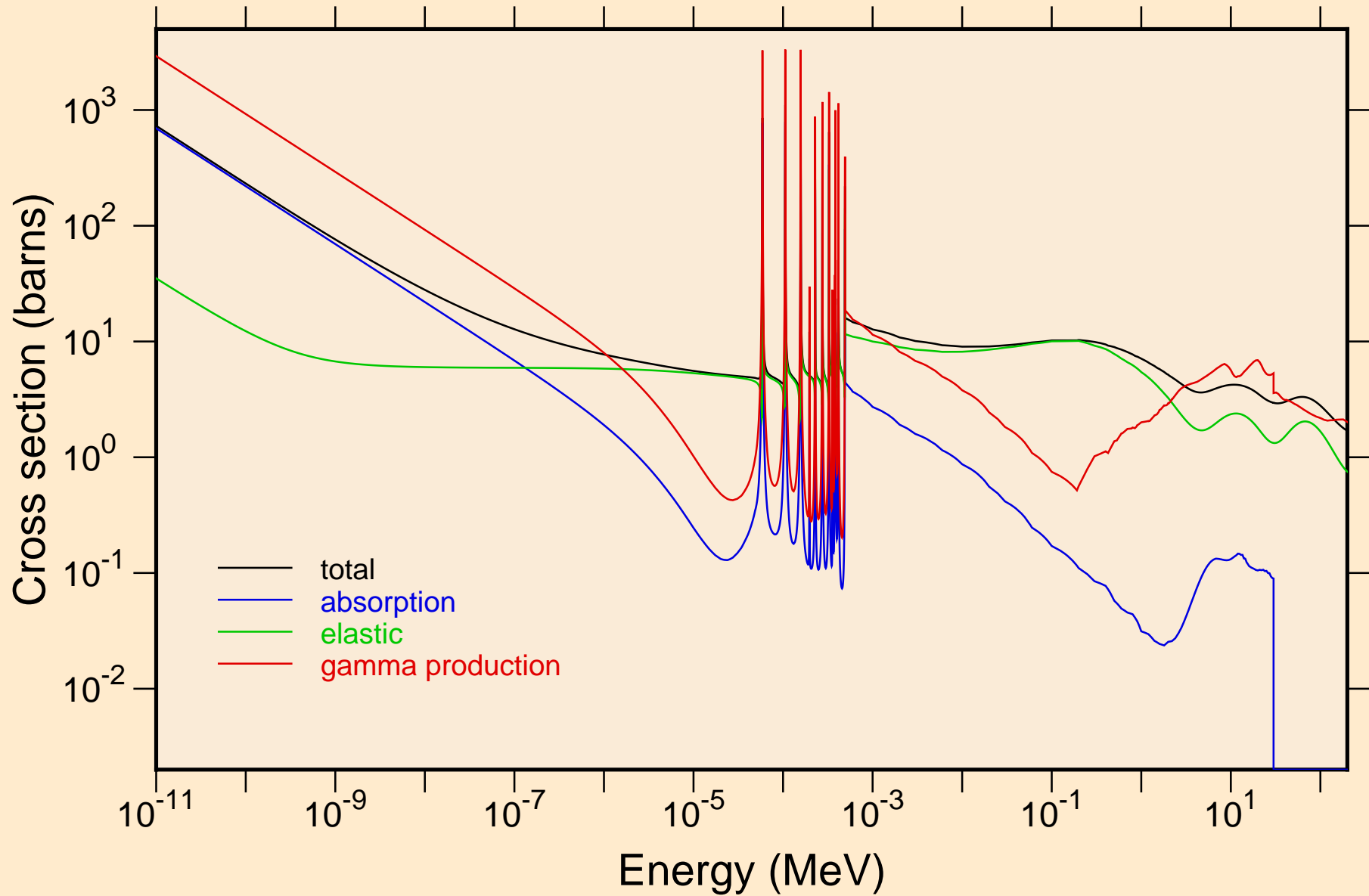
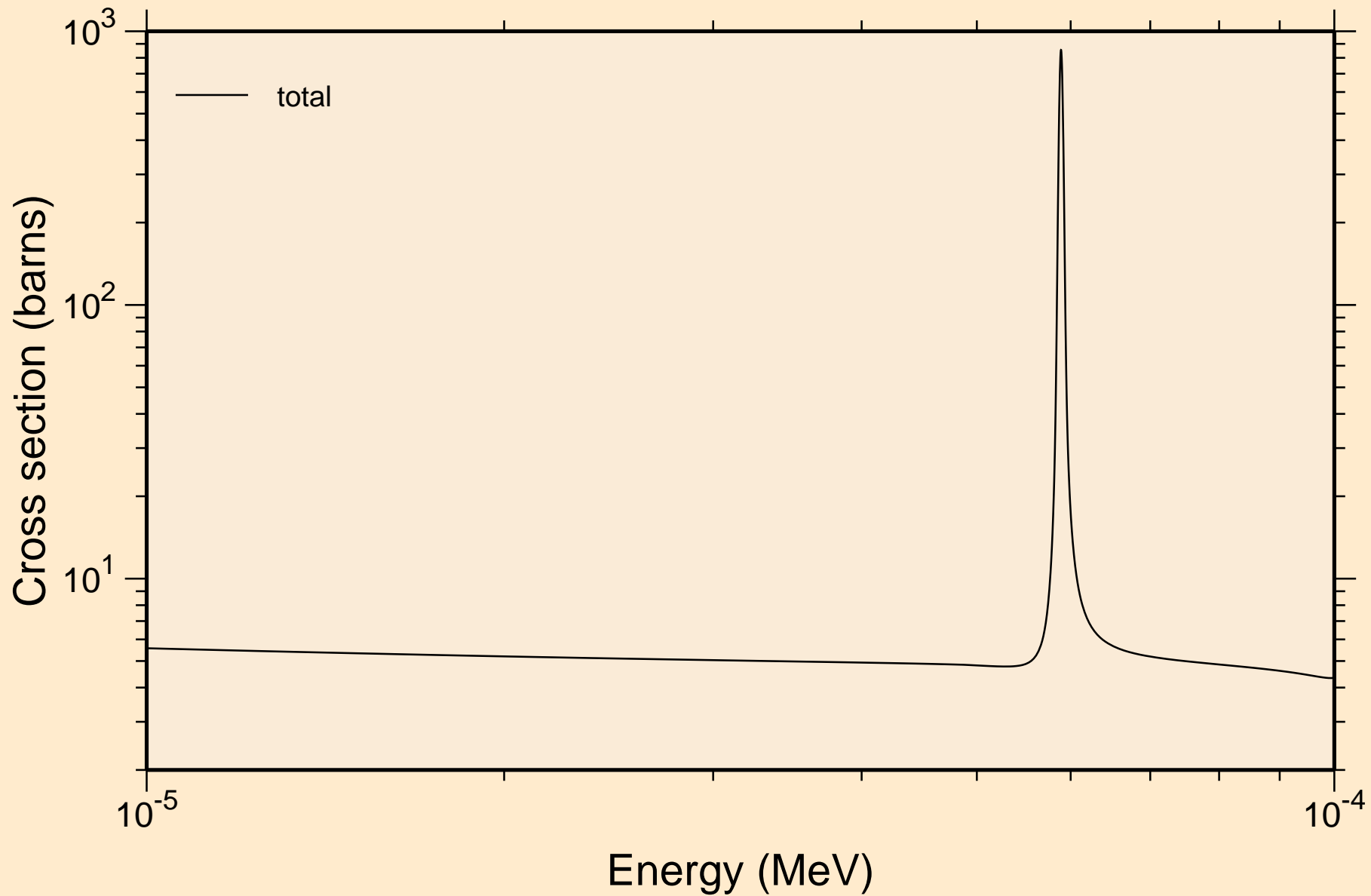


# RU097 NRG TENDL-2015, AKONING

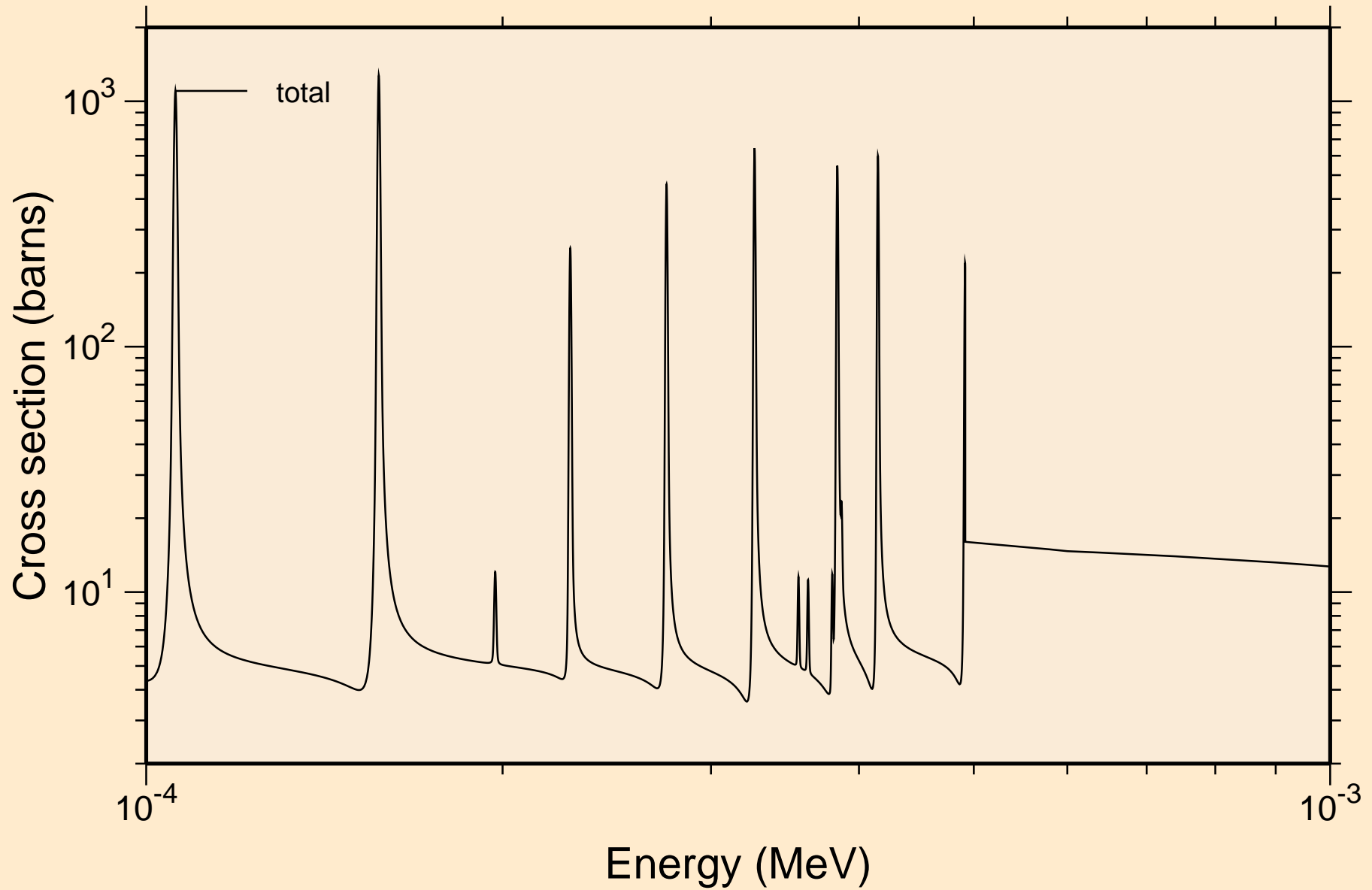
## Principal cross sections



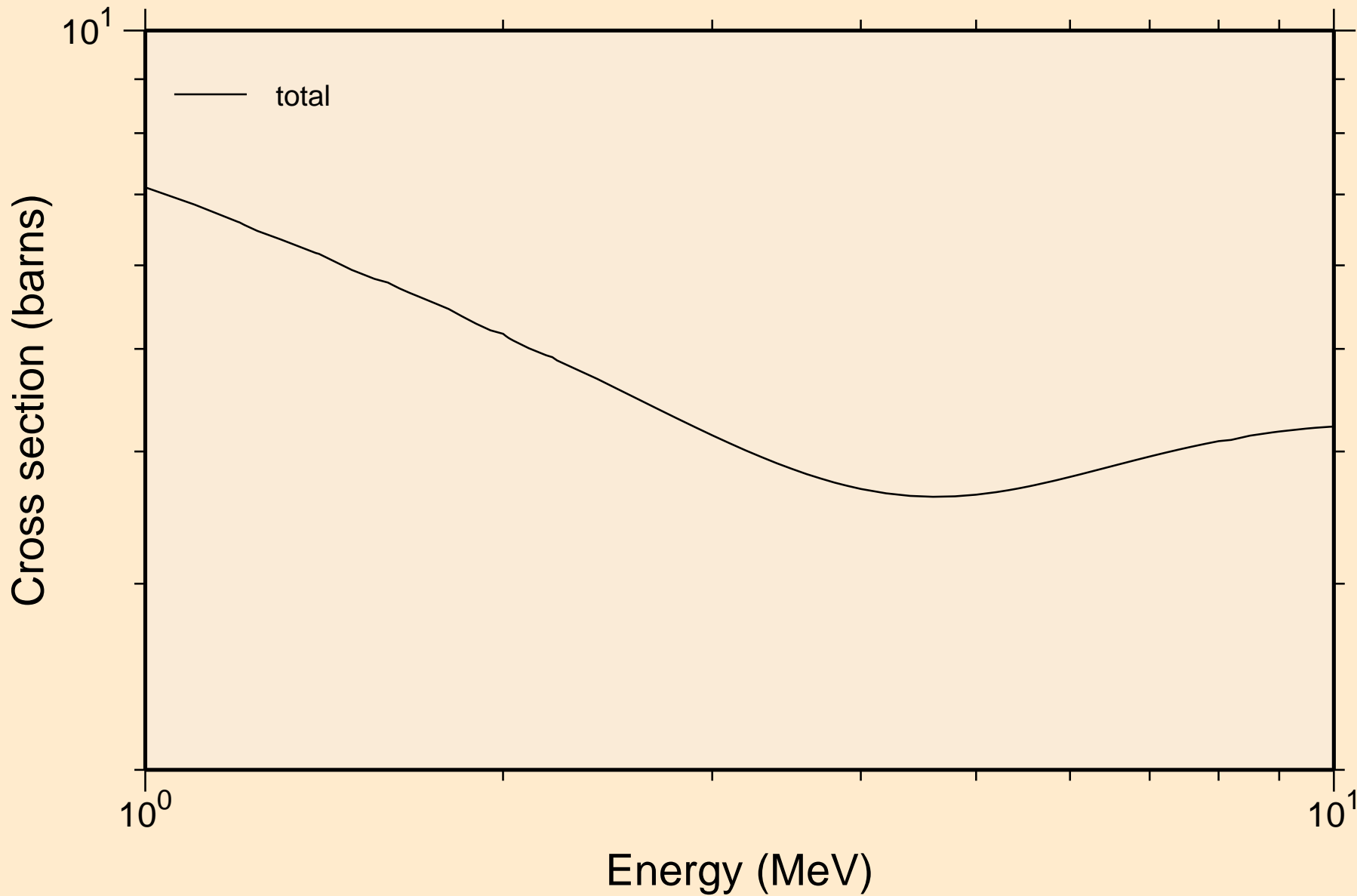
RU097 NRG TENDL-2015, AKONING  
resonance total cross section



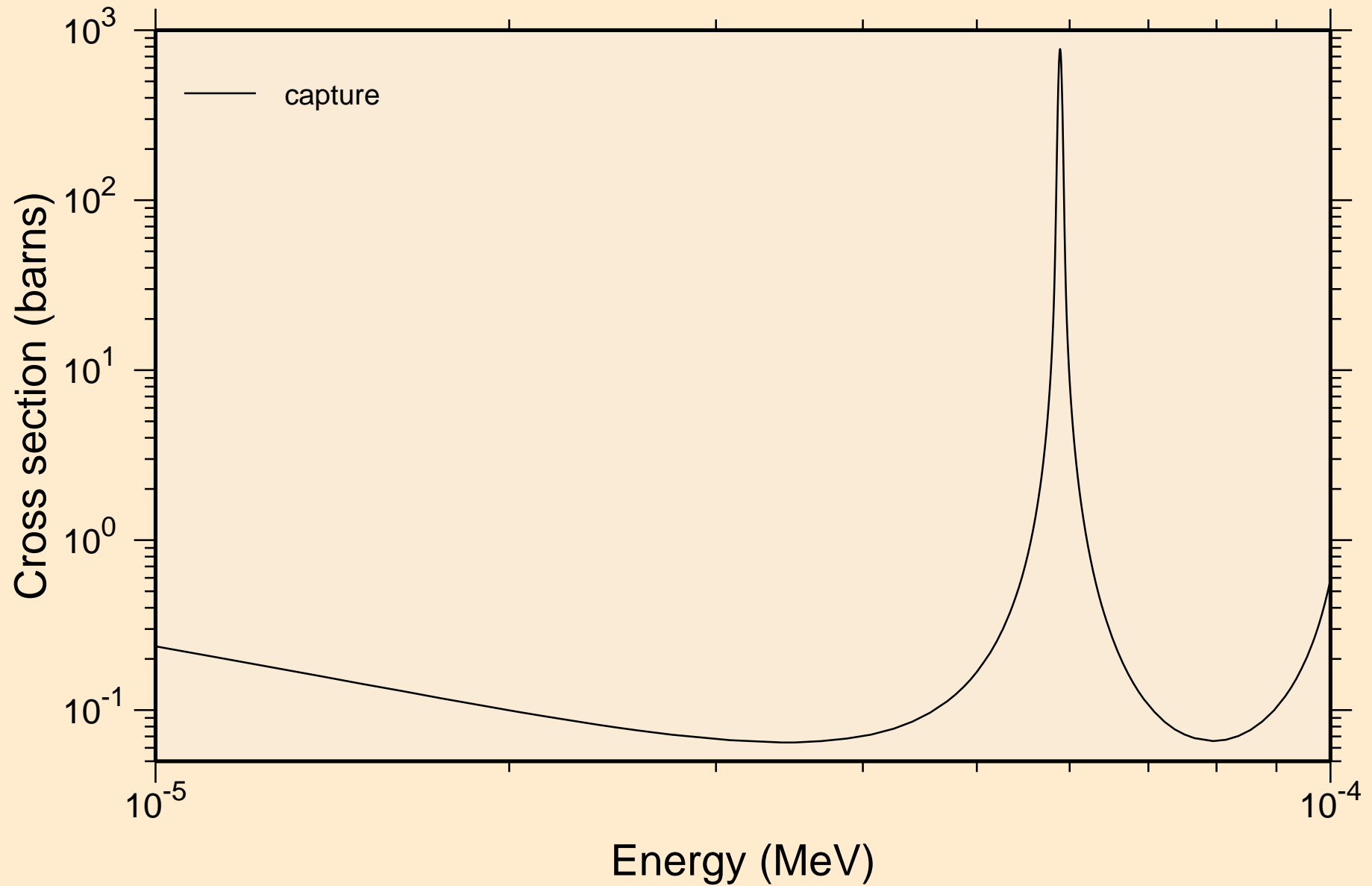
RU097 NRG TENDL-2015, AKONING  
resonance total cross section



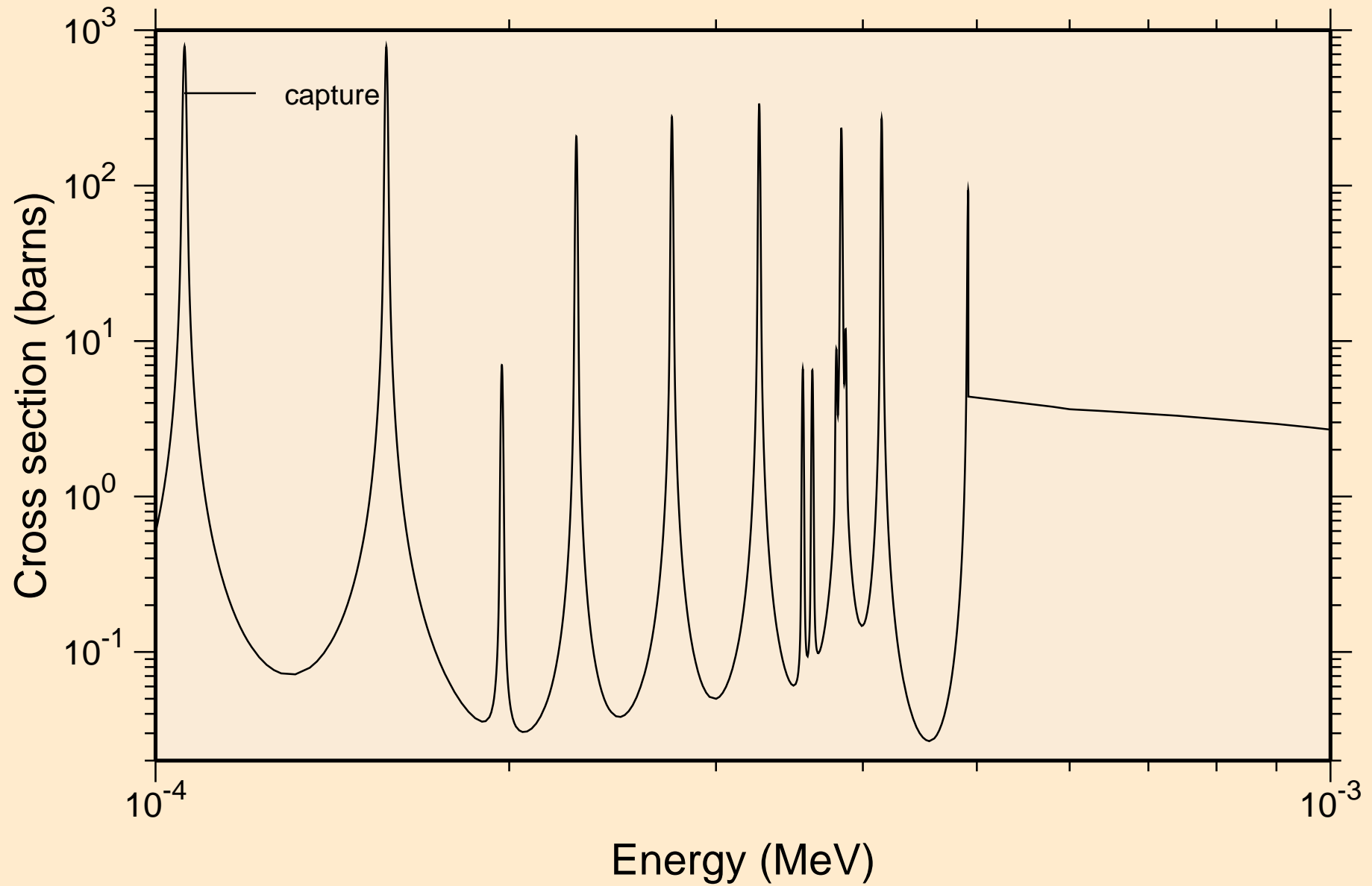
RU097 NRG TENDL-2015, AKONING  
resonance total cross section



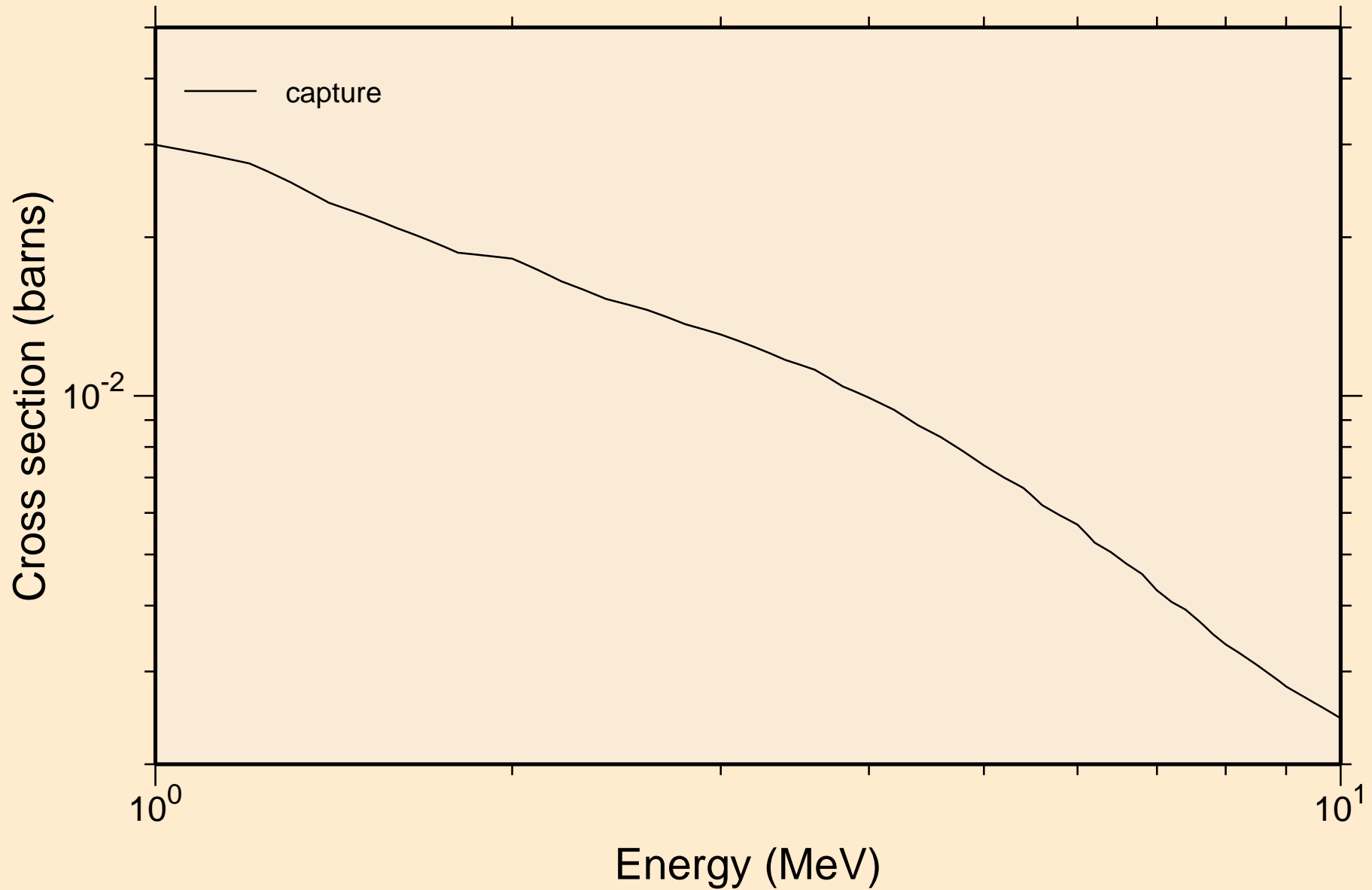
RU097 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RU097 NRG TENDL-2015, AKONING  
resonance absorption cross sections

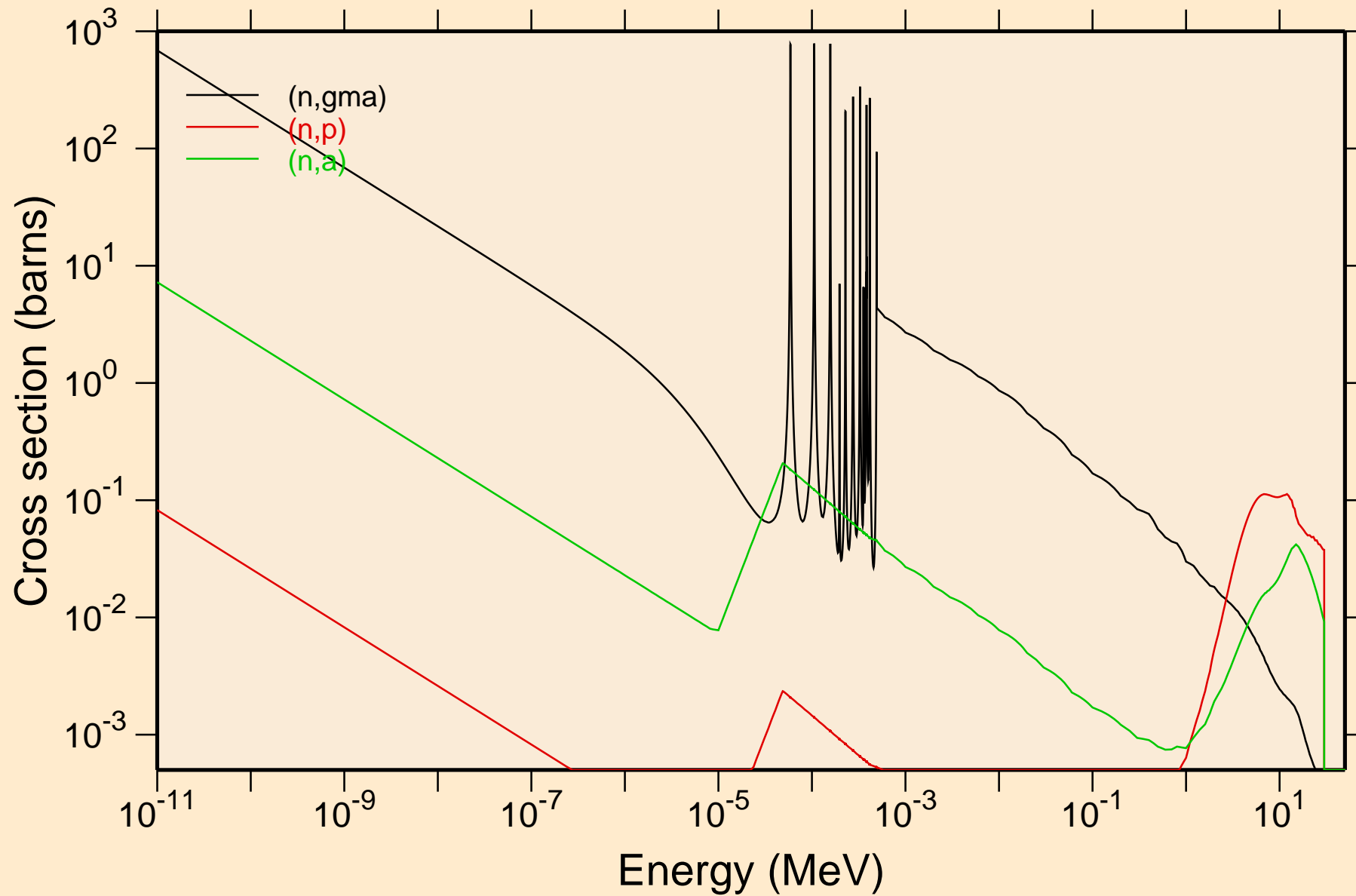


RU097 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# RU097 NRG TENDL-2015, AKONING

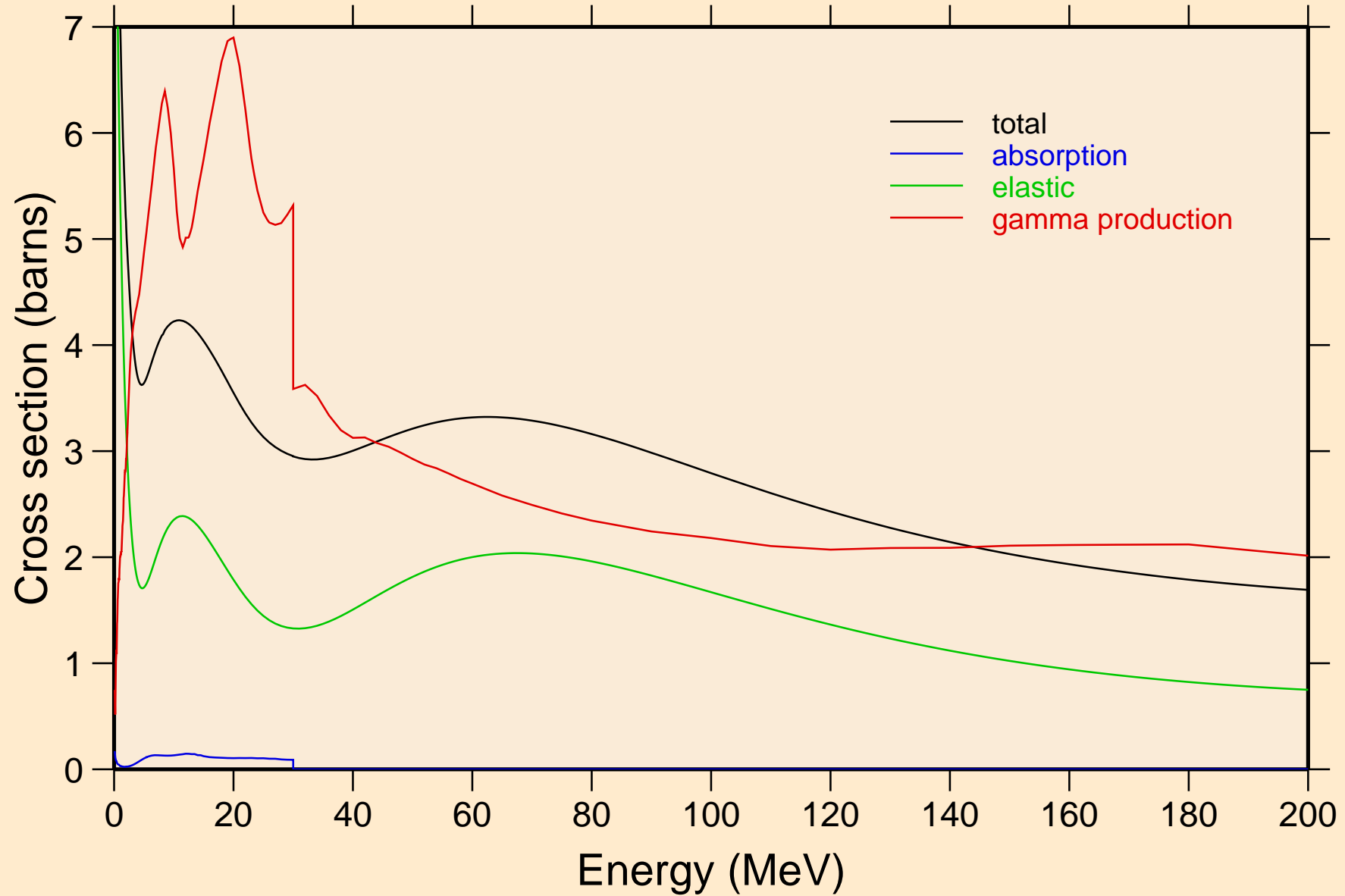
## Non-threshold reactions



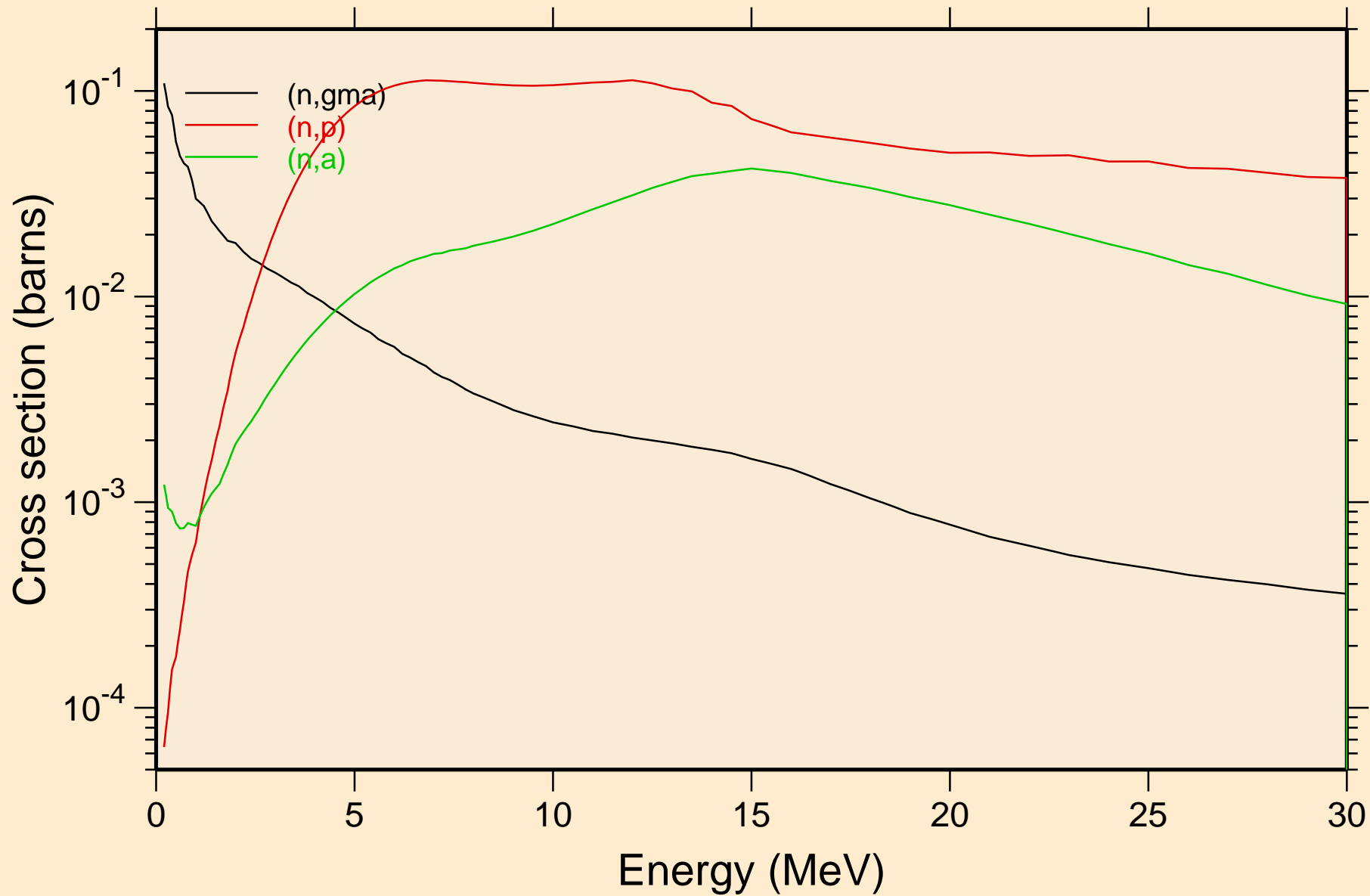


# RU097 NRG TENDL-2015, AKONING

## Principal cross sections

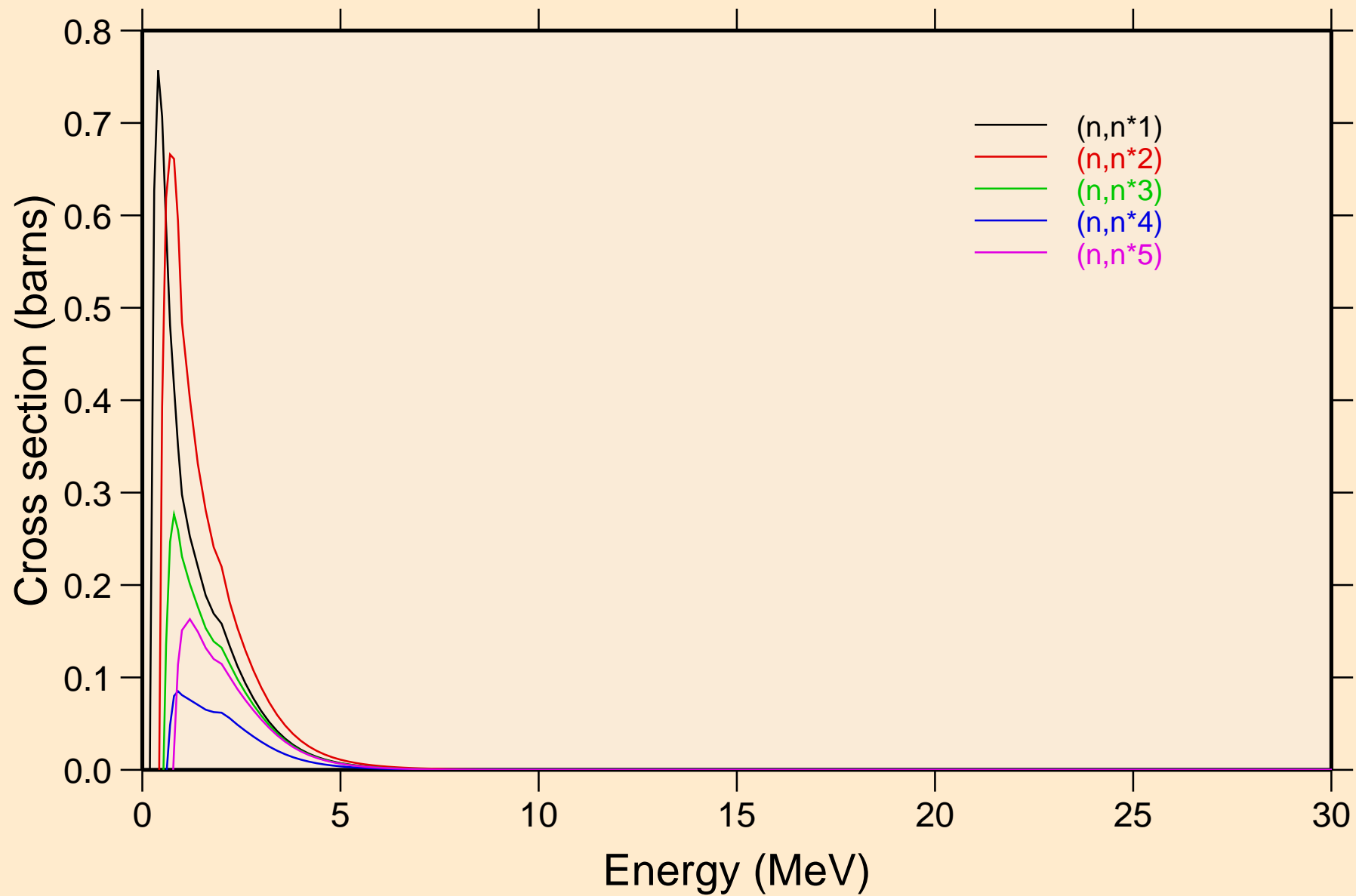


RU097 NRG TENDL-2015, AKONING  
Non-threshold reactions



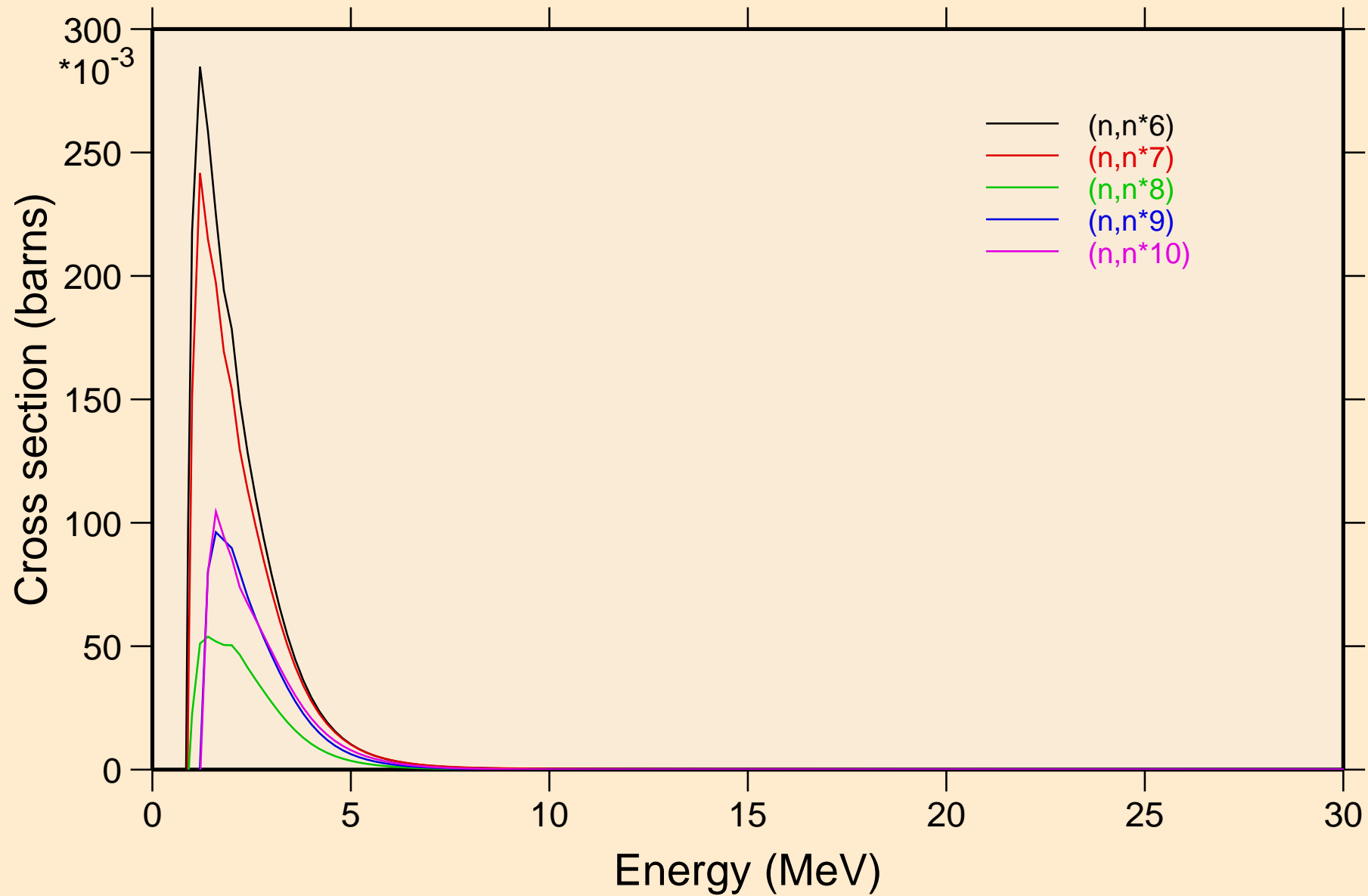
# RU097 NRG TENDL-2015, AKONING

## Inelastic levels



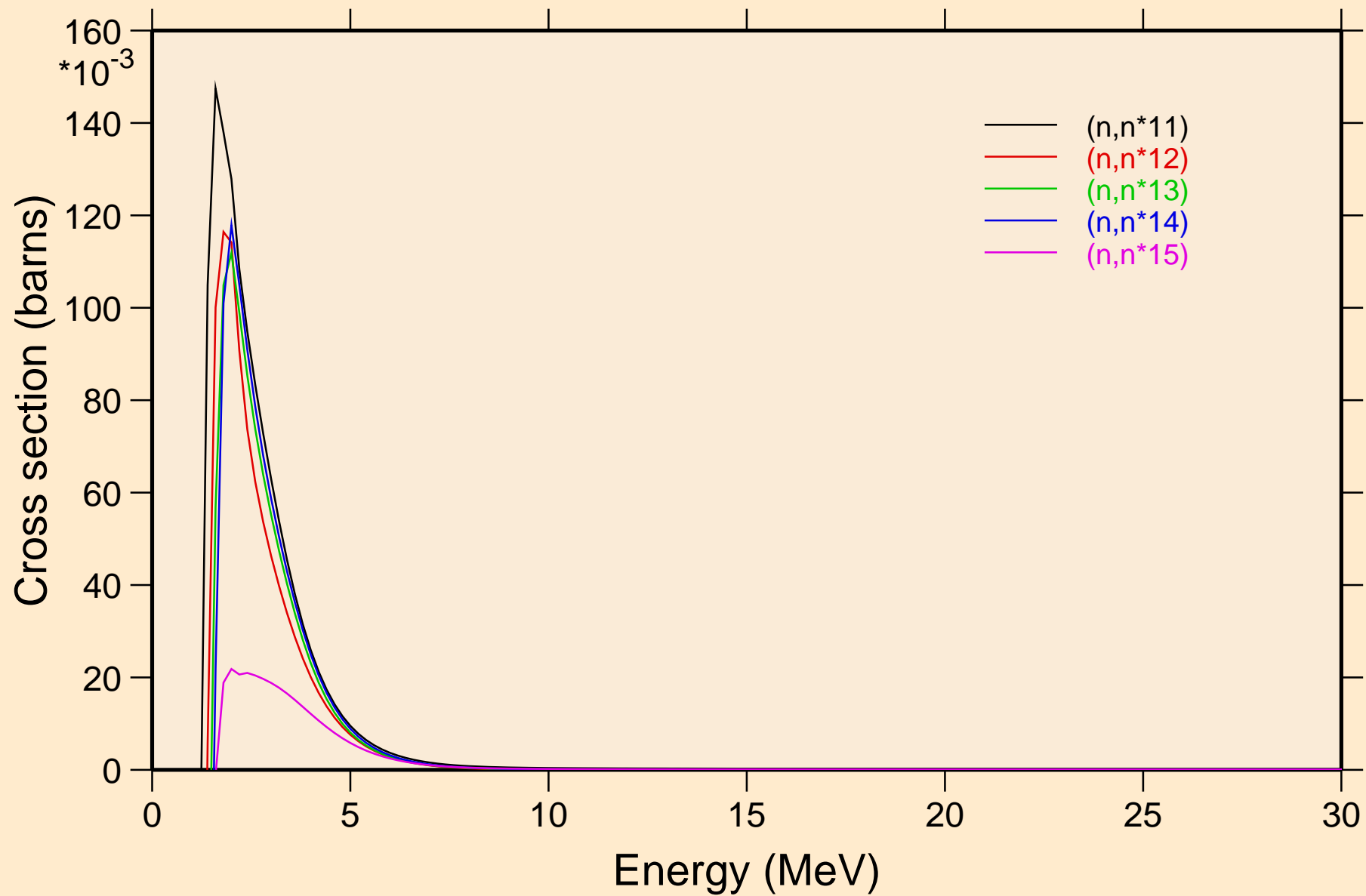
# RU097 NRG TENDL-2015, AKONING

## Inelastic levels



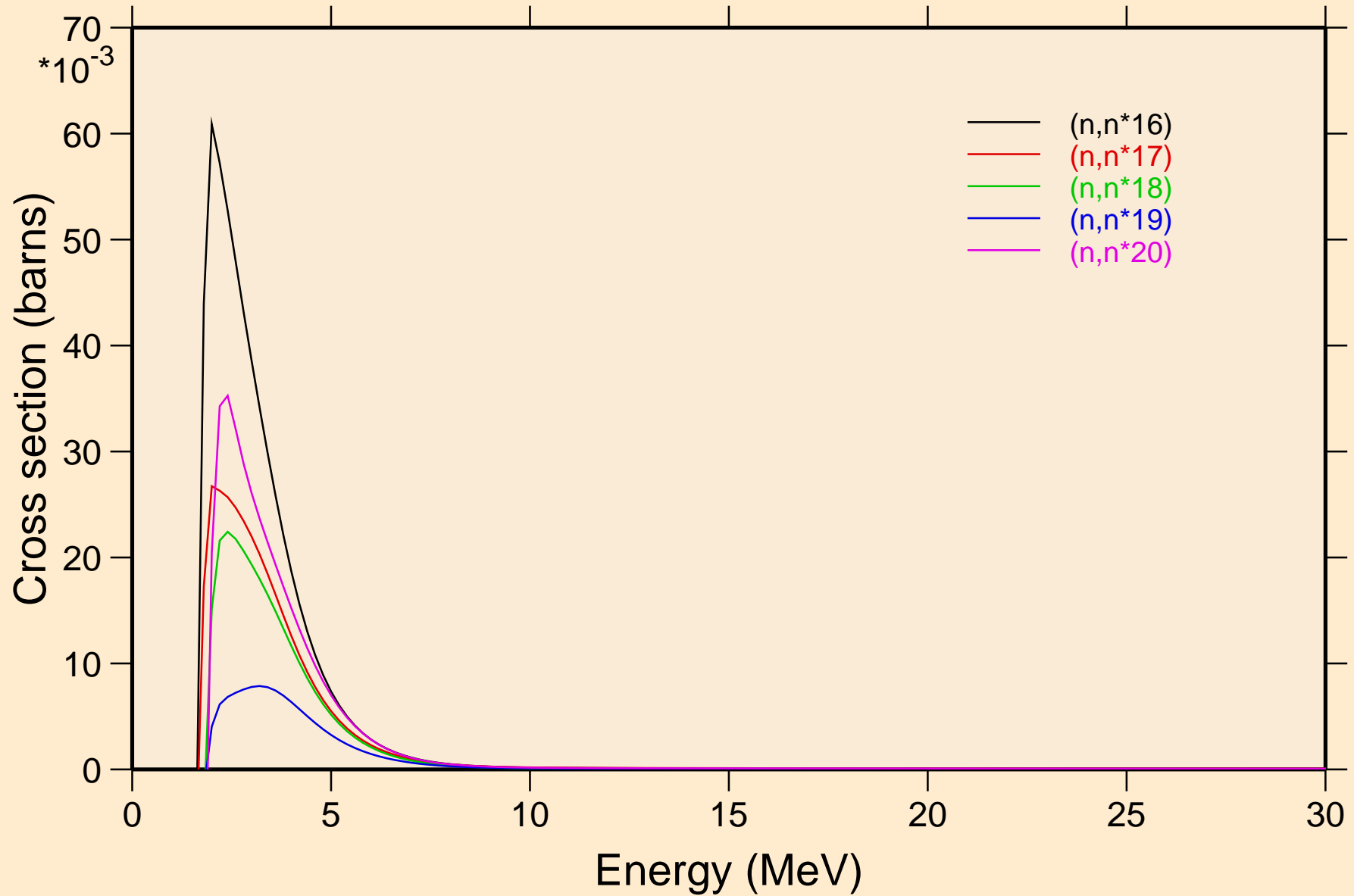
# RU097 NRG TENDL-2015, AKONING

## Inelastic levels



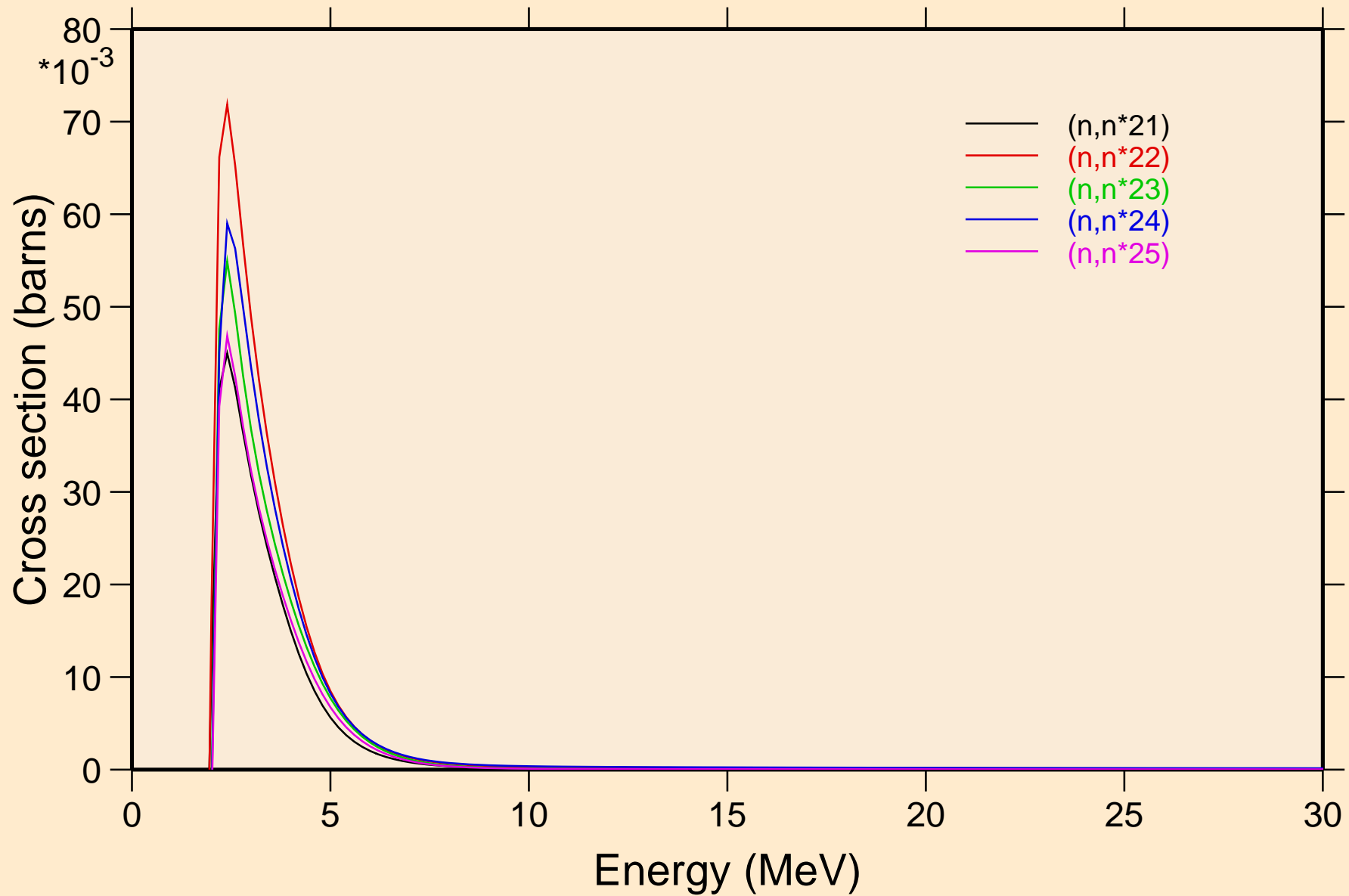
# RU097 NRG TENDL-2015, AKONING

## Inelastic levels



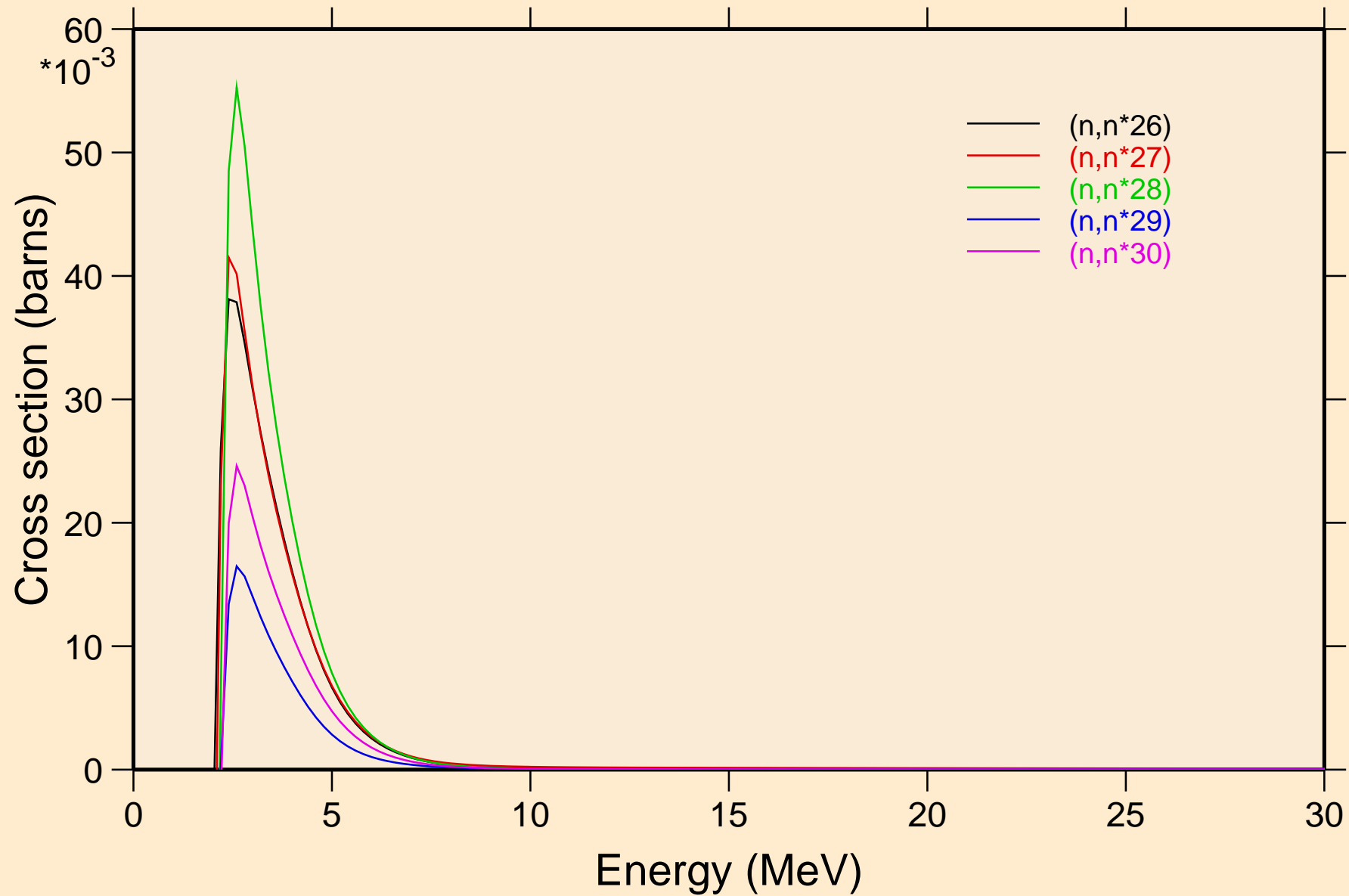
# RU097 NRG TENDL-2015, AKONING

## Inelastic levels



# RU097 NRG TENDL-2015, AKONING

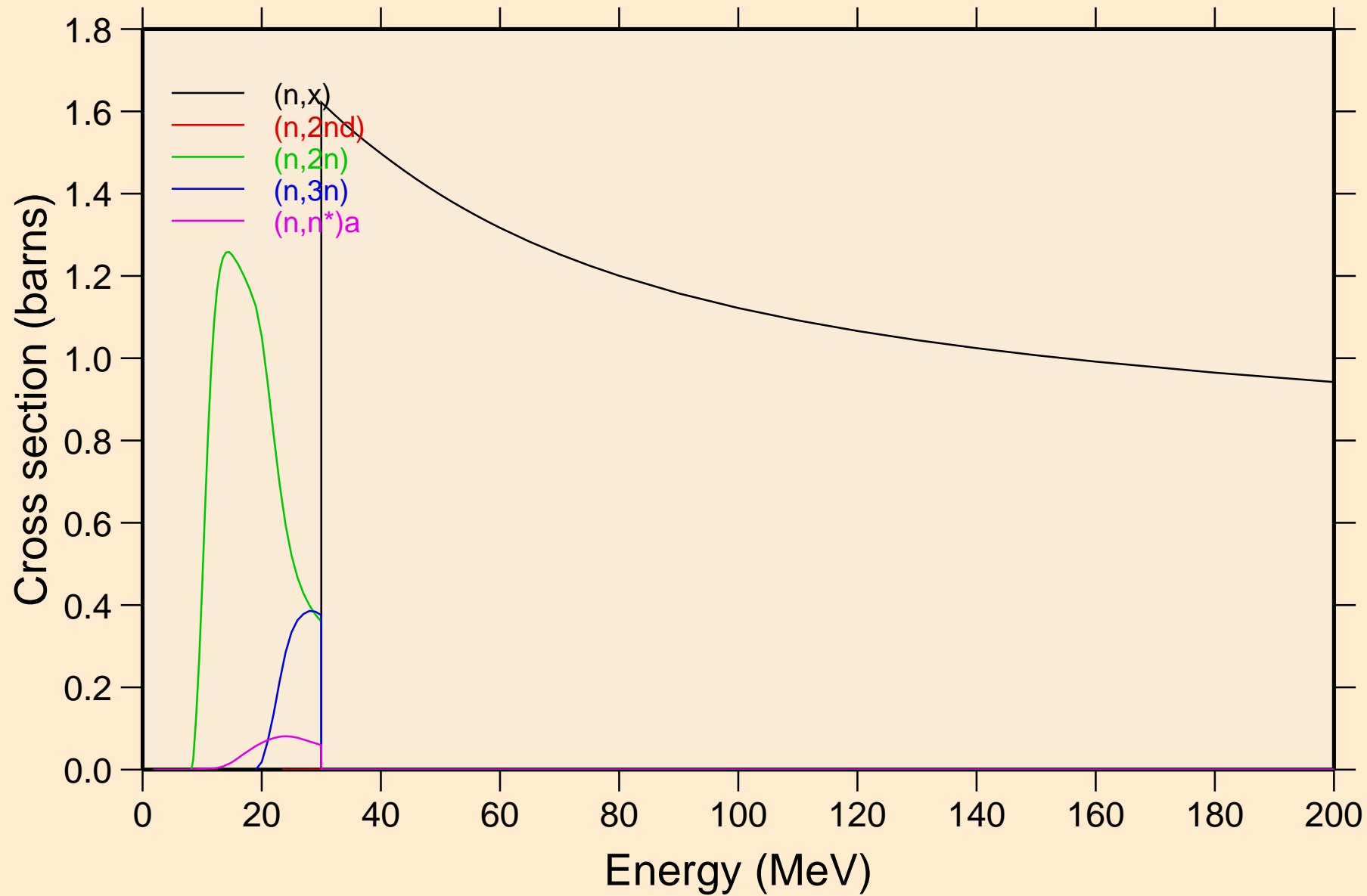
## Inelastic levels





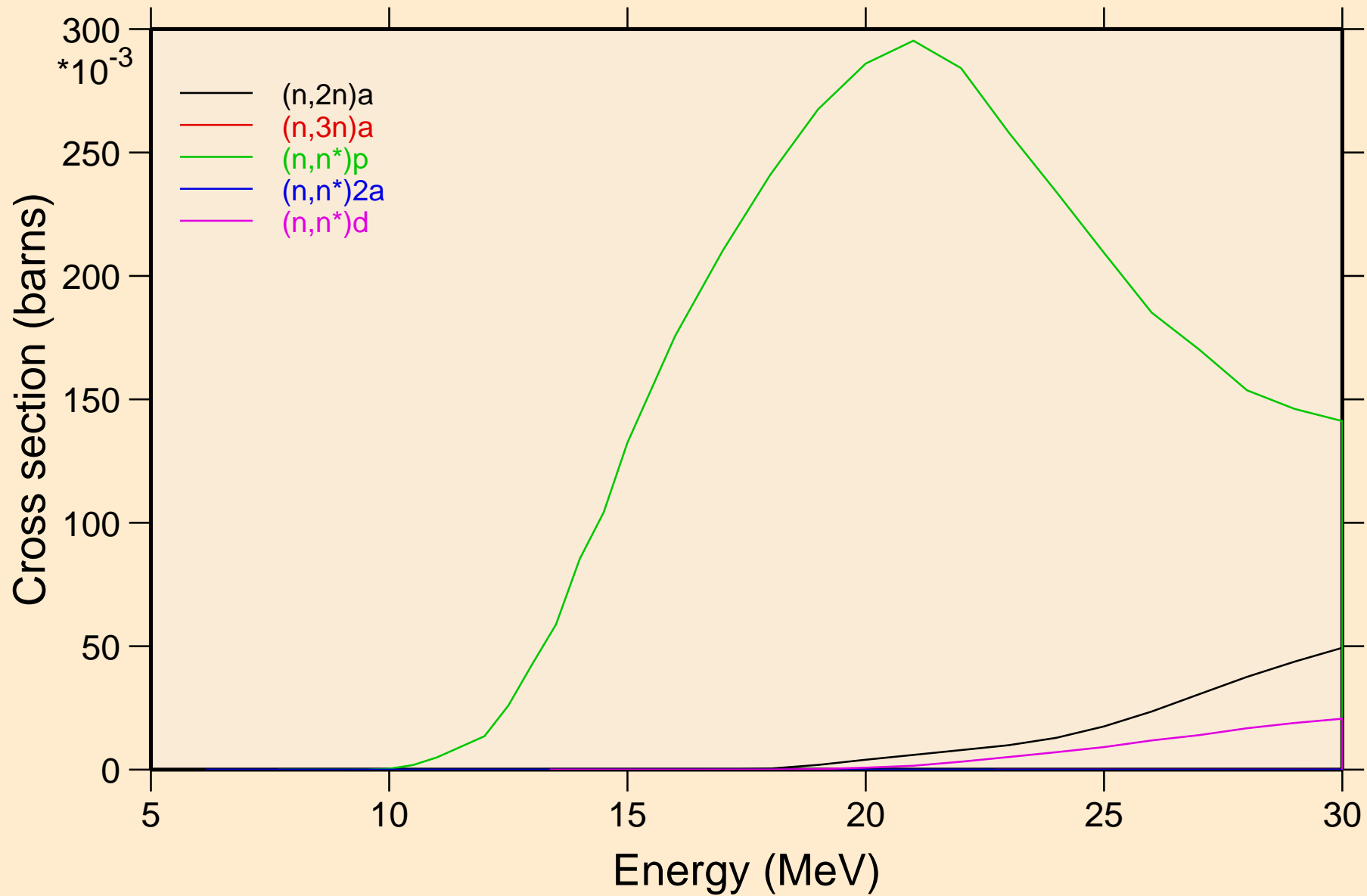
# RU097 NRG TENDL-2015, AKONING

## Threshold reactions



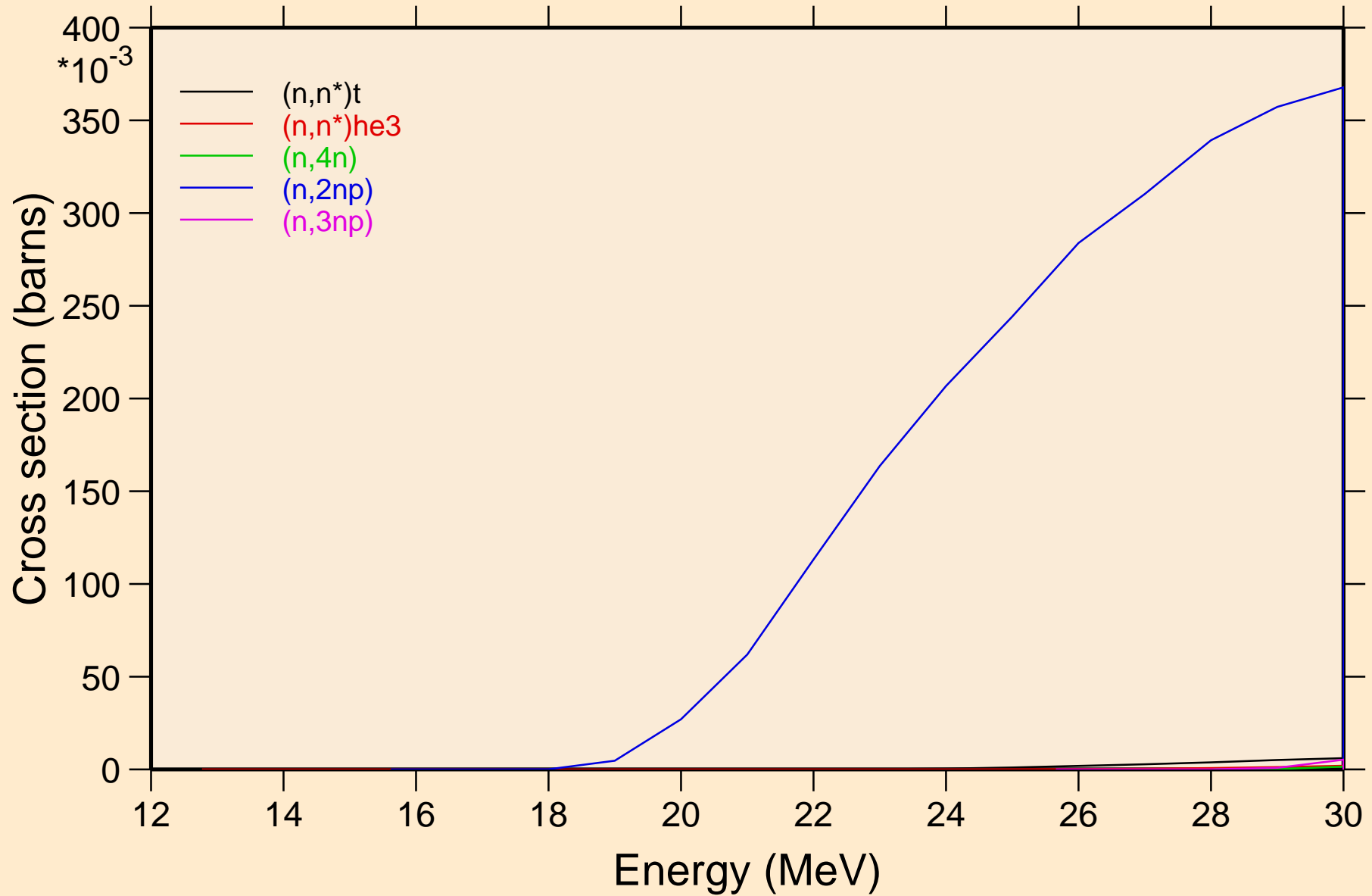
# RU097 NRG TENDL-2015, AKONING

## Threshold reactions



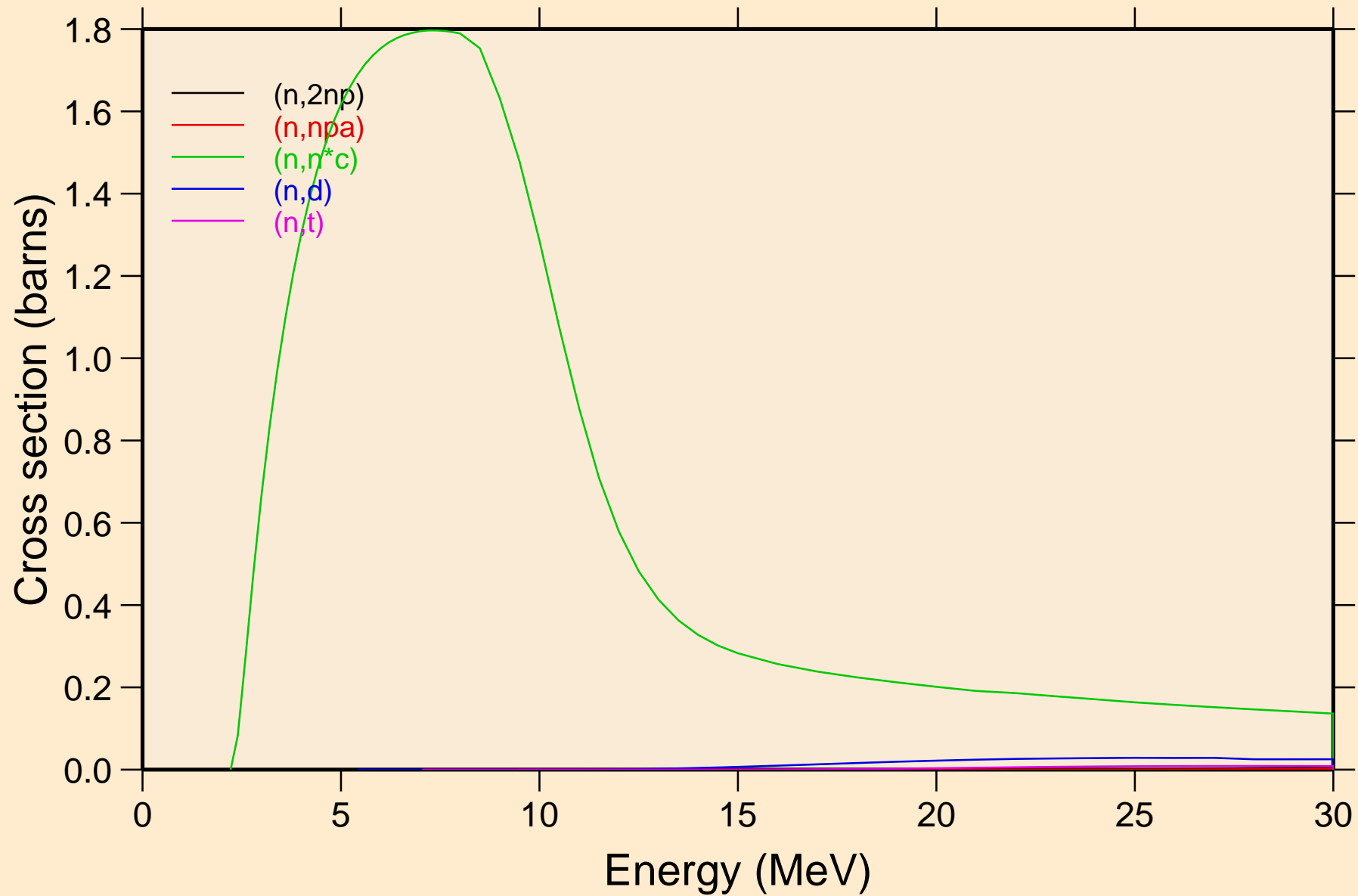
# RU097 NRG TENDL-2015, AKONING

## Threshold reactions



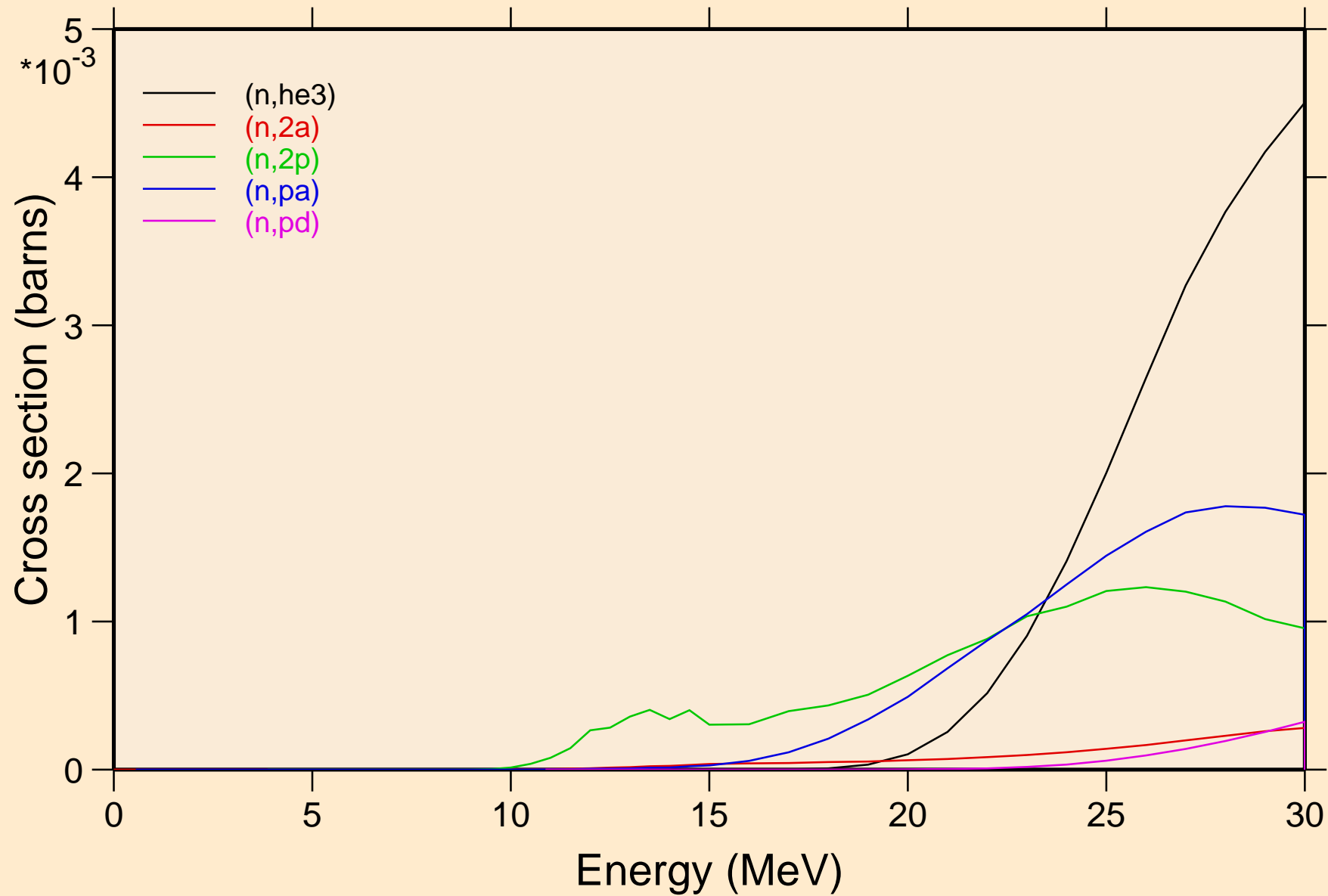
# RU097 NRG TENDL-2015, AKONING

## Threshold reactions



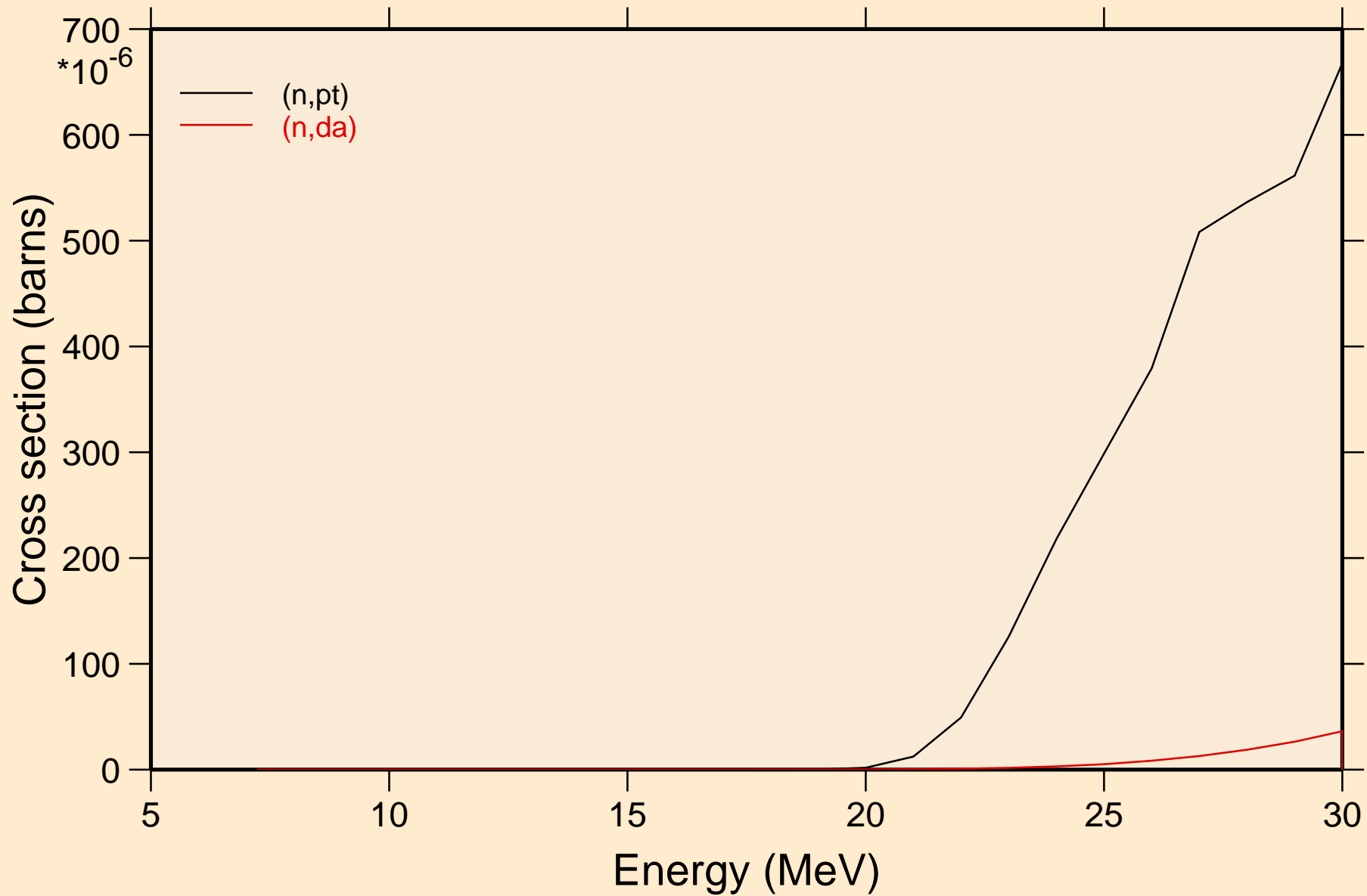
# RU097 NRG TENDL-2015, AKONING

## Threshold reactions

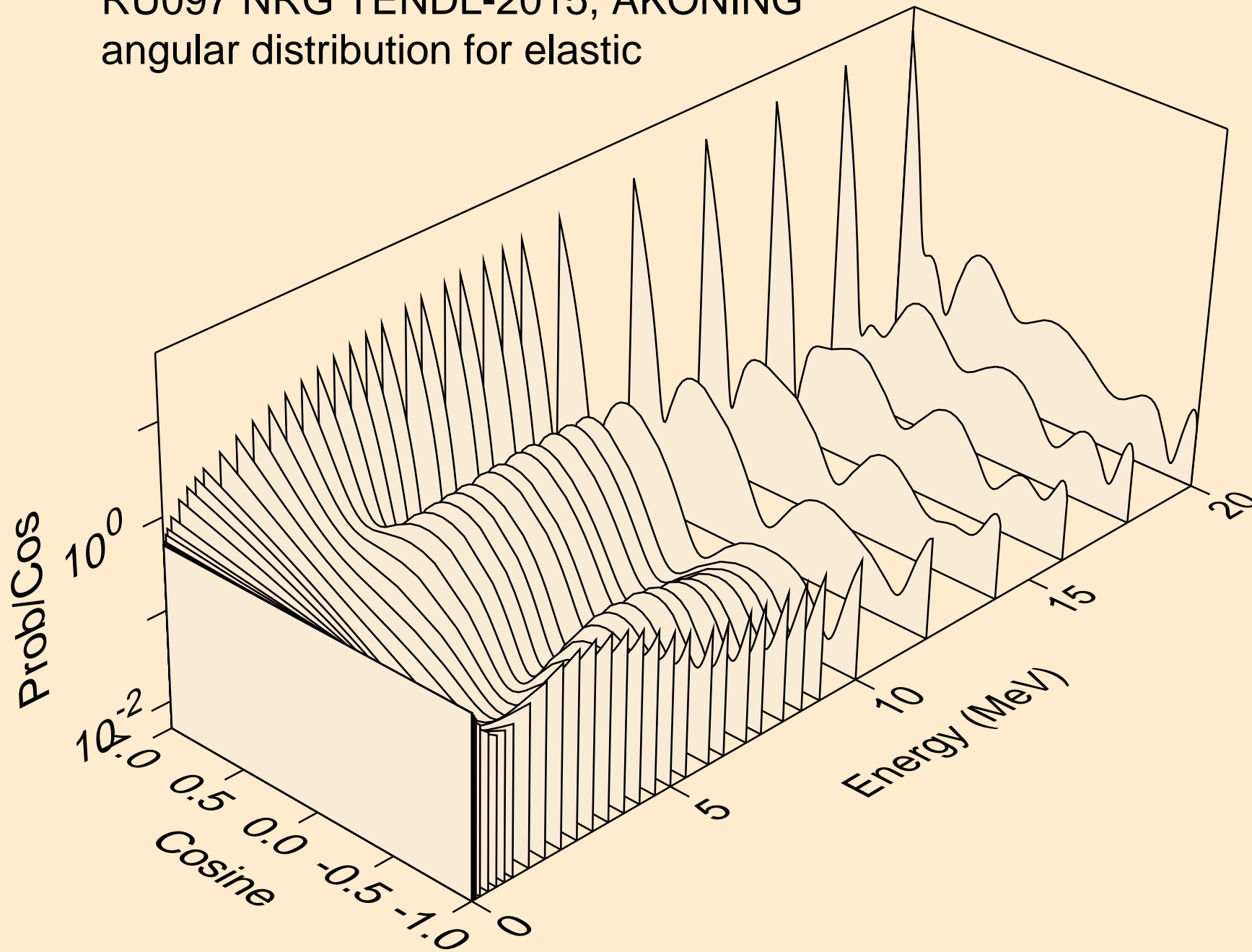


# RU097 NRG TENDL-2015, AKONING

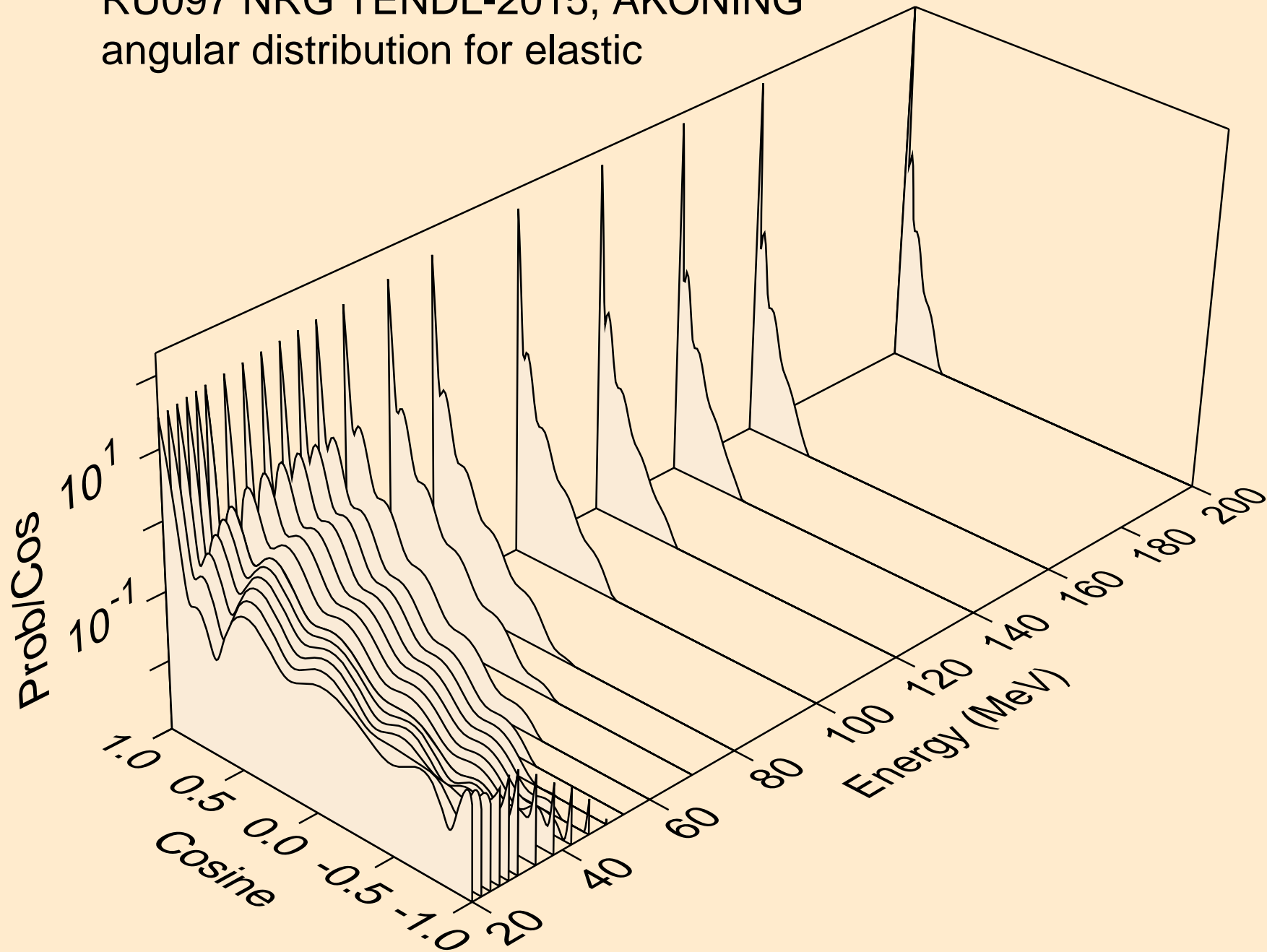
## Threshold reactions



RU097 NRG TENDL-2015, AKONING  
angular distribution for elastic

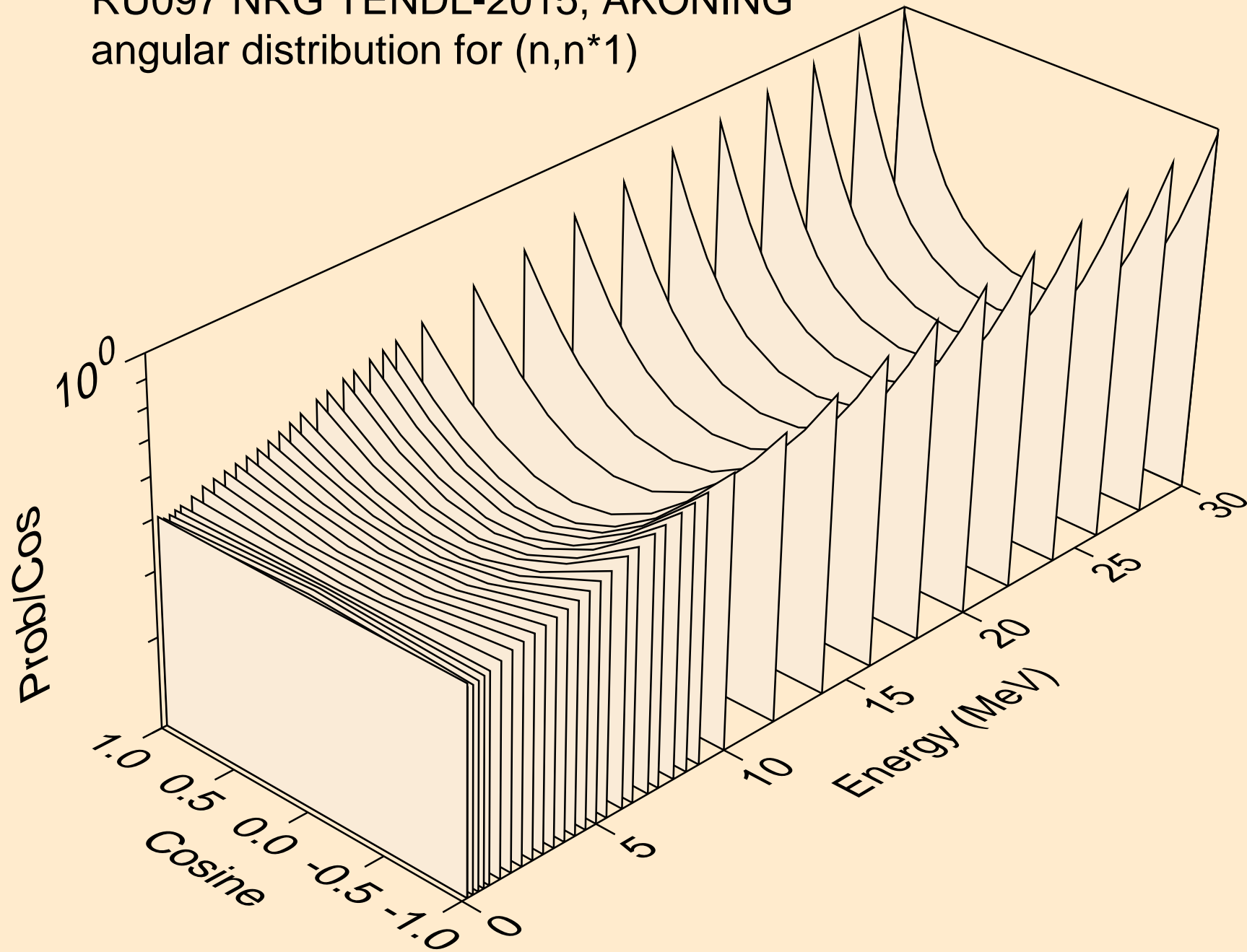


RU097 NRG TENDL-2015, AKONING  
angular distribution for elastic

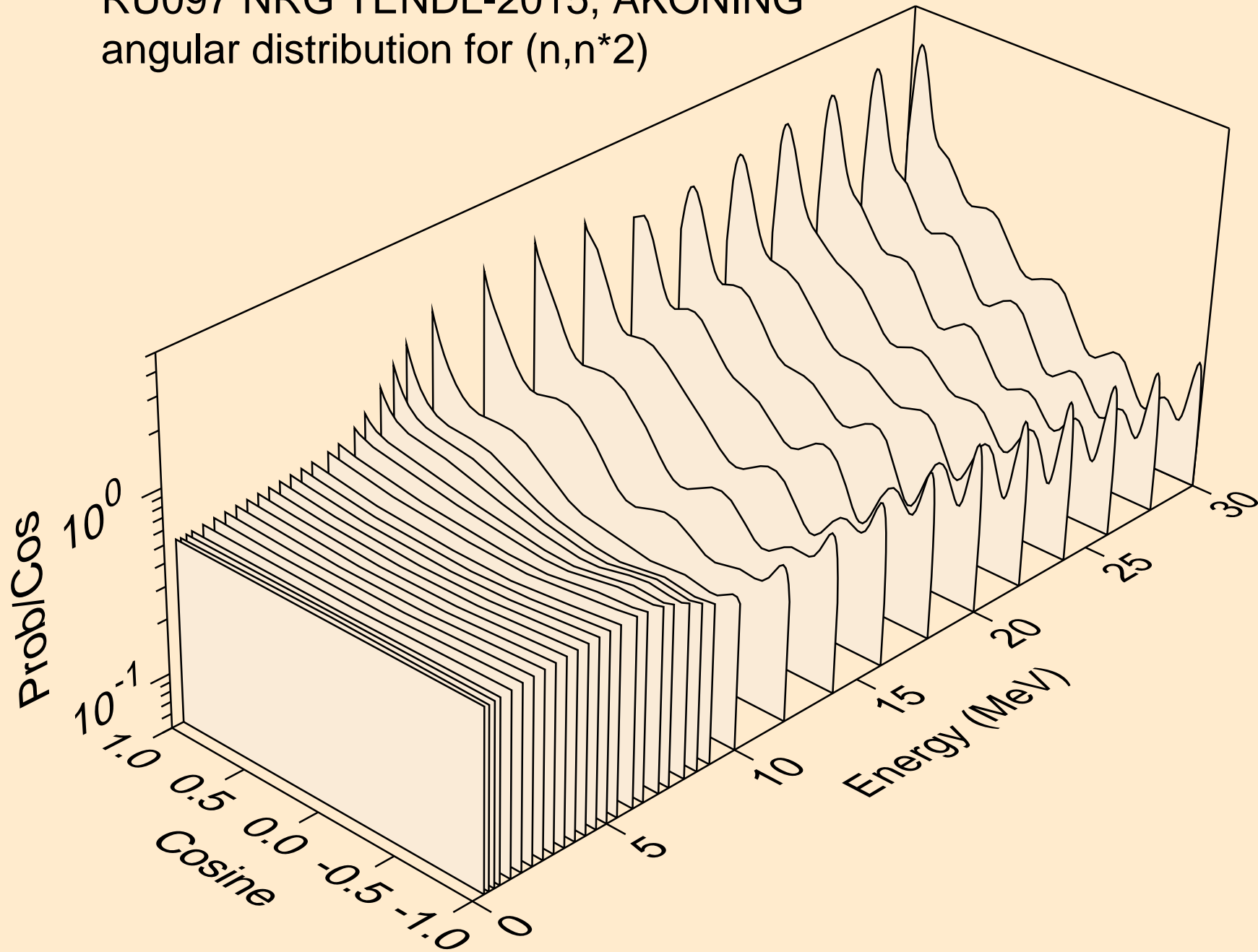




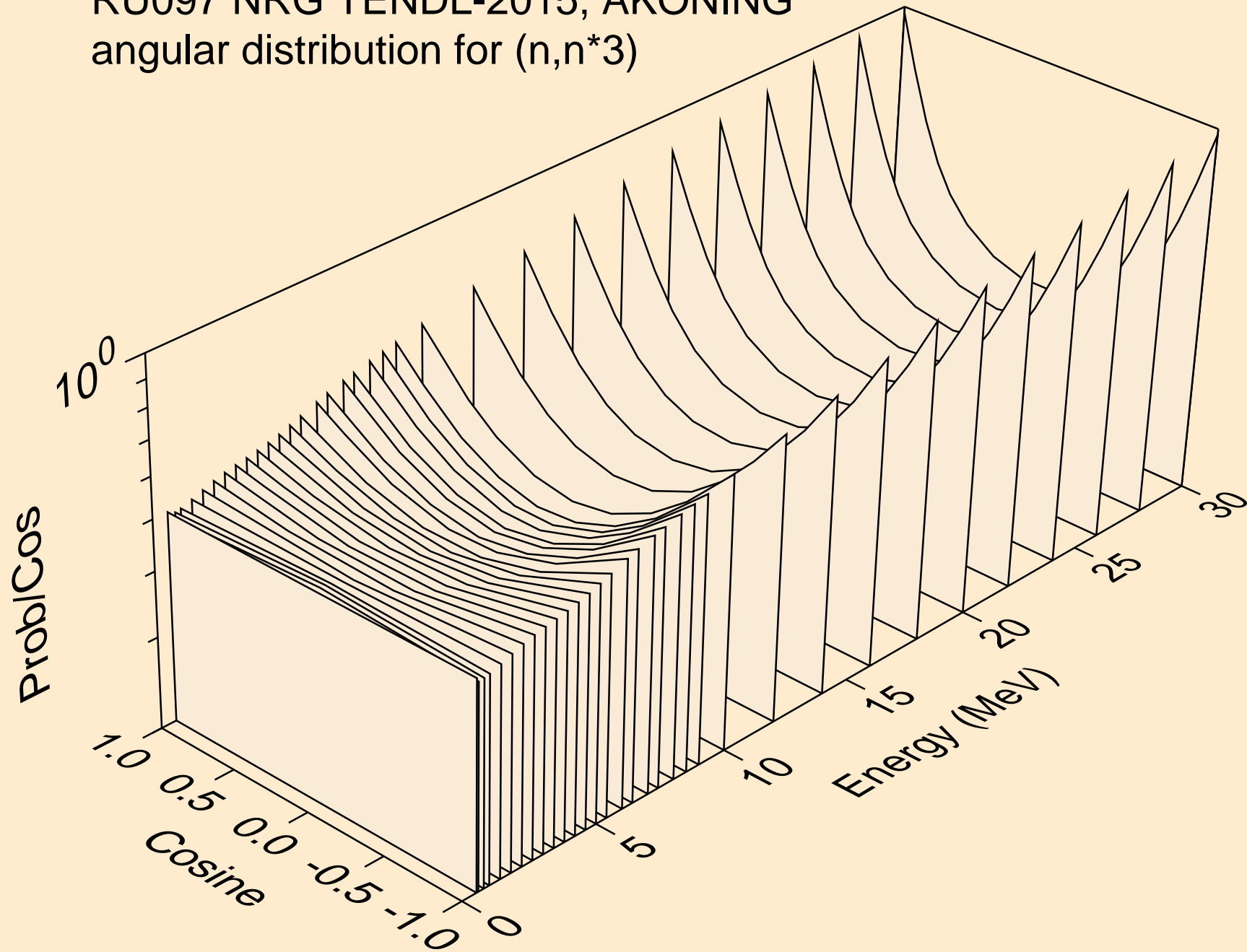
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



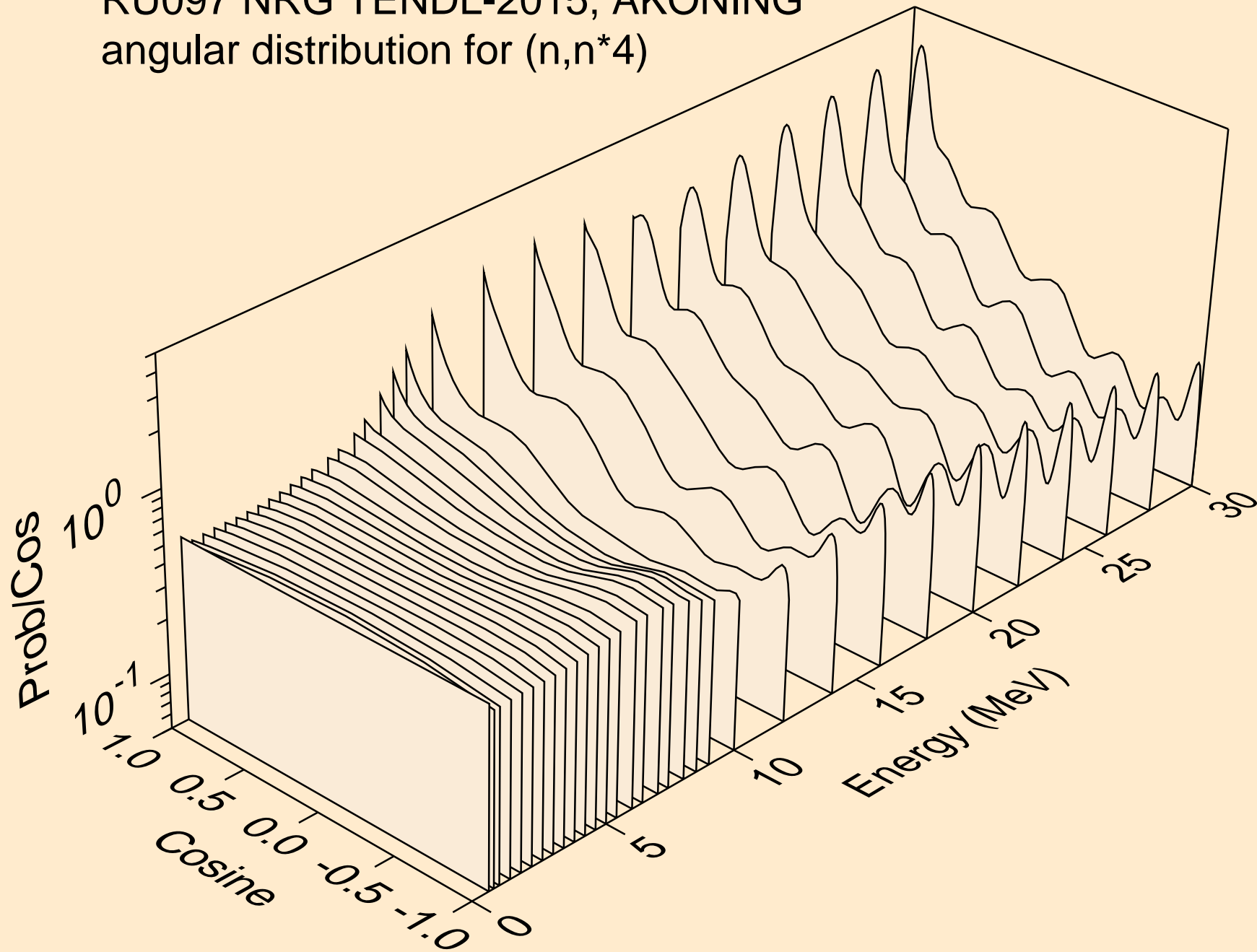
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



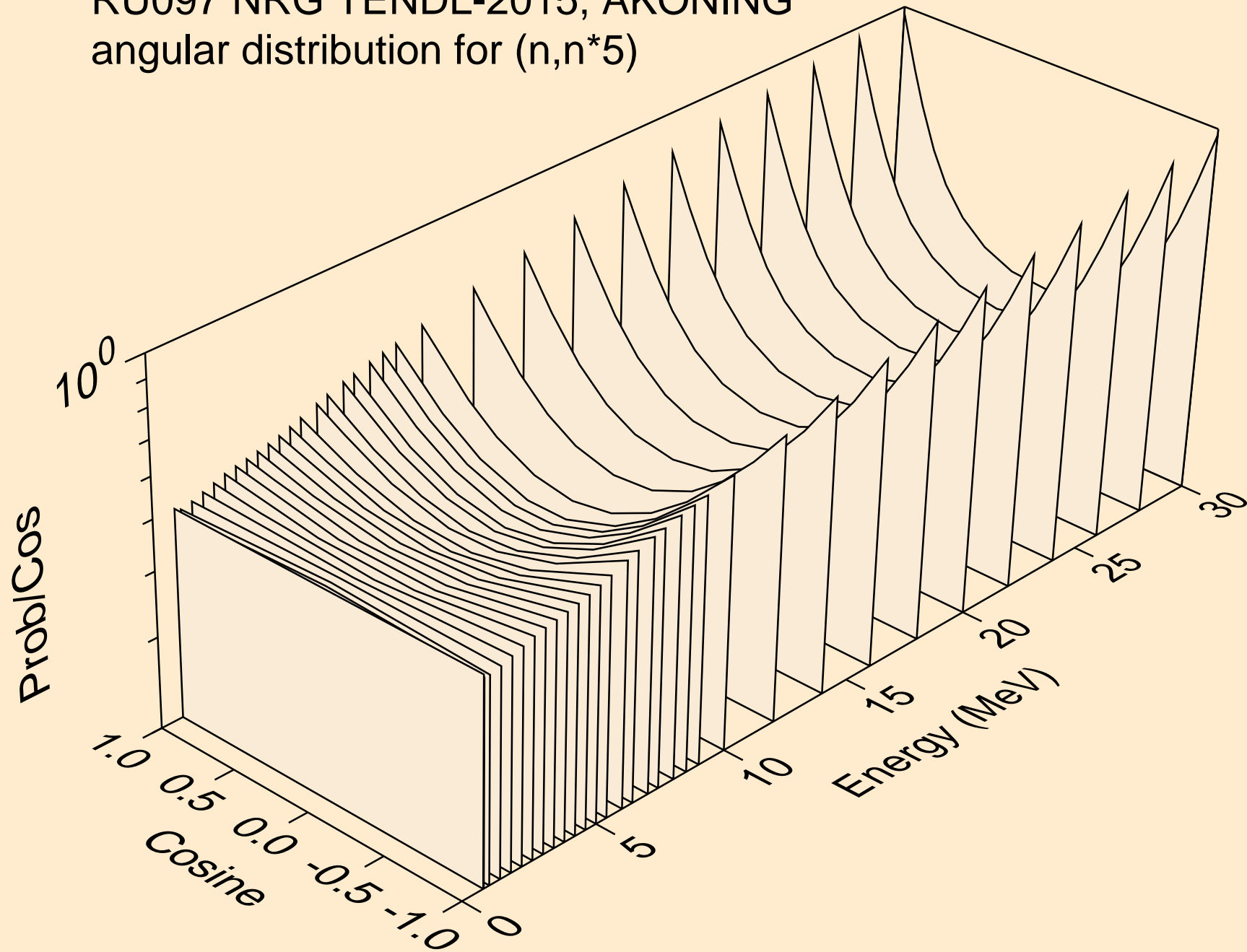
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



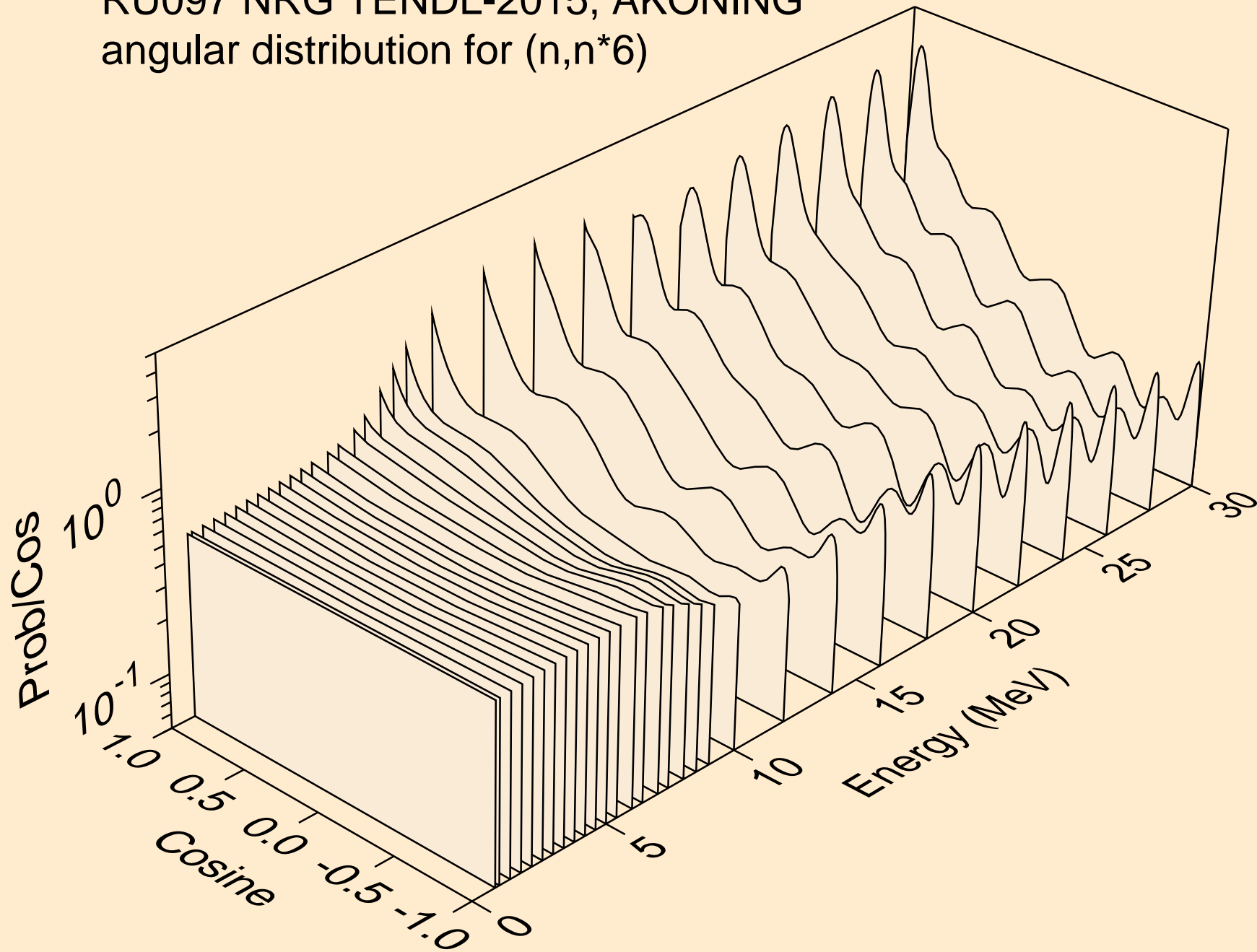
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



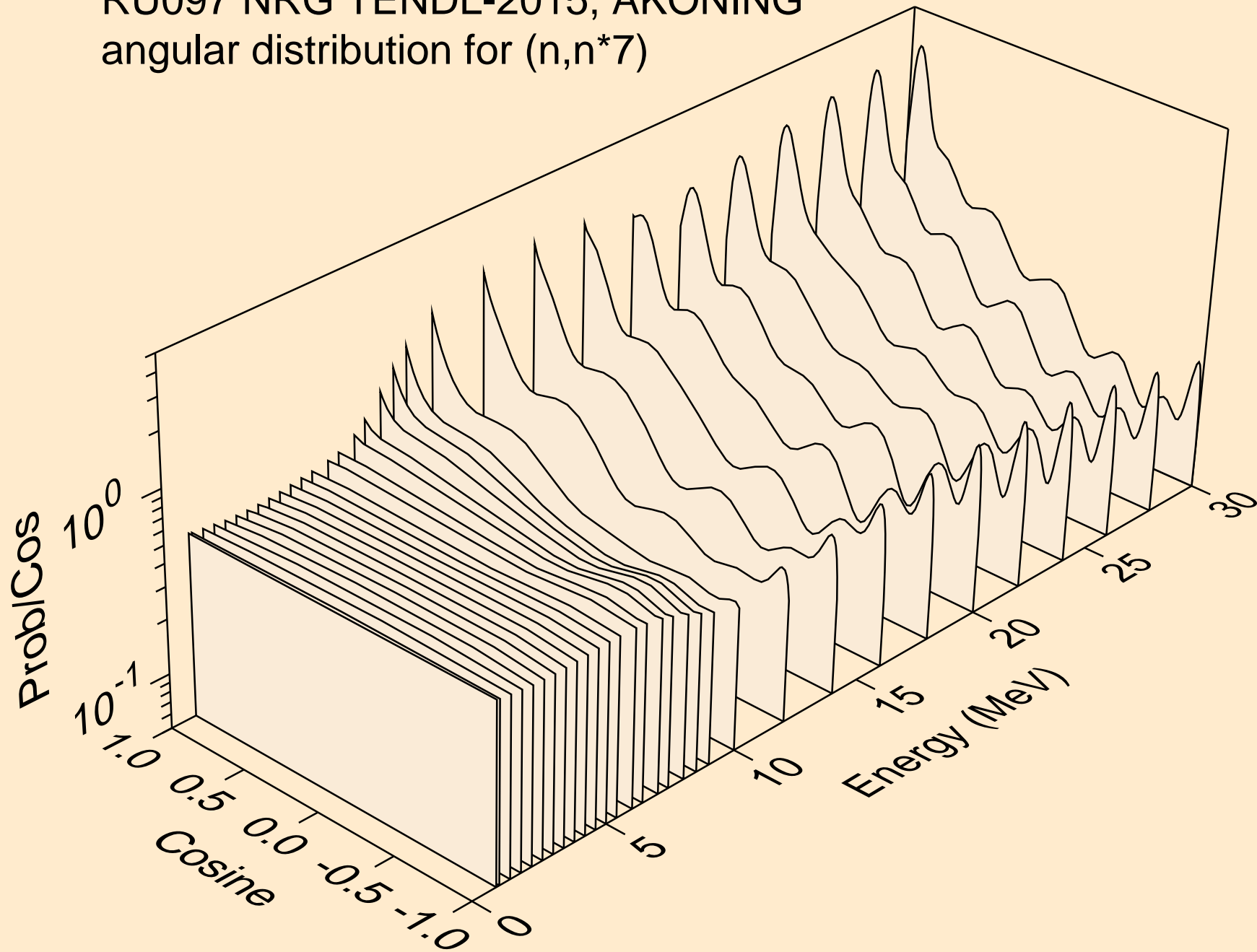
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



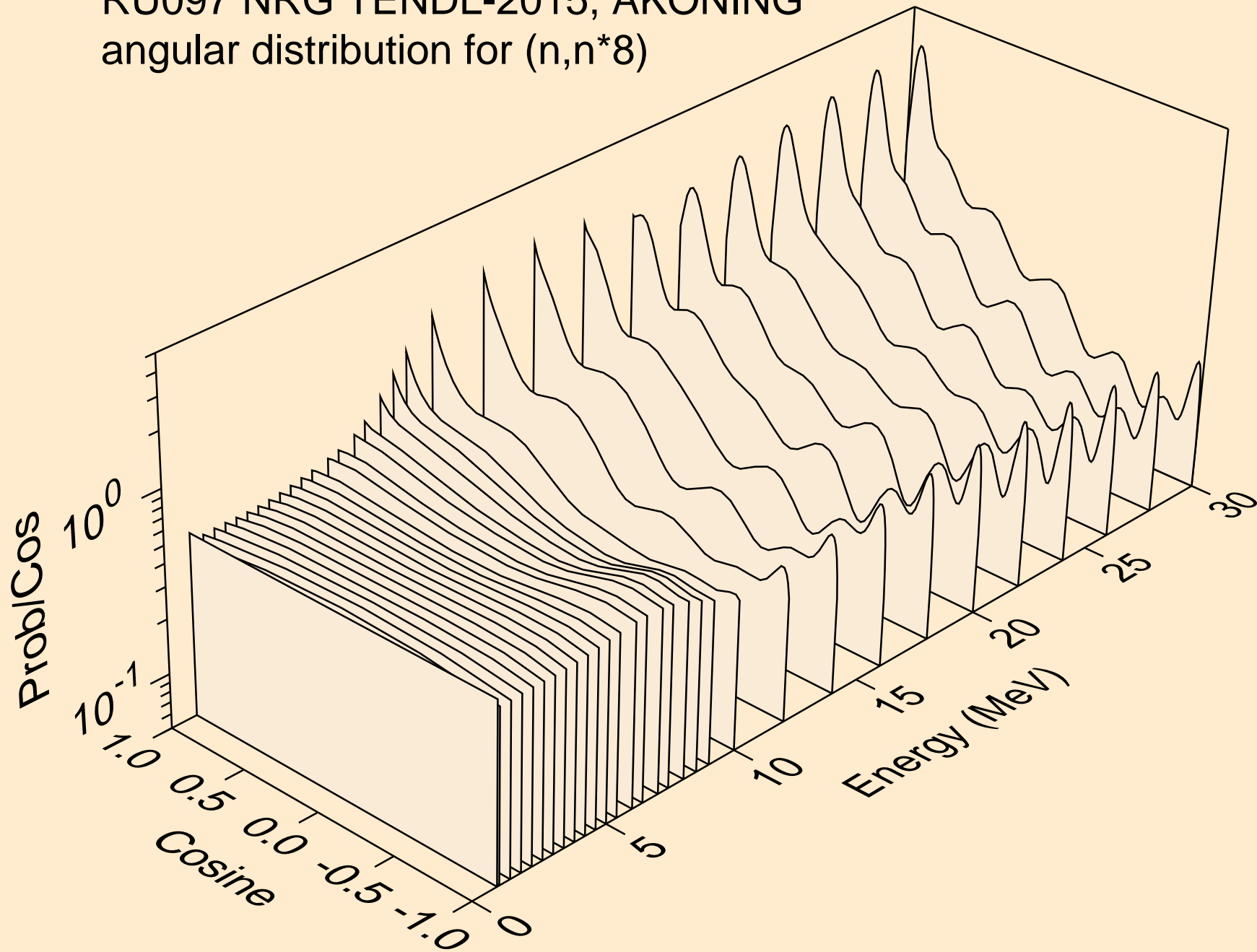
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

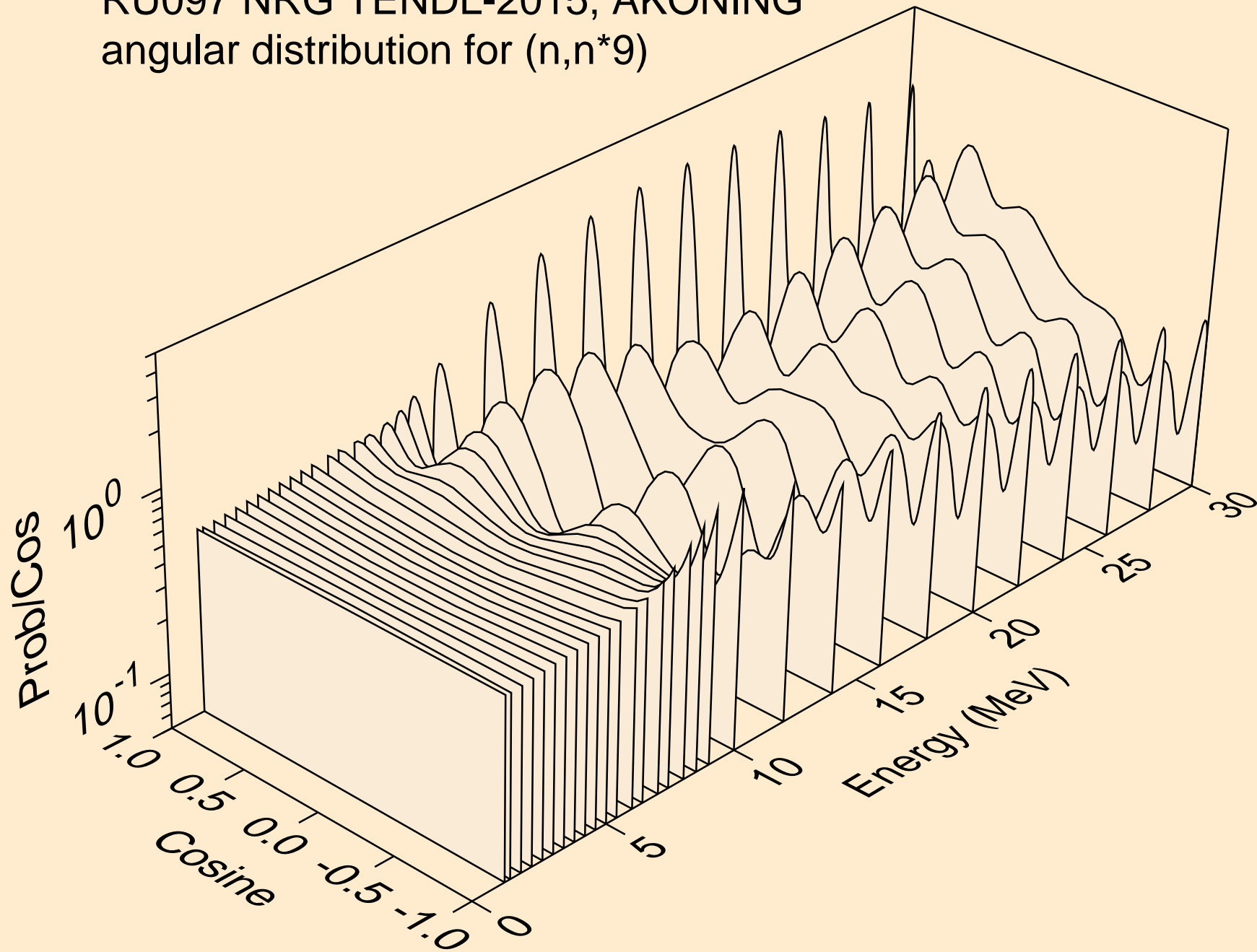


RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

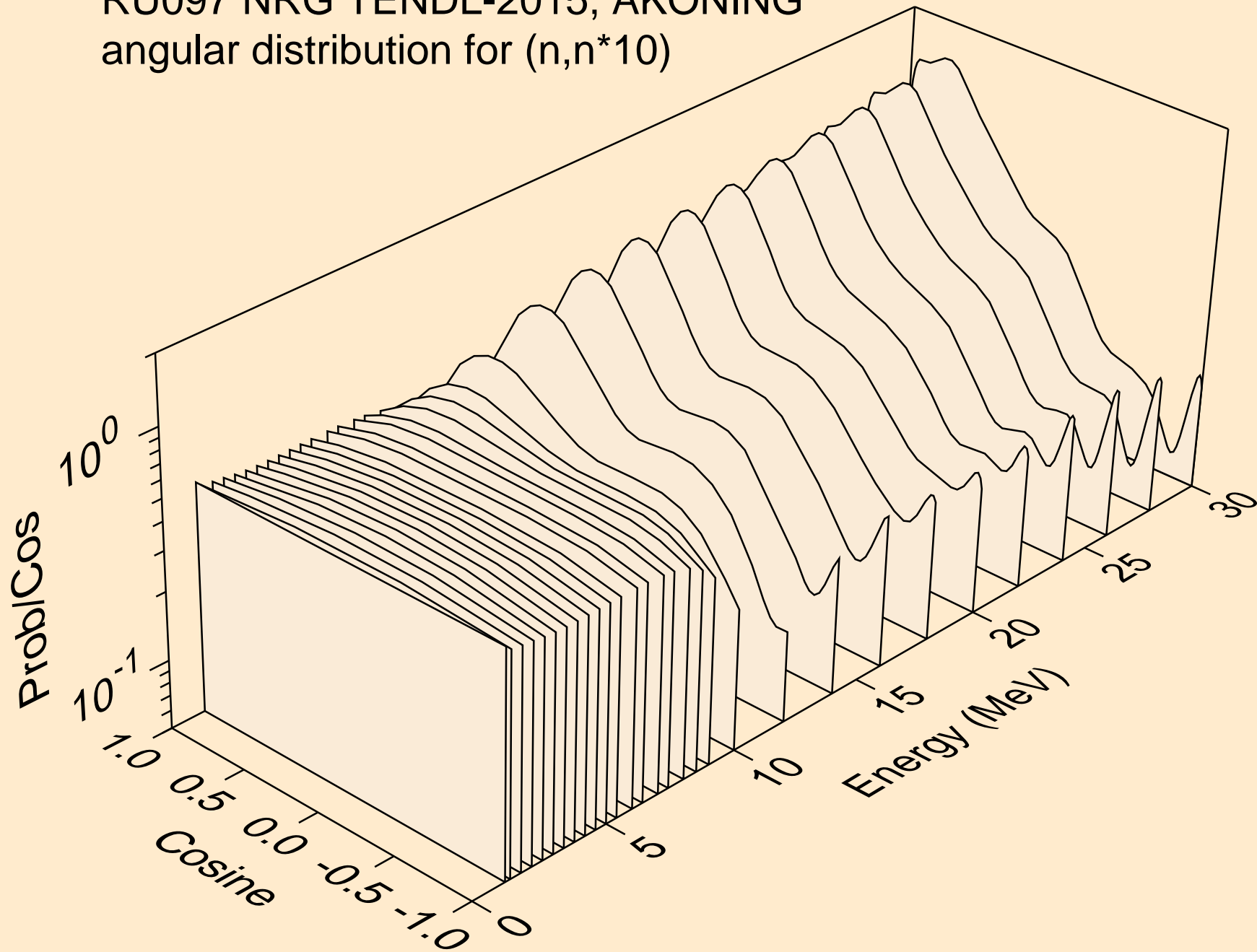




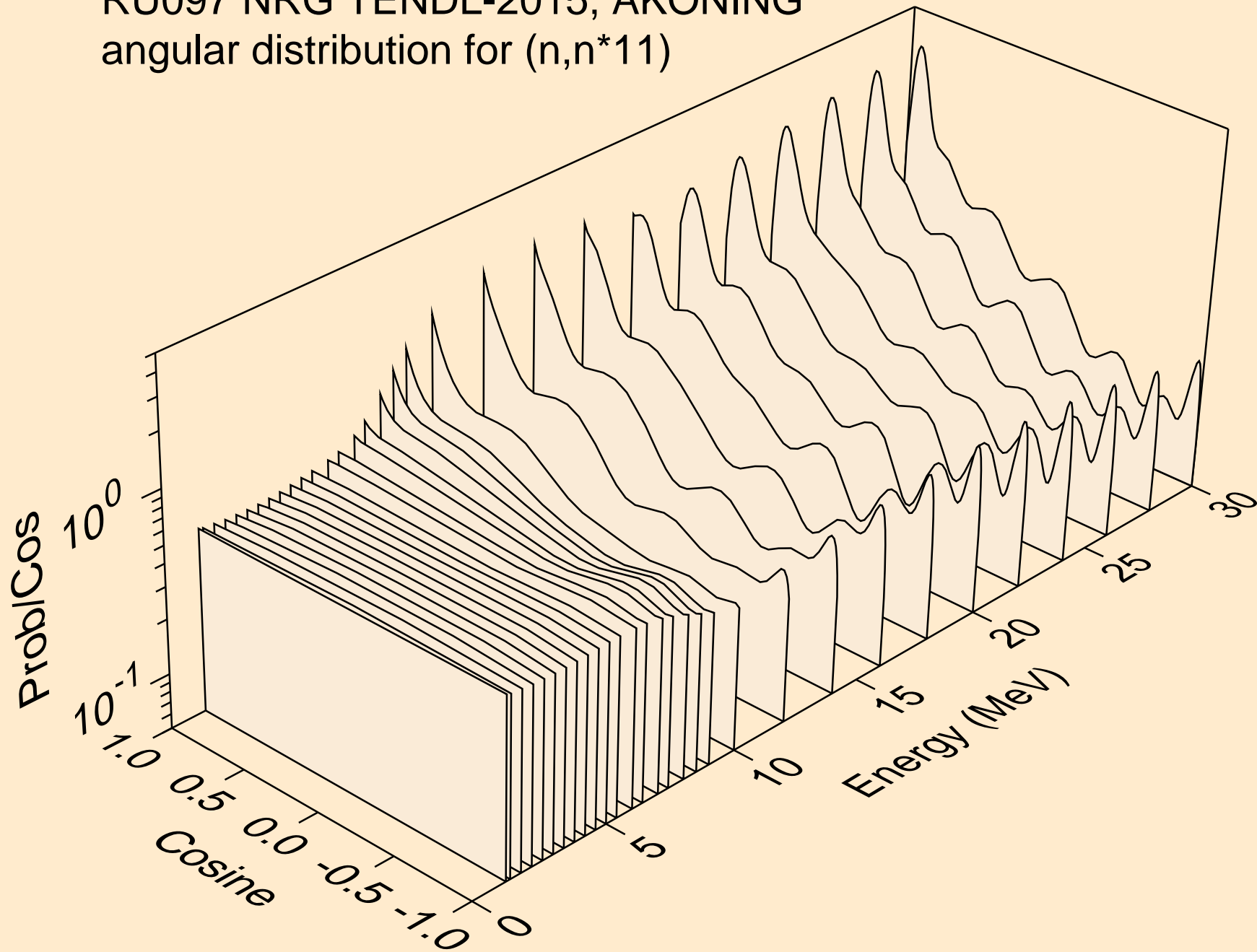
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



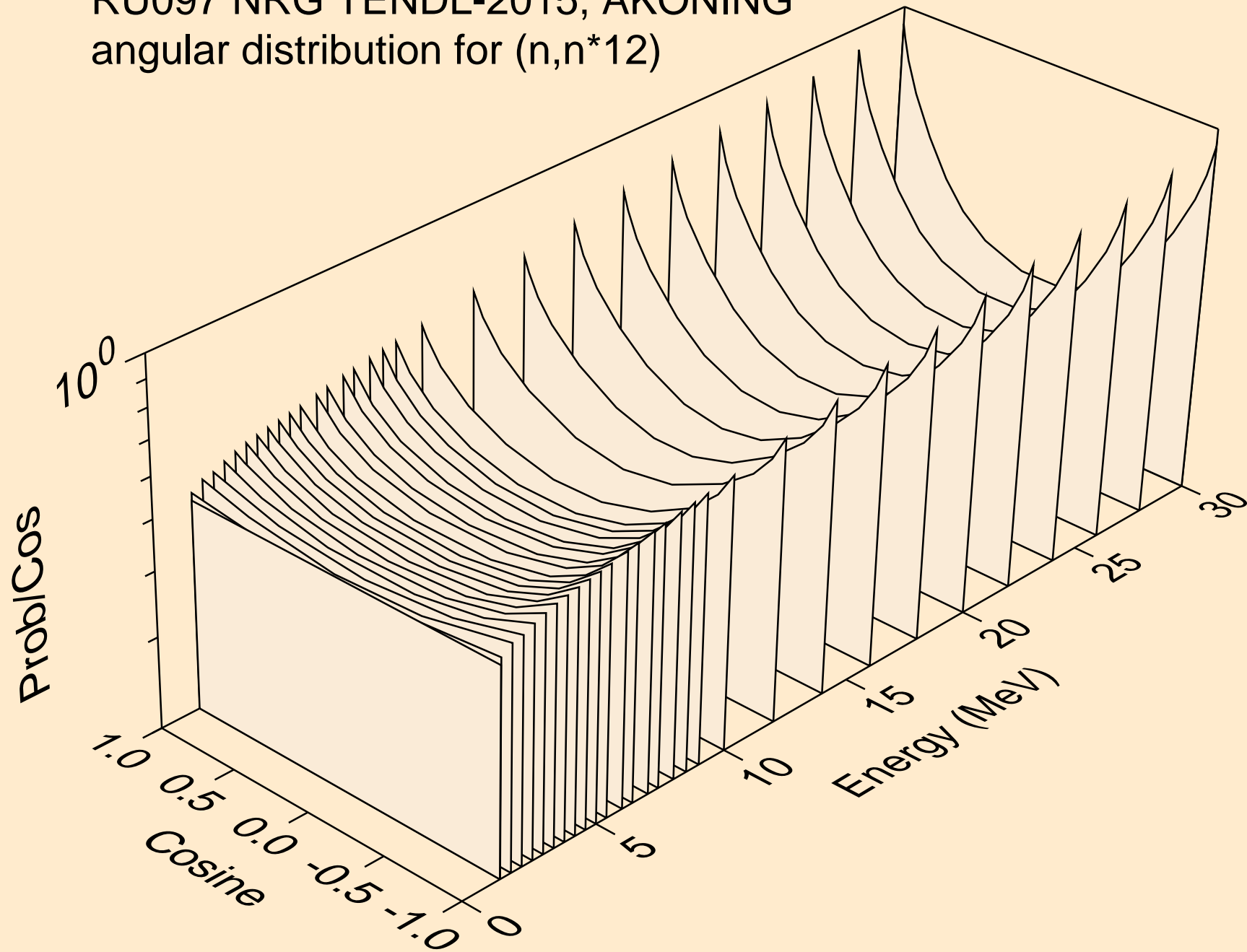
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



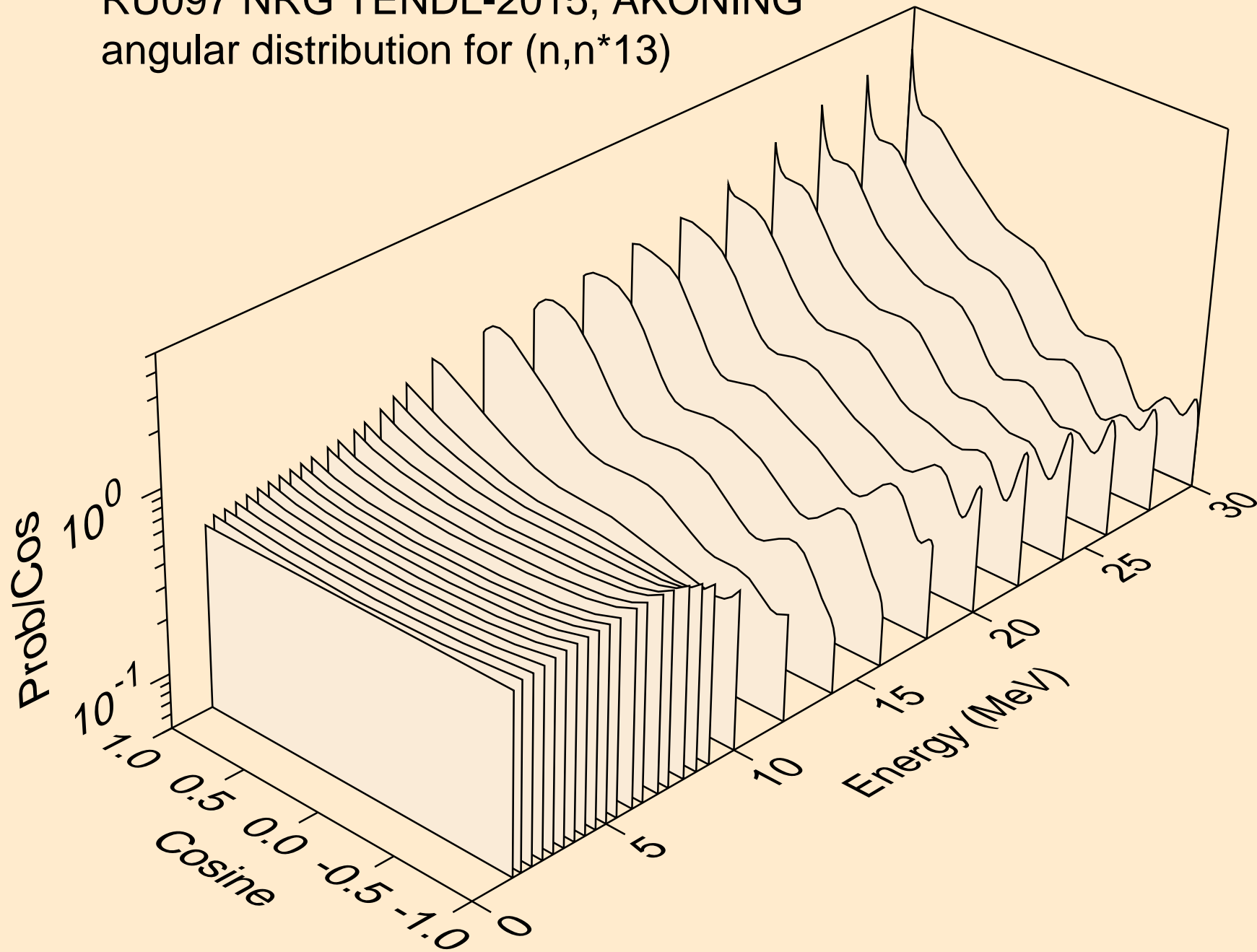
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



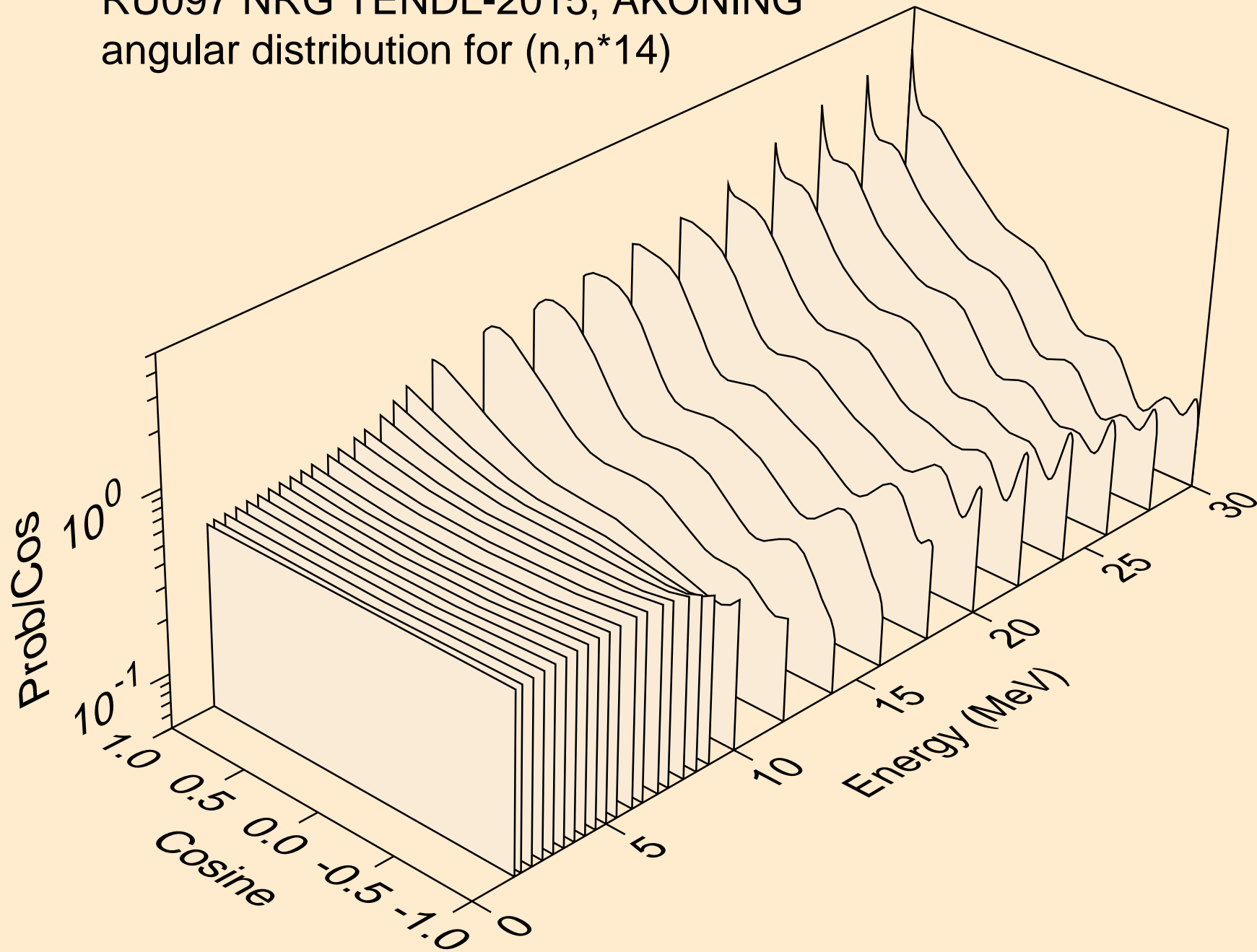
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



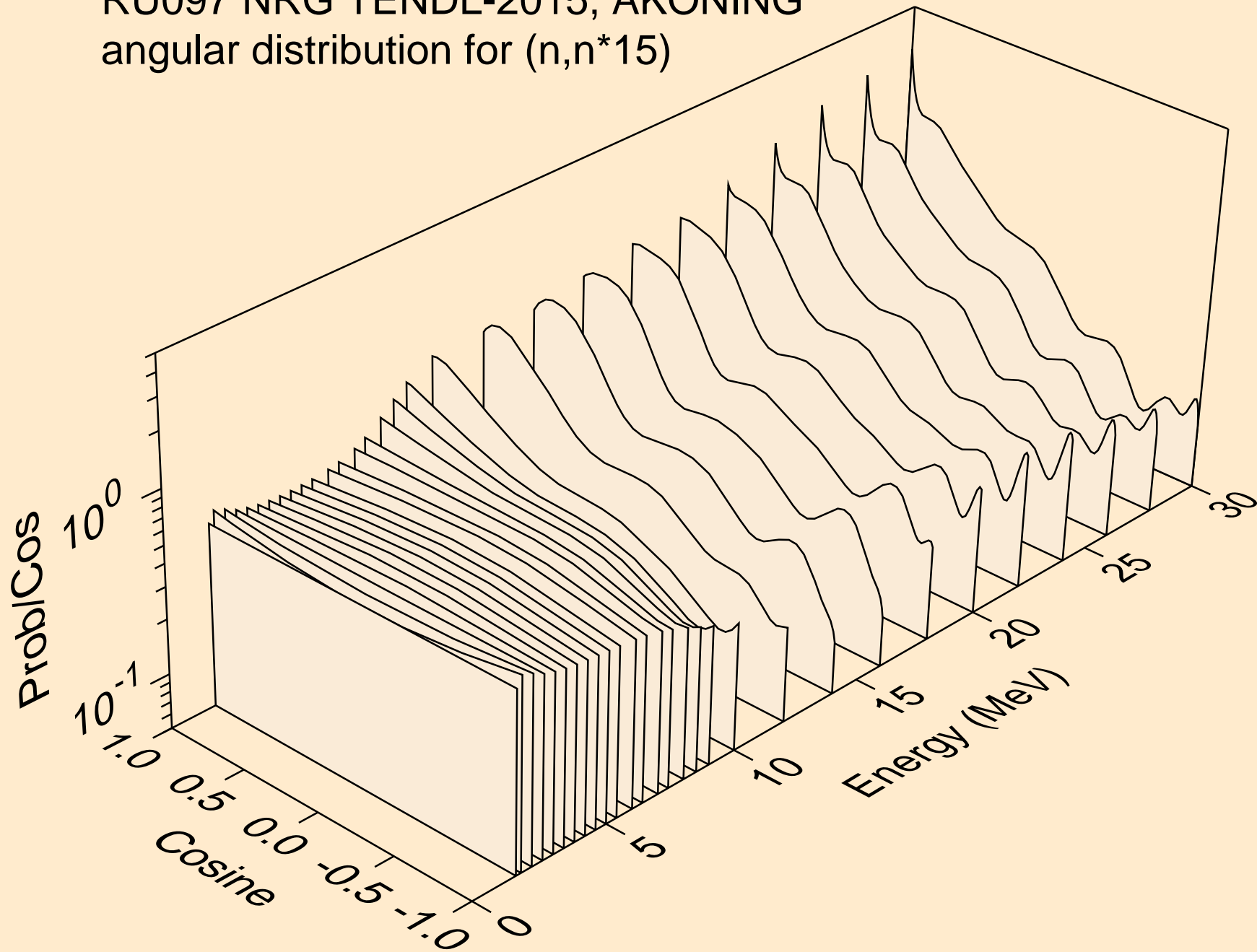
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



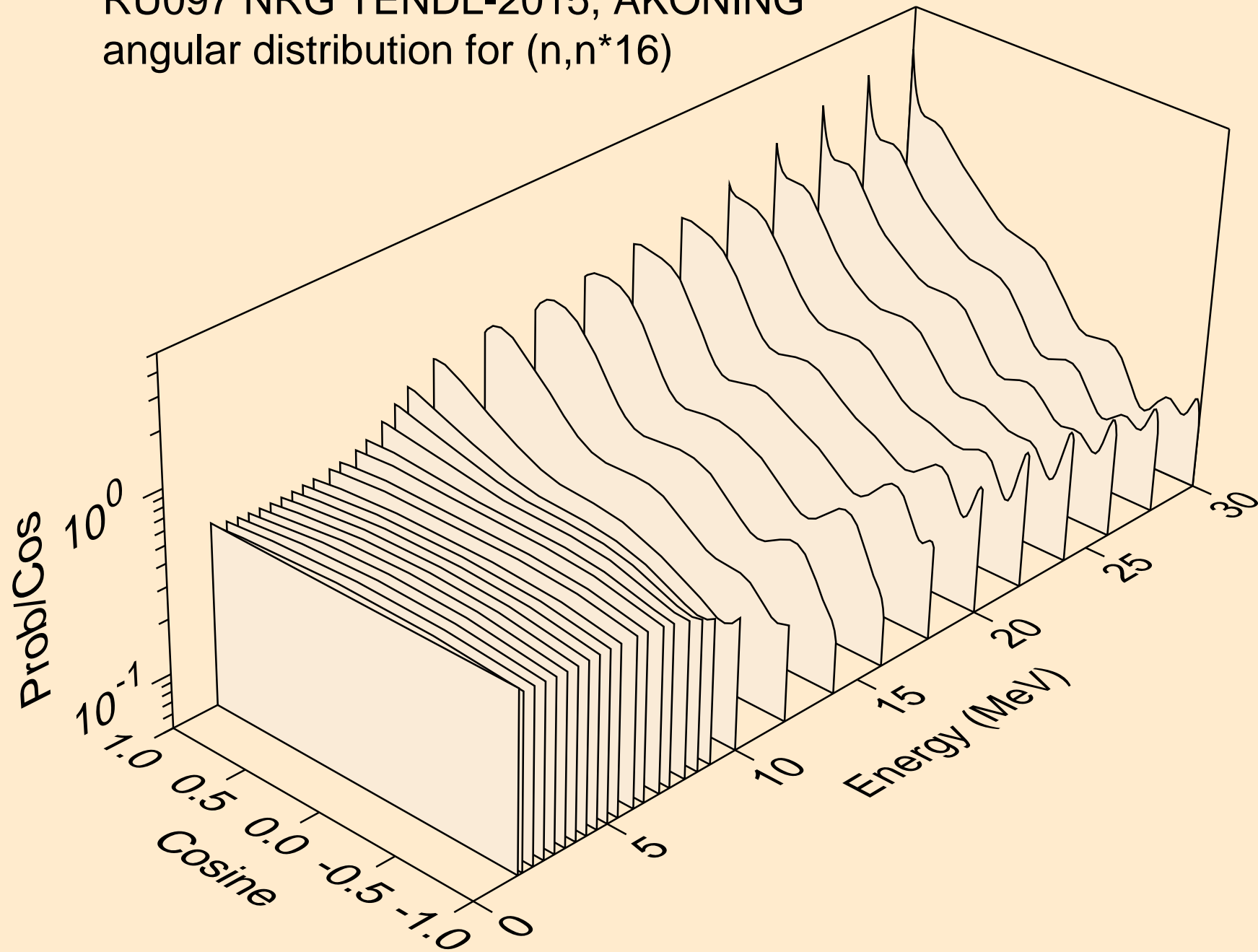
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

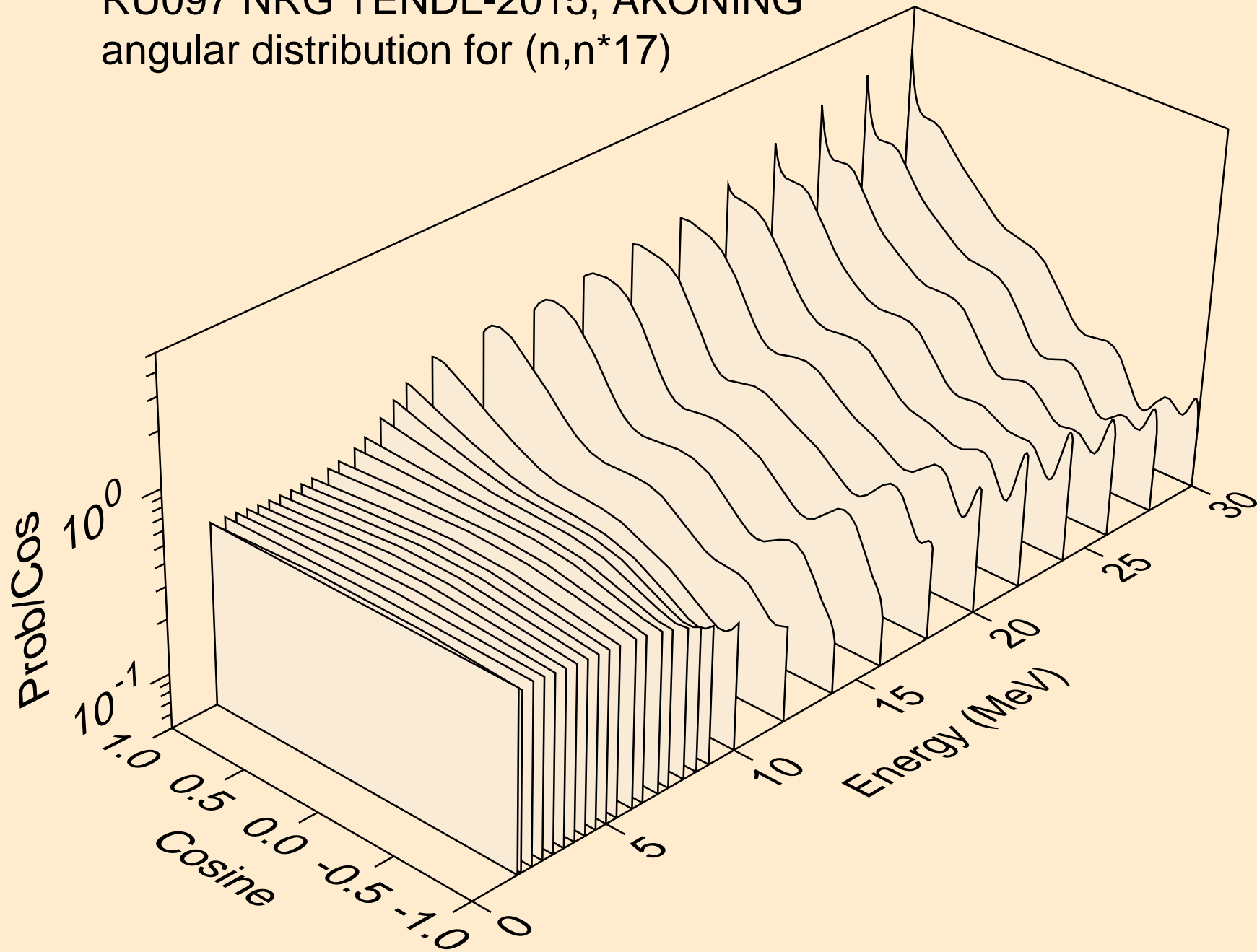


RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

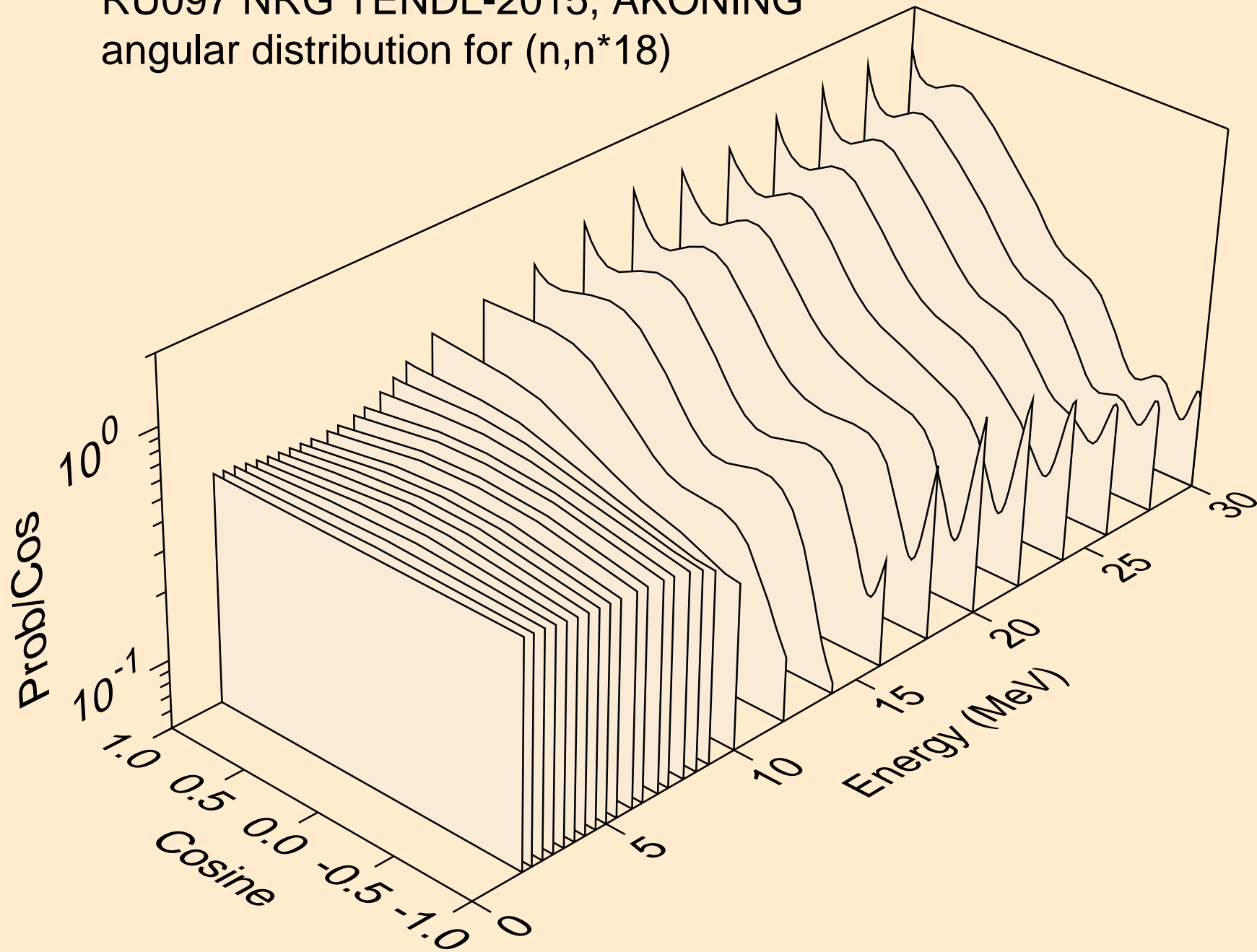




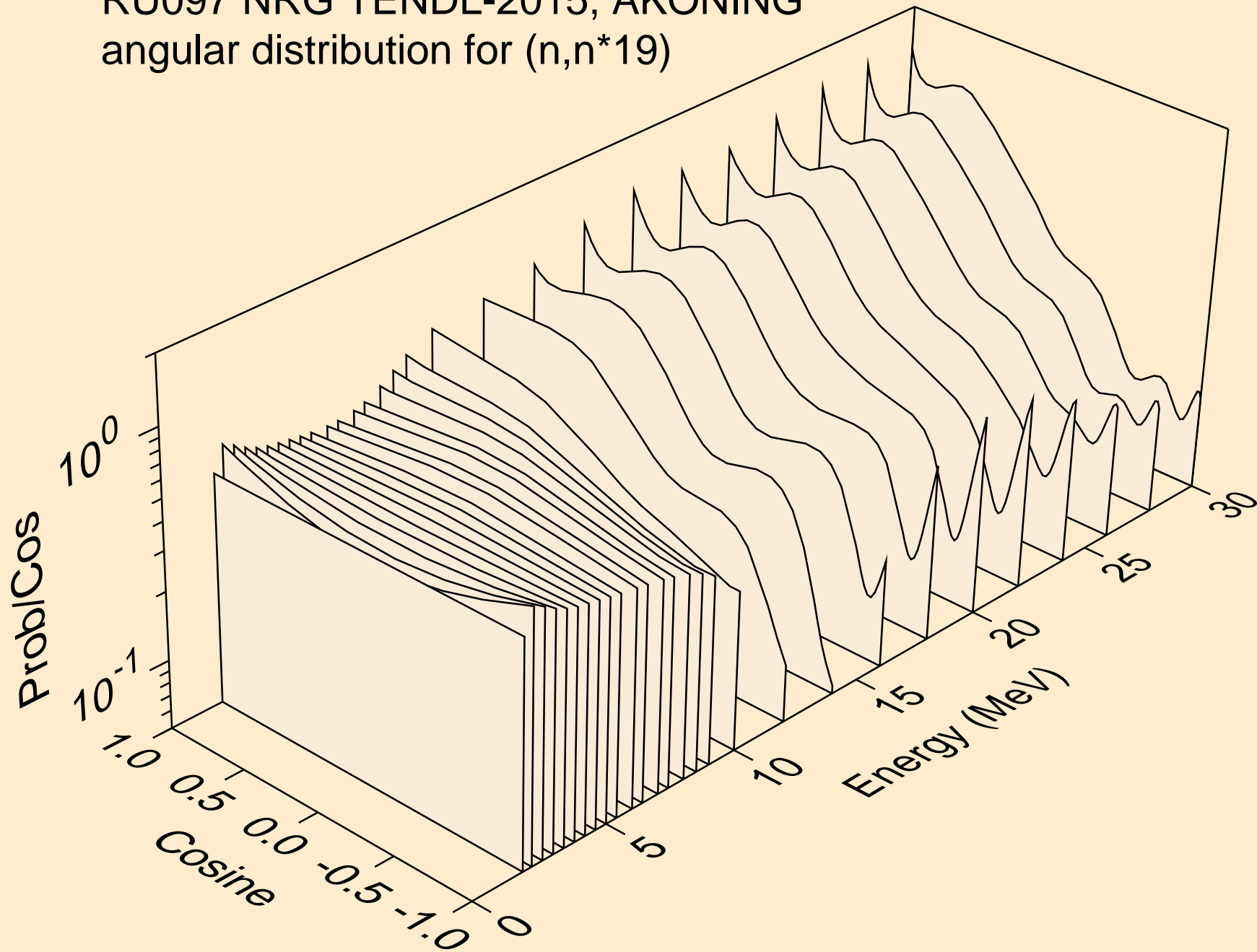
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



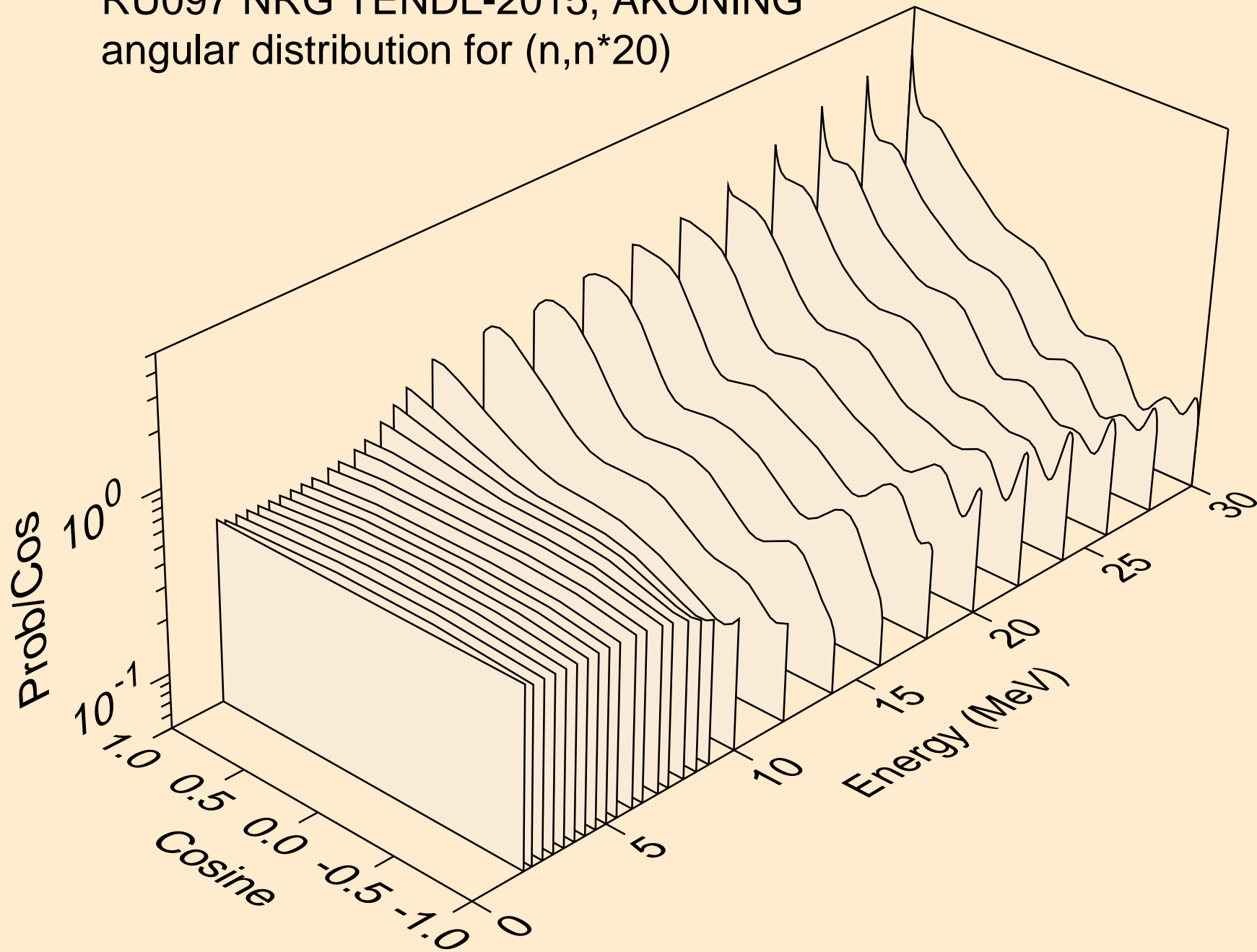
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



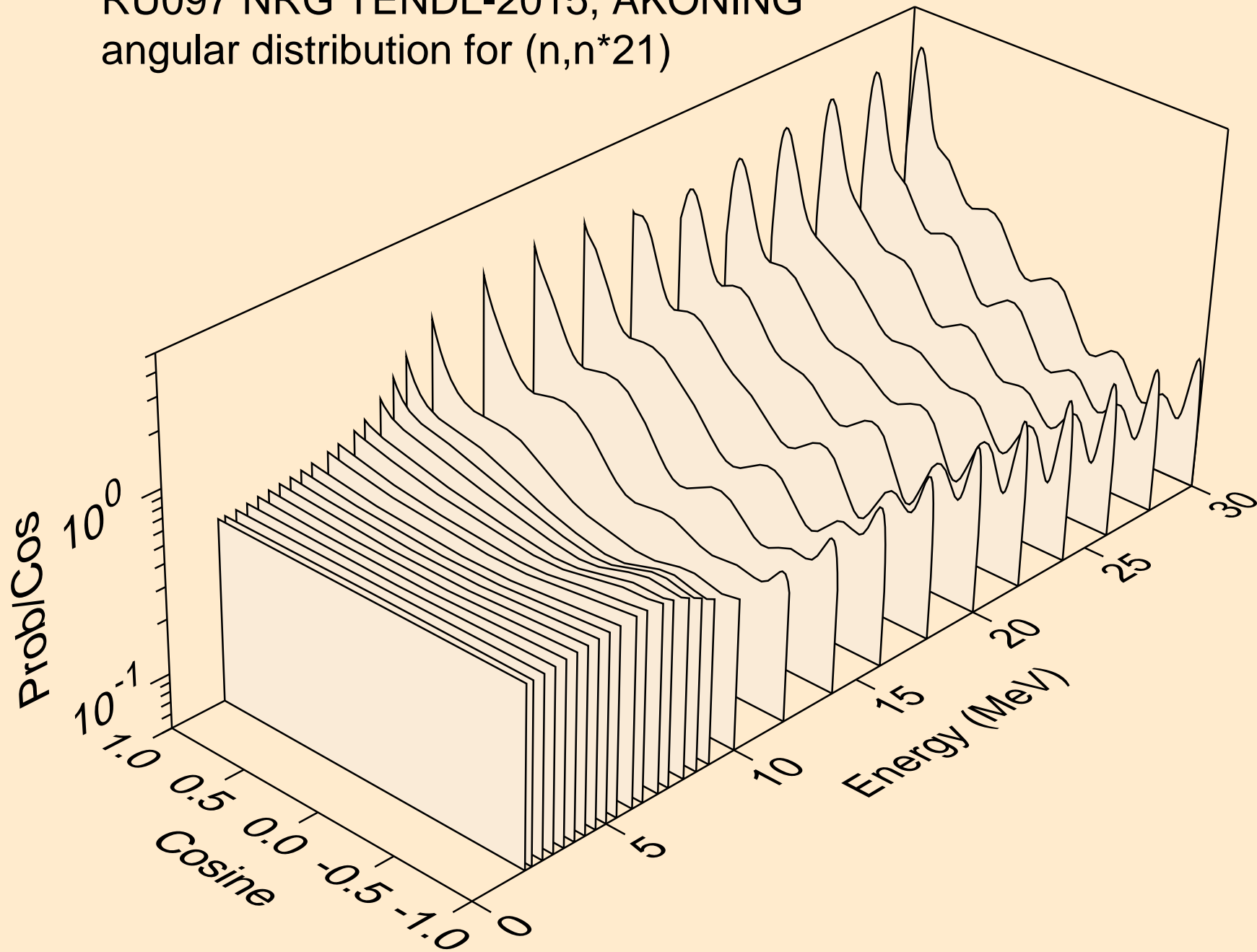
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



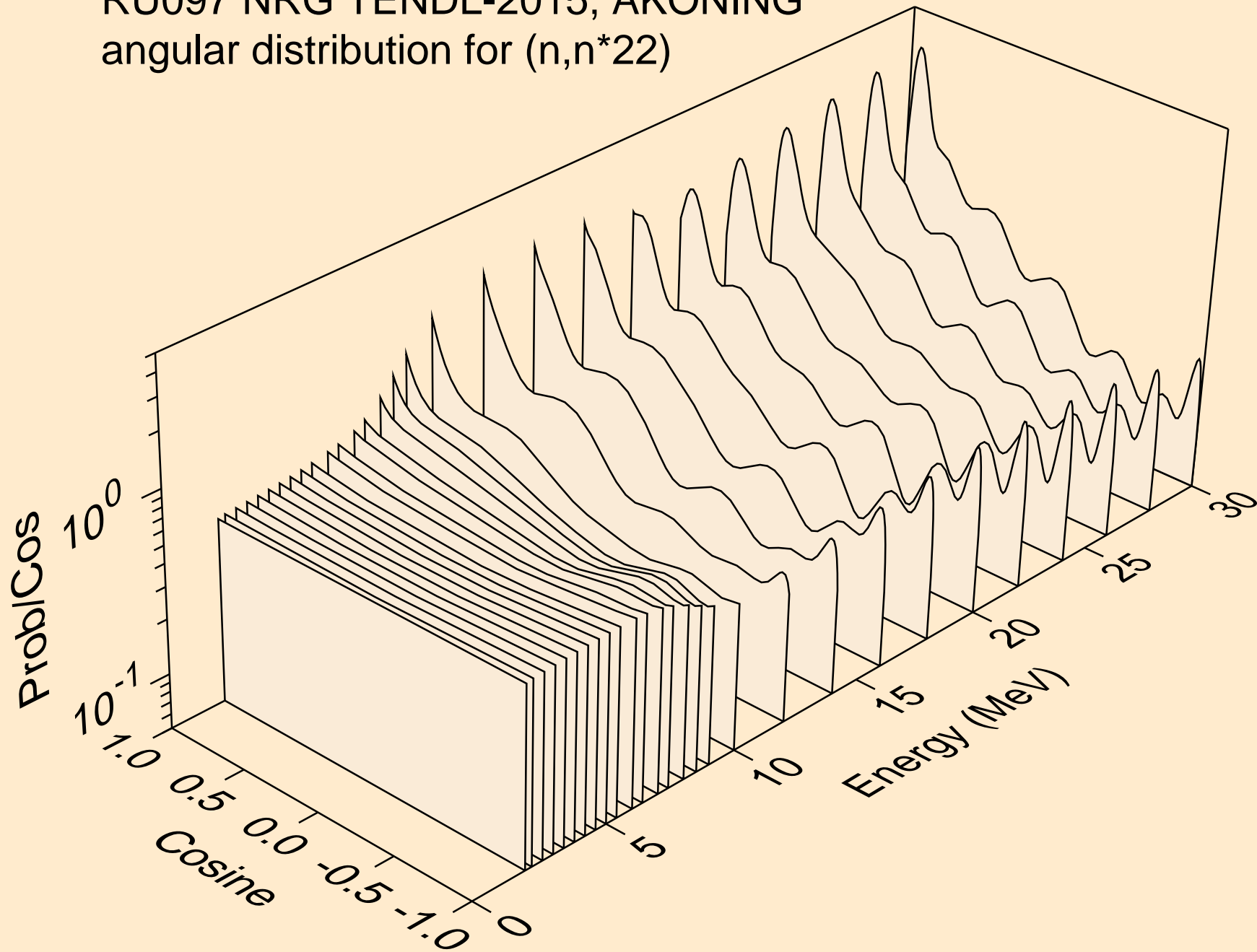
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



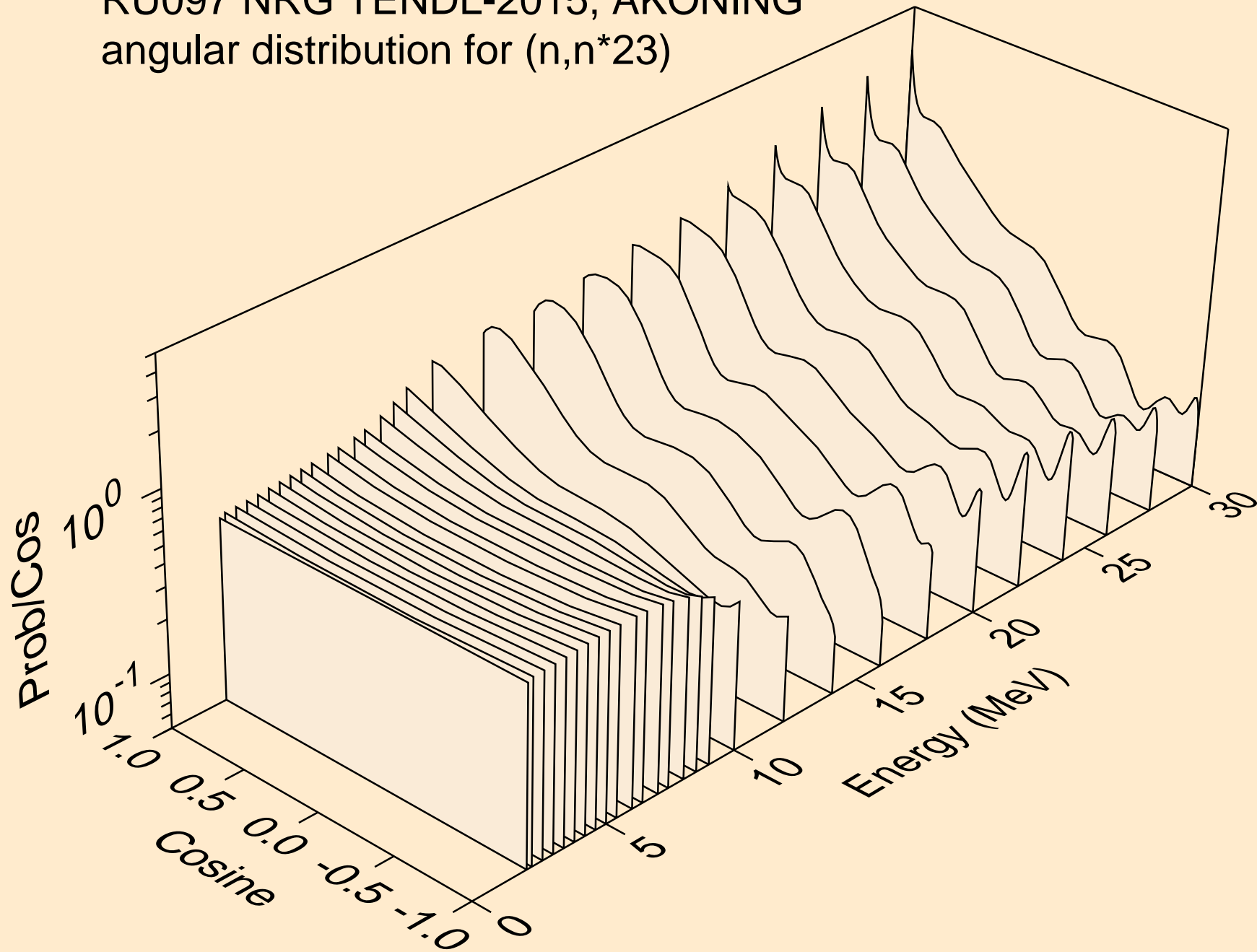
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



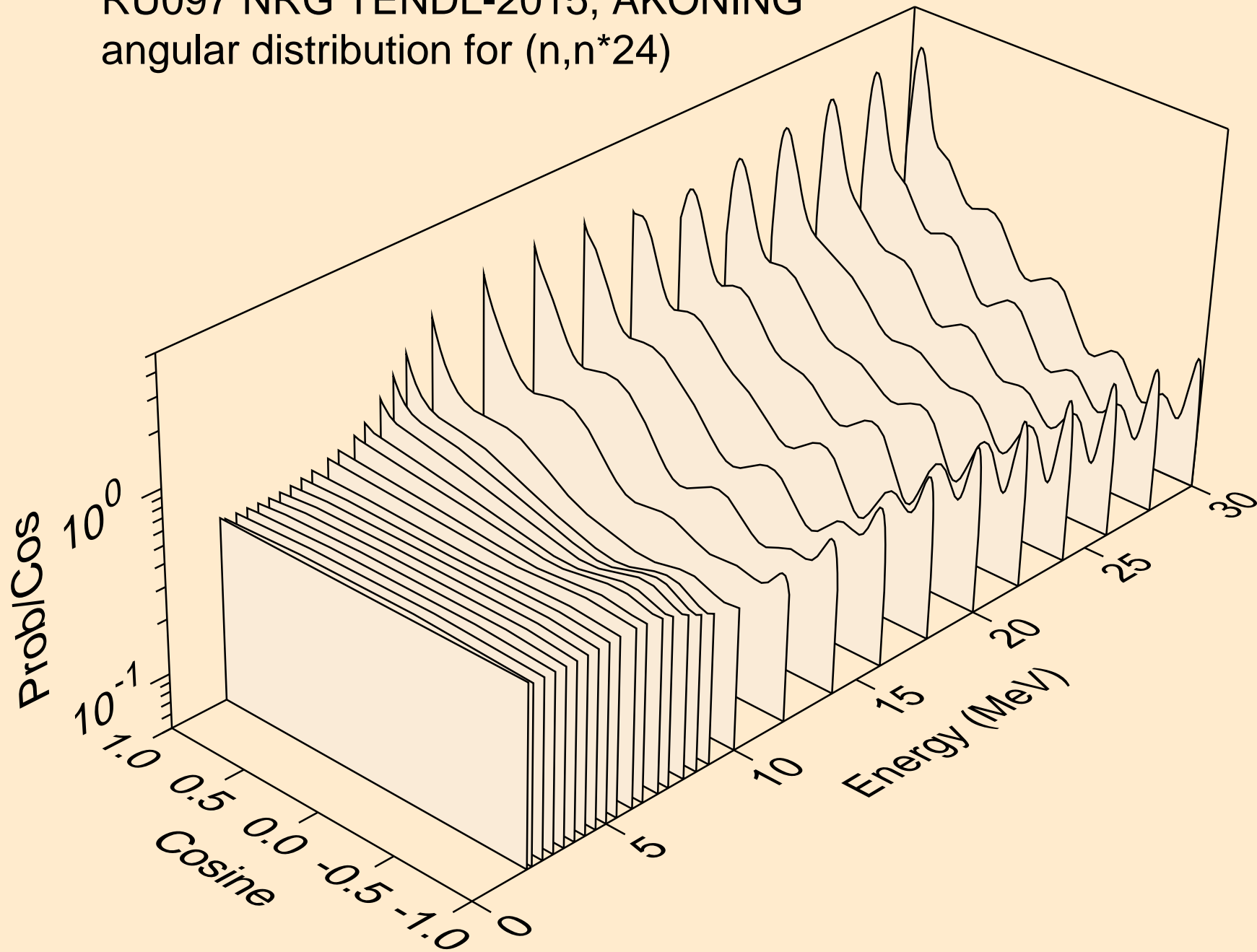
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

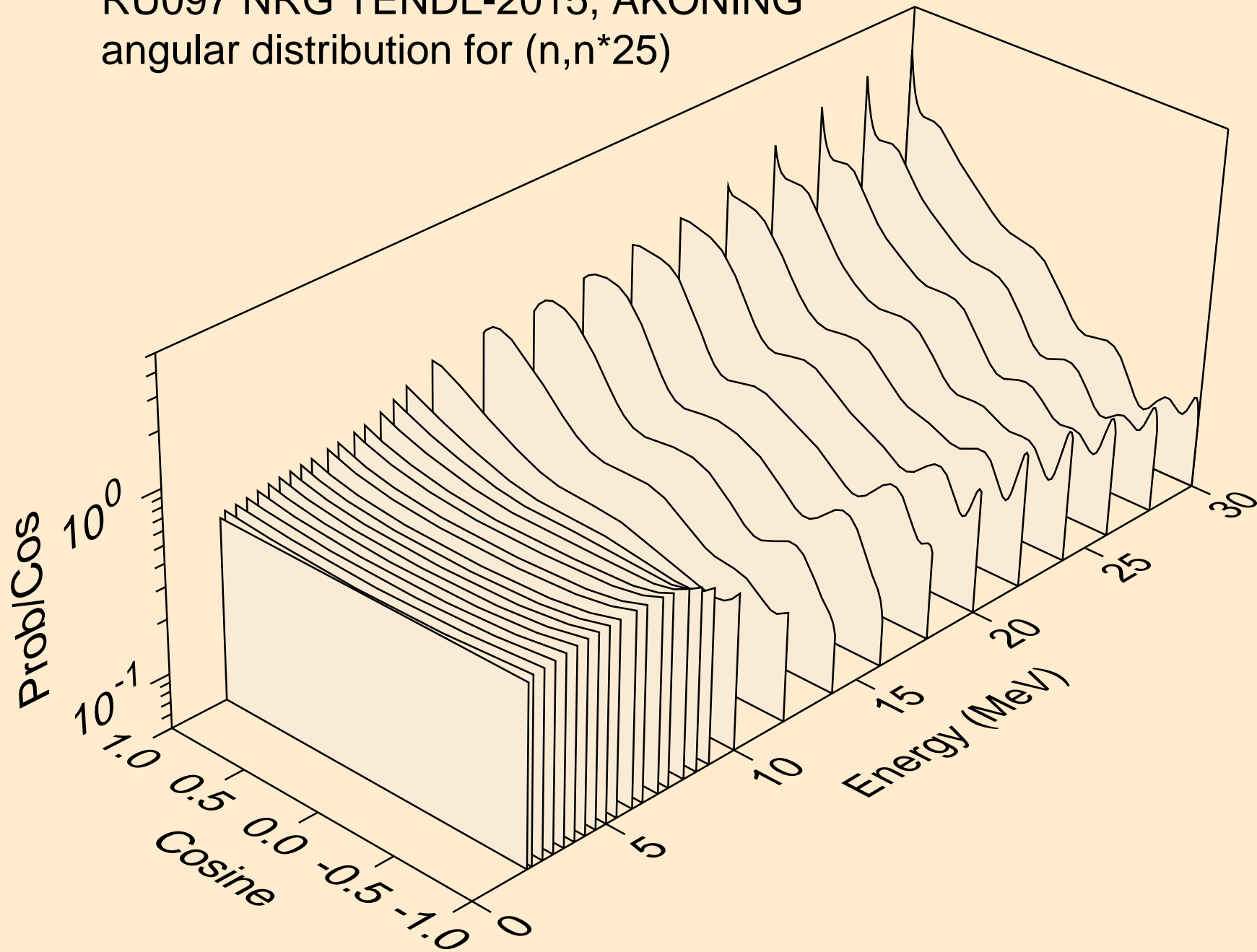


RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

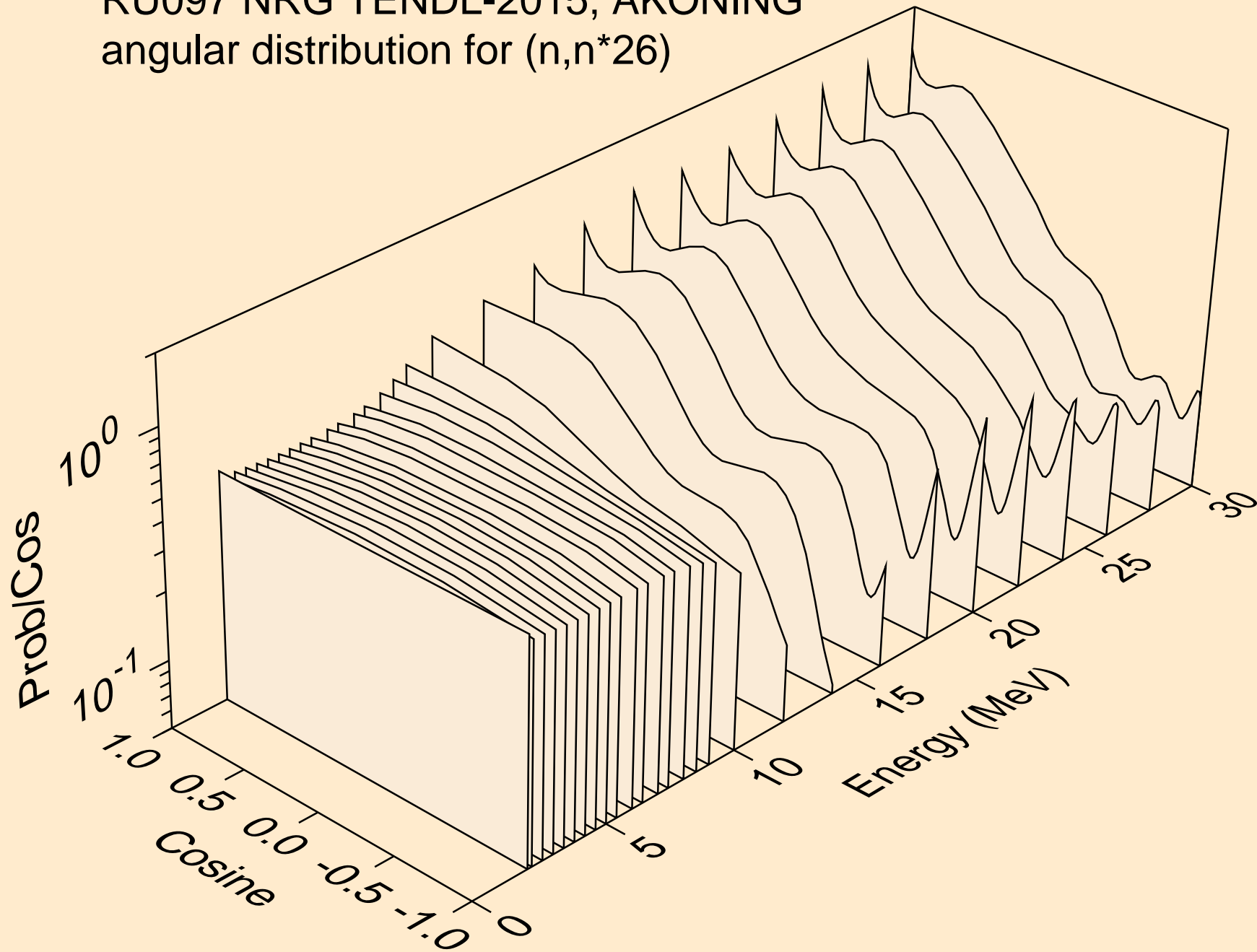




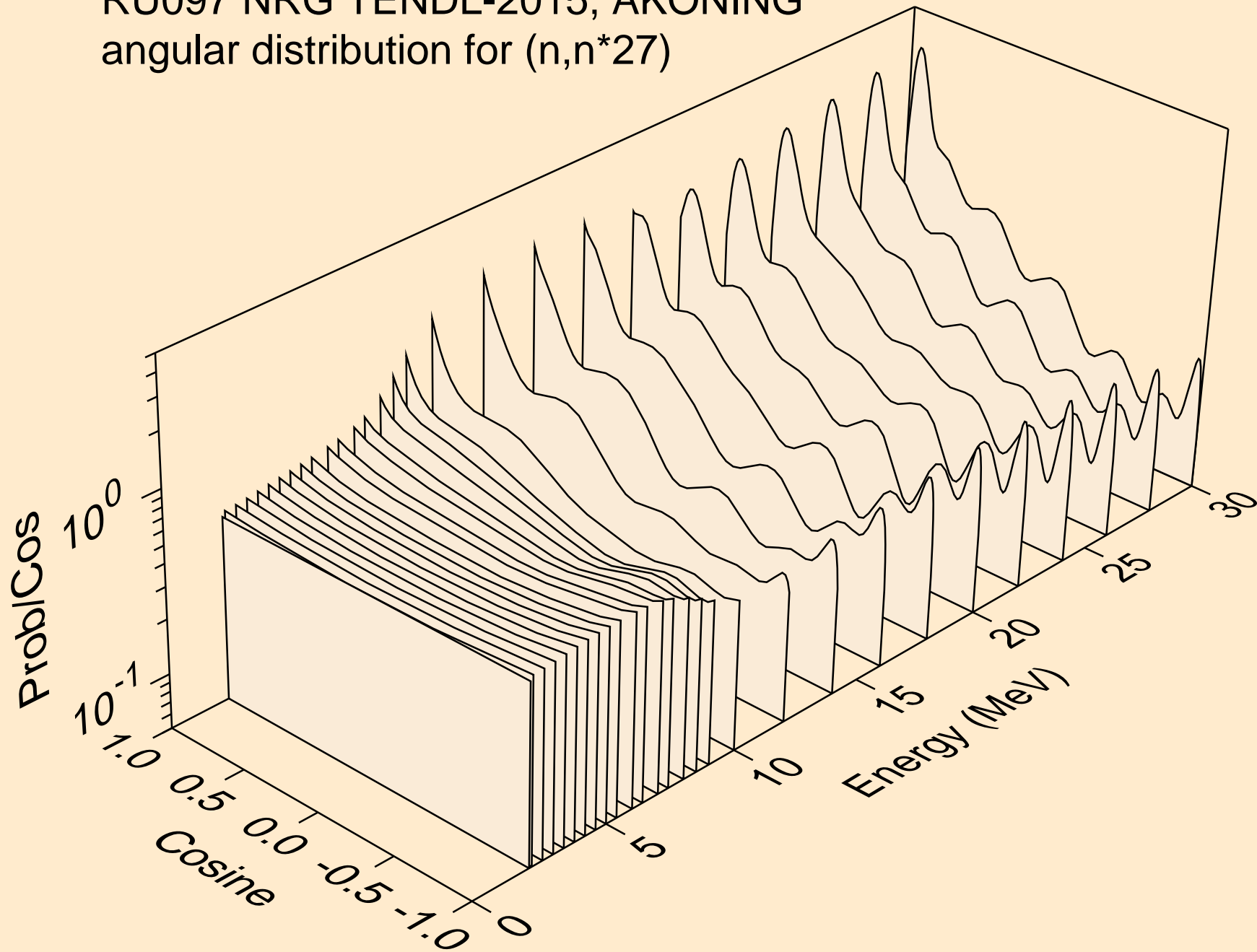
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



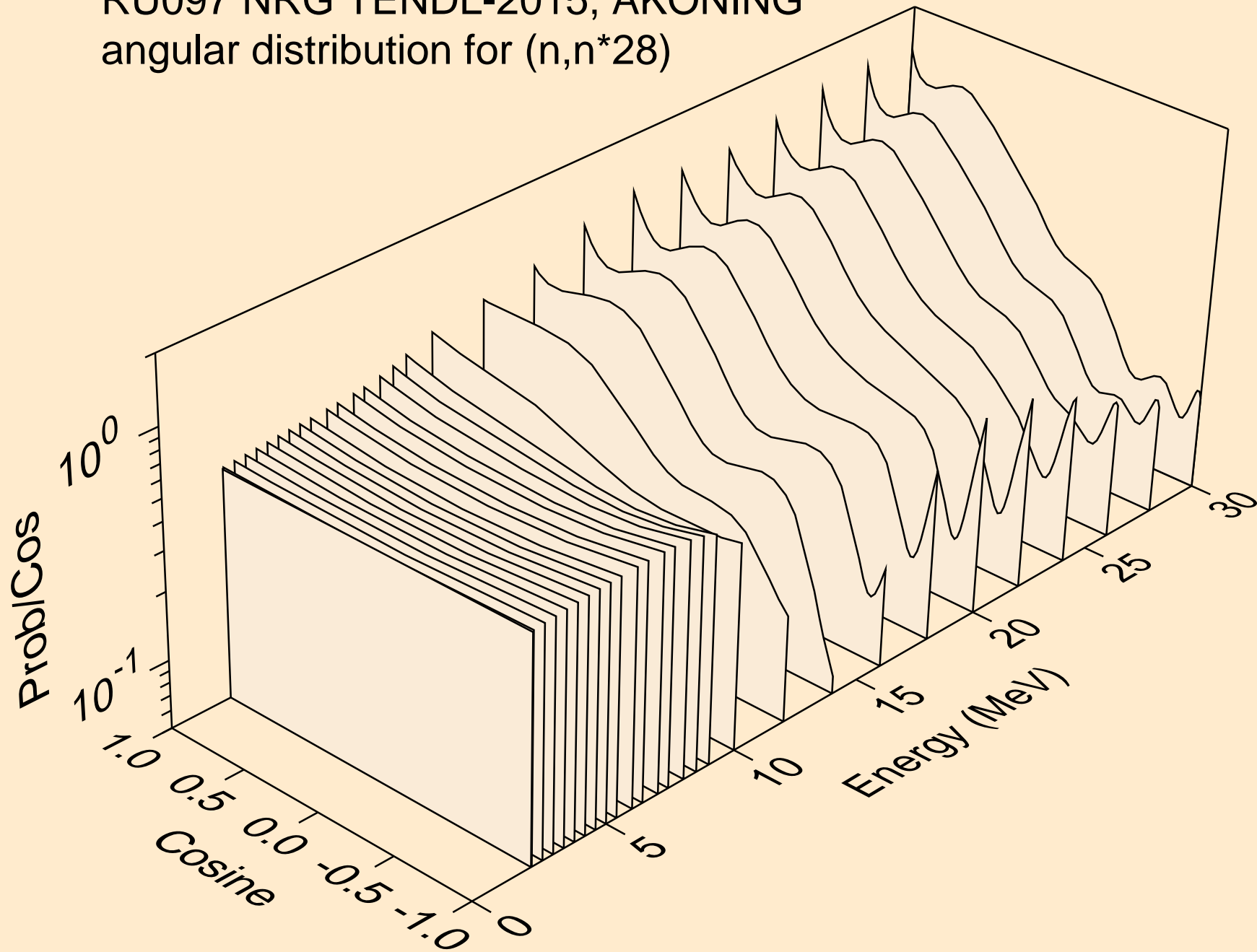
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



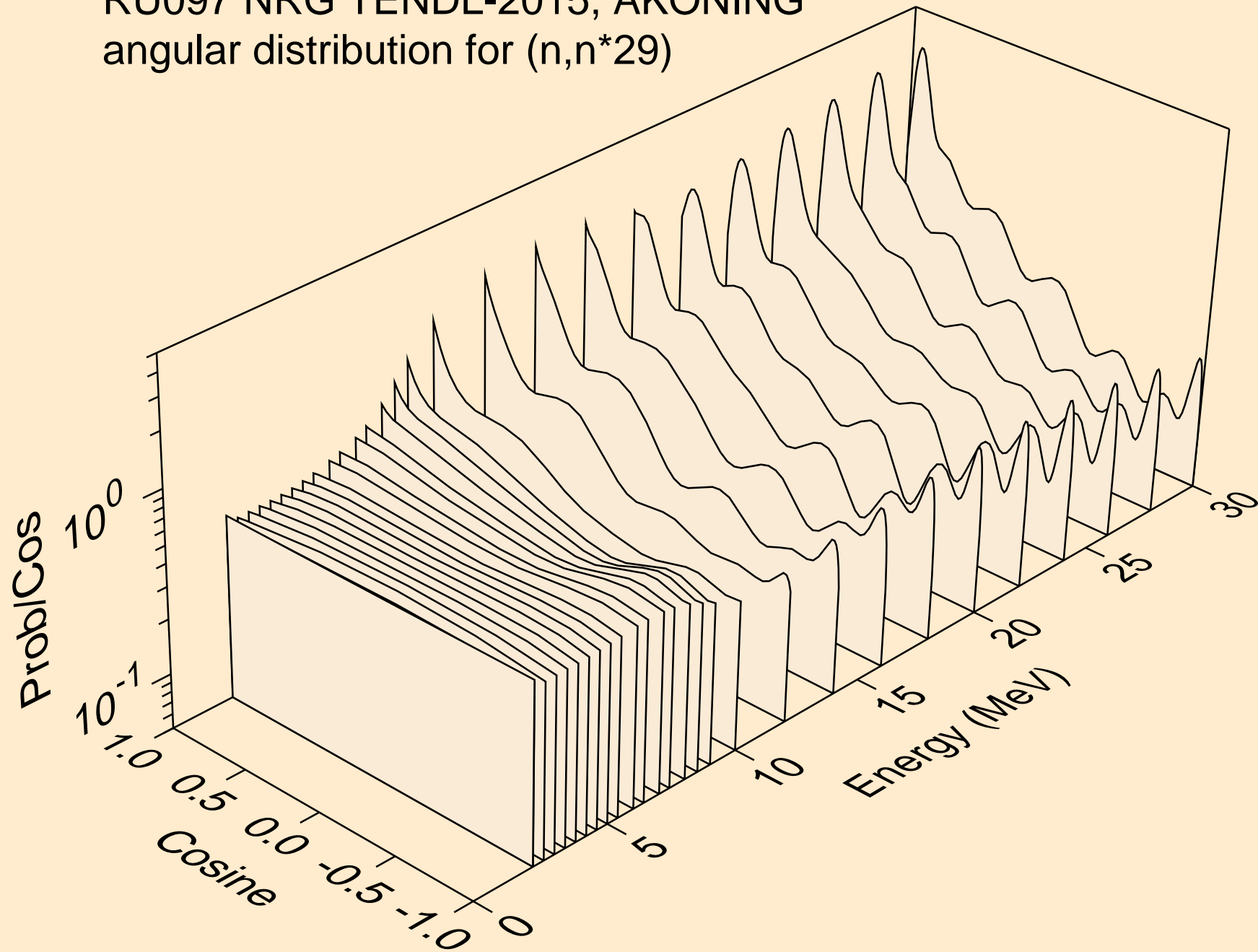
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



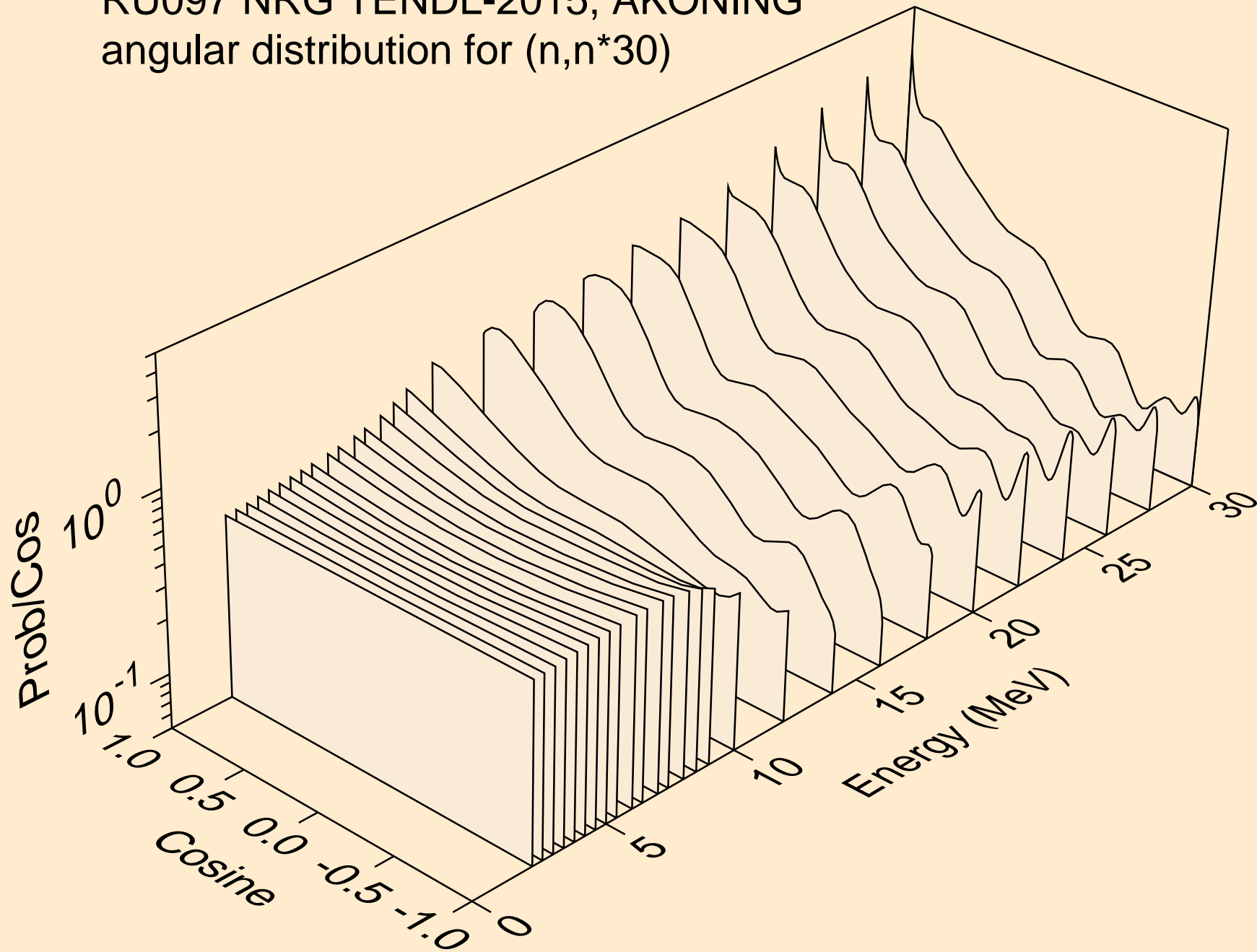
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



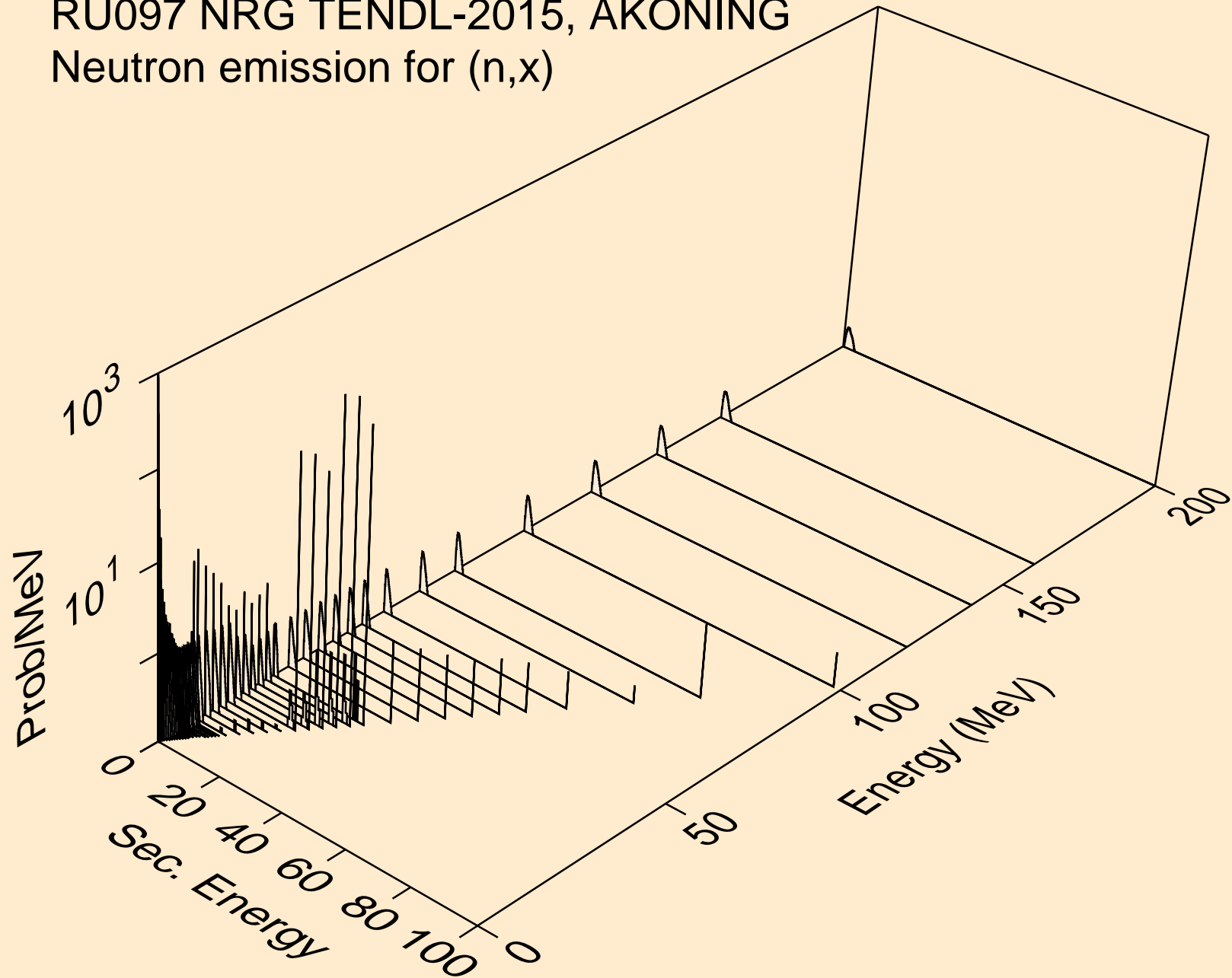
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



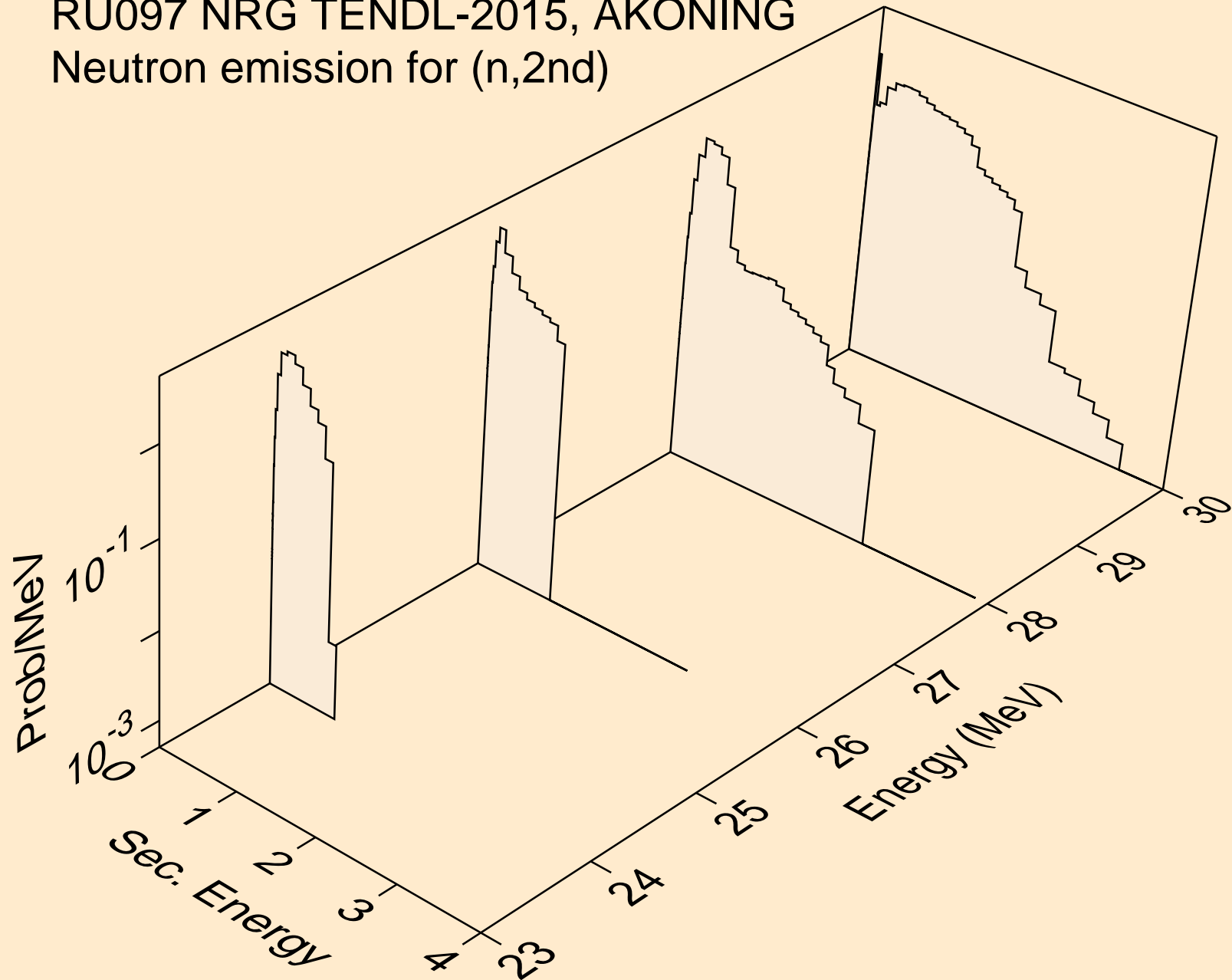
RU097 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

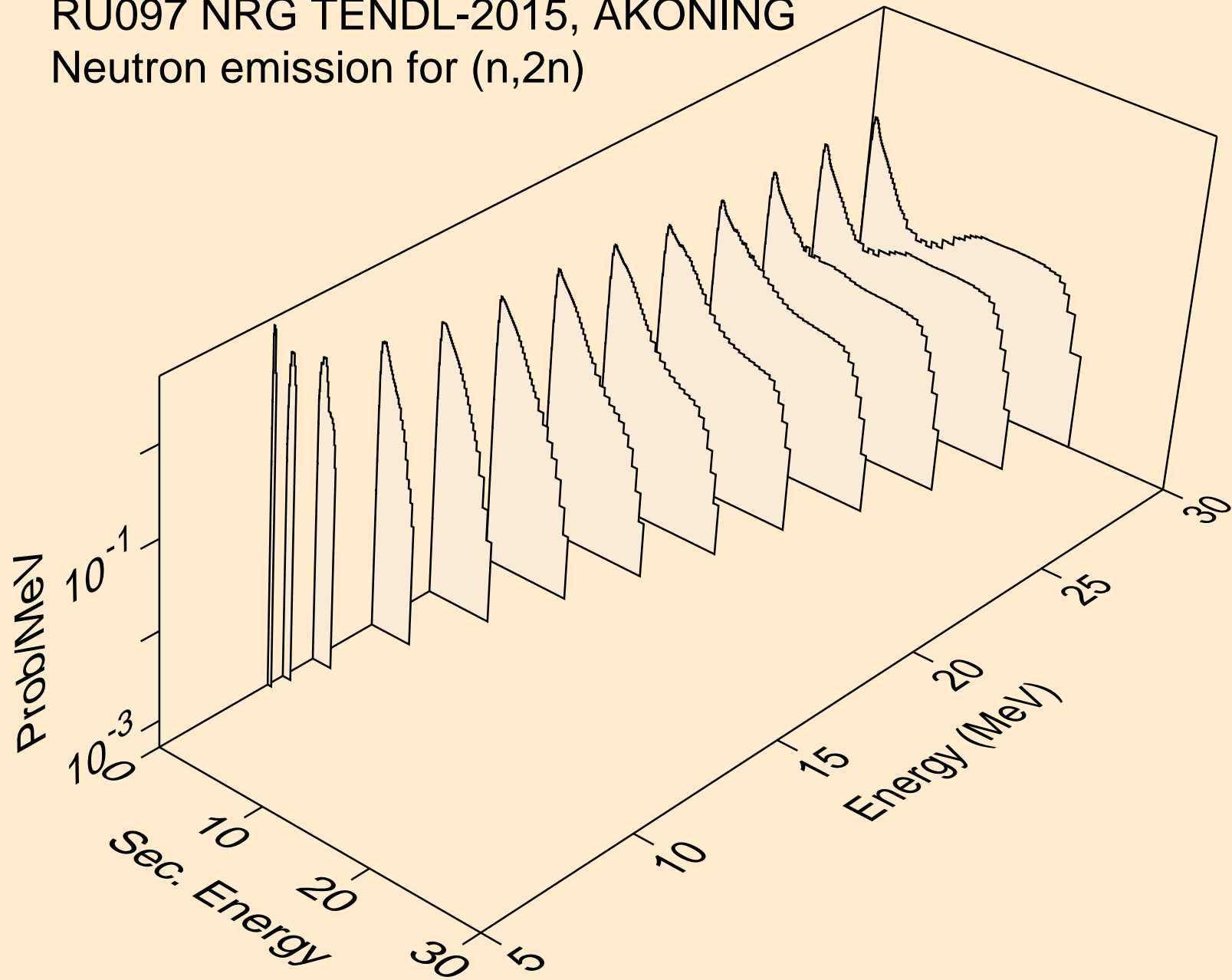


RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

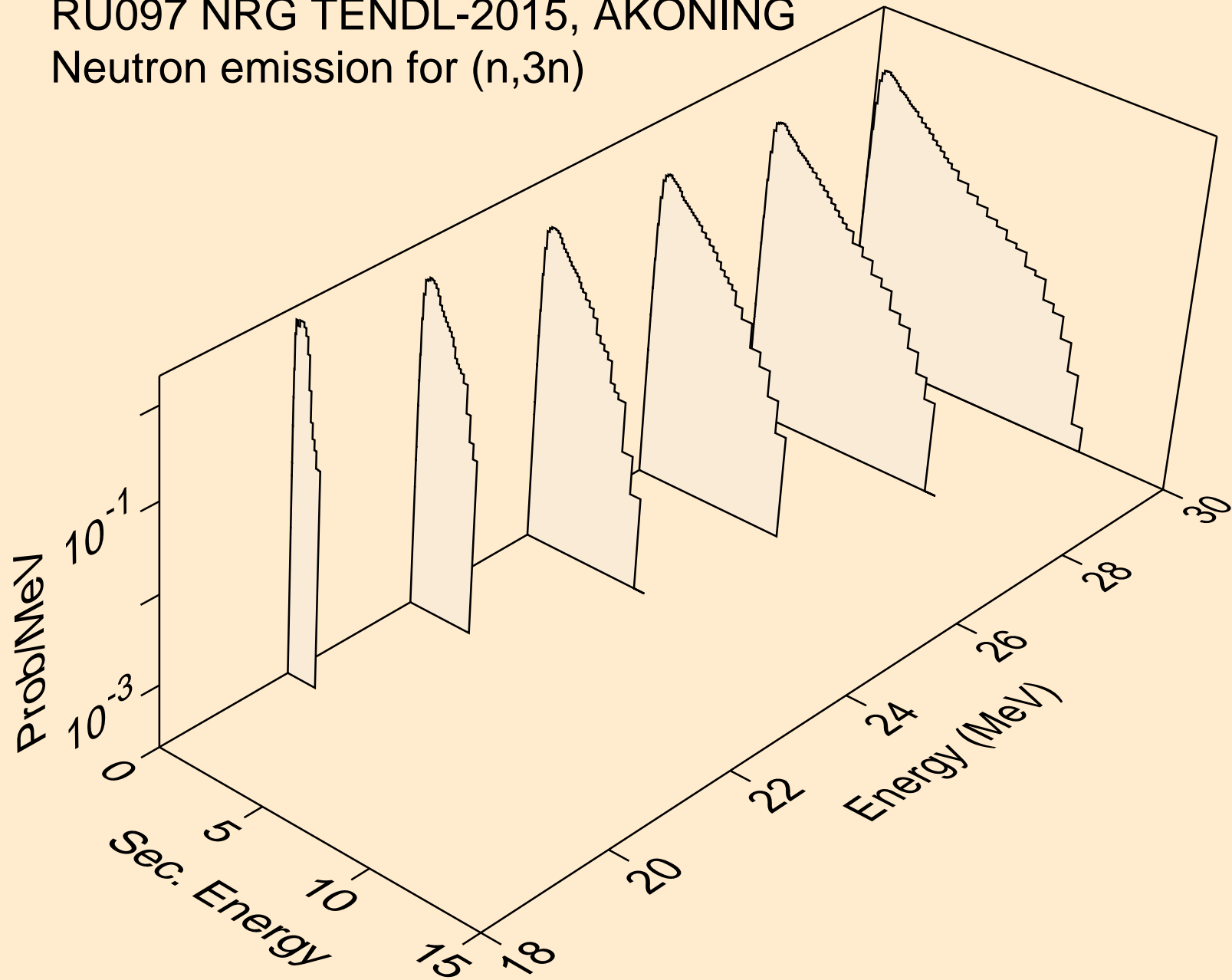




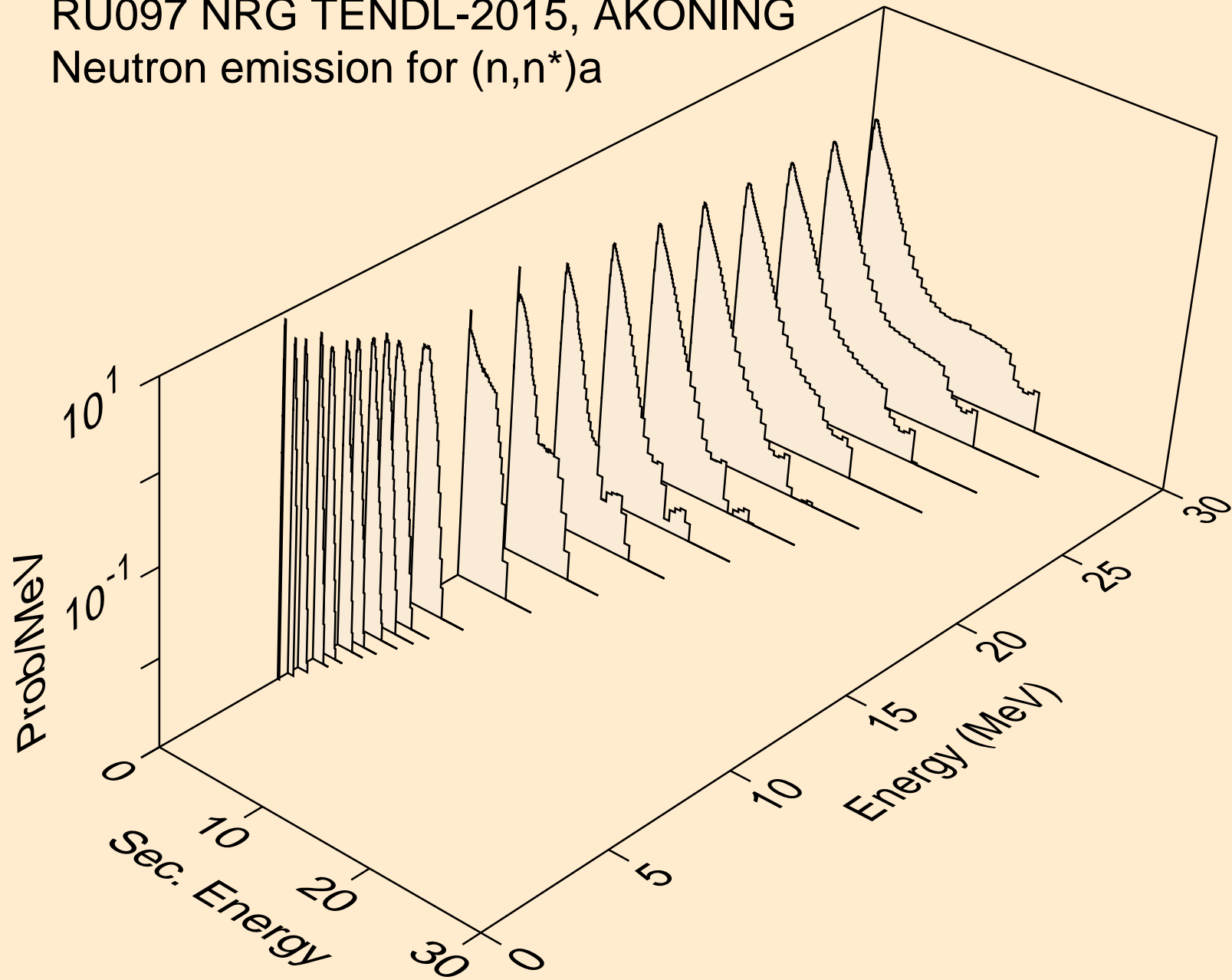
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



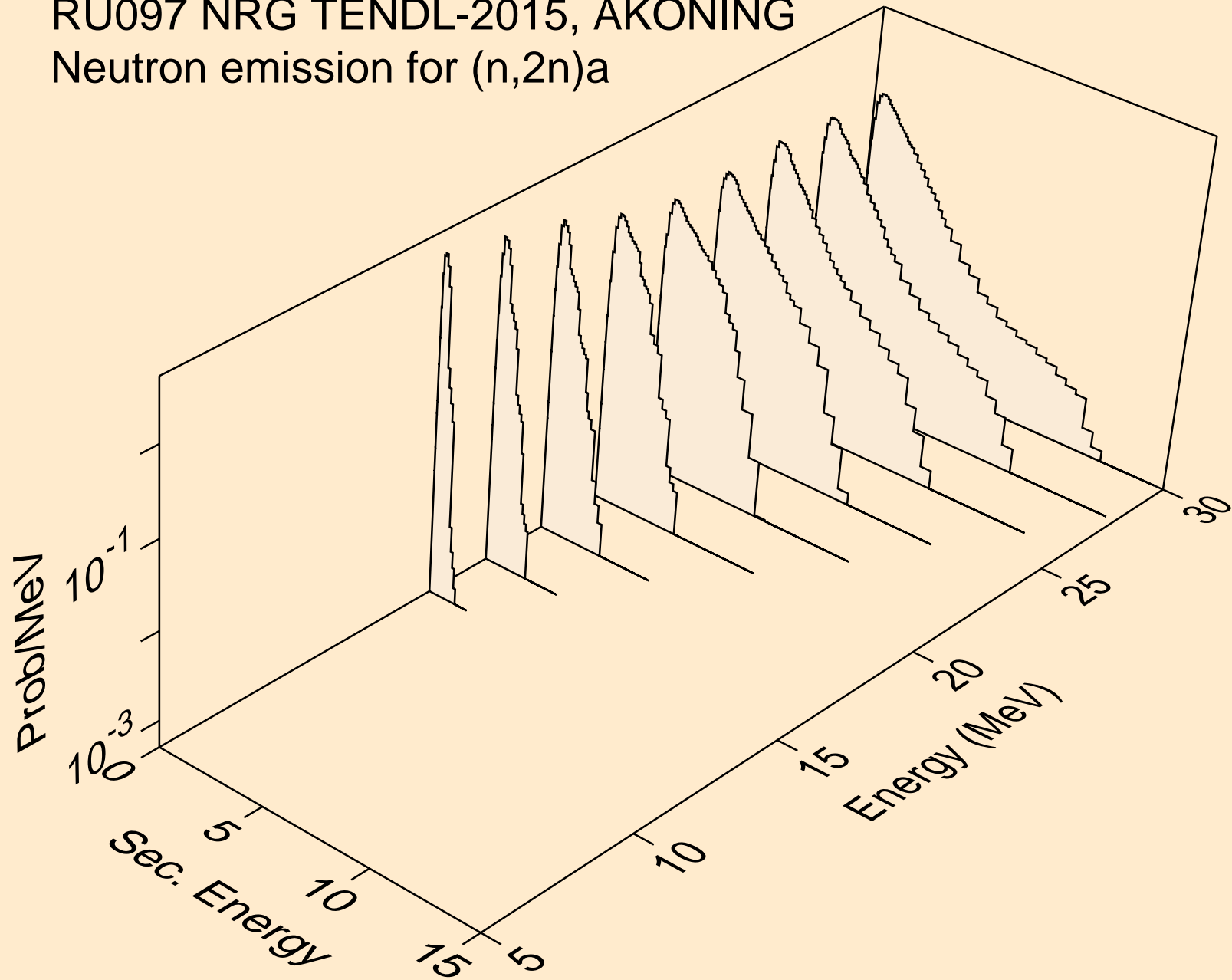
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



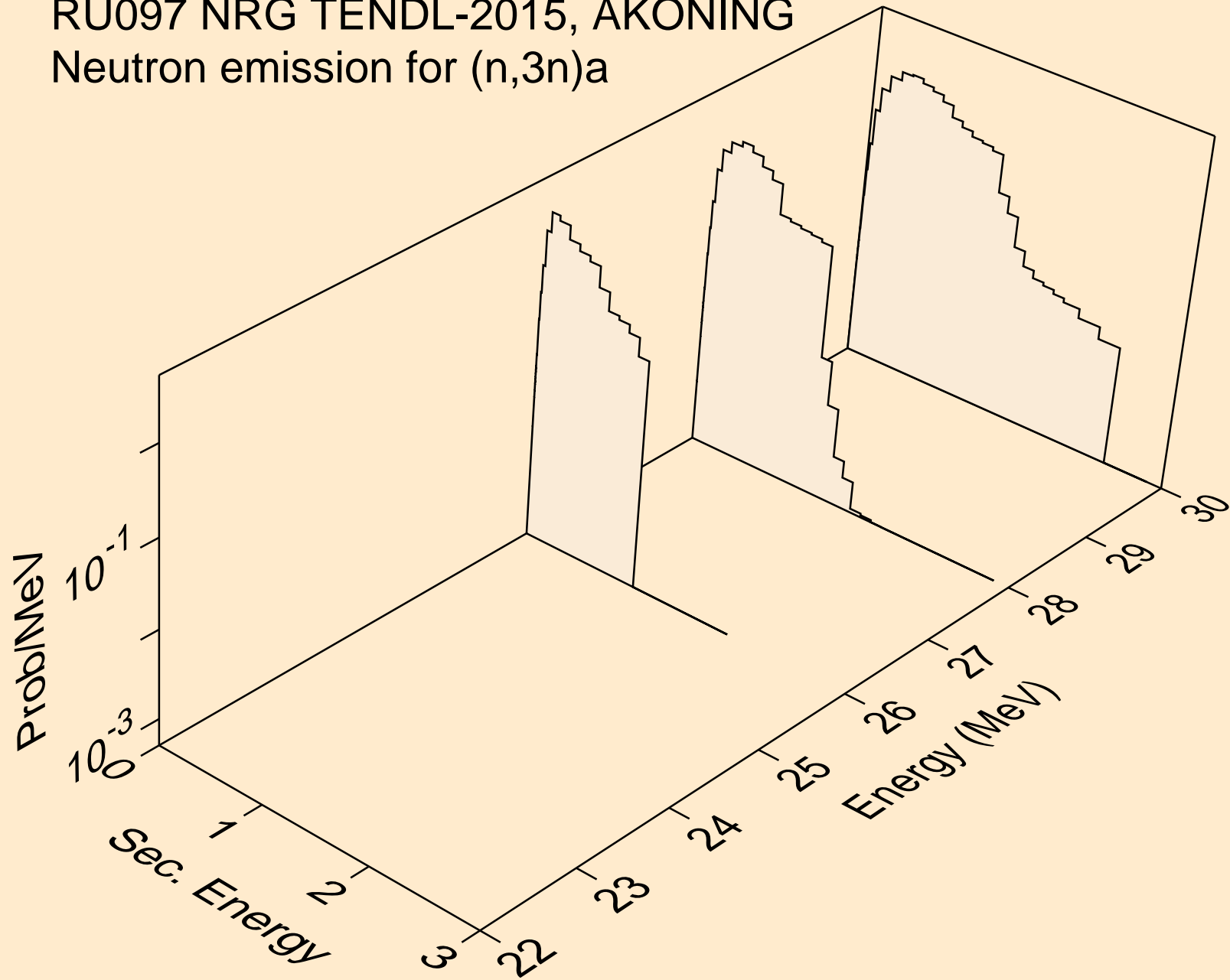
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



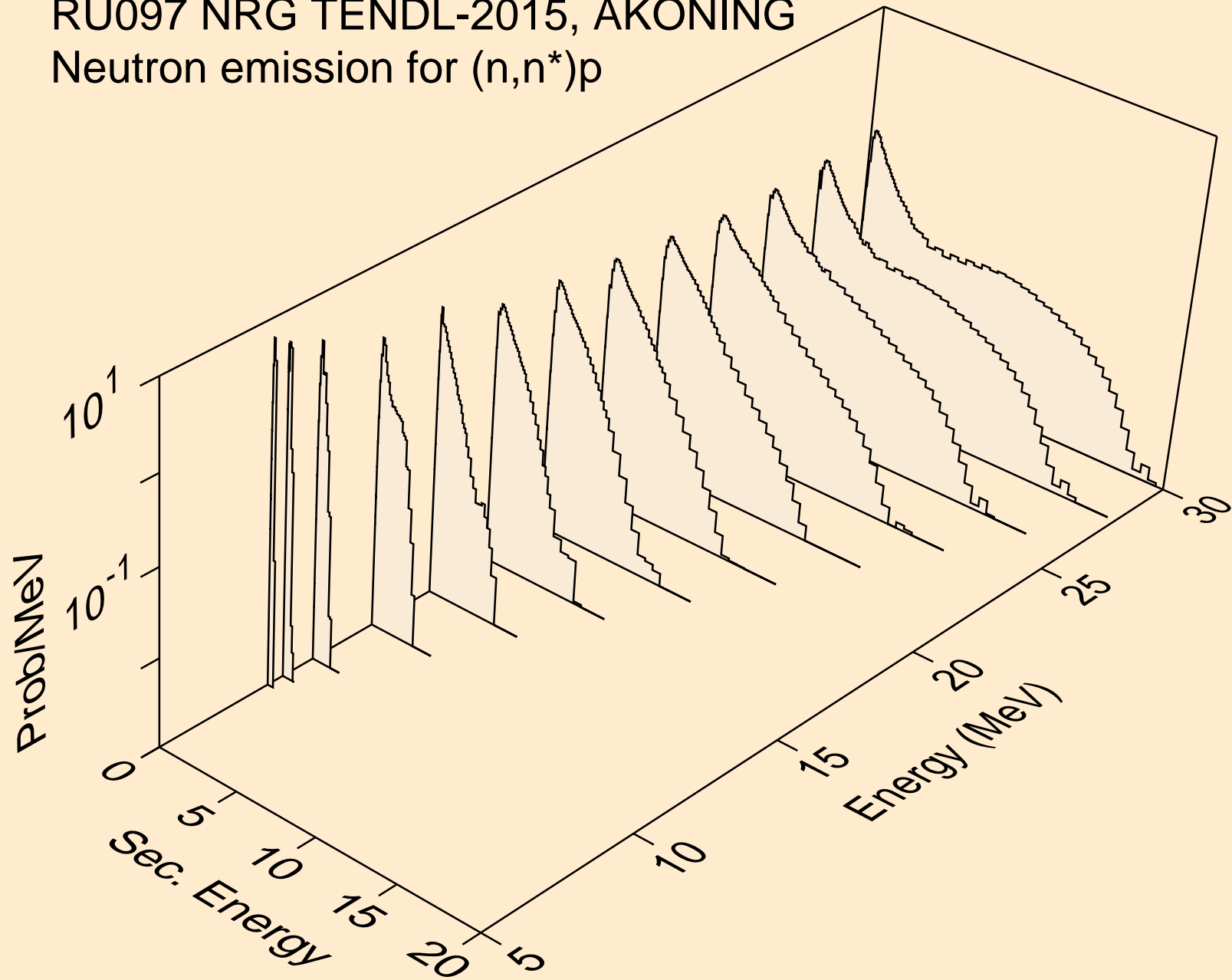
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



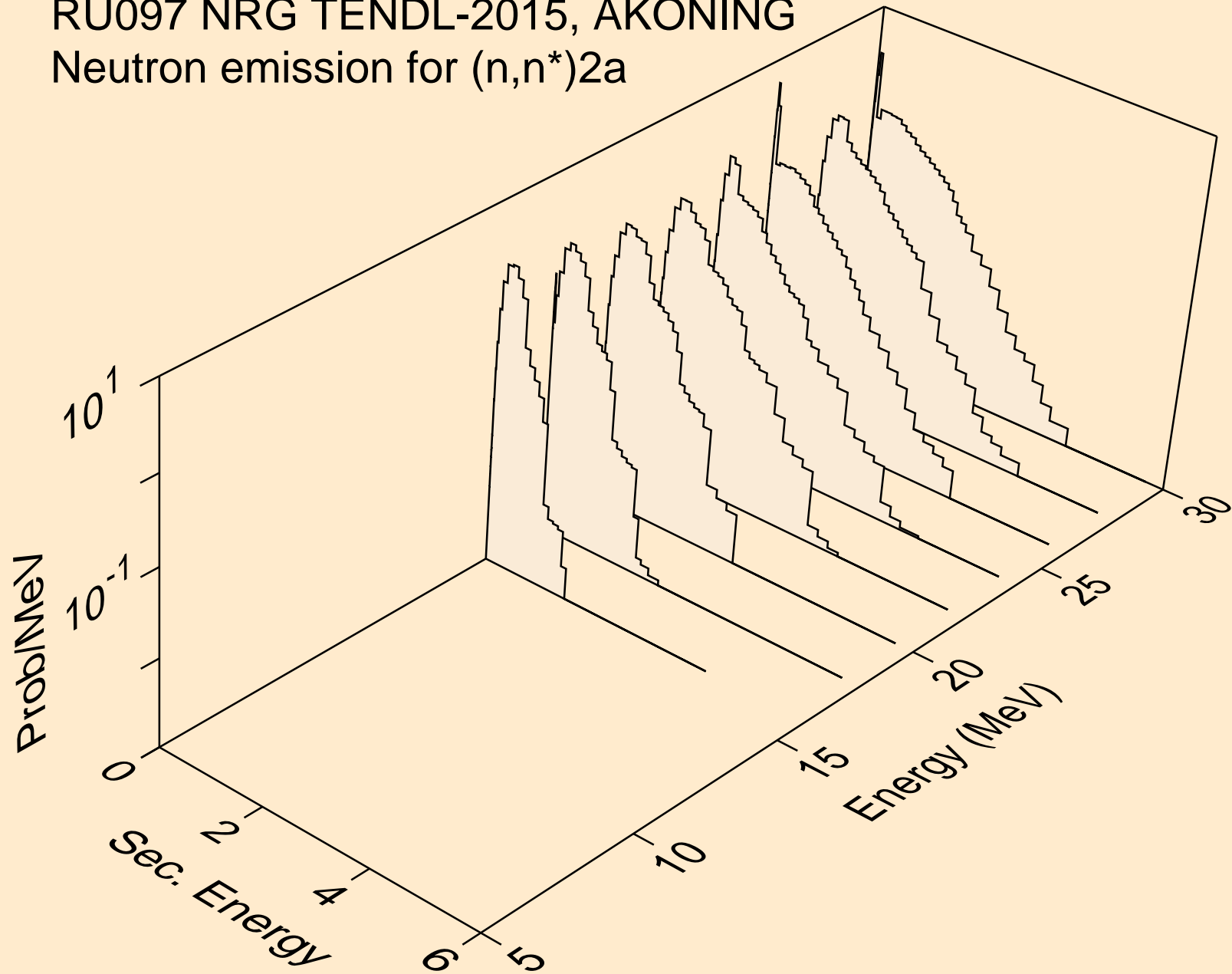
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



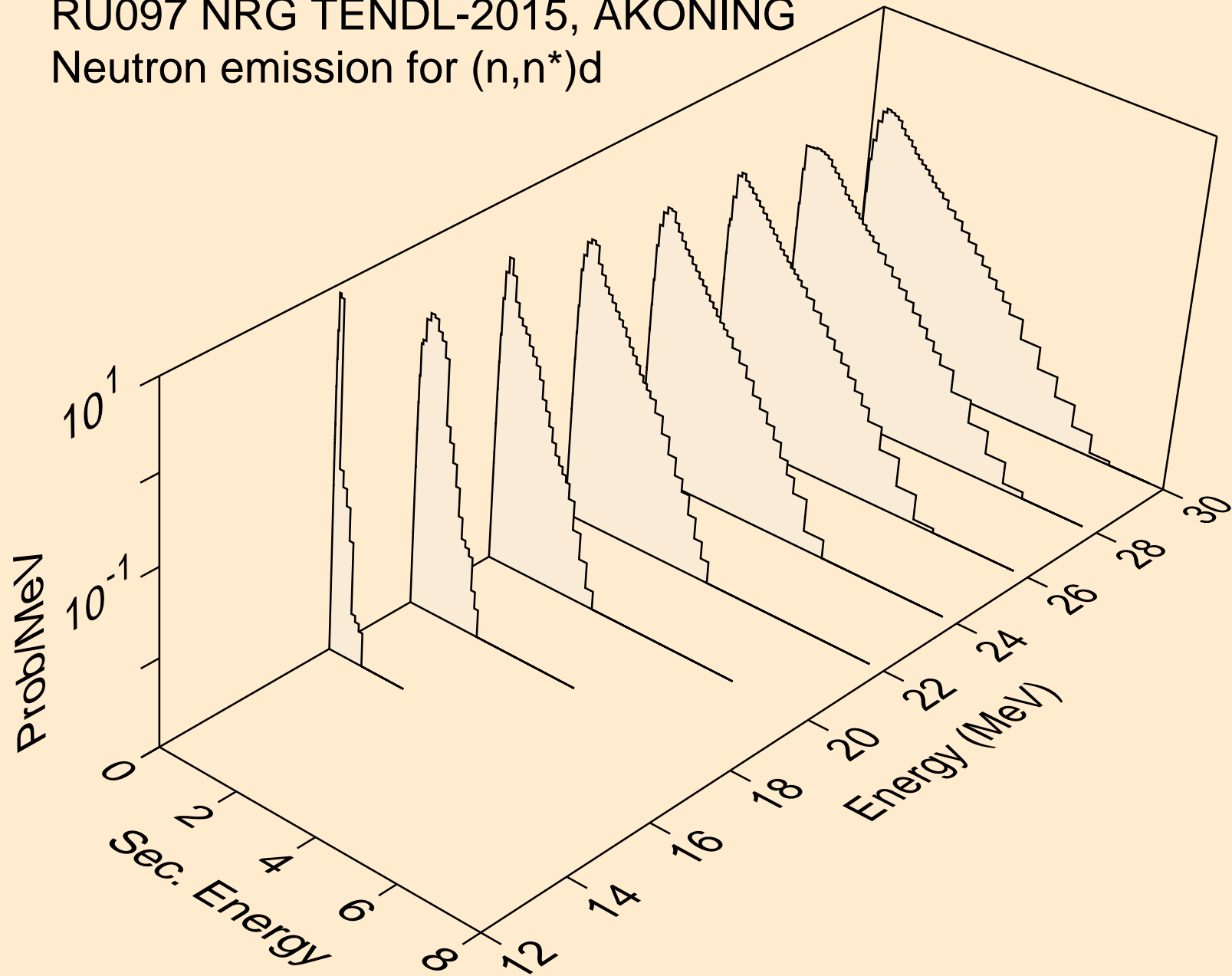
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

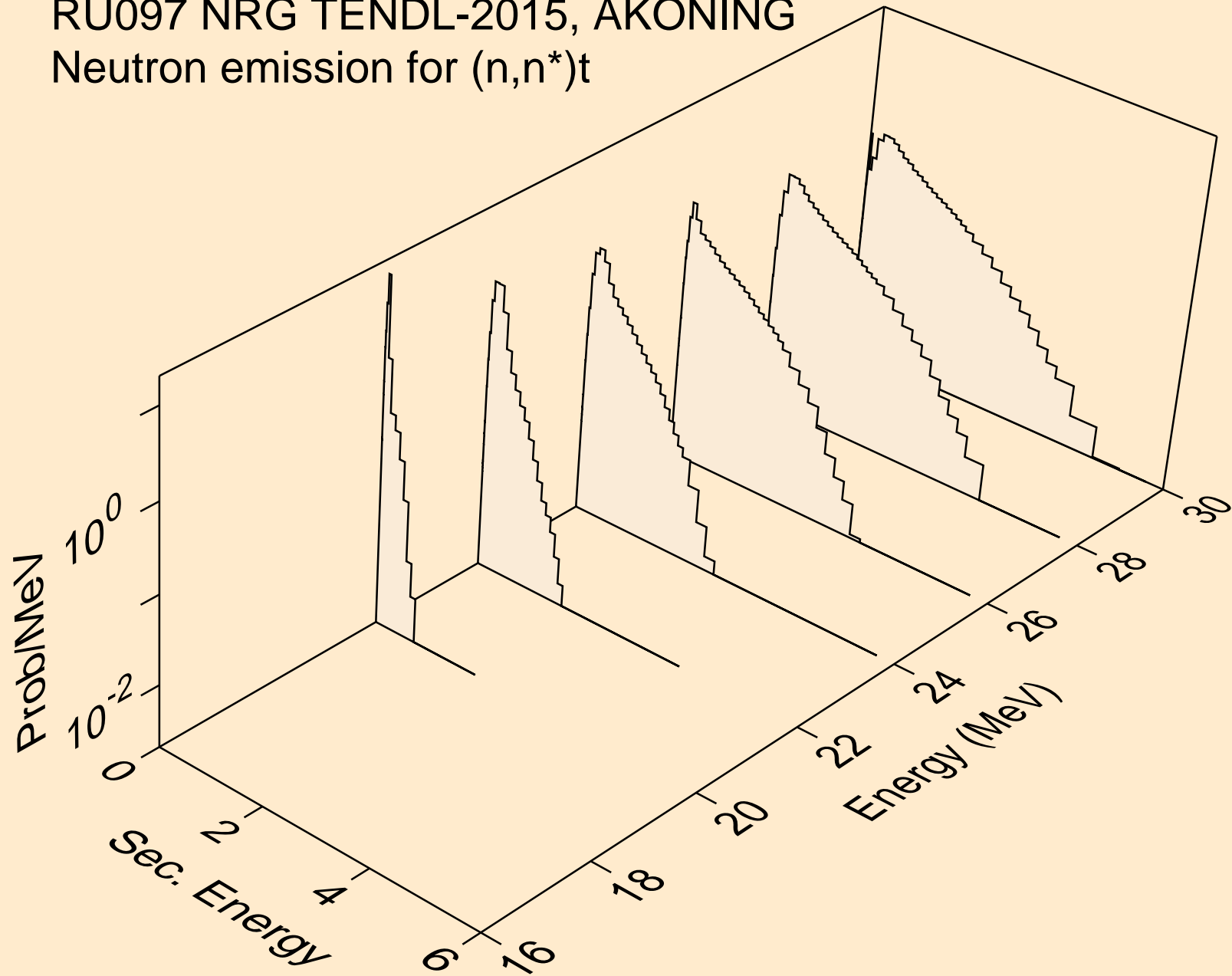


RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

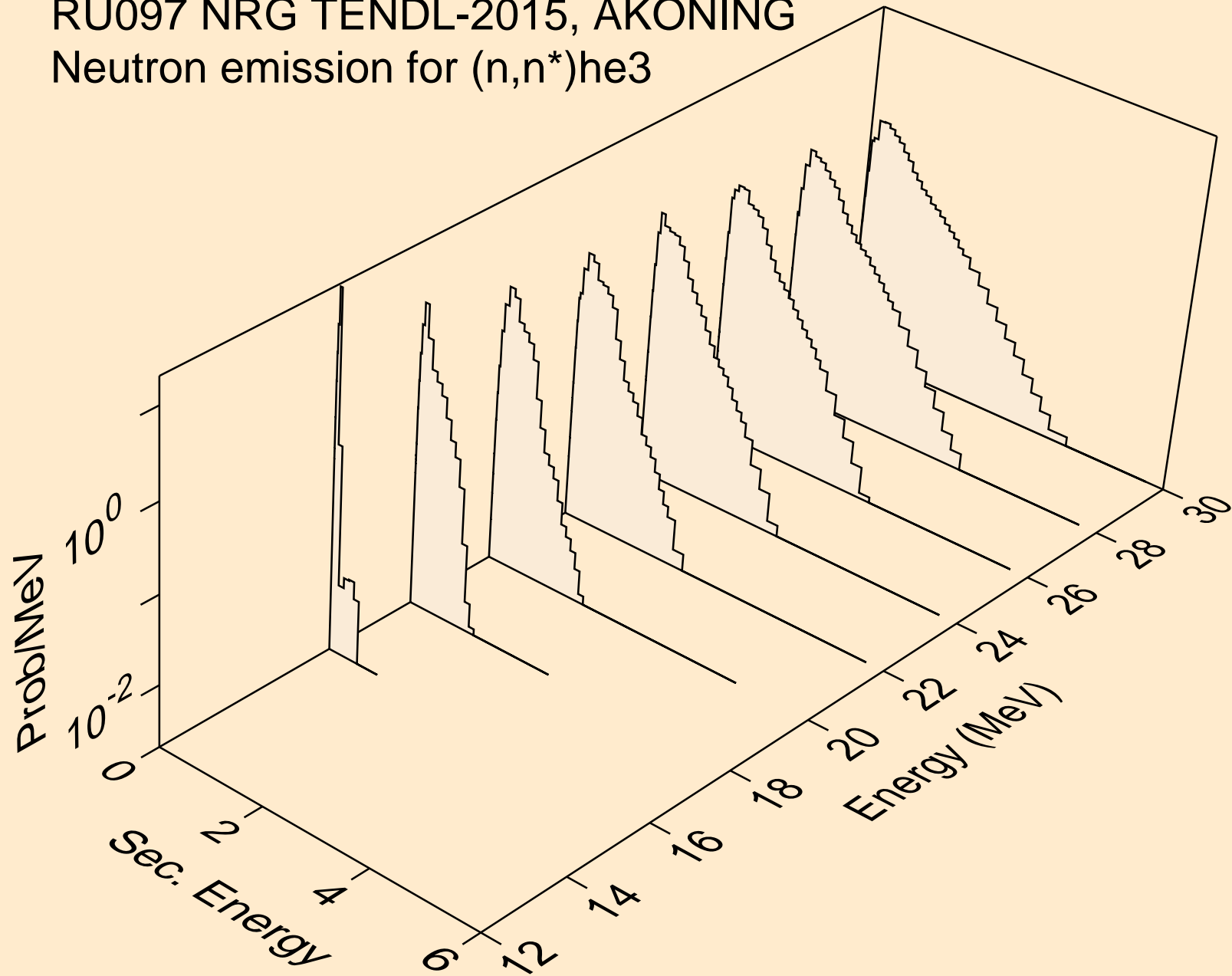




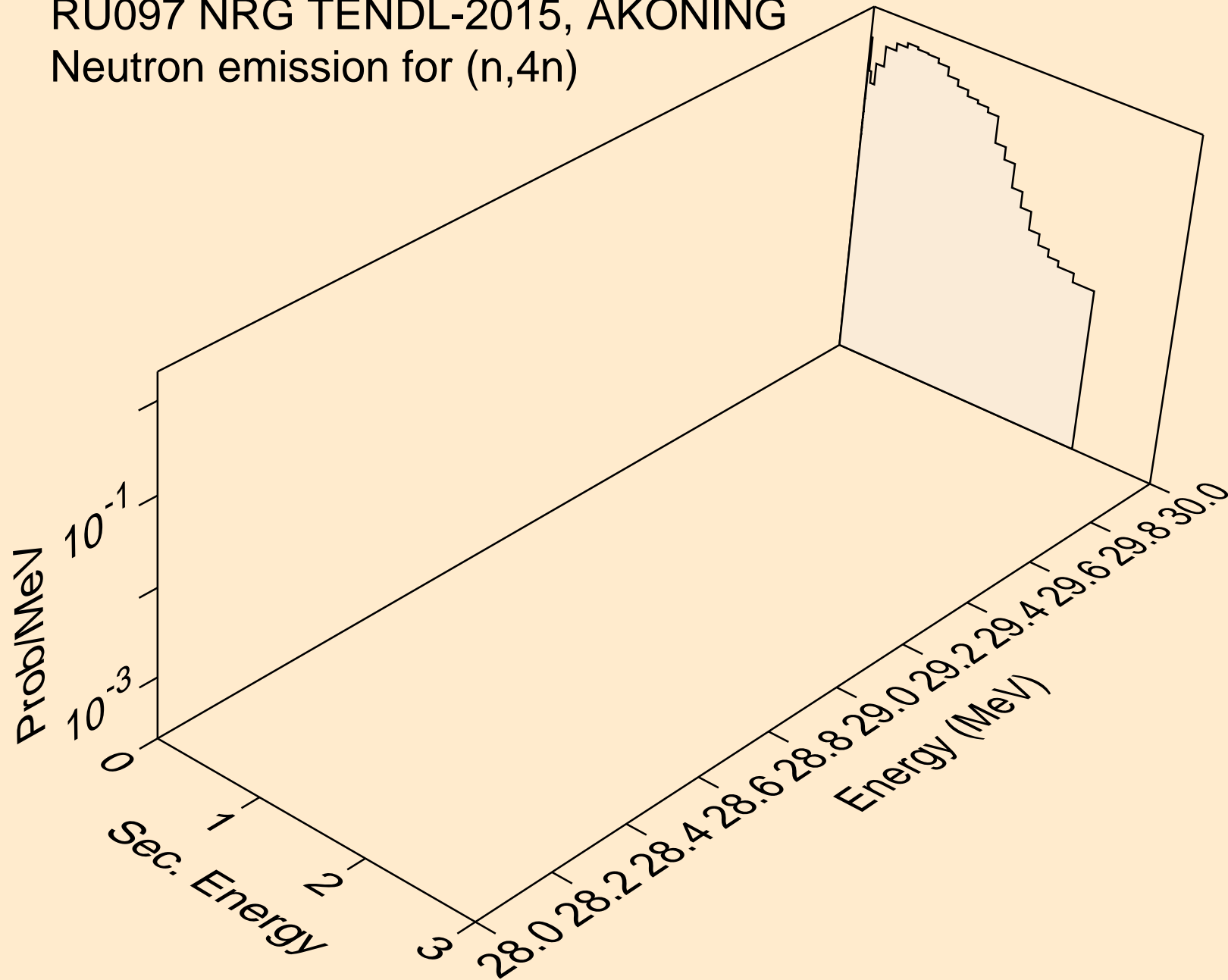
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



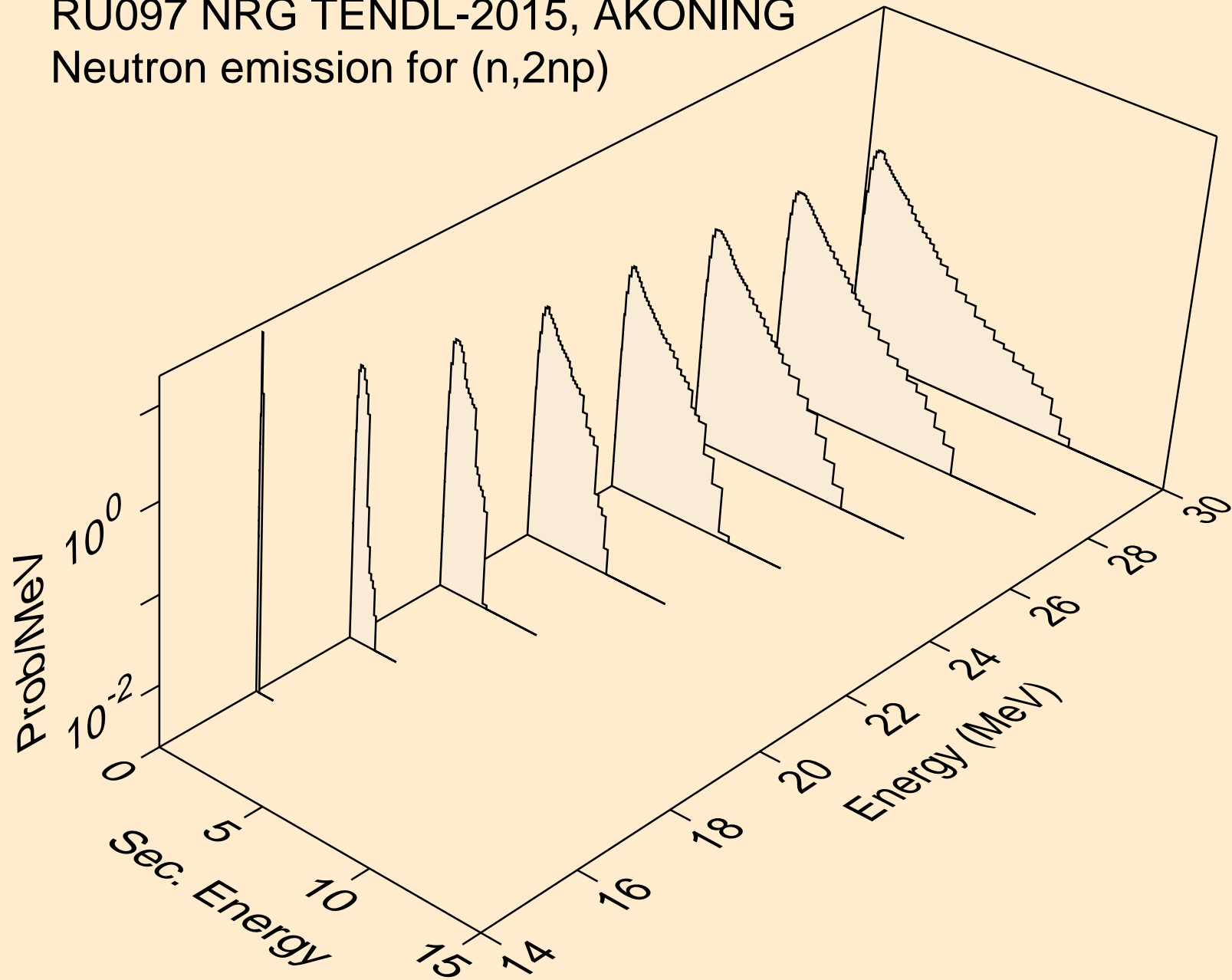
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



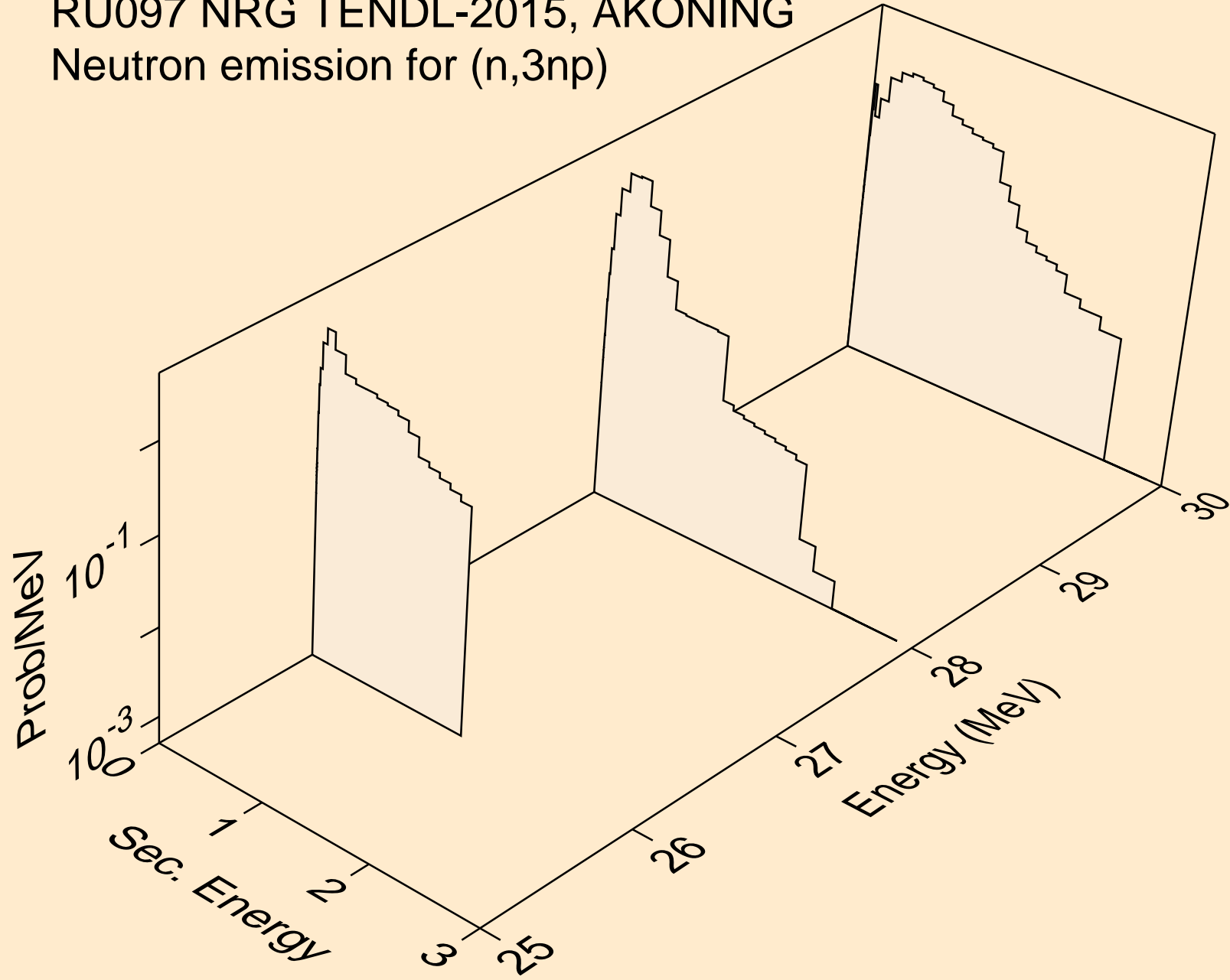
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



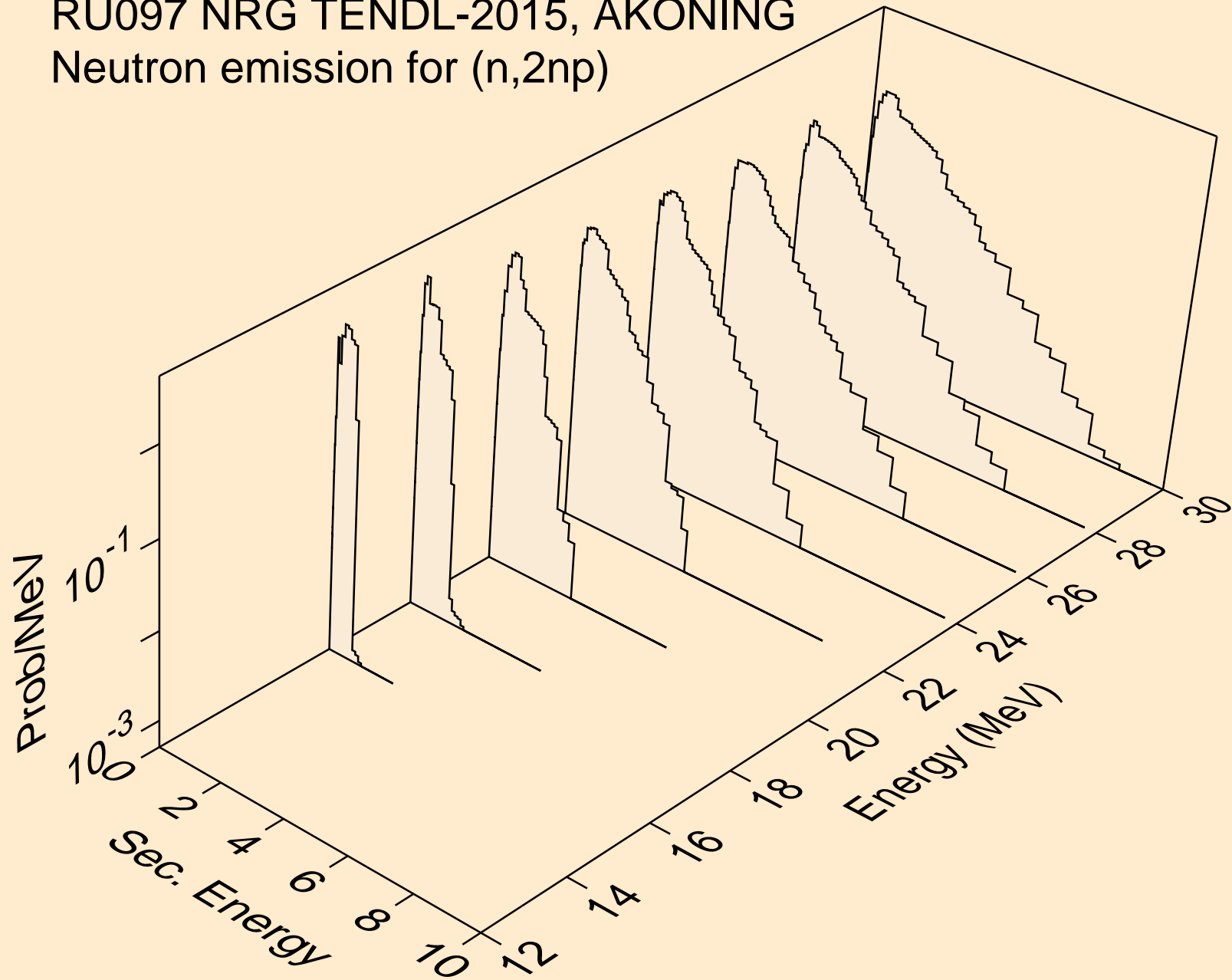
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



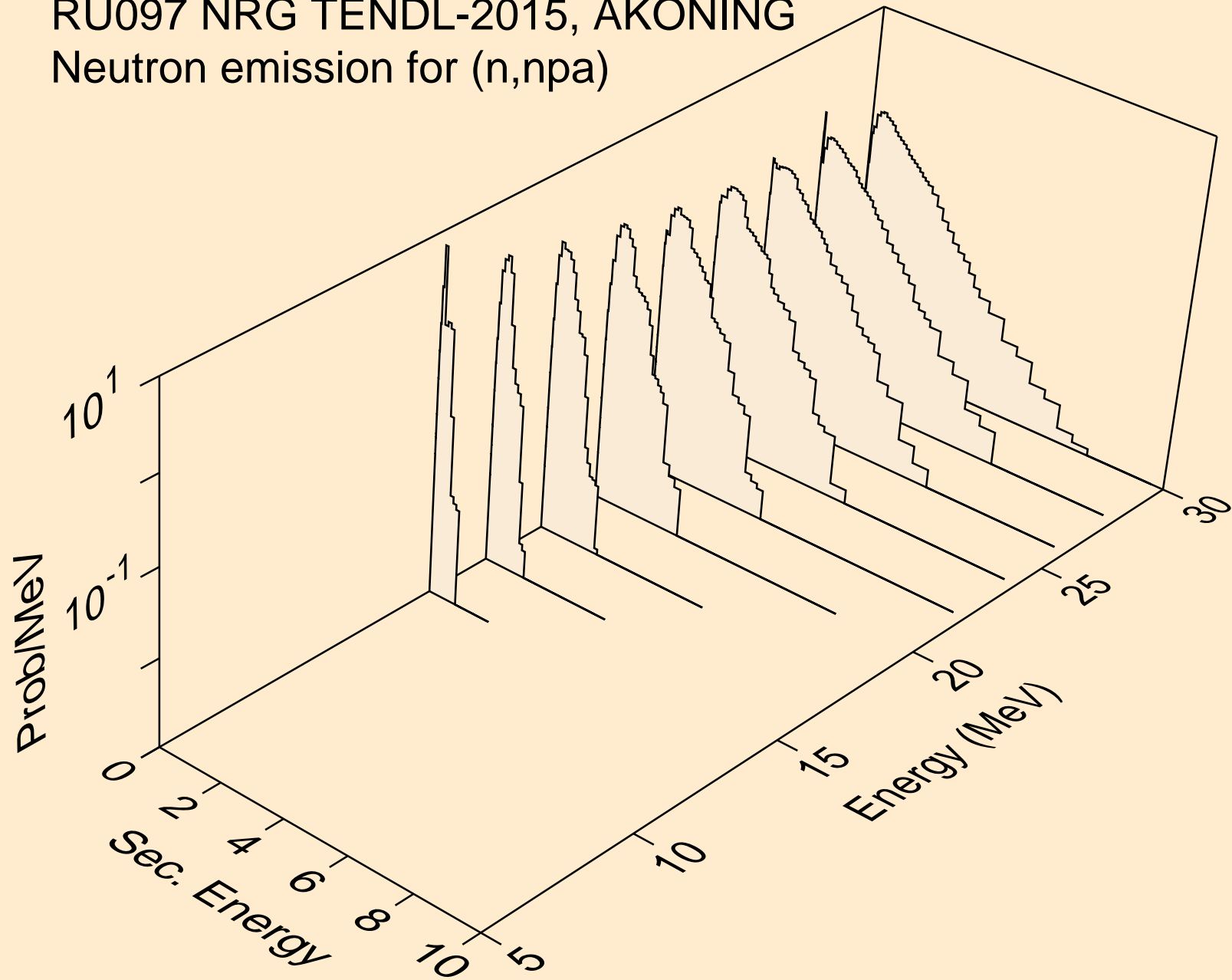
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



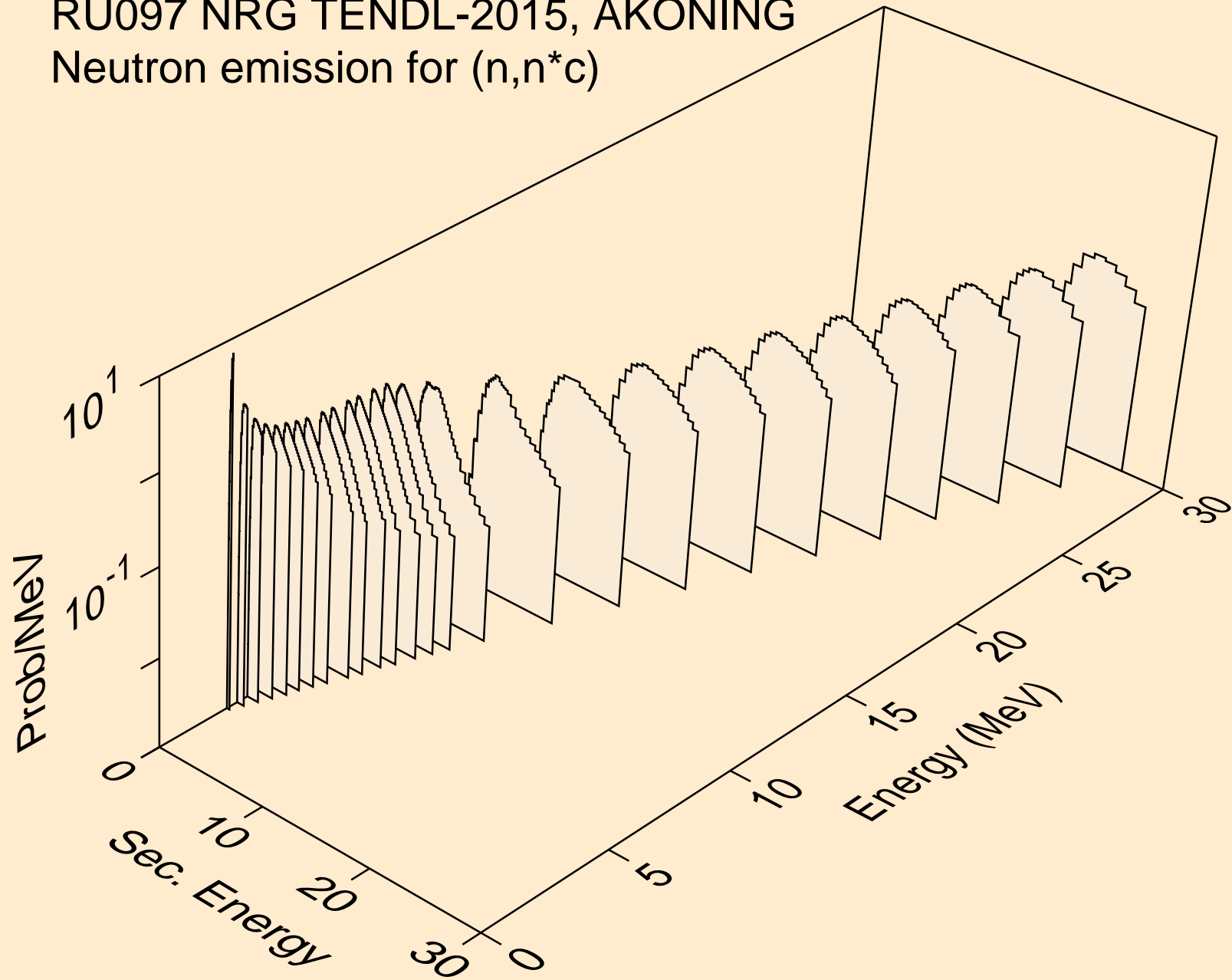
RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

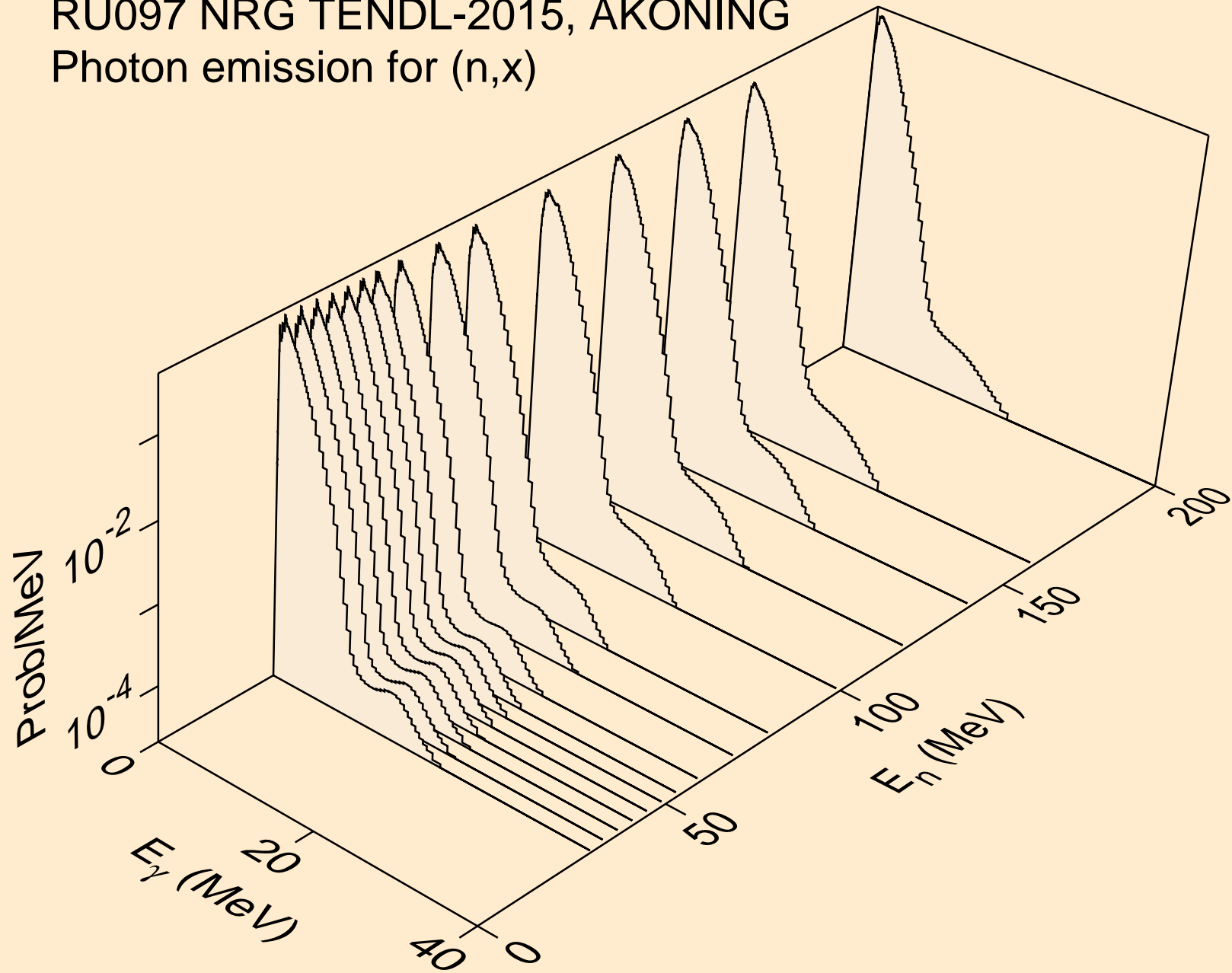


RU097 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

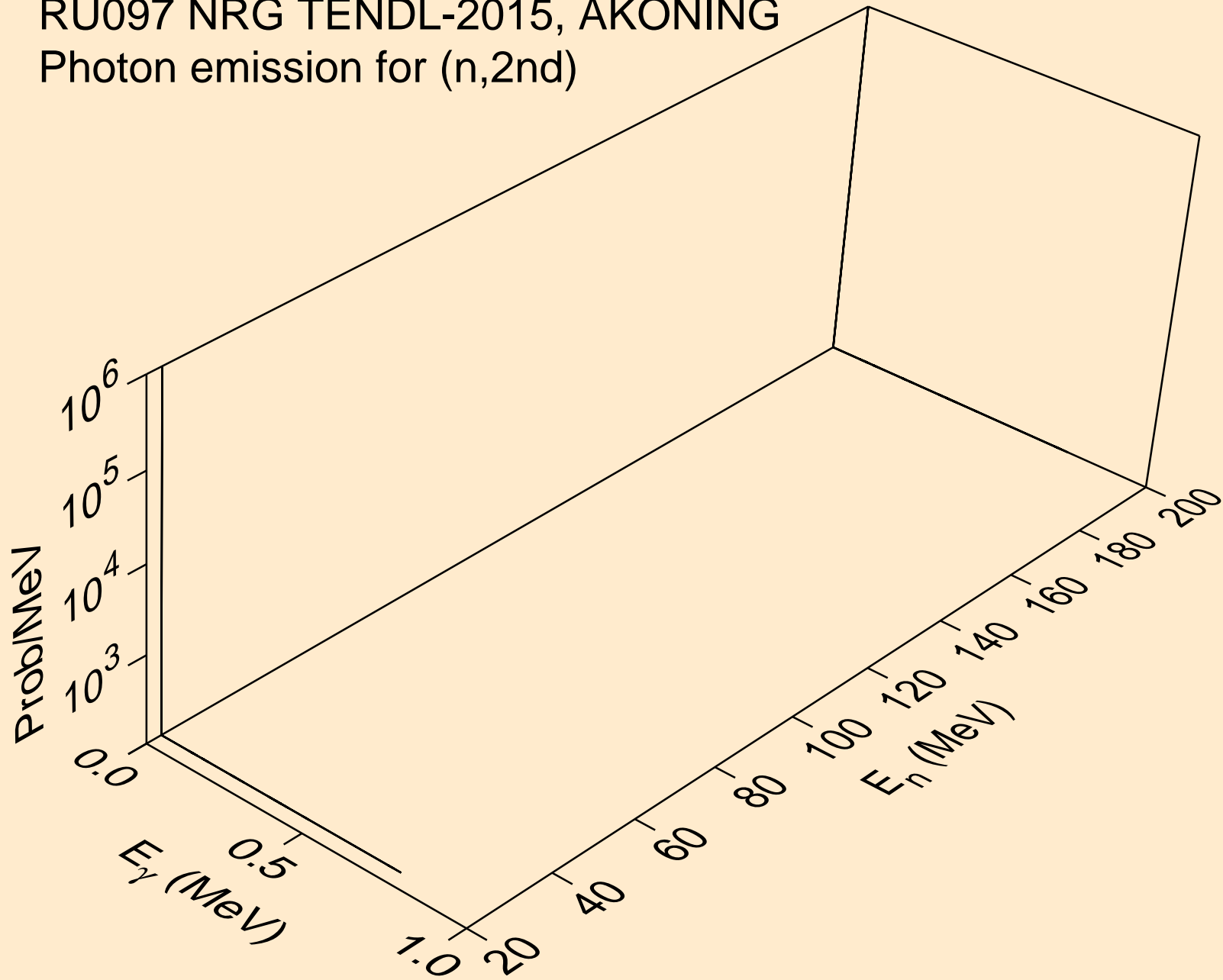




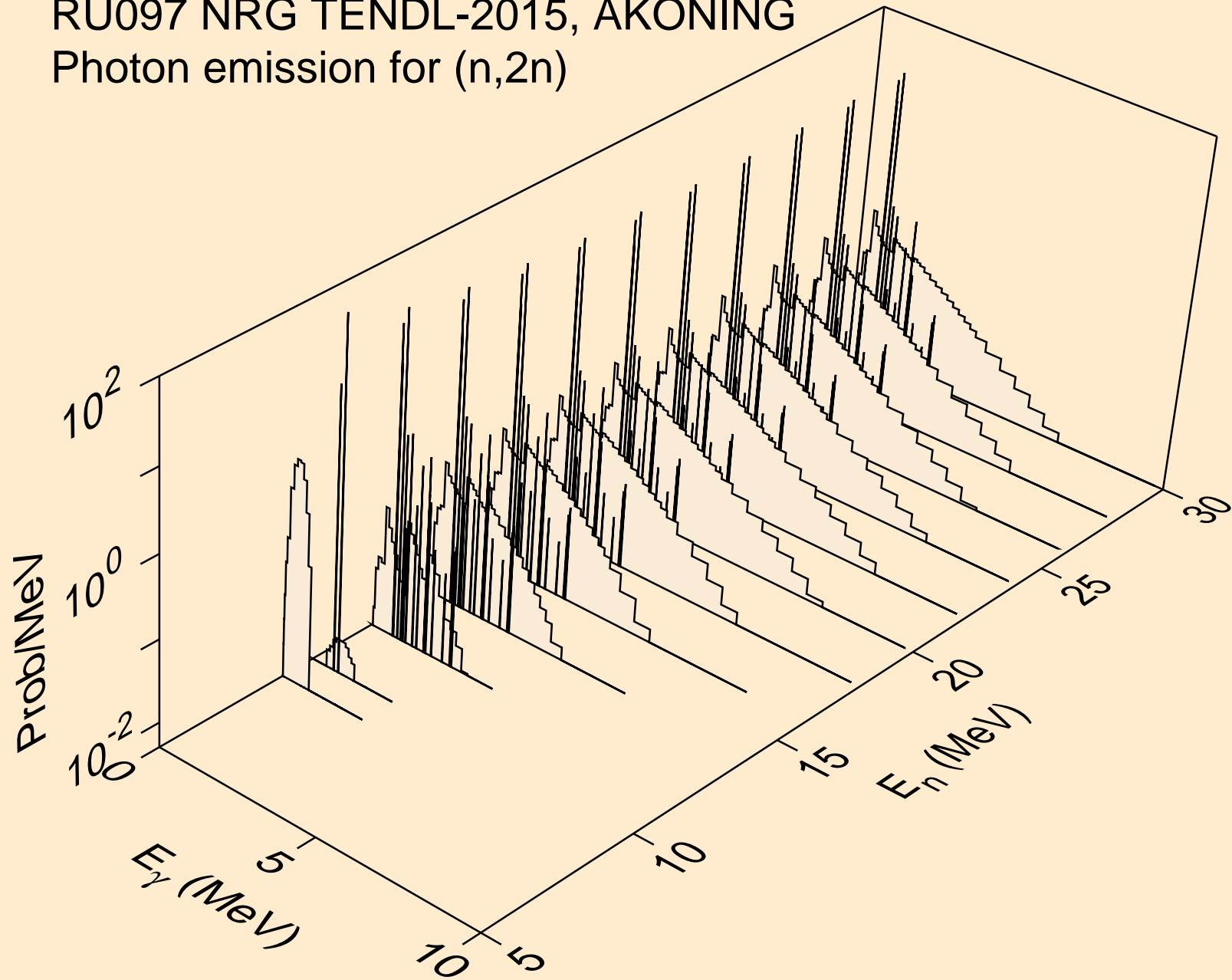
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



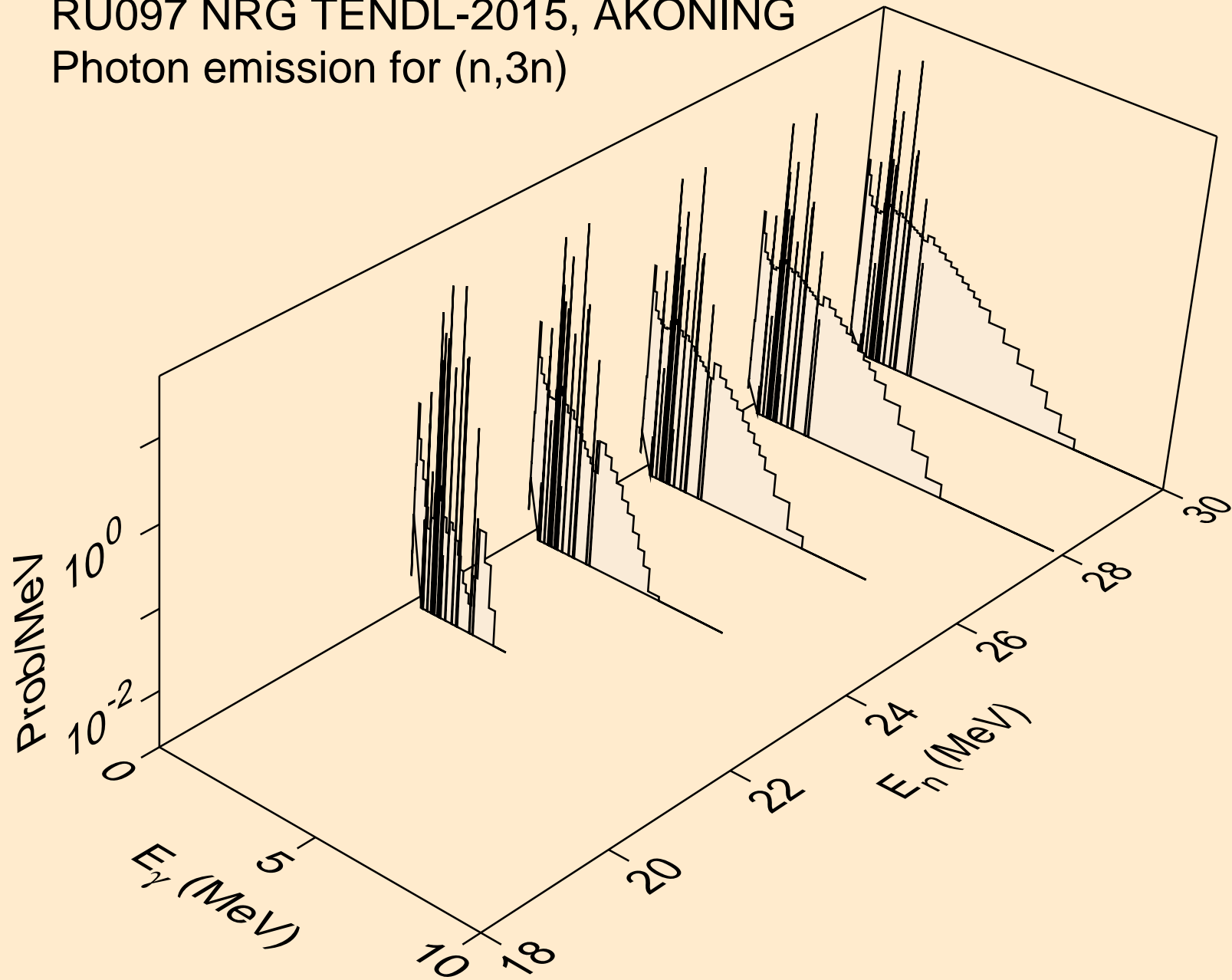
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



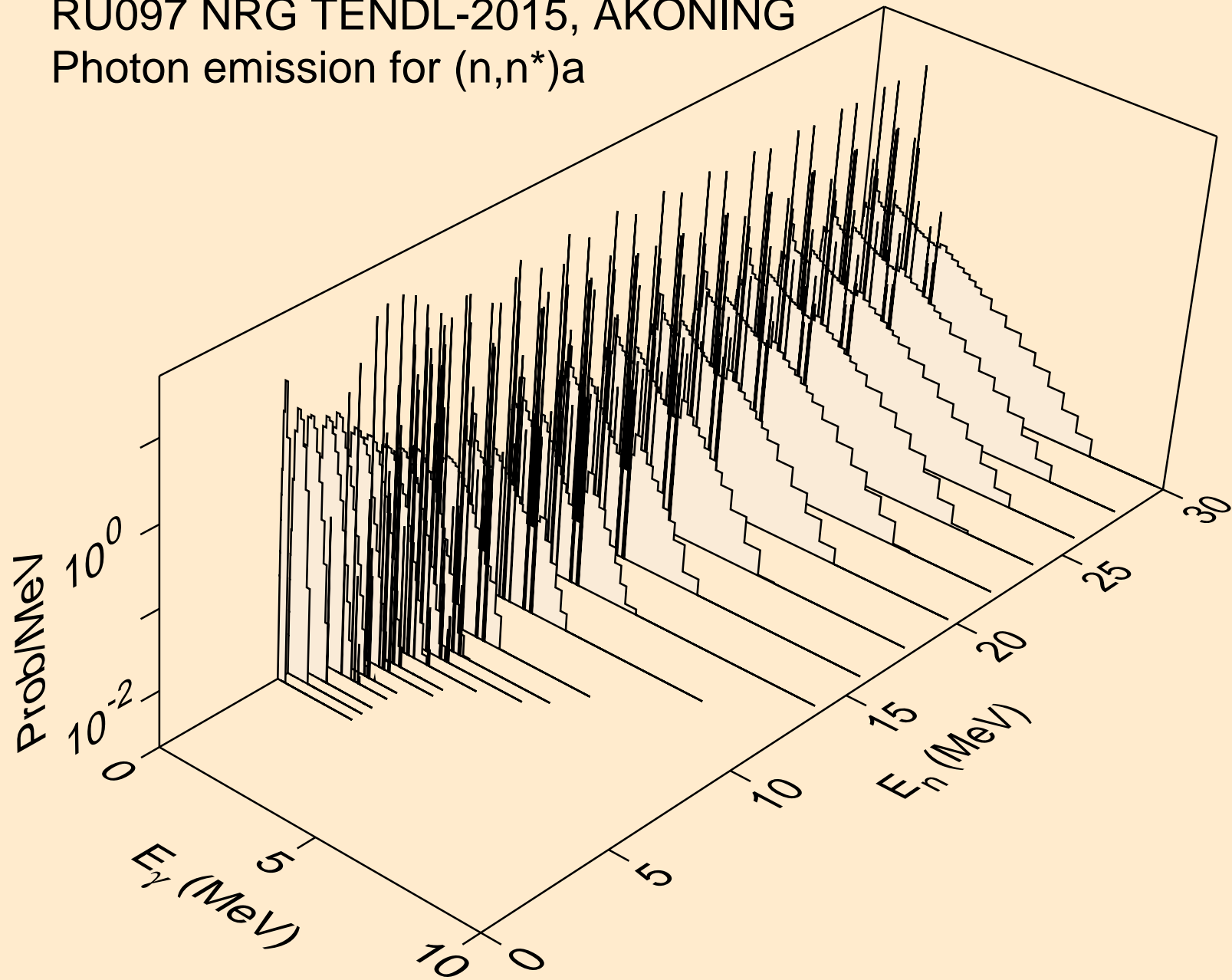
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



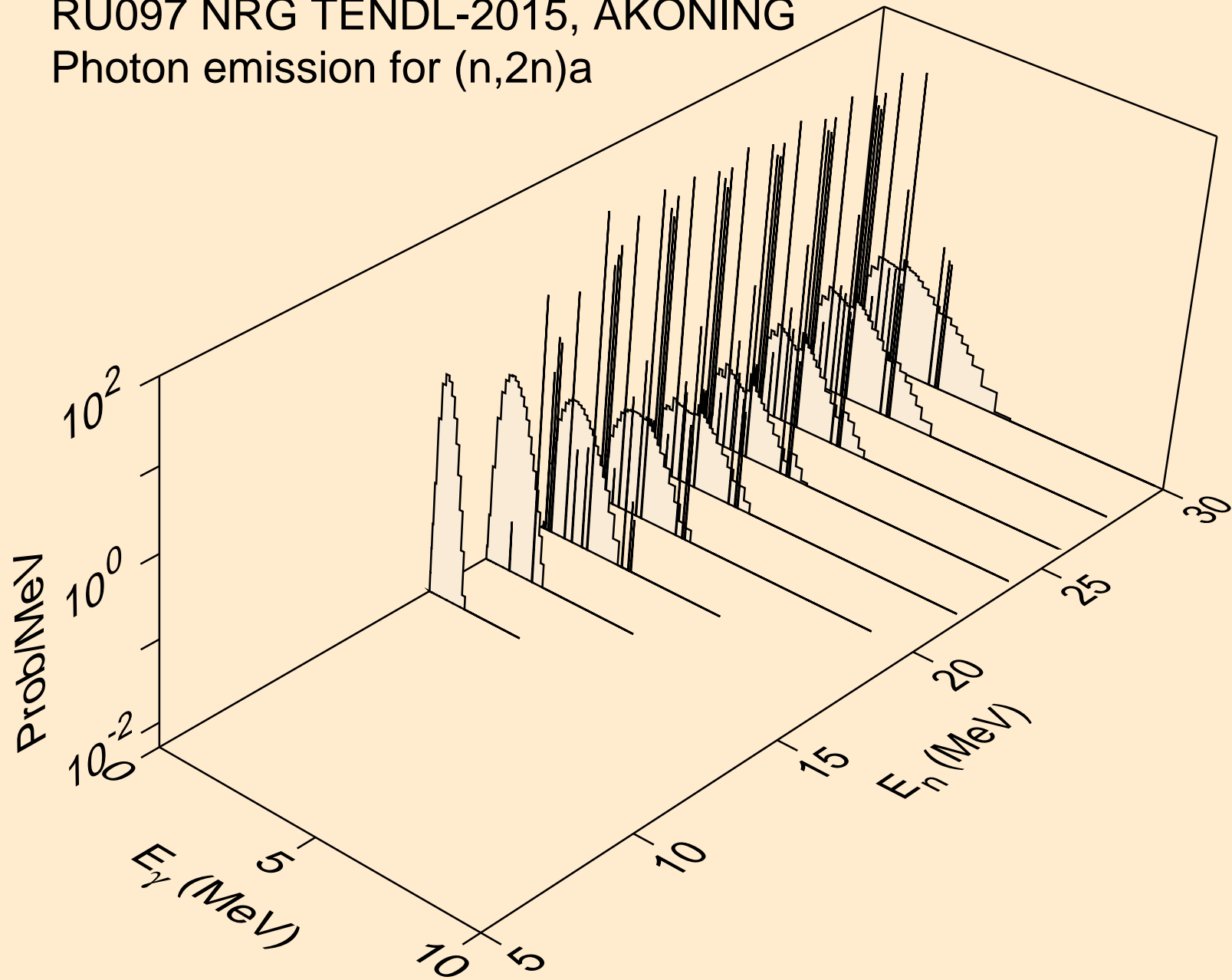
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



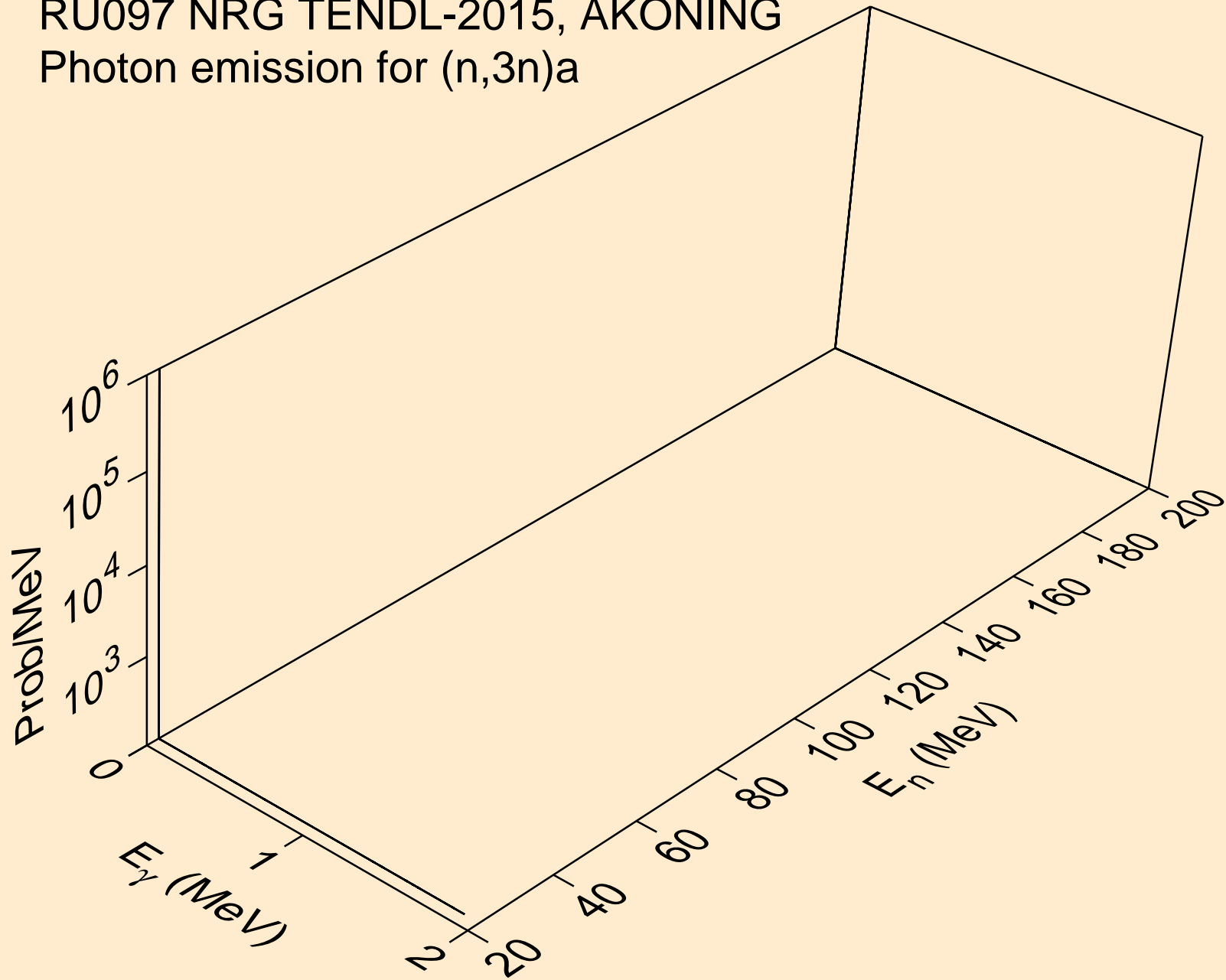
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



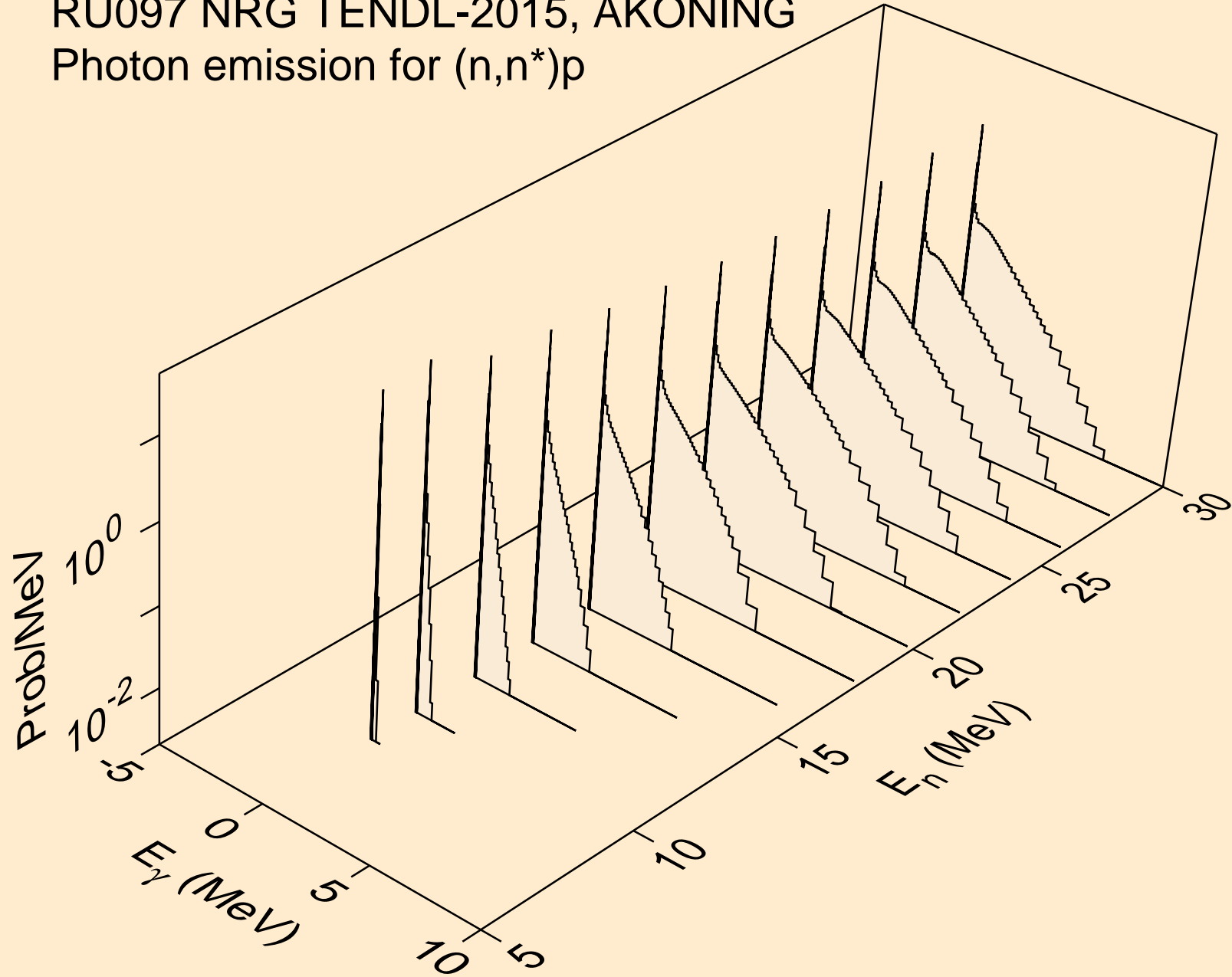
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

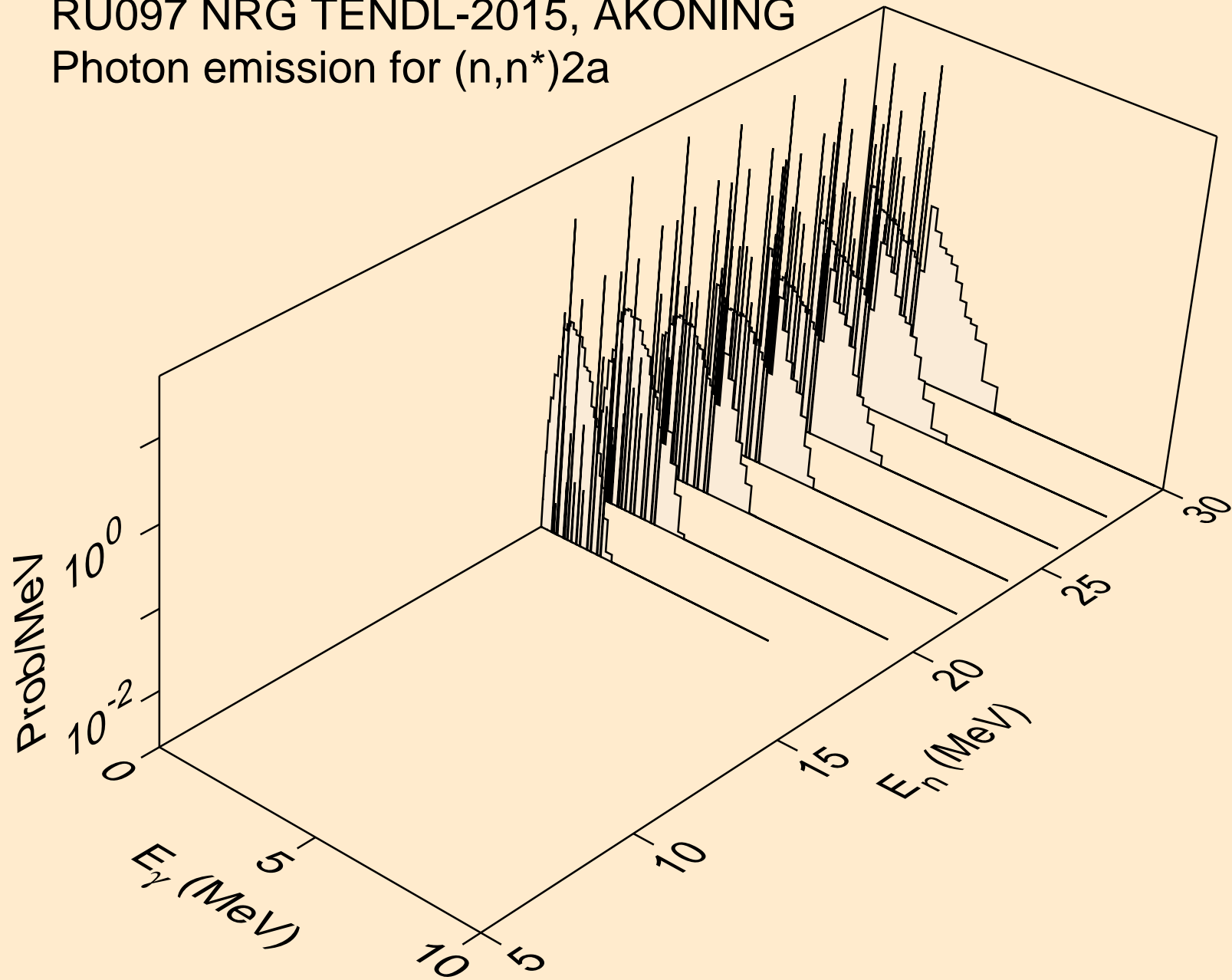


RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

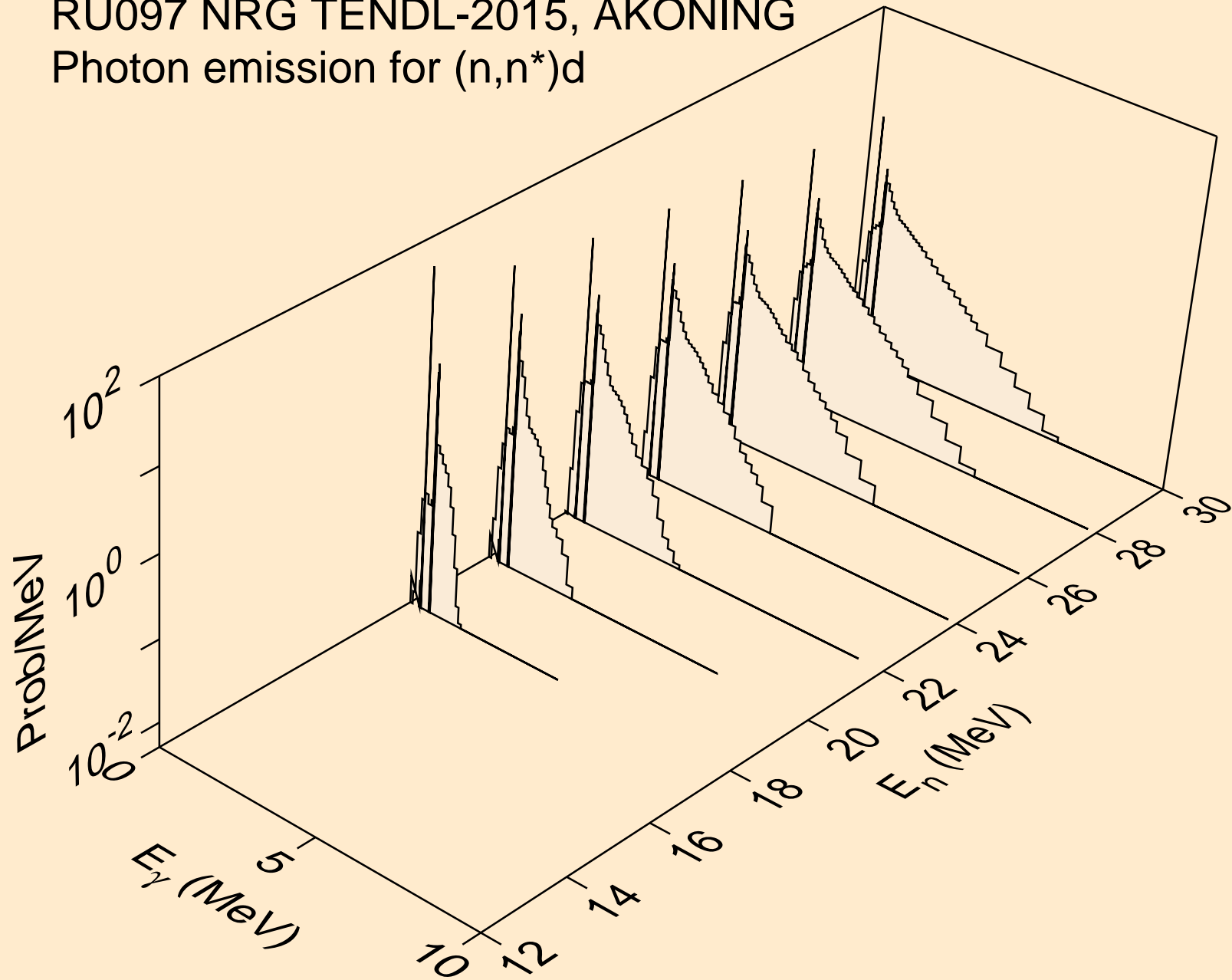




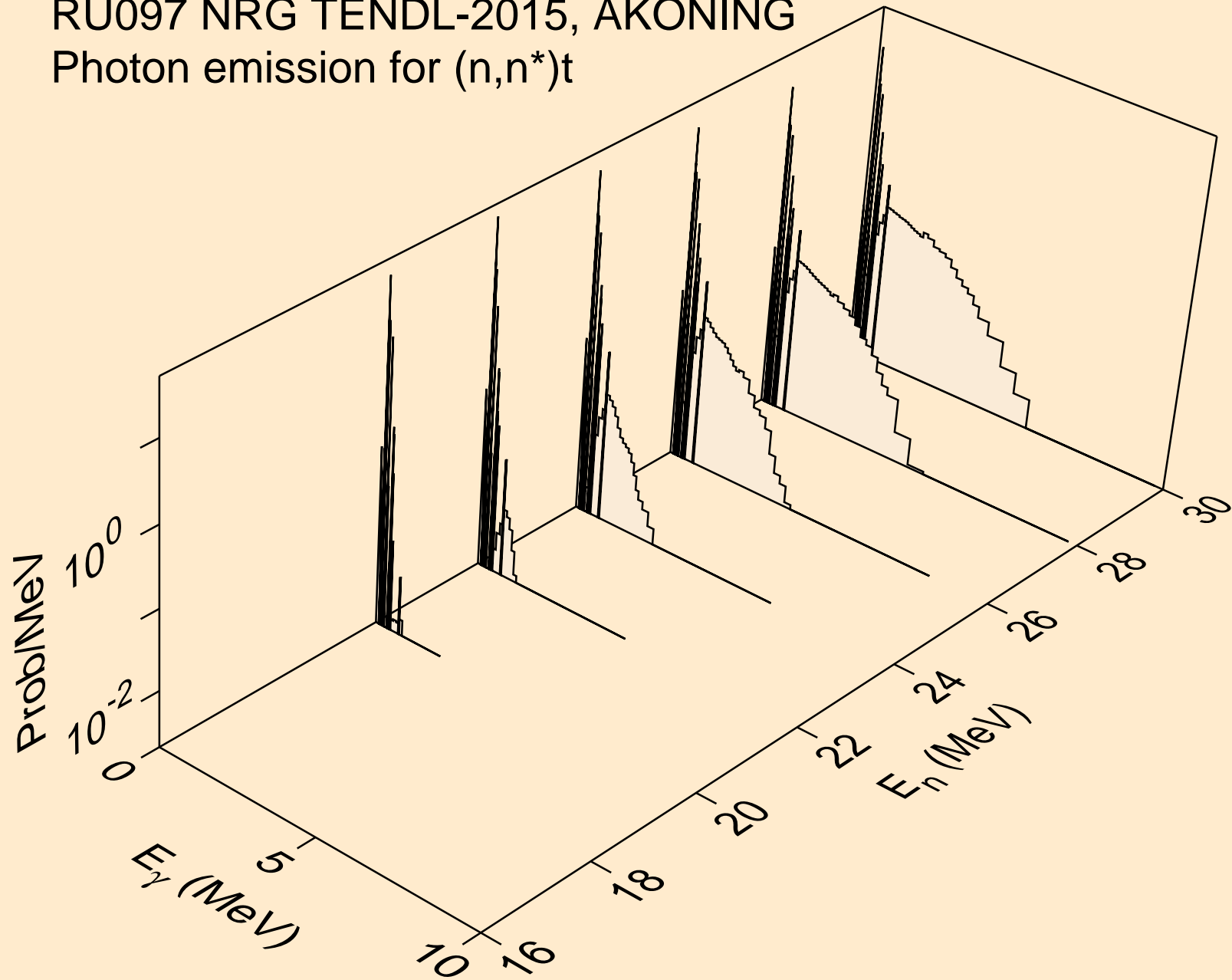
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



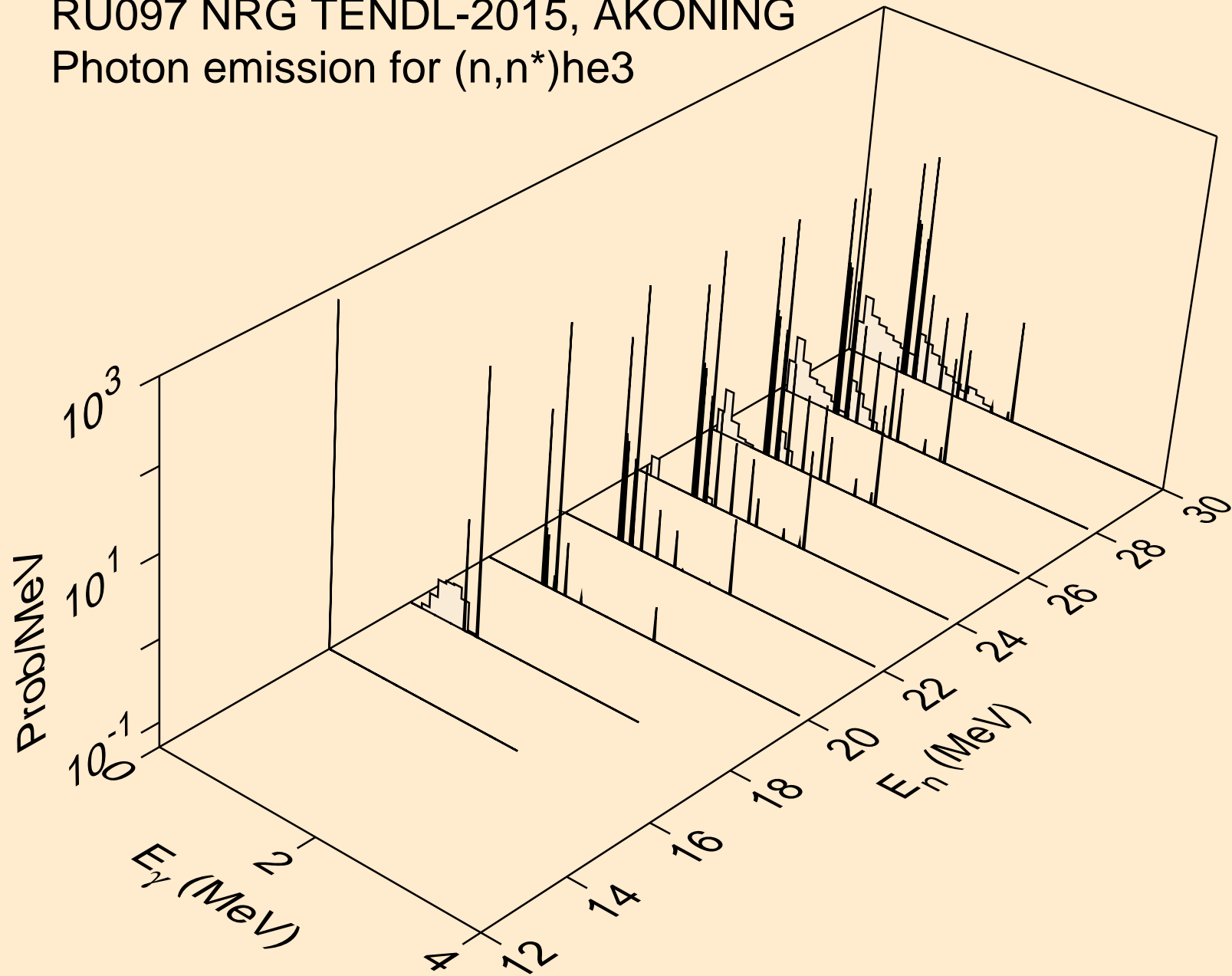
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



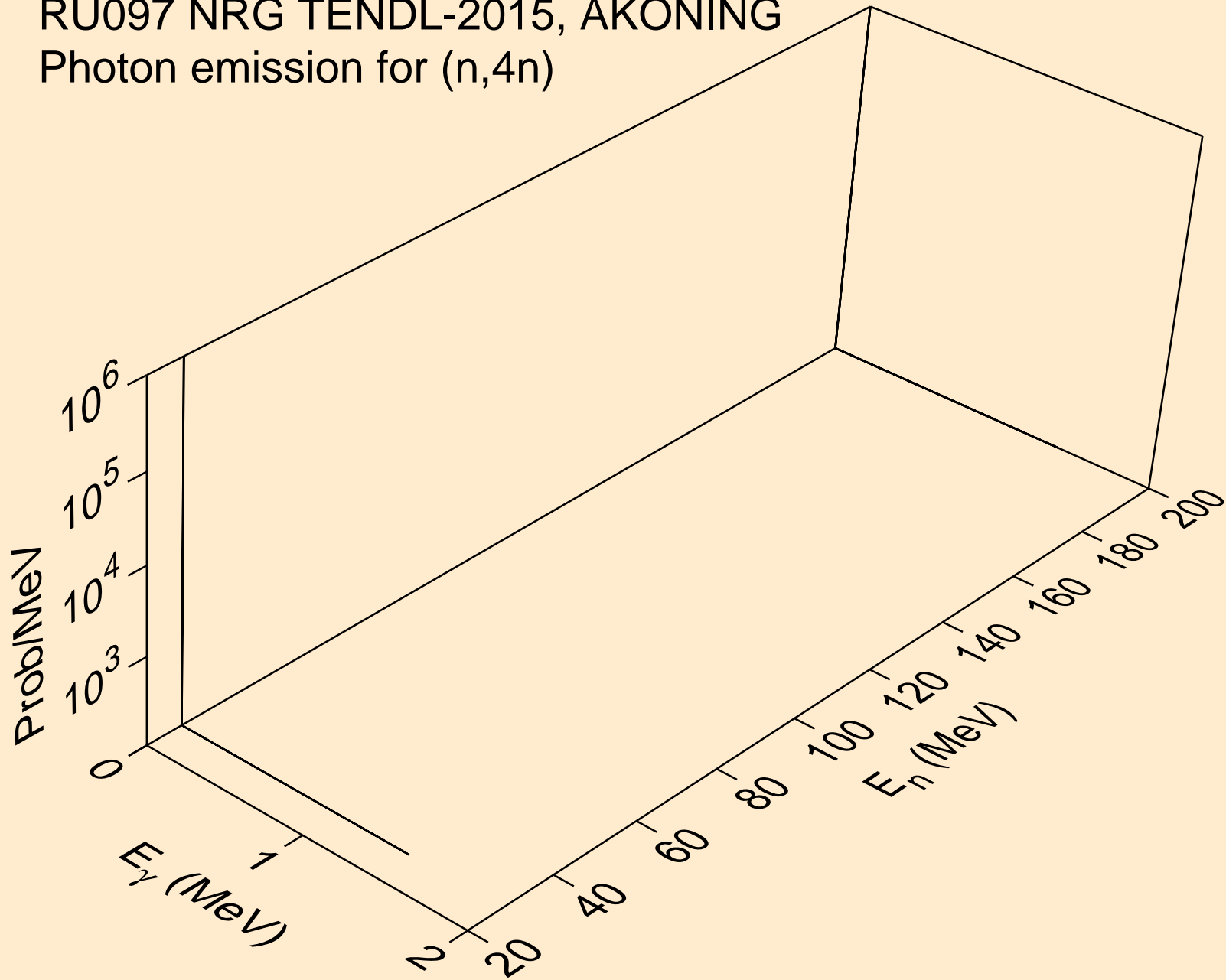
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



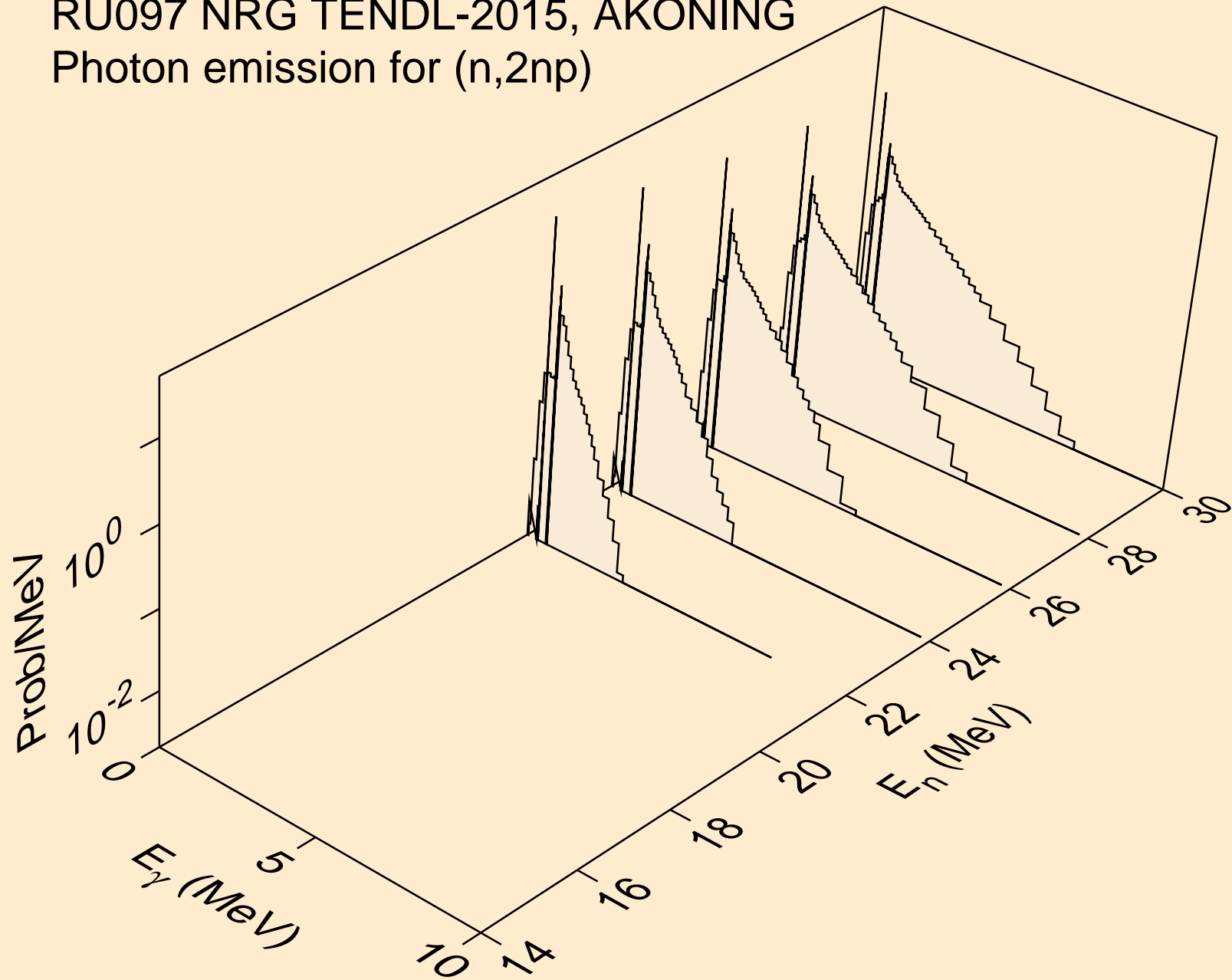
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



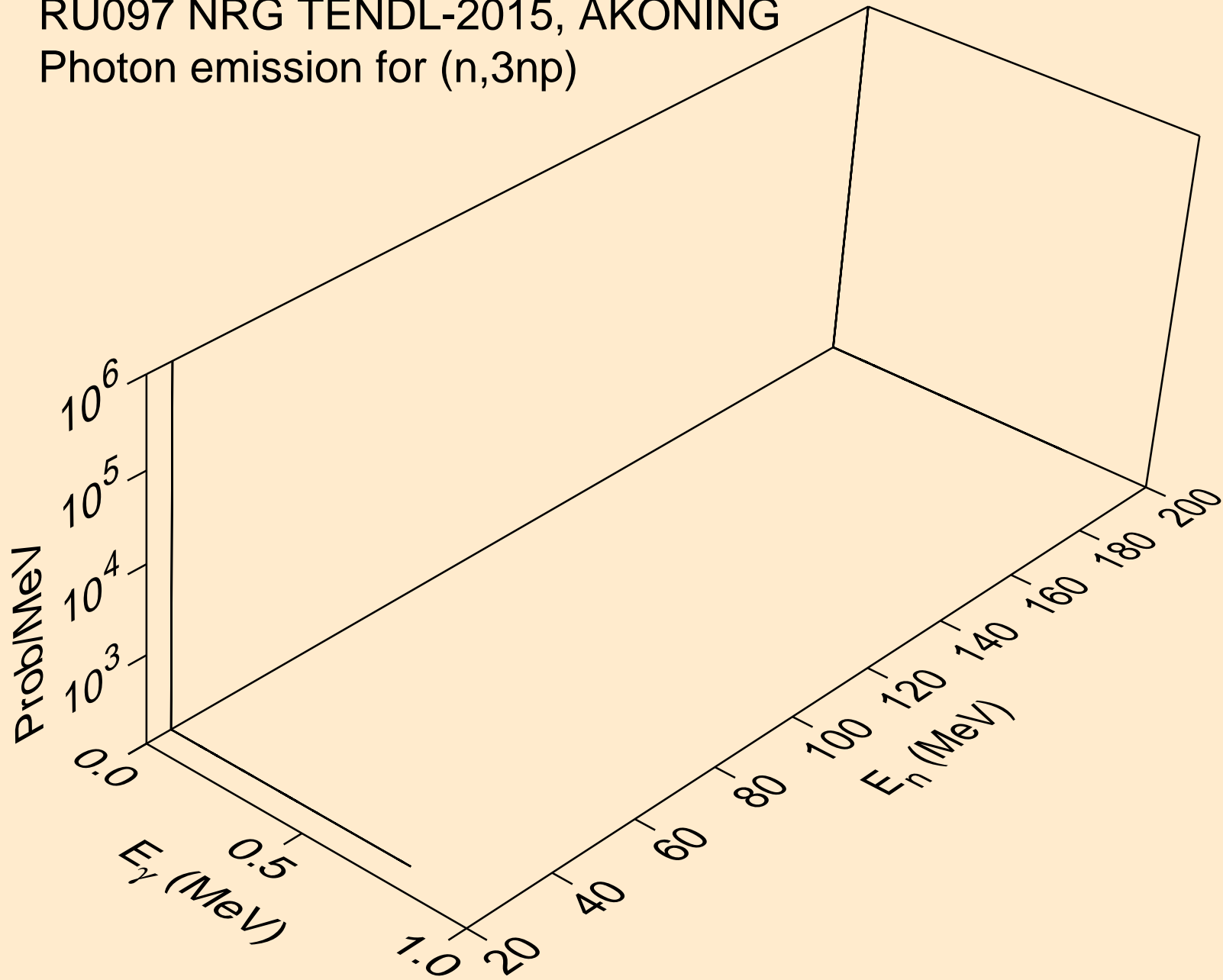
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



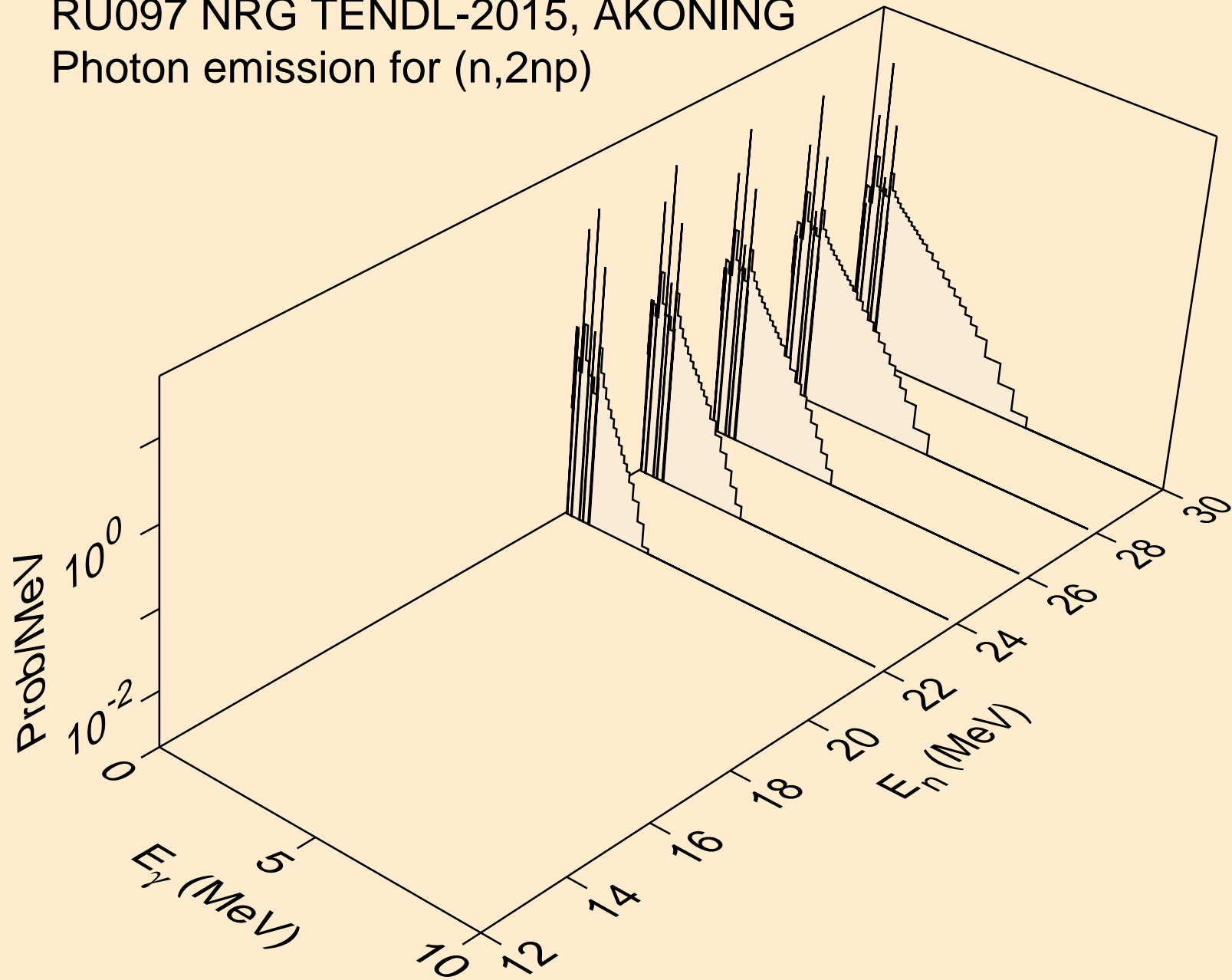
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

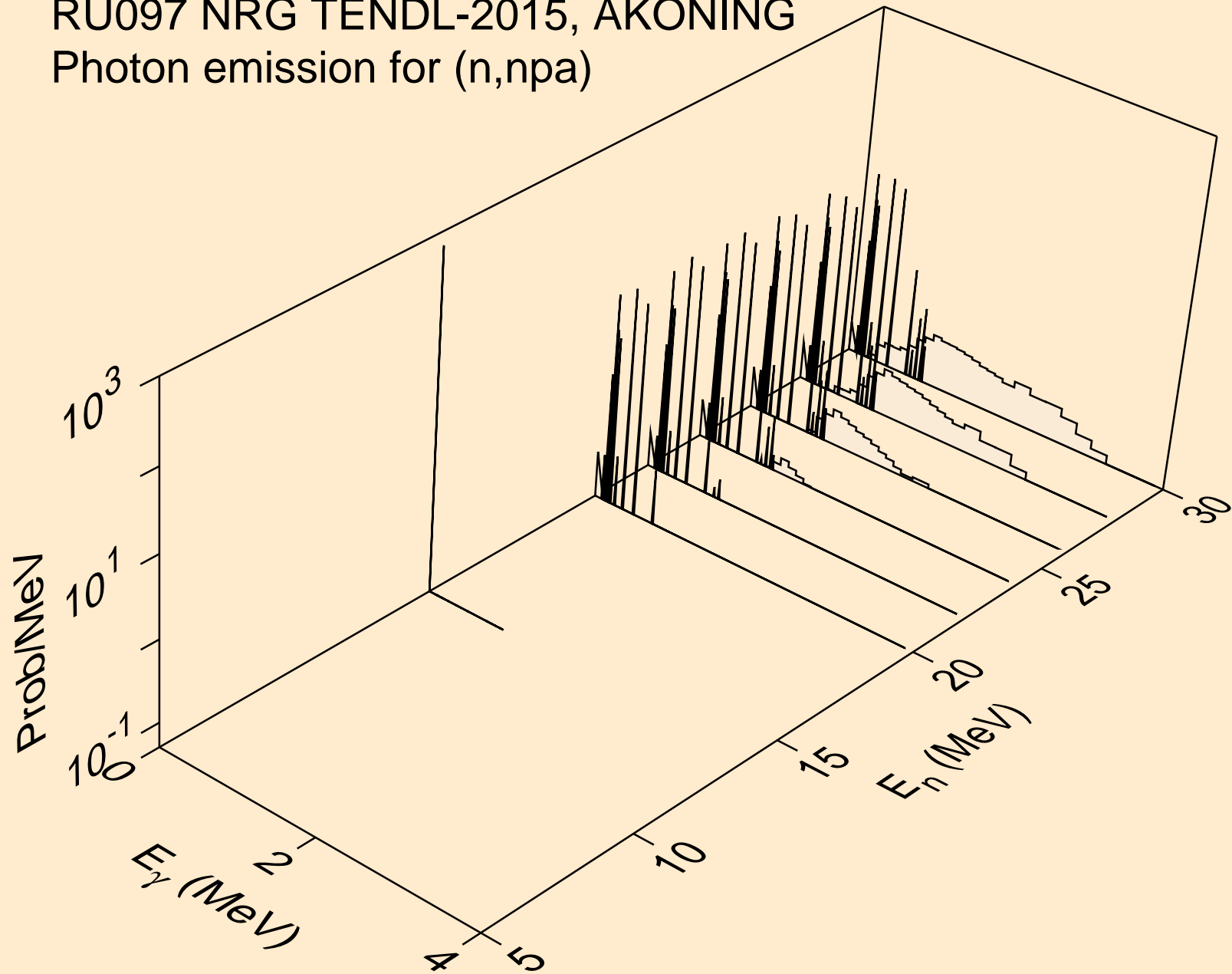


RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

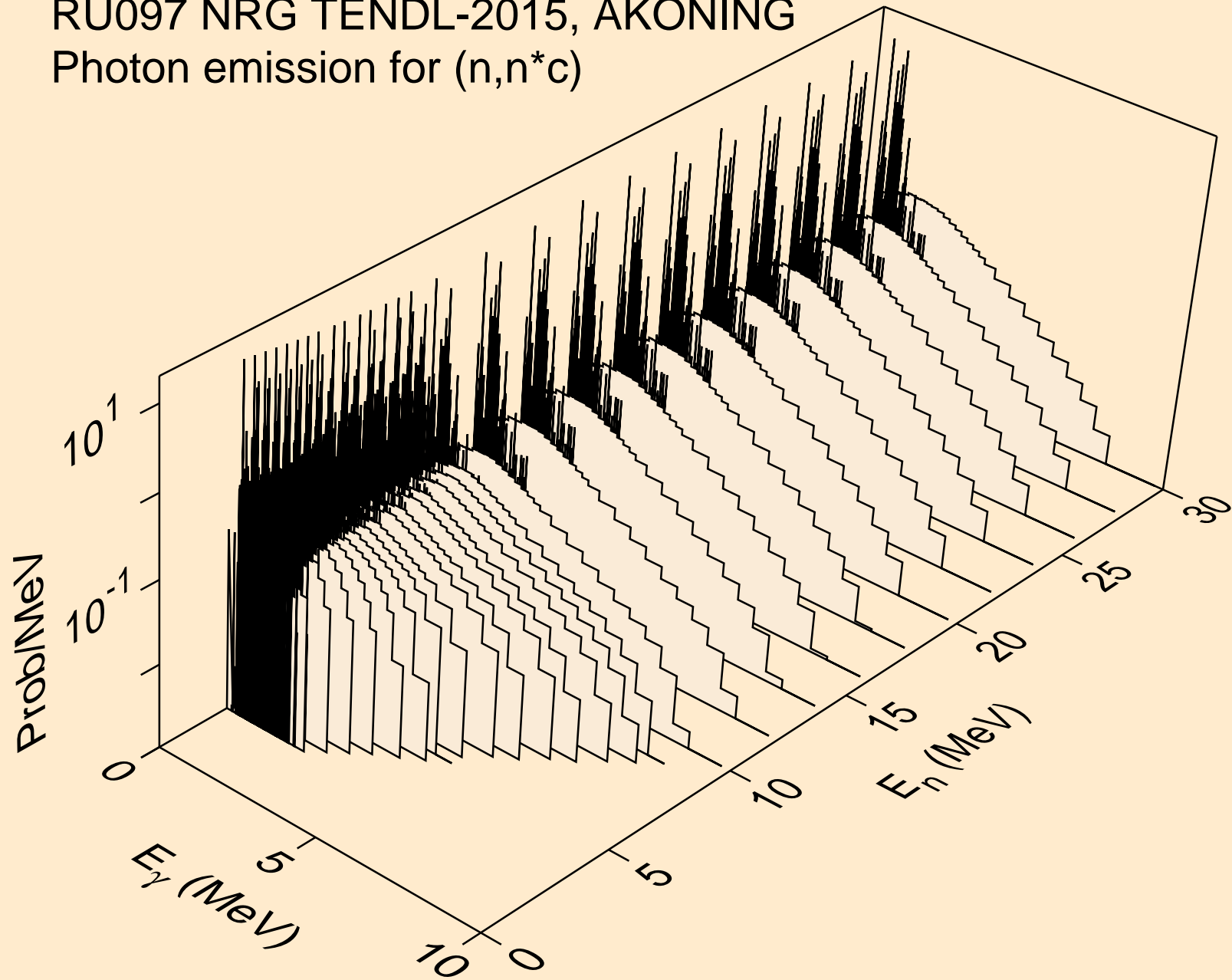




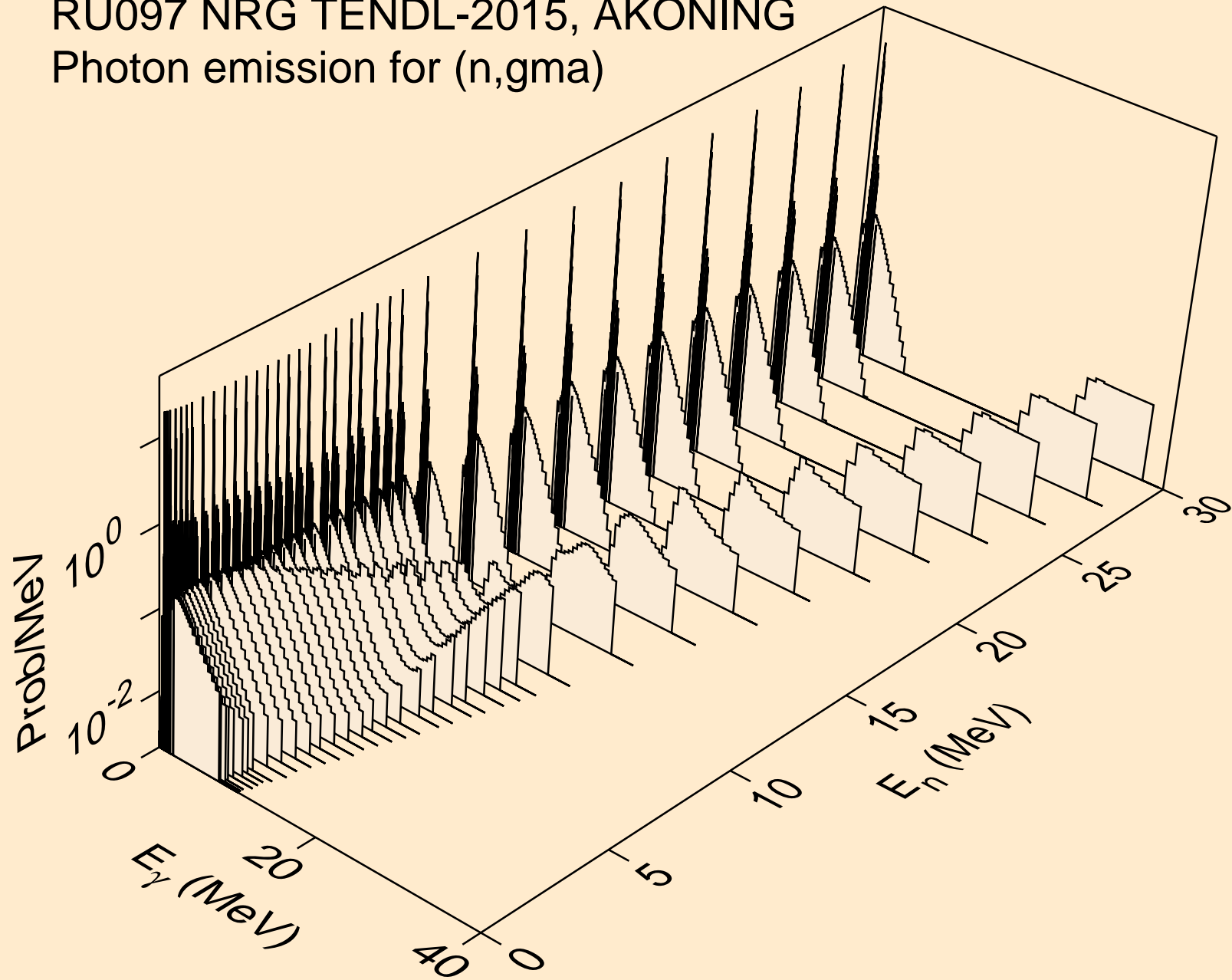
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



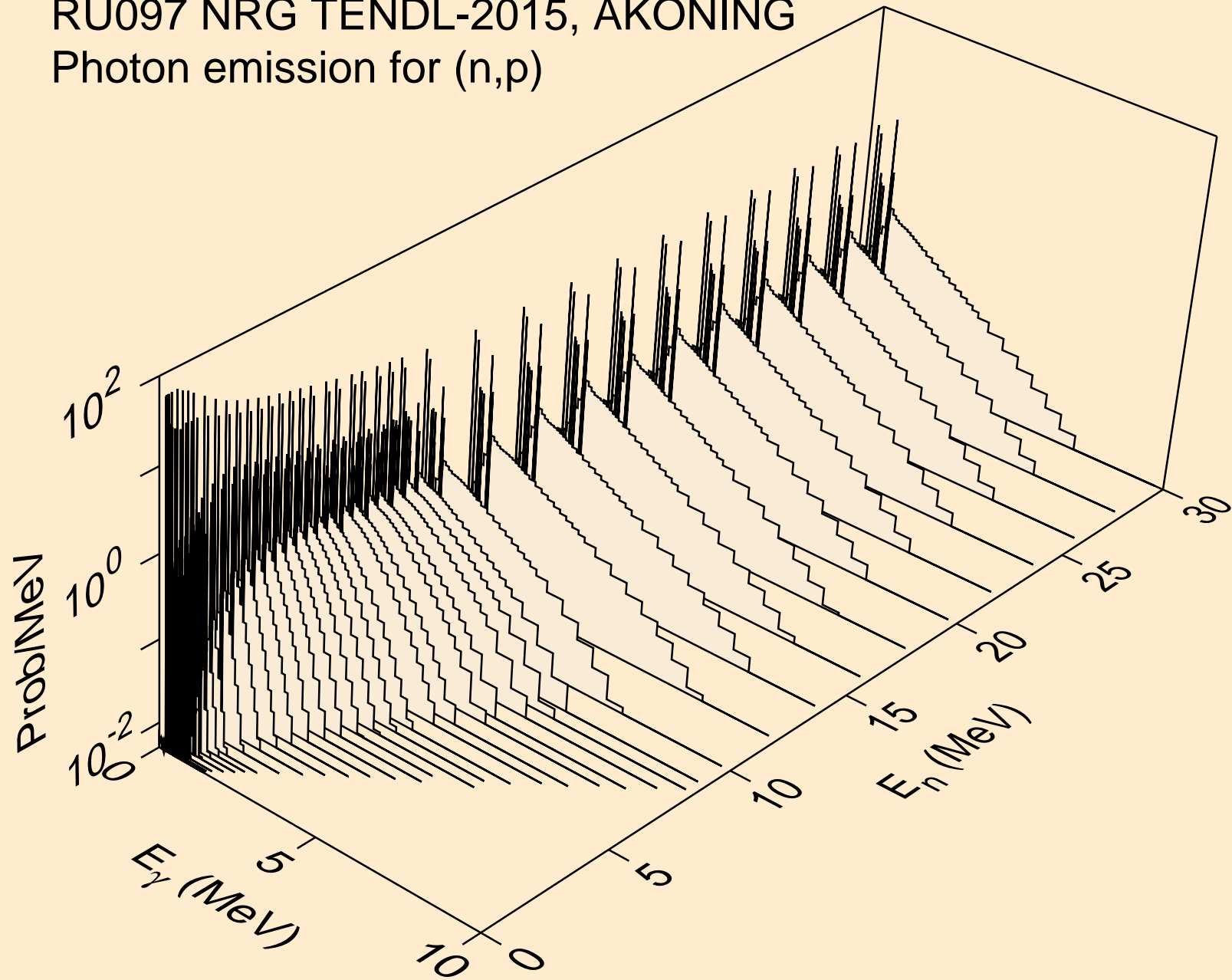
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



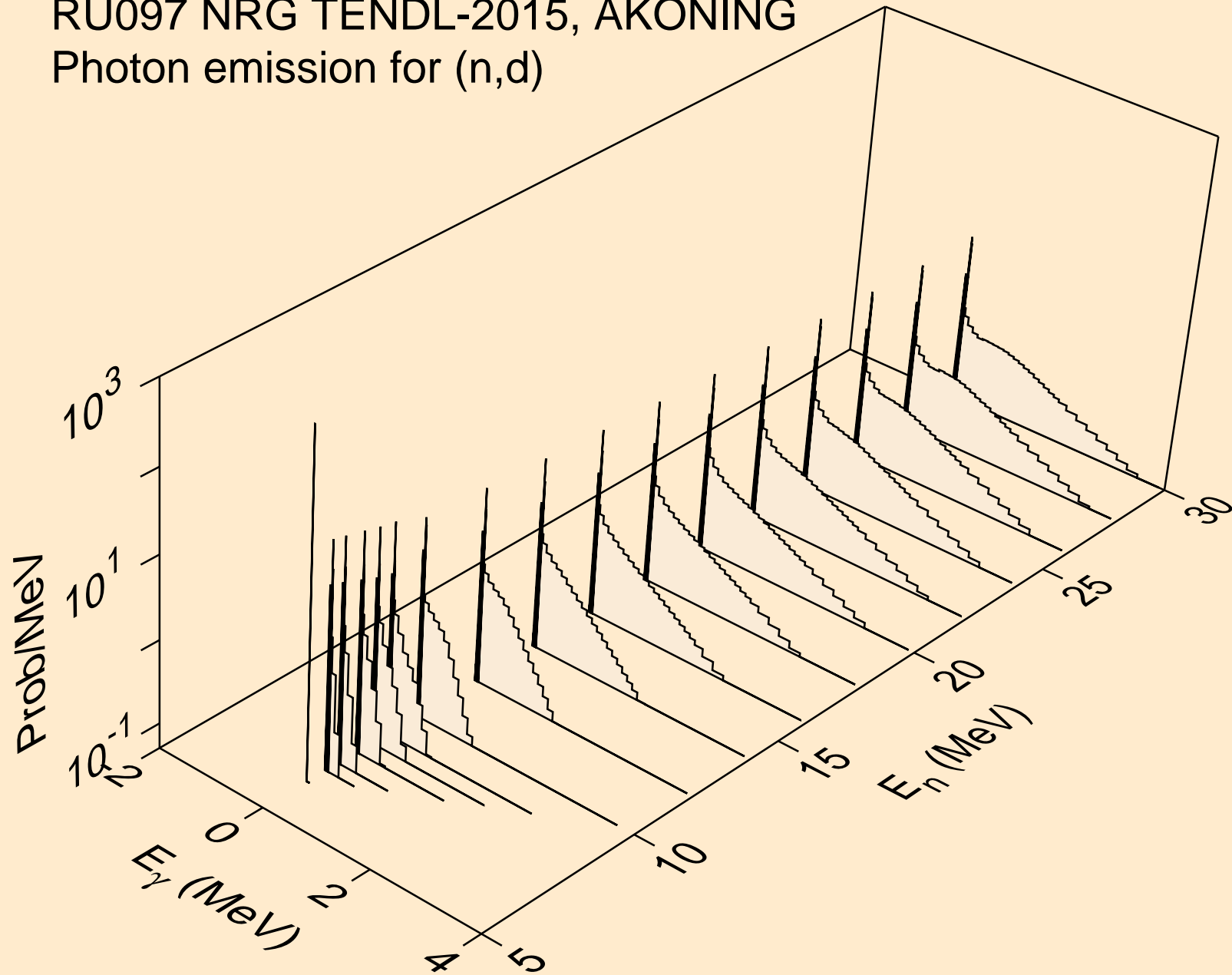
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



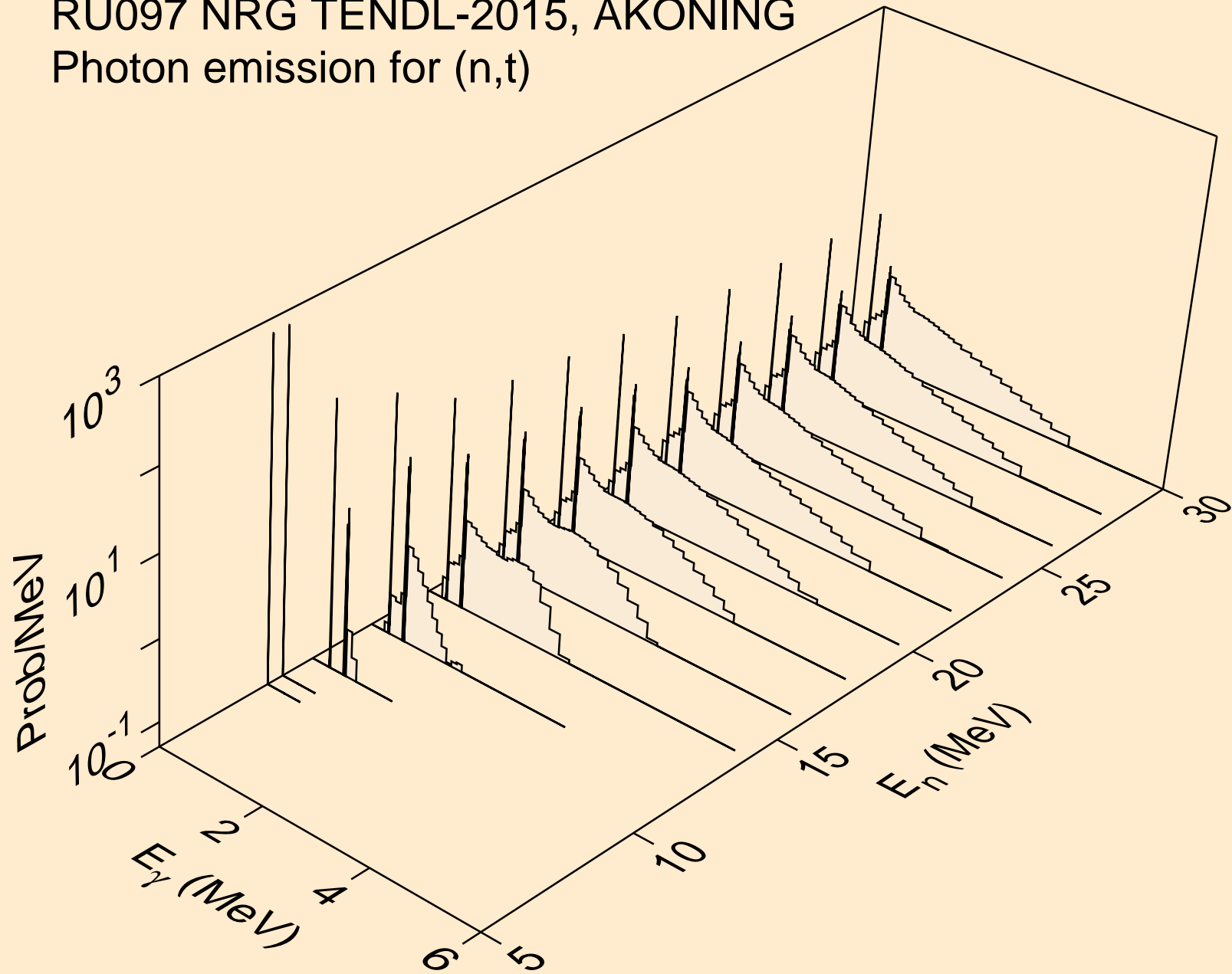
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



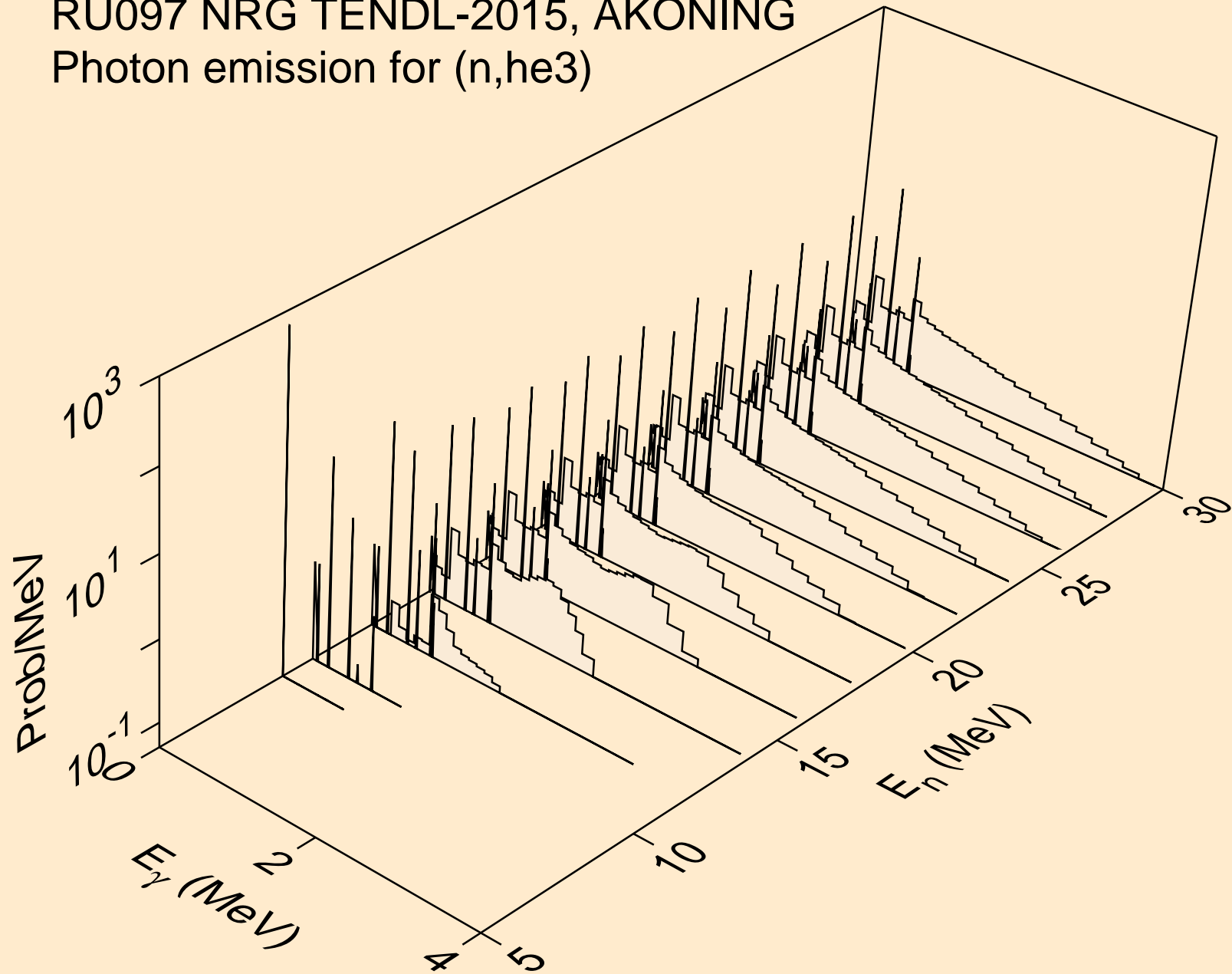
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



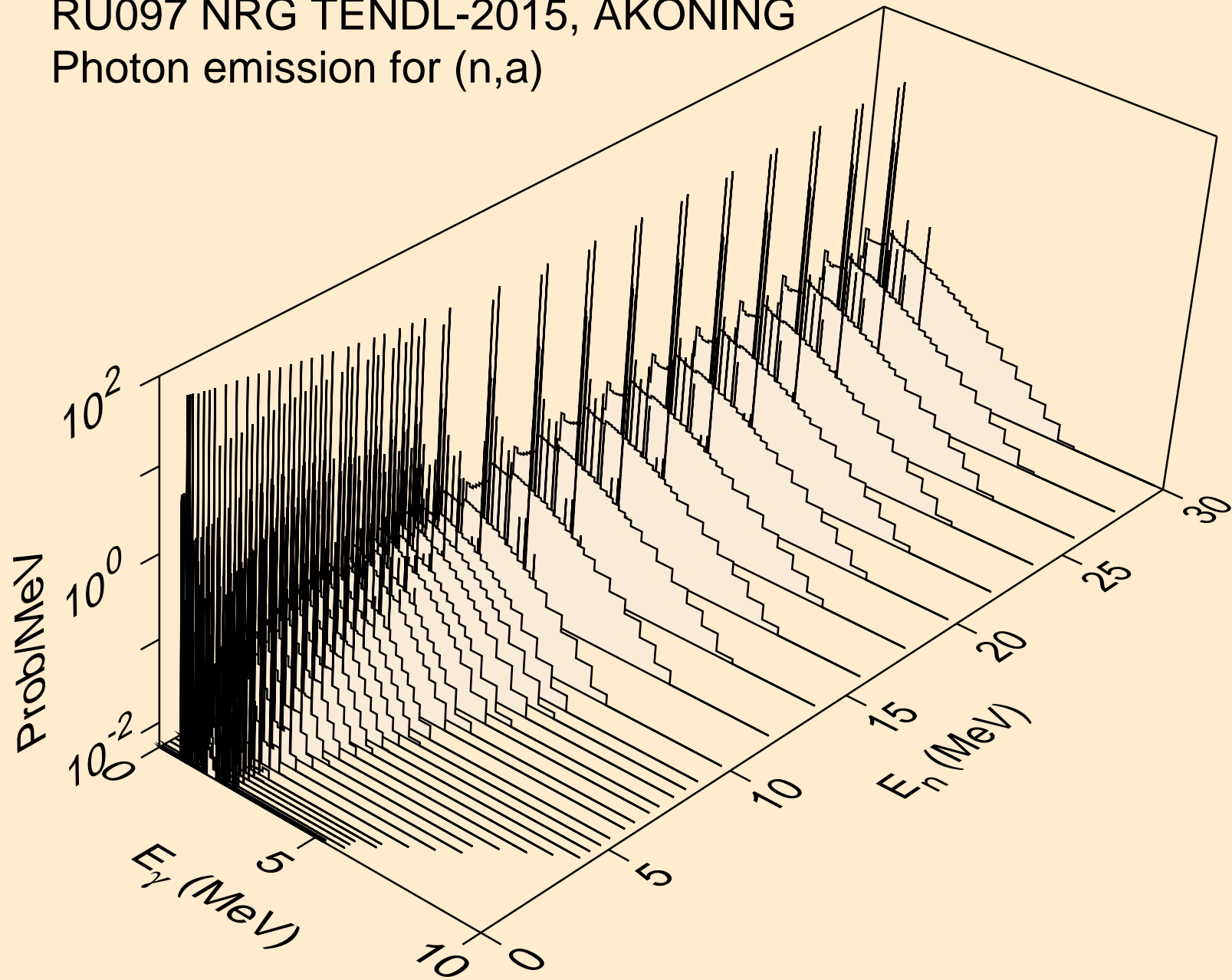
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

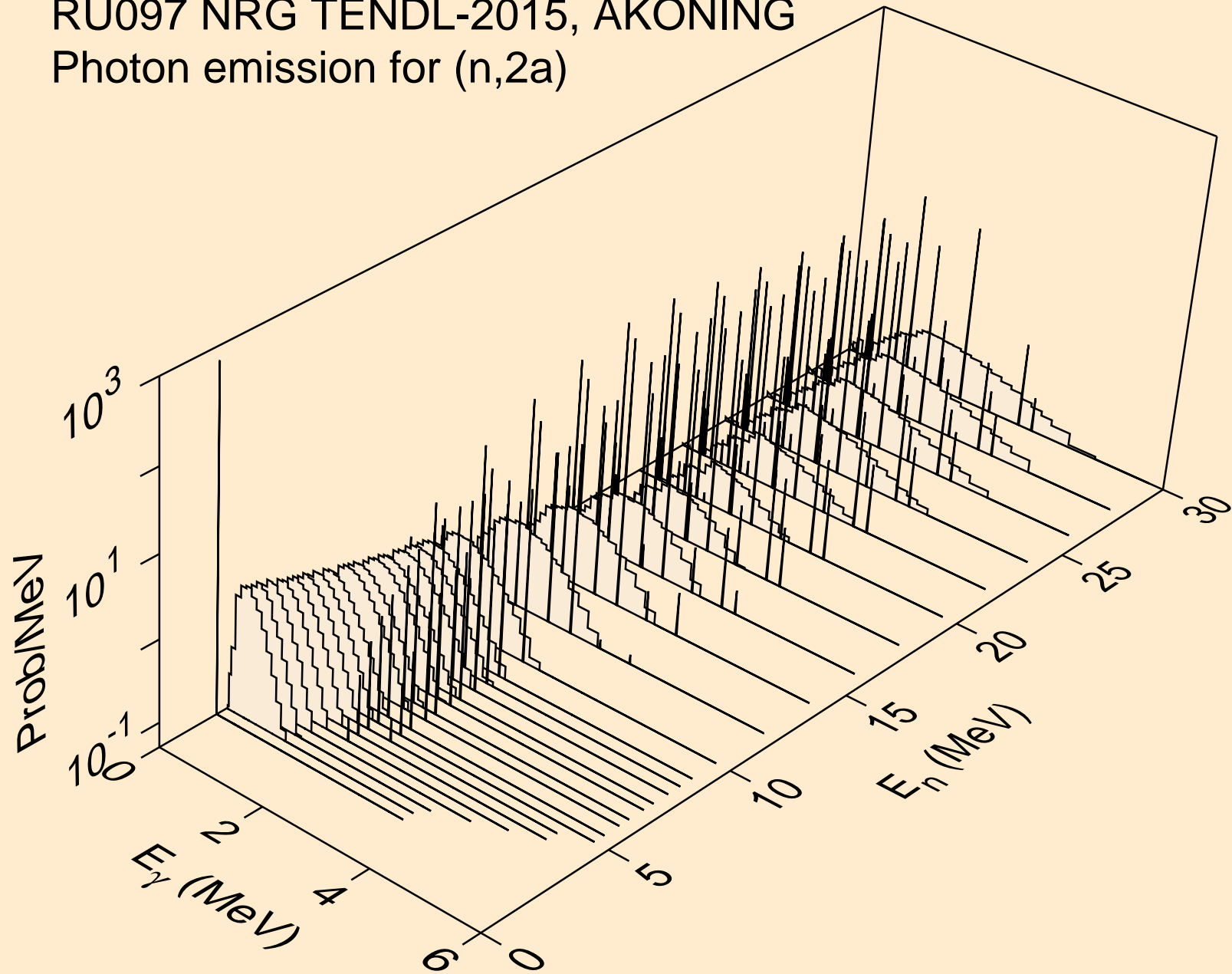


RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

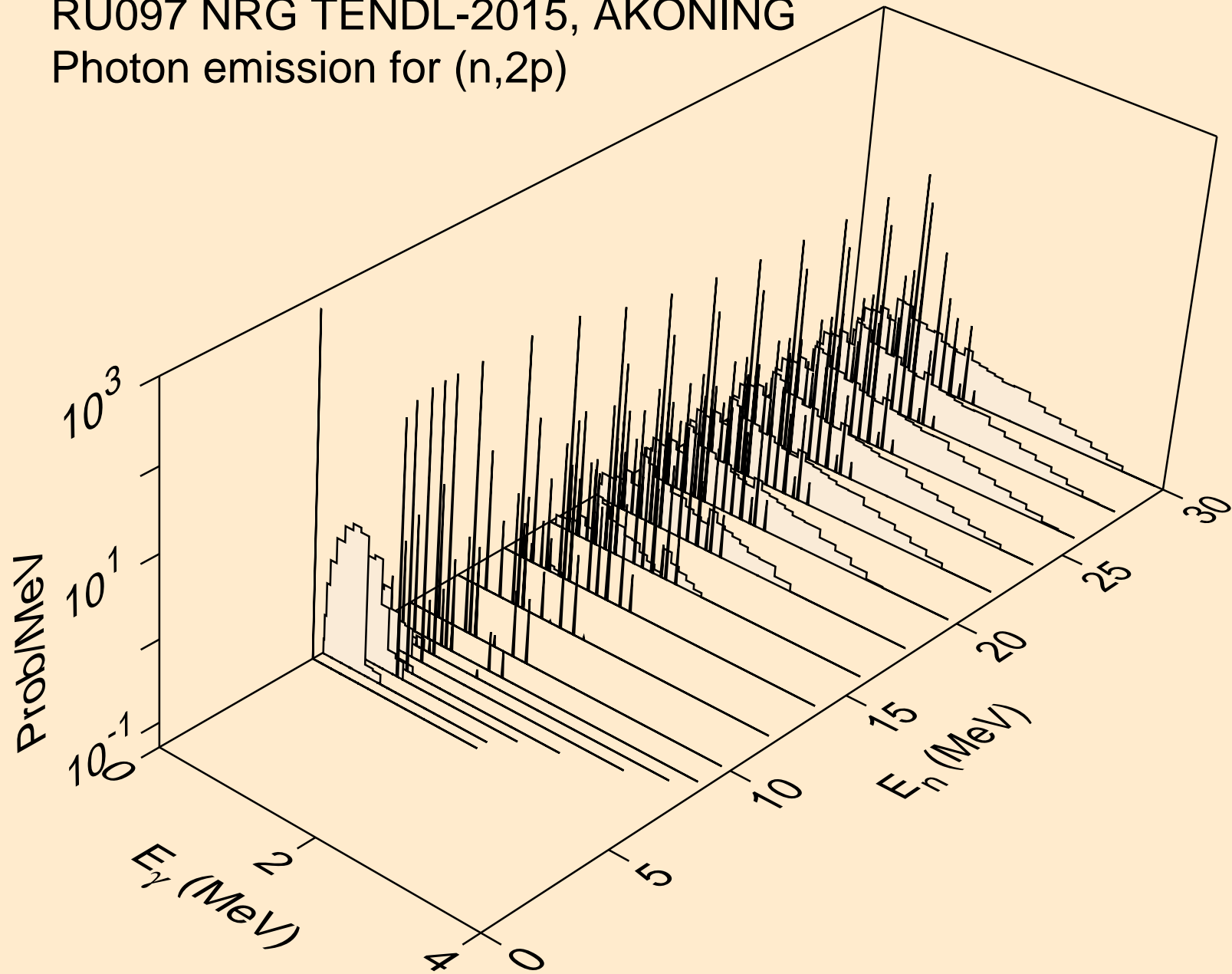




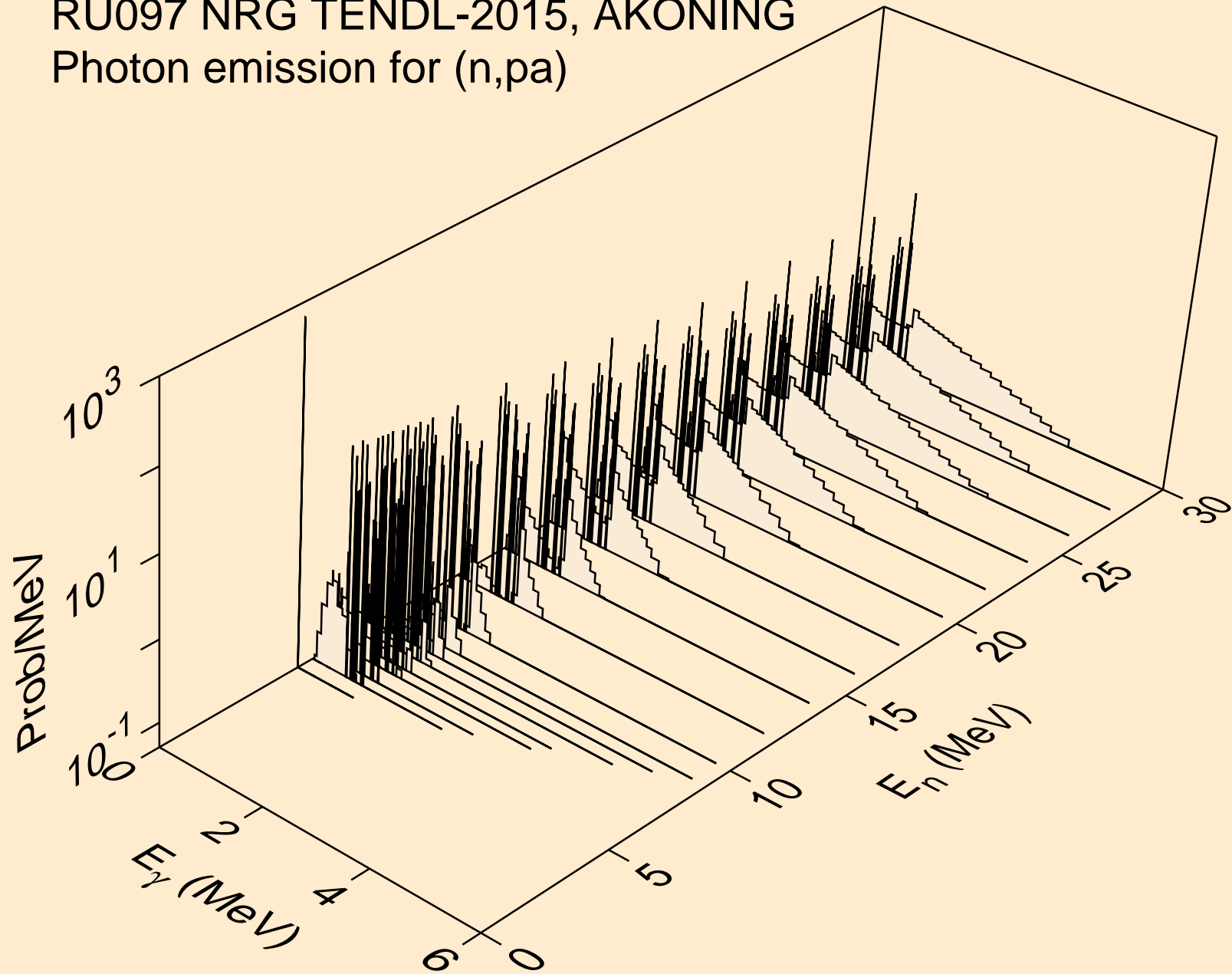
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Photon emission for (n,2a)



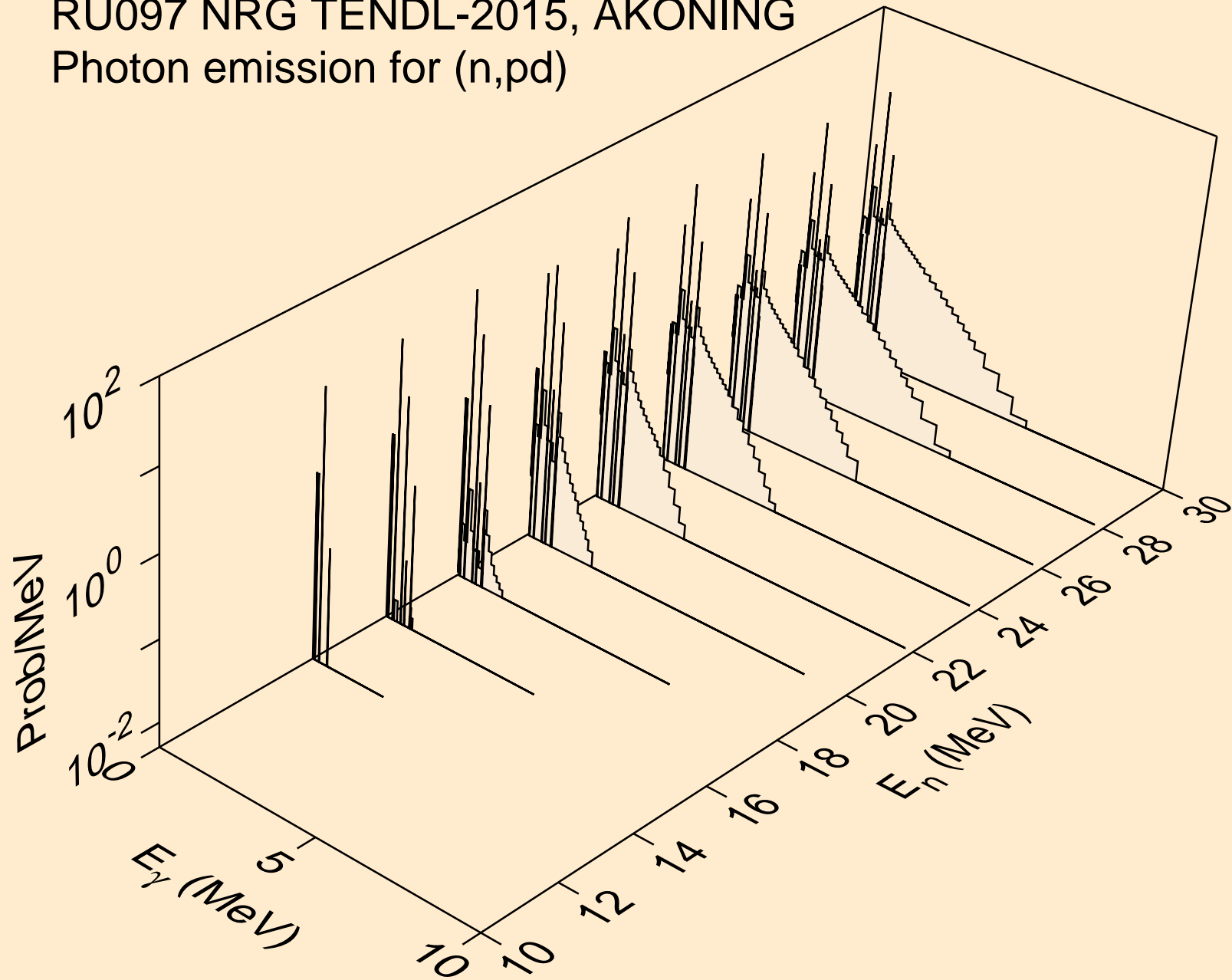
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Photon emission for (n,2p)



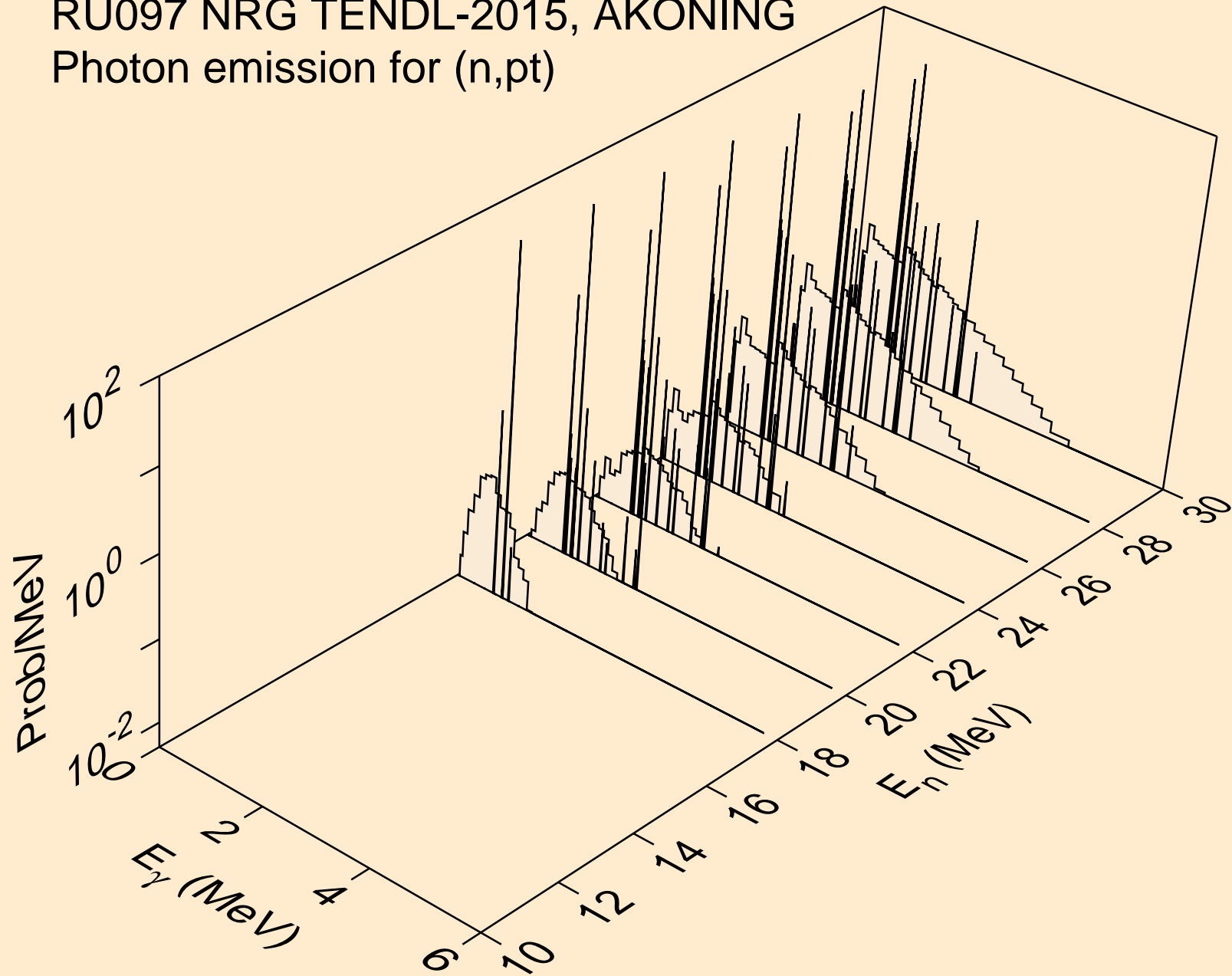
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



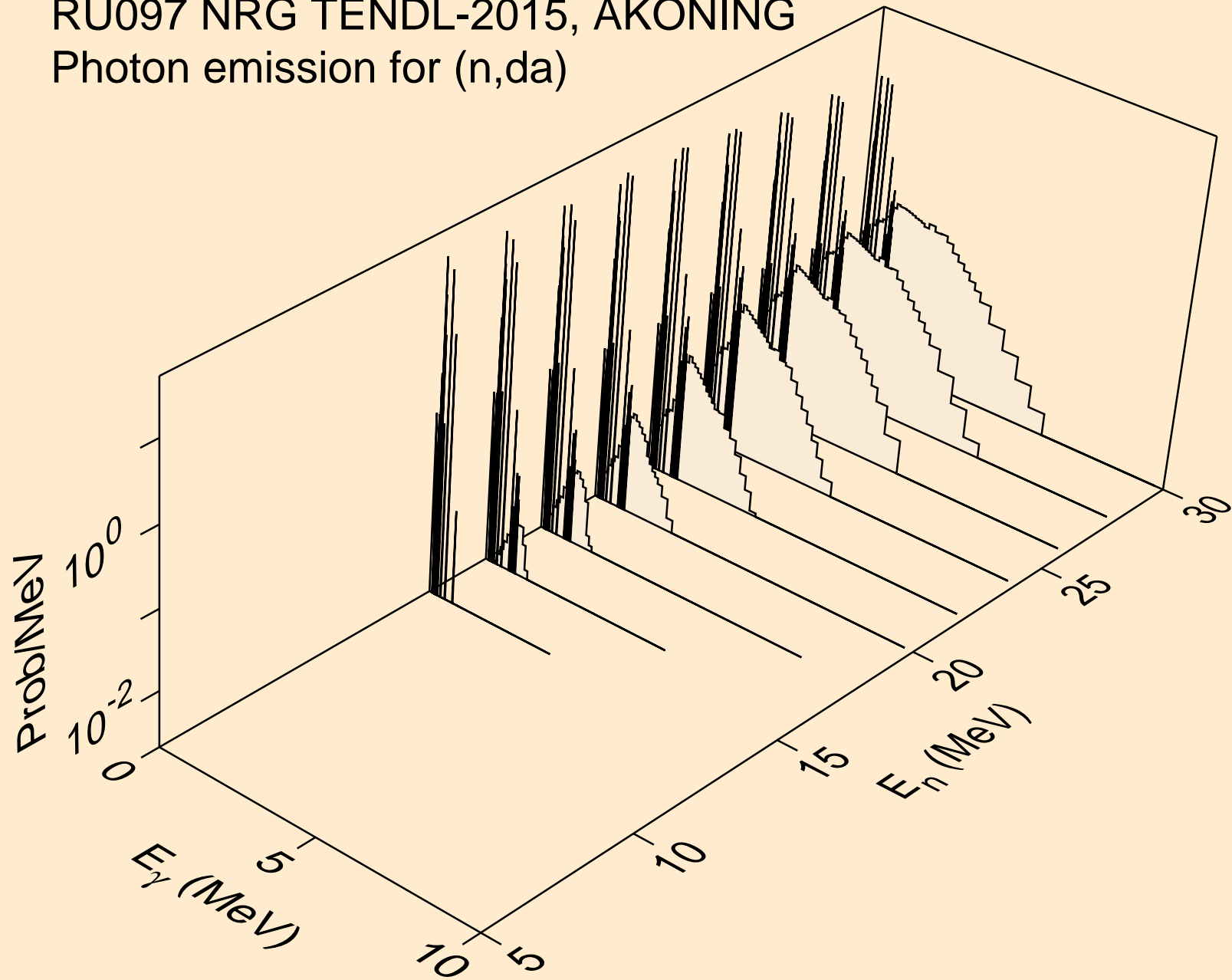
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



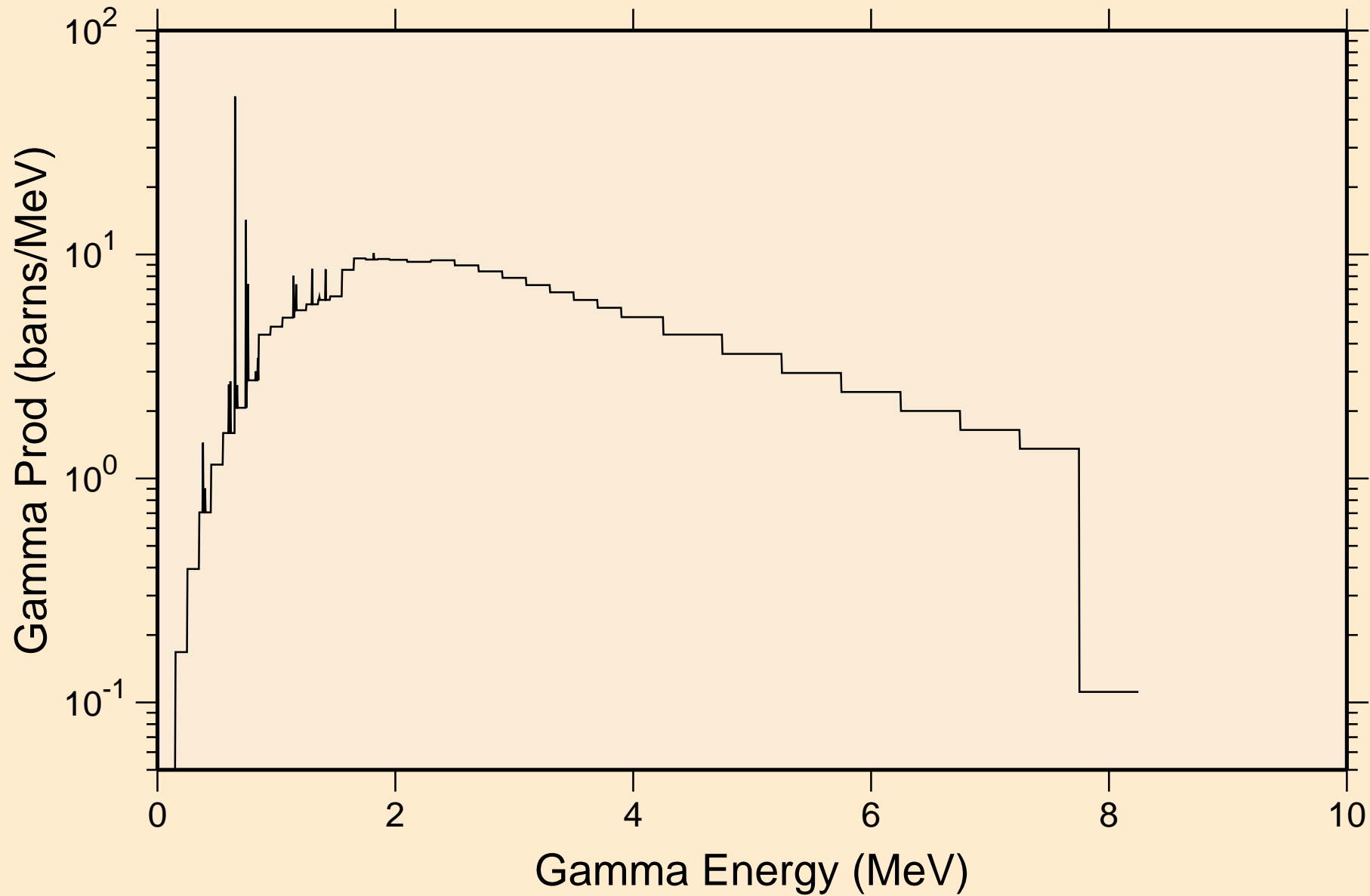
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



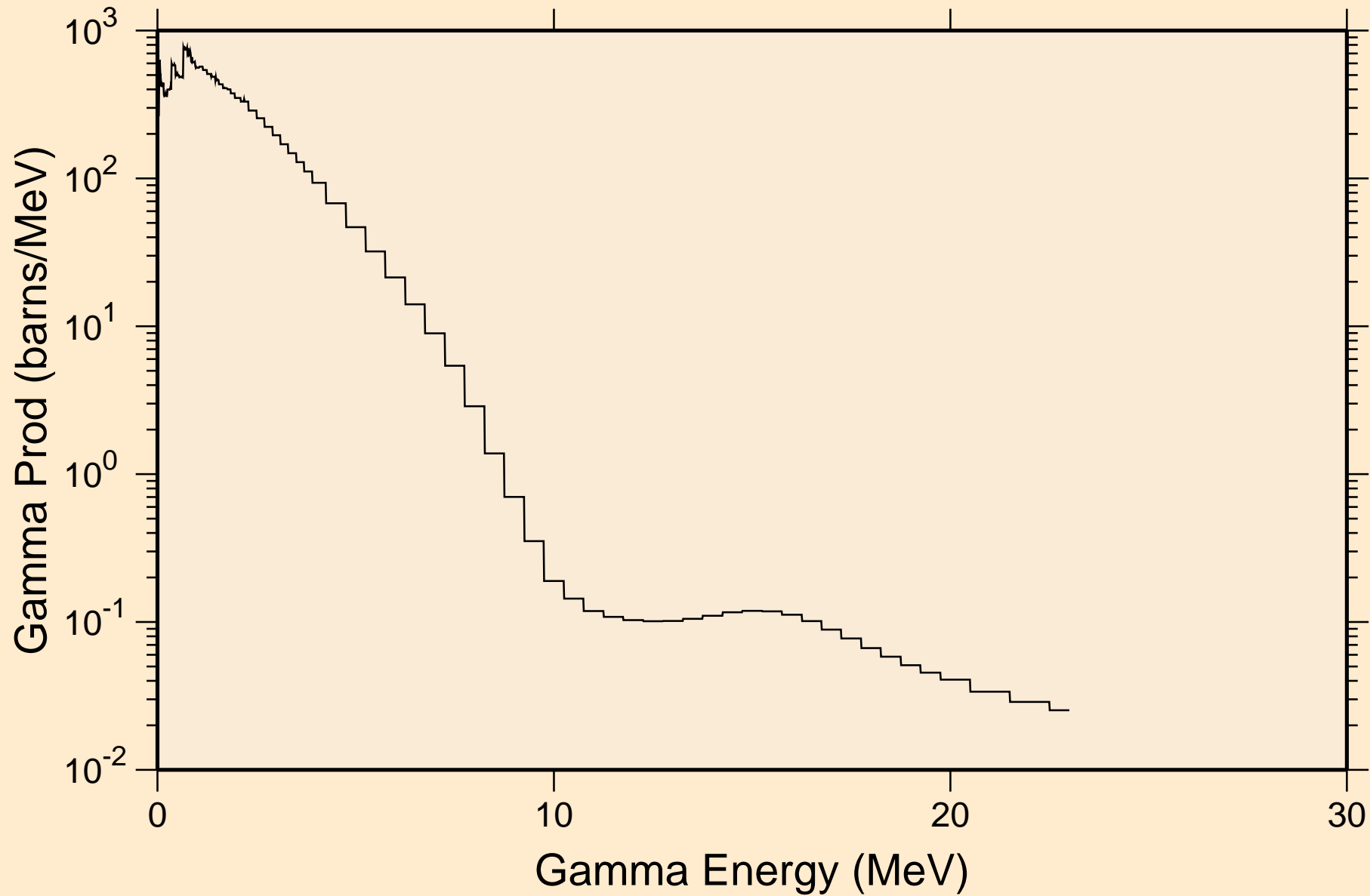
RU097 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RU097 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



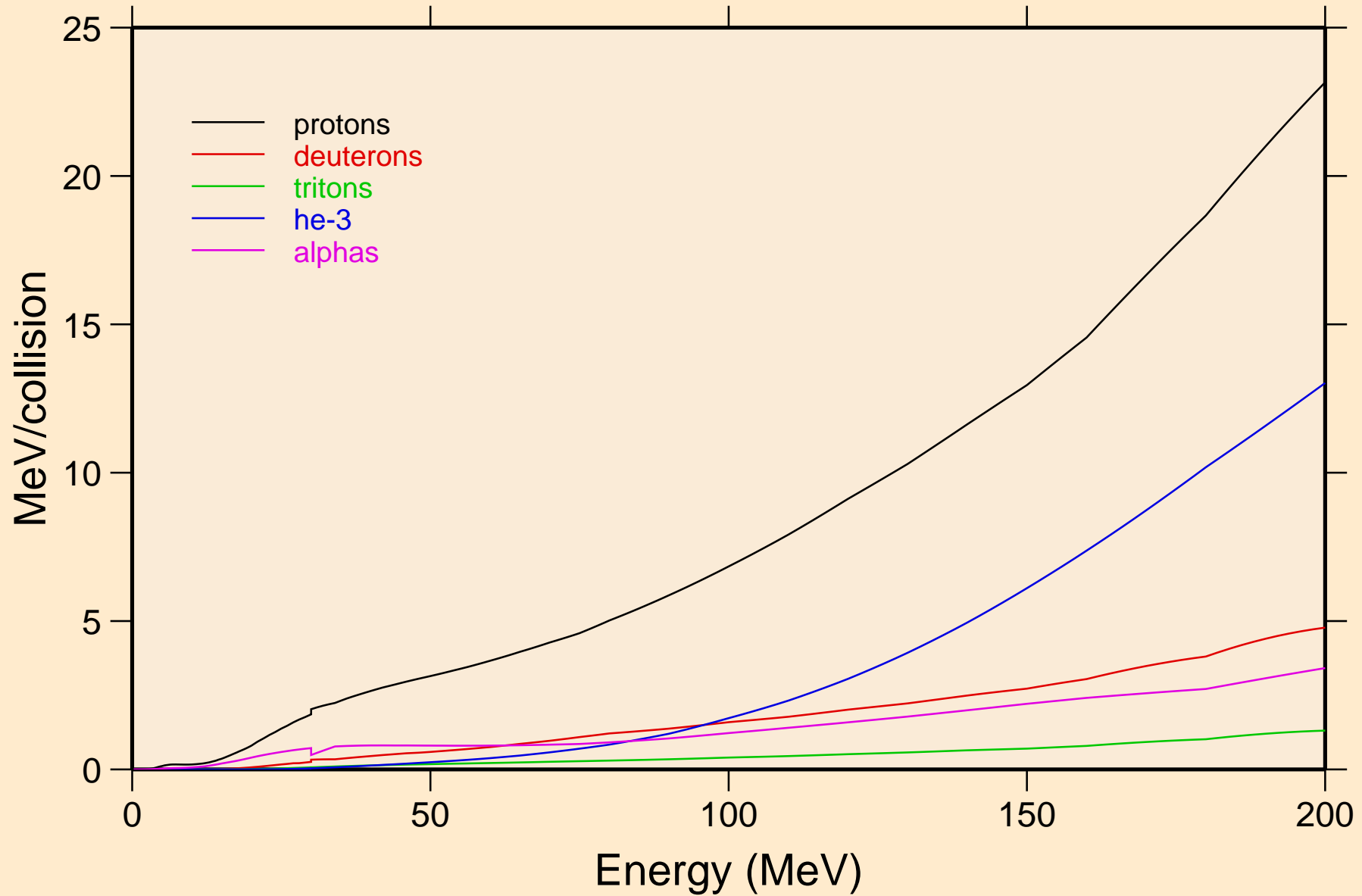
RU097 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





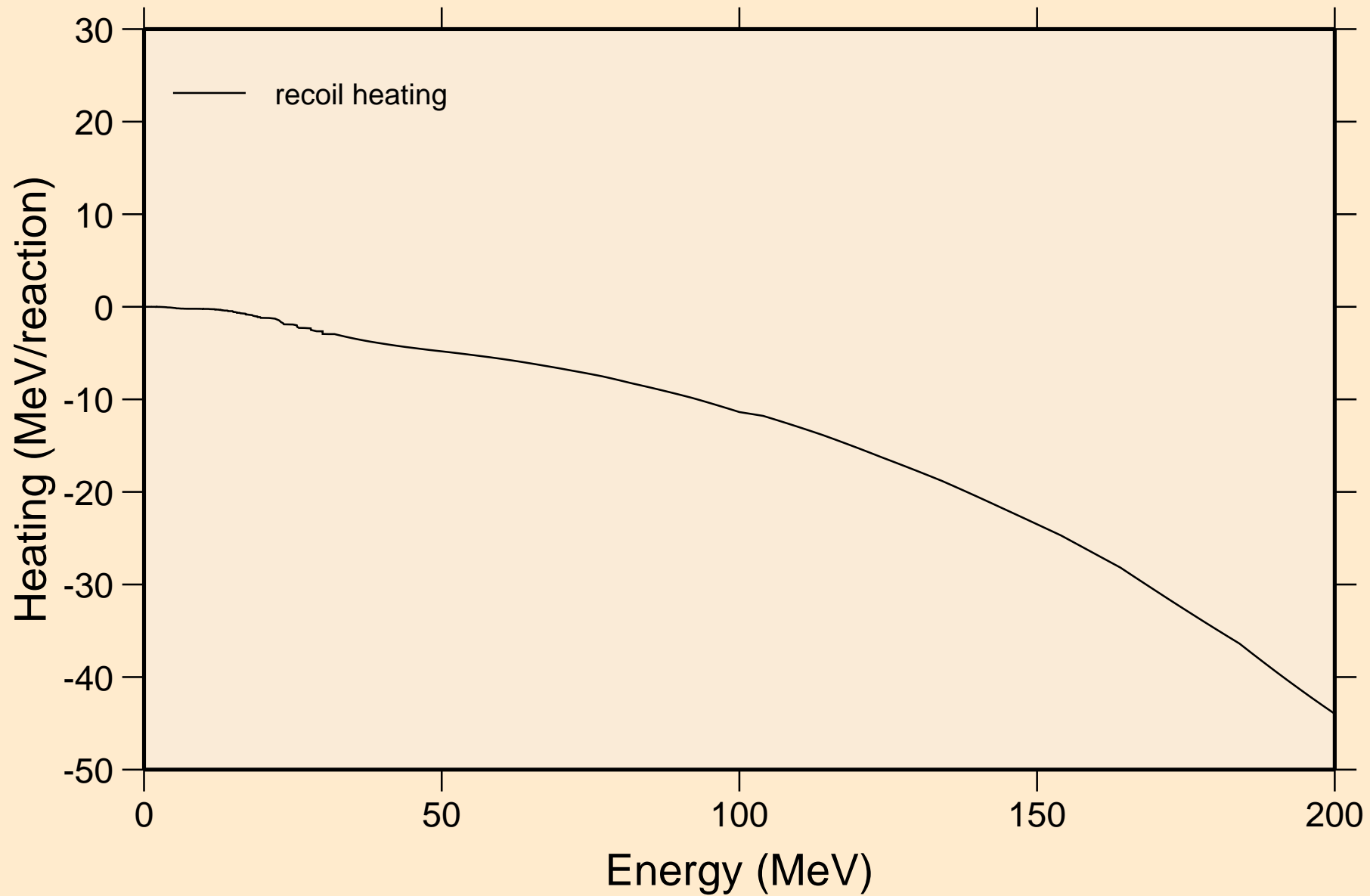
# RU097 NRG TENDL-2015, AKONING

## Particle heating contributions



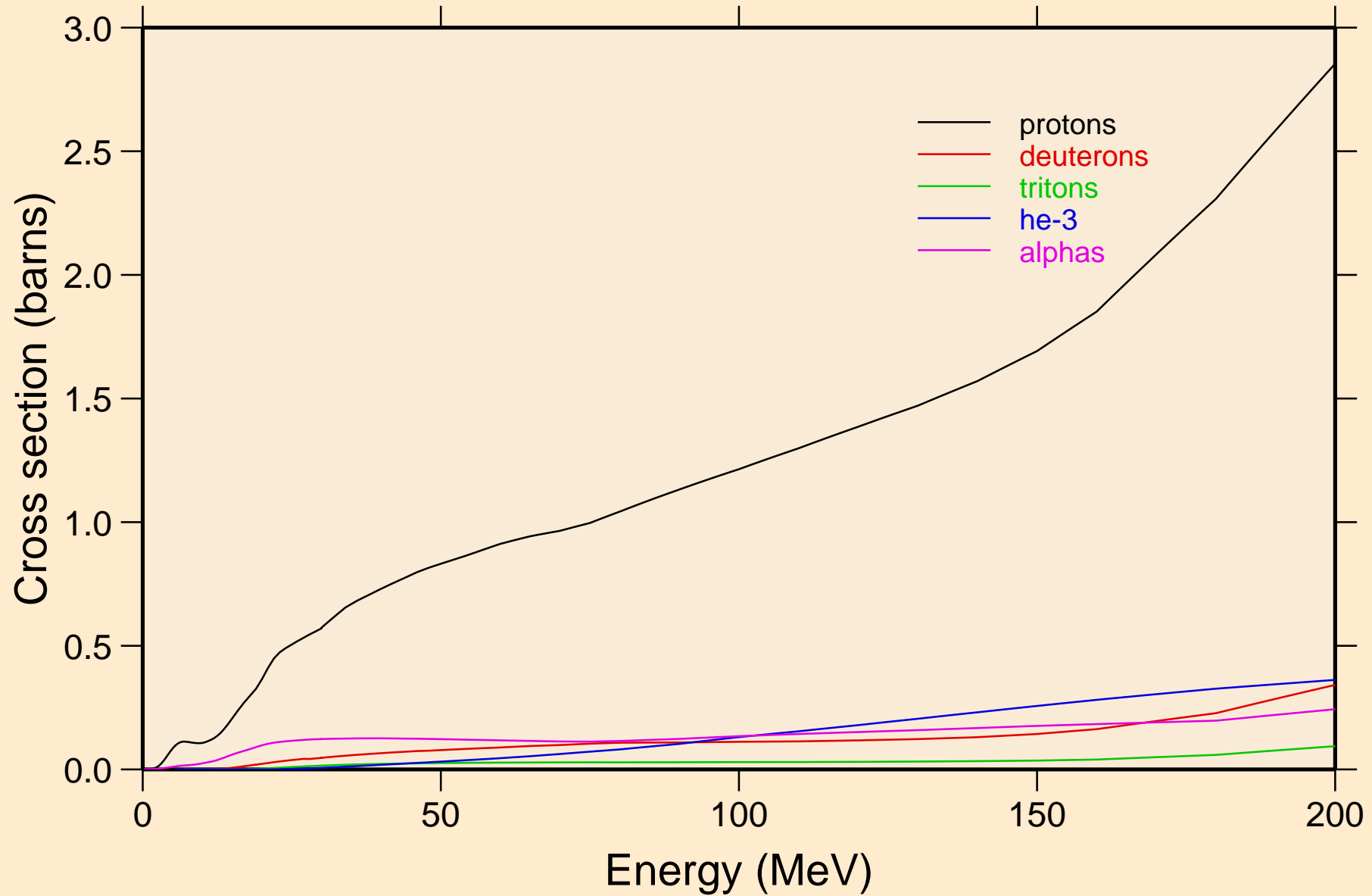
# RU097 NRG TENDL-2015, AKONING

## Recoil Heating

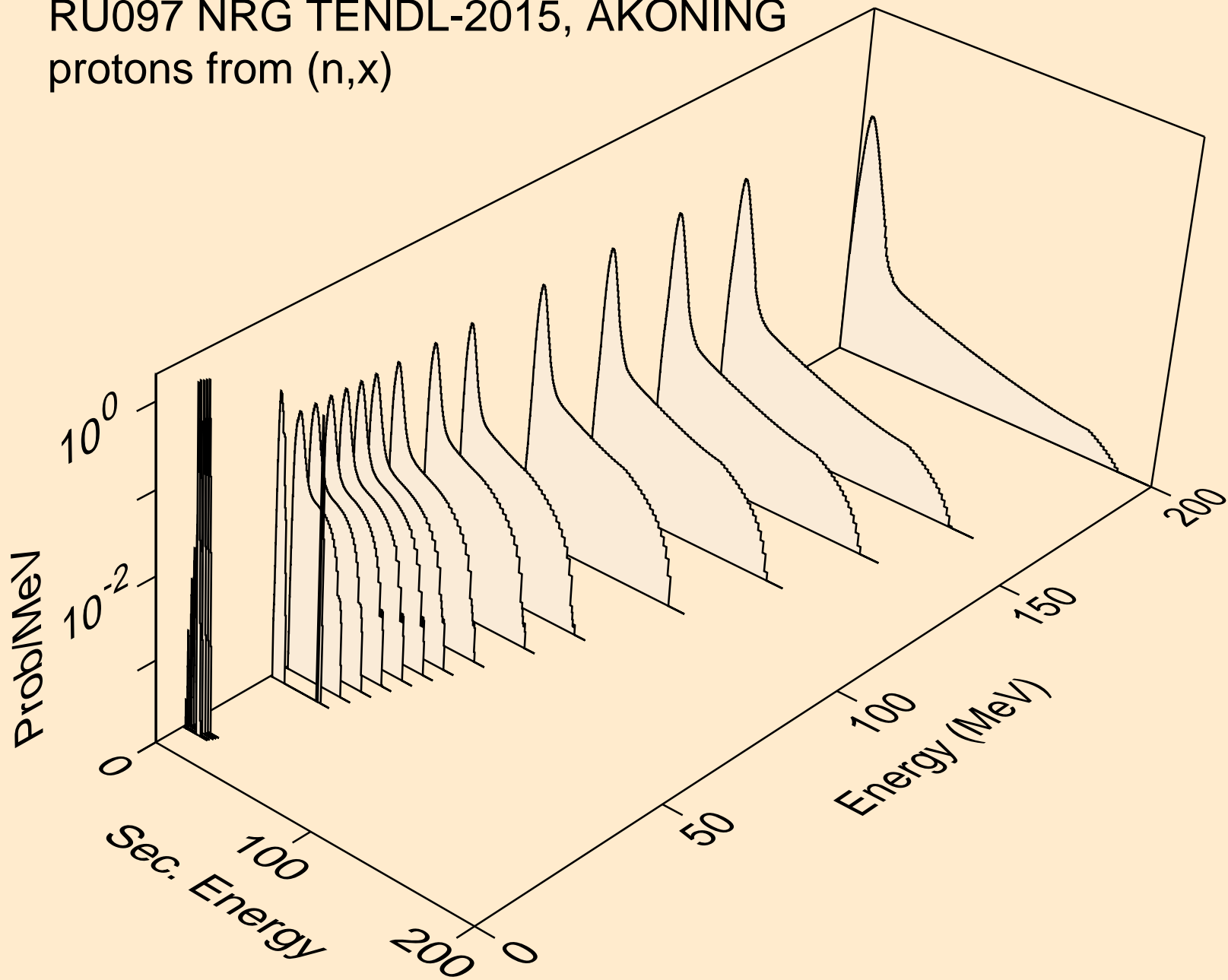


# RU097 NRG TENDL-2015, AKONING

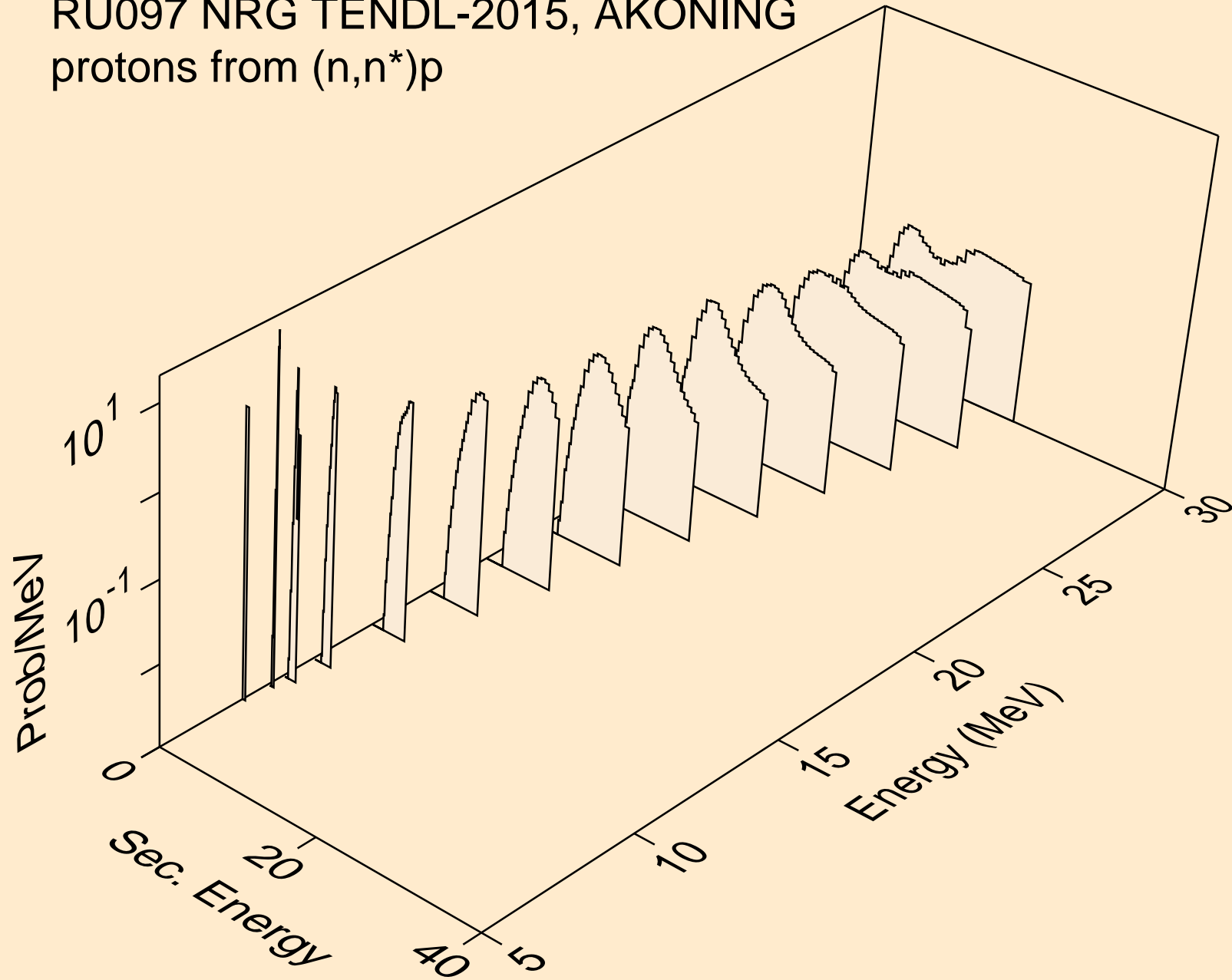
## Particle production cross sections



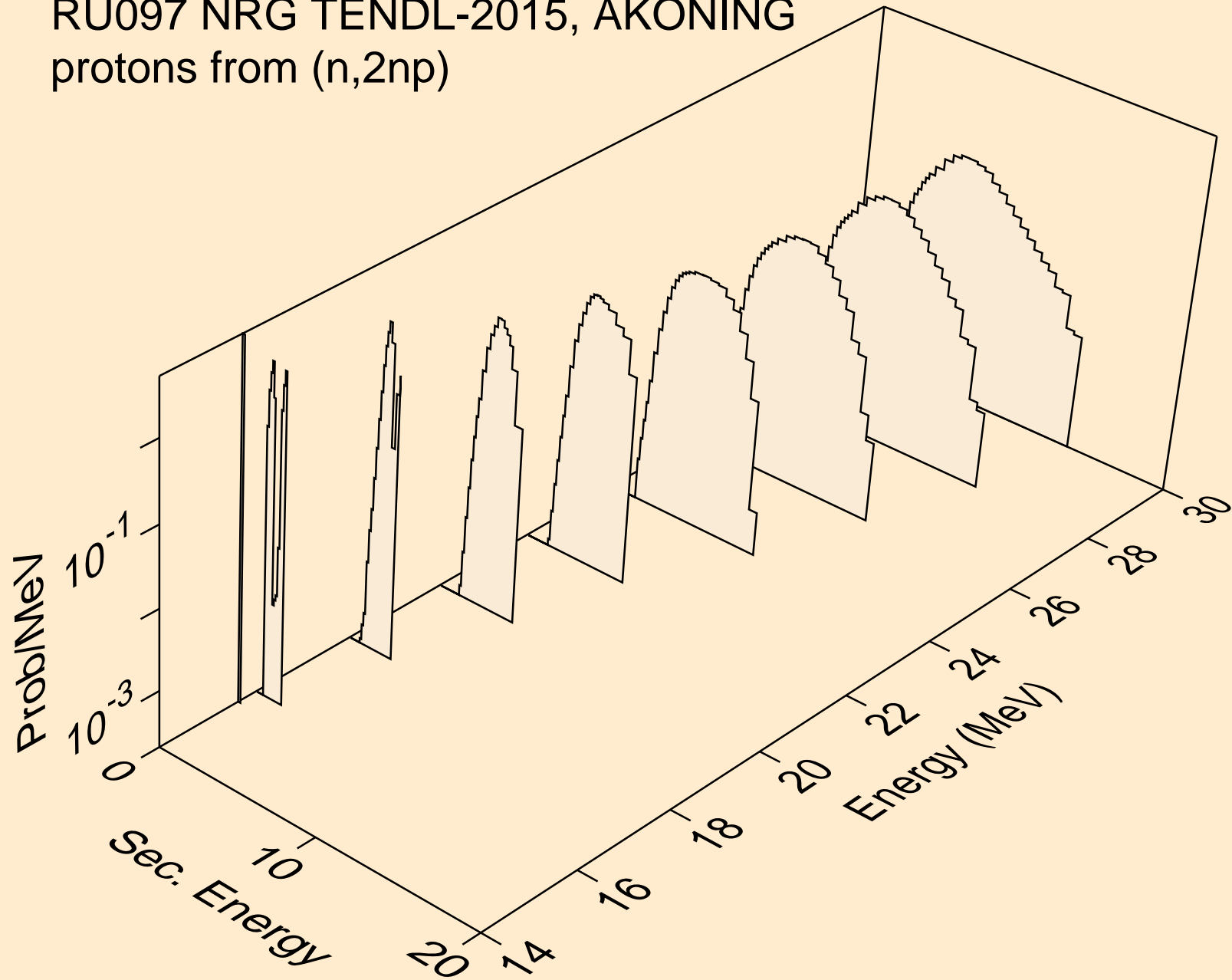
RU097 NRG TENDL-2015, AKONING  
protons from (n,x)



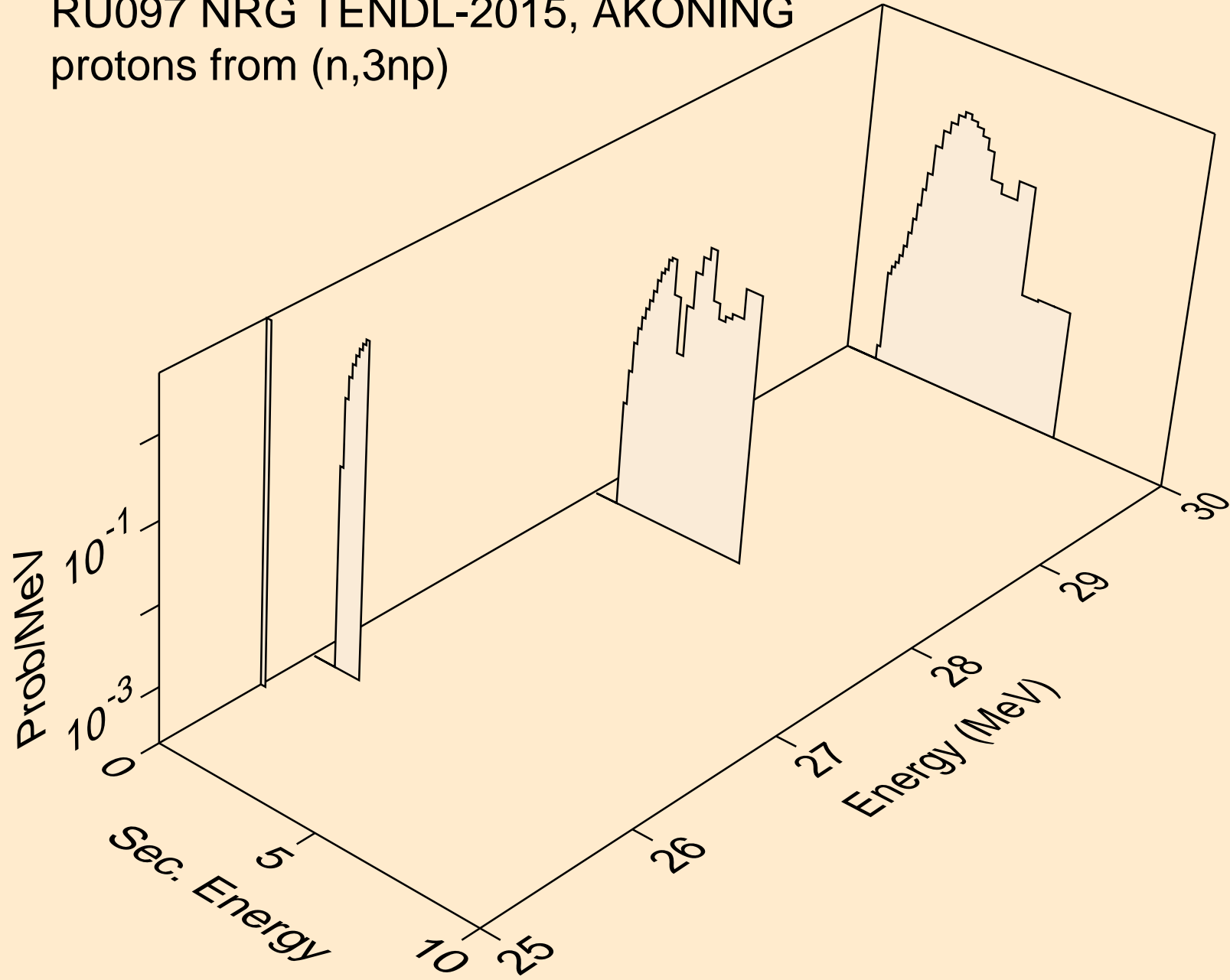
RU097 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



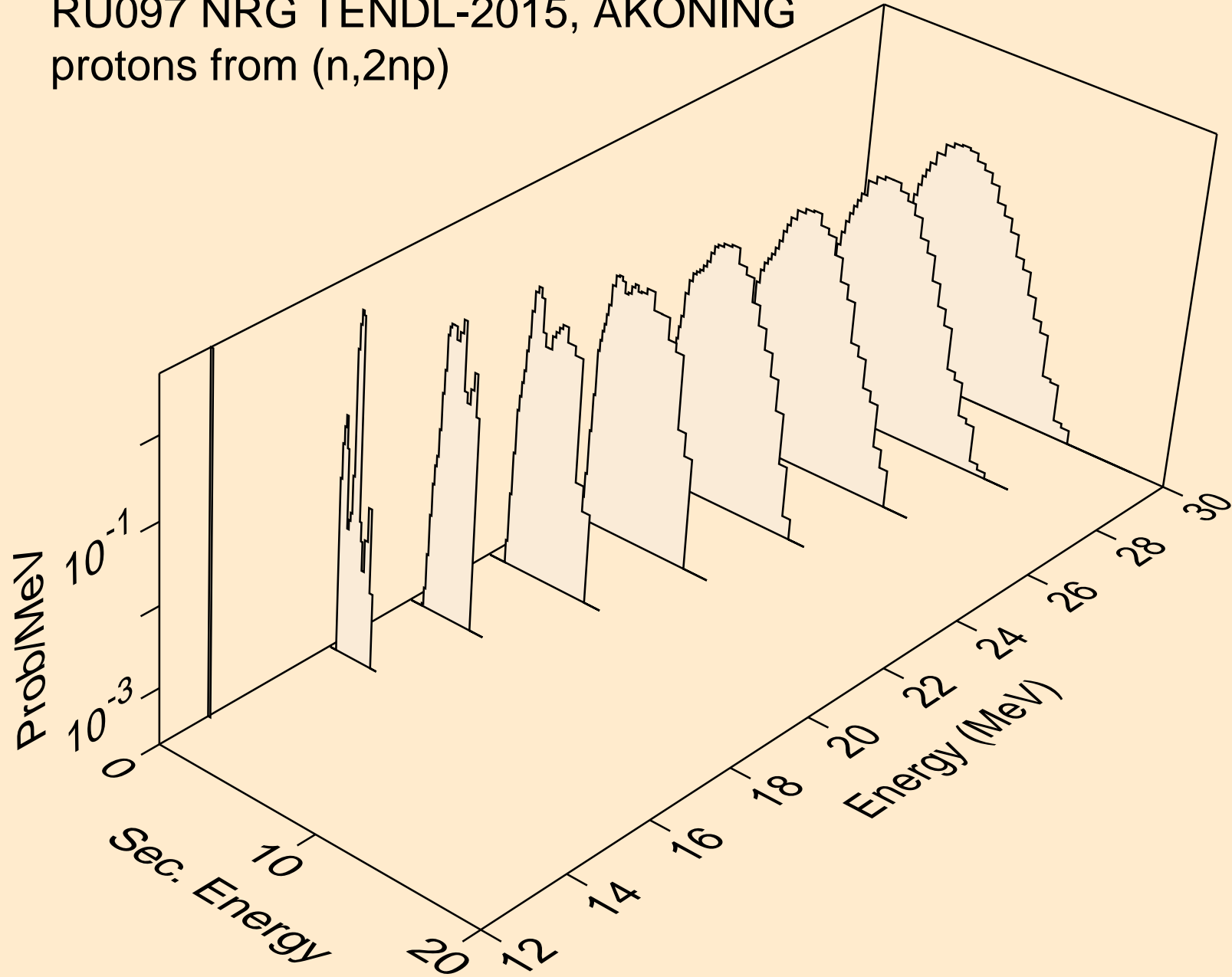
RU097 NRG TENDL-2015, AKONING  
protons from (n,2np)



RU097 NRG TENDL-2015, AKONING  
protons from (n,3np)

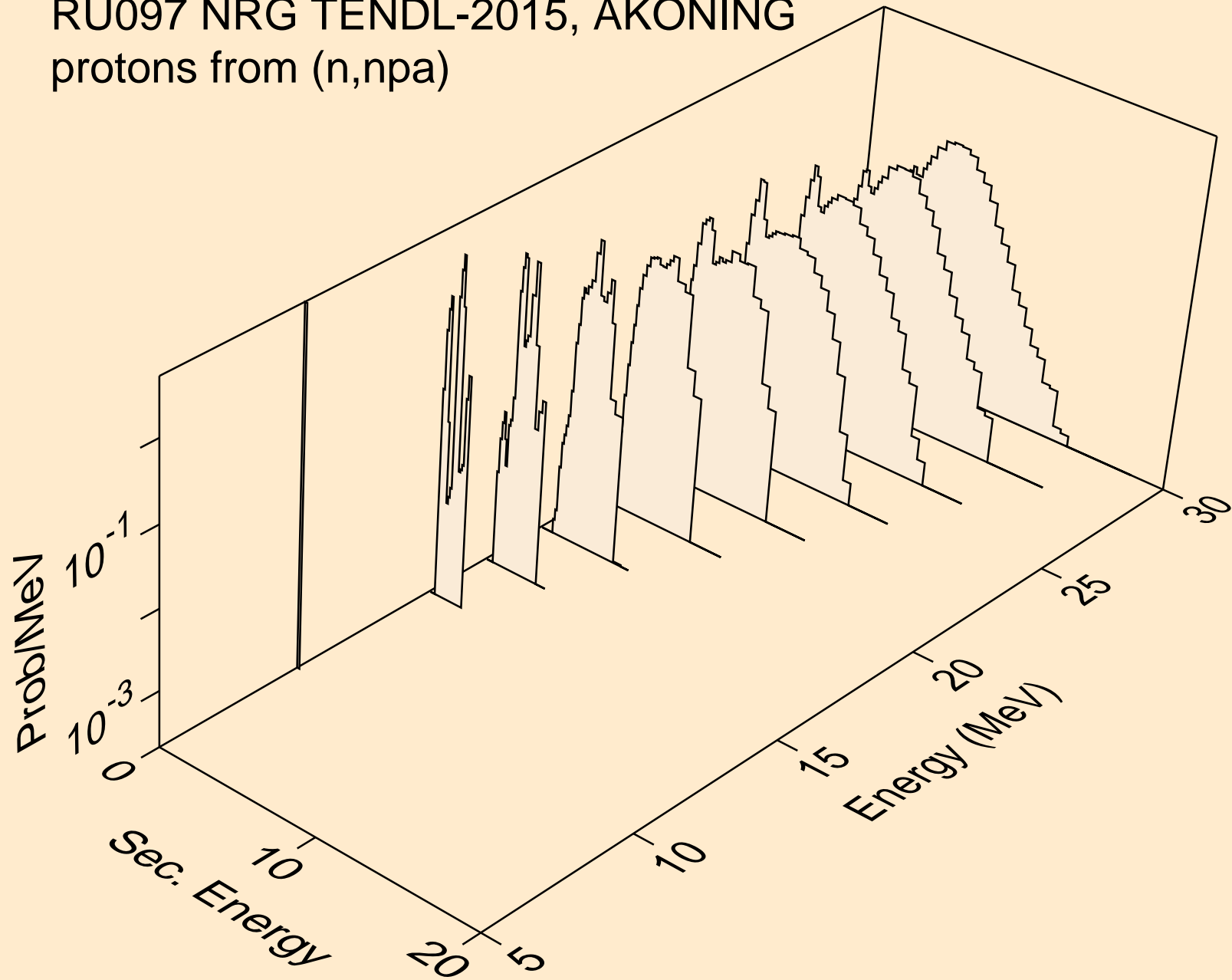


RU097 NRG TENDL-2015, AKONING  
protons from (n,2np)

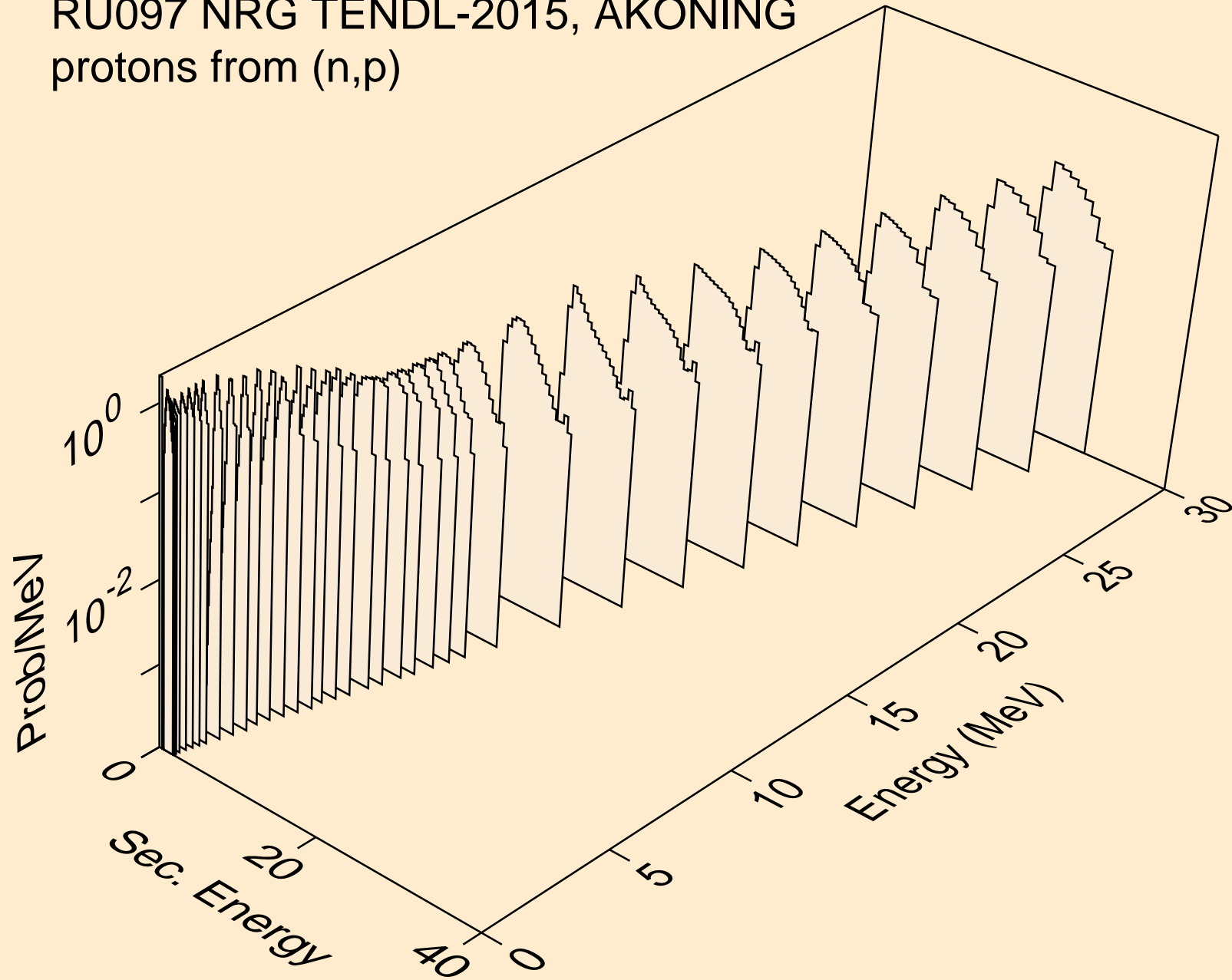




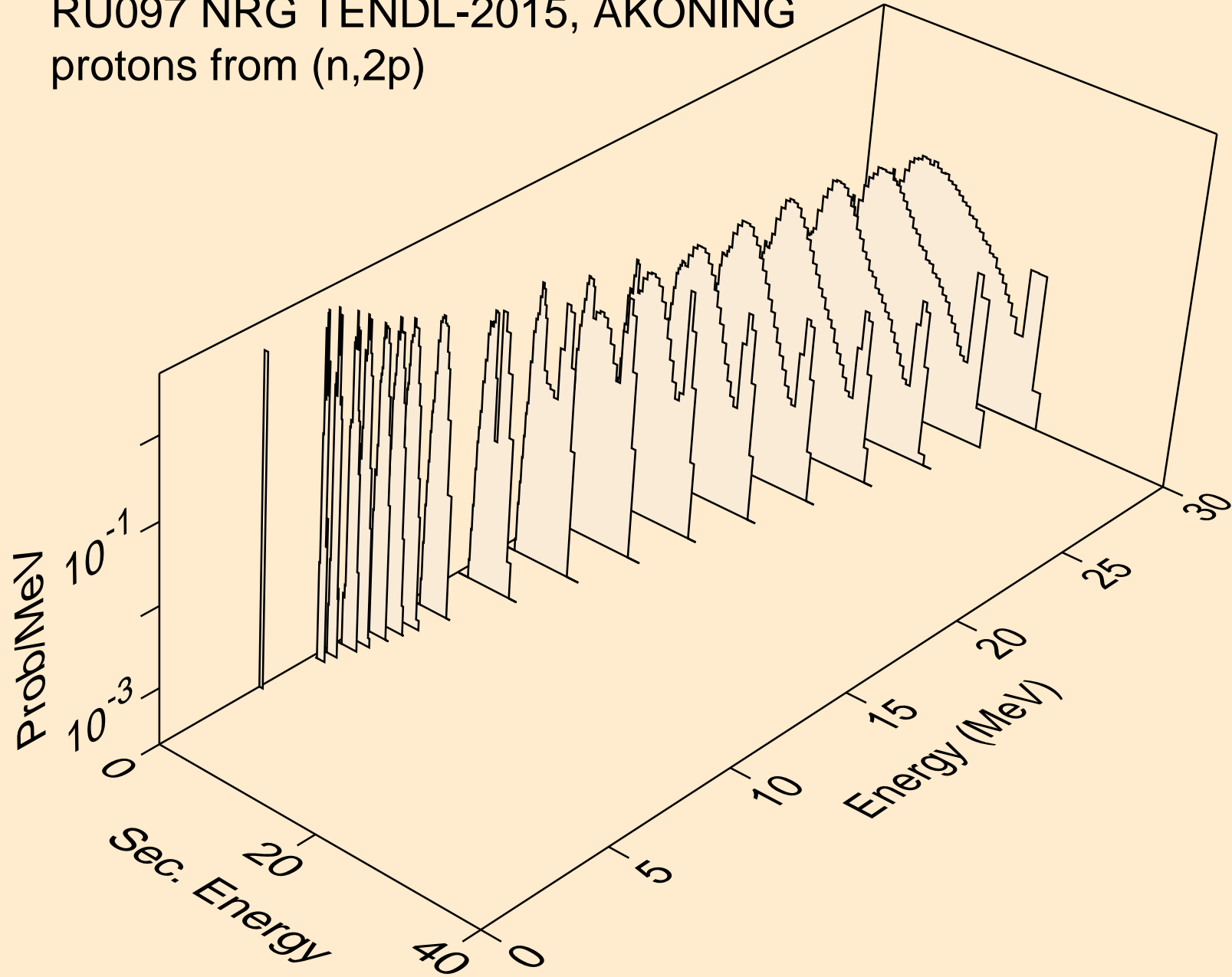
RU097 NRG TENDL-2015, AKONING  
protons from (n,npa)



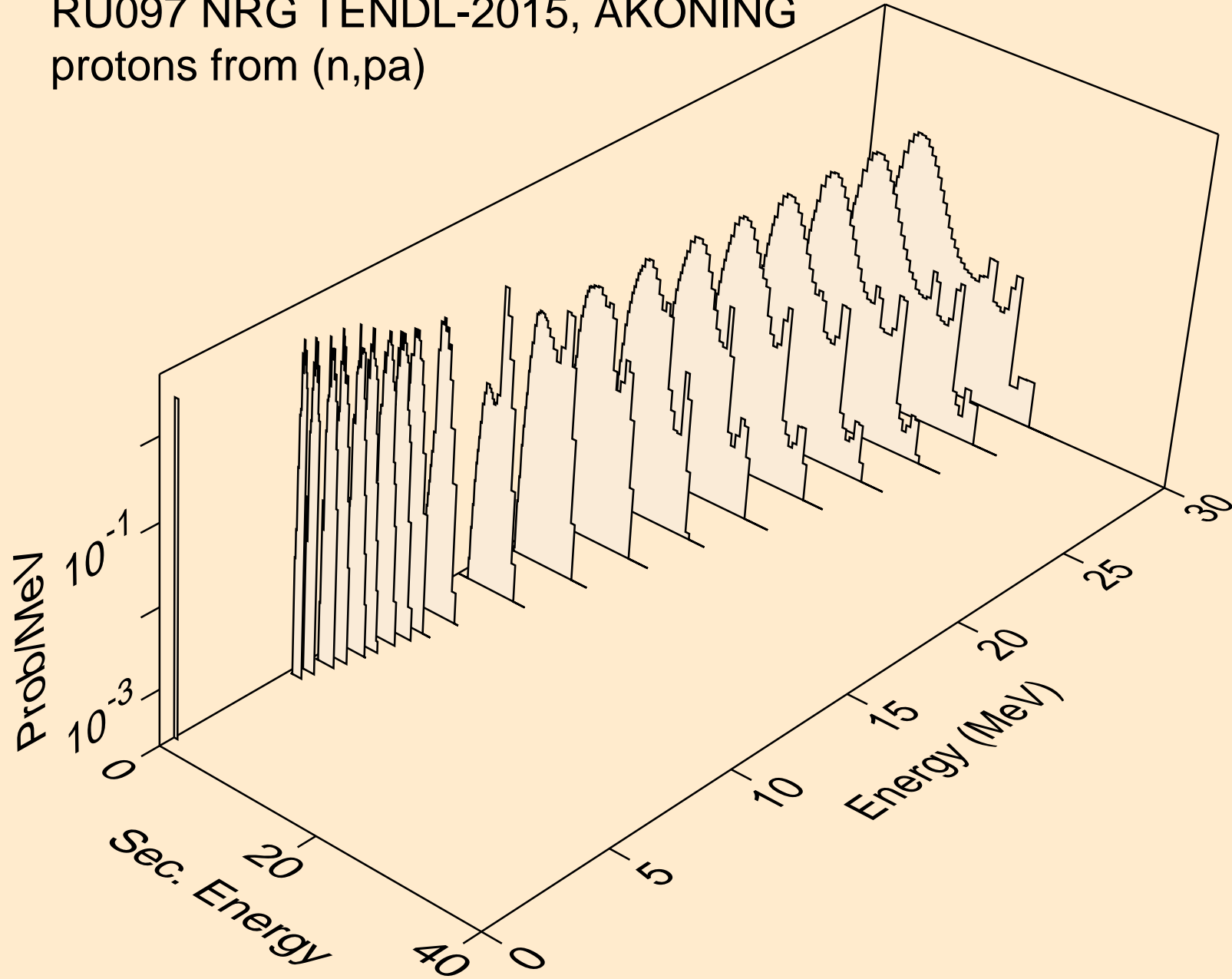
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protons from (n,p)



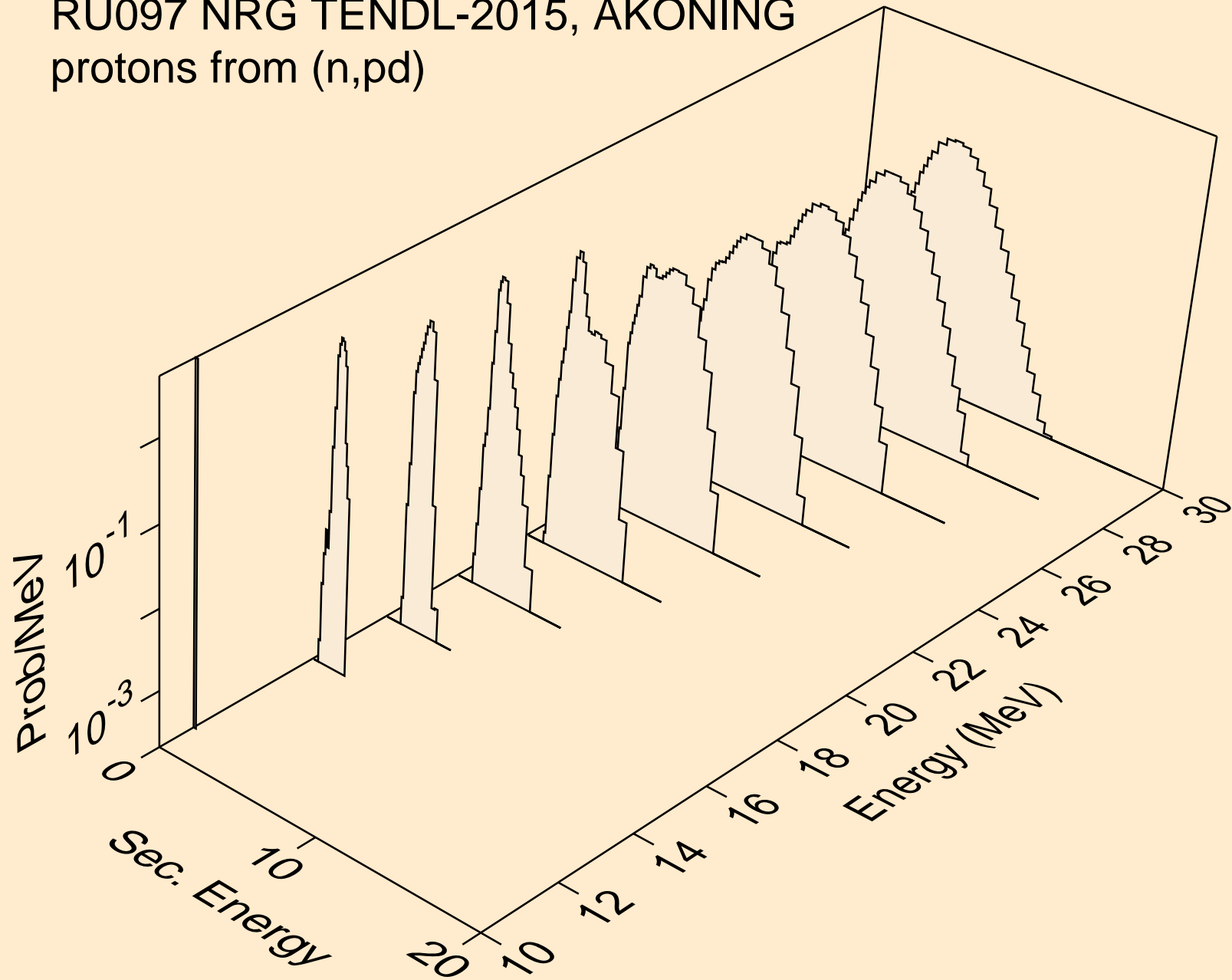
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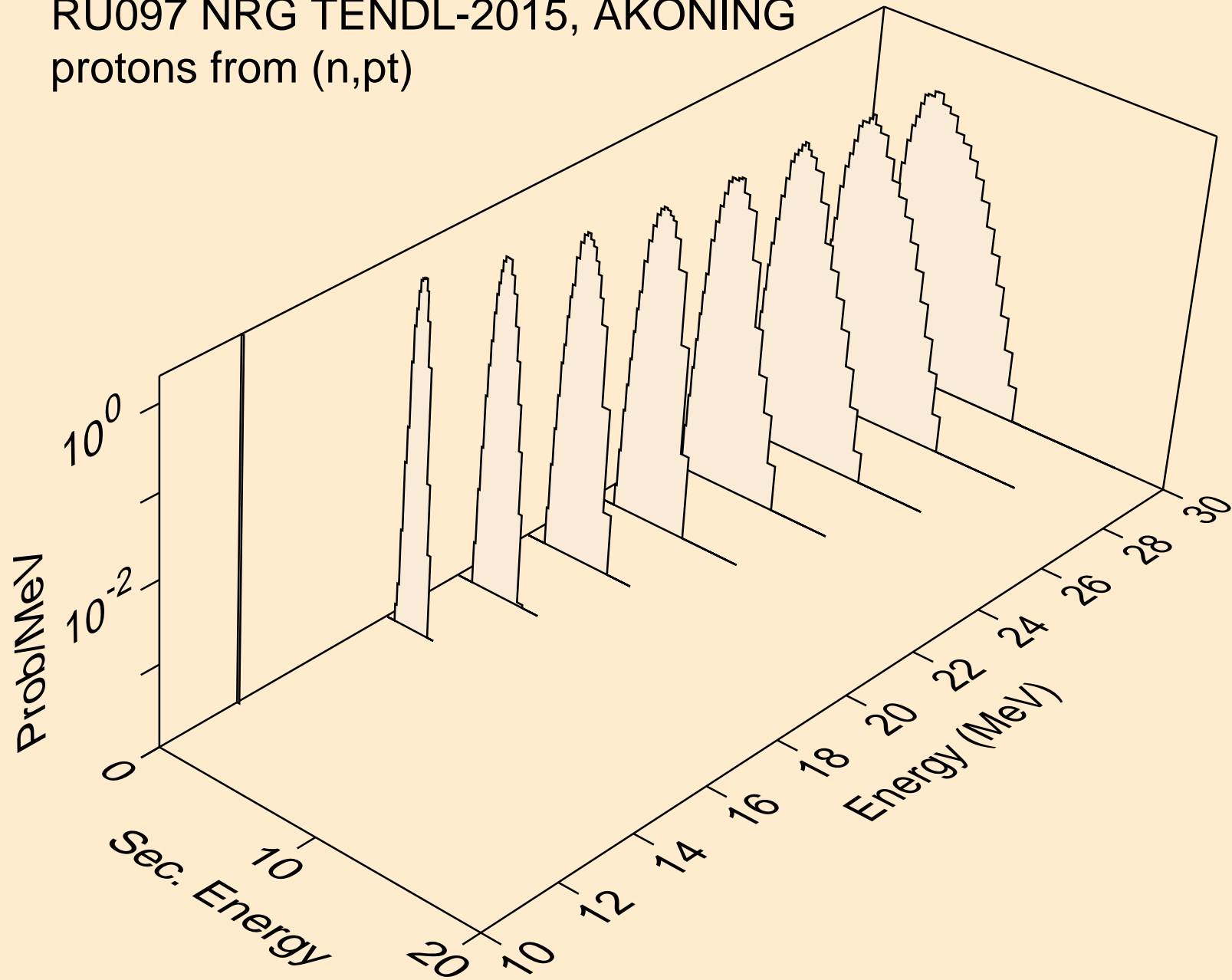
RU097 NRG TENDL-2015, AKONING  
protons from (n,pa)



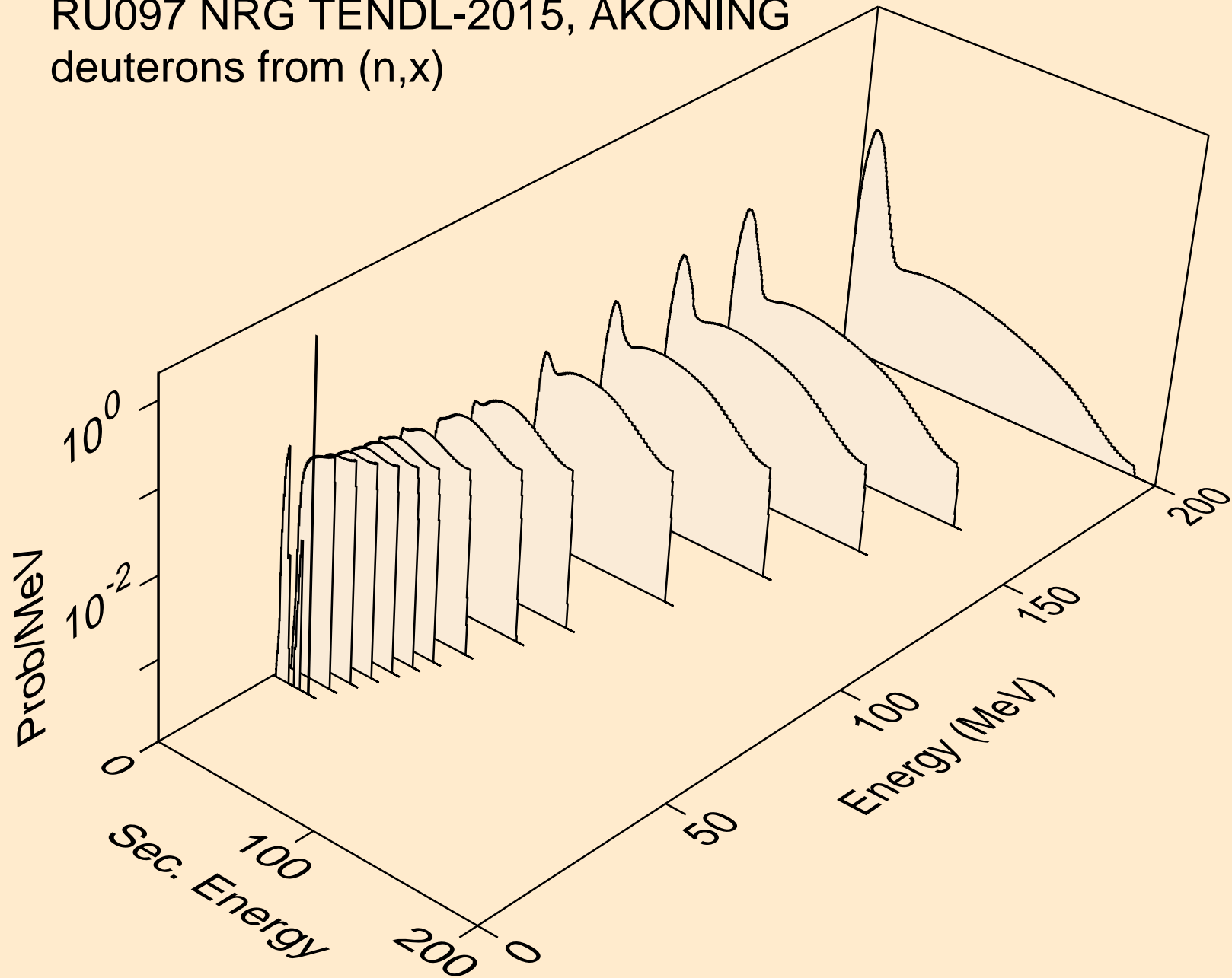
RU097 NRG TENDL-2015, AKONING  
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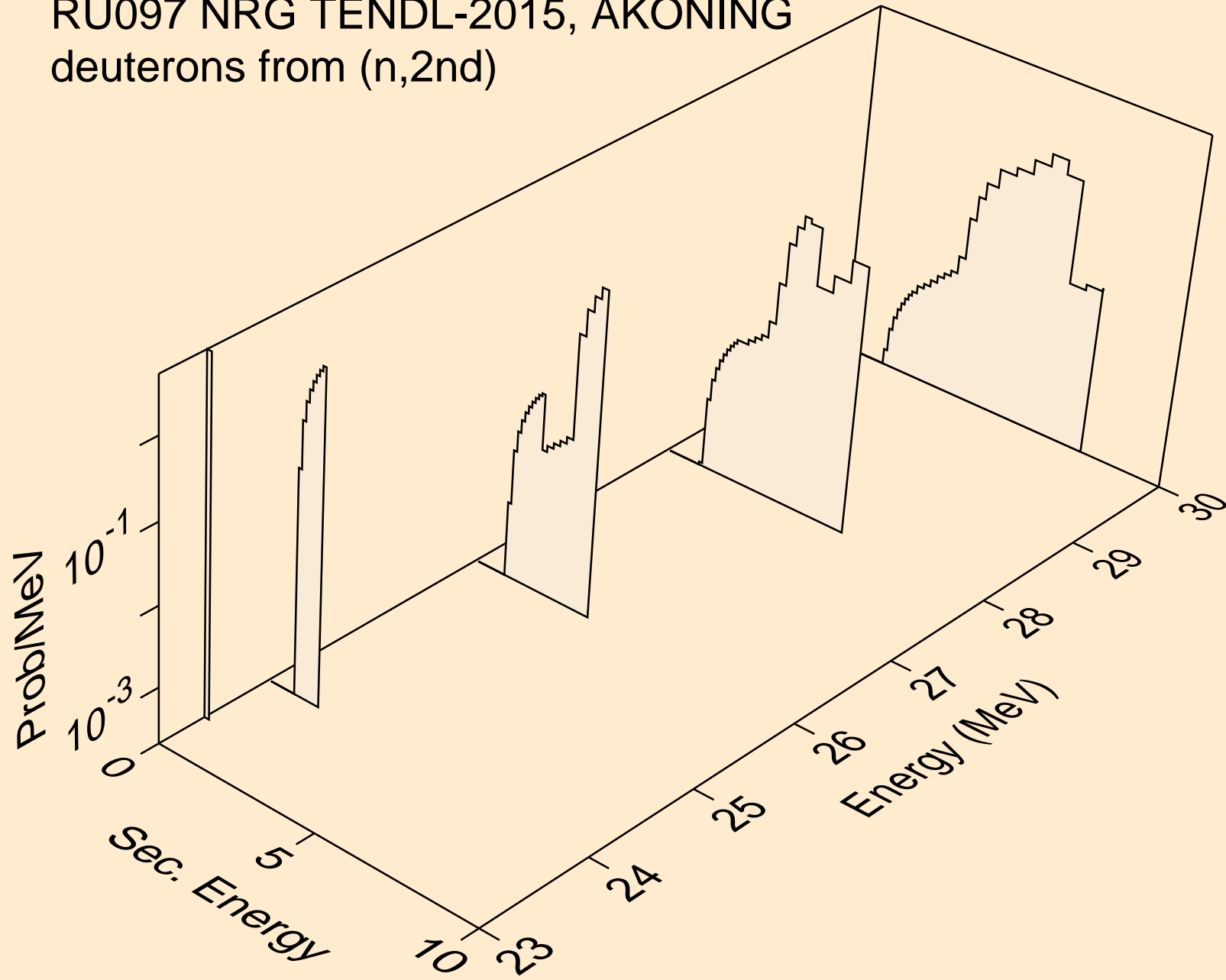
RU097 NRG TENDL-2015, AKONING  
protons from (n,pt)



RU097 NRG TENDL-2015, AKONING  
deuterons from (n,x)

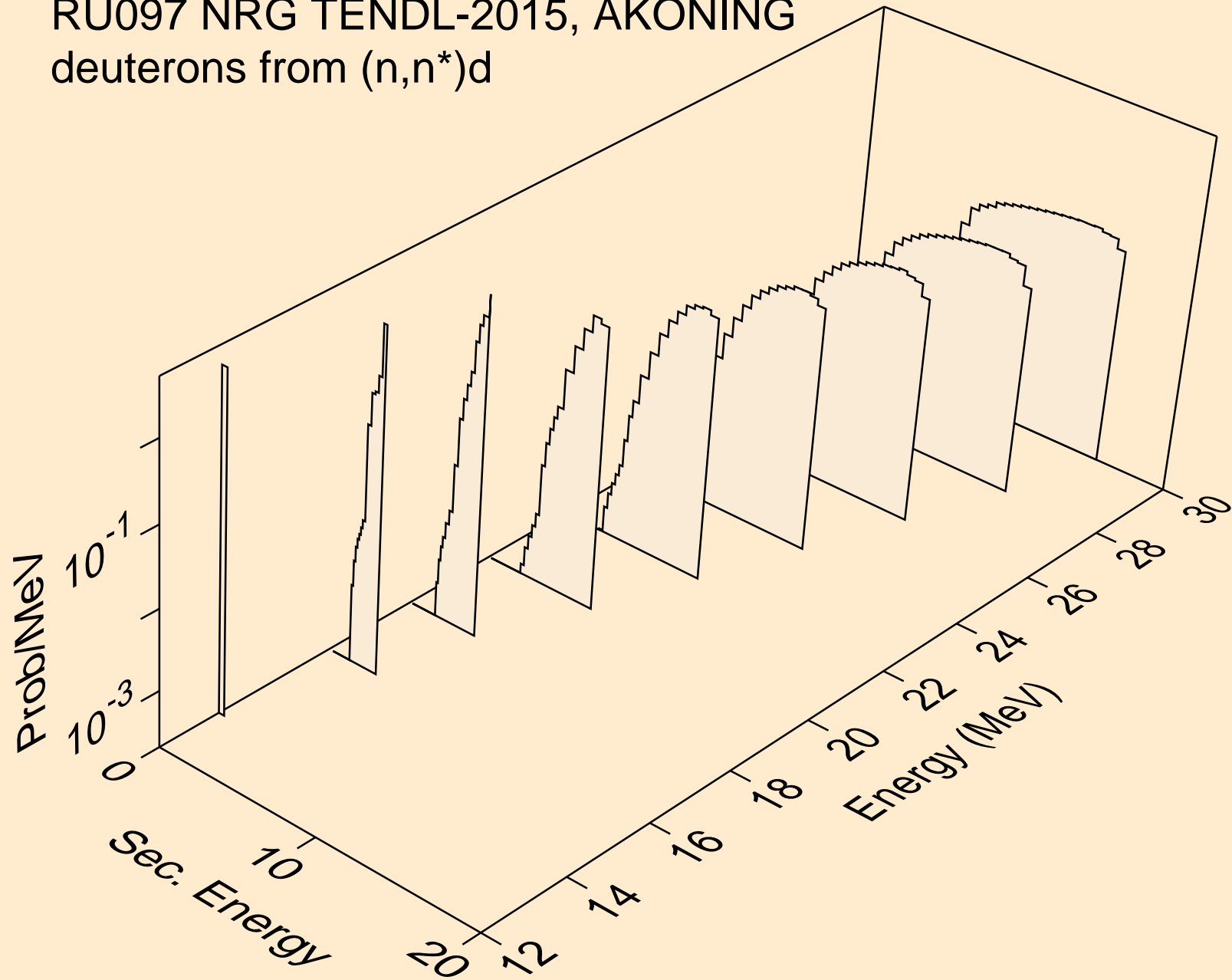


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deuterons from (n,2nd)

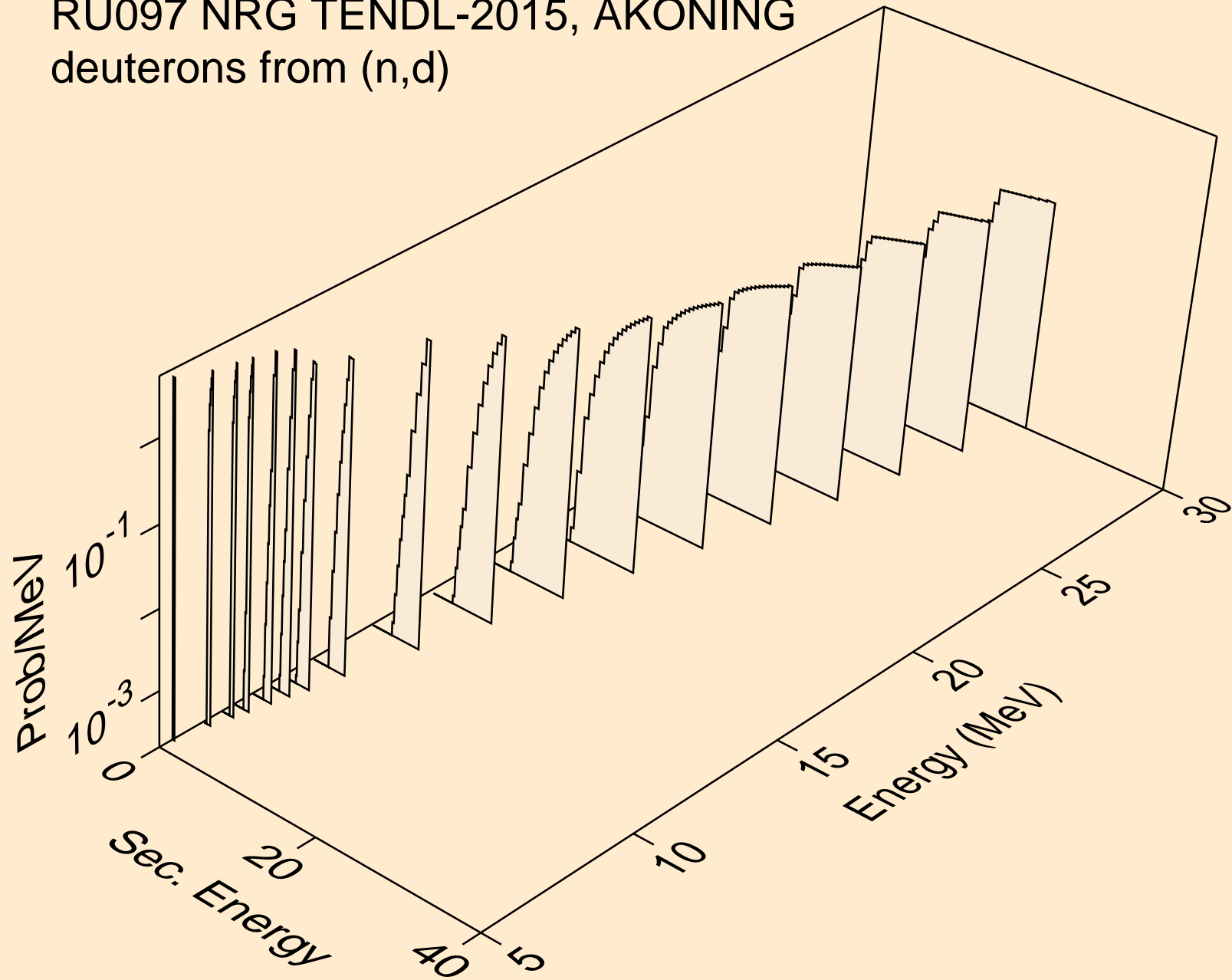




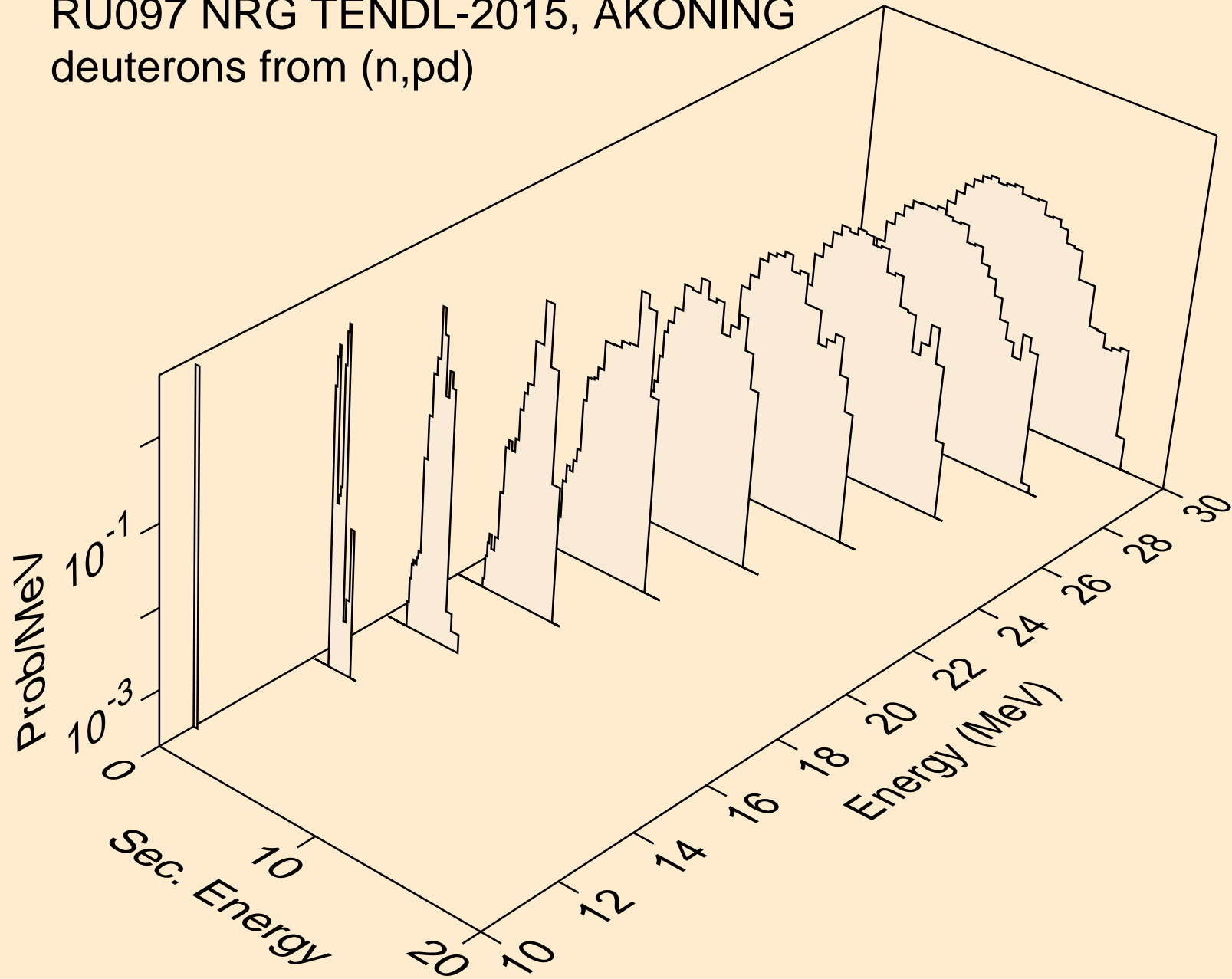
RU097 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



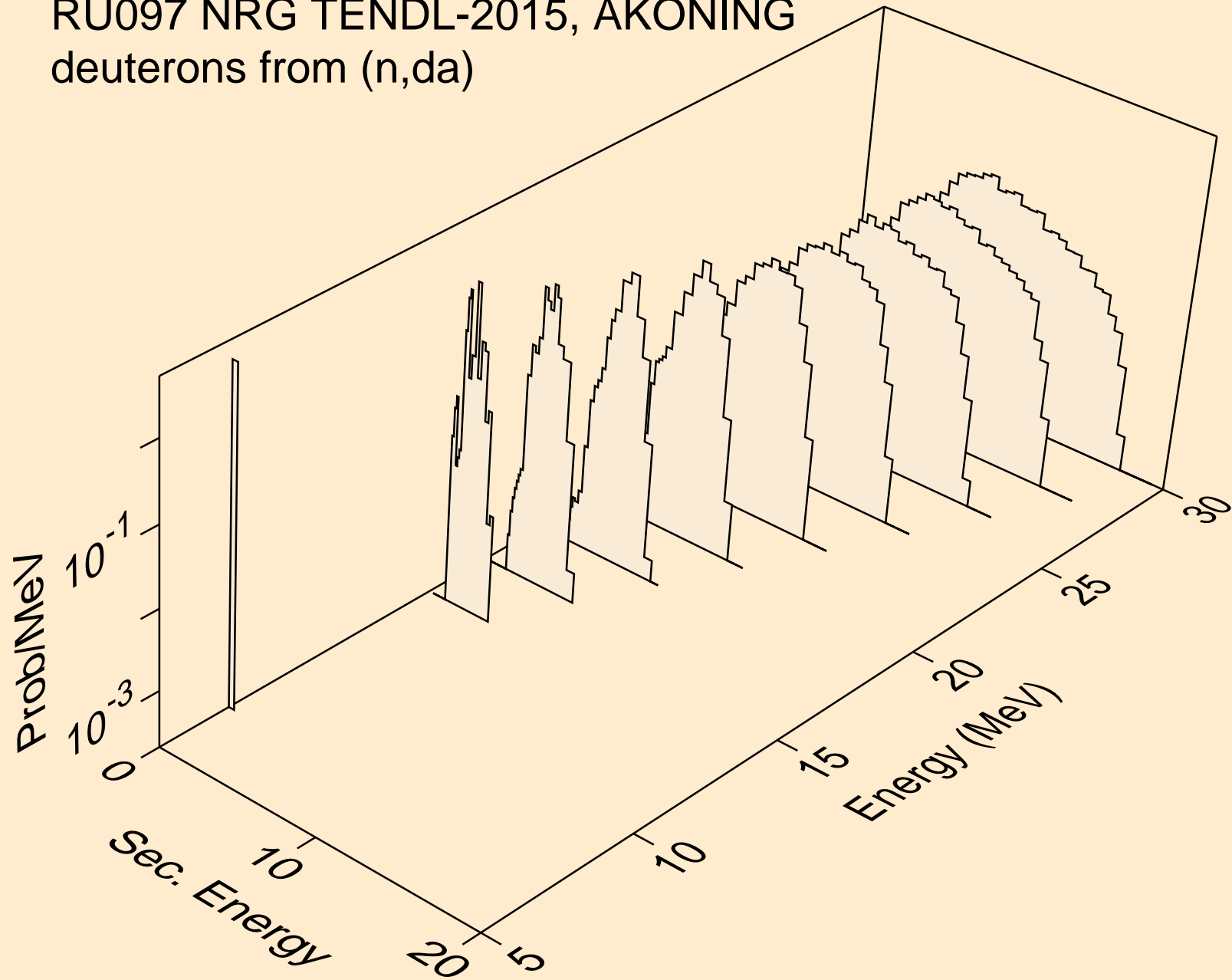
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deuterons from (n,d)



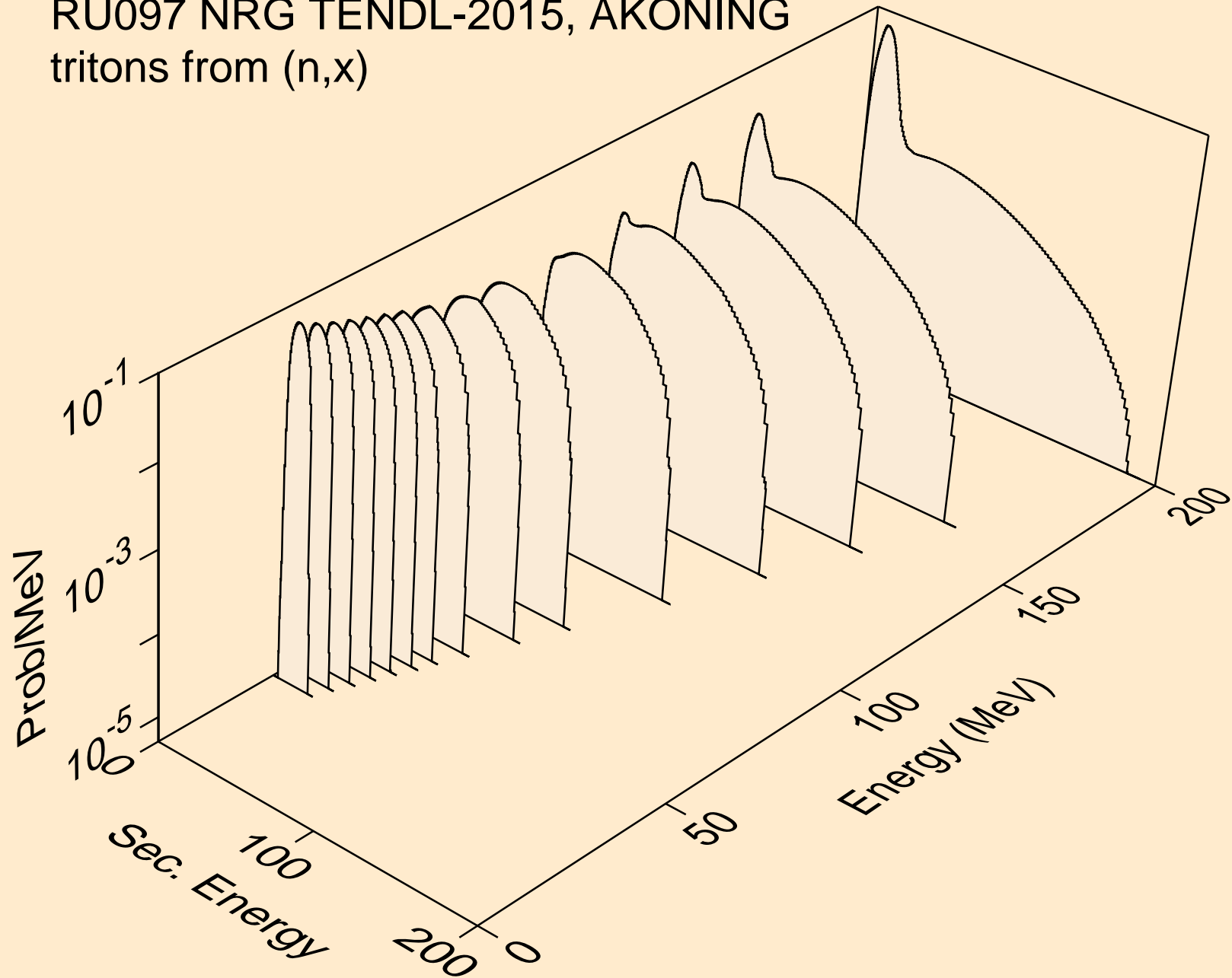
RU097 NRG TENDL-2015, AKONING  
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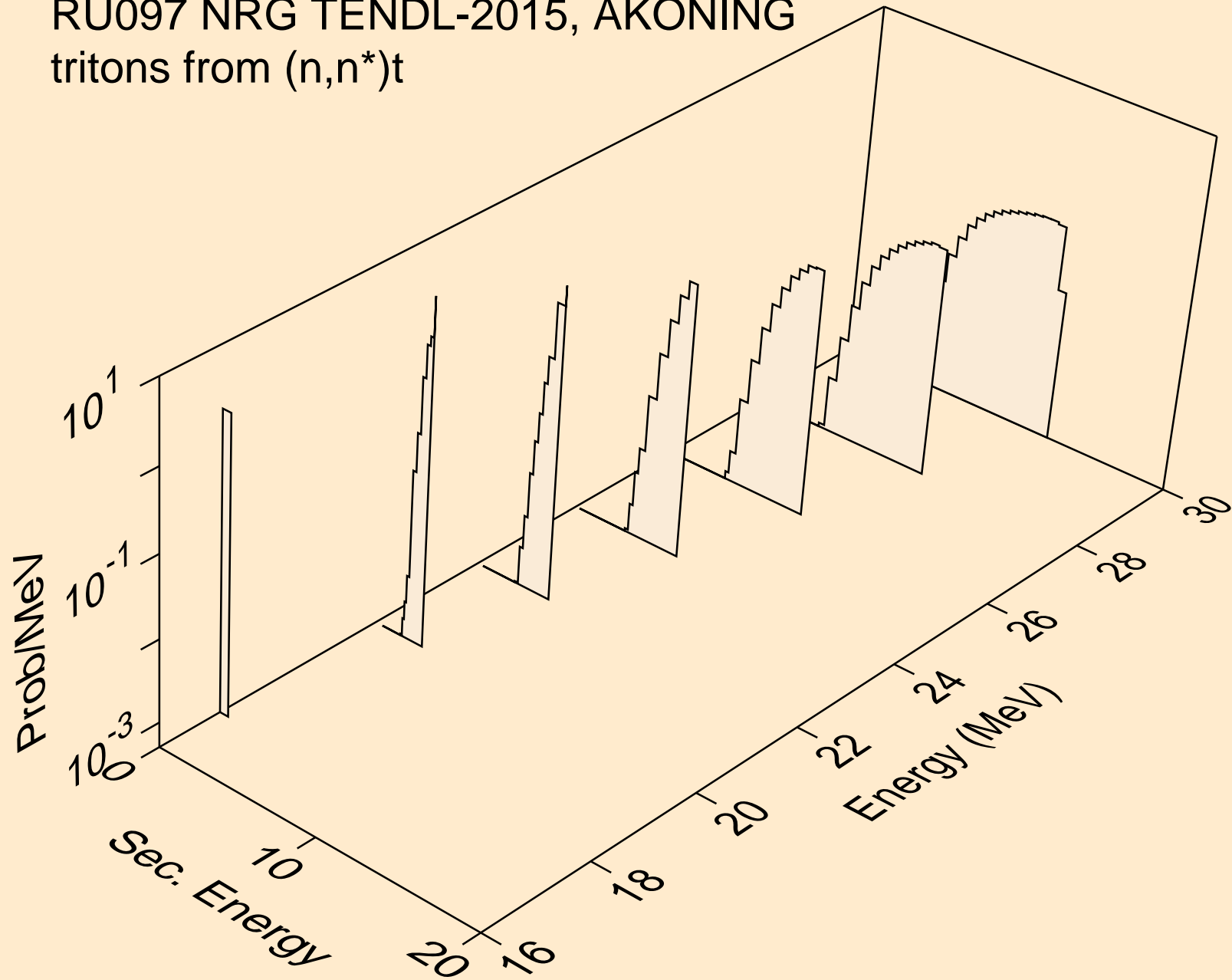
RU097 NRG TENDL-2015, AKONING  
deuterons from (n,da)



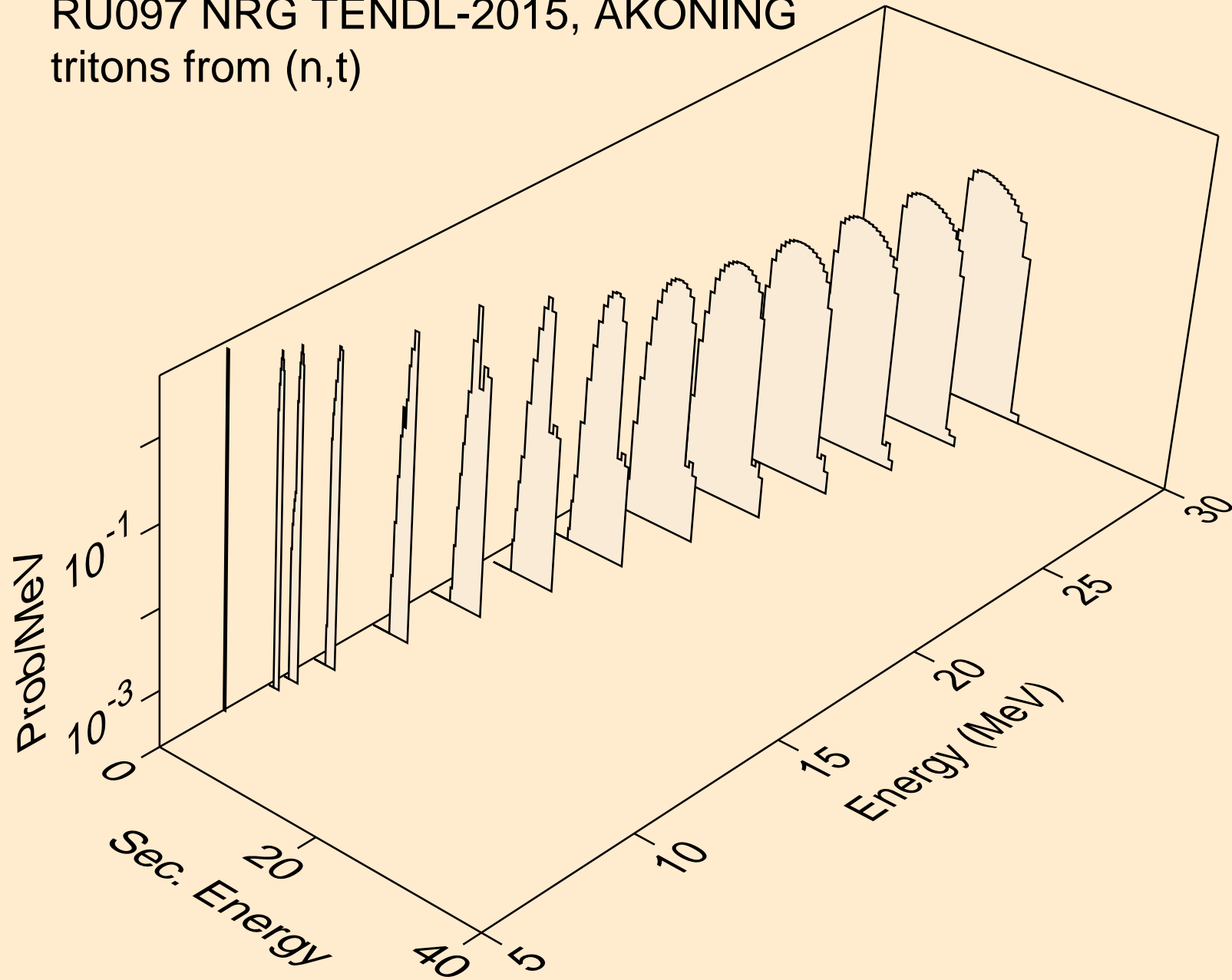
RU097 NRG TENDL-2015, AKONING  
tritons from (n,x)



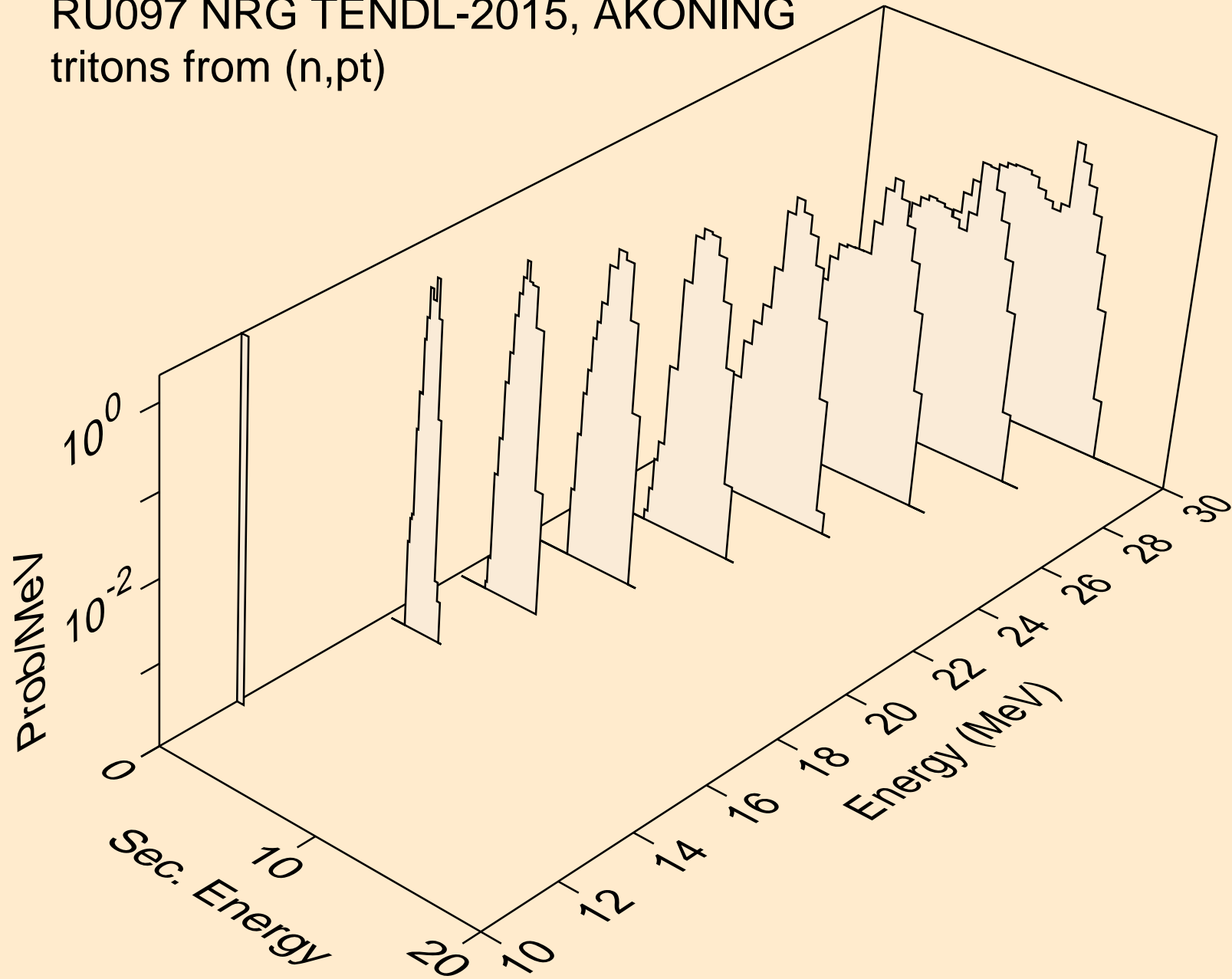
RU097 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



RU097 NRG TENDL-2015, AKONING  
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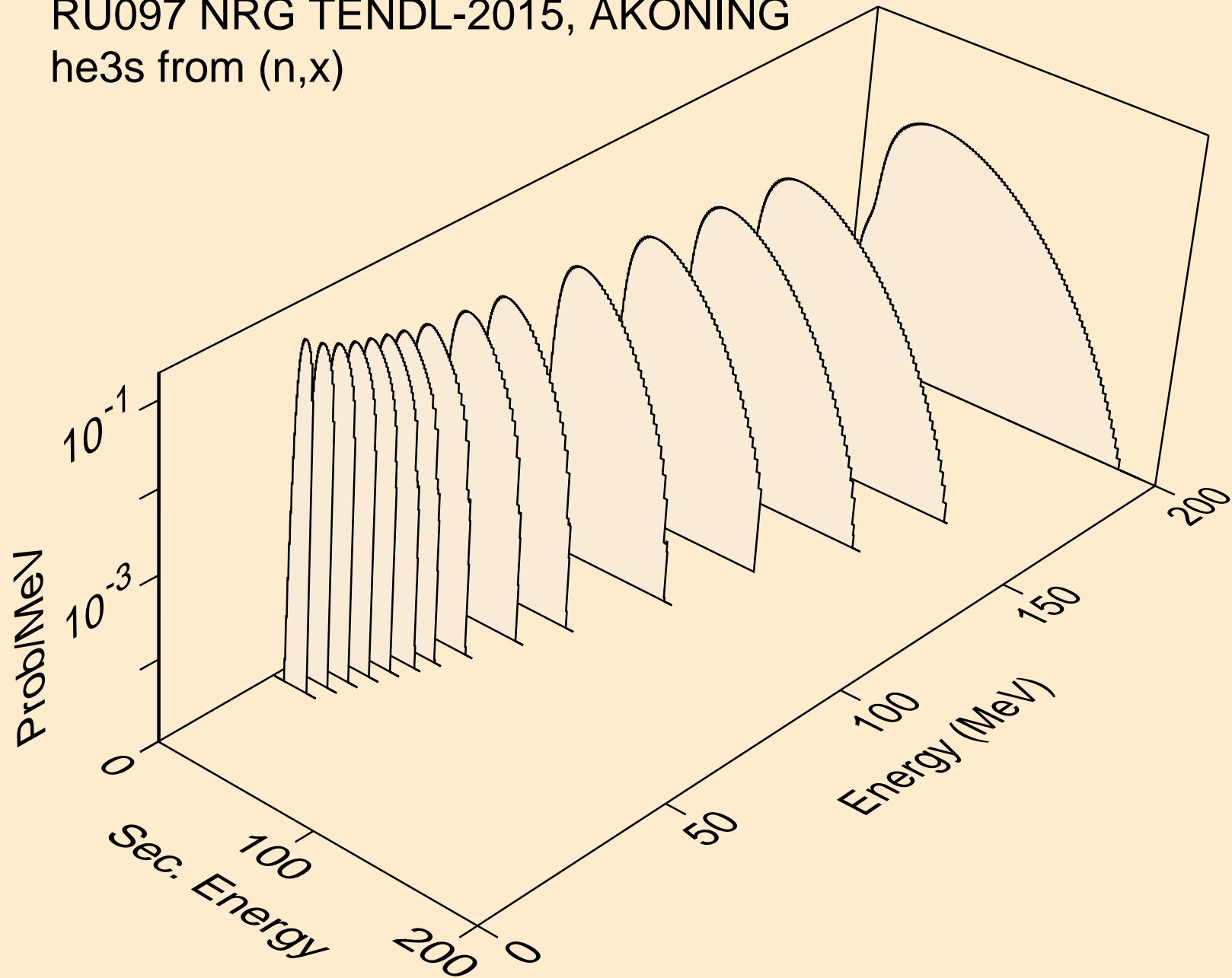


RU097 NRG TENDL-2015, AKONING  
tritons from (n,pt)

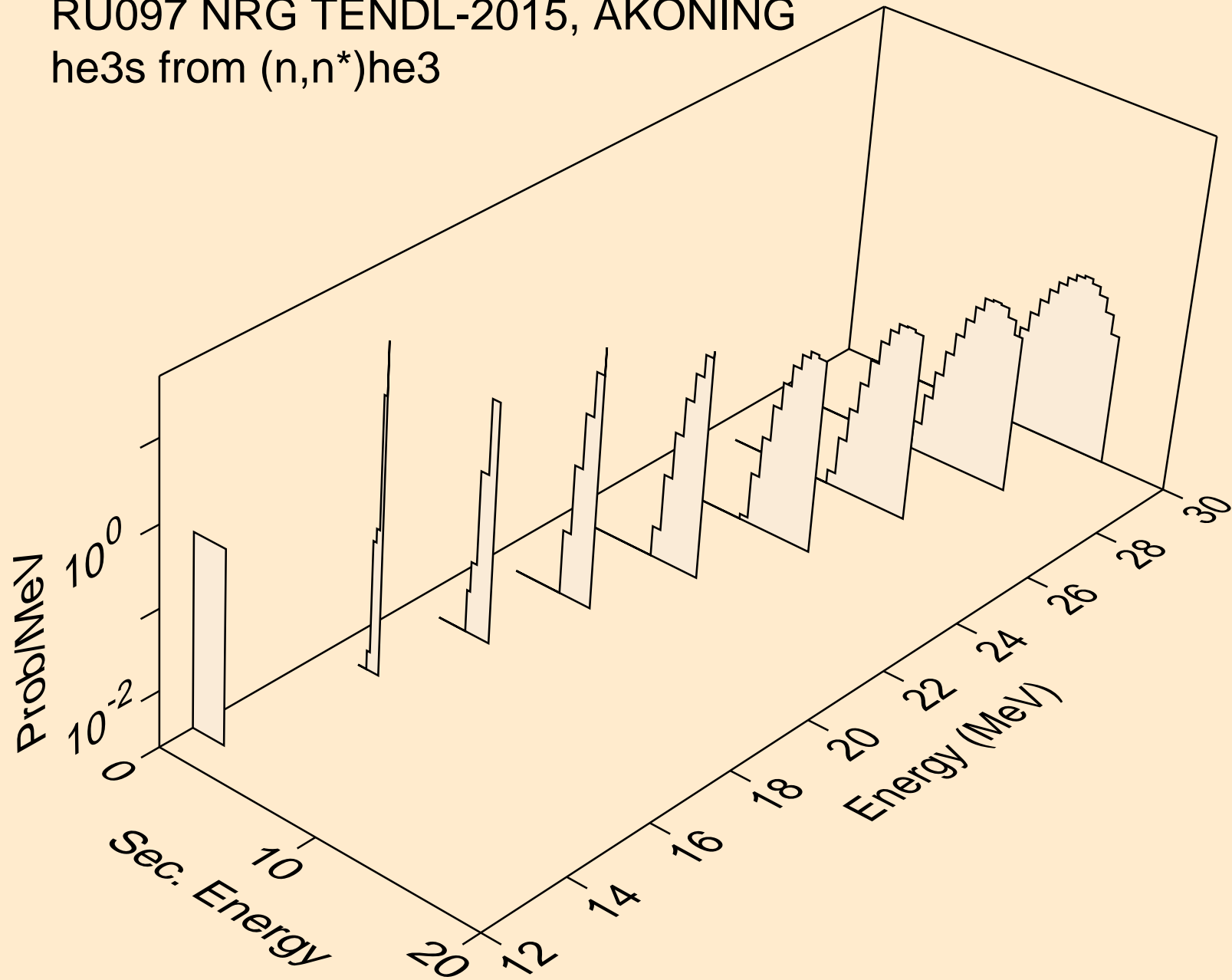




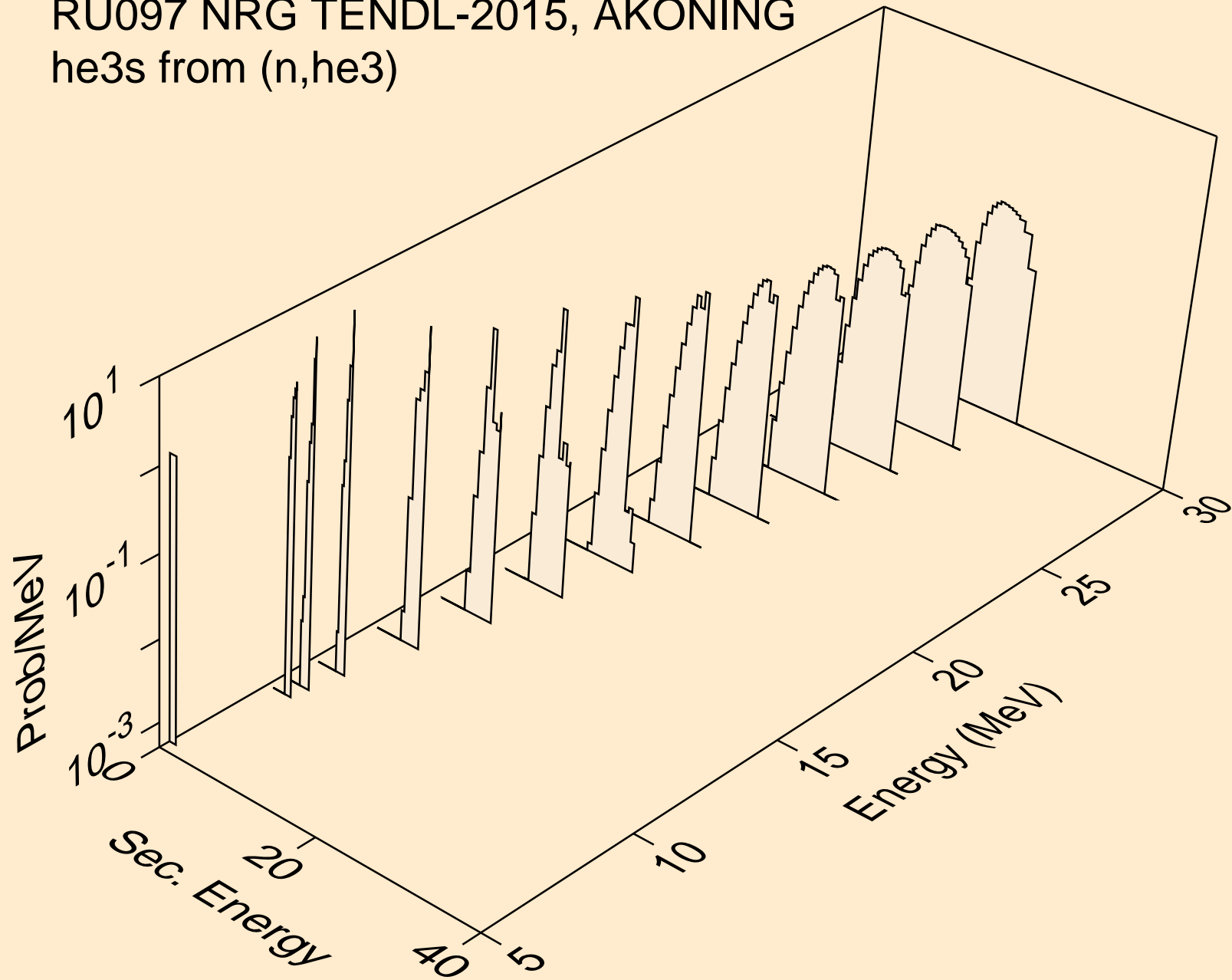
RU097 NRG TENDL-2015, AKONING  
he3s from (n,x)



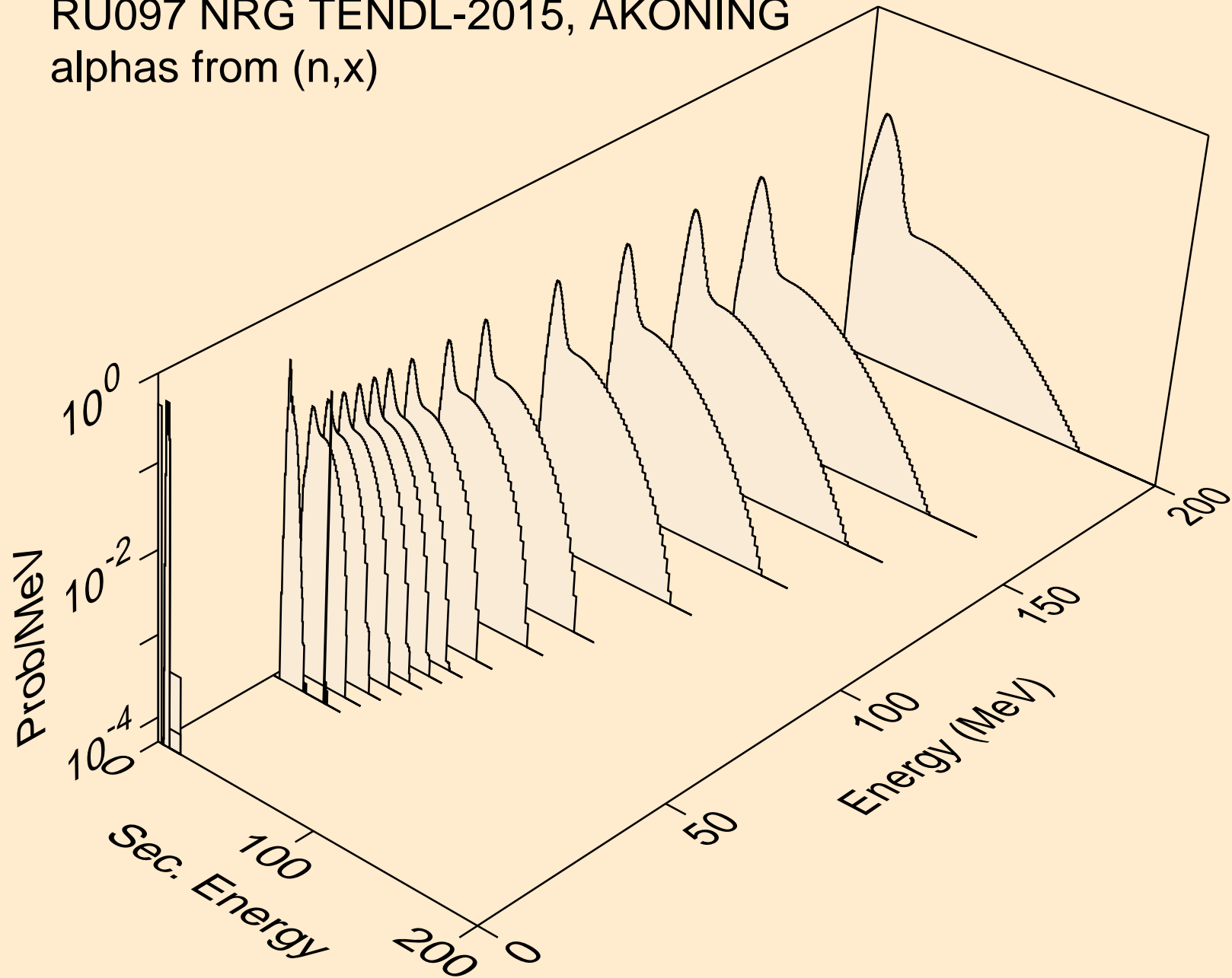
RU097 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



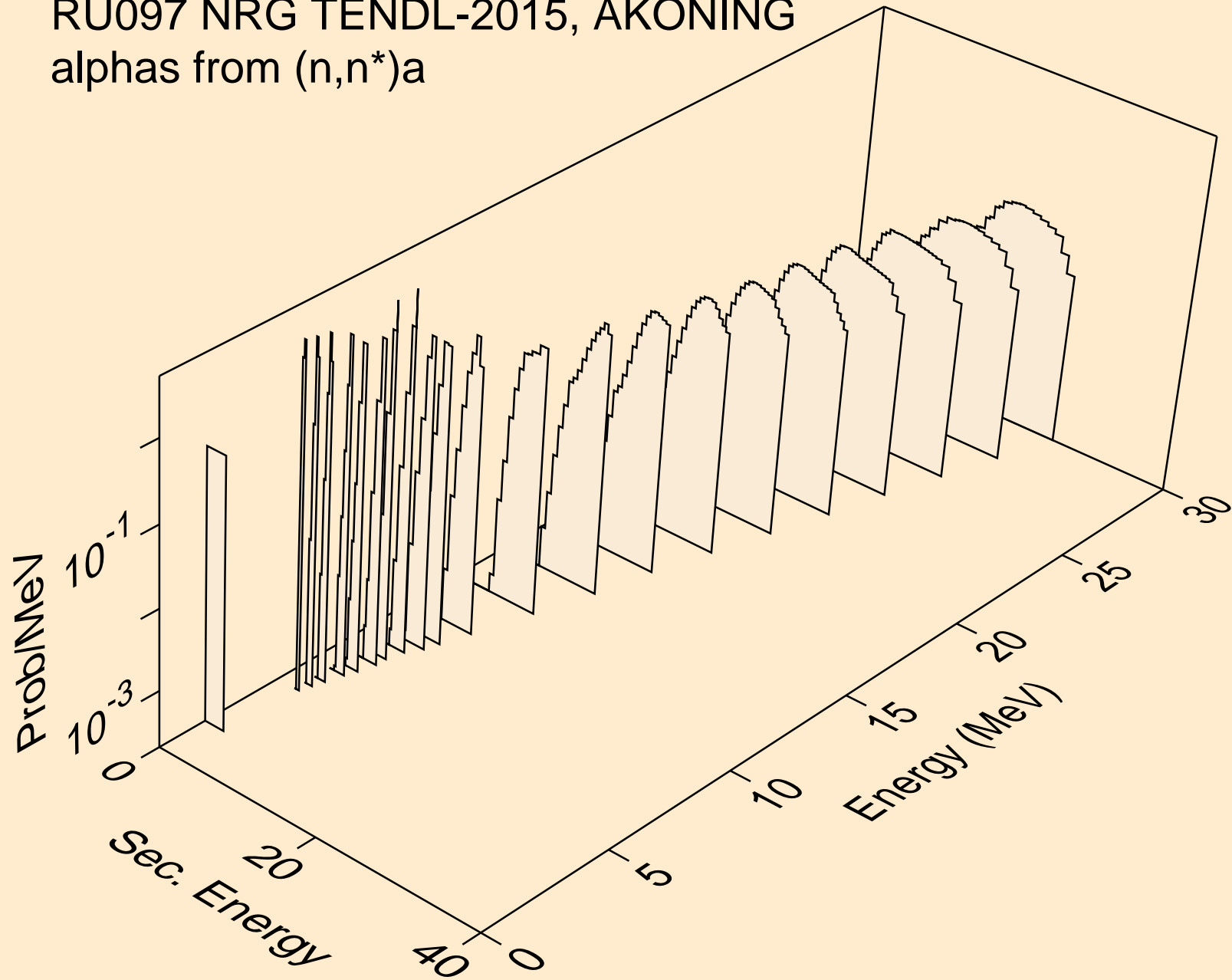
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he3s from (n,he3)



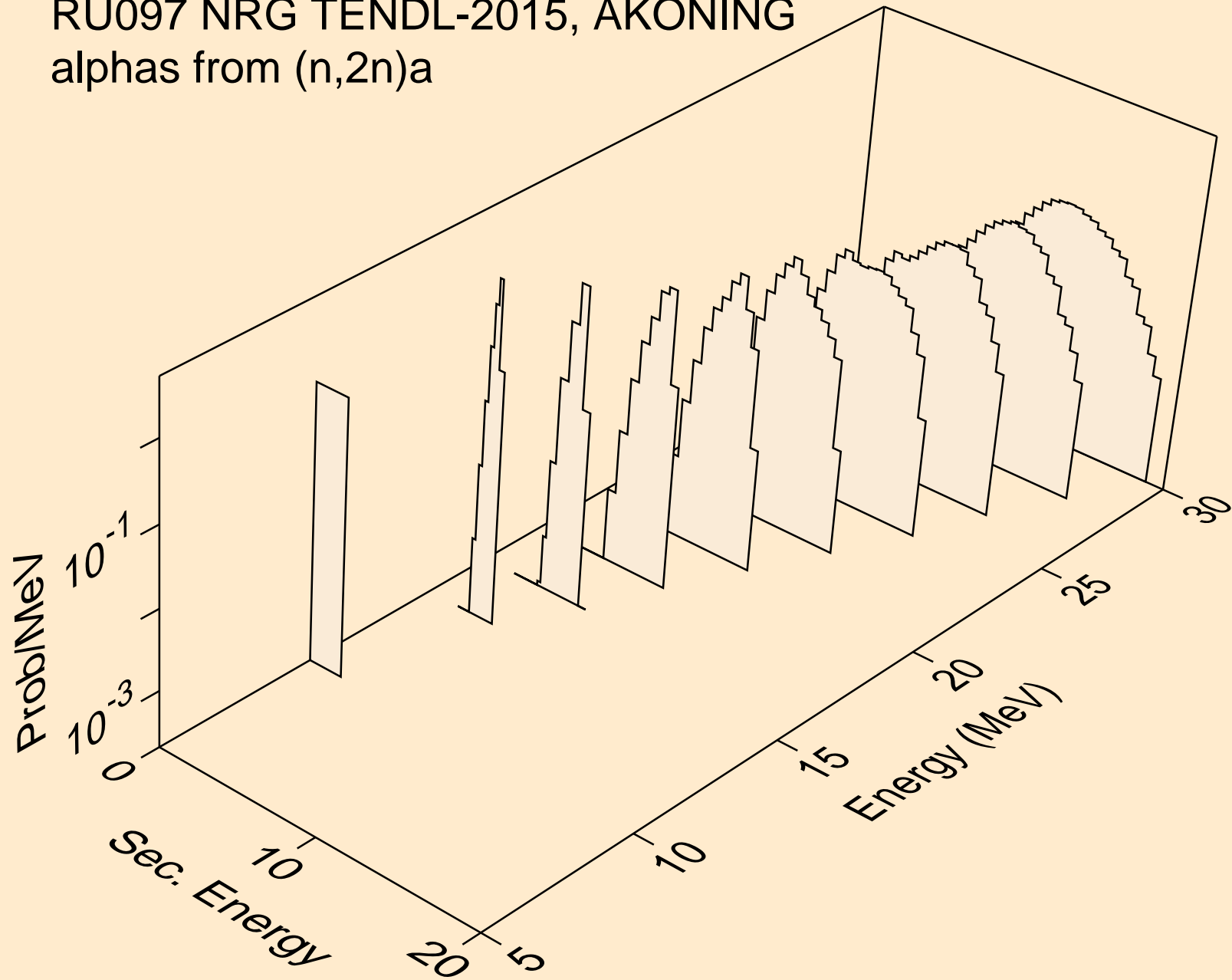
RU097 NRG TENDL-2015, AKONING  
alphas from (n,x)



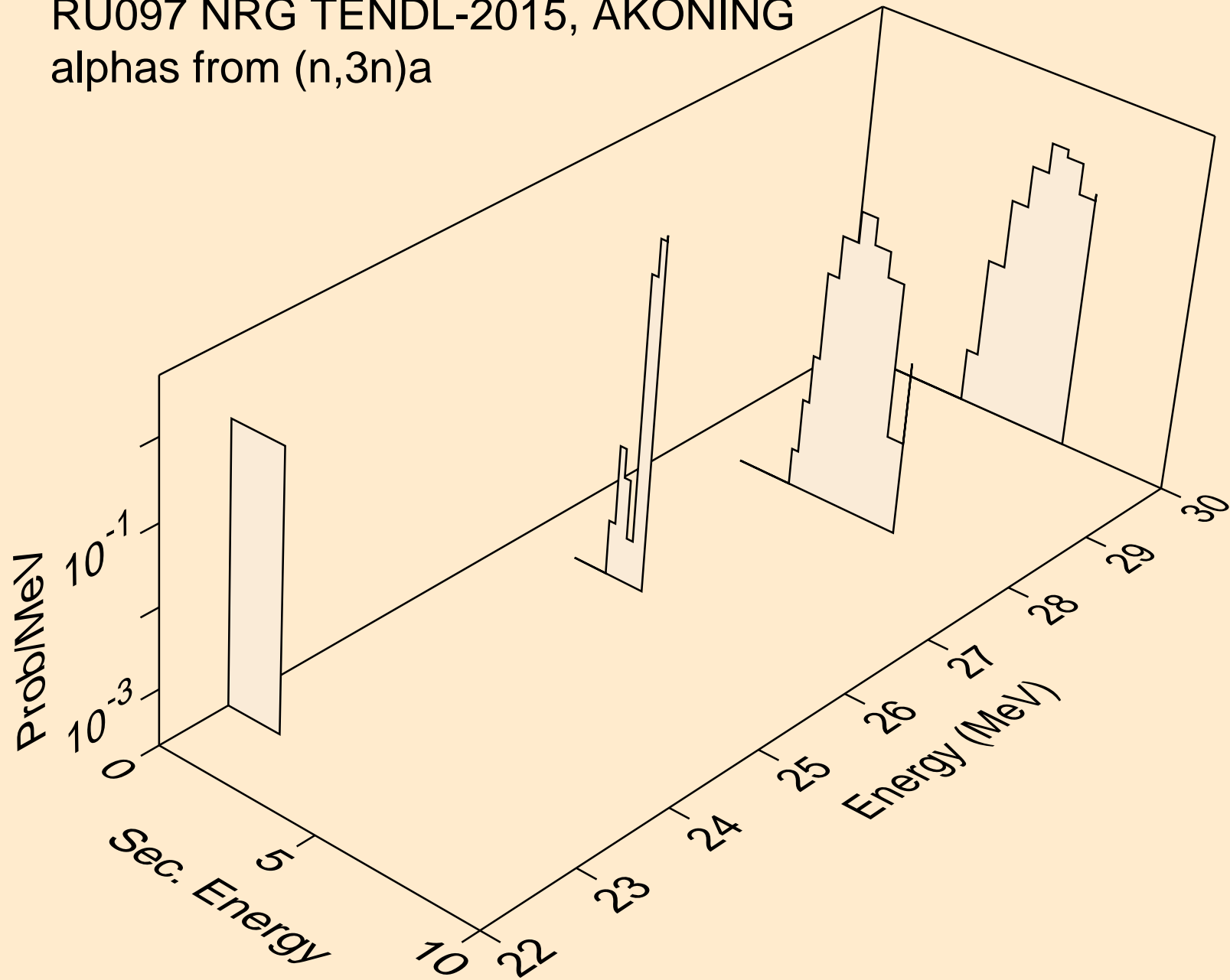
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alphas from (n,n\*)a



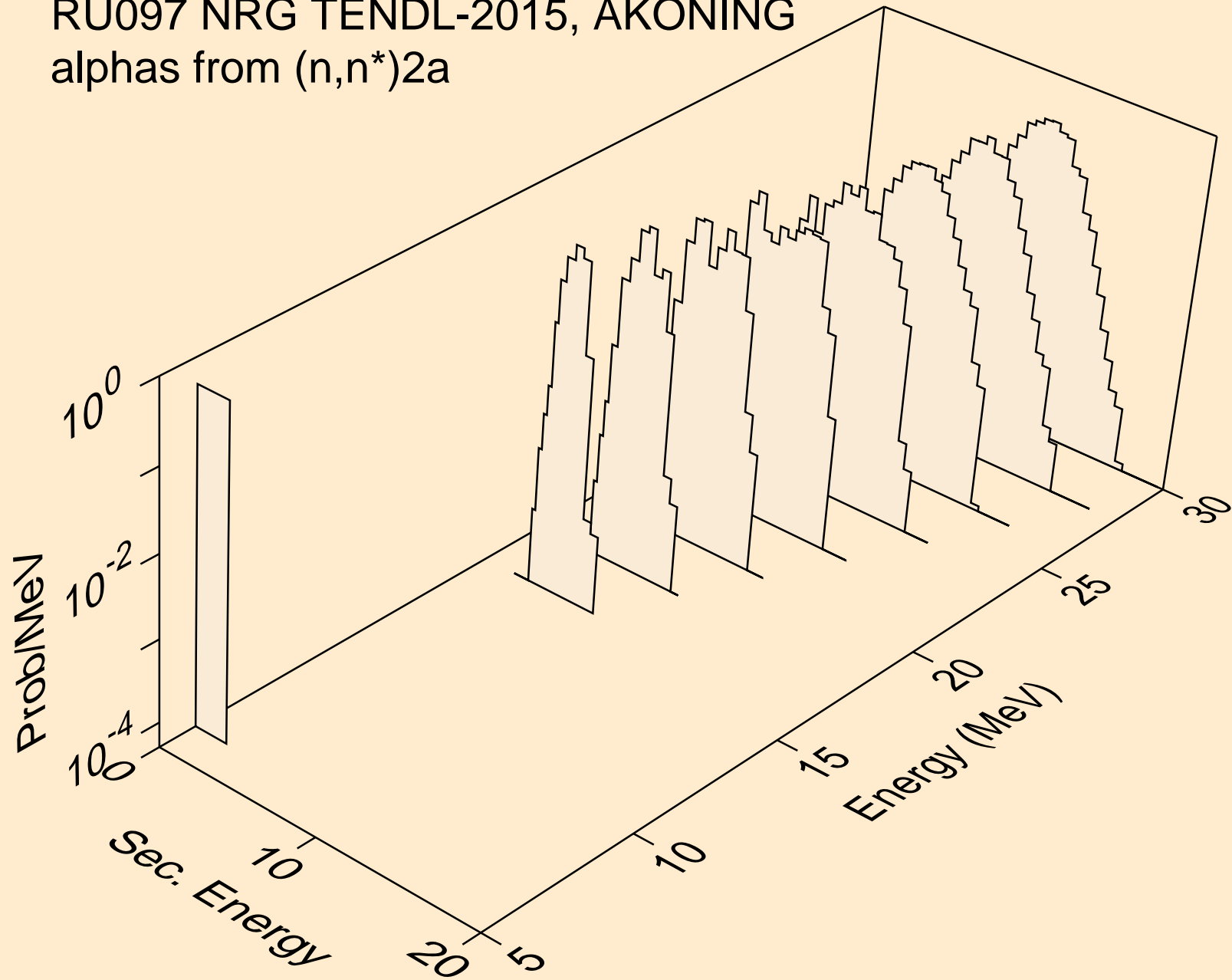
RU097 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



RU097 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

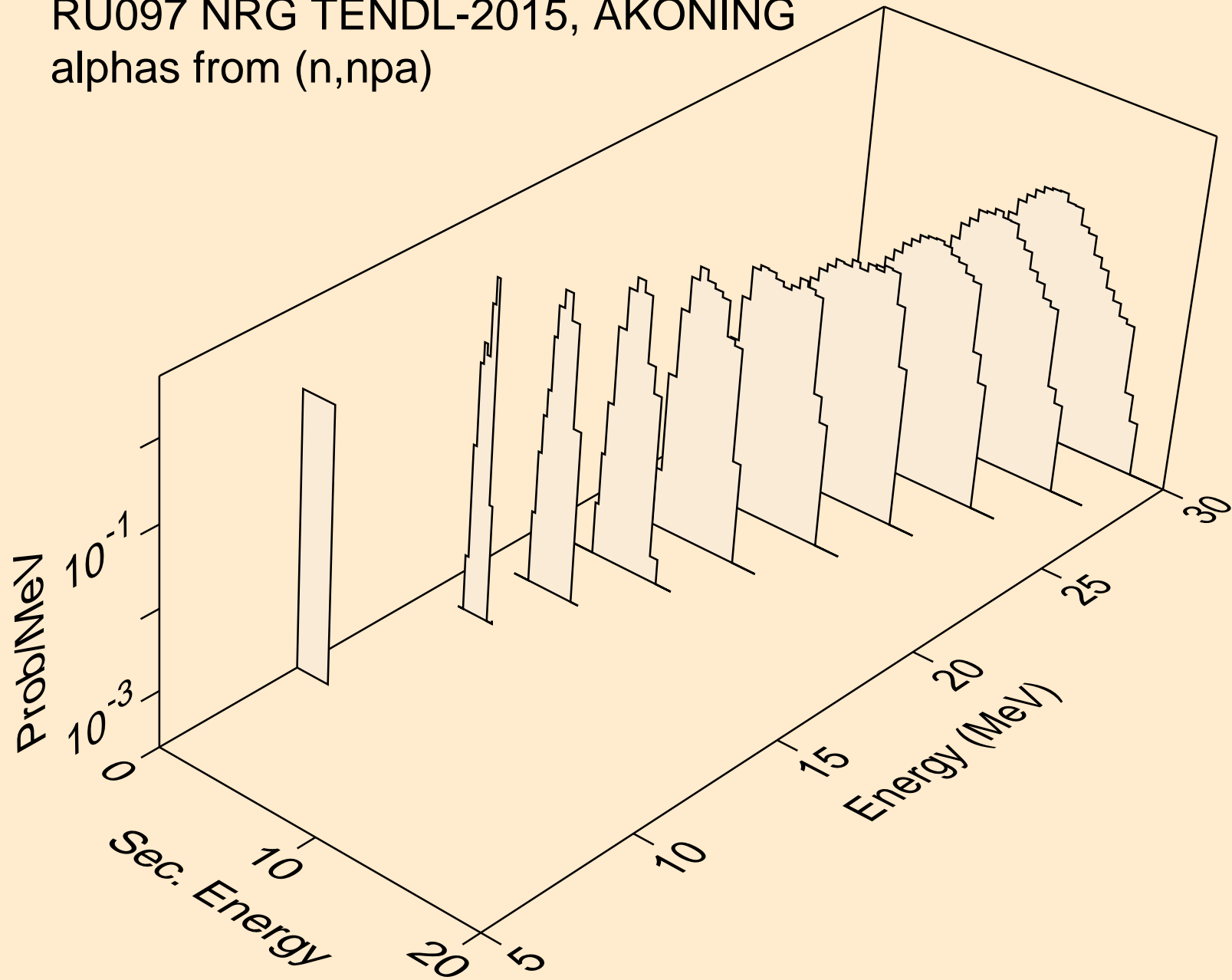


RU097 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

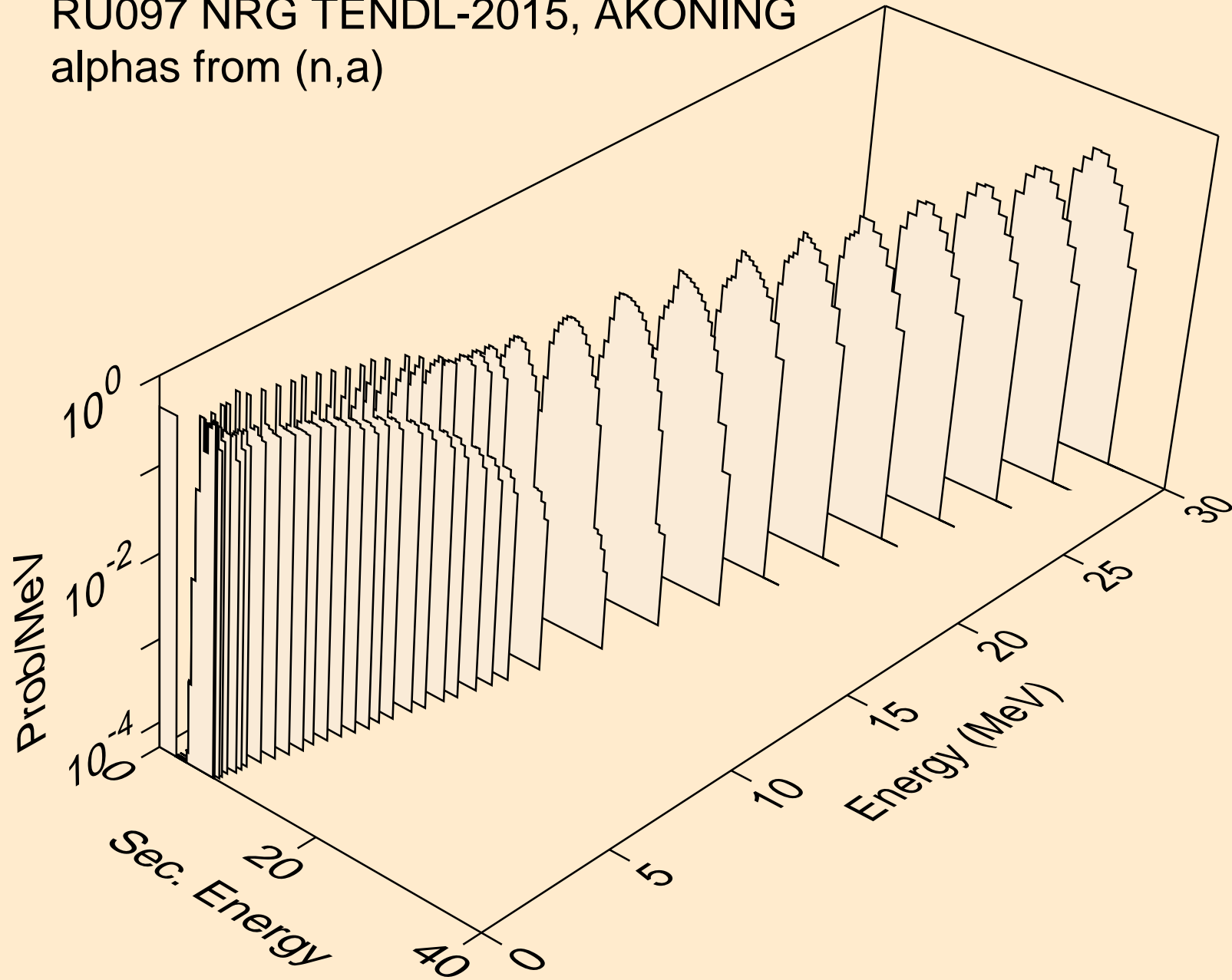




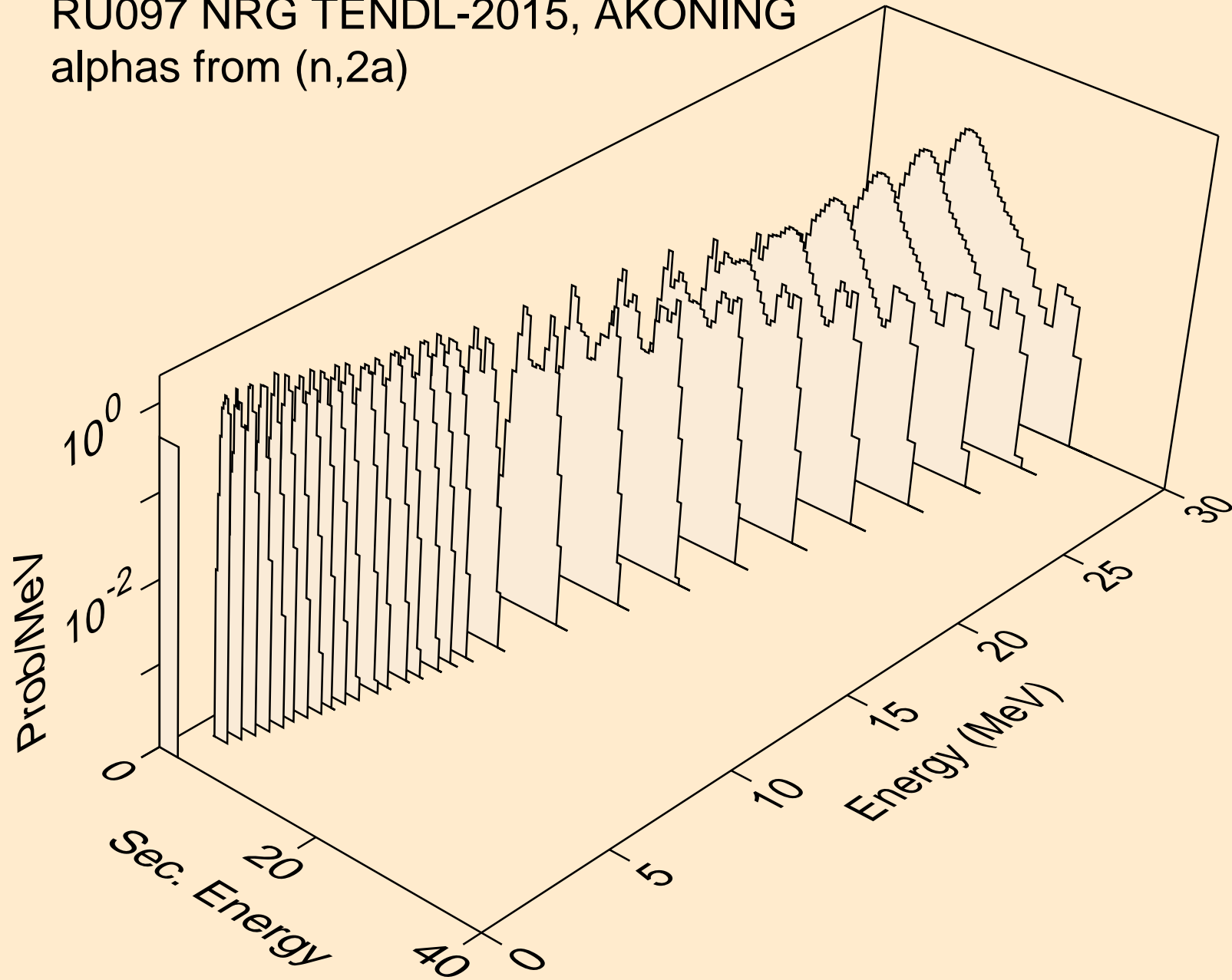
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alphas from (n,npa)



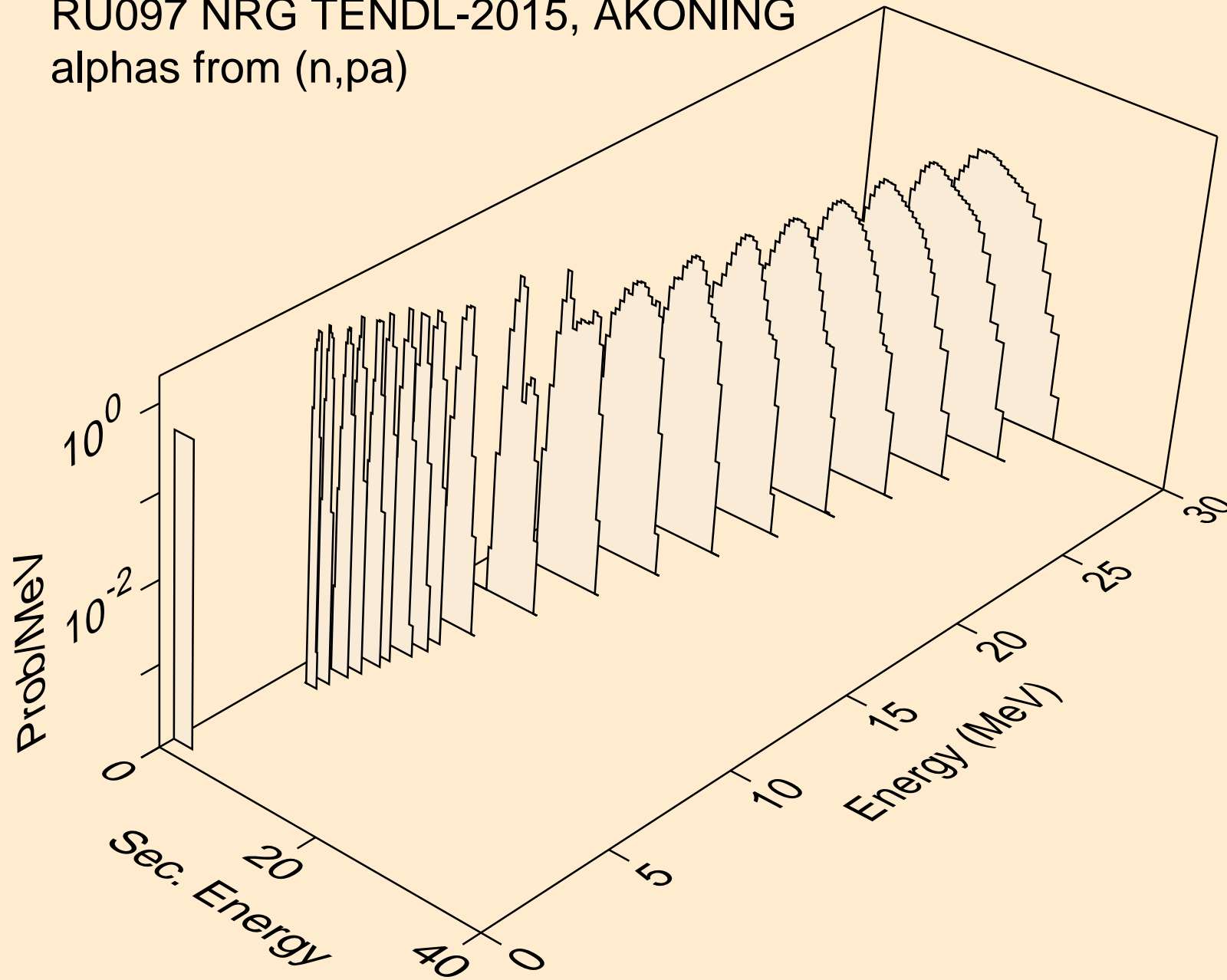
RU097 NRG TENDL-2015, AKONING  
alphas from (n,a)



RU097 NRG TENDL-2015, AKONING  
alphas from (n,2a)



RU097 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RU097 NRG TENDL-2015, AKONING  
alphas from (n,da)

