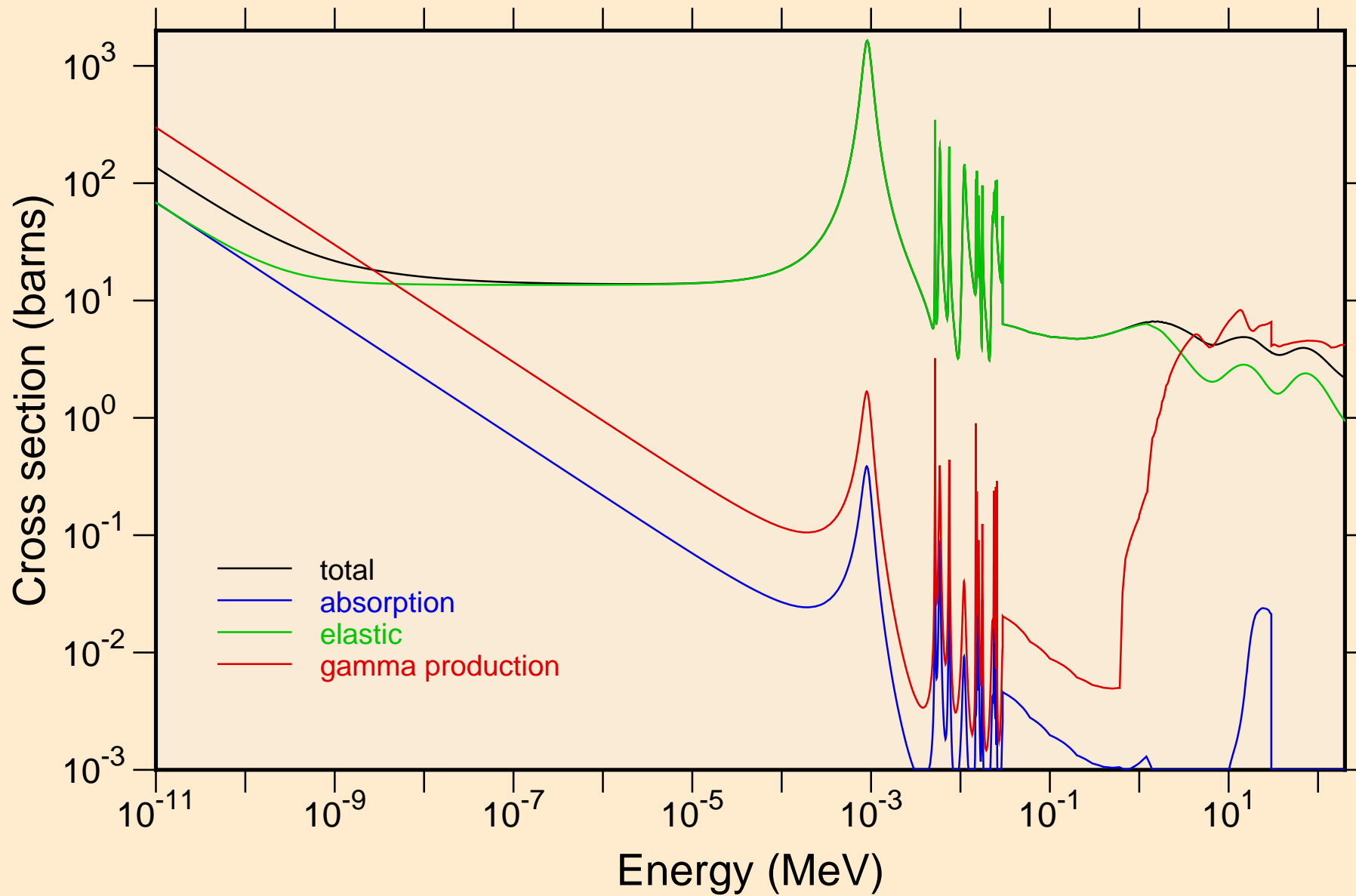


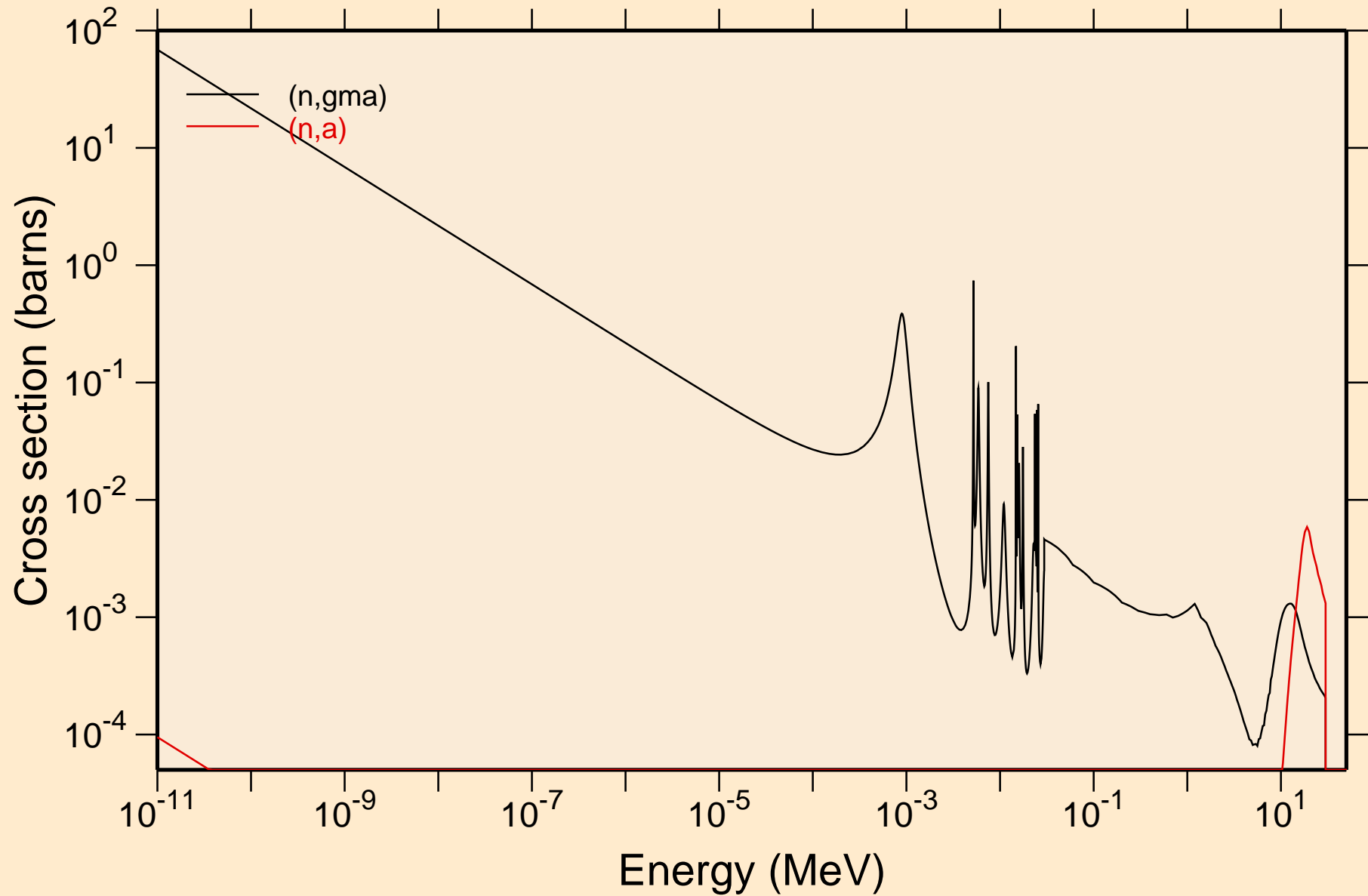
# XE137 NRG TENDL-2015, AKONING

## Principal cross sections



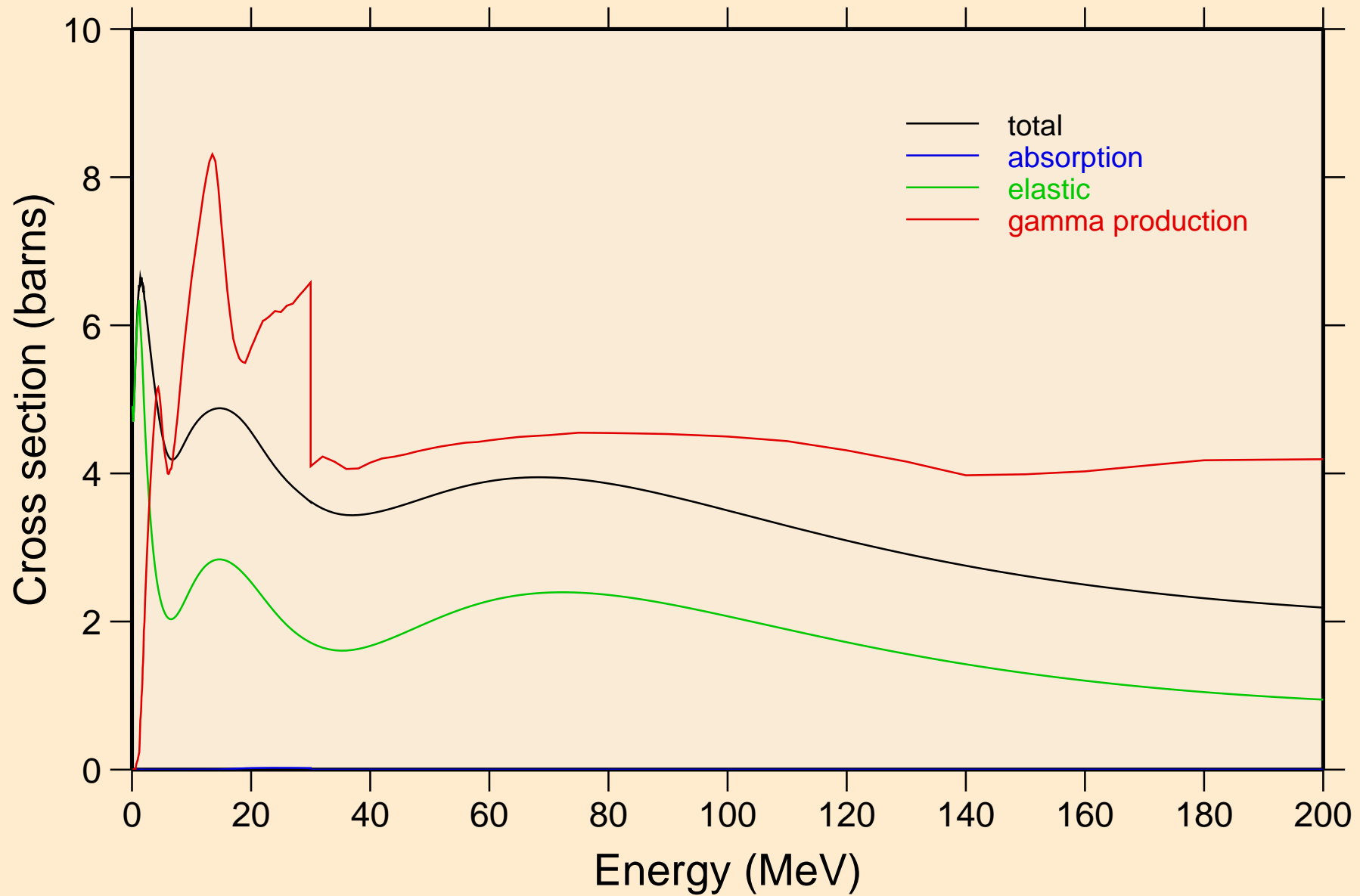
# XE137 NRG TENDL-2015, AKONING

## Non-threshold reactions



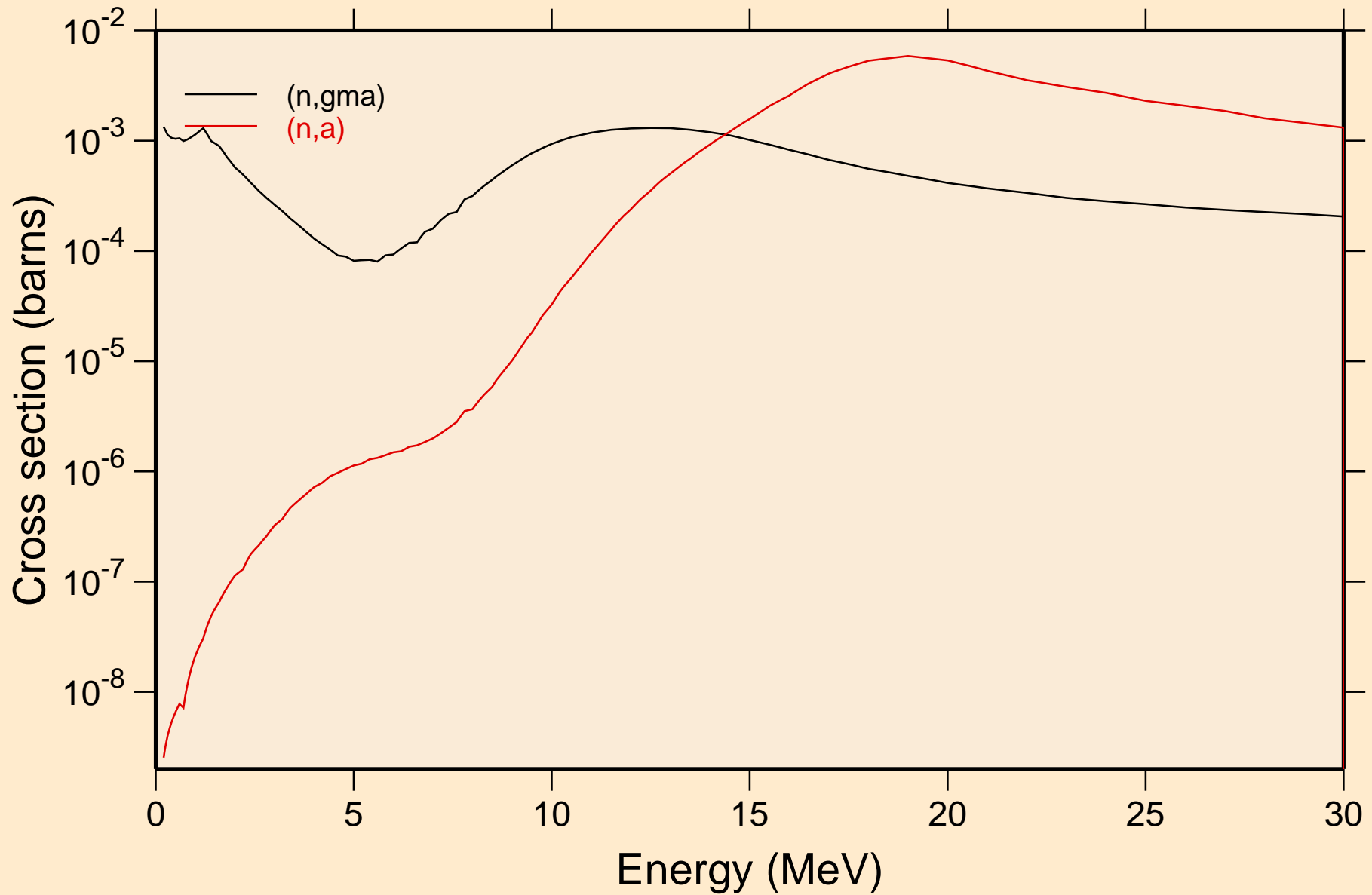
# XE137 NRG TENDL-2015, AKONING

## Principal cross sections



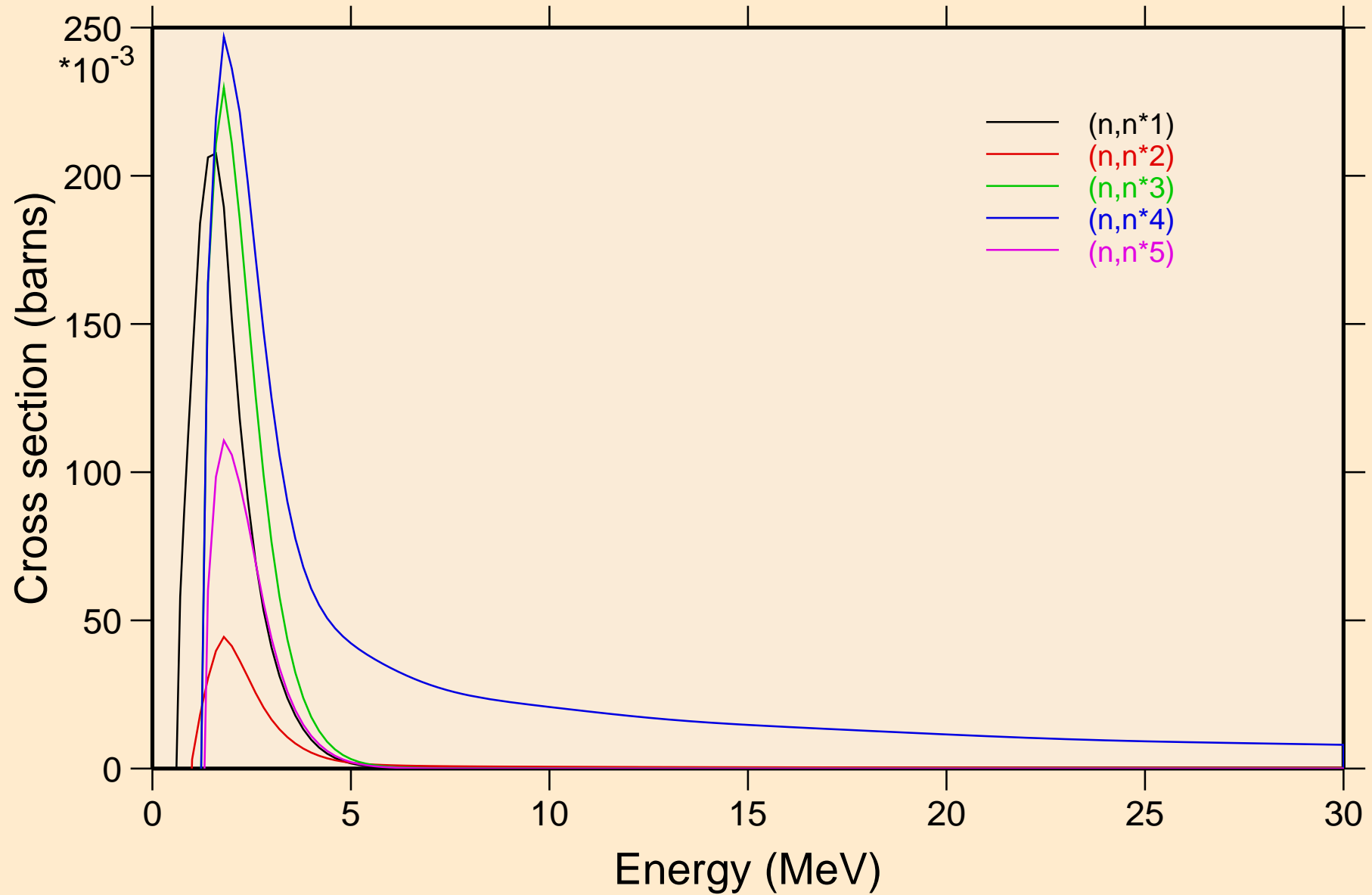
# XE137 NRG TENDL-2015, AKONING

## Non-threshold reactions



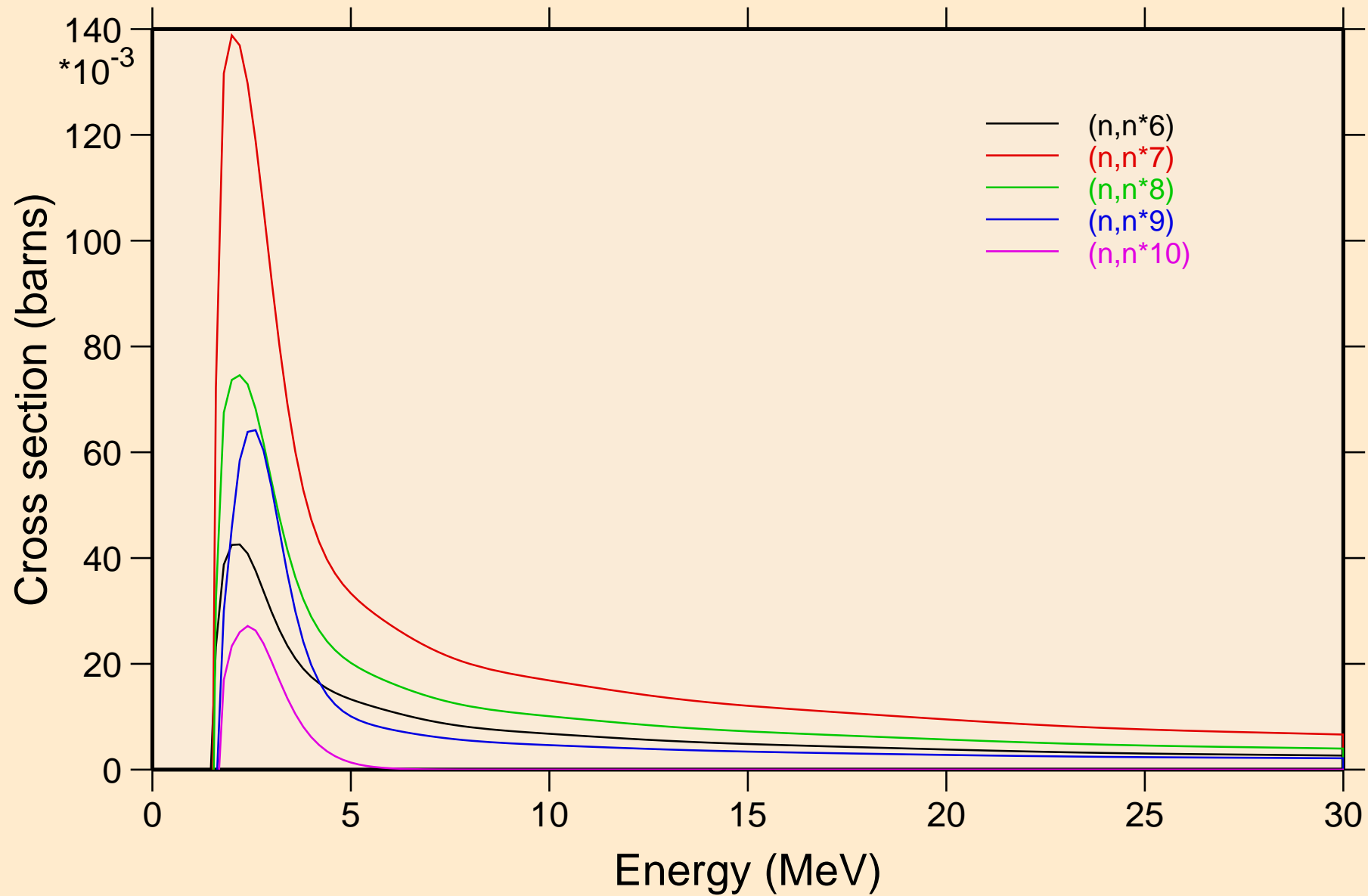
# XE137 NRG TENDL-2015, AKONING

## Inelastic levels



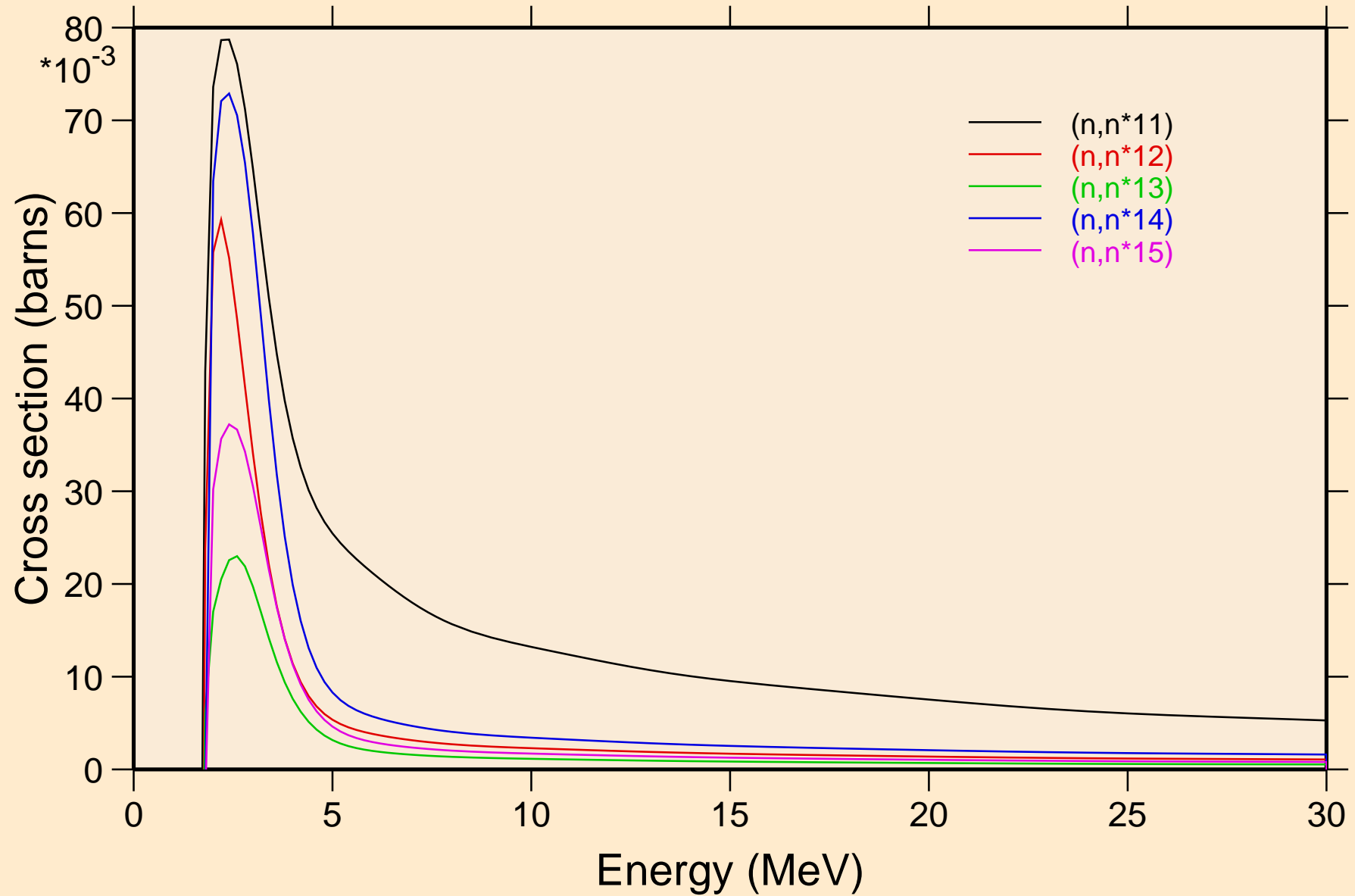
# XE137 NRG TENDL-2015, AKONING

## Inelastic levels



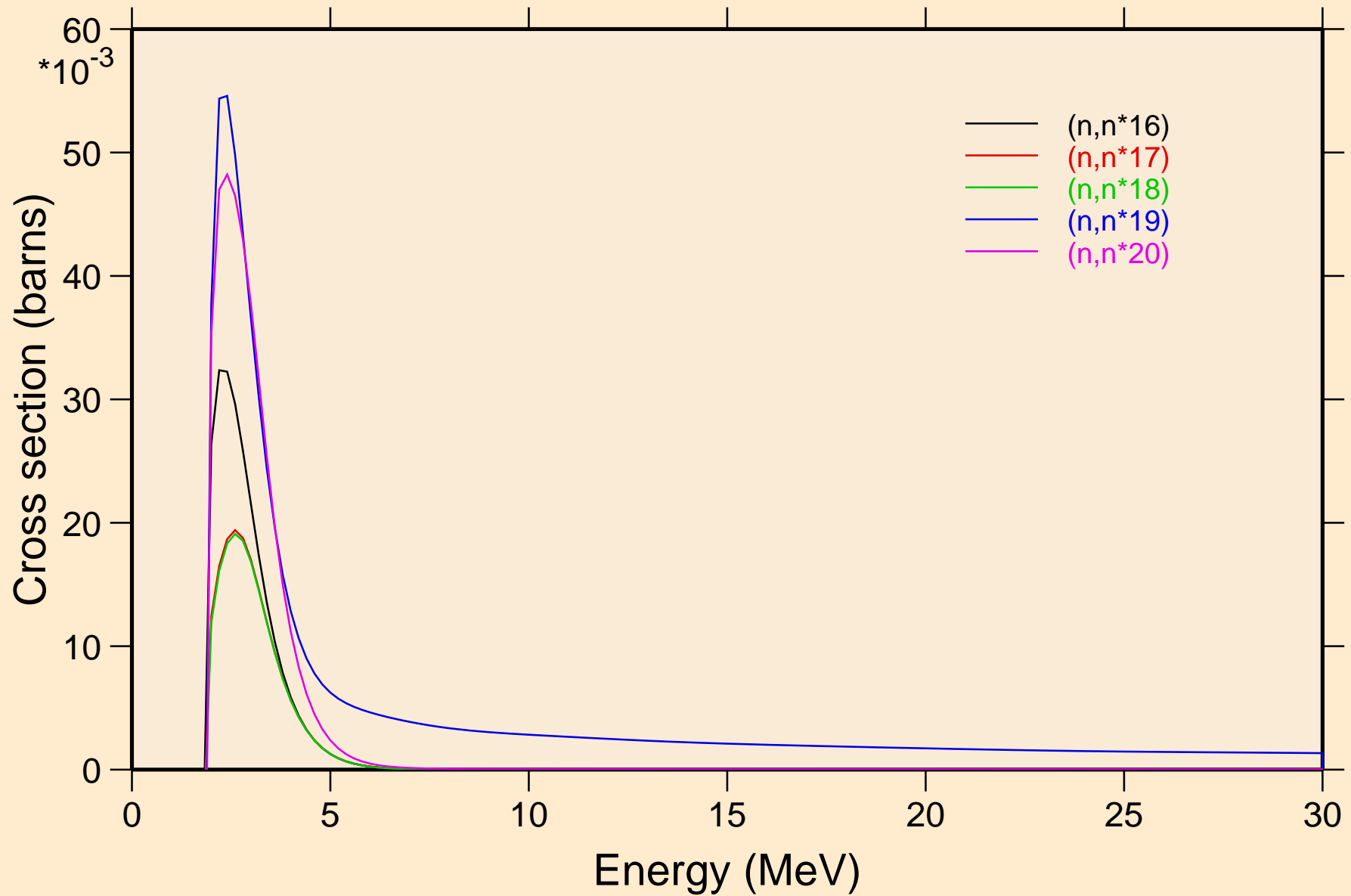
# XE137 NRG TENDL-2015, AKONING

## Inelastic levels



# XE137 NRG TENDL-2015, AKONING

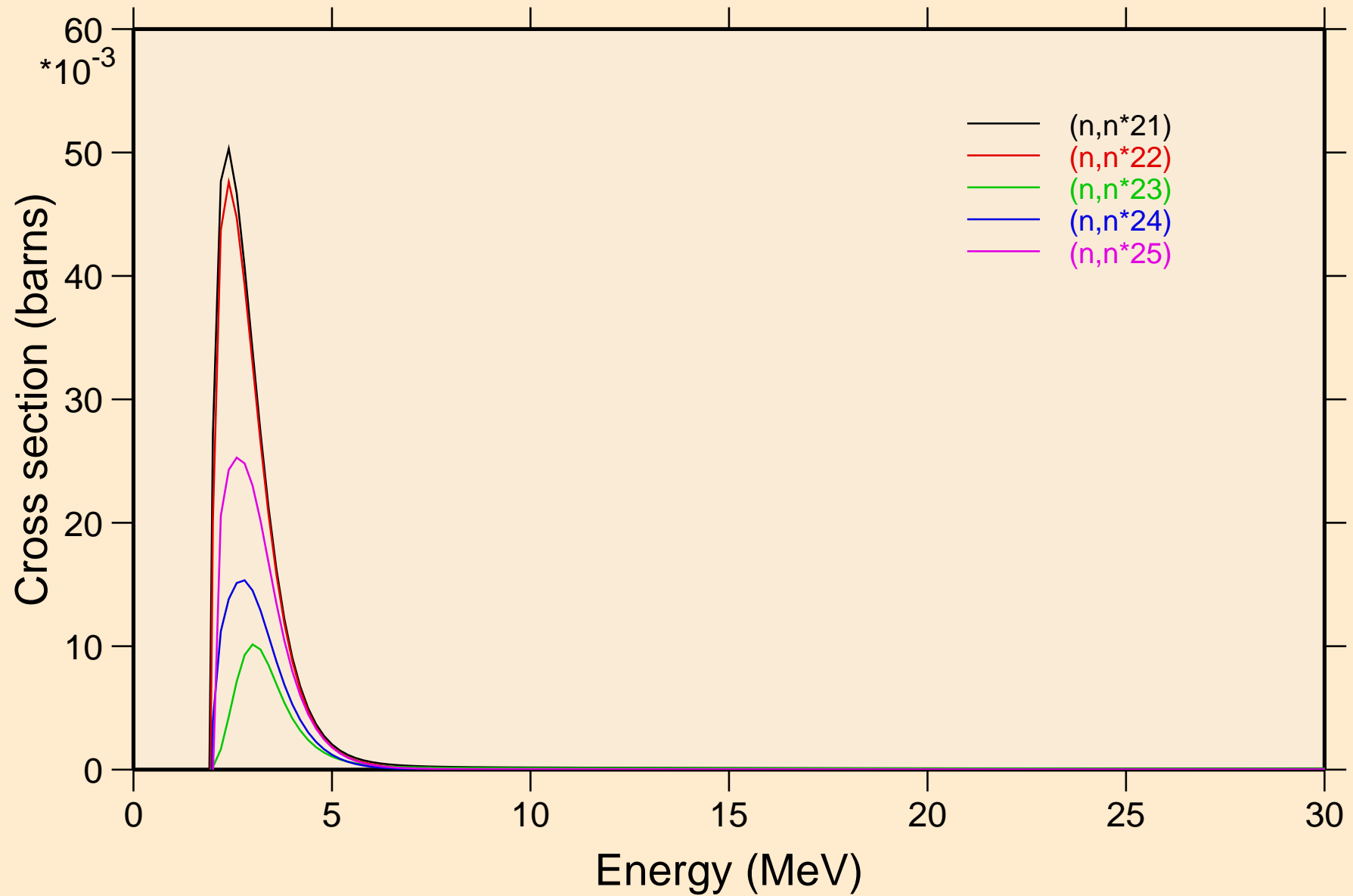
## Inelastic levels





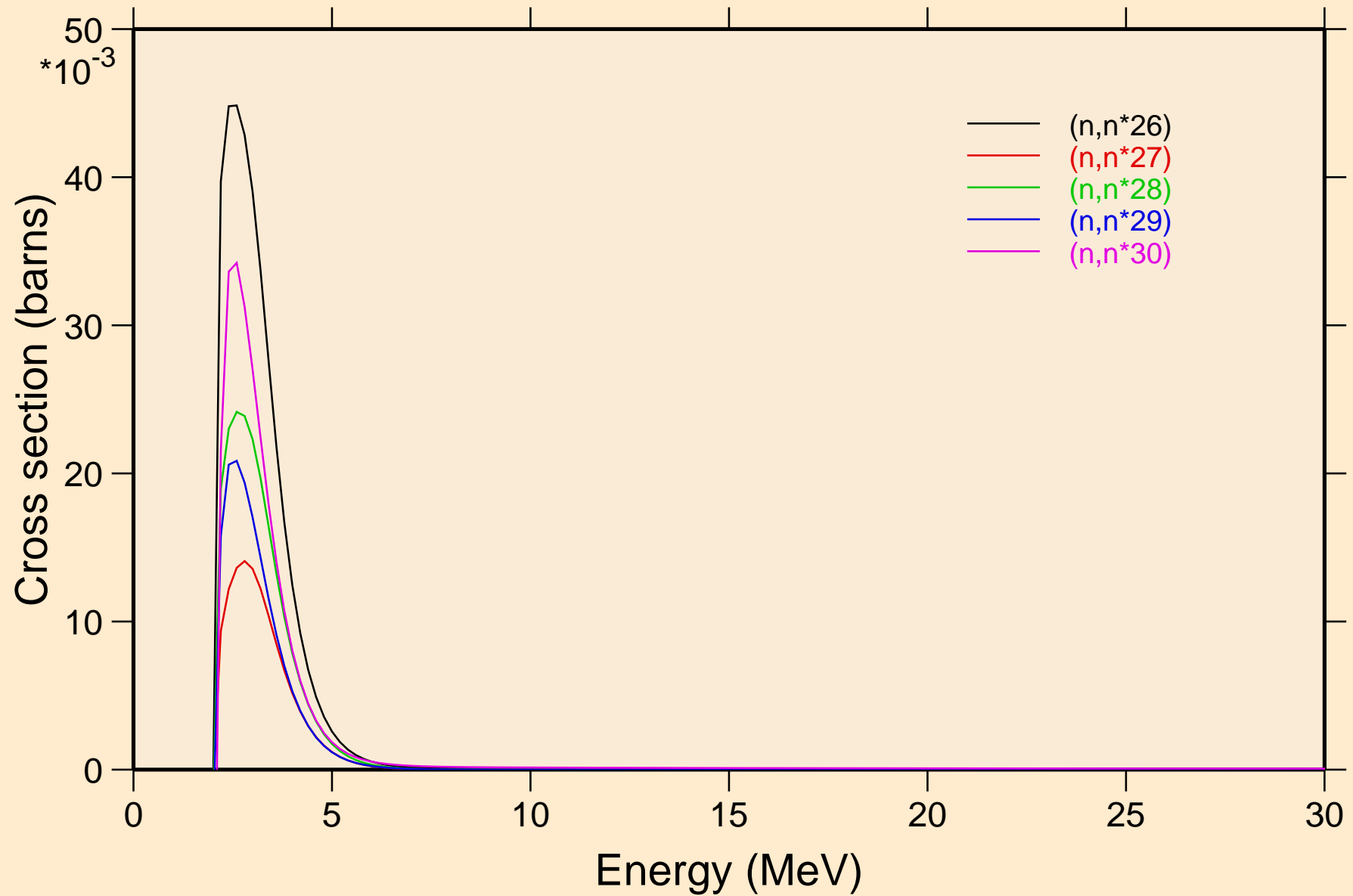
# XE137 NRG TENDL-2015, AKONING

## Inelastic levels



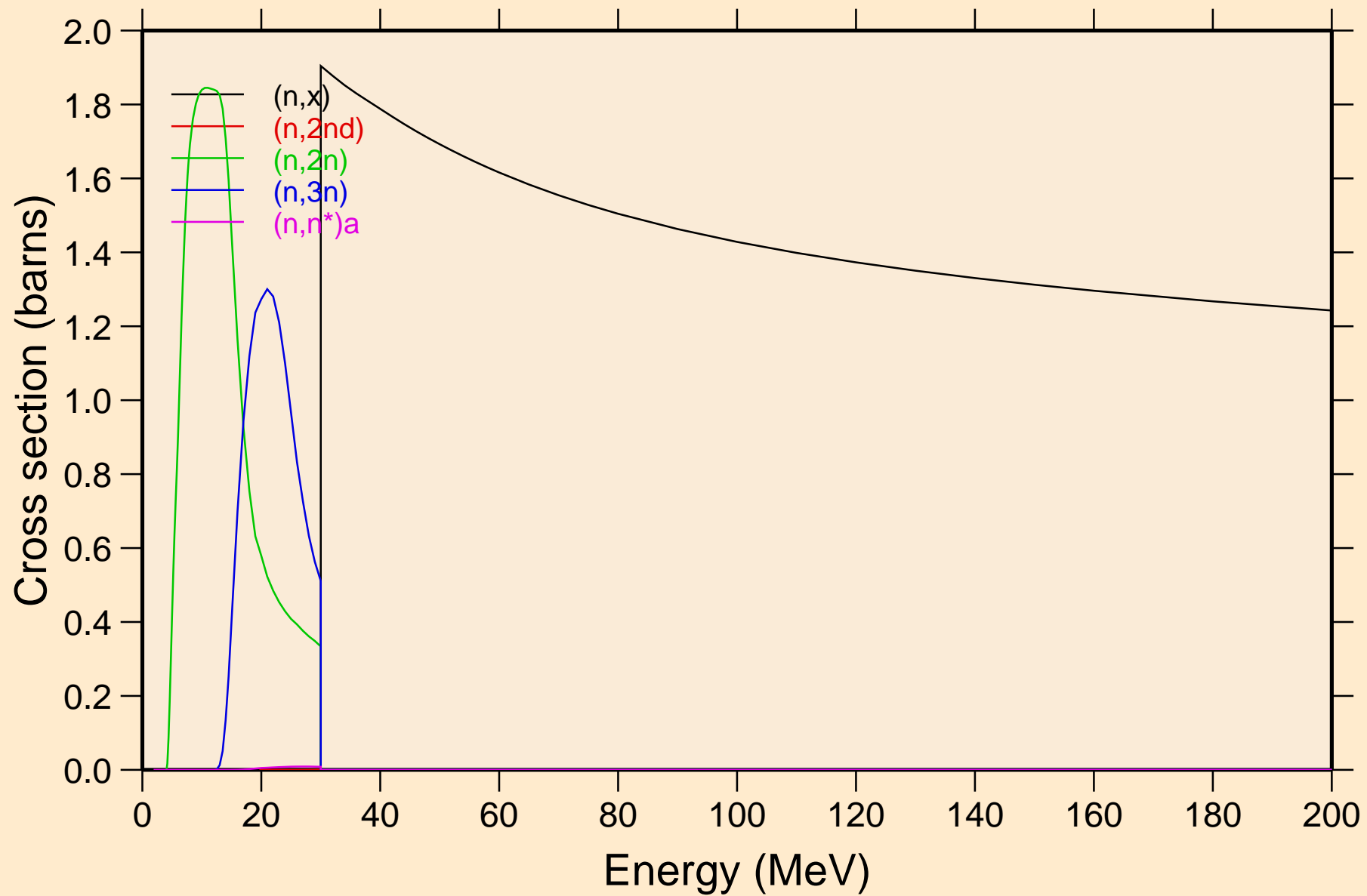
# XE137 NRG TENDL-2015, AKONING

## Inelastic levels



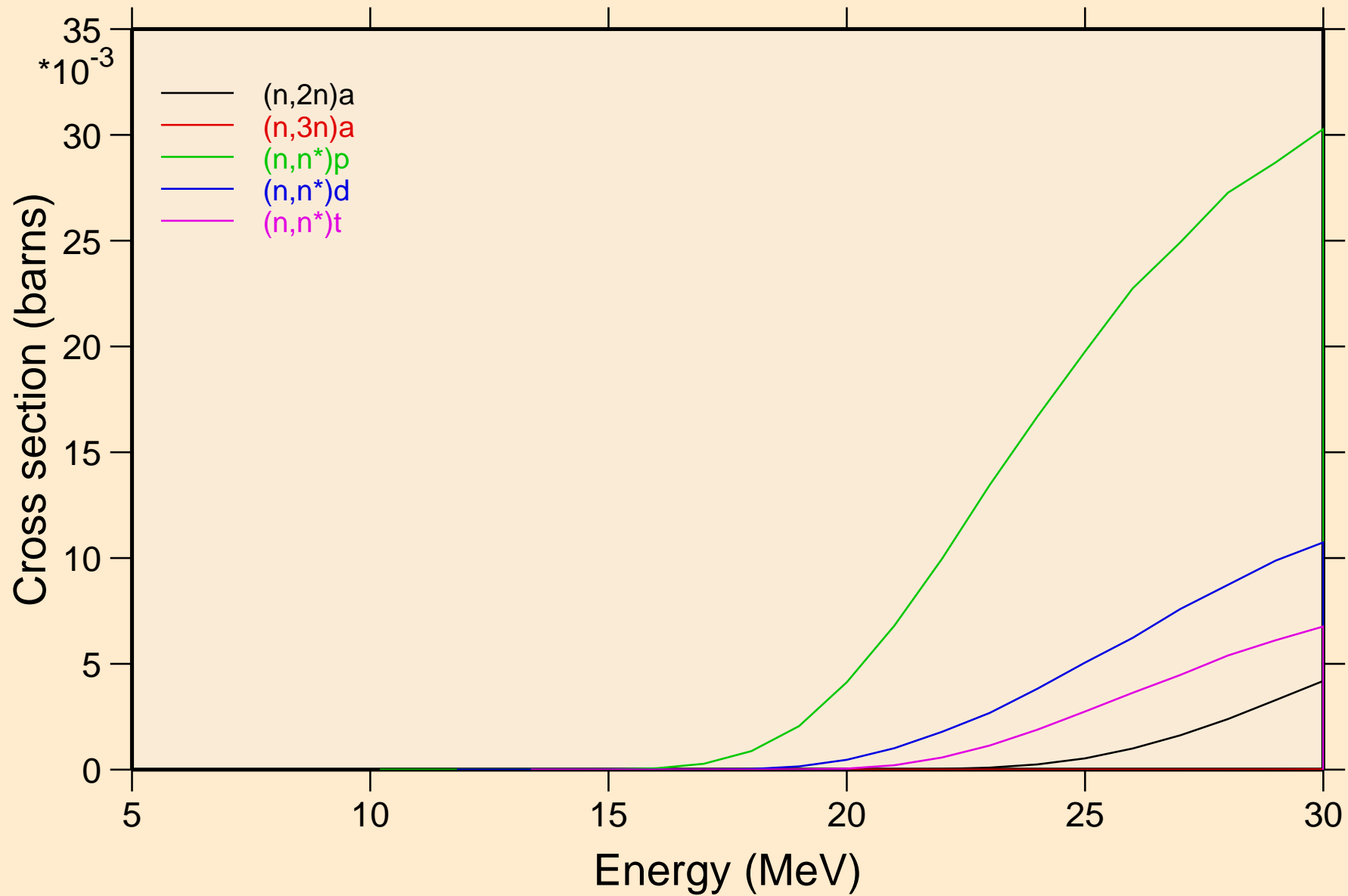
# XE137 NRG TENDL-2015, AKONING

## Threshold reactions



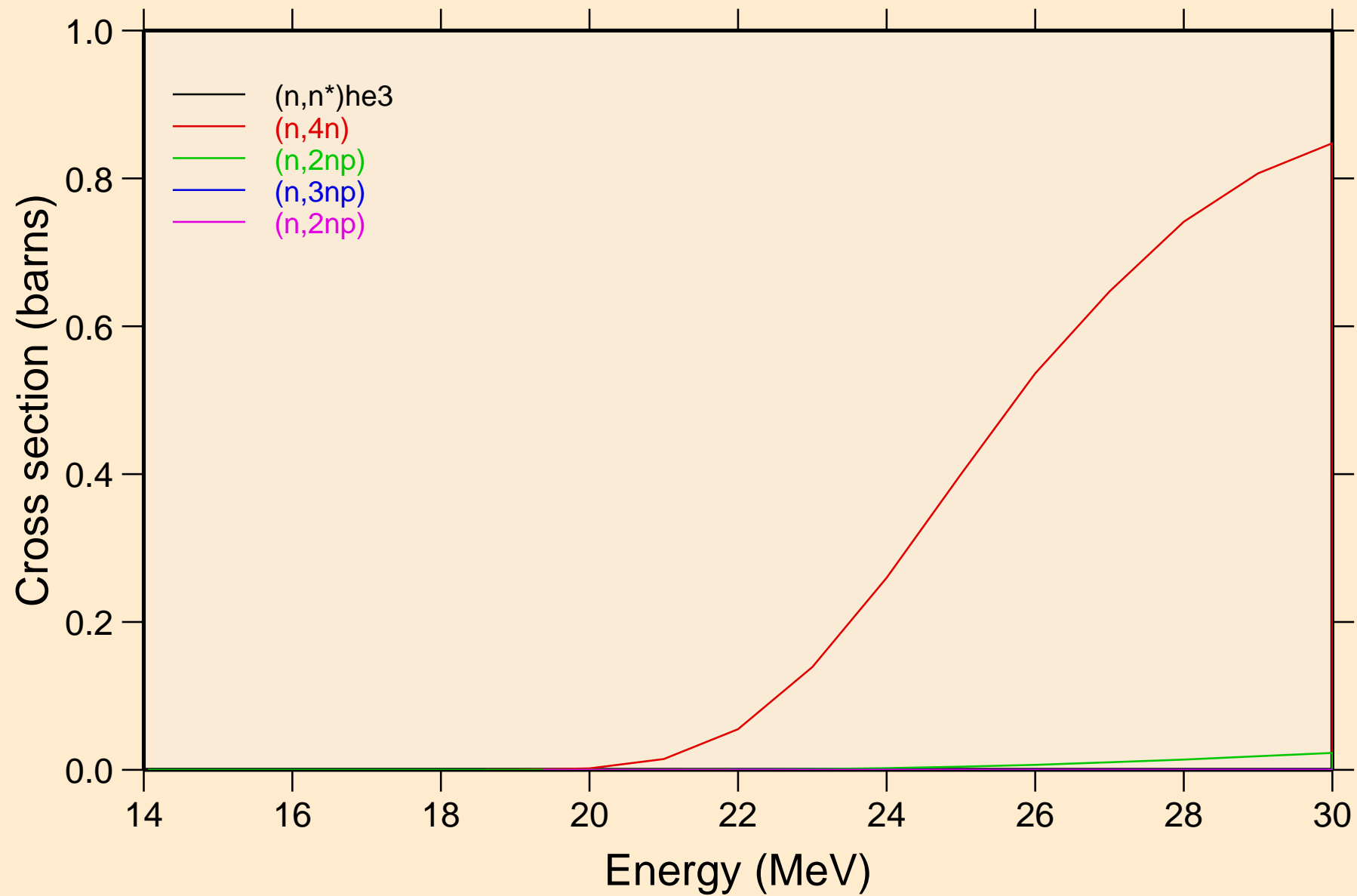
# XE137 NRG TENDL-2015, AKONING

## Threshold reactions



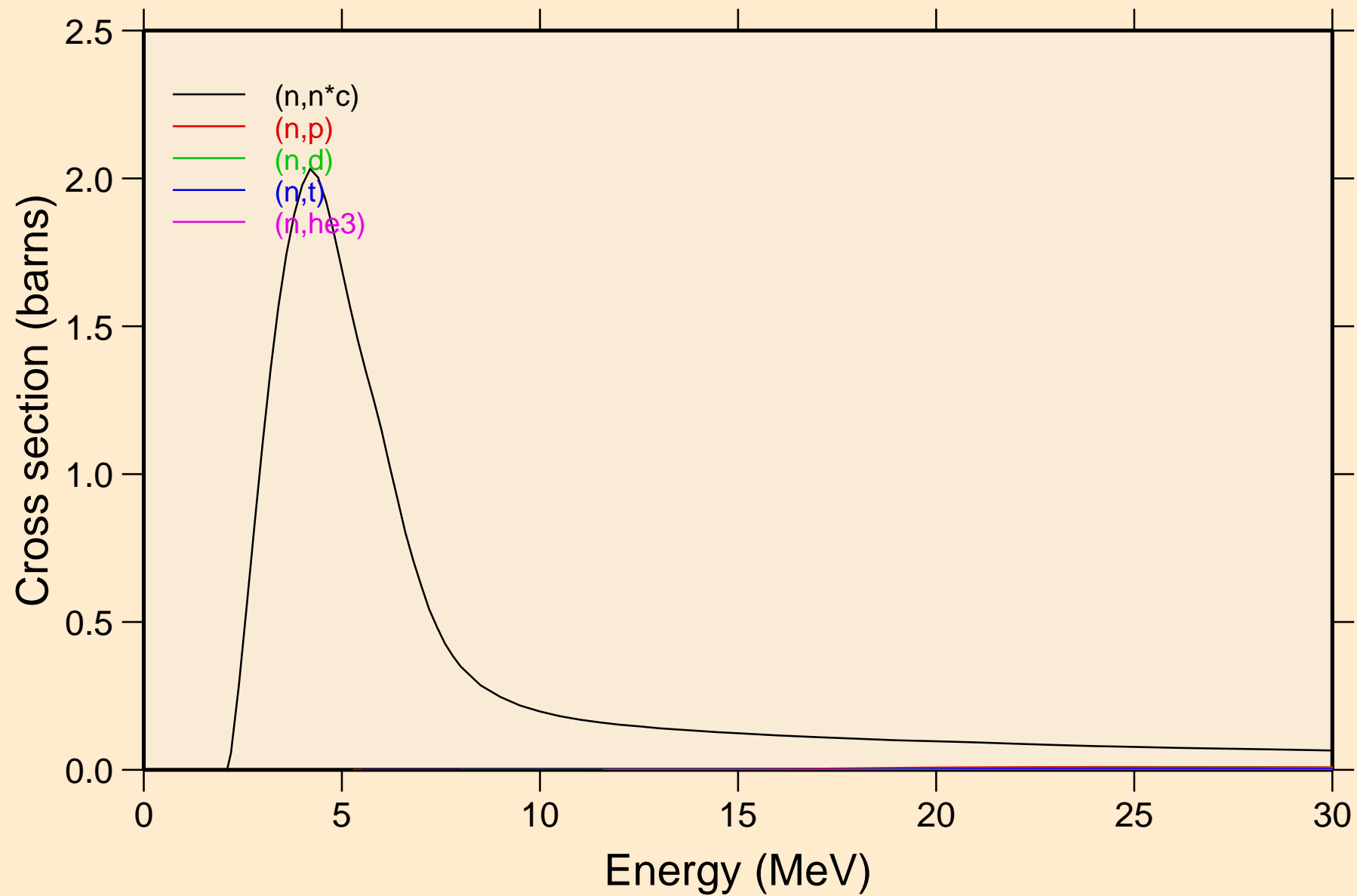
# XE137 NRG TENDL-2015, AKONING

## Threshold reactions



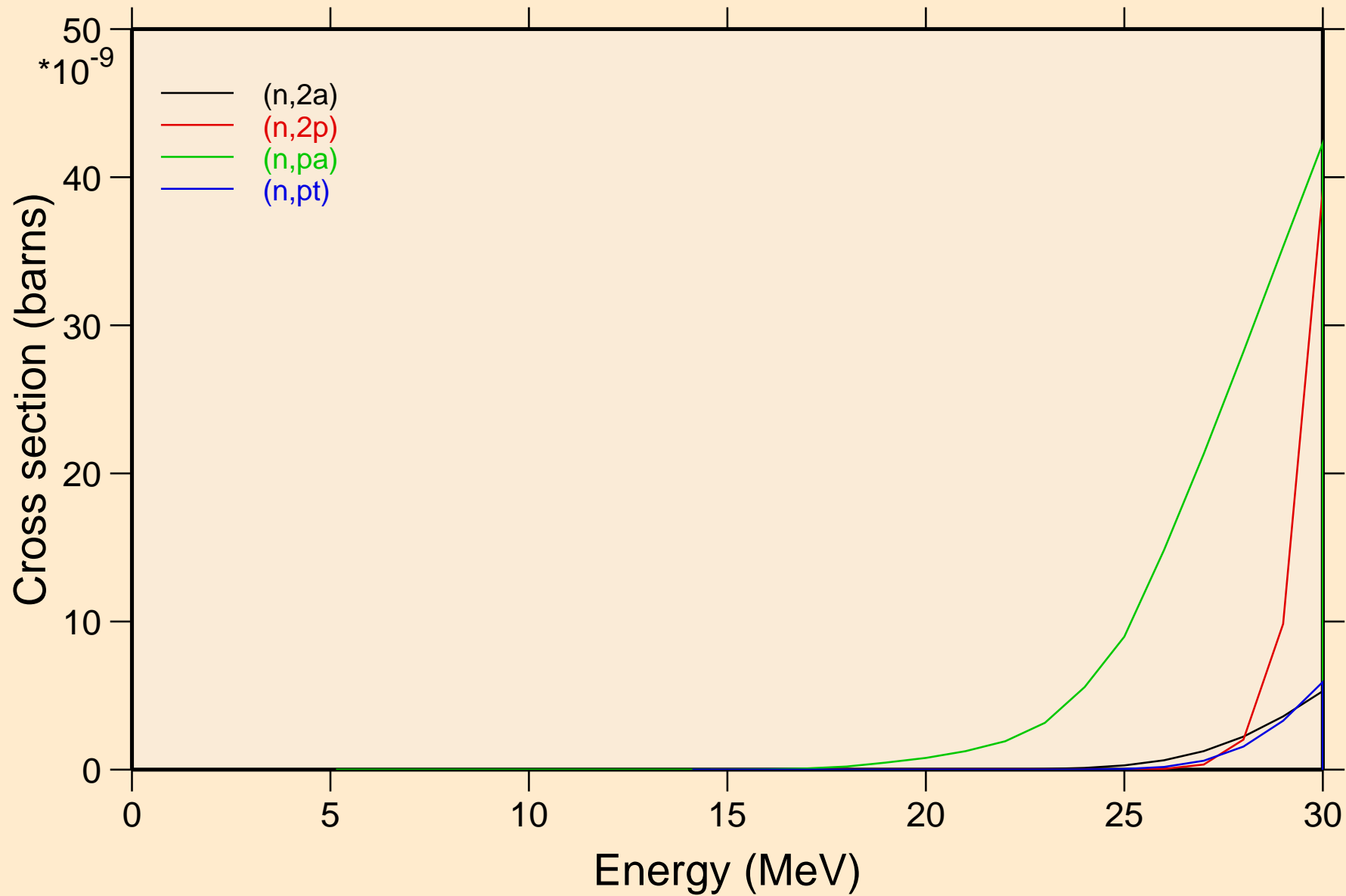
# XE137 NRG TENDL-2015, AKONING

## Threshold reactions

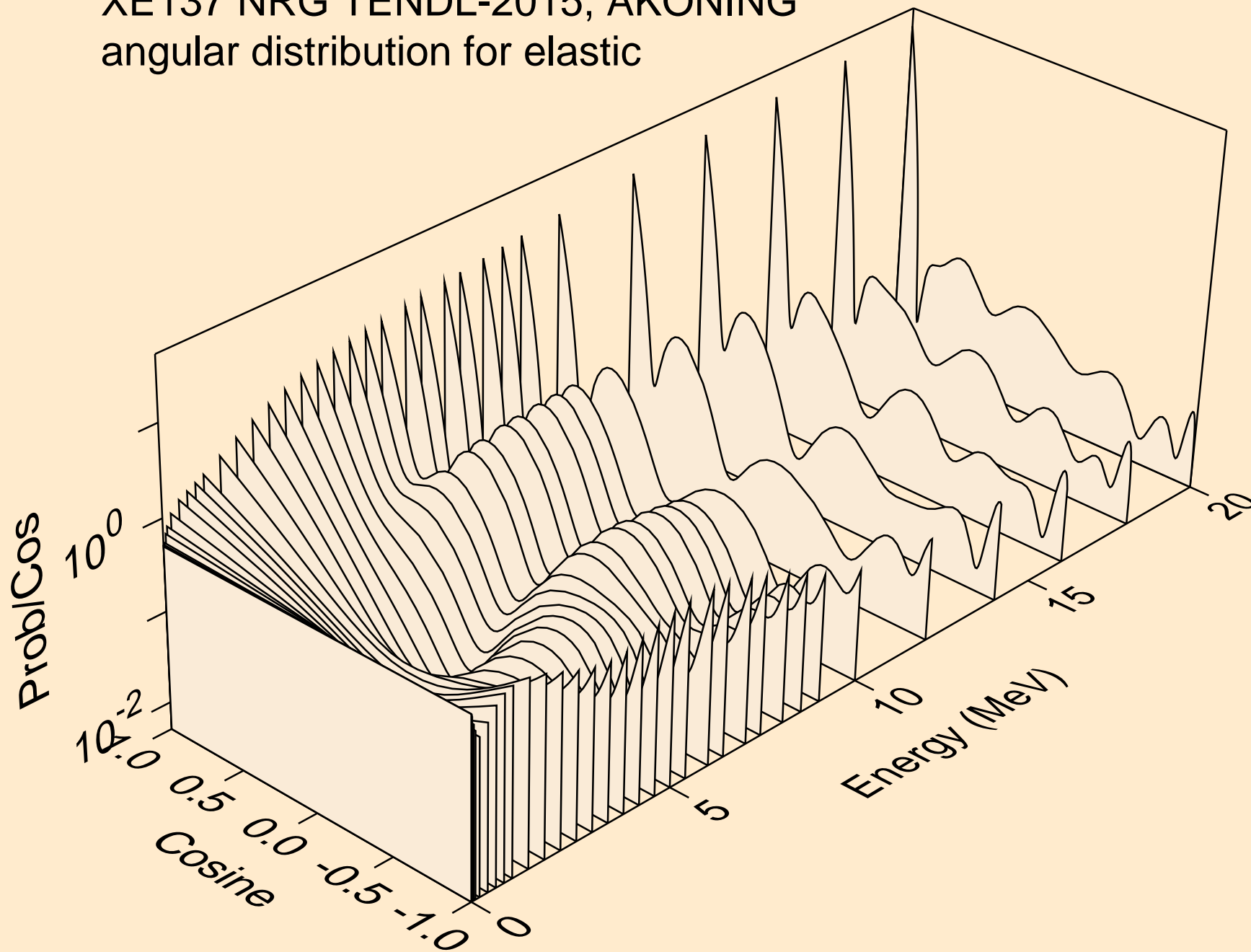


# XE137 NRG TENDL-2015, AKONING

## Threshold reactions

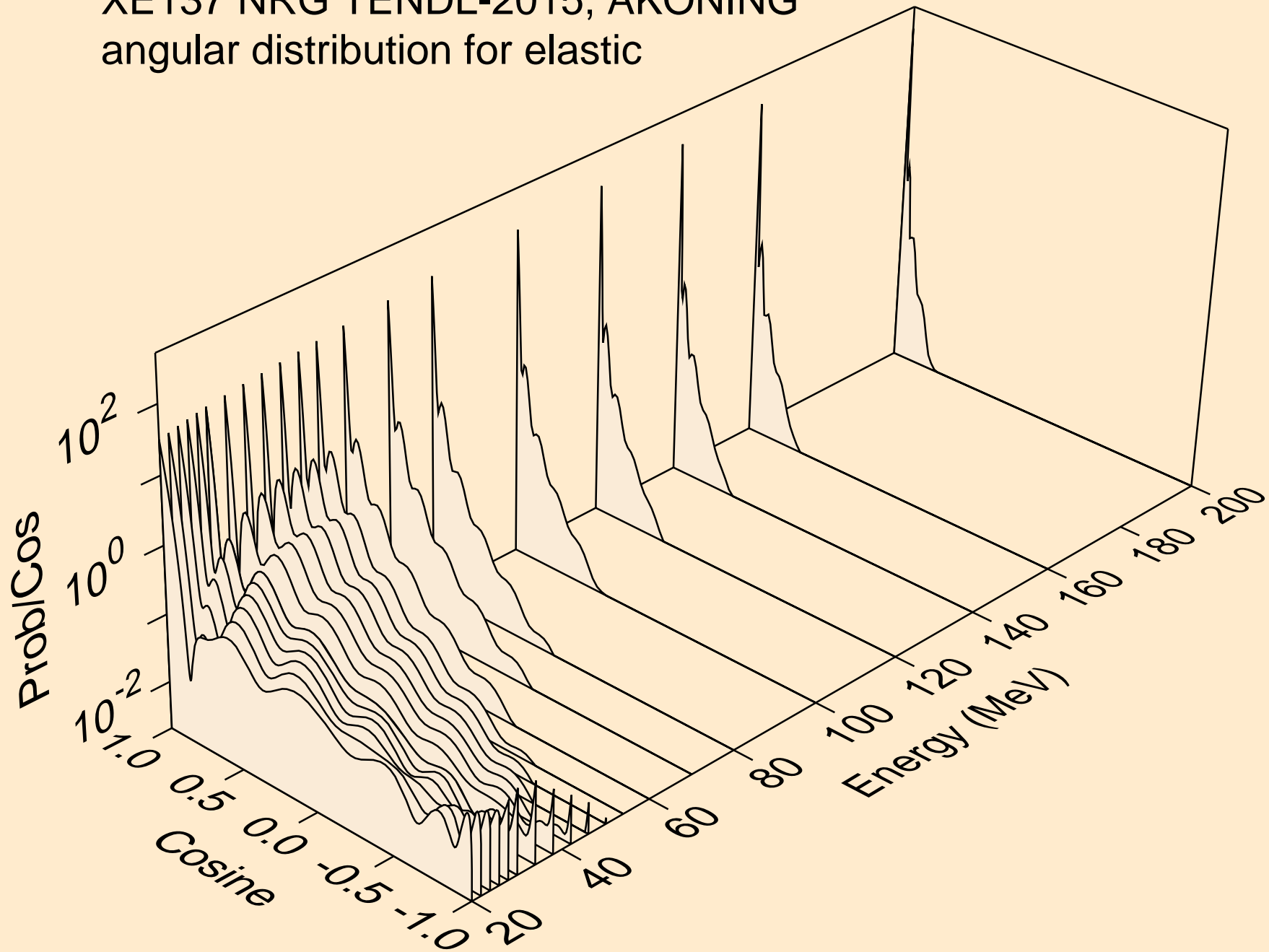


XE137 NRG TENDL-2015, AKONING  
angular distribution for elastic

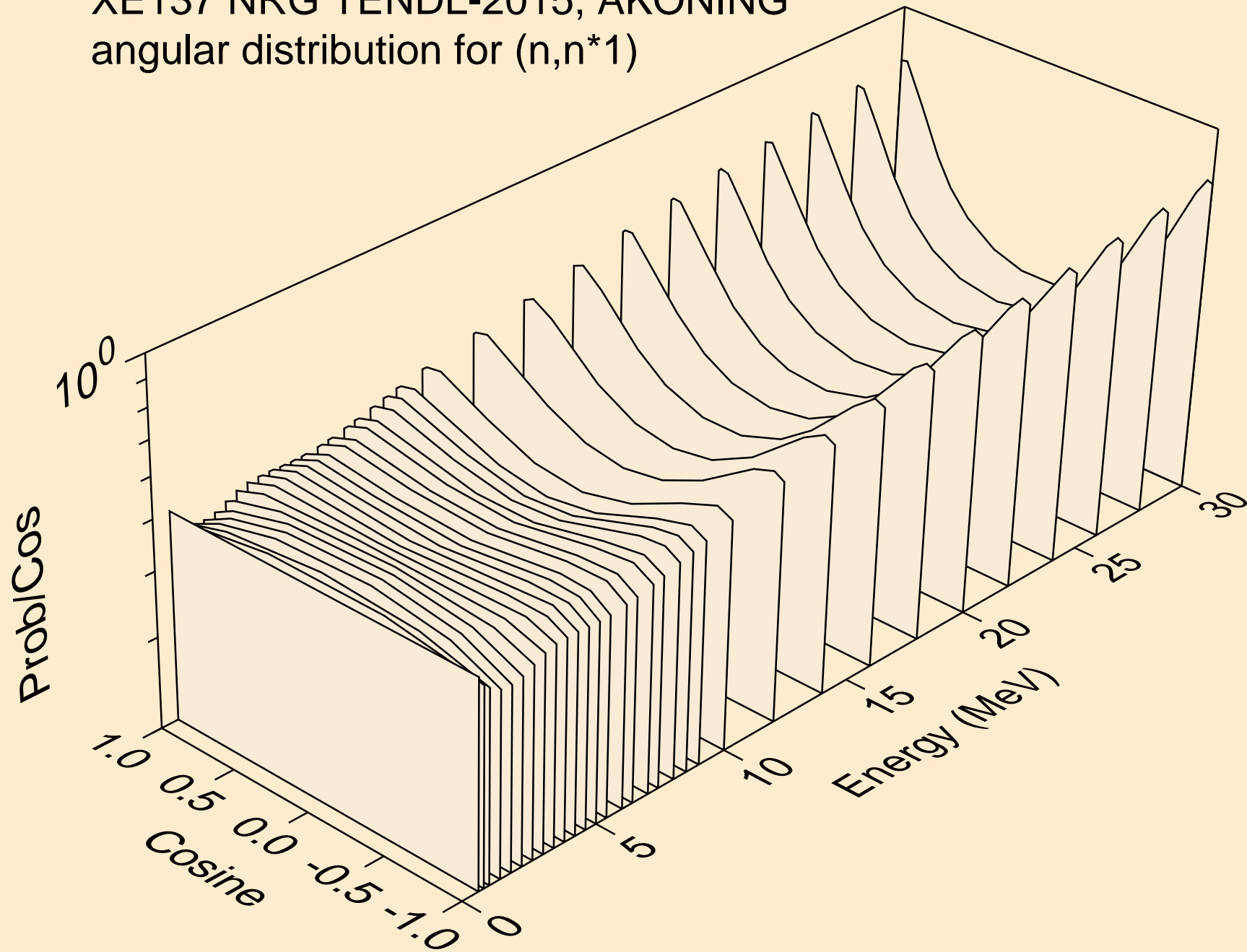




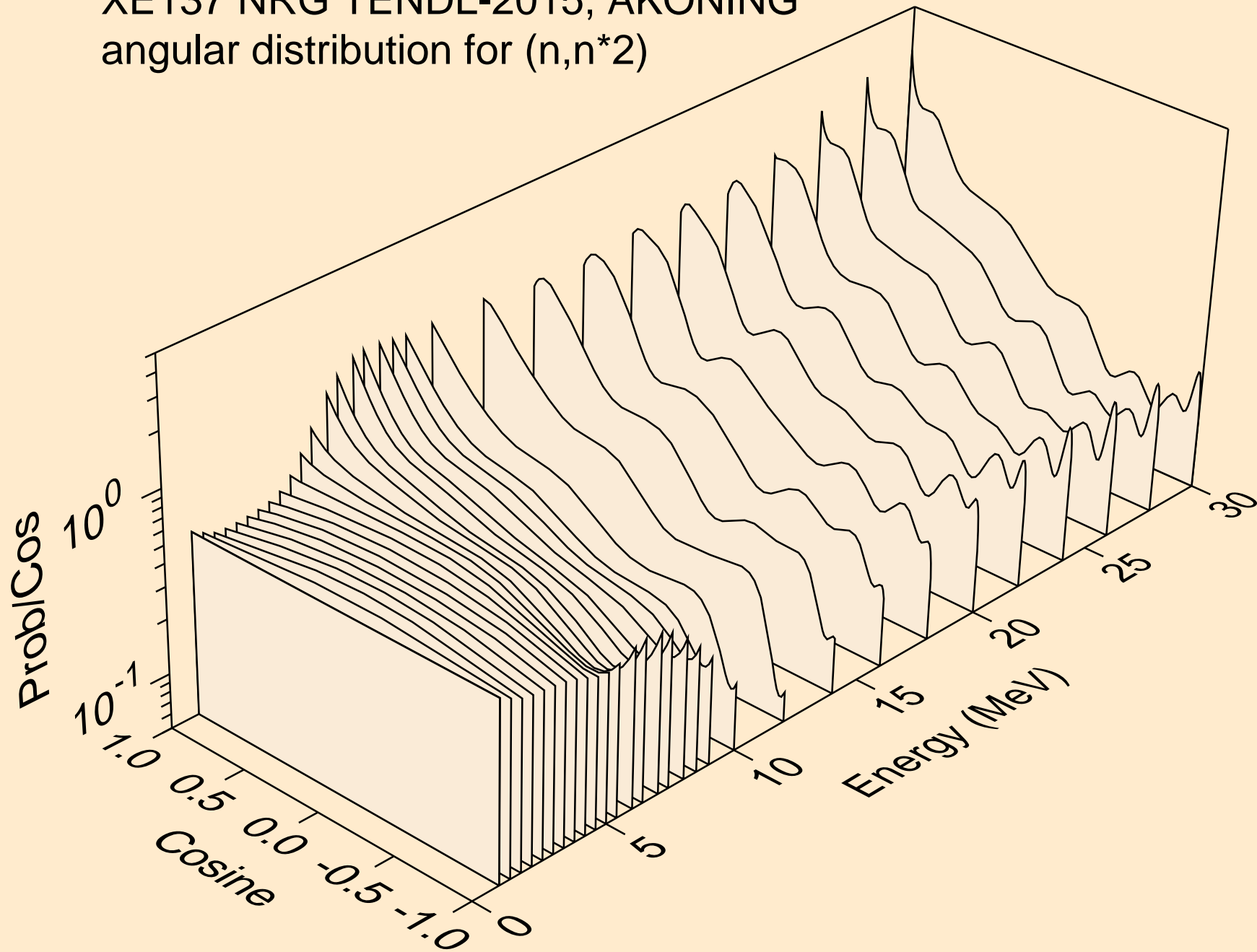
XE137 NRG TENDL-2015, AKONING  
angular distribution for elastic



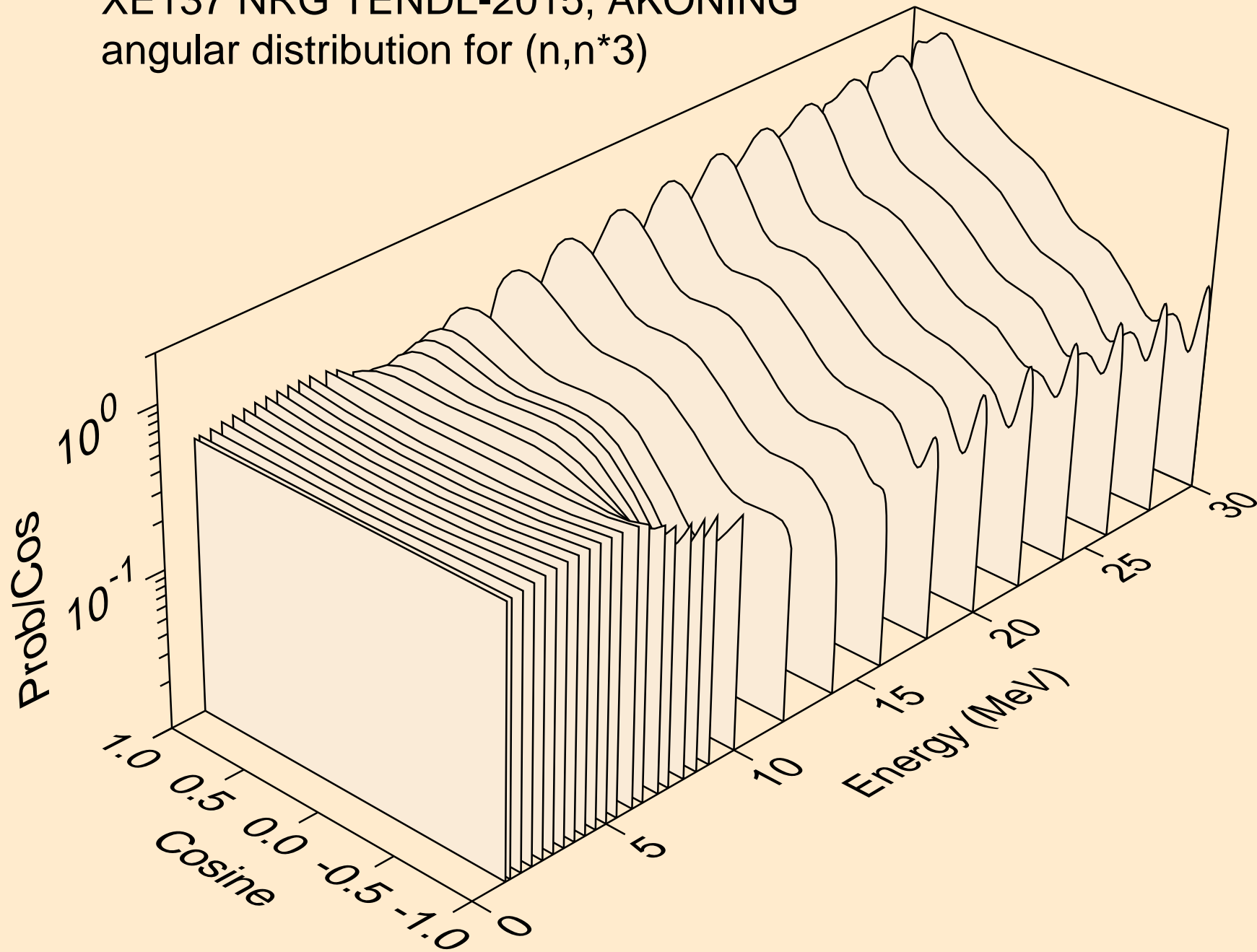
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



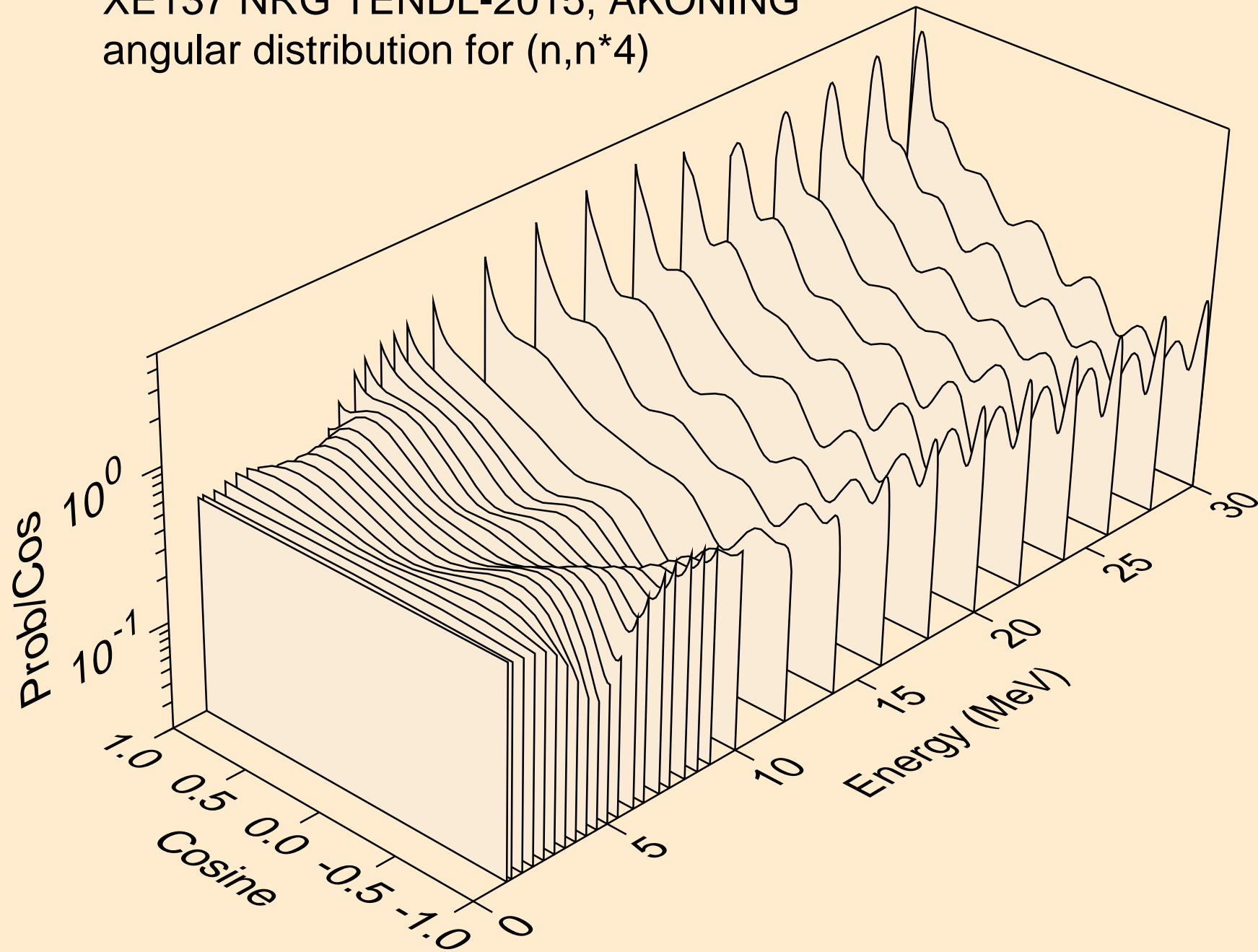
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



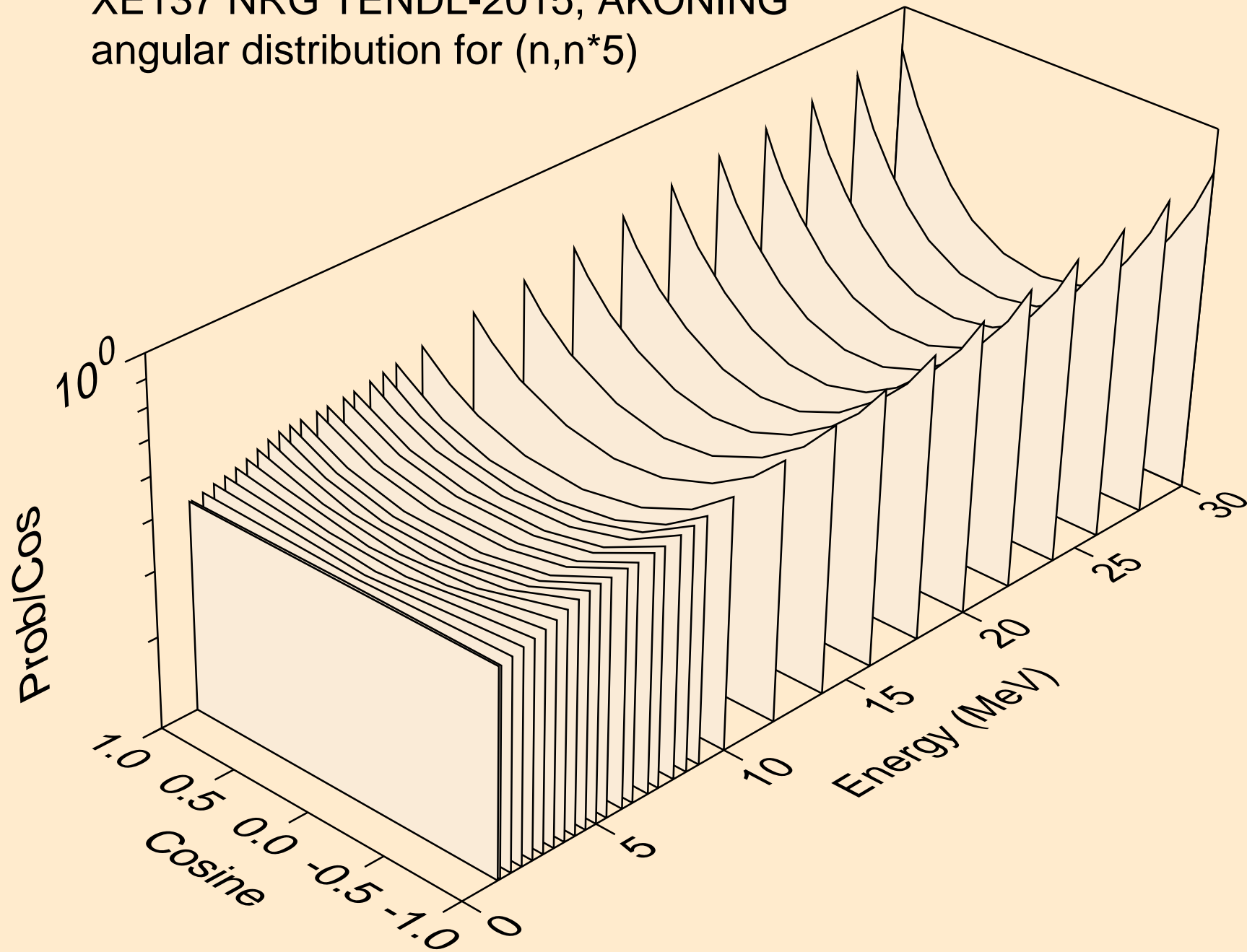
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



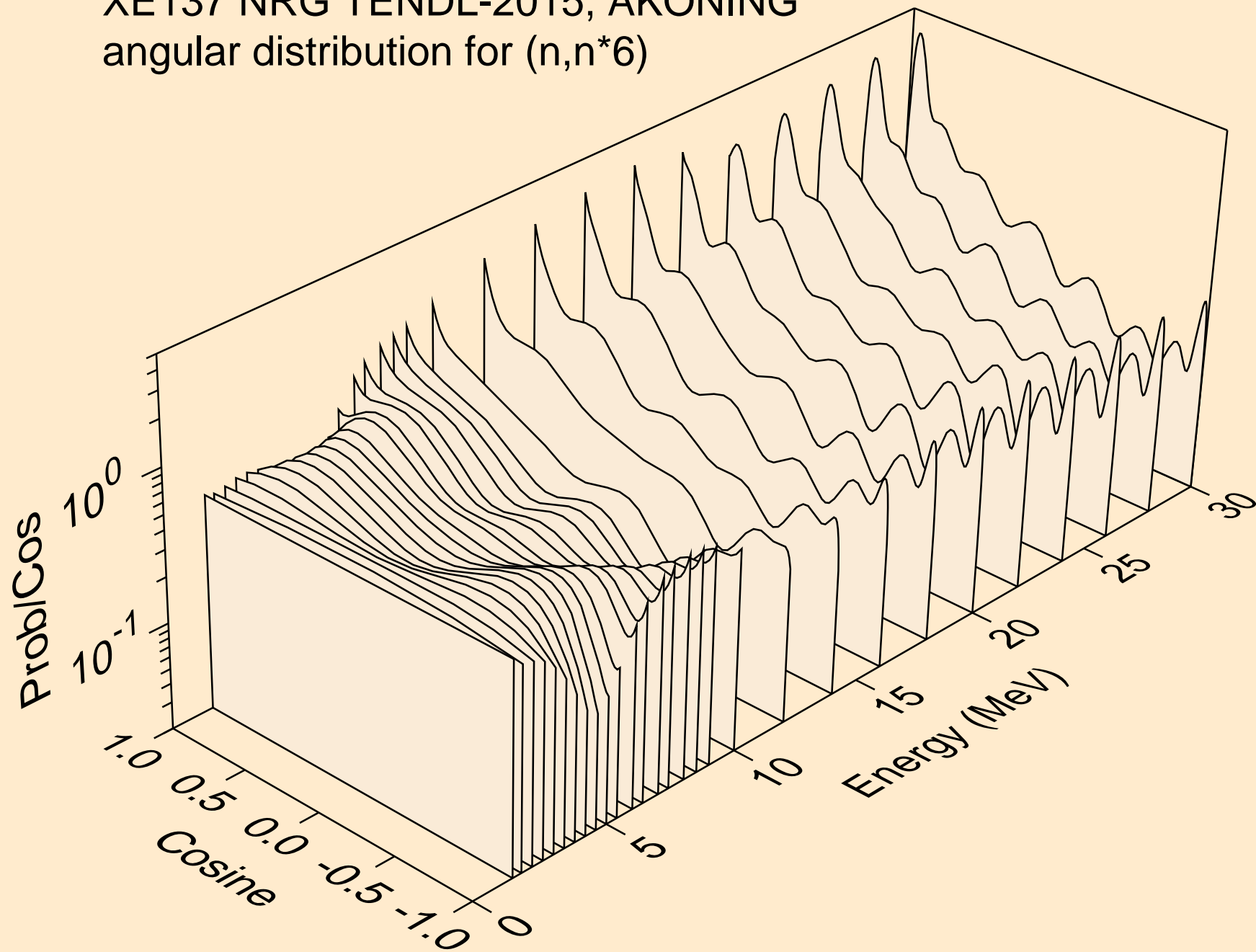
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



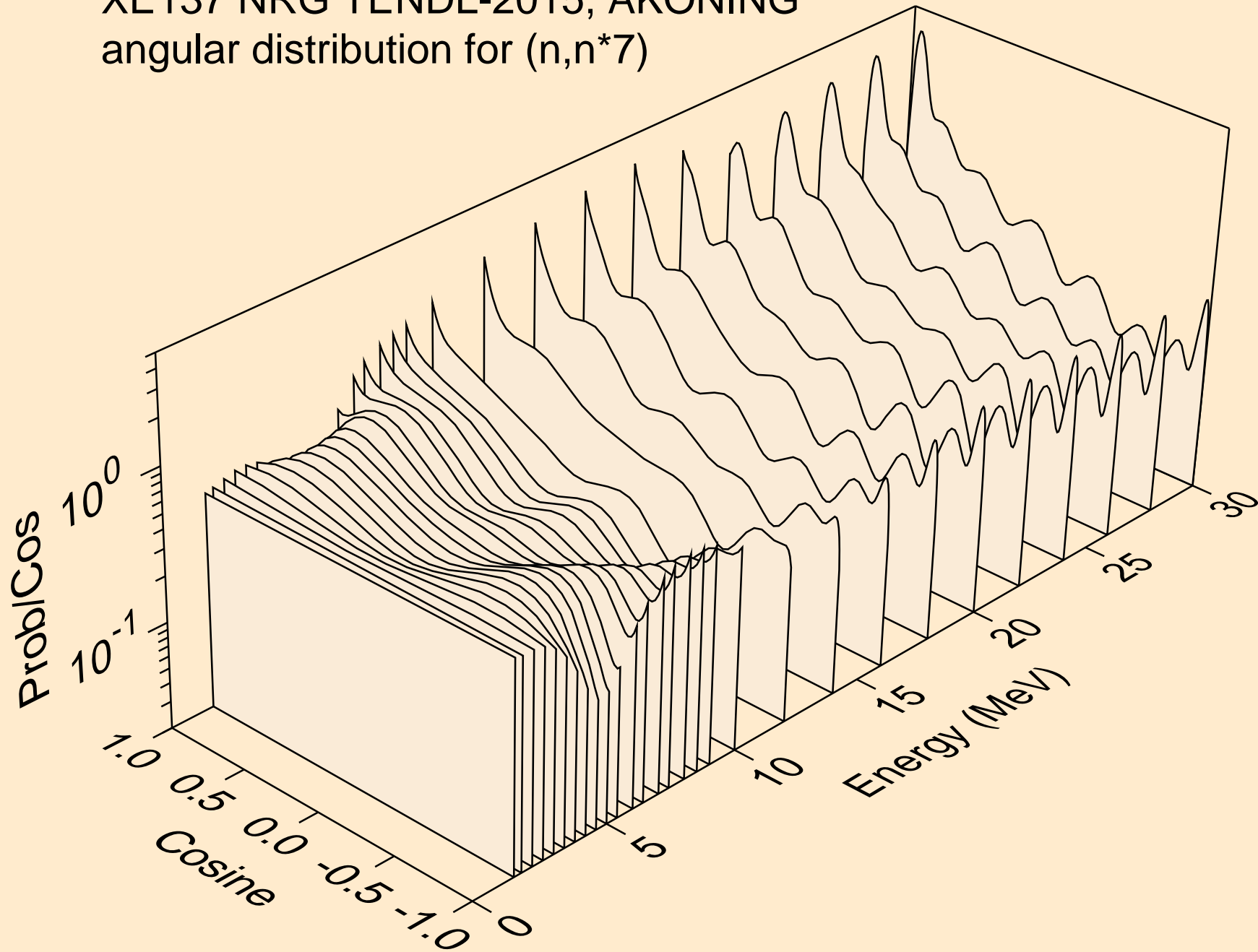
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

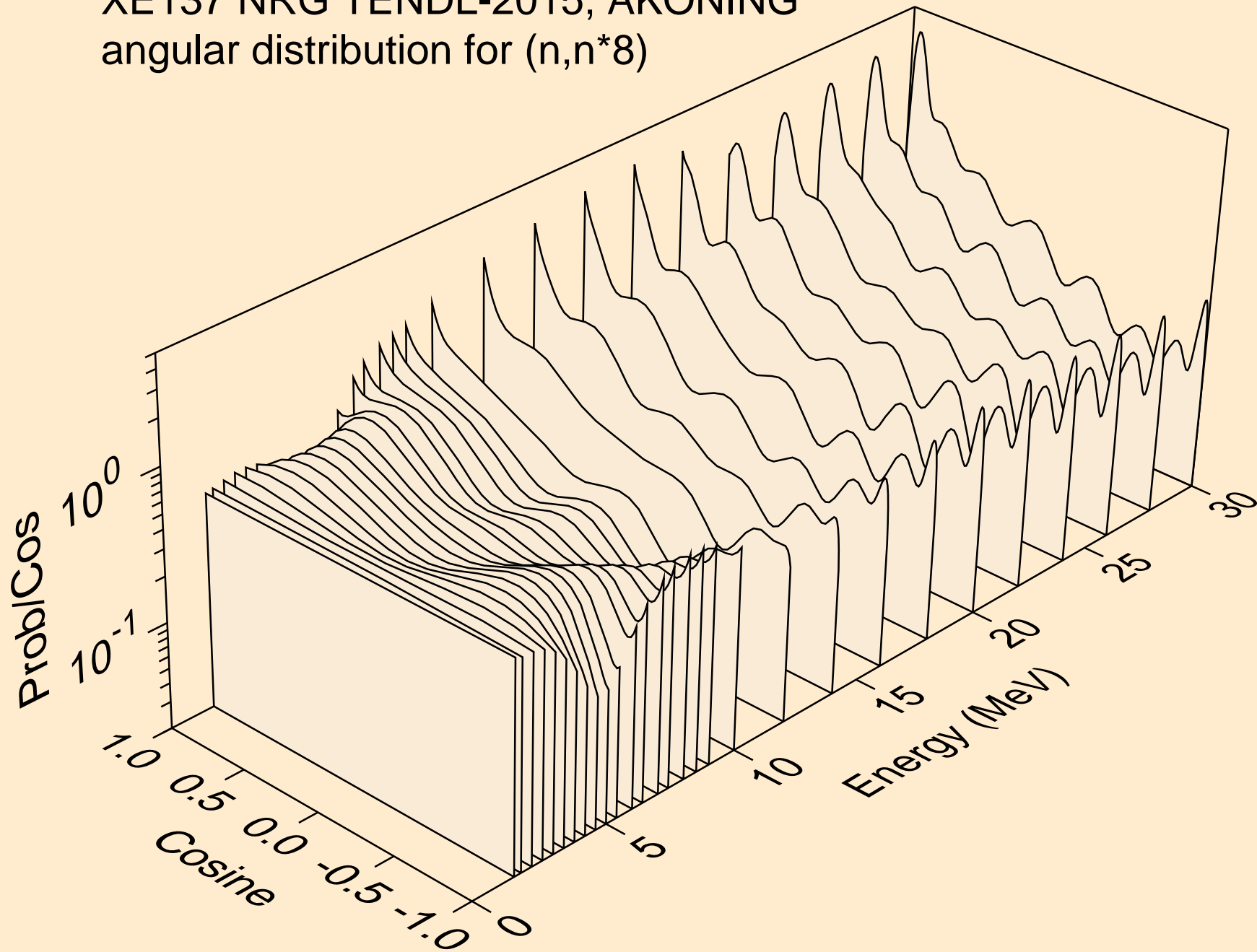


XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

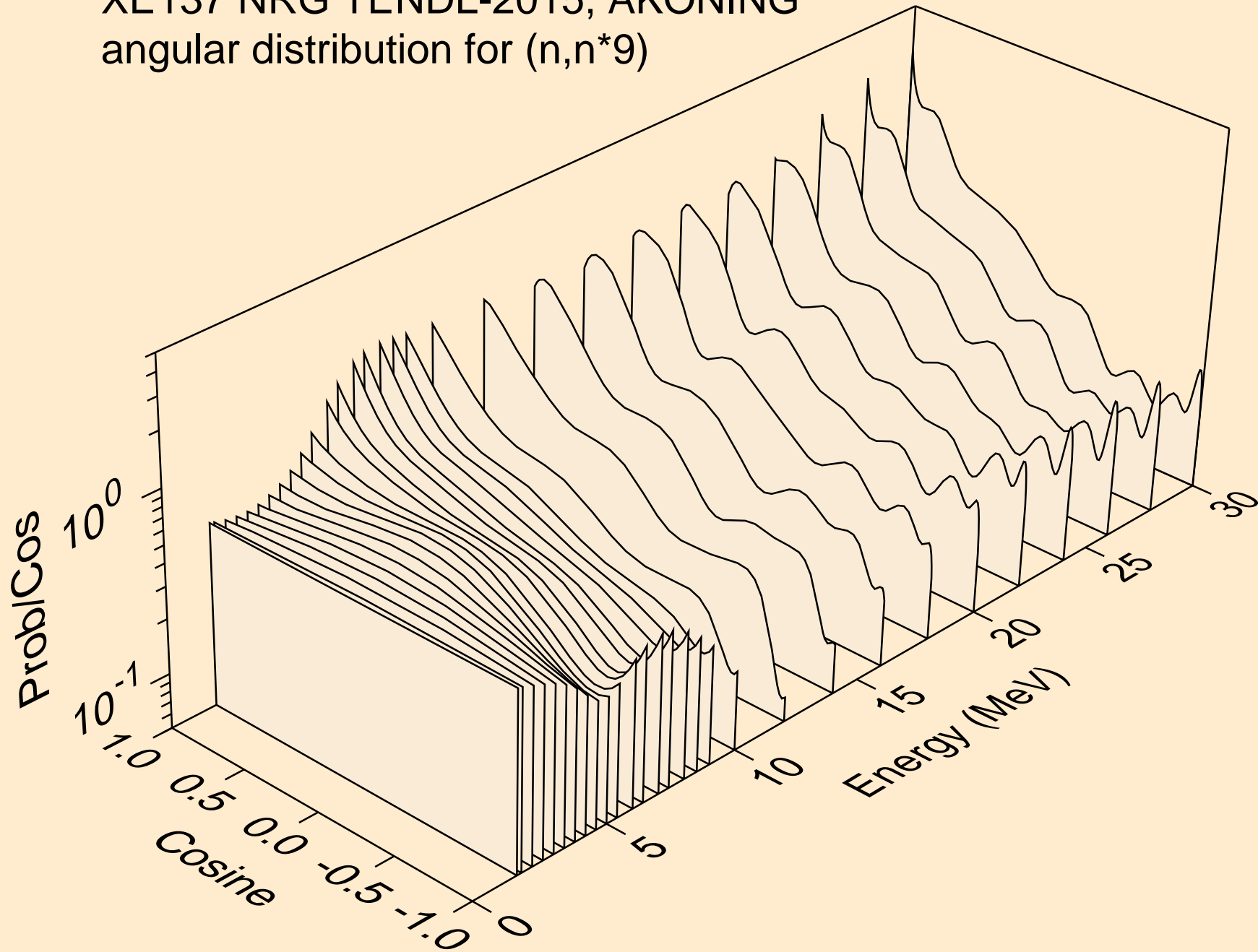




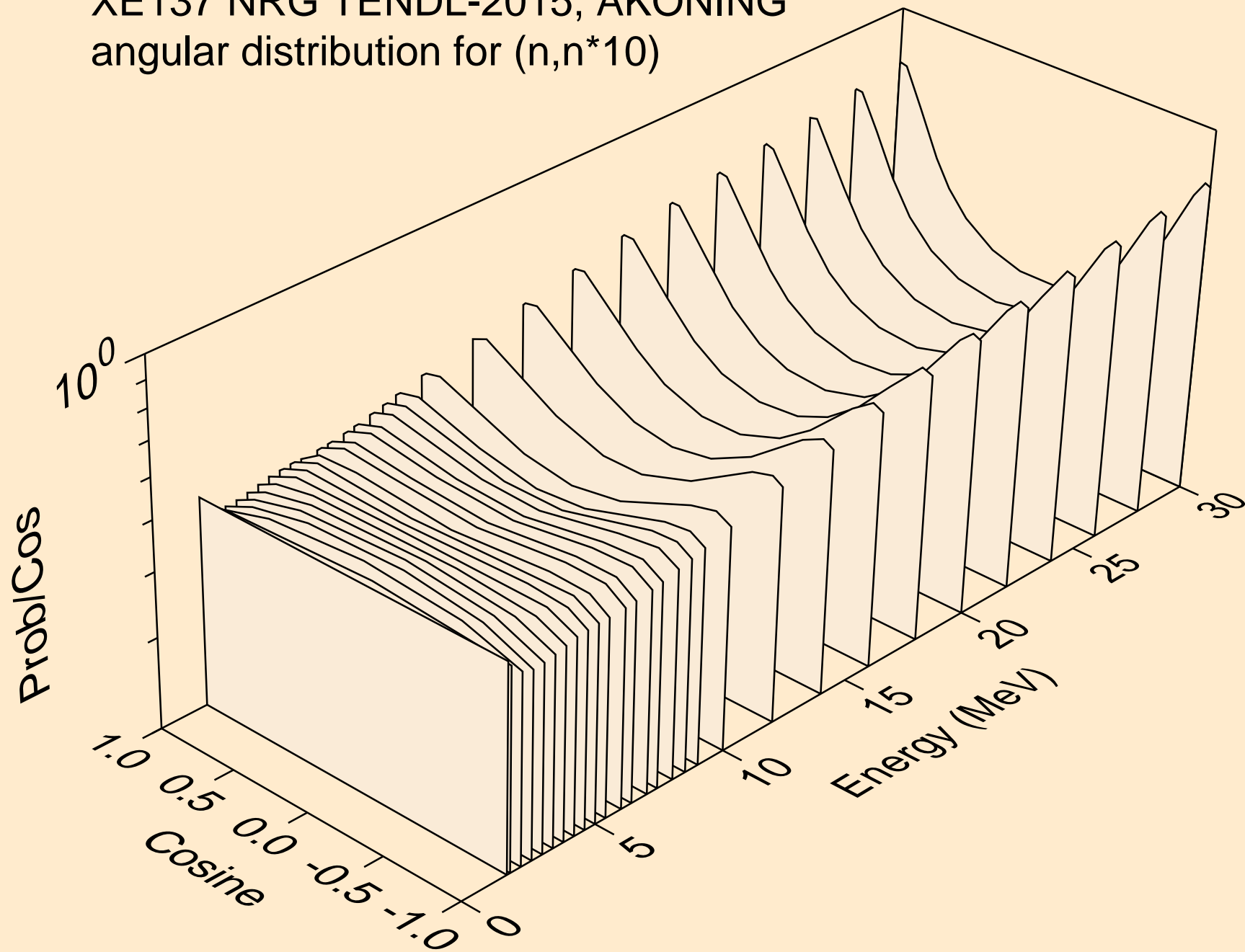
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



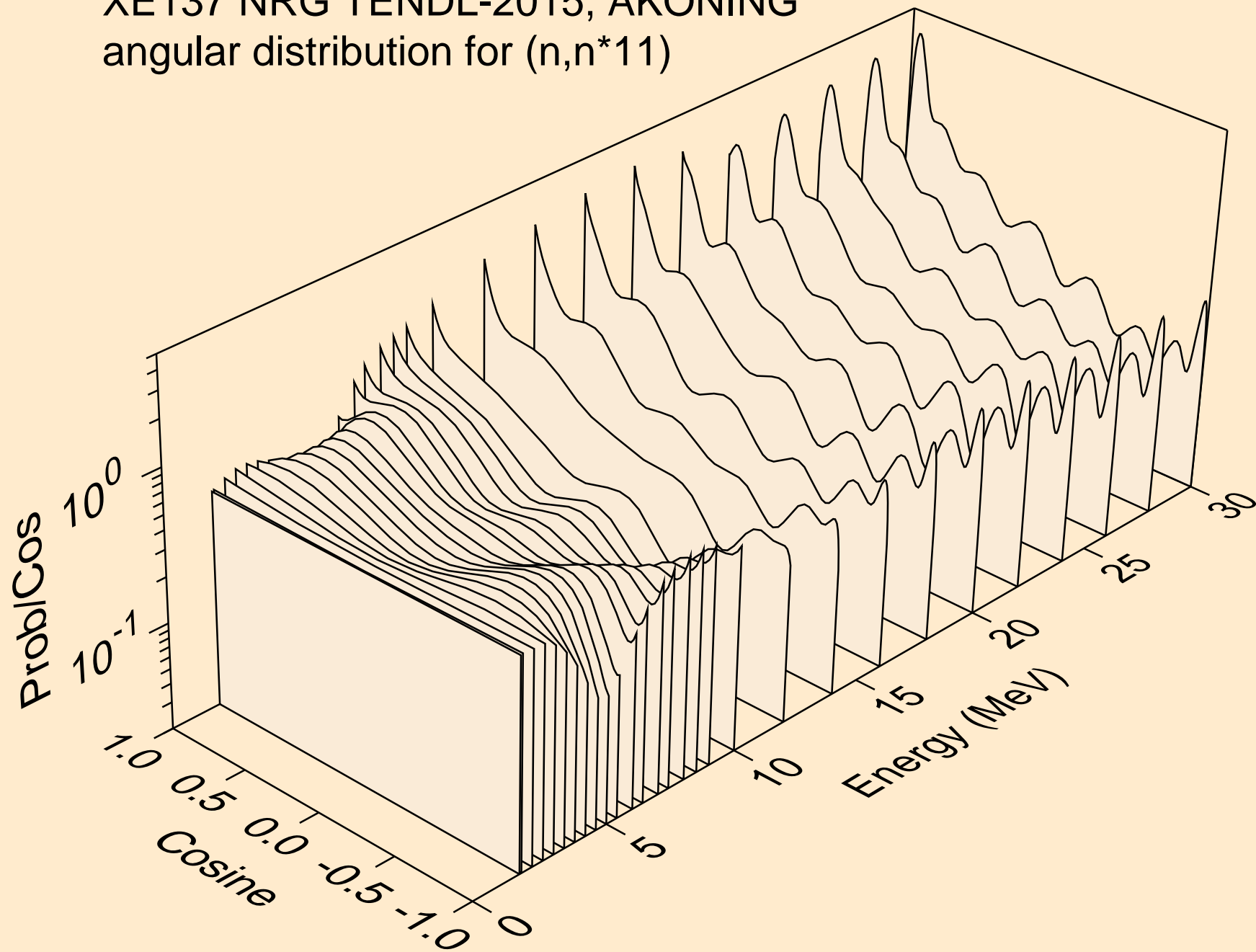
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angular distribution for (n,n\*9)



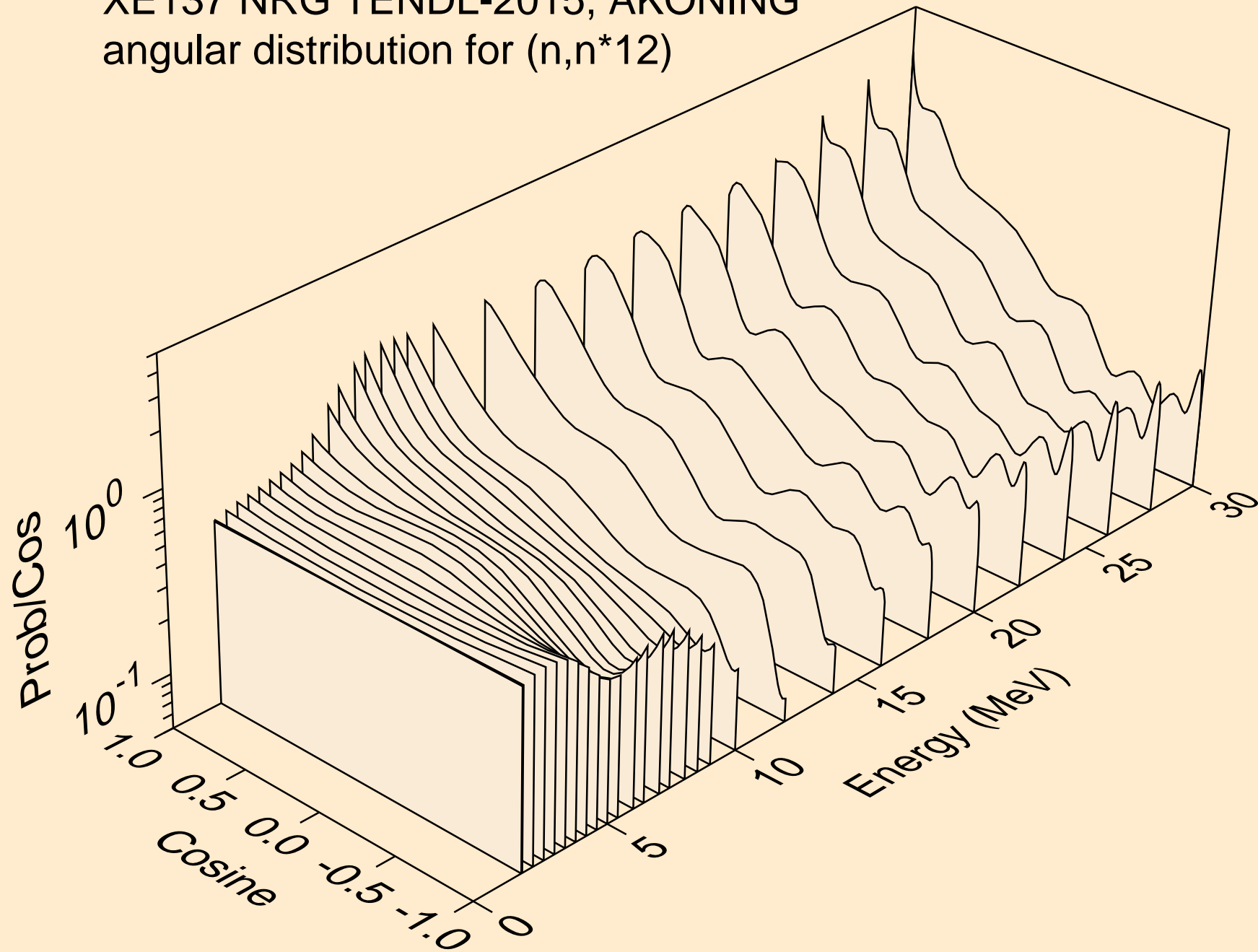
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angular distribution for (n,n\*10)



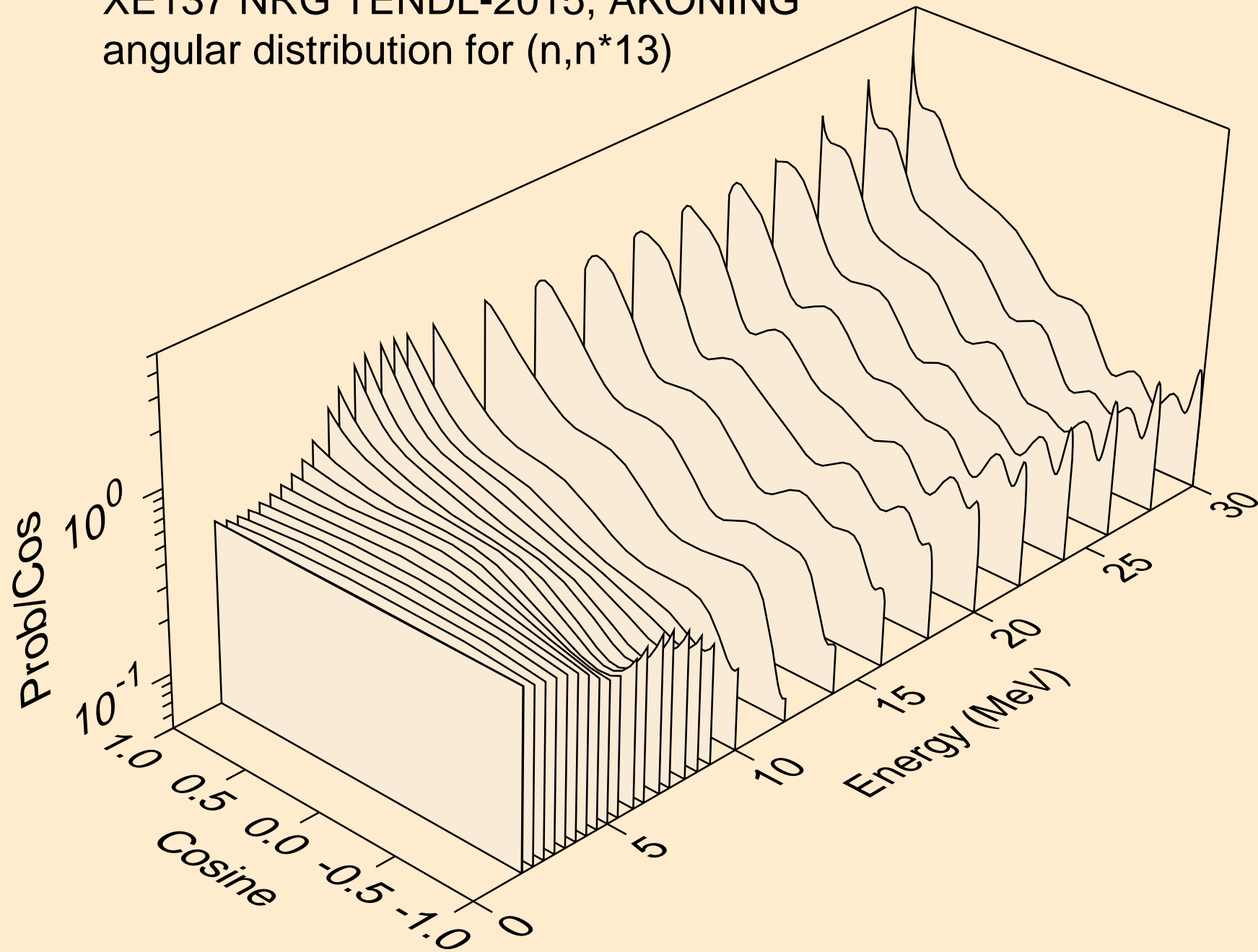
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angular distribution for (n,n\*11)



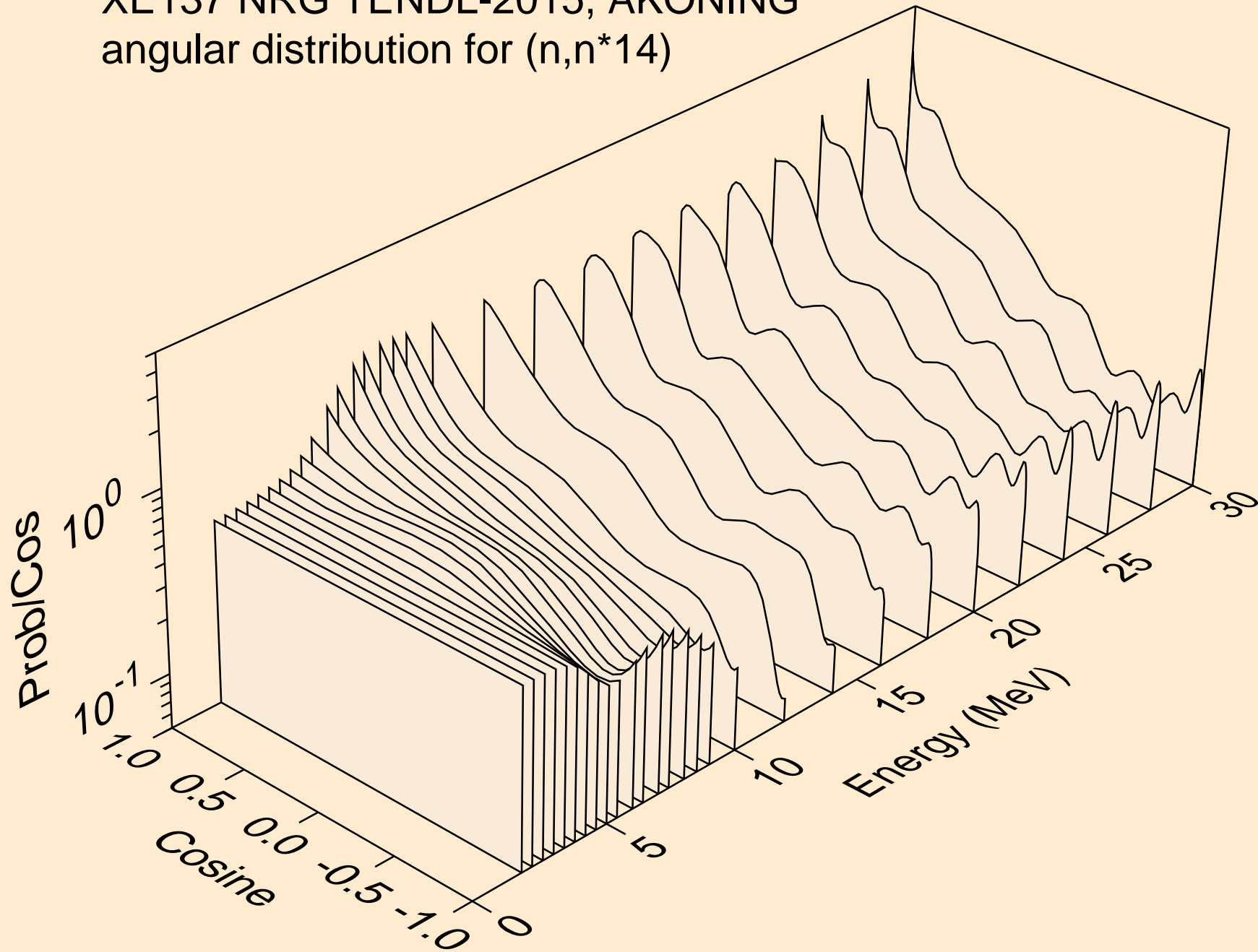
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angular distribution for (n,n\*12)



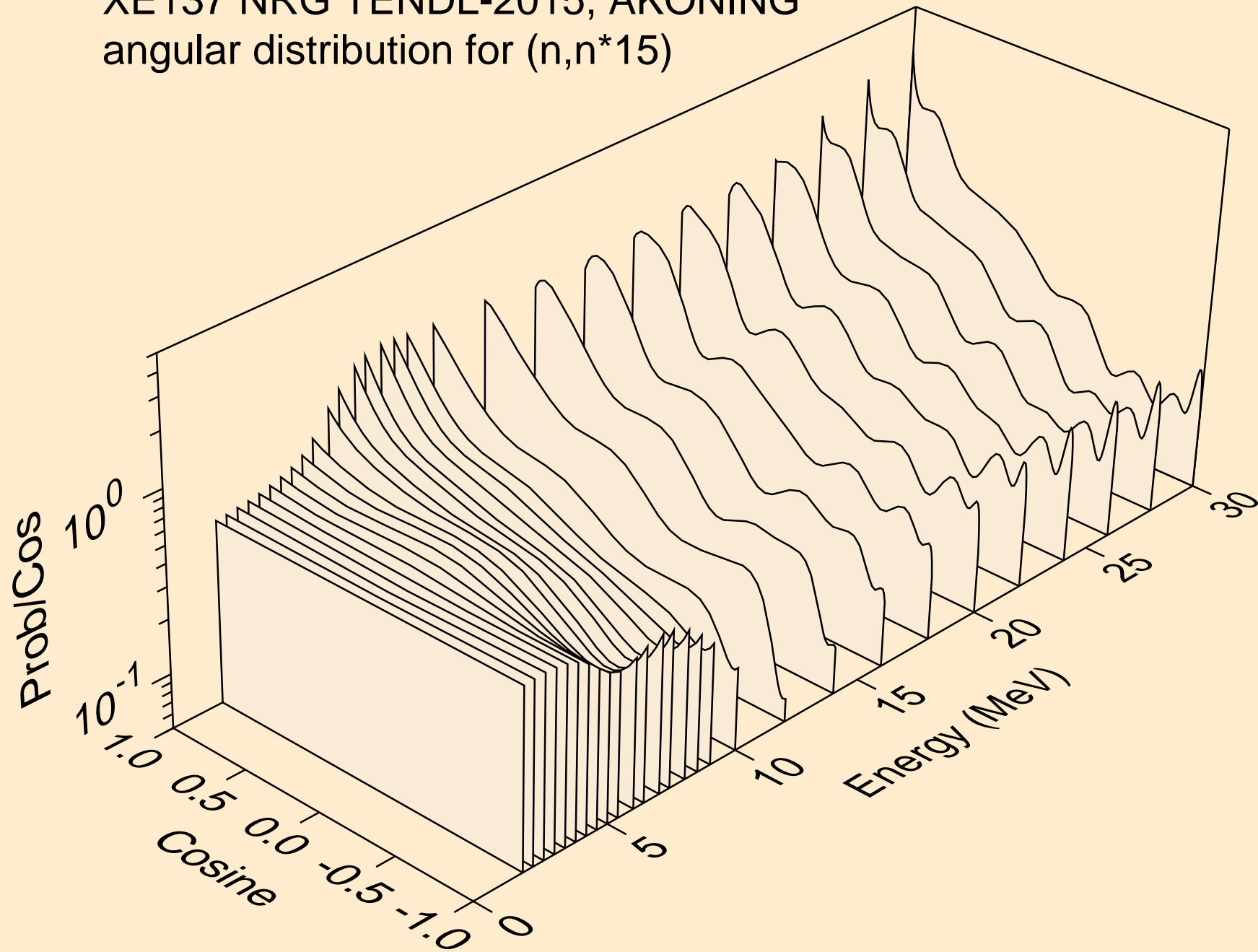
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

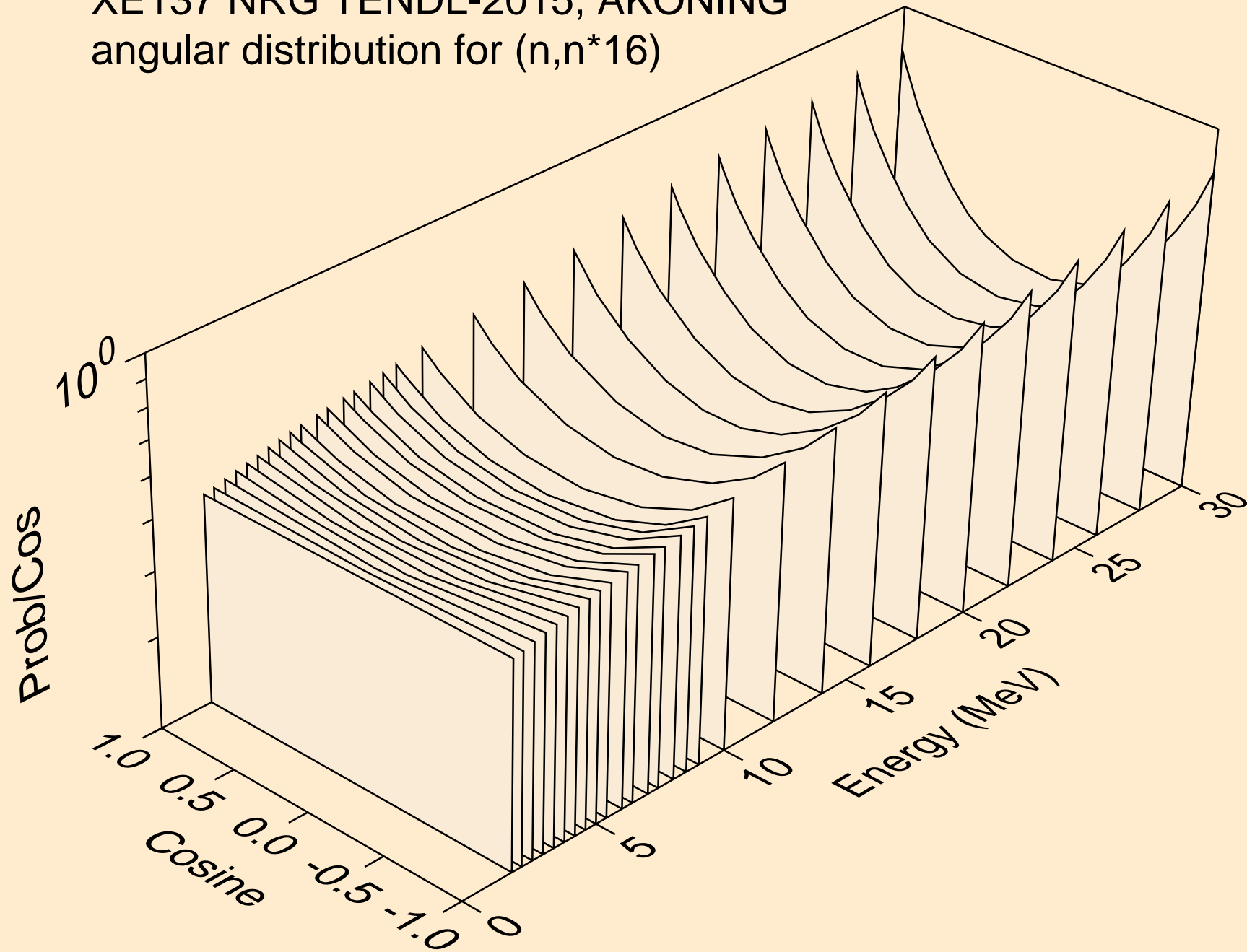


XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

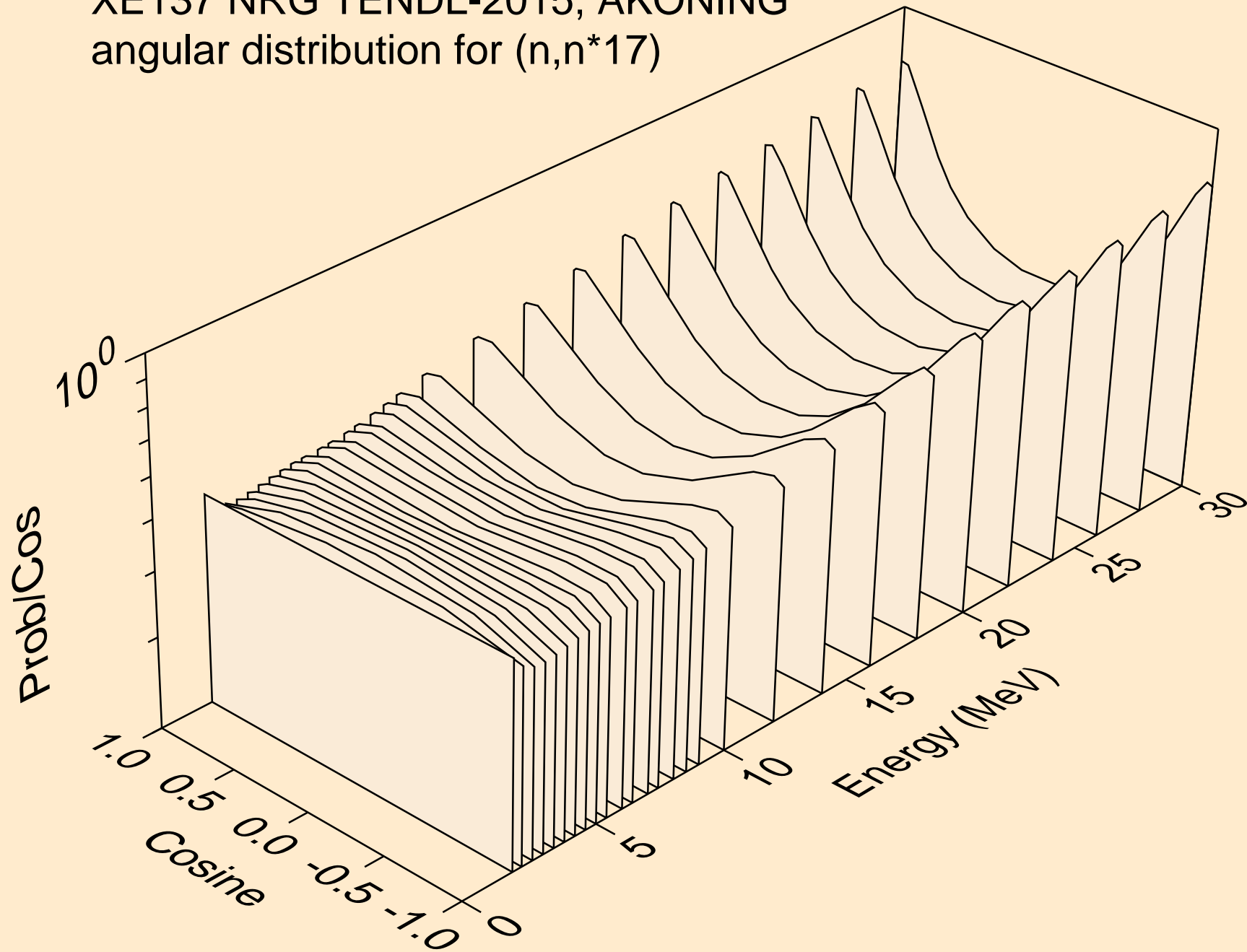




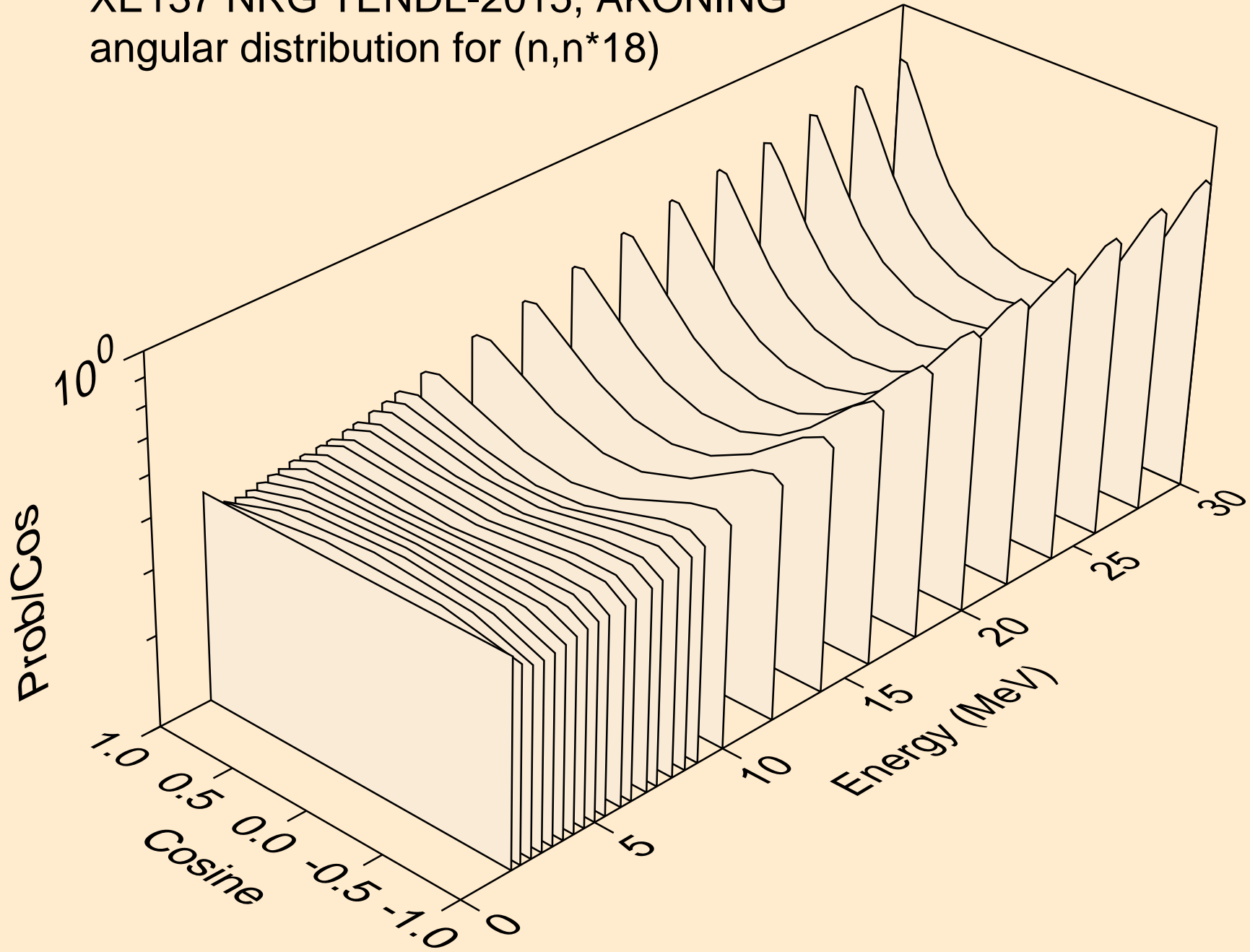
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angular distribution for (n,n\*16)



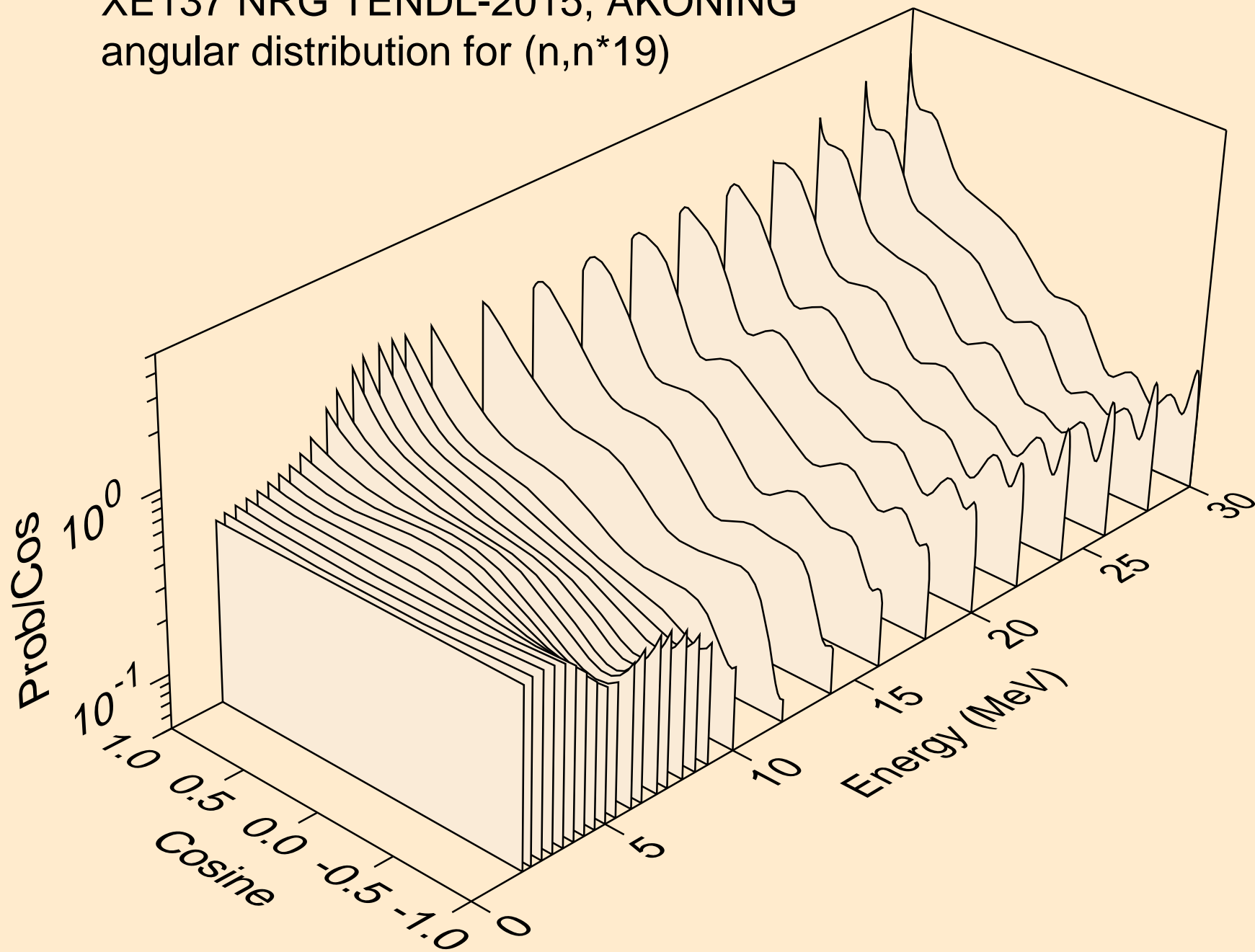
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angular distribution for (n,n\*17)



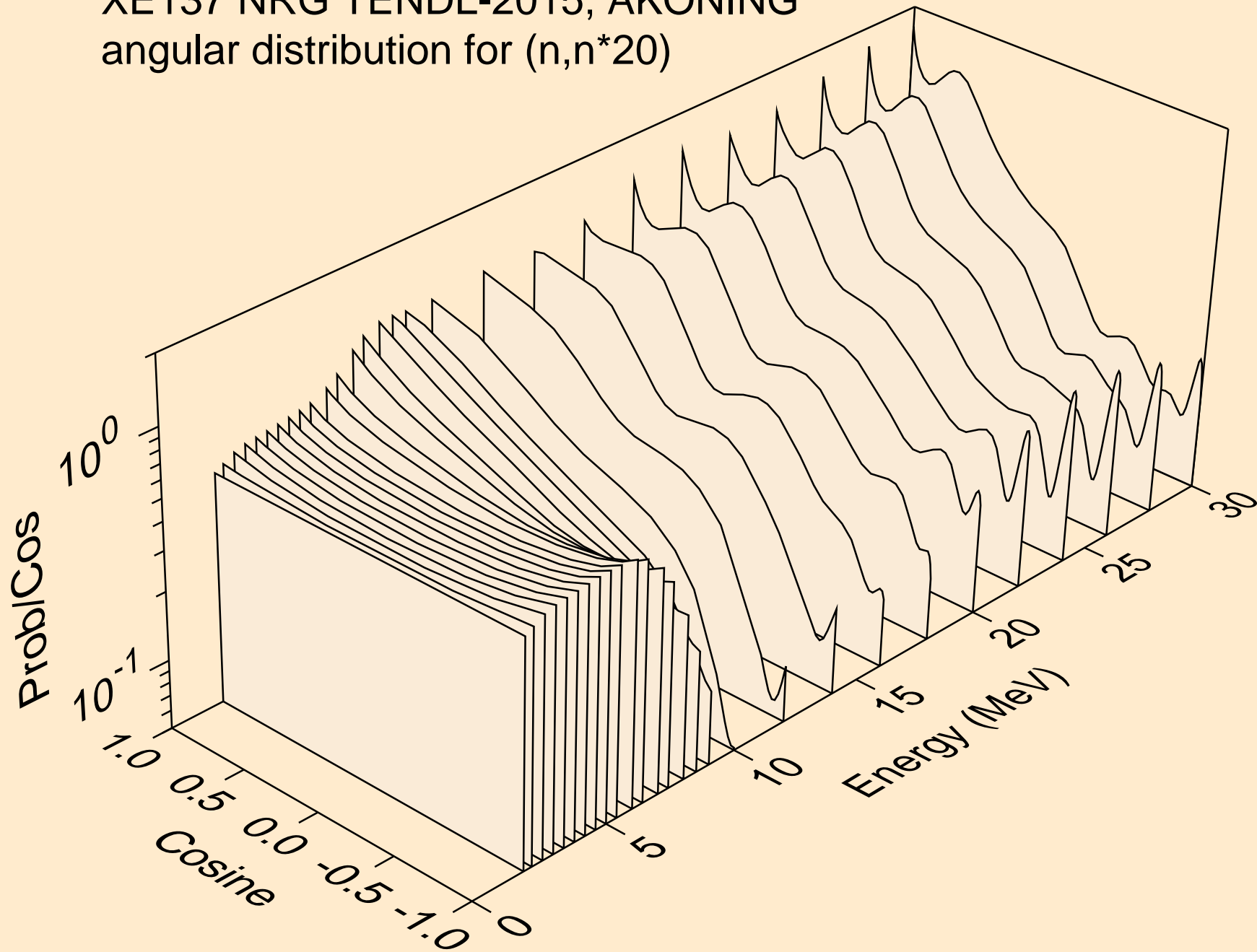
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angular distribution for (n,n\*18)



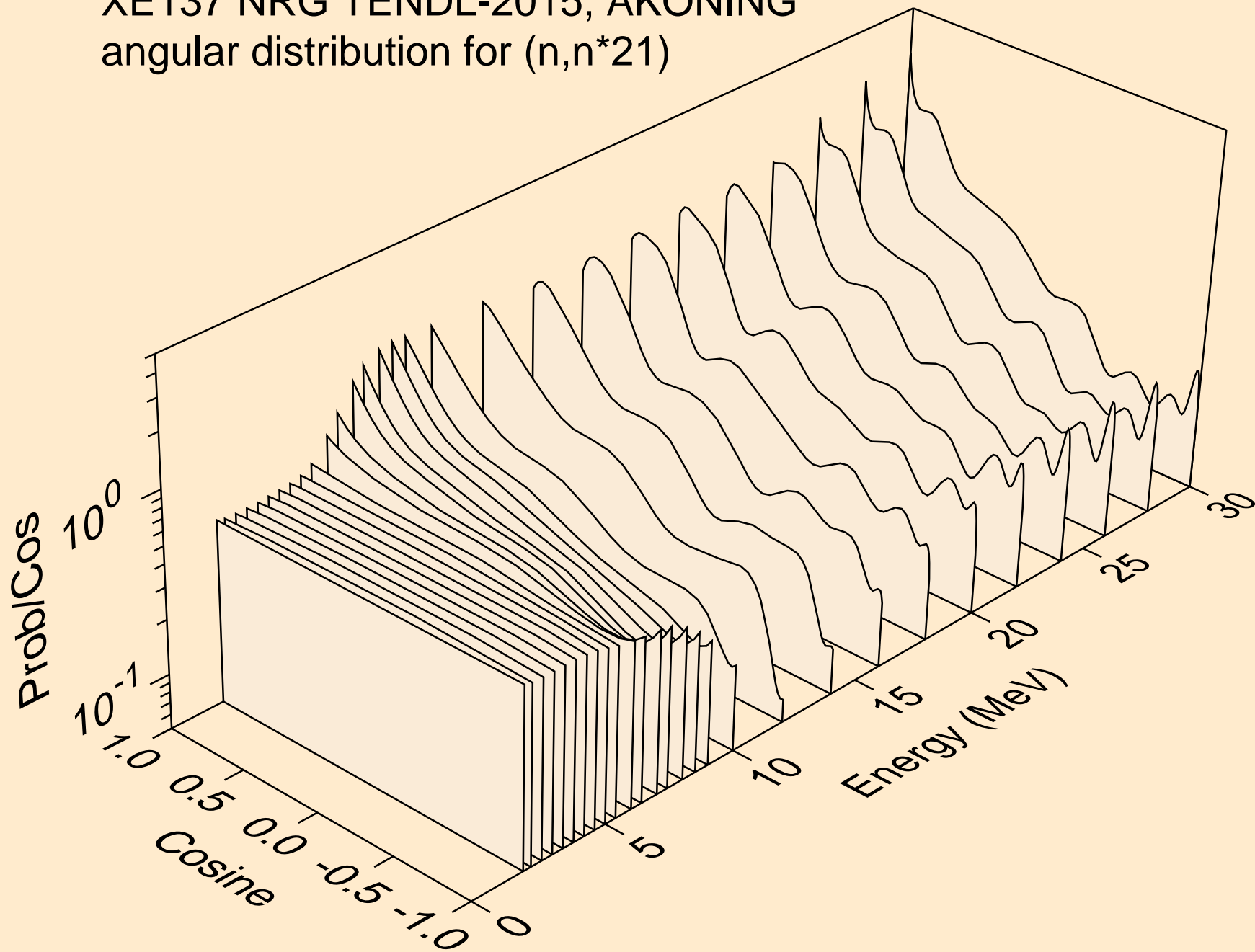
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angular distribution for (n,n\*19)



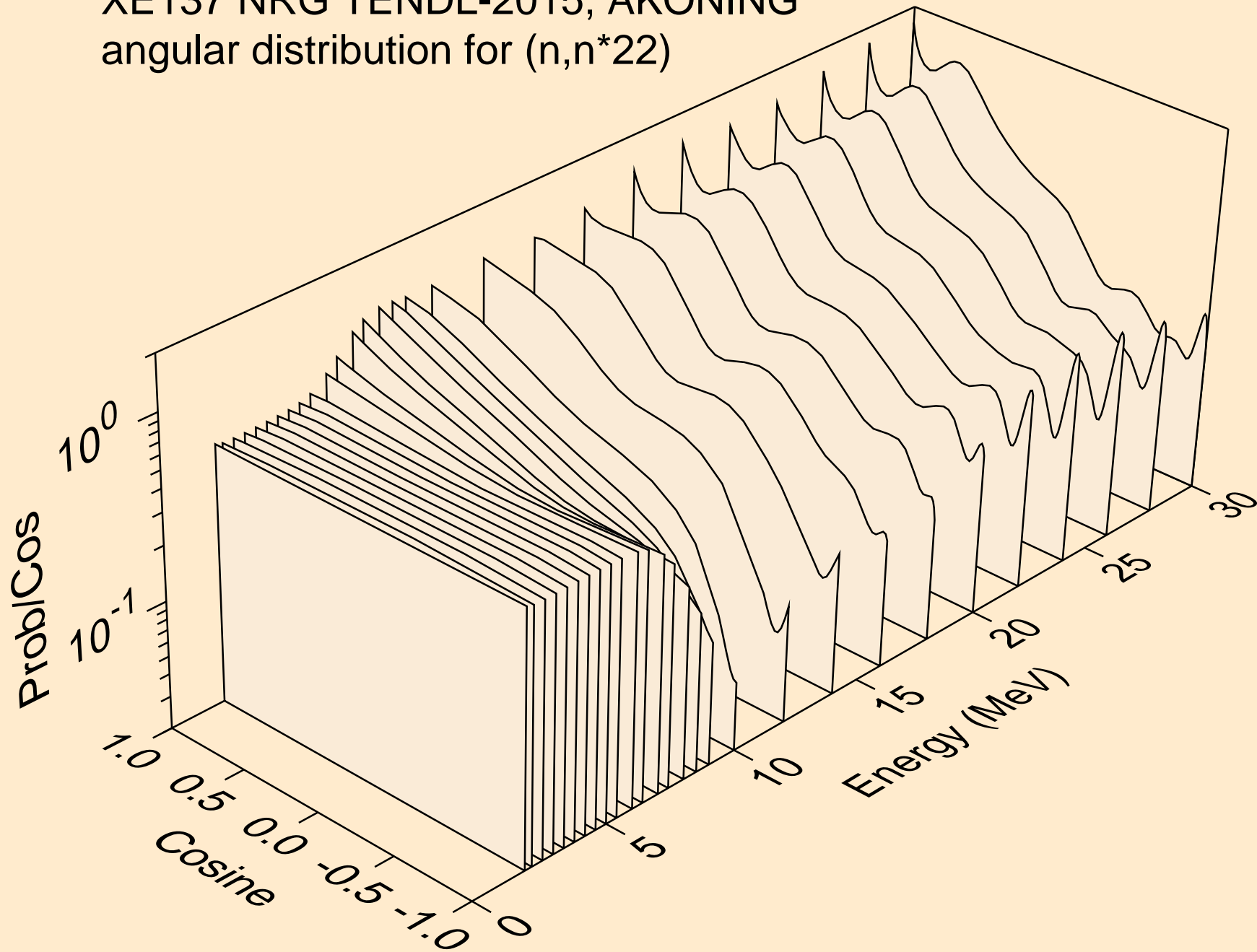
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angular distribution for (n,n\*20)



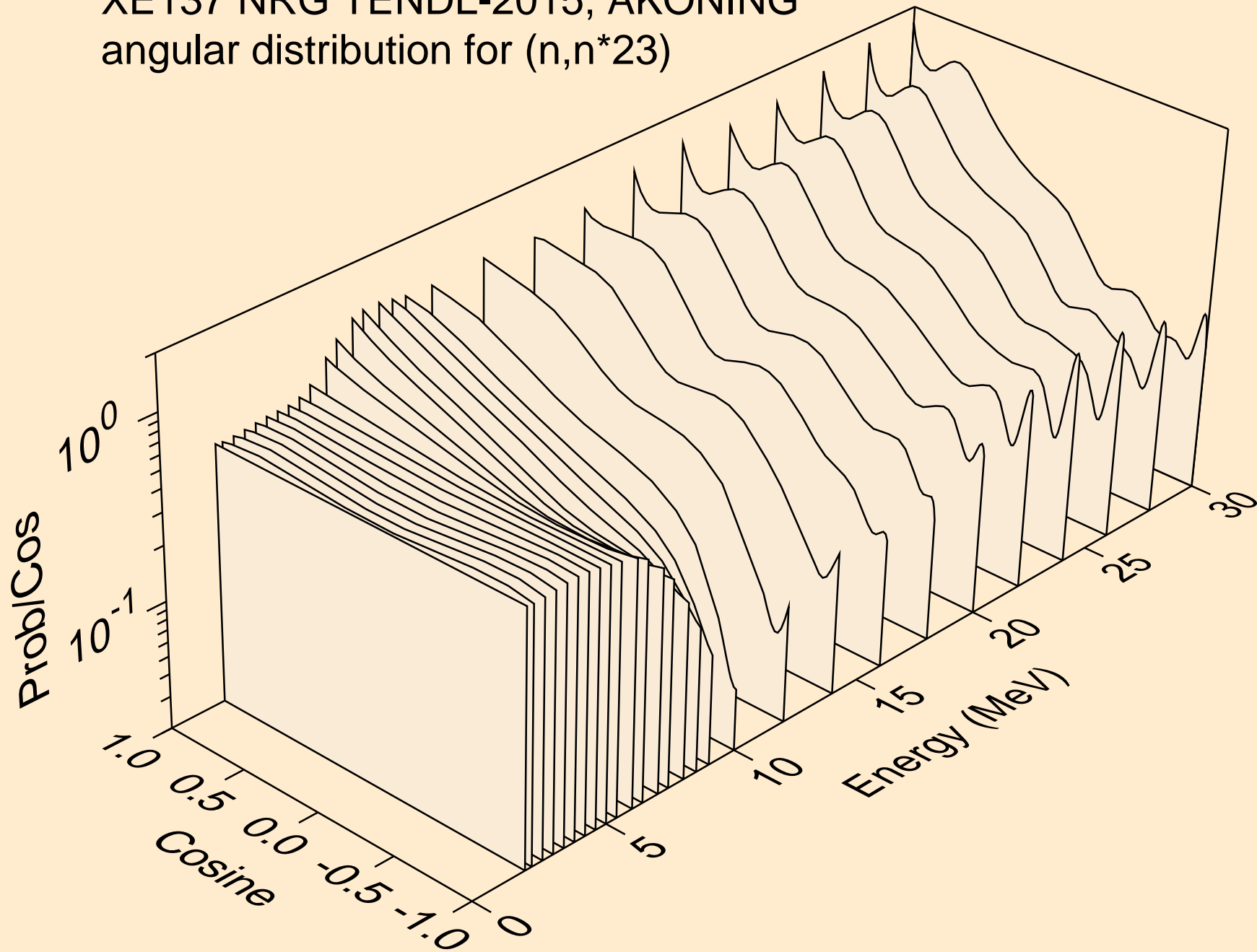
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

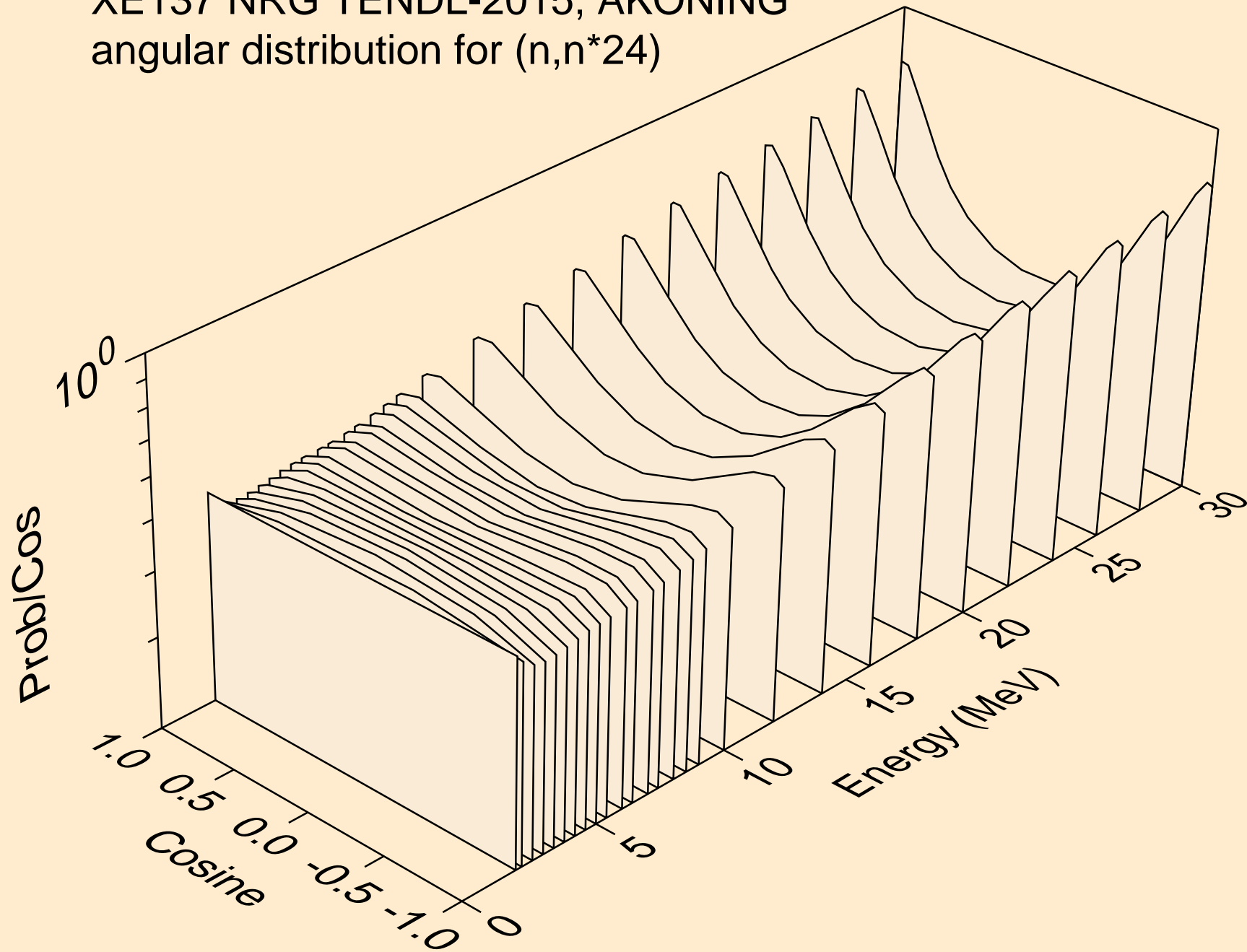


XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

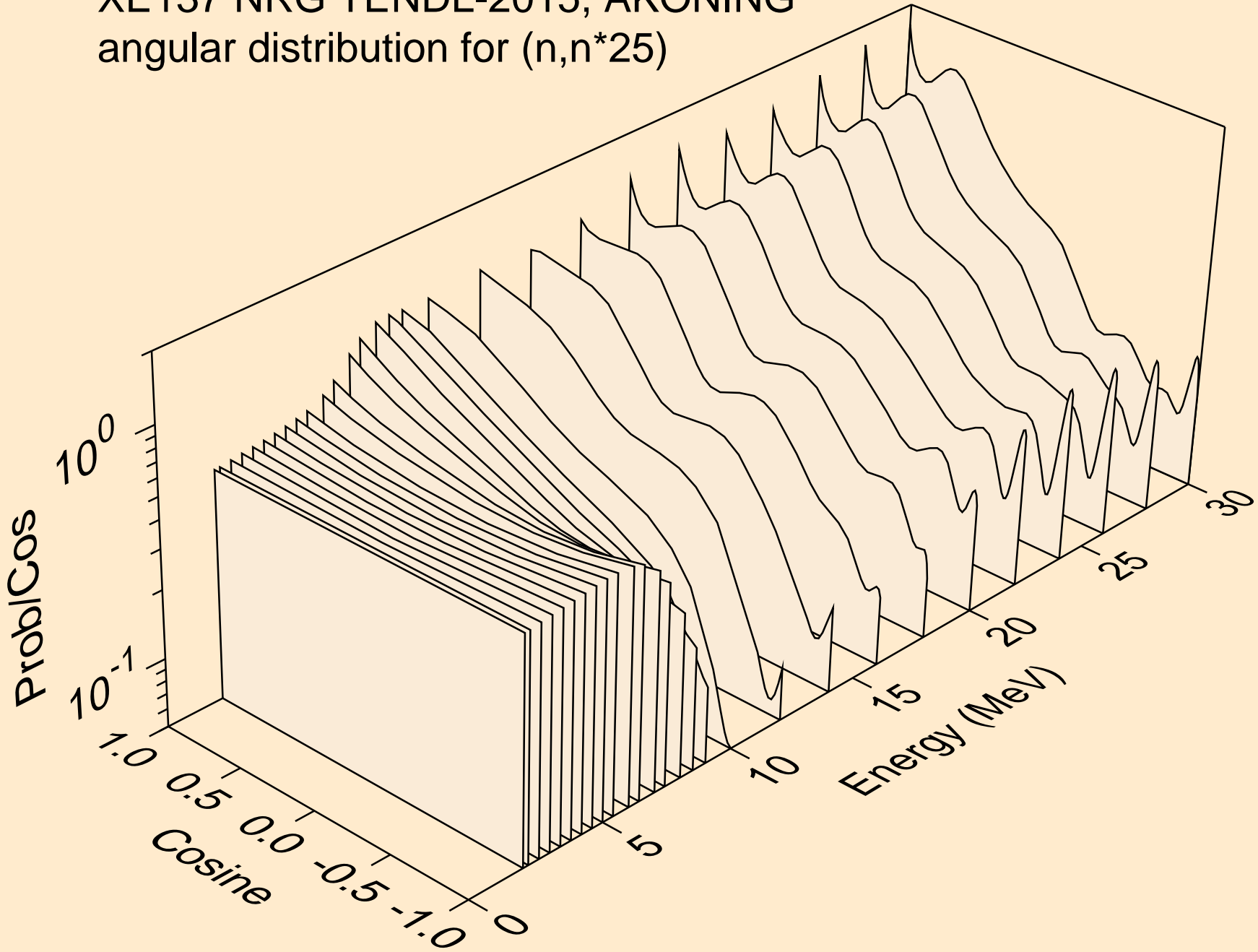




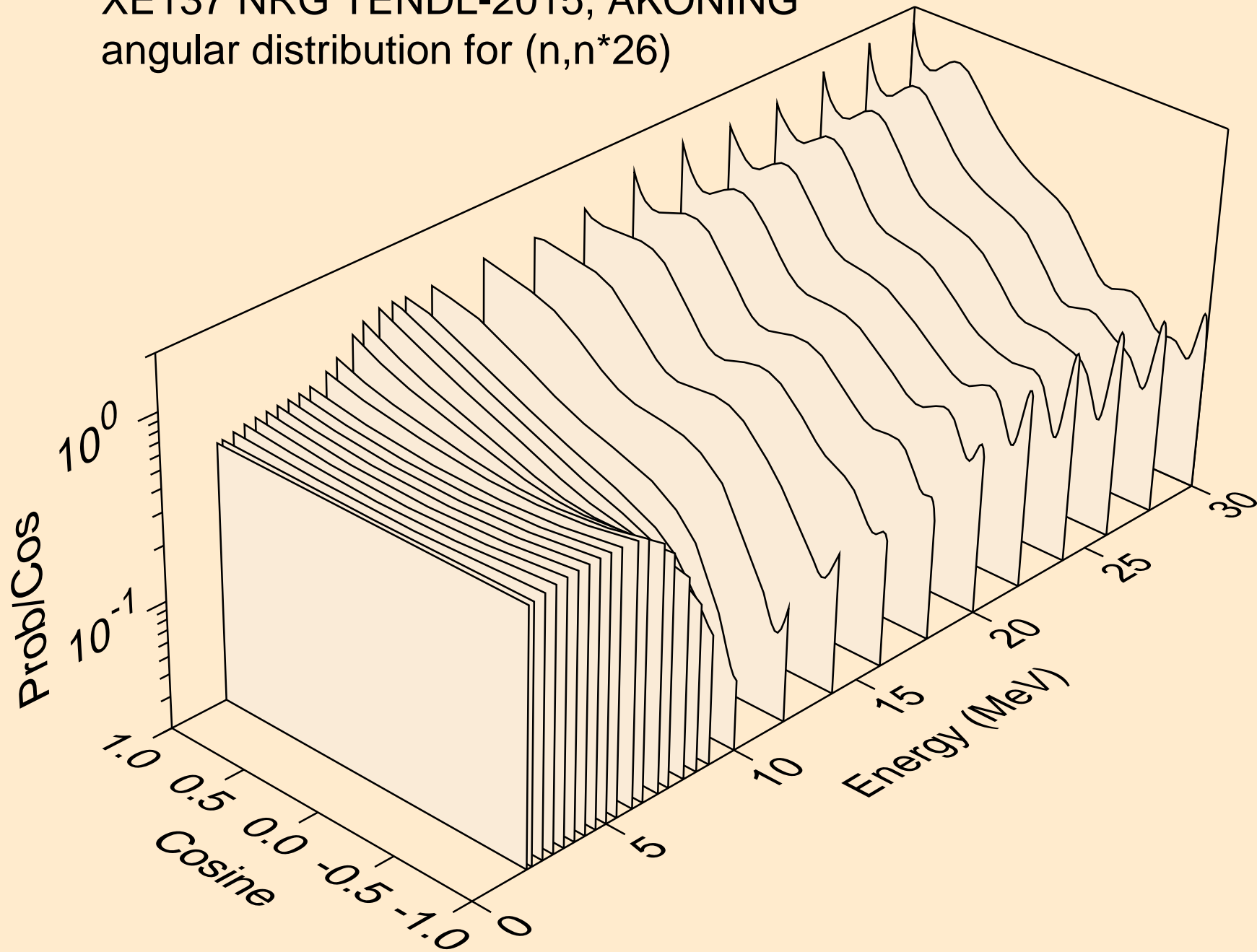
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



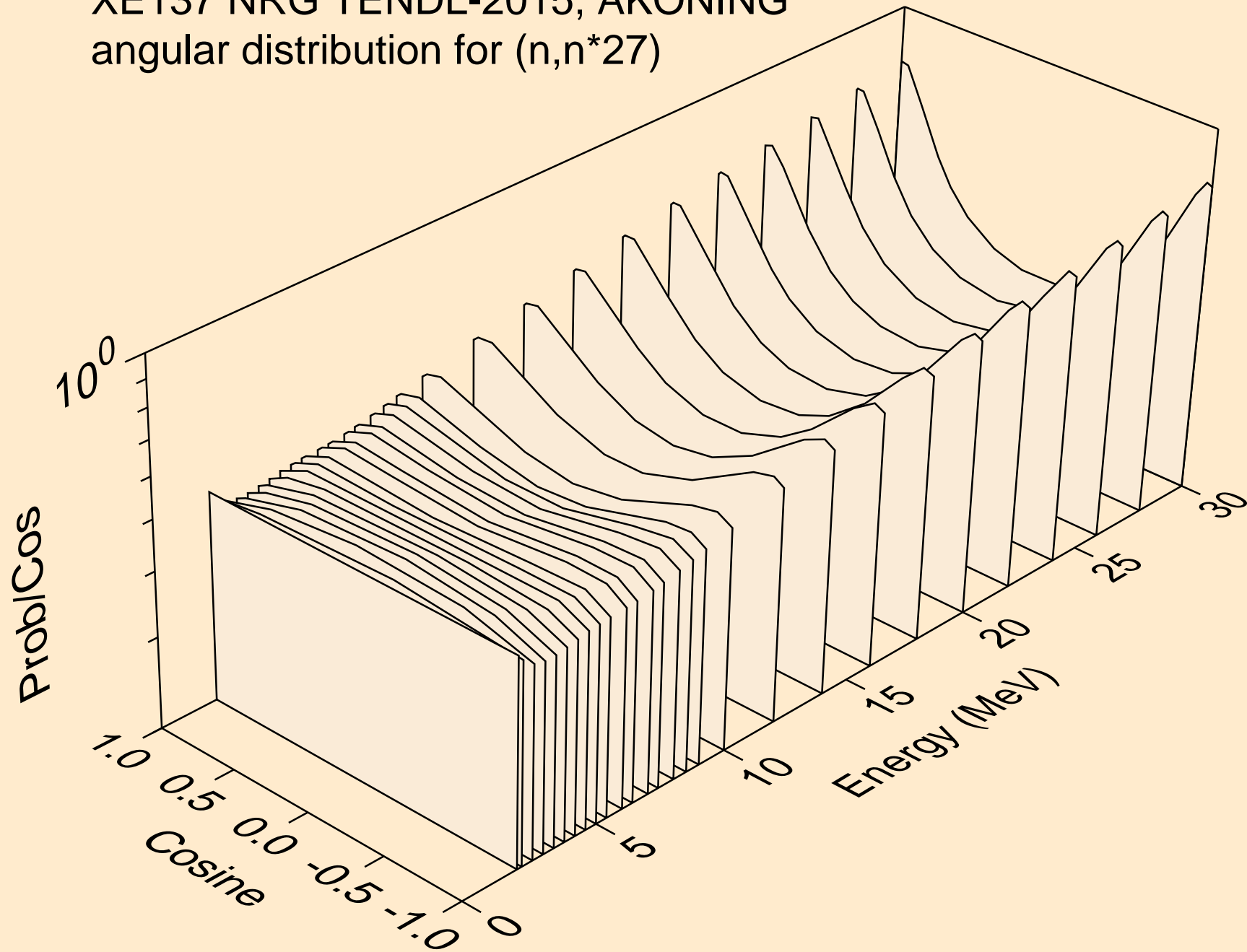
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angular distribution for (n,n\*25)



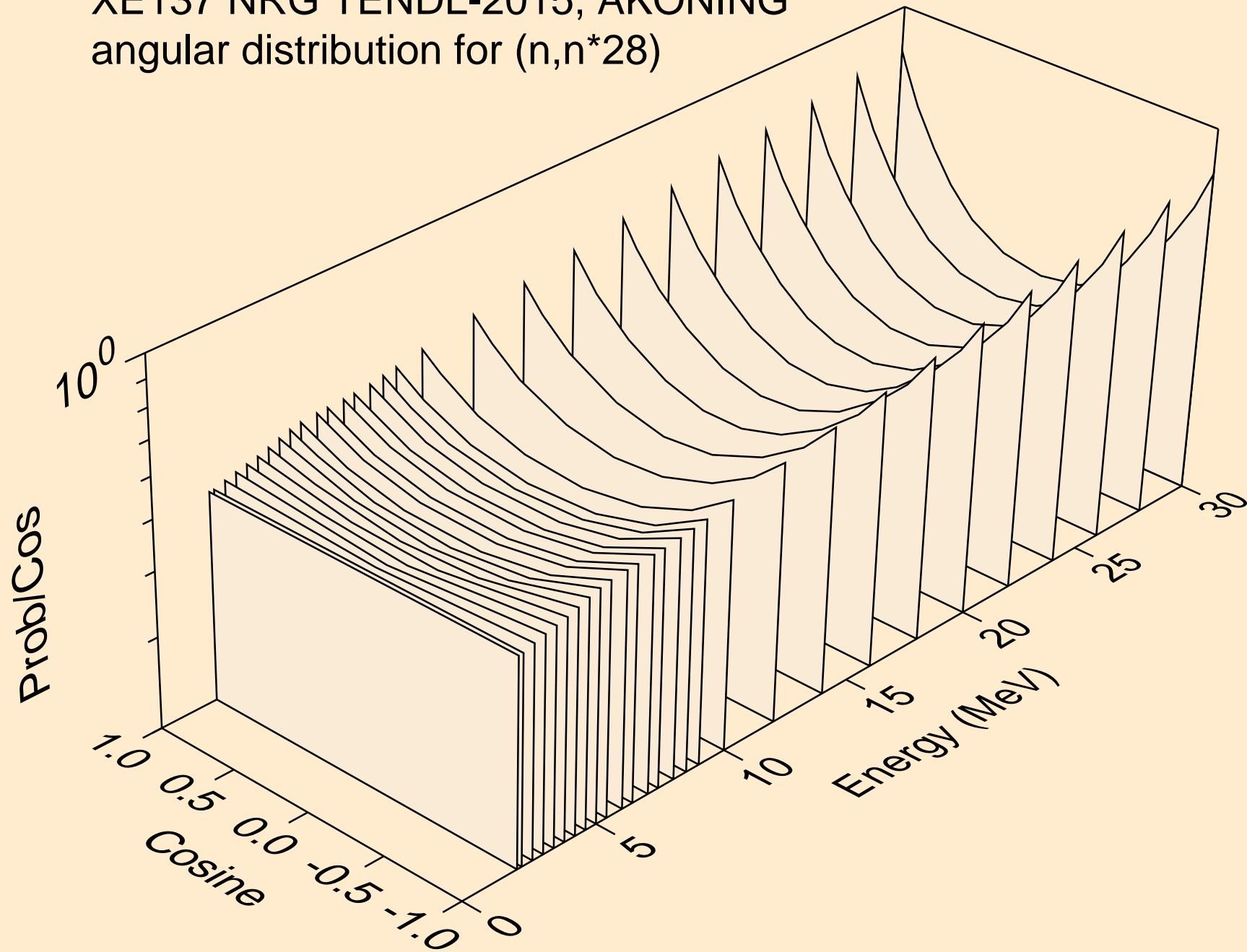
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angular distribution for (n,n\*26)



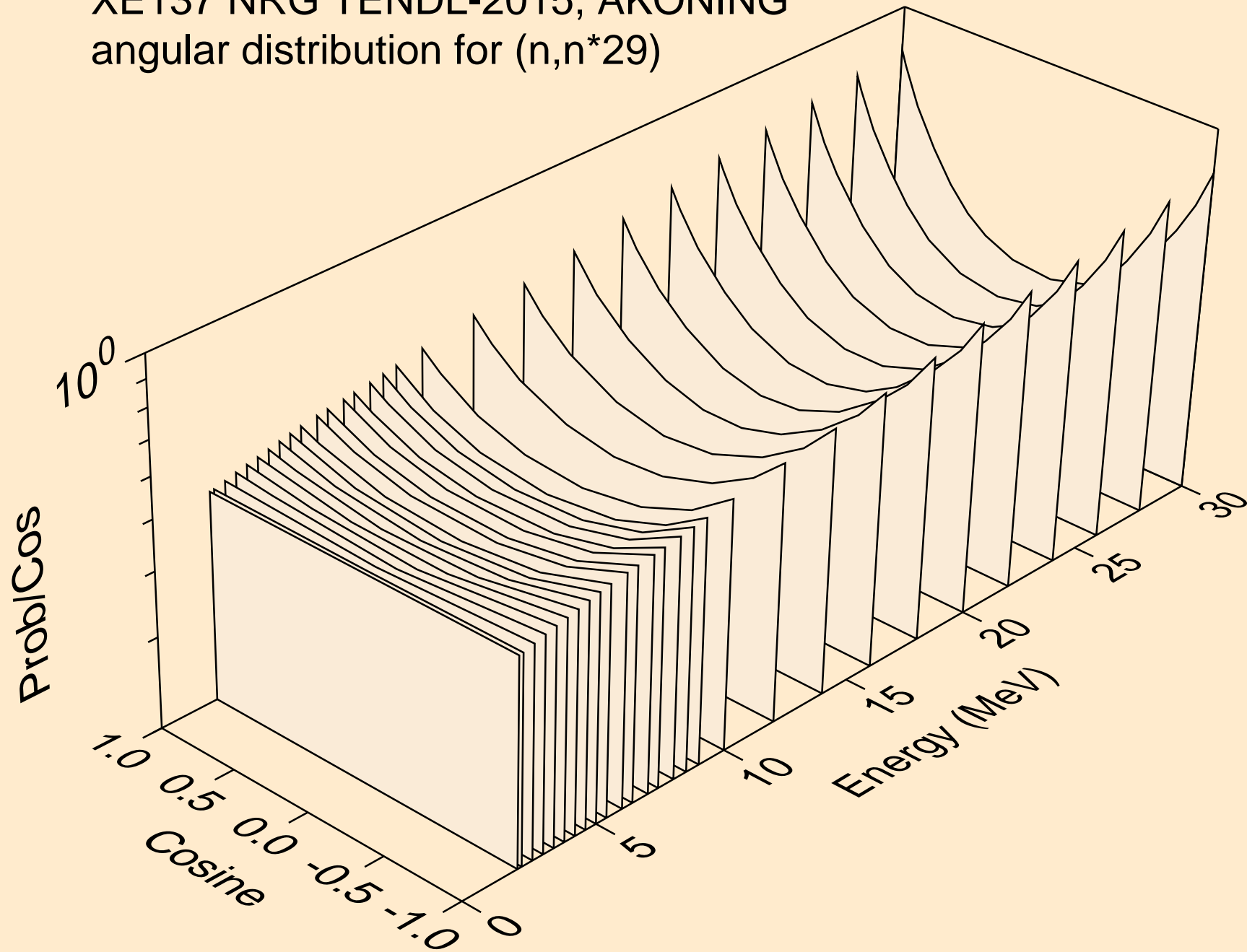
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angular distribution for (n,n\*27)



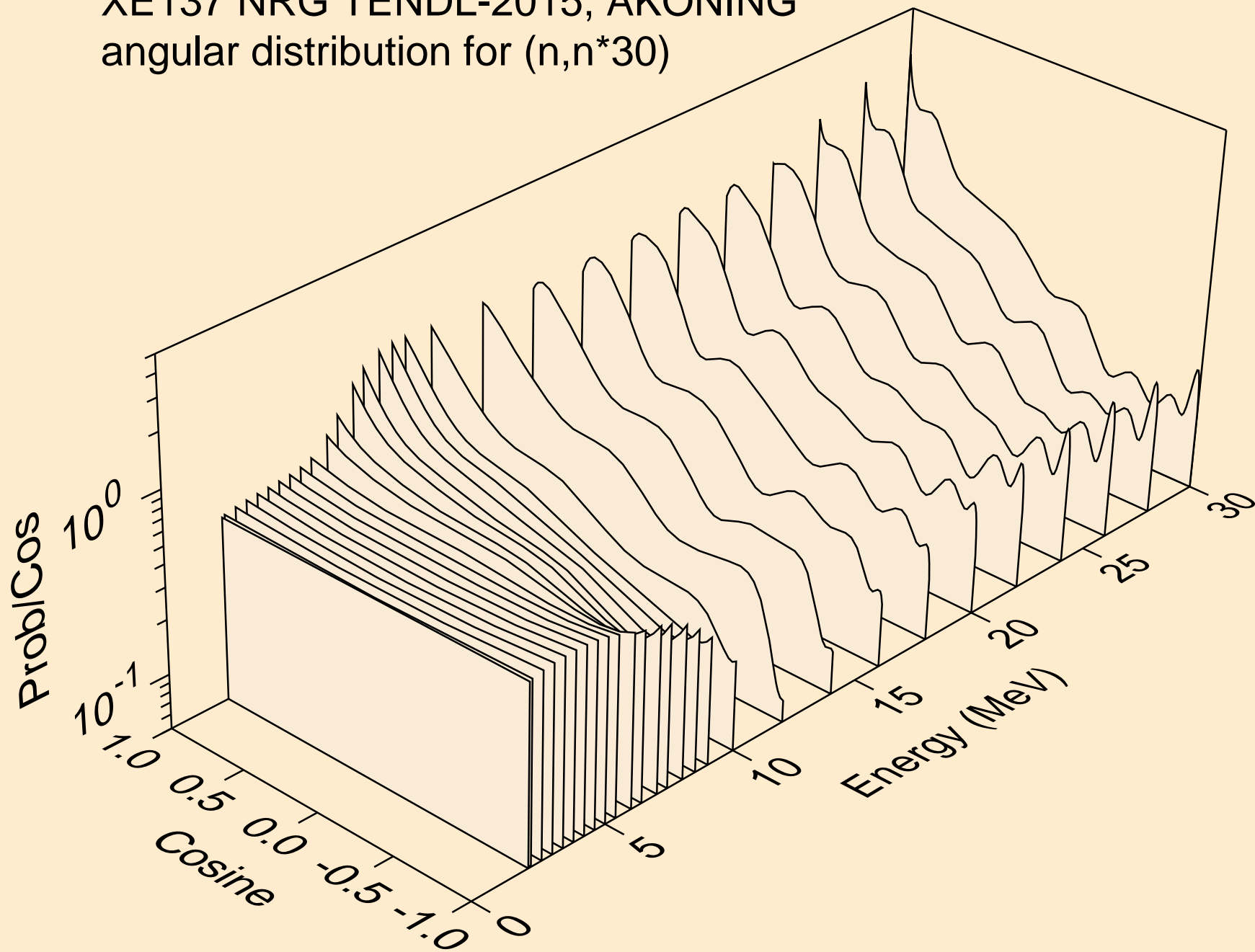
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angular distribution for (n,n\*28)



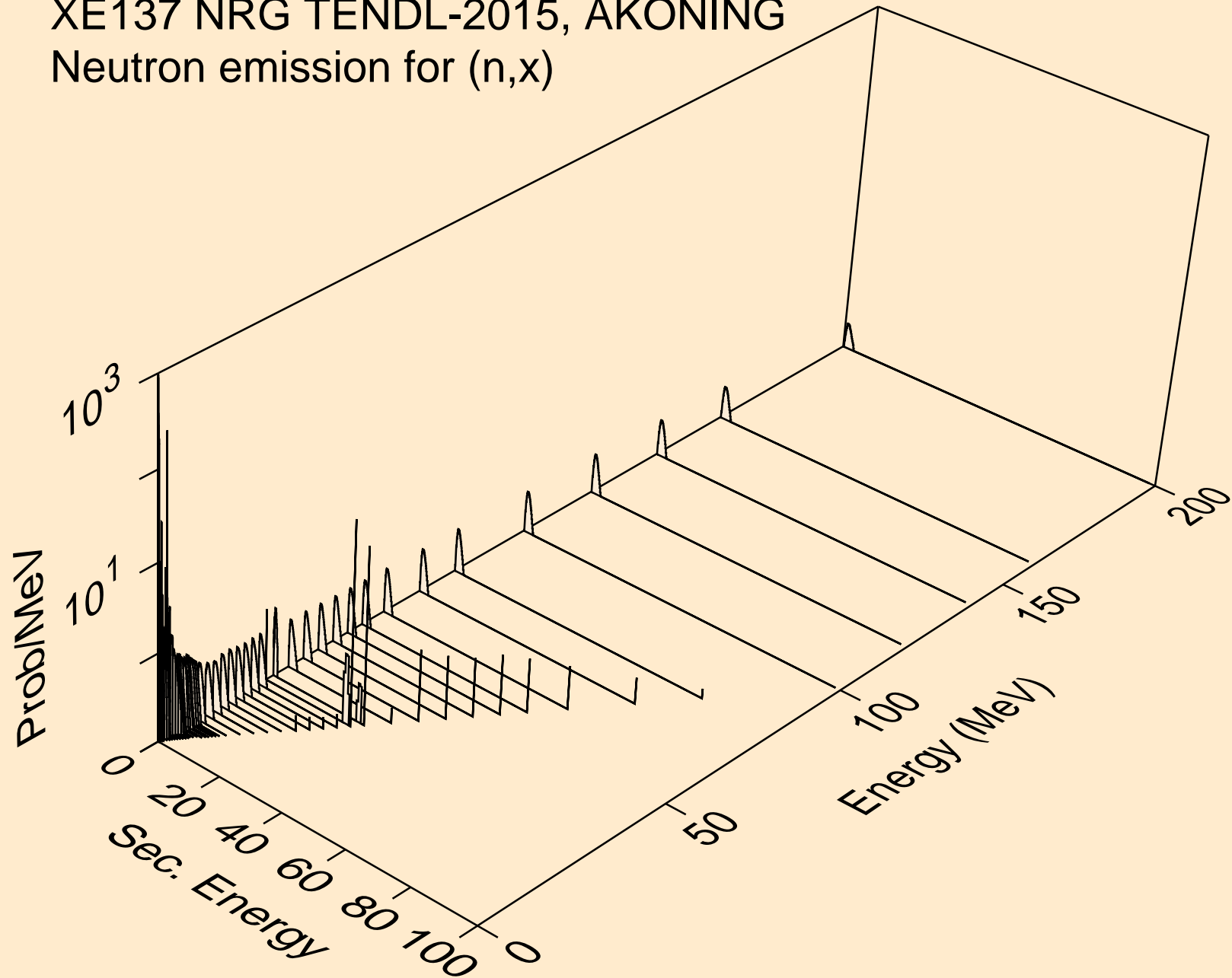
XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



XE137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

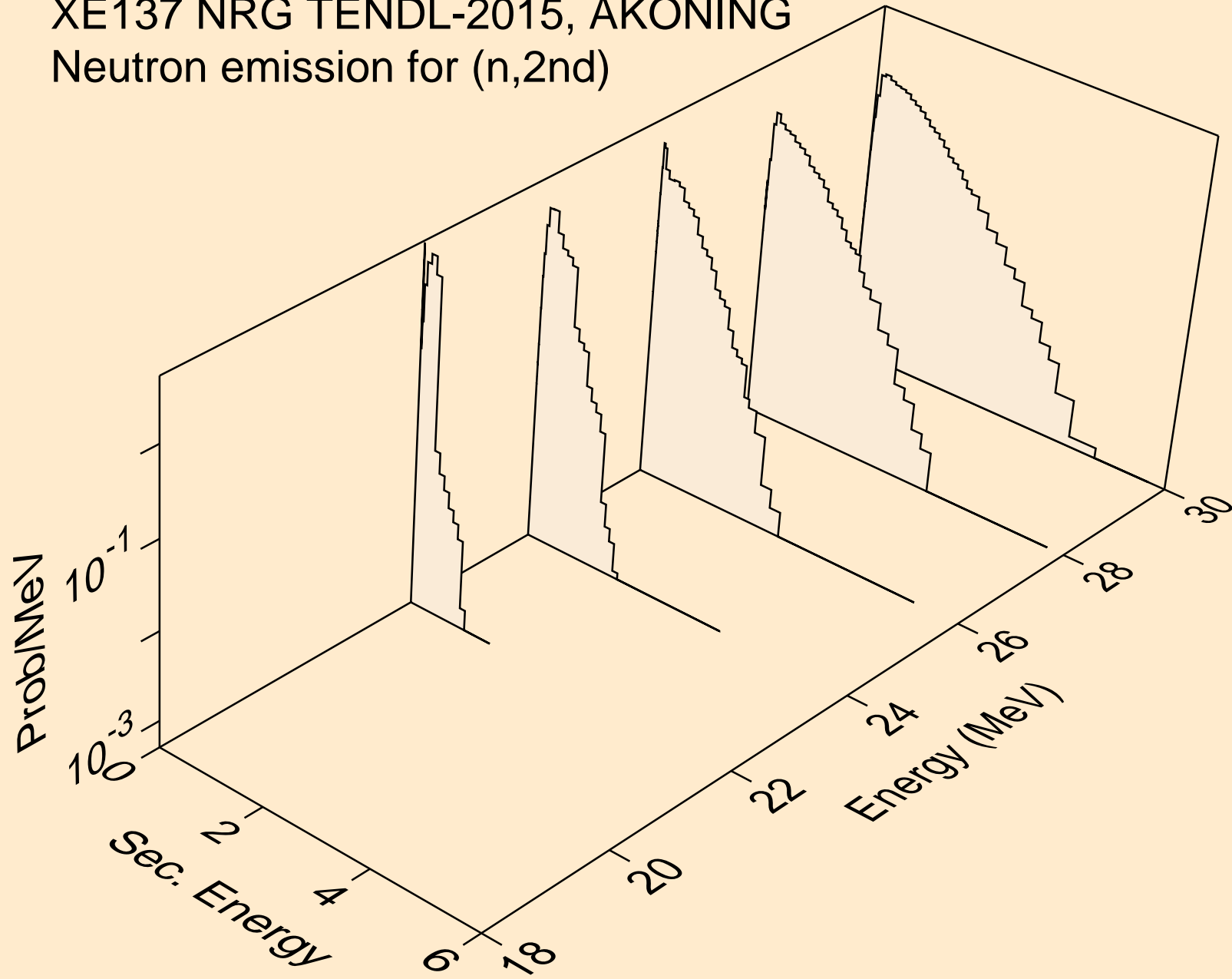


XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

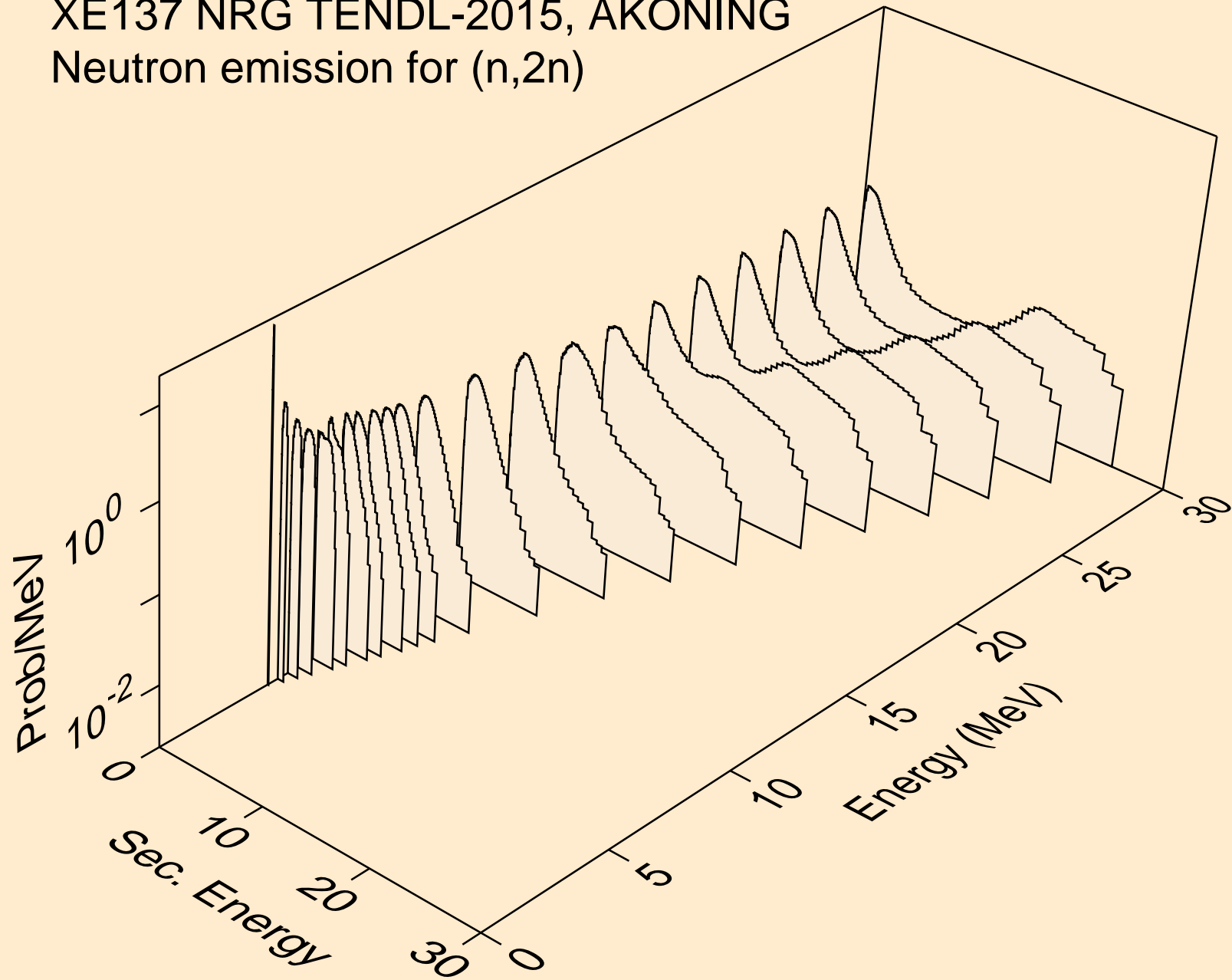




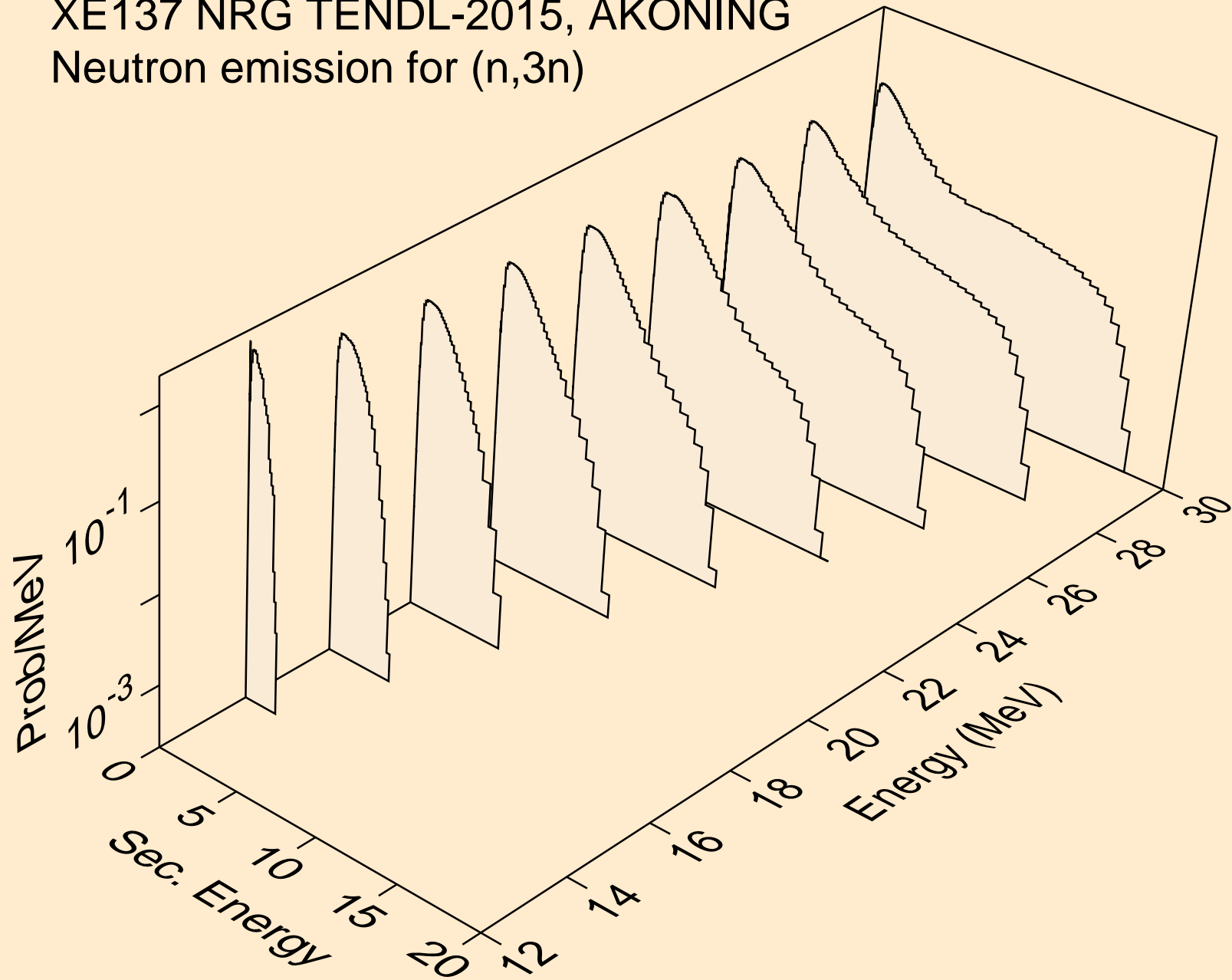
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



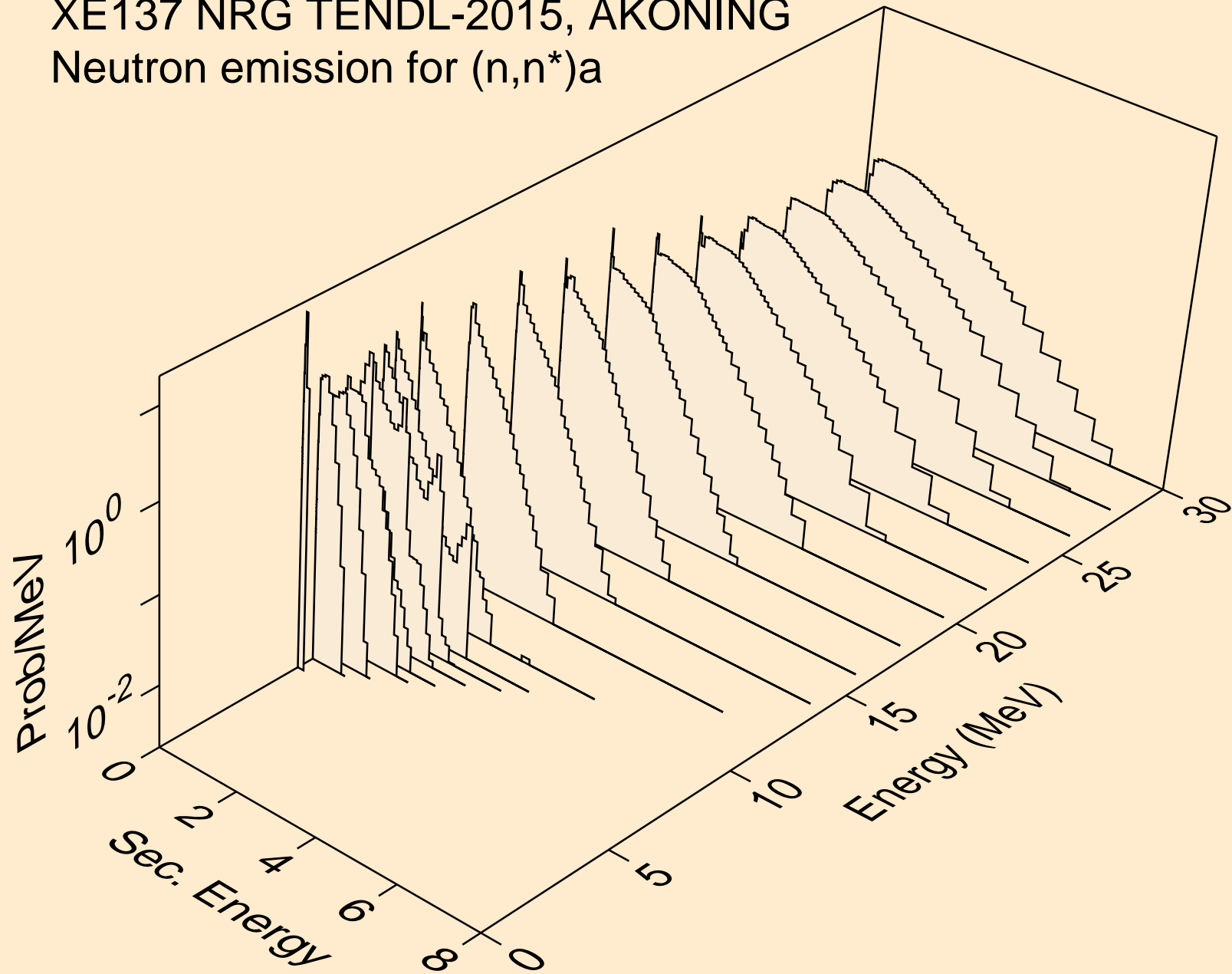
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



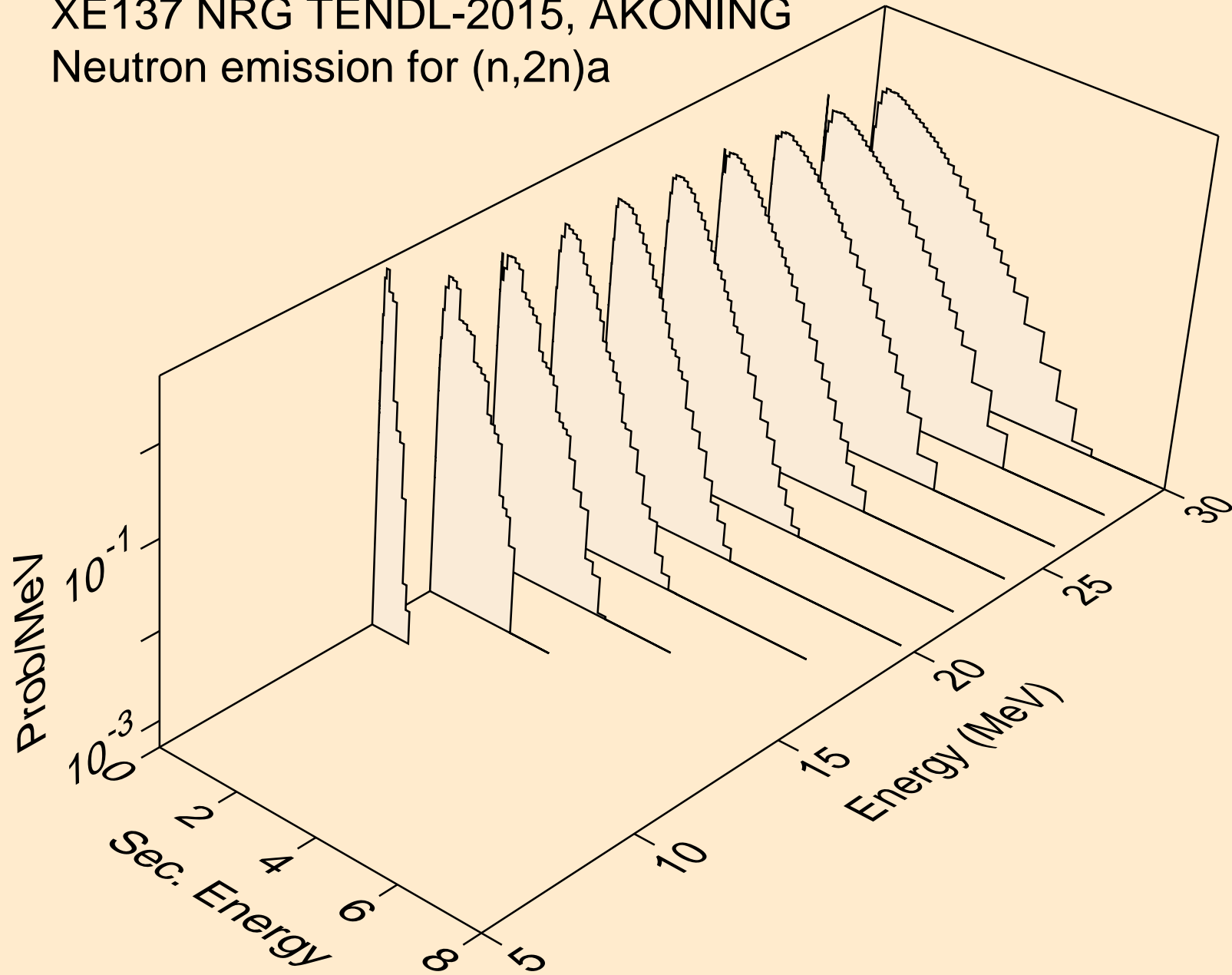
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



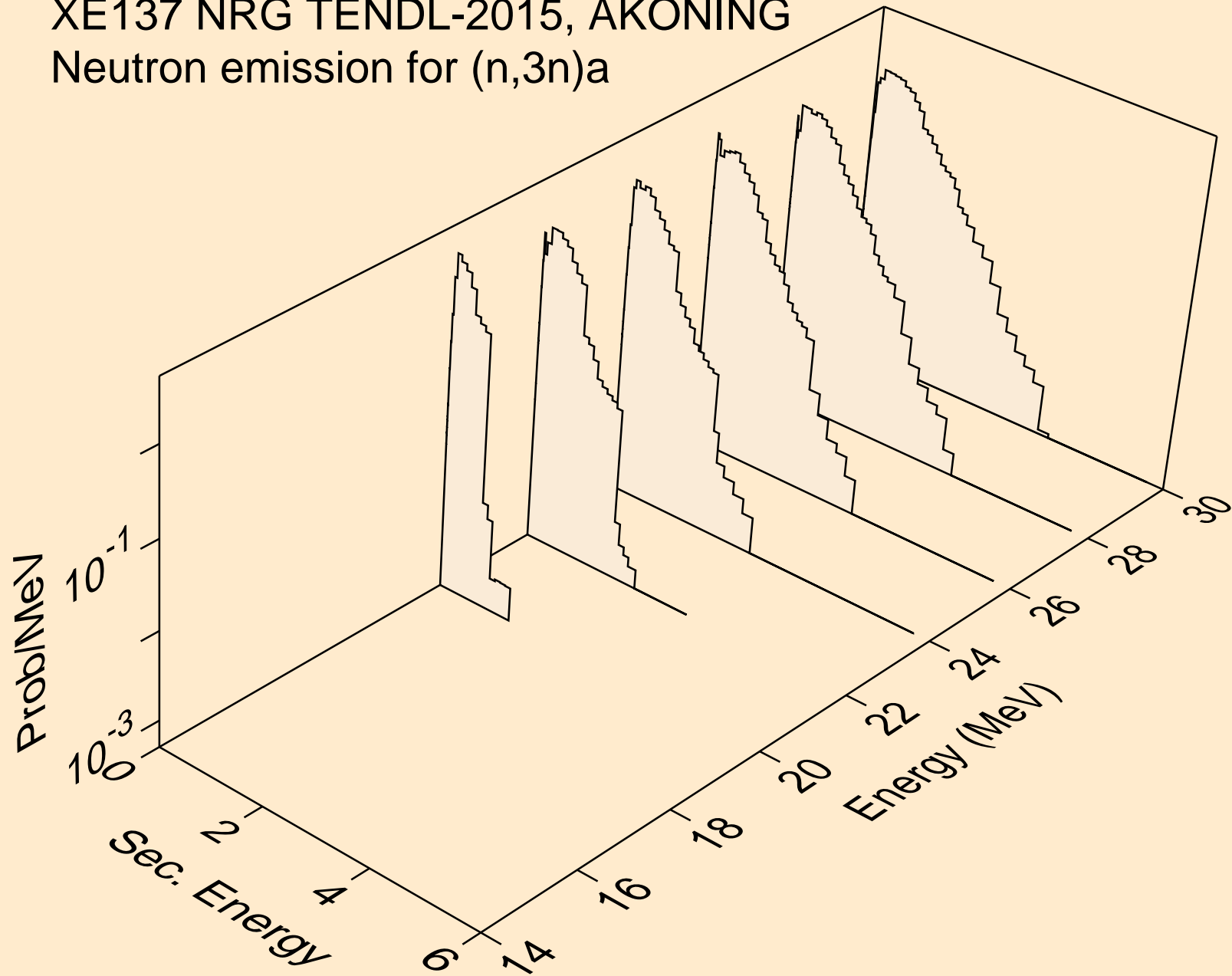
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



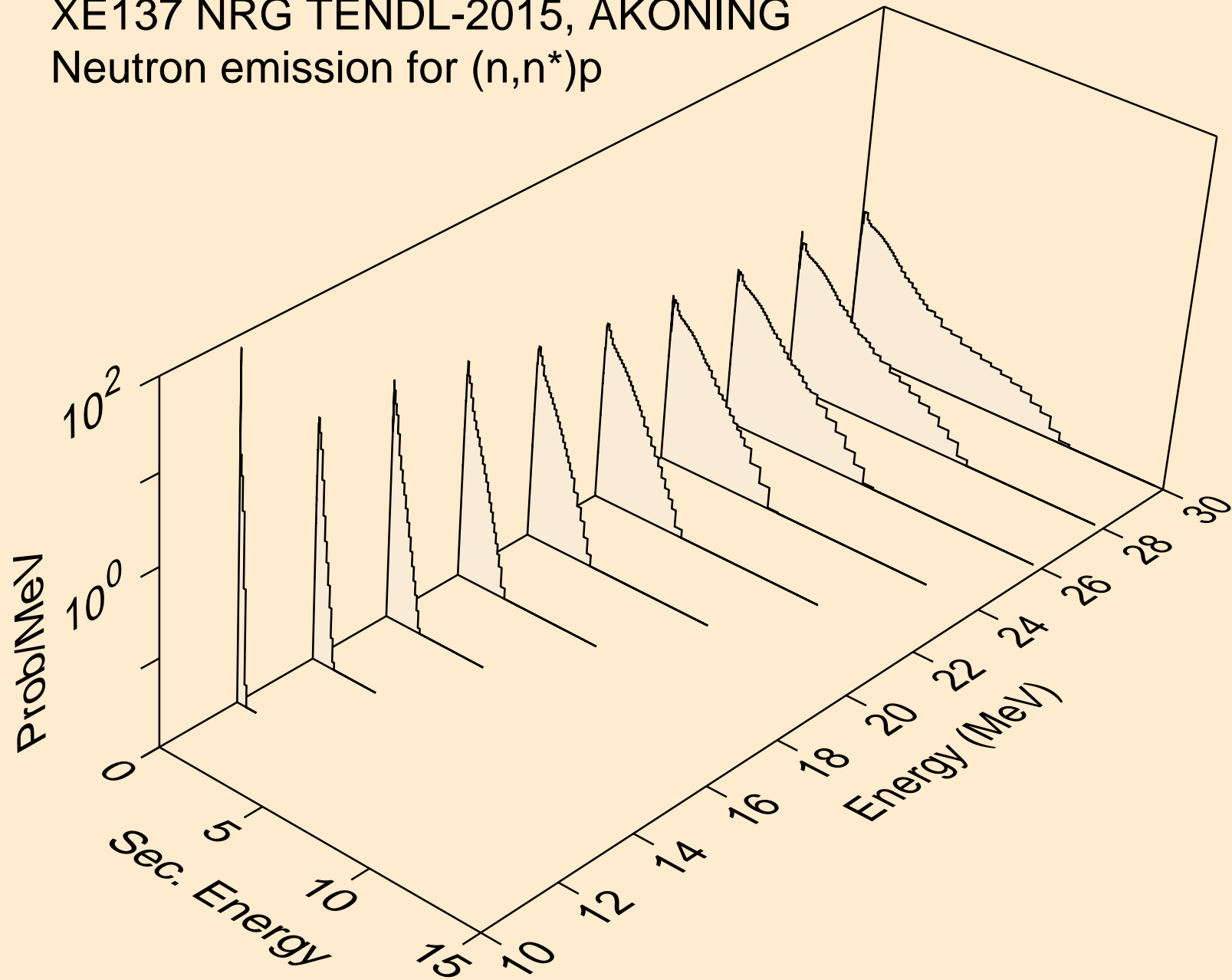
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



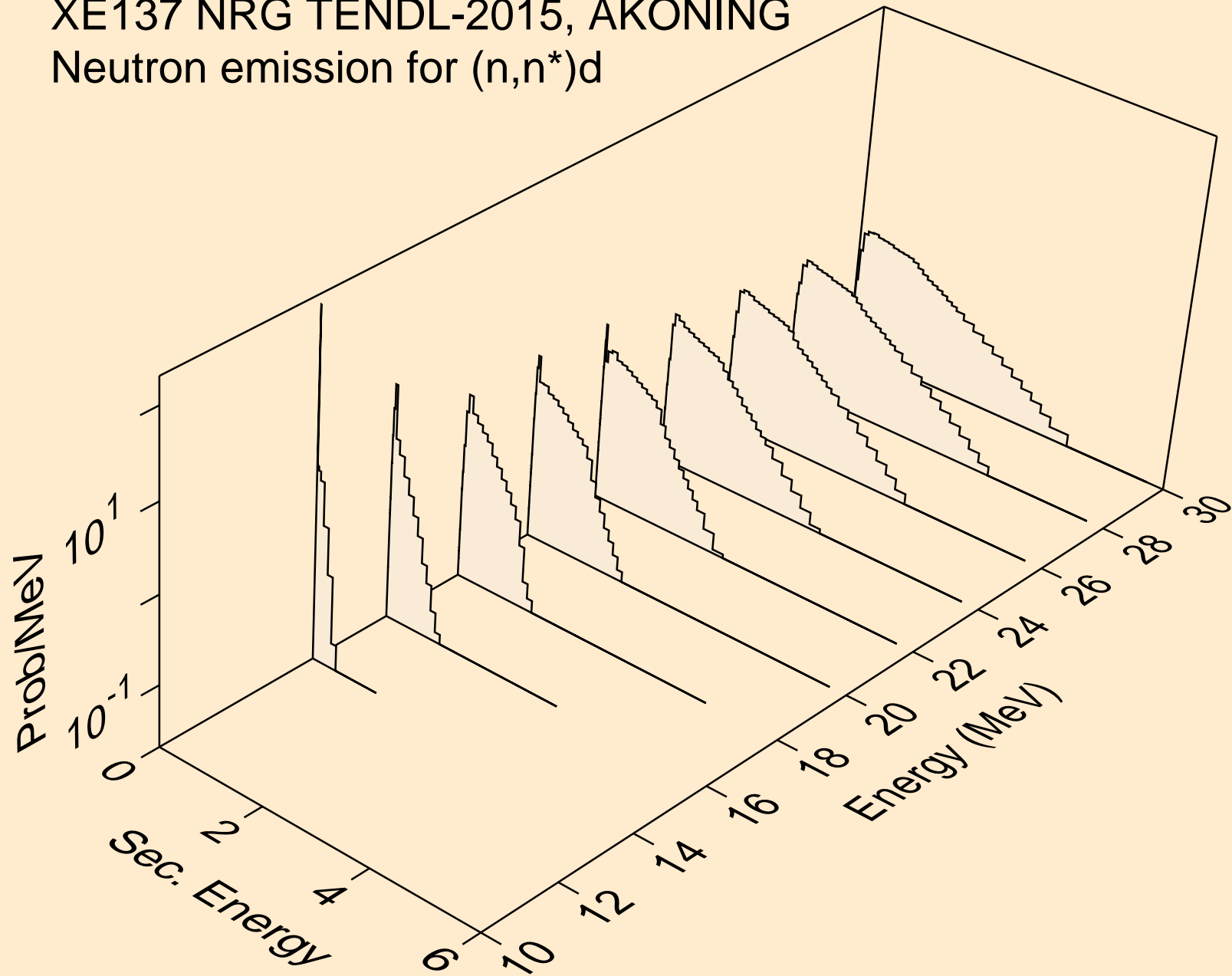
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

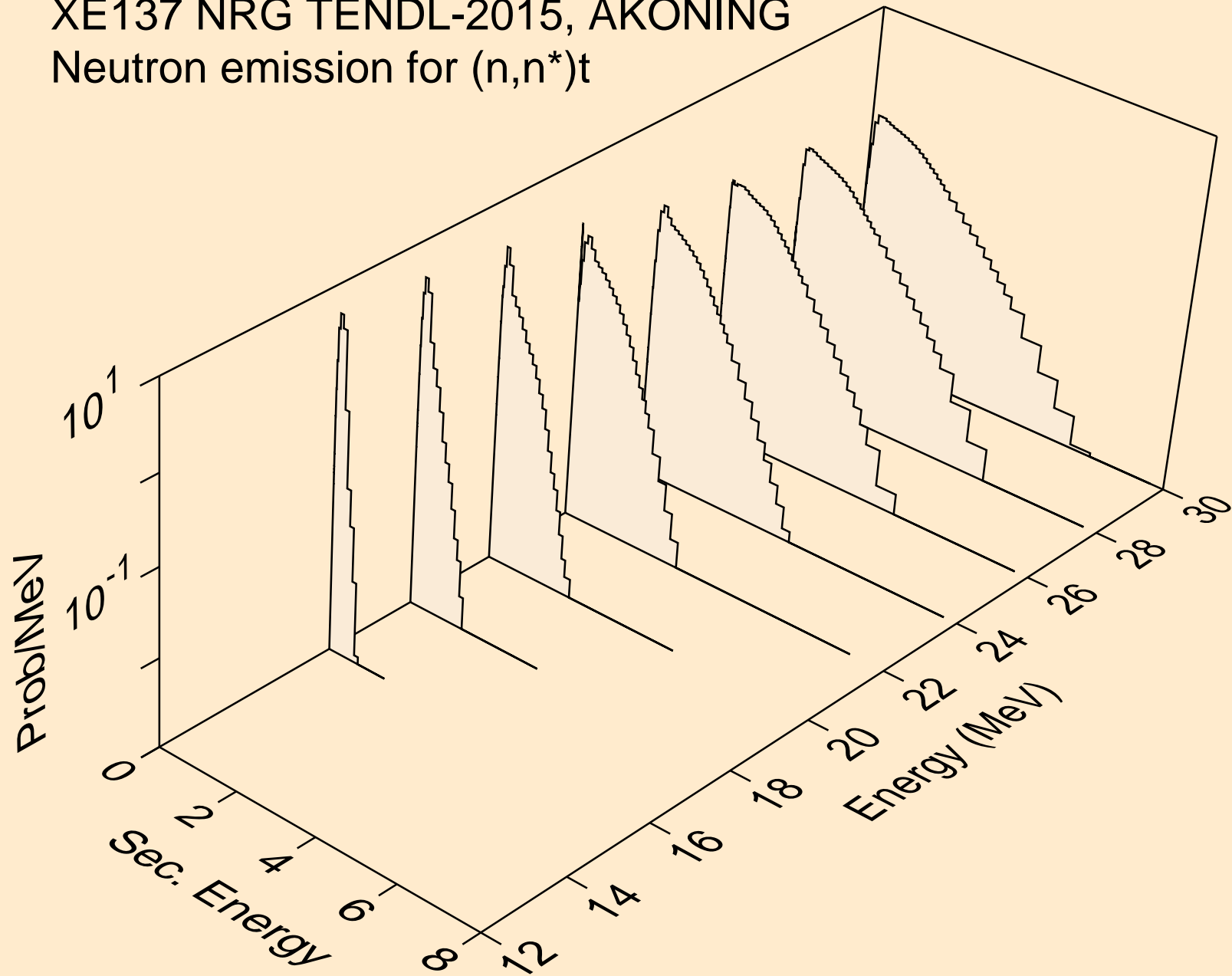


XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

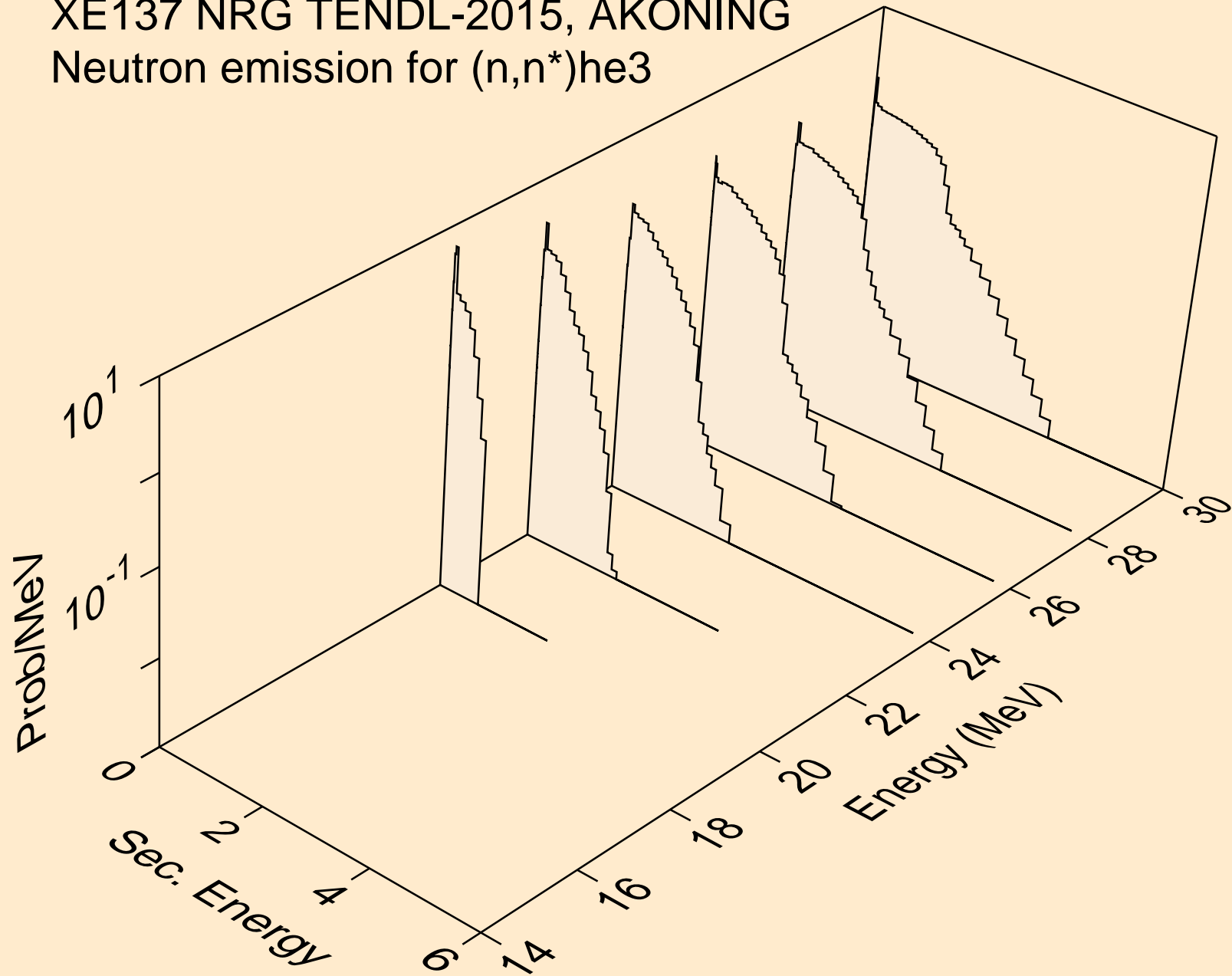




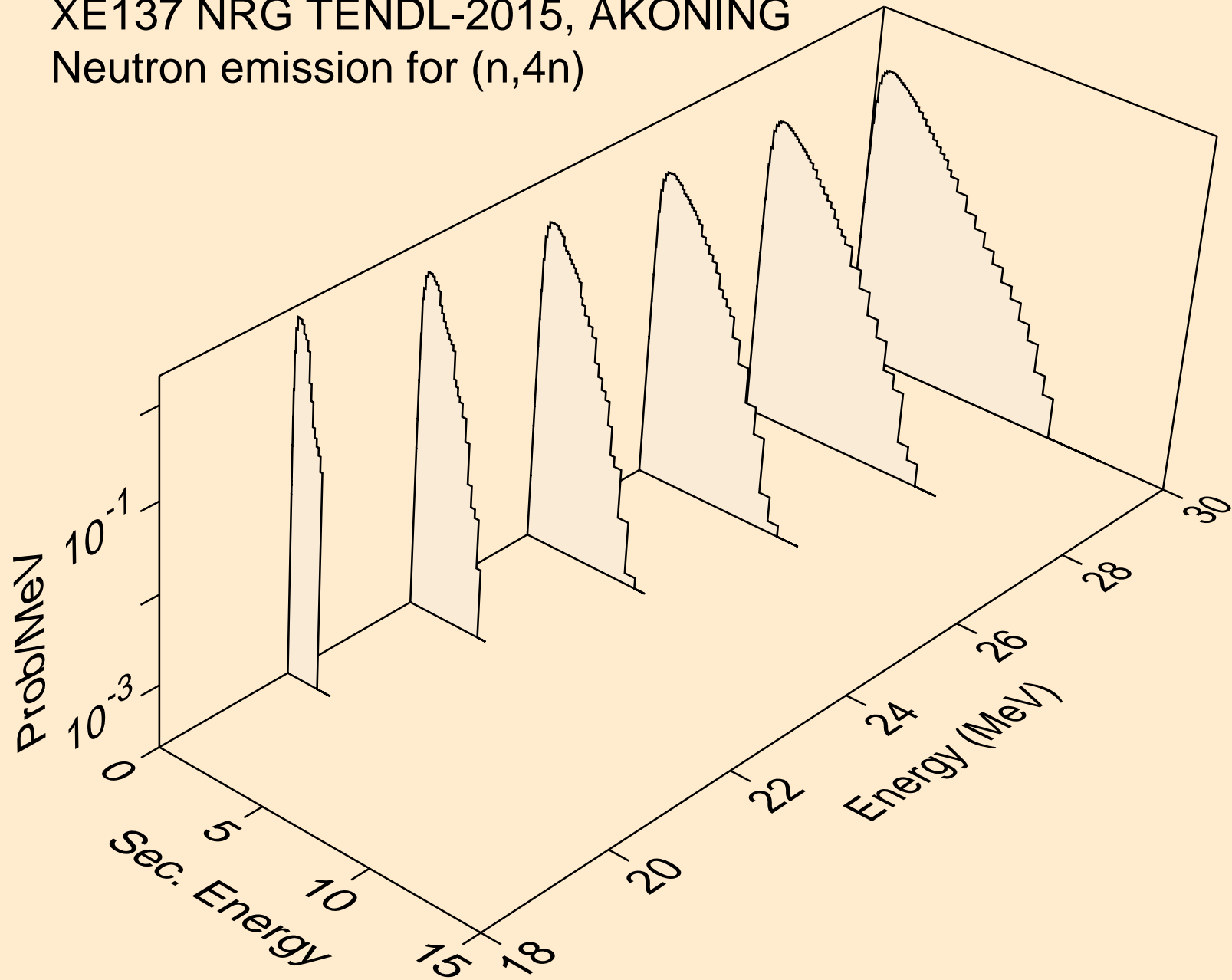
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



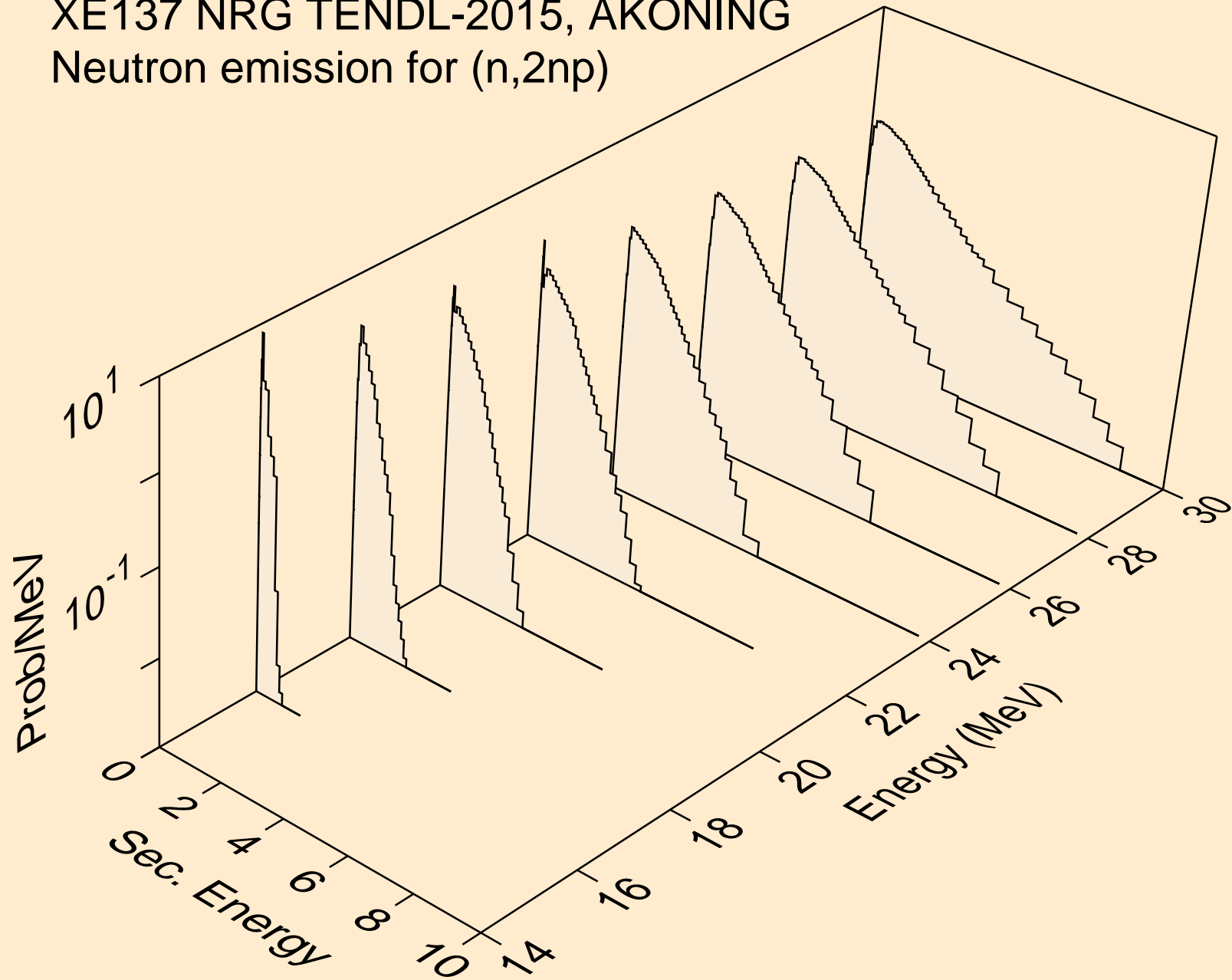
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



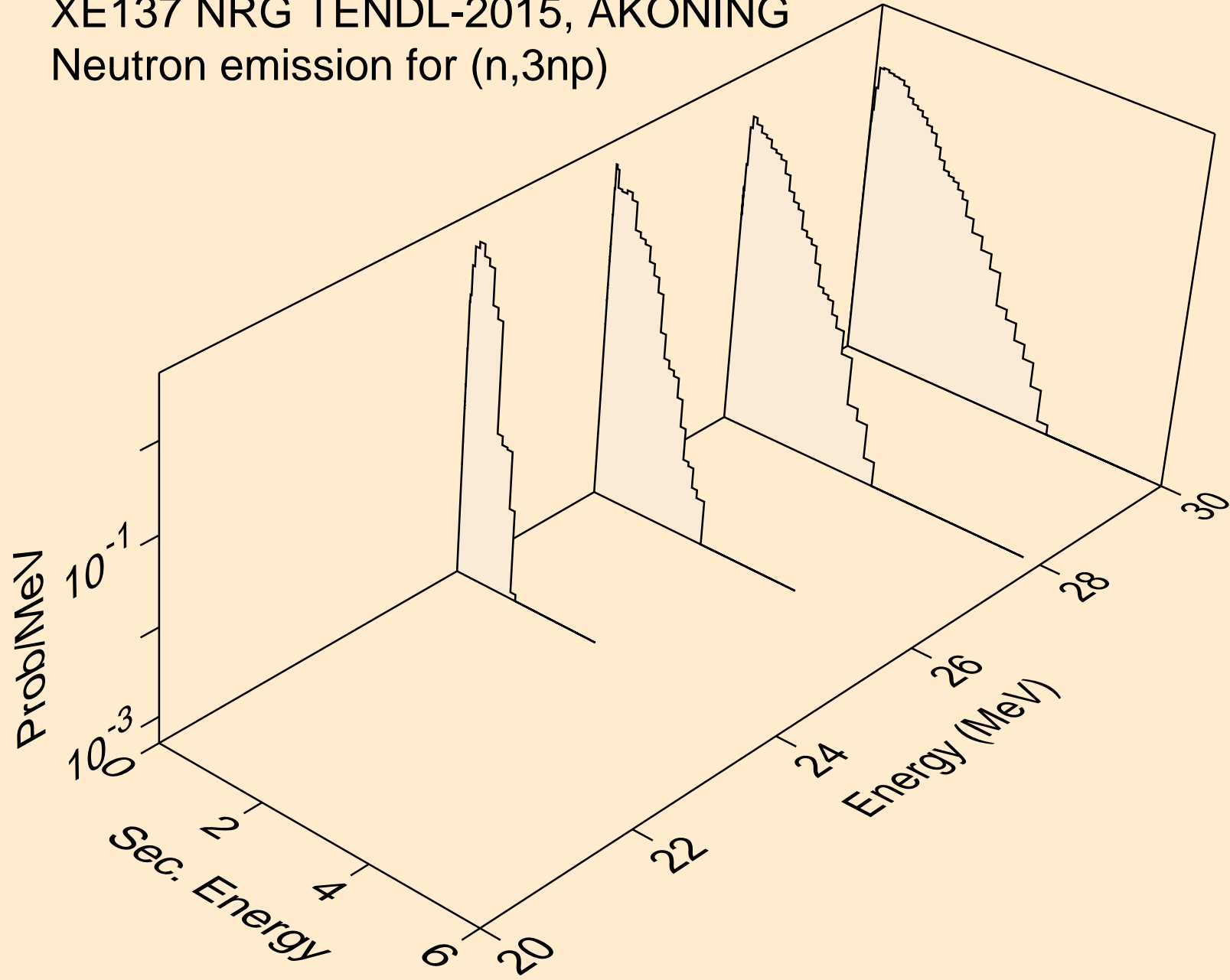
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



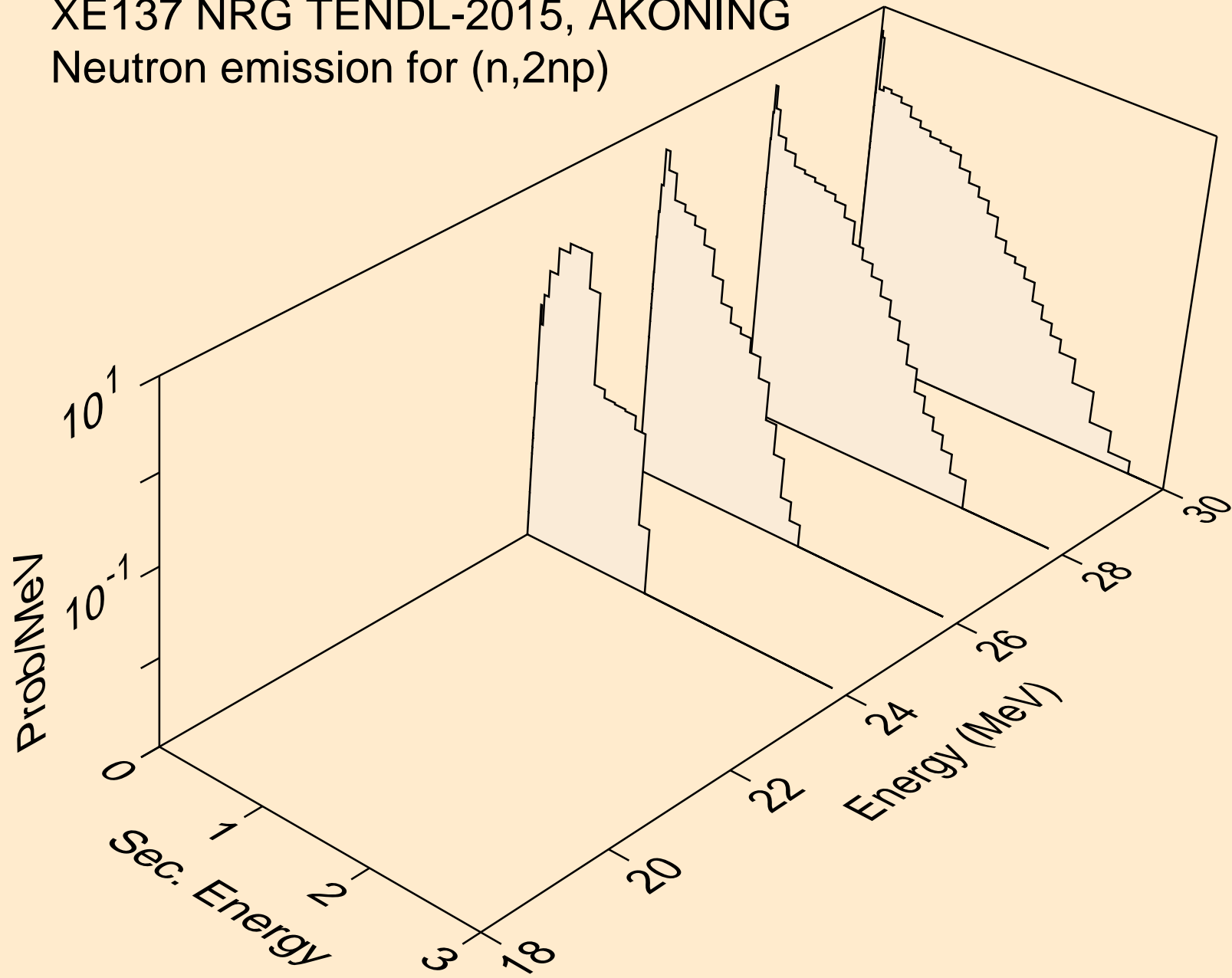
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



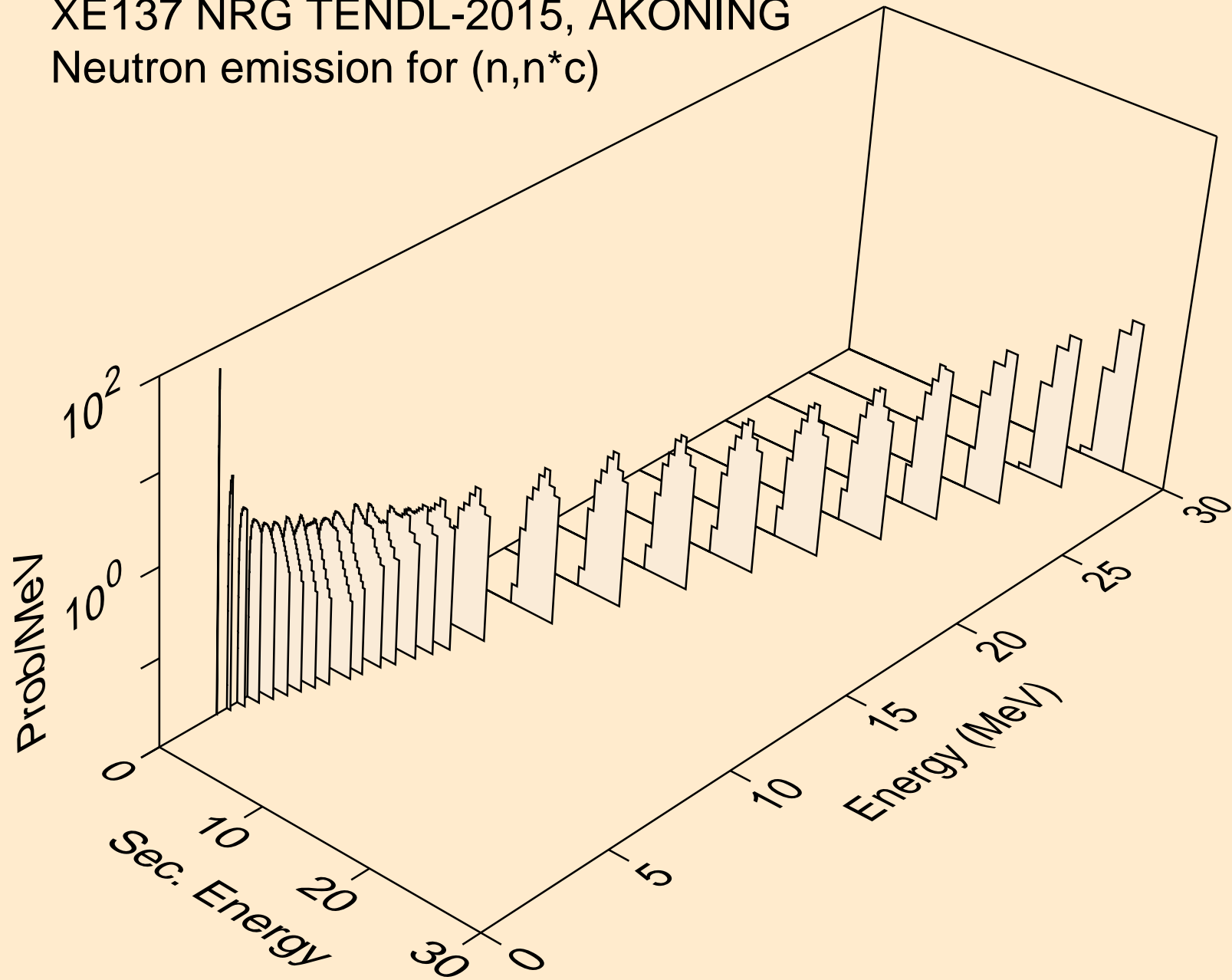
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



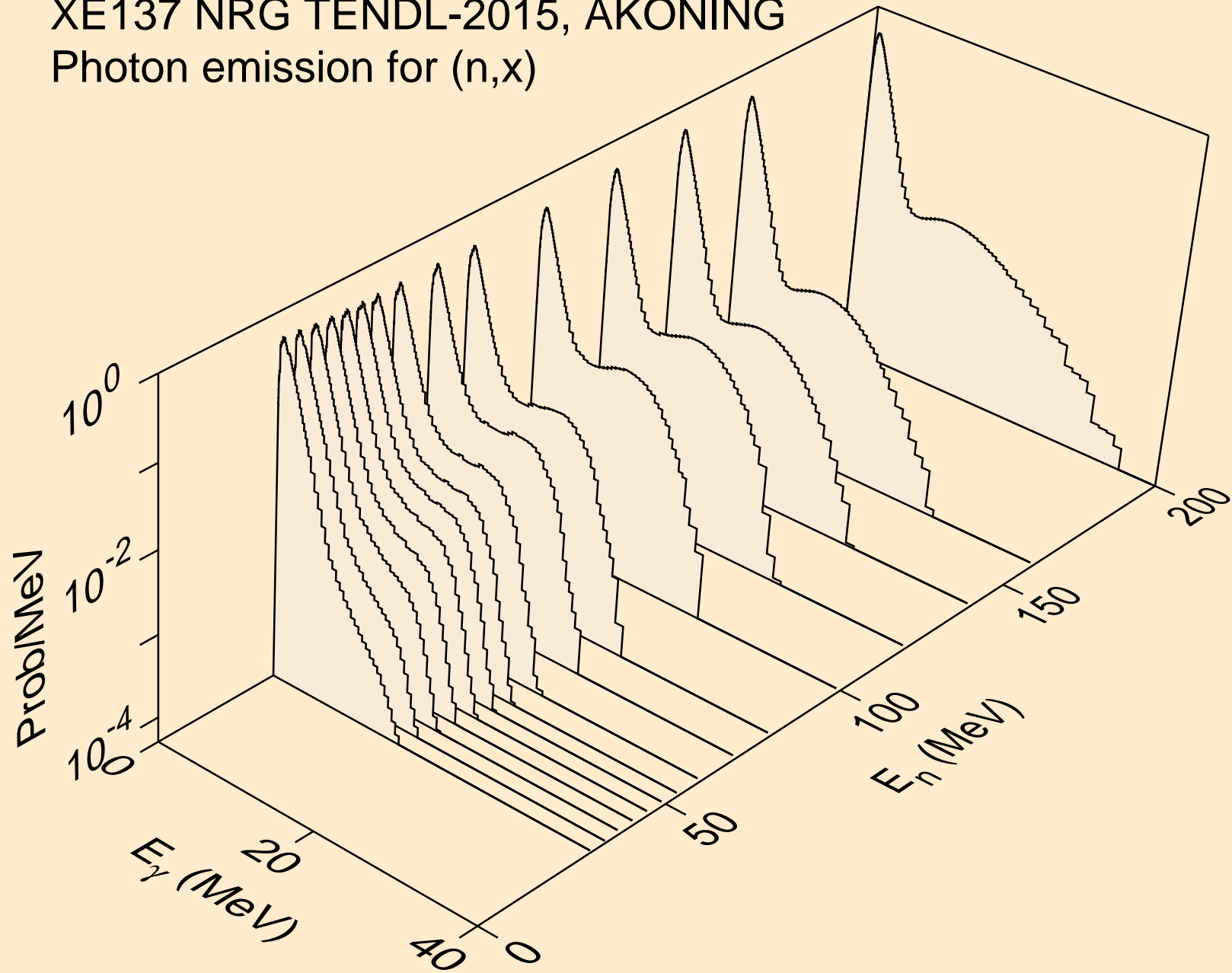
XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



XE137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

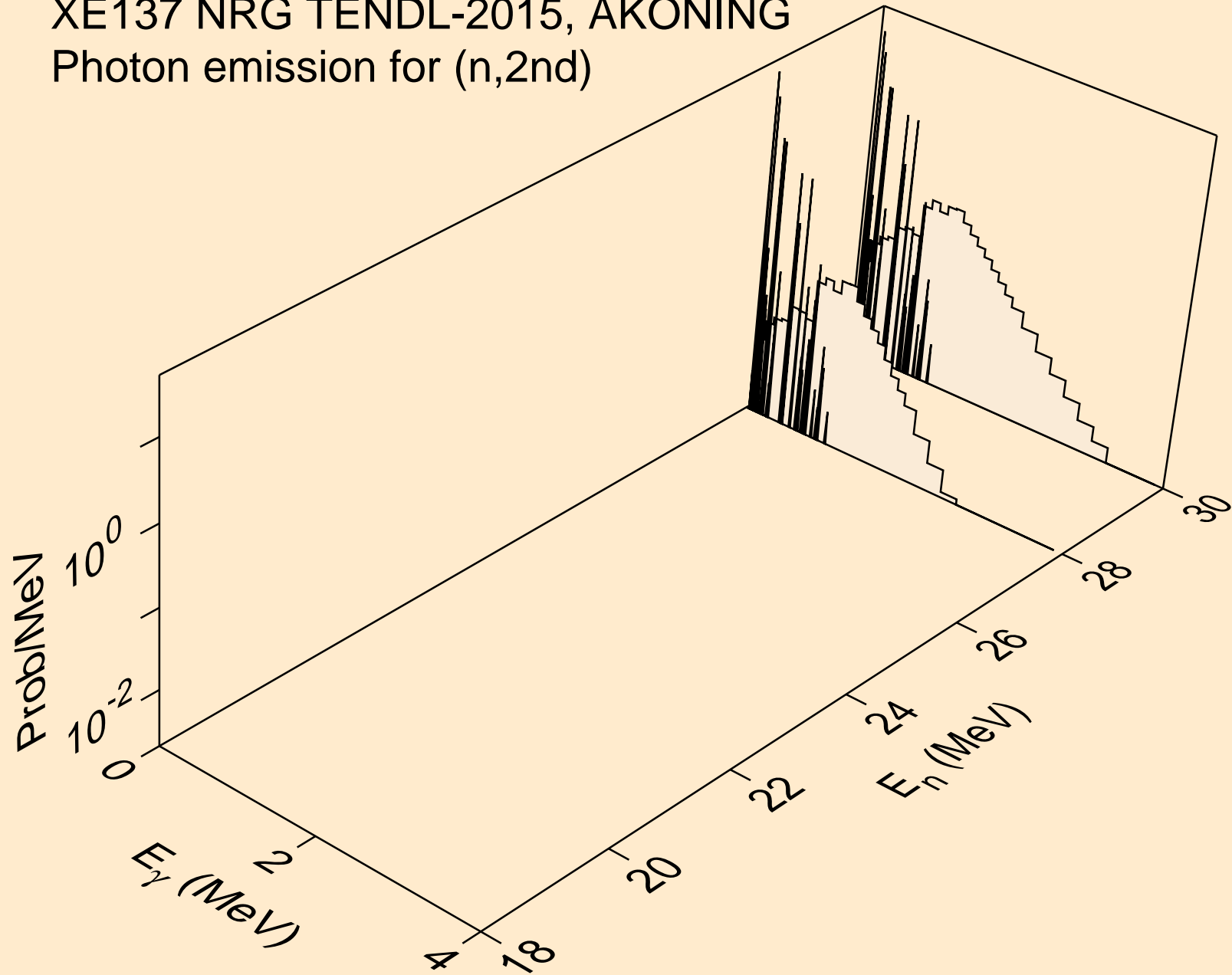


XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

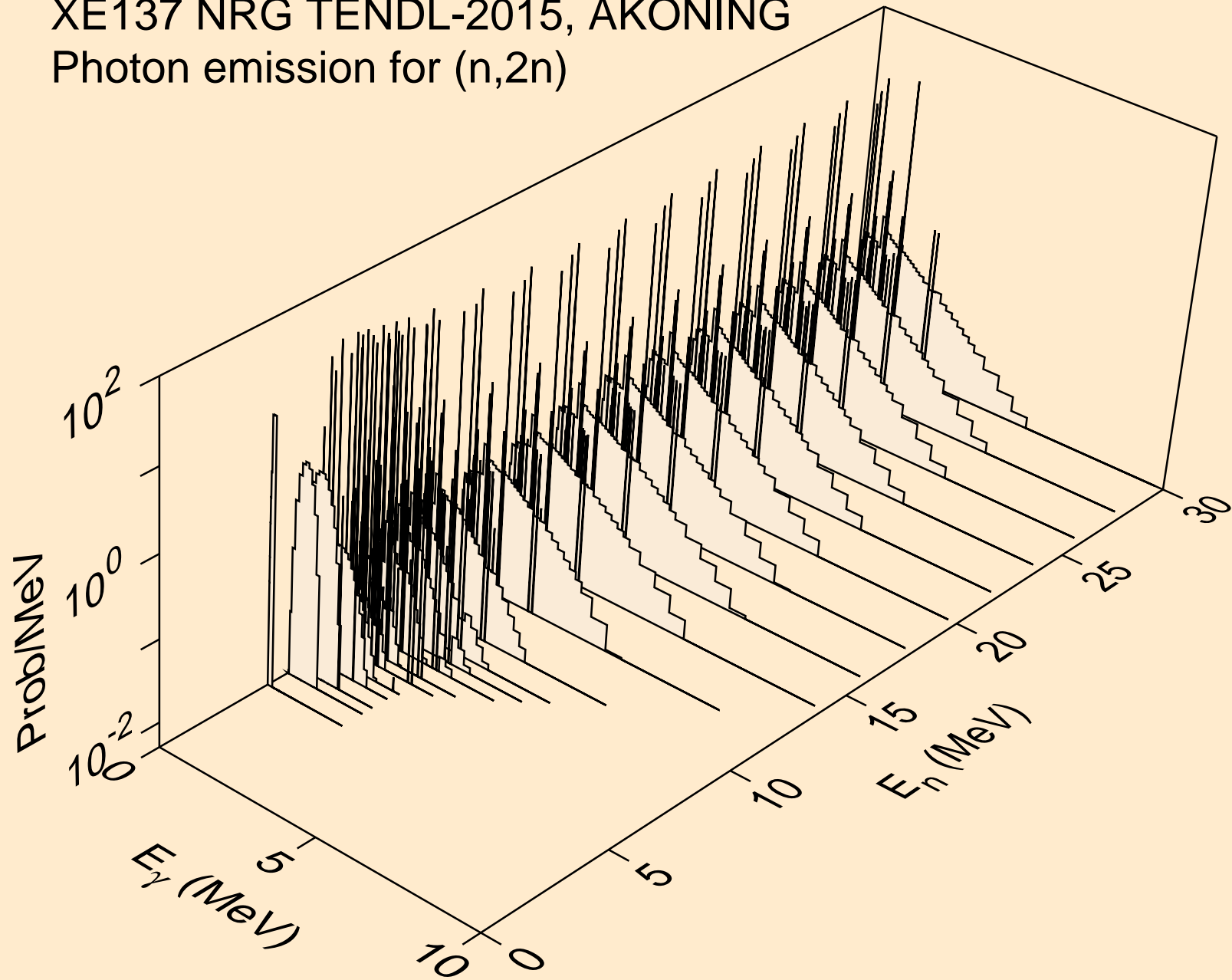




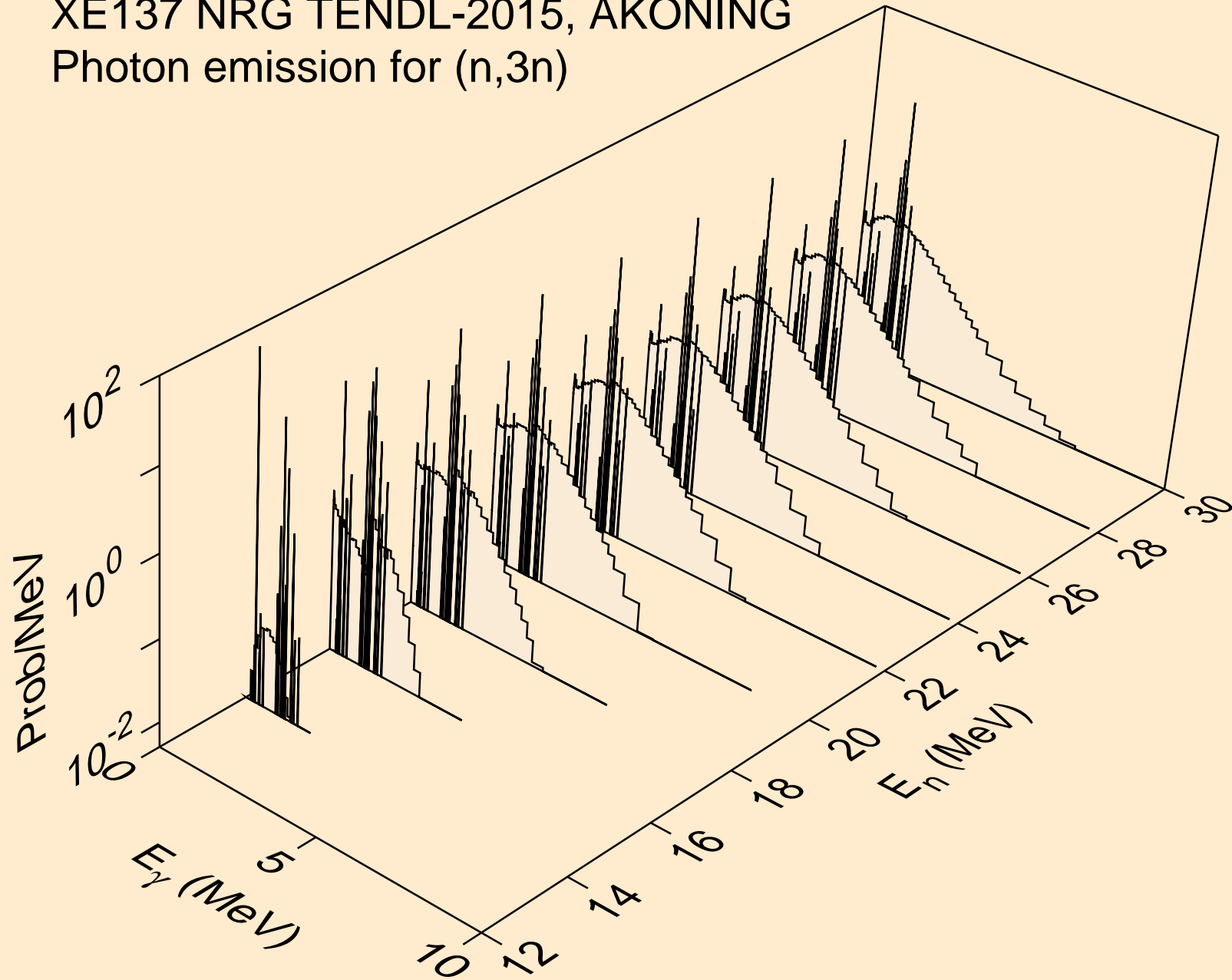
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



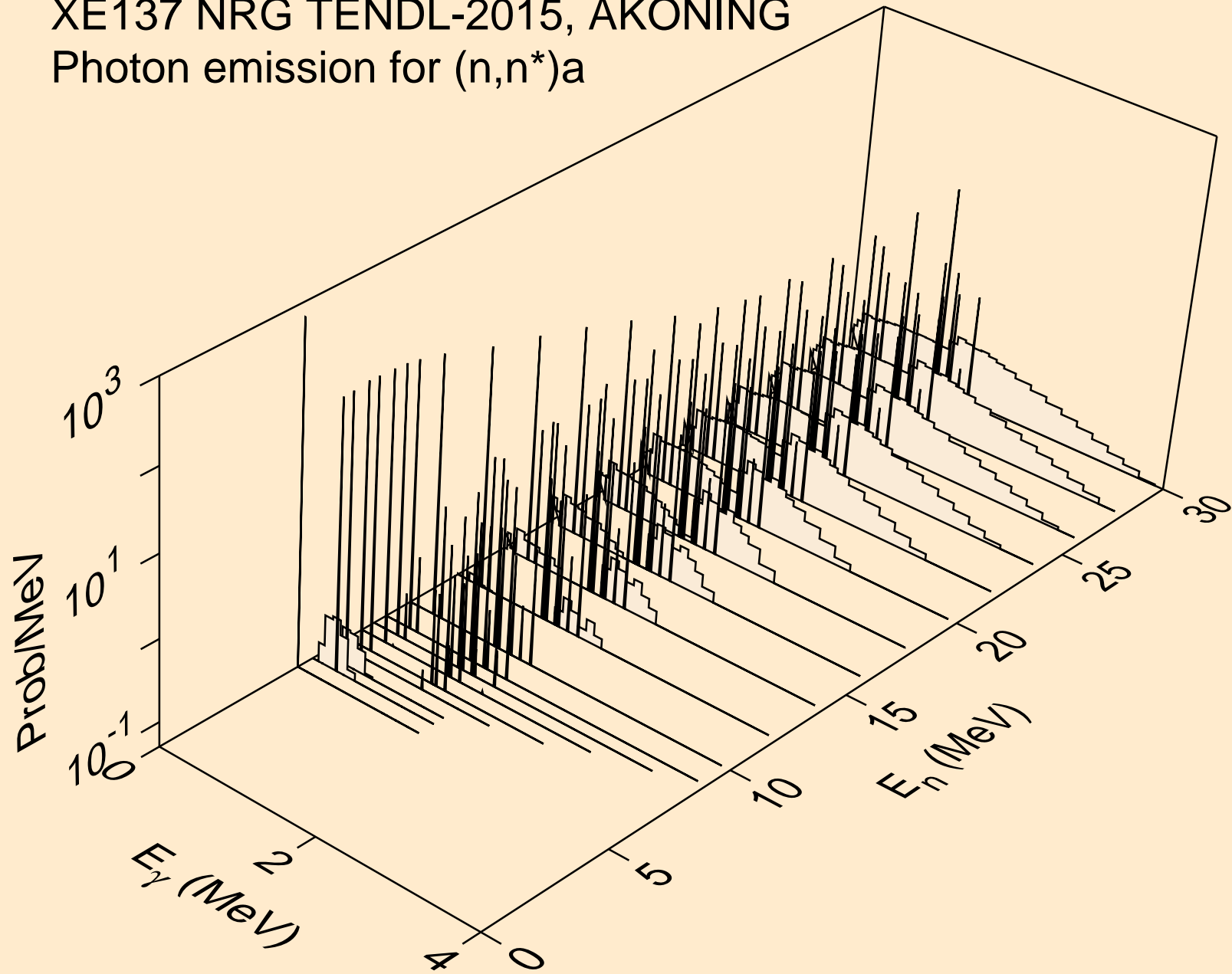
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



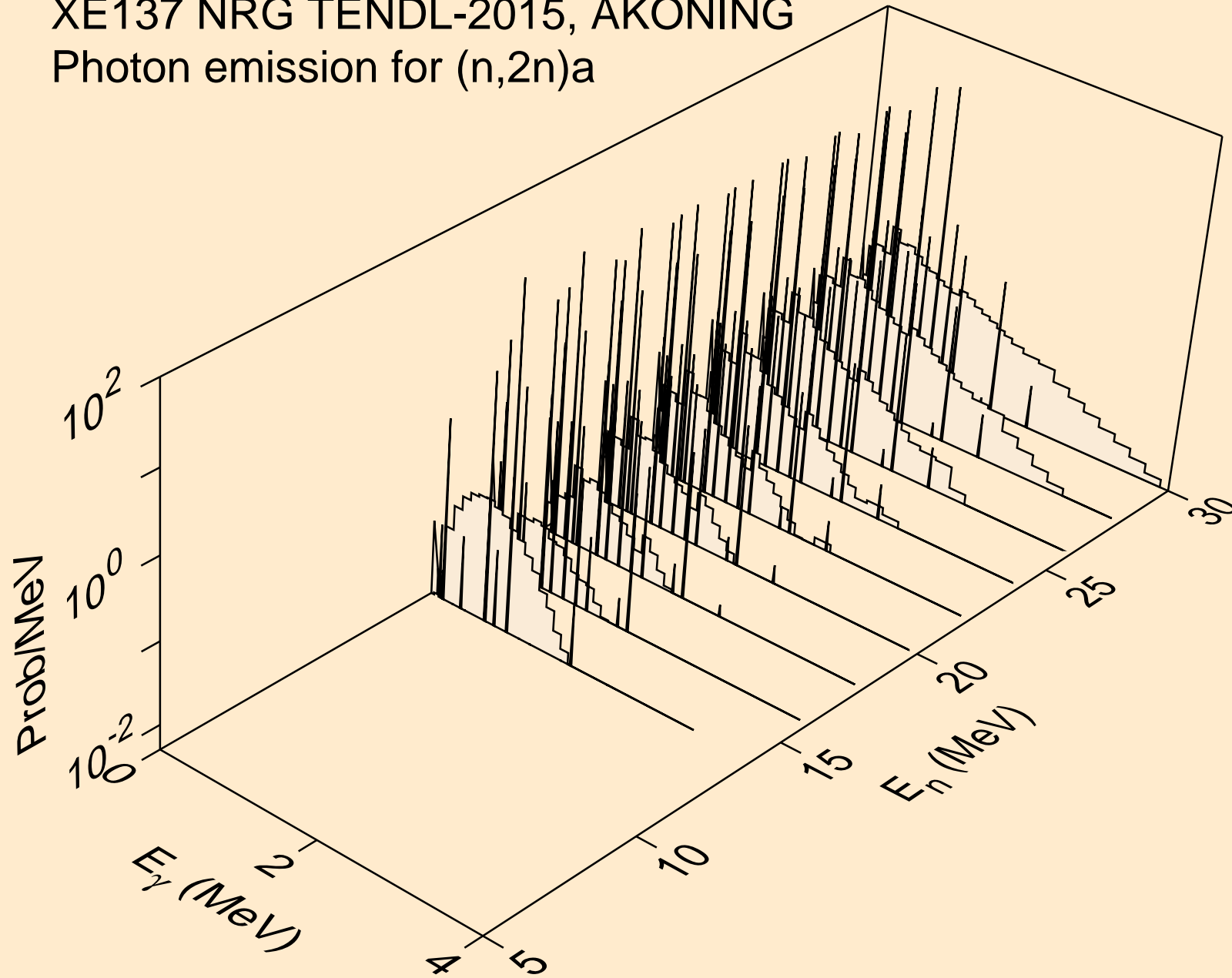
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



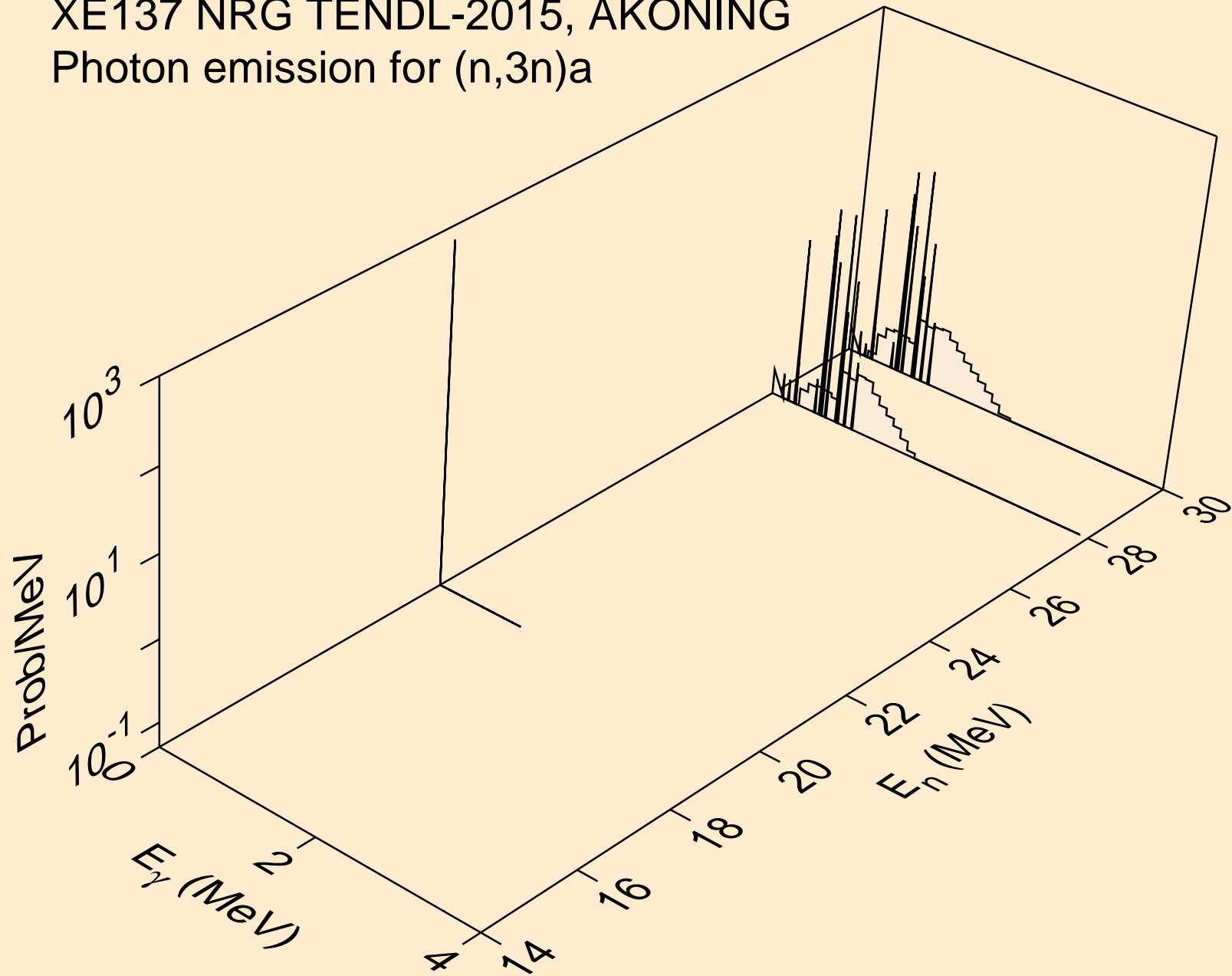
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



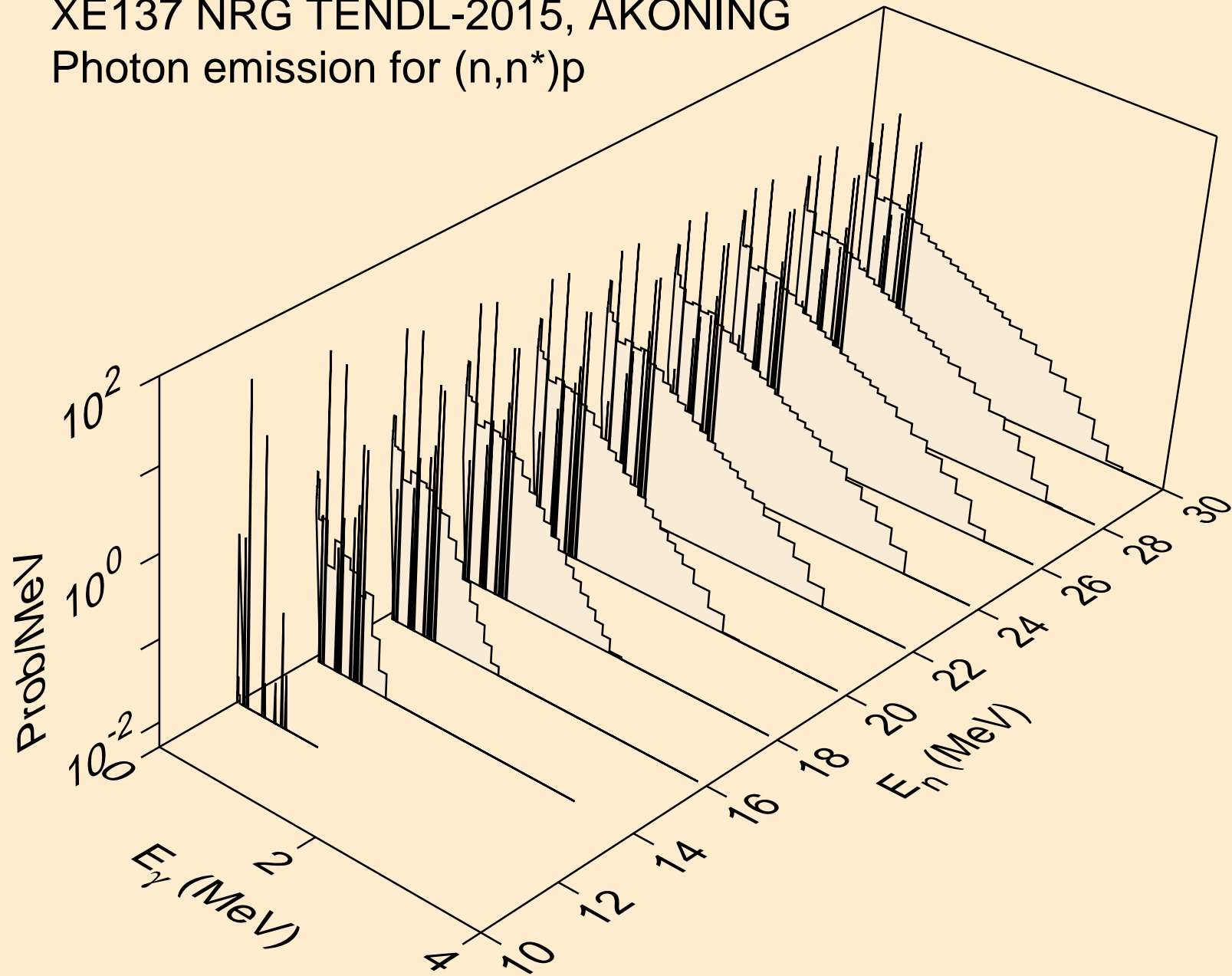
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$



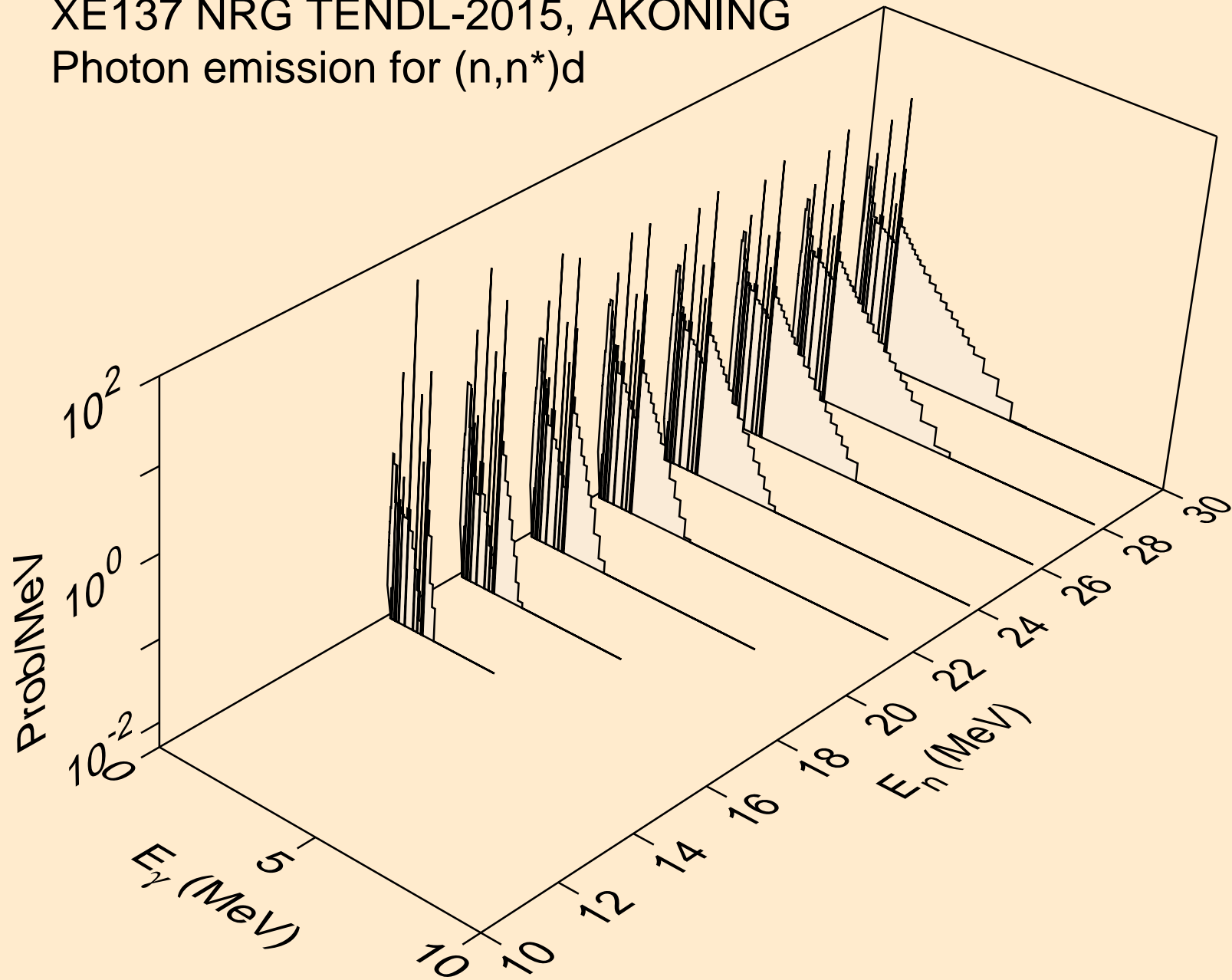
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

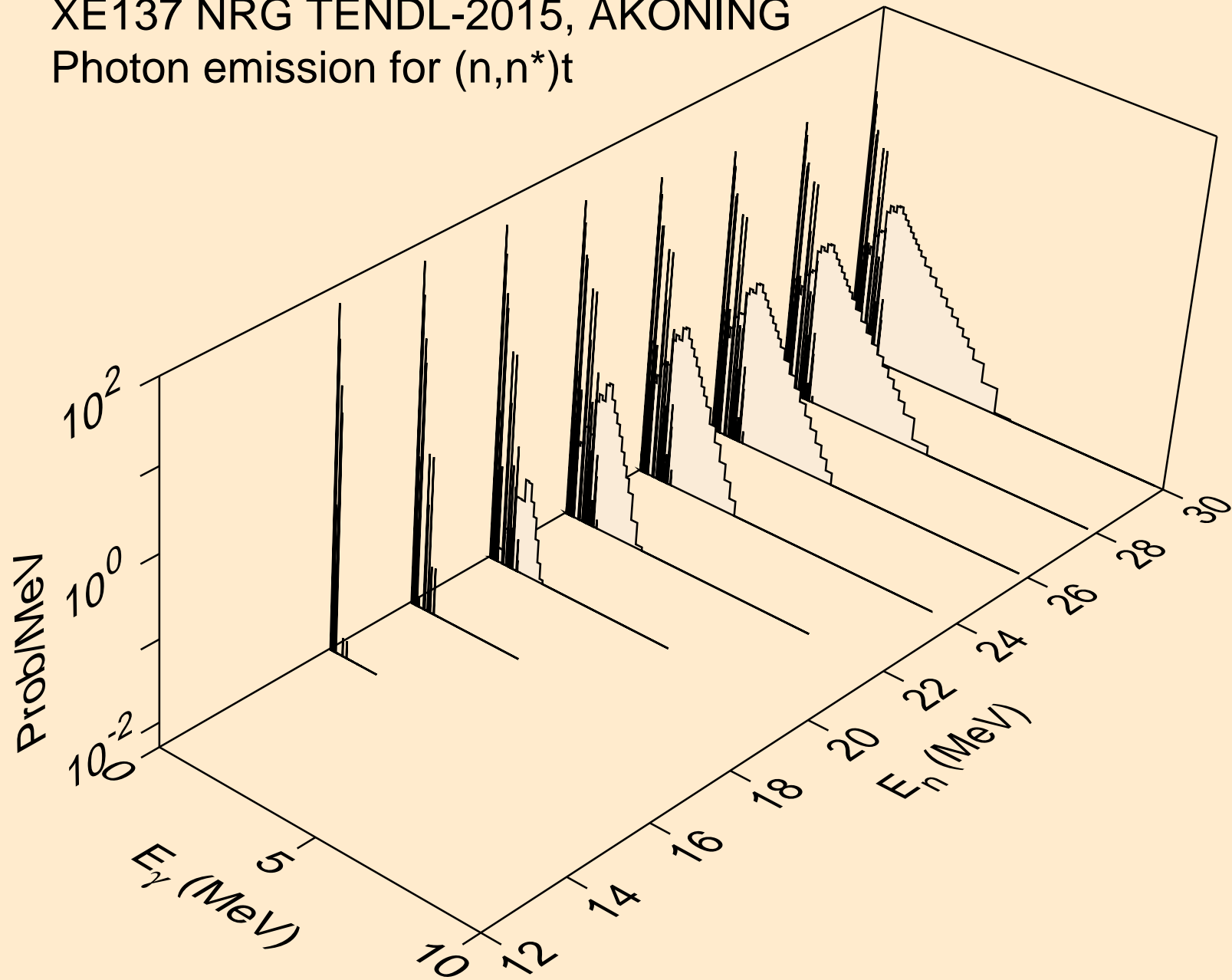


XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

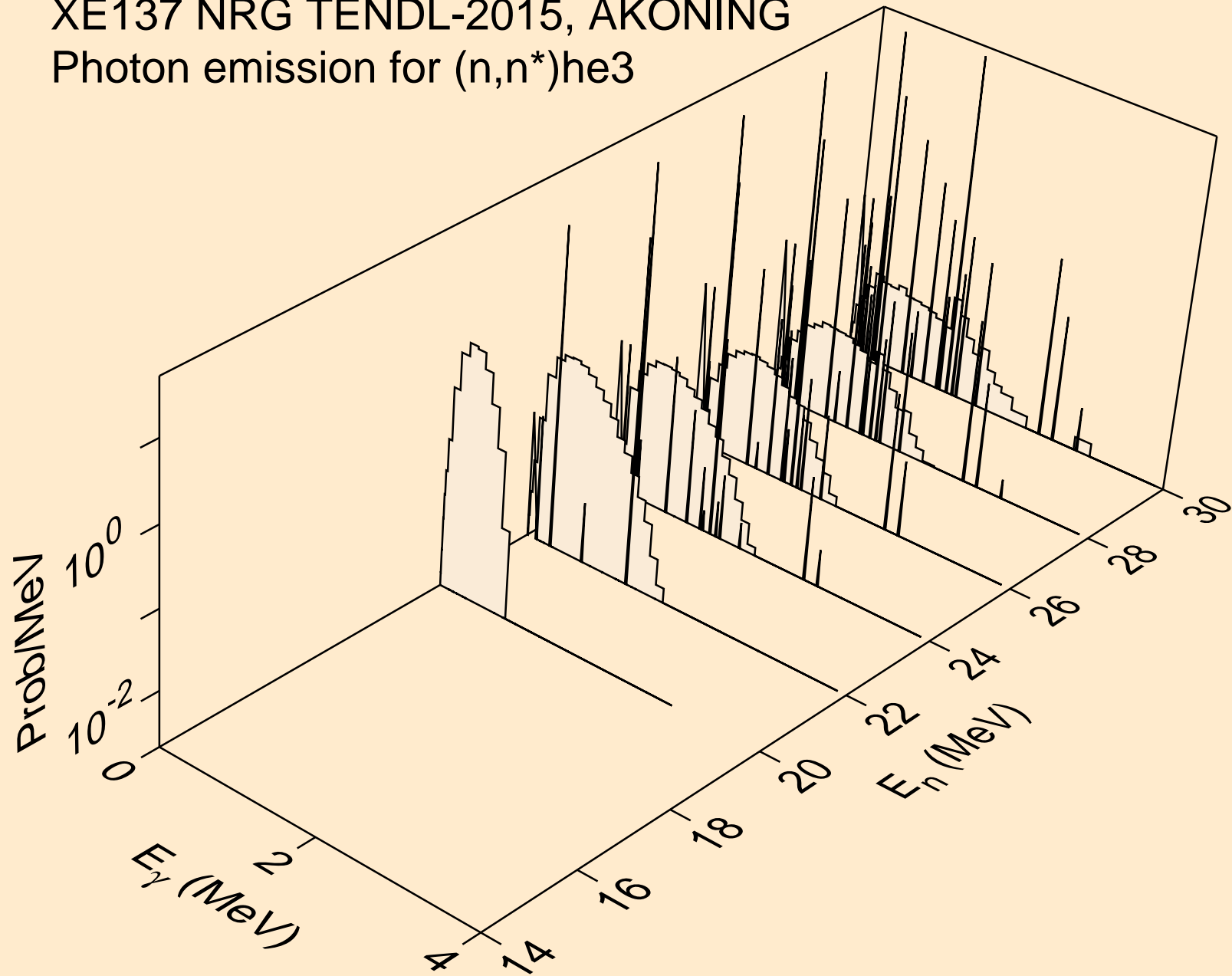




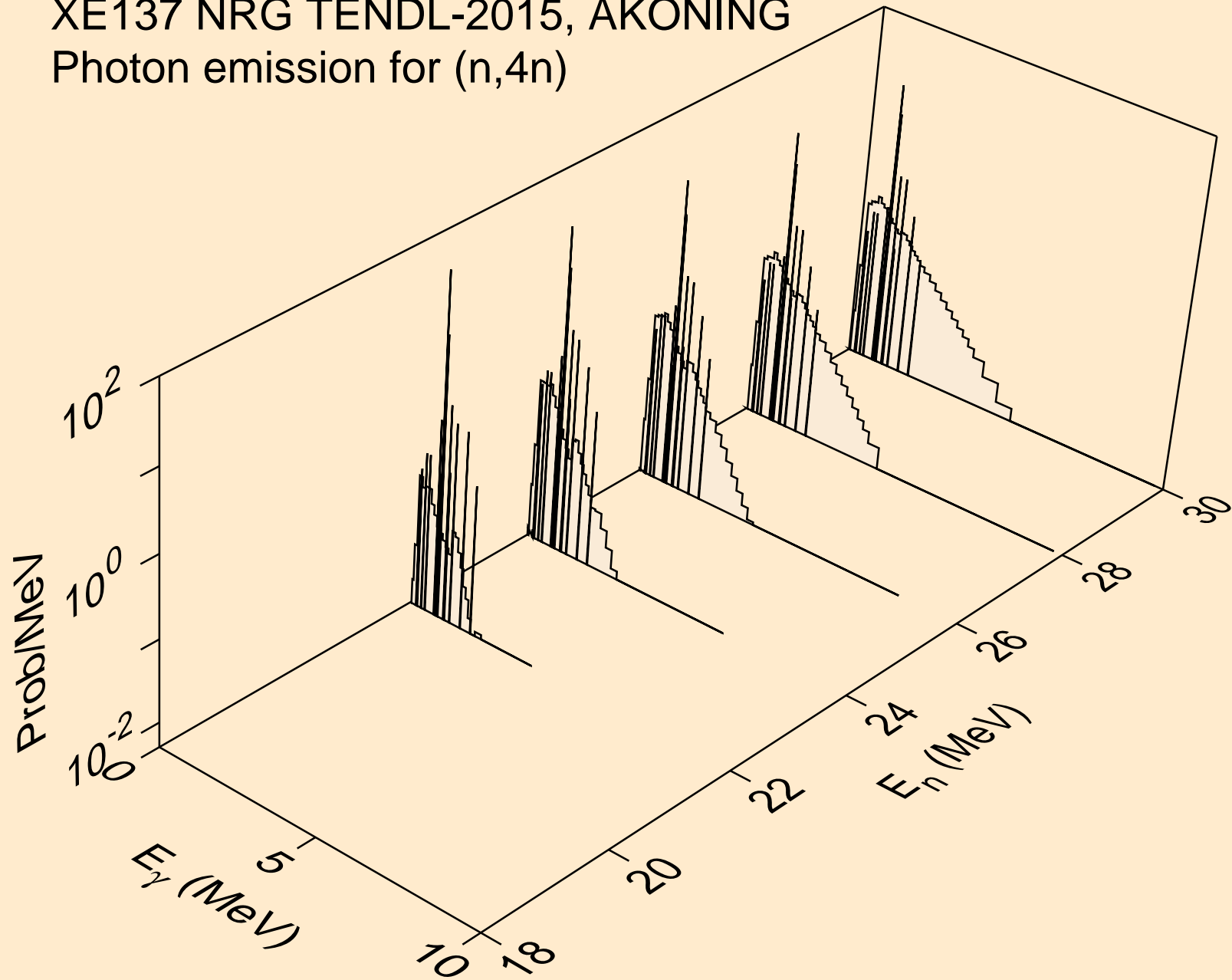
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



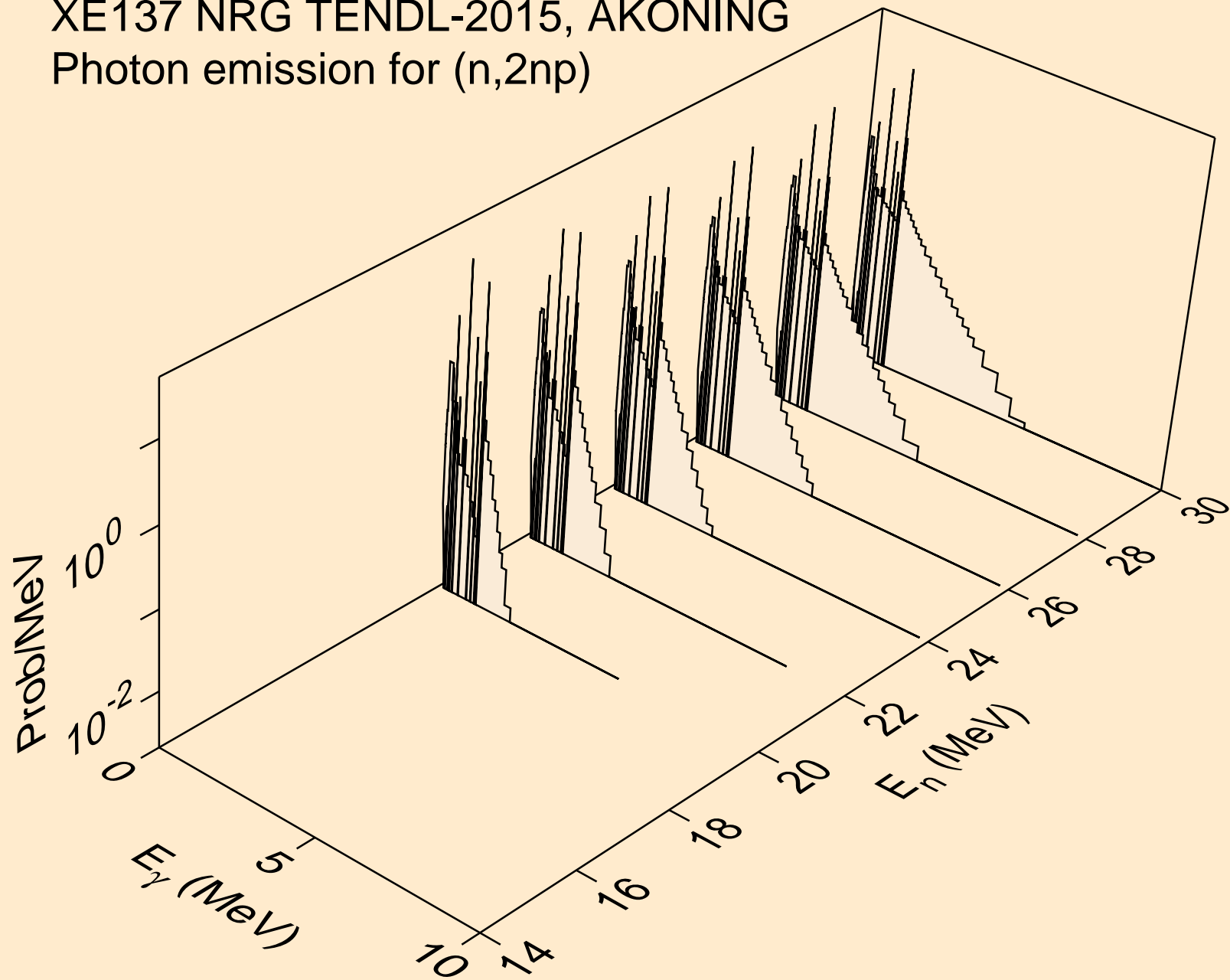
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



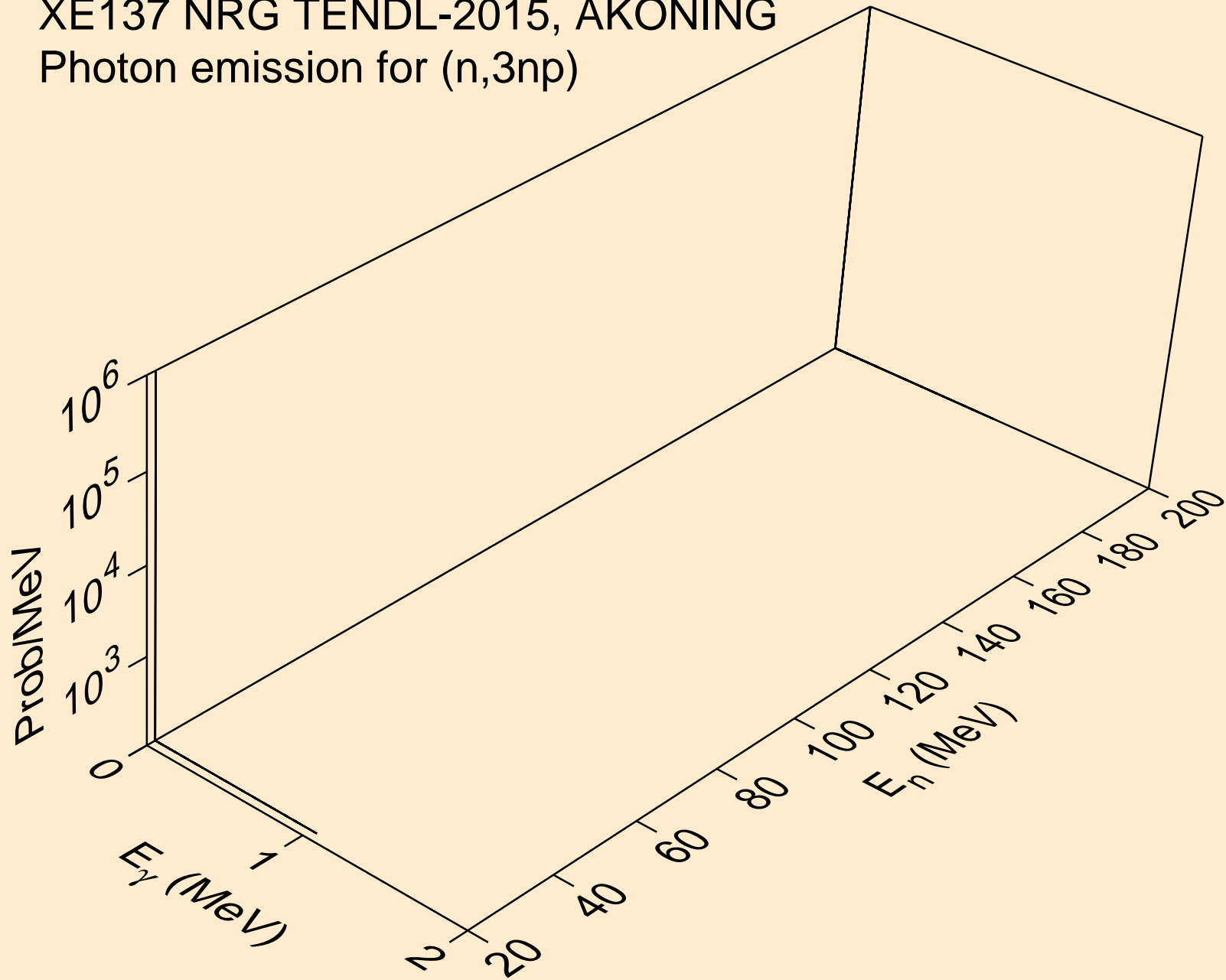
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



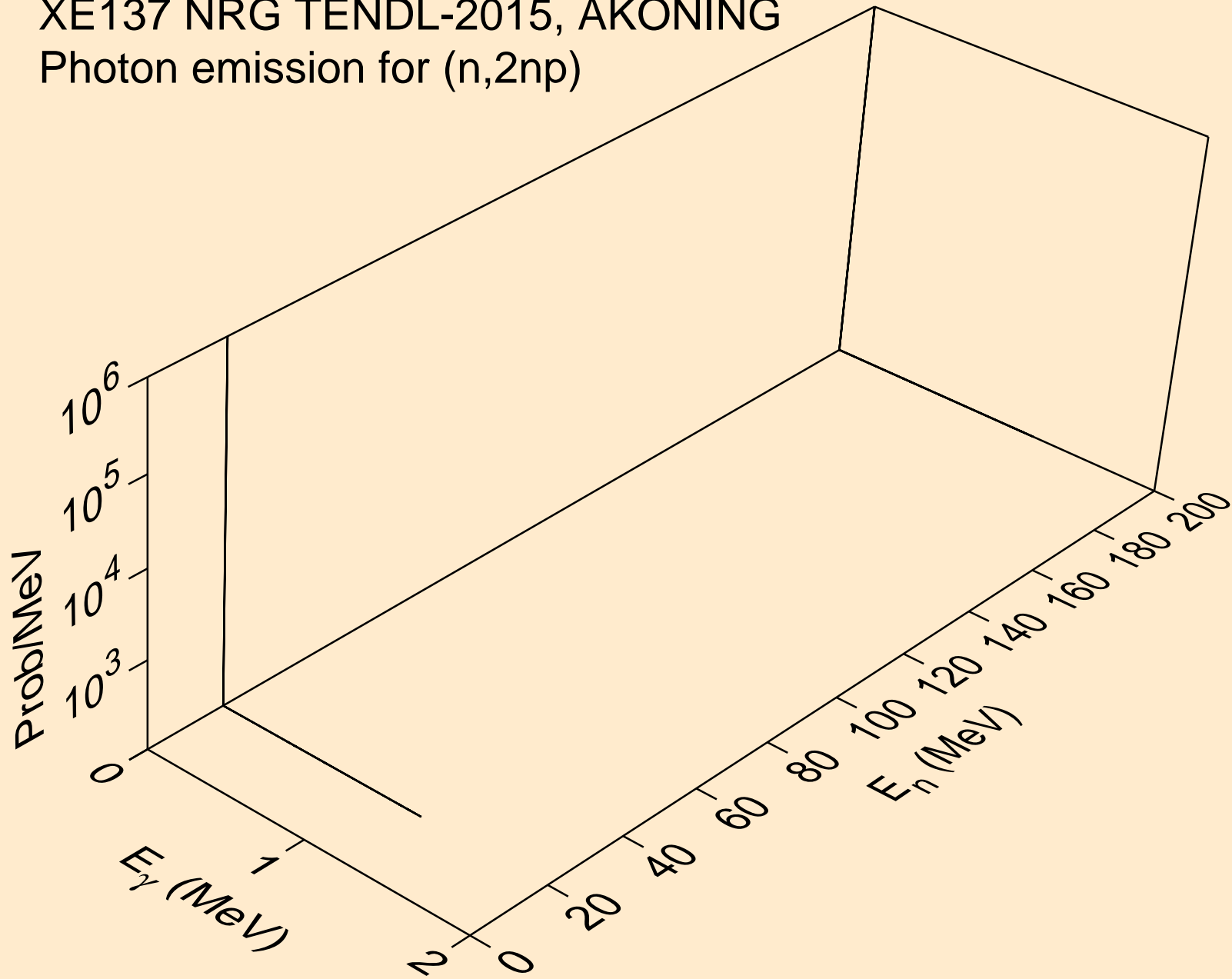
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



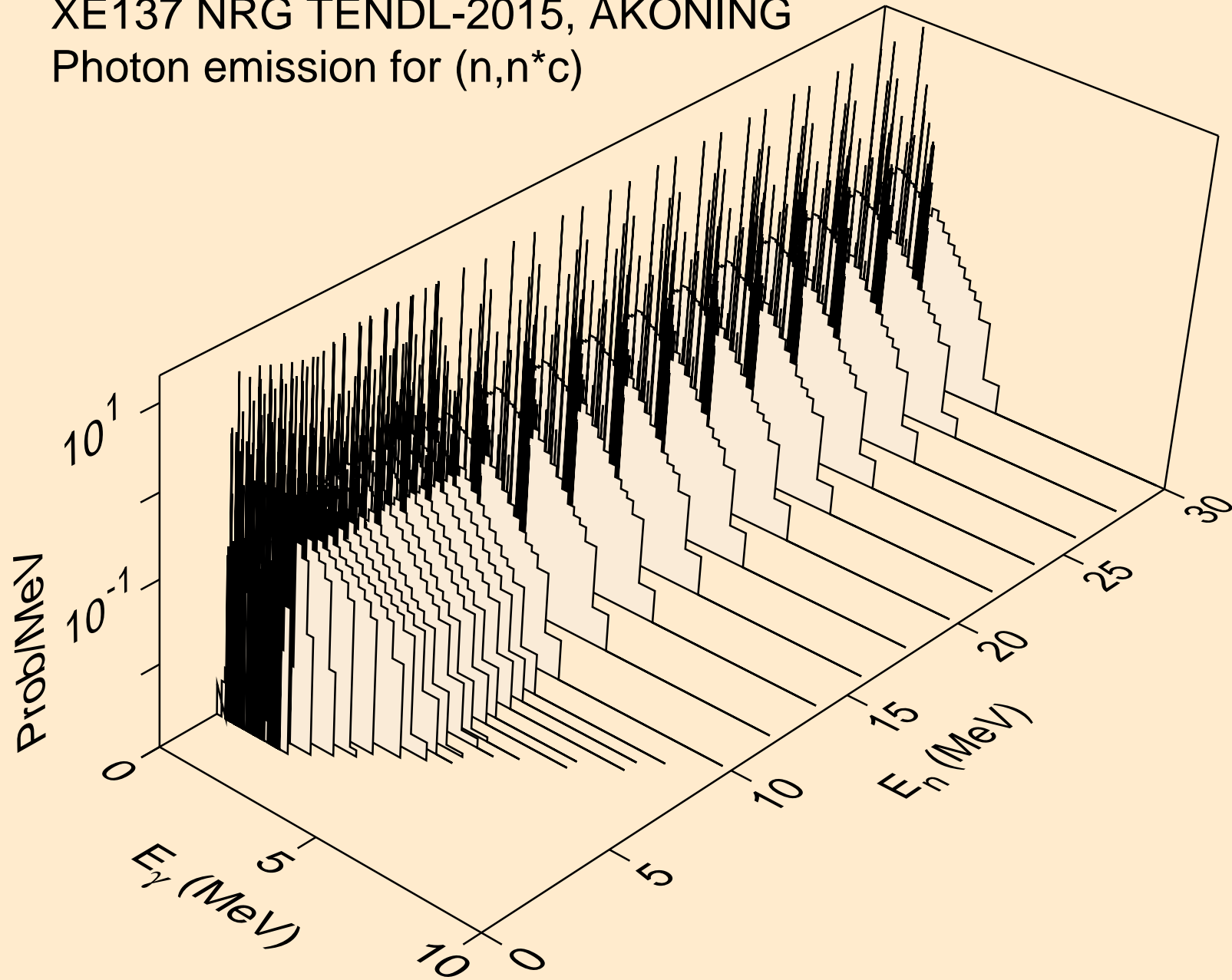
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



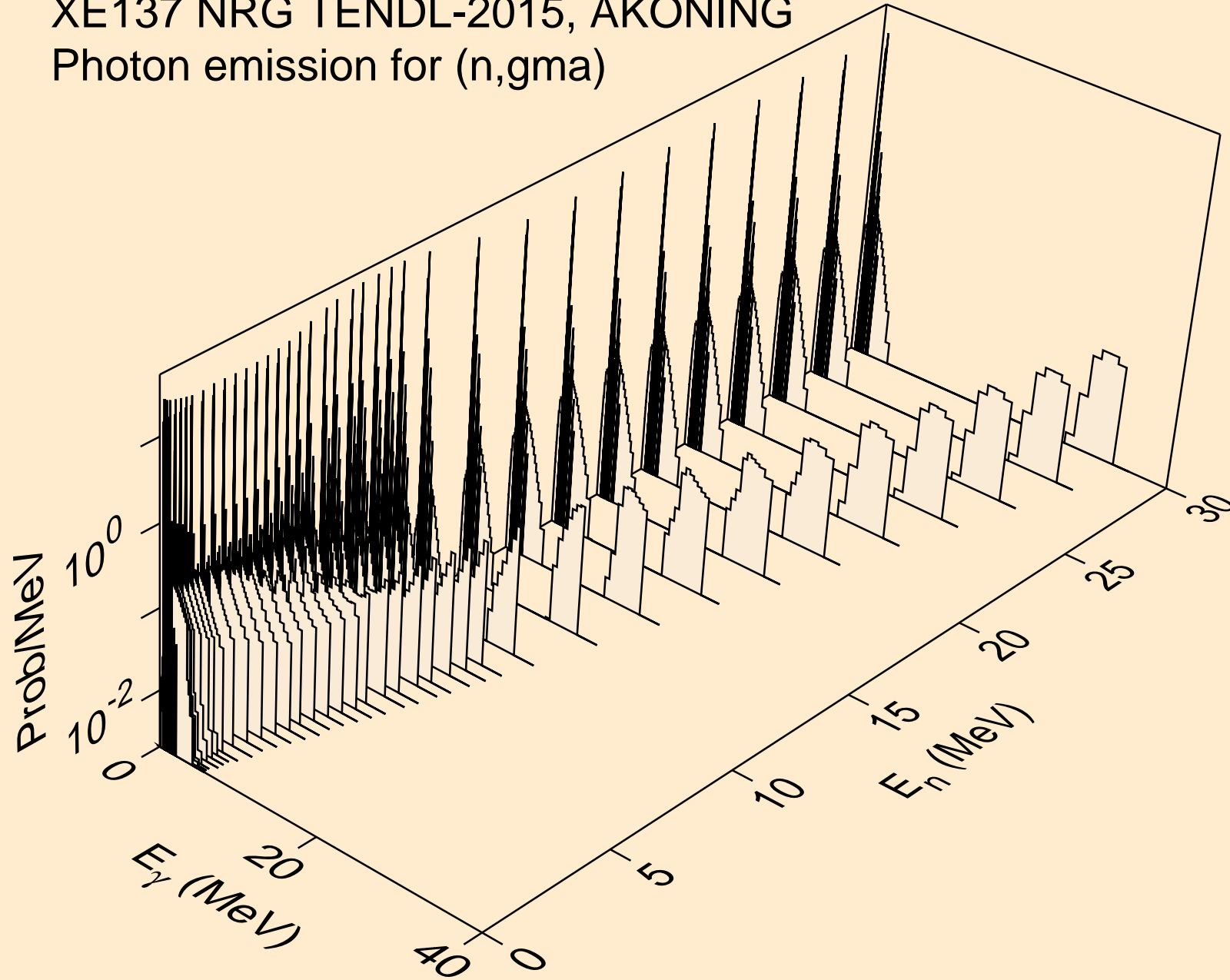
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

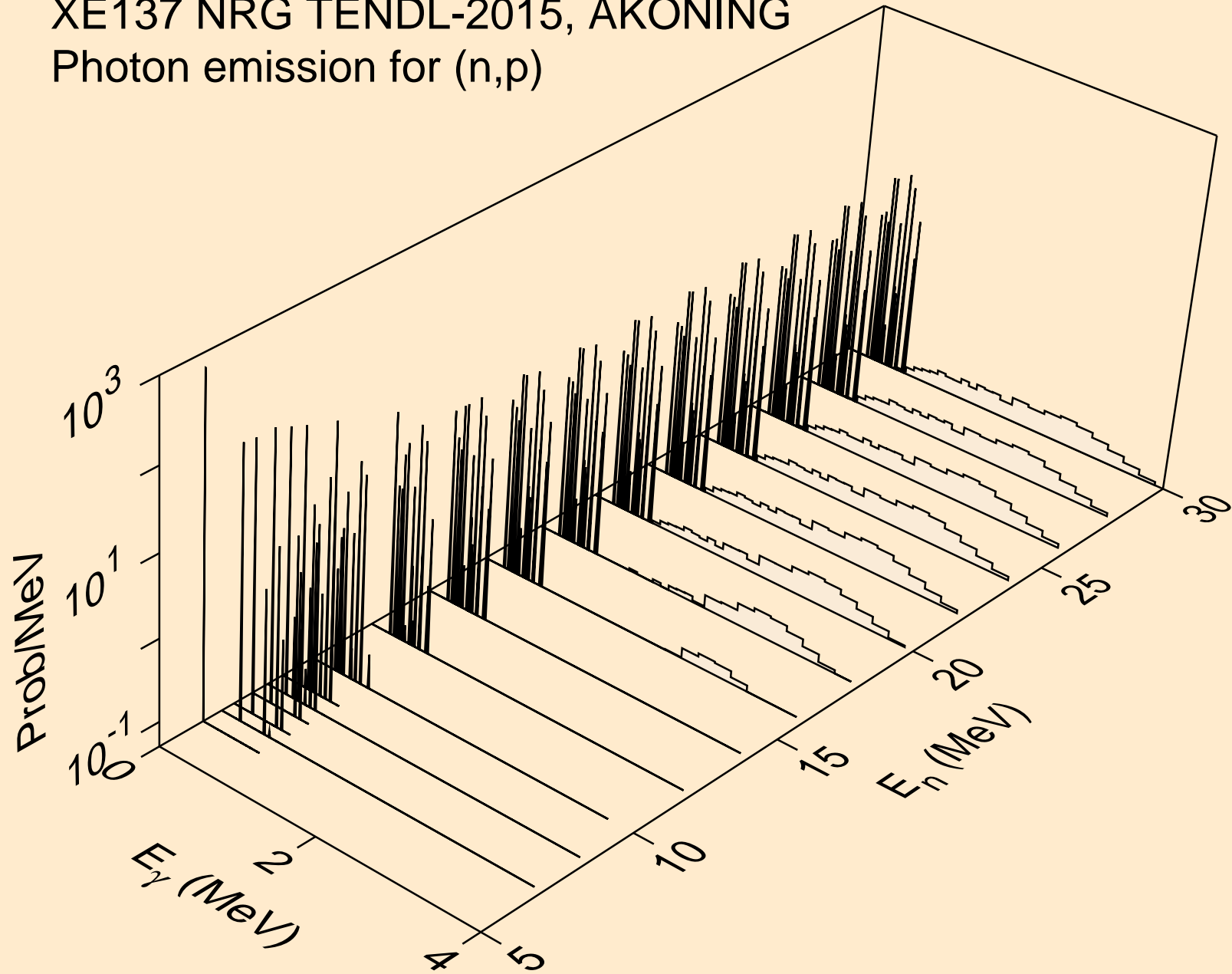


XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

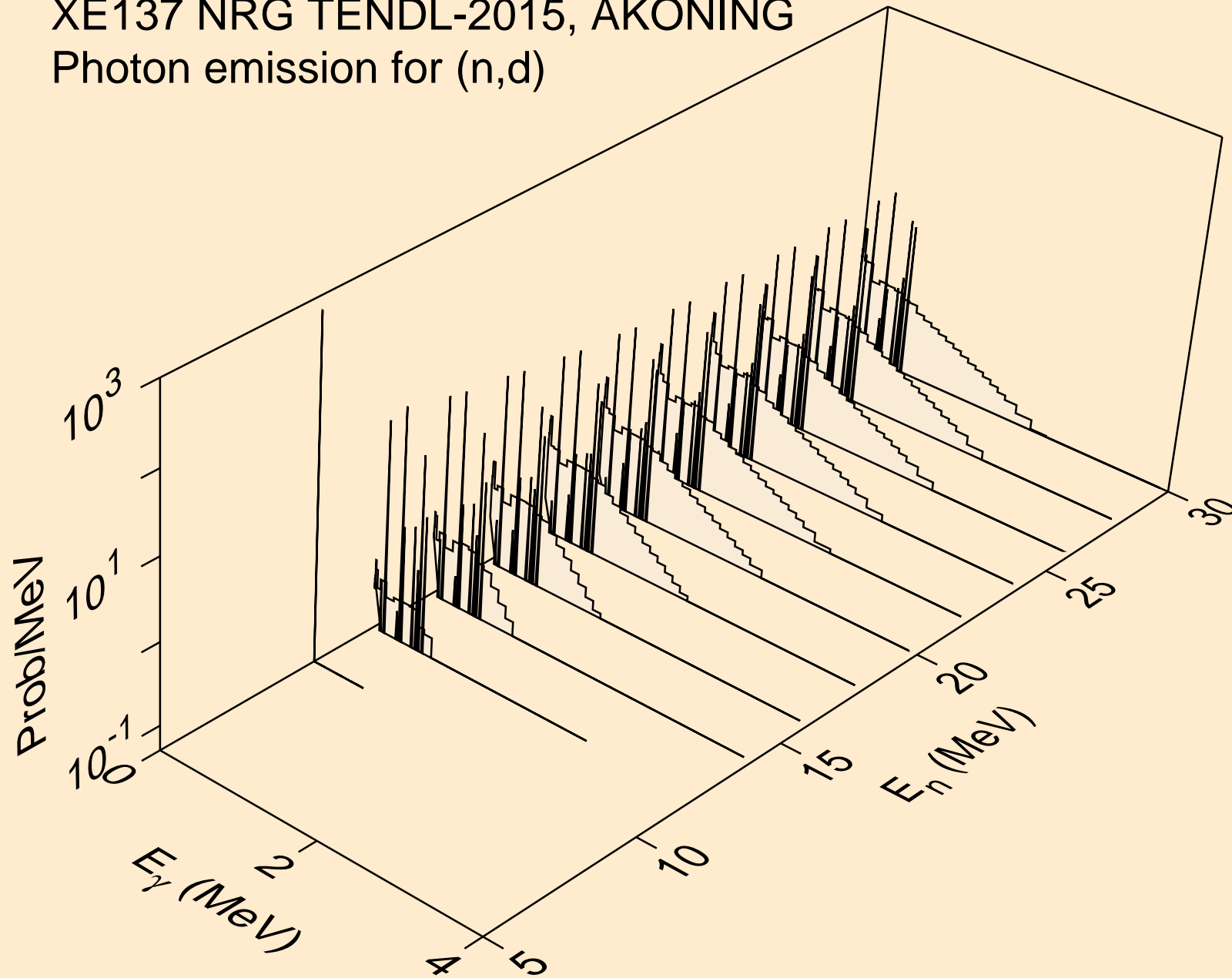




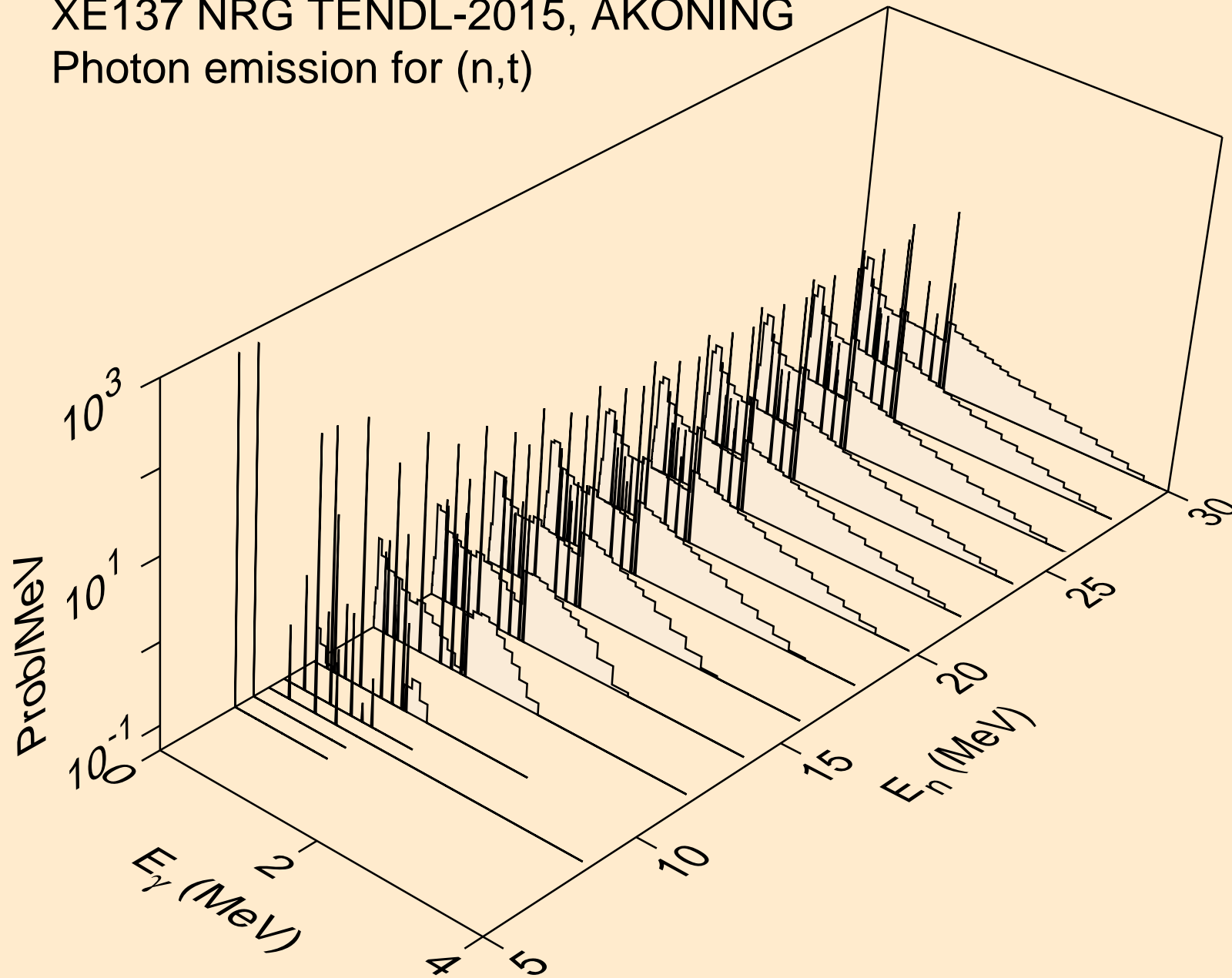
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



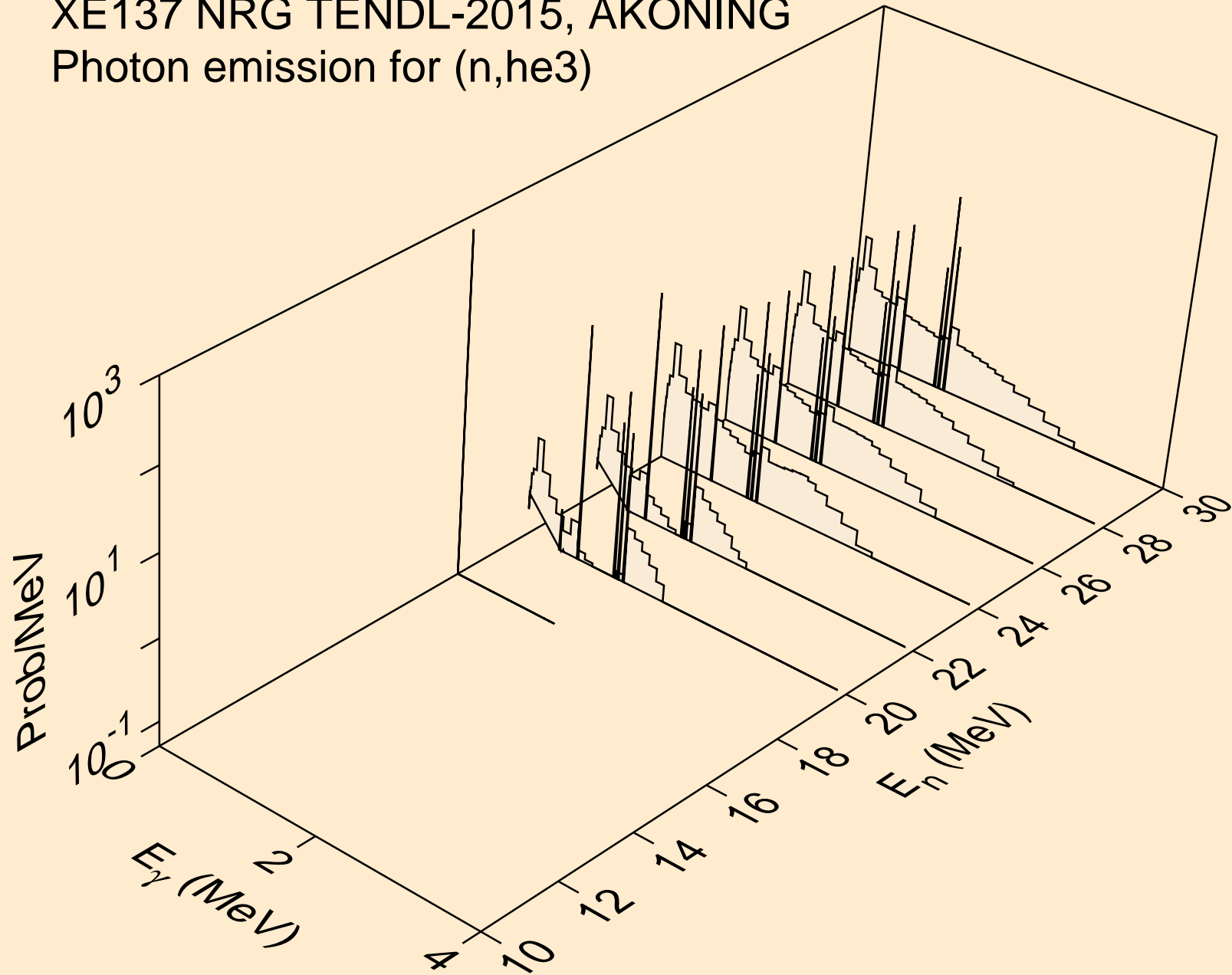
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



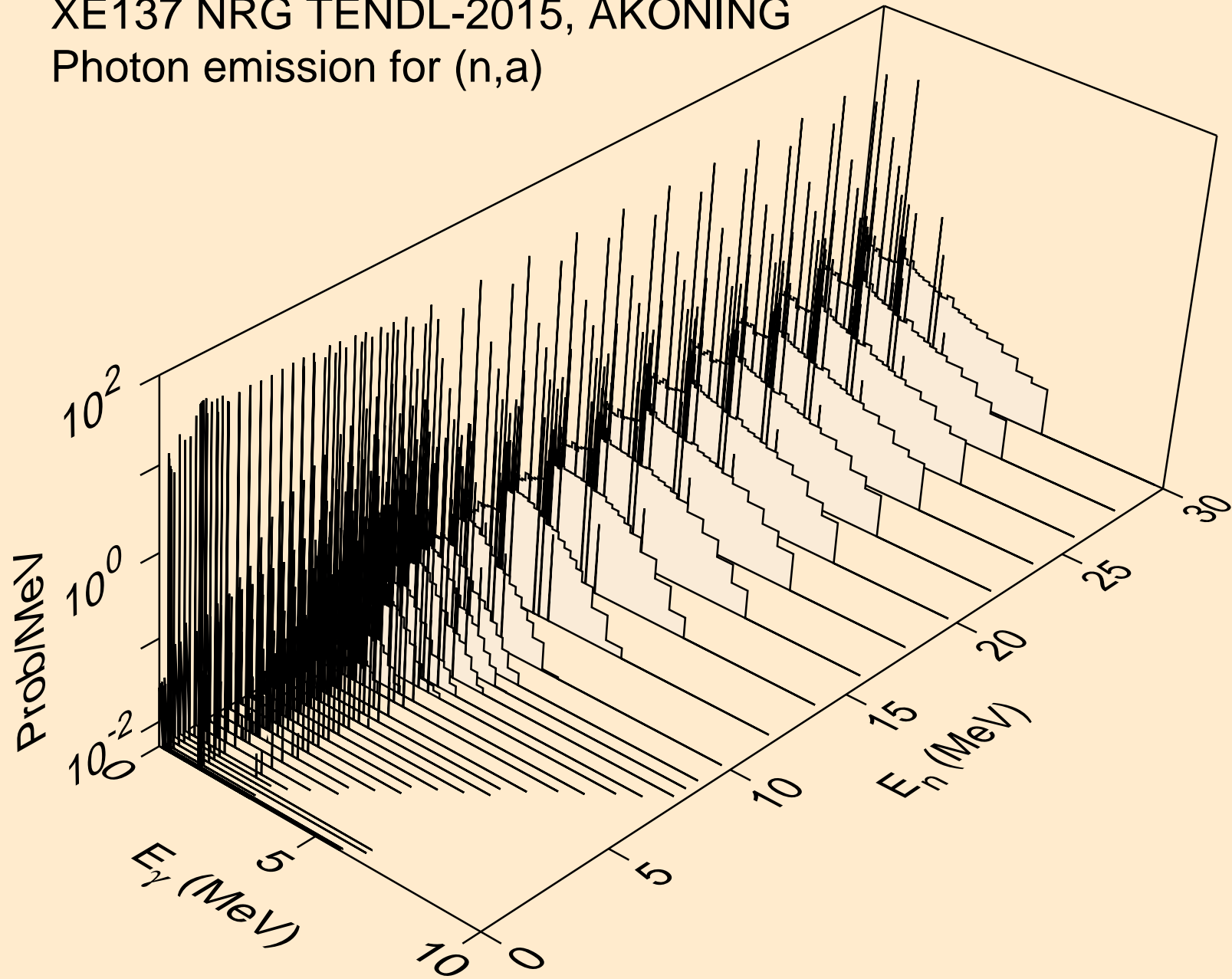
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



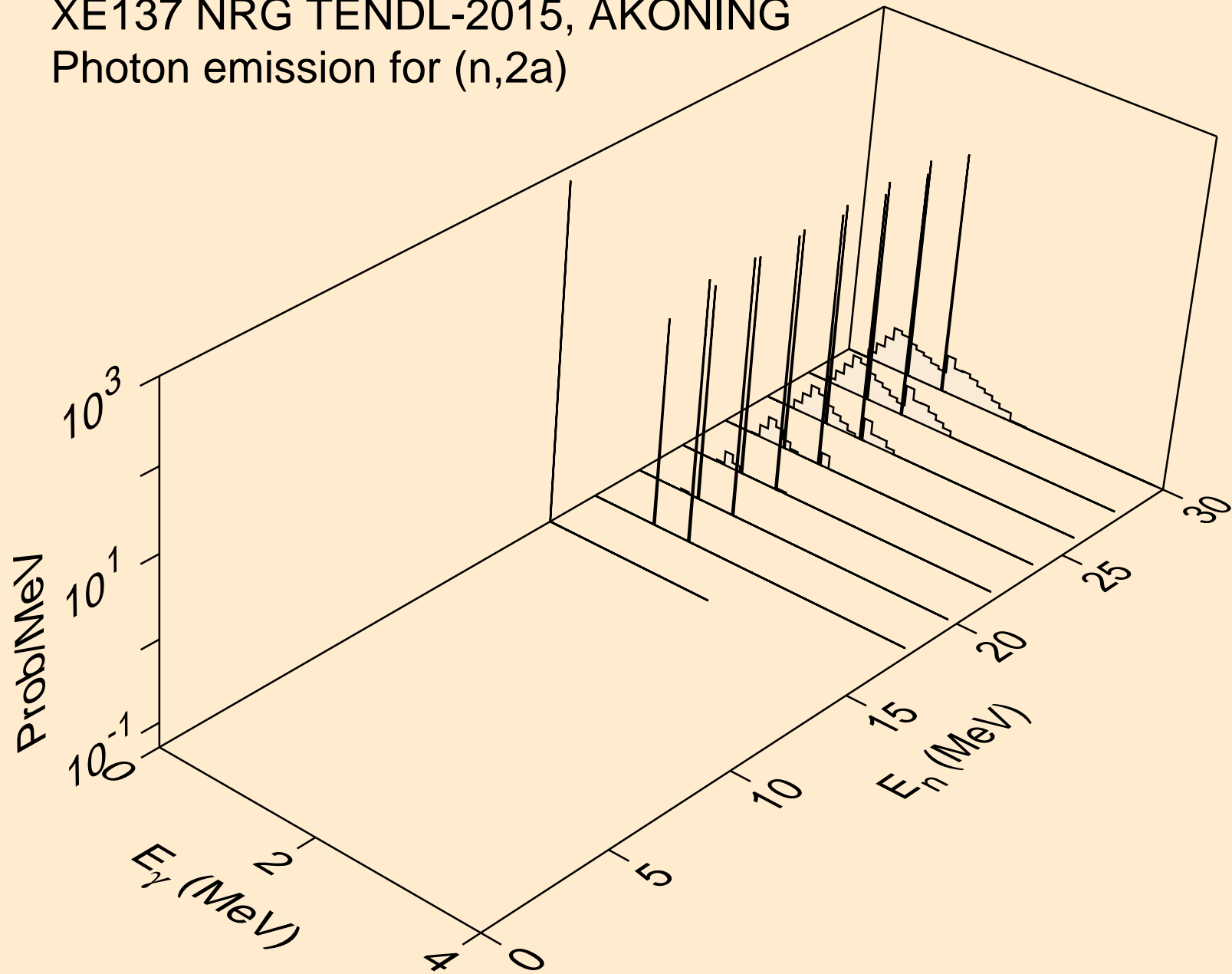
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



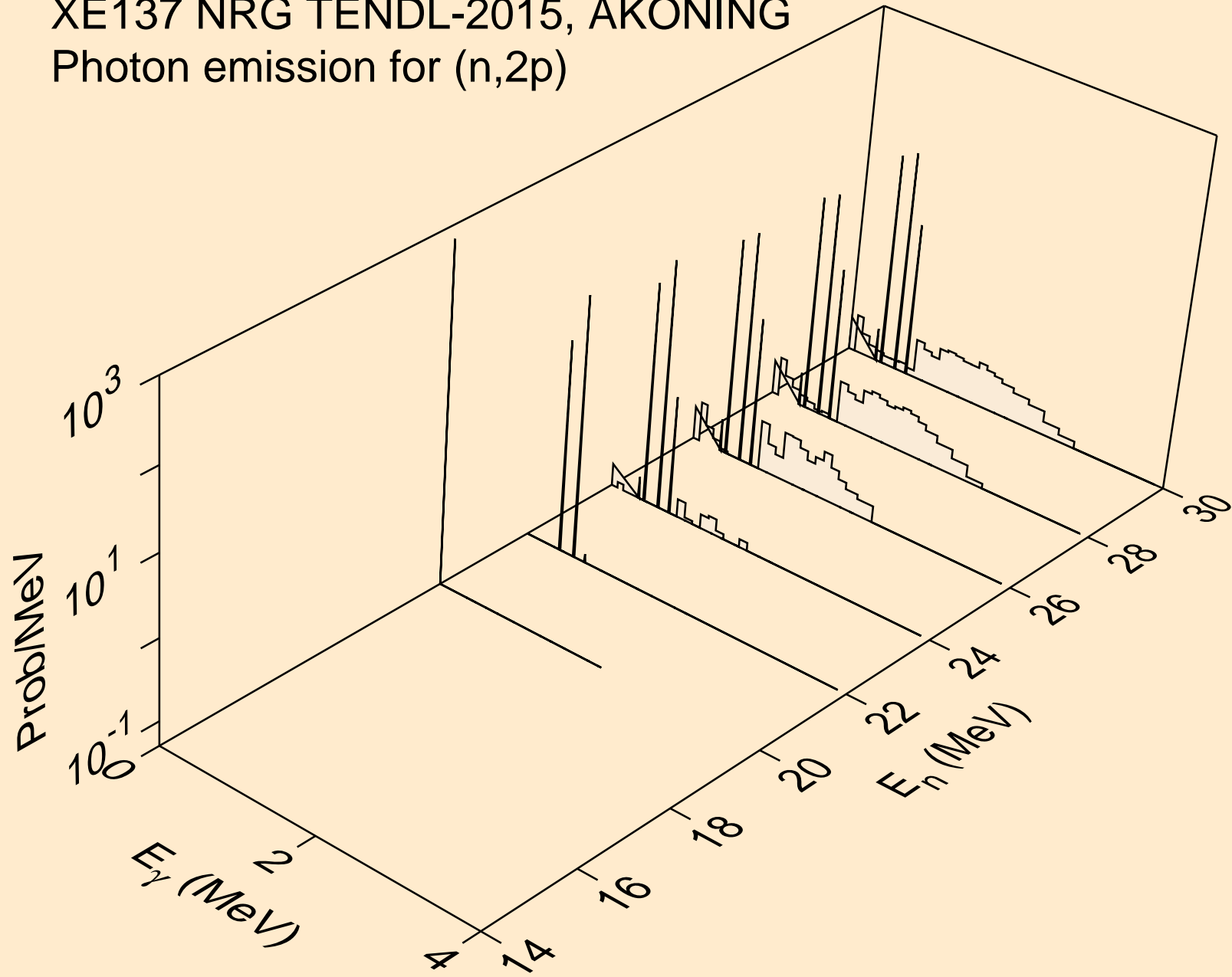
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



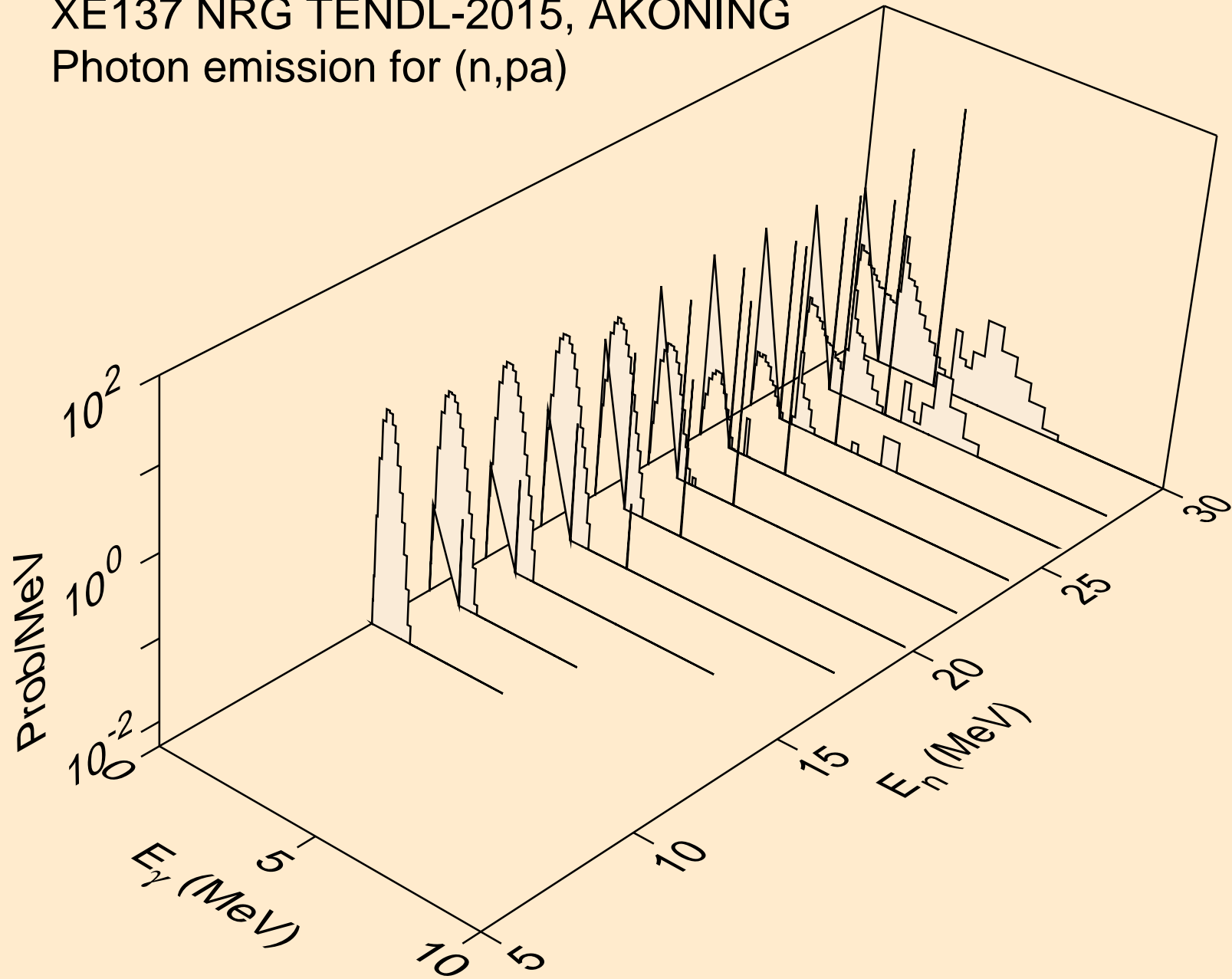
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

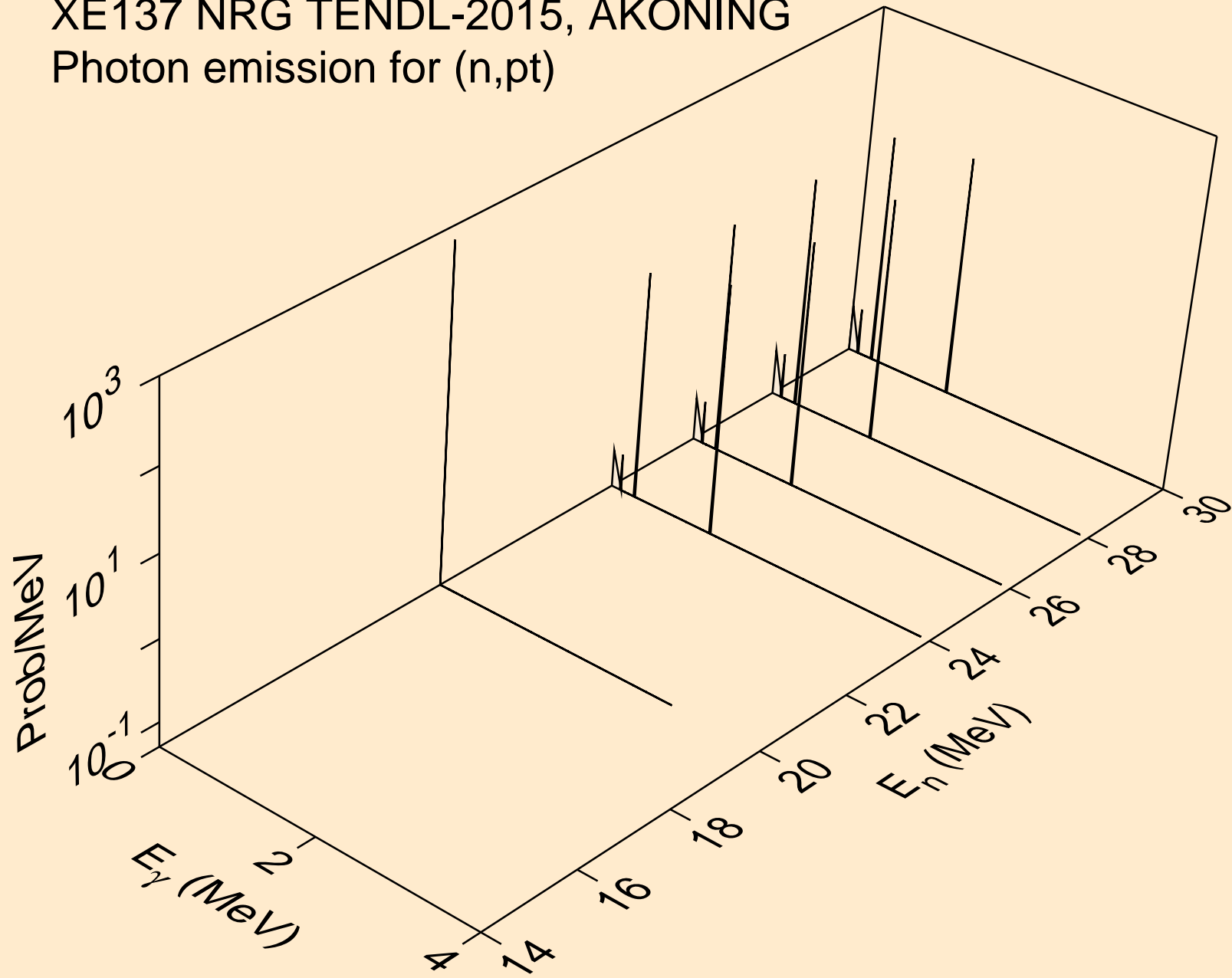


XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

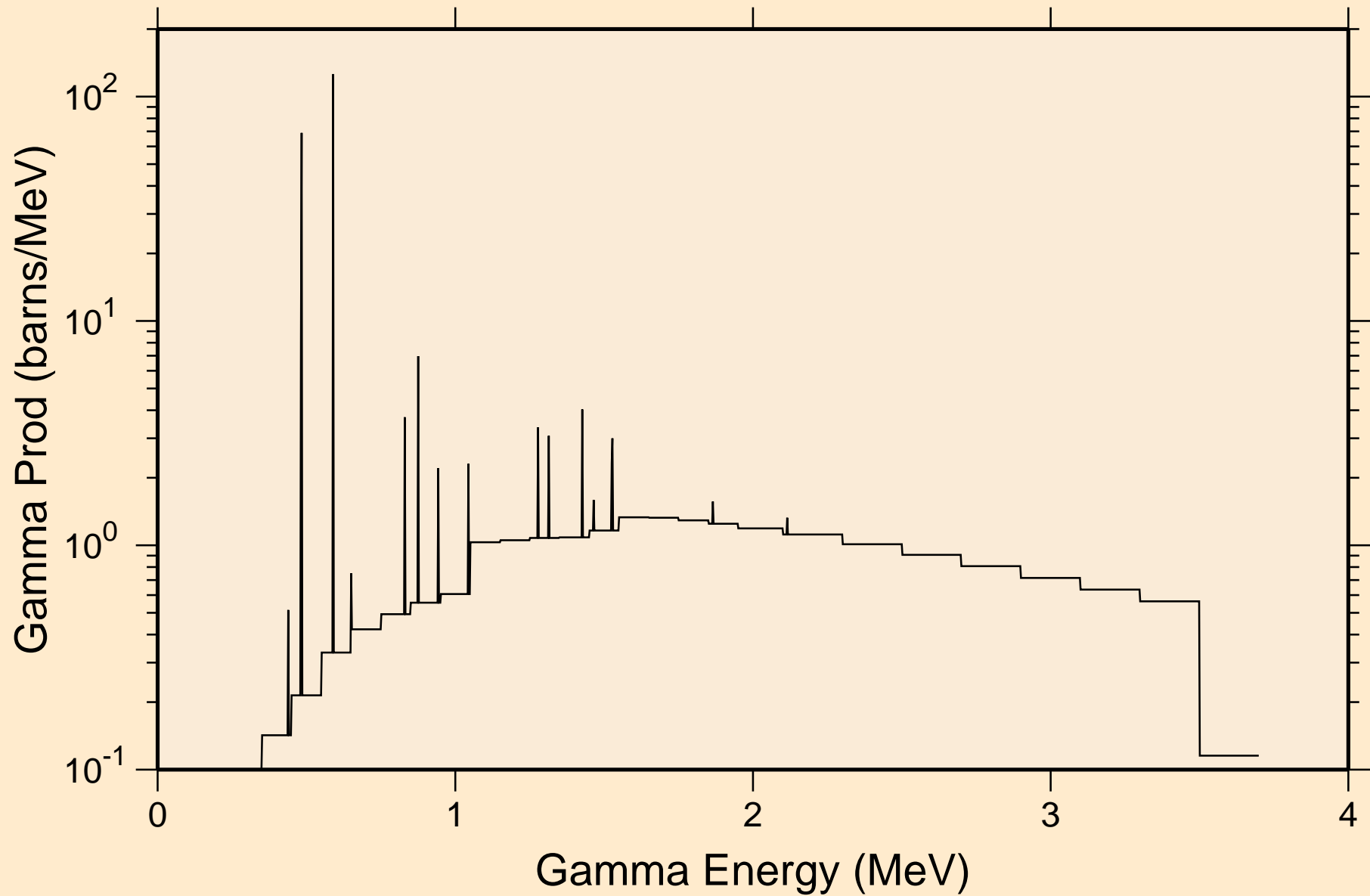




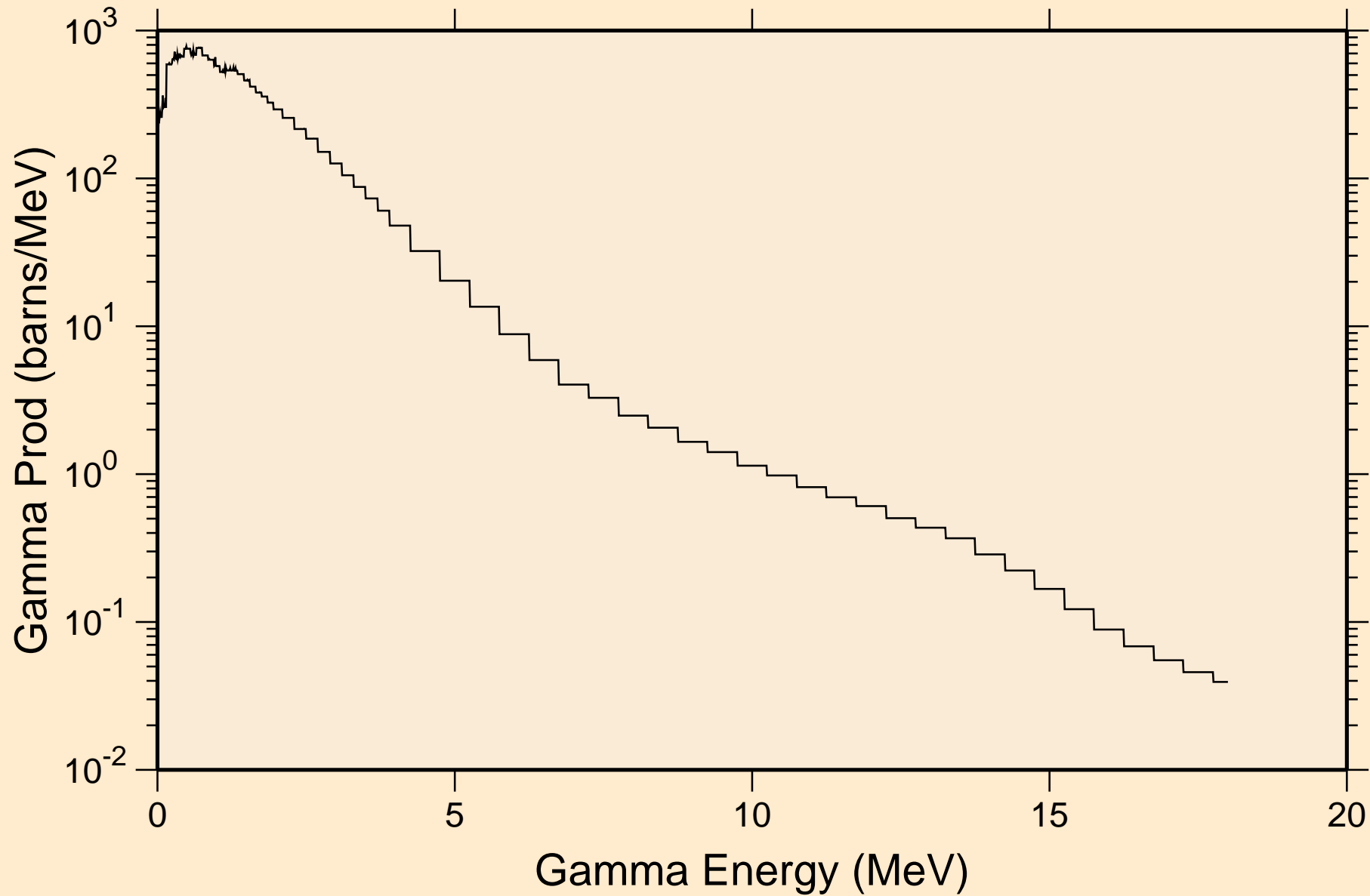
XE137 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



XE137 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

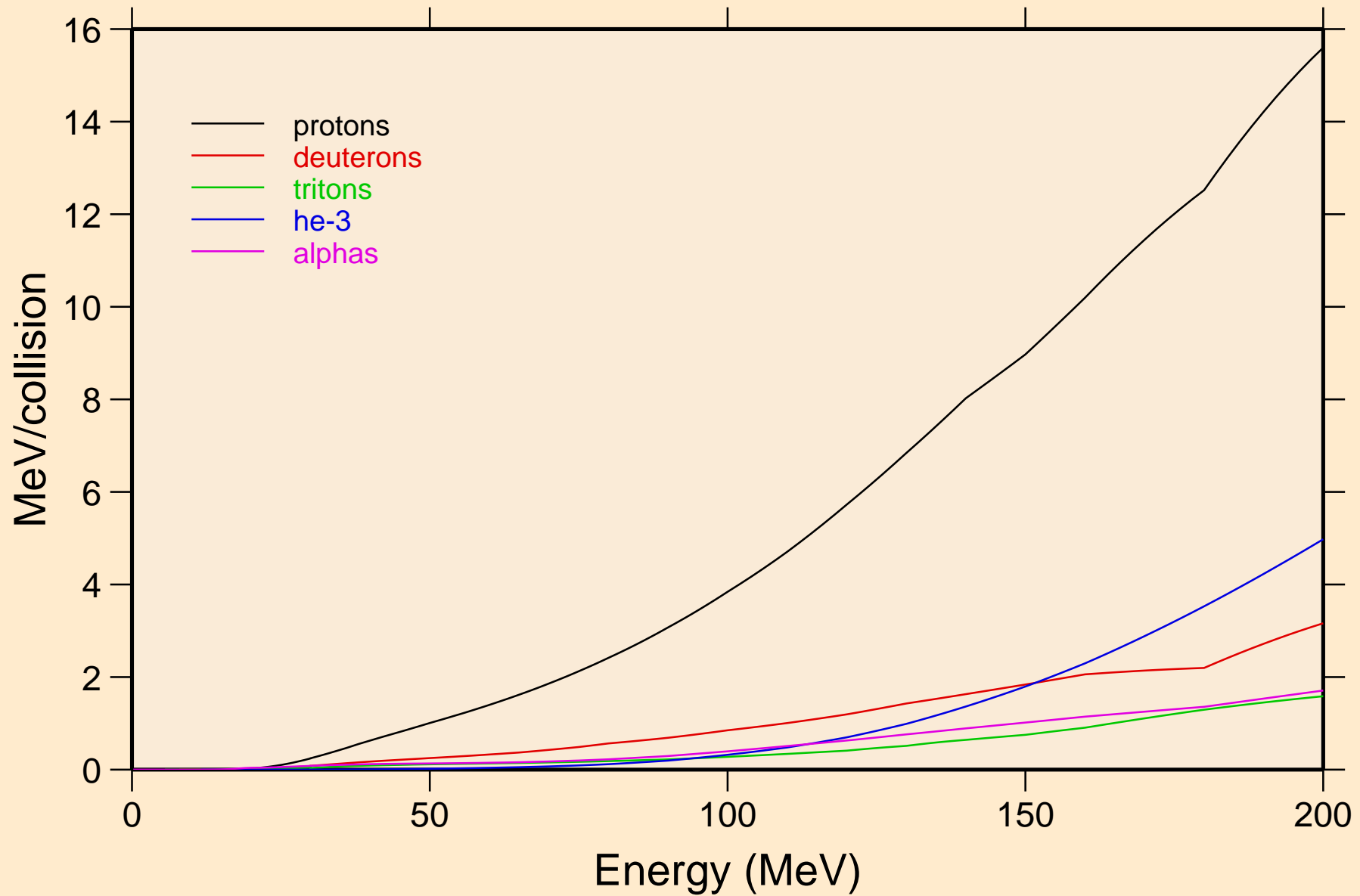


XE137 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



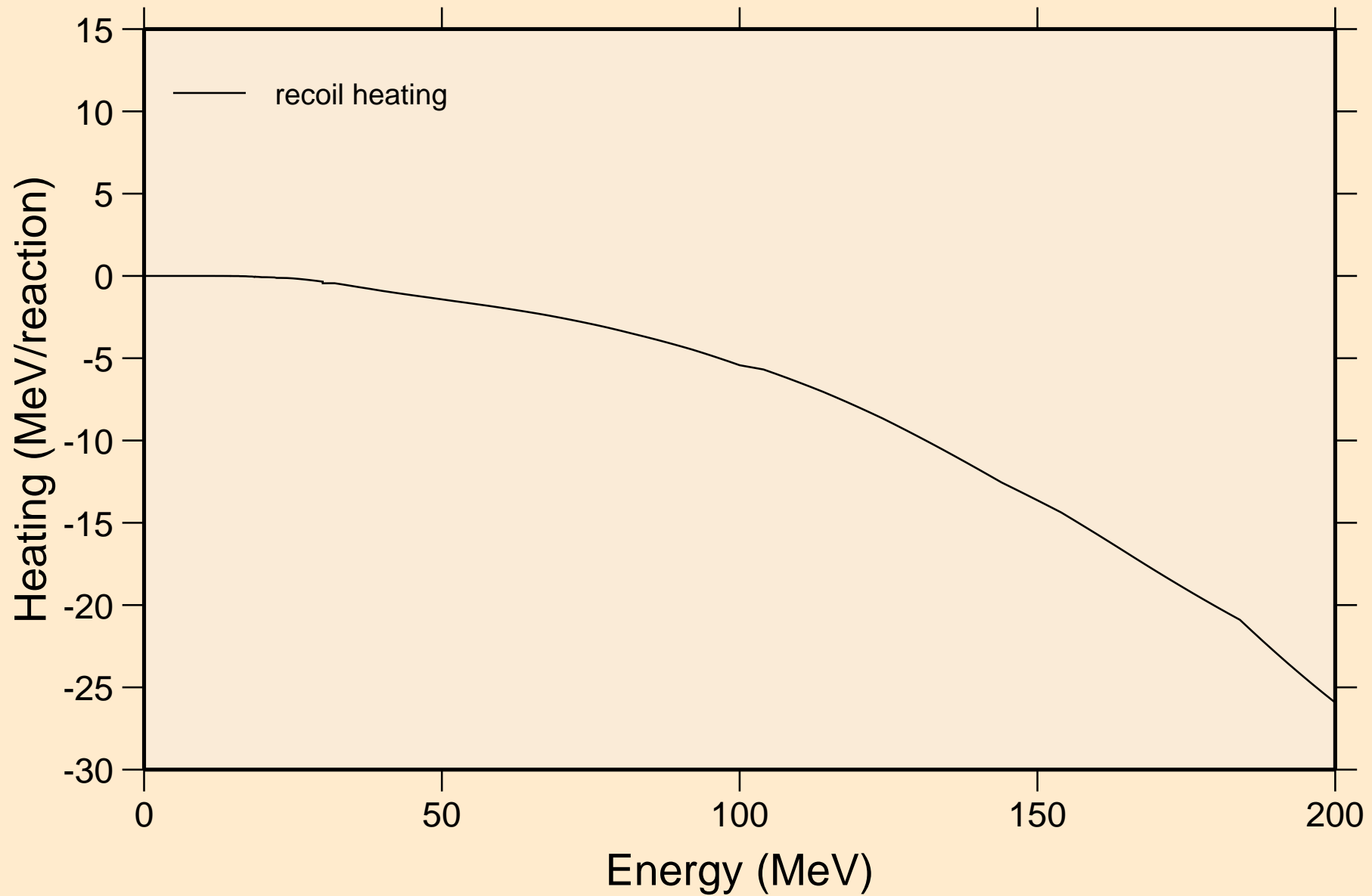
# XE137 NRG TENDL-2015, AKONING

## Particle heating contributions



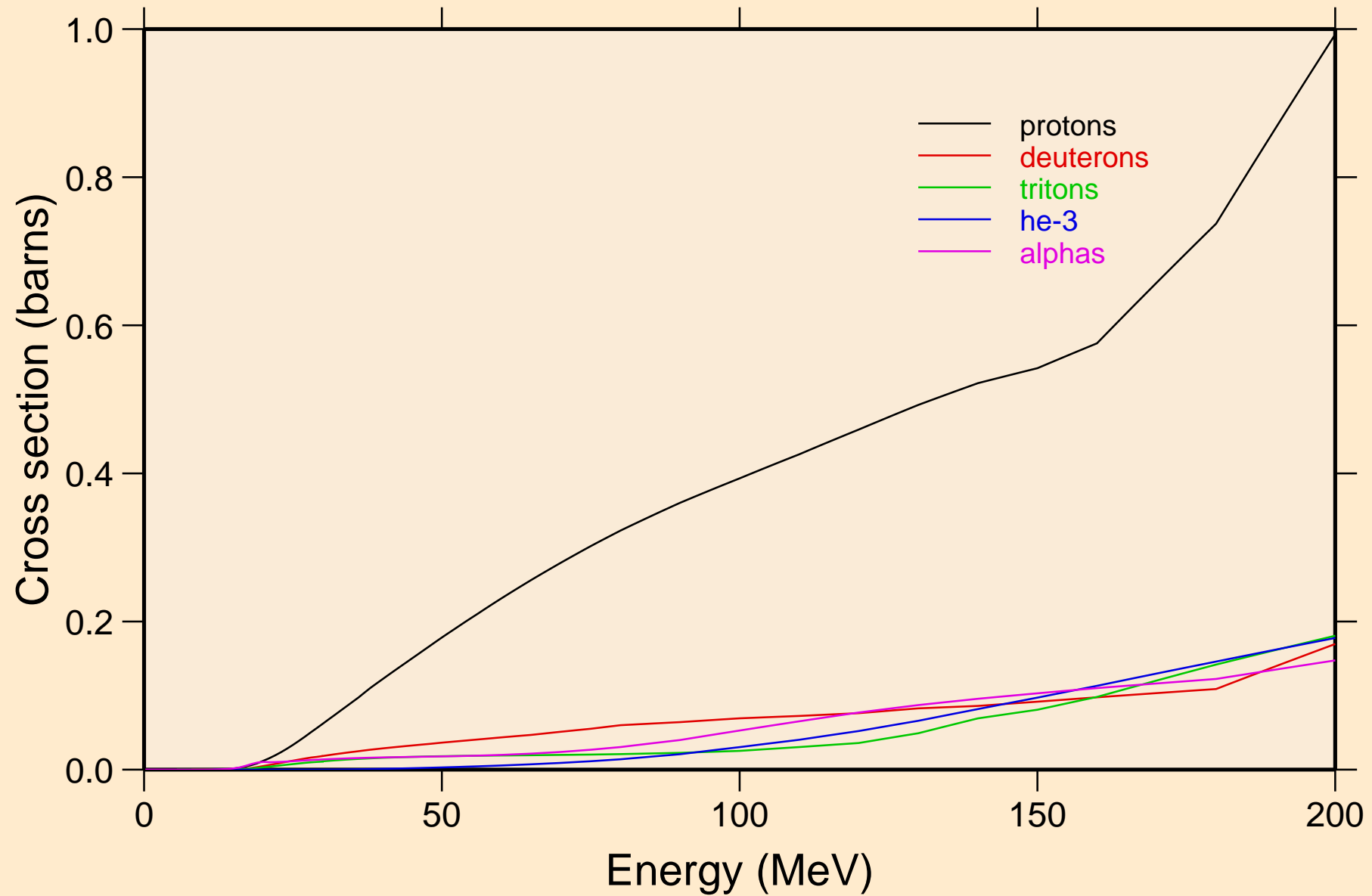
# XE137 NRG TENDL-2015, AKONING

## Recoil Heating

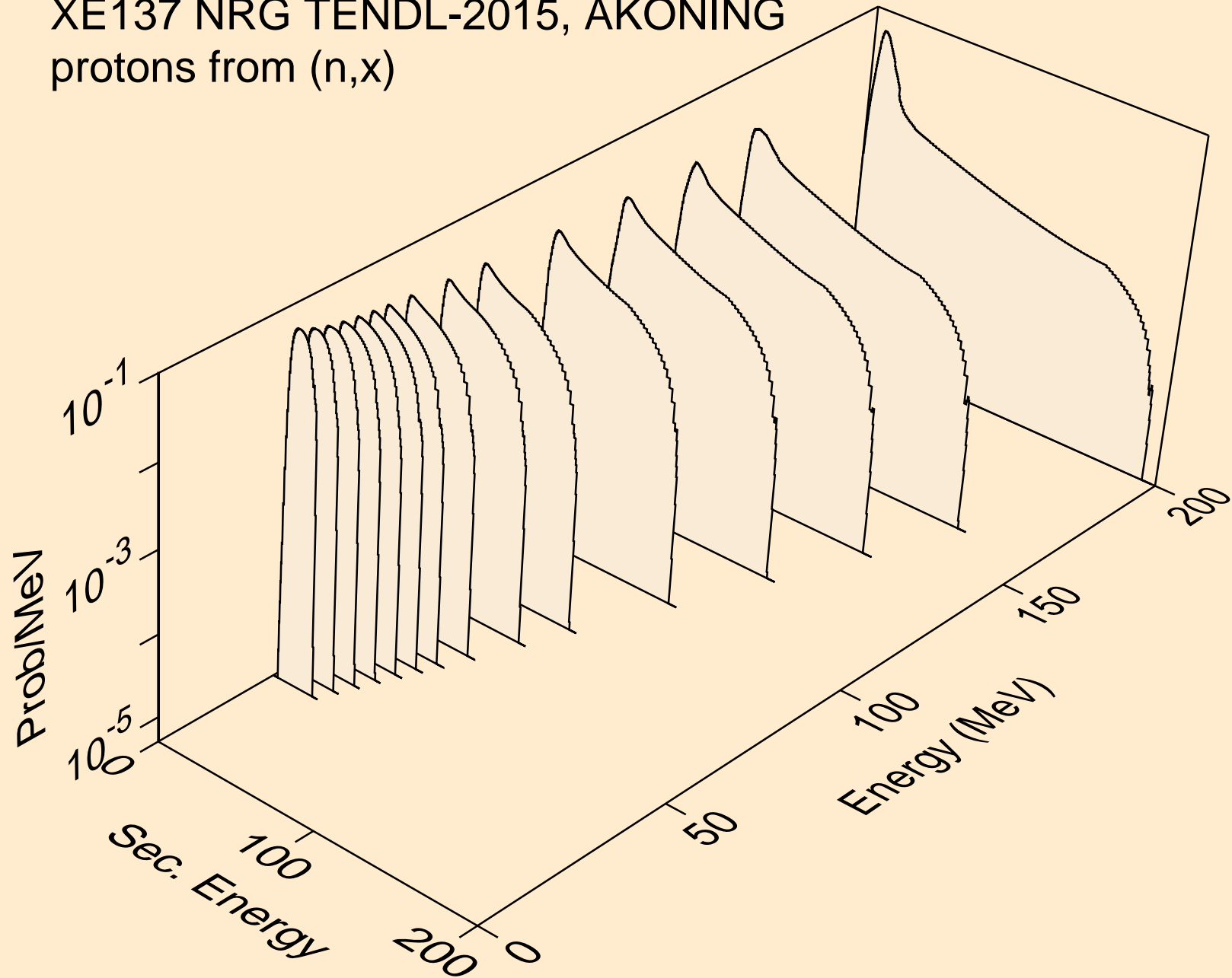


# XE137 NRG TENDL-2015, AKONING

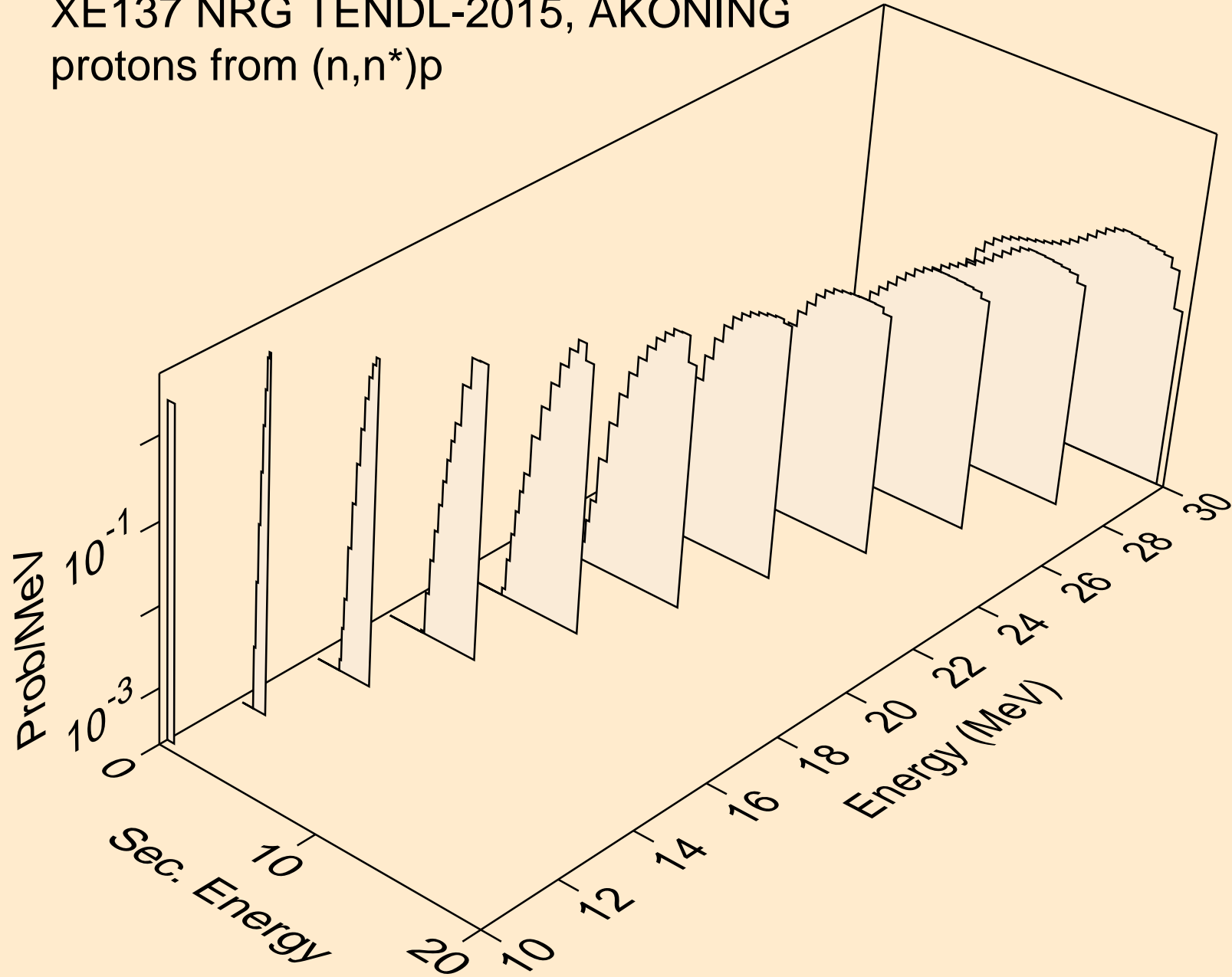
## Particle production cross sections



XE137 NRG TENDL-2015, AKONING  
protons from (n,x)

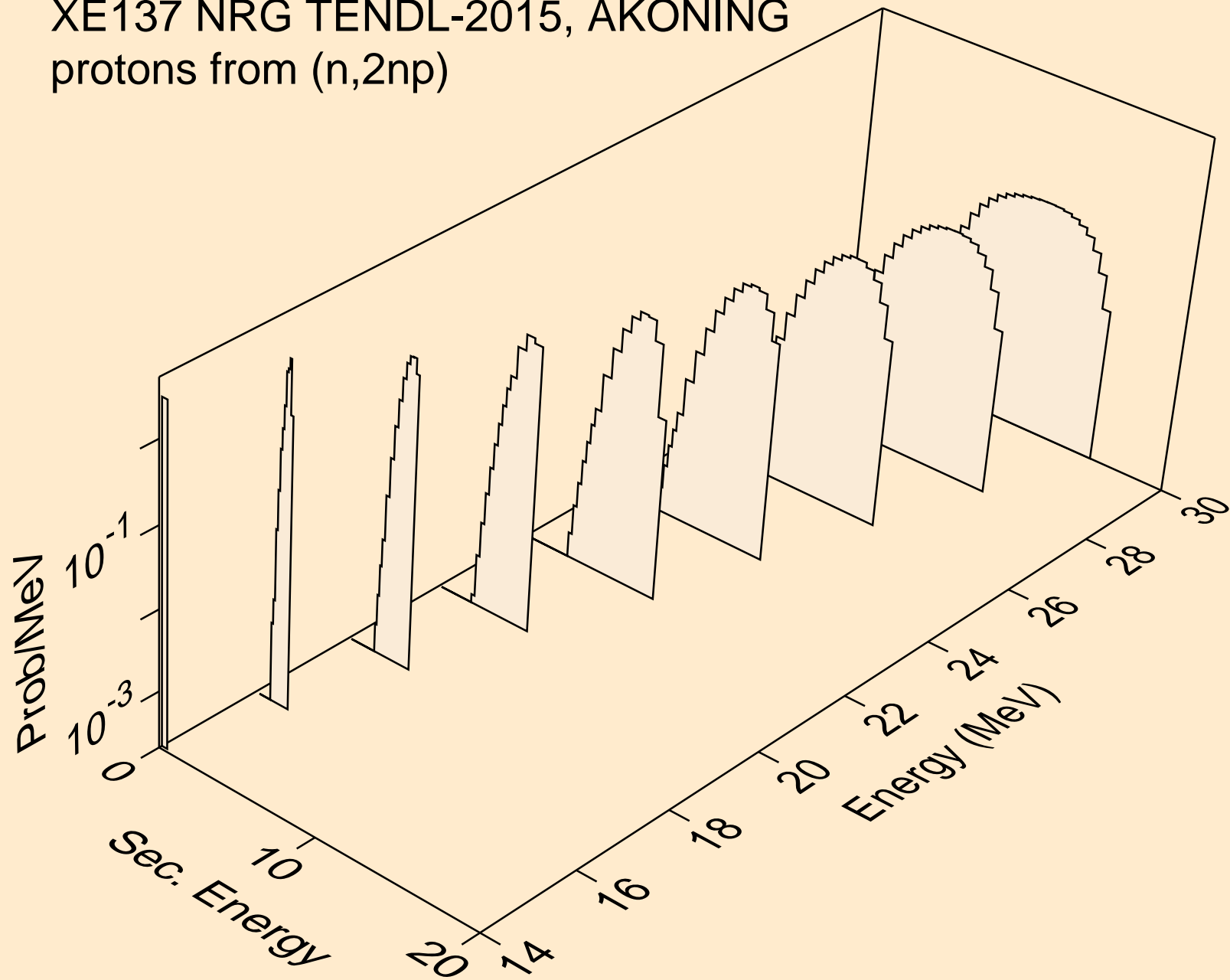


XE137 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

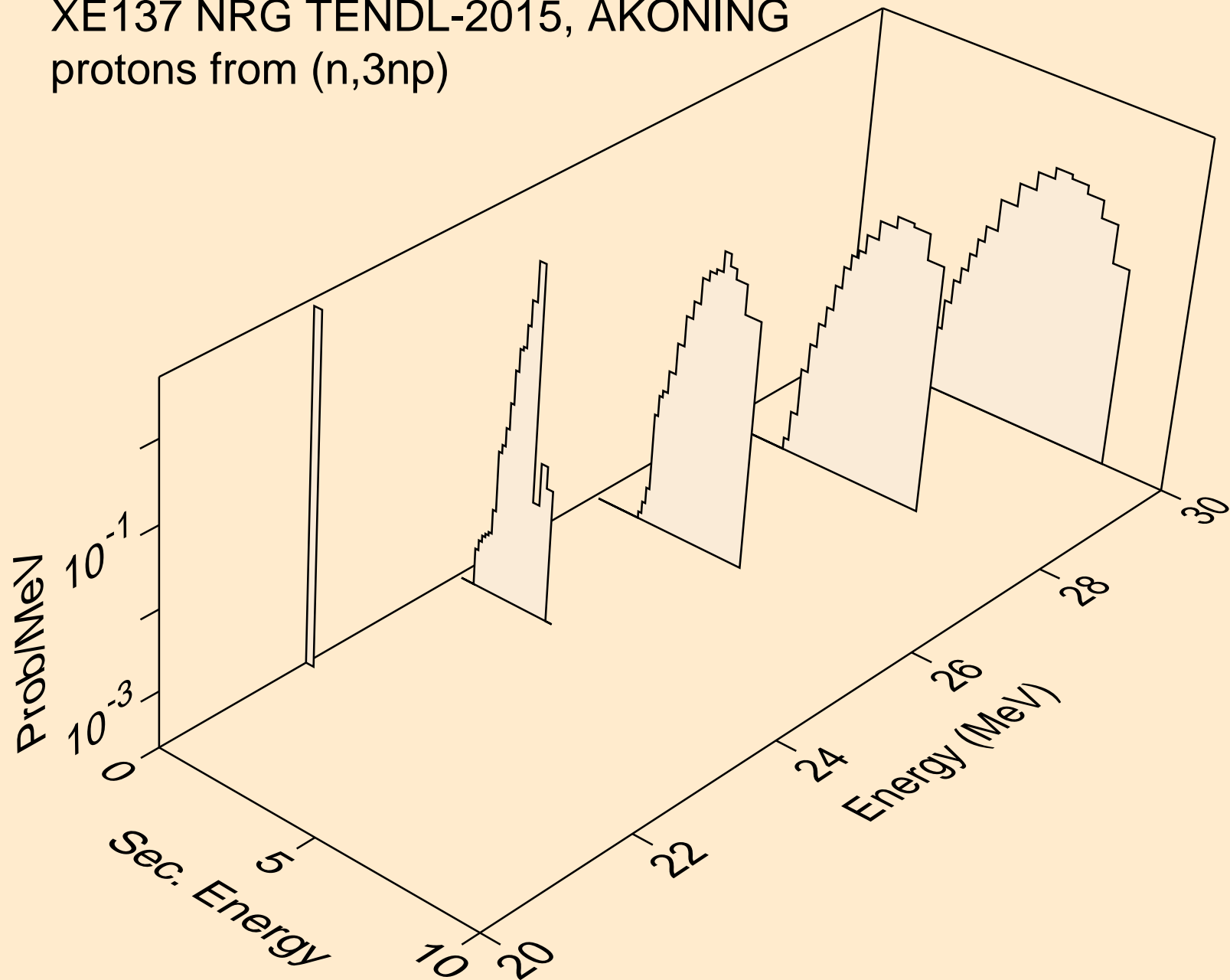




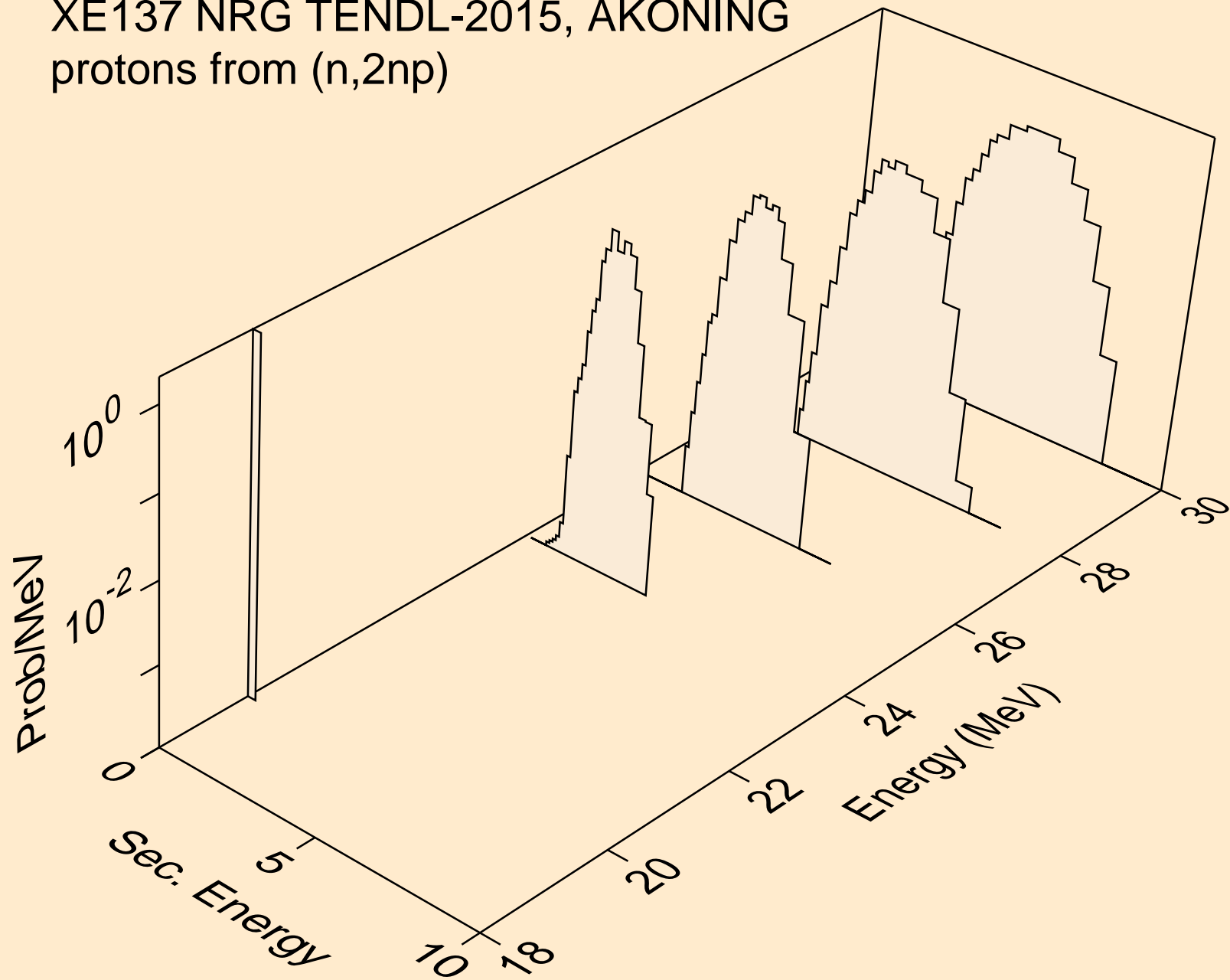
XE137 NRG TENDL-2015, AKONING  
protons from (n,2np)



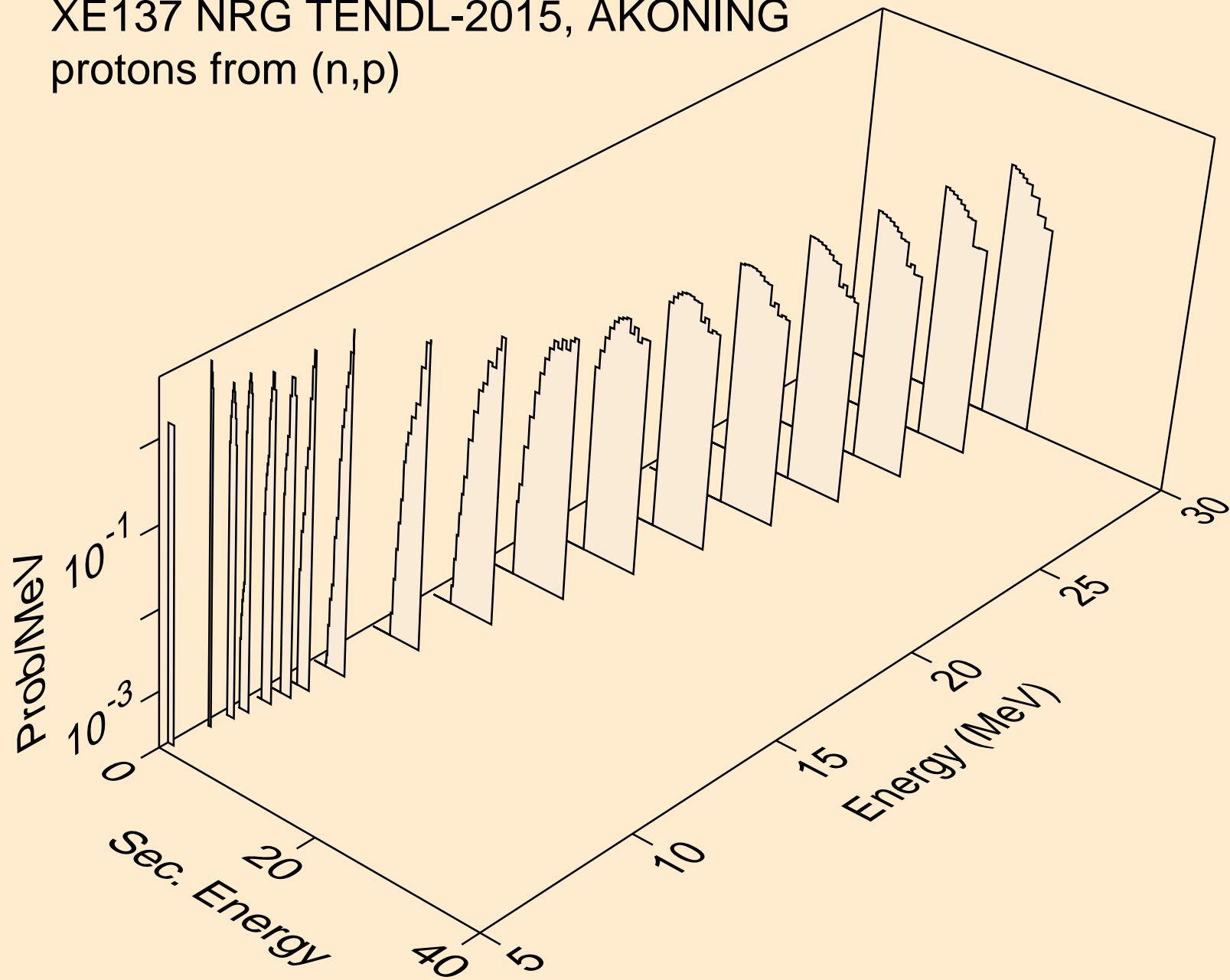
XE137 NRG TENDL-2015, AKONING  
protons from (n,3np)



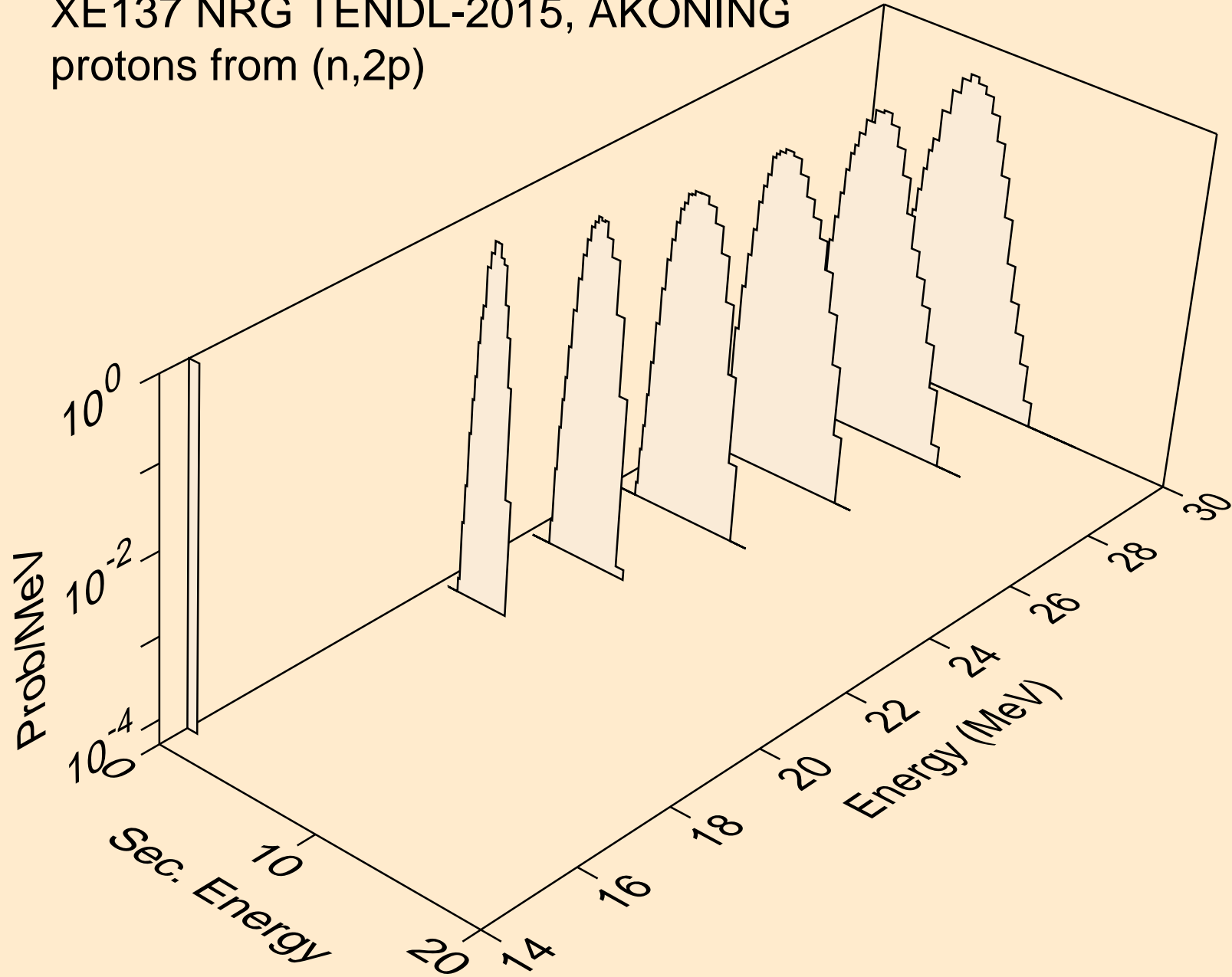
XE137 NRG TENDL-2015, AKONING  
protons from (n,2np)



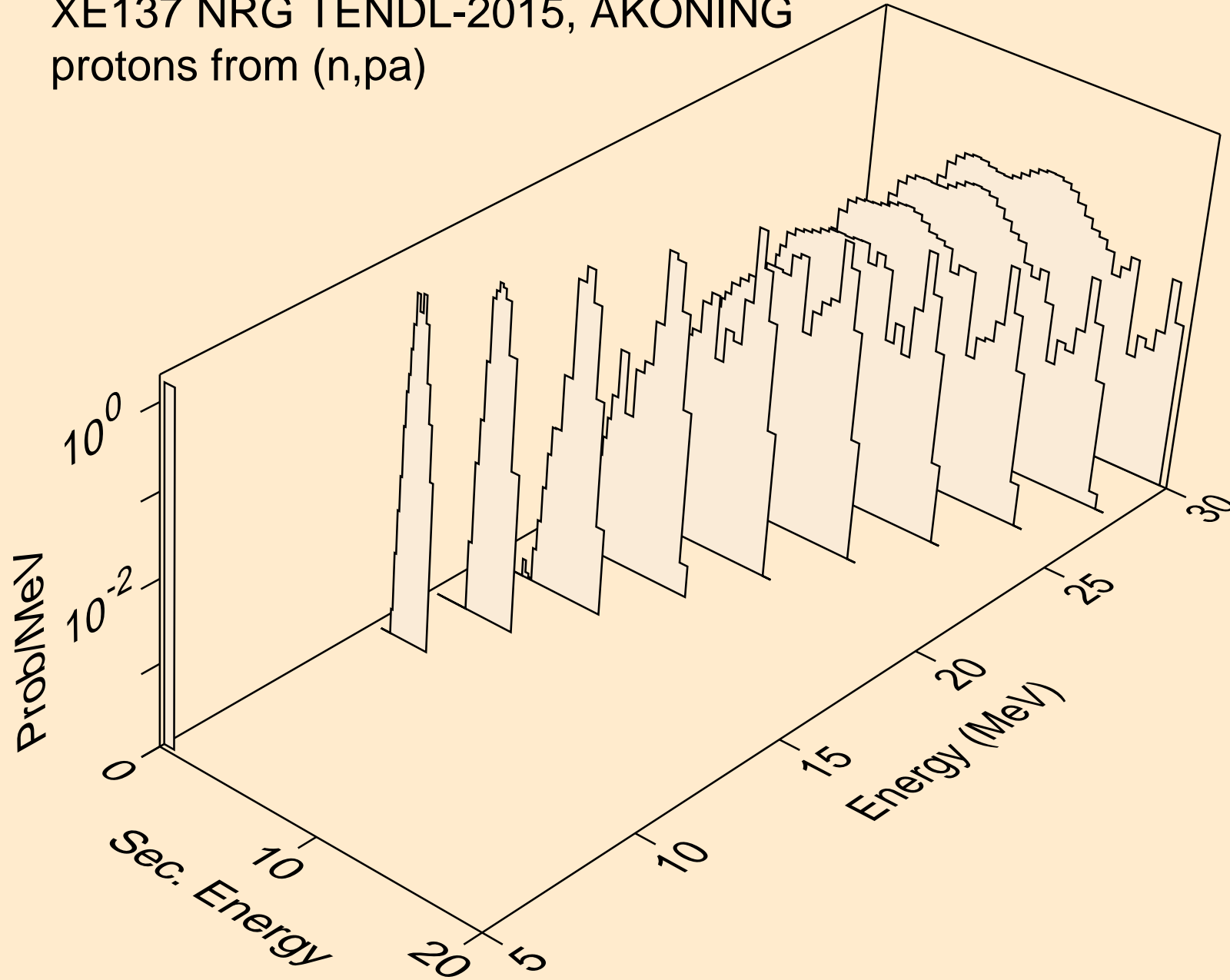
XE137 NRG TENDL-2015, AKONING  
protons from (n,p)



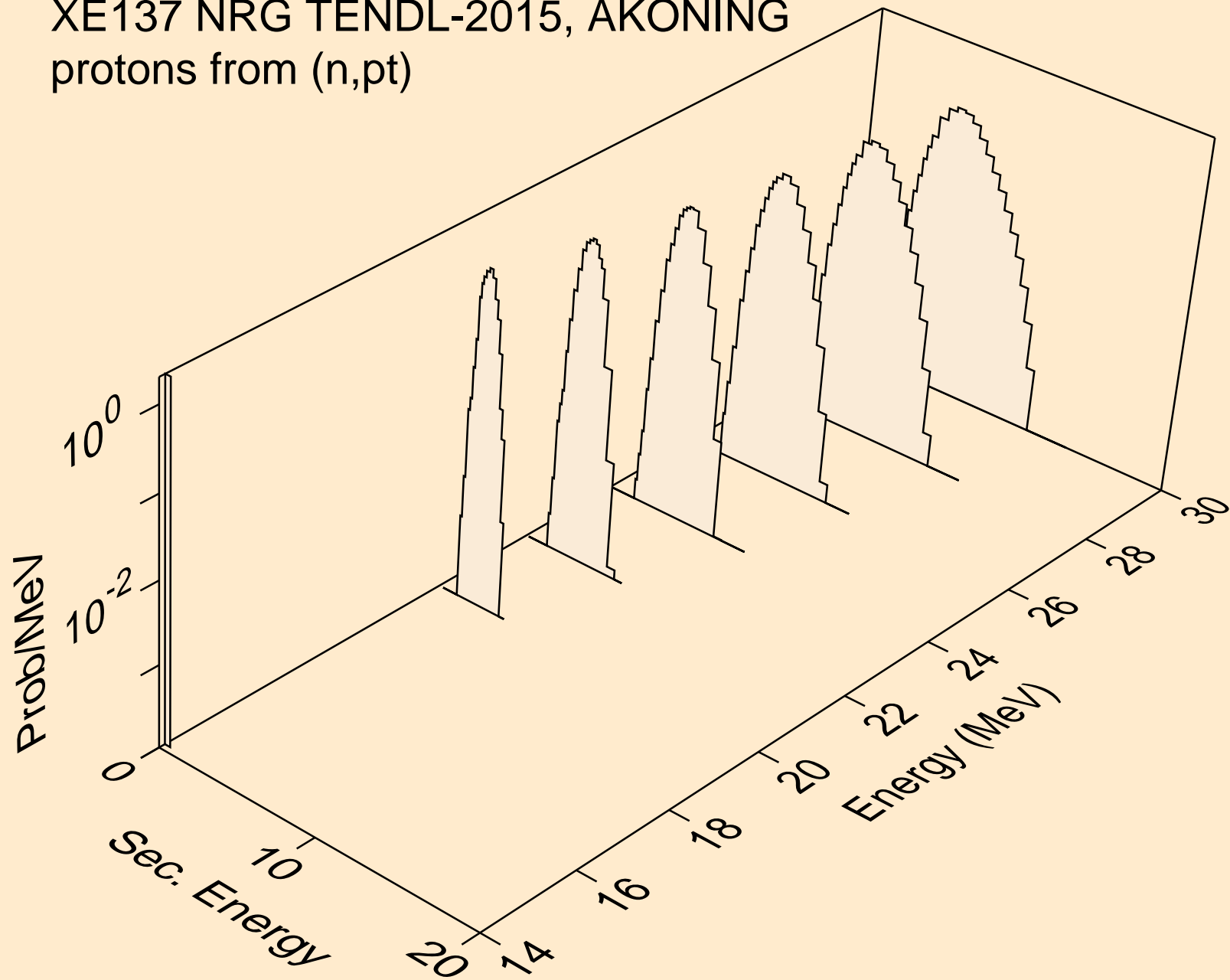
XE137 NRG TENDL-2015, AKONING  
protons from (n,2p)



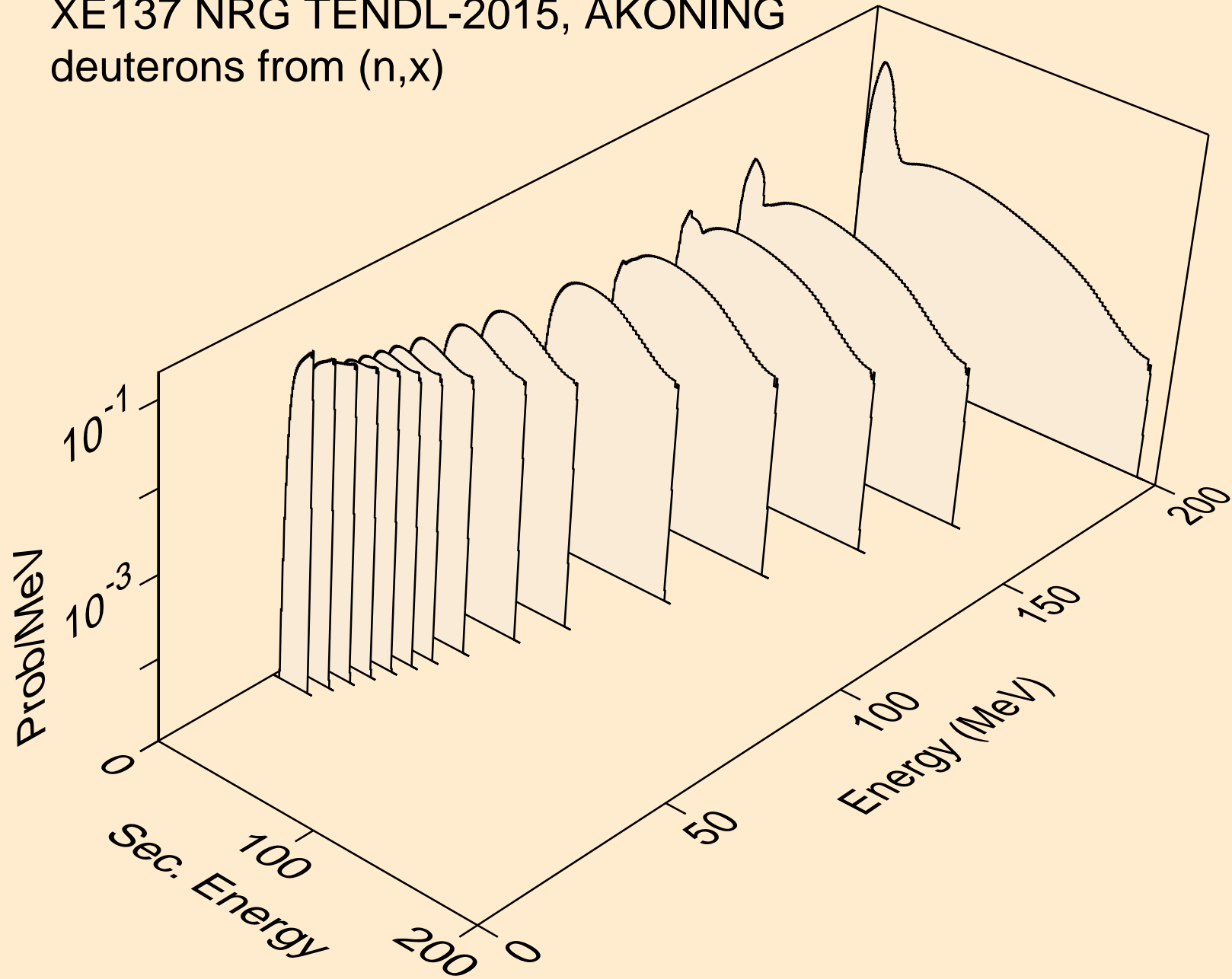
XE137 NRG TENDL-2015, AKONING  
protons from (n,pa)



XE137 NRG TENDL-2015, AKONING  
protons from (n,pt)

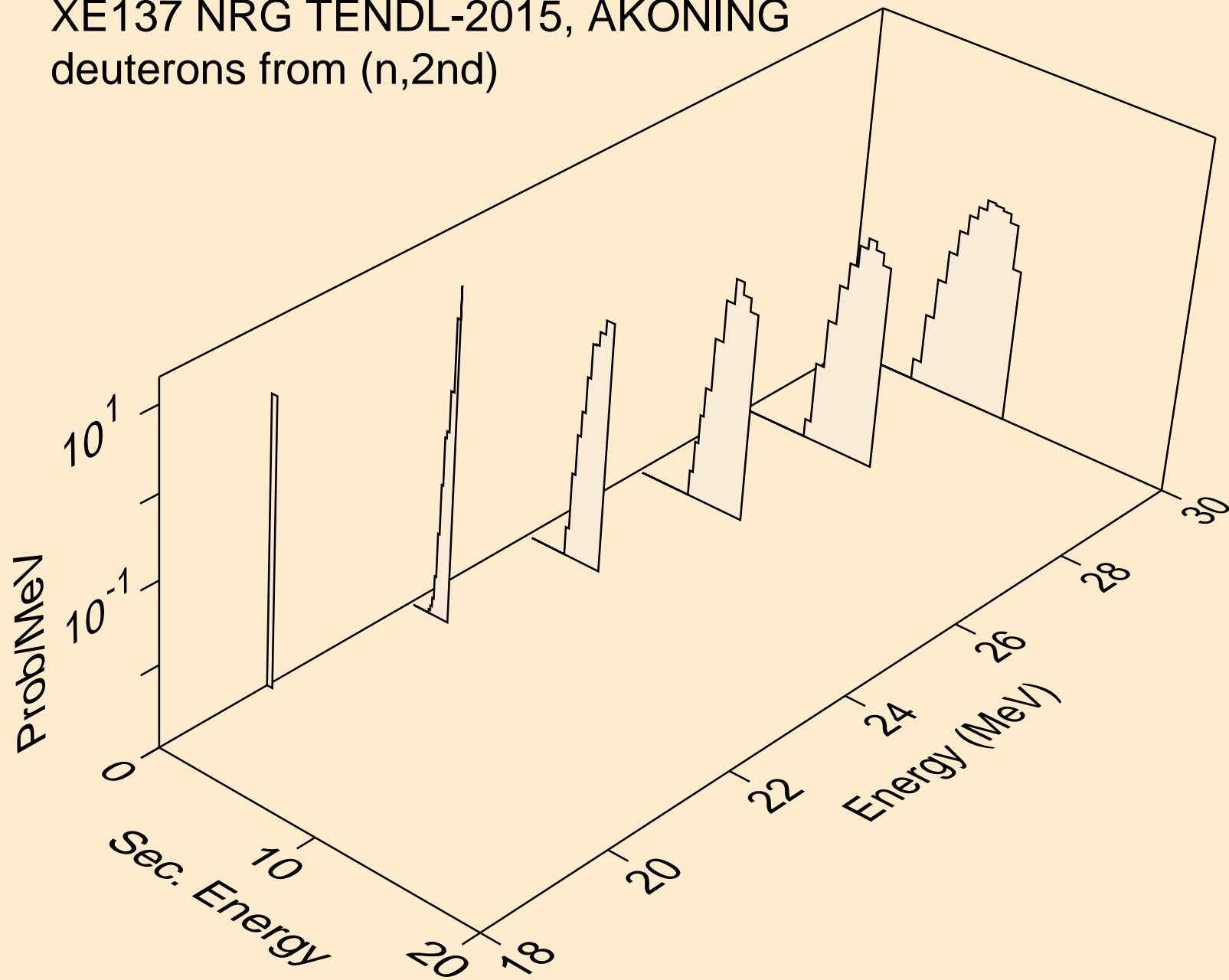


XE137 NRG TENDL-2015, AKONING  
deuterons from (n,x)

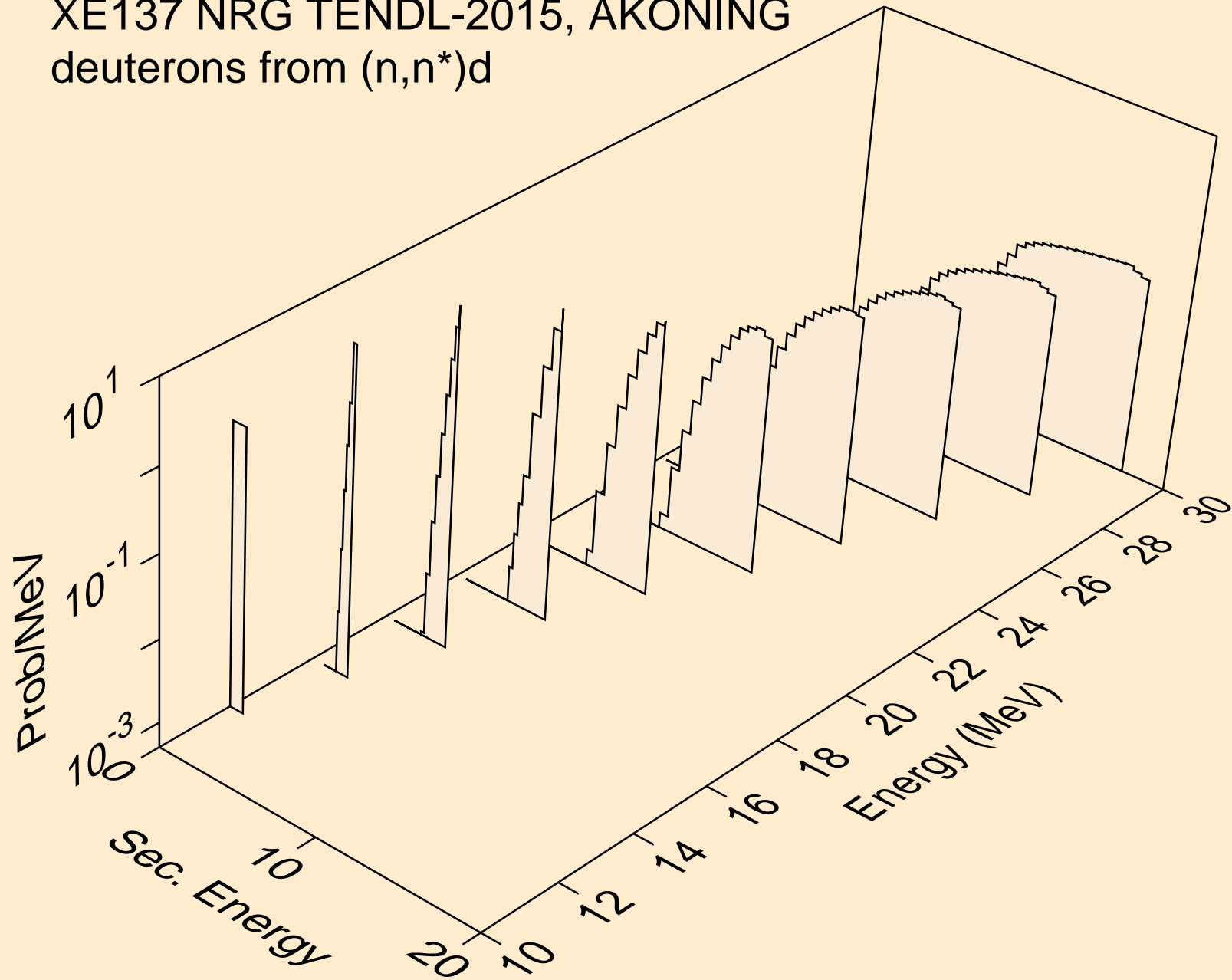




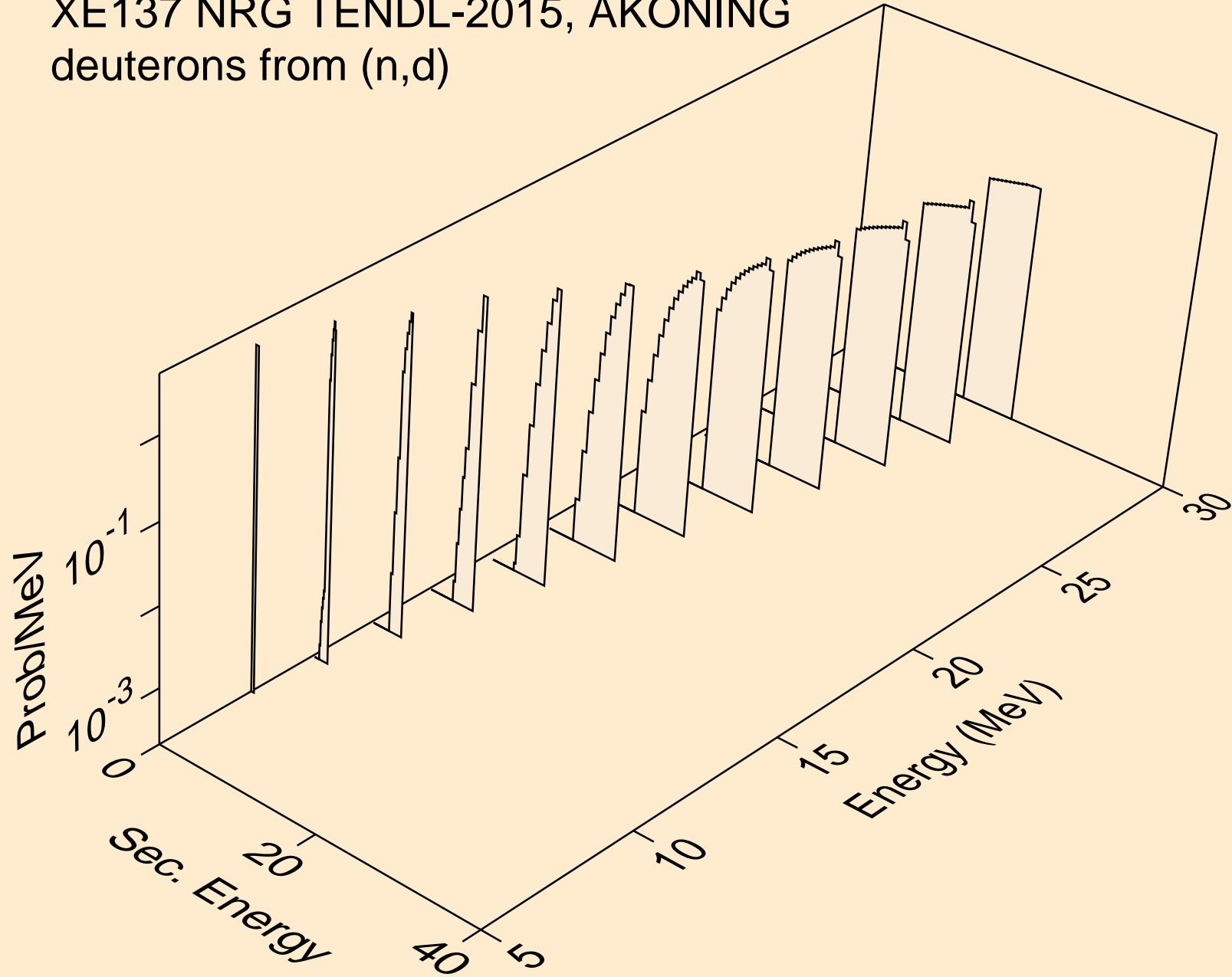
XE137 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



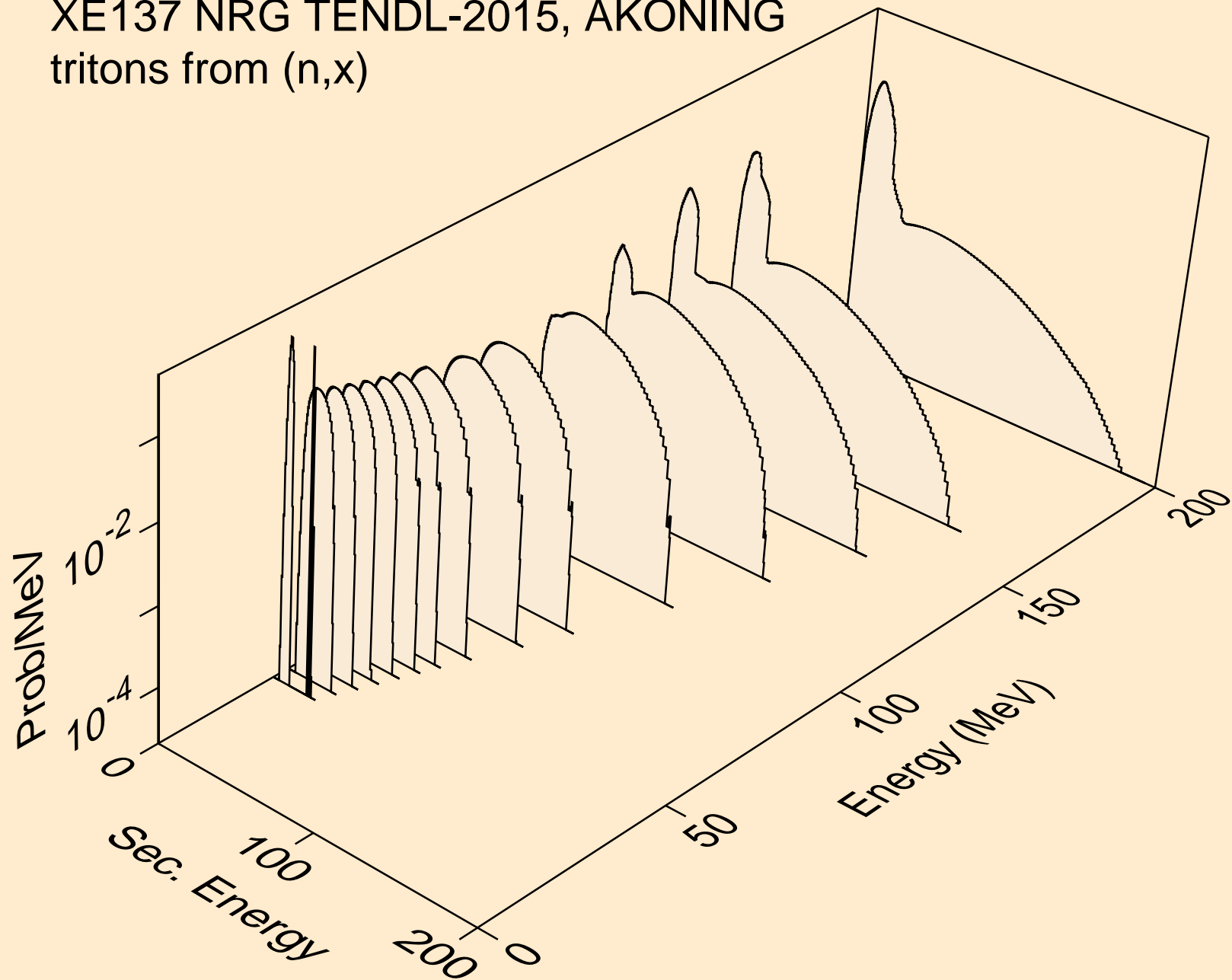
XE137 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



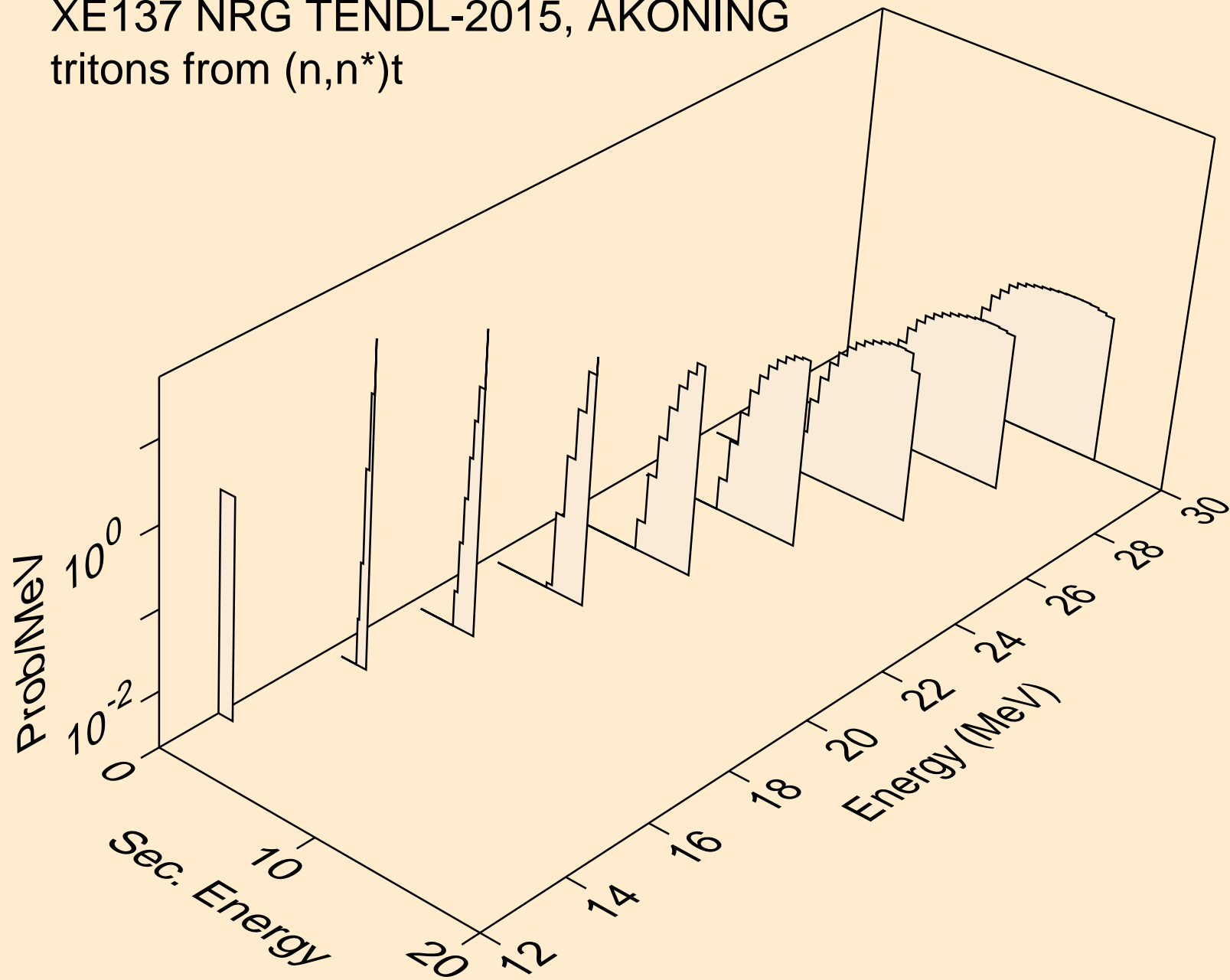
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deuterons from (n,d)



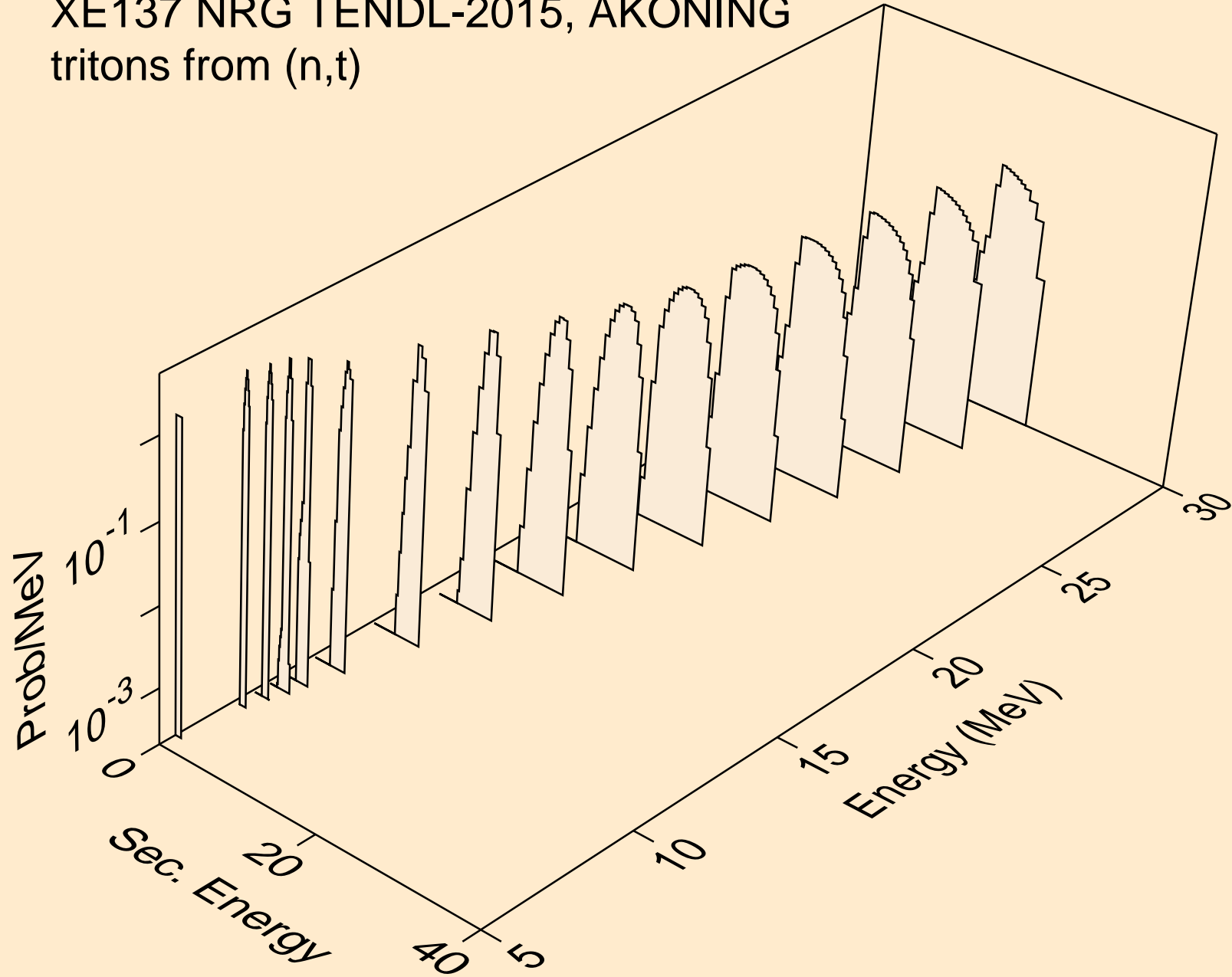
XE137 NRG TENDL-2015, AKONING  
tritons from (n,x)



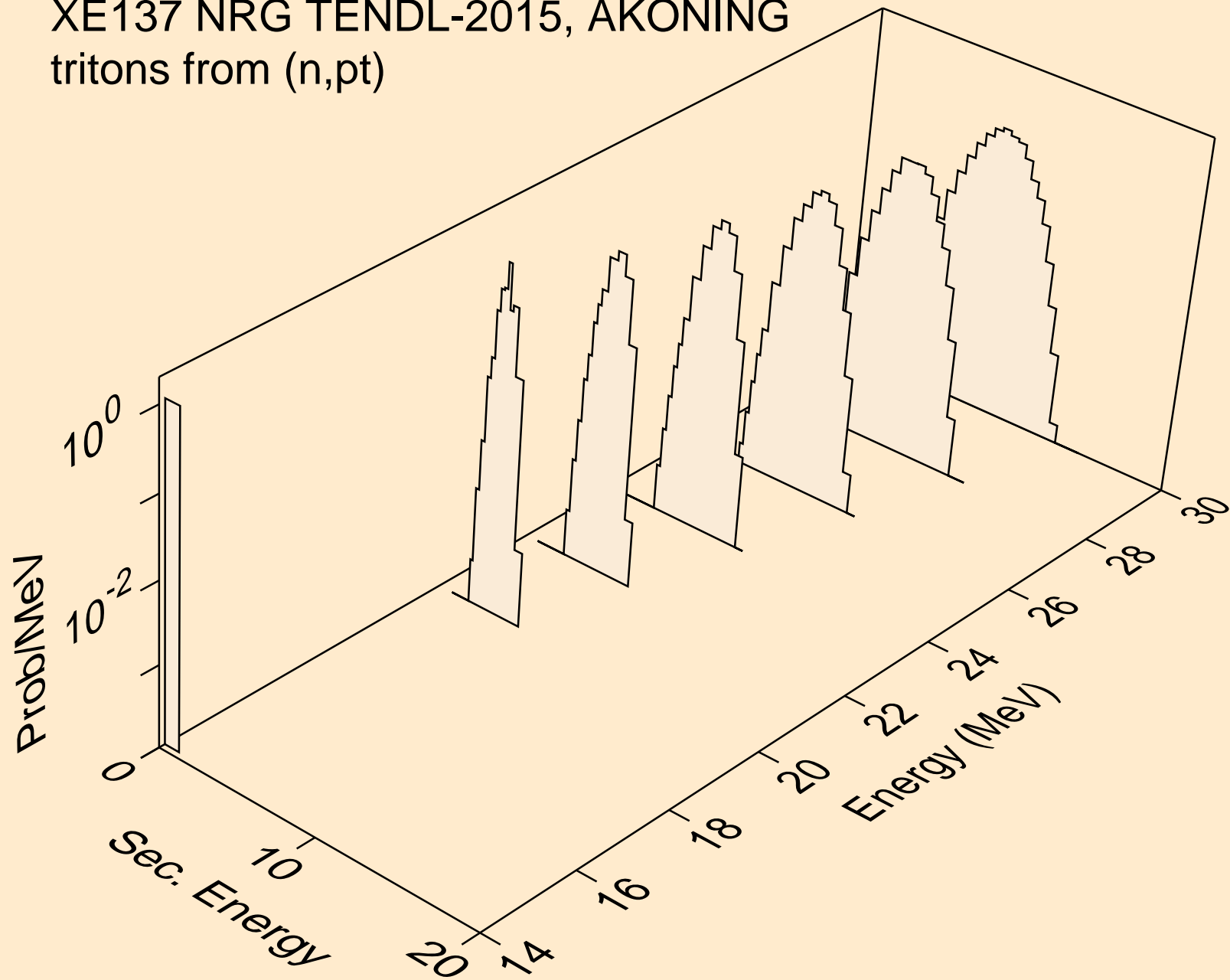
XE137 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



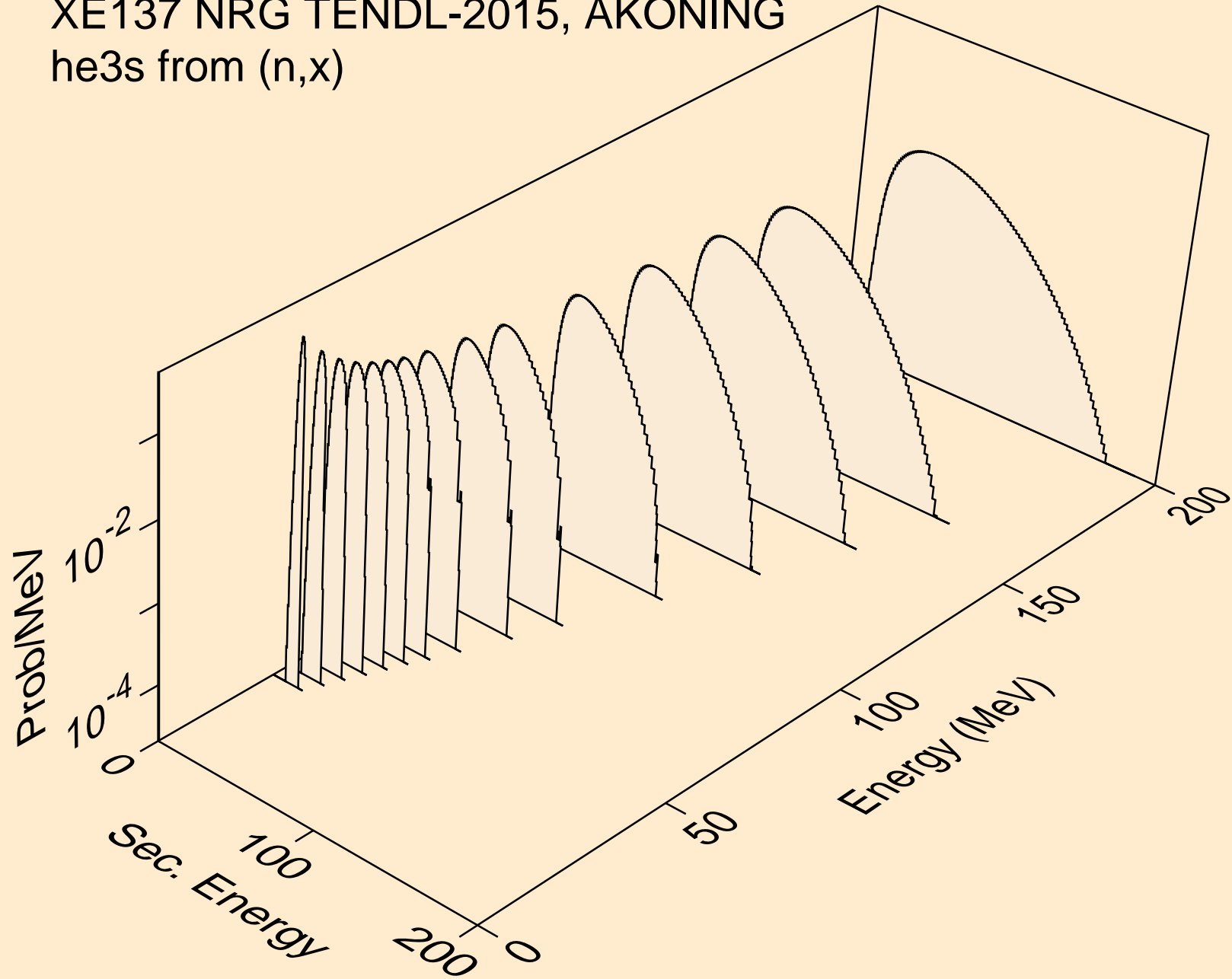
XE137 NRG TENDL-2015, AKONING  
tritons from (n,t)



XE137 NRG TENDL-2015, AKONING  
tritons from (n,pt)

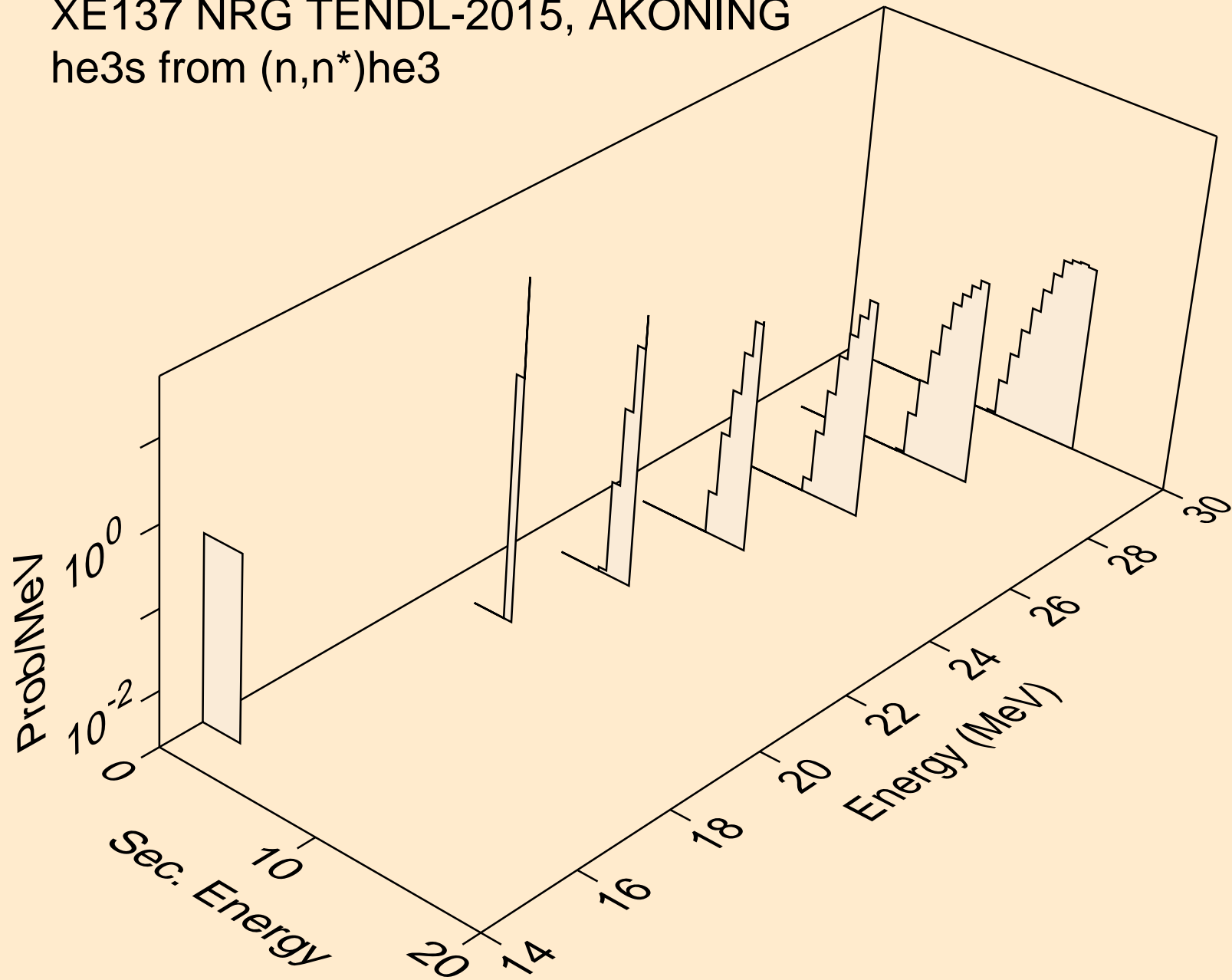


XE137 NRG TENDL-2015, AKONING  
he3s from (n,x)

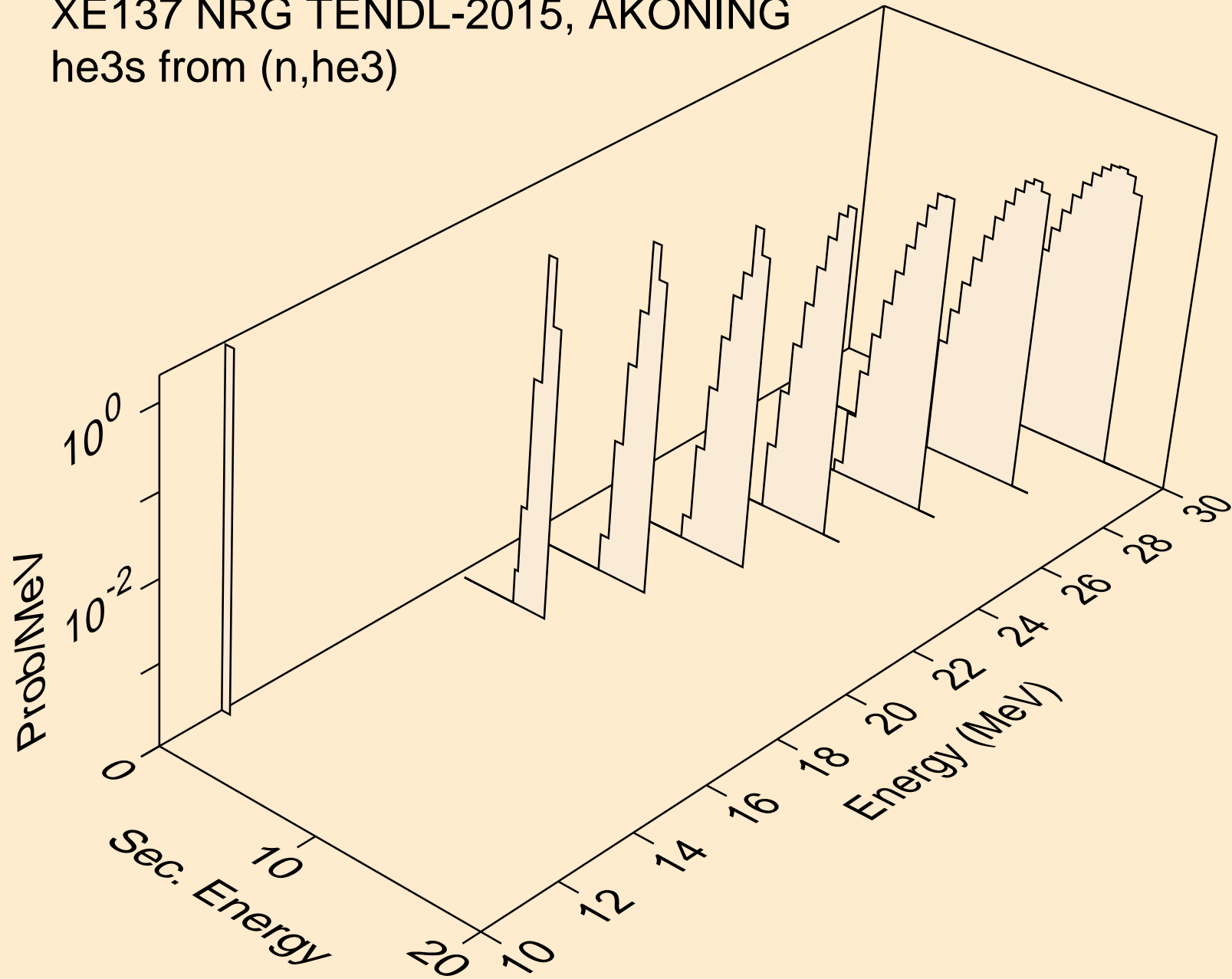




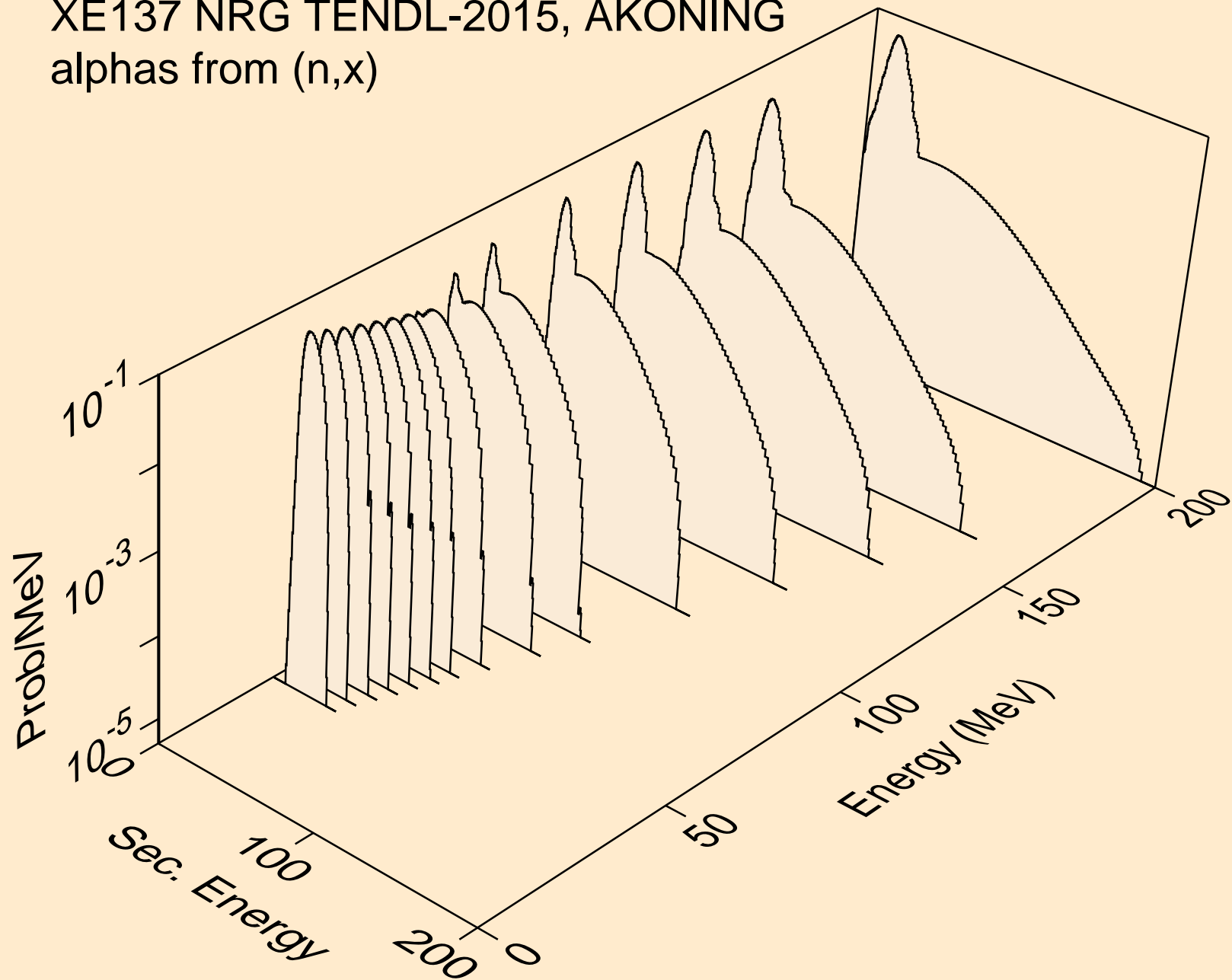
XE137 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



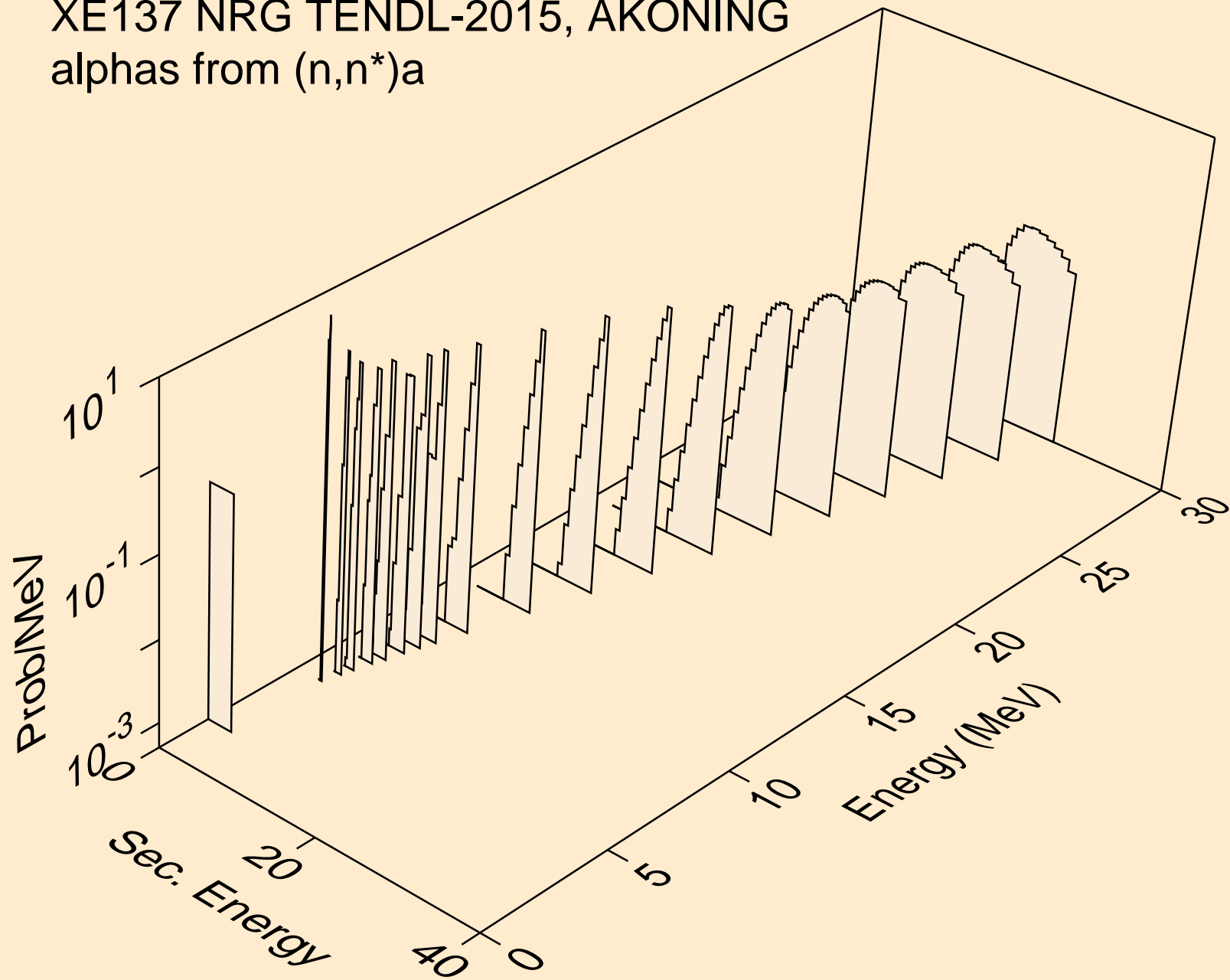
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he3s from (n,he3)



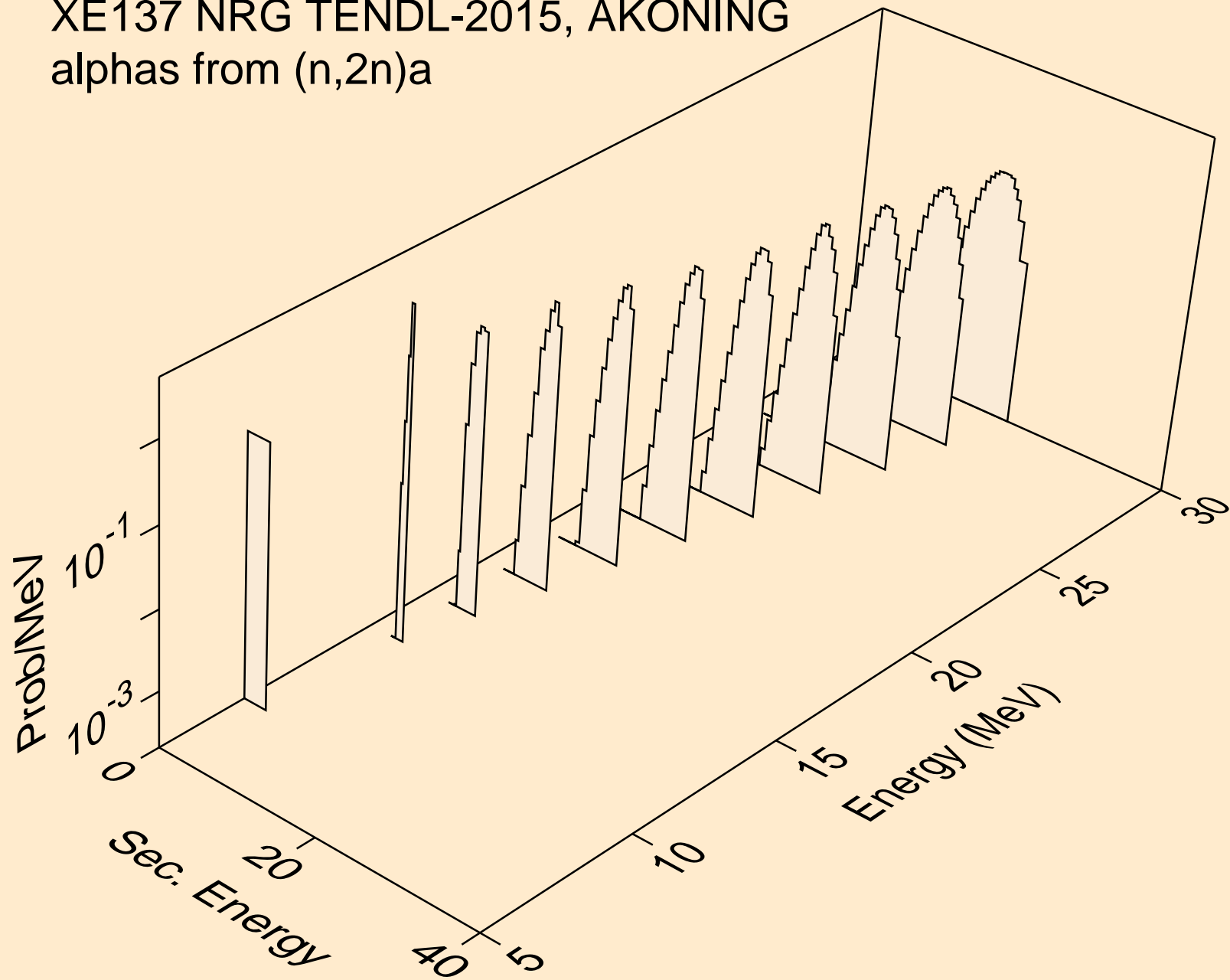
XE137 NRG TENDL-2015, AKONING  
alphas from (n,x)



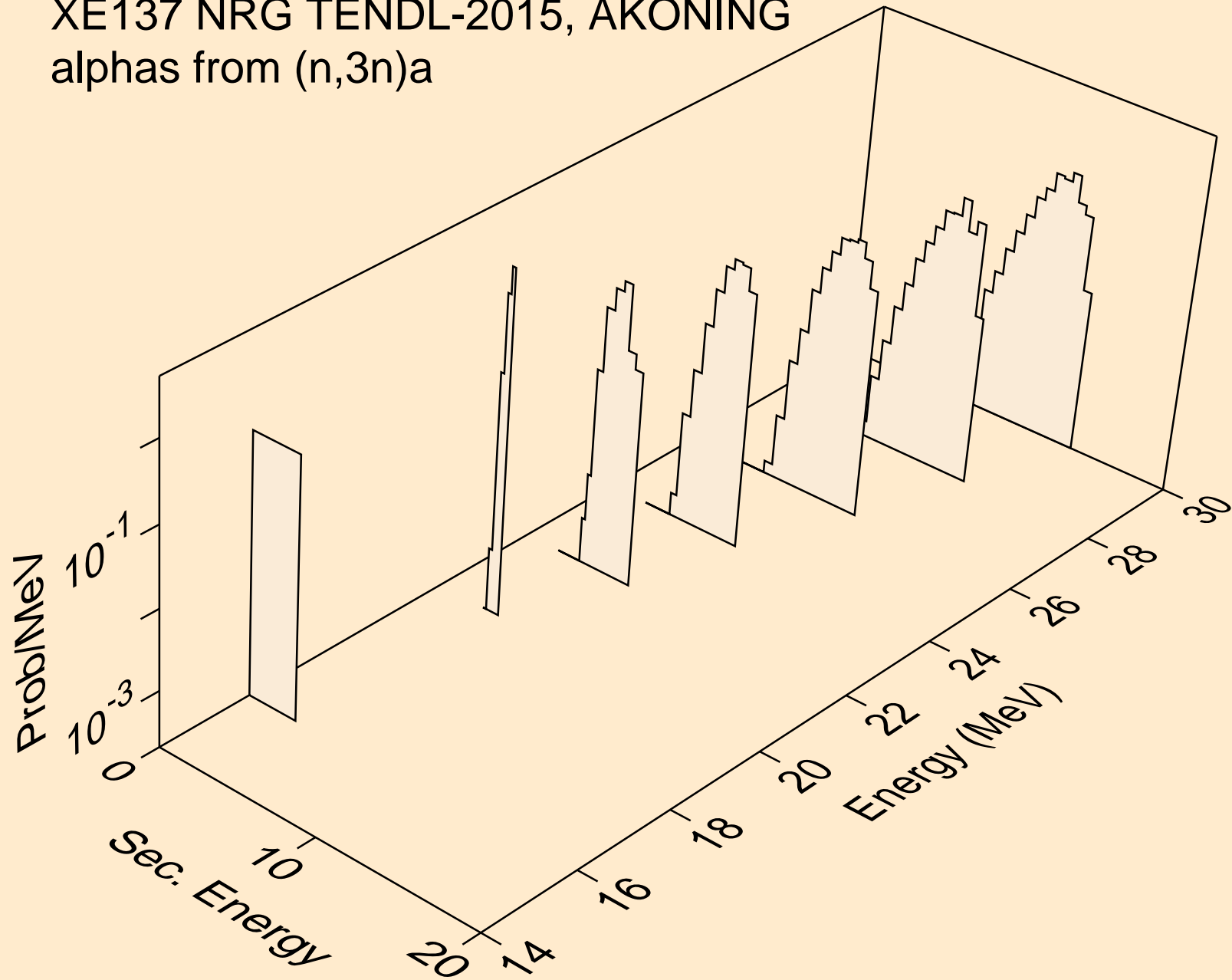
XE137 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



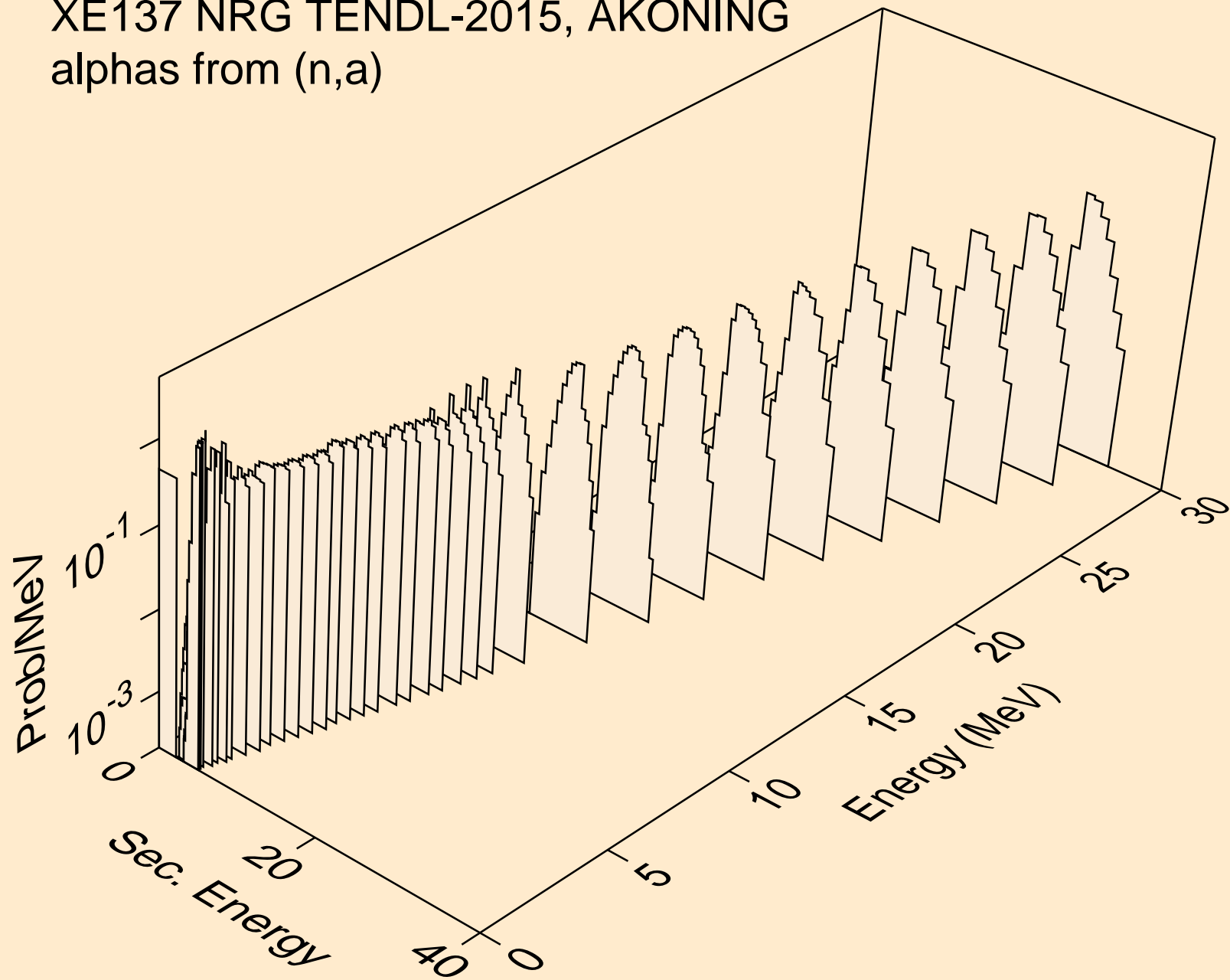
XE137 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



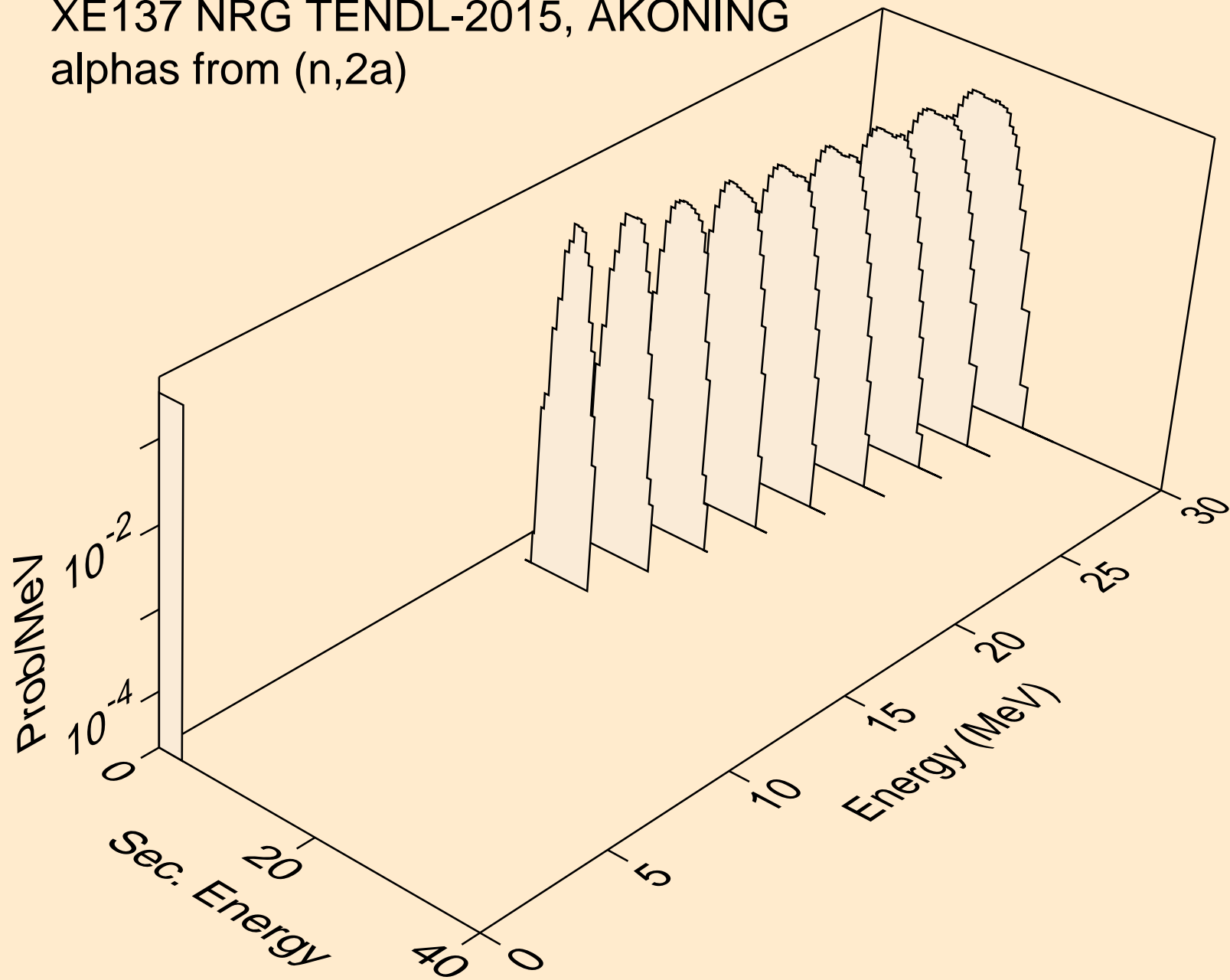
XE137 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



XE137 NRG TENDL-2015, AKONING  
alphas from (n,a)



XE137 NRG TENDL-2015, AKONING  
alphas from (n,2a)





XE137 NRG TENDL-2015, AKONING  
alphas from (n,pa)

