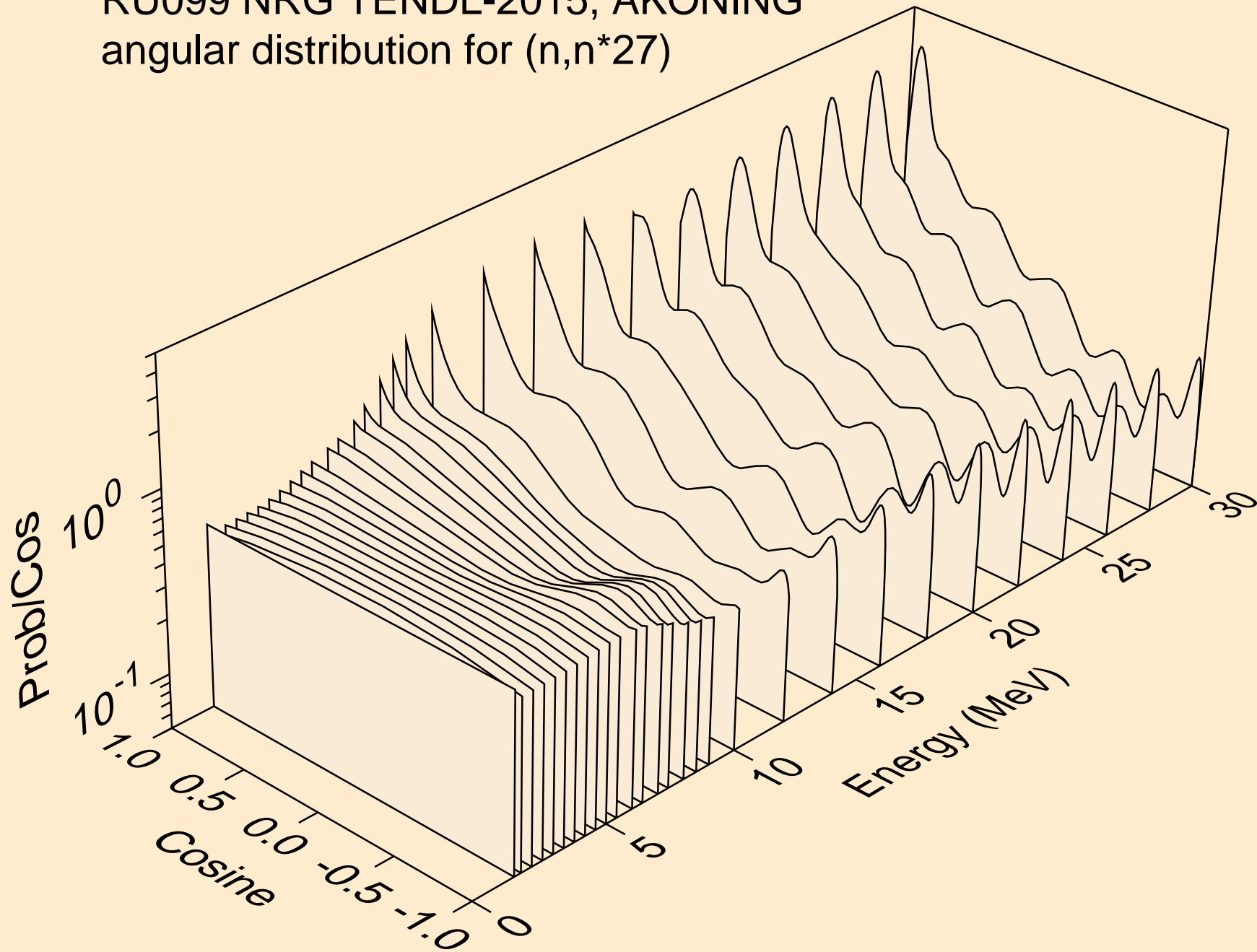
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angular distribution for (n,n\*25)



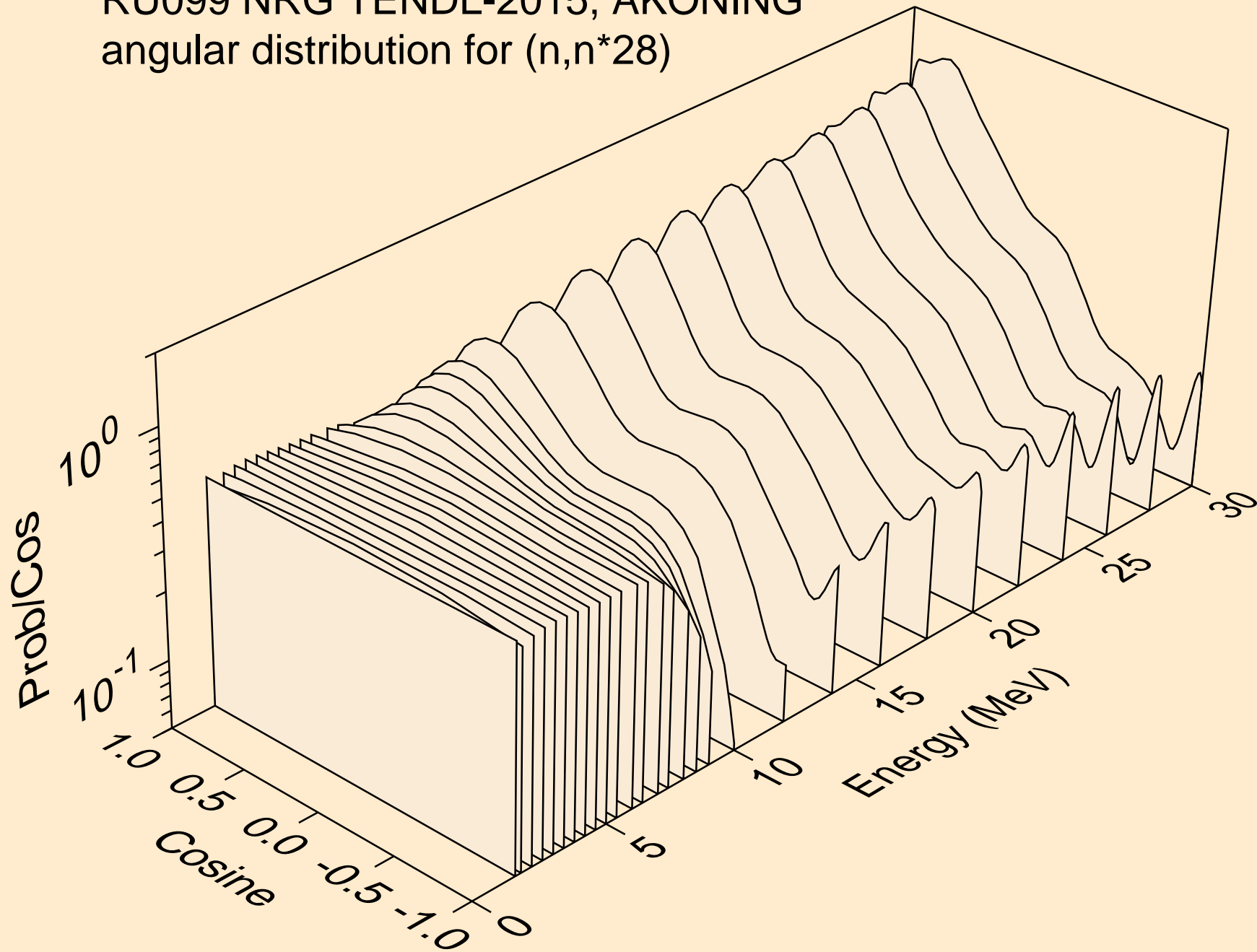
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



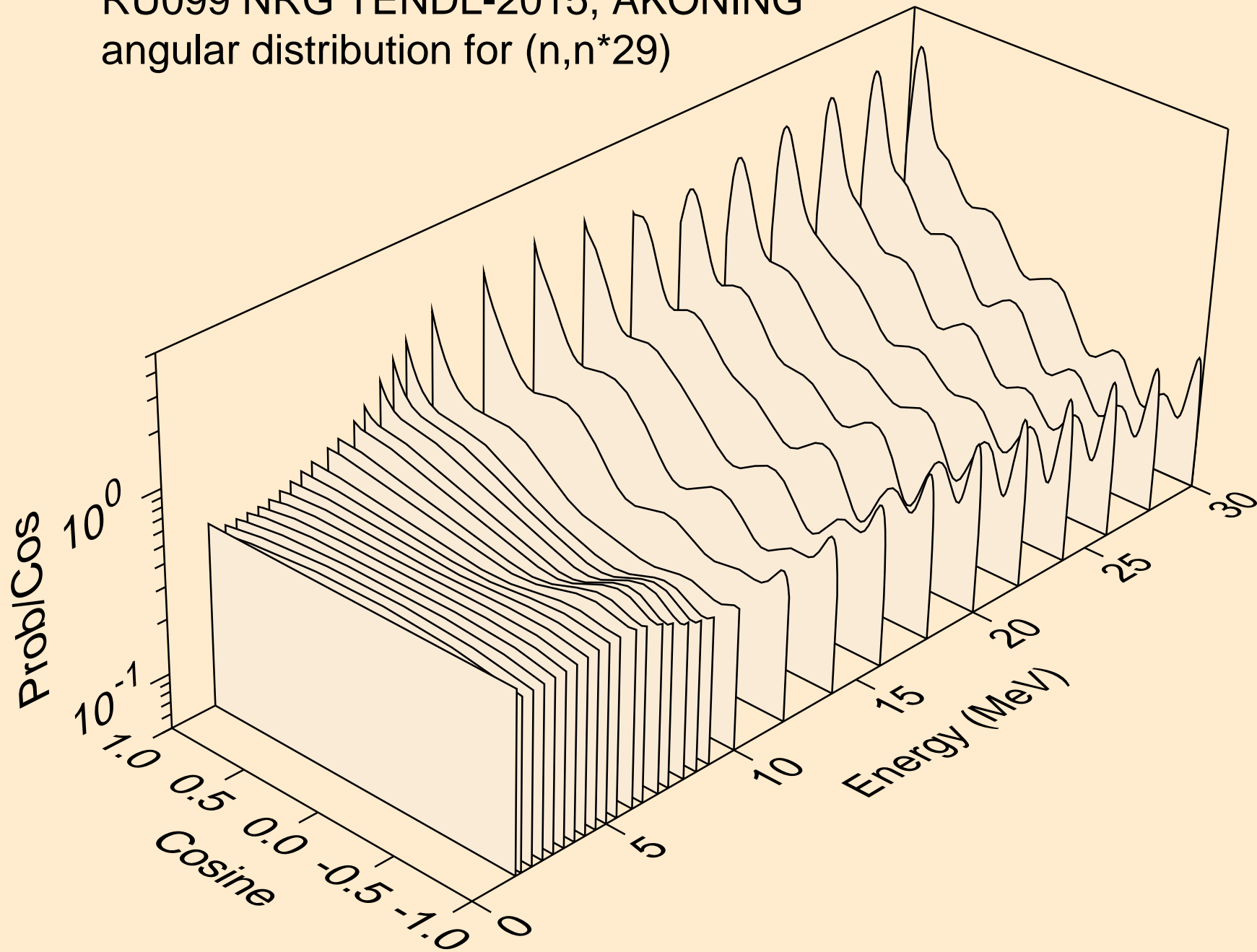
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



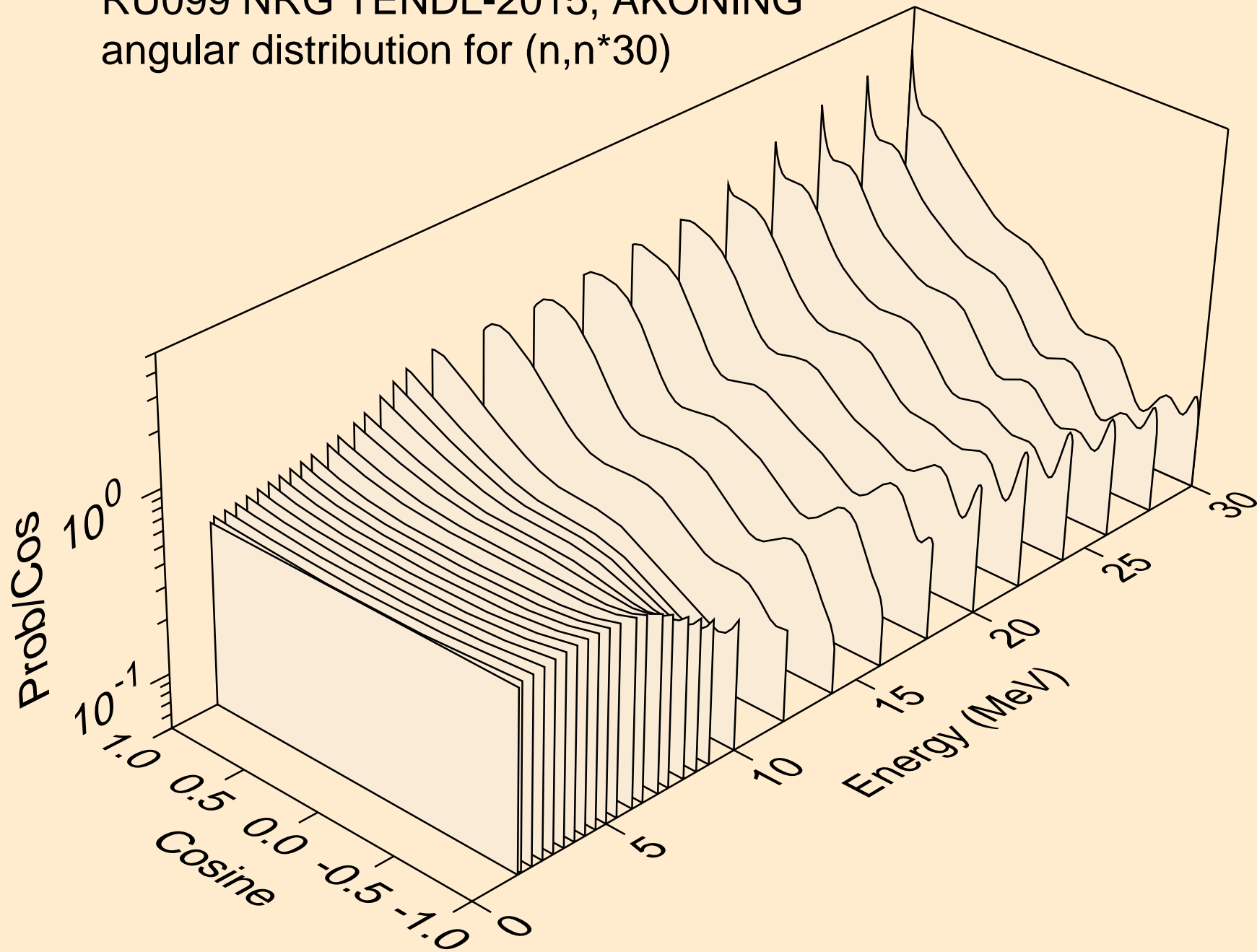
RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

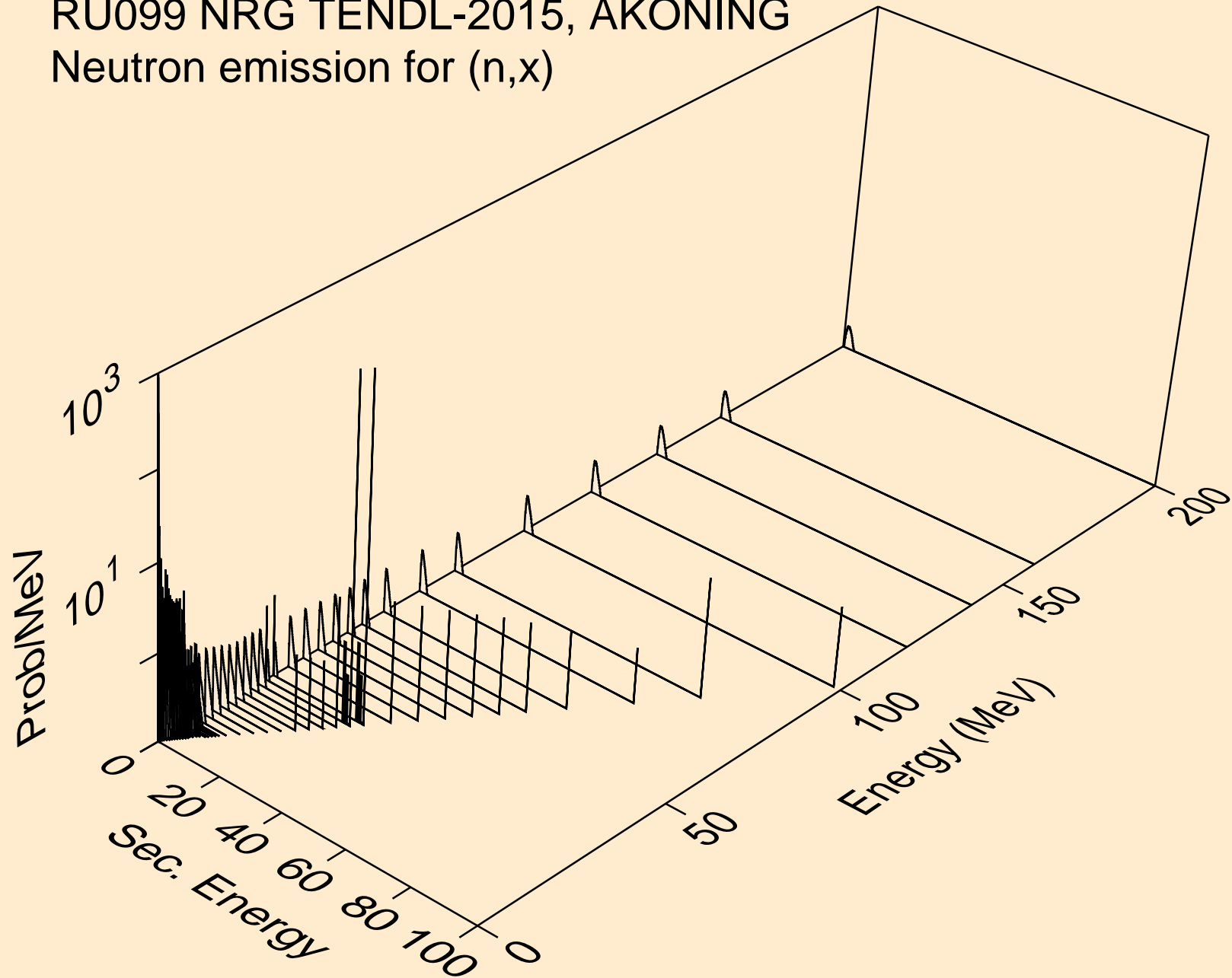


RU099 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

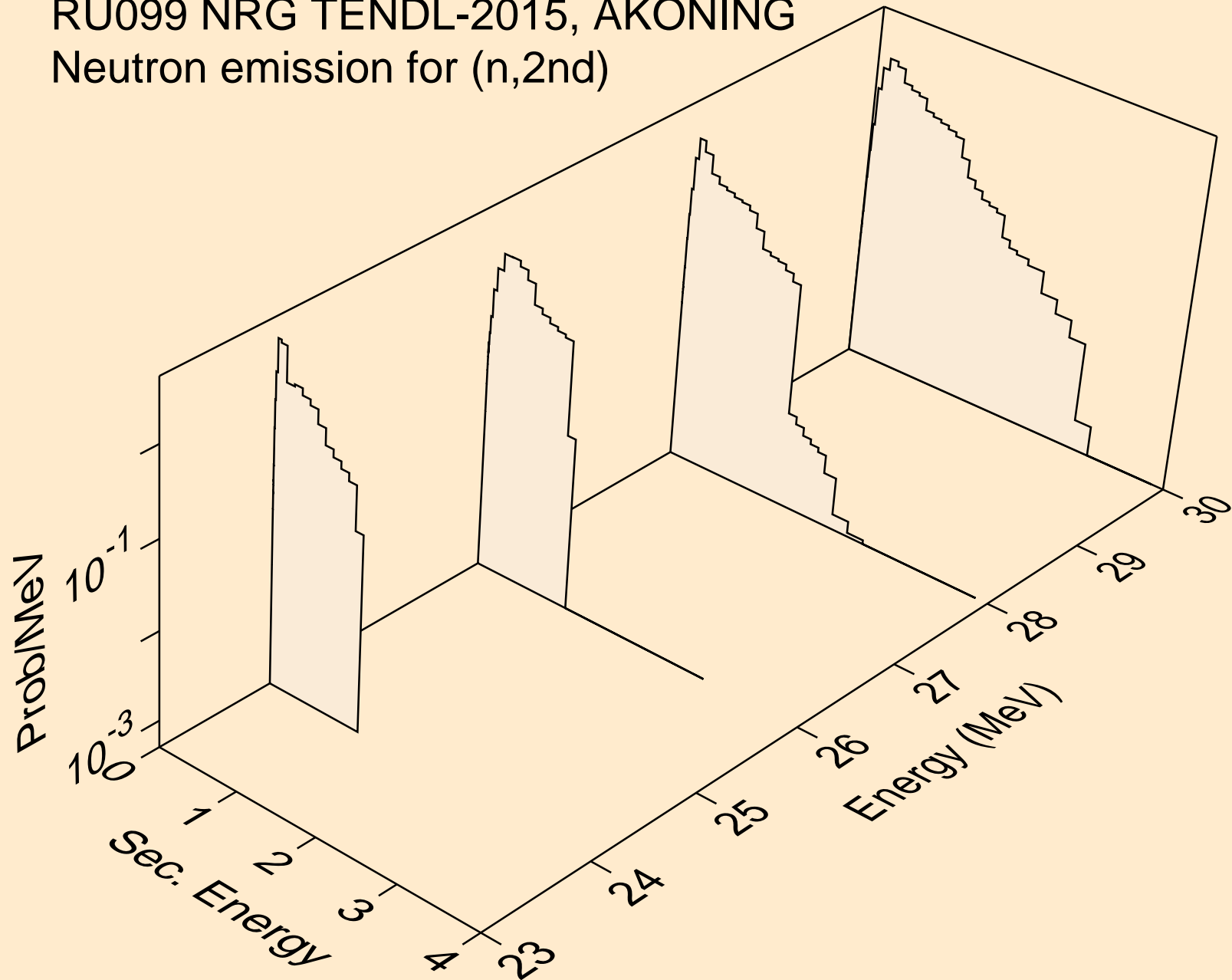




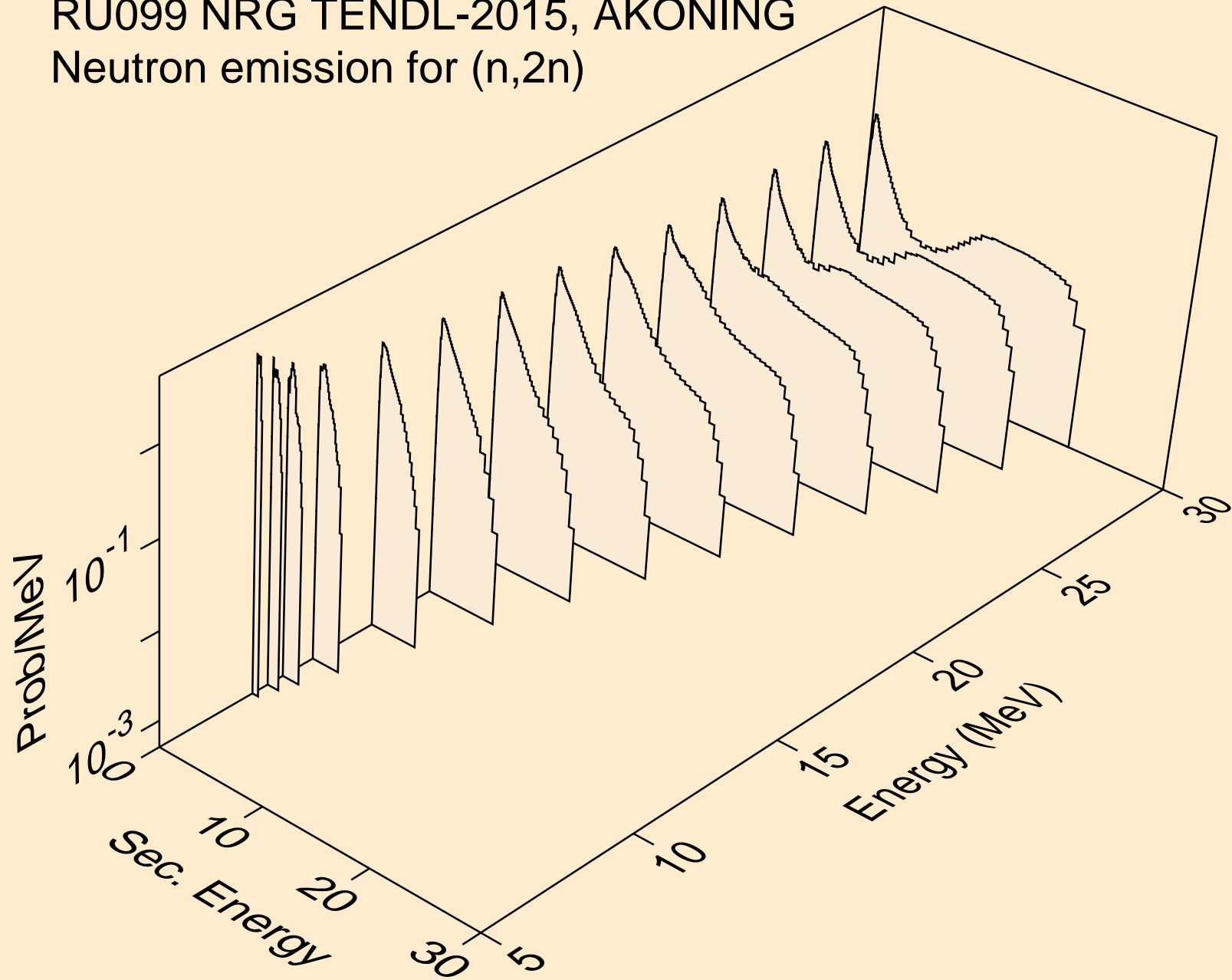
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



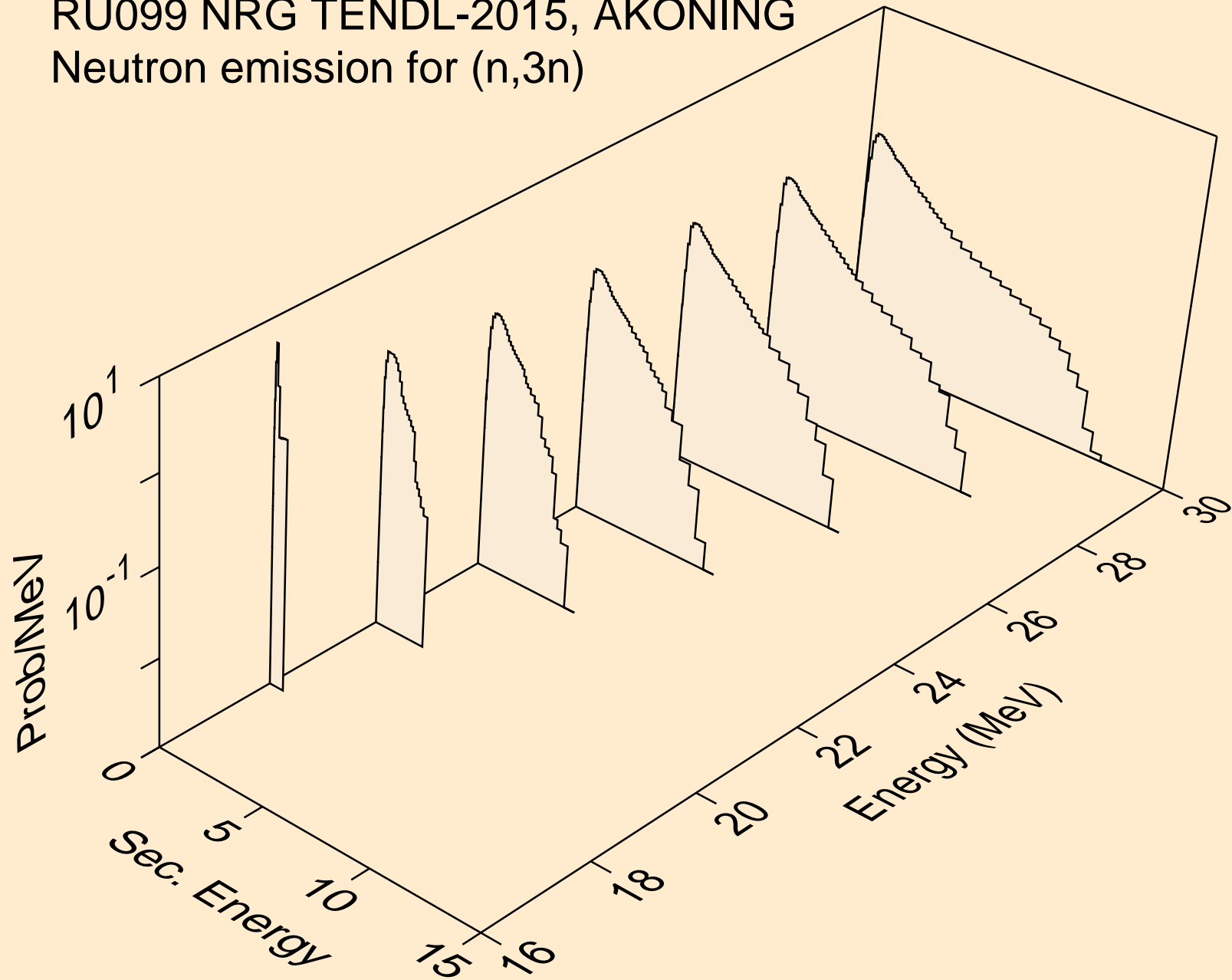
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



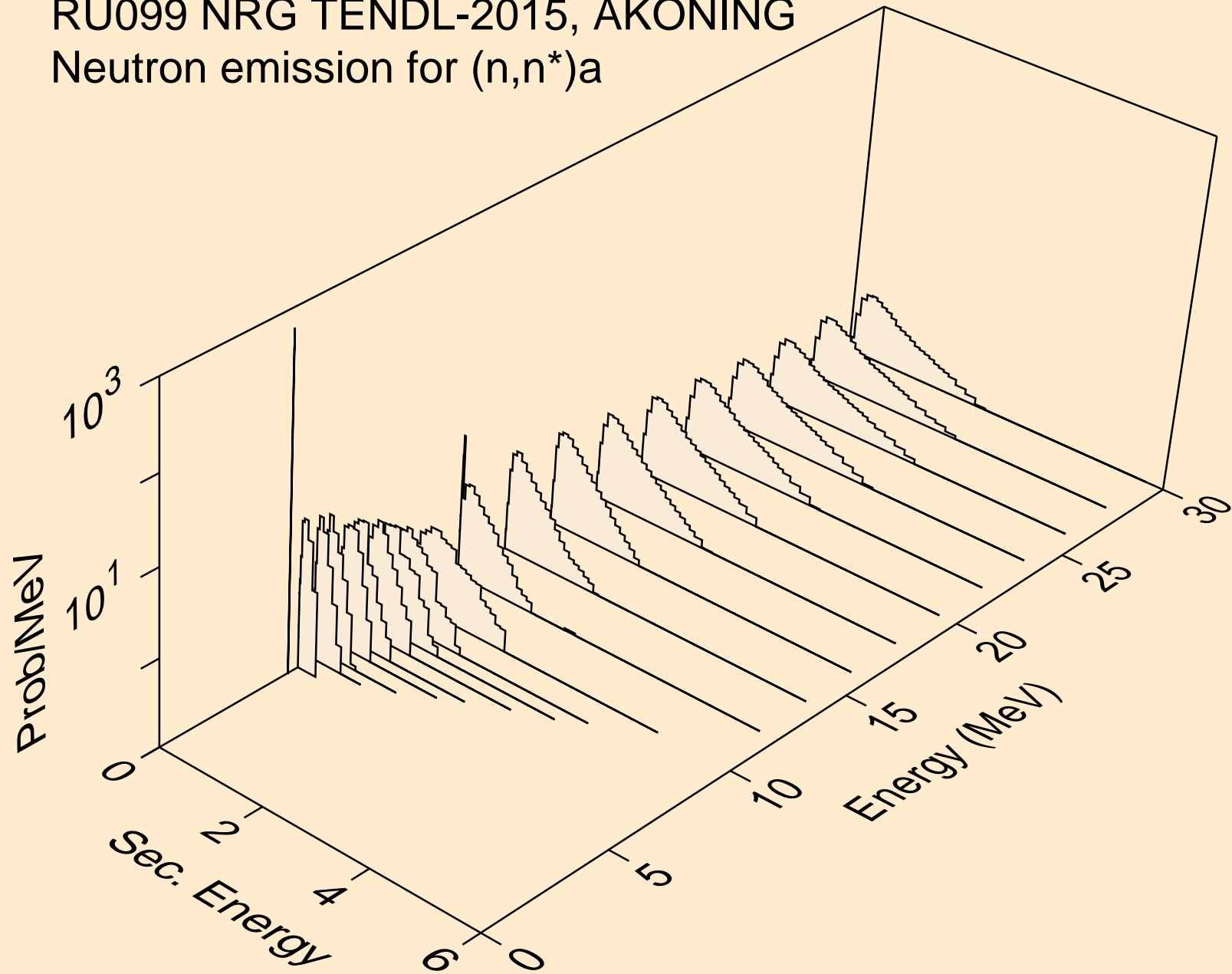
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



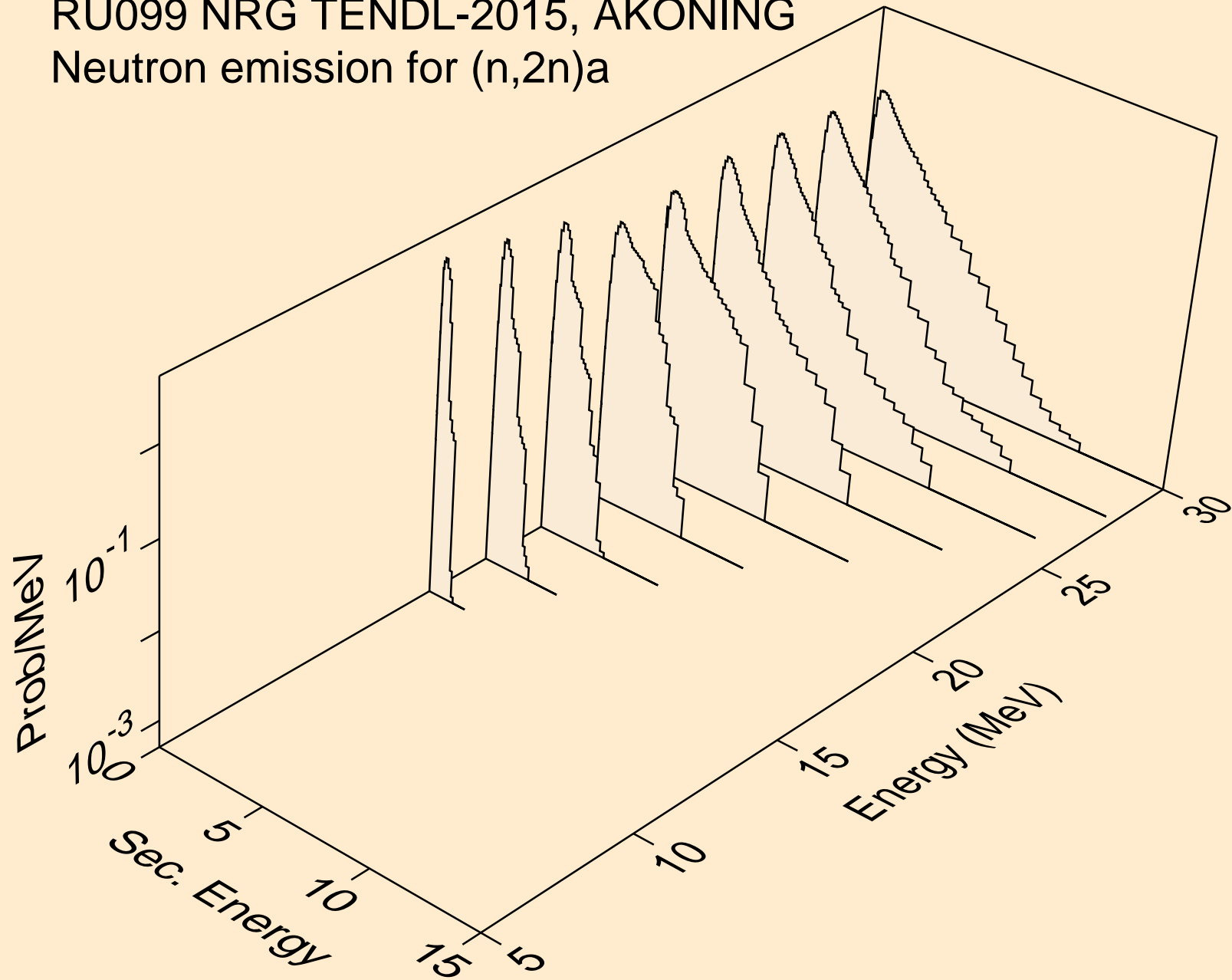
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



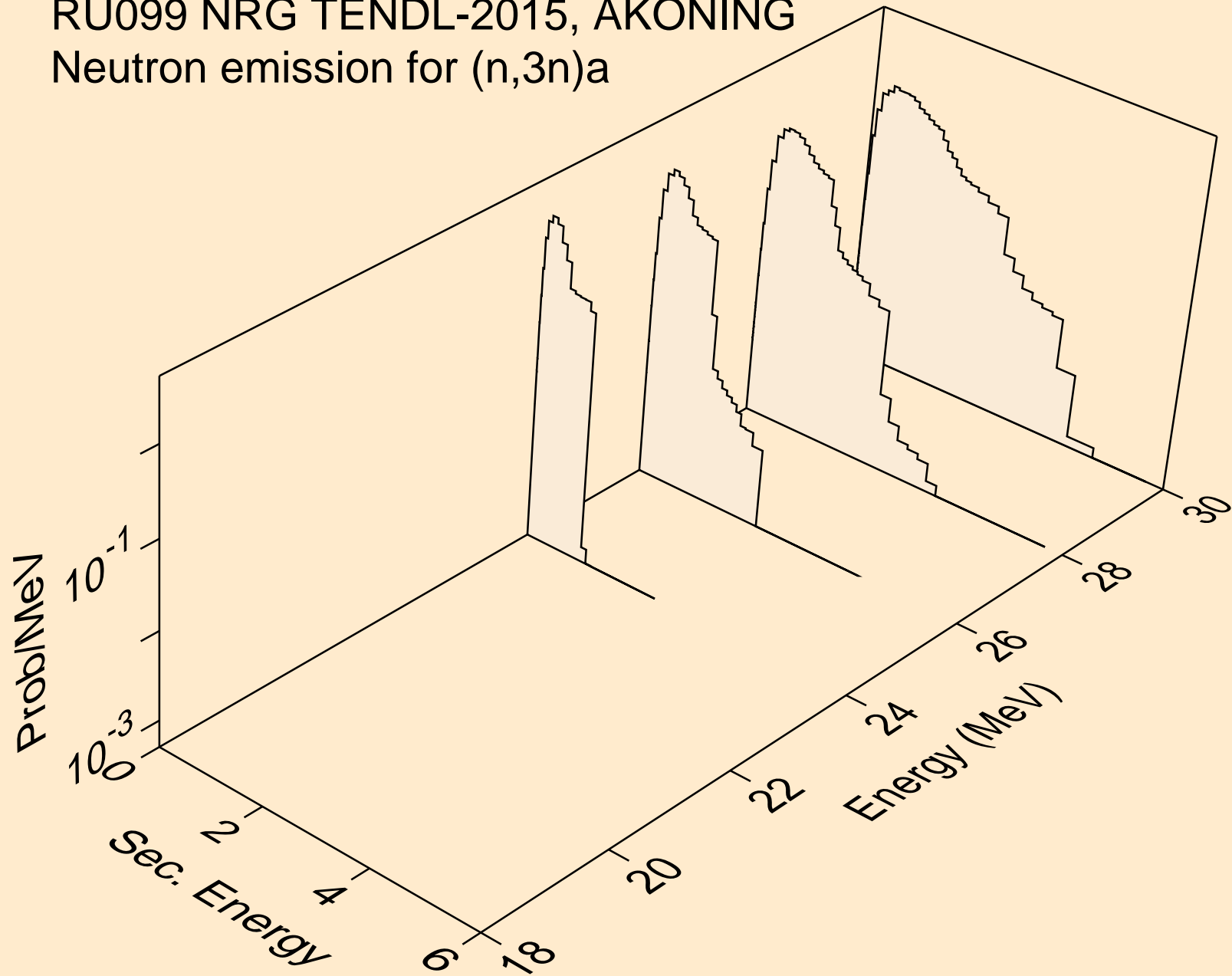
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



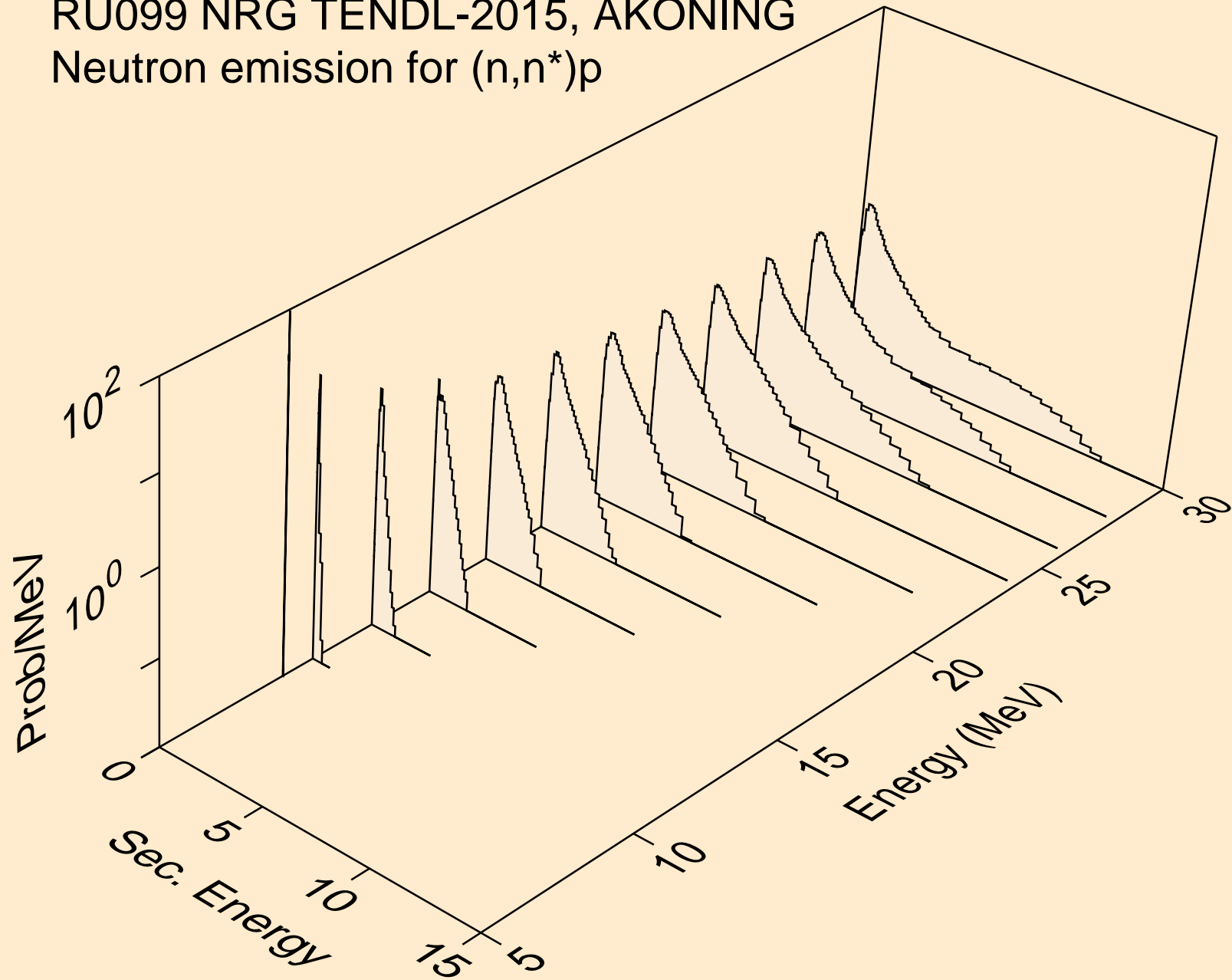
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

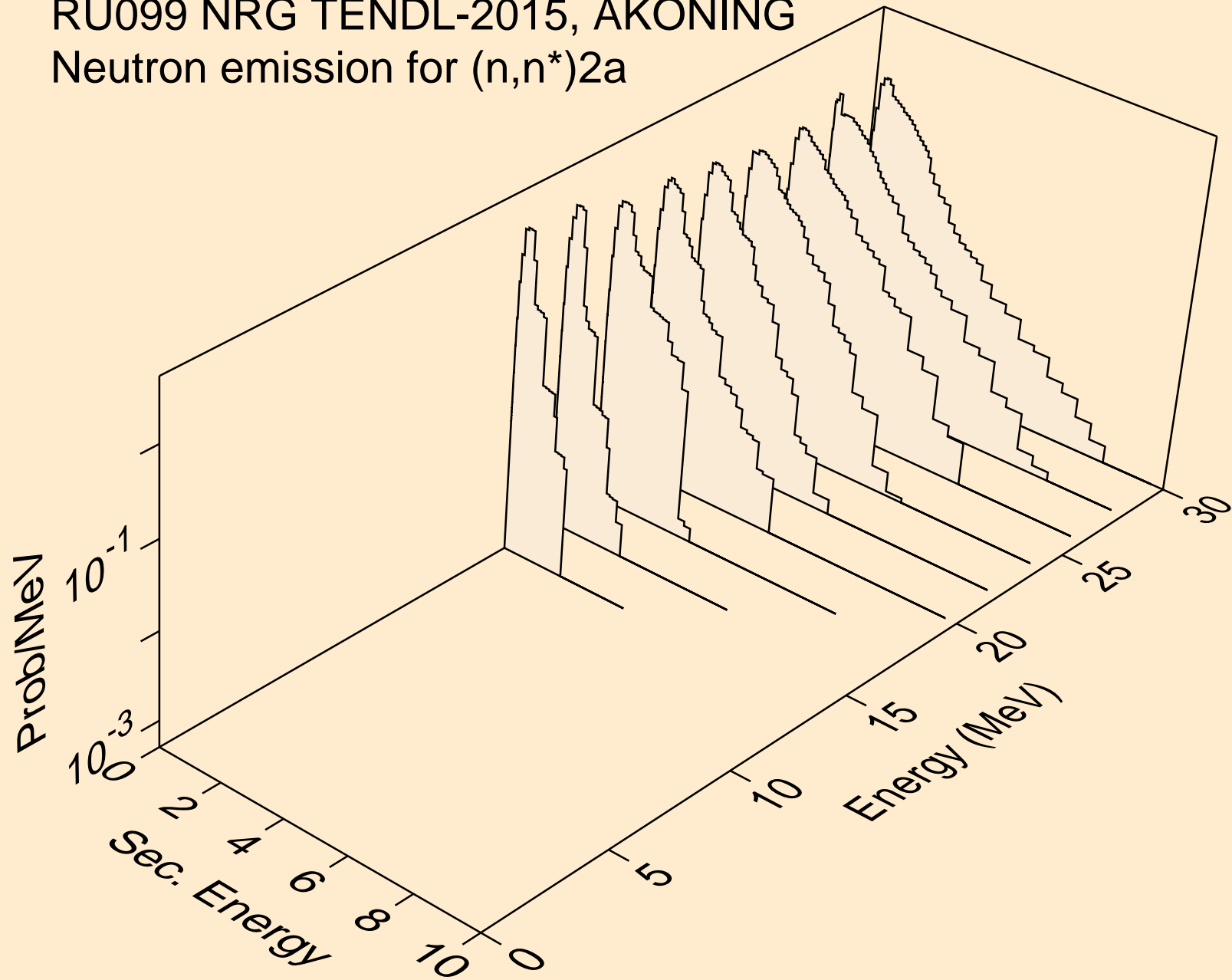


RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

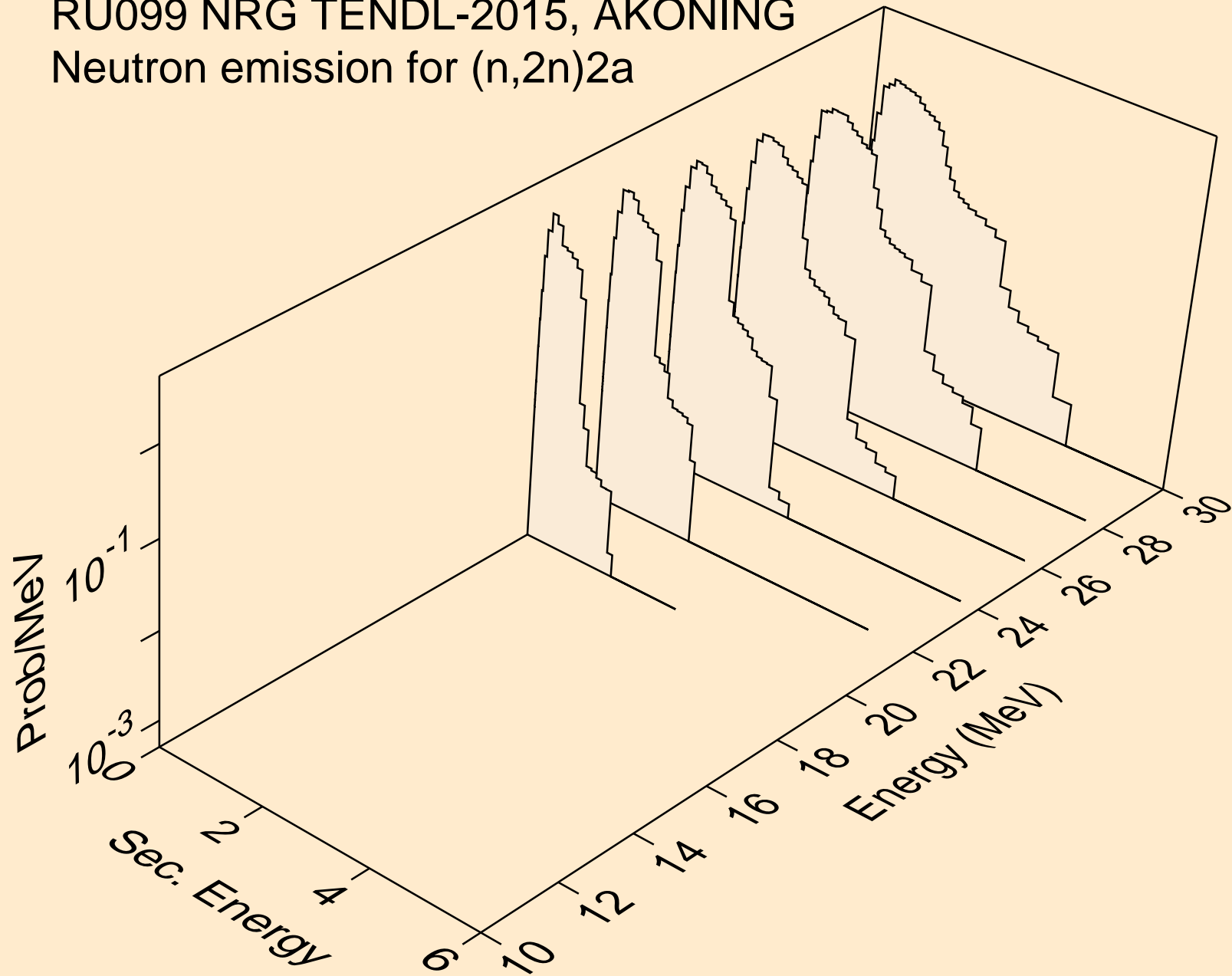




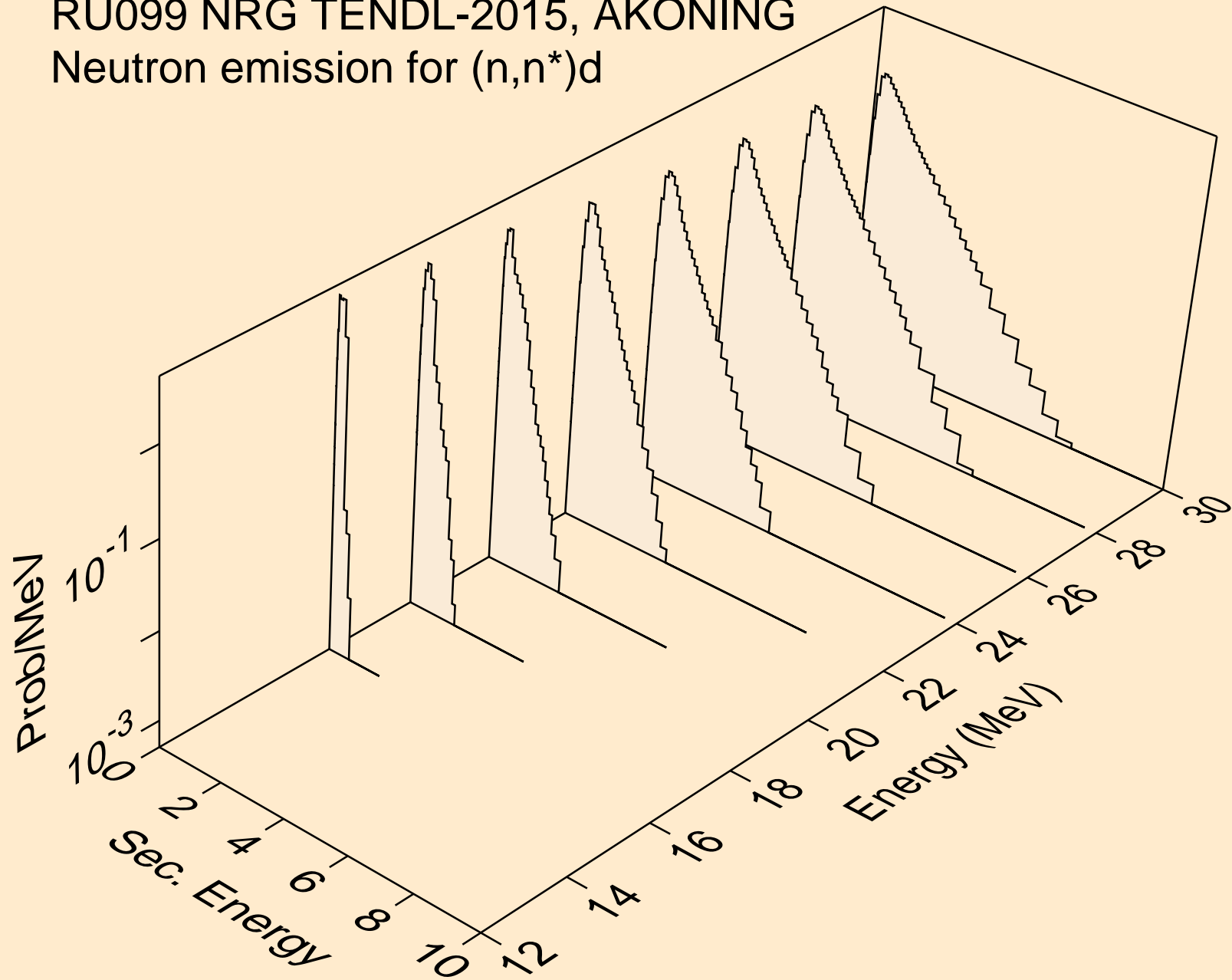
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



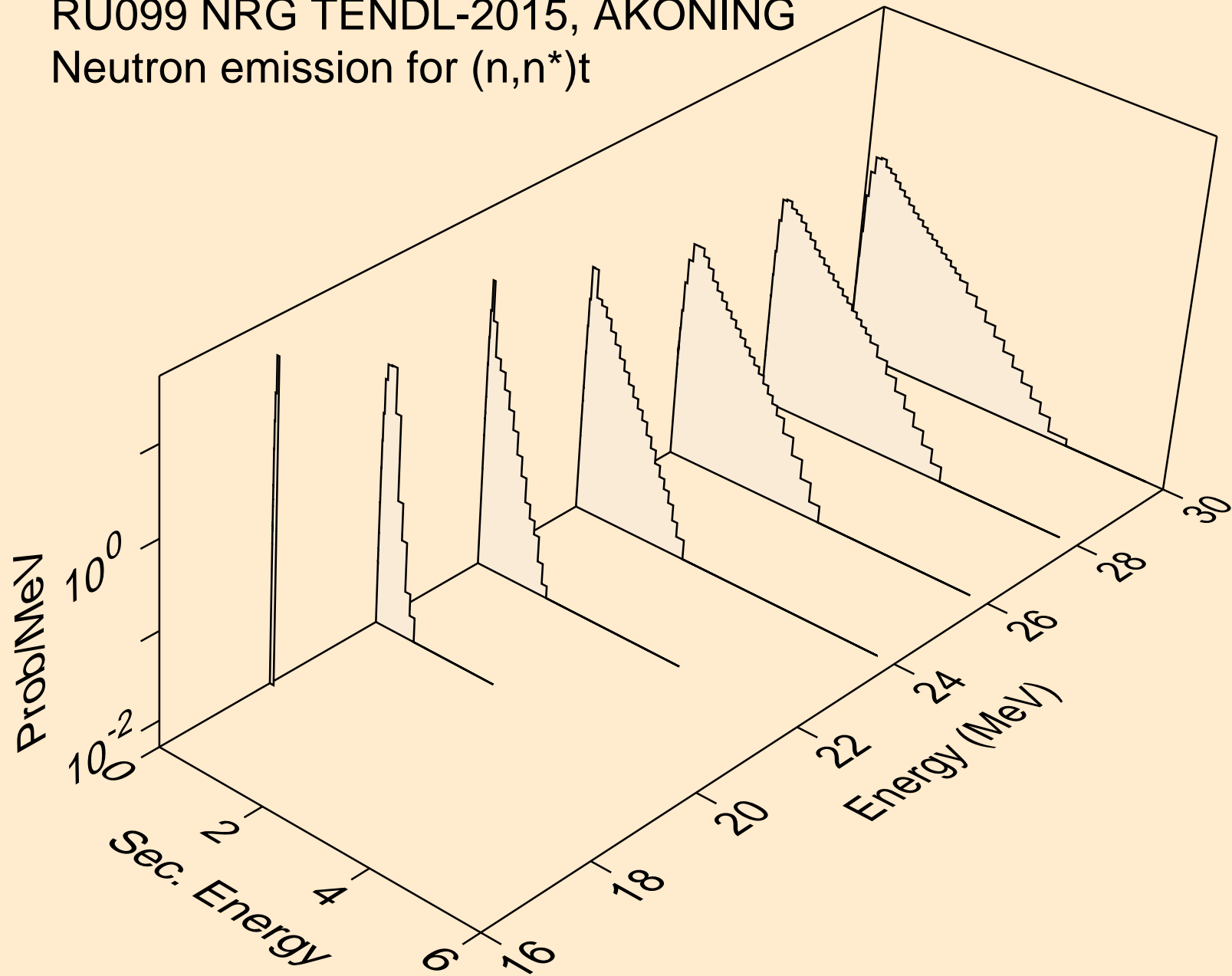
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



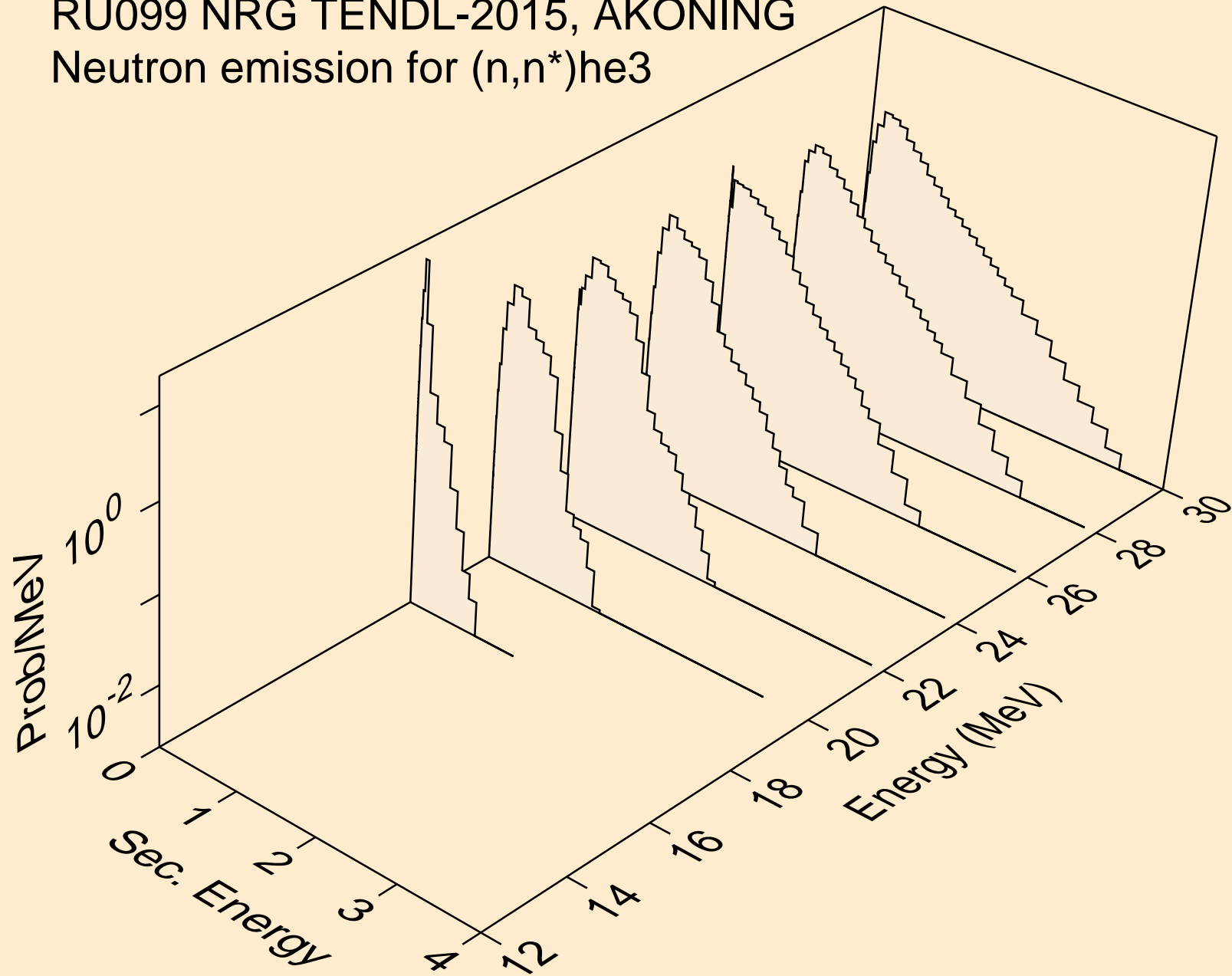
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



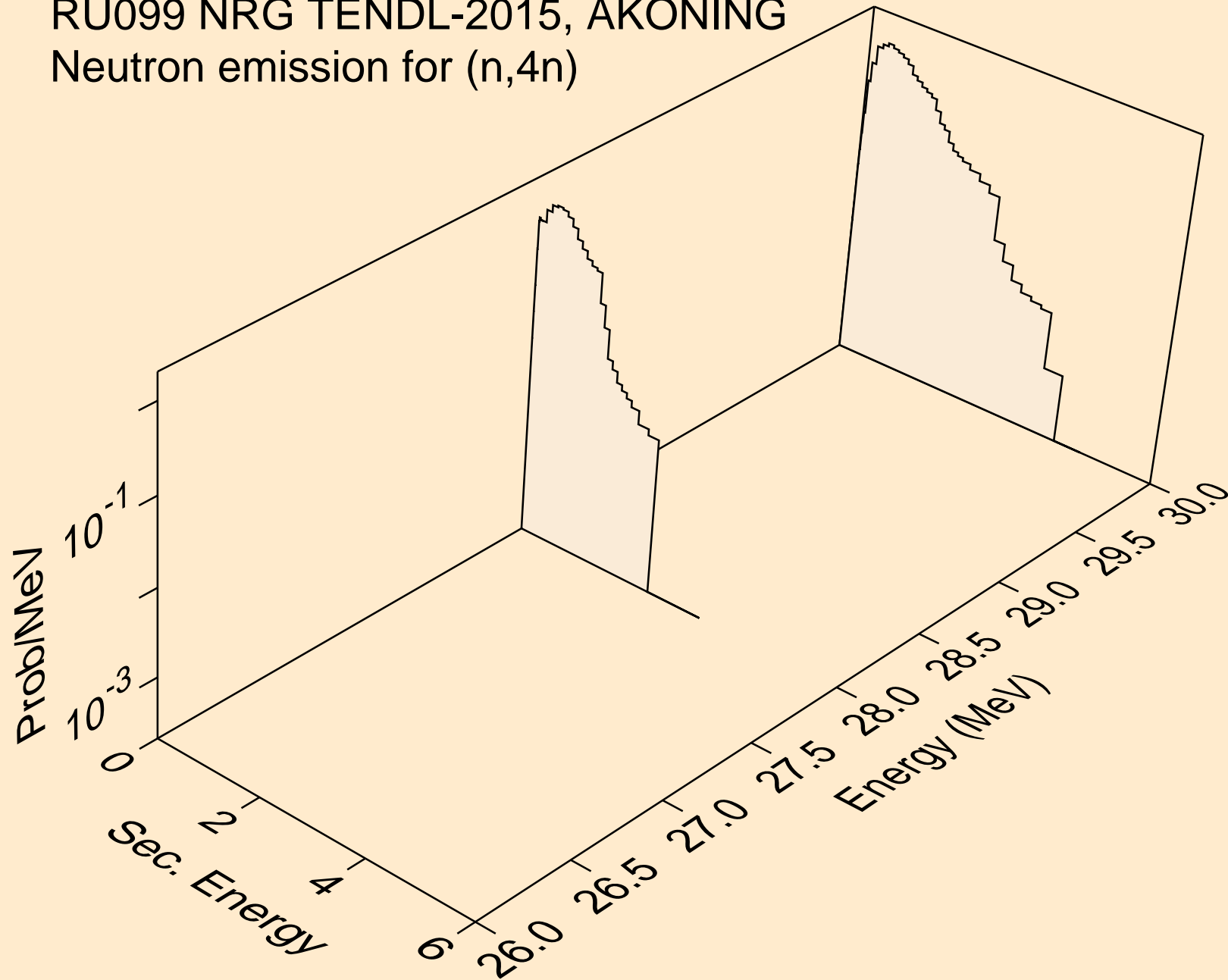
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



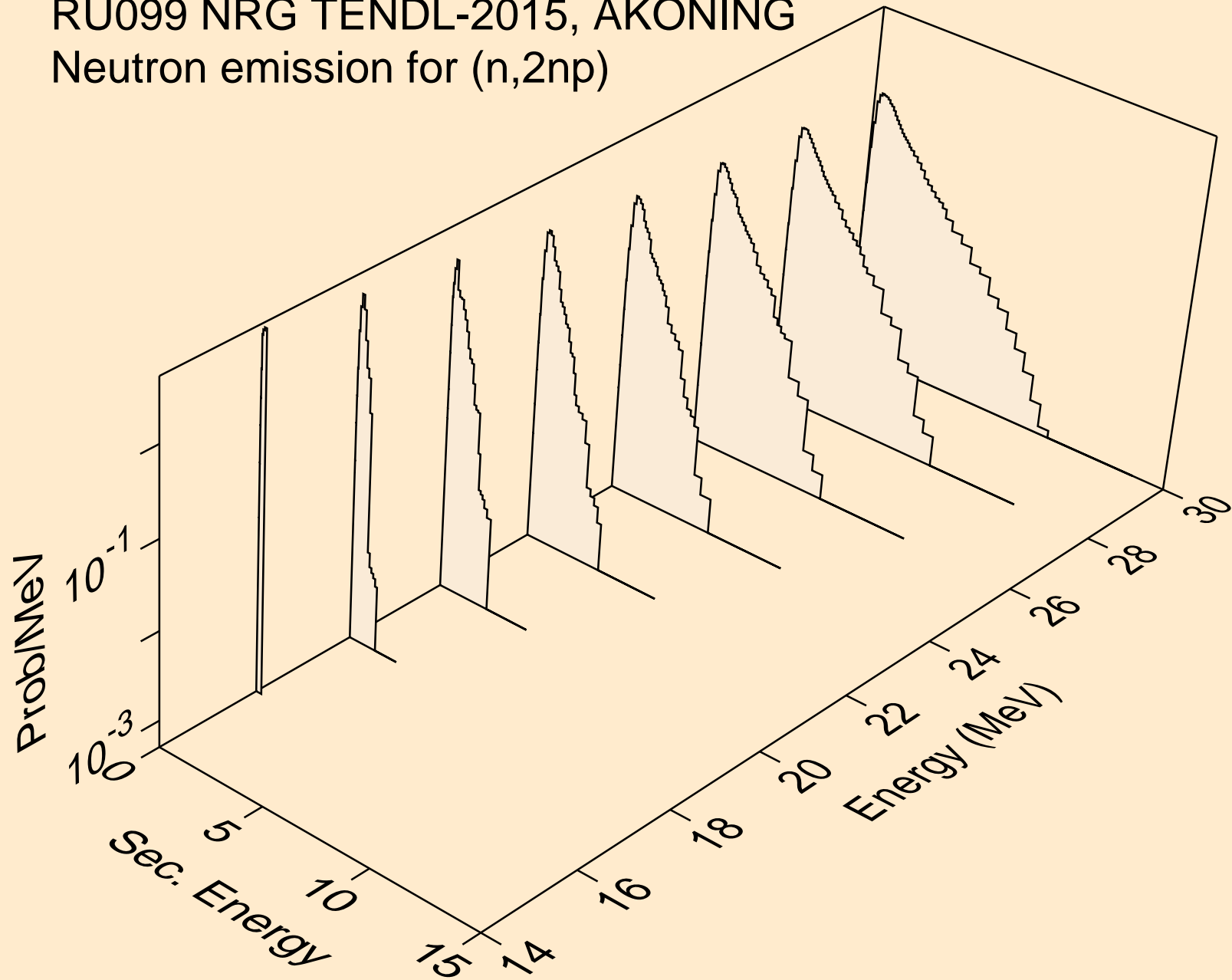
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



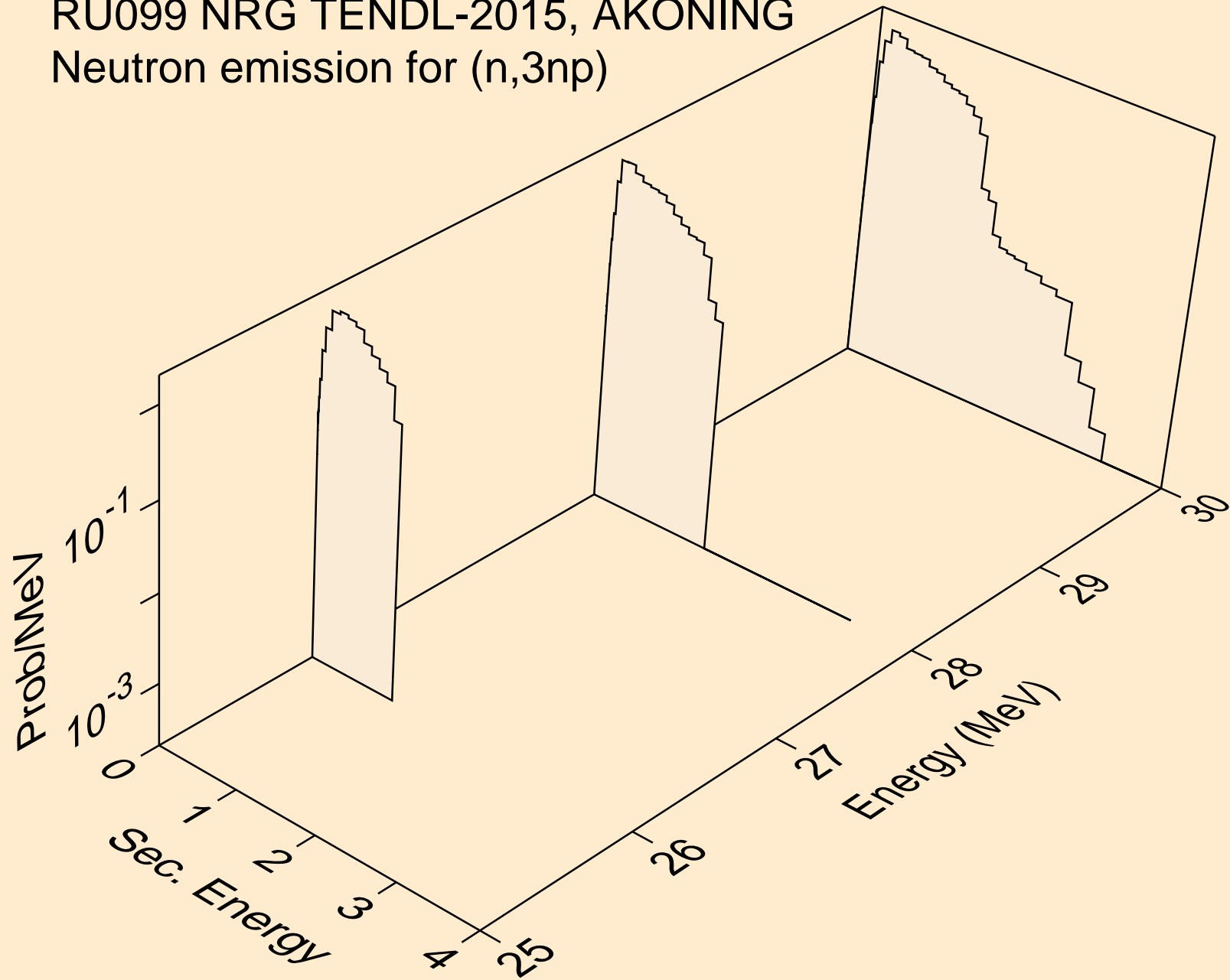
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

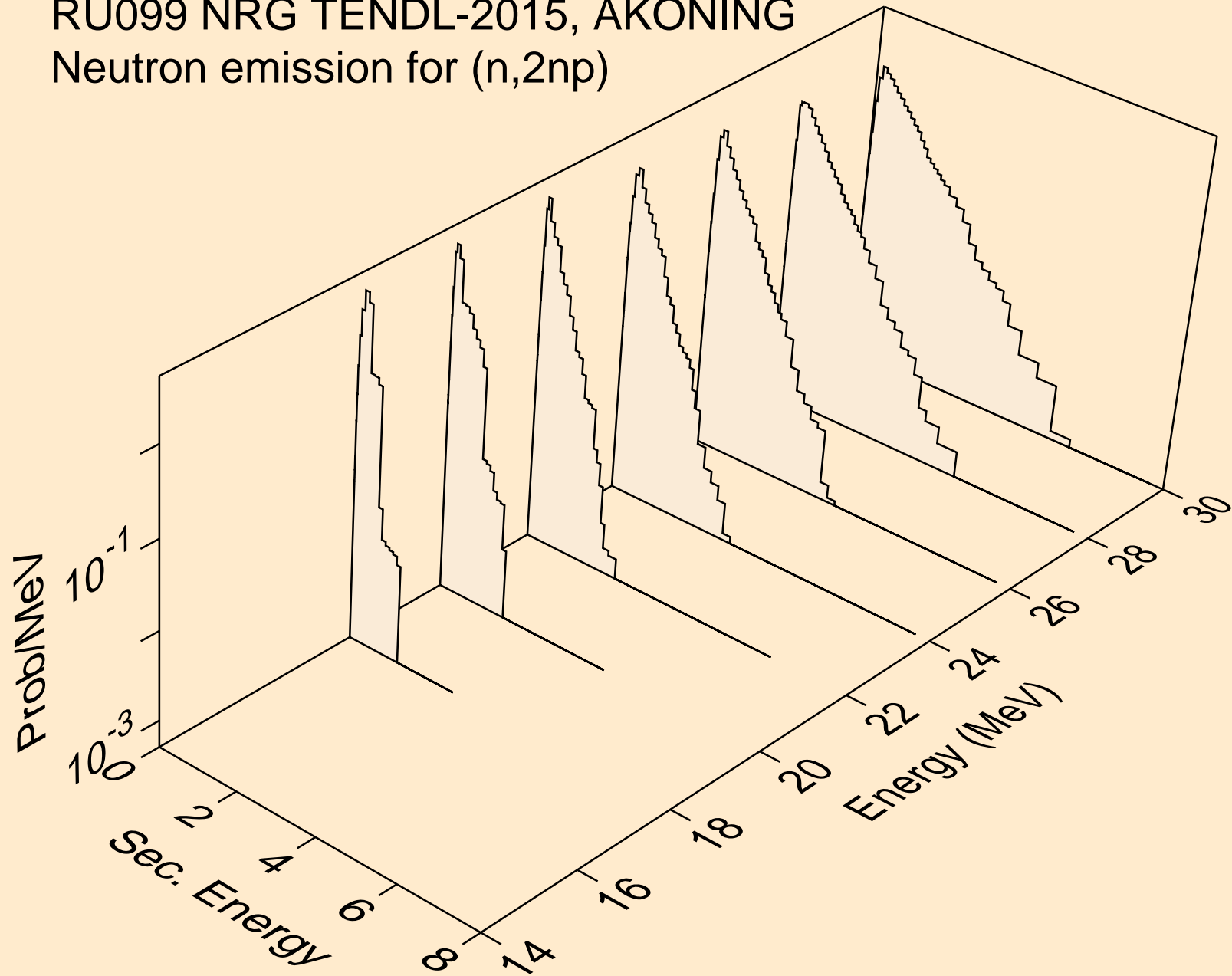


RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

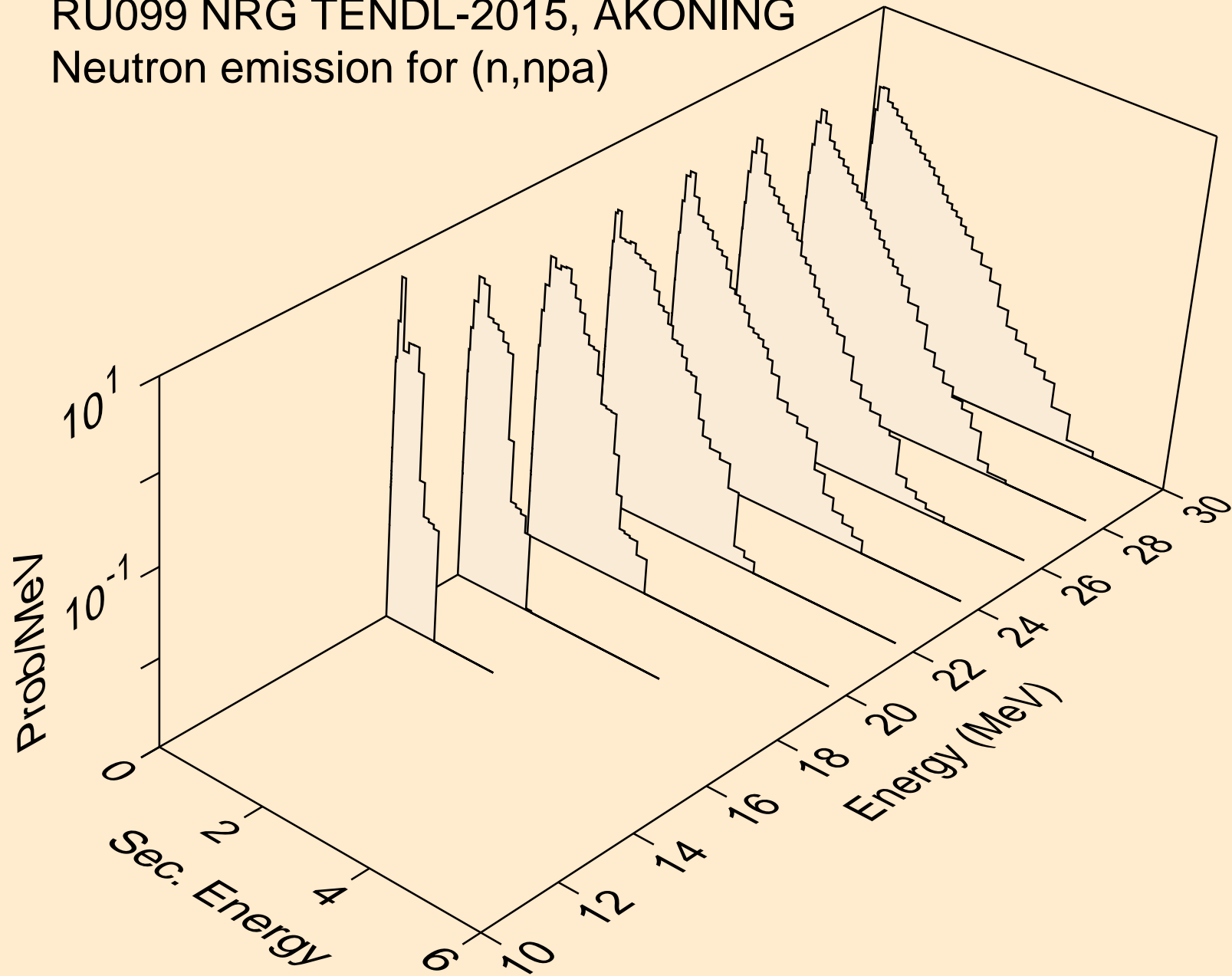




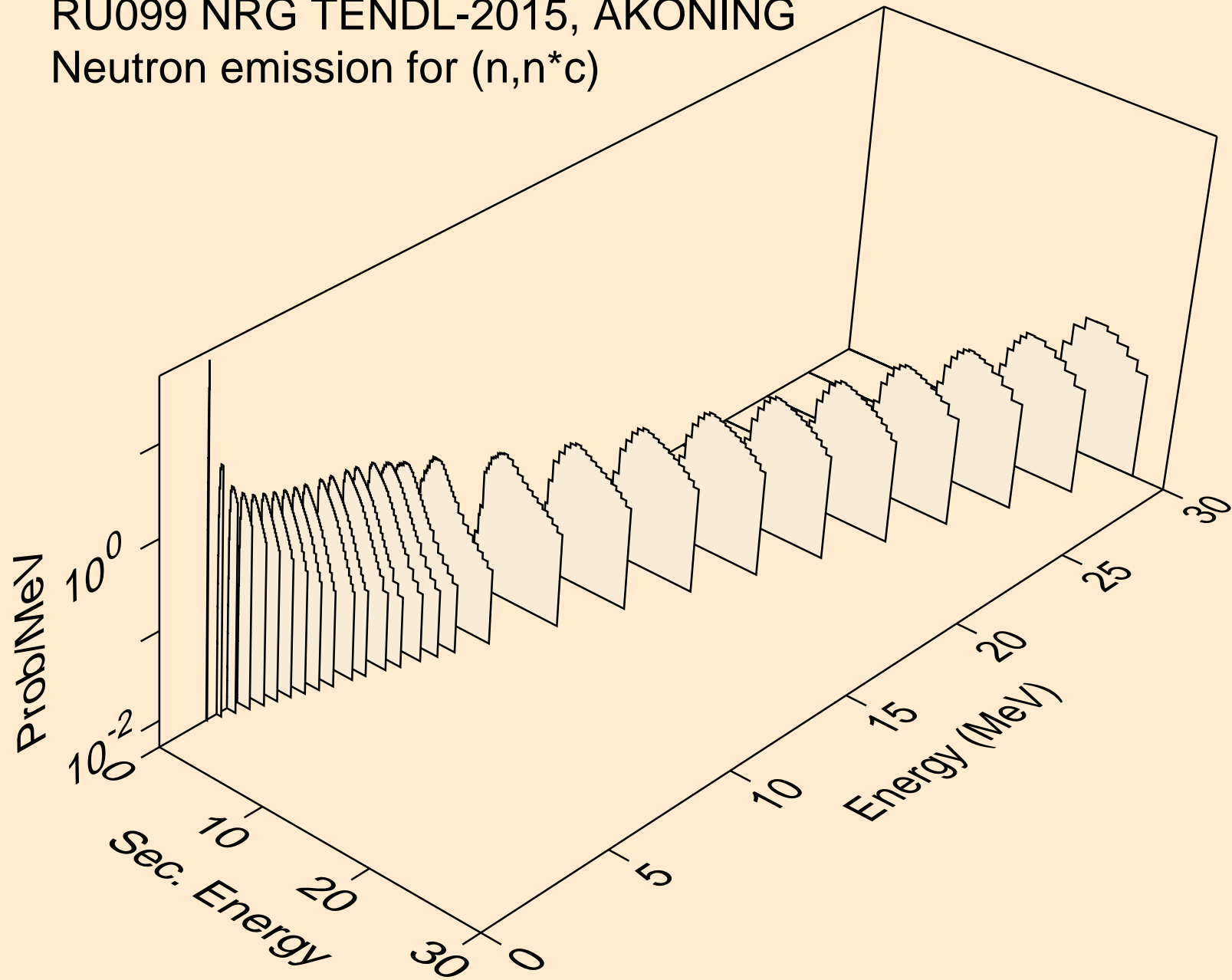
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



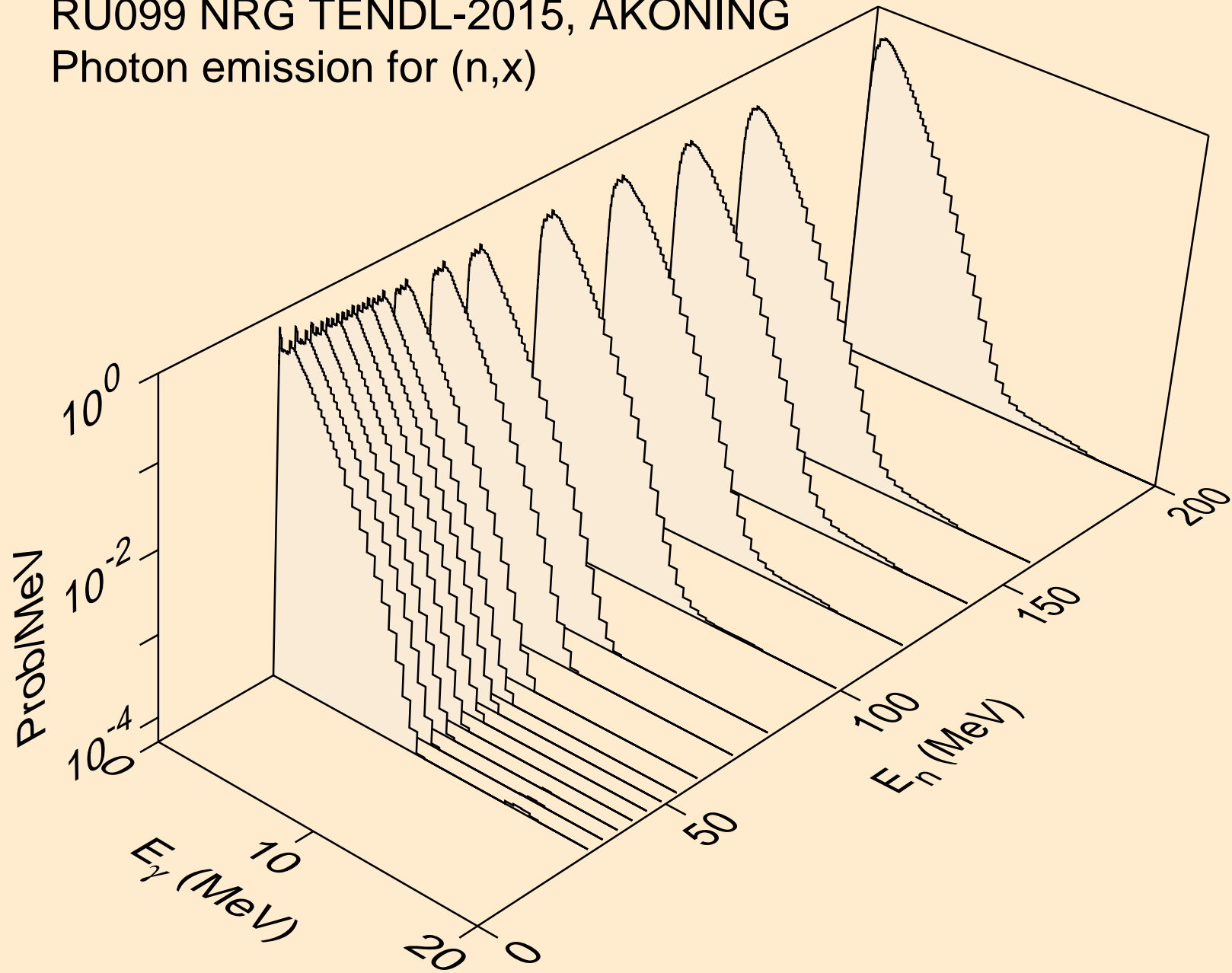
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



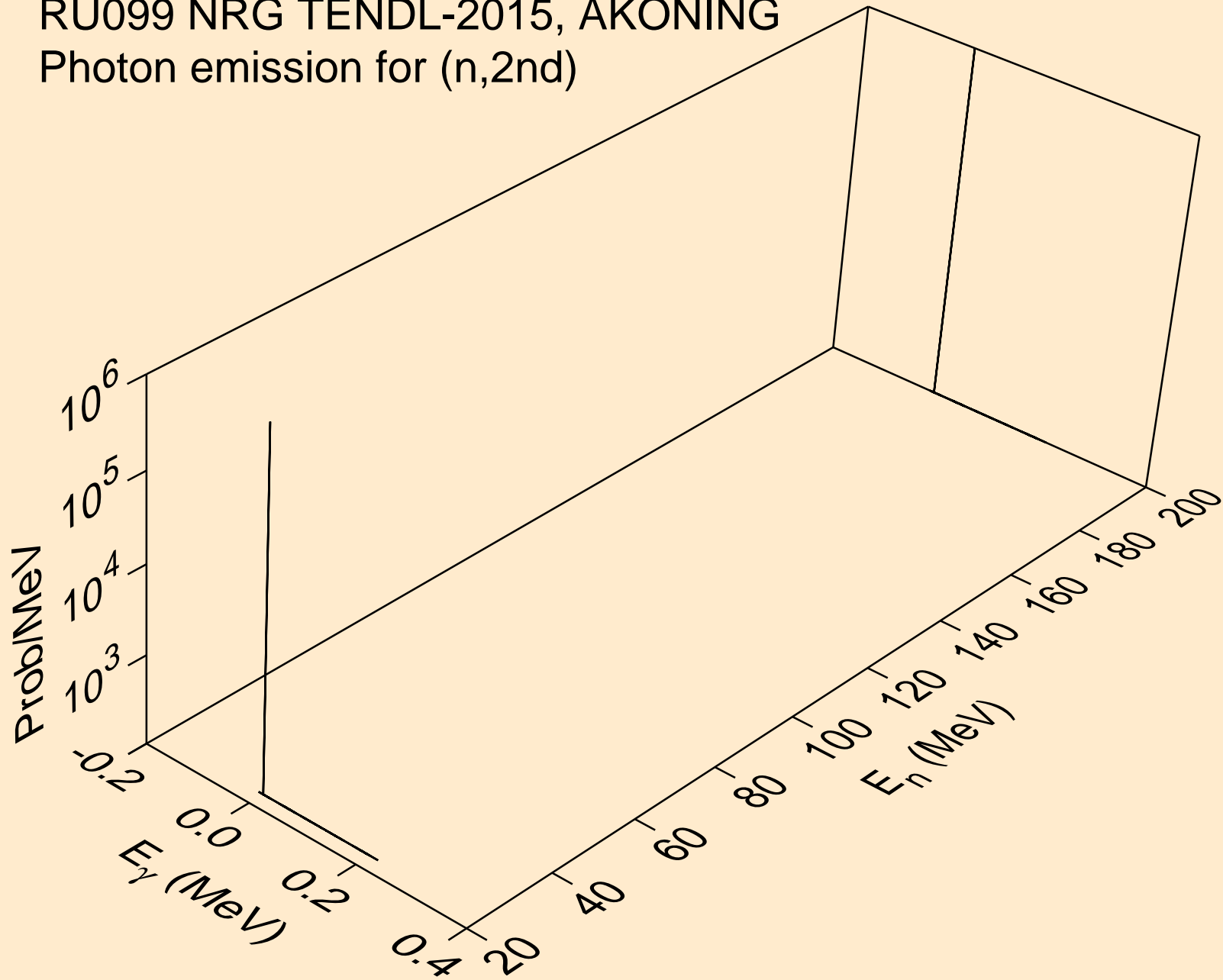
RU099 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



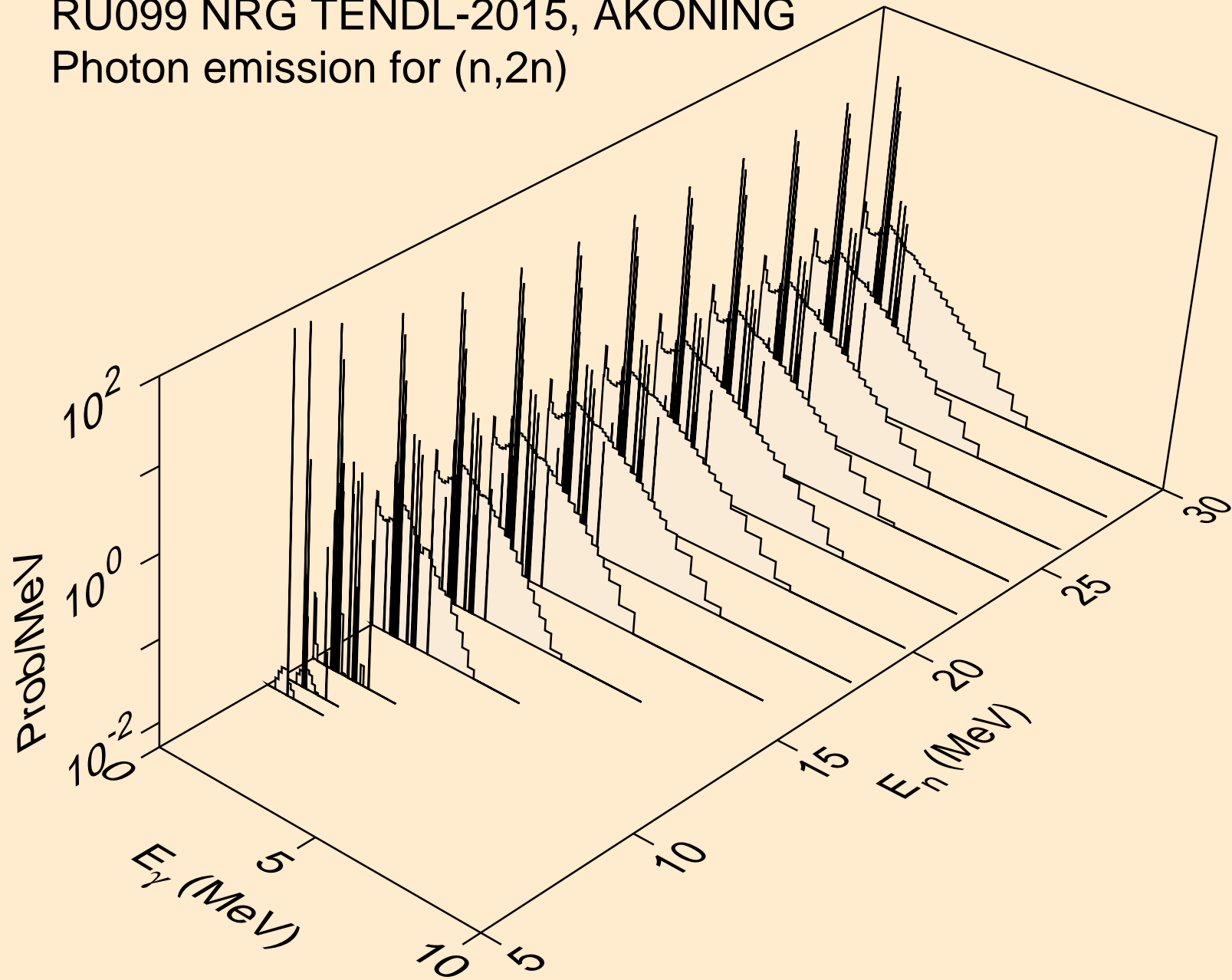
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



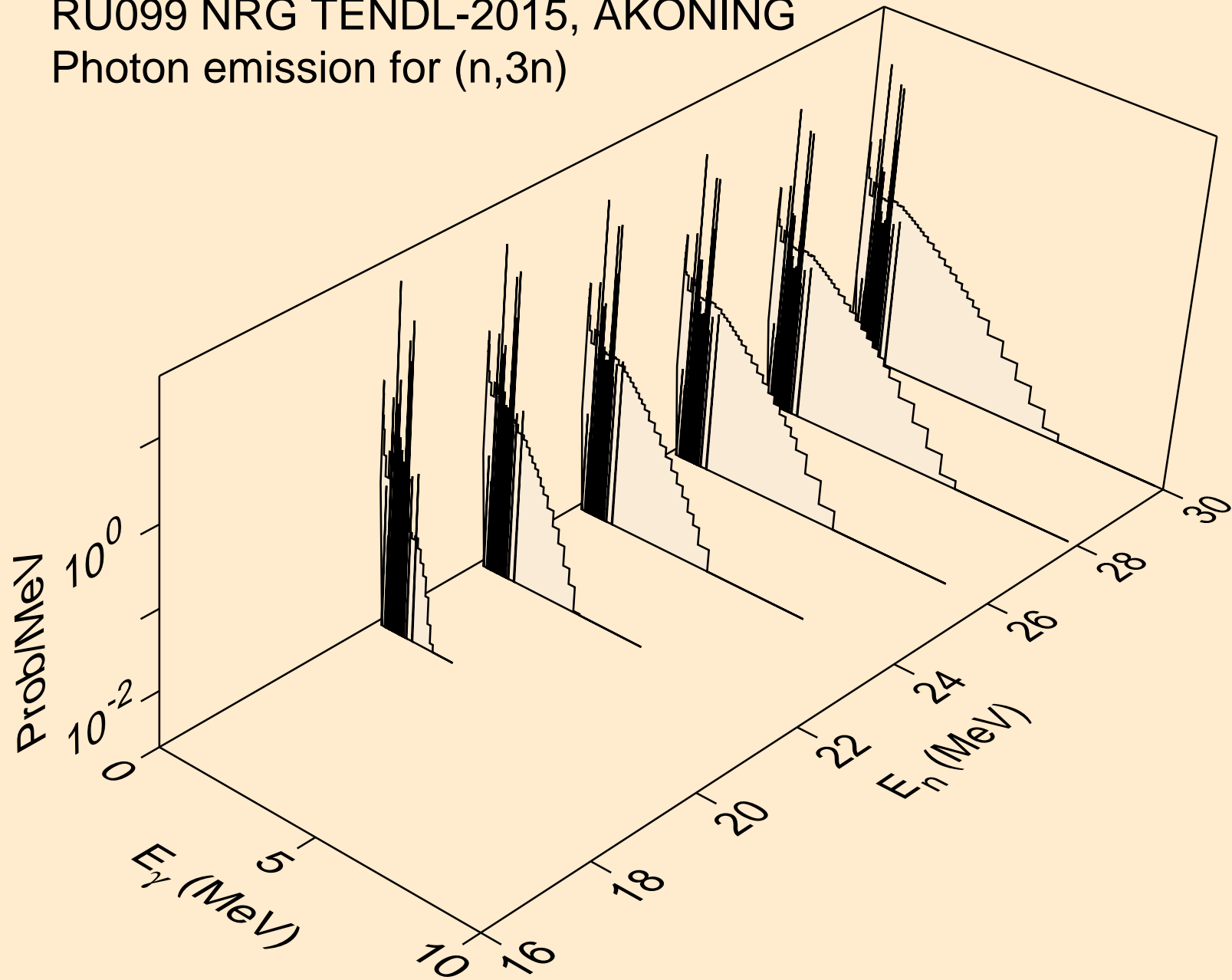
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



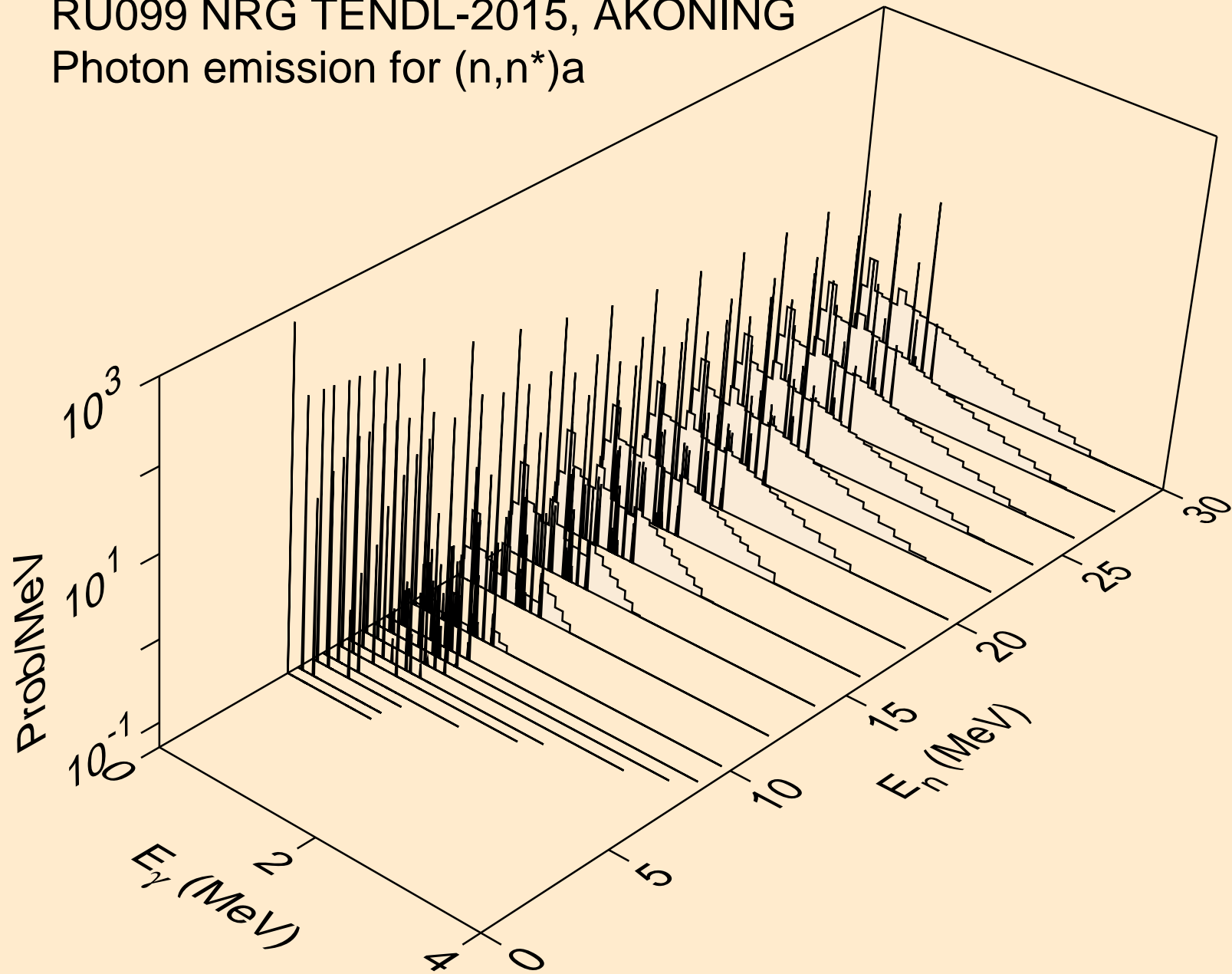
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

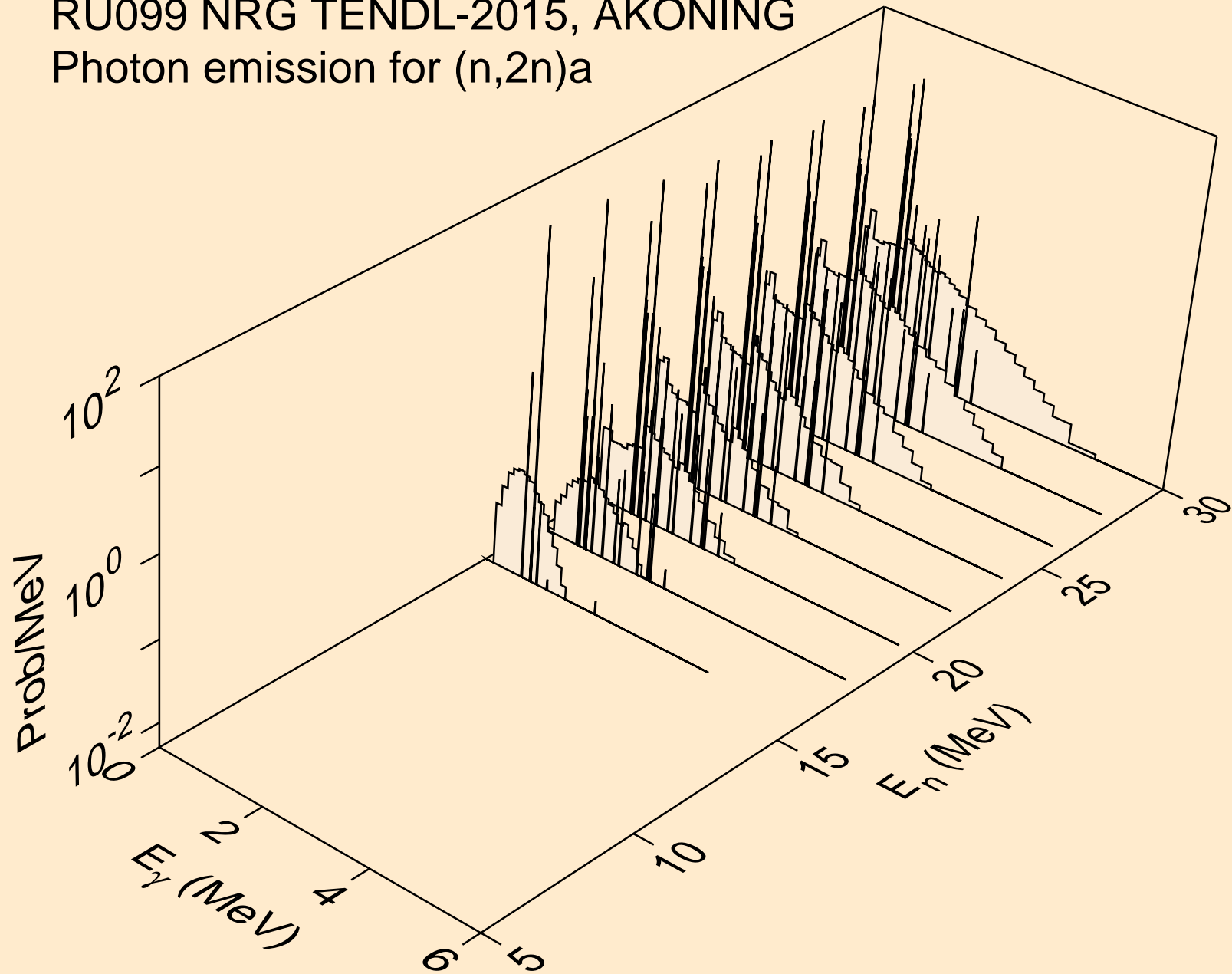


RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

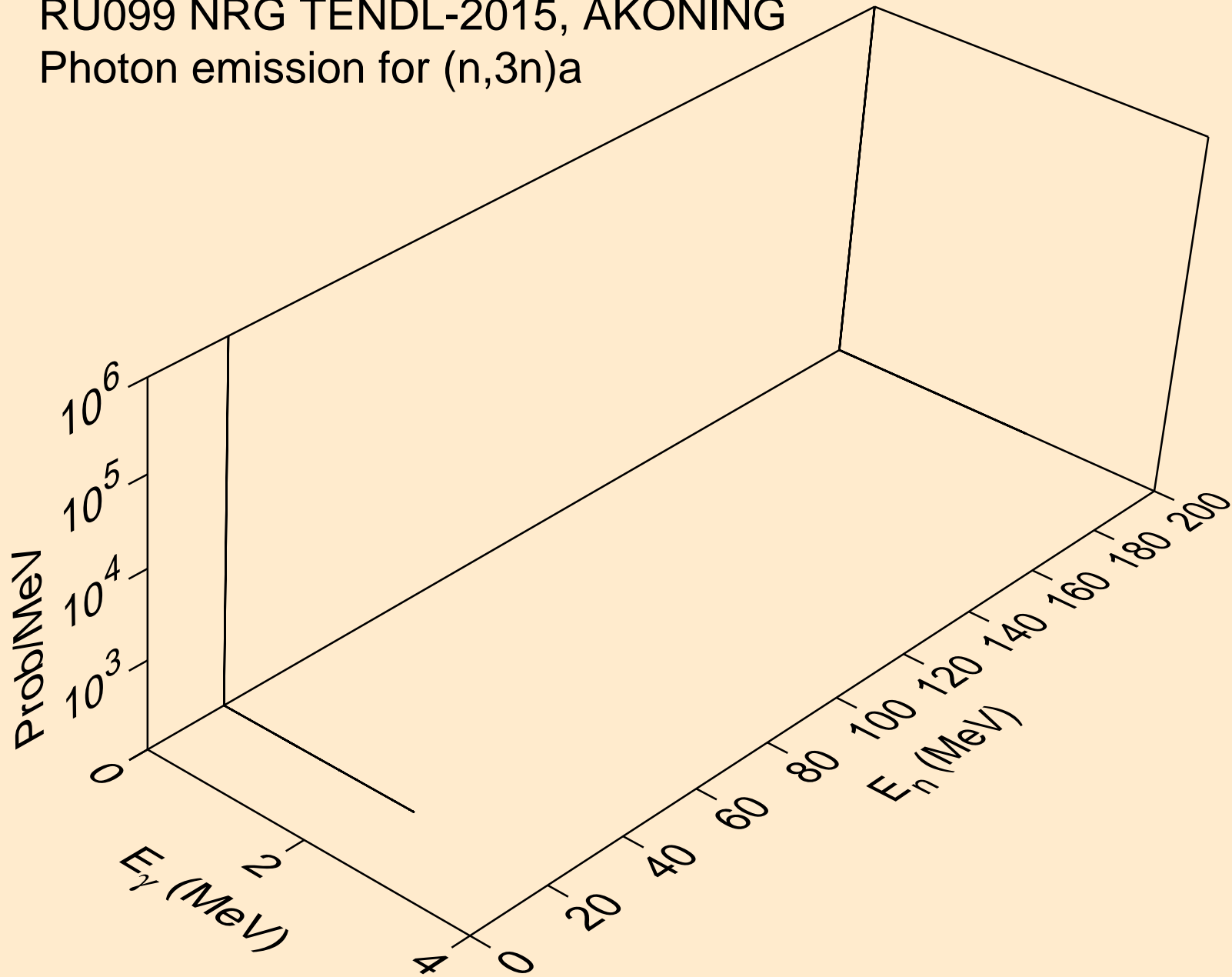




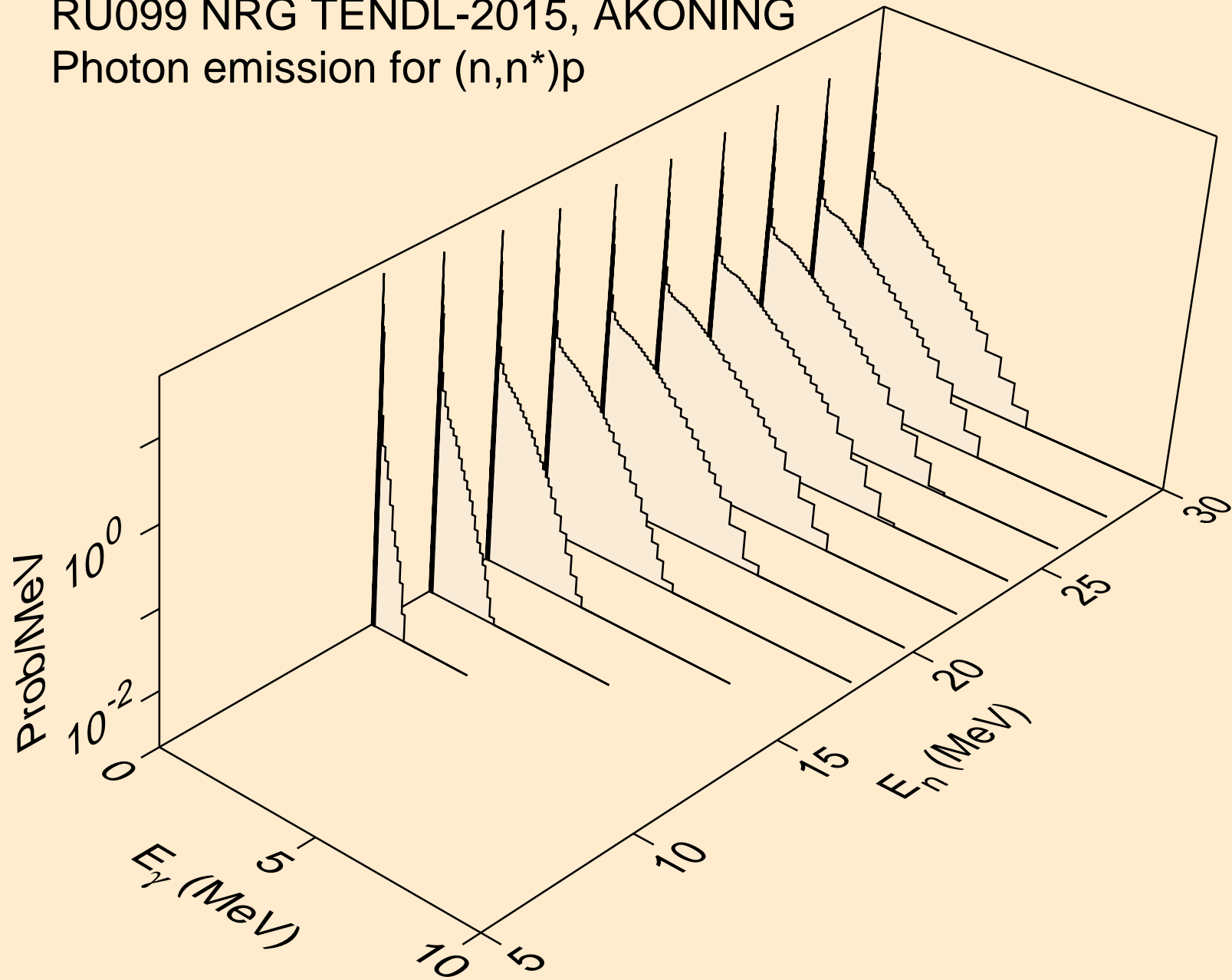
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



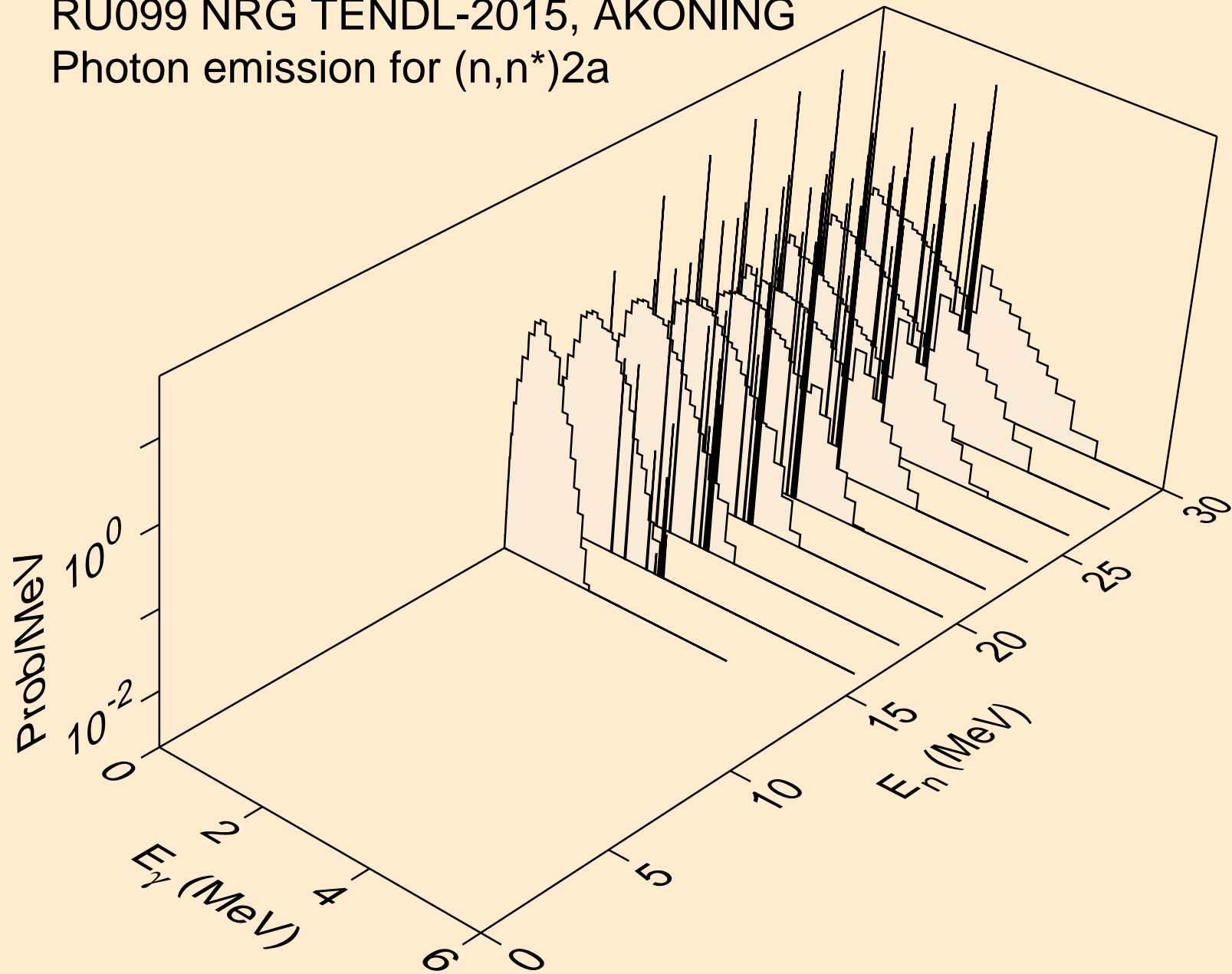
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



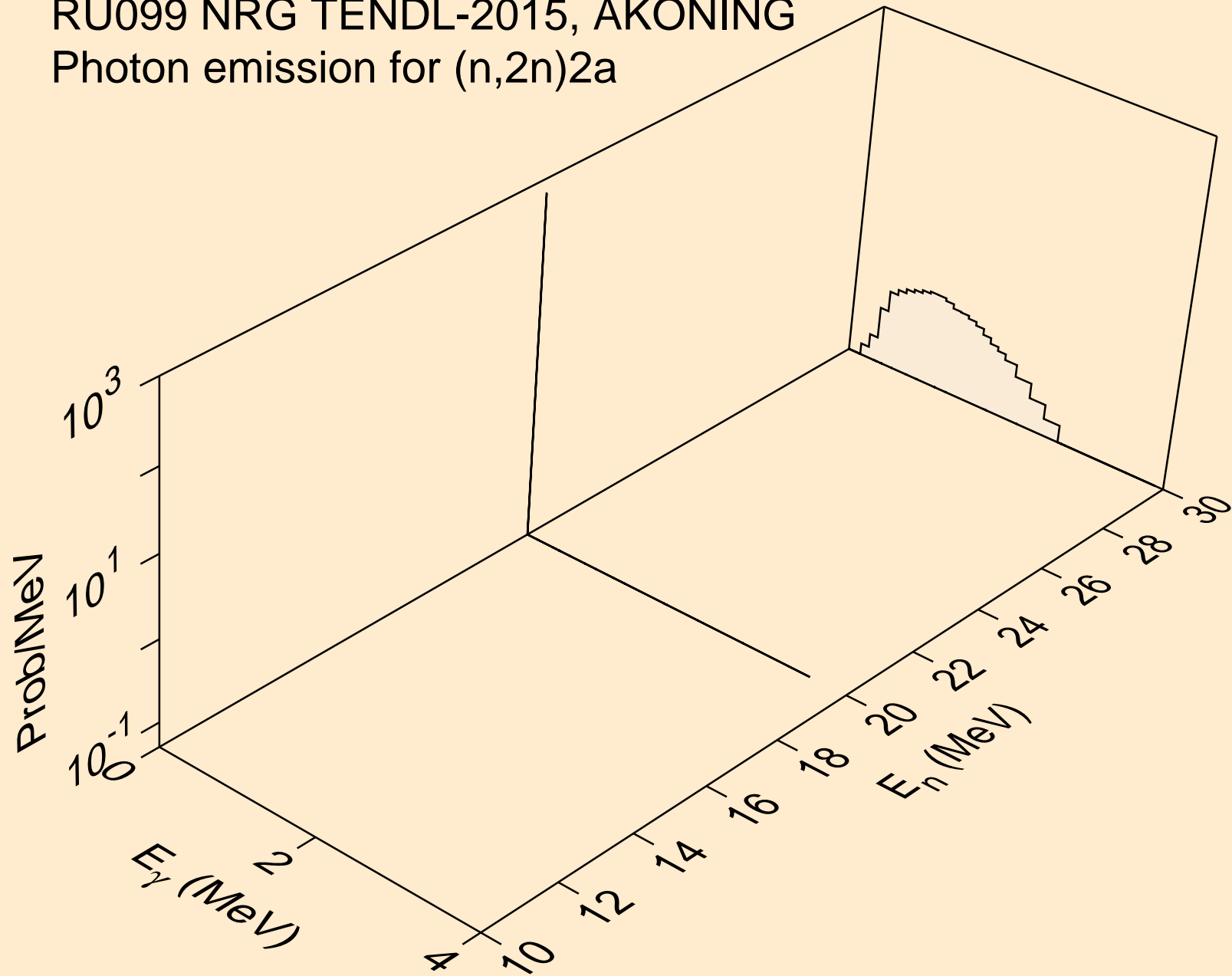
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



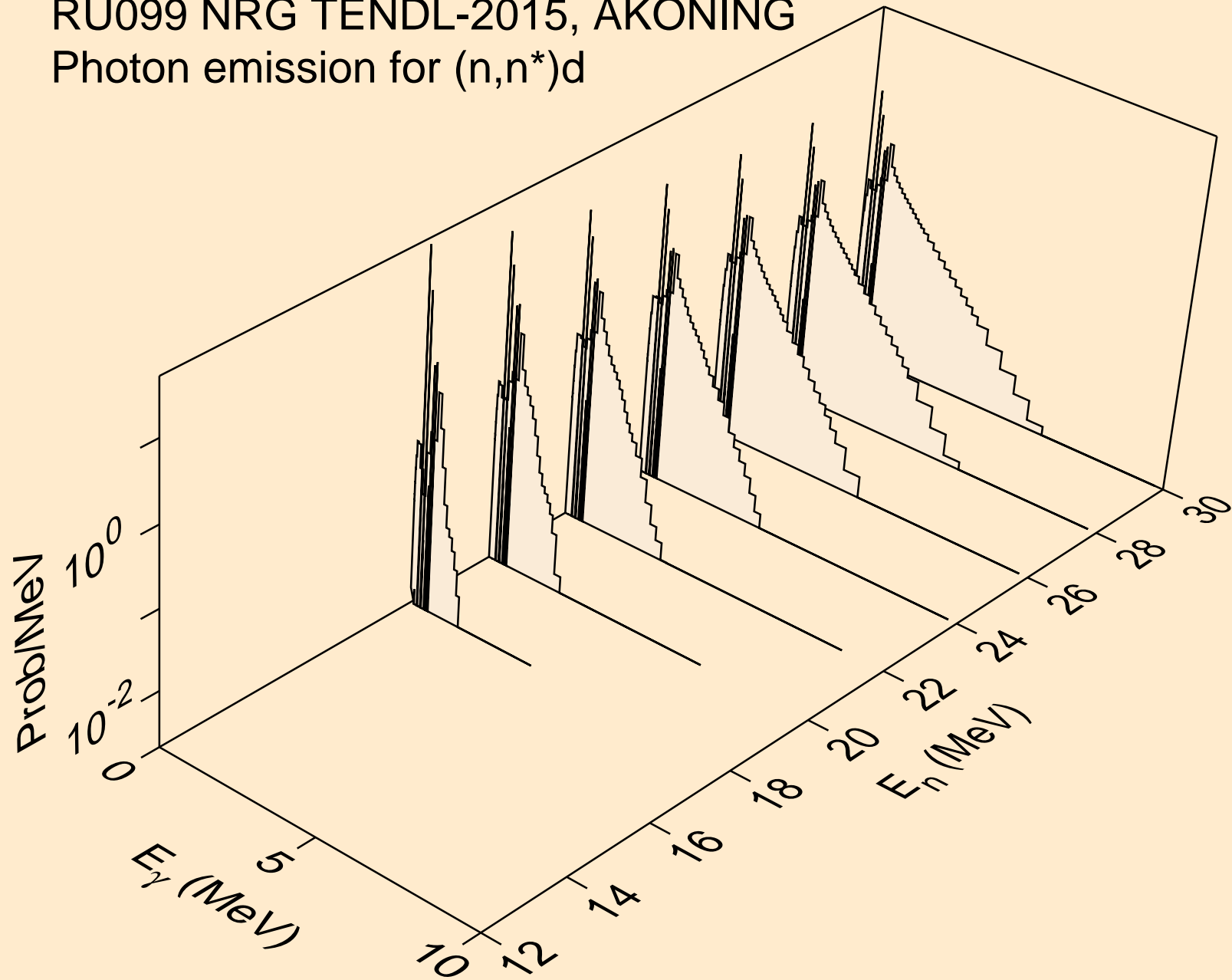
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



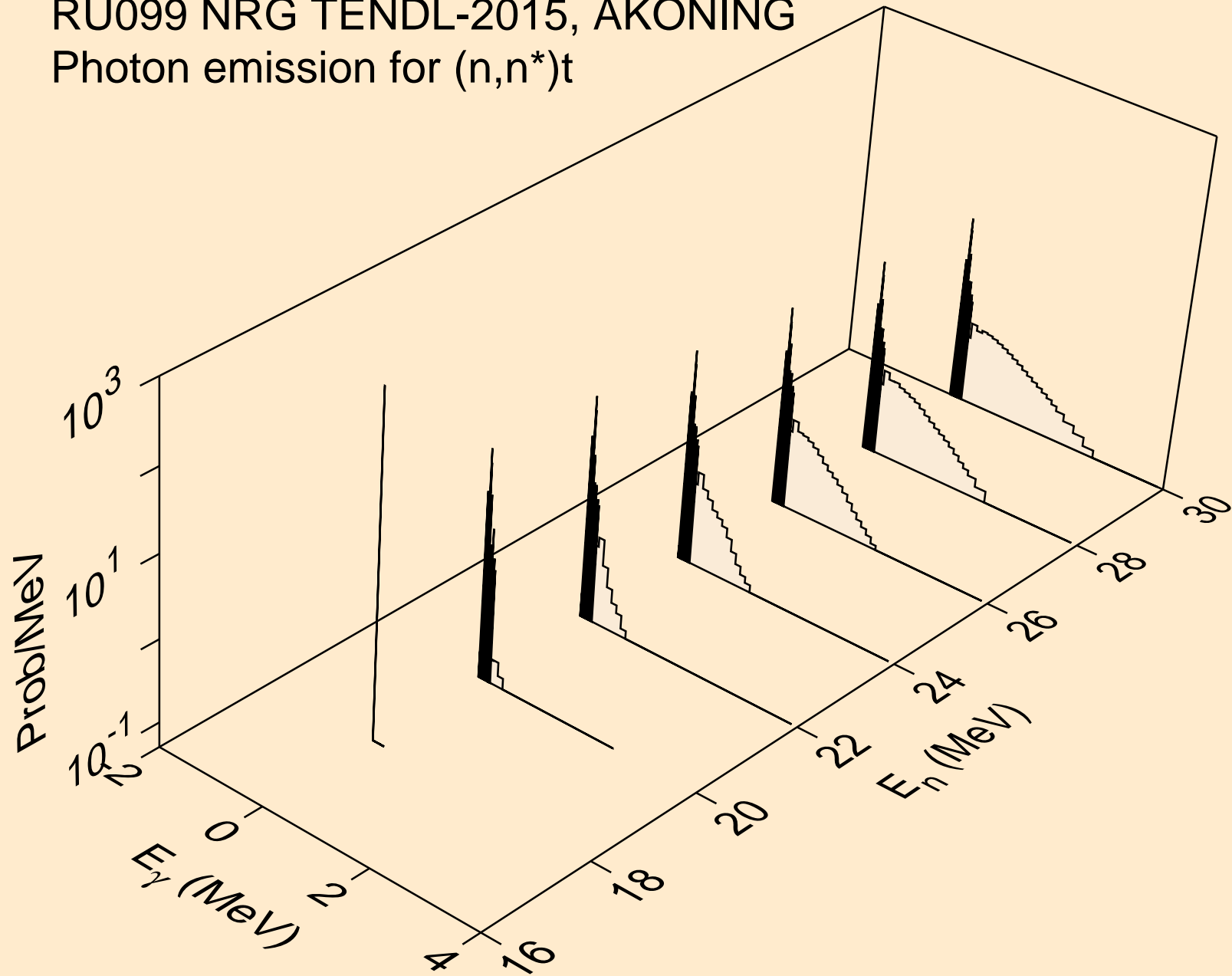
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



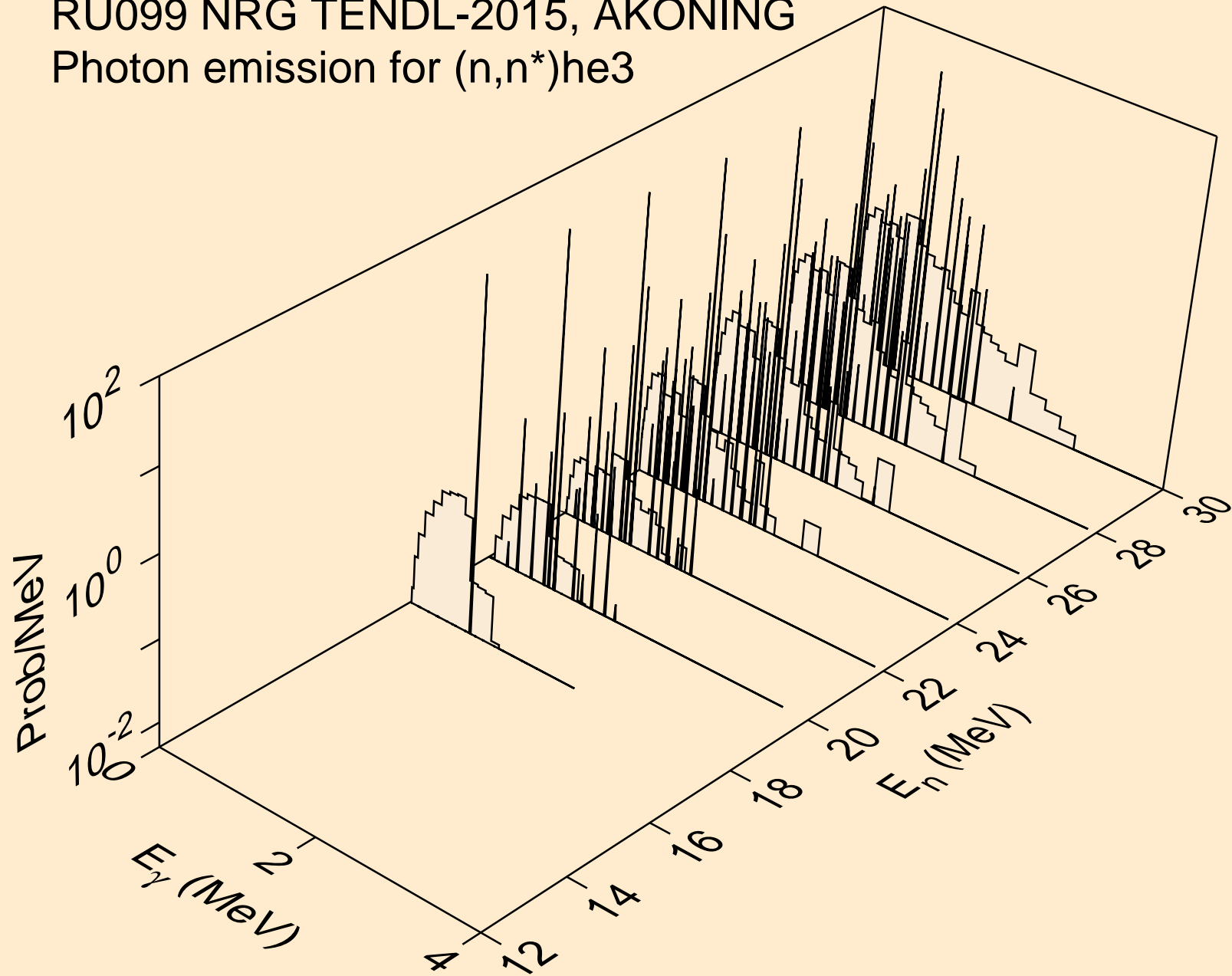
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

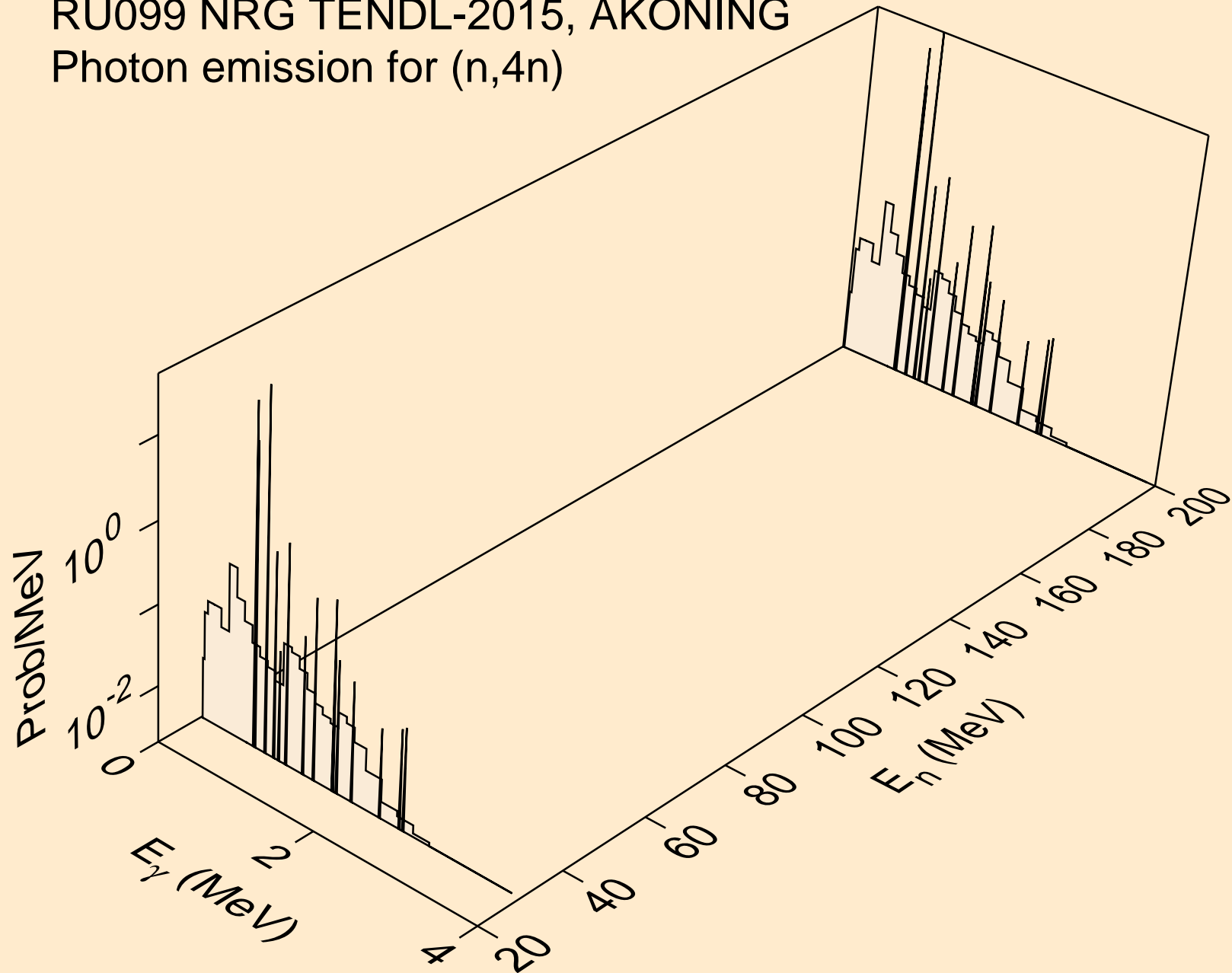


RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

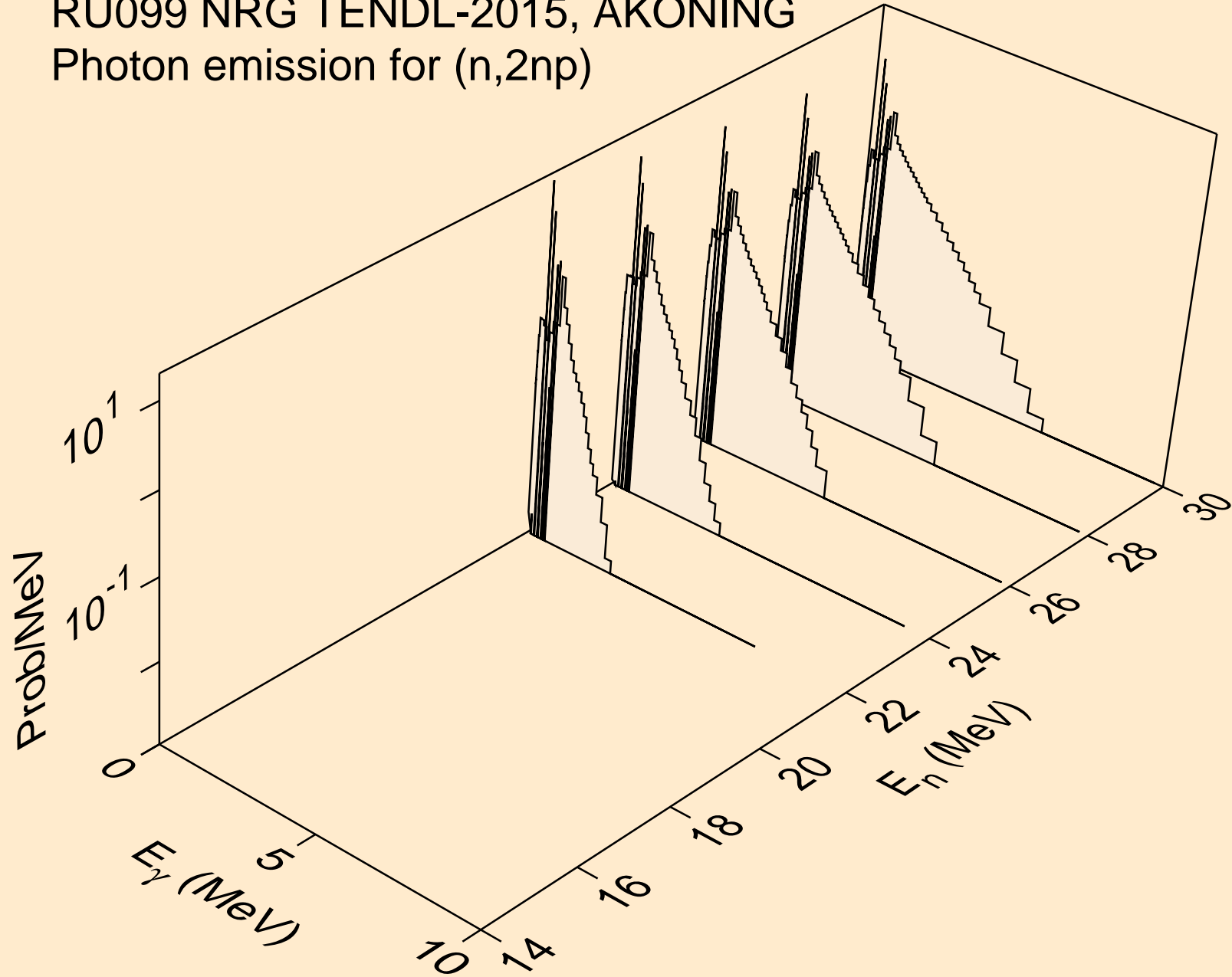




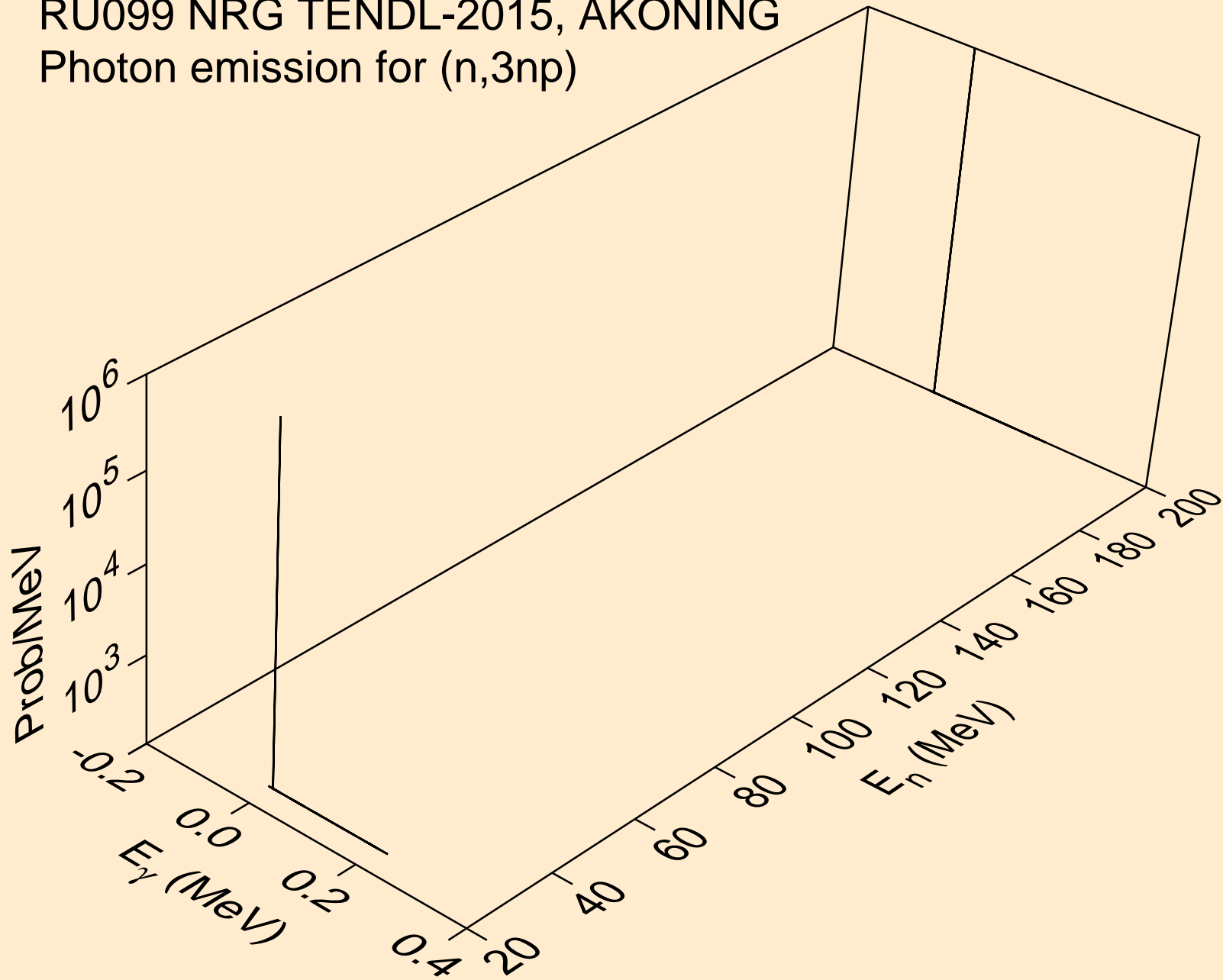
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



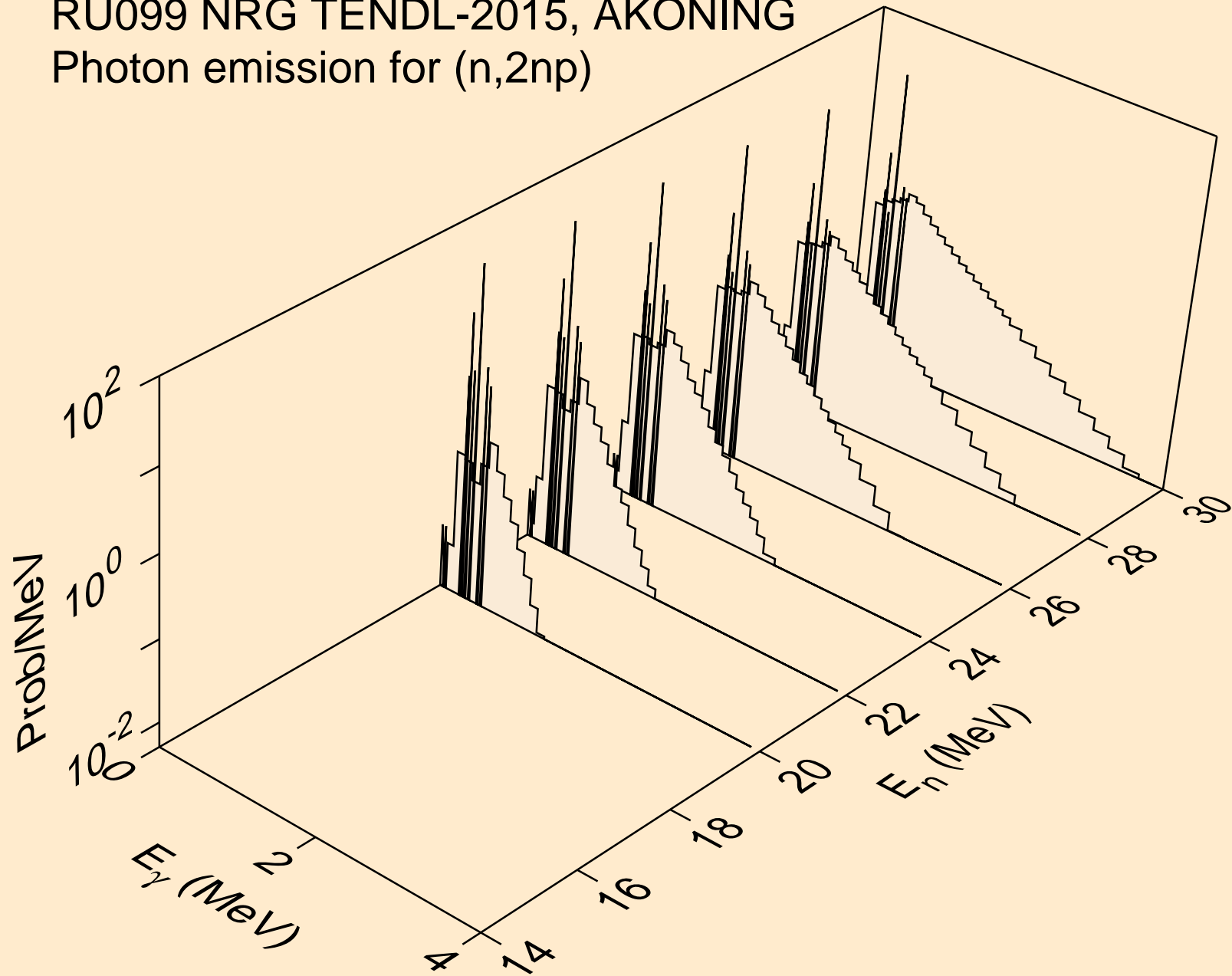
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



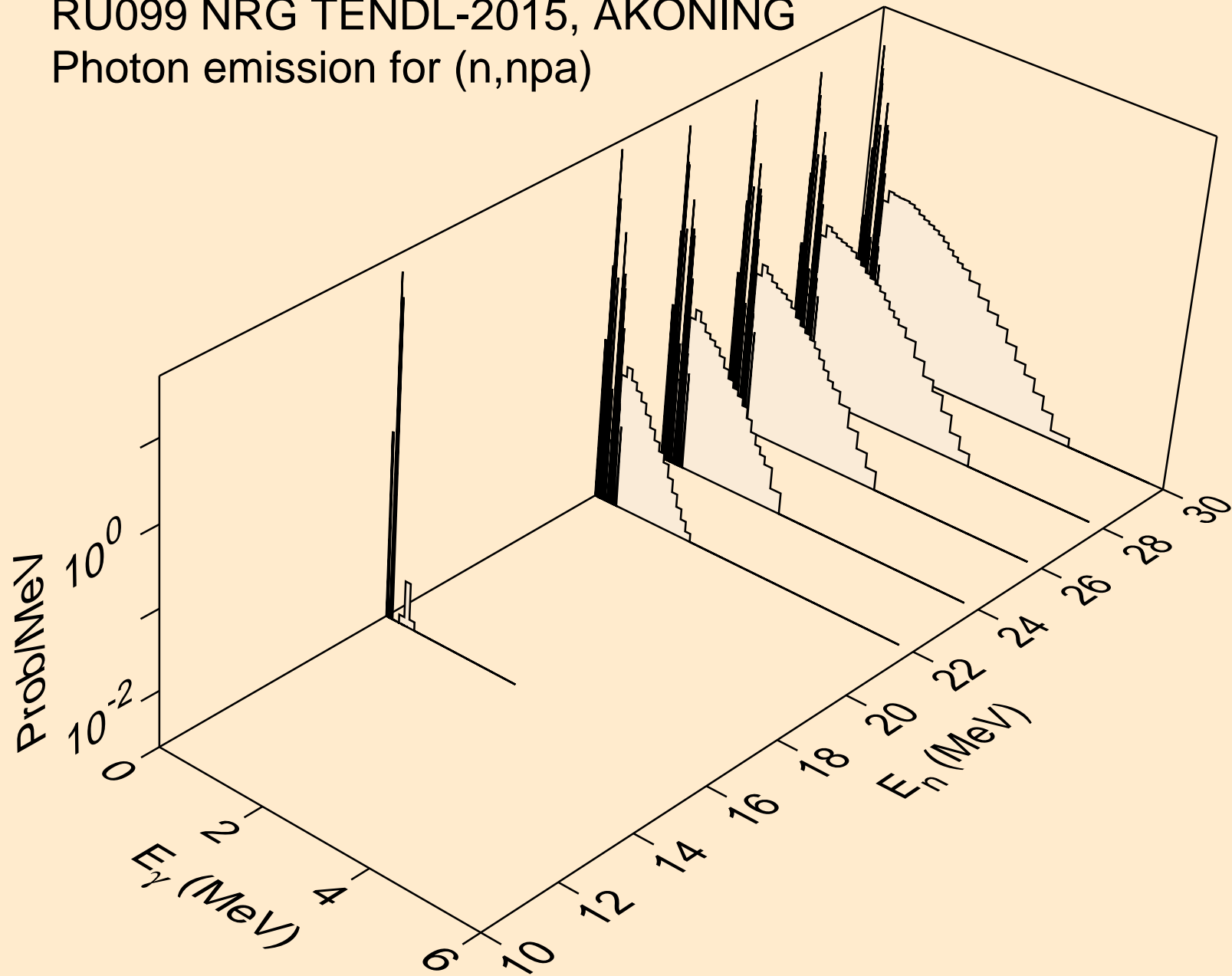
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



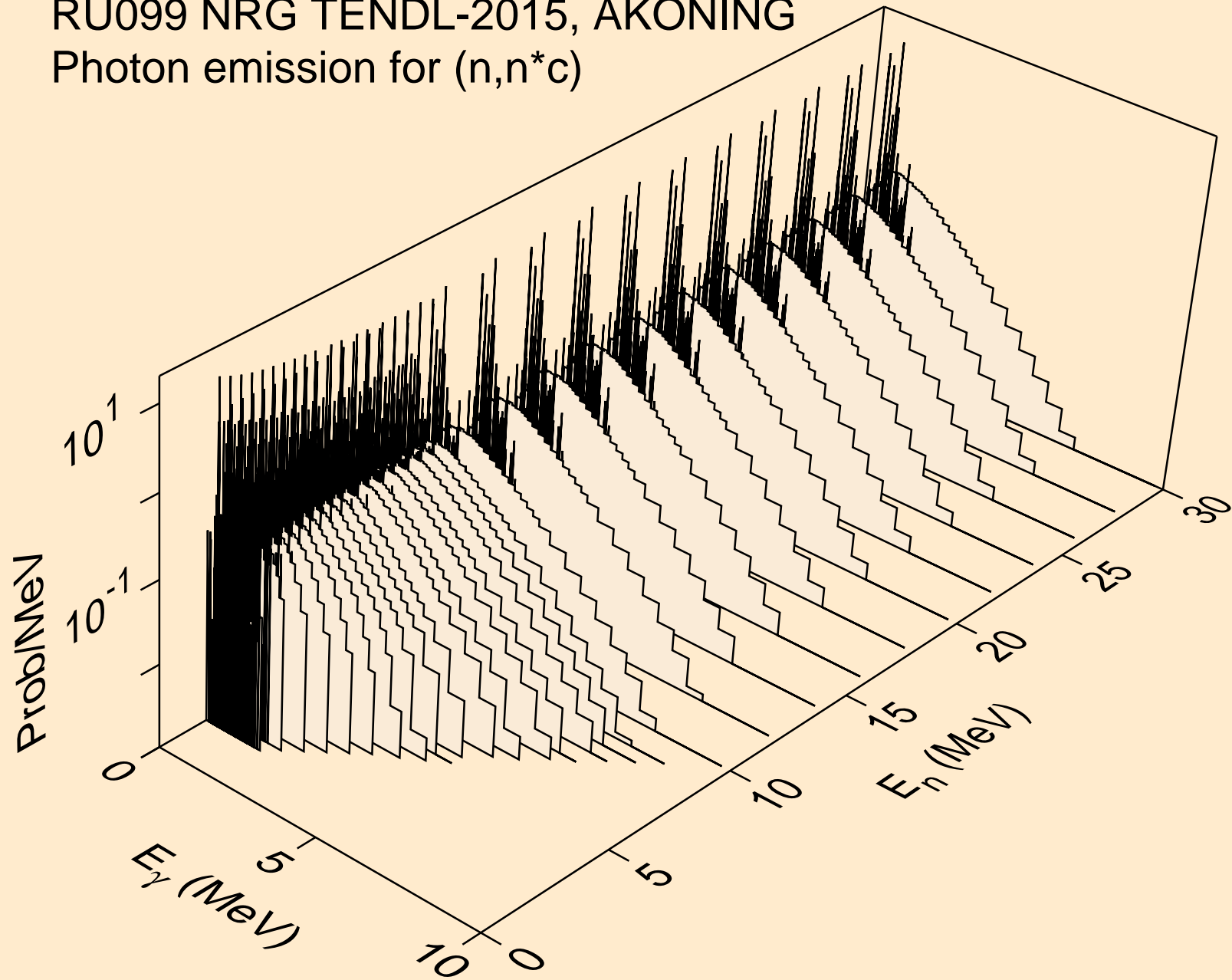
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



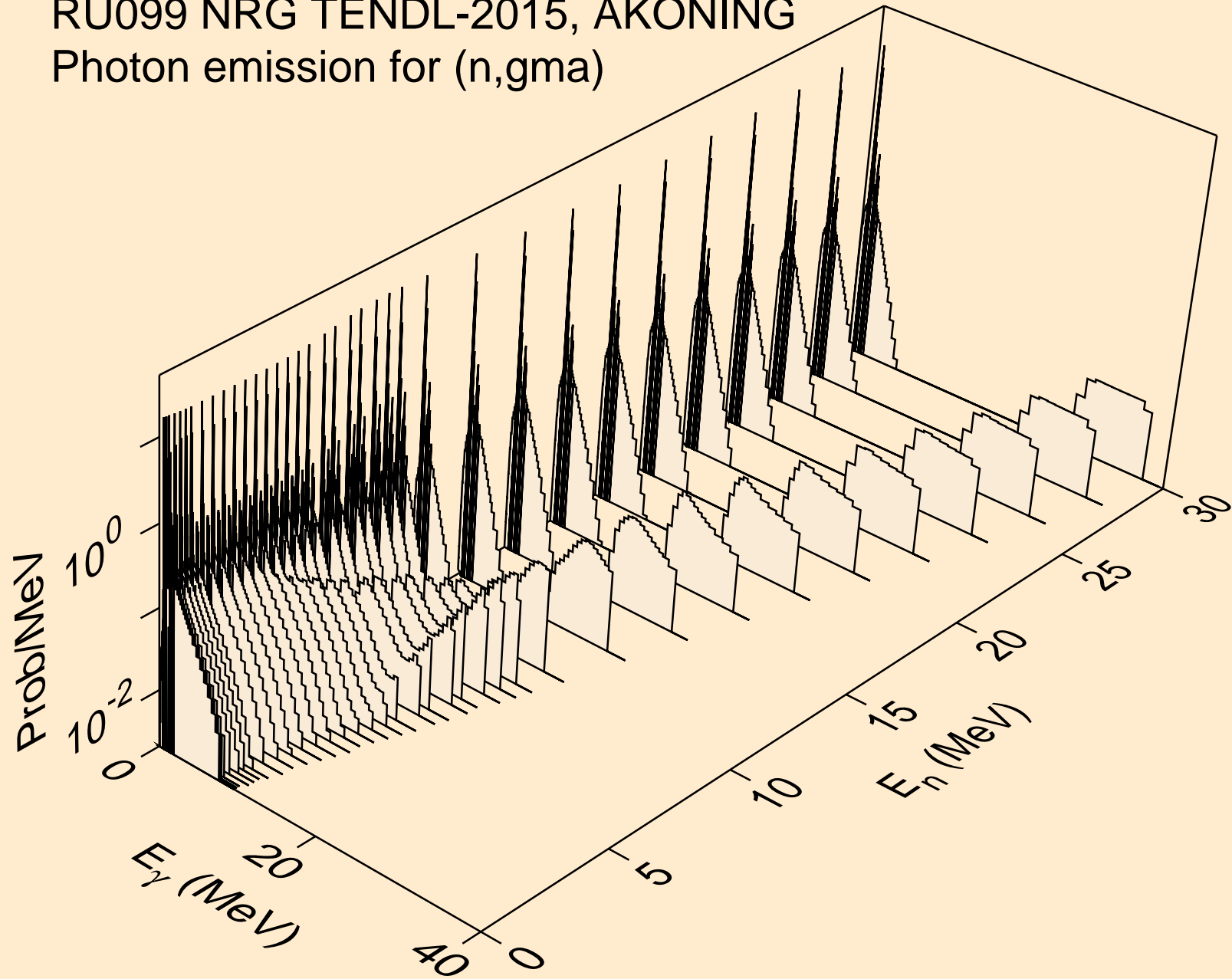
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



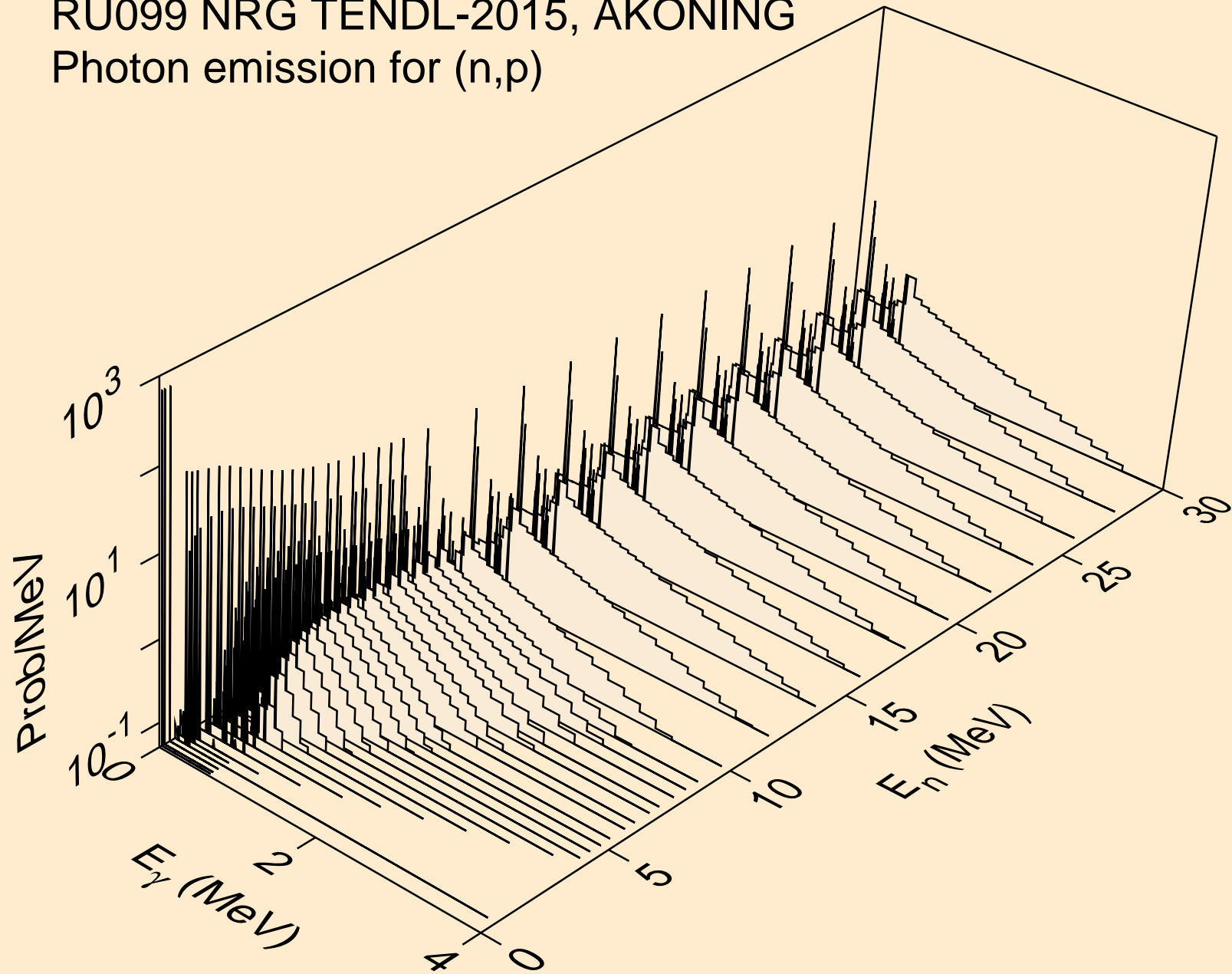
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

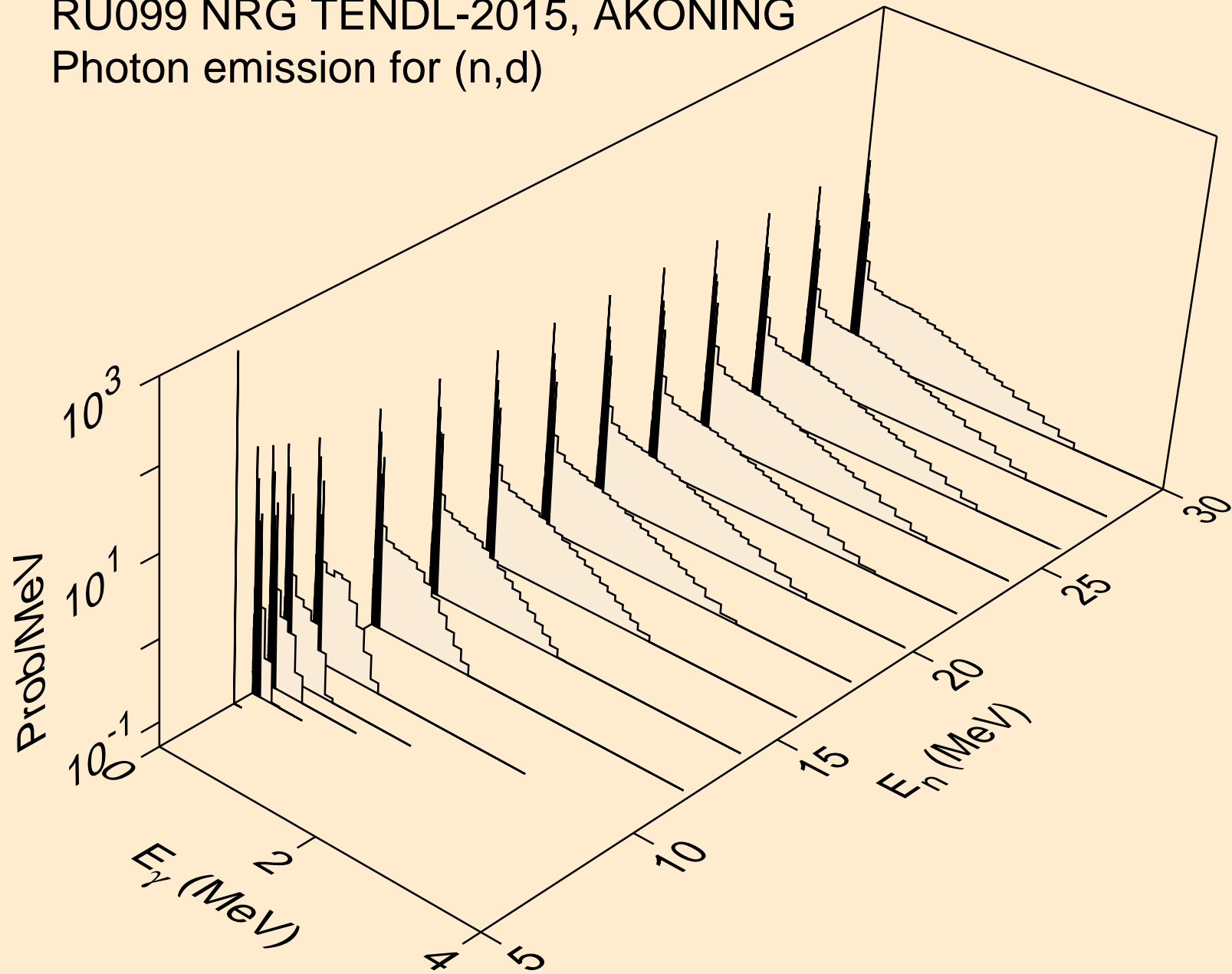


RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

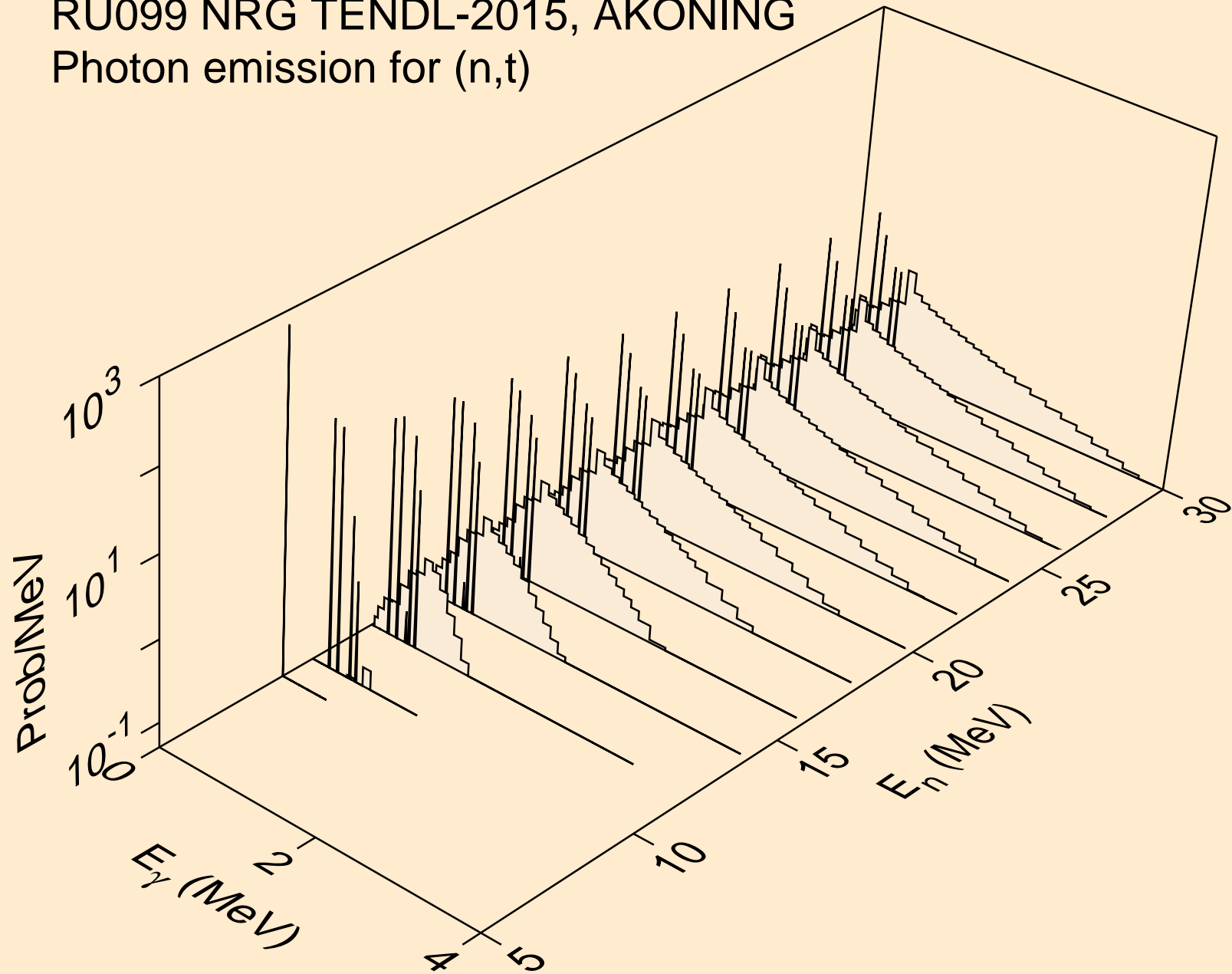




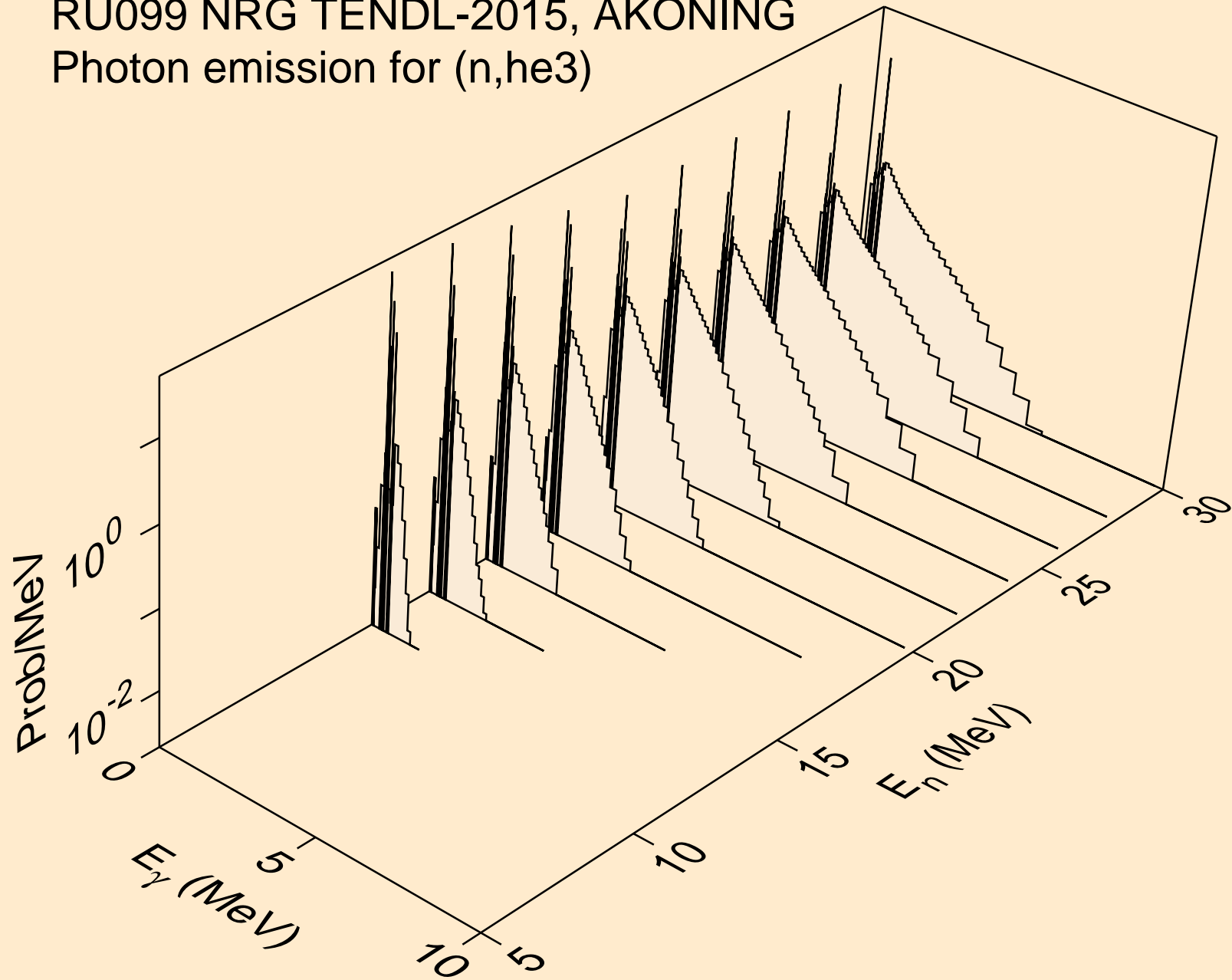
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



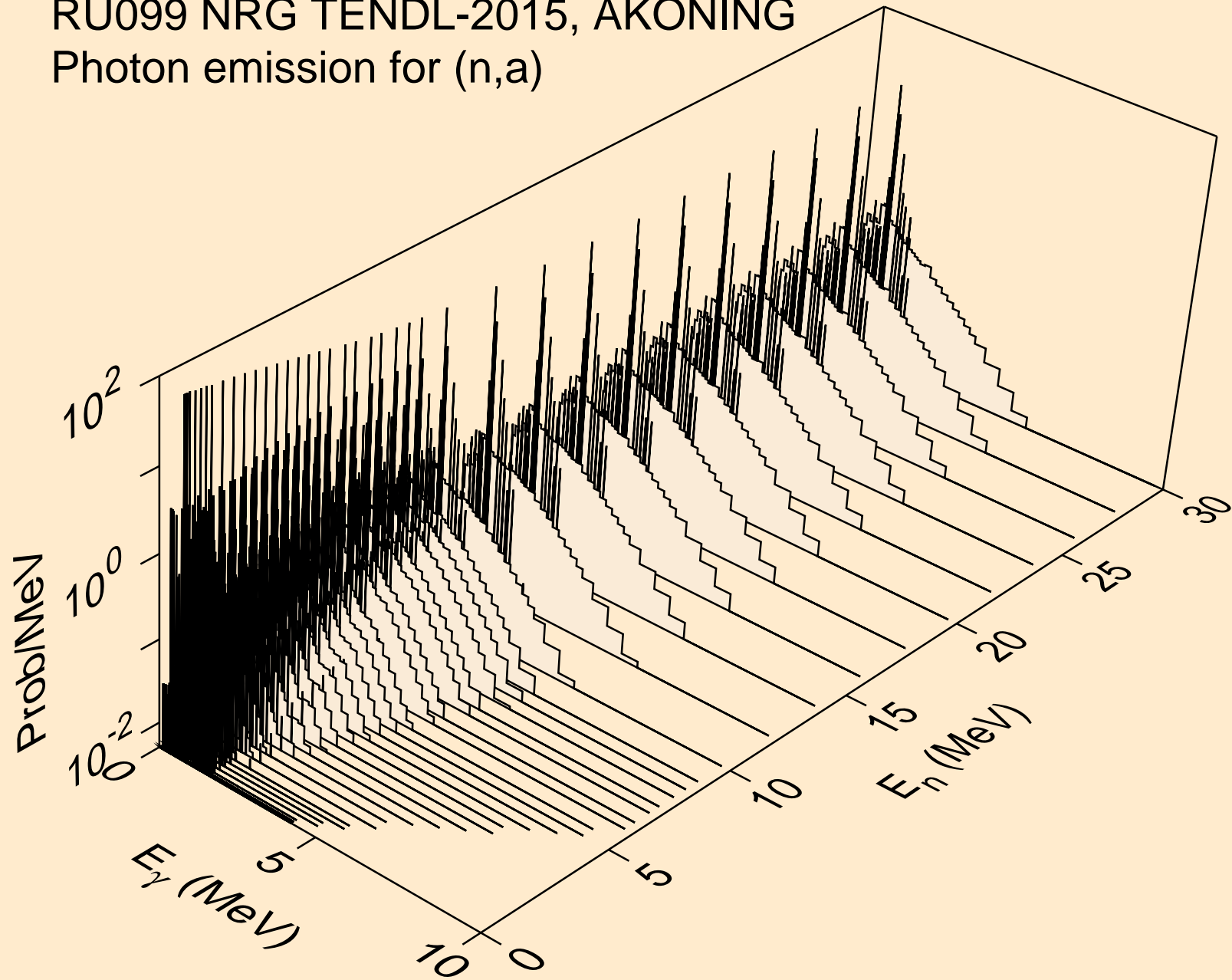
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



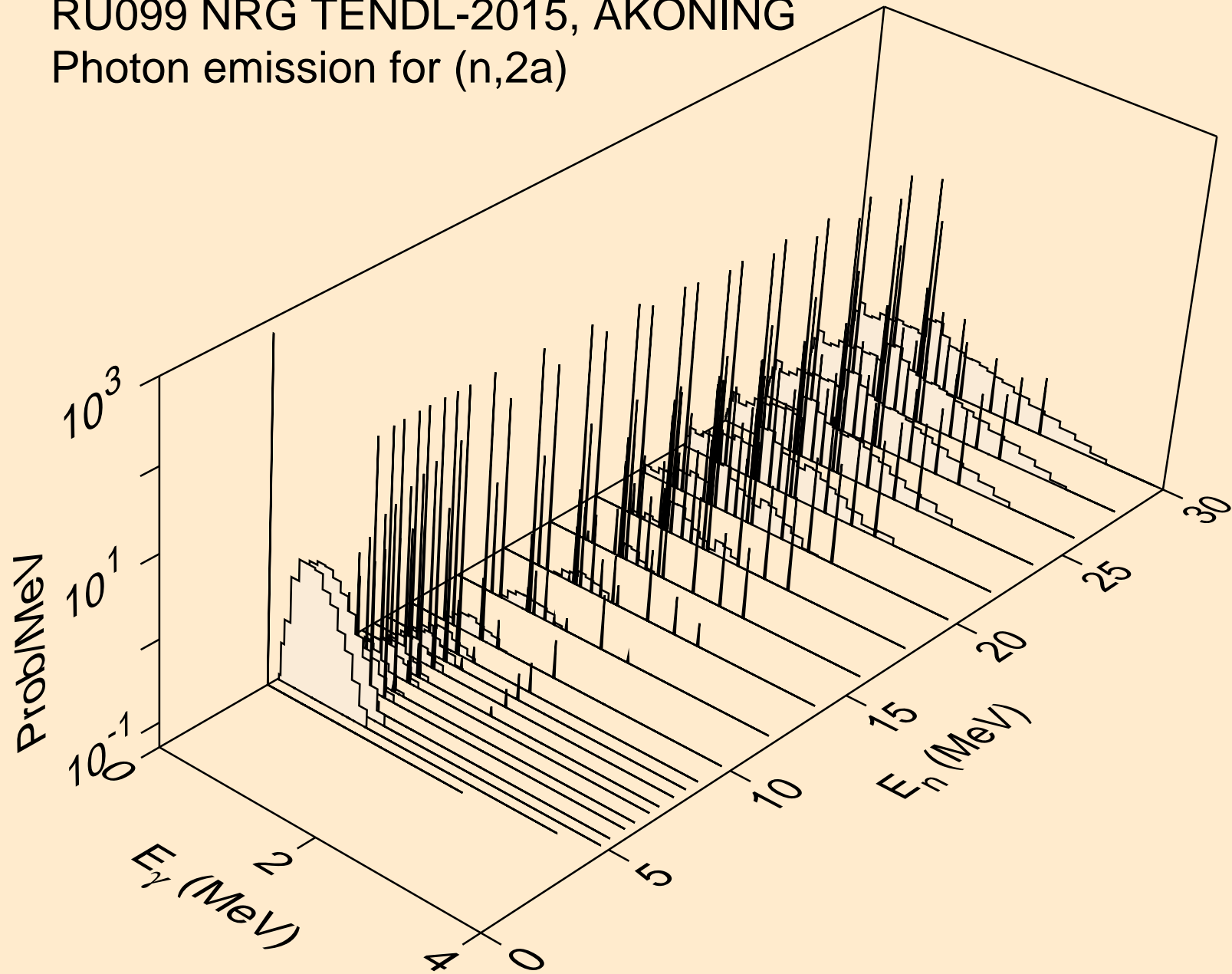
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



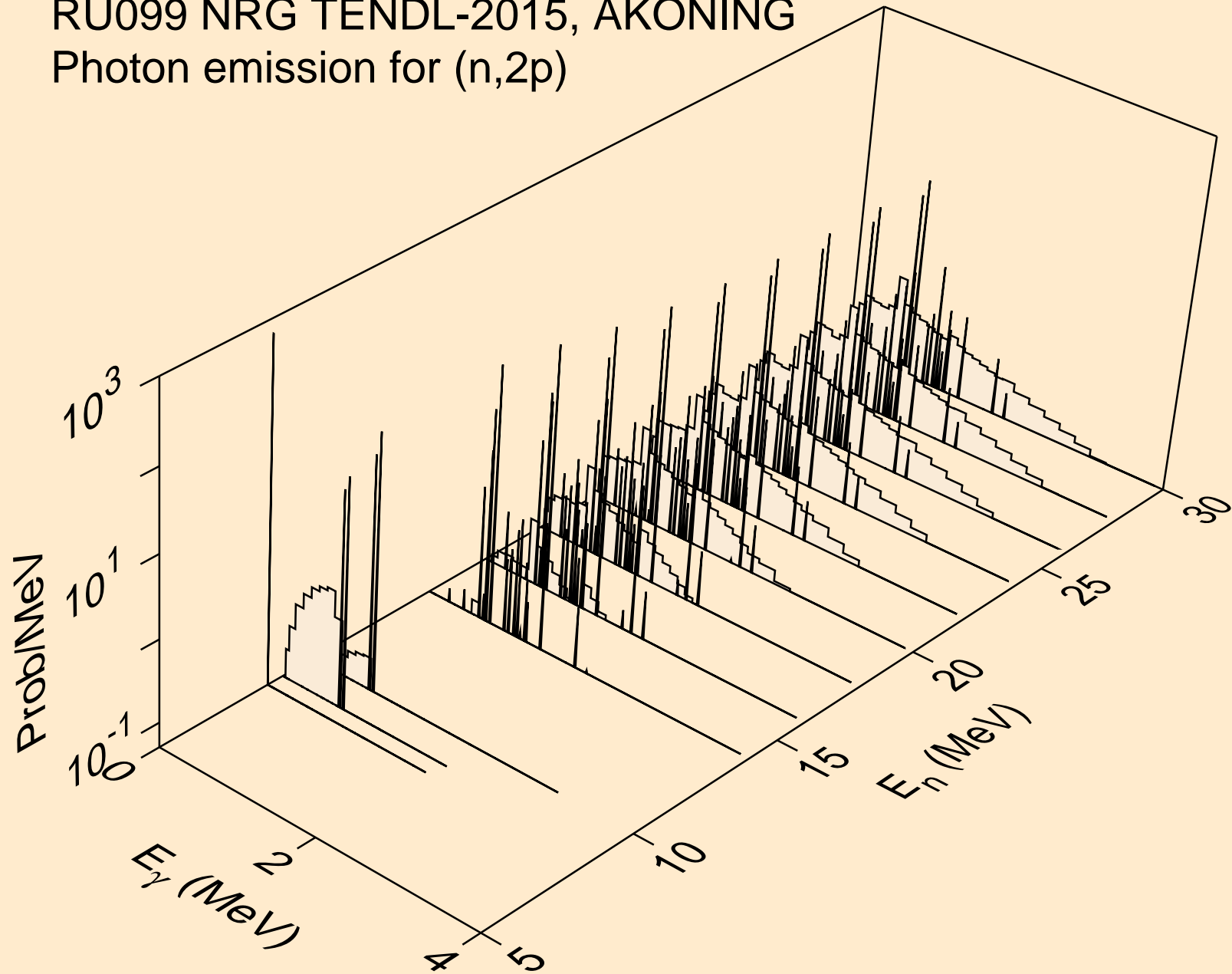
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



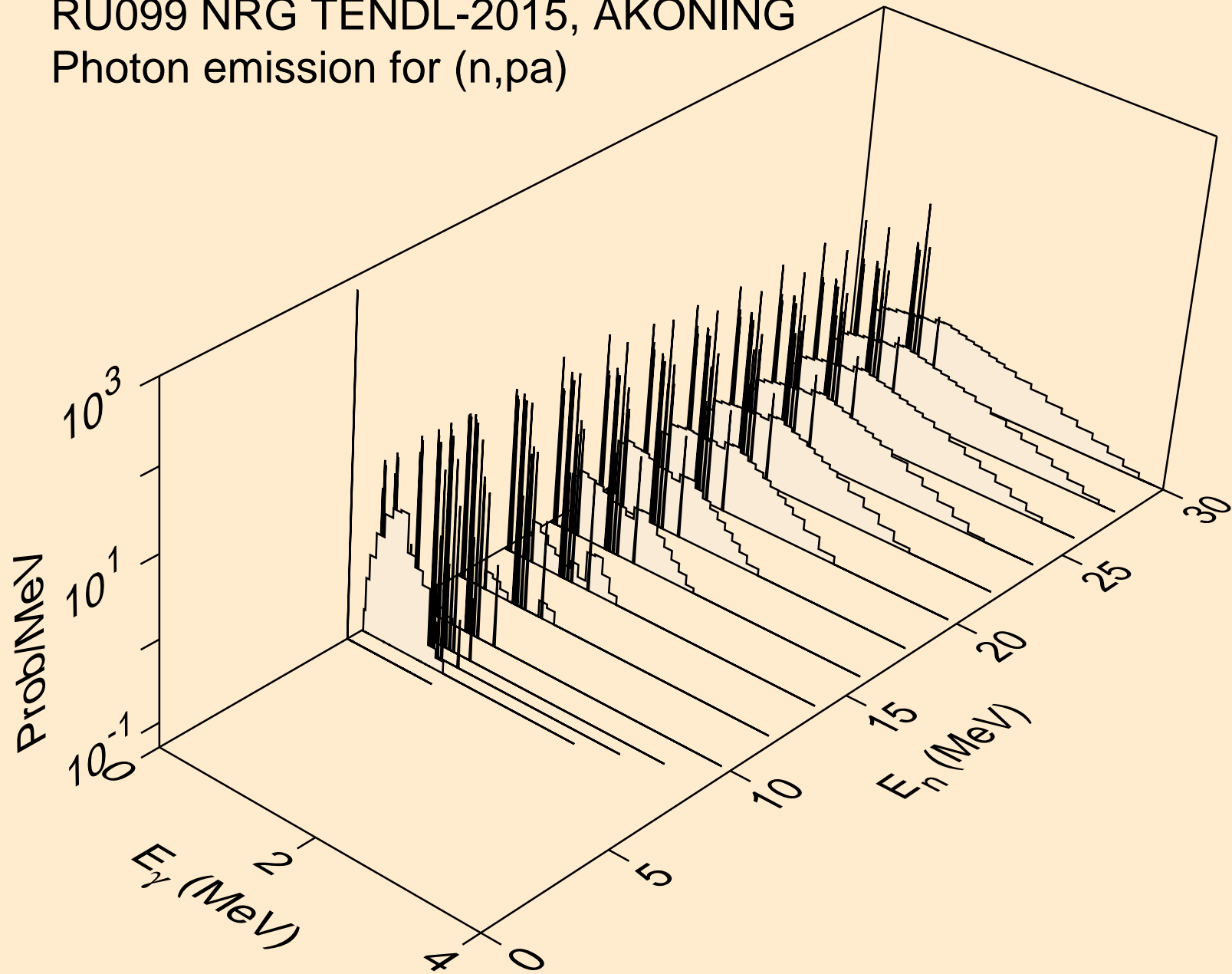
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



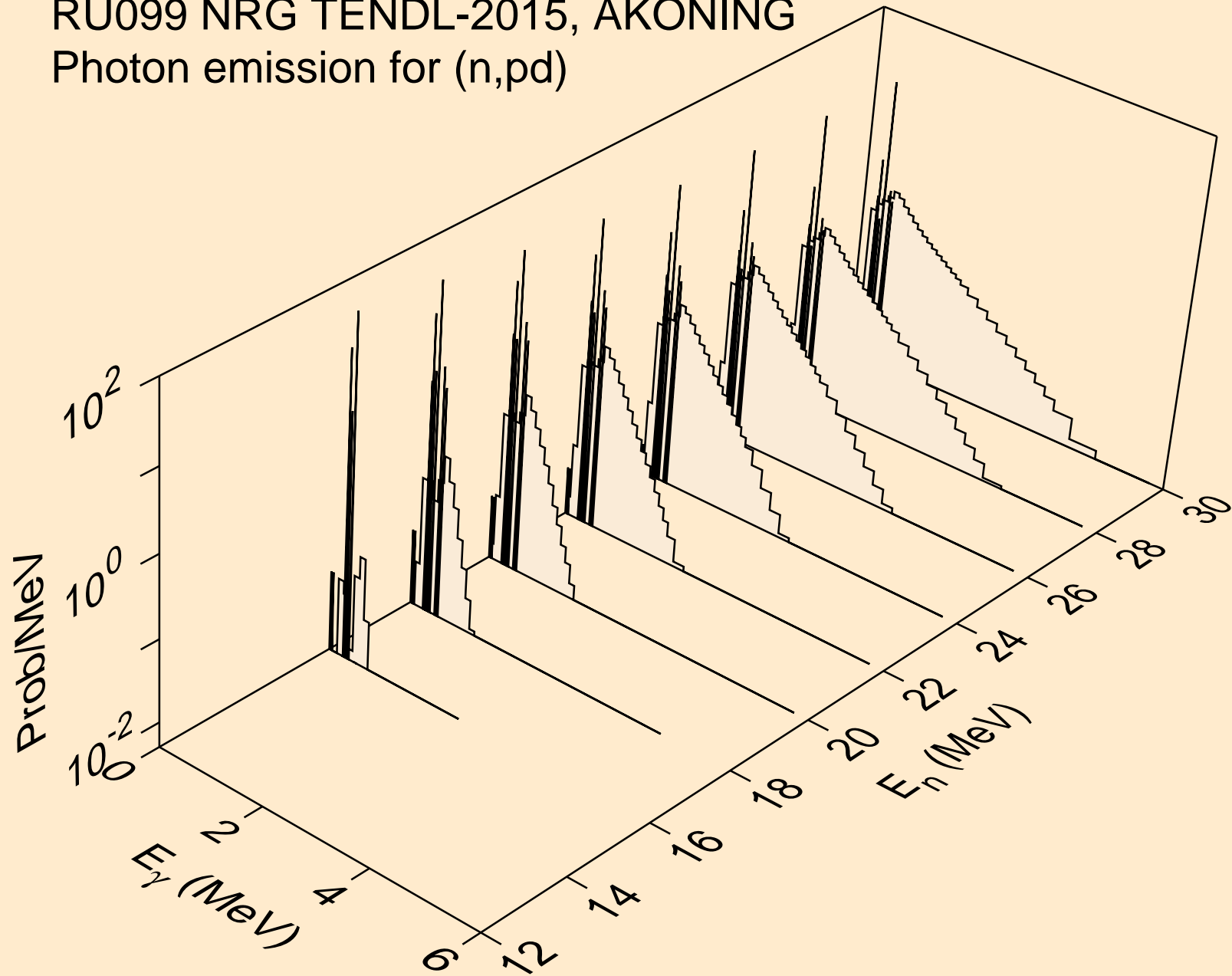
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

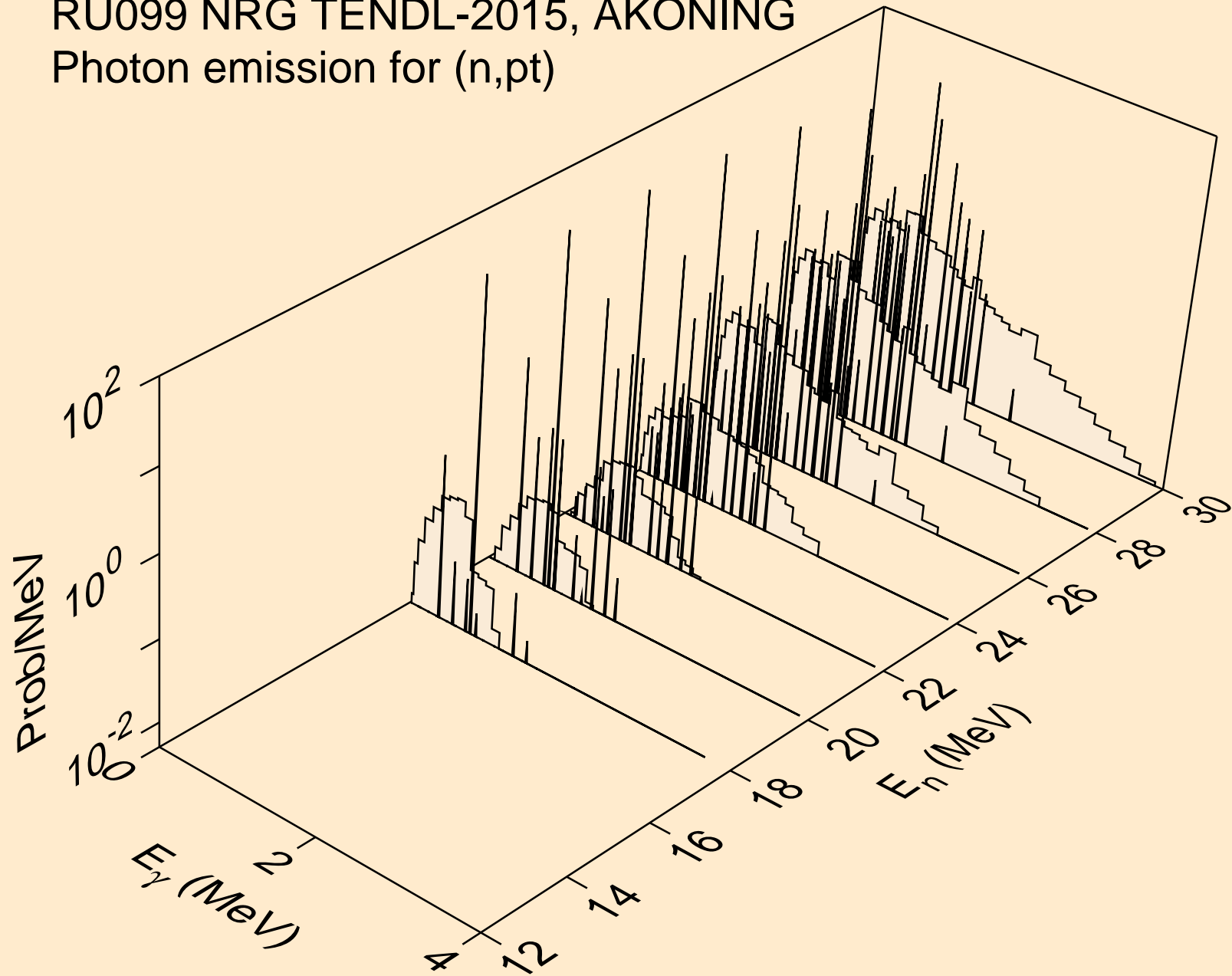


RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

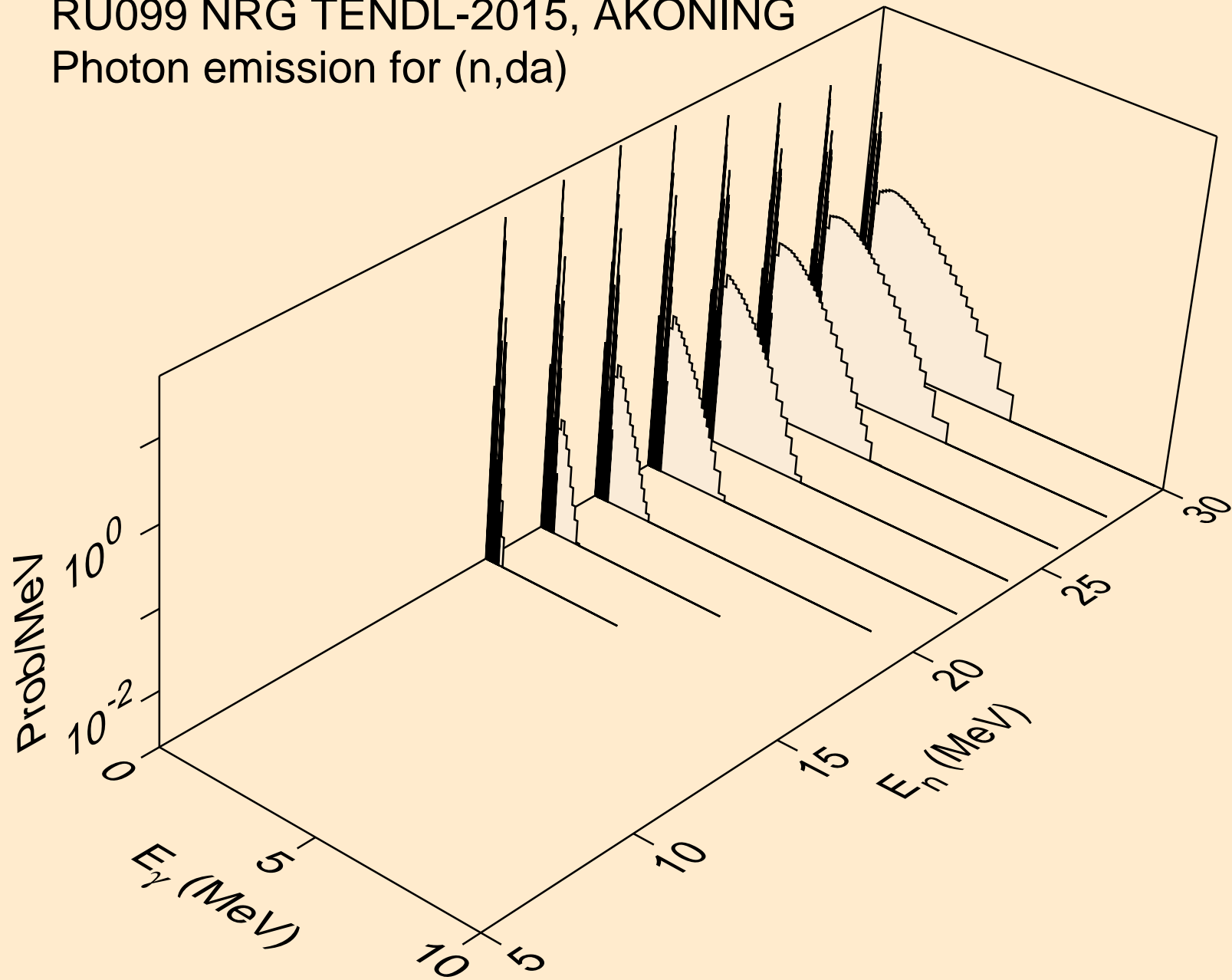




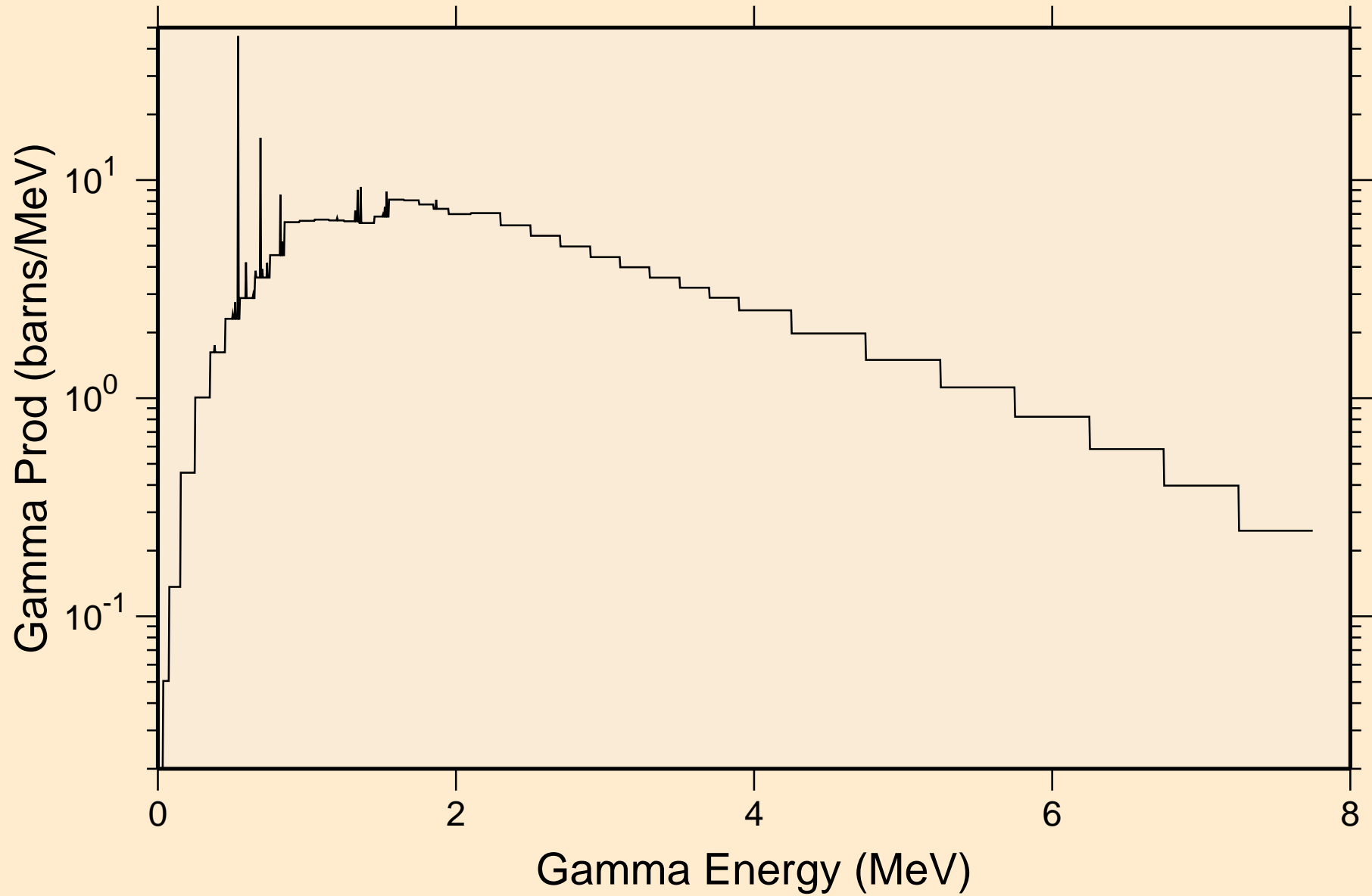
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



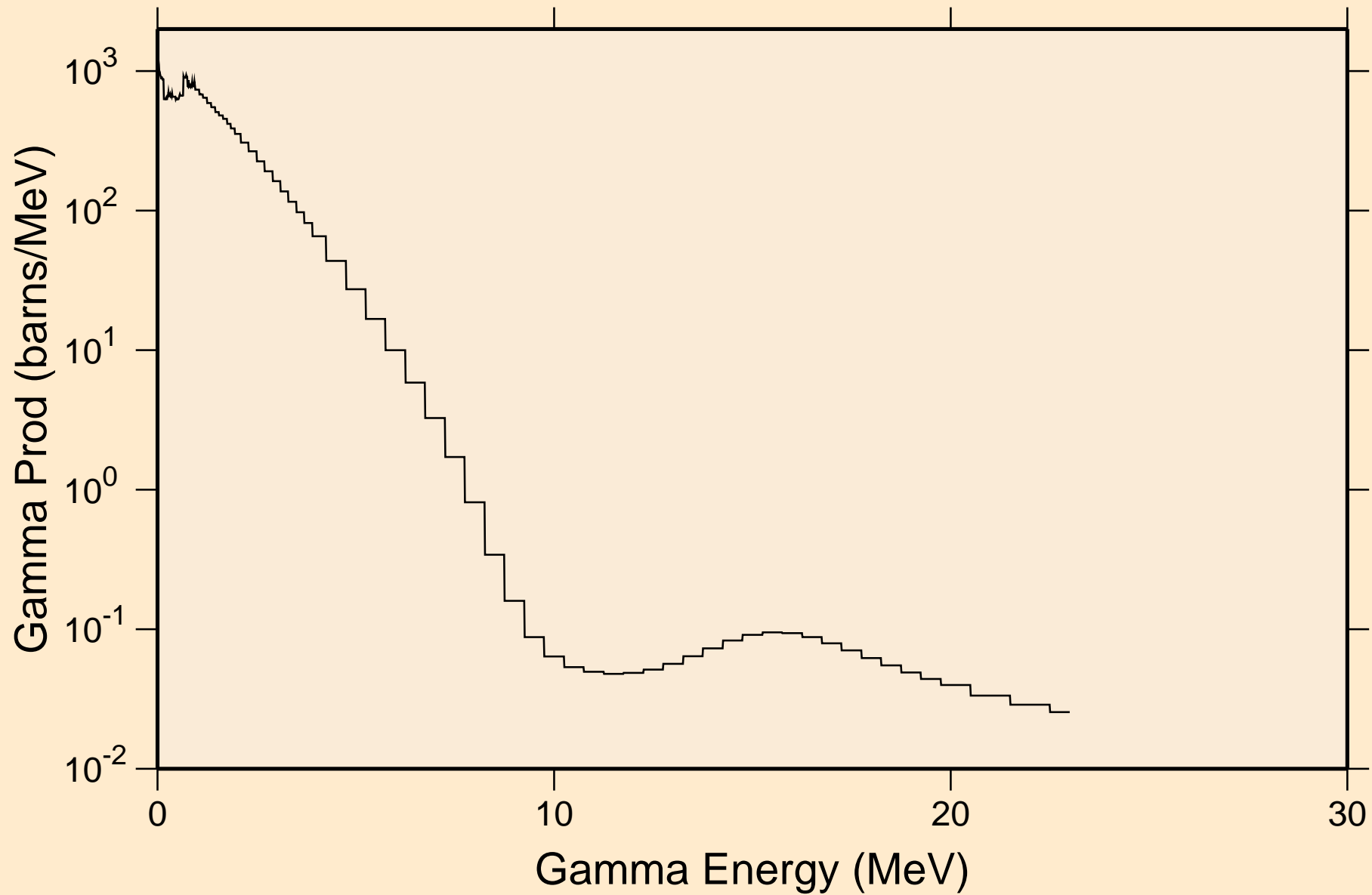
RU099 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RU099 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

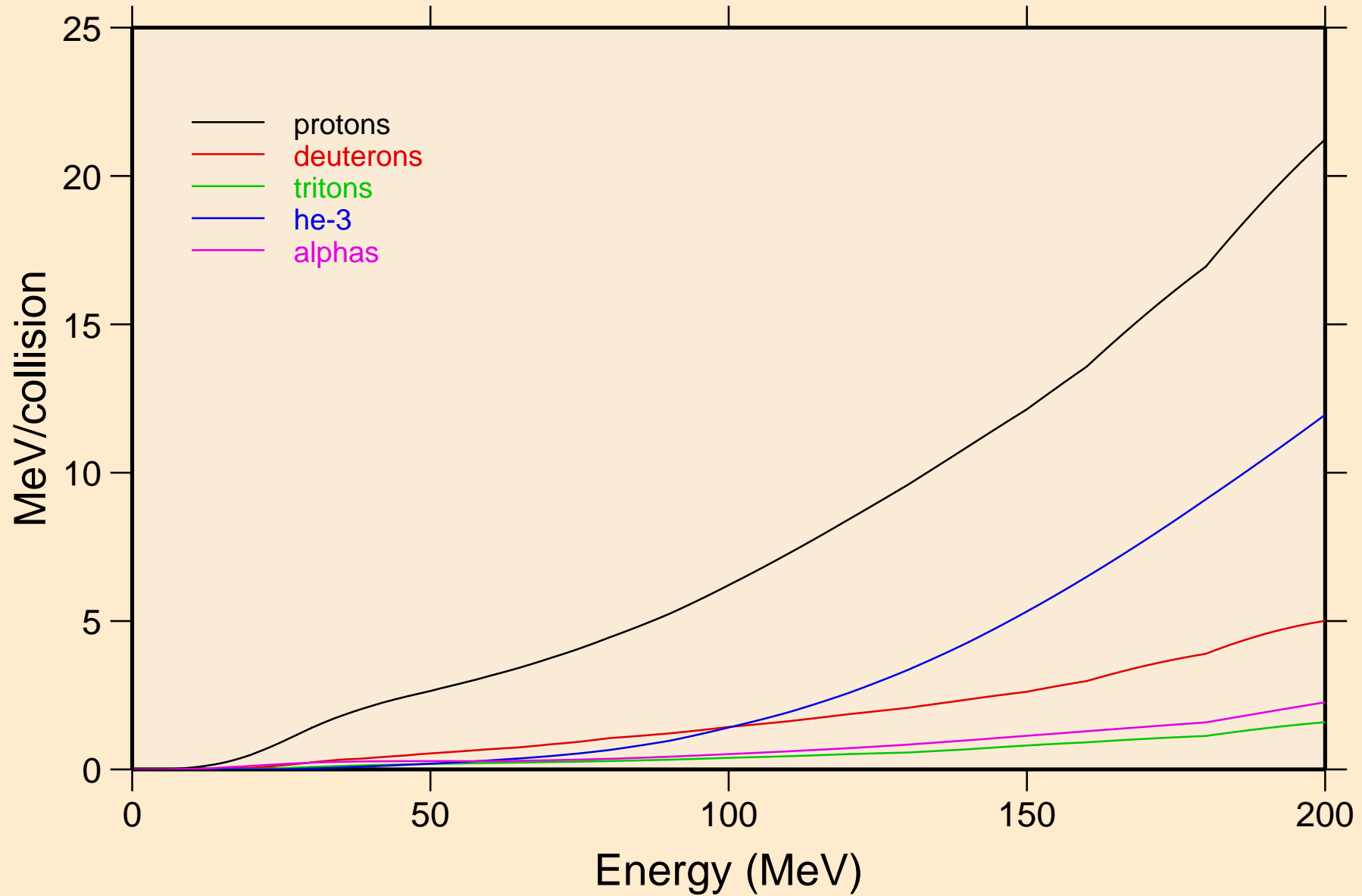


RU099 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



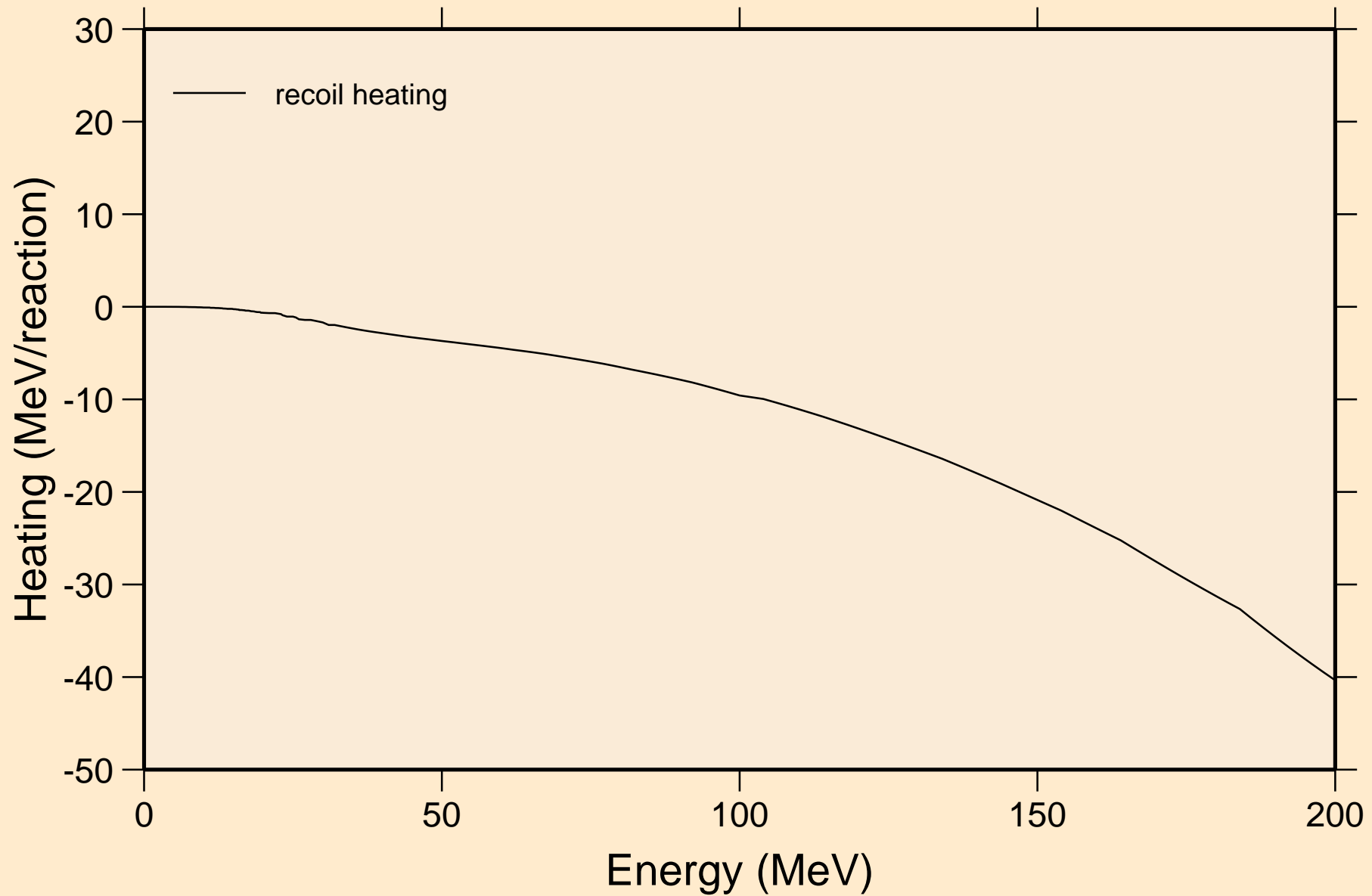
# RU099 NRG TENDL-2015, AKONING

## Particle heating contributions



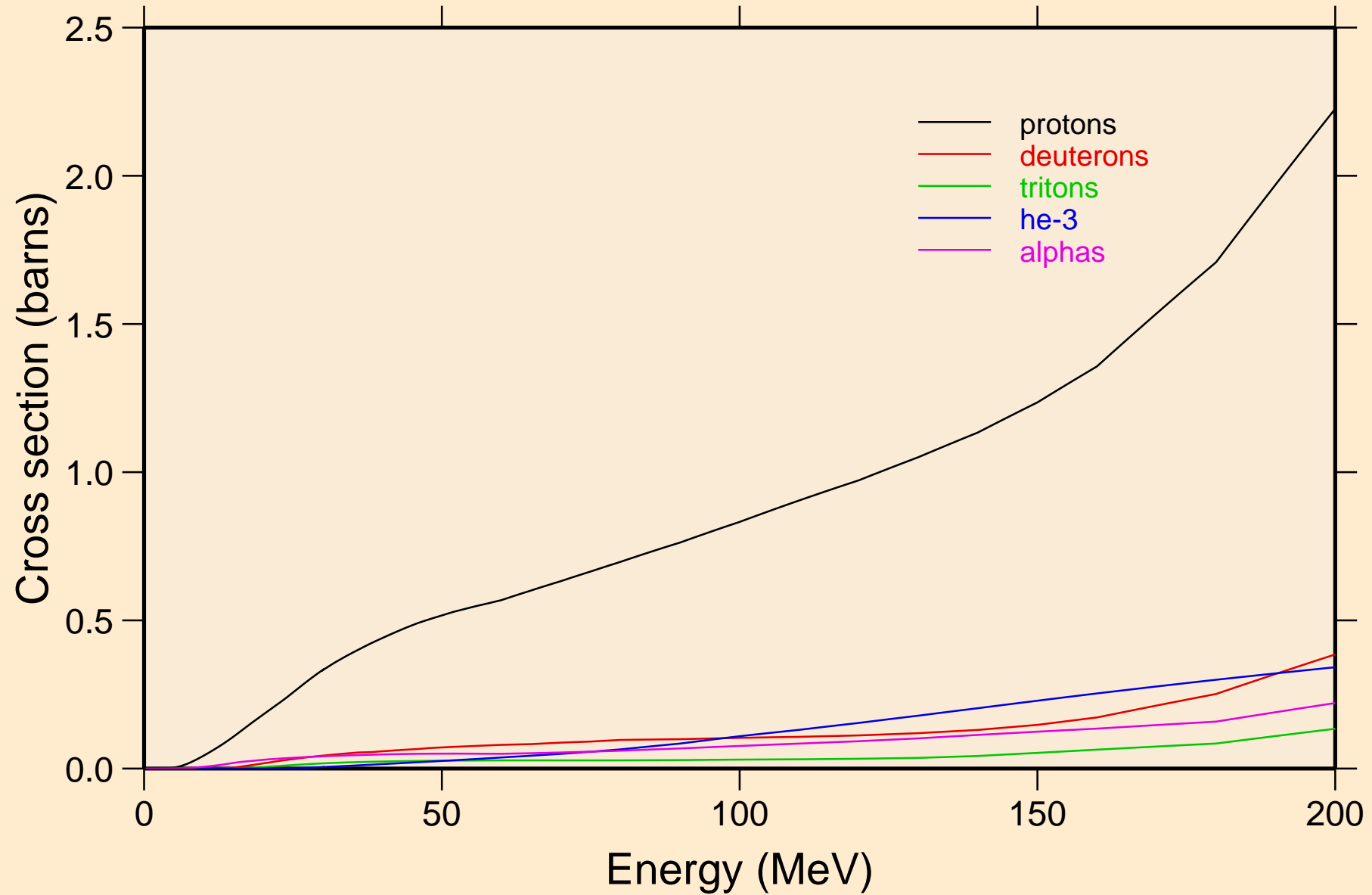
# RU099 NRG TENDL-2015, AKONING

## Recoil Heating

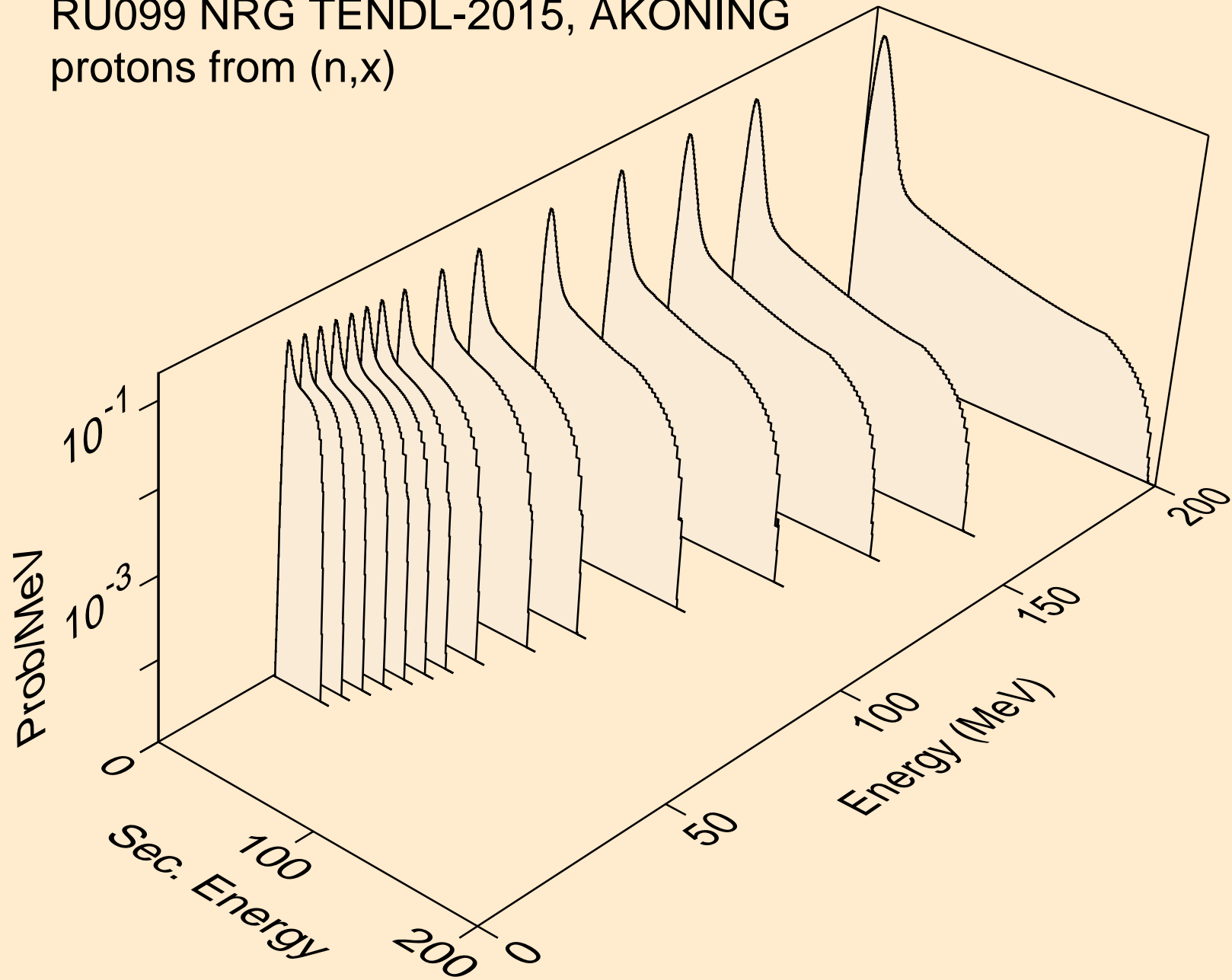


# RU099 NRG TENDL-2015, AKONING

## Particle production cross sections

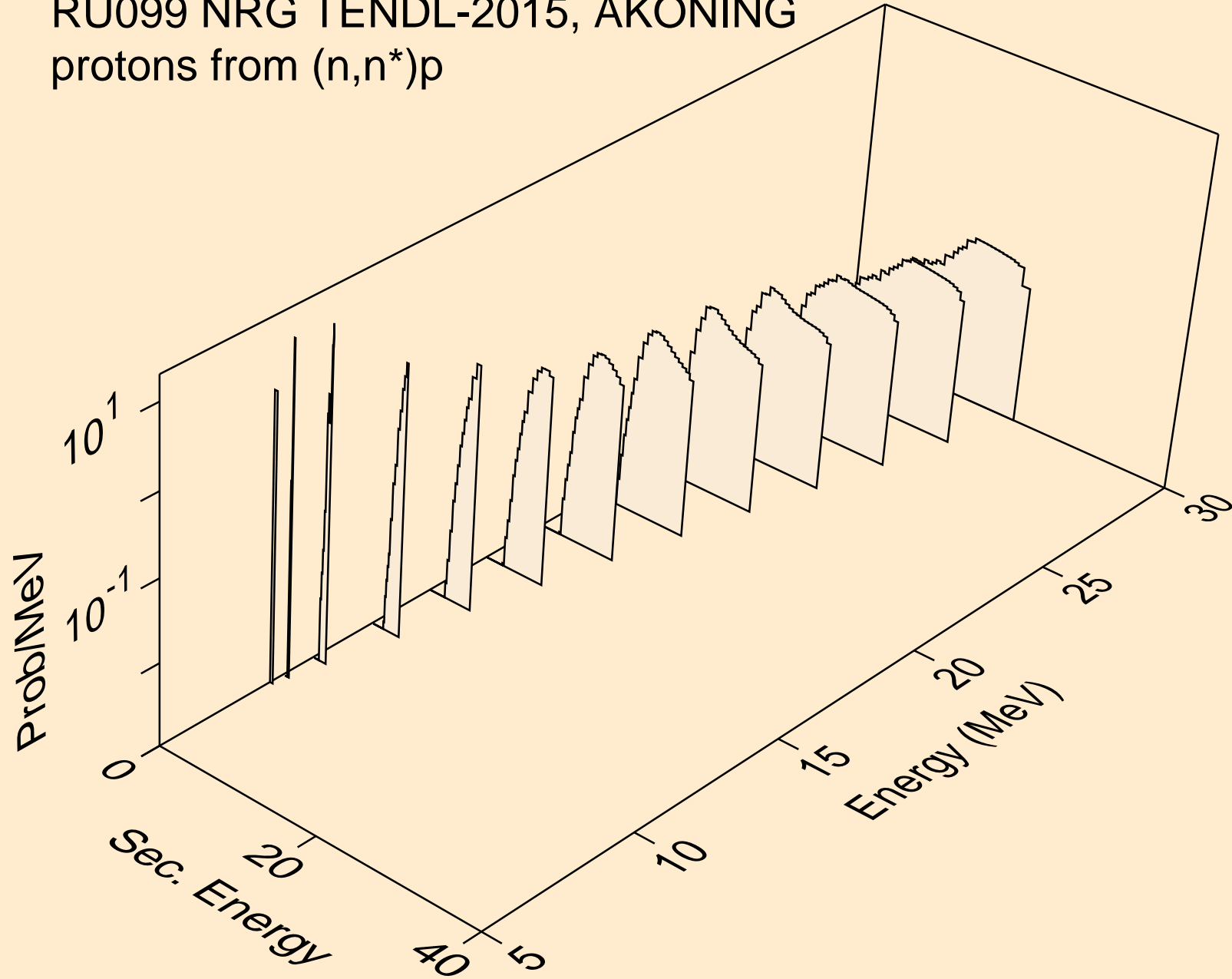


RU099 NRG TENDL-2015, AKONING  
protons from (n,x)

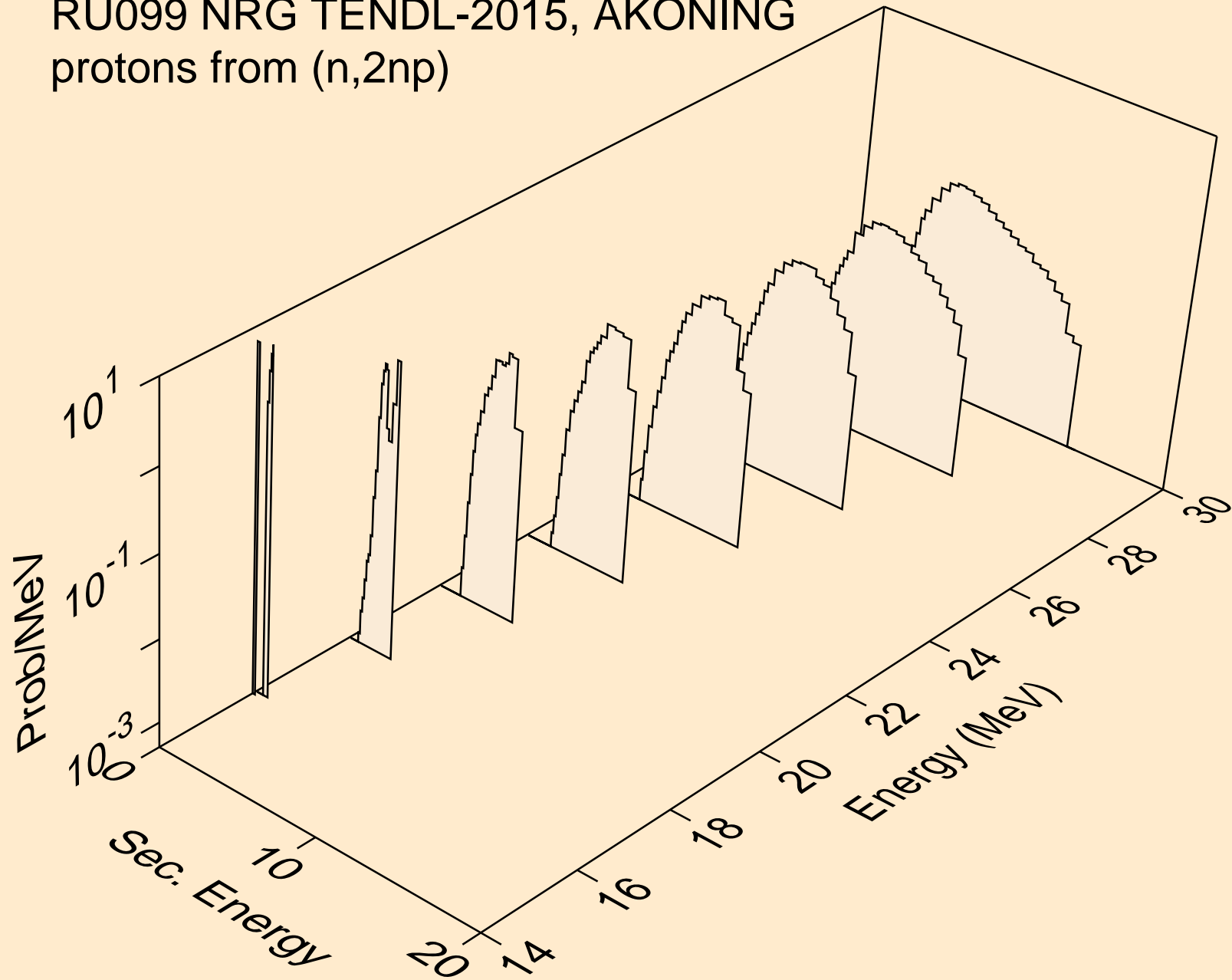




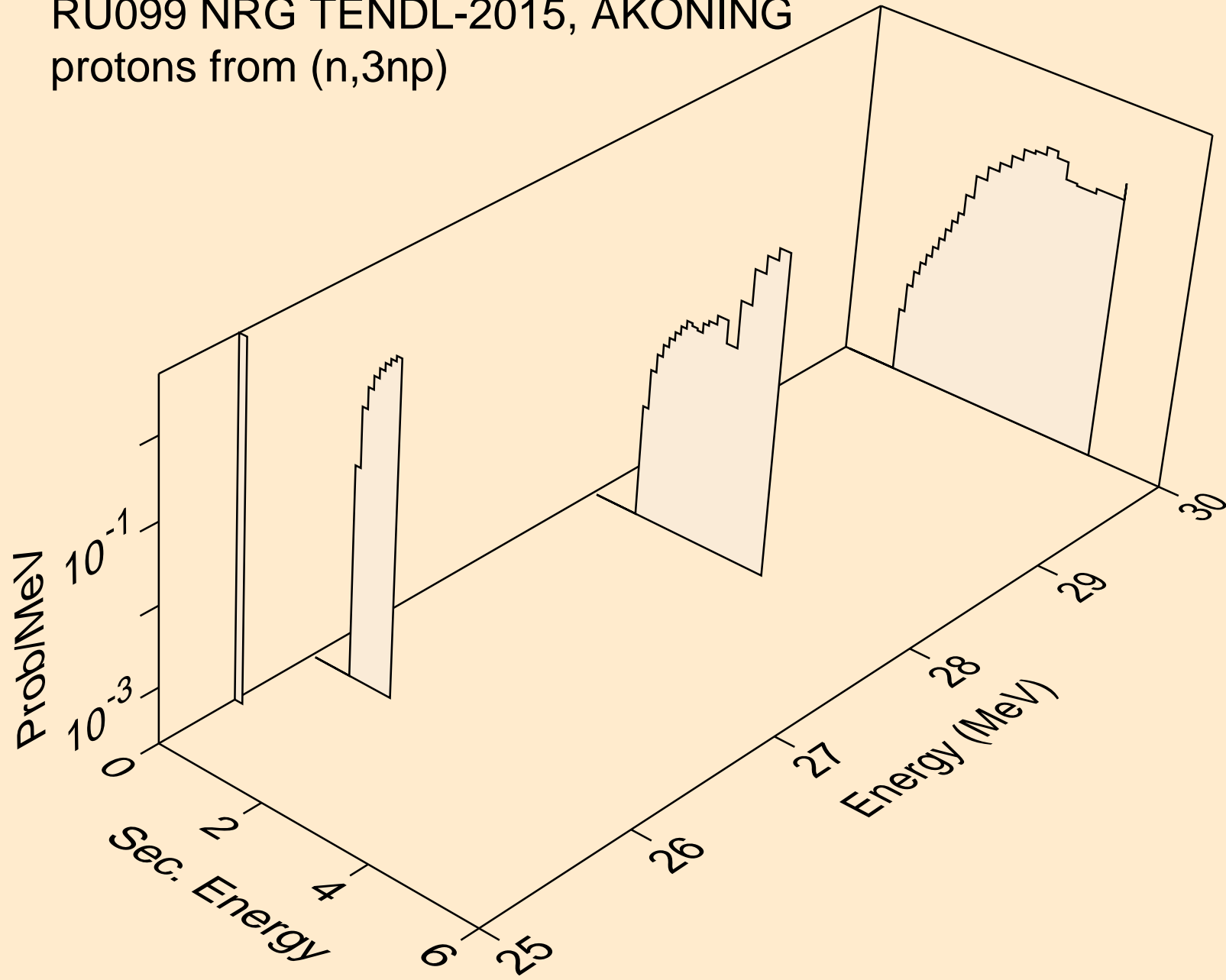
RU099 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



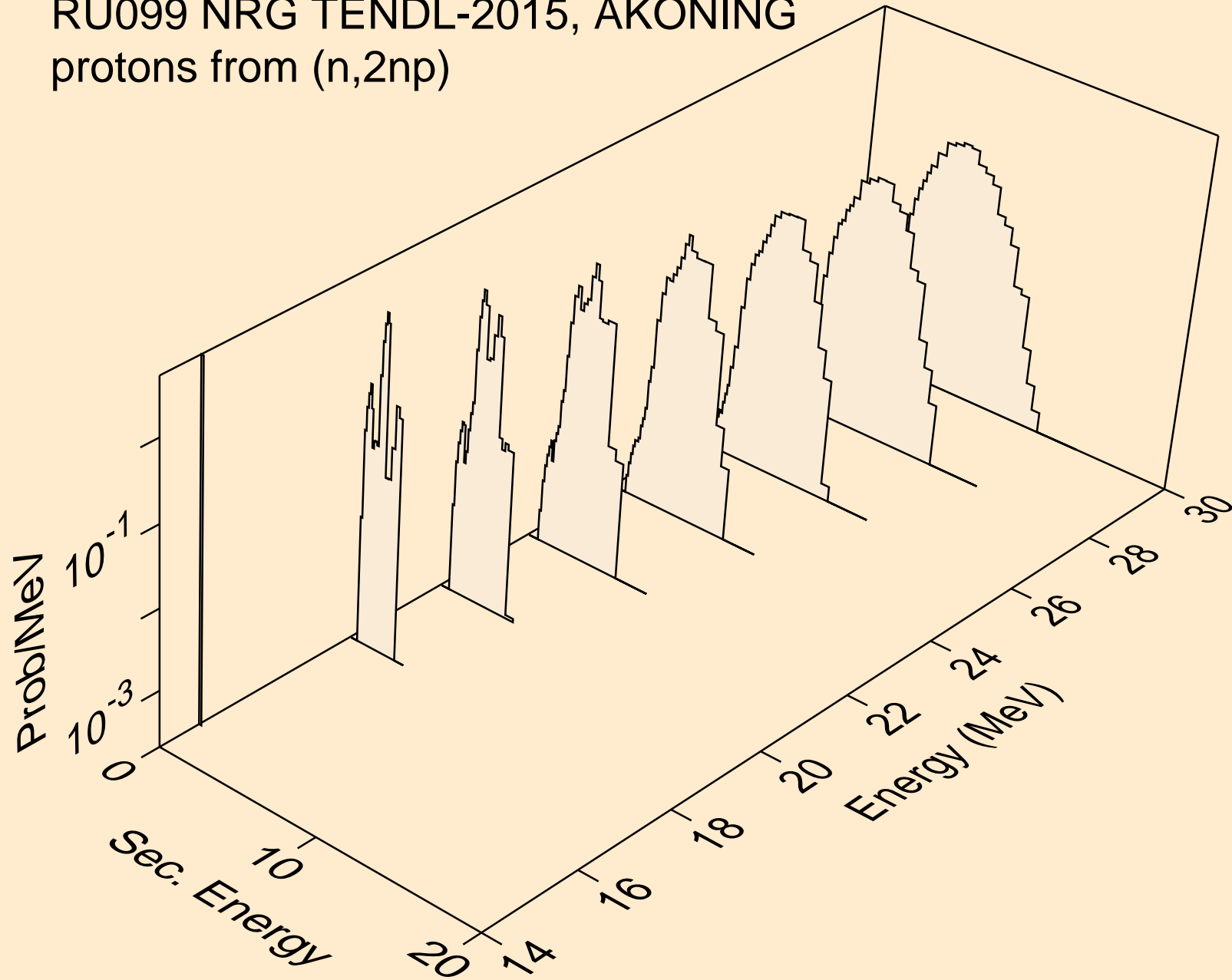
RU099 NRG TENDL-2015, AKONING  
protons from (n,2np)



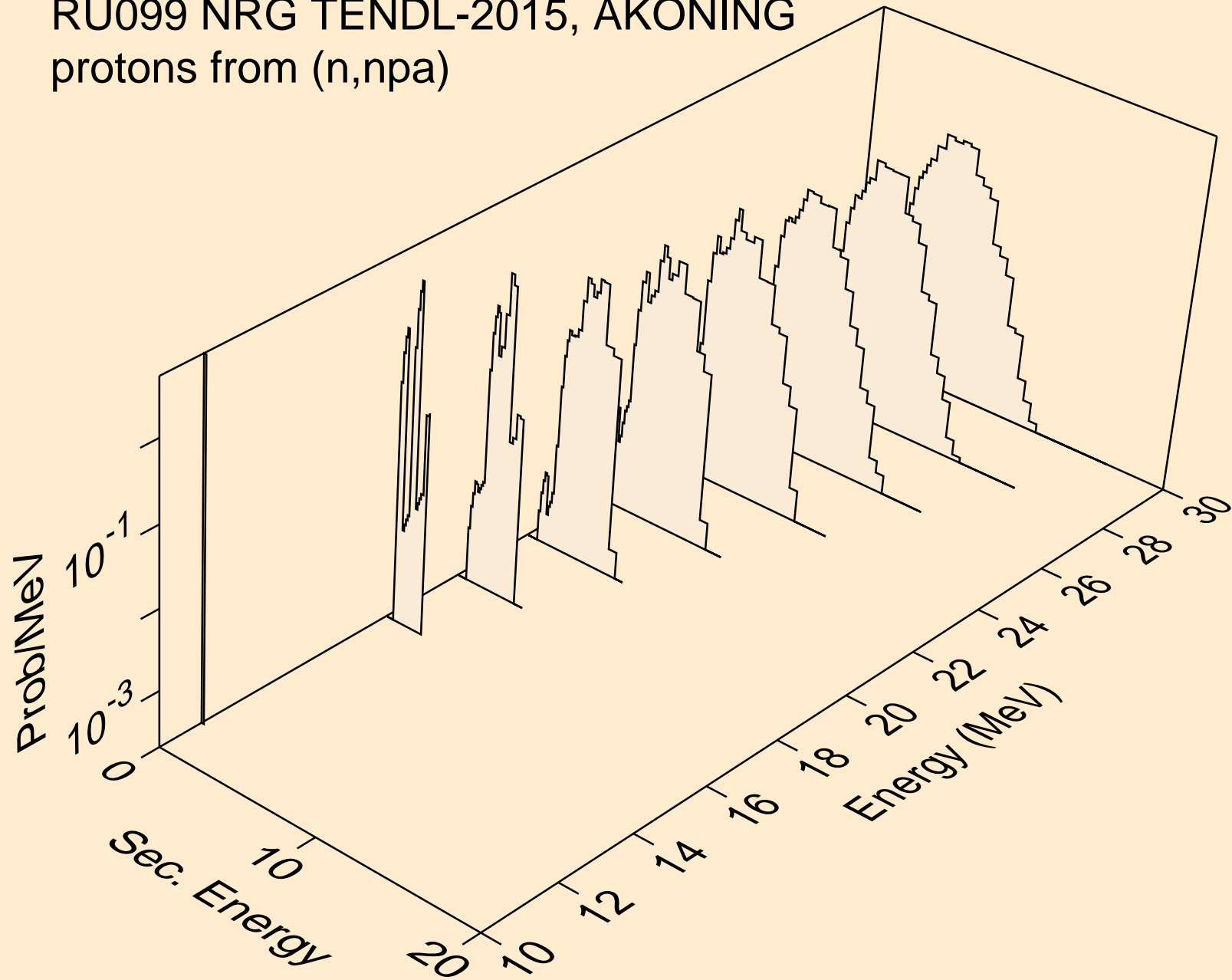
RU099 NRG TENDL-2015, AKONING  
protons from (n,3np)



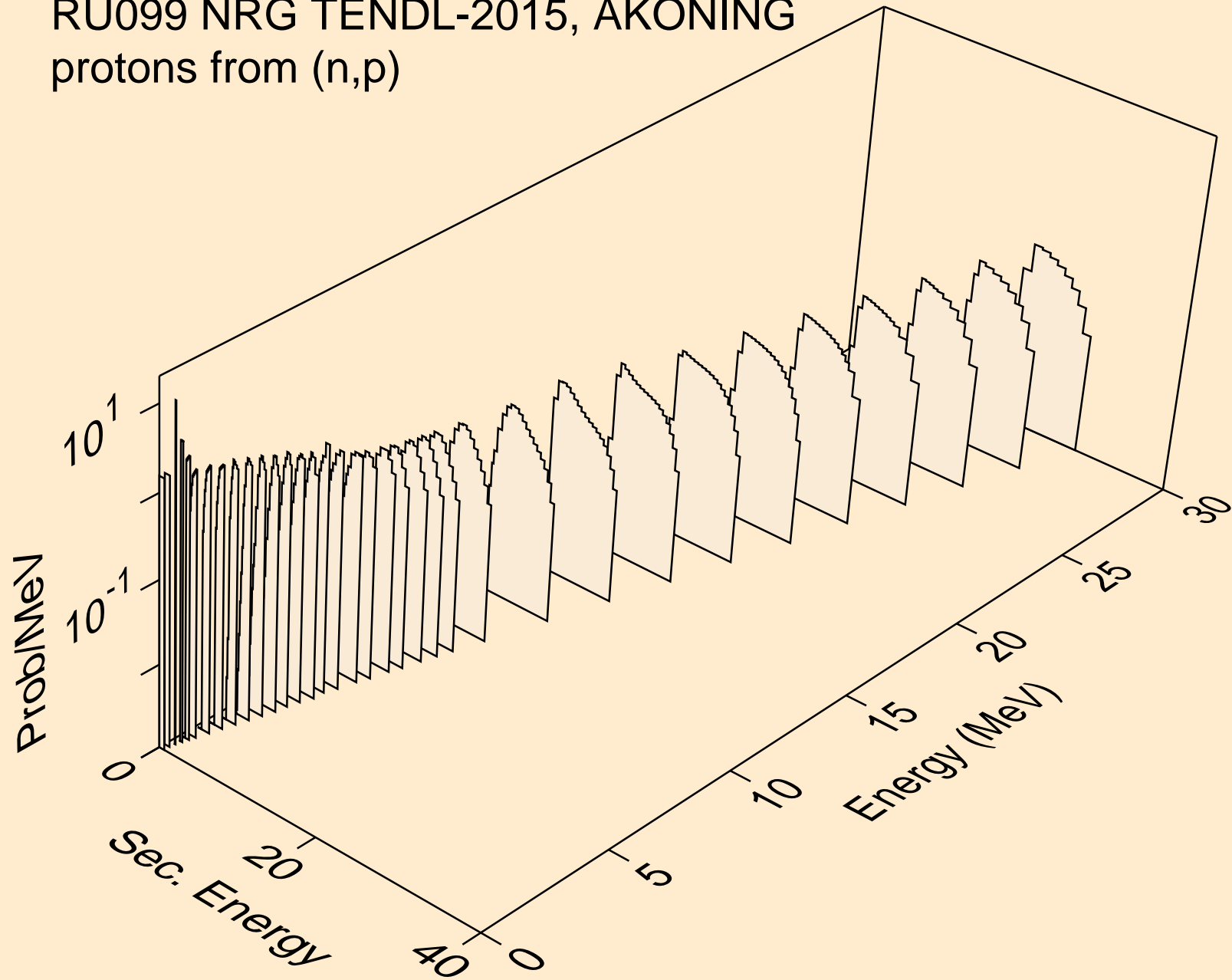
RU099 NRG TENDL-2015, AKONING  
protons from (n,2np)



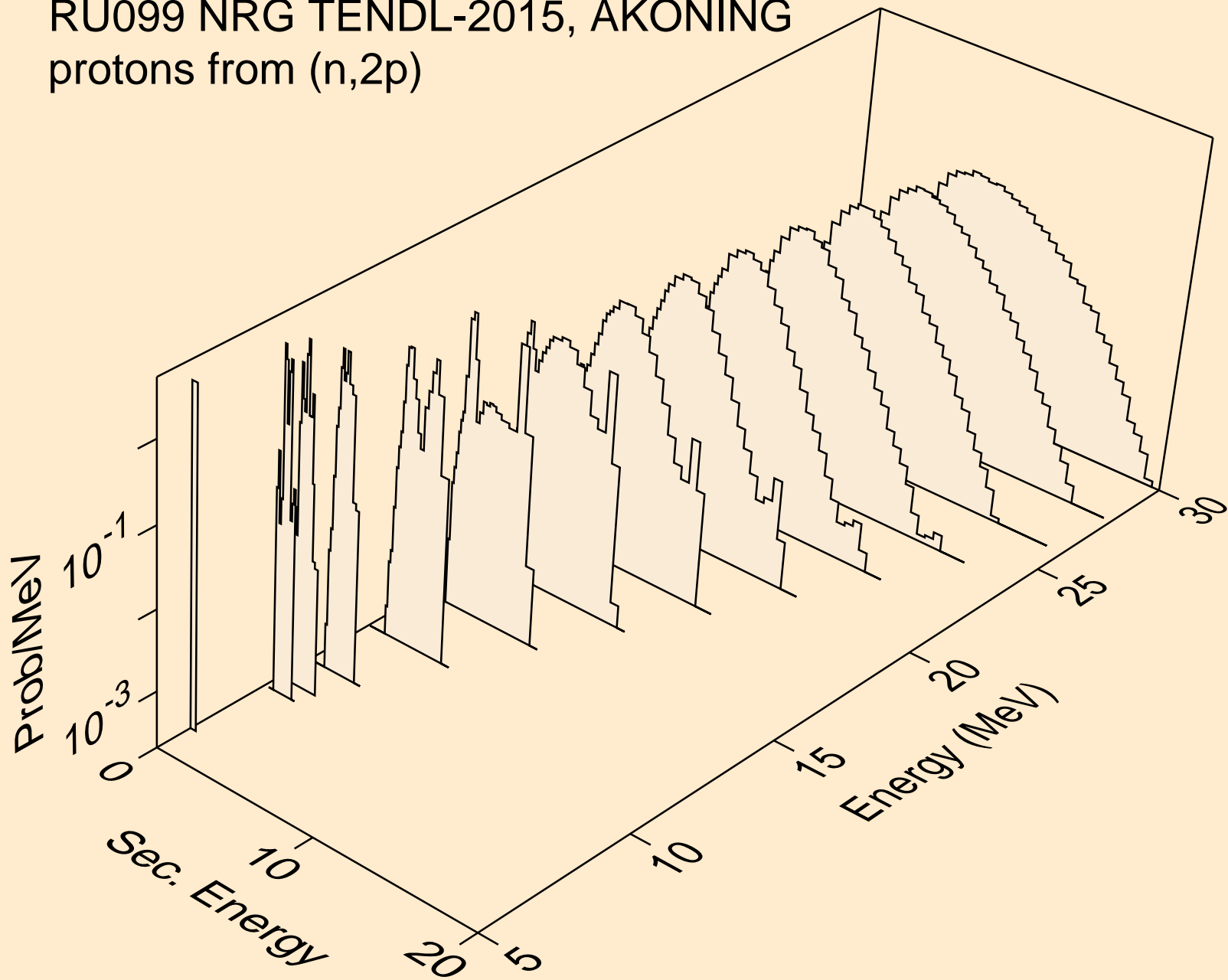
RU099 NRG TENDL-2015, AKONING  
protons from (n,npa)



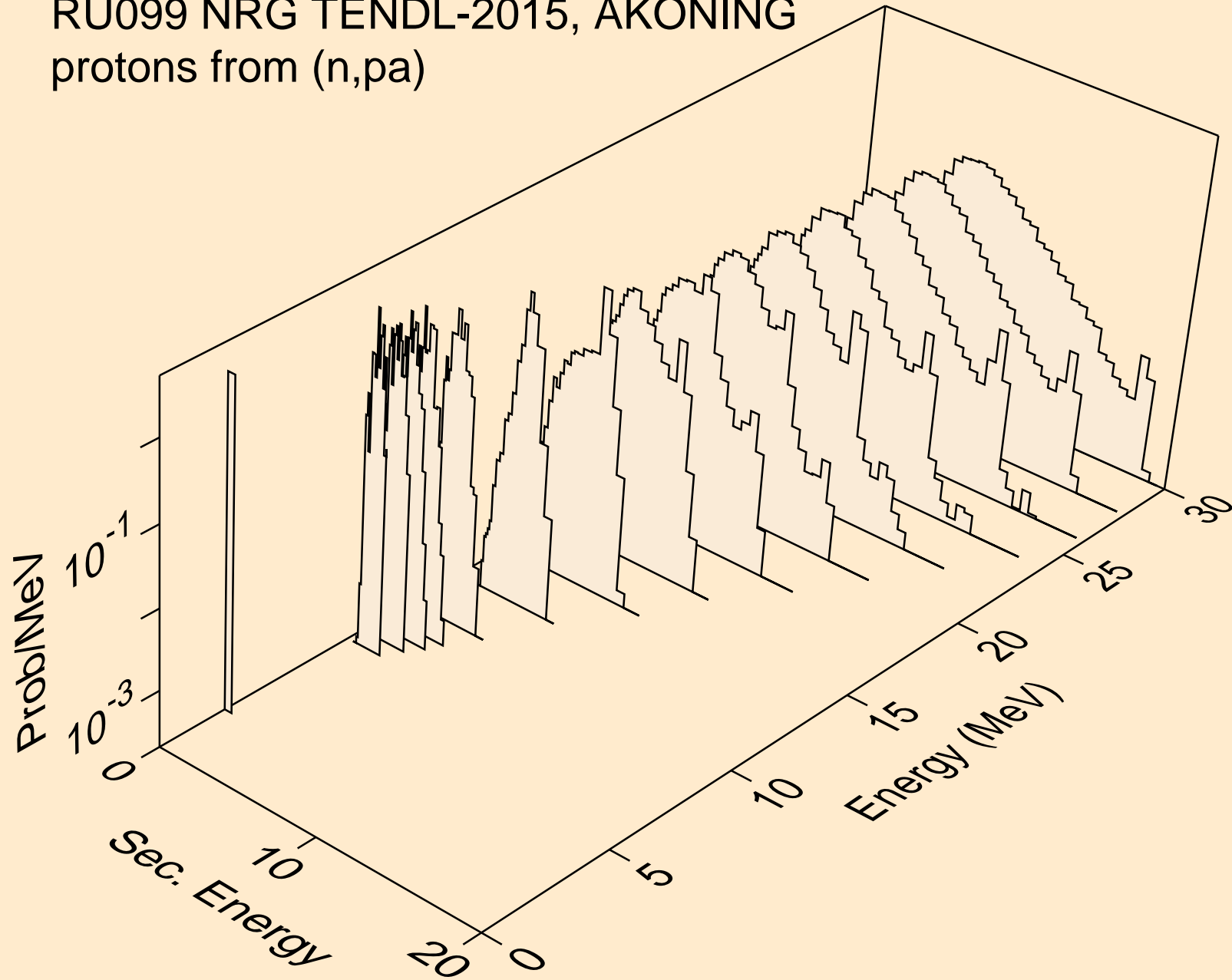
RU099 NRG TENDL-2015, AKONING  
protons from (n,p)



RU099 NRG TENDL-2015, AKONING  
protons from (n,2p)

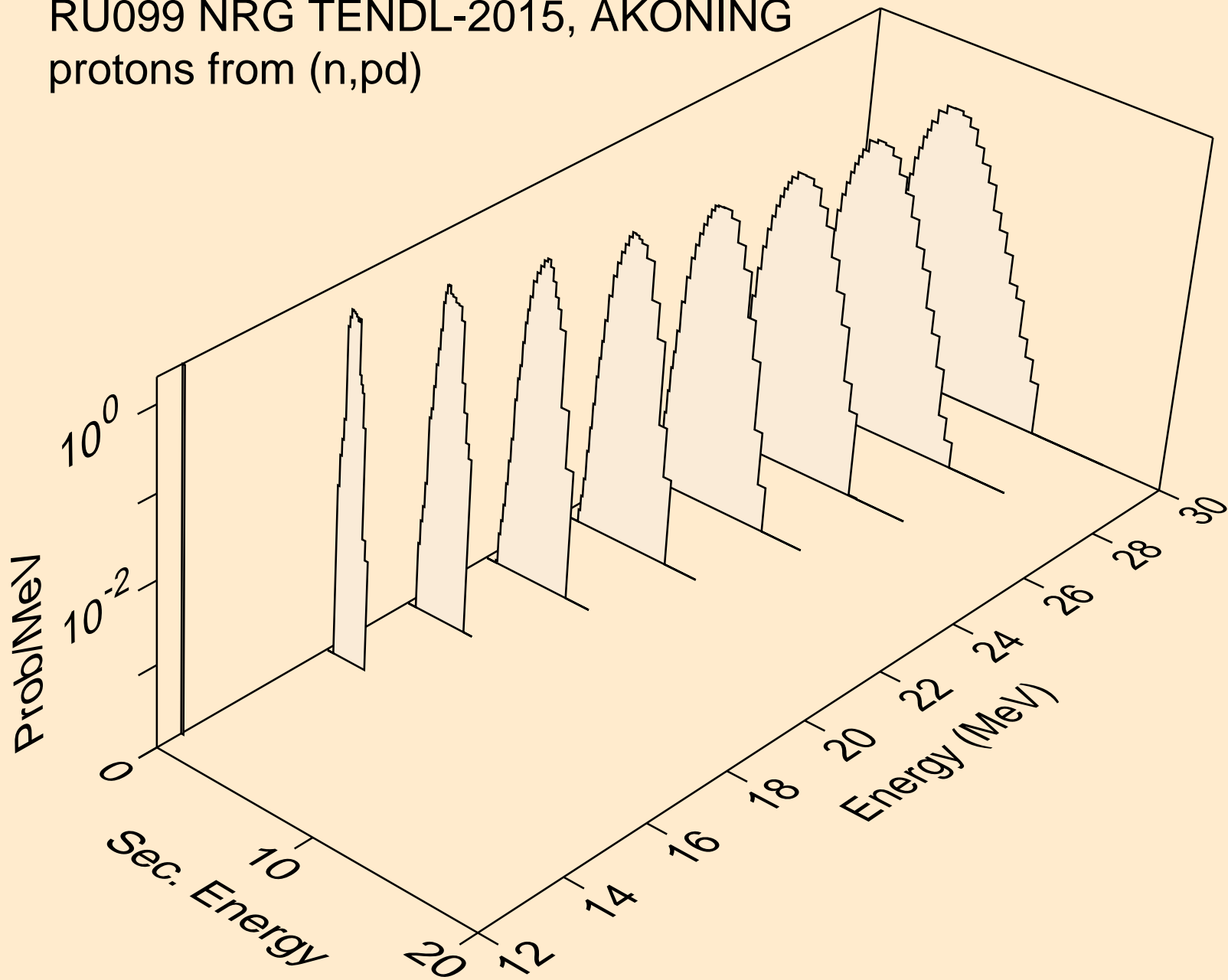


RU099 NRG TENDL-2015, AKONING  
protons from (n,pa)

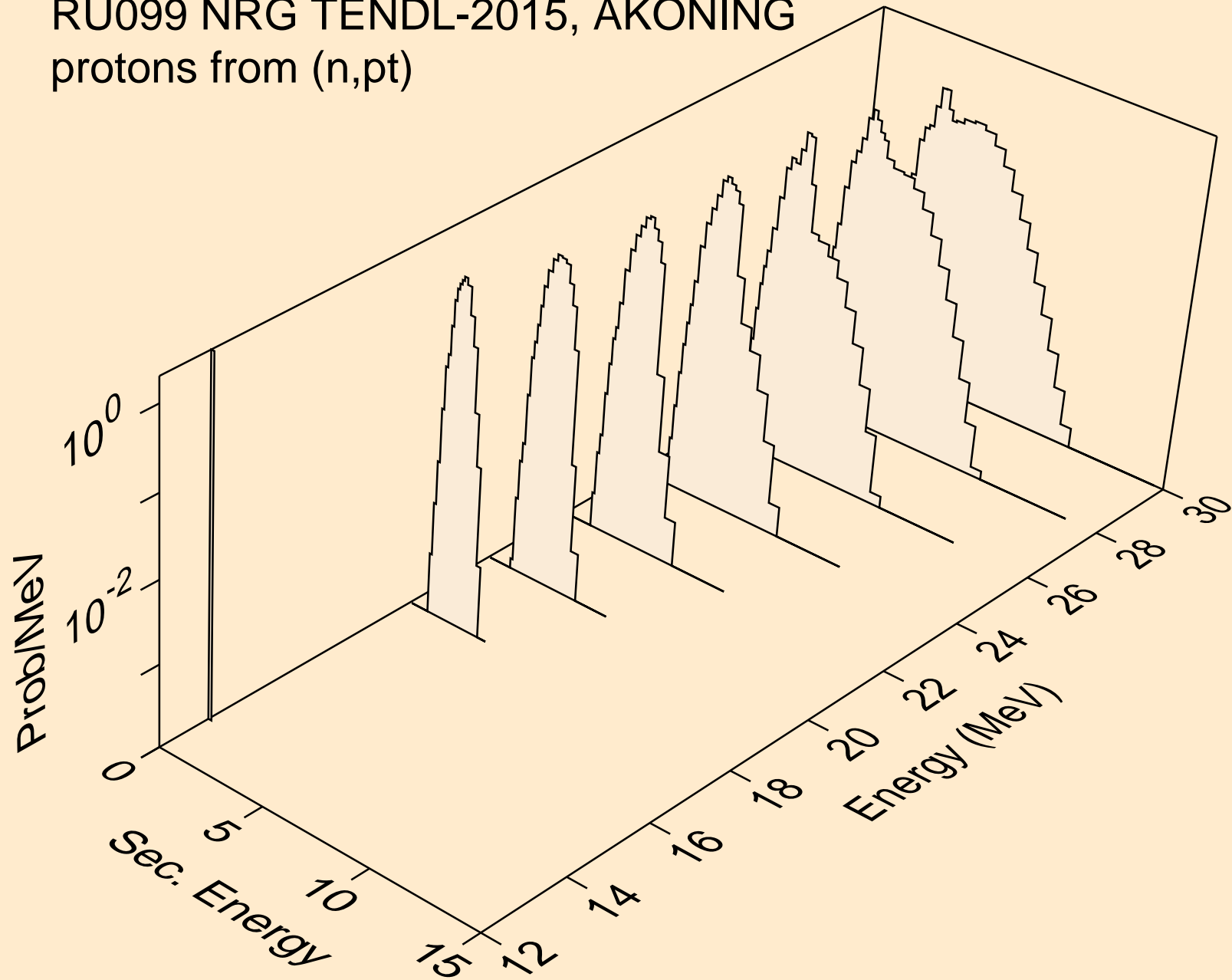




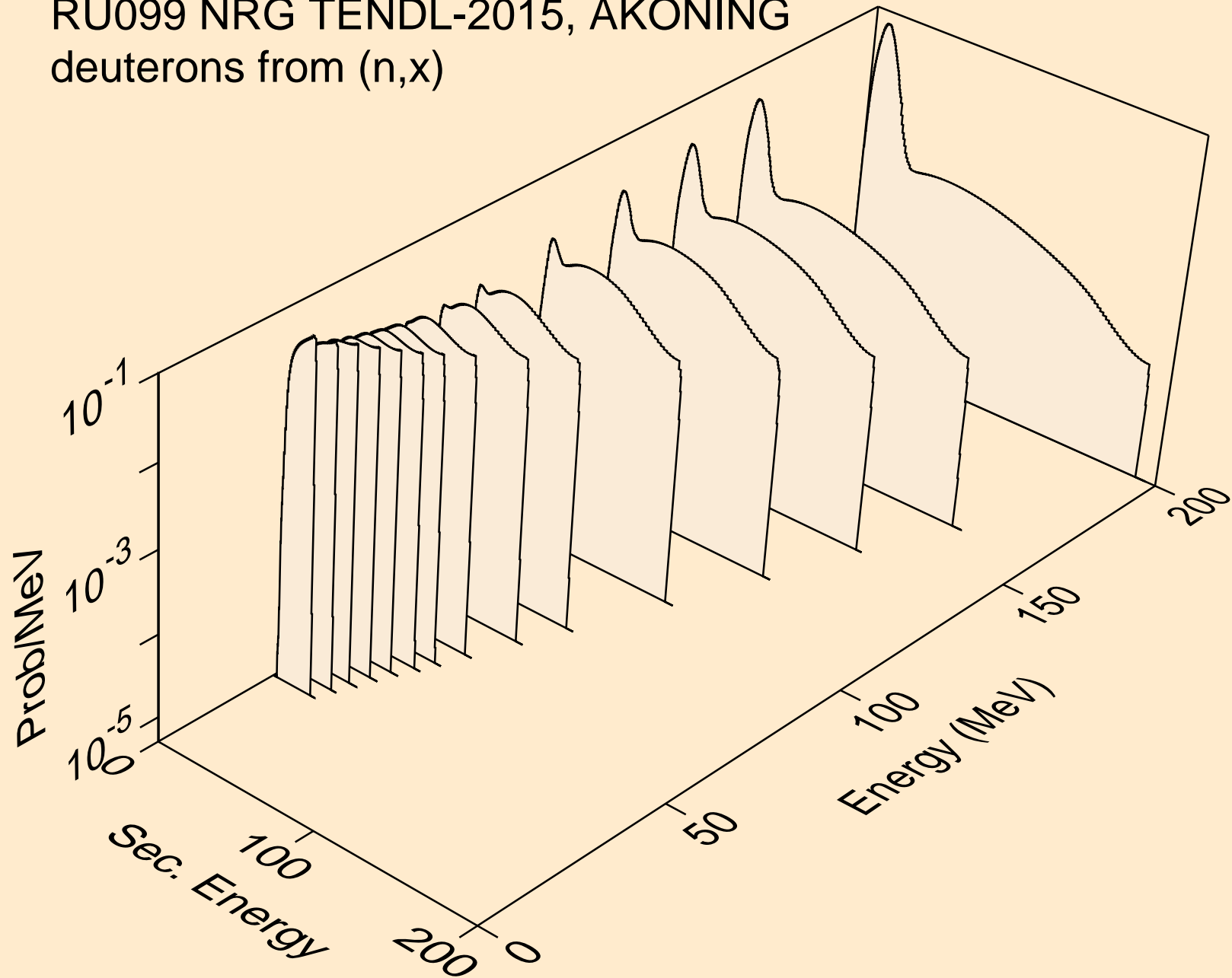
RU099 NRG TENDL-2015, AKONING  
protons from (n,pd)



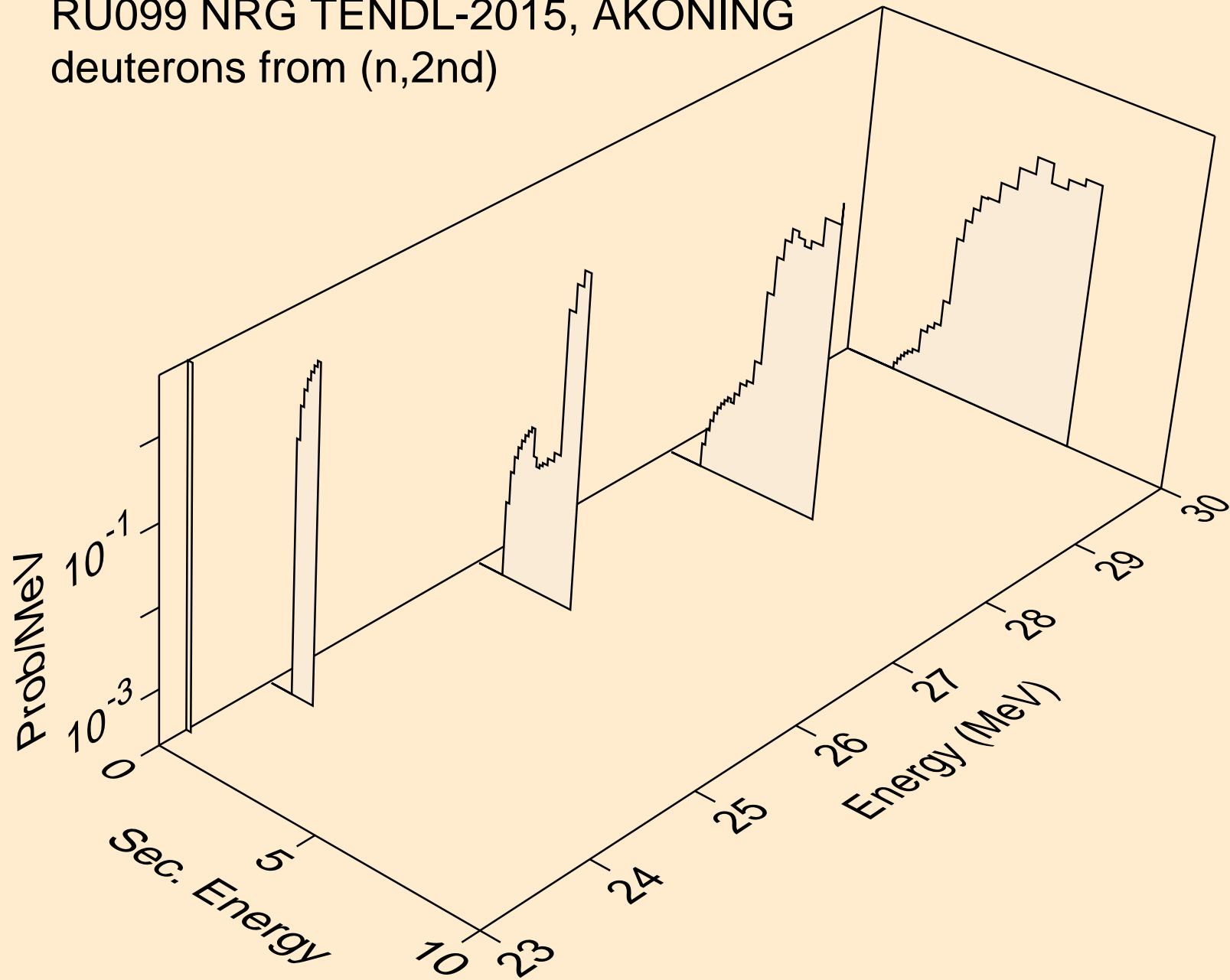
RU099 NRG TENDL-2015, AKONING  
protons from (n,pt)



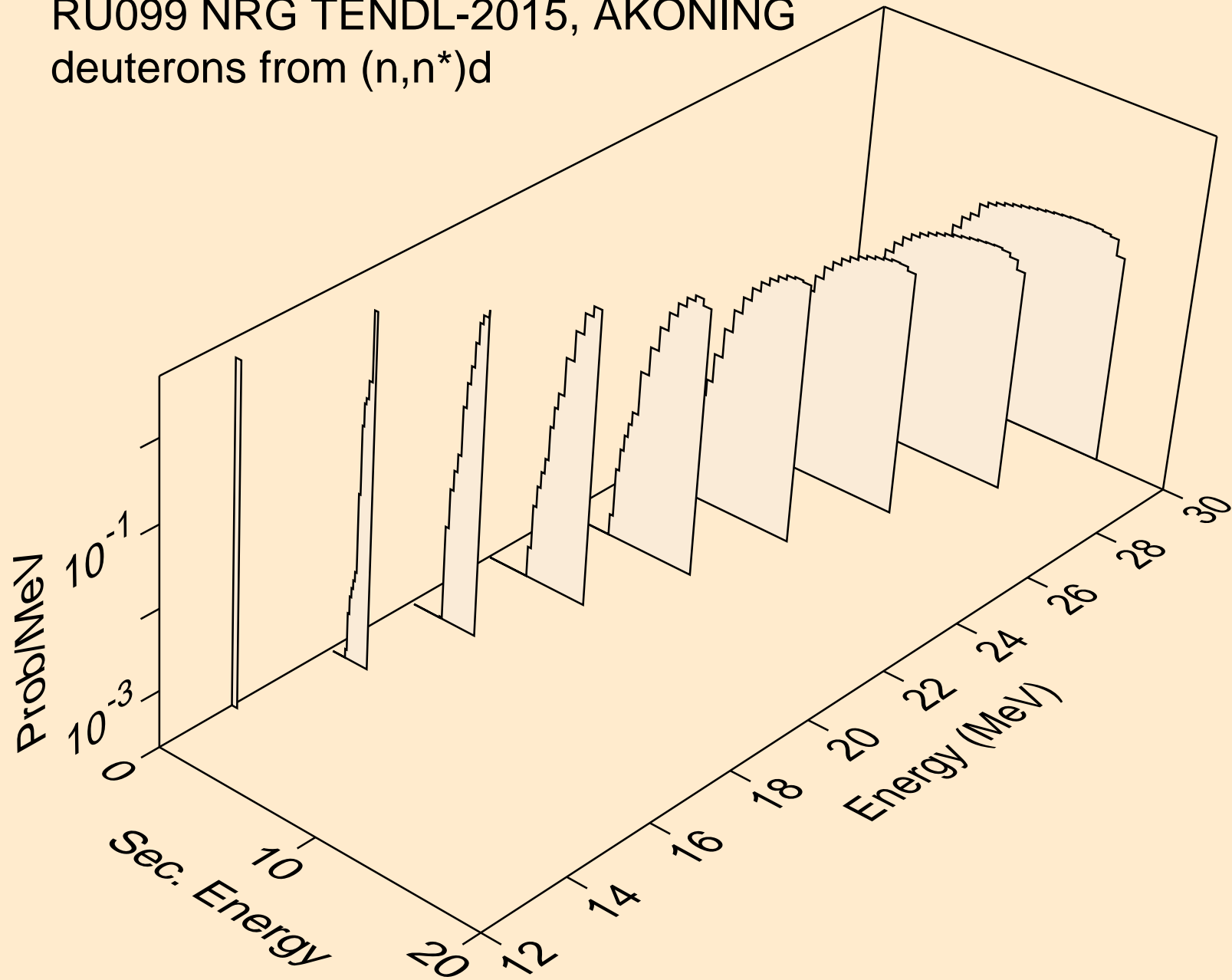
RU099 NRG TENDL-2015, AKONING  
deuterons from (n,x)



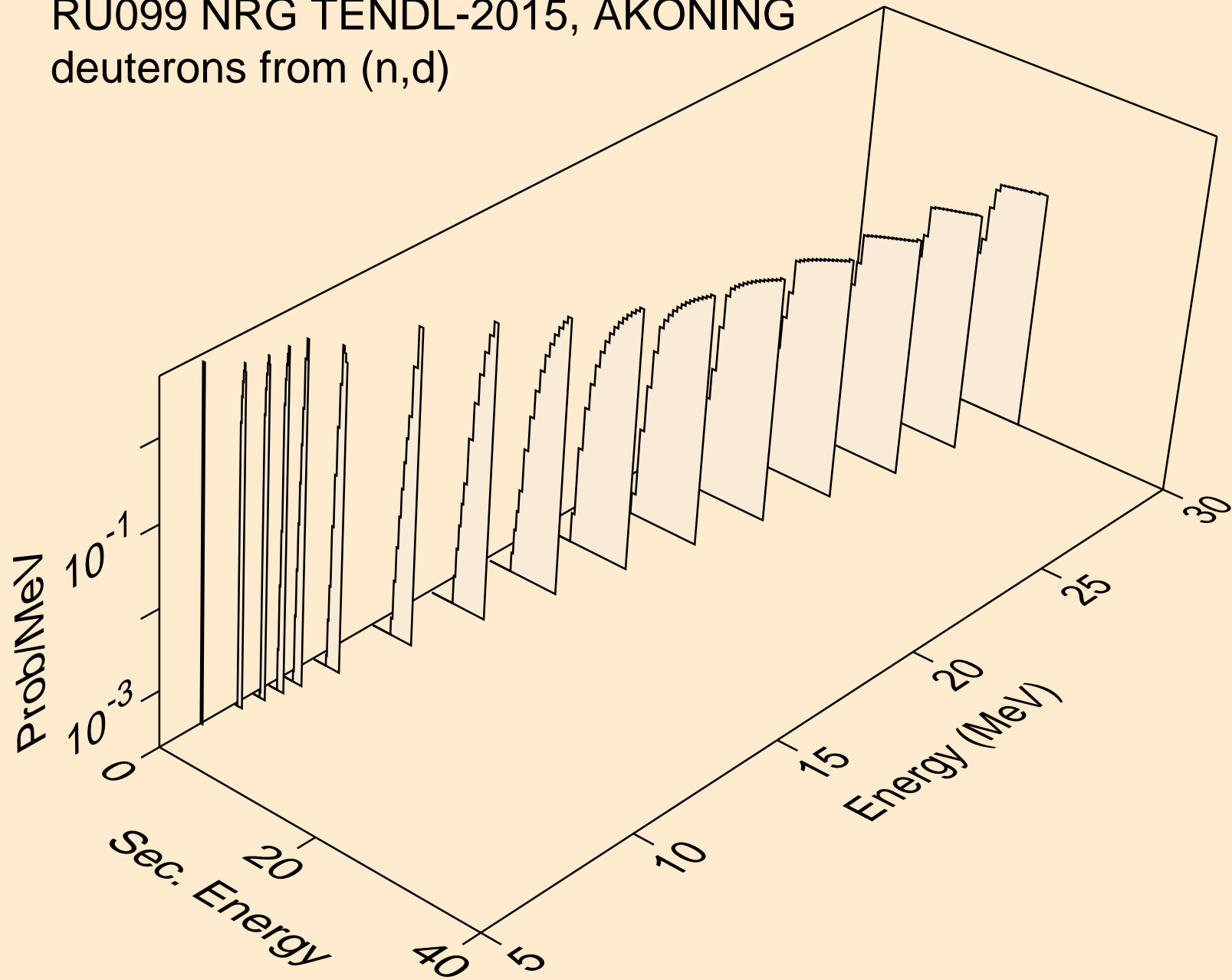
RU099 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



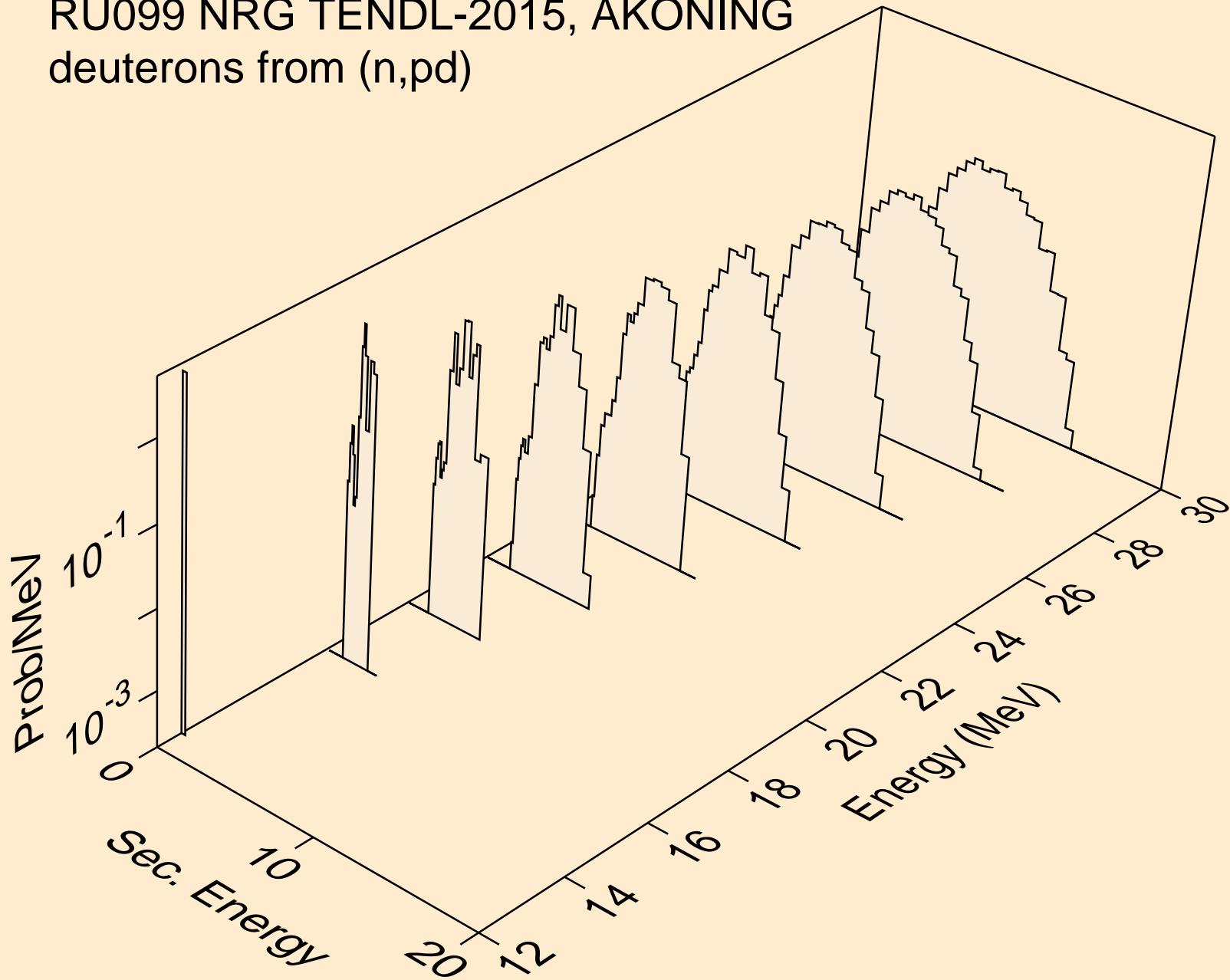
RU099 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



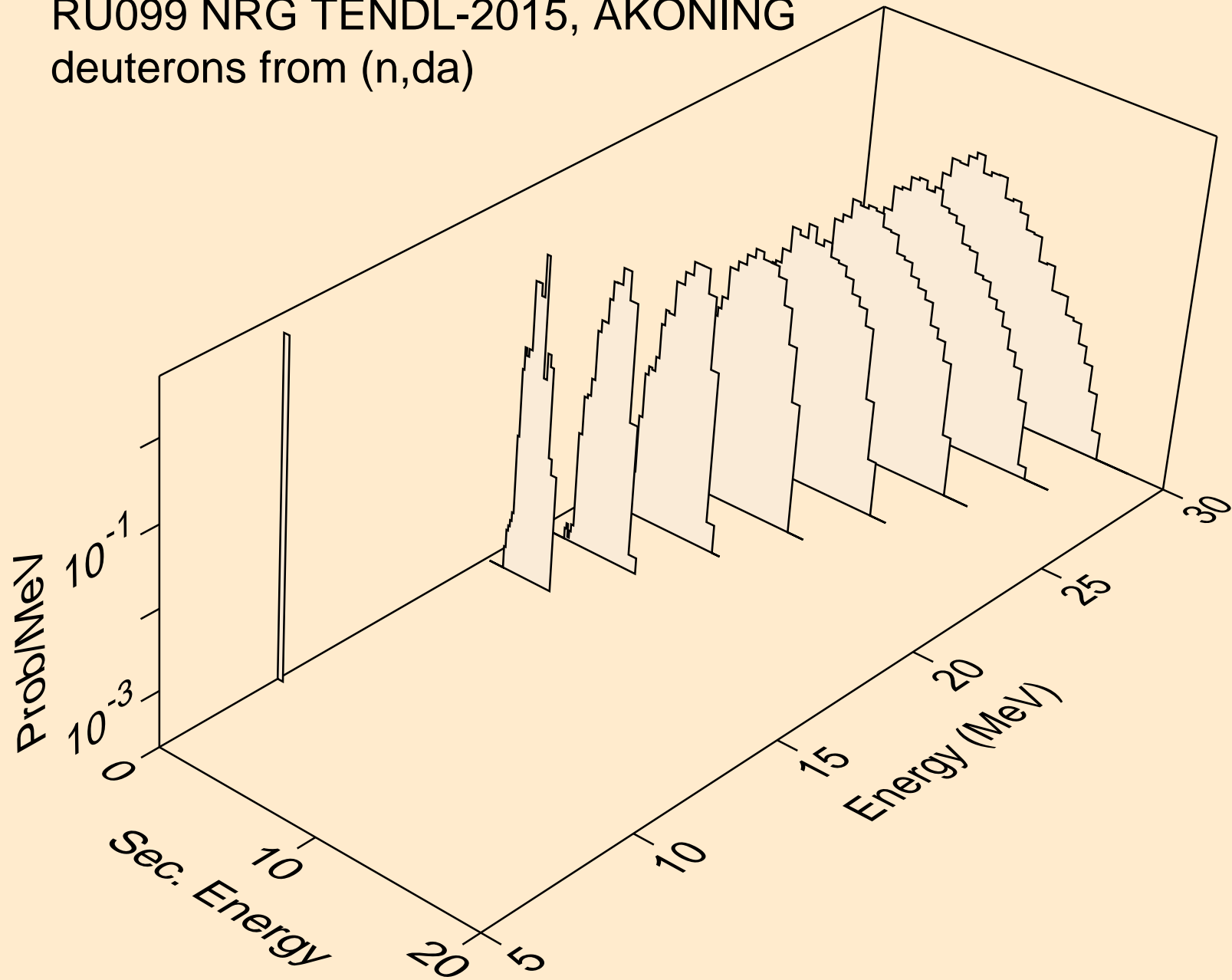
RU099 NRG TENDL-2015, AKONING  
deuterons from (n,d)



RU099 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

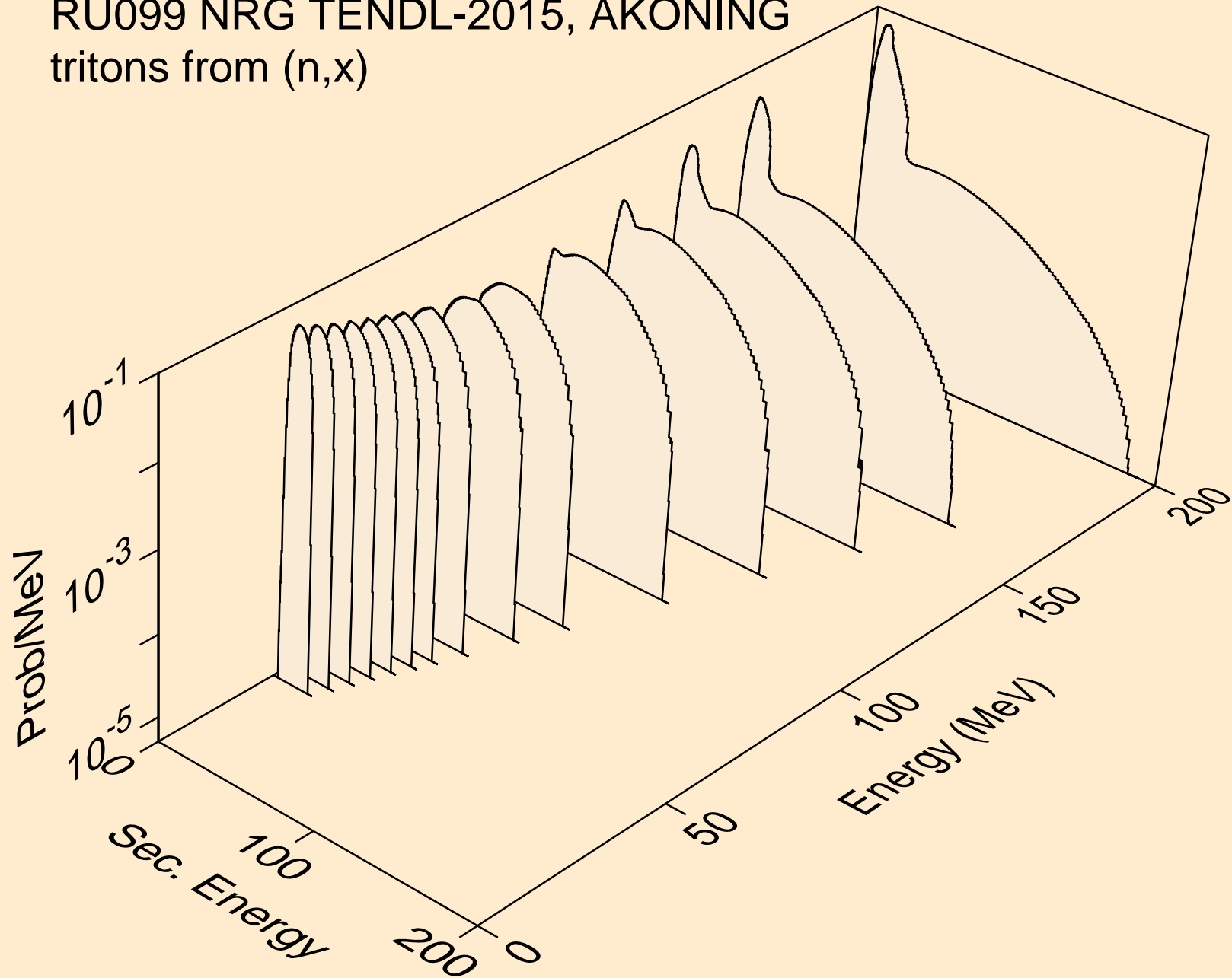


RU099 NRG TENDL-2015, AKONING  
deuterons from (n,da)

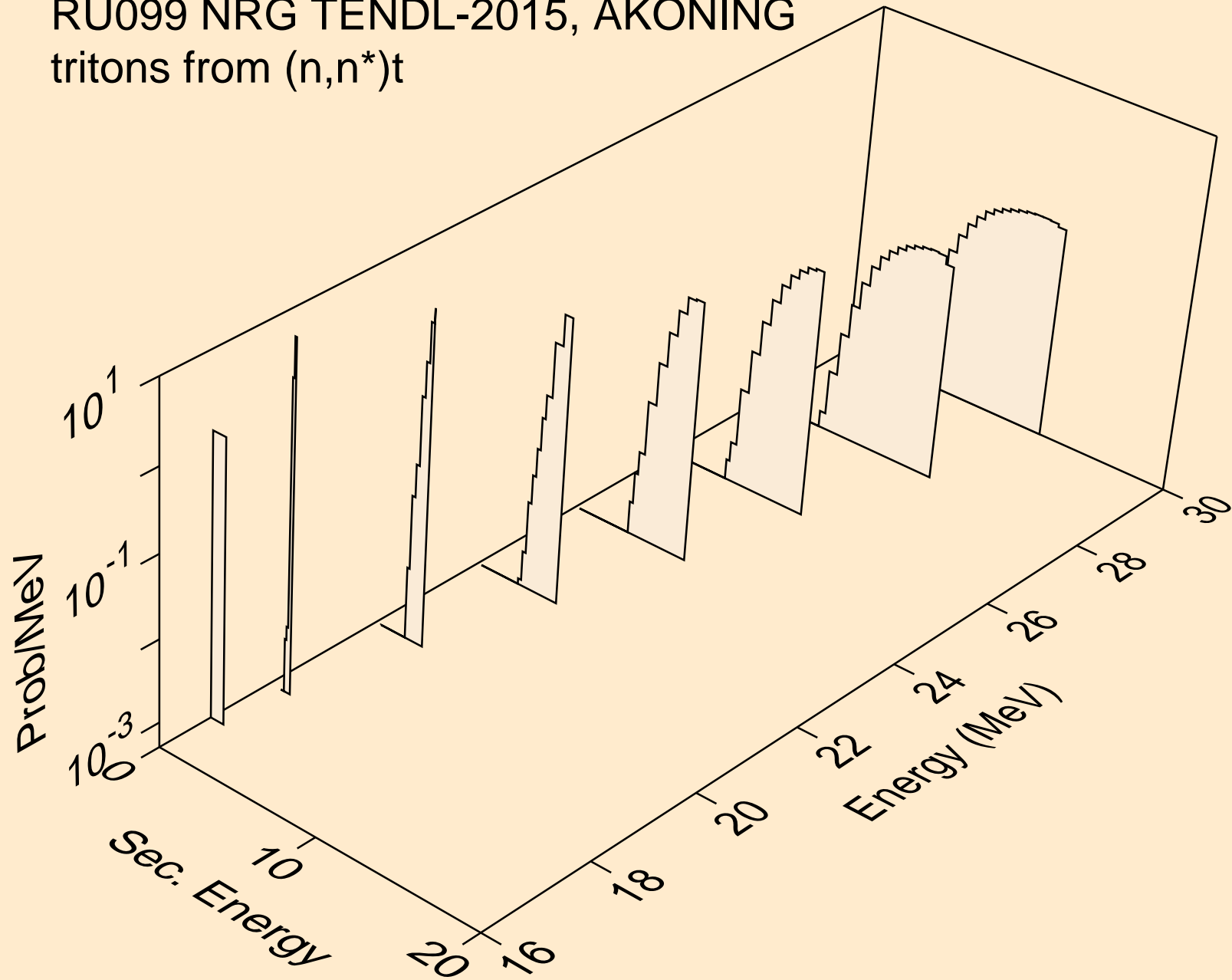




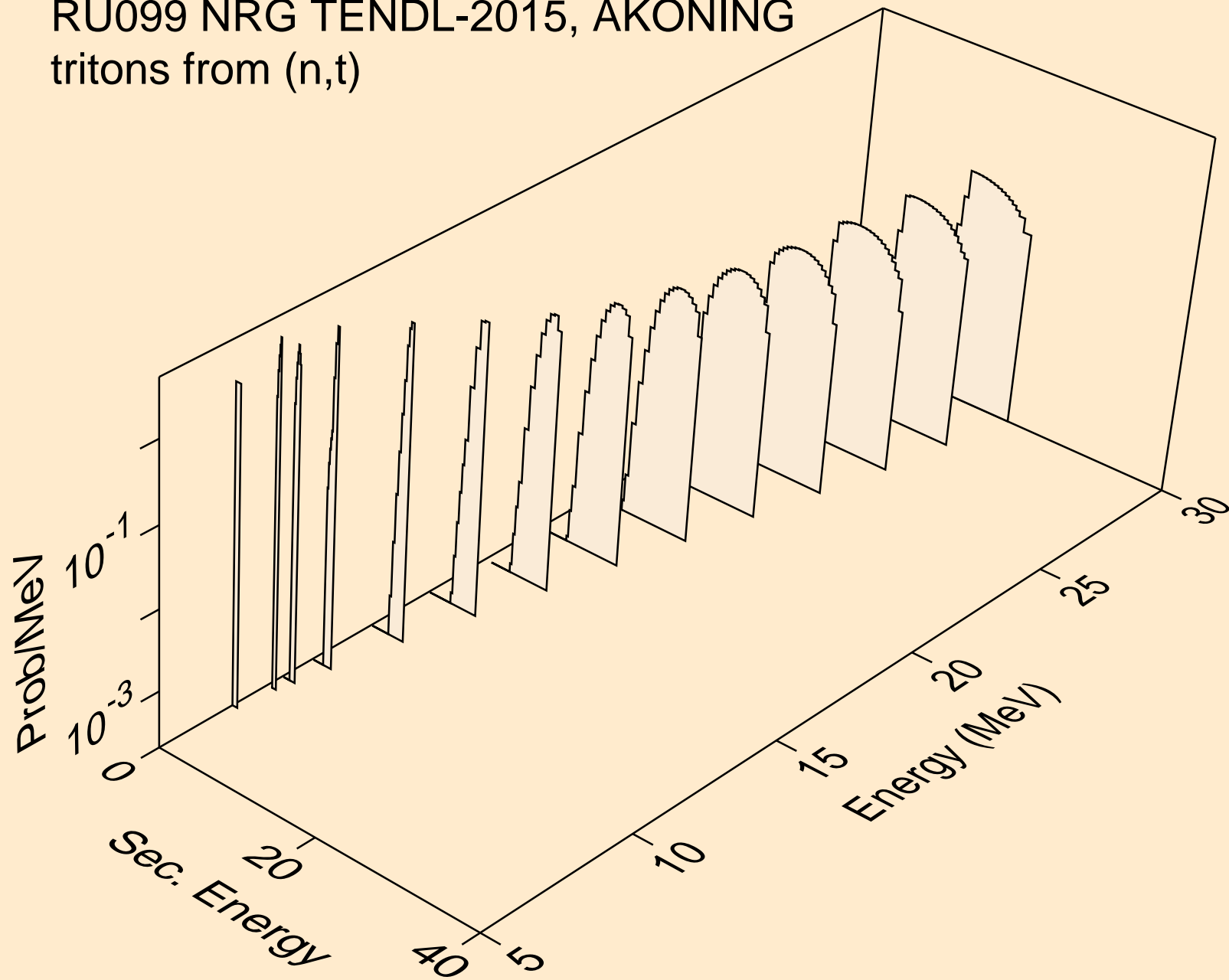
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tritons from (n,x)



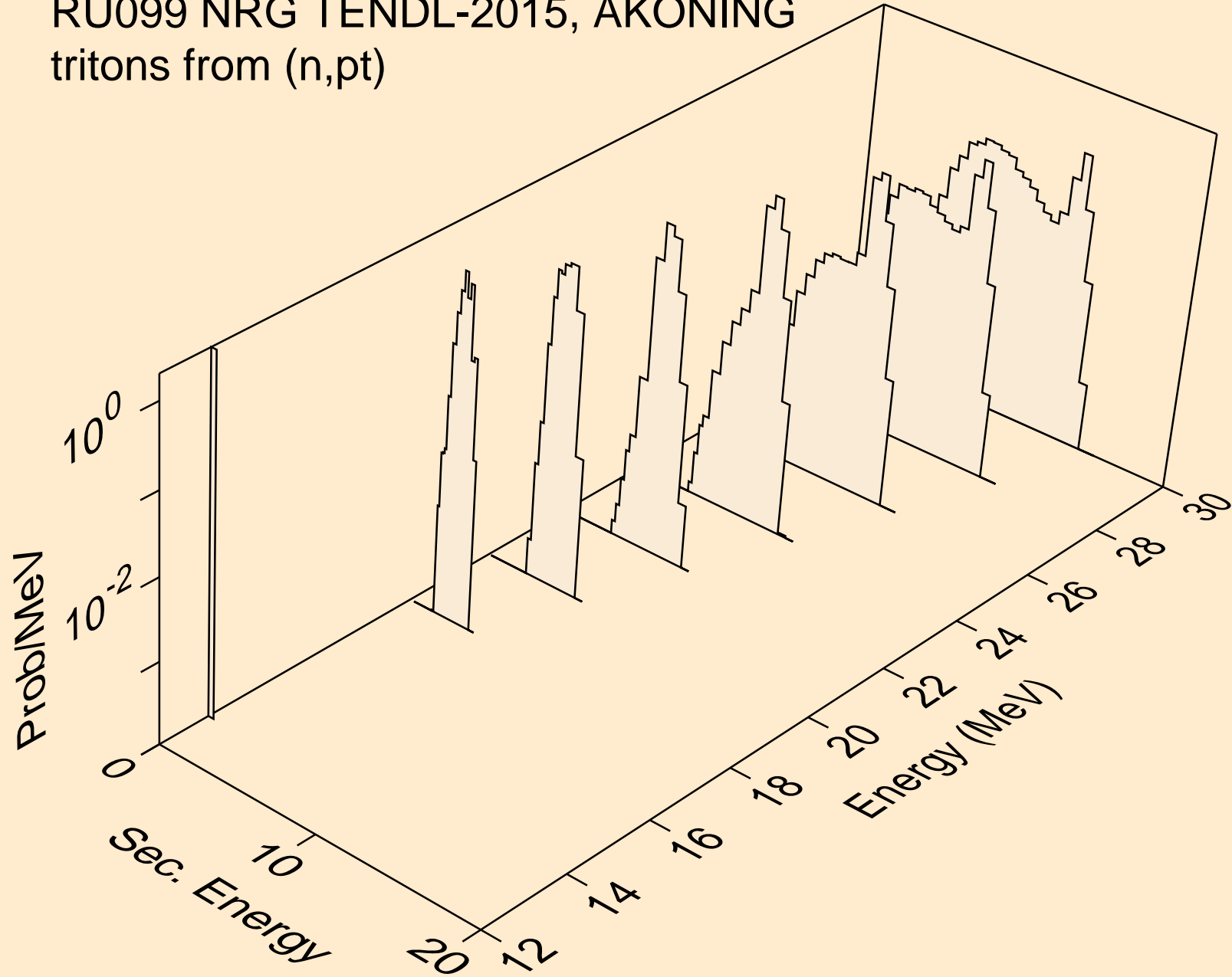
RU099 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



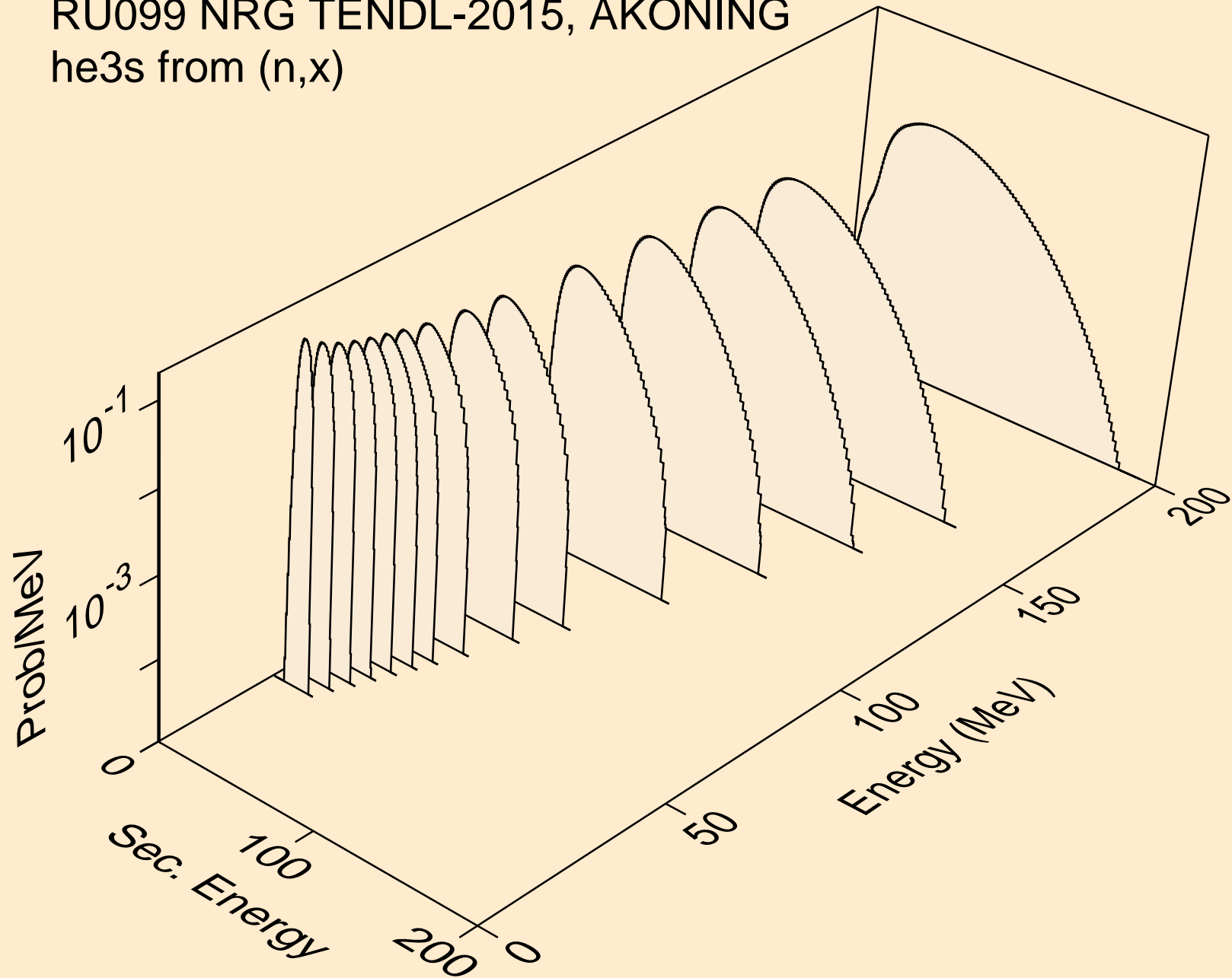
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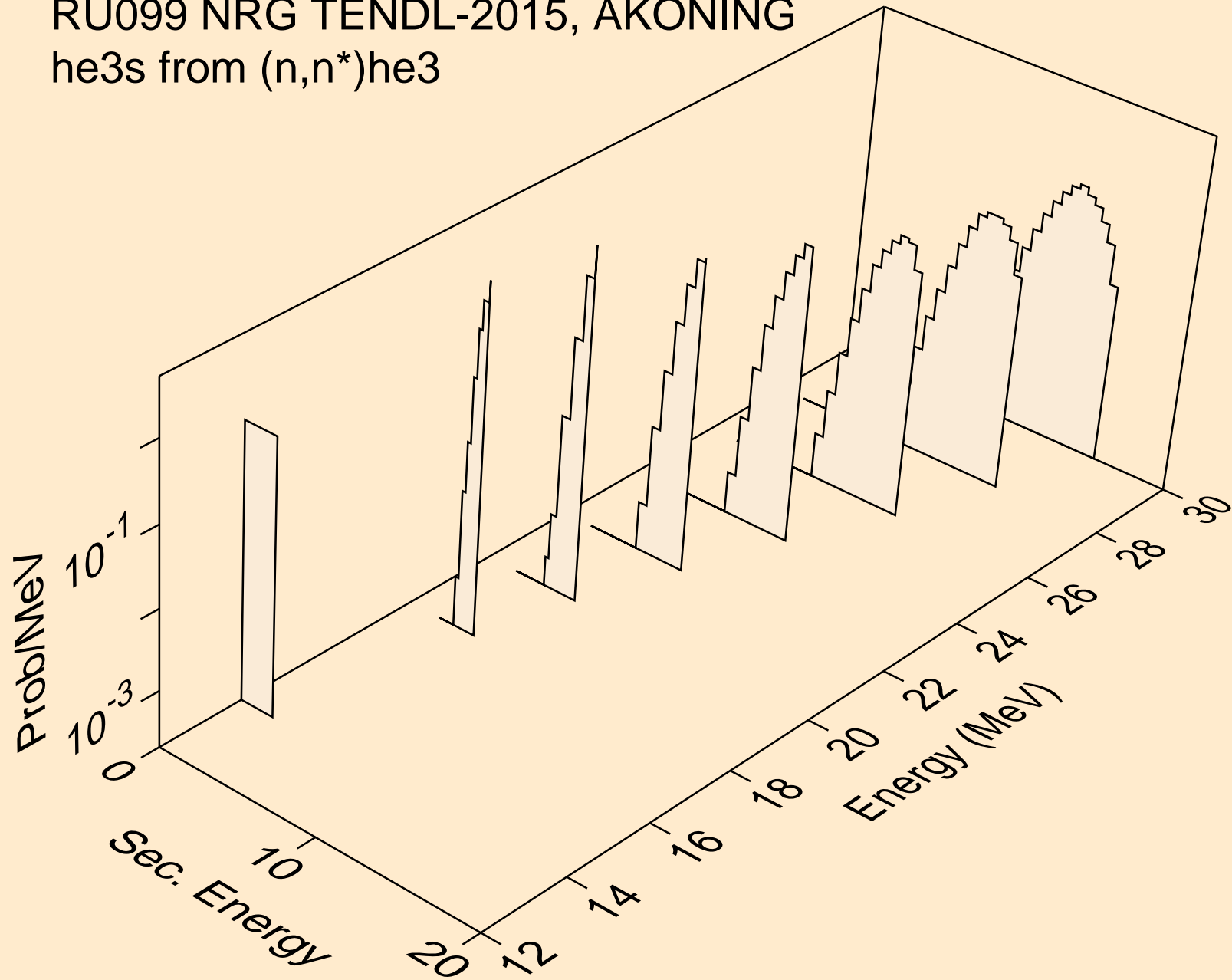
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tritons from (n,pt)



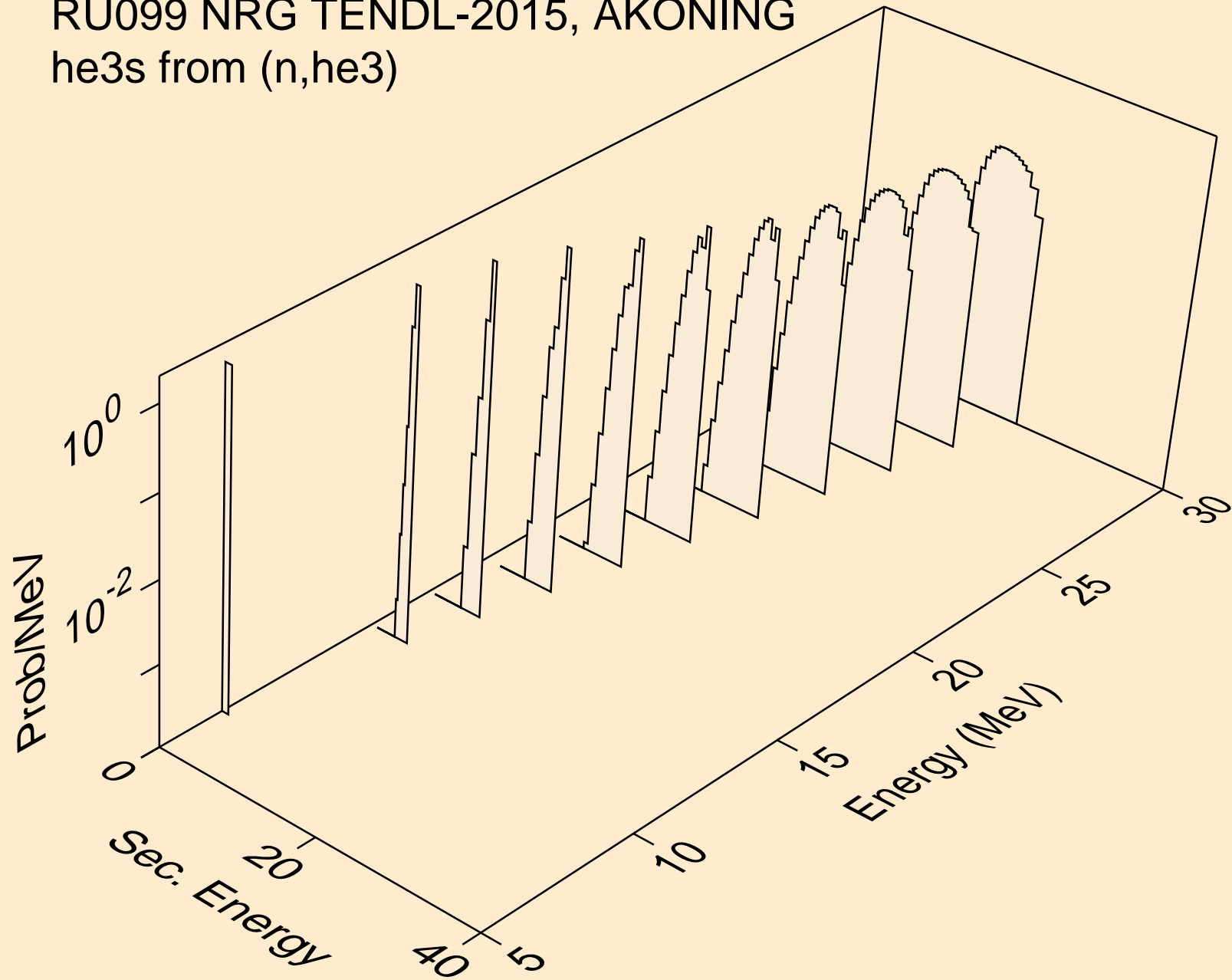
RU099 NRG TENDL-2015, AKONING  
he3s from (n,x)



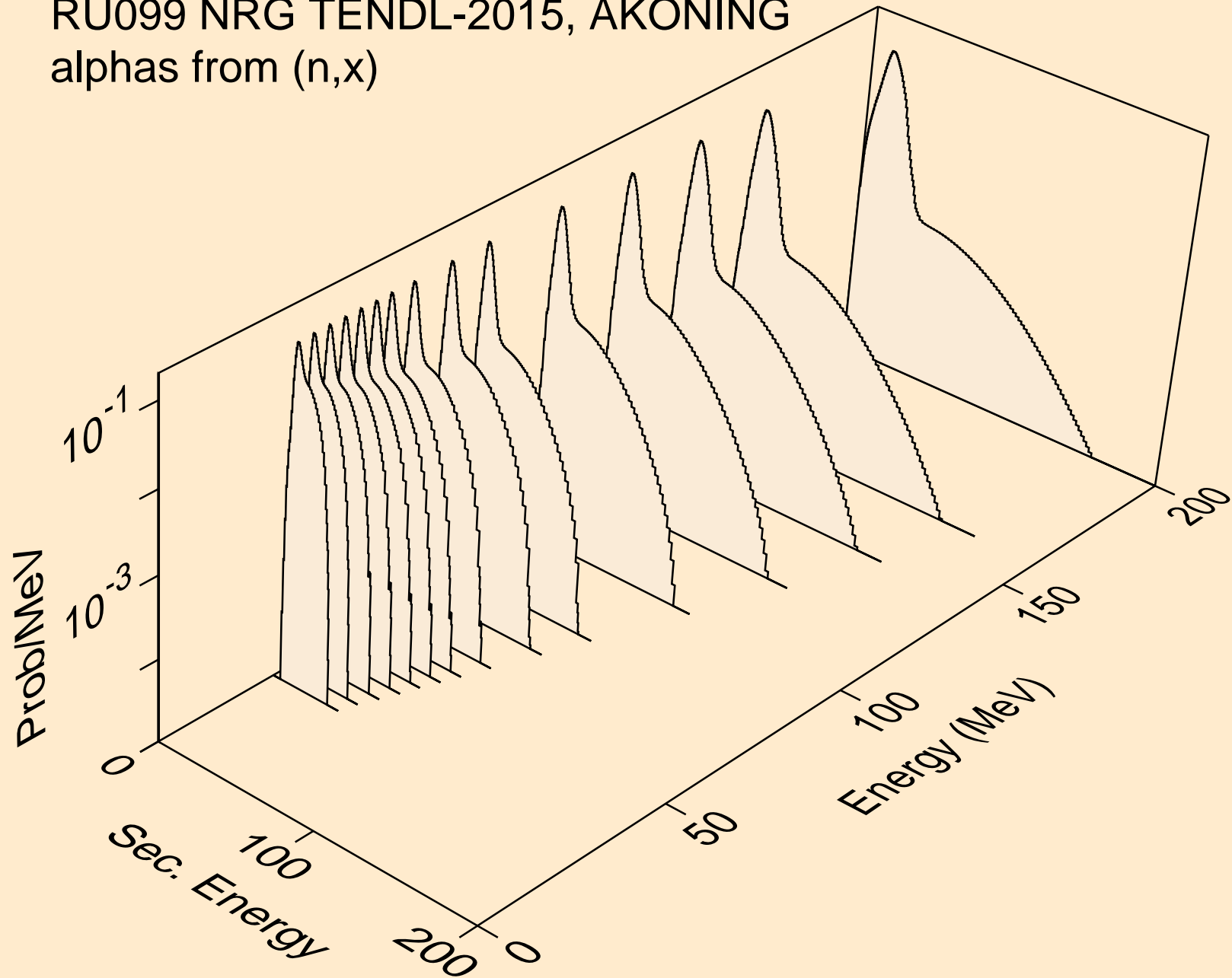
RU099 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



RU099 NRG TENDL-2015, AKONING  
he3s from (n,he3)

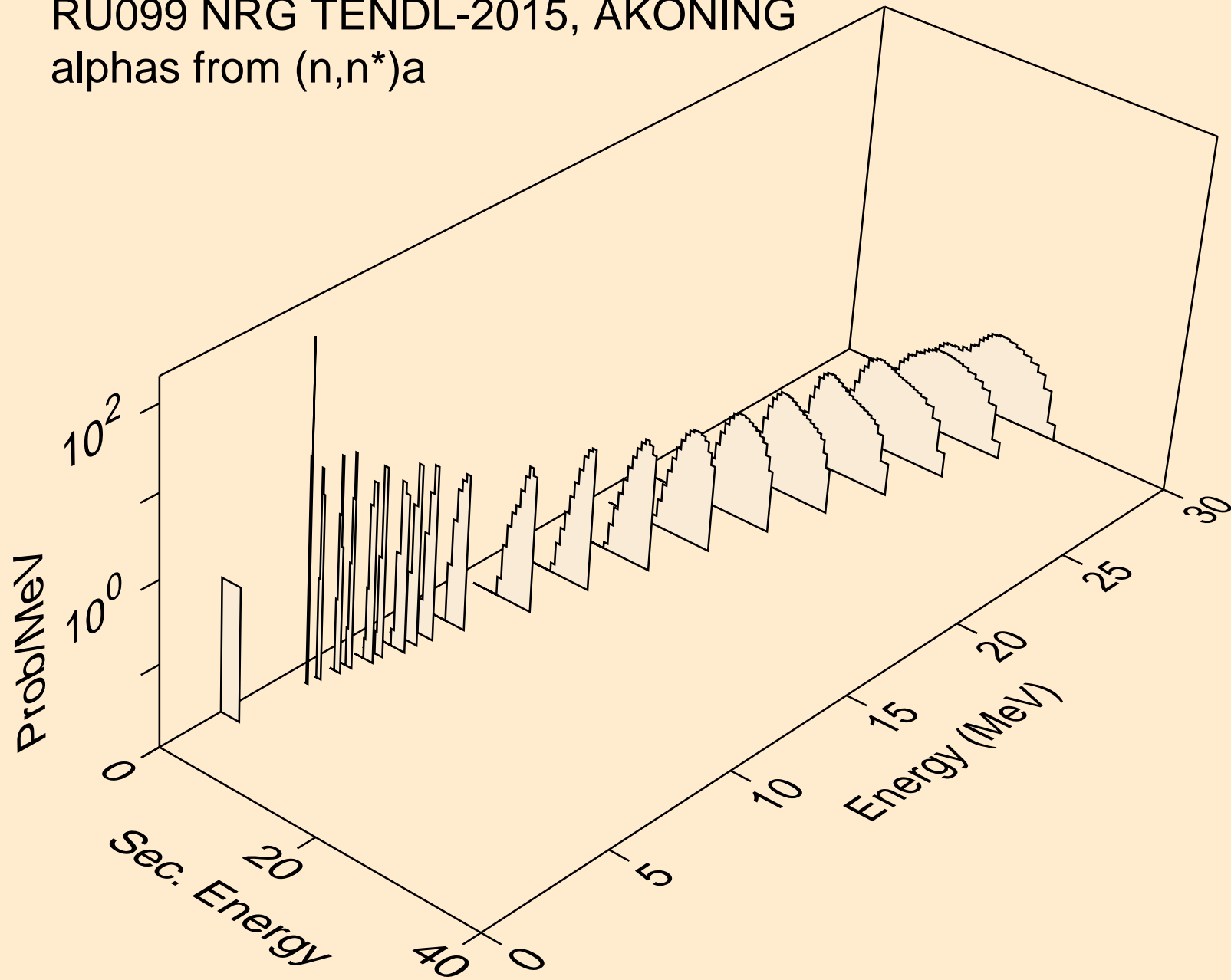


RU099 NRG TENDL-2015, AKONING  
alphas from (n,x)

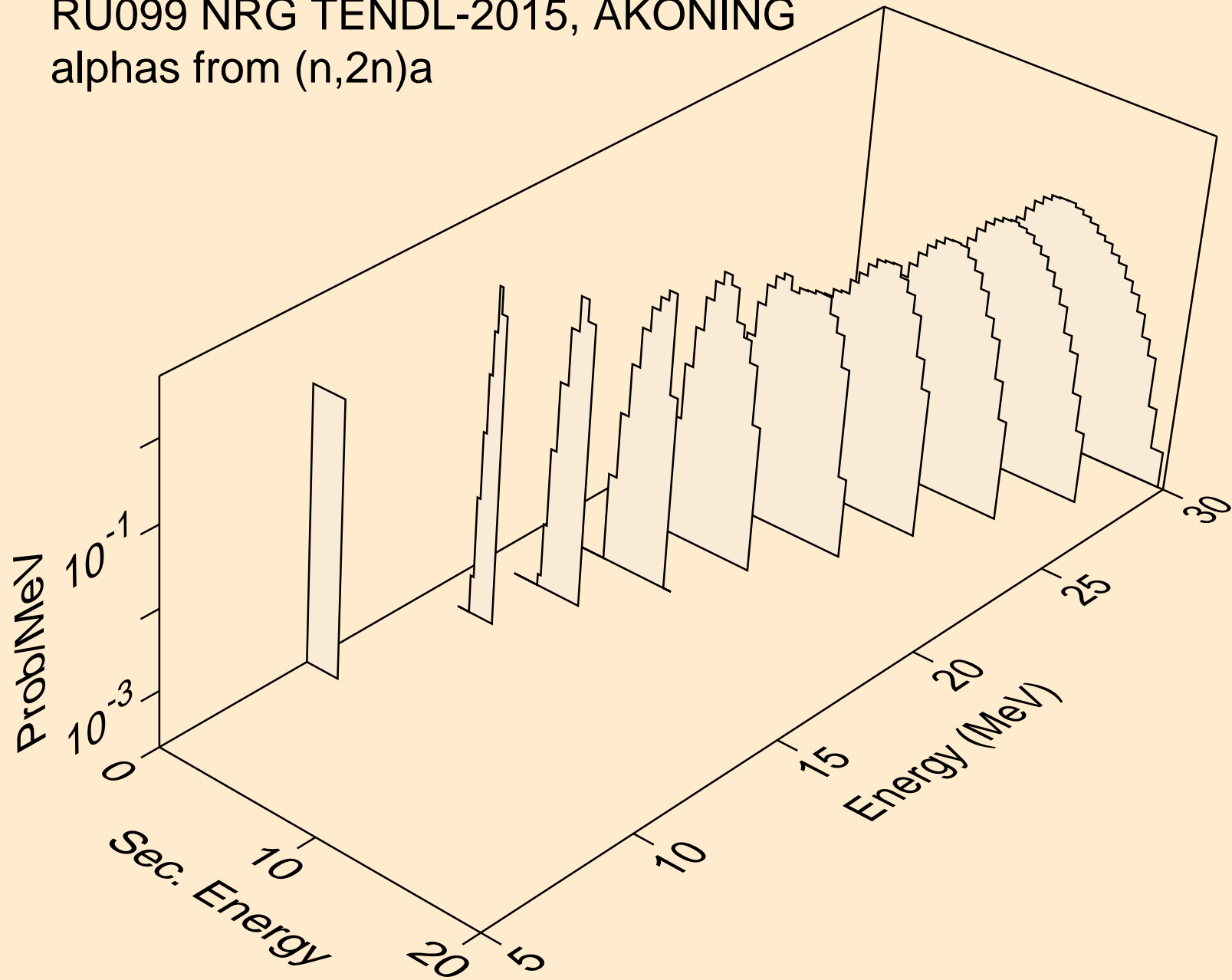




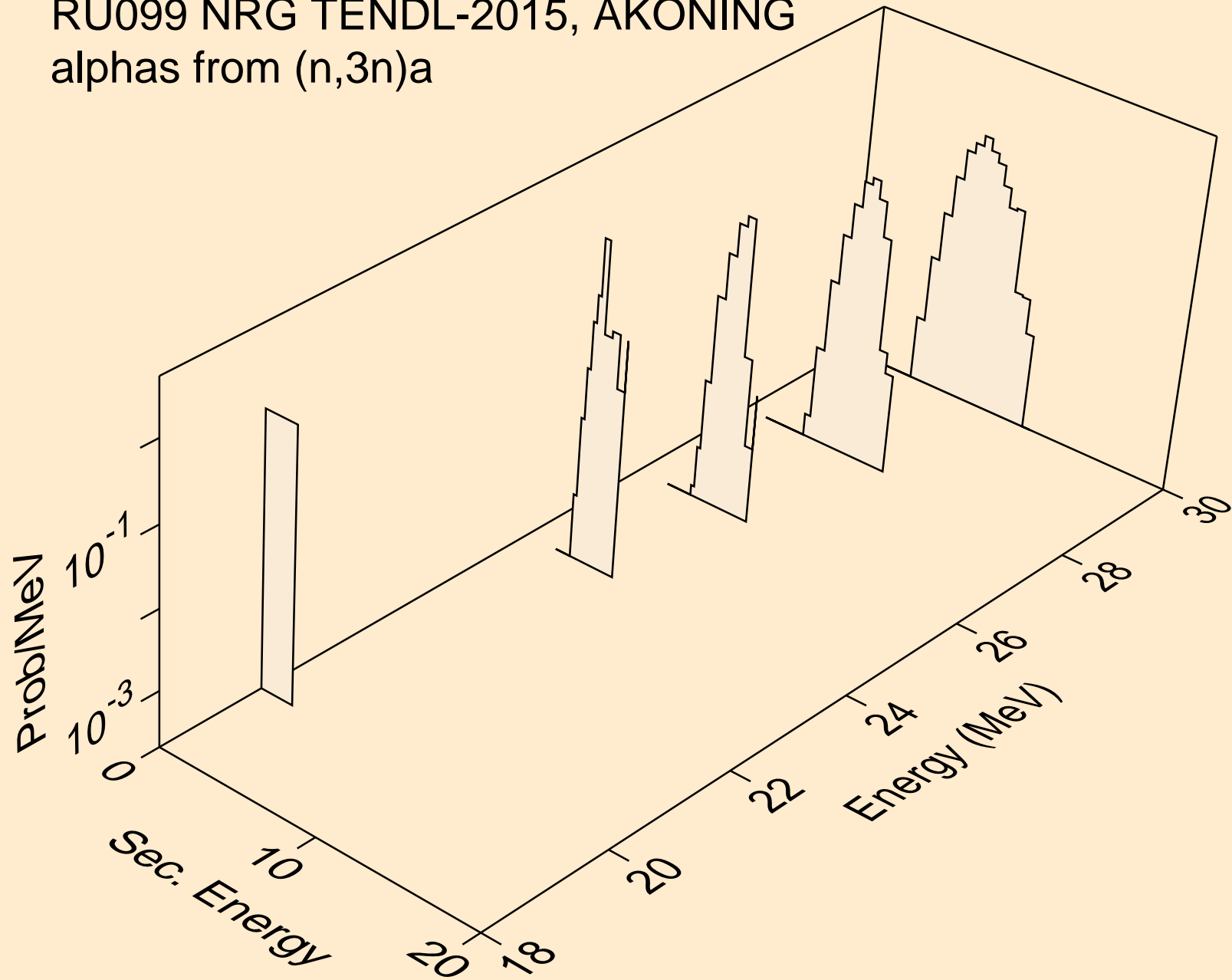
RU099 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



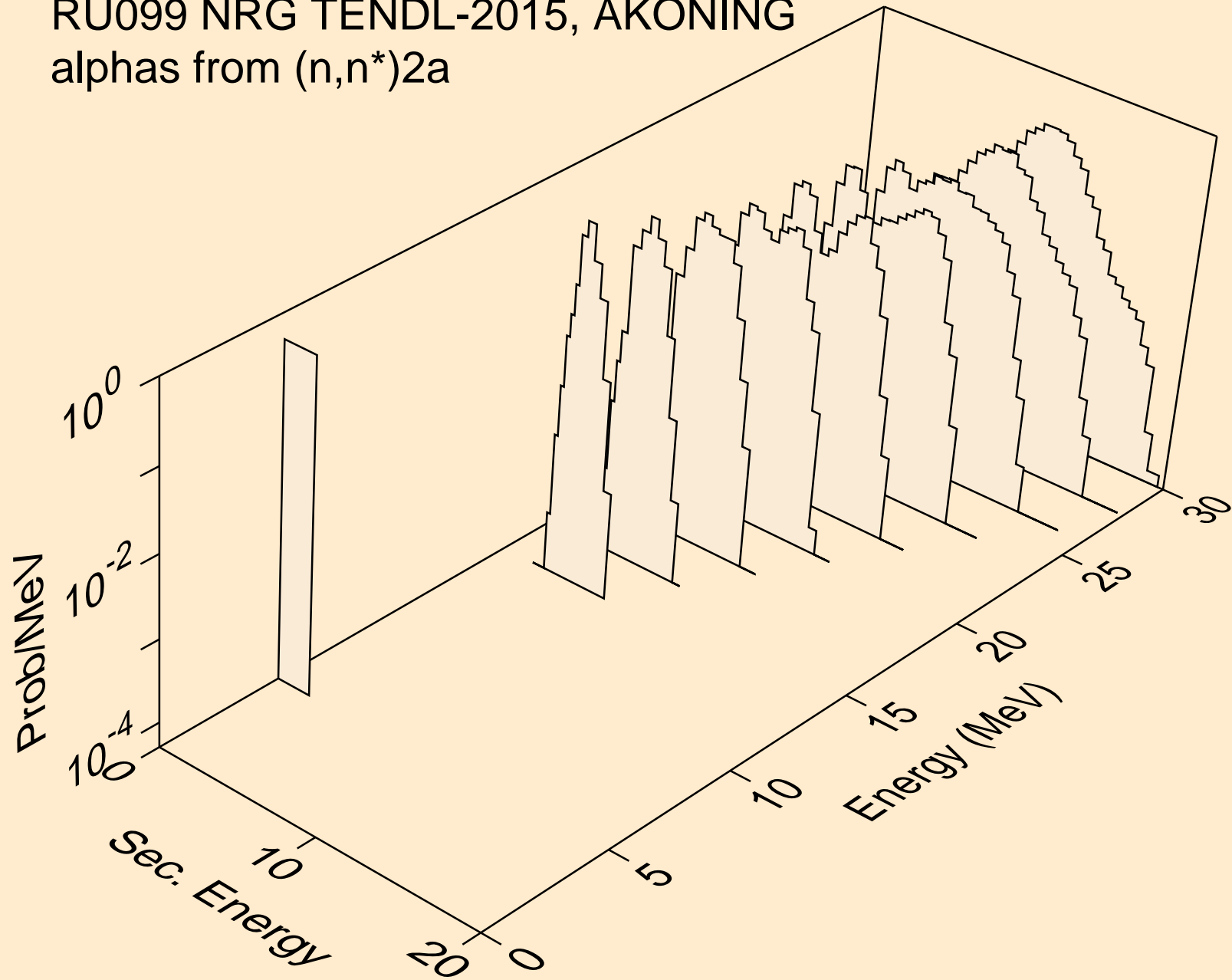
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alphas from (n,2n)a



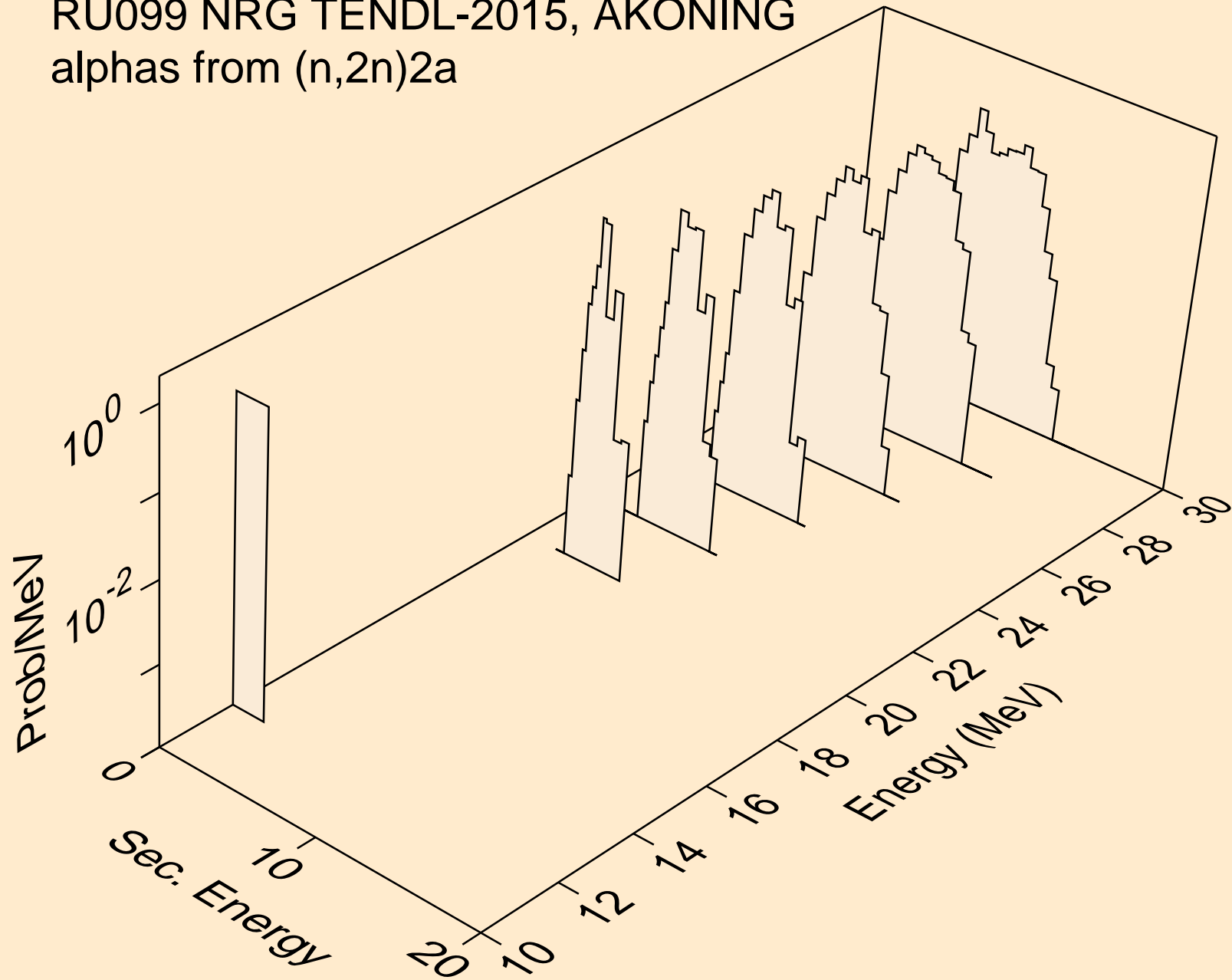
RU099 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



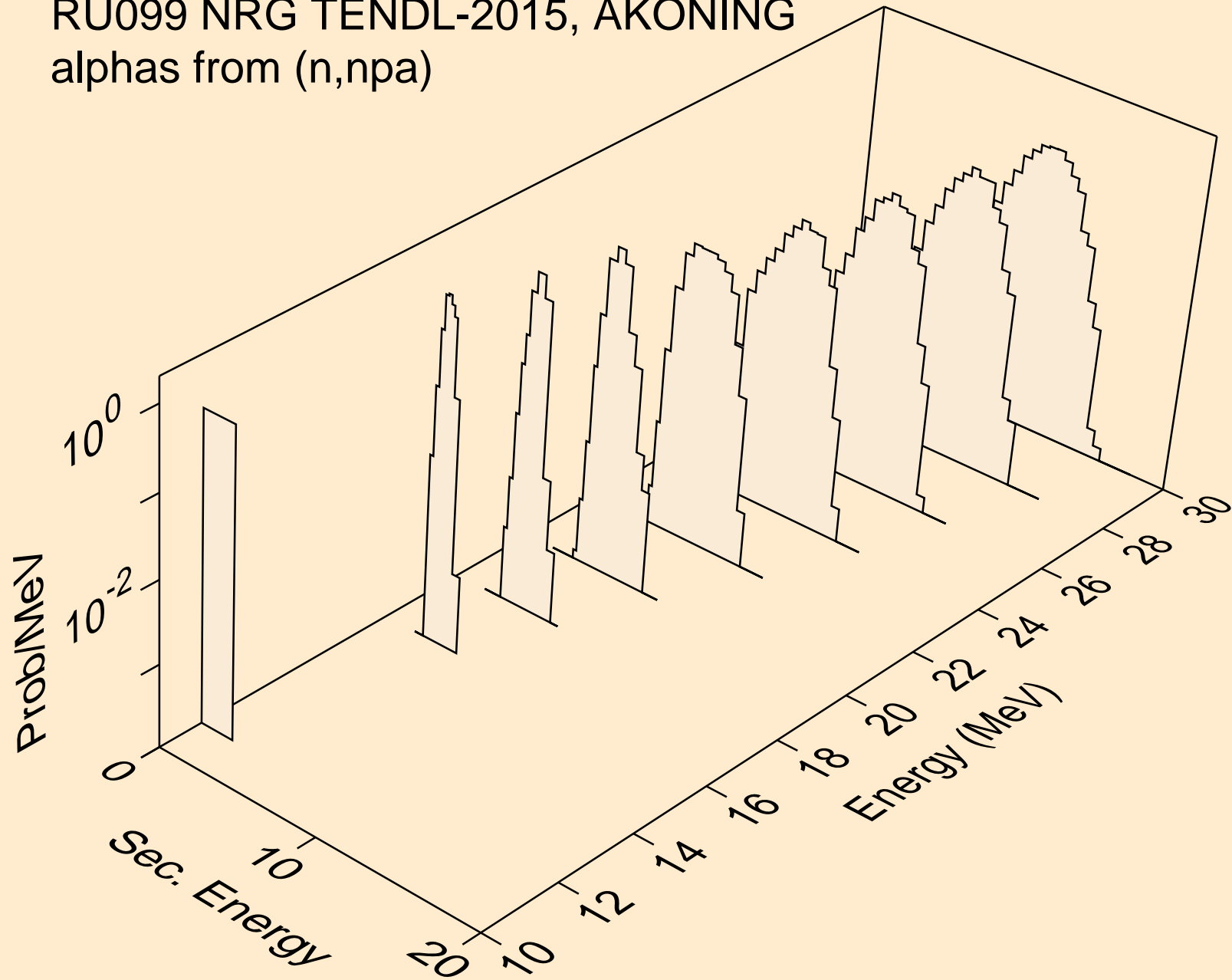
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alphas from (n,n\*)2a



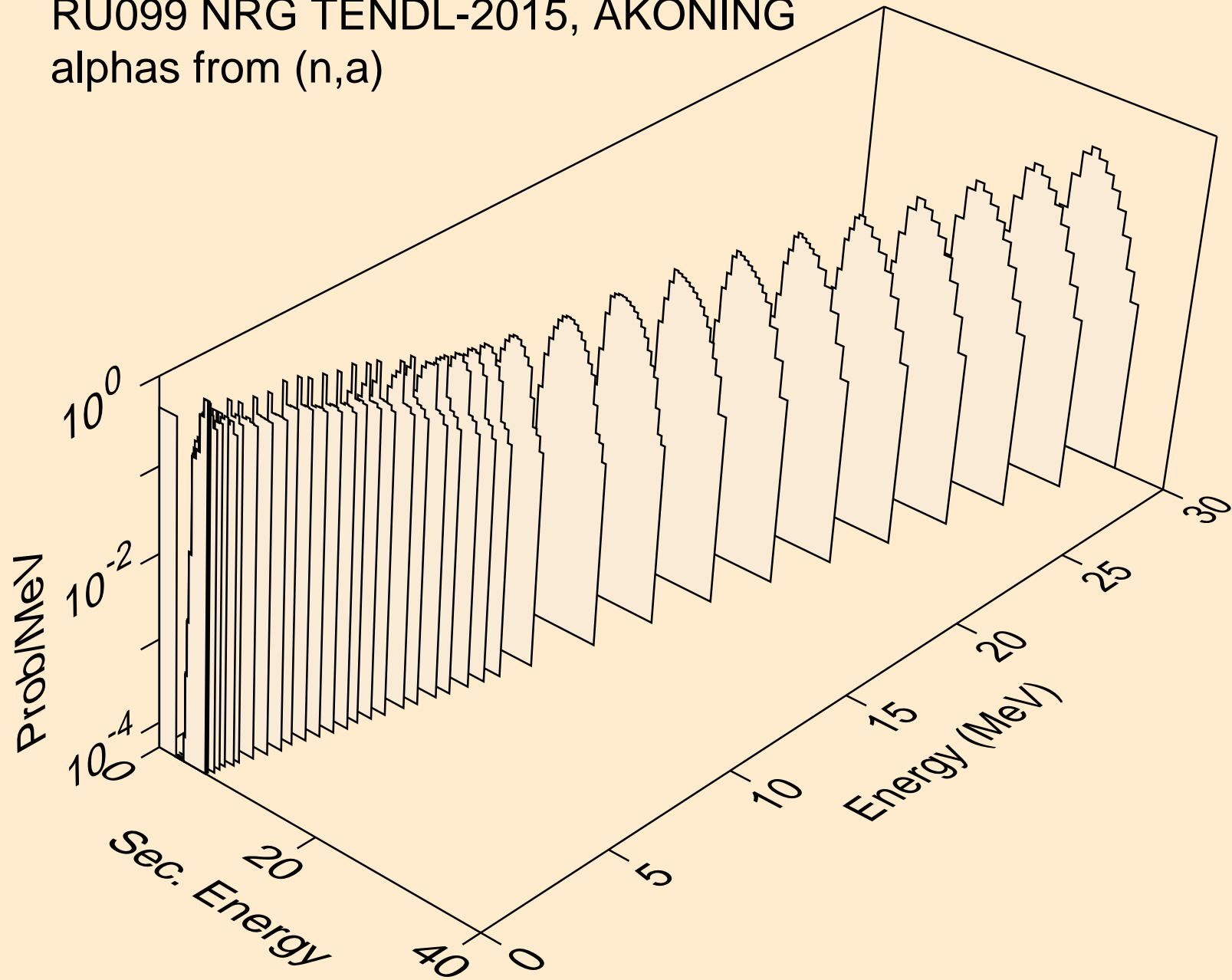
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alphas from (n,2n)2a



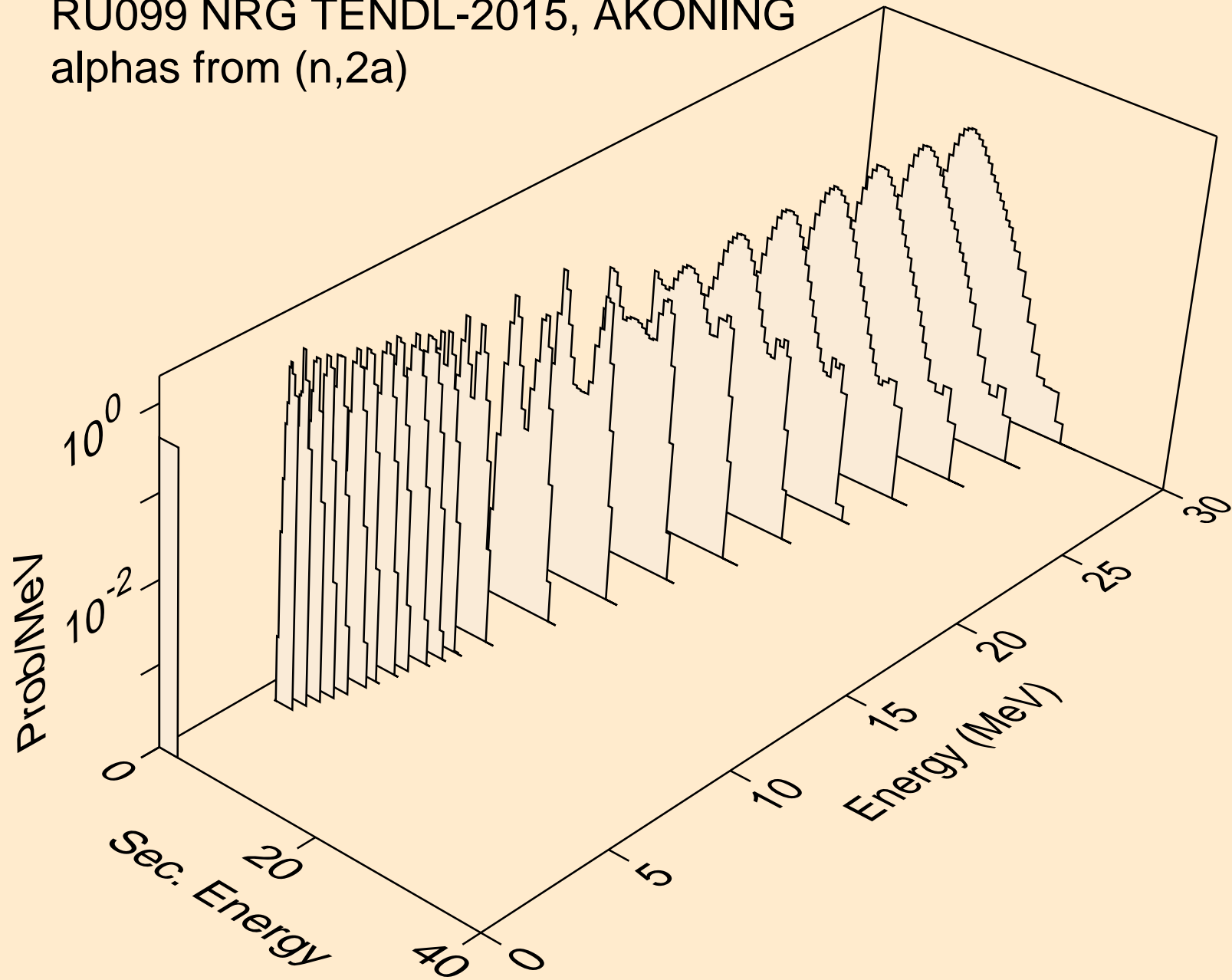
RU099 NRG TENDL-2015, AKONING  
alphas from (n,npa)



RU099 NRG TENDL-2015, AKONING  
alphas from (n,a)

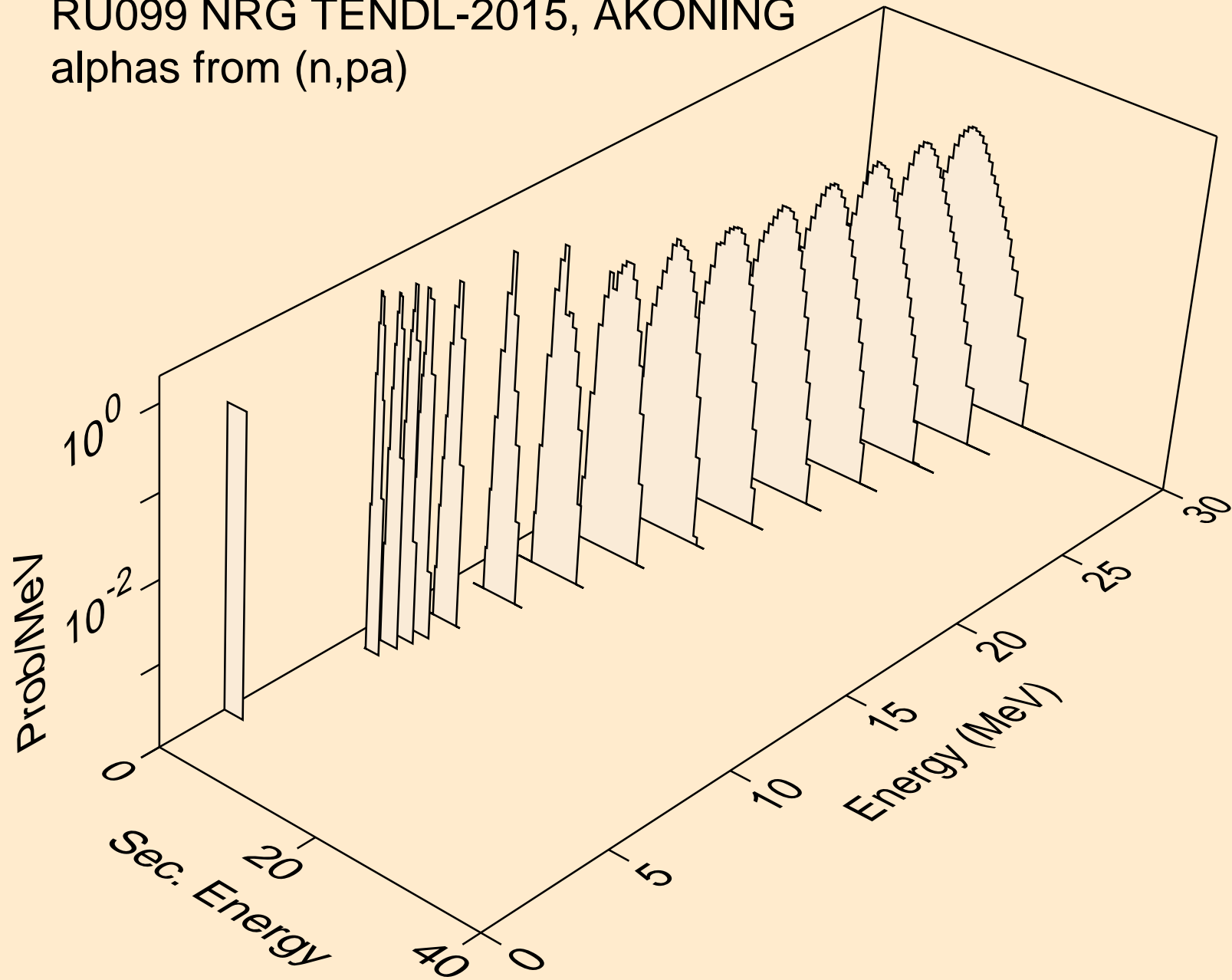


RU099 NRG TENDL-2015, AKONING  
alphas from (n,2a)





RU099 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RU099 NRG TENDL-2015, AKONING  
alphas from (n,da)

