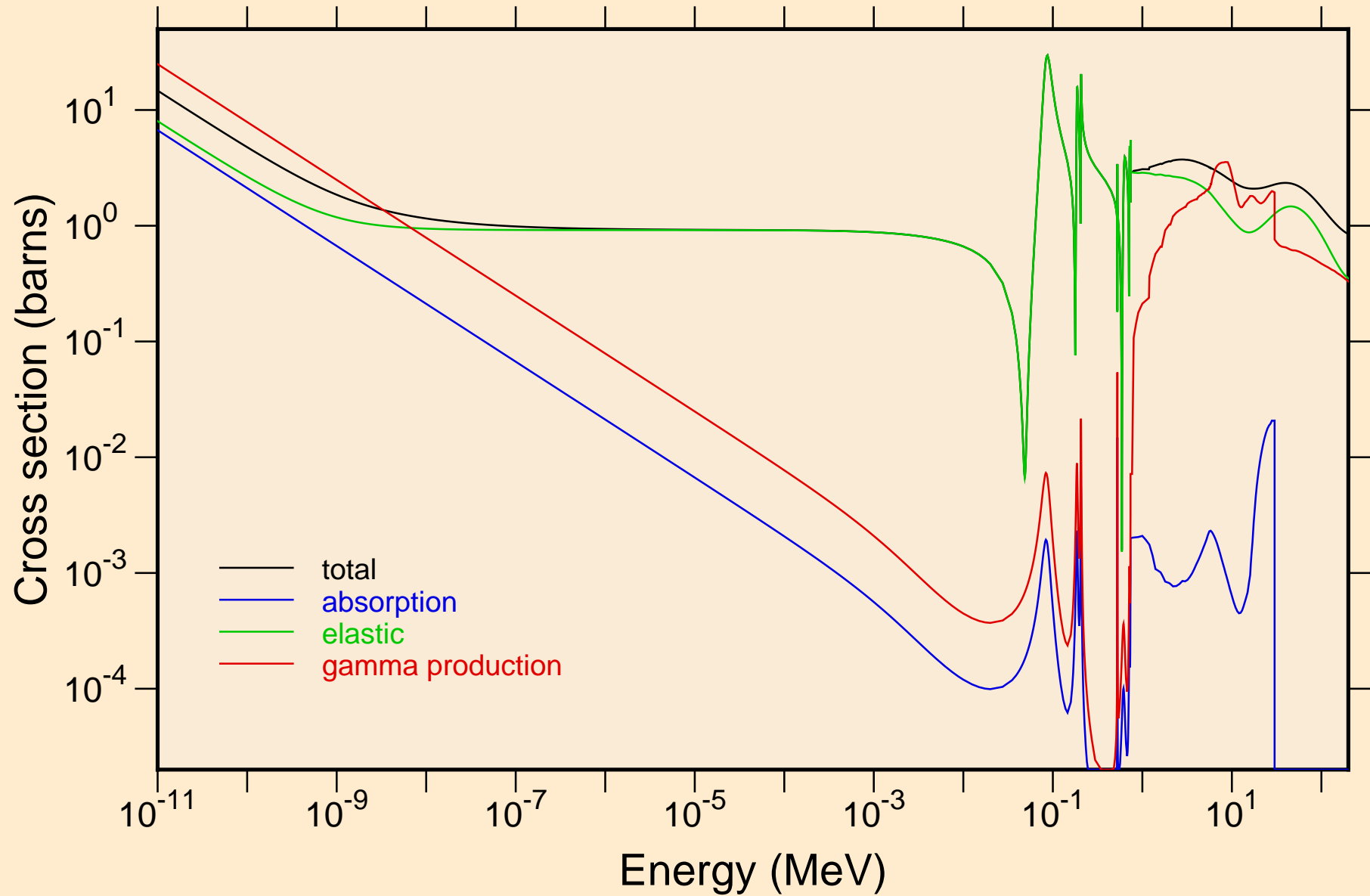
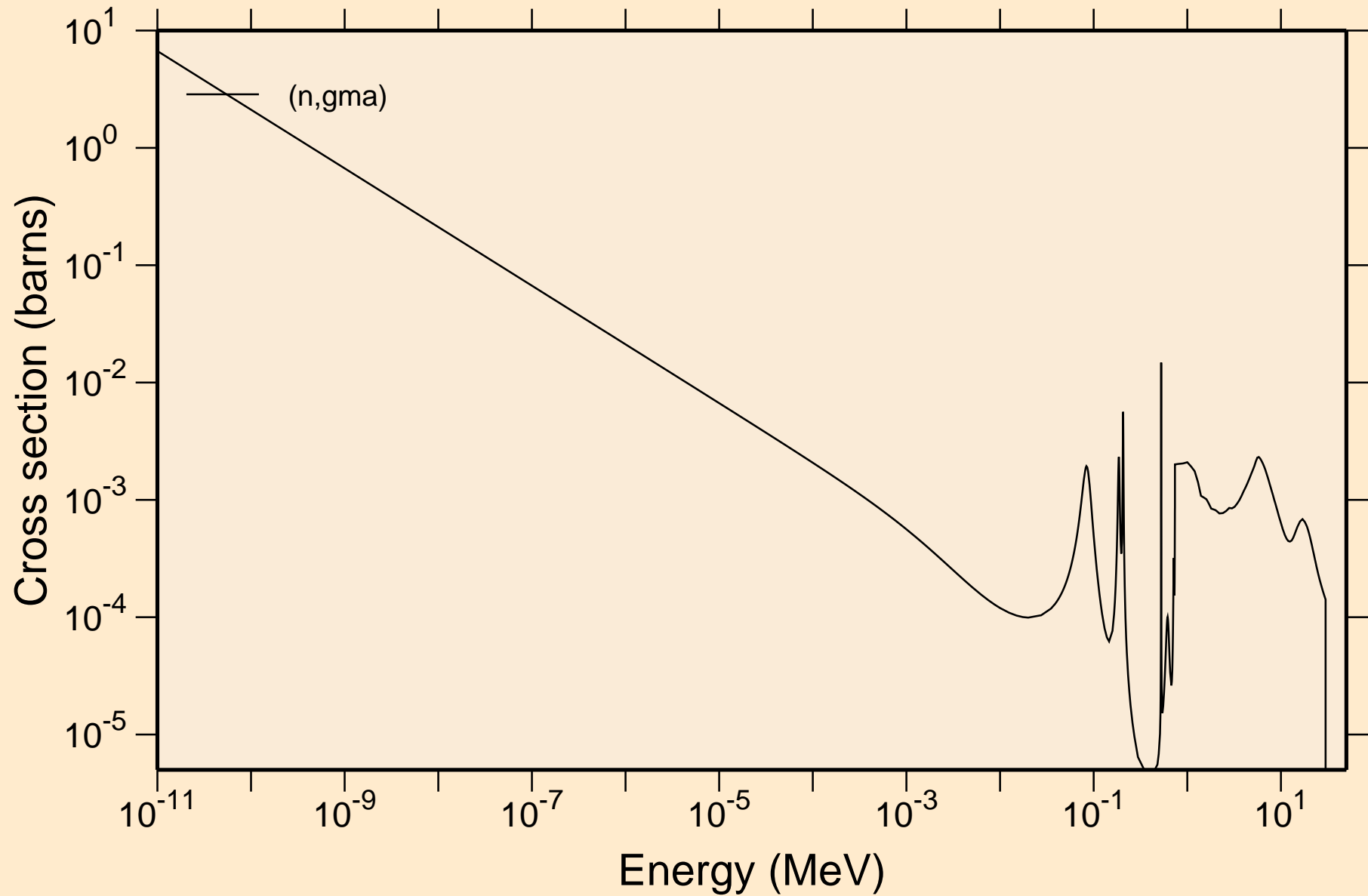


# AR044 NRG TENDL-2015, AKONING

## Principal cross sections

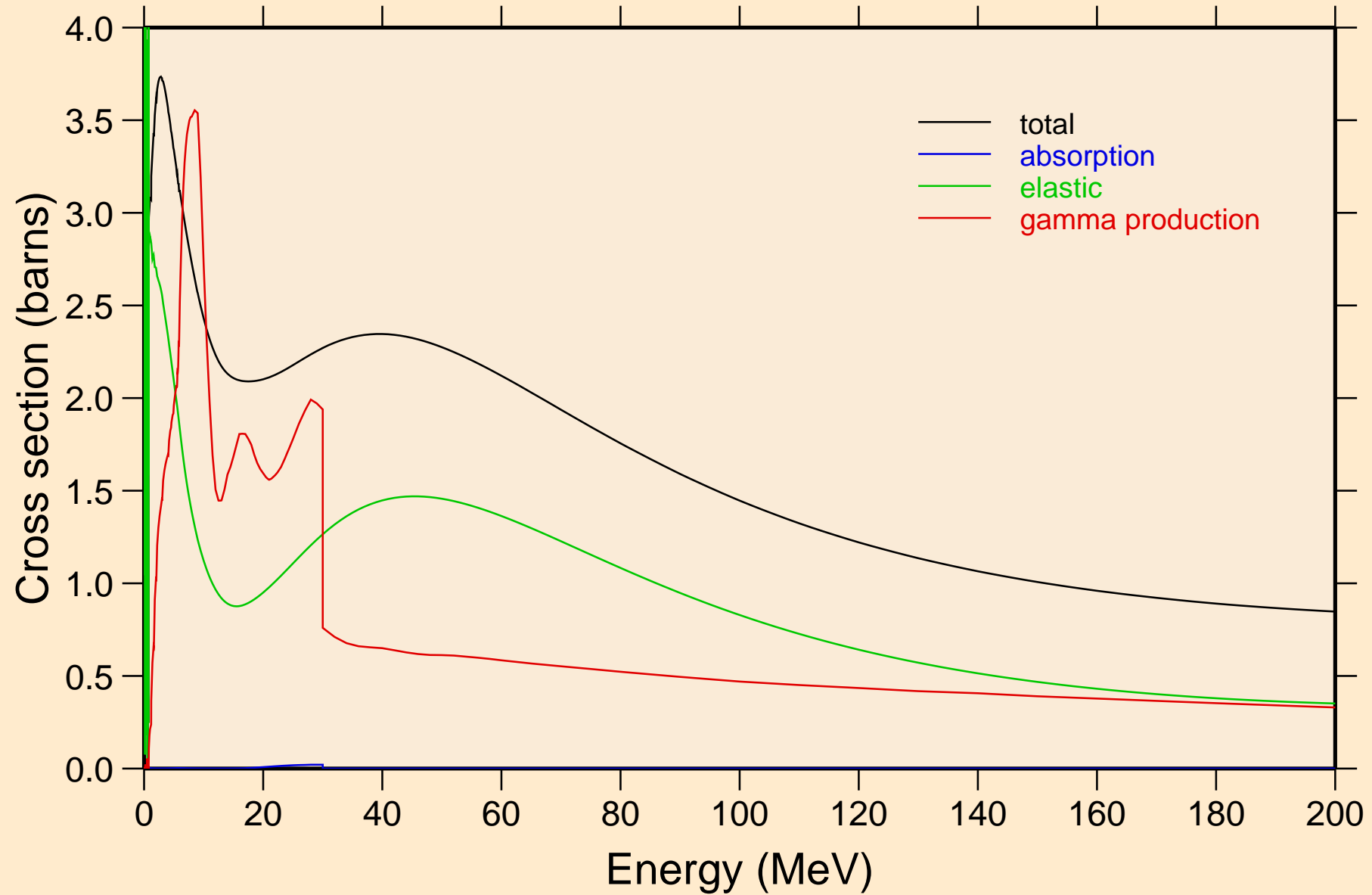


AR044 NRG TENDL-2015, AKONING  
Non-threshold reactions

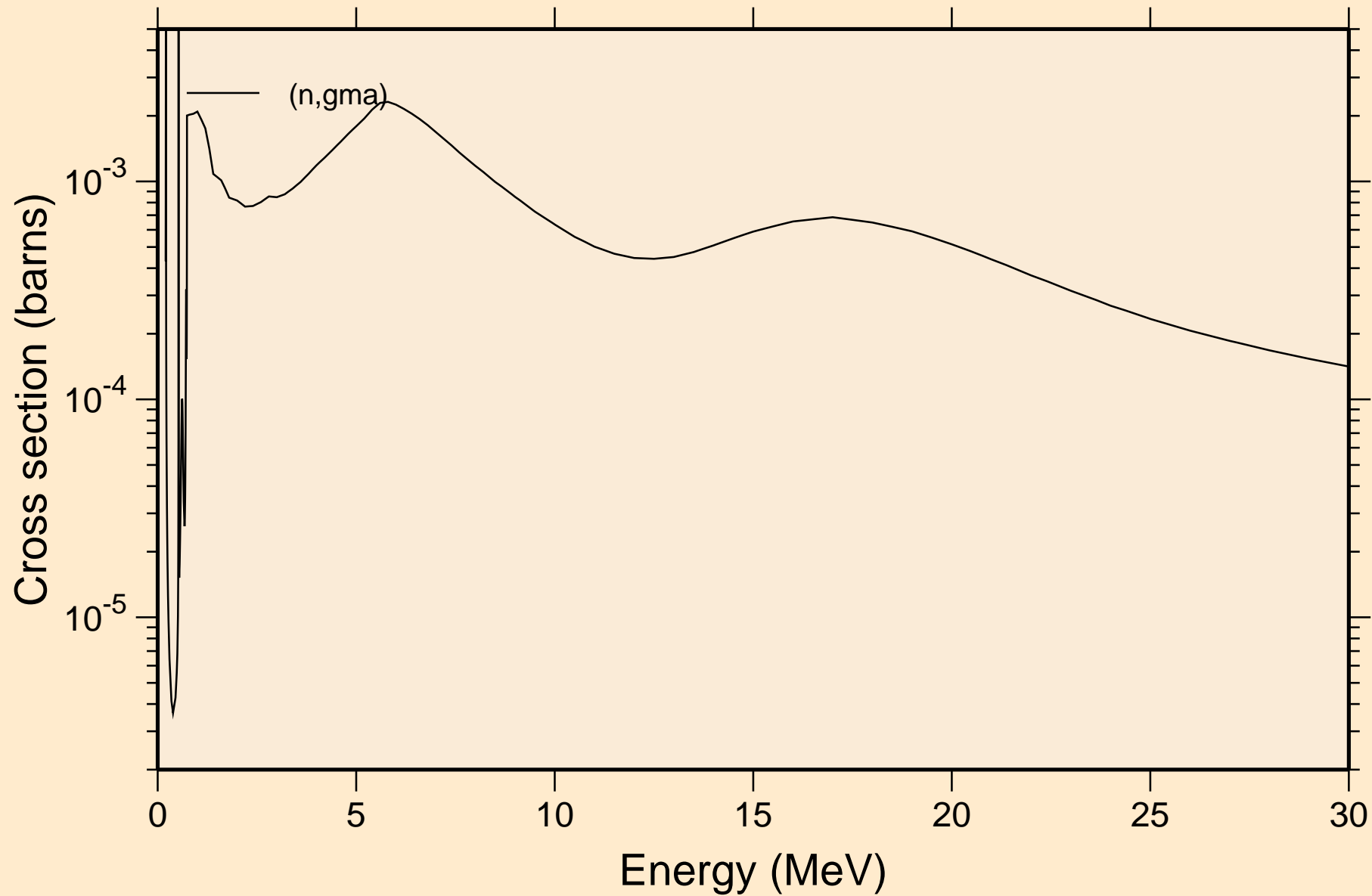


# AR044 NRG TENDL-2015, AKONING

## Principal cross sections

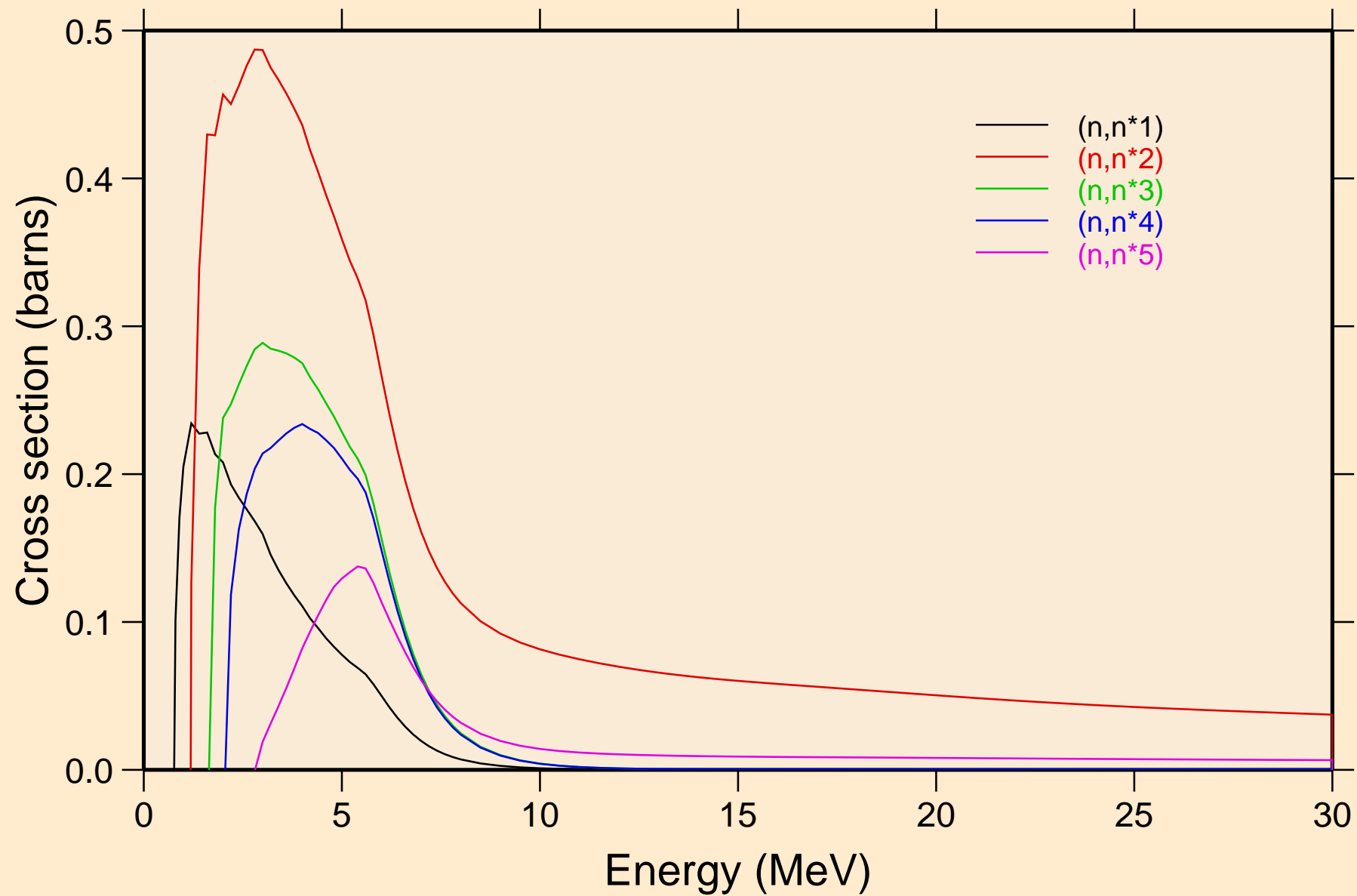


AR044 NRG TENDL-2015, AKONING  
Non-threshold reactions



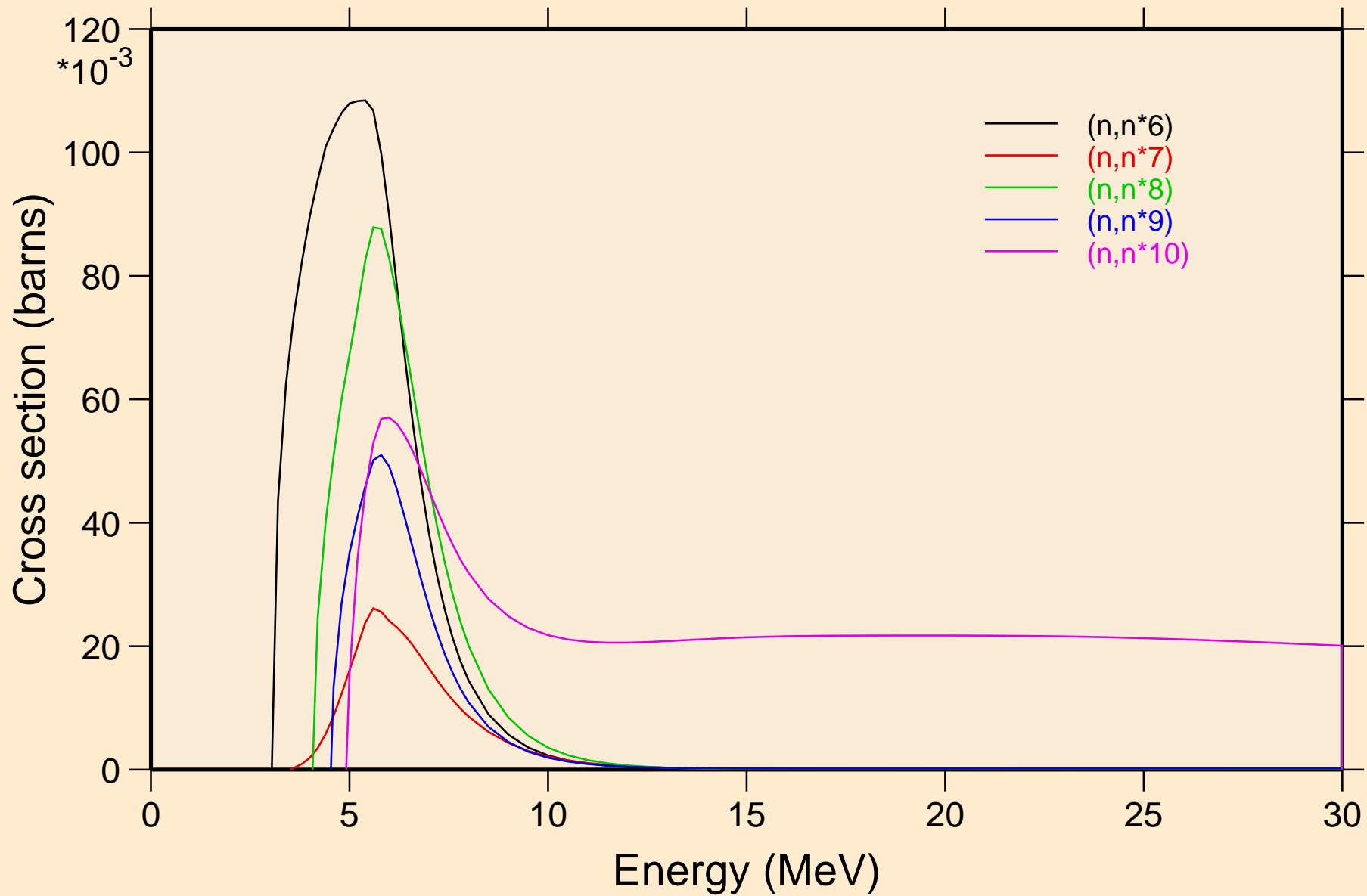
# AR044 NRG TENDL-2015, AKONING

## Inelastic levels



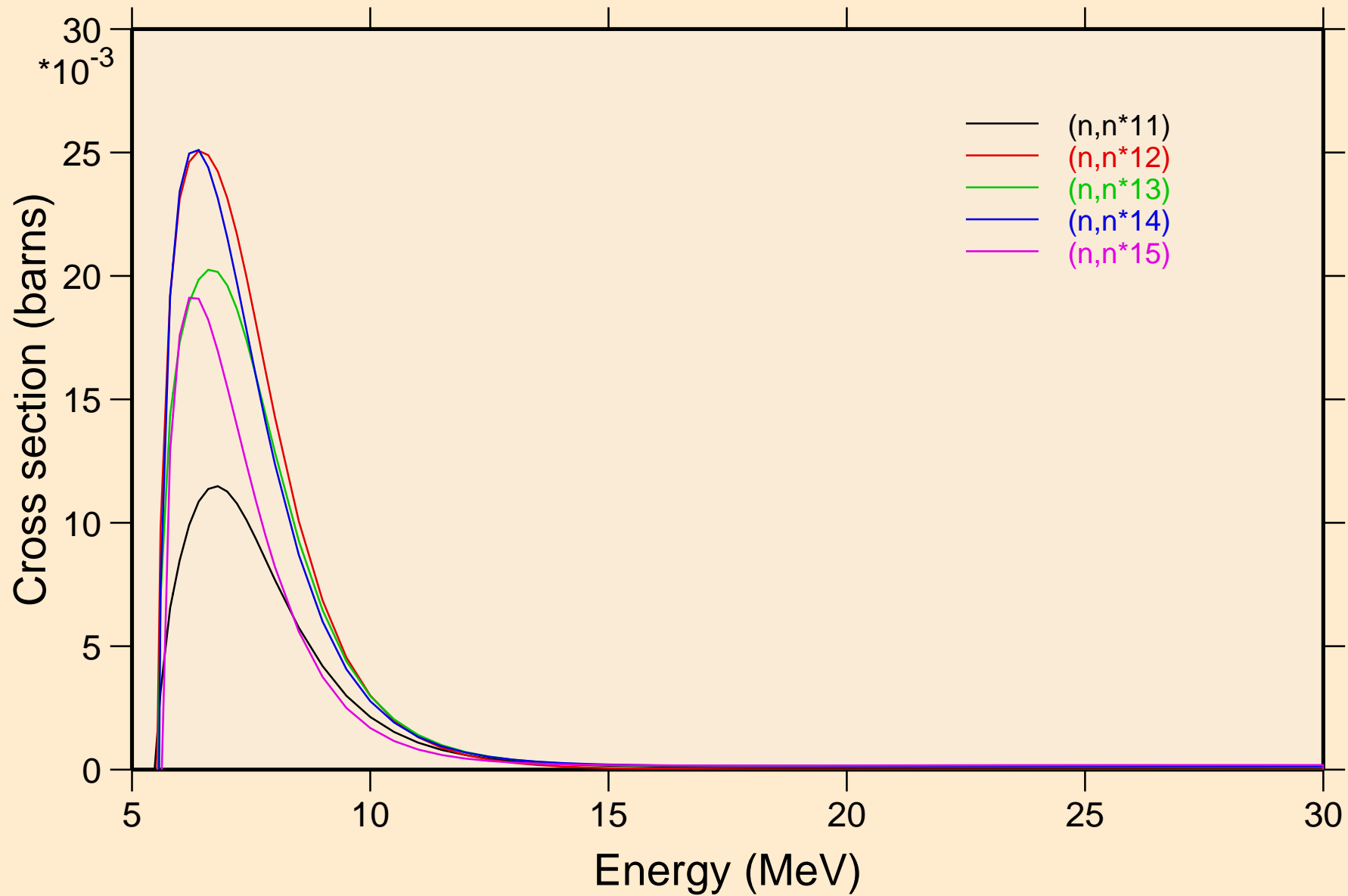
# AR044 NRG TENDL-2015, AKONING

## Inelastic levels



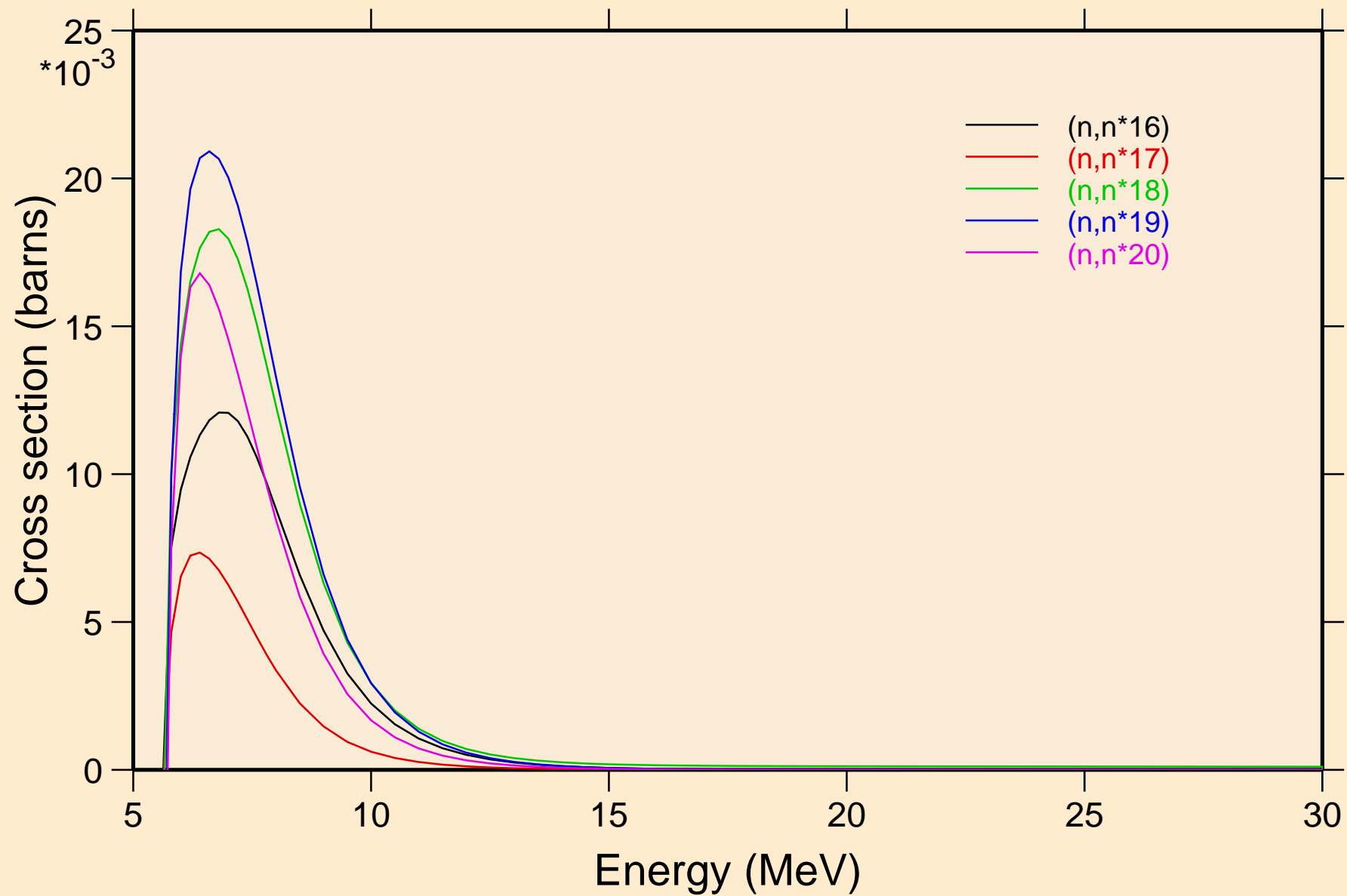
# AR044 NRG TENDL-2015, AKONING

## Inelastic levels



# AR044 NRG TENDL-2015, AKONING

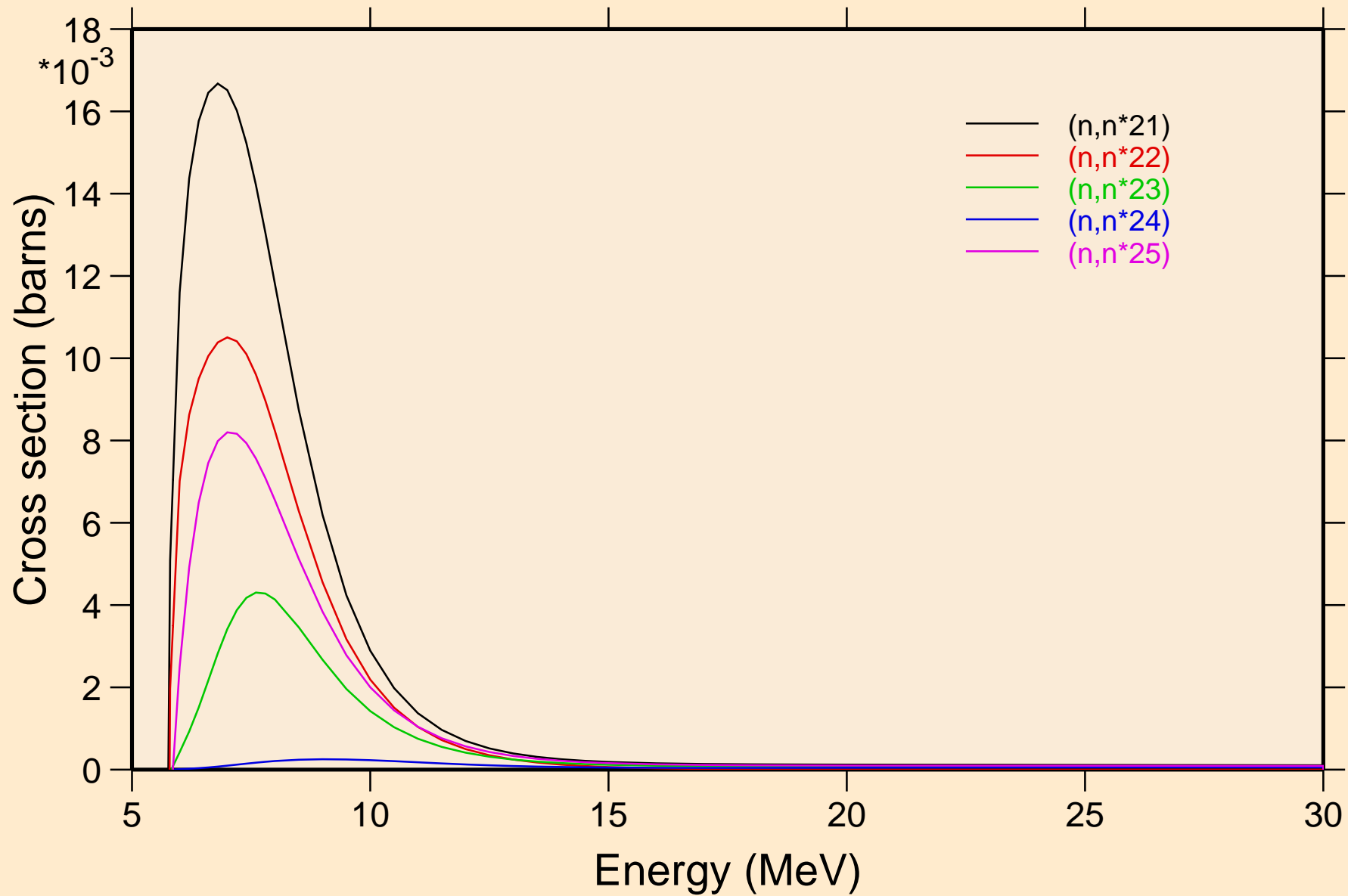
## Inelastic levels





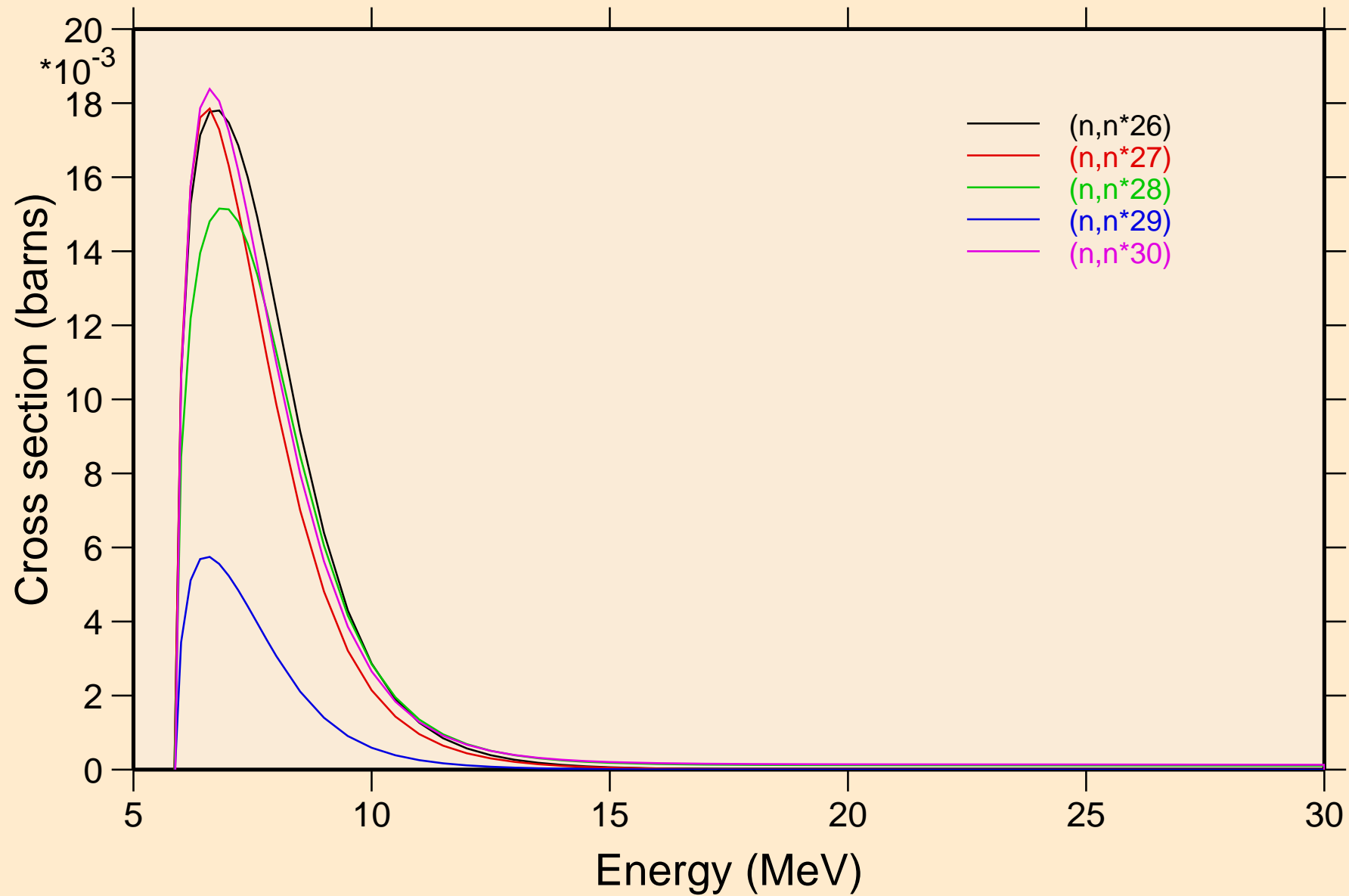
# AR044 NRG TENDL-2015, AKONING

## Inelastic levels



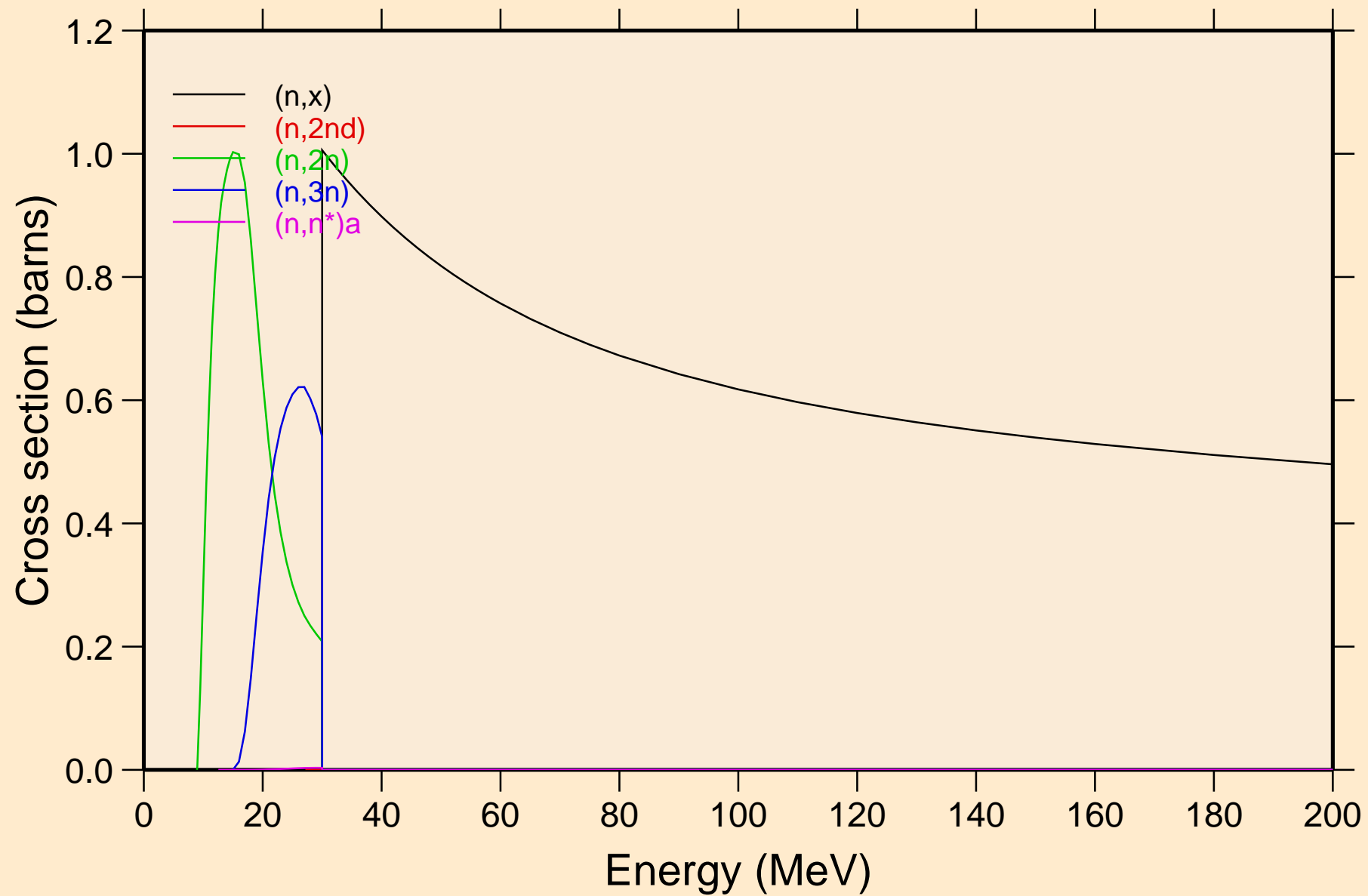
# AR044 NRG TENDL-2015, AKONING

## Inelastic levels



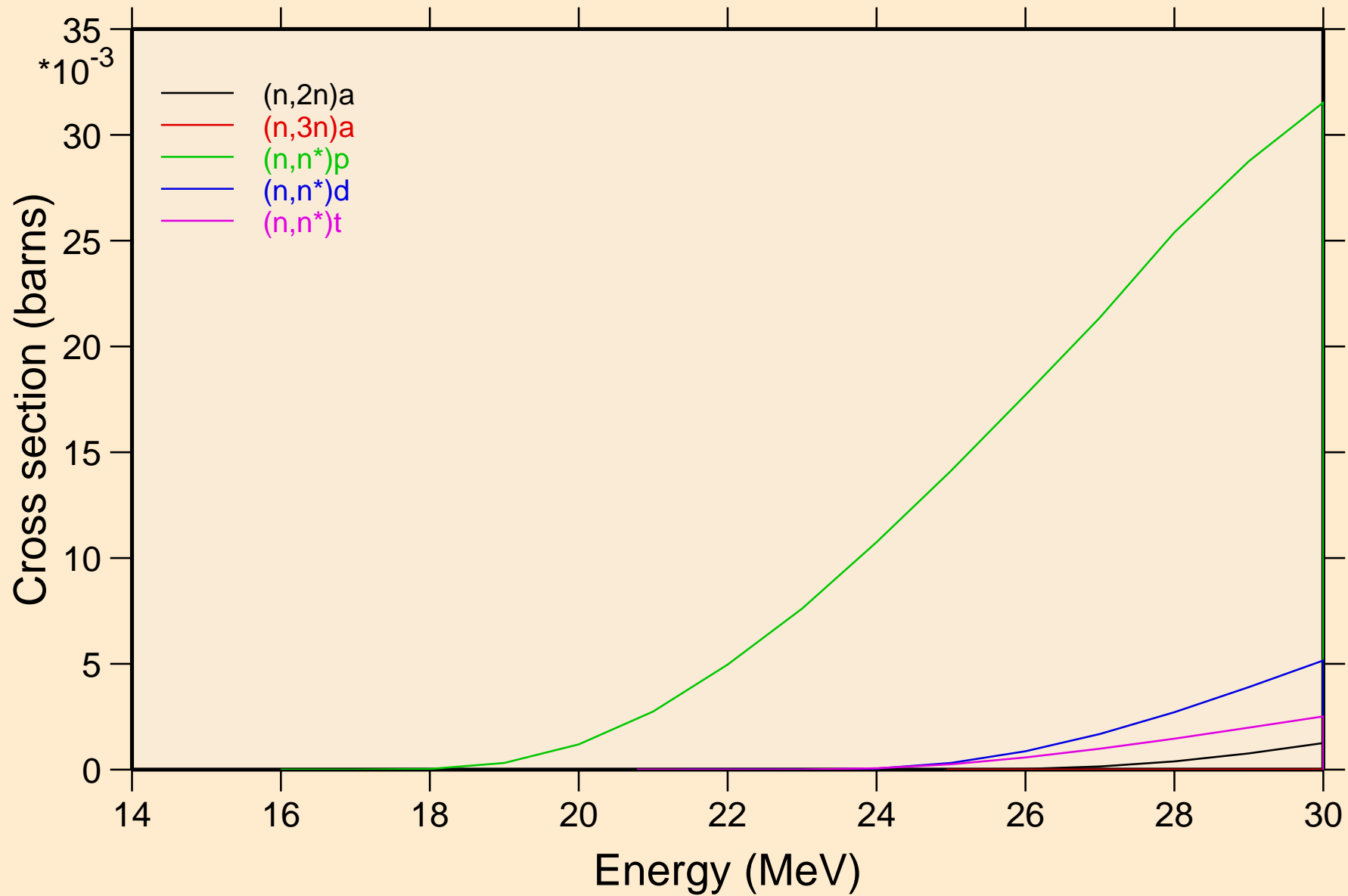
# AR044 NRG TENDL-2015, AKONING

## Threshold reactions



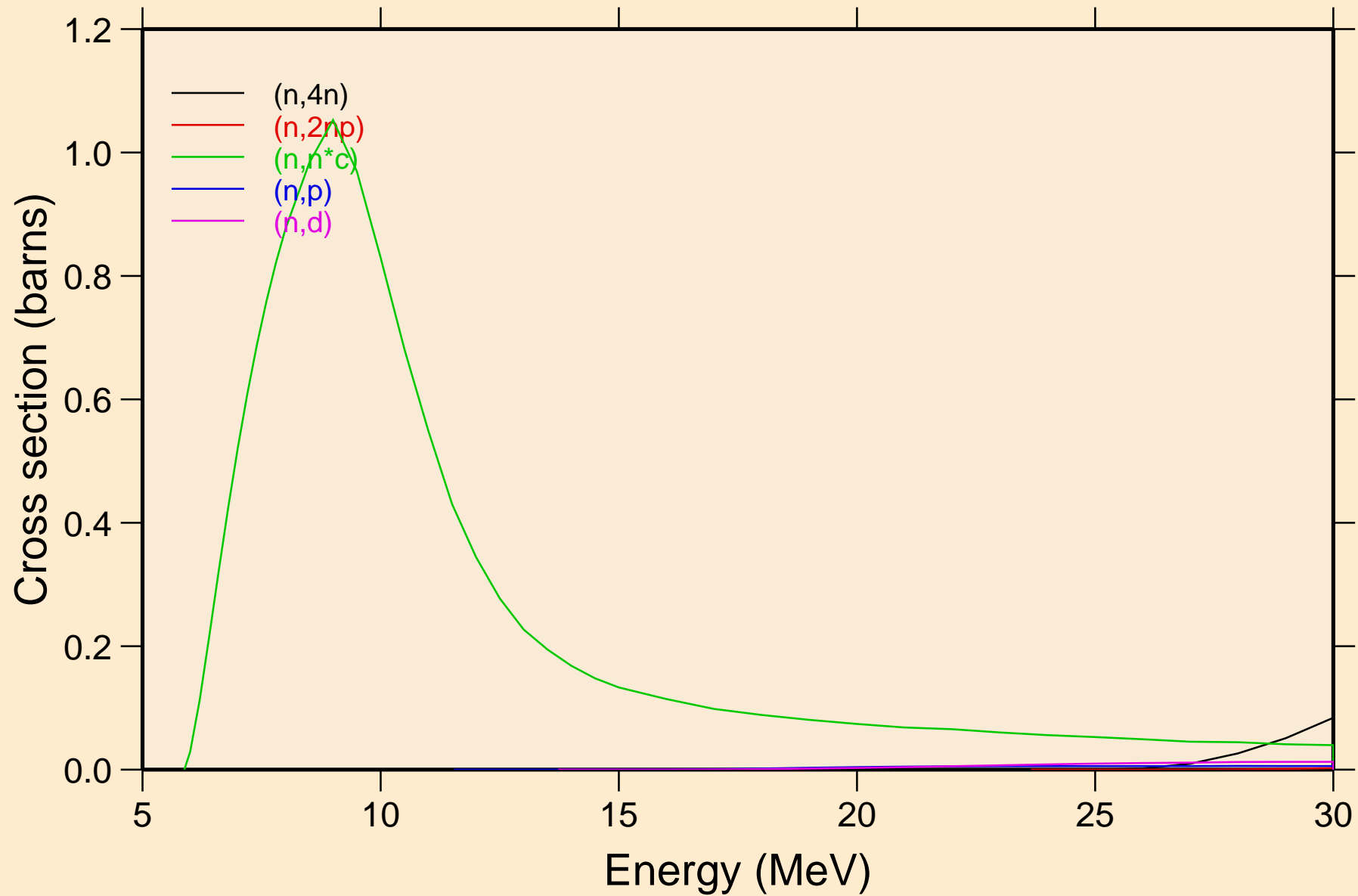
# AR044 NRG TENDL-2015, AKONING

## Threshold reactions



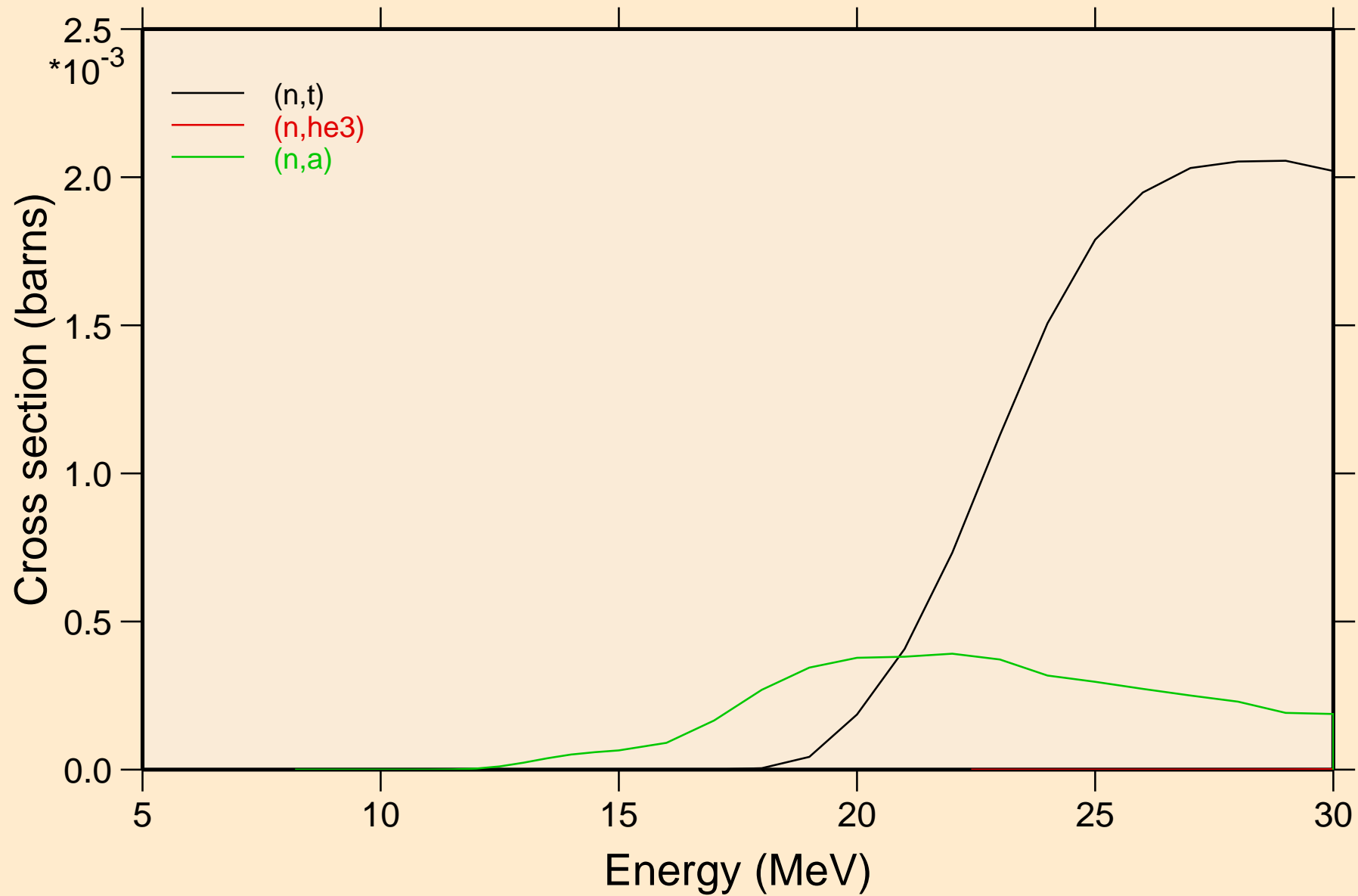
# AR044 NRG TENDL-2015, AKONING

## Threshold reactions

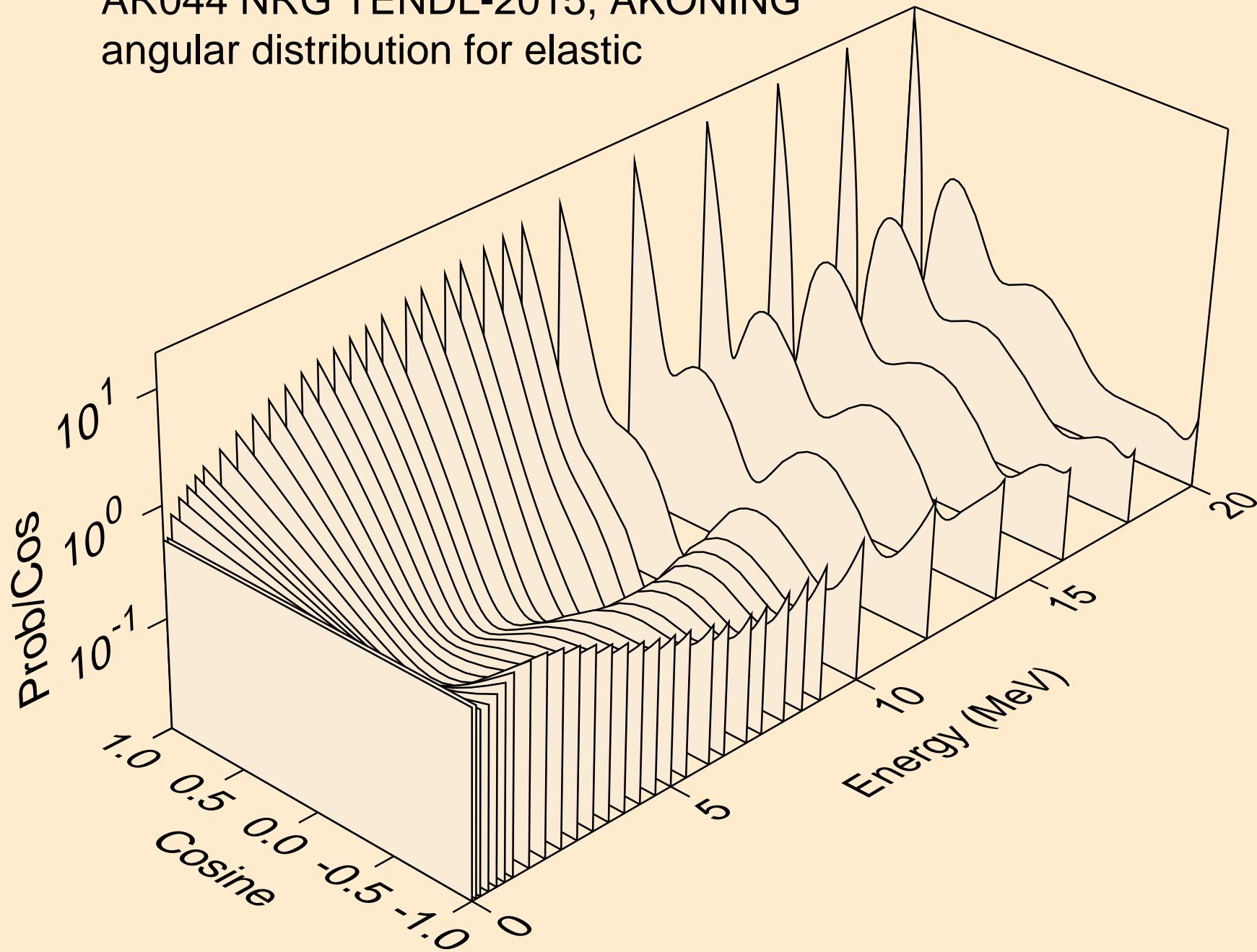


# AR044 NRG TENDL-2015, AKONING

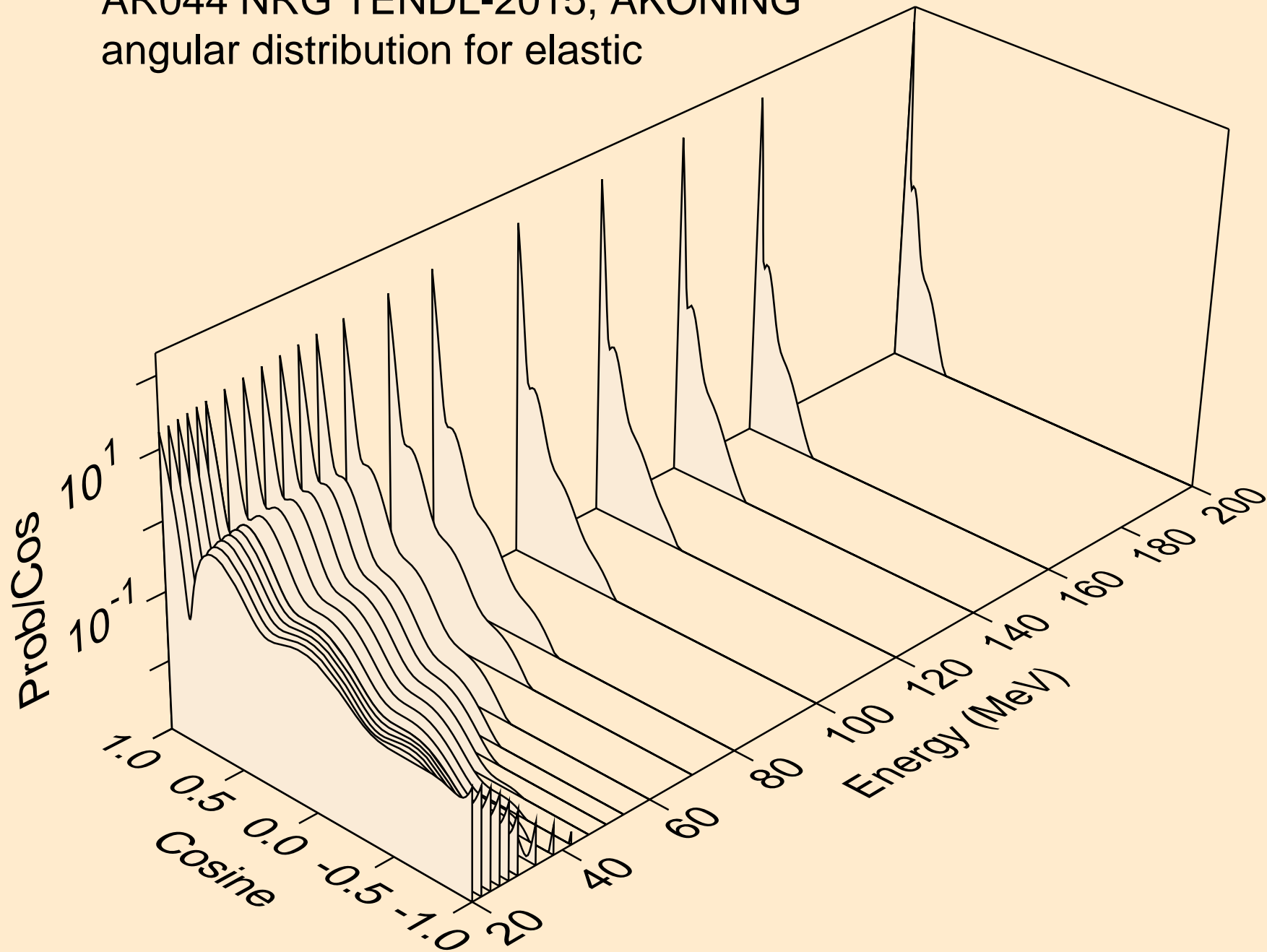
## Threshold reactions



AR044 NRG TENDL-2015, AKONING  
angular distribution for elastic

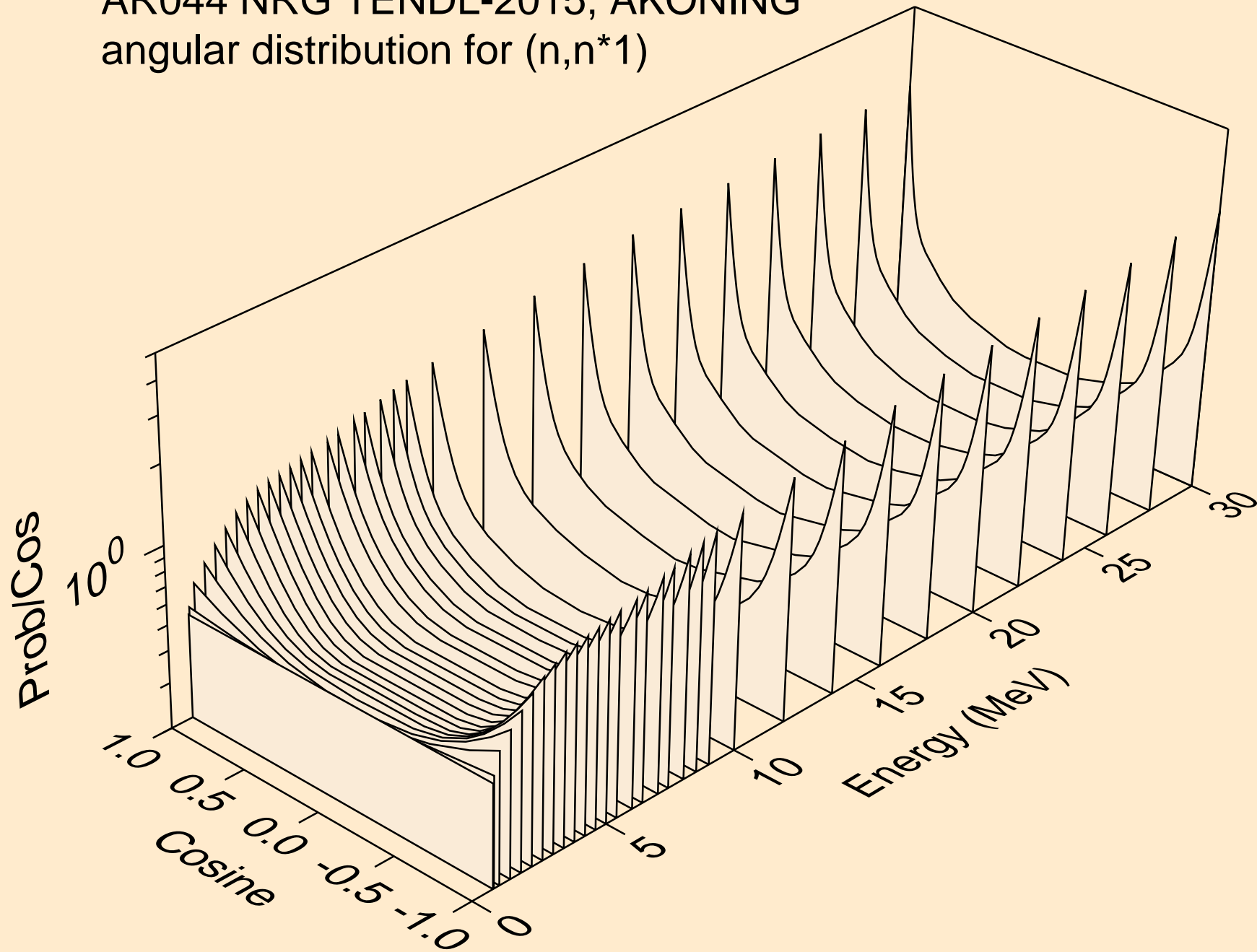


AR044 NRG TENDL-2015, AKONING  
angular distribution for elastic

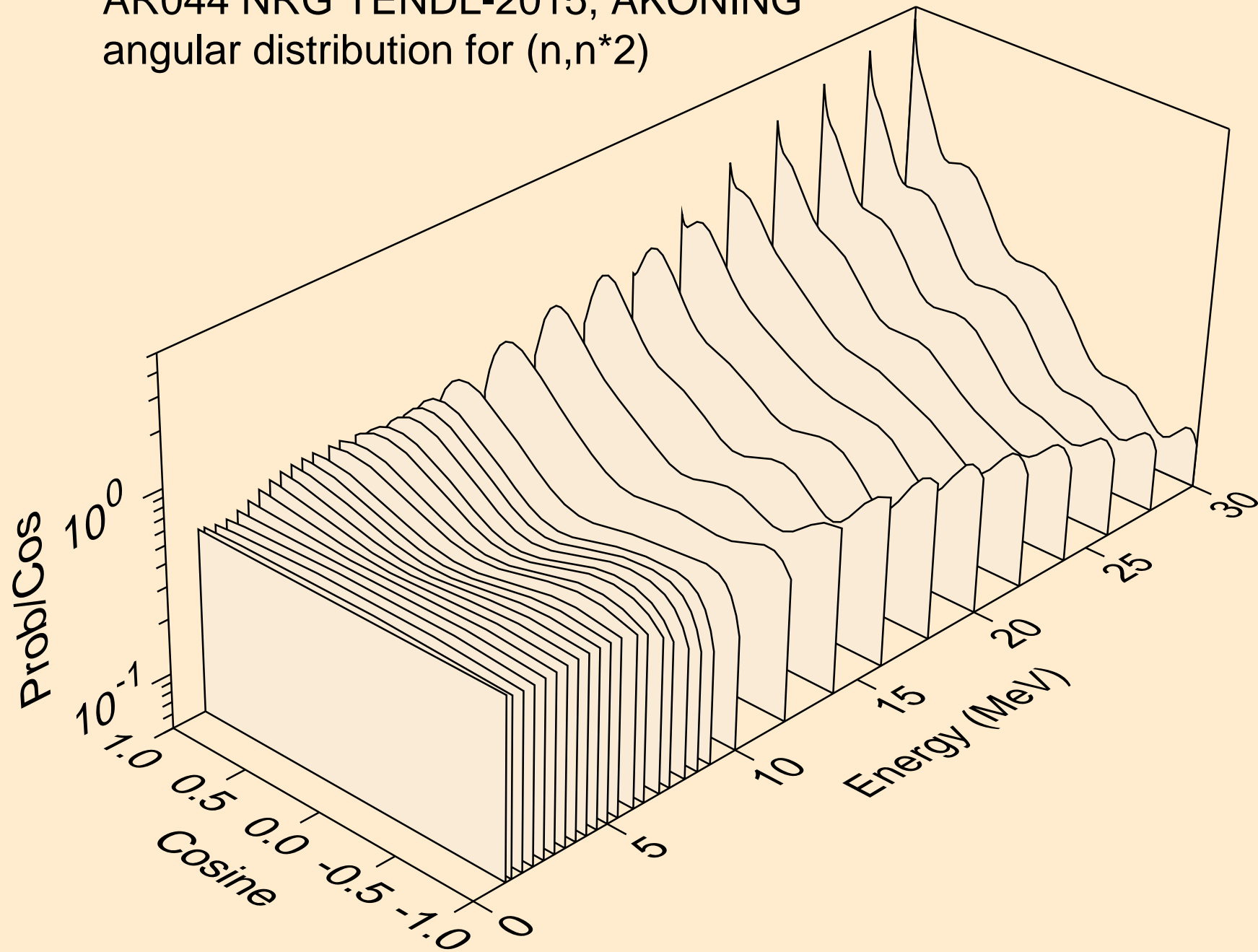




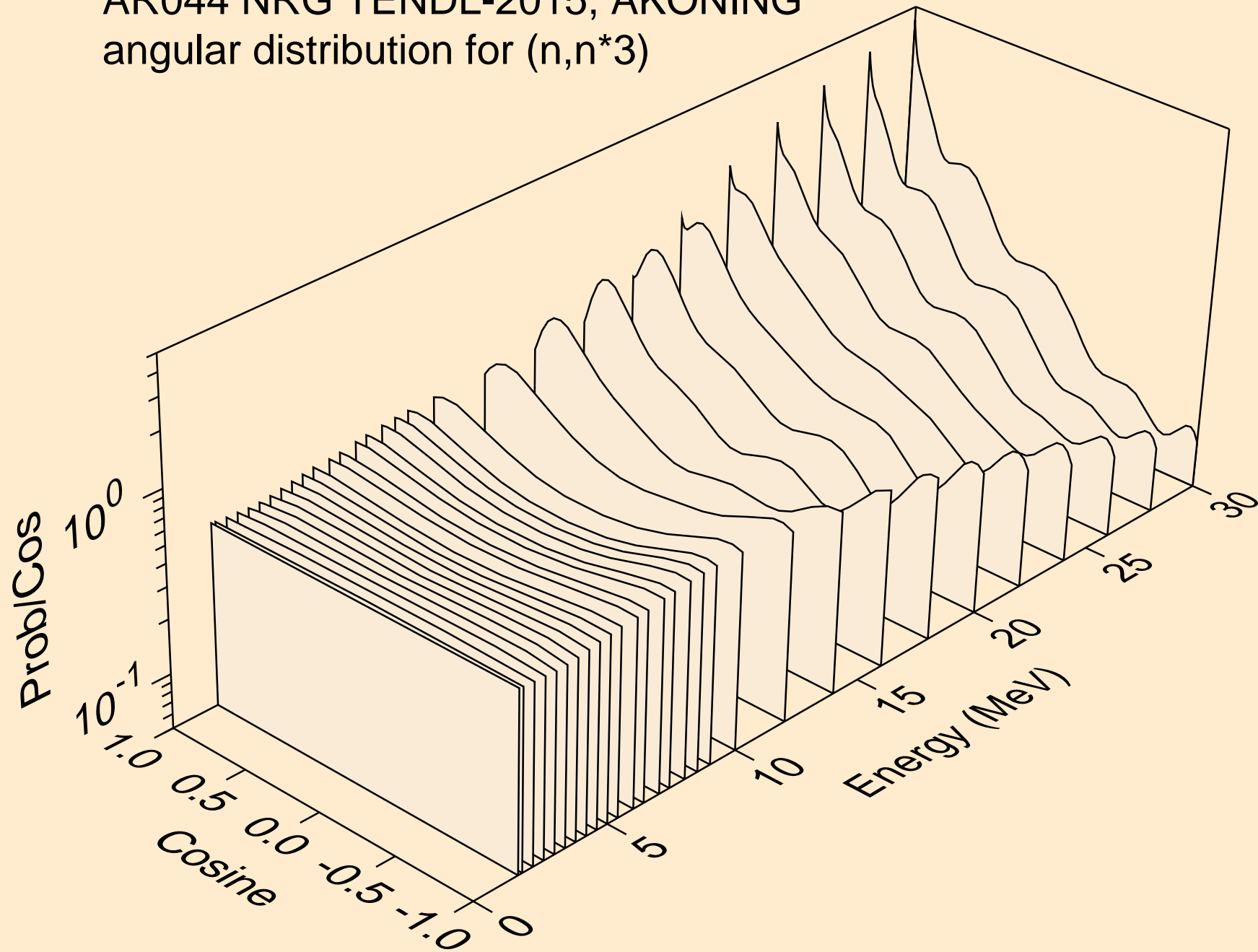
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



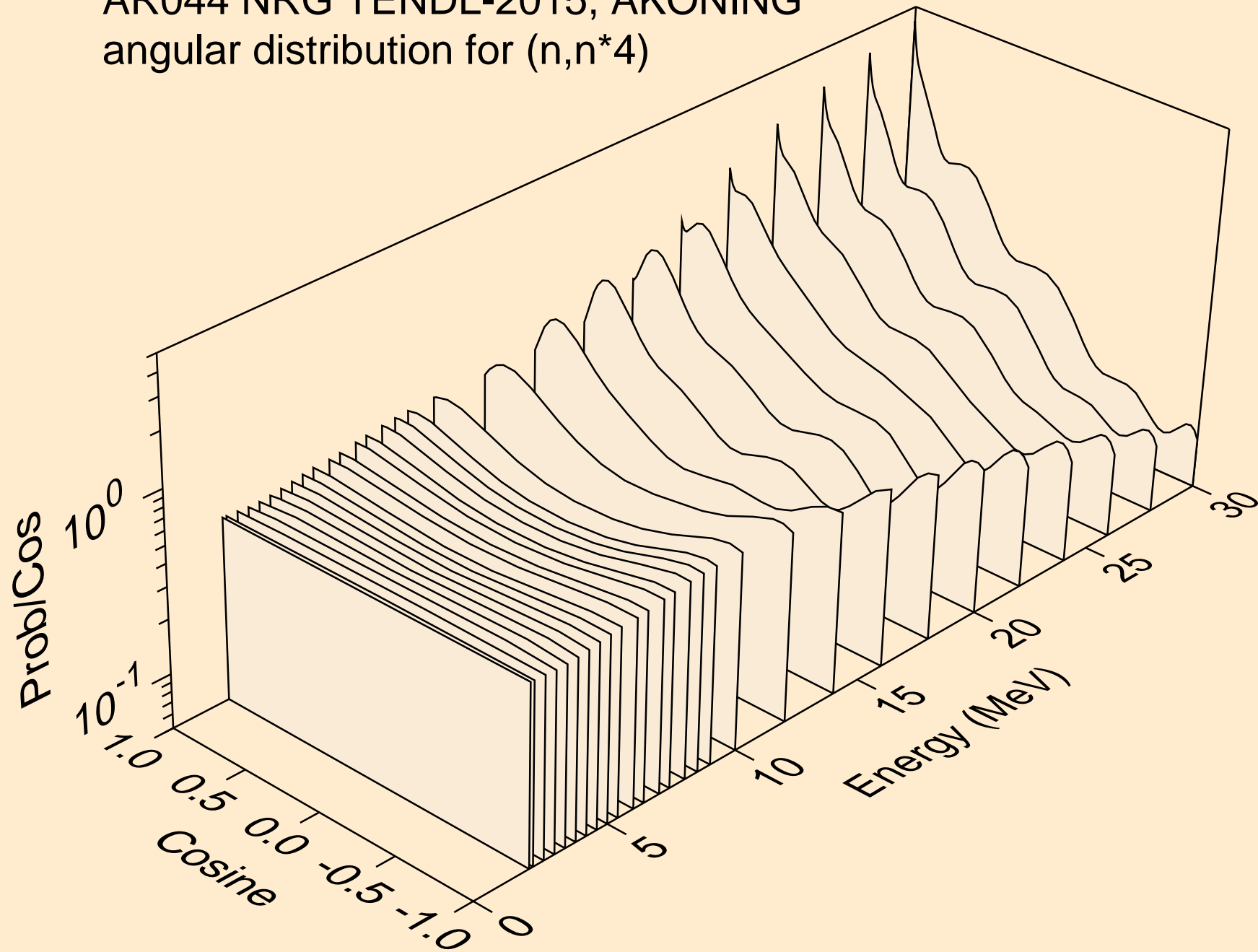
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



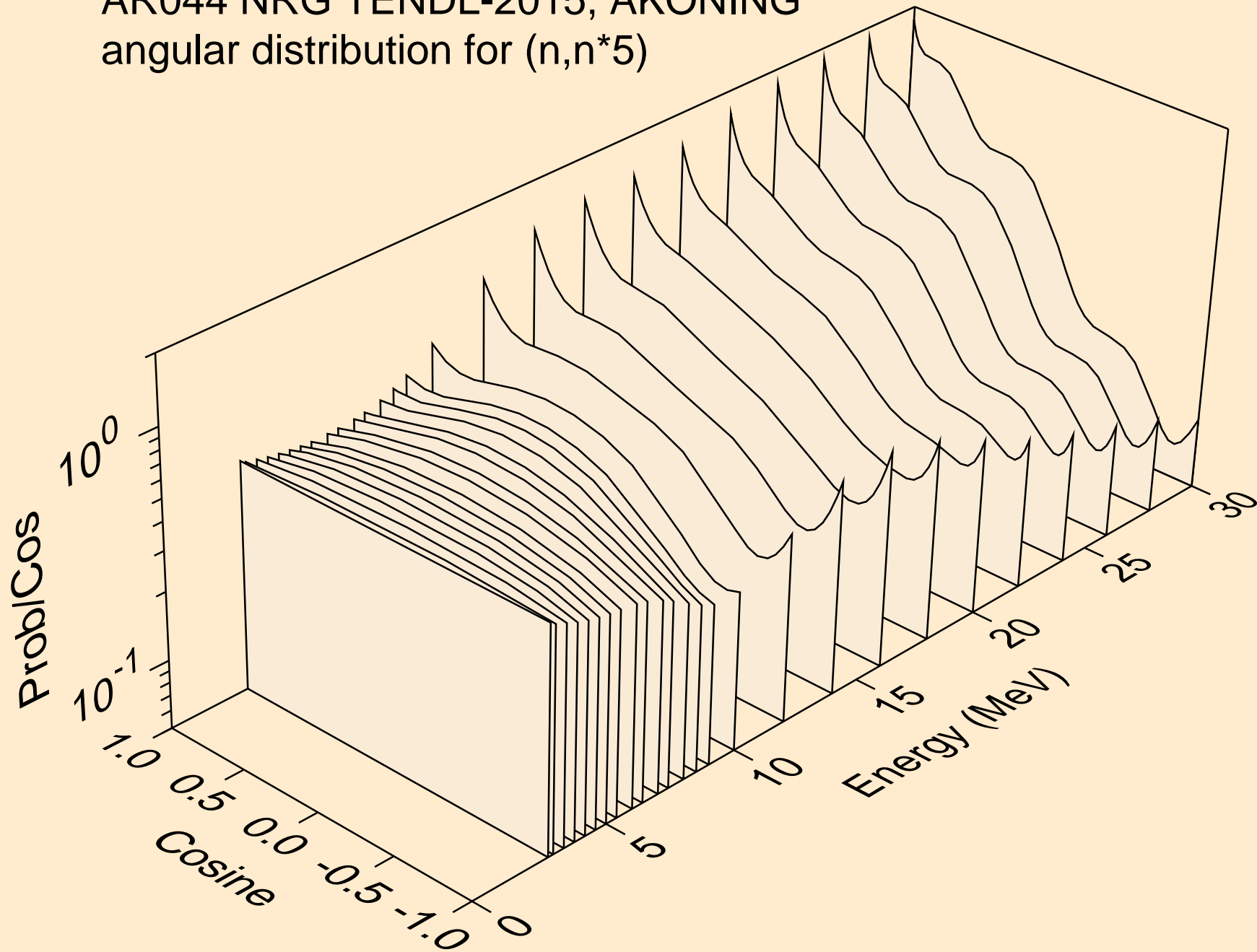
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



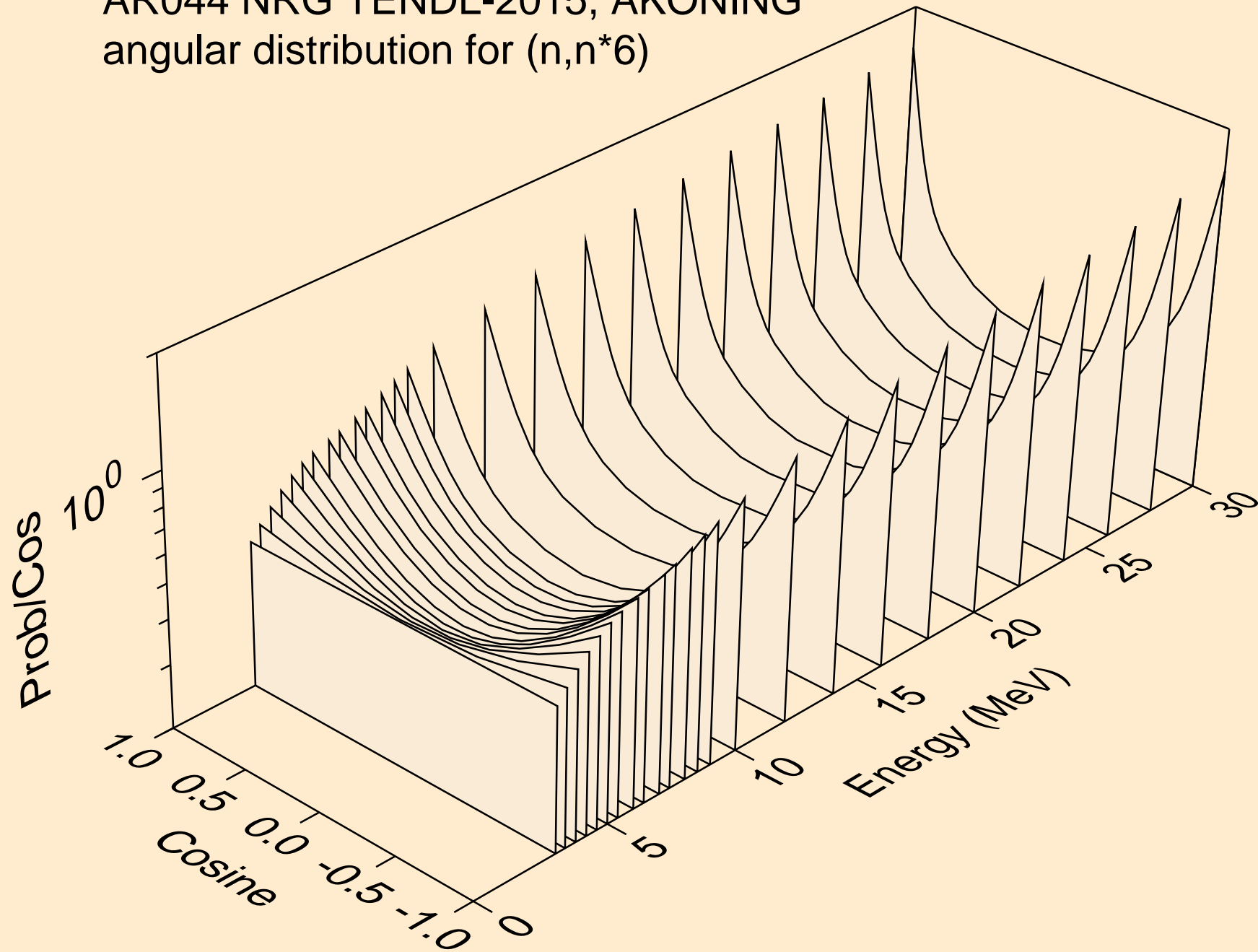
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



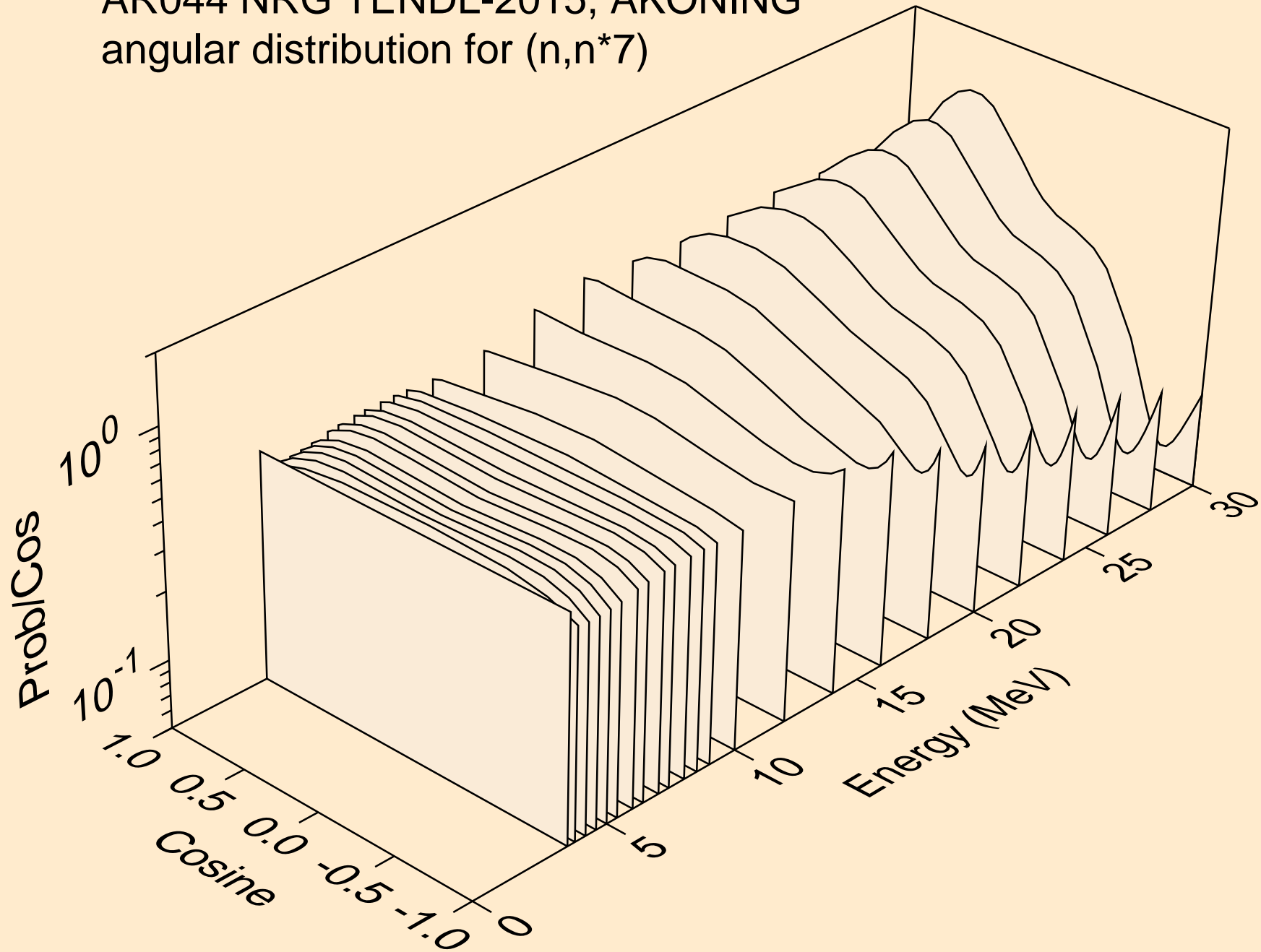
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



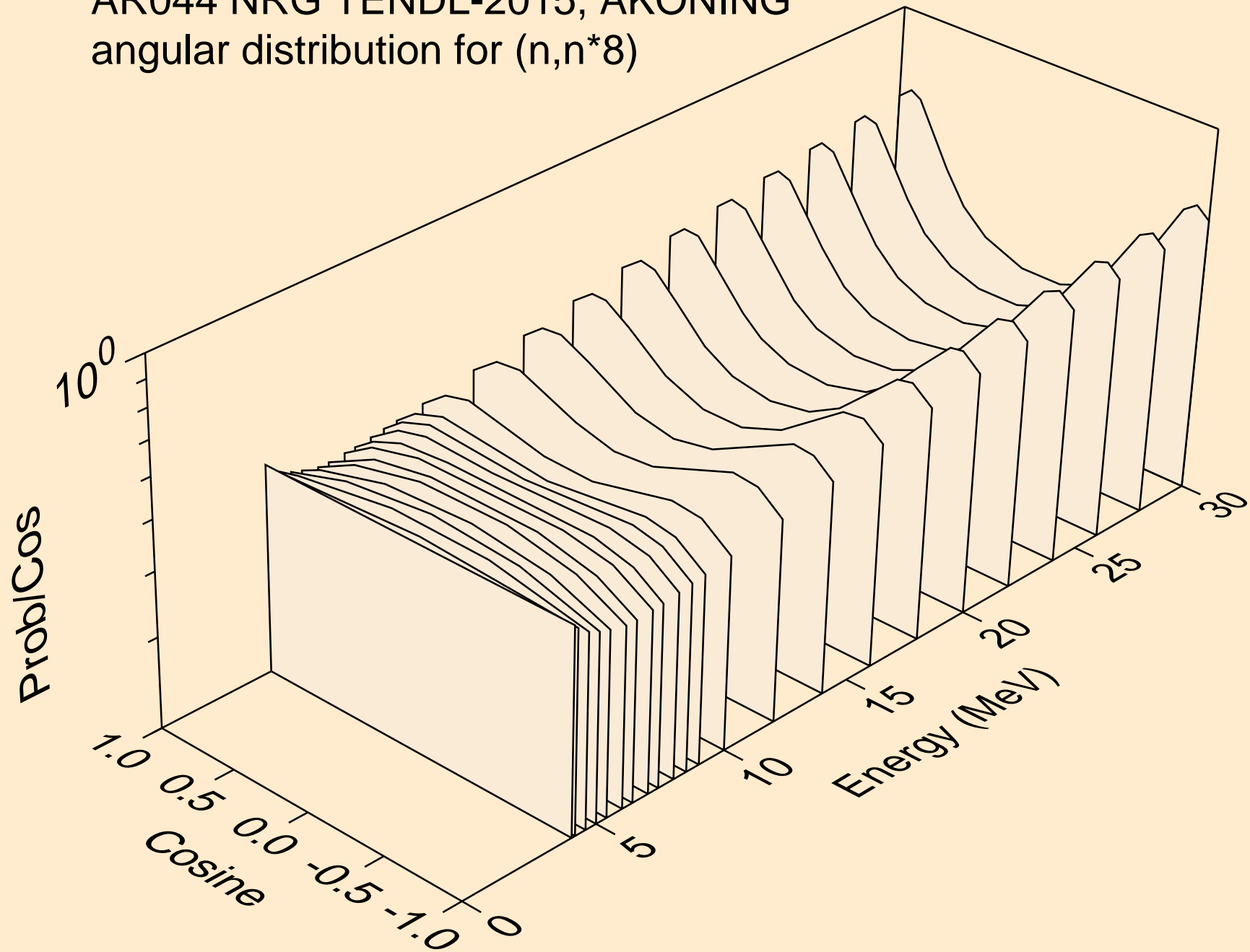
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

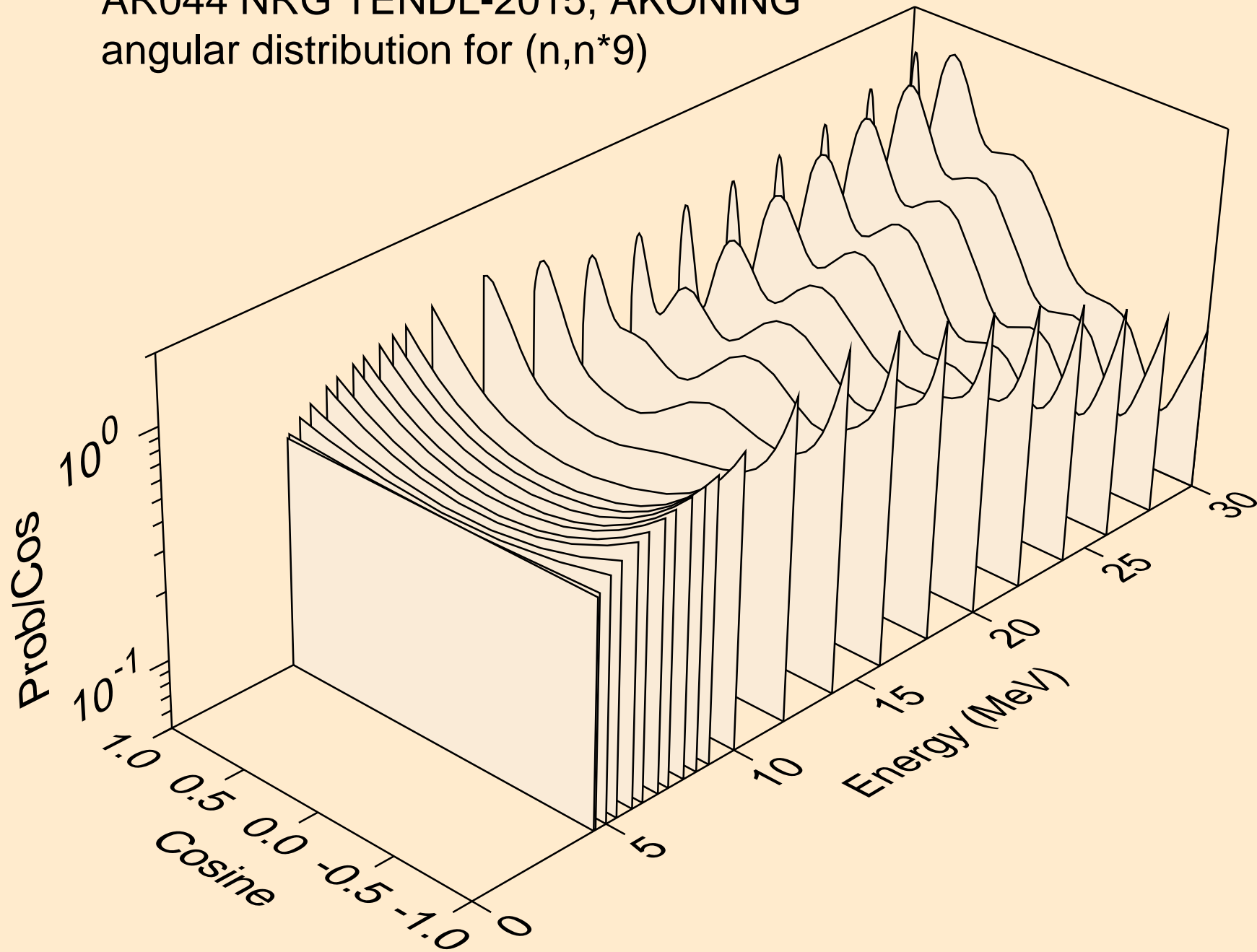


AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

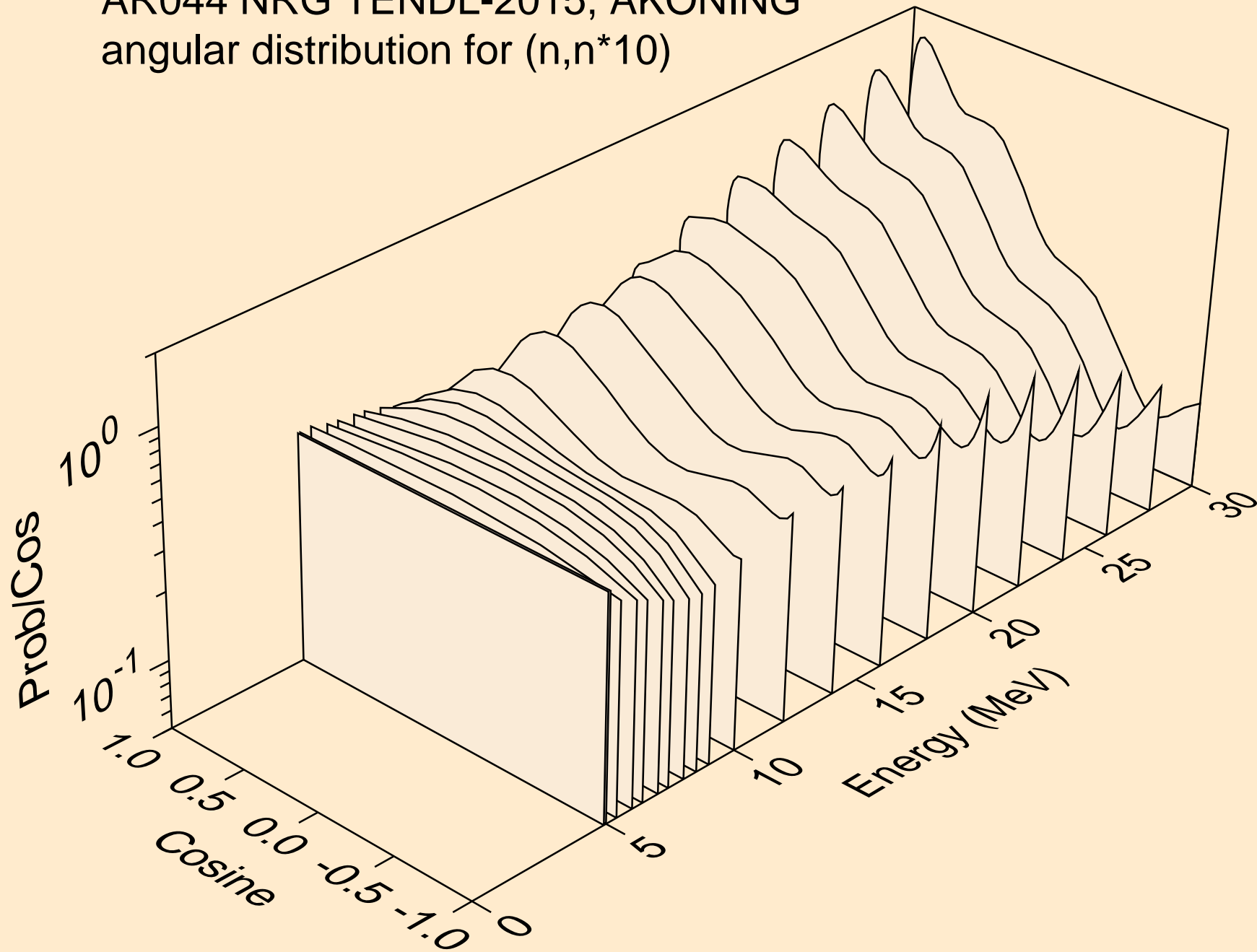




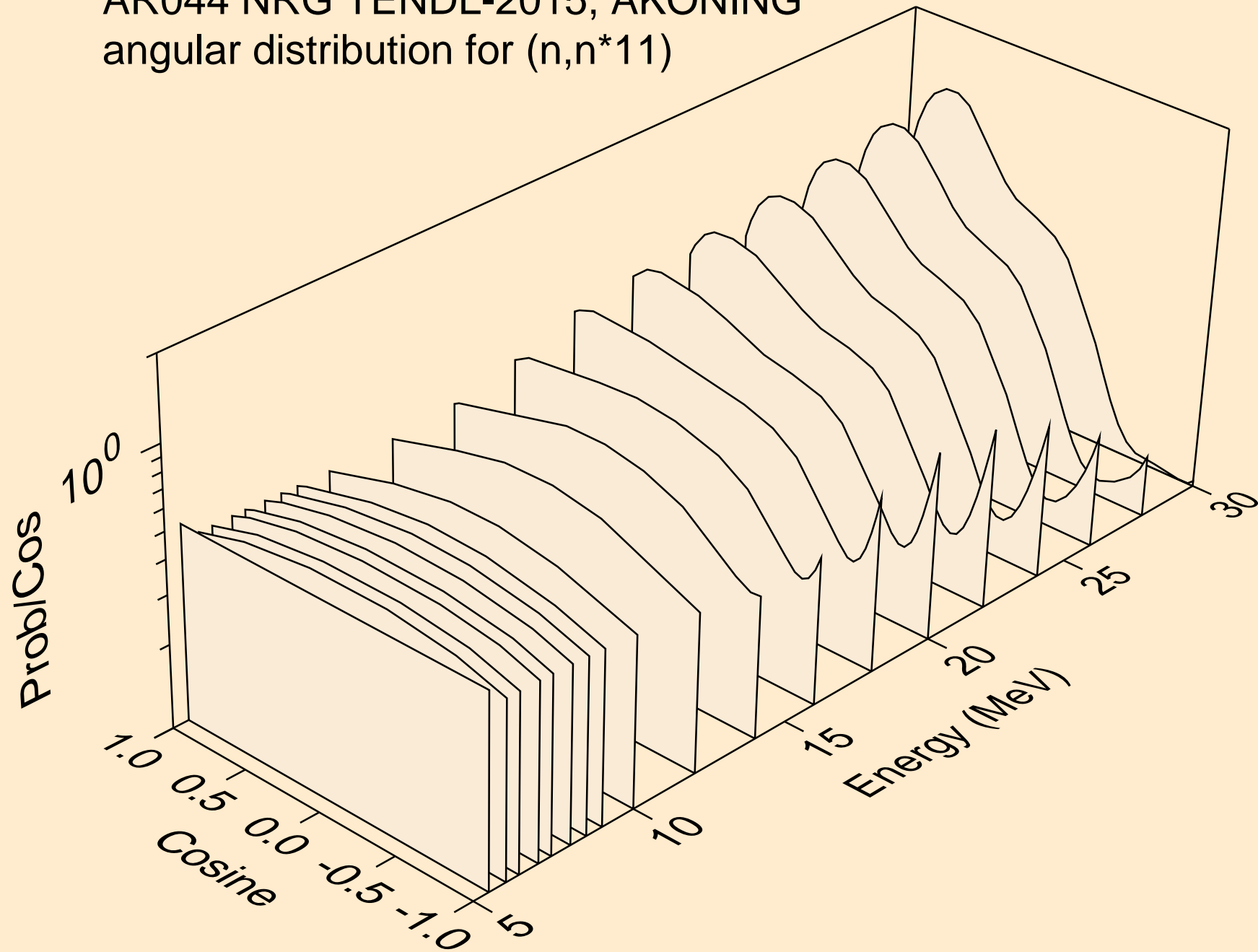
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angular distribution for (n,n\*9)



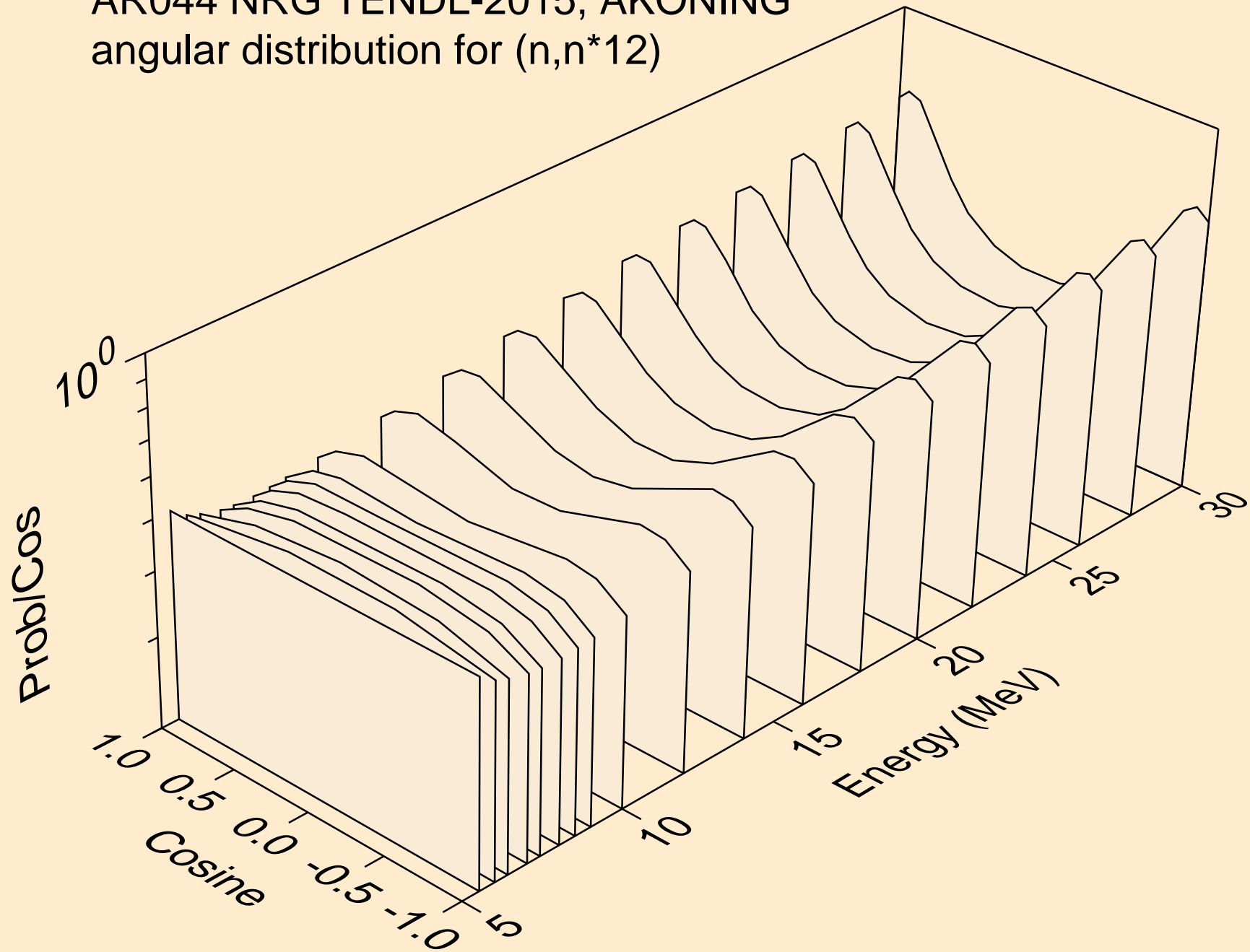
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



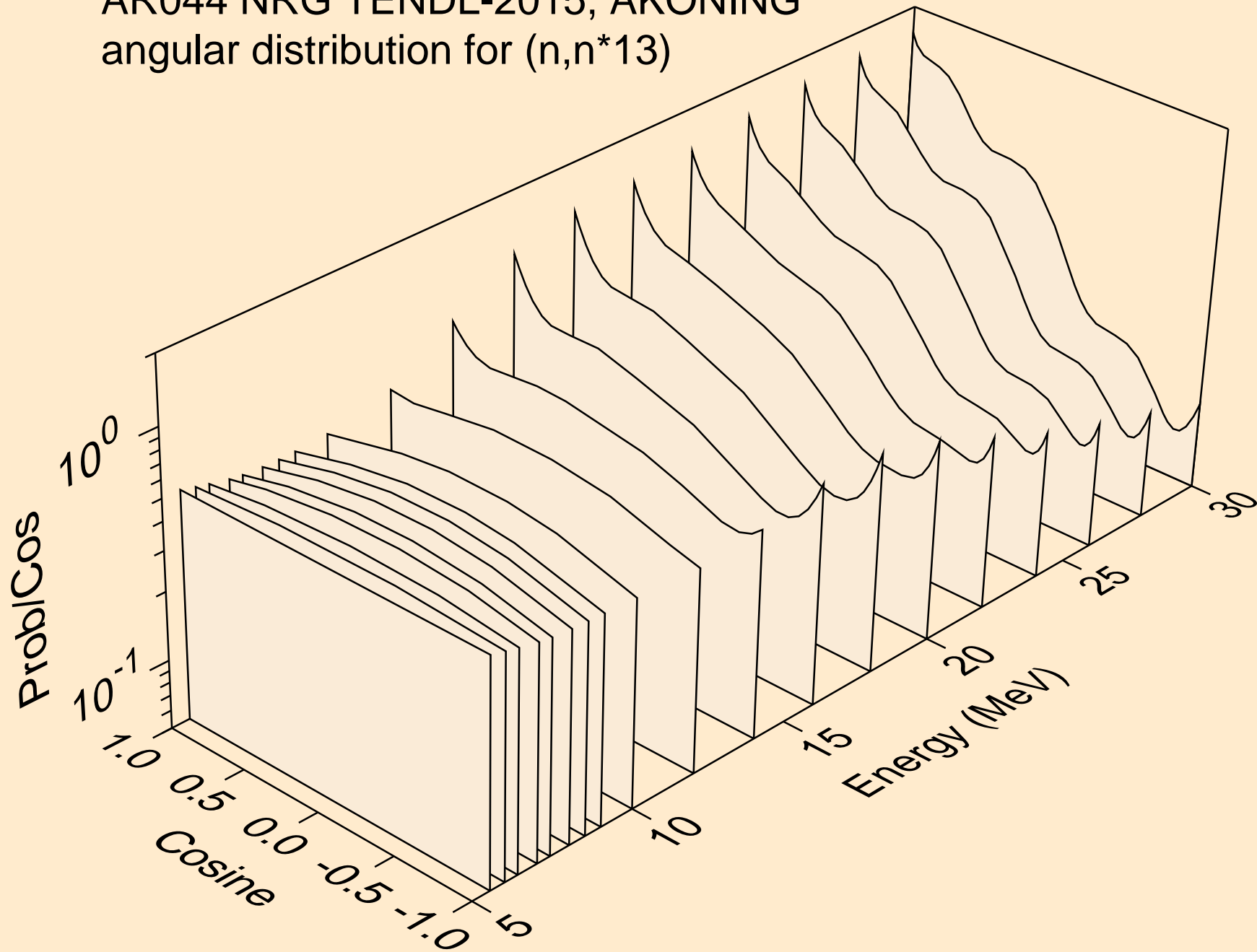
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



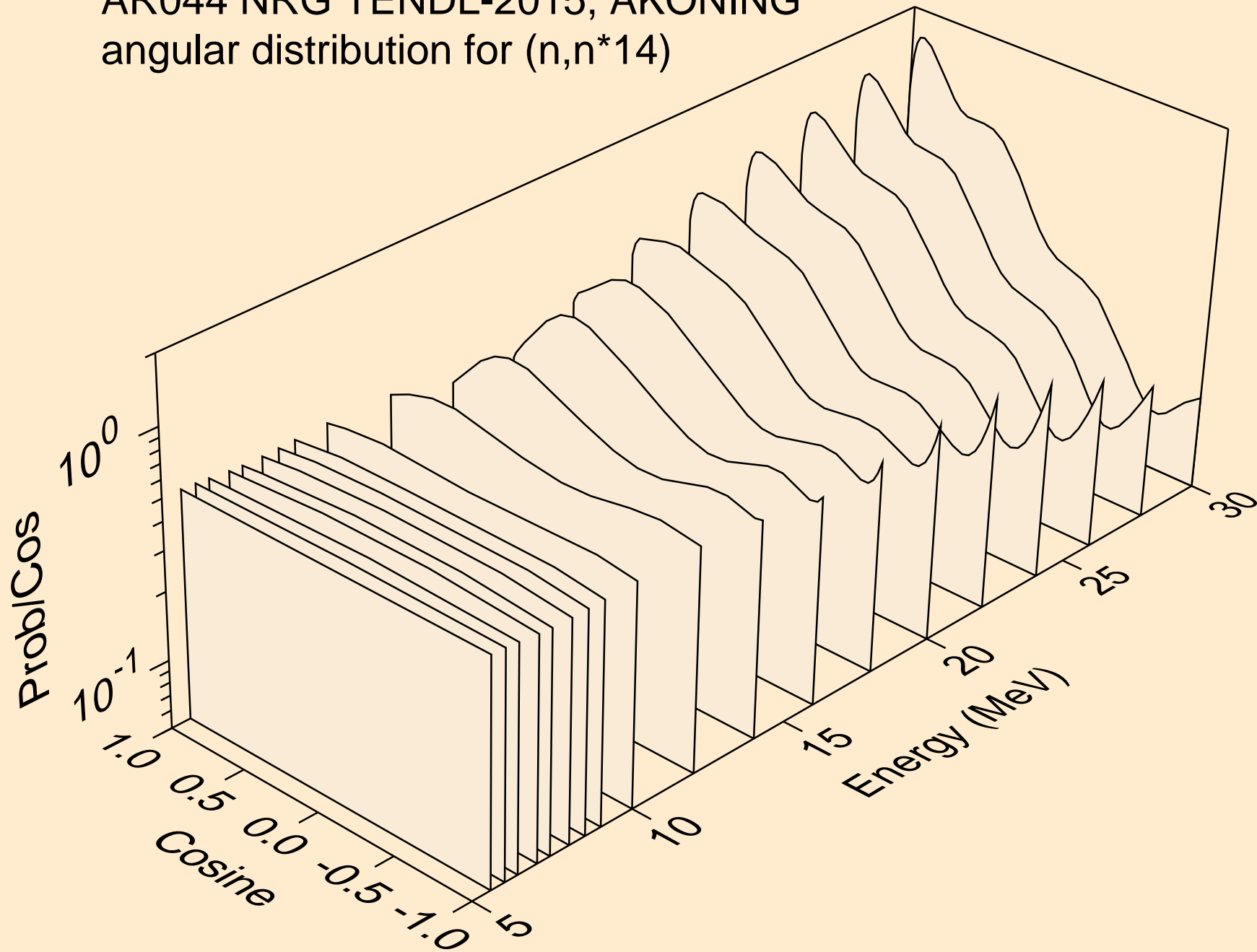
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



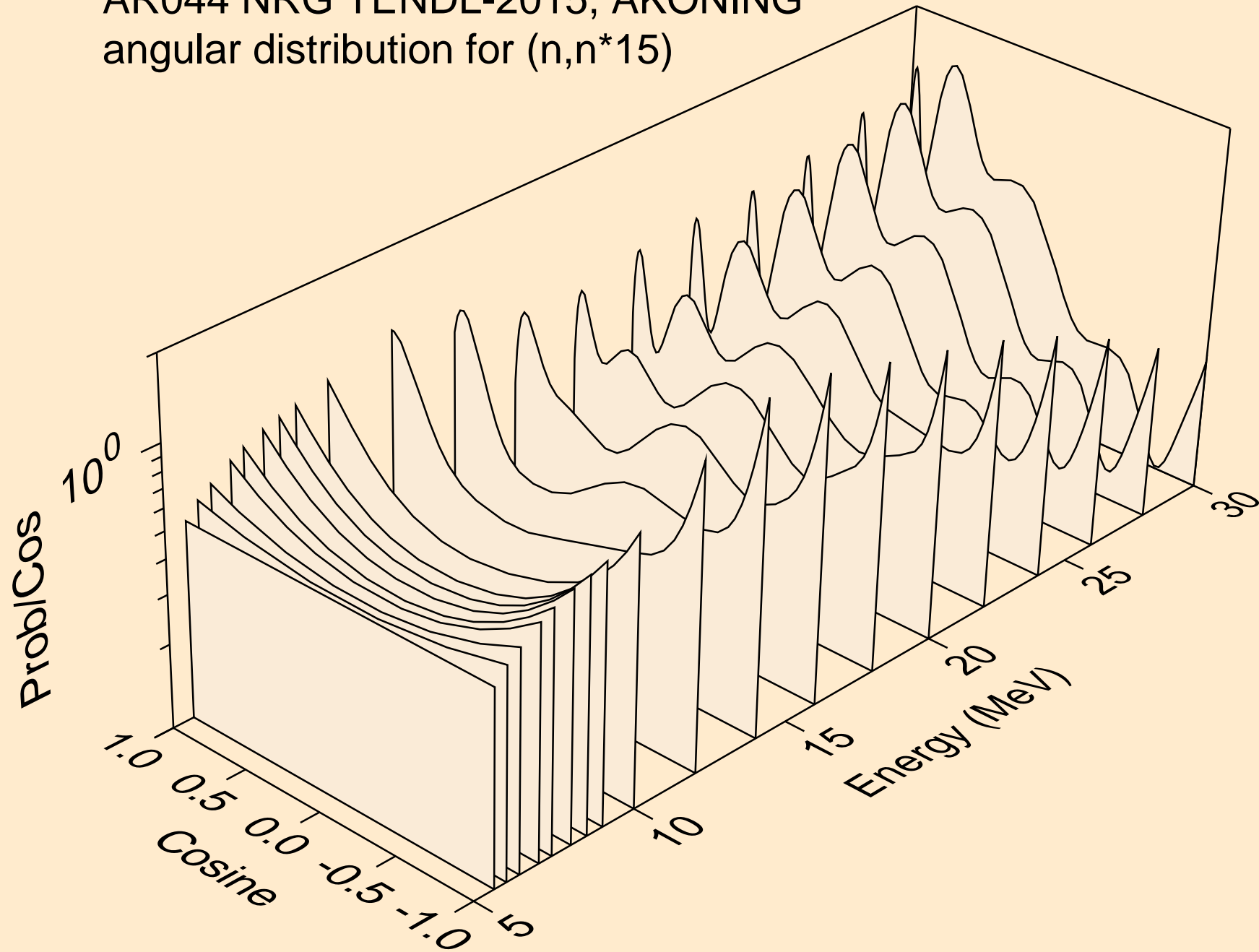
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



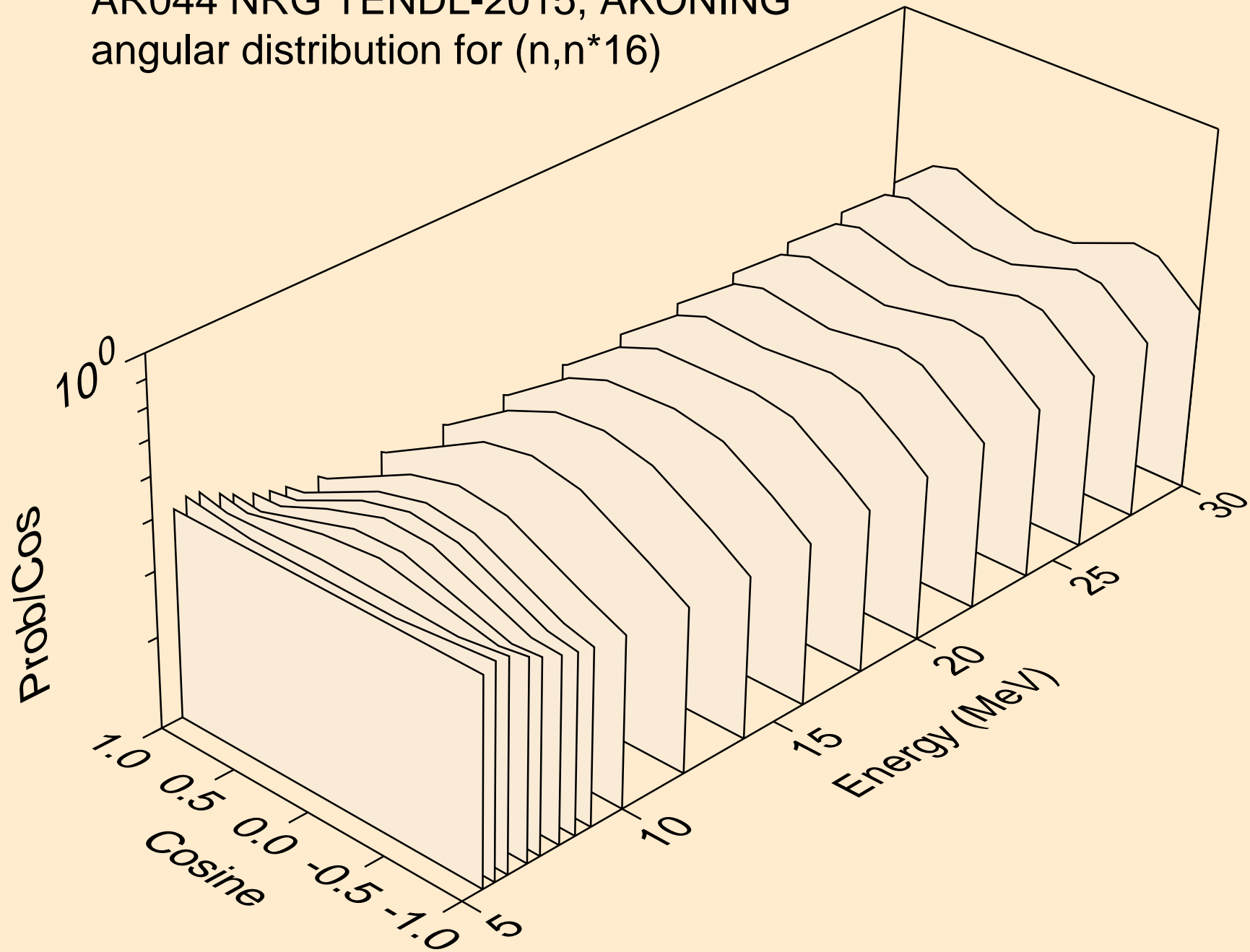
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

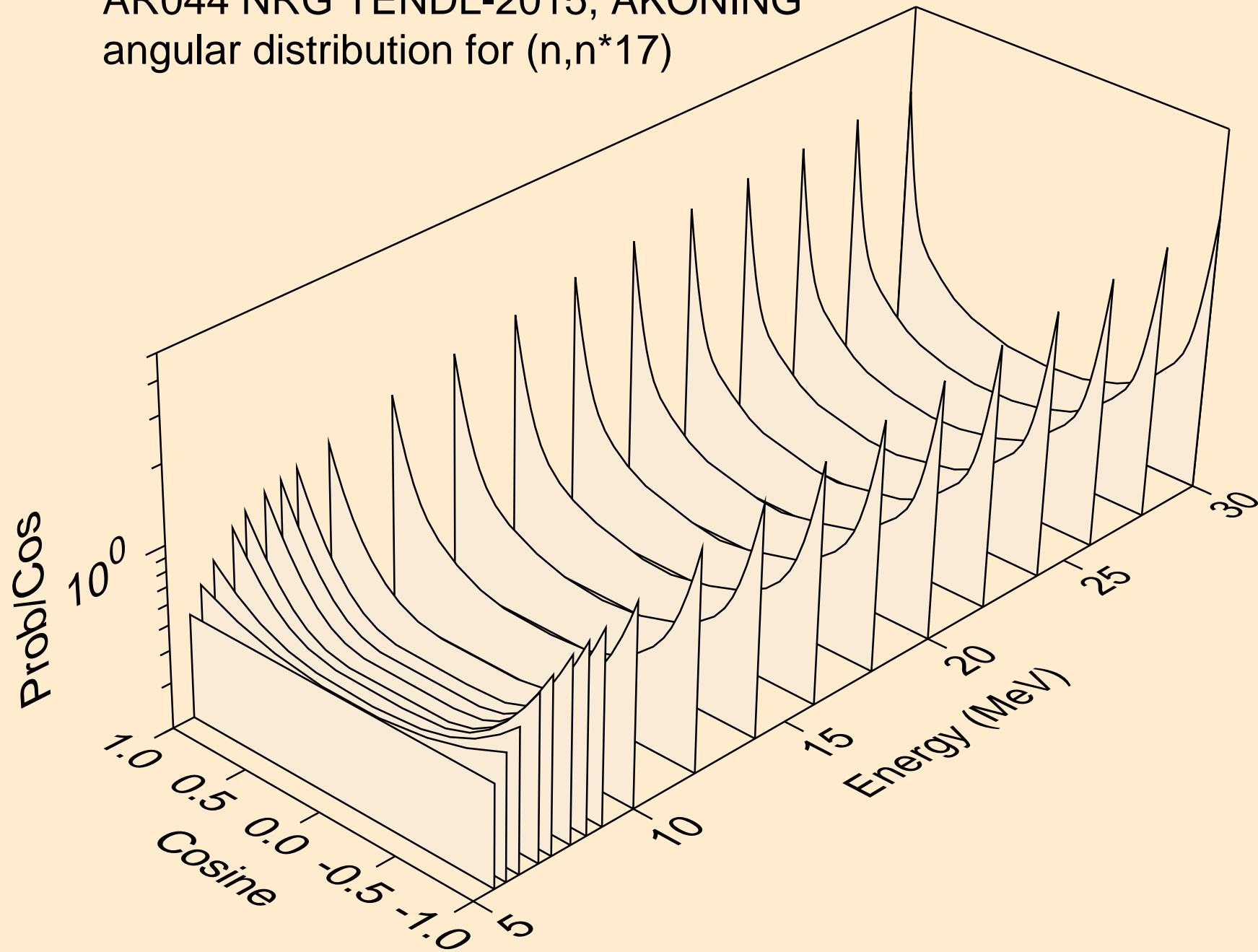


AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

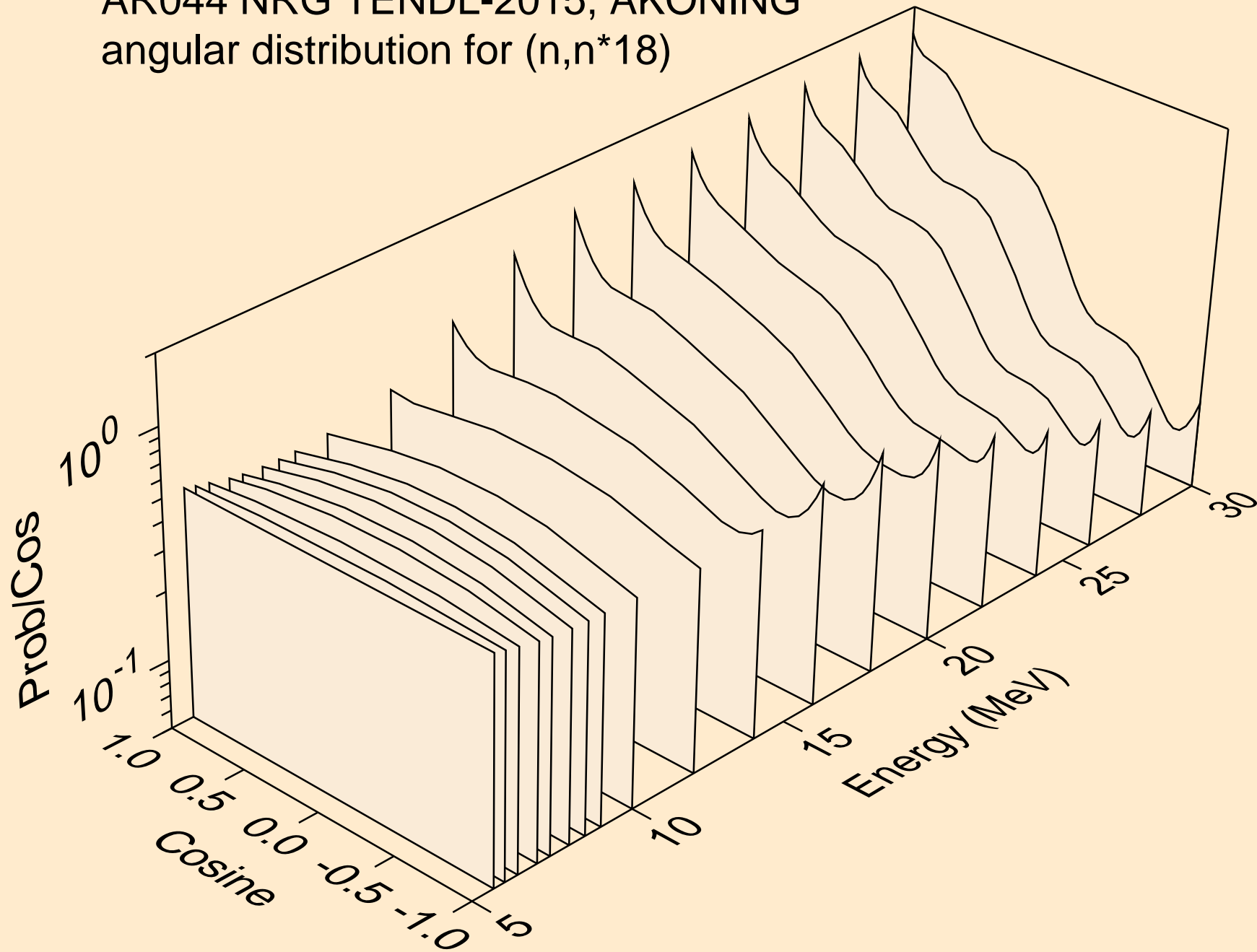




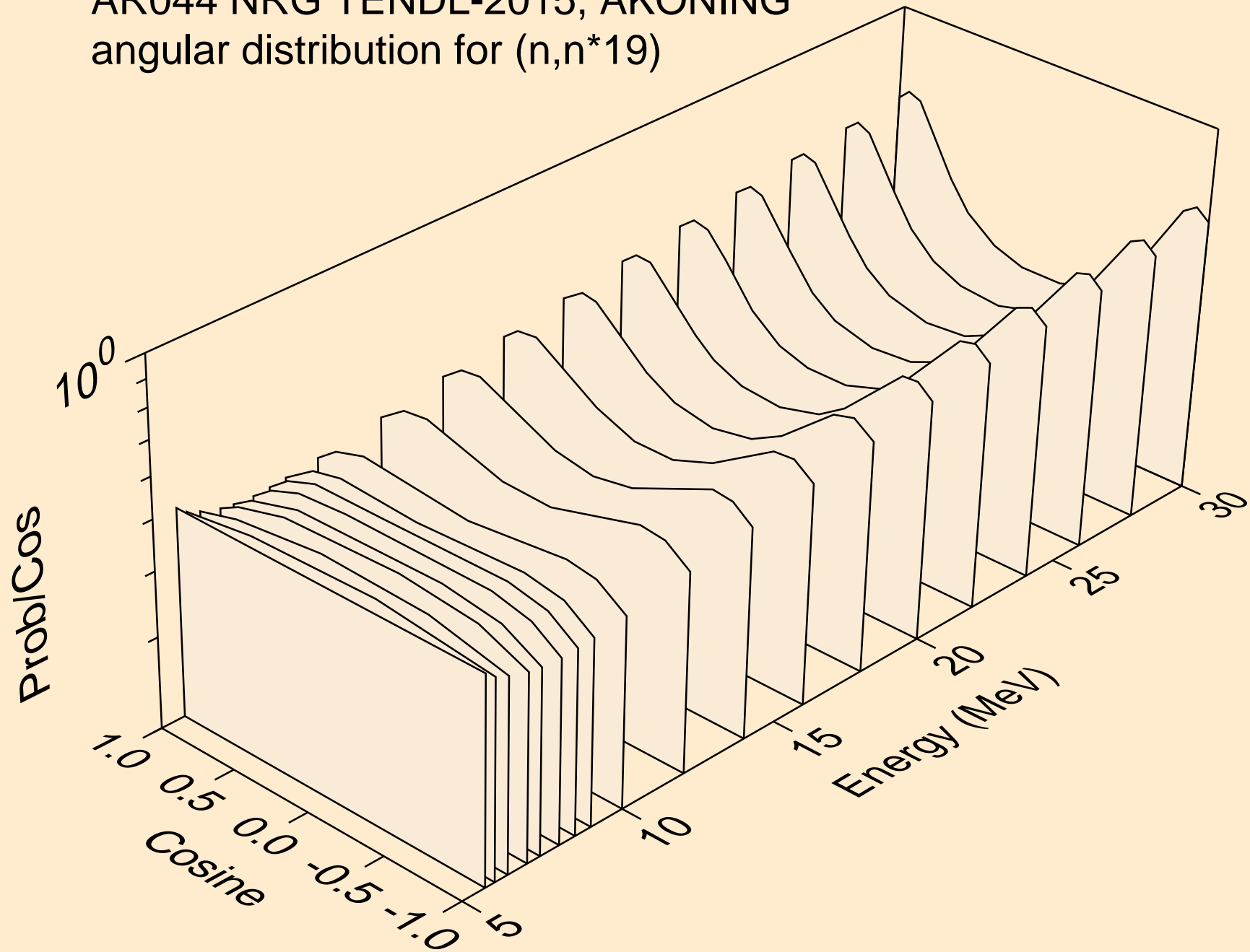
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angular distribution for (n,n\*17)



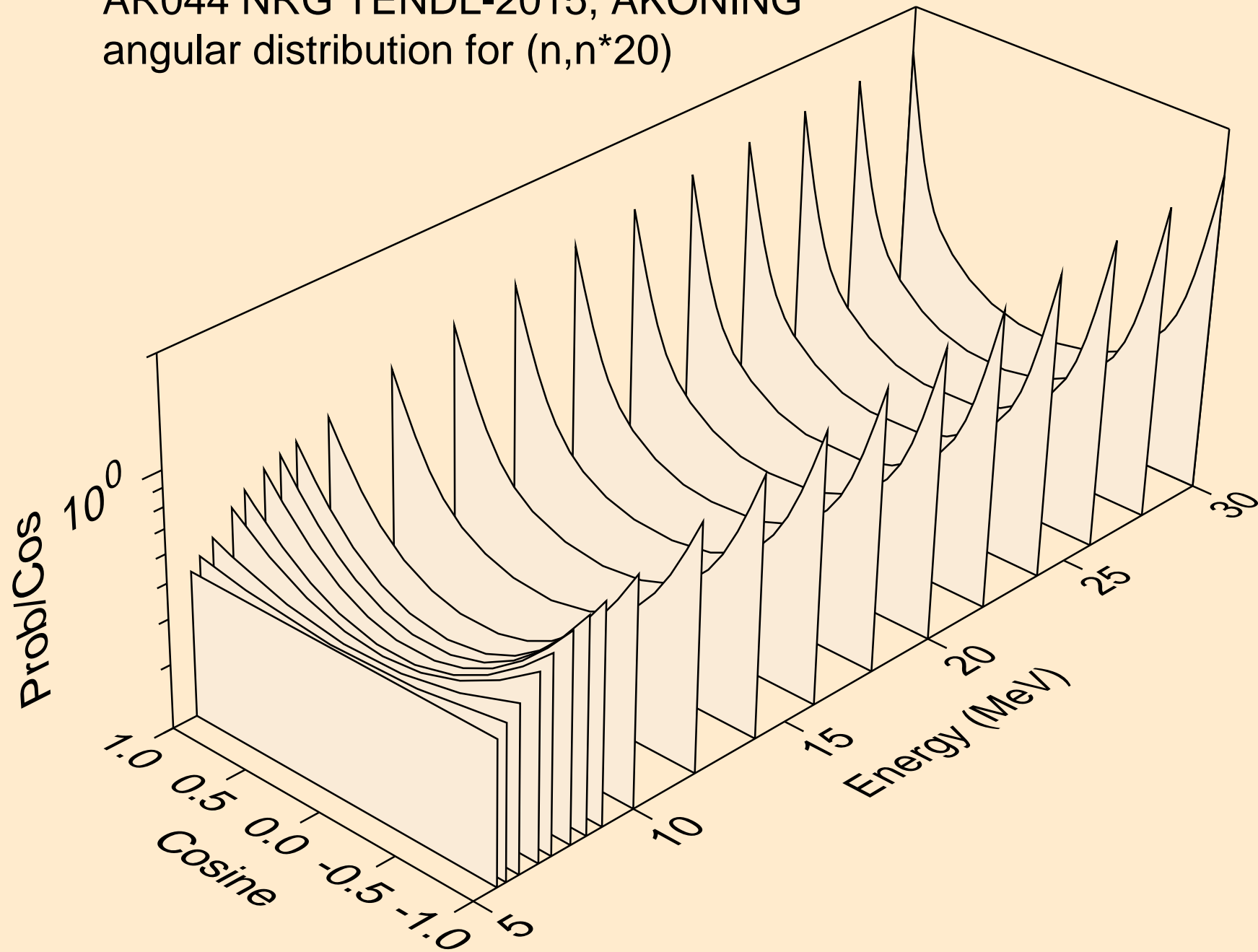
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angular distribution for (n,n\*18)



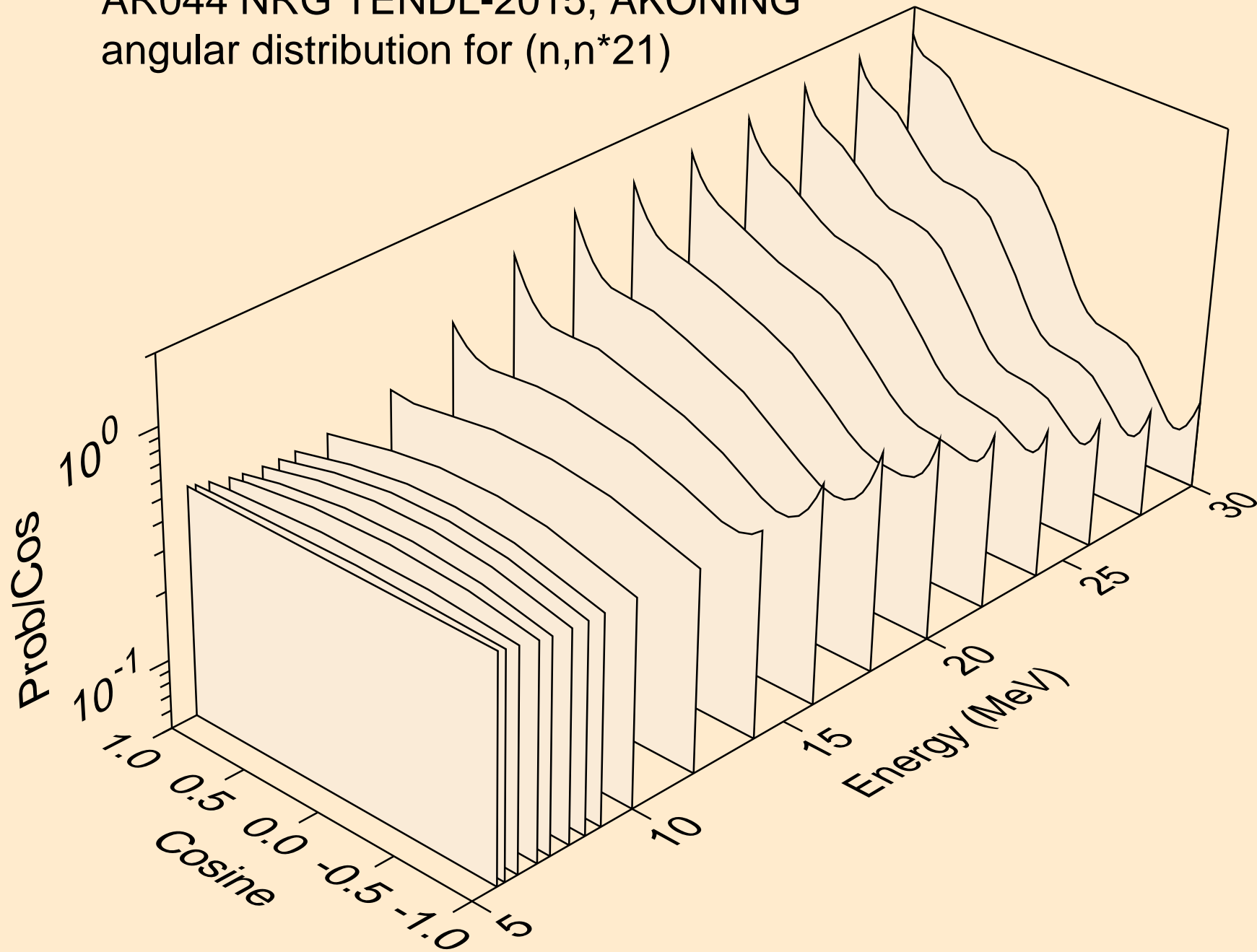
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angular distribution for (n,n\*19)



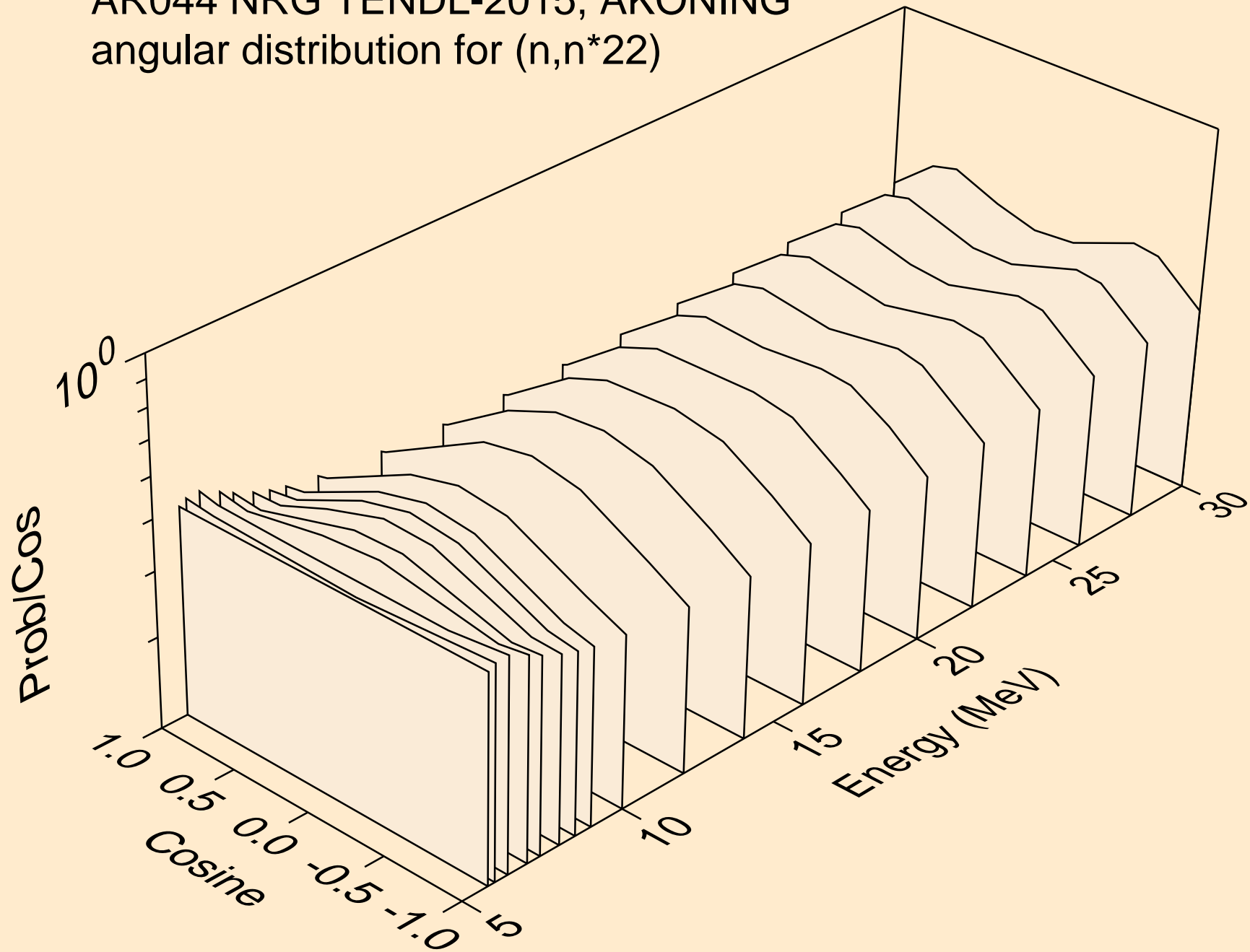
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



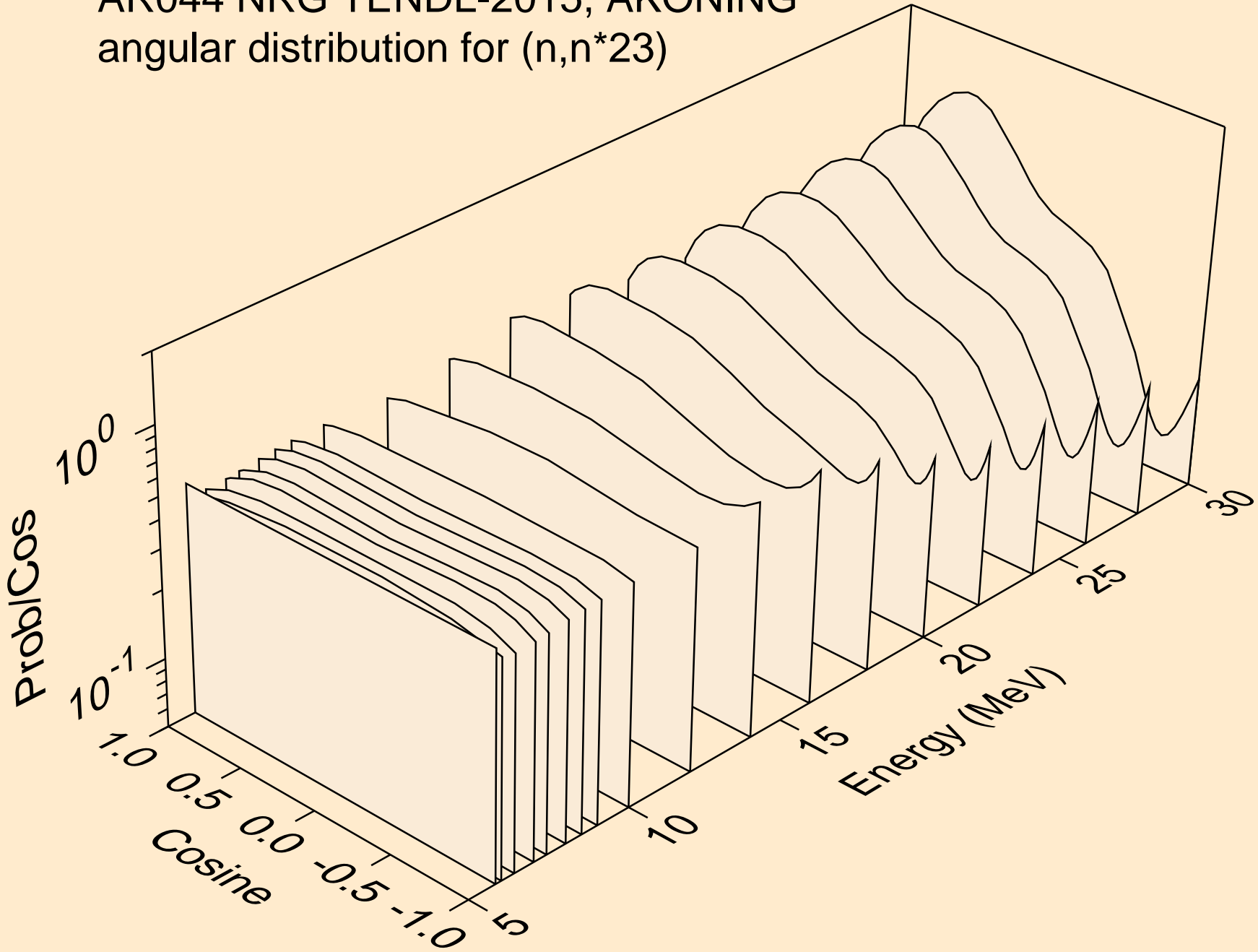
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



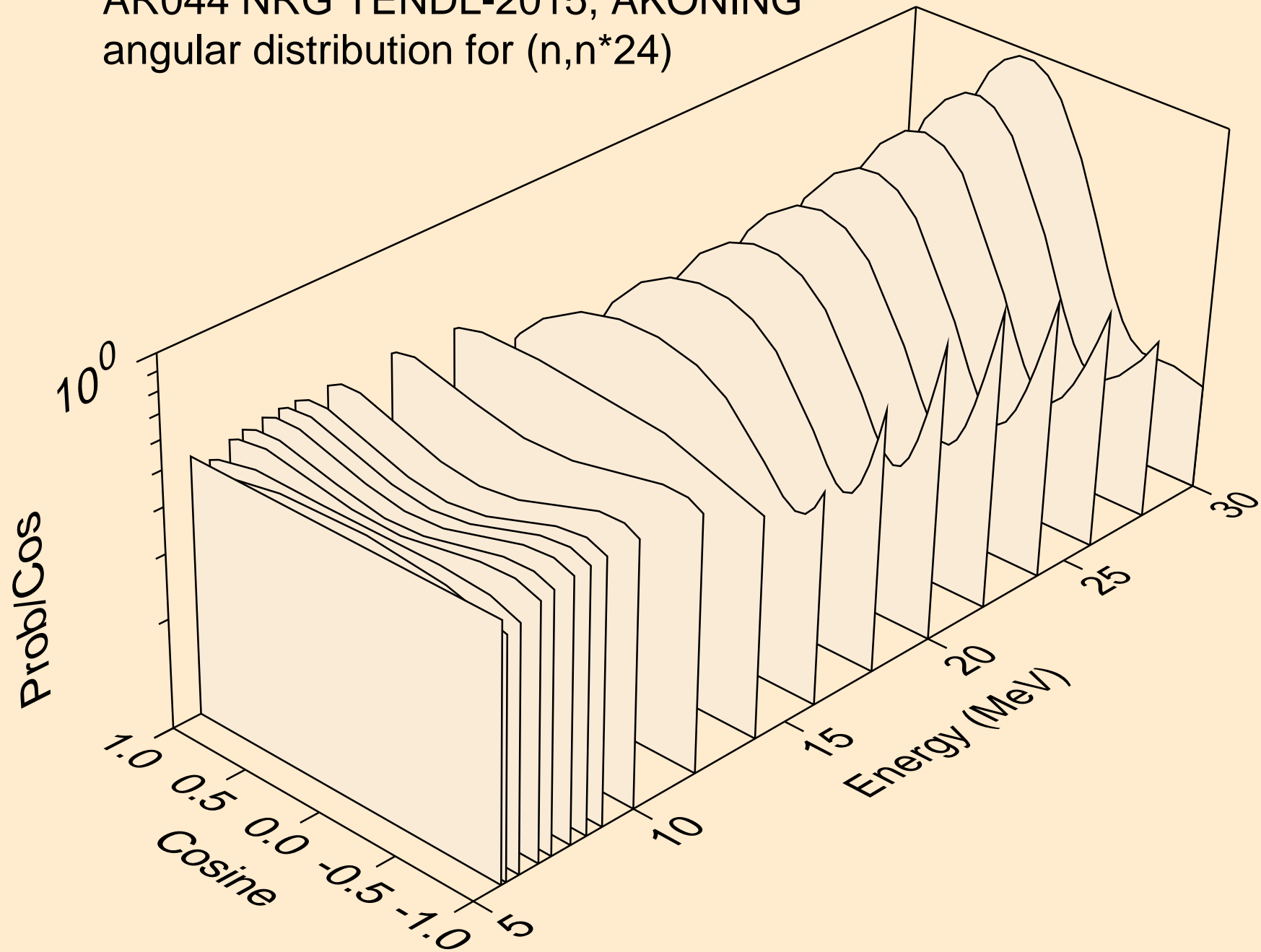
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

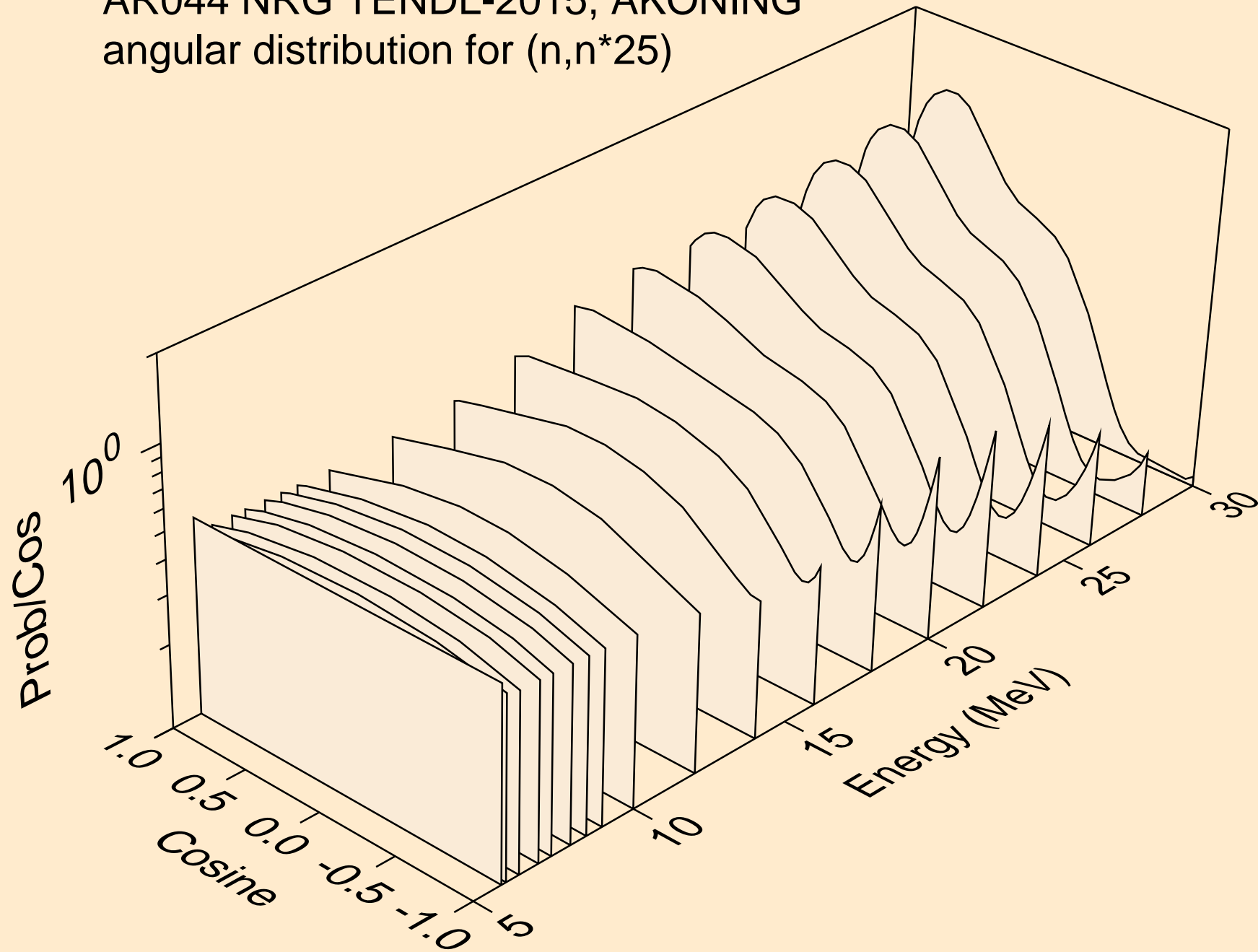


AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

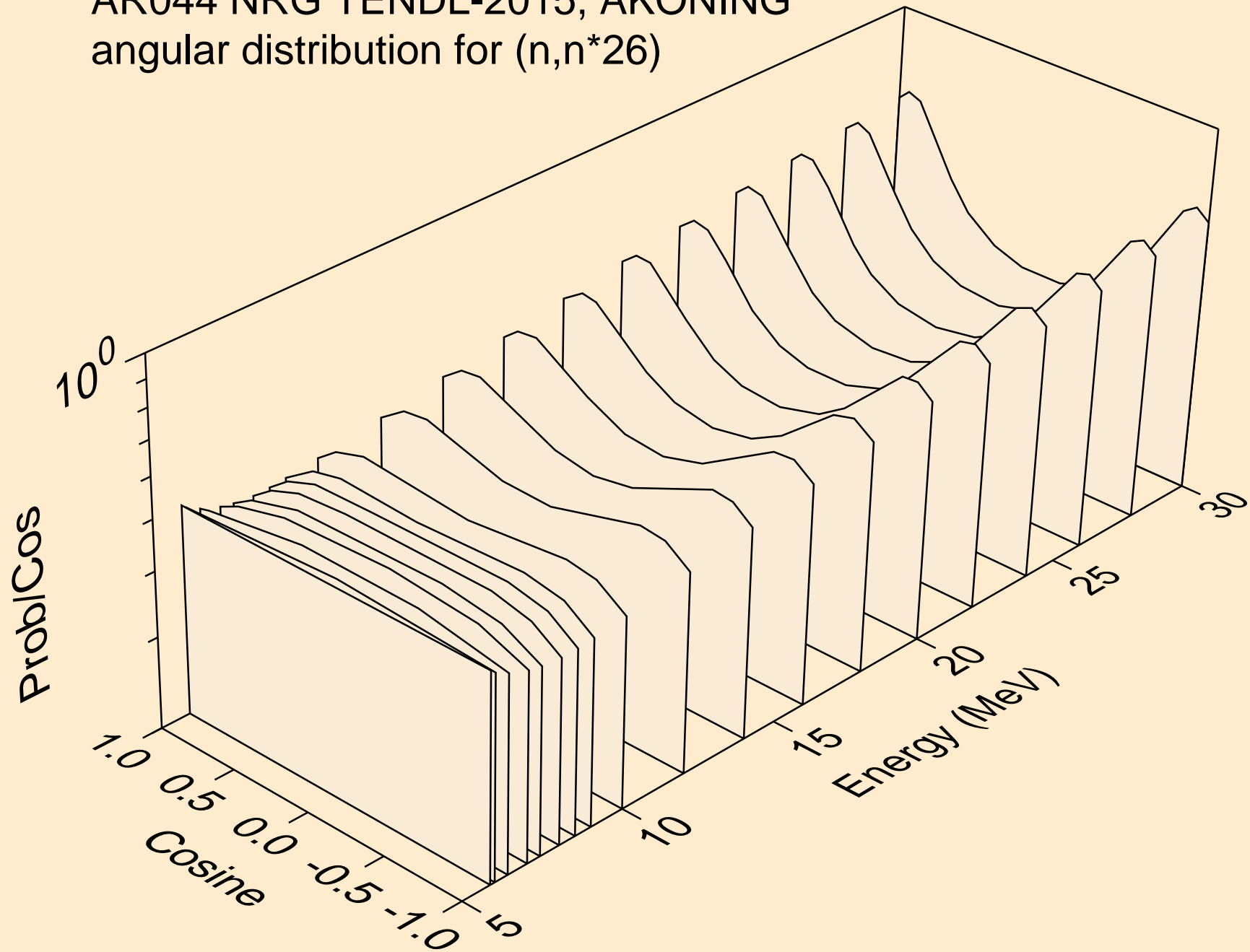




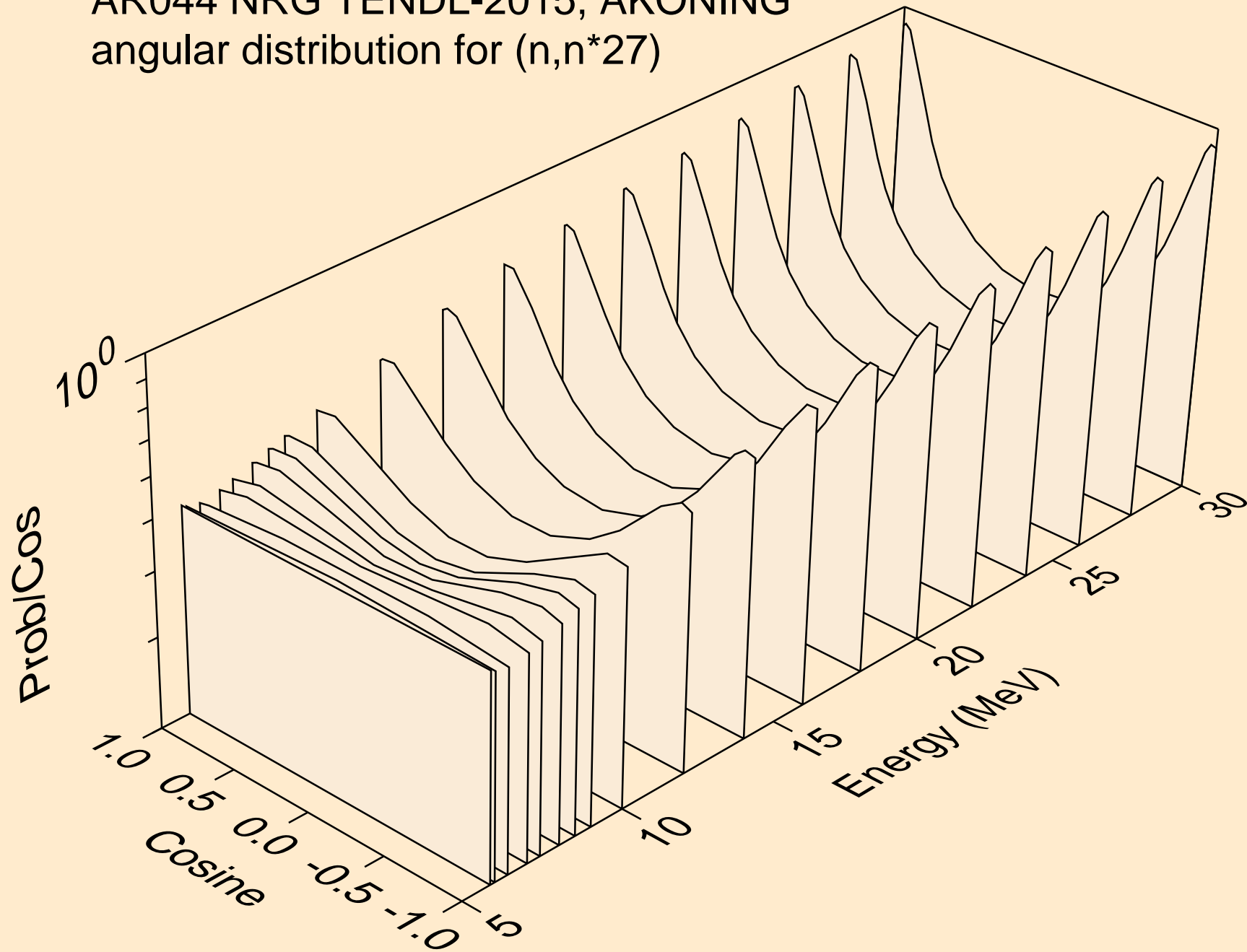
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angular distribution for (n,n\*25)



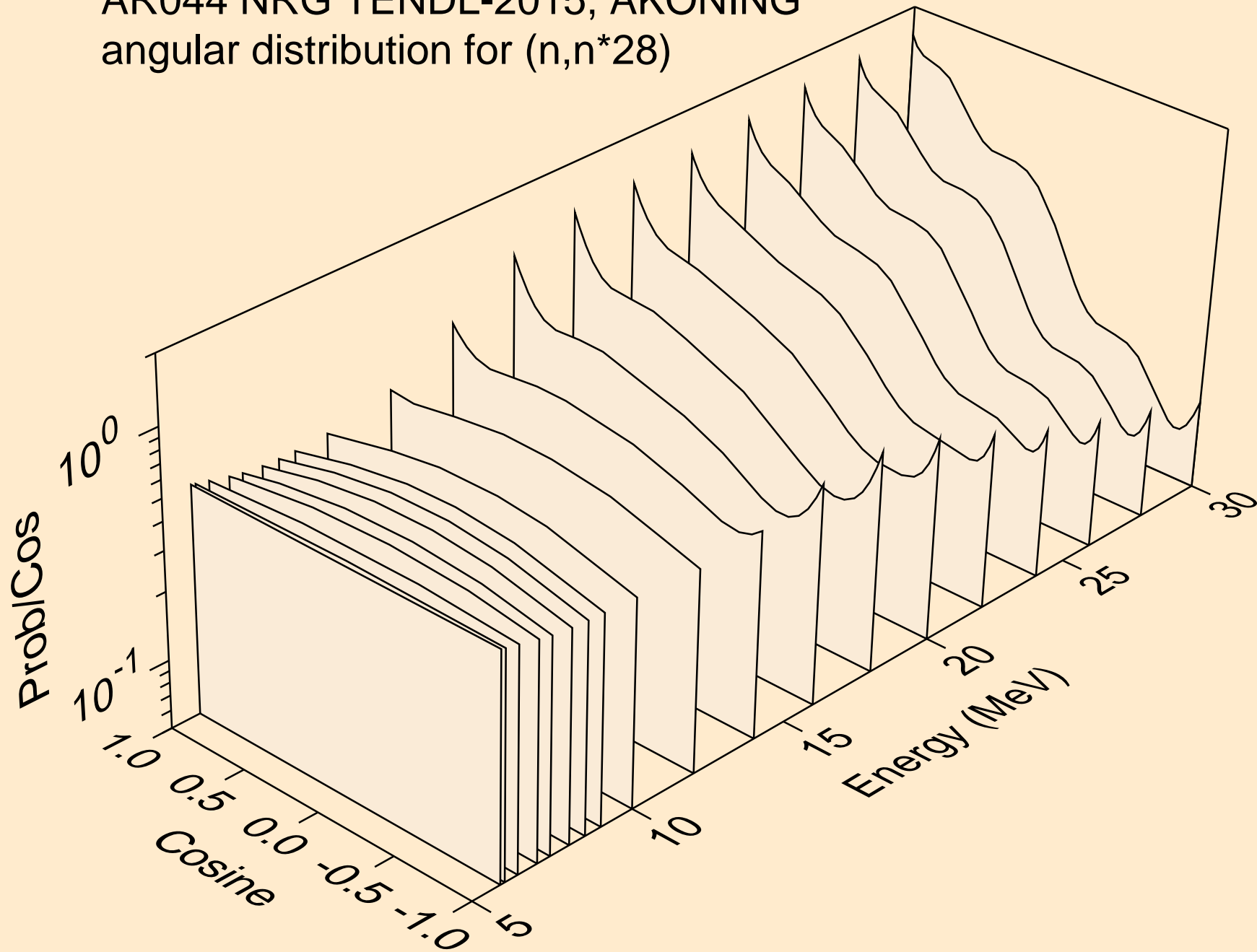
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angular distribution for (n,n\*26)



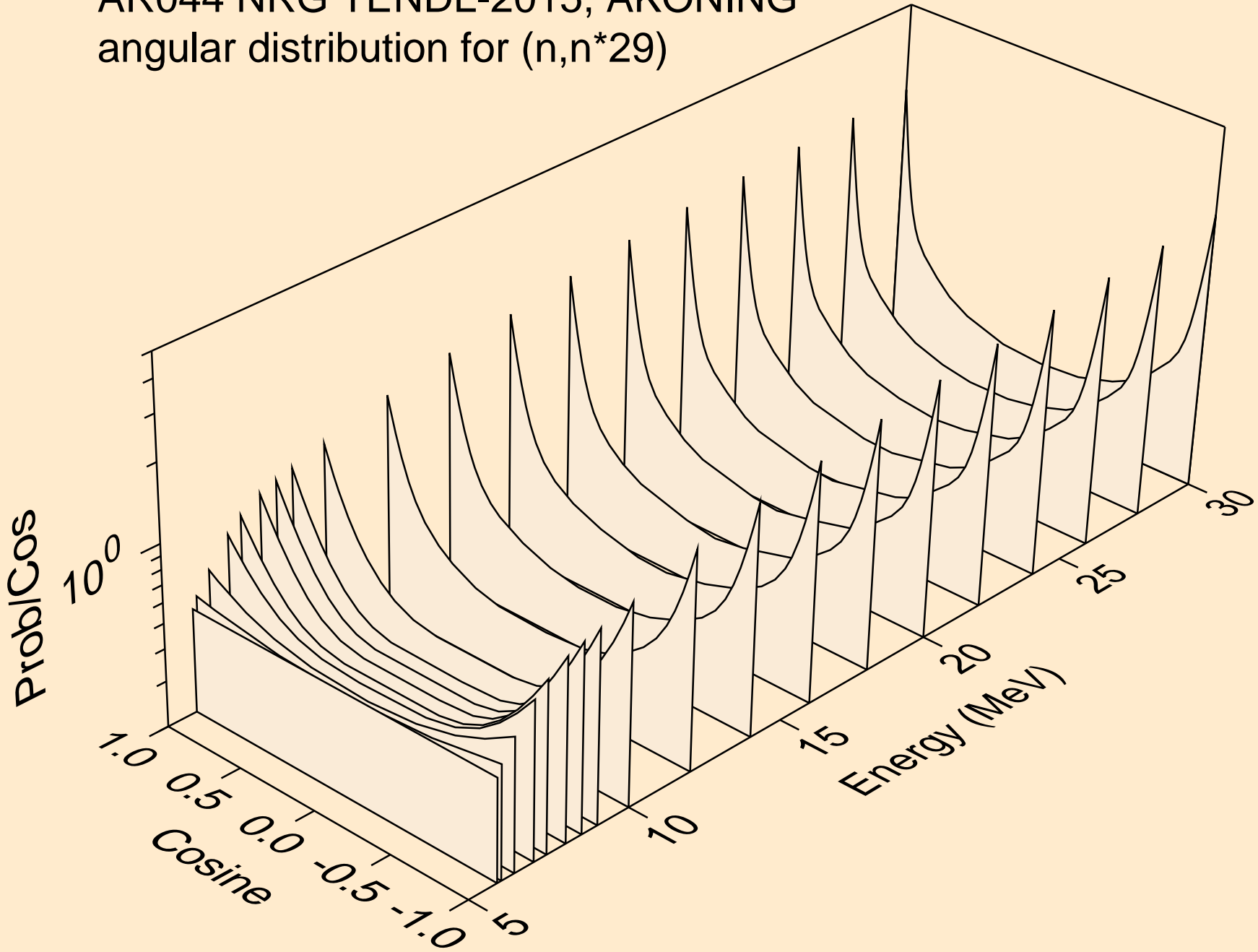
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



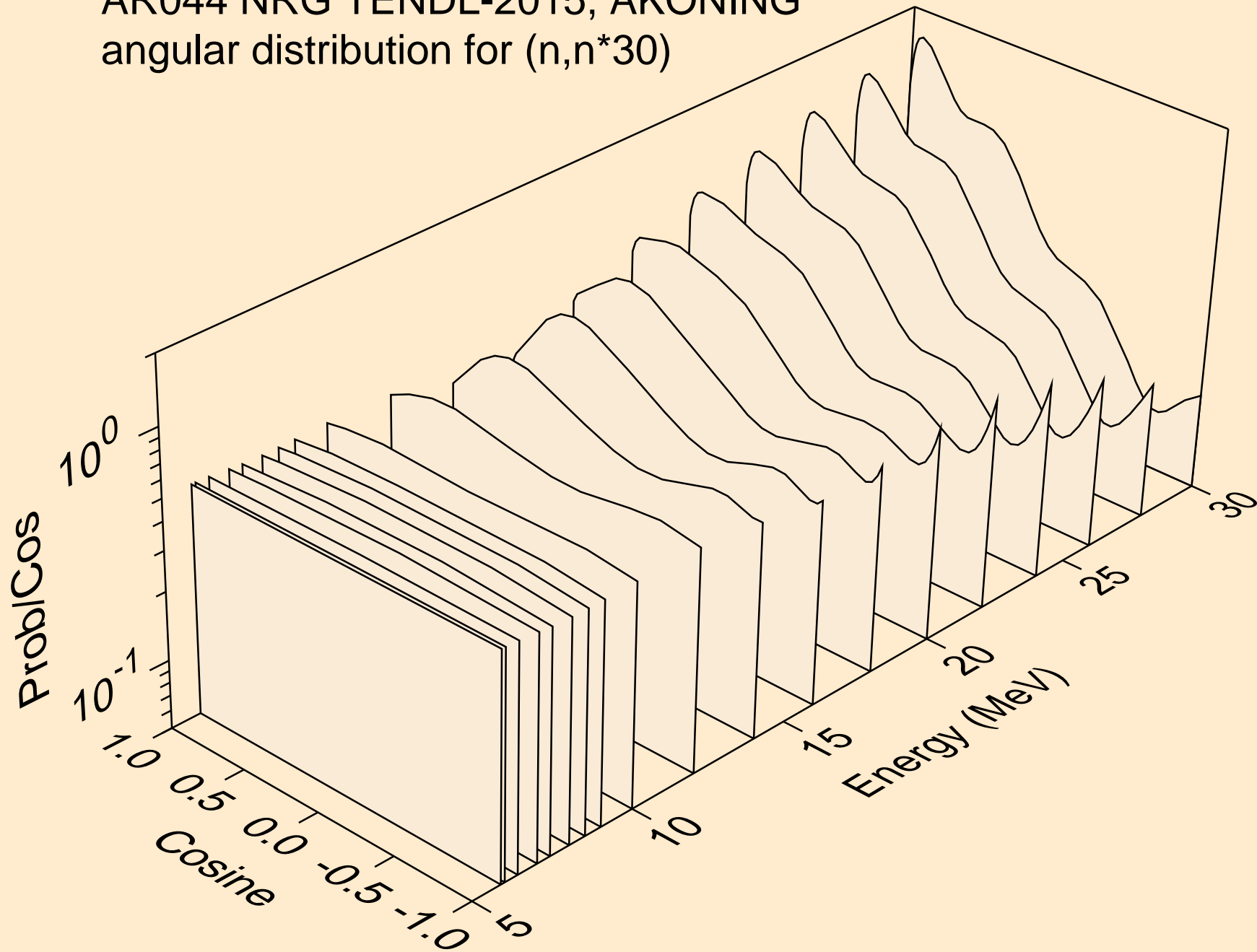
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



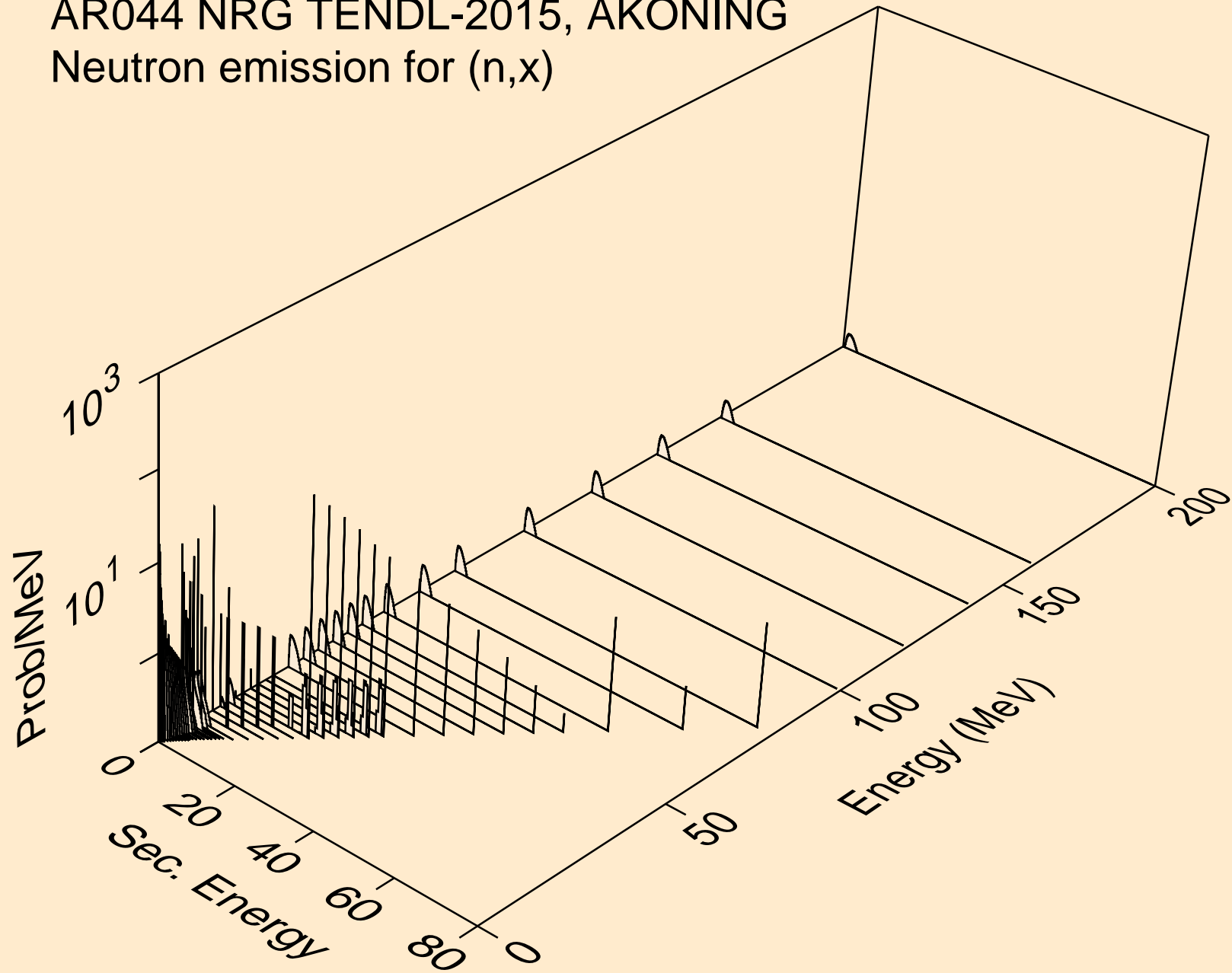
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



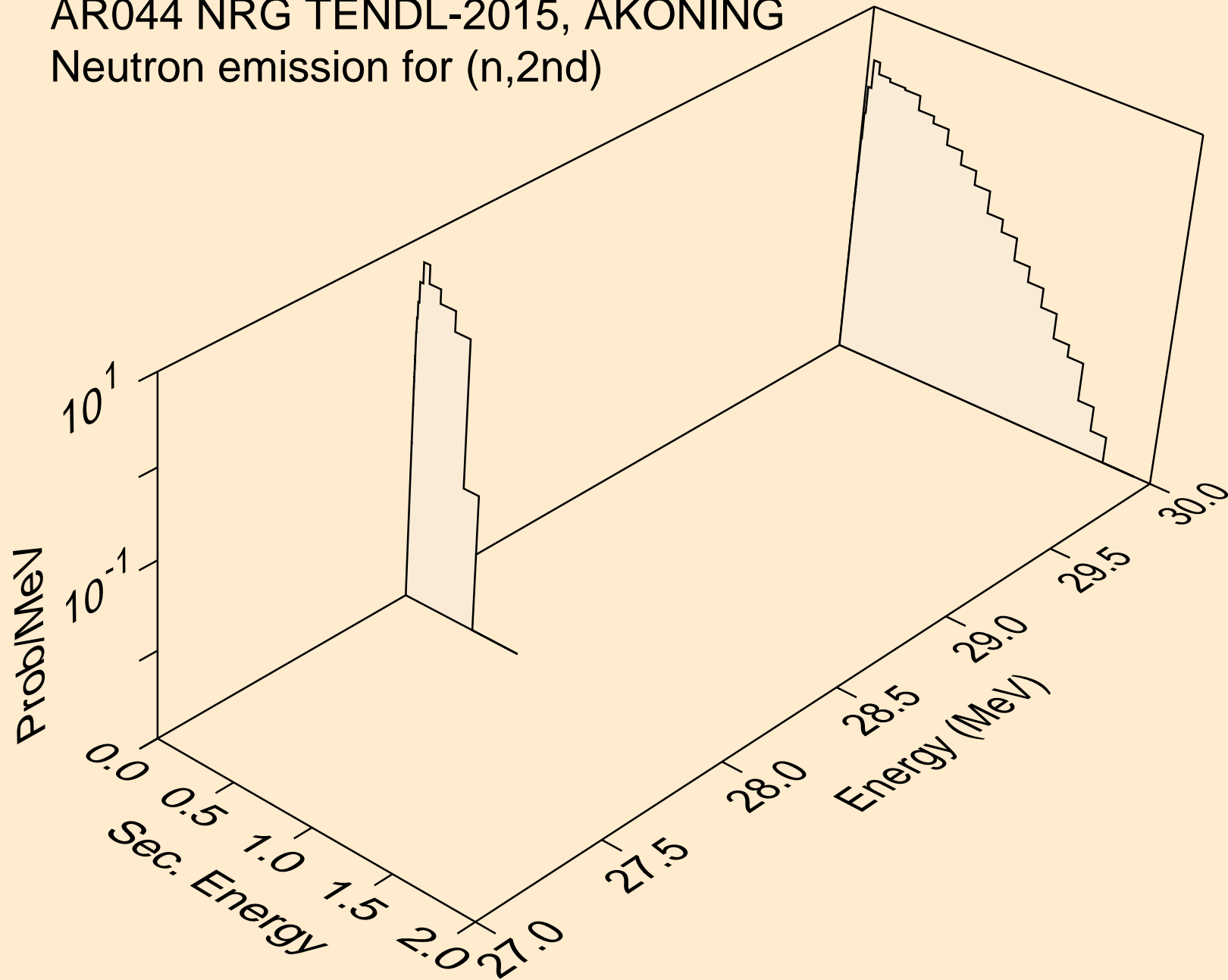
AR044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

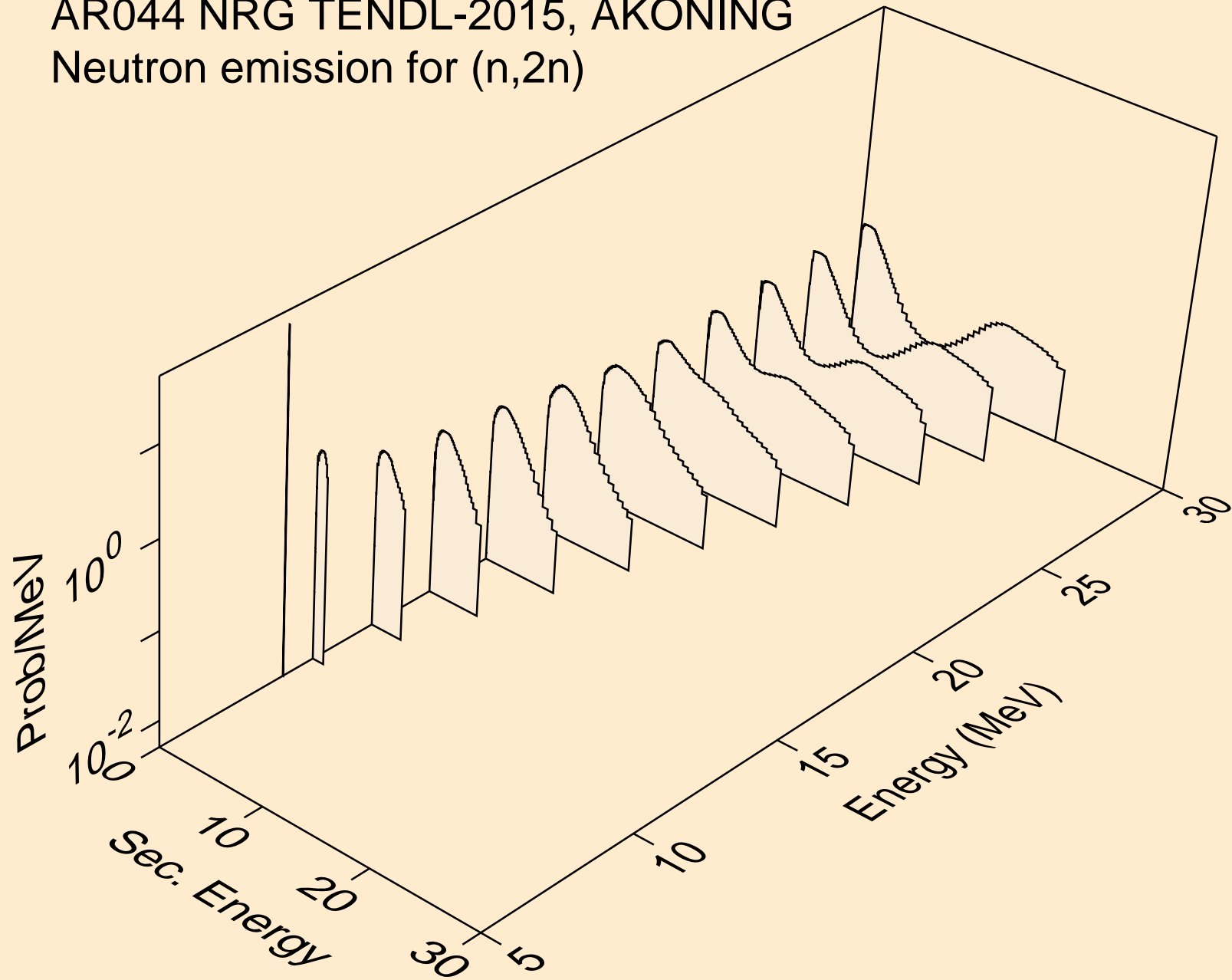


AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

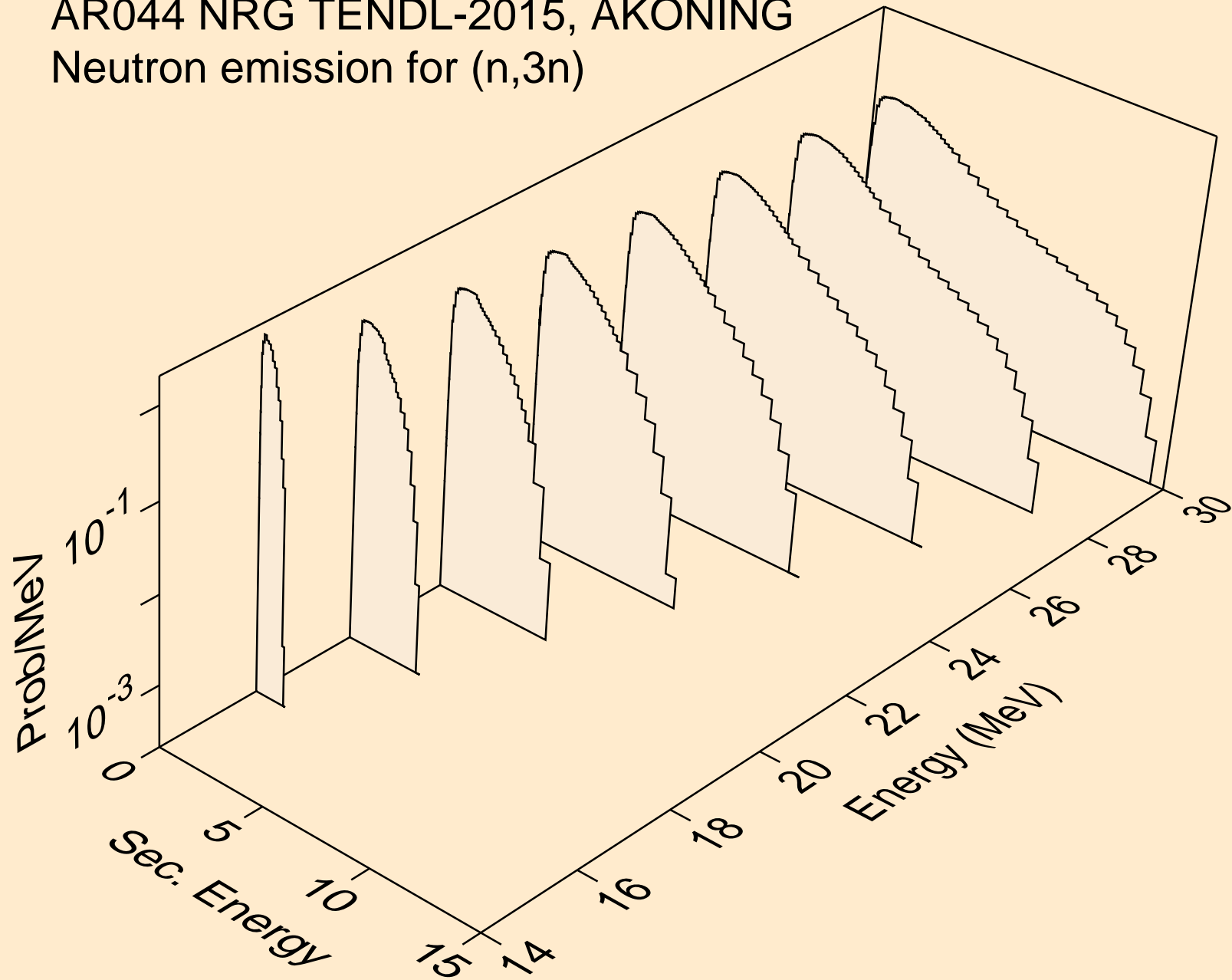




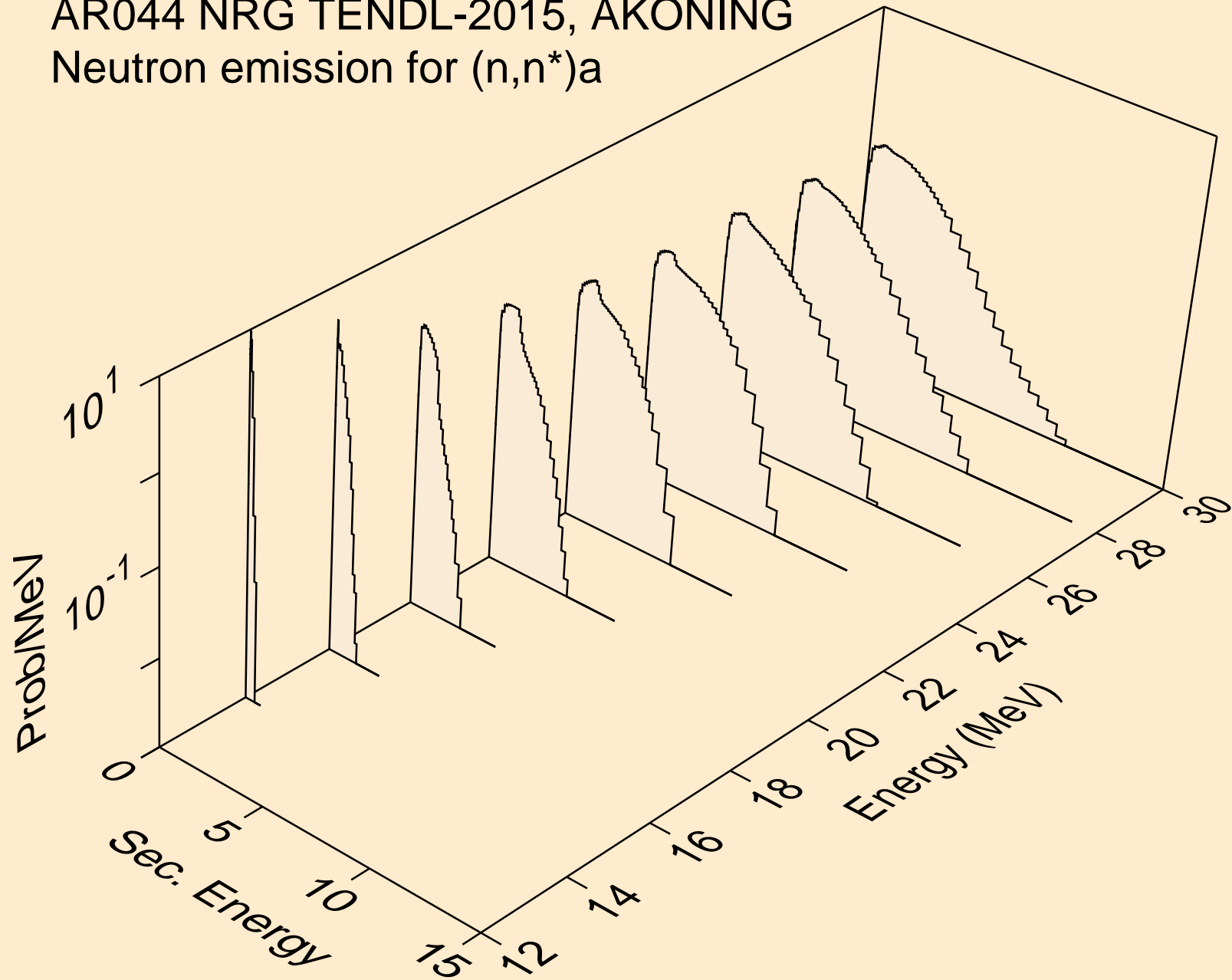
AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



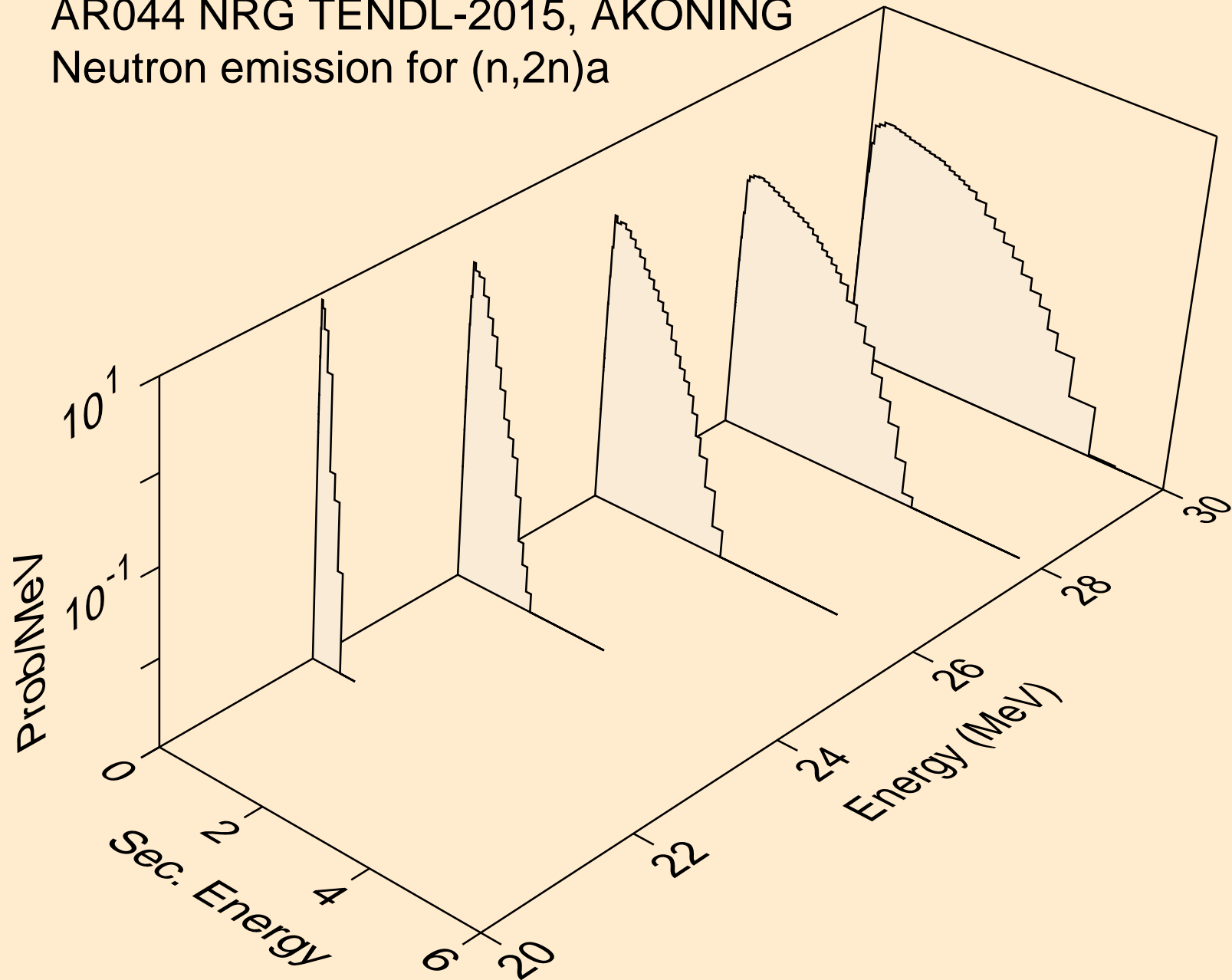
AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



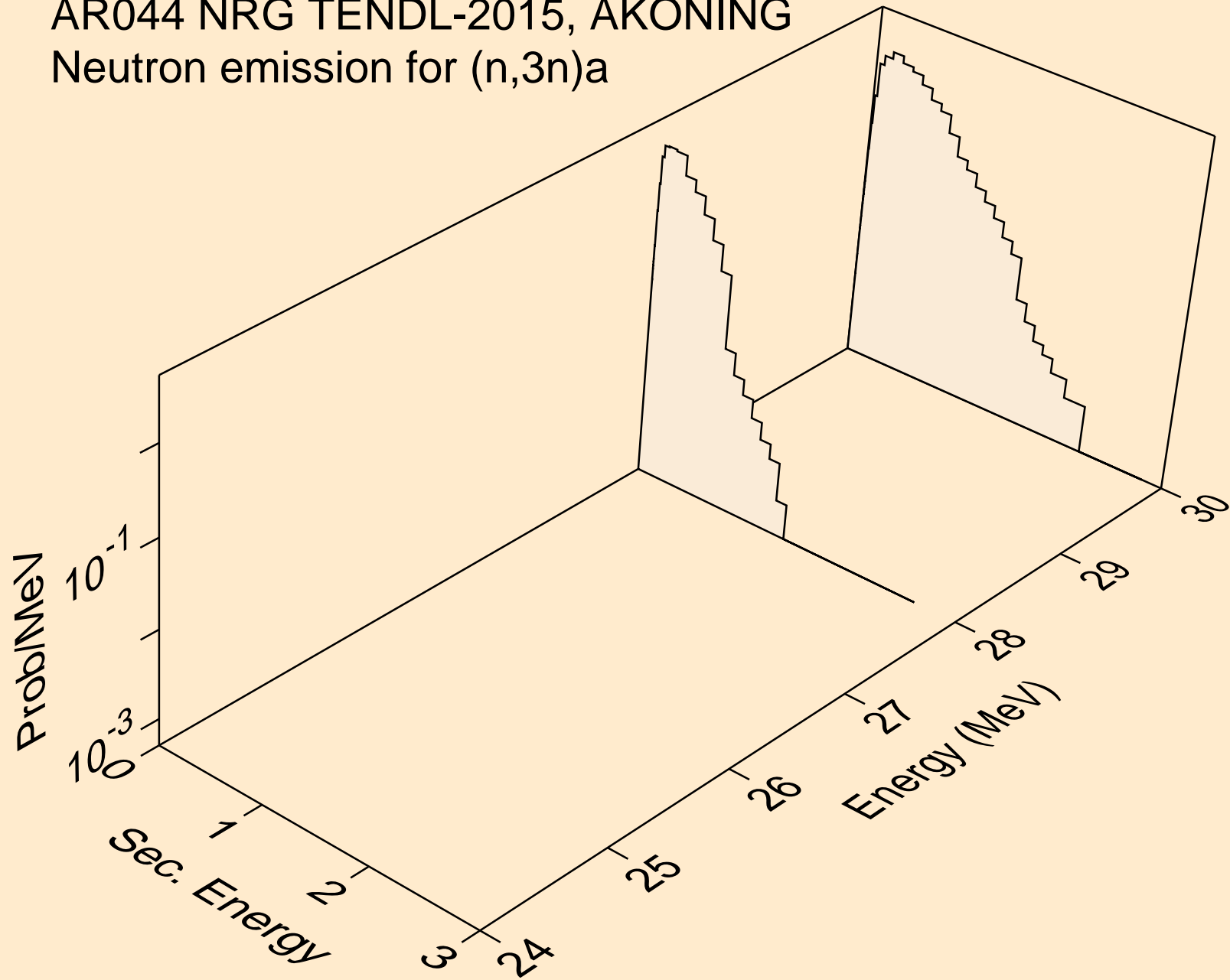
AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



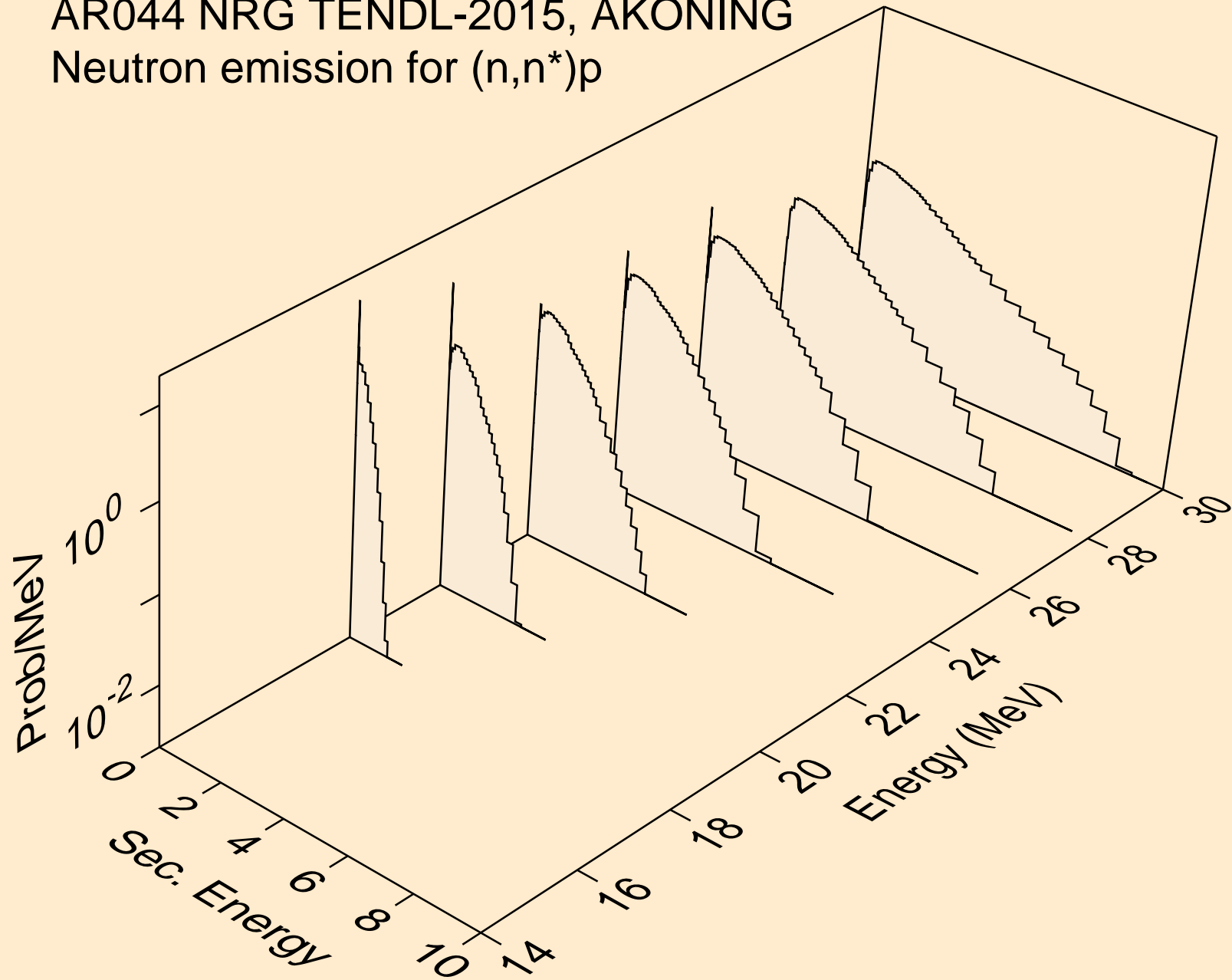
AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



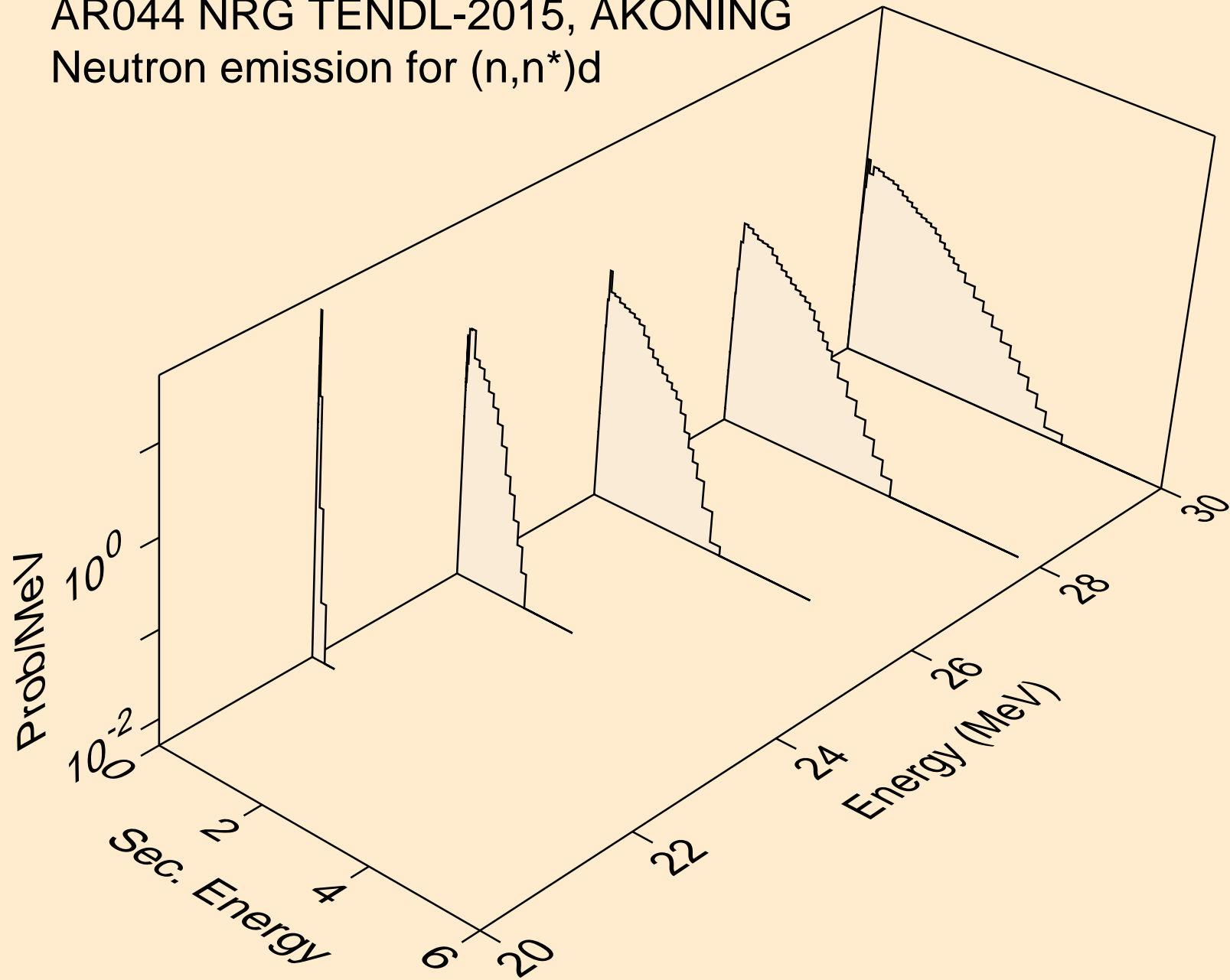
AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



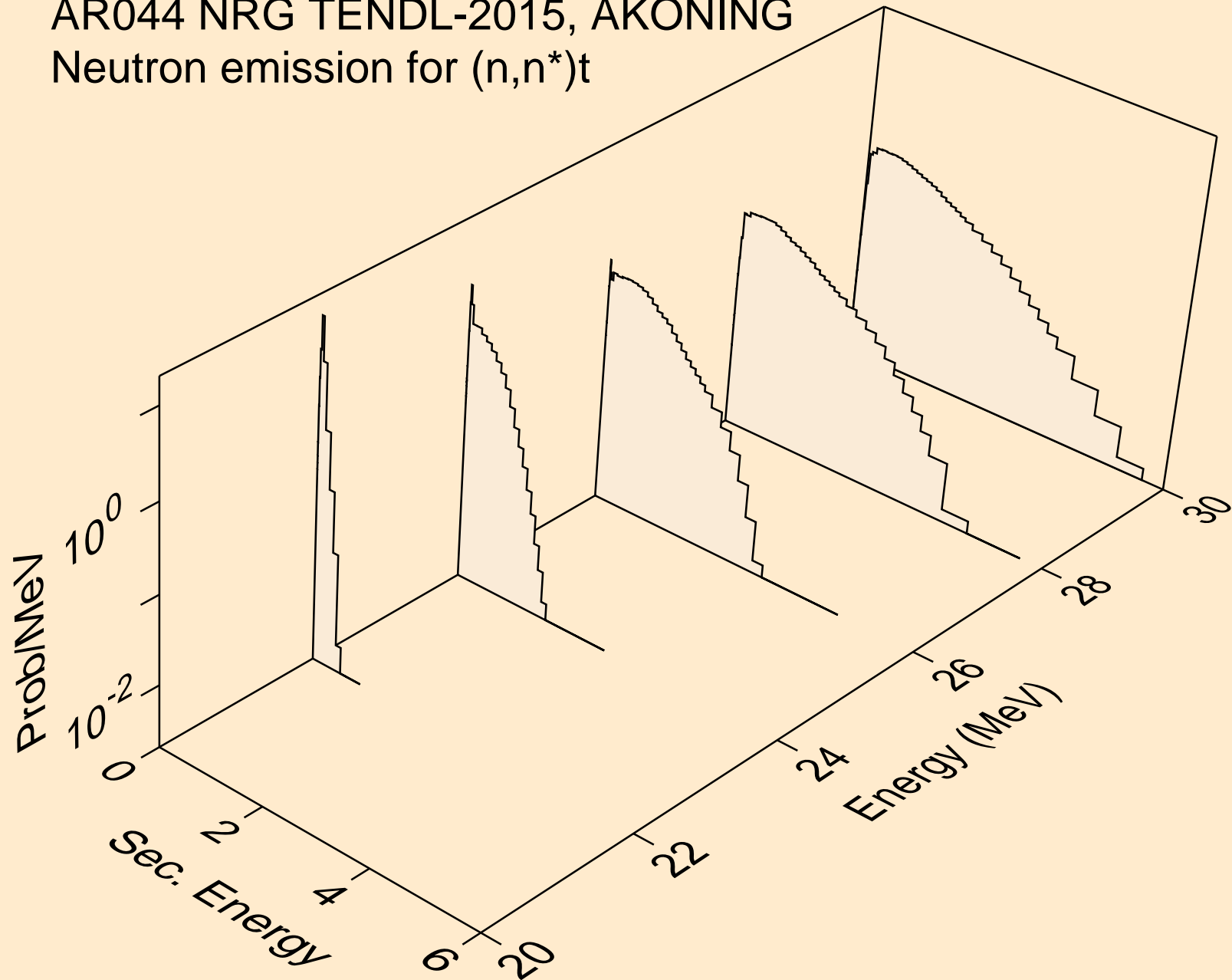
AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

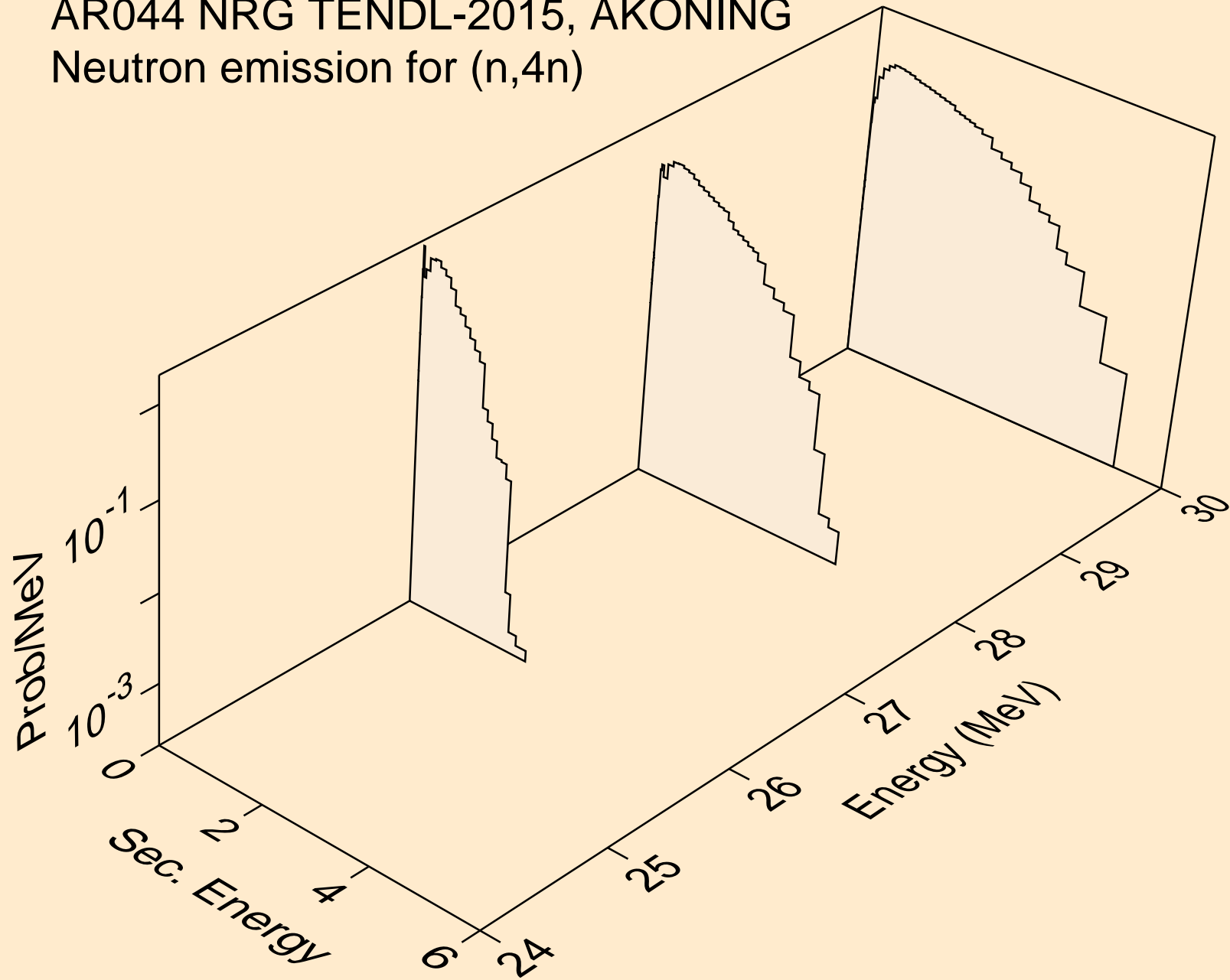


AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

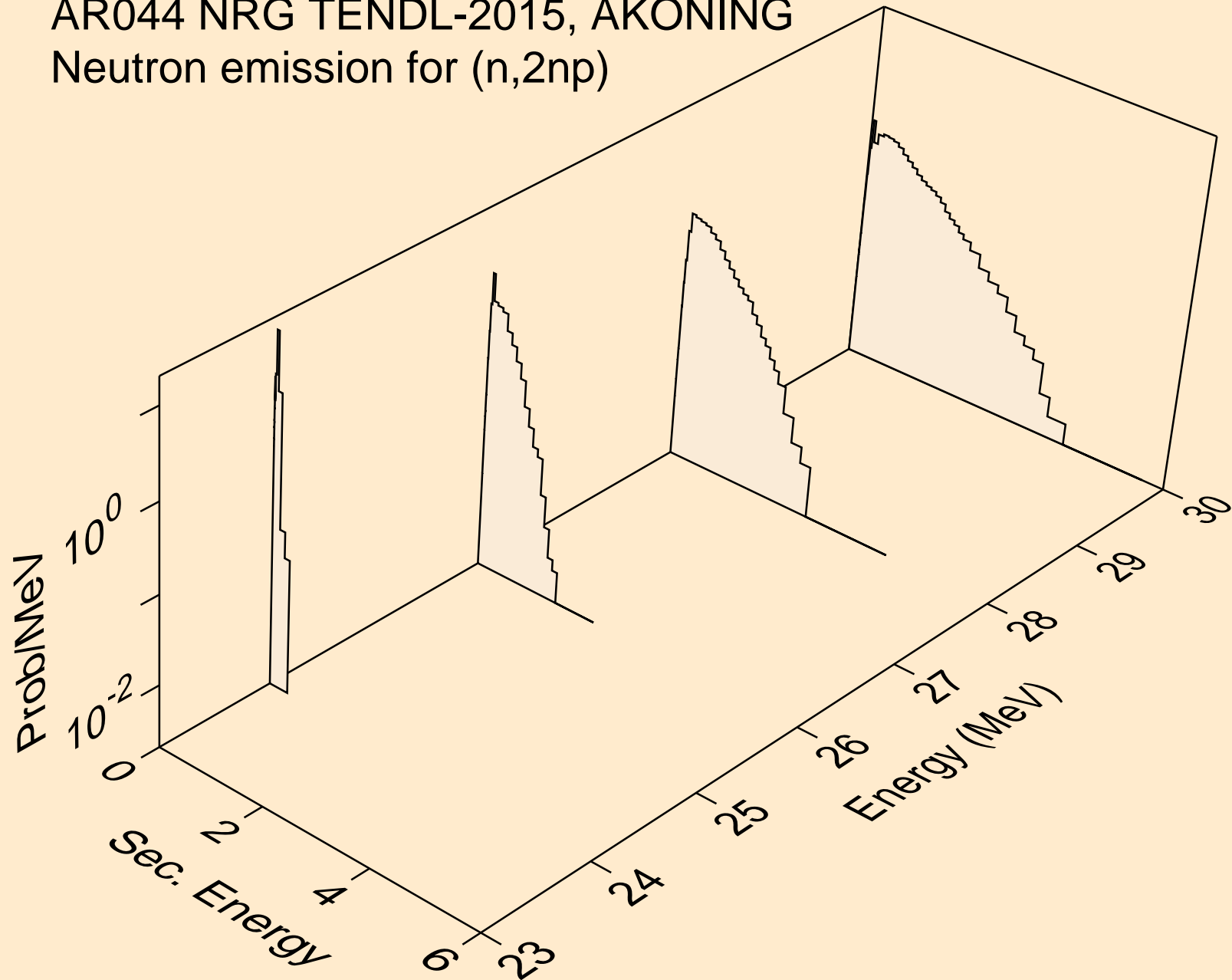




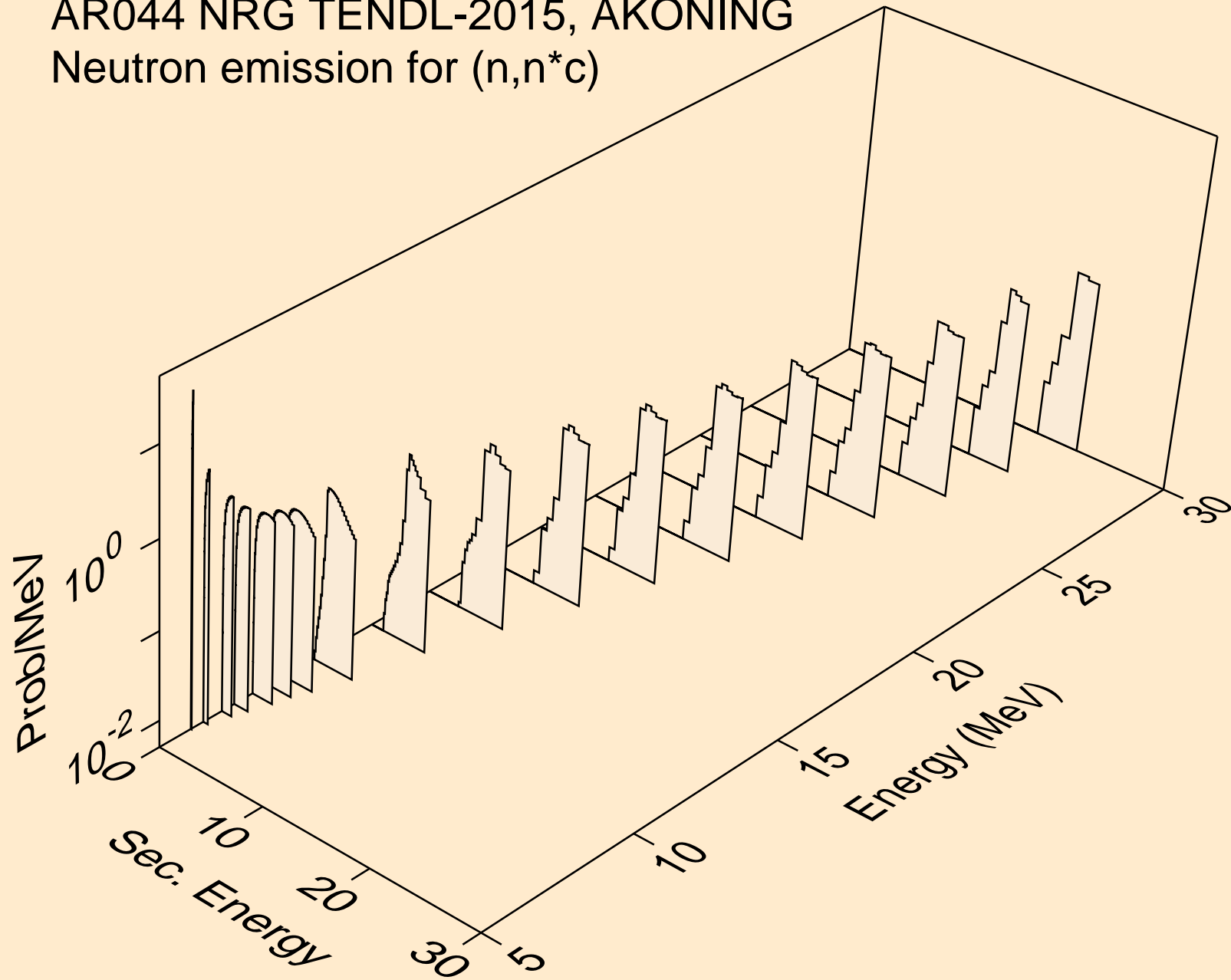
AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



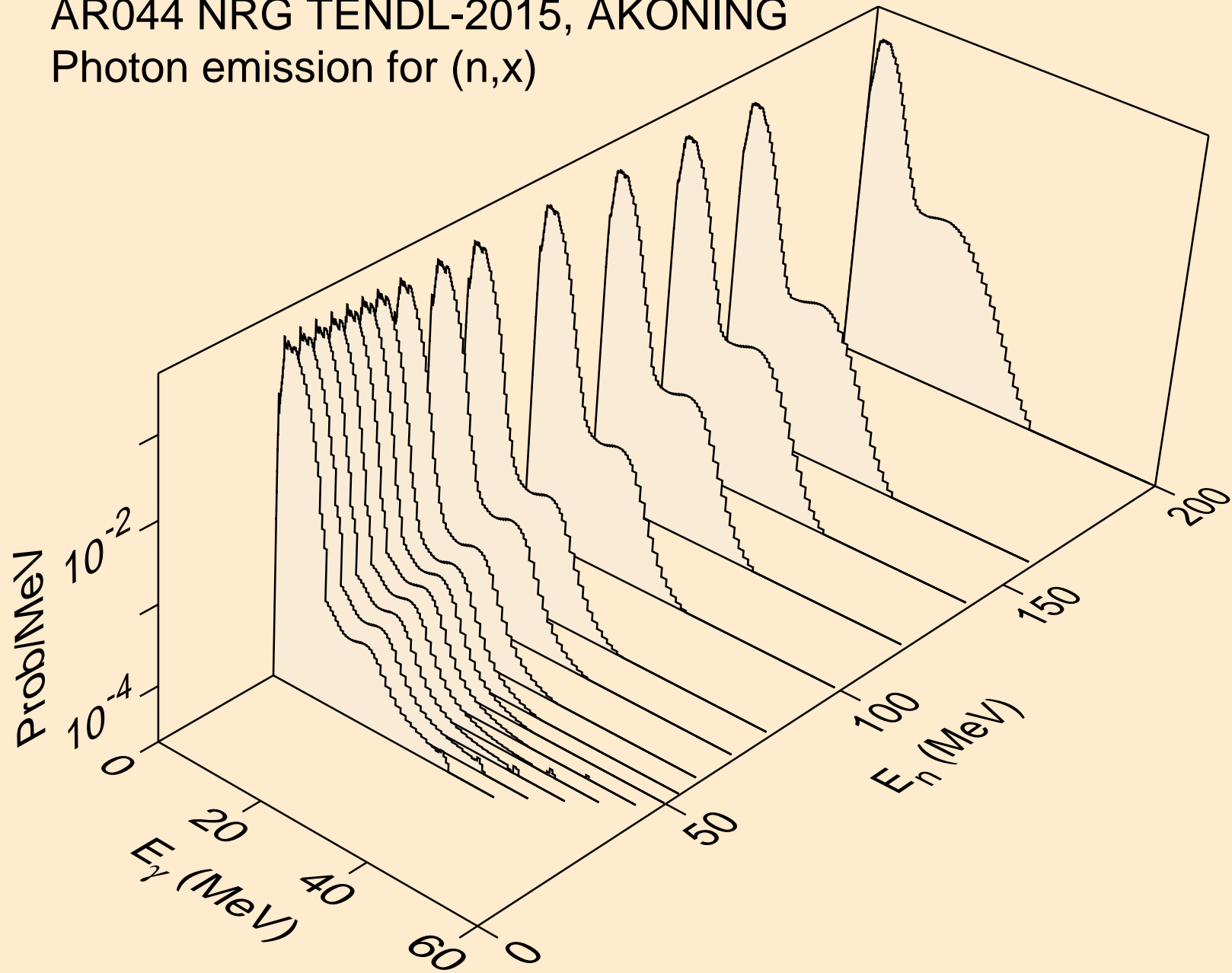
AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



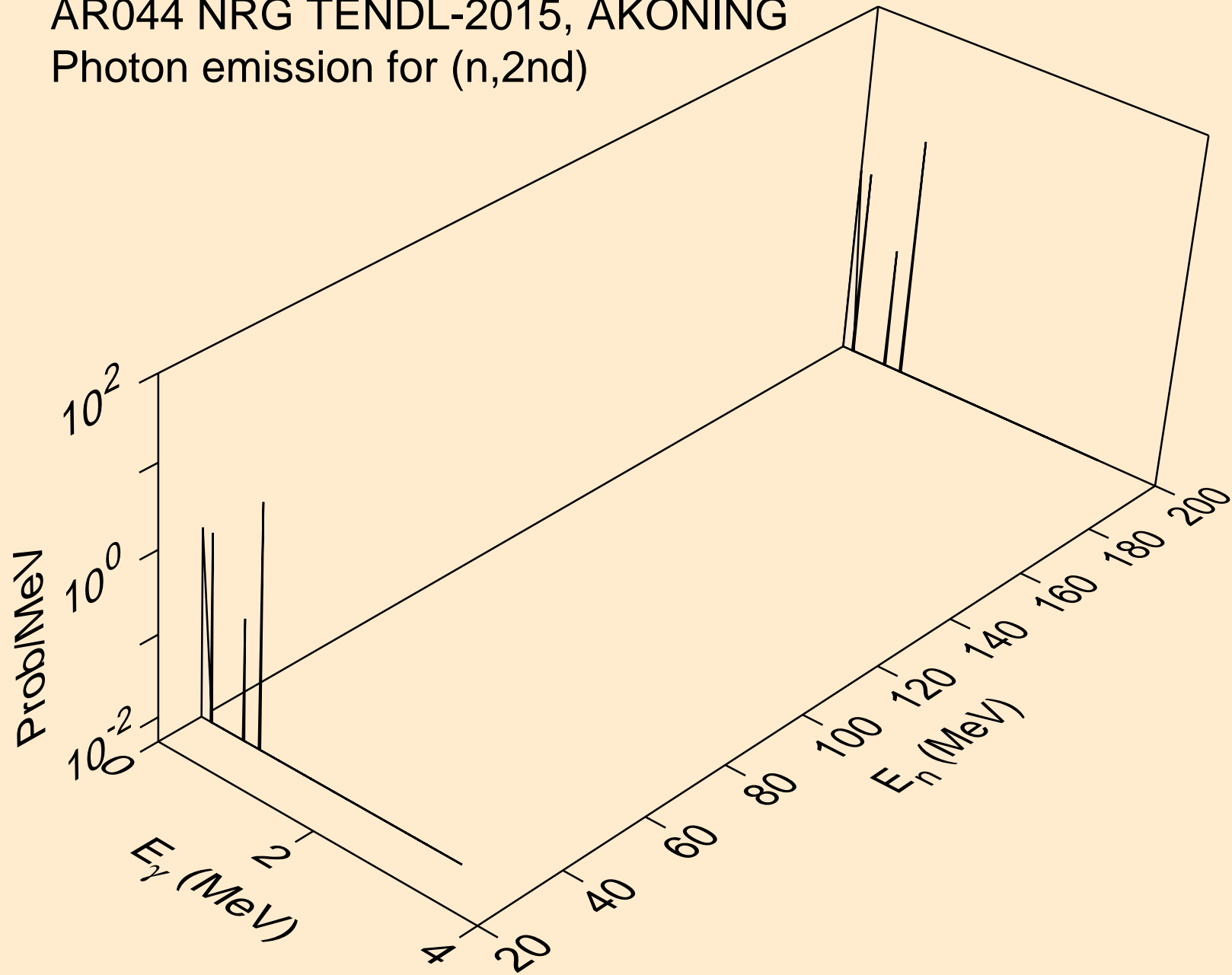
AR044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



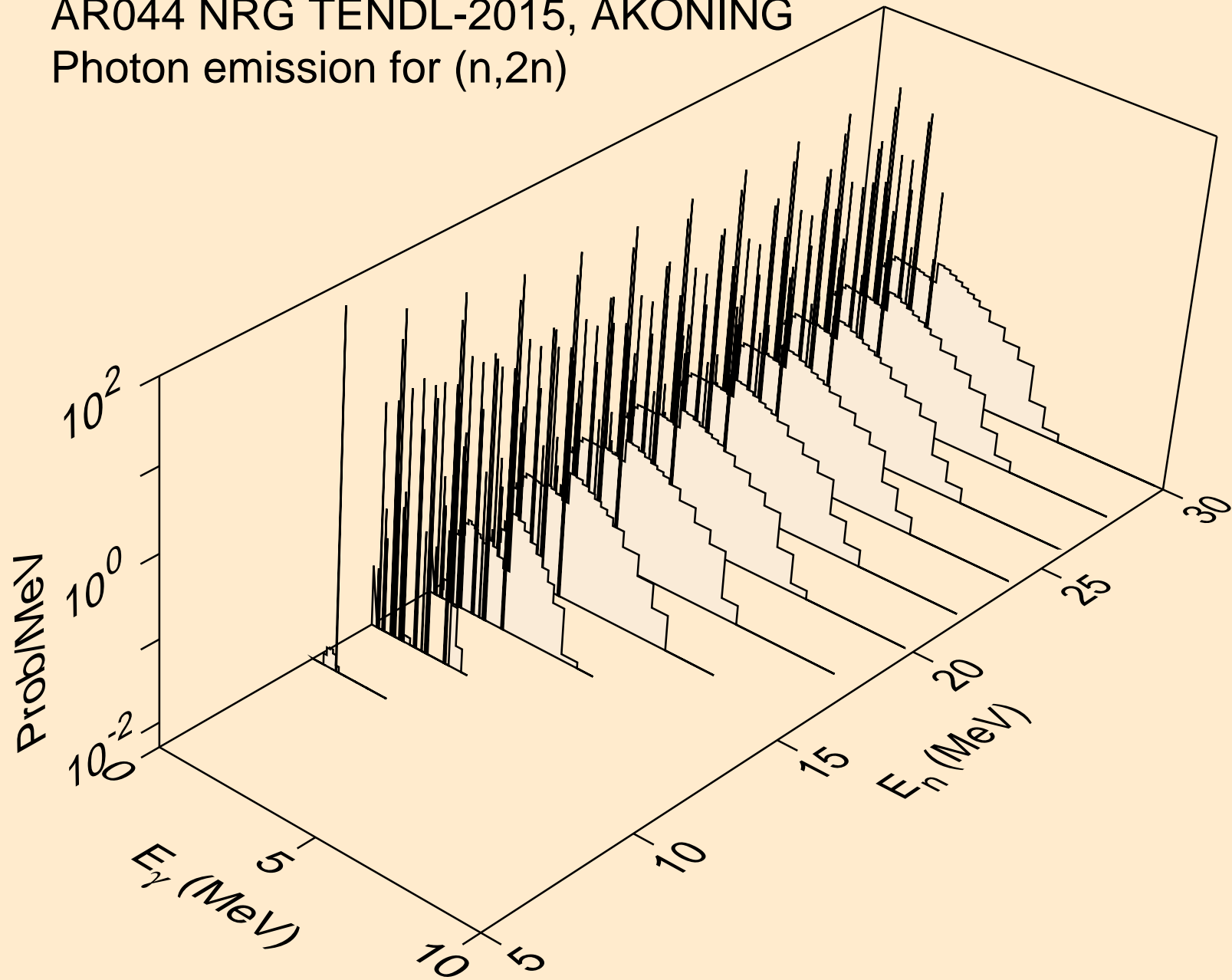
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



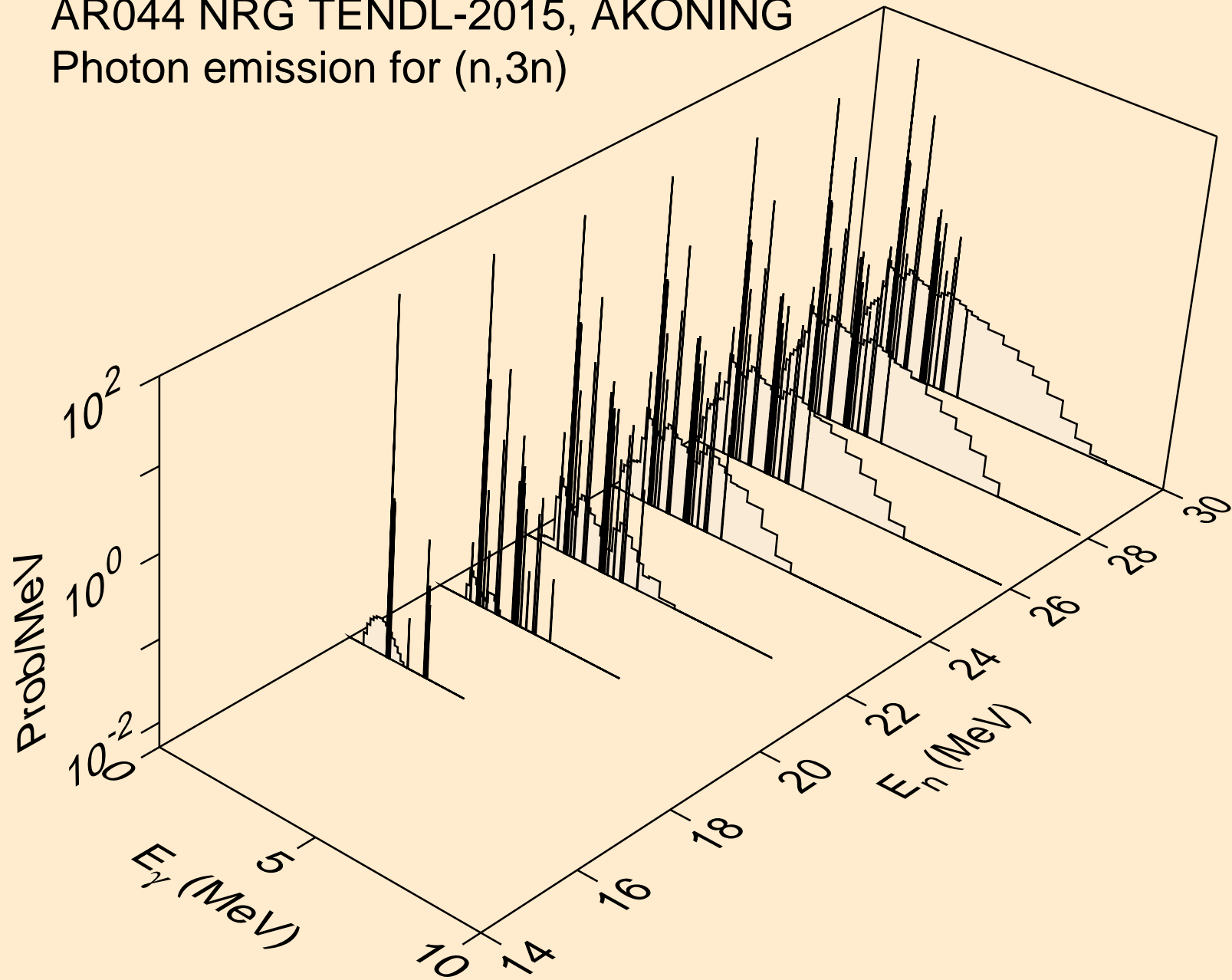
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



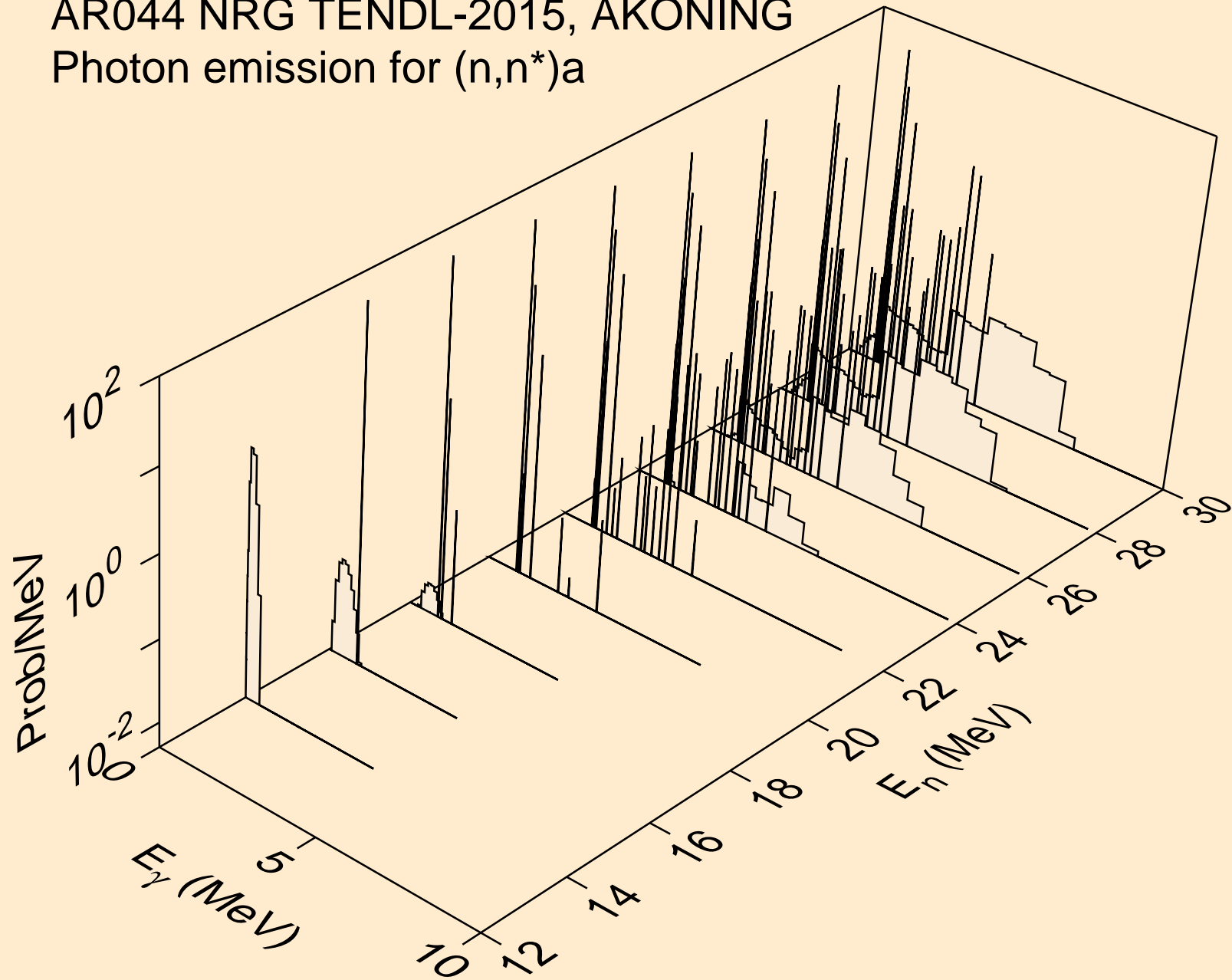
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

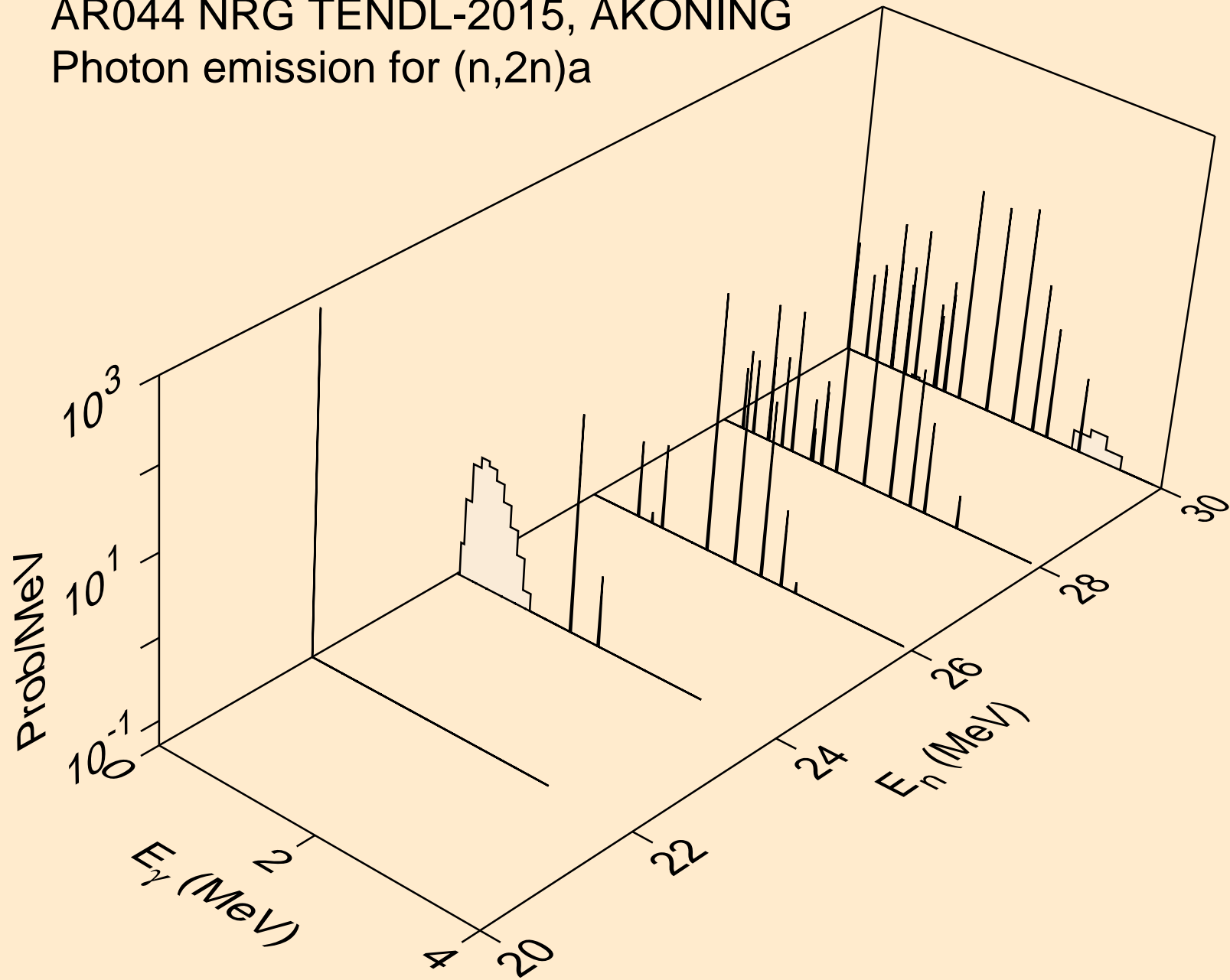


AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

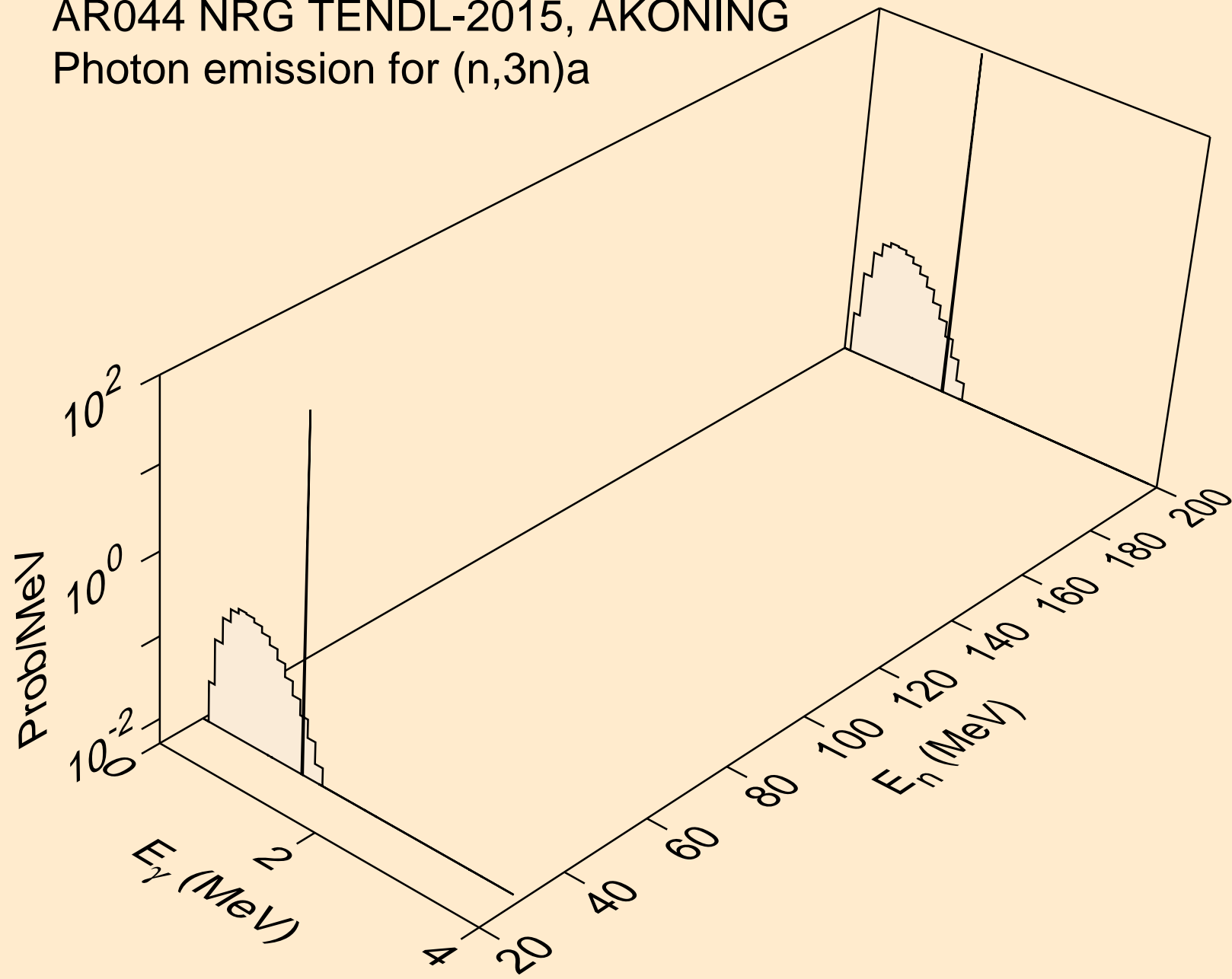




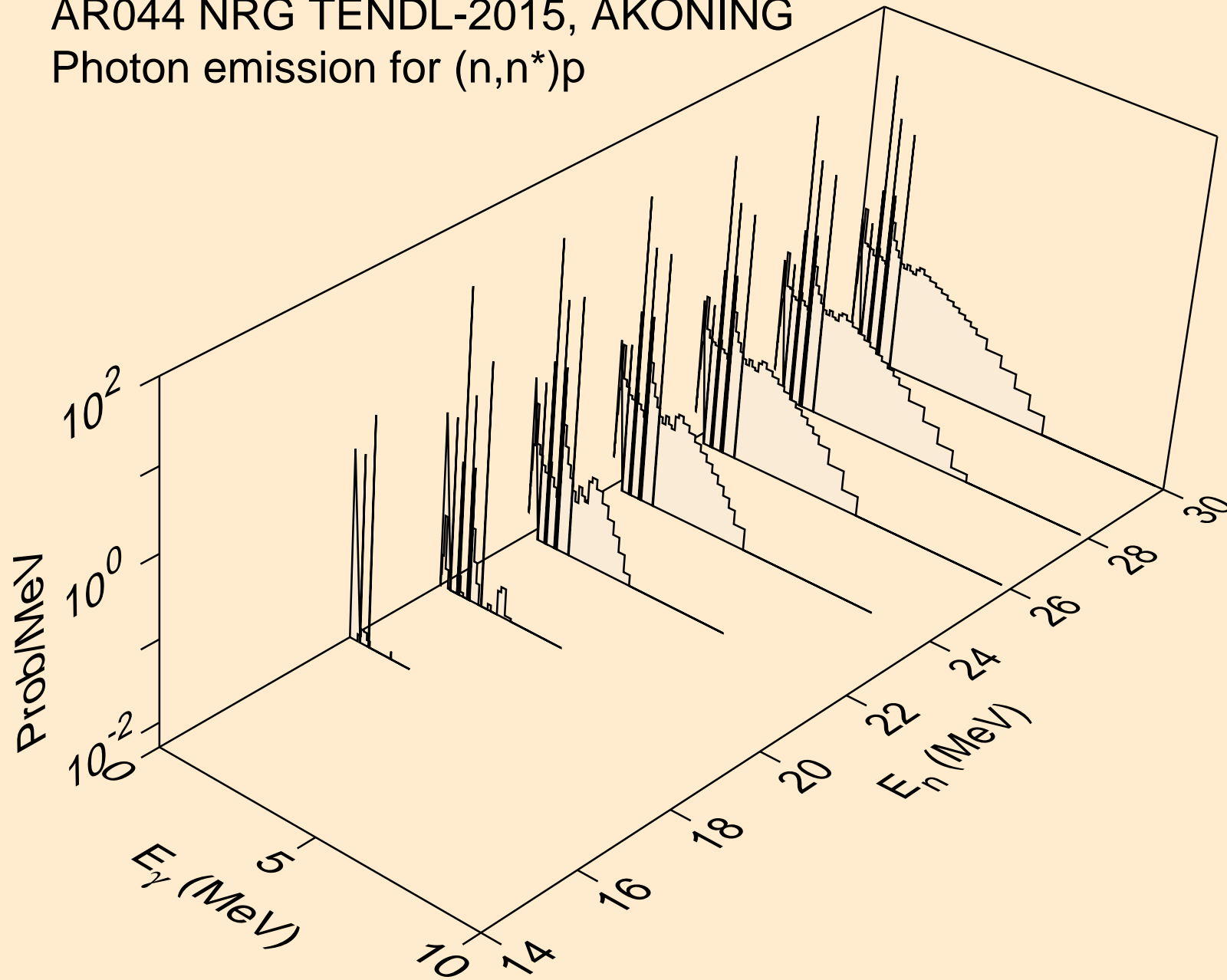
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



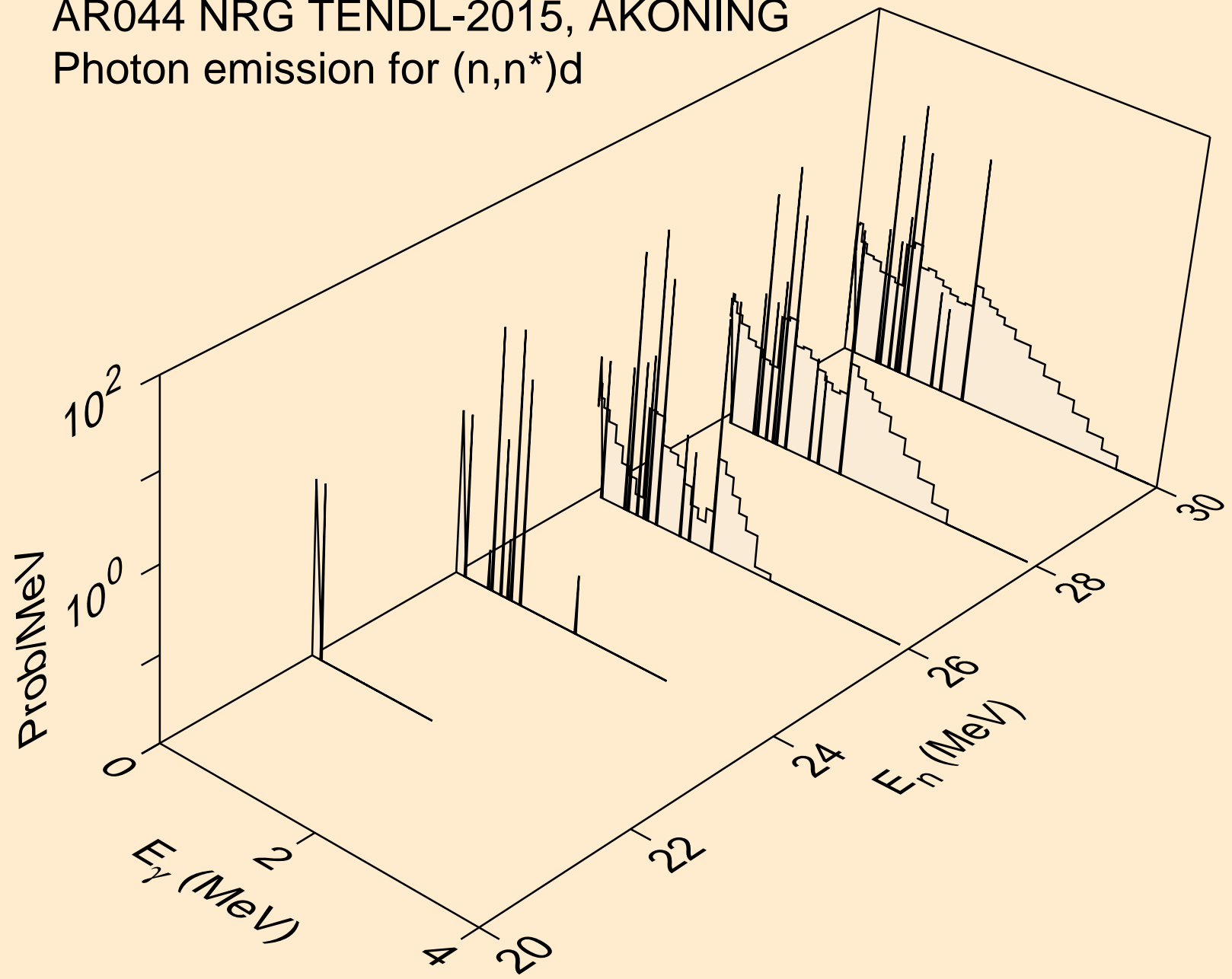
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



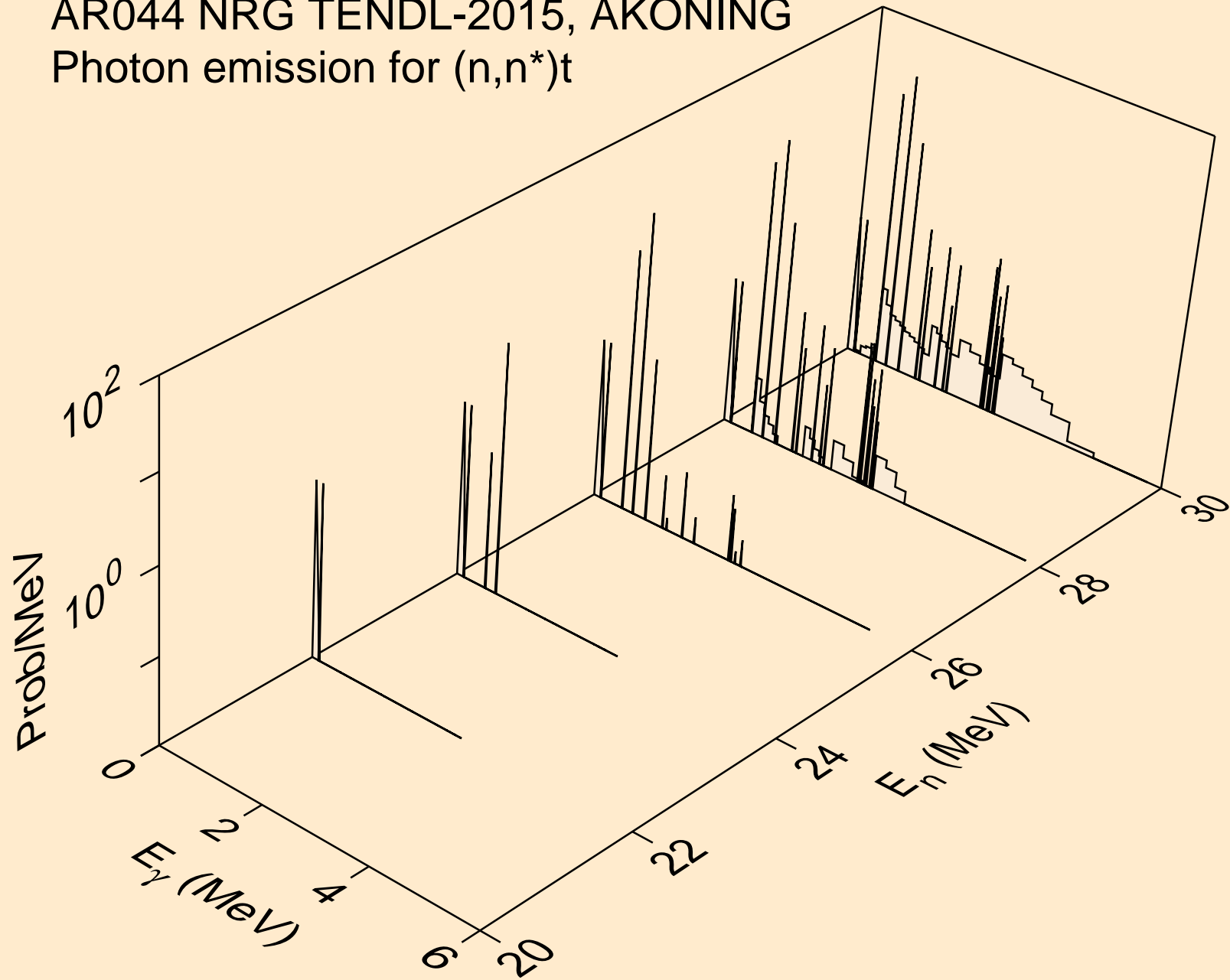
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



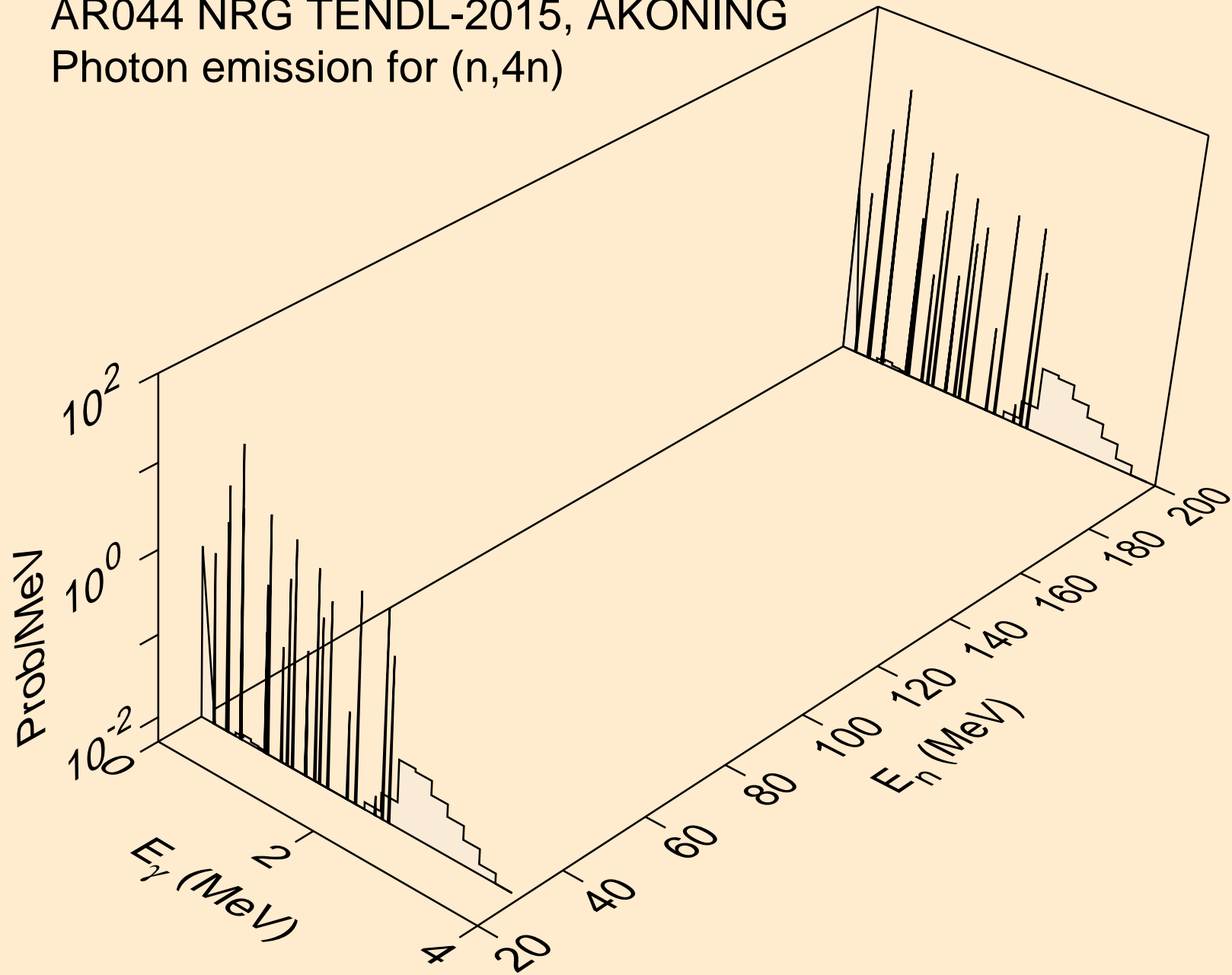
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



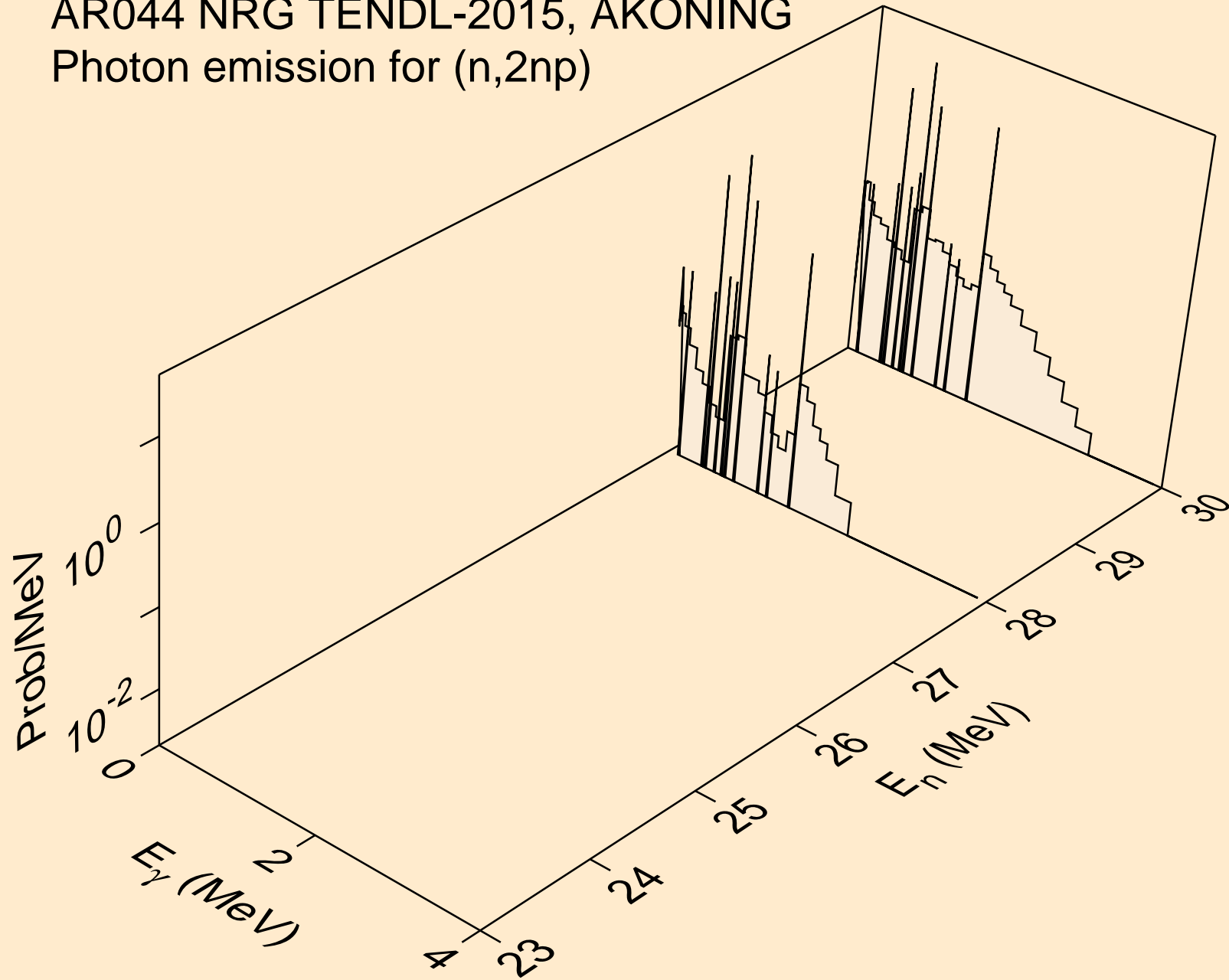
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



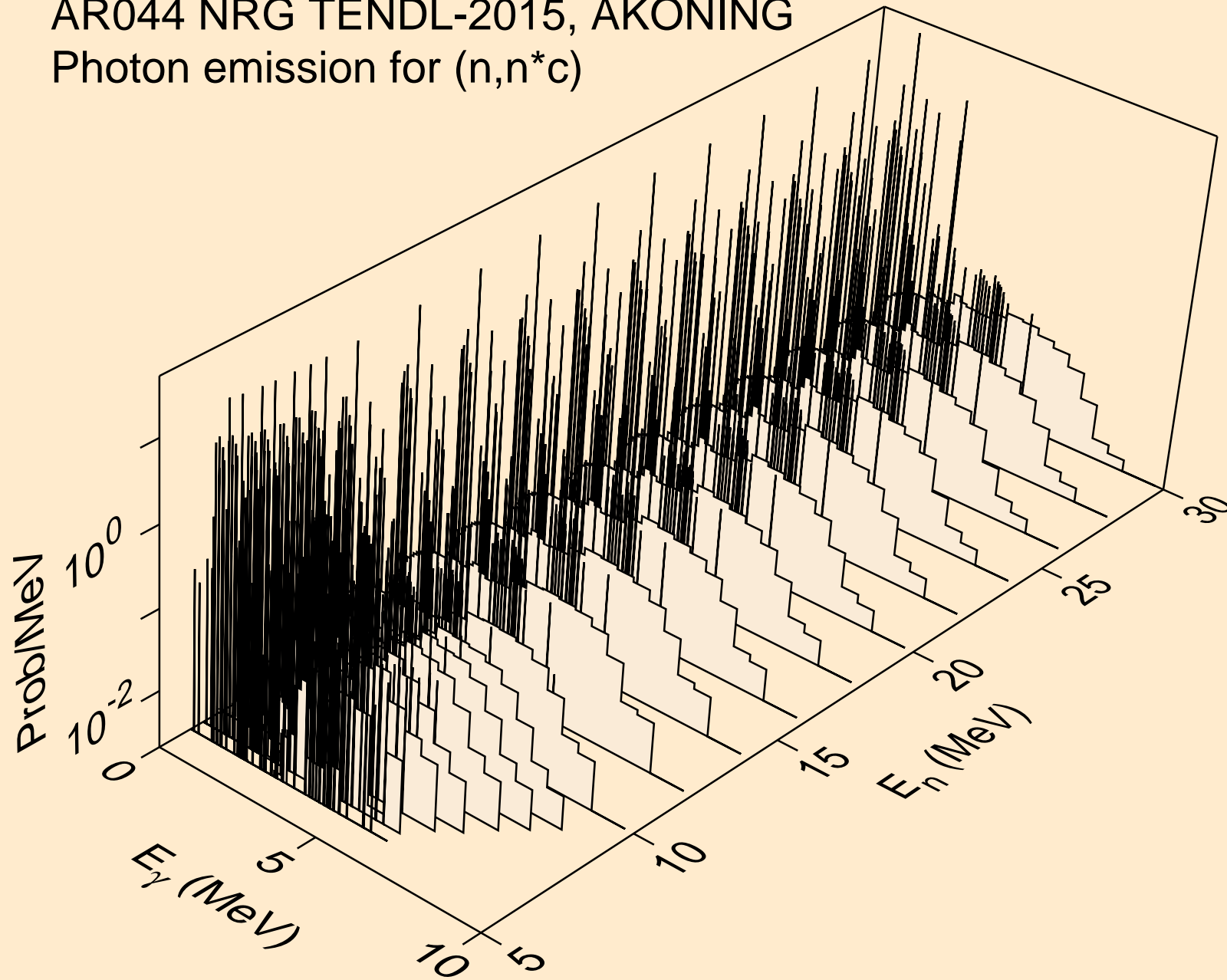
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

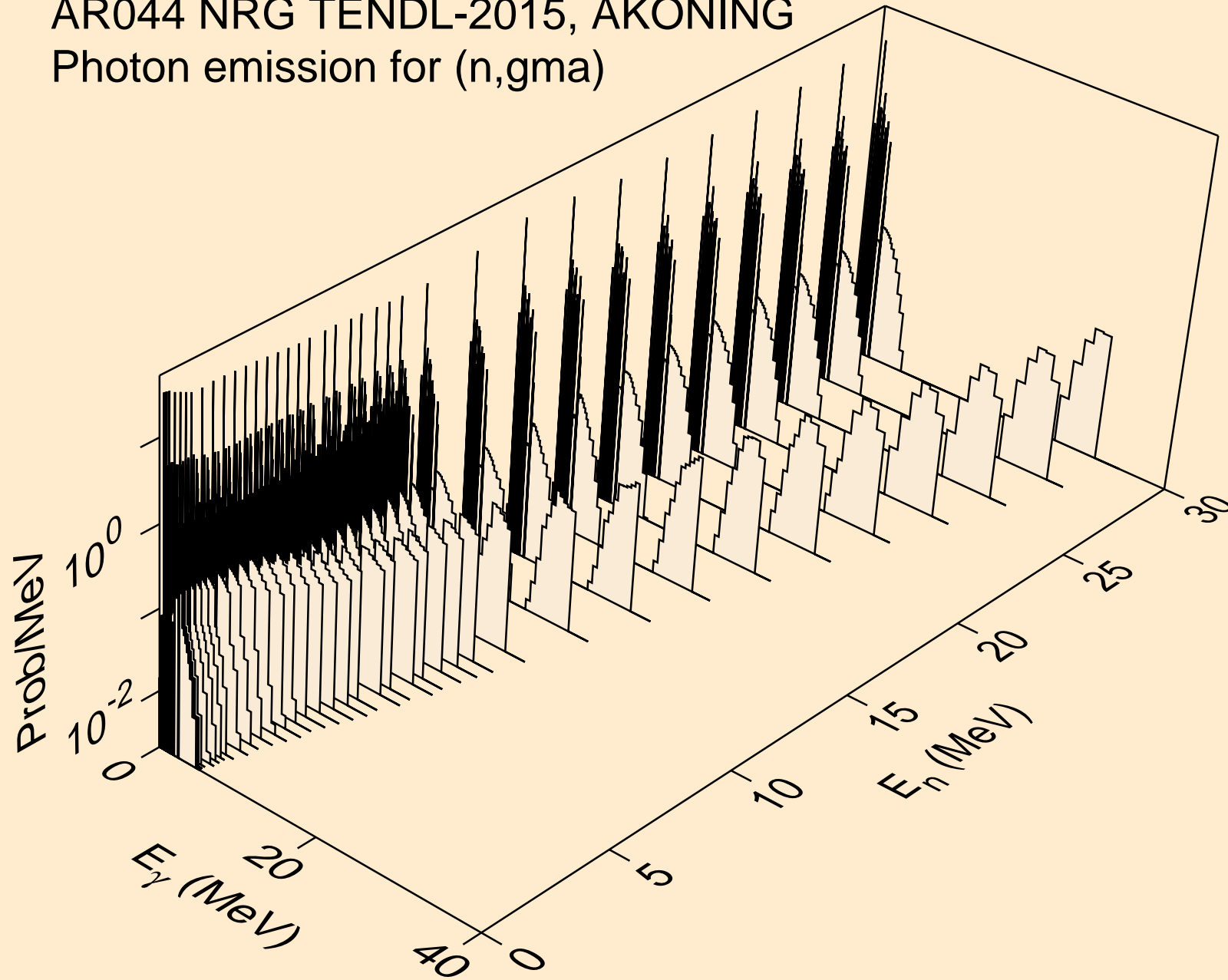


AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

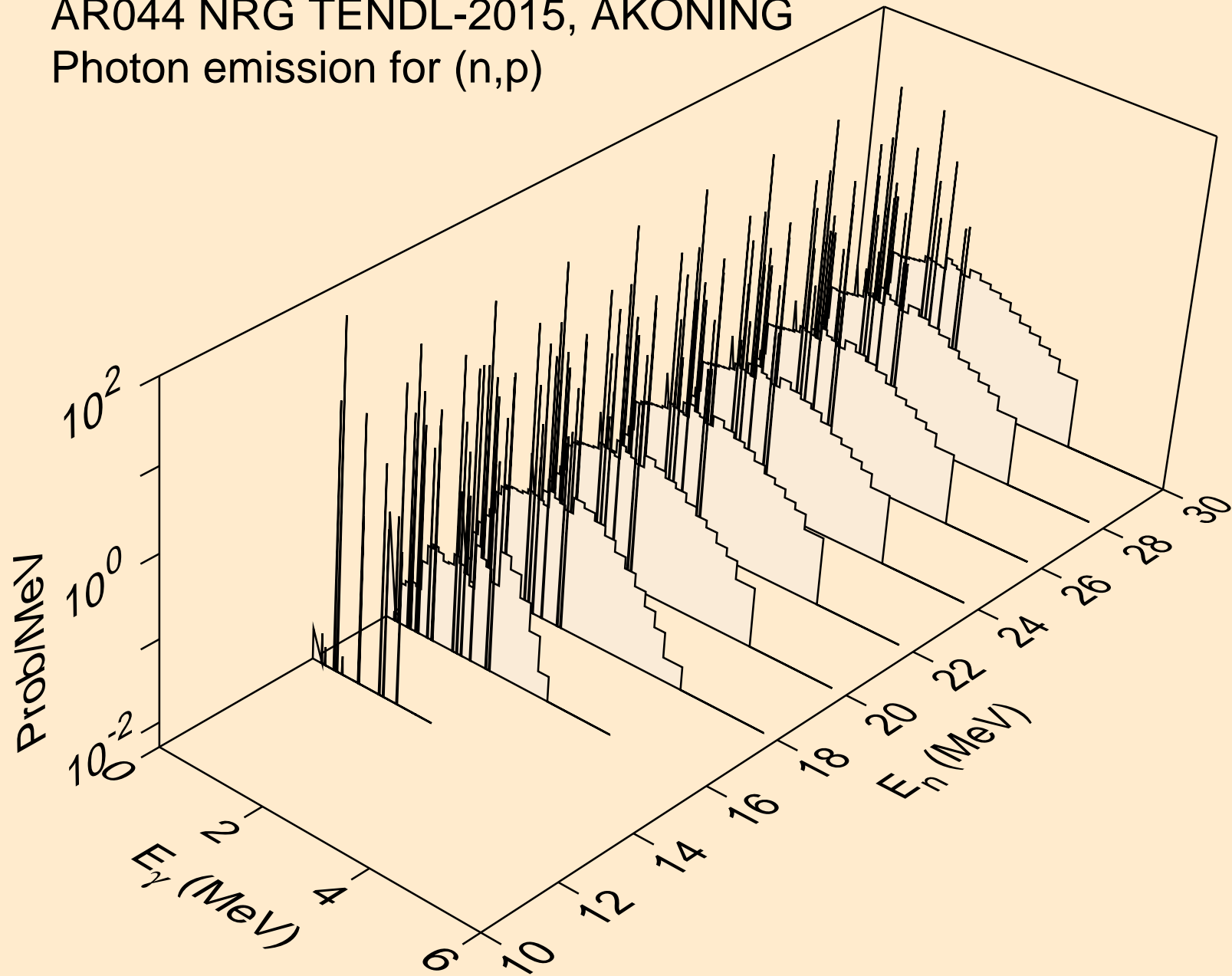




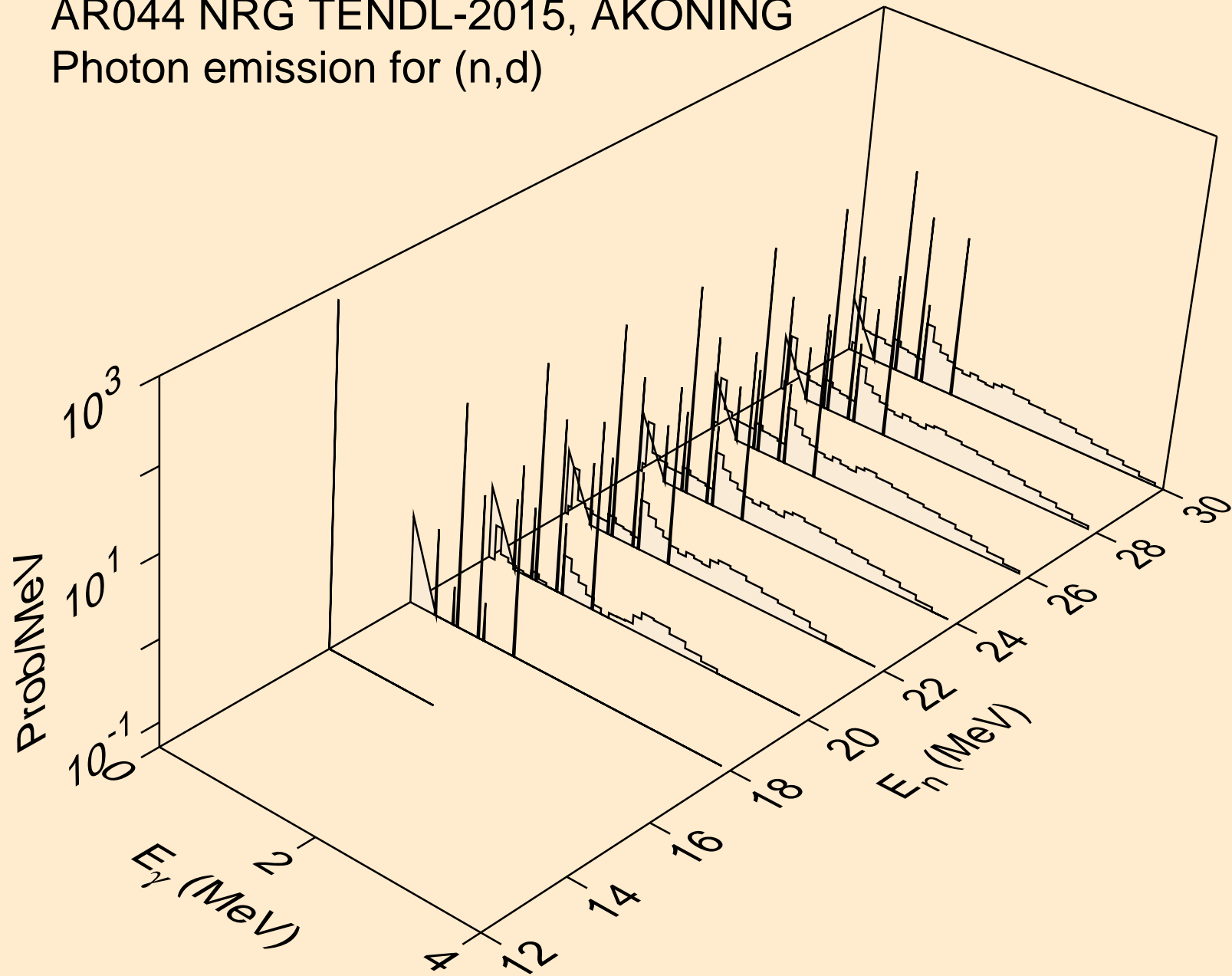
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



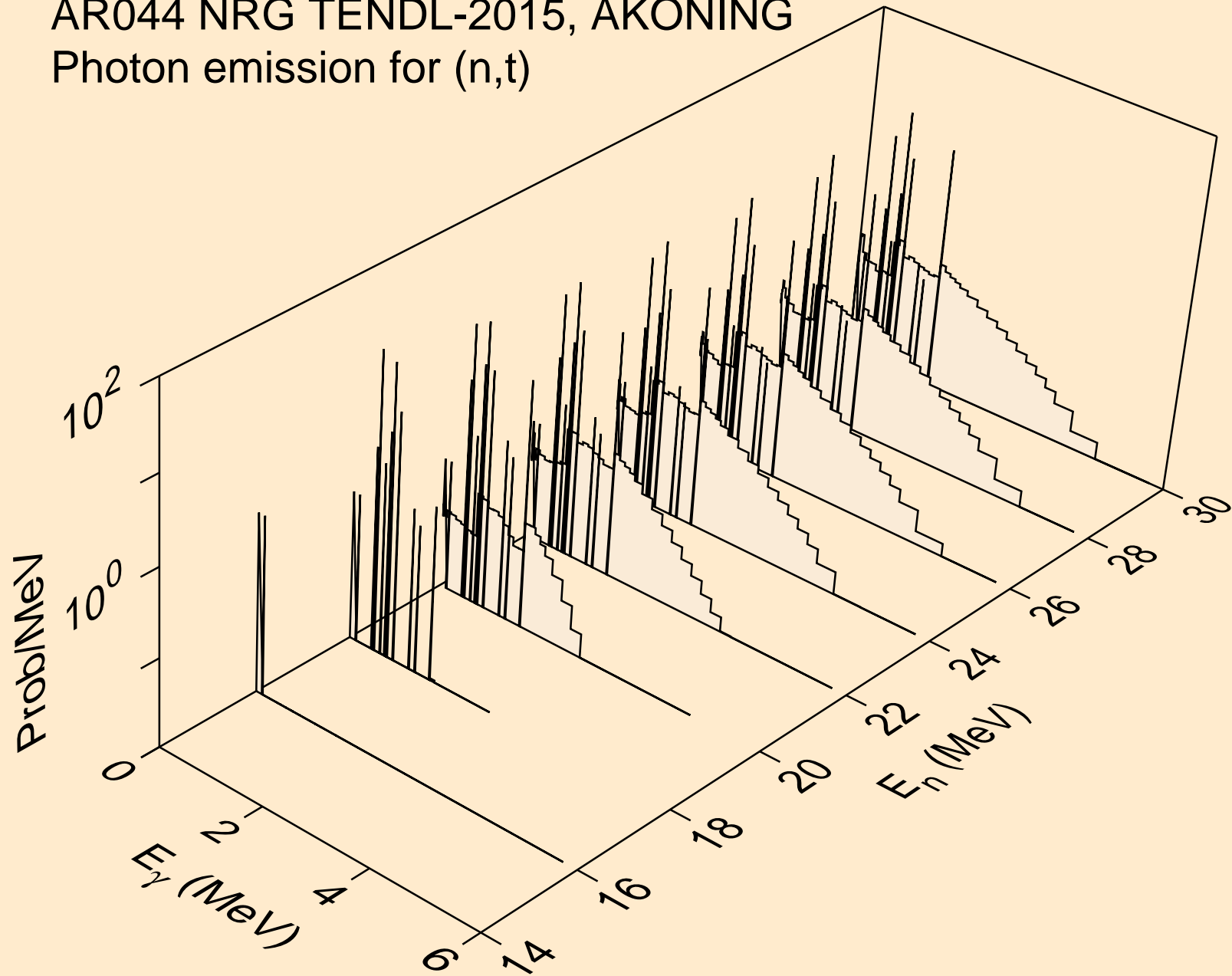
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



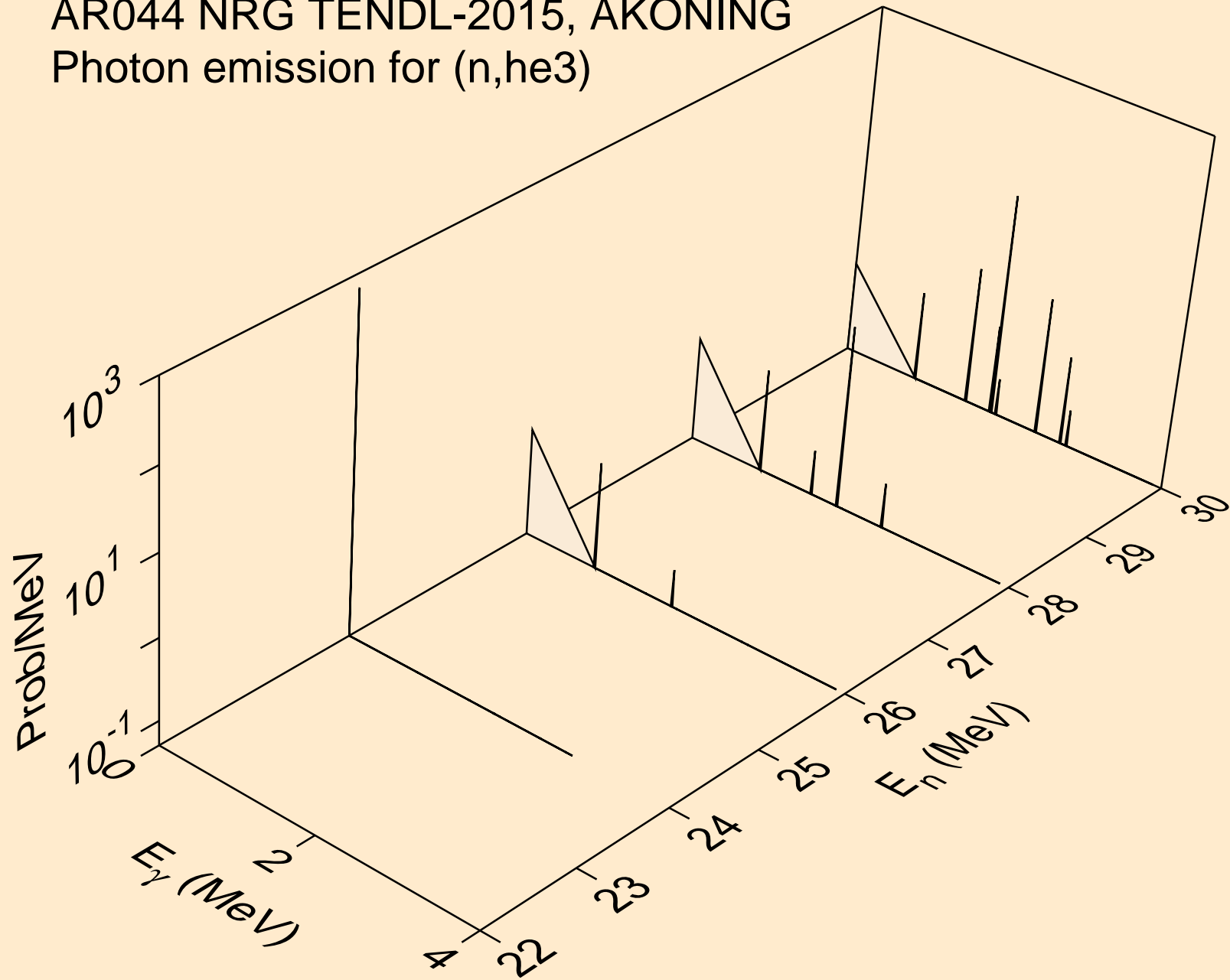
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



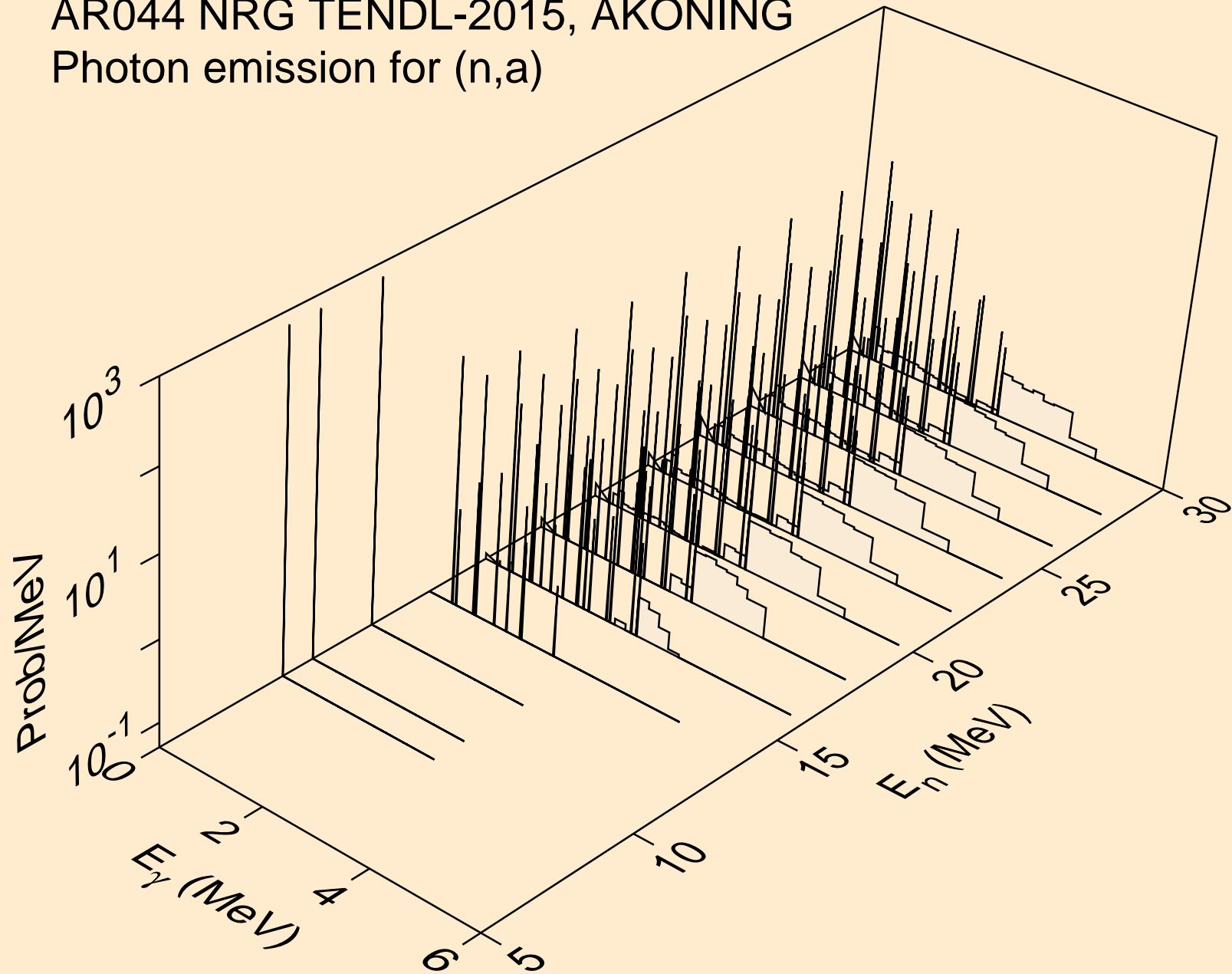
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



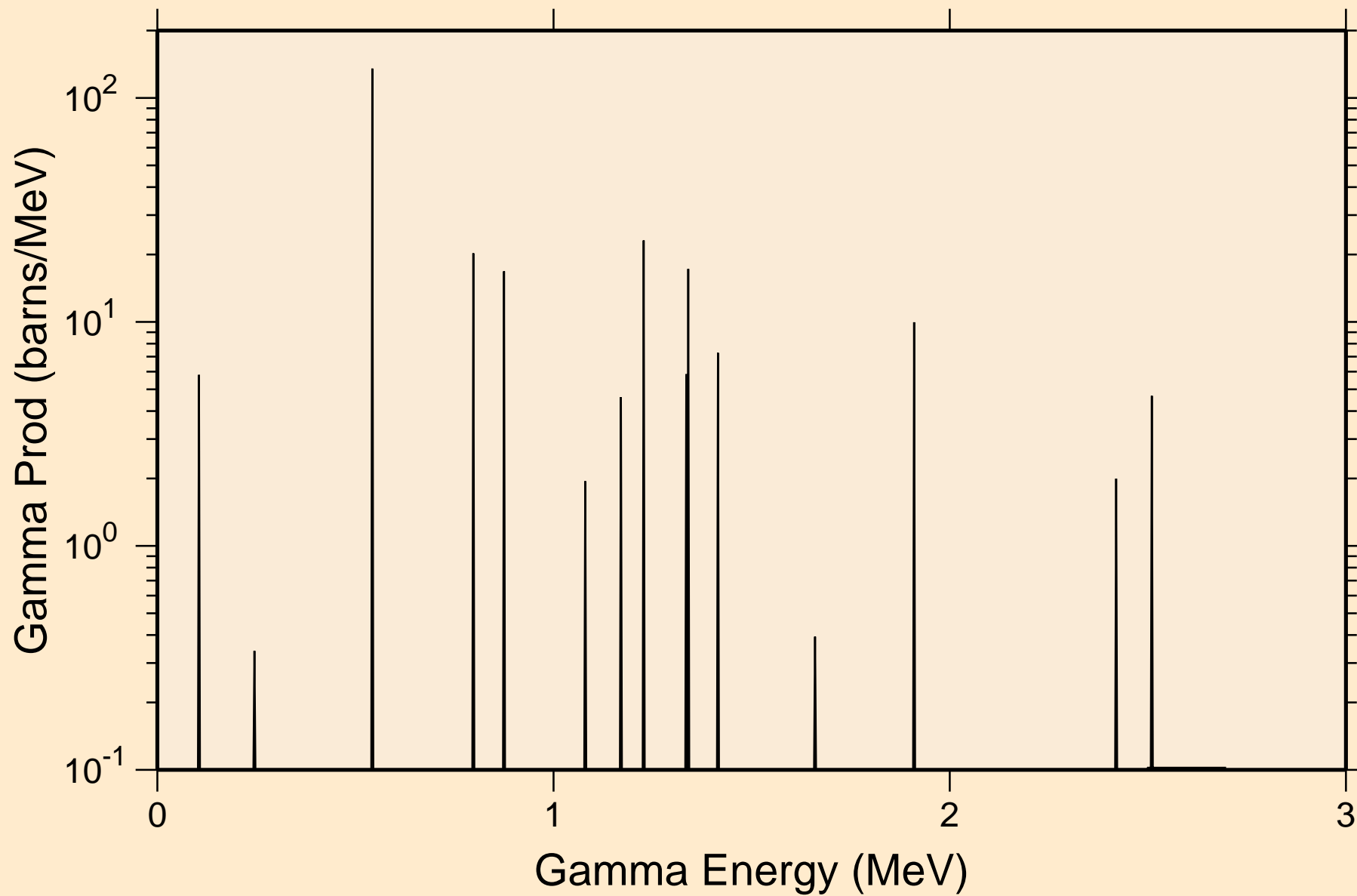
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



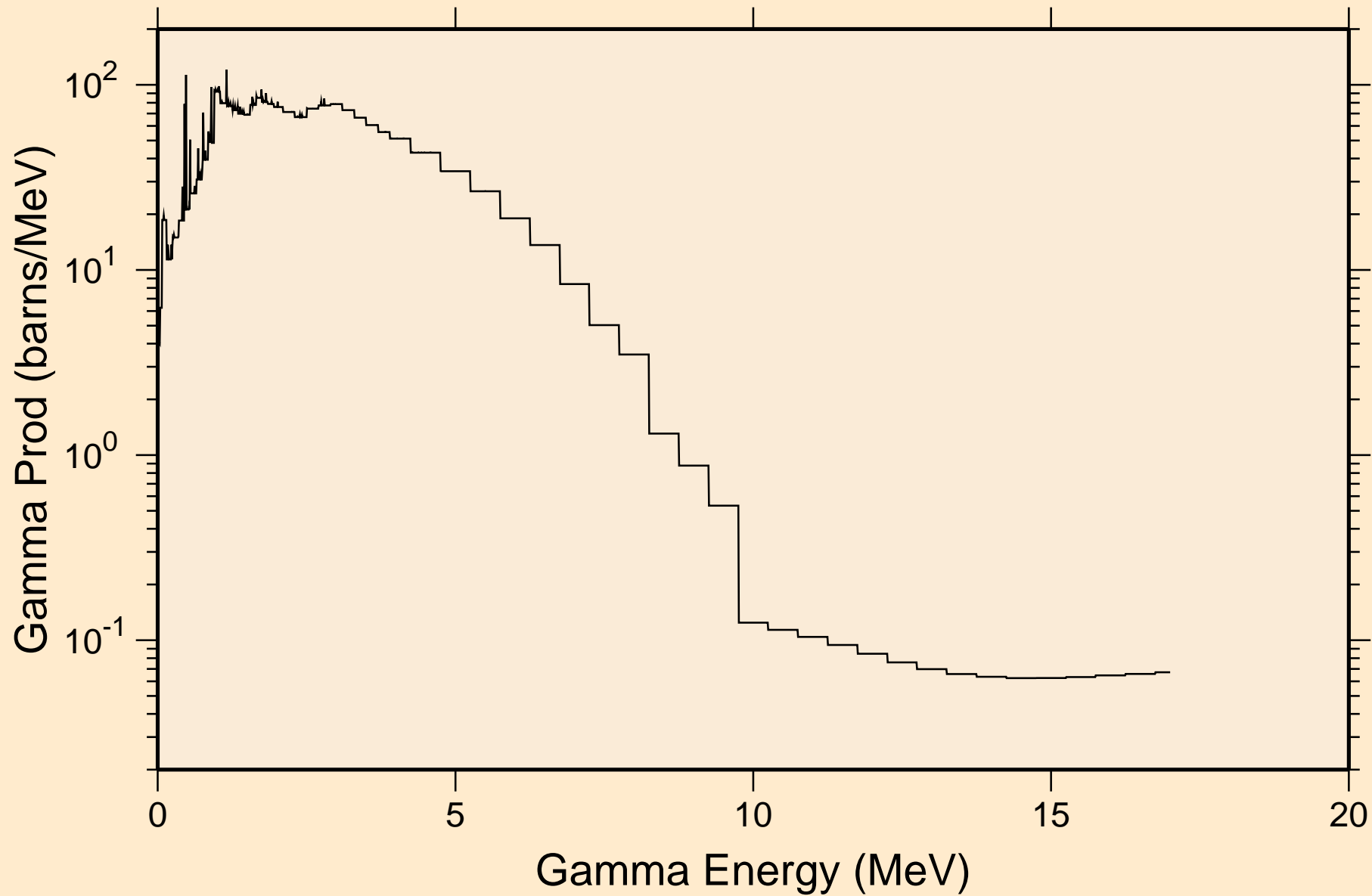
AR044 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



AR044 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



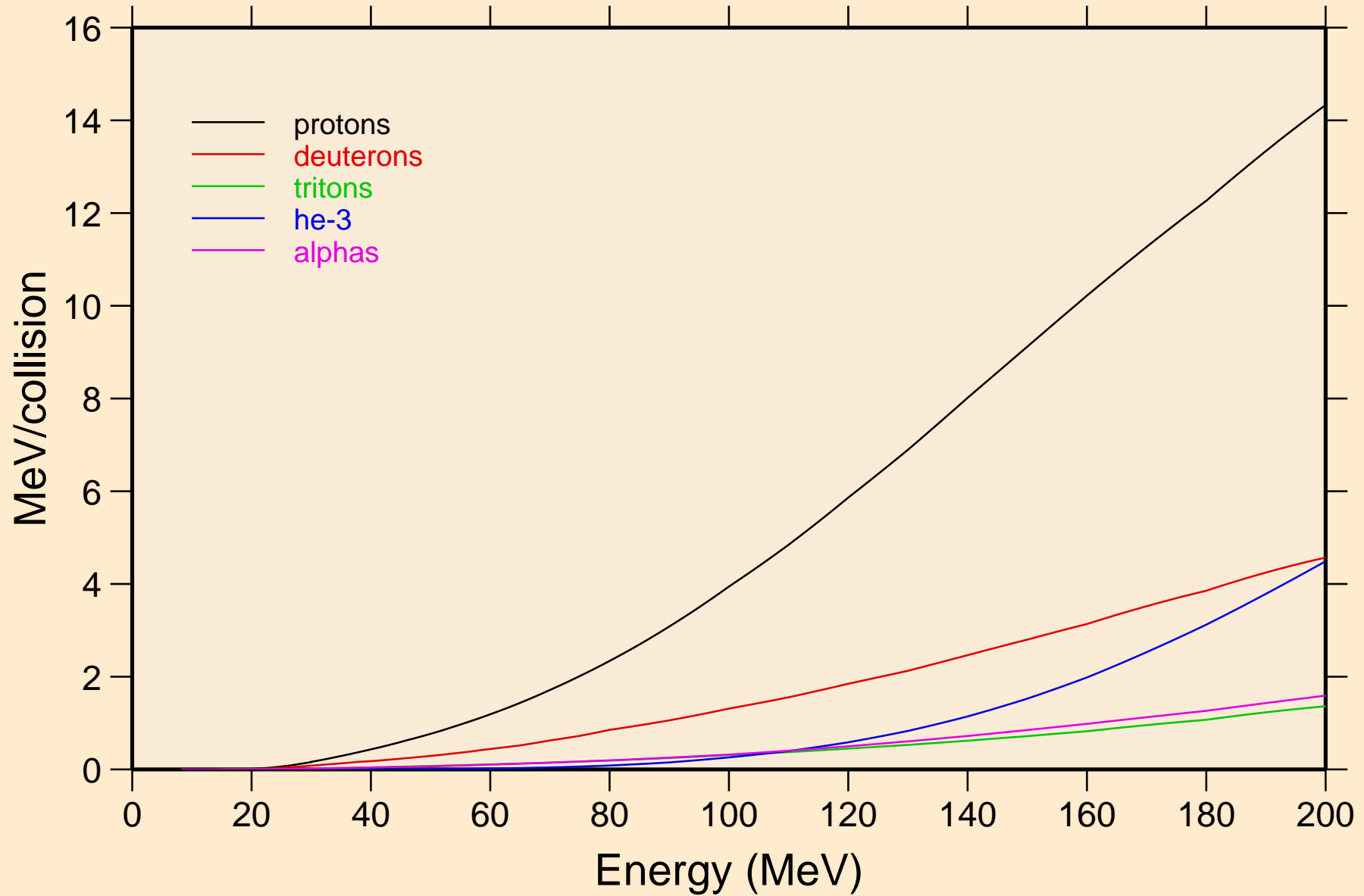
AR044 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





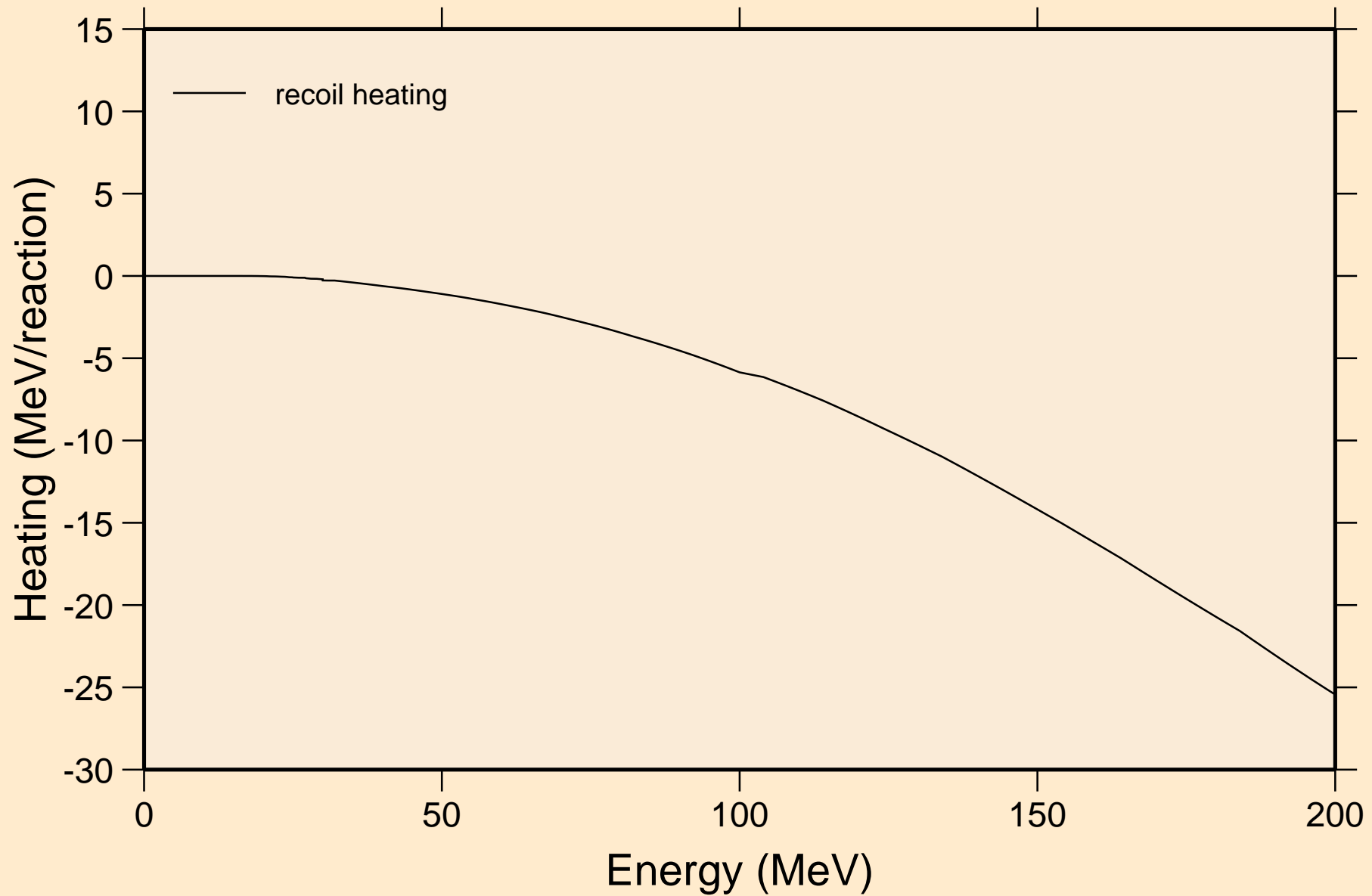
# AR044 NRG TENDL-2015, AKONING

## Particle heating contributions



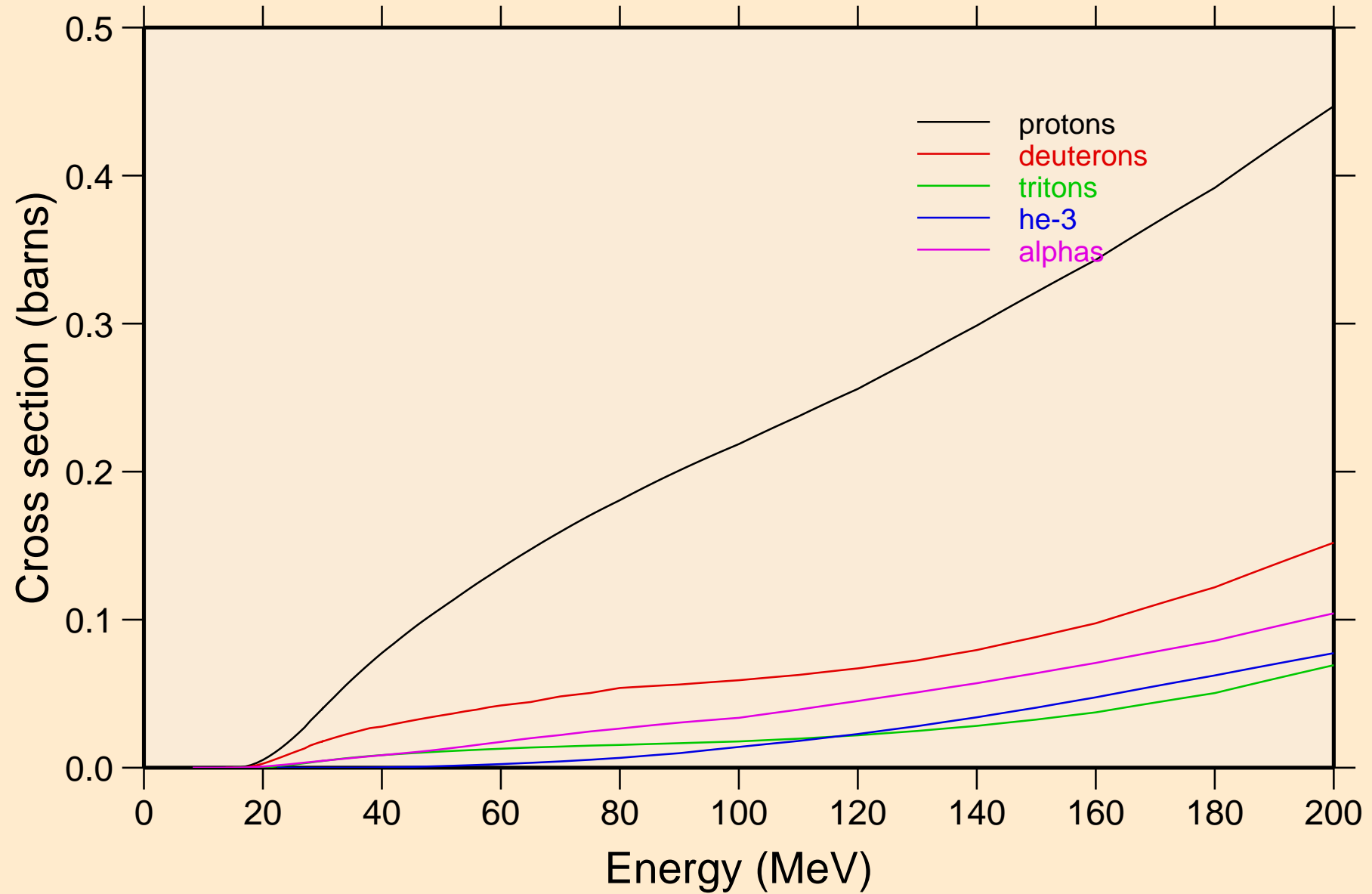
# AR044 NRG TENDL-2015, AKONING

## Recoil Heating

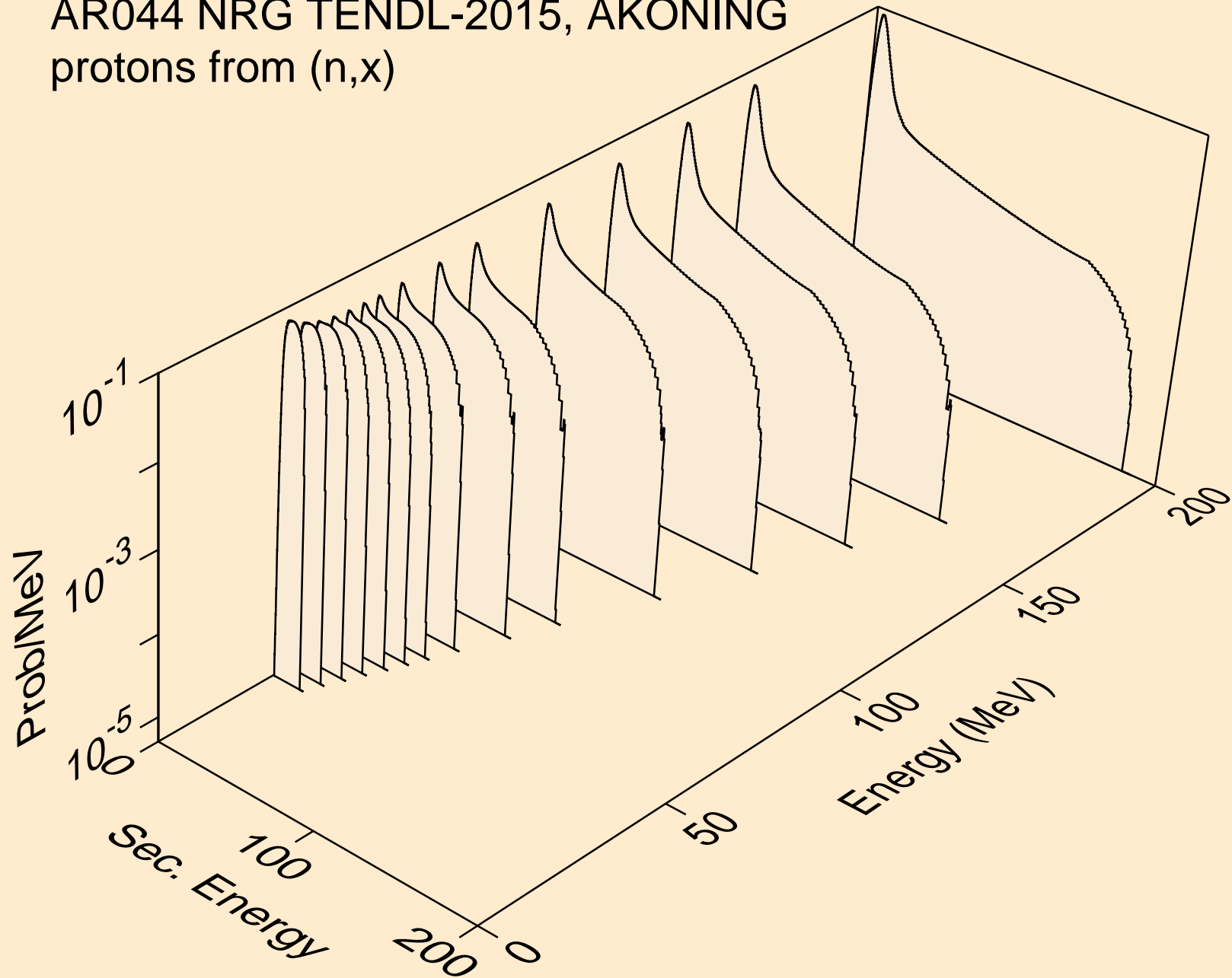


# AR044 NRG TENDL-2015, AKONING

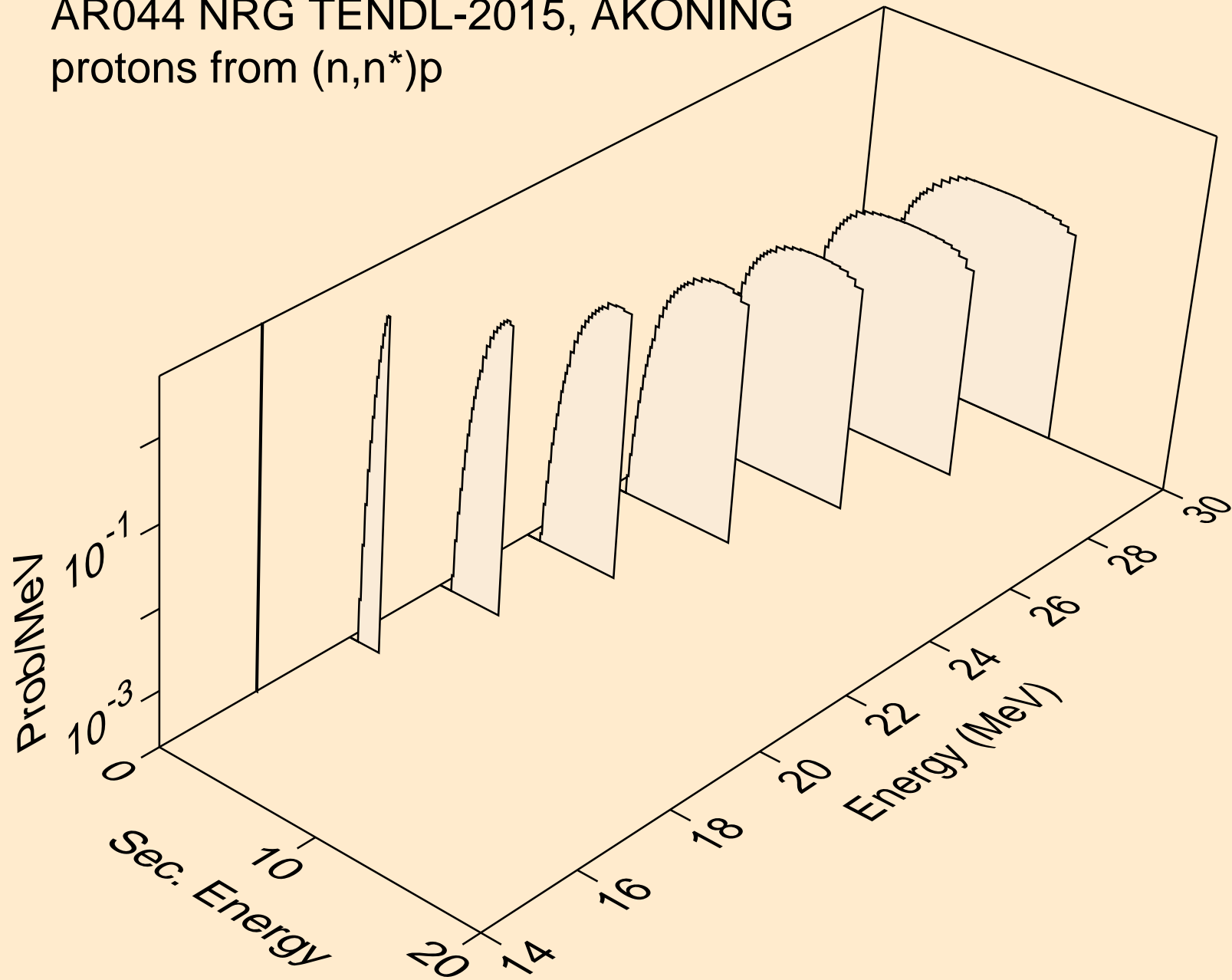
## Particle production cross sections



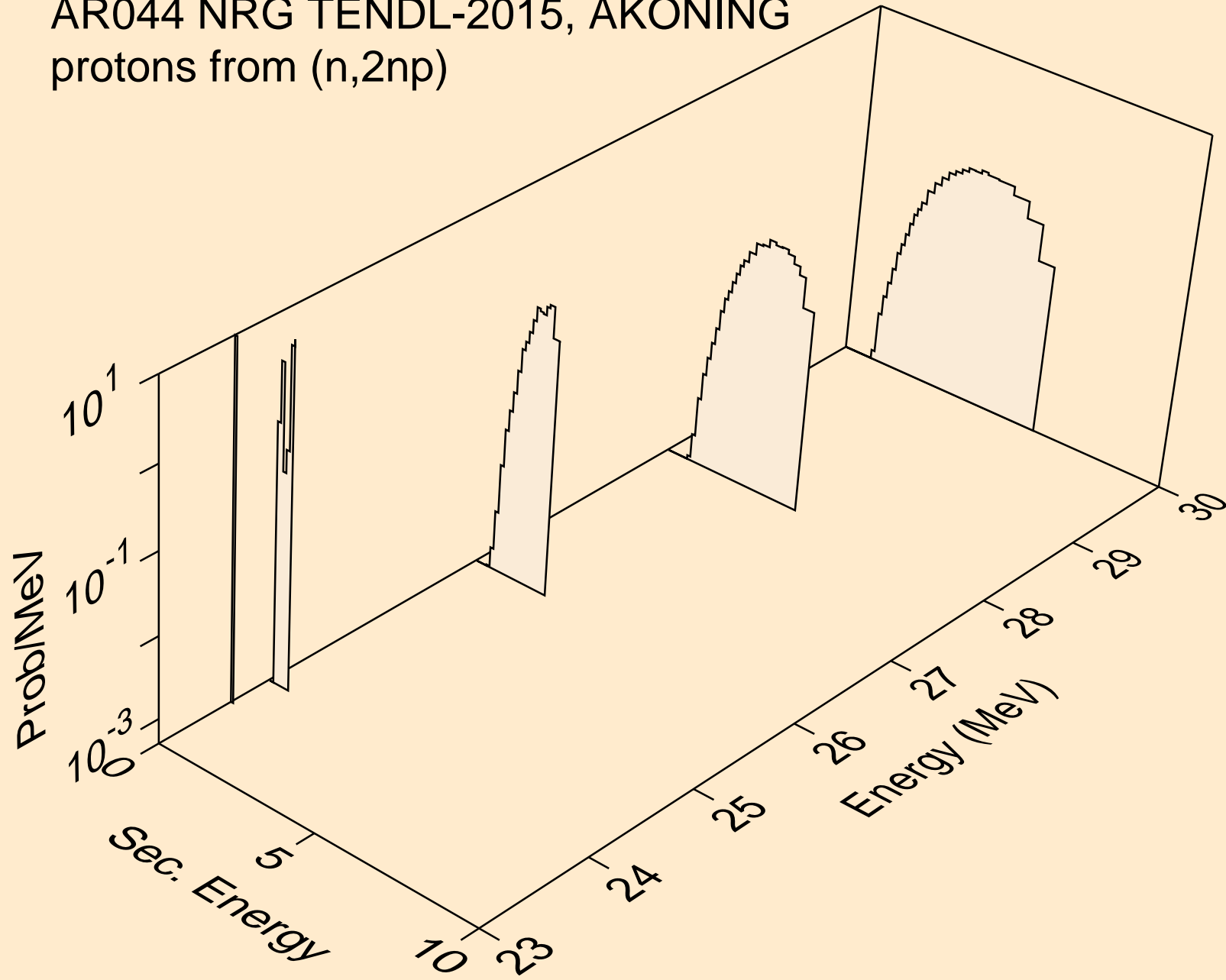
AR044 NRG TENDL-2015, AKONING  
protons from (n,x)



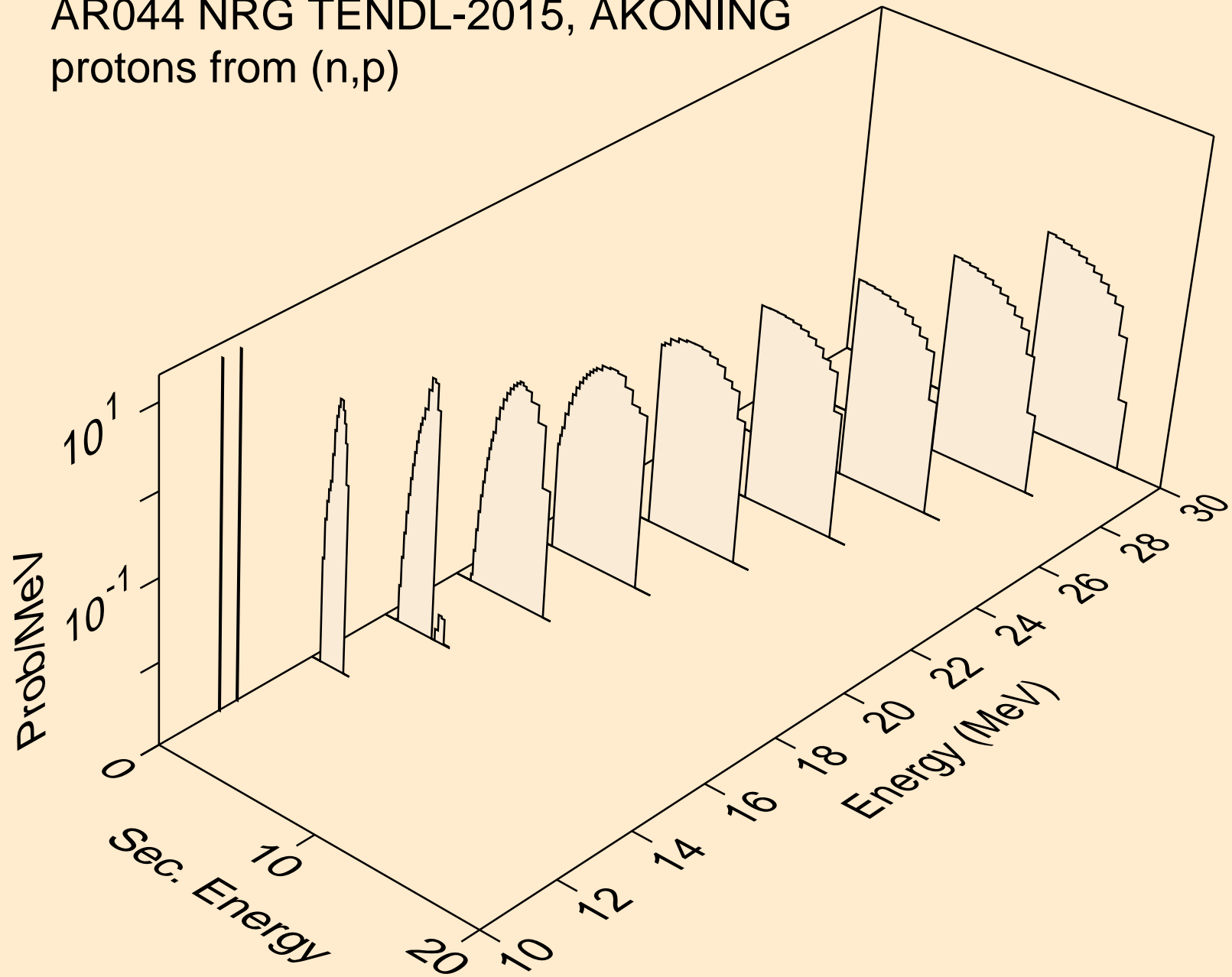
AR044 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



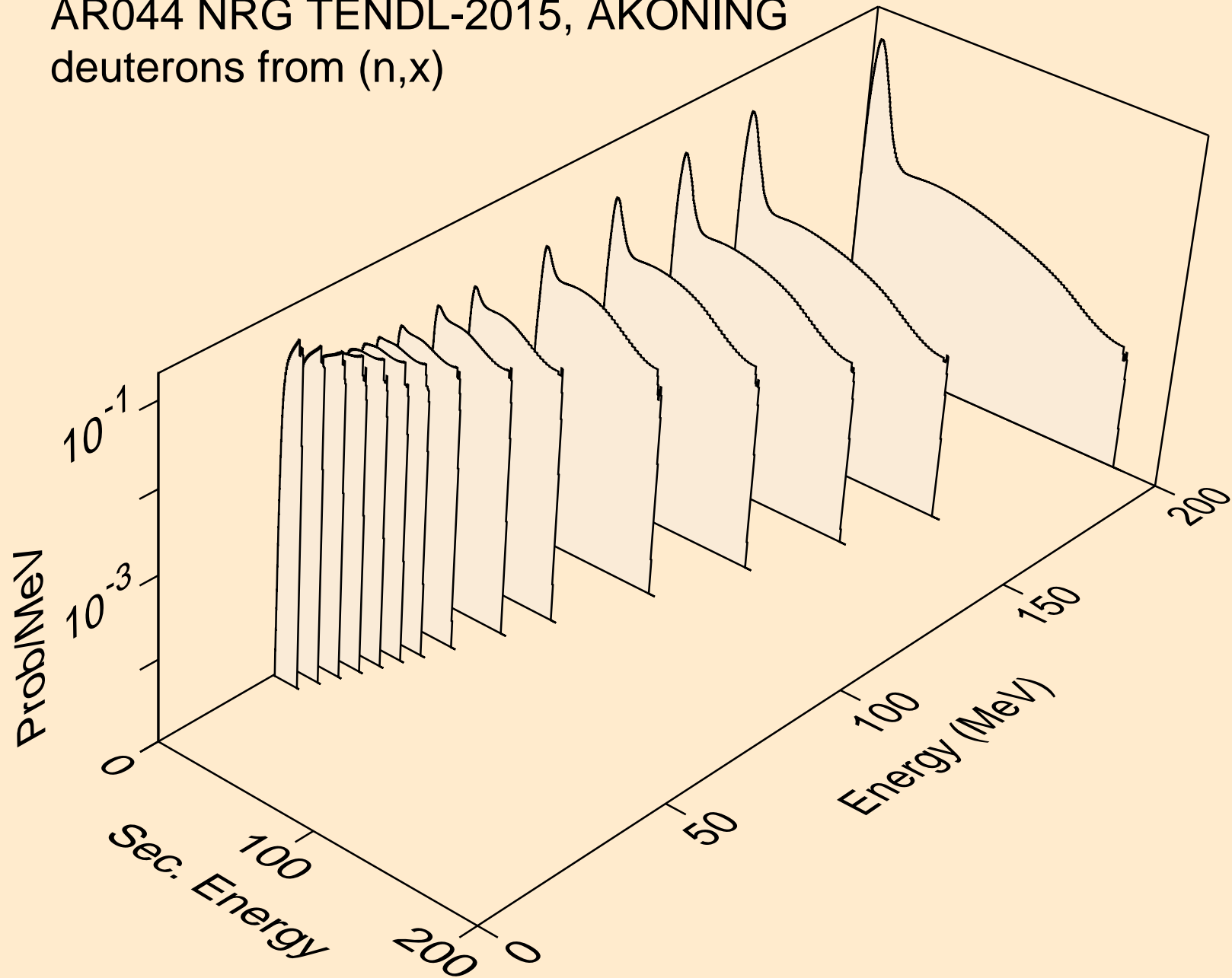
AR044 NRG TENDL-2015, AKONING  
protons from (n,2np)



AR044 NRG TENDL-2015, AKONING  
protons from (n,p)

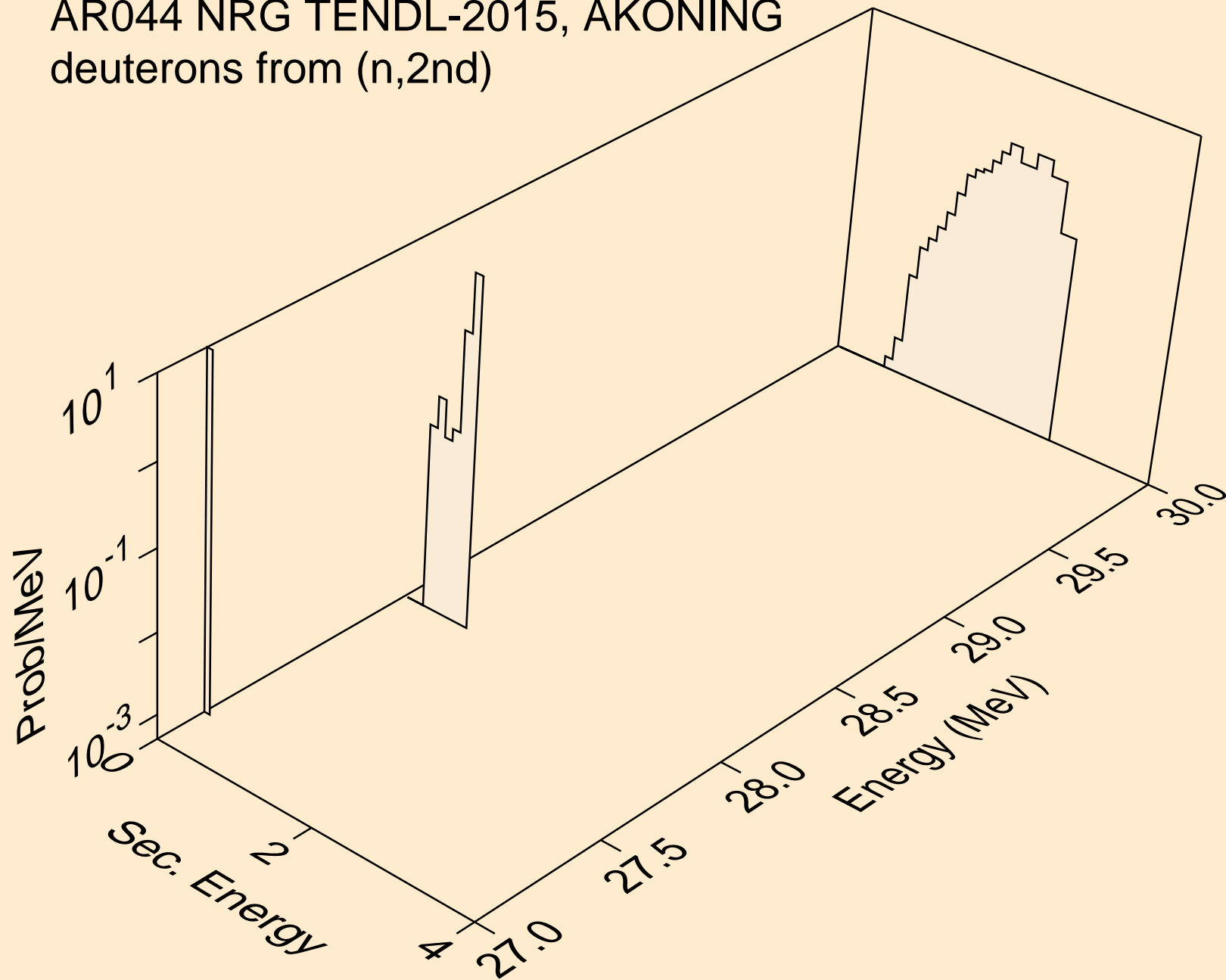


AR044 NRG TENDL-2015, AKONING  
deuterons from (n,x)

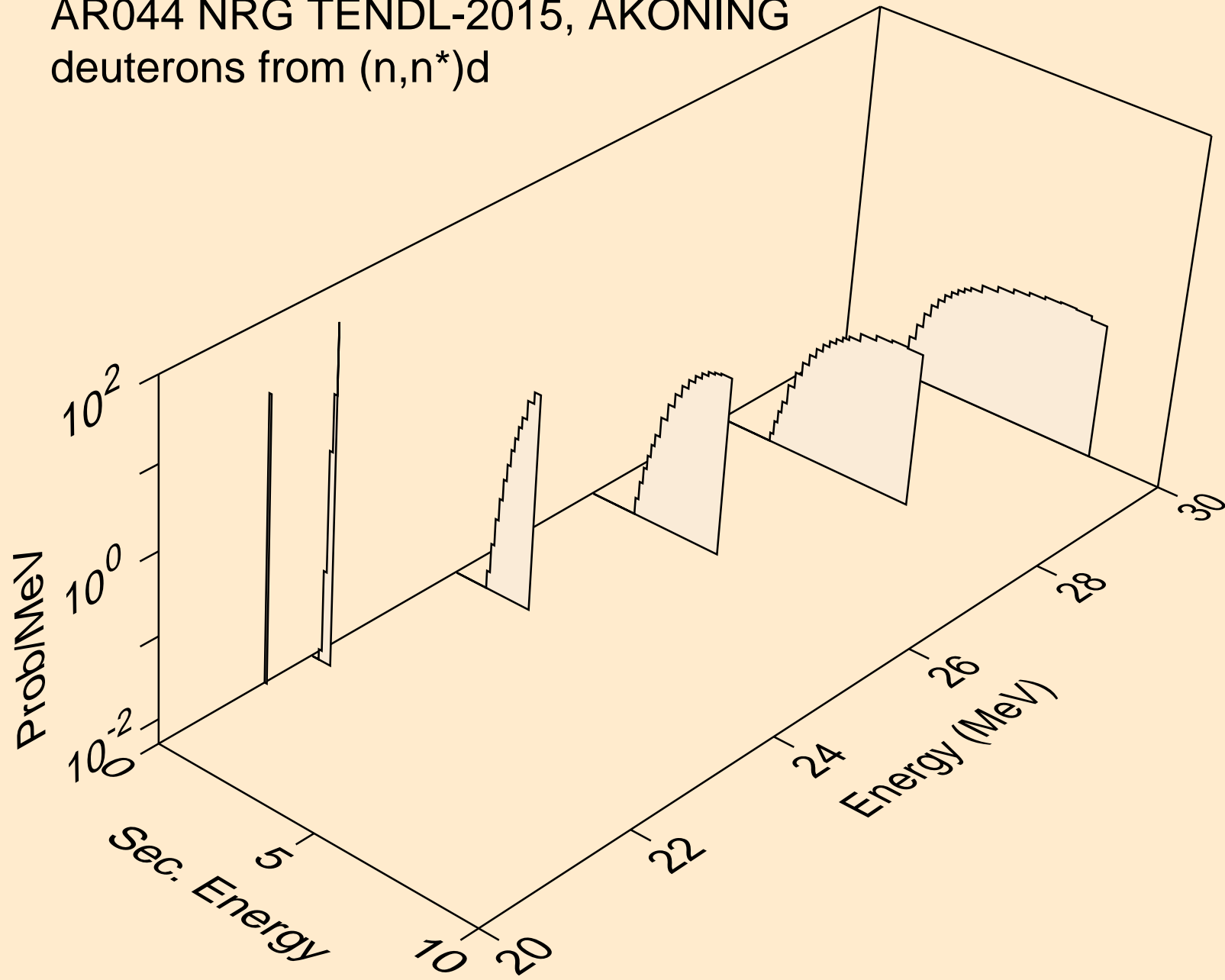




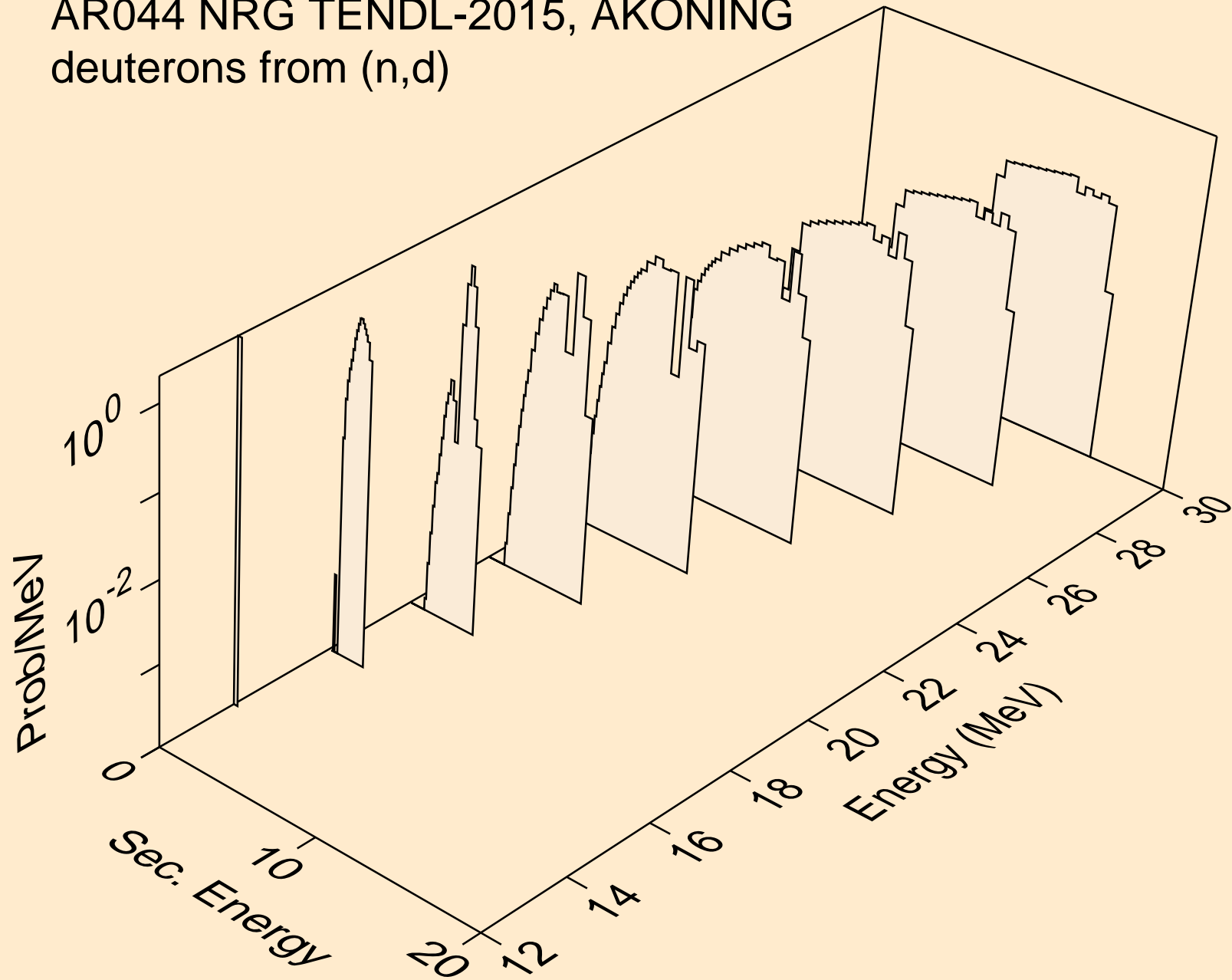
AR044 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



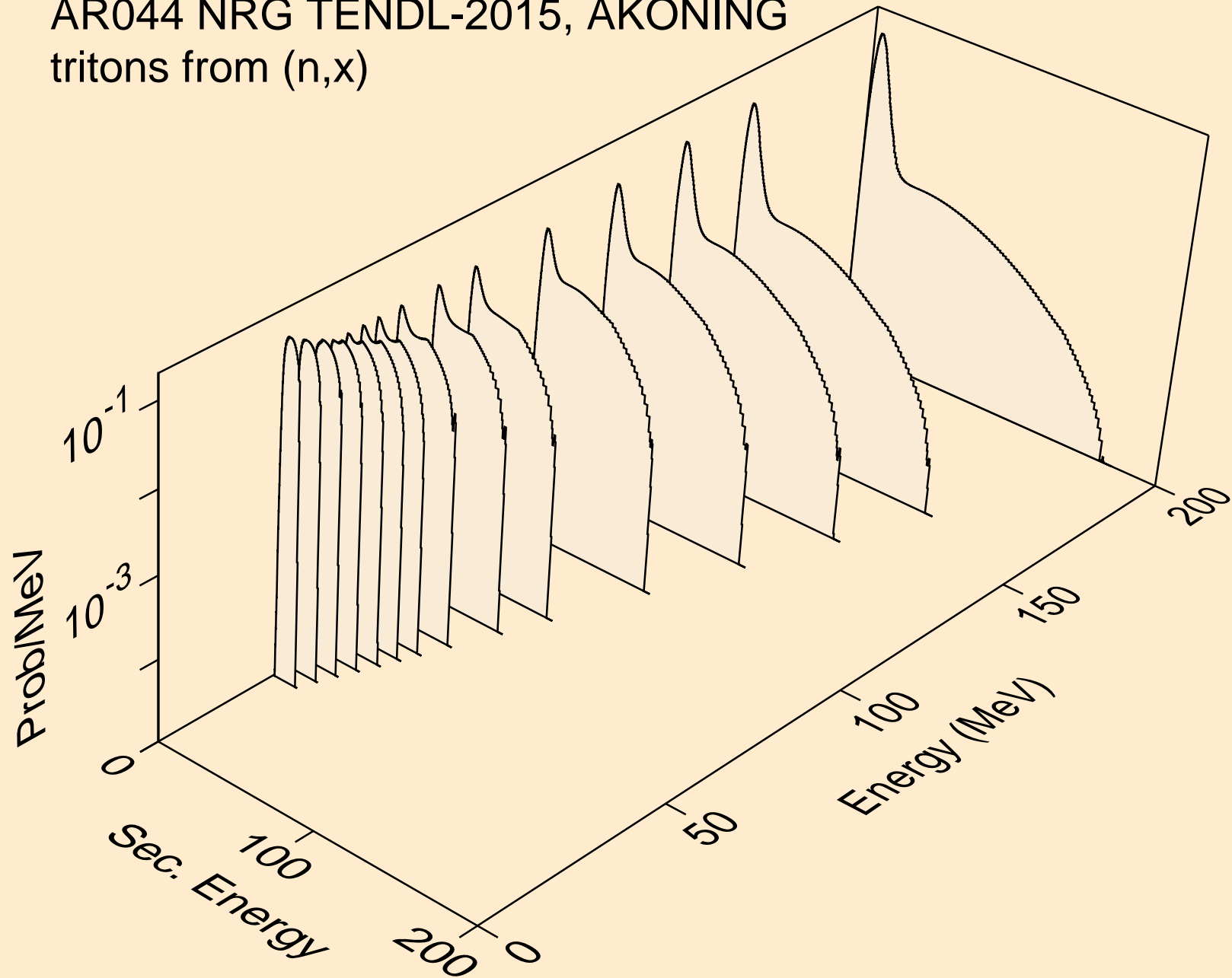
AR044 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



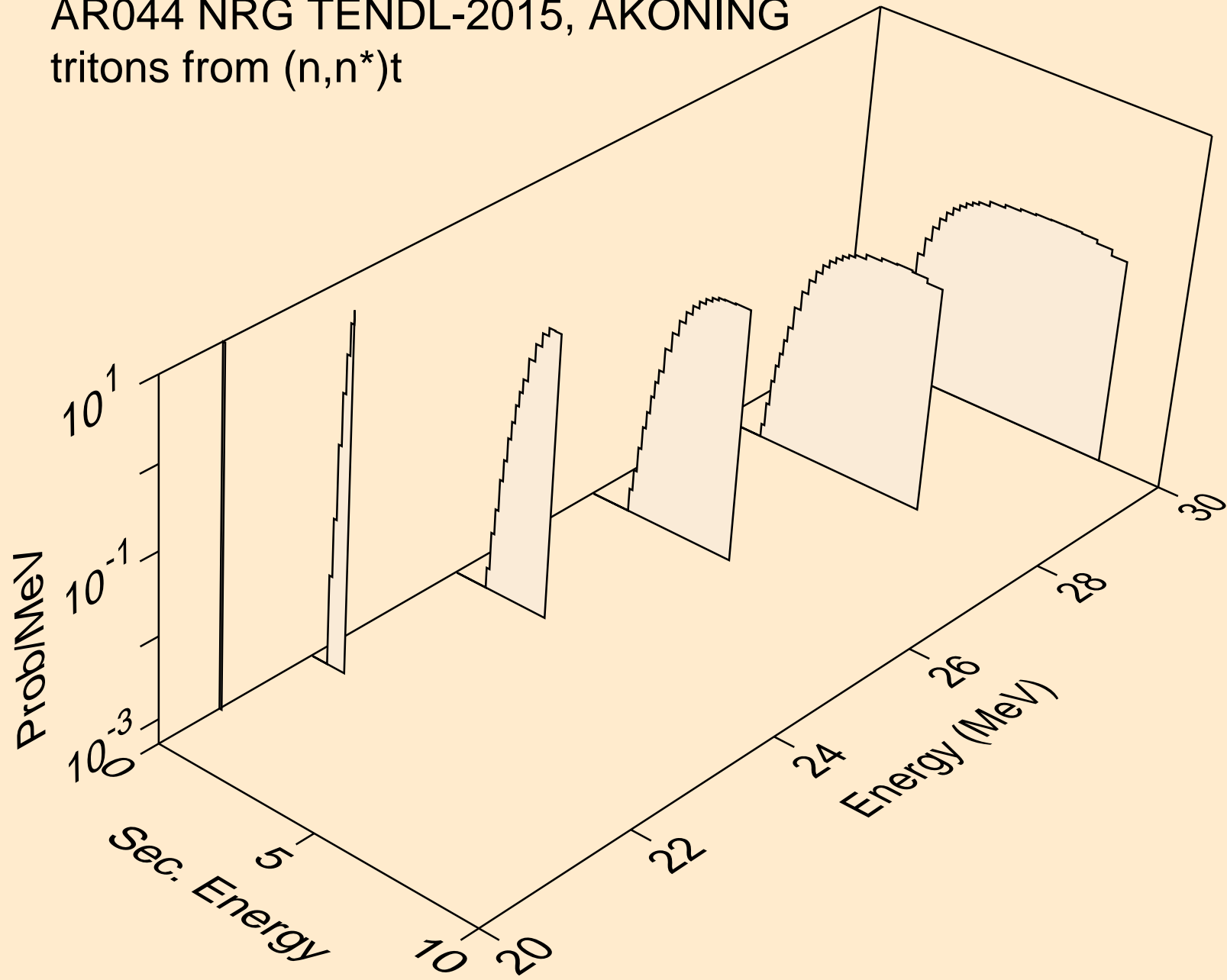
AR044 NRG TENDL-2015, AKONING  
deuterons from (n,d)



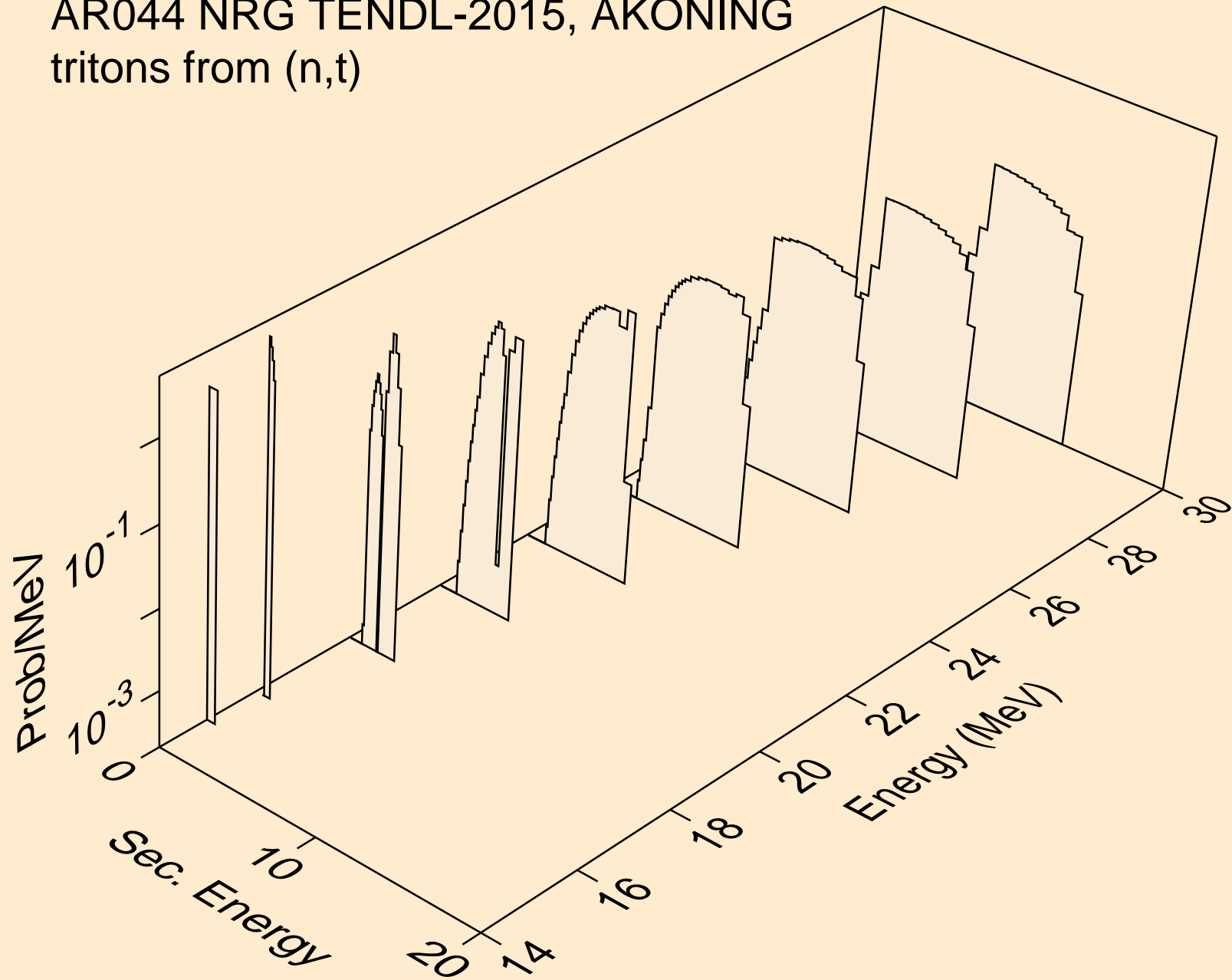
AR044 NRG TENDL-2015, AKONING  
tritons from (n,x)



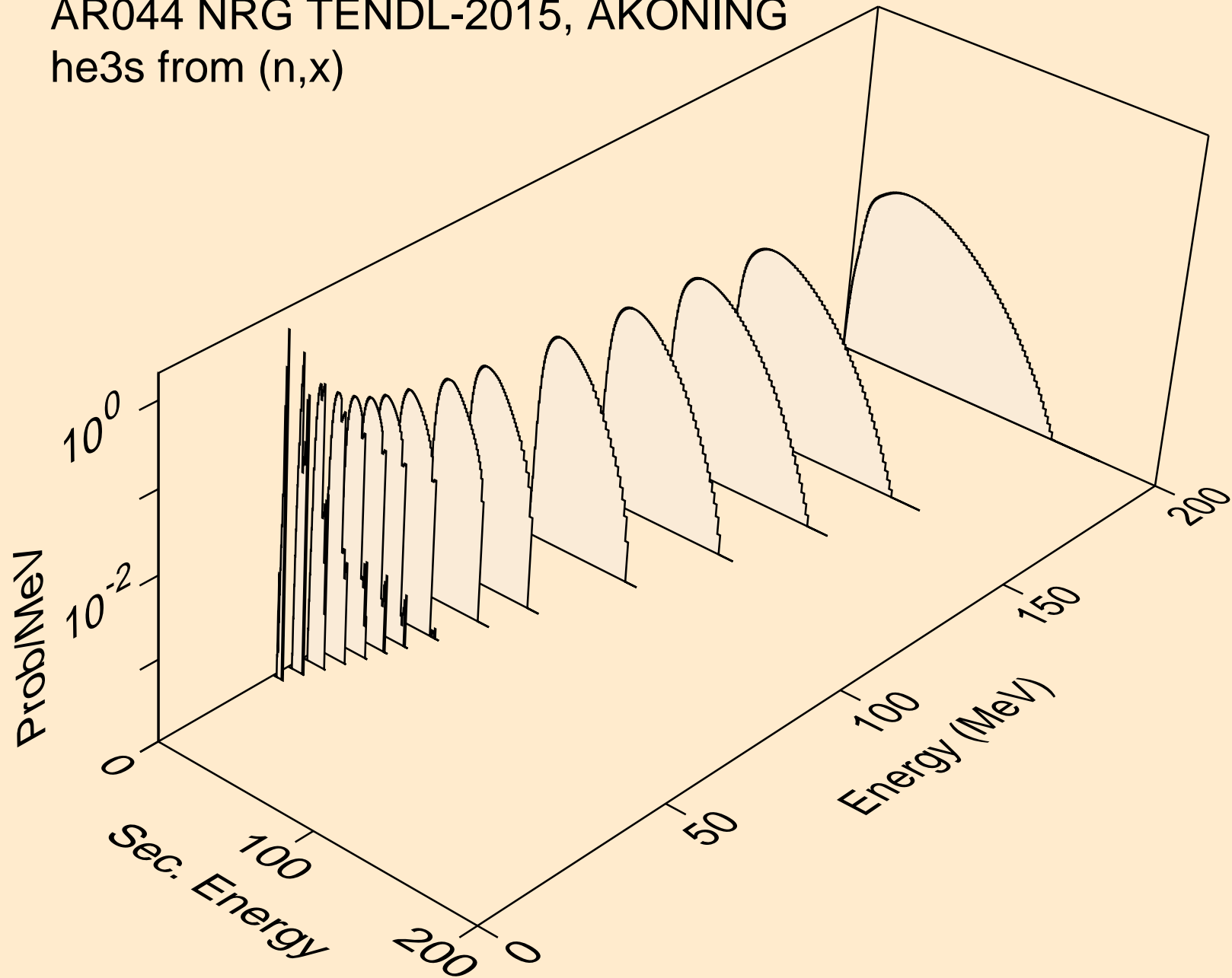
AR044 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



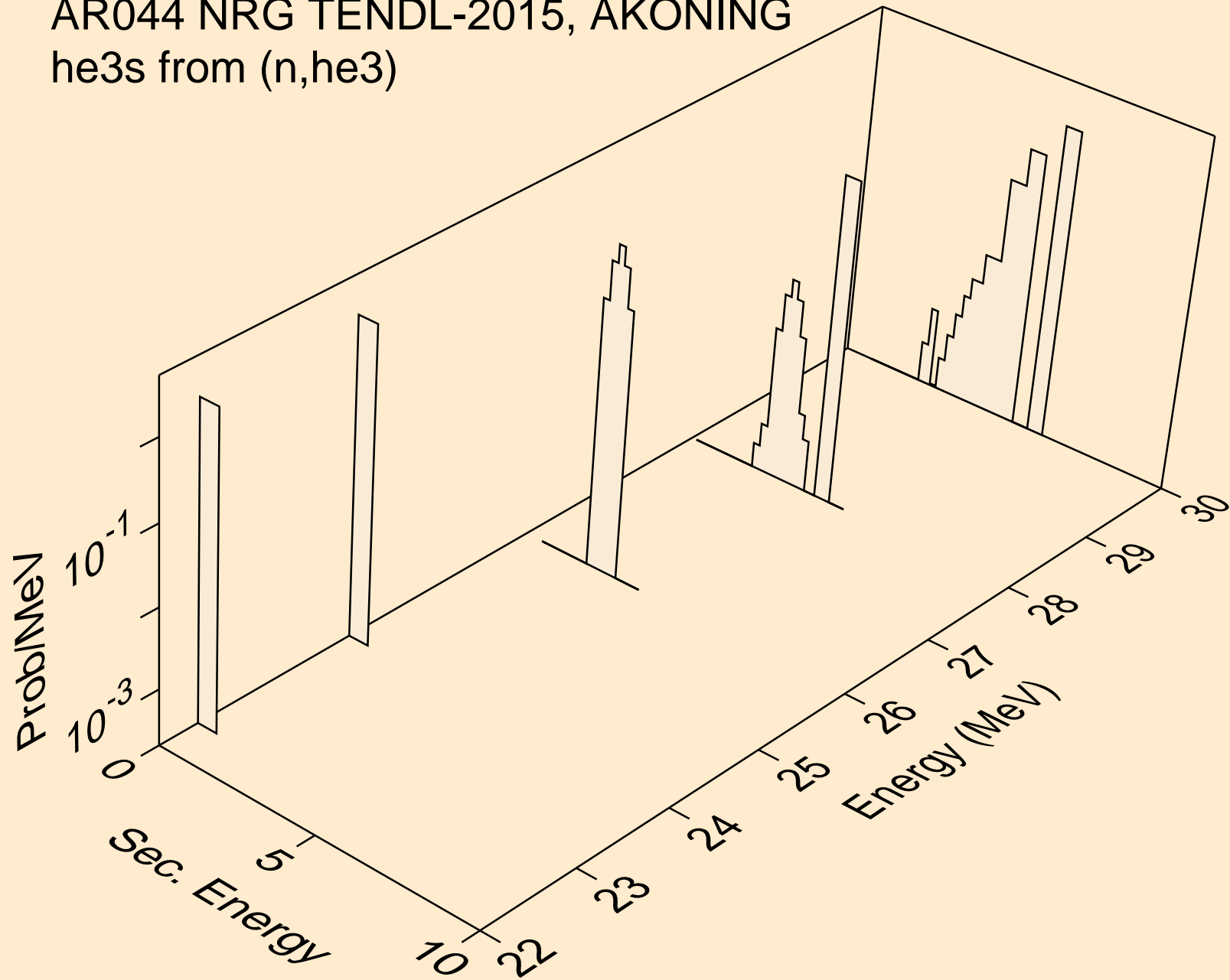
AR044 NRG TENDL-2015, AKONING  
tritons from (n,t)



AR044 NRG TENDL-2015, AKONING  
he3s from (n,x)

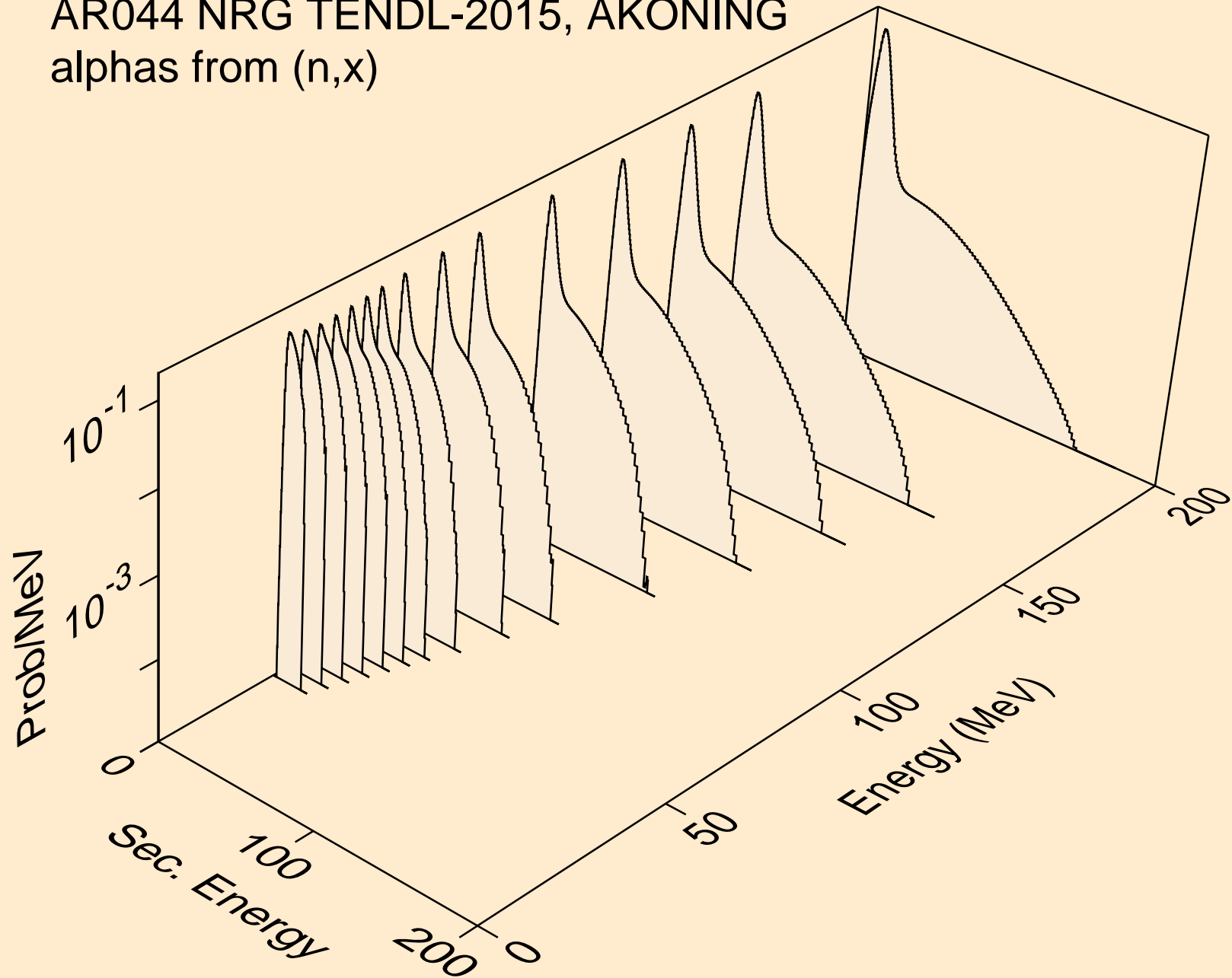


AR044 NRG TENDL-2015, AKONING  
he3s from (n,he3)

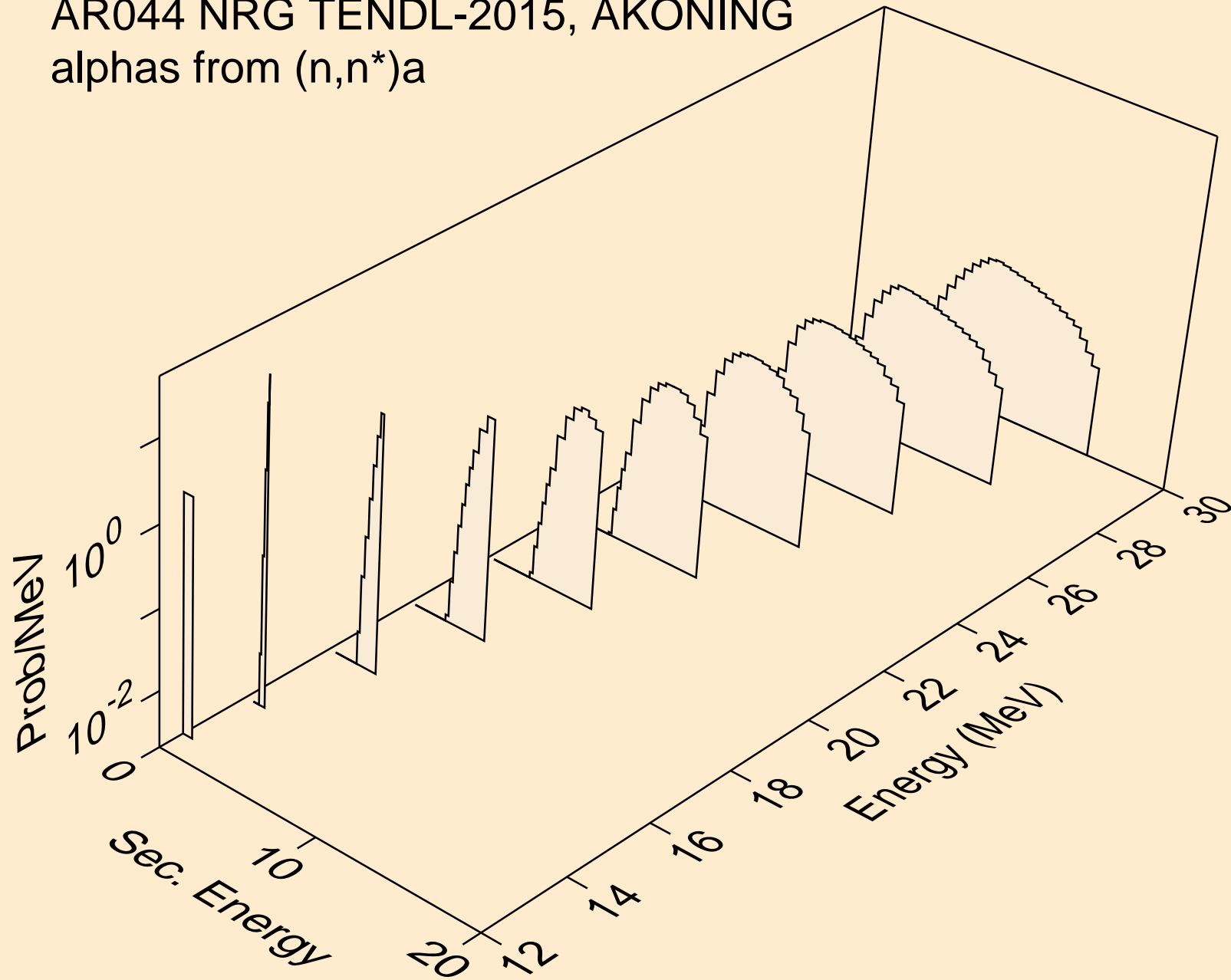




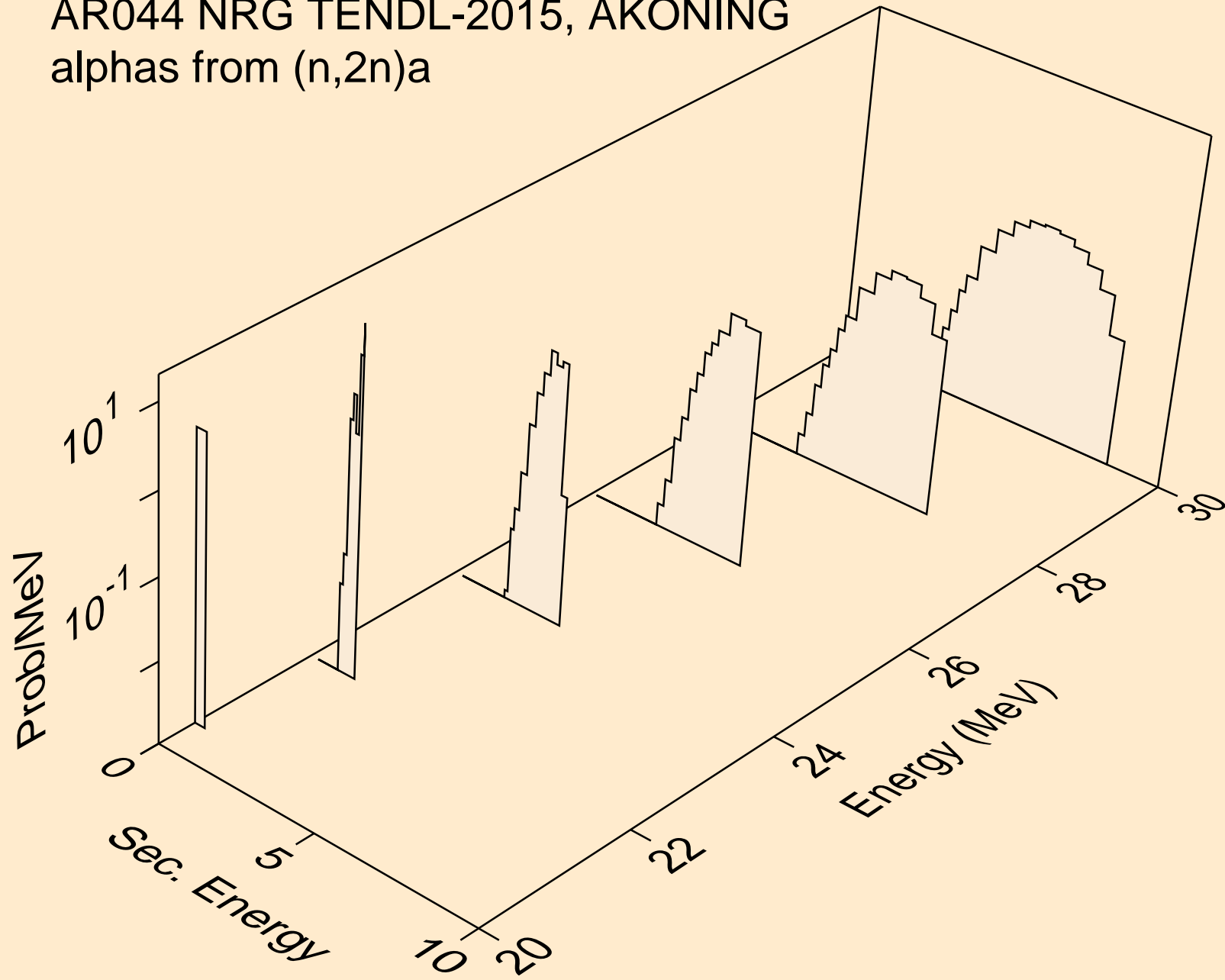
AR044 NRG TENDL-2015, AKONING  
alphas from (n,x)



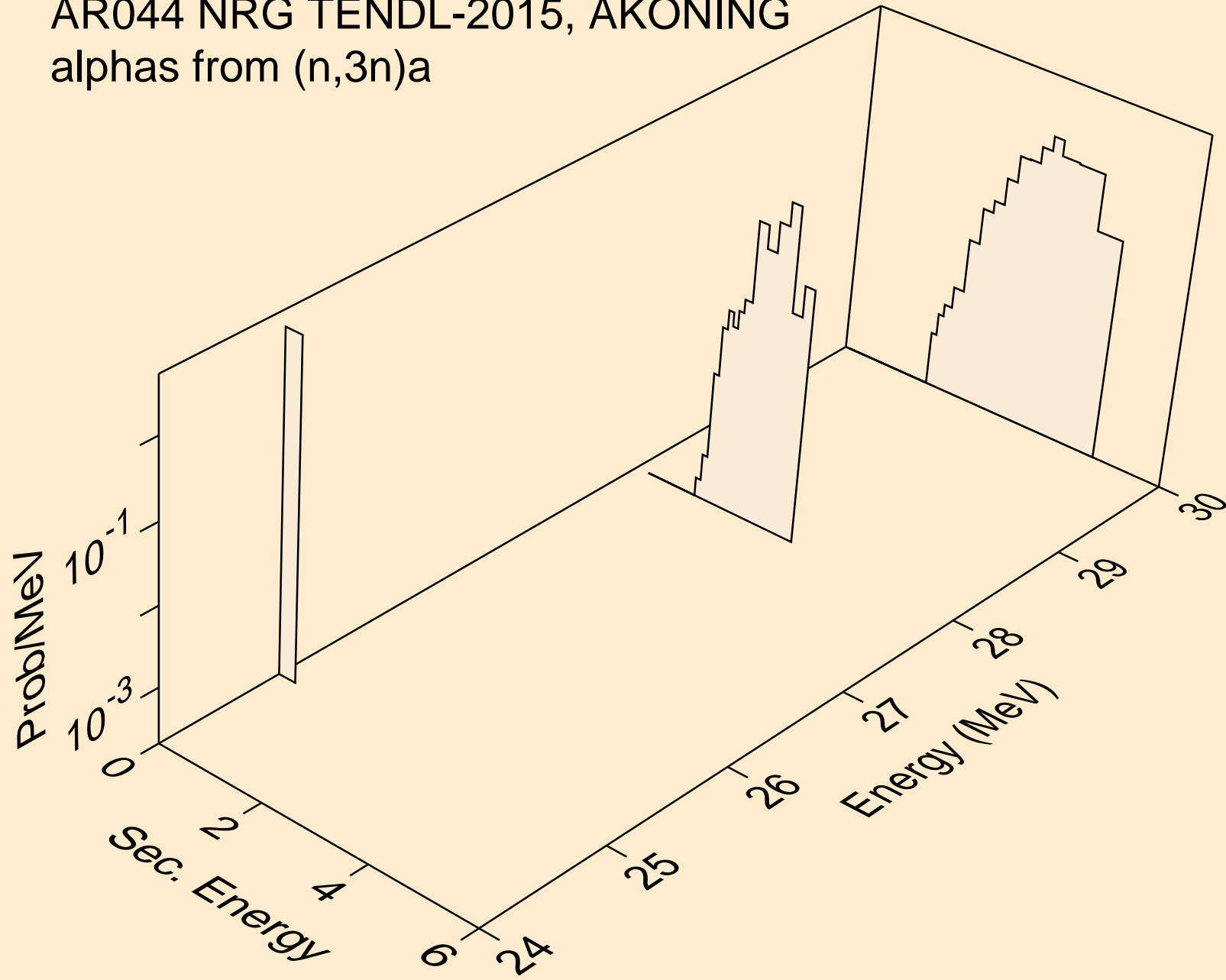
AR044 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



AR044 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



AR044 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



AR044 NRG TENDL-2015, AKONING  
alphas from (n,a)

