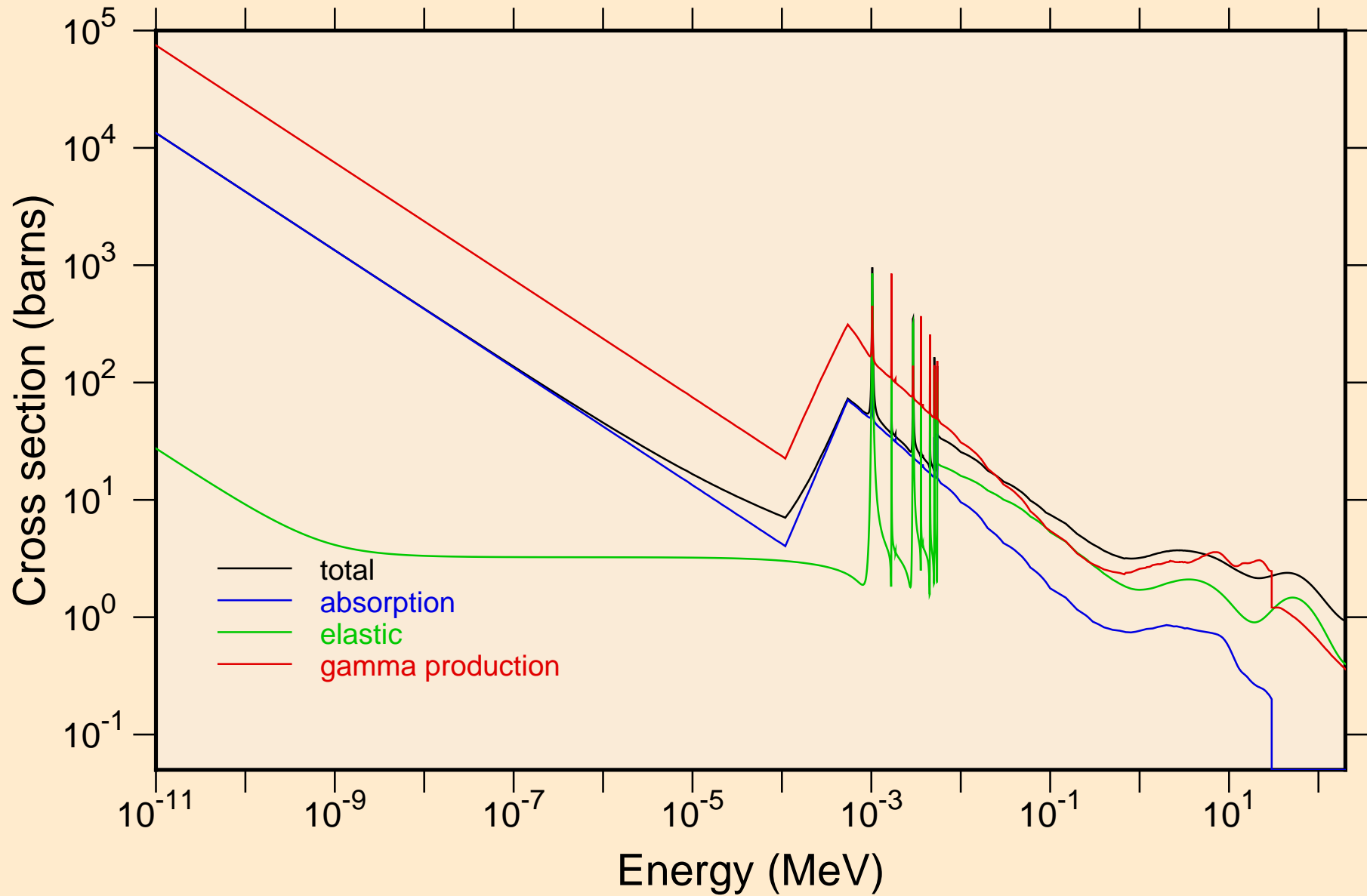
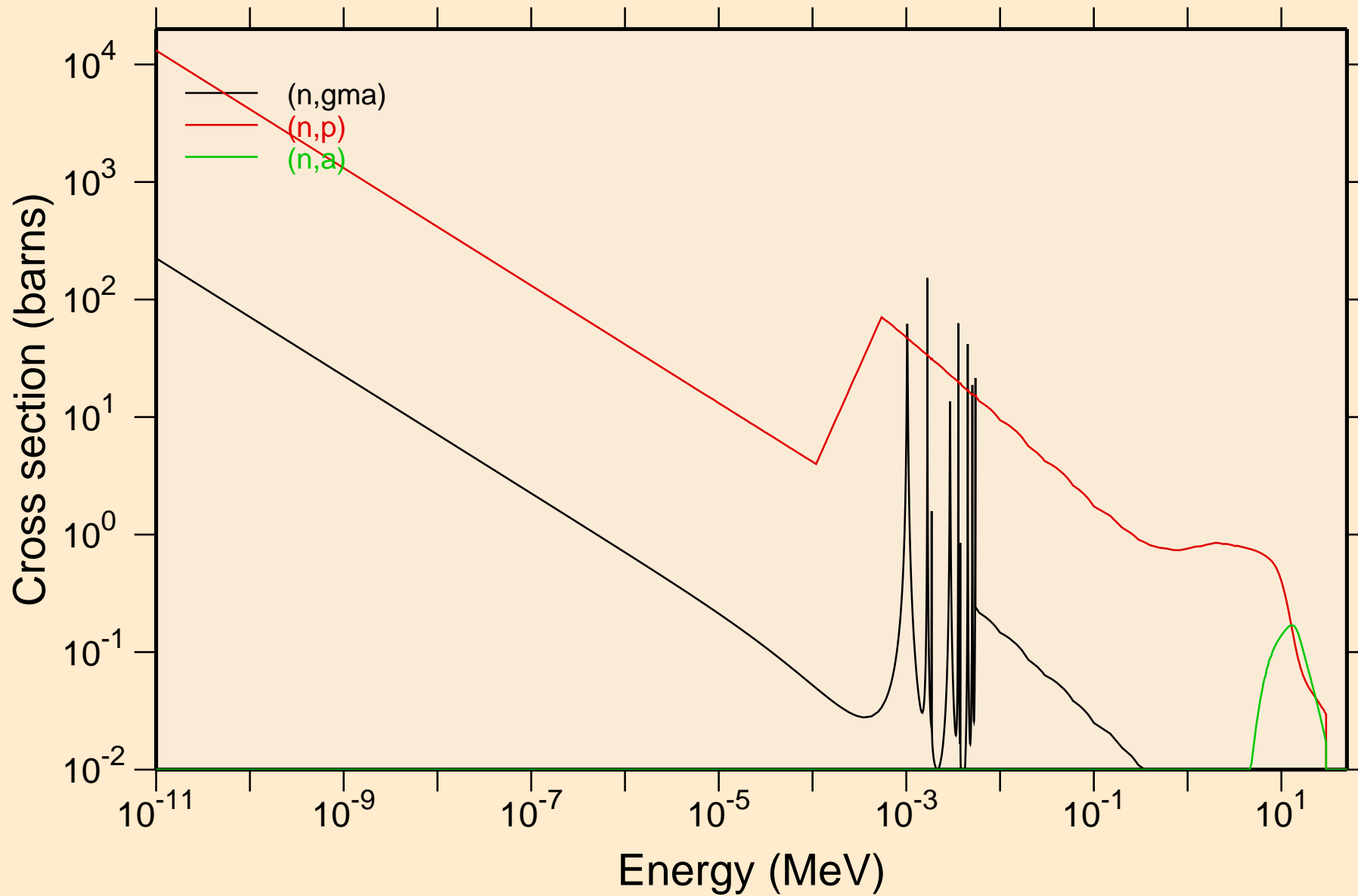


# V047 NRG TENDL-2015, AKONING

## Principal cross sections

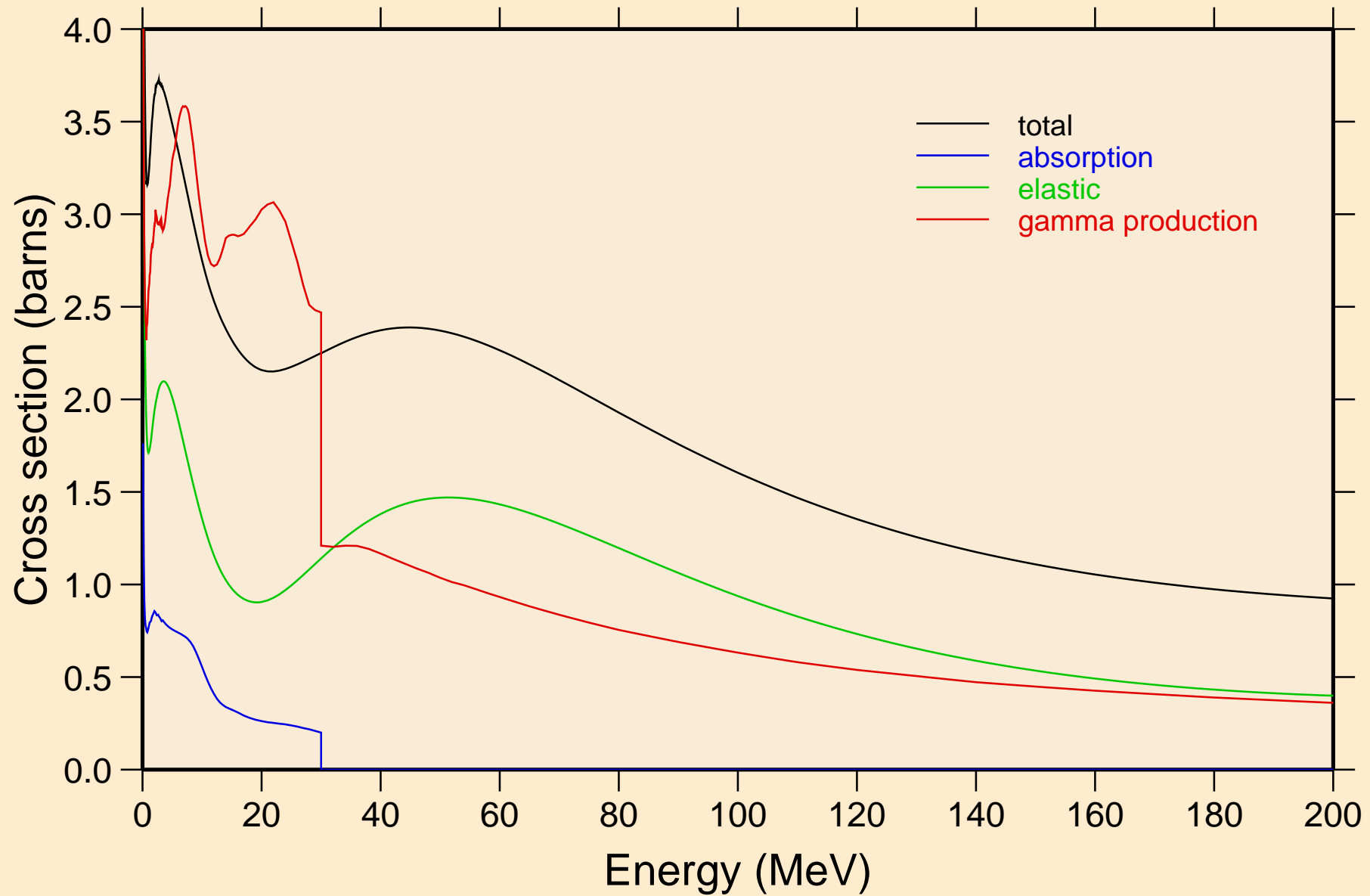


V047 NRG TENDL-2015, AKONING  
Non-threshold reactions

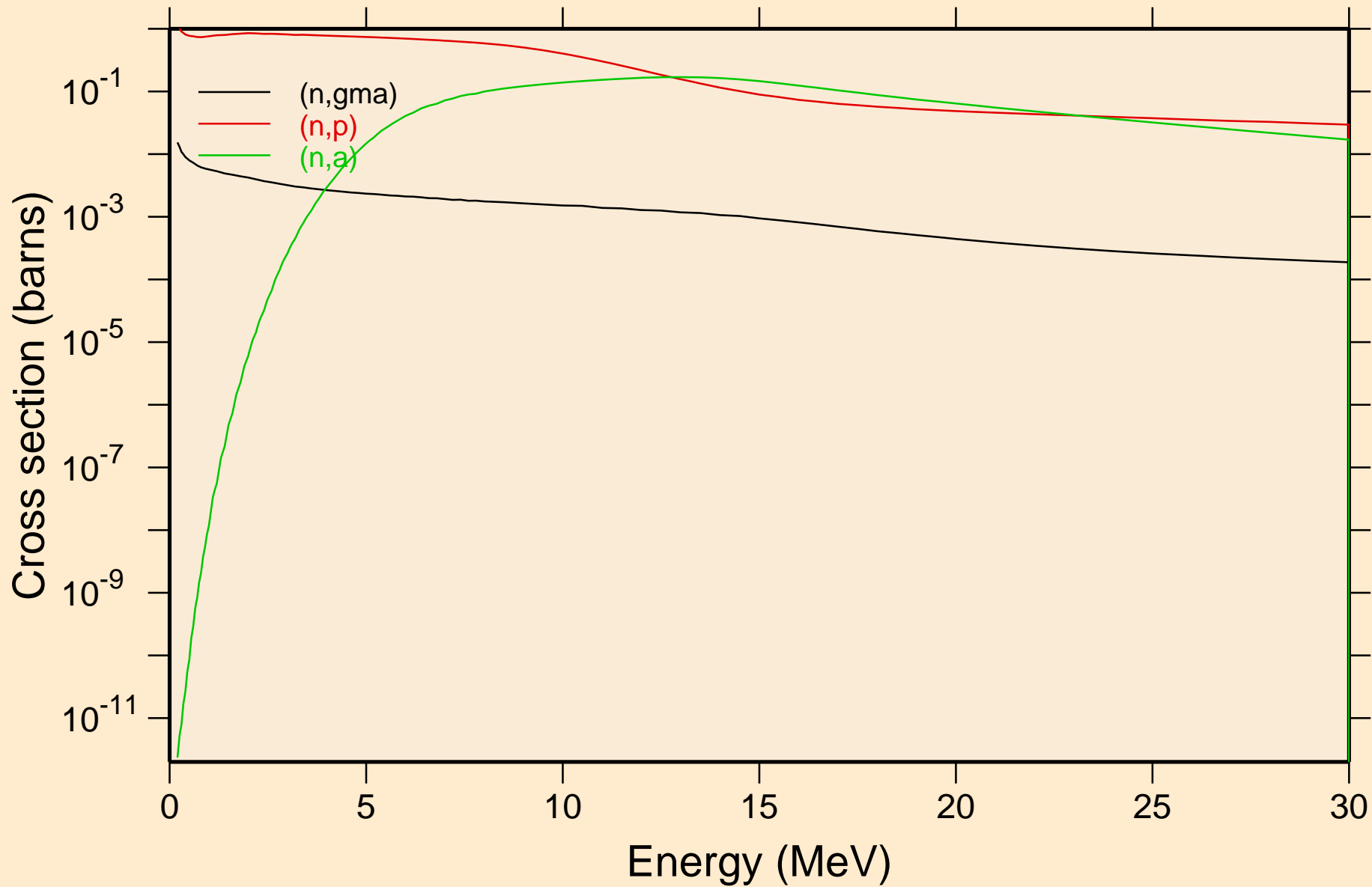


# V047 NRG TENDL-2015, AKONING

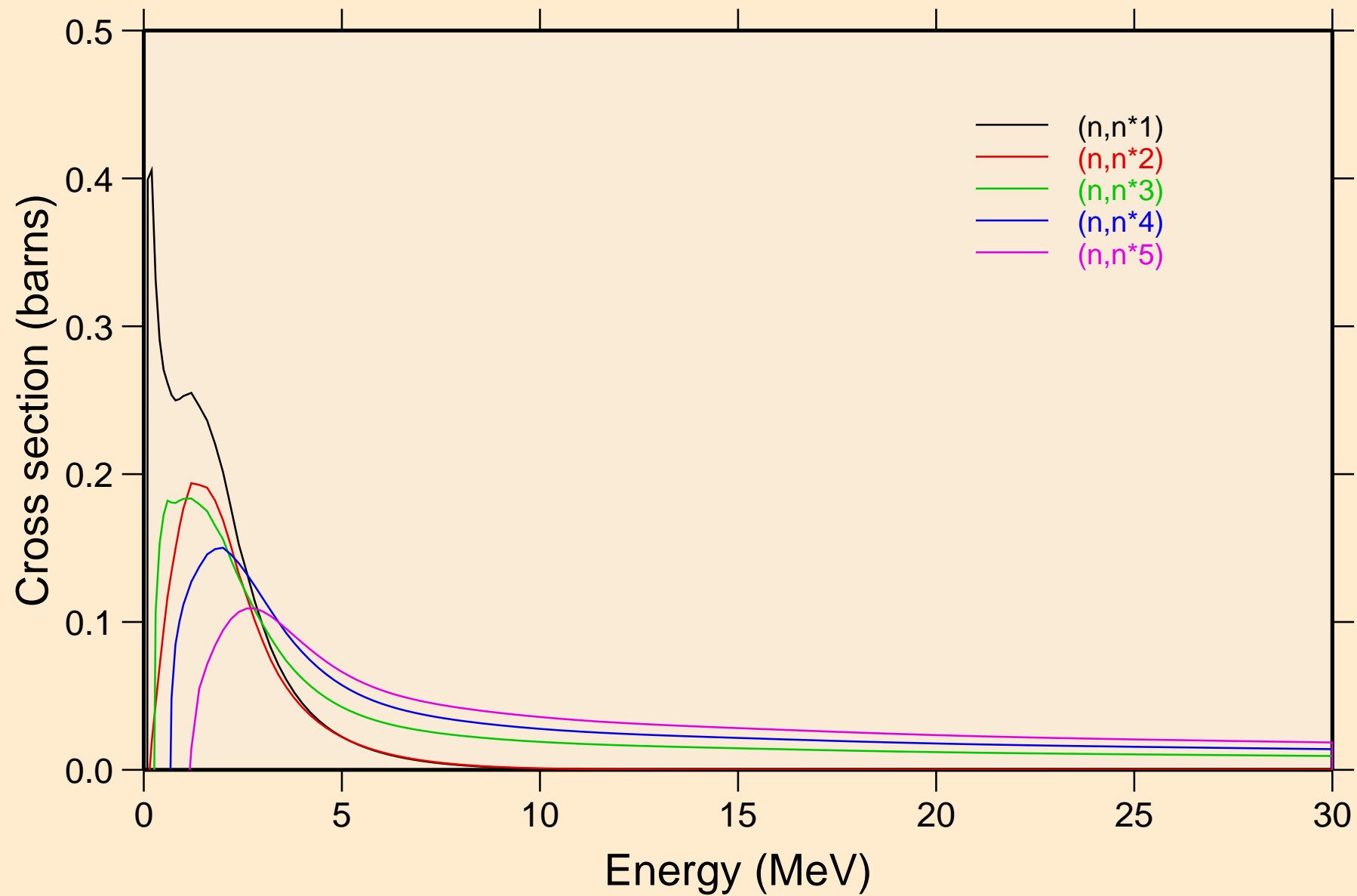
## Principal cross sections



V047 NRG TENDL-2015, AKONING  
Non-threshold reactions

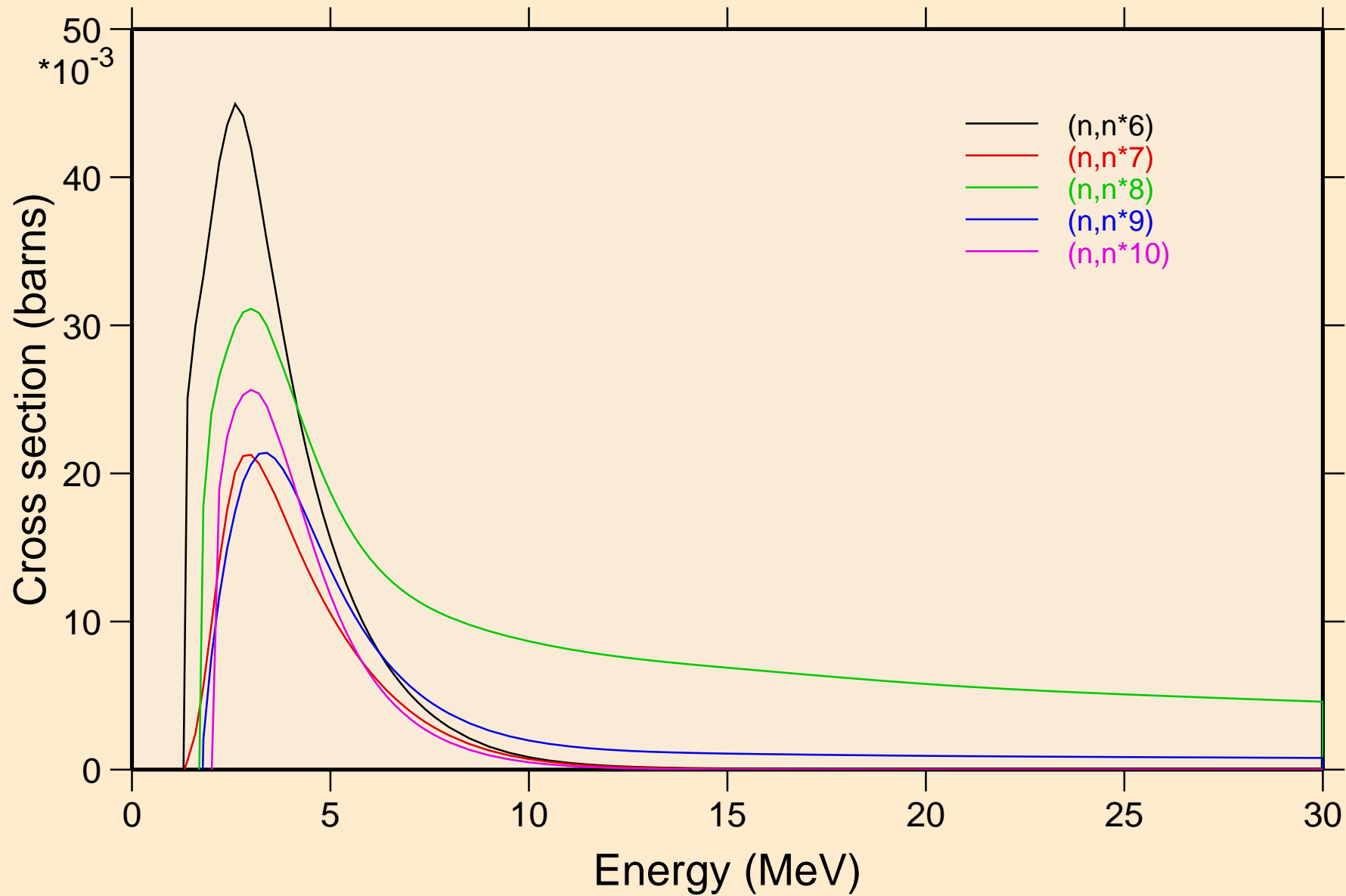


V047 NRG TENDL-2015, AKONING  
Inelastic levels



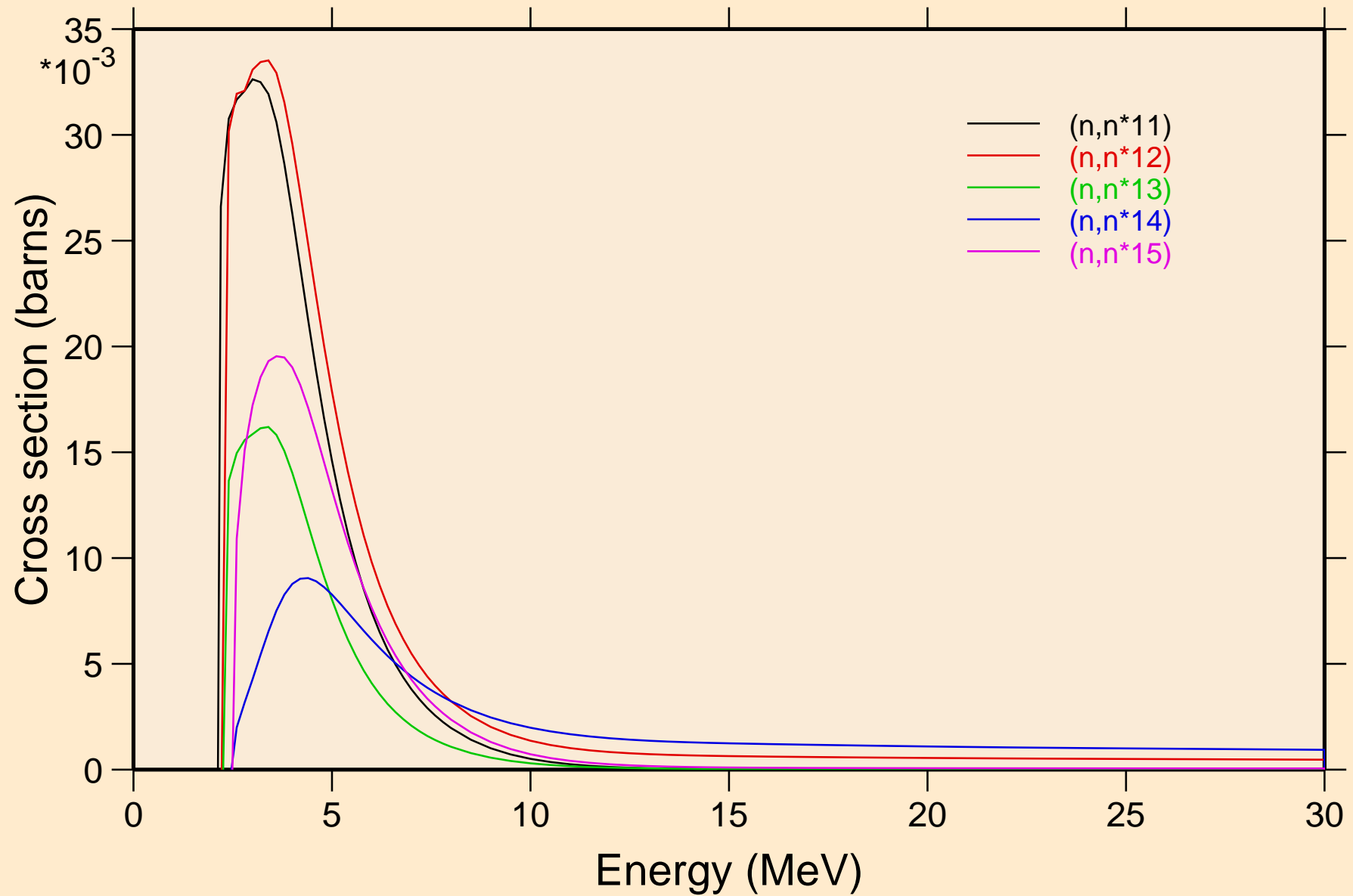
# V047 NRG TENDL-2015, AKONING

## Inelastic levels

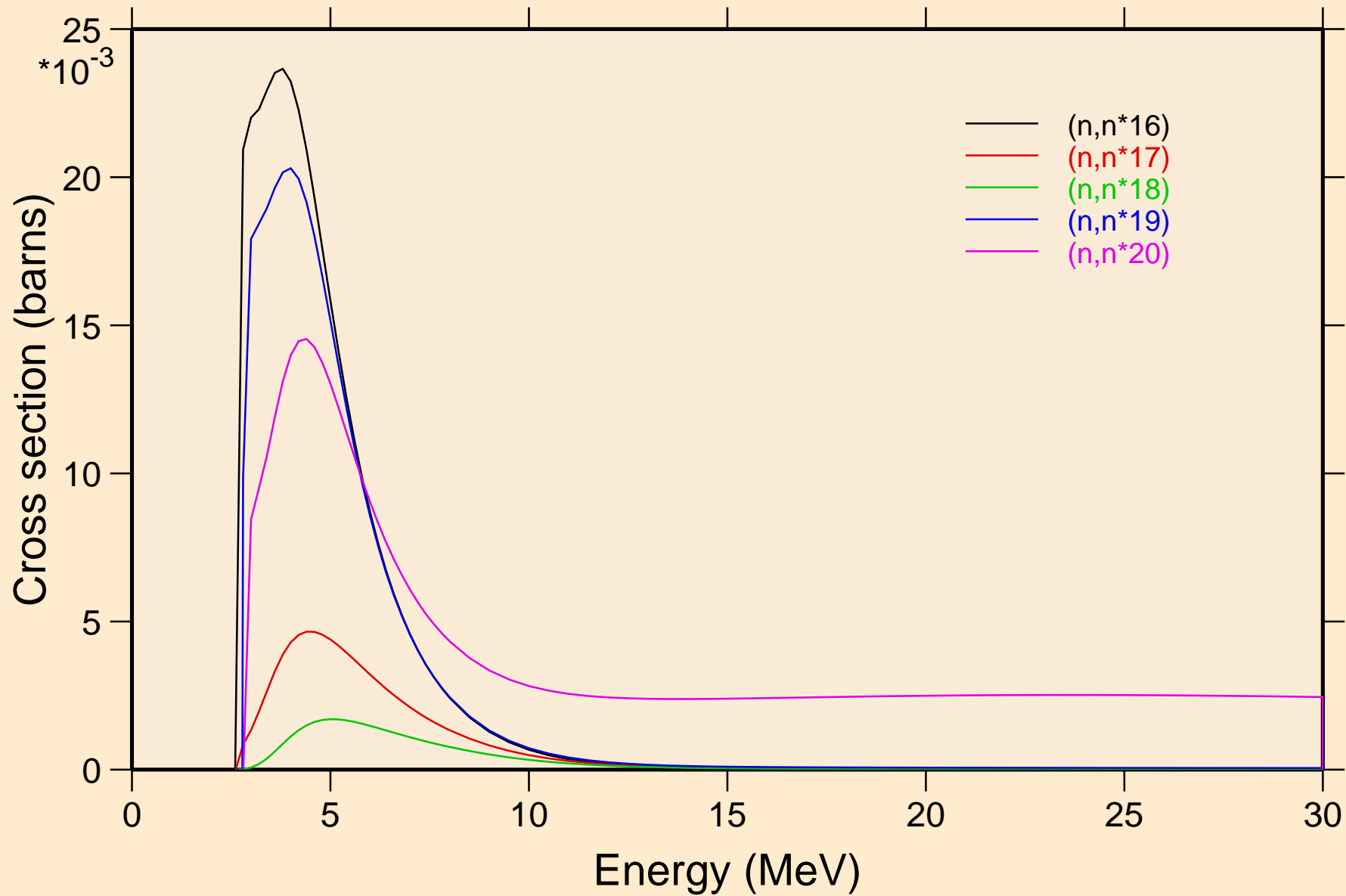


# V047 NRG TENDL-2015, AKONING

## Inelastic levels

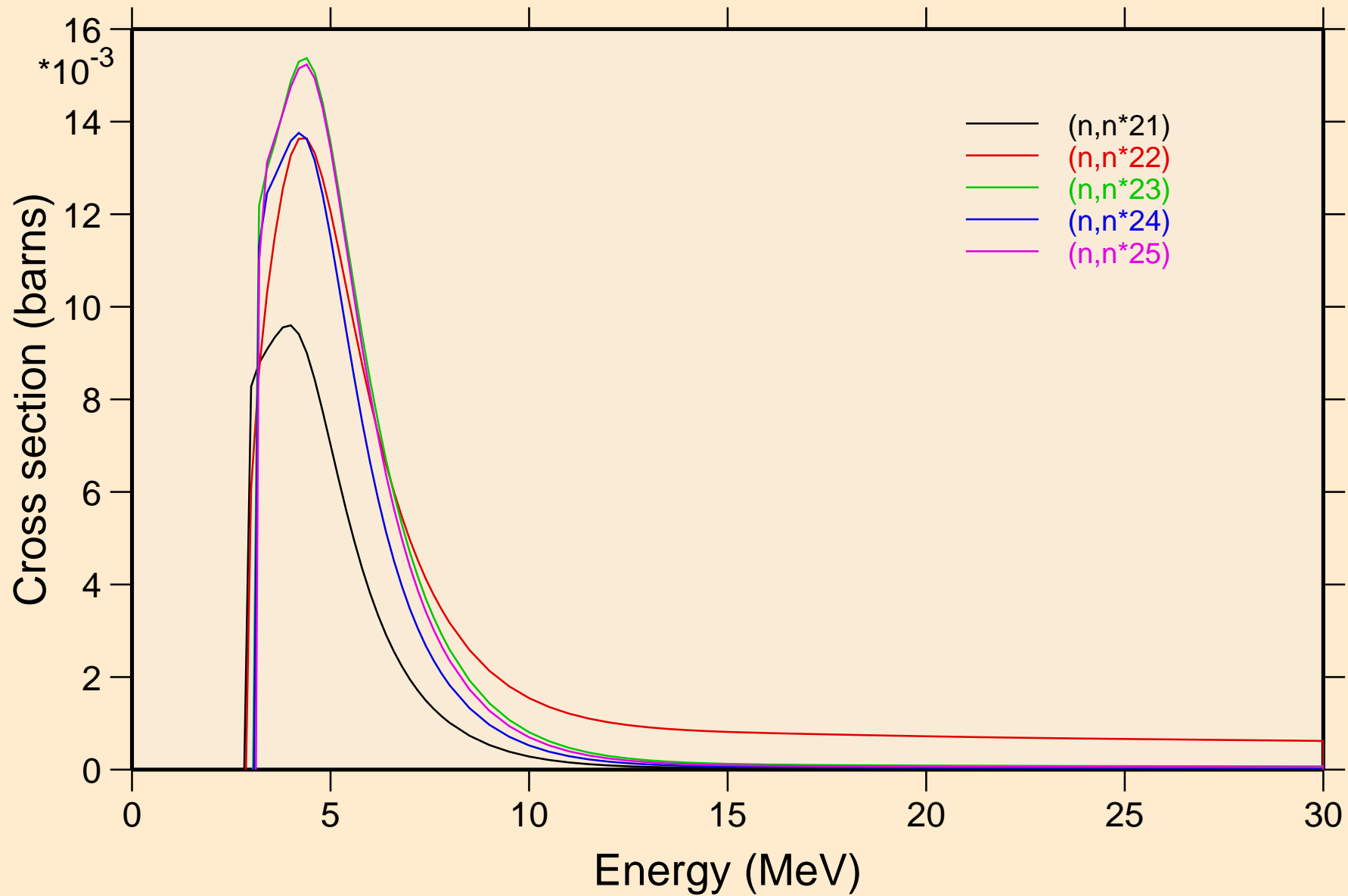


V047 NRG TENDL-2015, AKONING  
Inelastic levels

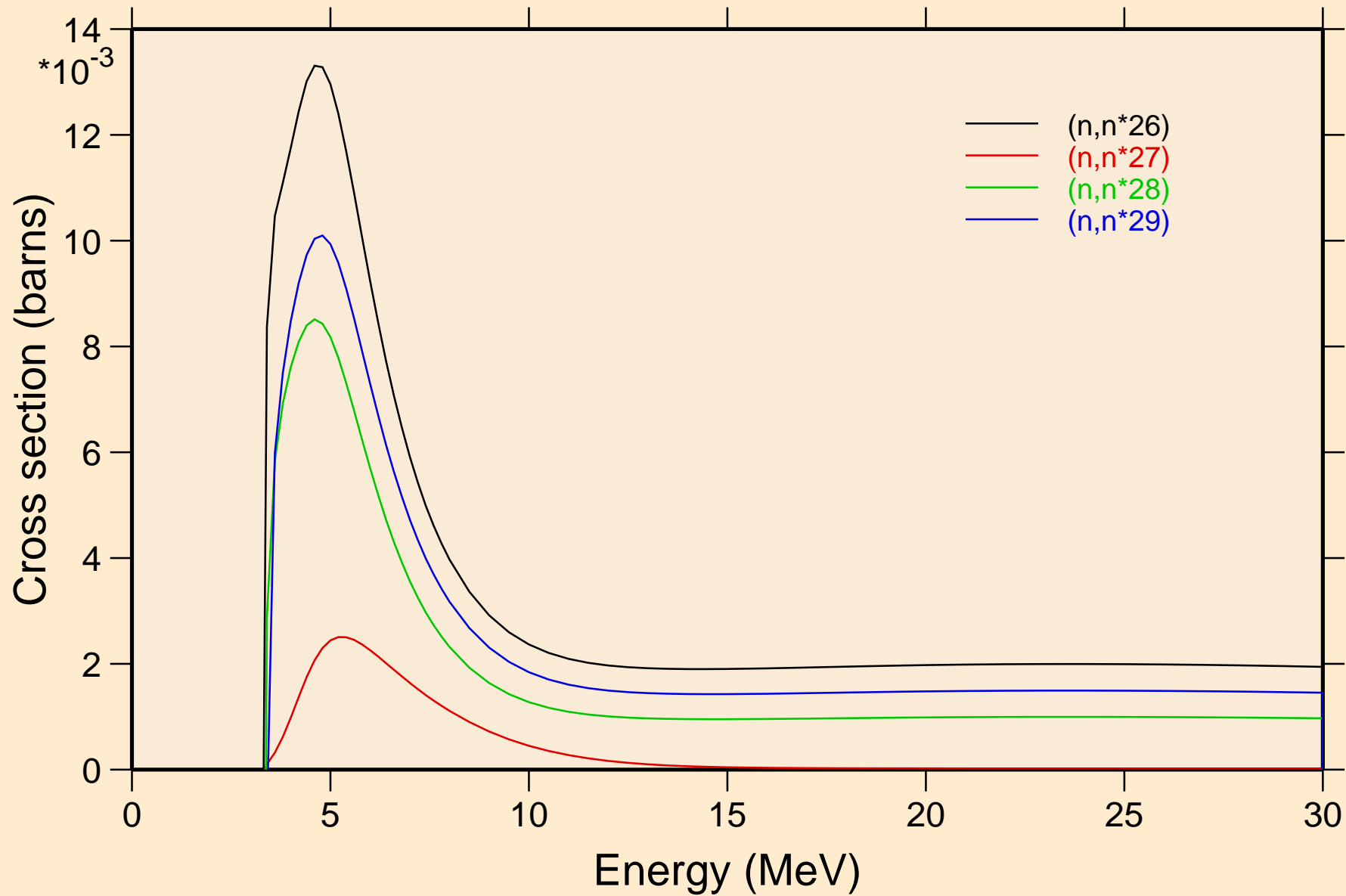




V047 NRG TENDL-2015, AKONING  
Inelastic levels

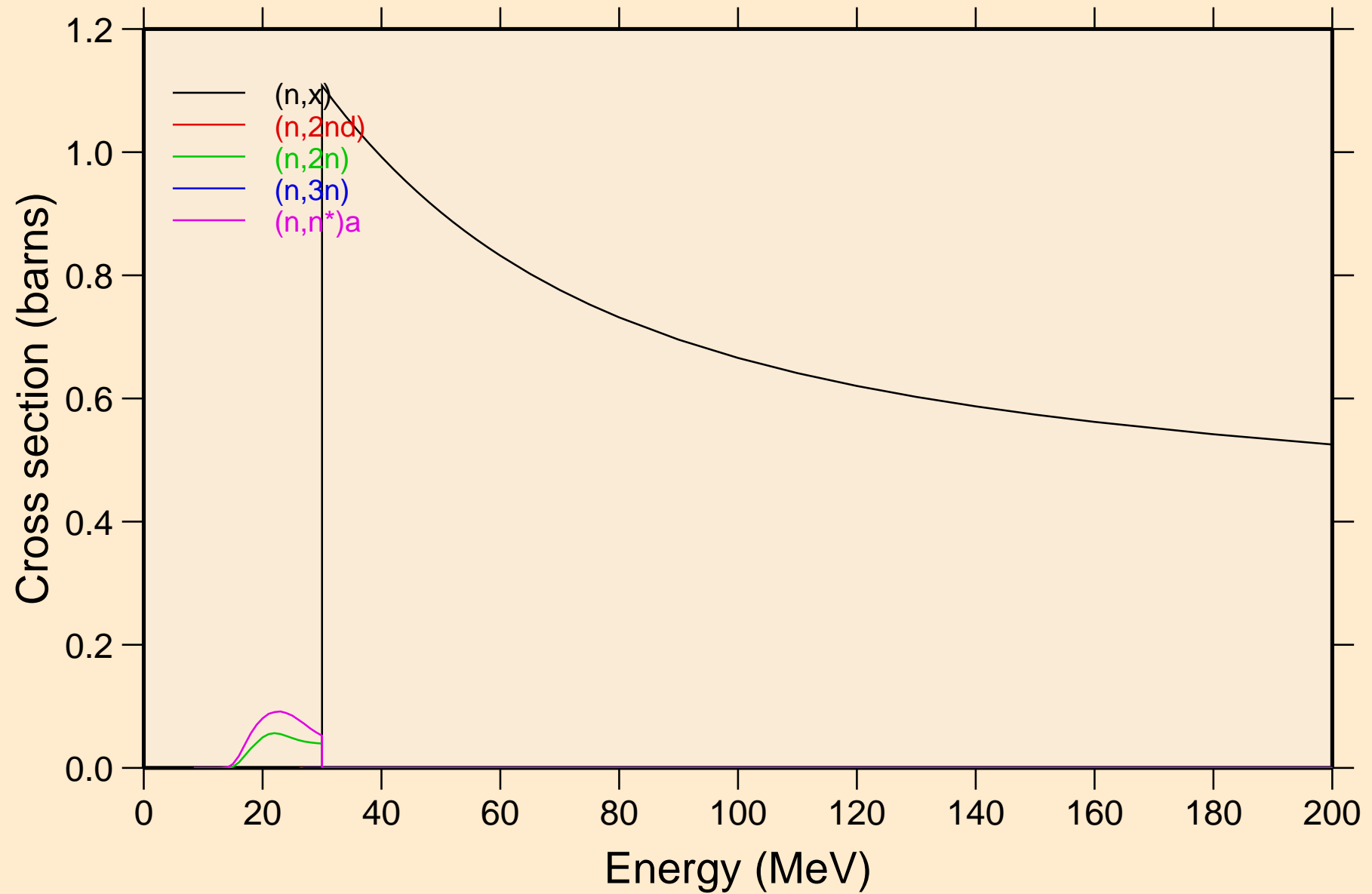


V047 NRG TENDL-2015, AKONING  
Inelastic levels



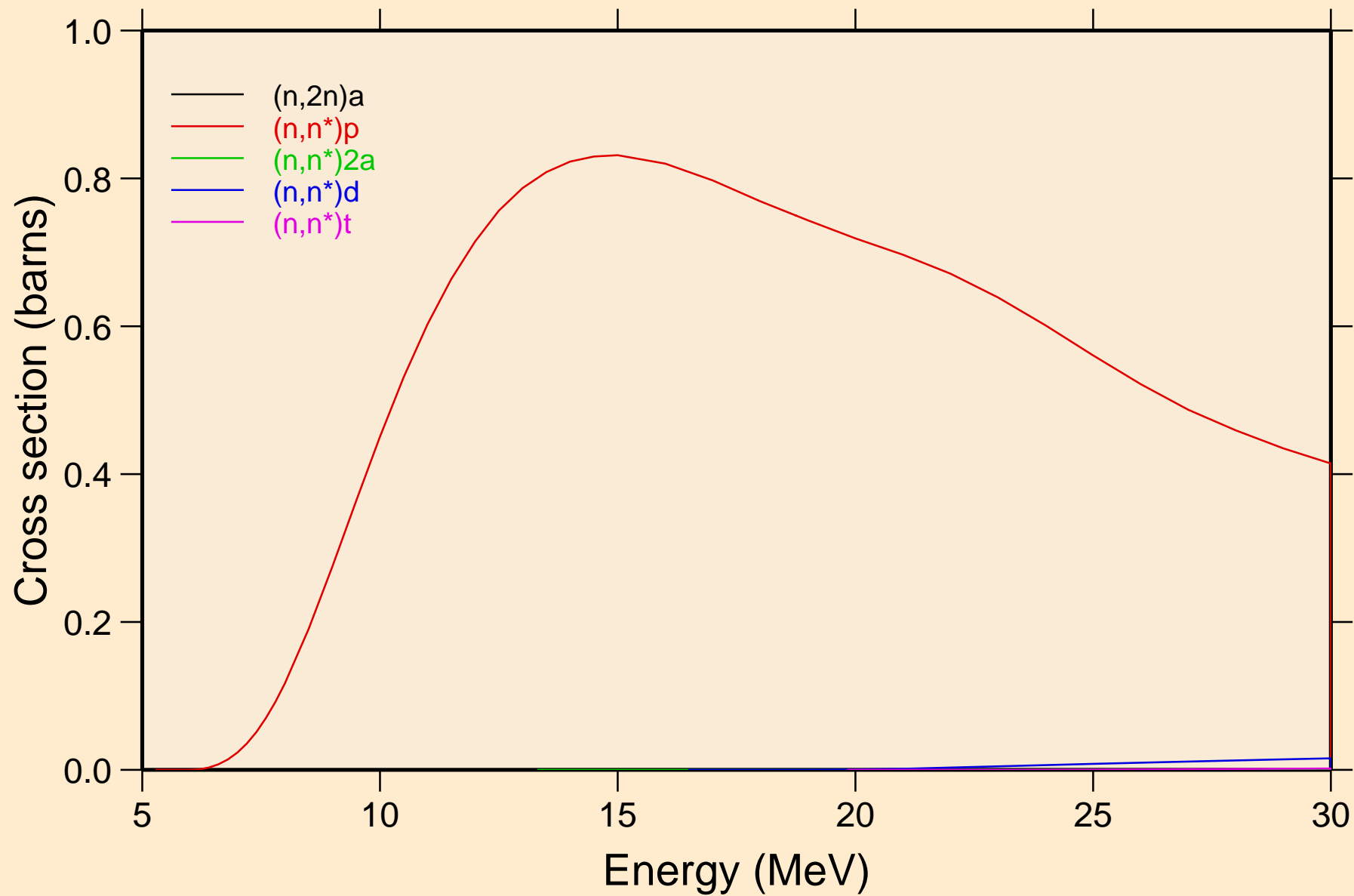
# V047 NRG TENDL-2015, AKONING

## Threshold reactions



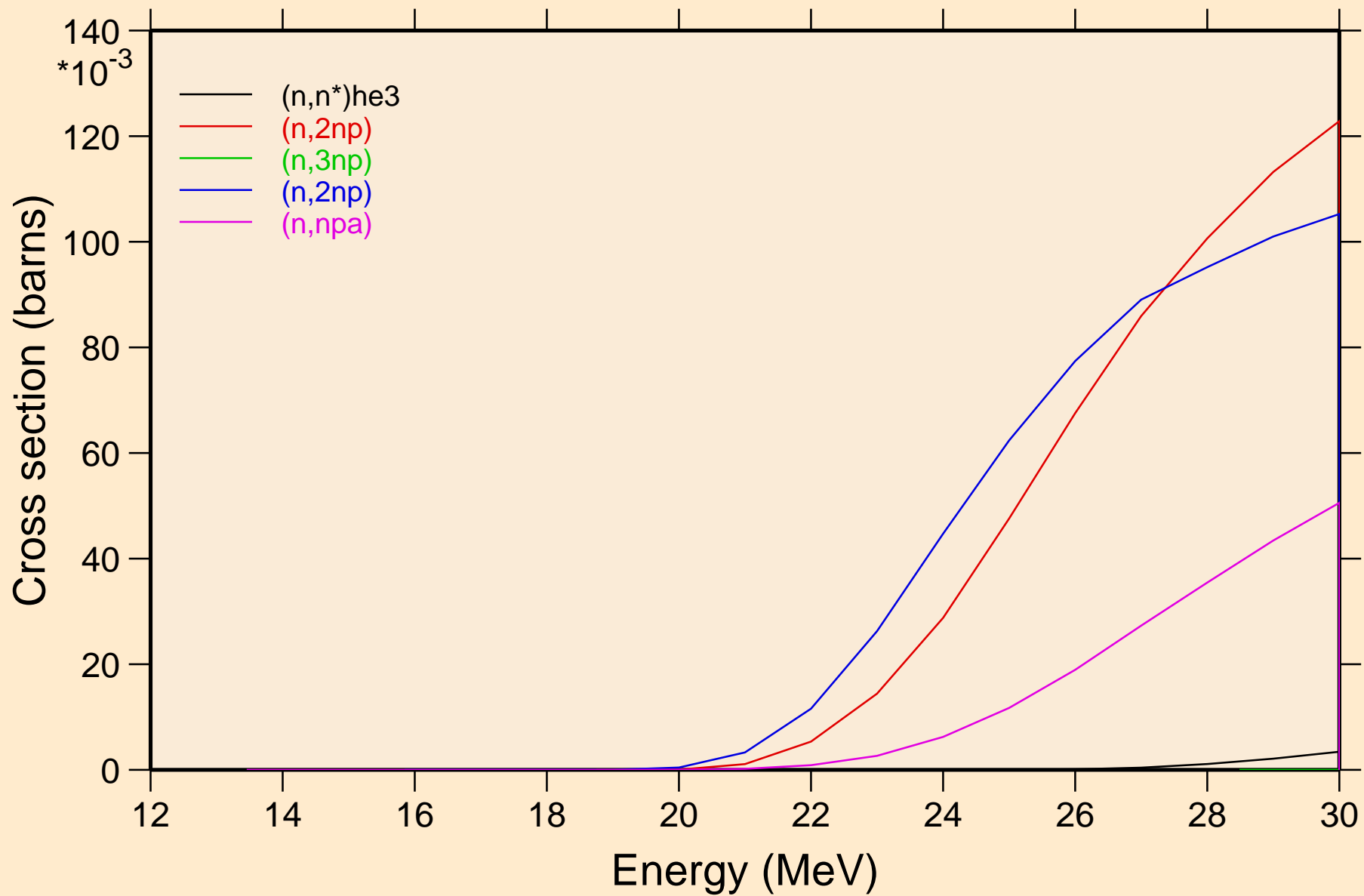
# V047 NRG TENDL-2015, AKONING

## Threshold reactions



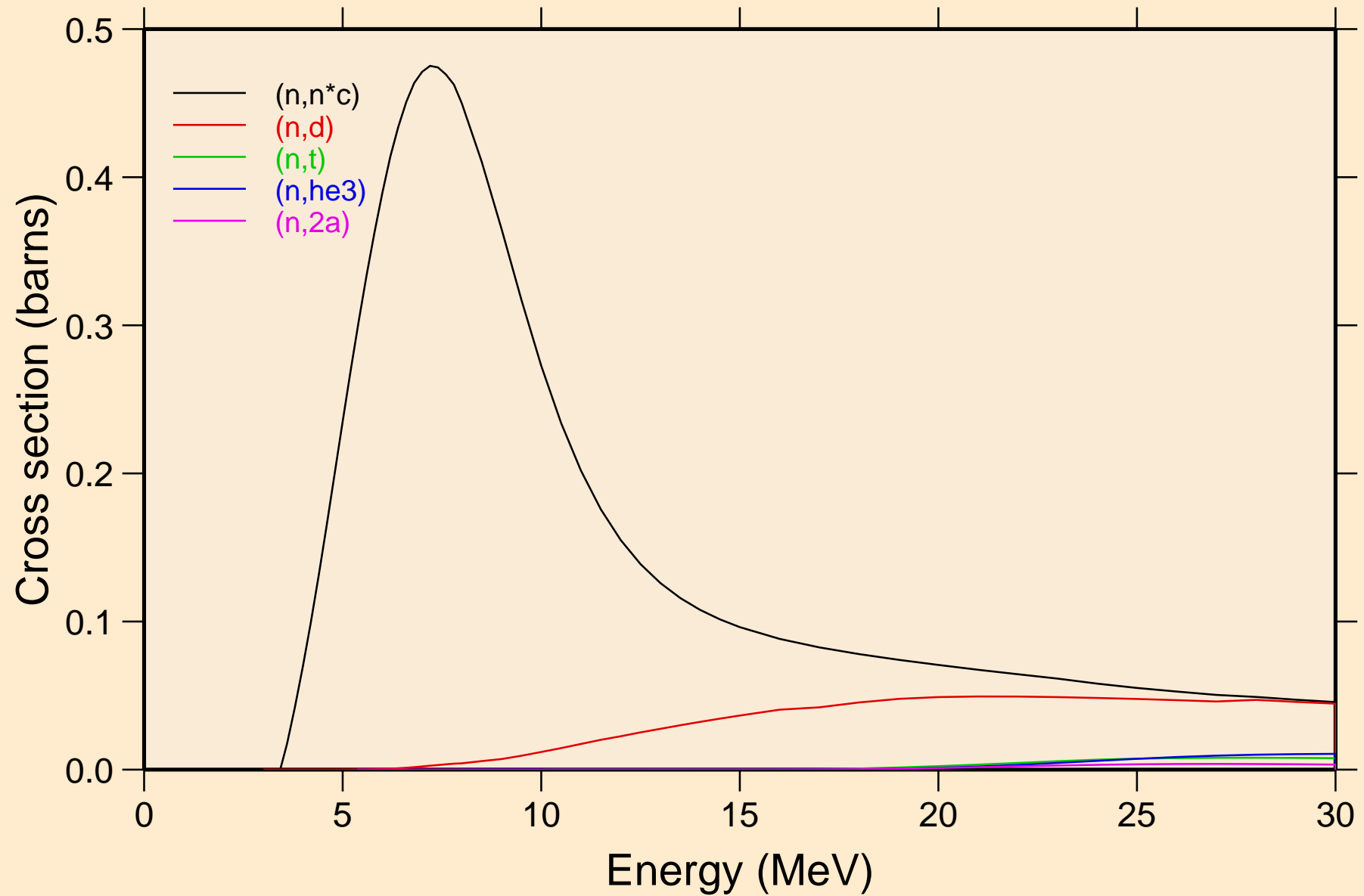
# V047 NRG TENDL-2015, AKONING

## Threshold reactions



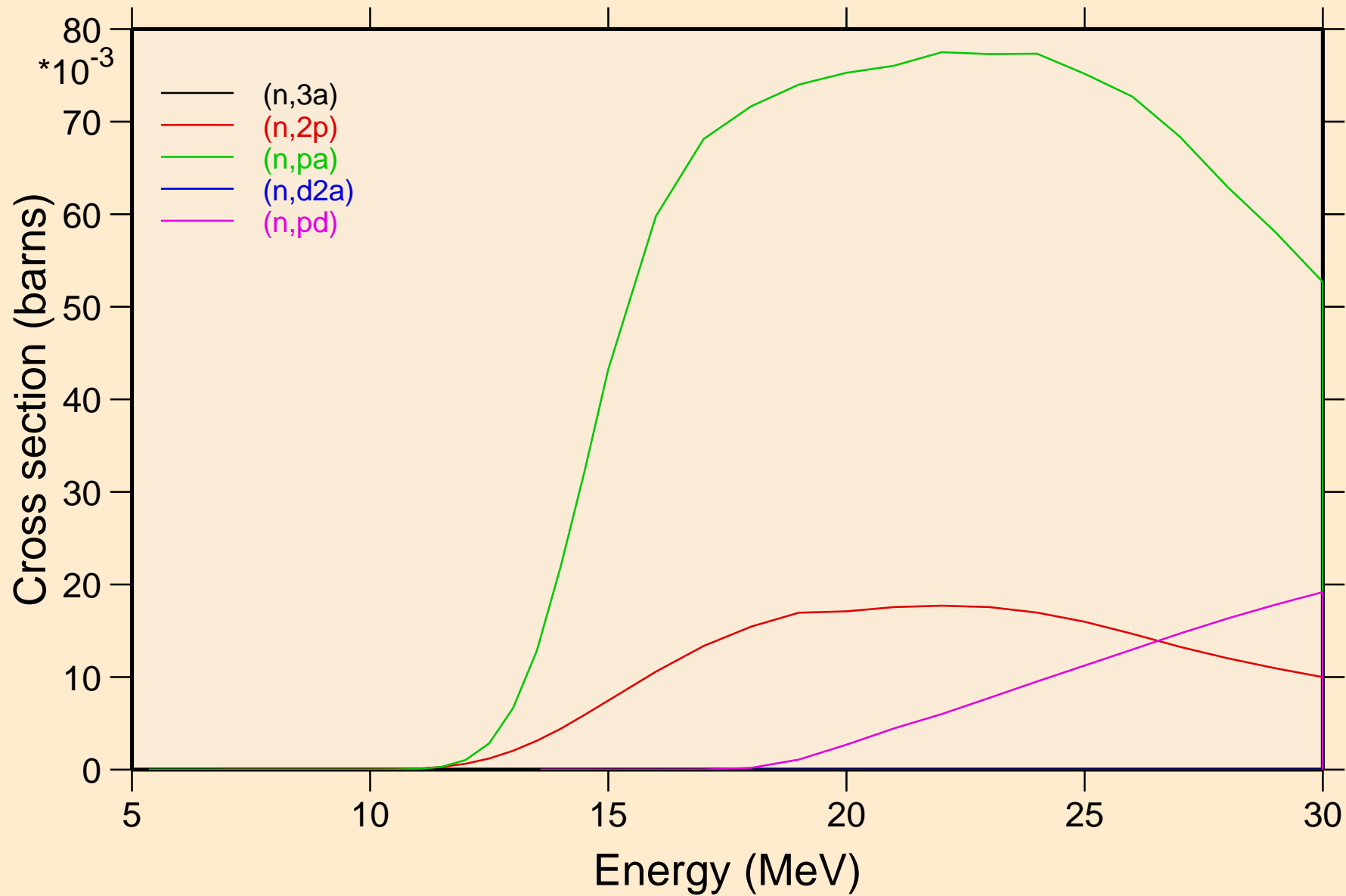
# V047 NRG TENDL-2015, AKONING

## Threshold reactions



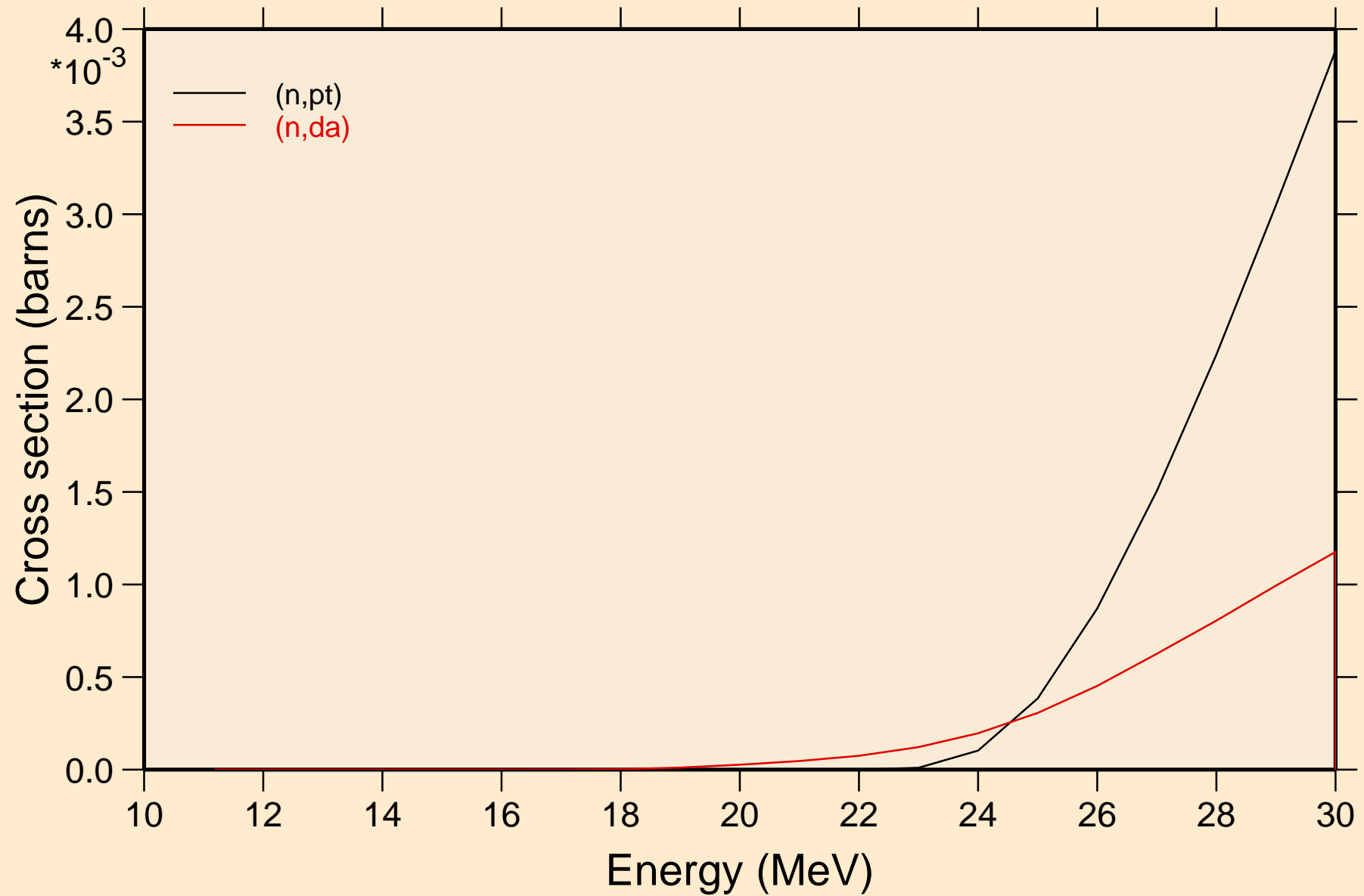
# V047 NRG TENDL-2015, AKONING

## Threshold reactions



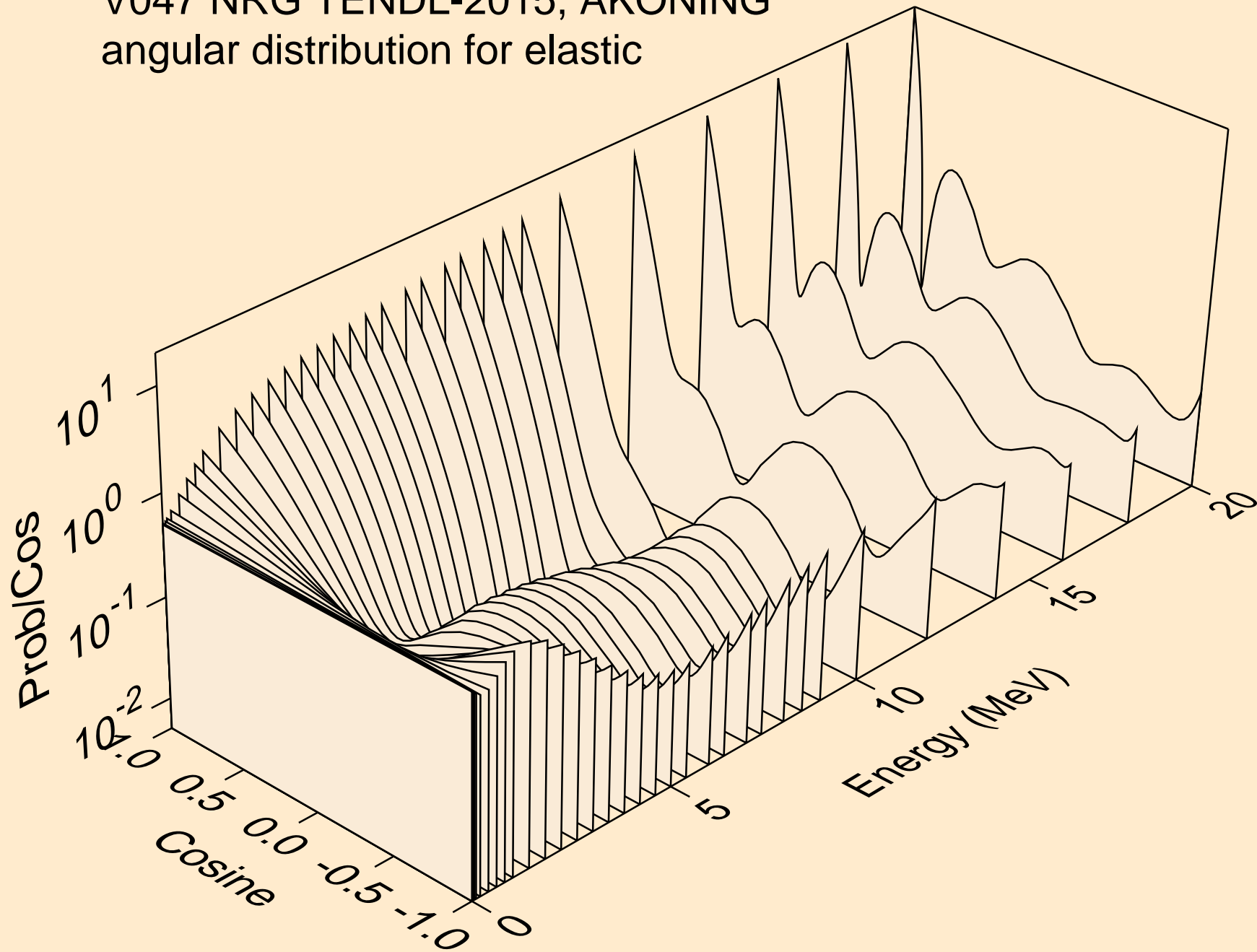
# V047 NRG TENDL-2015, AKONING

## Threshold reactions

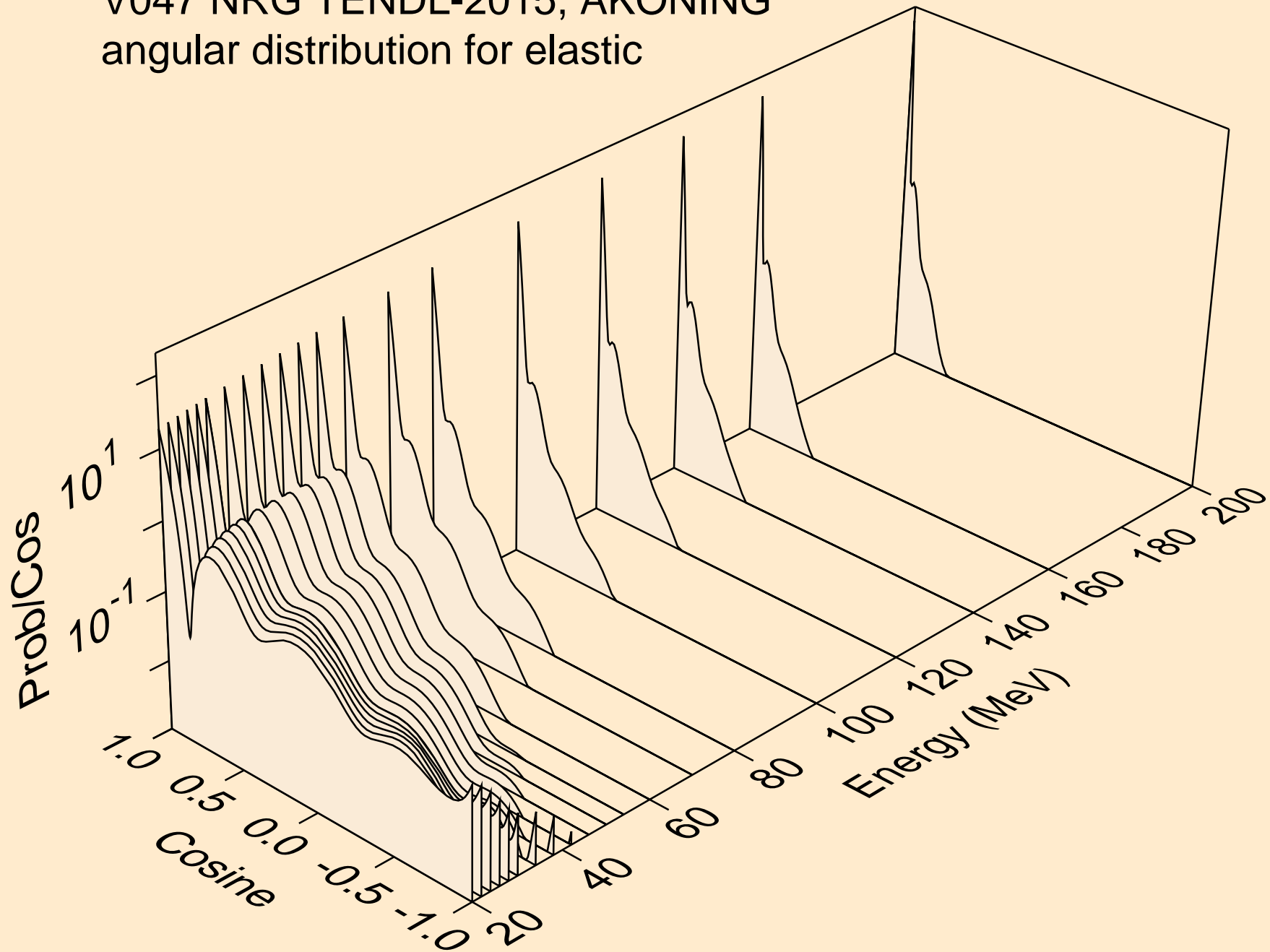




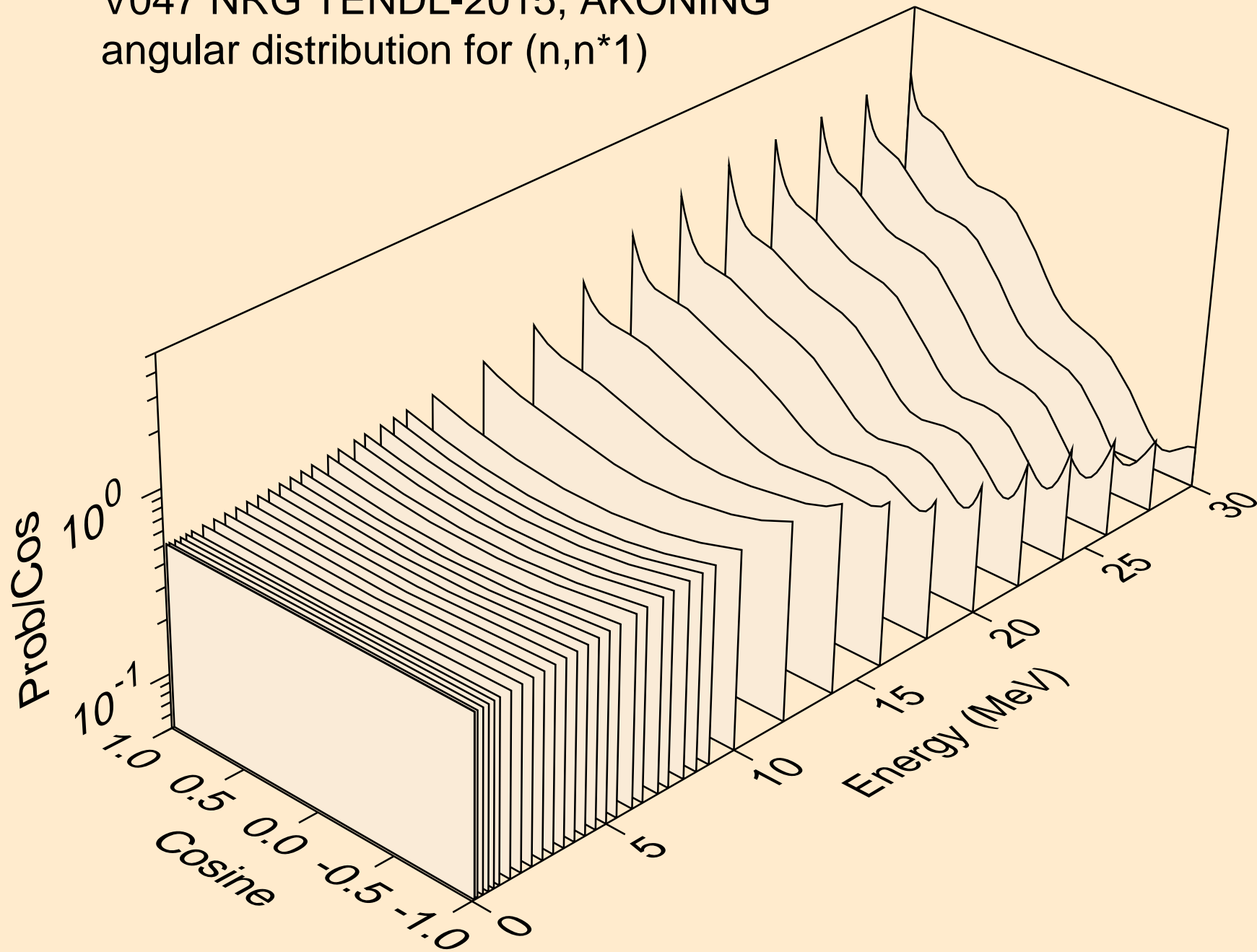
V047 NRG TENDL-2015, AKONING  
angular distribution for elastic



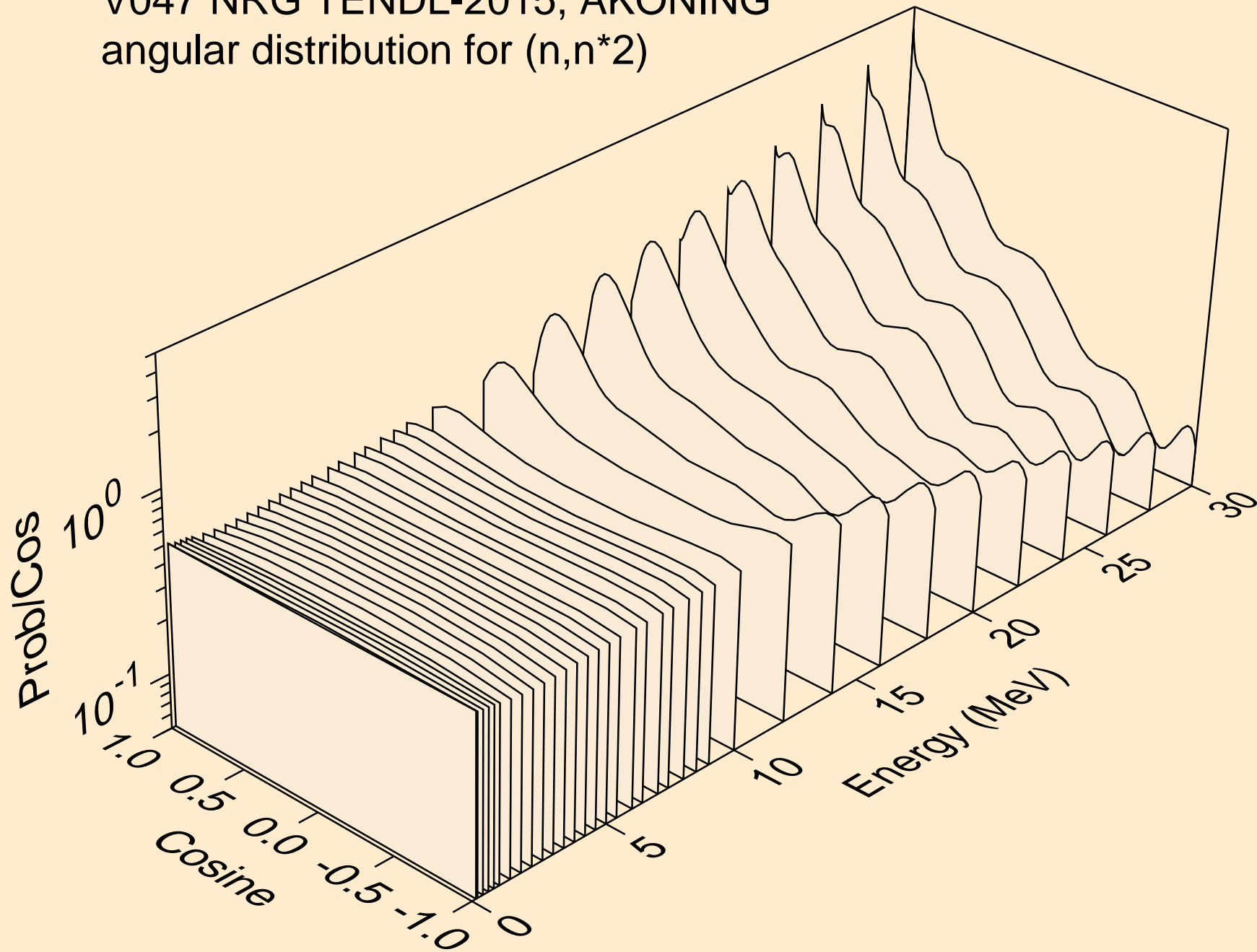
V047 NRG TENDL-2015, AKONING  
angular distribution for elastic



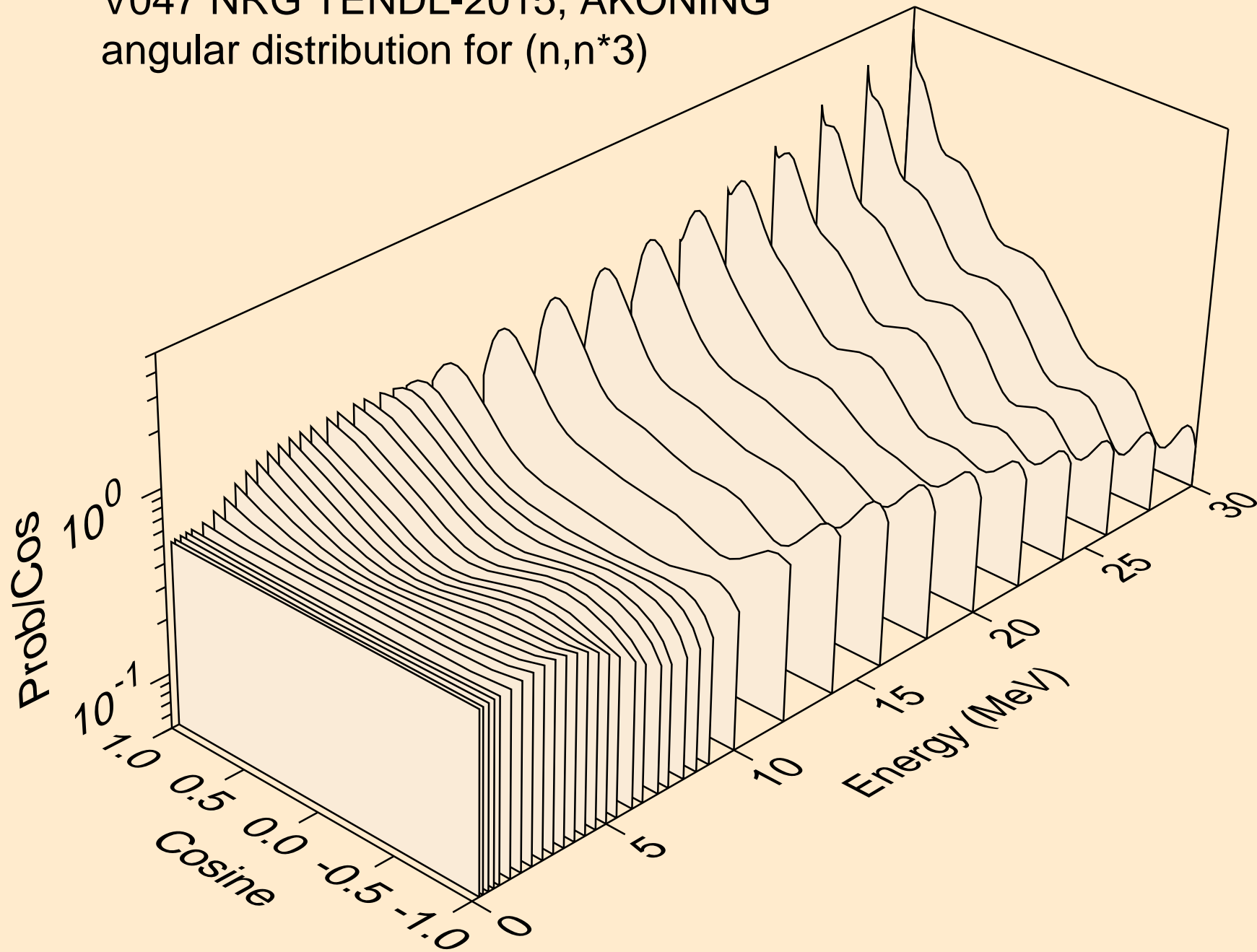
V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



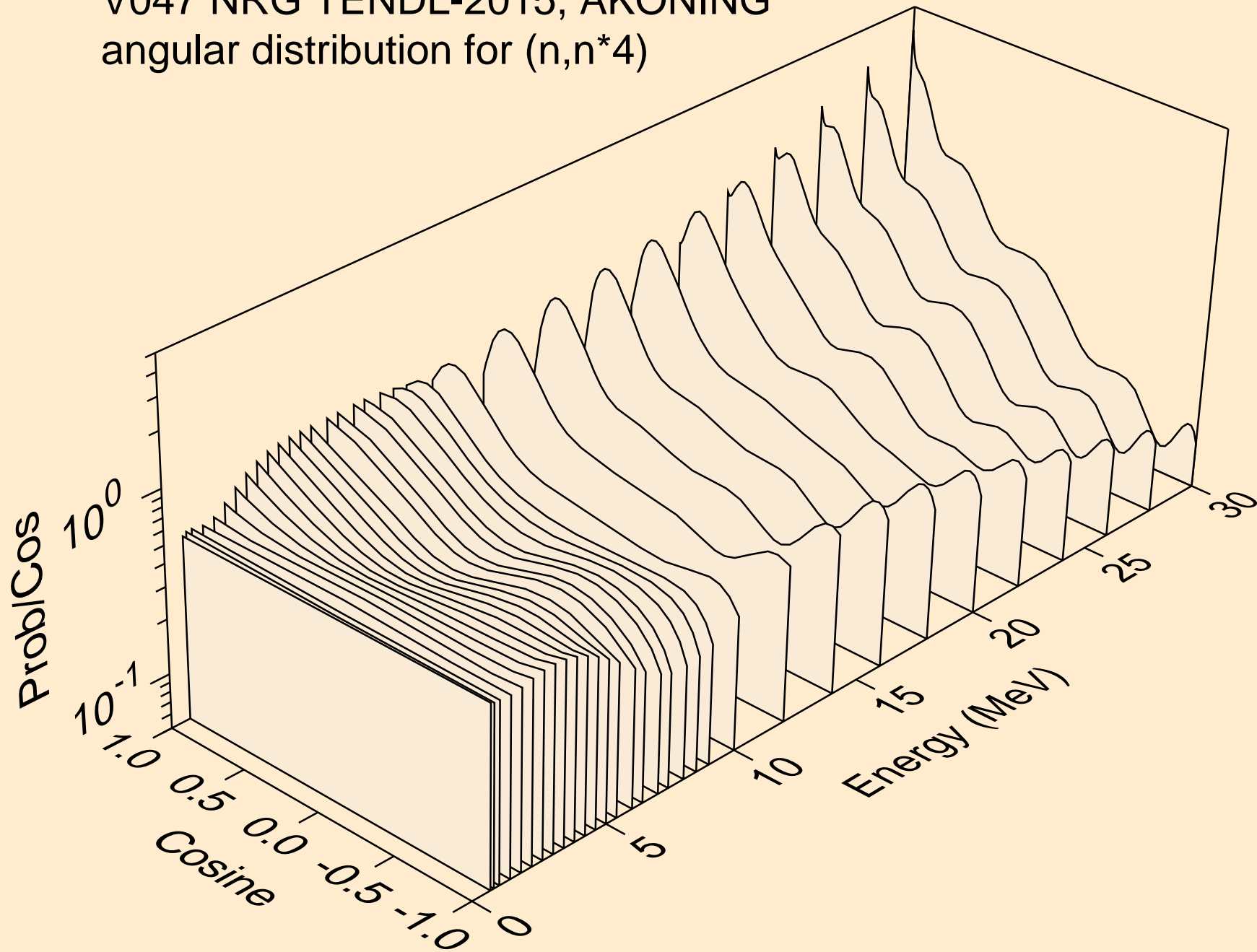
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angular distribution for (n,n\*2)



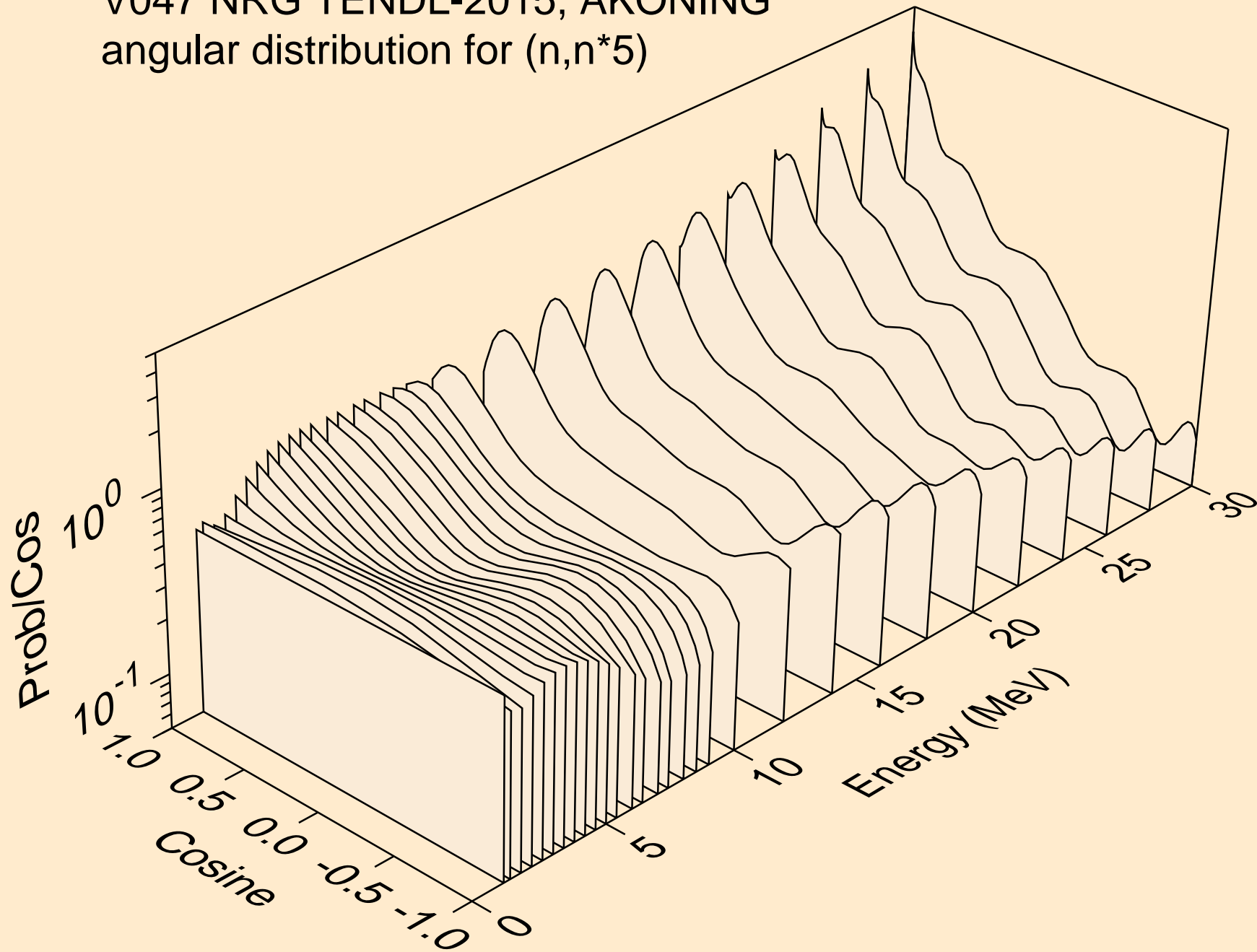
V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



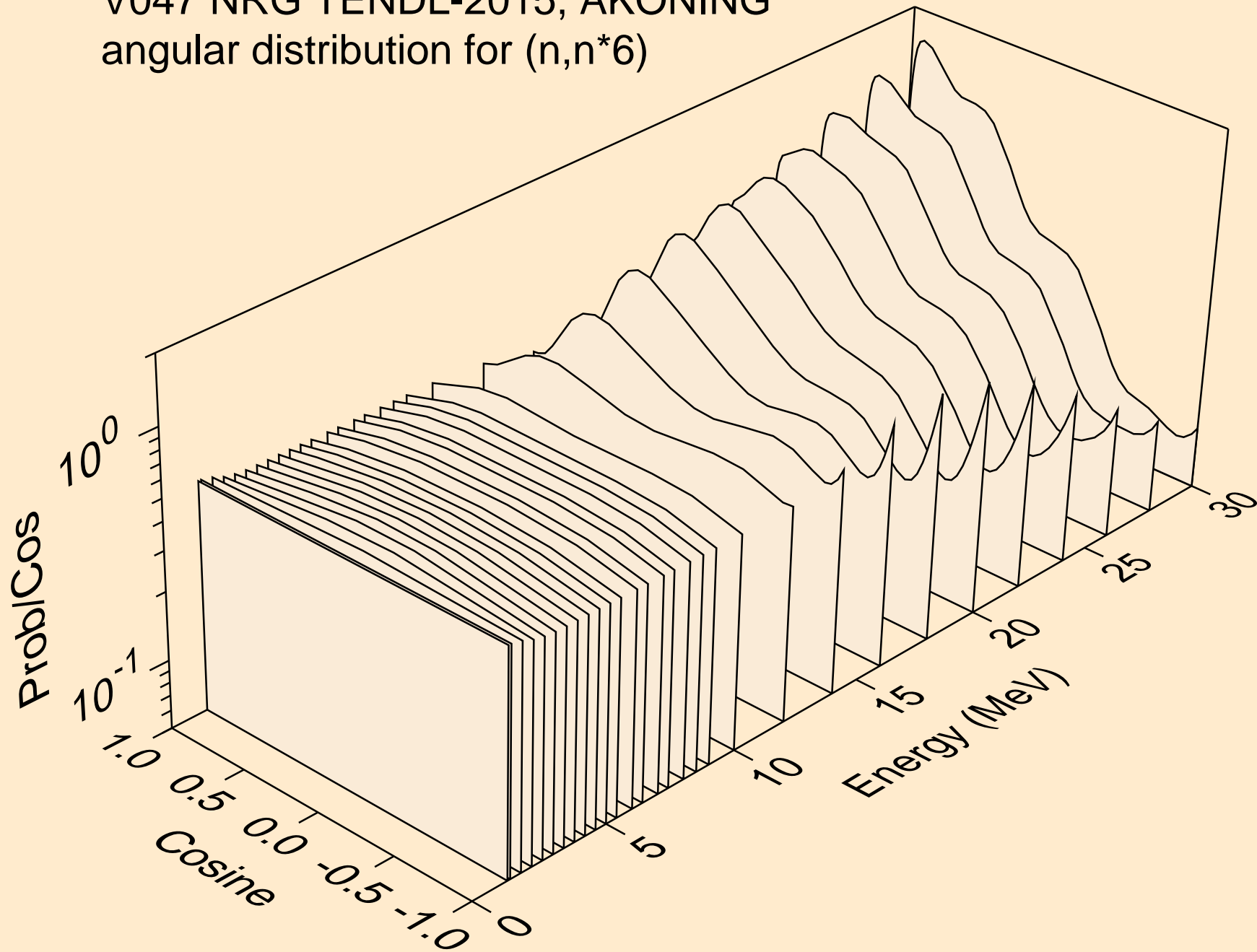
V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

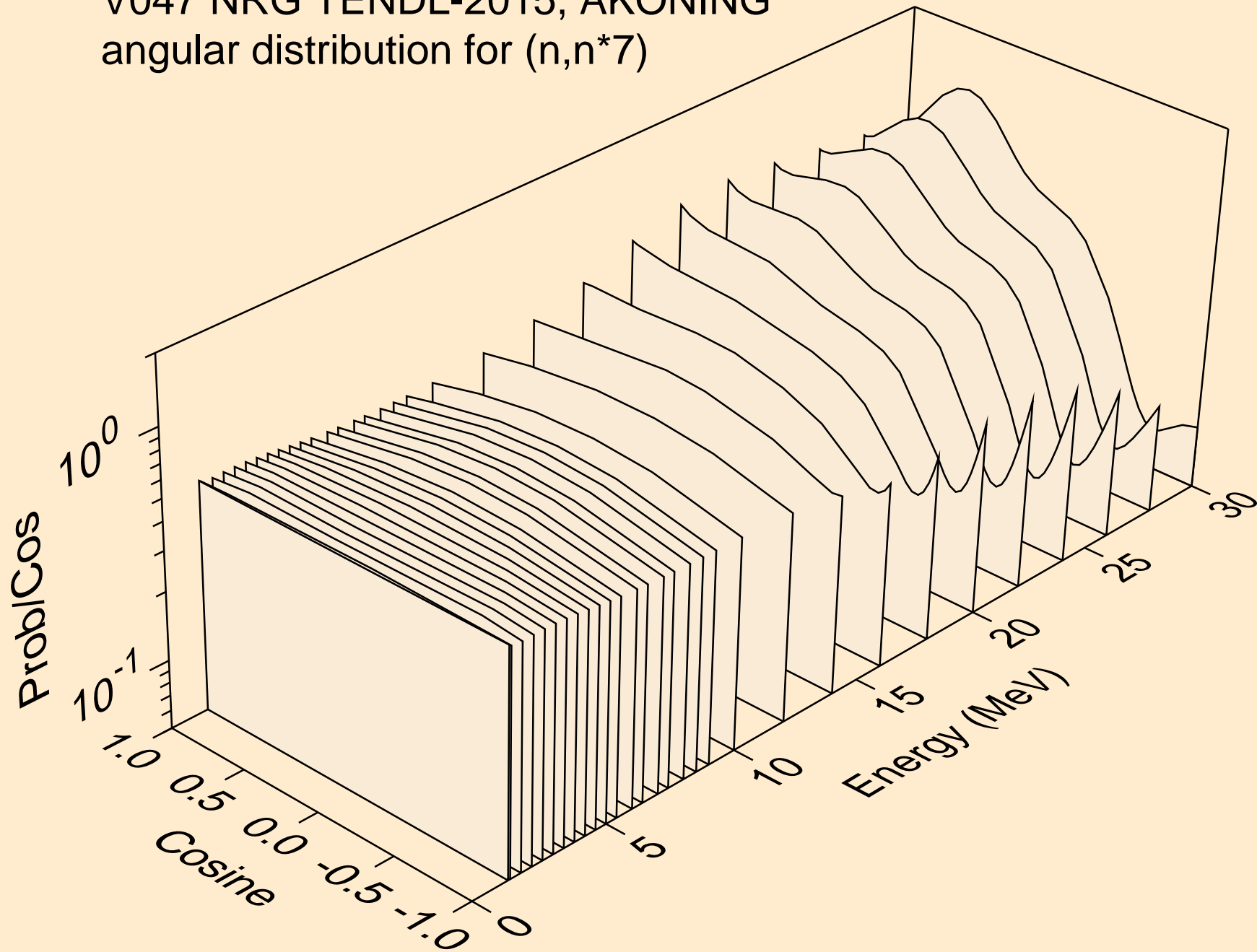


V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

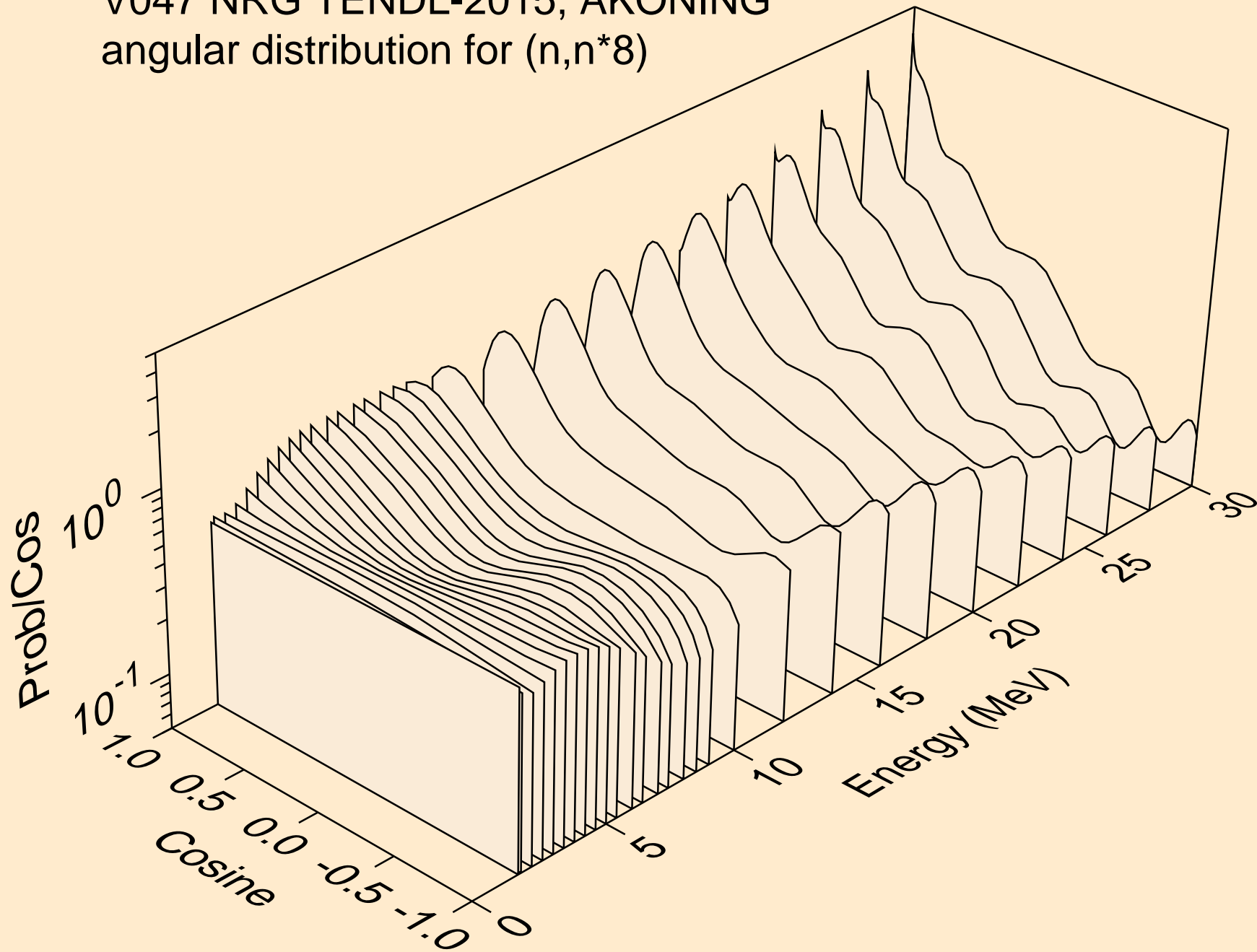




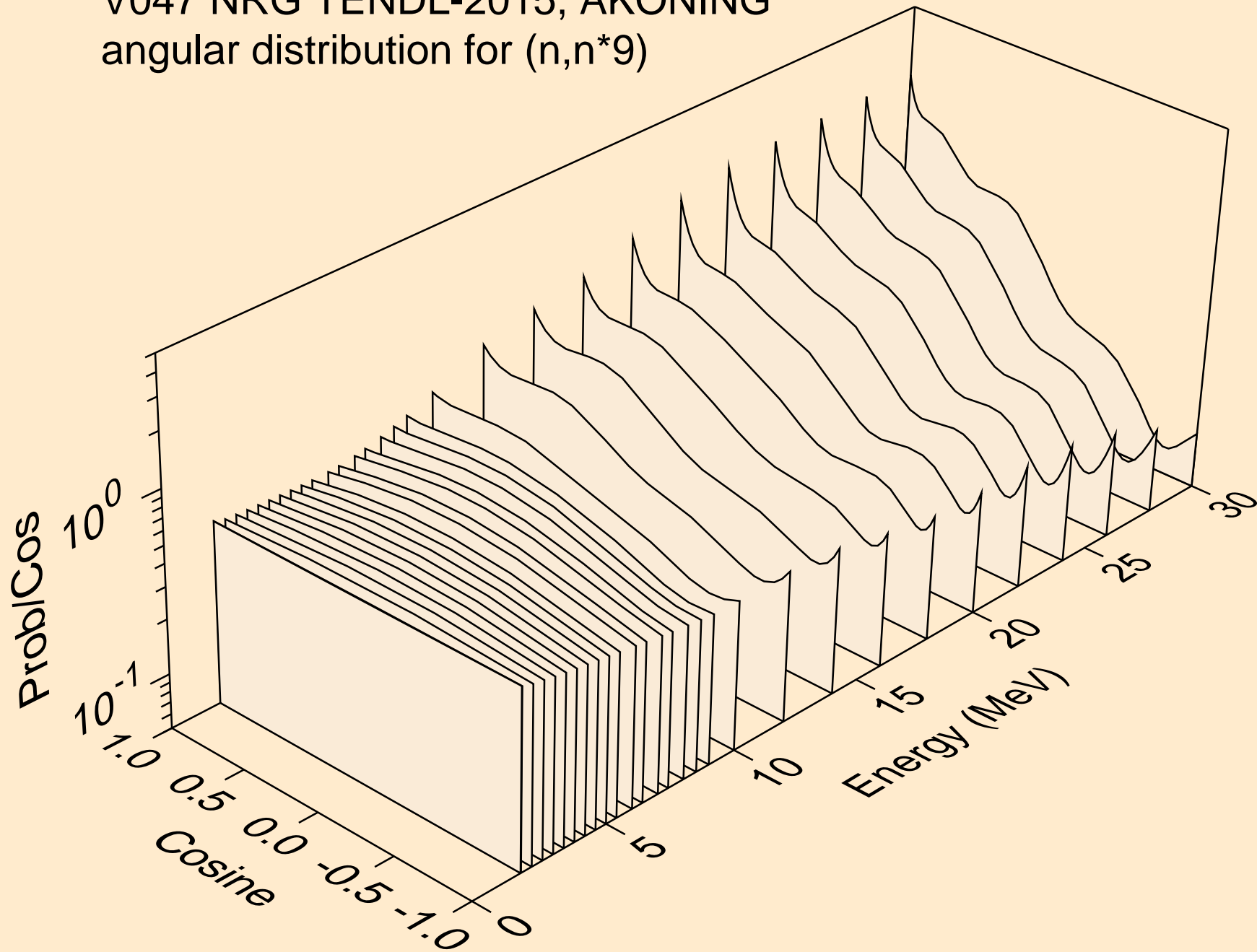
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angular distribution for (n,n\*7)



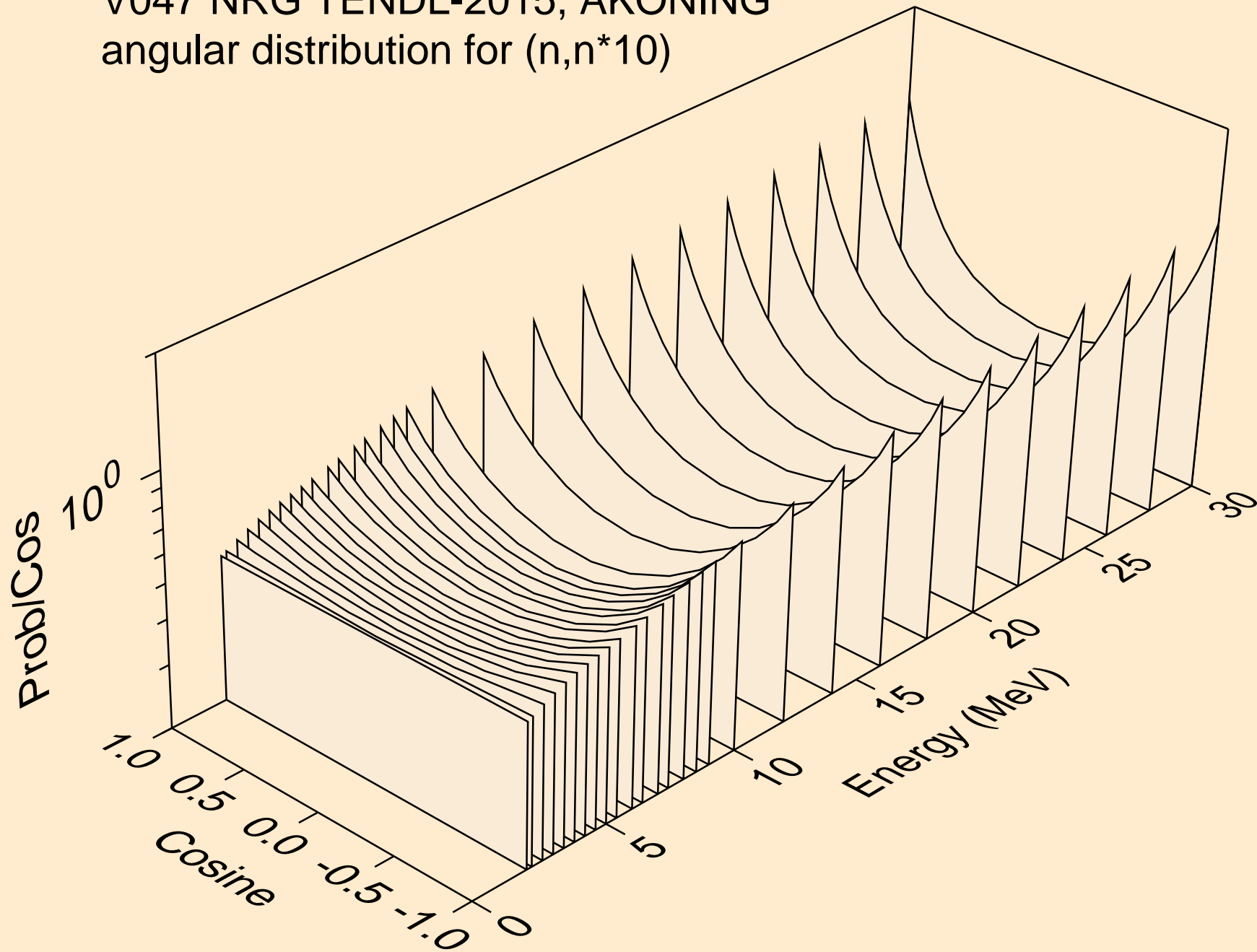
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angular distribution for (n,n\*8)



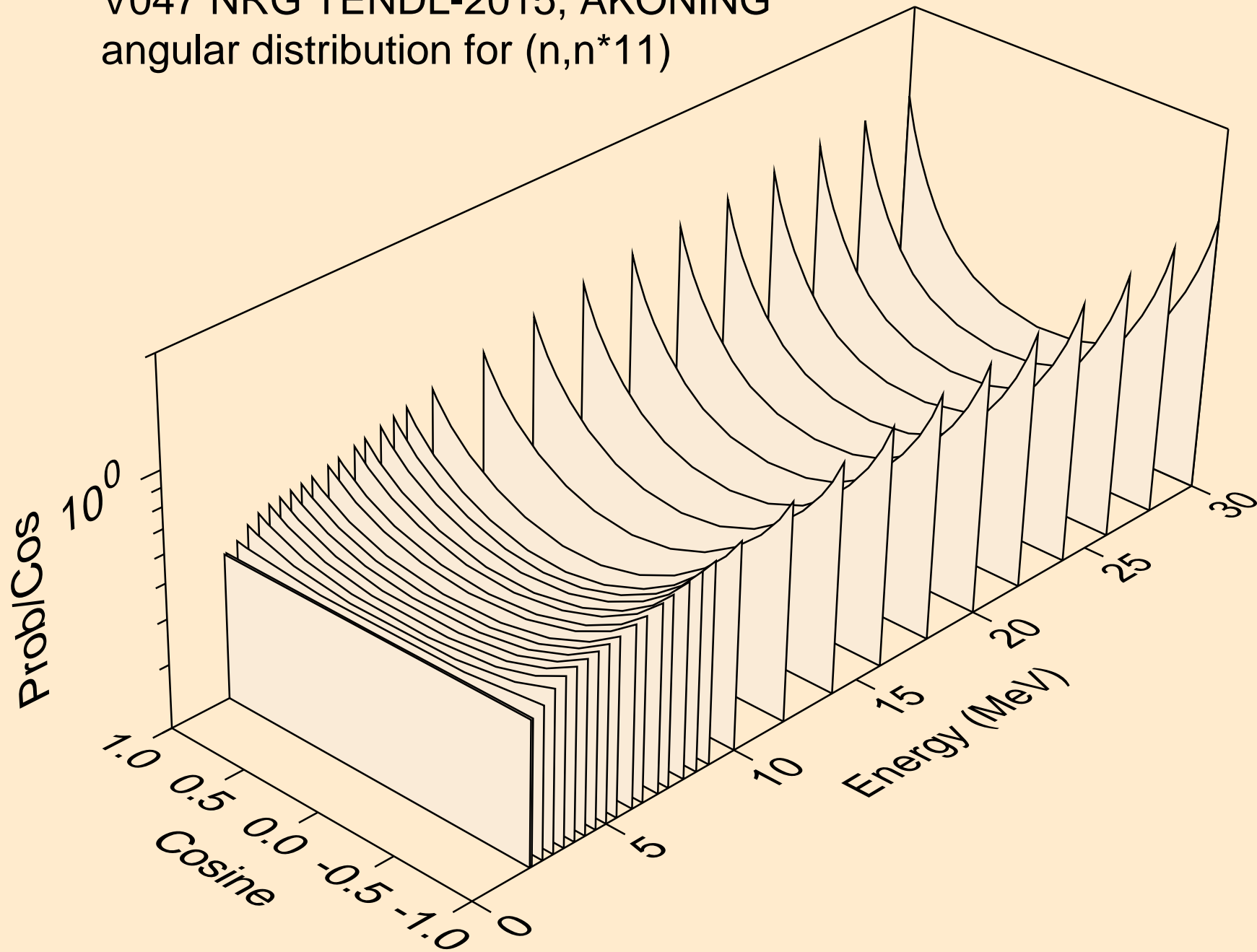
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angular distribution for (n,n\*9)



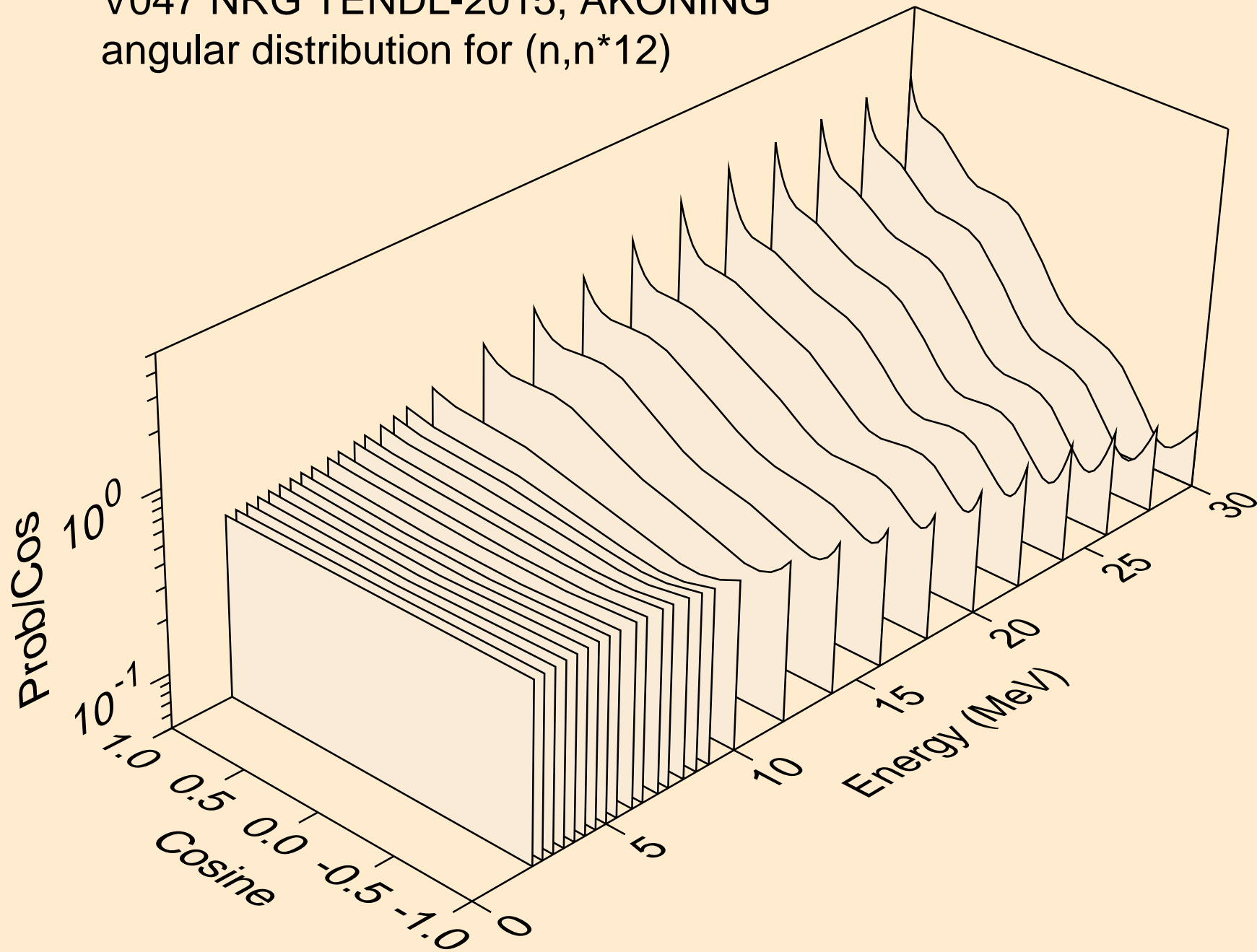
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angular distribution for (n,n\*10)



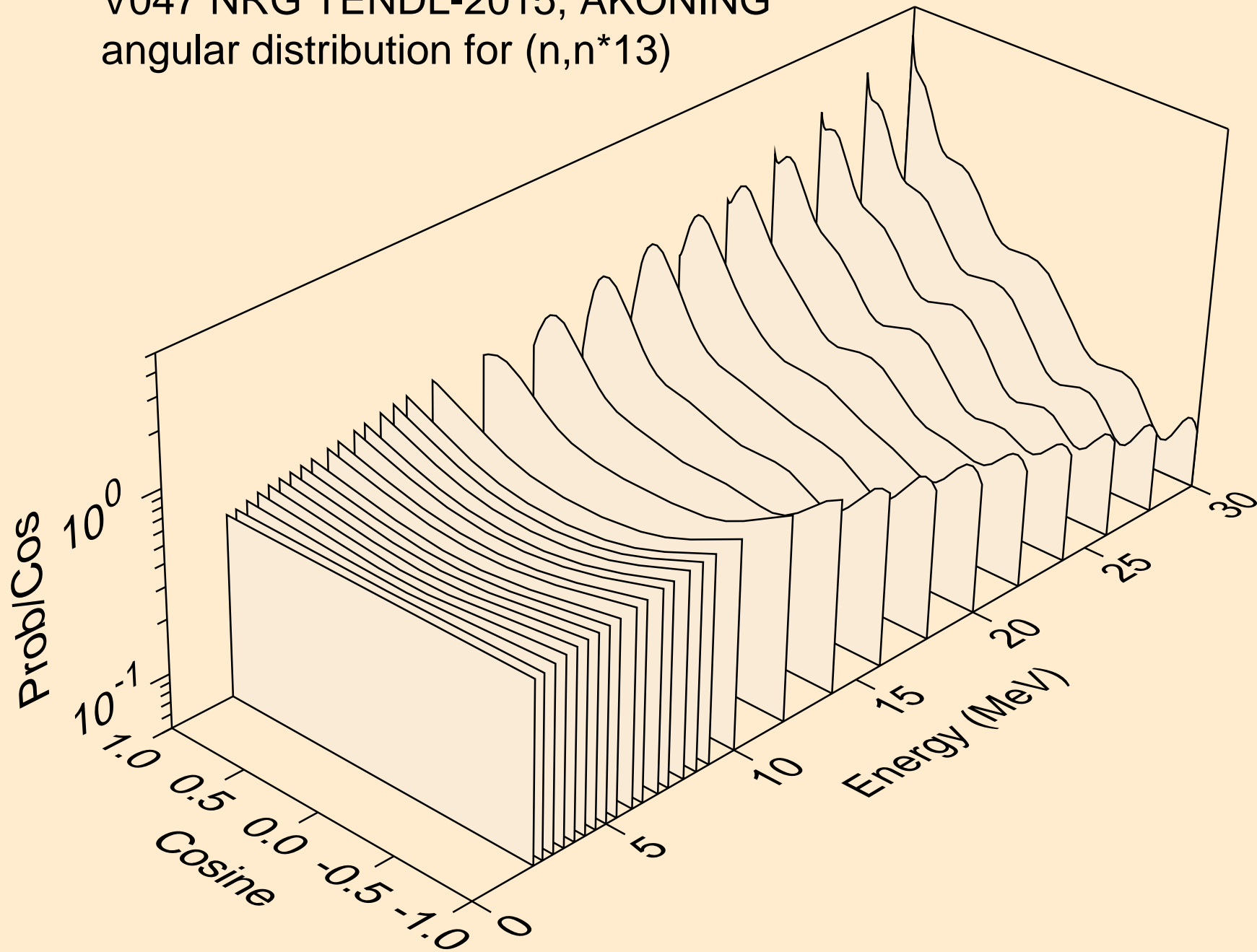
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angular distribution for (n,n\*11)



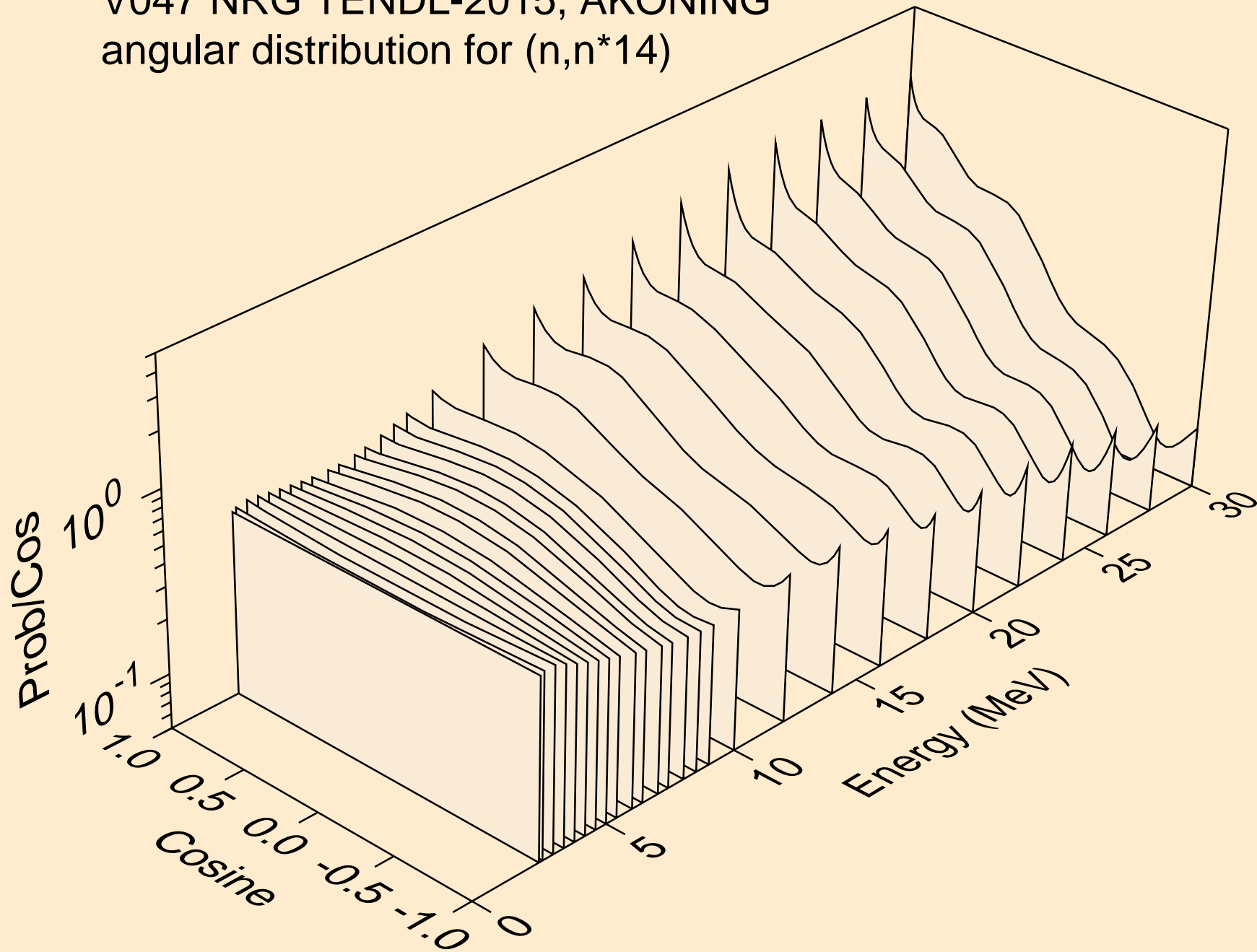
V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

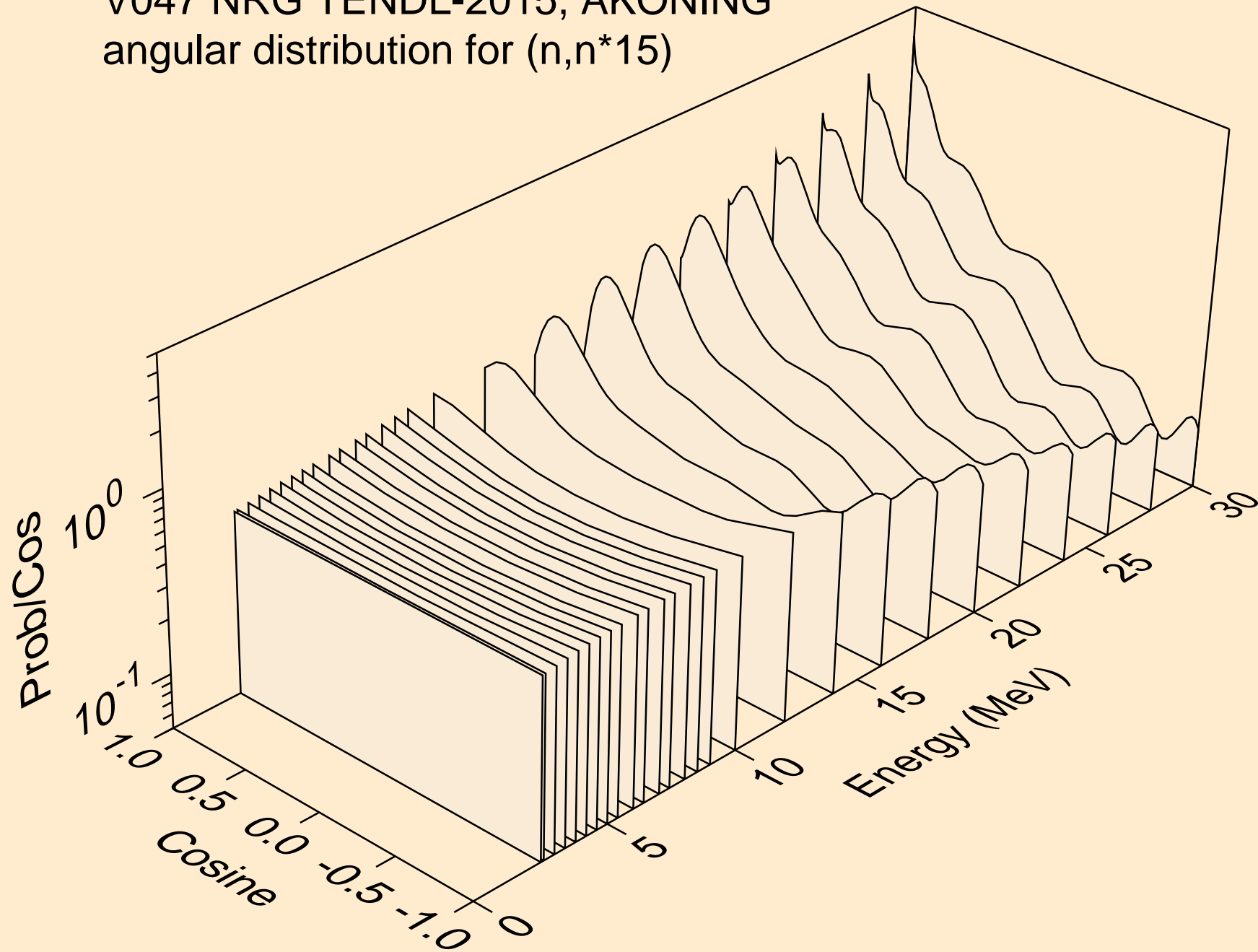


V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

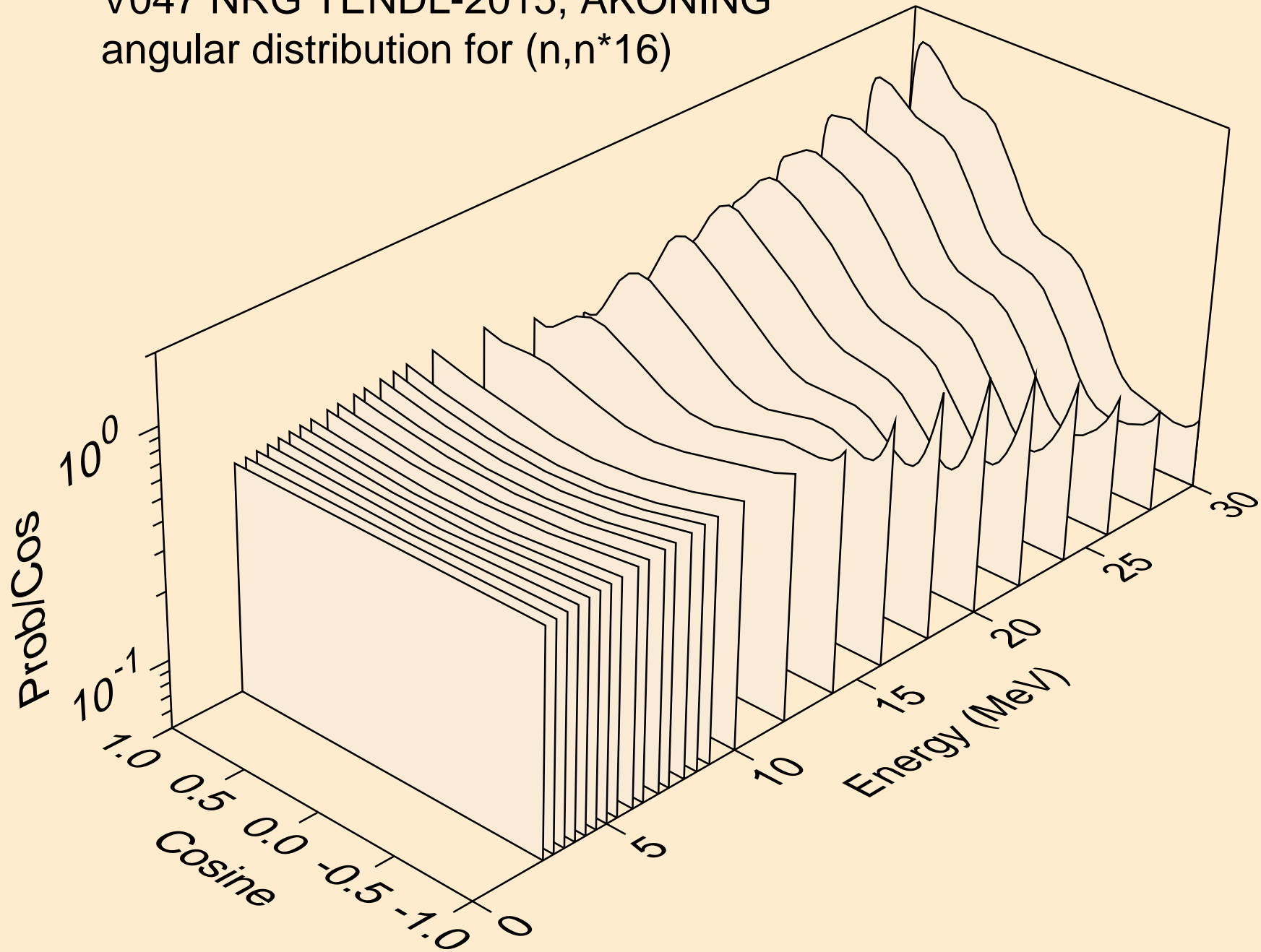




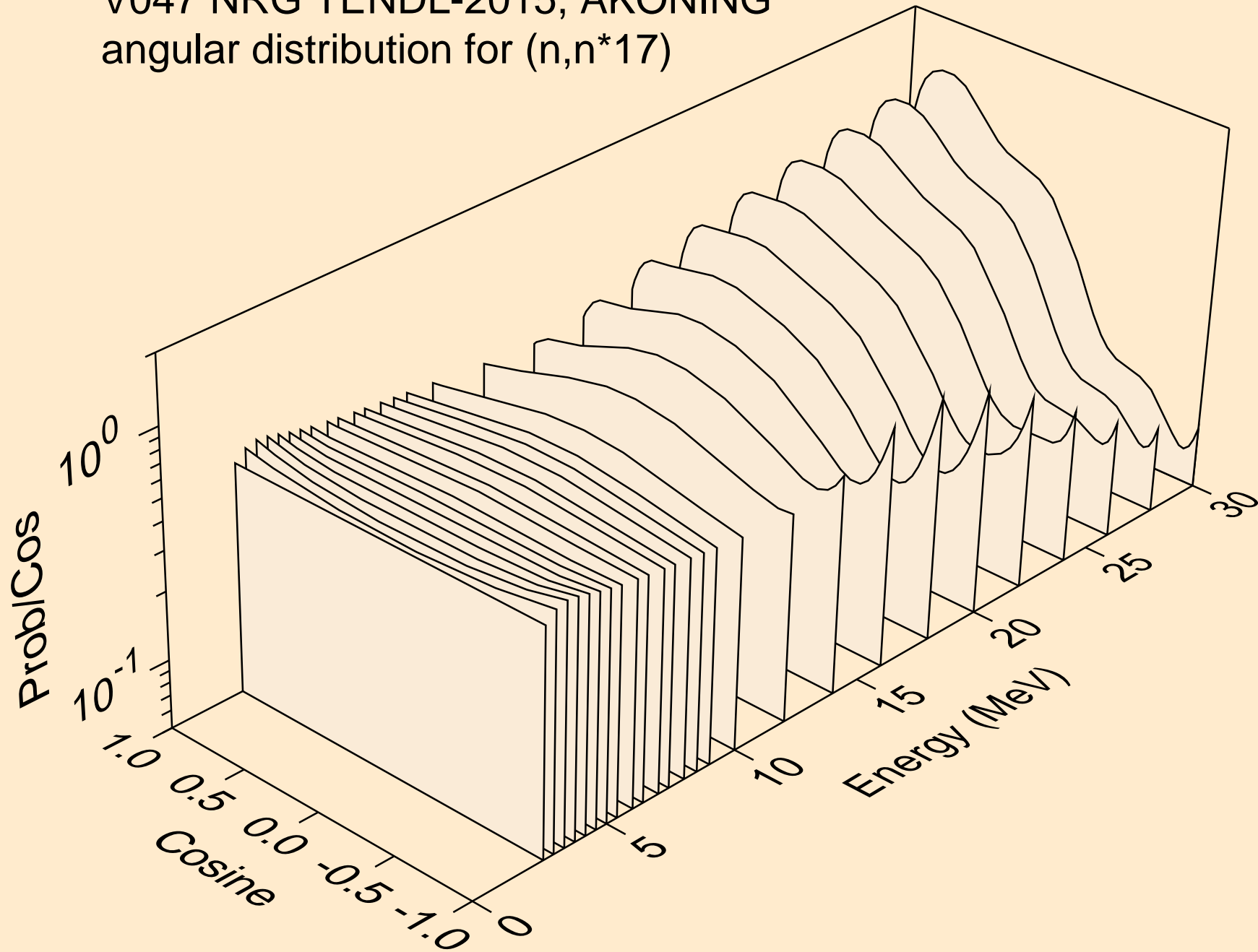
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angular distribution for (n,n\*15)



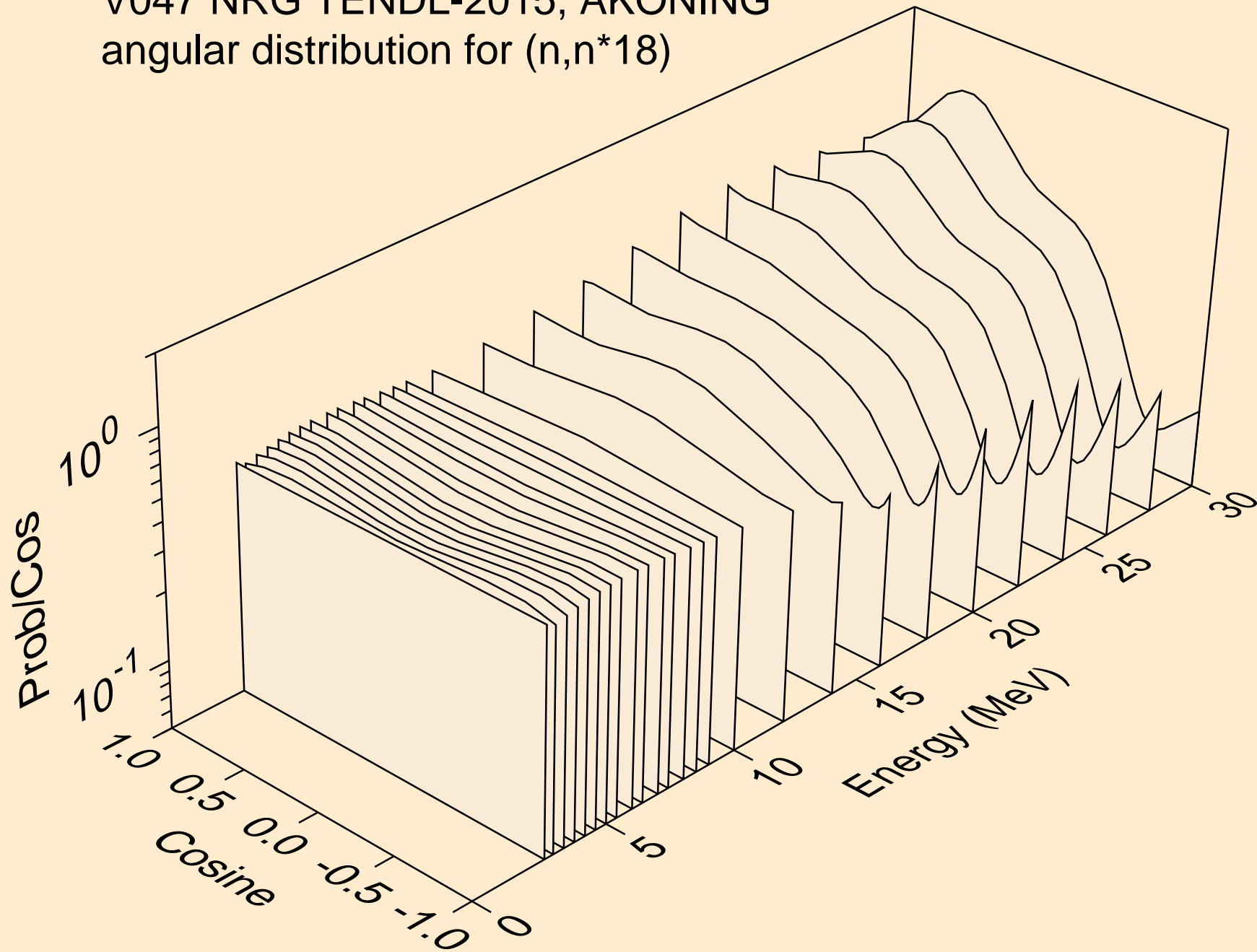
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angular distribution for (n,n\*16)



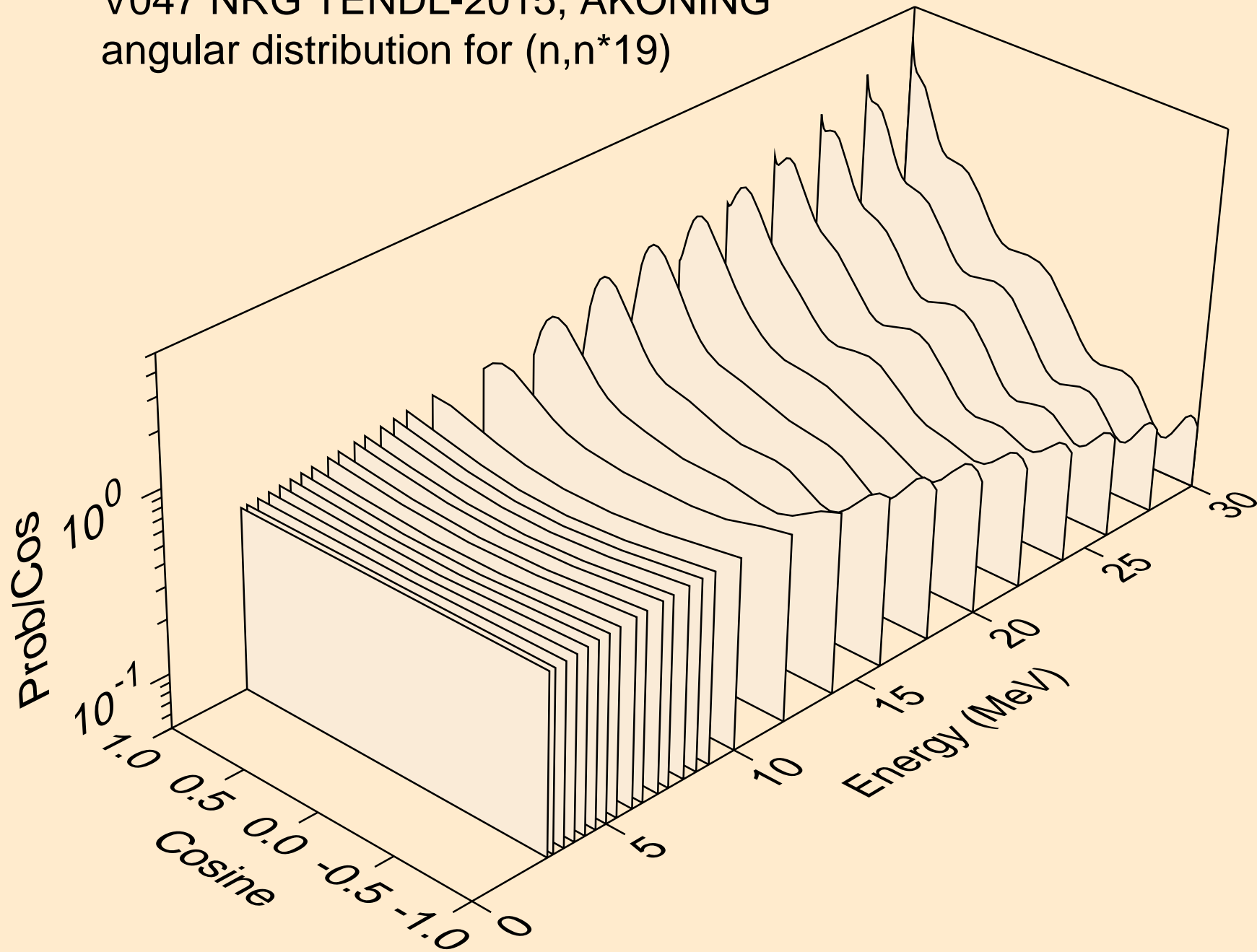
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angular distribution for (n,n\*17)



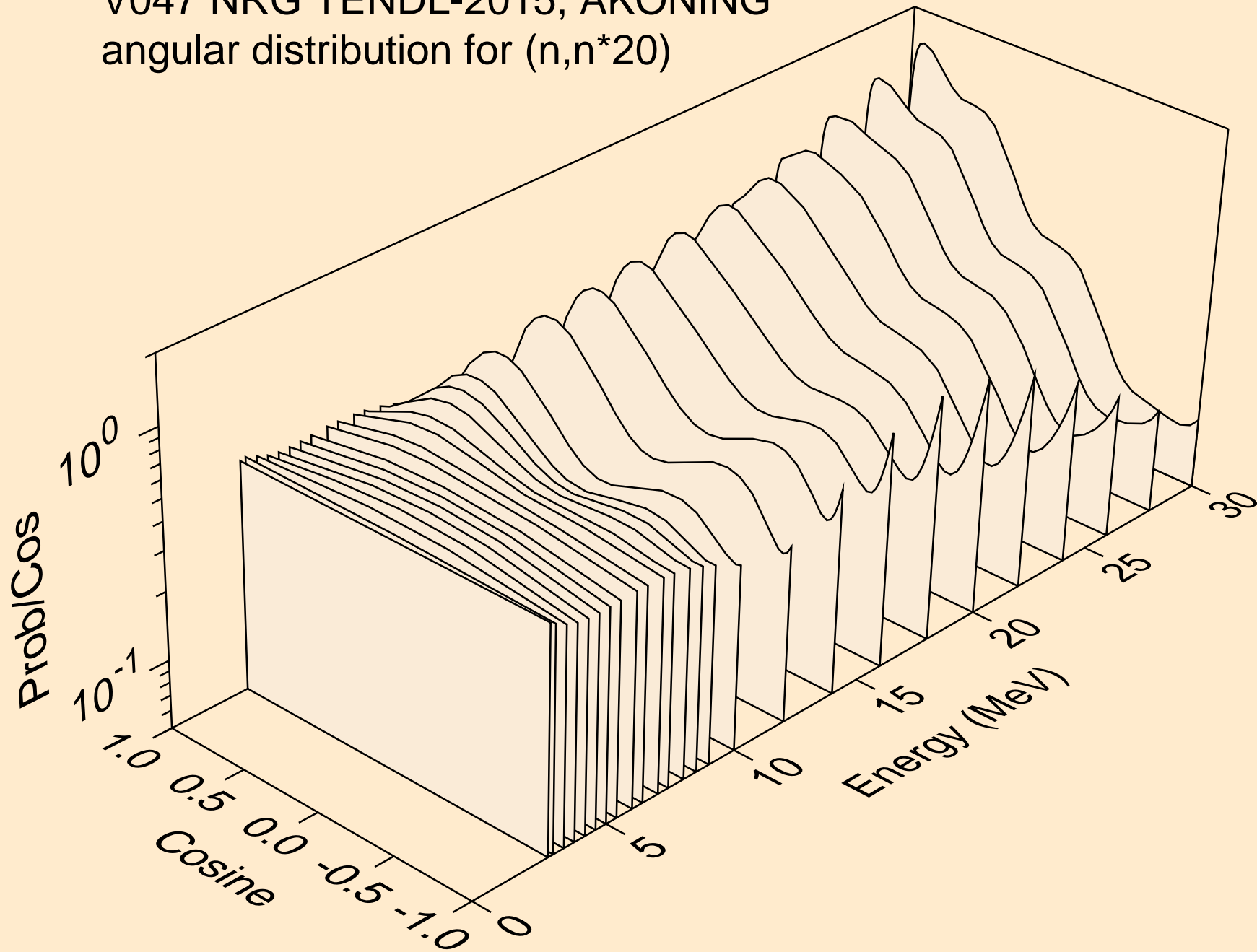
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angular distribution for (n,n\*18)



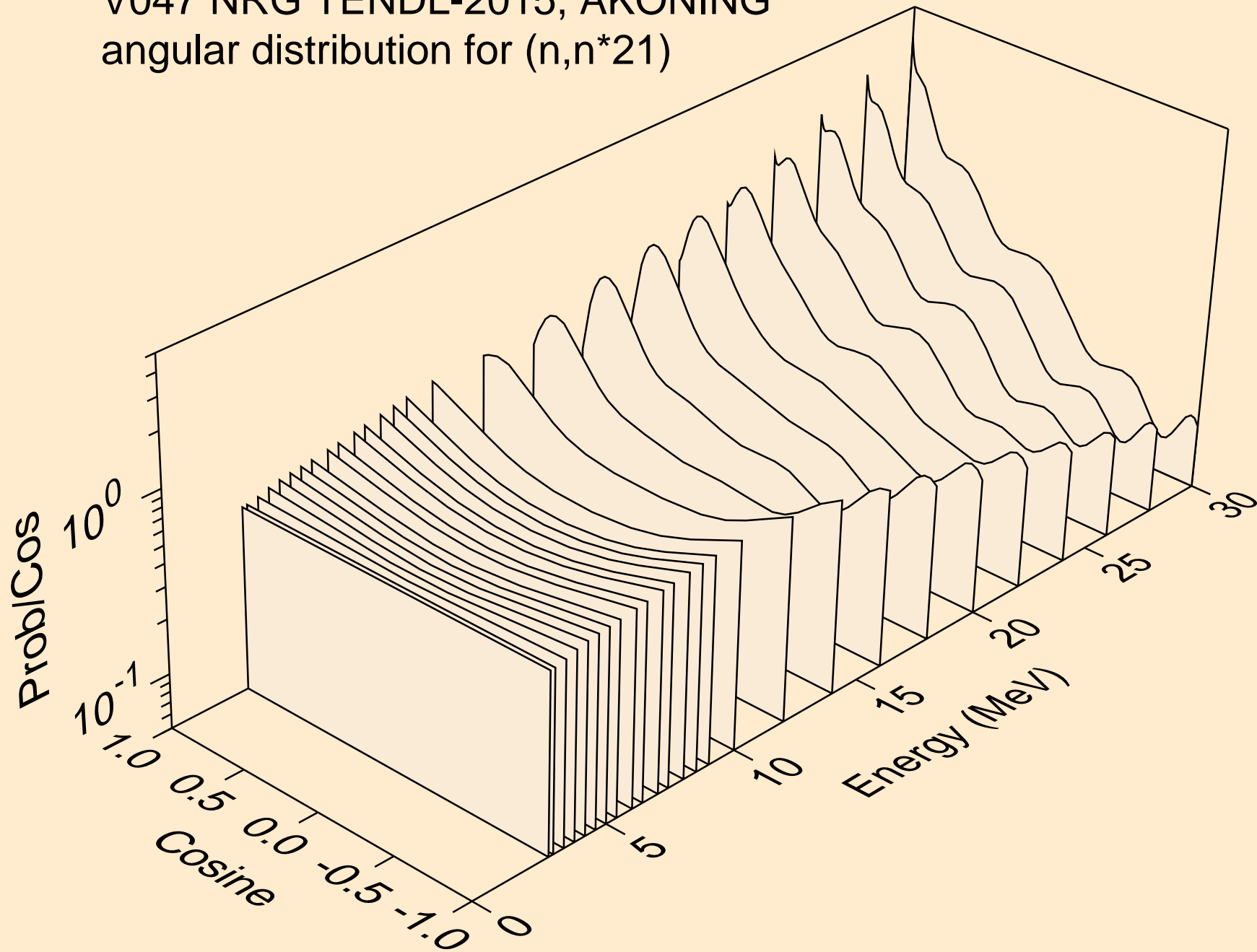
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angular distribution for (n,n\*19)



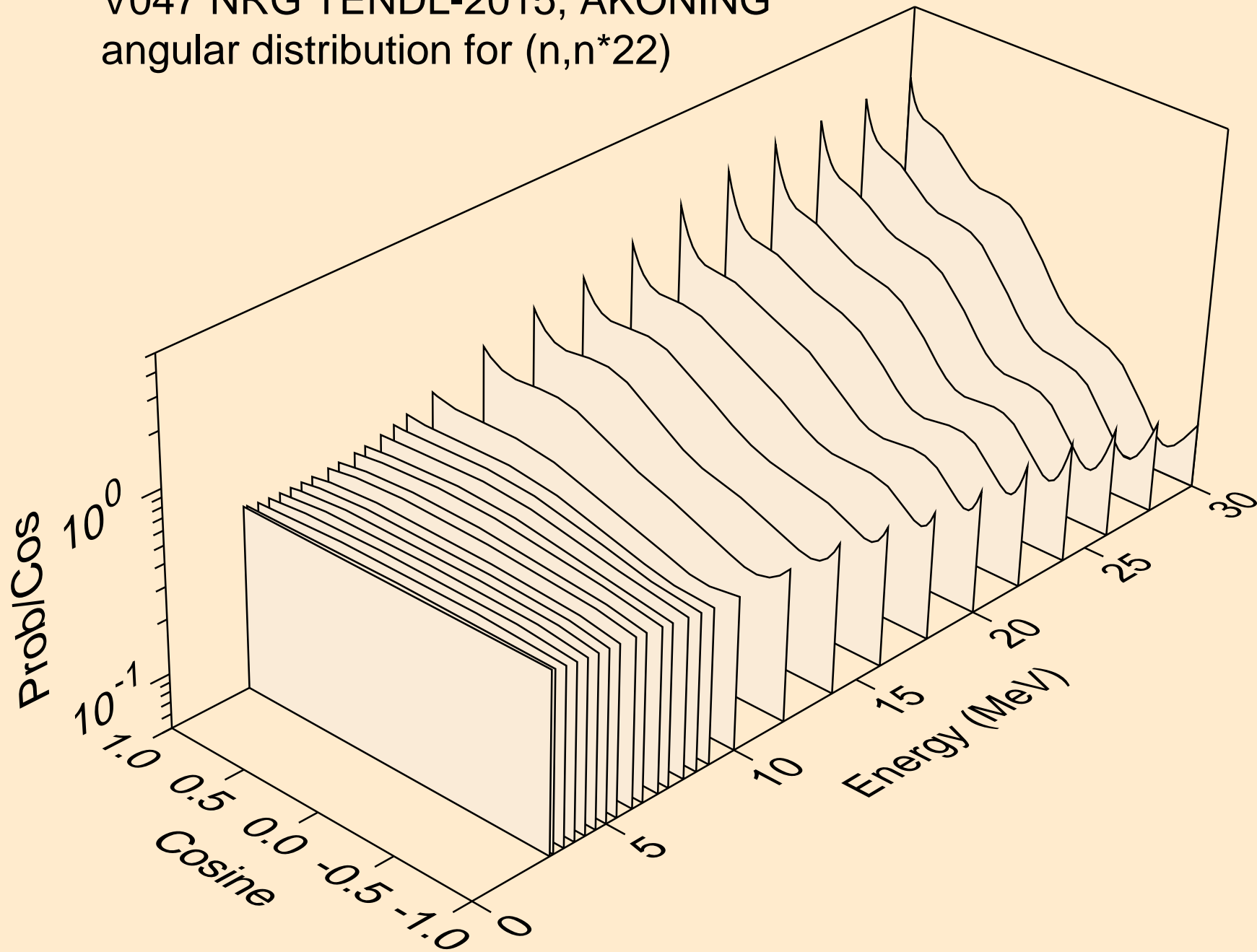
V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

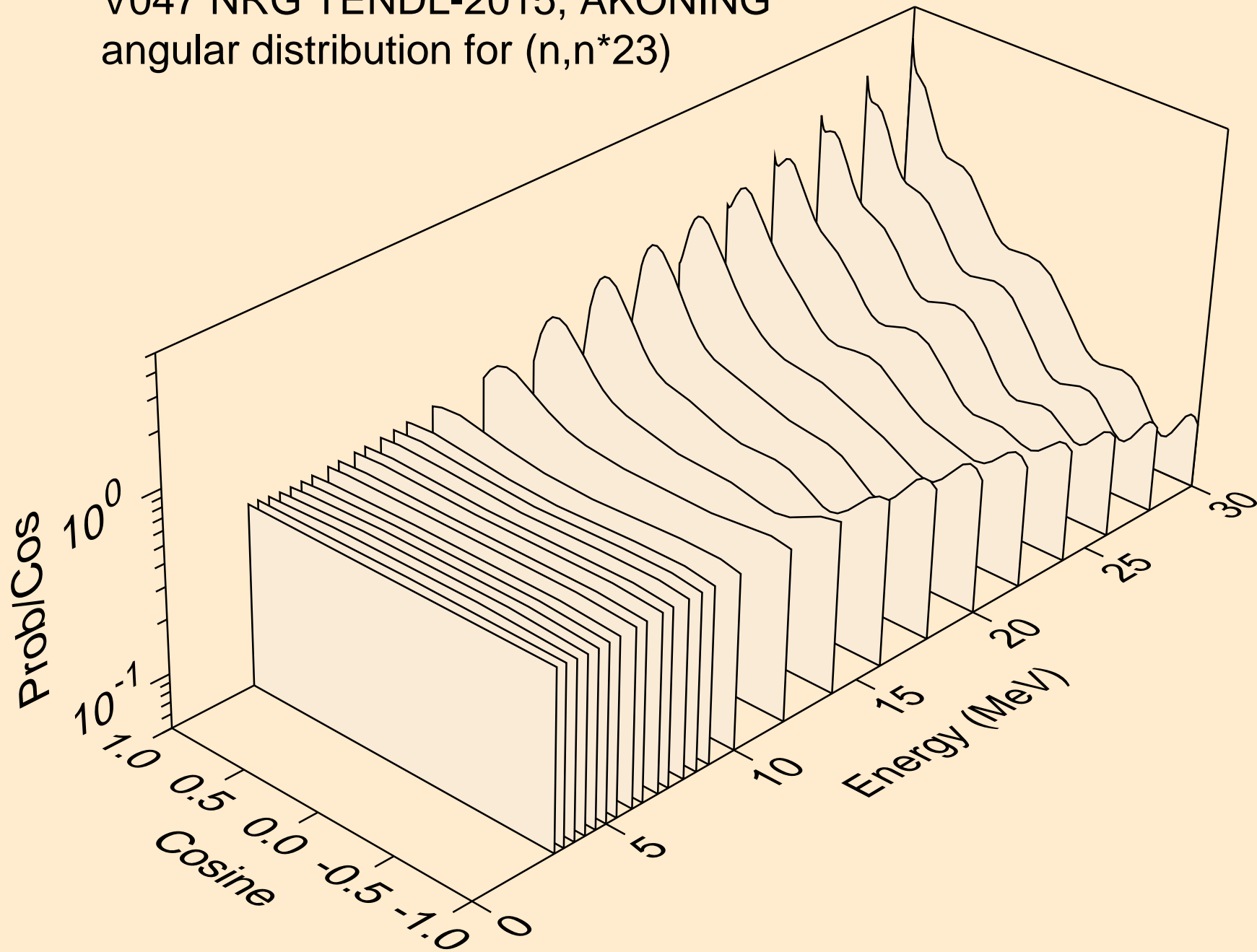


V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

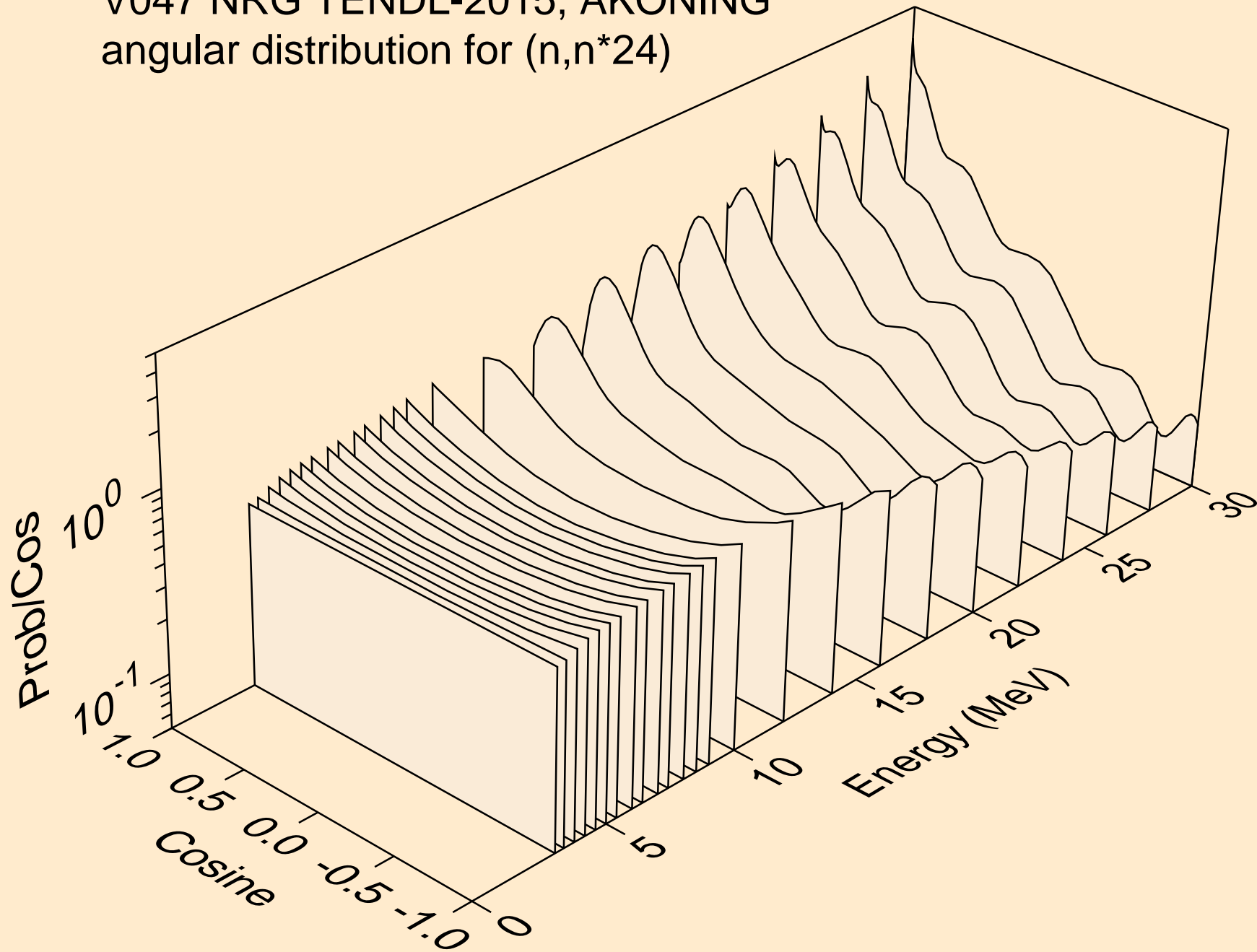




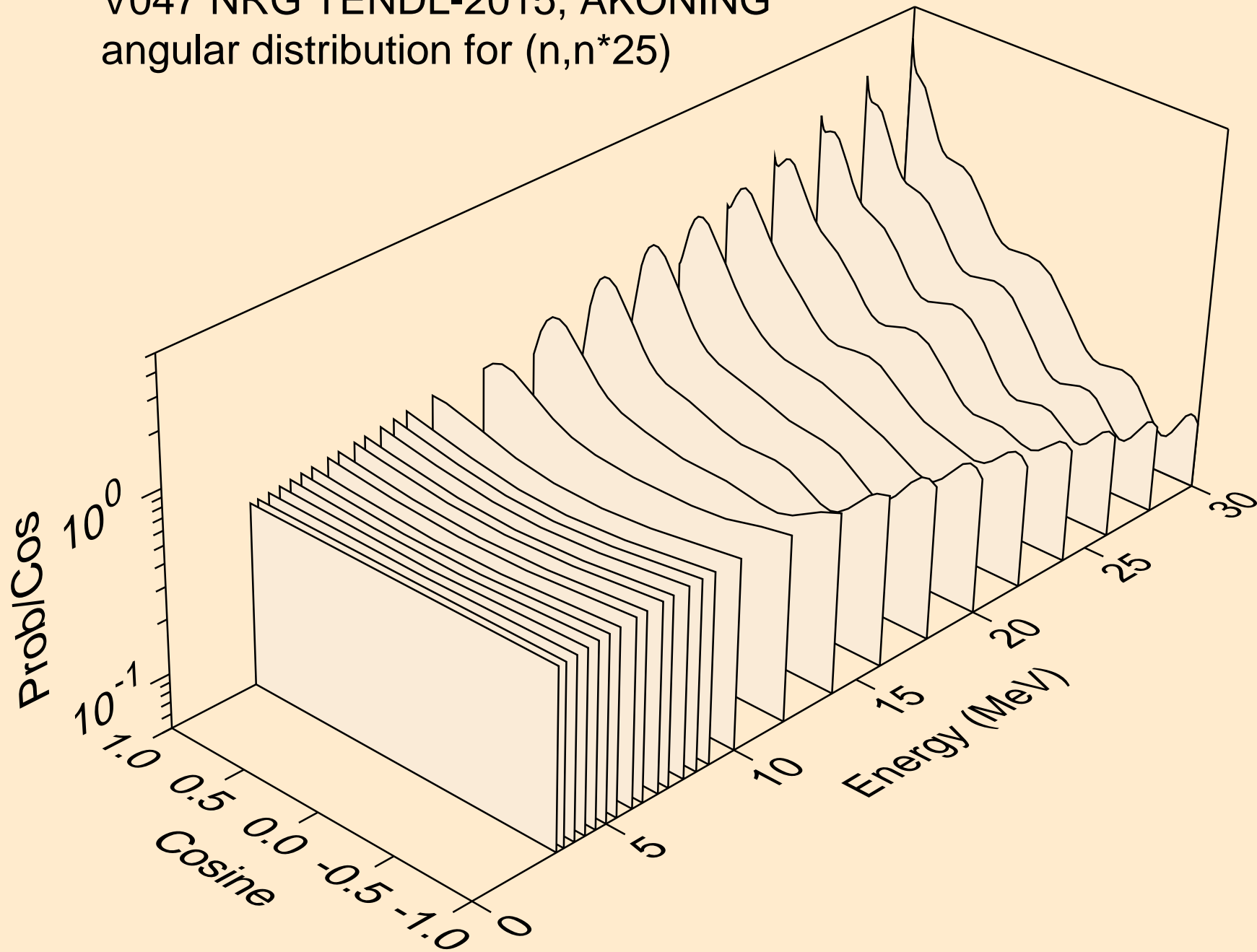
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angular distribution for (n,n\*23)



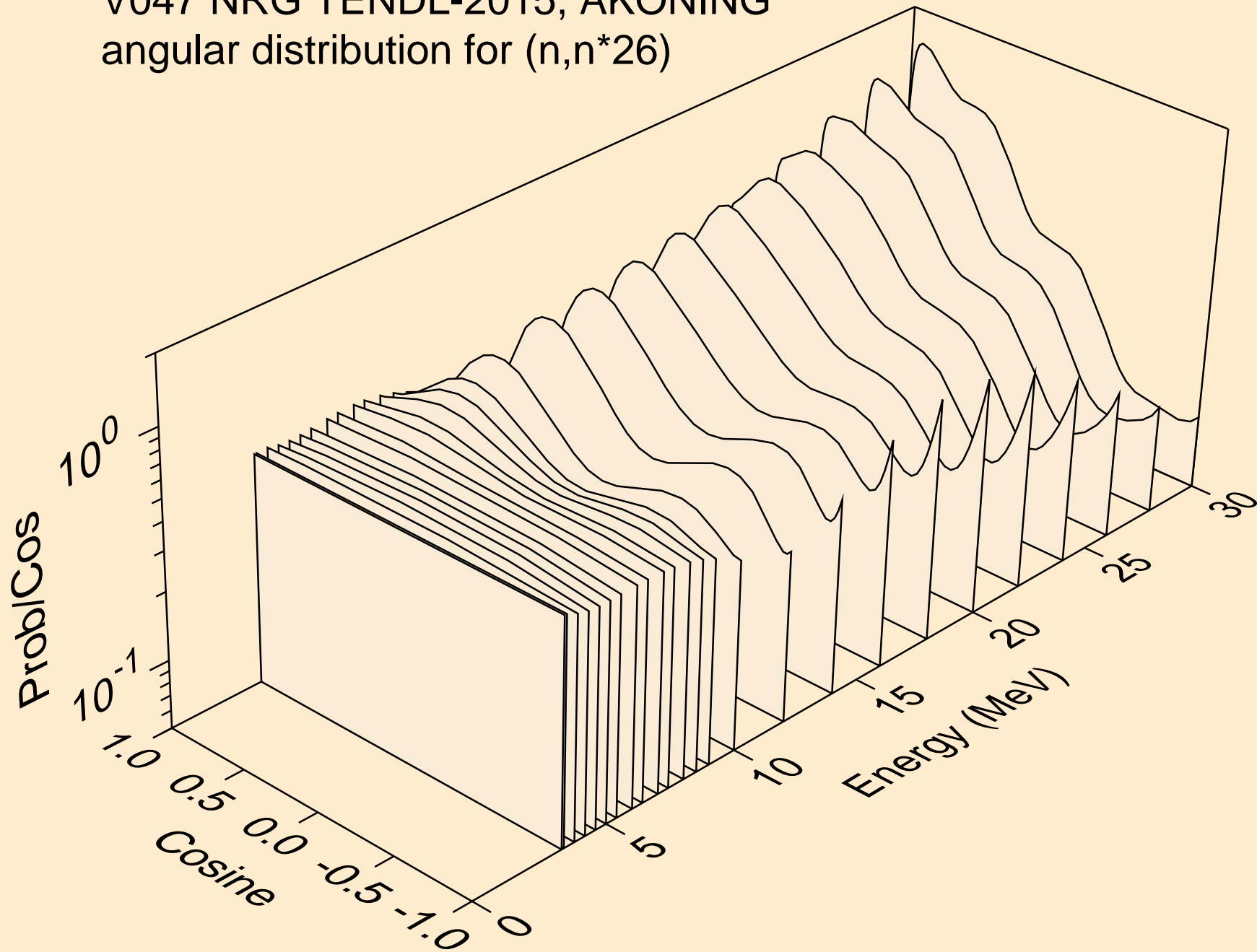
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angular distribution for (n,n\*24)



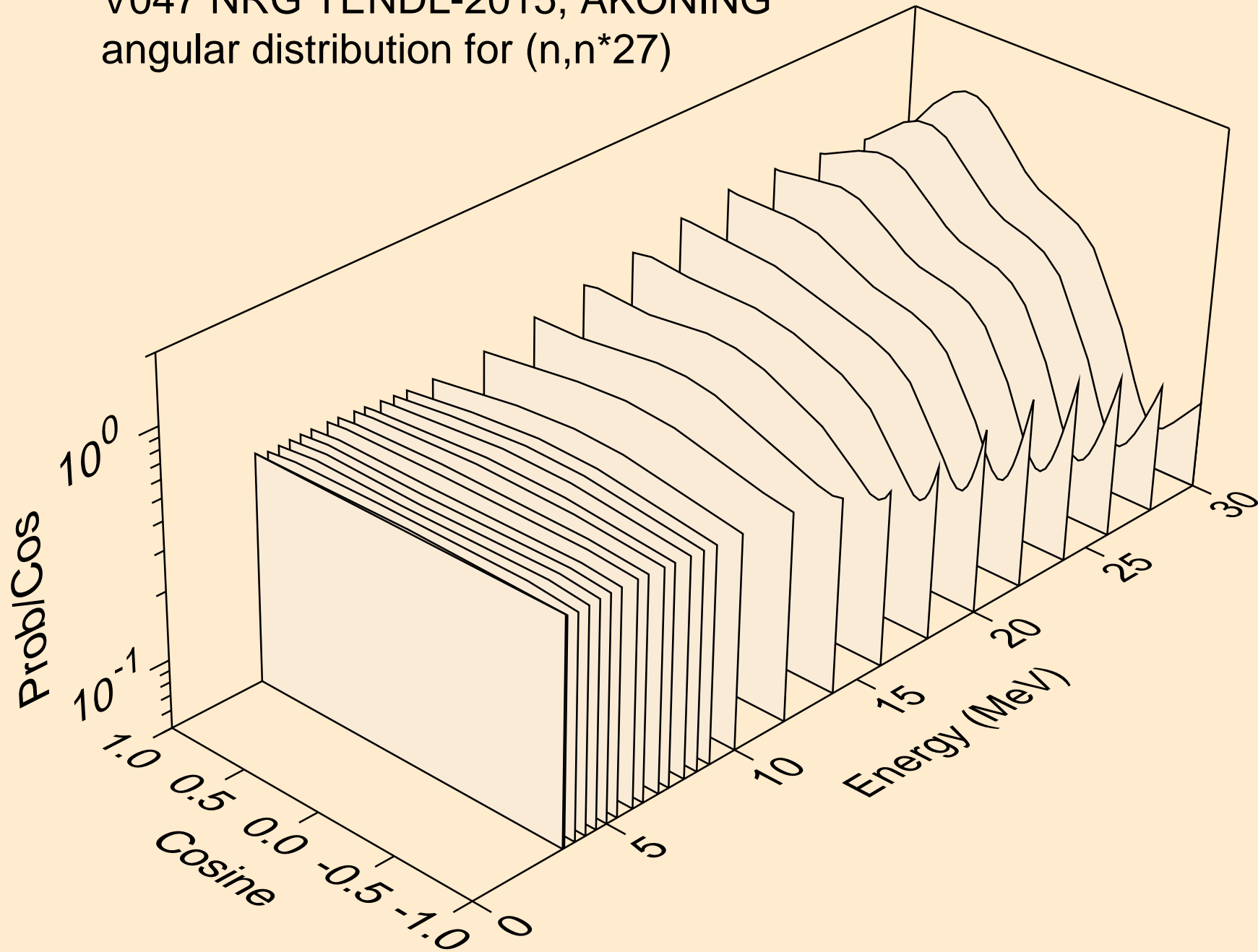
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angular distribution for (n,n\*25)



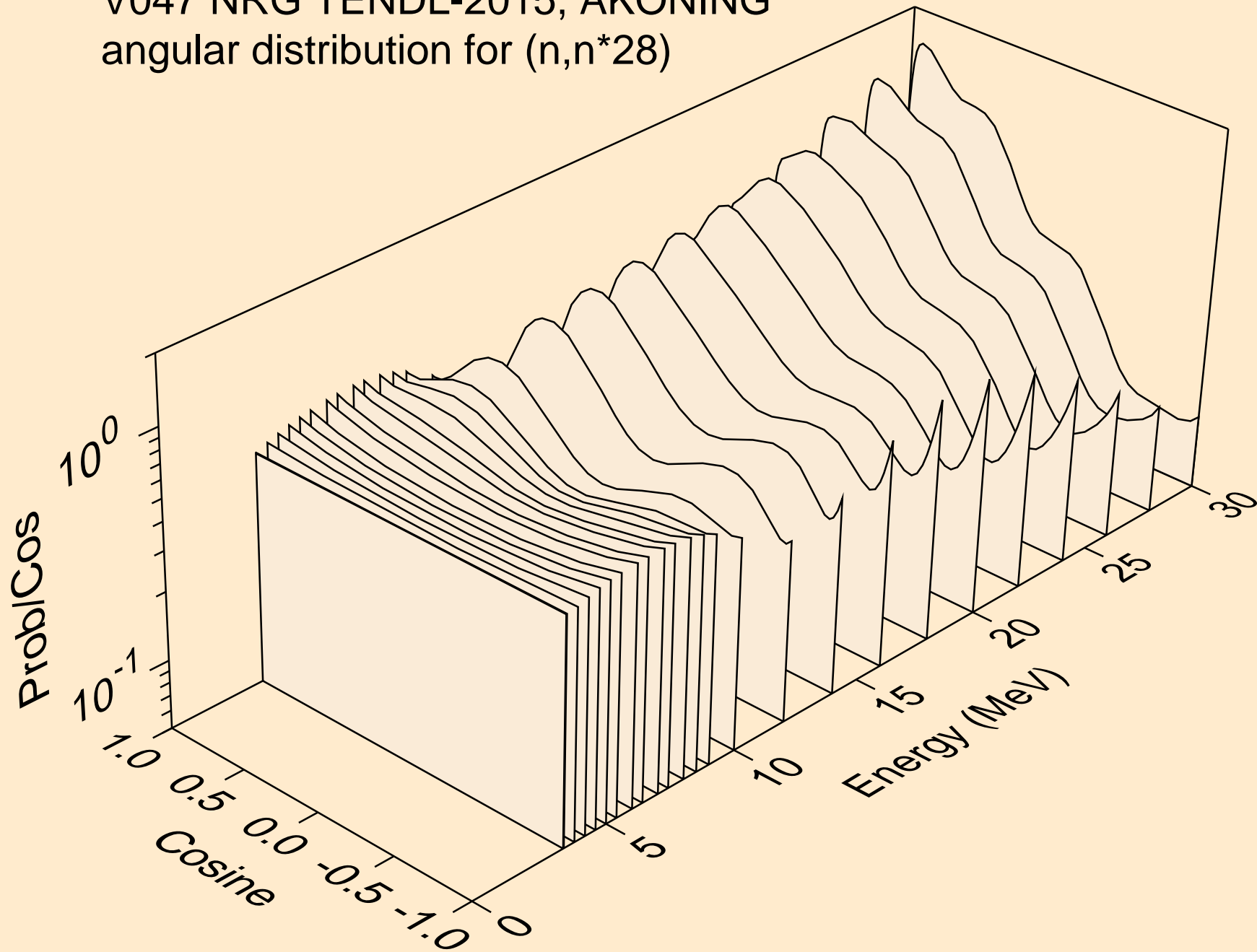
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angular distribution for (n,n\*26)



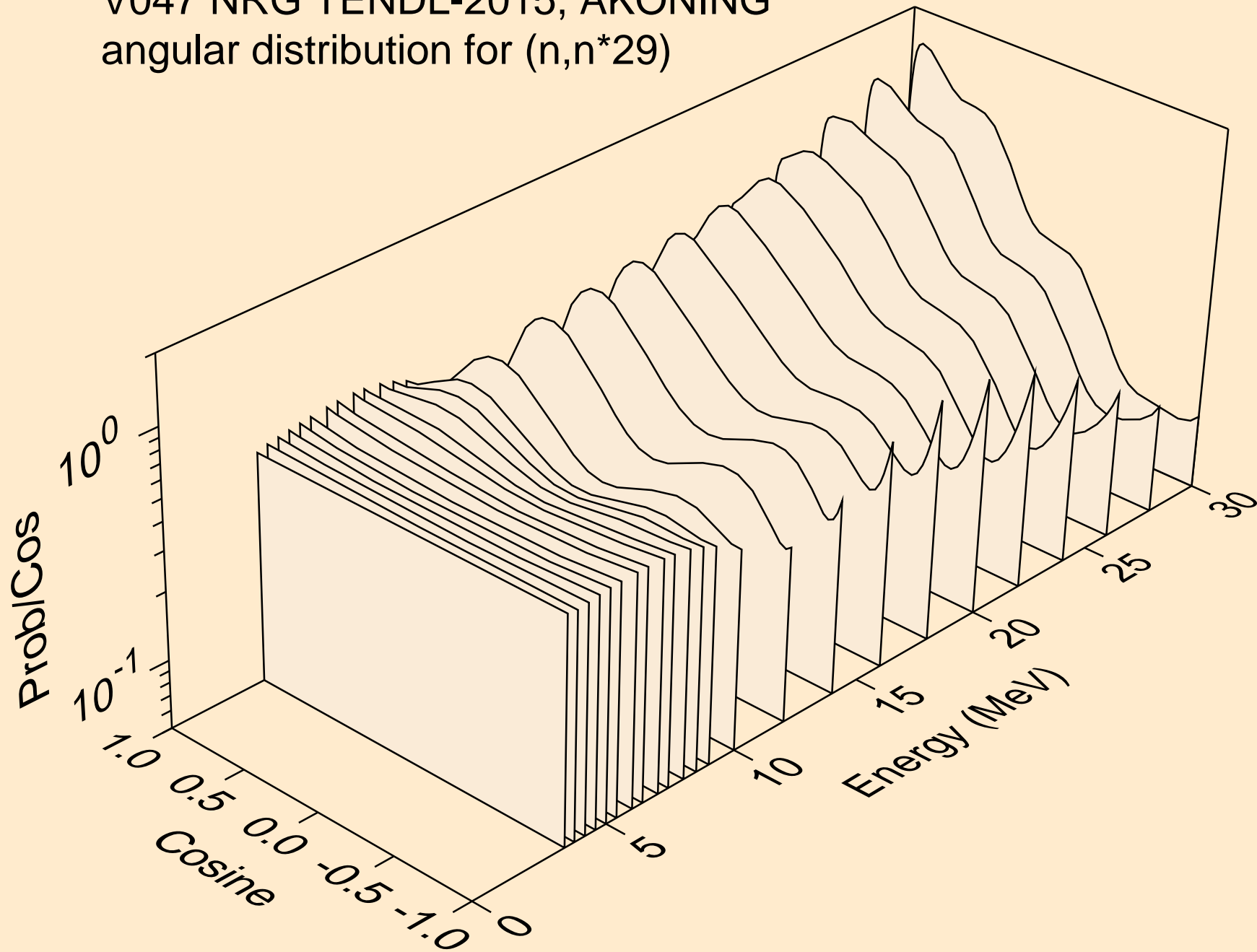
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angular distribution for (n,n\*27)



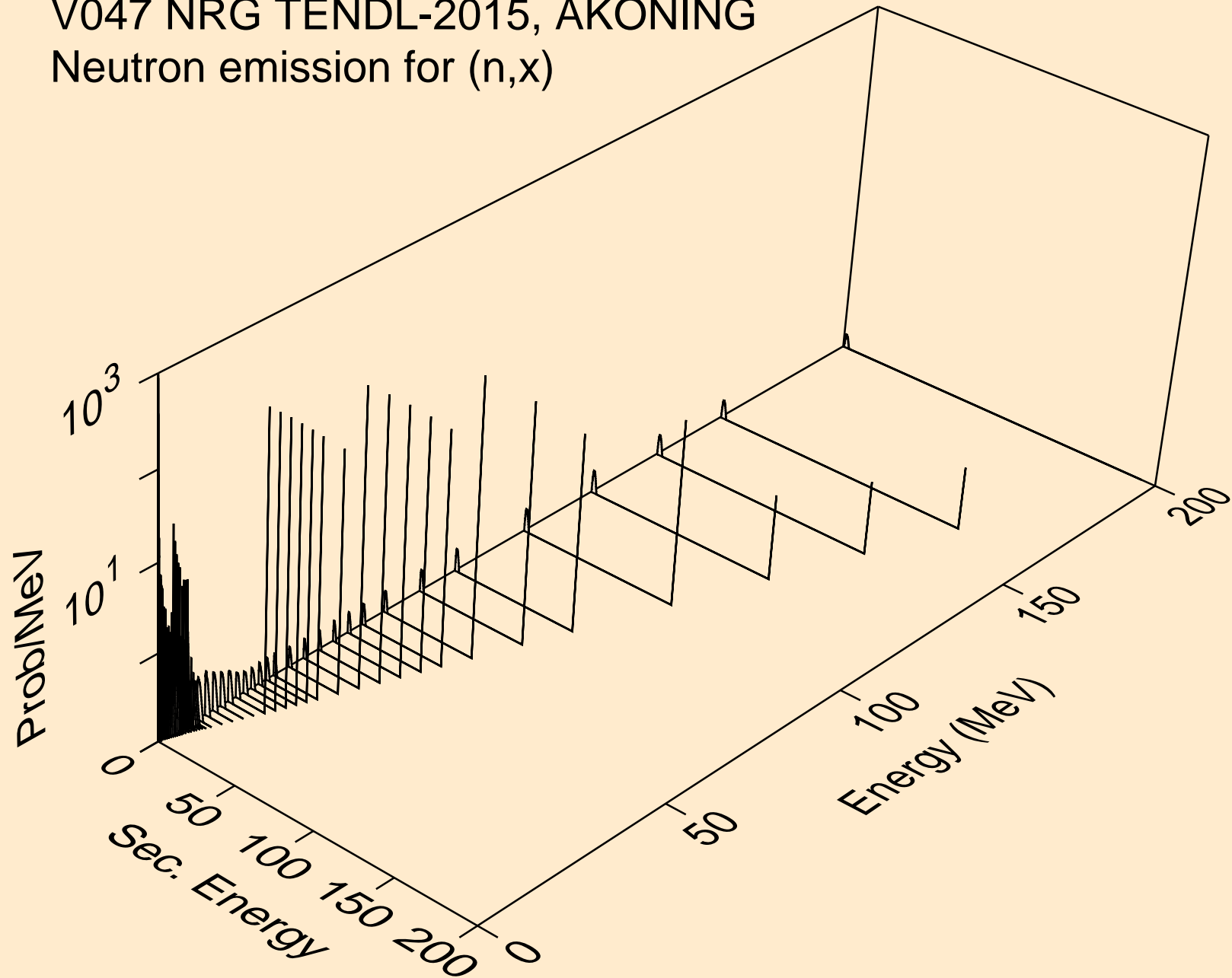
V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



V047 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

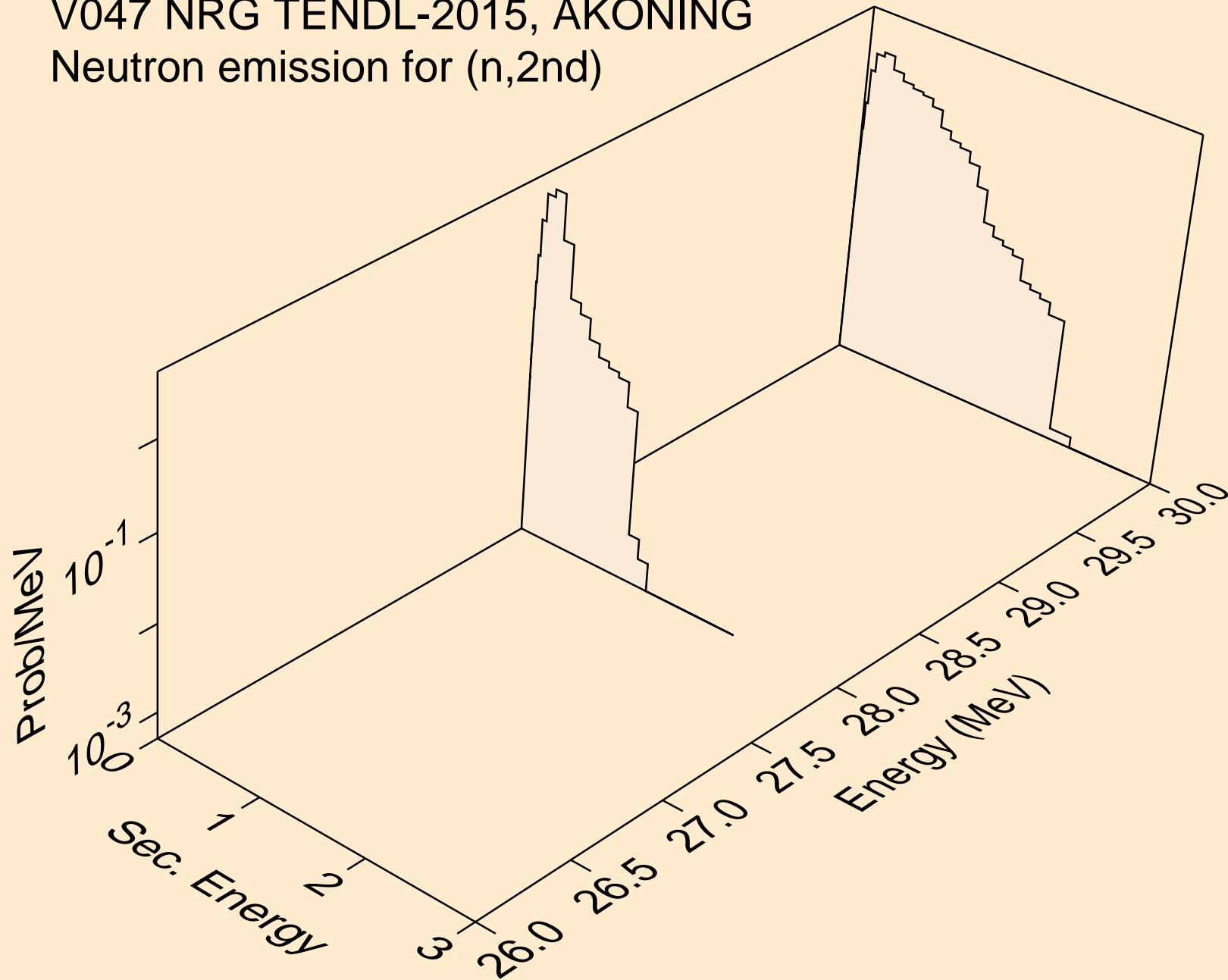


V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

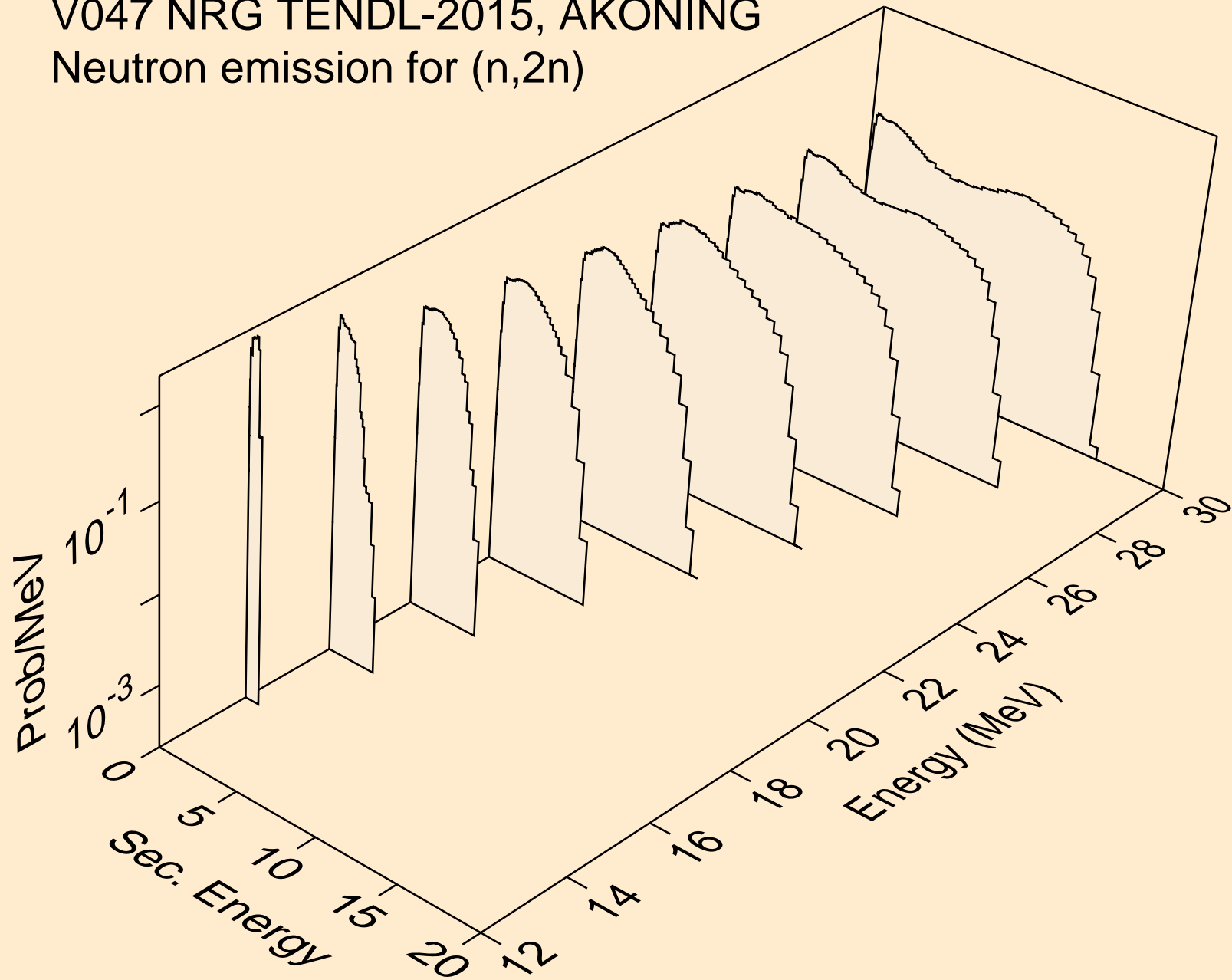




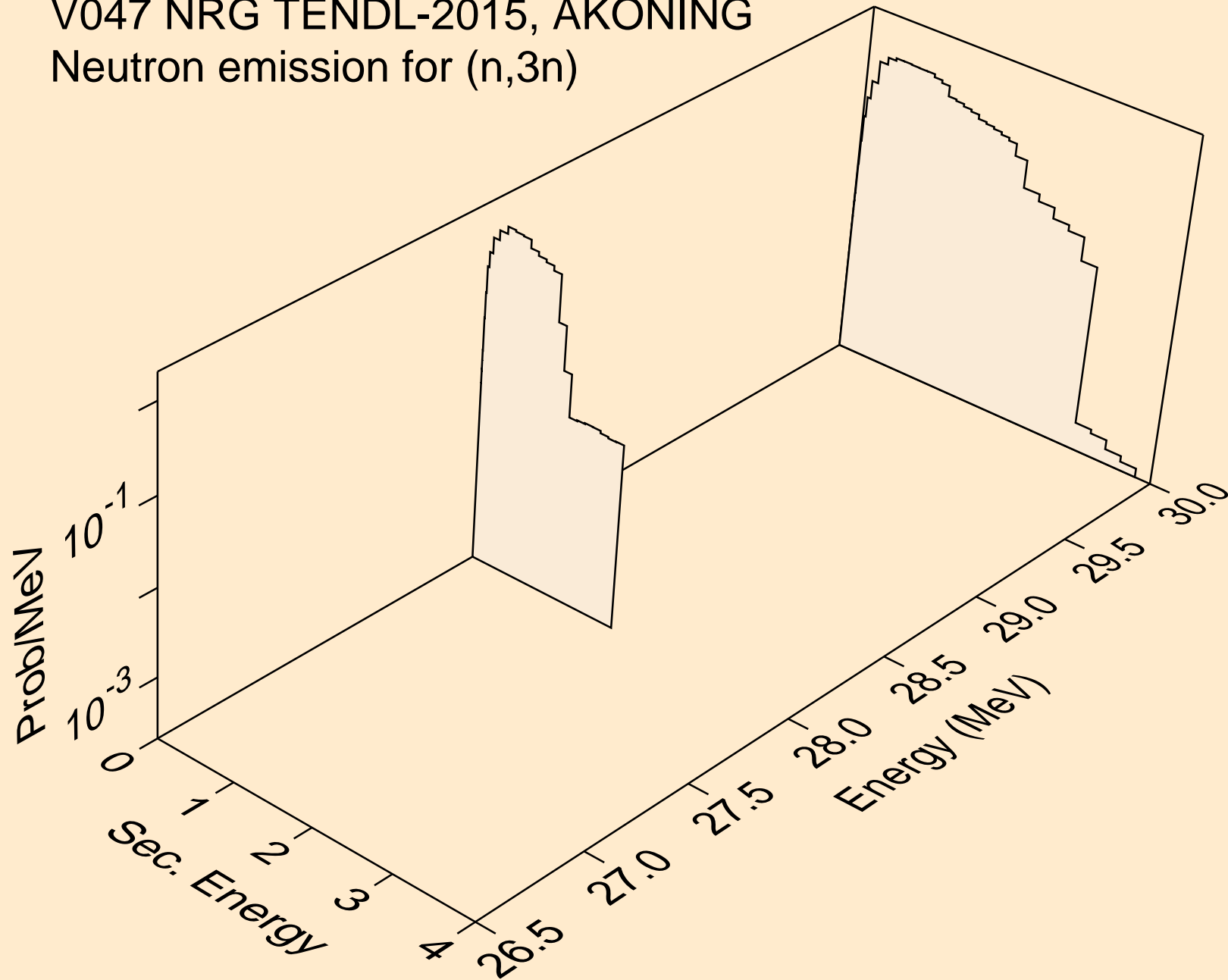
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



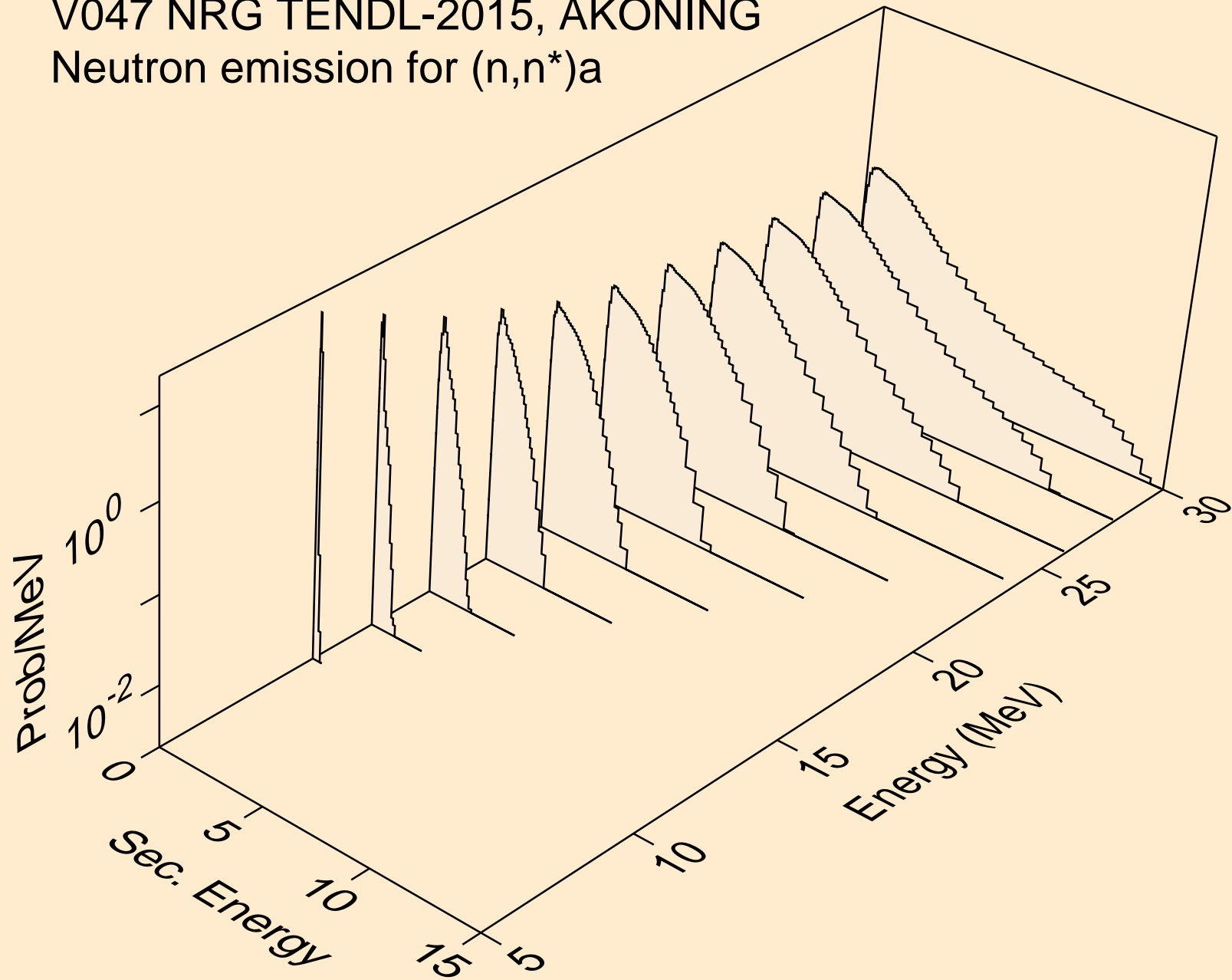
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Neutron emission for (n,2n)



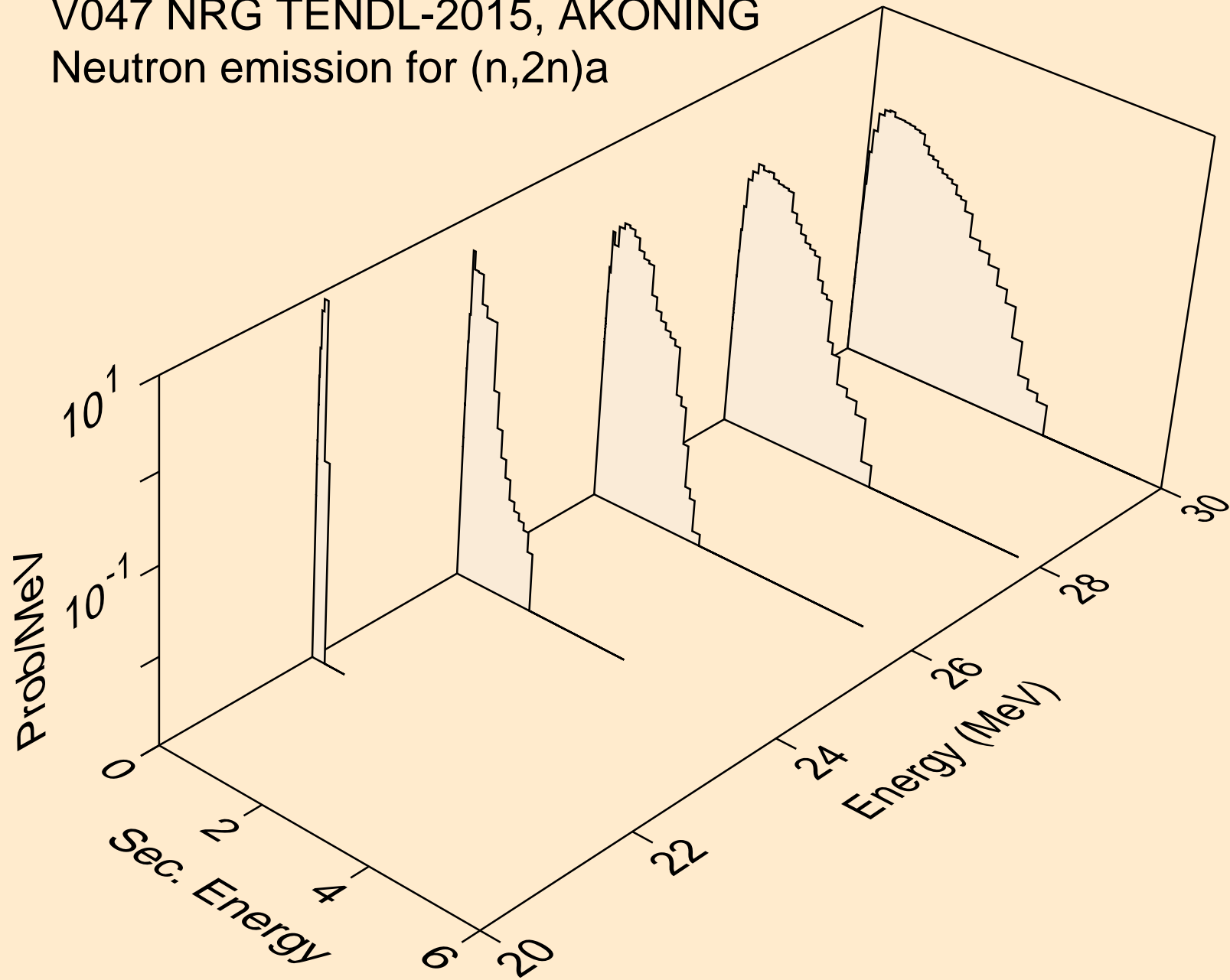
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



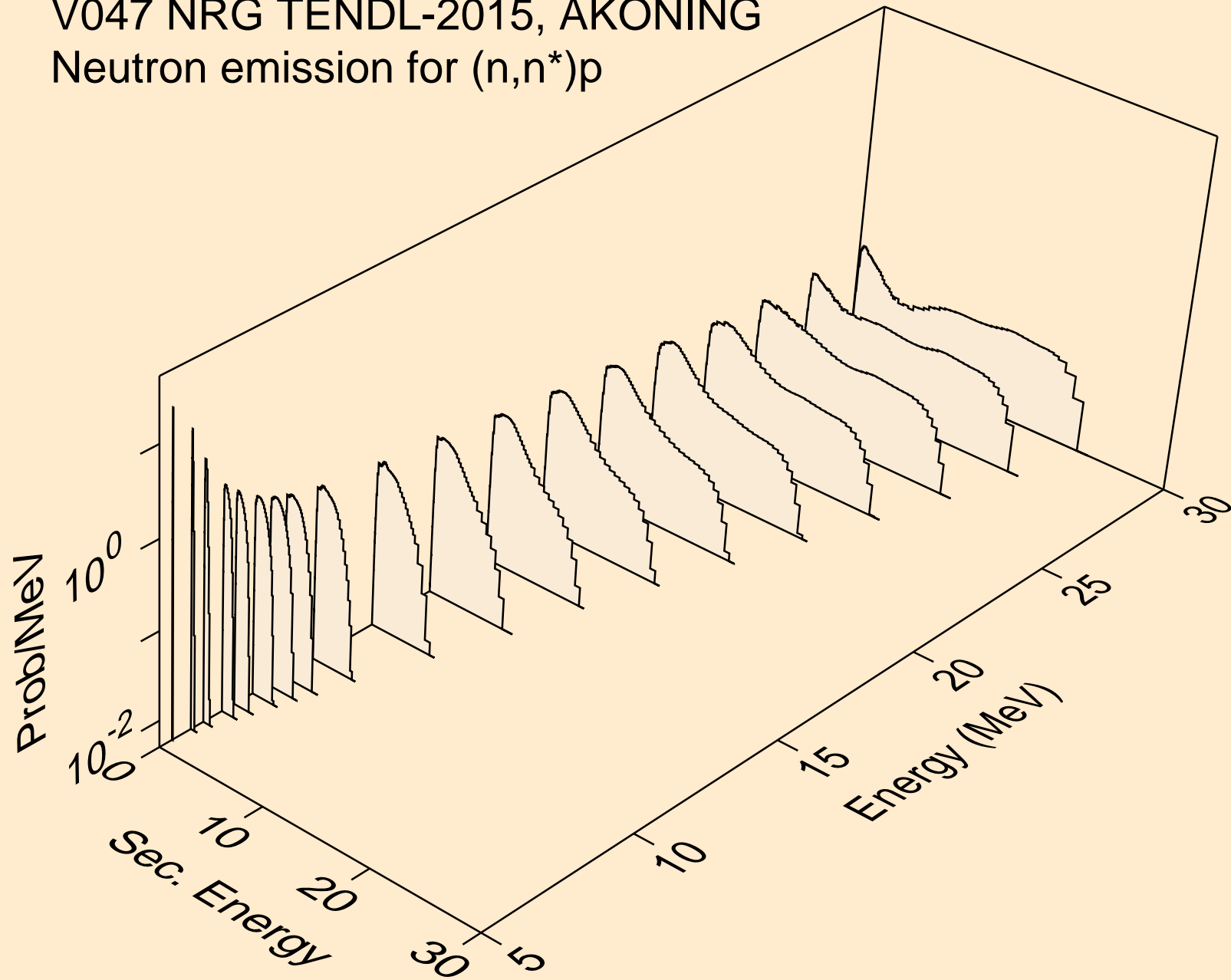
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



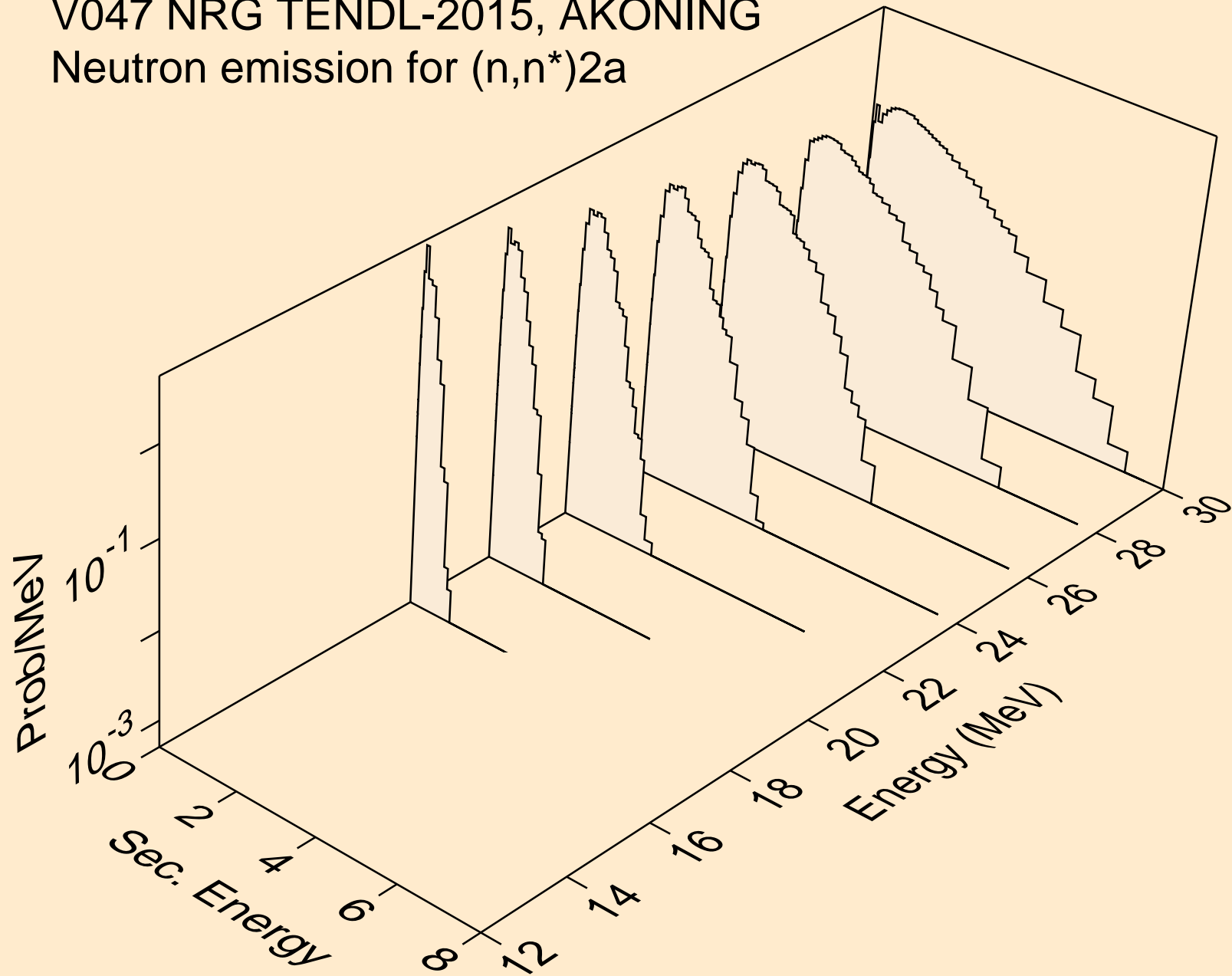
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



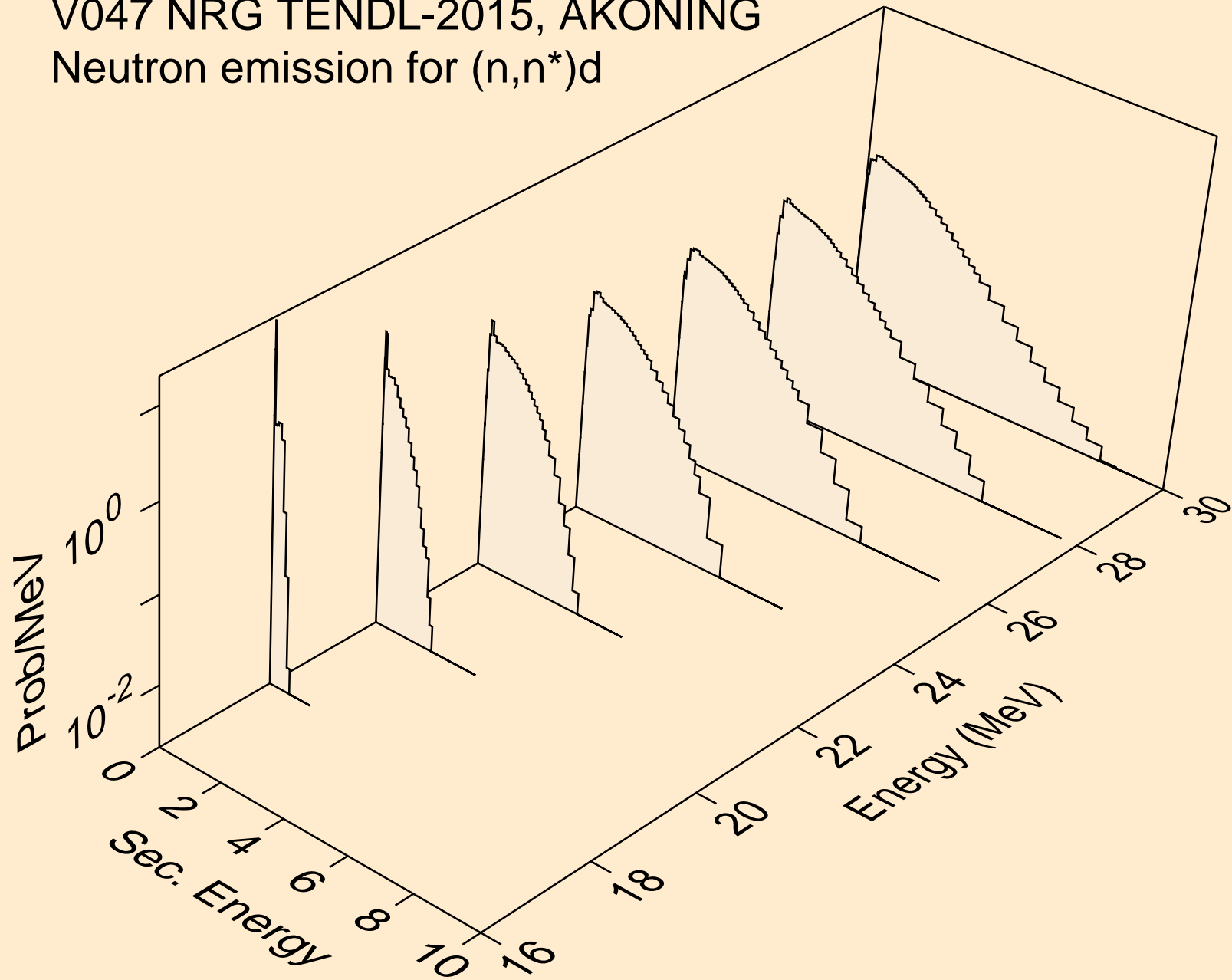
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

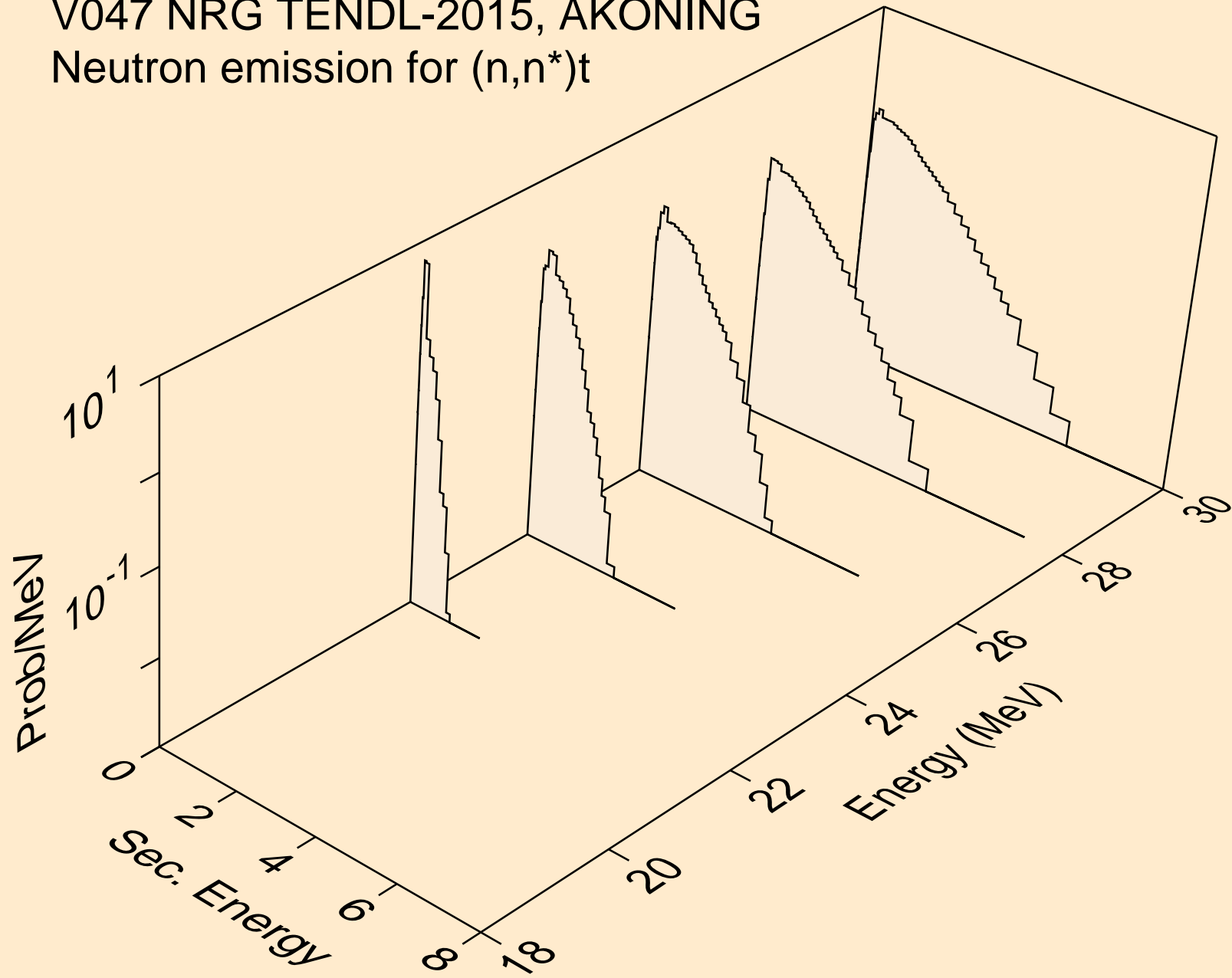


V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

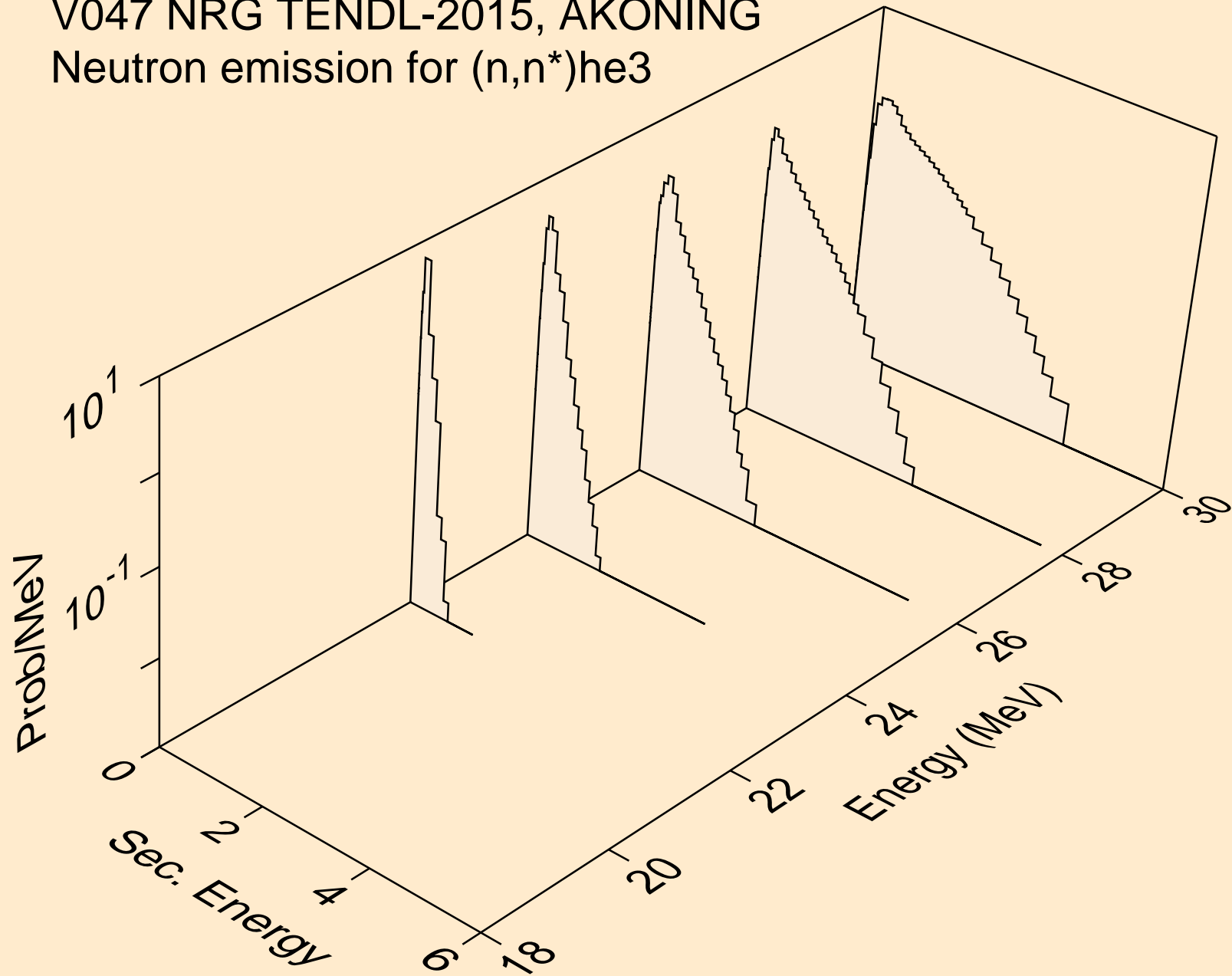




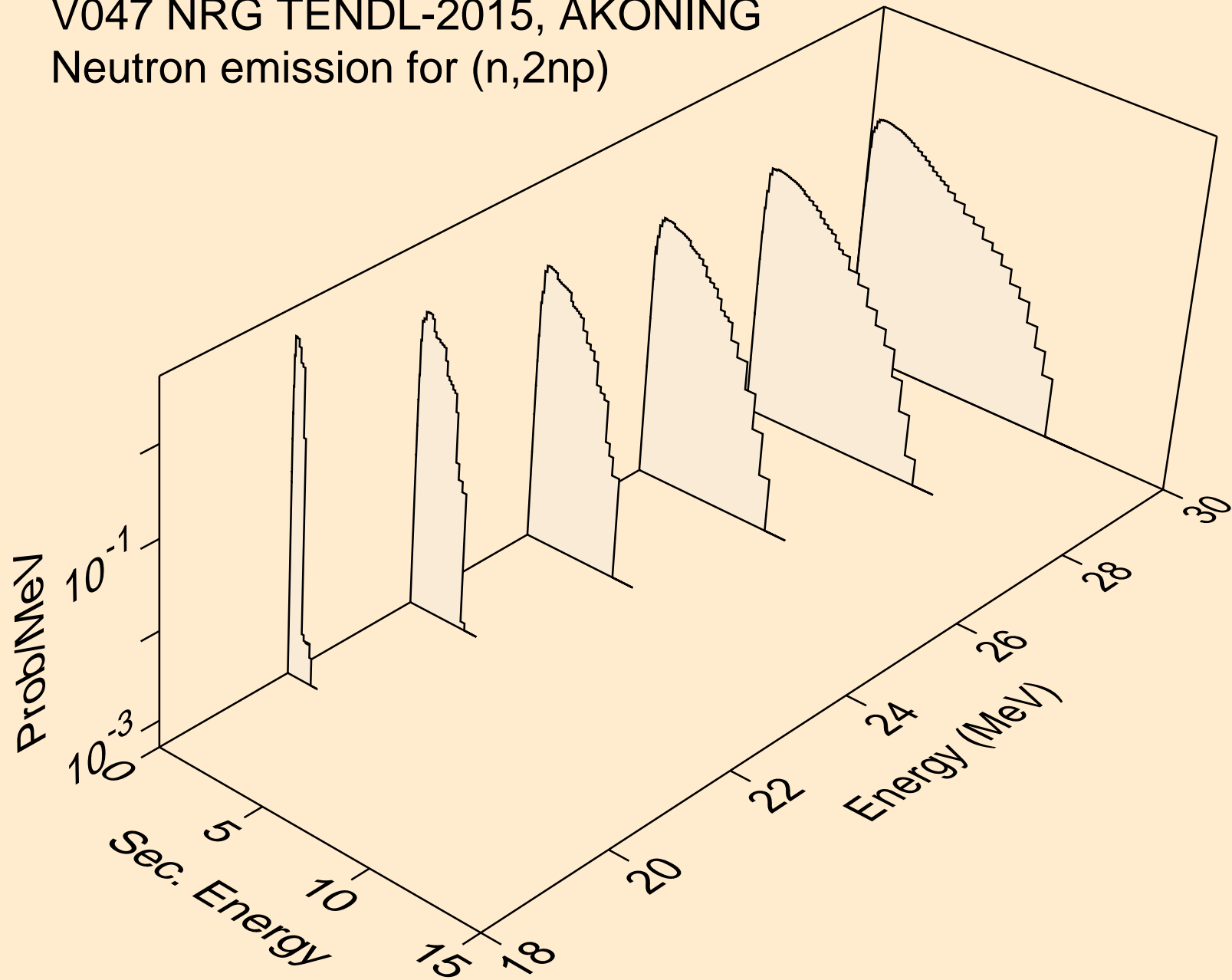
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Neutron emission for (n,n\*)t



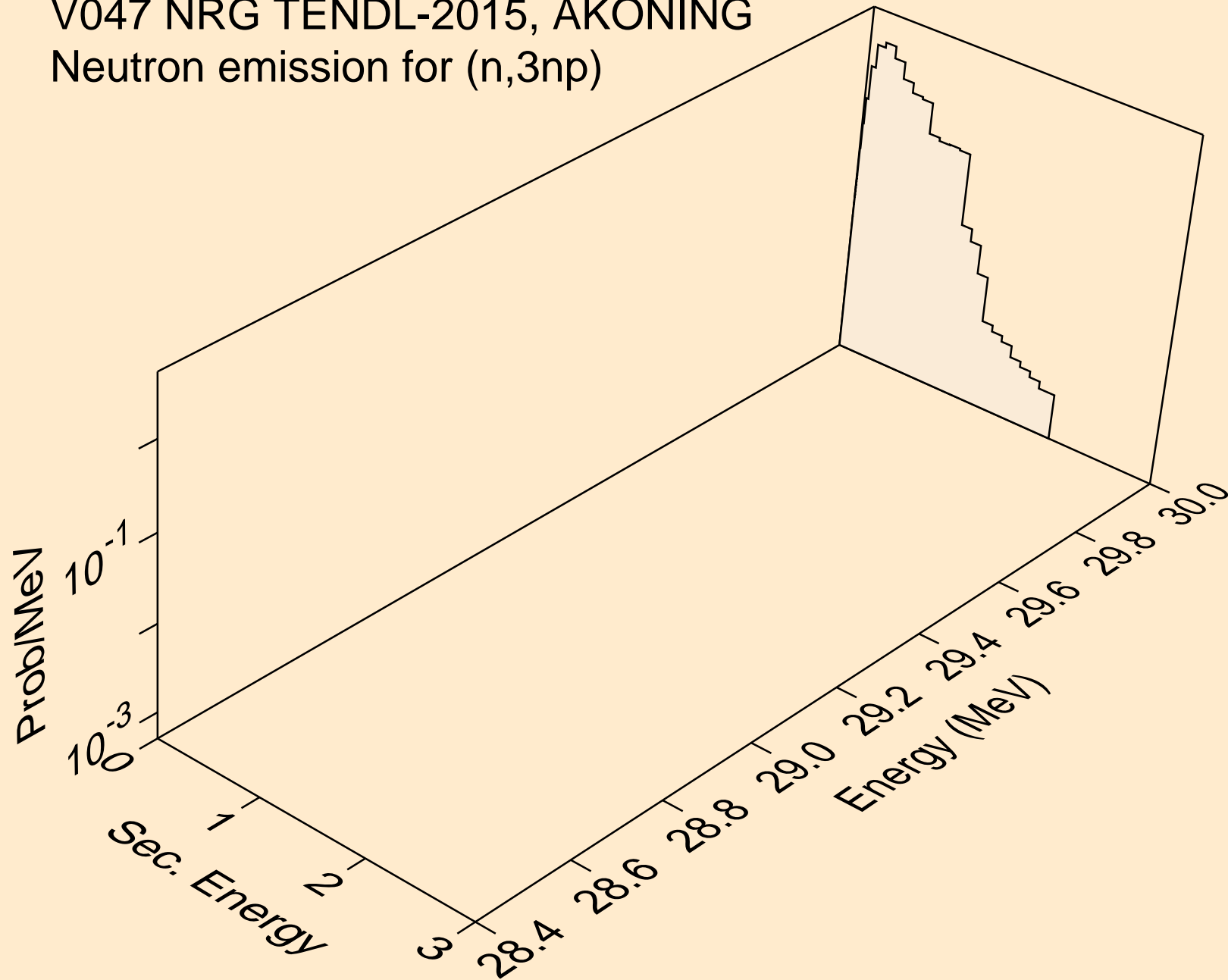
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



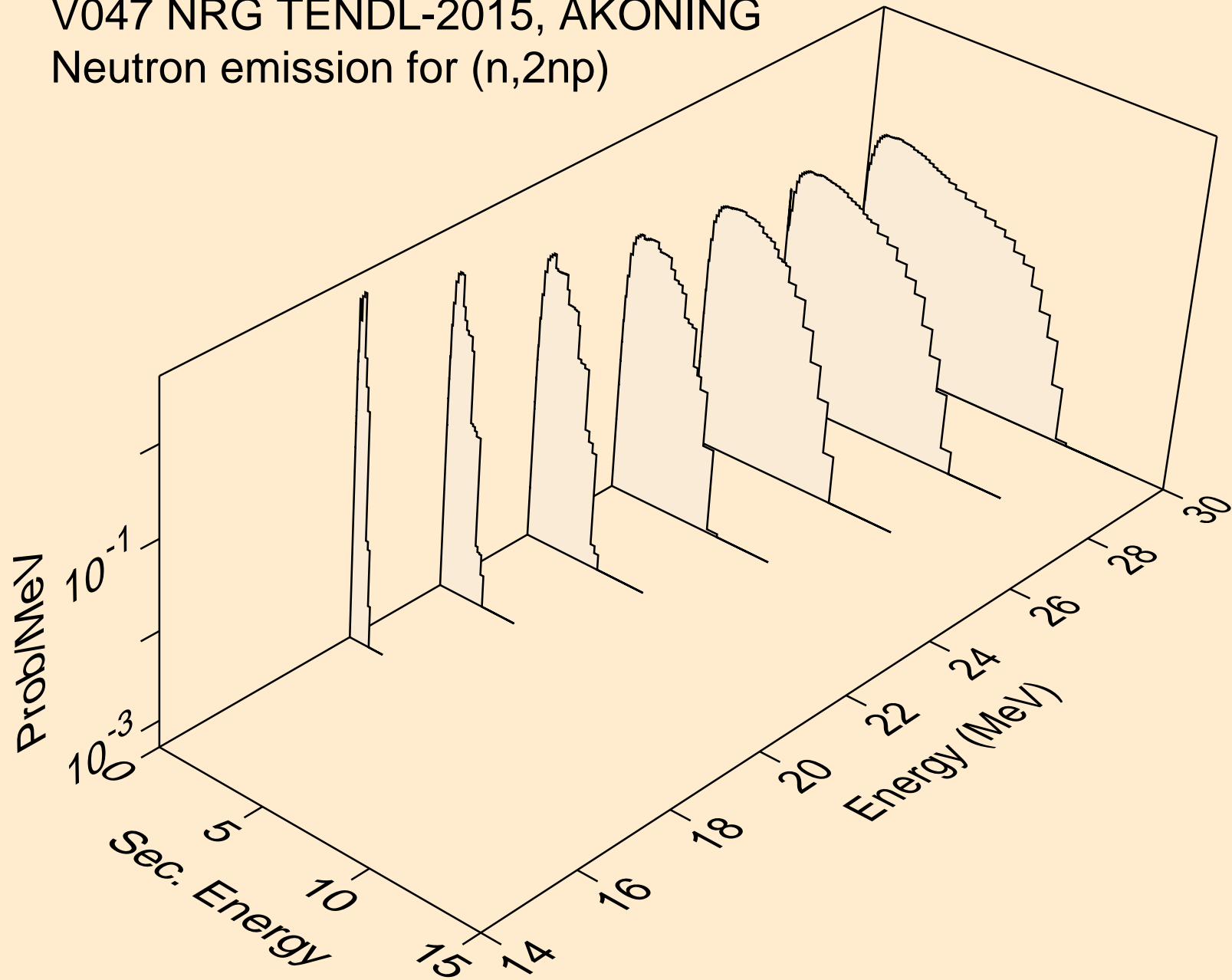
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



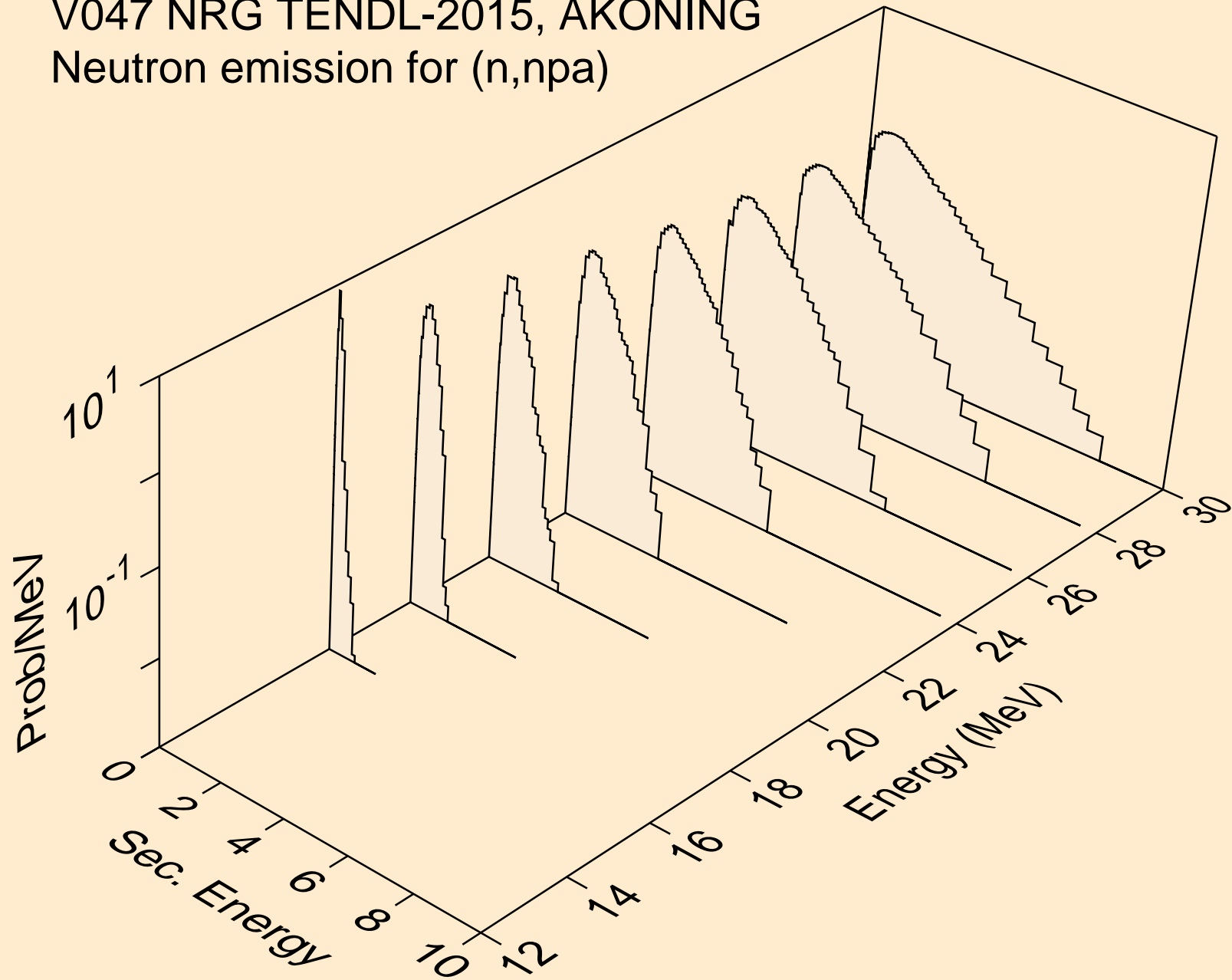
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



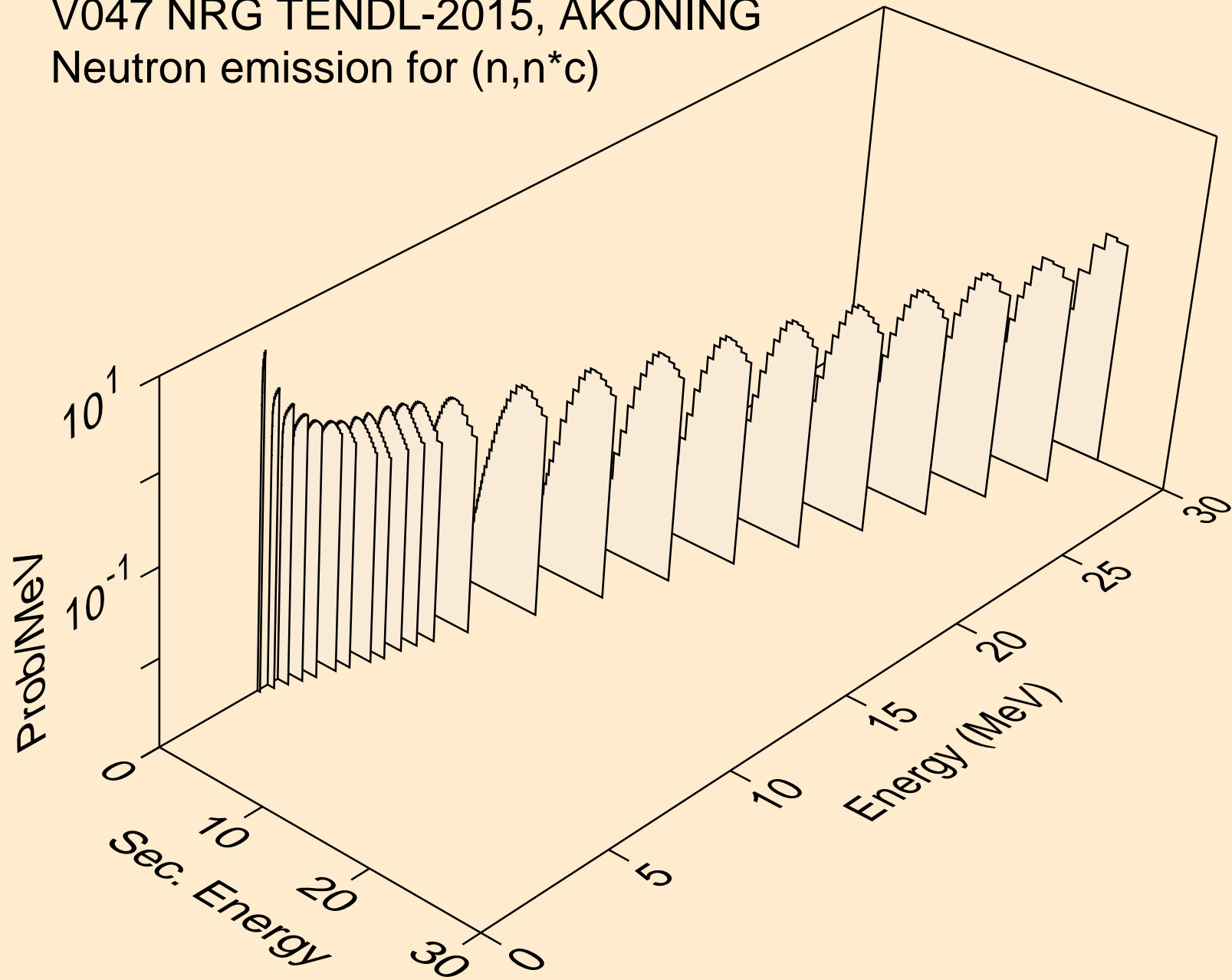
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



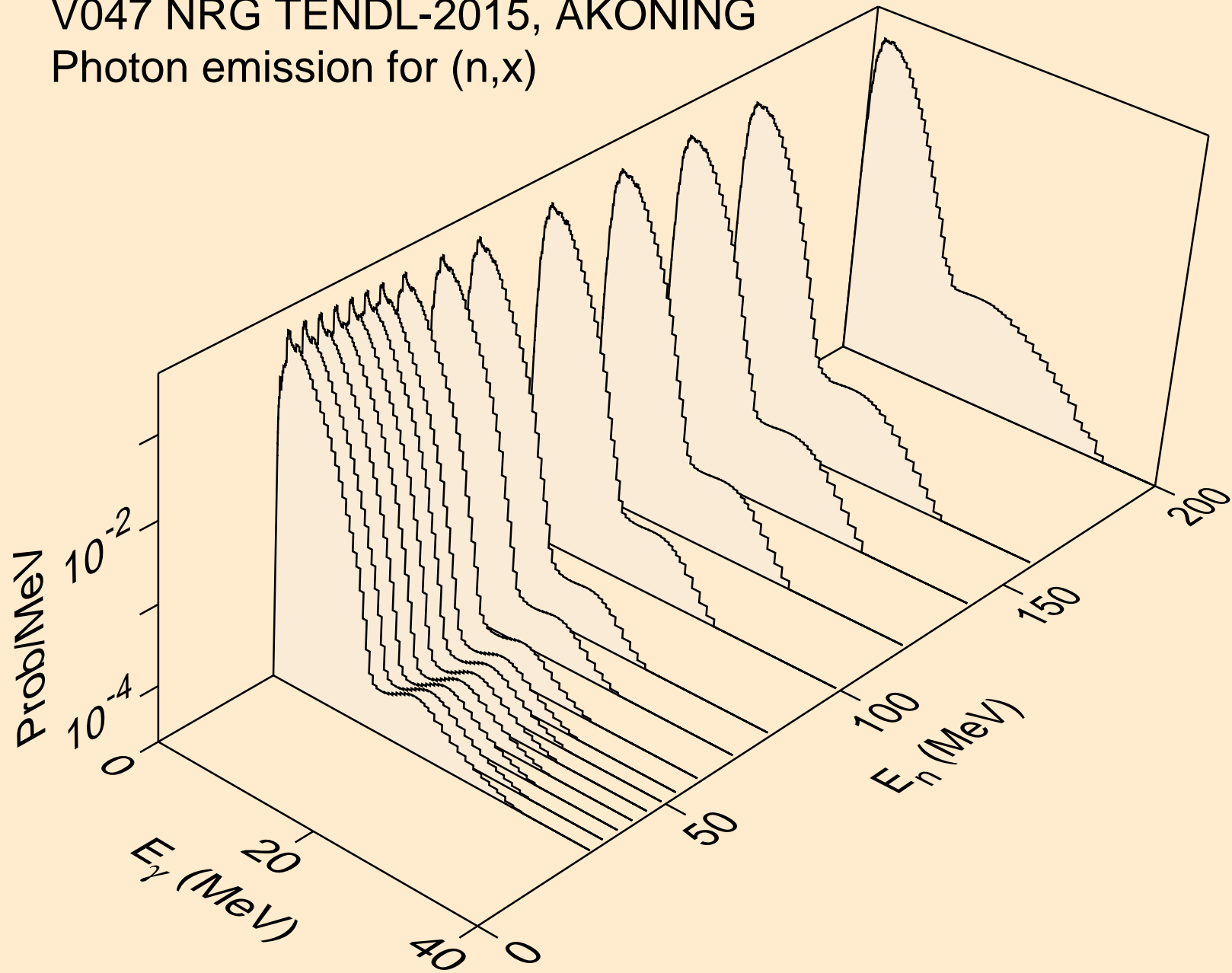
V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



V047 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

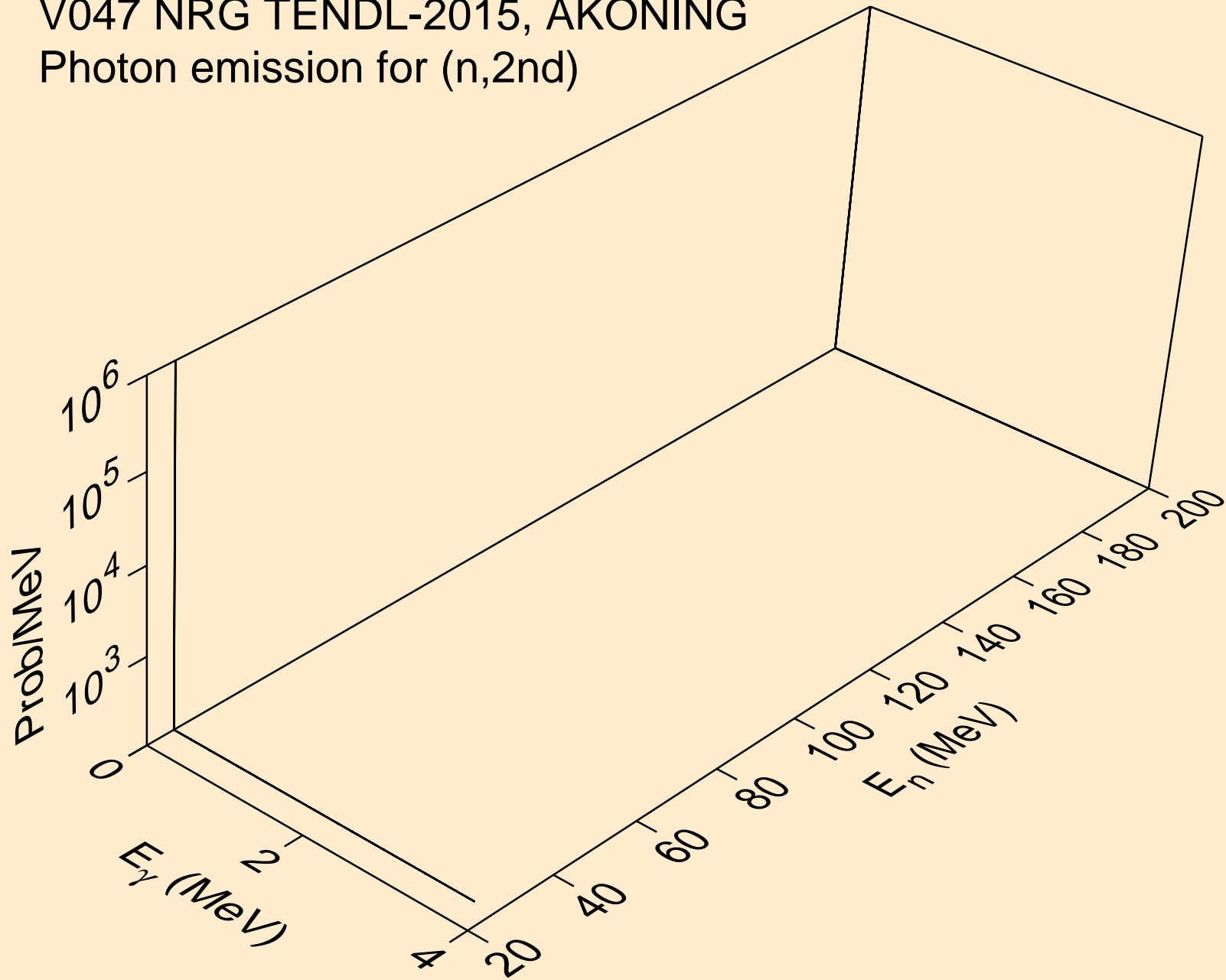


V047 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

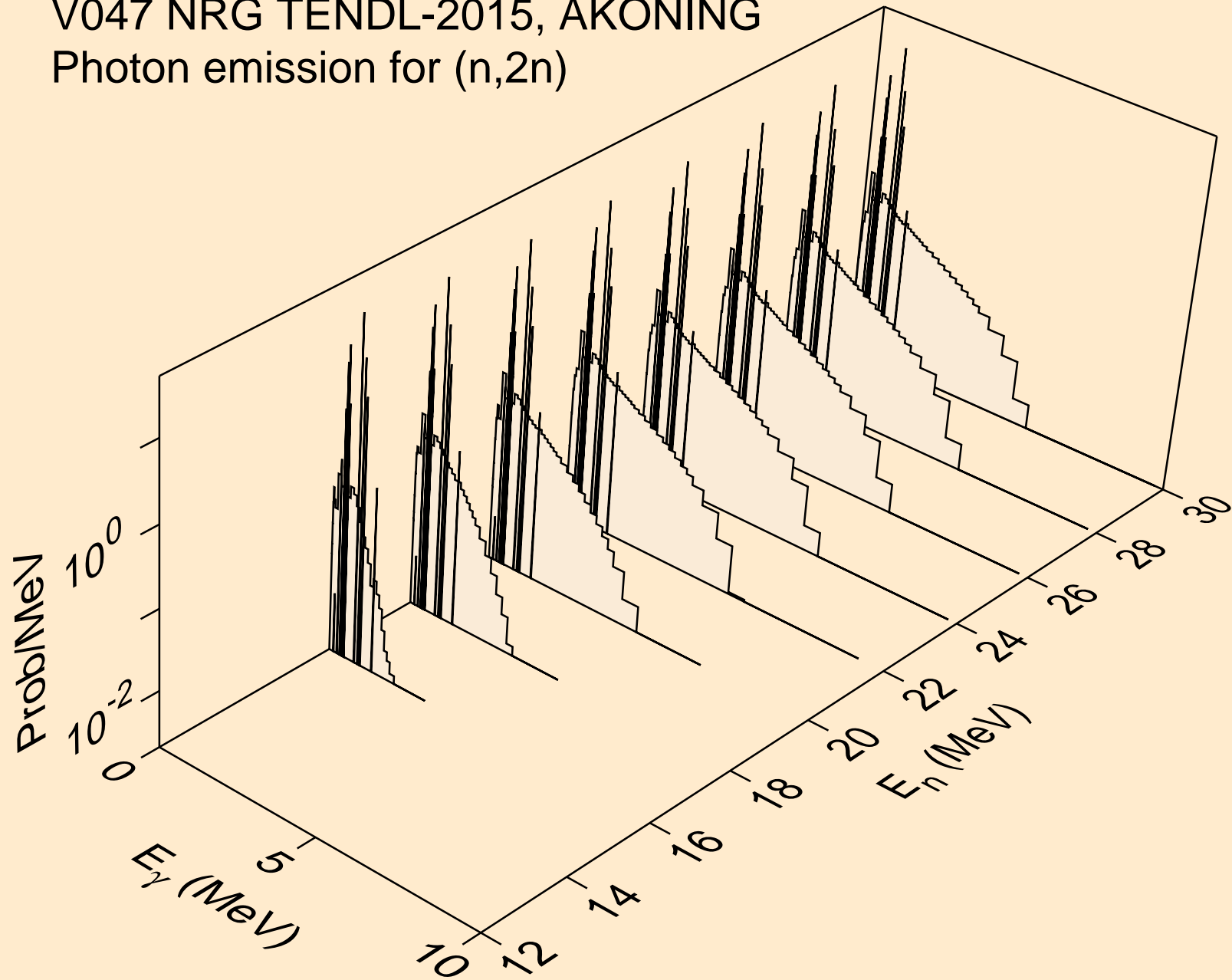




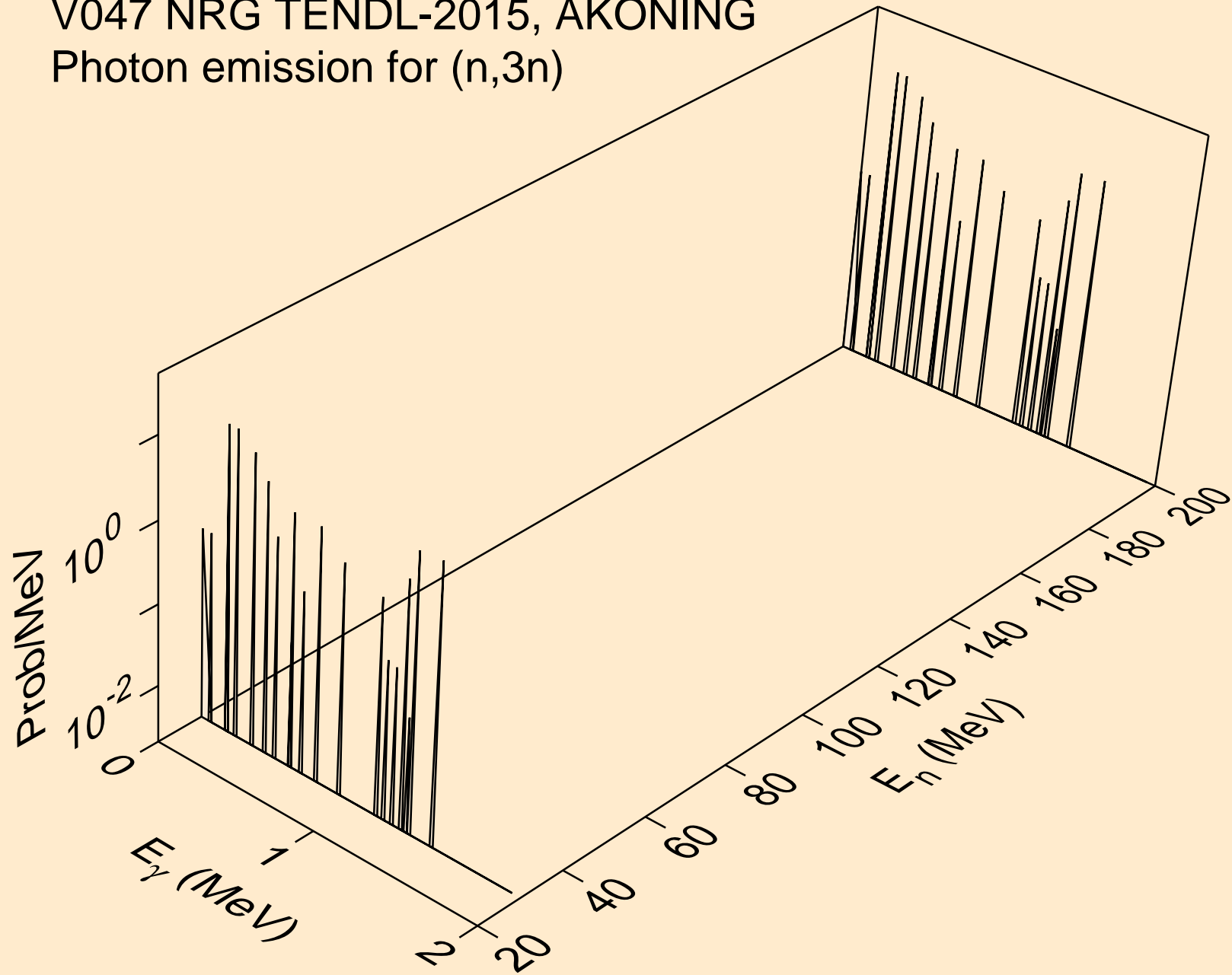
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



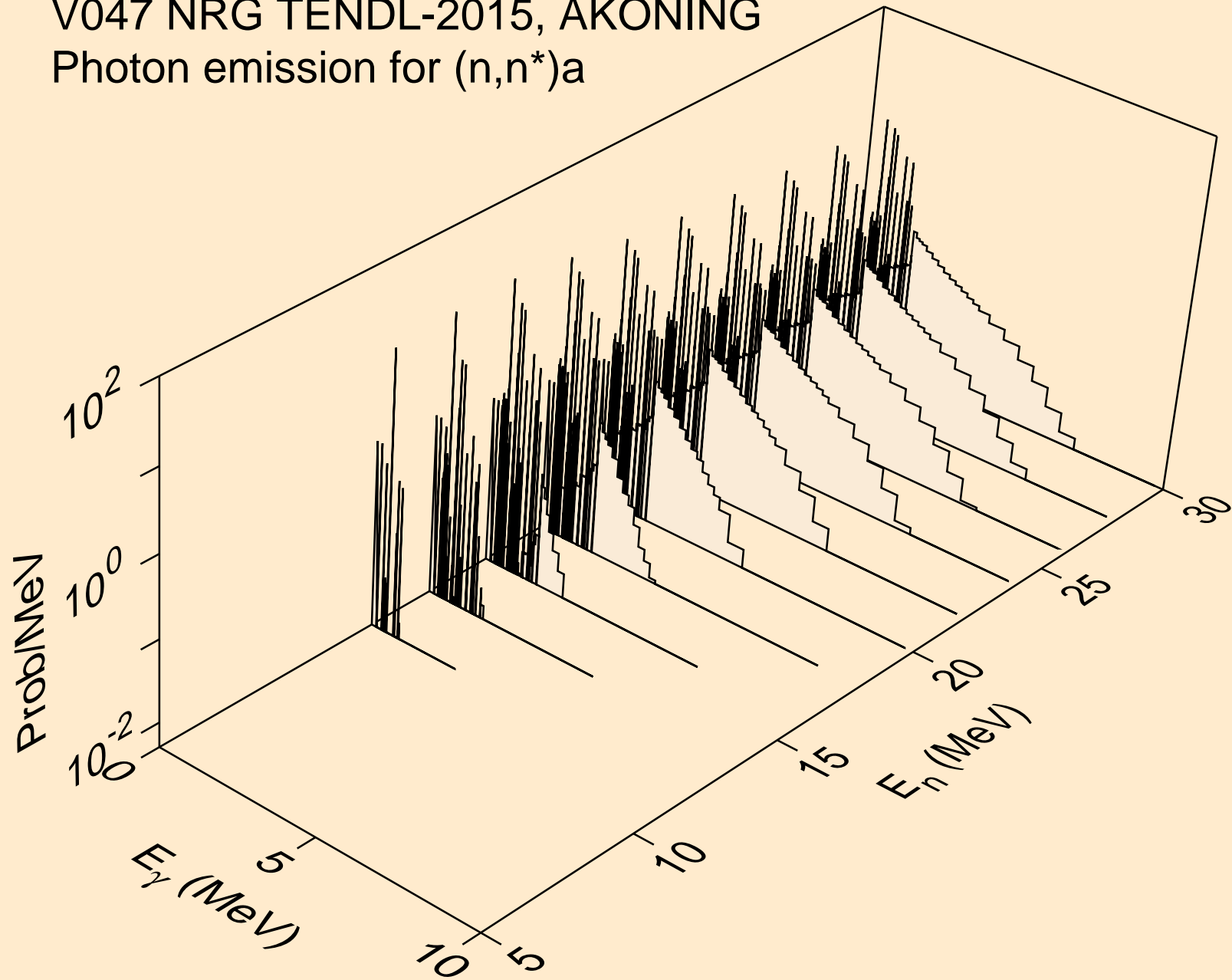
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



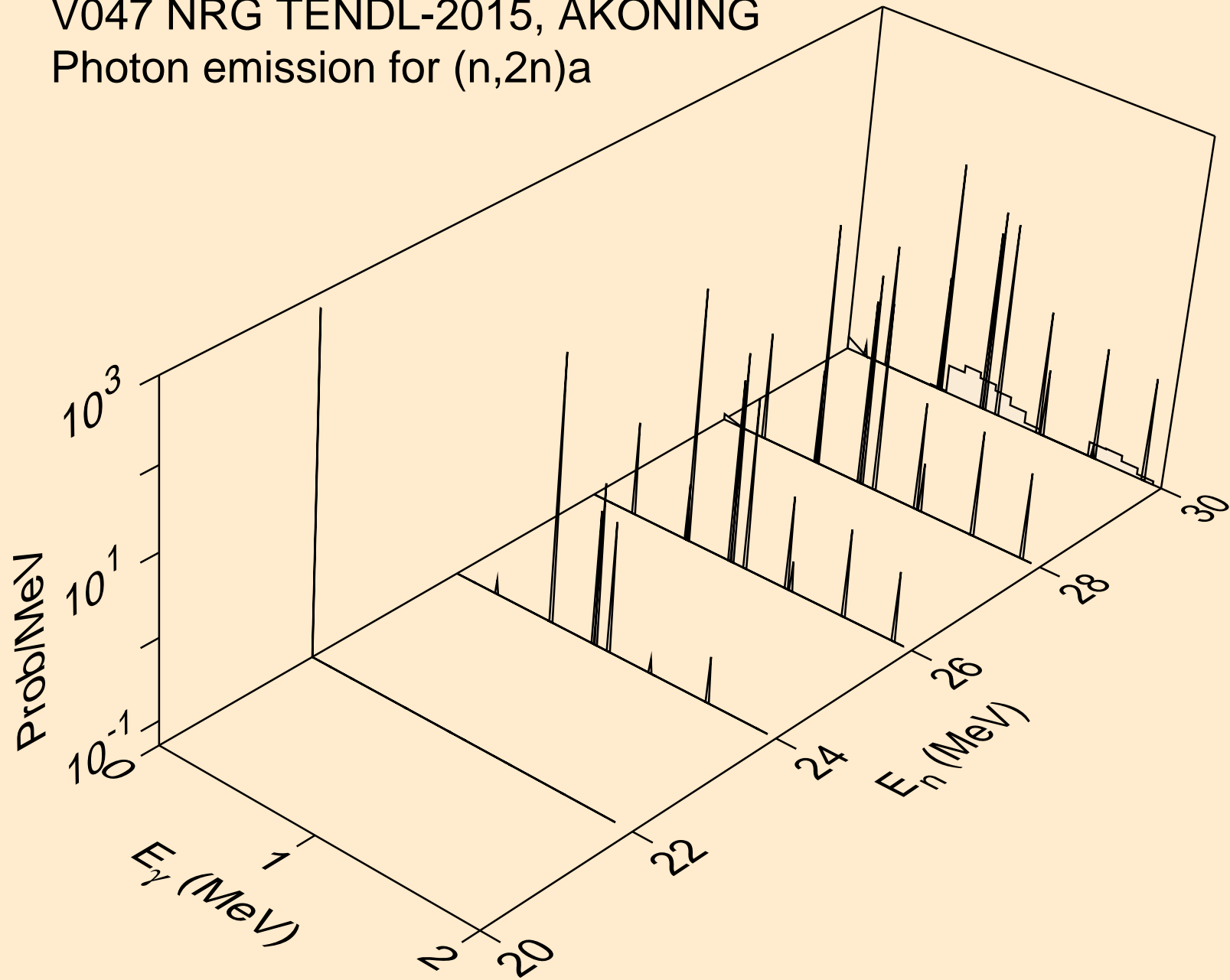
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



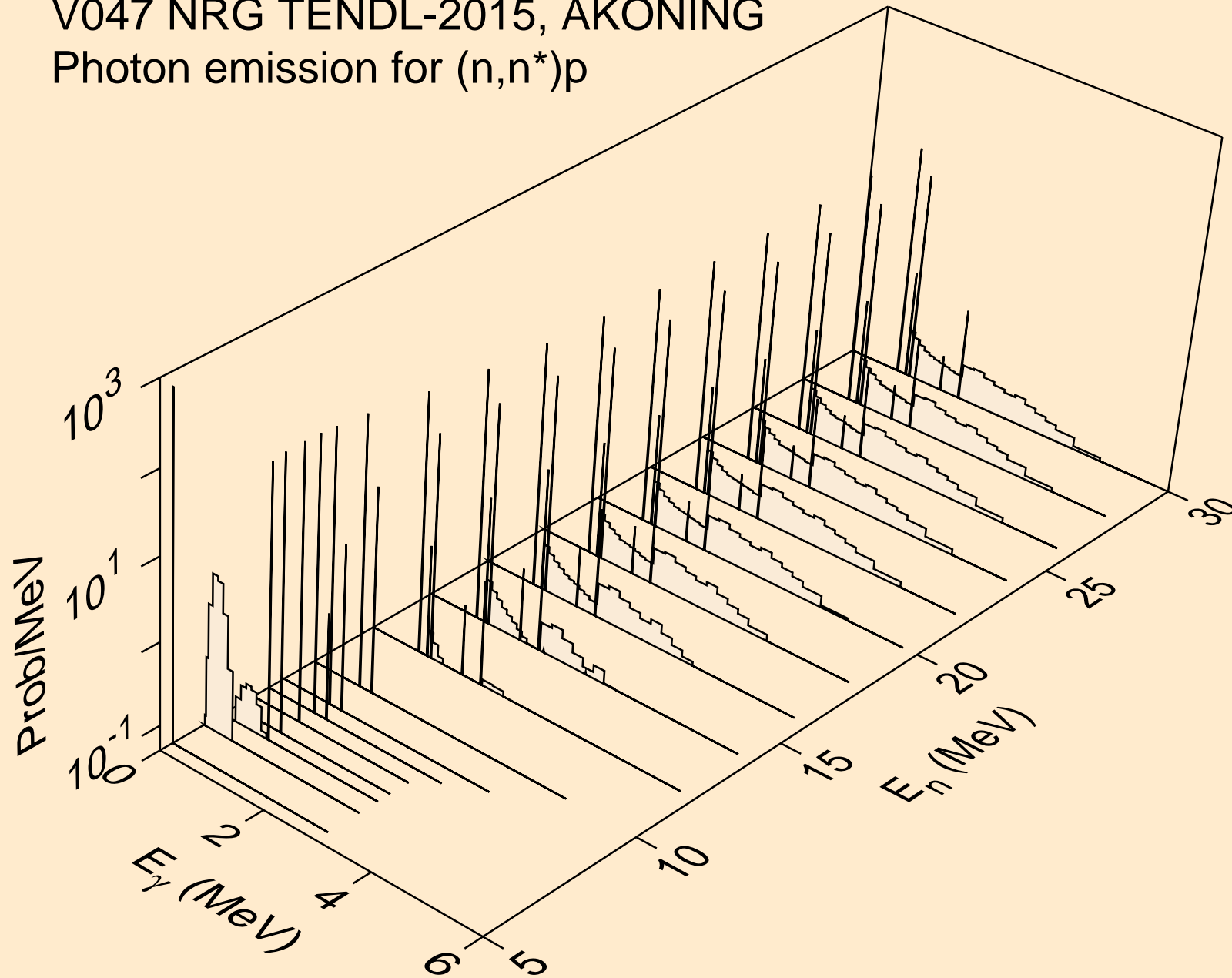
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



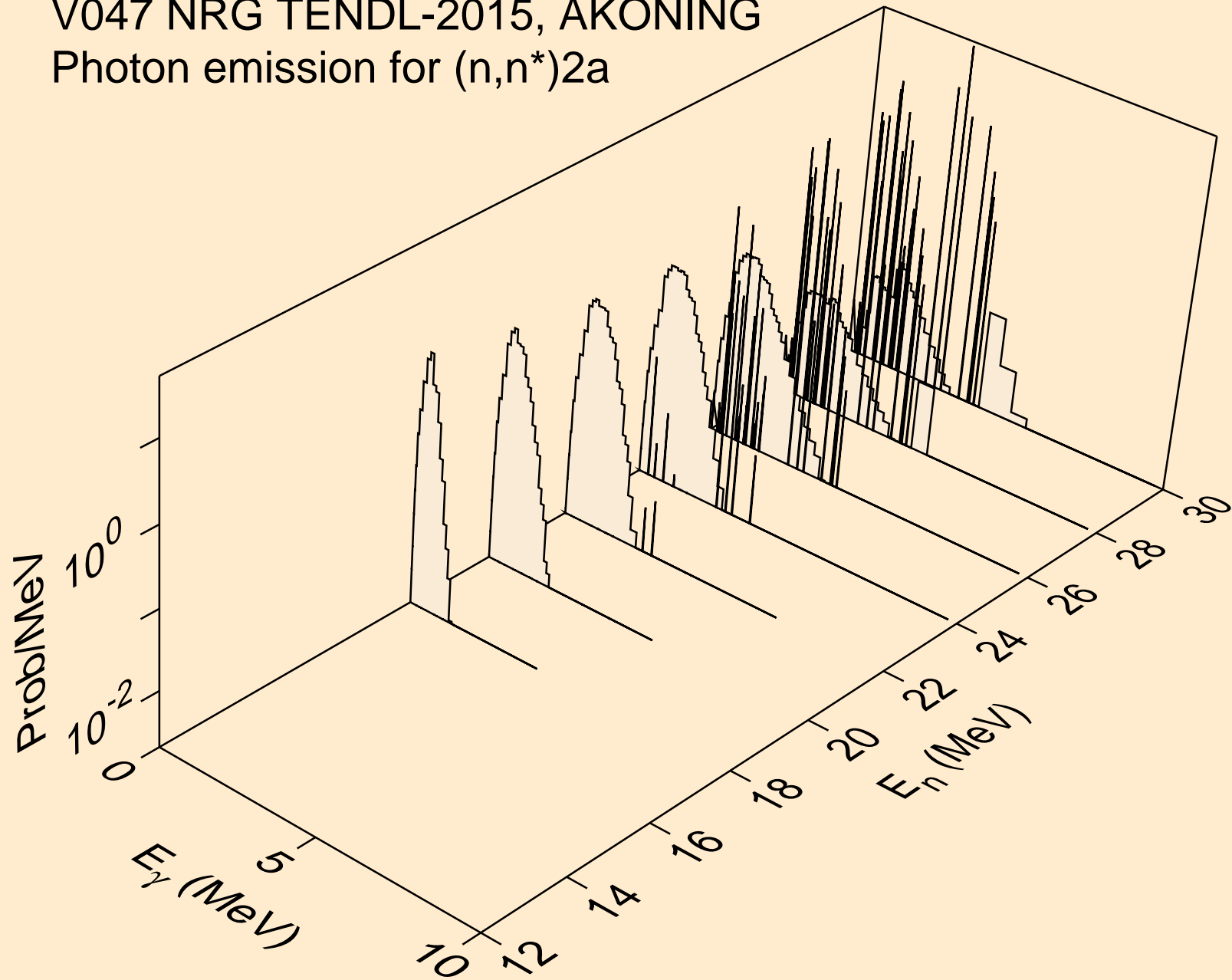
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



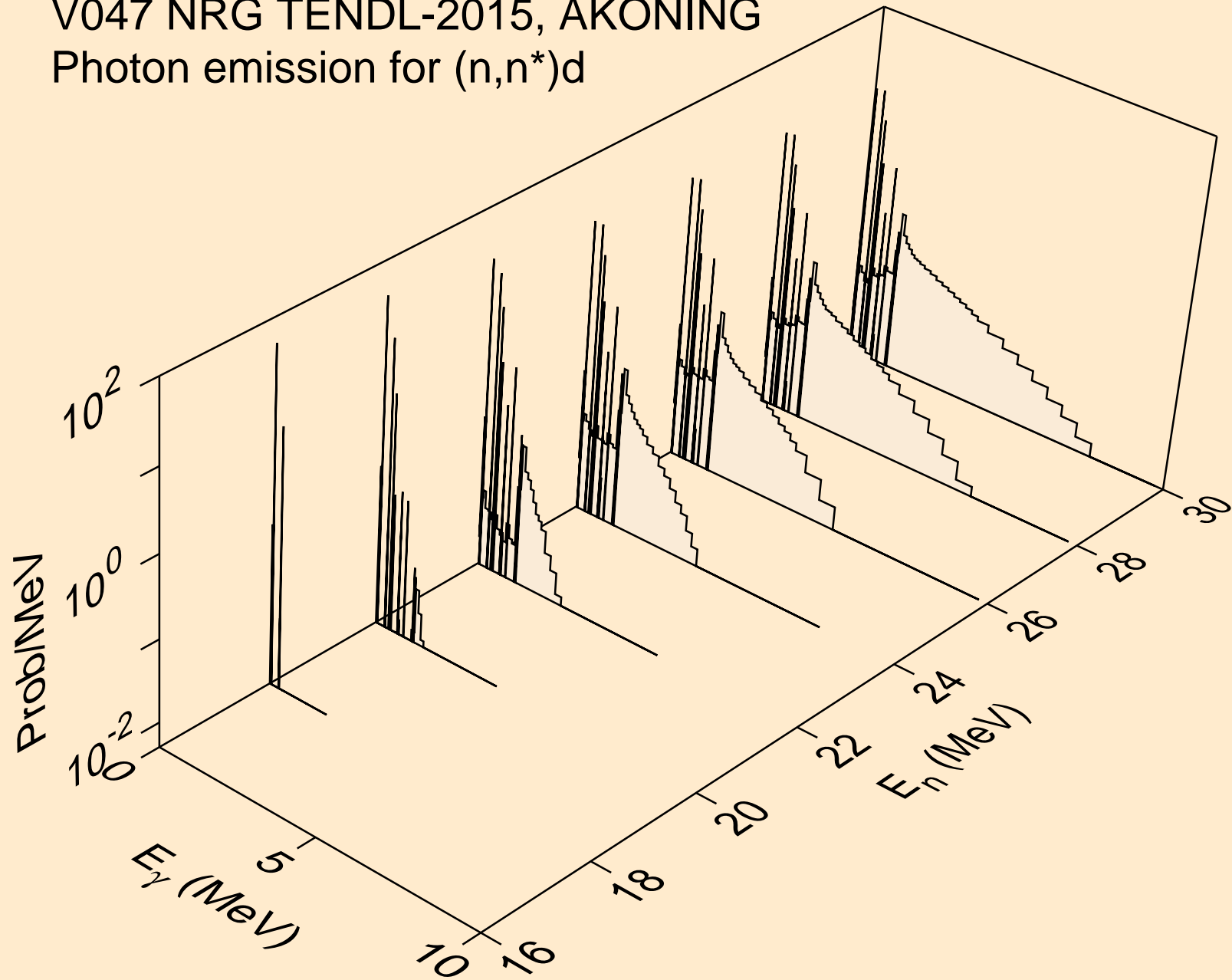
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



V047 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

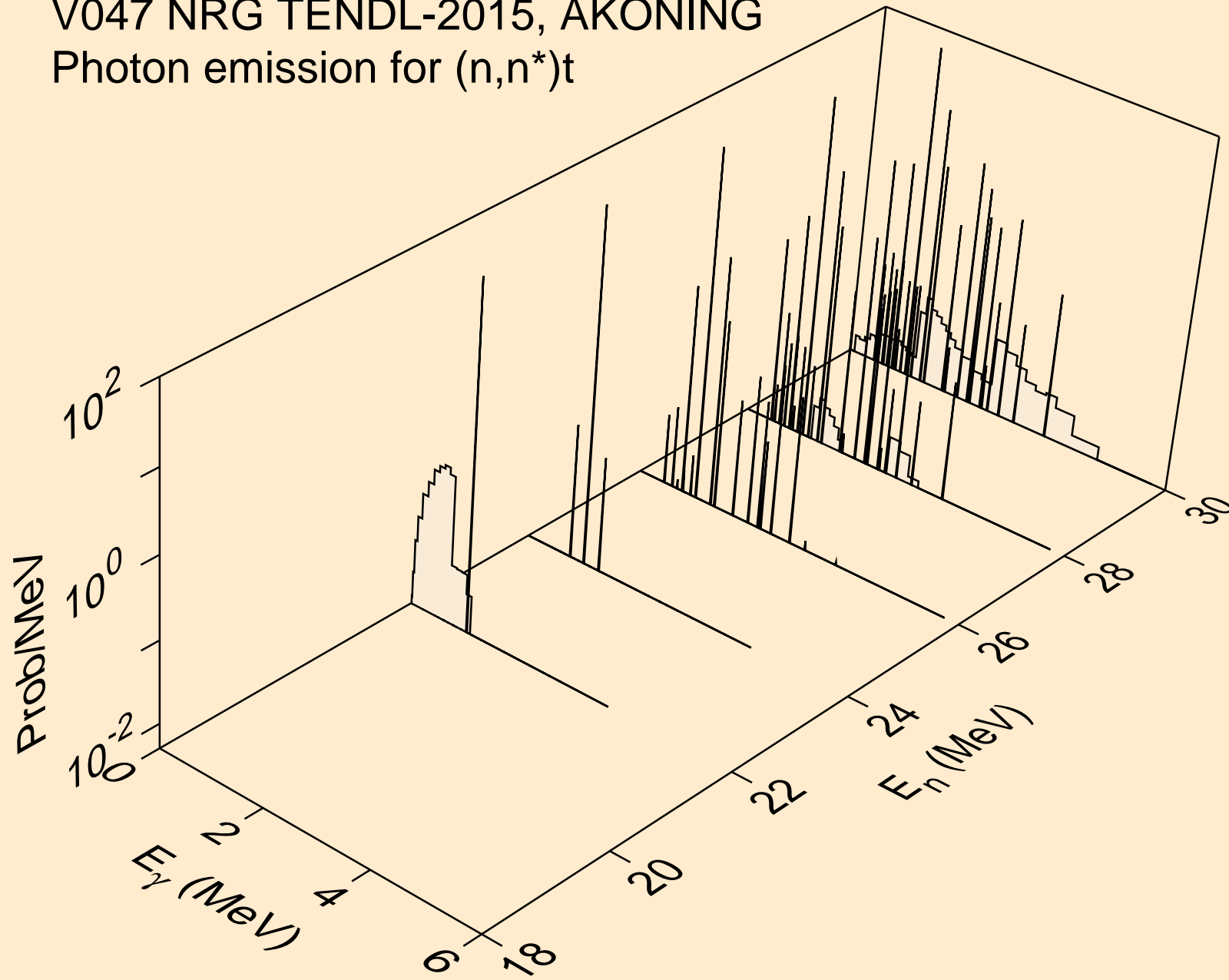


V047 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

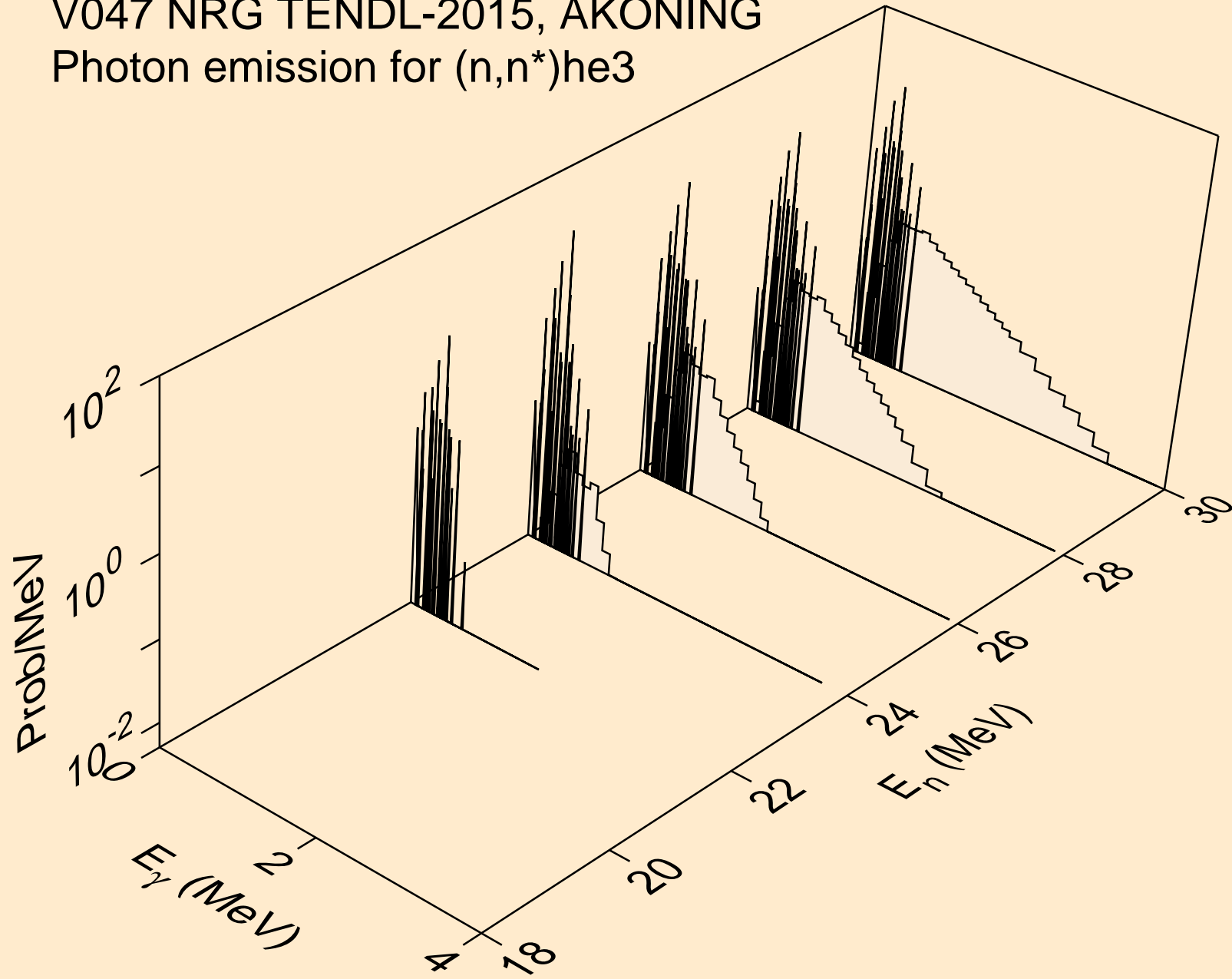




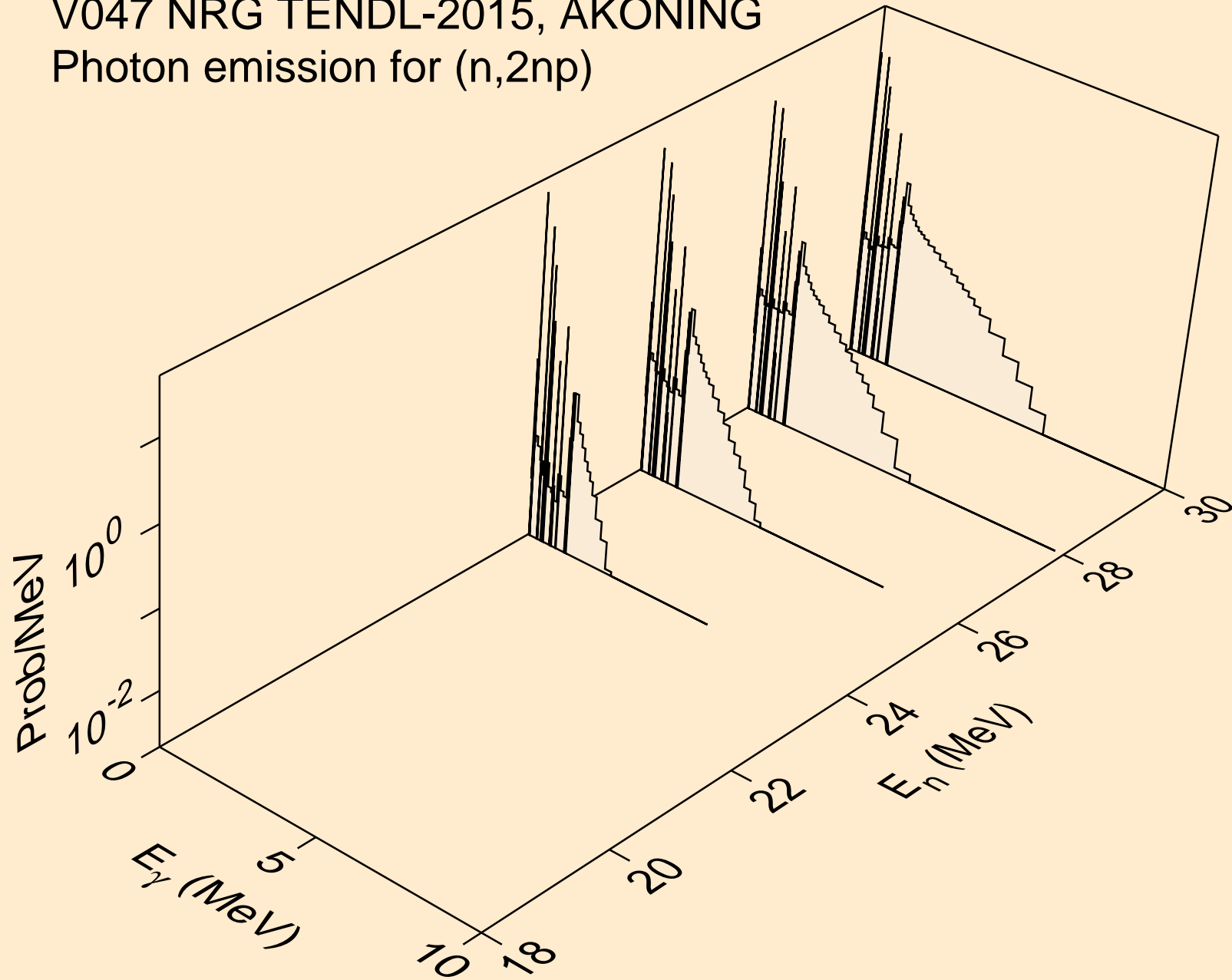
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



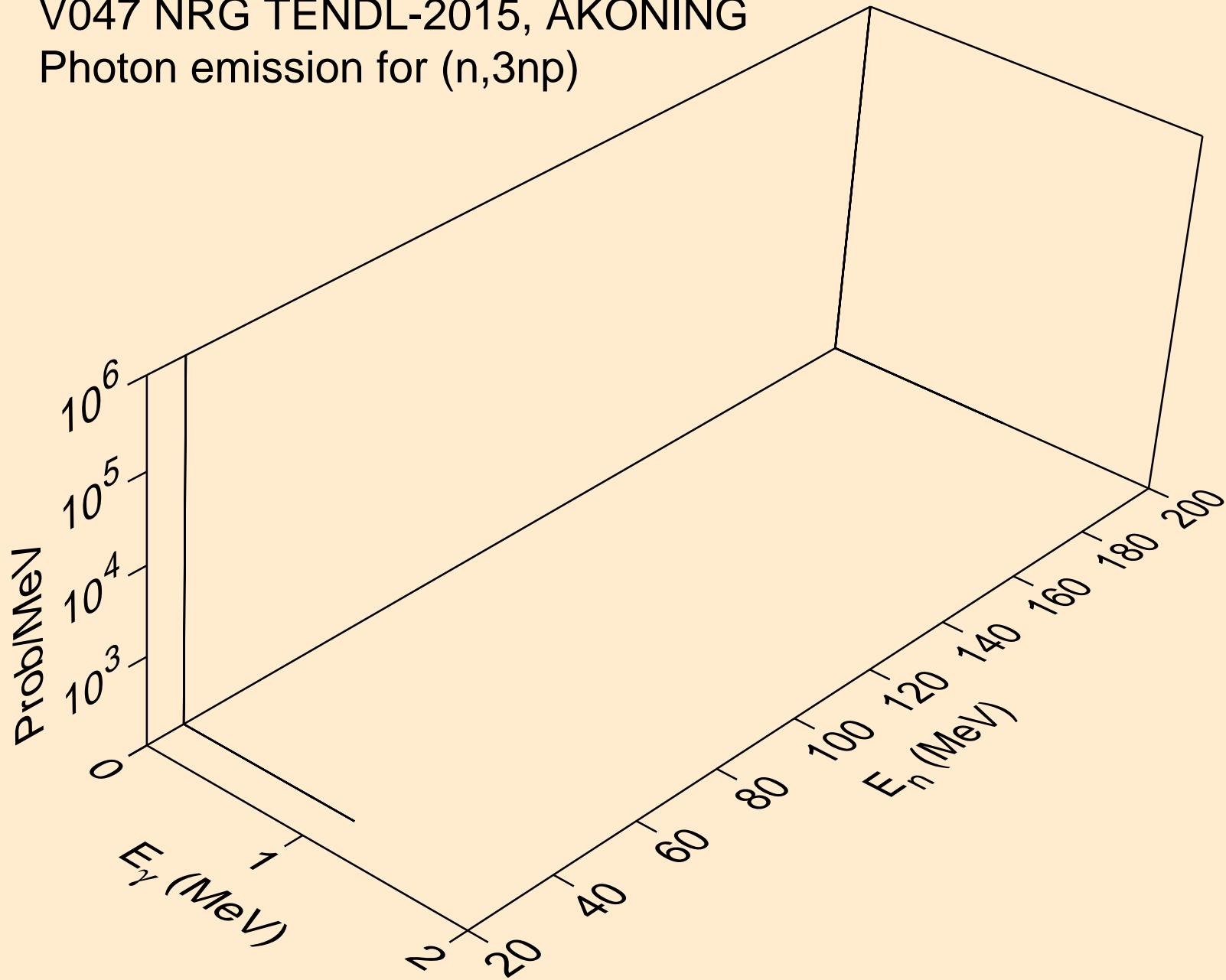
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



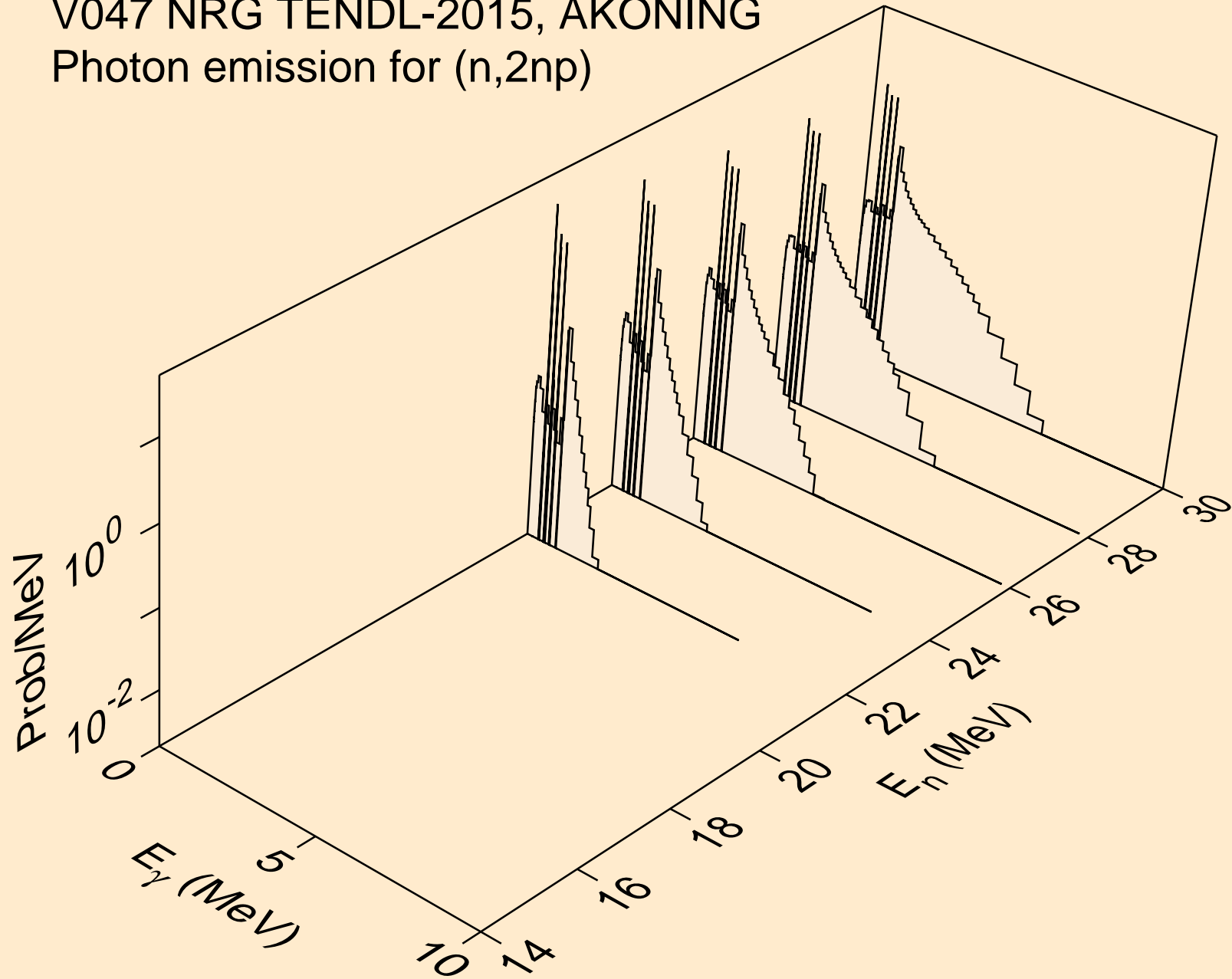
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



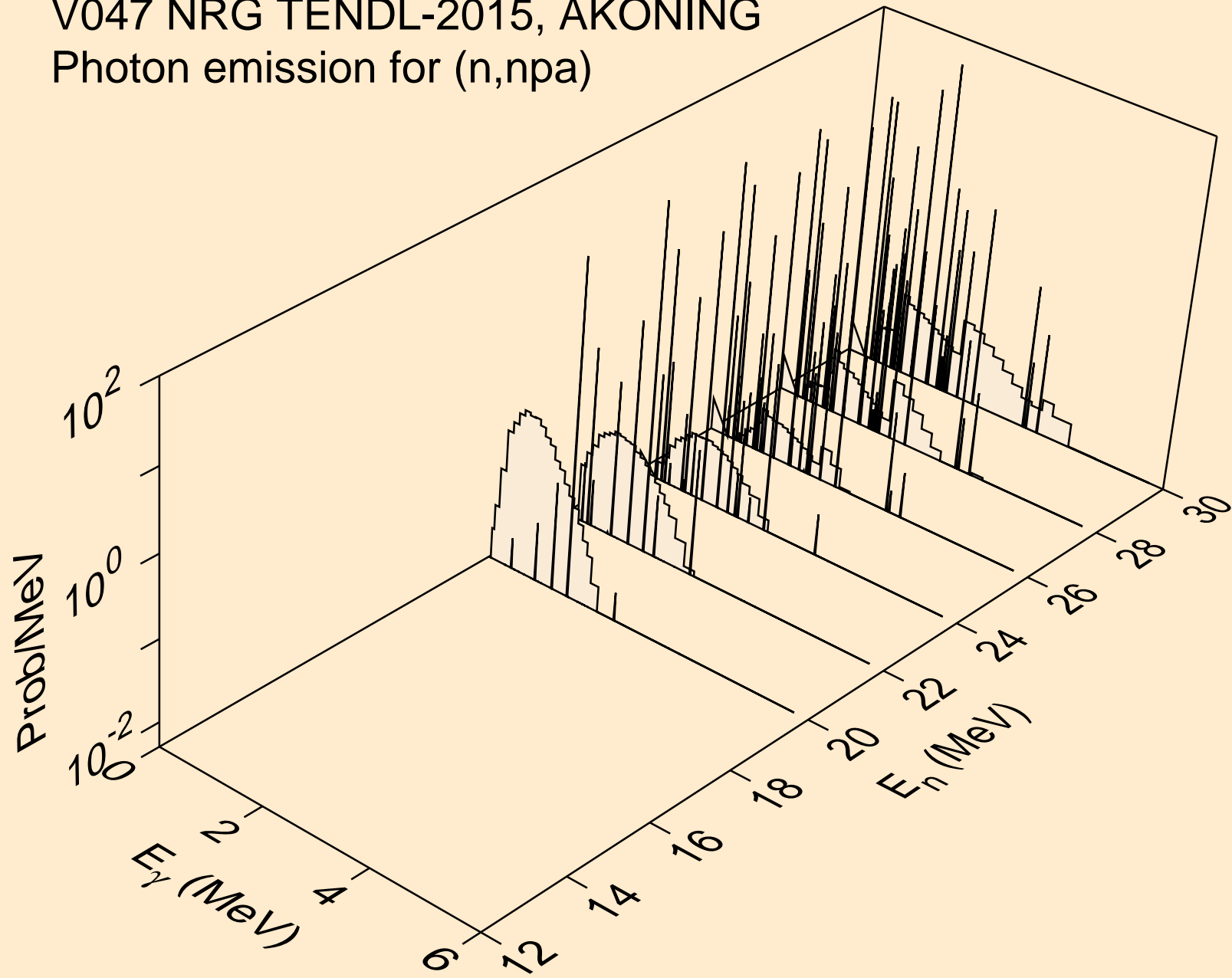
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



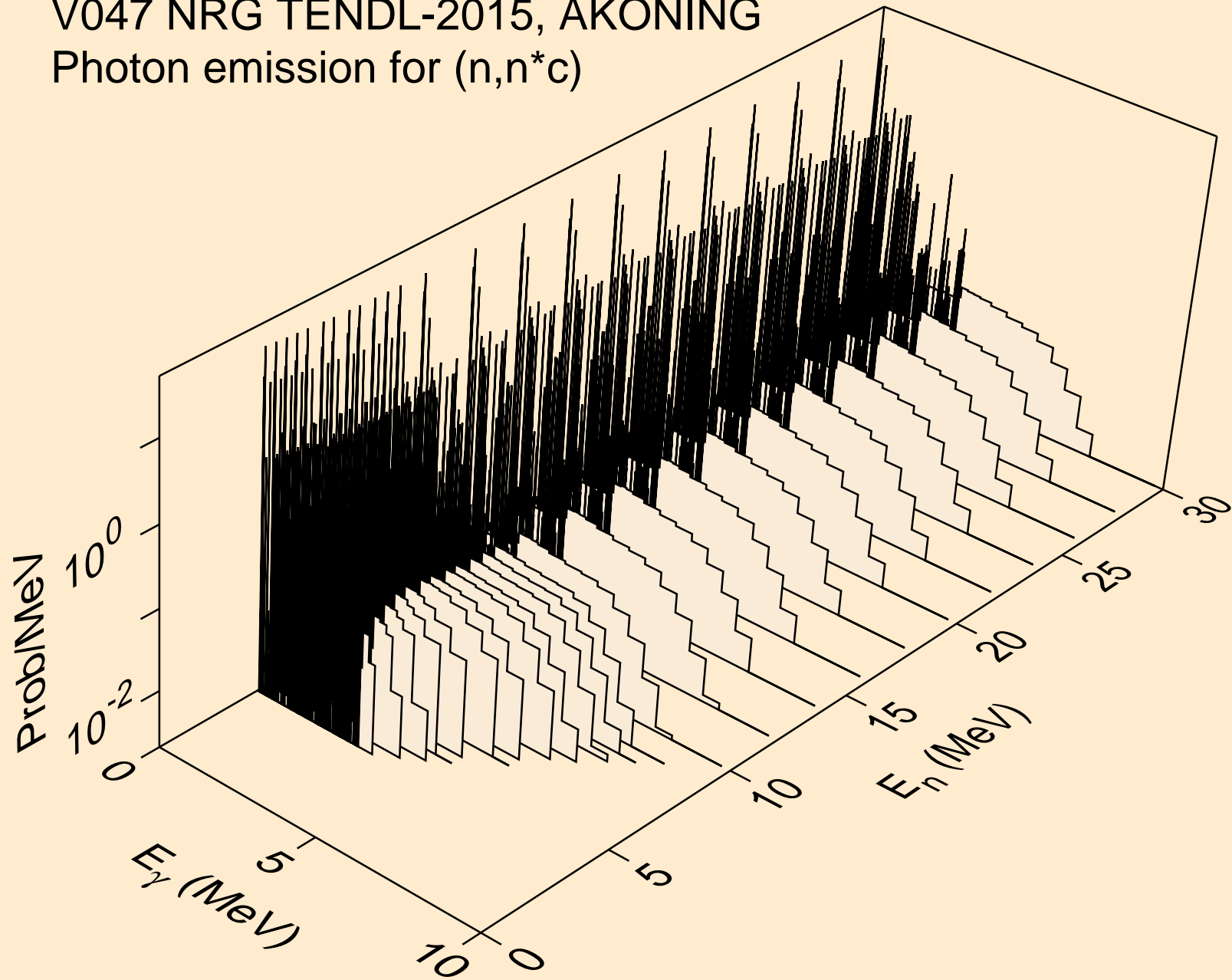
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



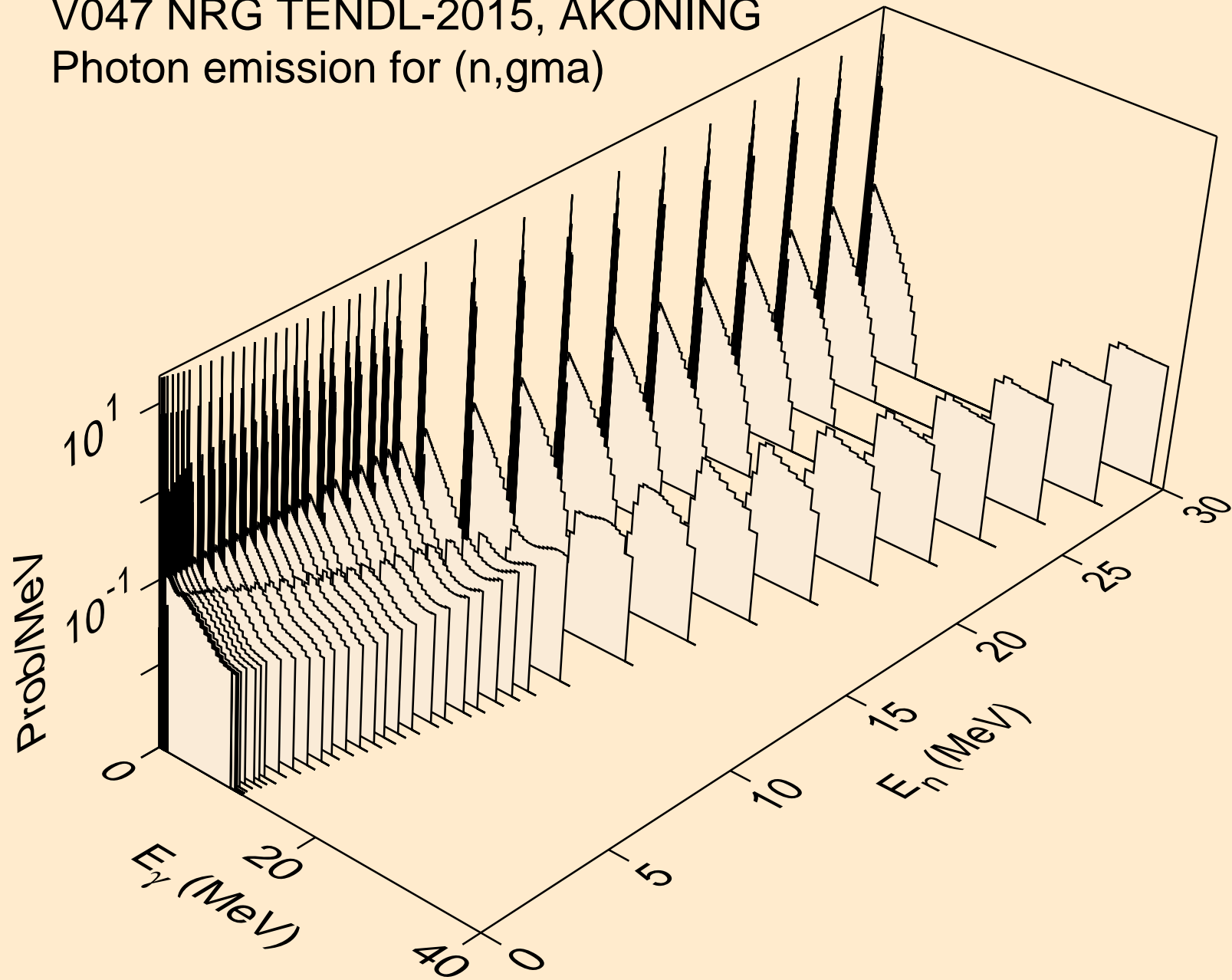
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



V047 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

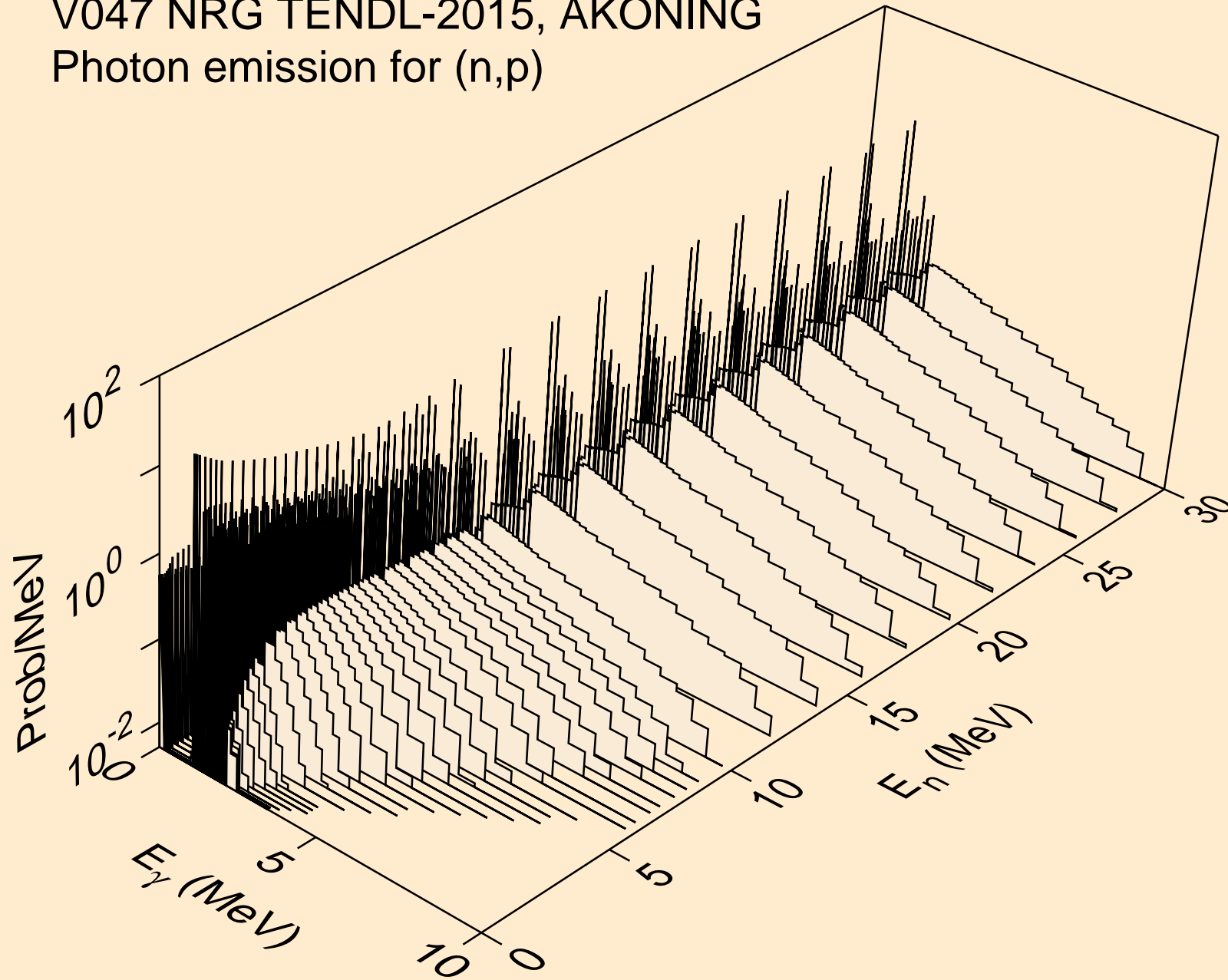


V047 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

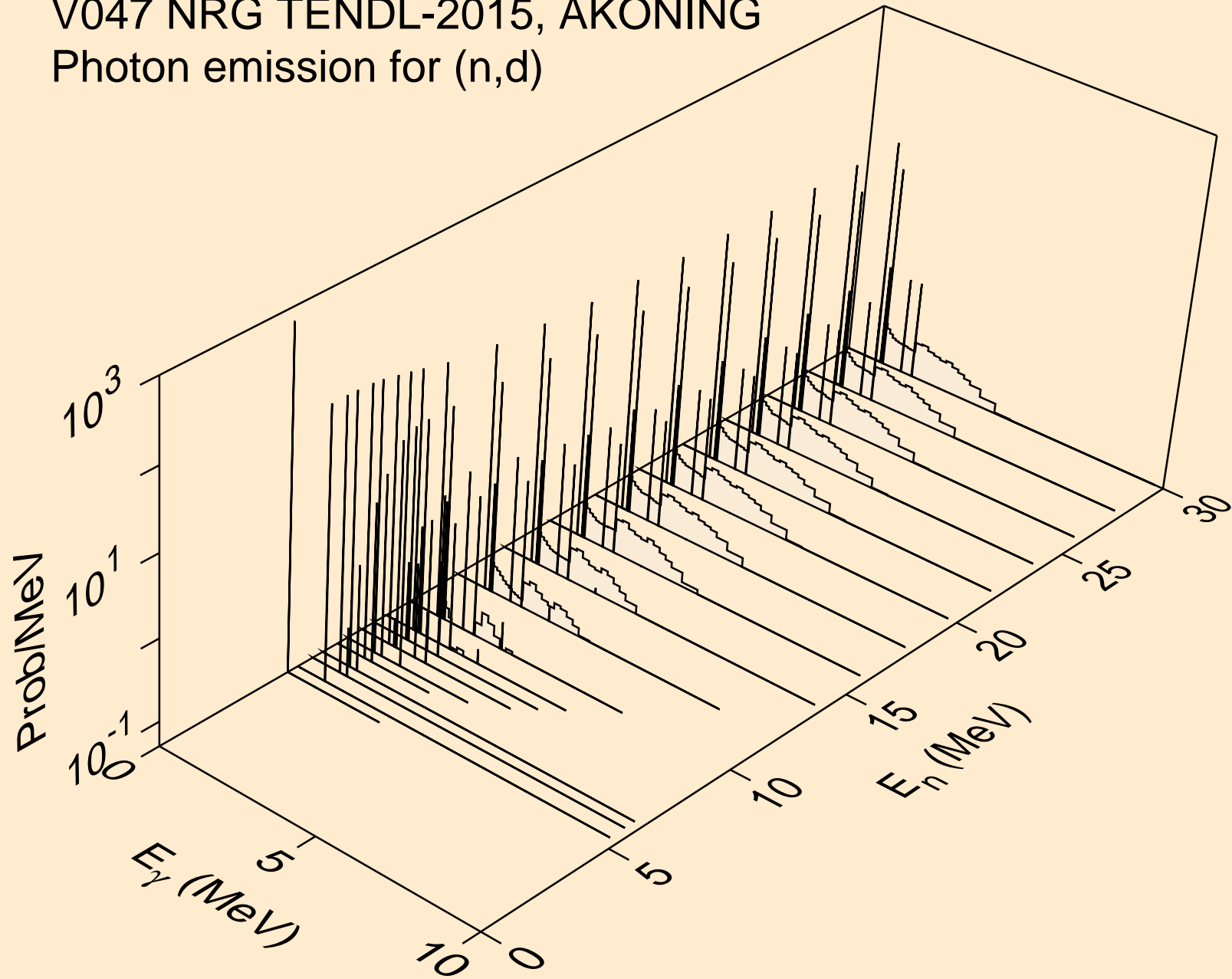




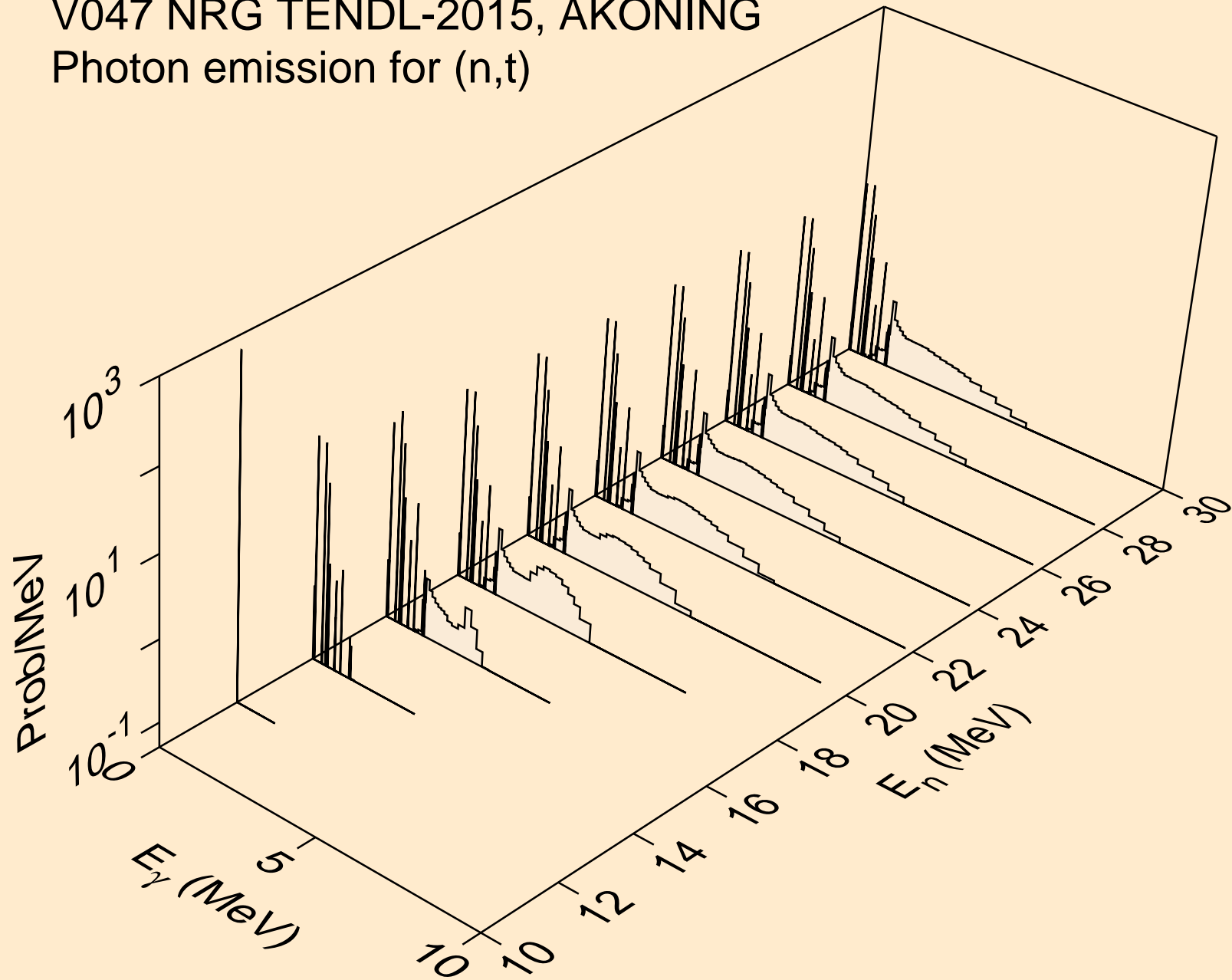
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



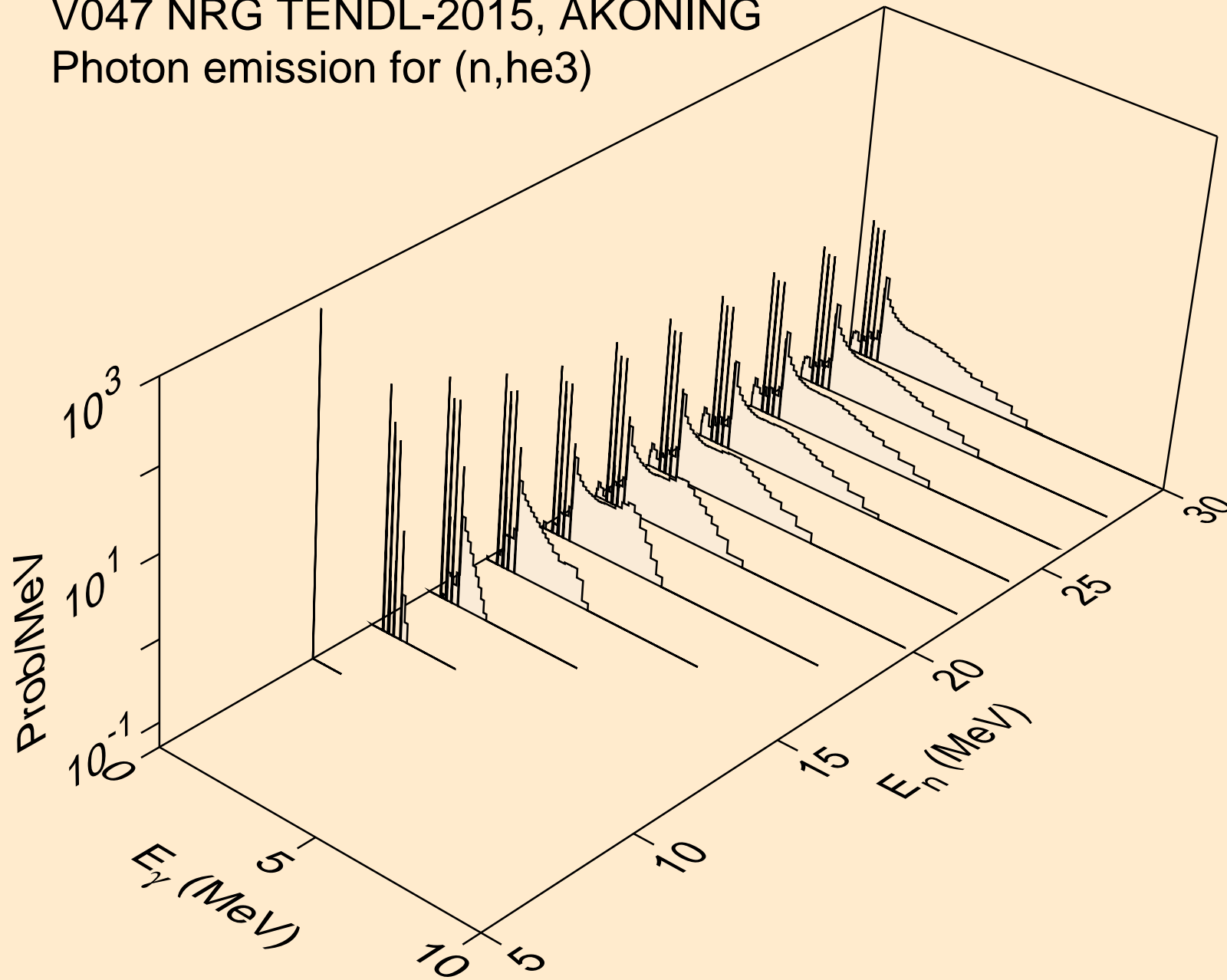
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



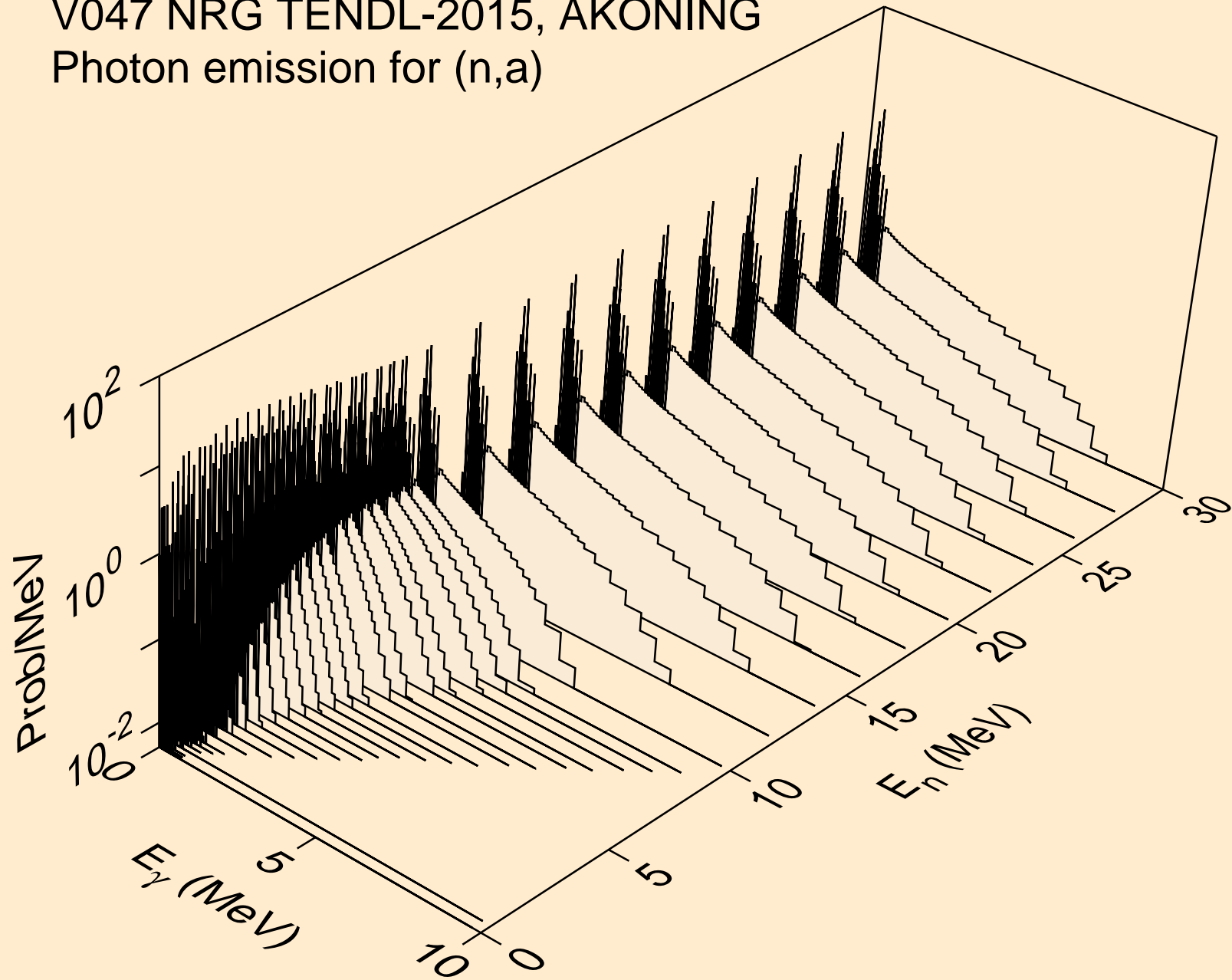
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



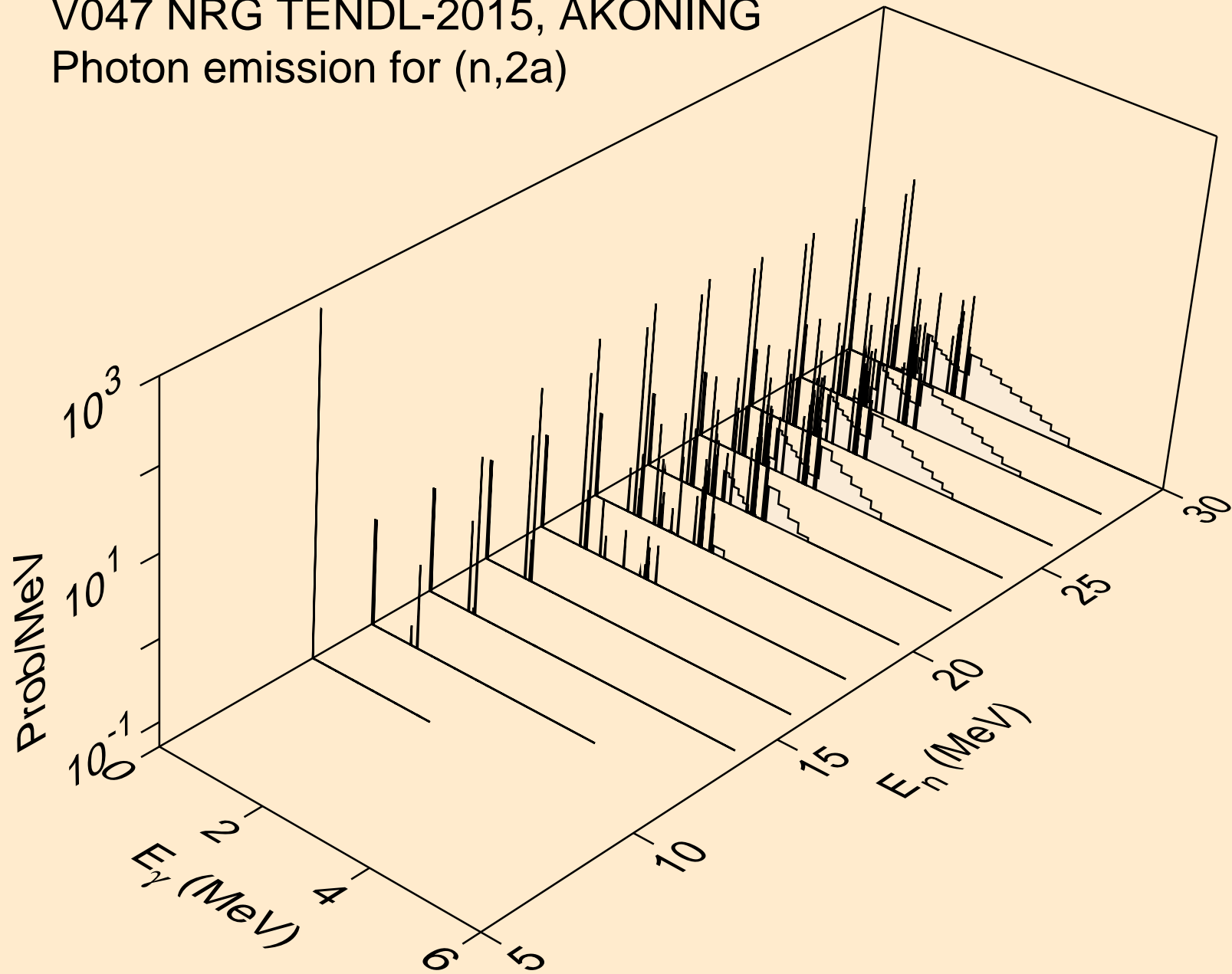
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



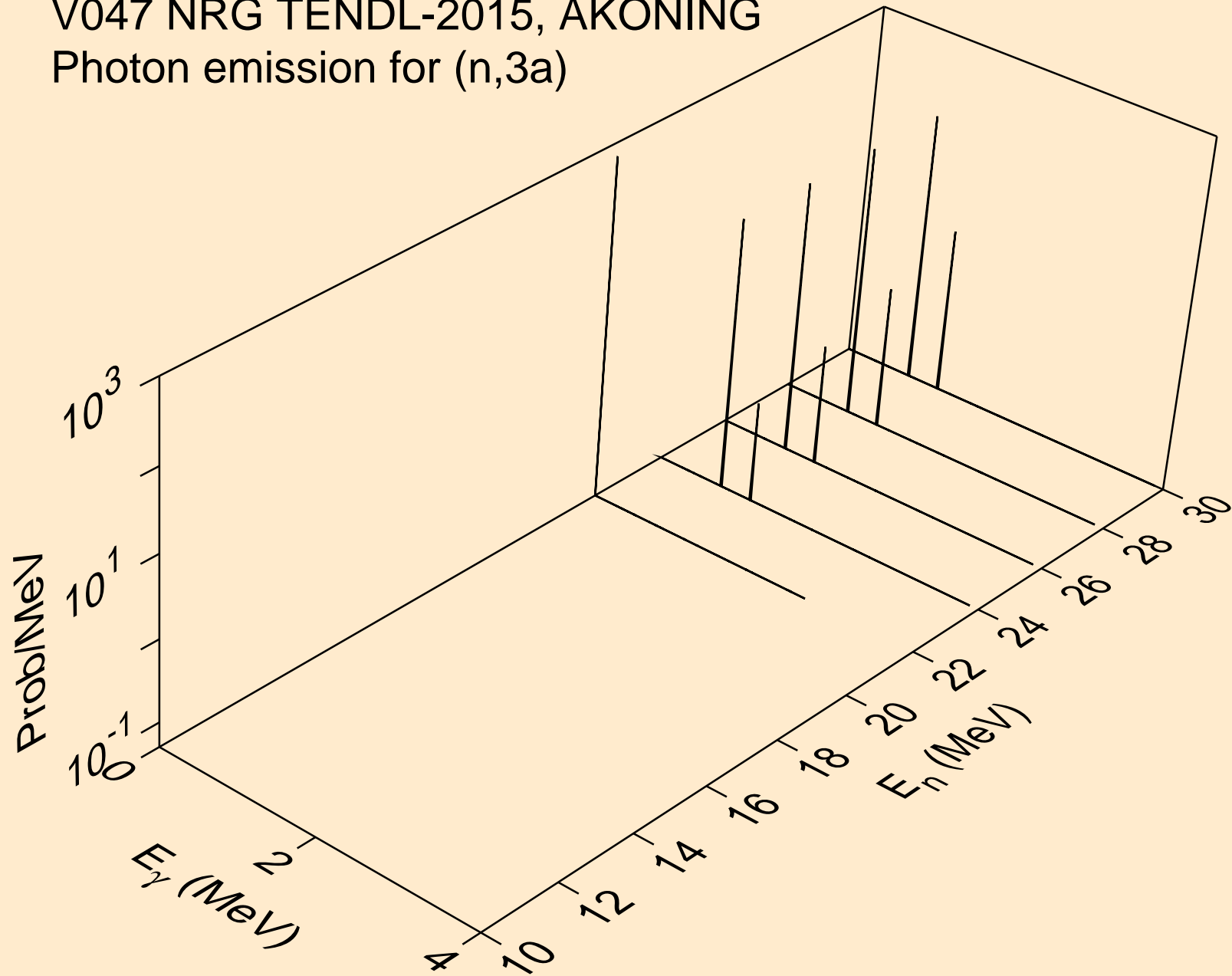
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



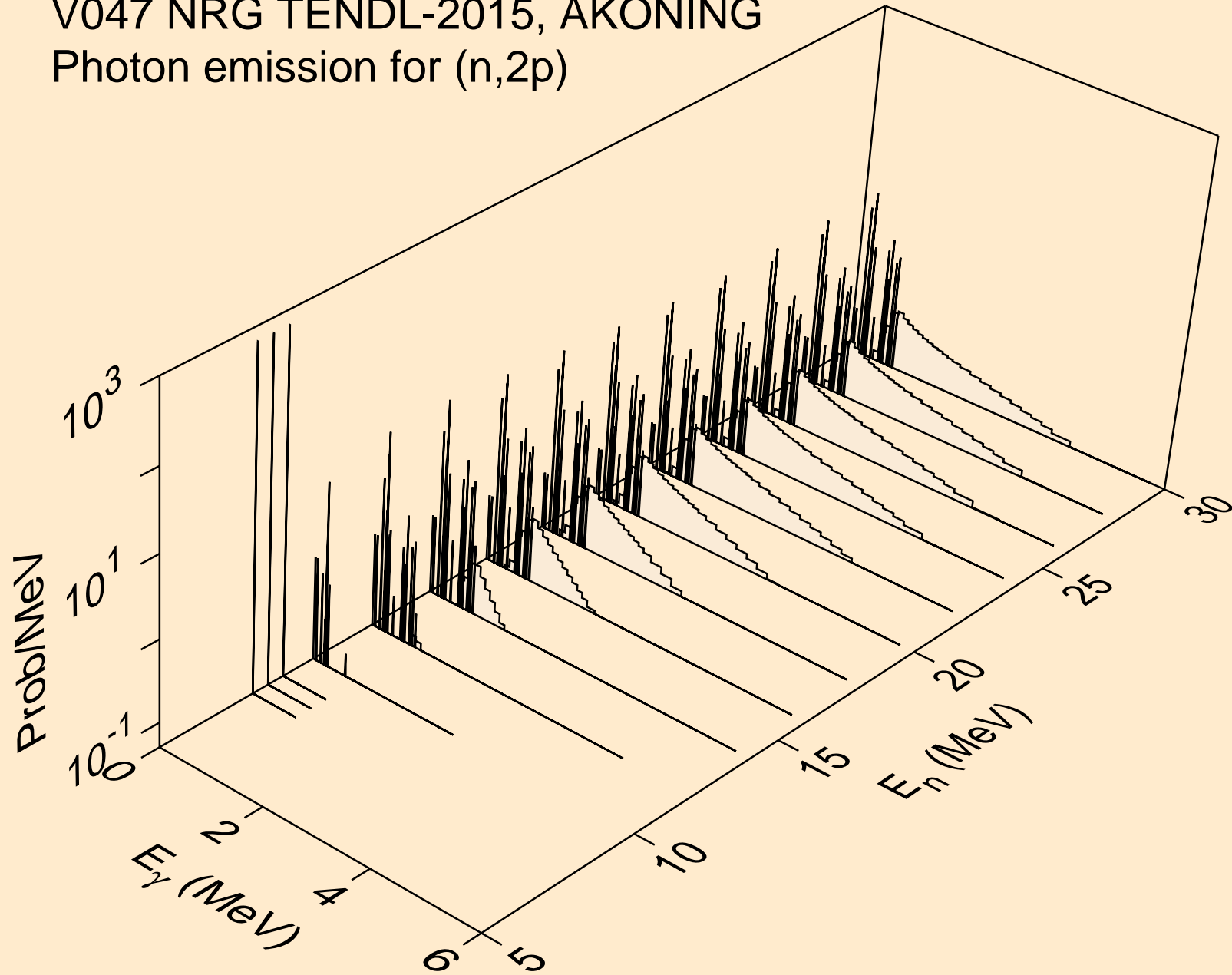
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



V047 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

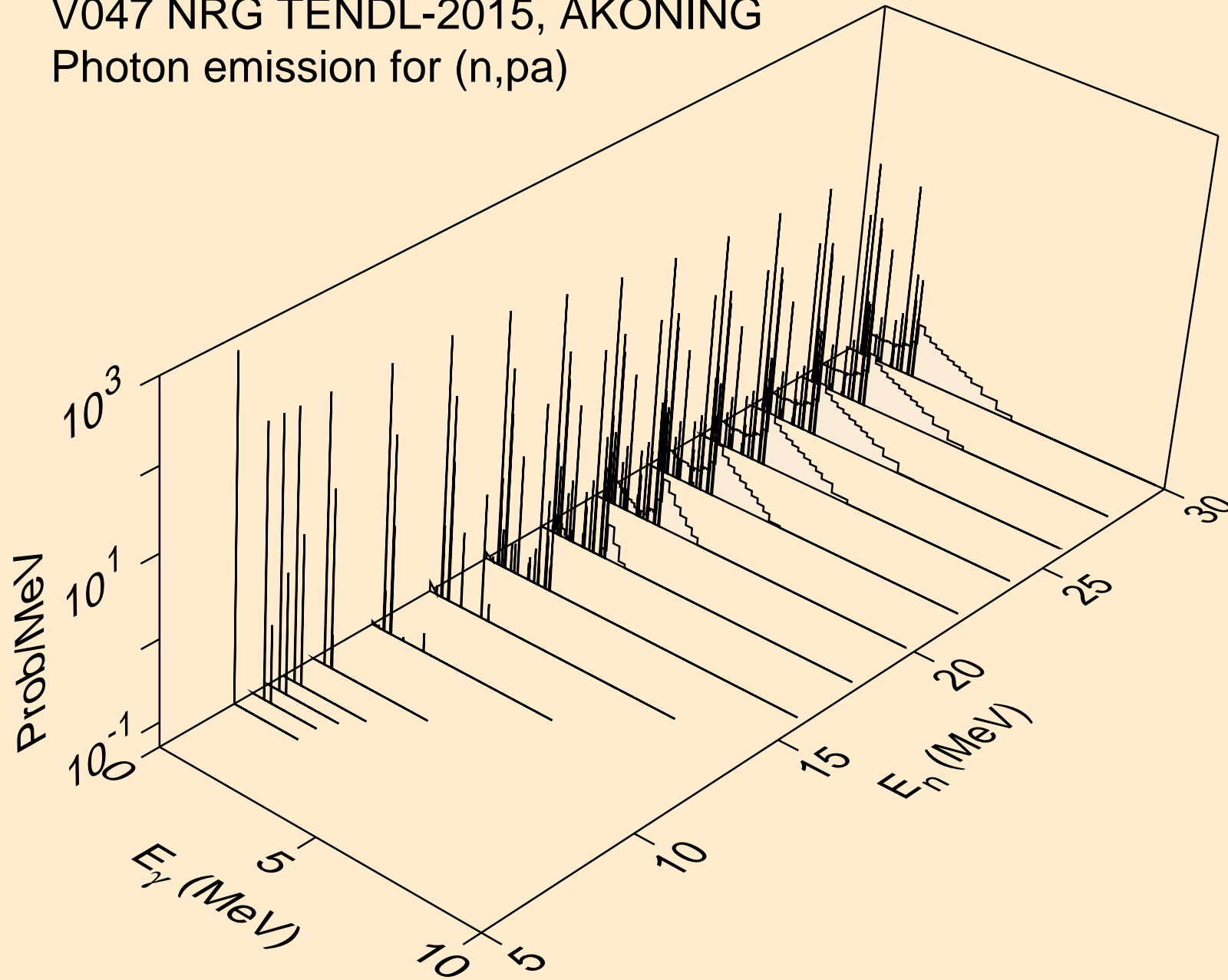


V047 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

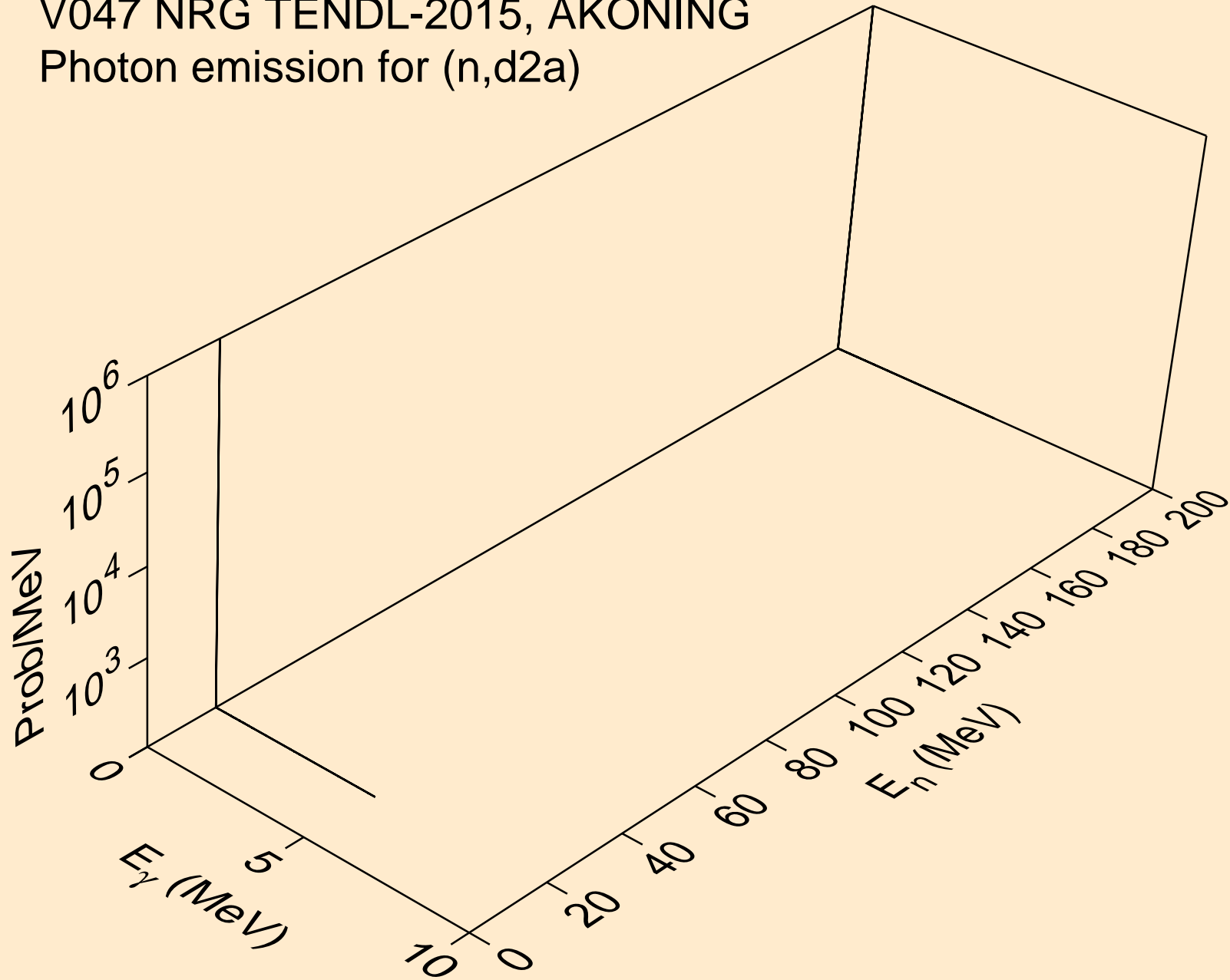




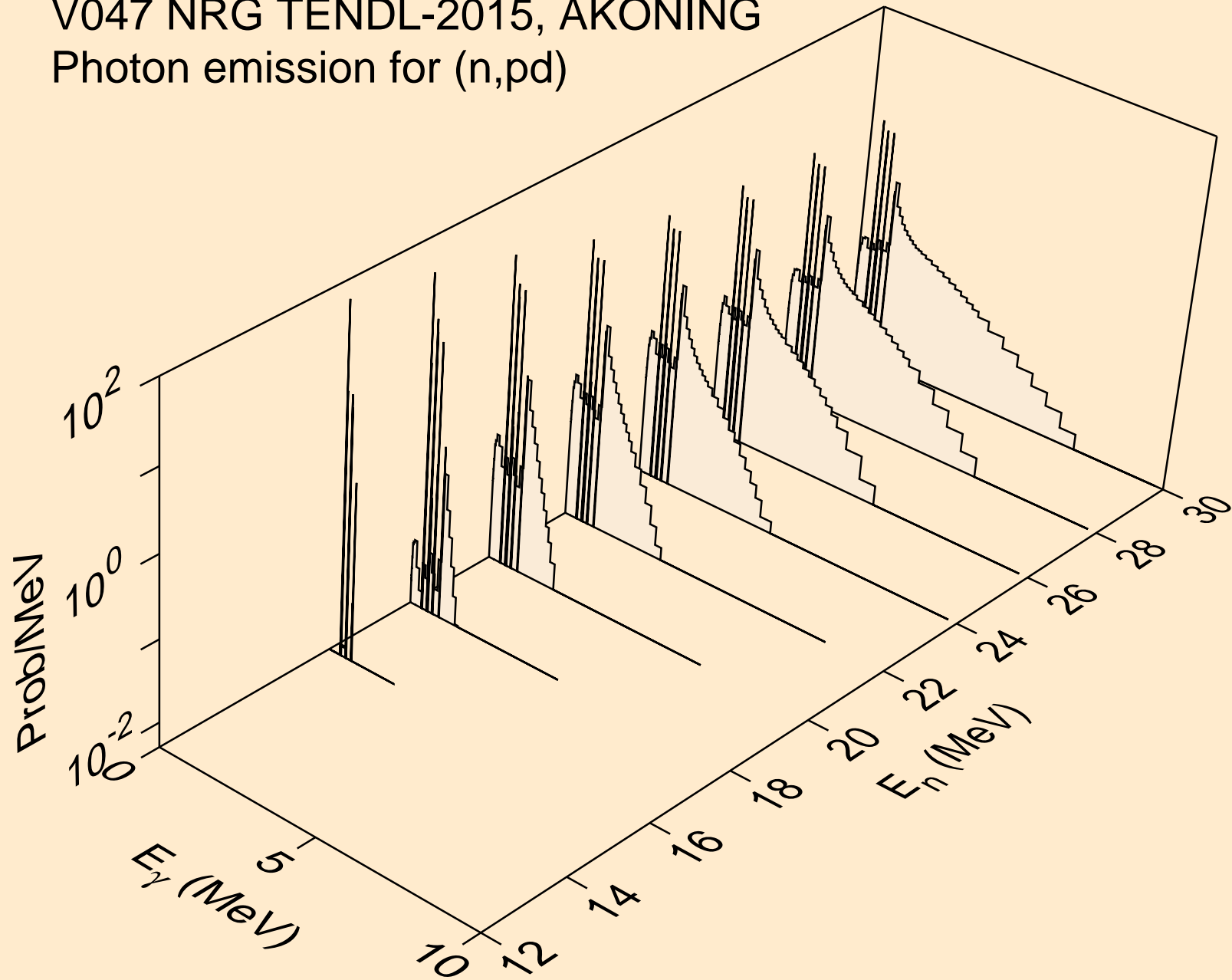
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



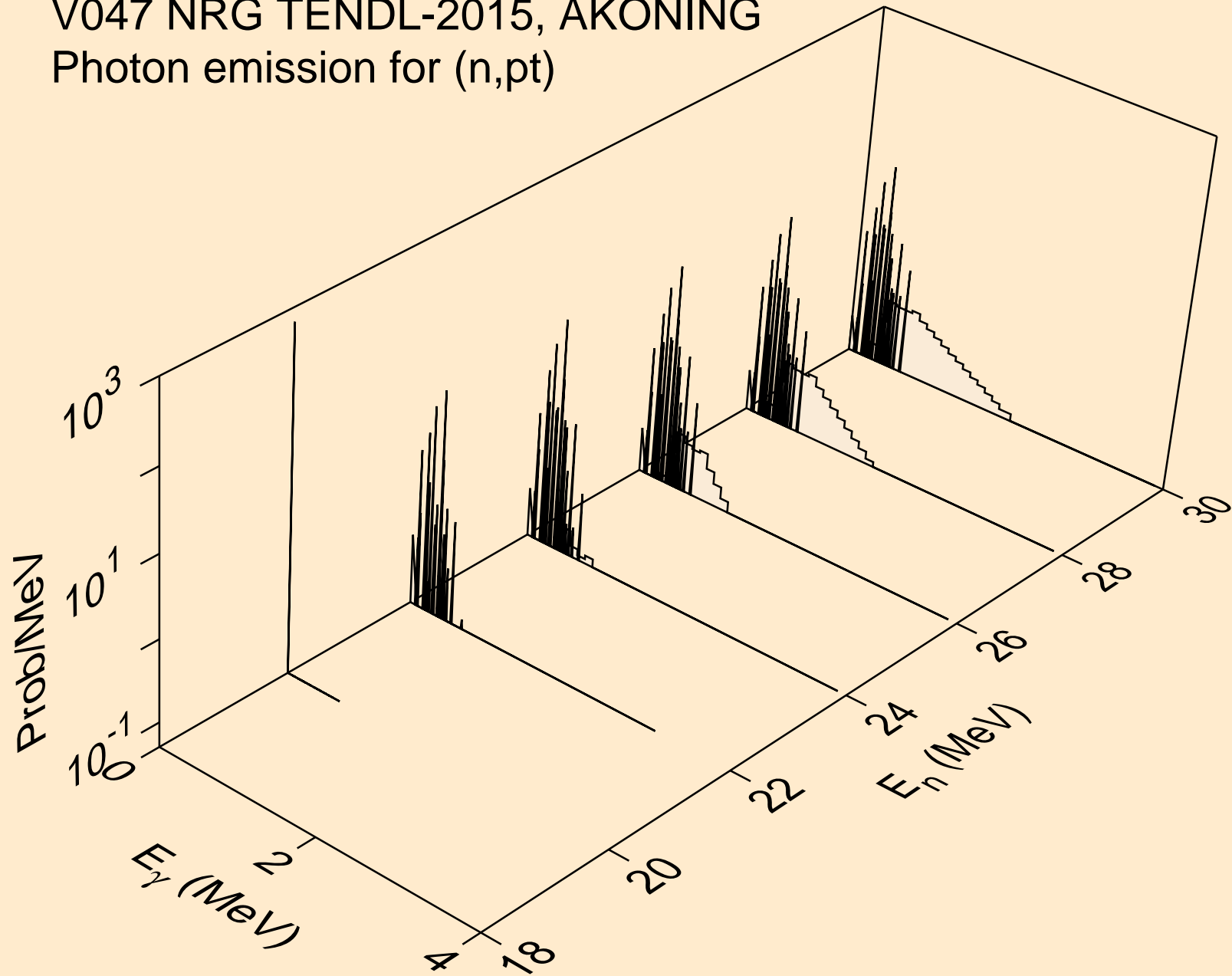
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



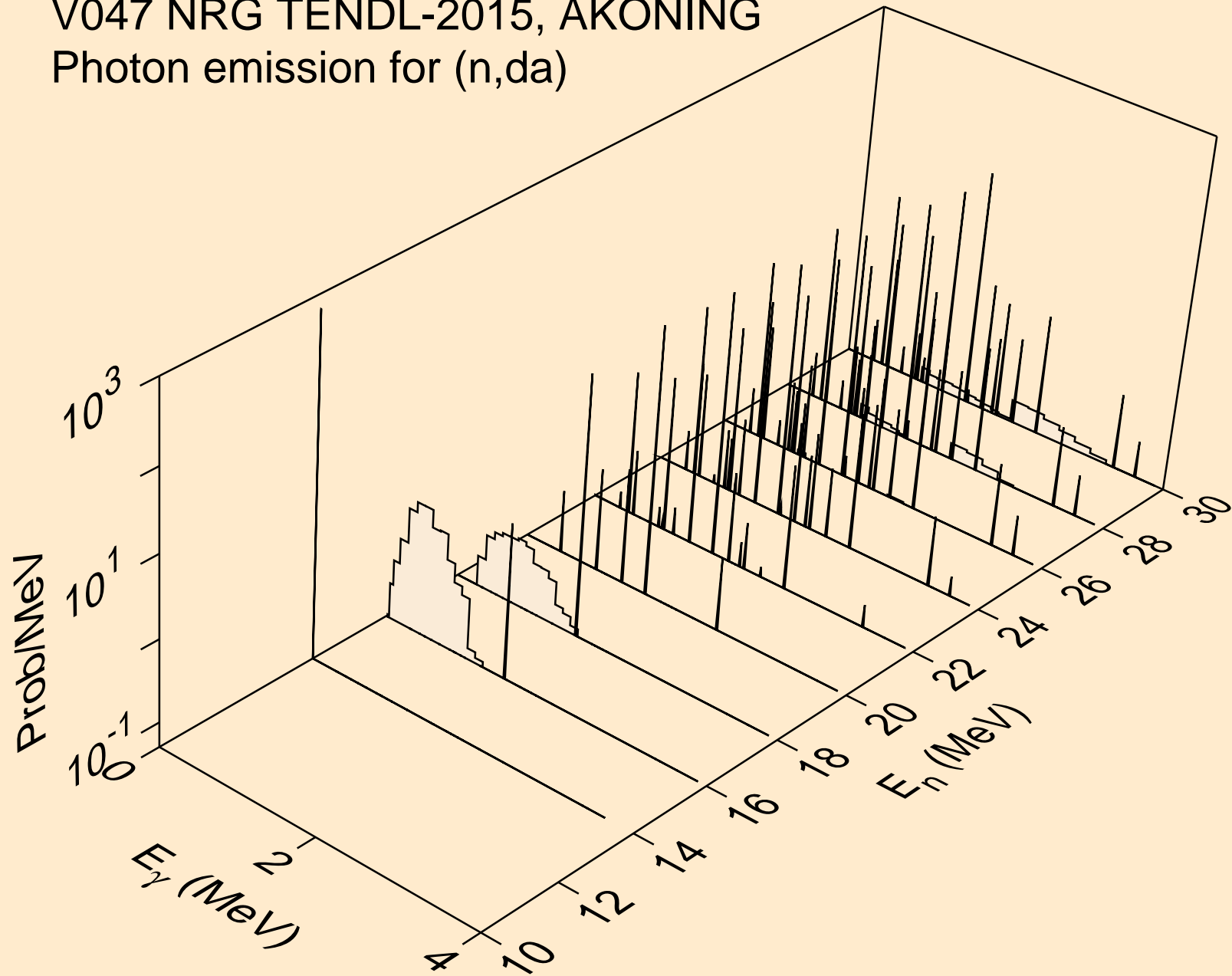
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



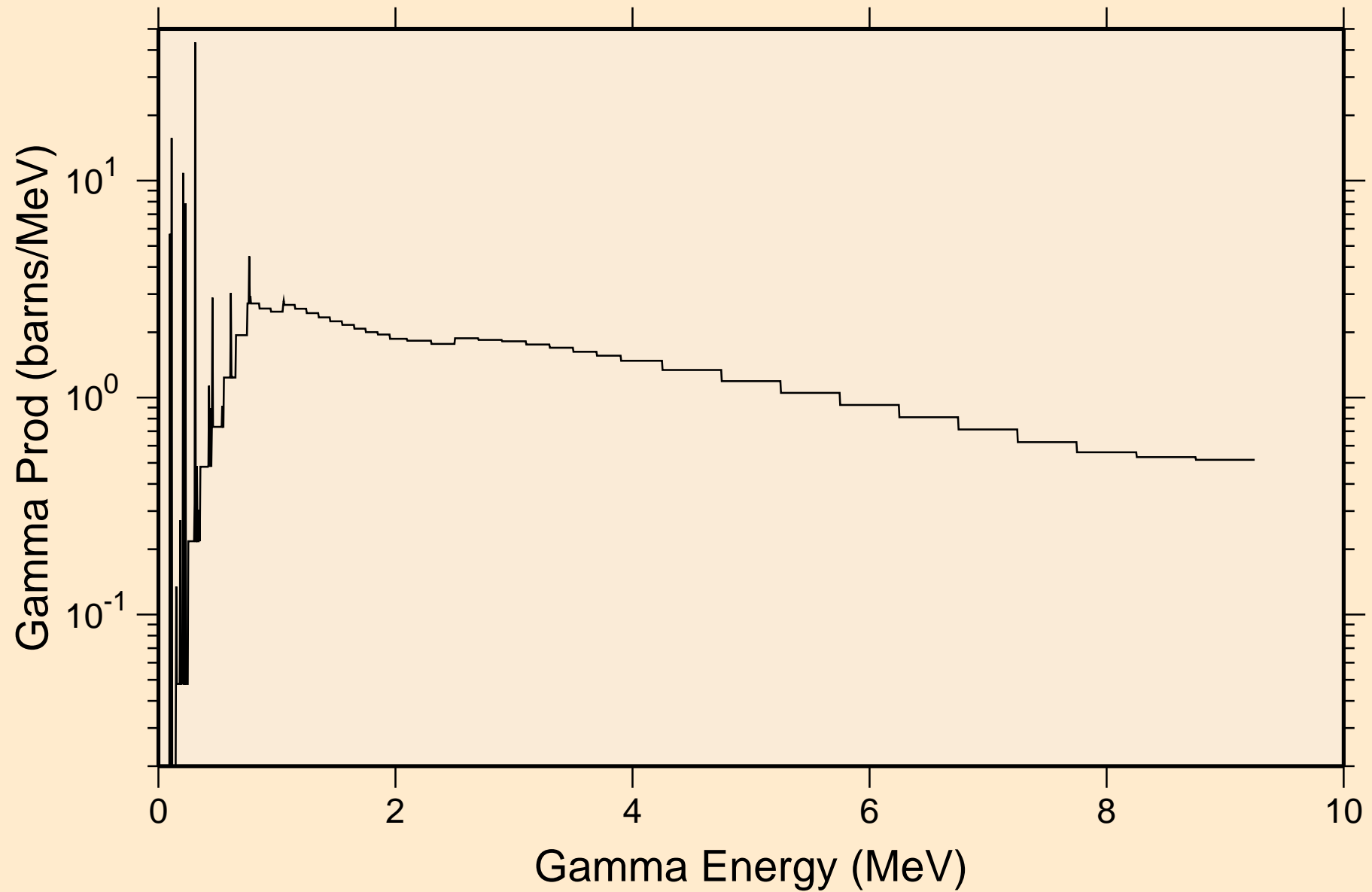
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



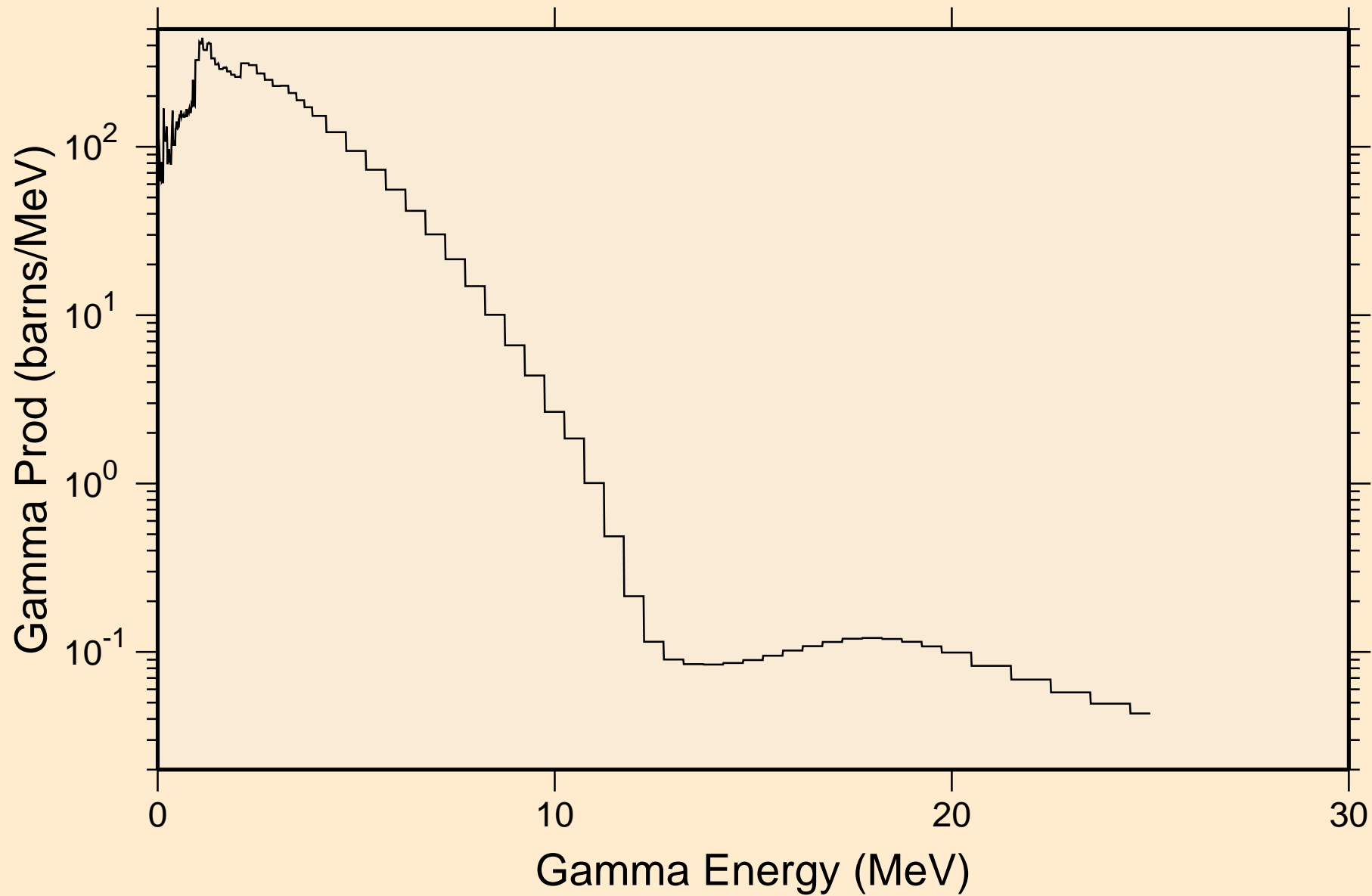
V047 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



V047 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

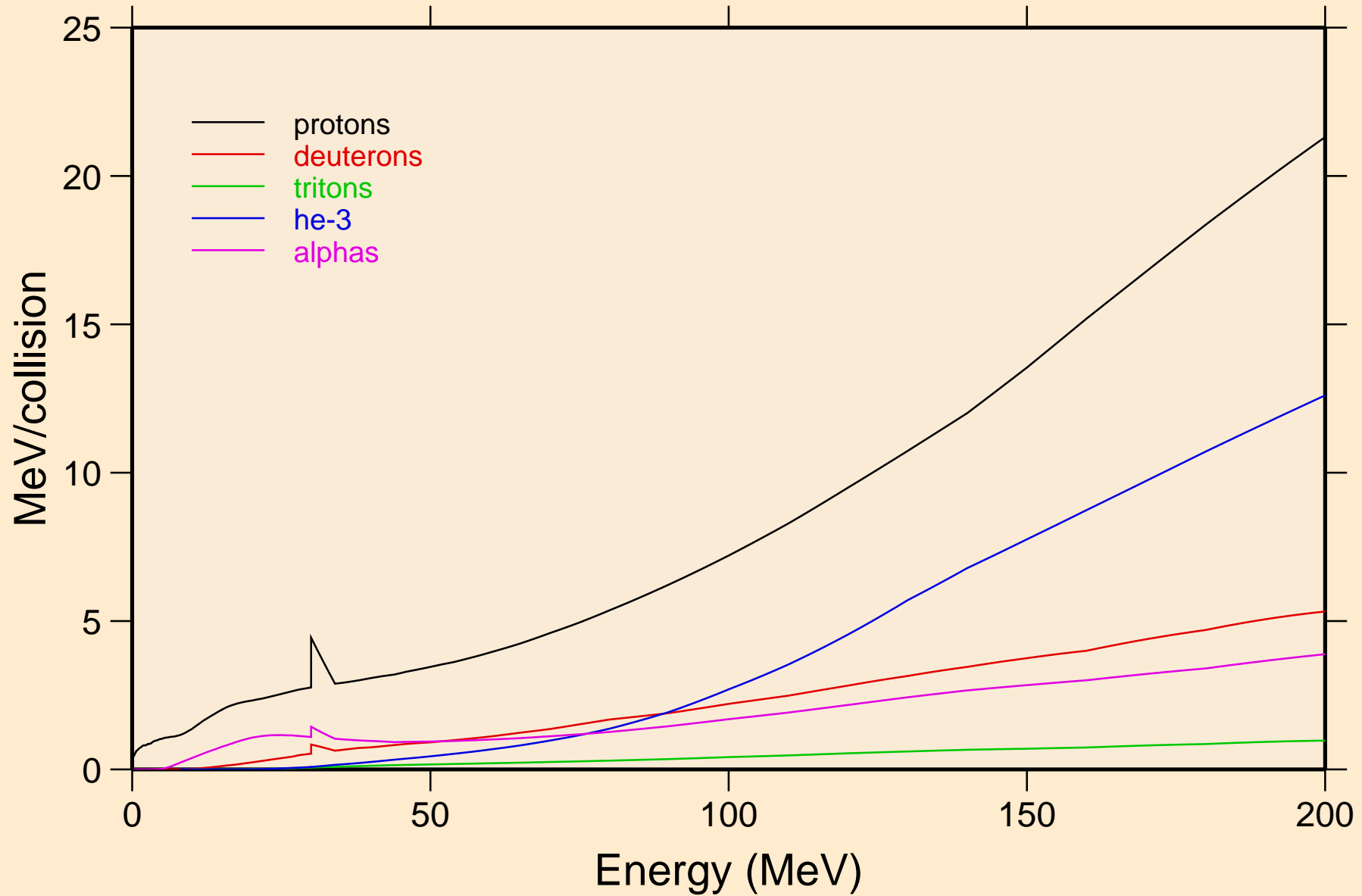


V047 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# V047 NRG TENDL-2015, AKONING

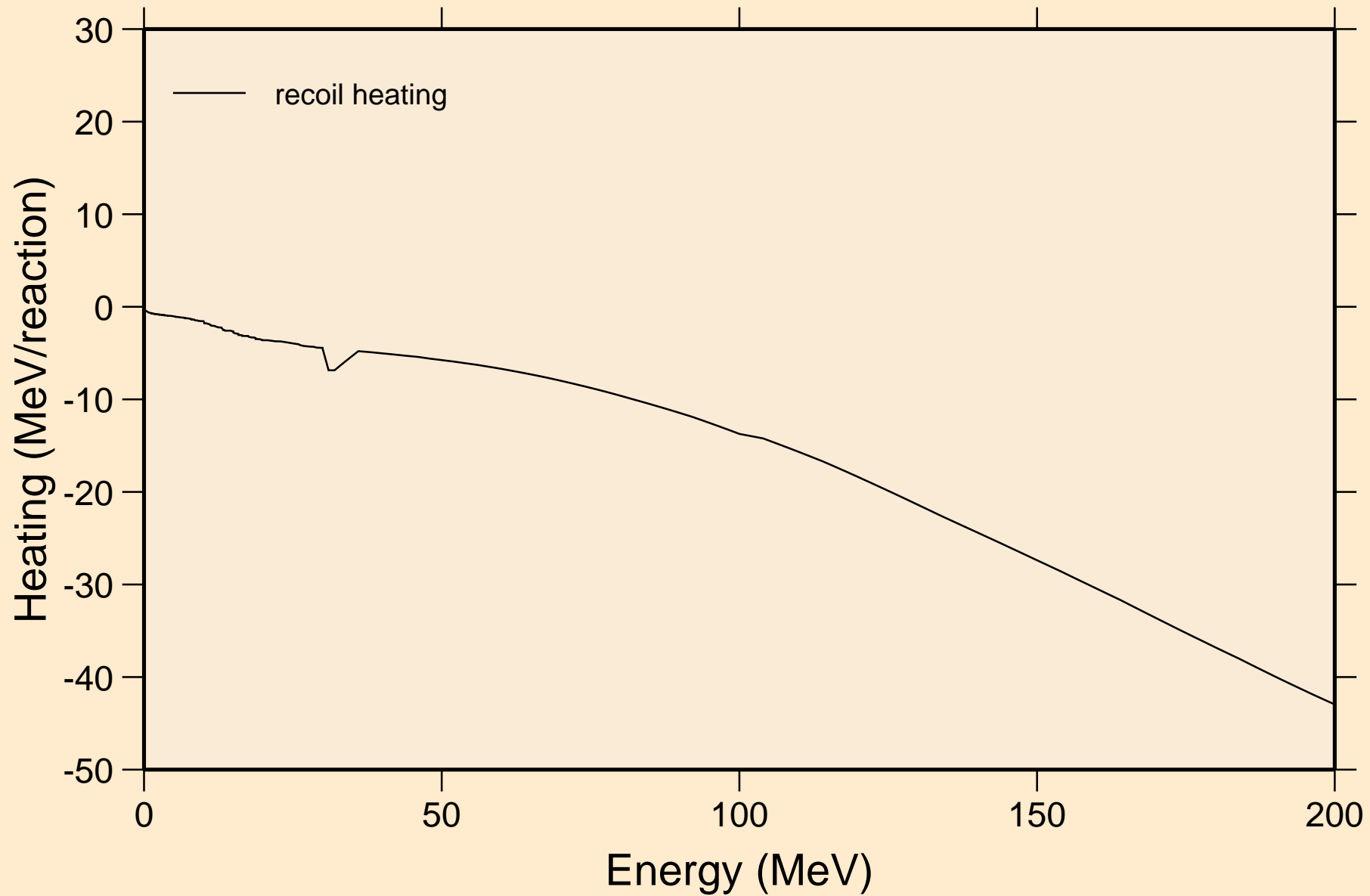
## Particle heating contributions





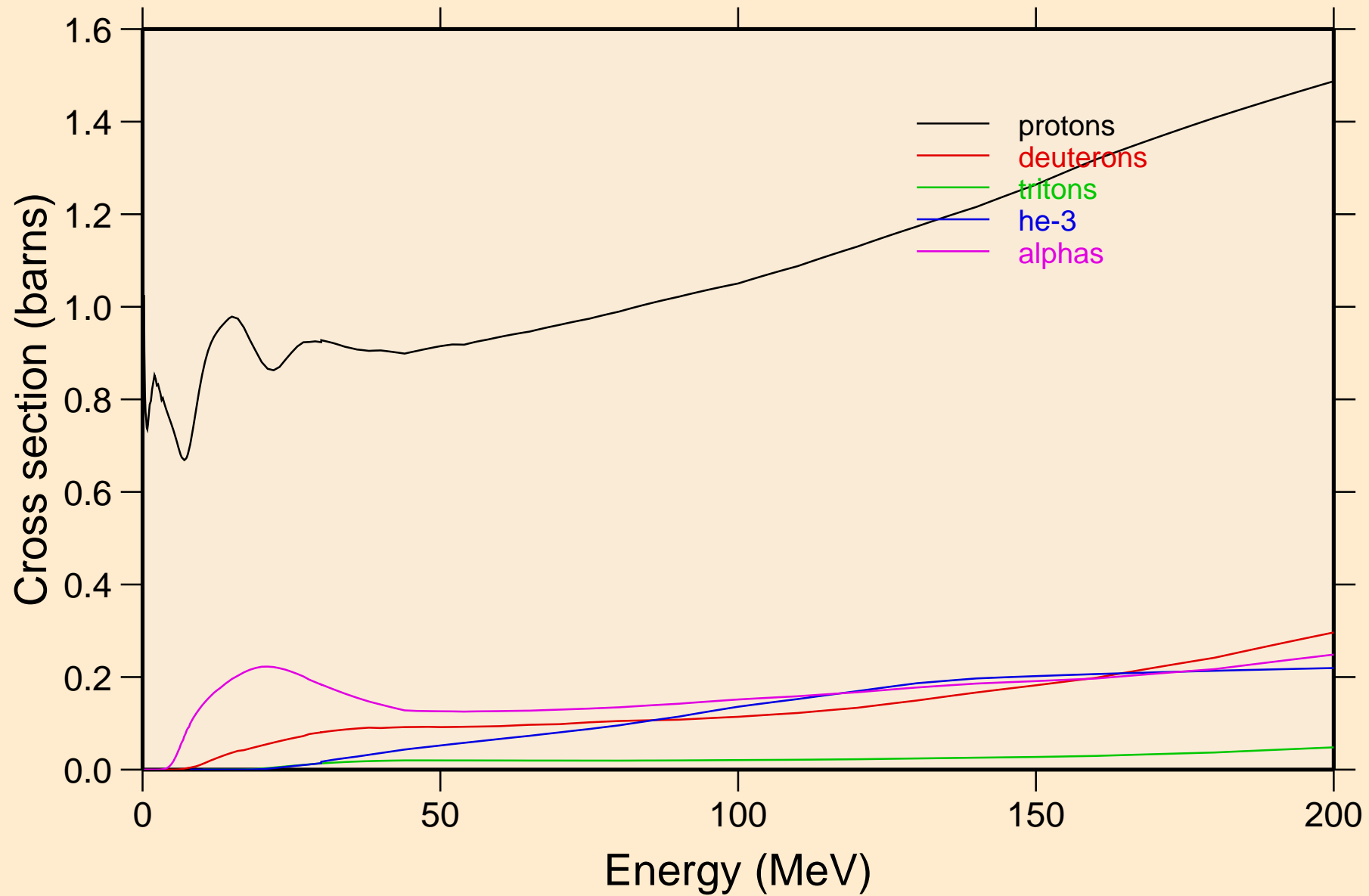
# V047 NRG TENDL-2015, AKONING

## Recoil Heating

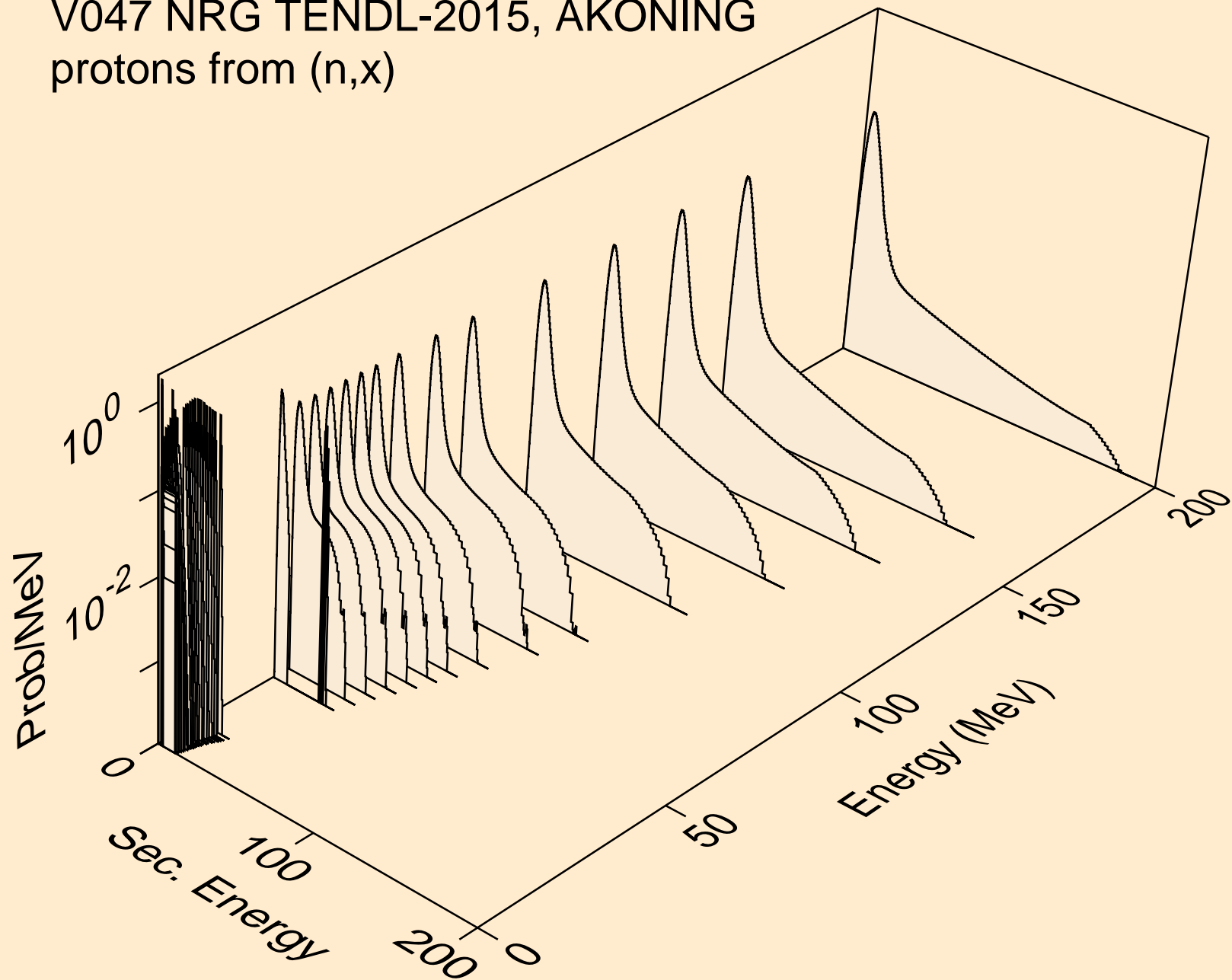


# V047 NRG TENDL-2015, AKONING

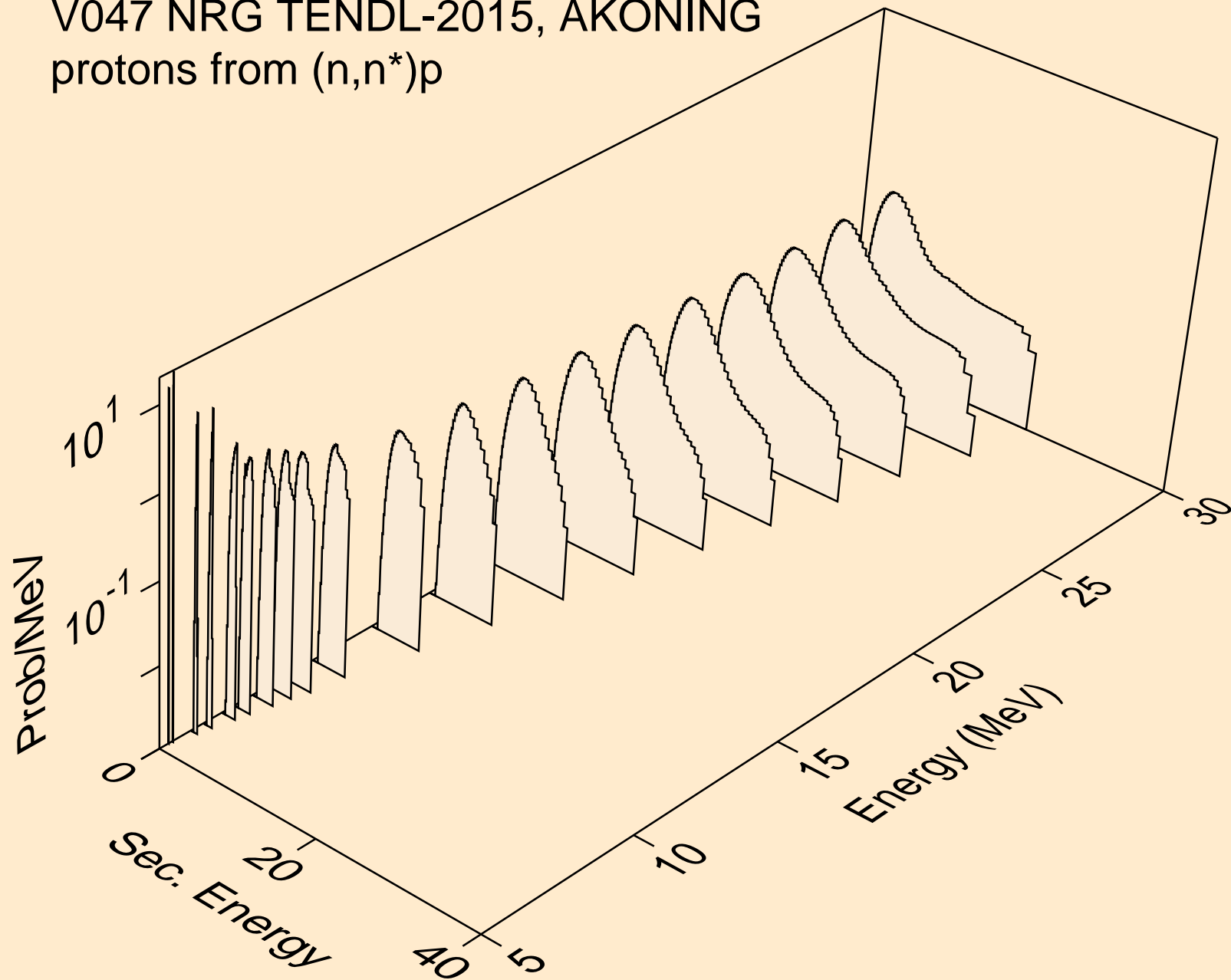
## Particle production cross sections



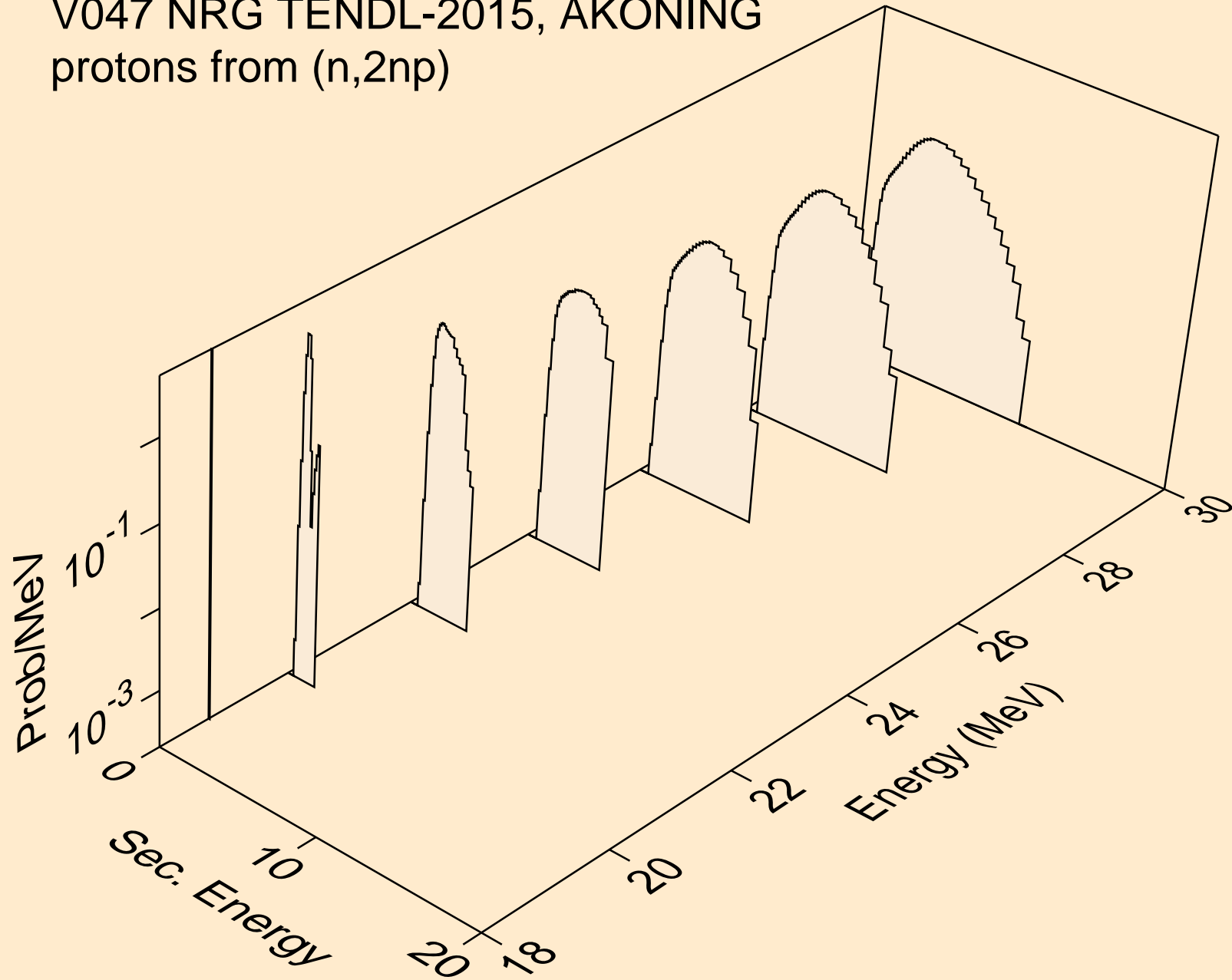
V047 NRG TENDL-2015, AKONING  
protons from (n,x)



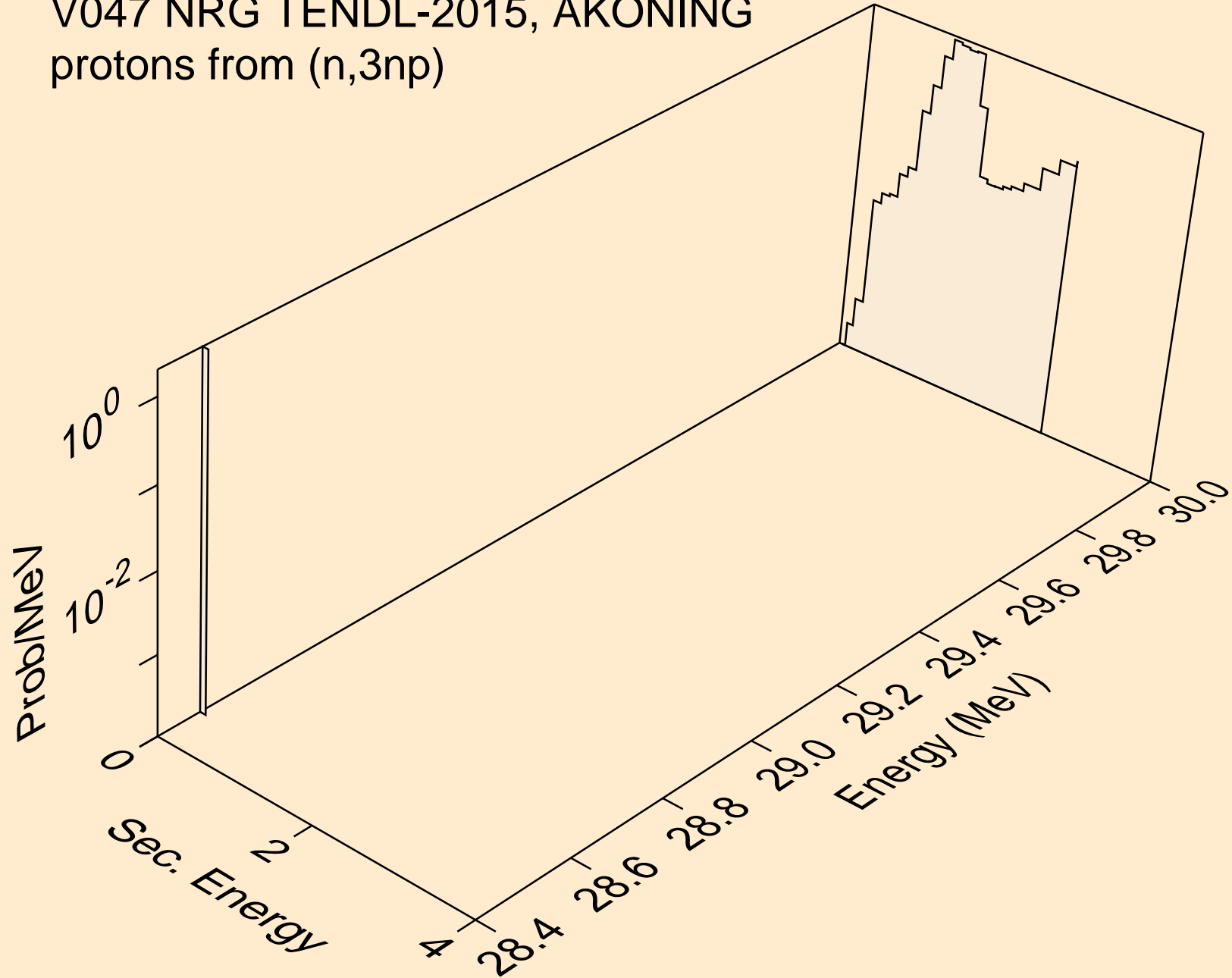
V047 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



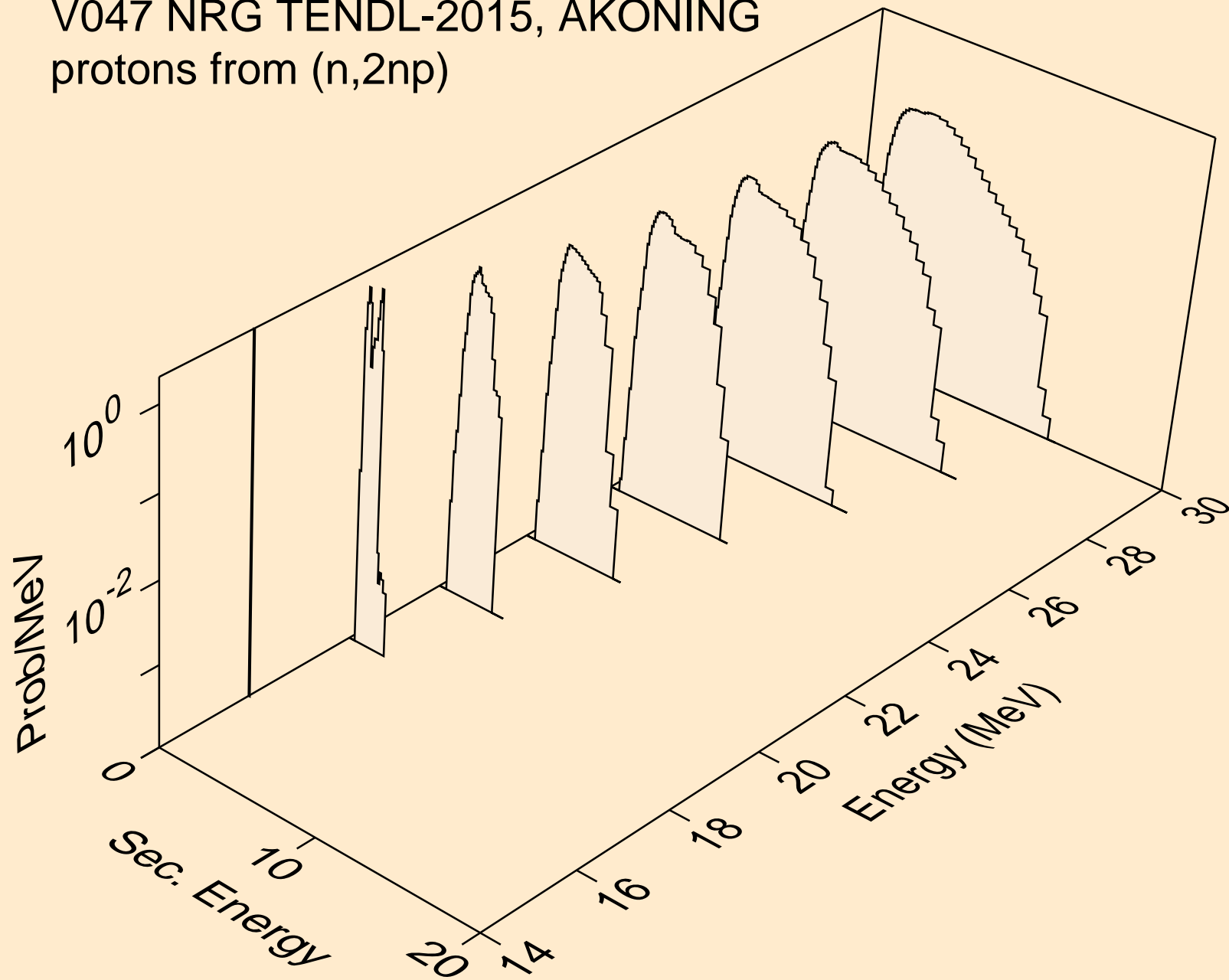
V047 NRG TENDL-2015, AKONING  
protons from (n,2np)



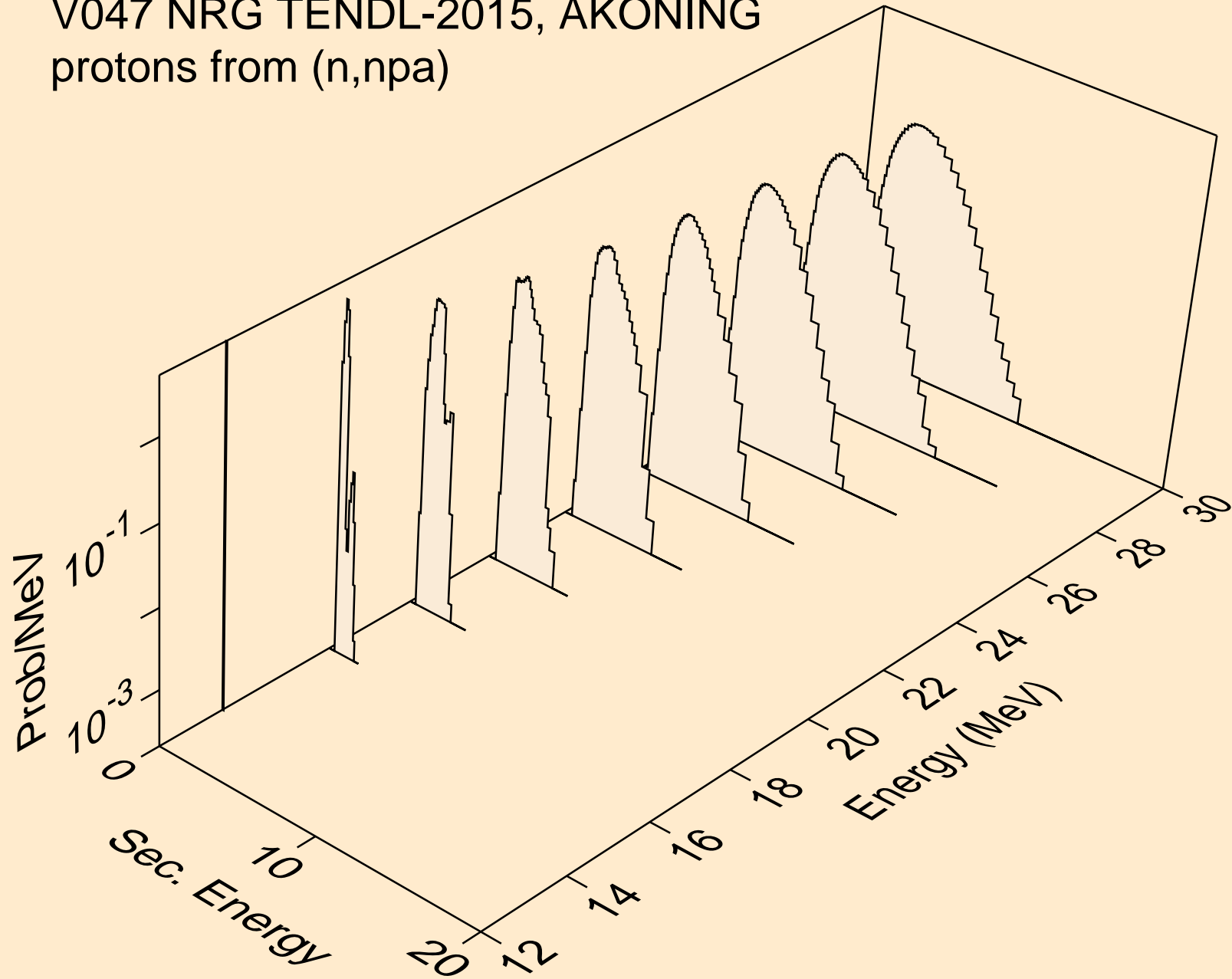
V047 NRG TENDL-2015, AKONING  
protons from (n,3np)



V047 NRG TENDL-2015, AKONING  
protons from (n,2np)

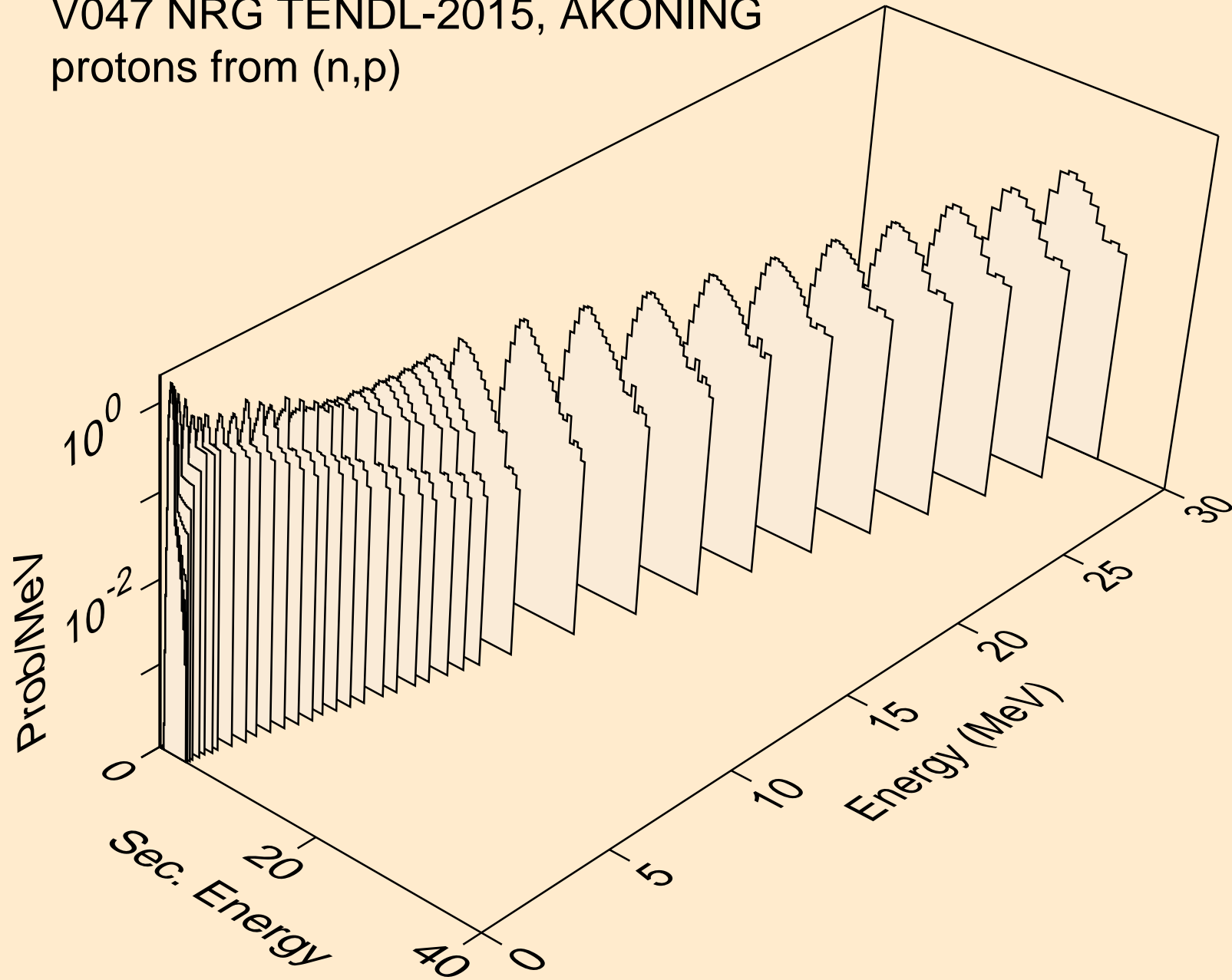


V047 NRG TENDL-2015, AKONING  
protons from (n,npa)

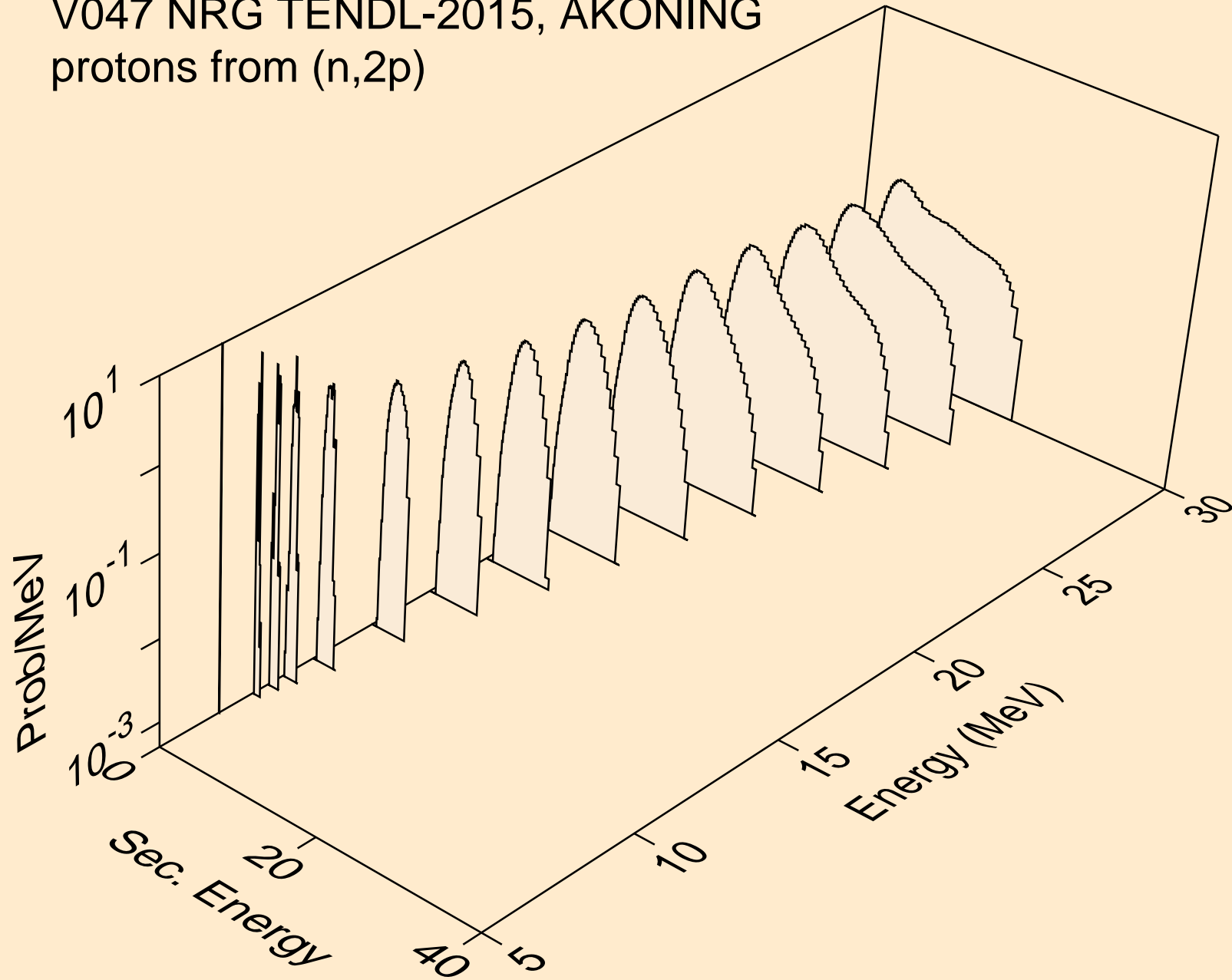




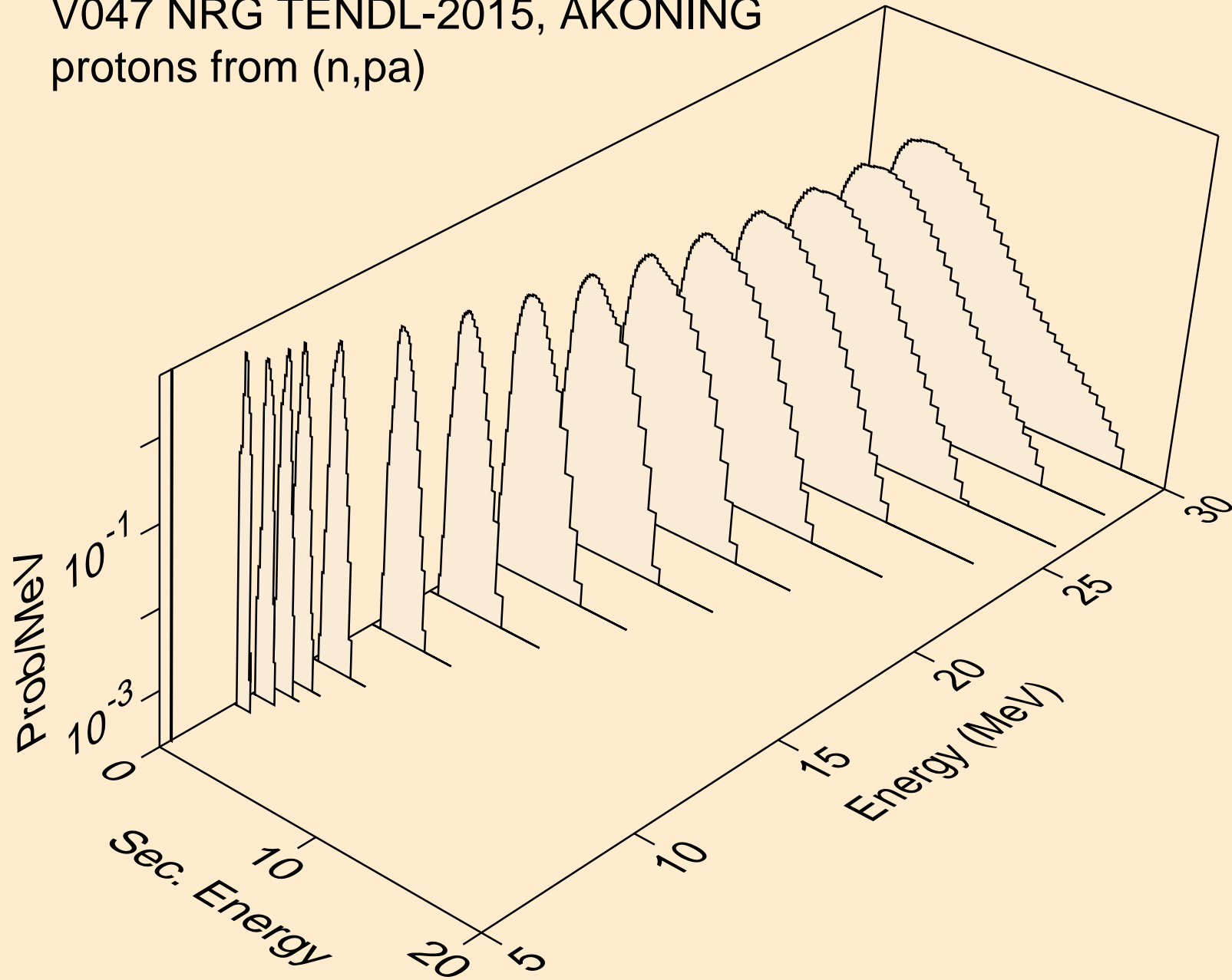
V047 NRG TENDL-2015, AKONING  
protons from (n,p)



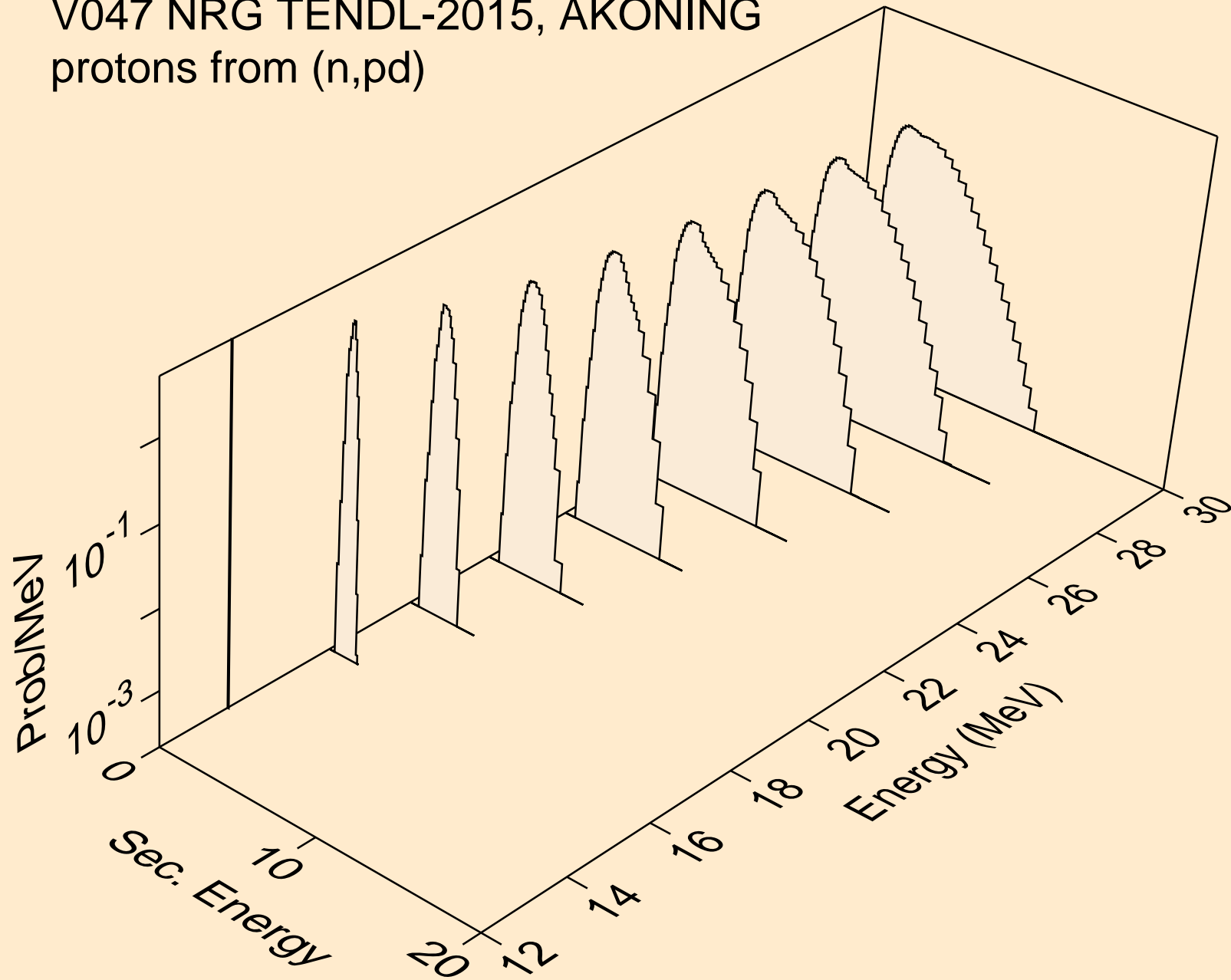
V047 NRG TENDL-2015, AKONING  
protons from (n,2p)



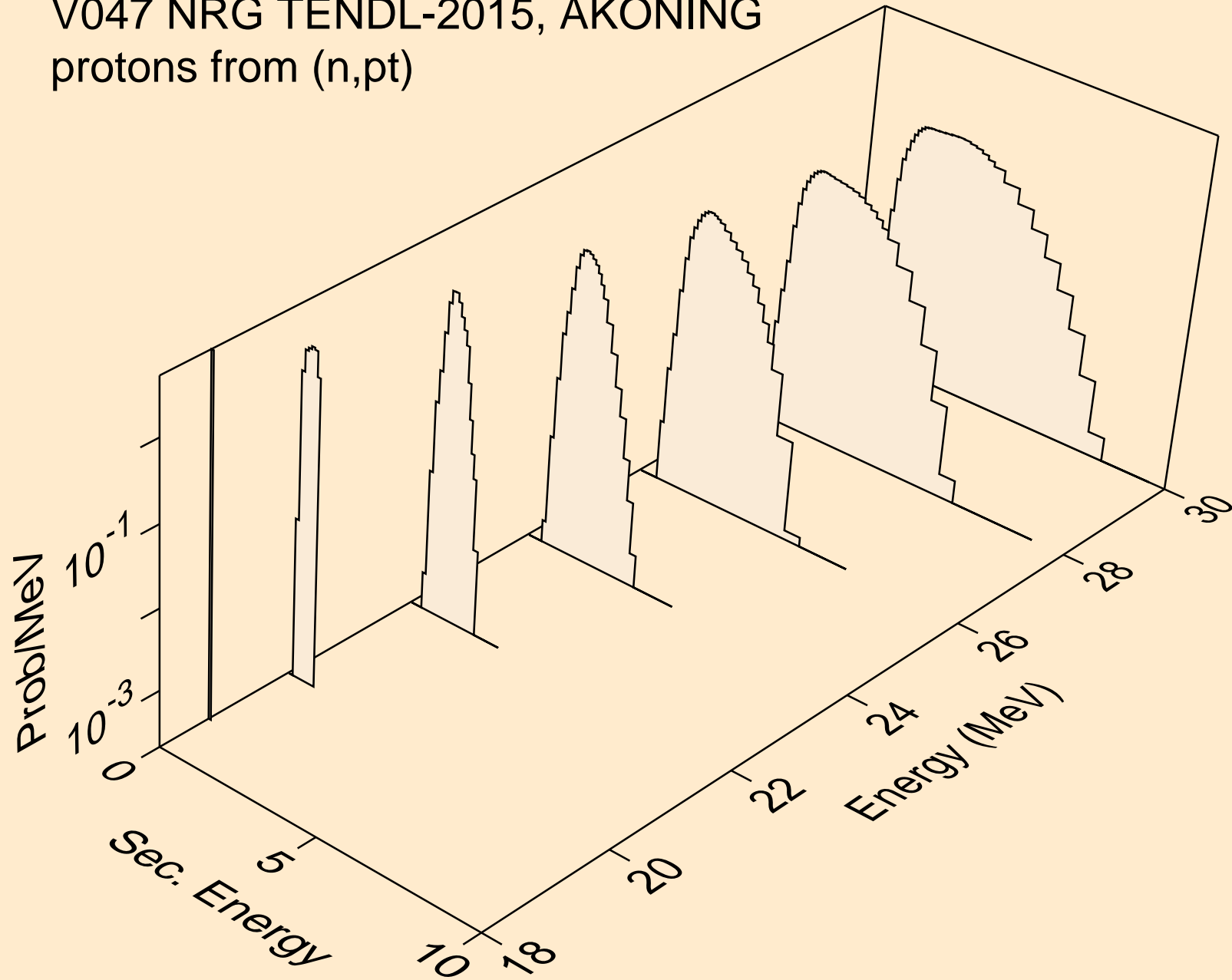
V047 NRG TENDL-2015, AKONING  
protons from (n,pa)



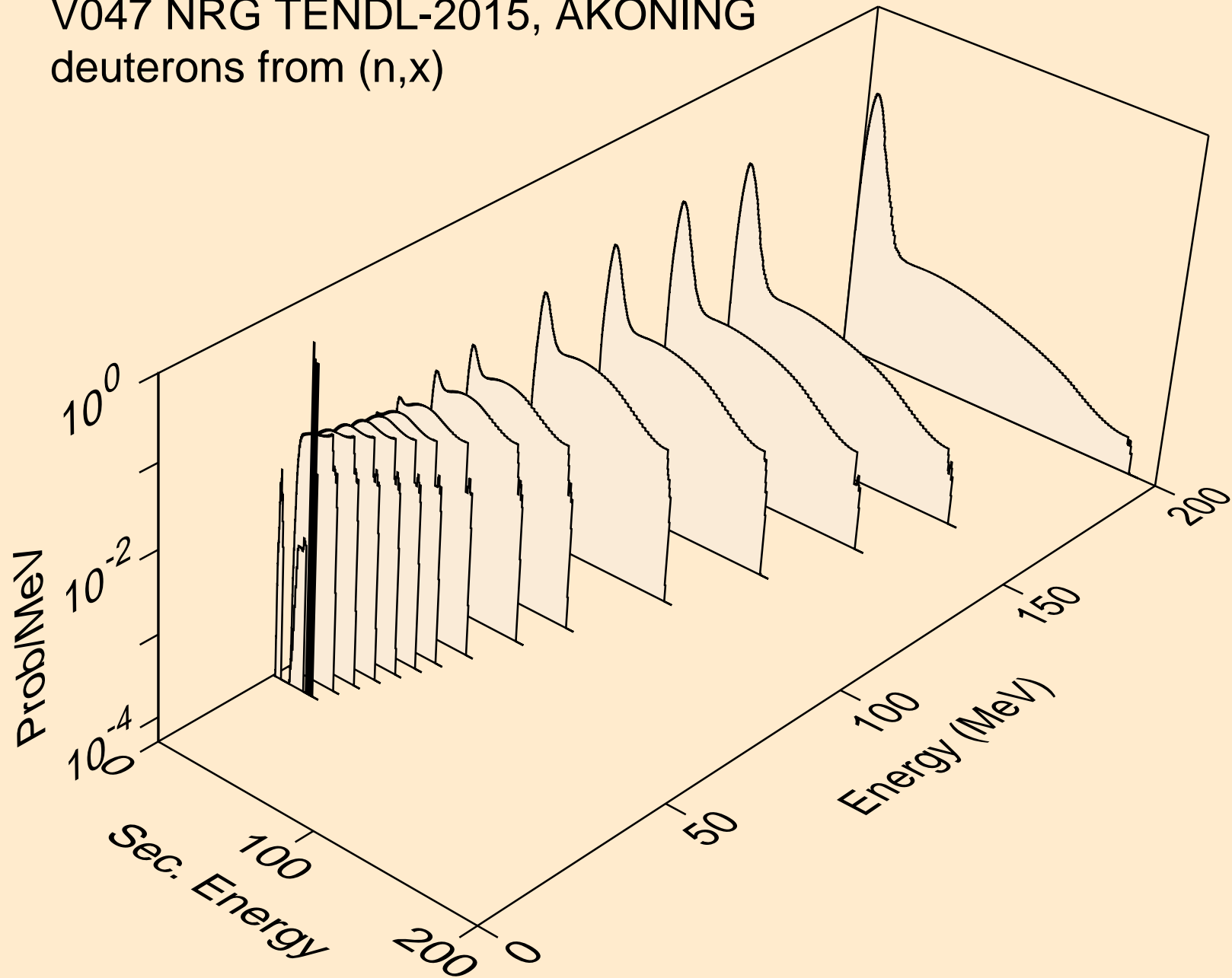
V047 NRG TENDL-2015, AKONING  
protons from (n,pd)



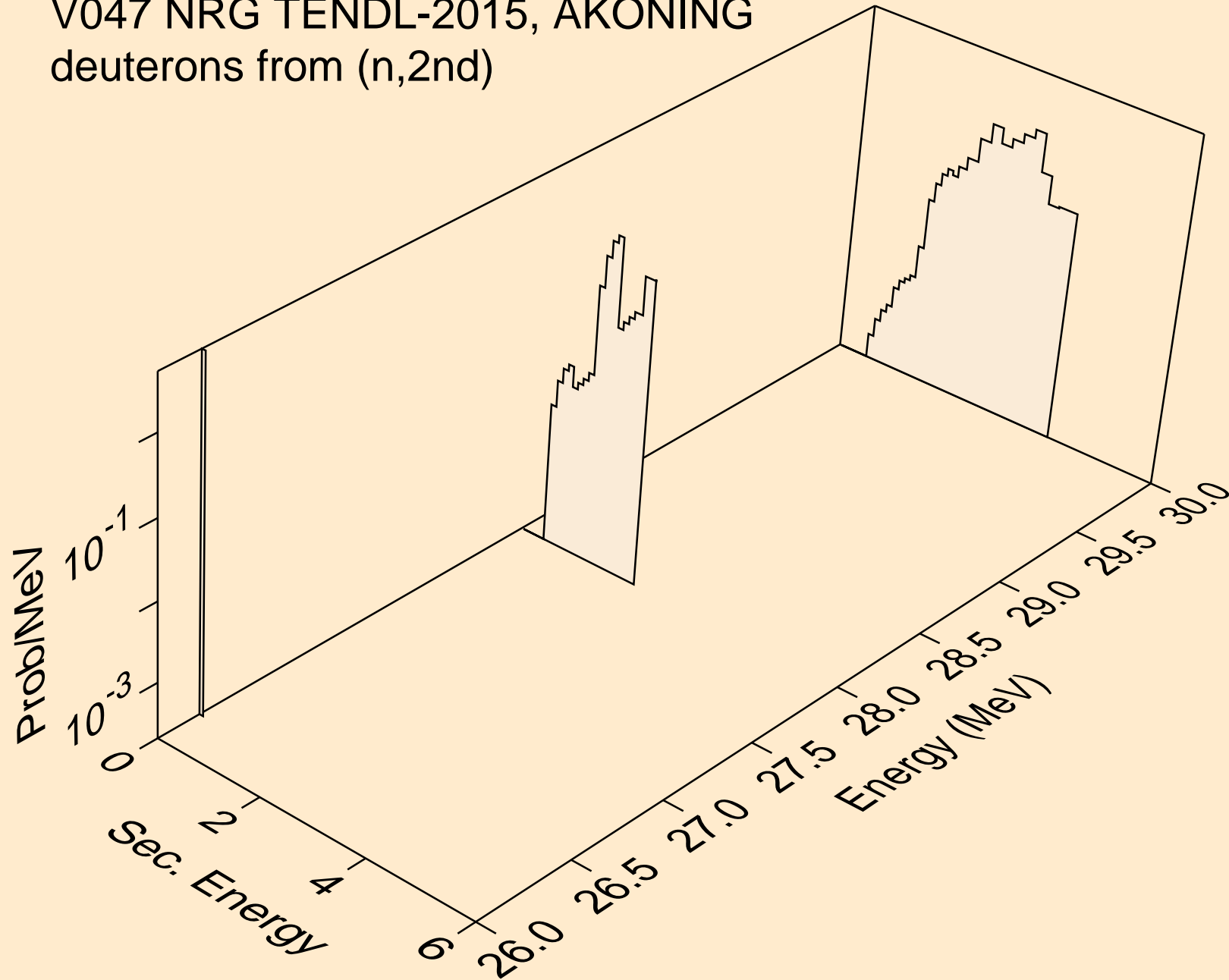
V047 NRG TENDL-2015, AKONING  
protons from (n,pt)



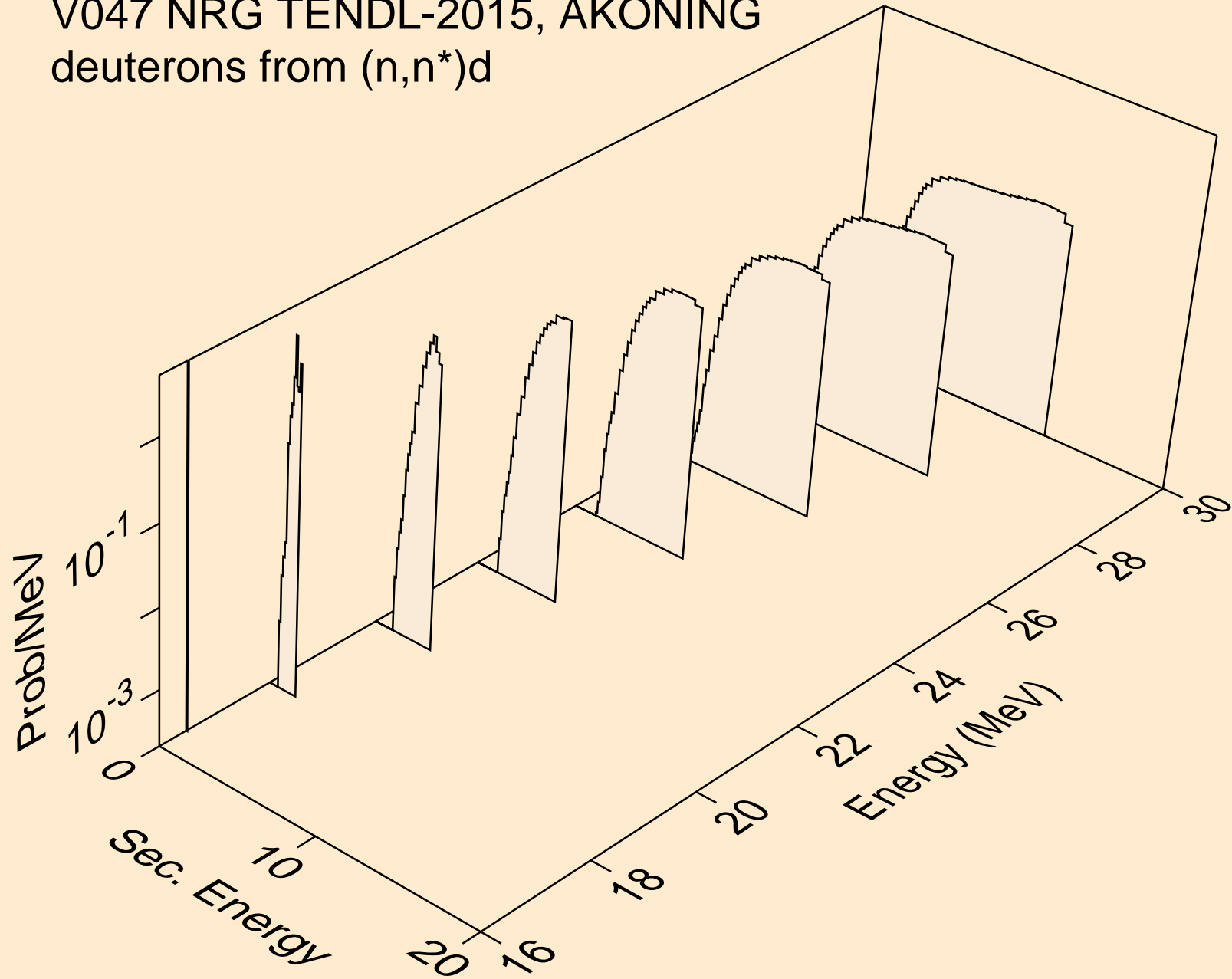
V047 NRG TENDL-2015, AKONING  
deuterons from (n,x)



V047 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

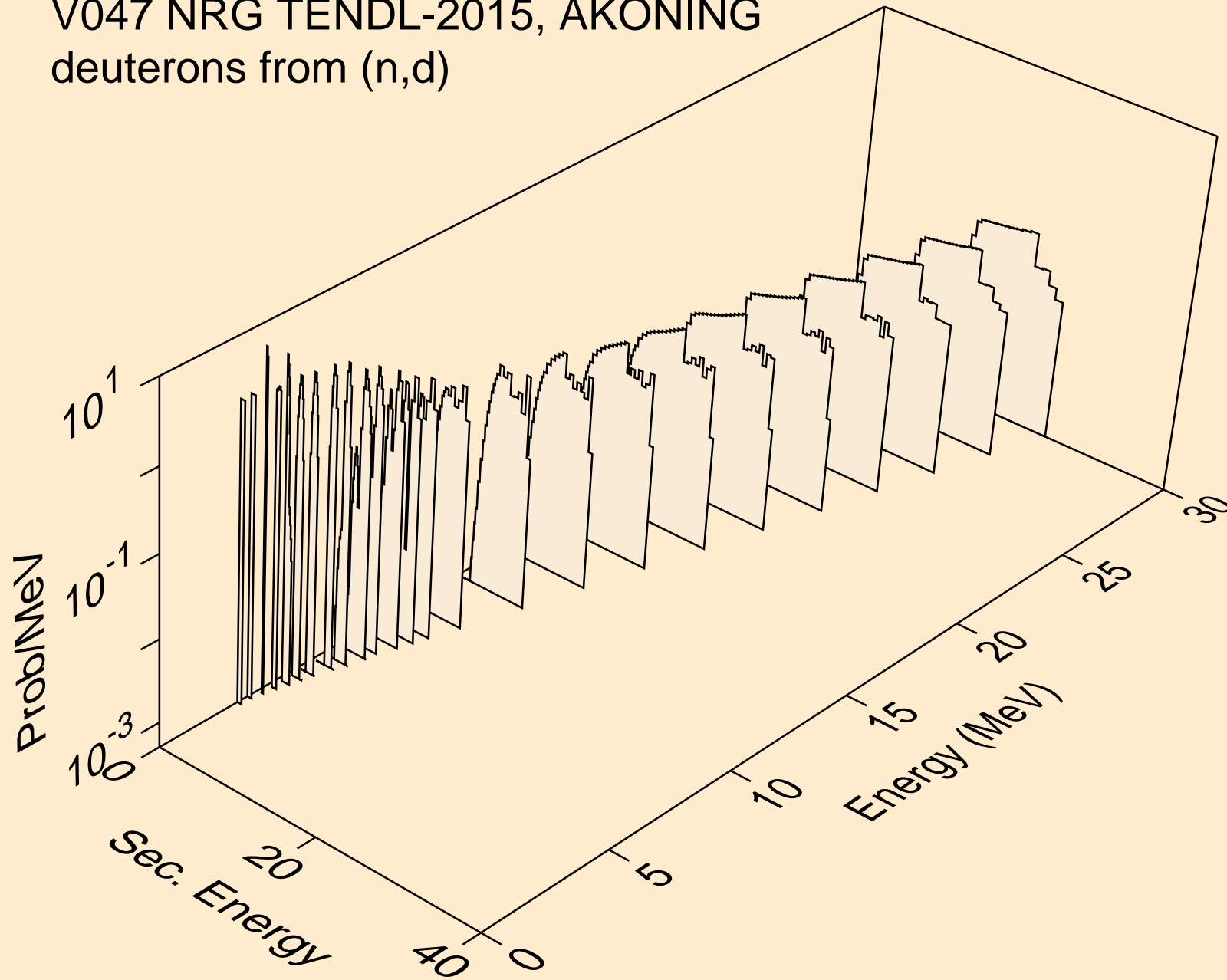


V047 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

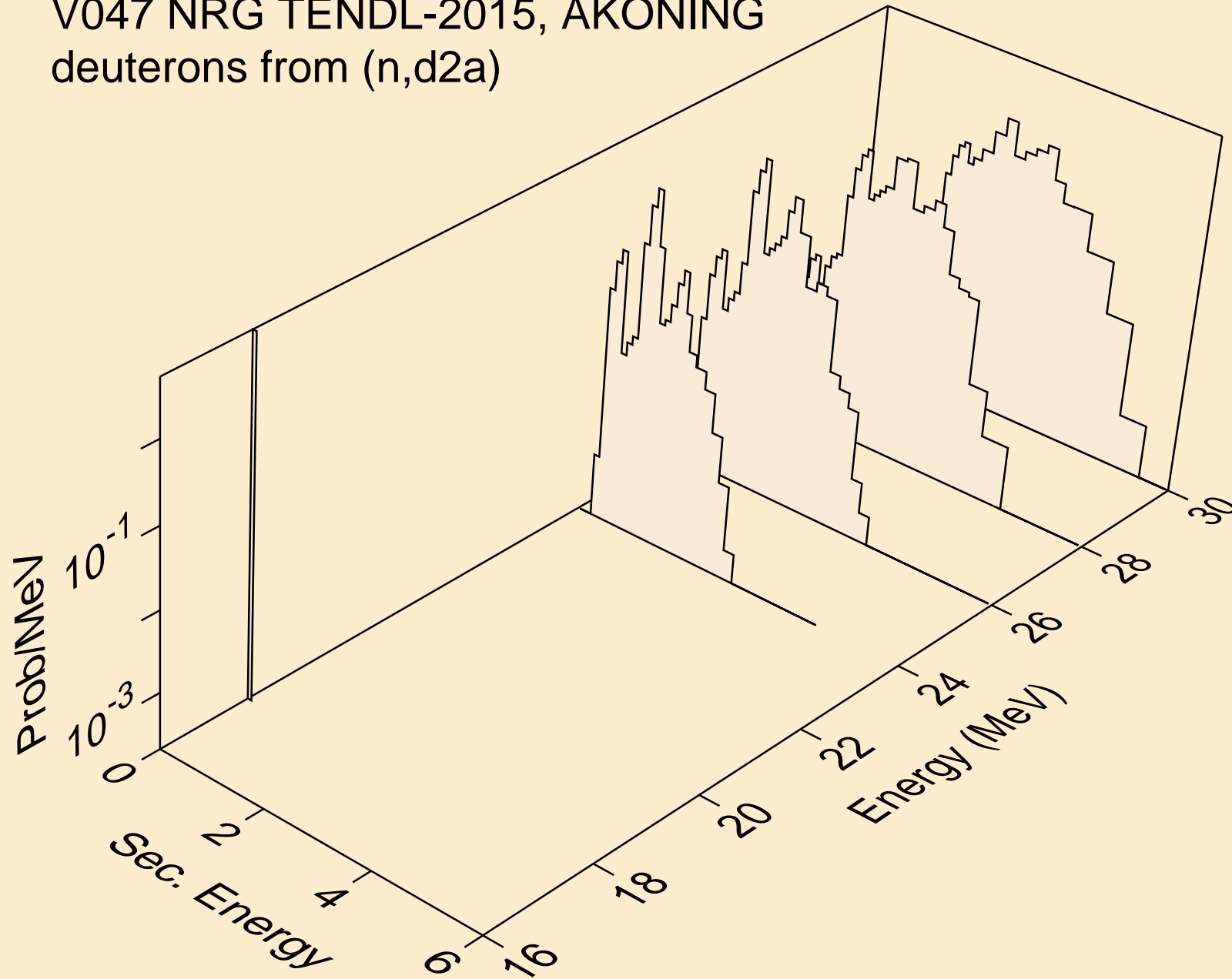




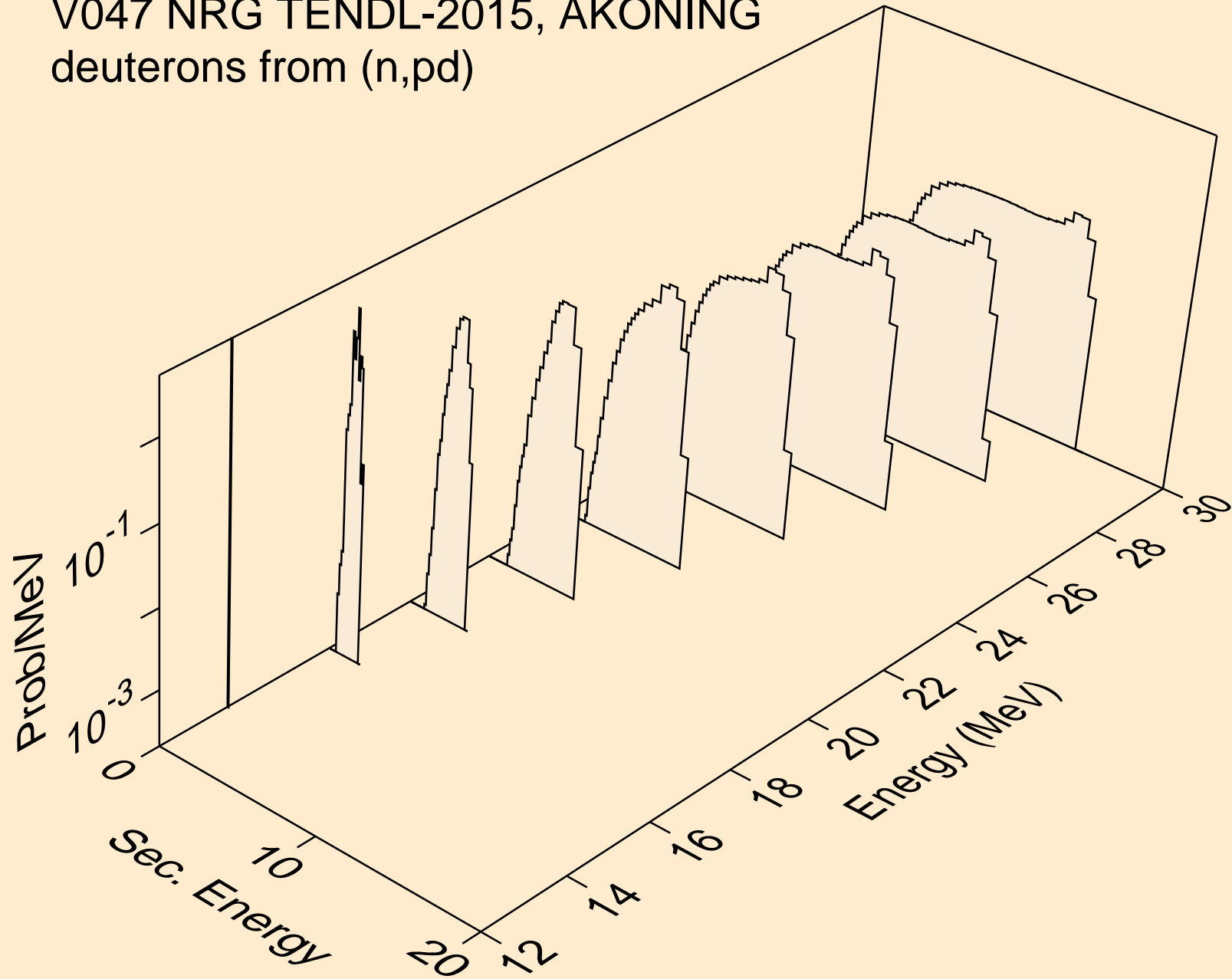
V047 NRG TENDL-2015, AKONING  
deuterons from (n,d)



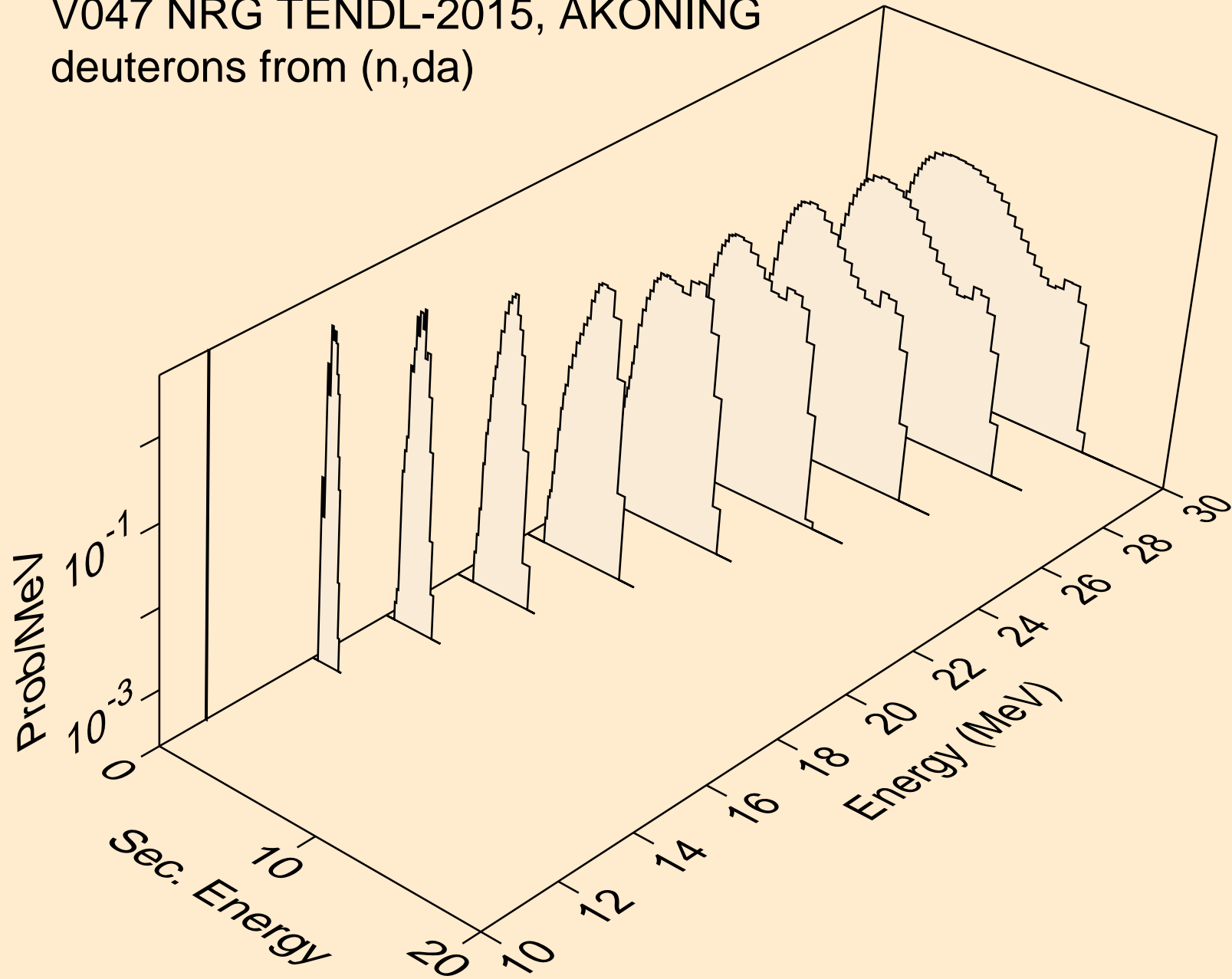
V047 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



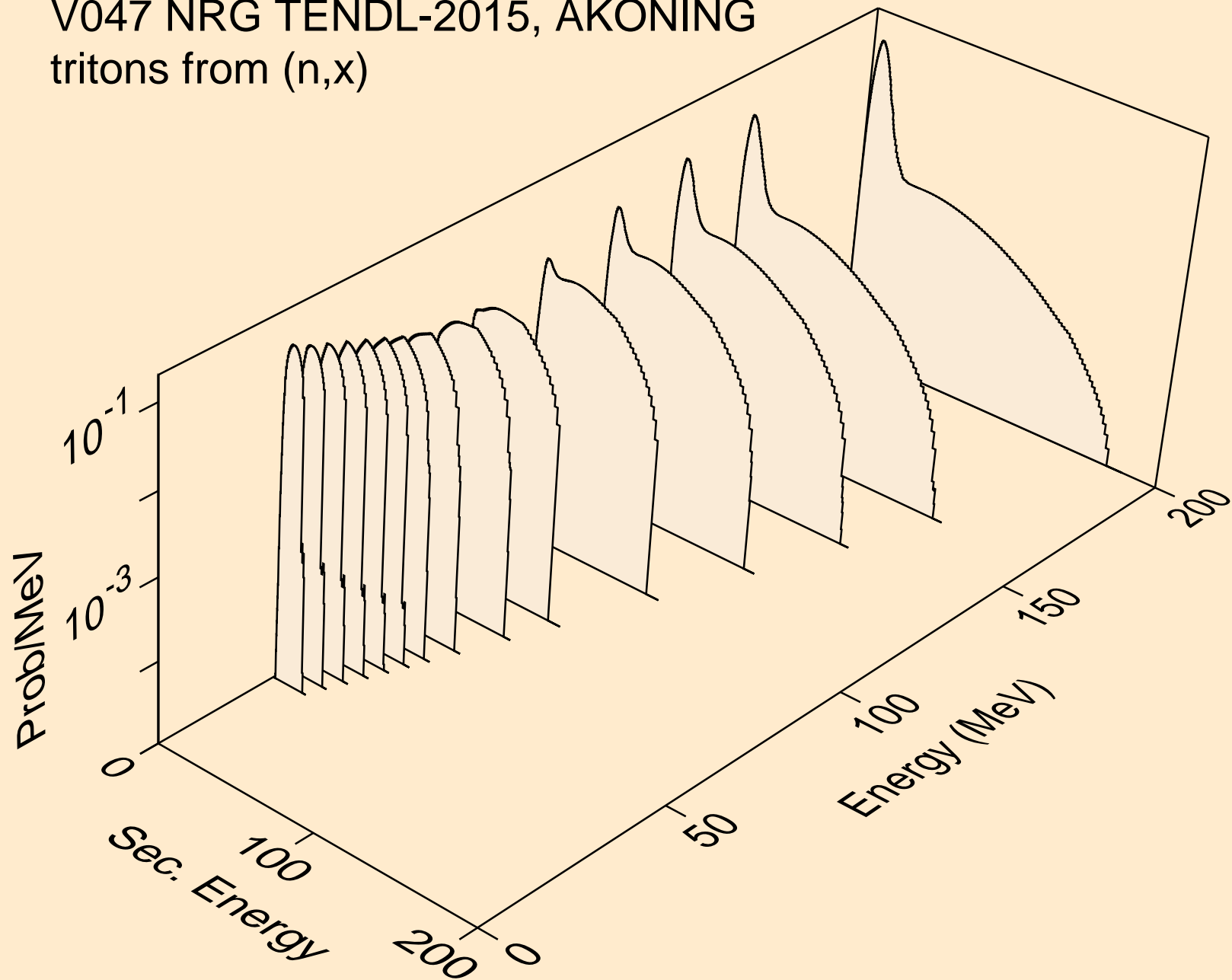
V047 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



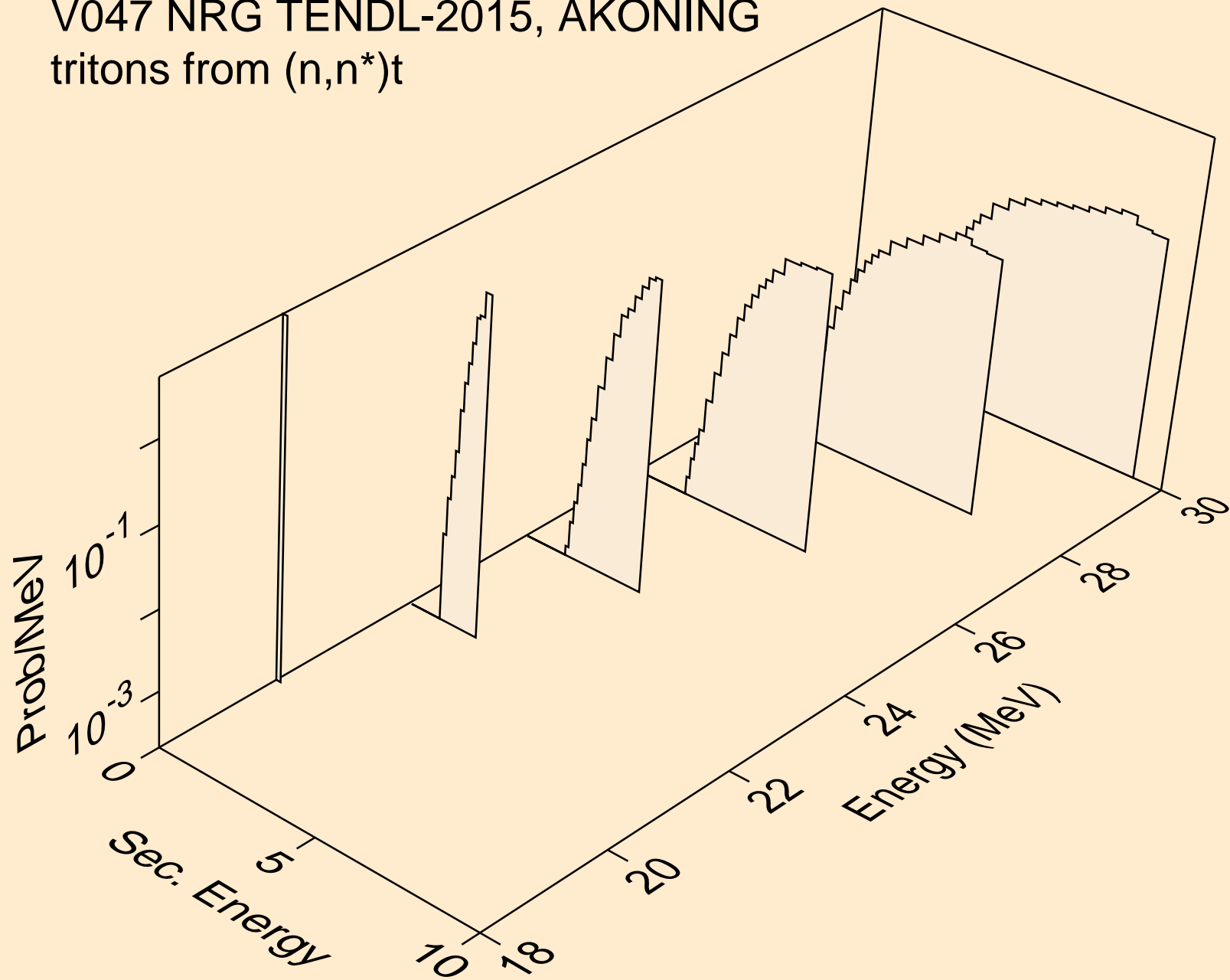
V047 NRG TENDL-2015, AKONING  
deuterons from (n,da)



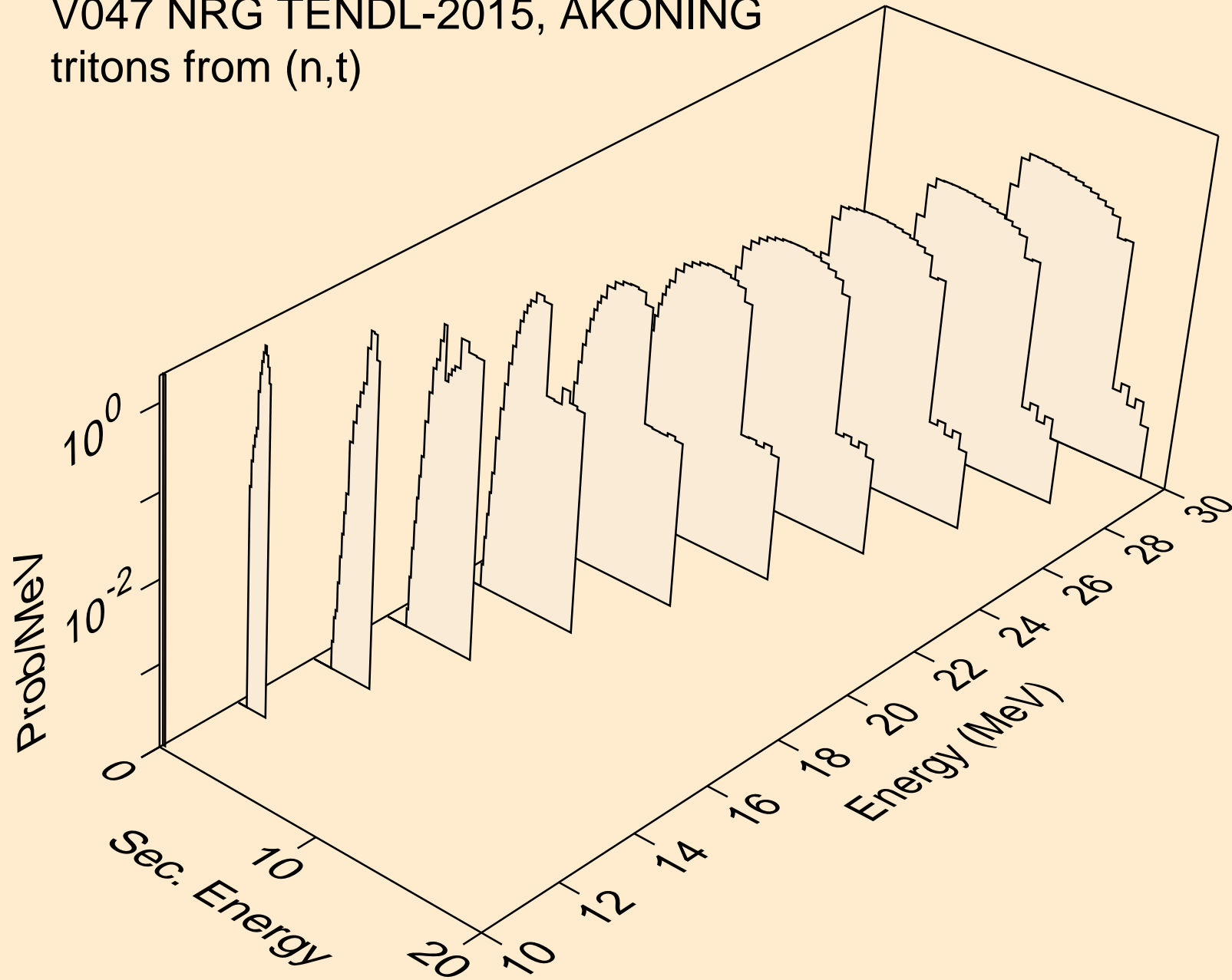
V047 NRG TENDL-2015, AKONING  
tritons from (n,x)



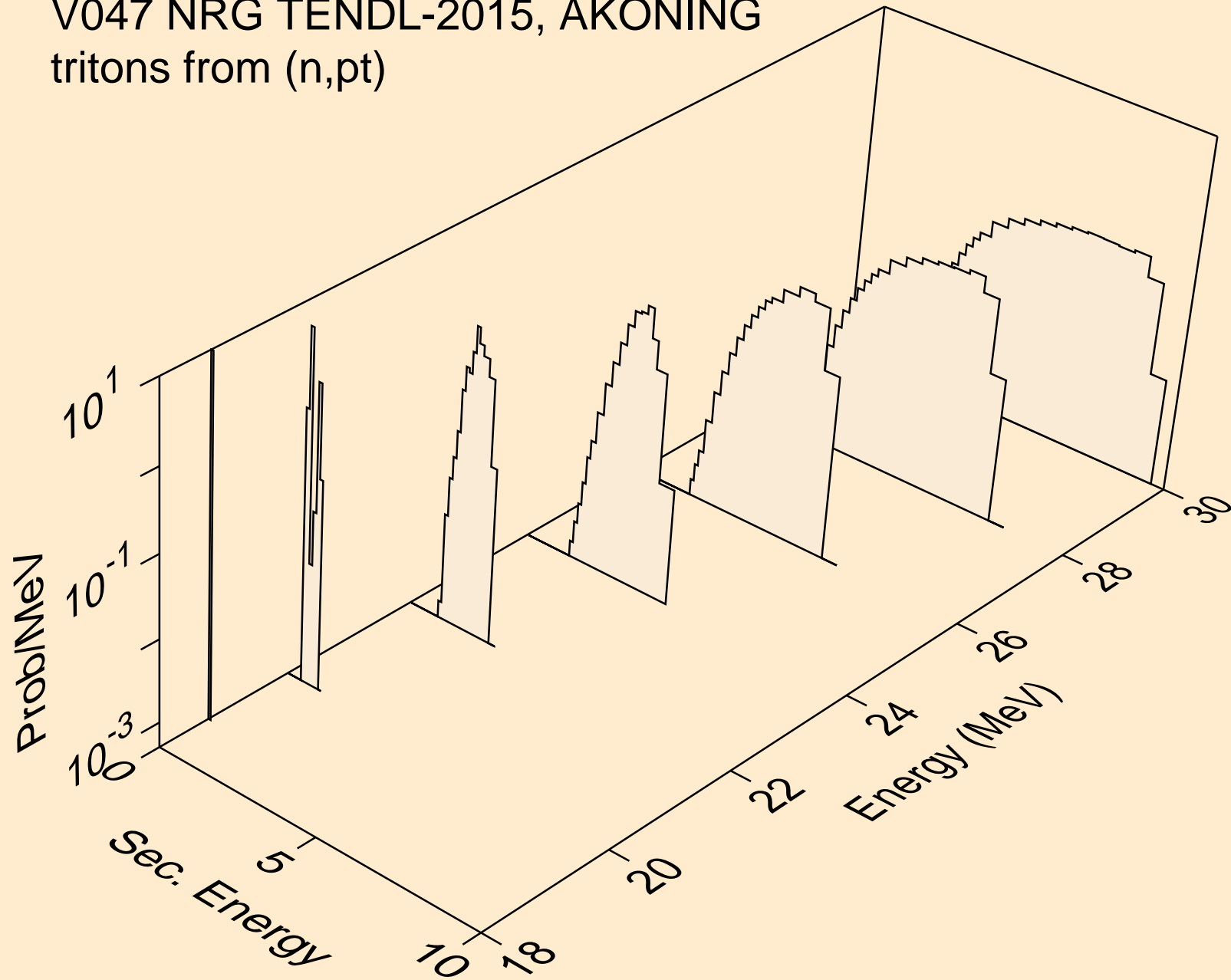
V047 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



V047 NRG TENDL-2015, AKONING  
tritons from (n,t)

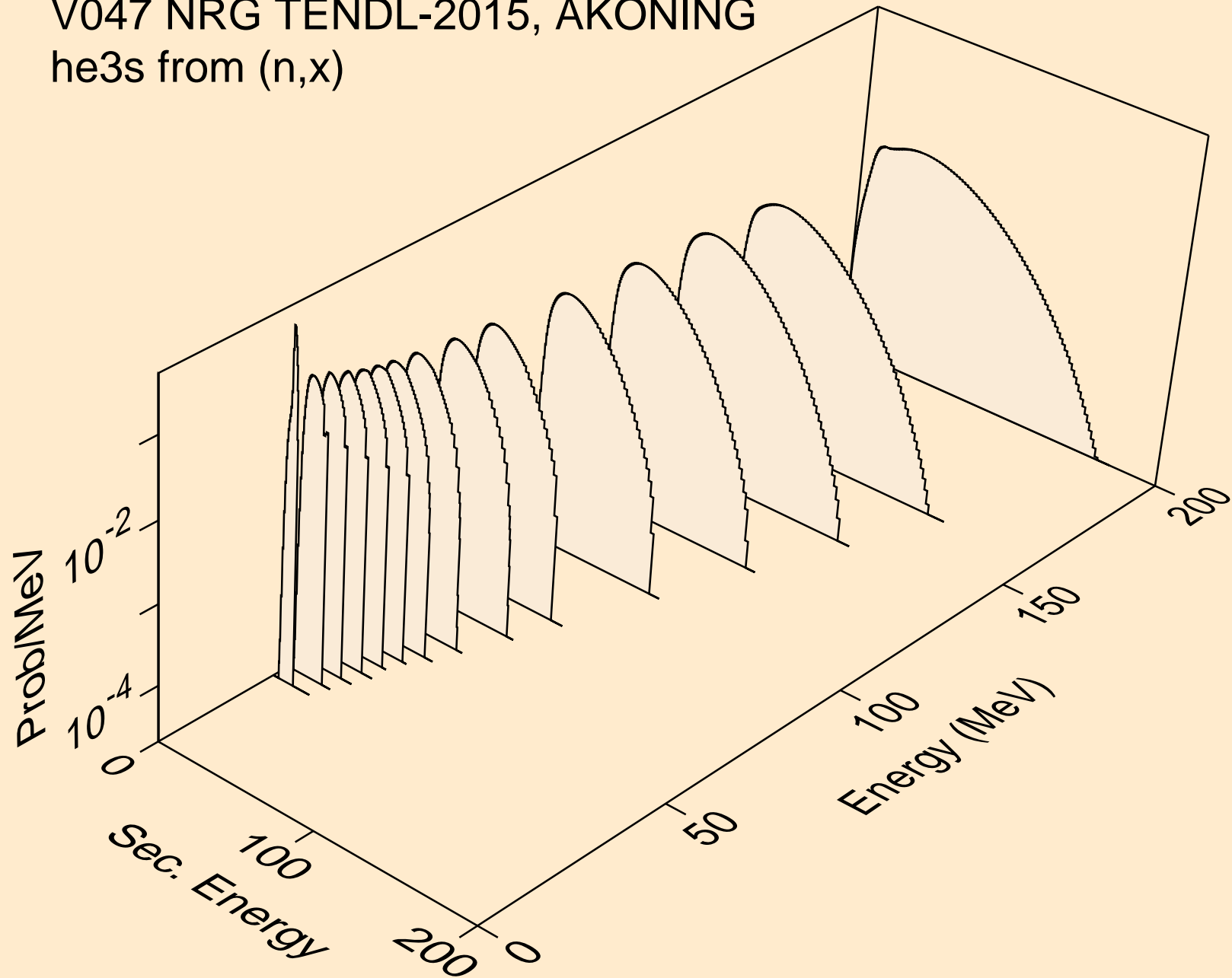


V047 NRG TENDL-2015, AKONING  
tritons from (n,pt)

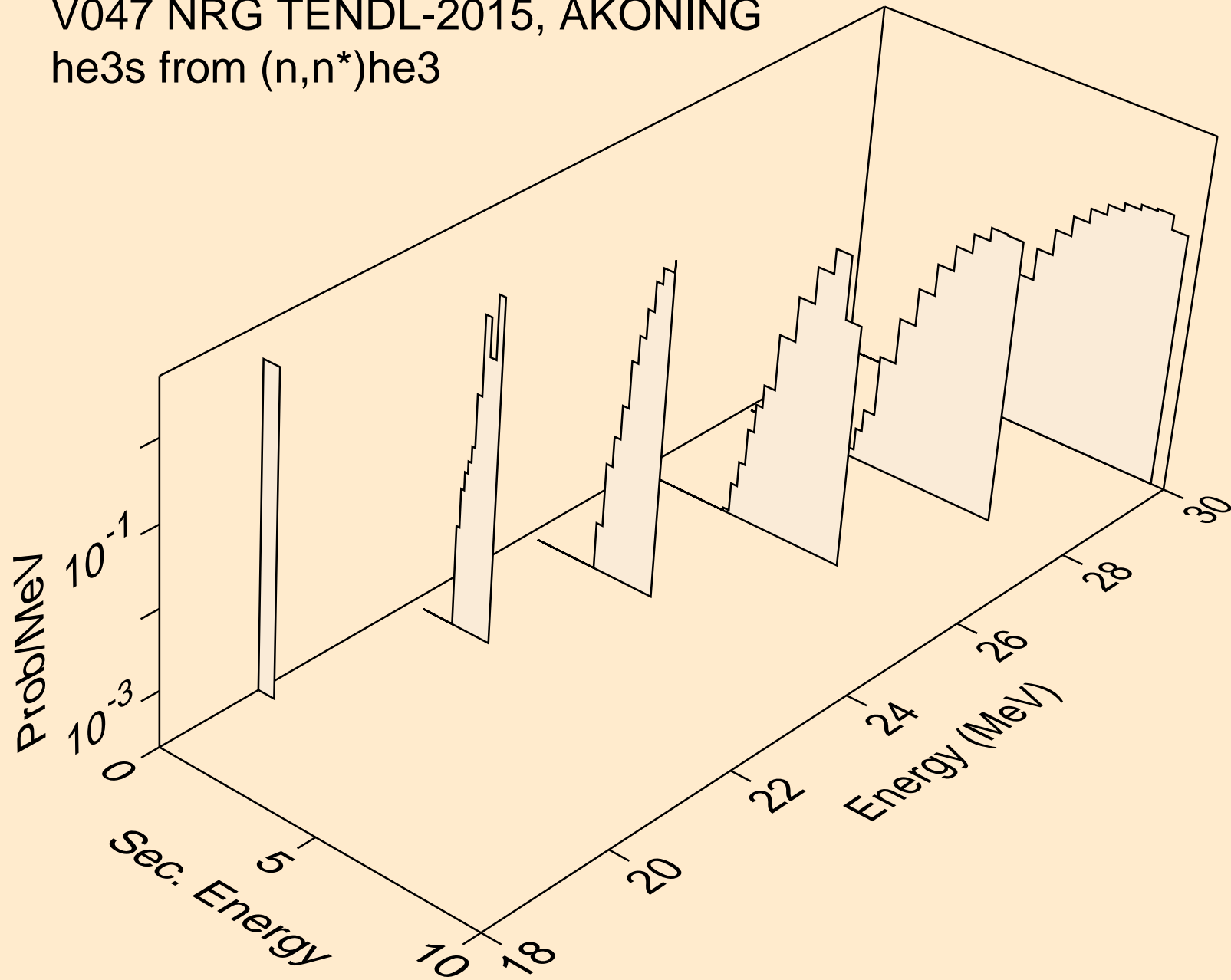




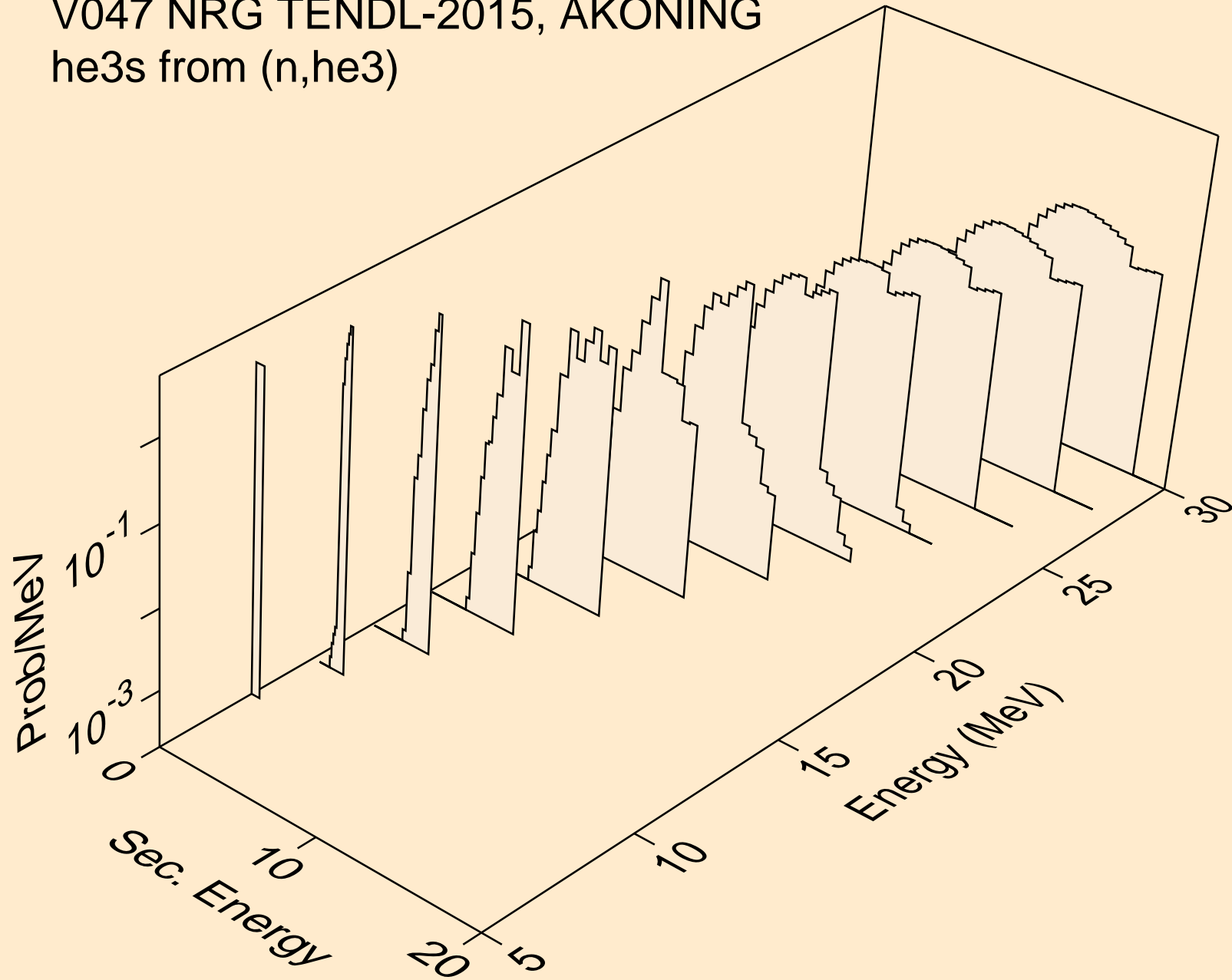
V047 NRG TENDL-2015, AKONING  
he3s from (n,x)



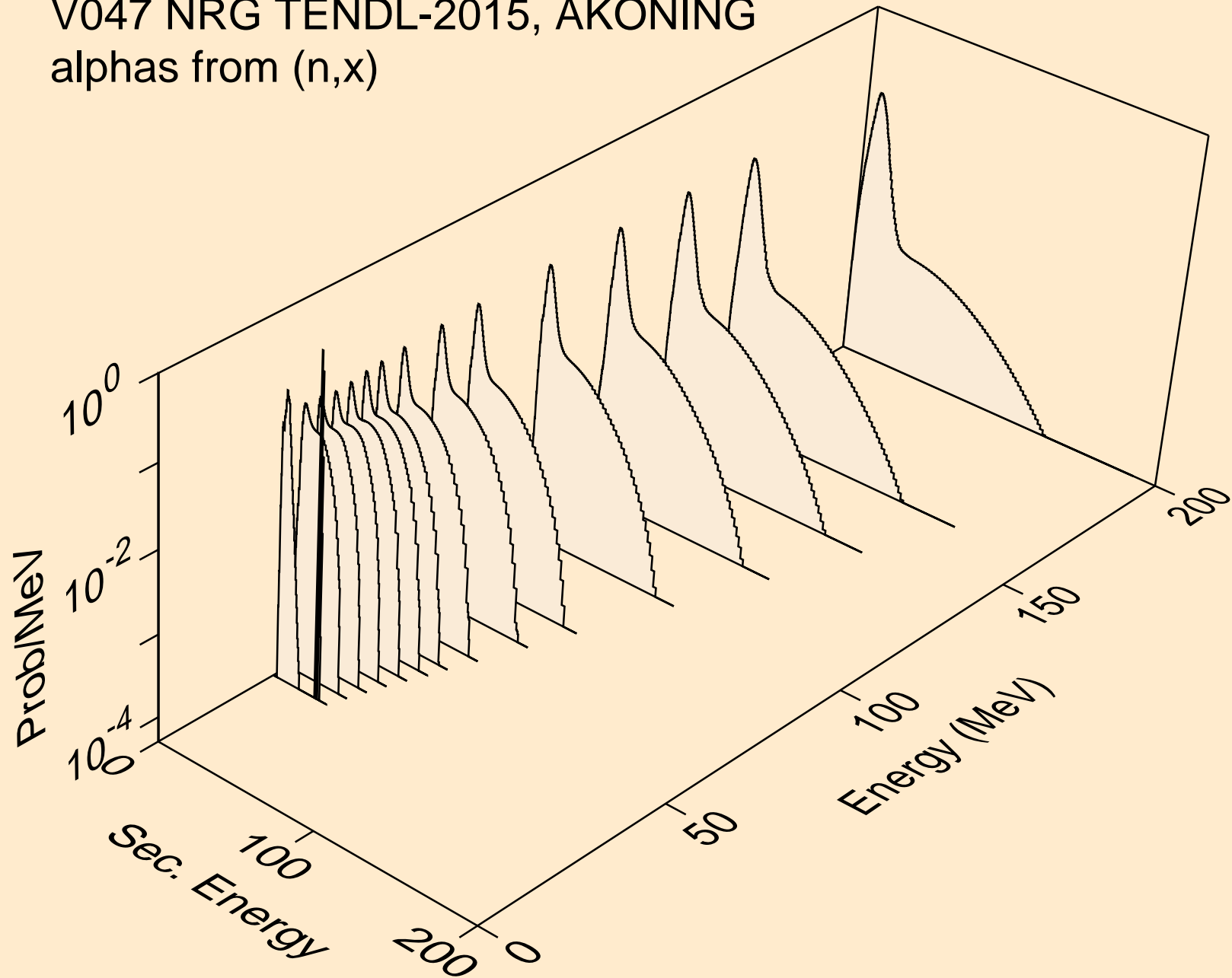
V047 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



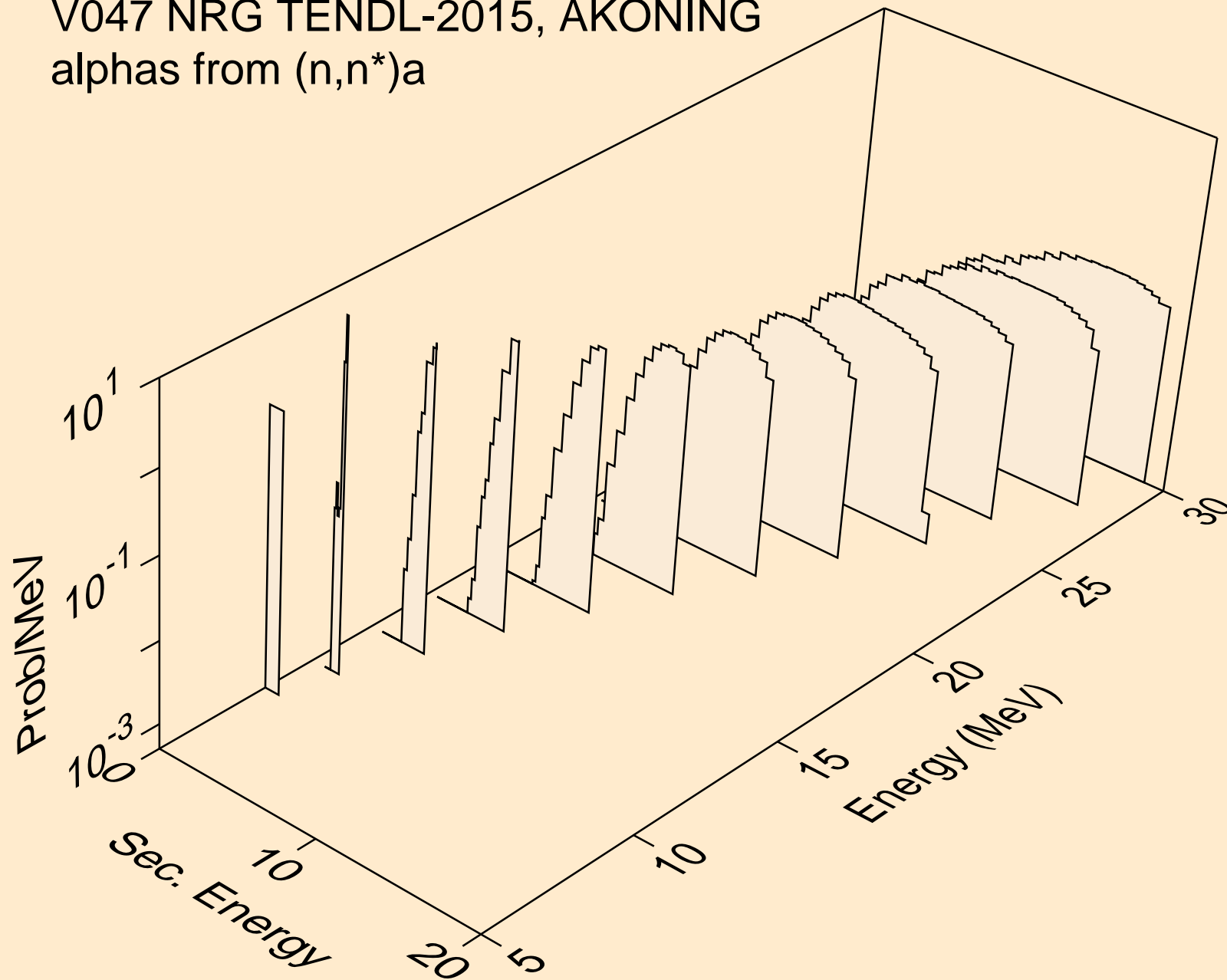
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he3s from (n,he3)



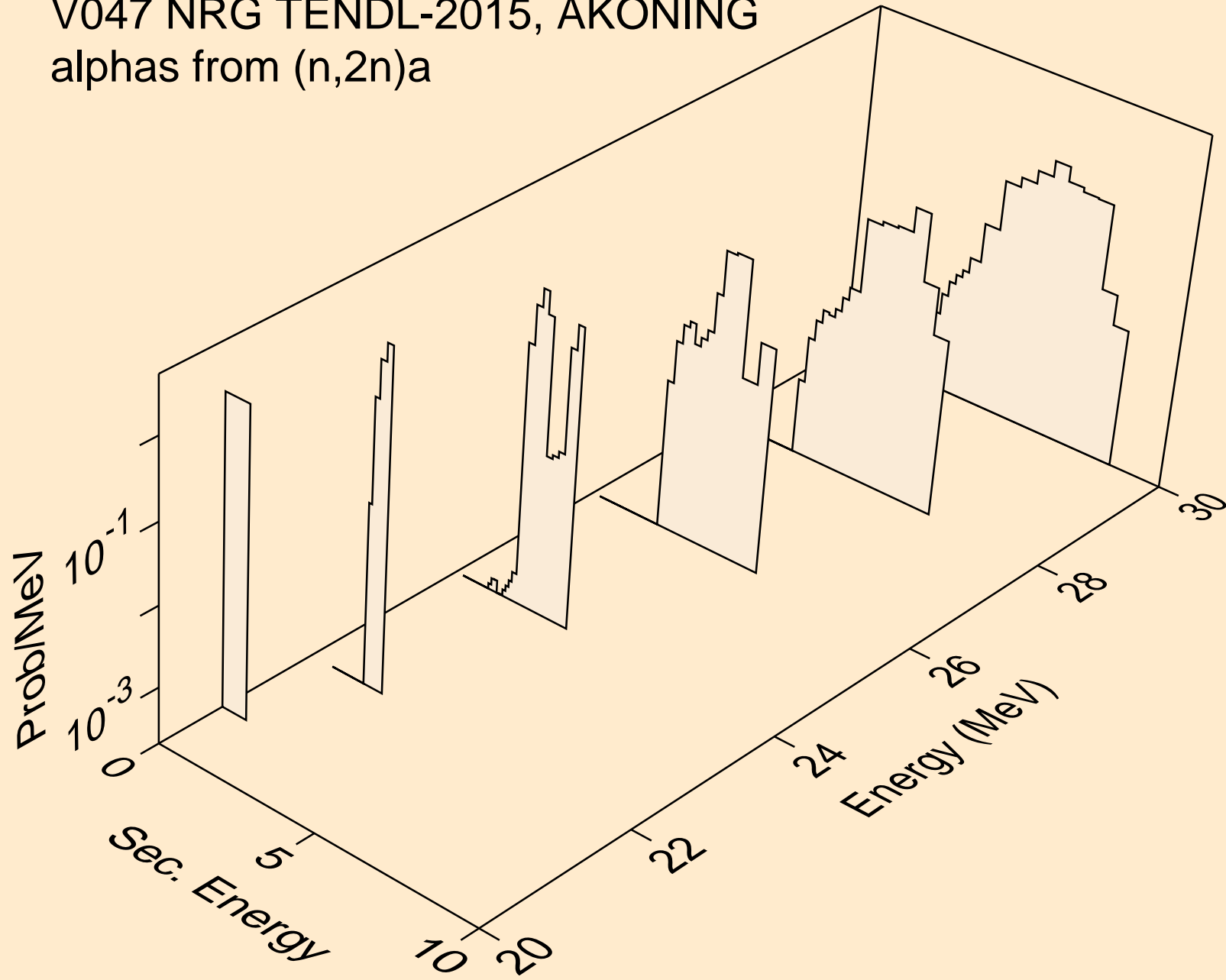
V047 NRG TENDL-2015, AKONING  
alphas from (n,x)



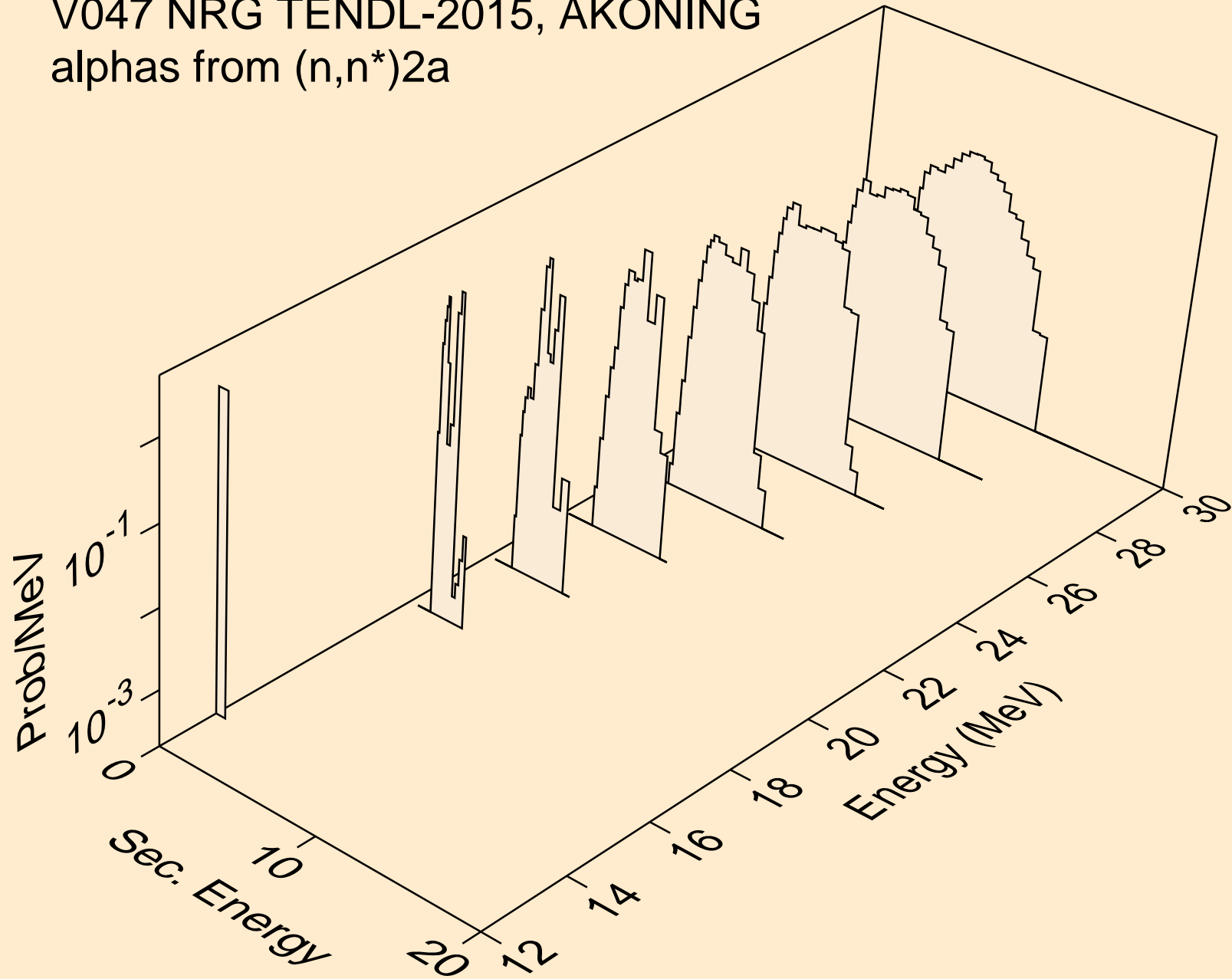
V047 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



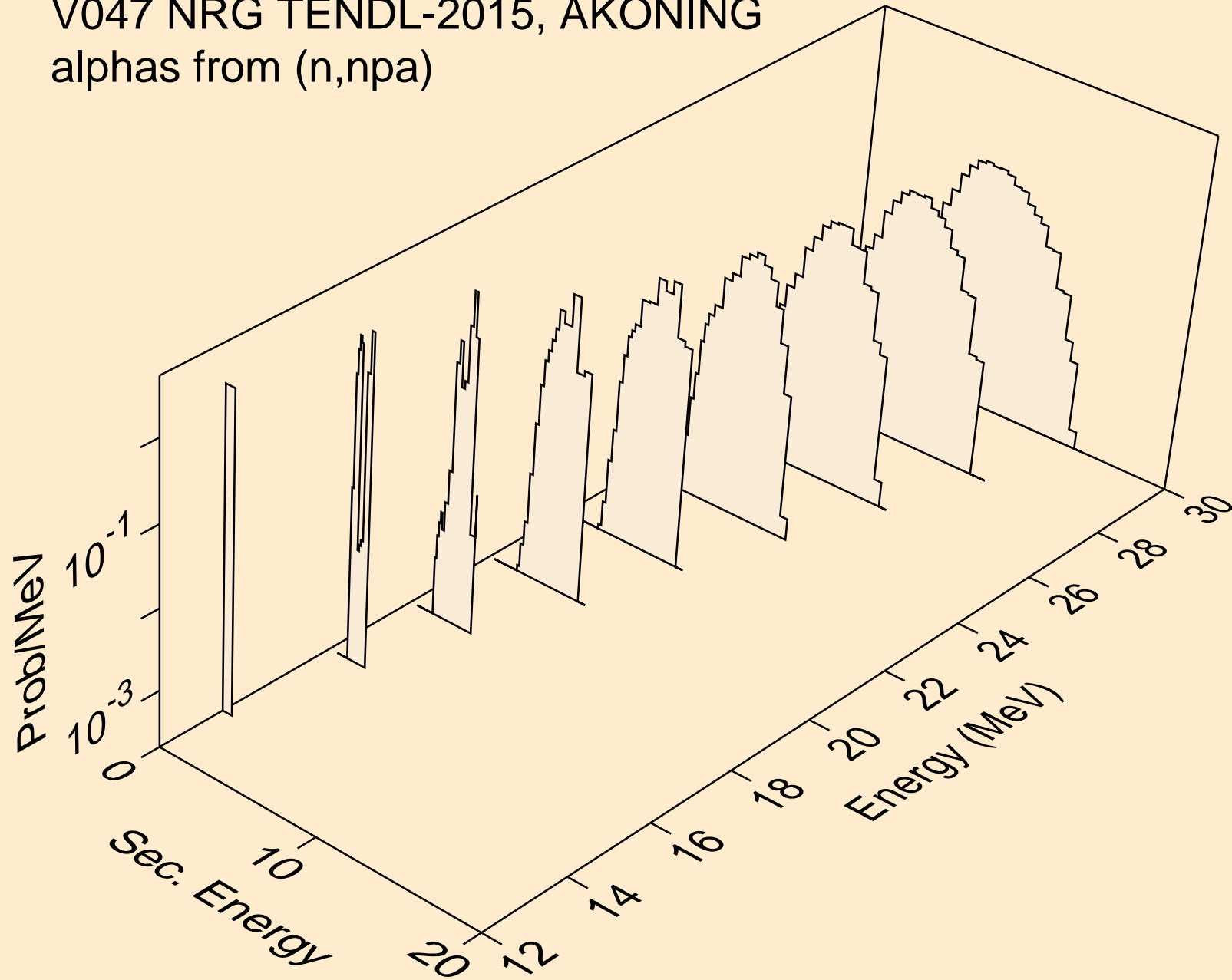
V047 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



V047 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

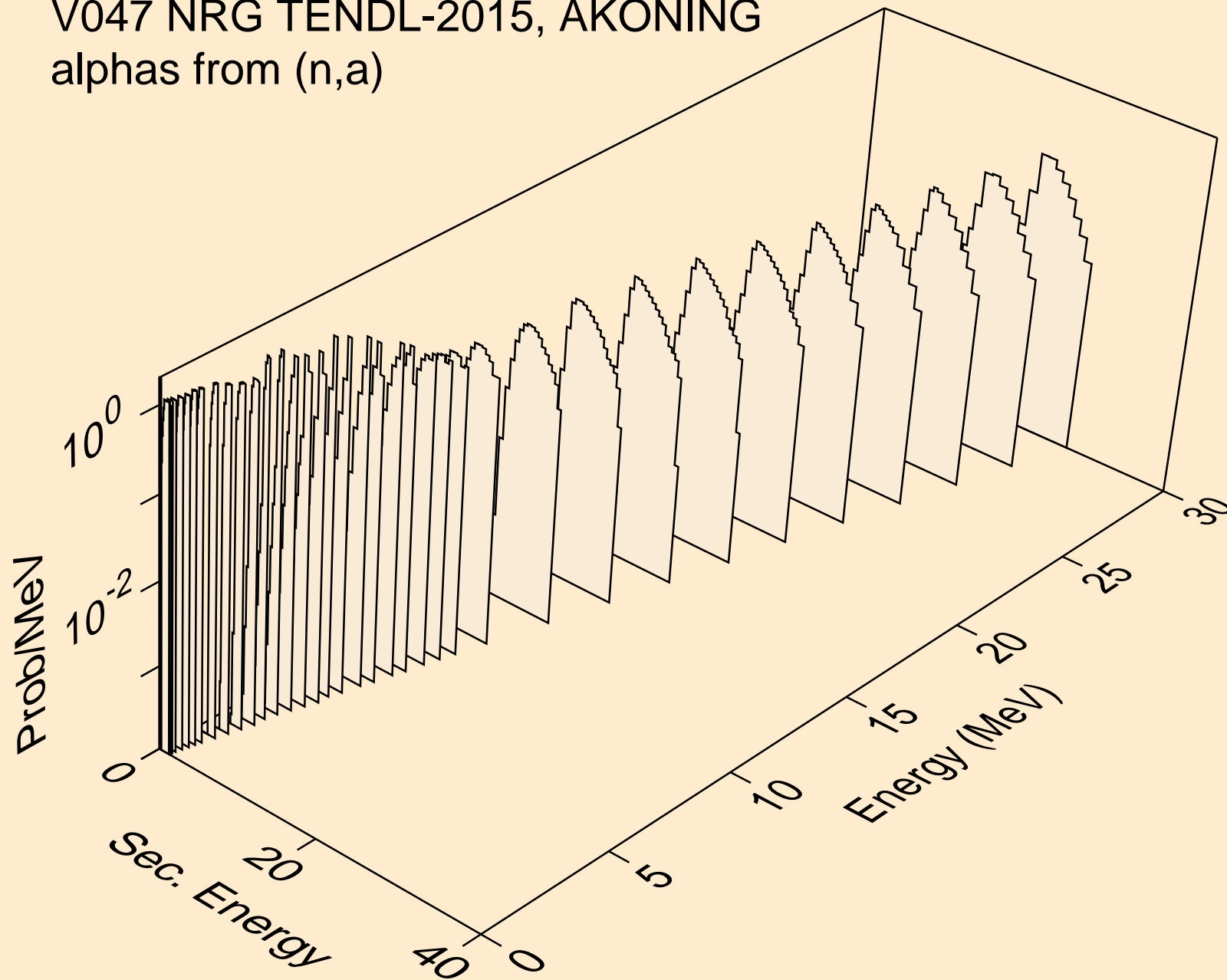


V047 NRG TENDL-2015, AKONING  
alphas from (n,npa)

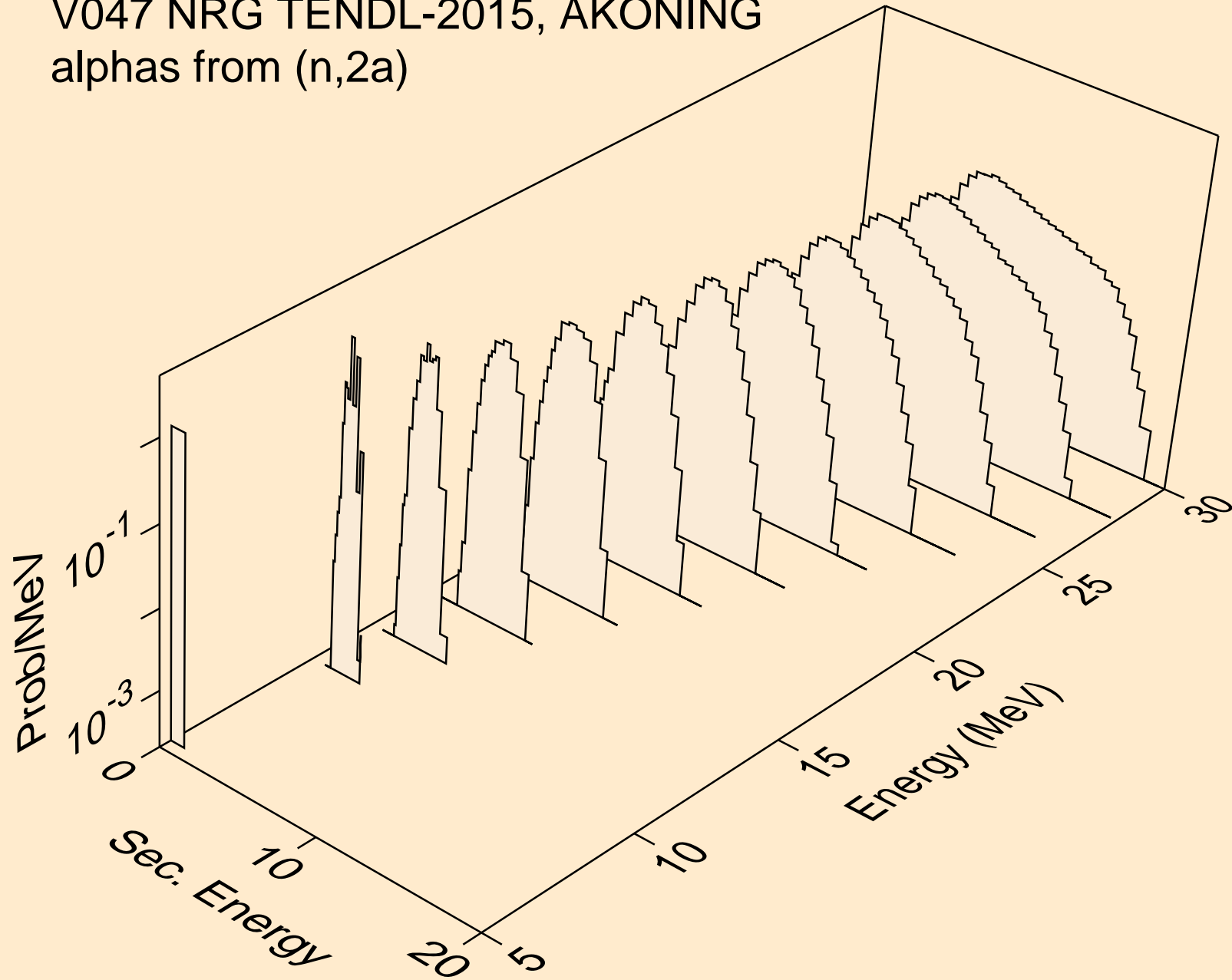




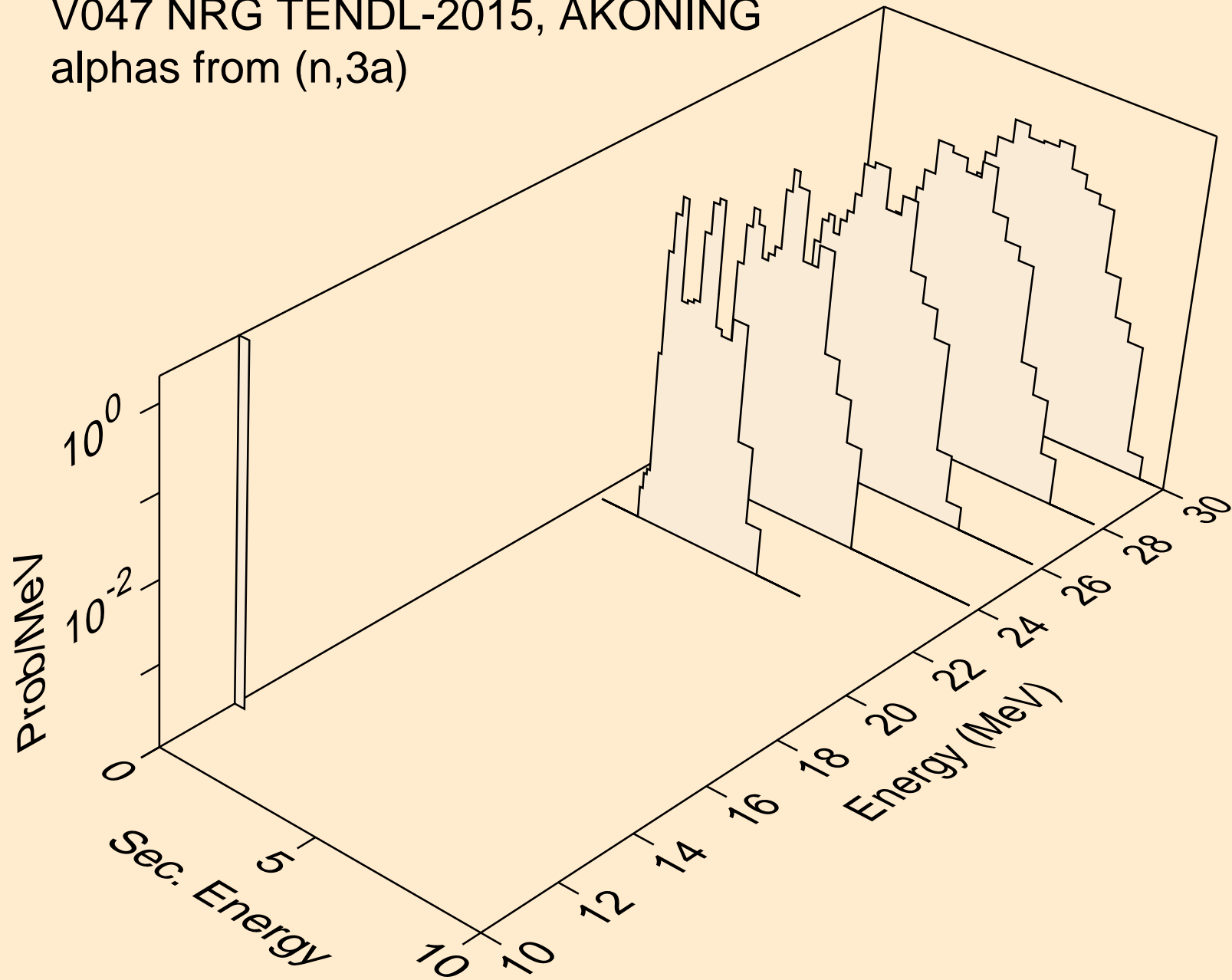
V047 NRG TENDL-2015, AKONING  
alphas from (n,a)



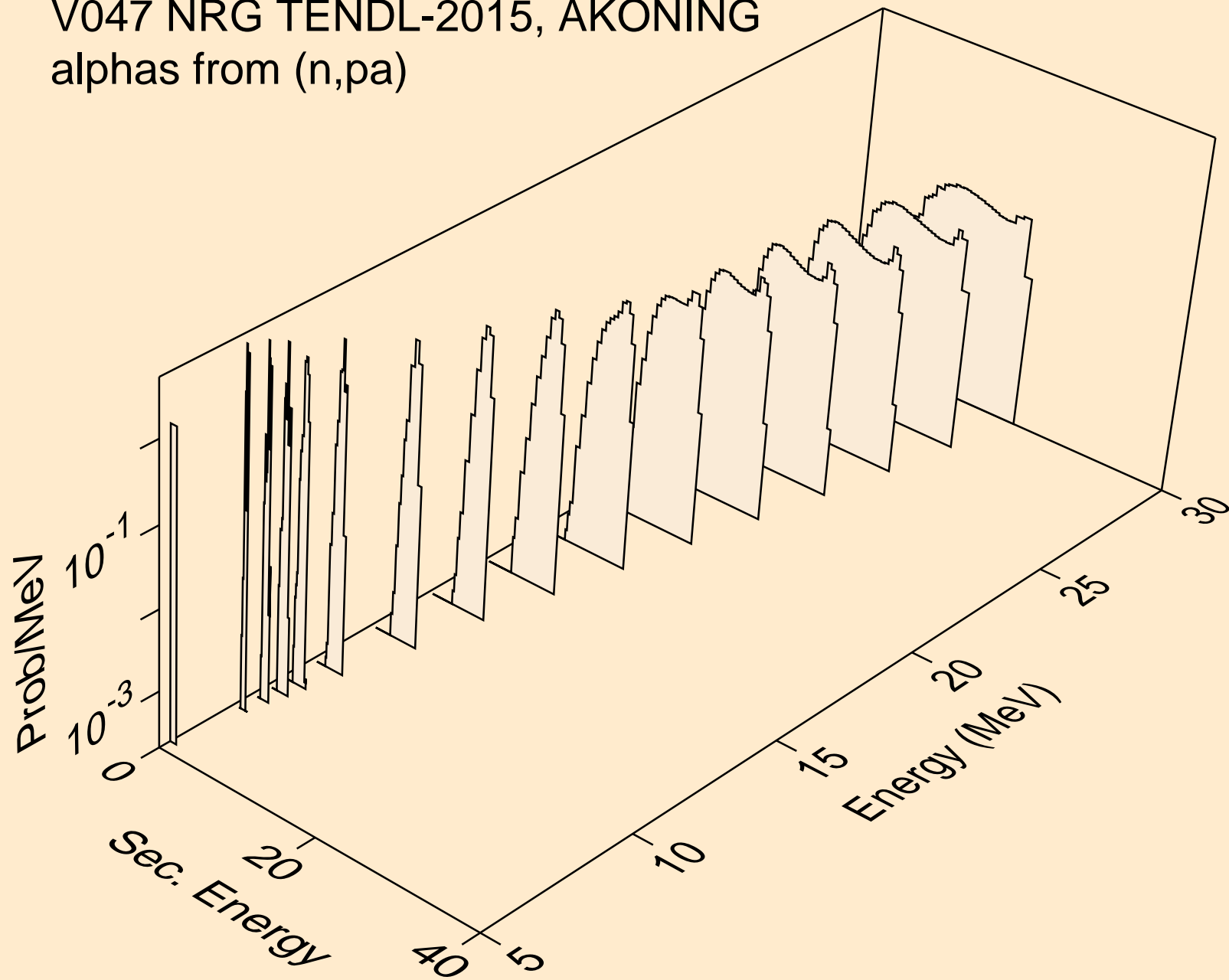
V047 NRG TENDL-2015, AKONING  
alphas from (n,2a)



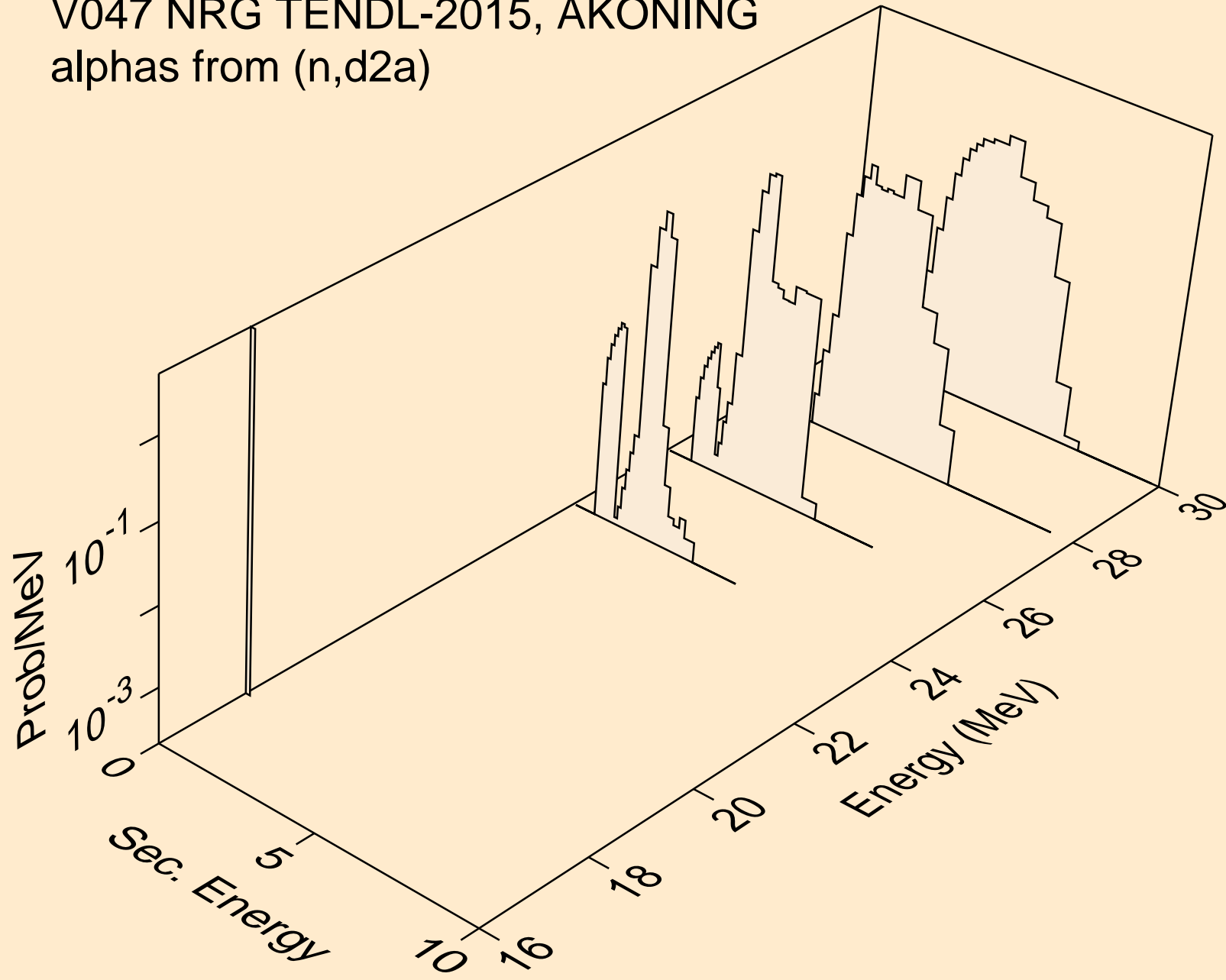
V047 NRG TENDL-2015, AKONING  
alphas from (n,3a)



V047 NRG TENDL-2015, AKONING  
alphas from (n,pa)



V047 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



V047 NRG TENDL-2015, AKONING  
alphas from (n,da)

