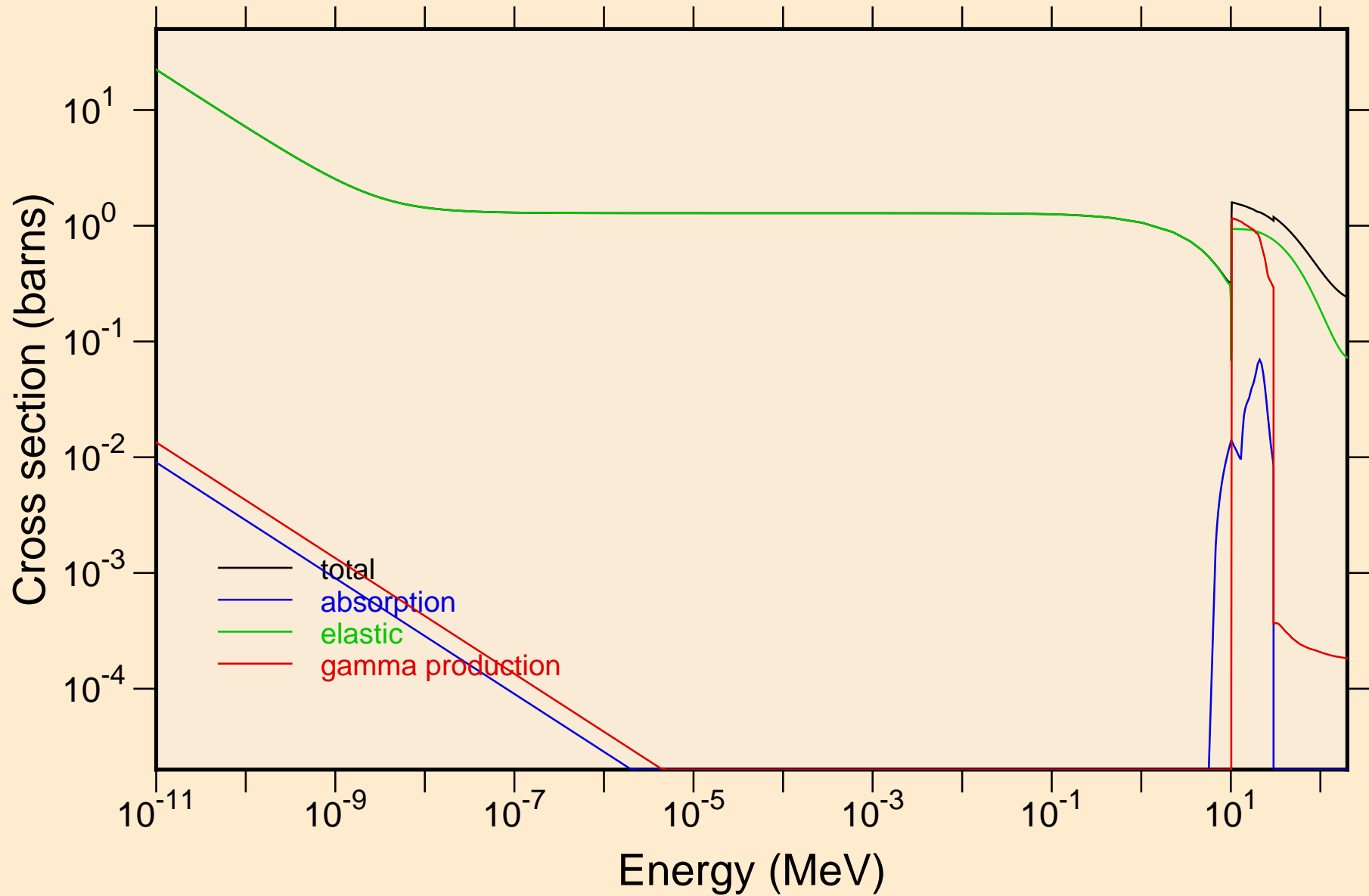
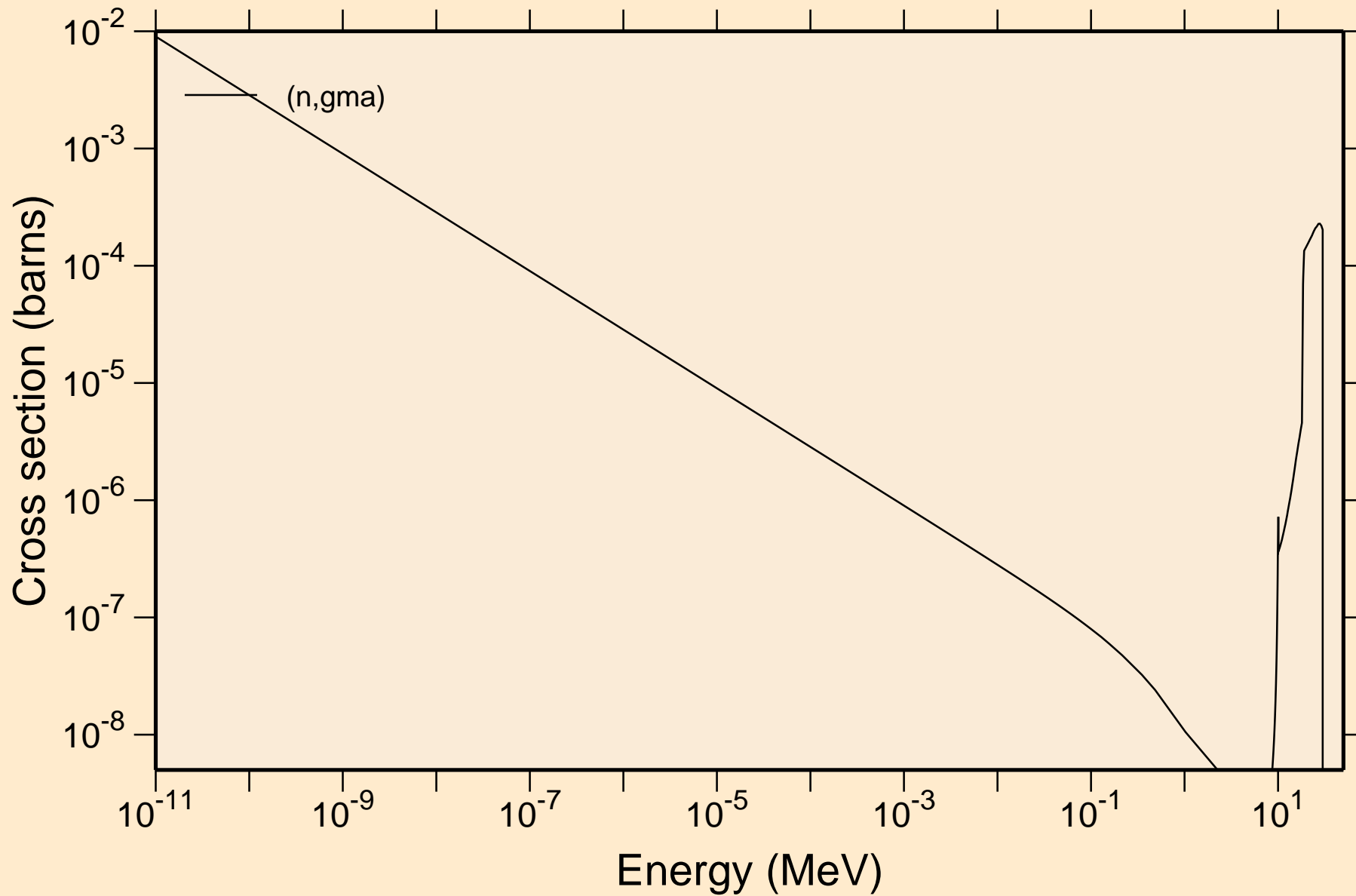


# N-BE011 NRG TENDL-2017, AKONING

## Principal cross sections

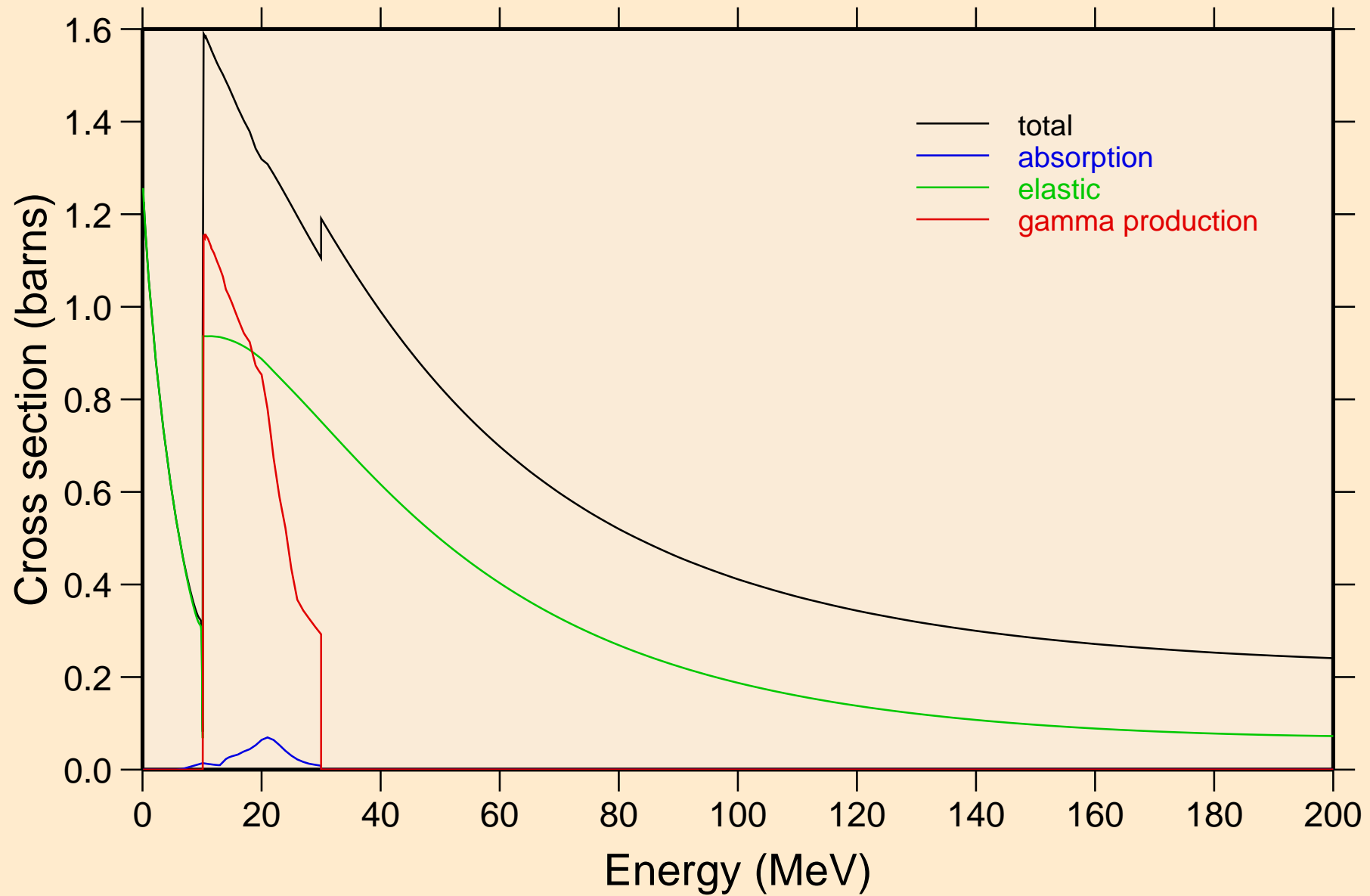


N-BE011 NRG TENDL-2017, AKONING  
Non-threshold reactions

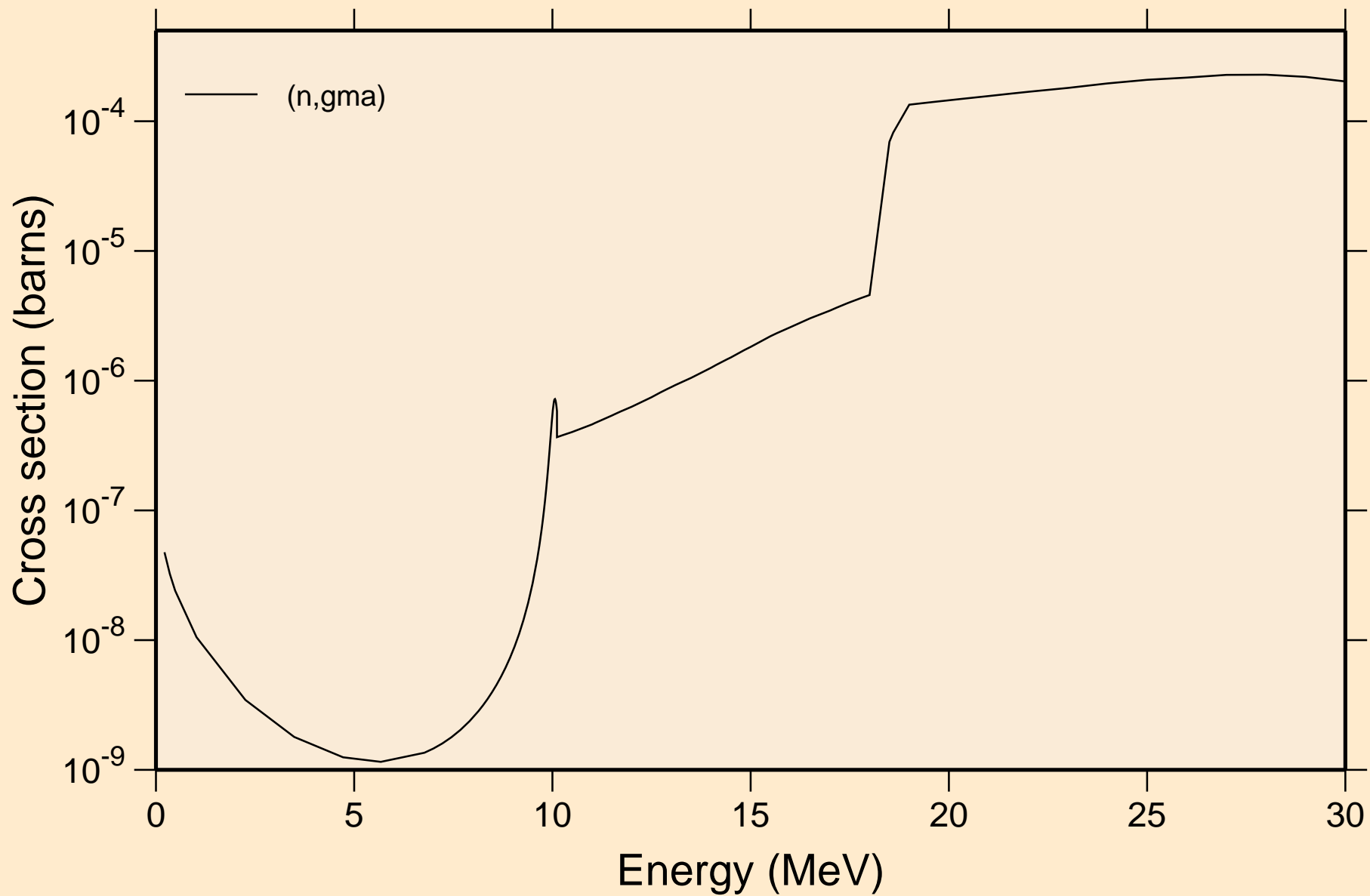


# N-BE011 NRG TENDL-2017, AKONING

## Principal cross sections

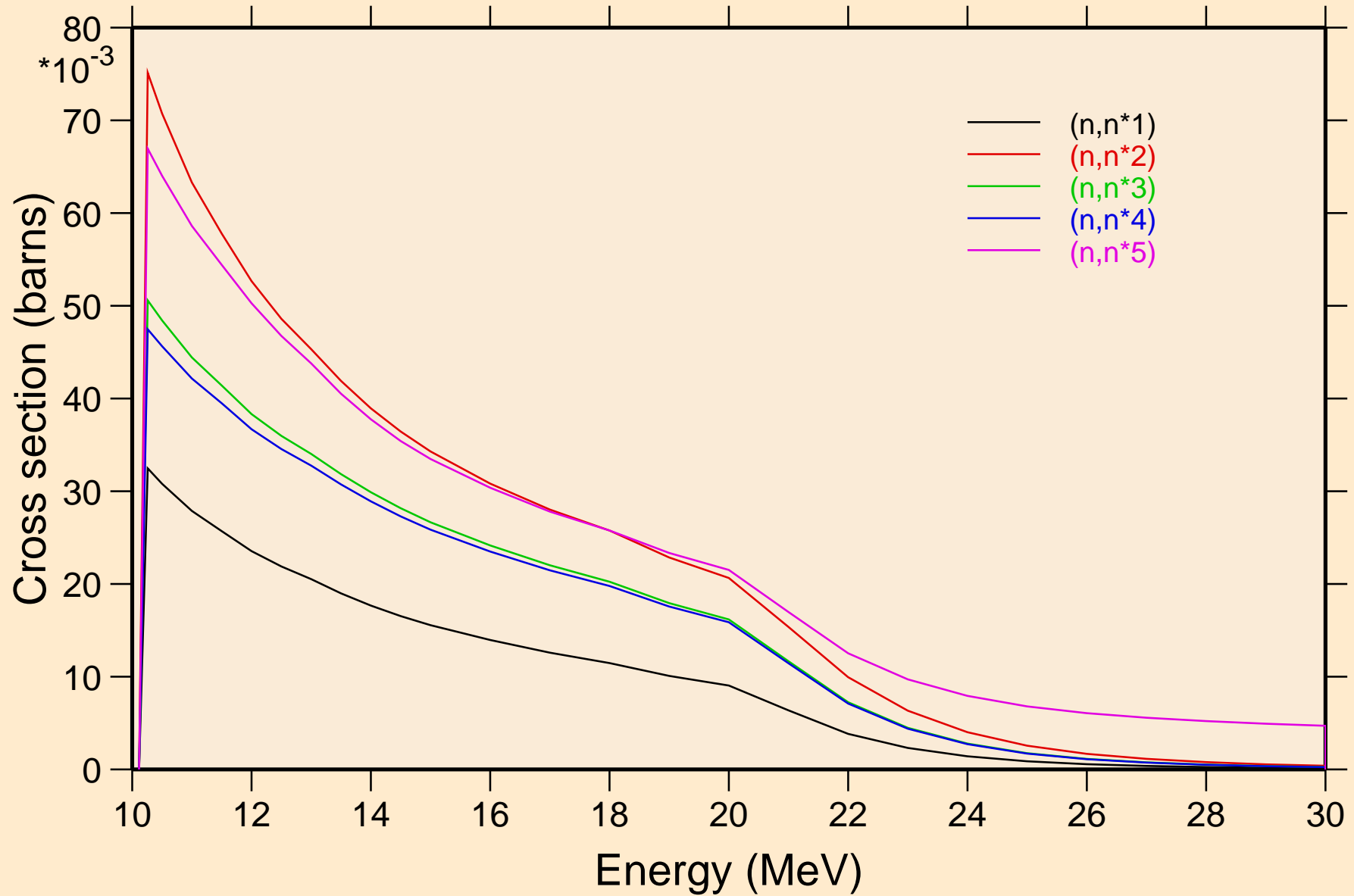


N-BE011 NRG TENDL-2017, AKONING  
Non-threshold reactions



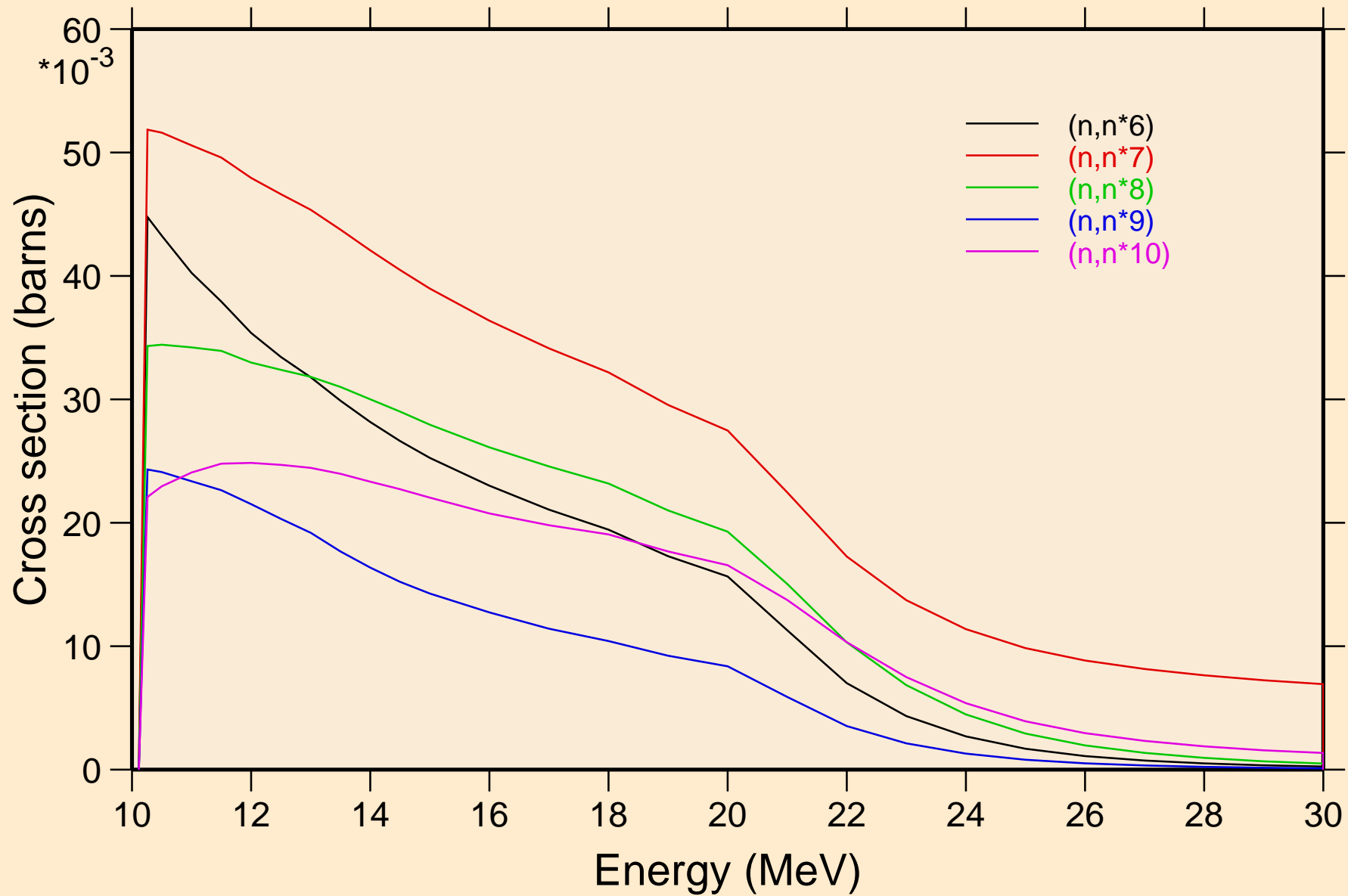
# N-BE011 NRG TENDL-2017, AKONING

## Inelastic levels



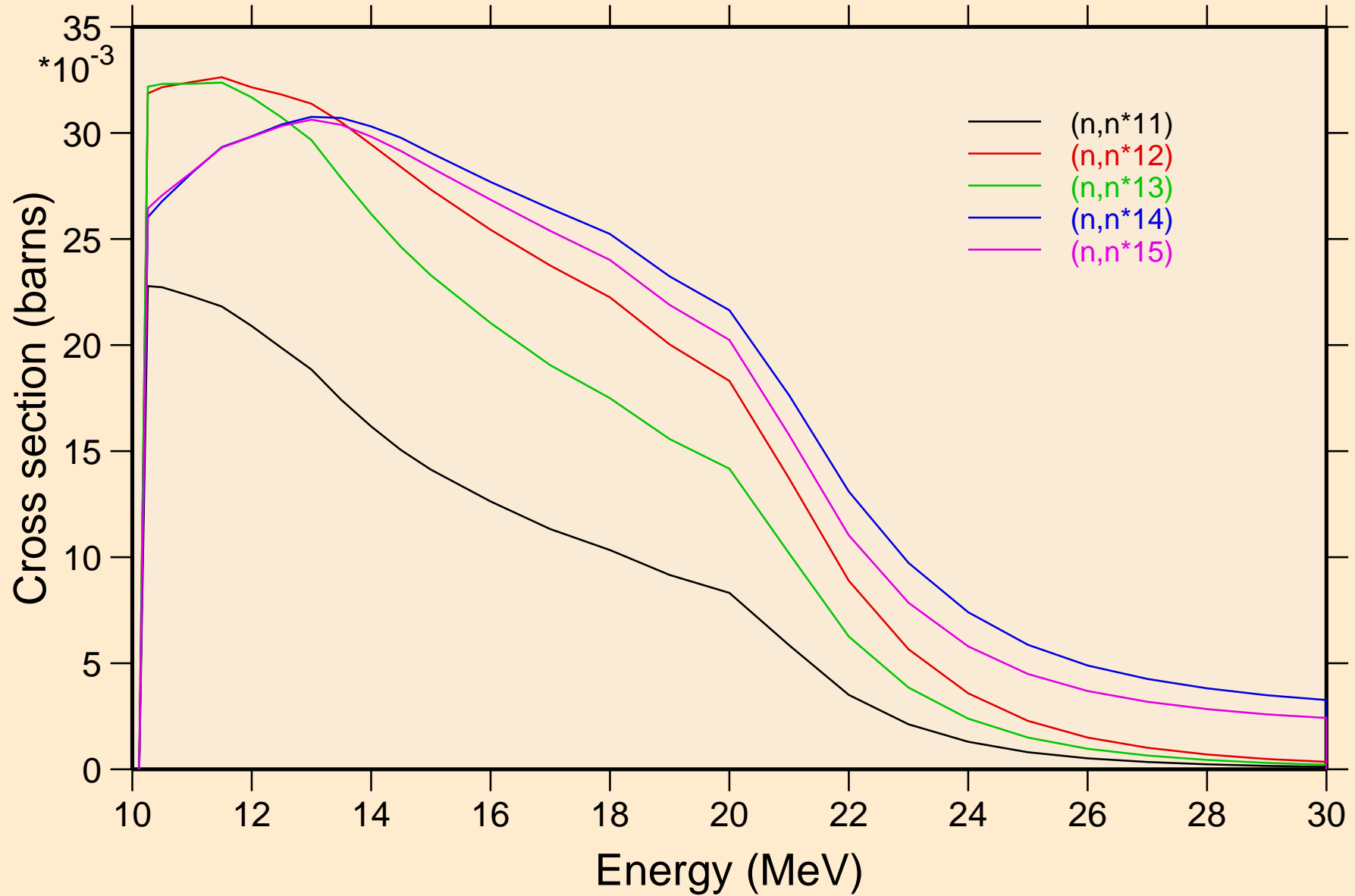
# N-BE011 NRG TENDL-2017, AKONING

## Inelastic levels



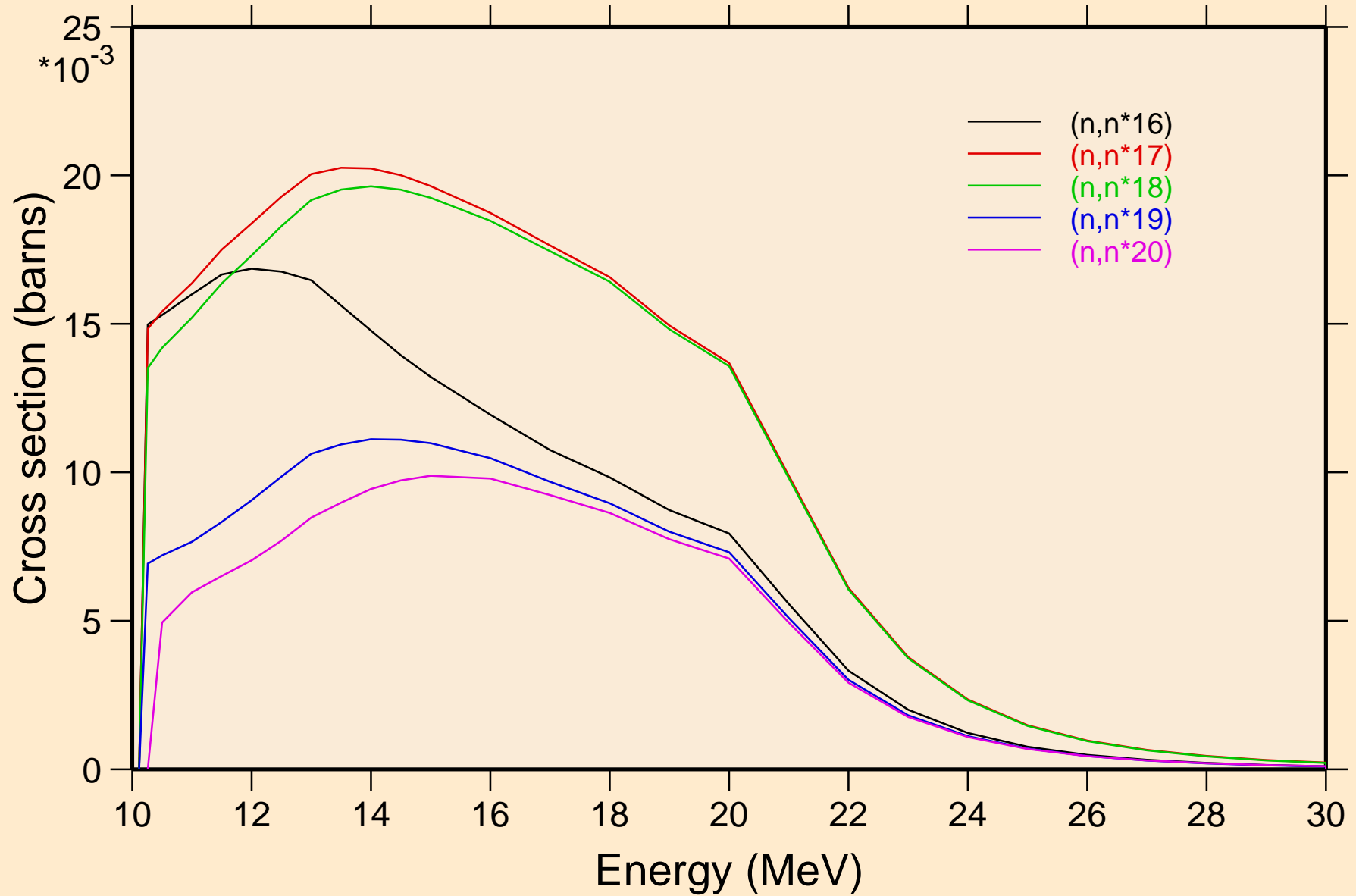
# N-BE011 NRG TENDL-2017, AKONING

## Inelastic levels



# N-BE011 NRG TENDL-2017, AKONING

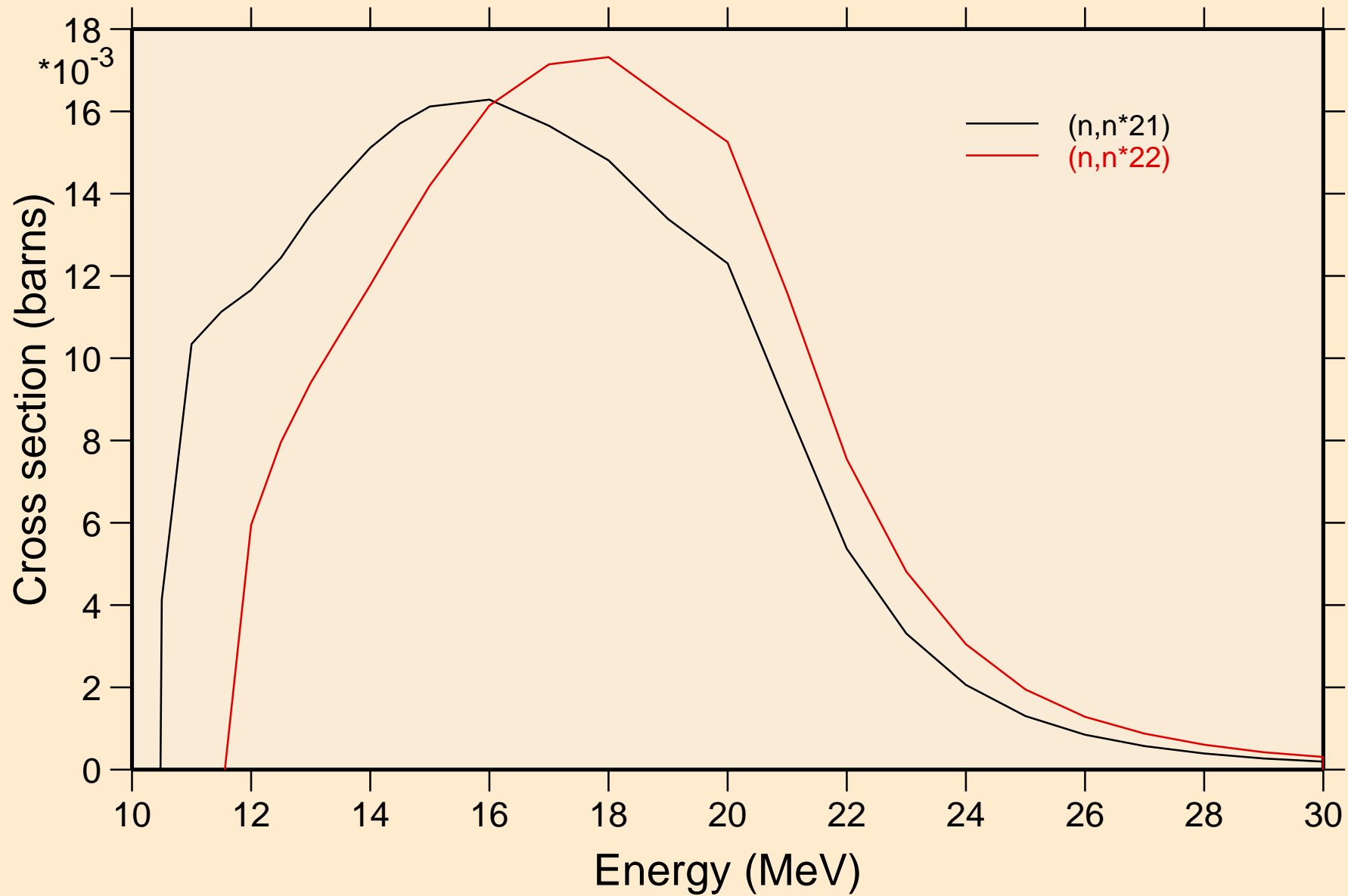
## Inelastic levels





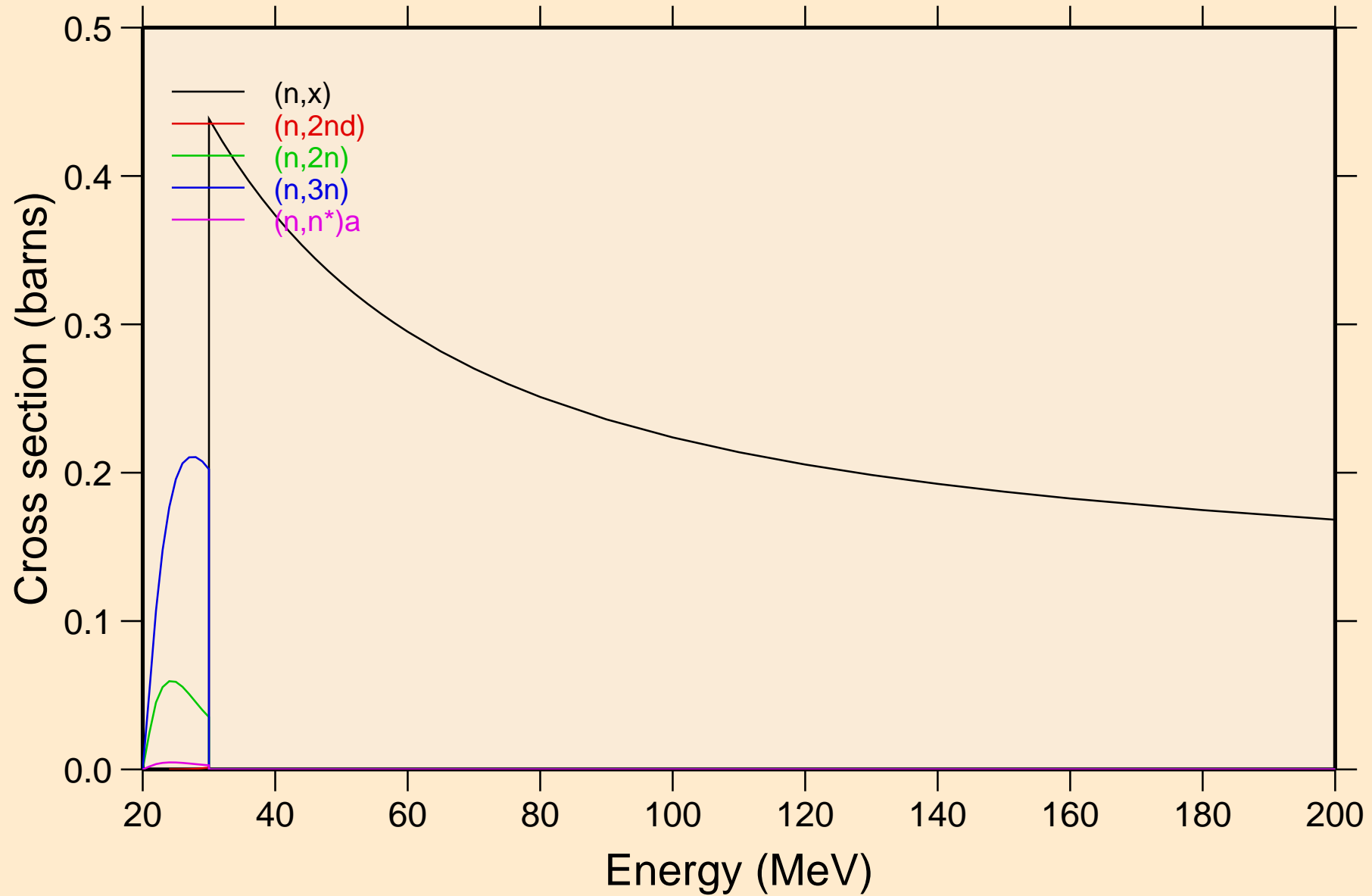
# N-BE011 NRG TENDL-2017, AKONING

## Inelastic levels



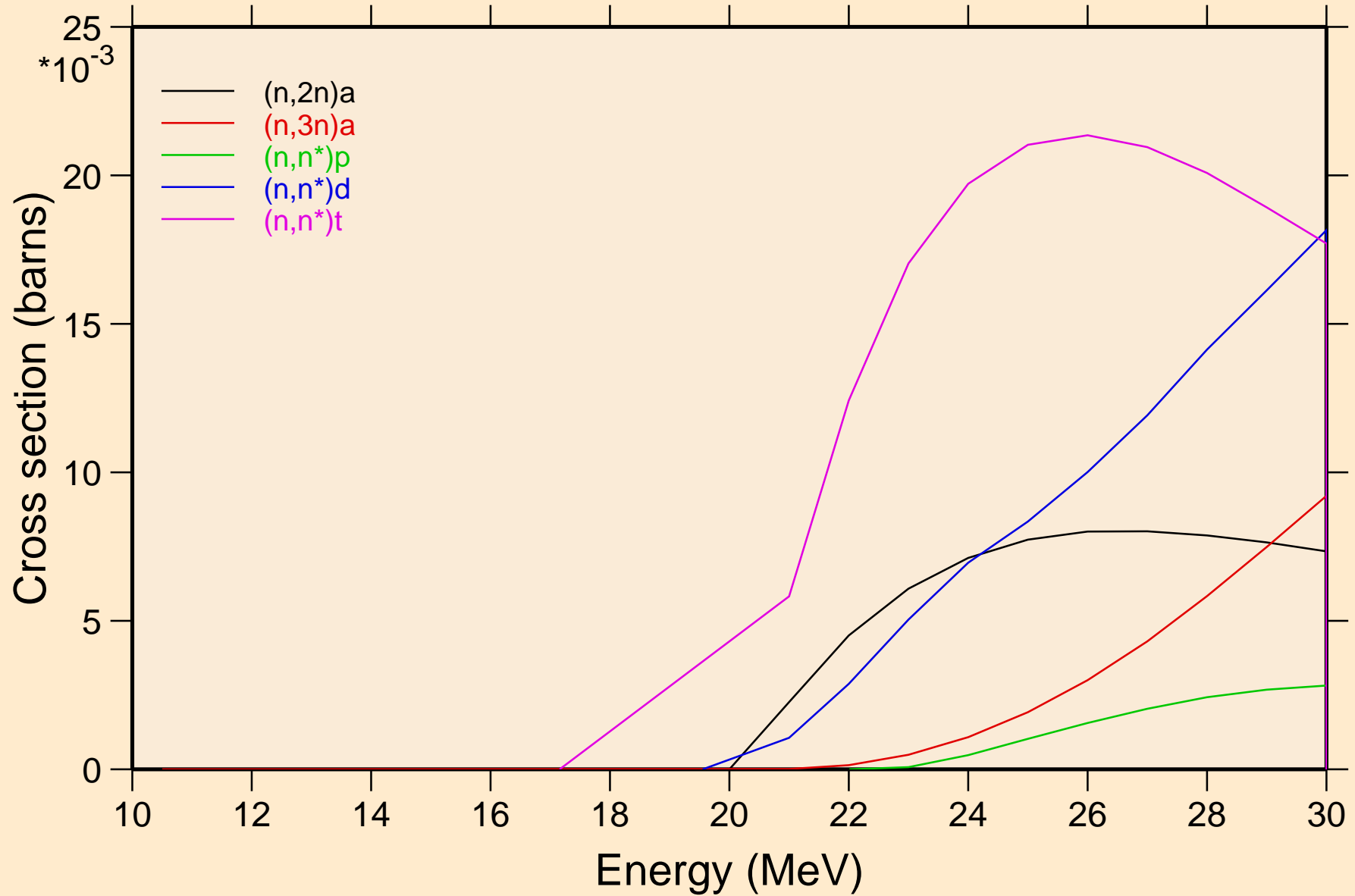
# N-BE011 NRG TENDL-2017, AKONING

## Threshold reactions



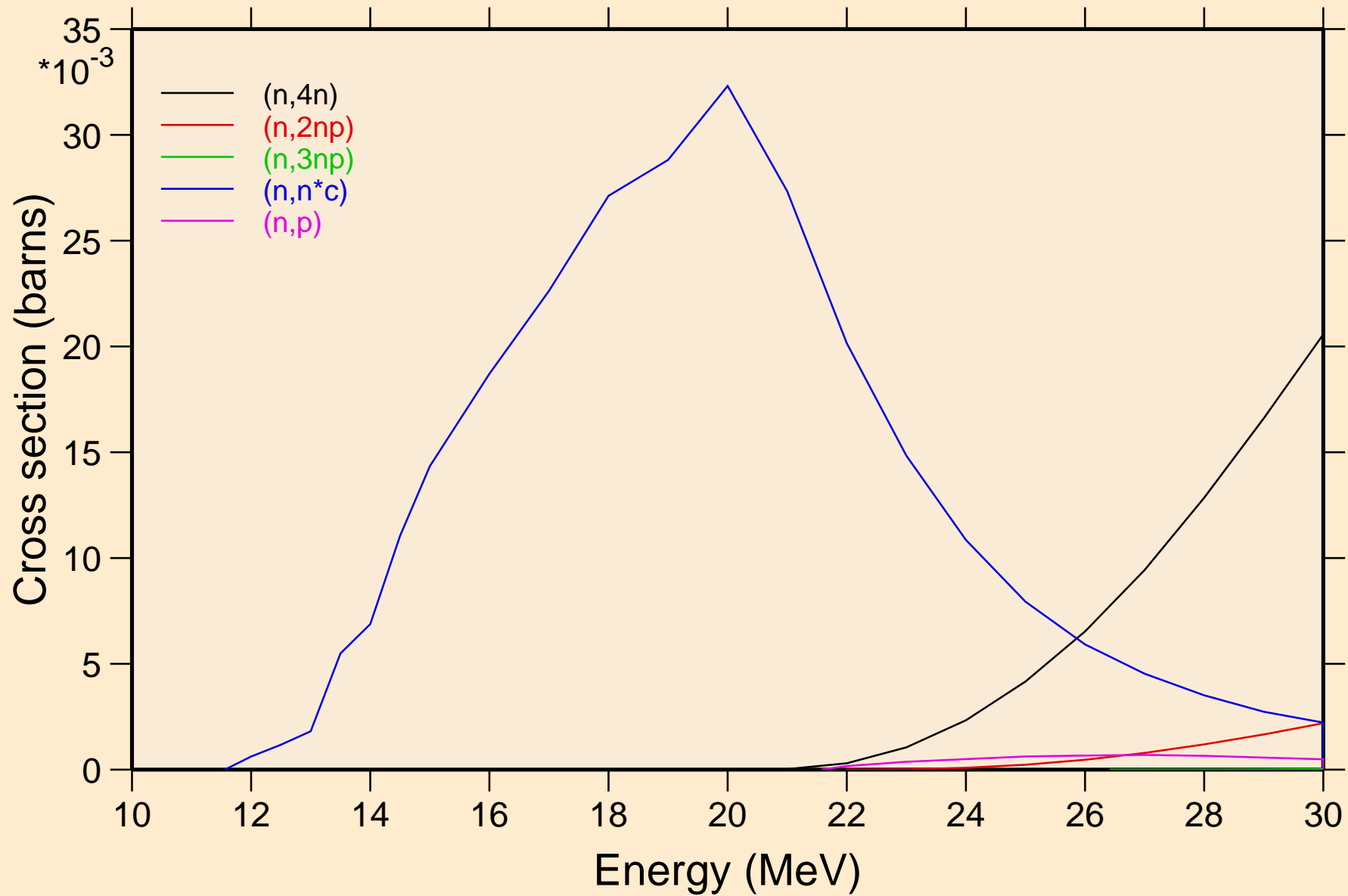
# N-BE011 NRG TENDL-2017, AKONING

## Threshold reactions



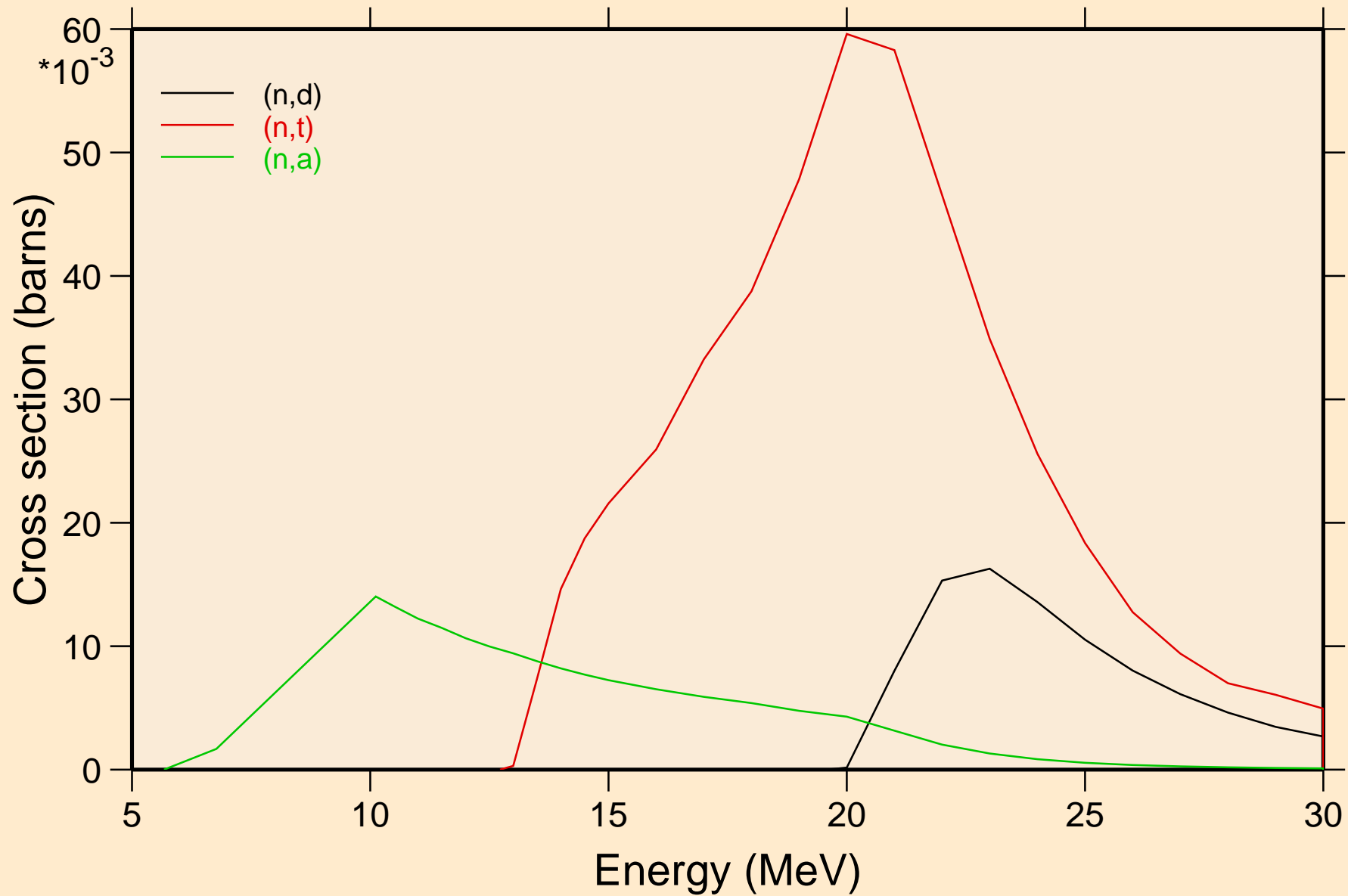
# N-BE011 NRG TENDL-2017, AKONING

## Threshold reactions

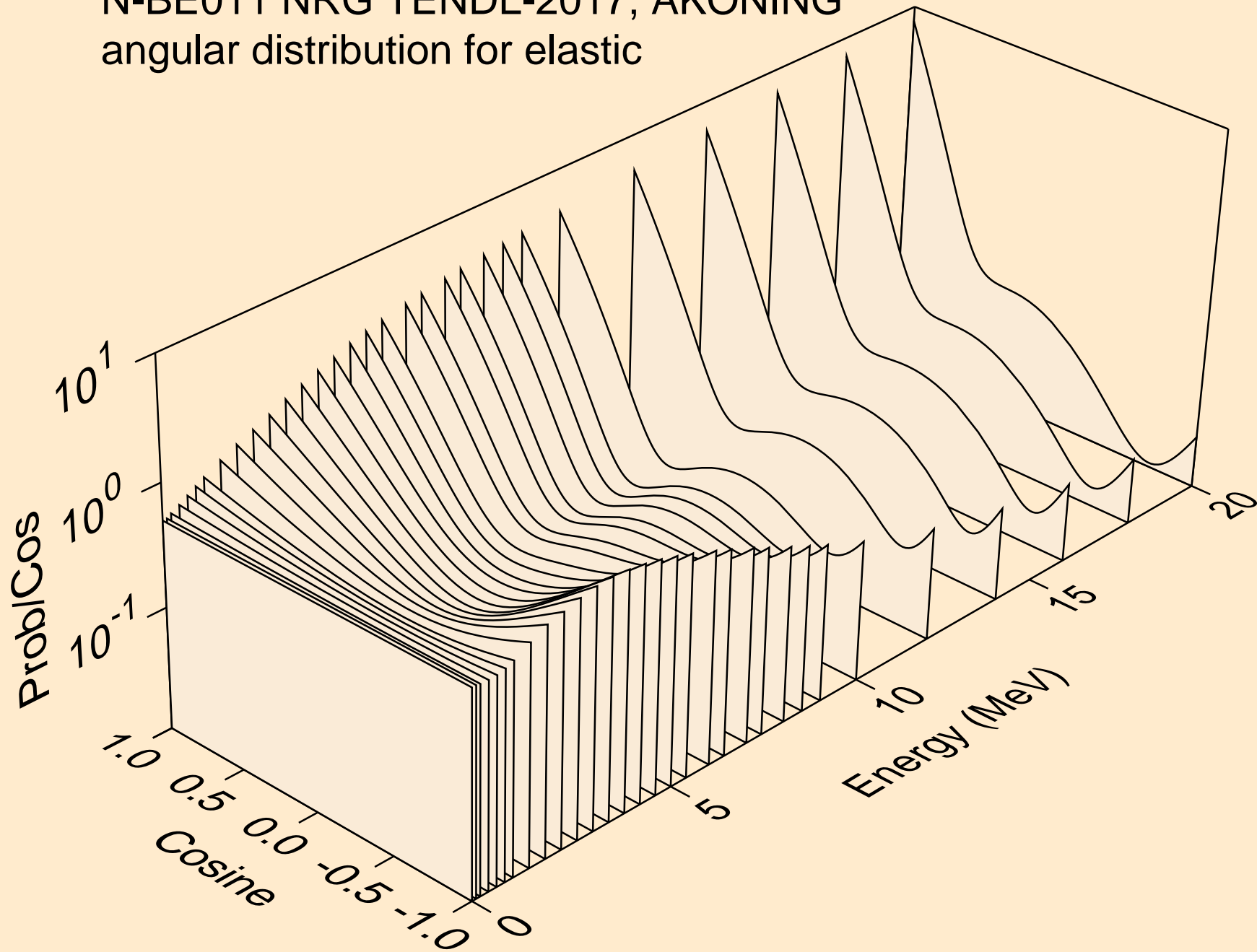


# N-BE011 NRG TENDL-2017, AKONING

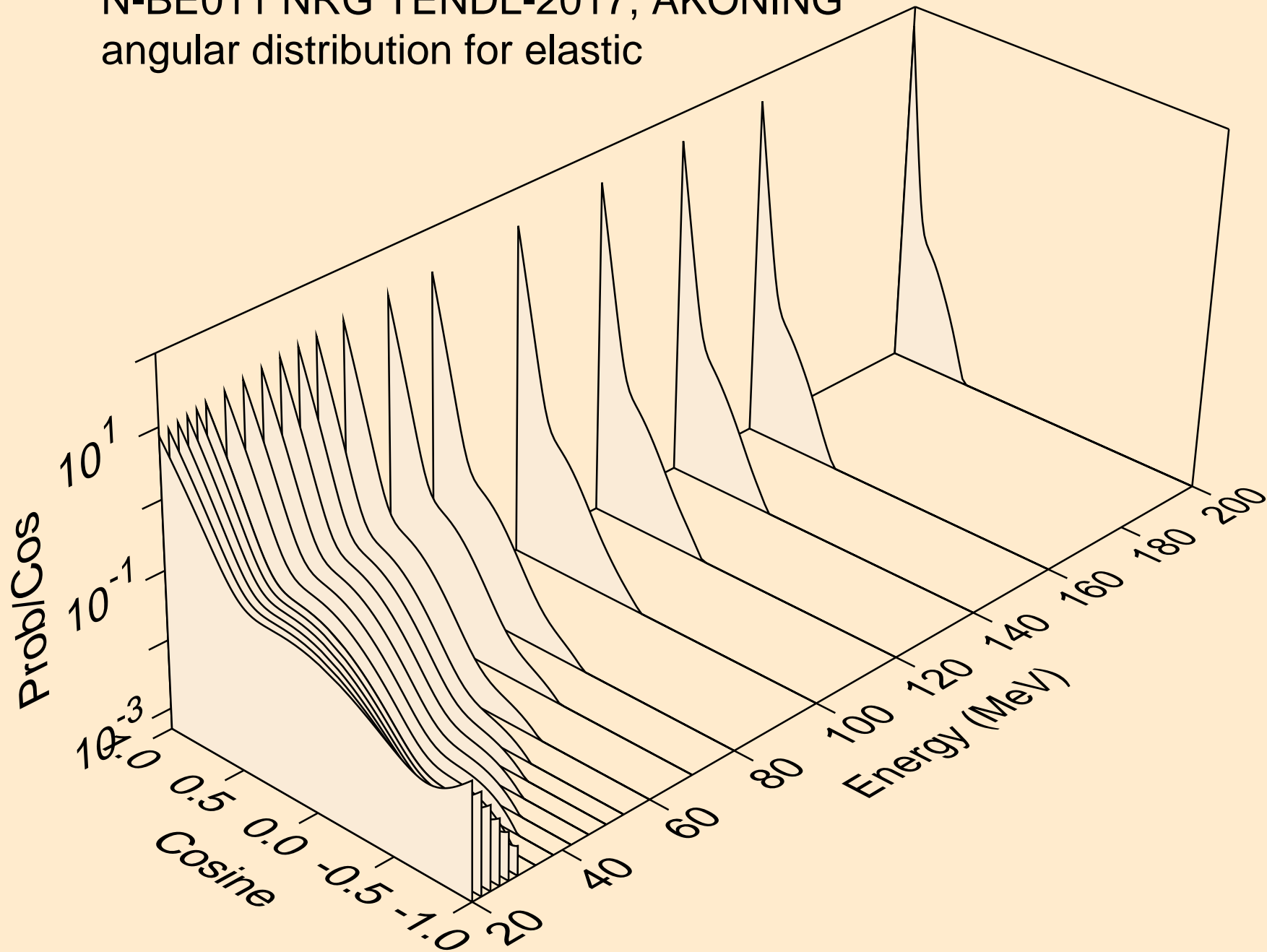
## Threshold reactions



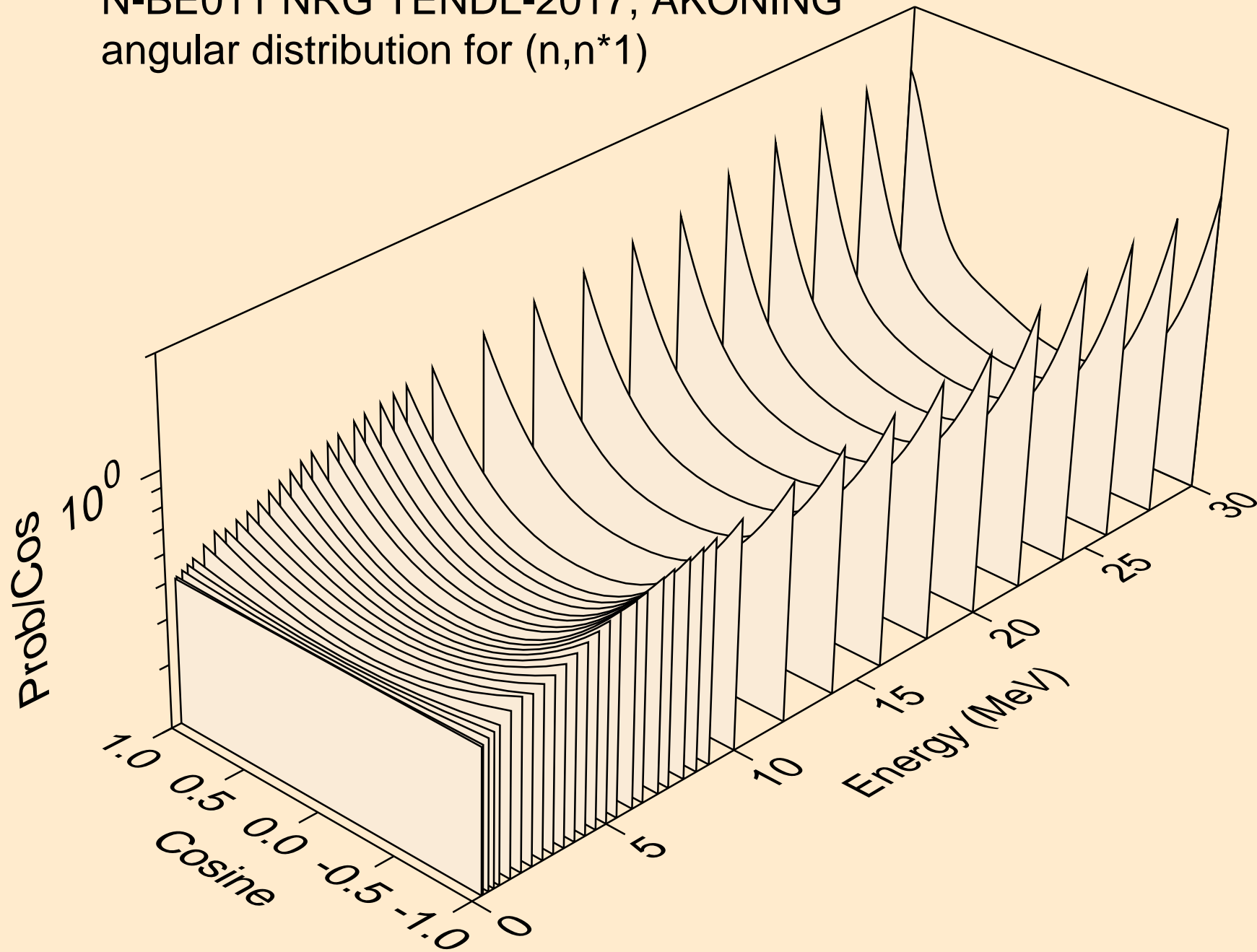
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for elastic



N-BE011 NRG TENDL-2017, AKONING  
angular distribution for elastic

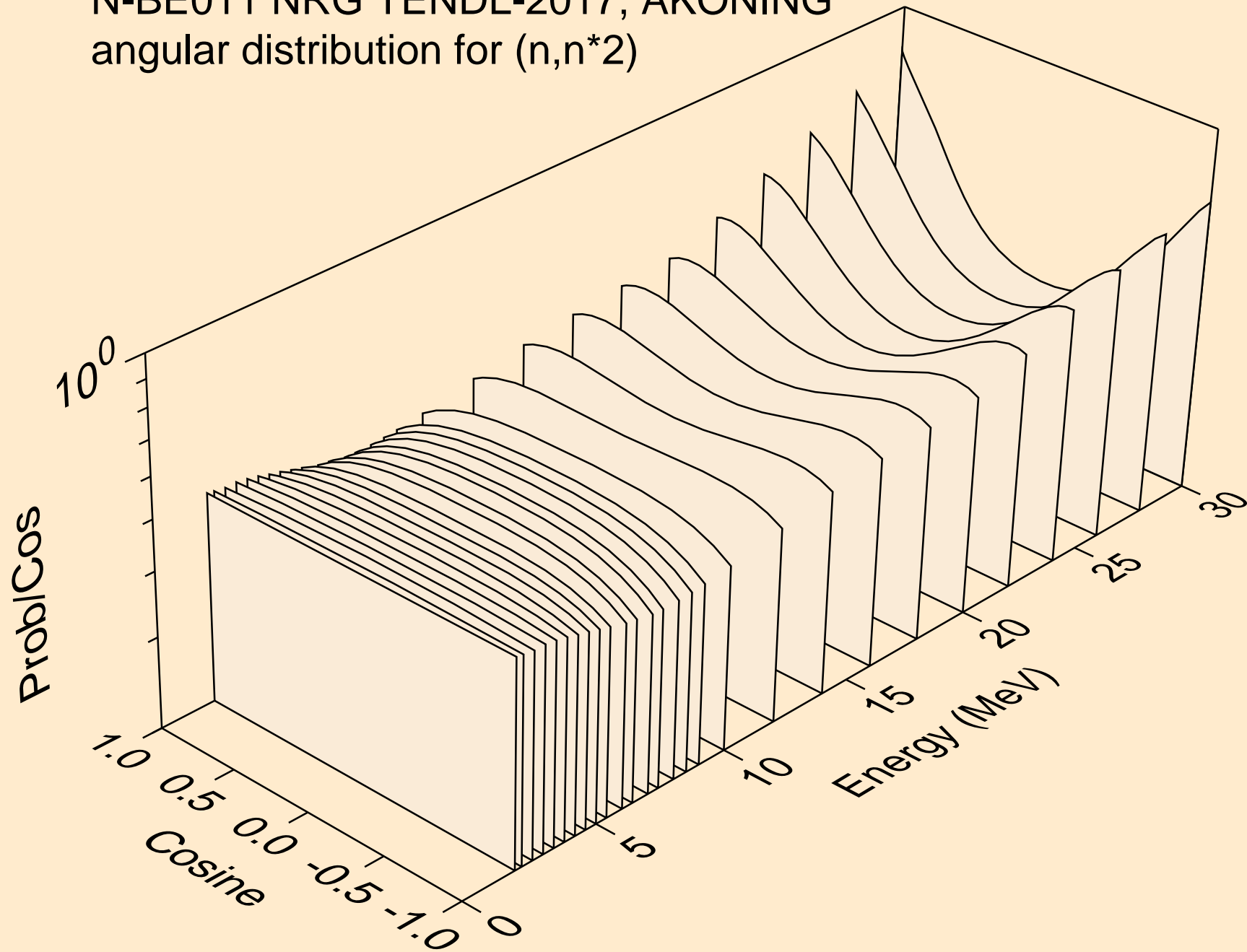


N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*1)

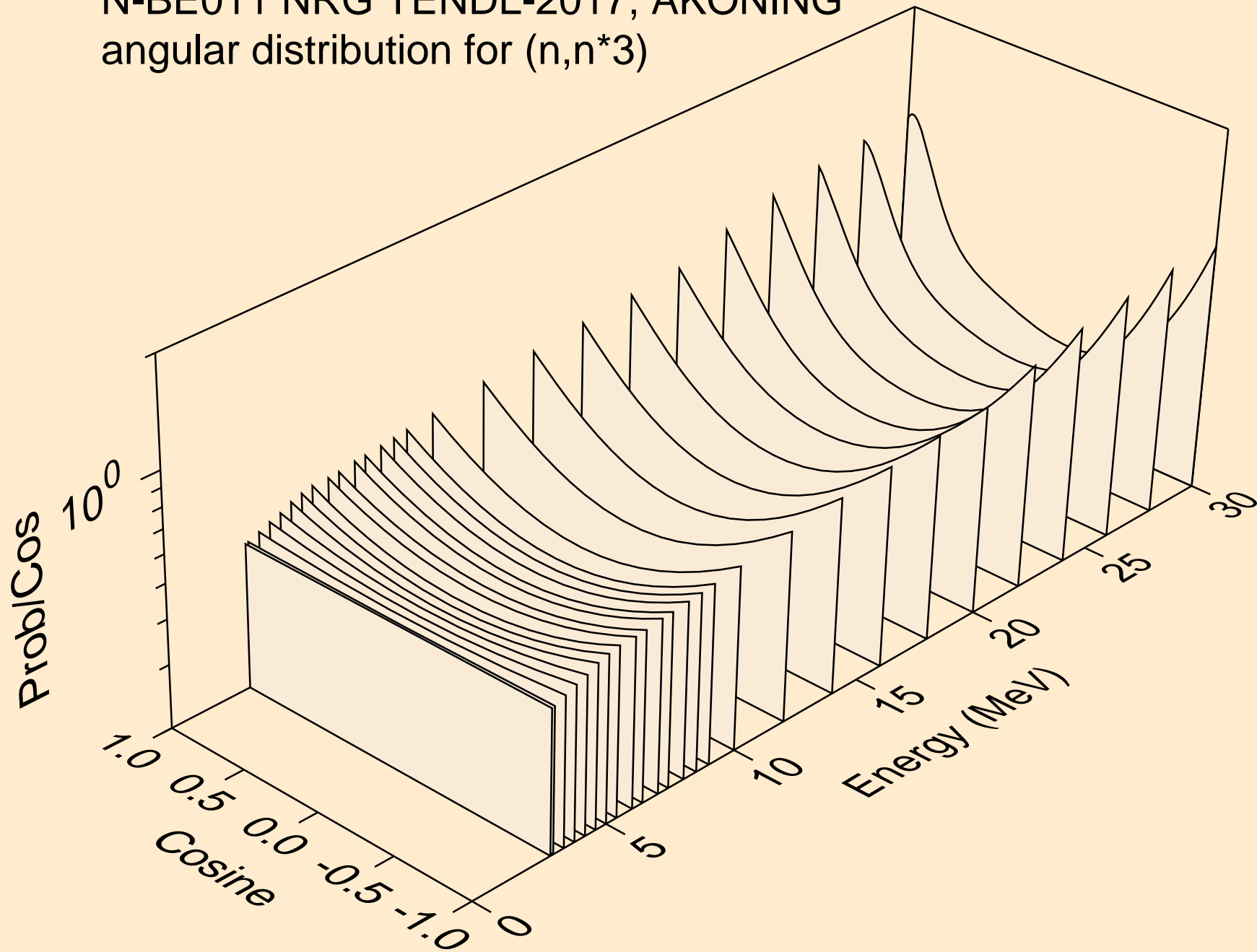




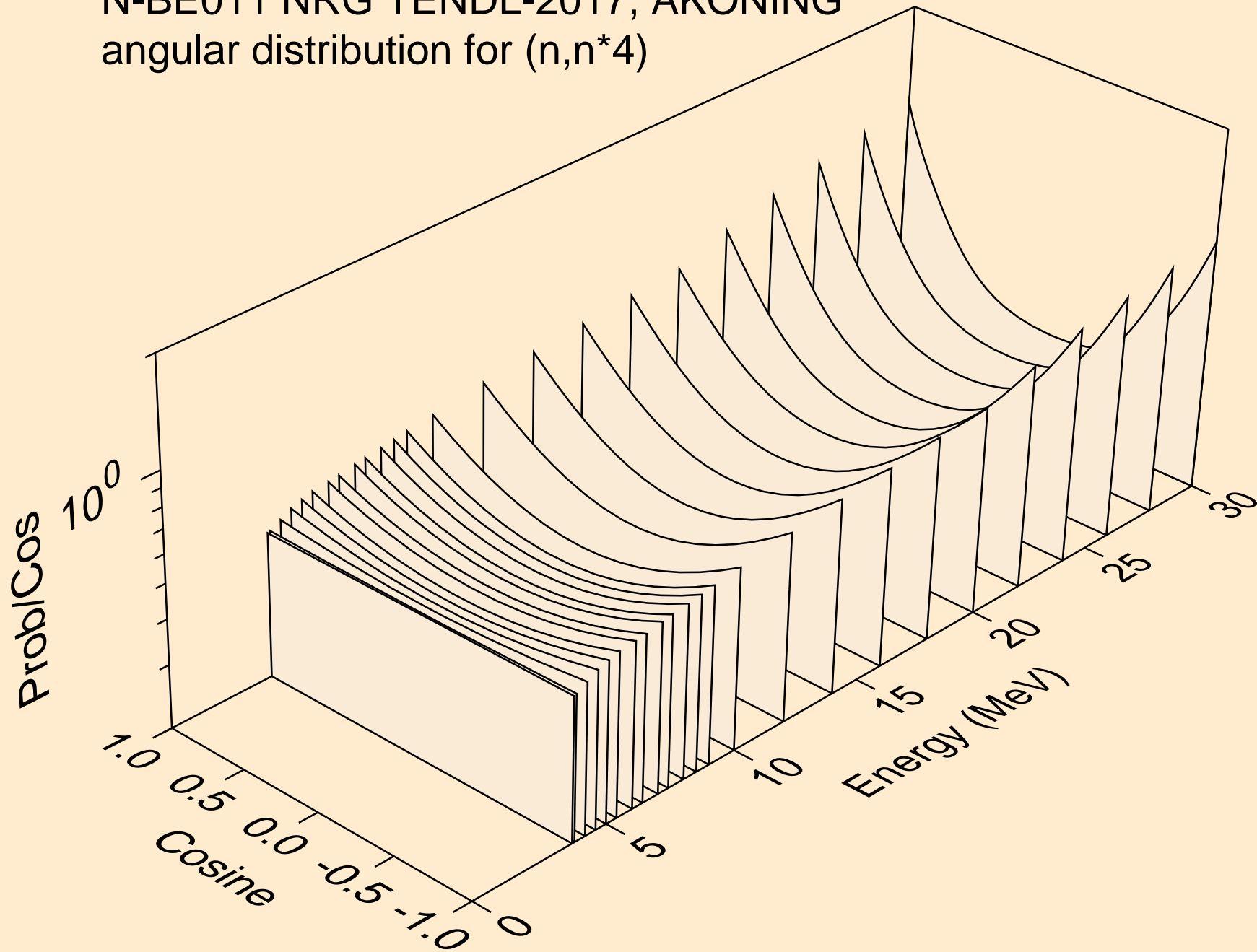
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*2)



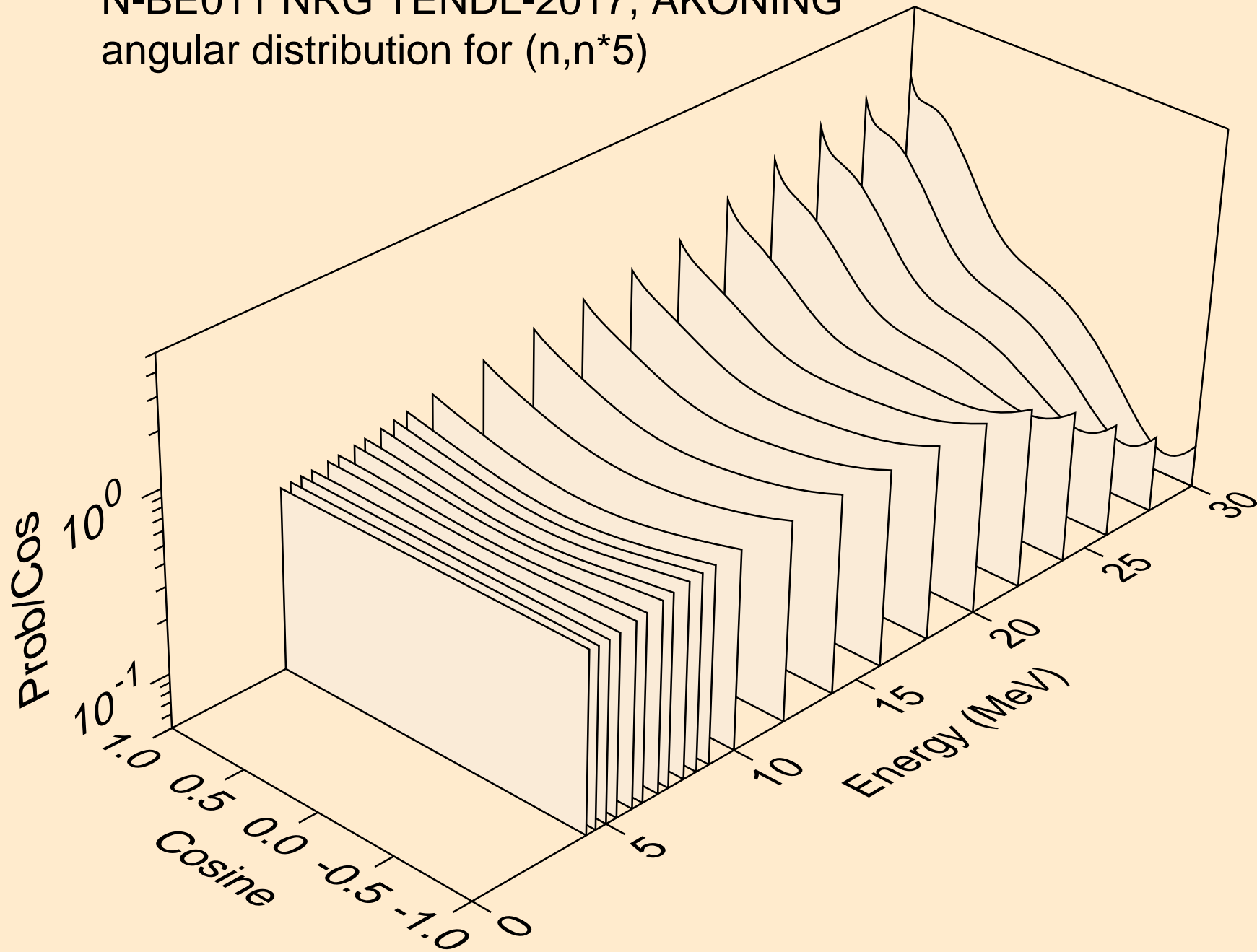
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*3)



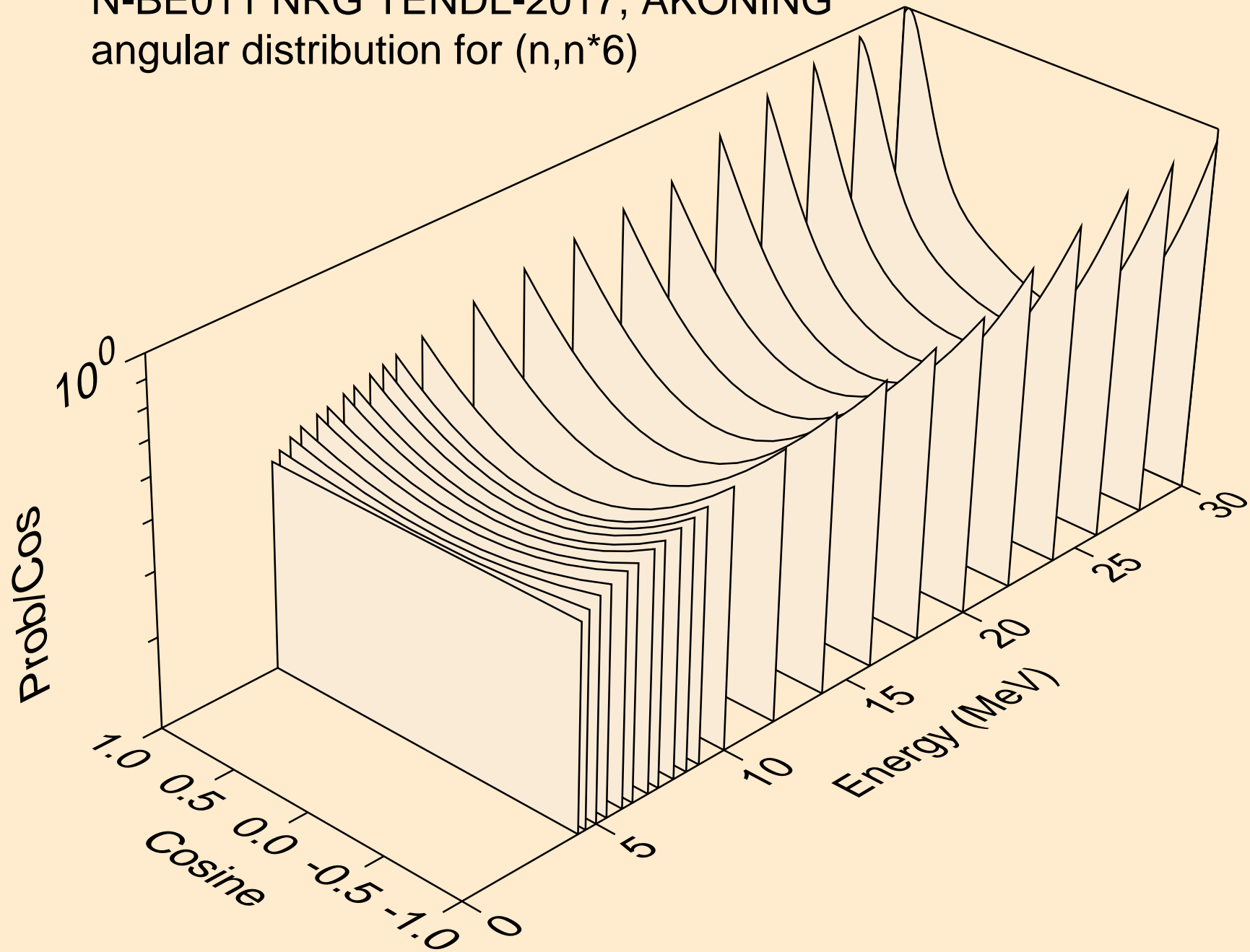
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*4)



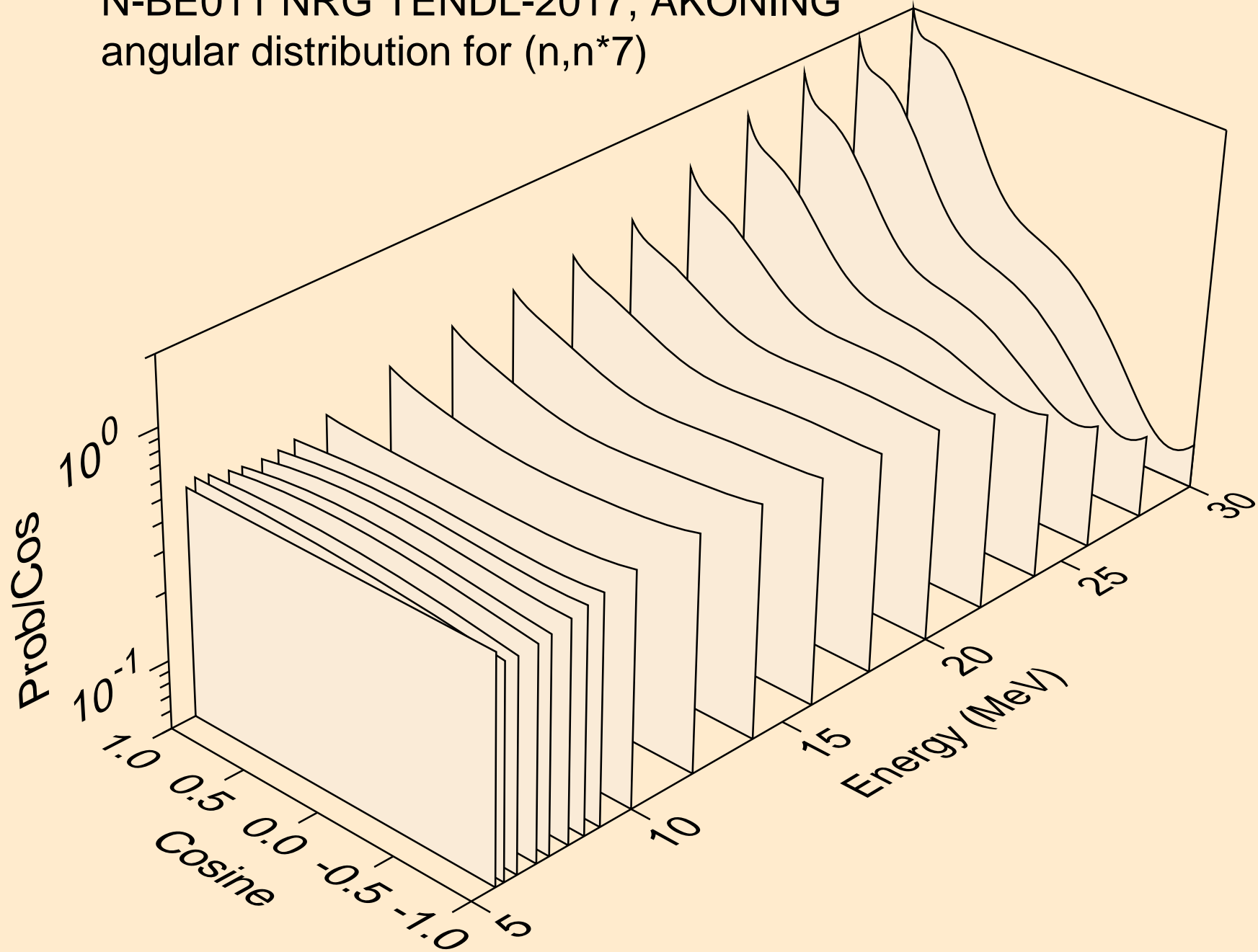
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*5)



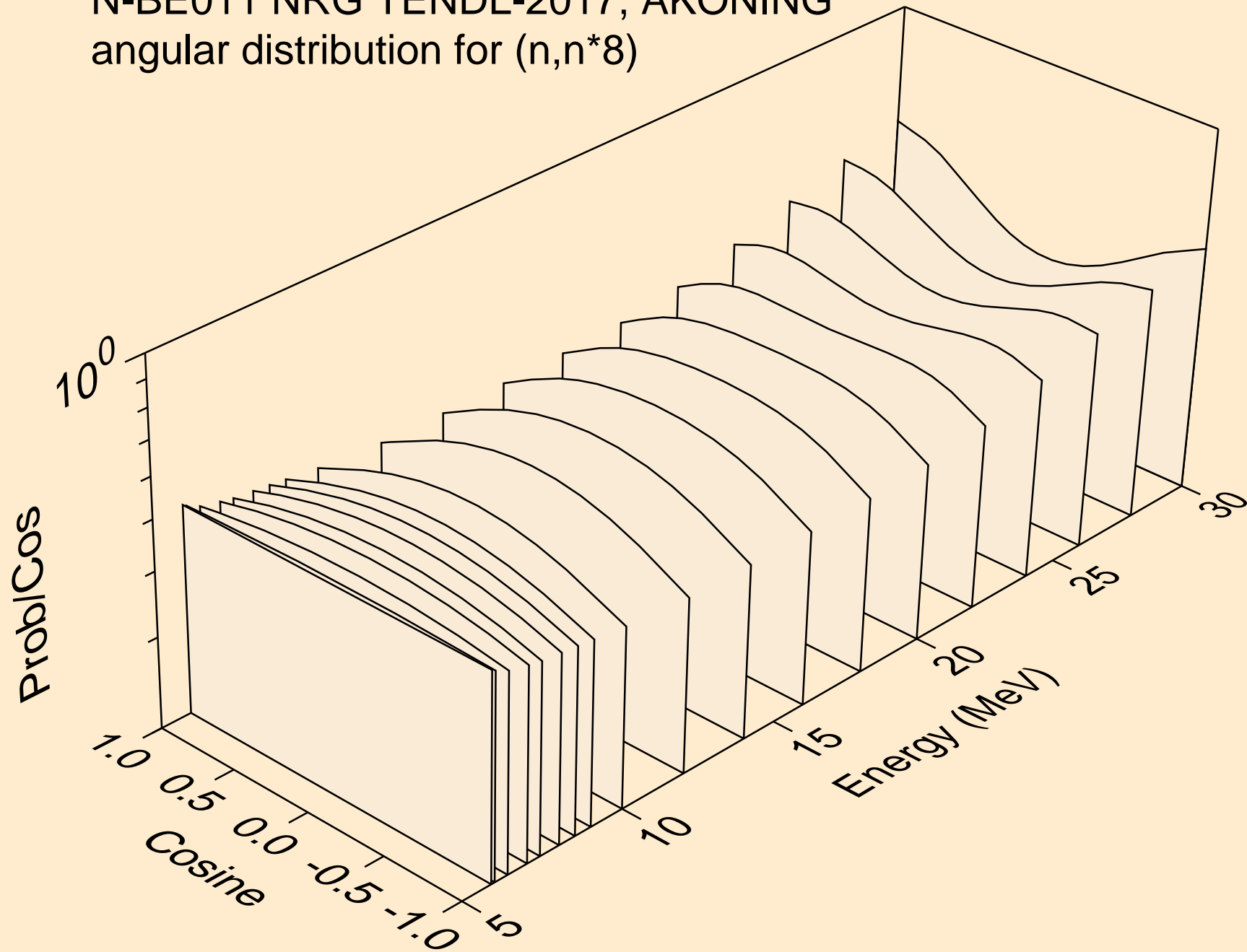
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*6)



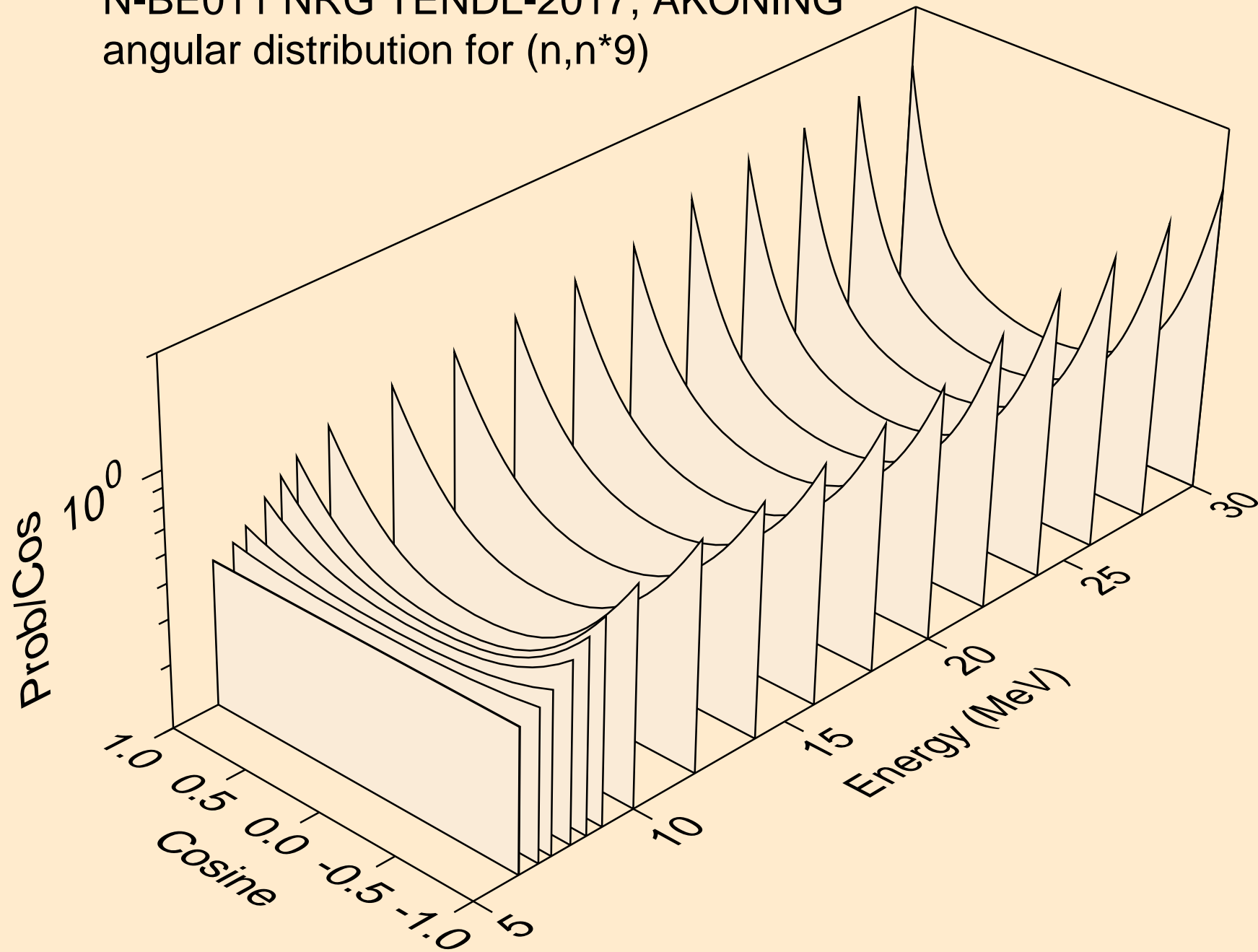
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*7)



N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*8)

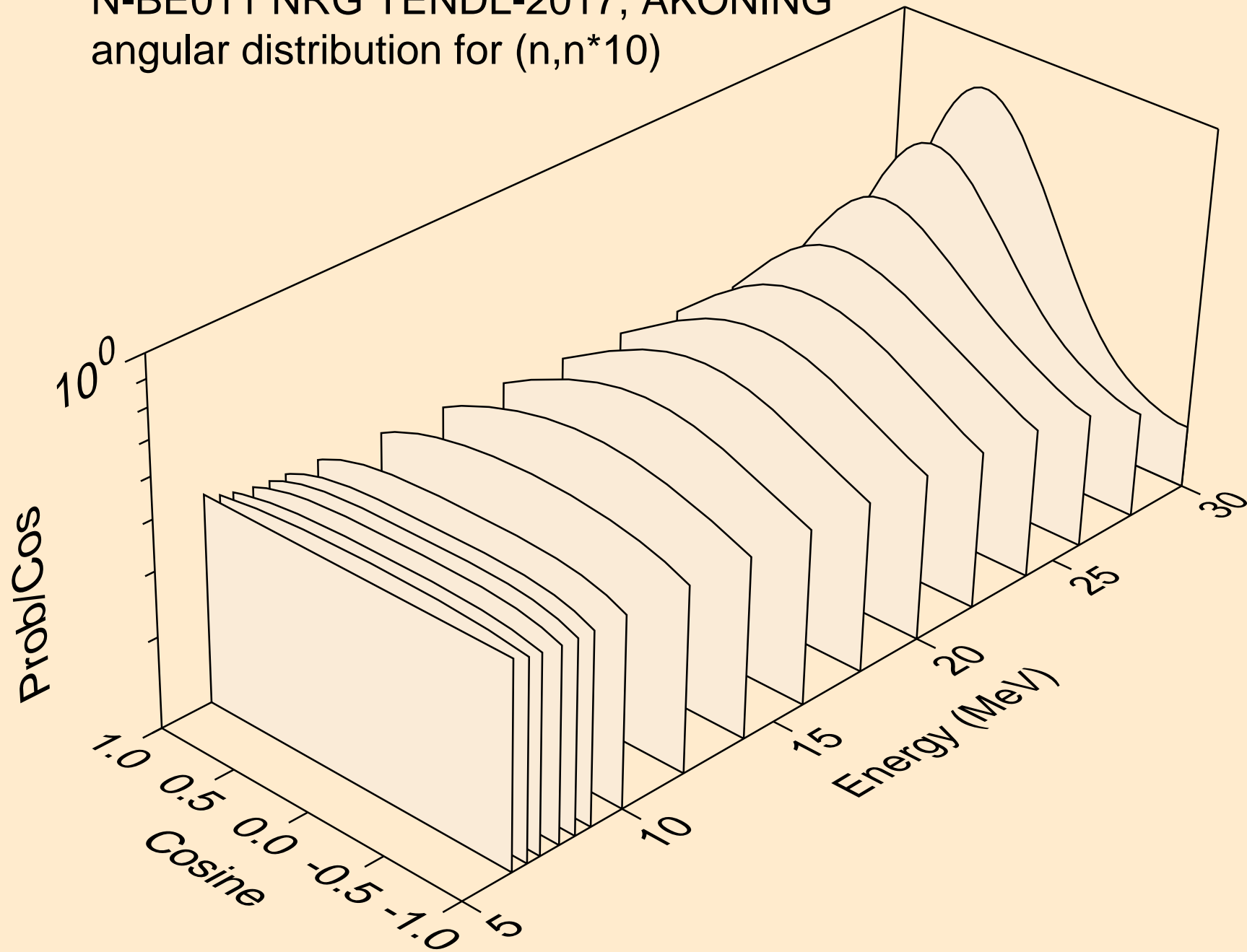


N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*9)

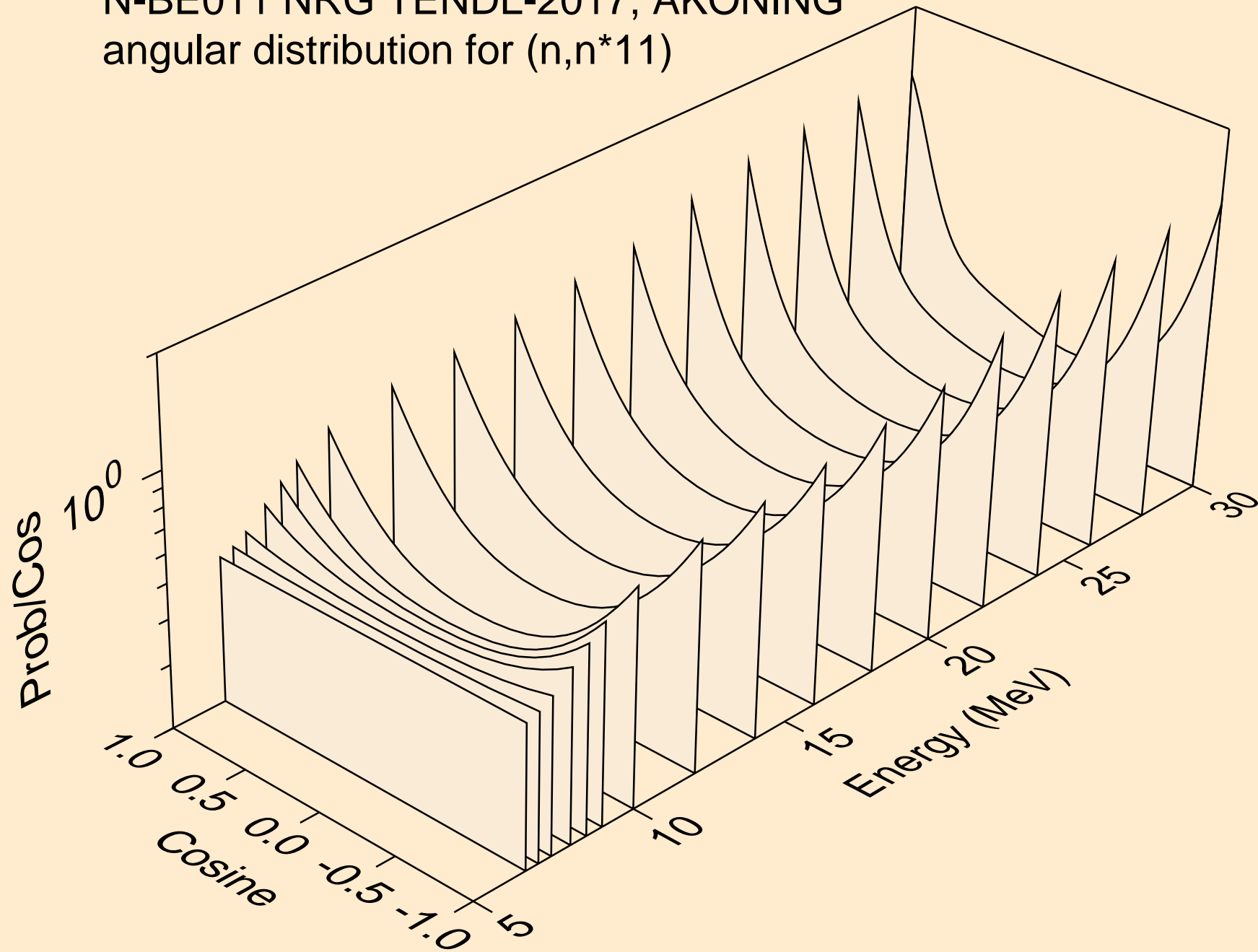




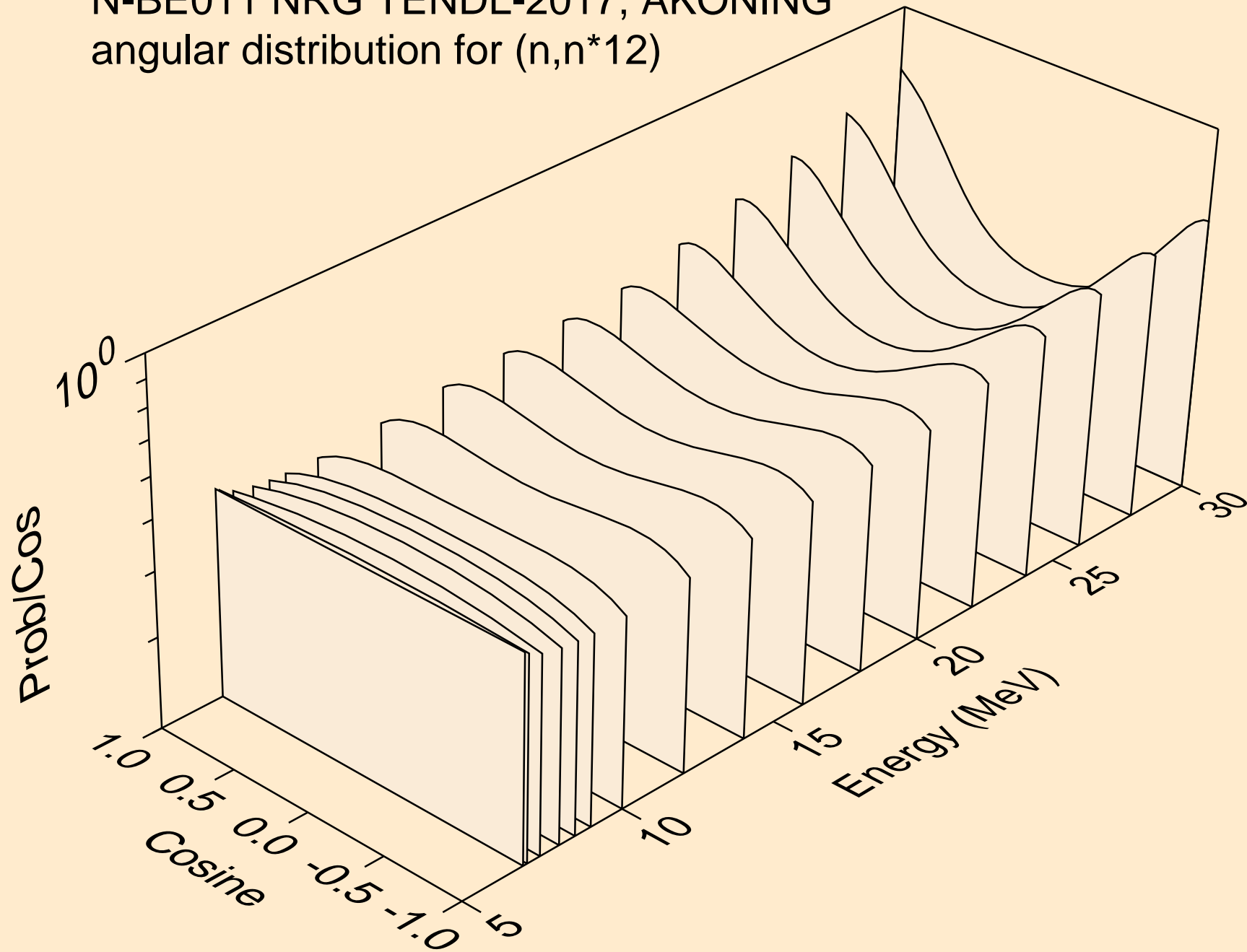
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angular distribution for (n,n\*10)



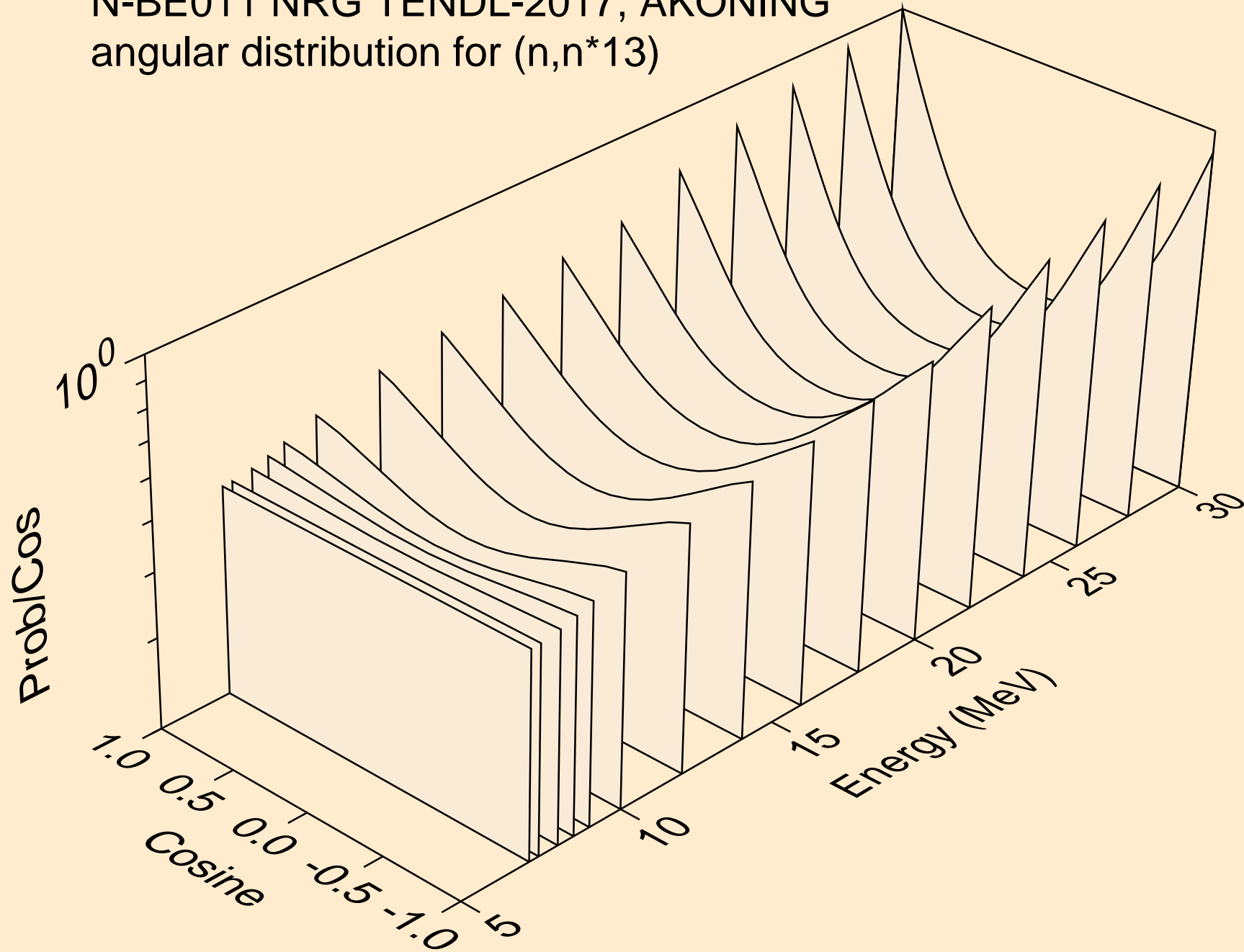
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angular distribution for (n,n\*11)



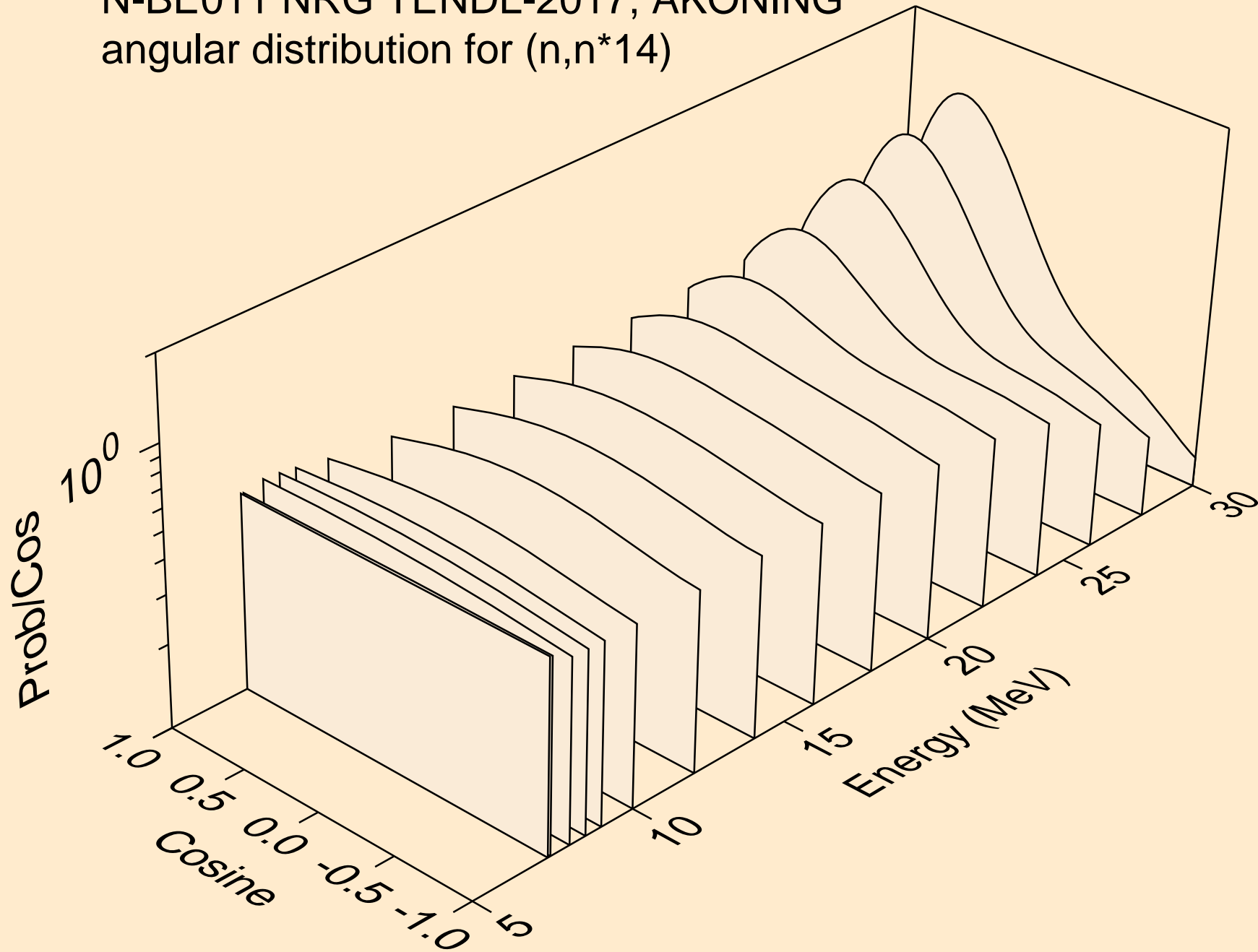
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*12)



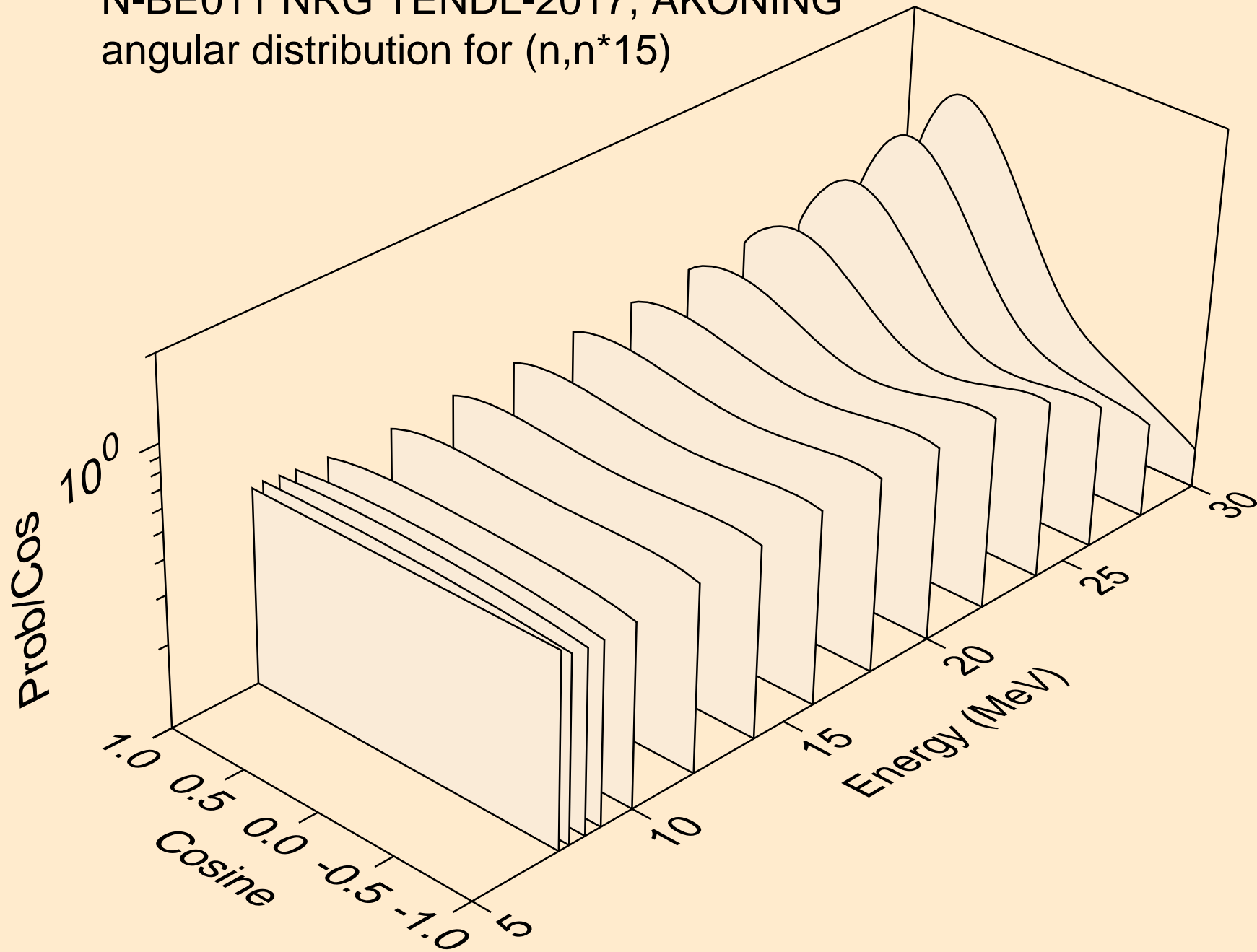
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*13)



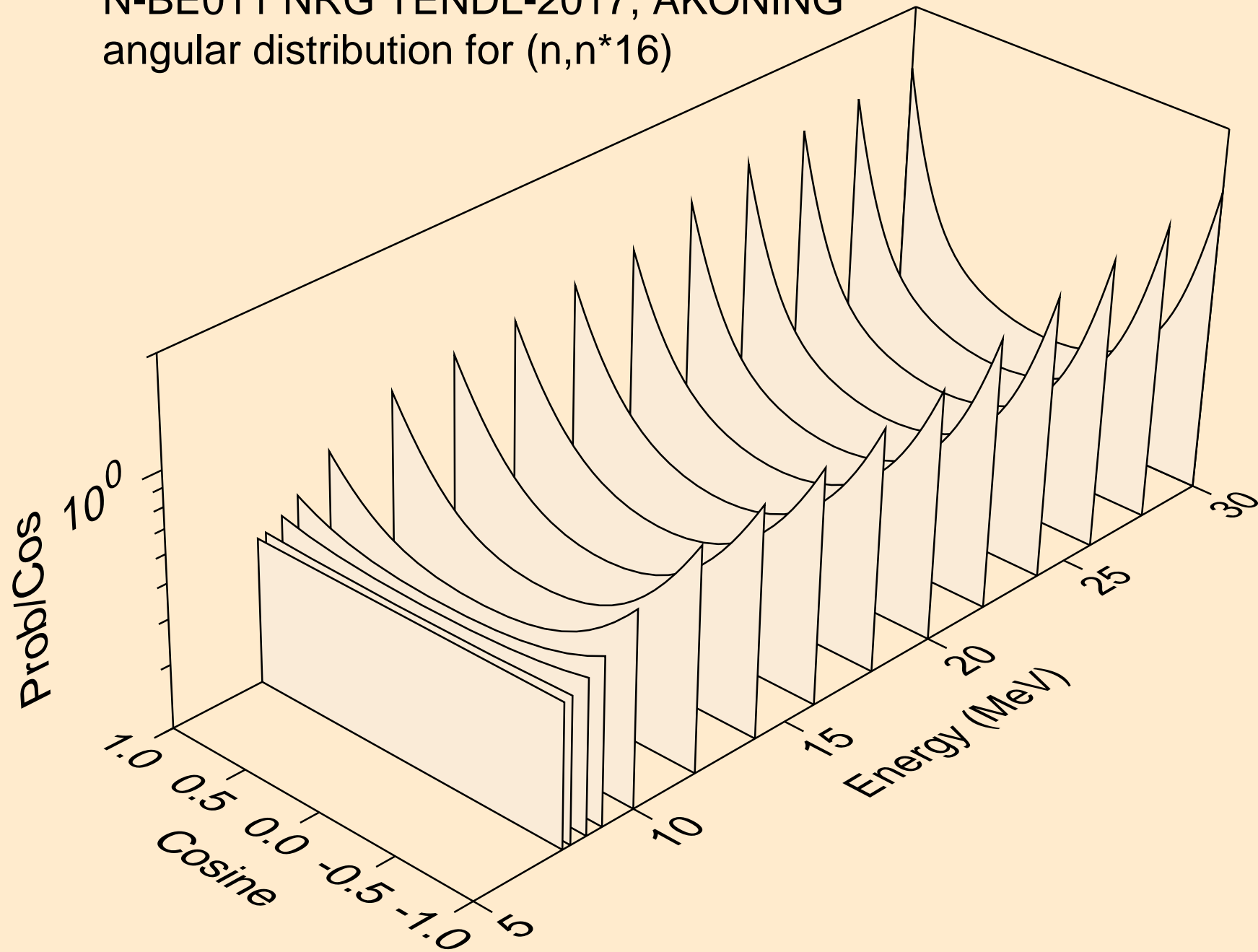
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angular distribution for (n,n\*14)



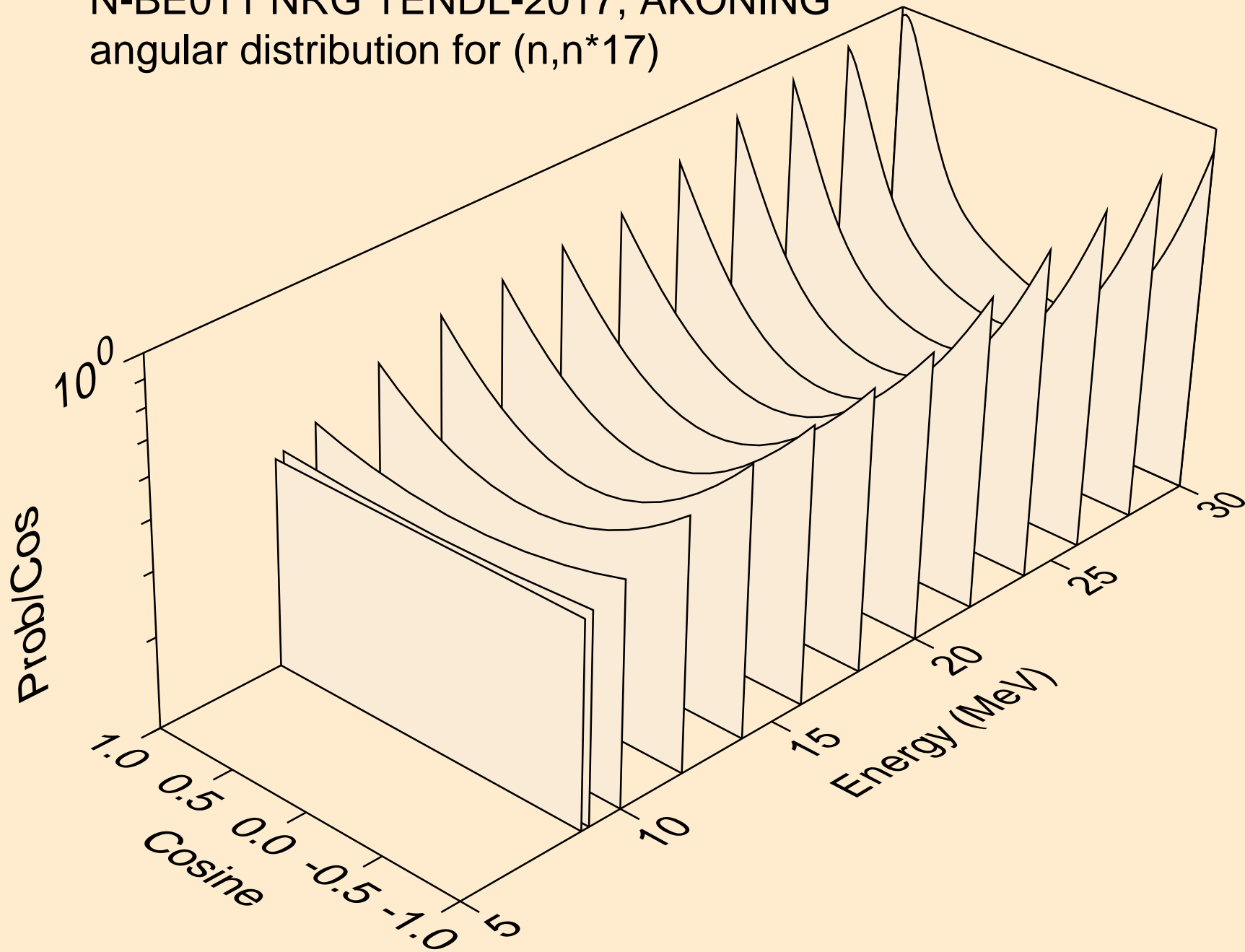
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*15)



N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*16)

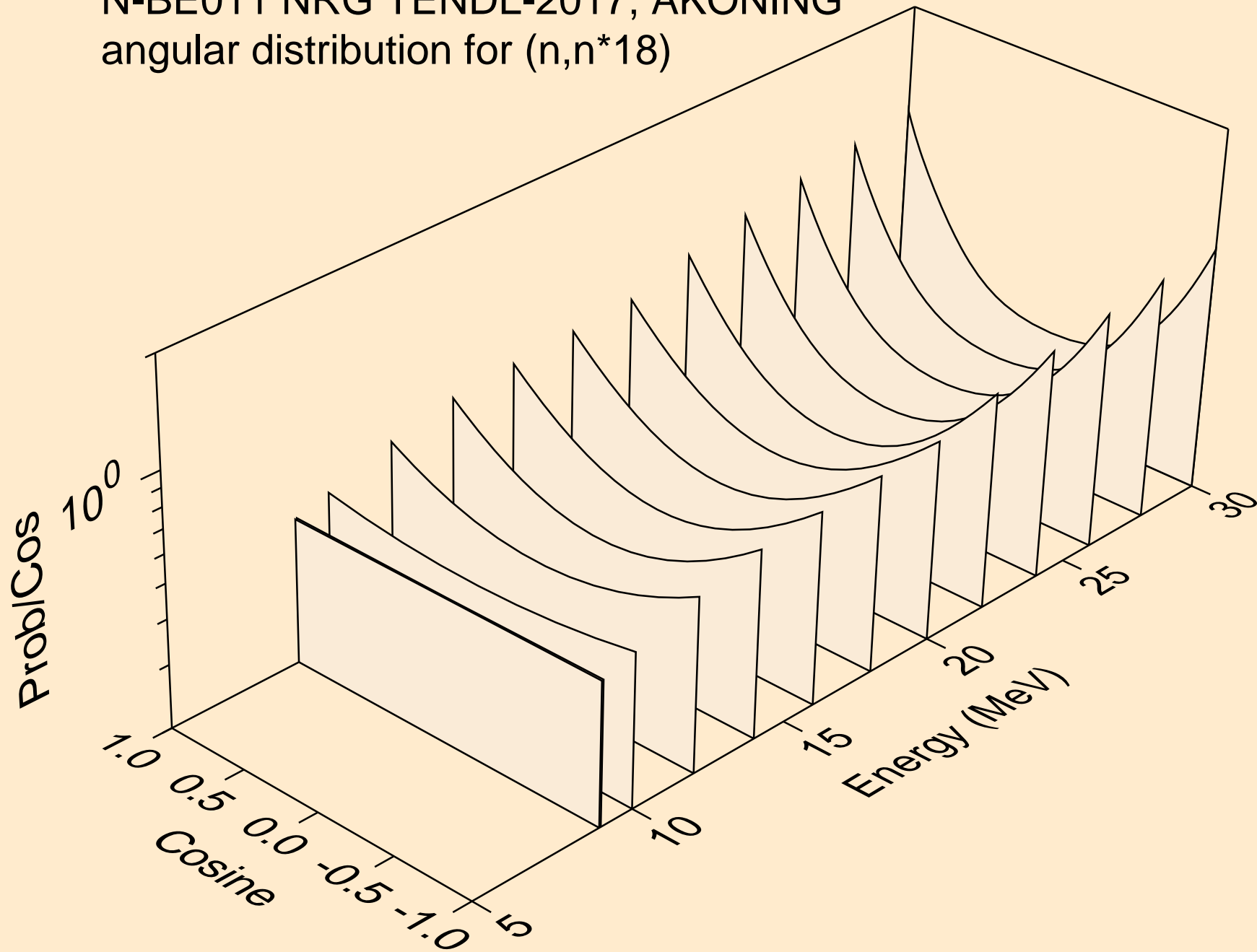


N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*17)

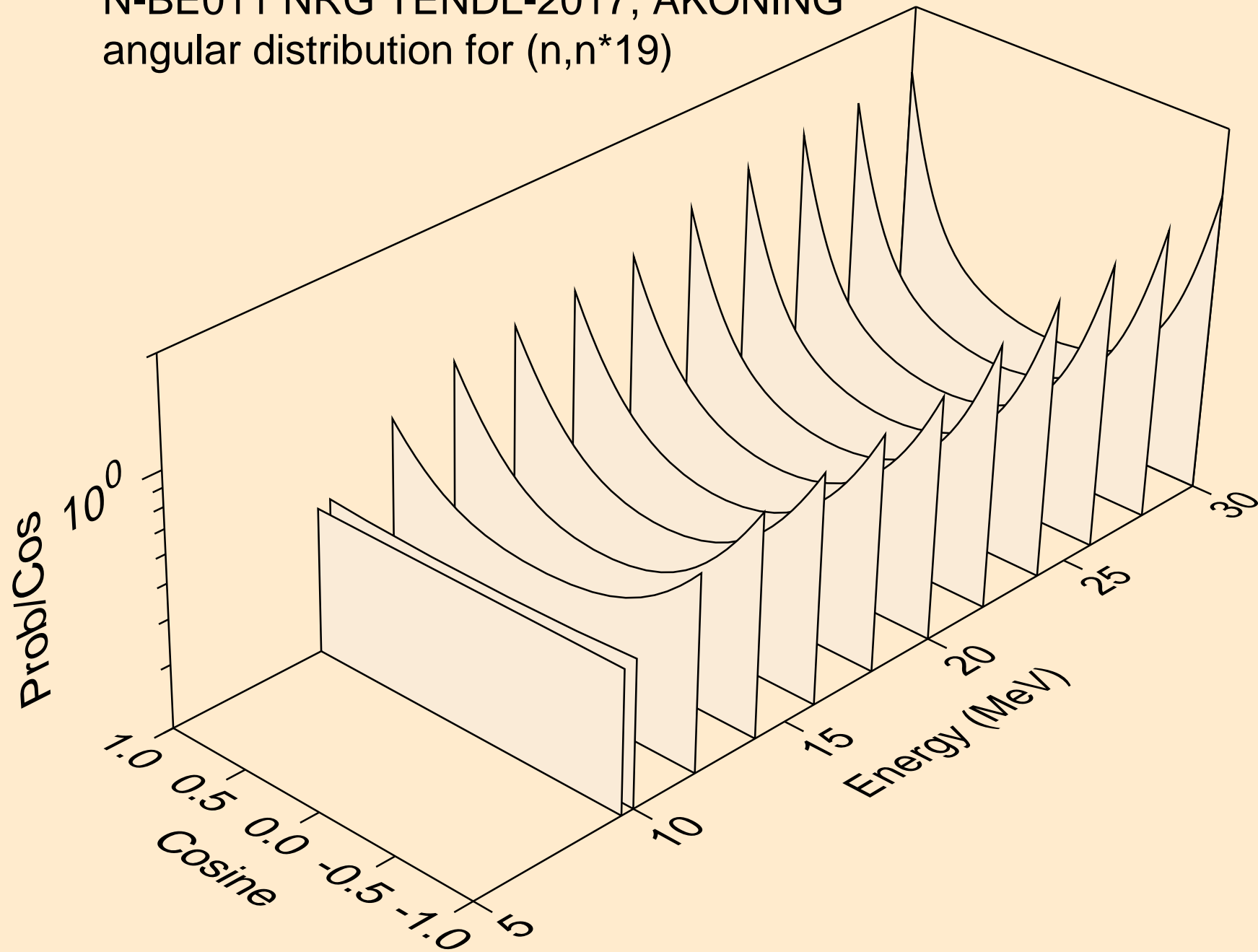




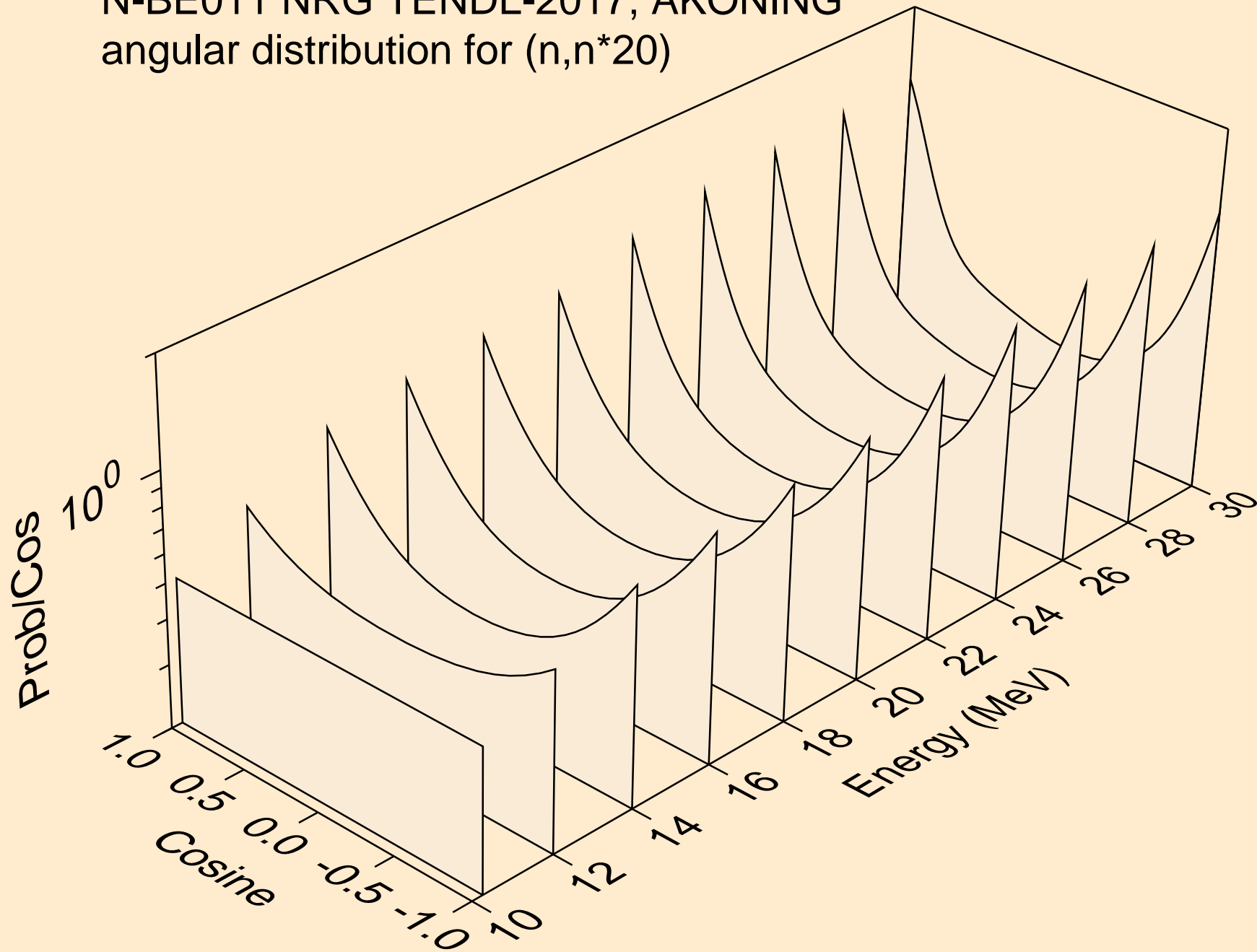
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angular distribution for (n,n\*18)



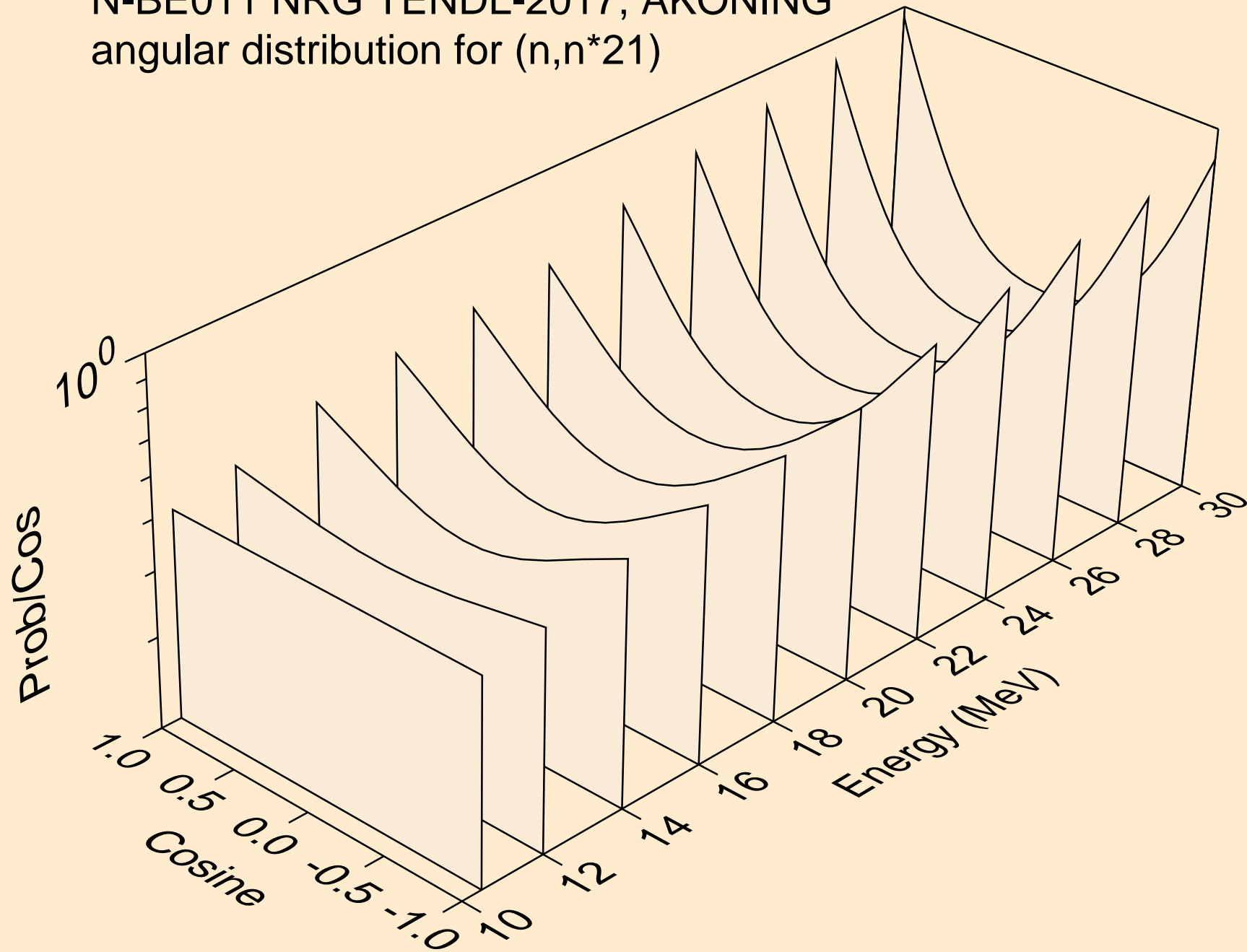
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angular distribution for (n,n\*19)



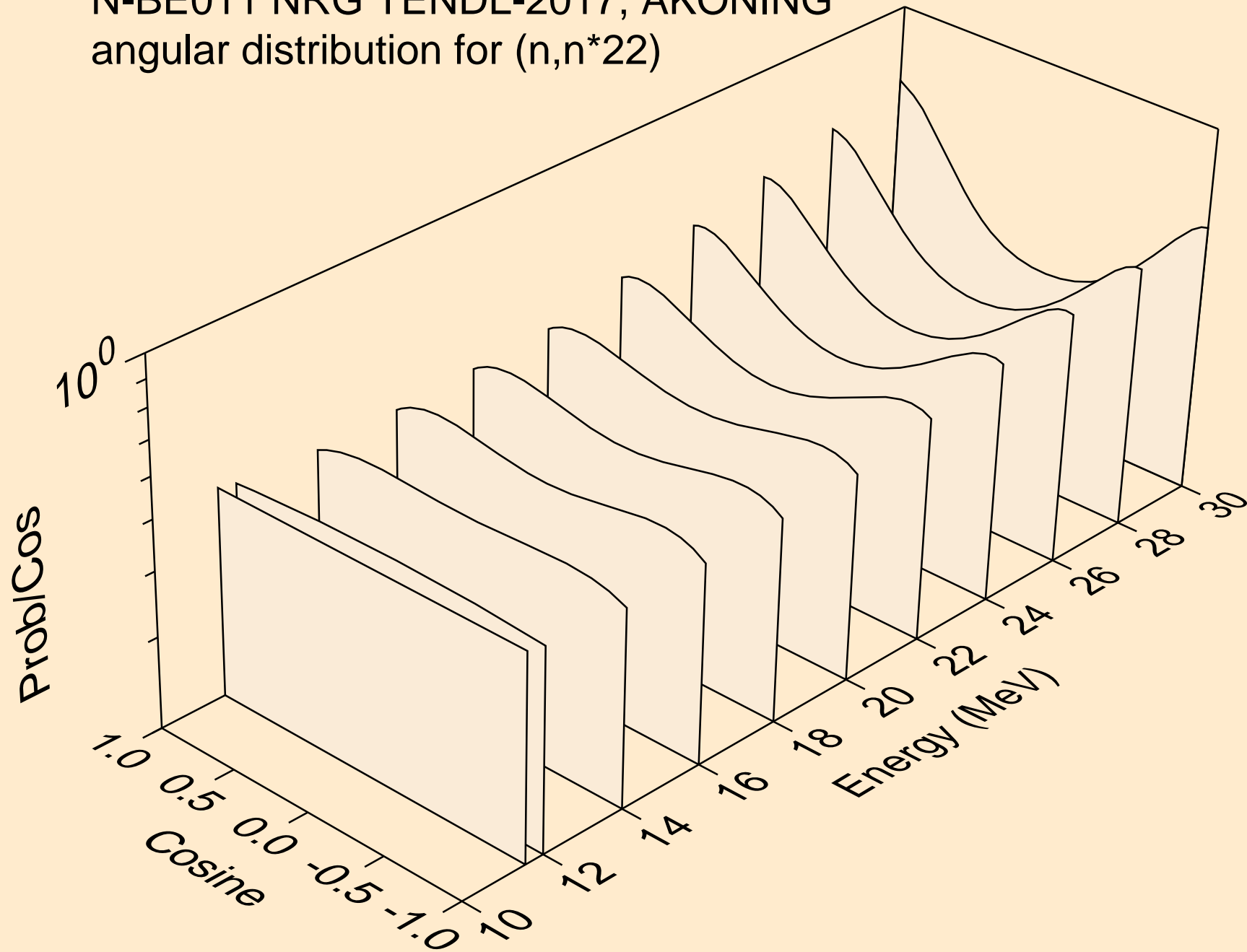
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*20)



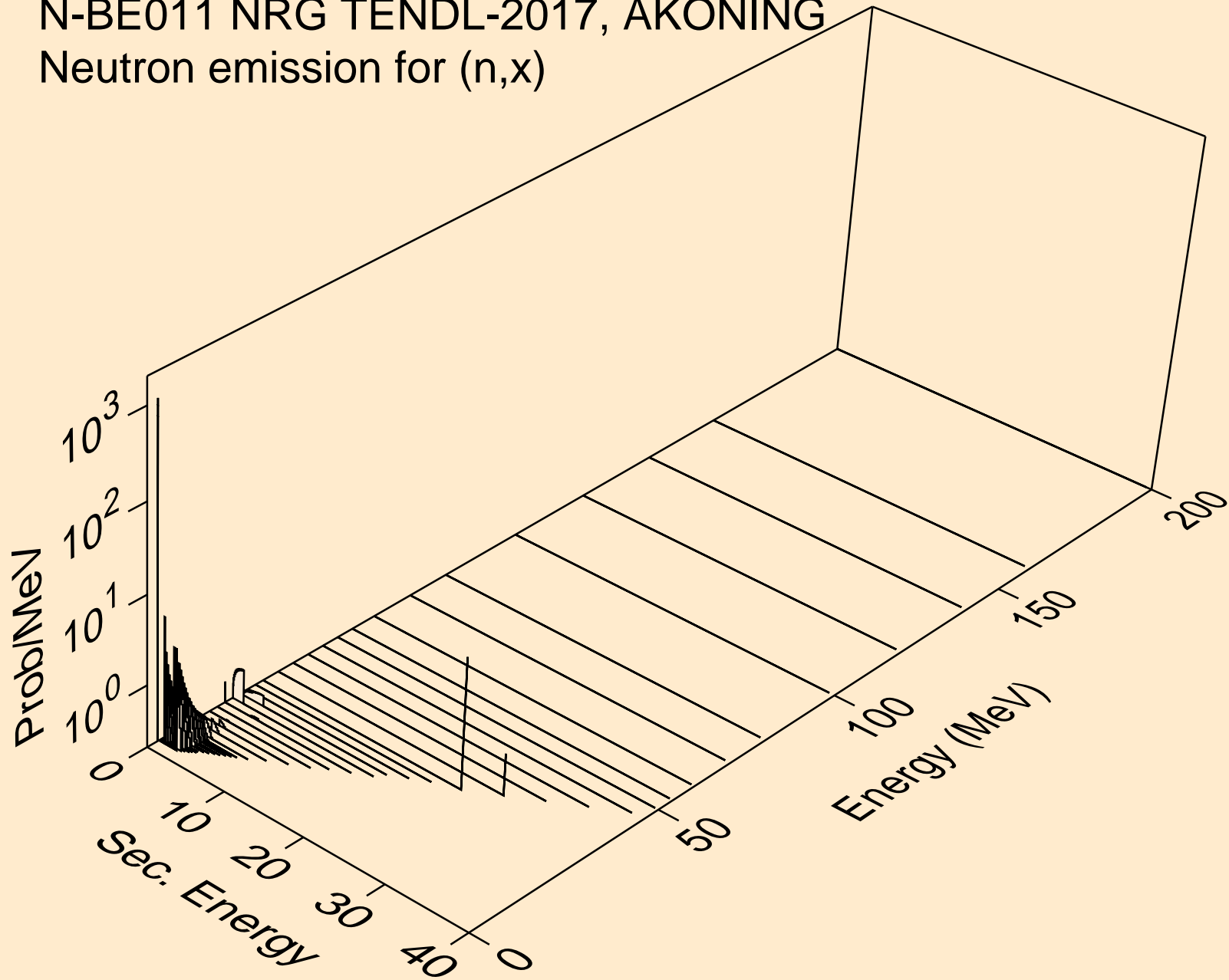
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*21)



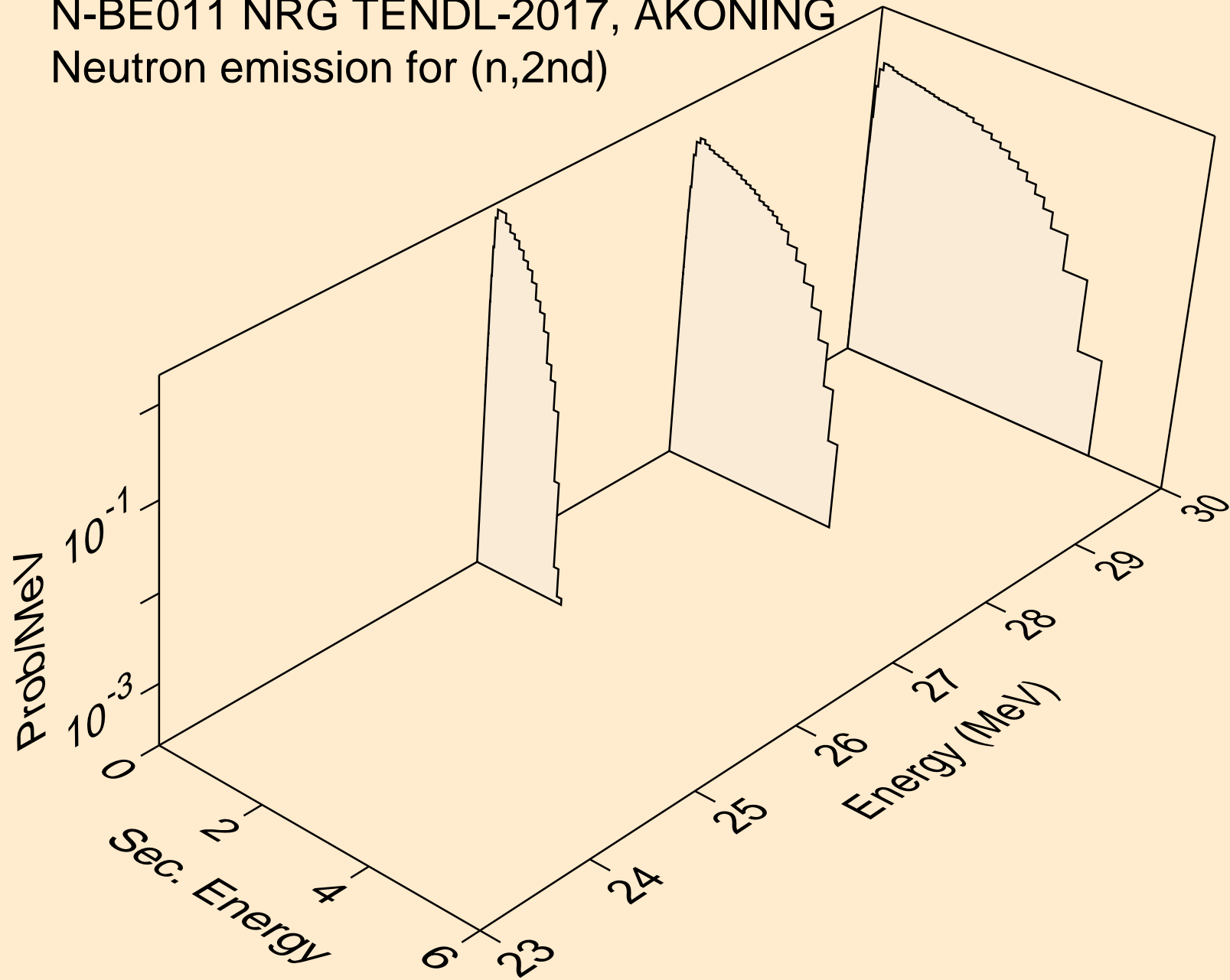
N-BE011 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*22)



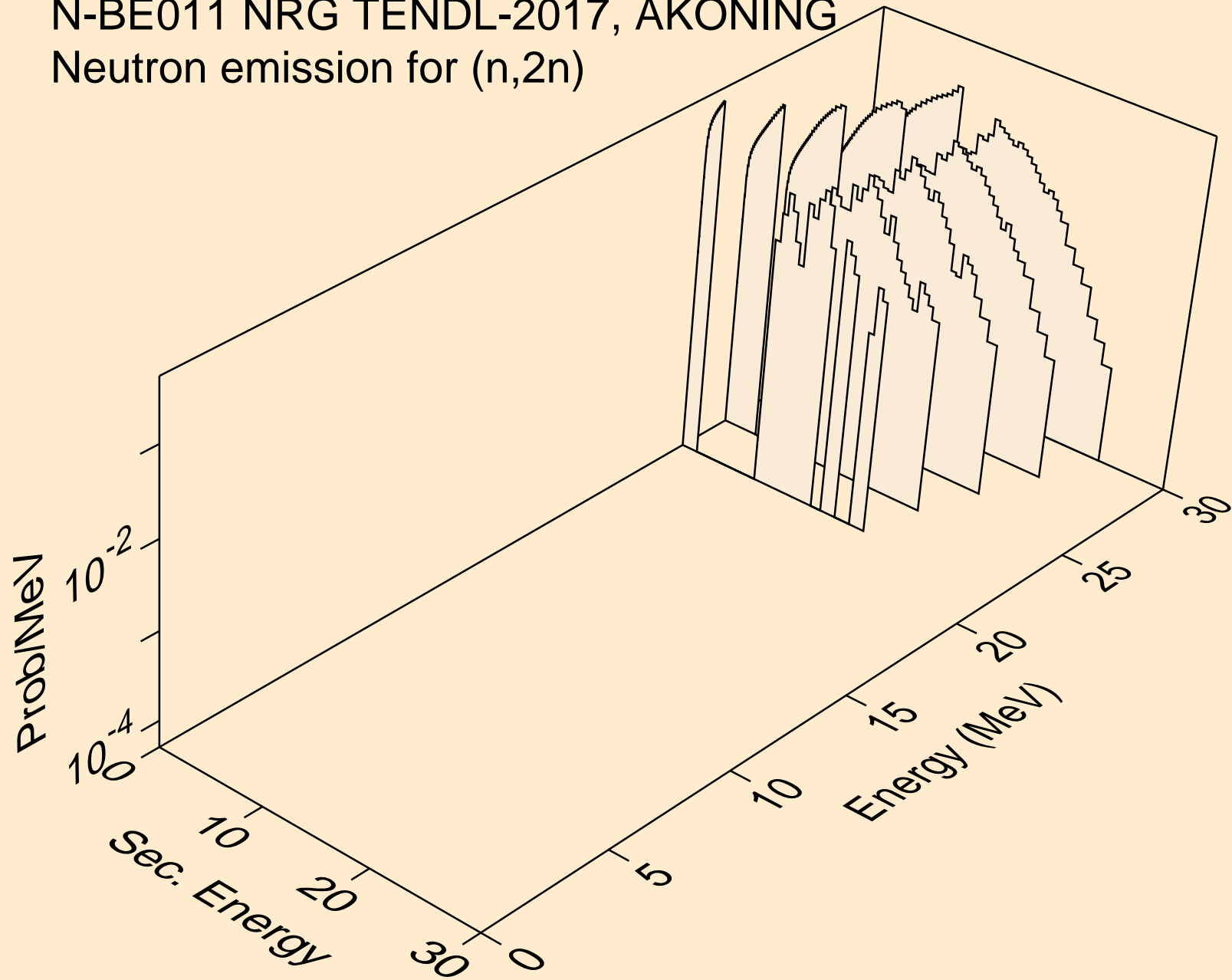
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,x)



N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,2nd)

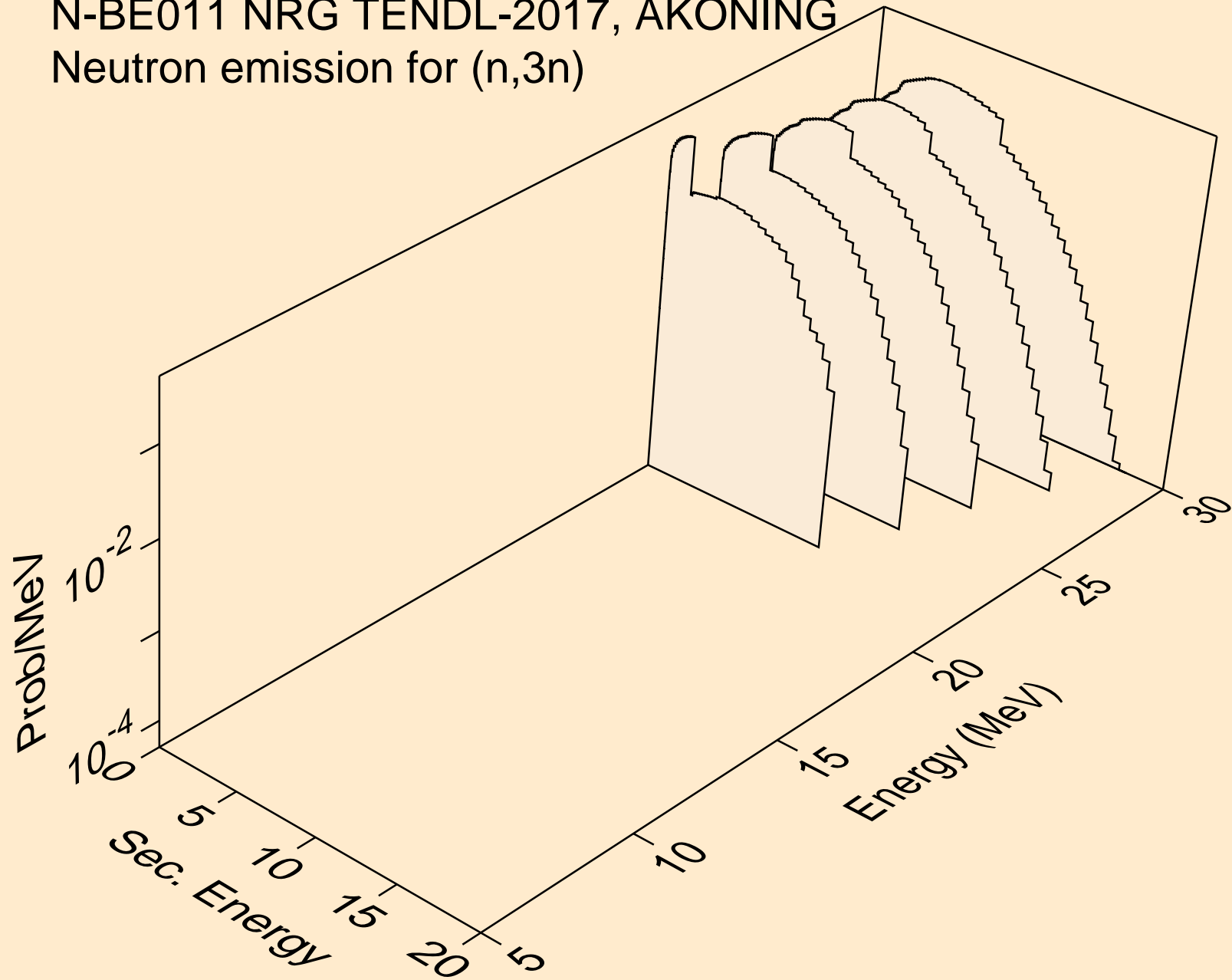


N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)

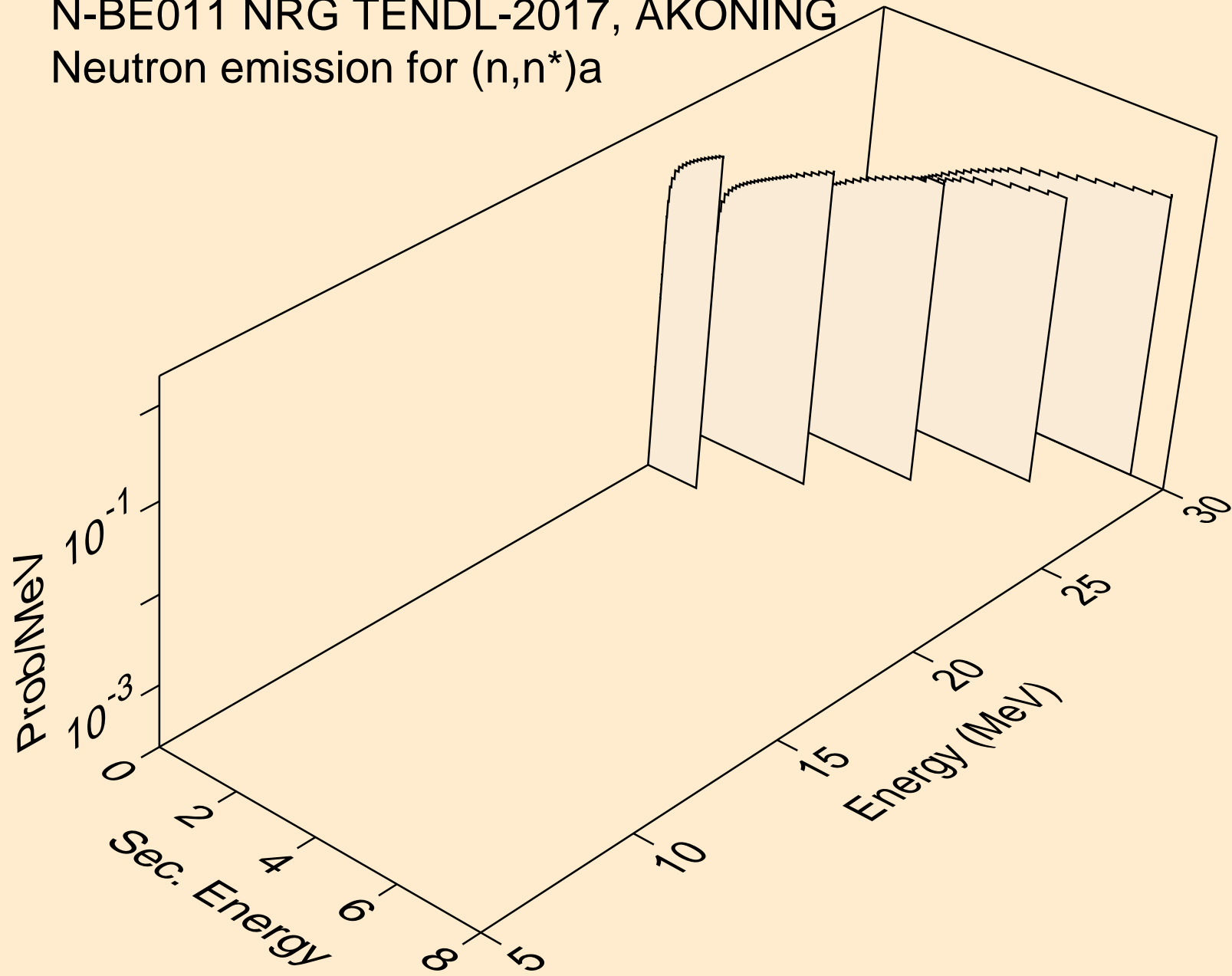




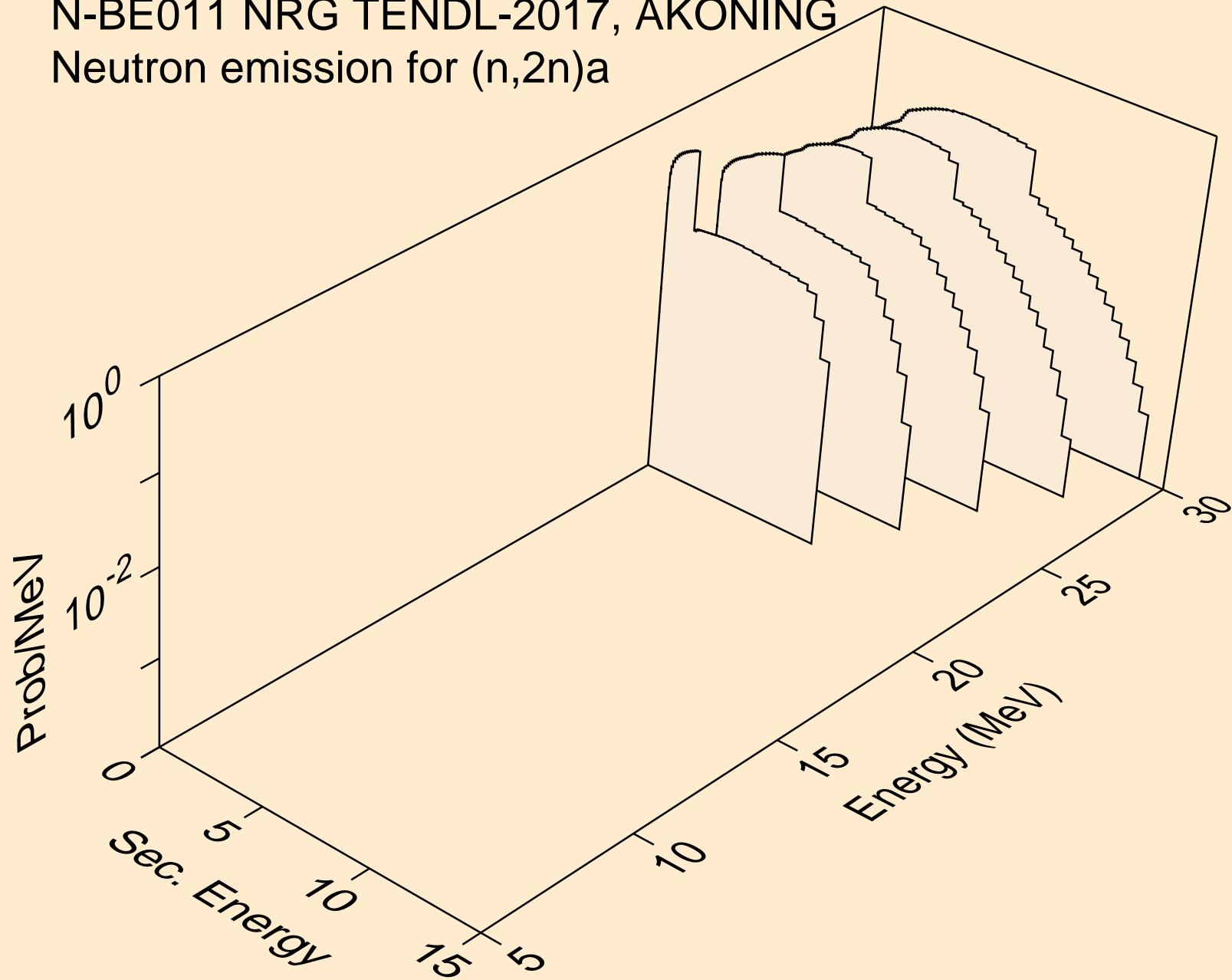
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)



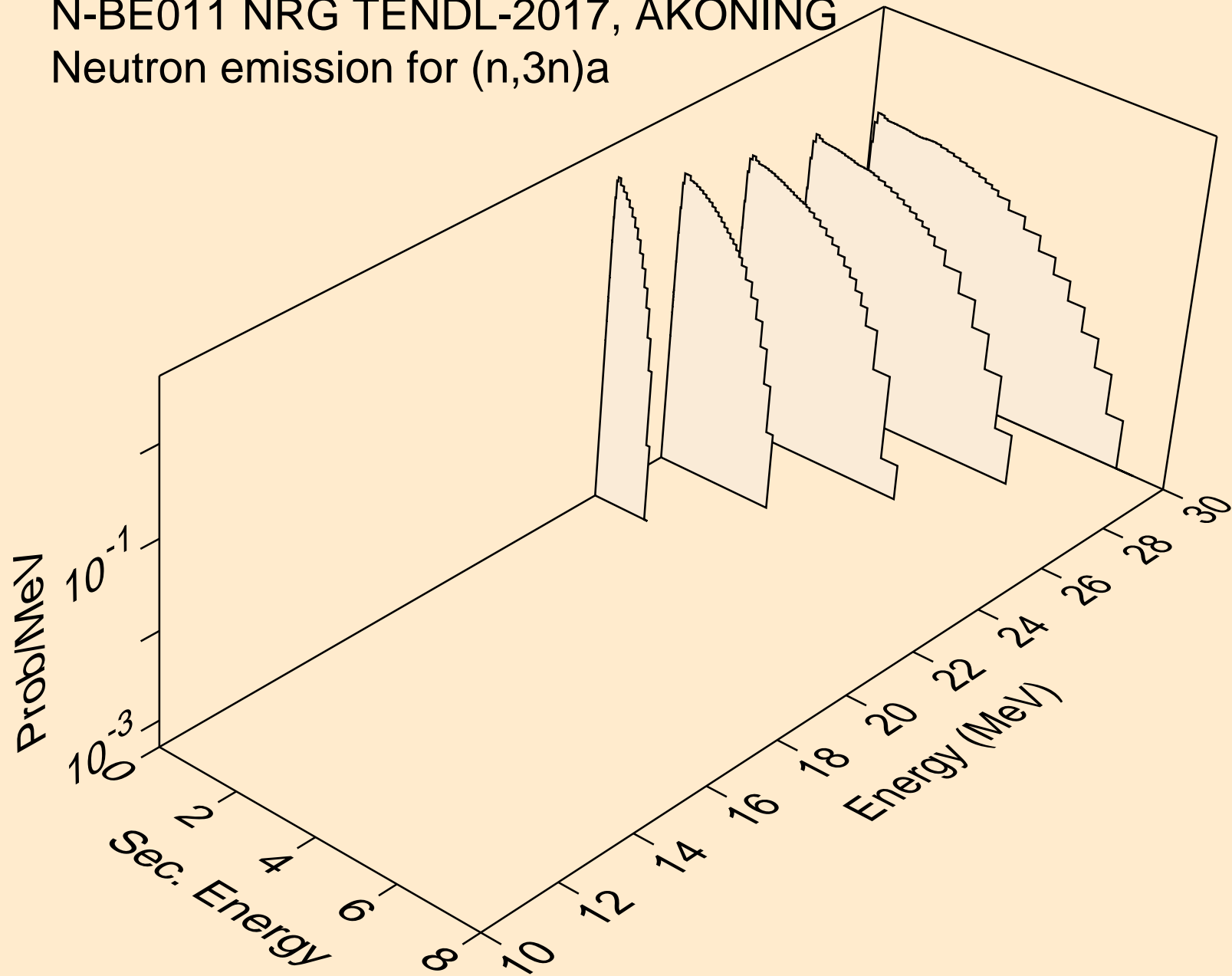
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)a



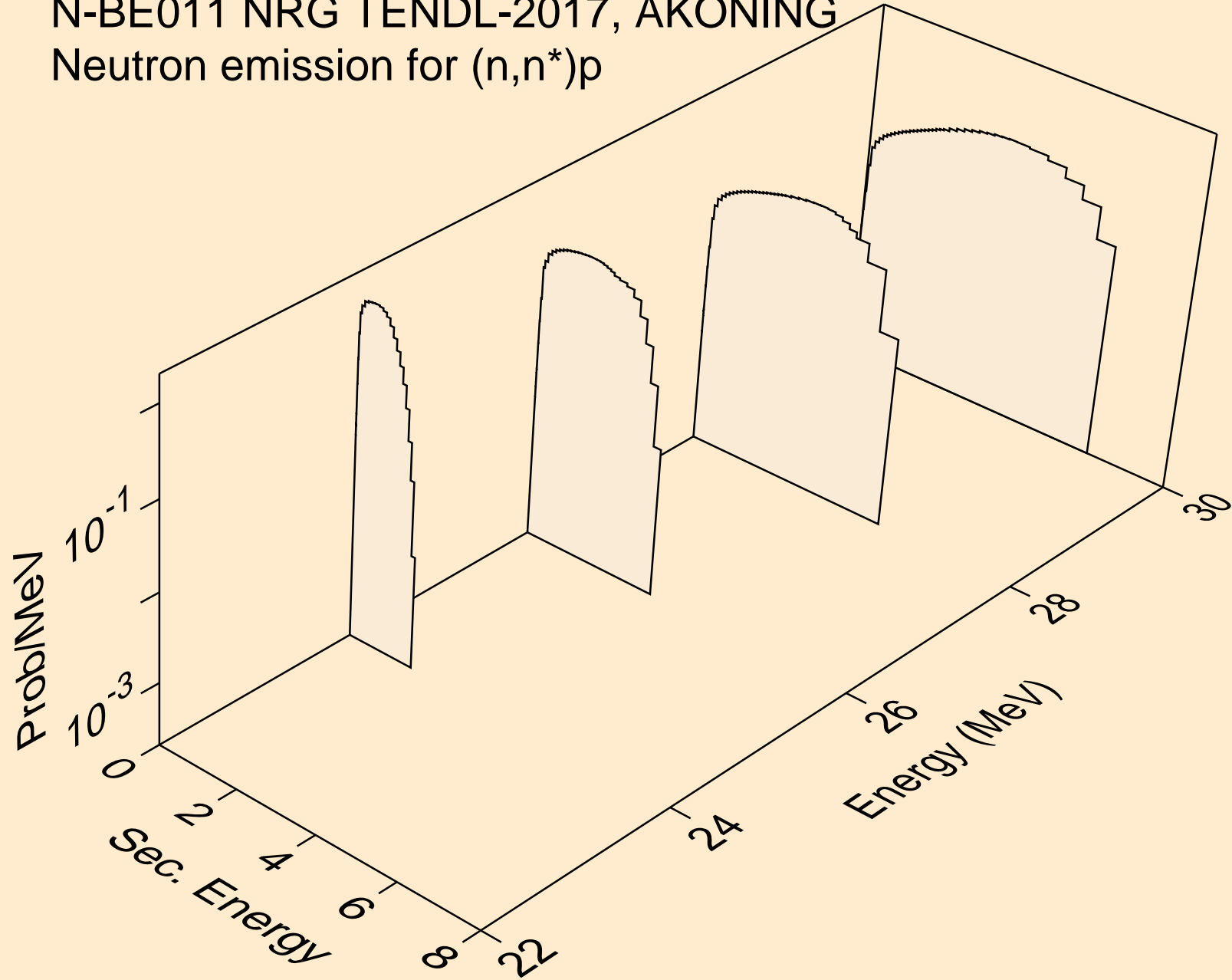
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)a



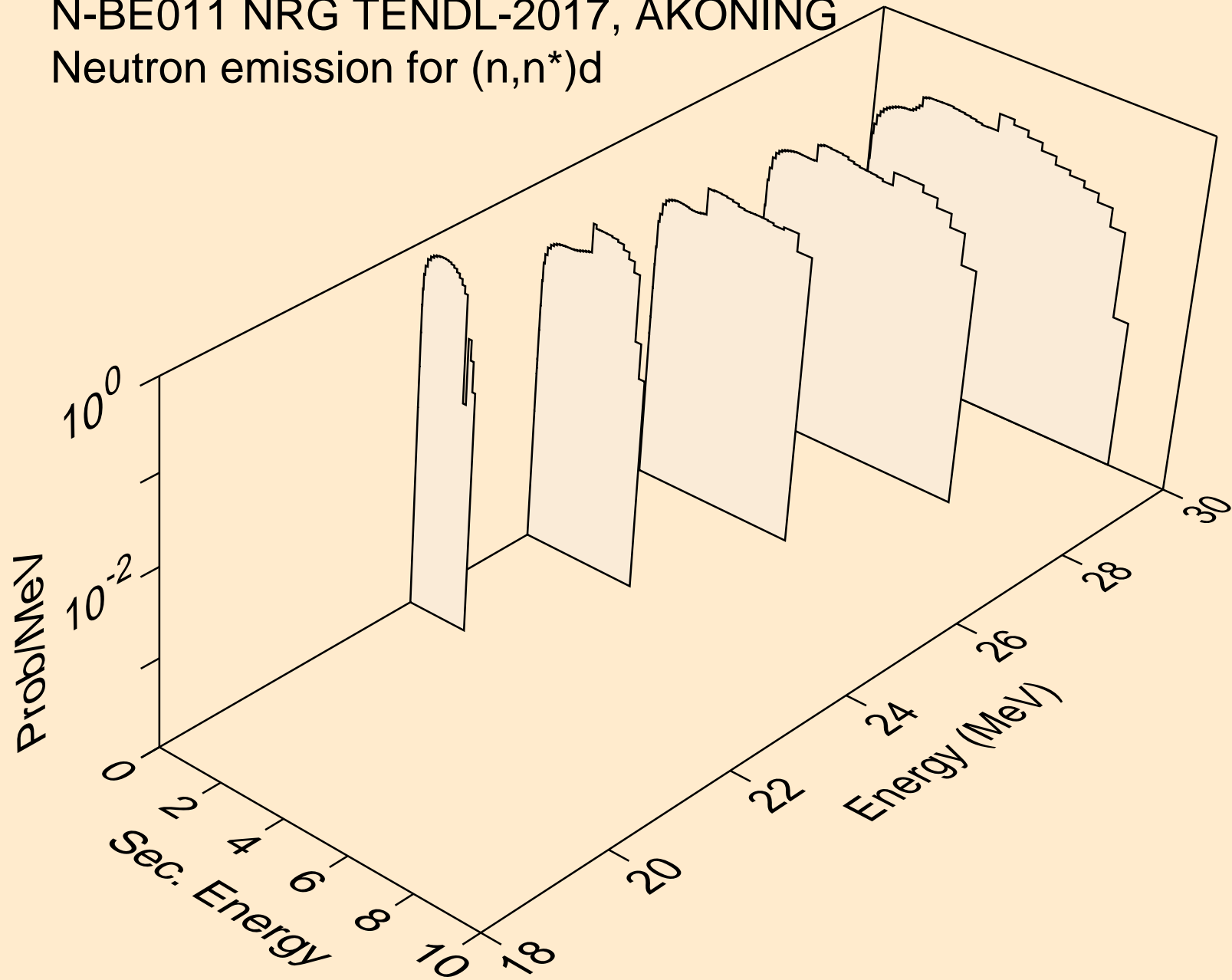
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)a



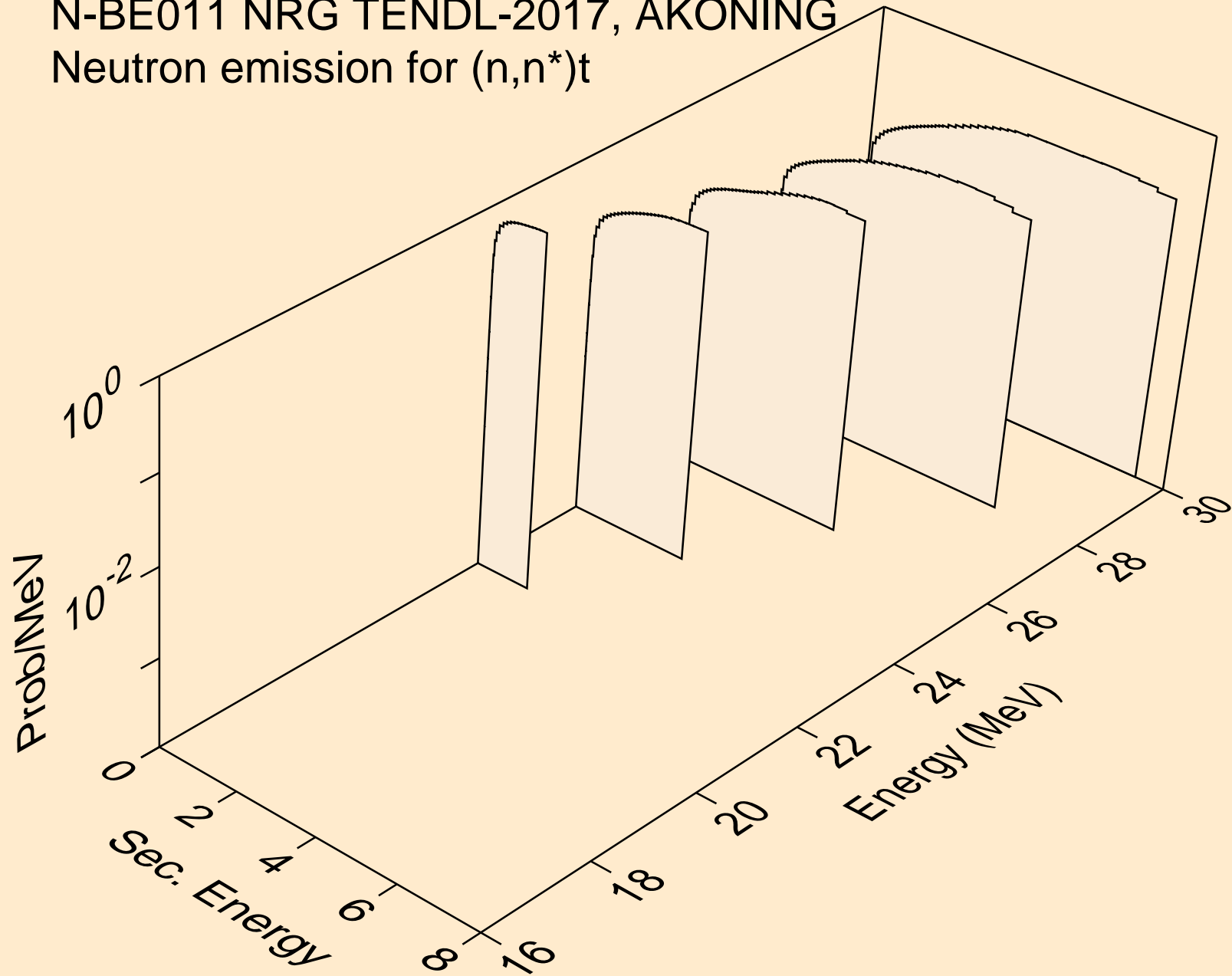
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)p



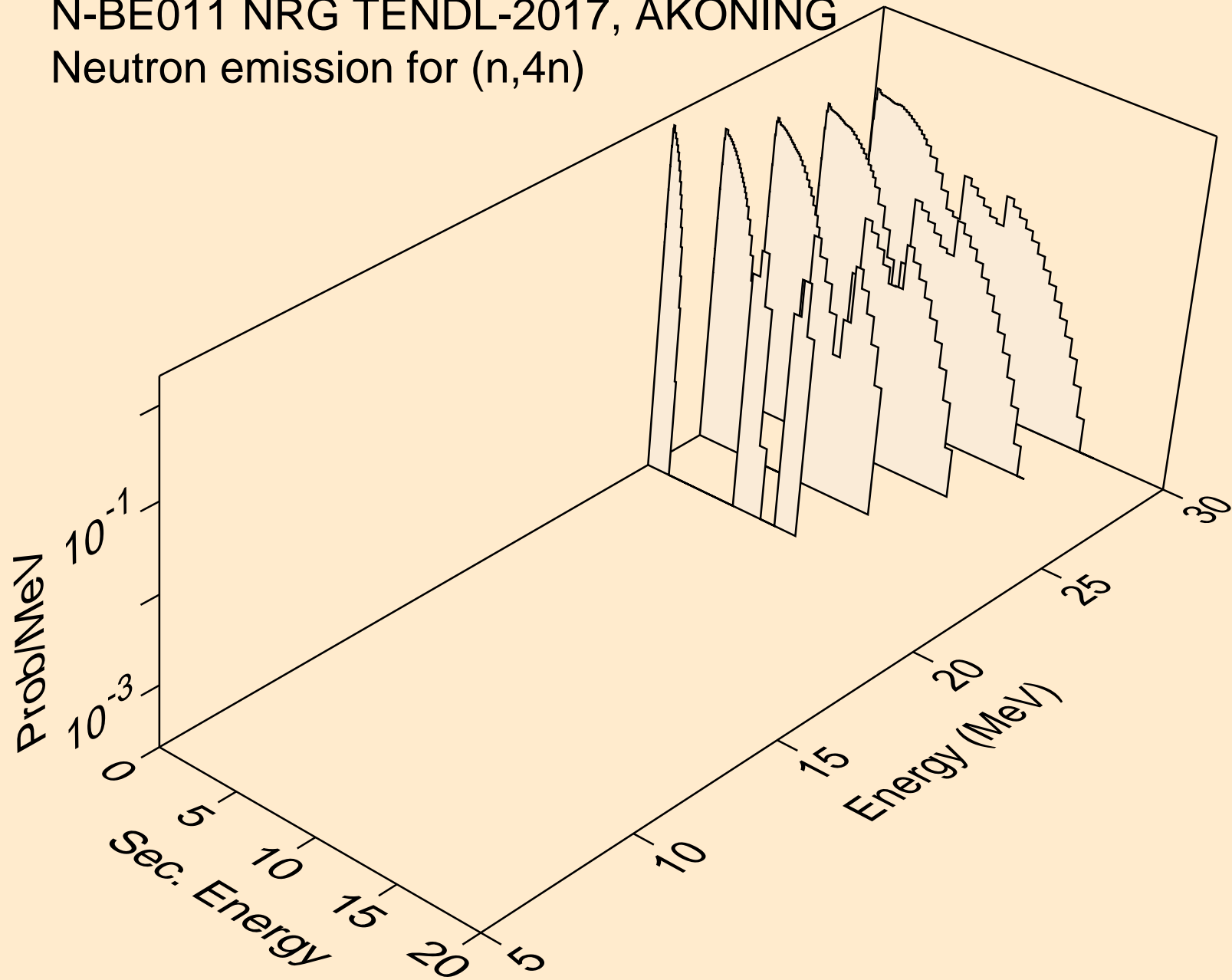
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)d



N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)t

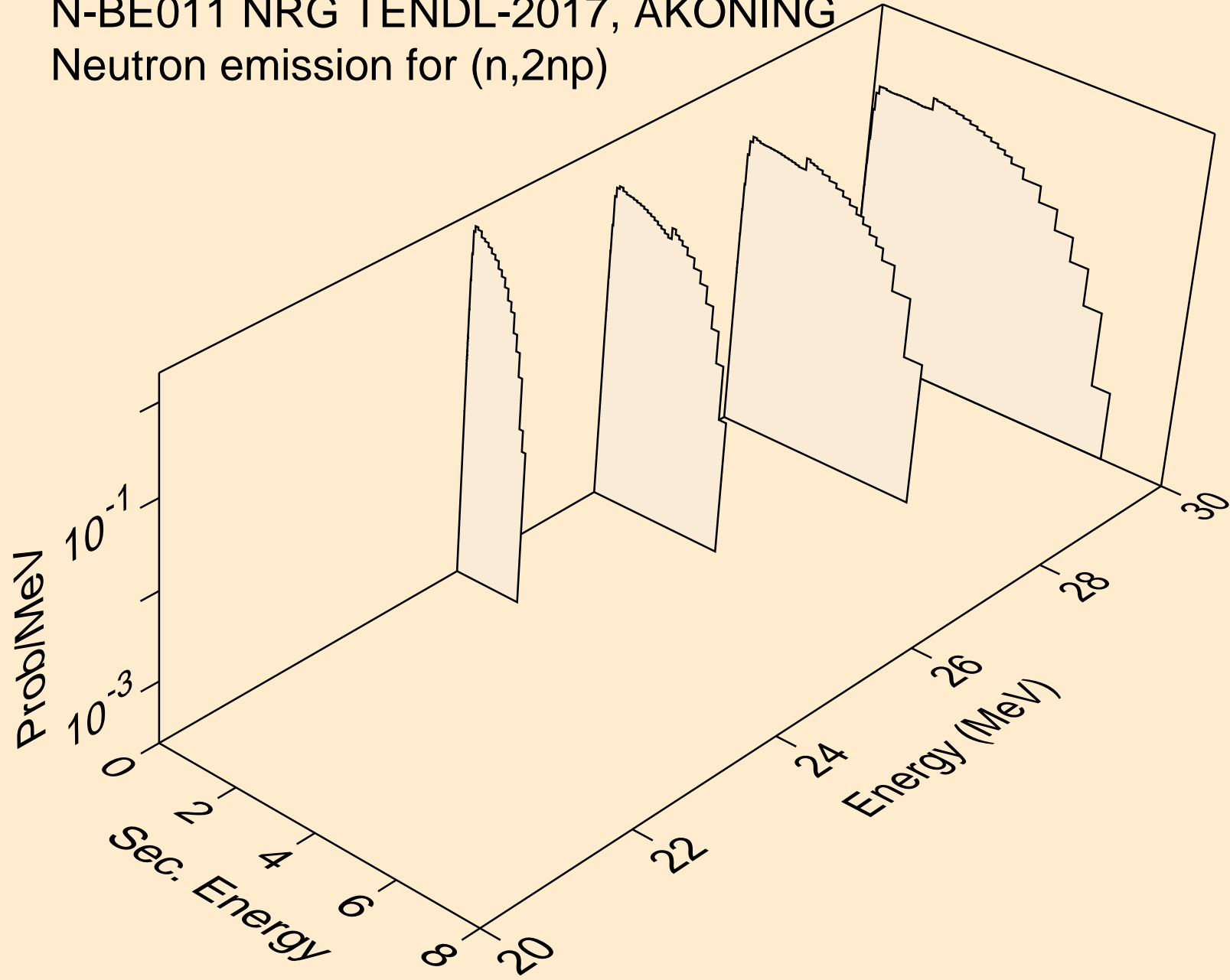


N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,4n)

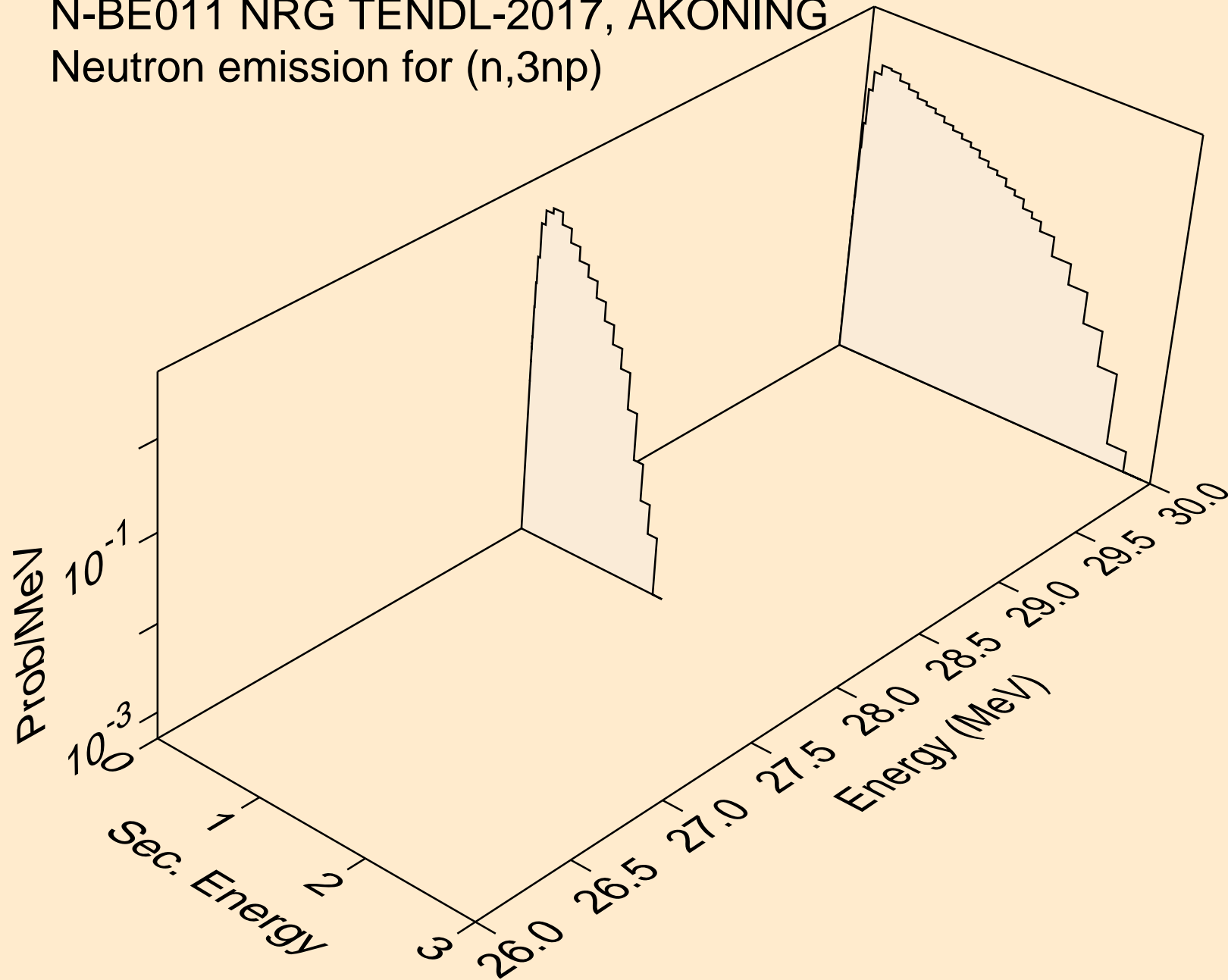




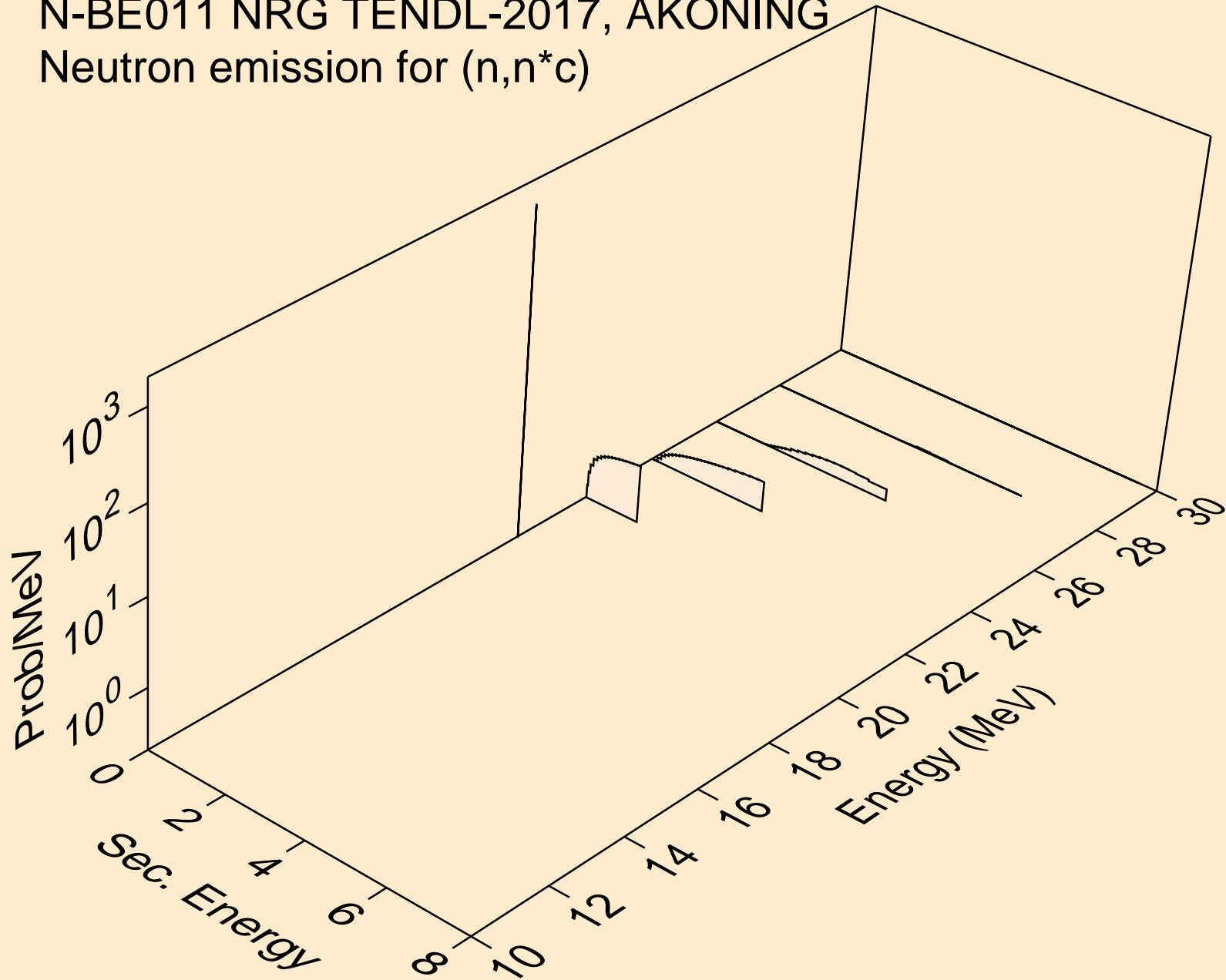
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,2np)



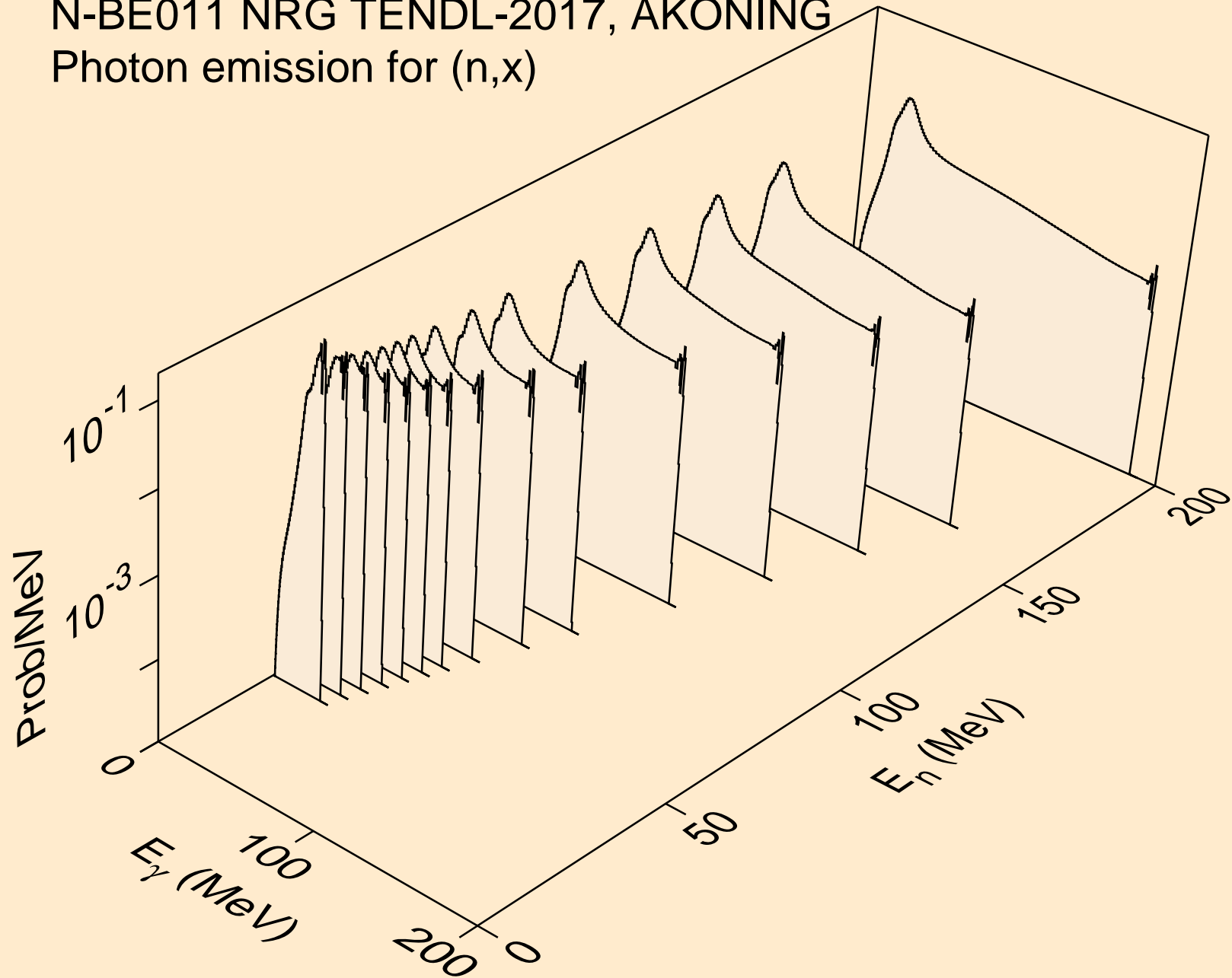
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,3np)



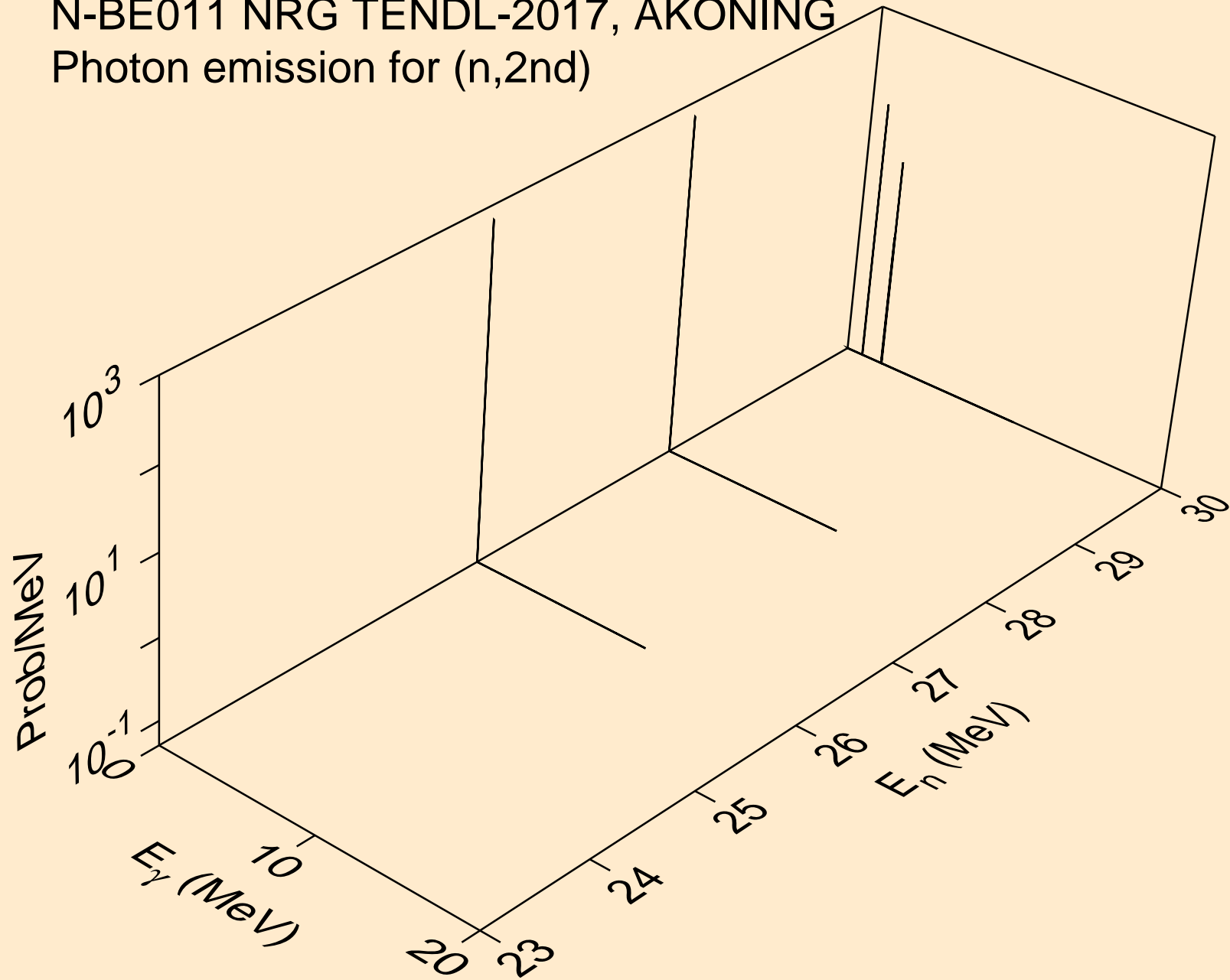
N-BE011 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*c)



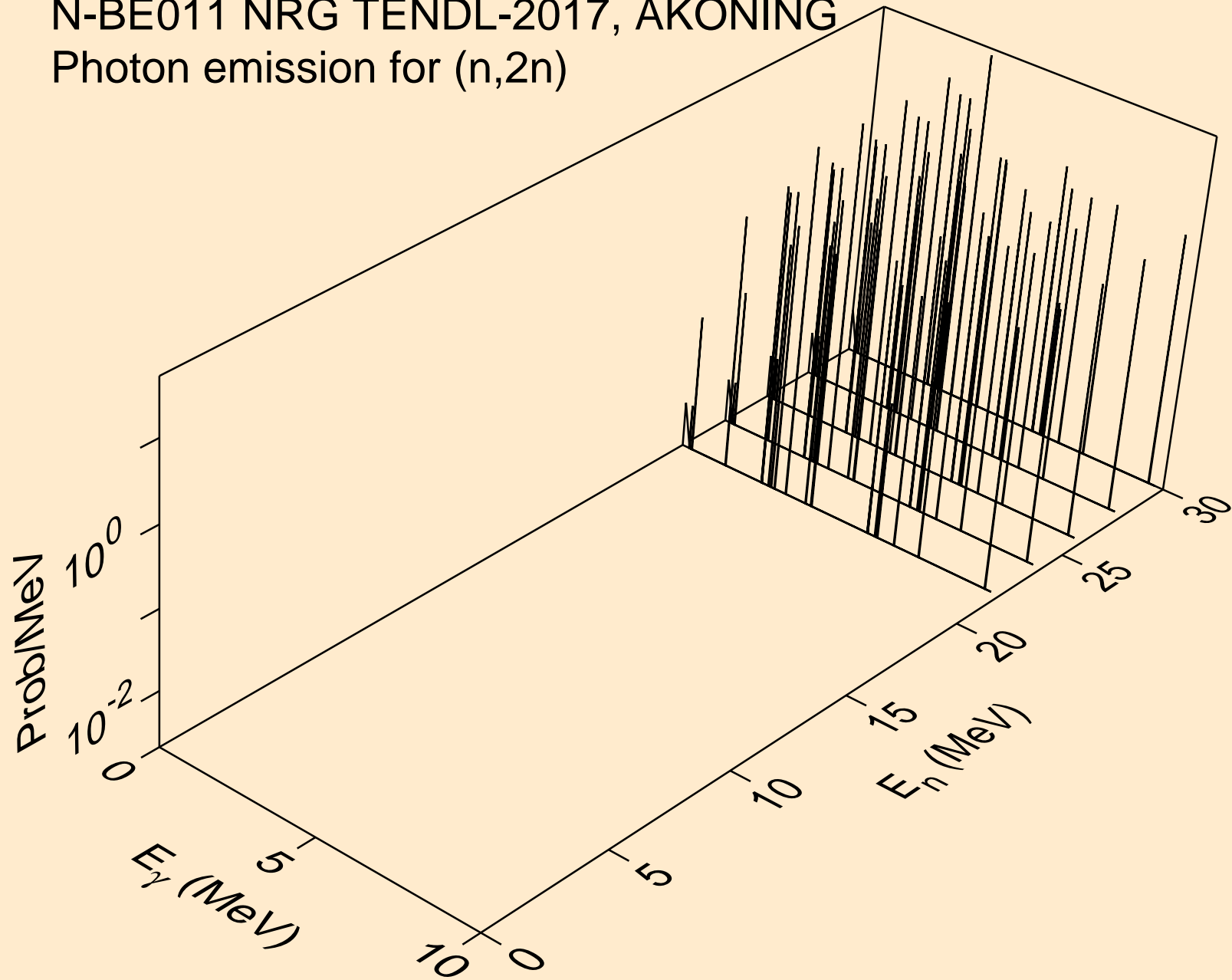
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,x)



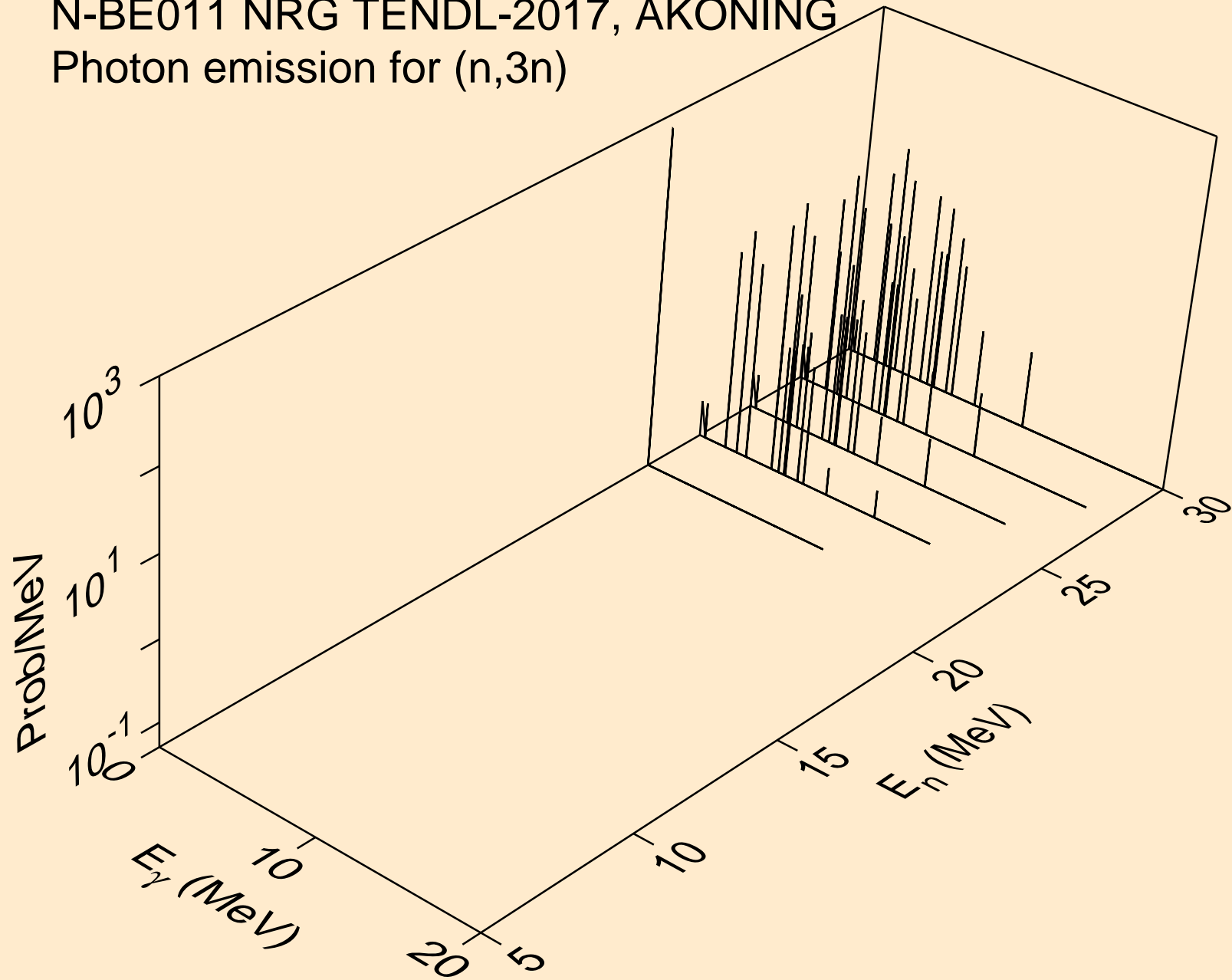
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,2nd)



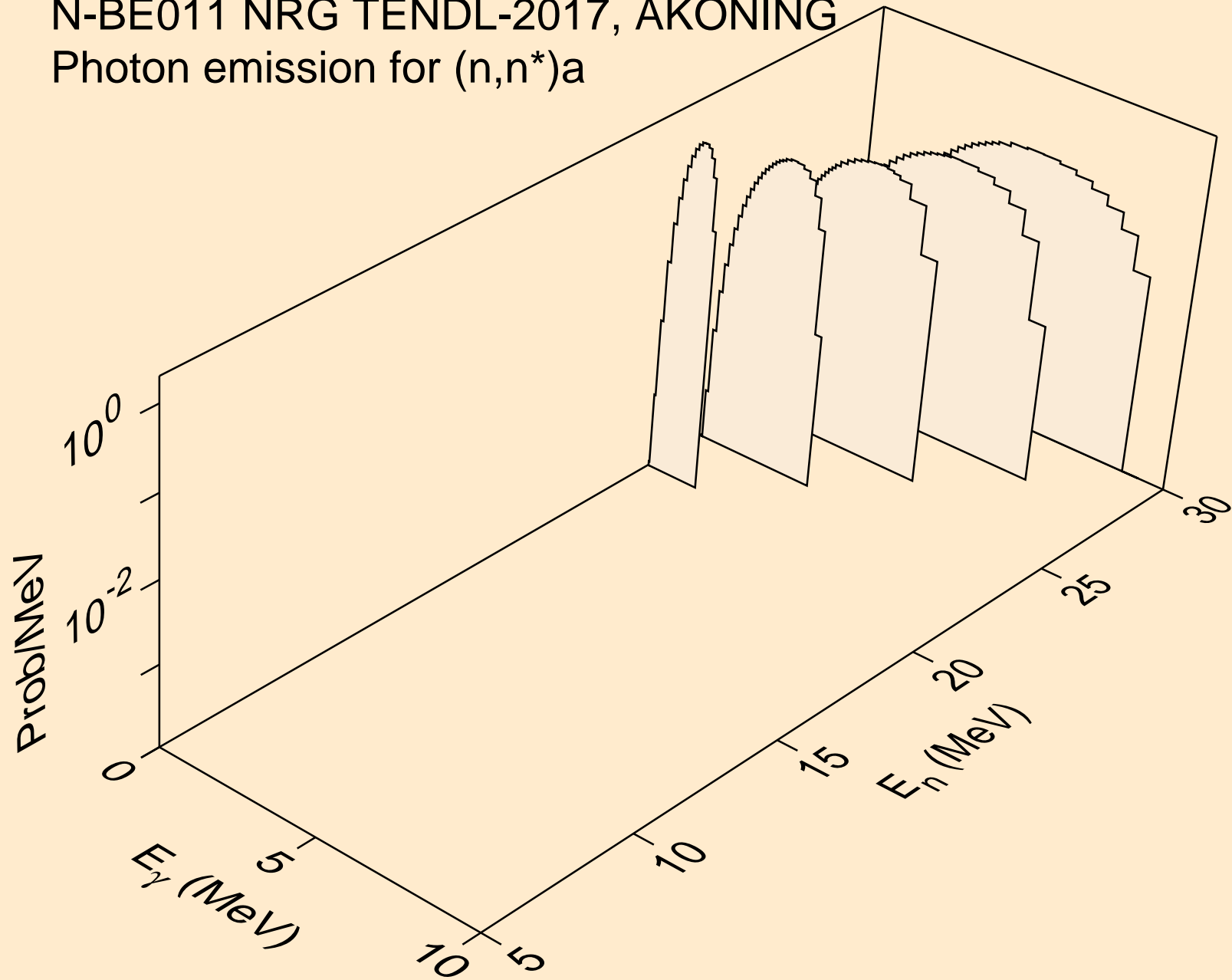
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,2n)



N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,3n)

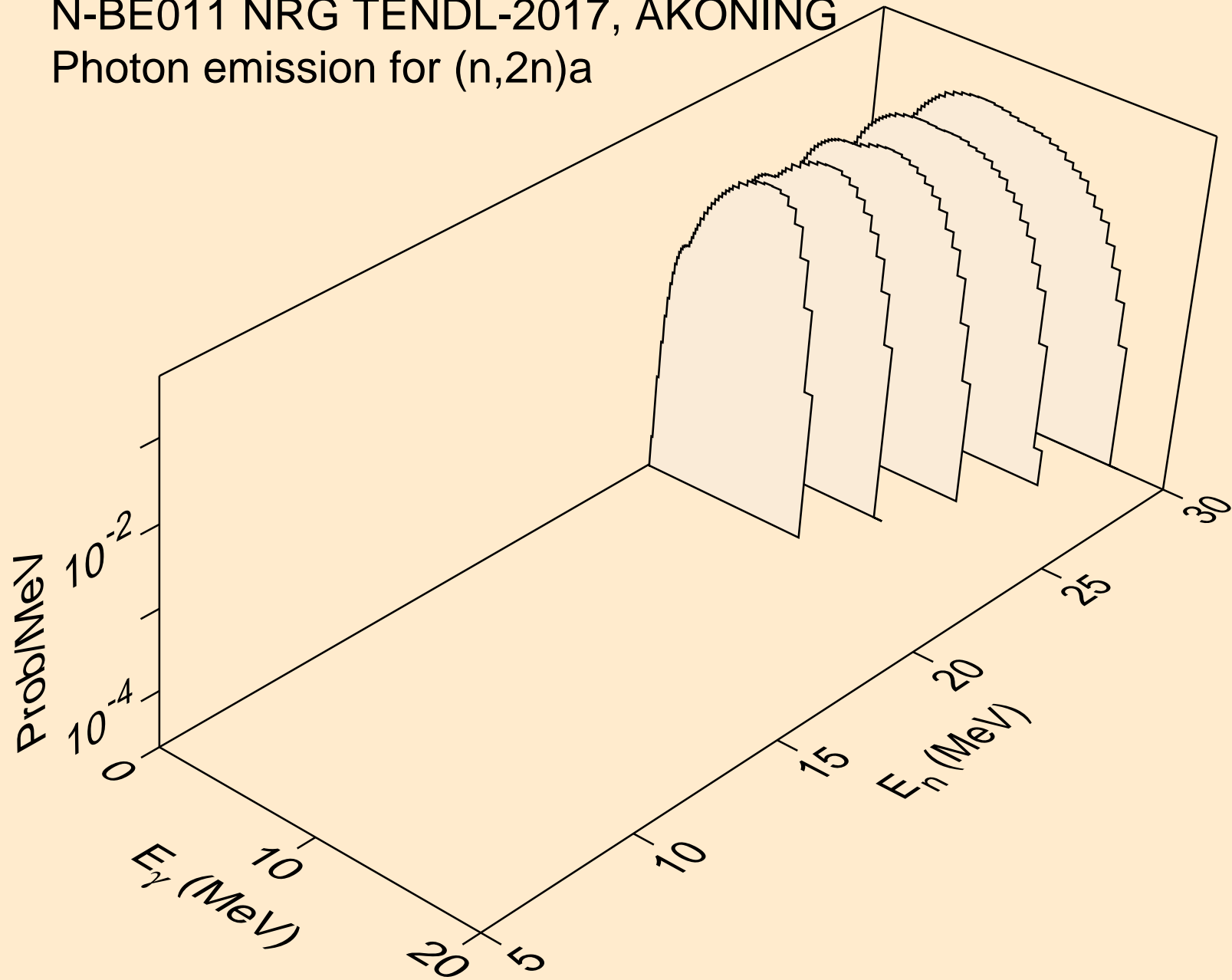


N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)a

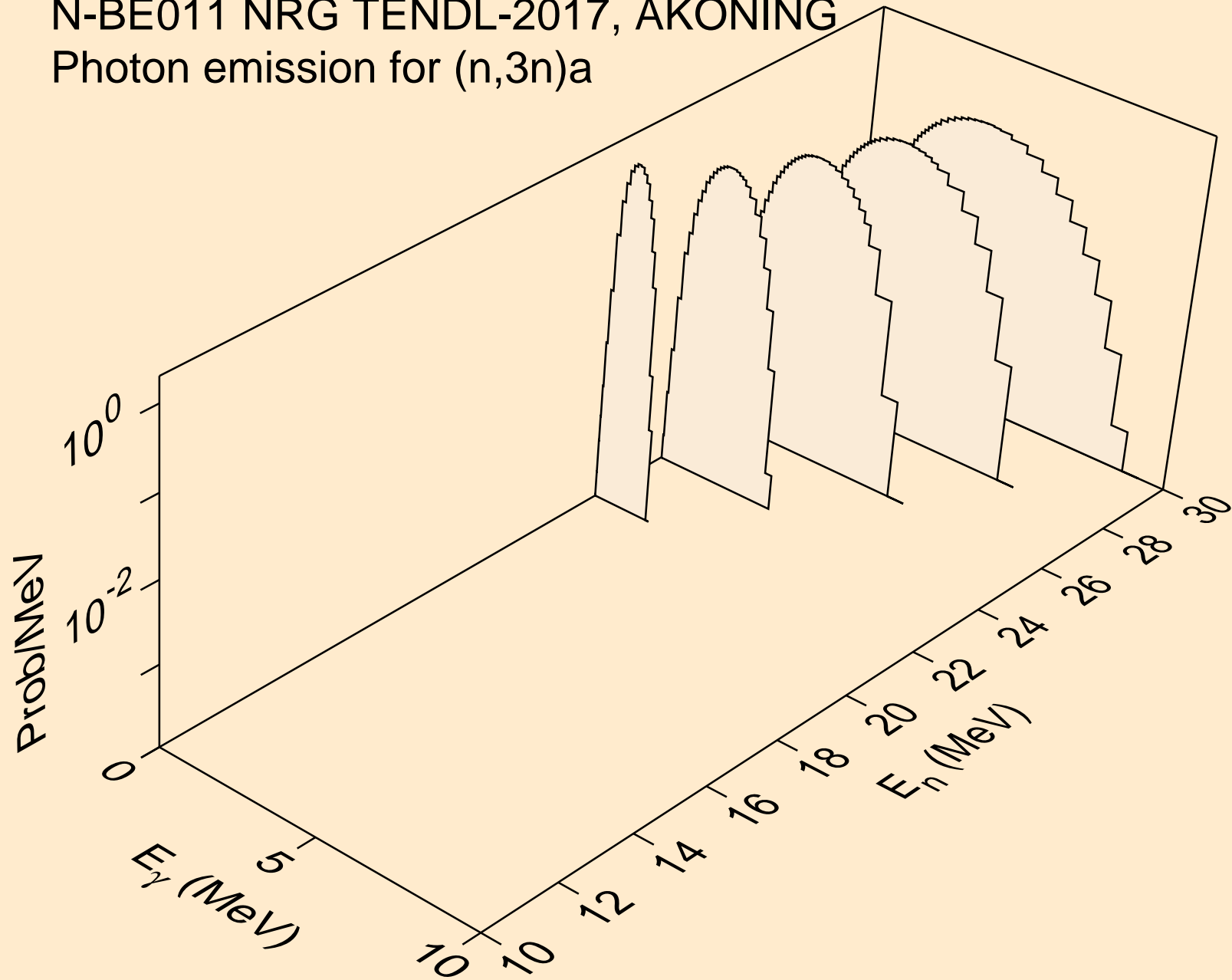




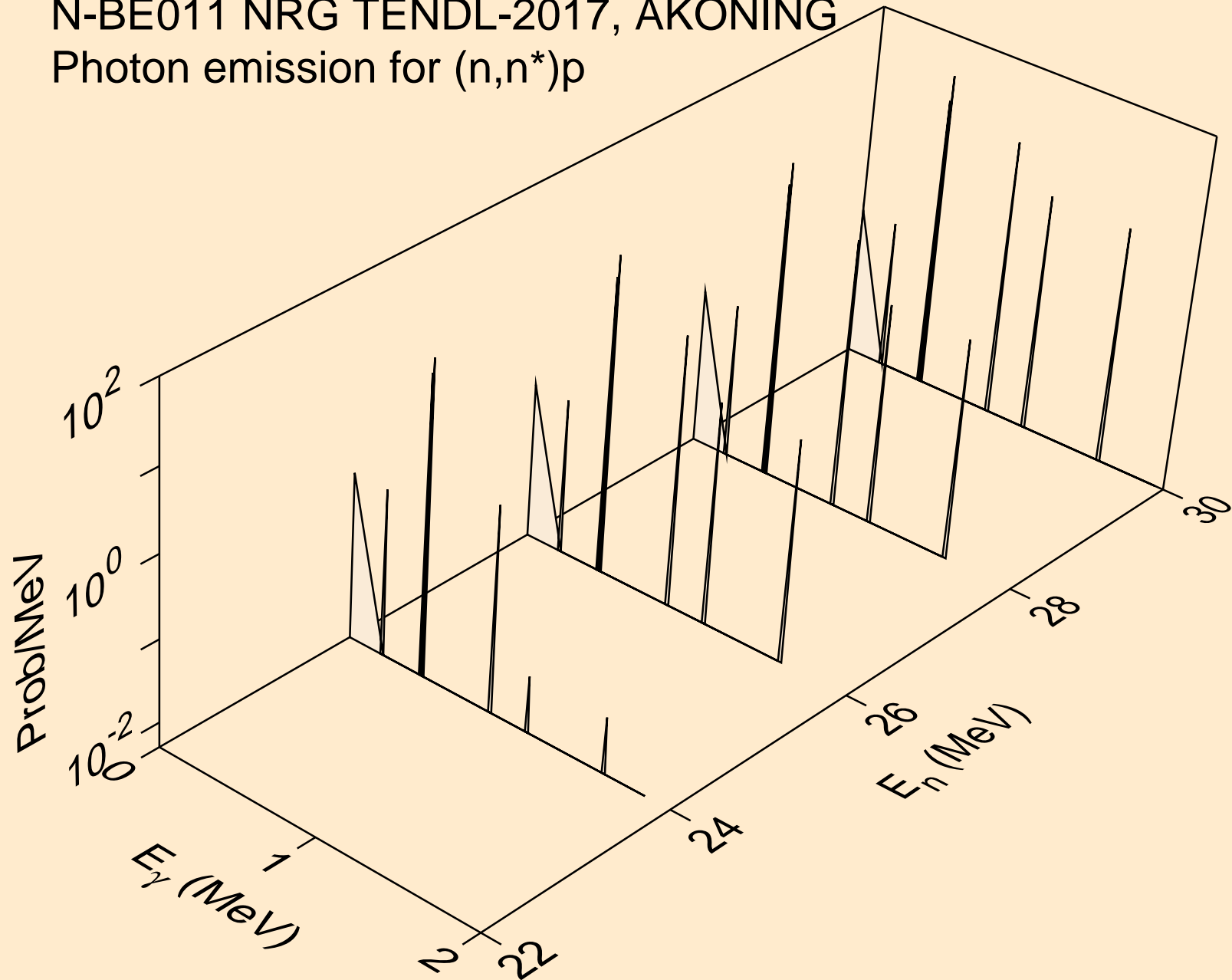
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,2n)a



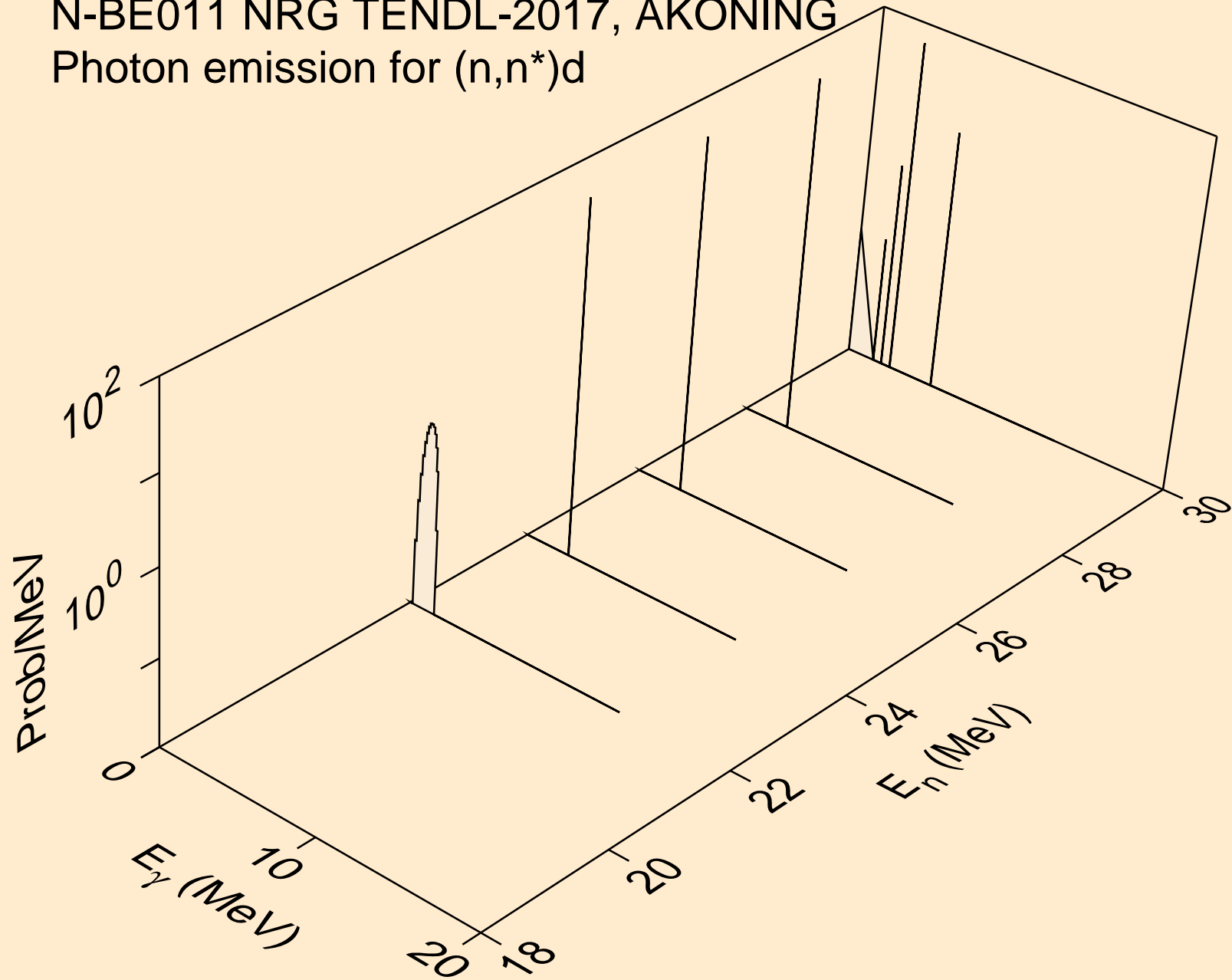
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,3n)a



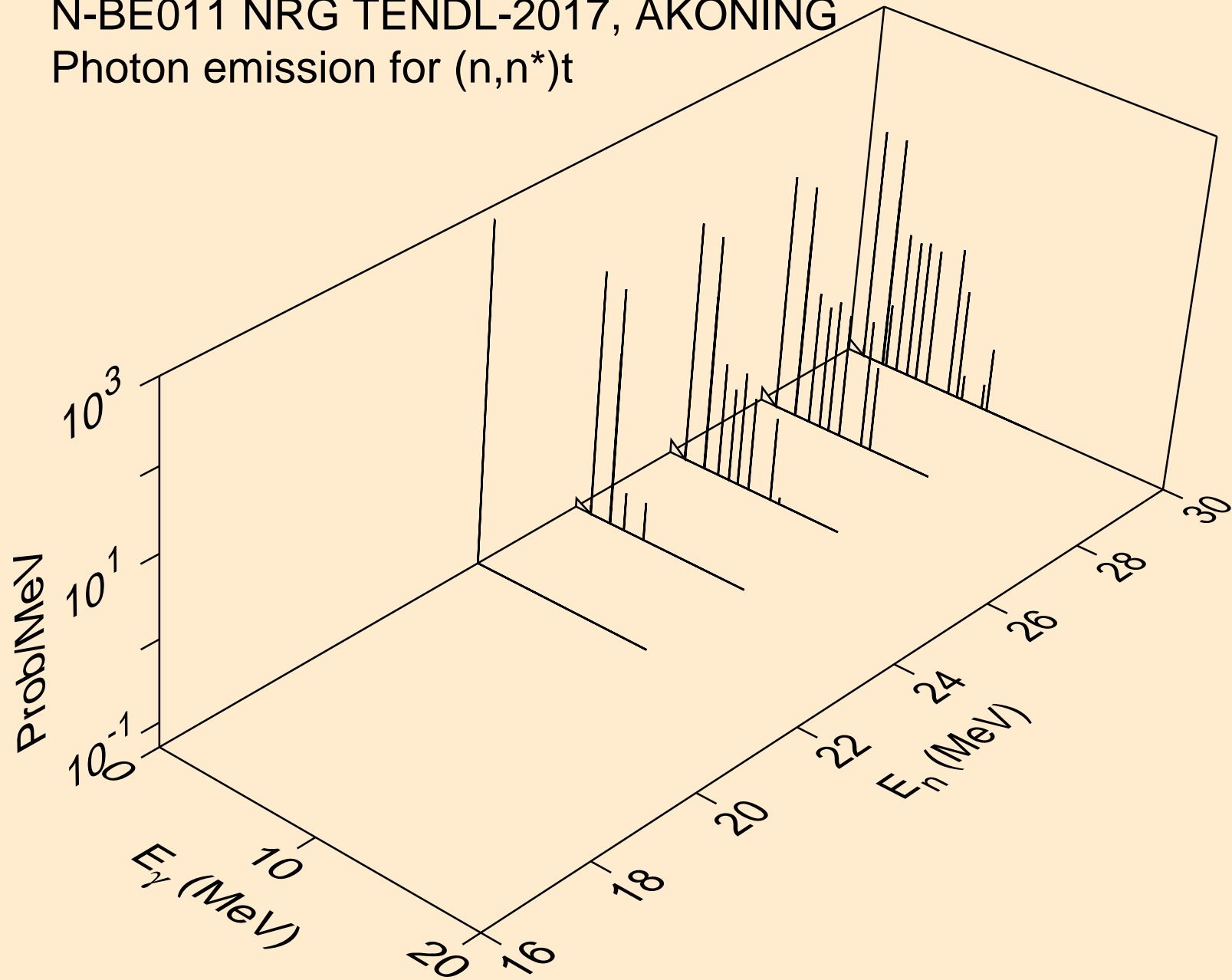
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)p



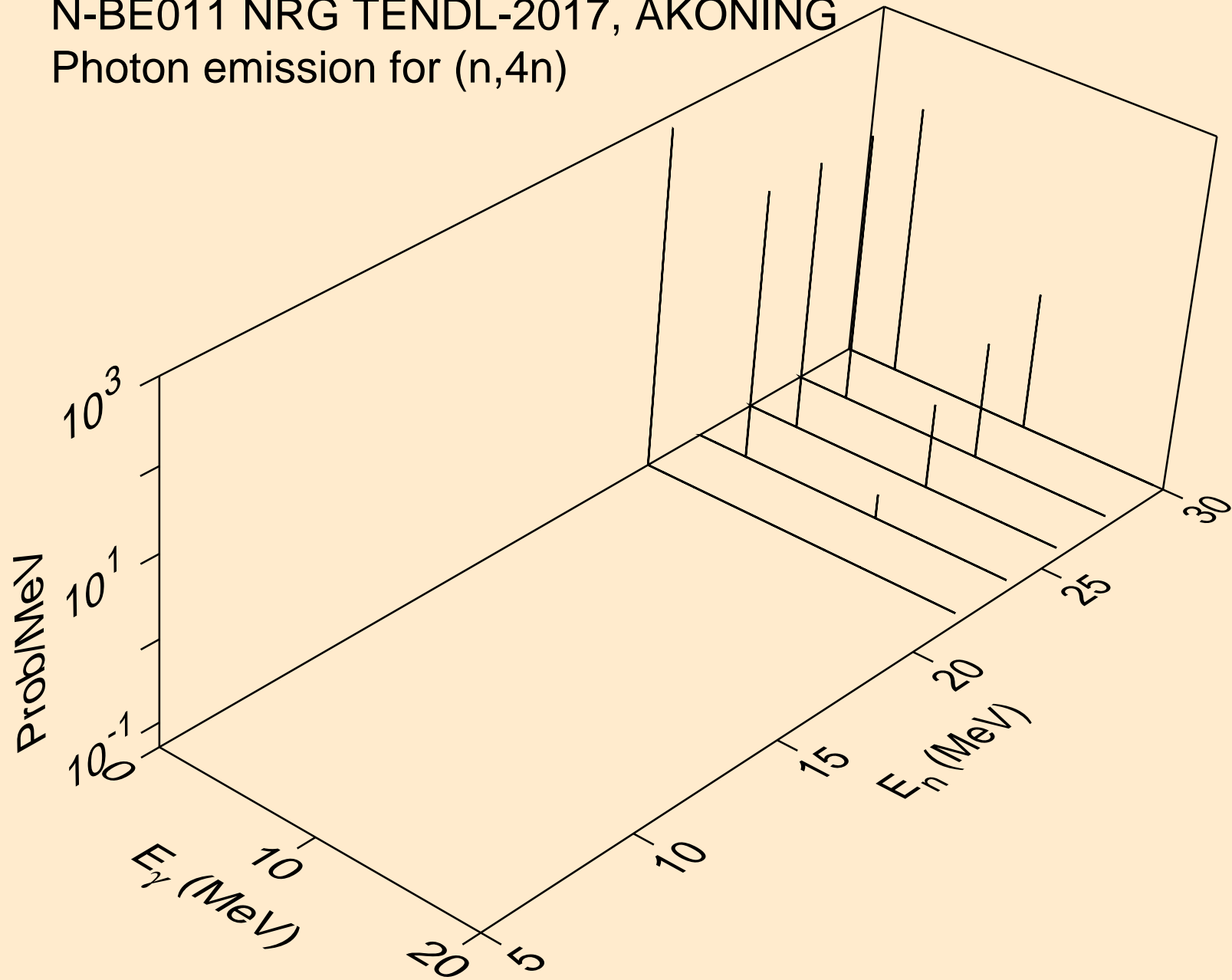
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)d



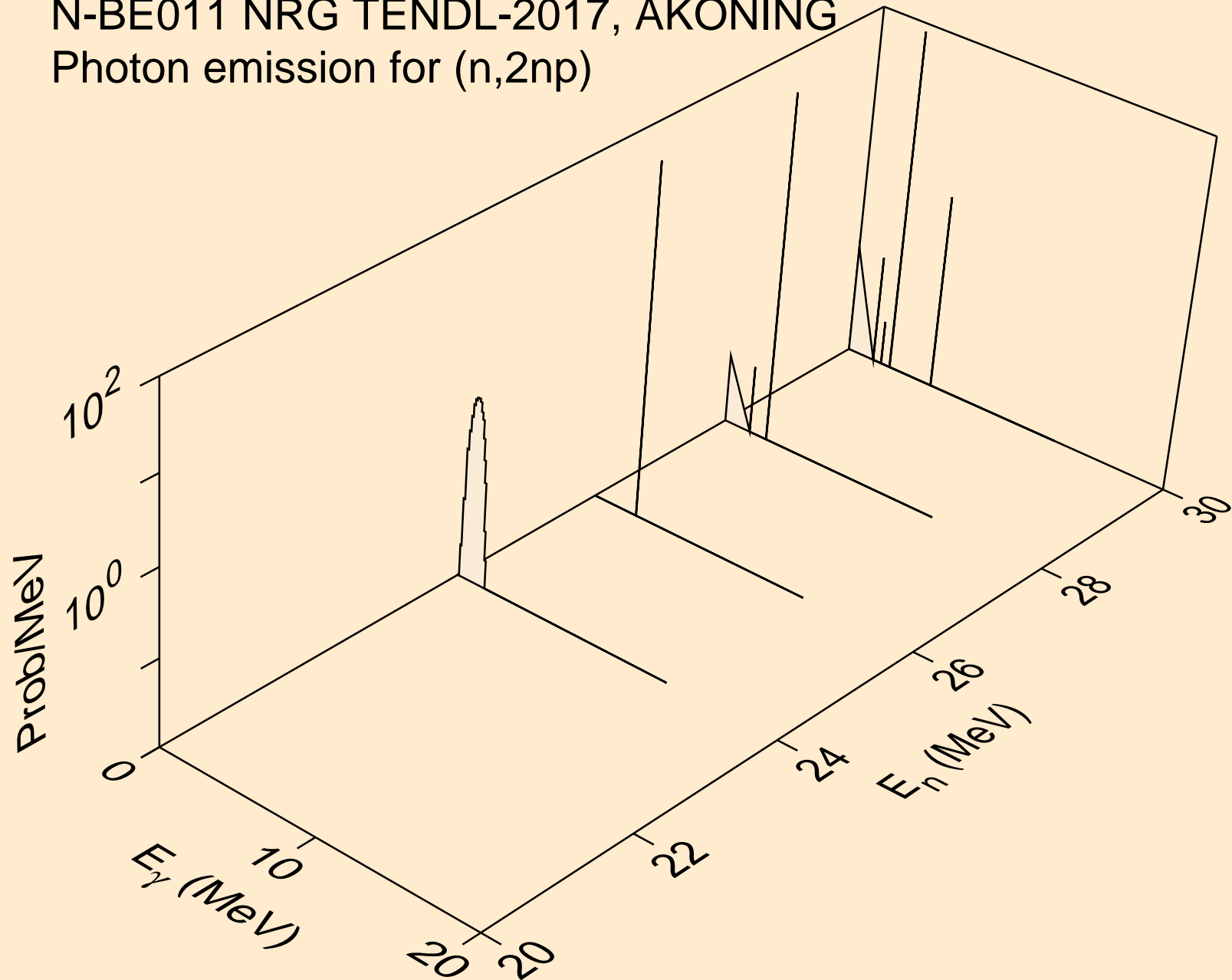
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)t



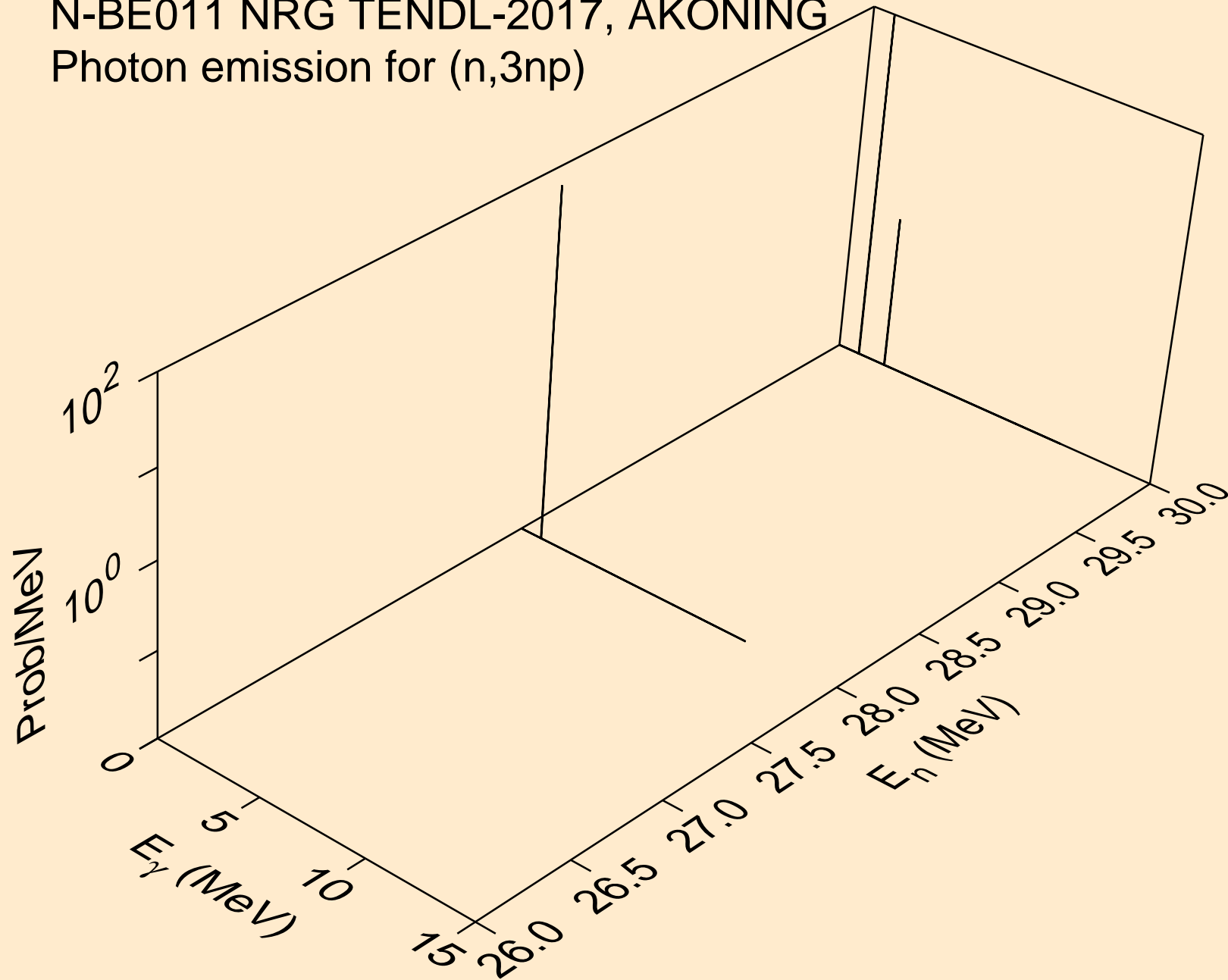
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,4n)



N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,2np)

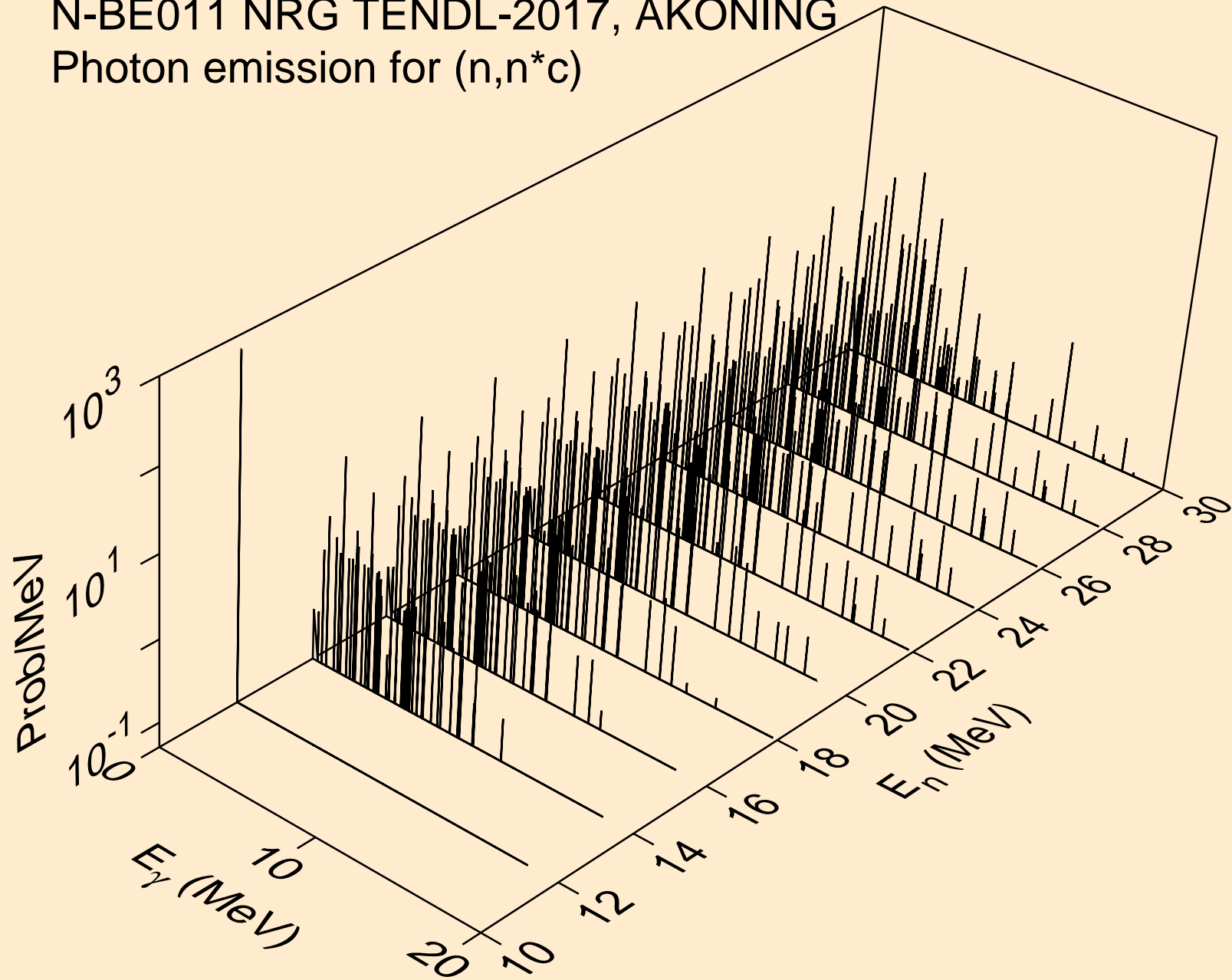


N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,3np)

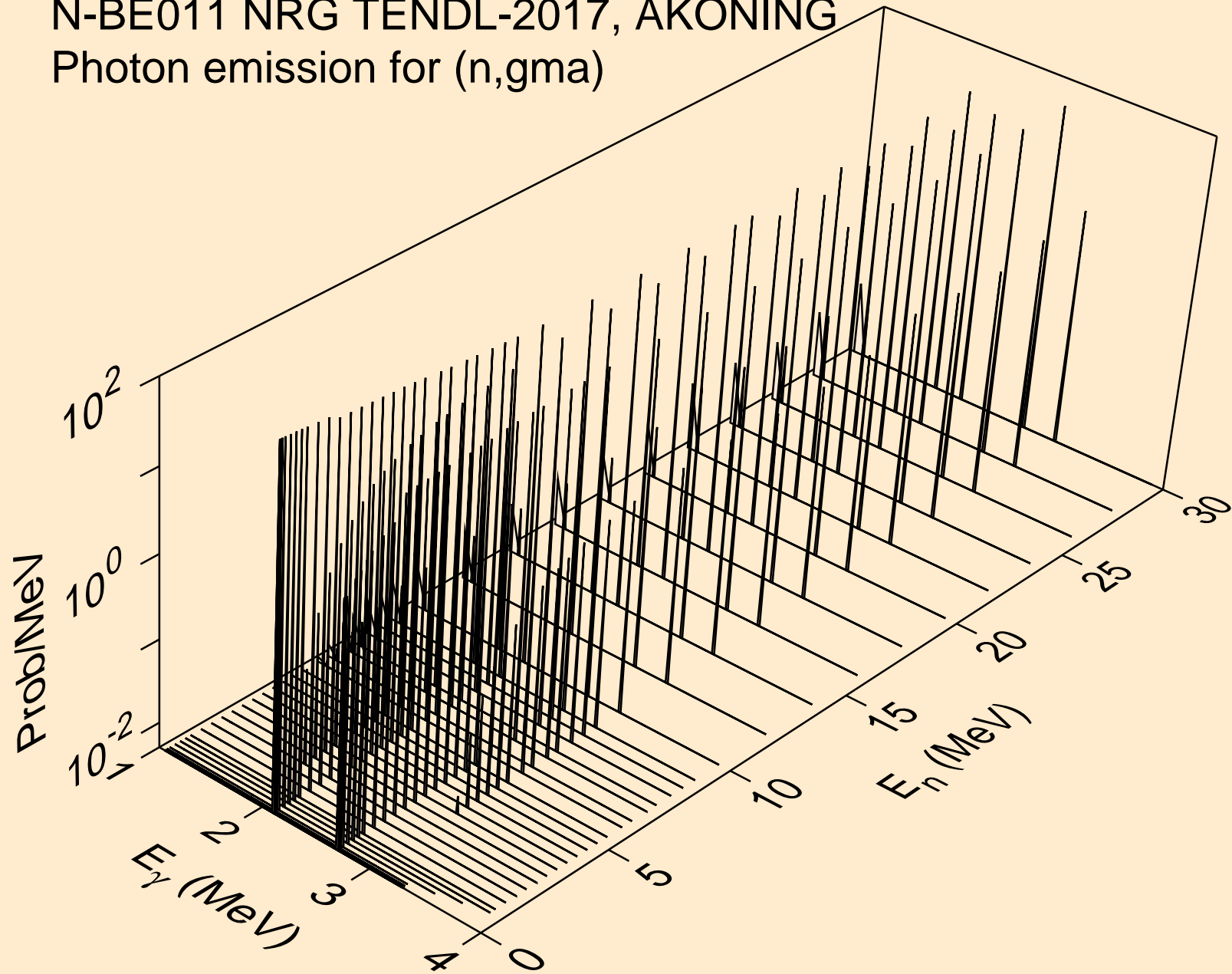




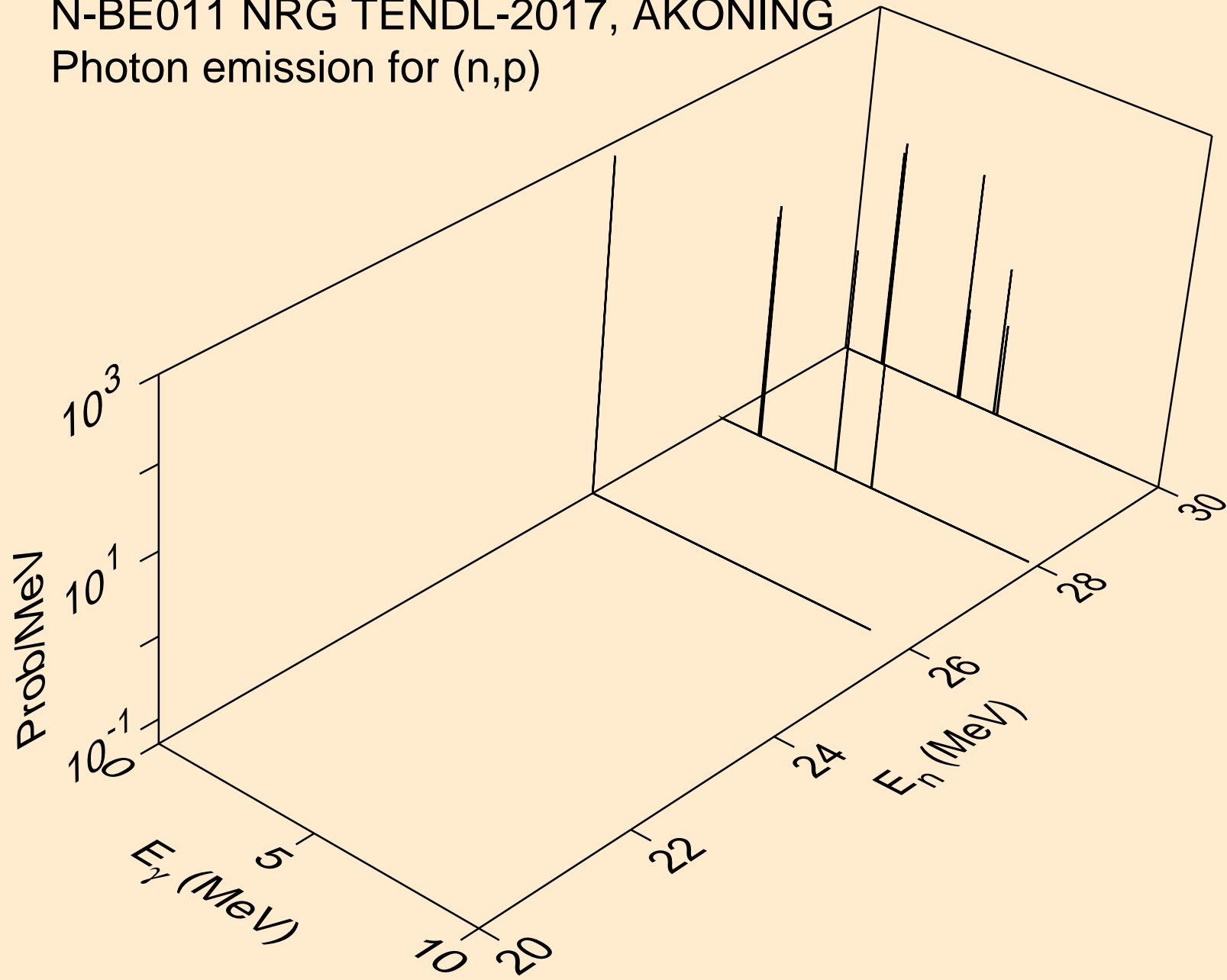
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*c)



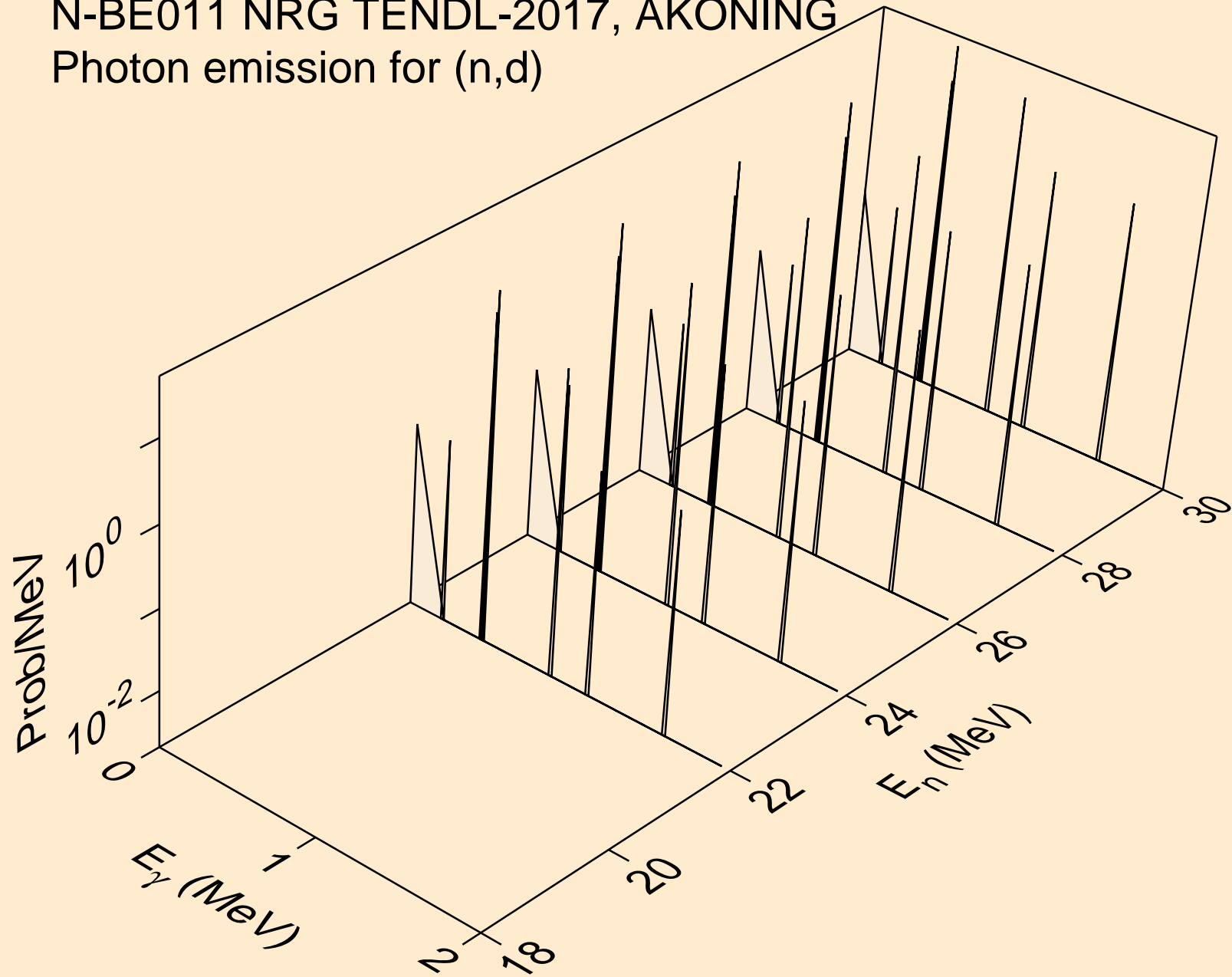
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,gma)



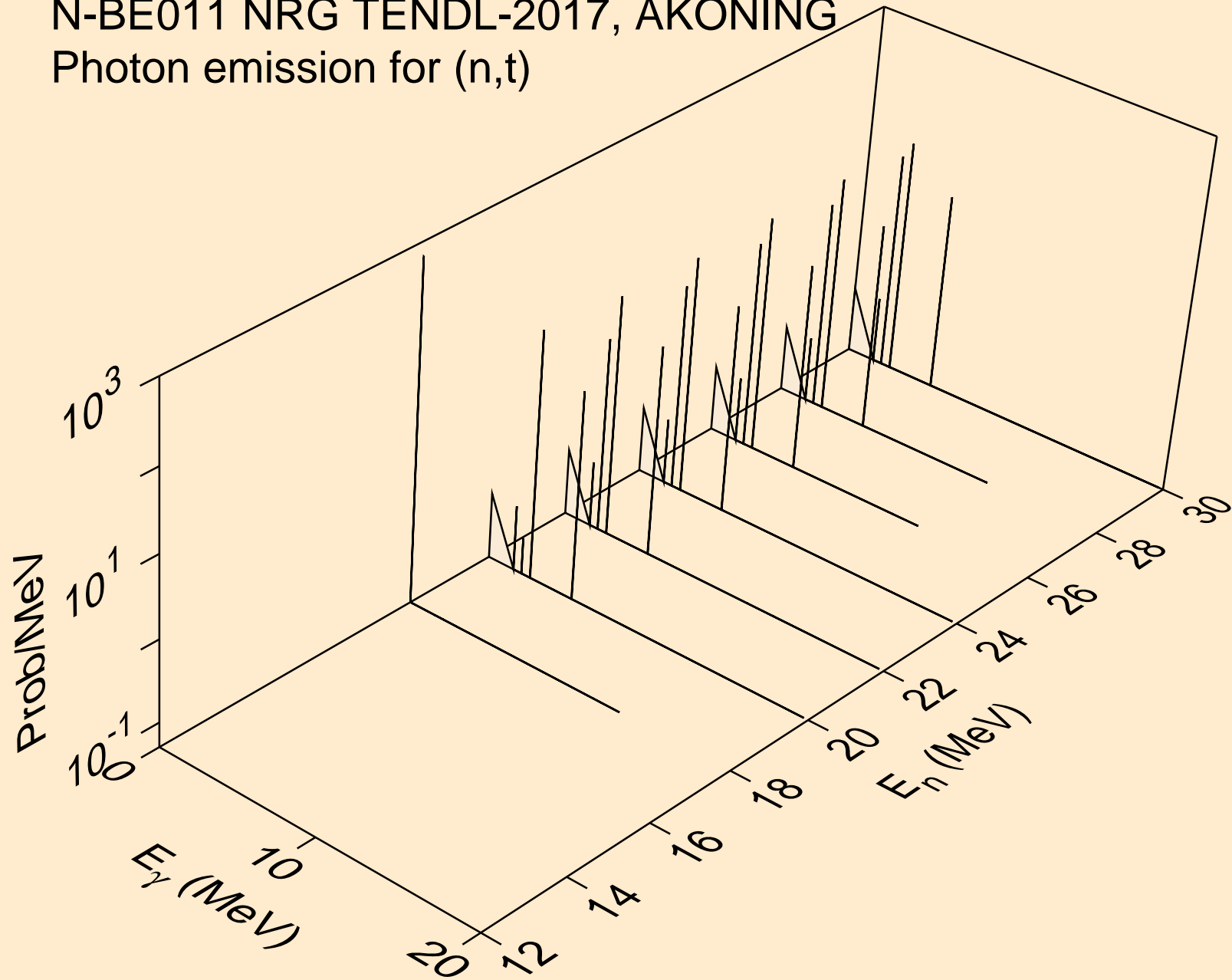
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,p)



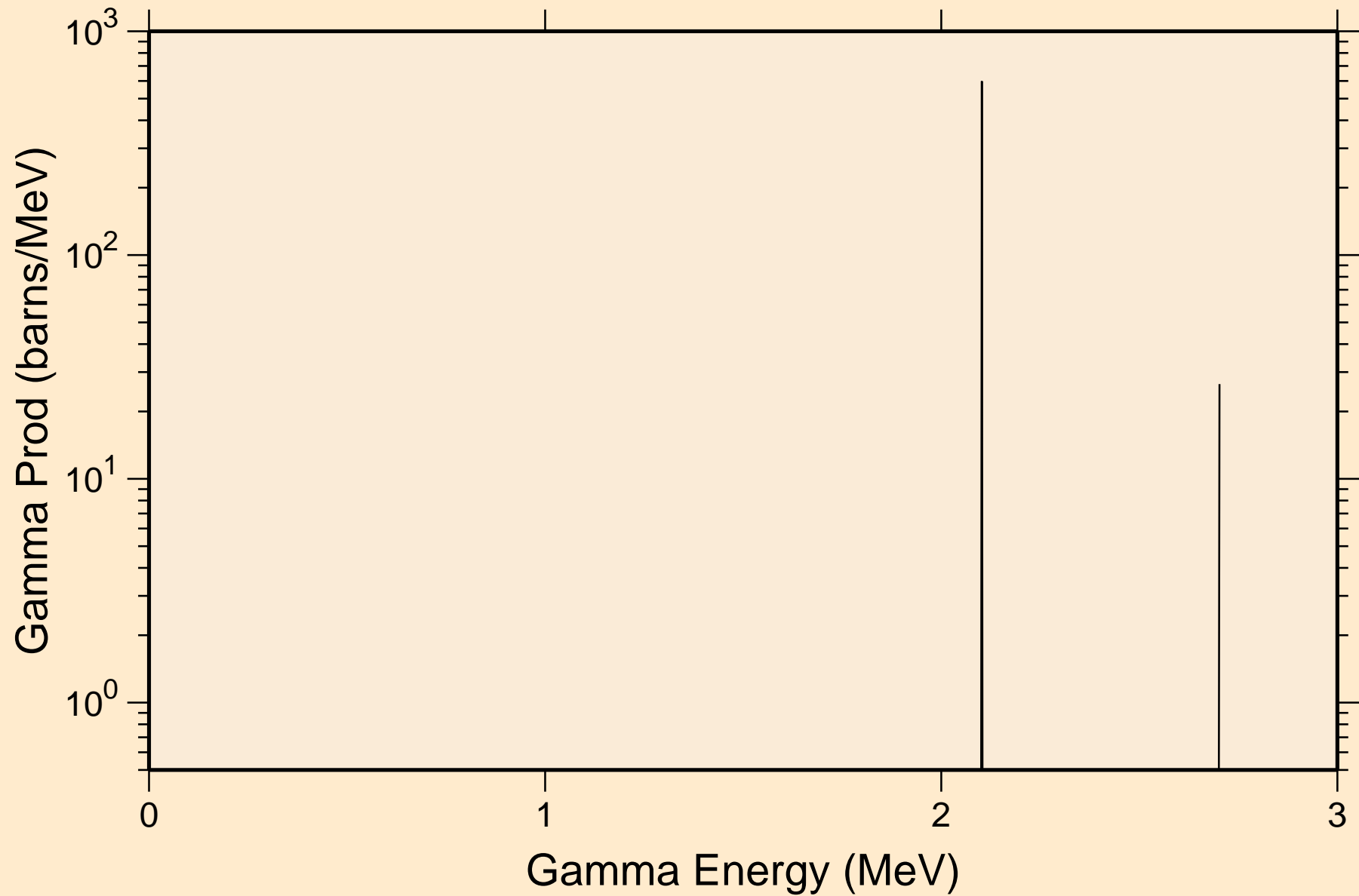
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,d)



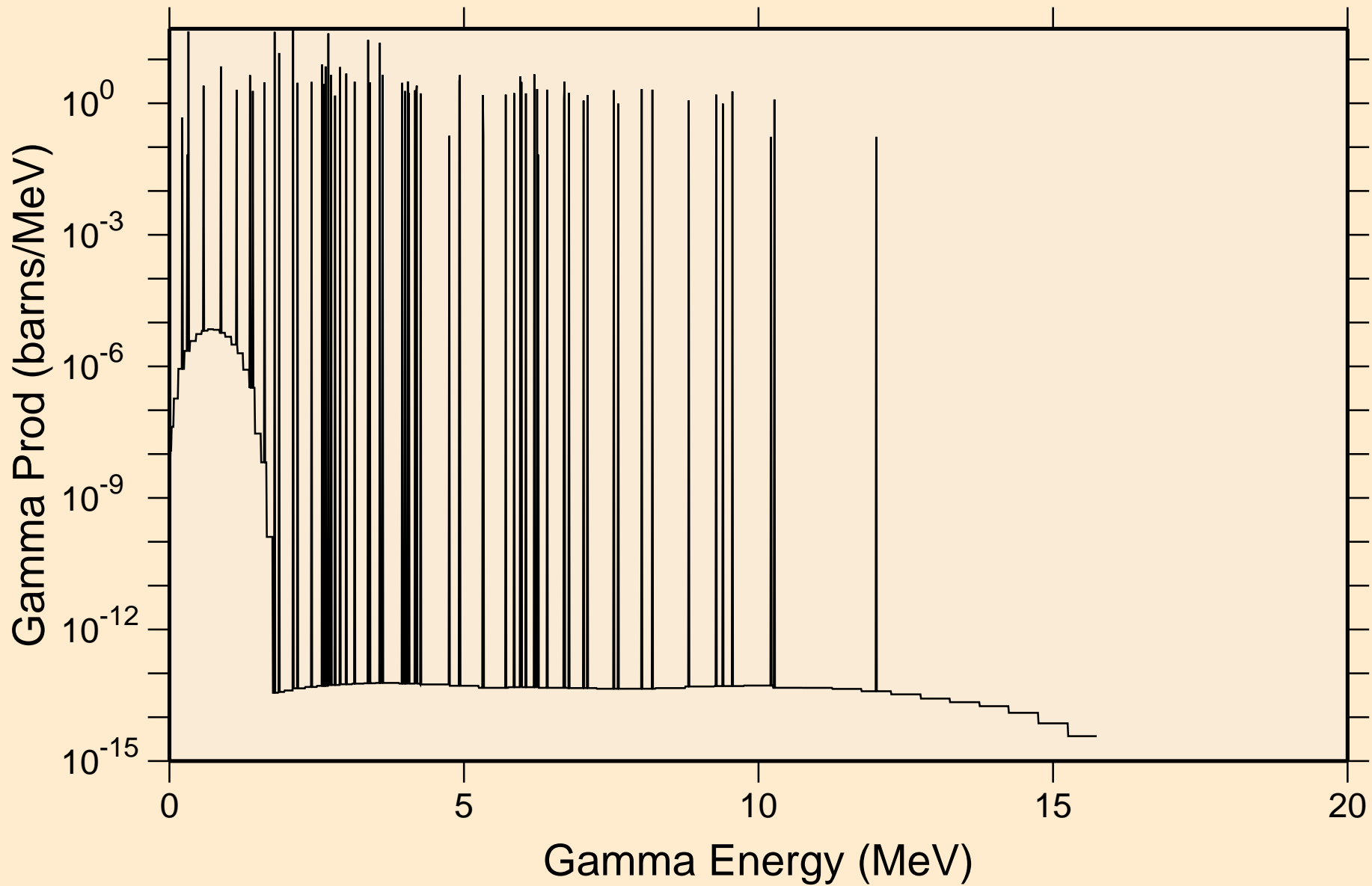
N-BE011 NRG TENDL-2017, AKONING  
Photon emission for (n,t)



N-BE011 NRG TENDL-2017, AKONING  
thermal capture photon spectrum

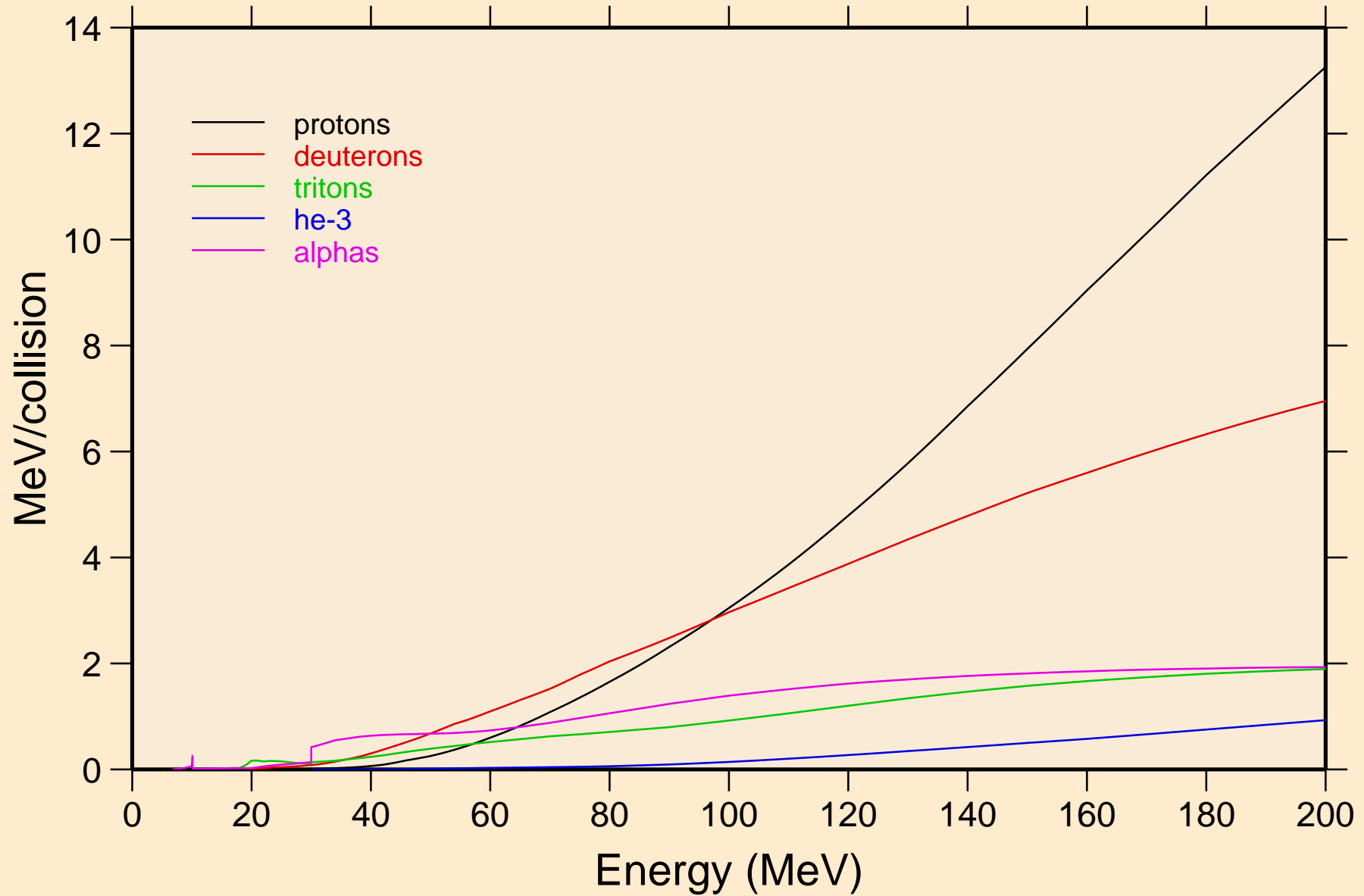


N-BE011 NRG TENDL-2017, AKONING  
14 MeV photon spectrum



# N-BE011 NRG TENDL-2017, AKONING

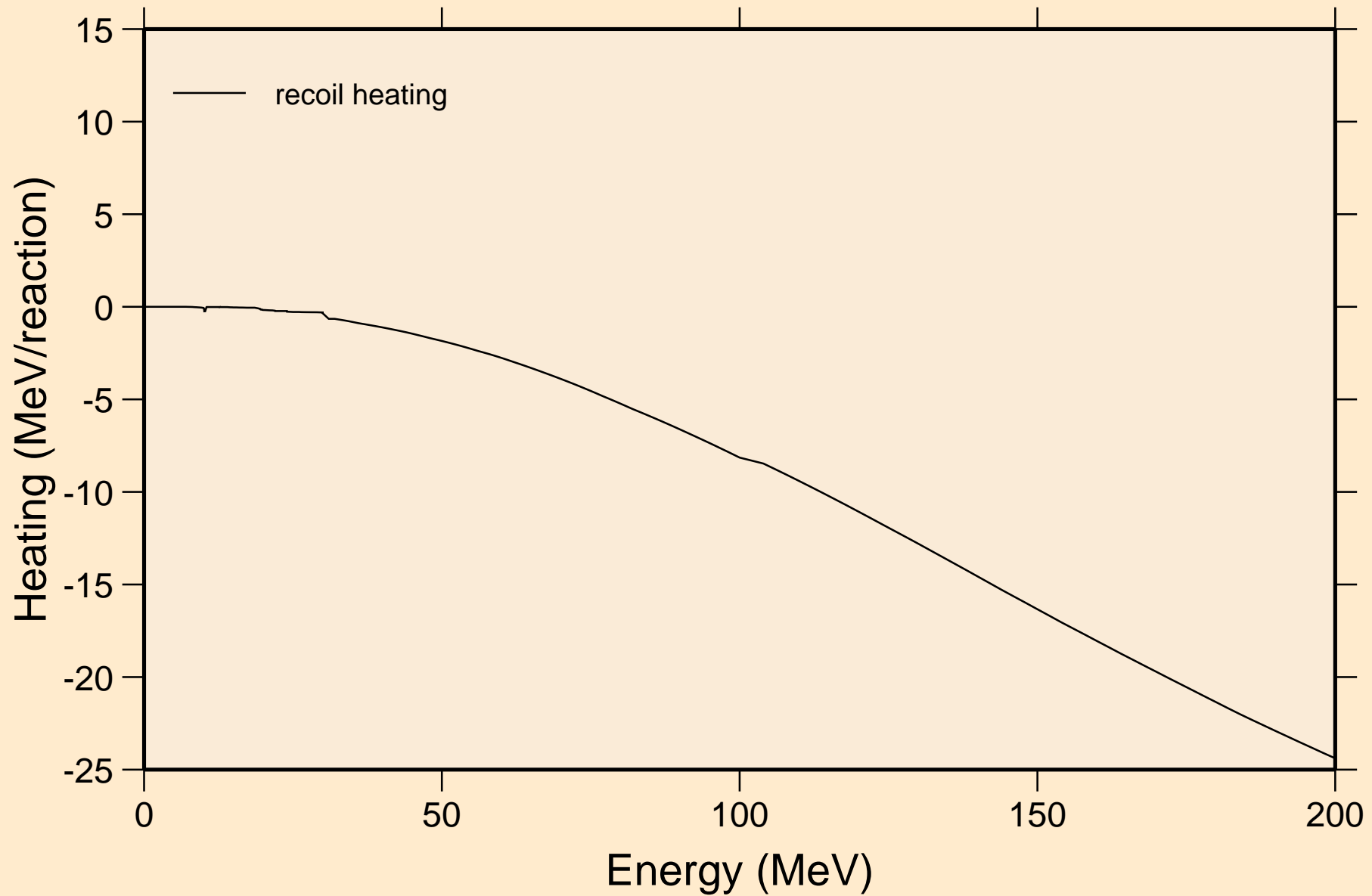
## Particle heating contributions





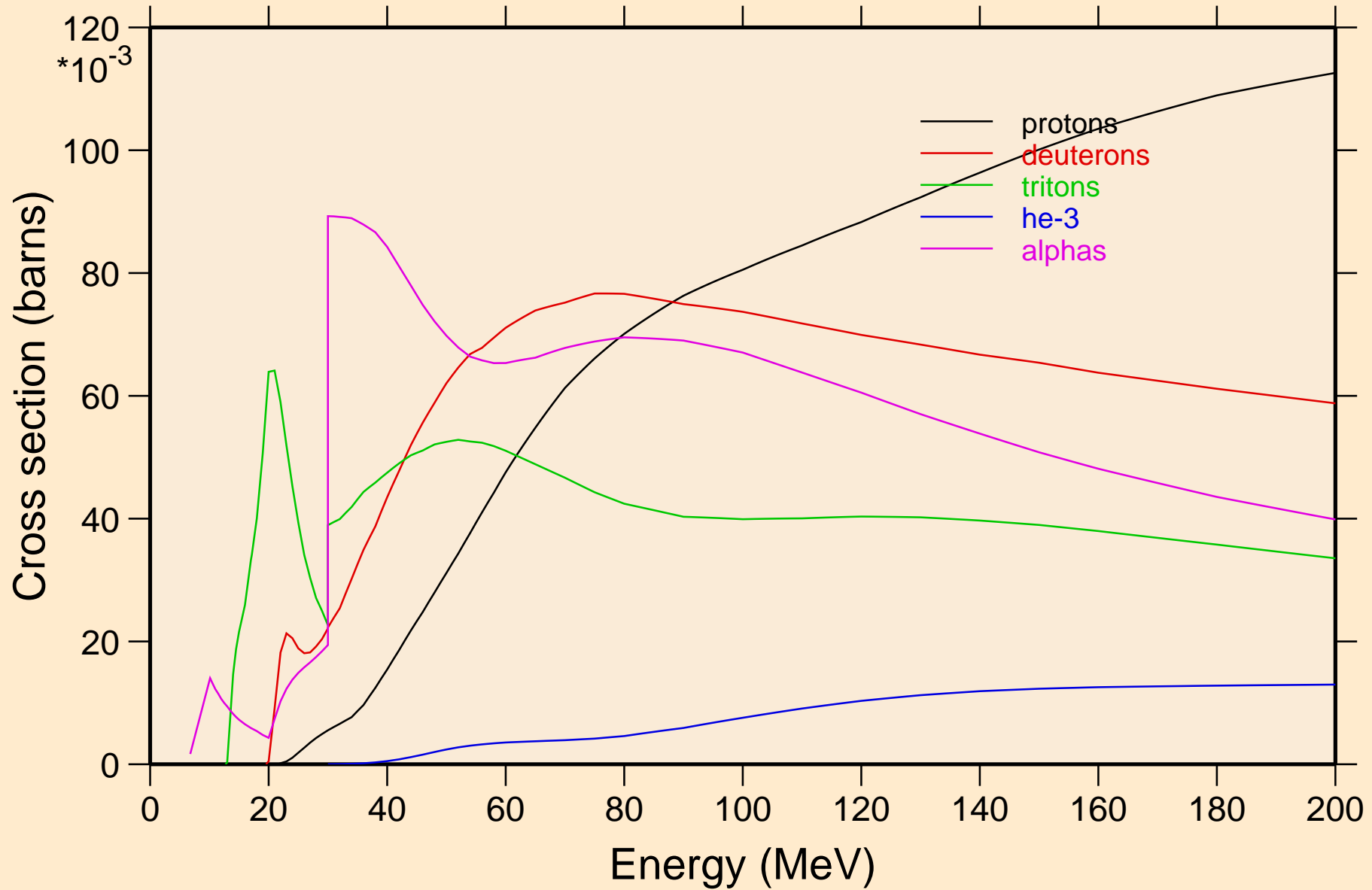
# N-BE011 NRG TENDL-2017, AKONING

## Recoil Heating

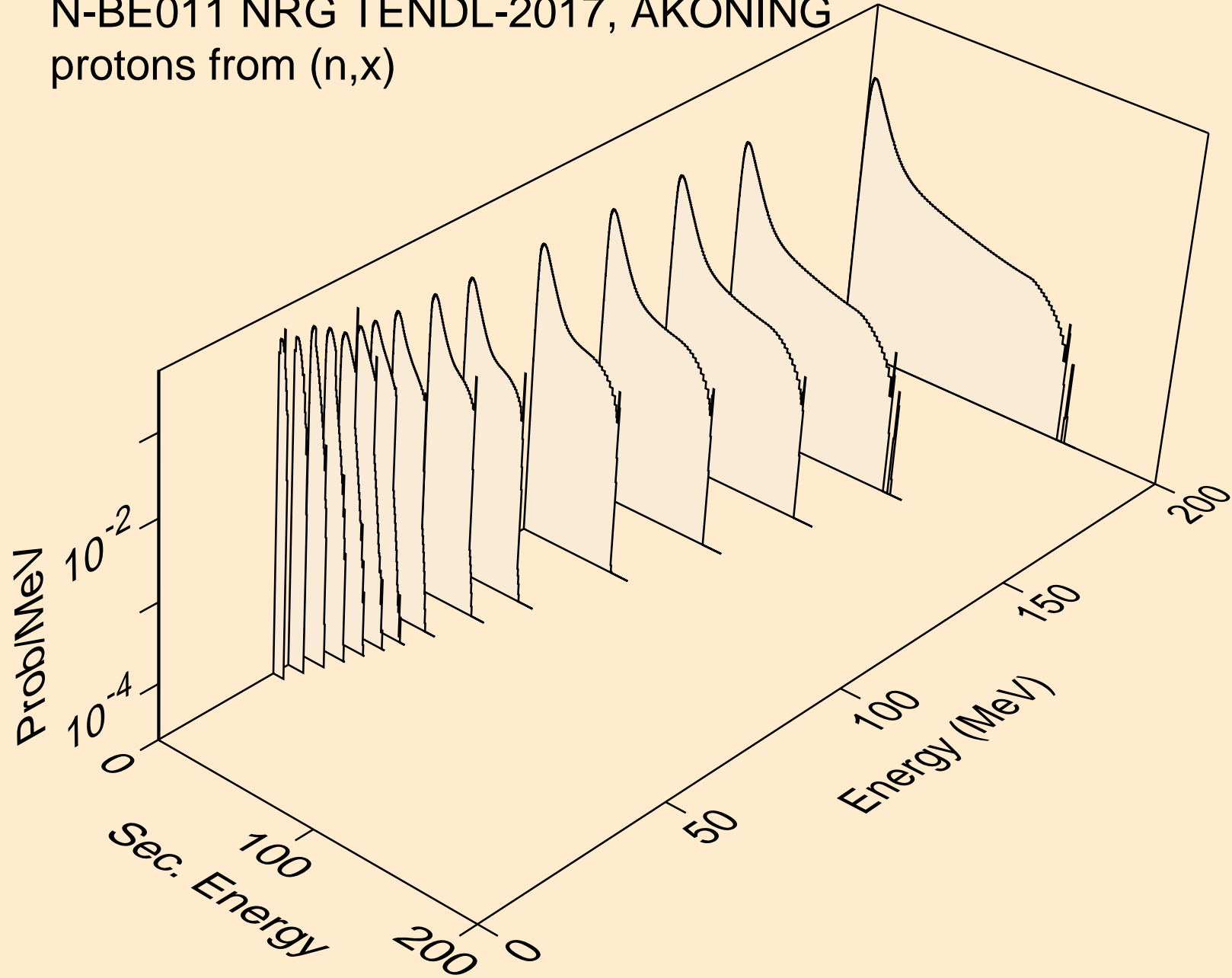


# N-BE011 NRG TENDL-2017, AKONING

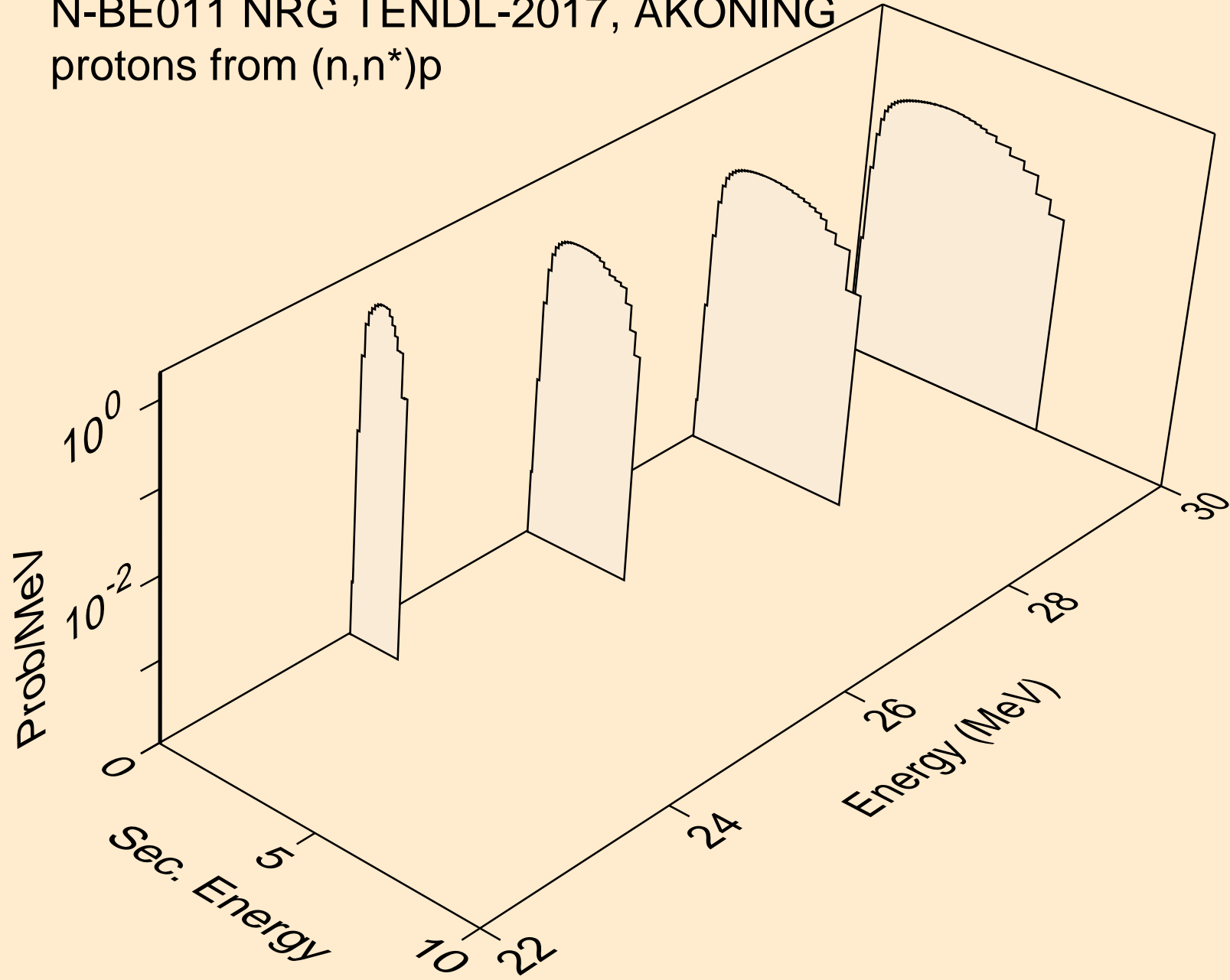
## Particle production cross sections



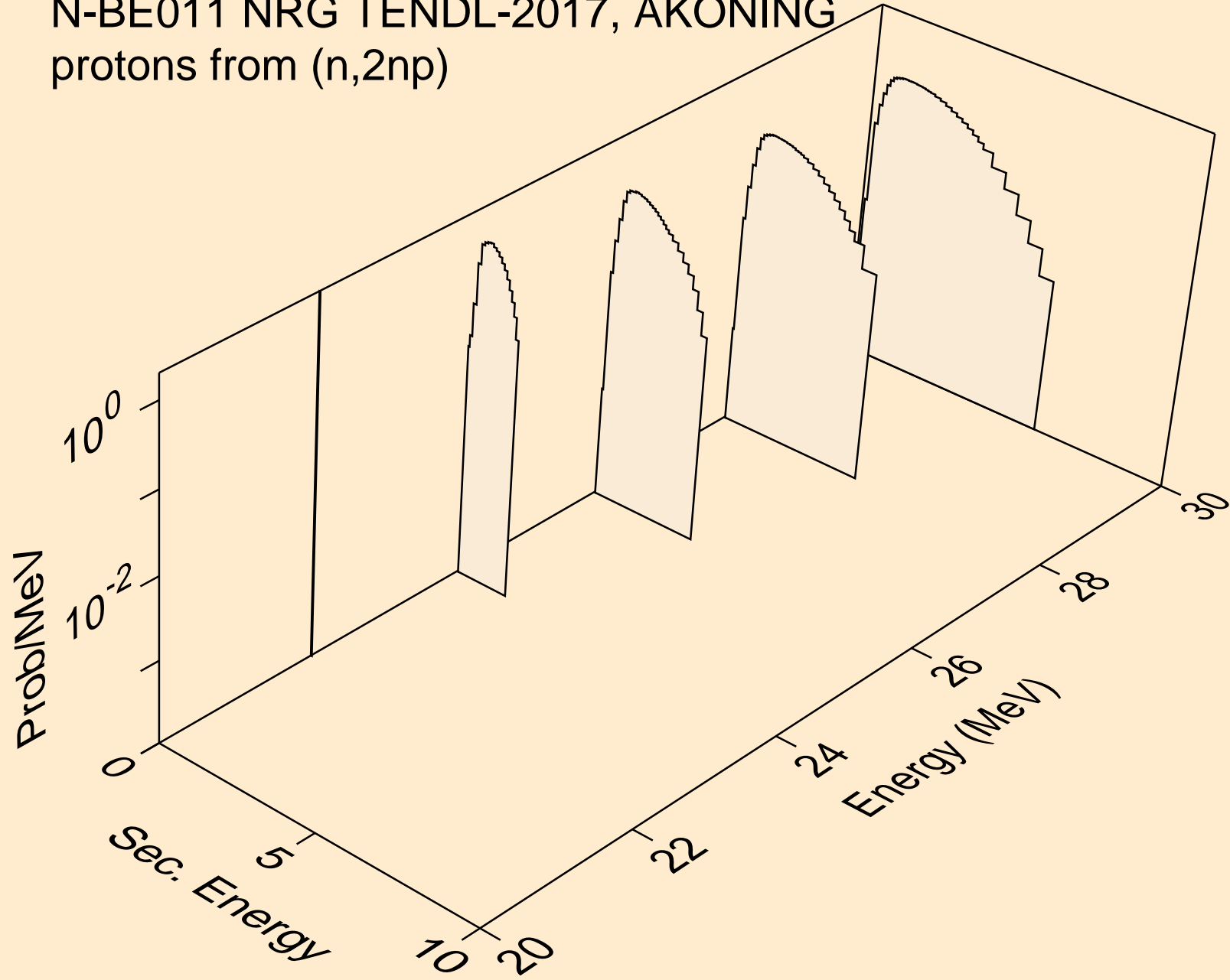
N-BE011 NRG TENDL-2017, AKONING  
protons from (n,x)



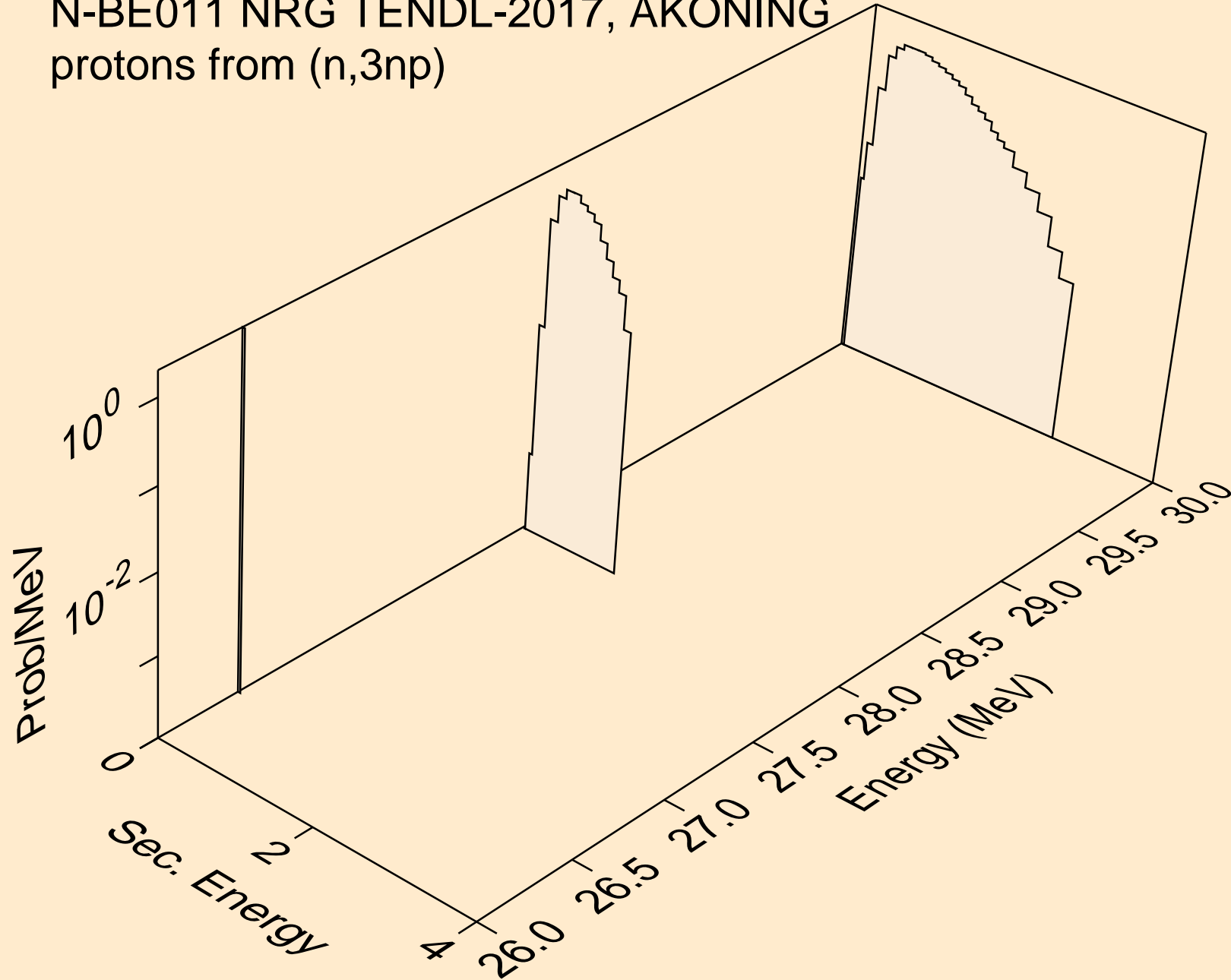
N-BE011 NRG TENDL-2017, AKONING  
protons from (n,n\*)p



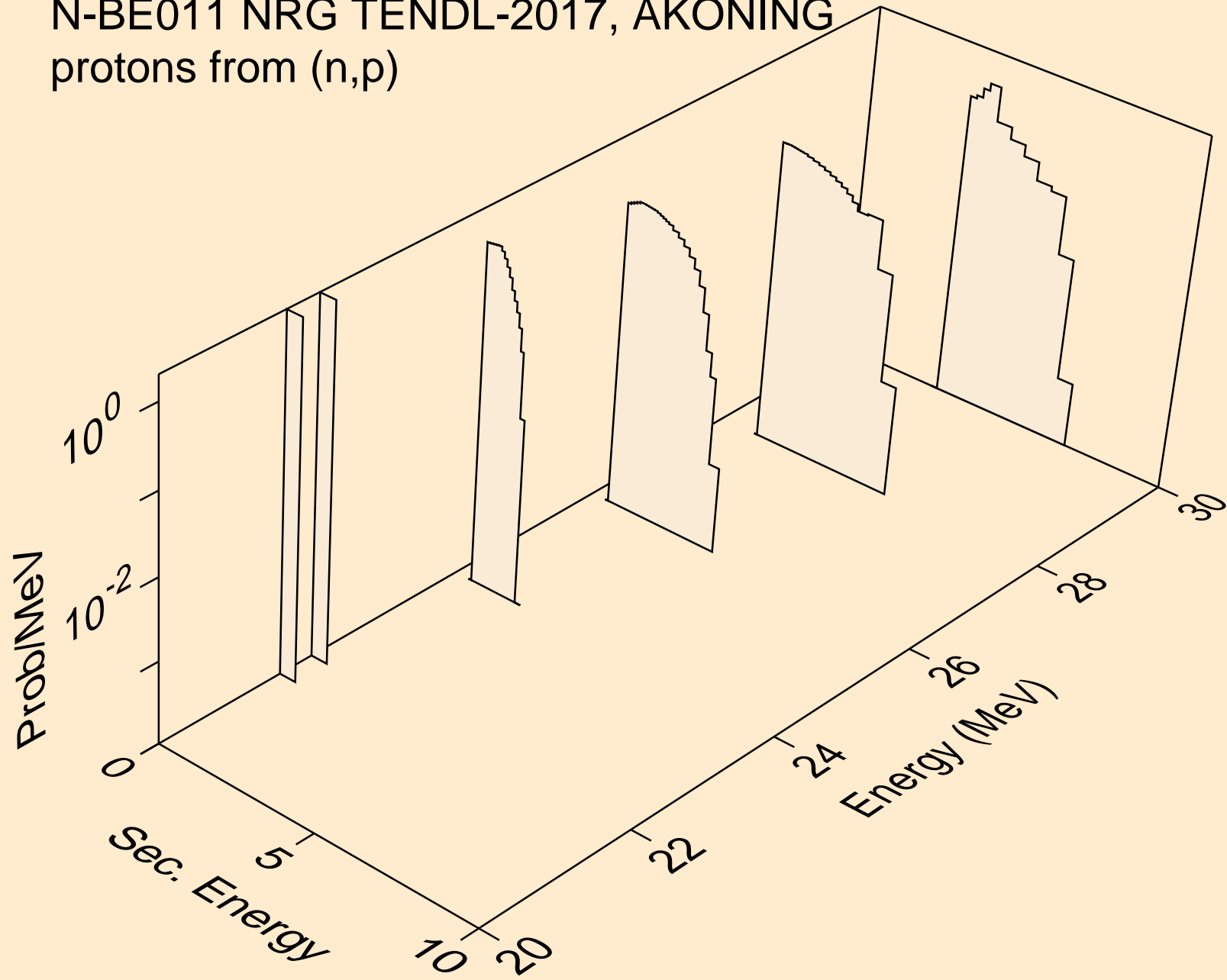
N-BE011 NRG TENDL-2017, AKONING  
protons from (n,2np)



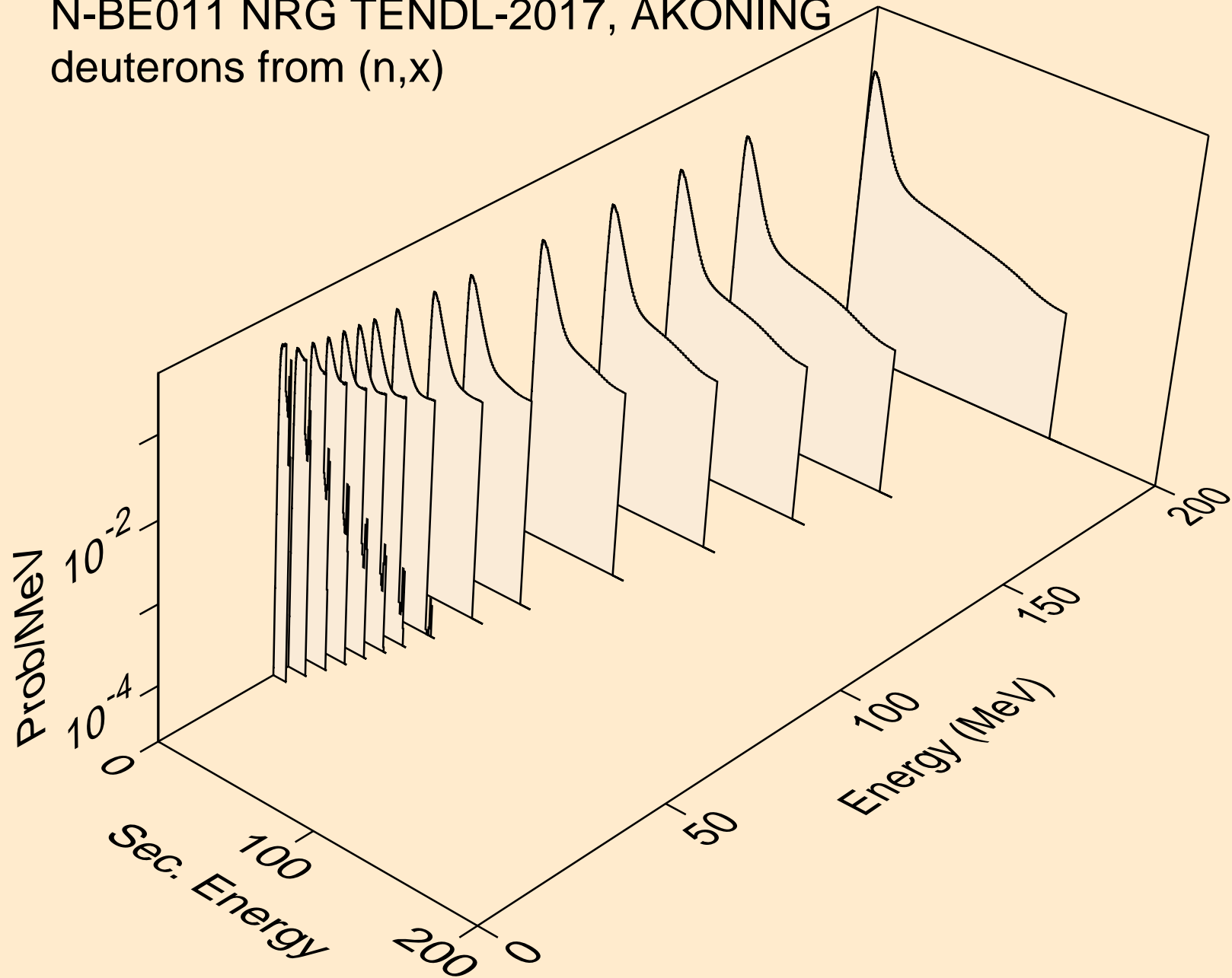
N-BE011 NRG TENDL-2017, AKONING  
protons from (n,3np)



N-BE011 NRG TENDL-2017, AKONING  
protons from (n,p)

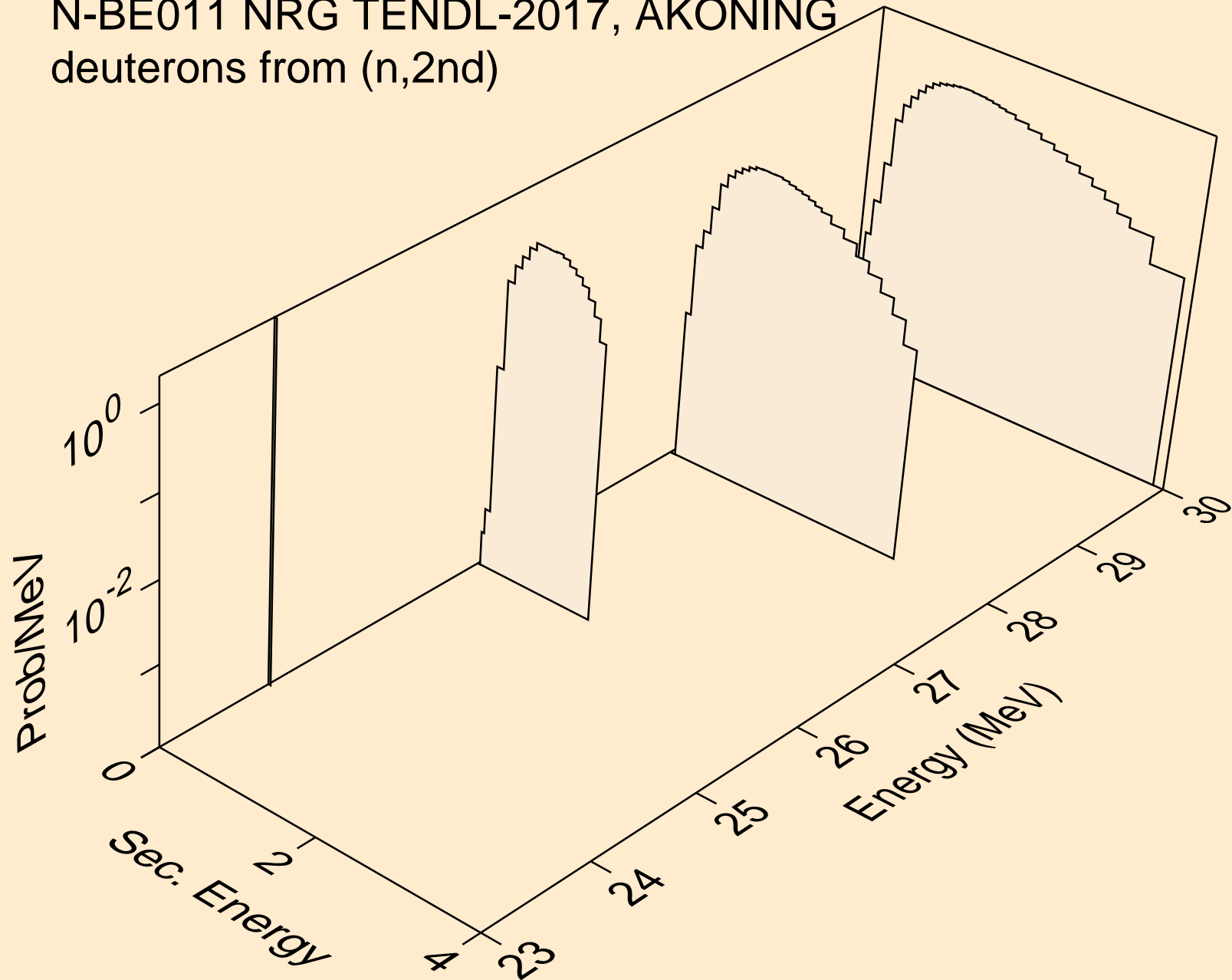


N-BE011 NRG TENDL-2017, AKONING  
deuterons from (n,x)

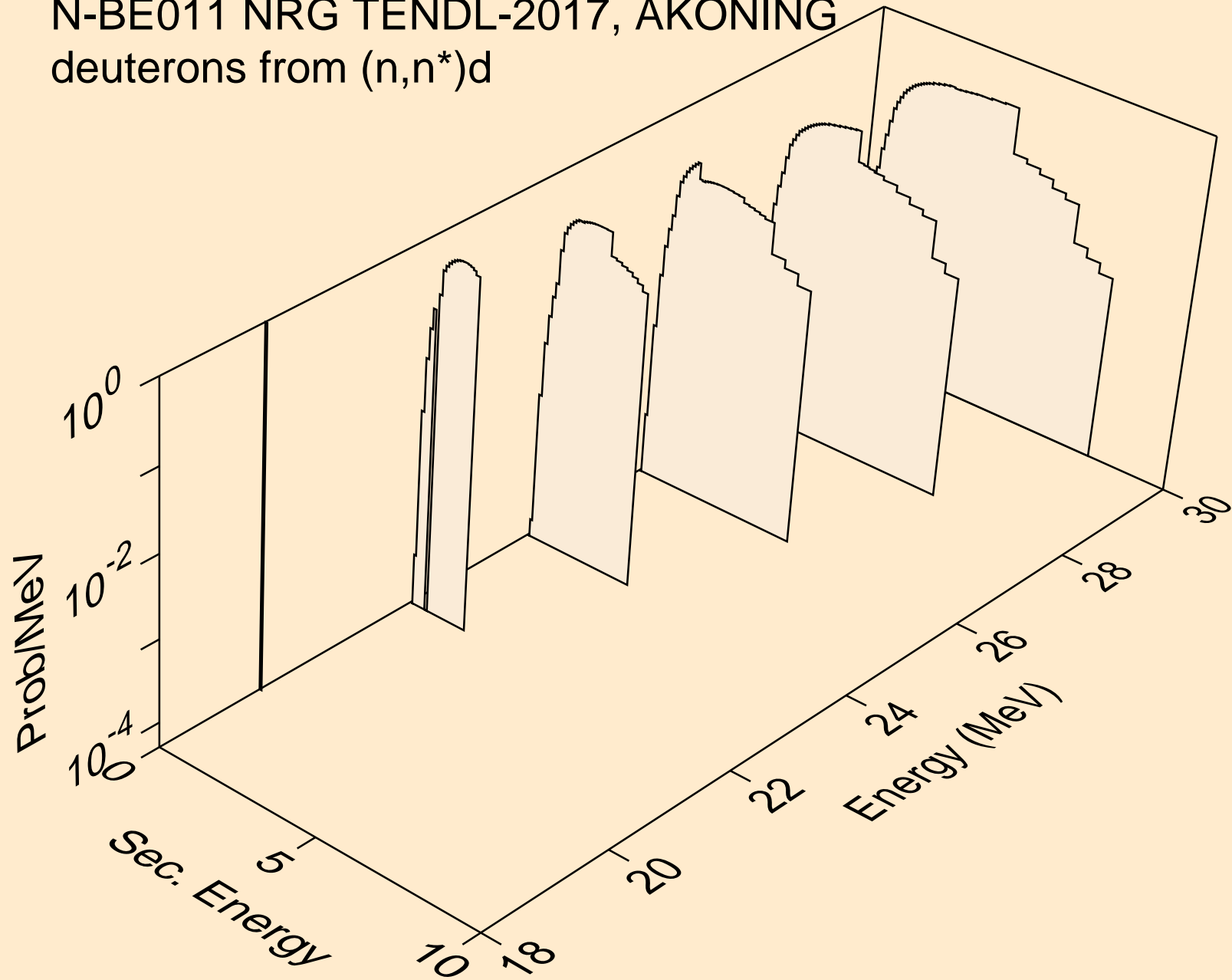




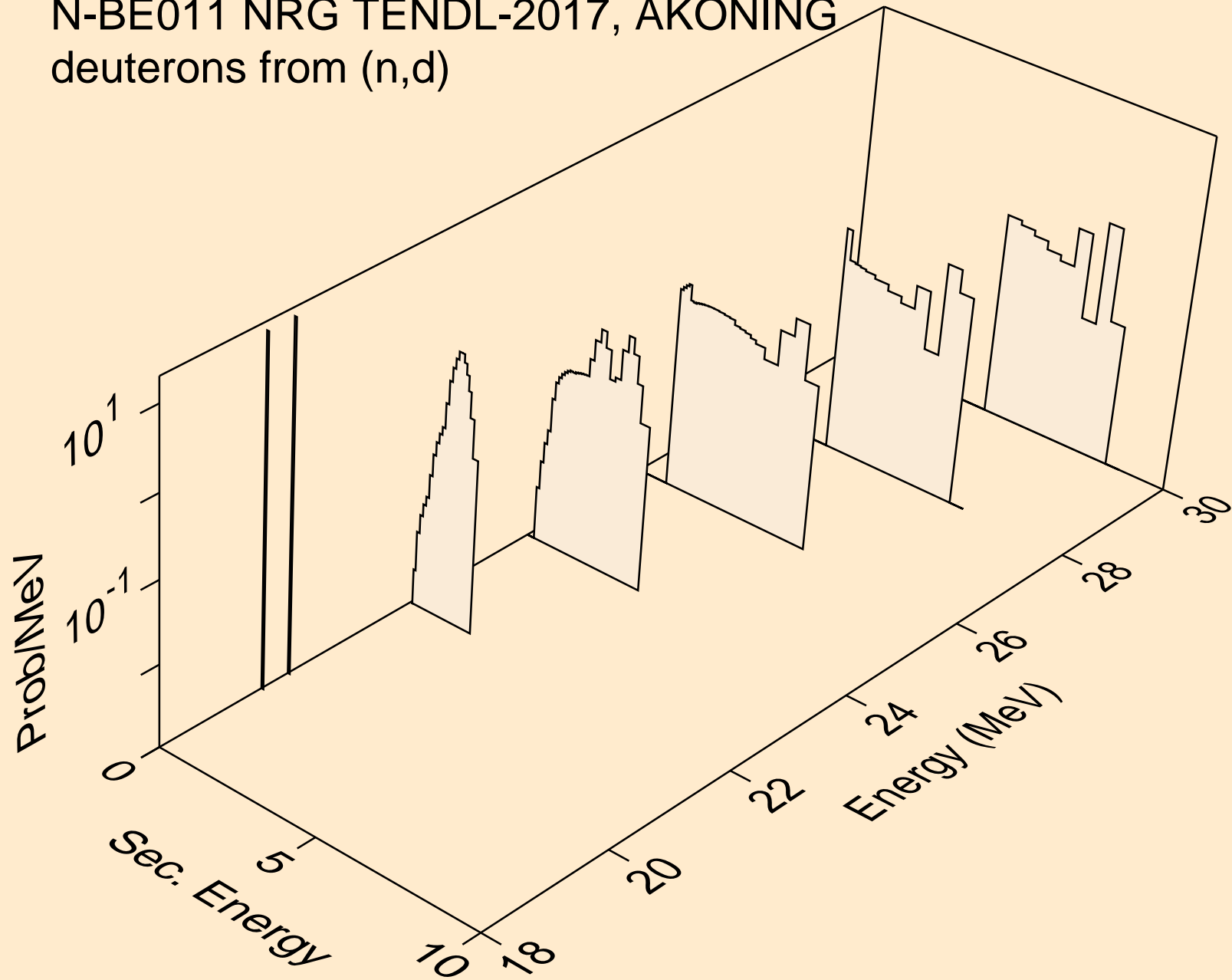
N-BE011 NRG TENDL-2017, AKONING  
deuterons from (n,2nd)



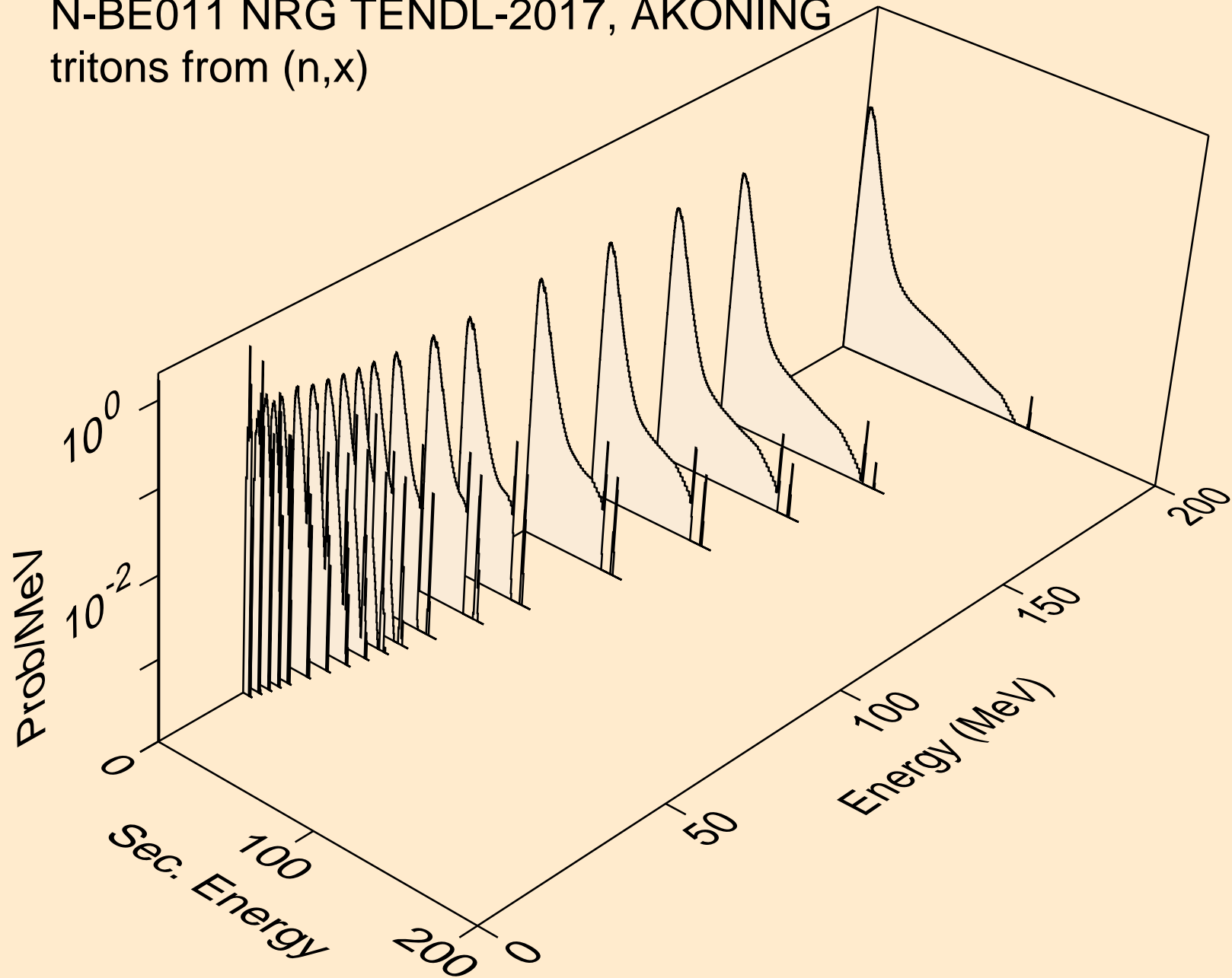
N-BE011 NRG TENDL-2017, AKONING  
deuterons from (n,n\*)d



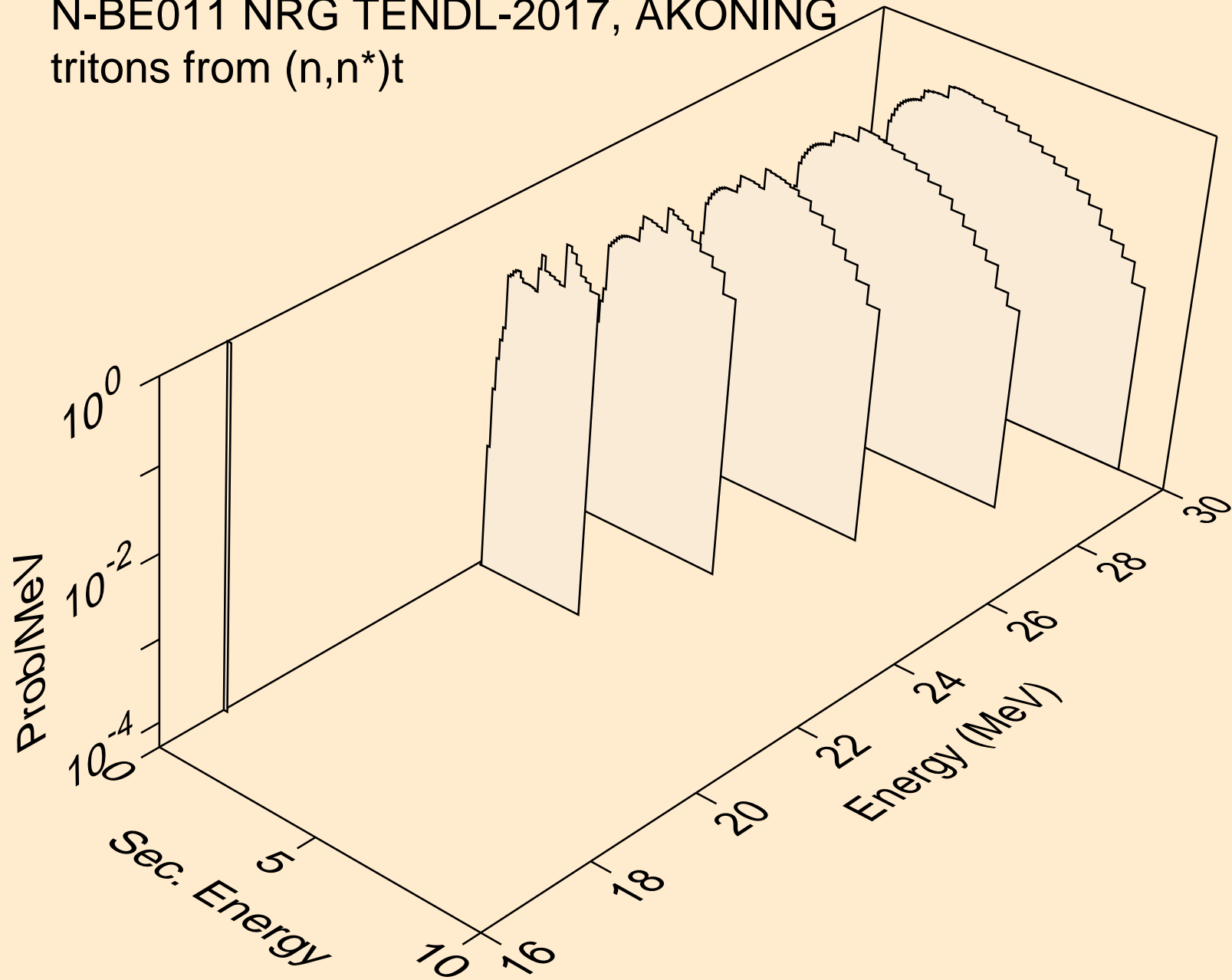
N-BE011 NRG TENDL-2017, AKONING  
deuterons from (n,d)



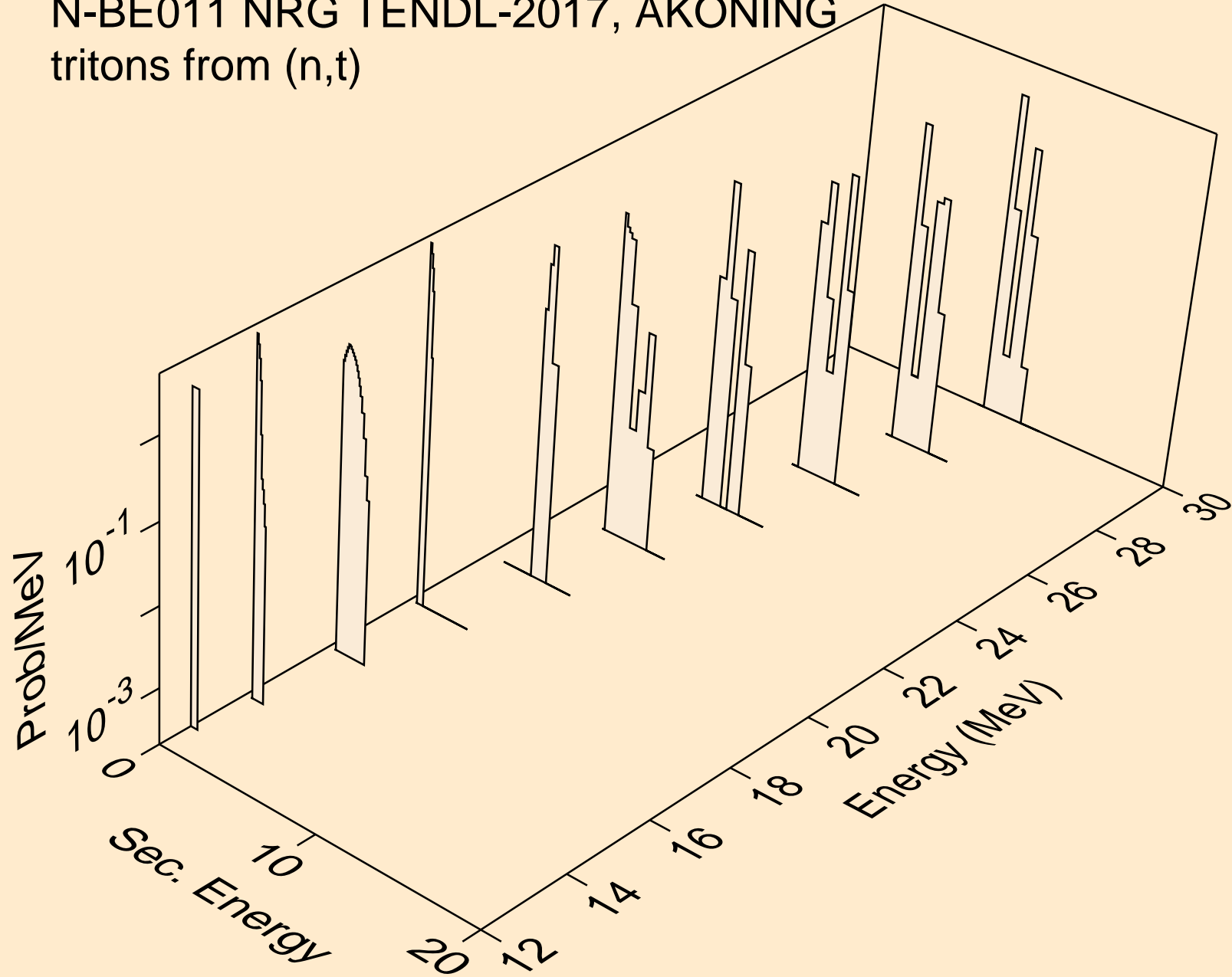
N-BE011 NRG TENDL-2017, AKONING  
tritons from (n,x)



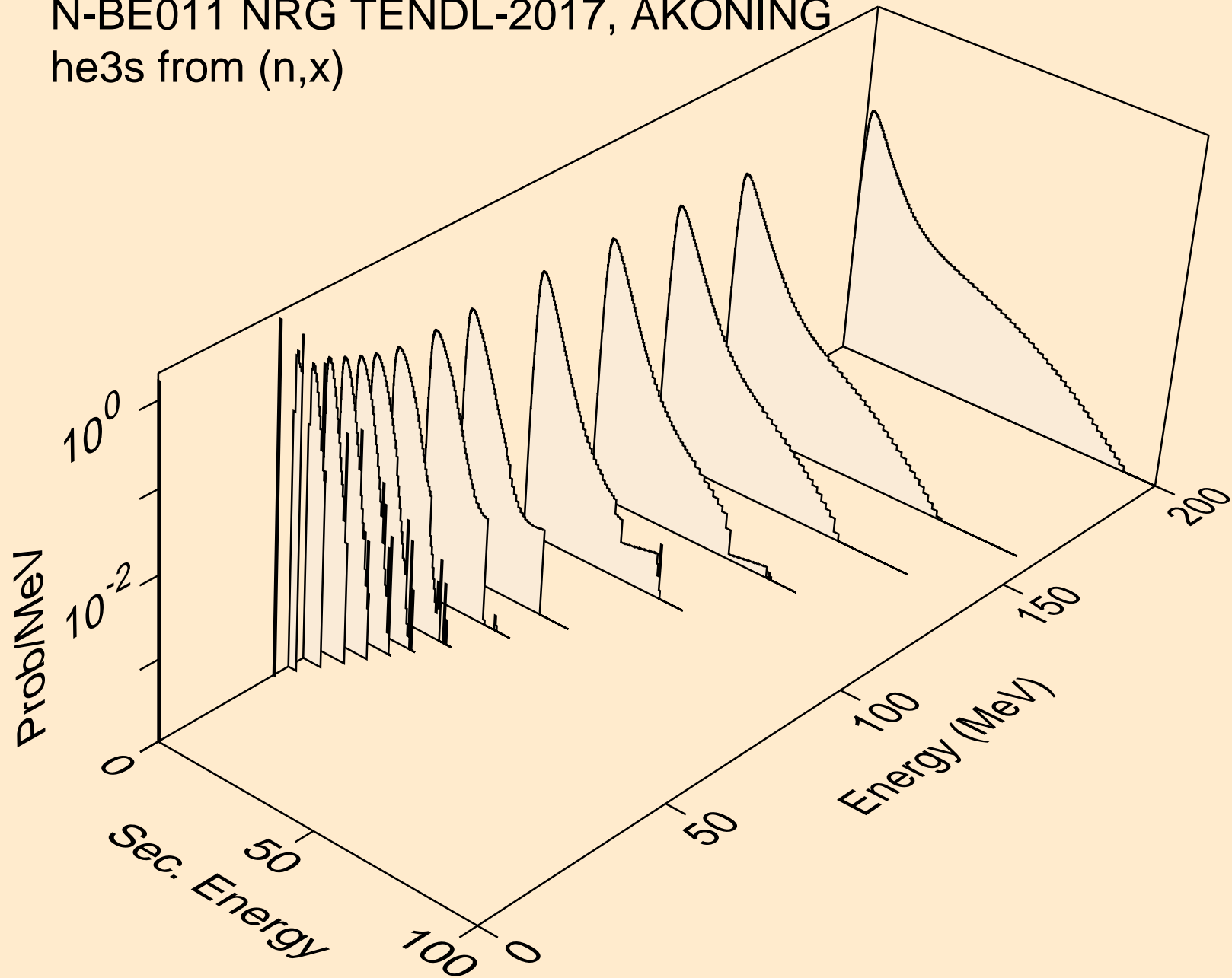
N-BE011 NRG TENDL-2017, AKONING  
tritons from (n,n\*)t



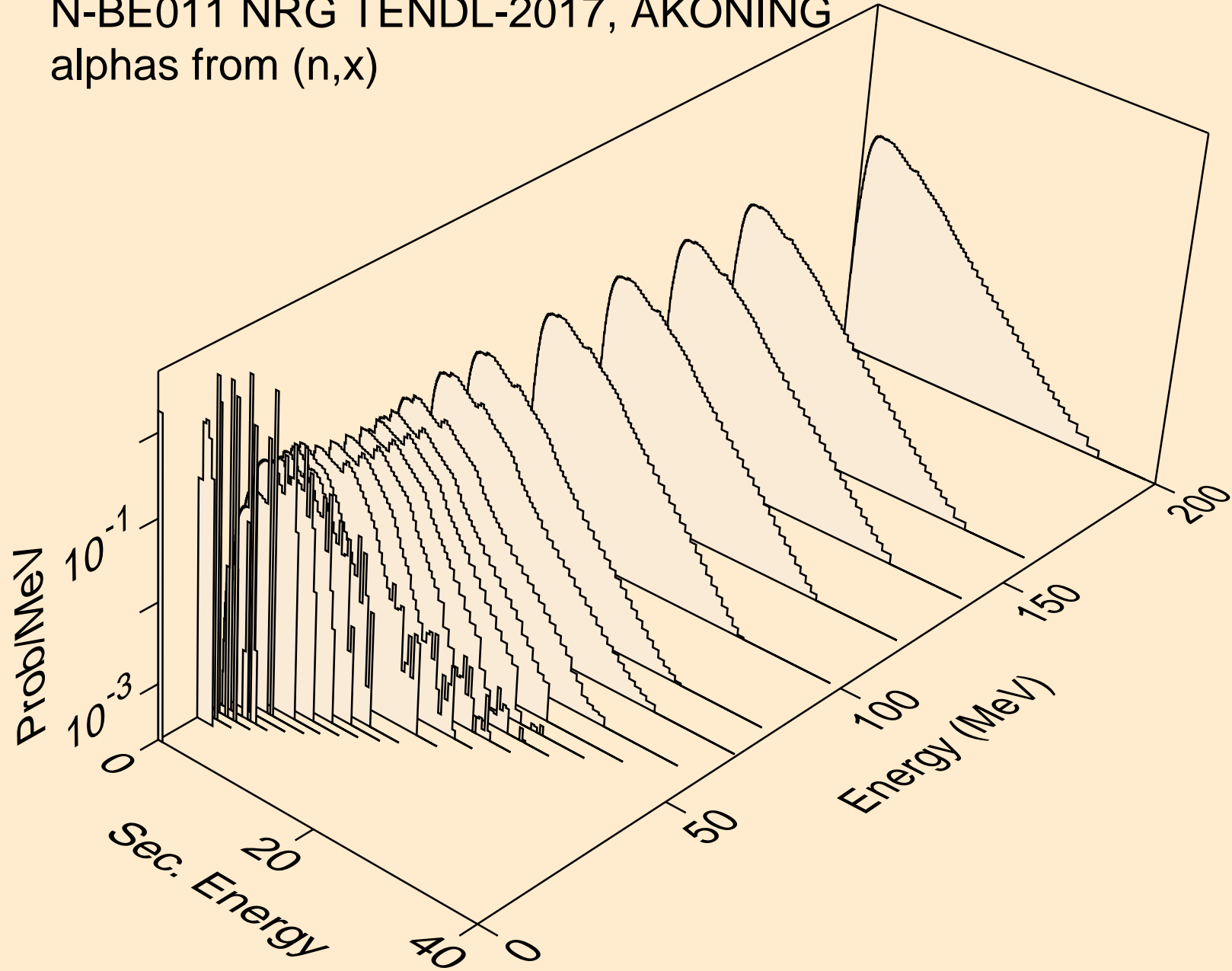
N-BE011 NRG TENDL-2017, AKONING  
tritons from (n,t)



N-BE011 NRG TENDL-2017, AKONING  
he3s from (n,x)

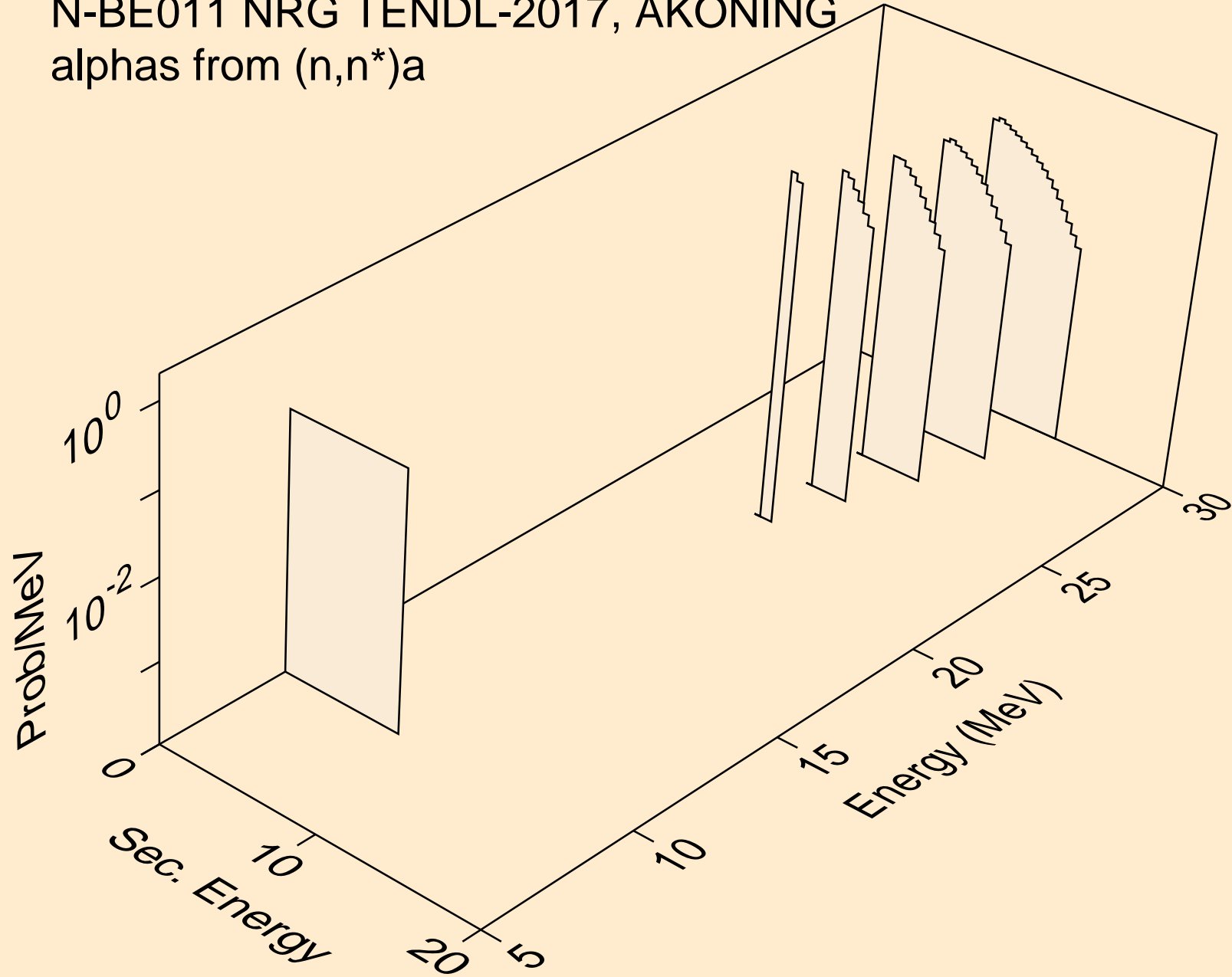


N-BE011 NRG TENDL-2017, AKONING  
alphas from (n,x)

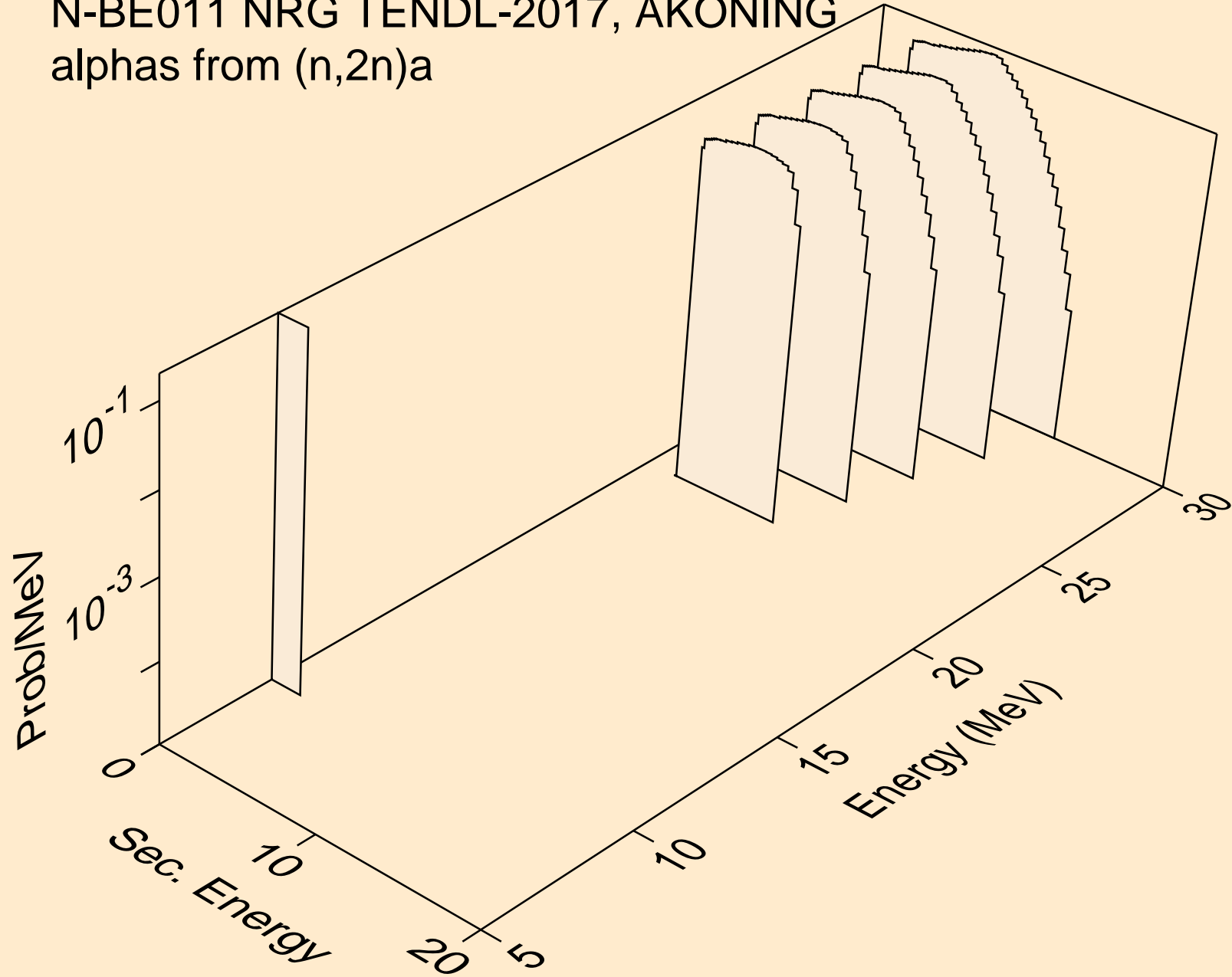




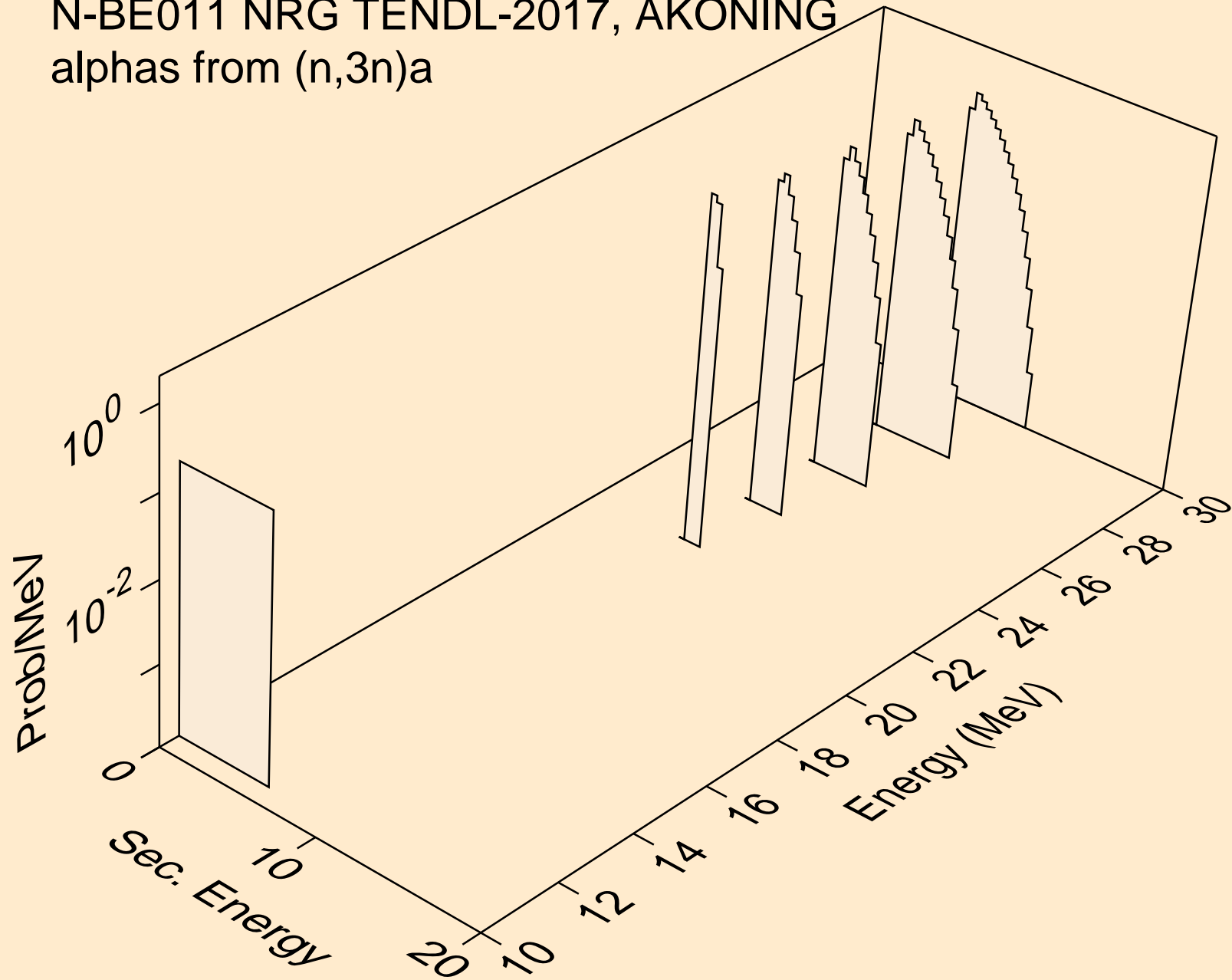
N-BE011 NRG TENDL-2017, AKONING  
alphas from (n,n\*)a



N-BE011 NRG TENDL-2017, AKONING  
alphas from (n,2n)a



N-BE011 NRG TENDL-2017, AKONING  
alphas from (n,3n)a



N-BE011 NRG TENDL-2017, AKONING  
alphas from (n,a)

