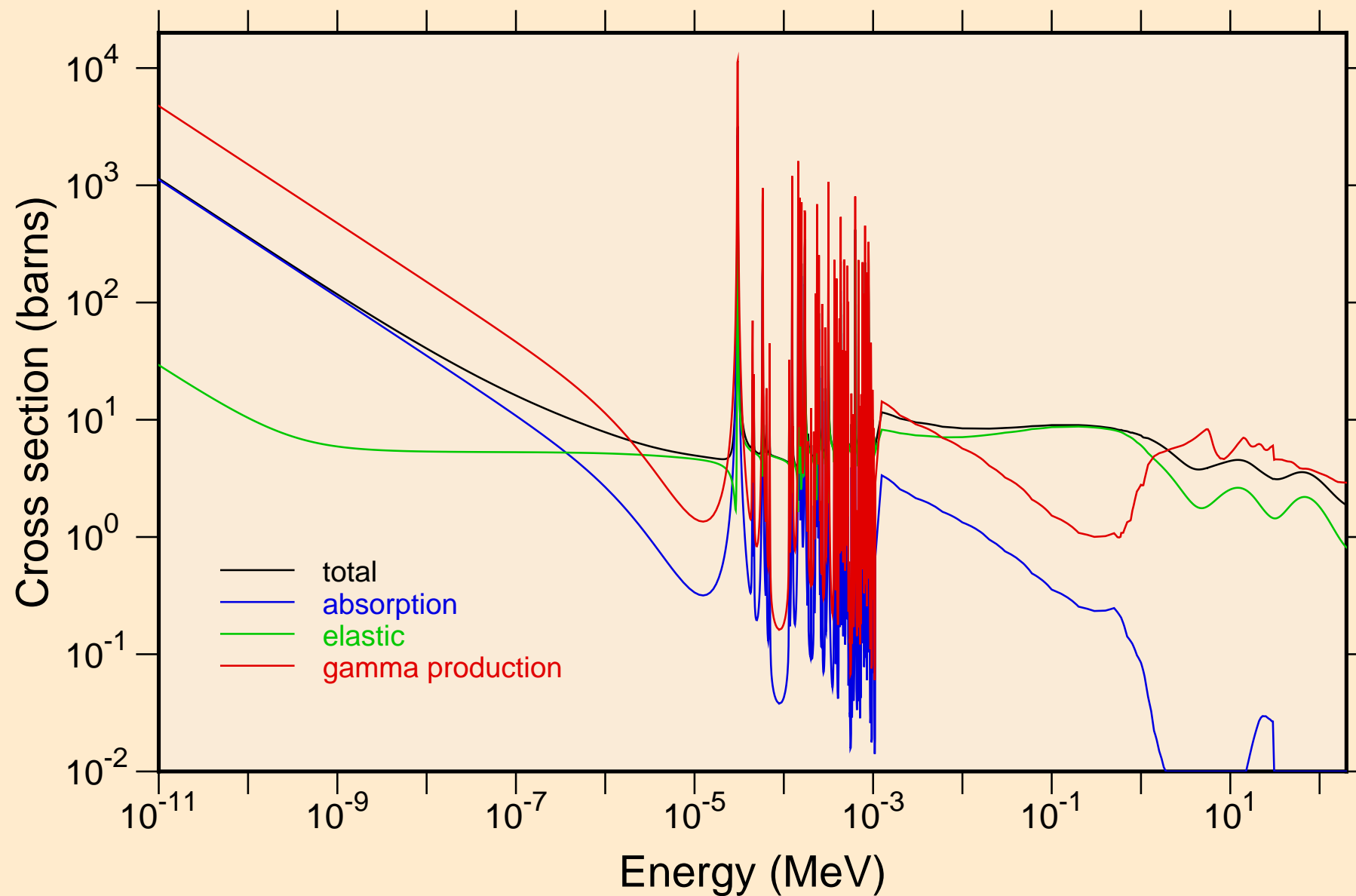
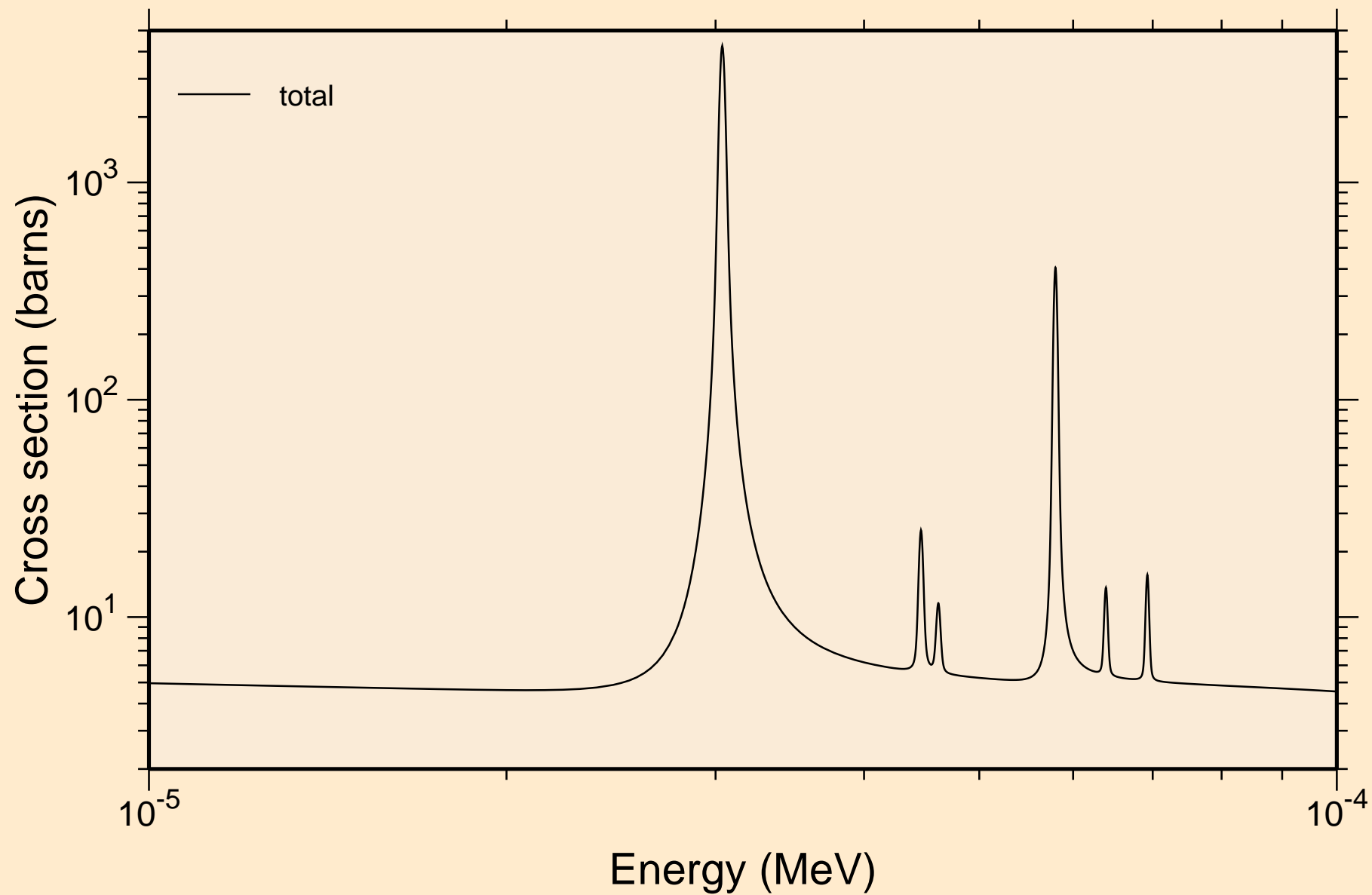


# N-RH112 NRG TENDL-2017, AKONING

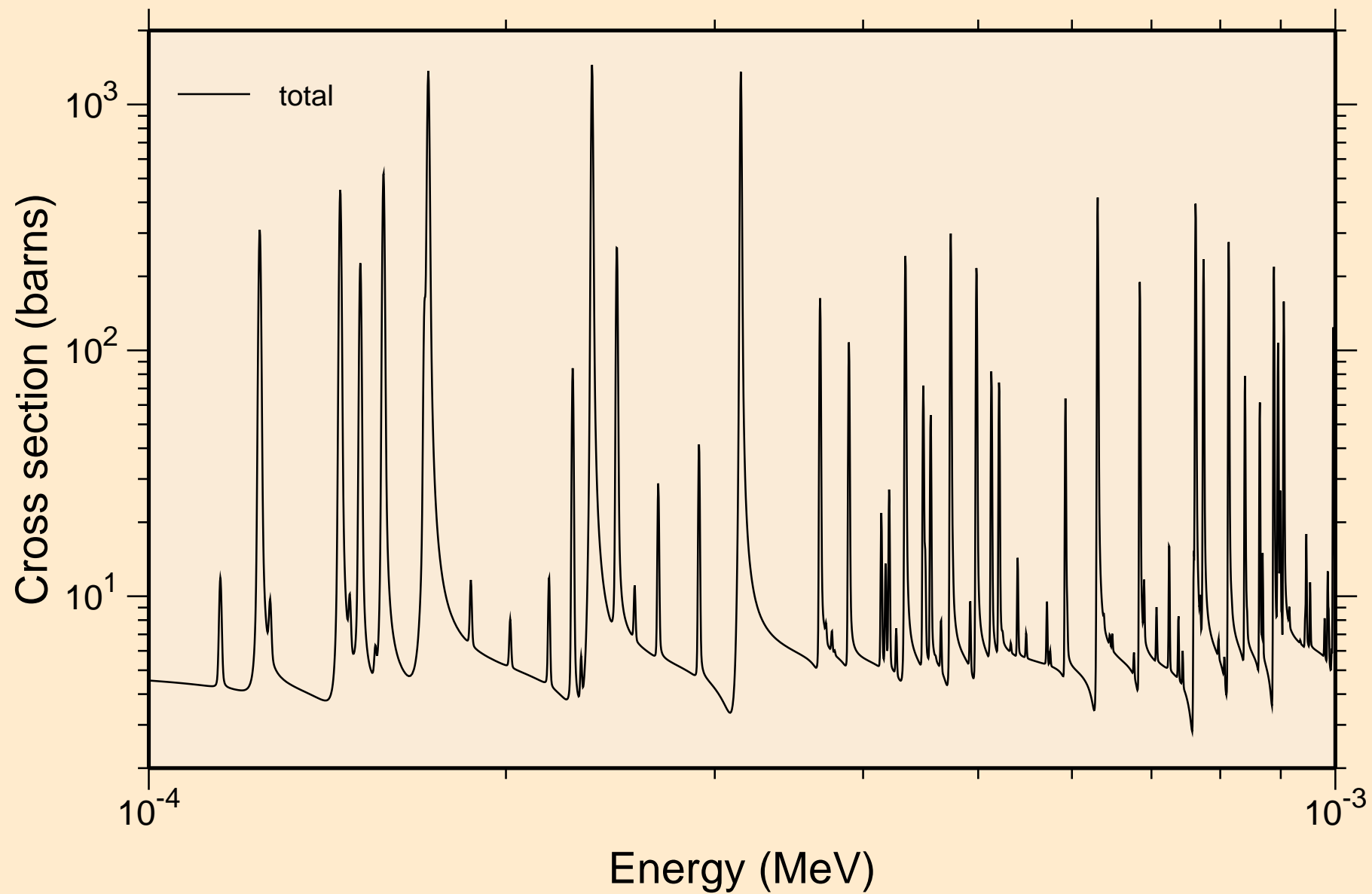
## Principal cross sections



N-RH112 NRG TENDL-2017, AKONING  
resonance total cross section

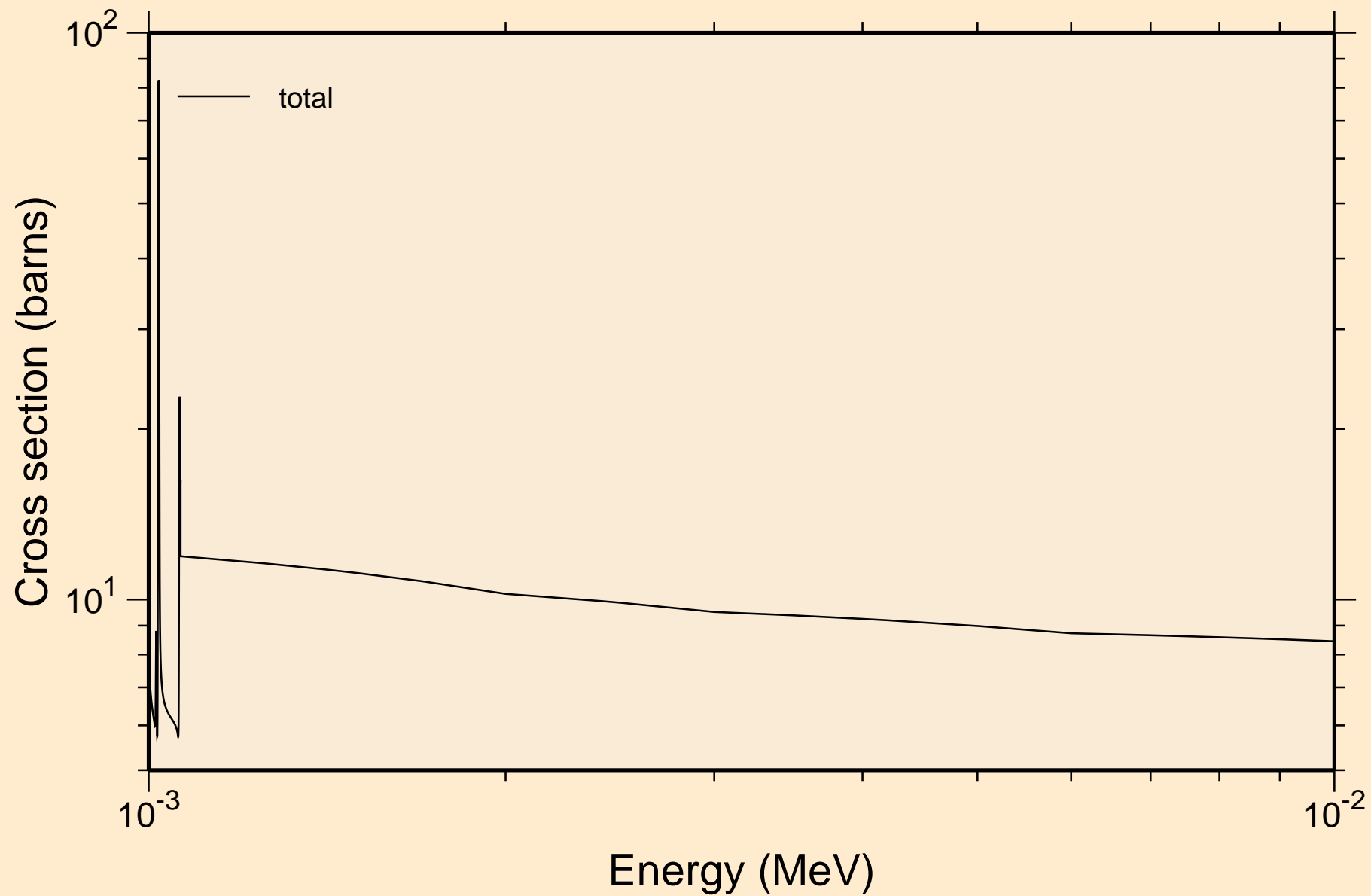


N-RH112 NRG TENDL-2017, AKONING  
resonance total cross section

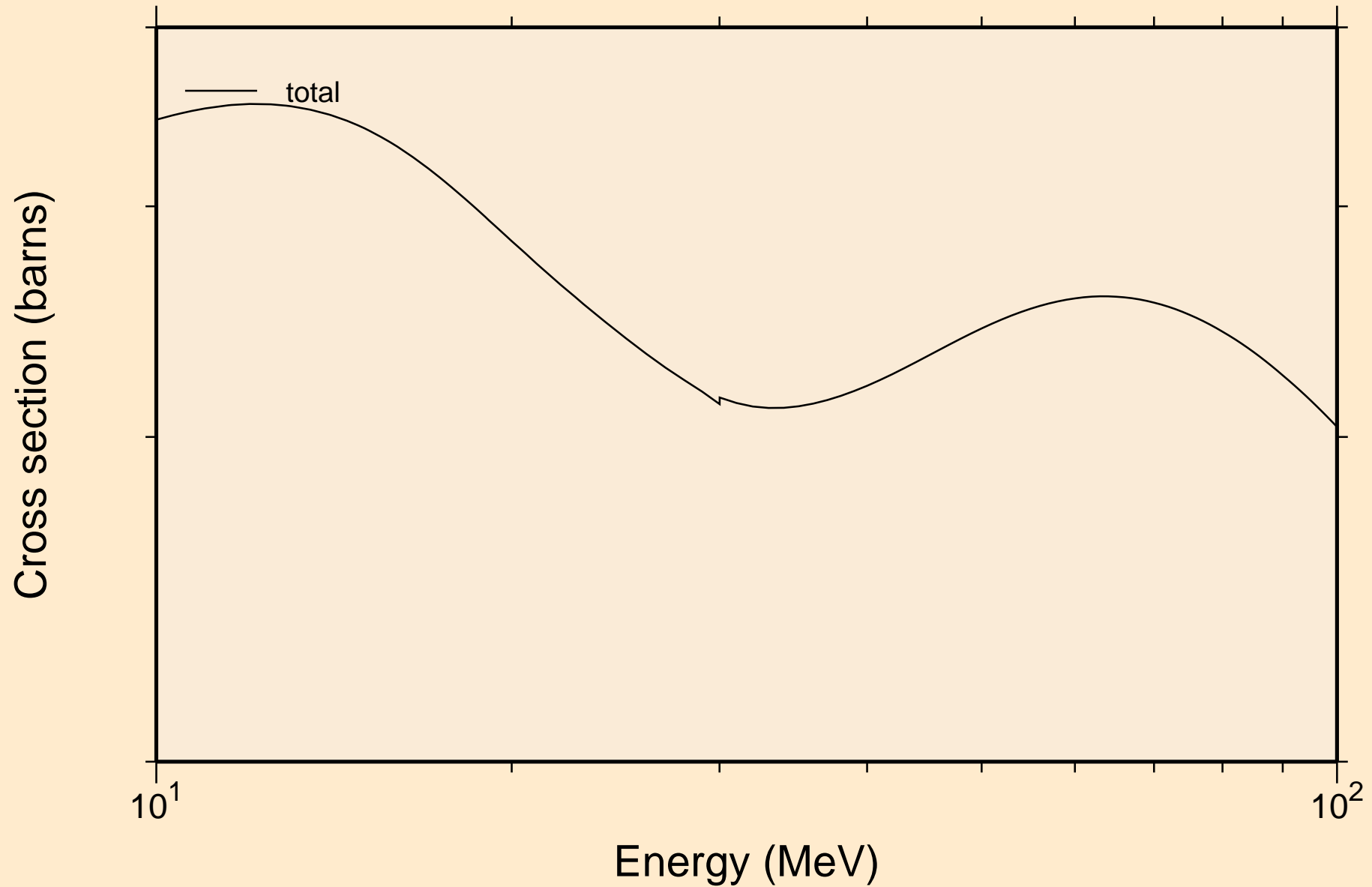


# N-RH112 NRG TENDL-2017, AKONING

## resonance total cross section

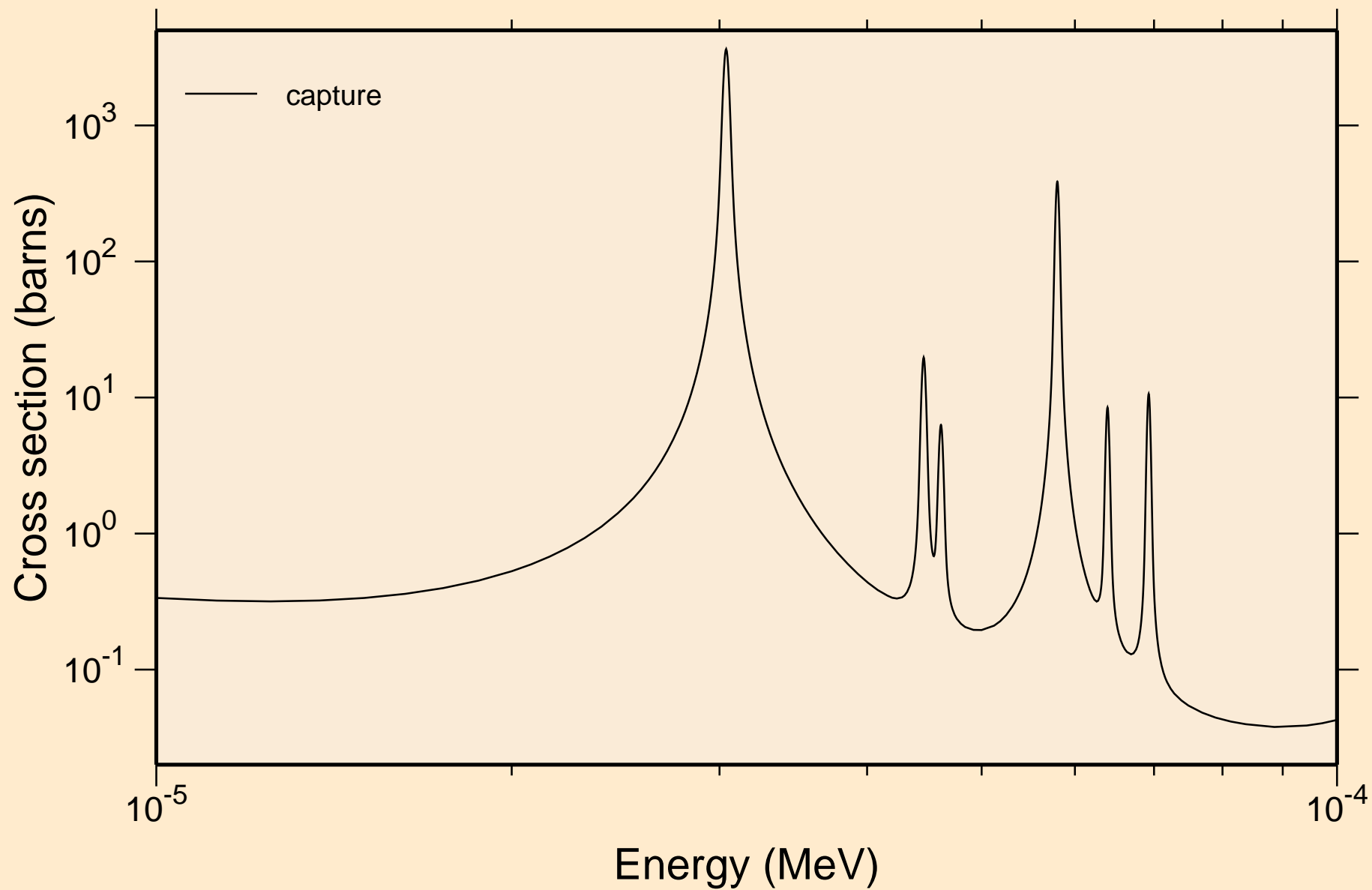


N-RH112 NRG TENDL-2017, AKONING  
resonance total cross section

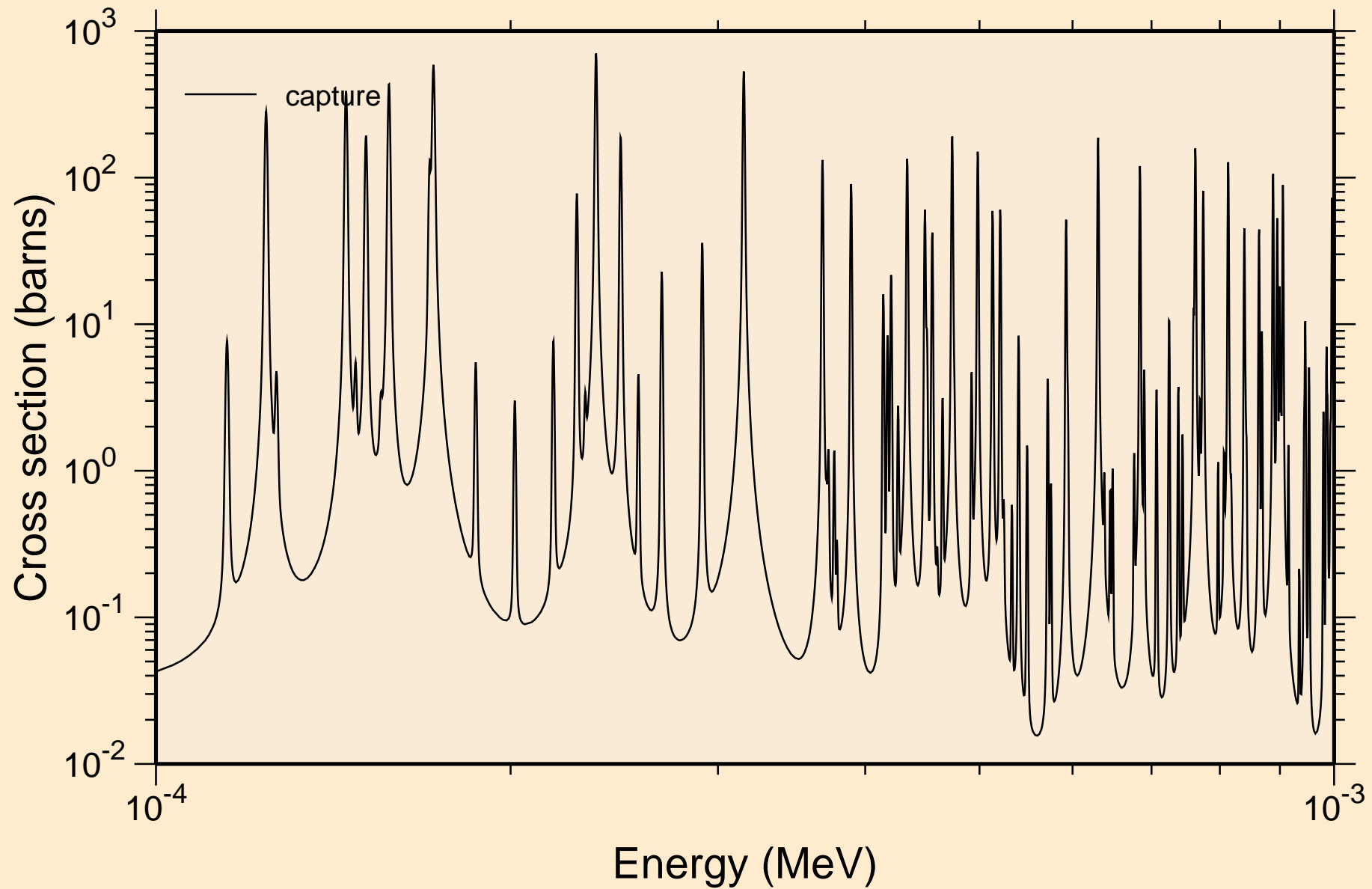


# N-RH112 NRG TENDL-2017, AKONING

## resonance absorption cross sections

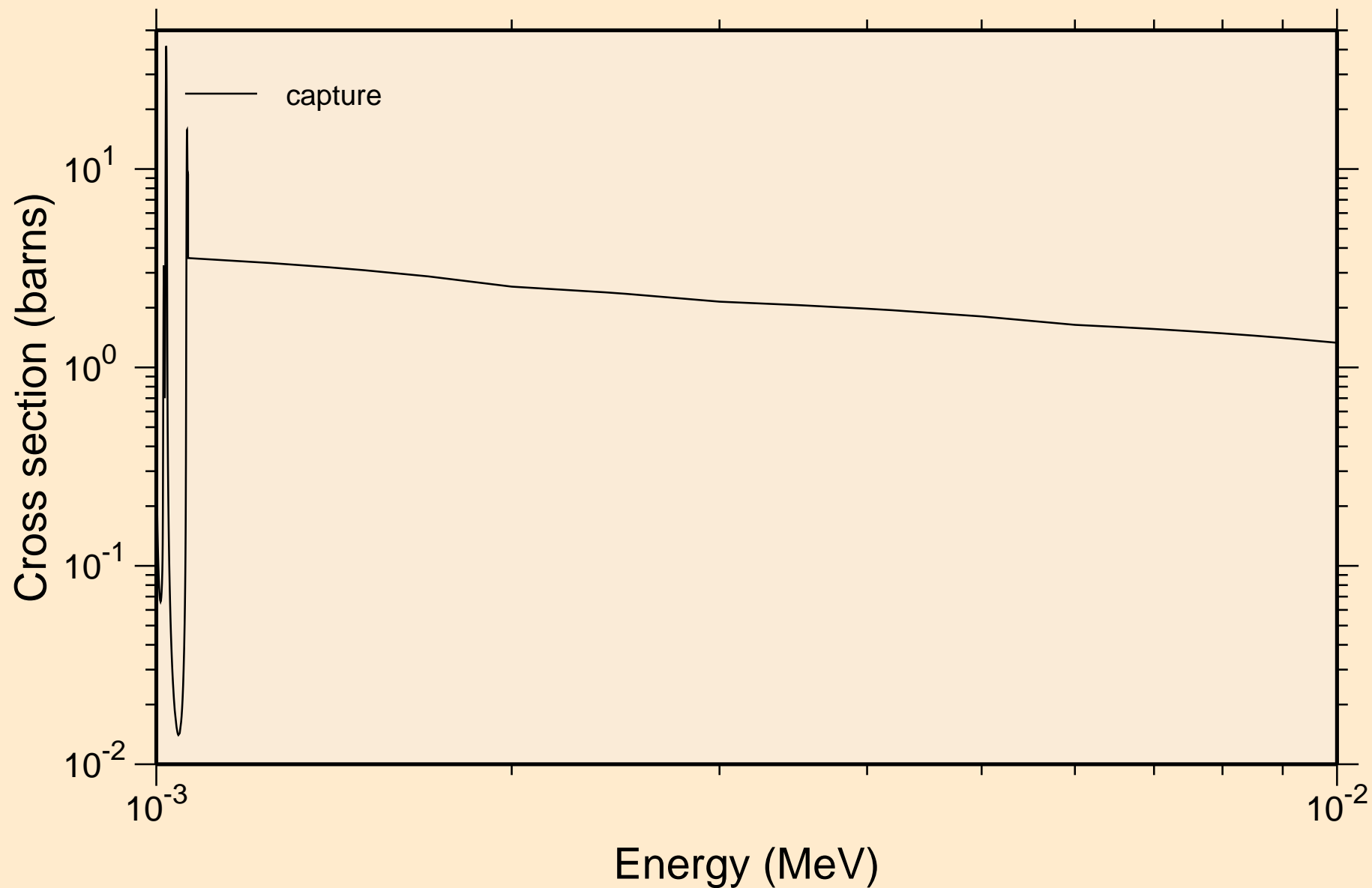


N-RH112 NRG TENDL-2017, AKONING  
resonance absorption cross sections



# N-RH112 NRG TENDL-2017, AKONING

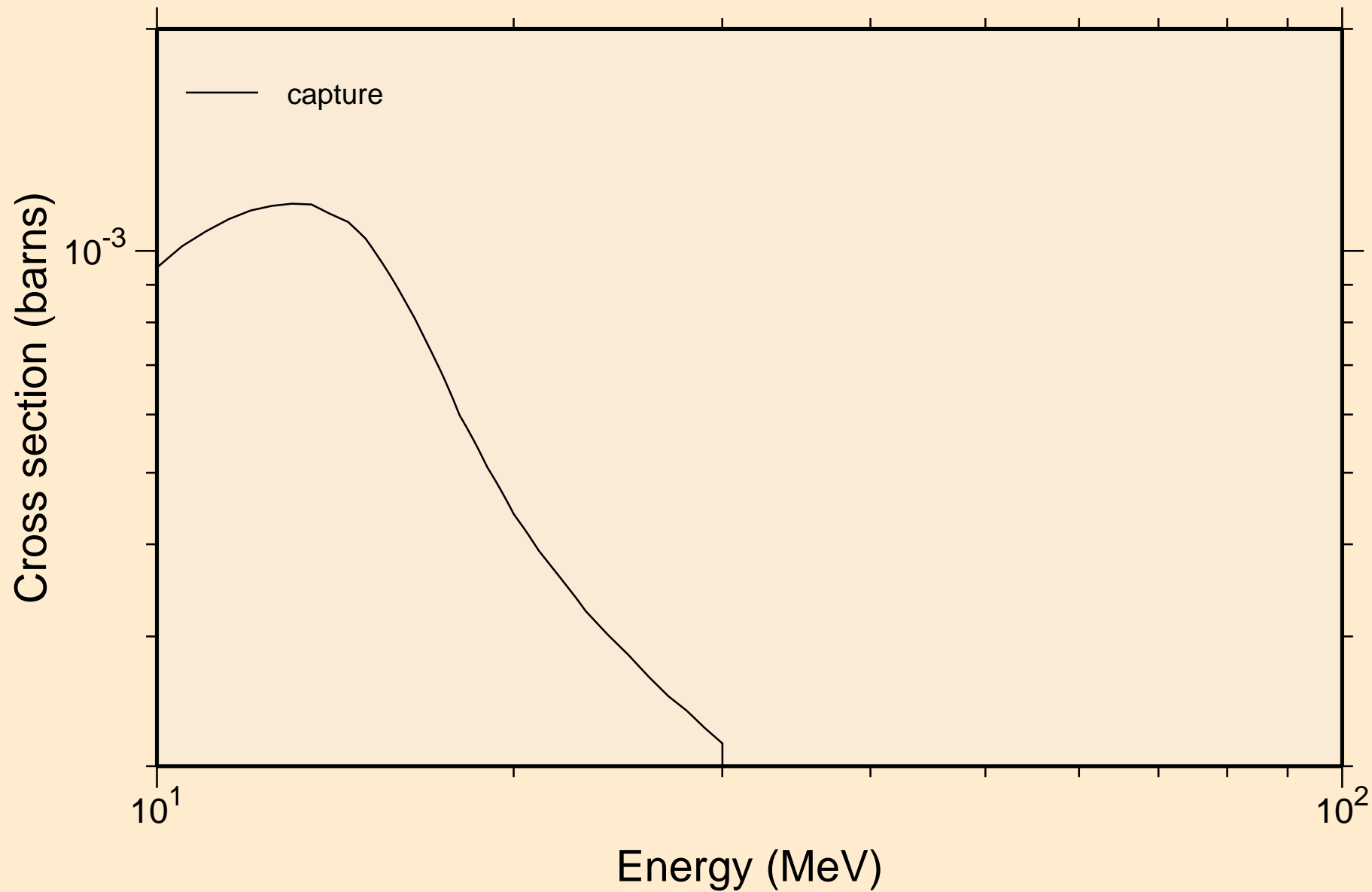
## resonance absorption cross sections





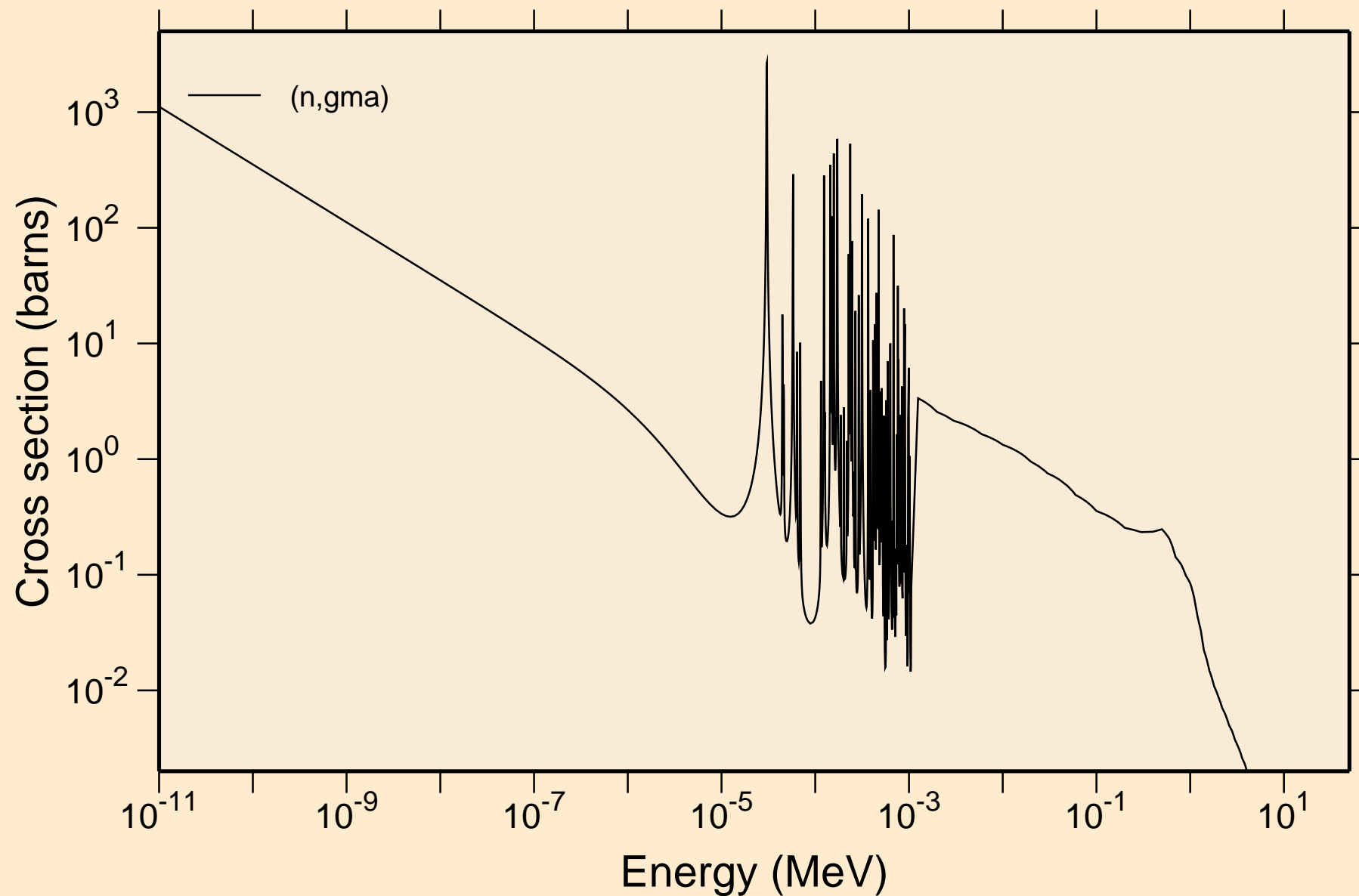
# N-RH112 NRG TENDL-2017, AKONING

## resonance absorption cross sections



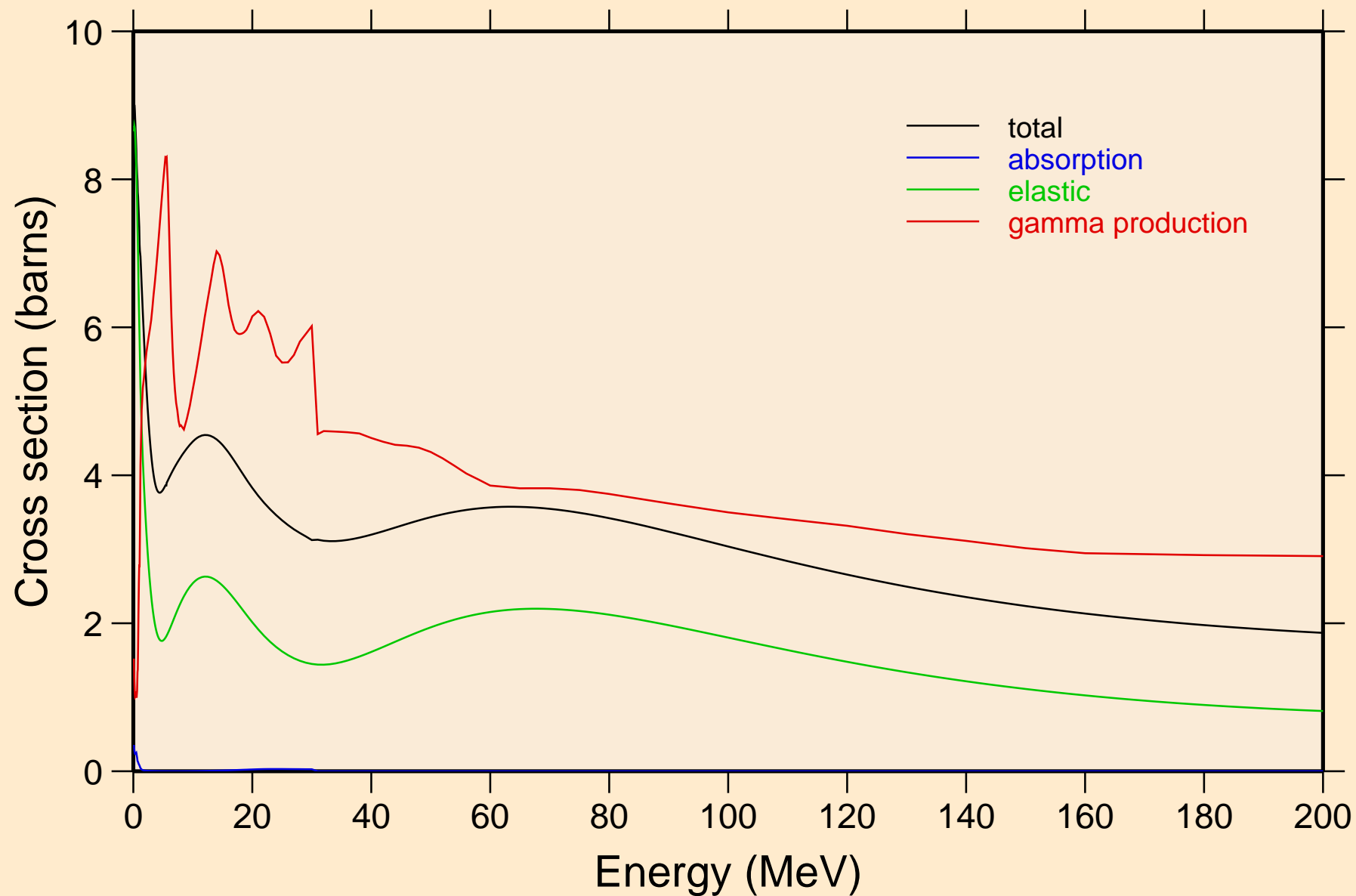
# N-RH112 NRG TENDL-2017, AKONING

Non-threshold reactions



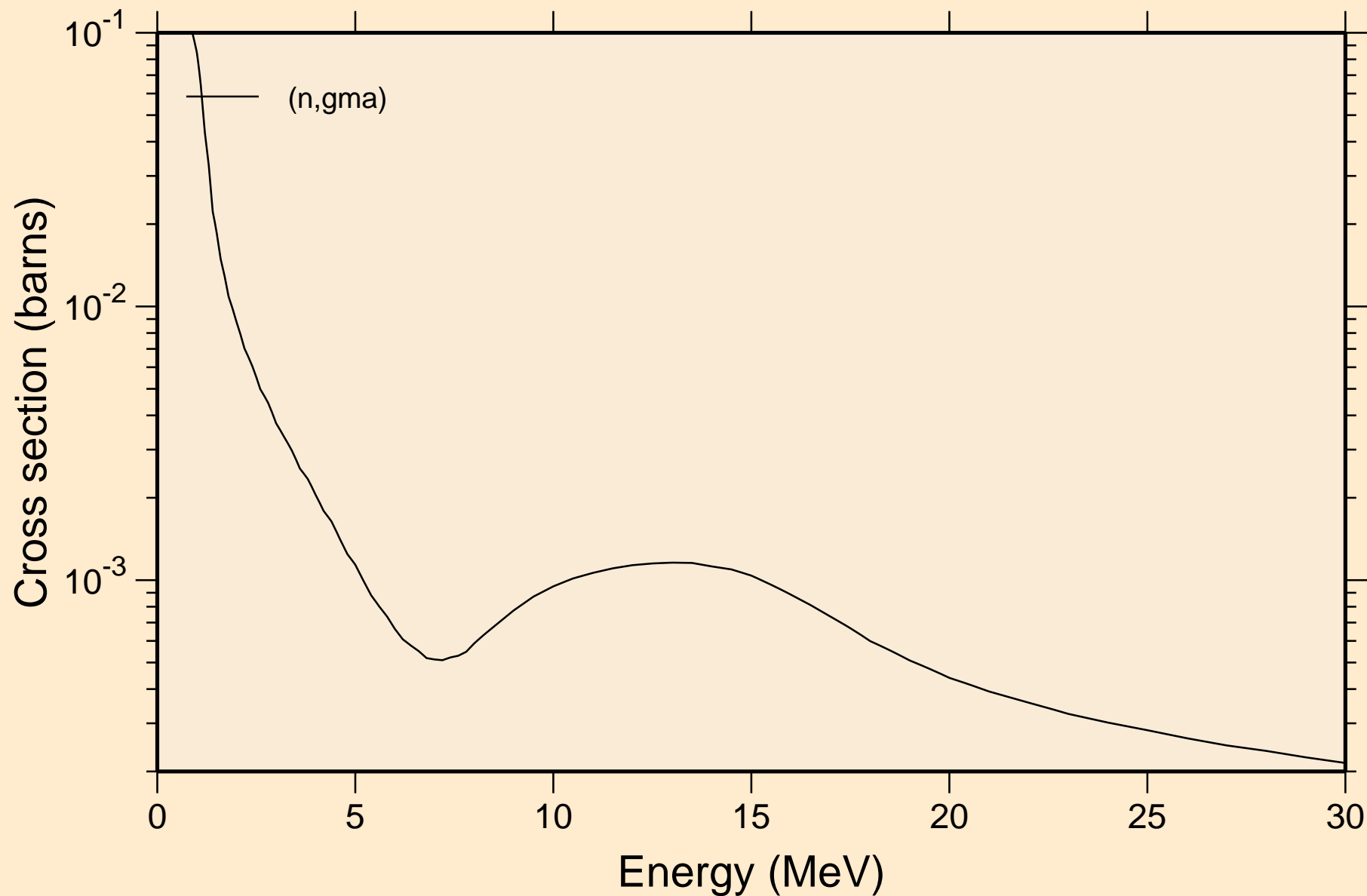
# N-RH112 NRG TENDL-2017, AKONING

## Principal cross sections



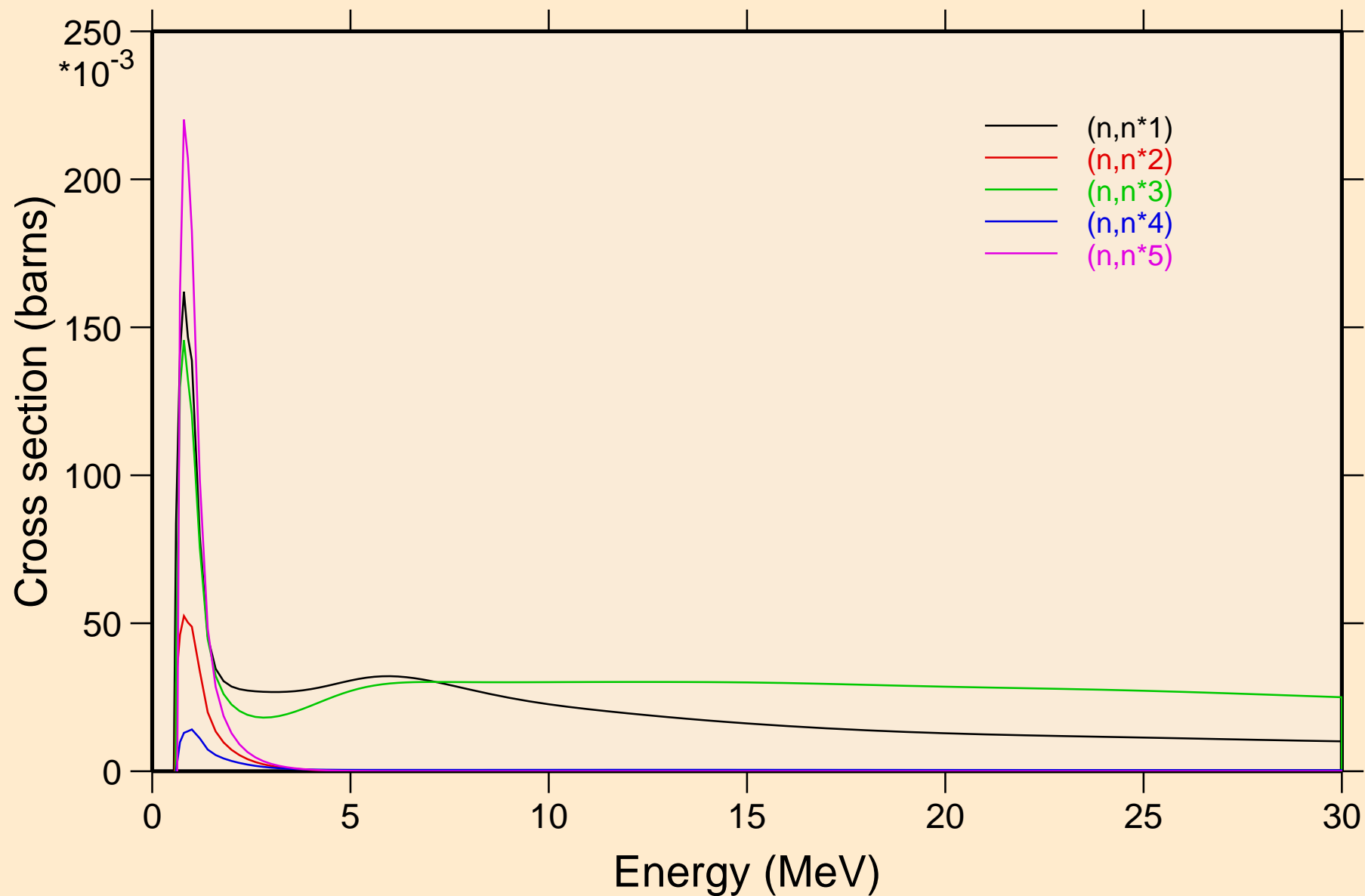
# N-RH112 NRG TENDL-2017, AKONING

Non-threshold reactions



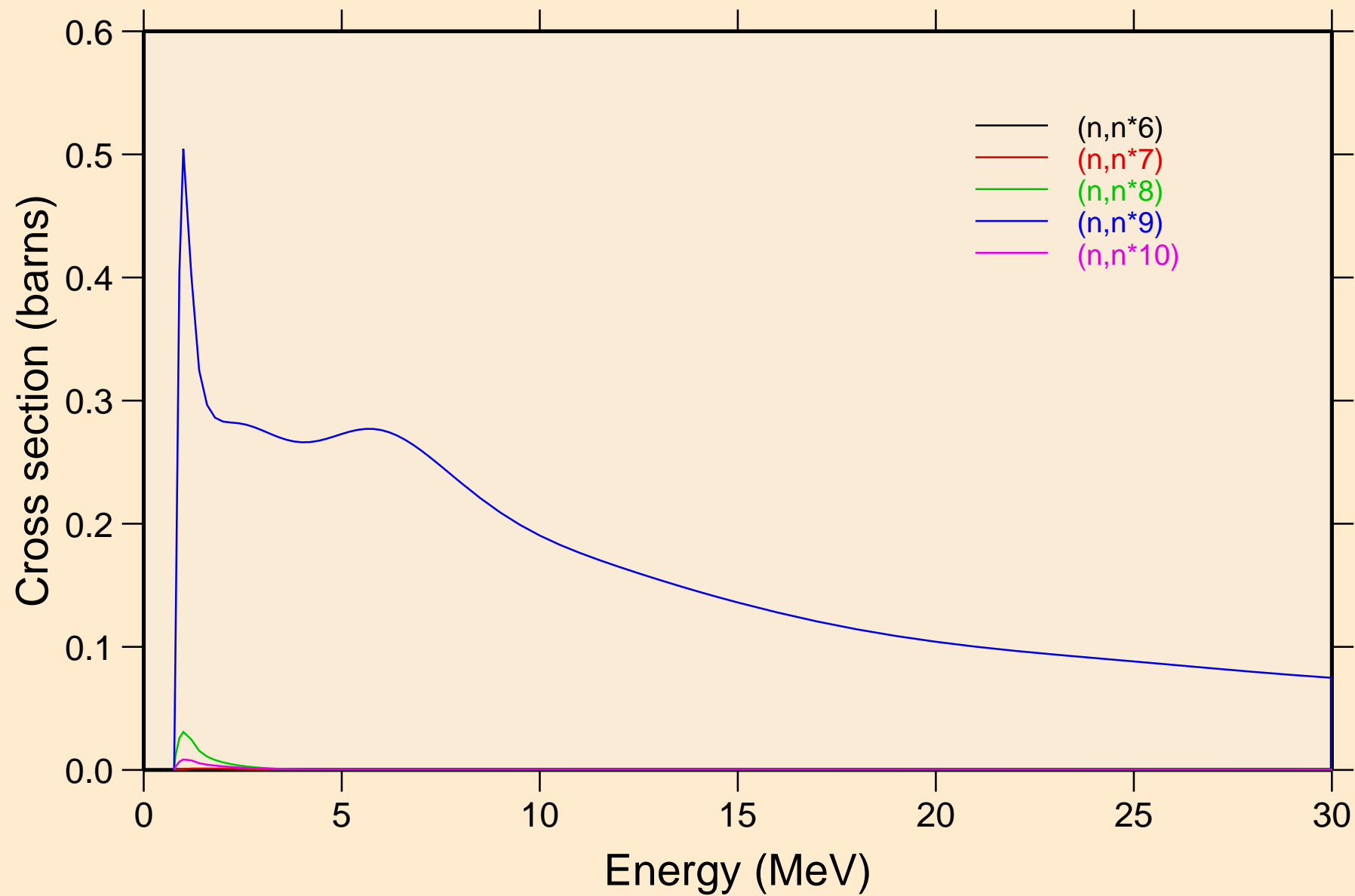
# N-RH112 NRG TENDL-2017, AKONING

## Inelastic levels



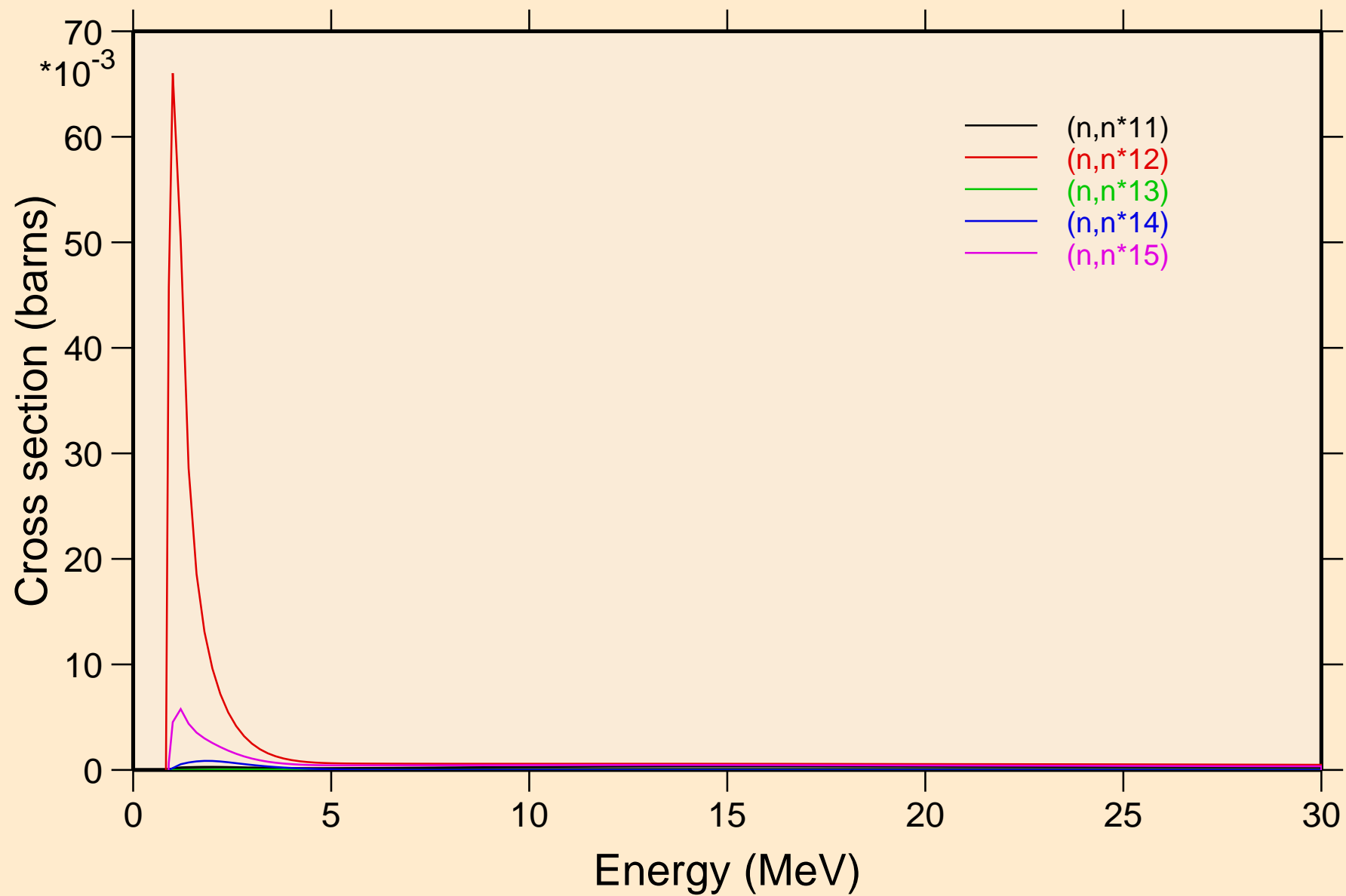
# N-RH112 NRG TENDL-2017, AKONING

Inelastic levels



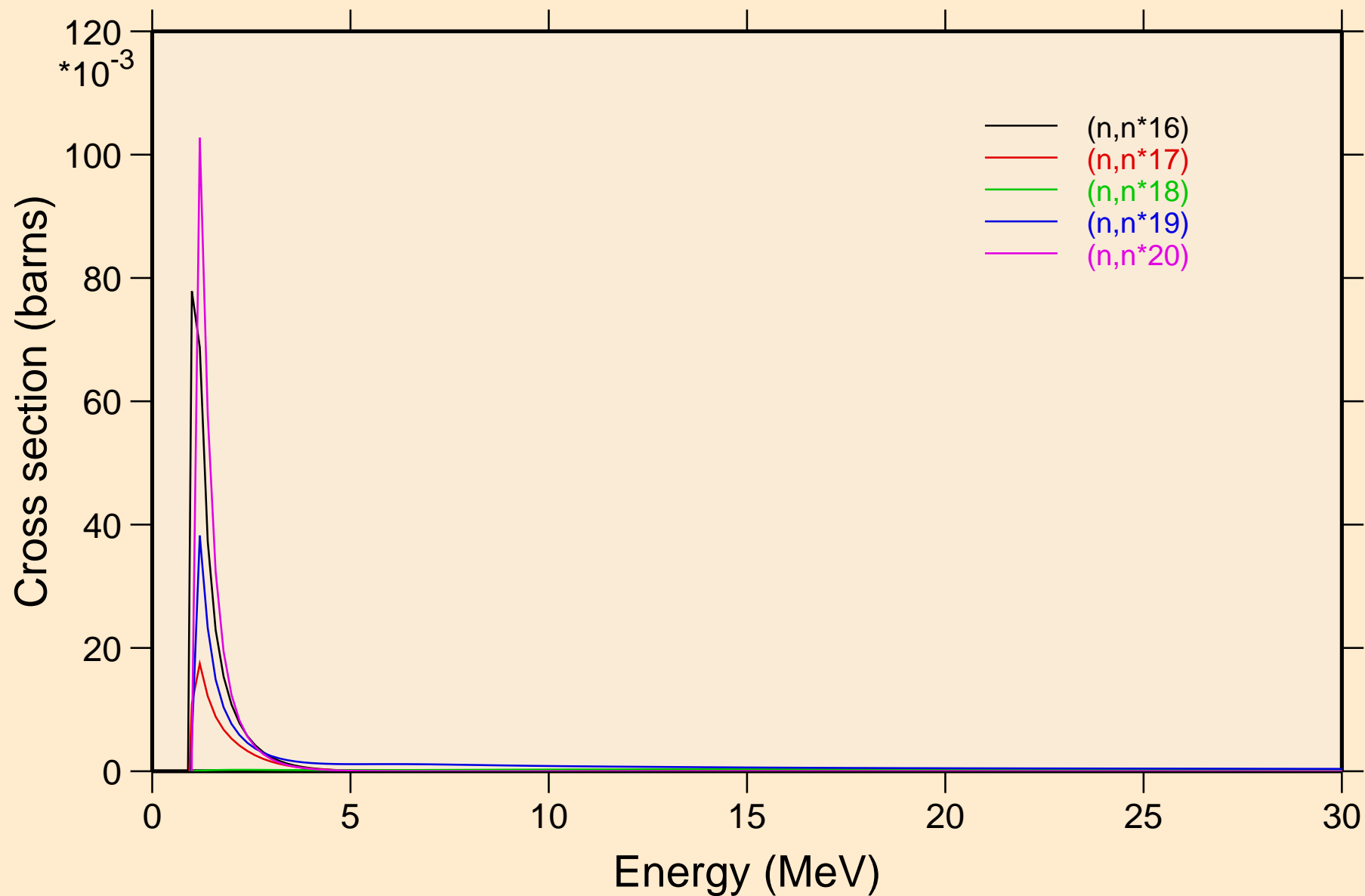
# N-RH112 NRG TENDL-2017, AKONING

## Inelastic levels



# N-RH112 NRG TENDL-2017, AKONING

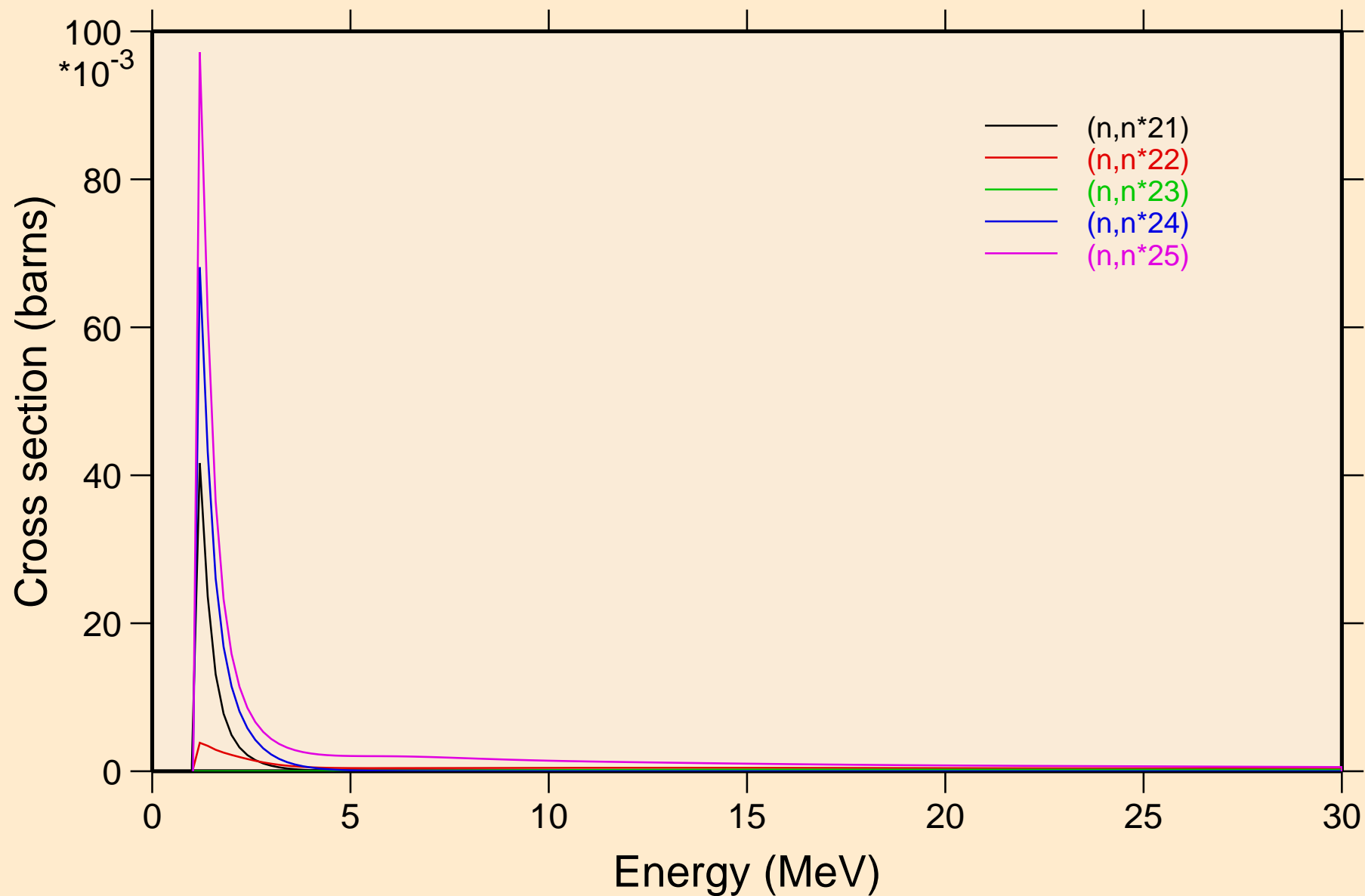
Inelastic levels





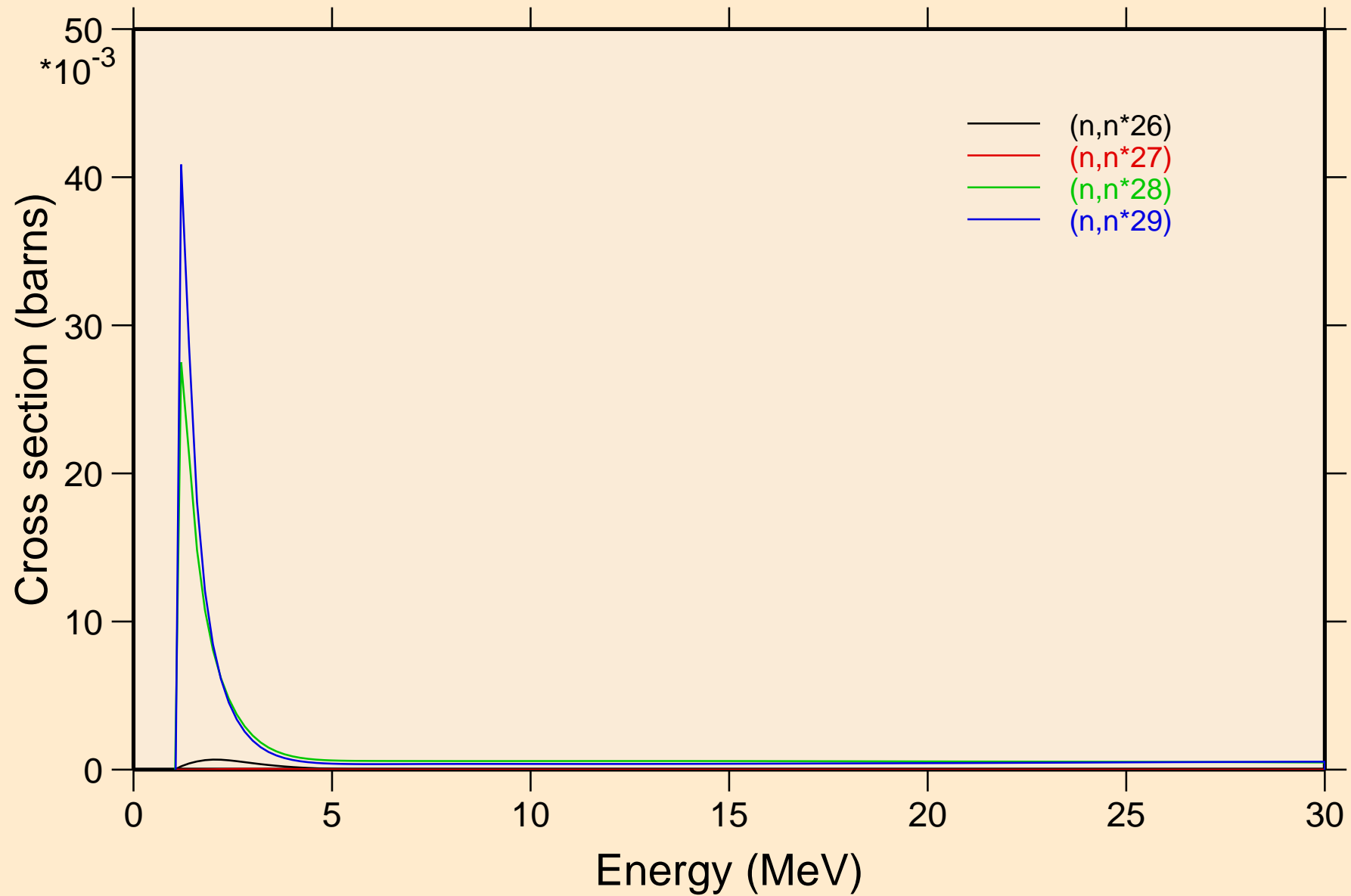
# N-RH112 NRG TENDL-2017, AKONING

## Inelastic levels



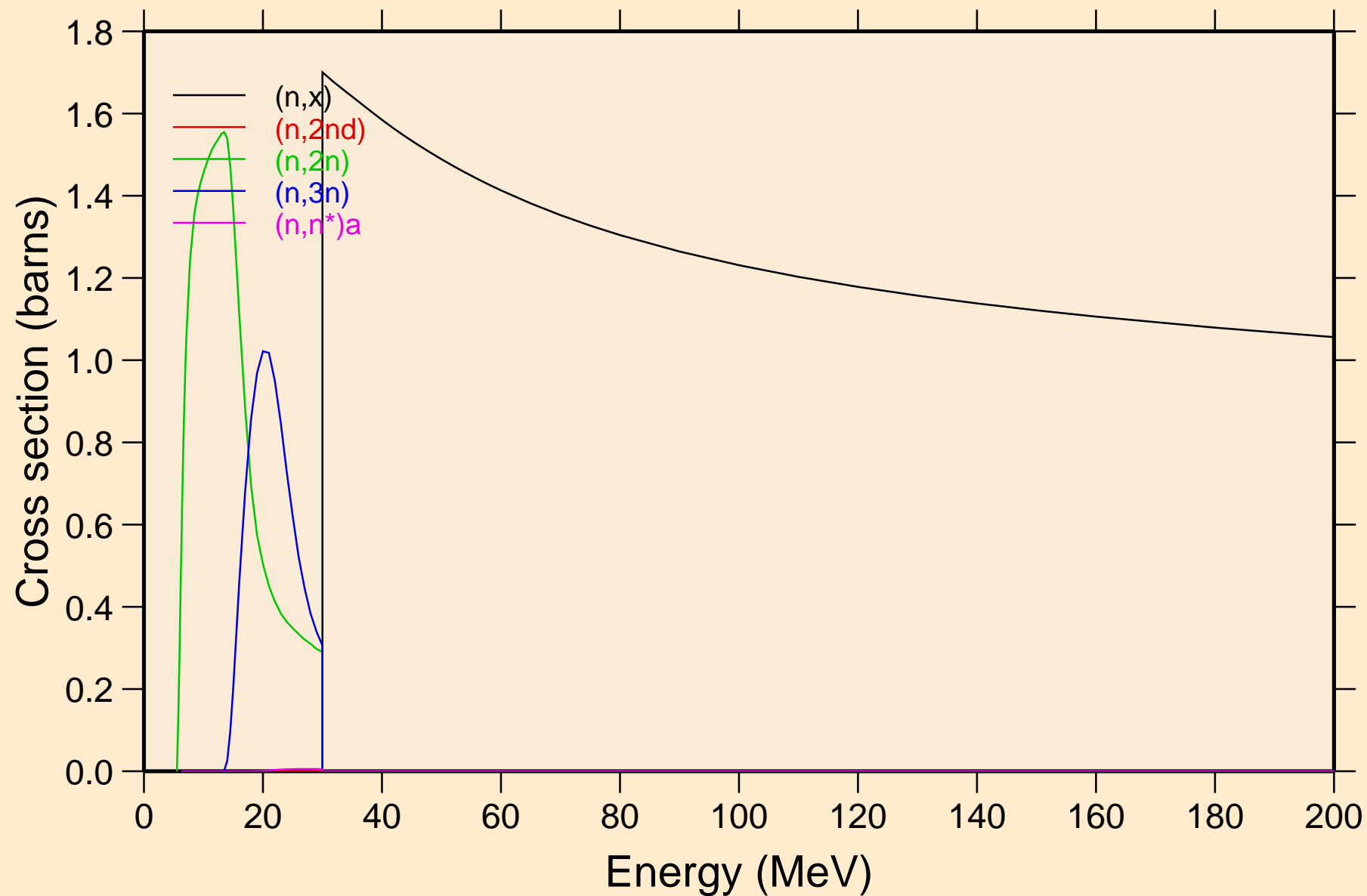
# N-RH112 NRG TENDL-2017, AKONING

## Inelastic levels



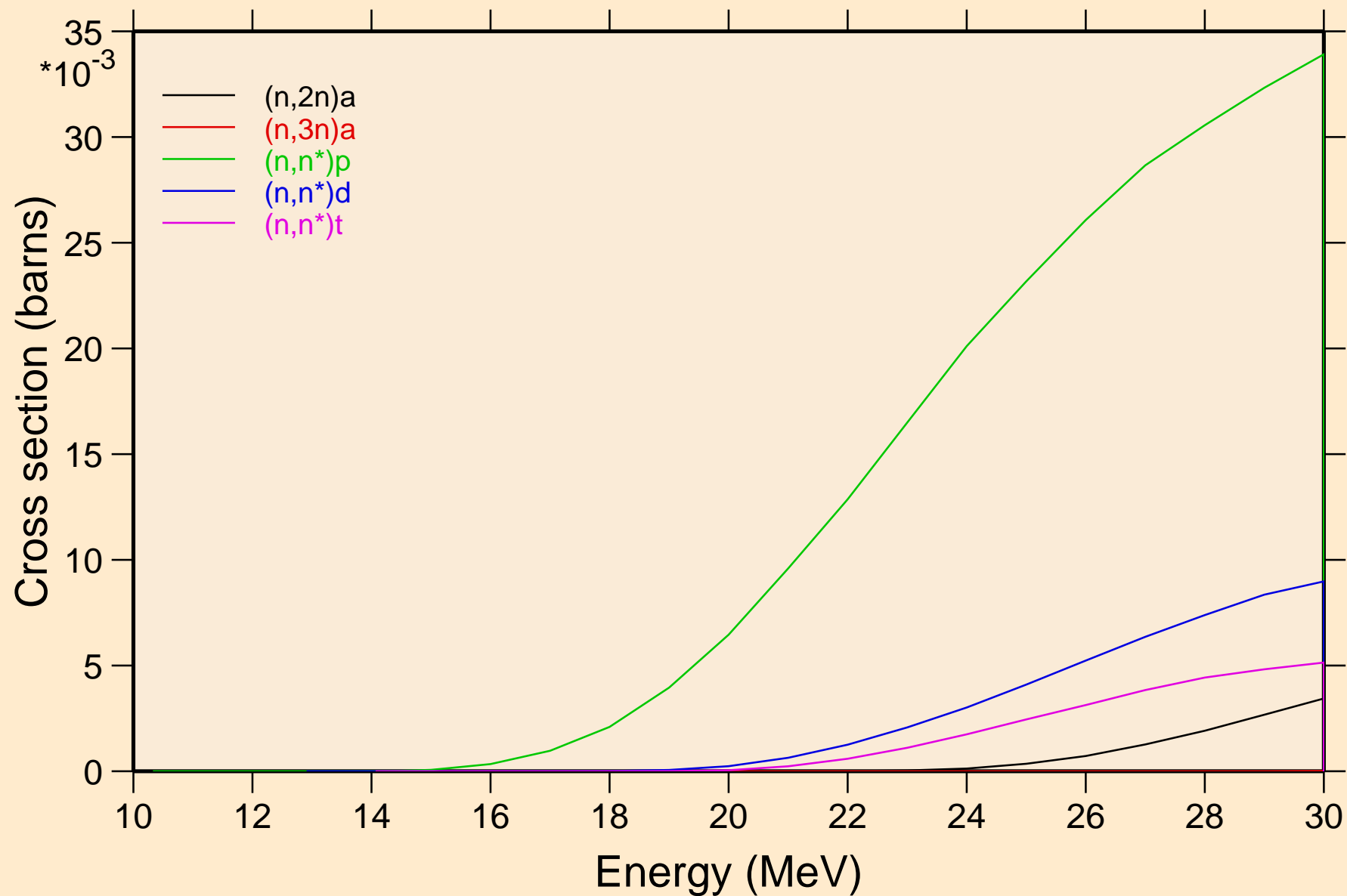
# N-RH112 NRG TENDL-2017, AKONING

## Threshold reactions



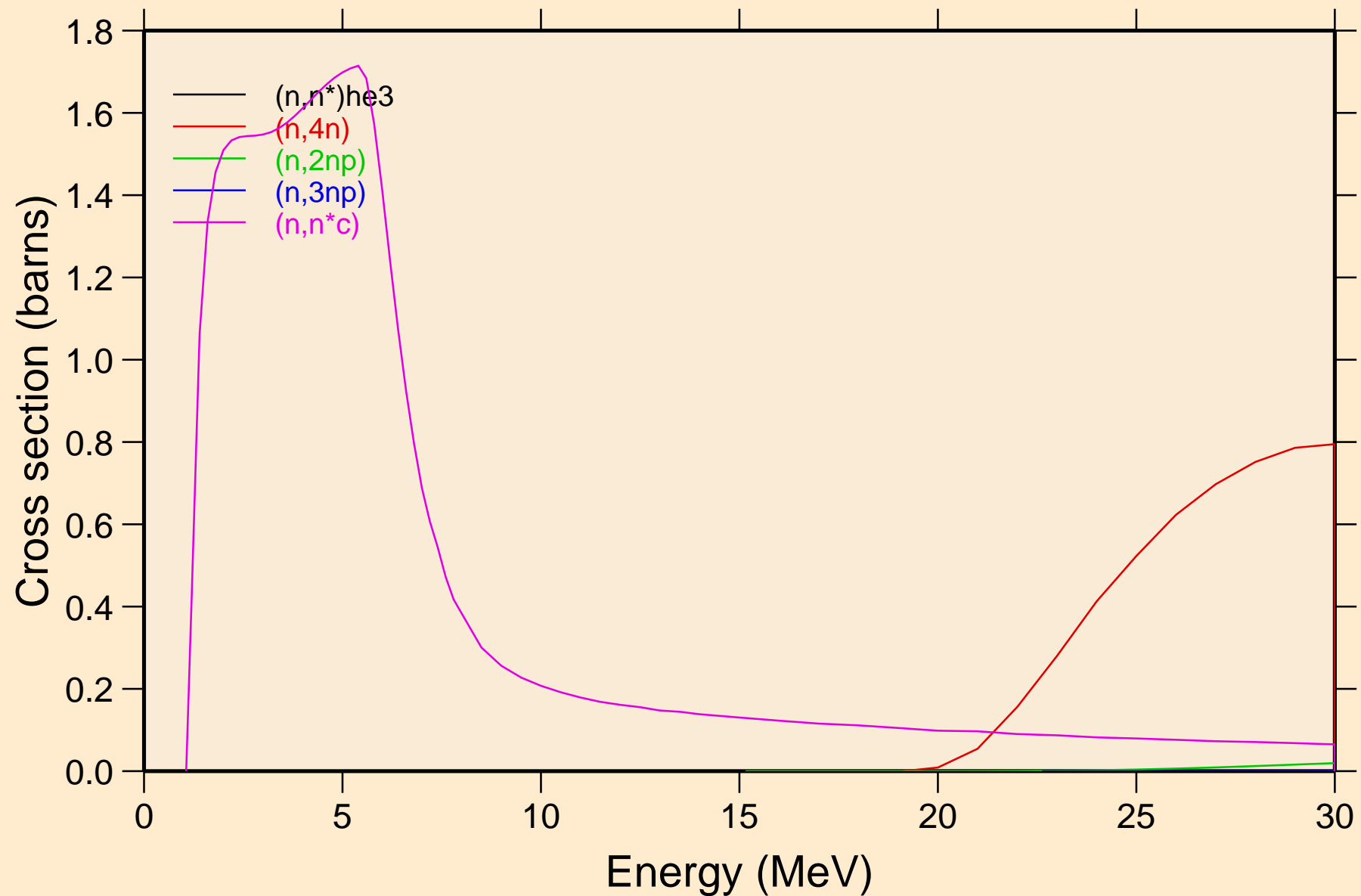
# N-RH112 NRG TENDL-2017, AKONING

## Threshold reactions



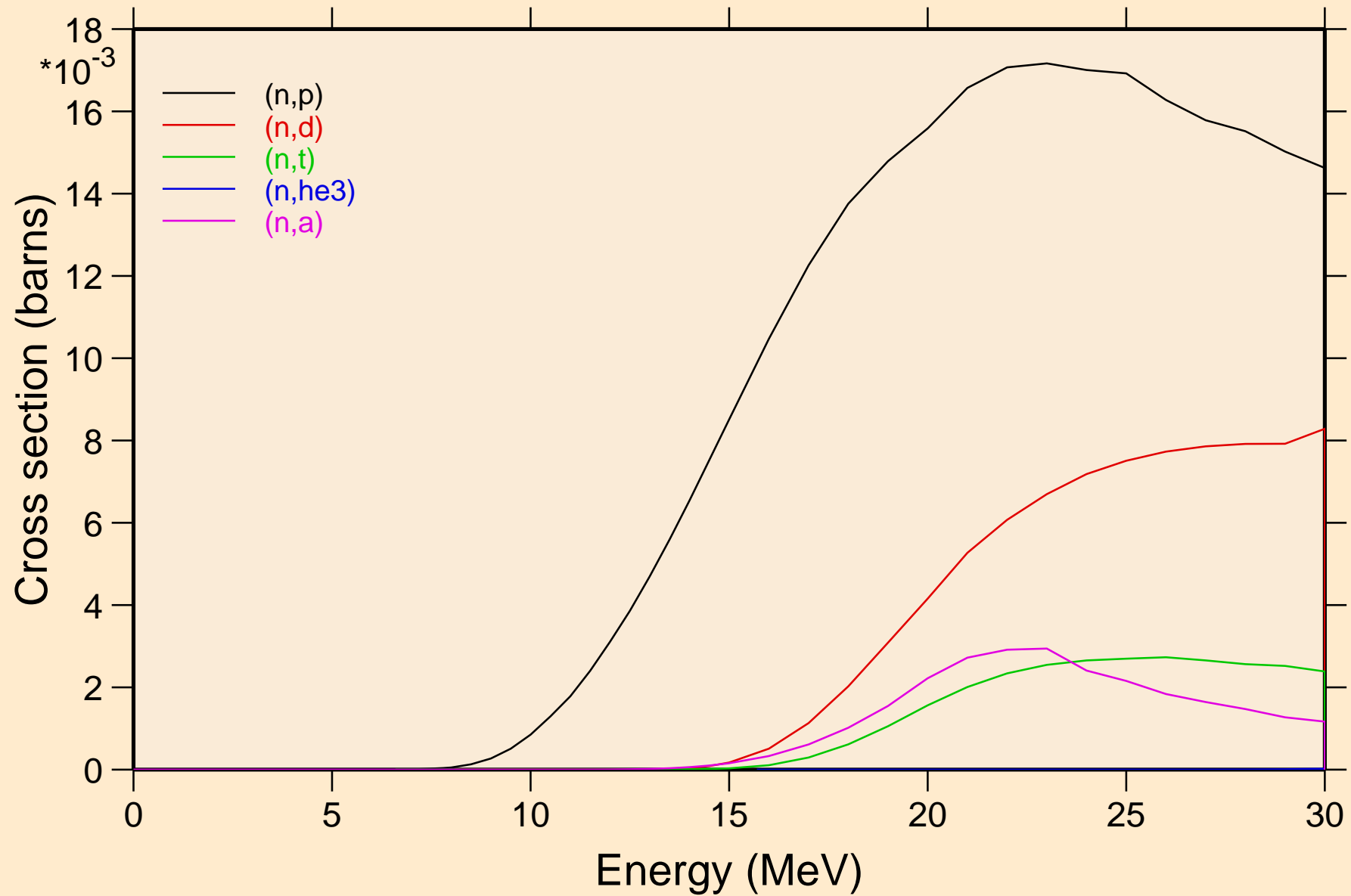
# N-RH112 NRG TENDL-2017, AKONING

## Threshold reactions



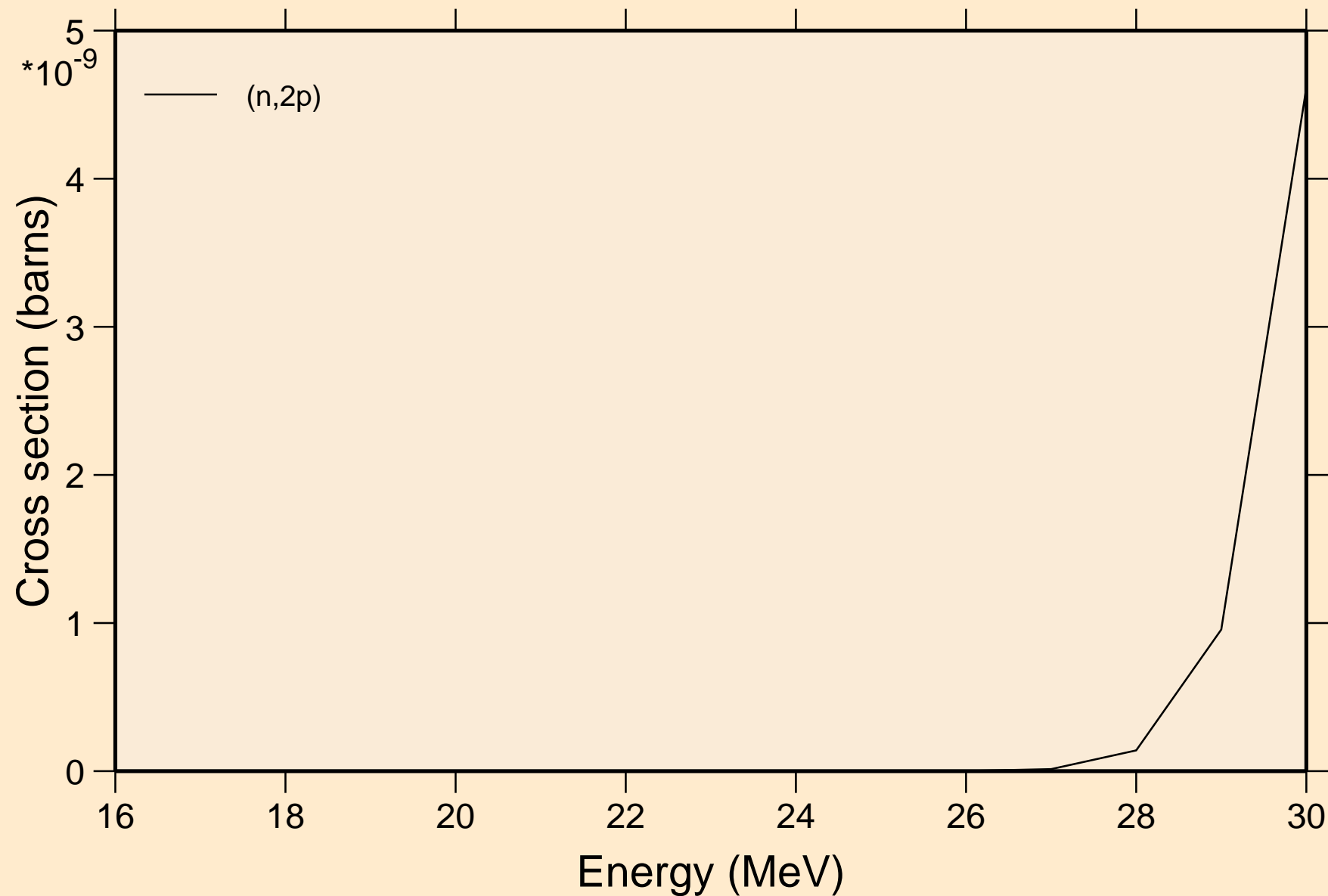
# N-RH112 NRG TENDL-2017, AKONING

## Threshold reactions

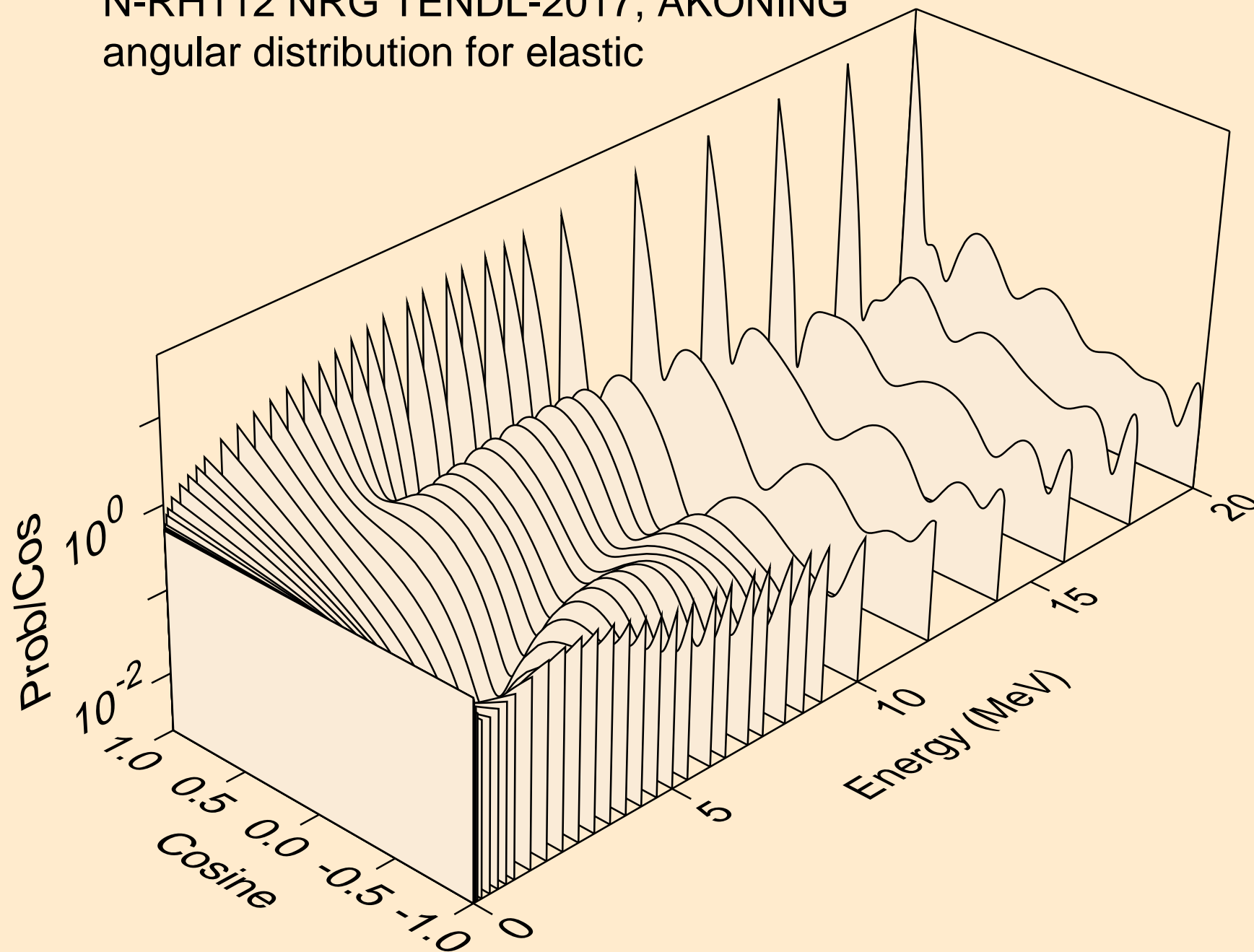


# N-RH112 NRG TENDL-2017, AKONING

Threshold reactions

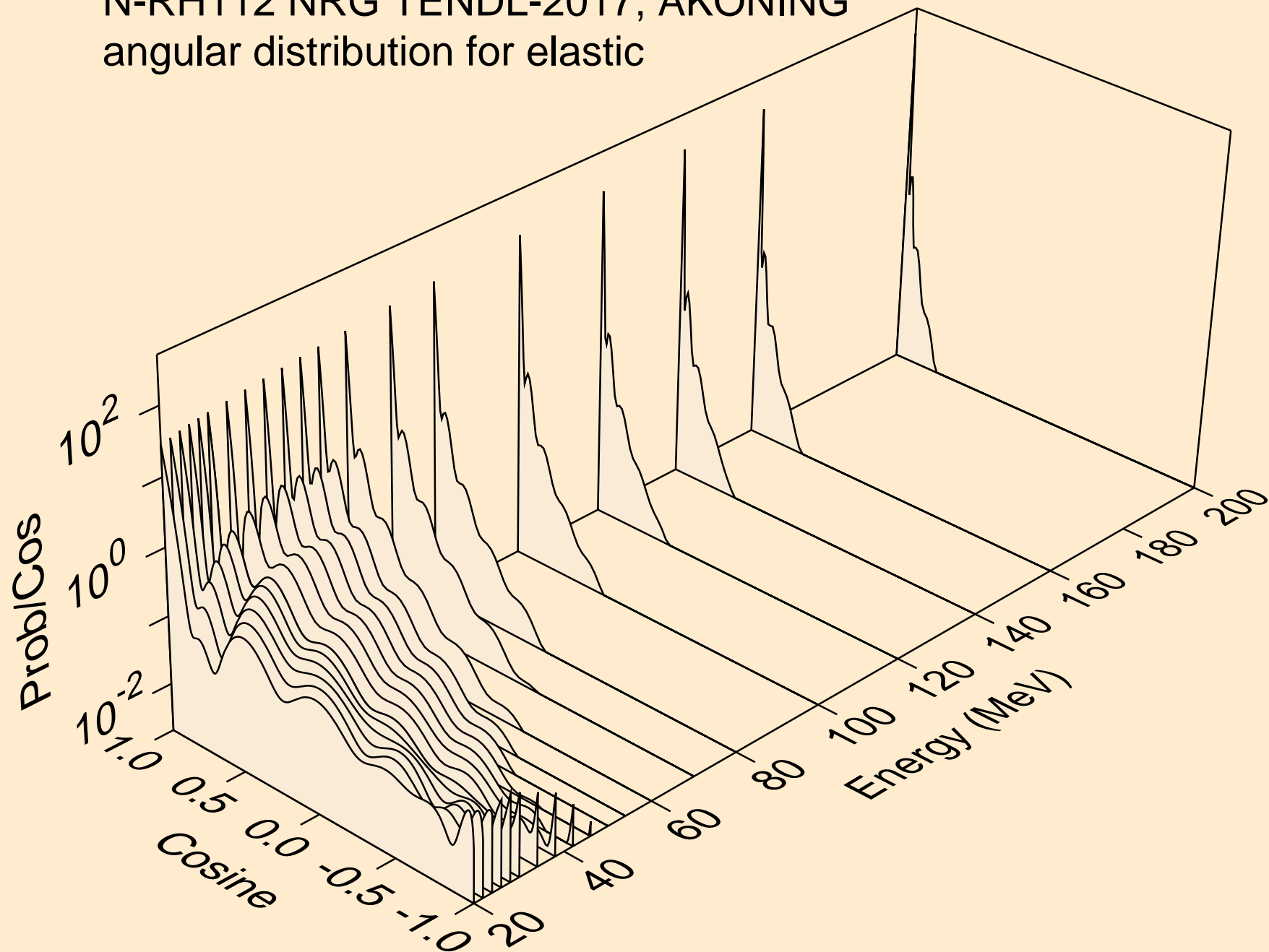


N-RH112 NRG TENDL-2017, AKONING  
angular distribution for elastic

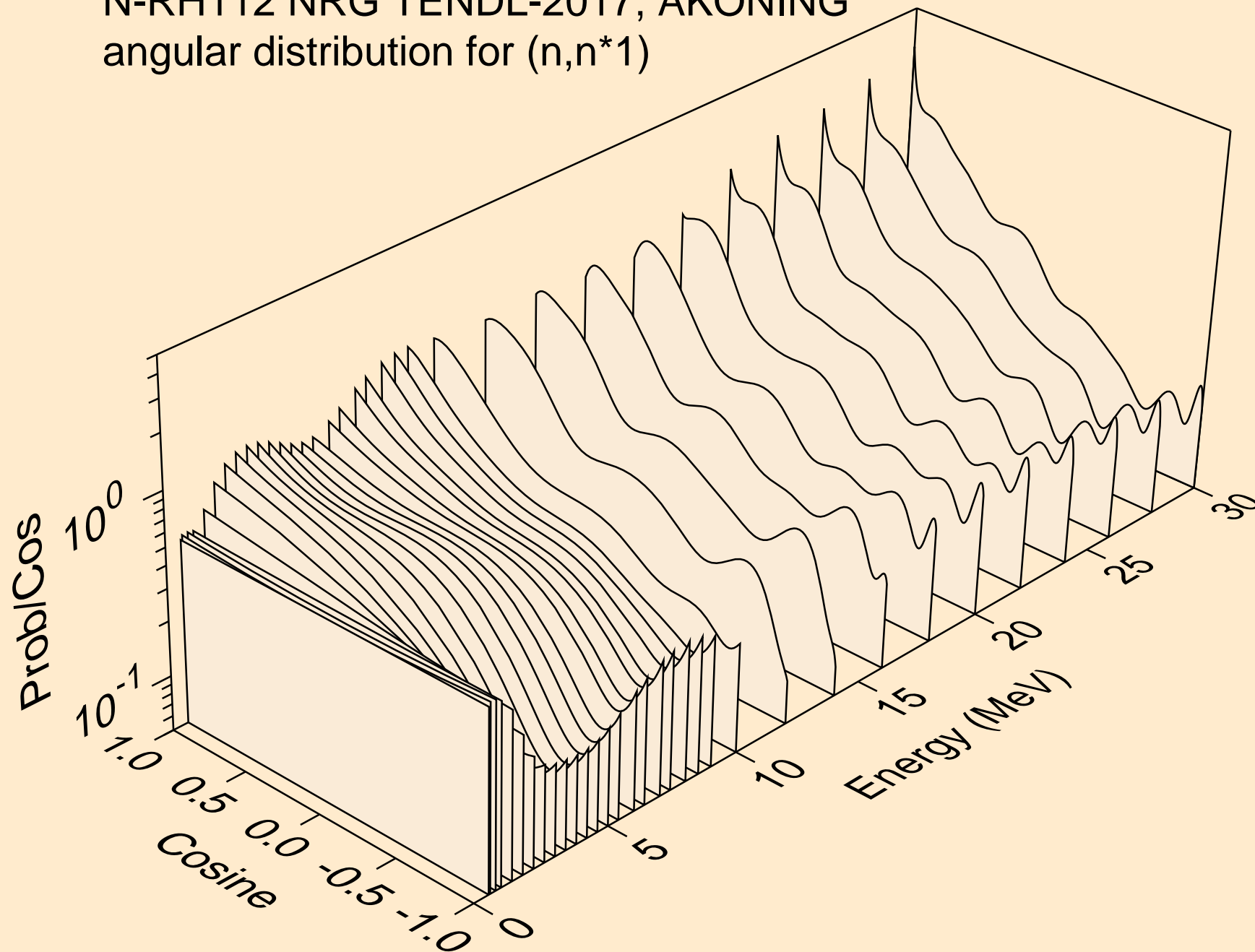




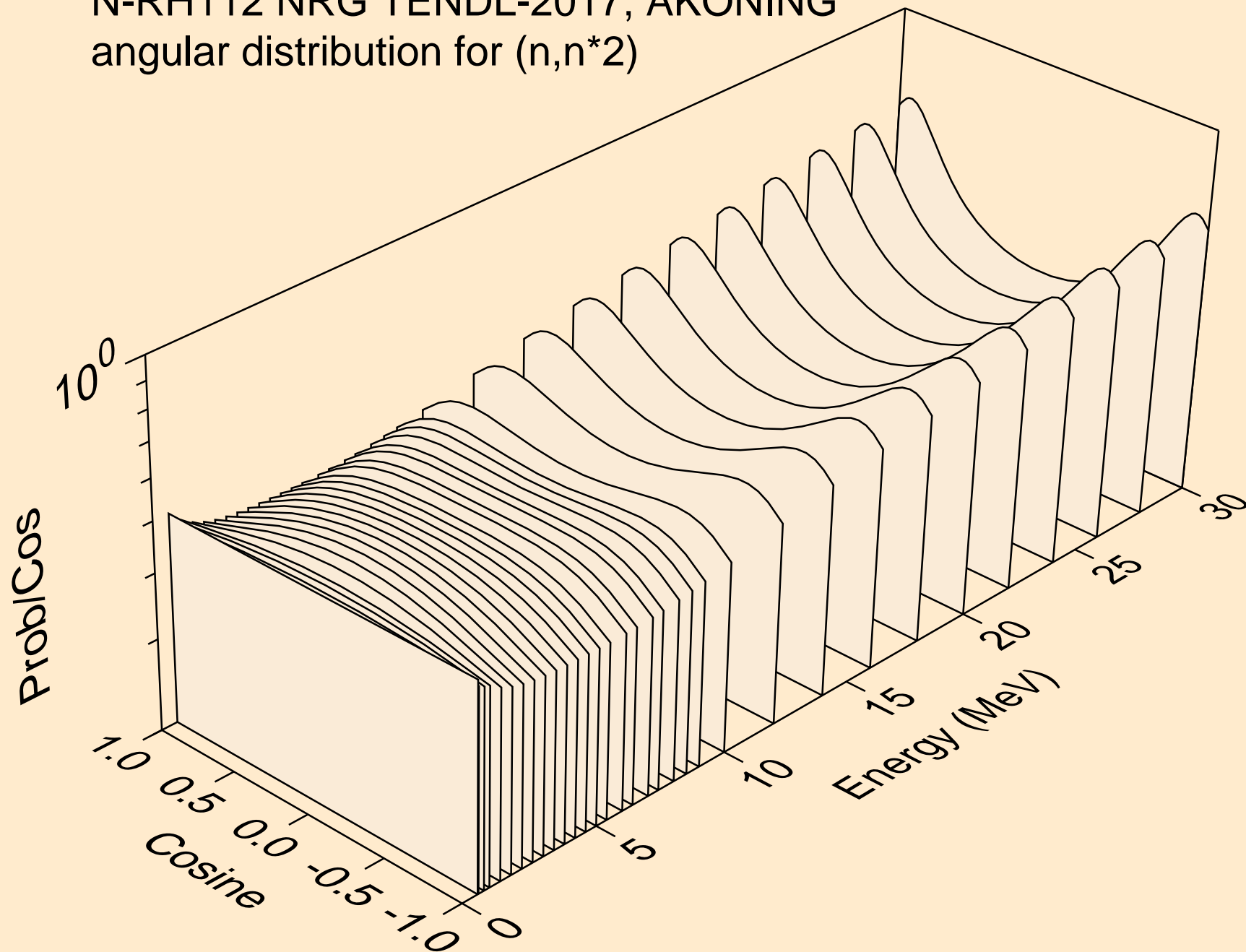
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for elastic



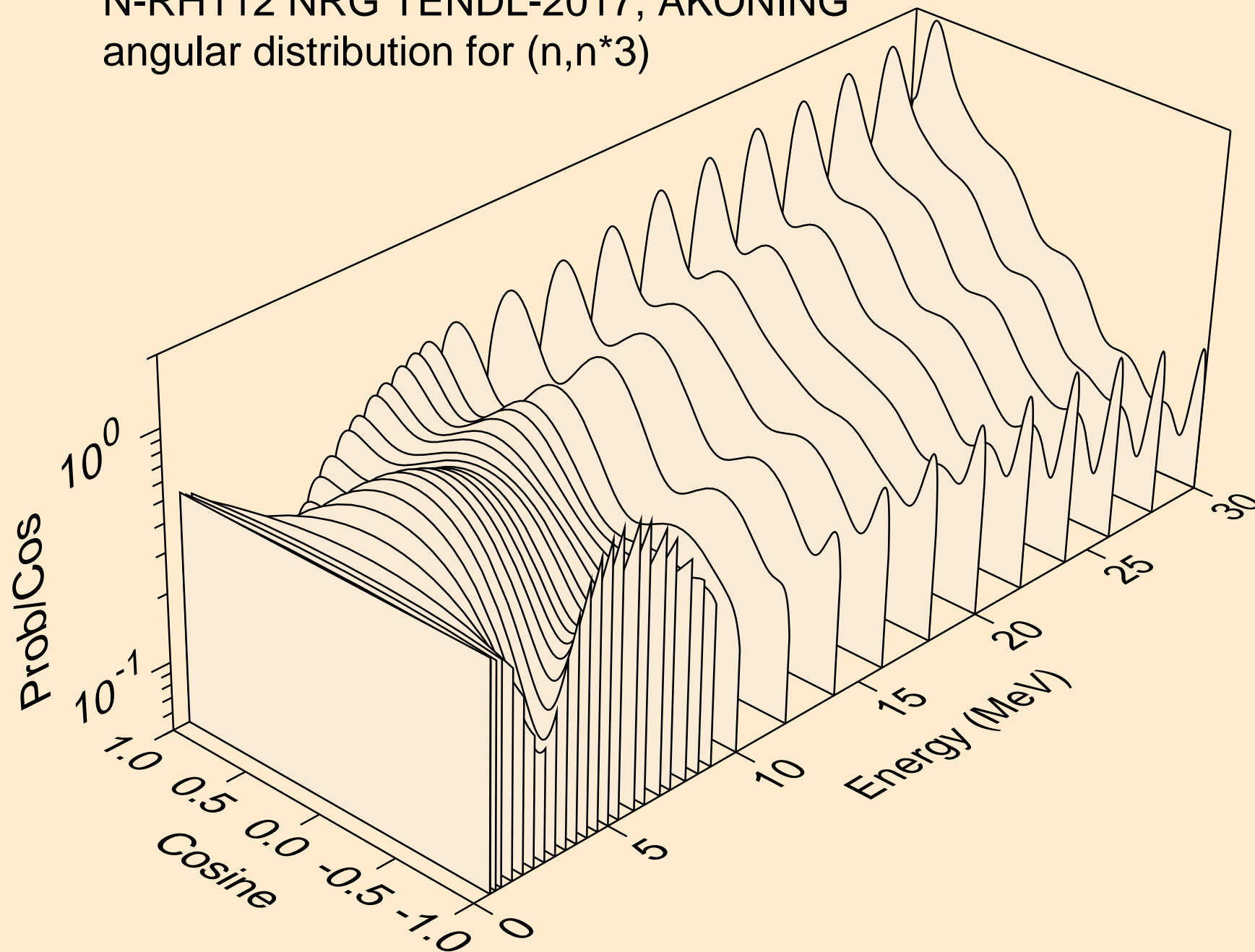
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*1)



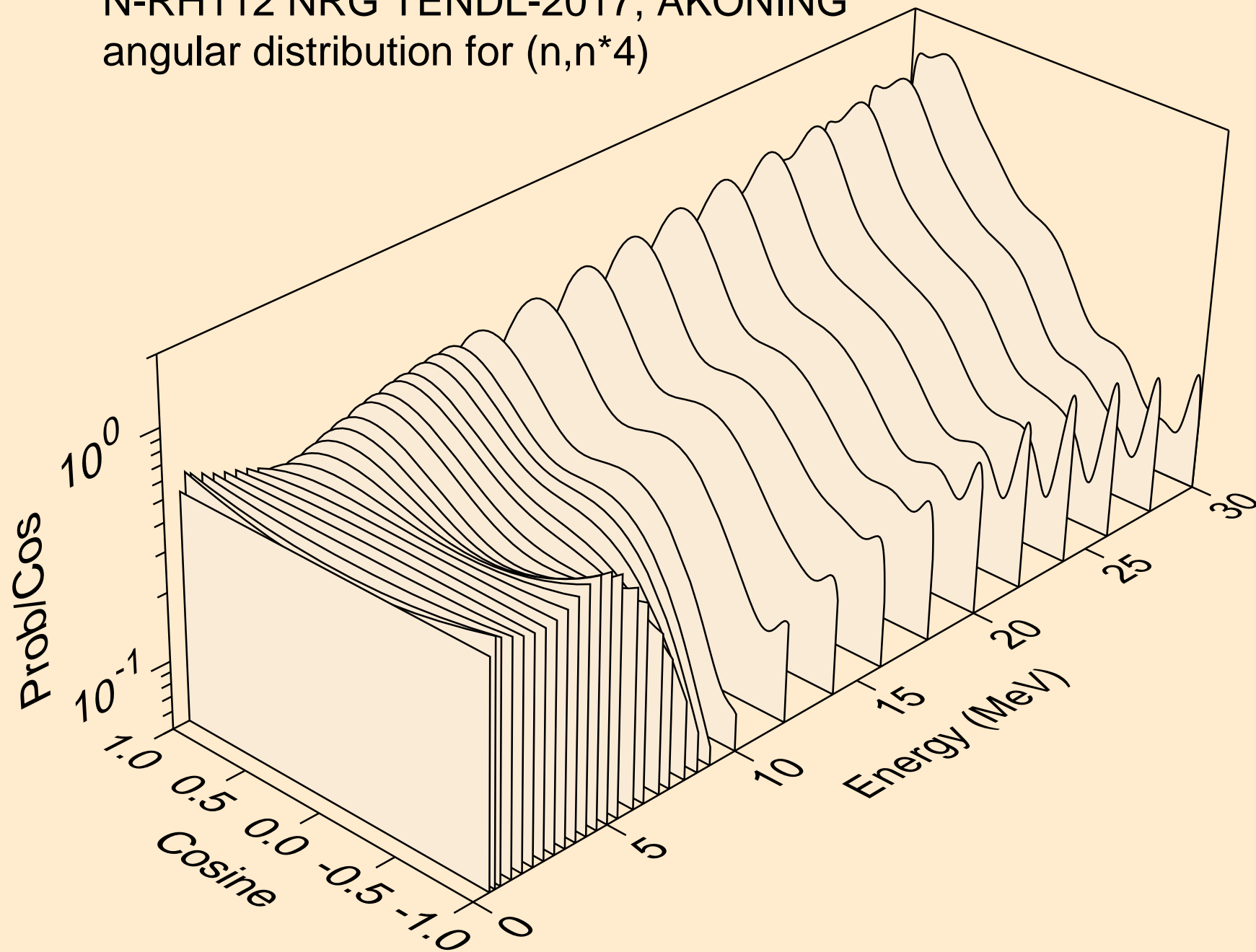
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*2)



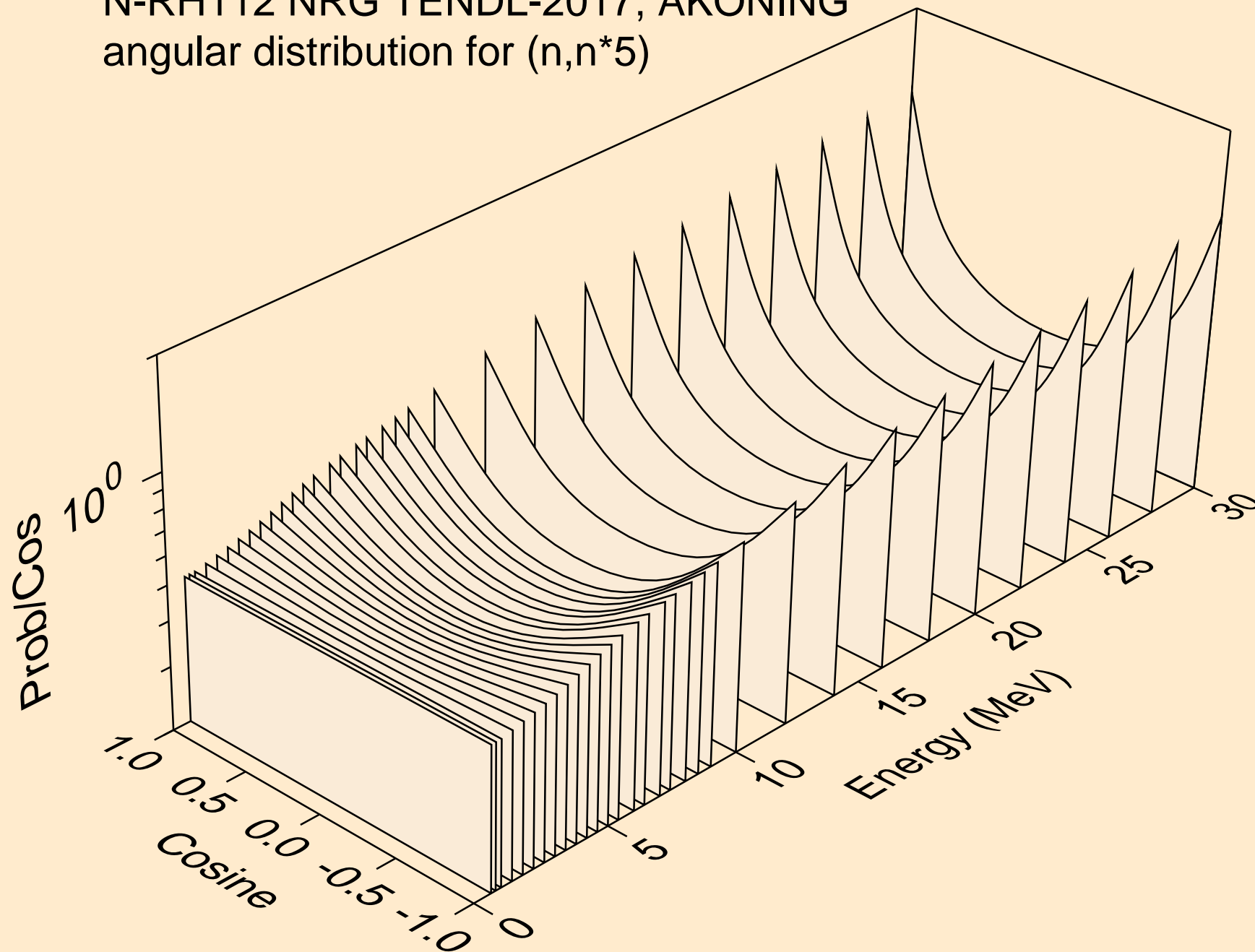
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*3)



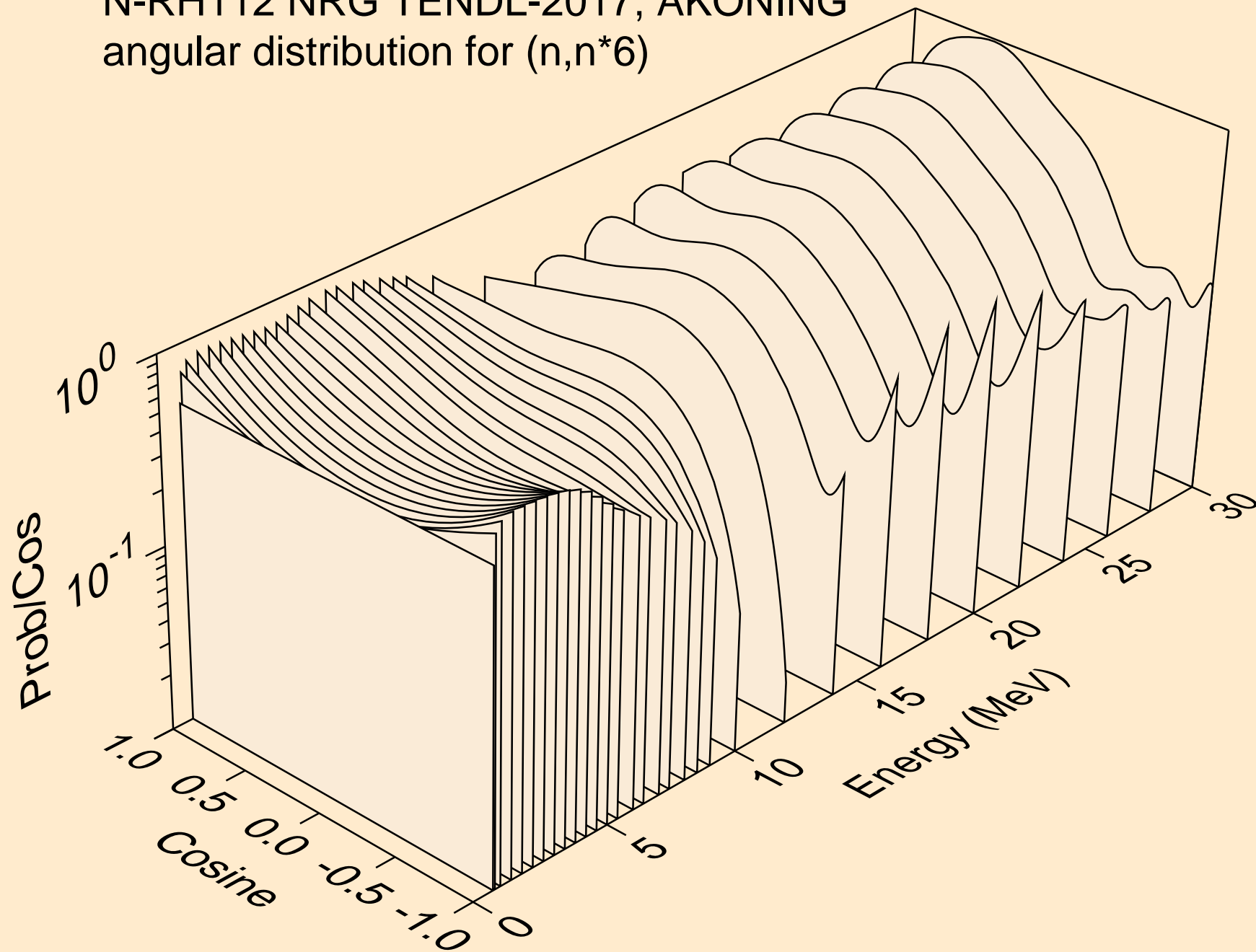
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*4)



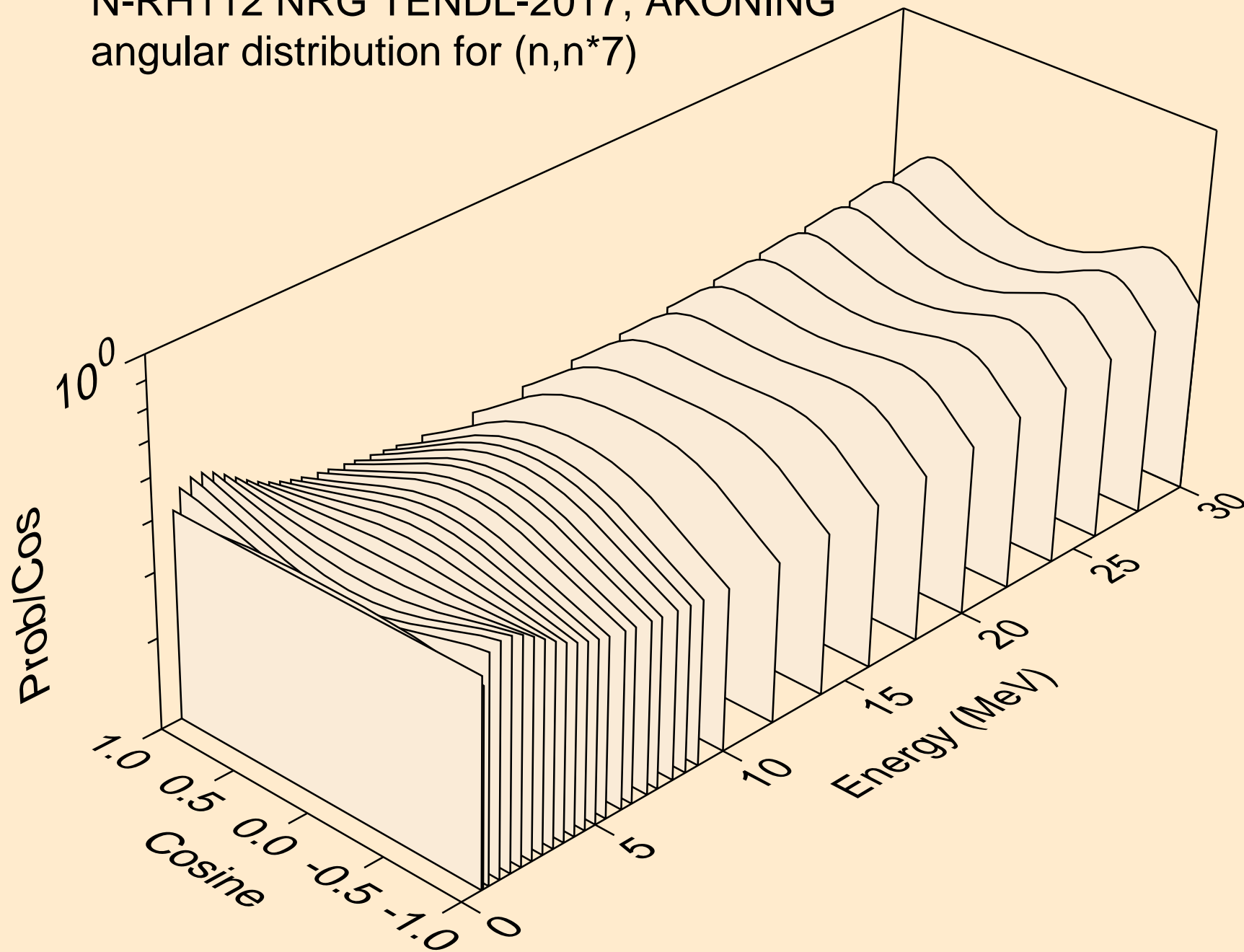
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*5)



N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*6)

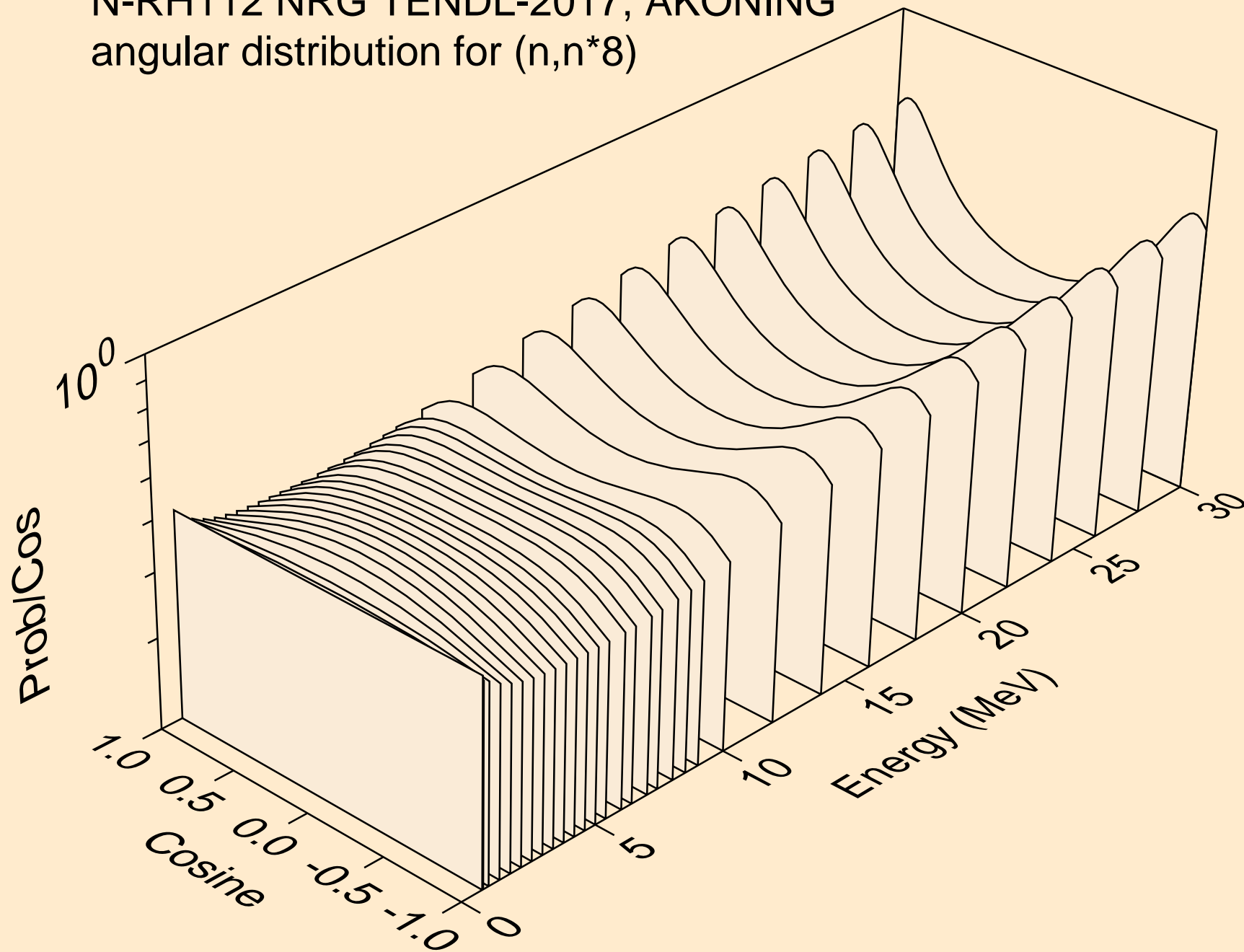


N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*7)

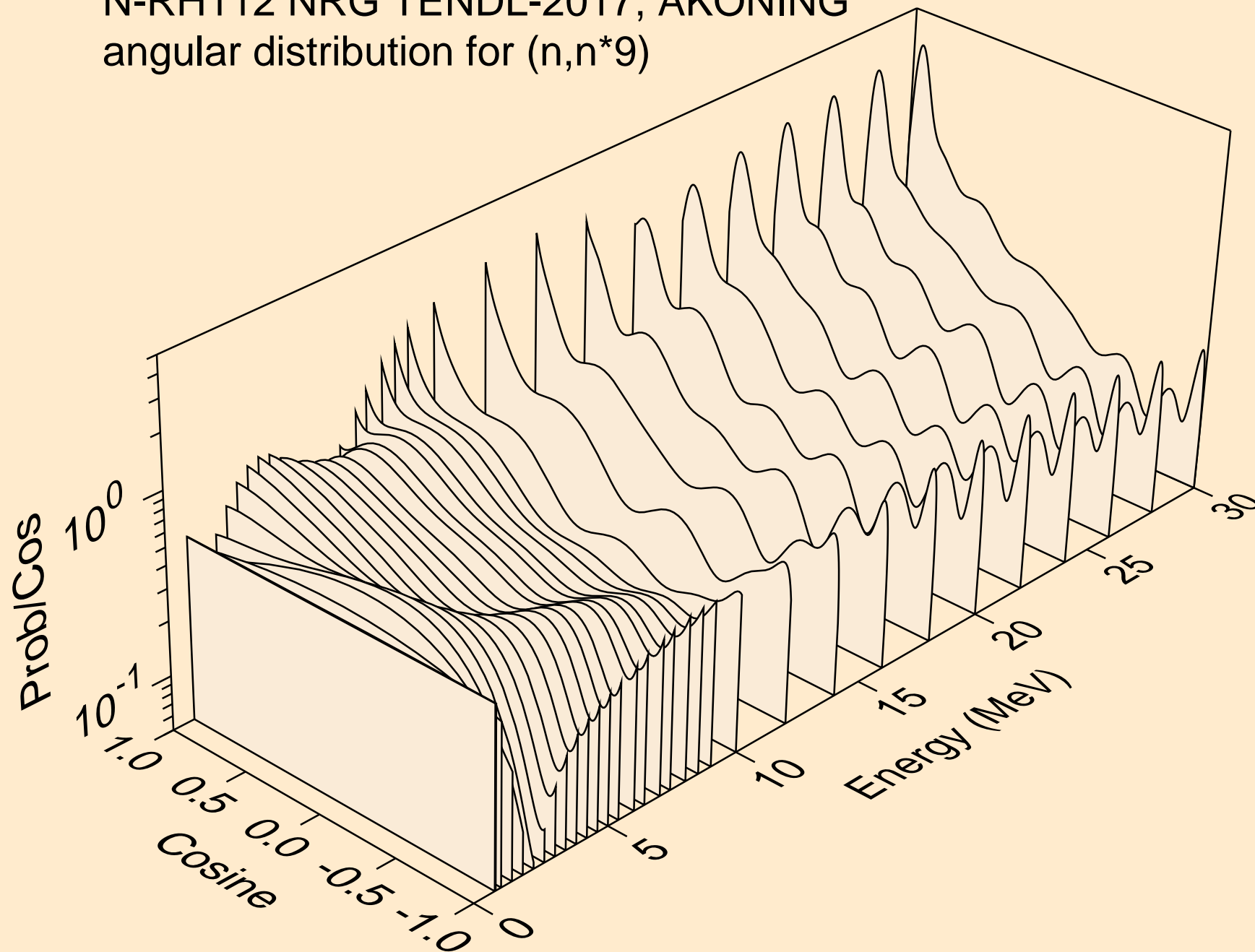




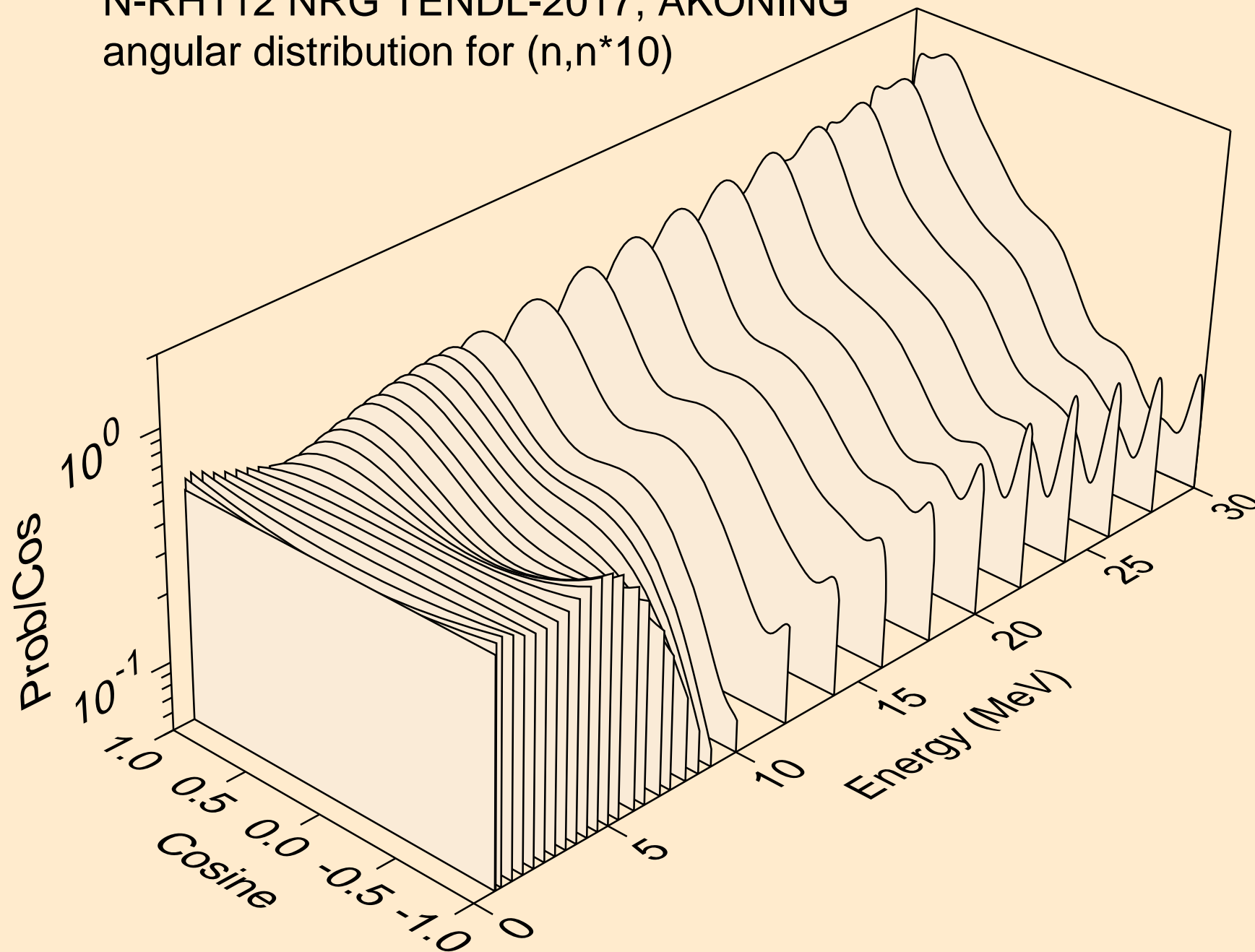
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*8)



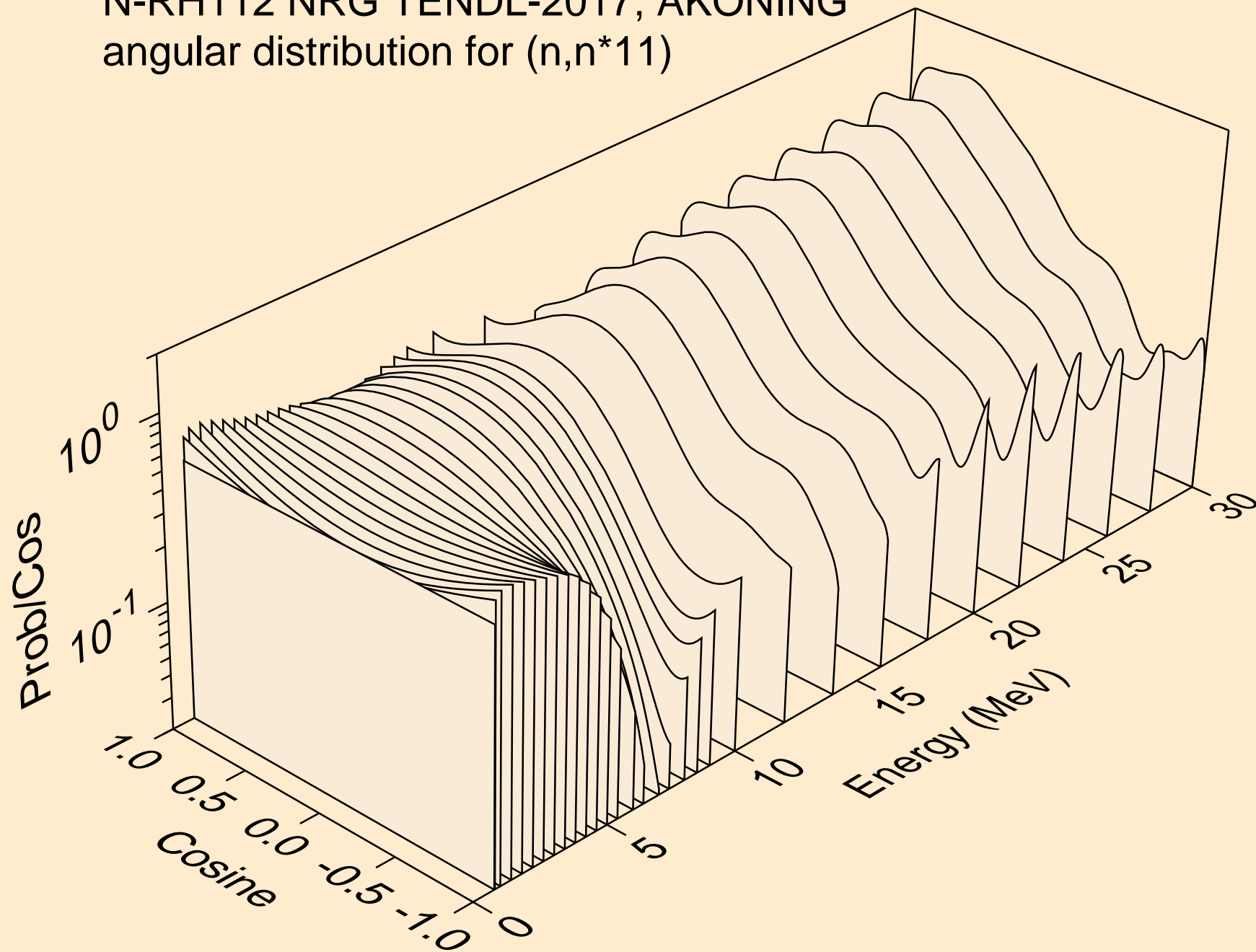
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angular distribution for (n,n\*9)



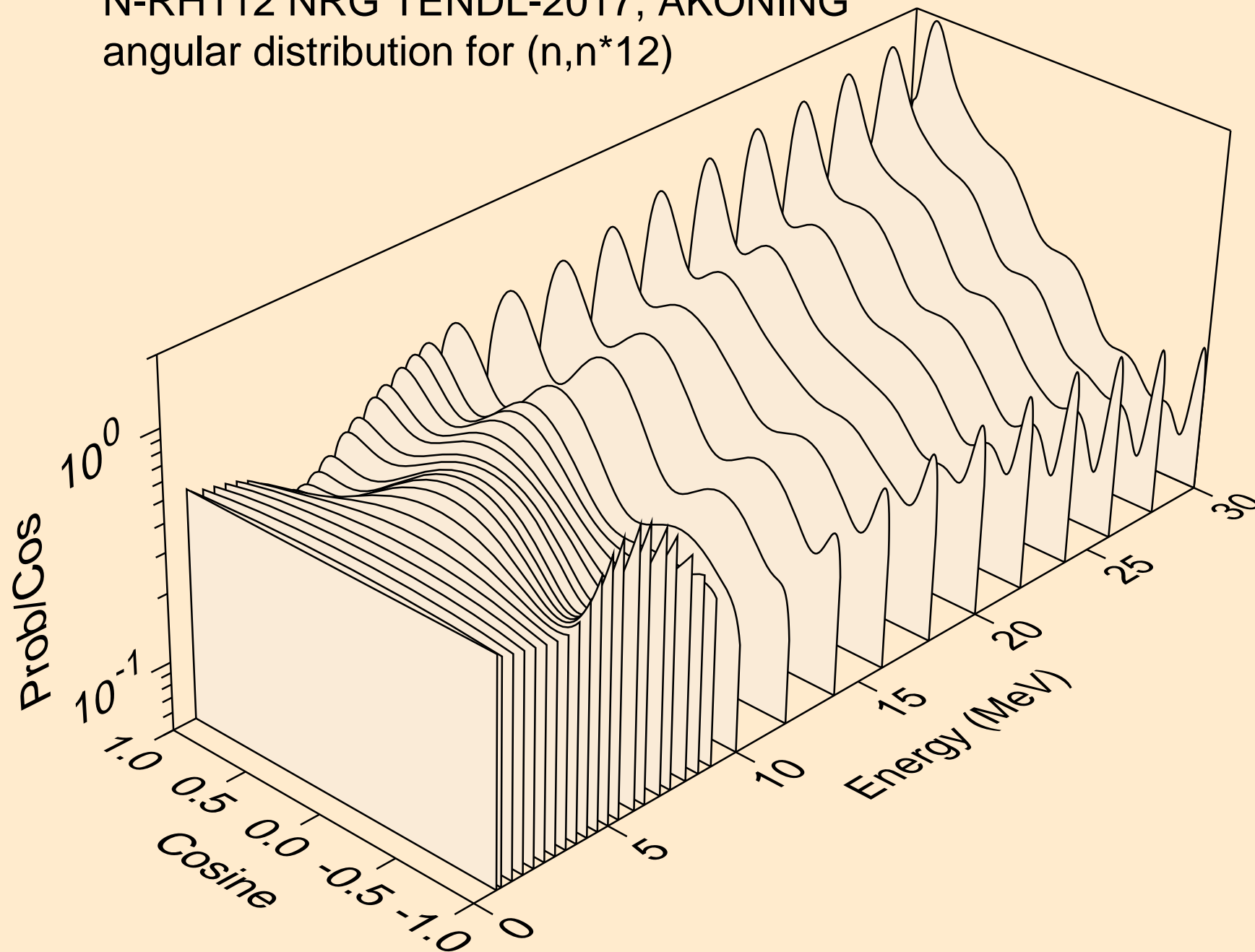
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angular distribution for (n,n\*10)



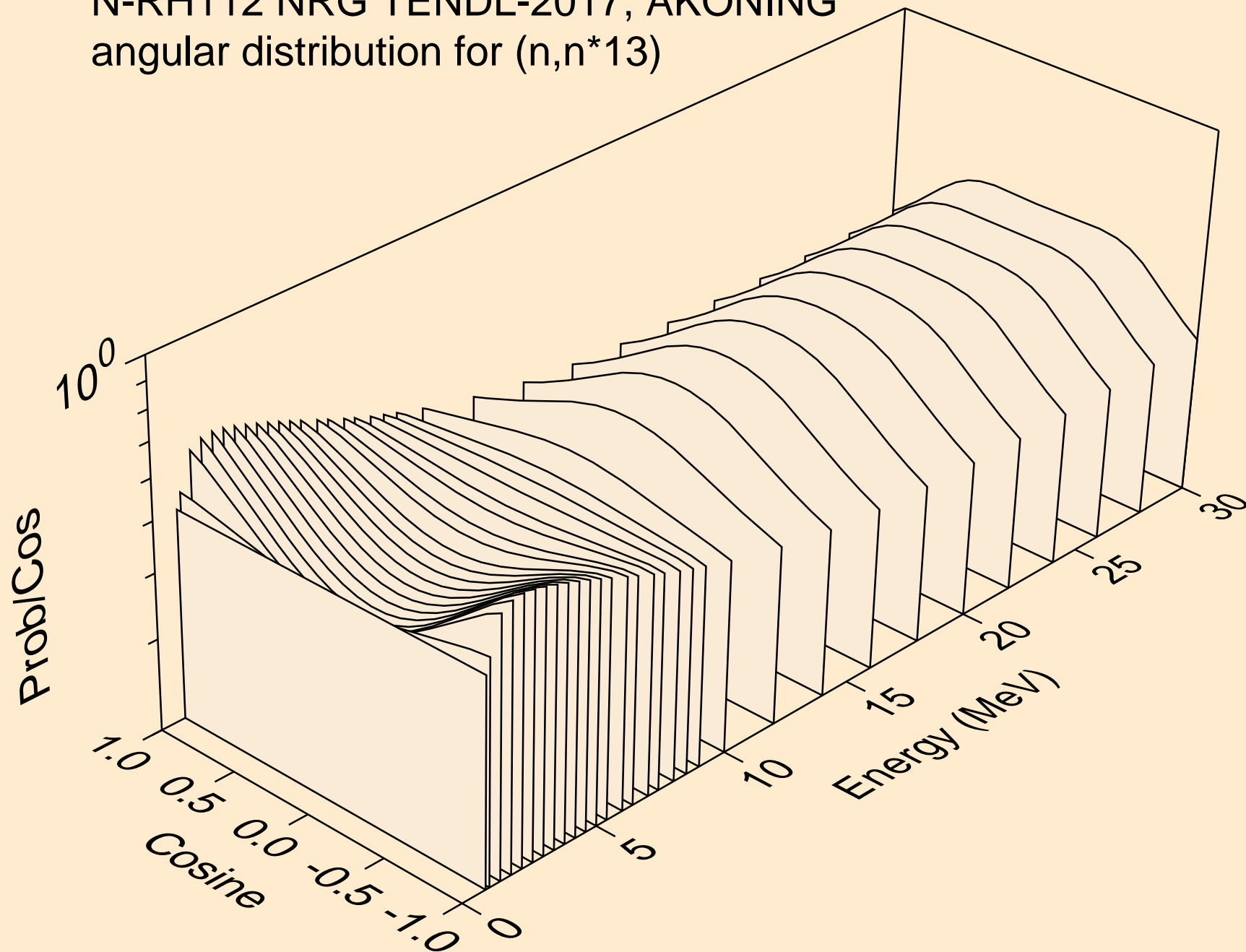
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angular distribution for (n,n\*11)



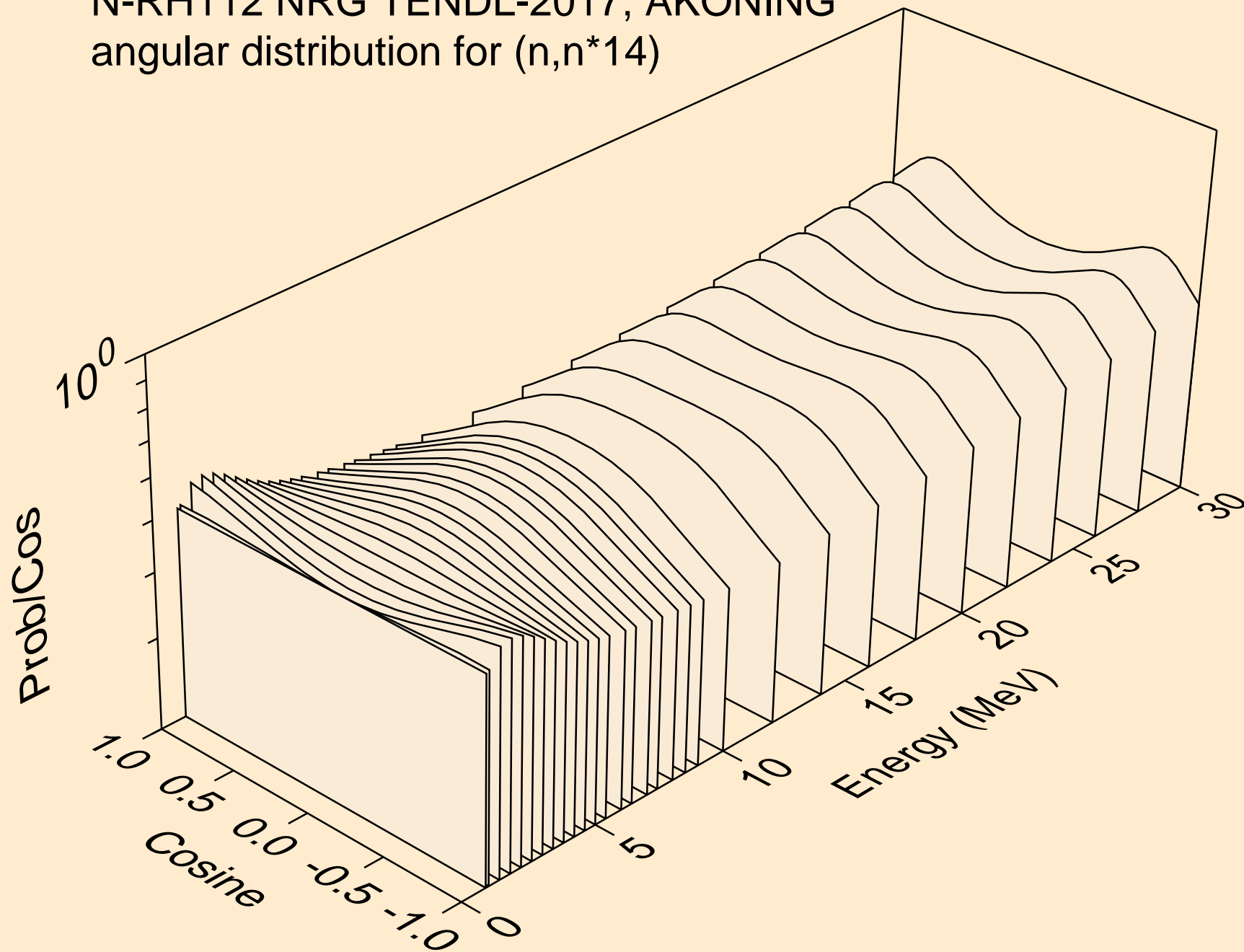
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angular distribution for (n,n\*12)



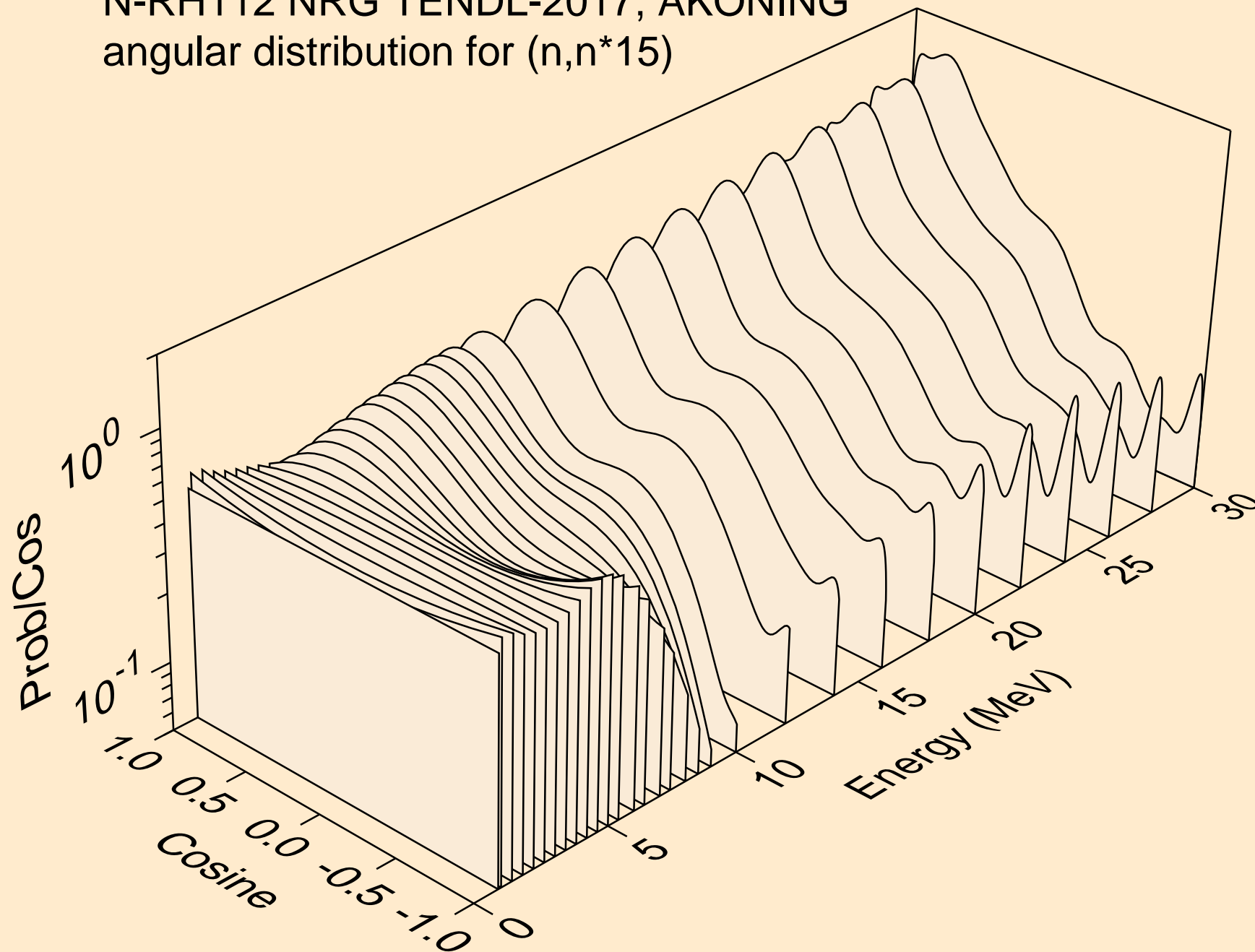
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*13)



N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*14)

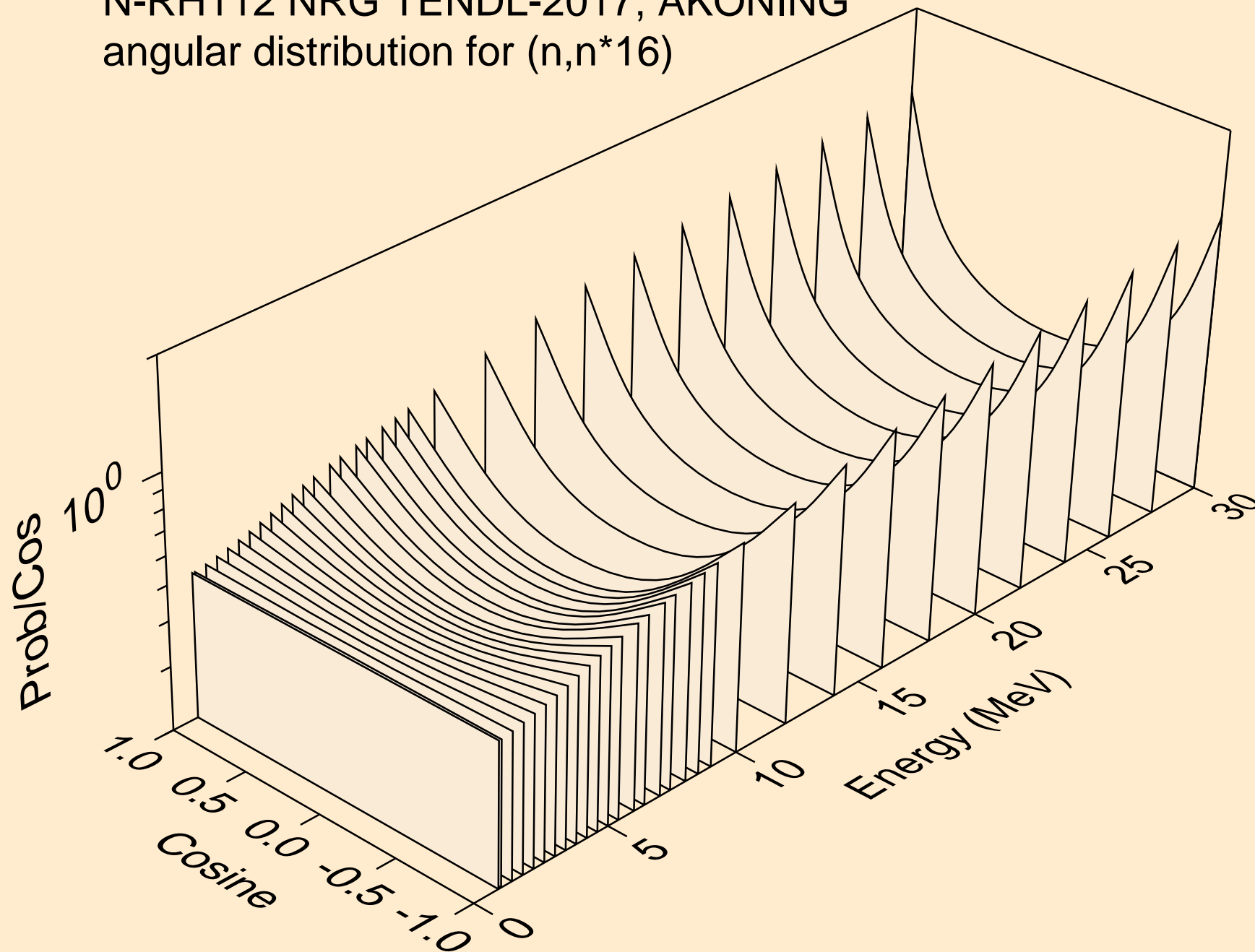


N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*15)

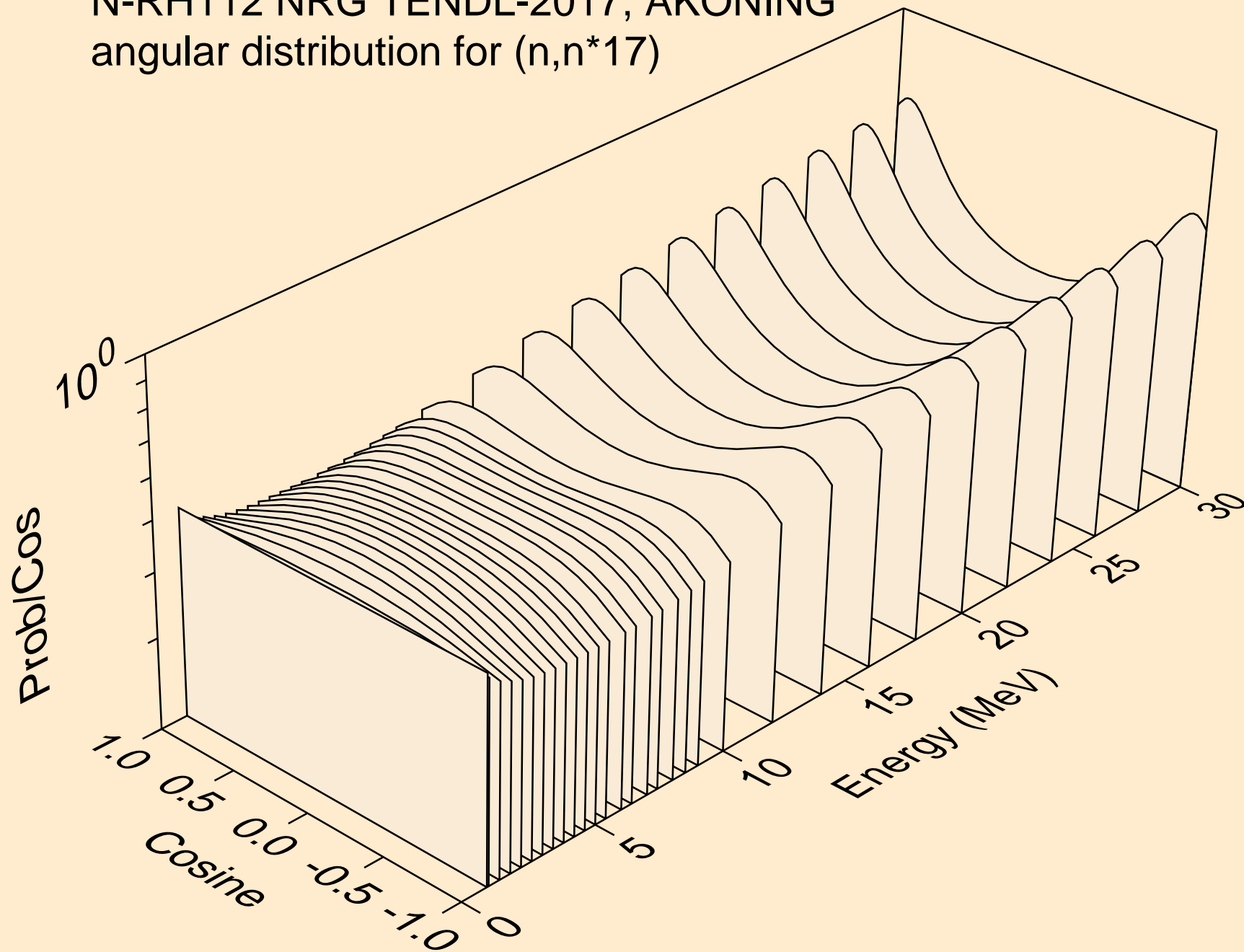




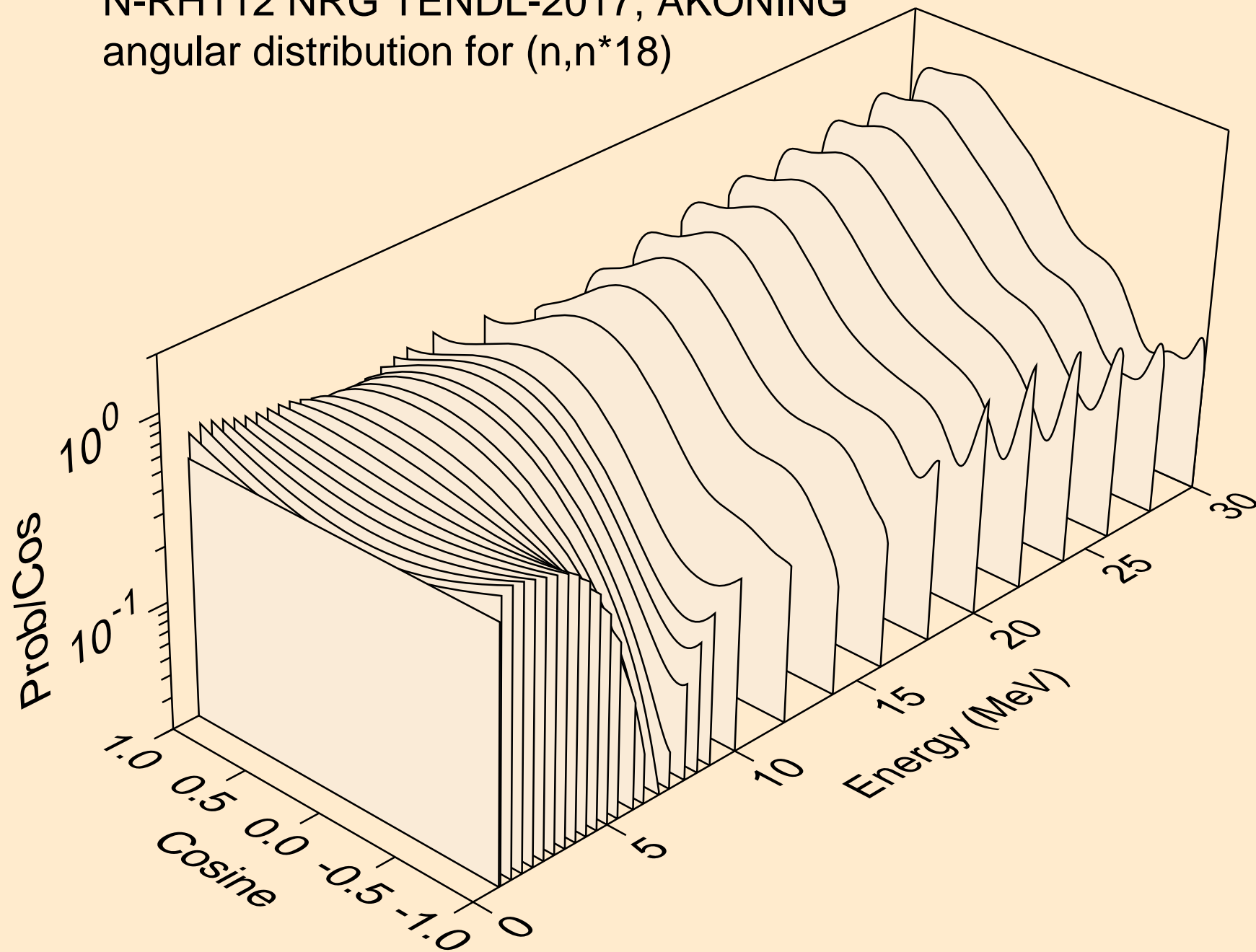
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angular distribution for (n,n\*16)



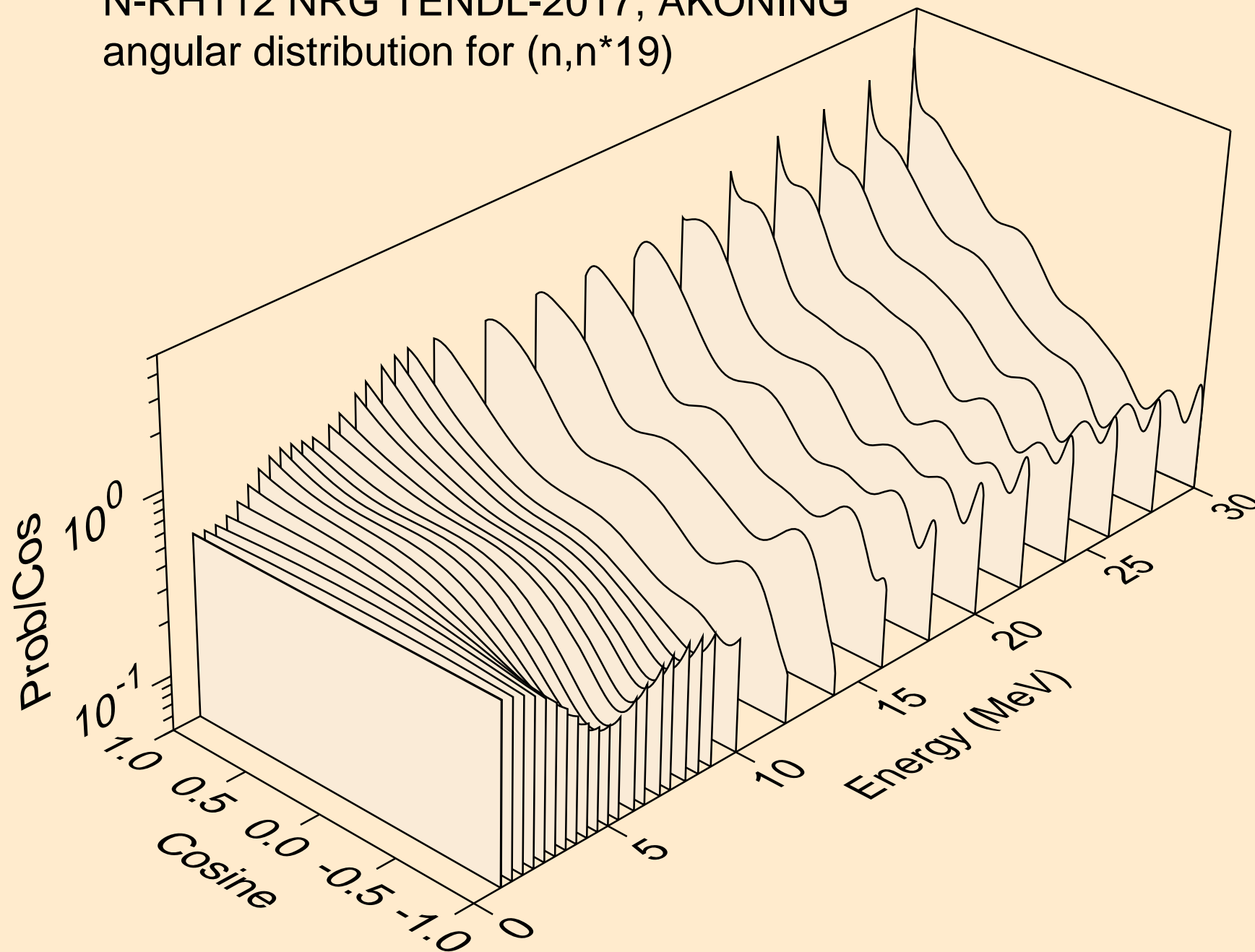
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angular distribution for (n,n\*17)



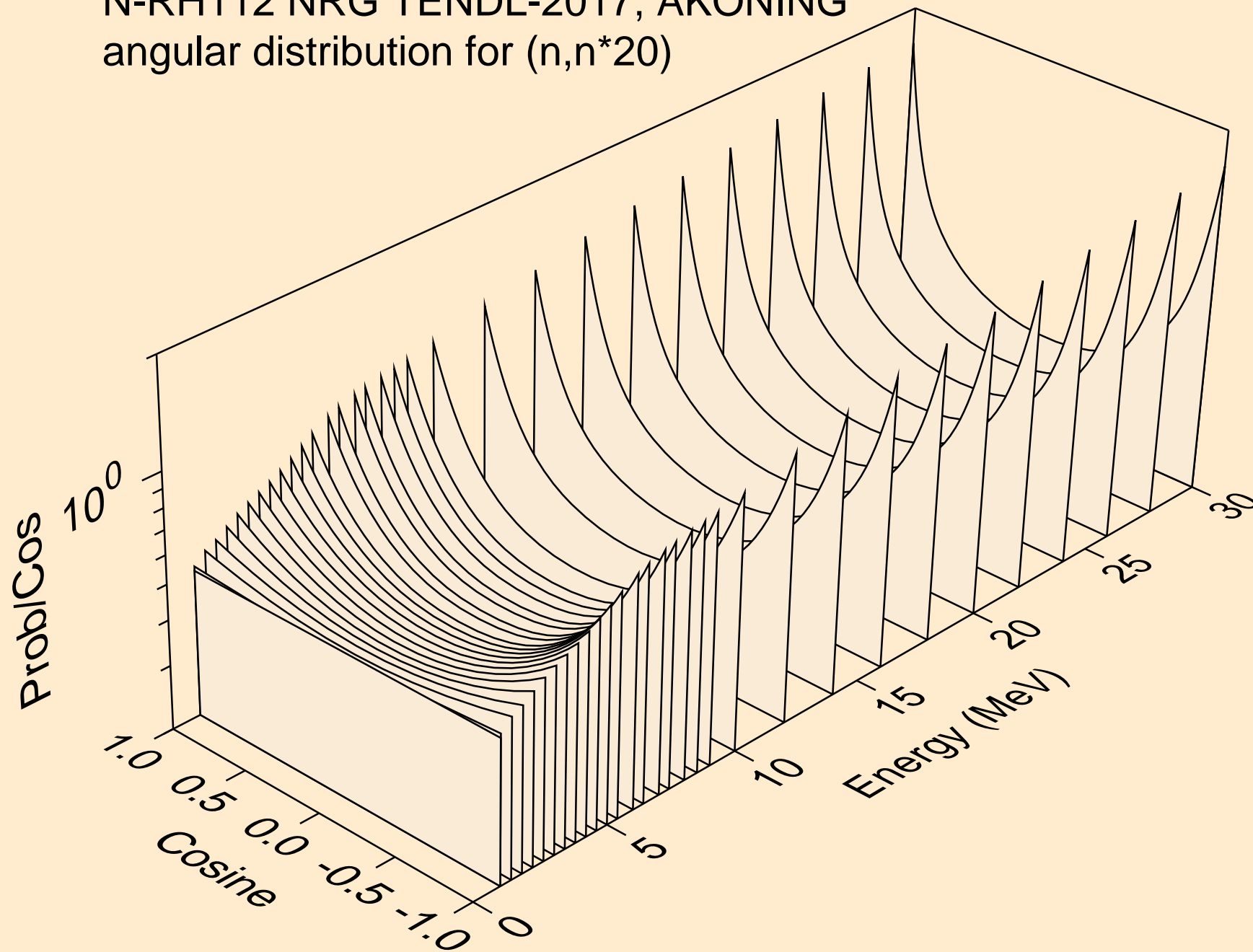
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angular distribution for (n,n\*18)



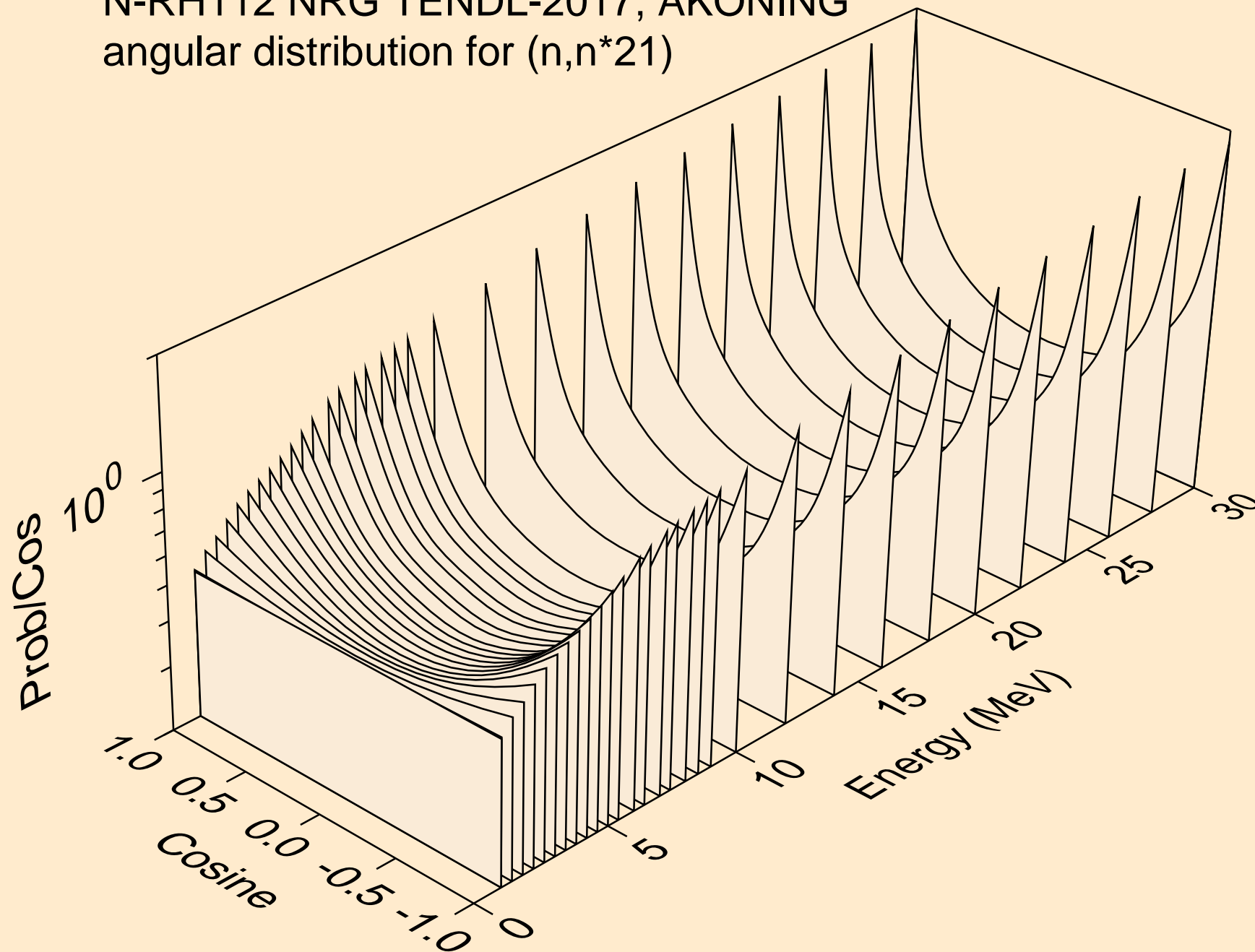
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angular distribution for (n,n\*19)



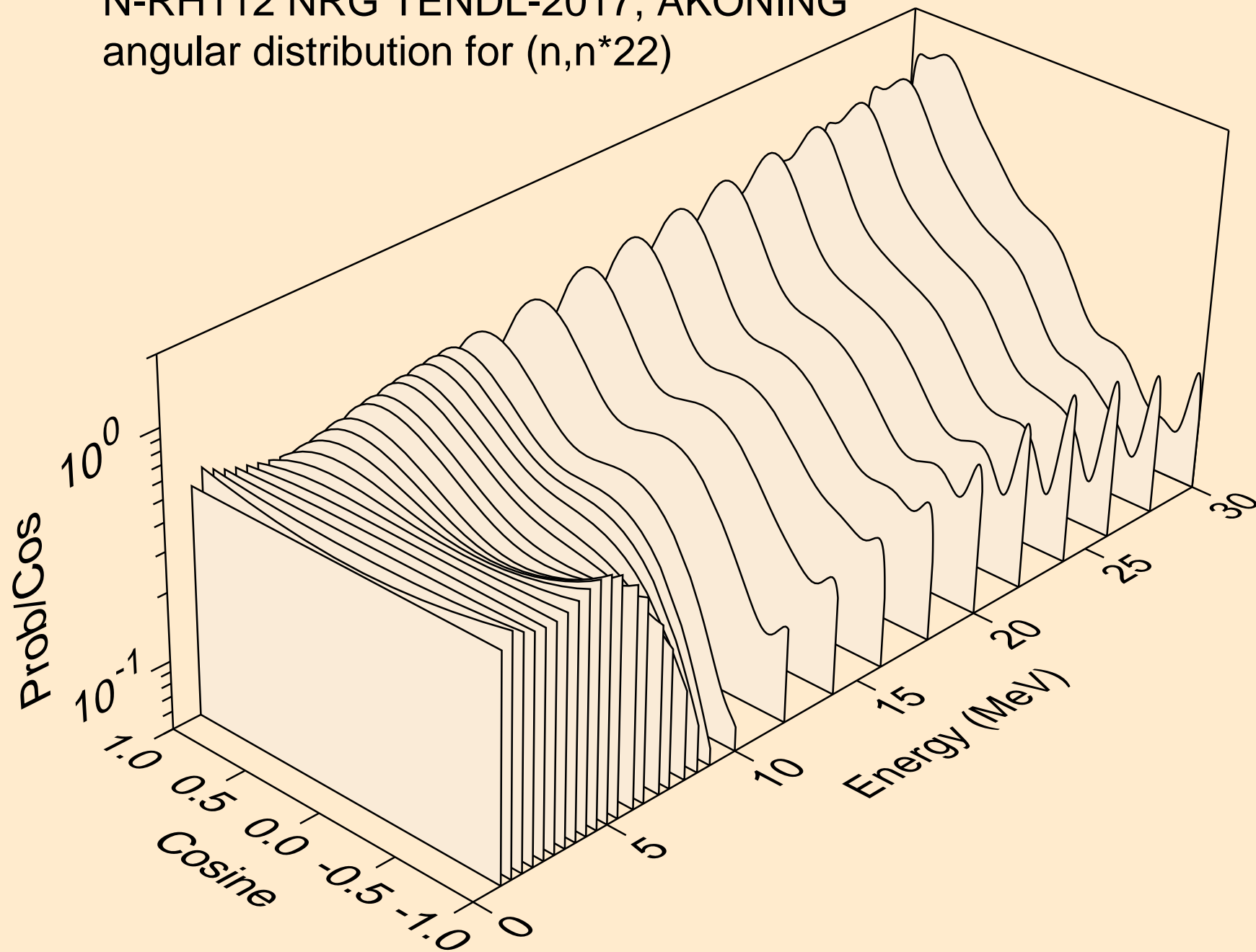
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*20)



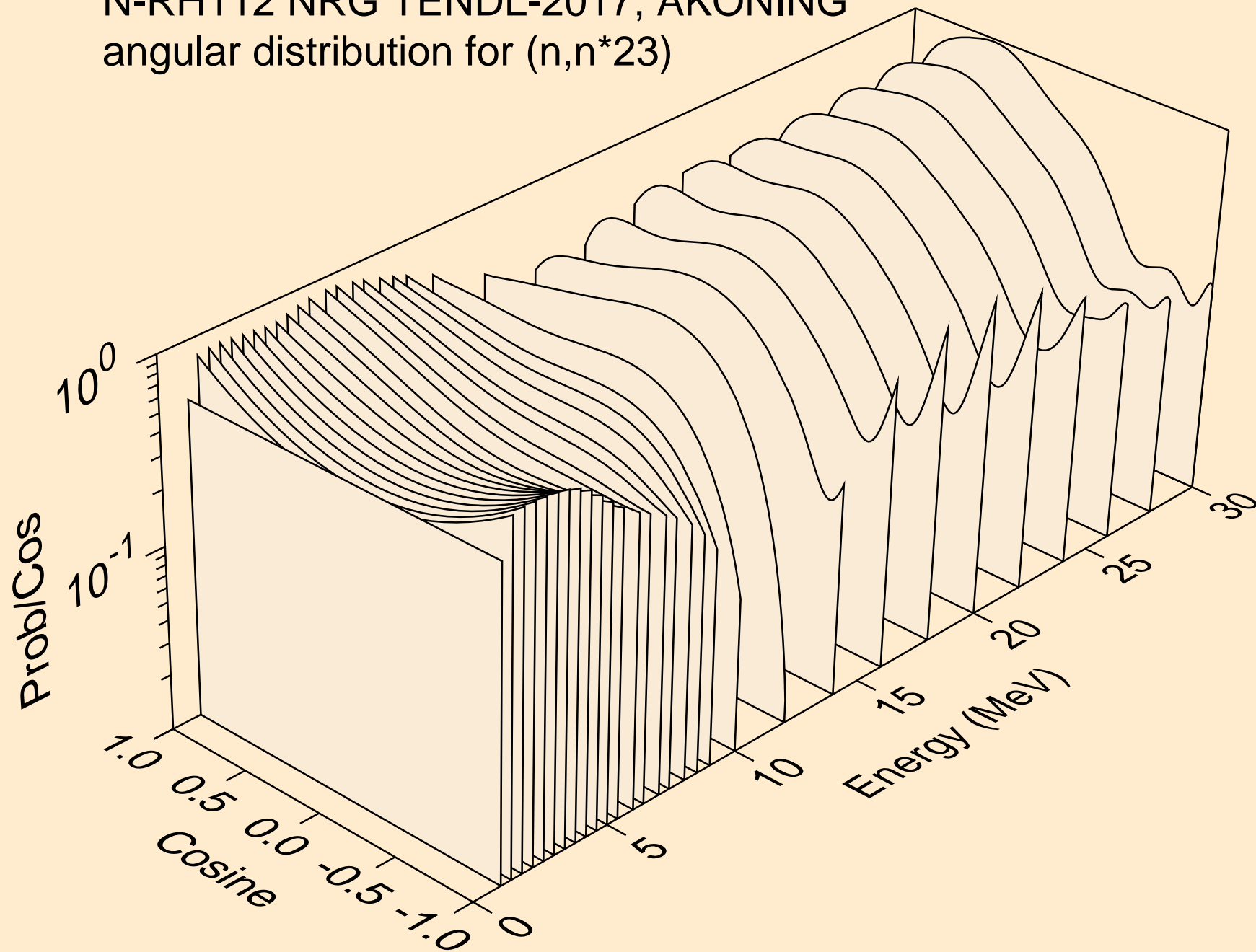
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*21)



N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*22)

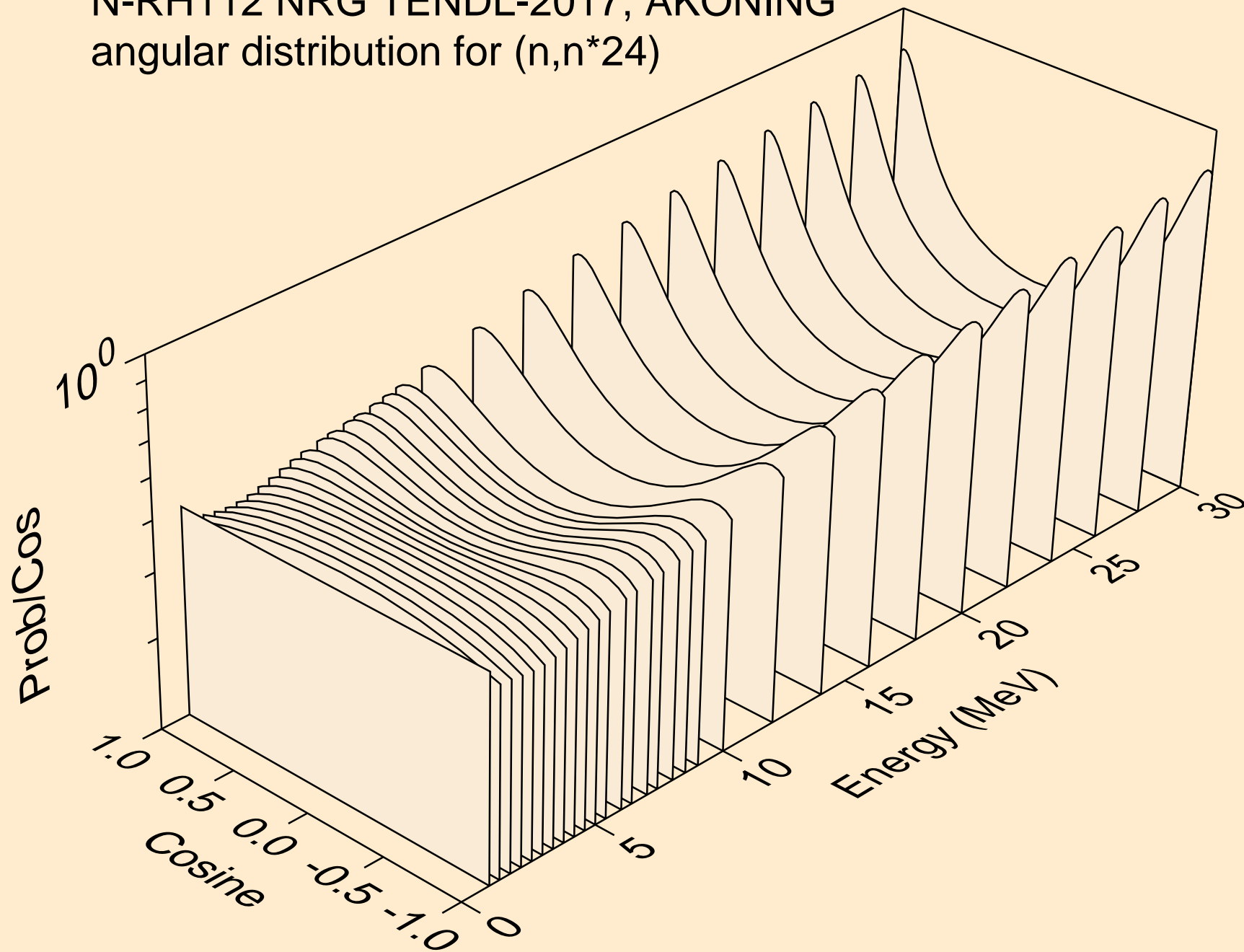


N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*23)

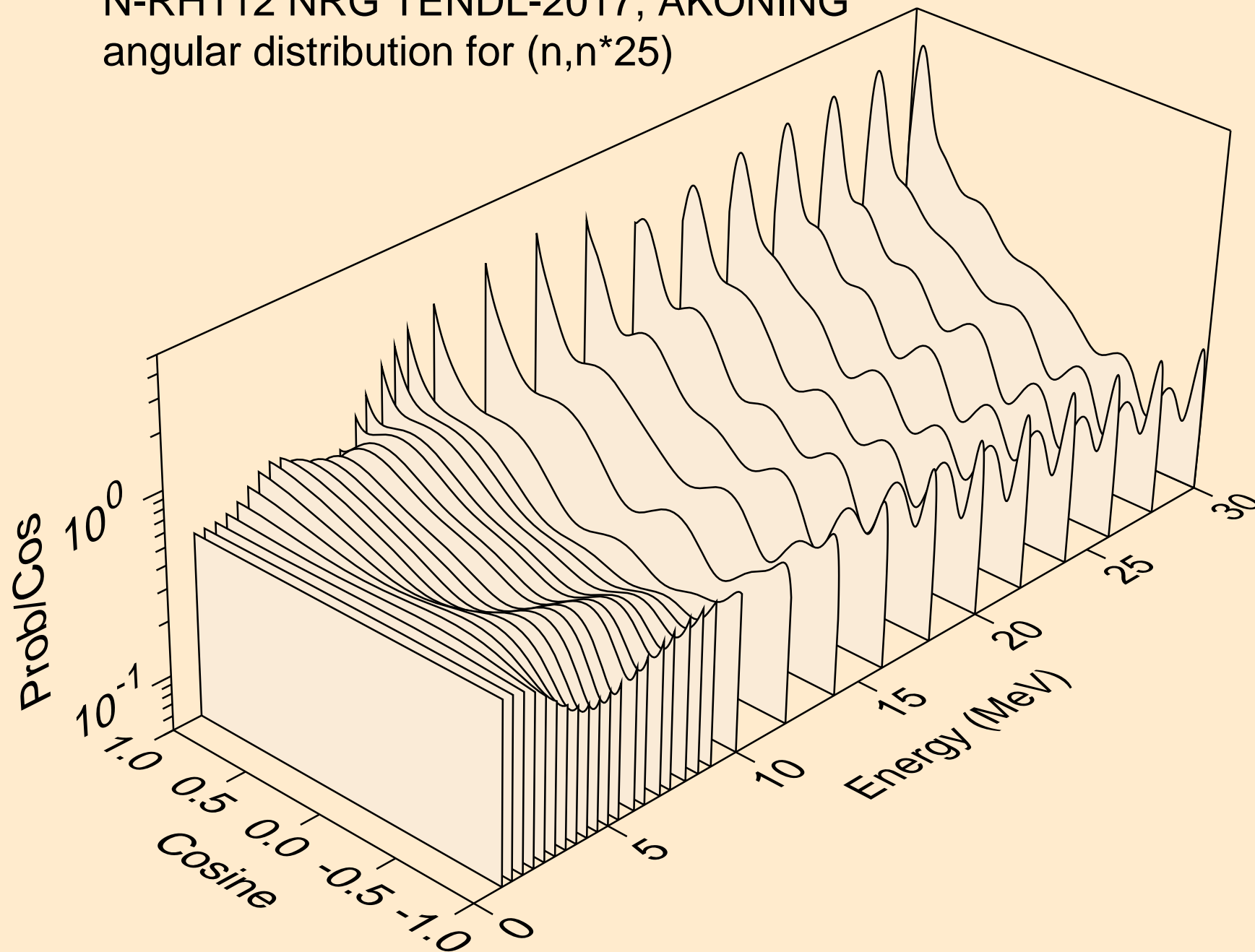




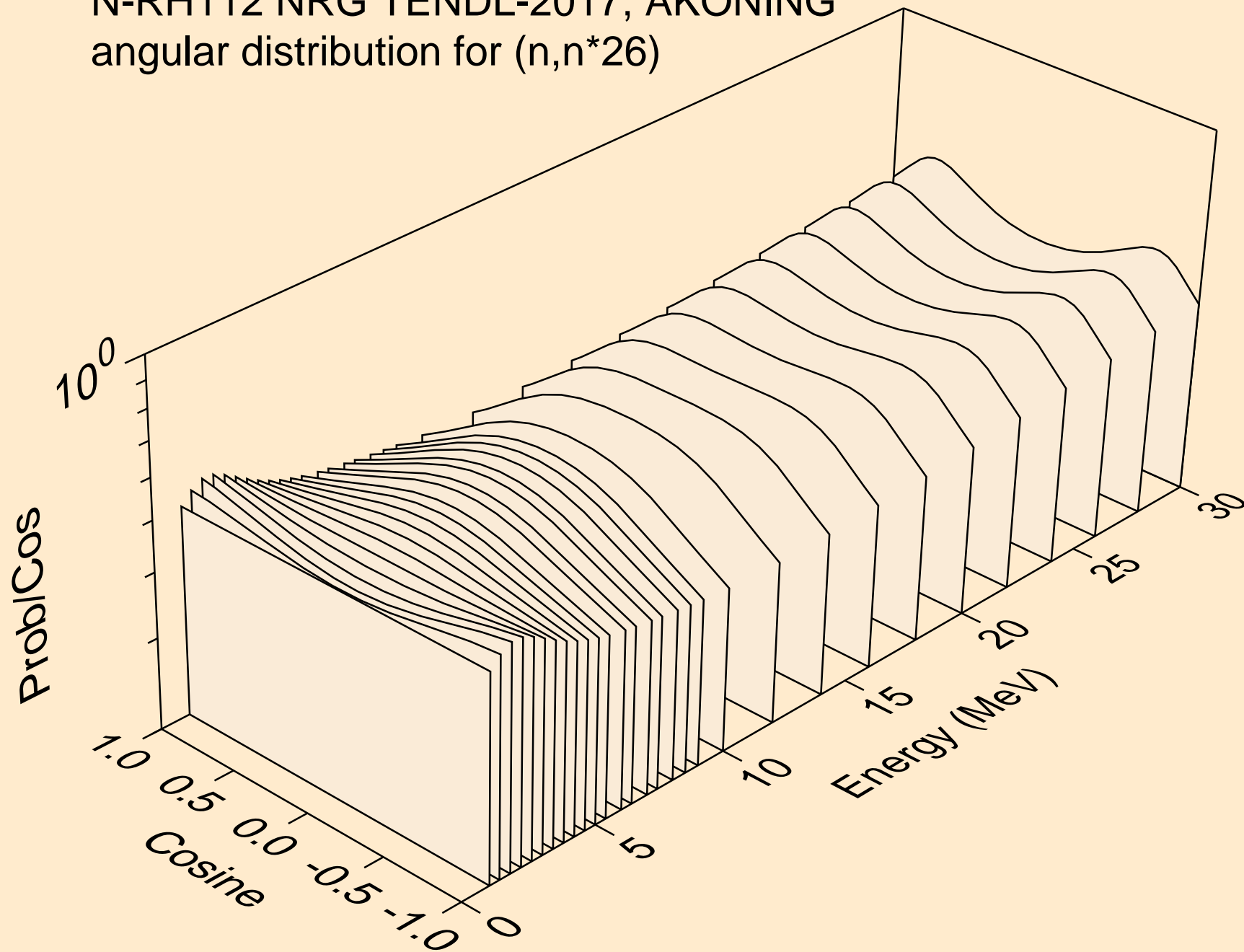
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angular distribution for (n,n\*24)



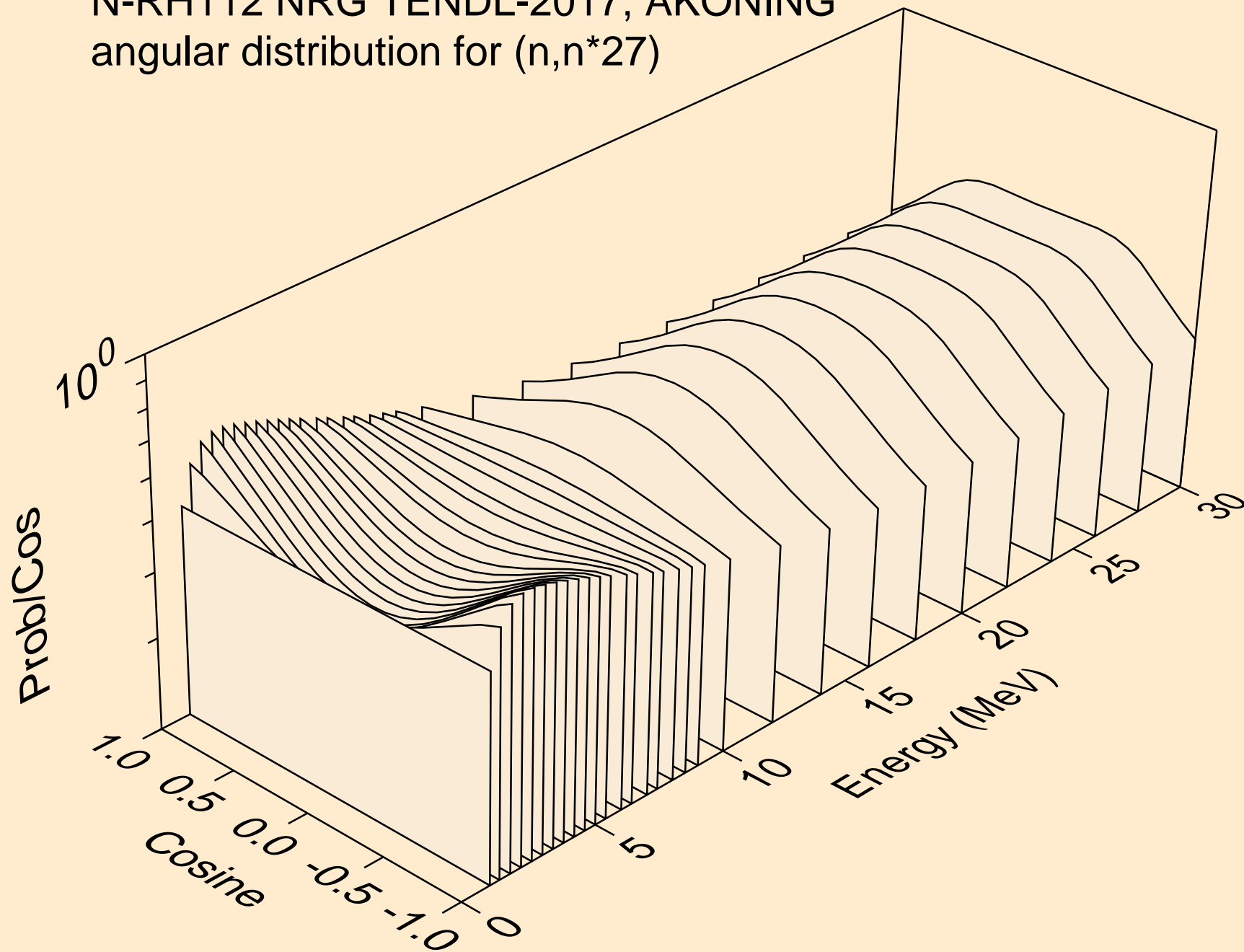
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angular distribution for (n,n\*25)



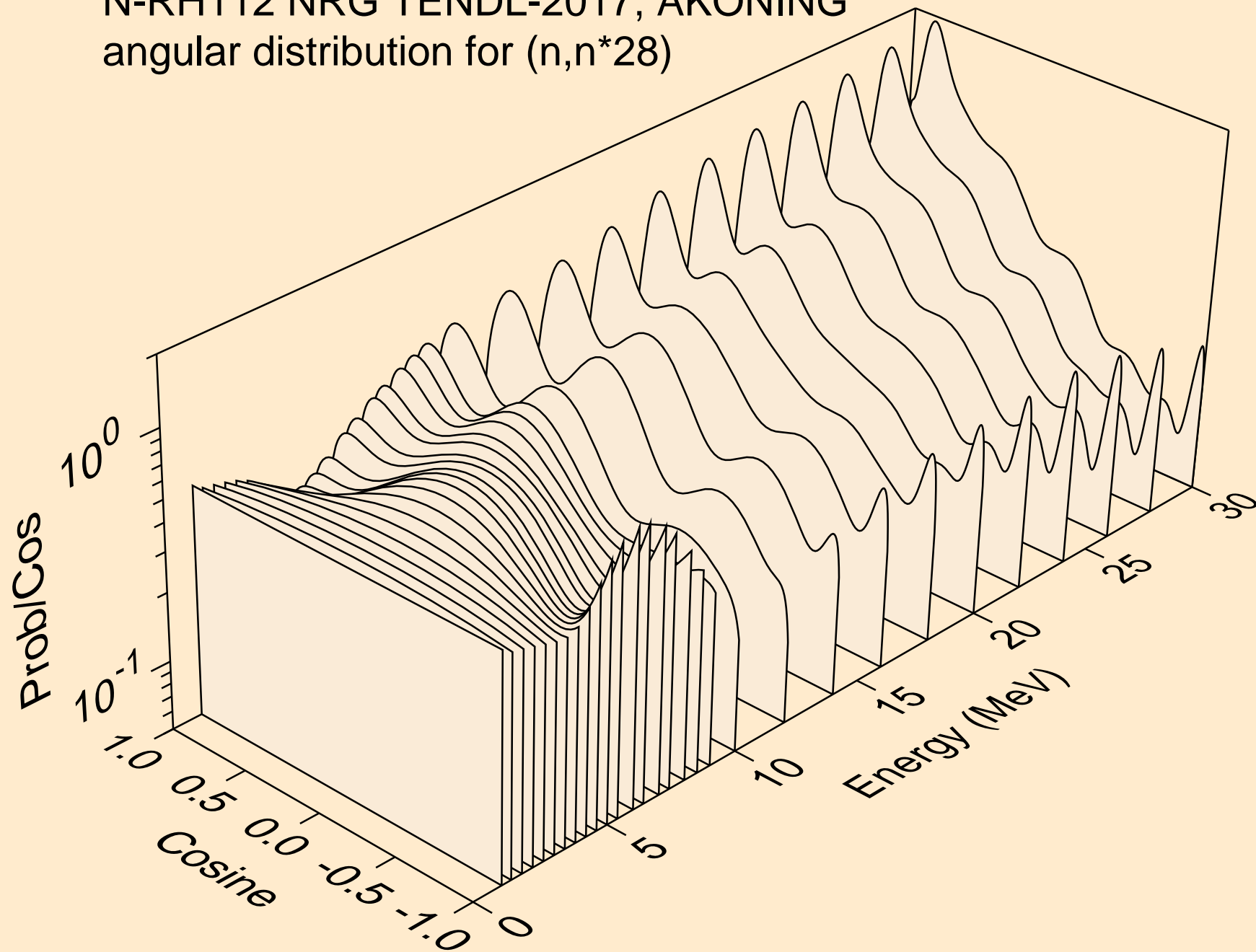
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angular distribution for (n,n\*26)



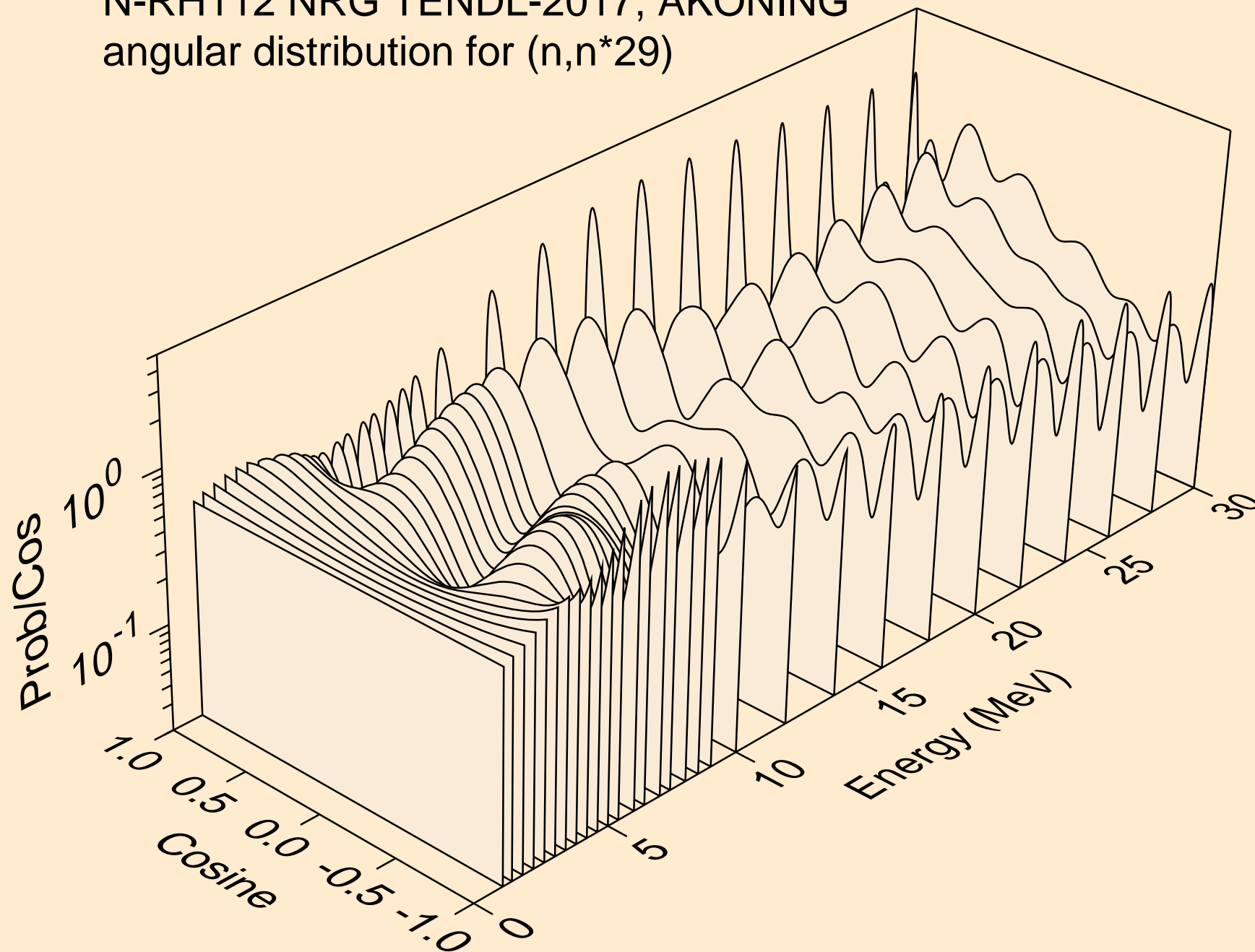
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angular distribution for (n,n\*27)



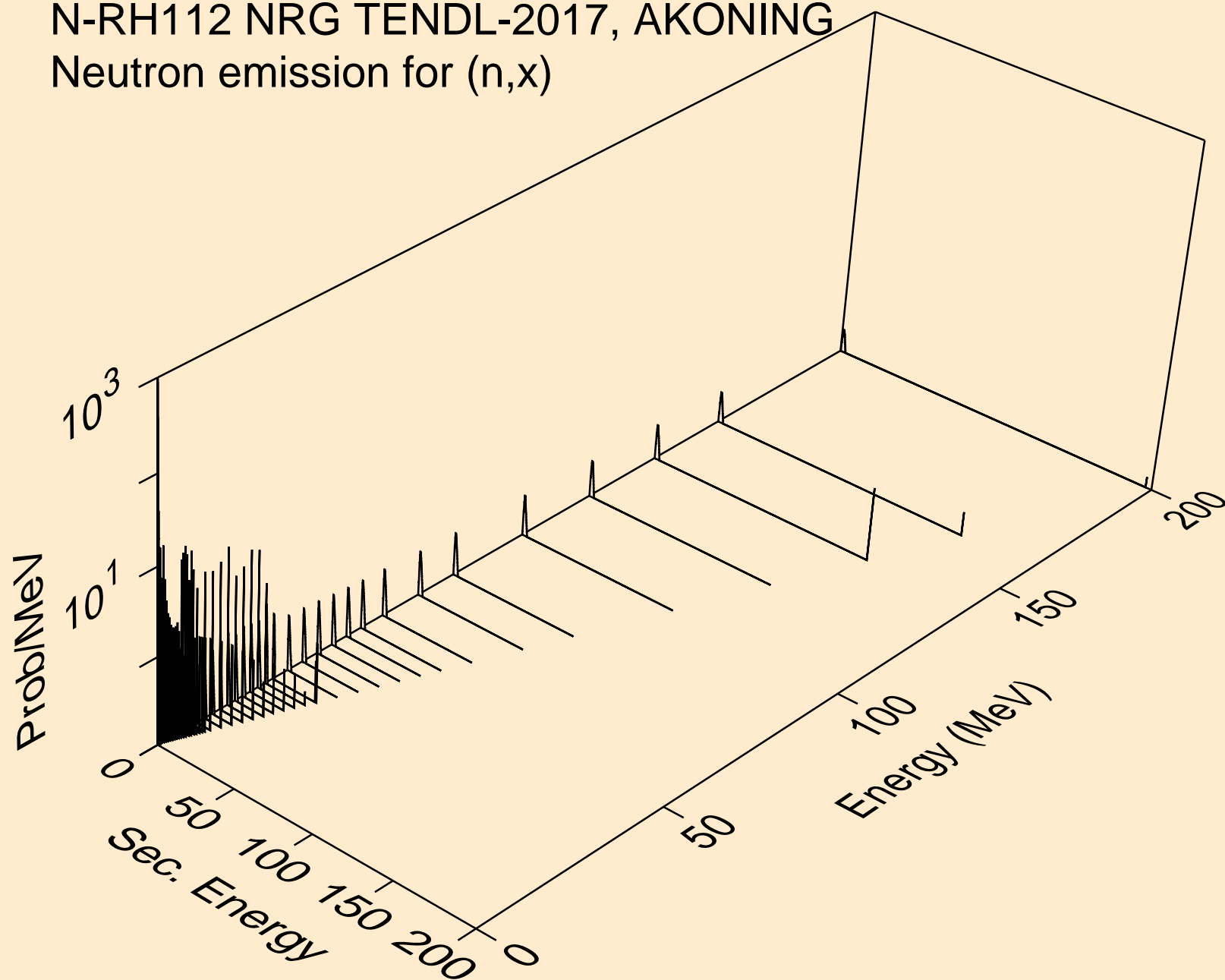
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*28)



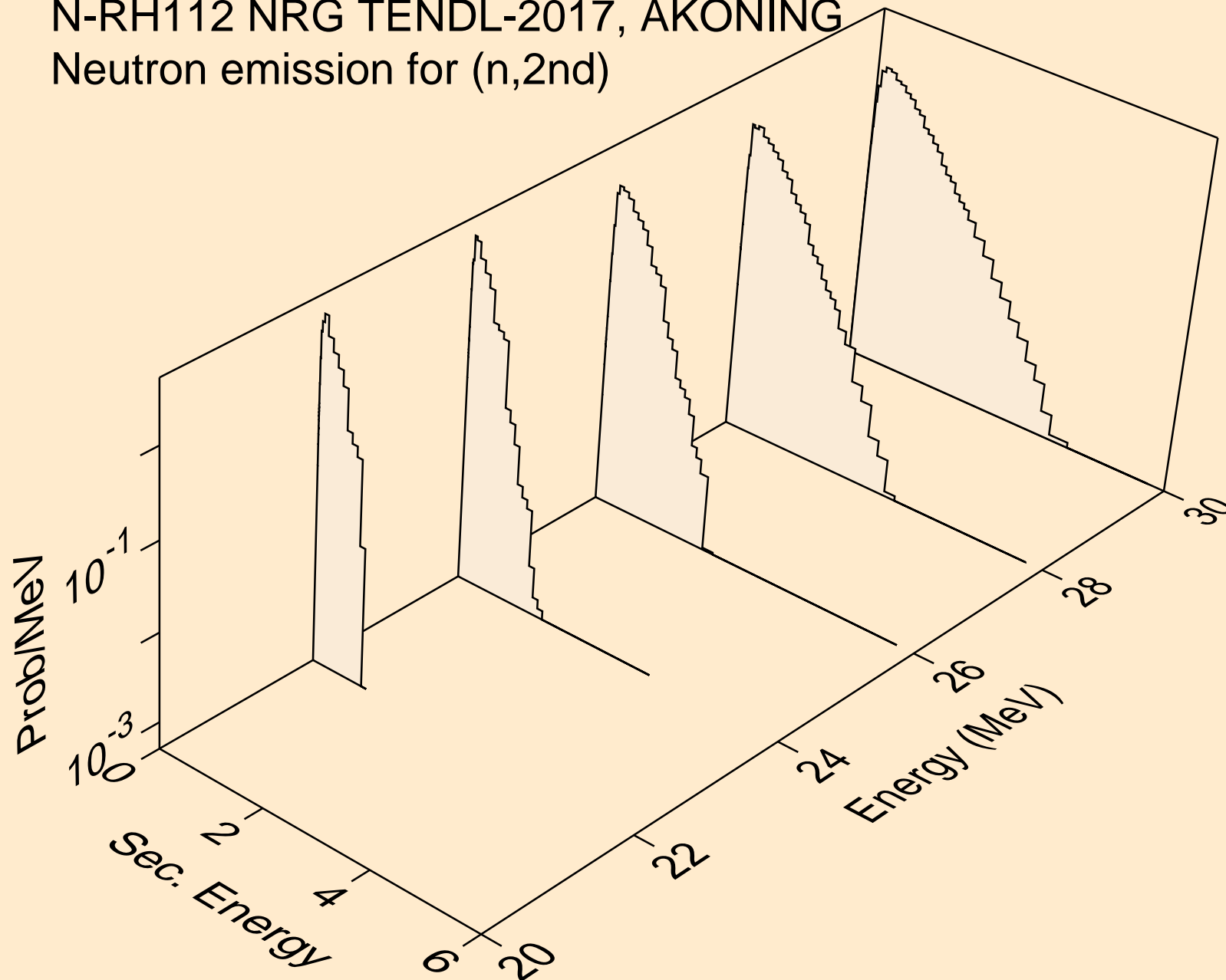
N-RH112 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*29)



N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,x)

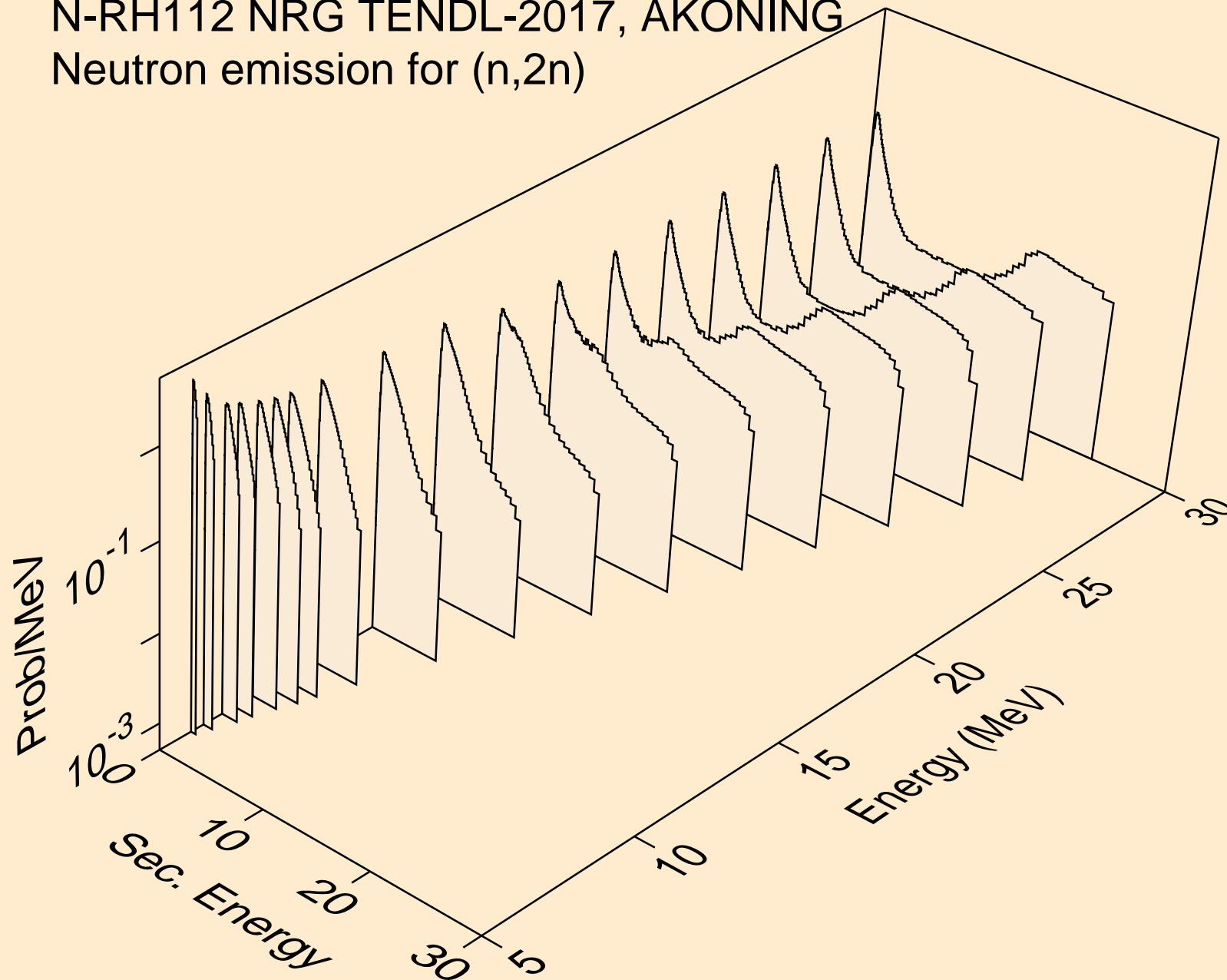


N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,2nd)

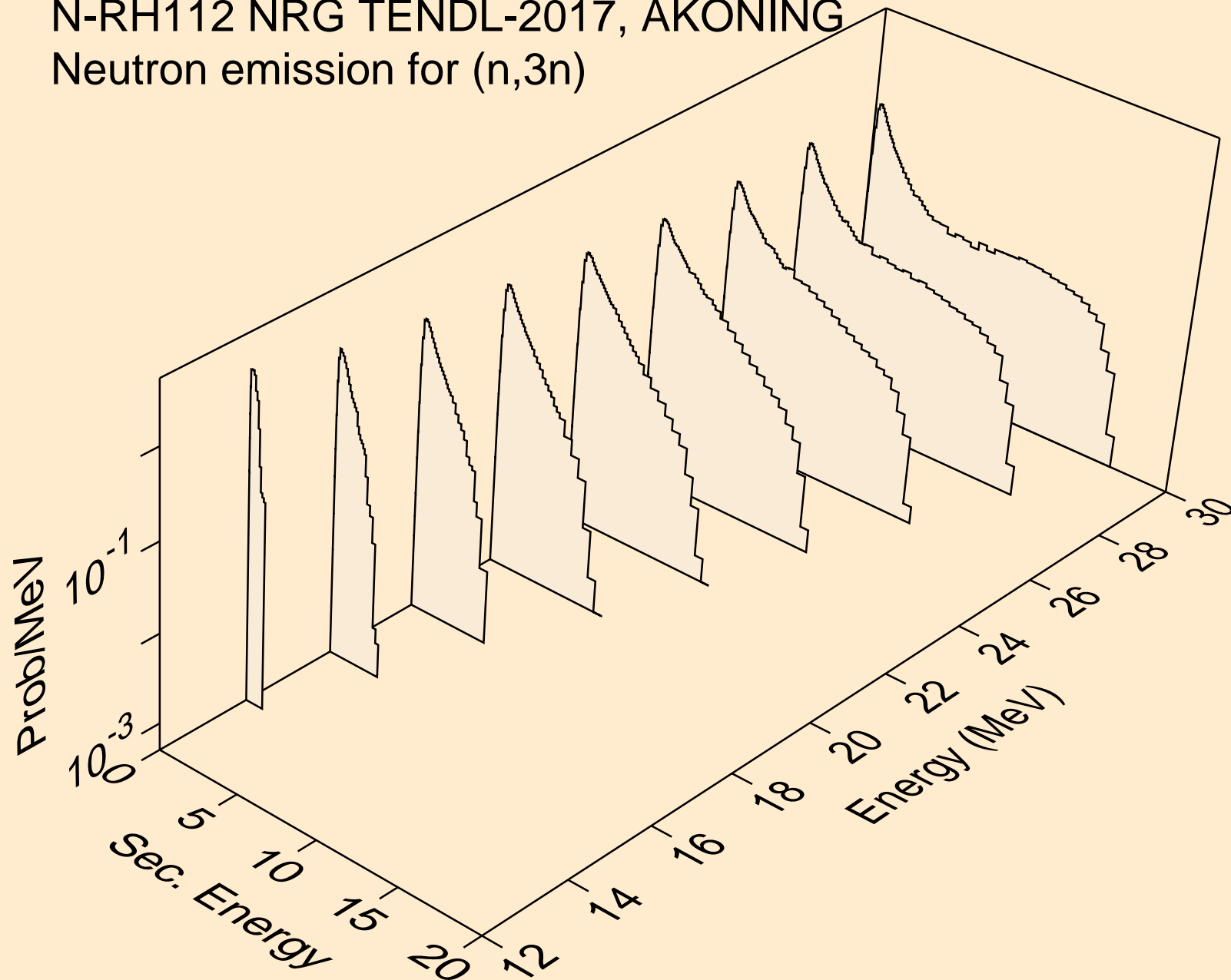




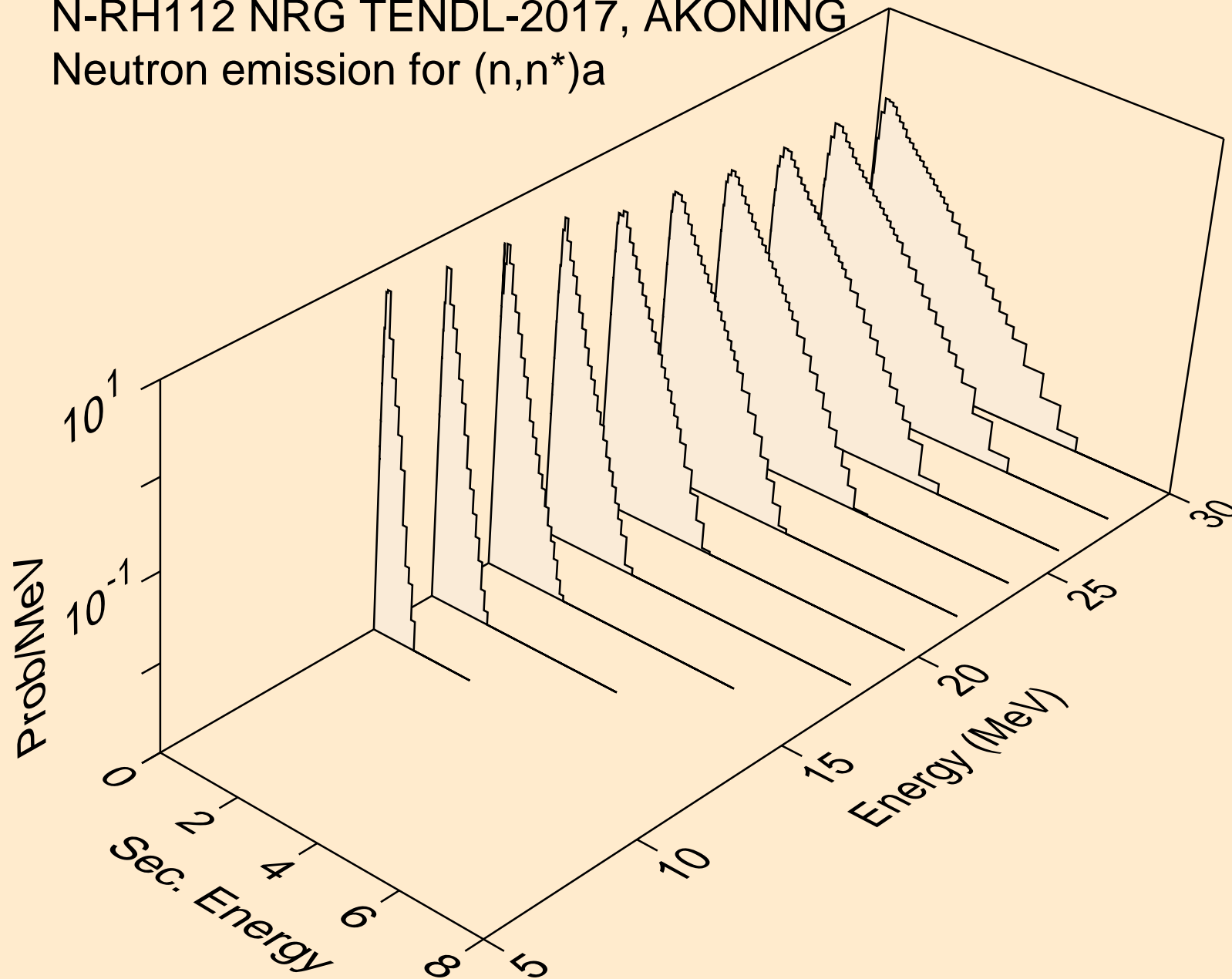
N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)



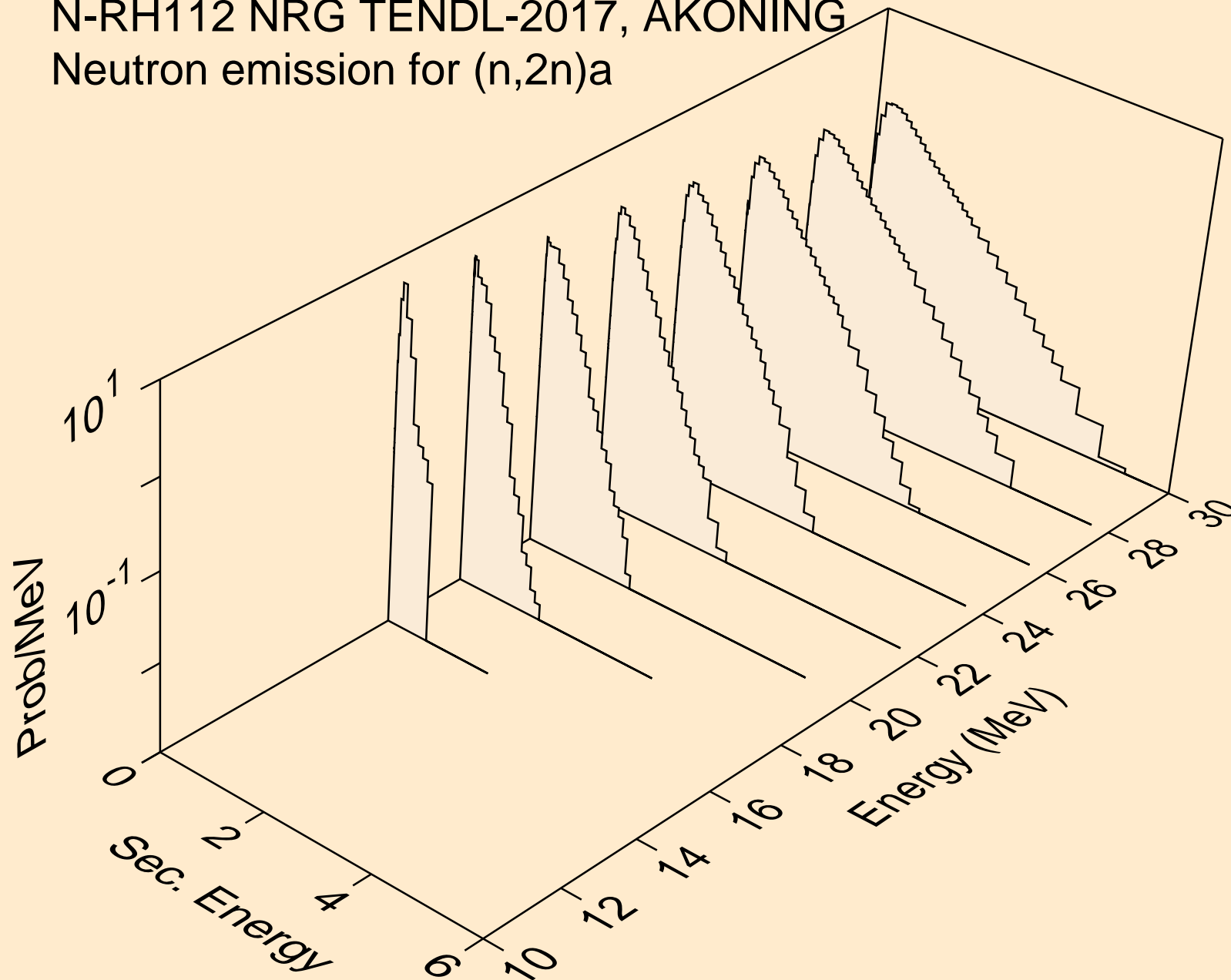
N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)



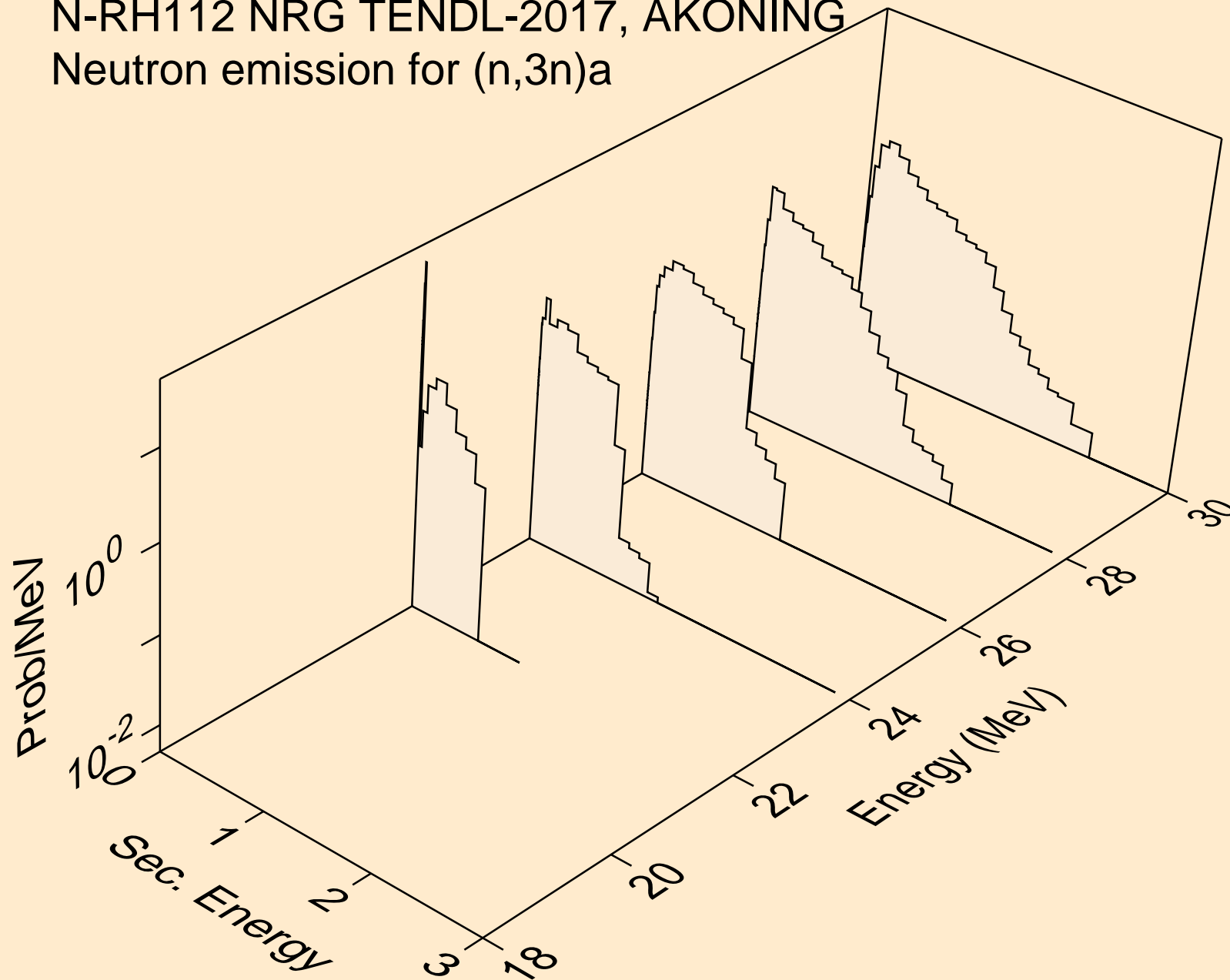
N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)a



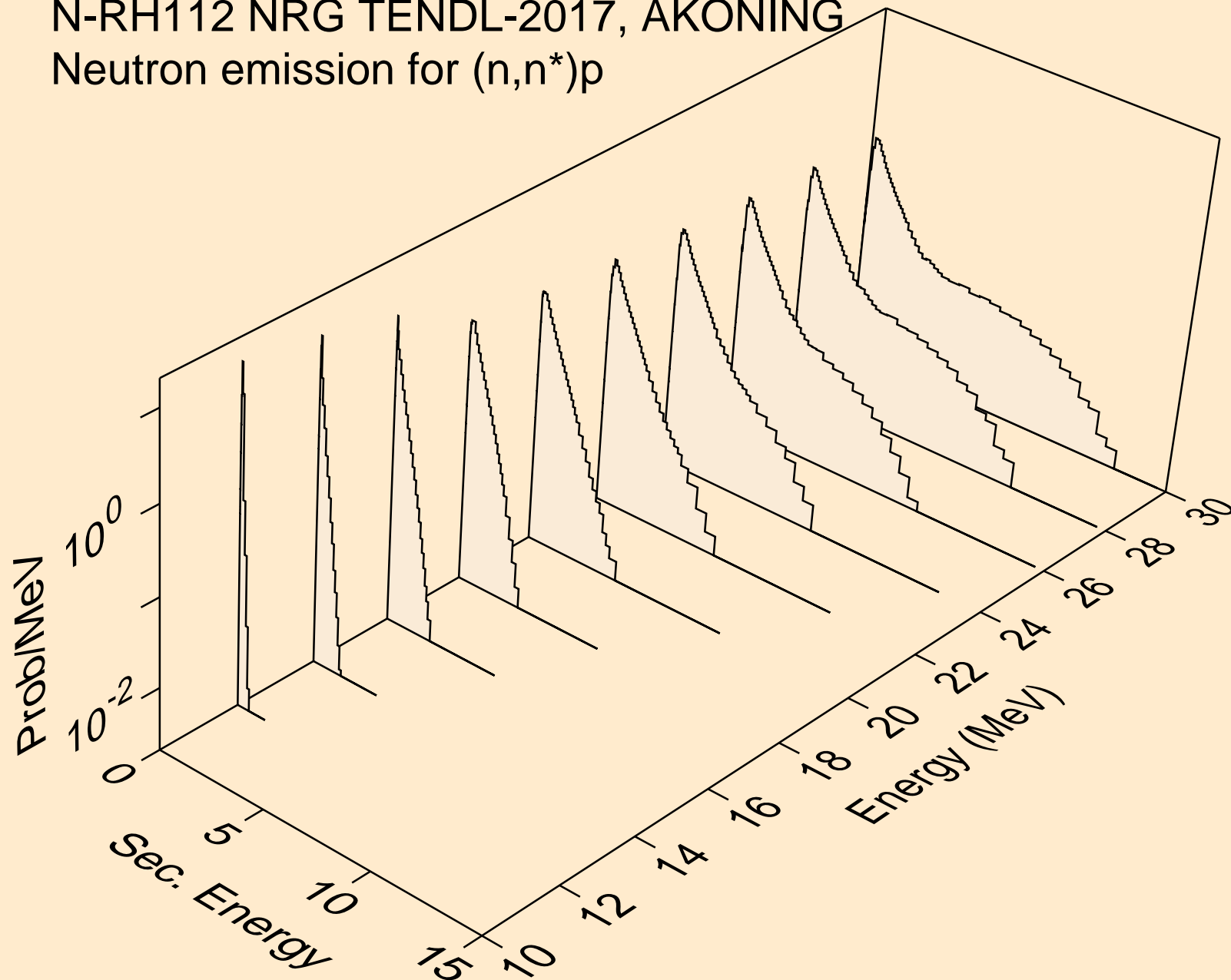
N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)a



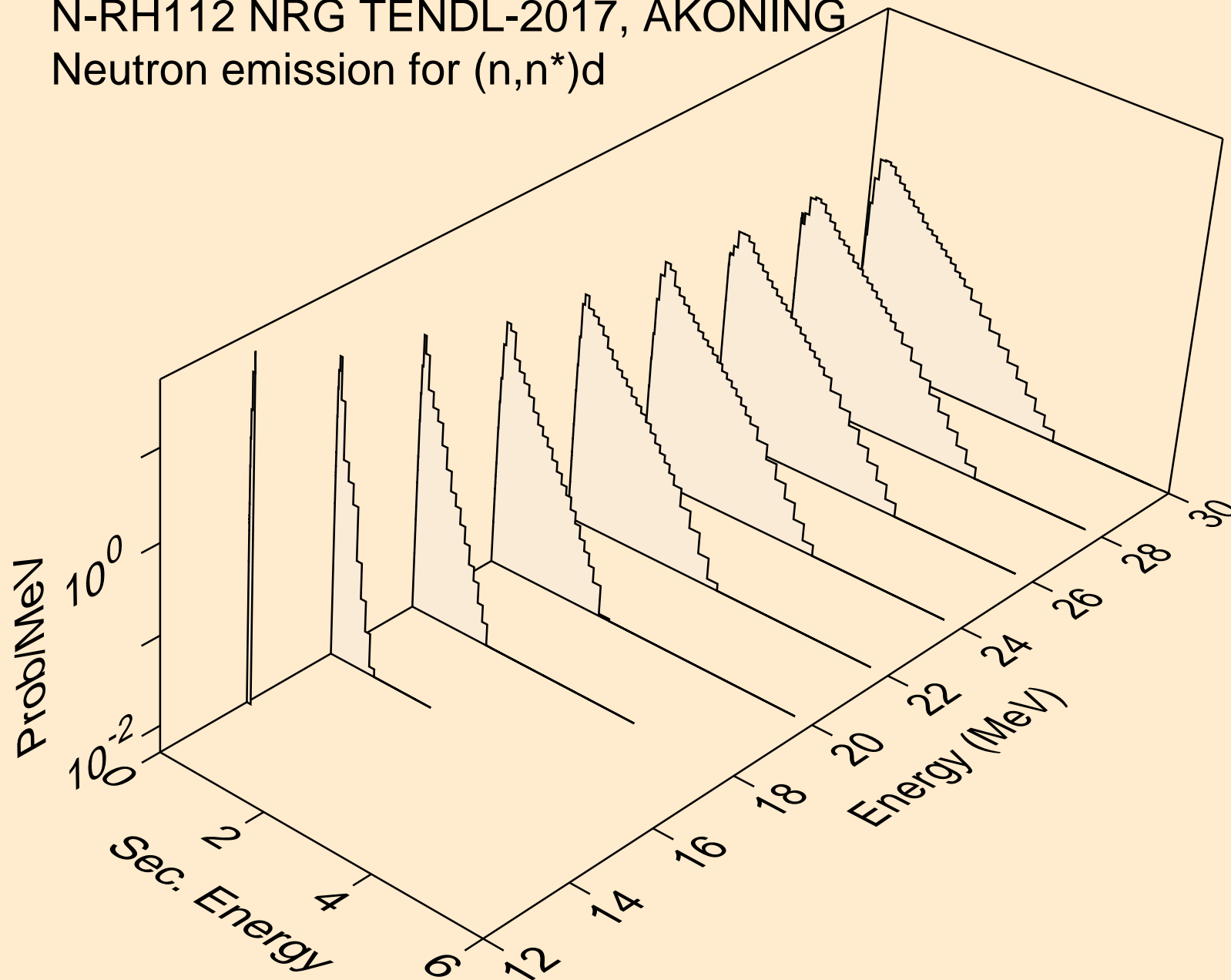
N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)a



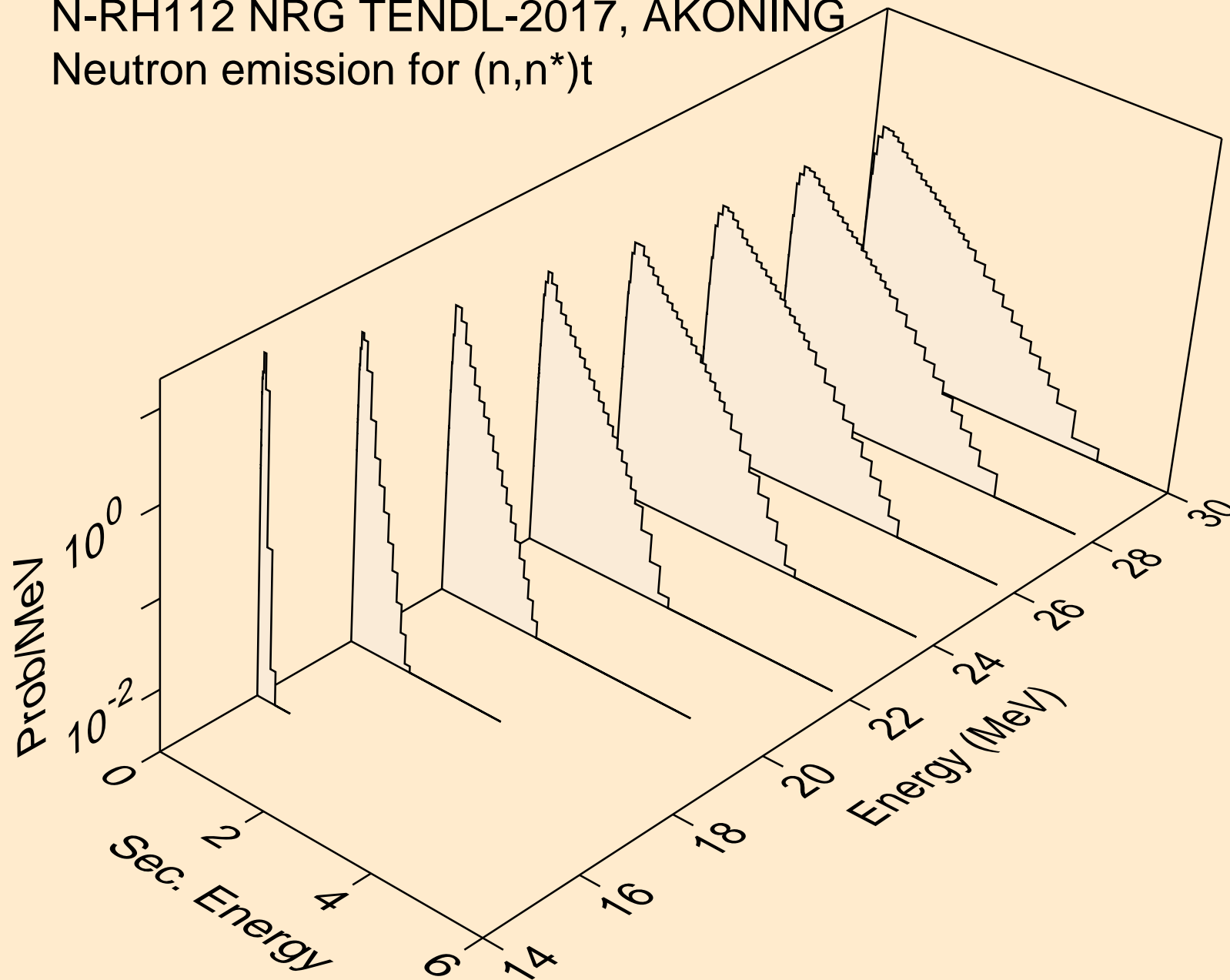
N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for  $(n,n^*)p$



N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)d

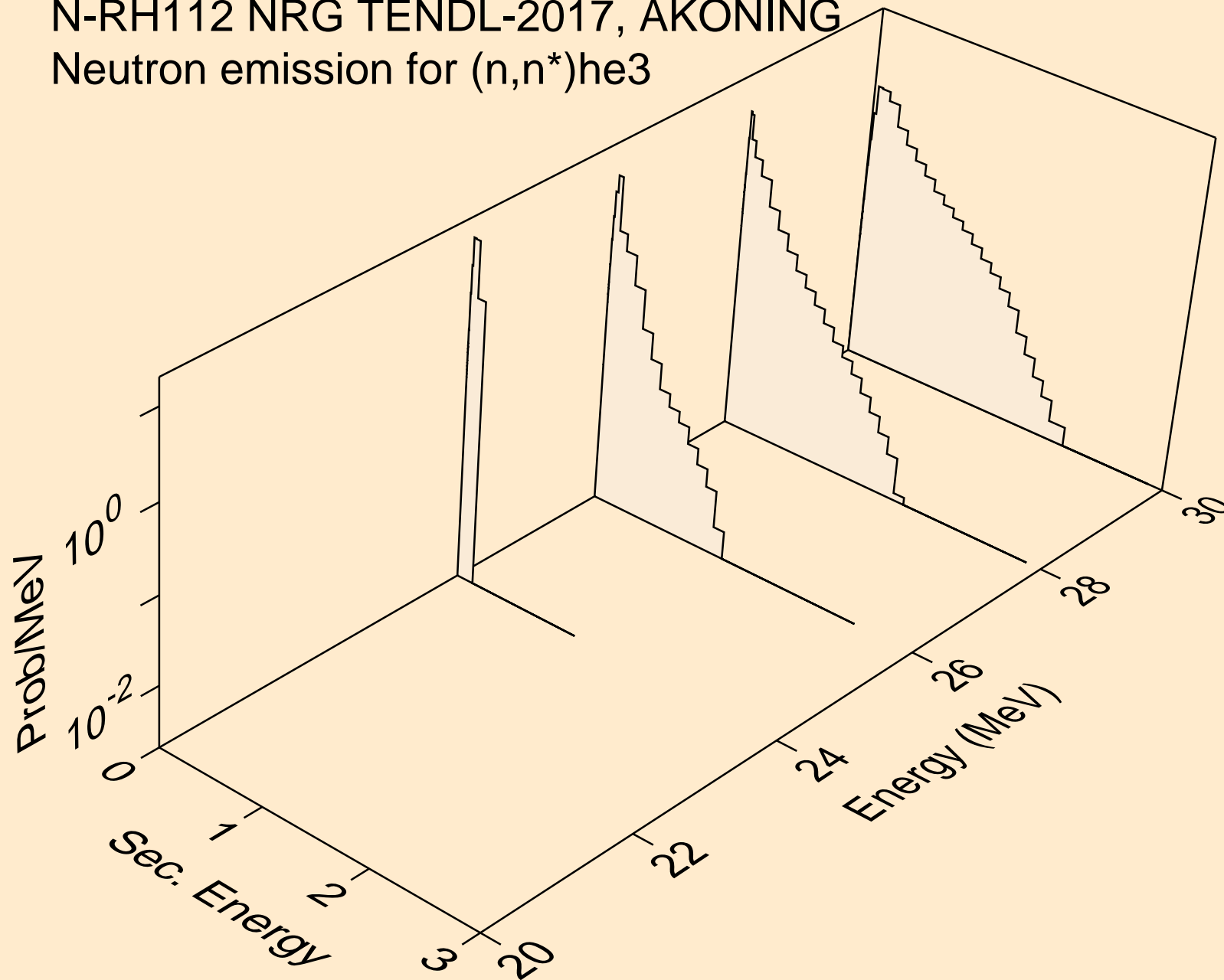


N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)t

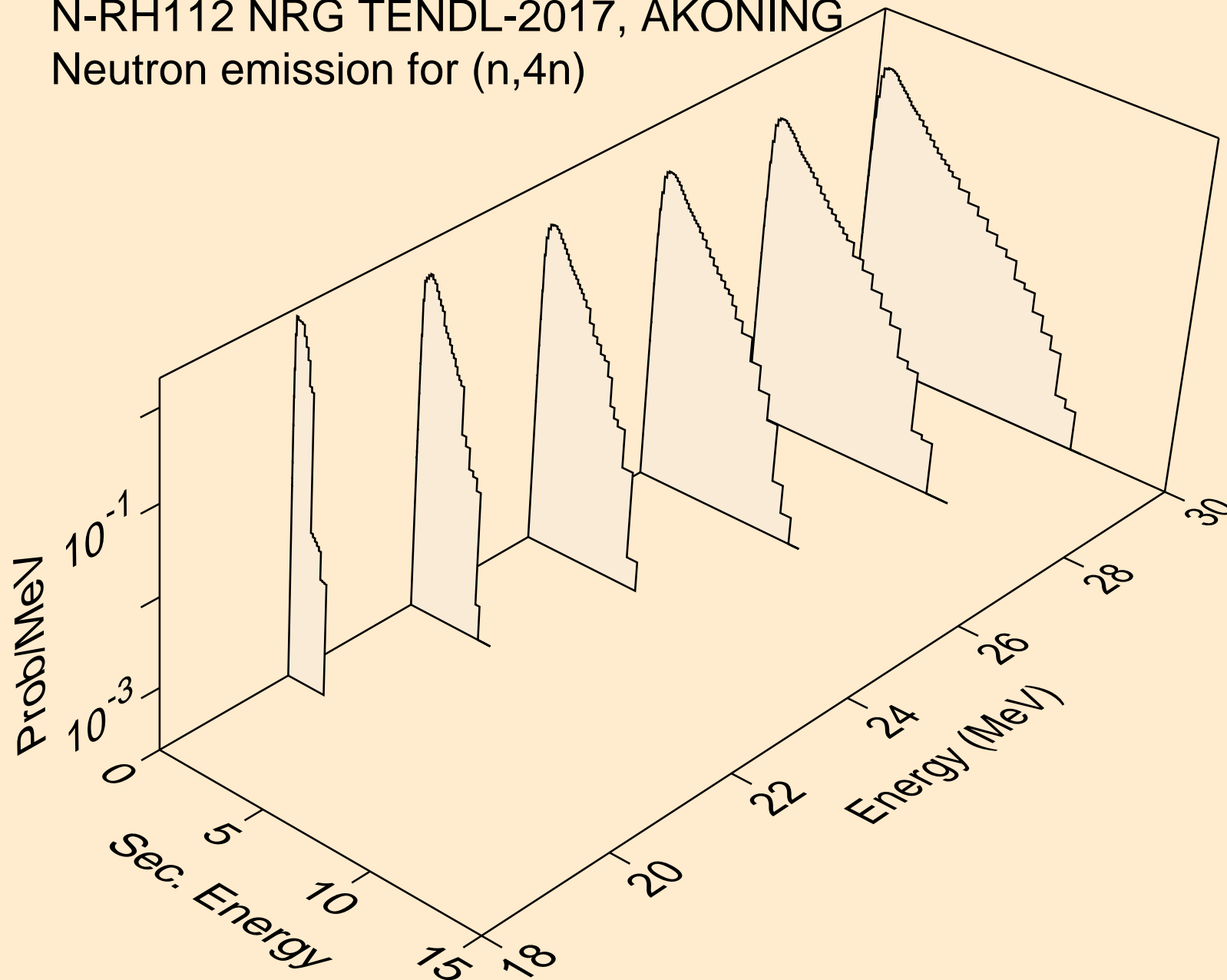




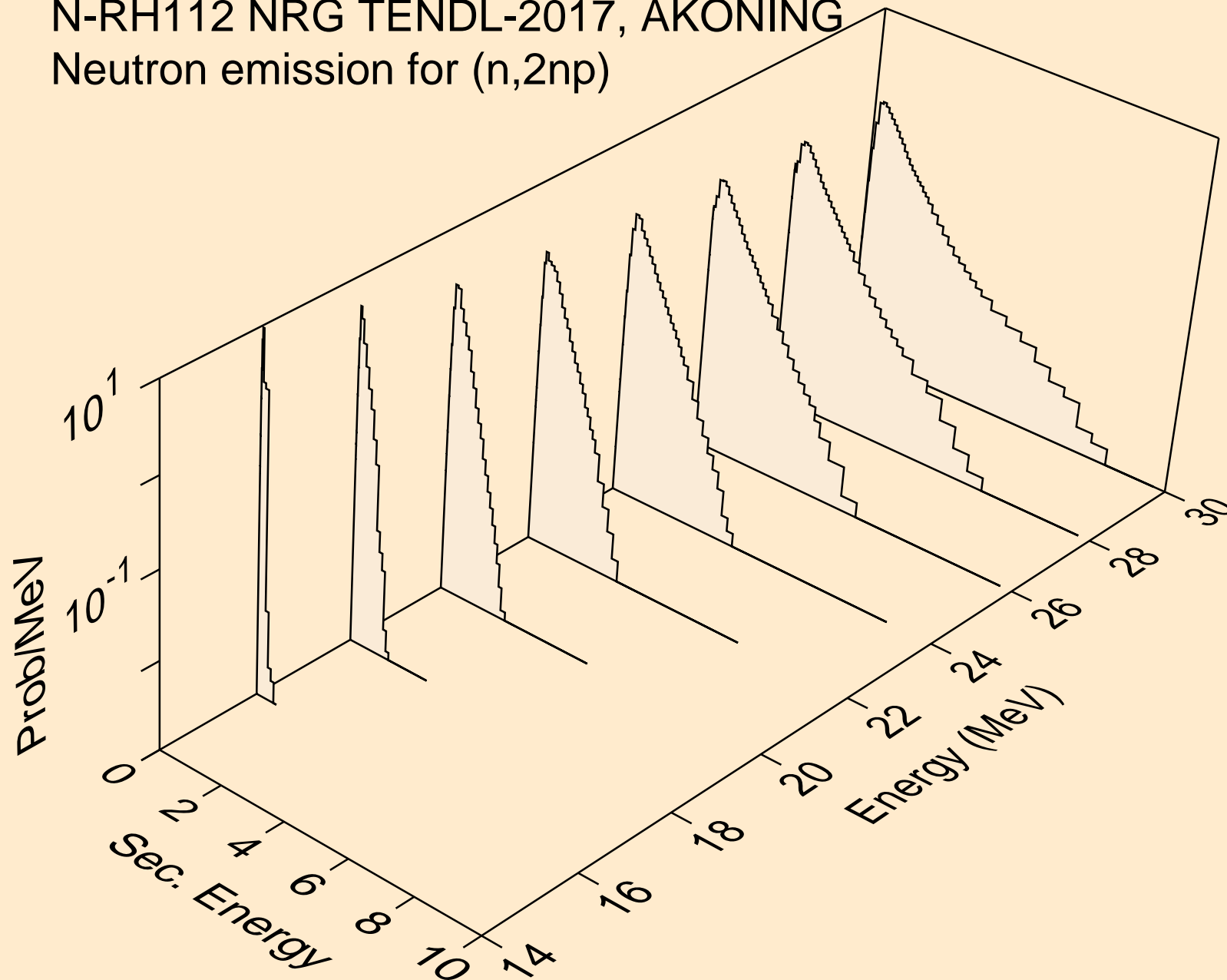
N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)he3



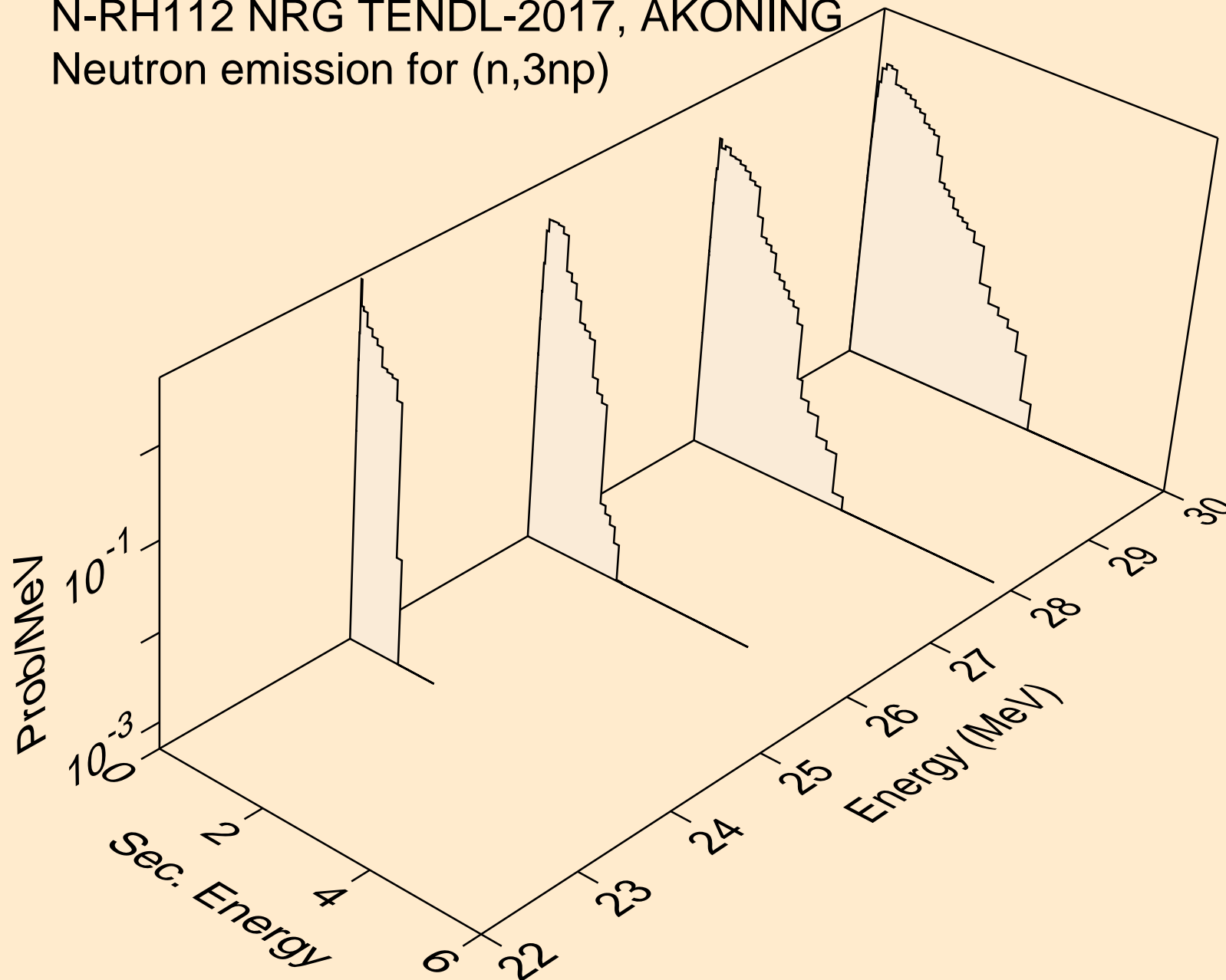
N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,4n)



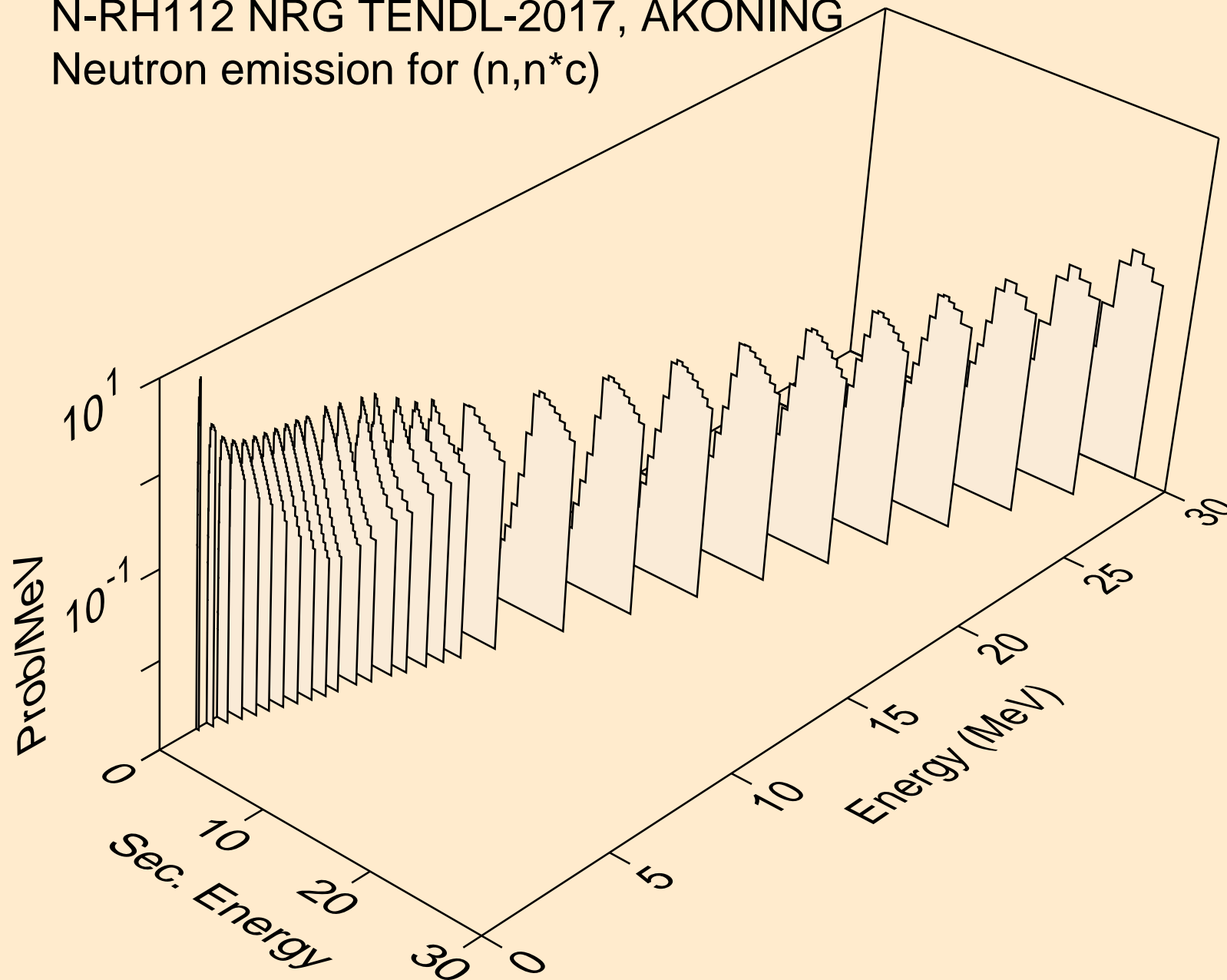
N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,2np)



N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,3np)

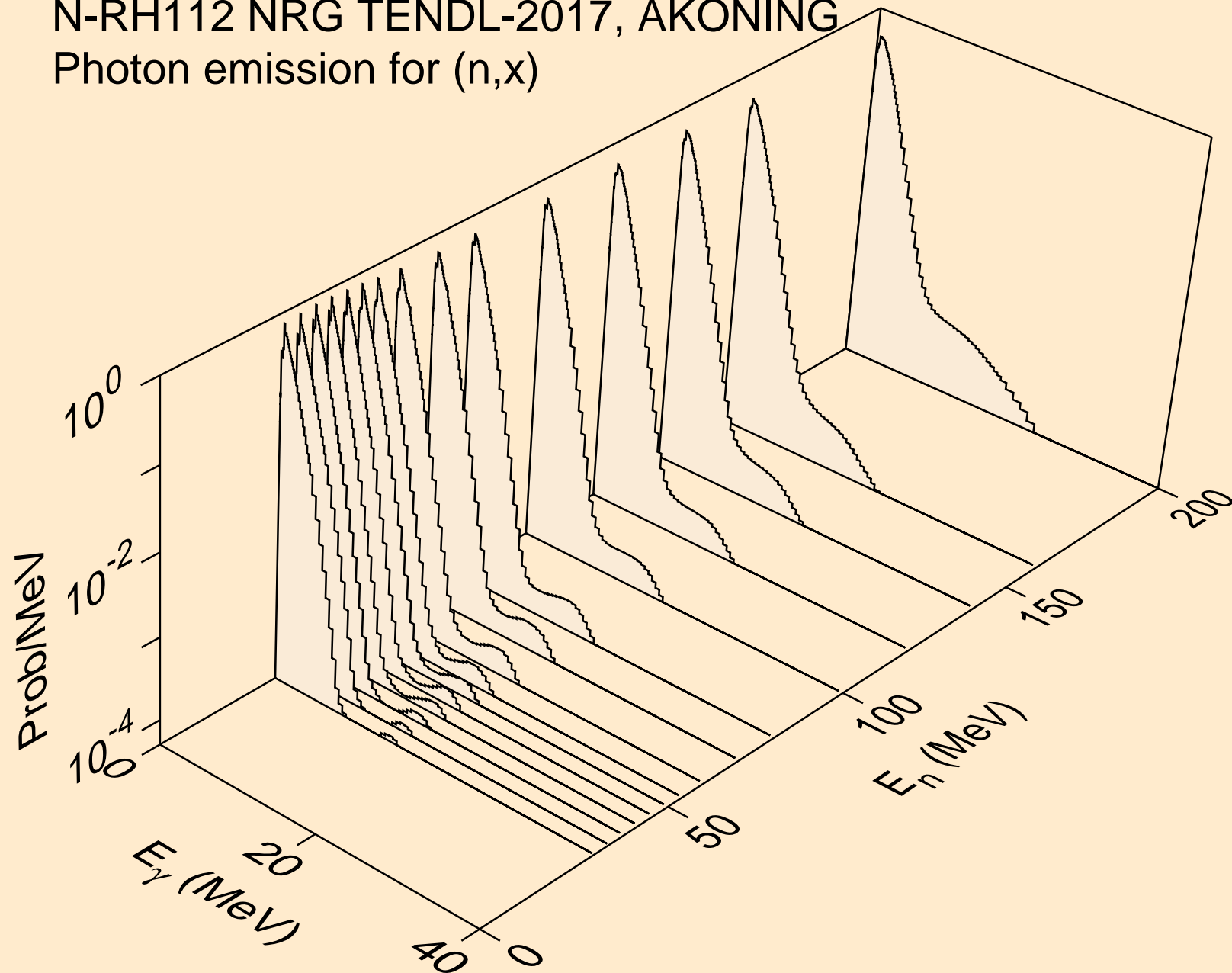


N-RH112 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*c)

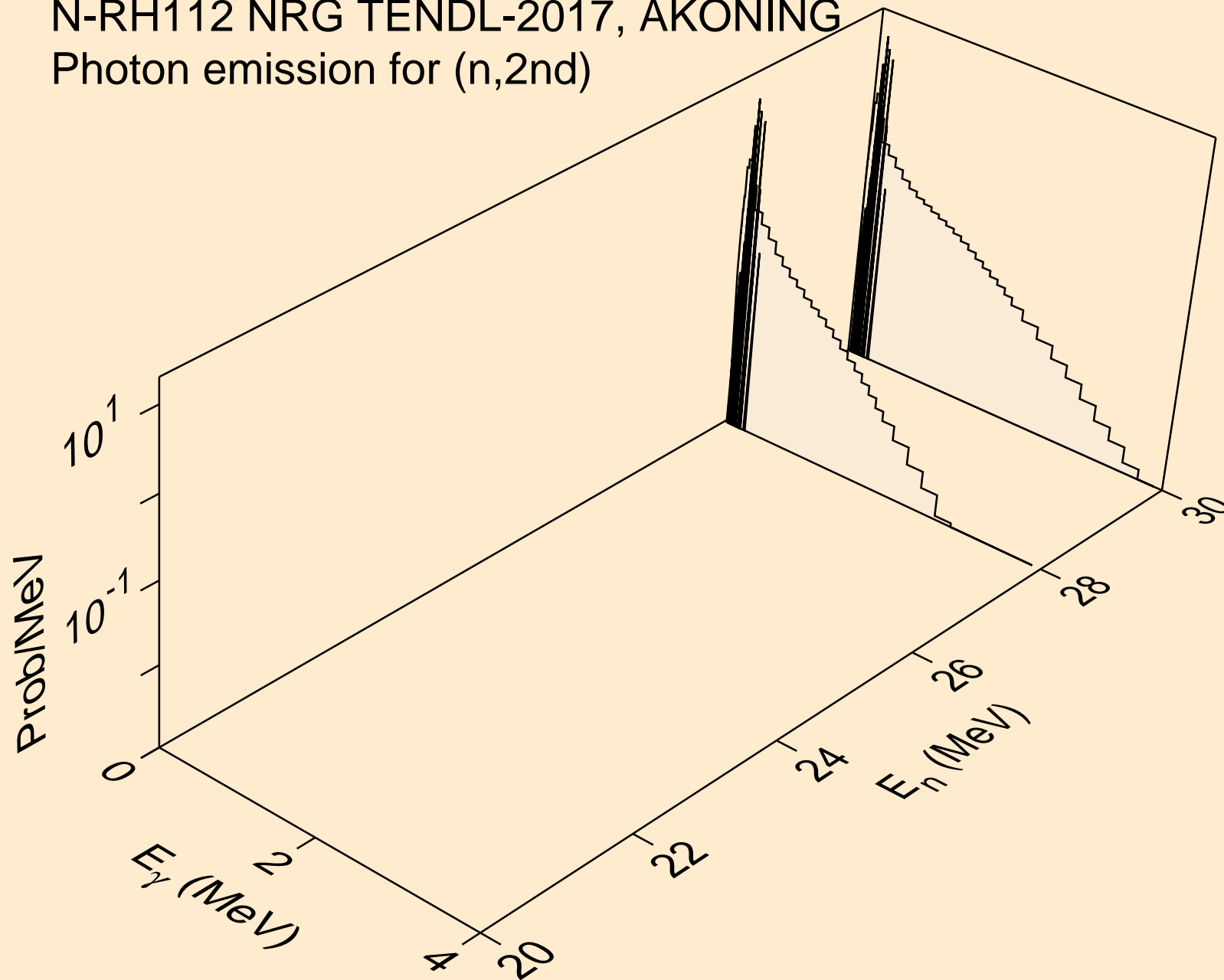


N-RH112 NRG TENDL-2017, AKONING

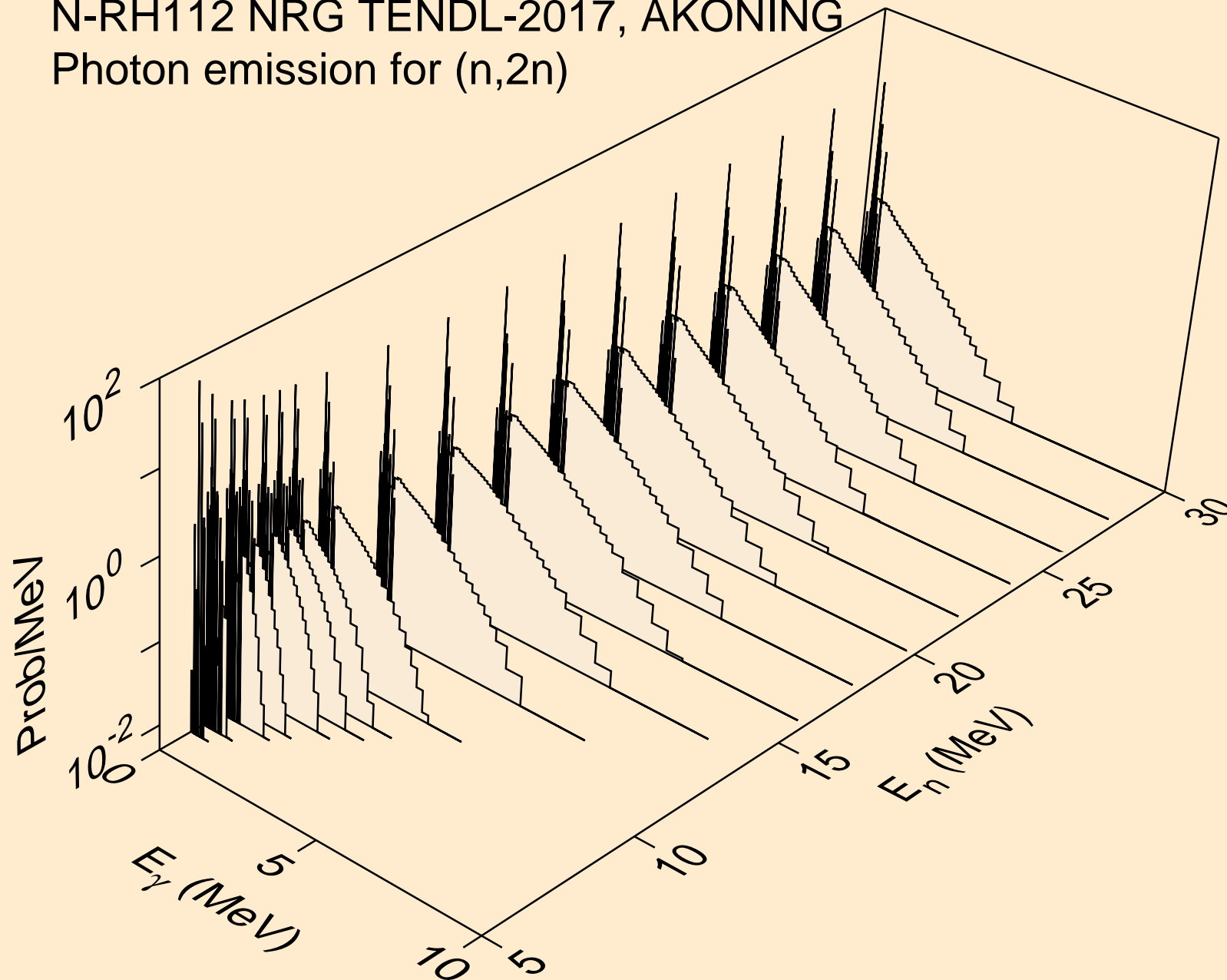
Photon emission for (n,x)



N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,2nd)

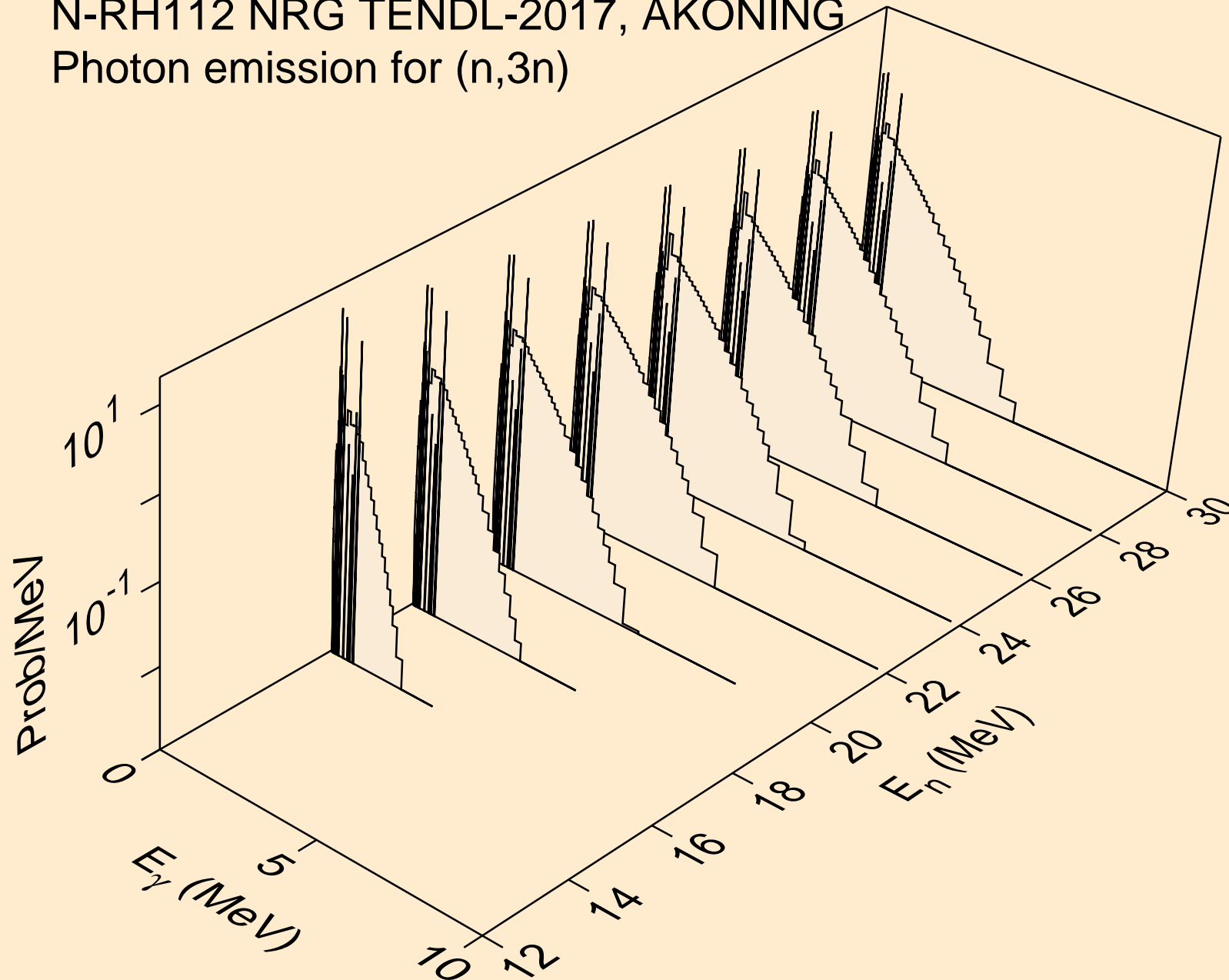


N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,2n)

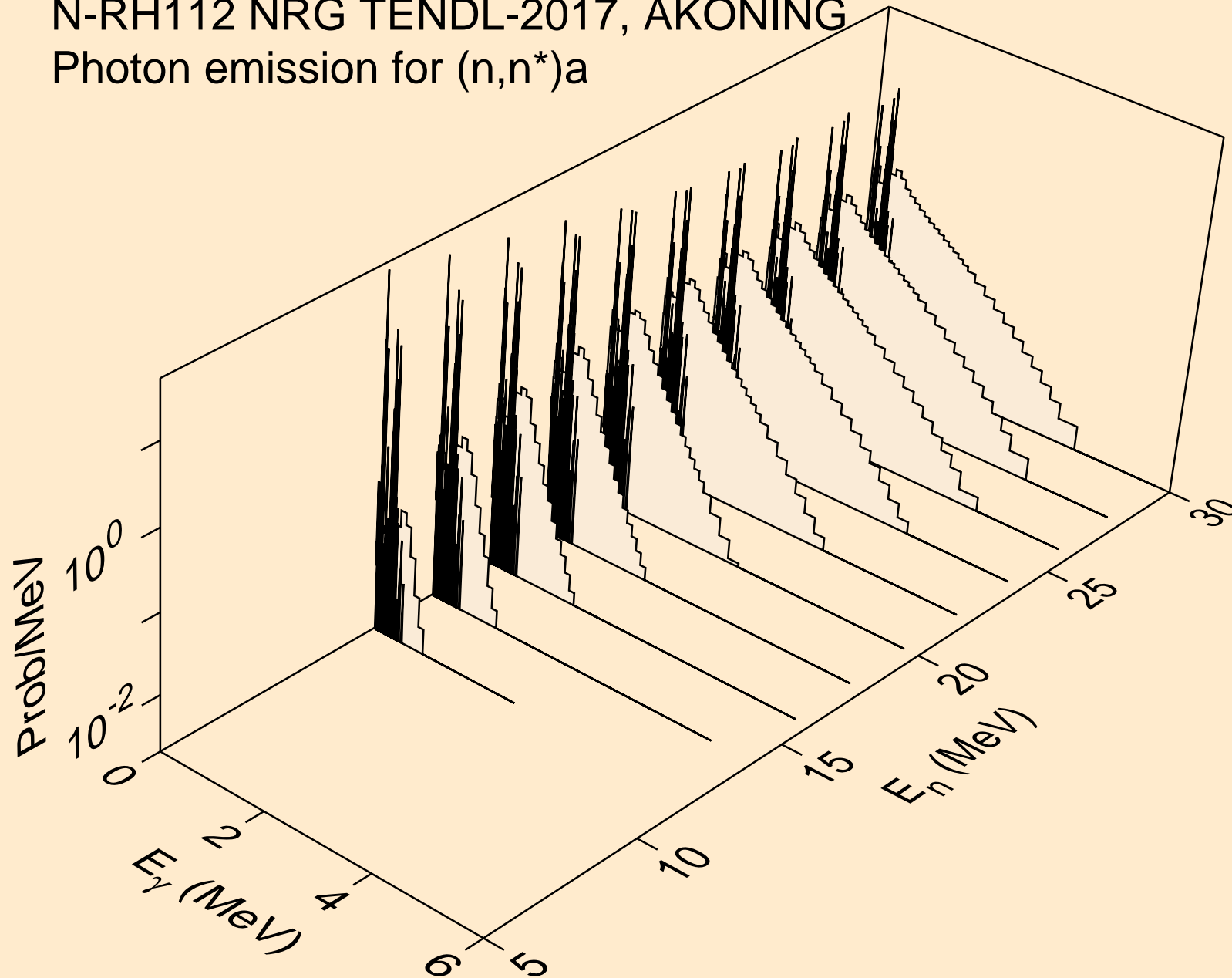




N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,3n)

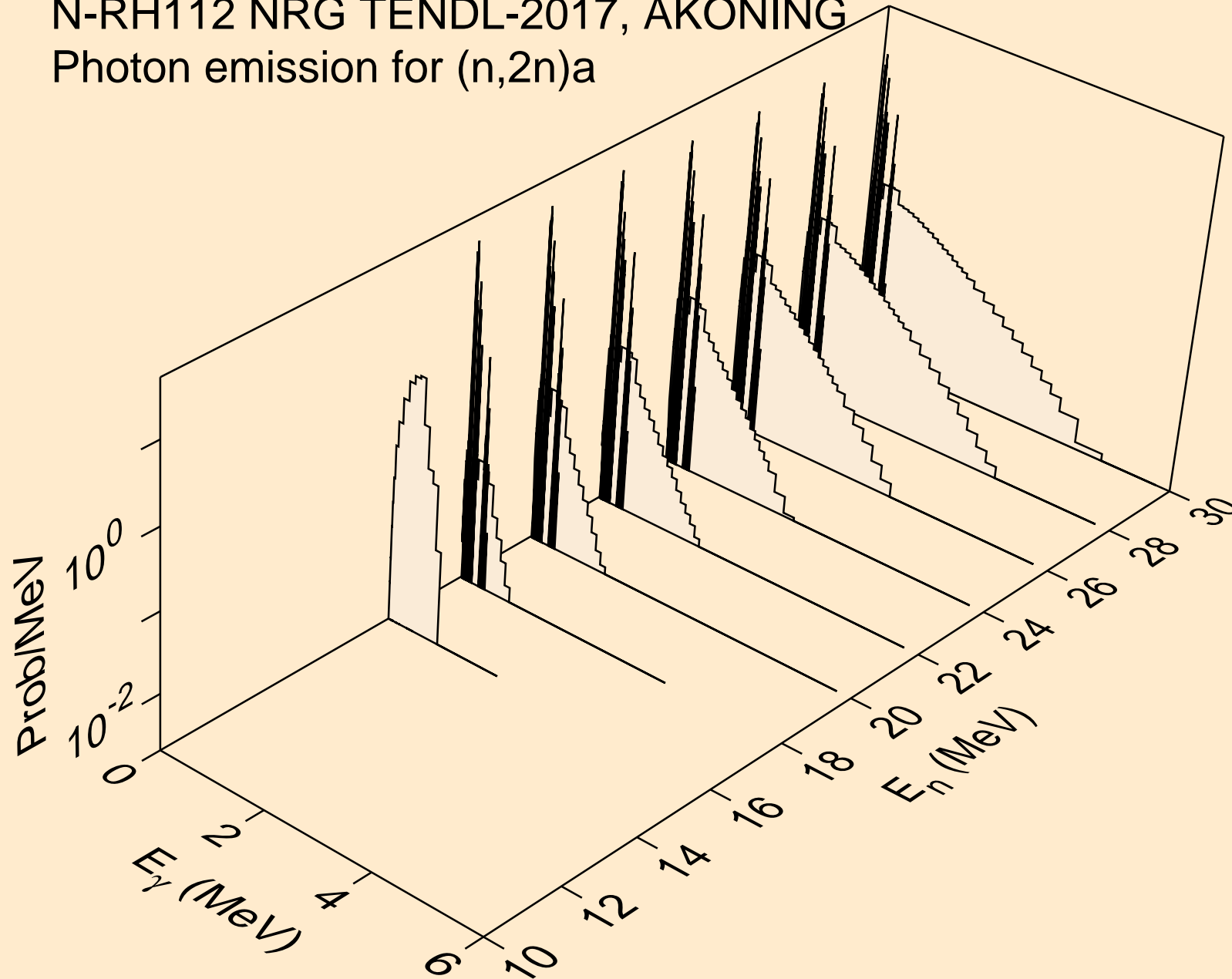


N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)a



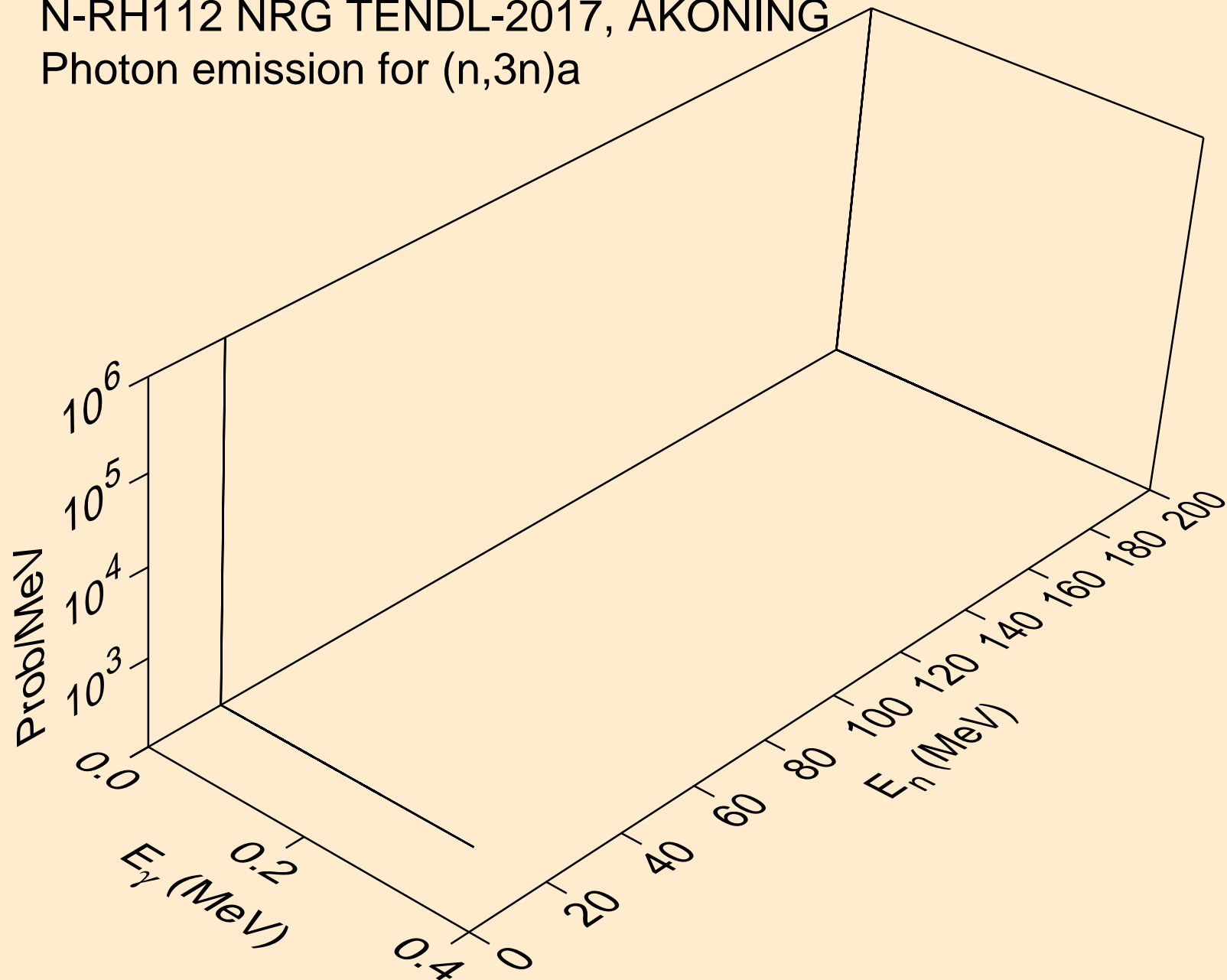
N-RH112 NRG TENDL-2017, AKONING

Photon emission for (n,2n)a

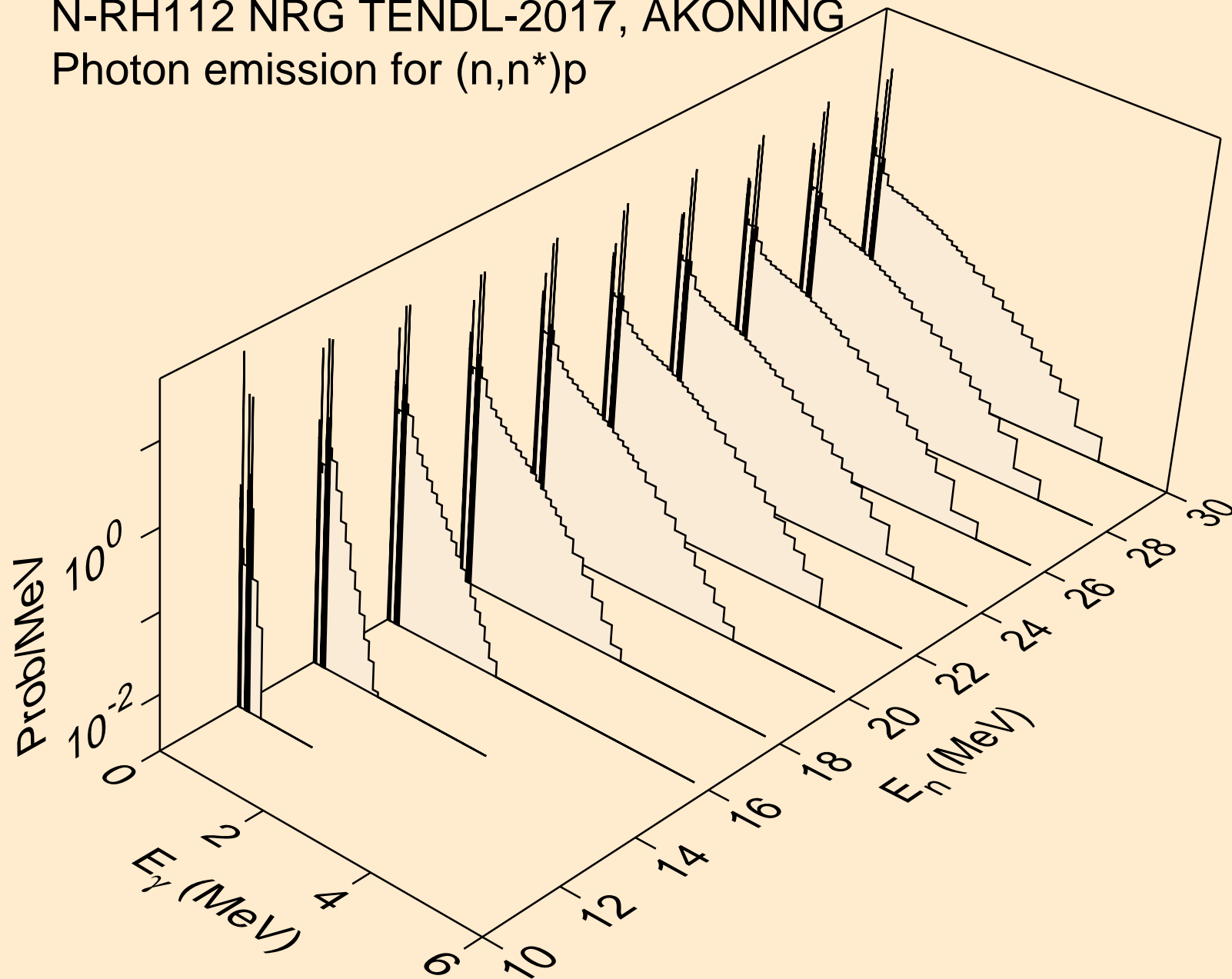


N-RH112 NRG TENDL-2017, AKONING

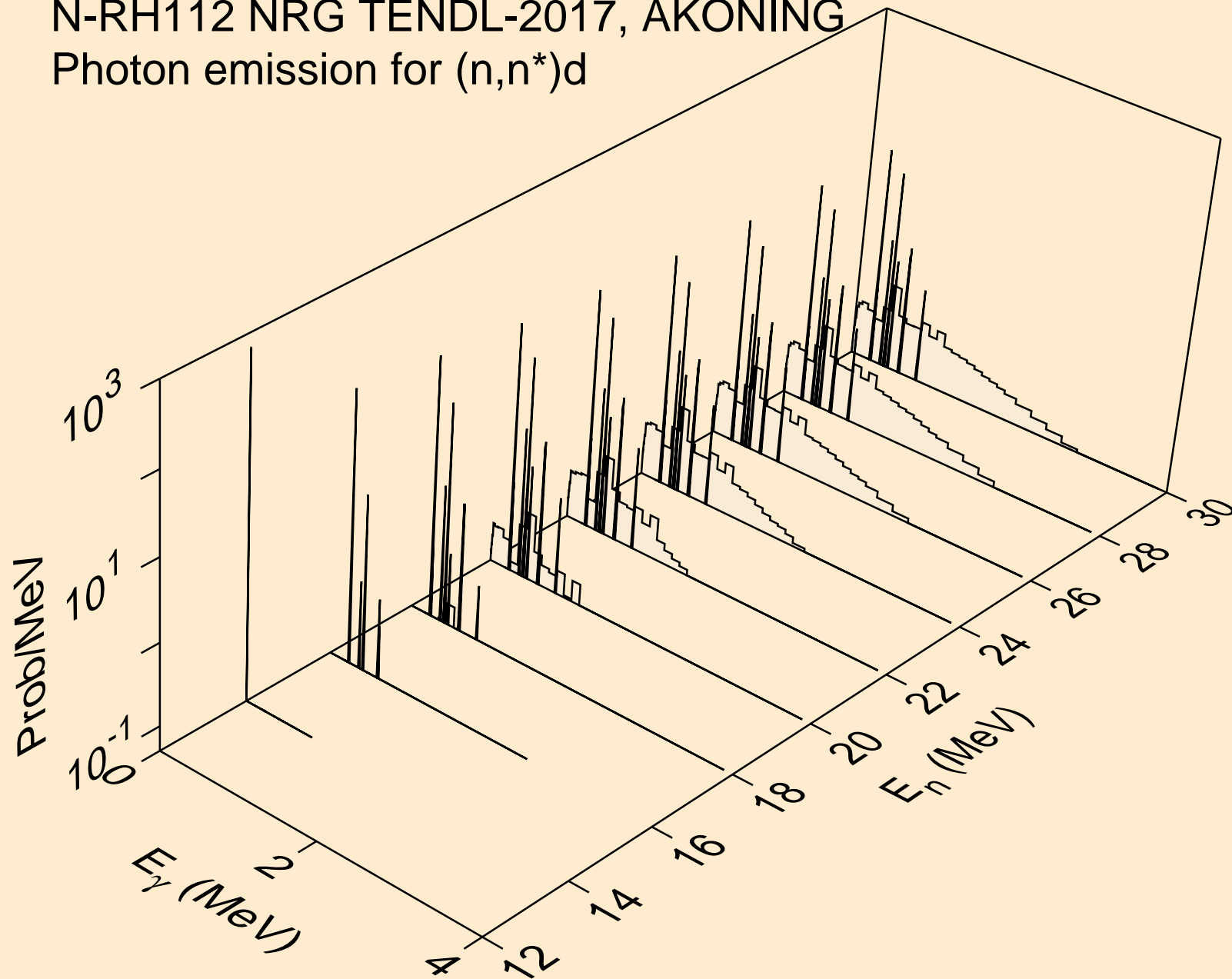
Photon emission for (n,3n)a



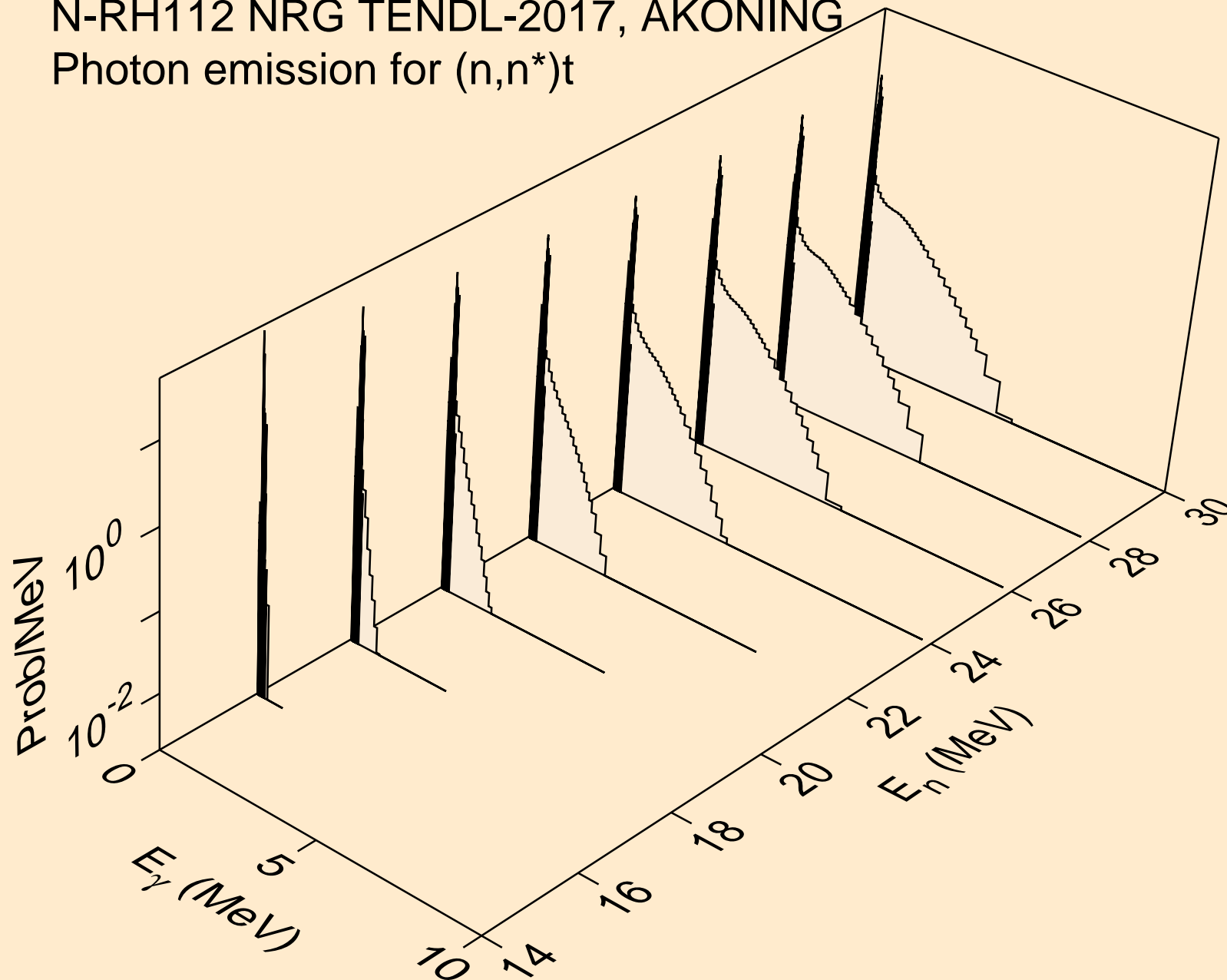
N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)p



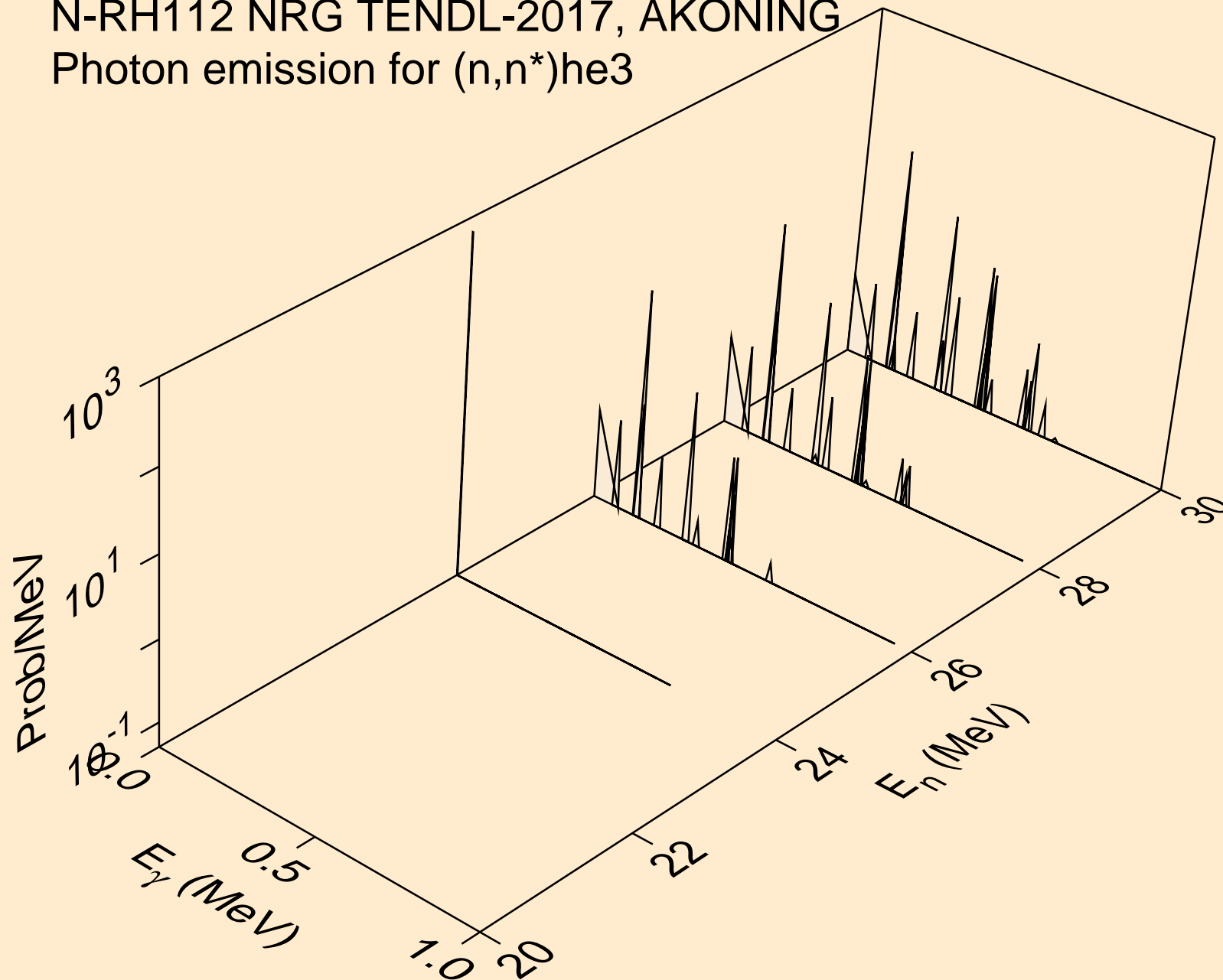
N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)d



N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)t

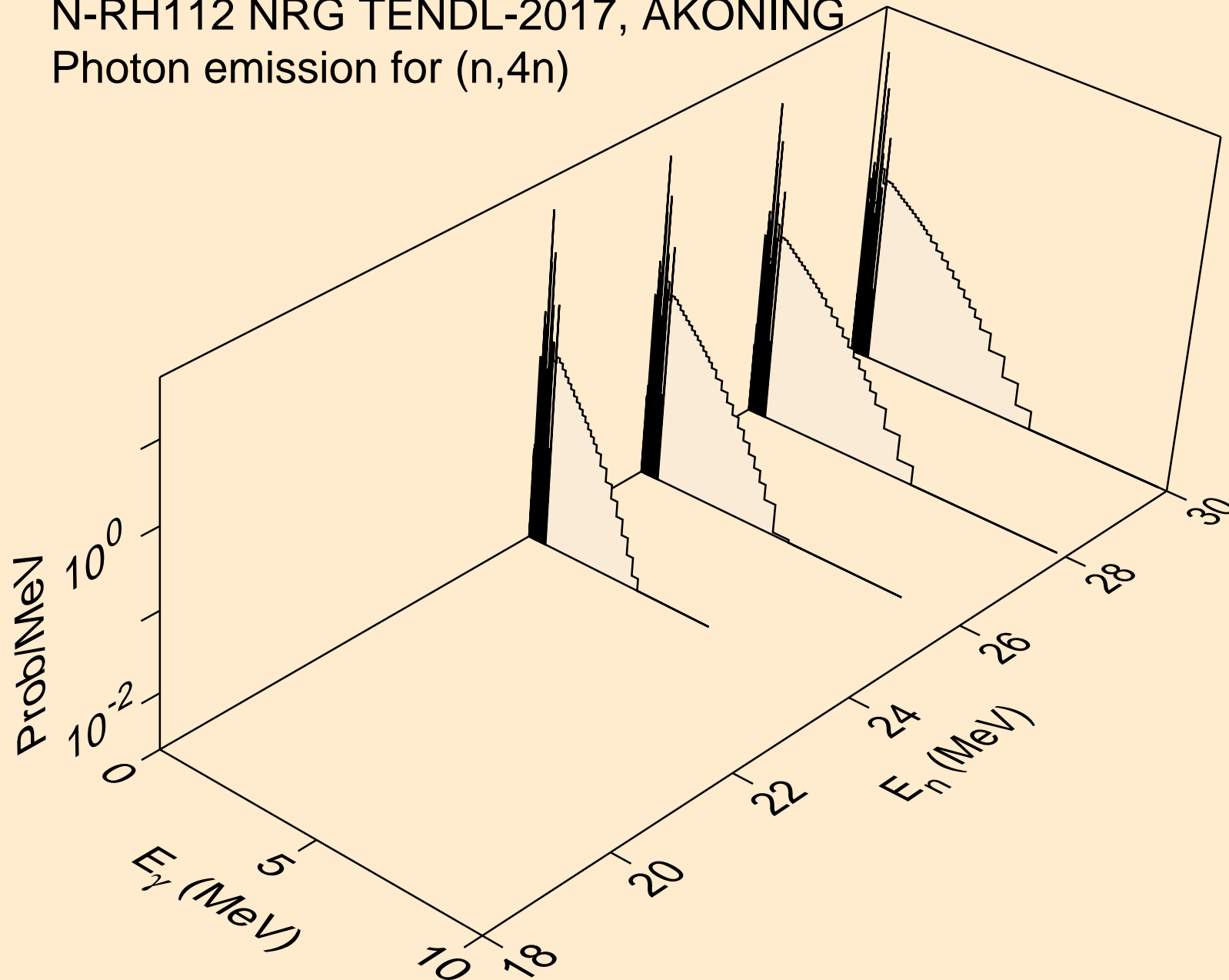


N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)he3

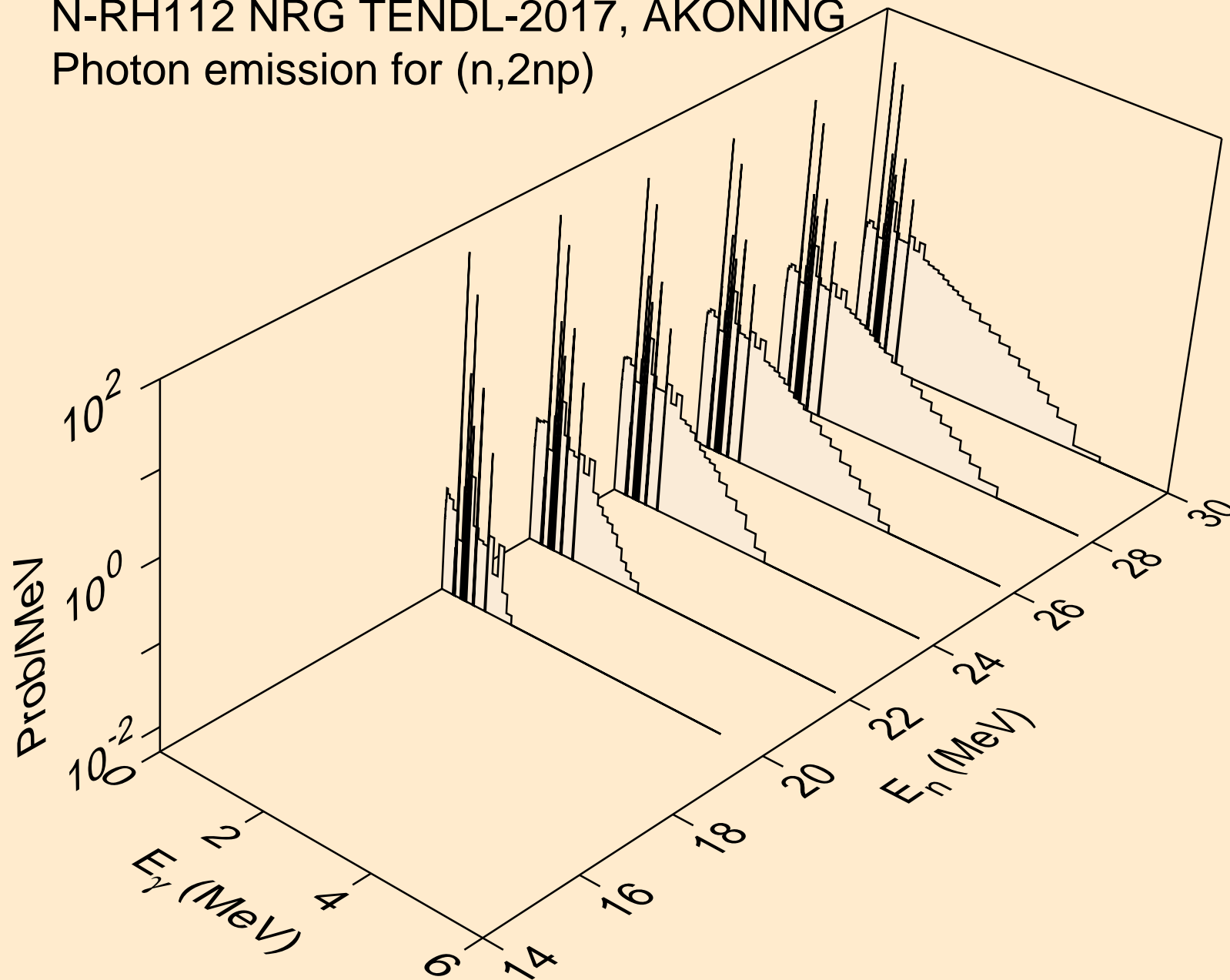




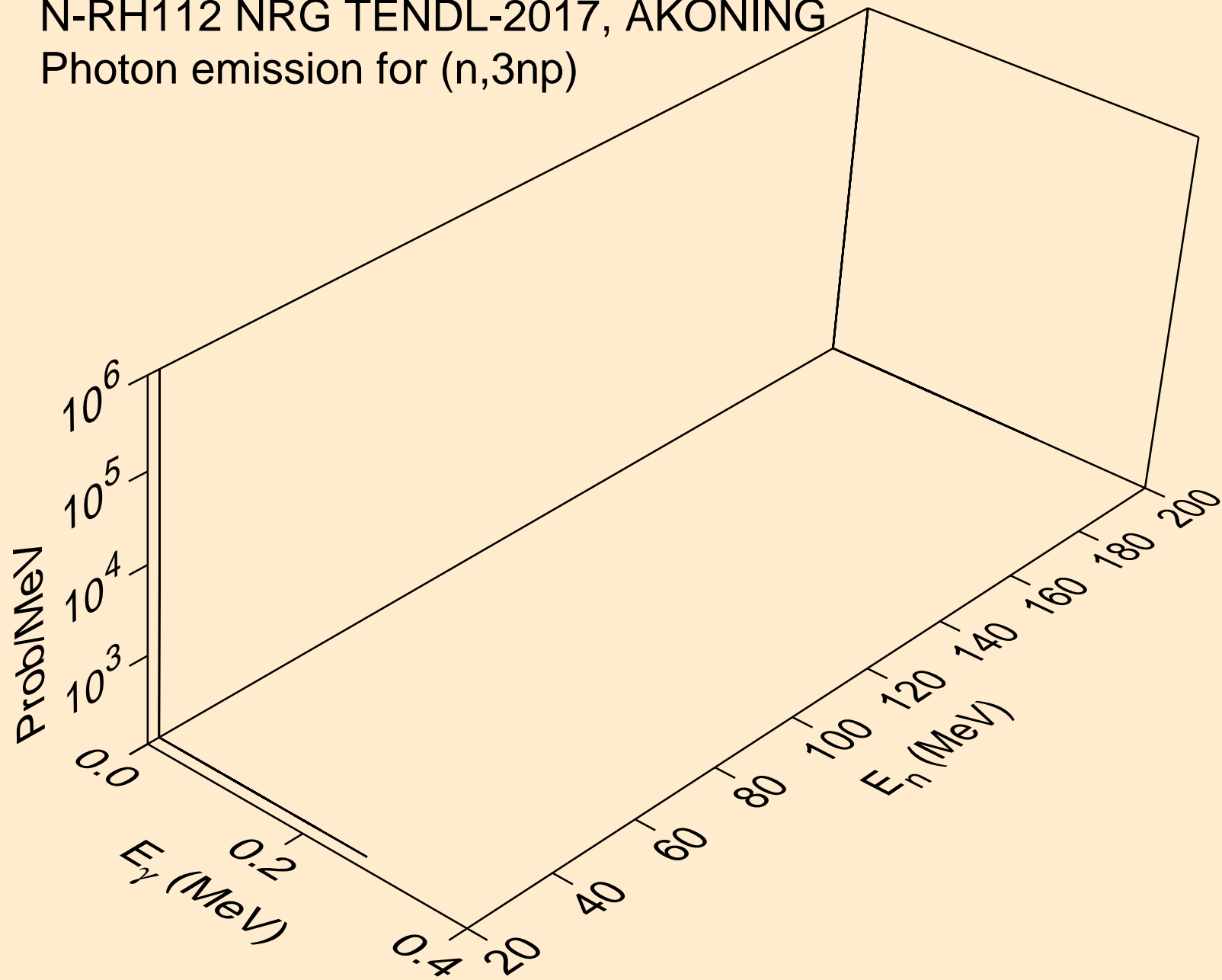
N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,4n)



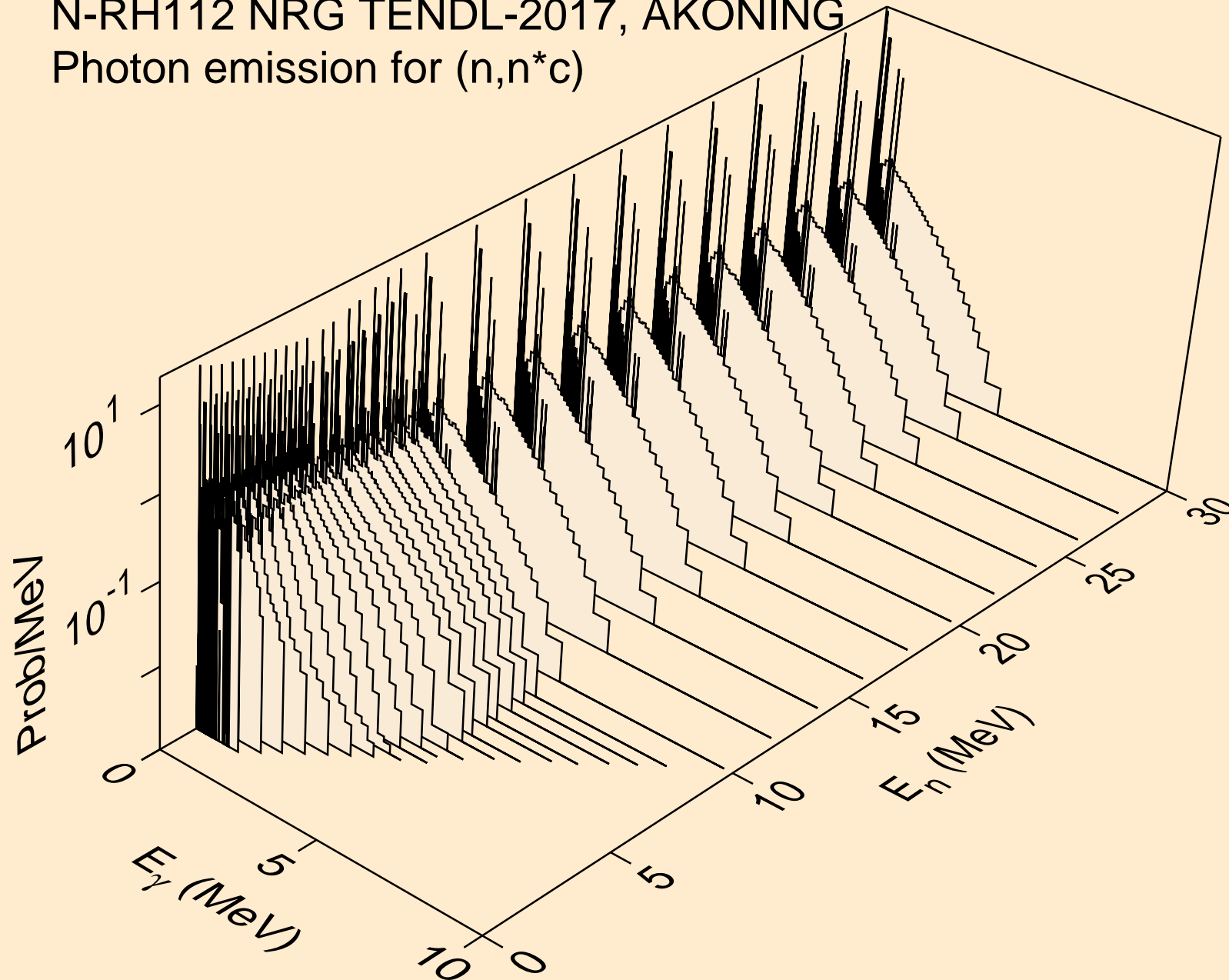
N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,2np)



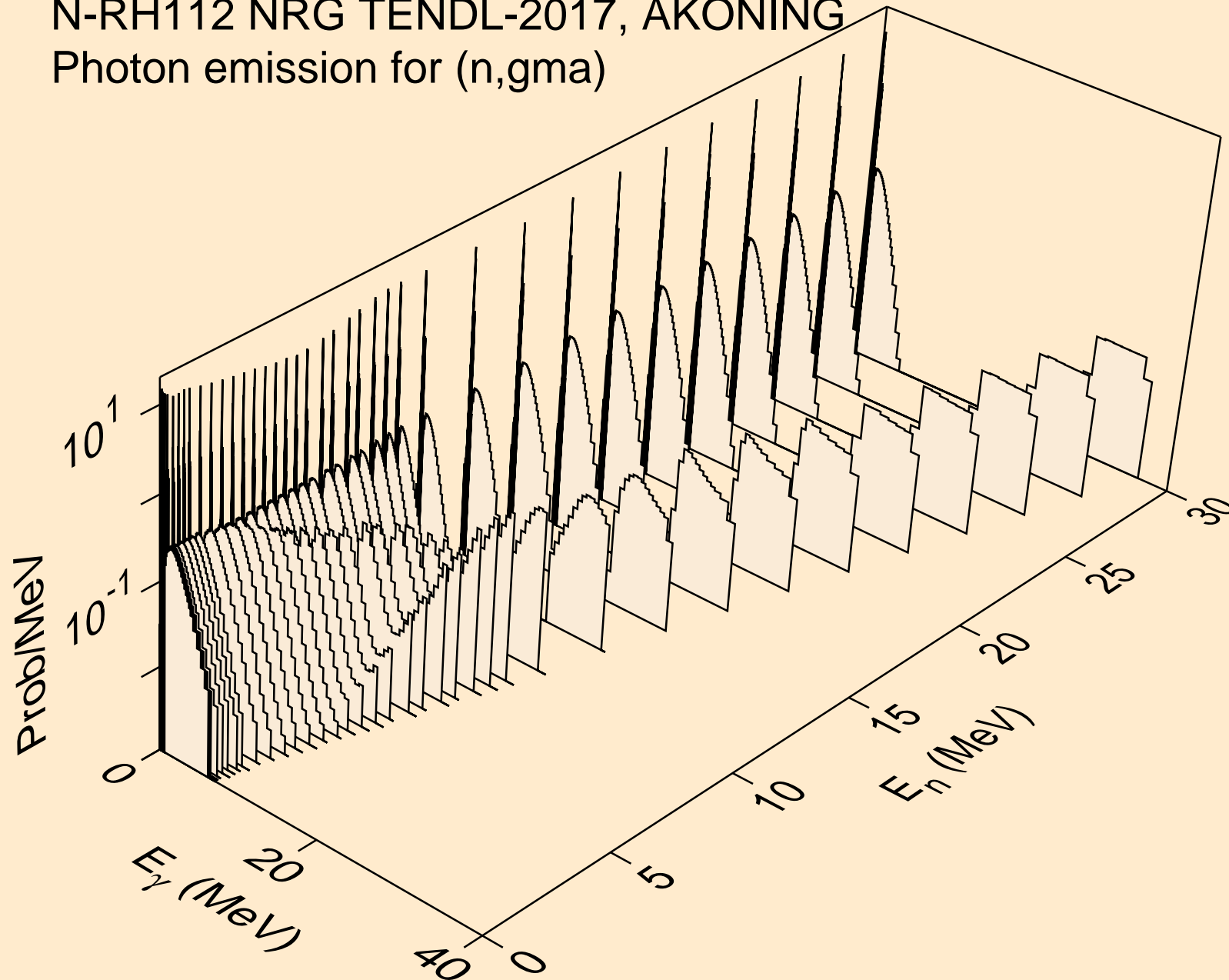
N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,3np)



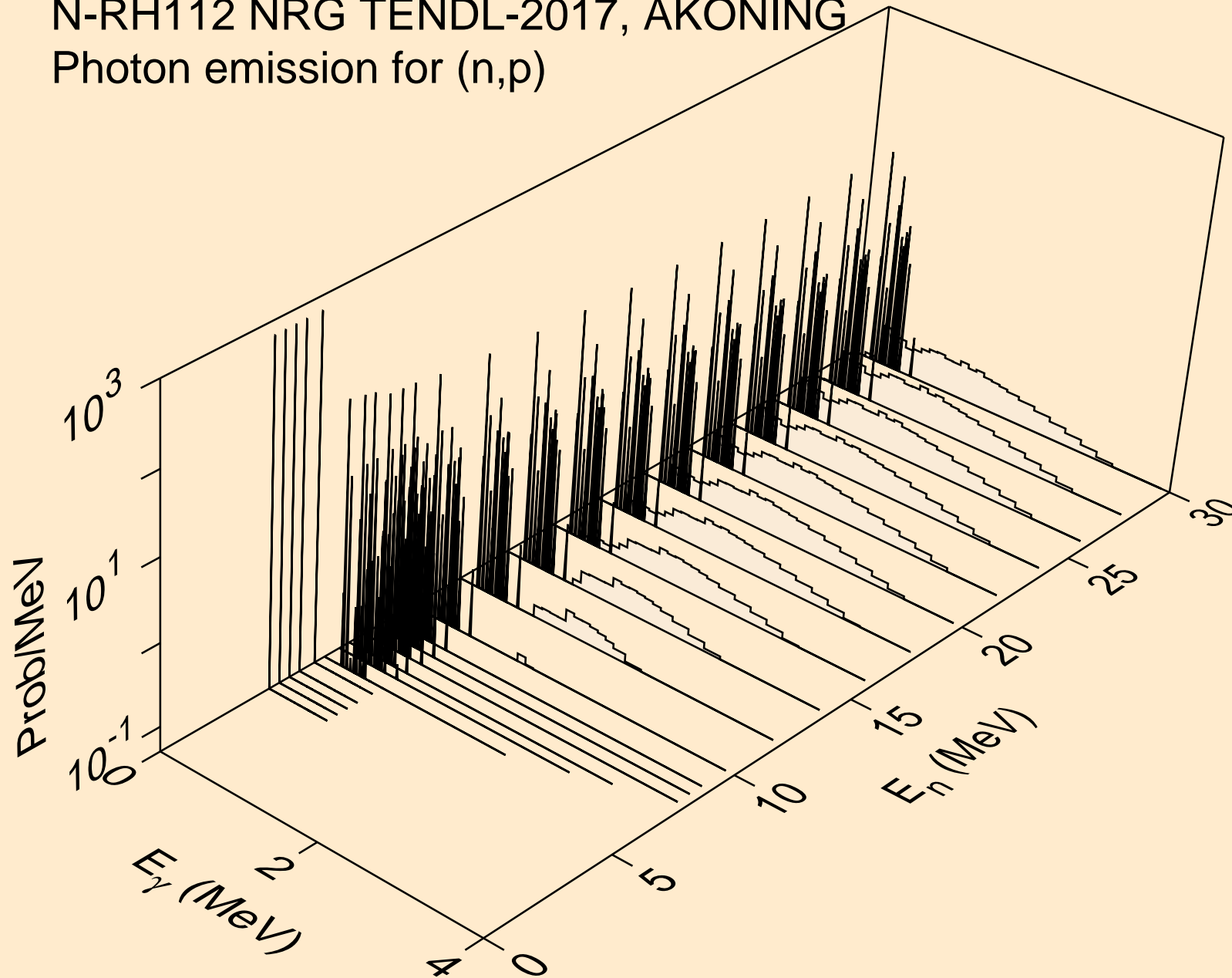
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Photon emission for (n,n\*c)



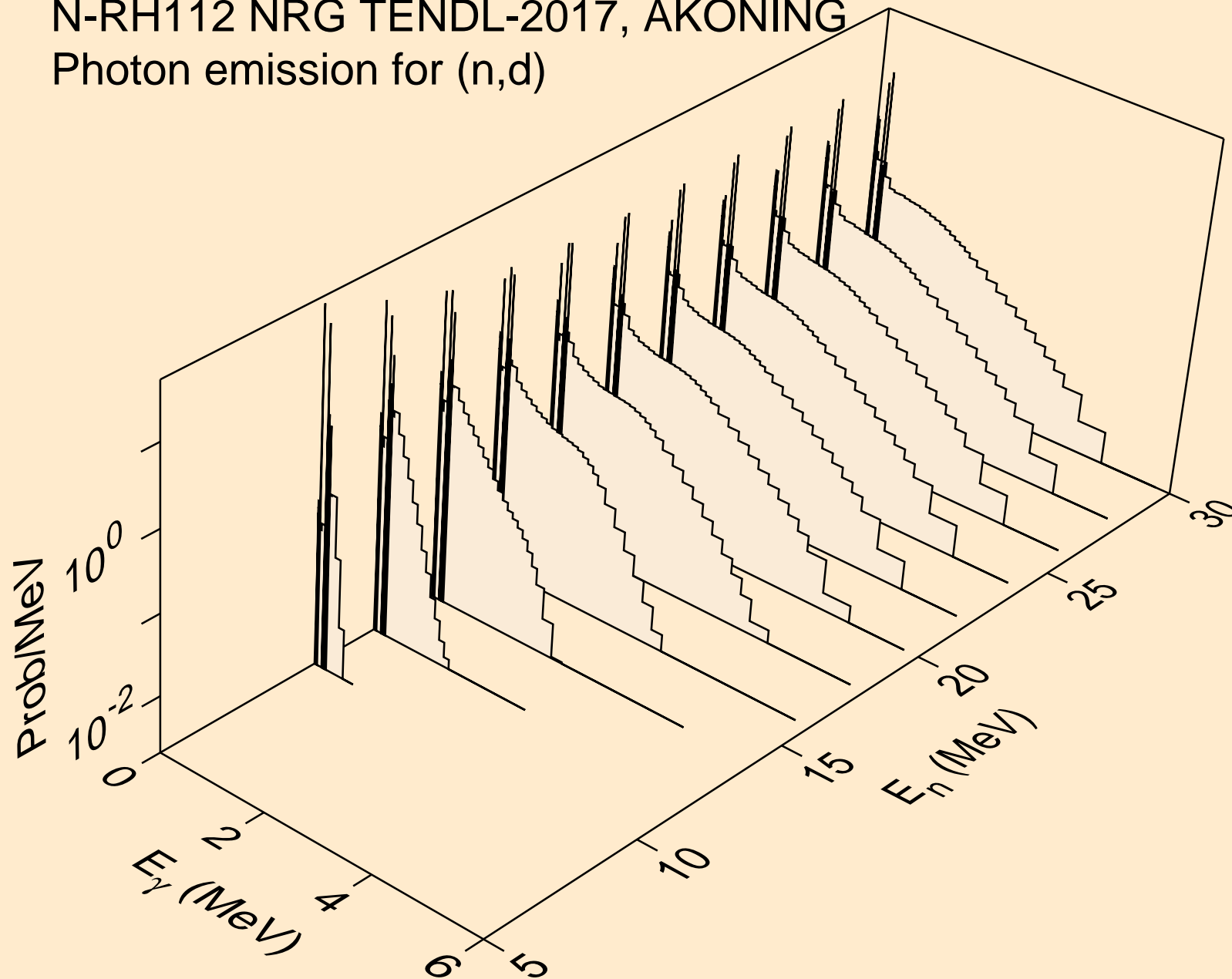
N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,gma)



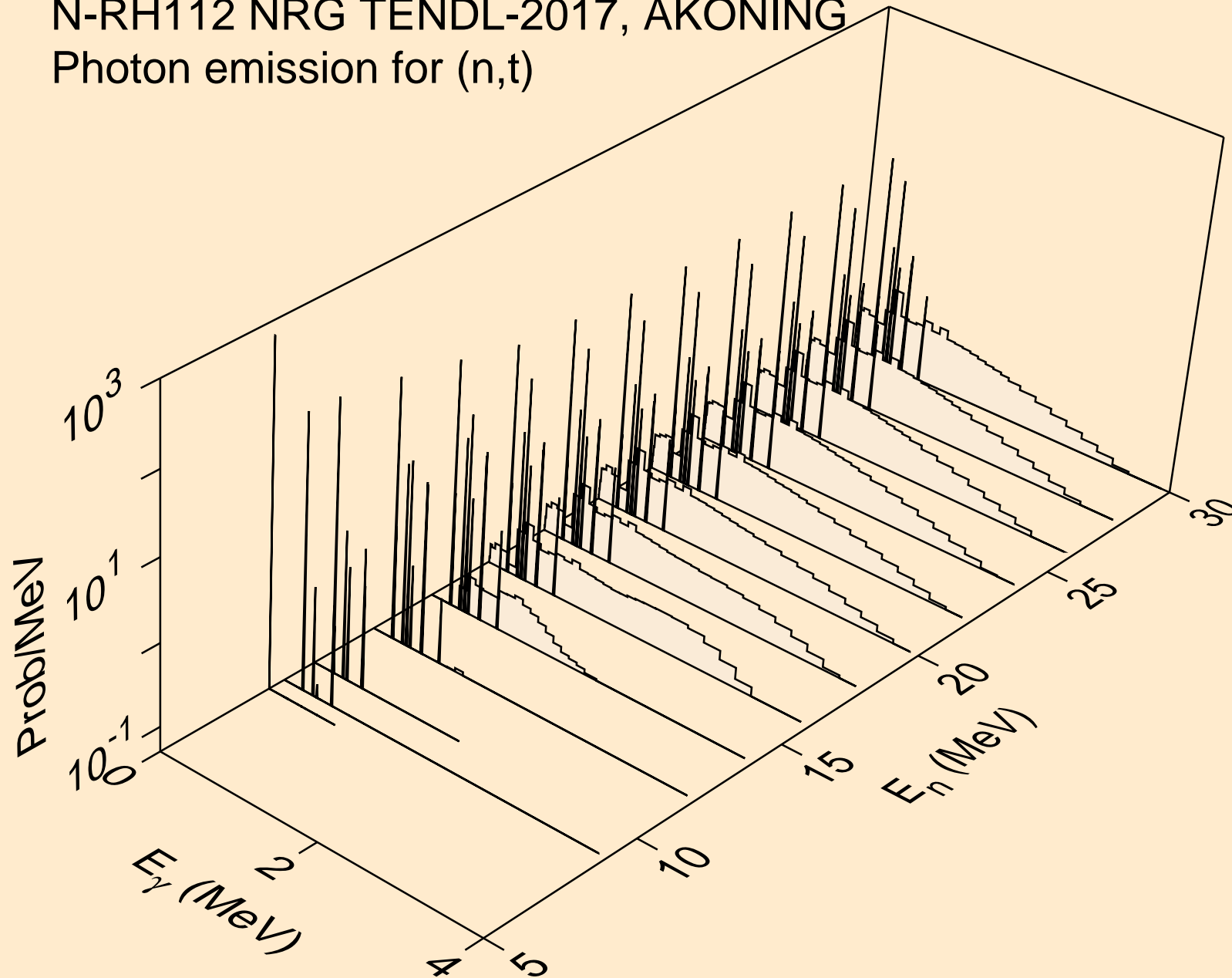
N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,p)



N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,d)

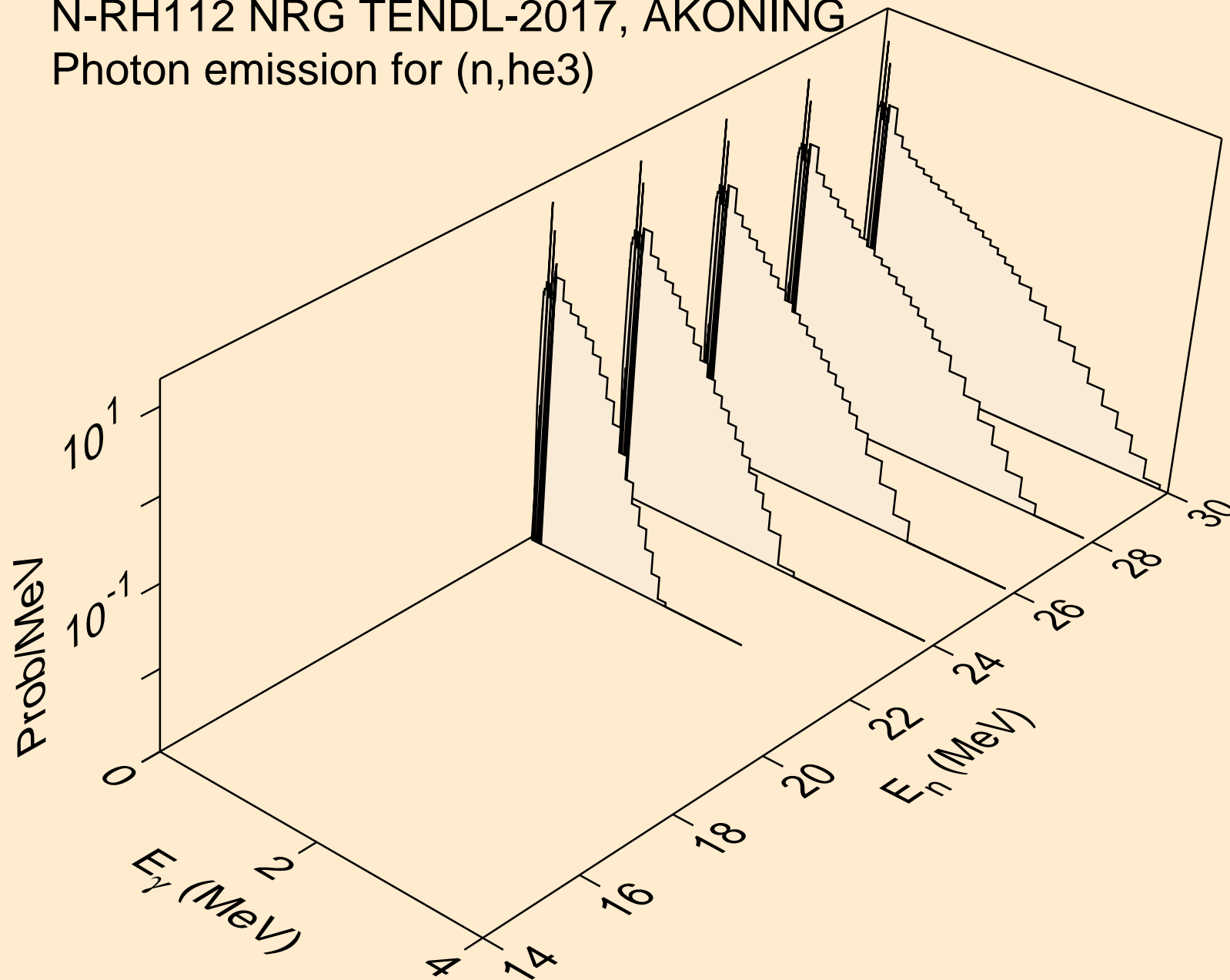


N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,t)

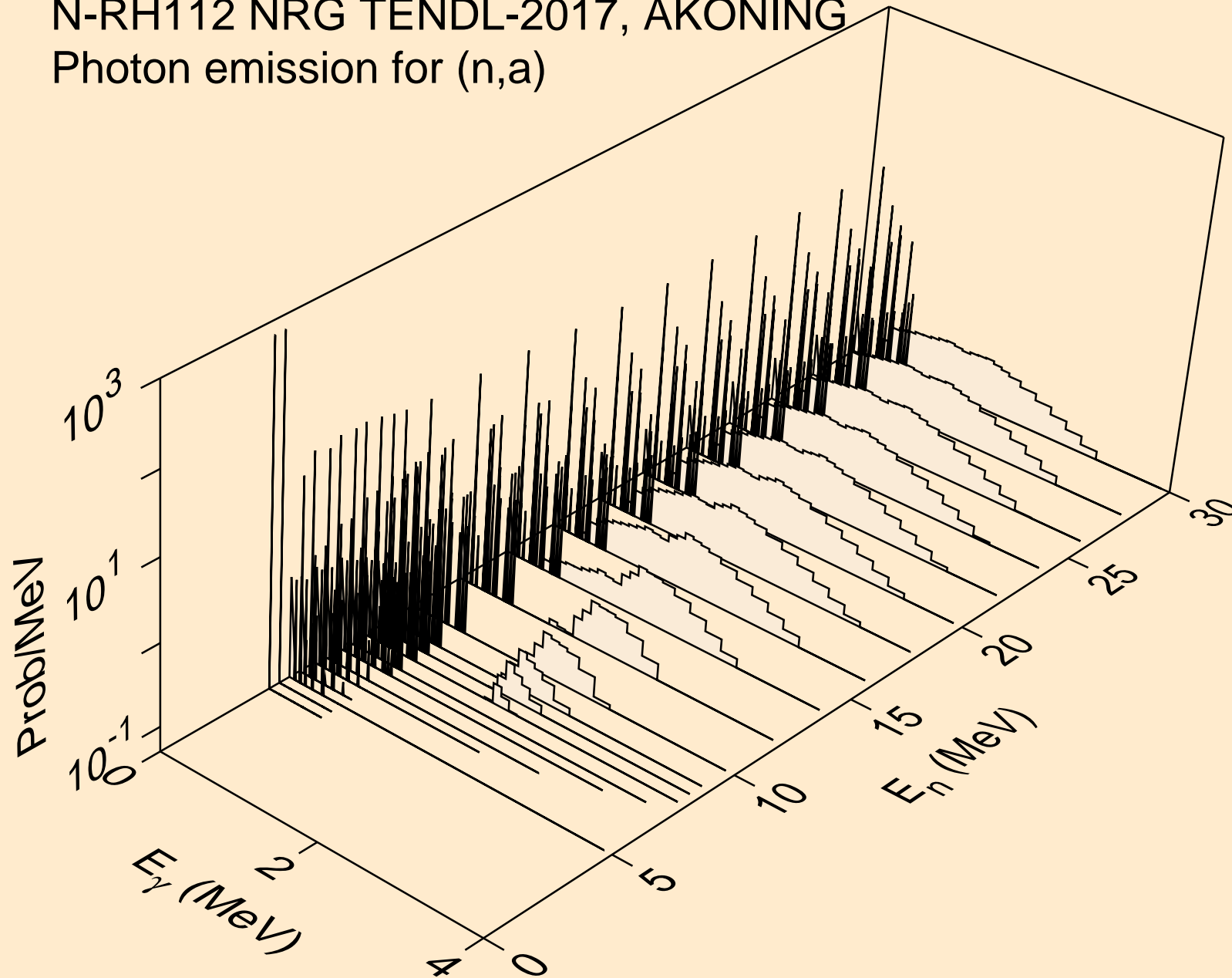




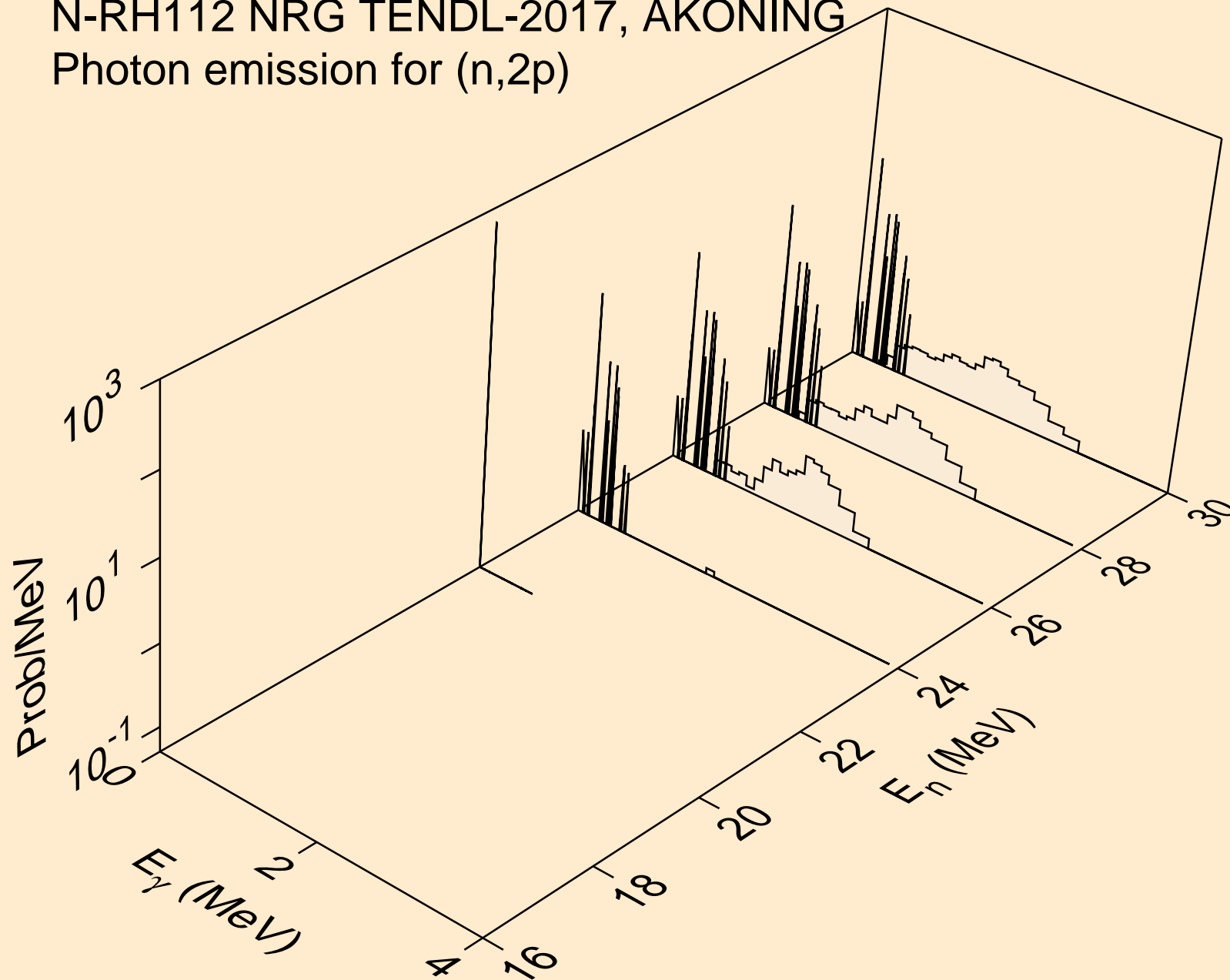
N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,he3)



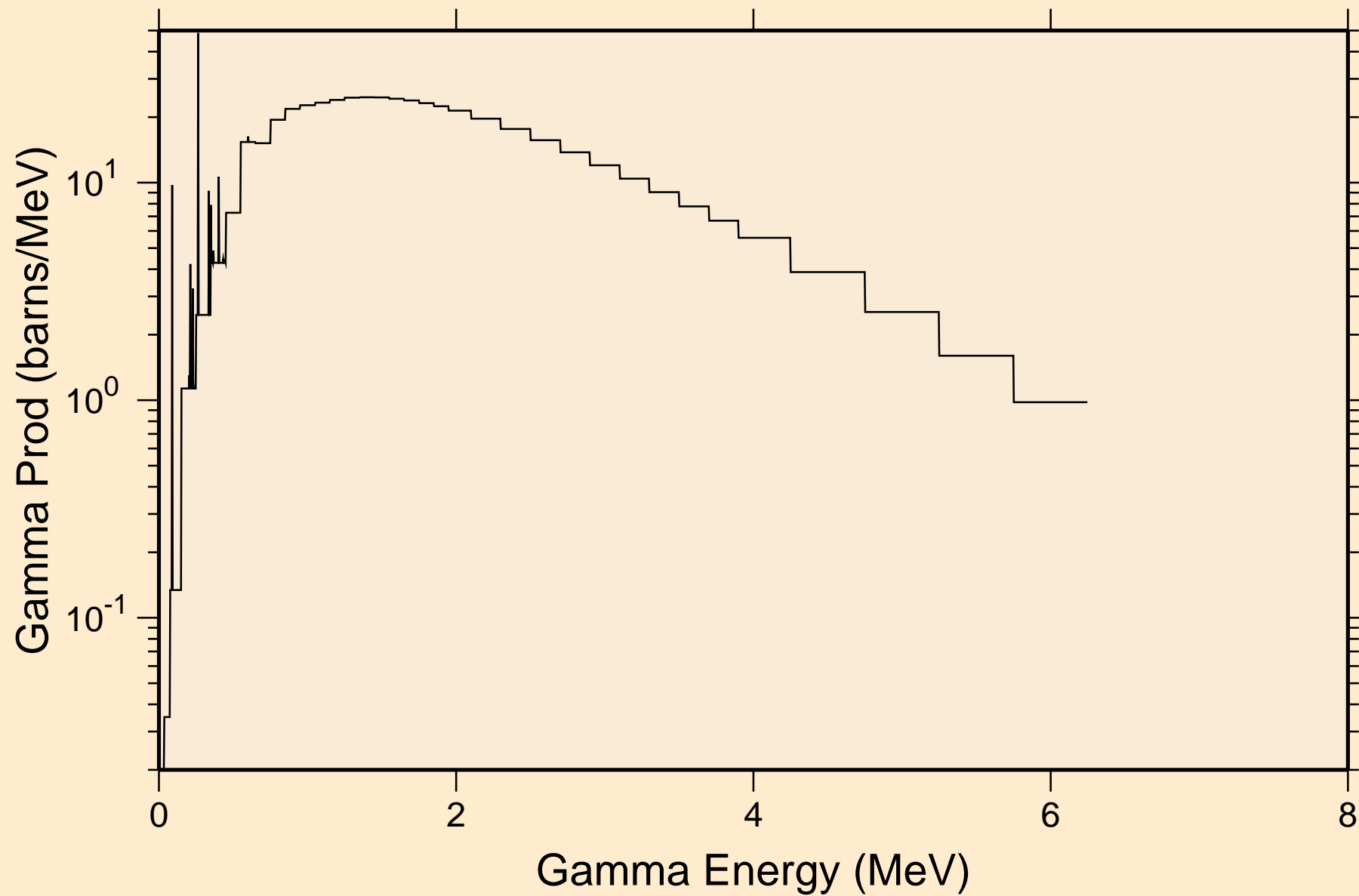
N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,a)



N-RH112 NRG TENDL-2017, AKONING  
Photon emission for (n,2p)

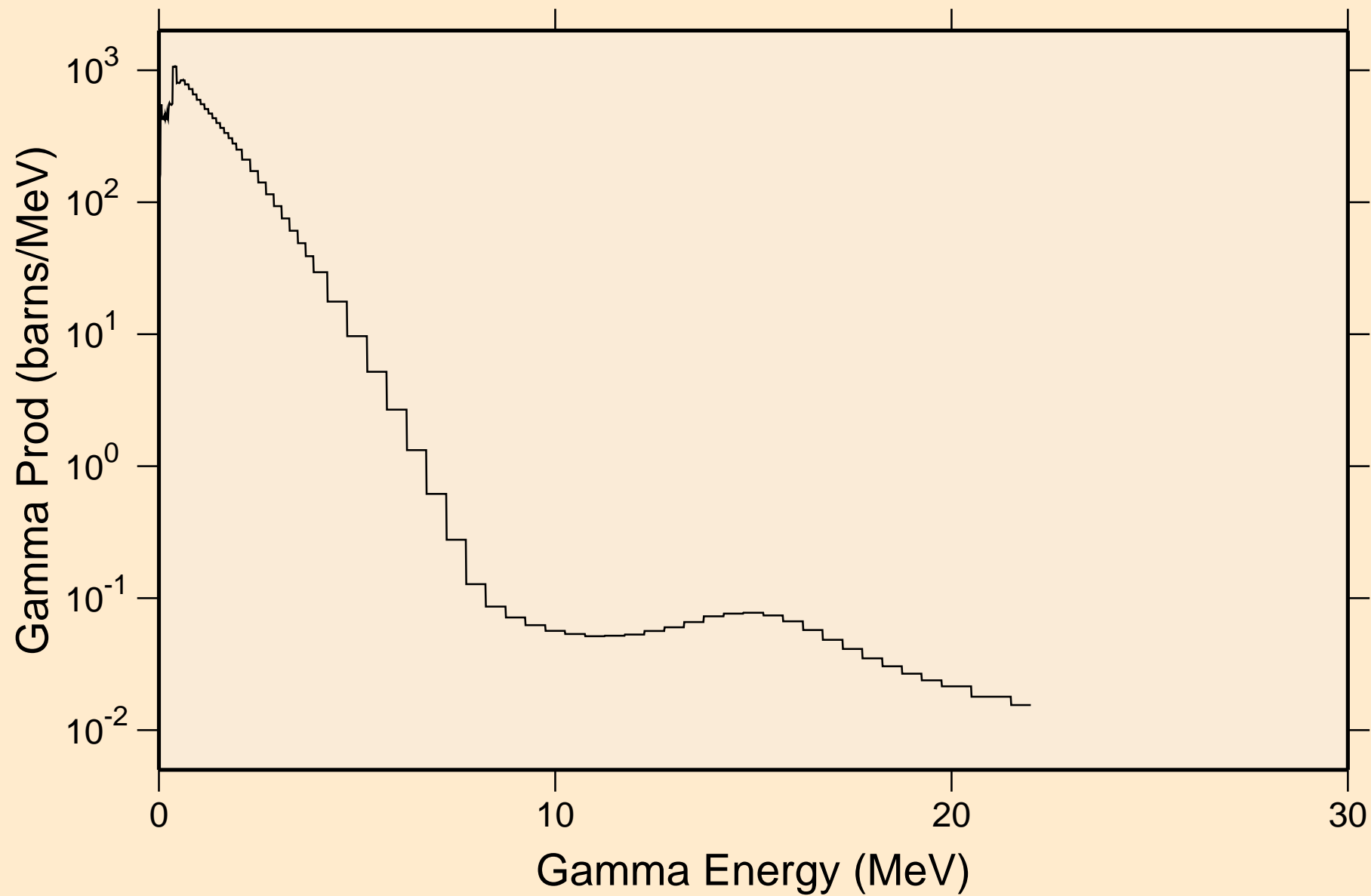


N-RH112 NRG TENDL-2017, AKONING  
thermal capture photon spectrum



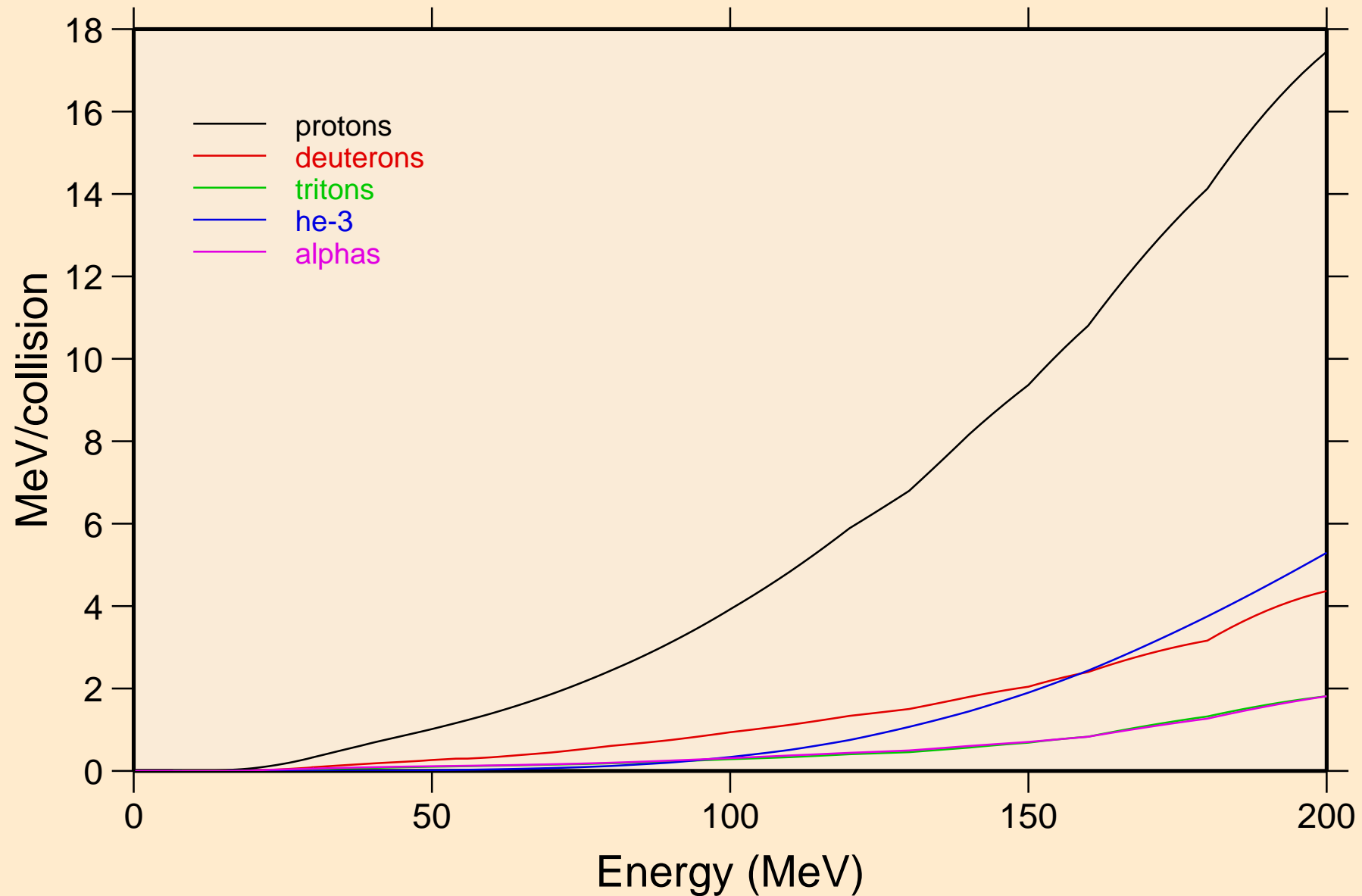
N-RH112 NRG TENDL-2017, AKONING

14 MeV photon spectrum



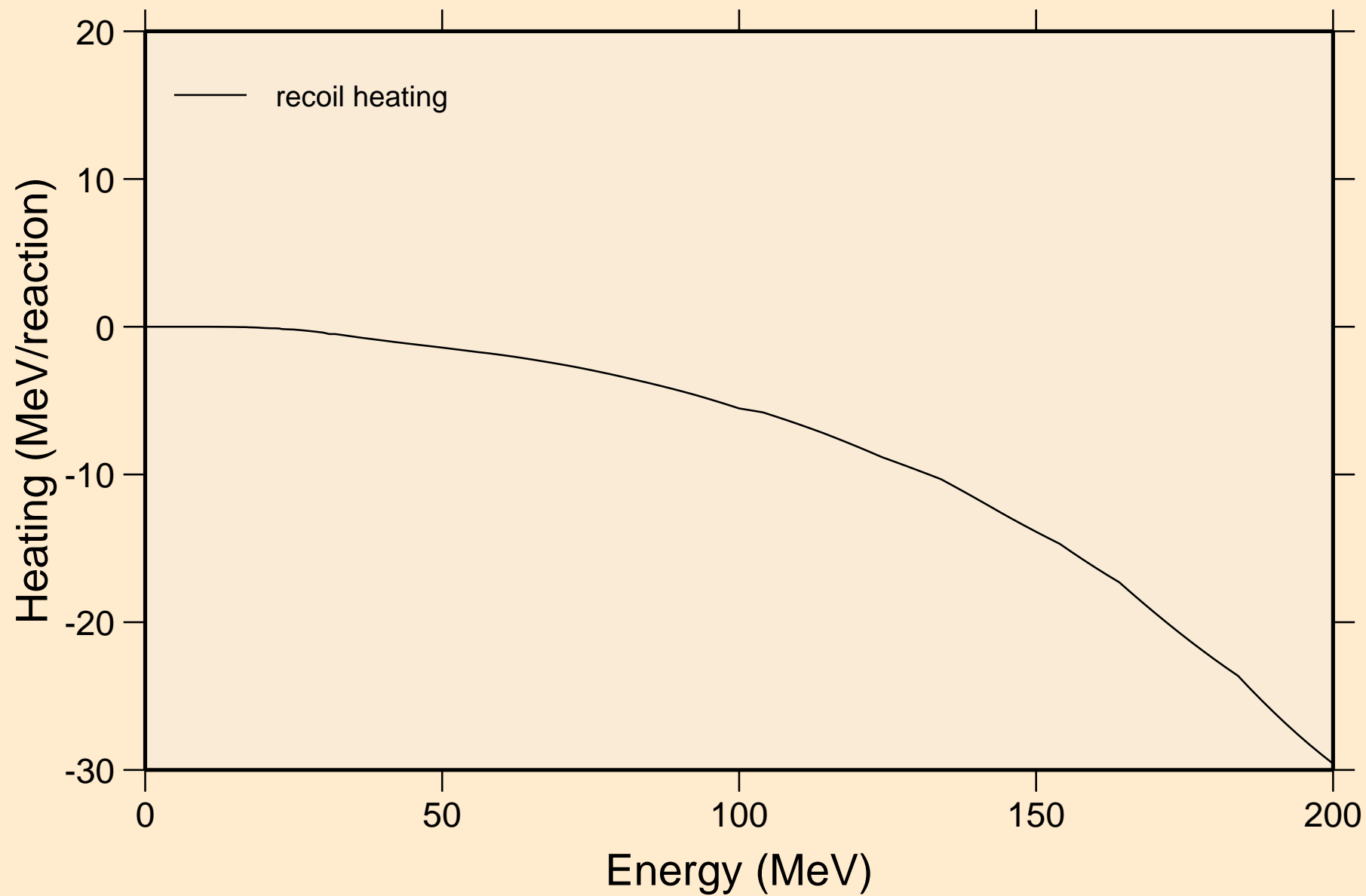
# N-RH112 NRG TENDL-2017, AKONING

## Particle heating contributions



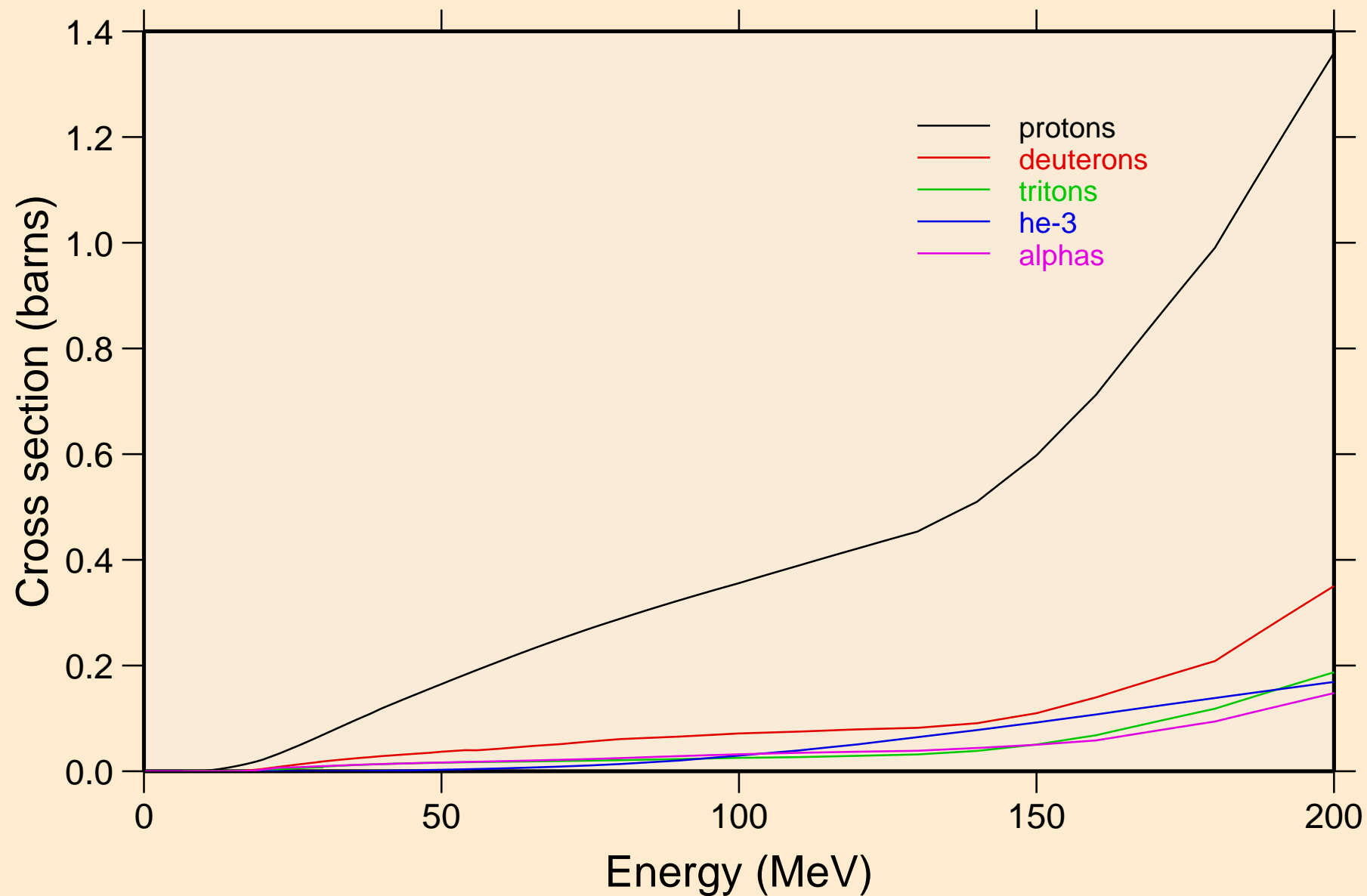
# N-RH112 NRG TENDL-2017, AKONING

## Recoil Heating



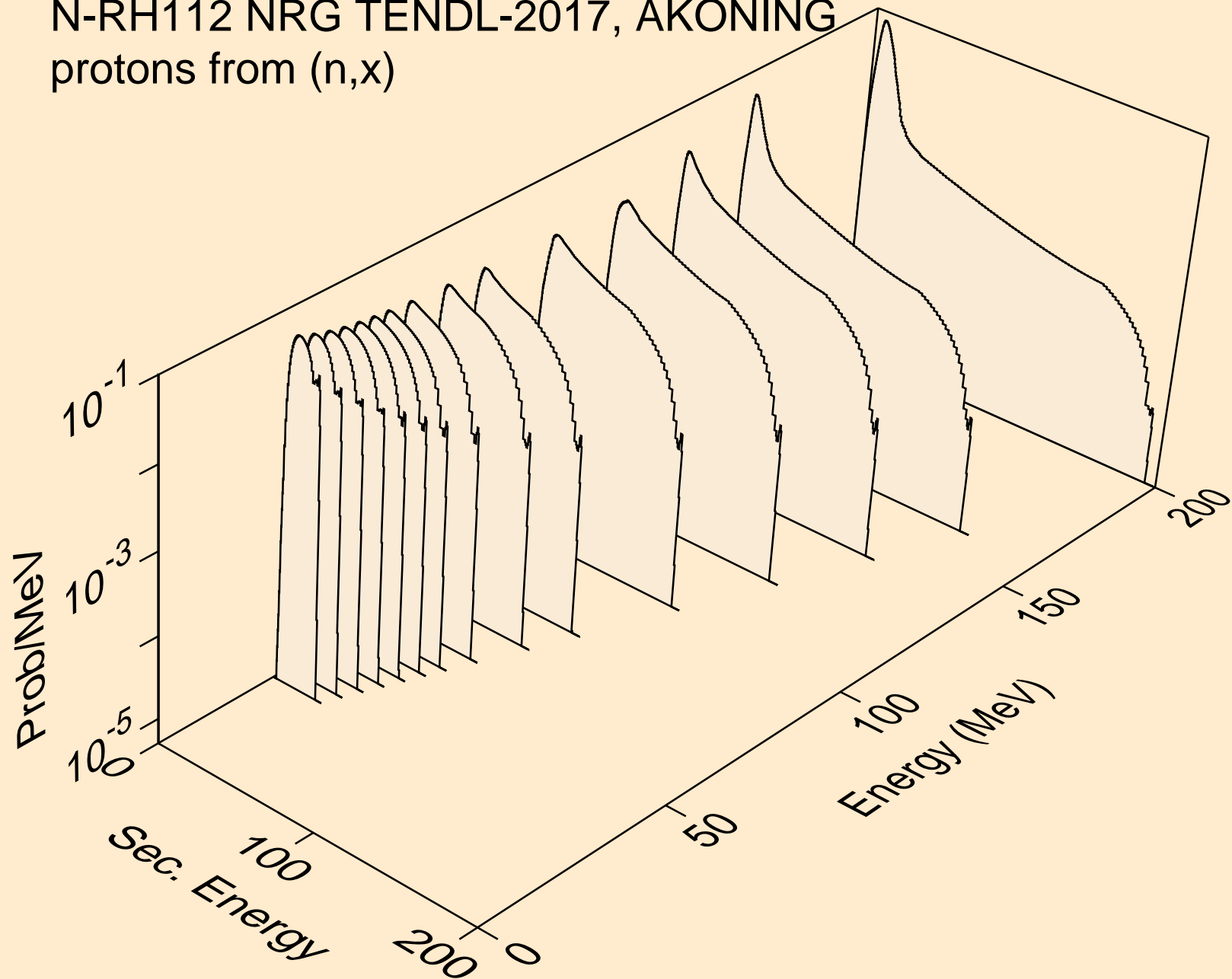
# N-RH112 NRG TENDL-2017, AKONING

## Particle production cross sections

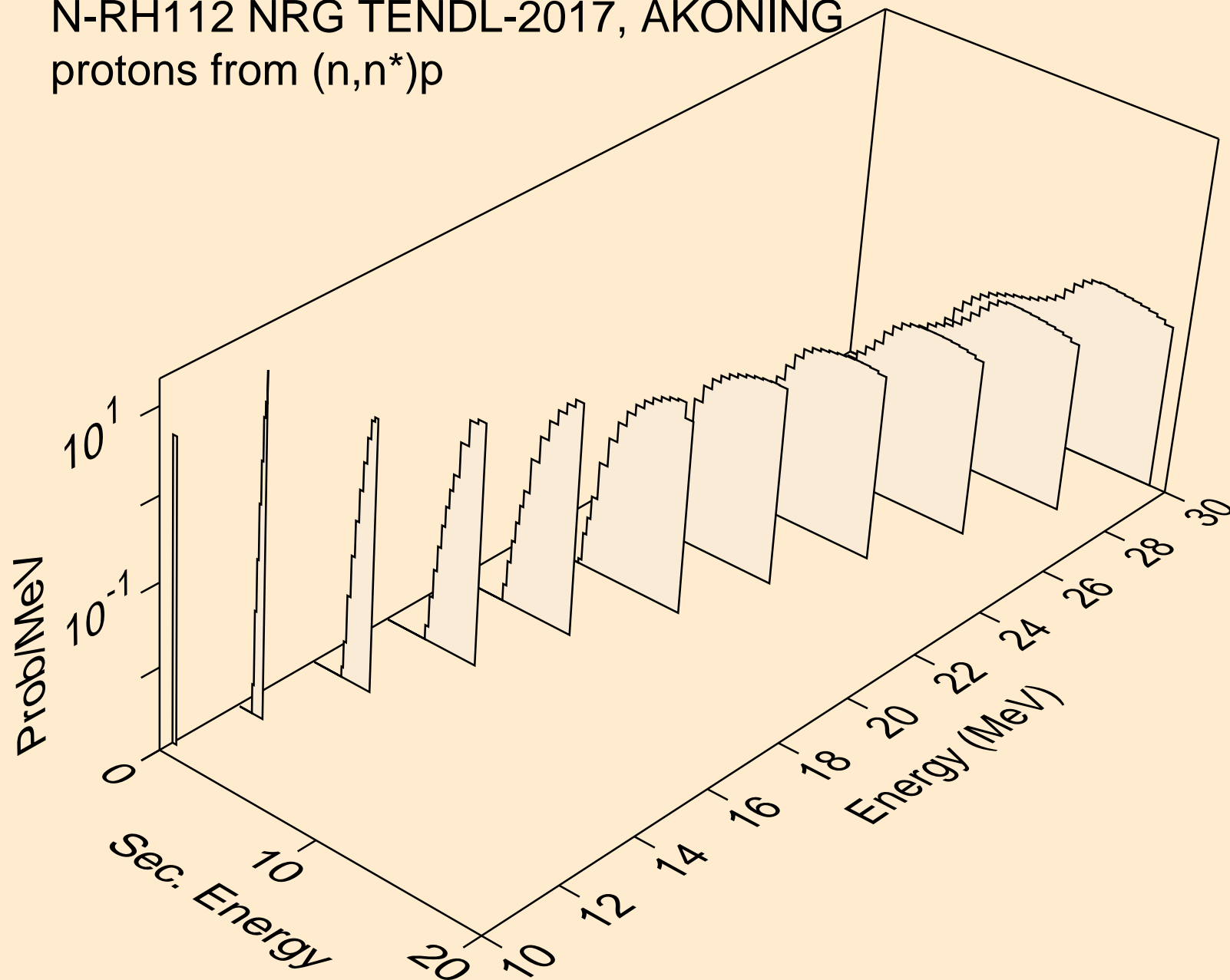




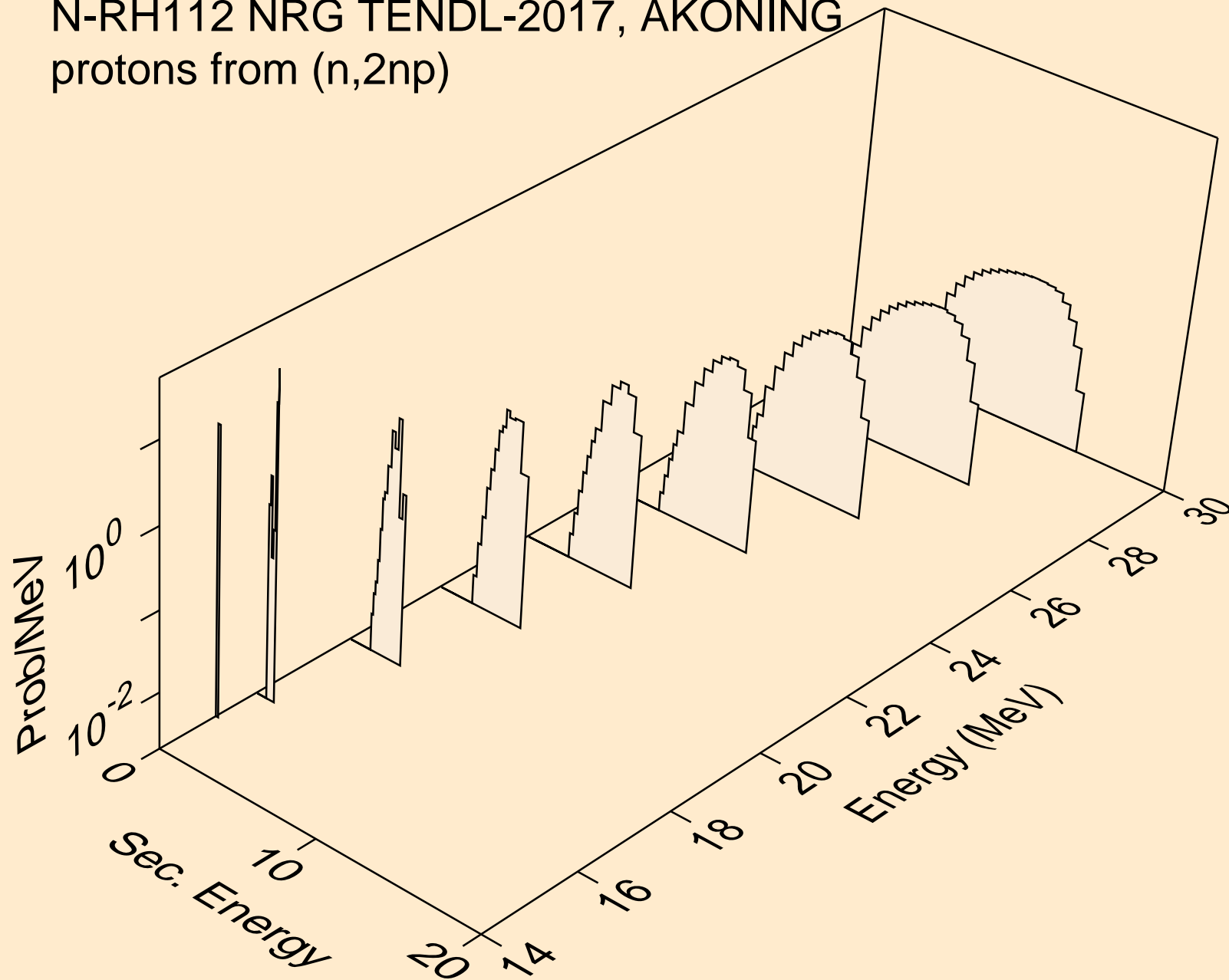
N-RH112 NRG TENDL-2017, AKONING  
protons from (n,x)



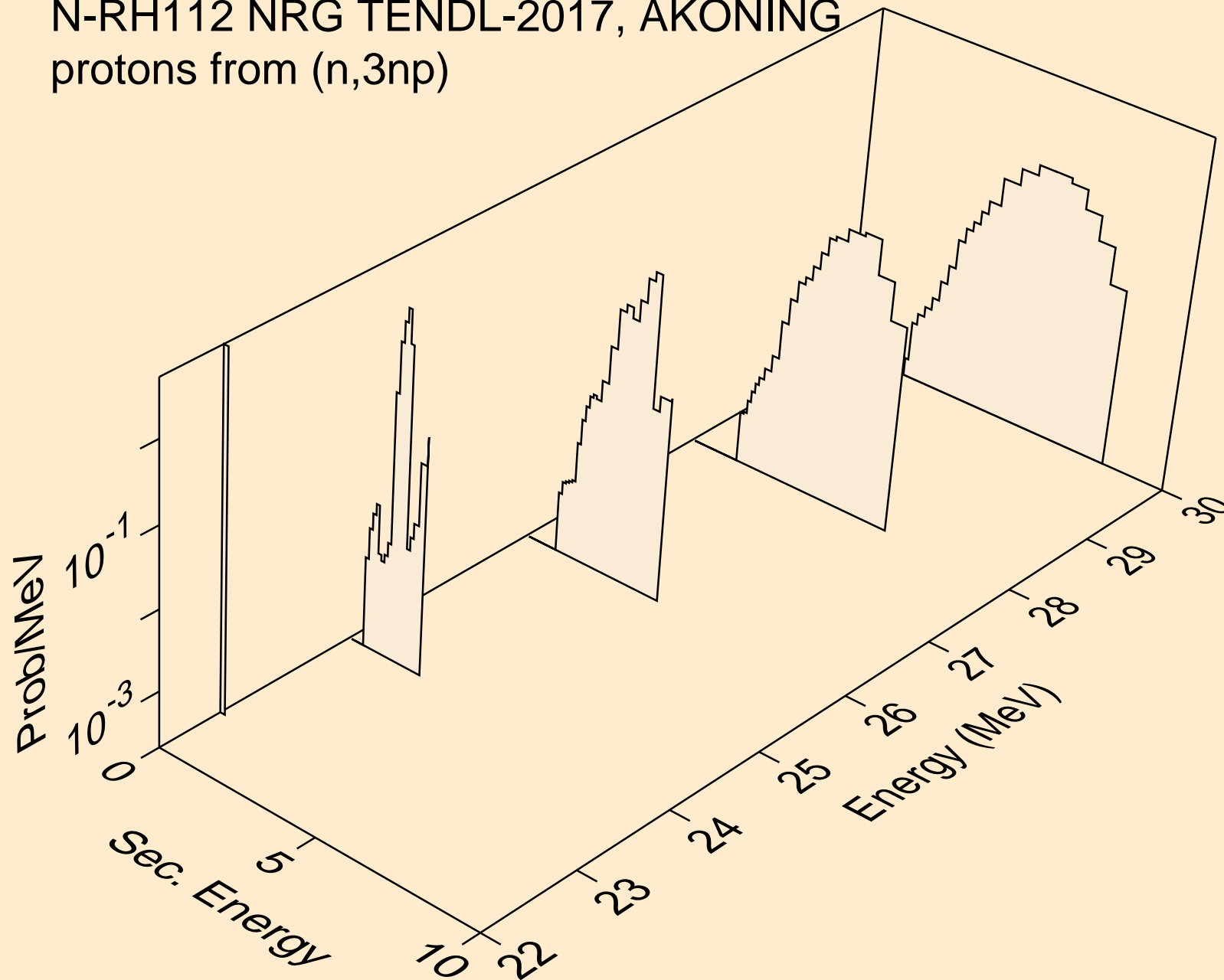
N-RH112 NRG TENDL-2017, AKONING  
protons from  $(n,n^*)p$



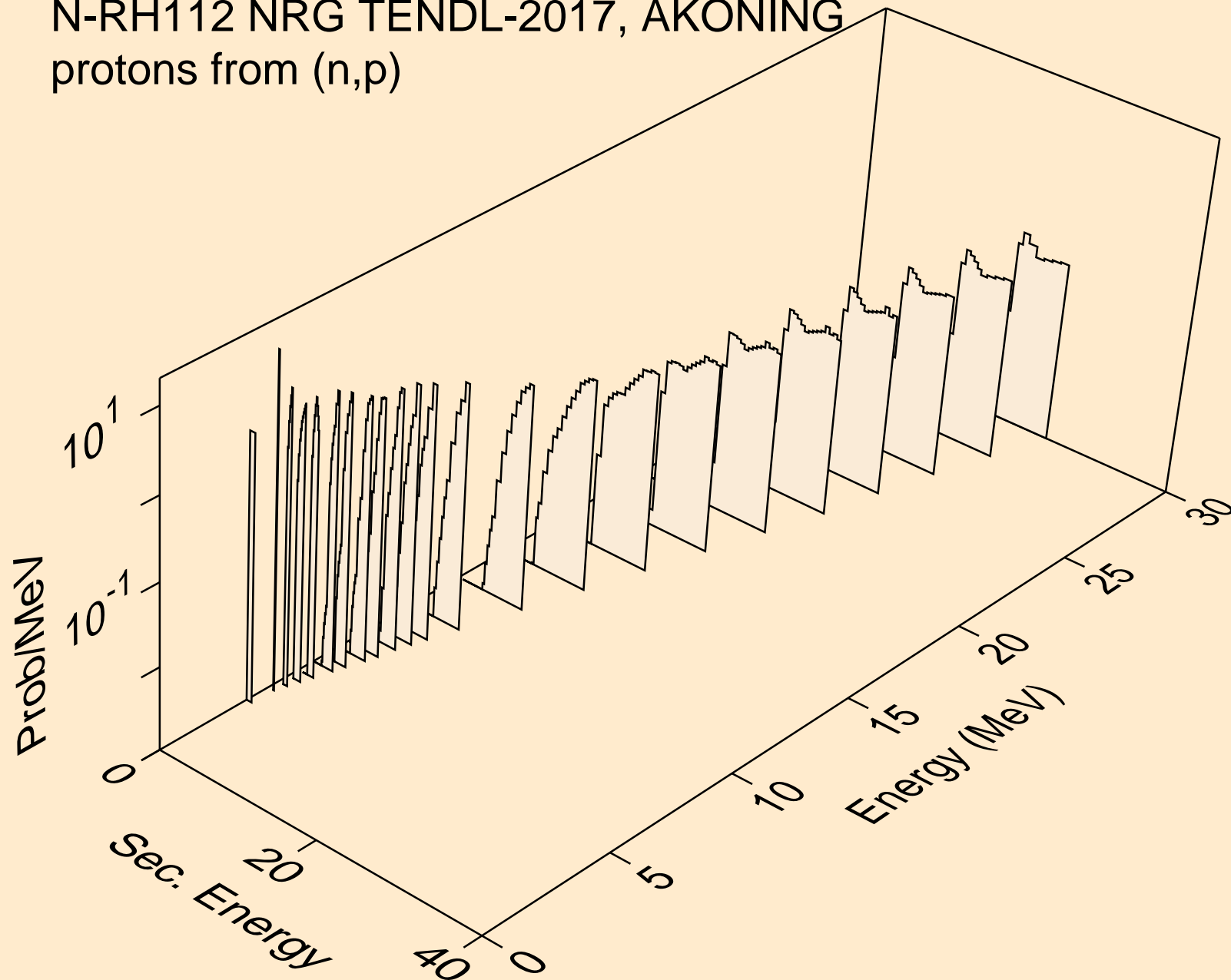
N-RH112 NRG TENDL-2017, AKONING  
protons from (n,2np)



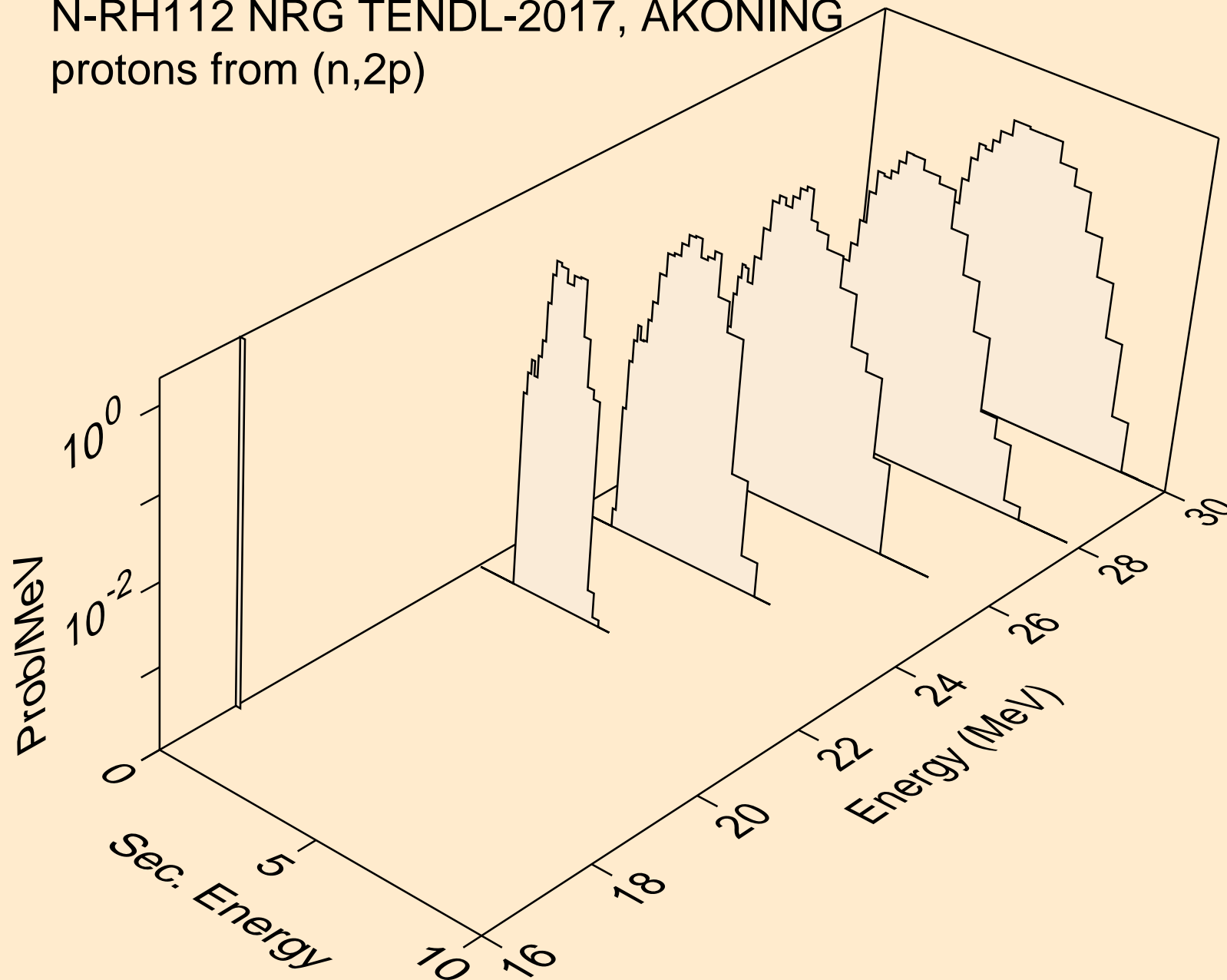
N-RH112 NRG TENDL-2017, AKONING  
protons from (n,3np)



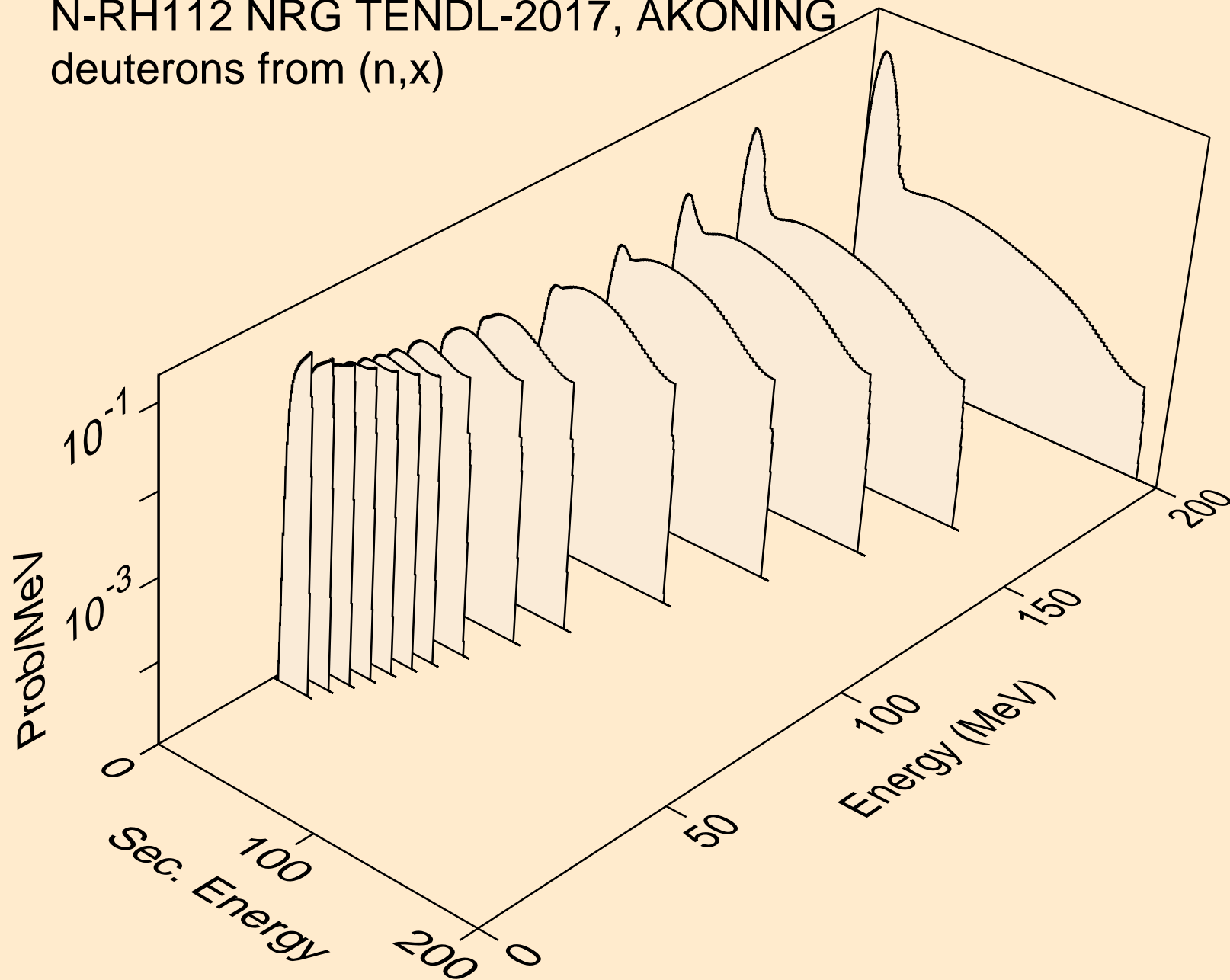
N-RH112 NRG TENDL-2017, AKONING  
protons from (n,p)



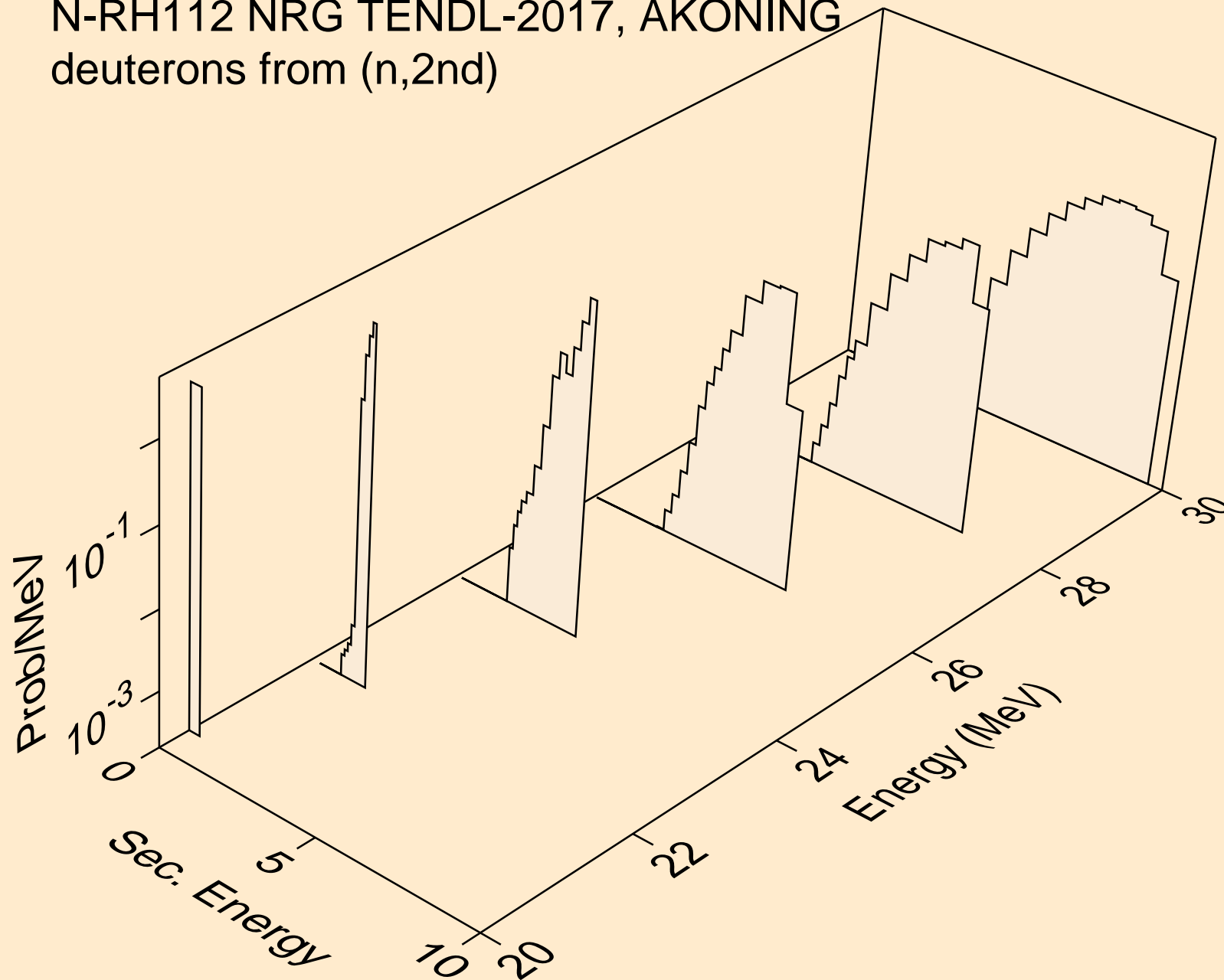
N-RH112 NRG TENDL-2017, AKONING  
protons from (n,2p)



N-RH112 NRG TENDL-2017, AKONING  
deuterons from (n,x)

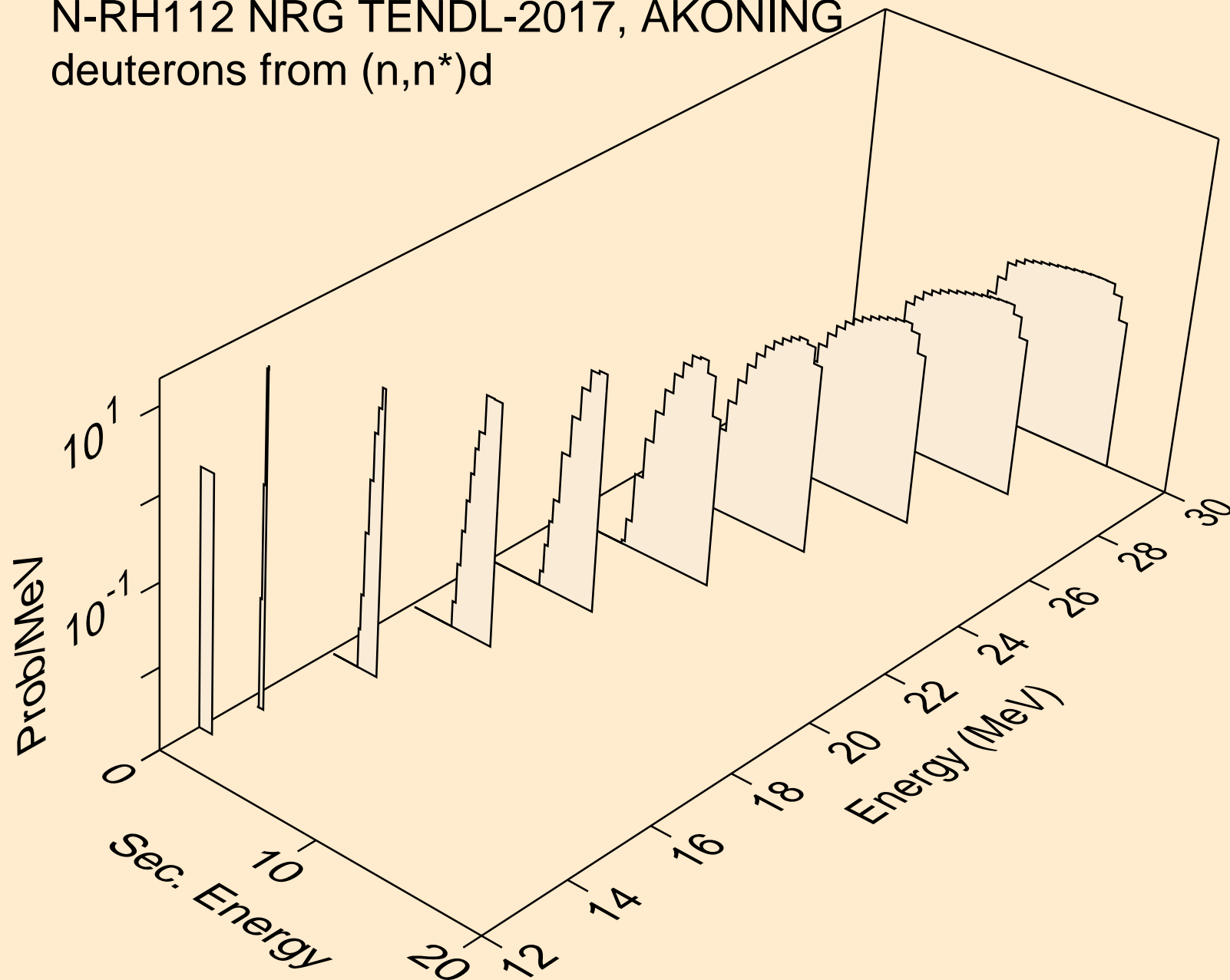


N-RH112 NRG TENDL-2017, AKONING  
deuterons from (n,2nd)

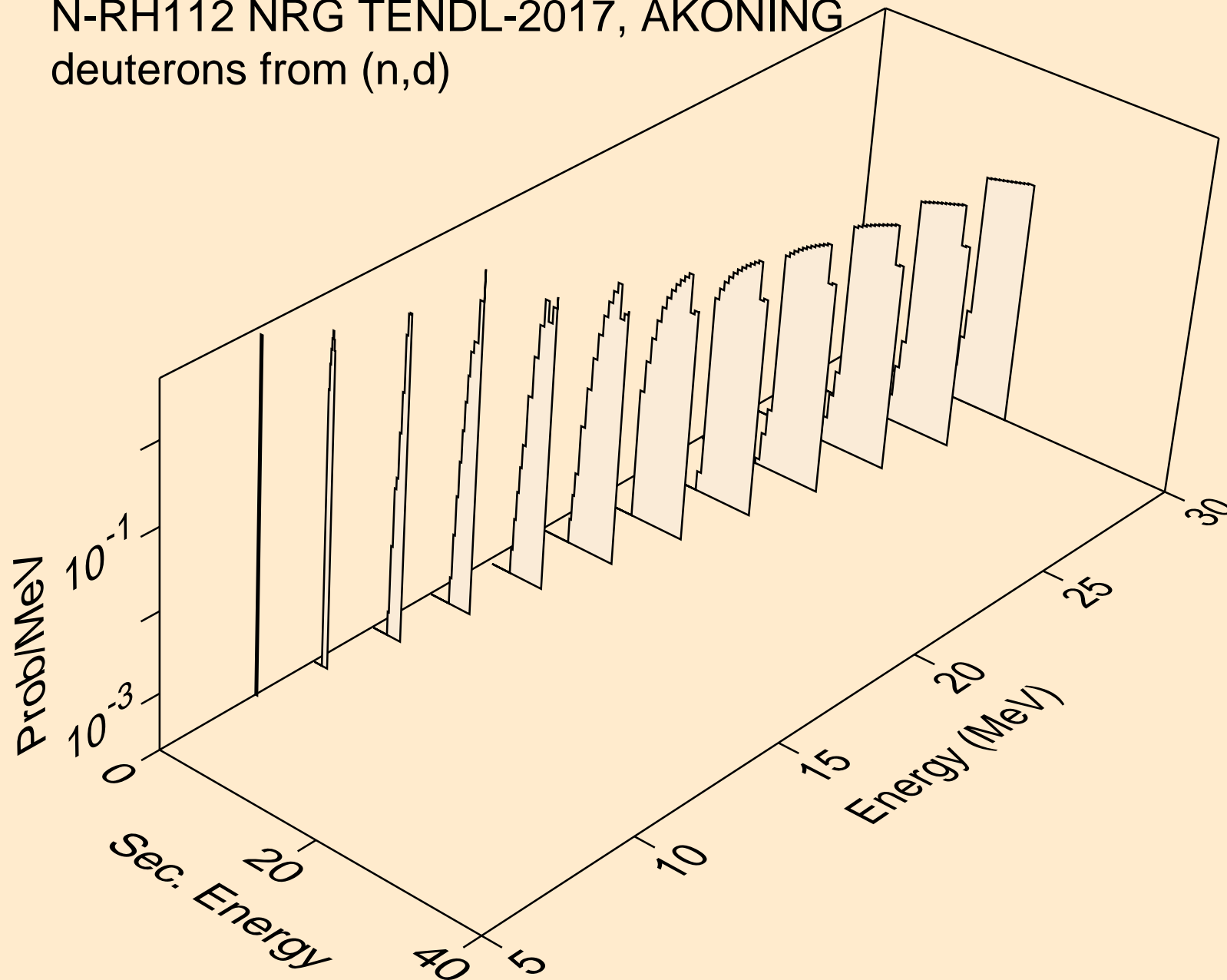




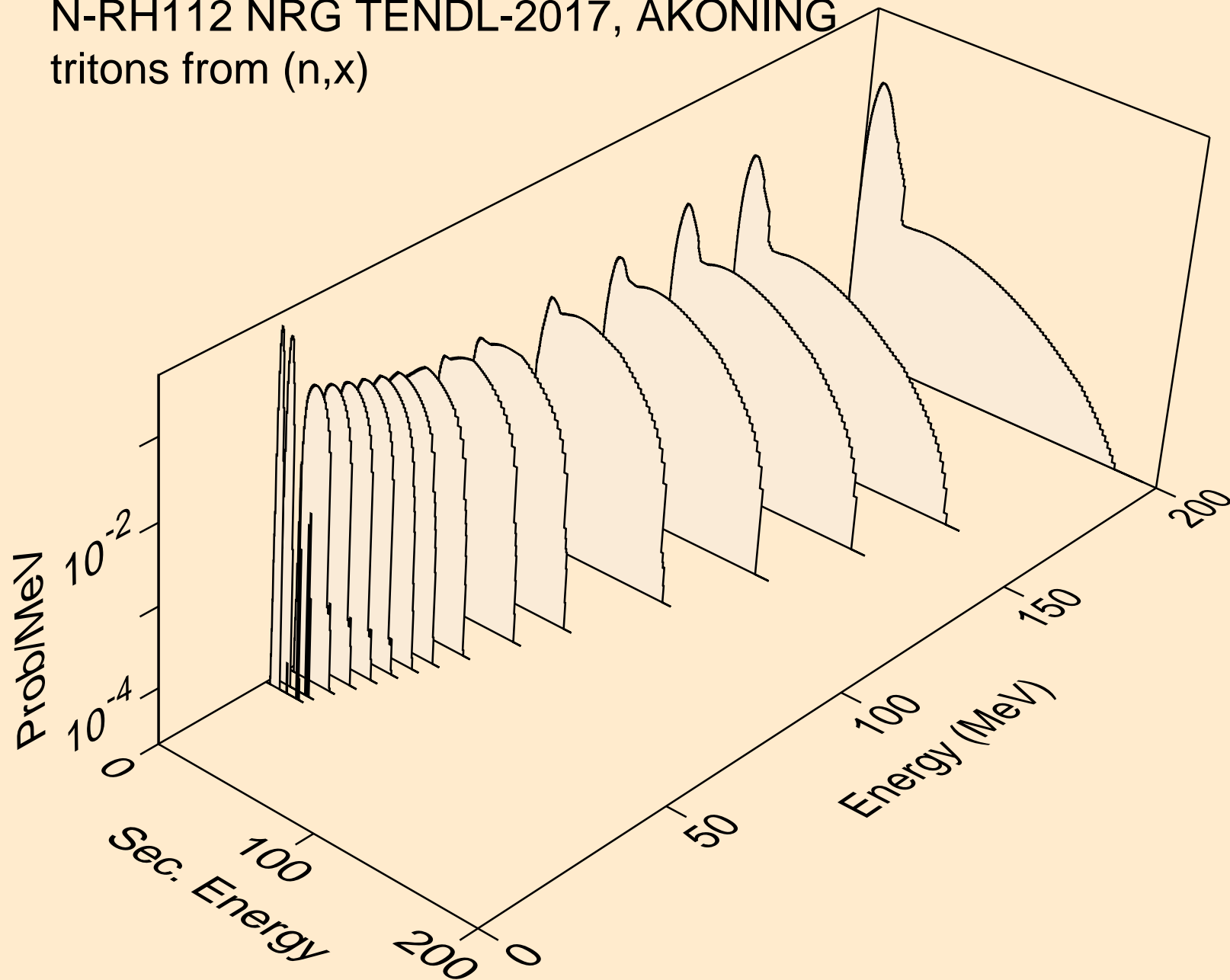
N-RH112 NRG TENDL-2017, AKONING  
deuterons from  $(n,n^*)d$



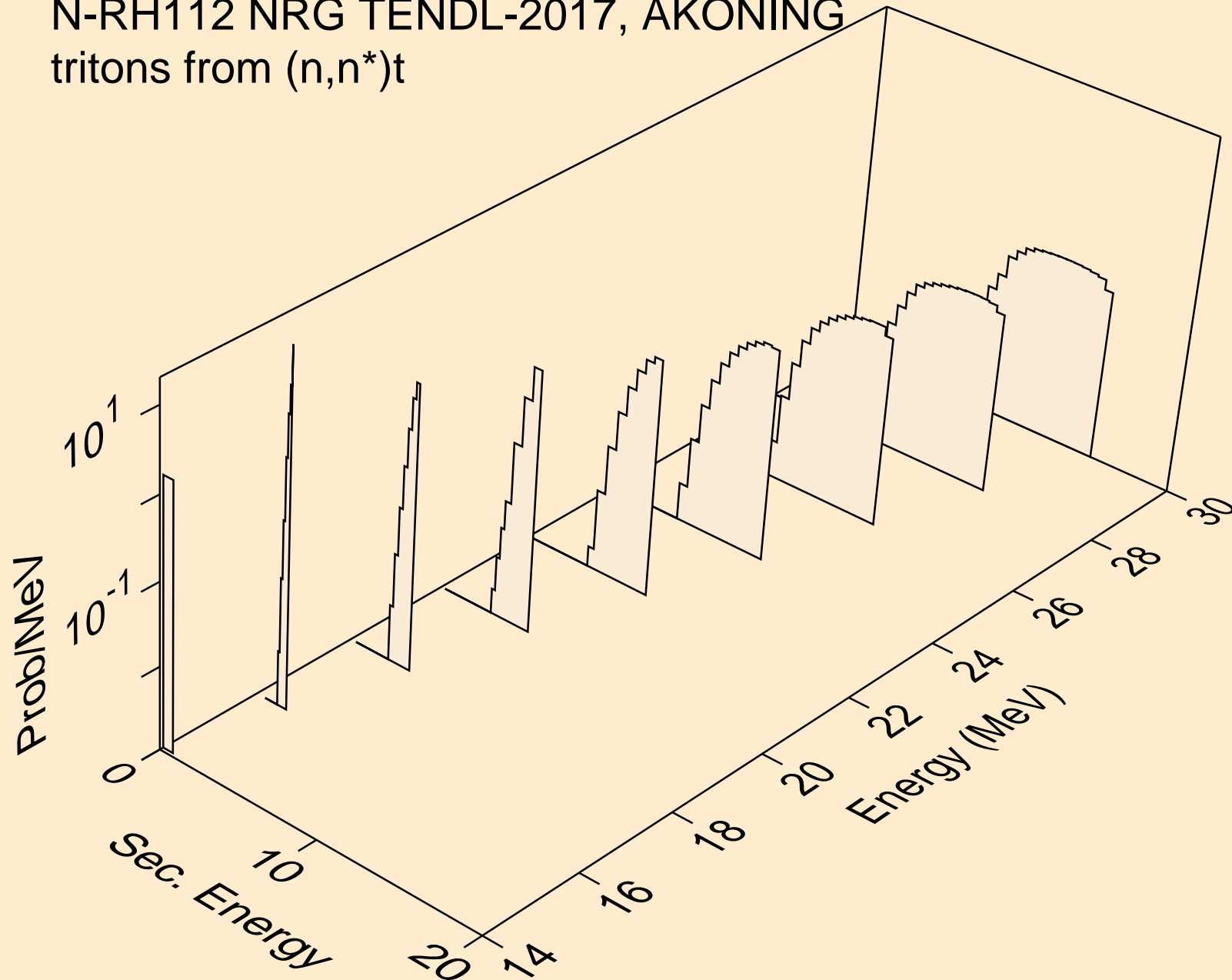
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deuterons from (n,d)



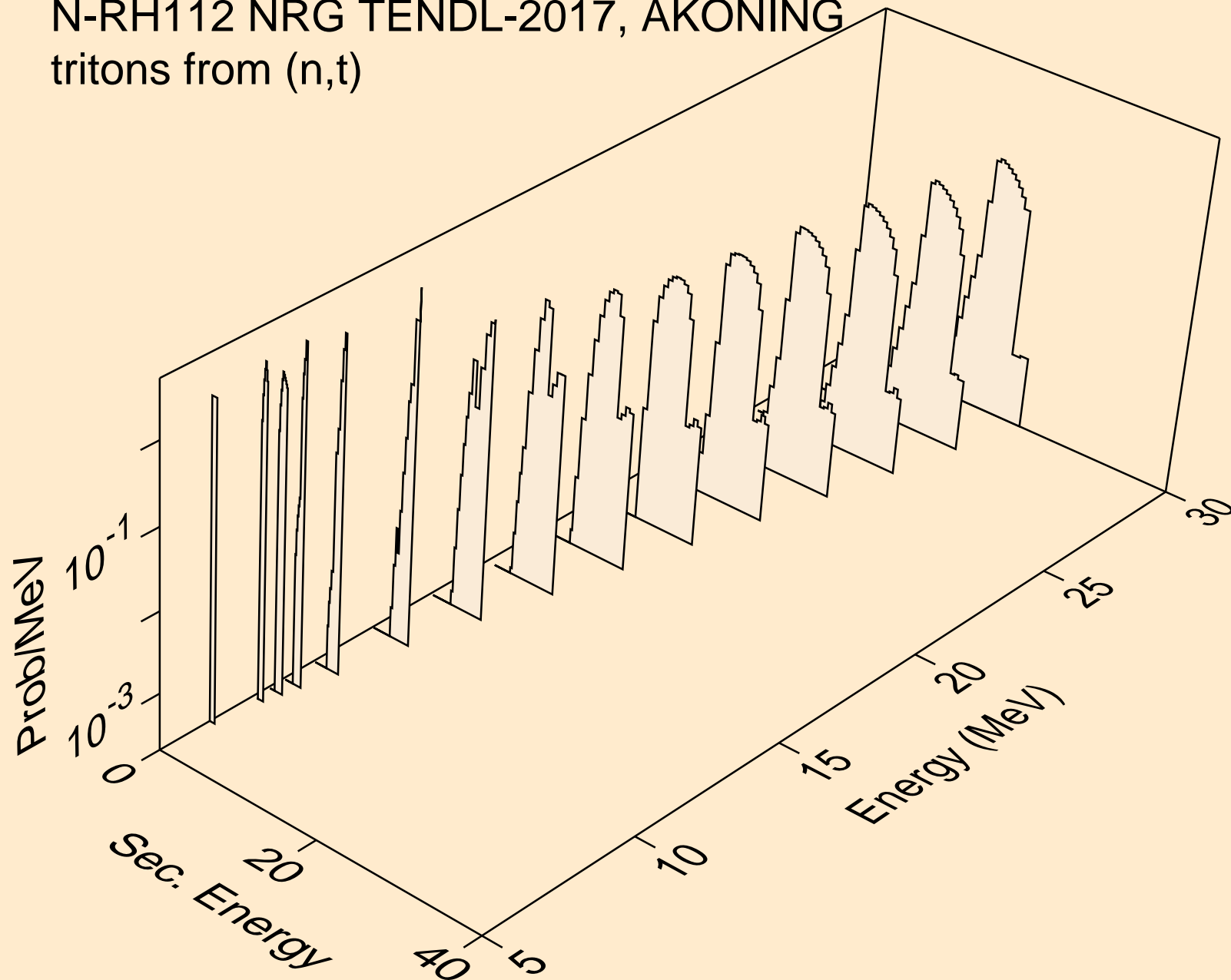
N-RH112 NRG TENDL-2017, AKONING  
tritons from (n,x)



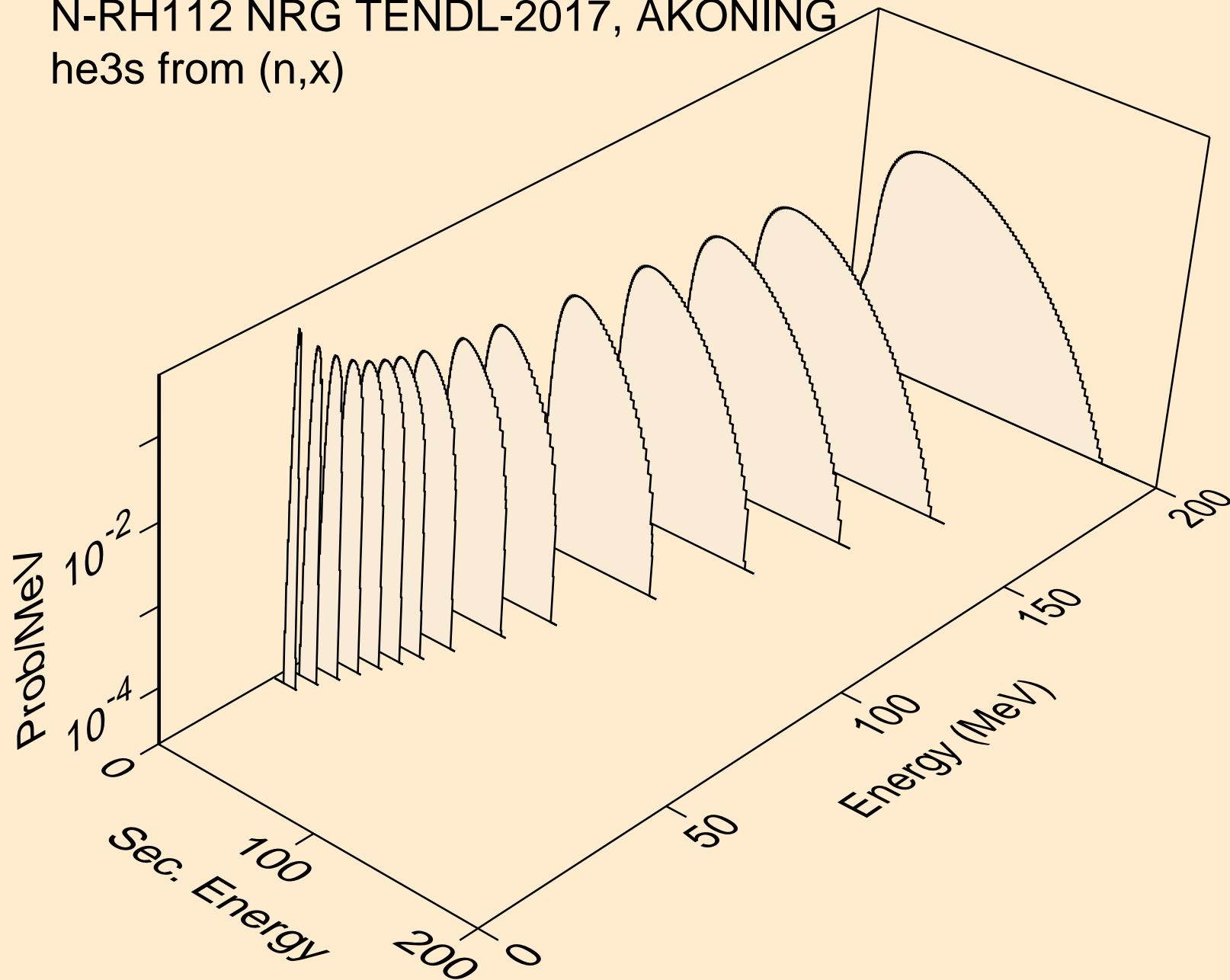
N-RH112 NRG TENDL-2017, AKONING  
tritons from  $(n,n^*)t$



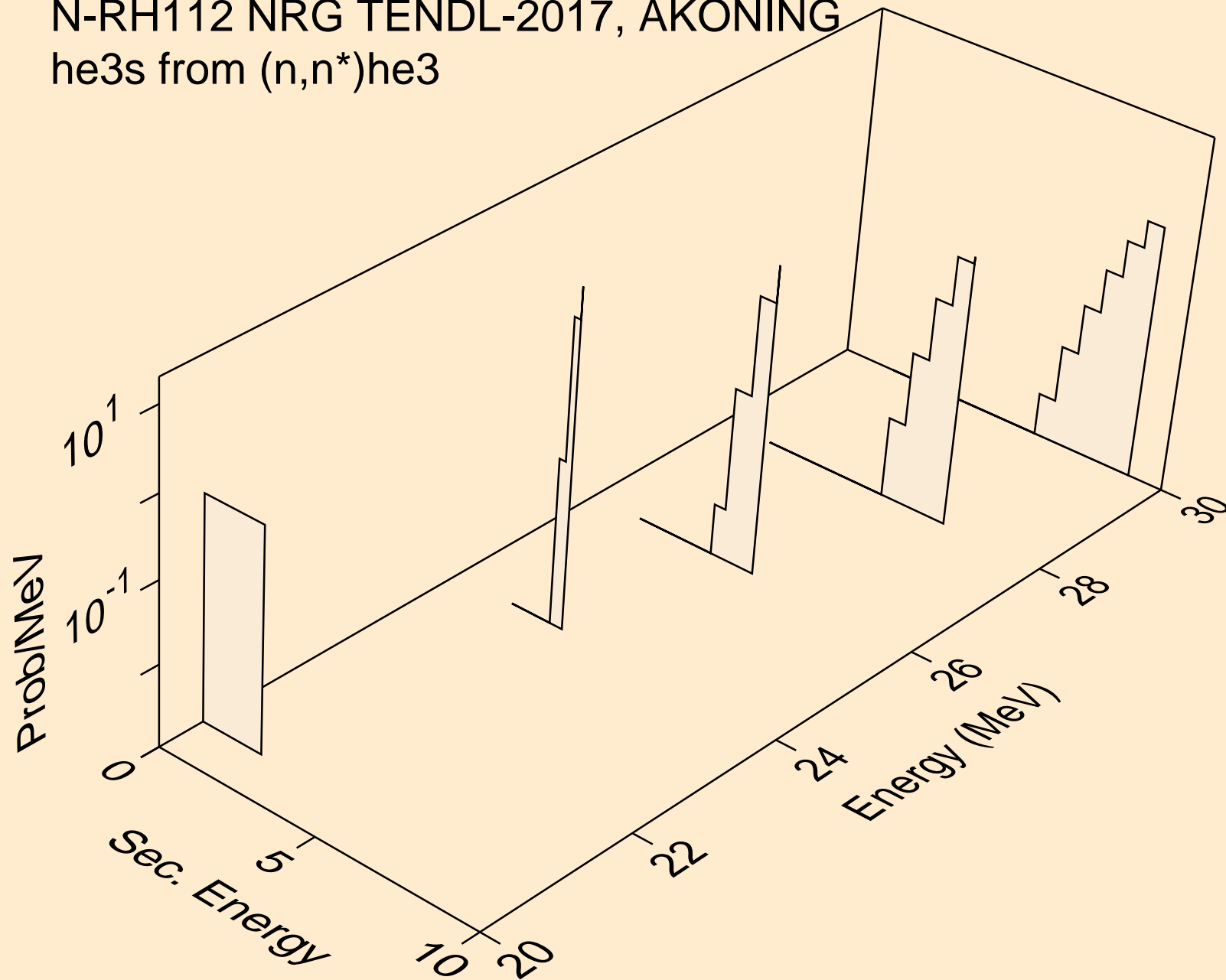
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tritons from (n,t)



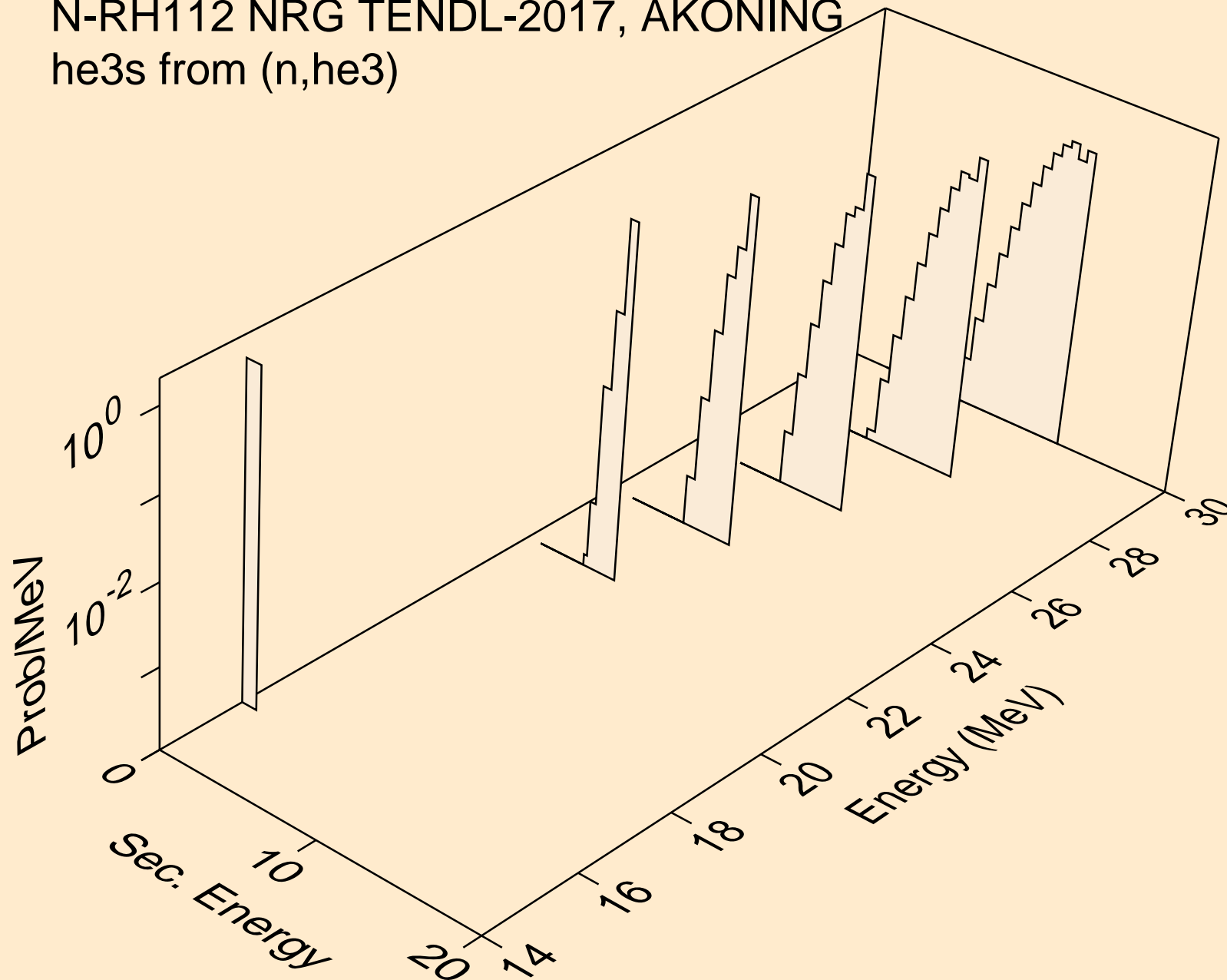
N-RH112 NRG TENDL-2017, AKONING  
he3s from (n,x)



N-RH112 NRG TENDL-2017, AKONING  
he3s from (n,n\*)he3

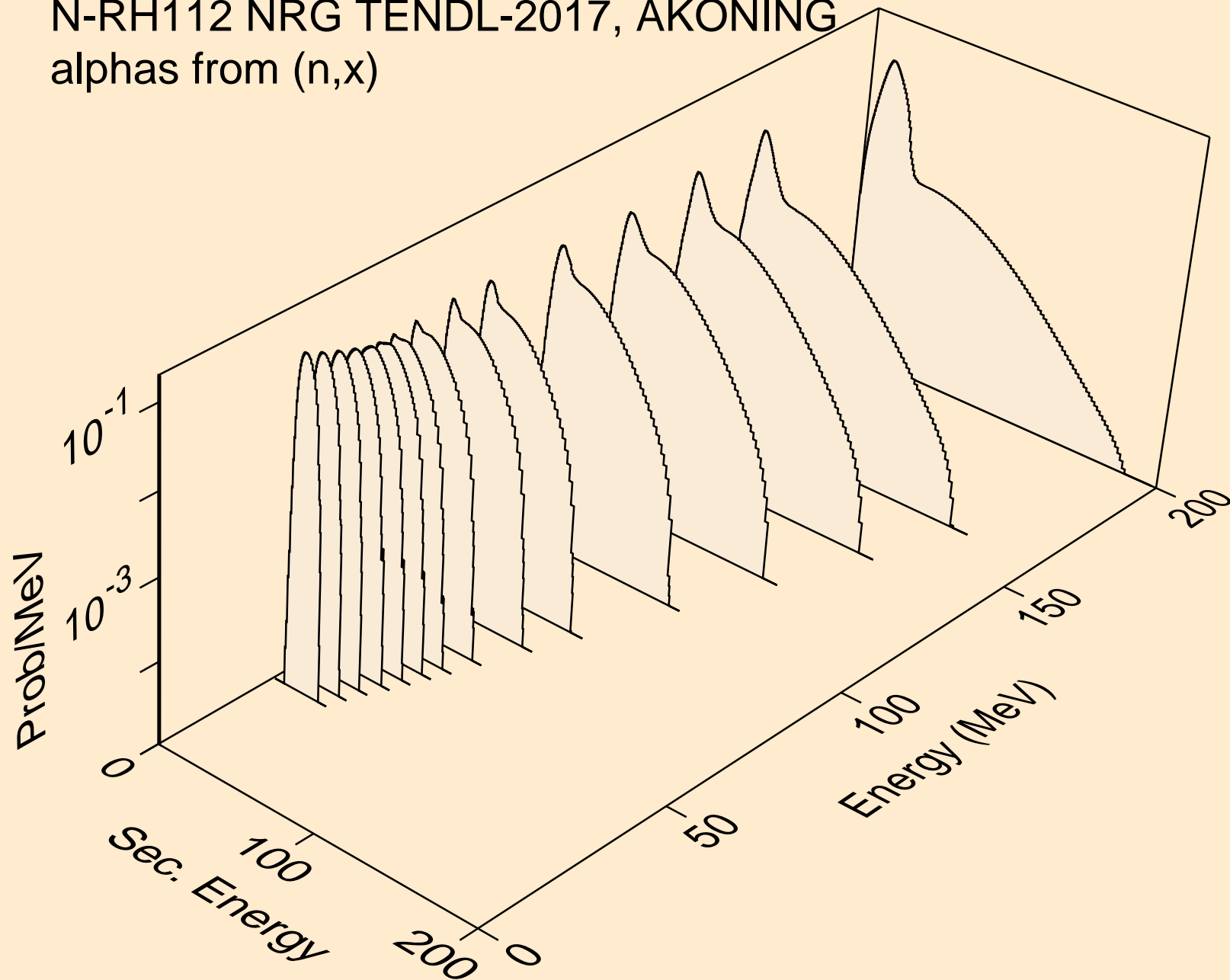


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he3s from (n,he3)

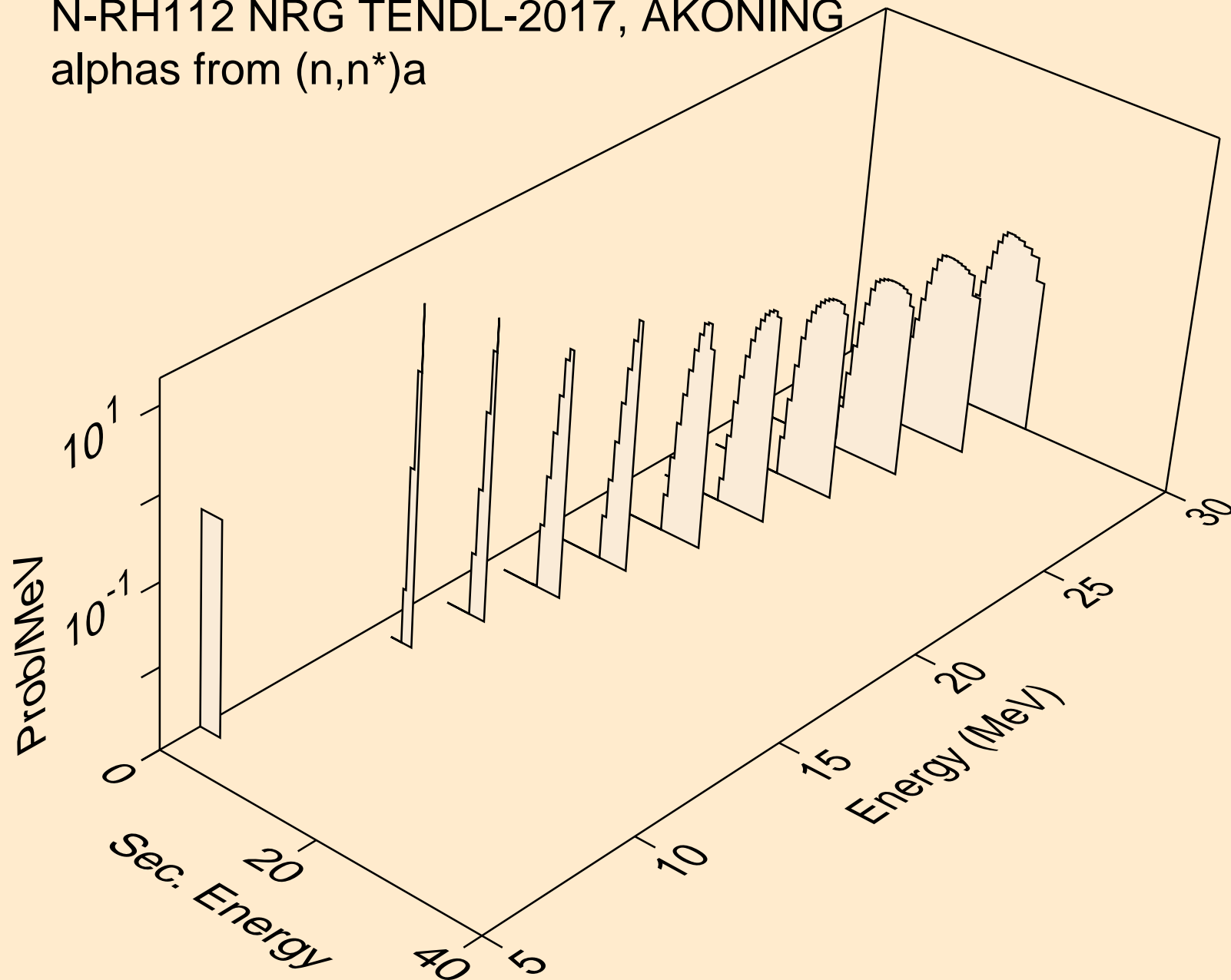




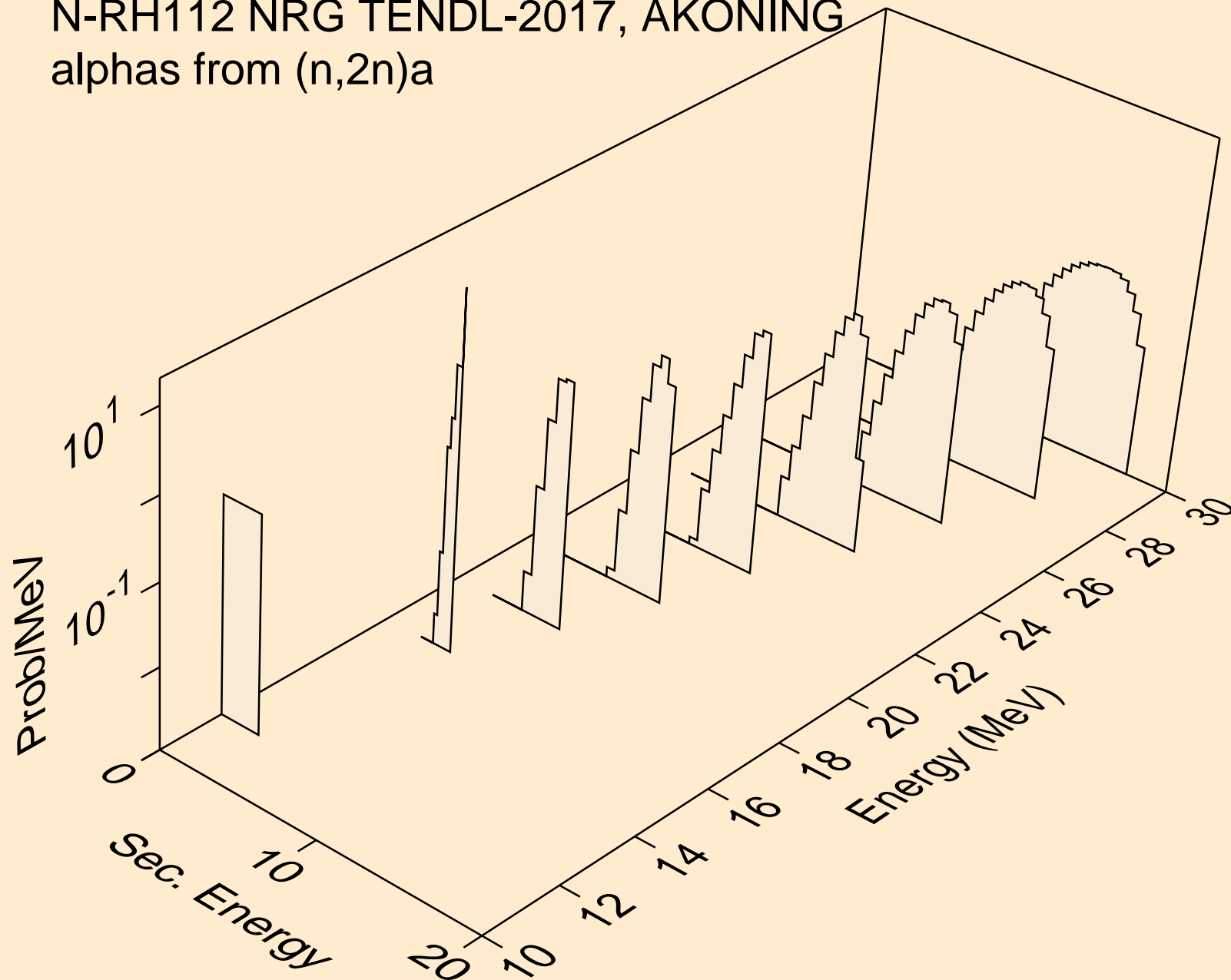
N-RH112 NRG TENDL-2017, AKONING  
alphas from (n,x)



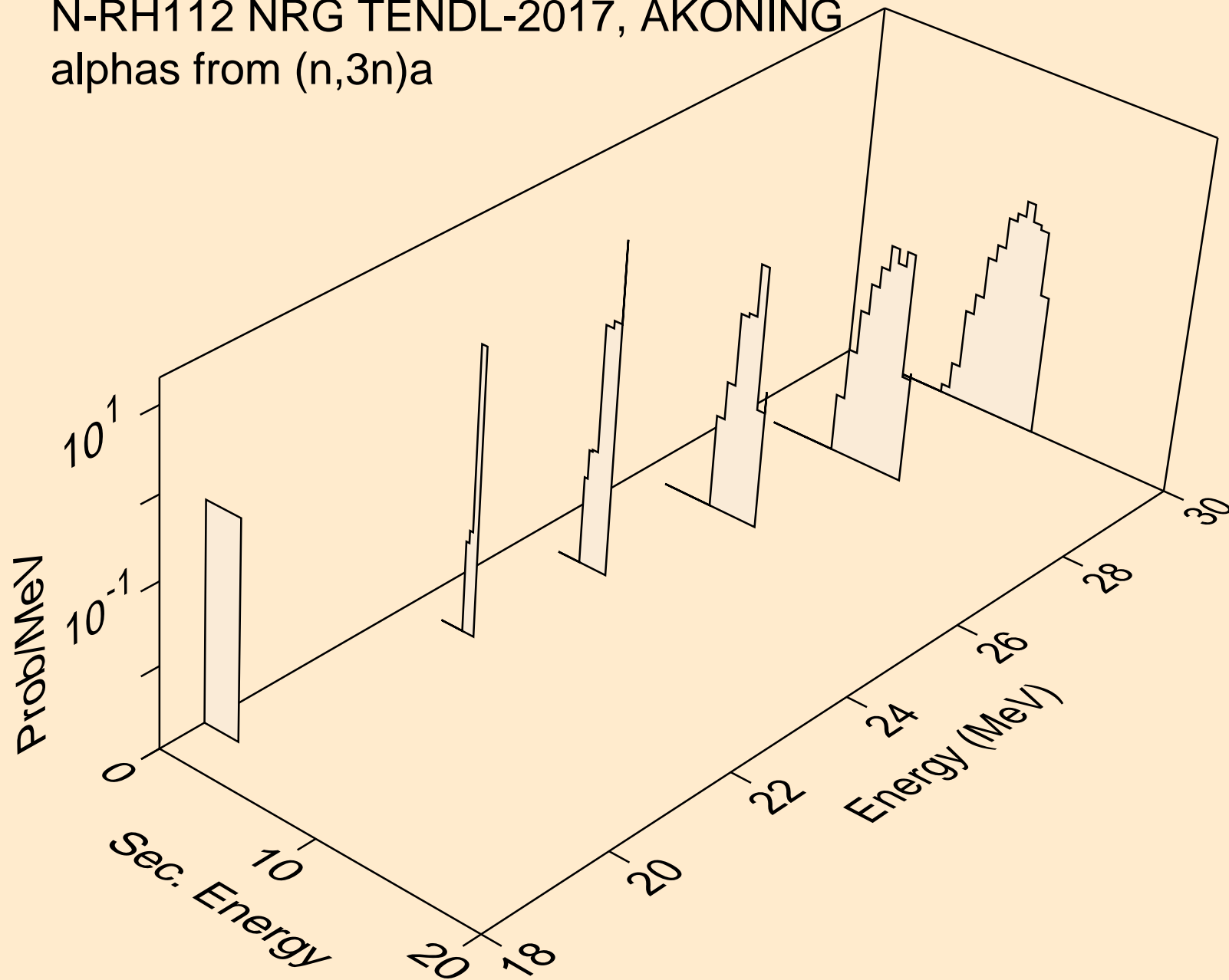
N-RH112 NRG TENDL-2017, AKONING  
alphas from (n,n\*)a



N-RH112 NRG TENDL-2017, AKONING  
alphas from (n,2n)a



N-RH112 NRG TENDL-2017, AKONING  
alphas from (n,3n)a



N-RH112 NRG TENDL-2017, AKONING  
alphas from (n,a)

