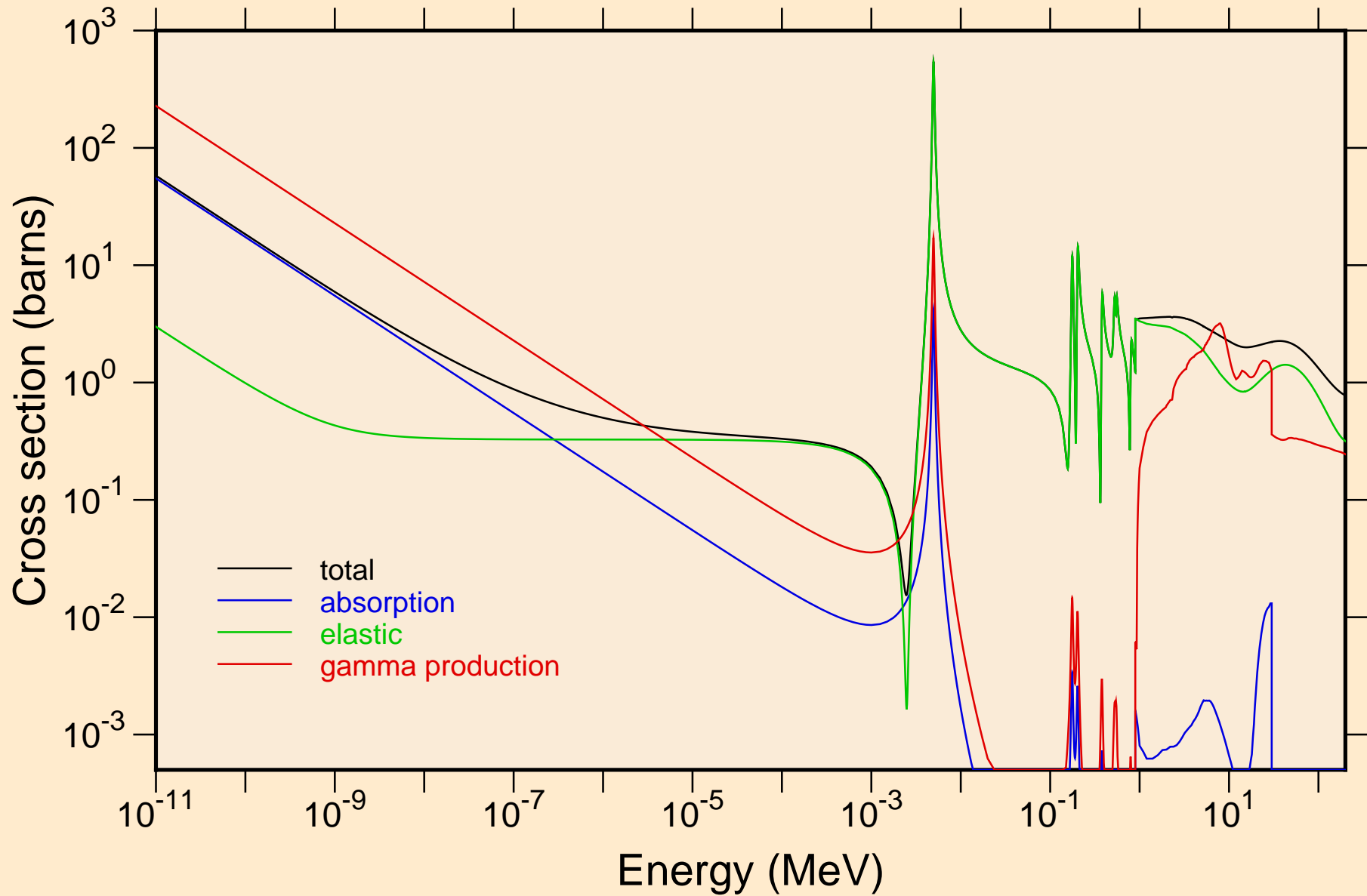
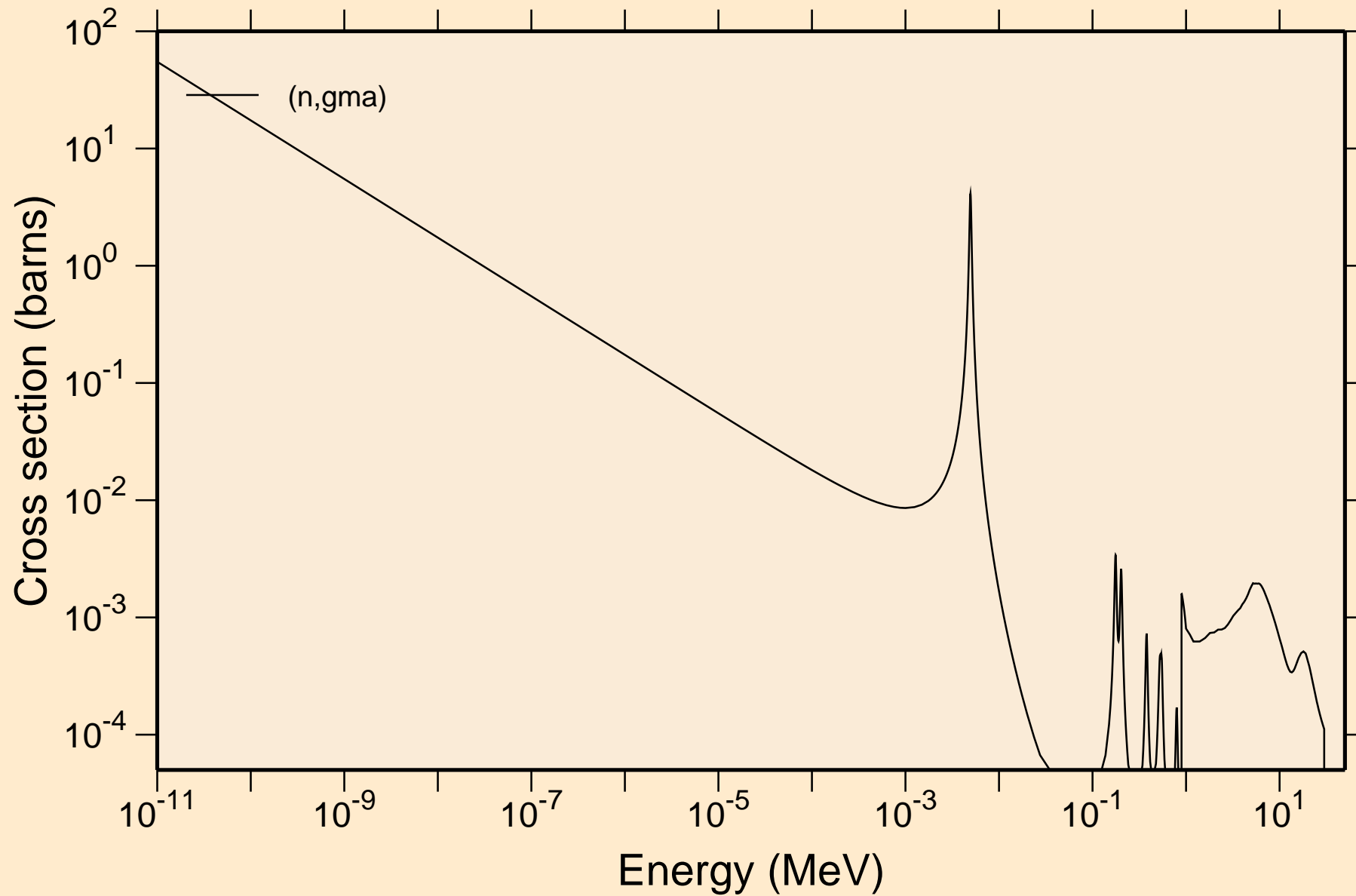


# S040 NRG TENDL-2015, AKONING

## Principal cross sections

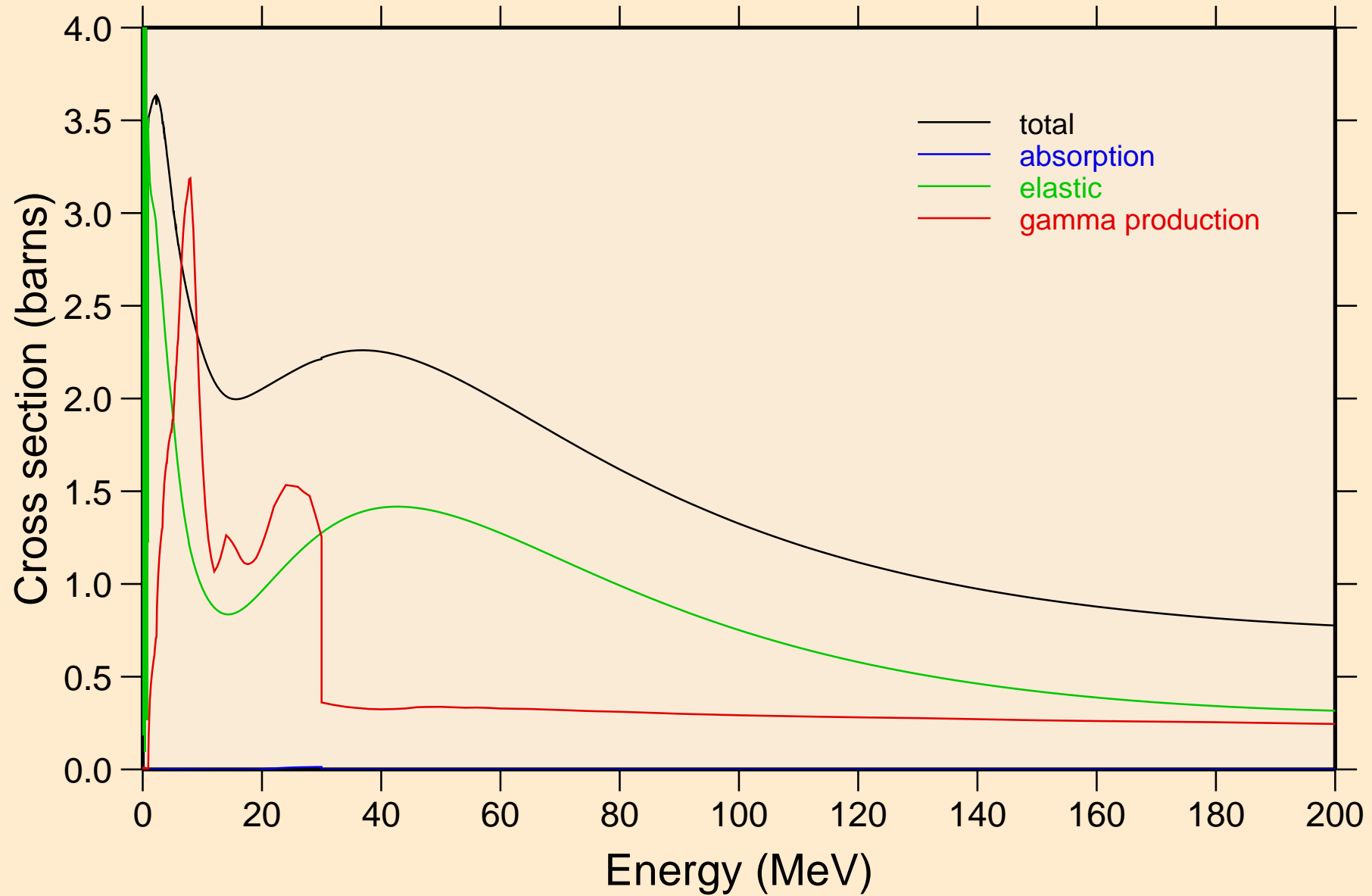


S040 NRG TENDL-2015, AKONING  
Non-threshold reactions

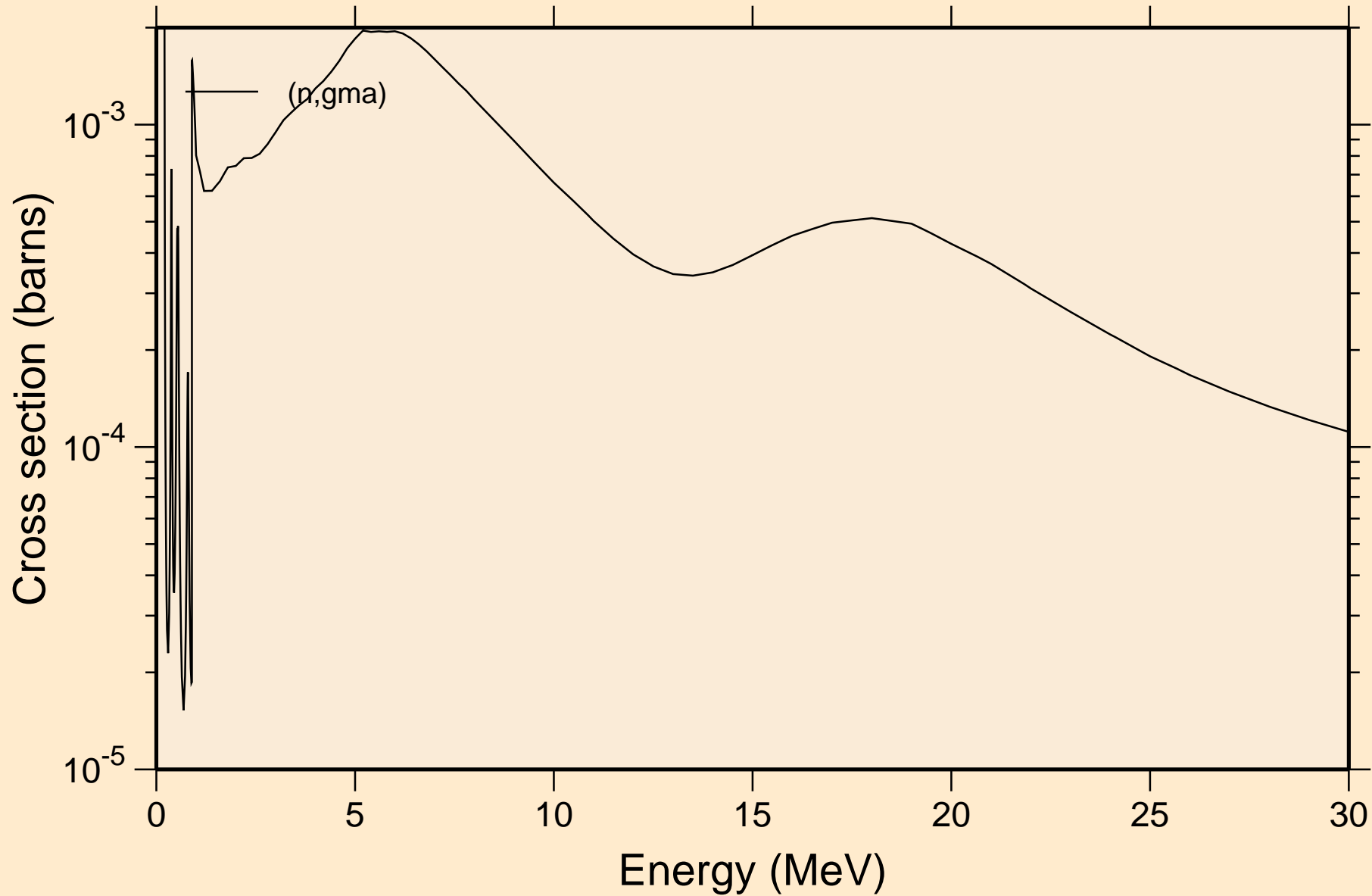


# S040 NRG TENDL-2015, AKONING

## Principal cross sections

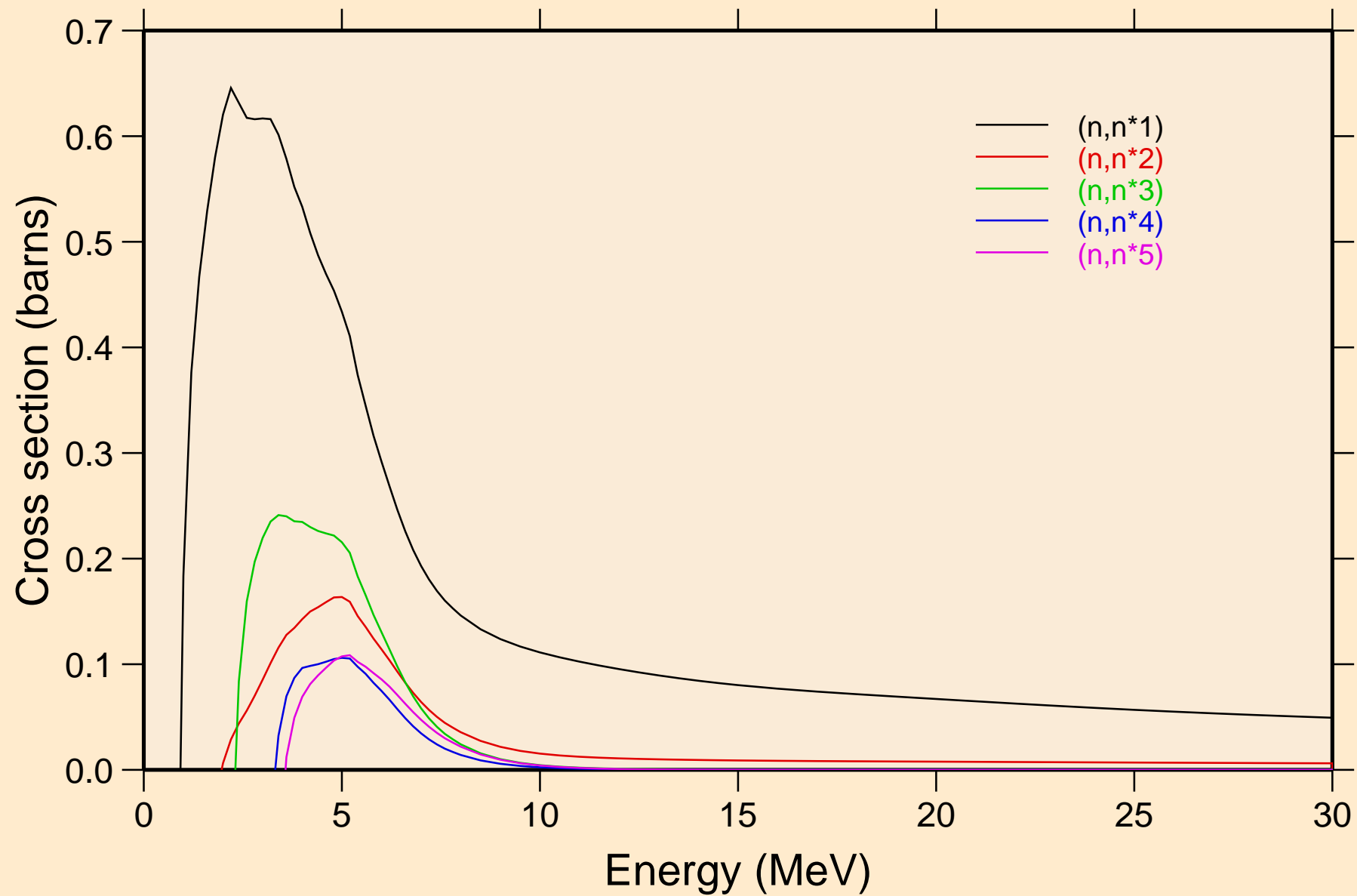


S040 NRG TENDL-2015, AKONING  
Non-threshold reactions



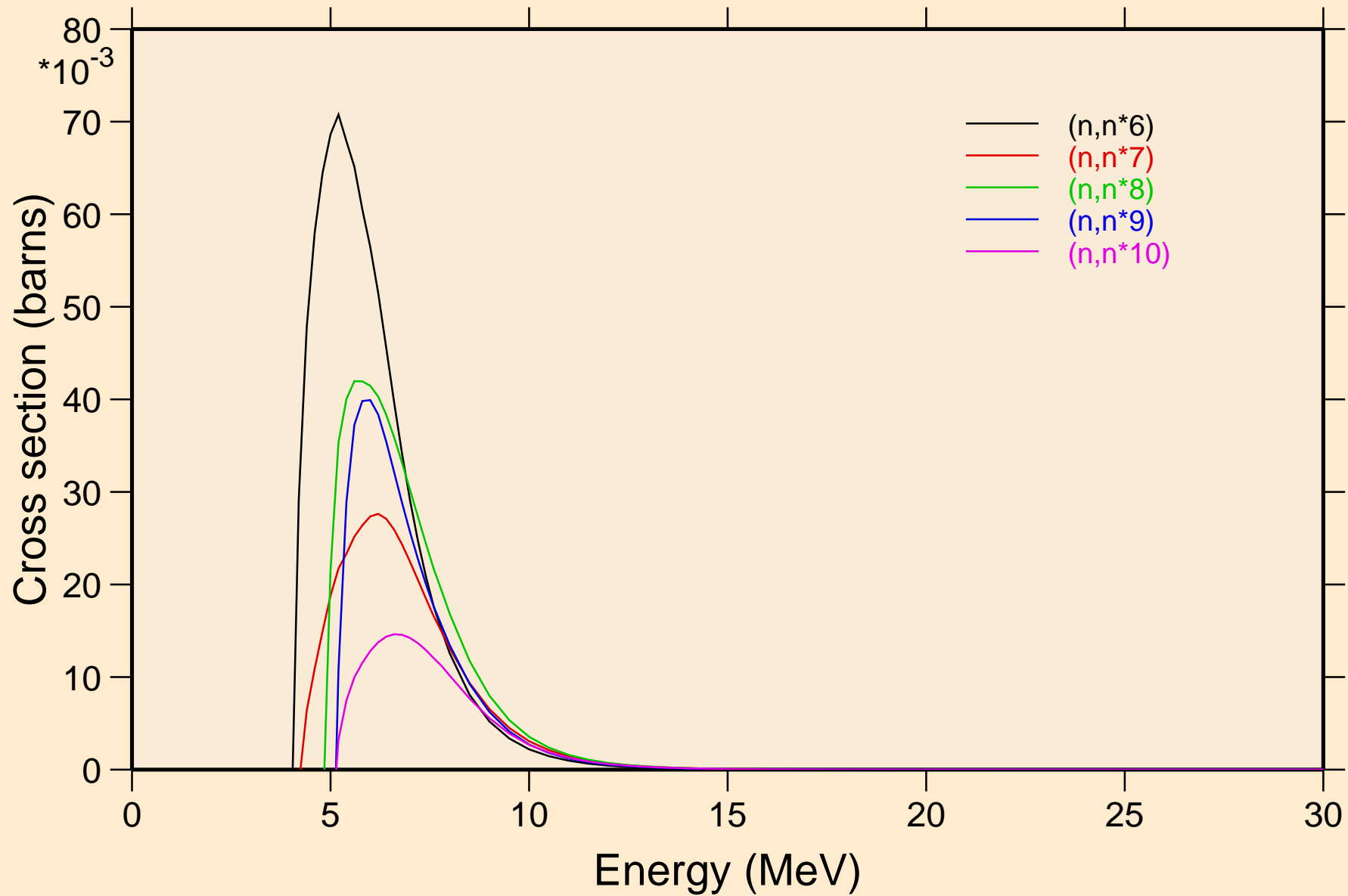
# S040 NRG TENDL-2015, AKONING

## Inelastic levels



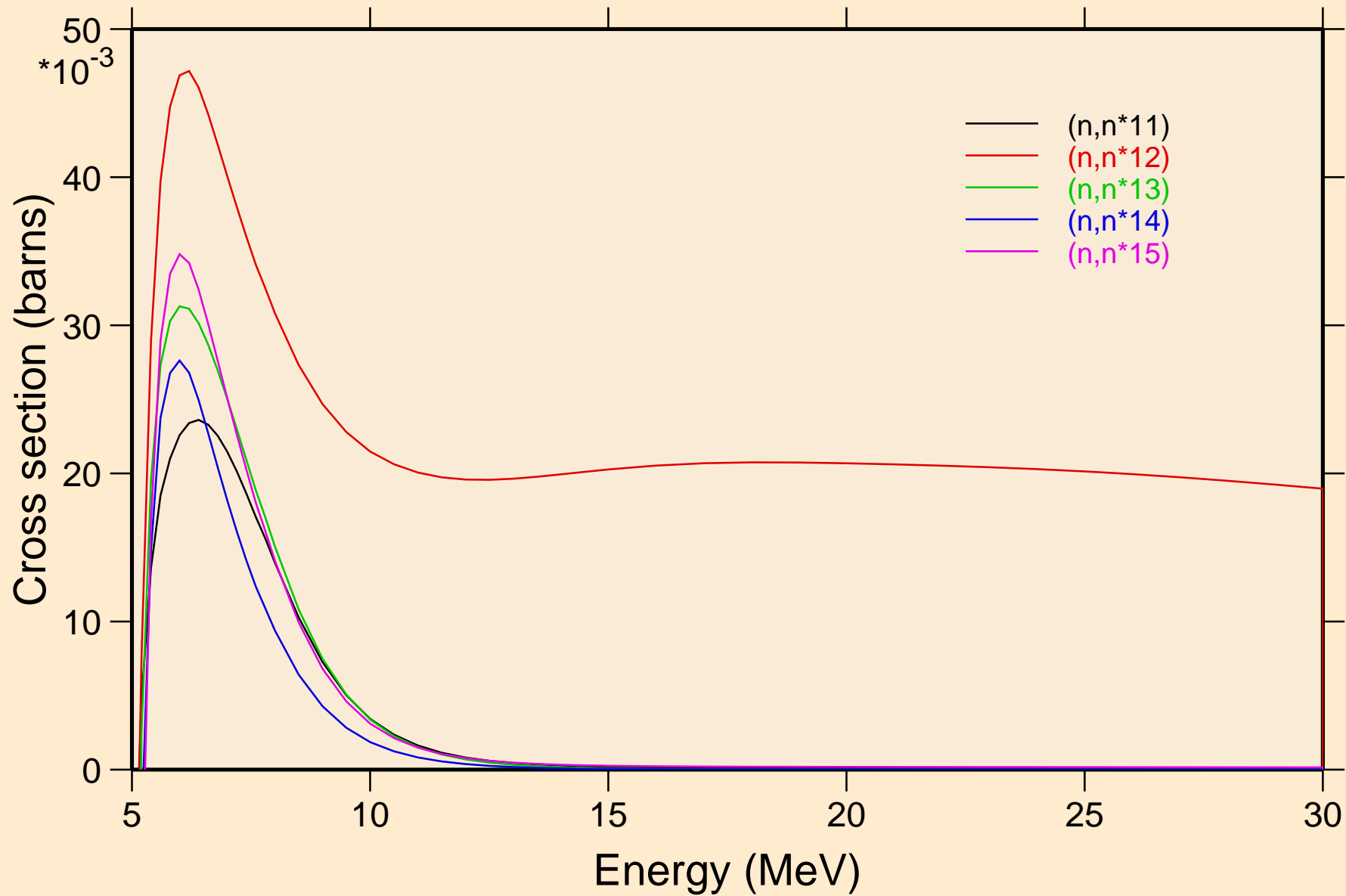
# S040 NRG TENDL-2015, AKONING

## Inelastic levels



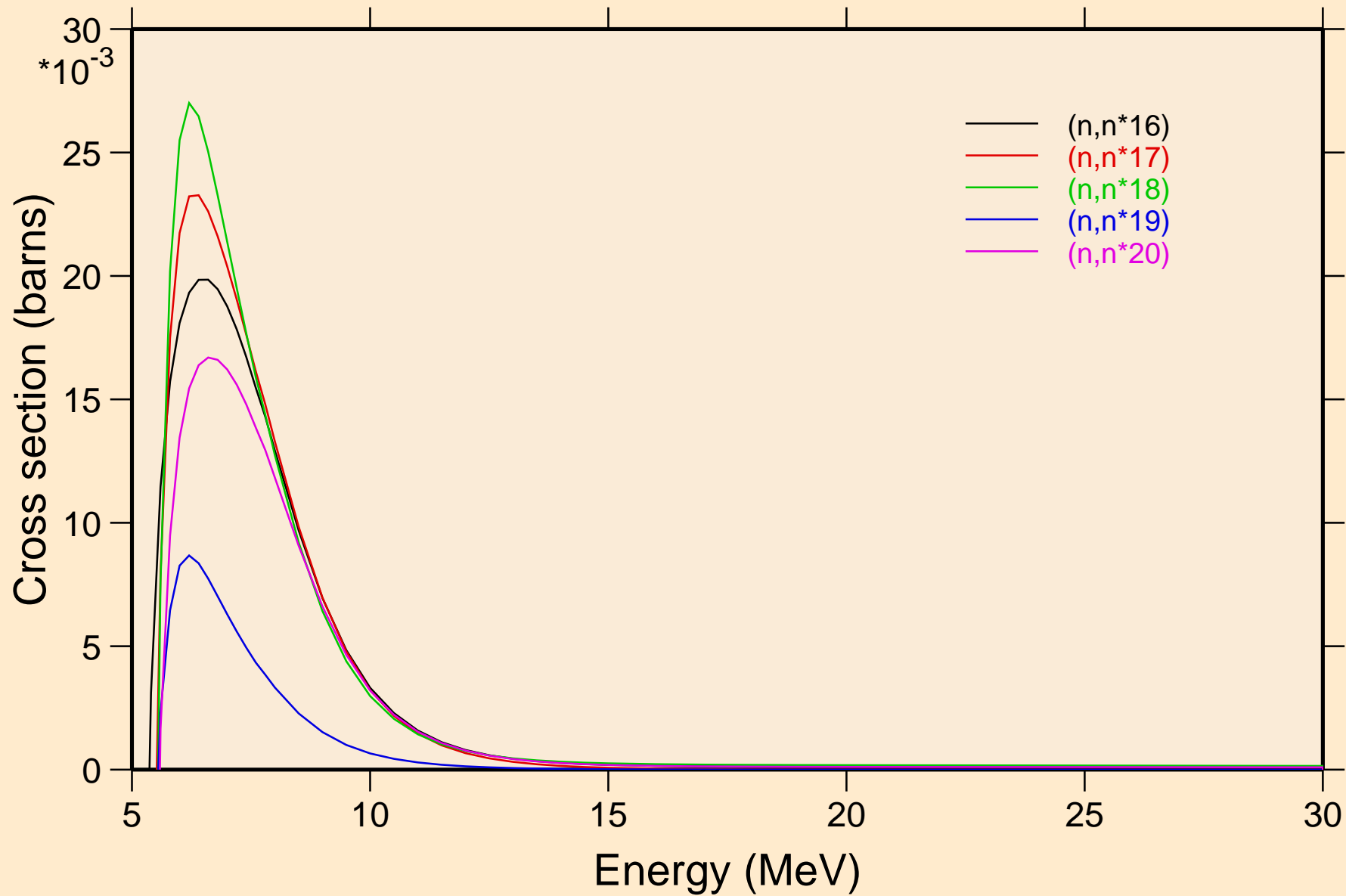
# S040 NRG TENDL-2015, AKONING

## Inelastic levels



# S040 NRG TENDL-2015, AKONING

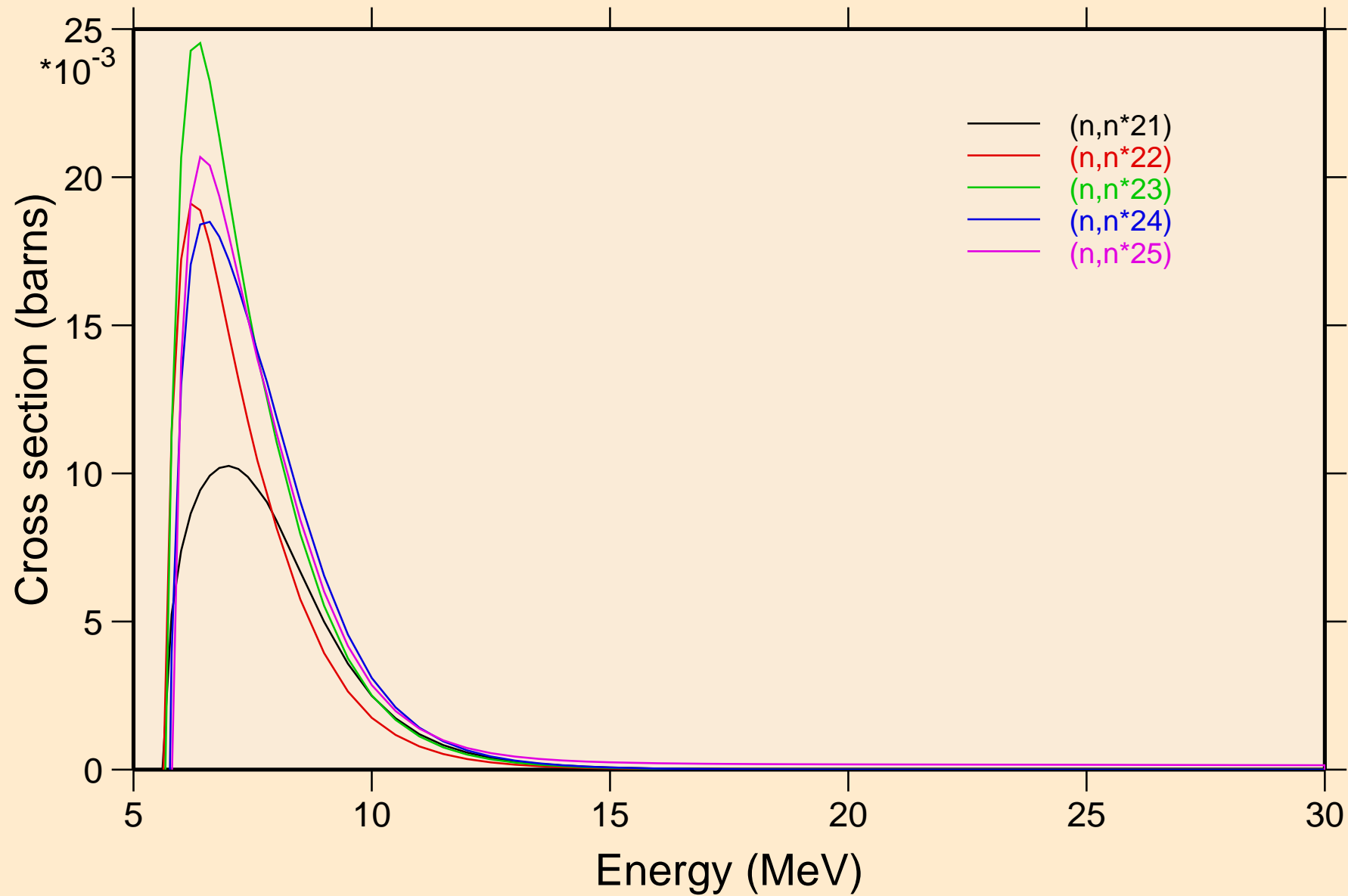
## Inelastic levels





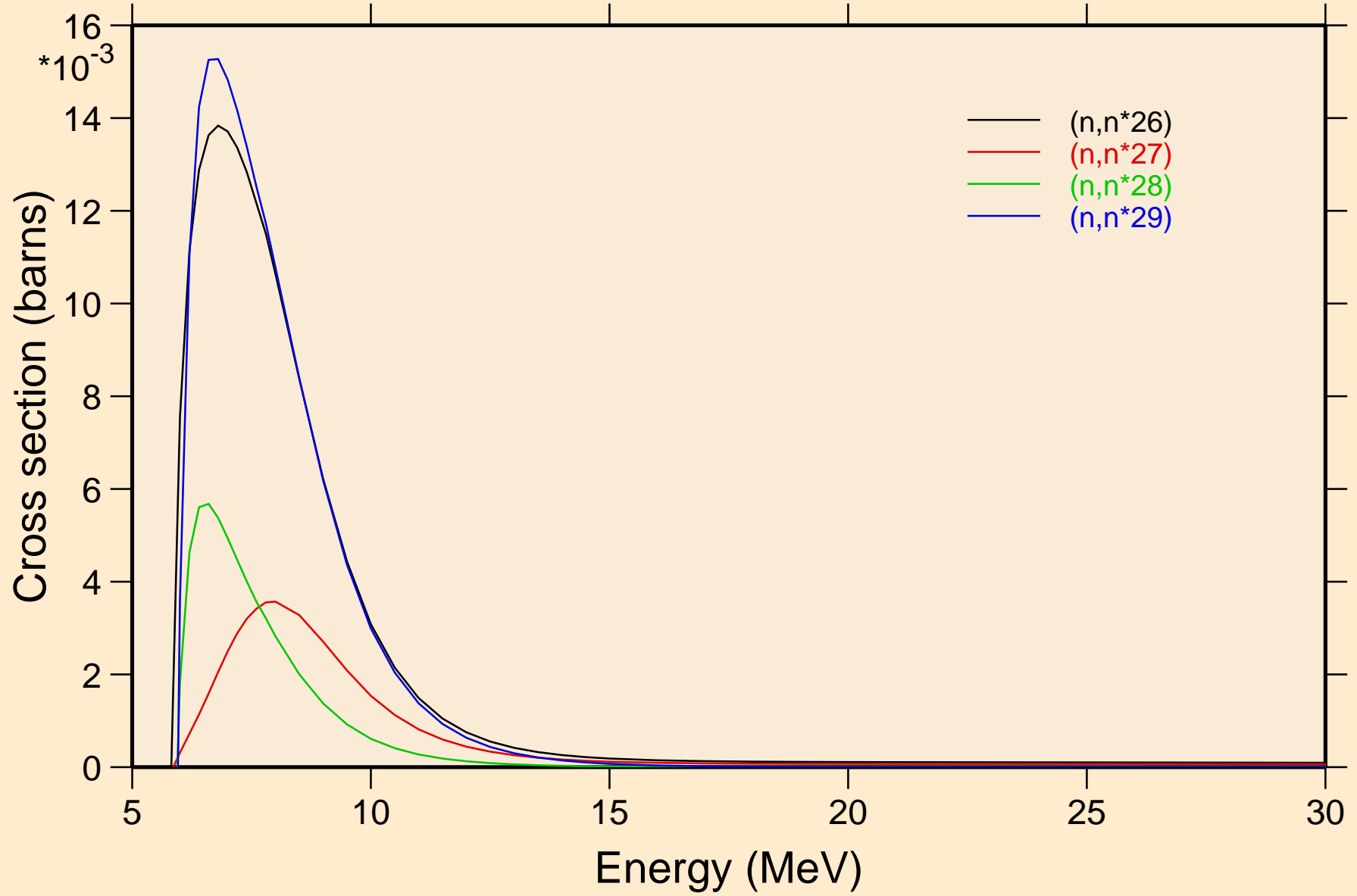
# S040 NRG TENDL-2015, AKONING

## Inelastic levels



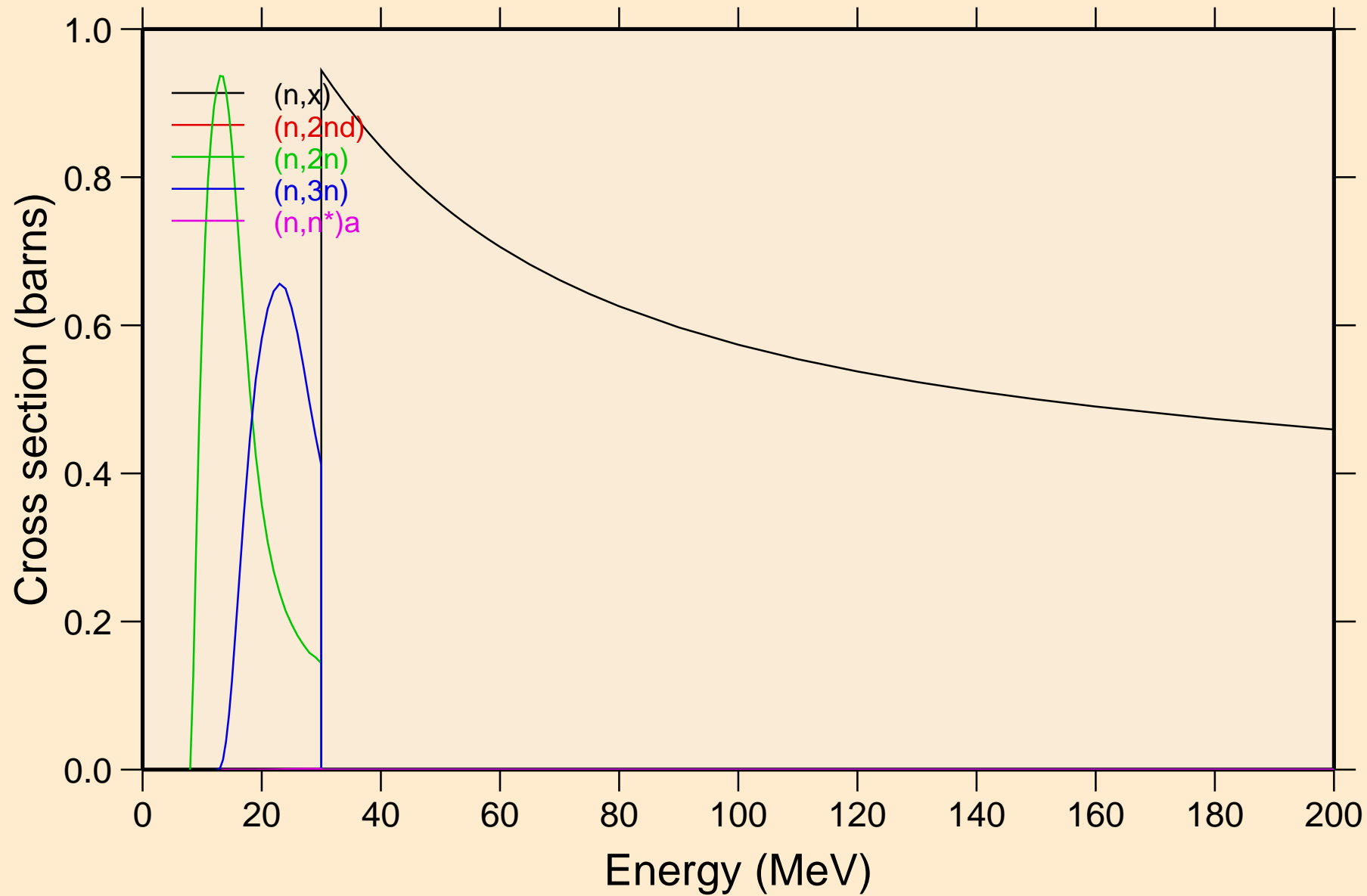
# S040 NRG TENDL-2015, AKONING

## Inelastic levels



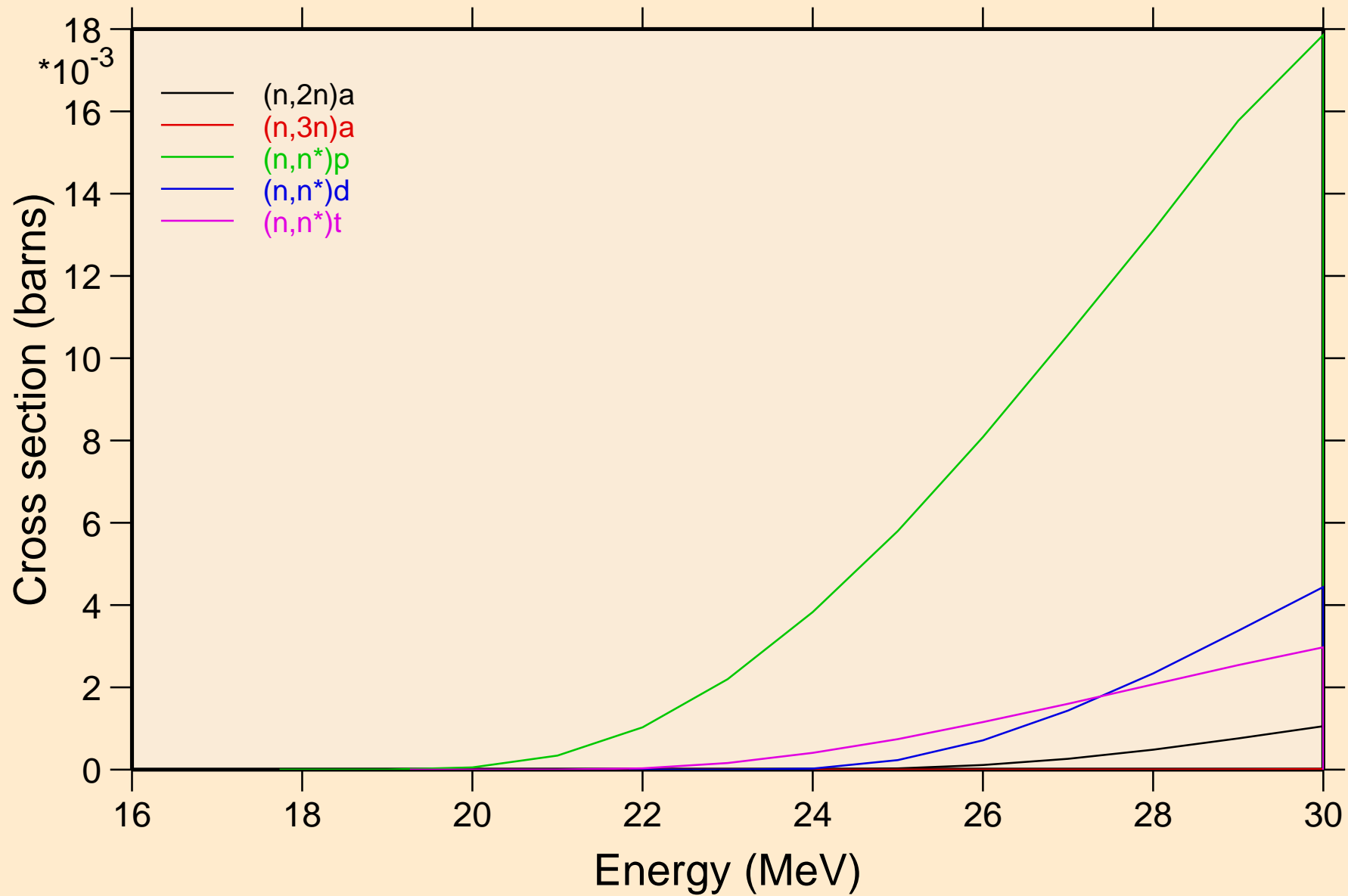
# S040 NRG TENDL-2015, AKONING

## Threshold reactions



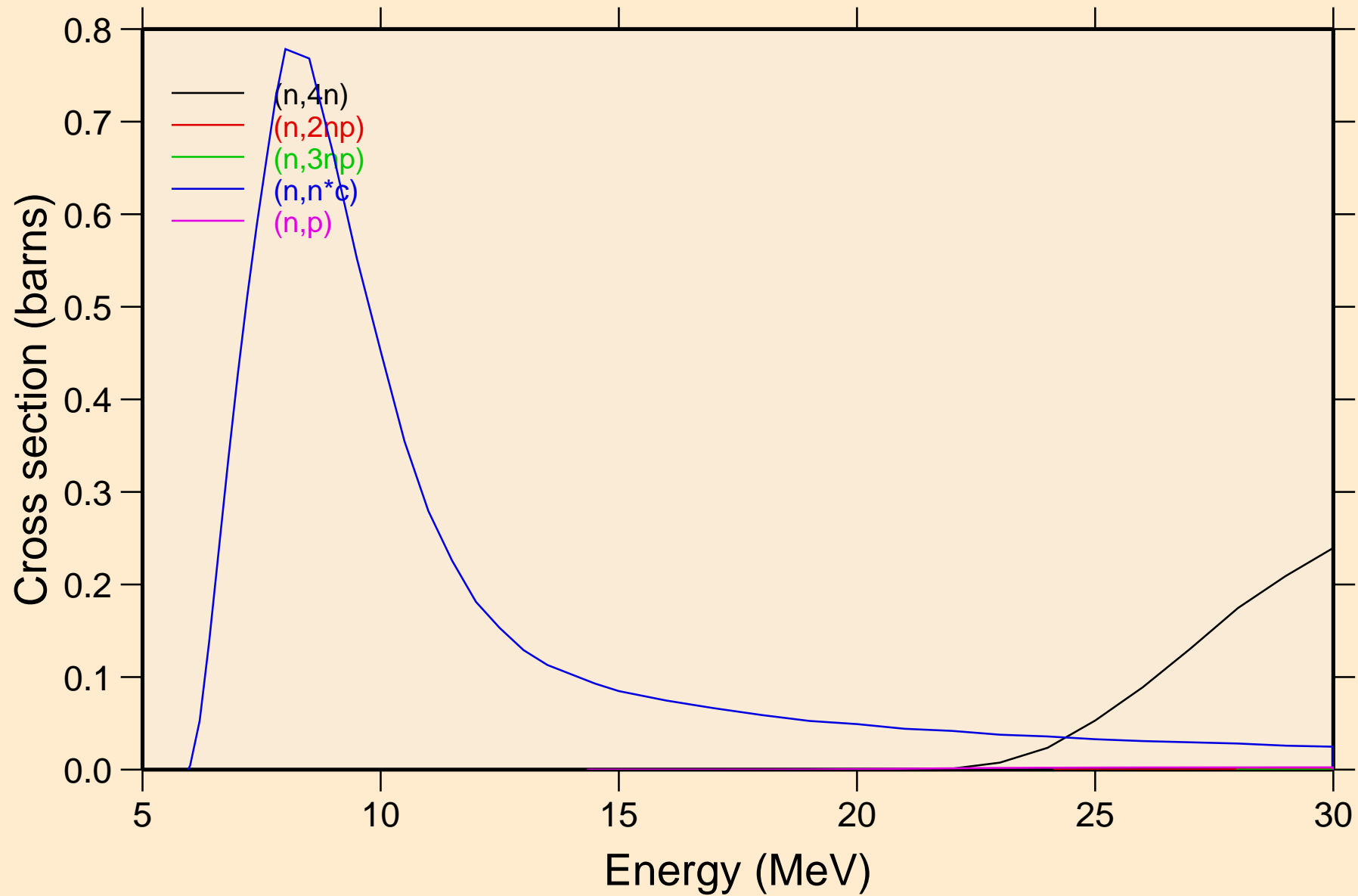
# S040 NRG TENDL-2015, AKONING

## Threshold reactions



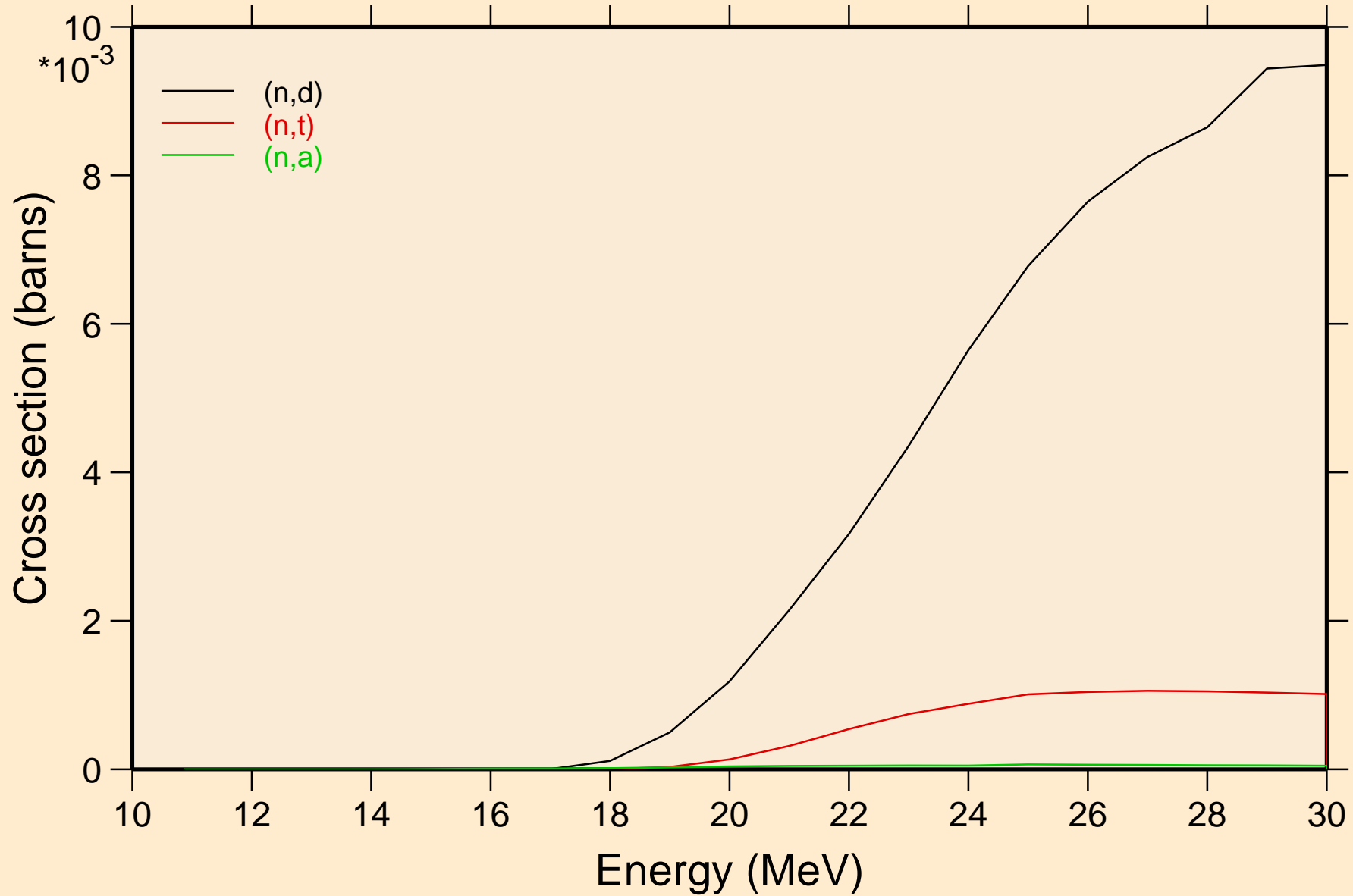
# S040 NRG TENDL-2015, AKONING

## Threshold reactions

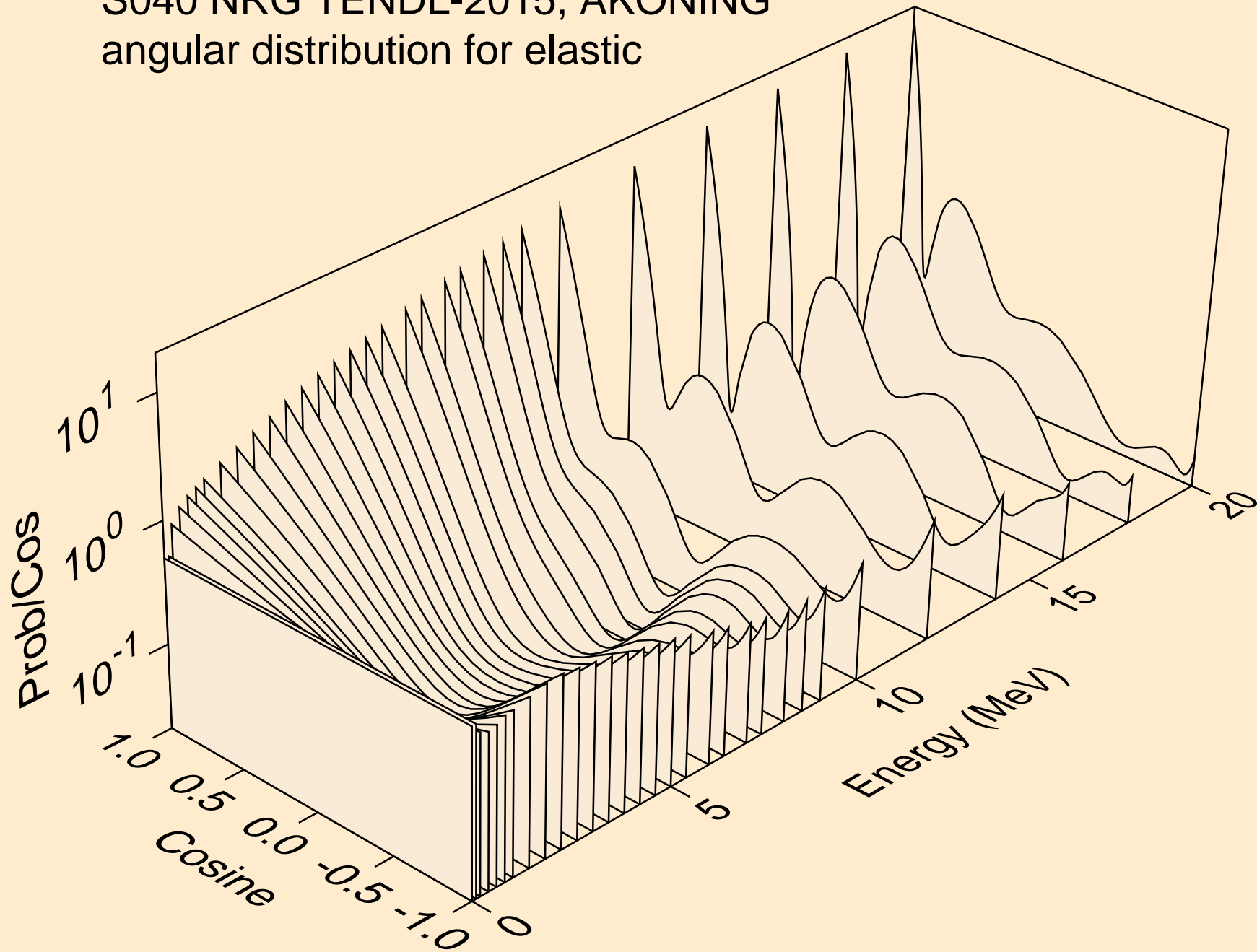


# S040 NRG TENDL-2015, AKONING

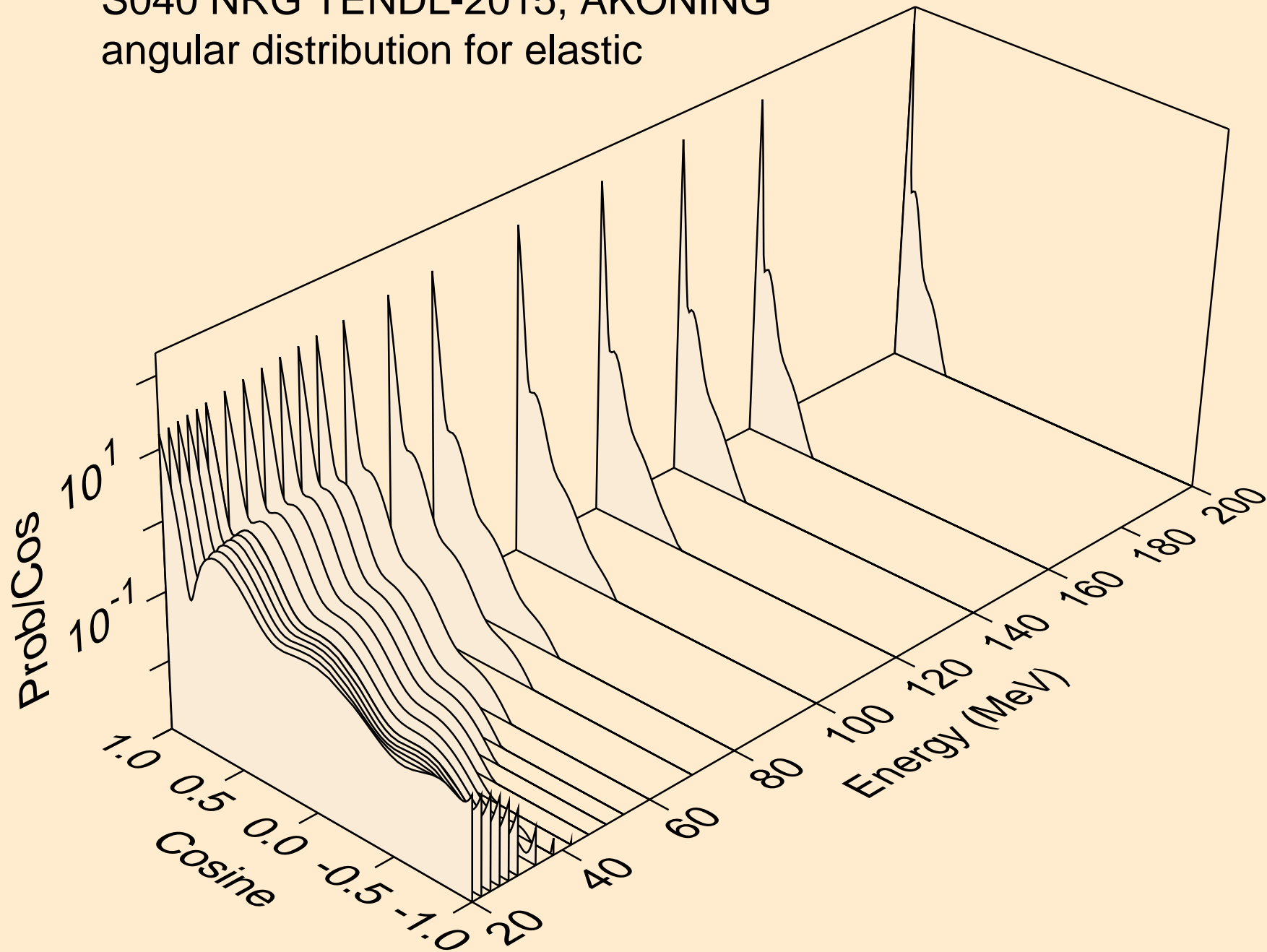
## Threshold reactions



S040 NRG TENDL-2015, AKONING  
angular distribution for elastic

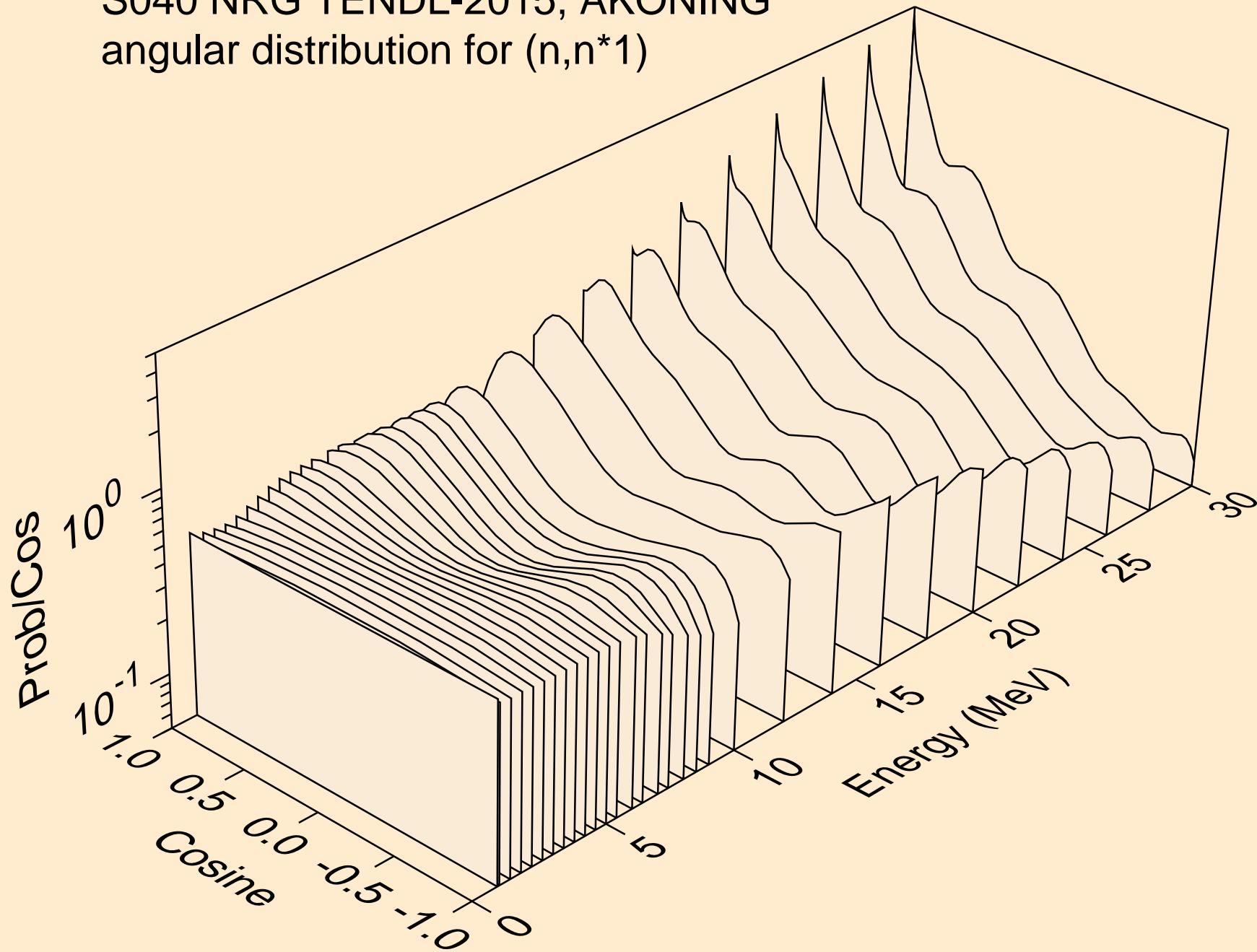


S040 NRG TENDL-2015, AKONING  
angular distribution for elastic

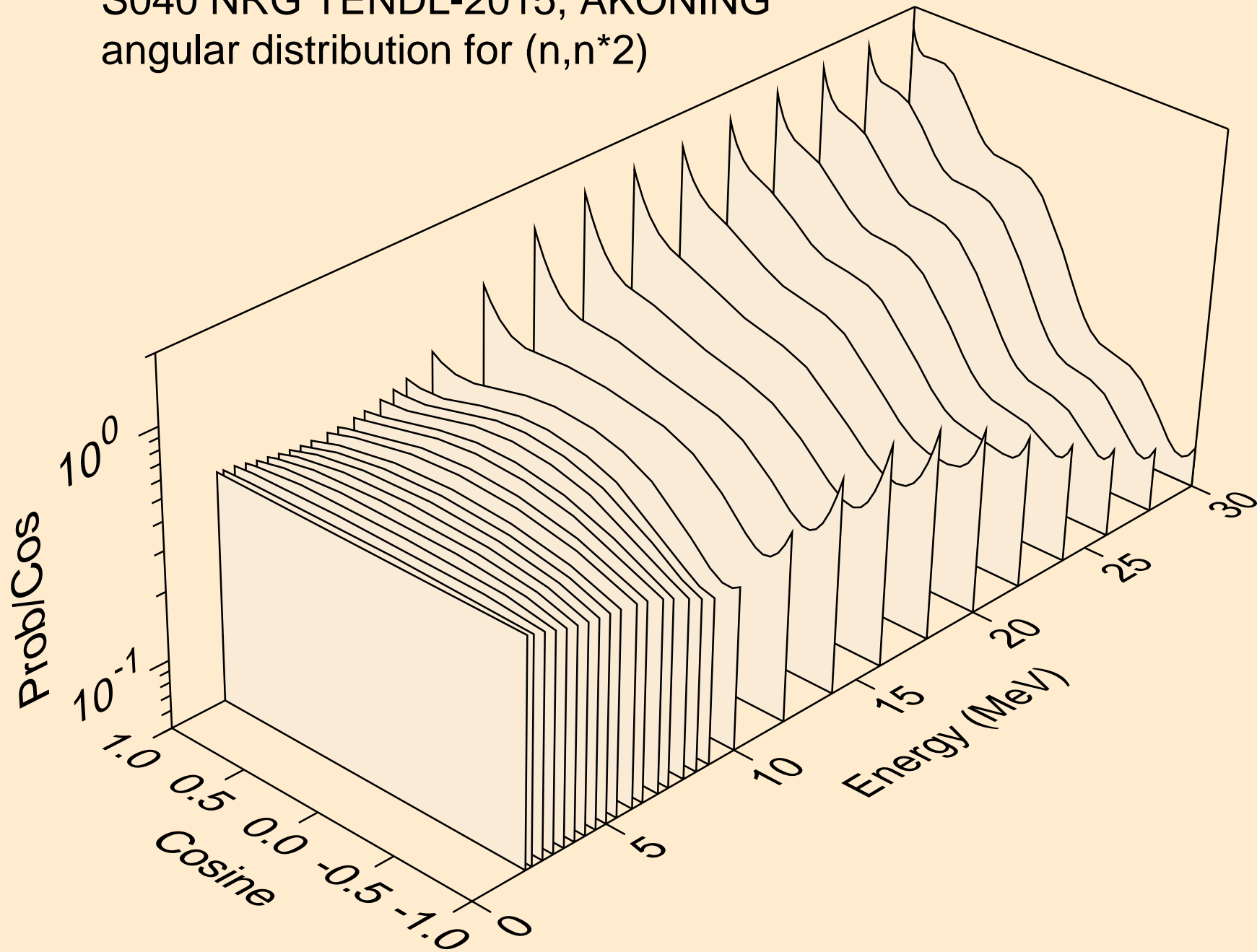




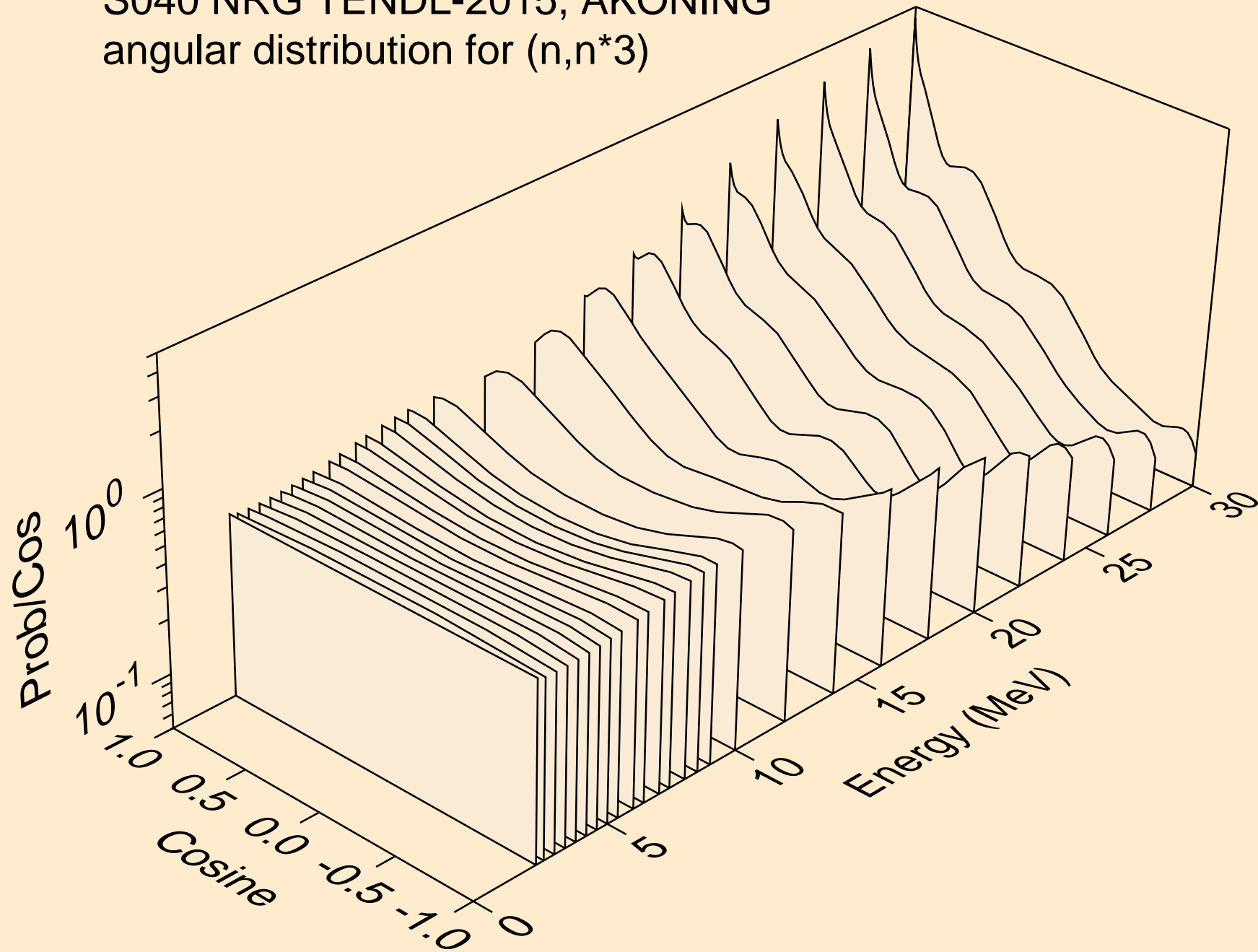
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



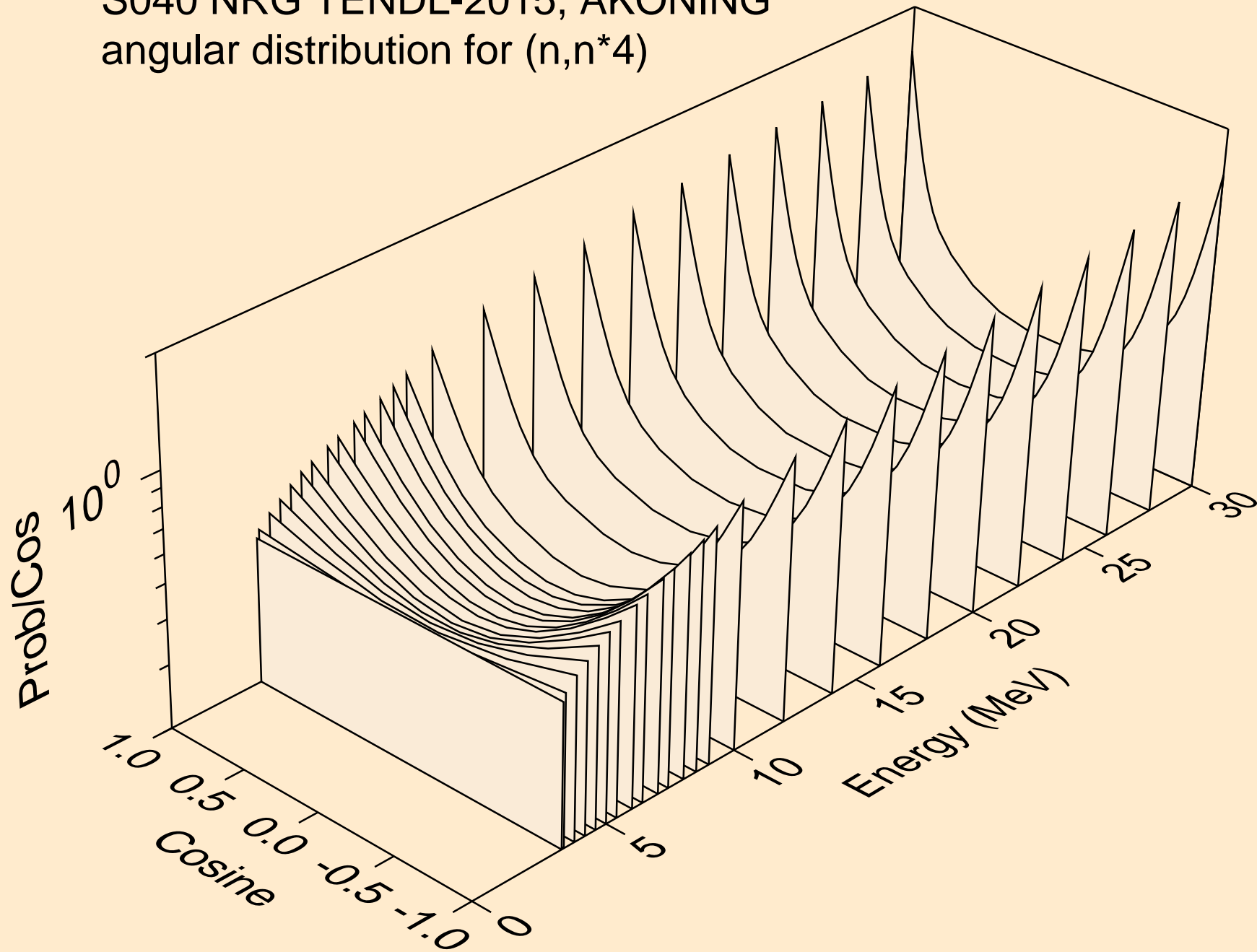
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angular distribution for (n,n\*2)



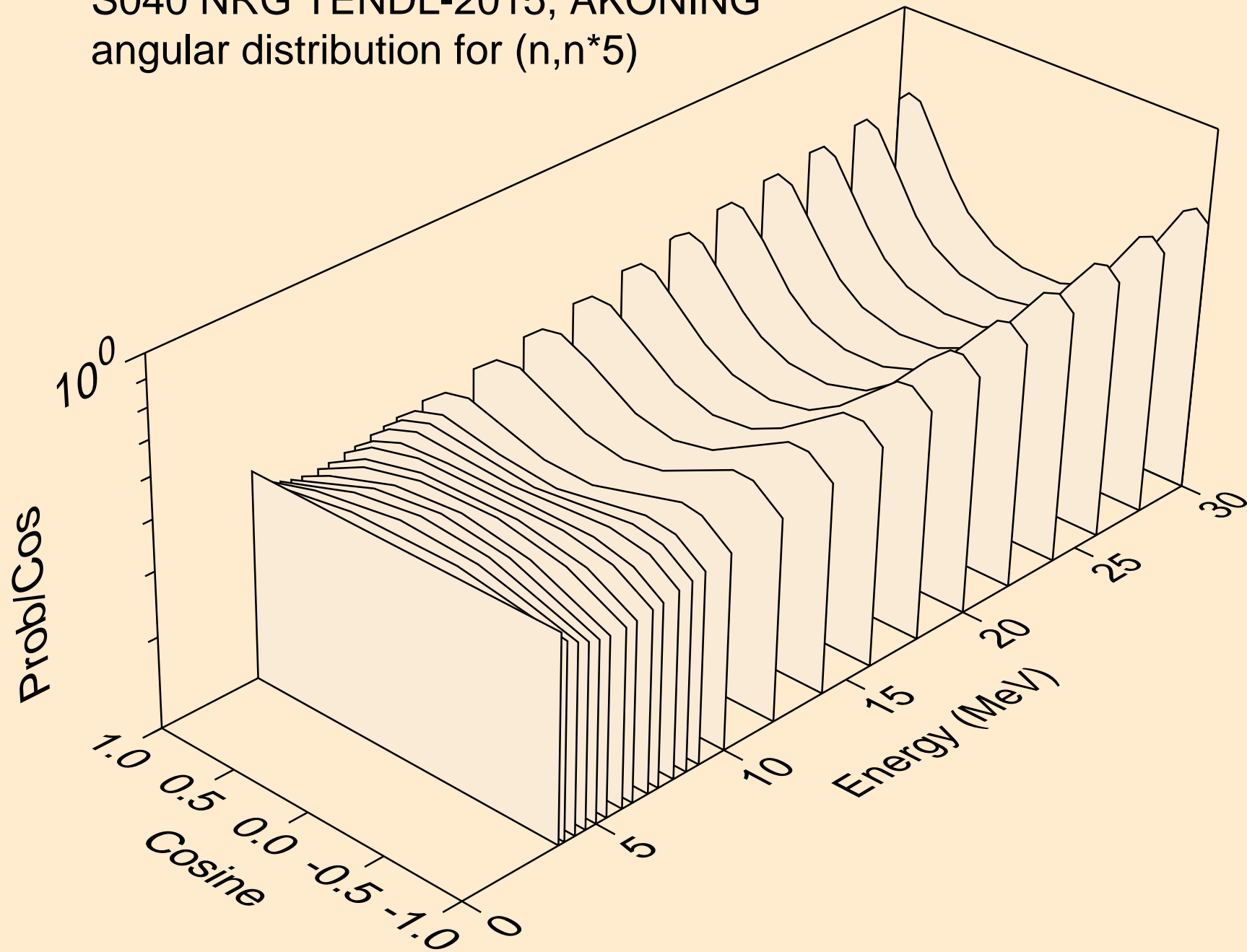
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



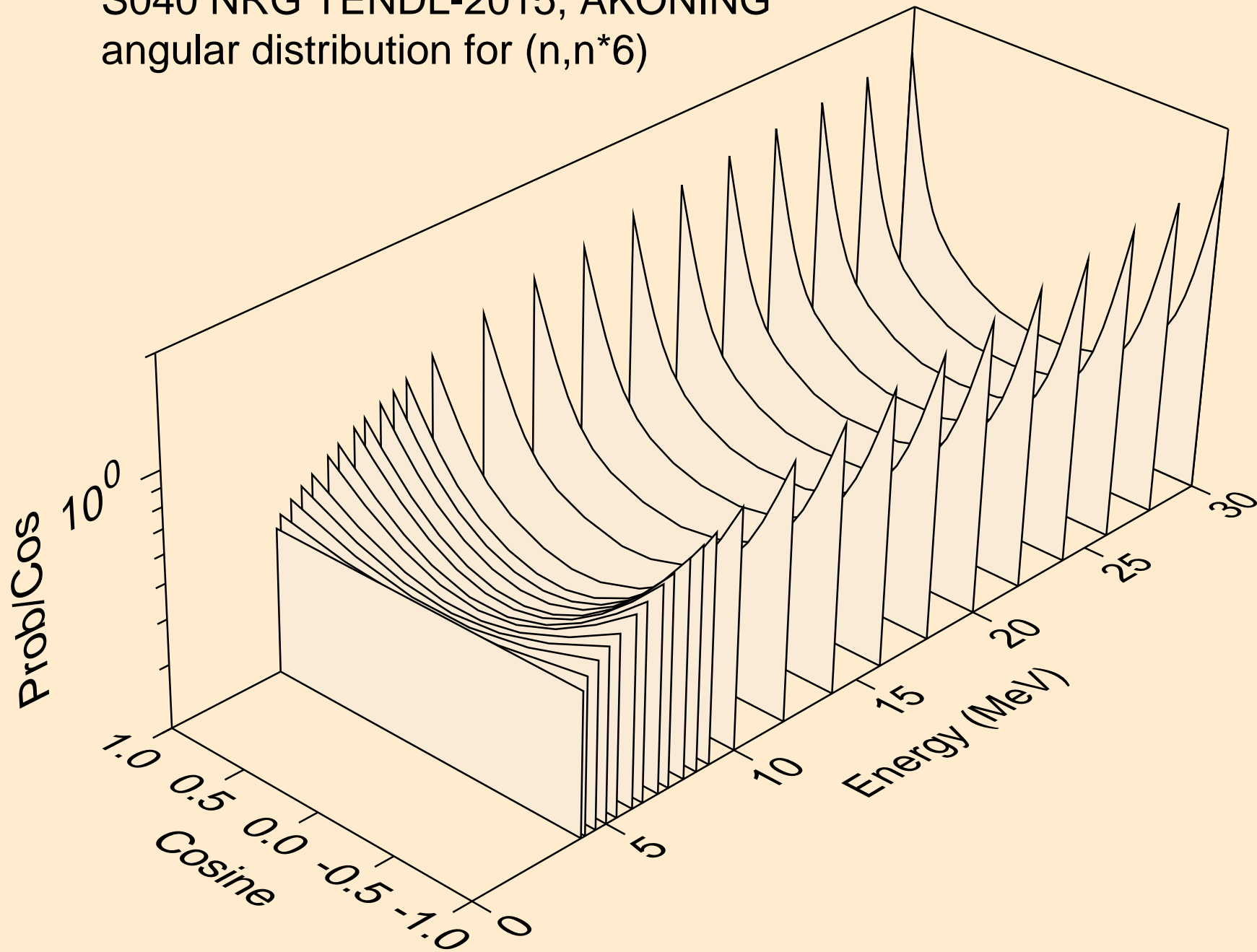
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



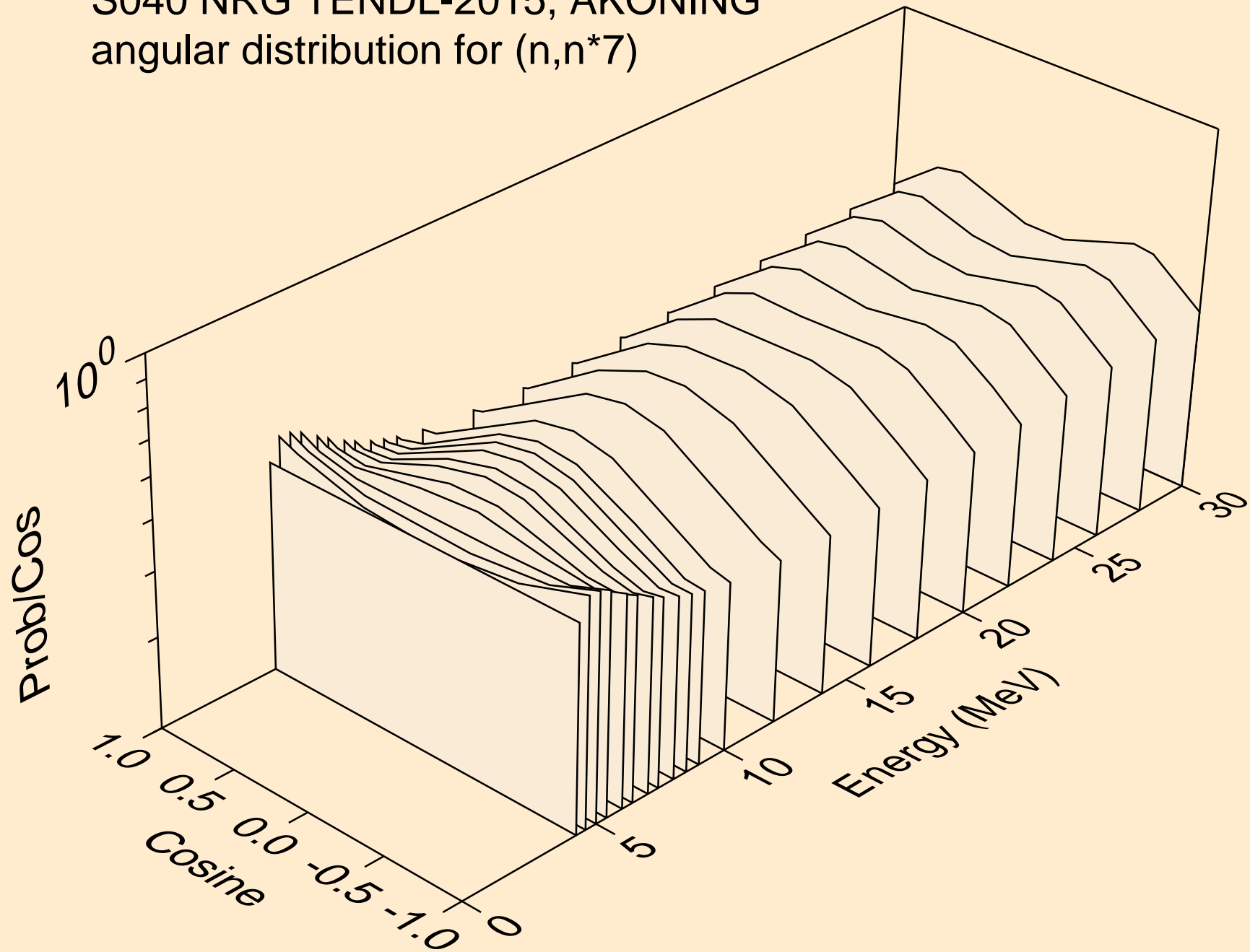
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angular distribution for (n,n\*5)



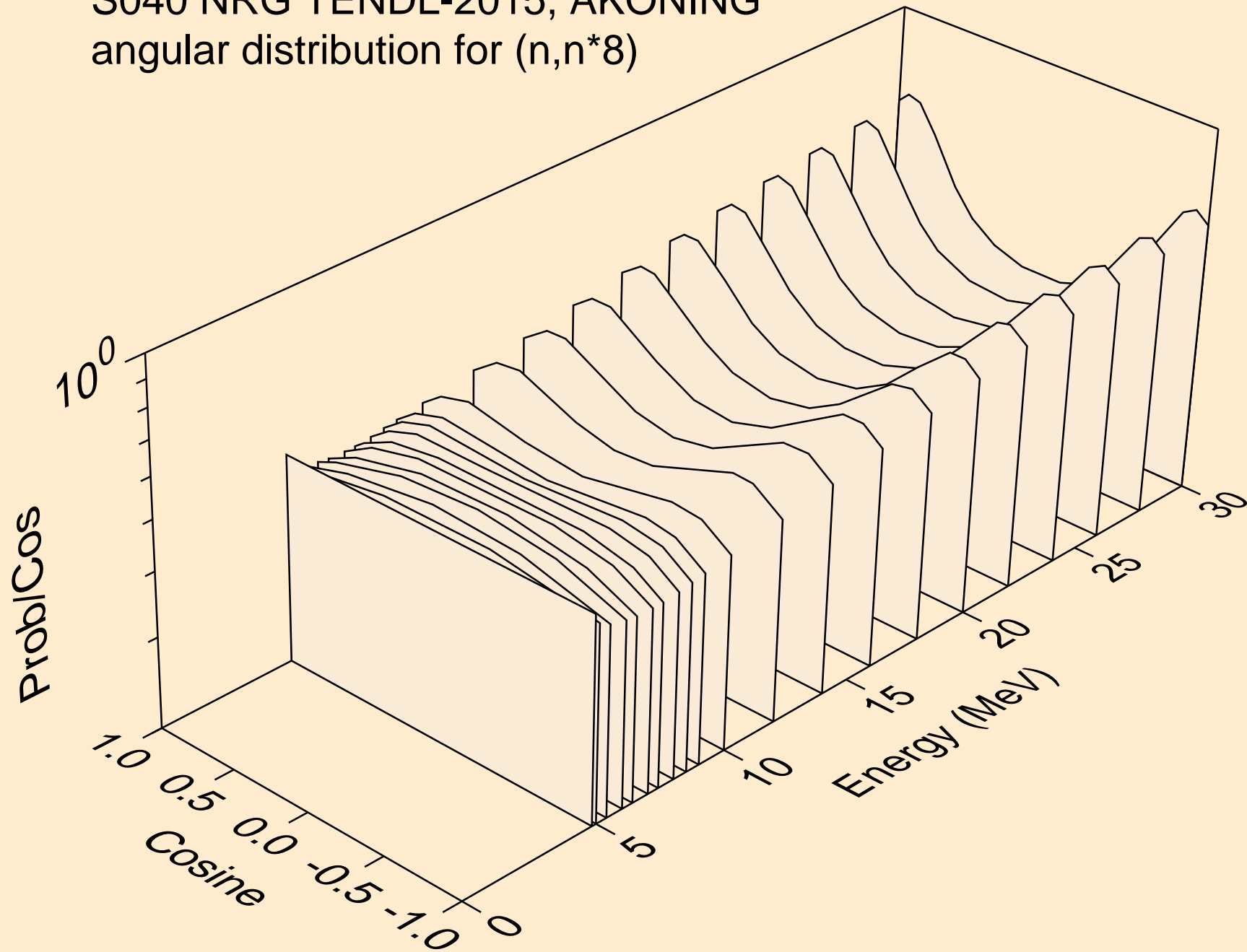
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

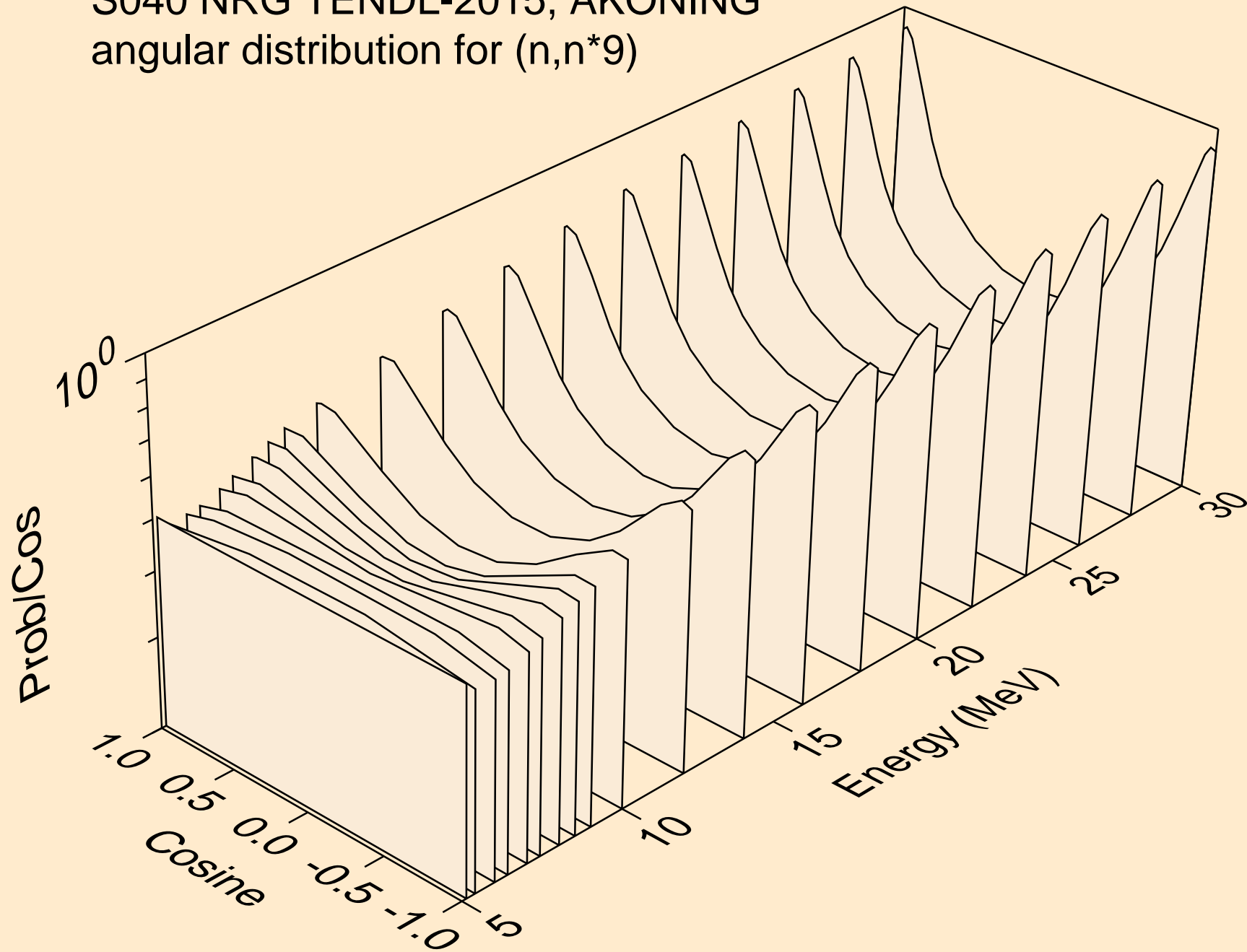


S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

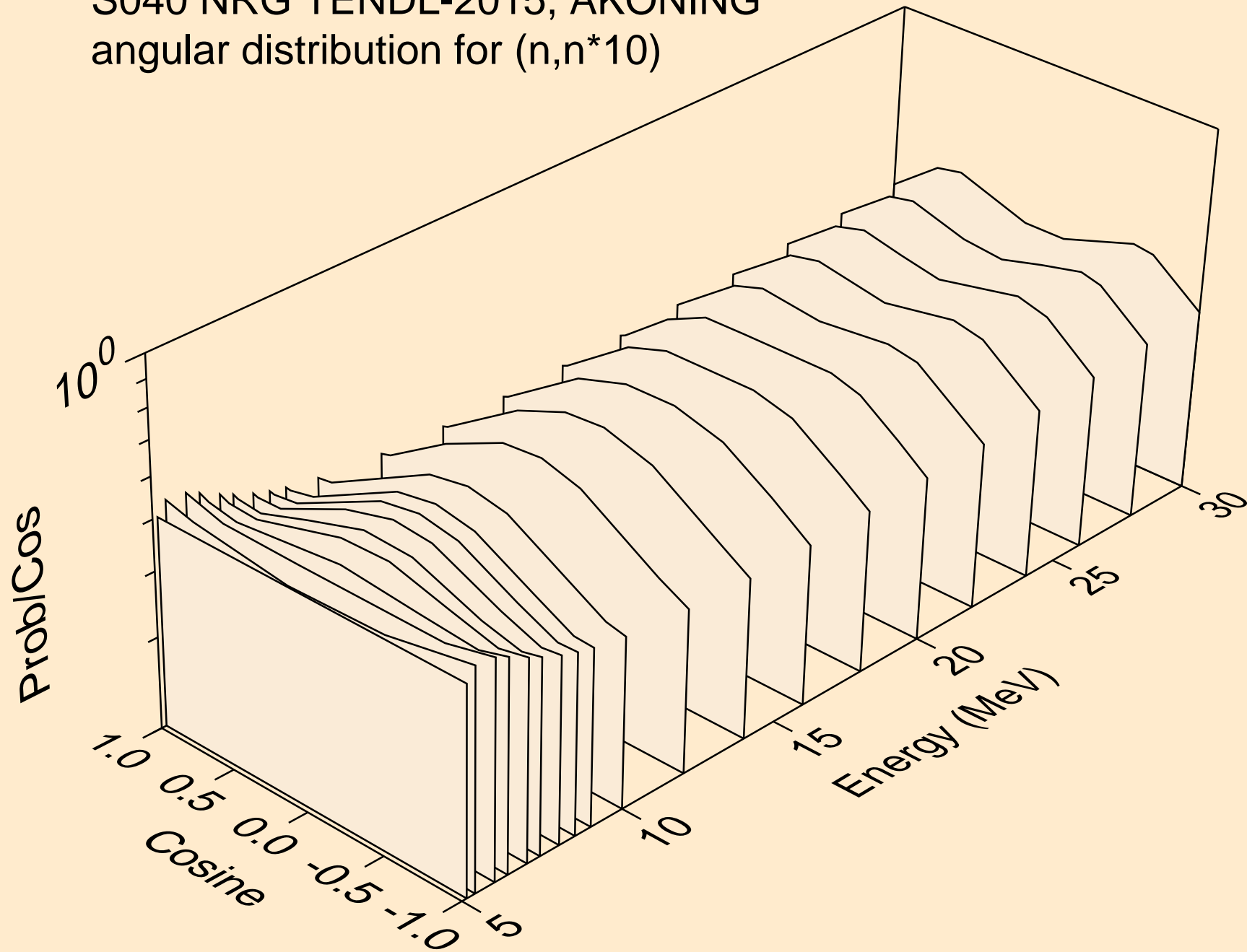




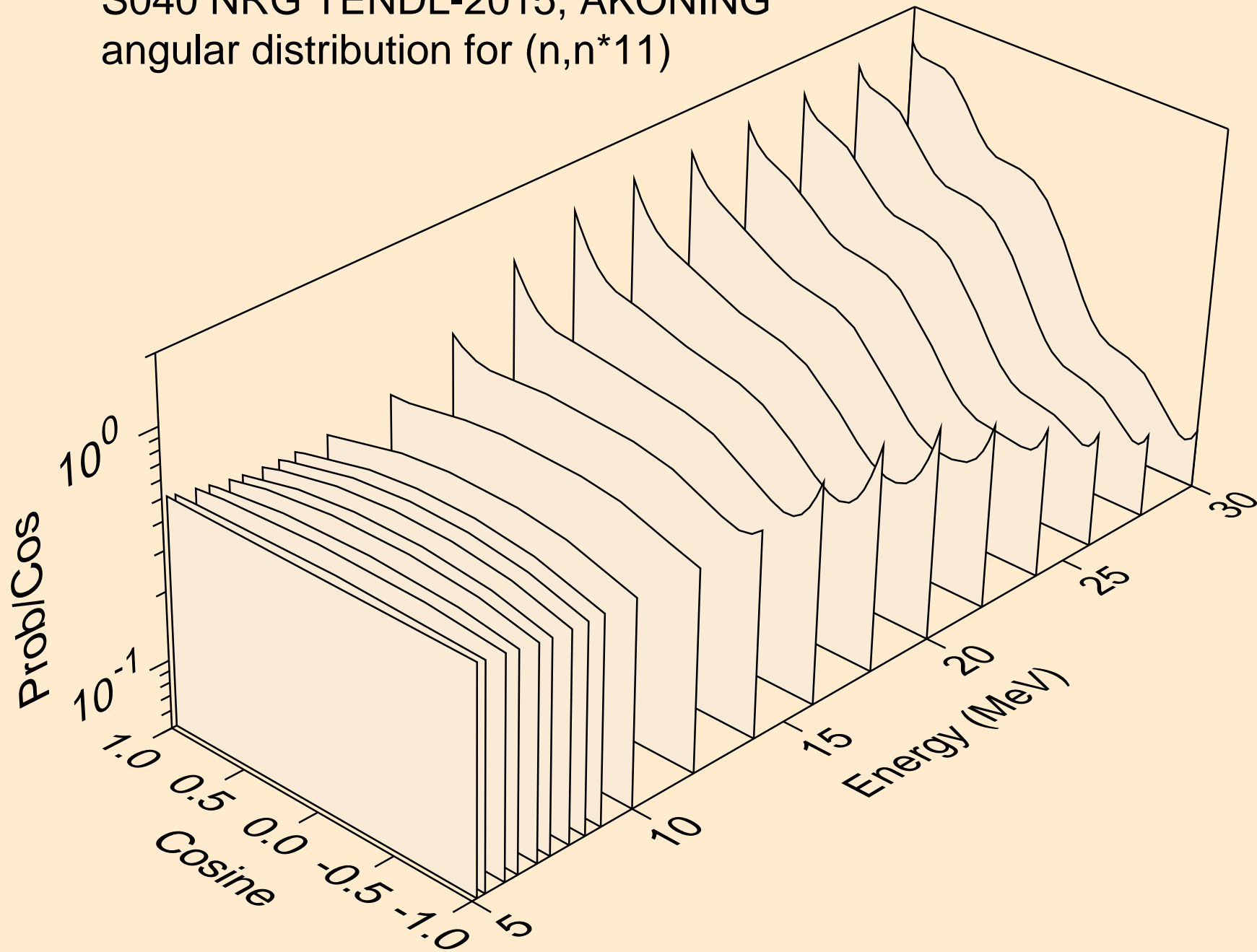
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angular distribution for (n,n\*9)



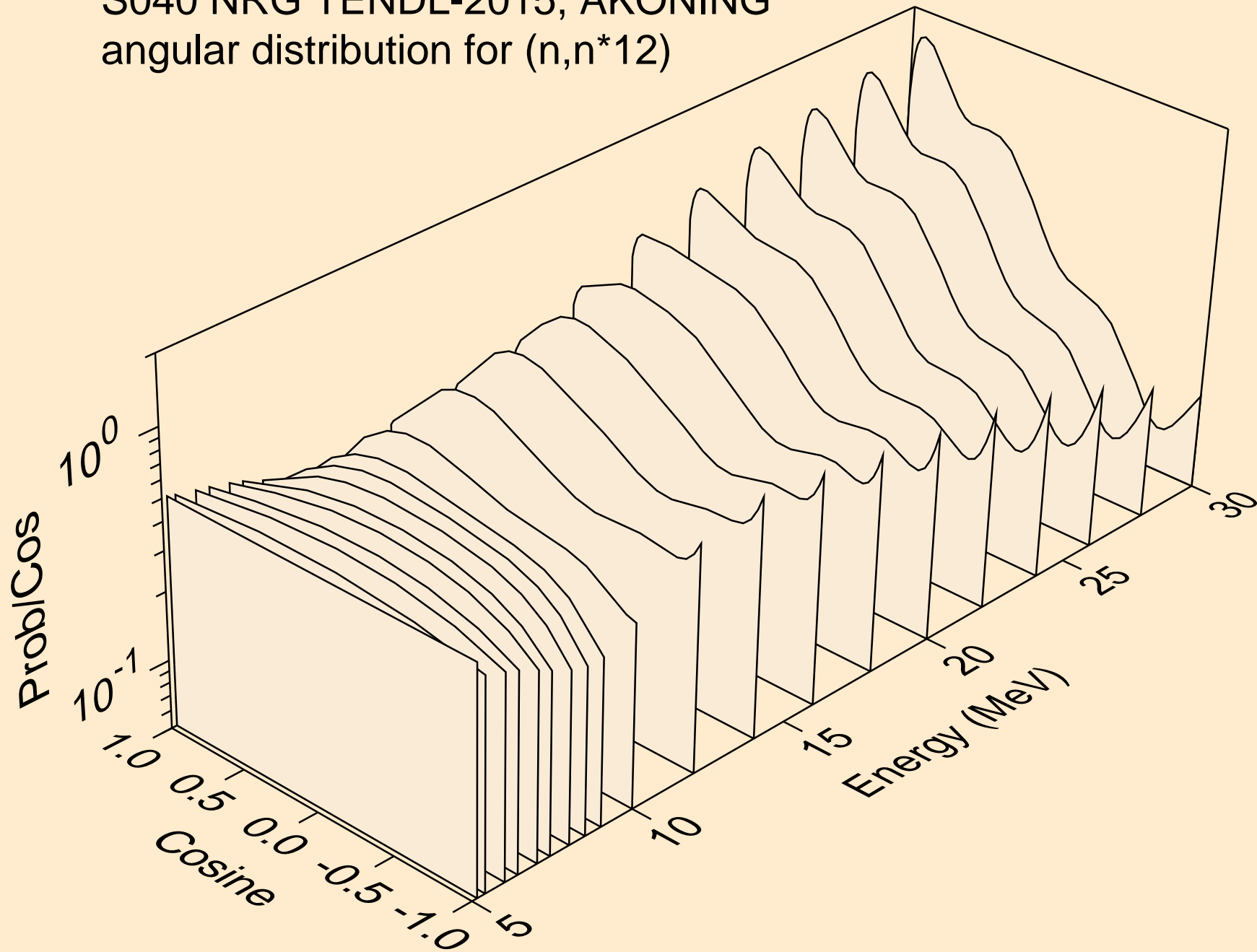
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angular distribution for (n,n\*10)



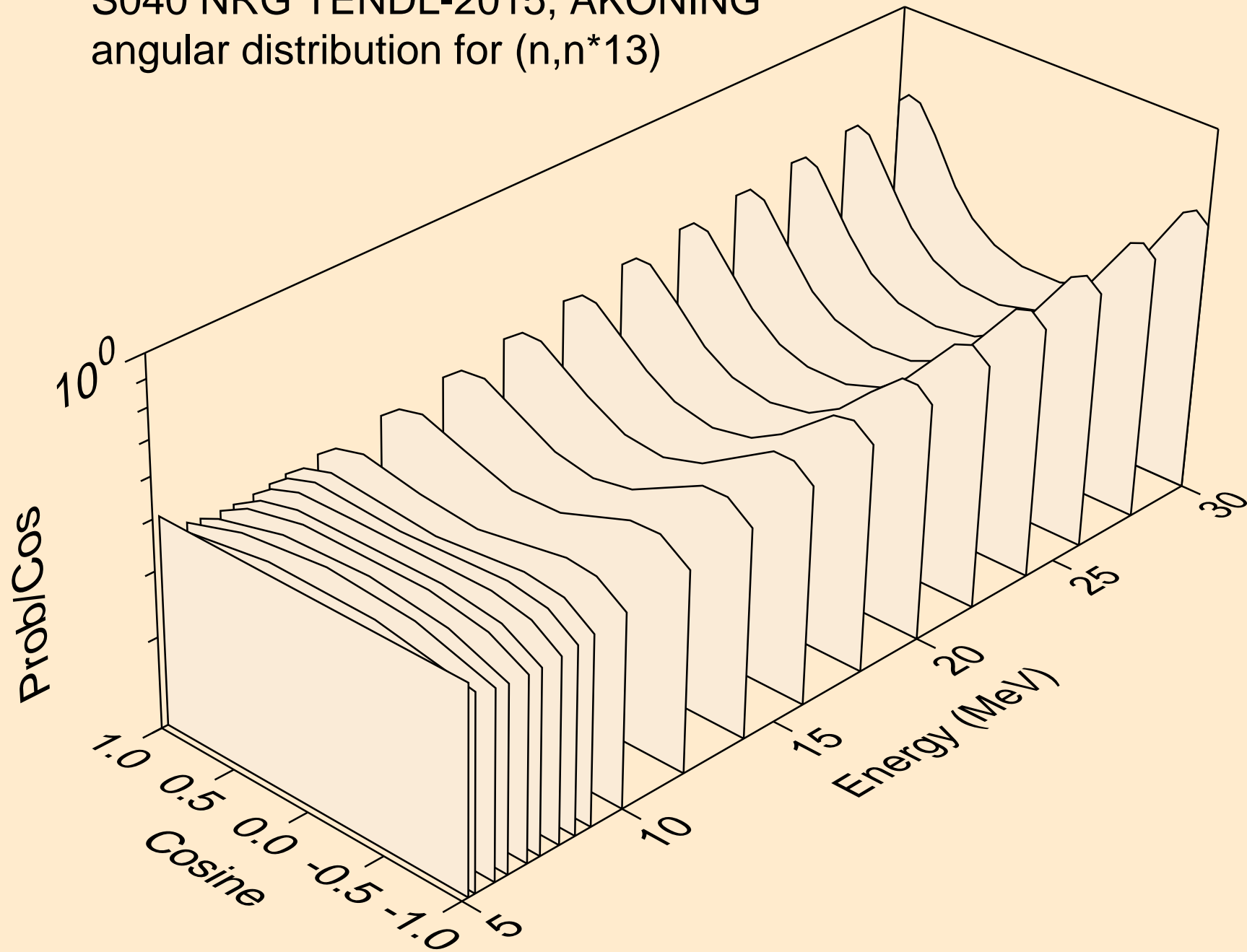
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angular distribution for (n,n\*11)



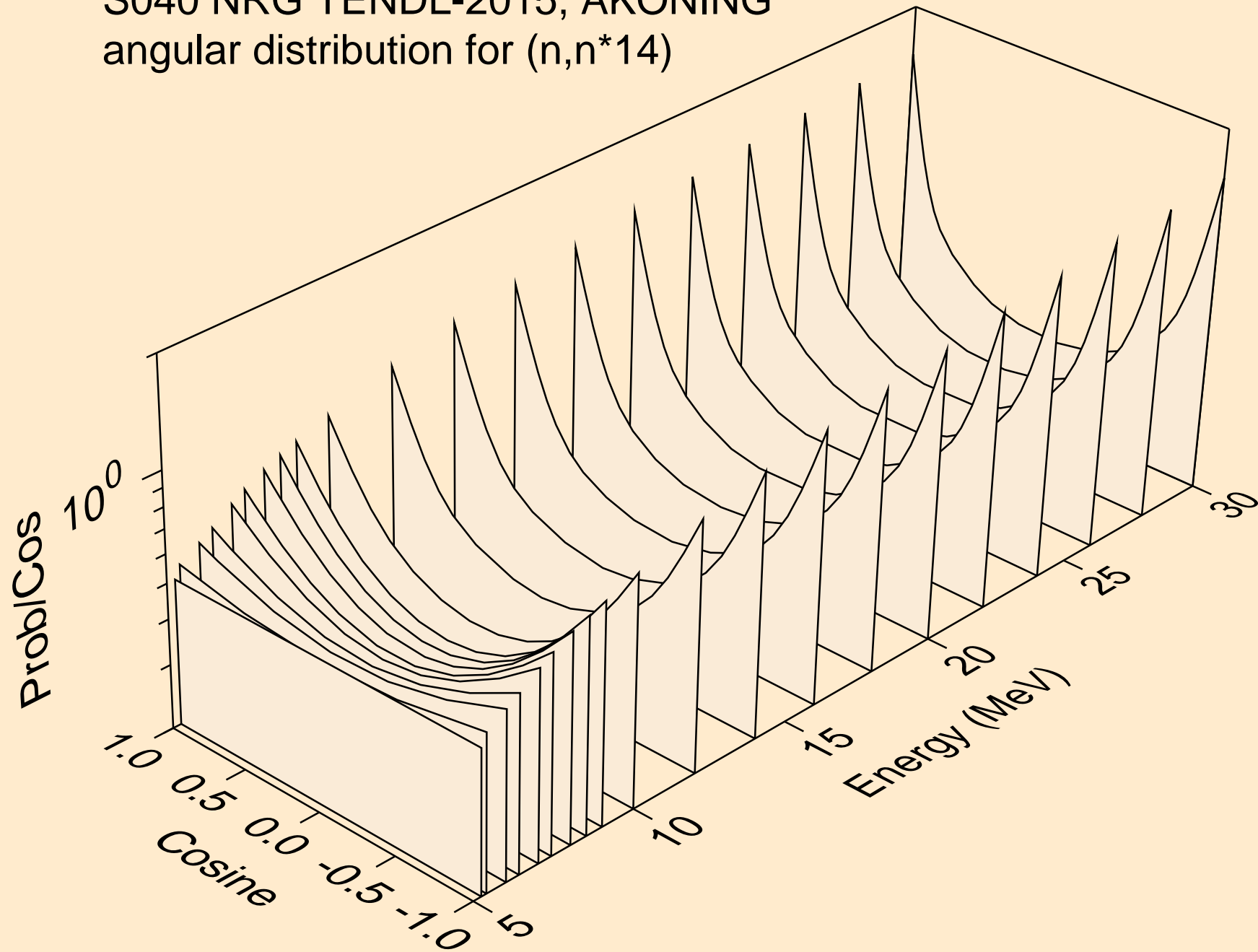
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



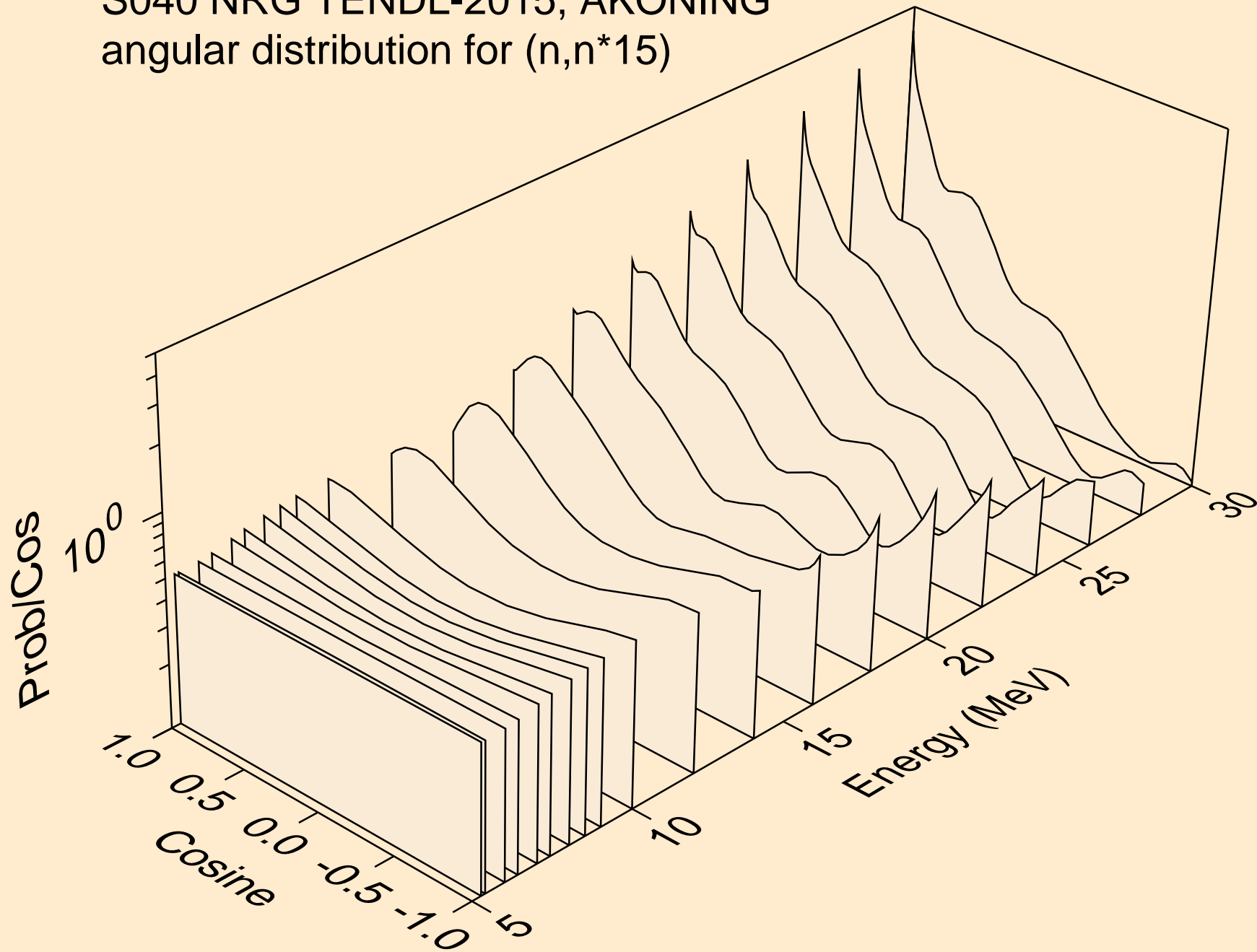
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angular distribution for (n,n\*13)



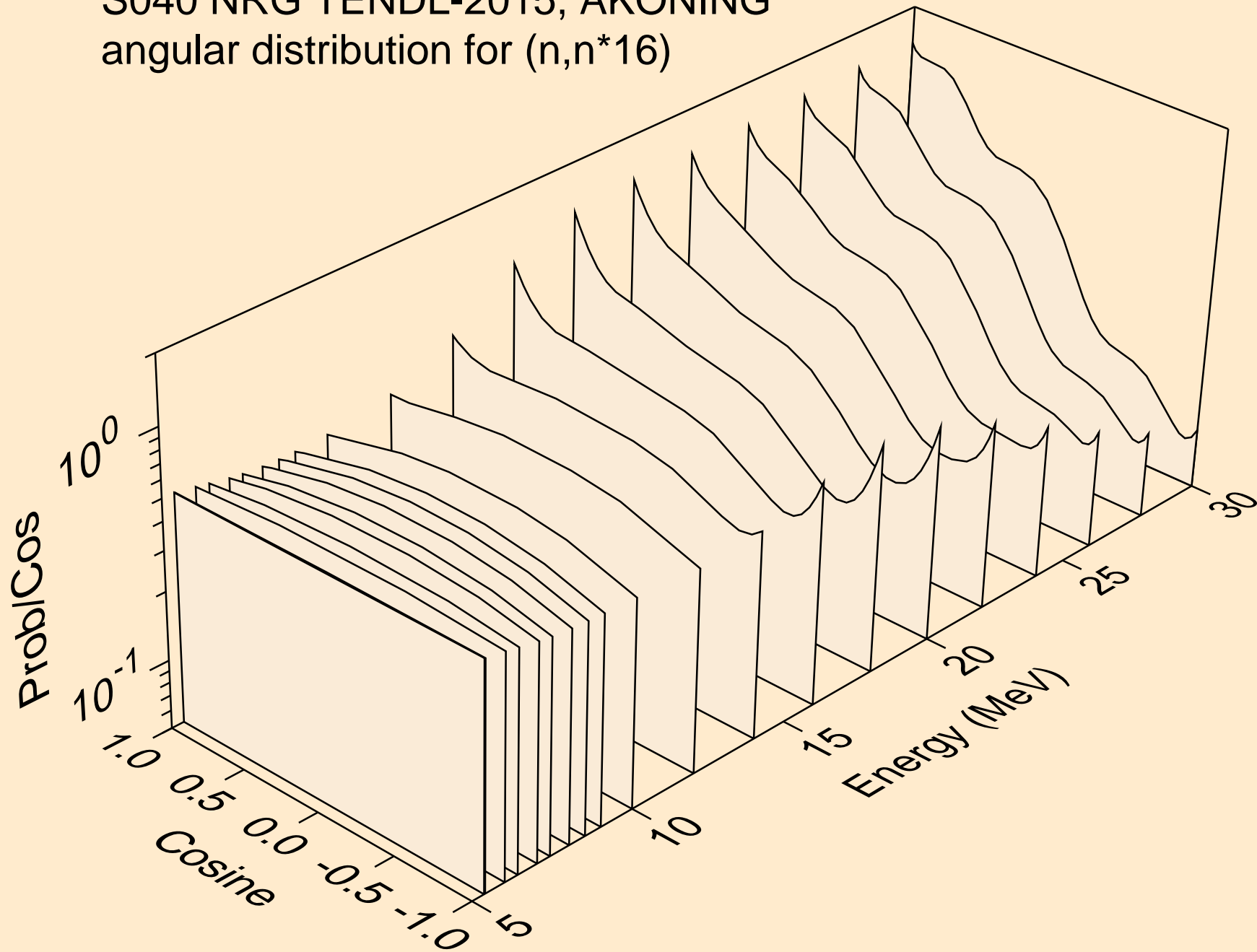
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

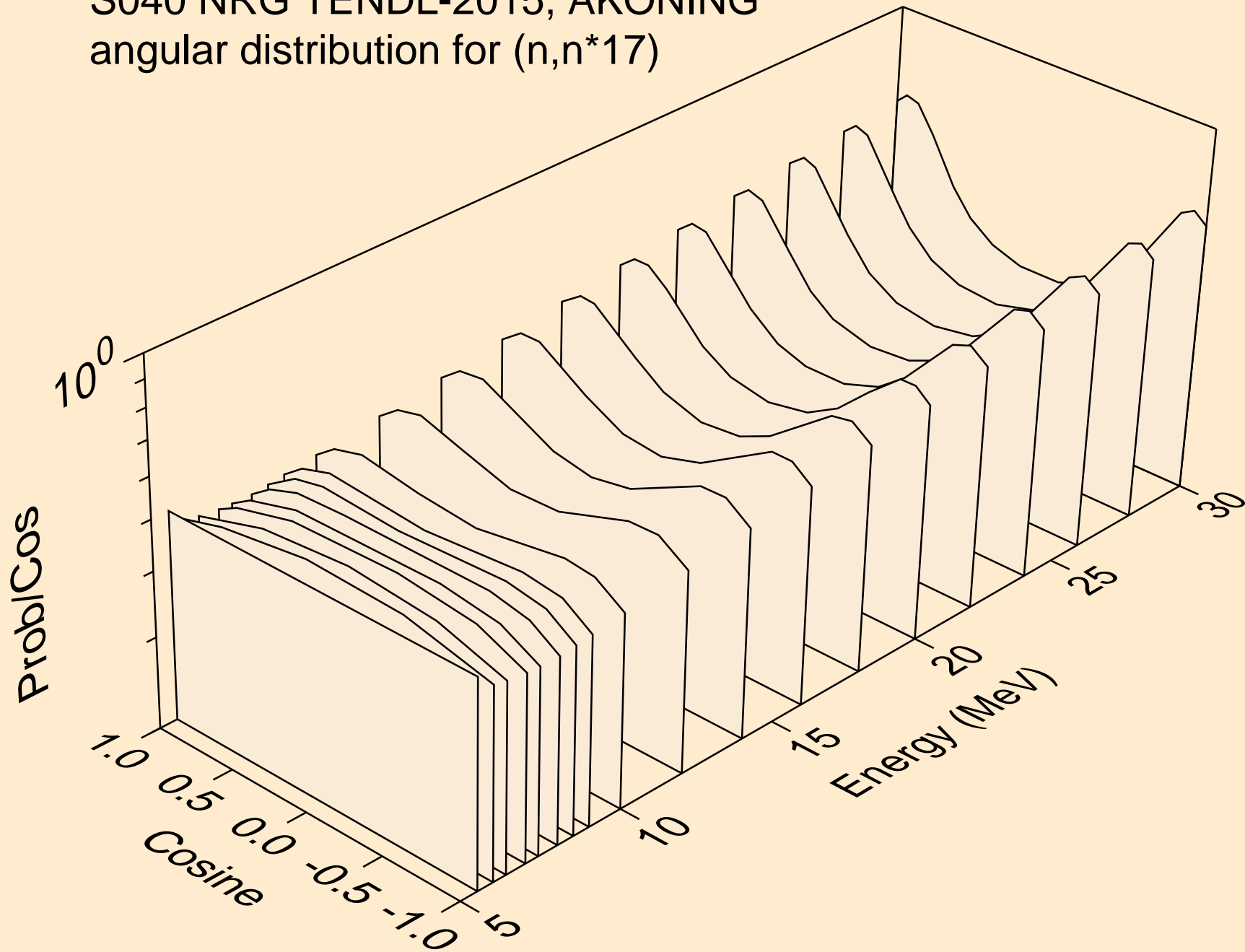


S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

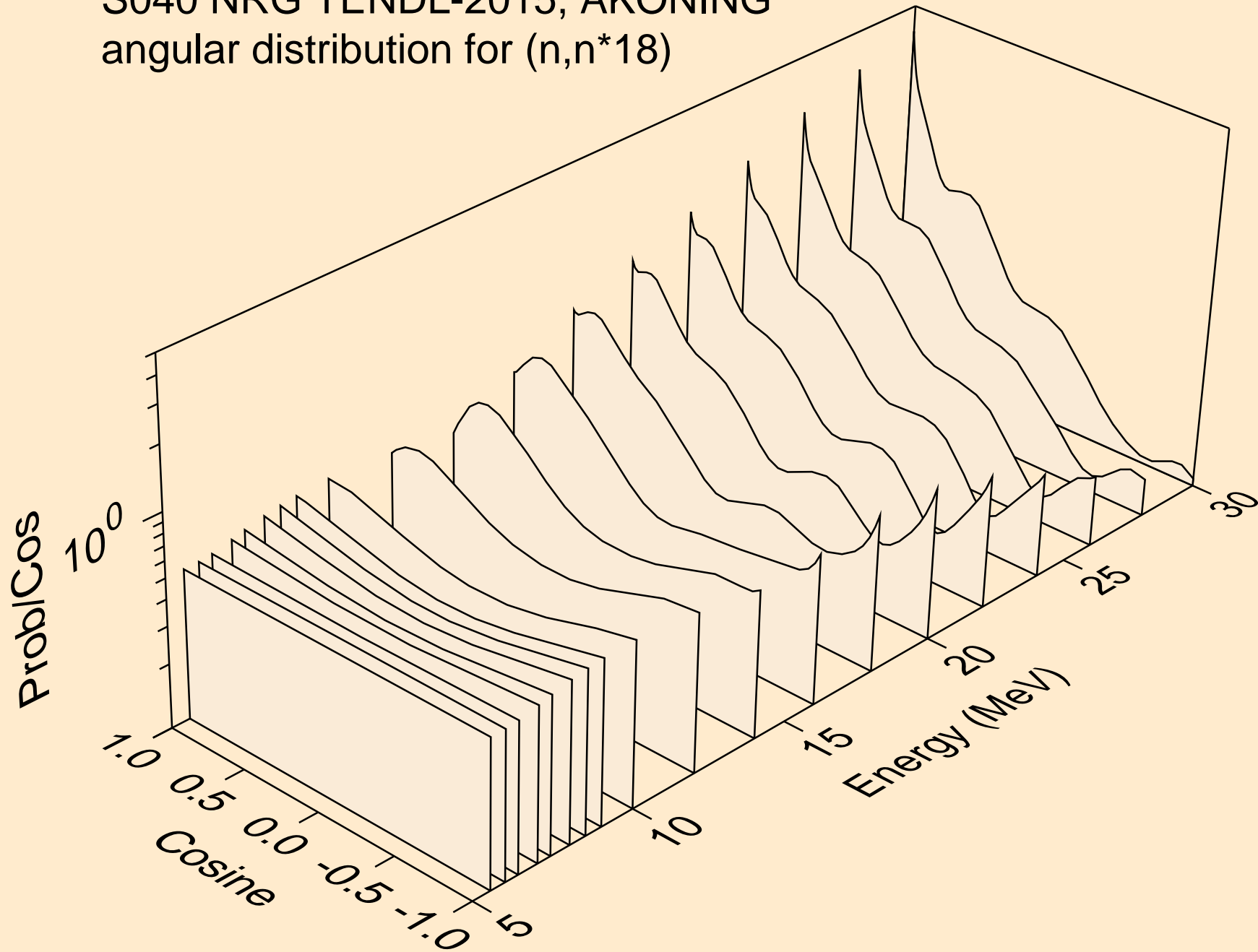




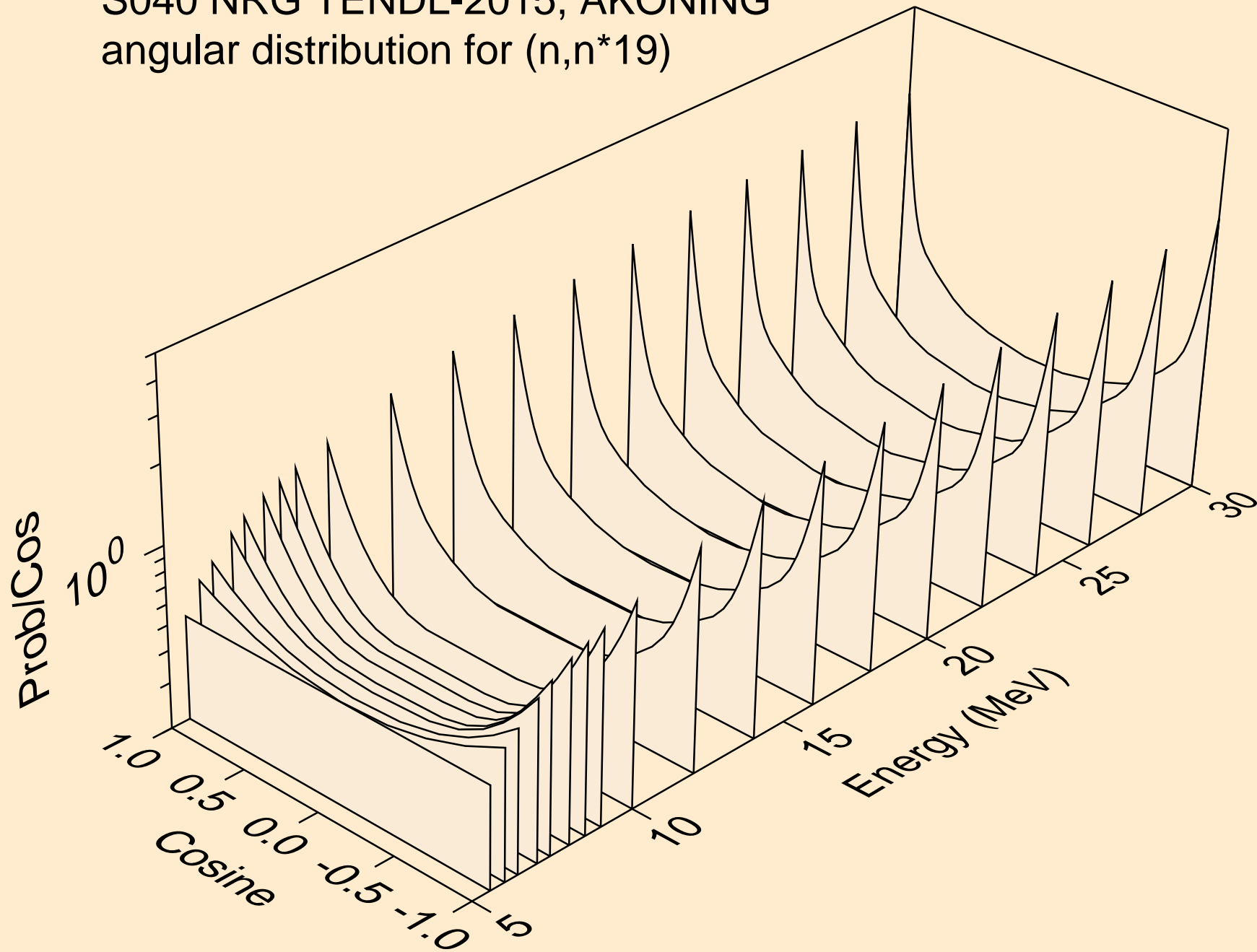
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angular distribution for (n,n\*17)



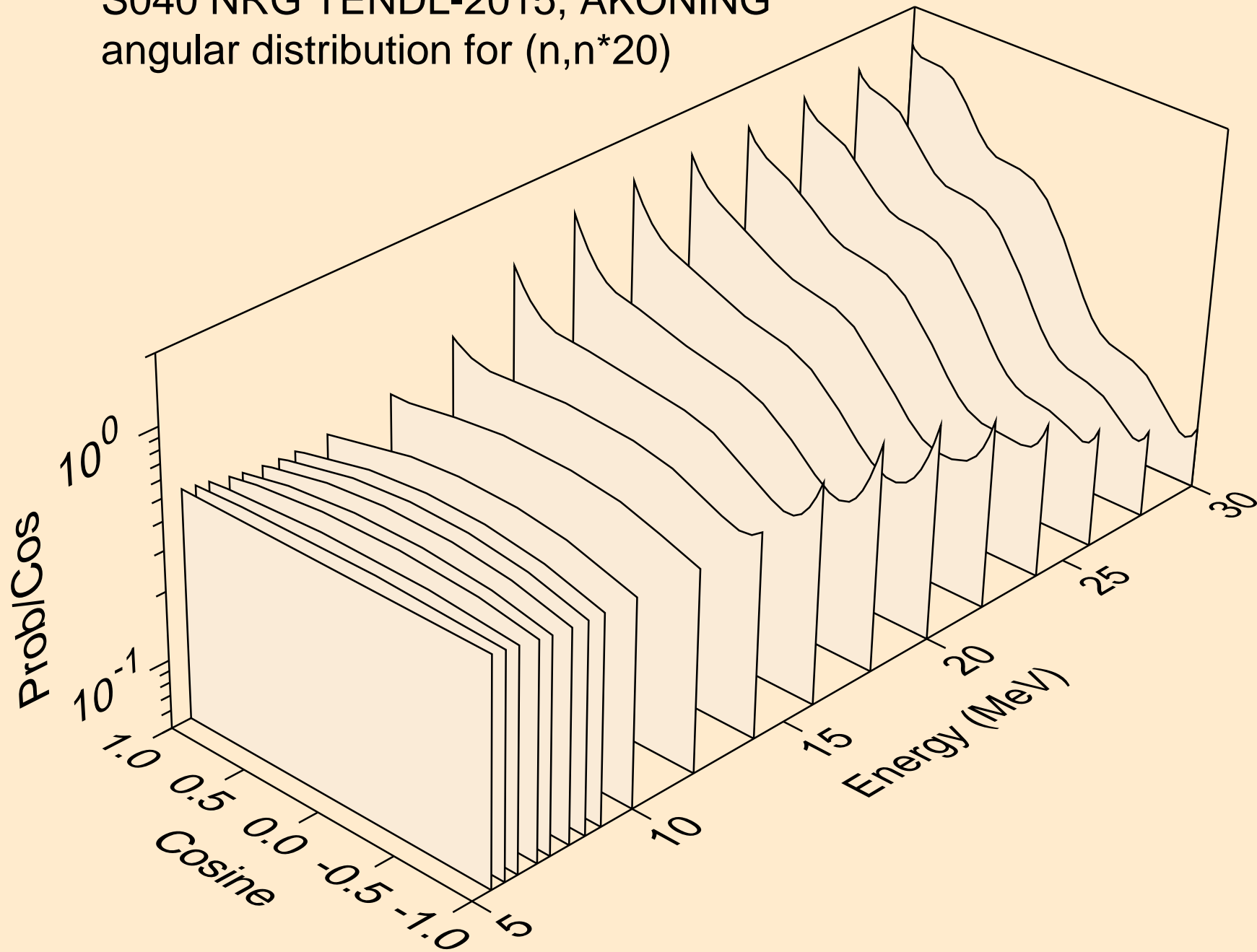
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angular distribution for (n,n\*18)



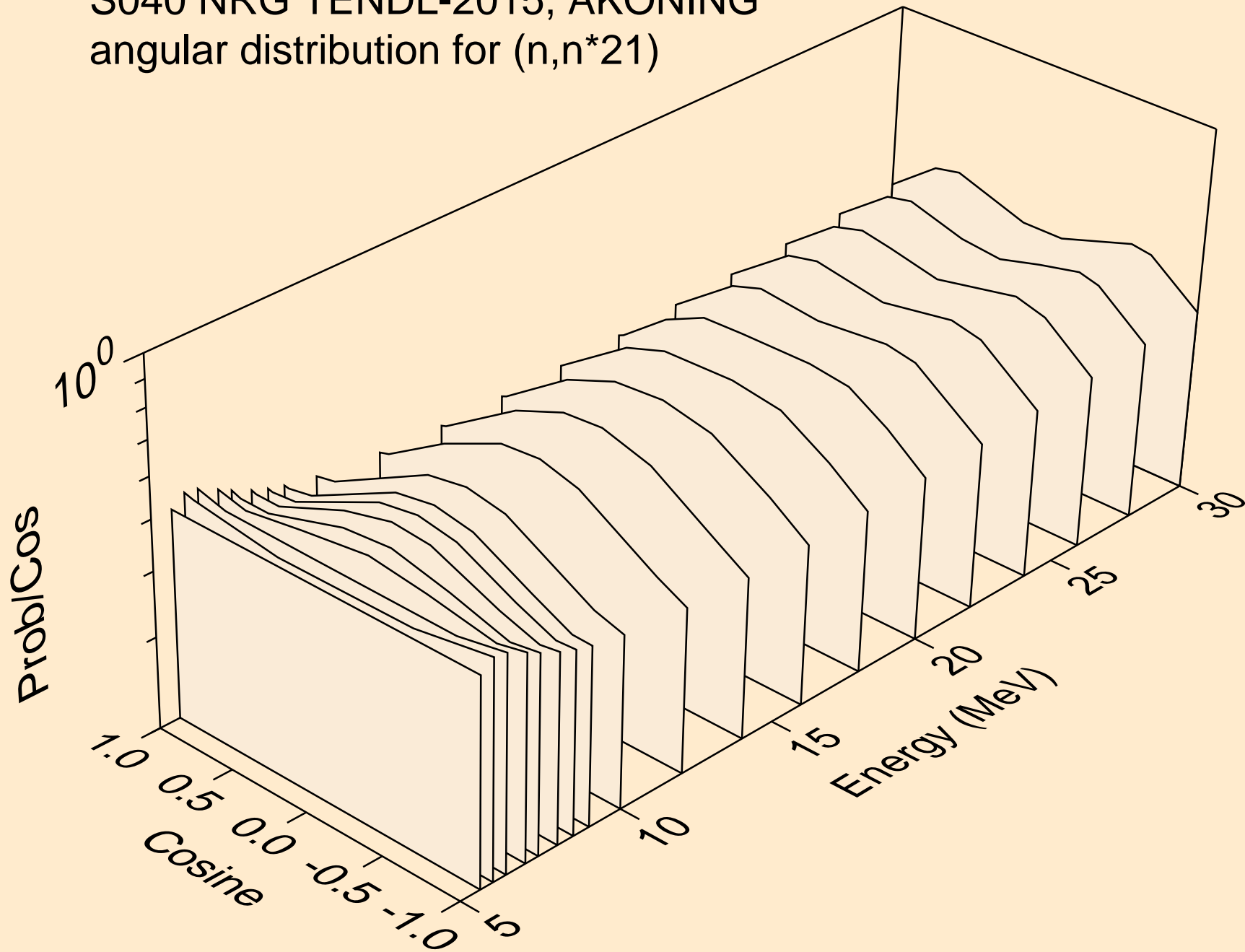
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angular distribution for (n,n\*19)



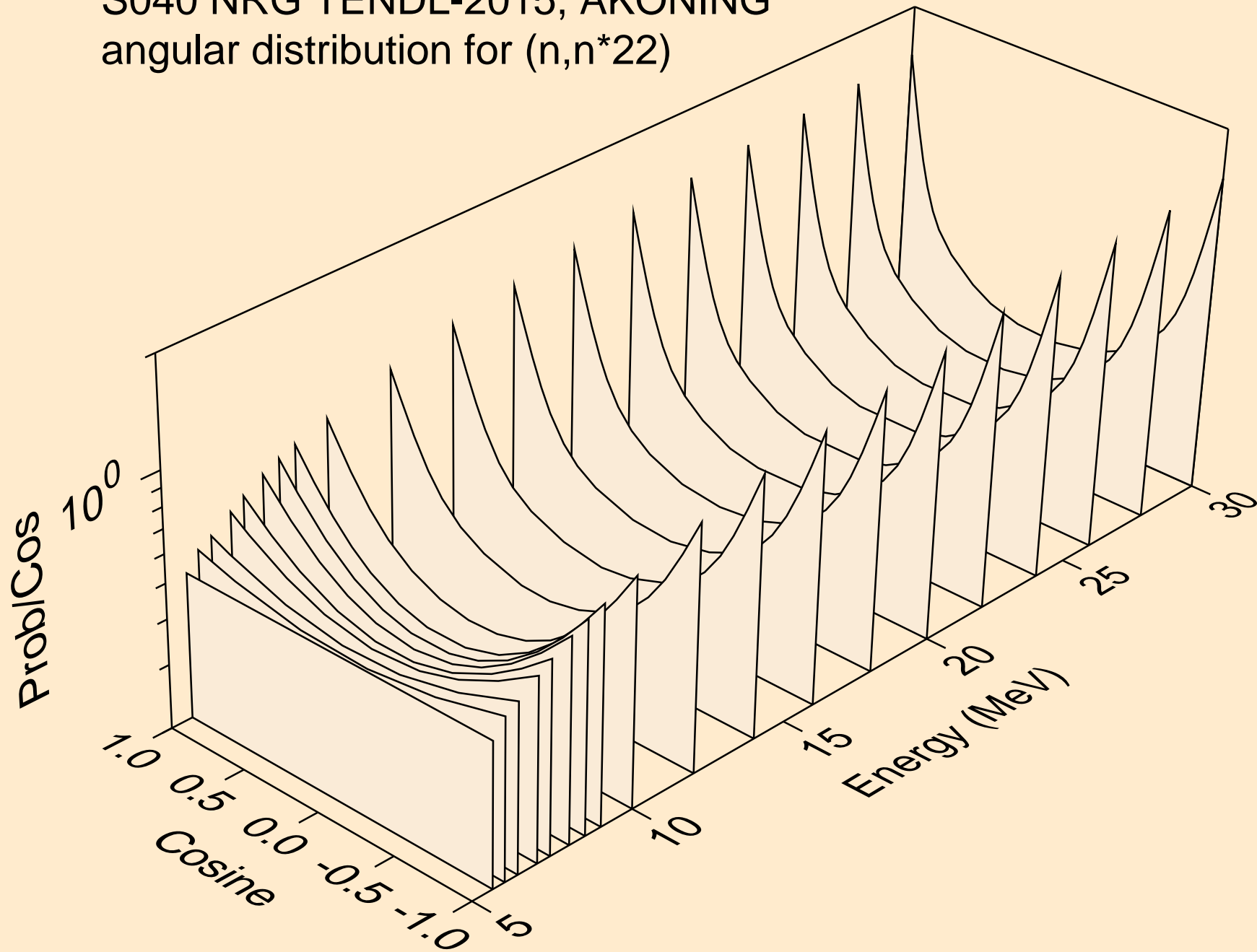
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angular distribution for (n,n\*20)



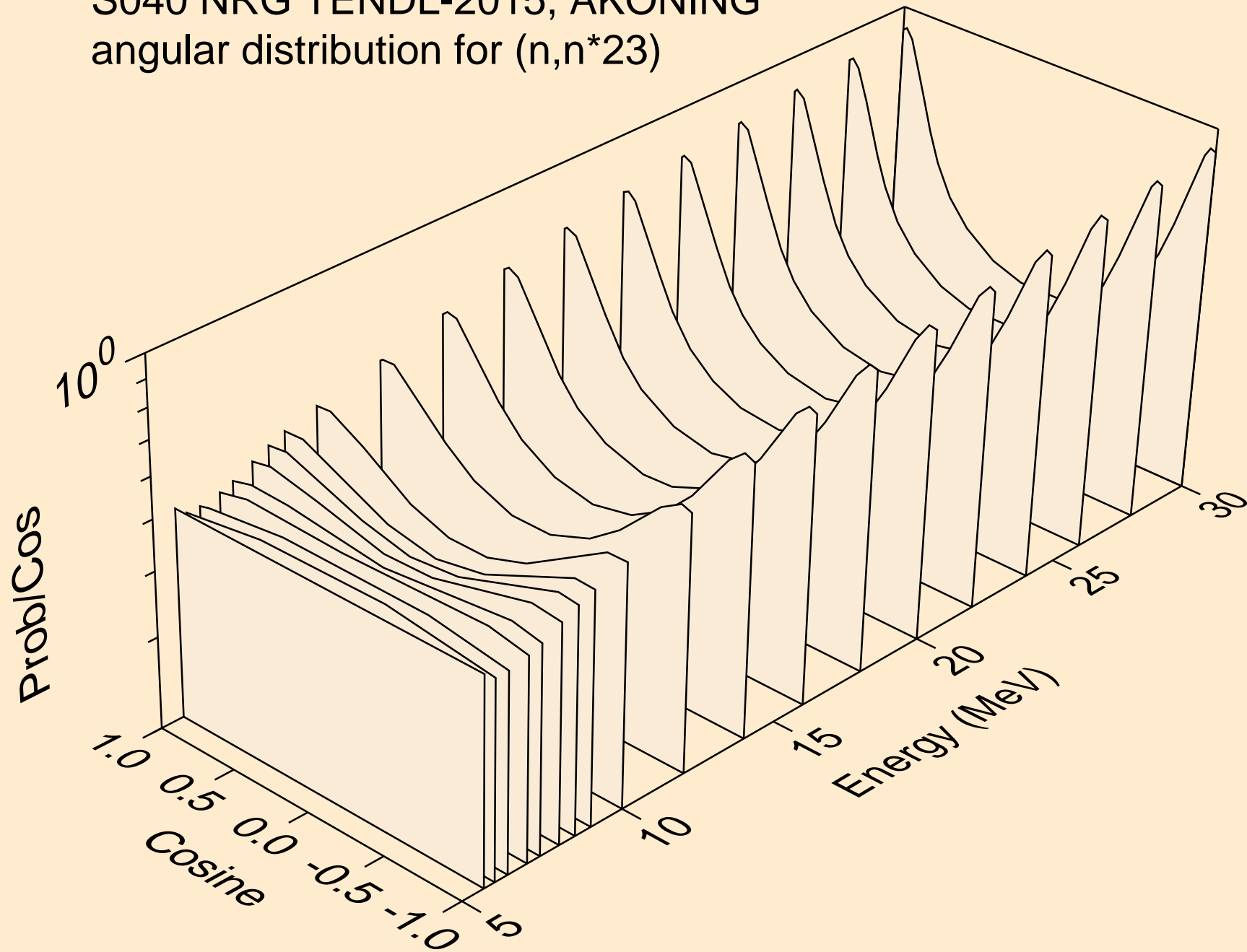
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



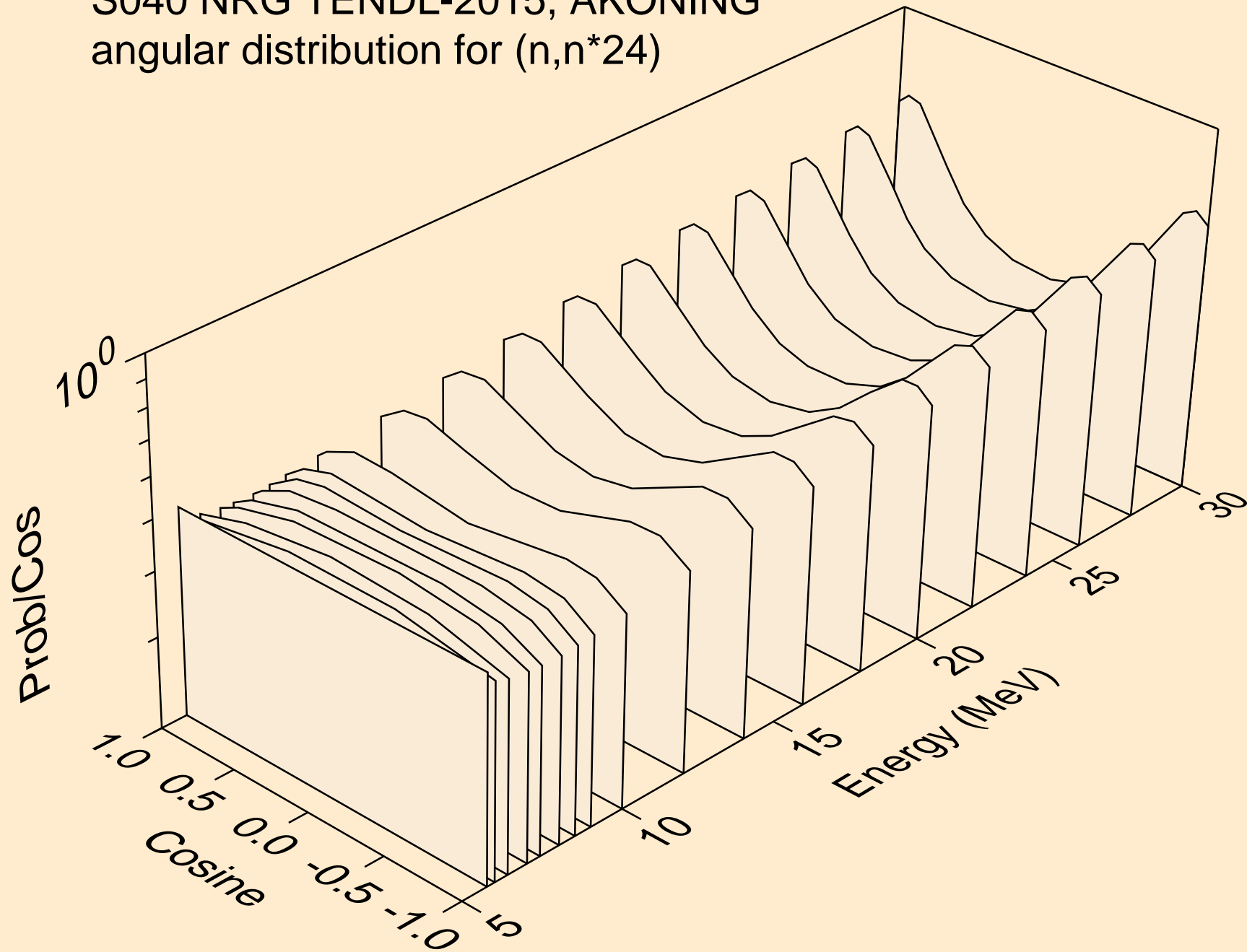
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

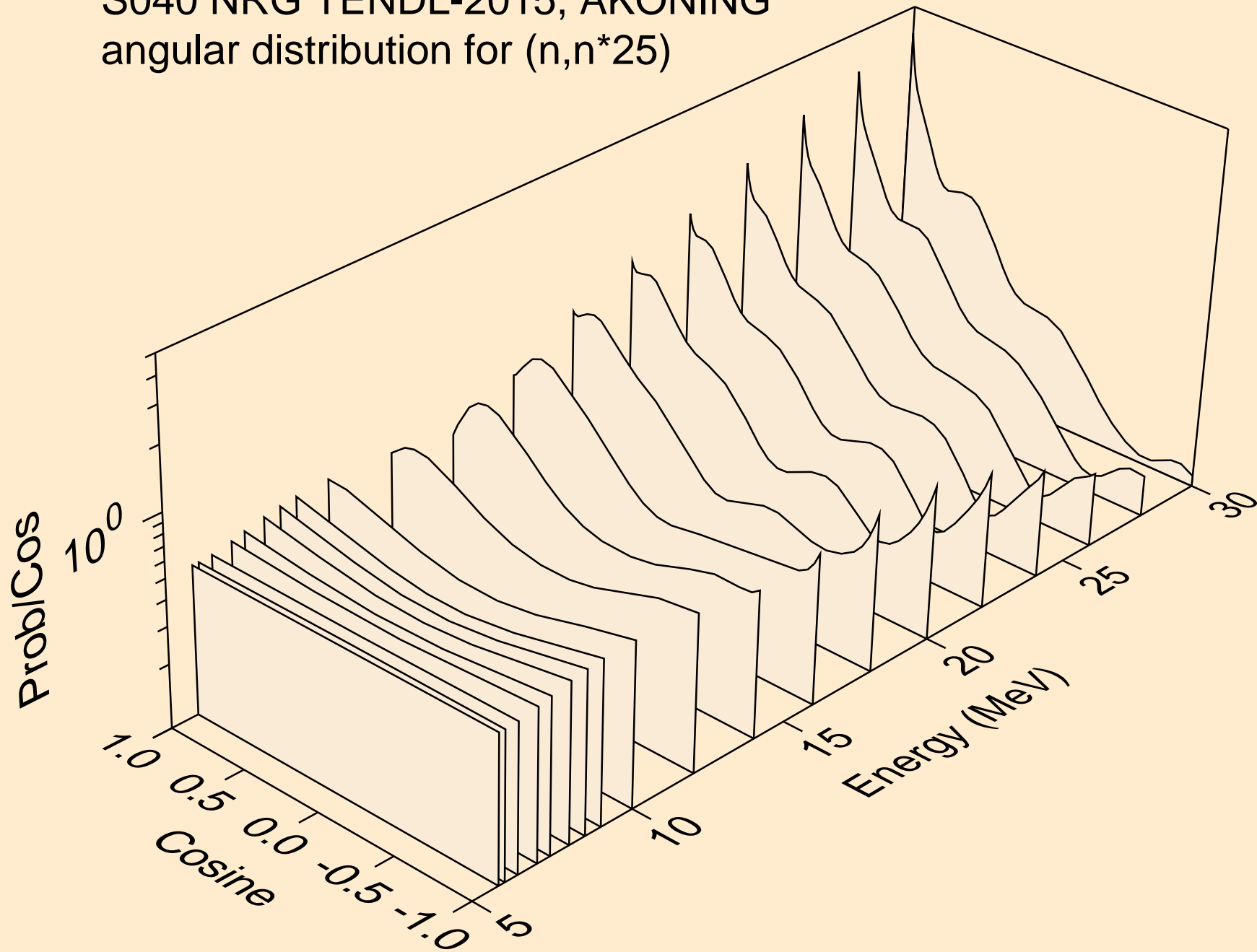


S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

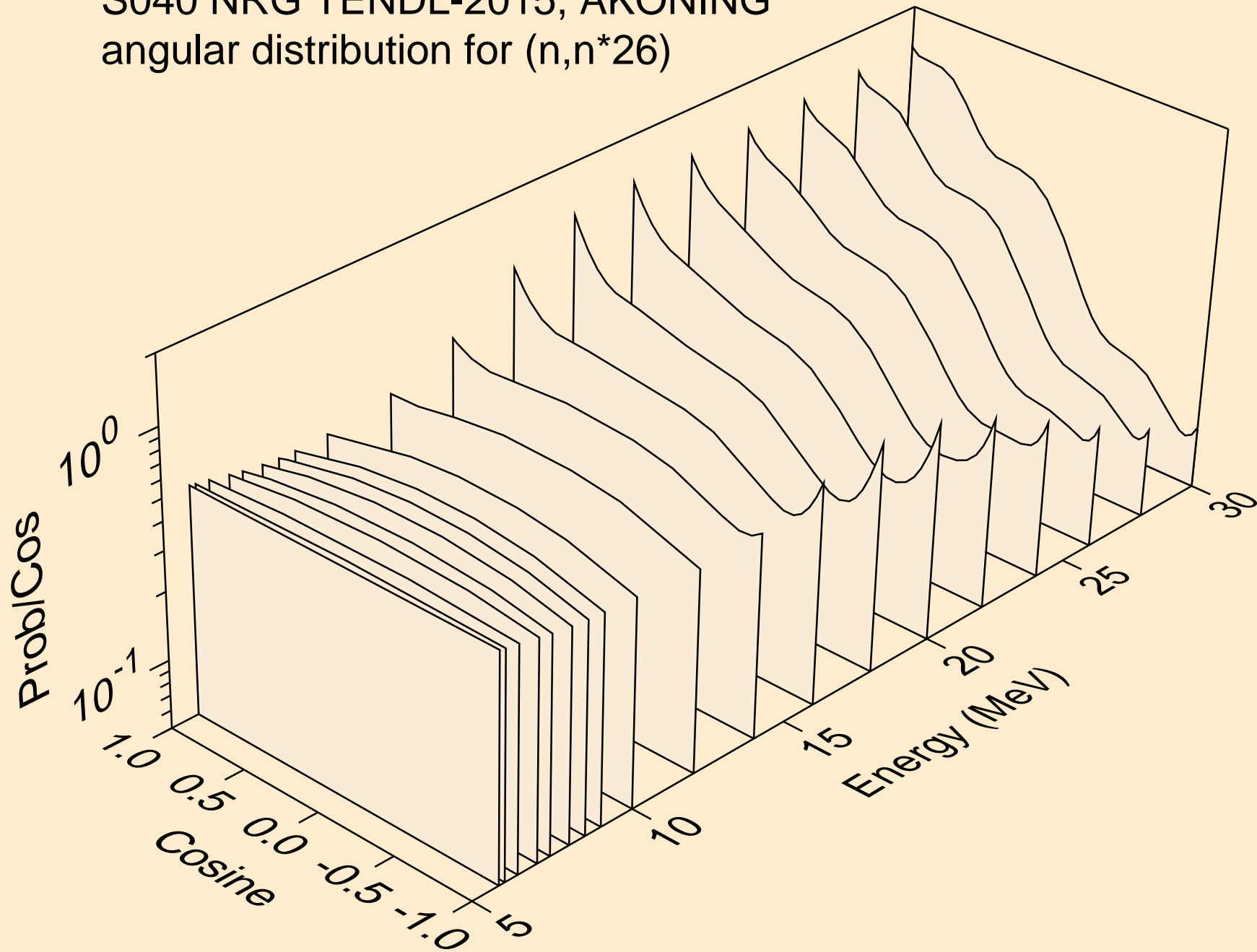




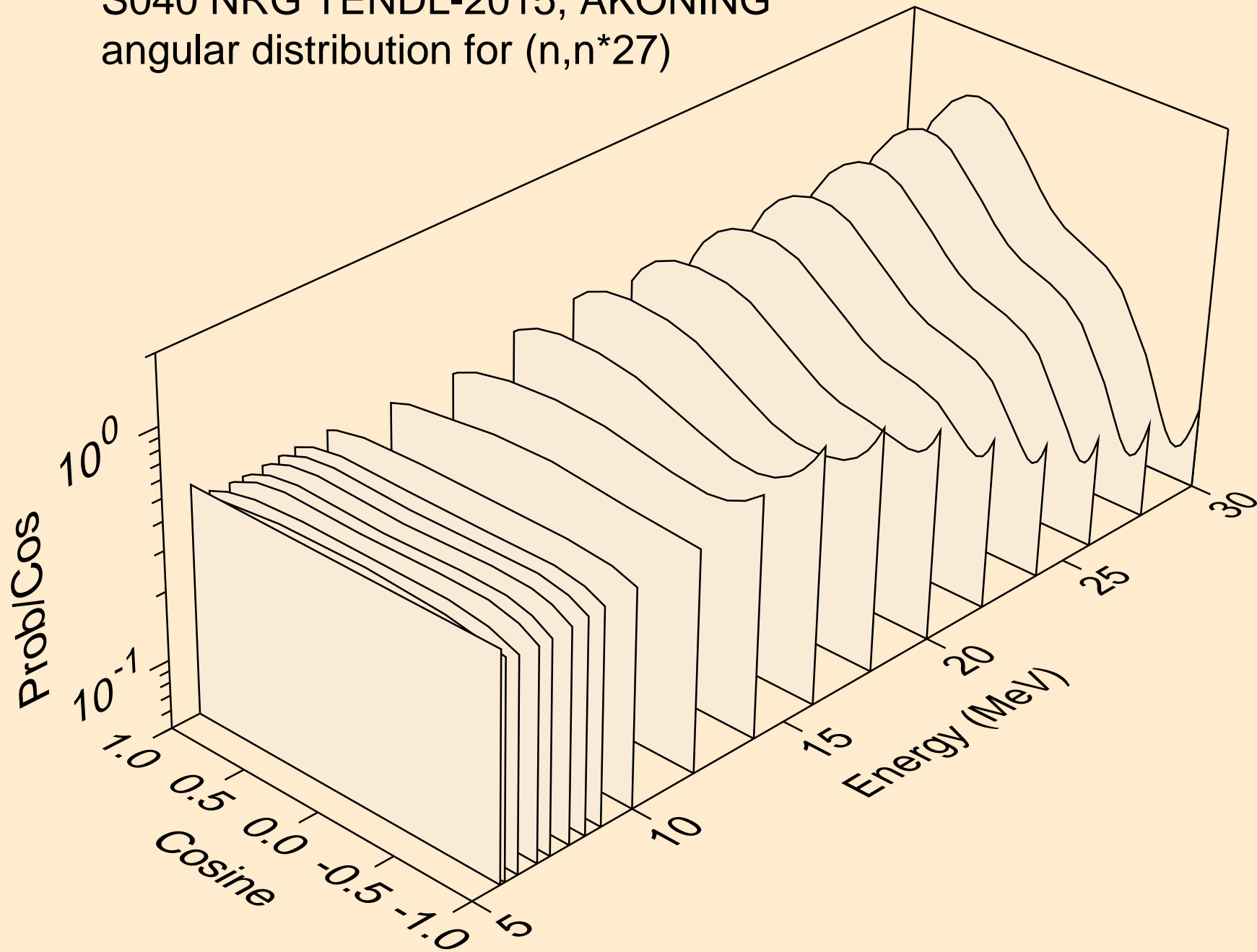
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



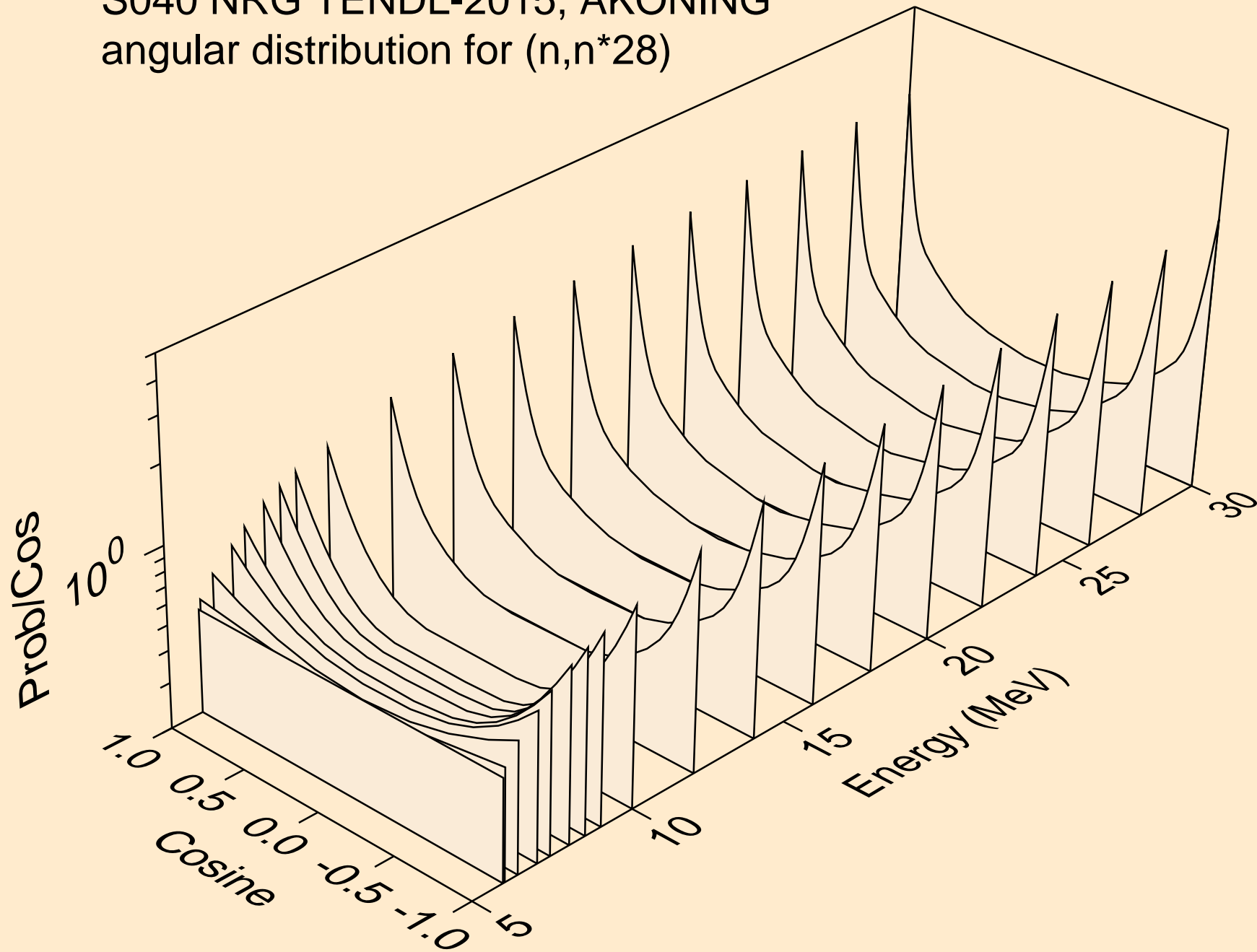
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



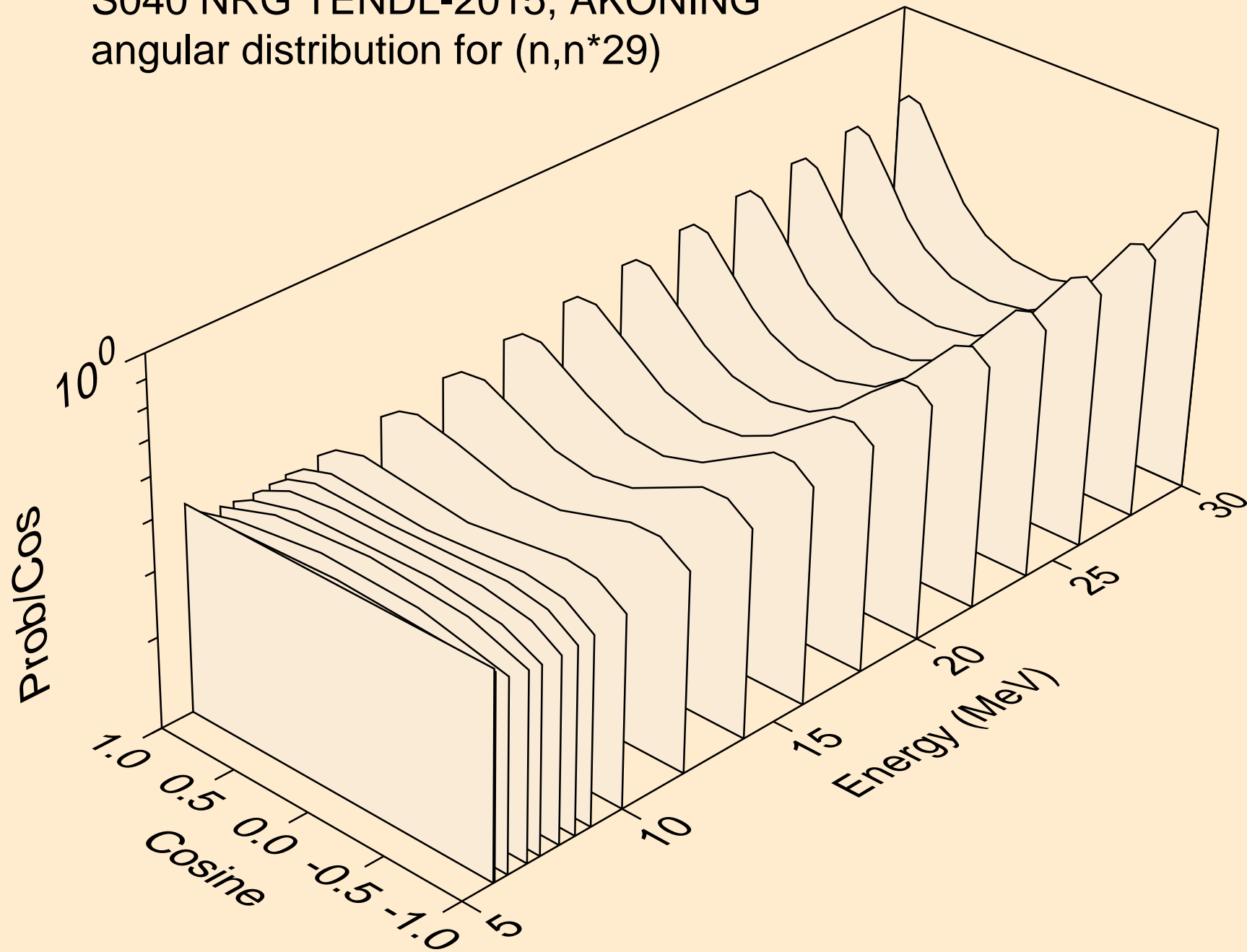
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



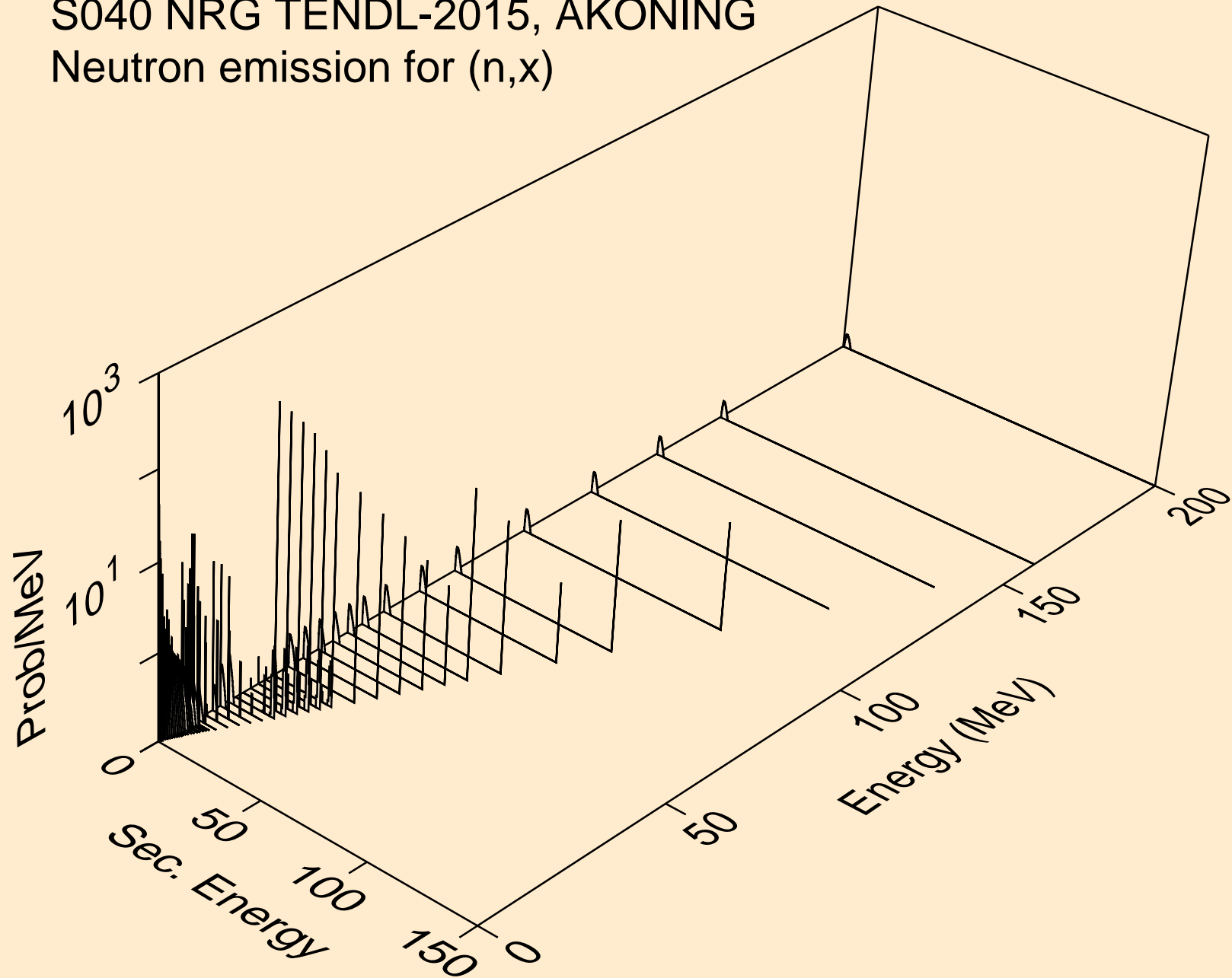
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angular distribution for (n,n\*28)



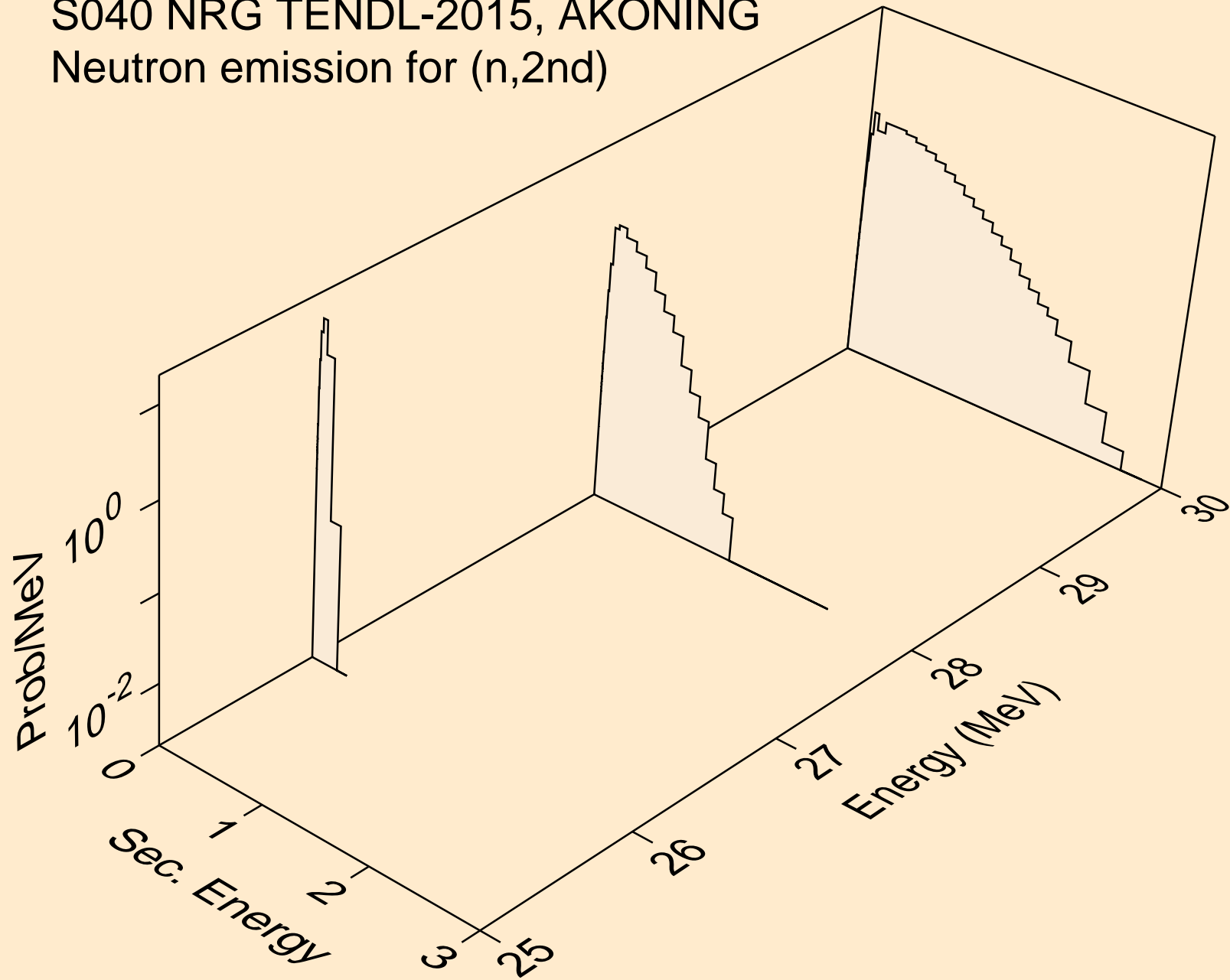
S040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



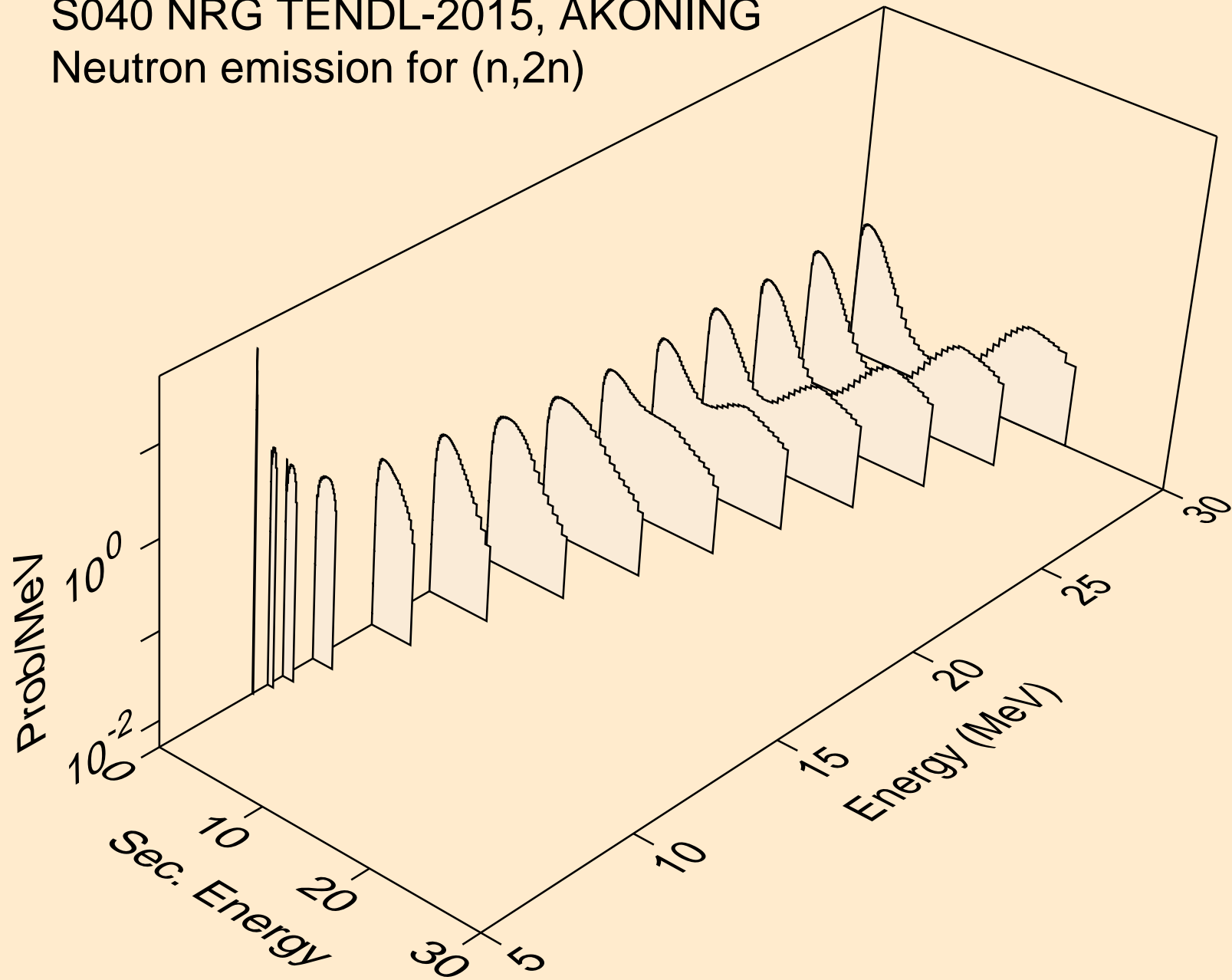
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

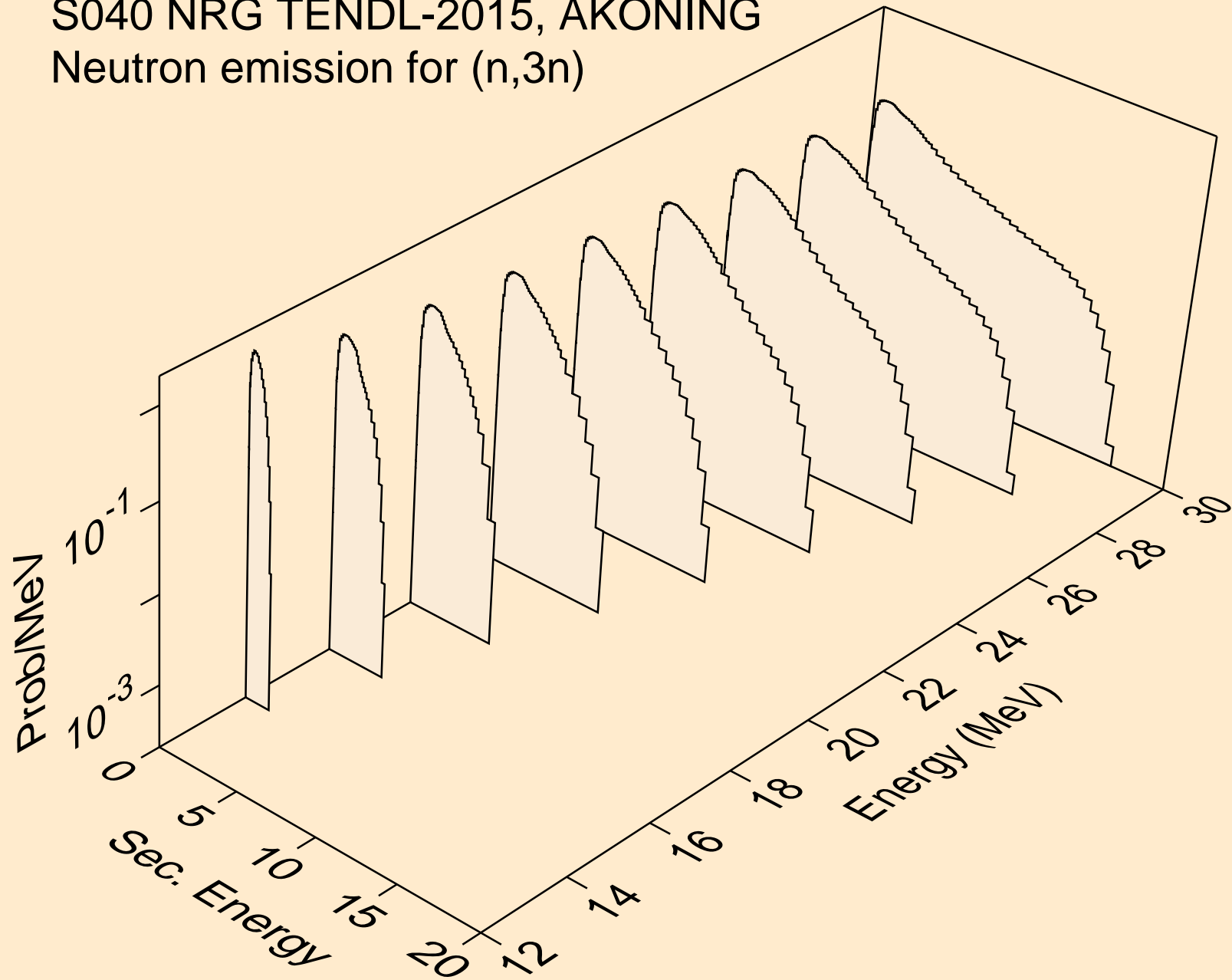


S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

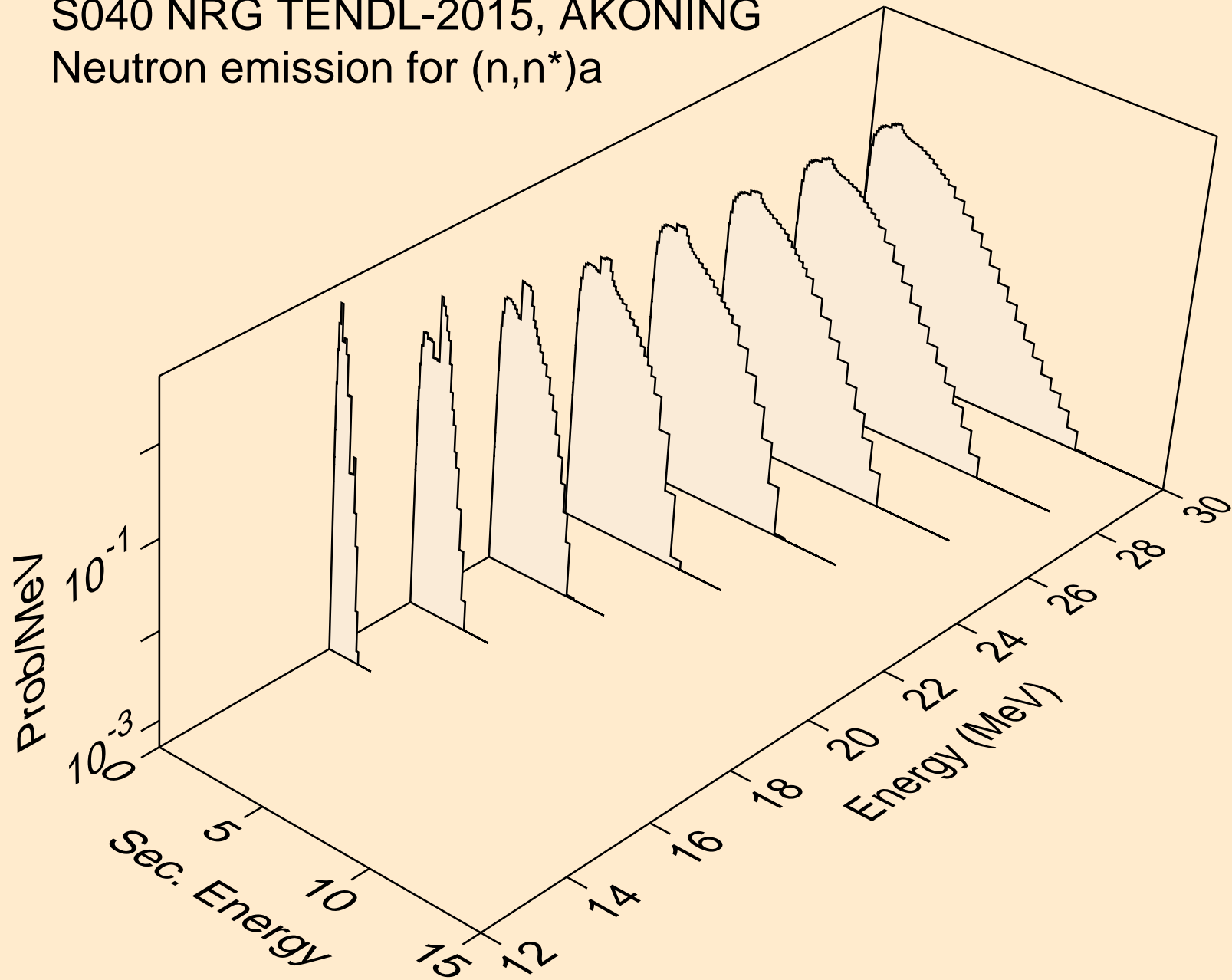




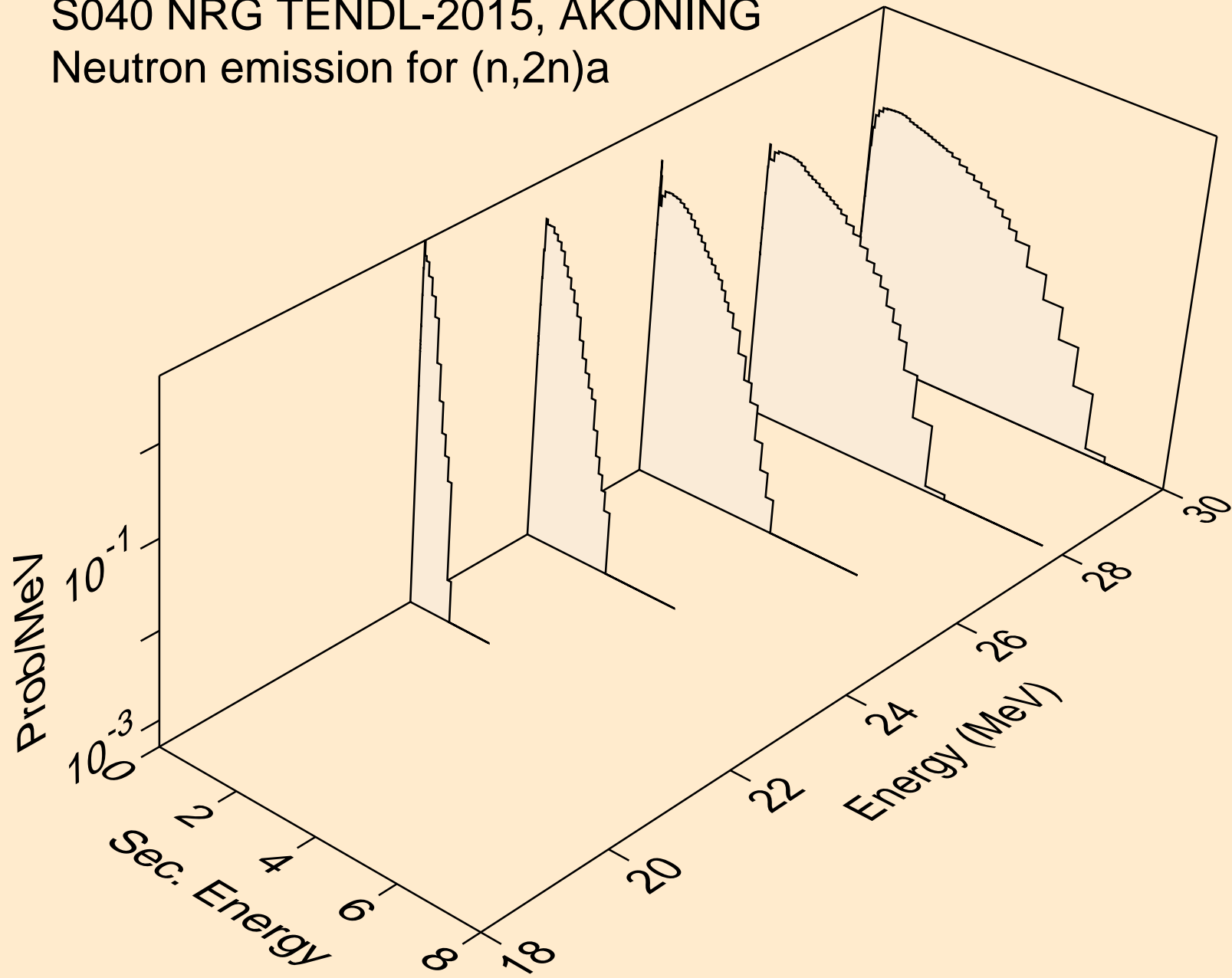
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



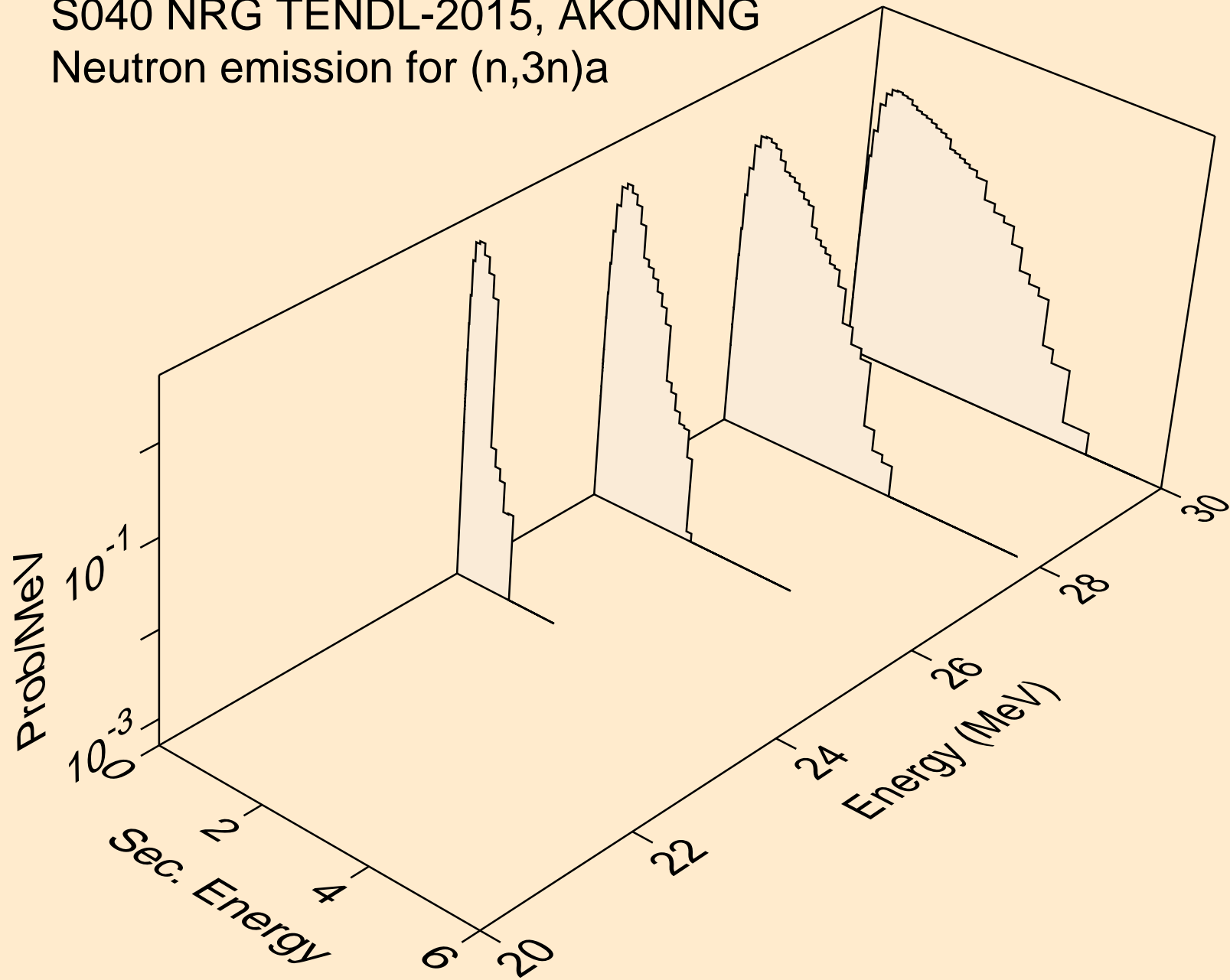
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



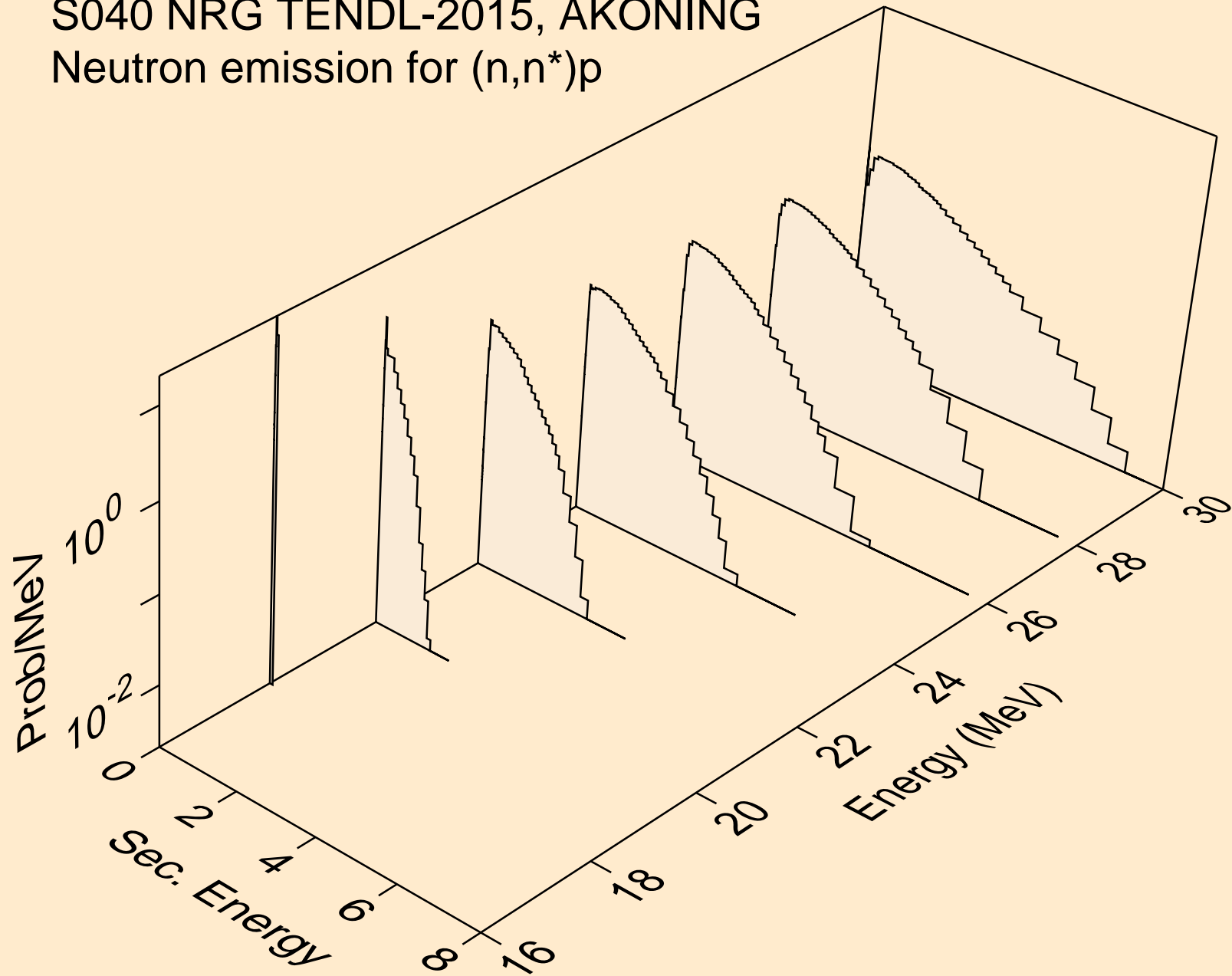
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



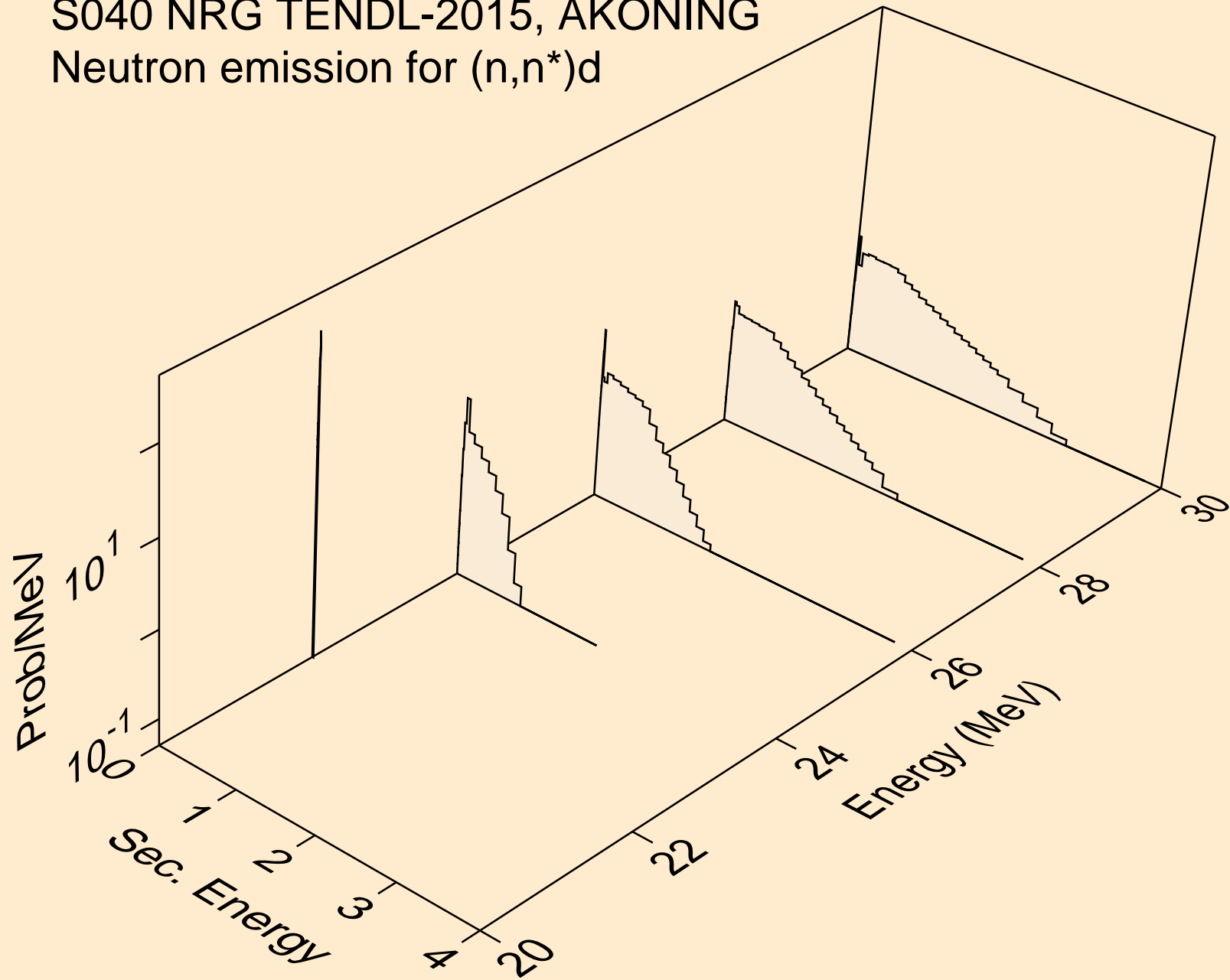
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



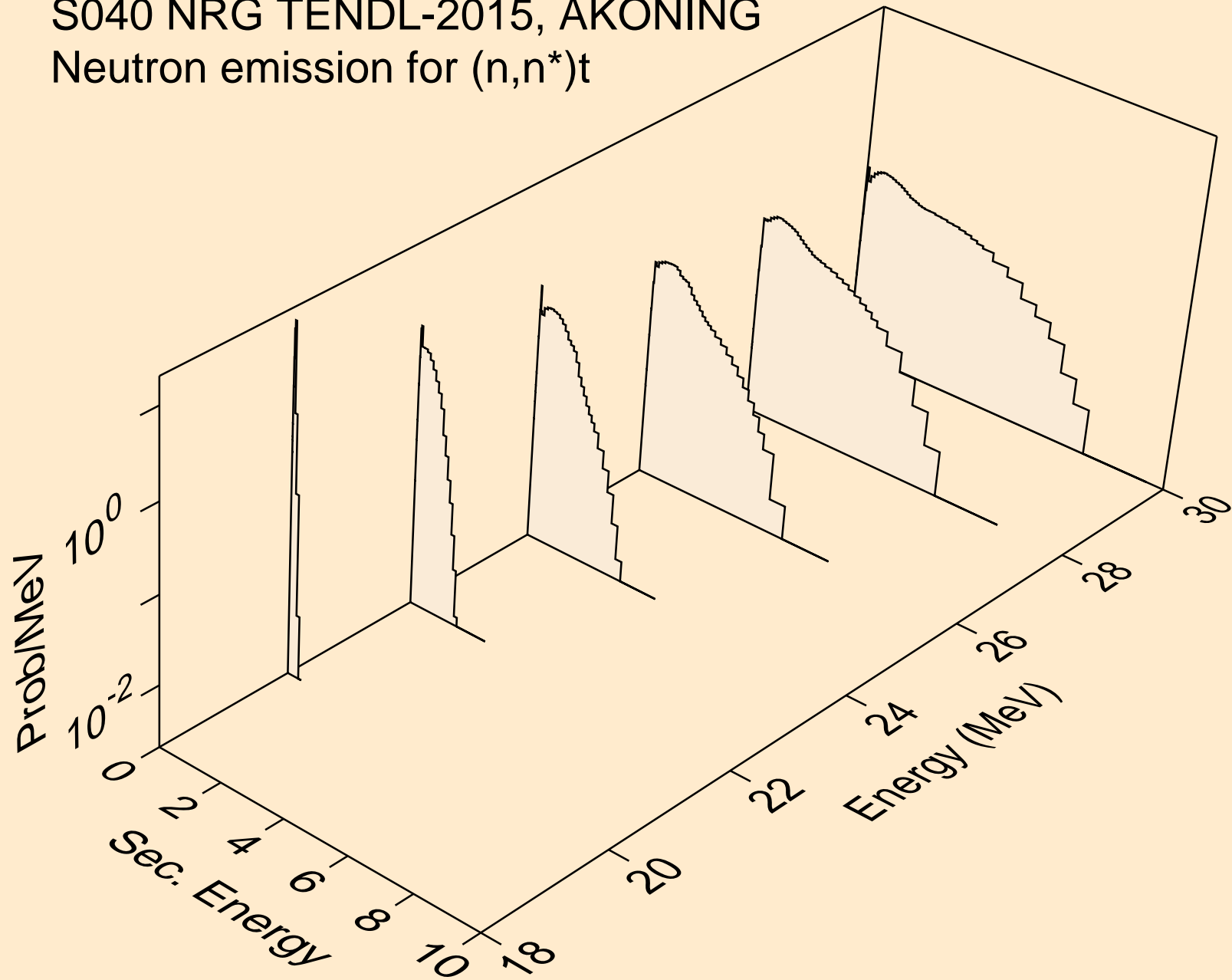
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



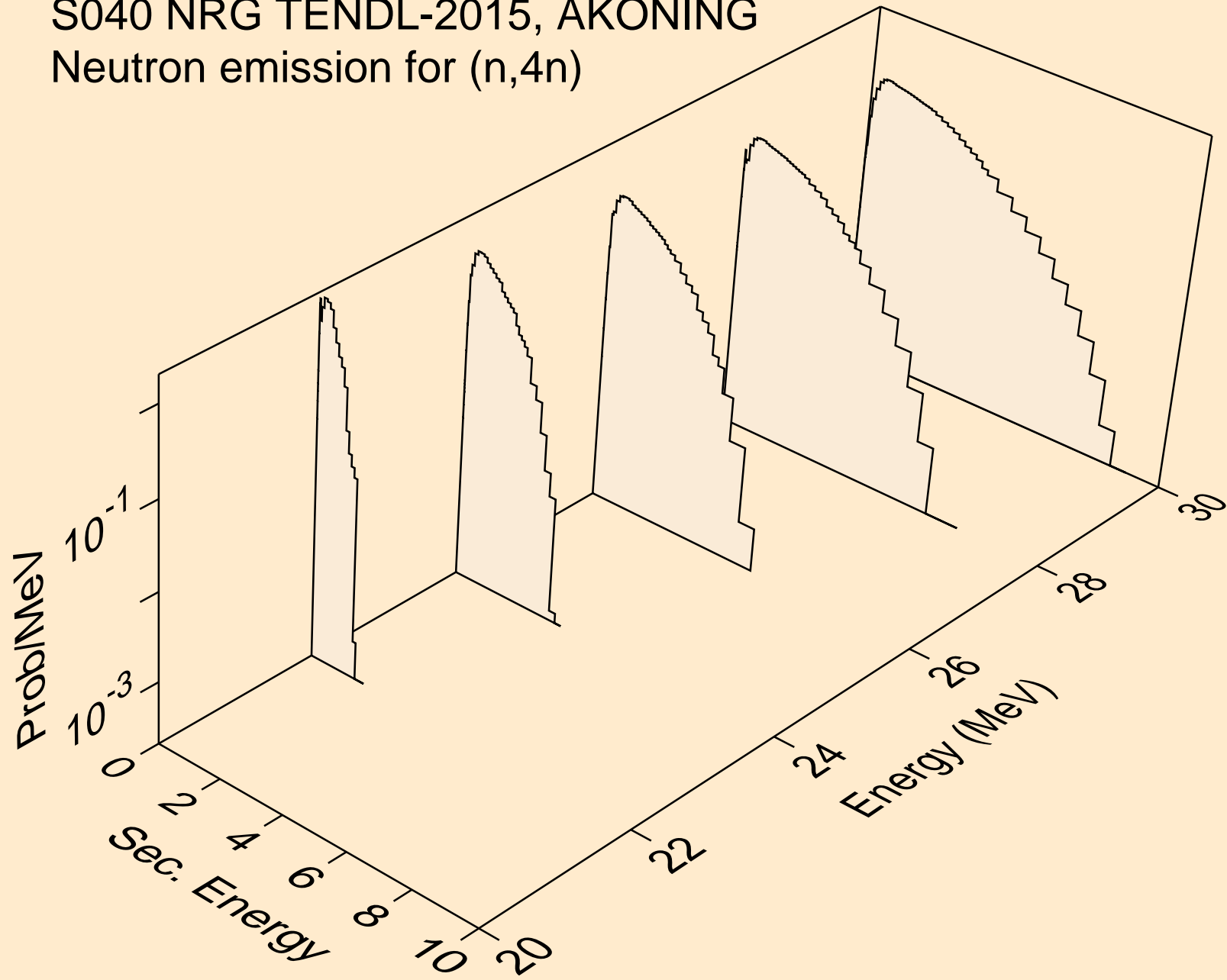
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

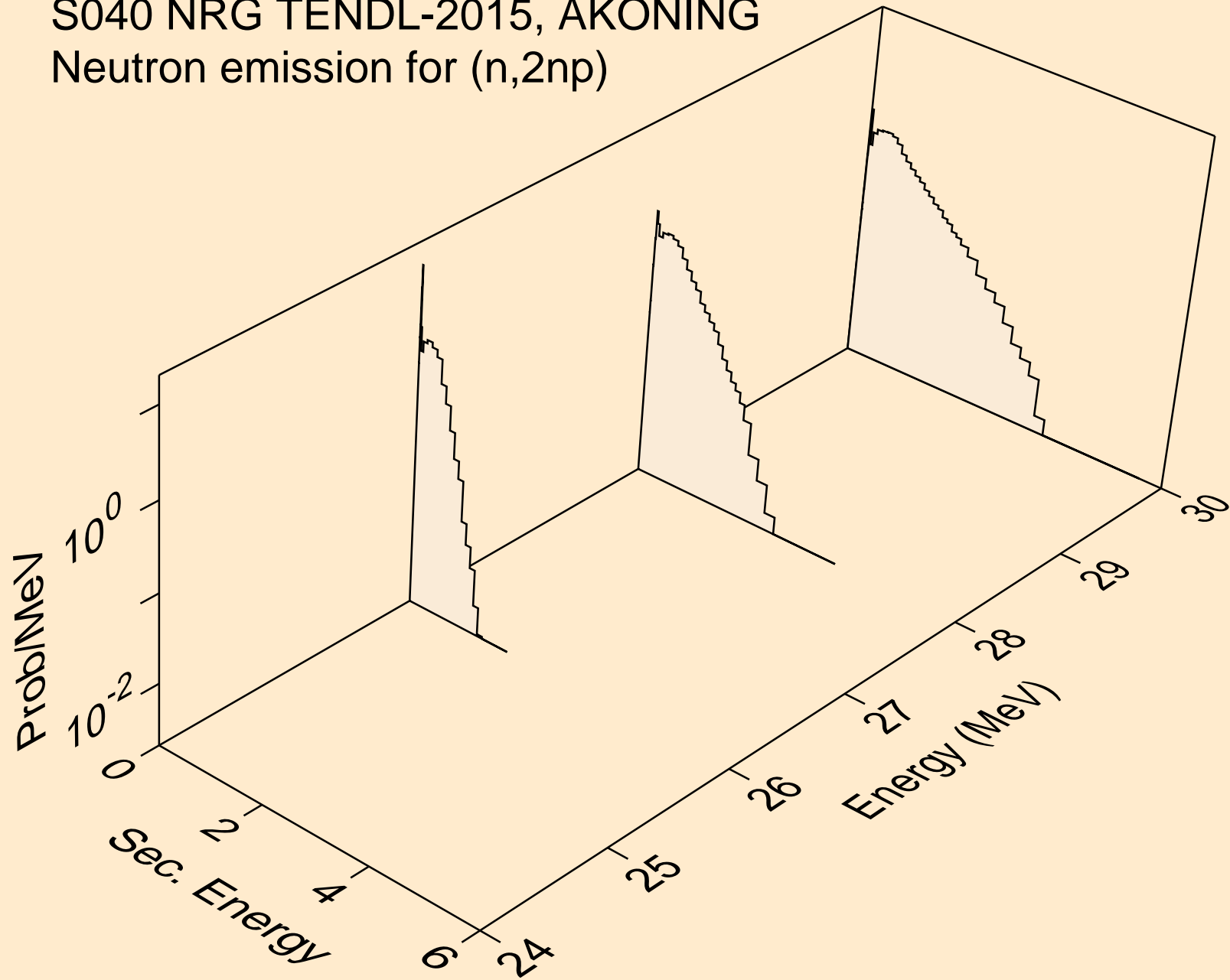


S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

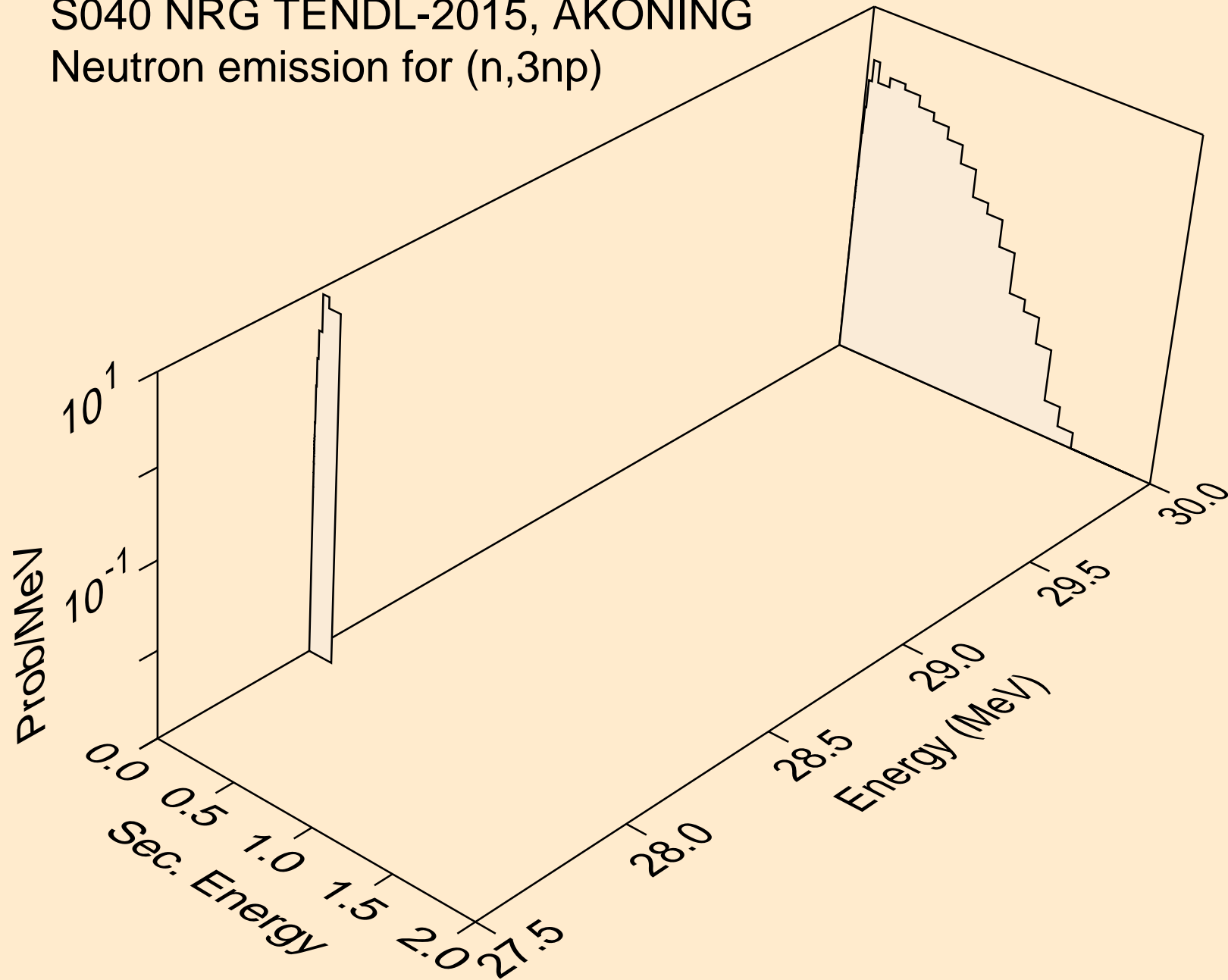




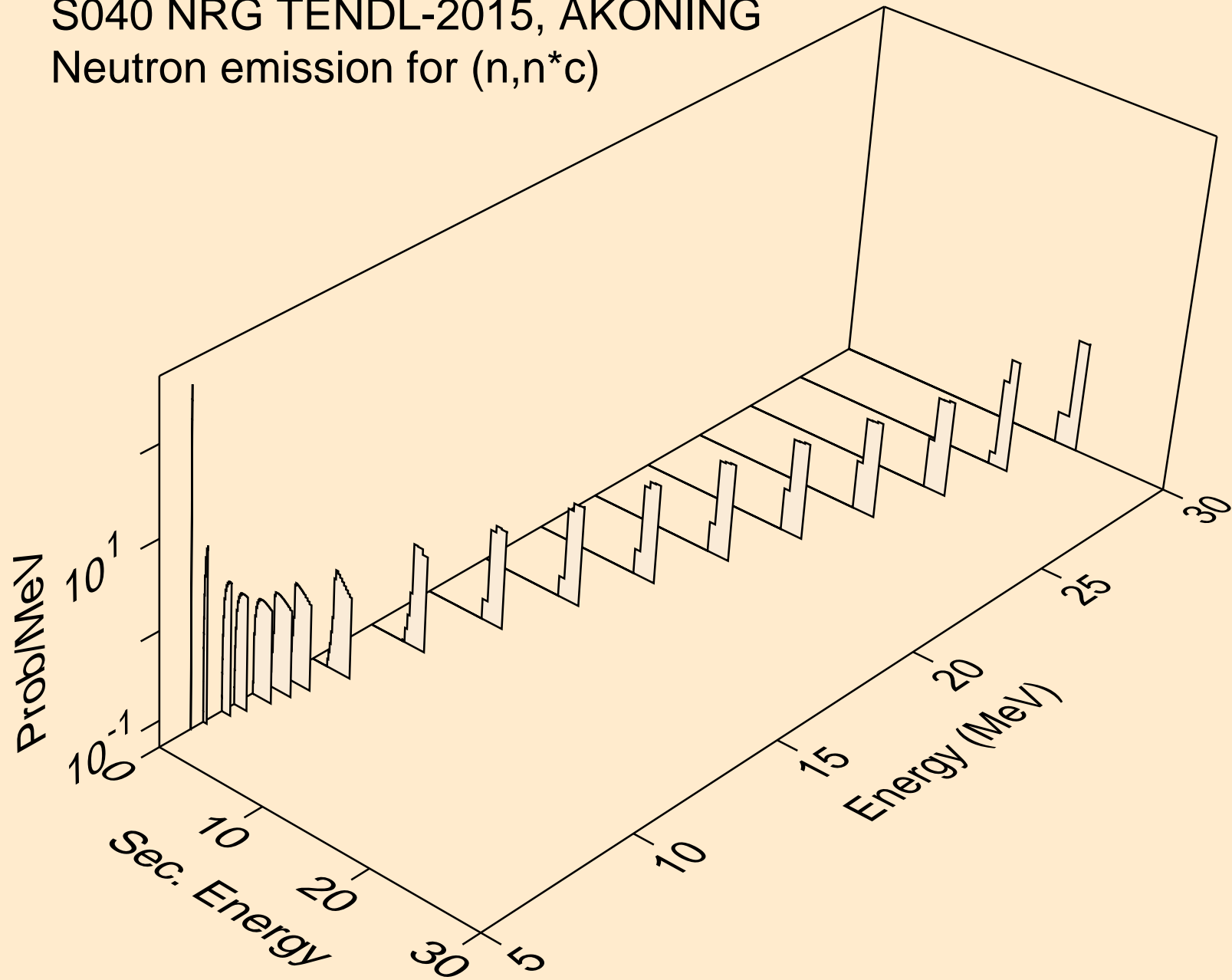
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



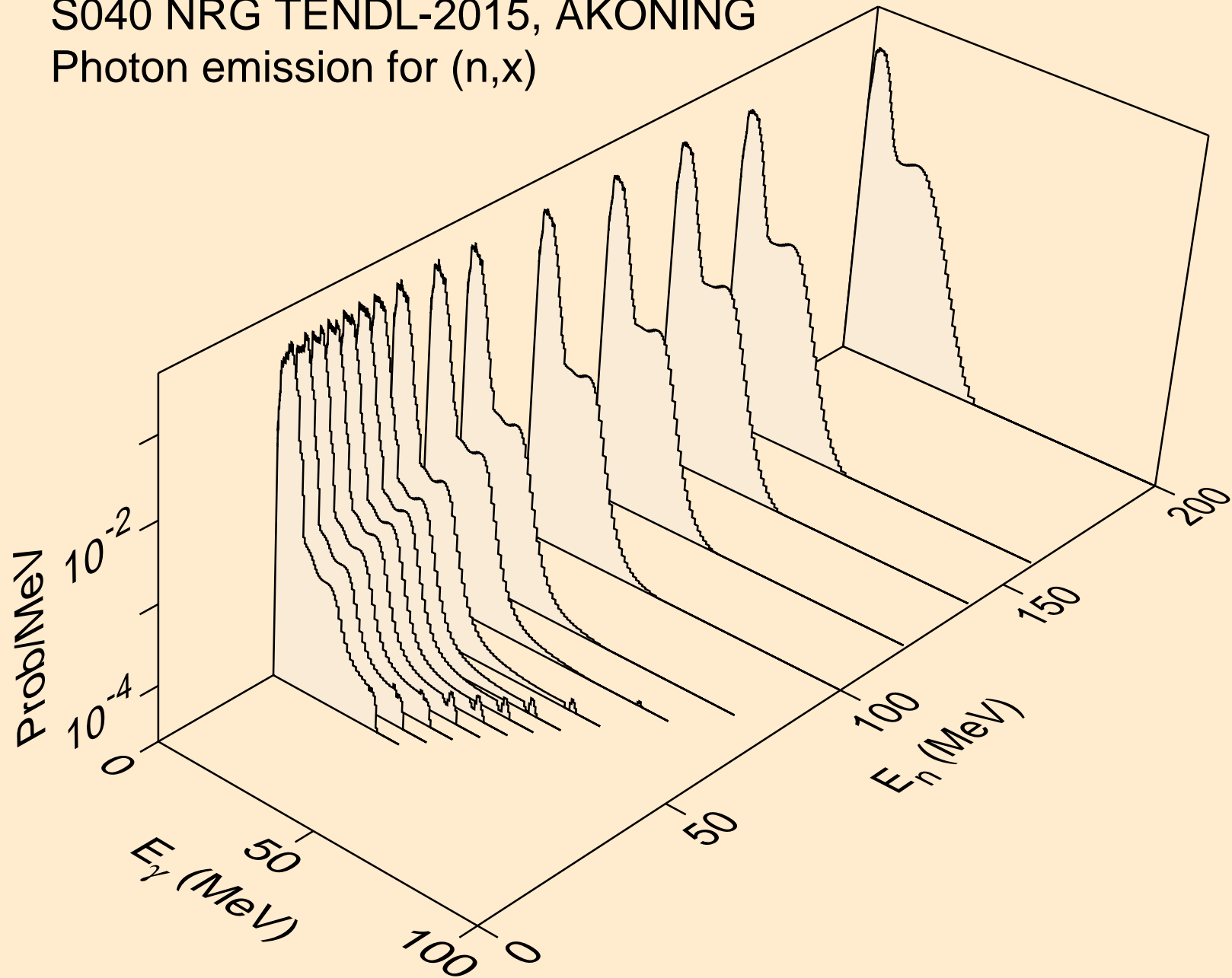
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



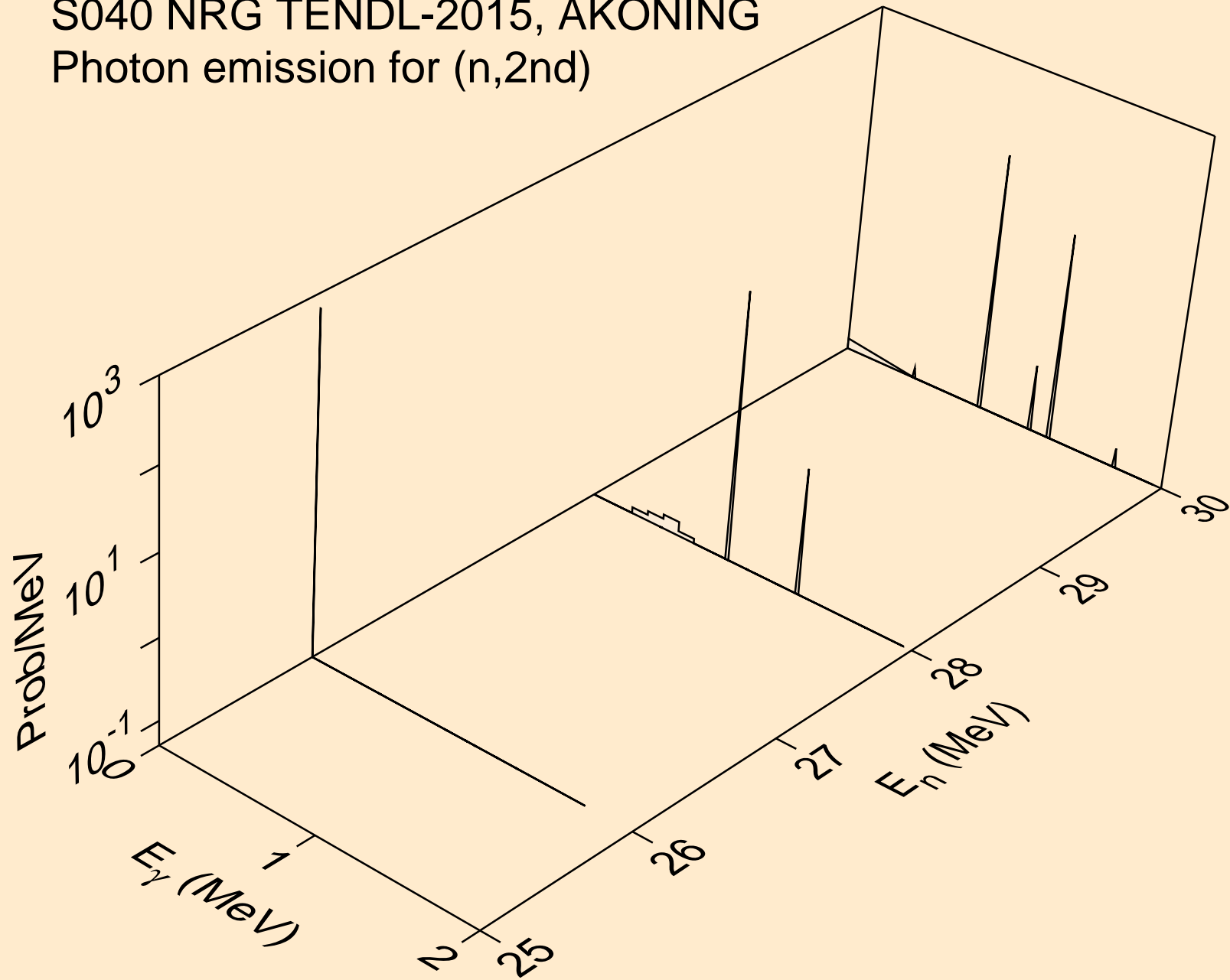
S040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



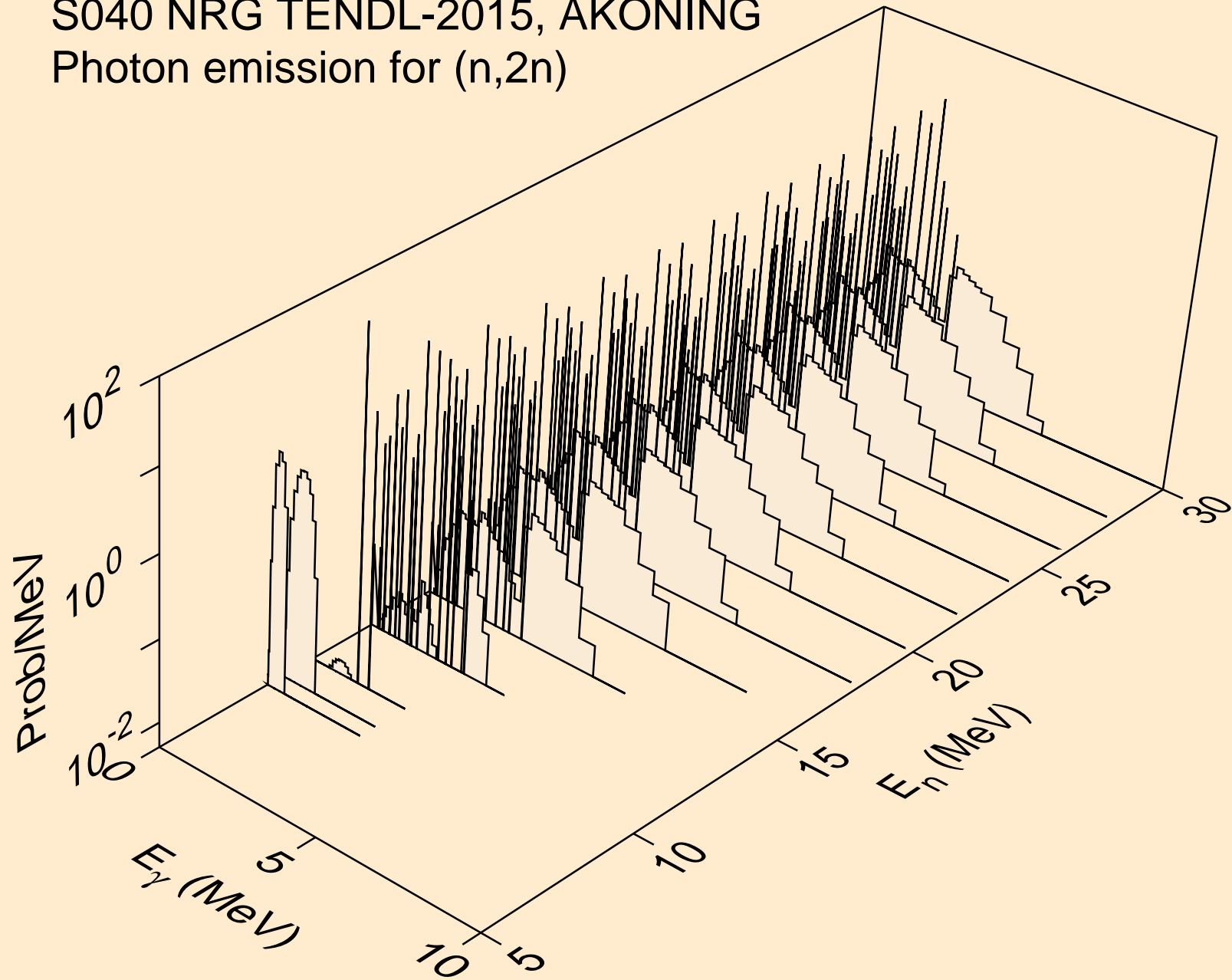
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



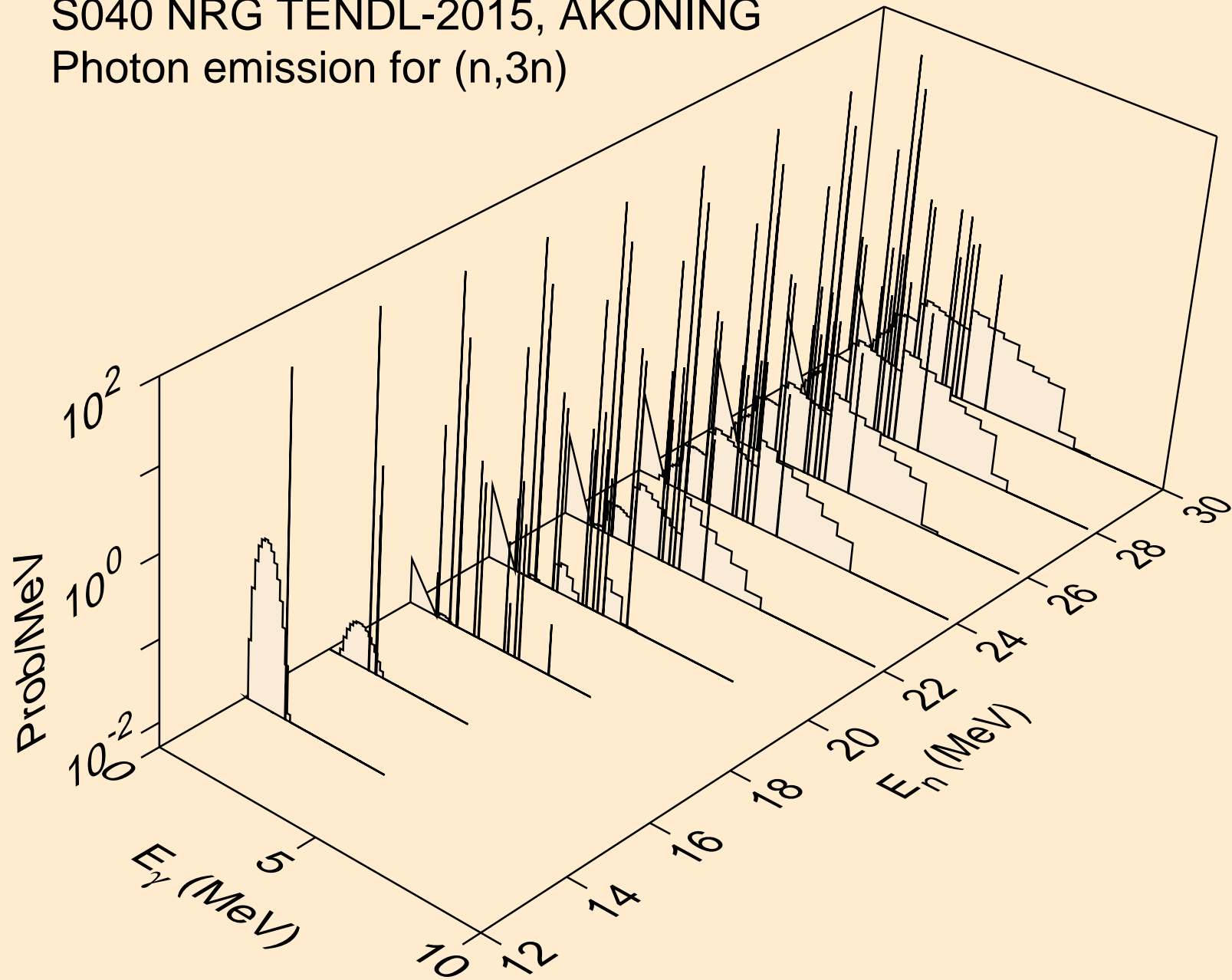
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



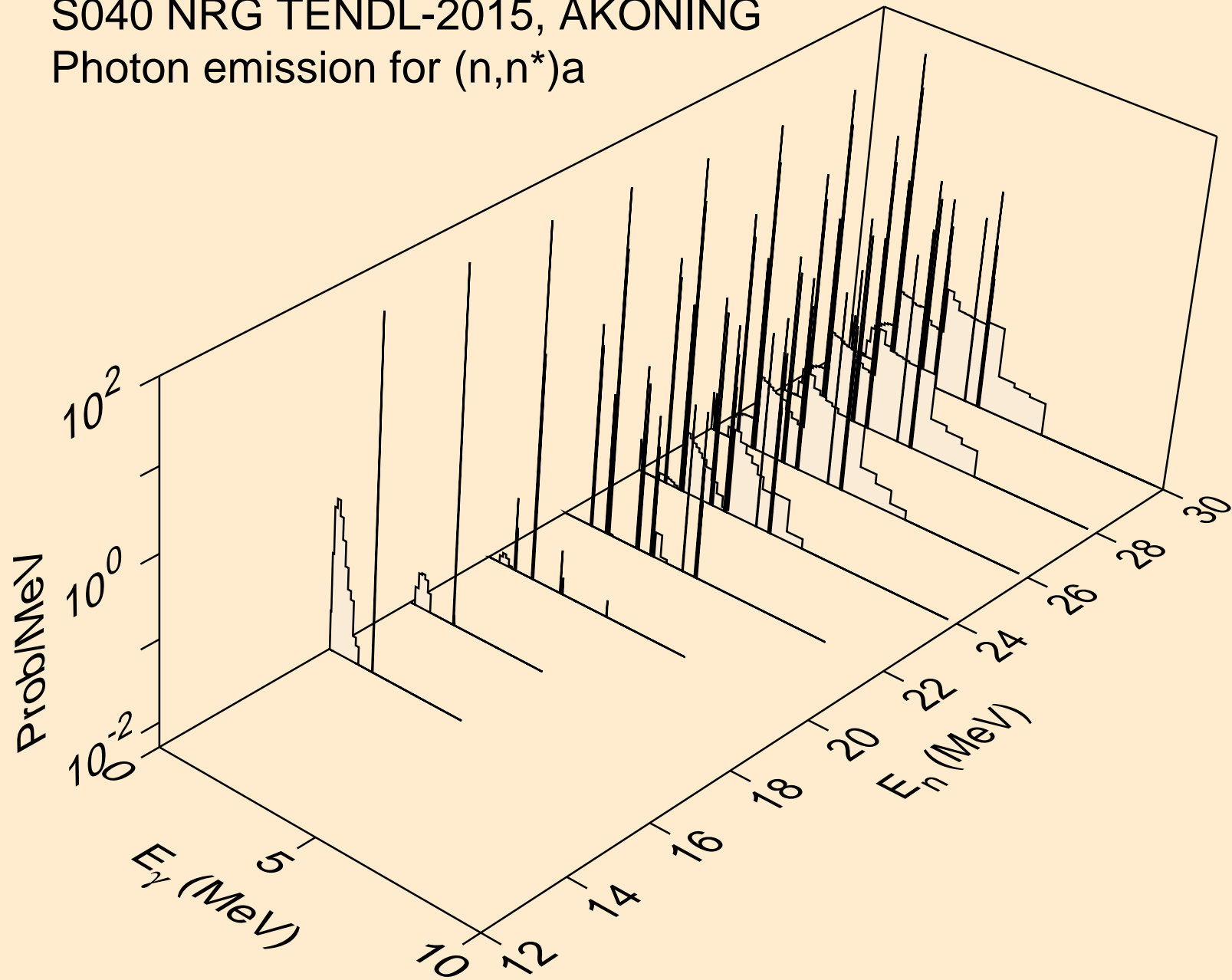
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



S040 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

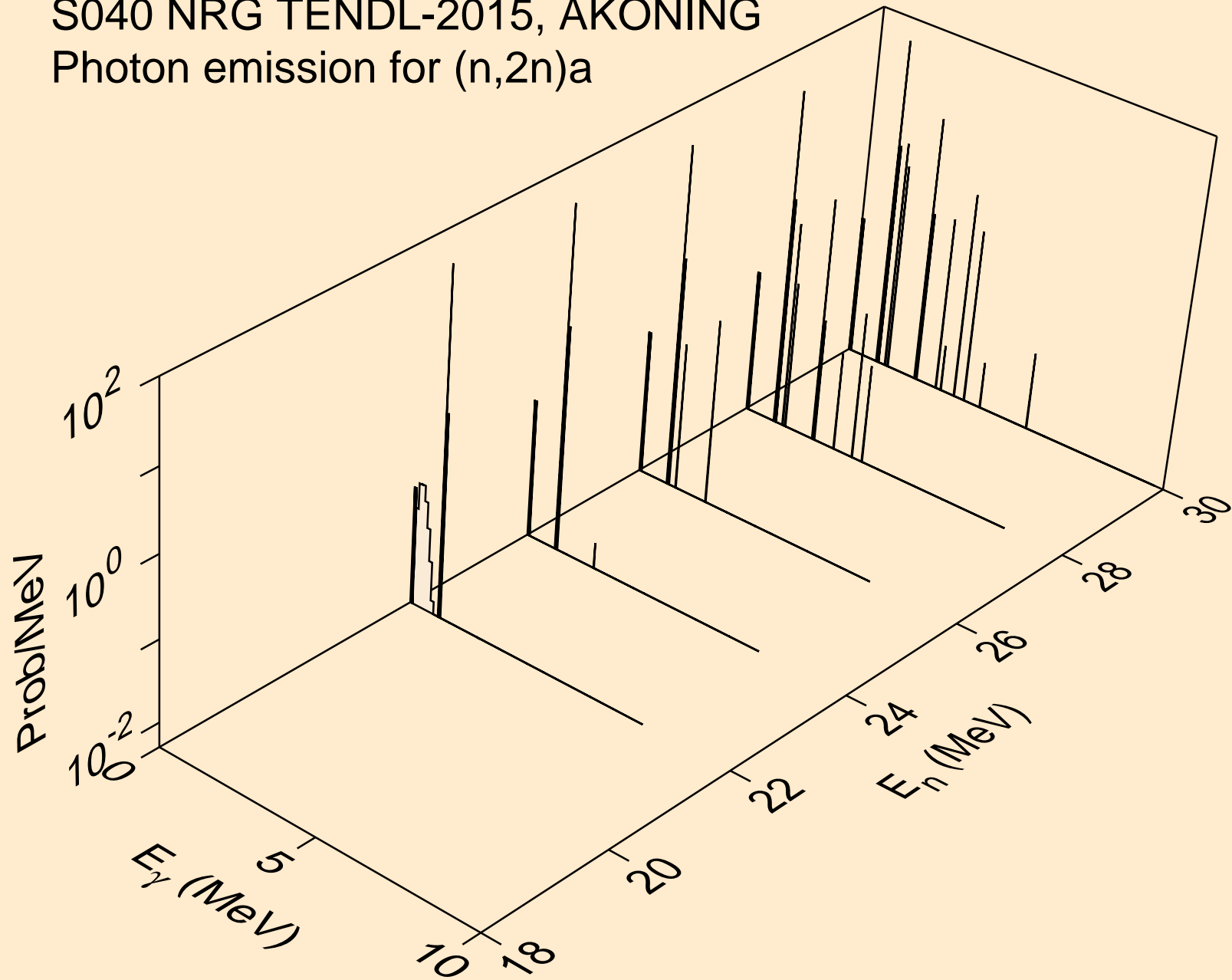


S040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

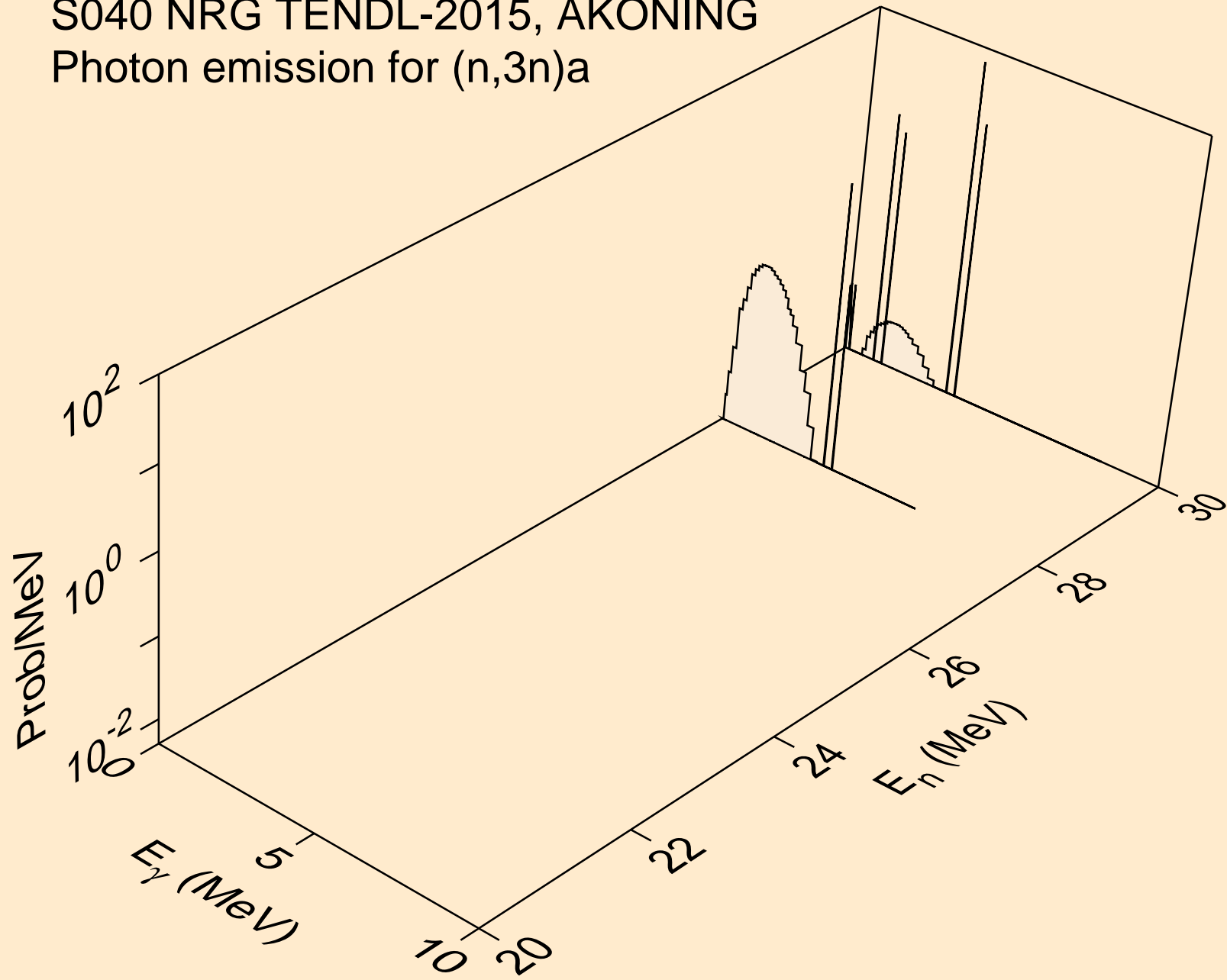




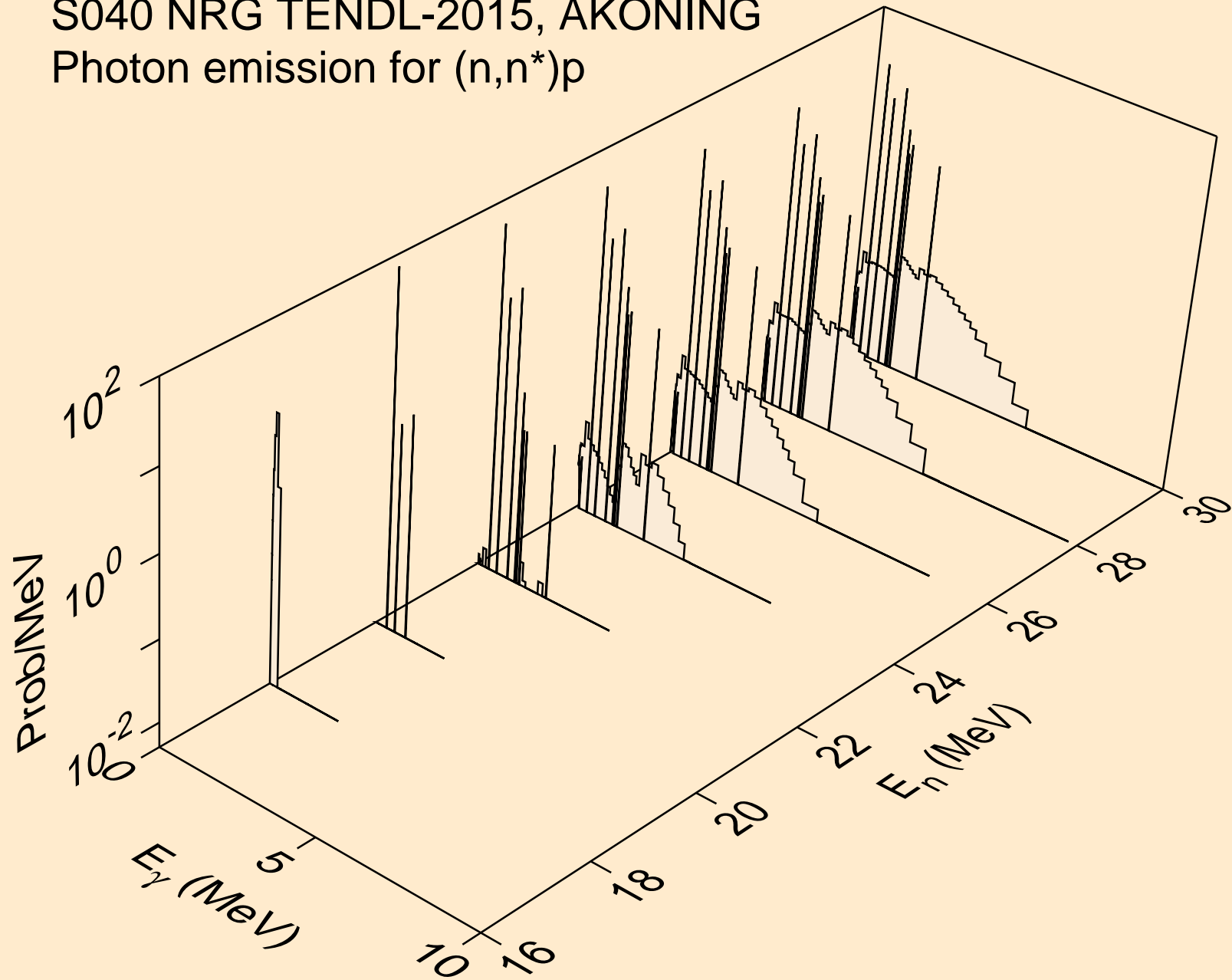
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



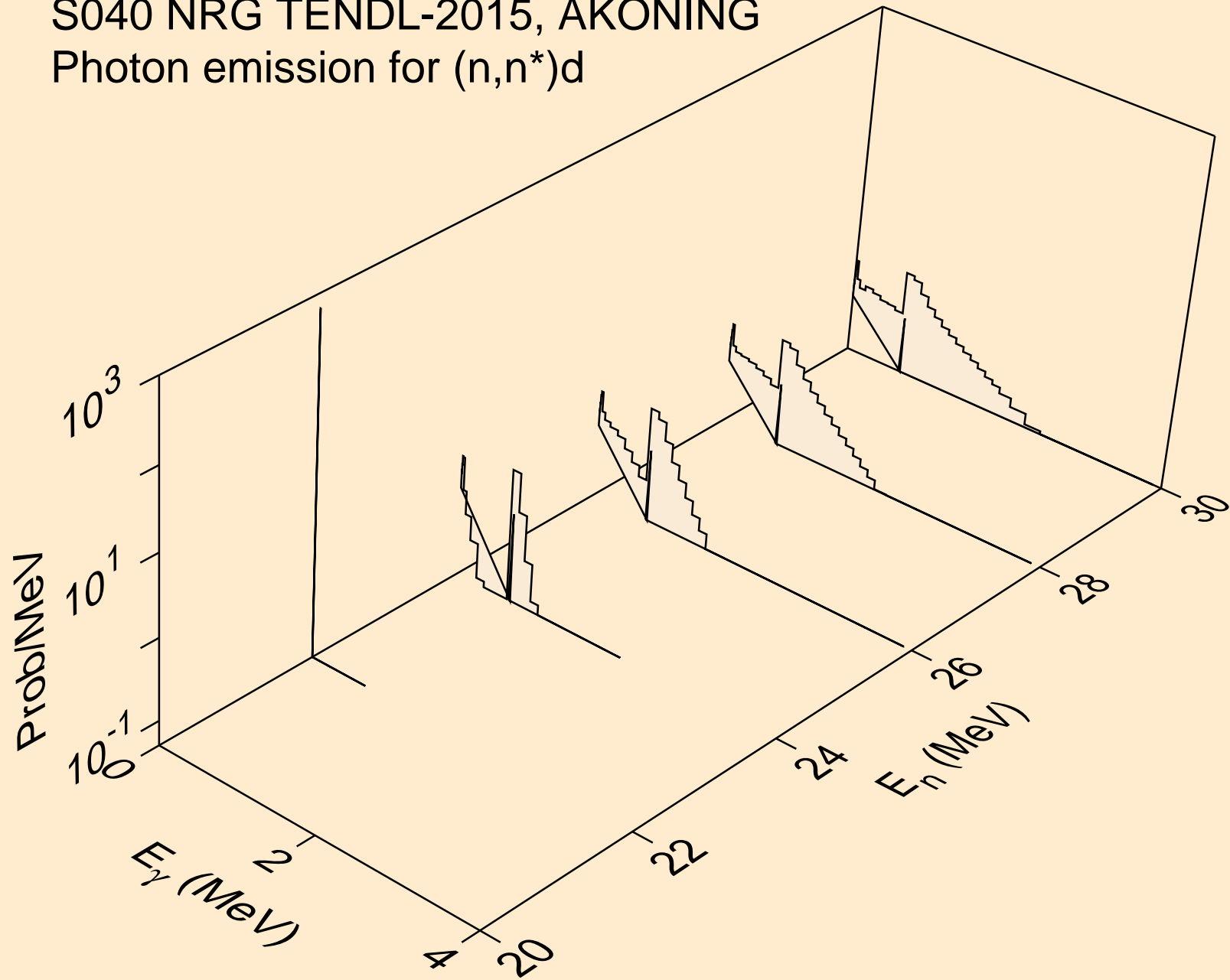
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



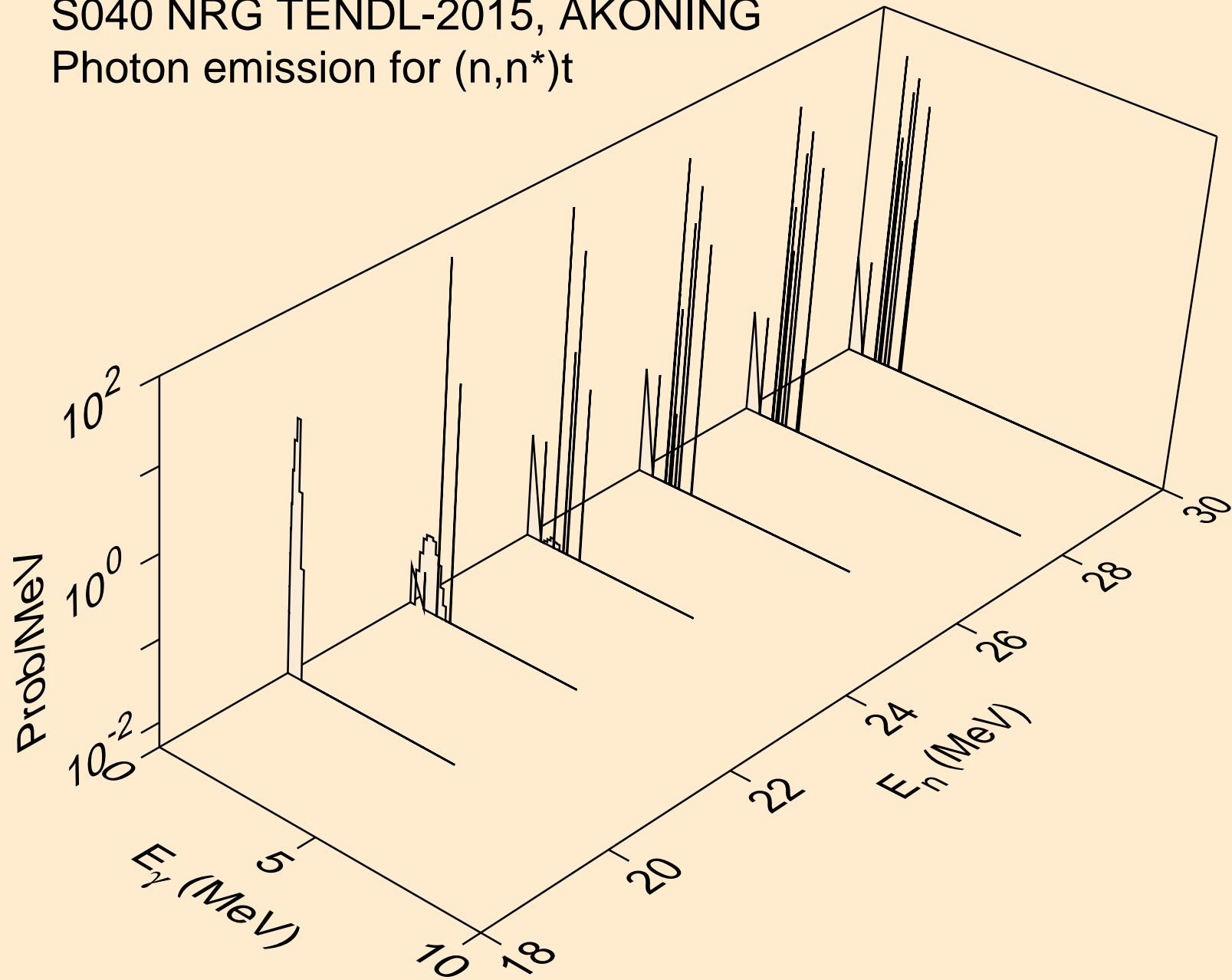
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



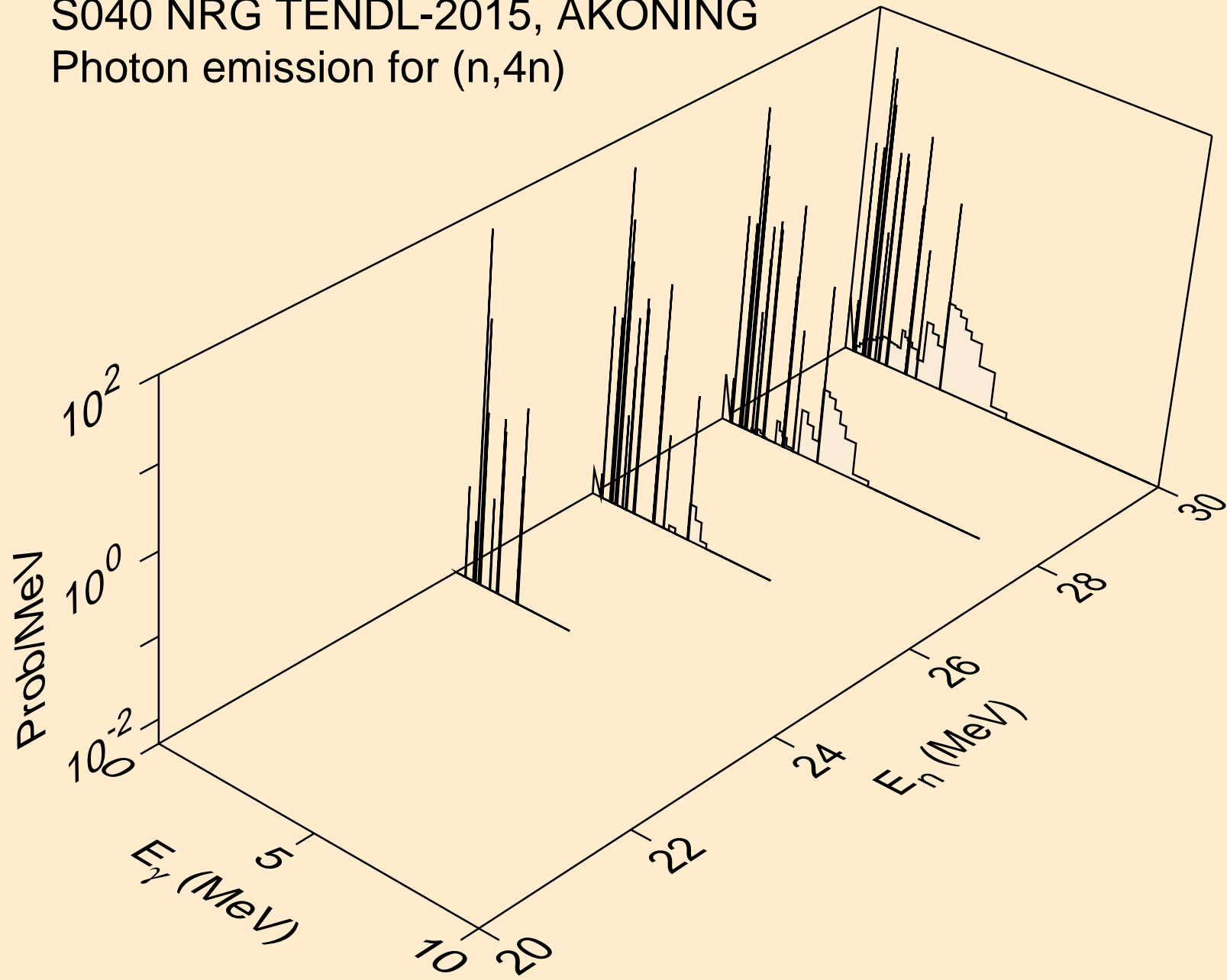
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



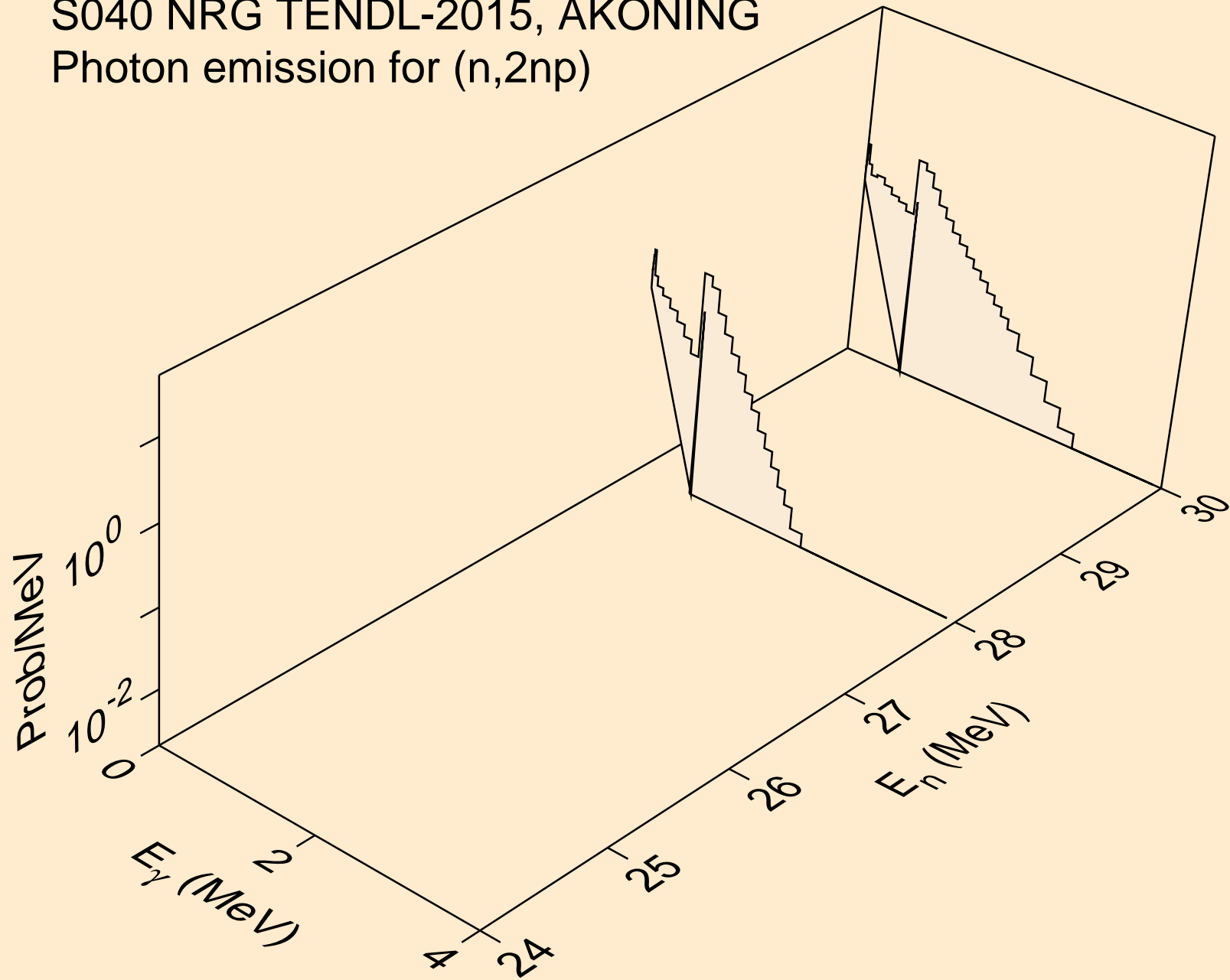
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



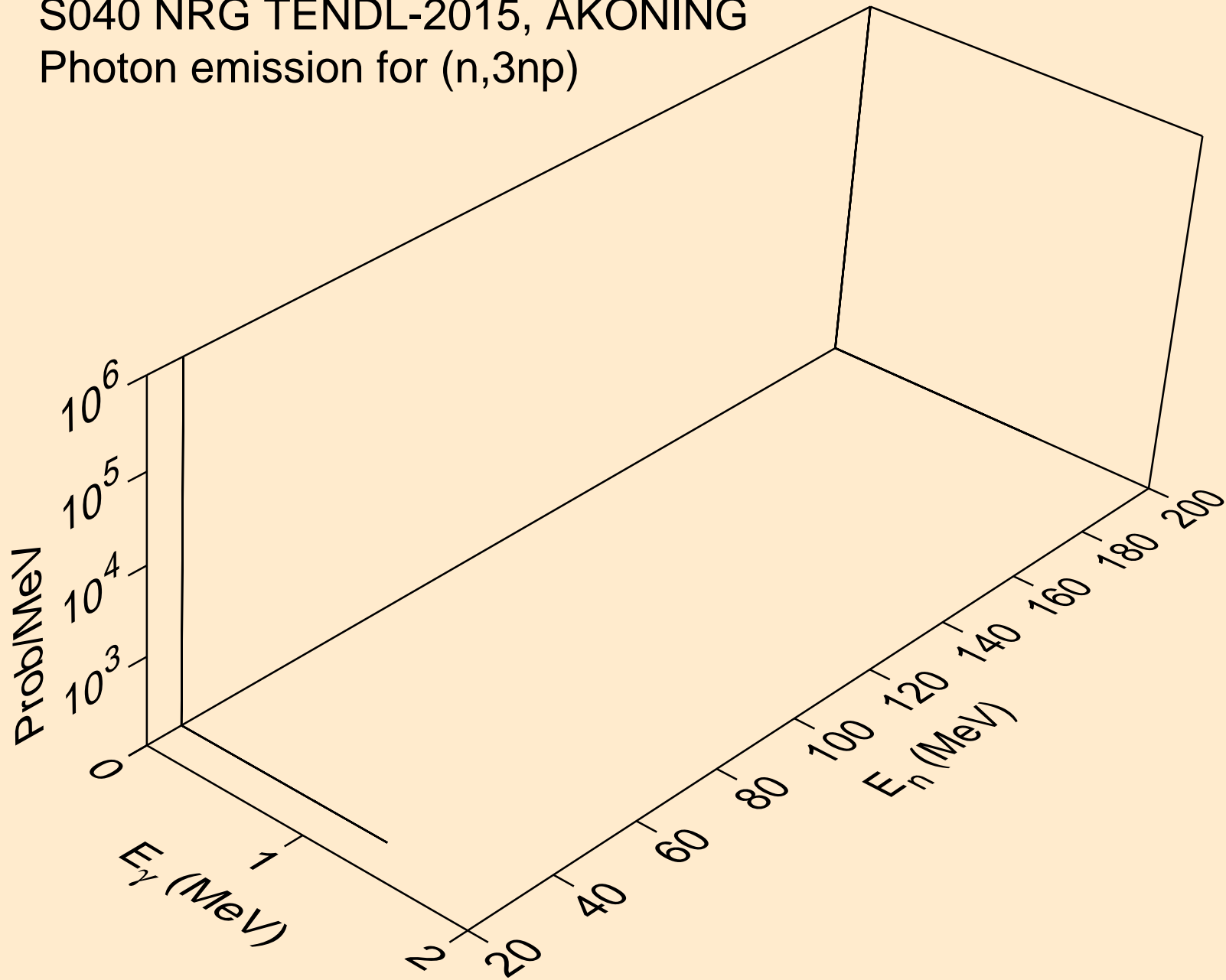
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



S040 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

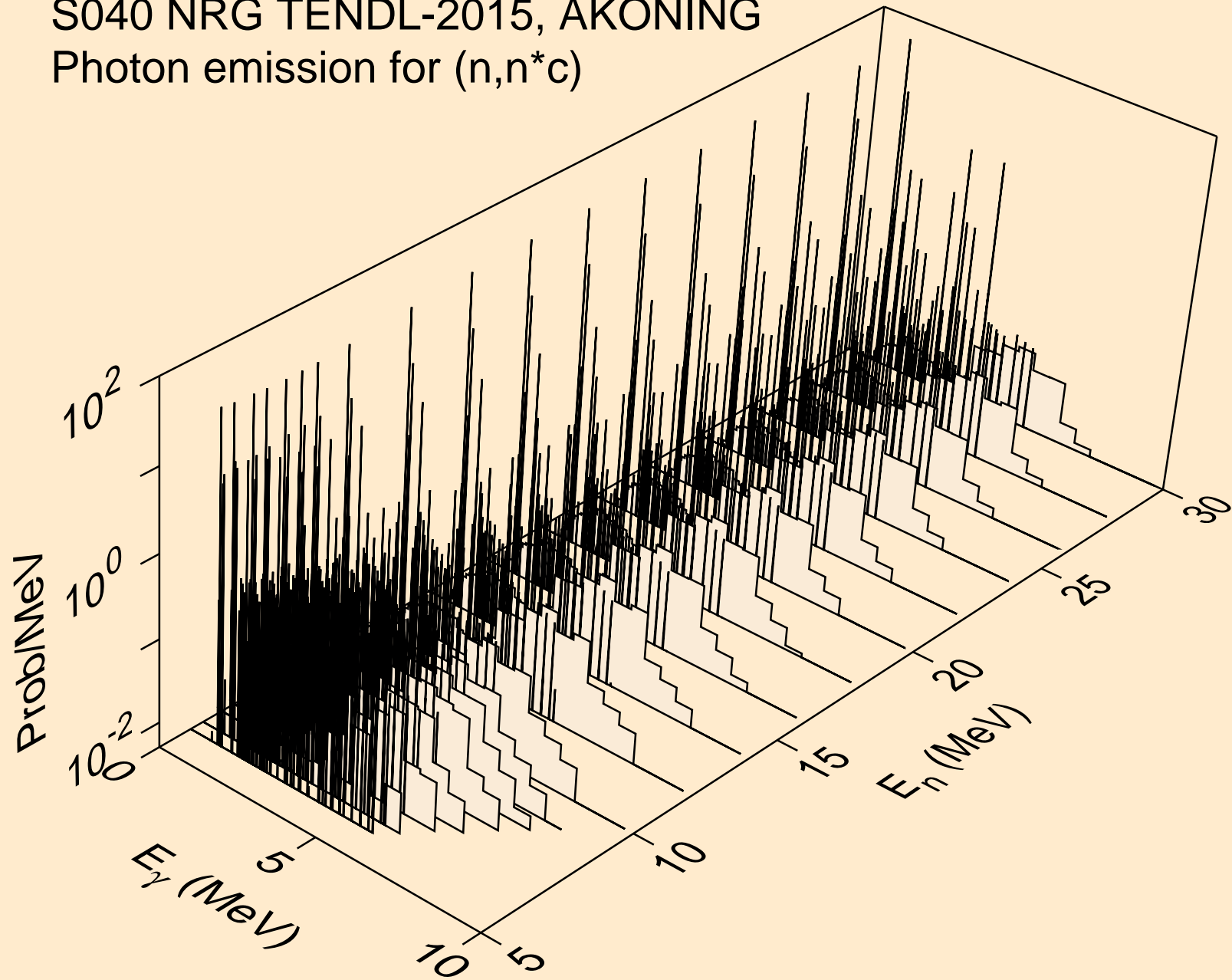


S040 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

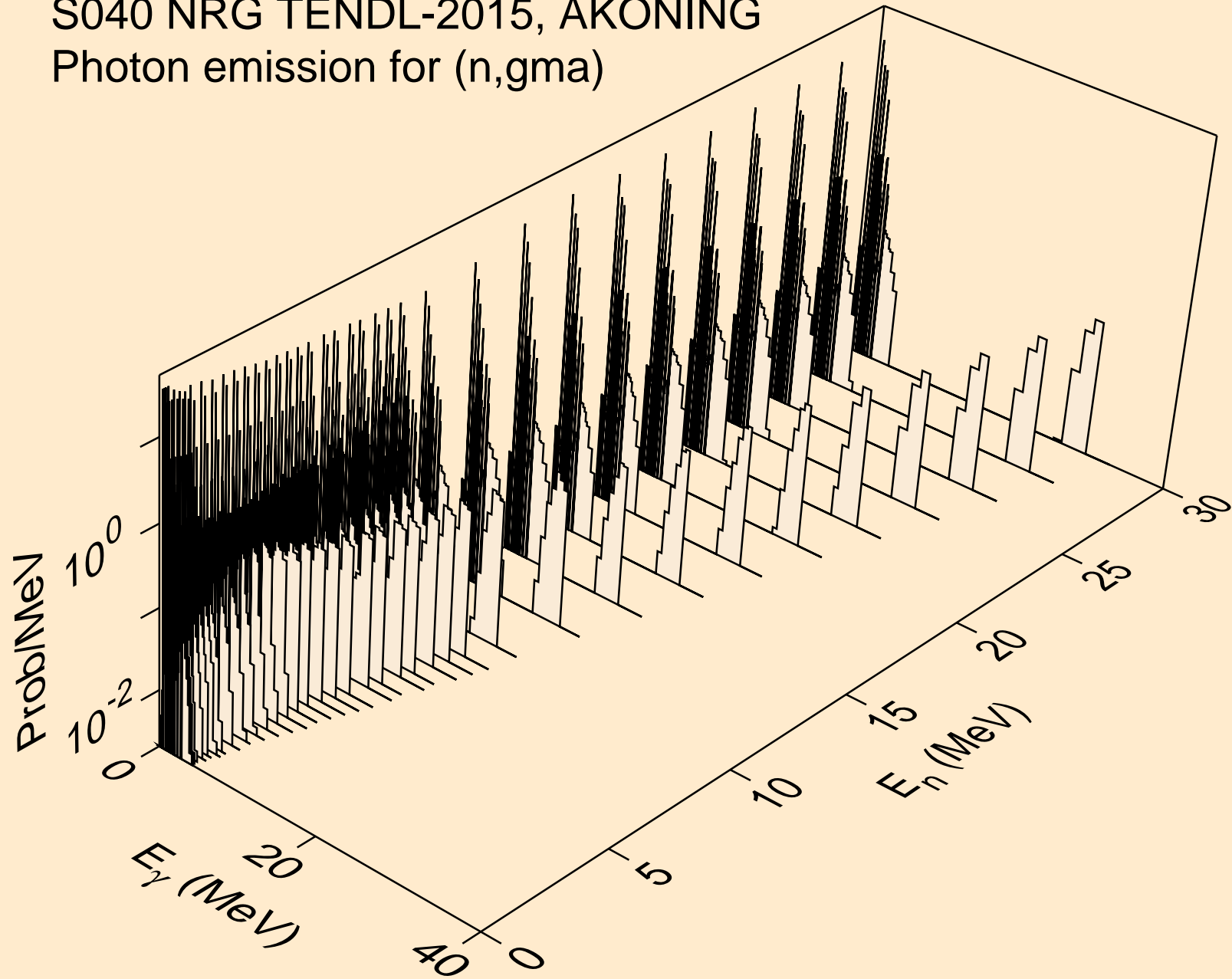




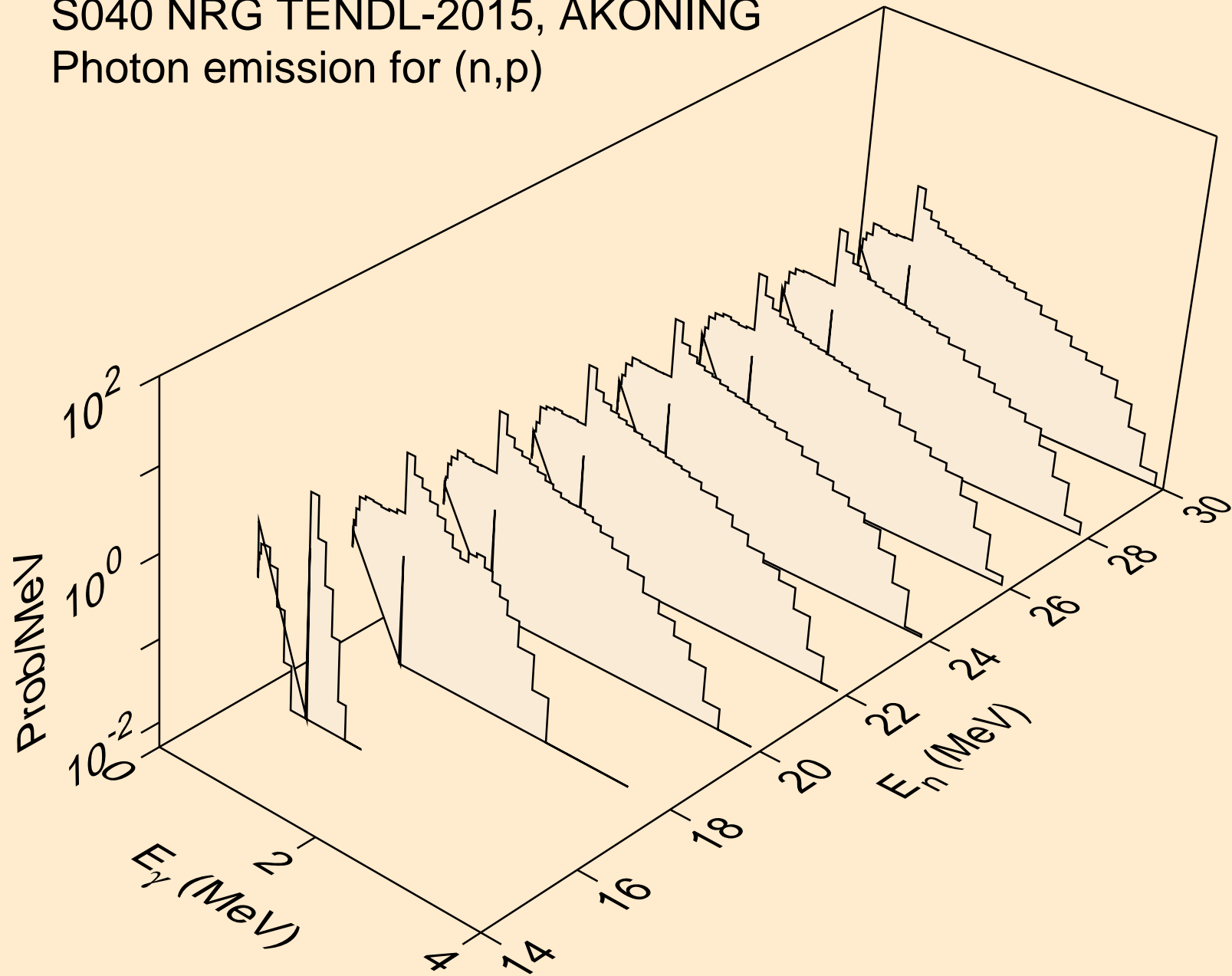
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



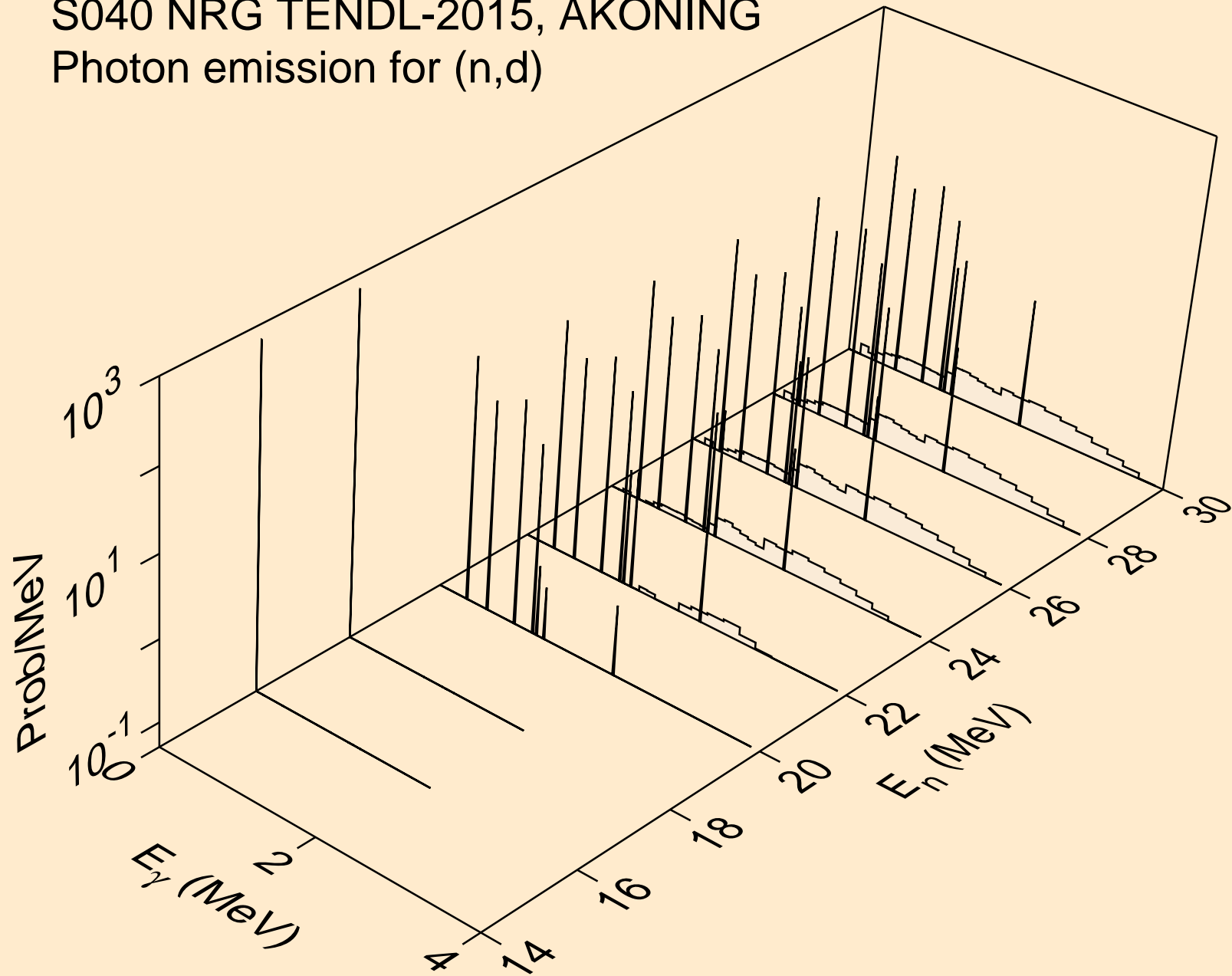
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



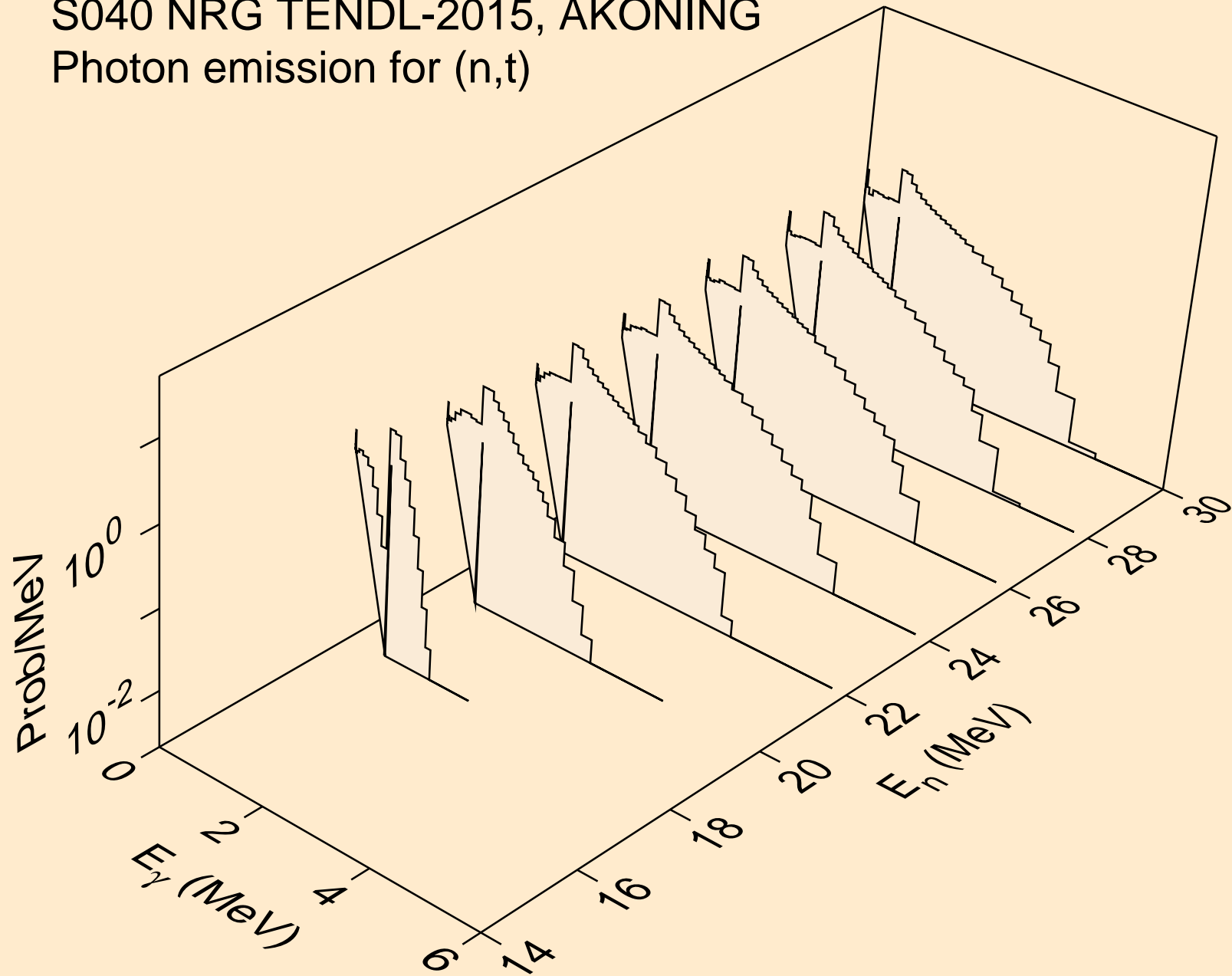
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



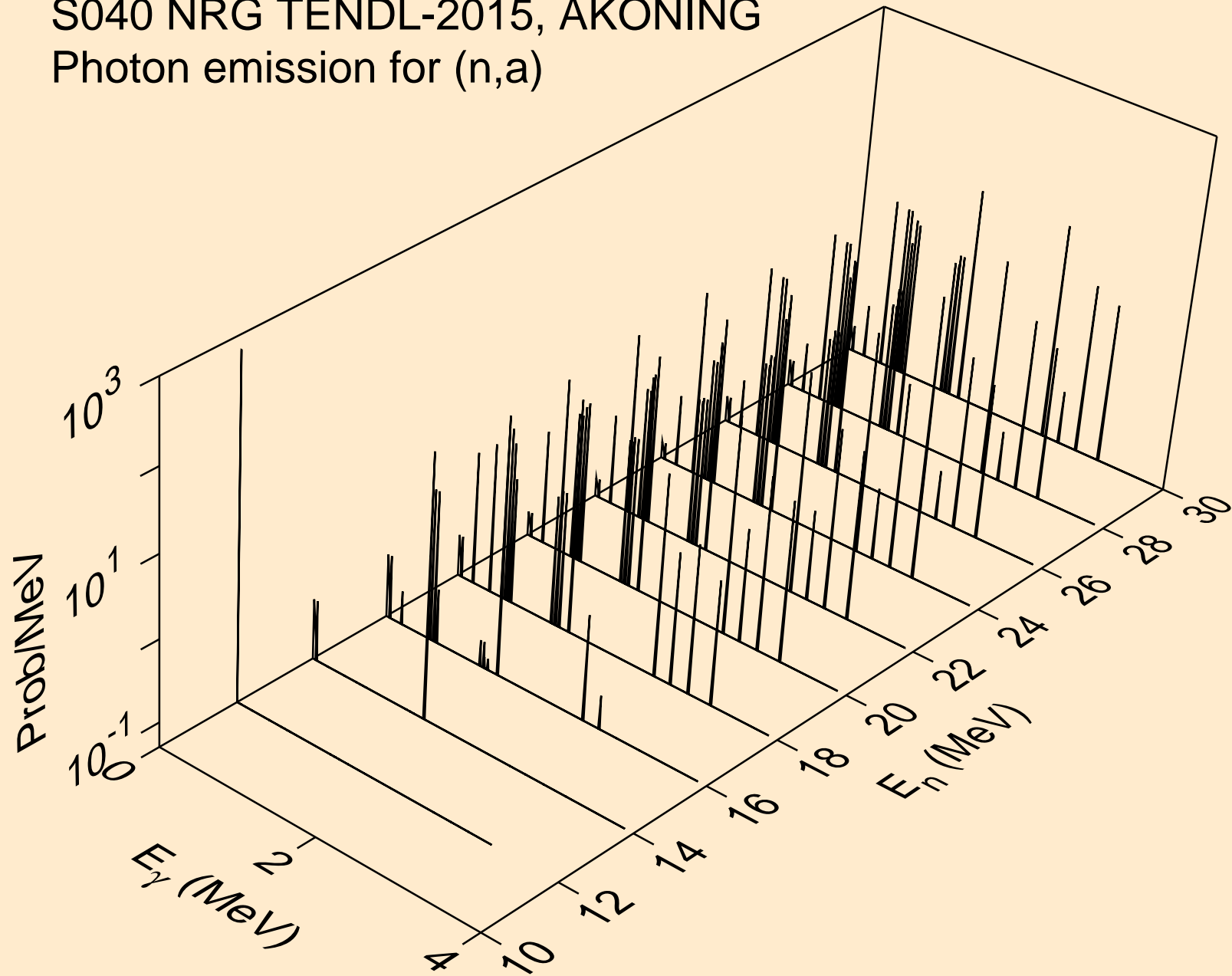
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



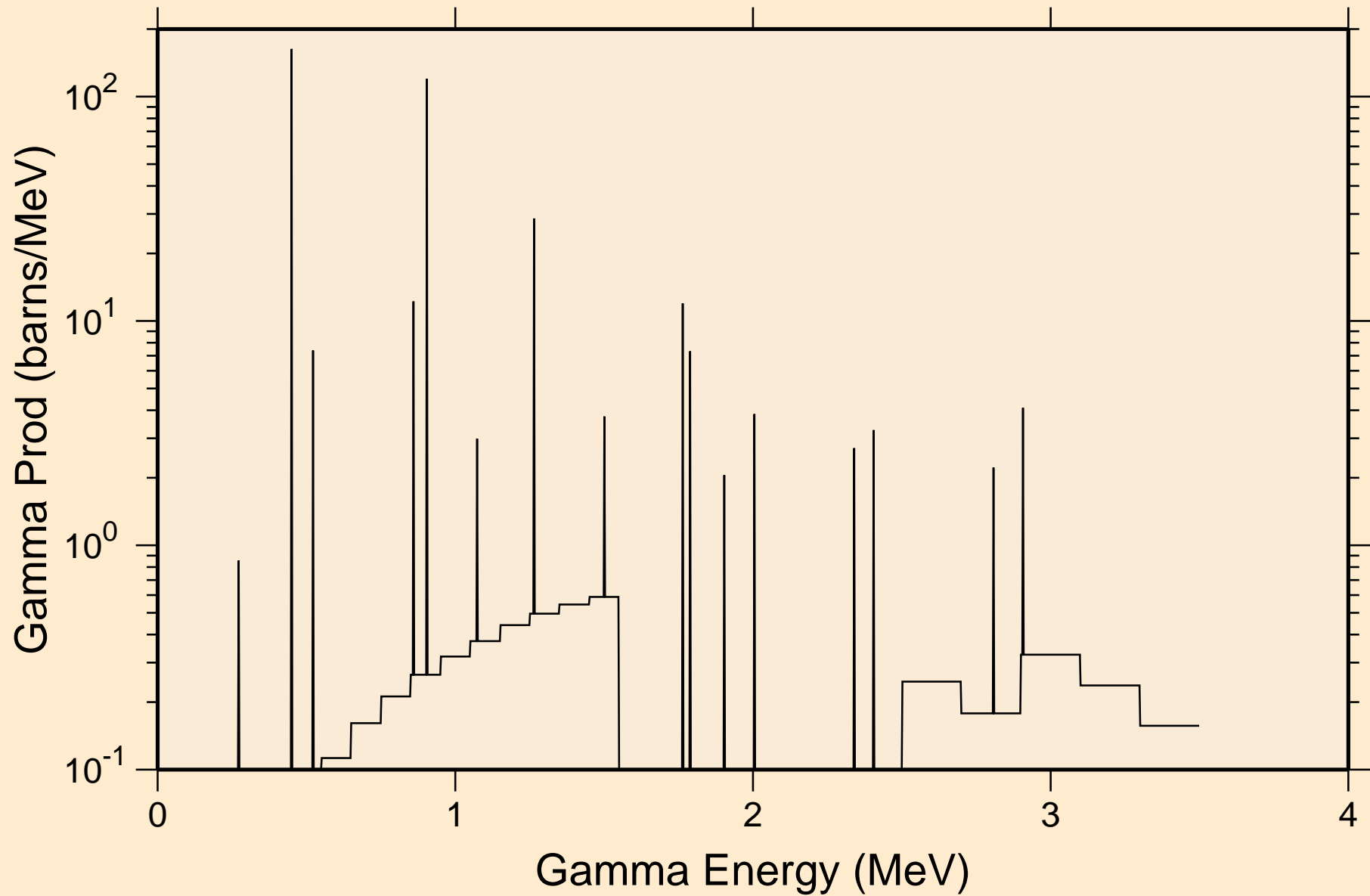
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



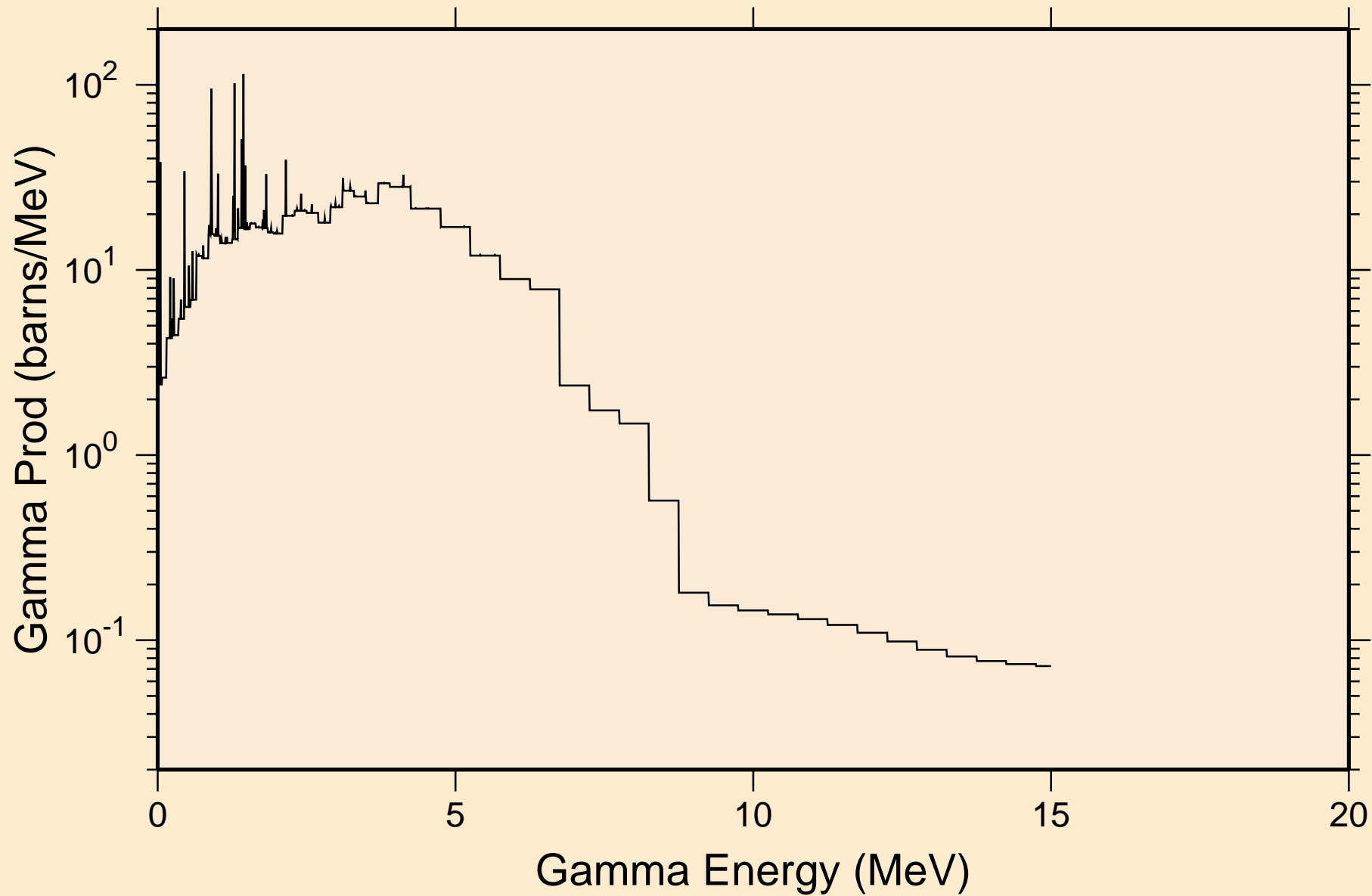
S040 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



S040 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



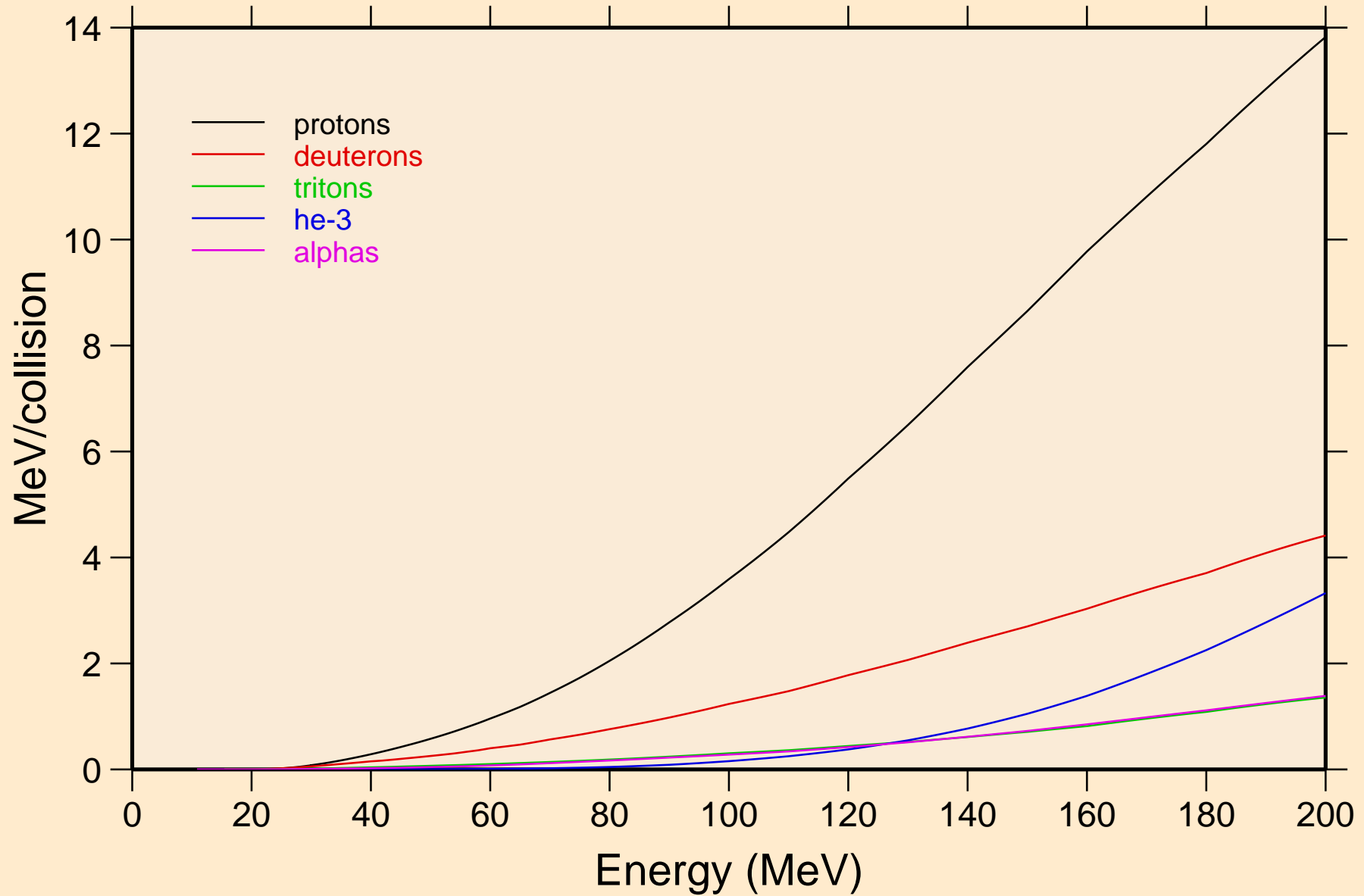
S040 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





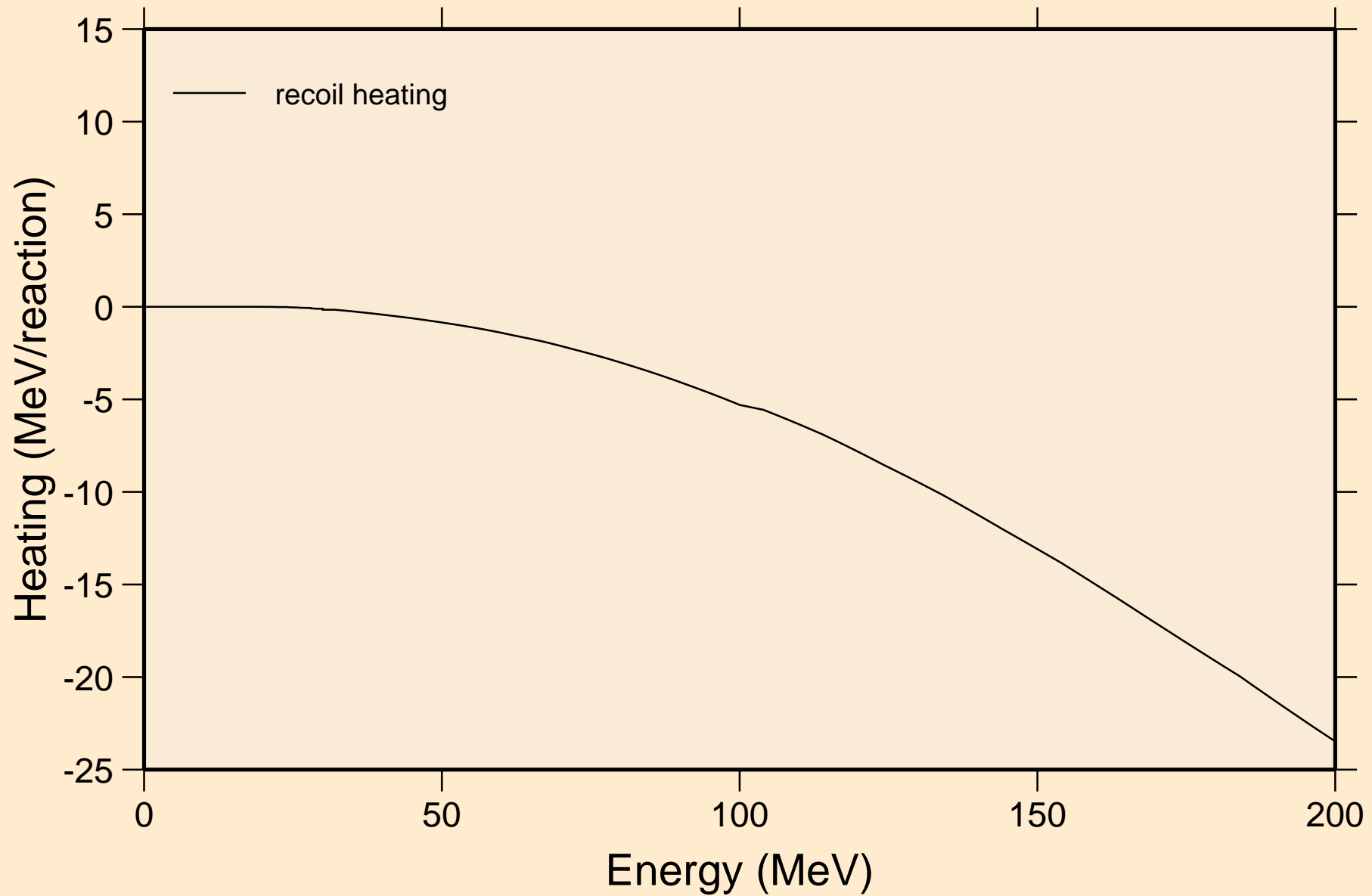
# S040 NRG TENDL-2015, AKONING

## Particle heating contributions



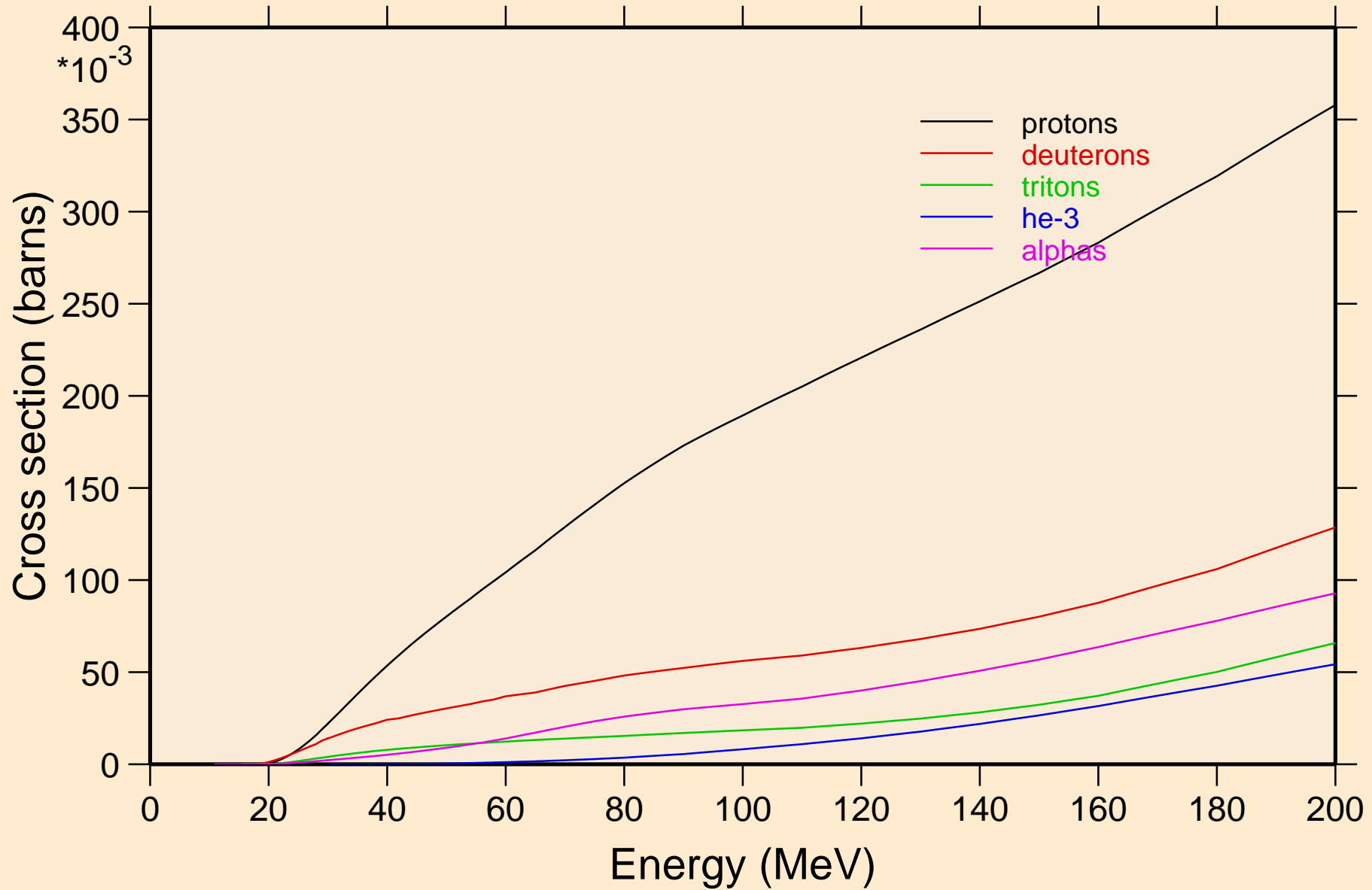
# S040 NRG TENDL-2015, AKONING

## Recoil Heating

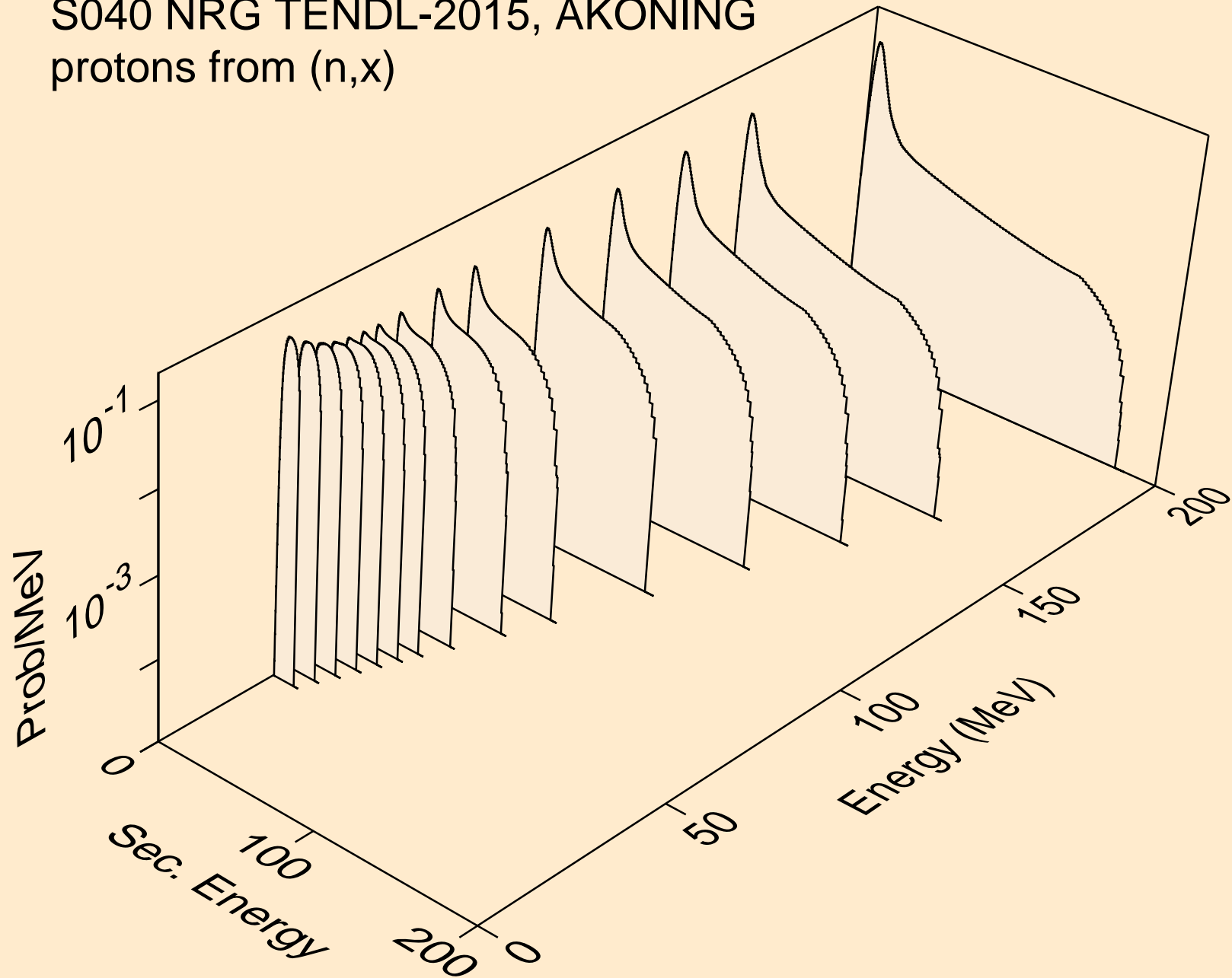


# S040 NRG TENDL-2015, AKONING

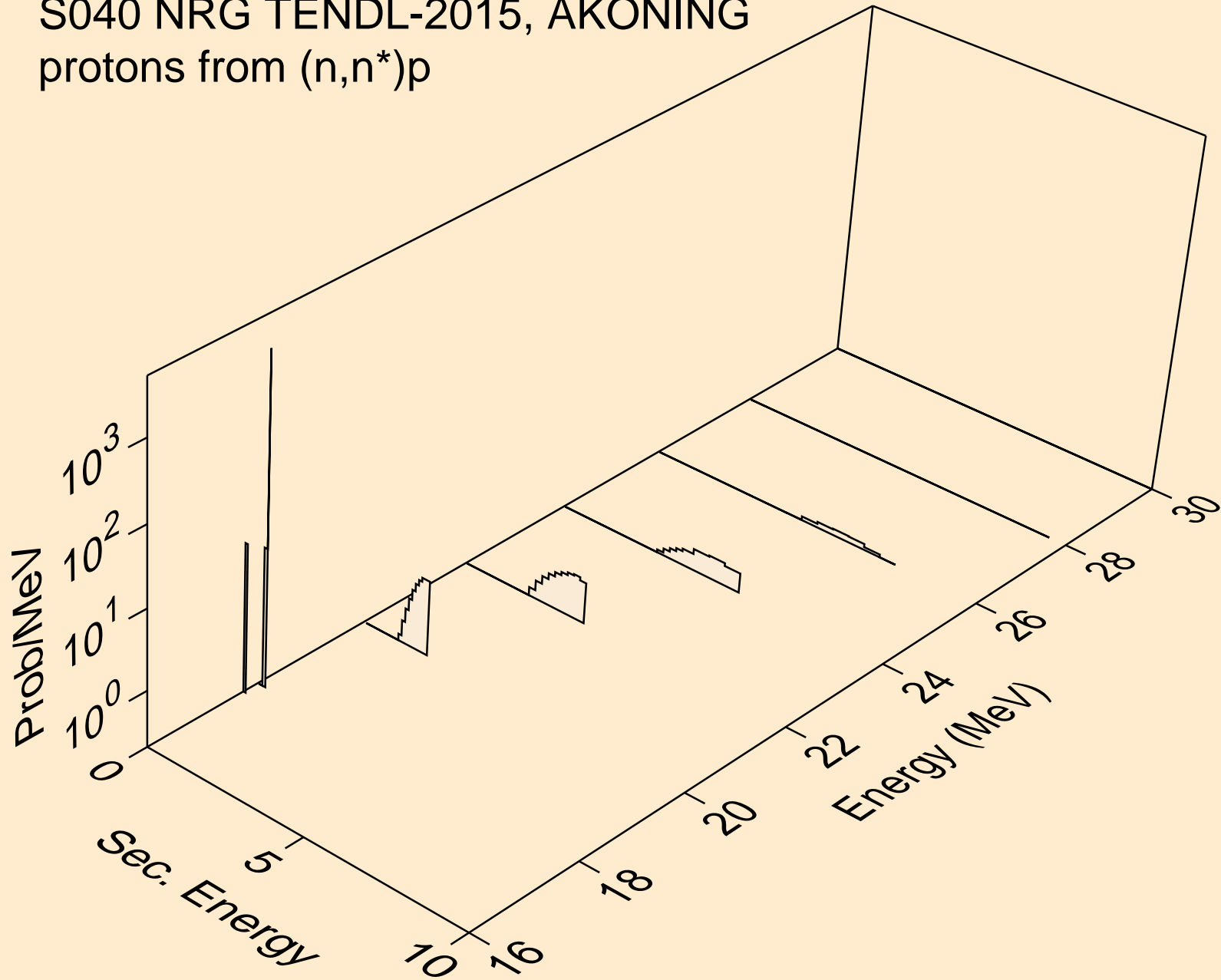
## Particle production cross sections



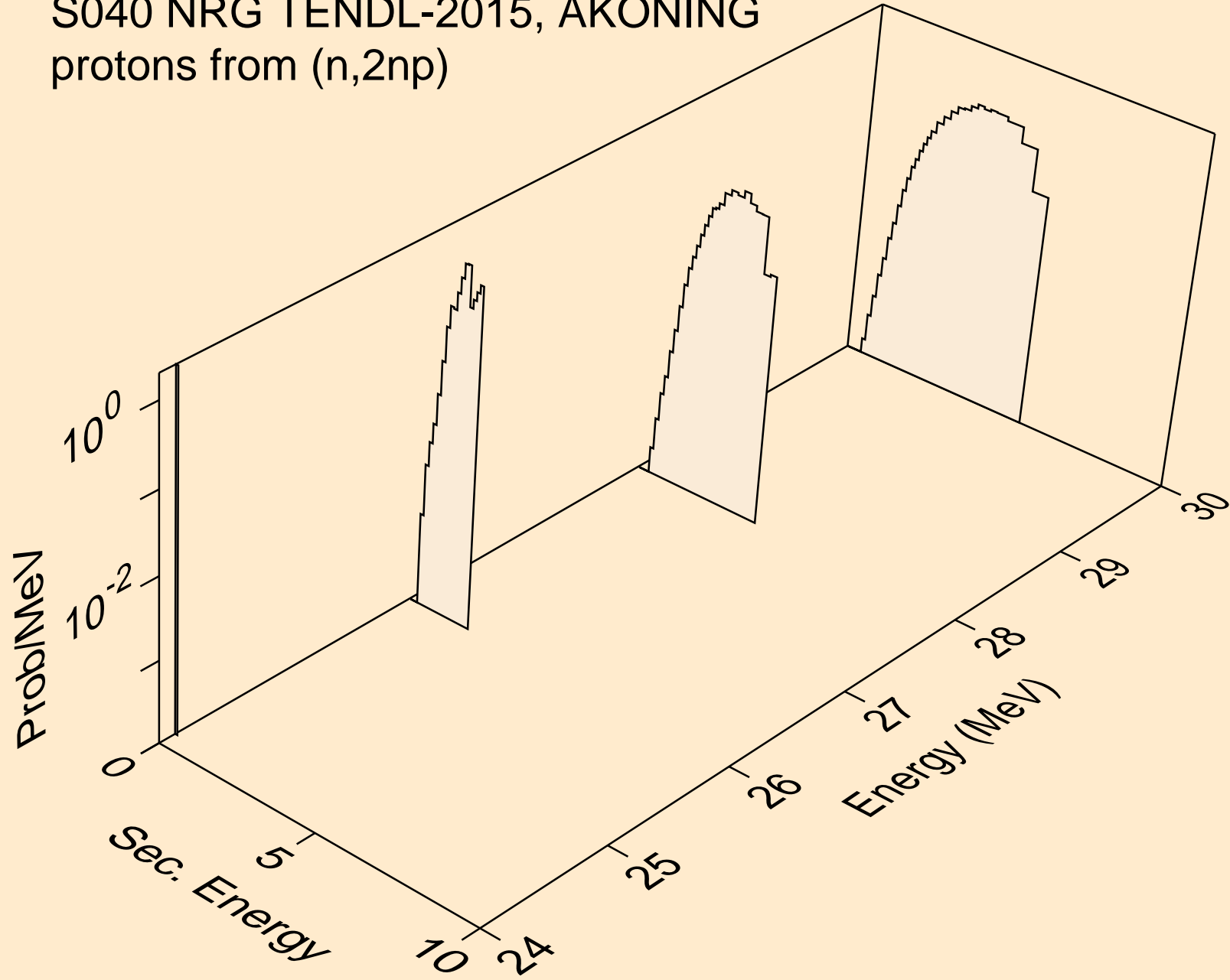
S040 NRG TENDL-2015, AKONING  
protons from (n,x)



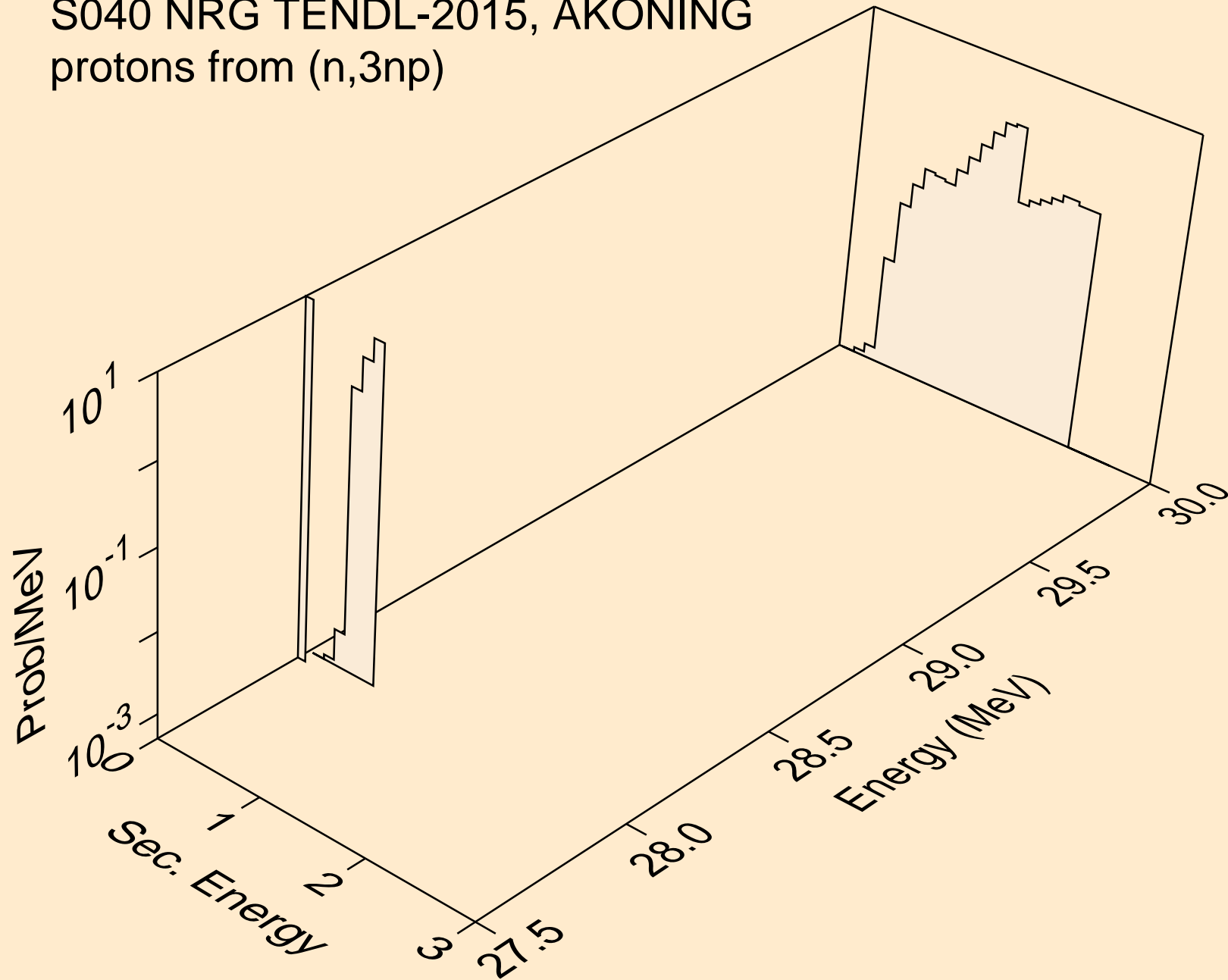
S040 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



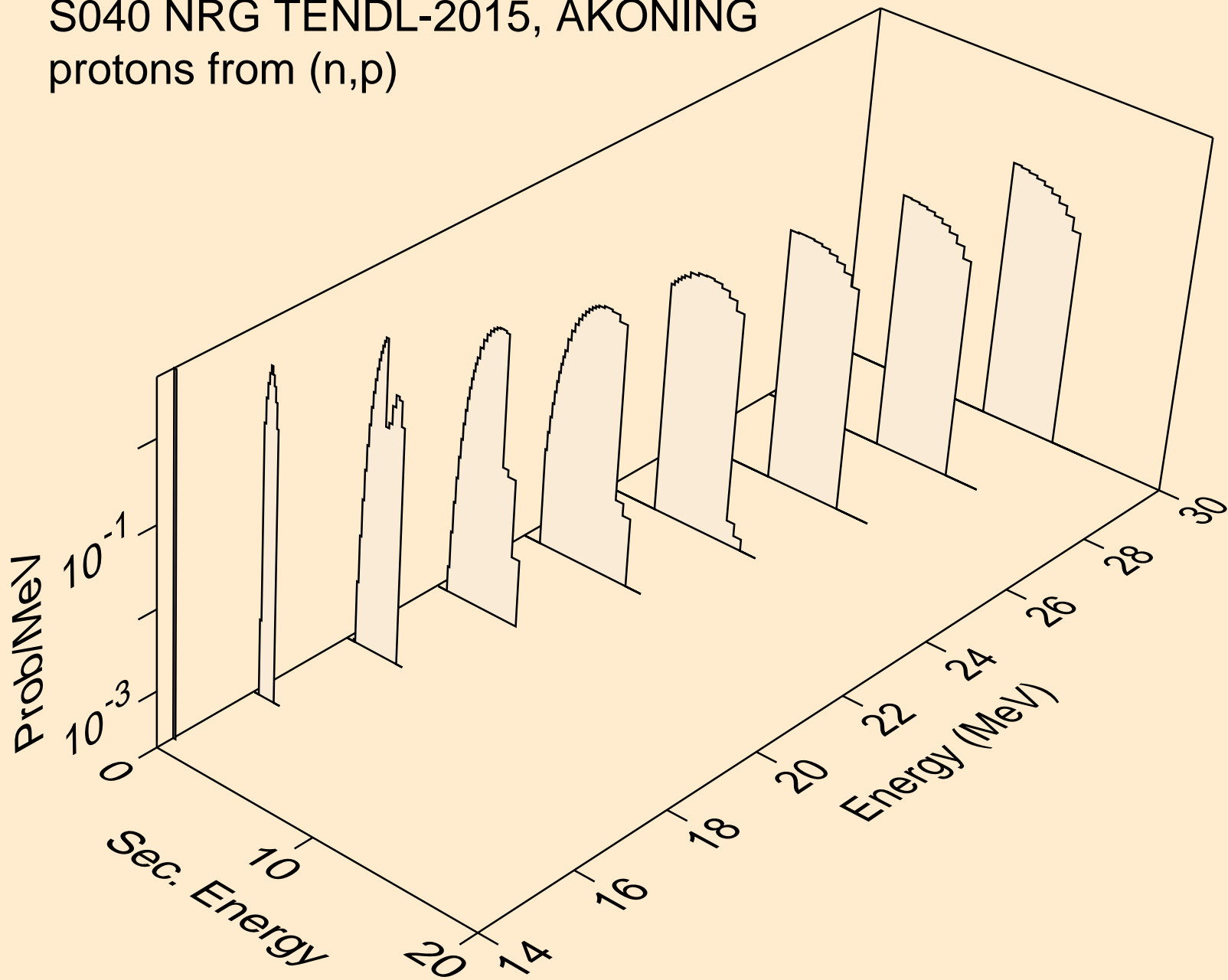
S040 NRG TENDL-2015, AKONING  
protons from (n,2np)



S040 NRG TENDL-2015, AKONING  
protons from (n,3np)

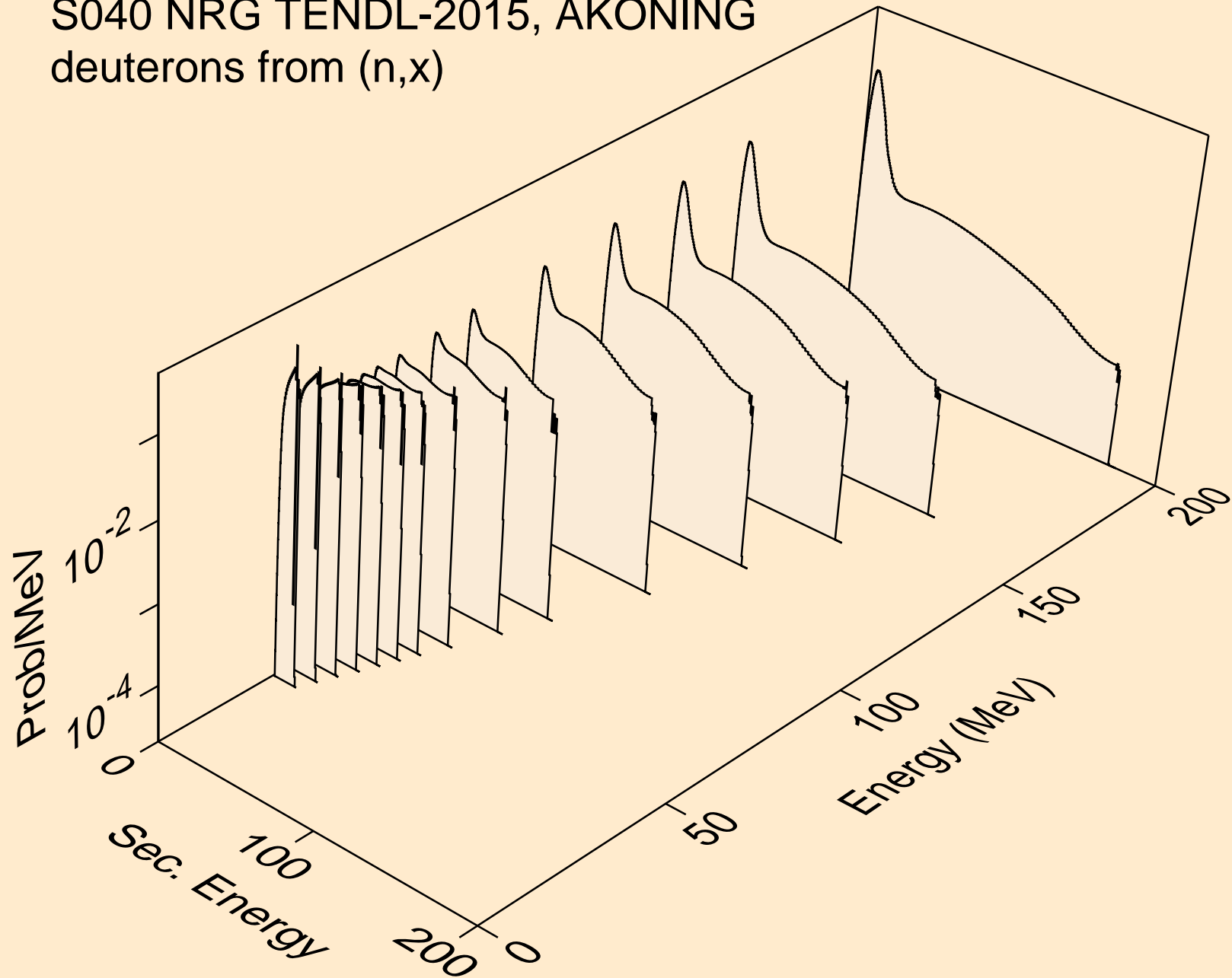


S040 NRG TENDL-2015, AKONING  
protons from (n,p)

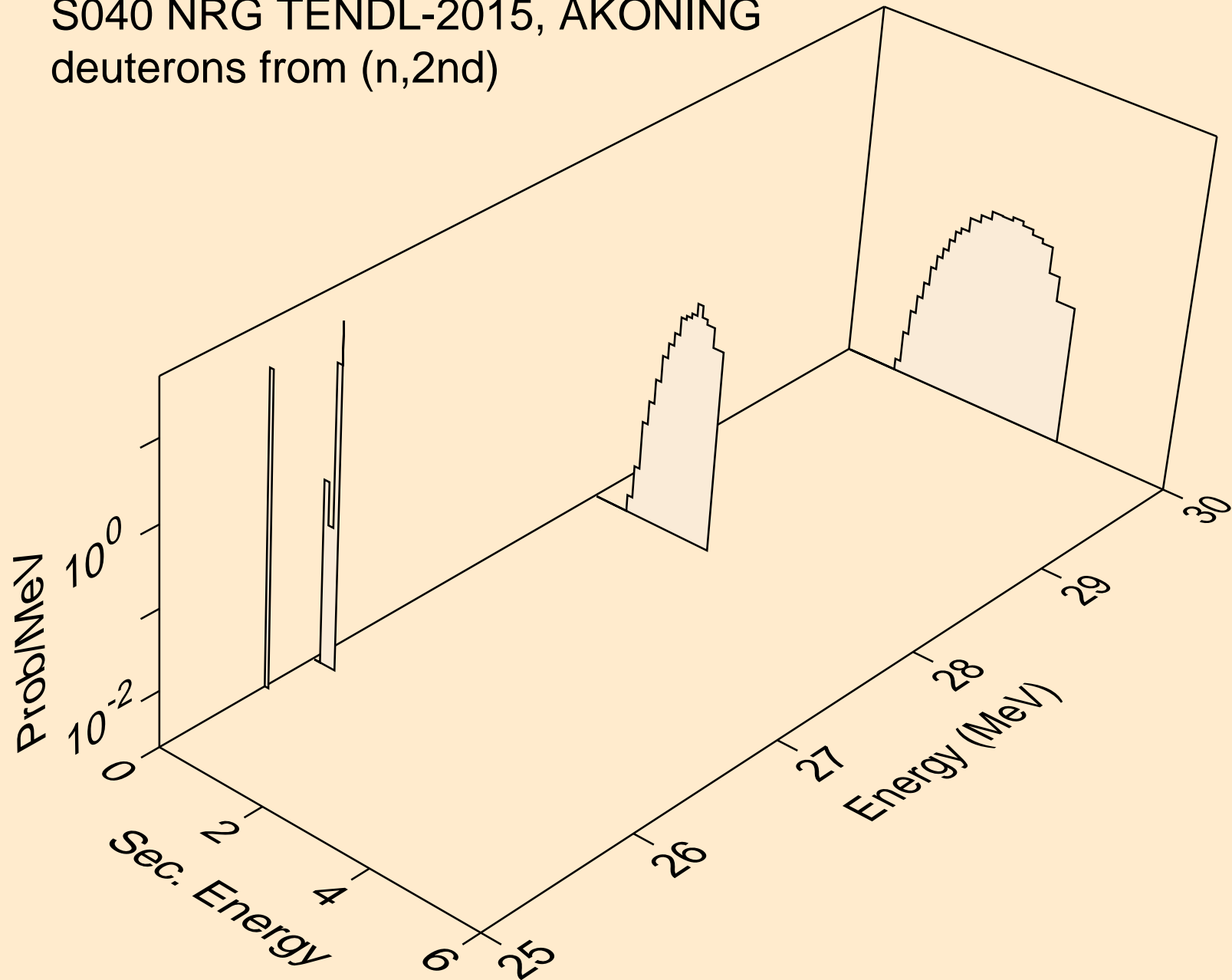




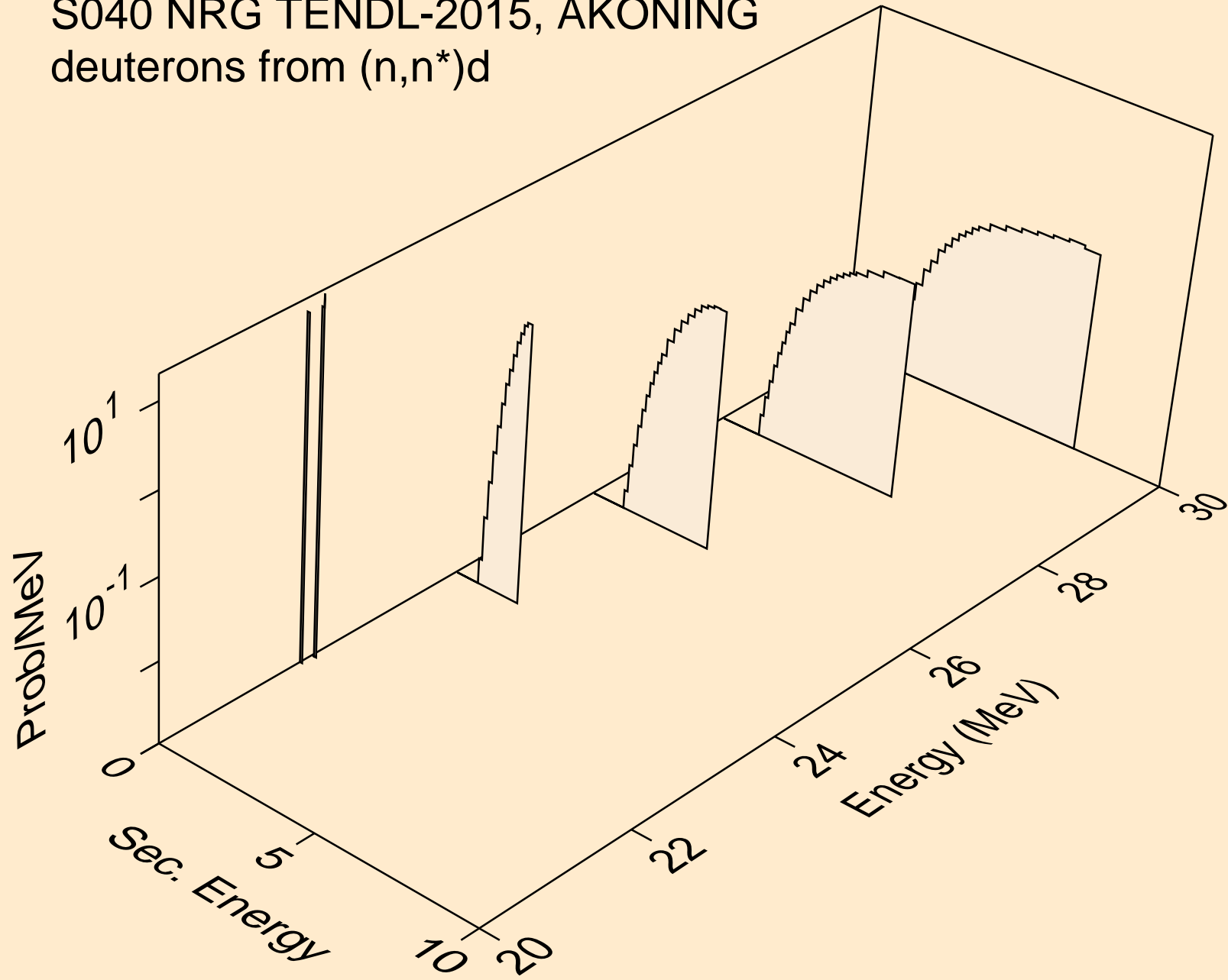
S040 NRG TENDL-2015, AKONING  
deuterons from (n,x)



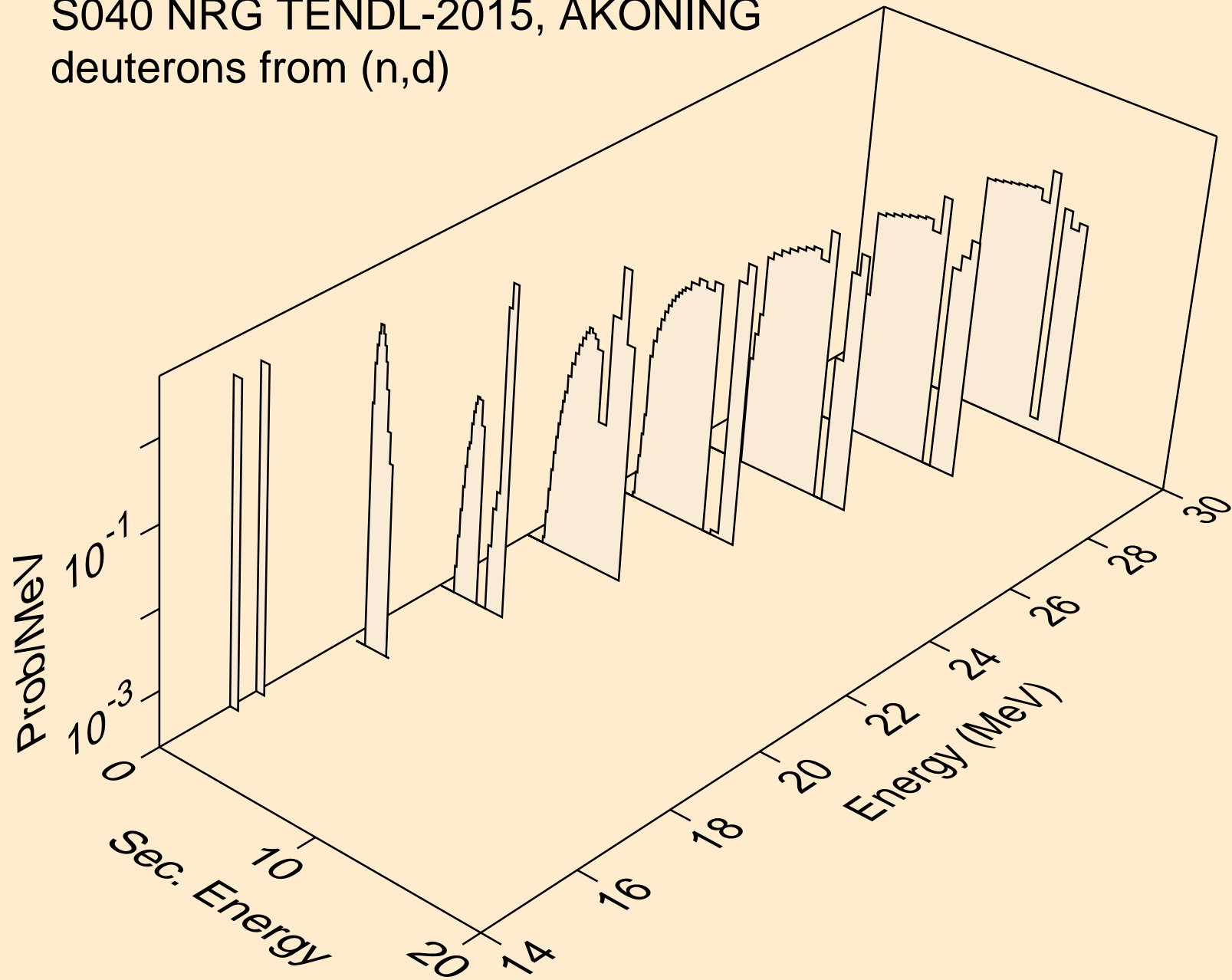
S040 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



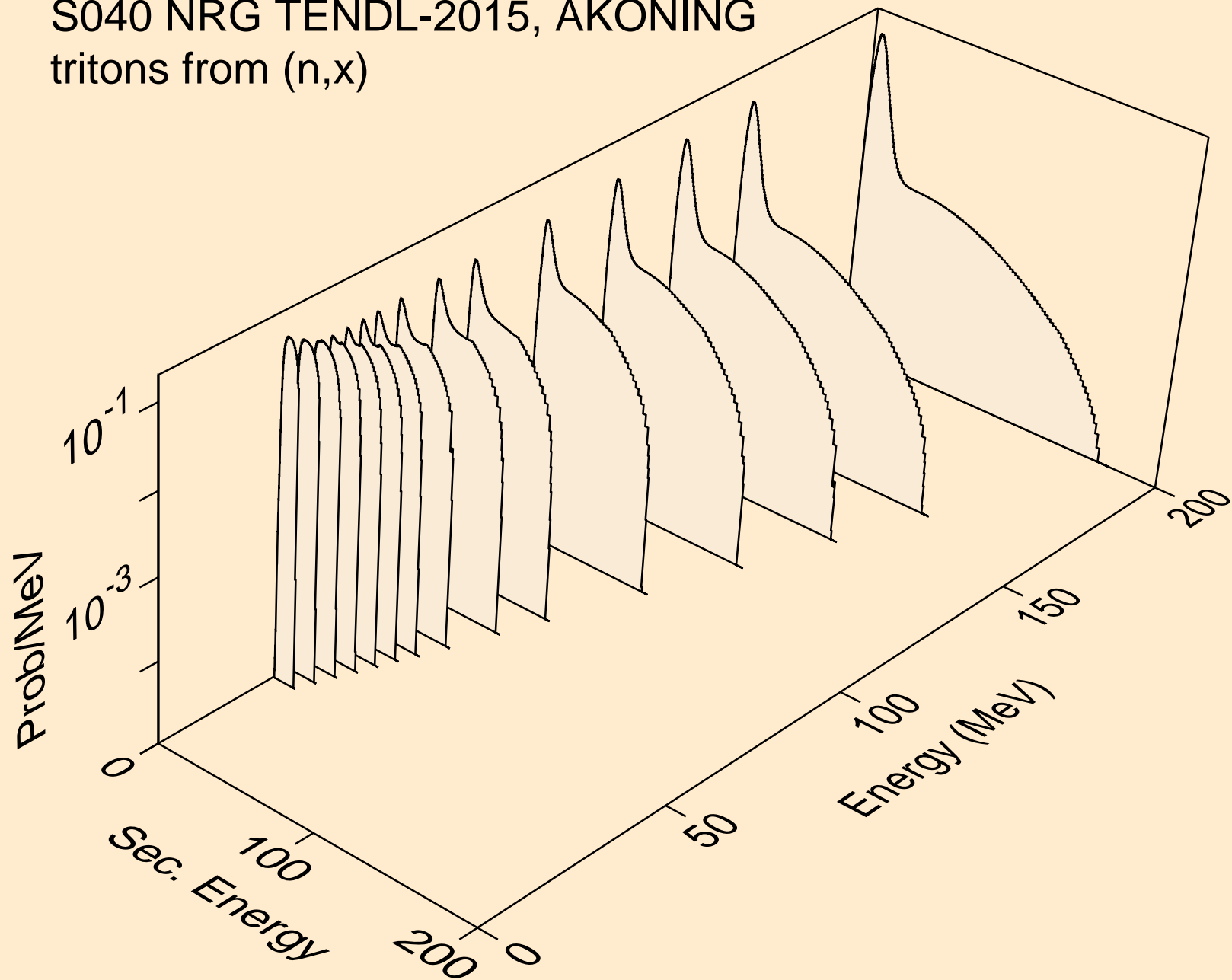
S040 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



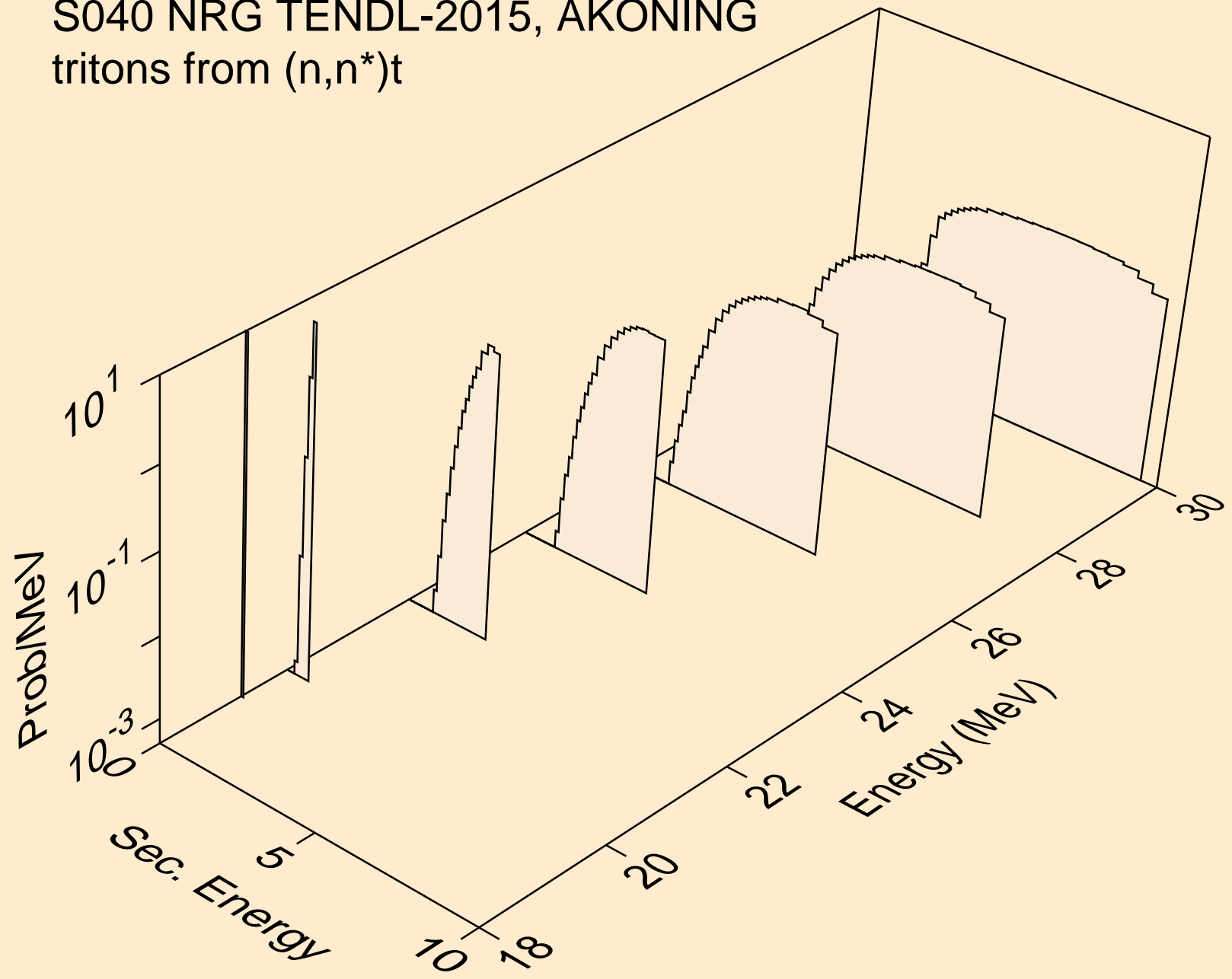
S040 NRG TENDL-2015, AKONING  
deuterons from (n,d)



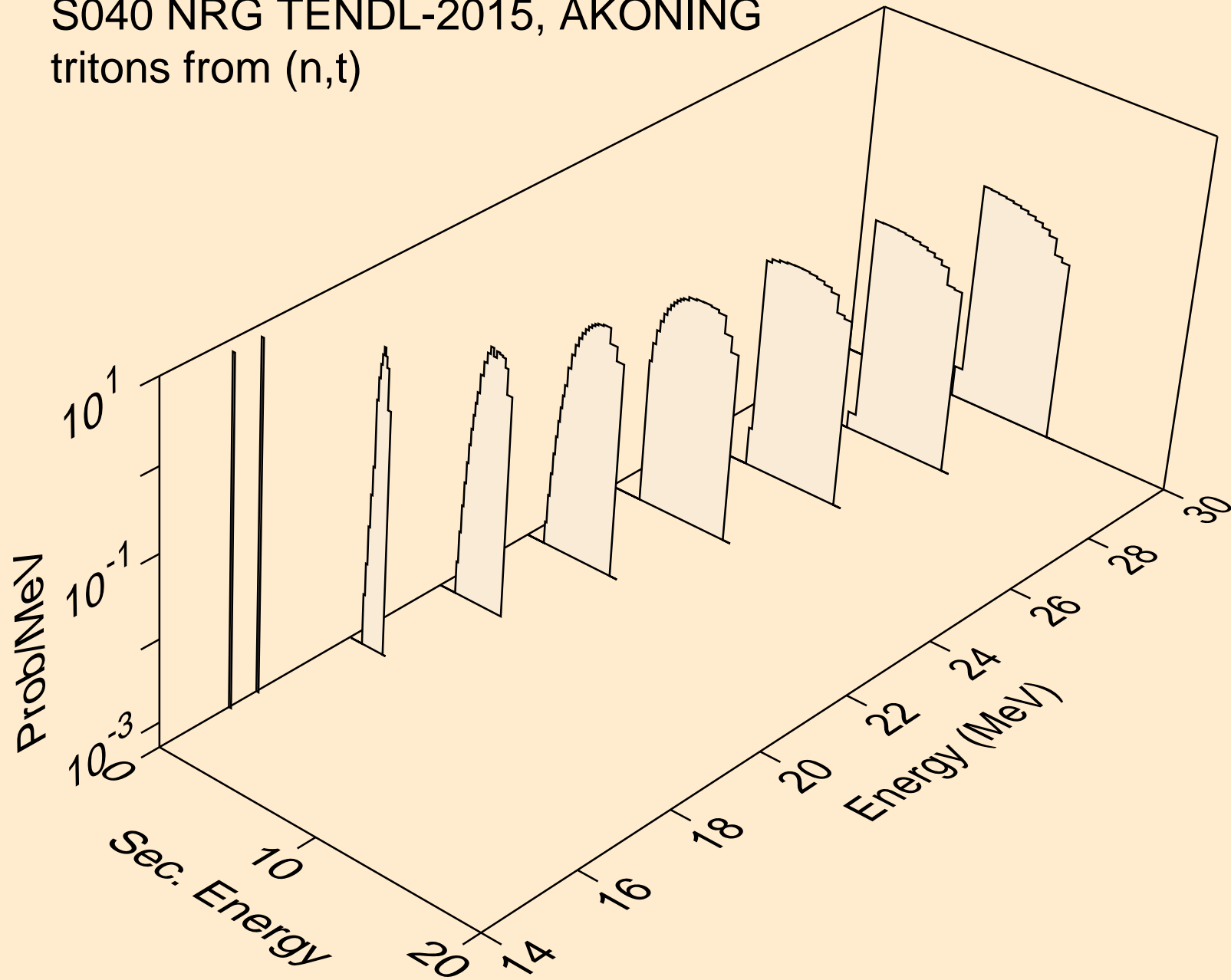
S040 NRG TENDL-2015, AKONING  
tritons from (n,x)



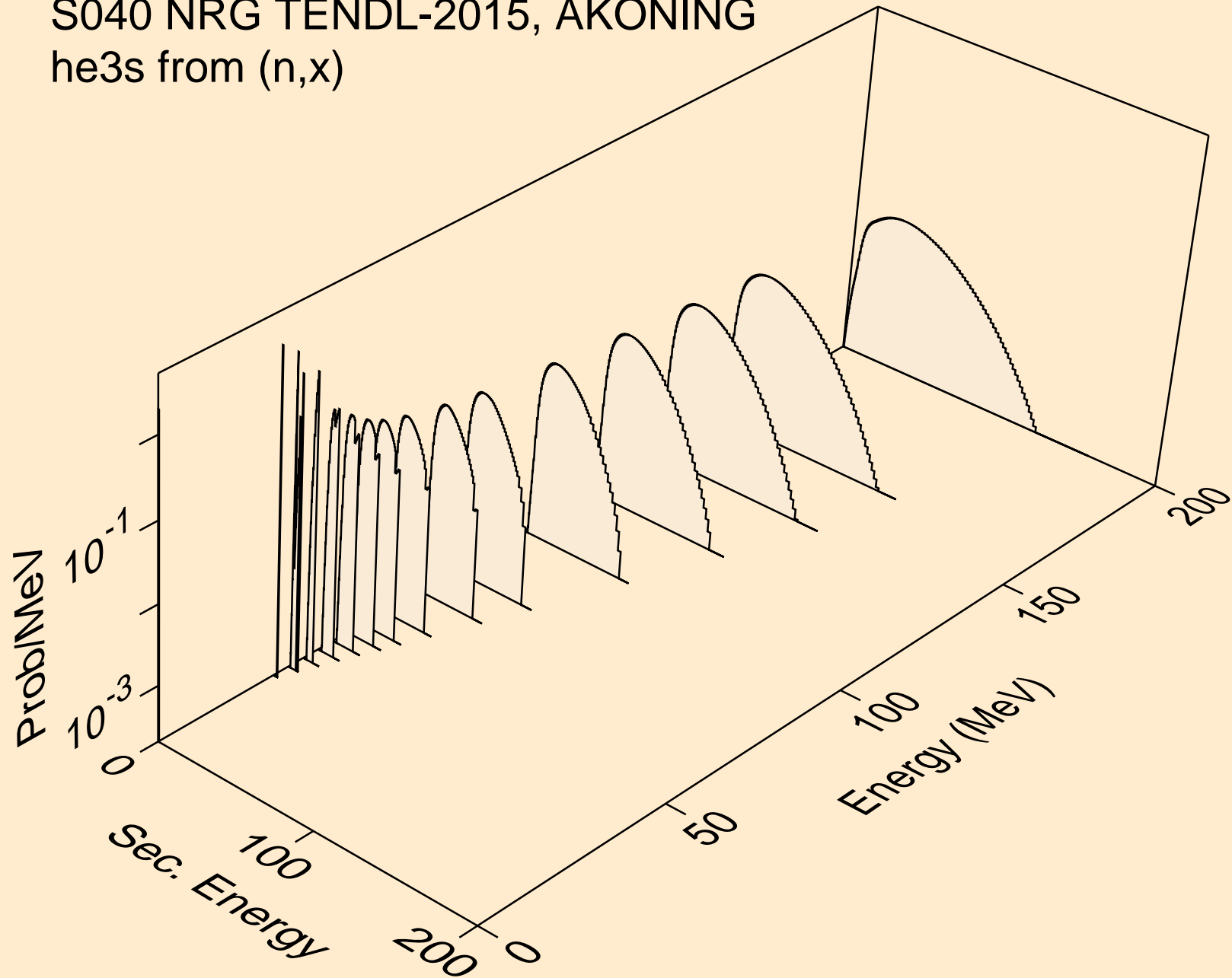
S040 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



S040 NRG TENDL-2015, AKONING  
tritons from (n,t)

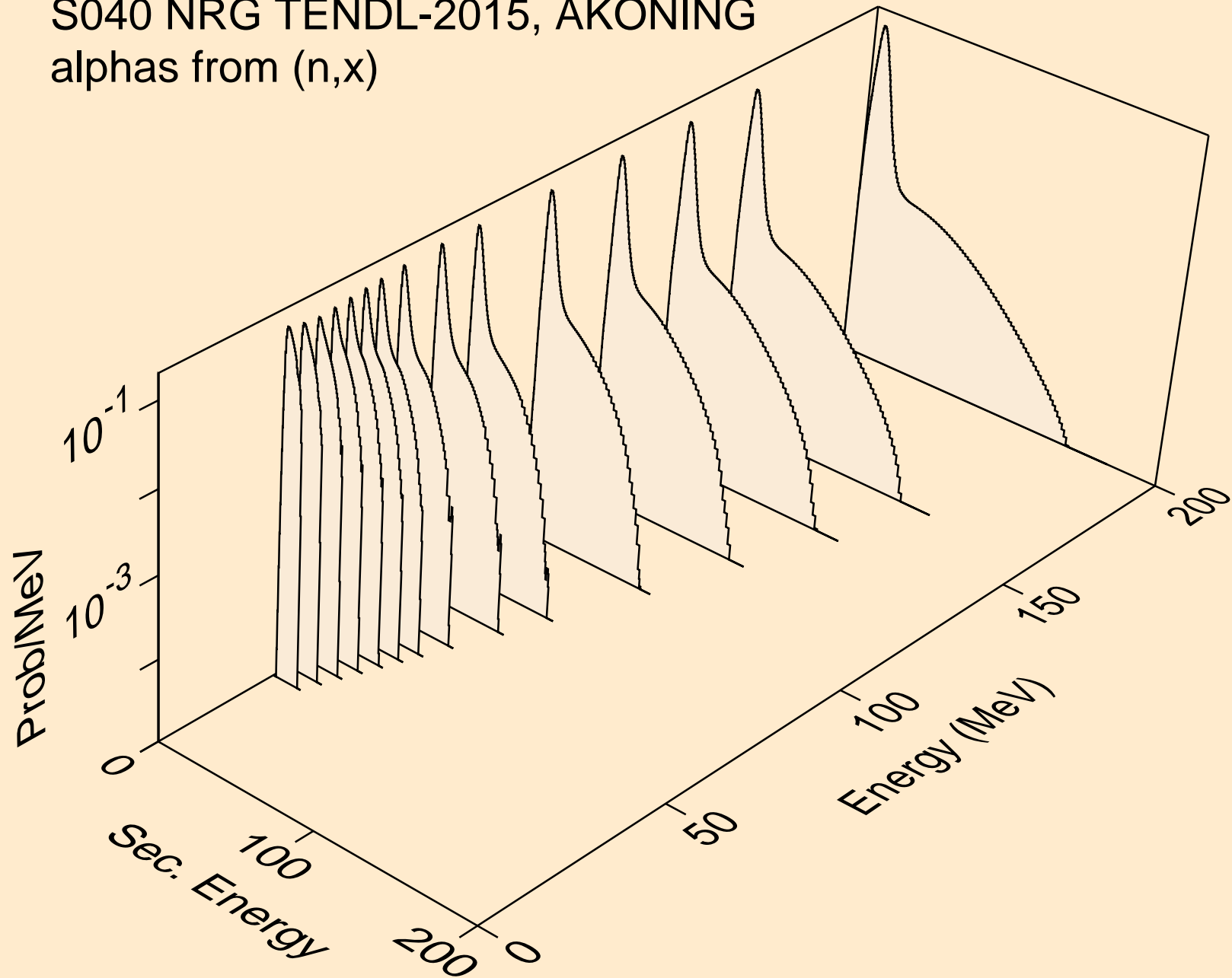


S040 NRG TENDL-2015, AKONING  
he3s from (n,x)

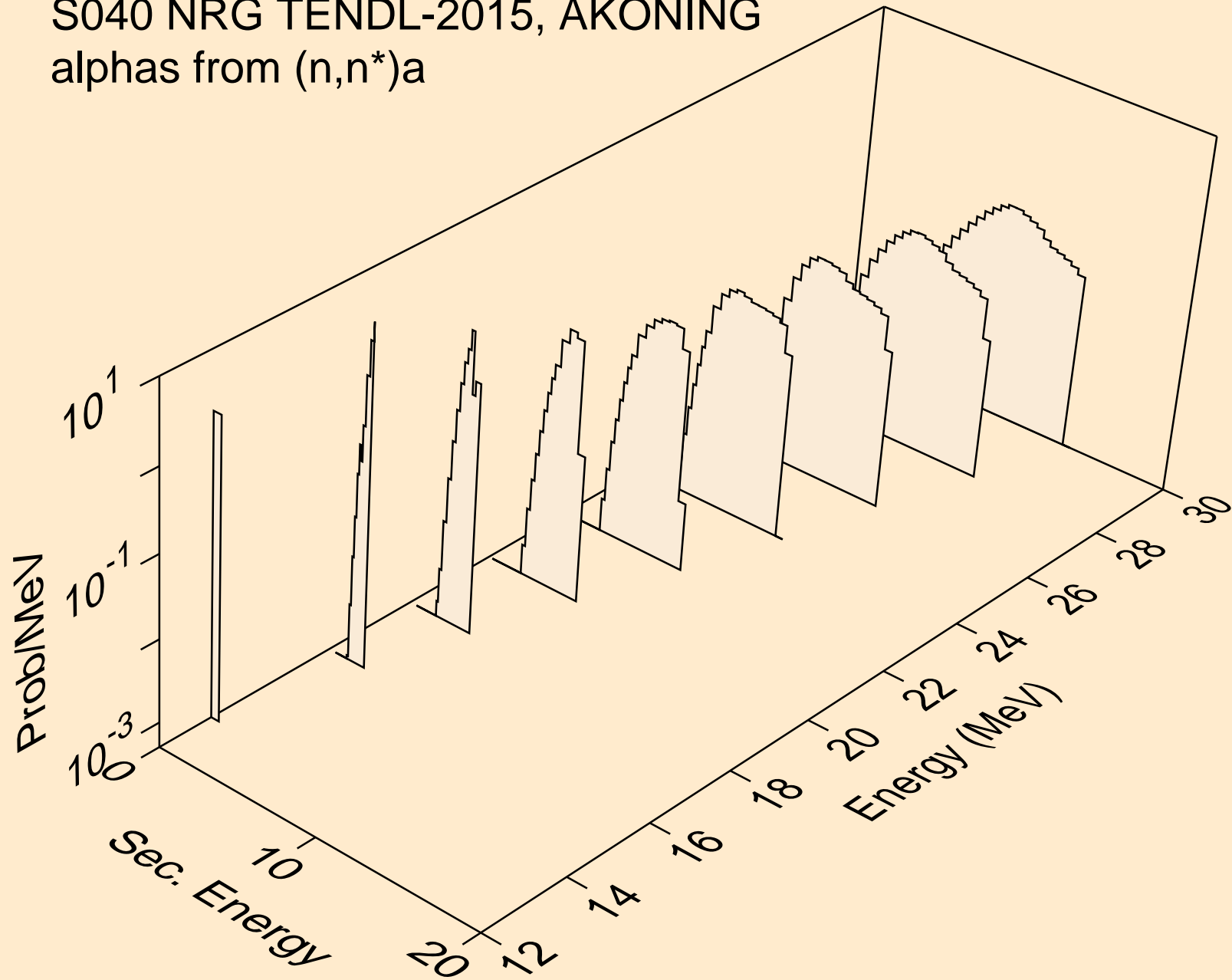




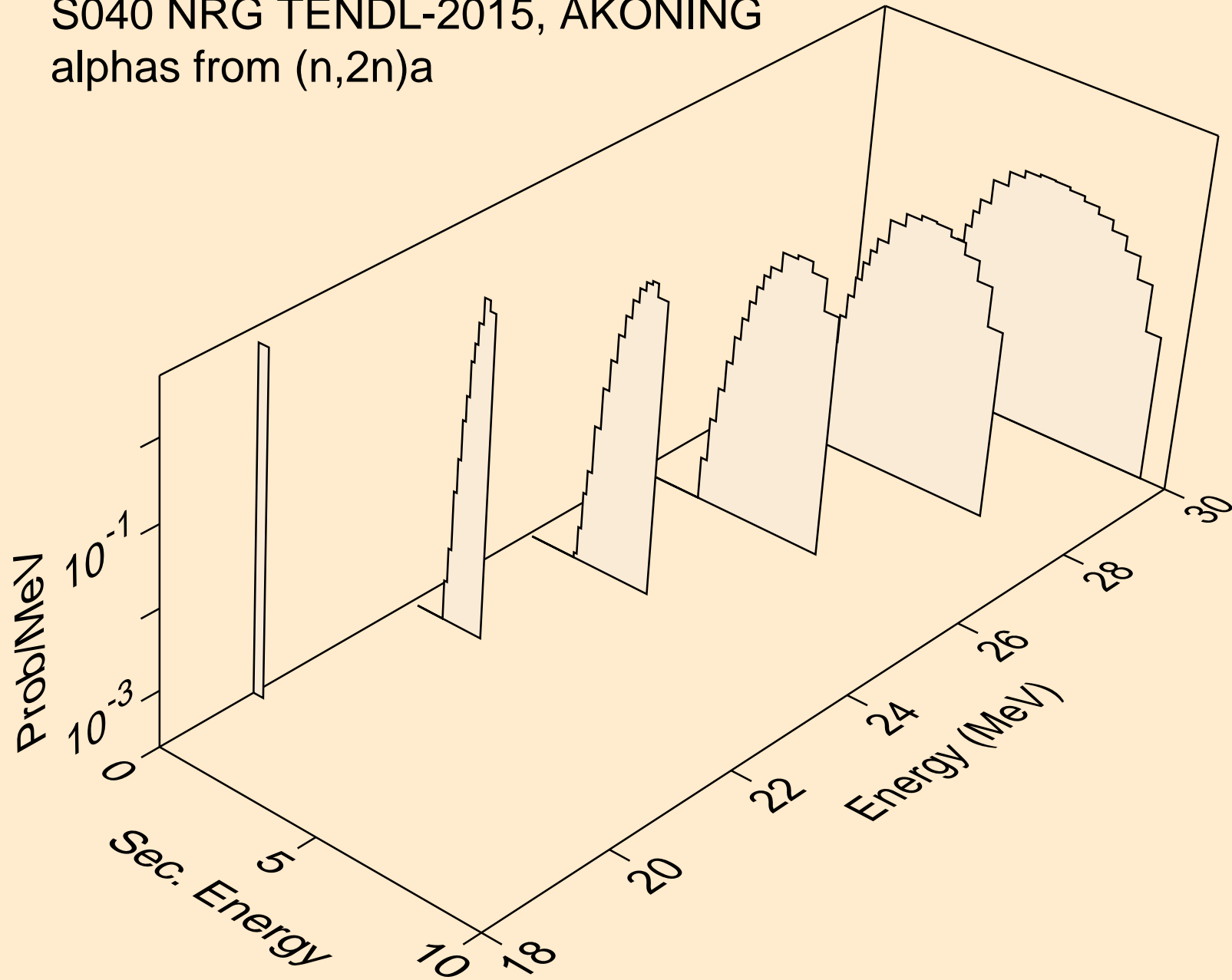
S040 NRG TENDL-2015, AKONING  
alphas from (n,x)



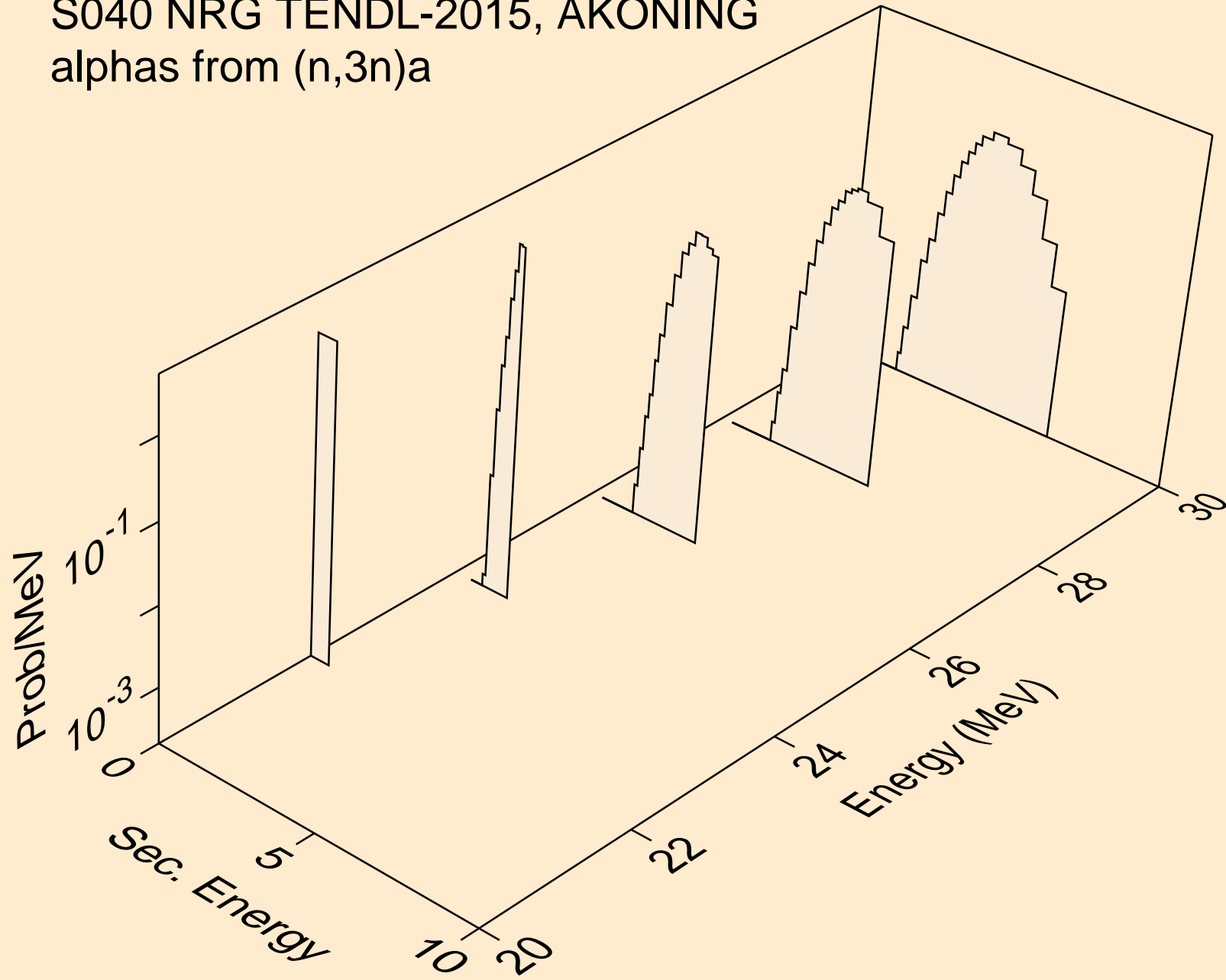
S040 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



S040 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



S040 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



S040 NRG TENDL-2015, AKONING  
alphas from (n,a)

