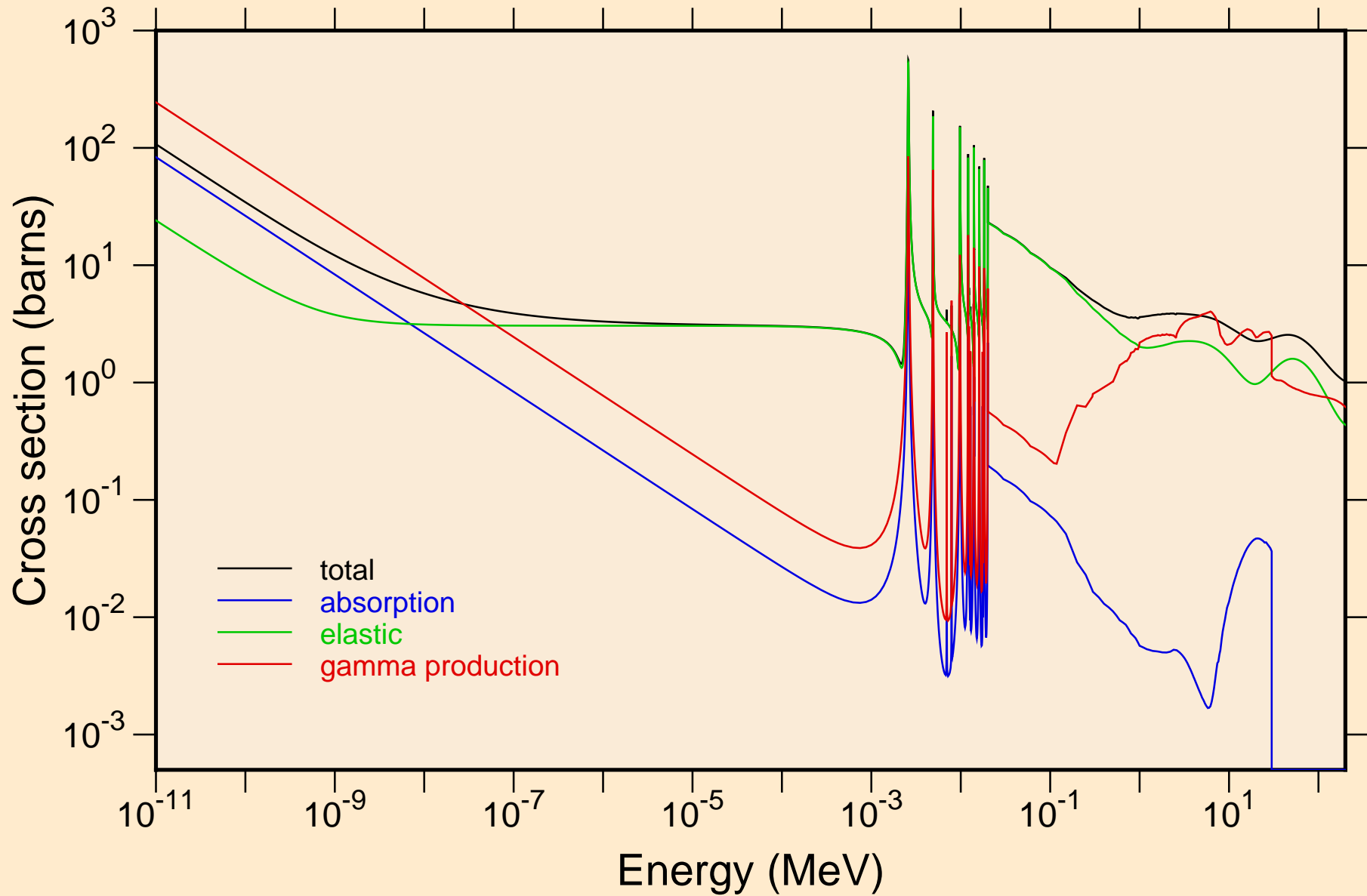
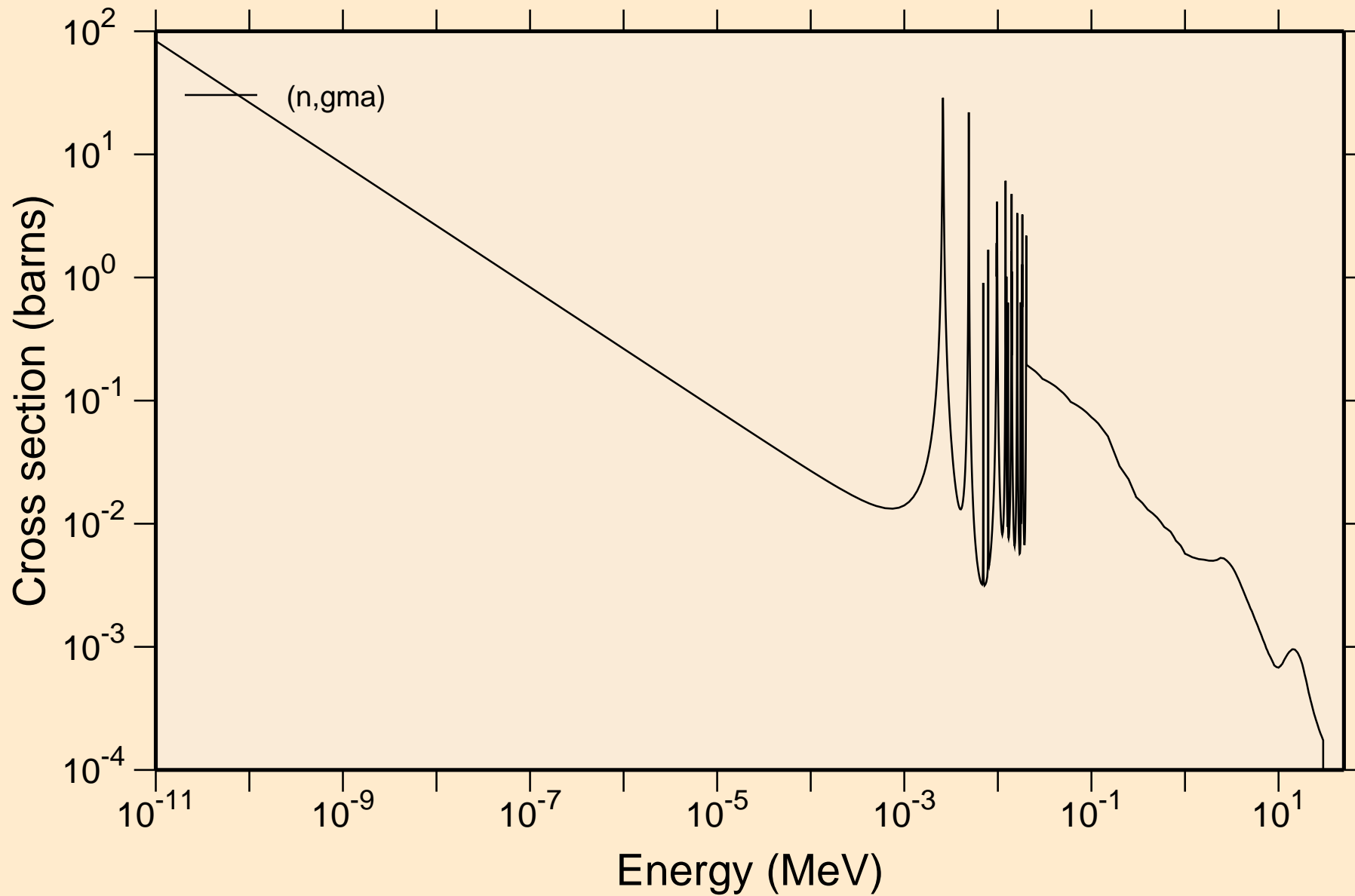


# V054 NRG TENDL-2015, AKONING

## Principal cross sections

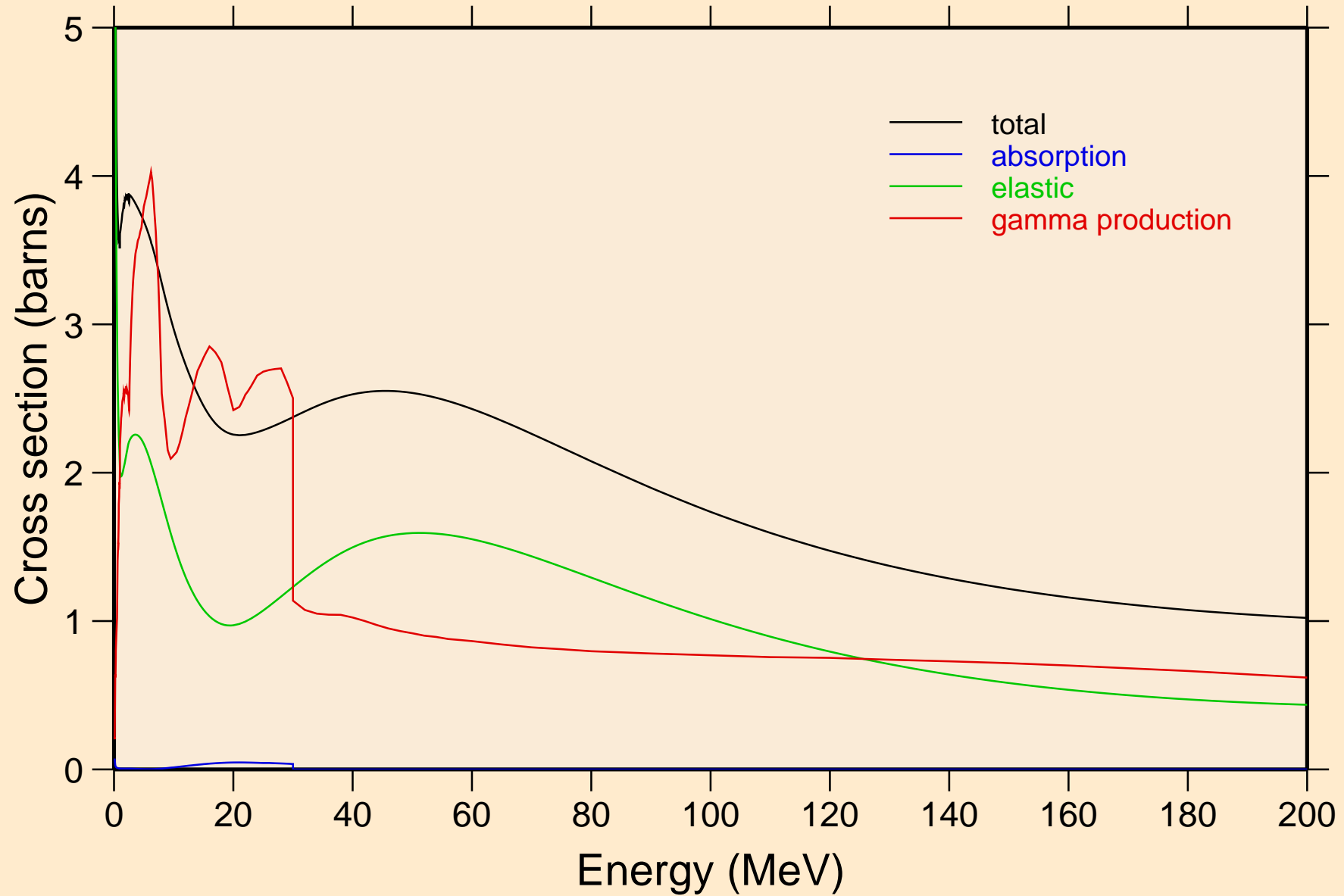


V054 NRG TENDL-2015, AKONING  
Non-threshold reactions

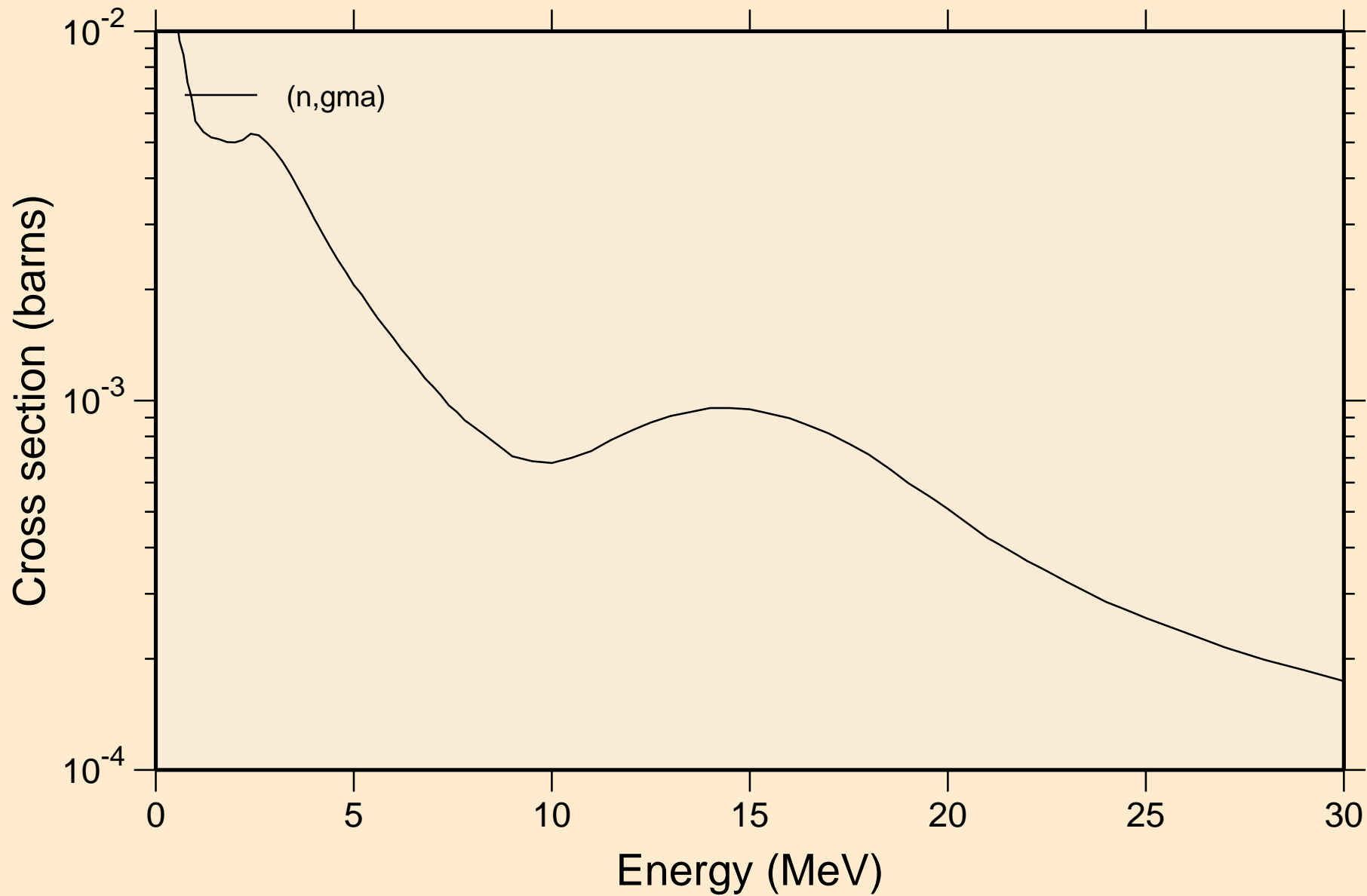


# V054 NRG TENDL-2015, AKONING

## Principal cross sections

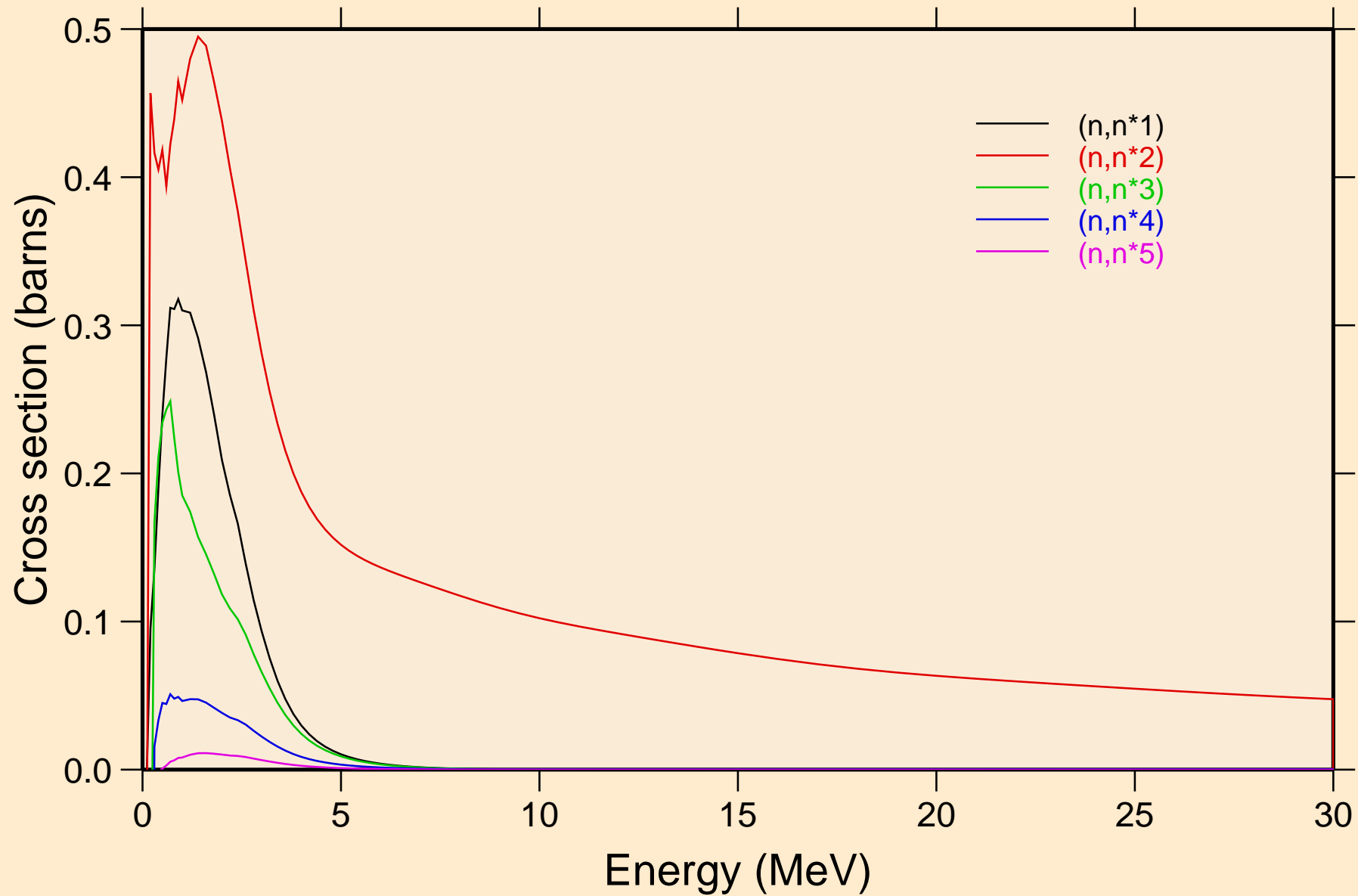


V054 NRG TENDL-2015, AKONING  
Non-threshold reactions



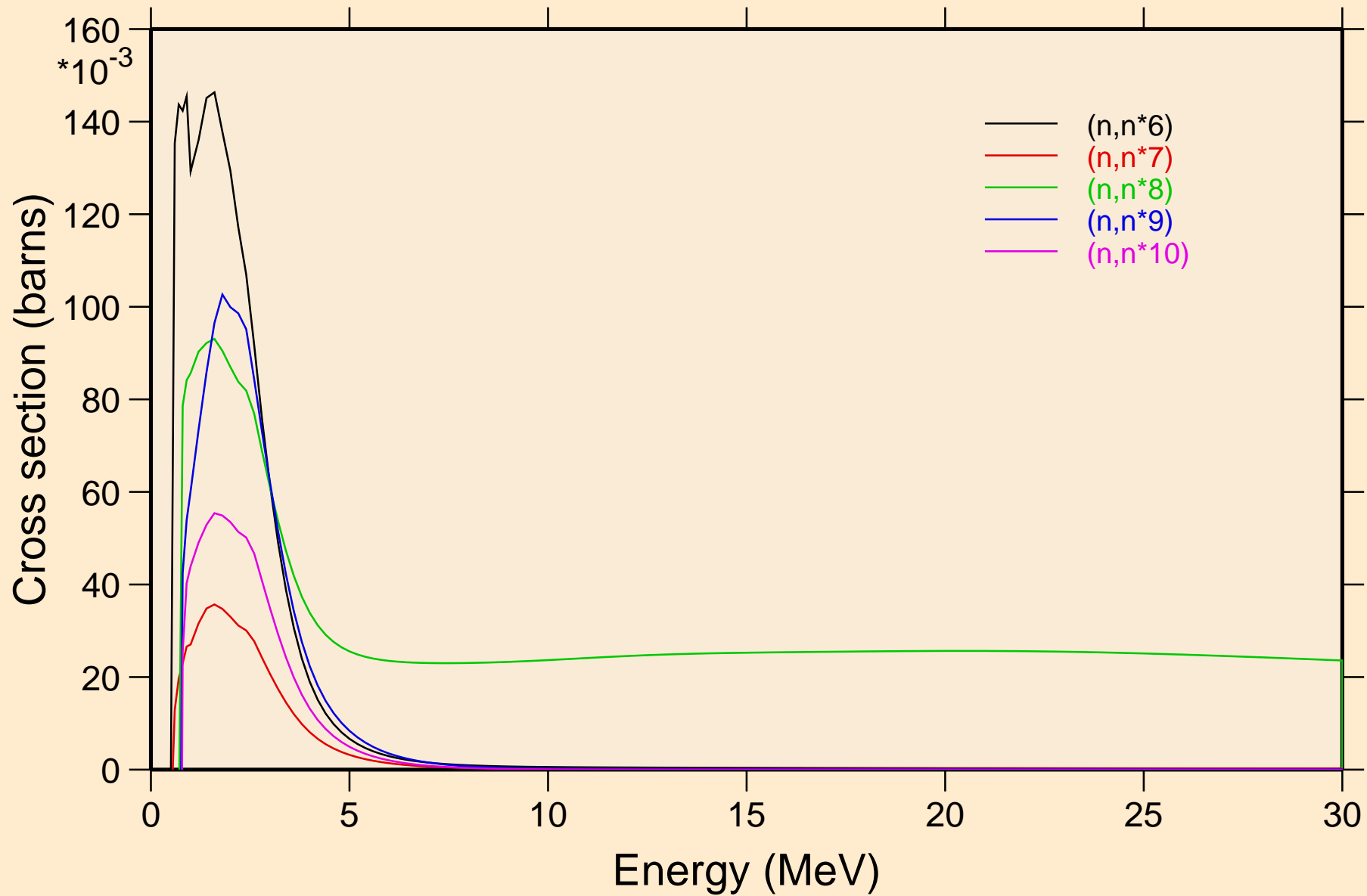
# V054 NRG TENDL-2015, AKONING

## Inelastic levels



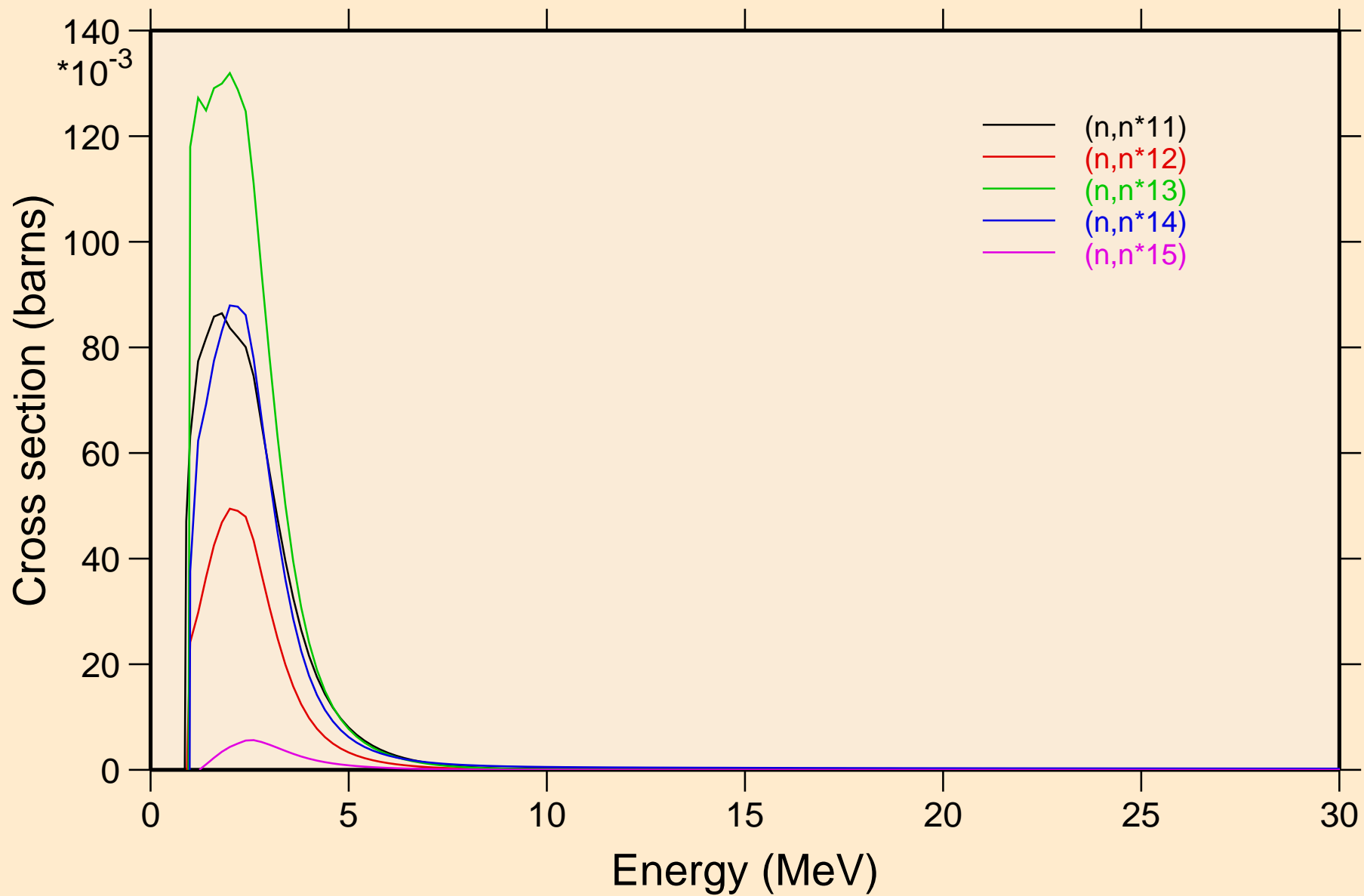
# V054 NRG TENDL-2015, AKONING

## Inelastic levels



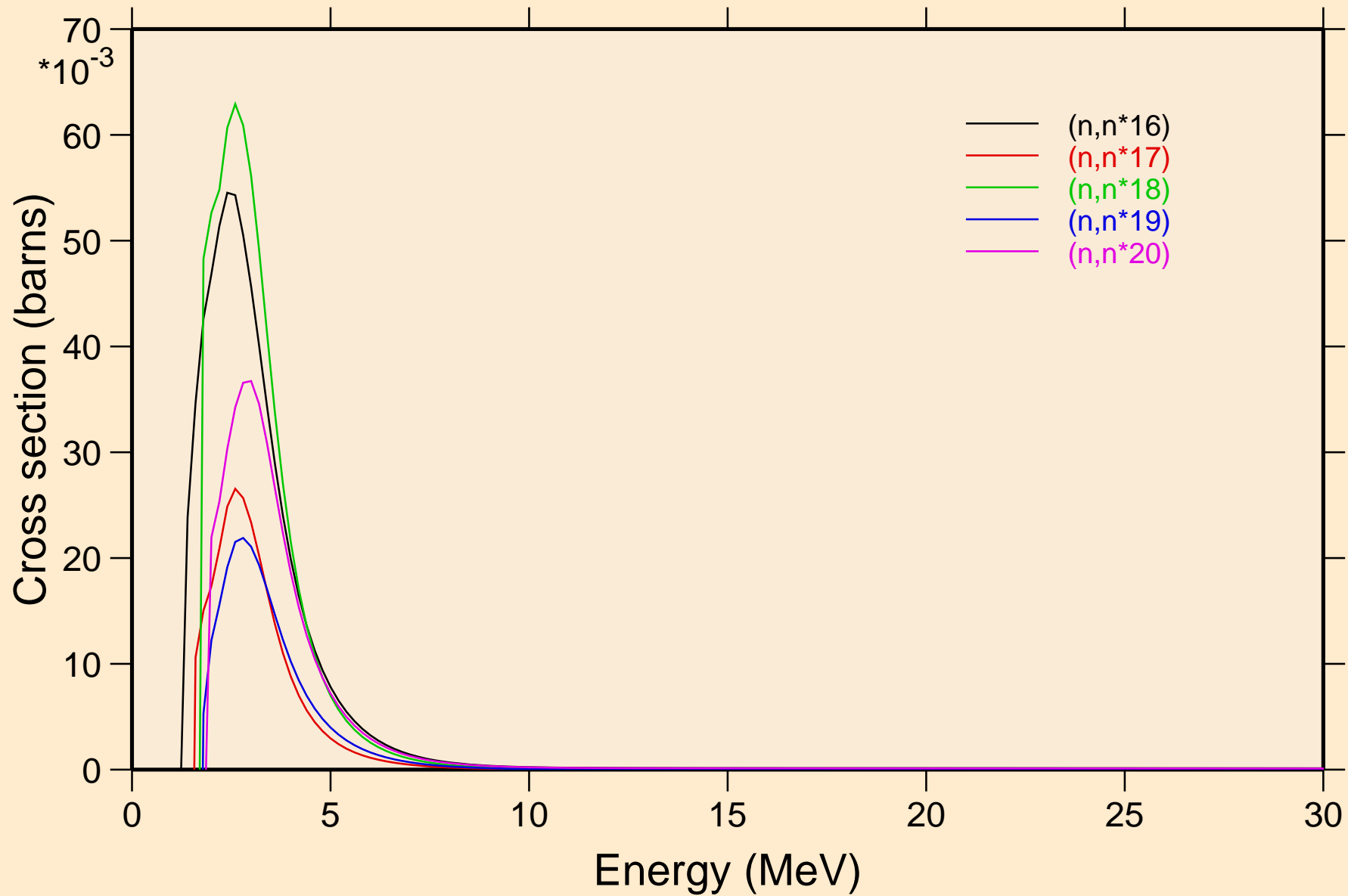
# V054 NRG TENDL-2015, AKONING

## Inelastic levels



# V054 NRG TENDL-2015, AKONING

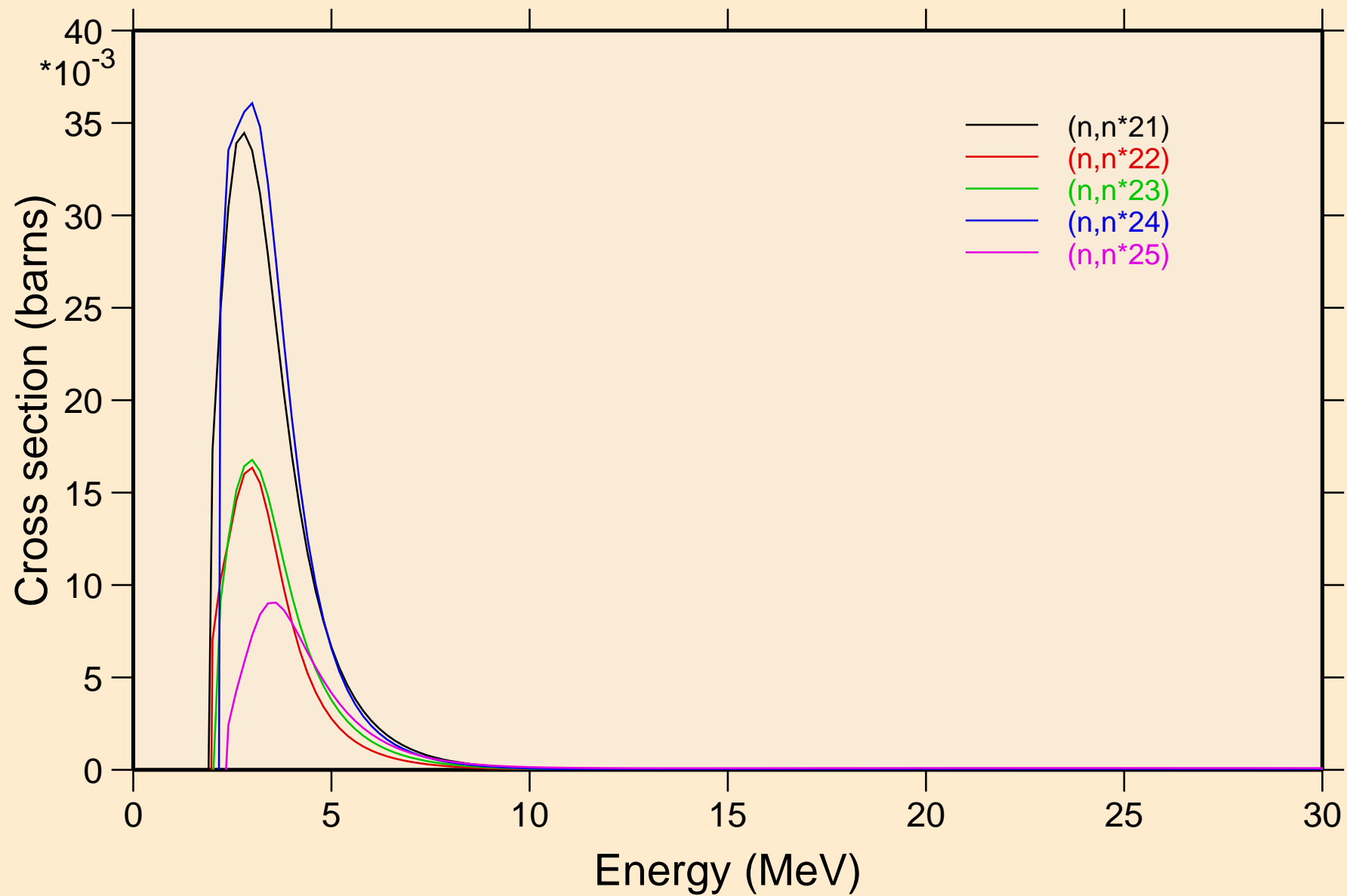
## Inelastic levels



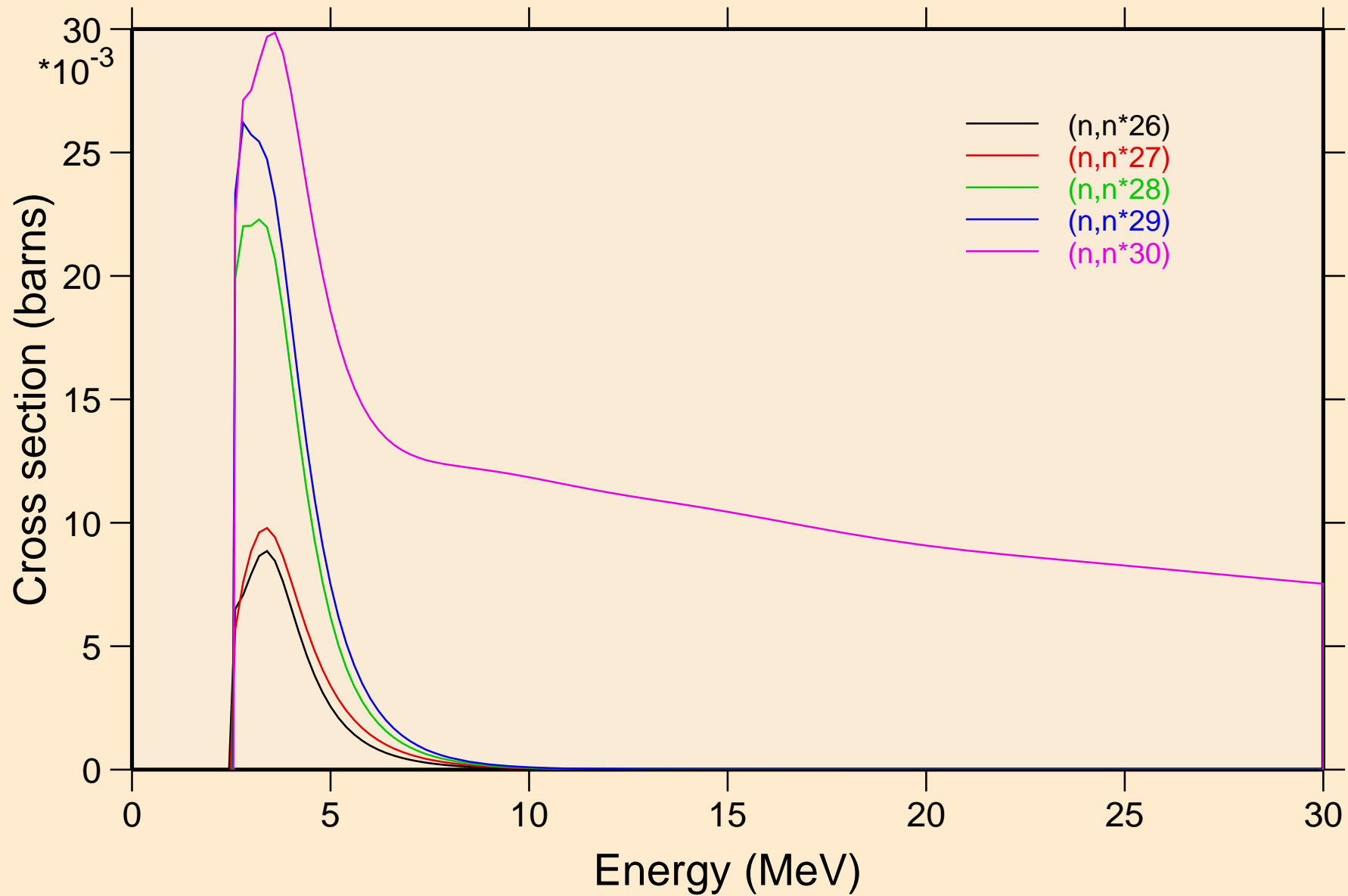


# V054 NRG TENDL-2015, AKONING

## Inelastic levels

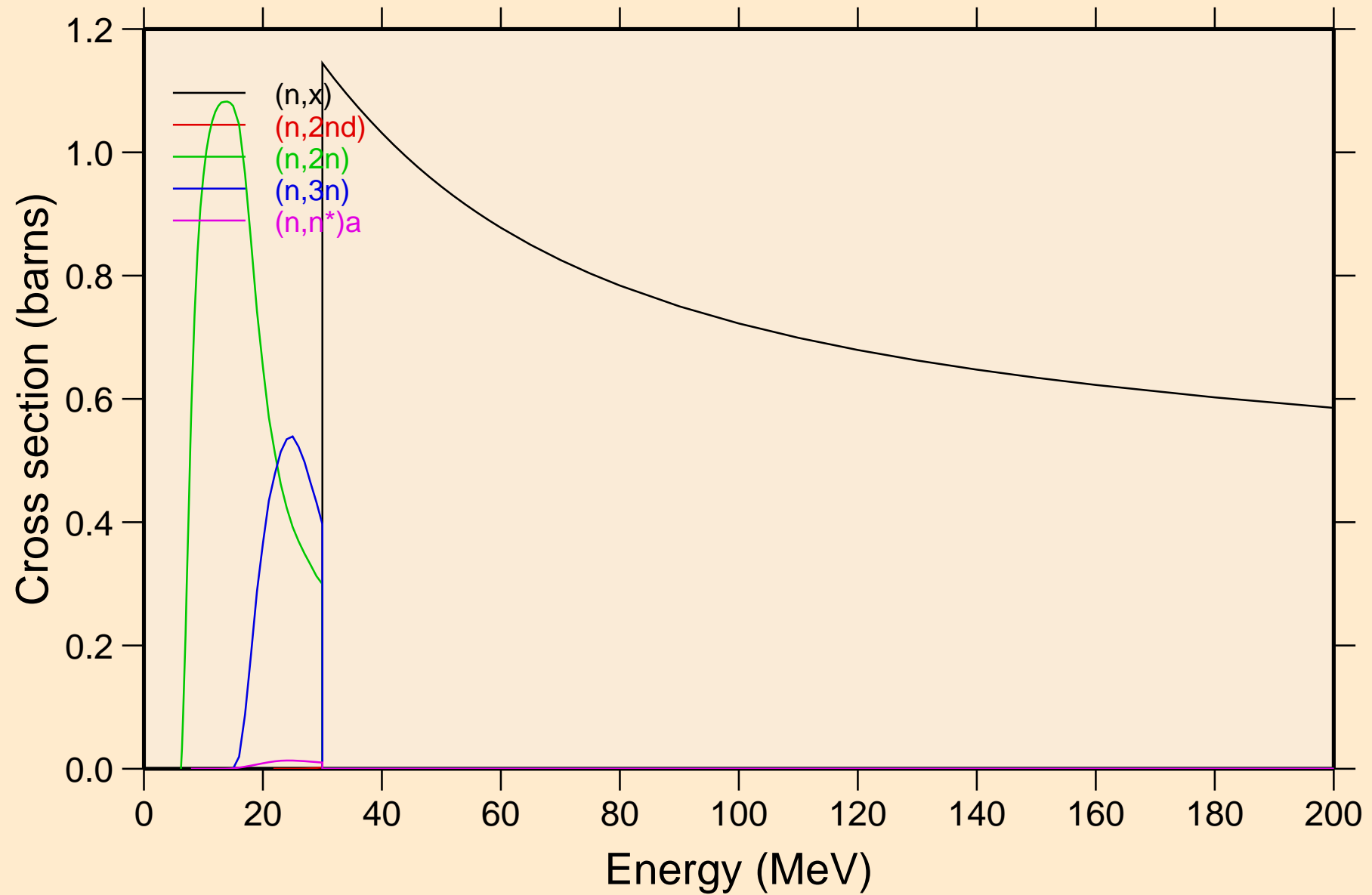


V054 NRG TENDL-2015, AKONING  
Inelastic levels



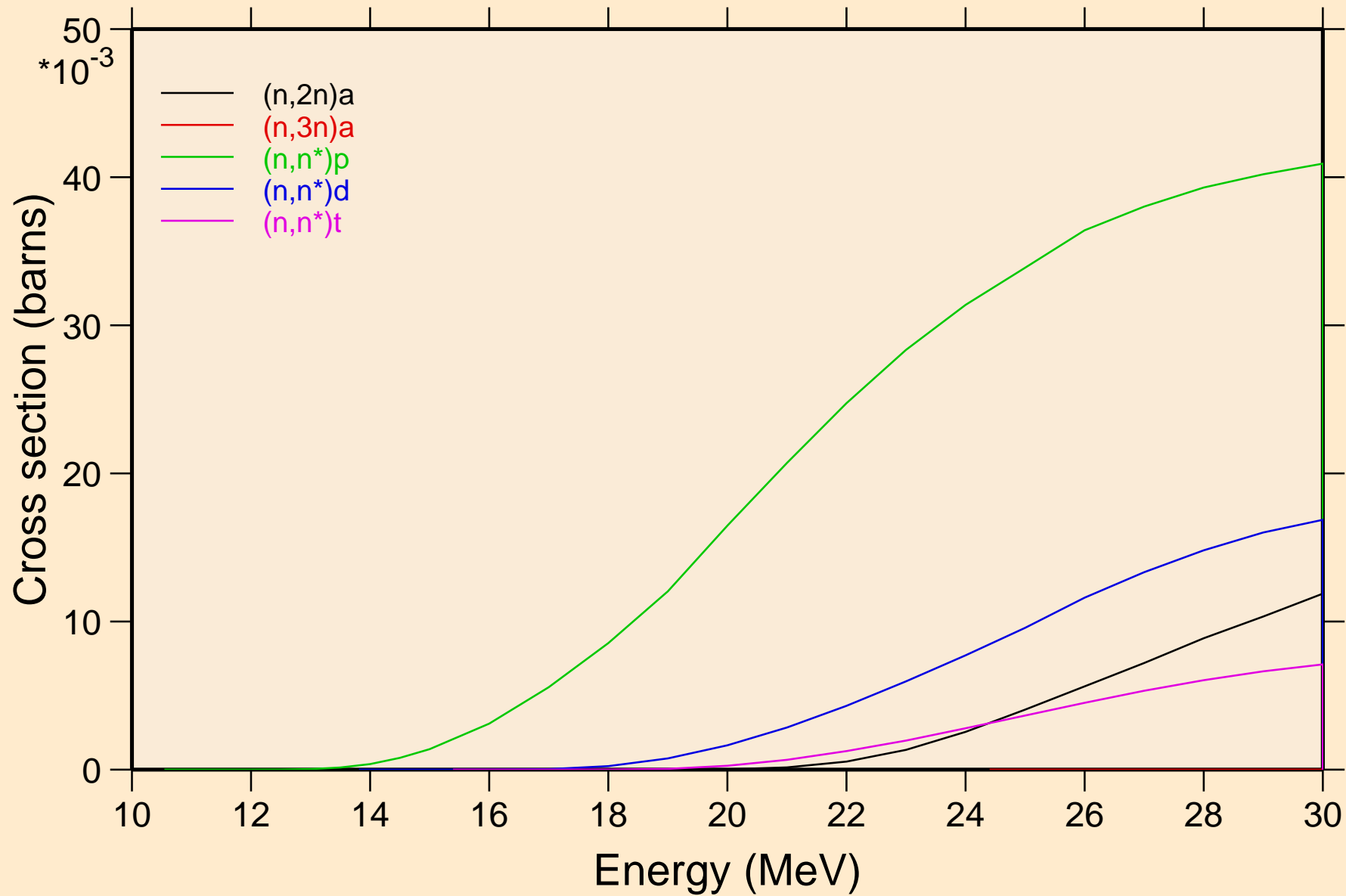
# V054 NRG TENDL-2015, AKONING

## Threshold reactions



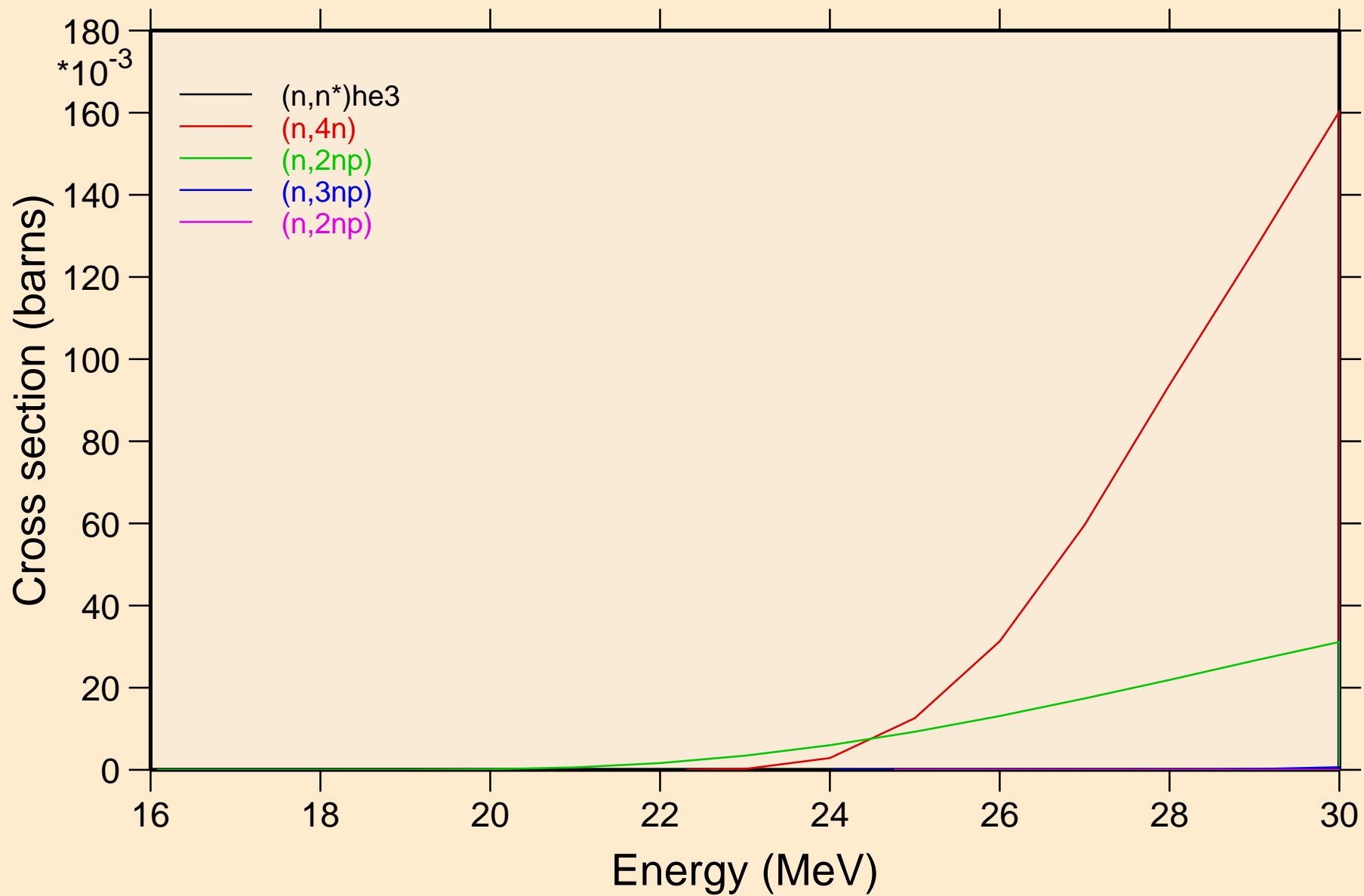
# V054 NRG TENDL-2015, AKONING

## Threshold reactions



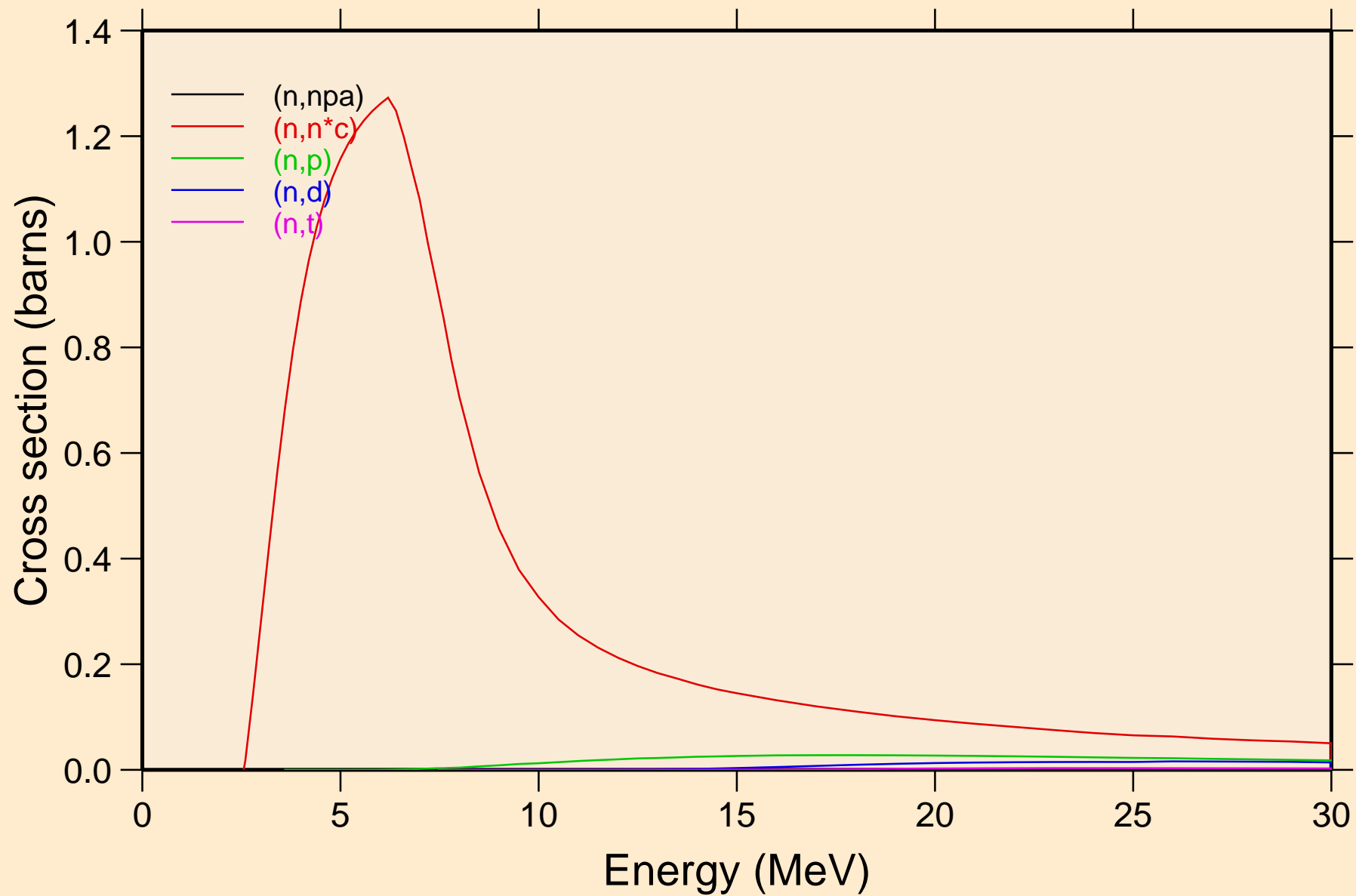
# V054 NRG TENDL-2015, AKONING

## Threshold reactions



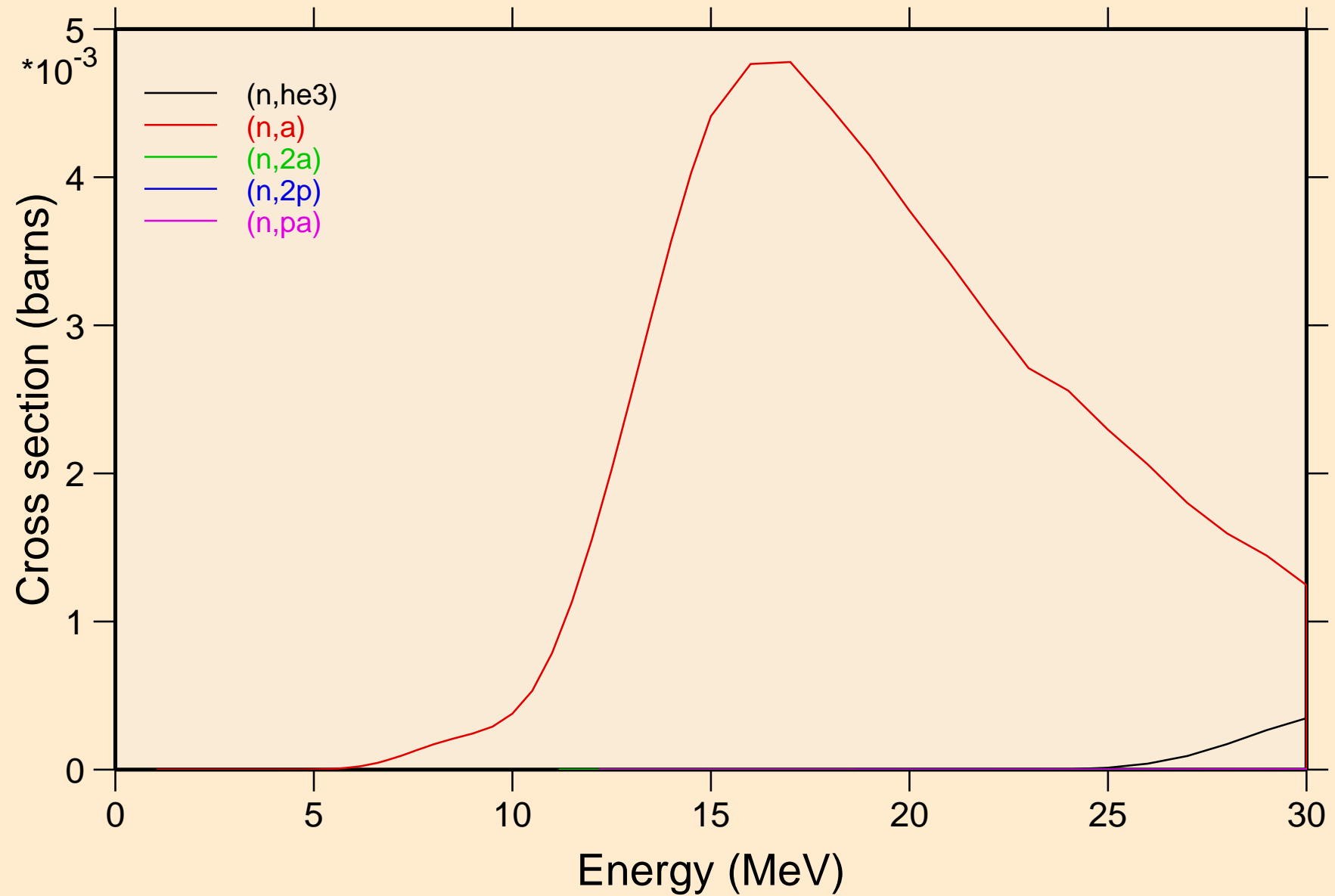
# V054 NRG TENDL-2015, AKONING

## Threshold reactions



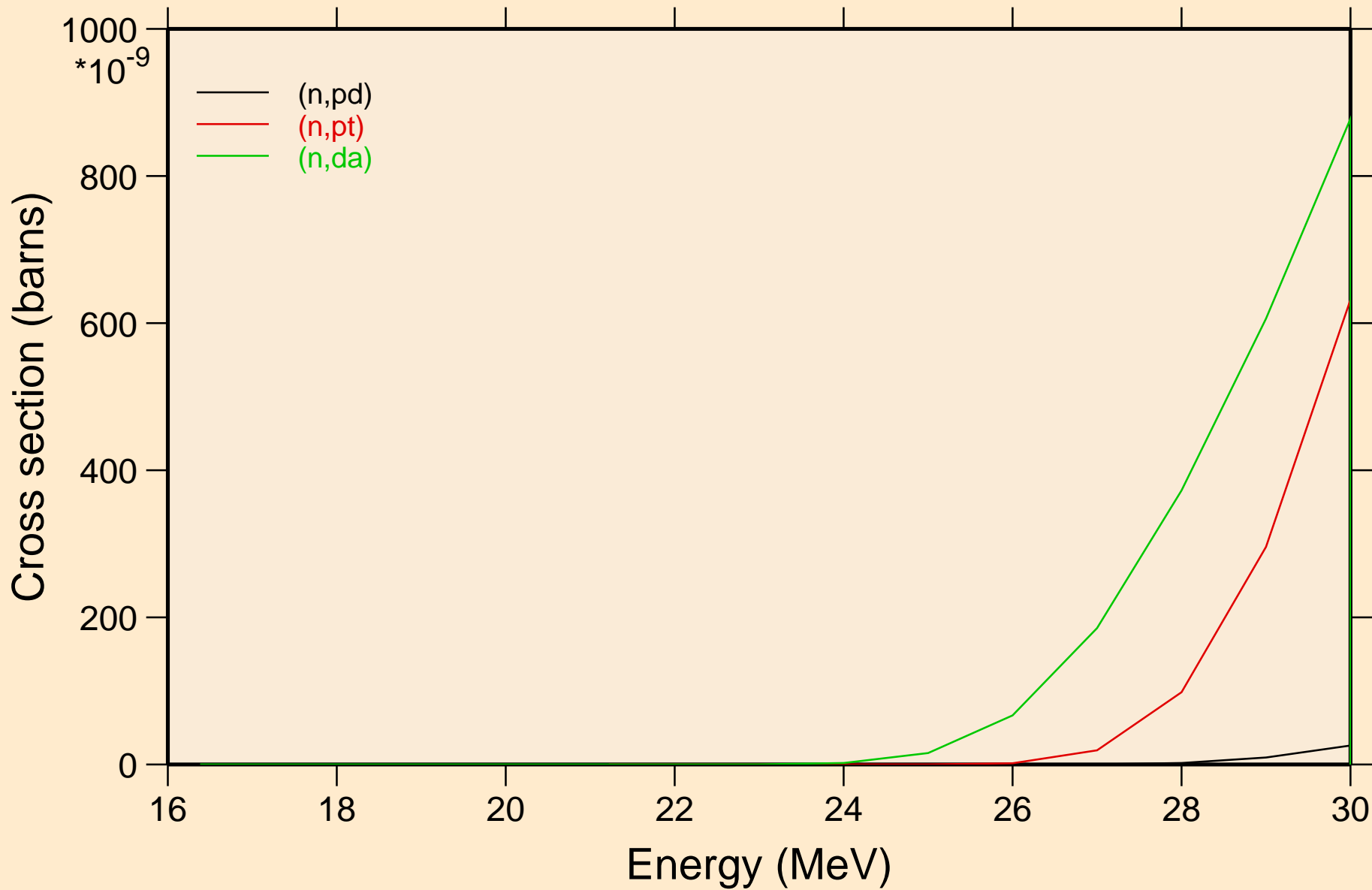
# V054 NRG TENDL-2015, AKONING

## Threshold reactions



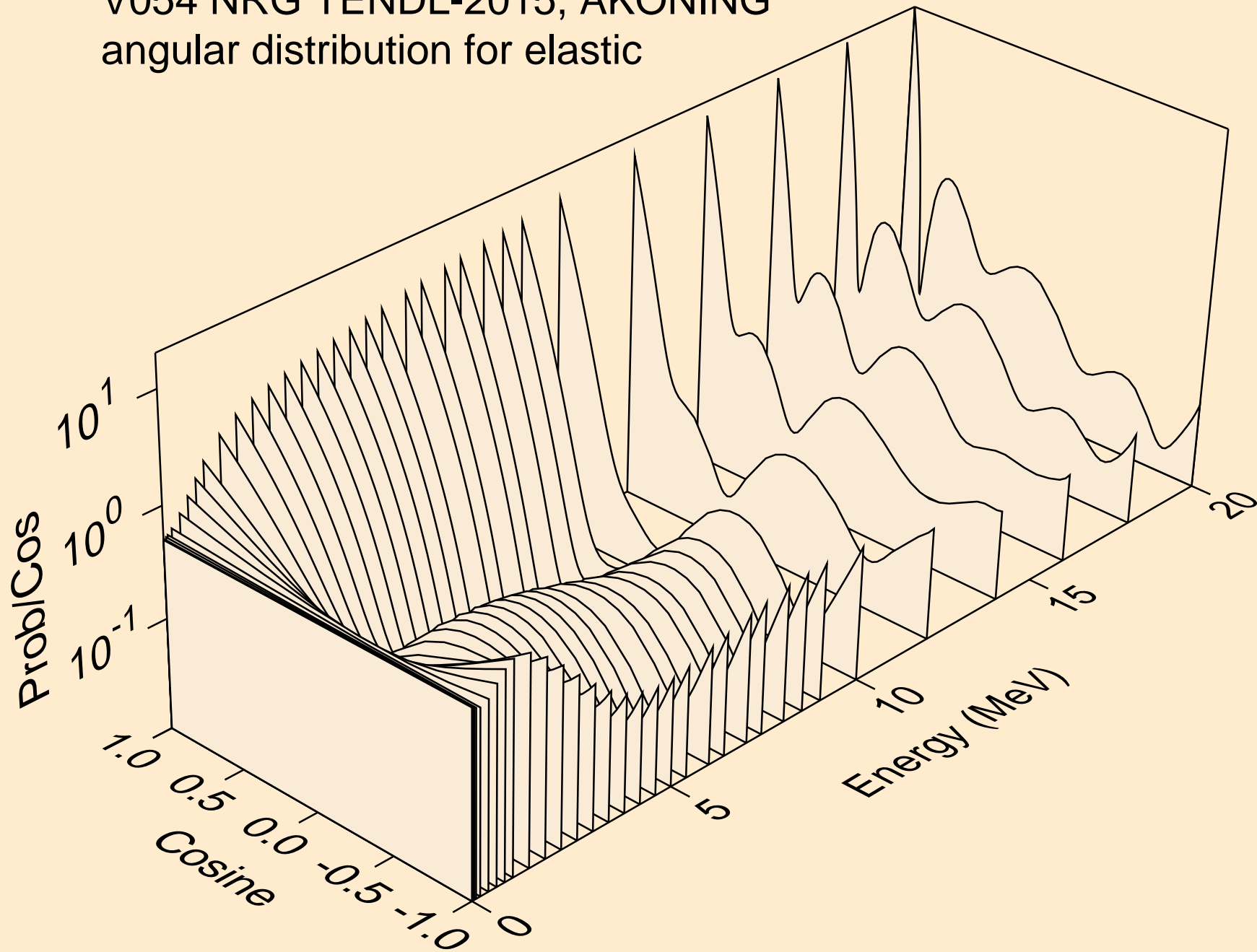
# V054 NRG TENDL-2015, AKONING

## Threshold reactions

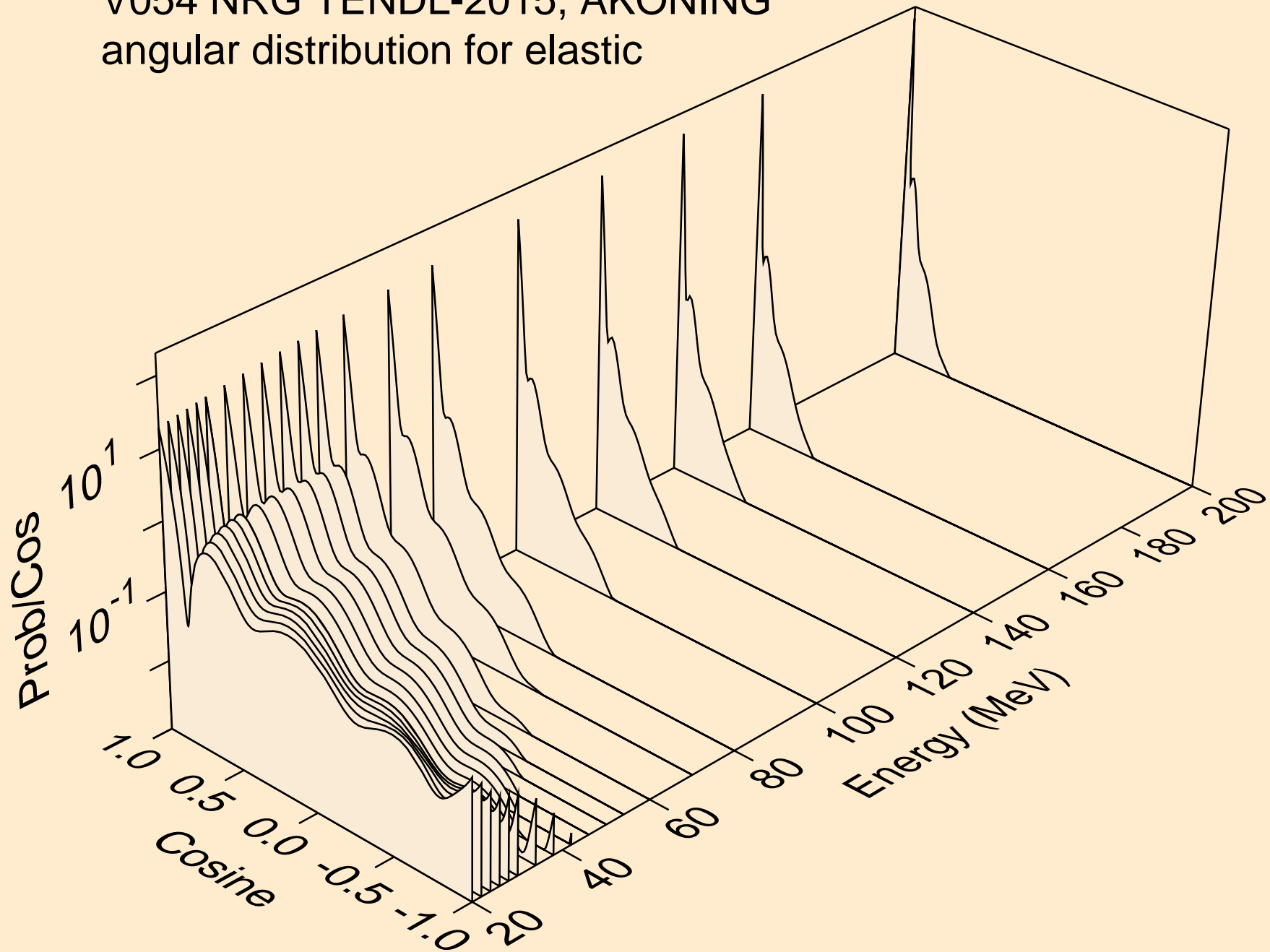




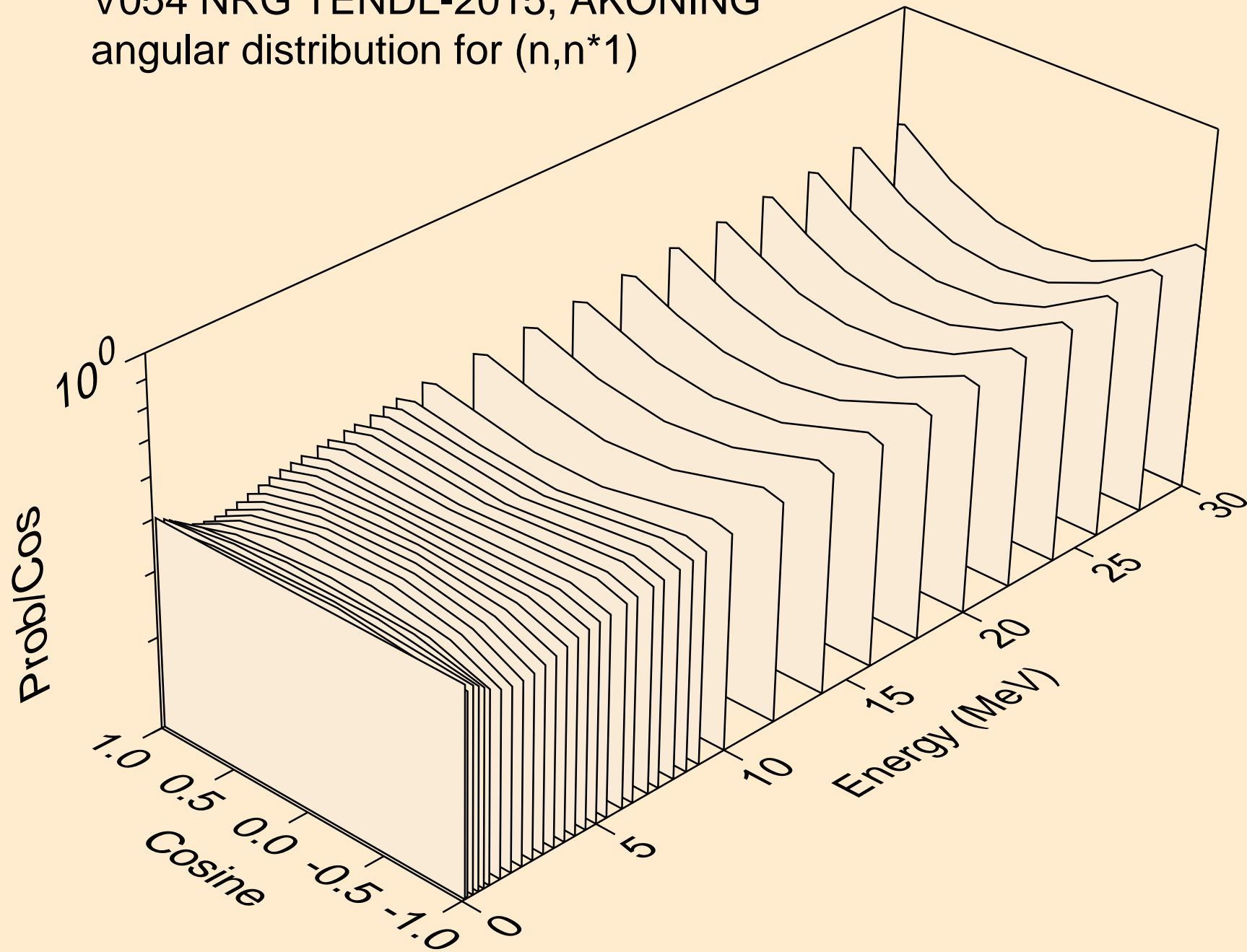
V054 NRG TENDL-2015, AKONING  
angular distribution for elastic



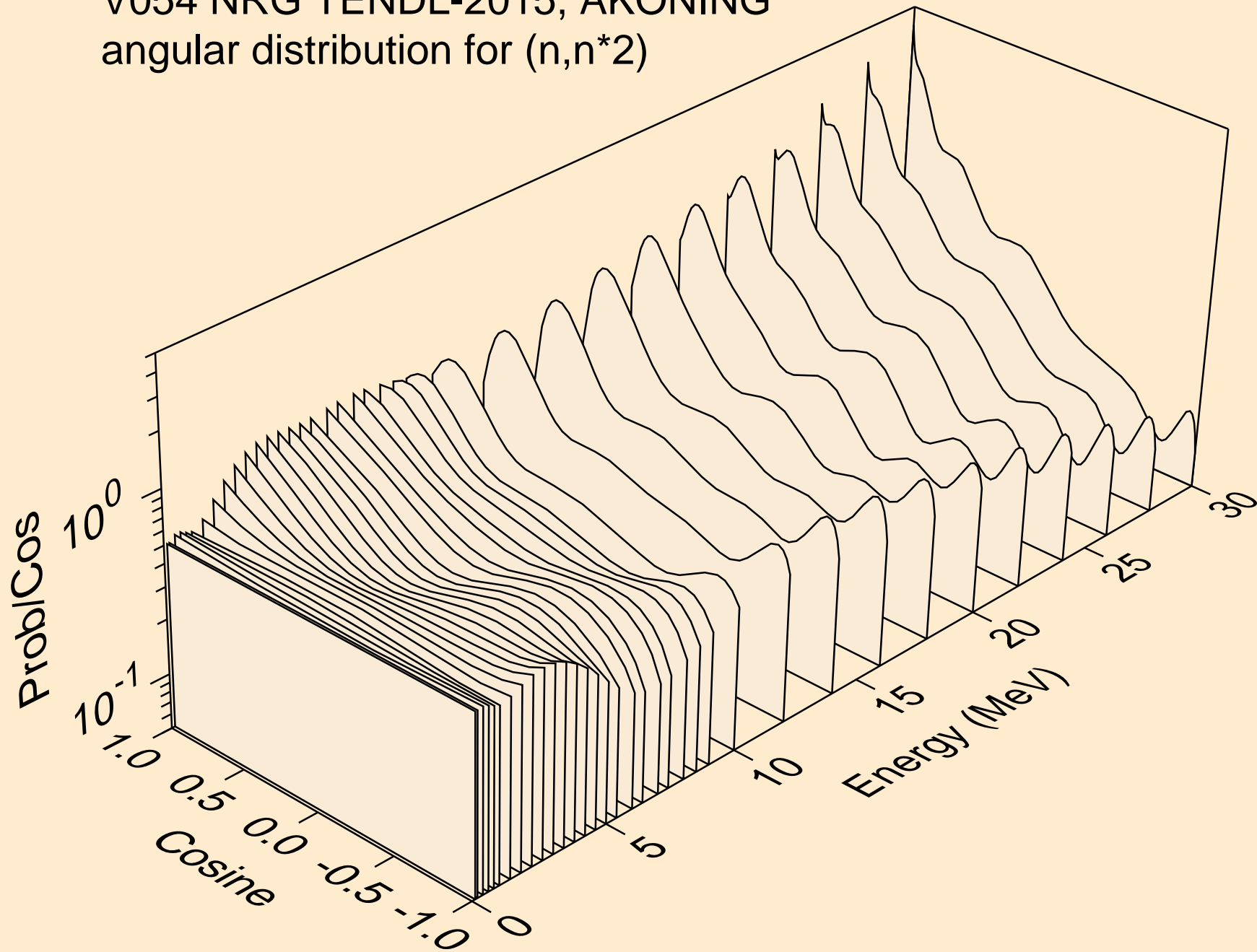
V054 NRG TENDL-2015, AKONING  
angular distribution for elastic



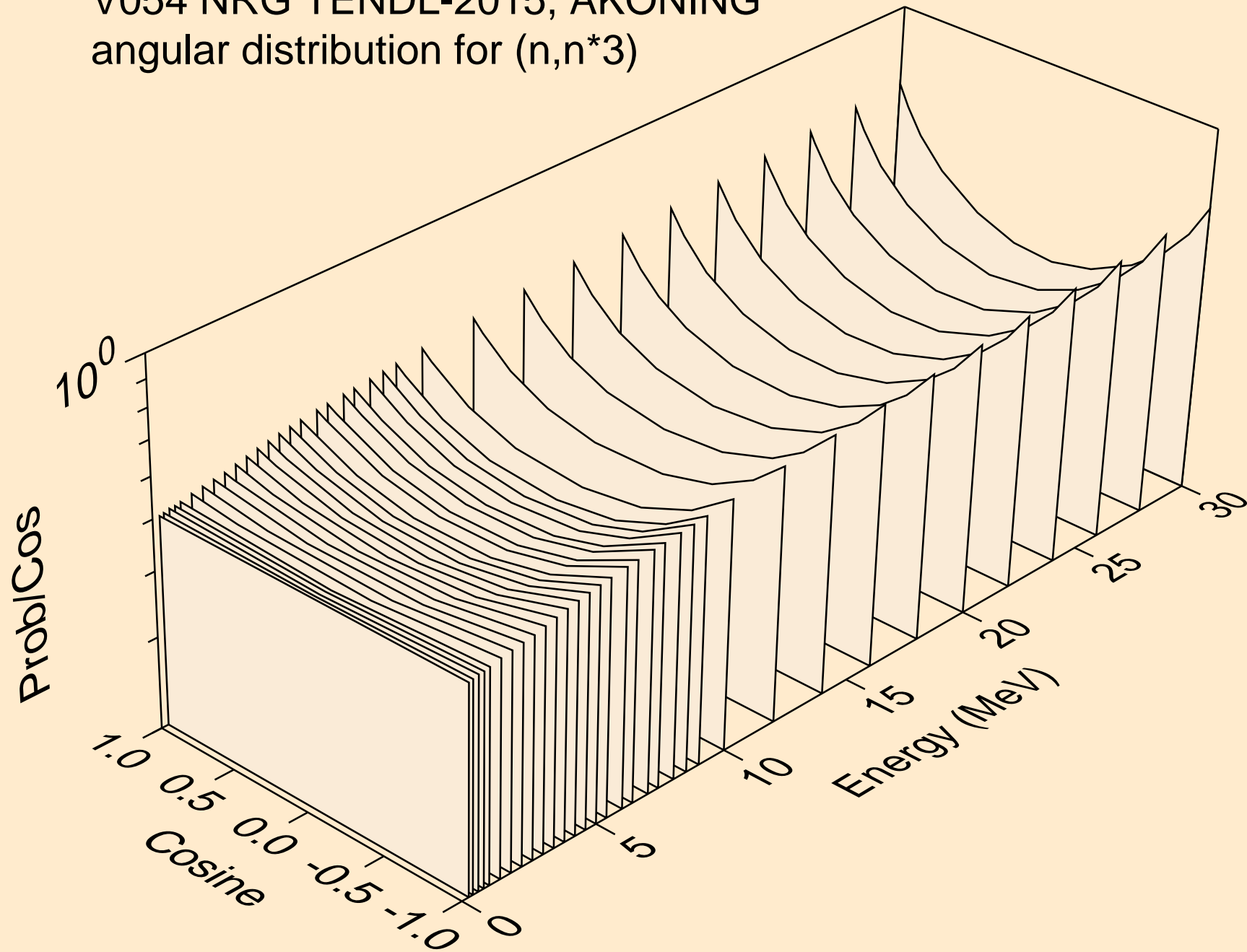
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



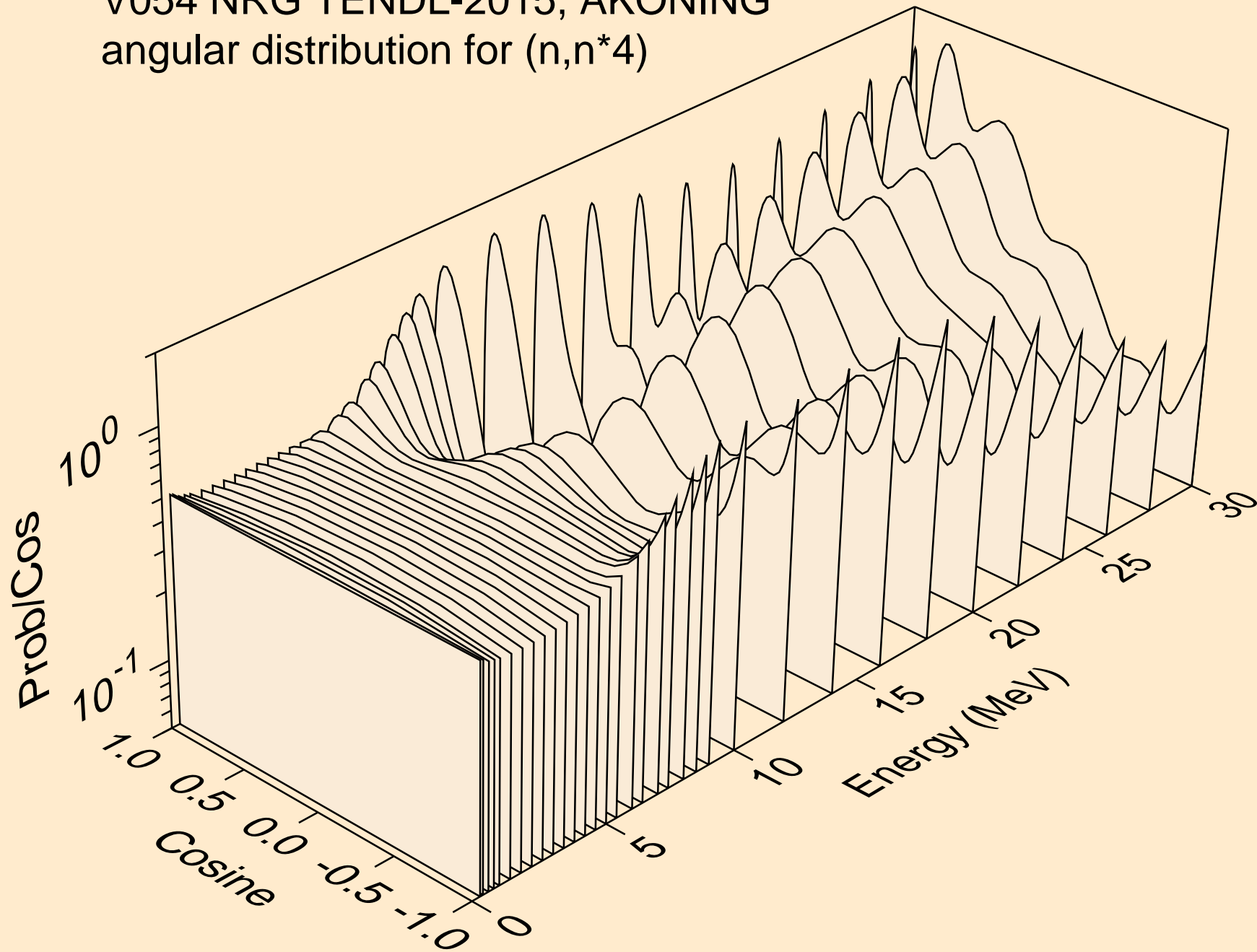
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



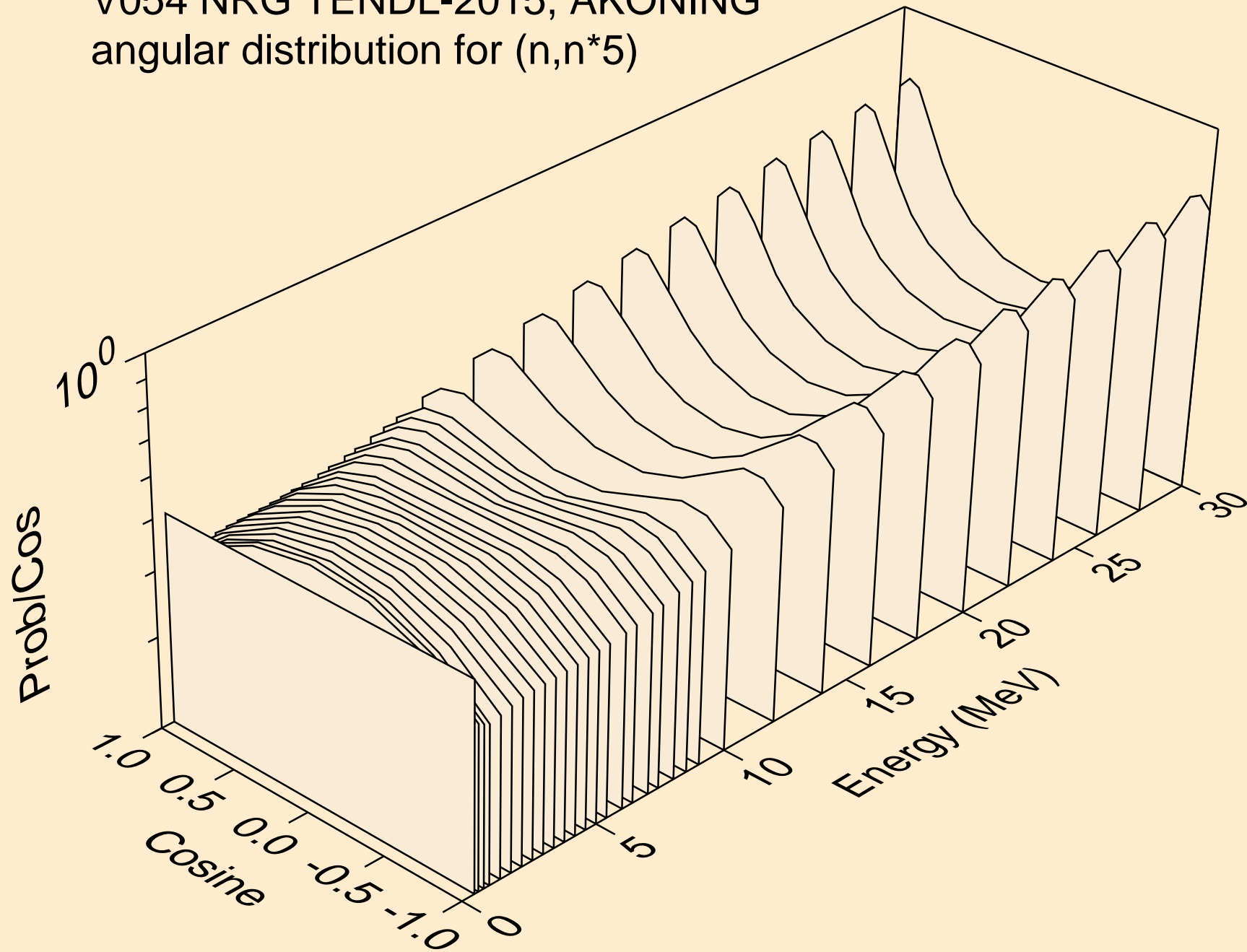
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angular distribution for (n,n\*3)



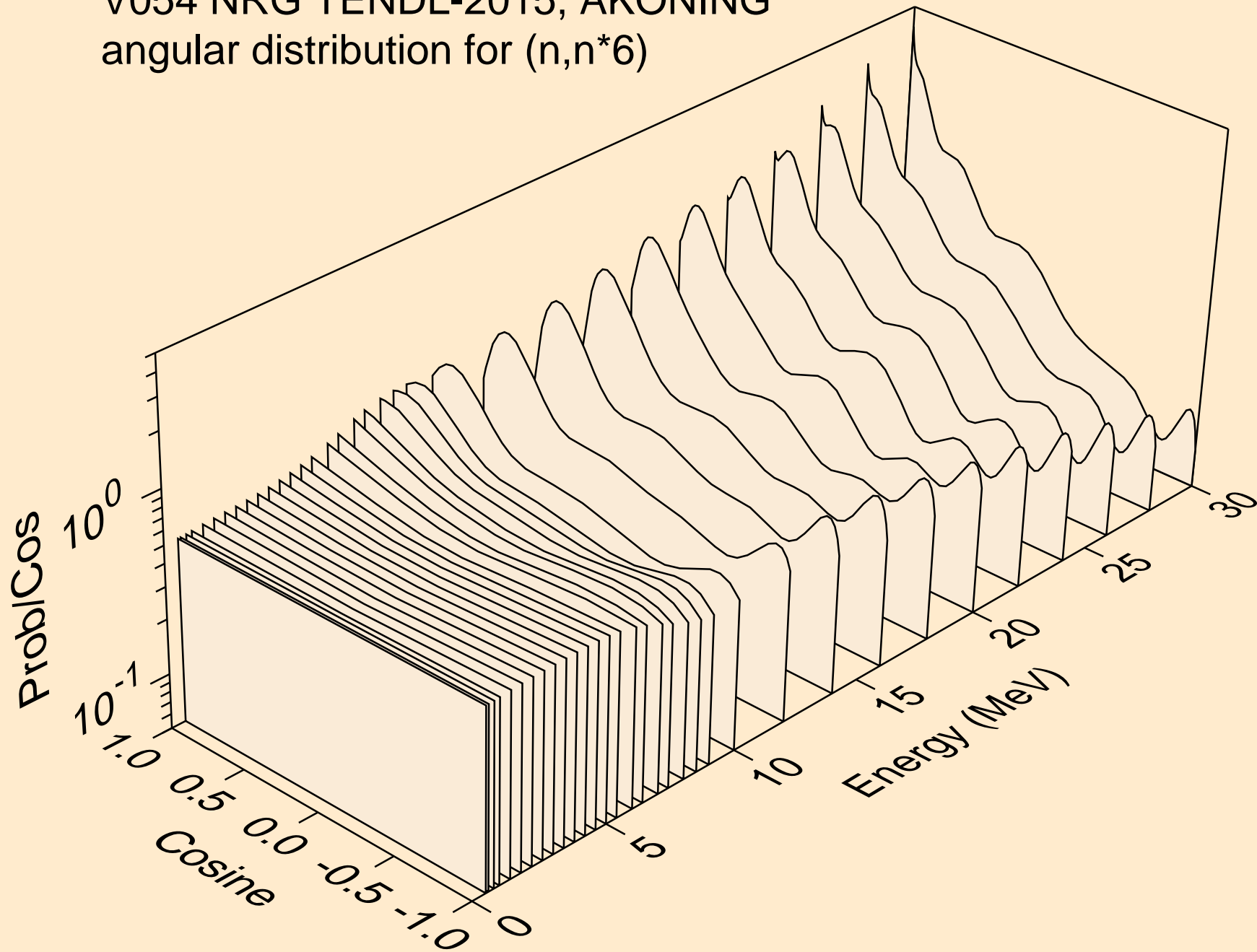
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

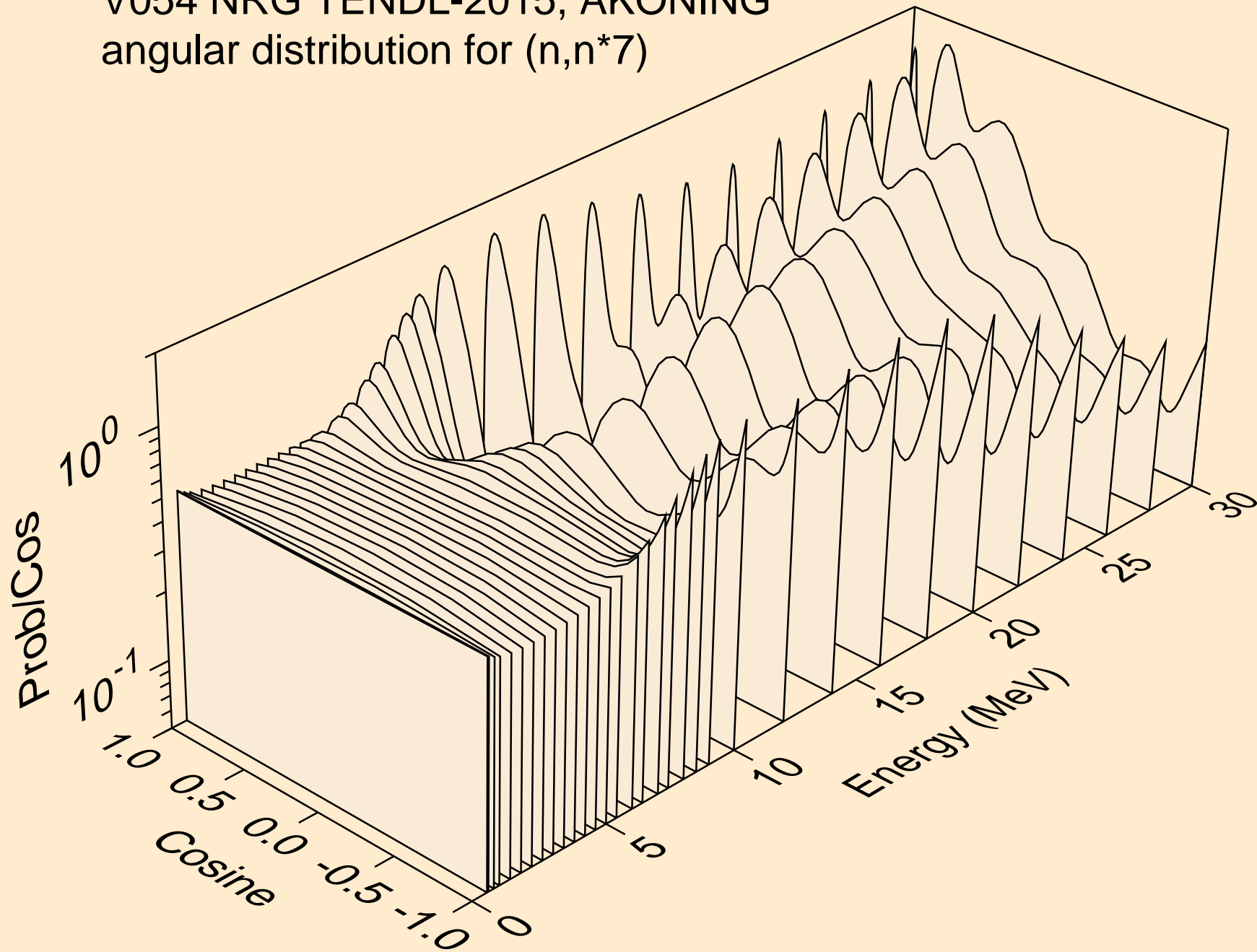


V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

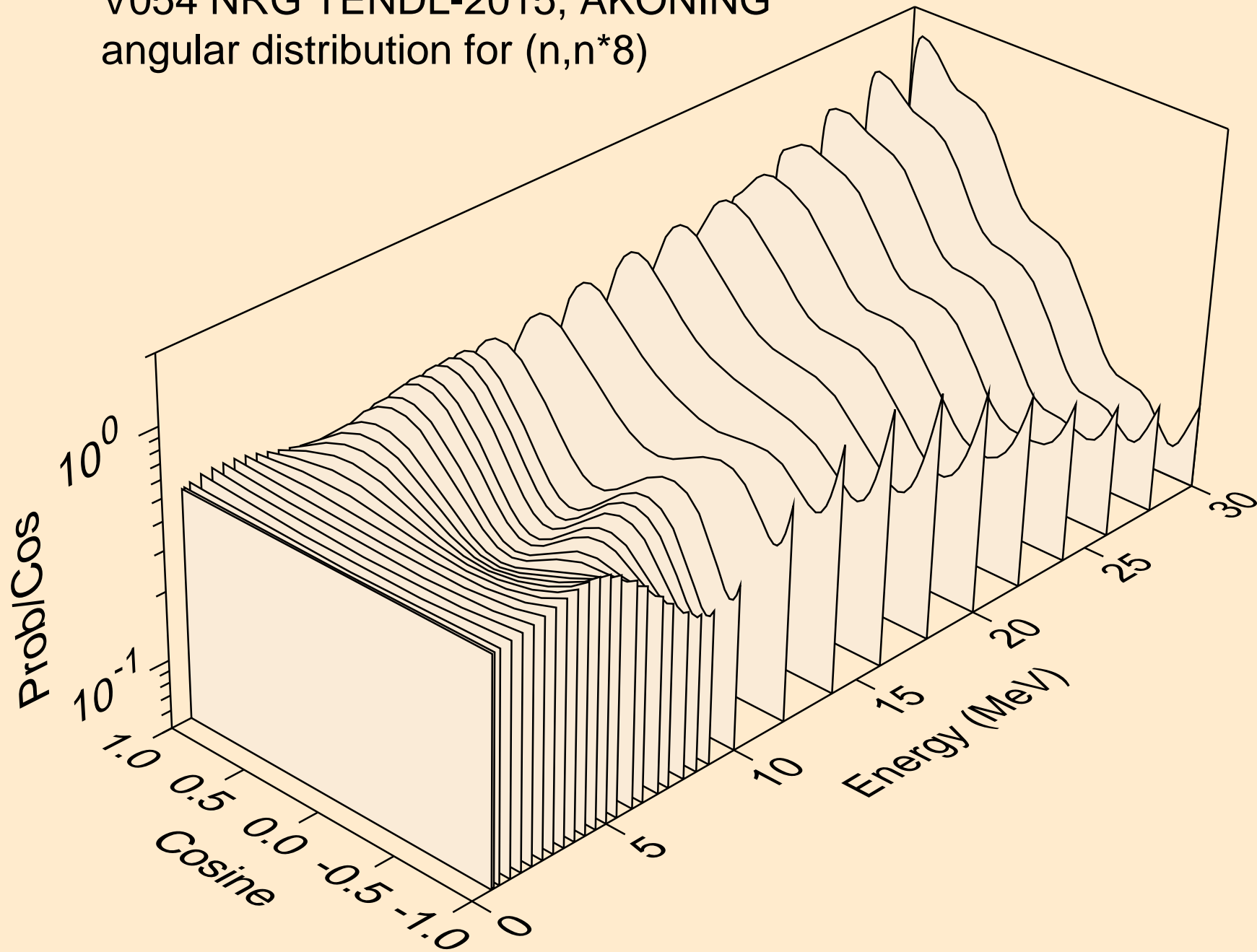




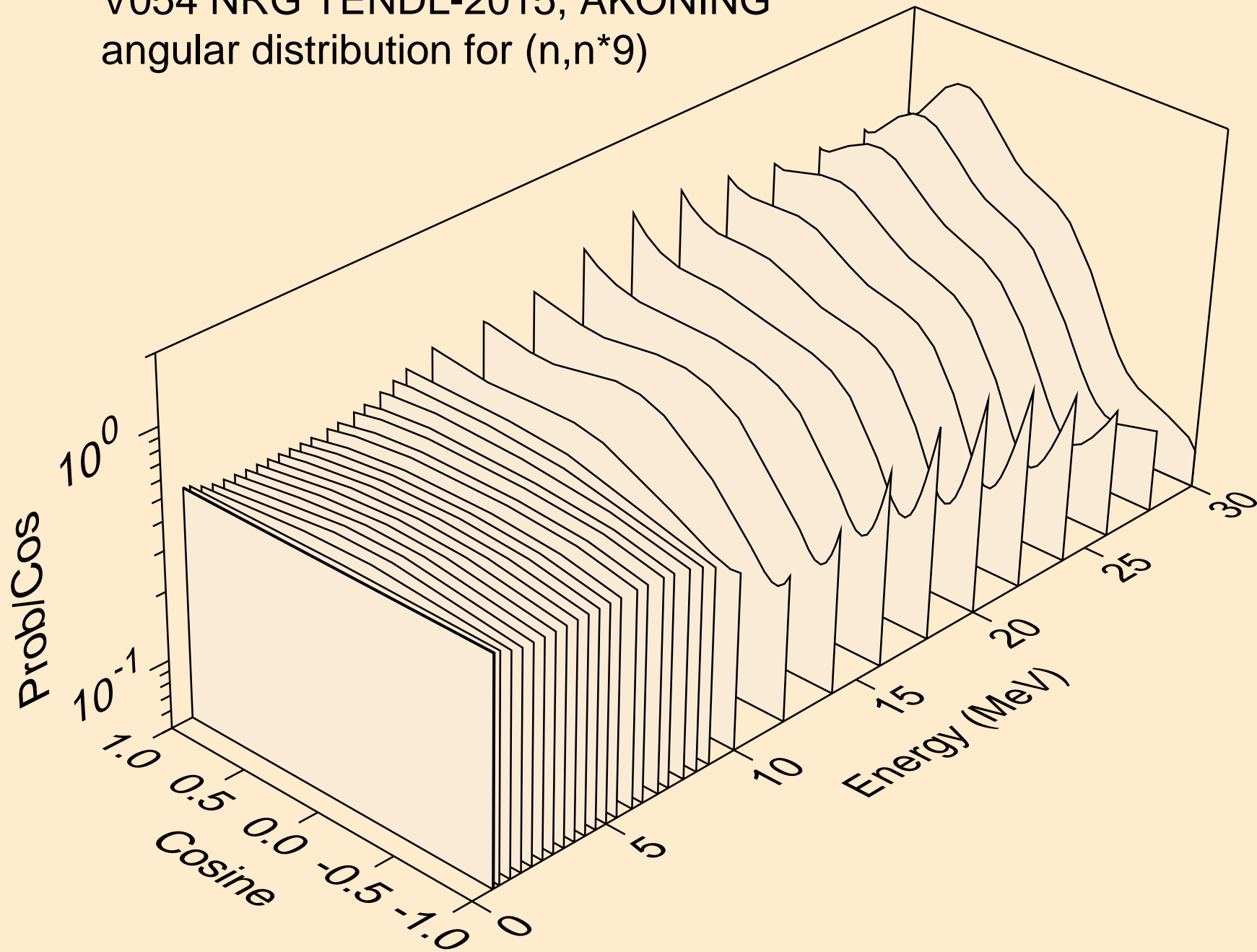
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



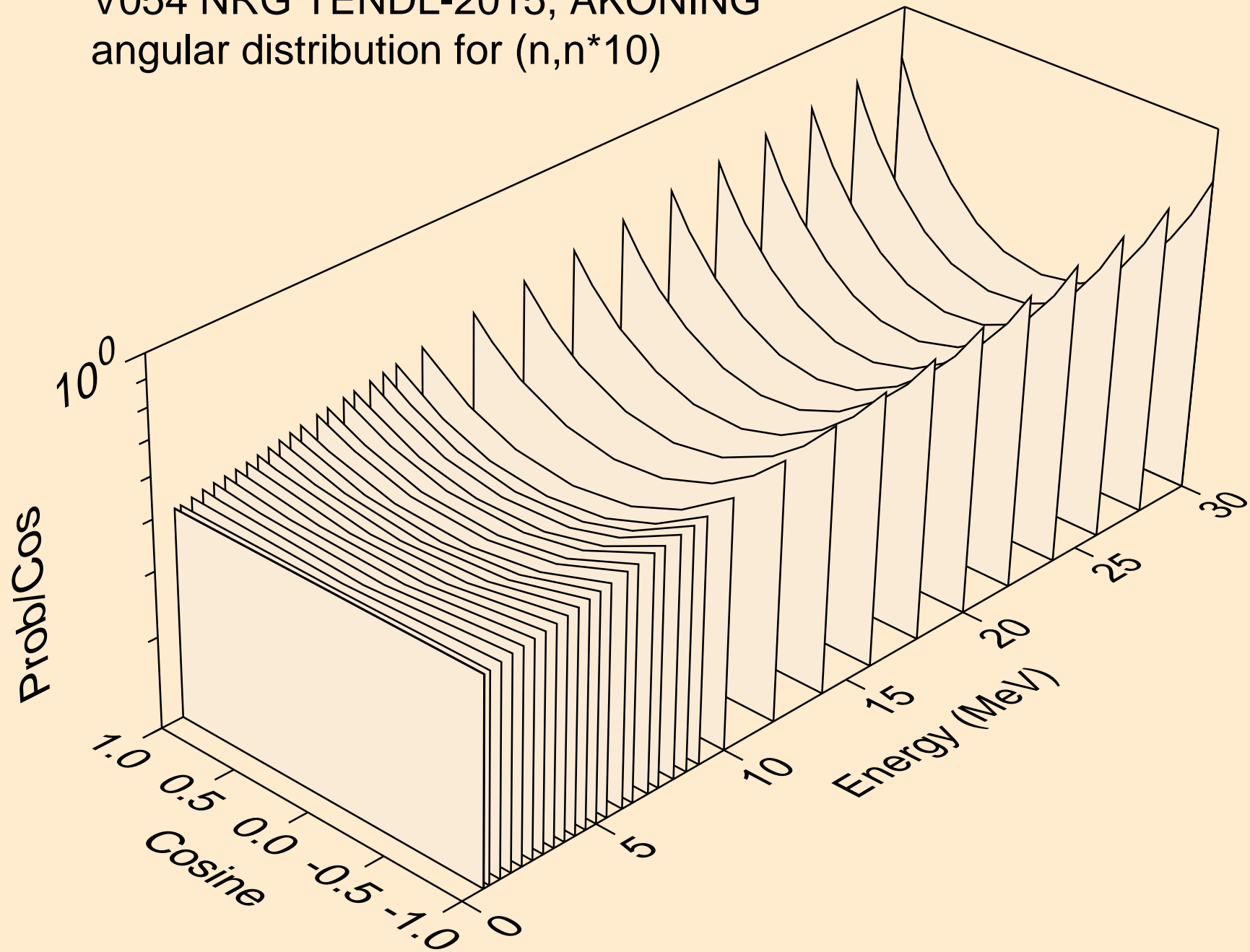
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angular distribution for (n,n\*8)



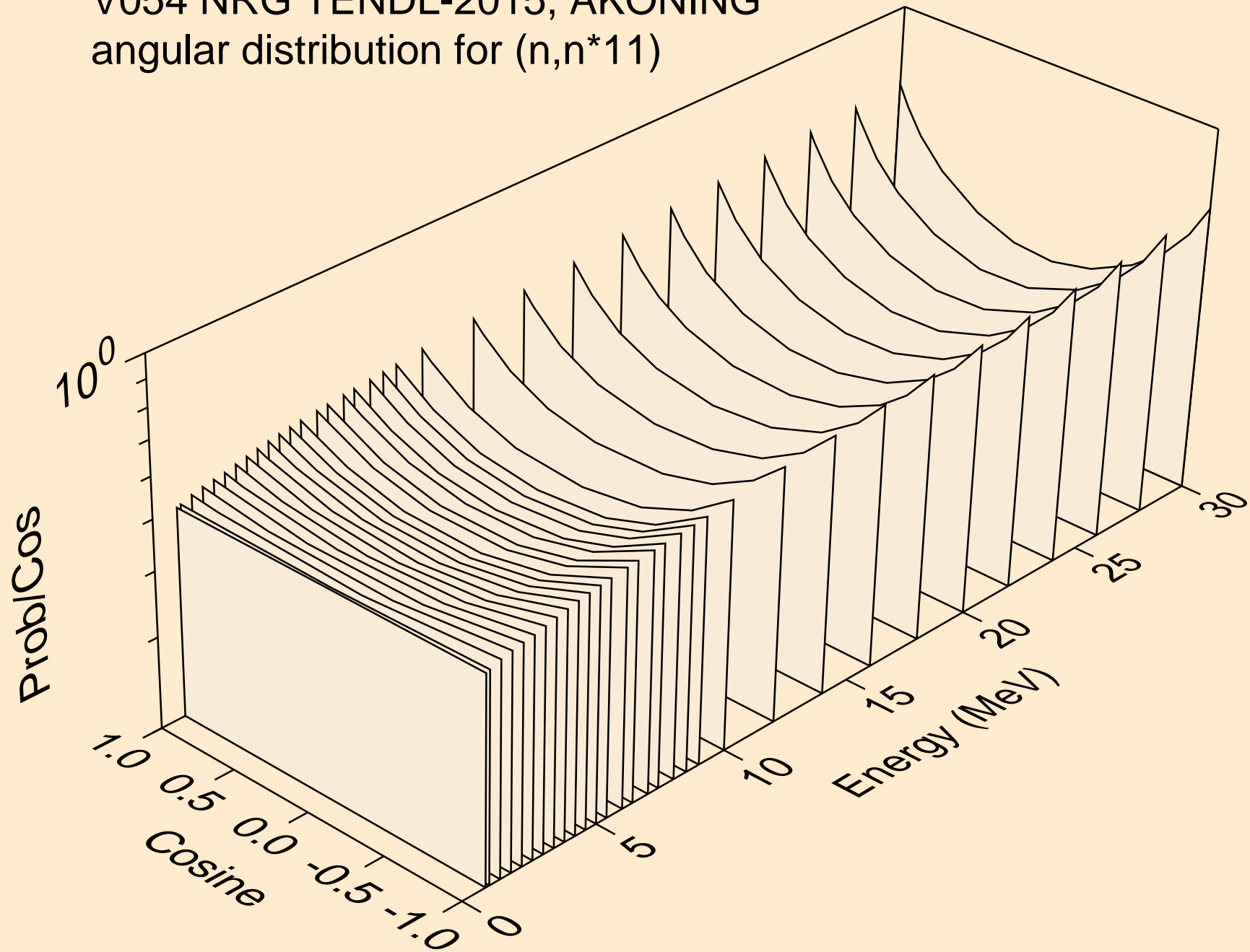
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angular distribution for (n,n\*9)



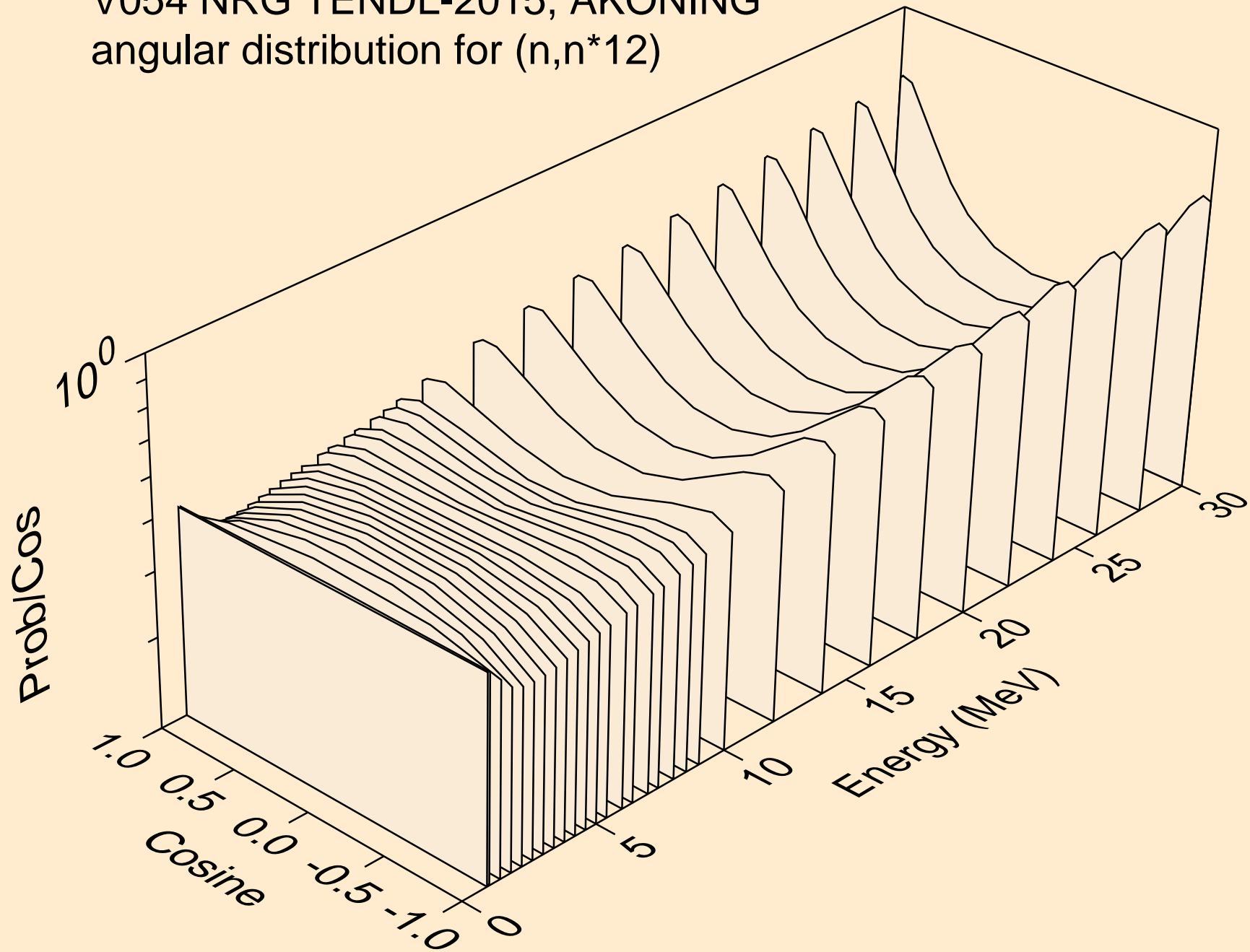
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angular distribution for (n,n\*10)



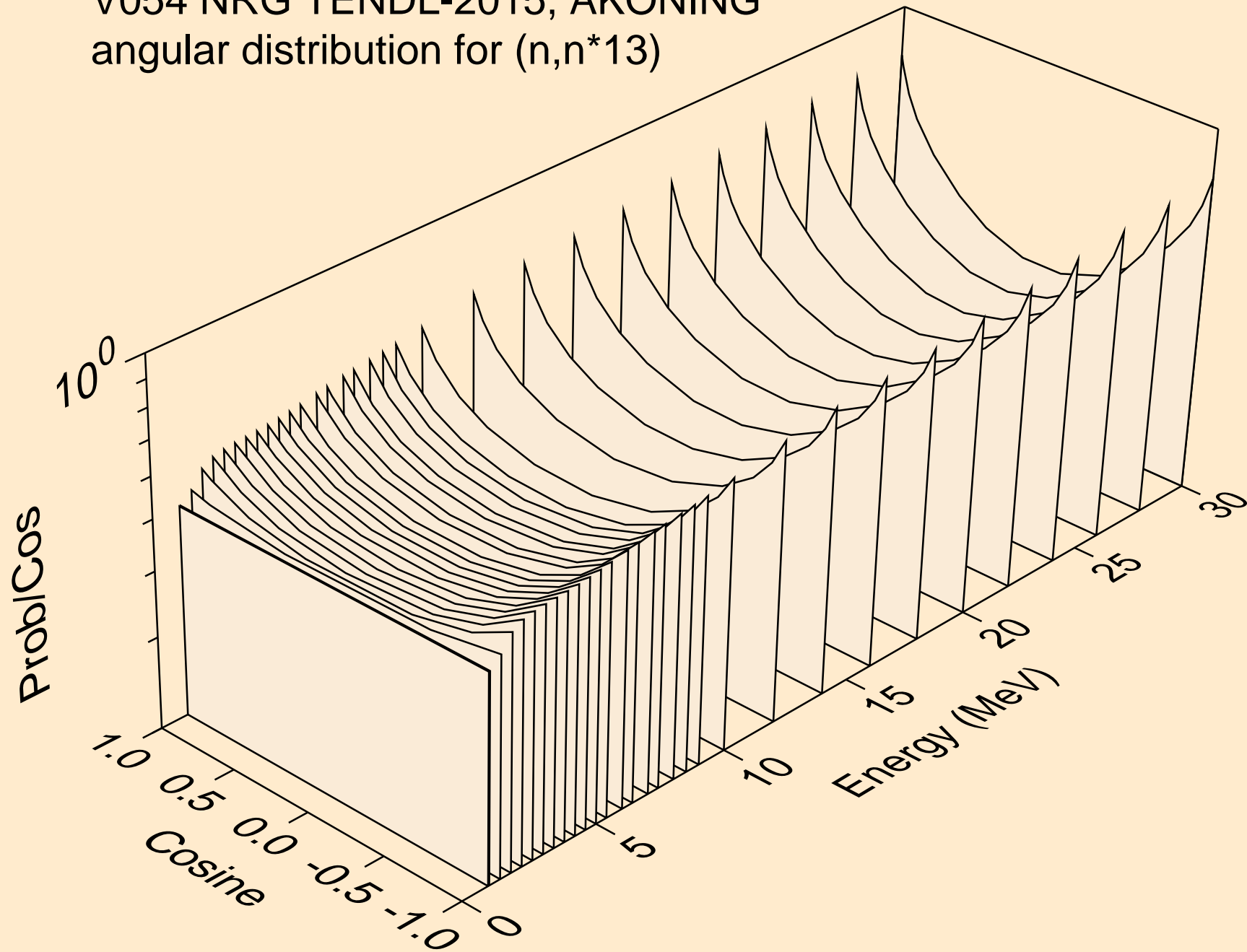
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angular distribution for (n,n\*11)



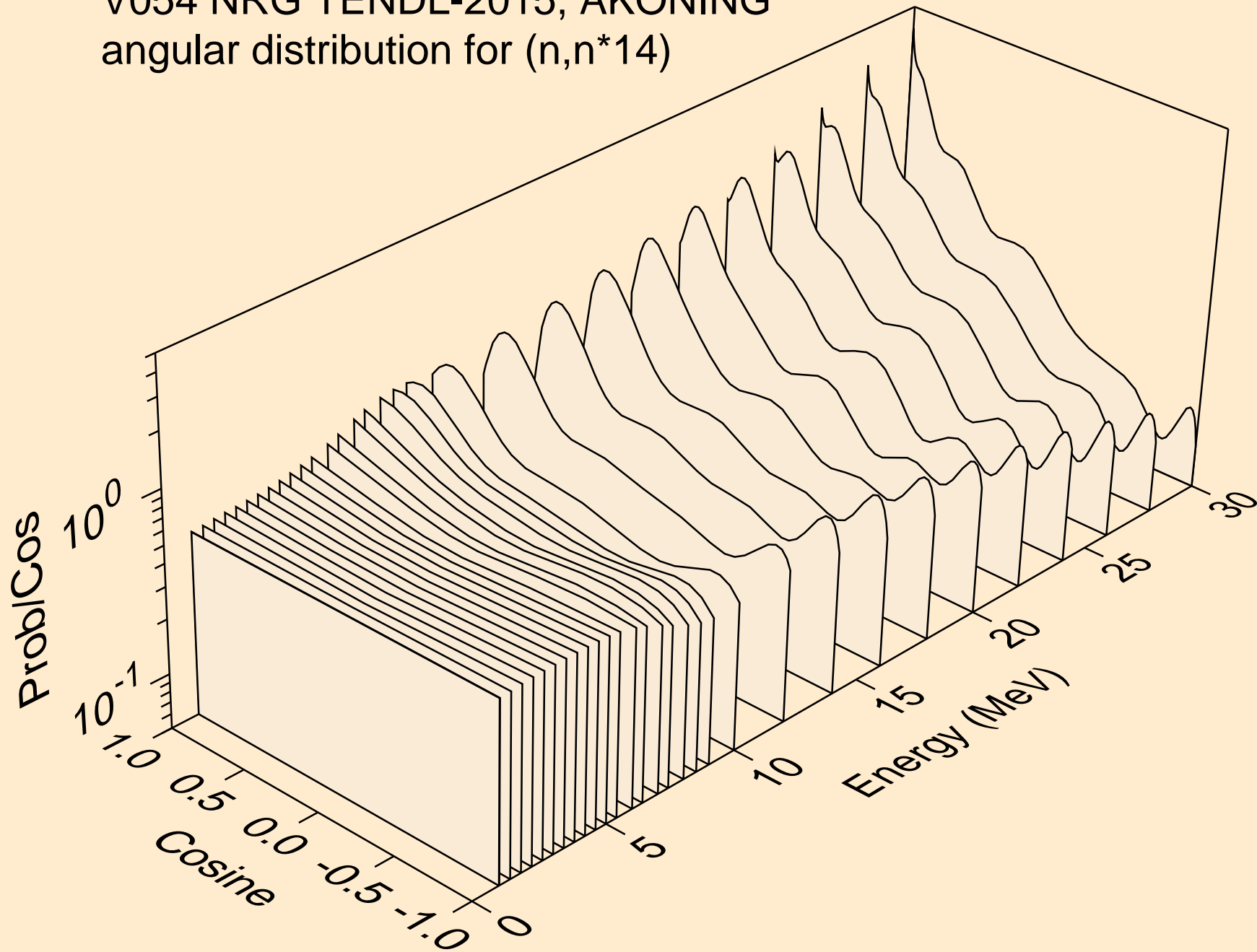
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

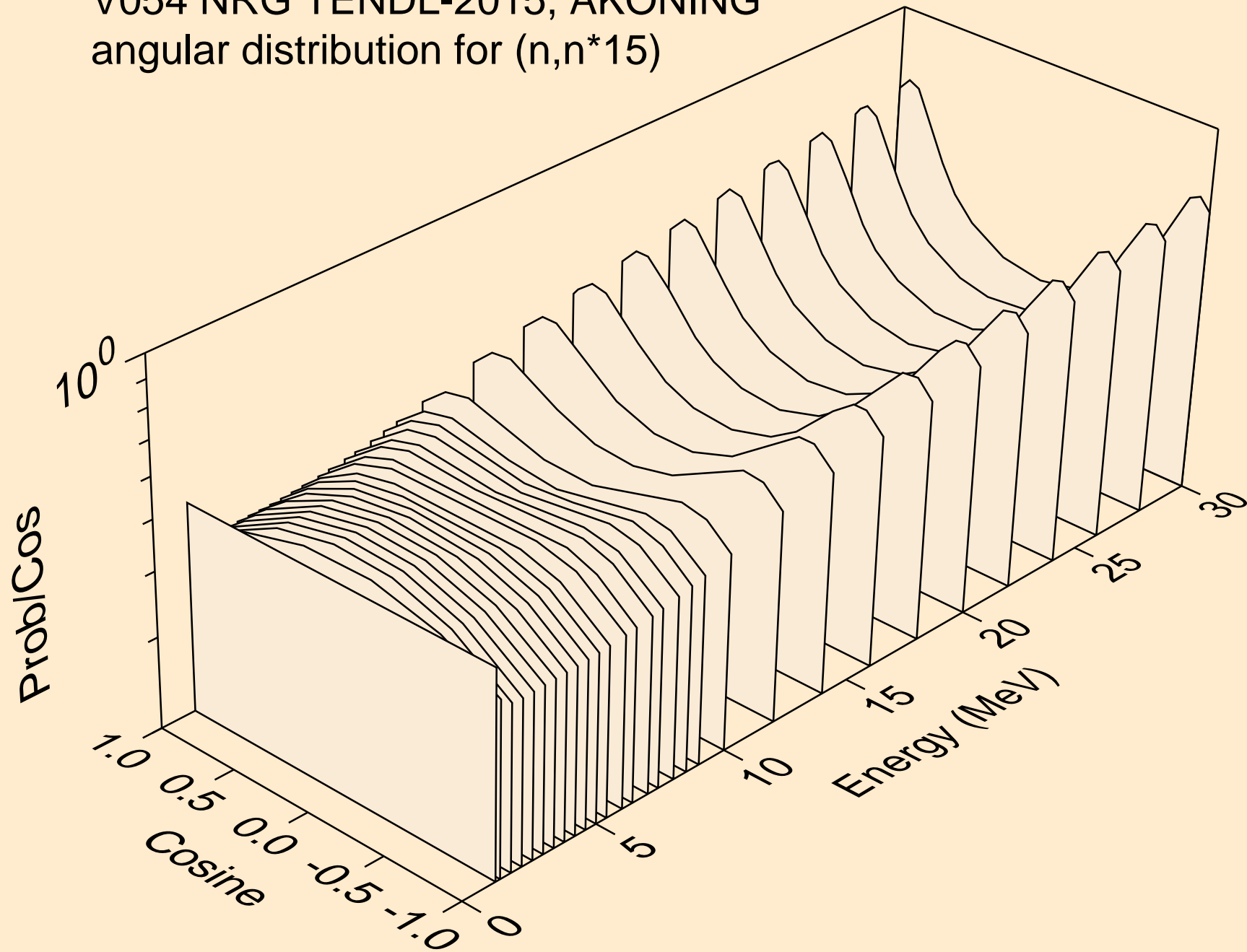


V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

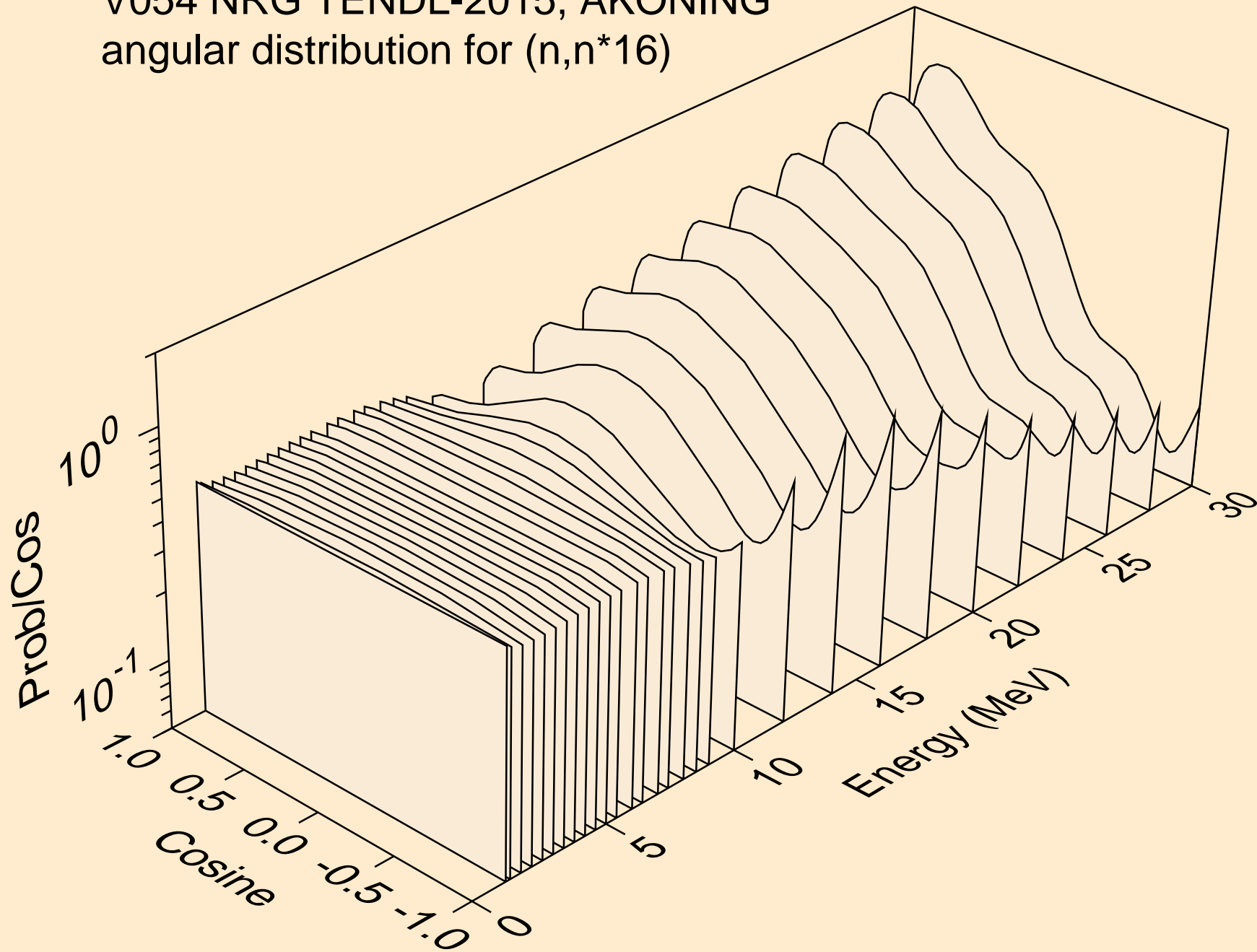




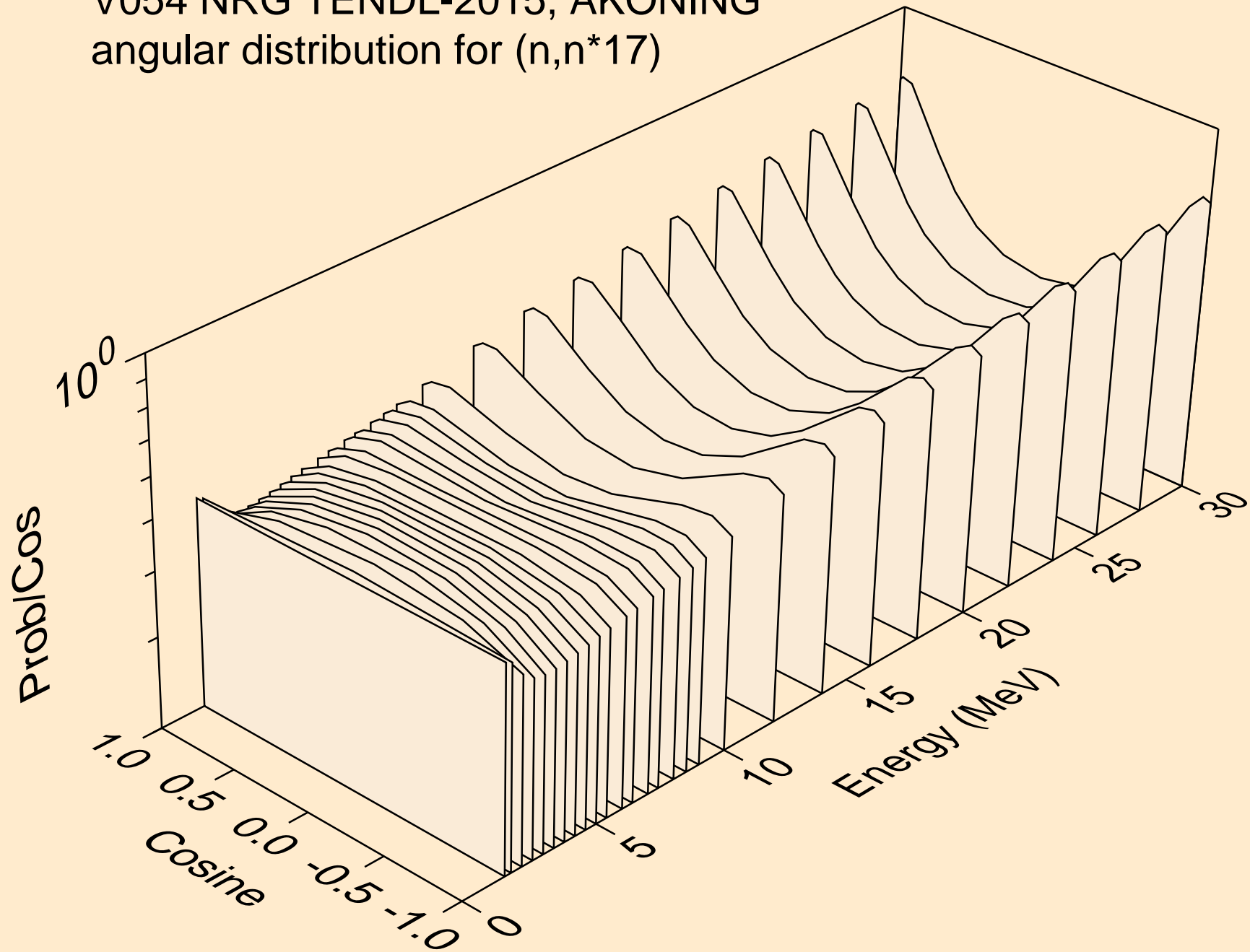
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angular distribution for (n,n\*15)



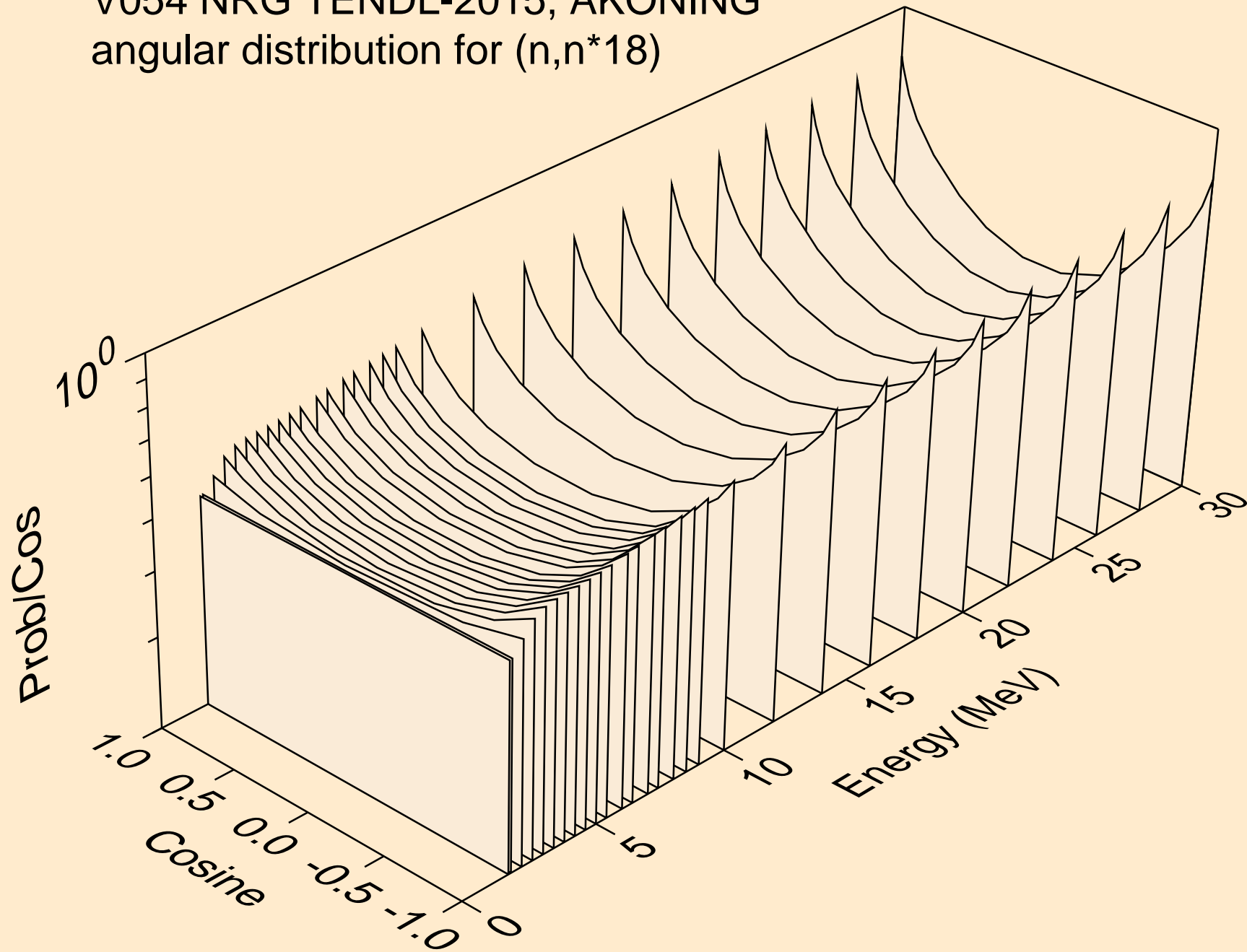
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angular distribution for (n,n\*16)



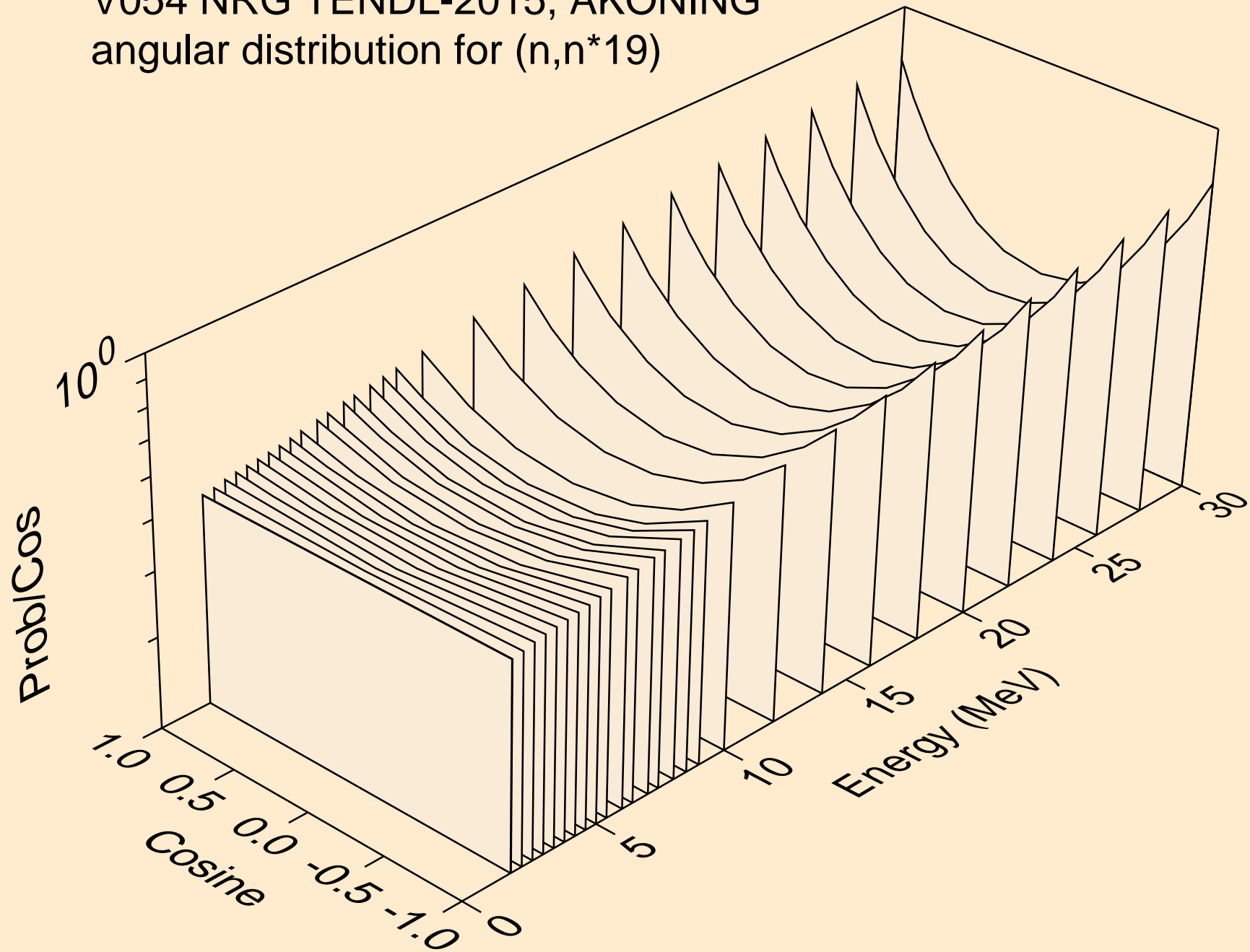
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angular distribution for (n,n\*17)



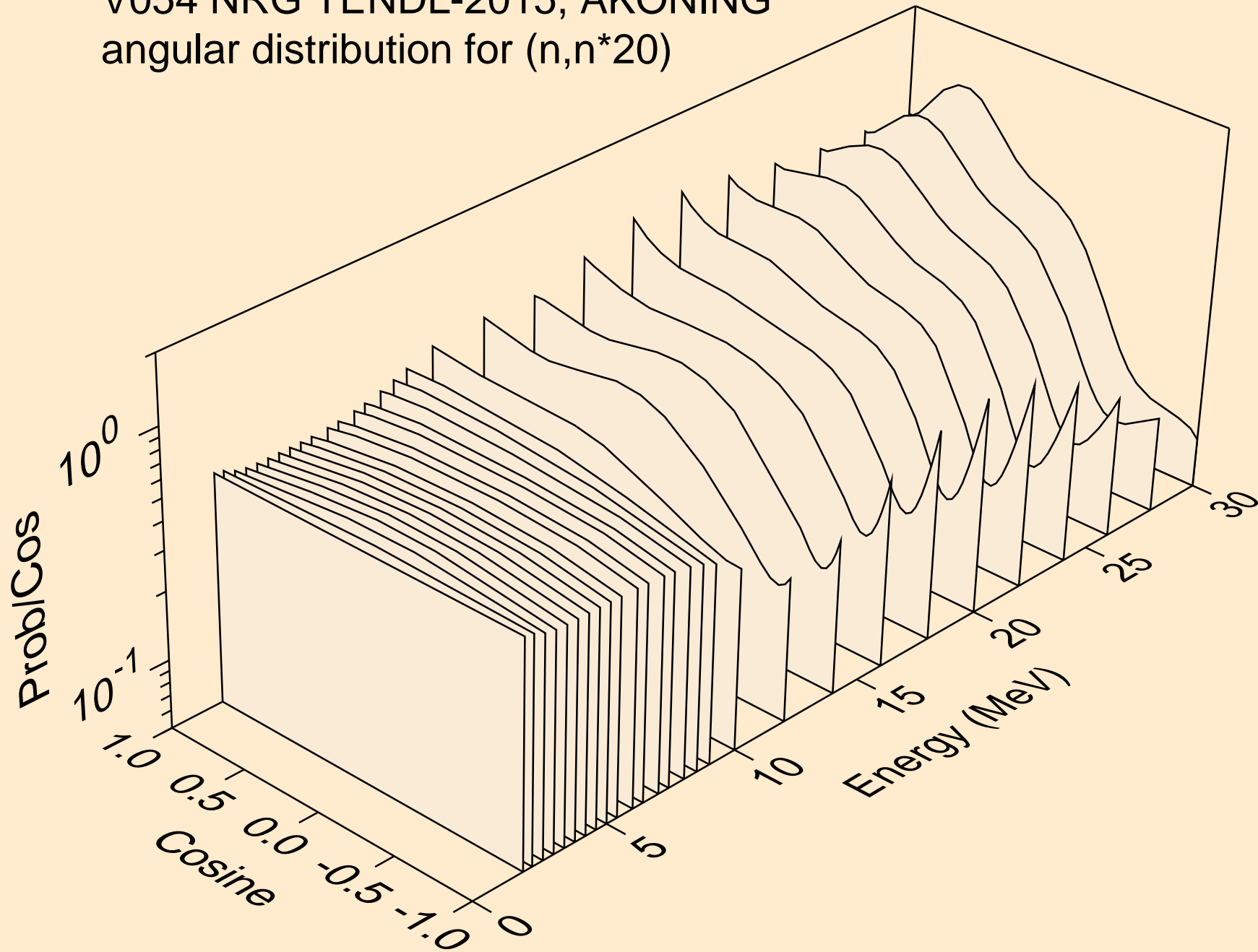
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



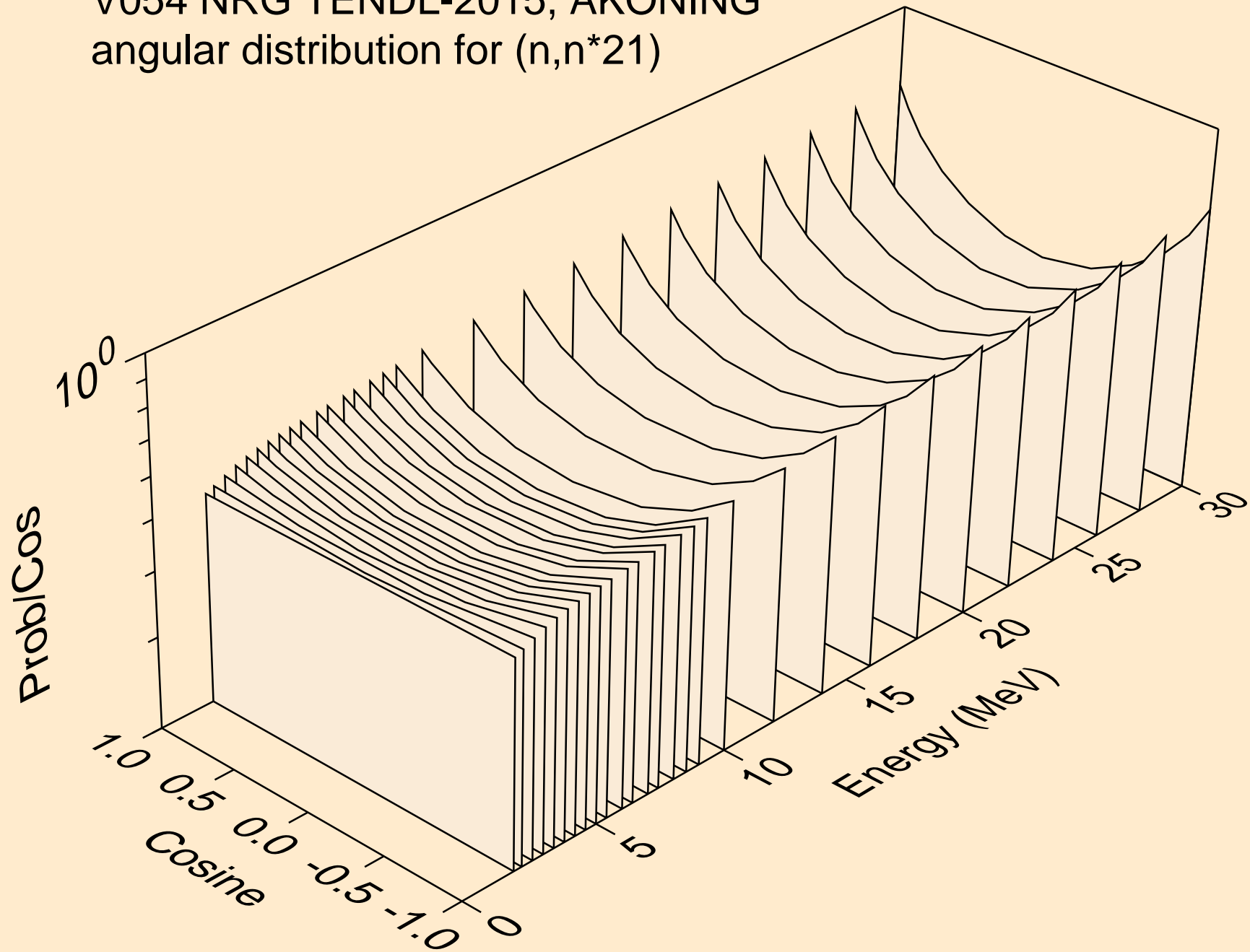
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angular distribution for (n,n\*19)



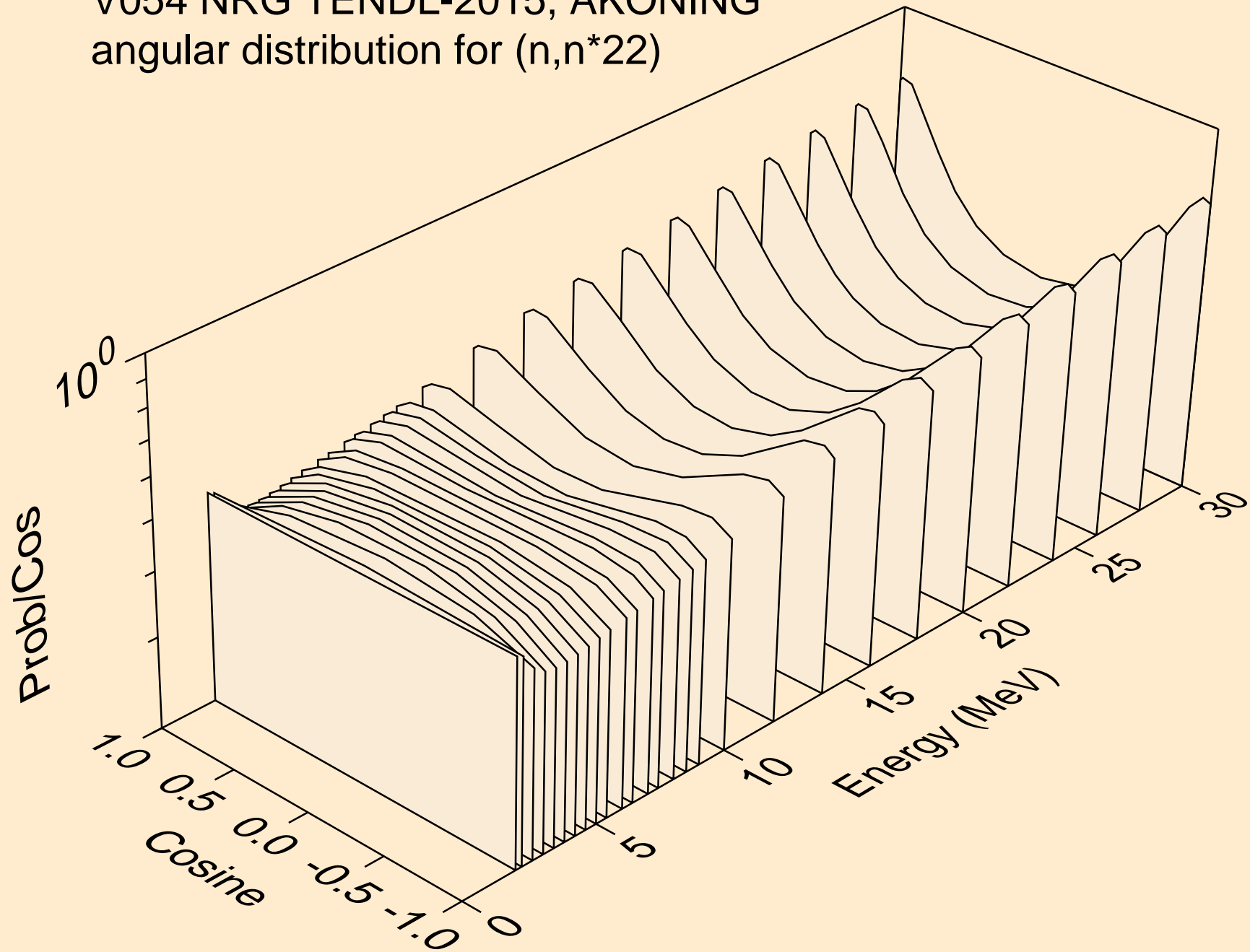
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

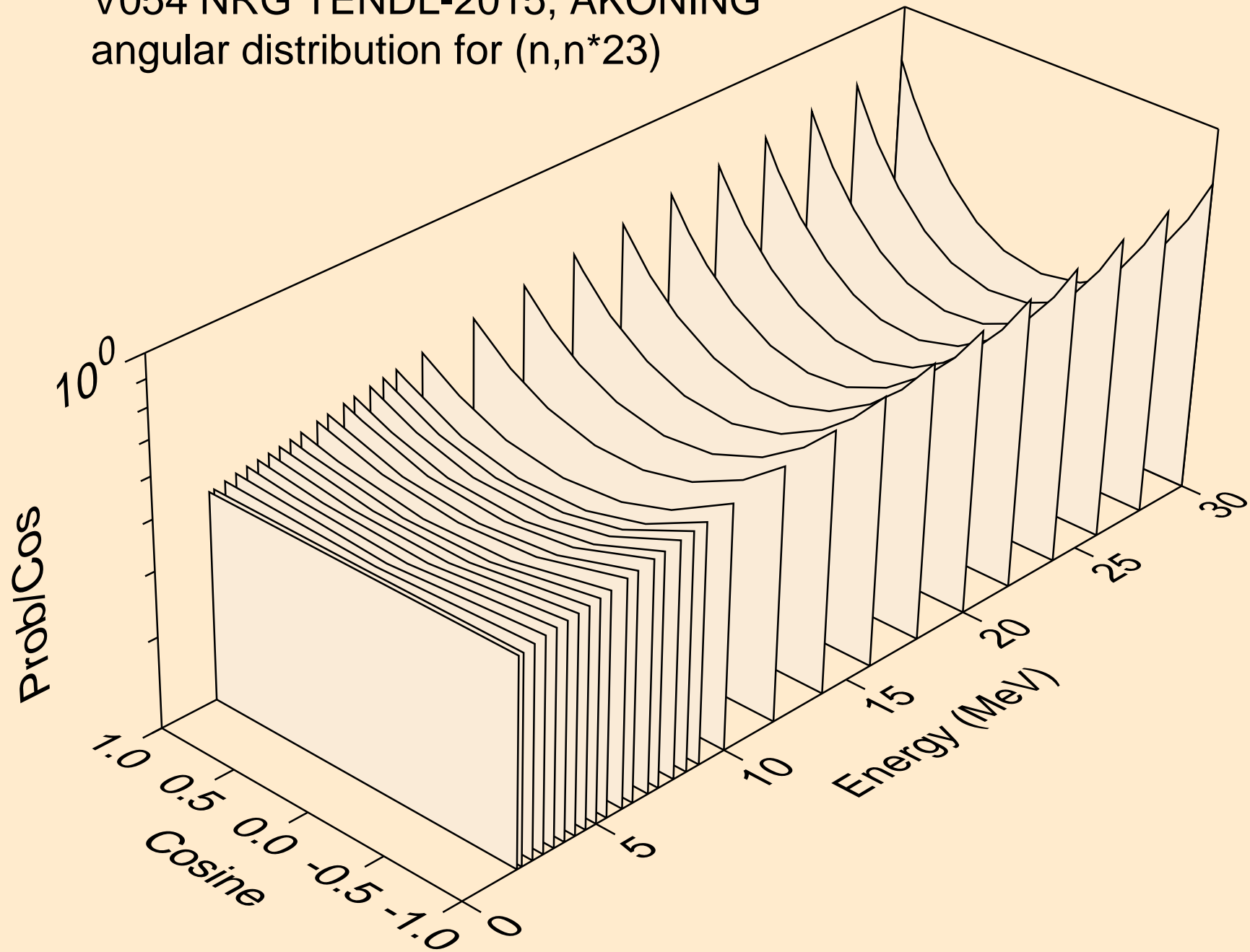


V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

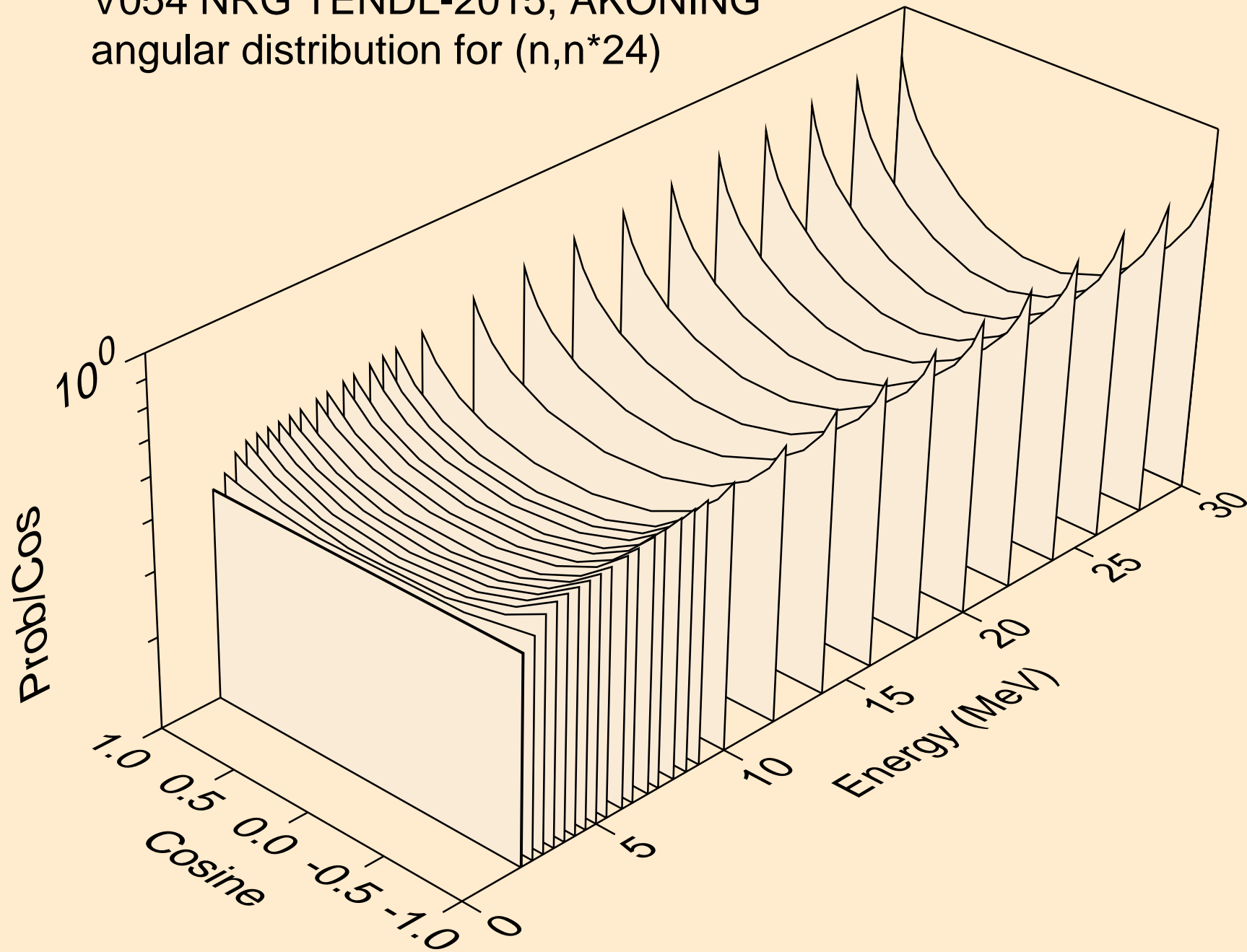




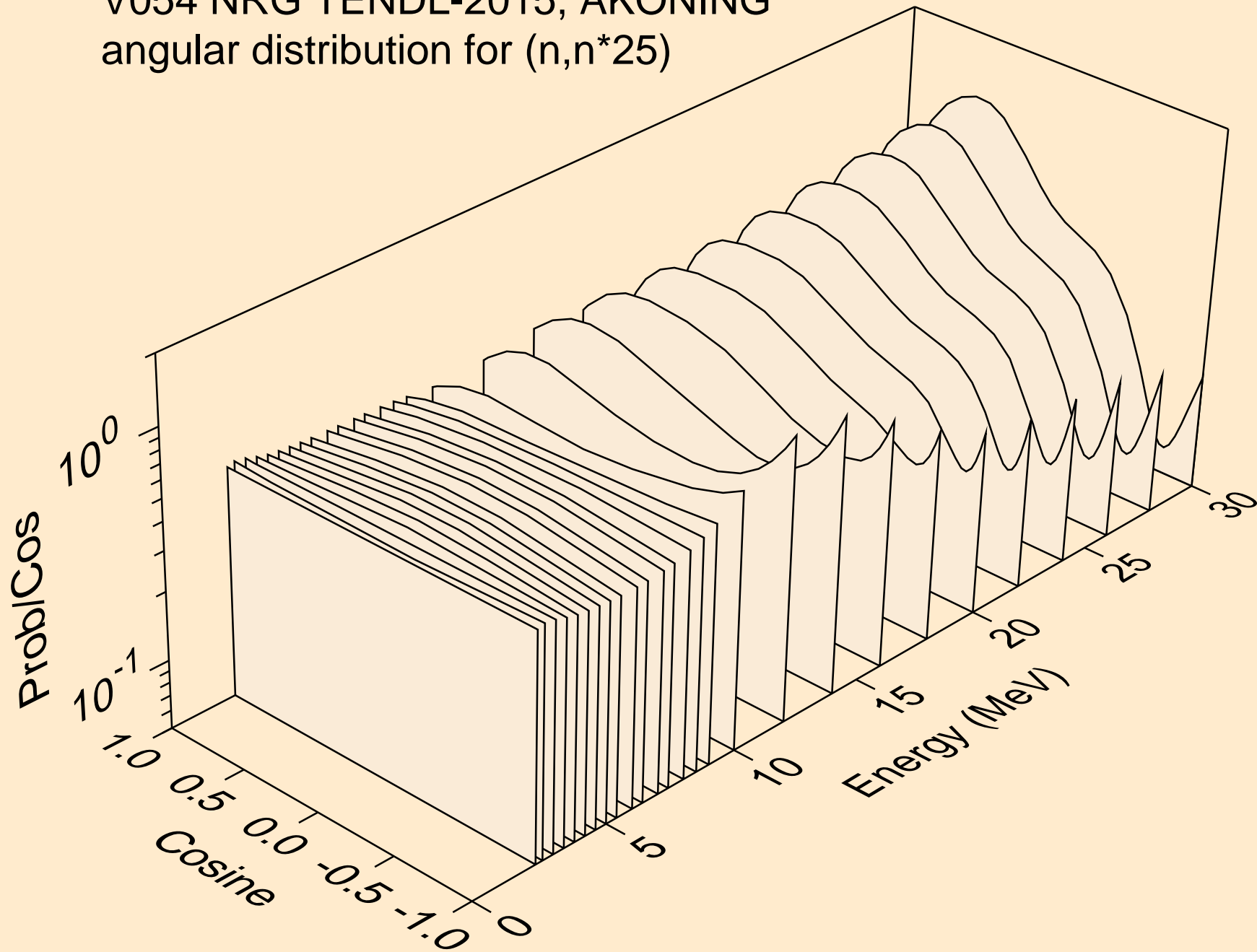
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angular distribution for (n,n\*23)



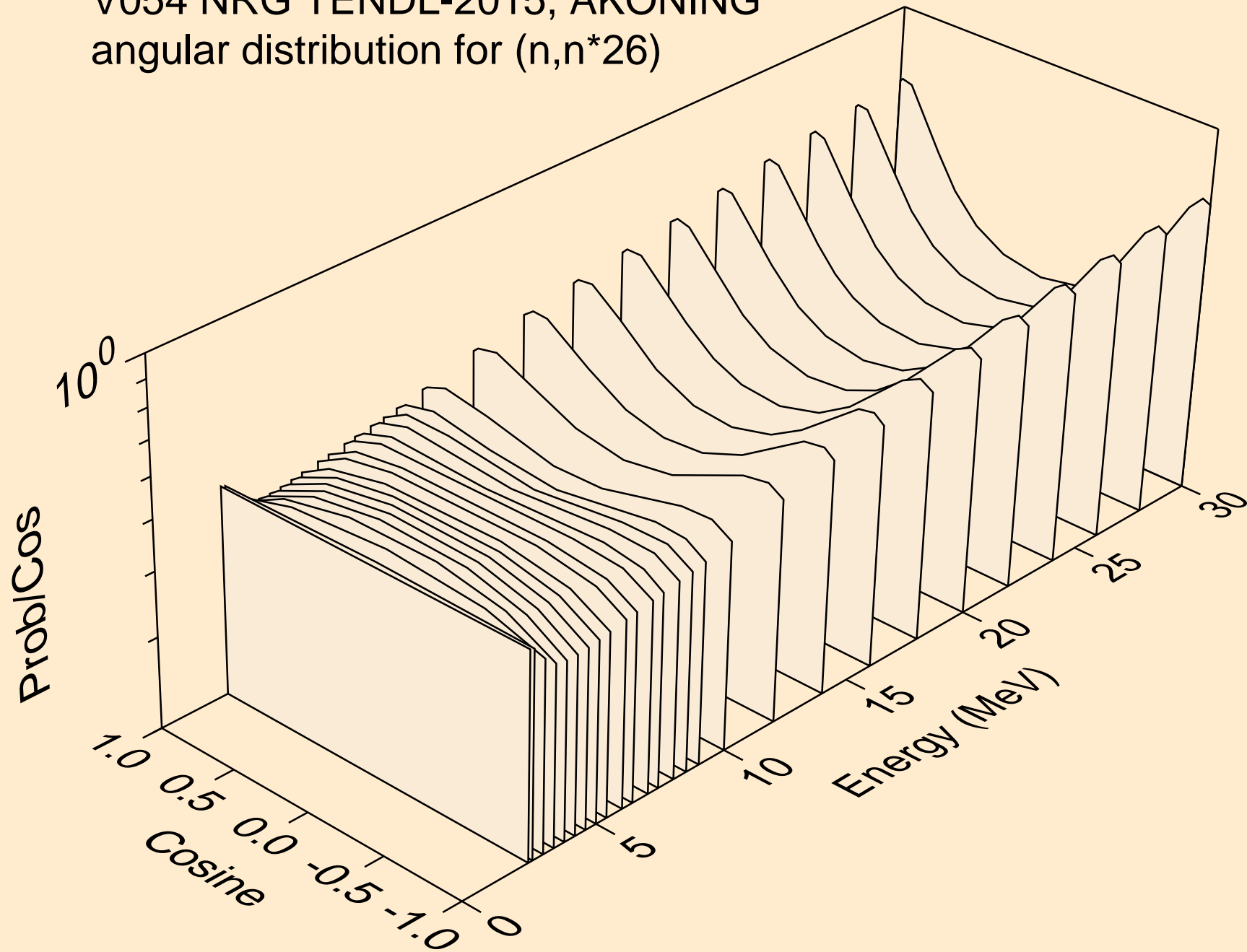
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



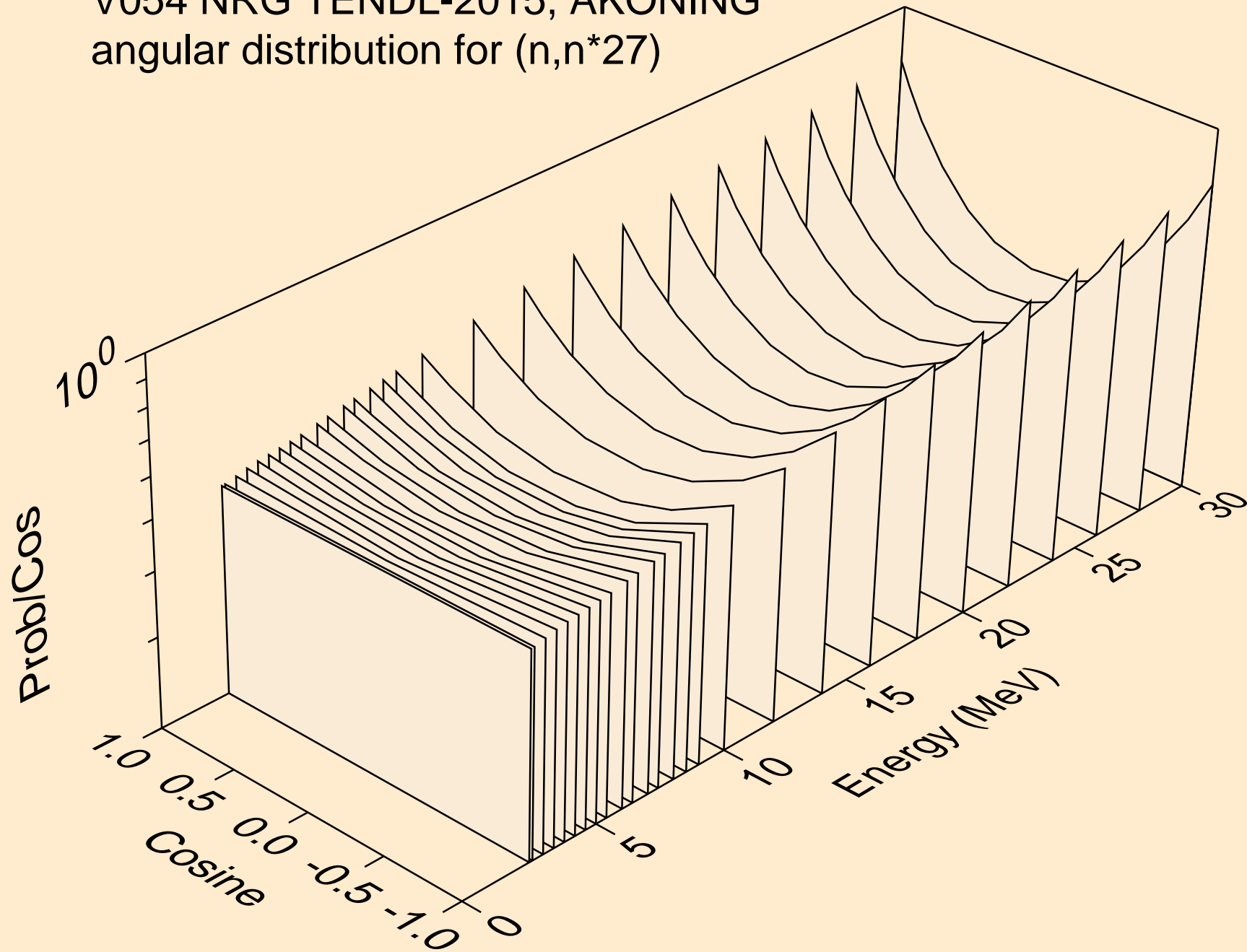
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



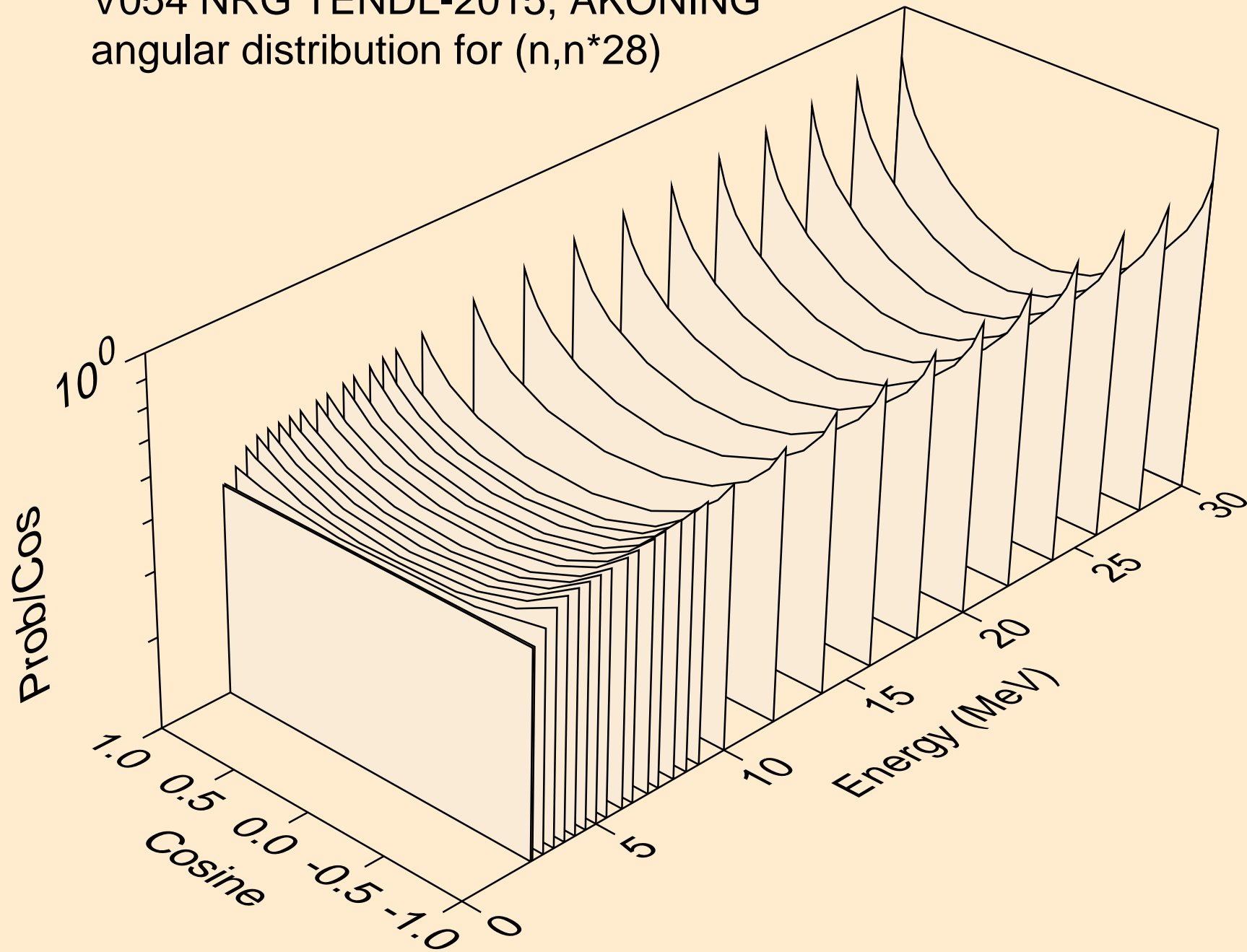
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



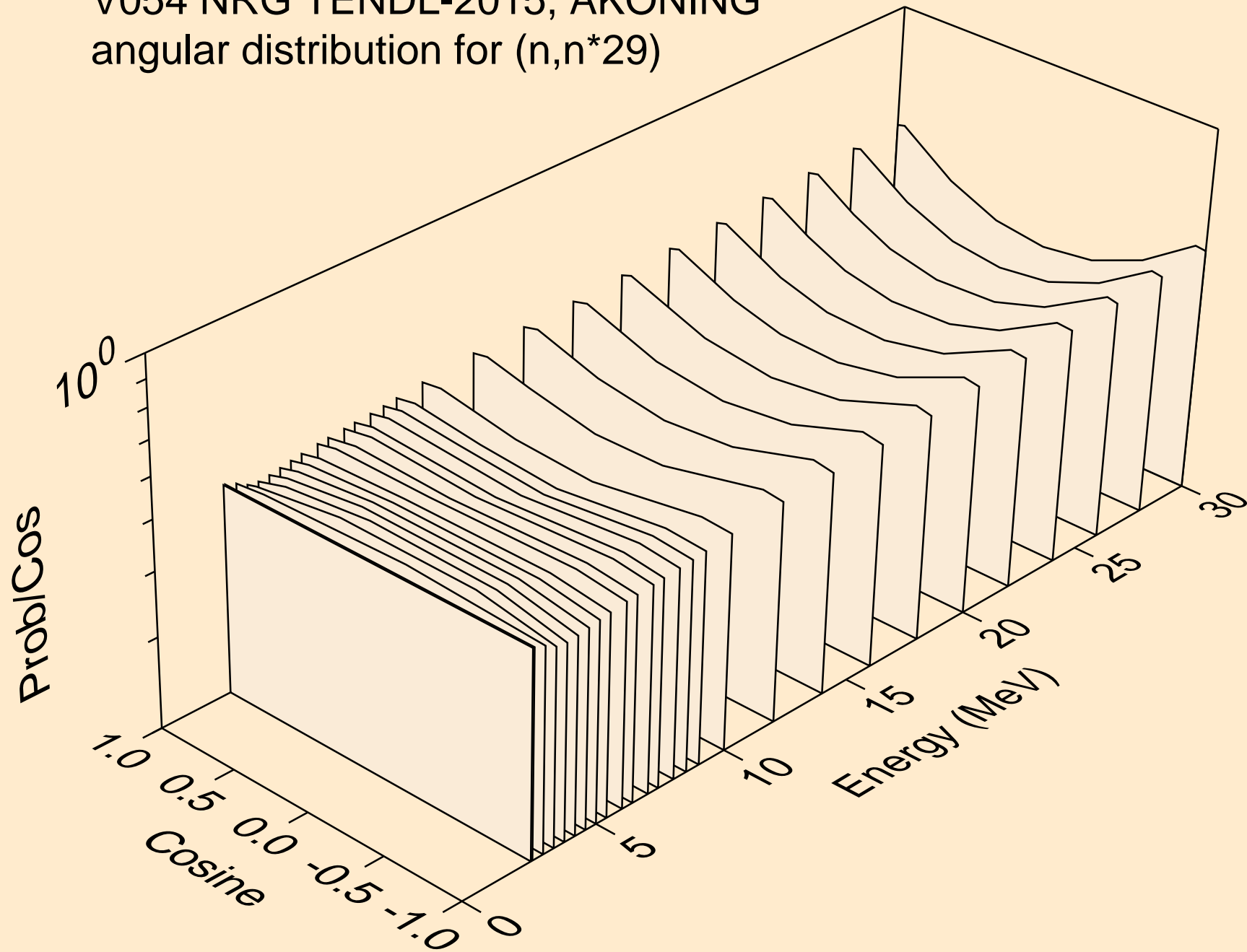
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



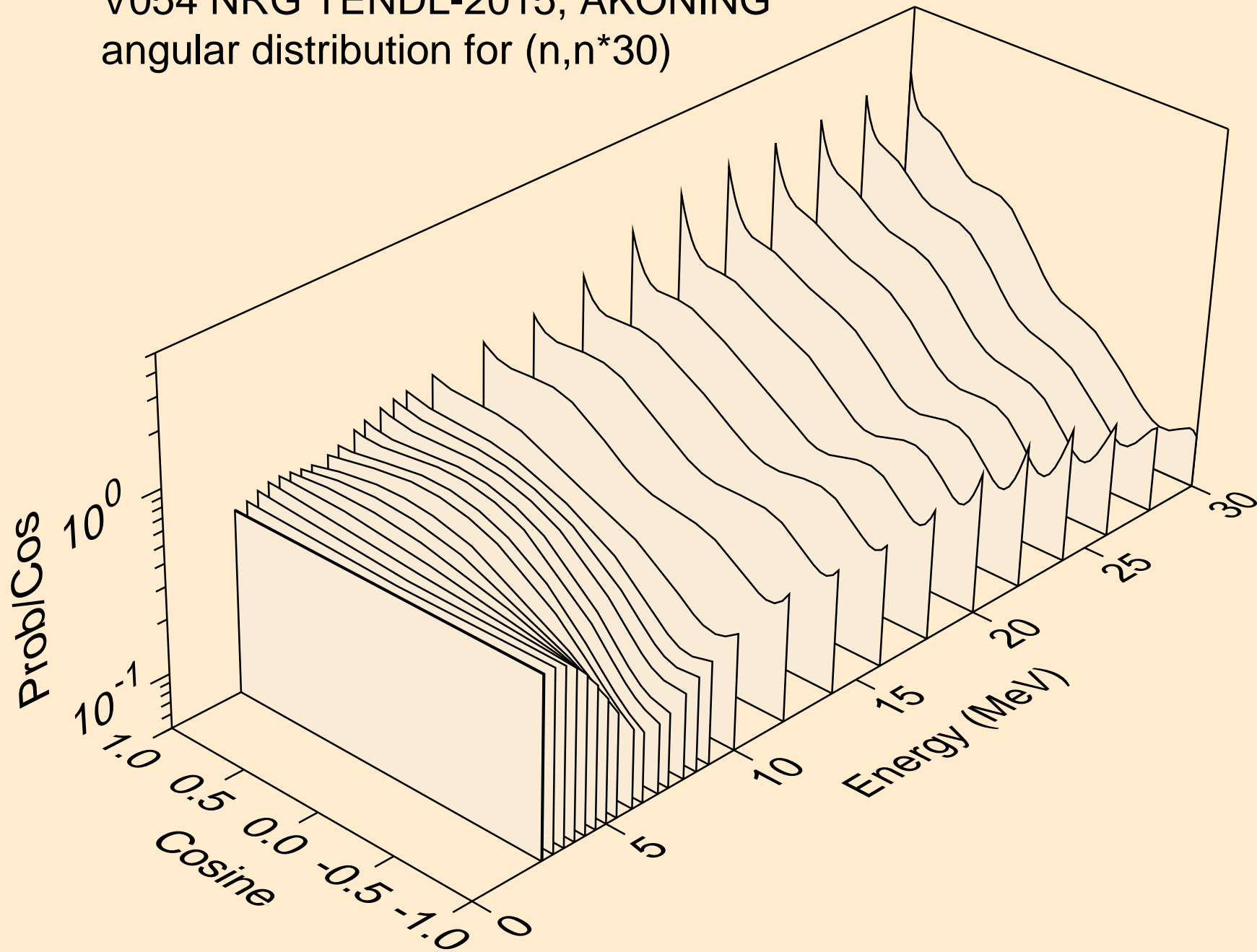
V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

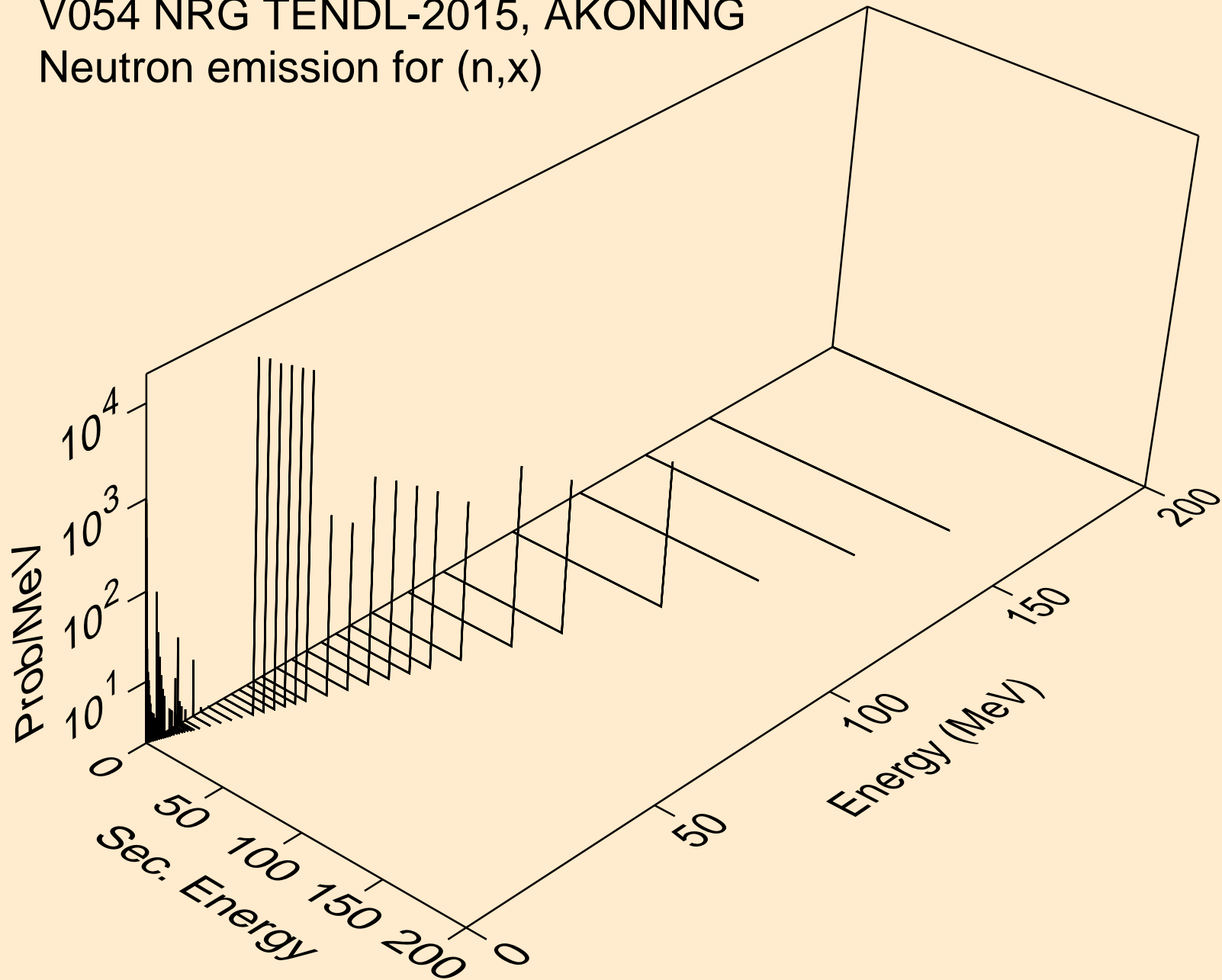


V054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

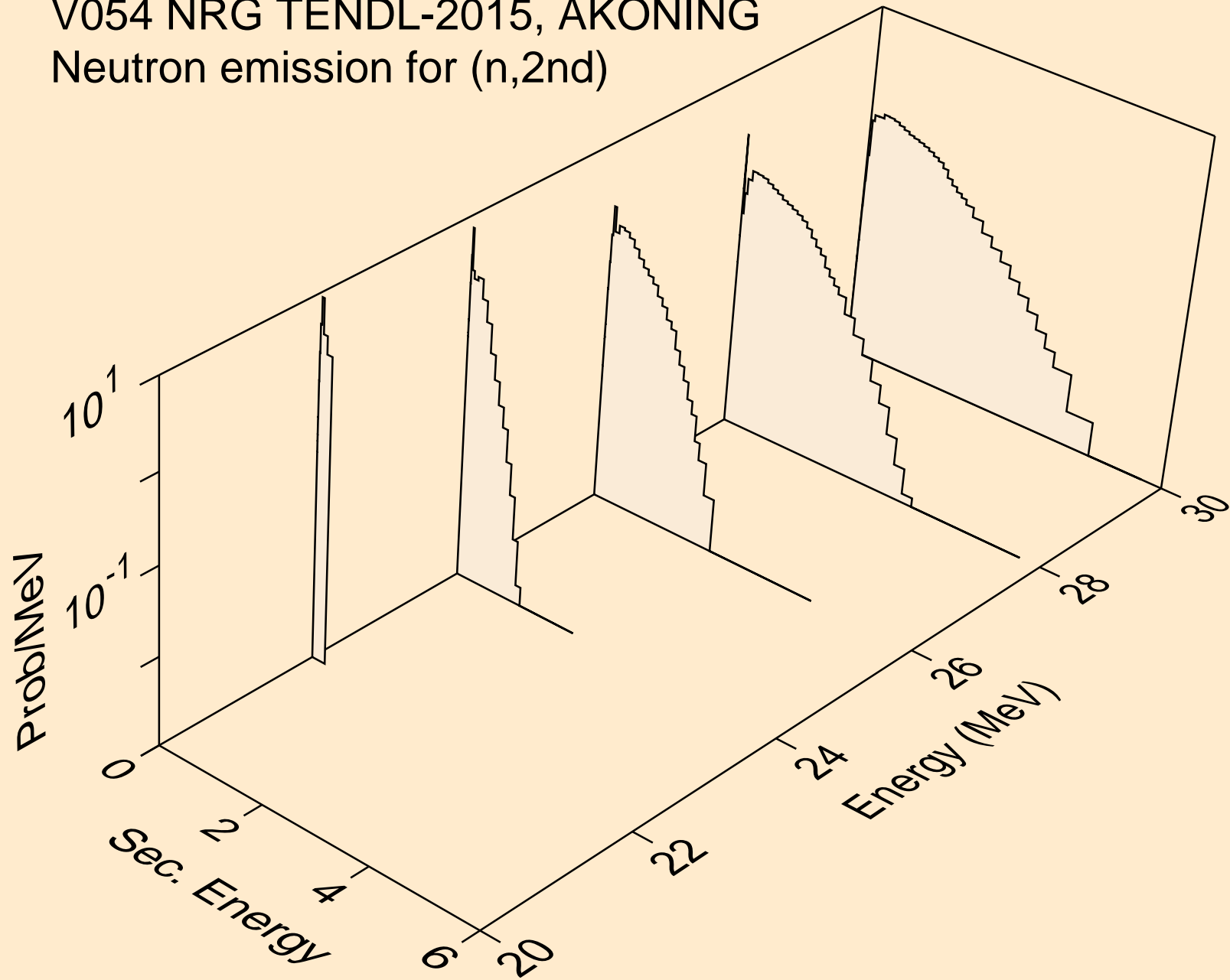




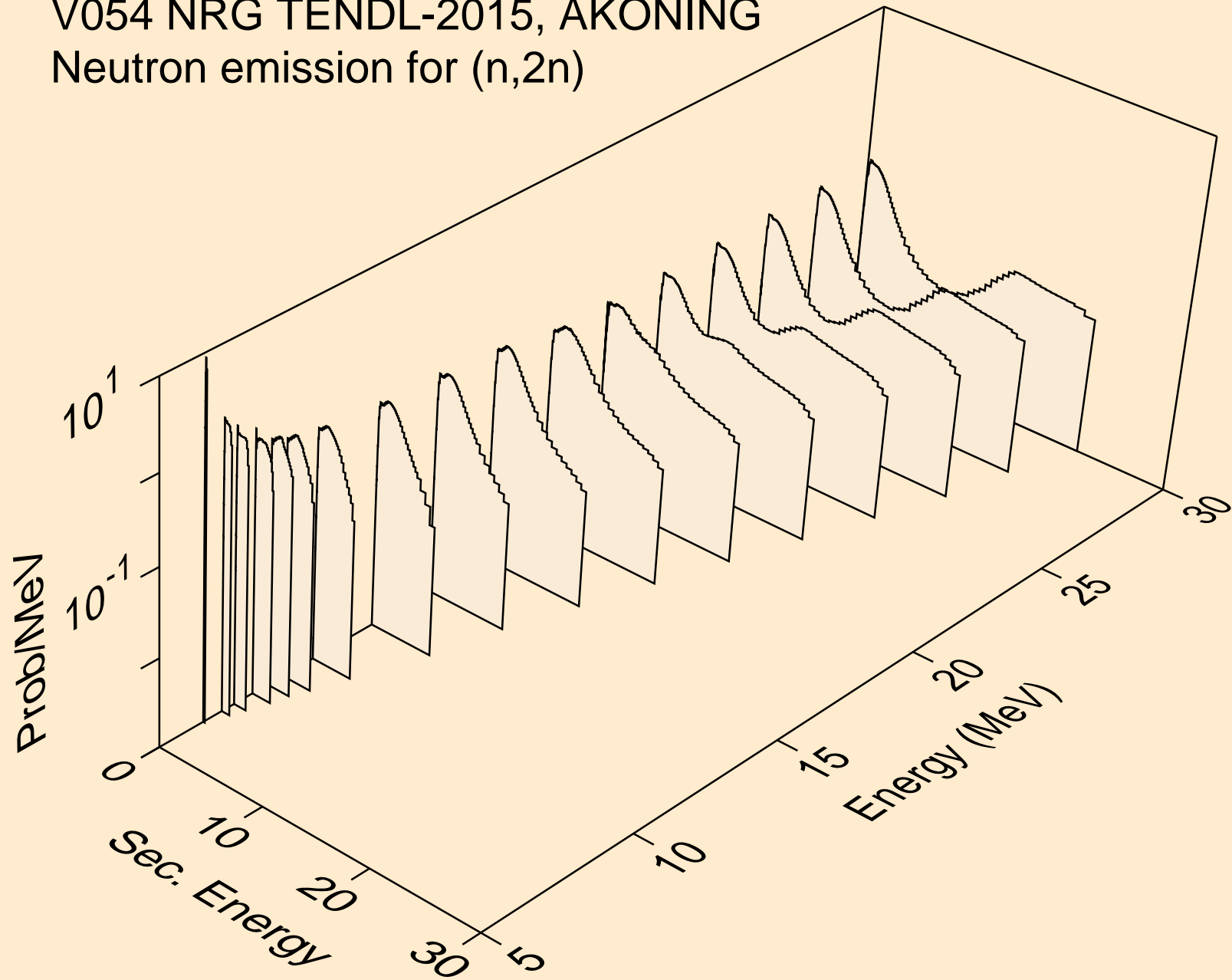
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



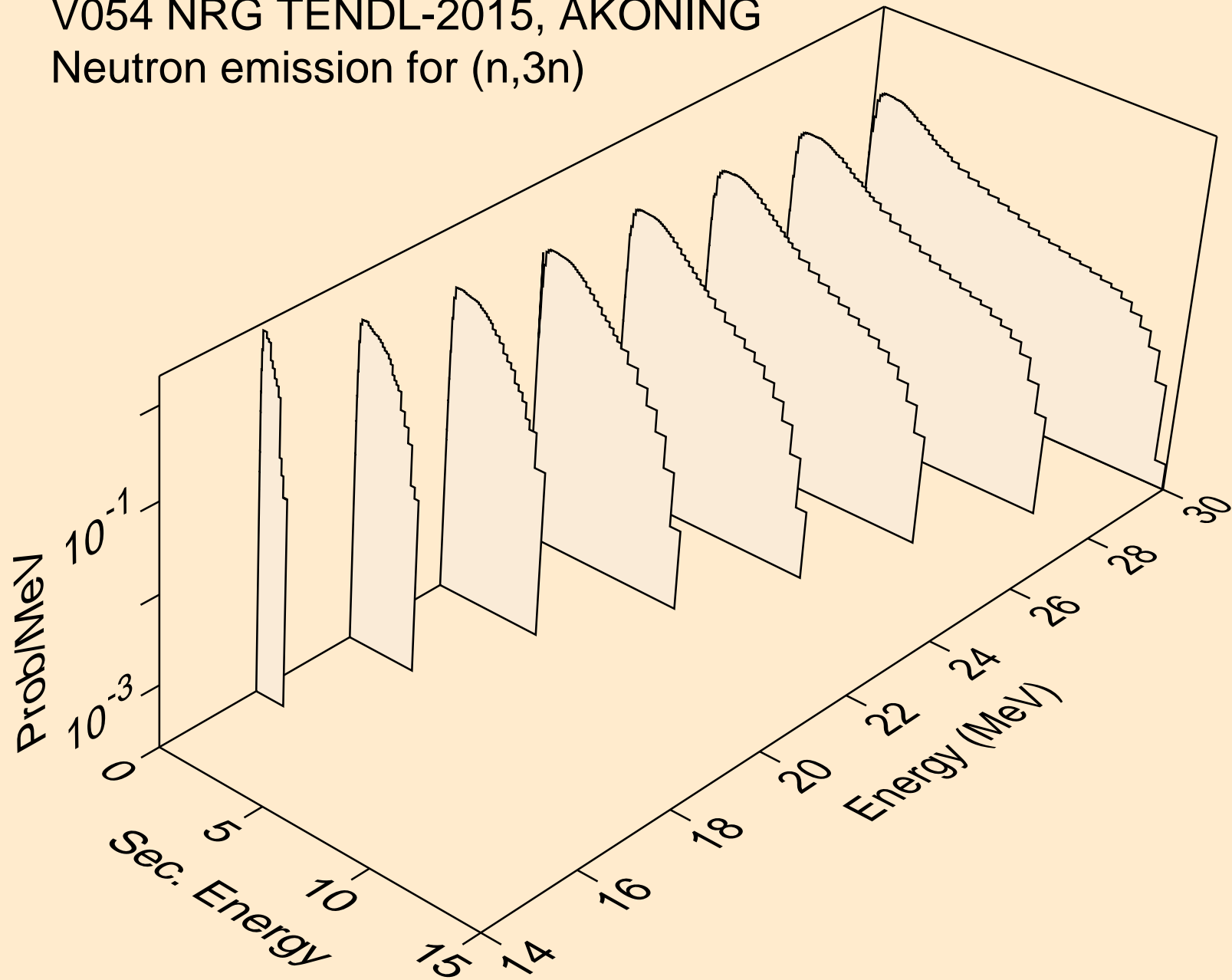
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



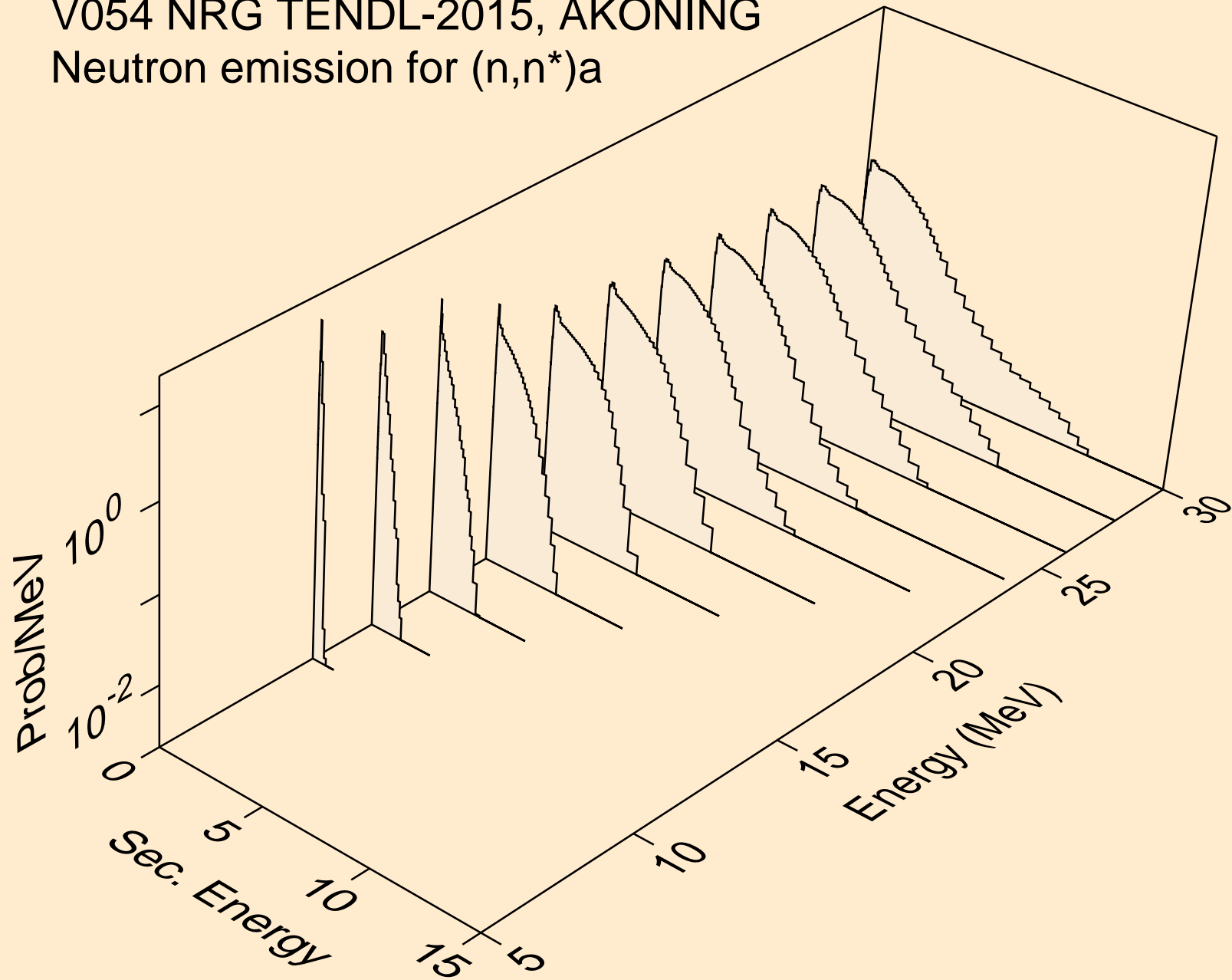
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



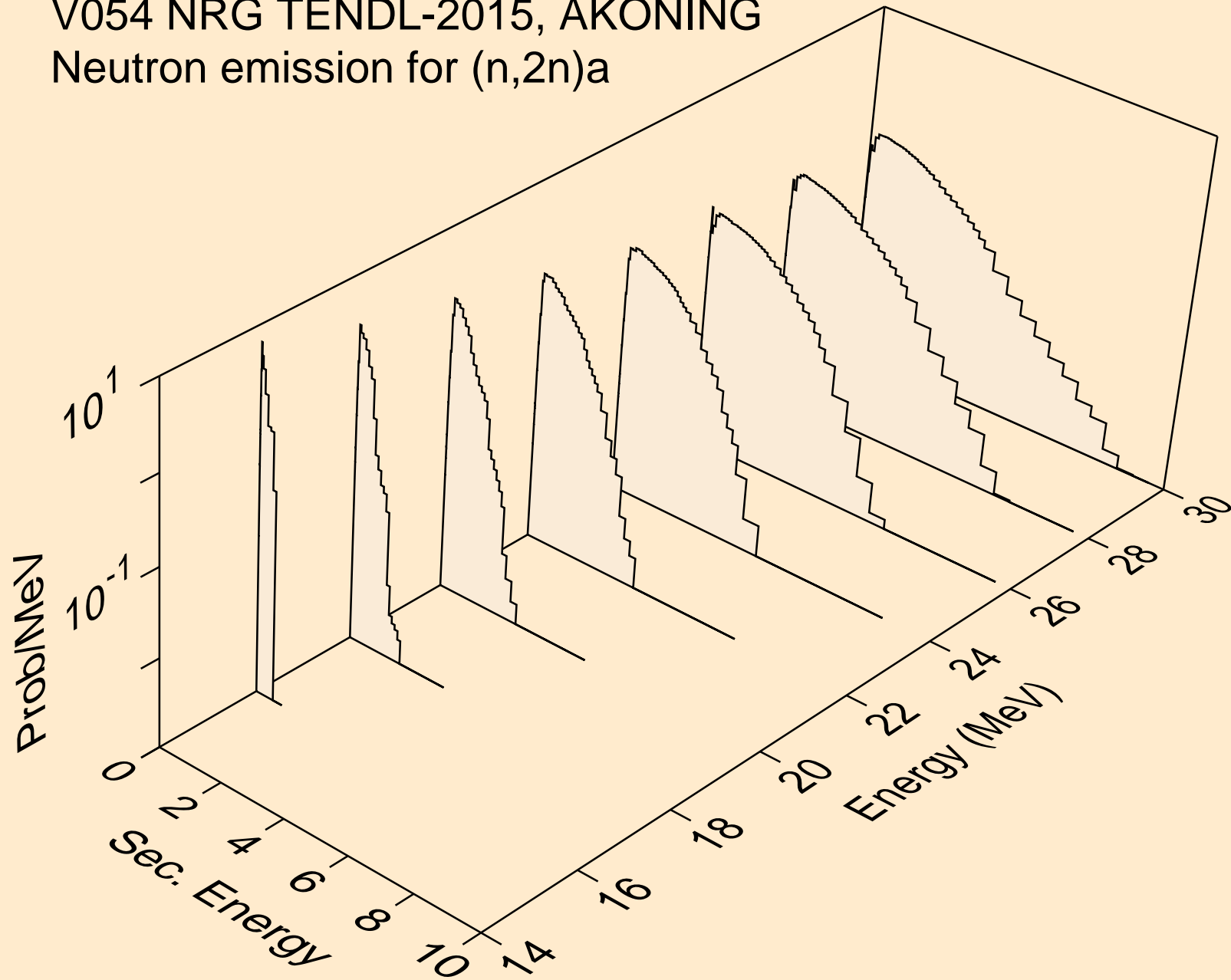
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



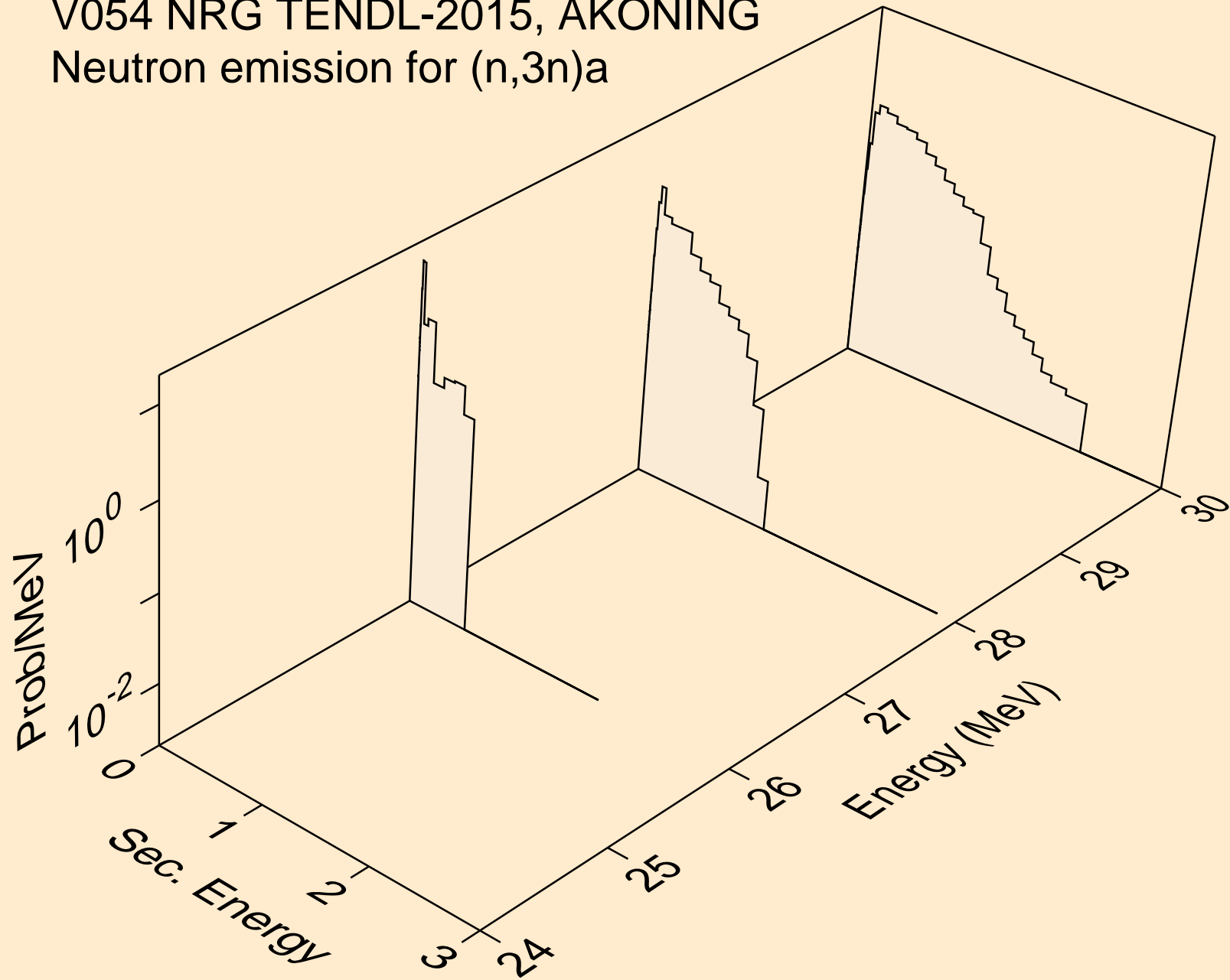
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



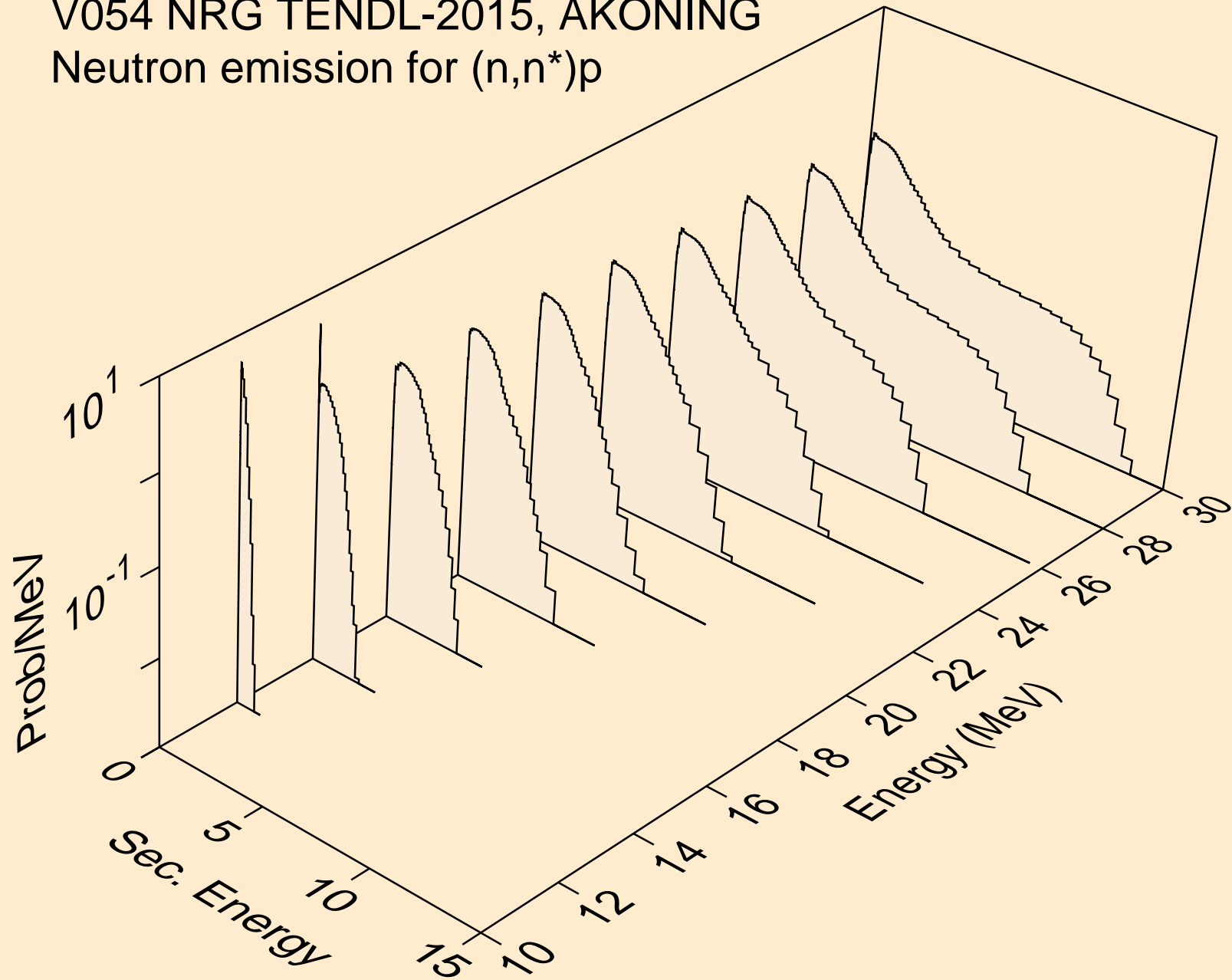
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

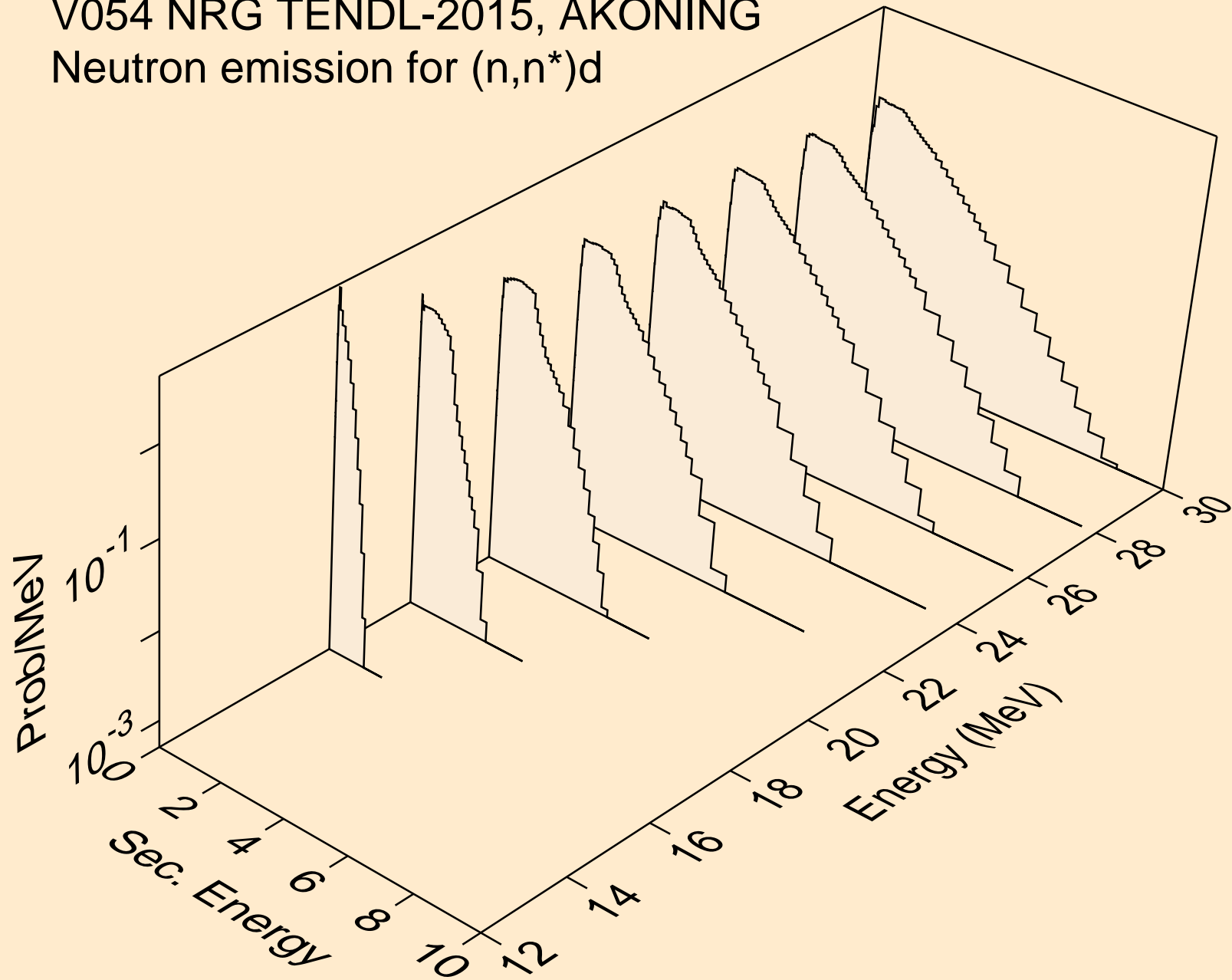


V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

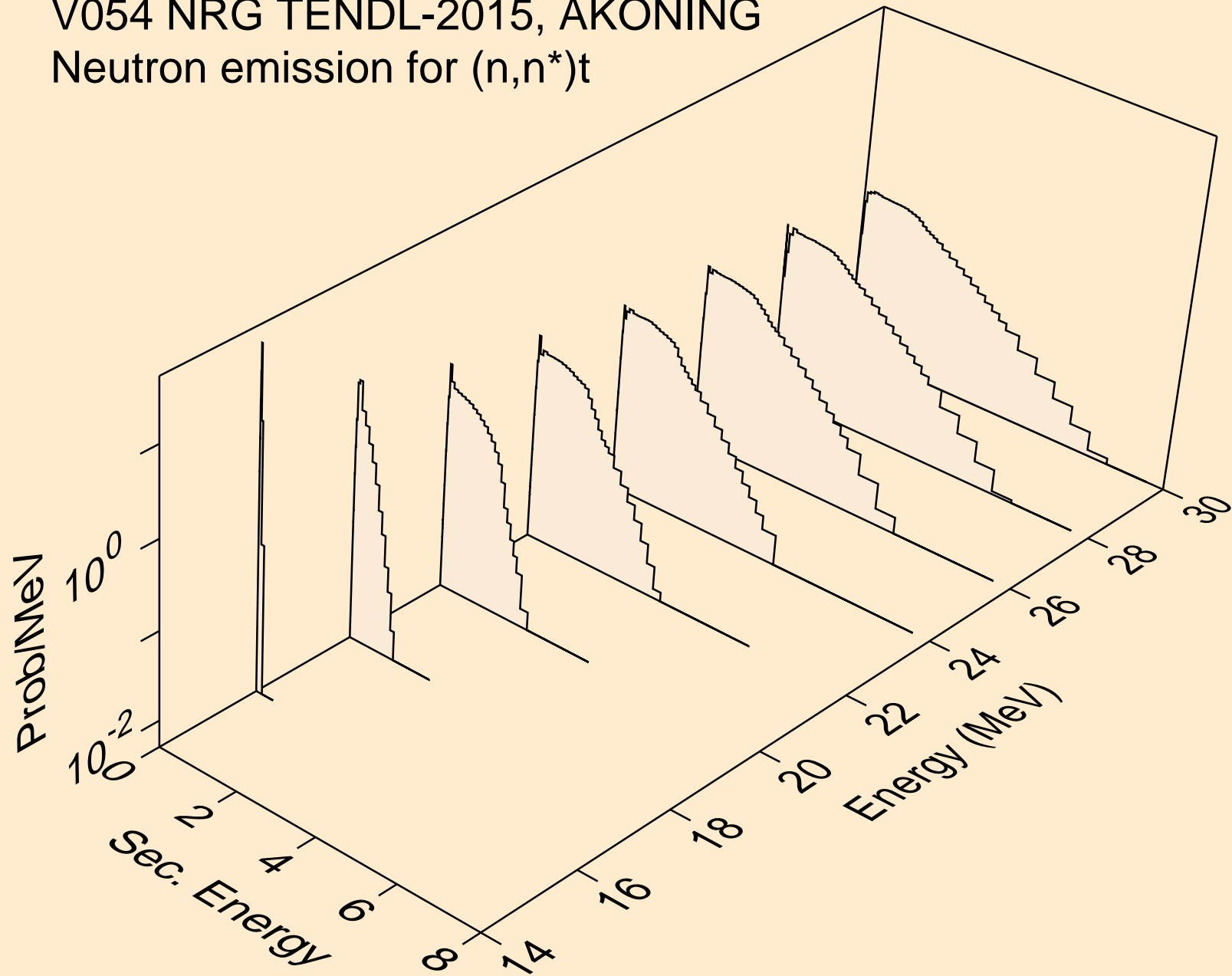




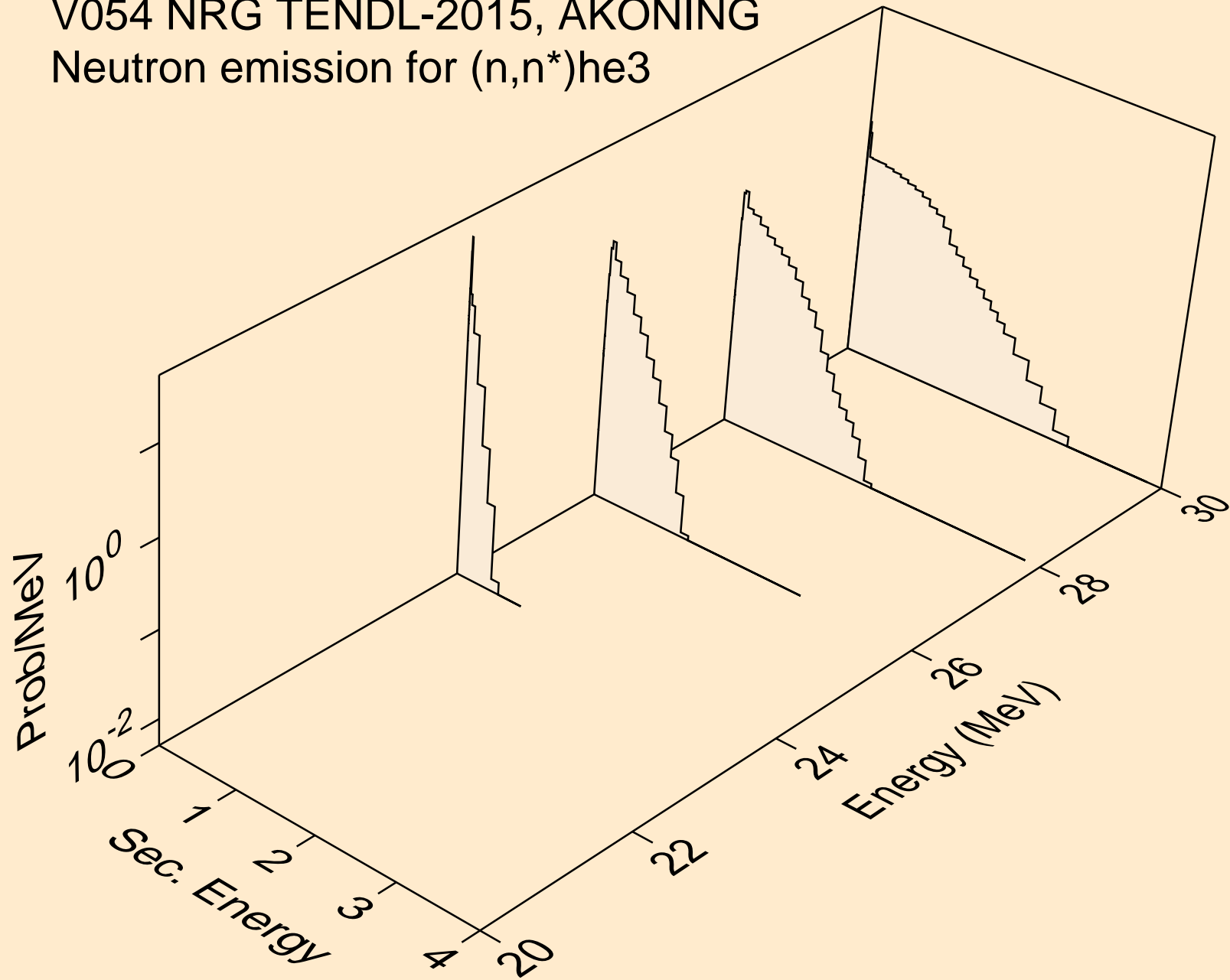
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



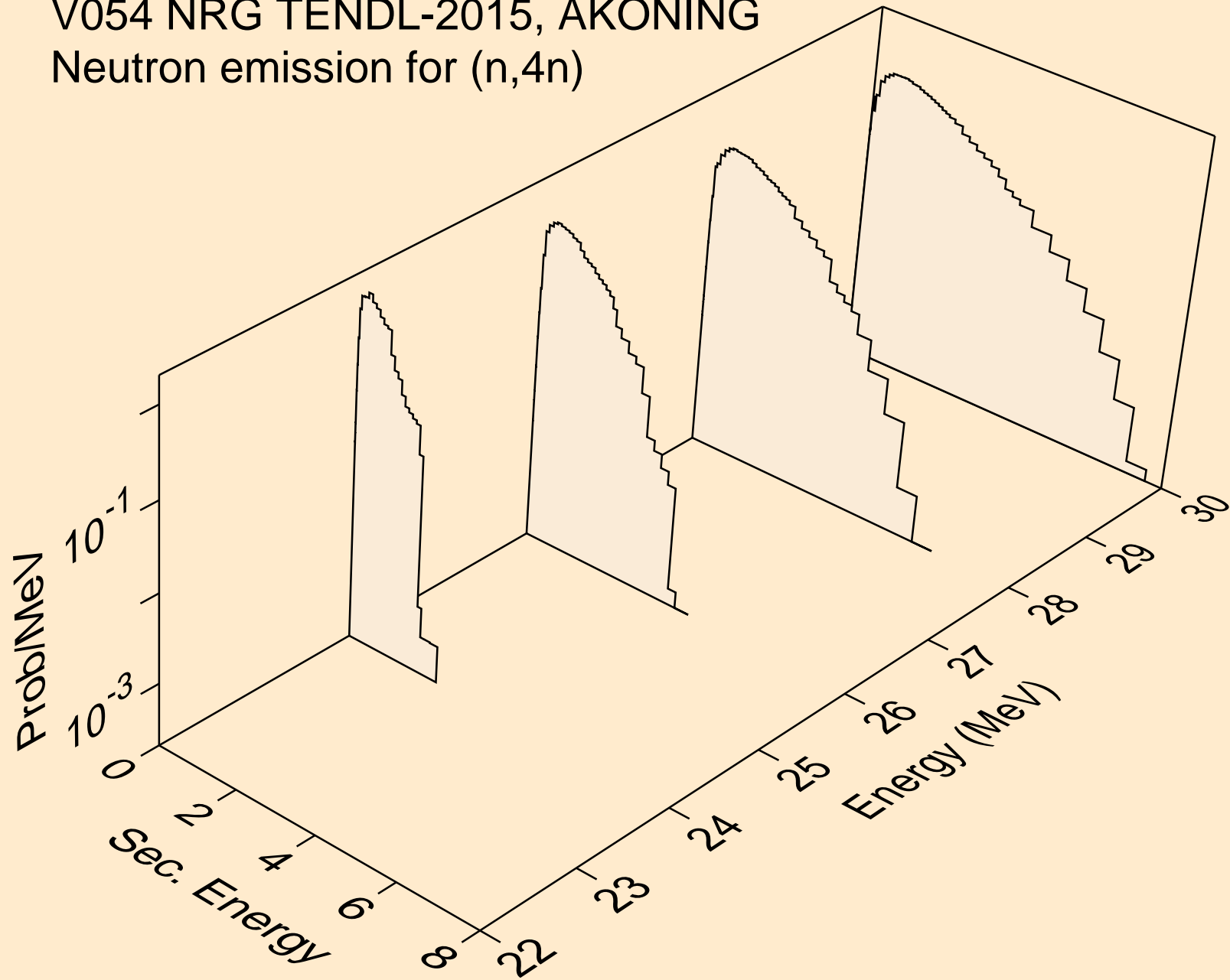
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Neutron emission for (n,n\*)t



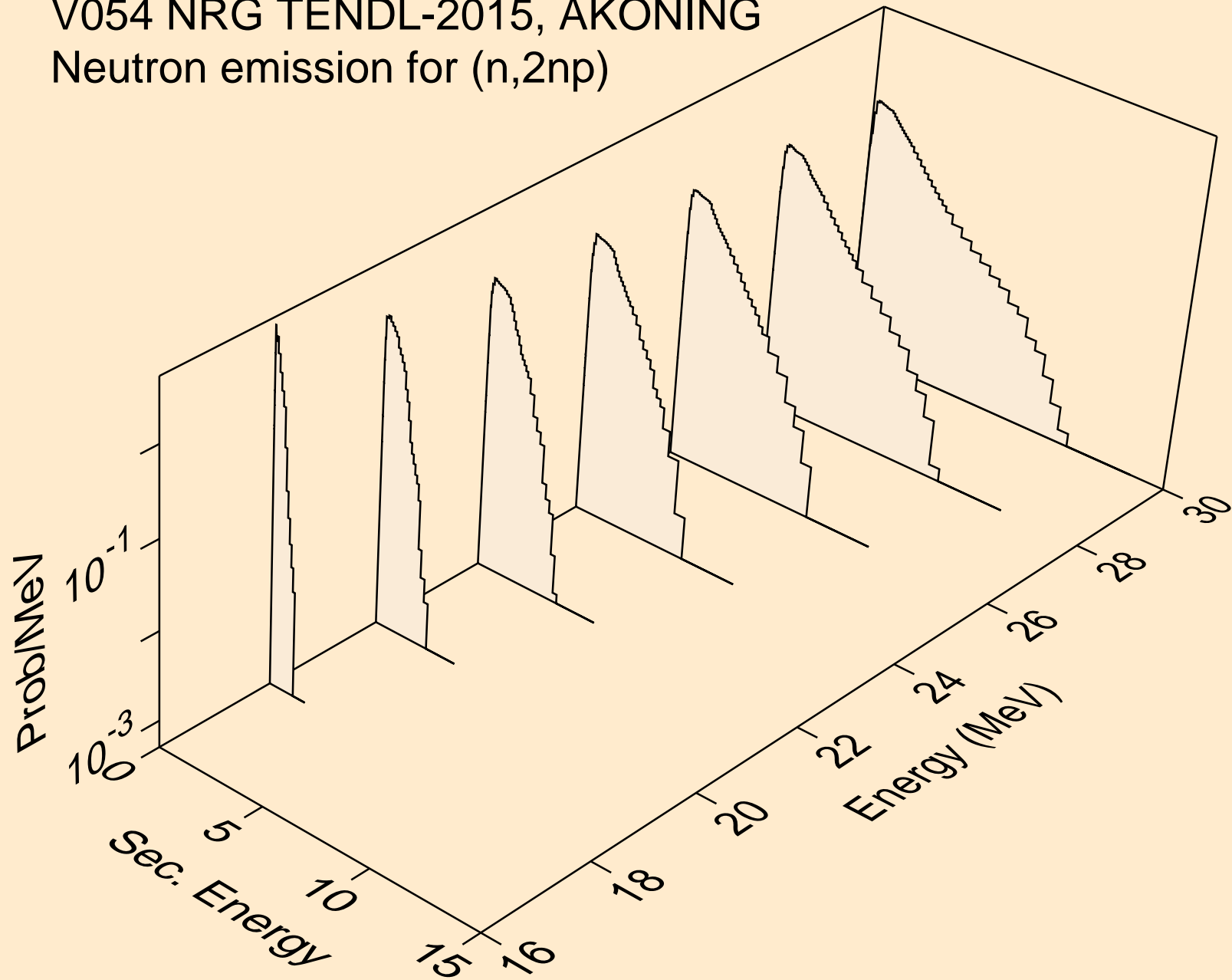
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



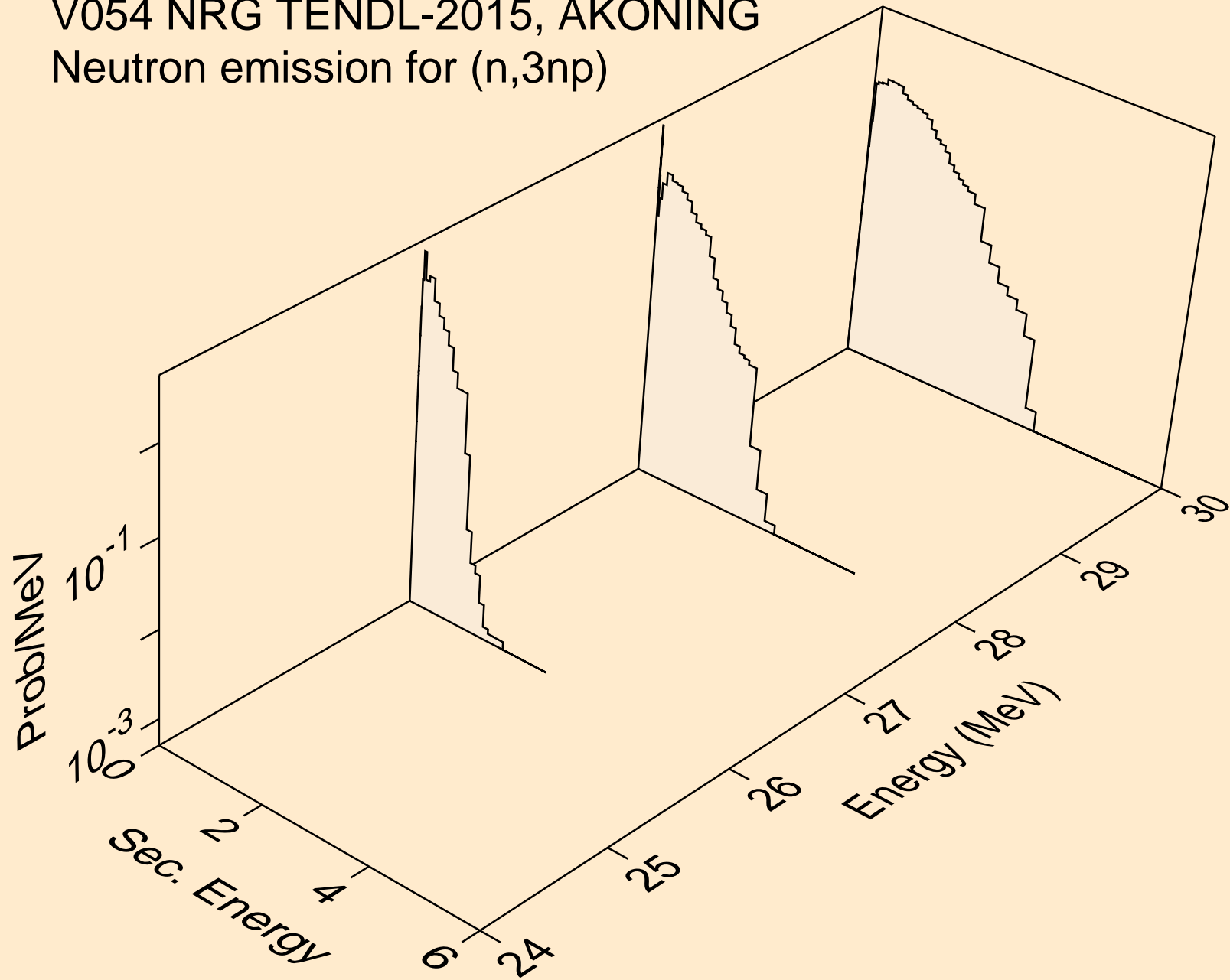
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



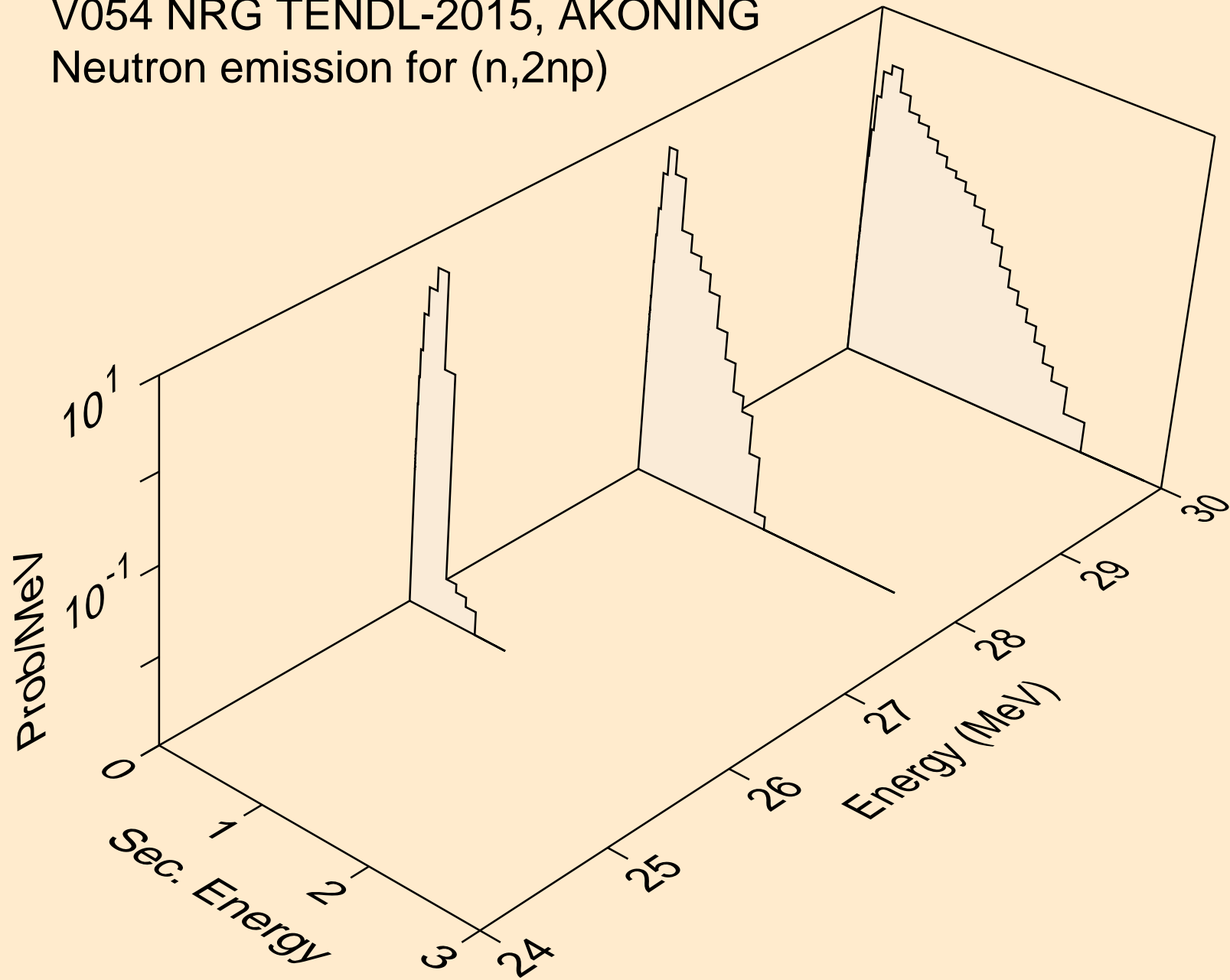
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



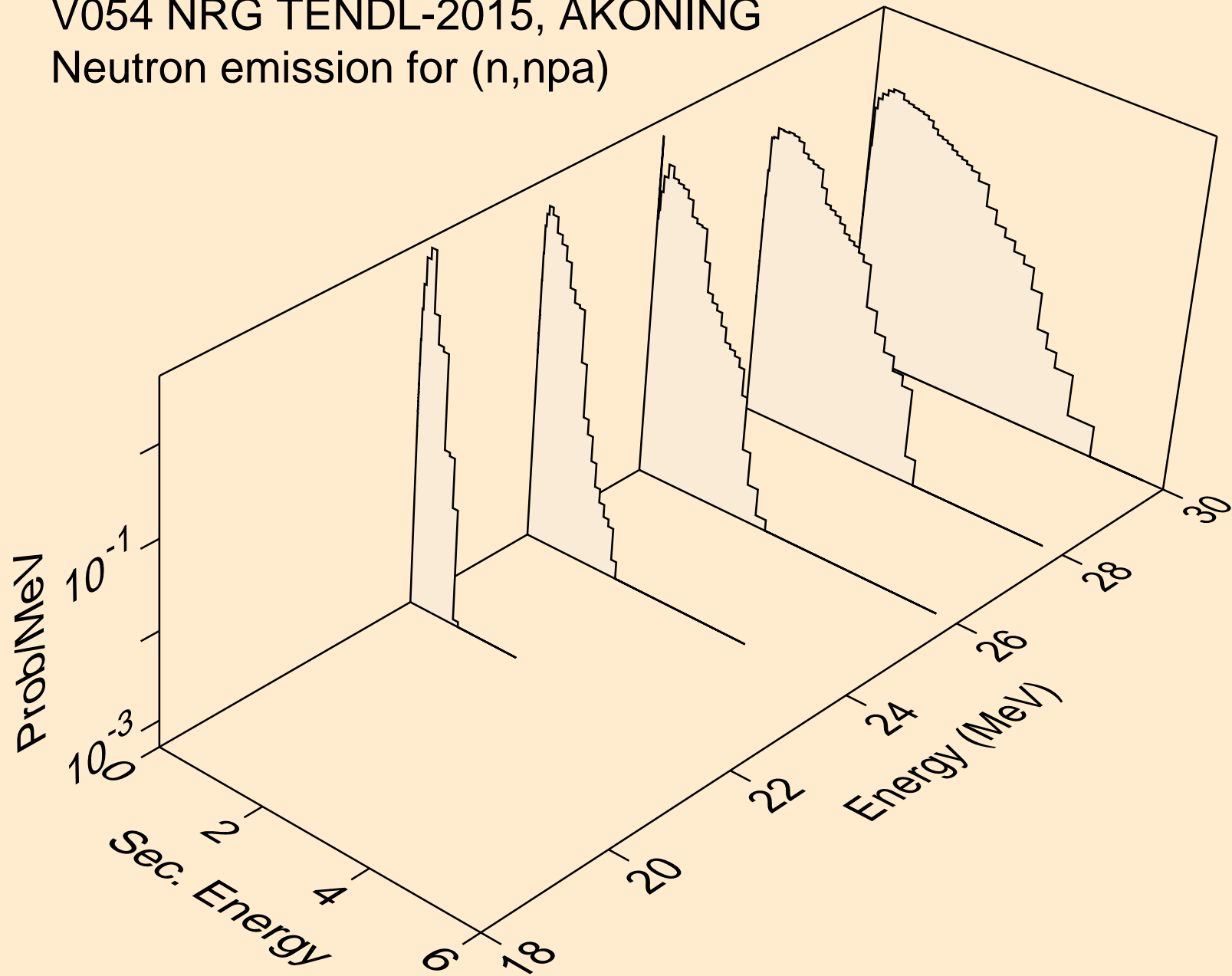
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

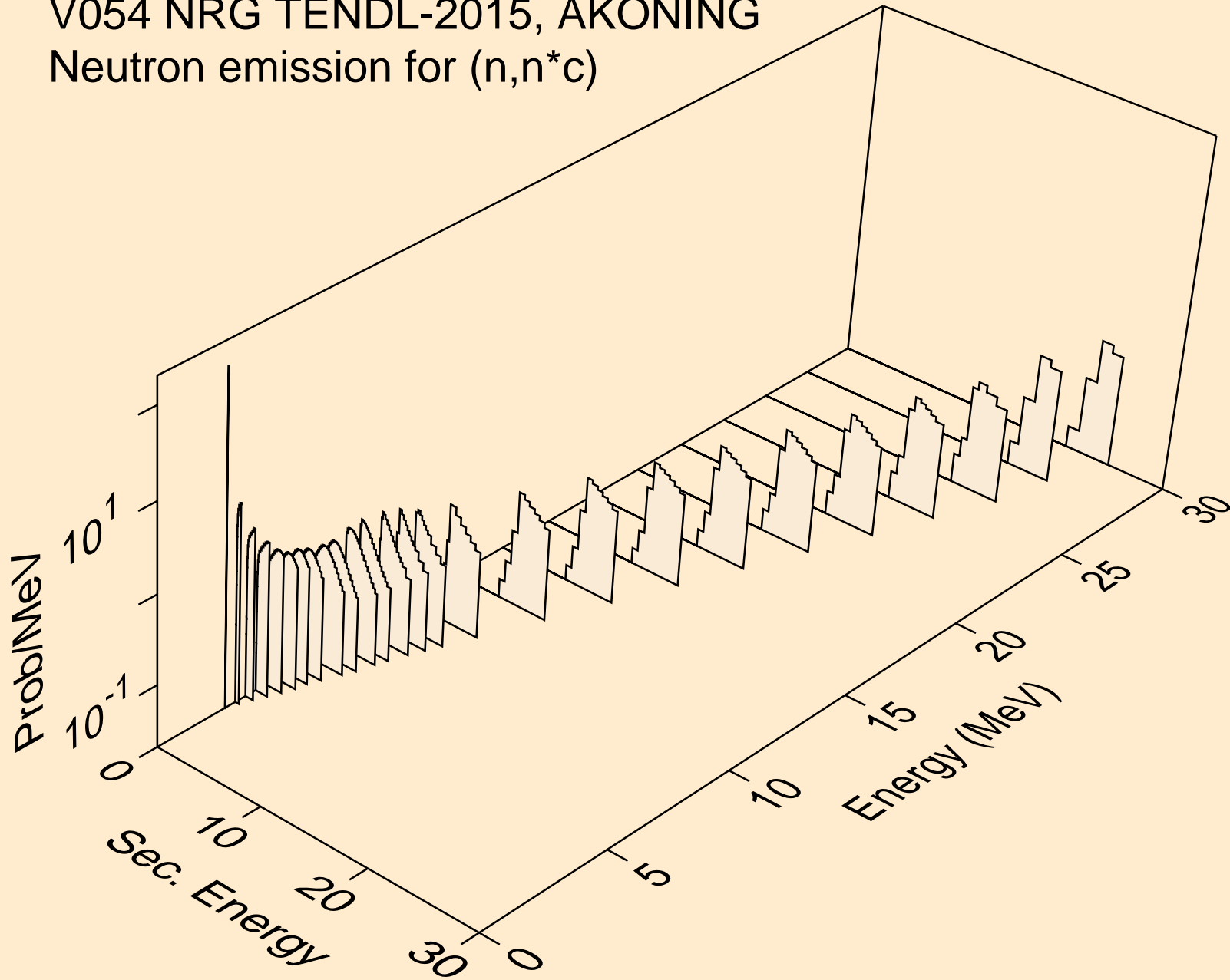


V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

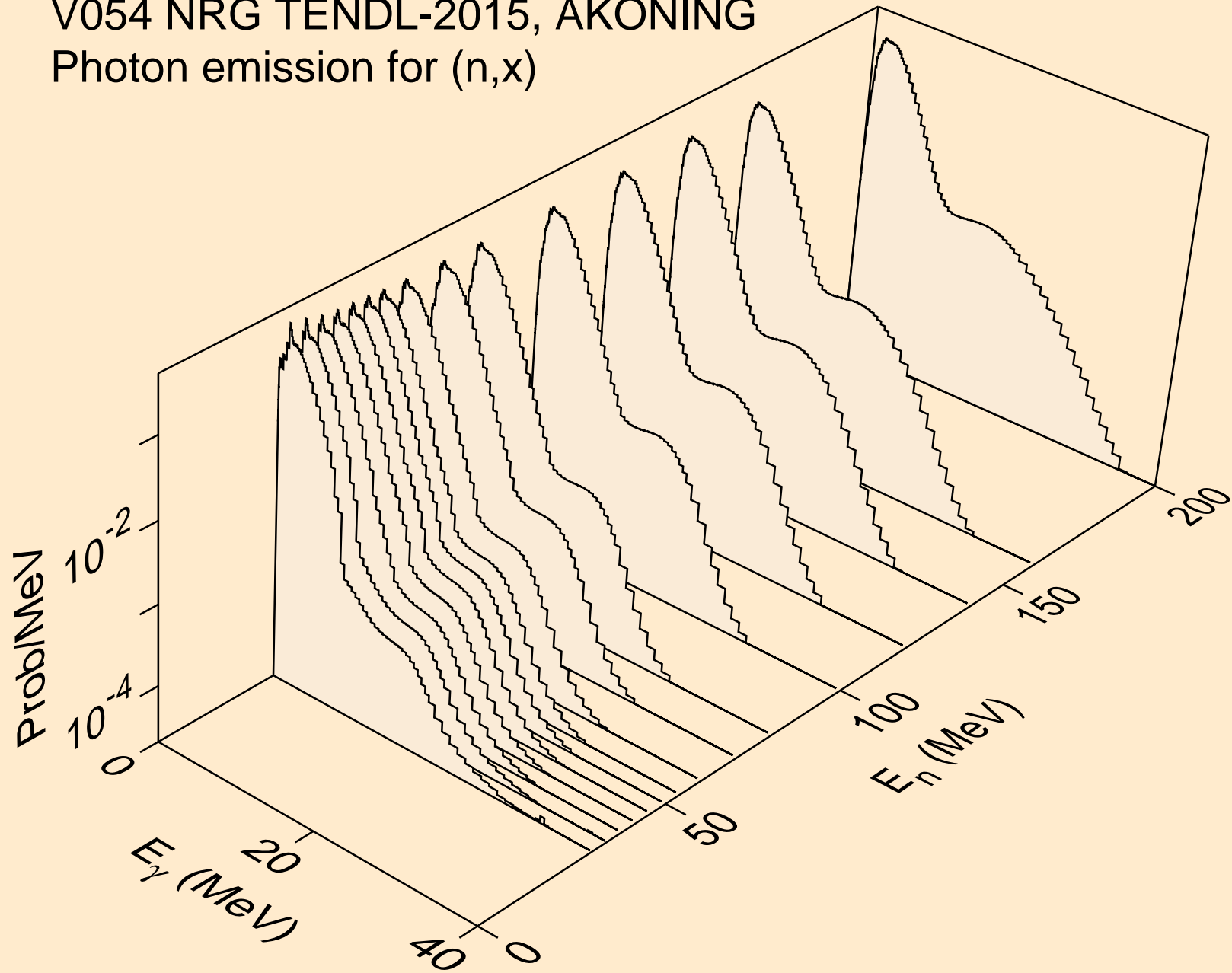




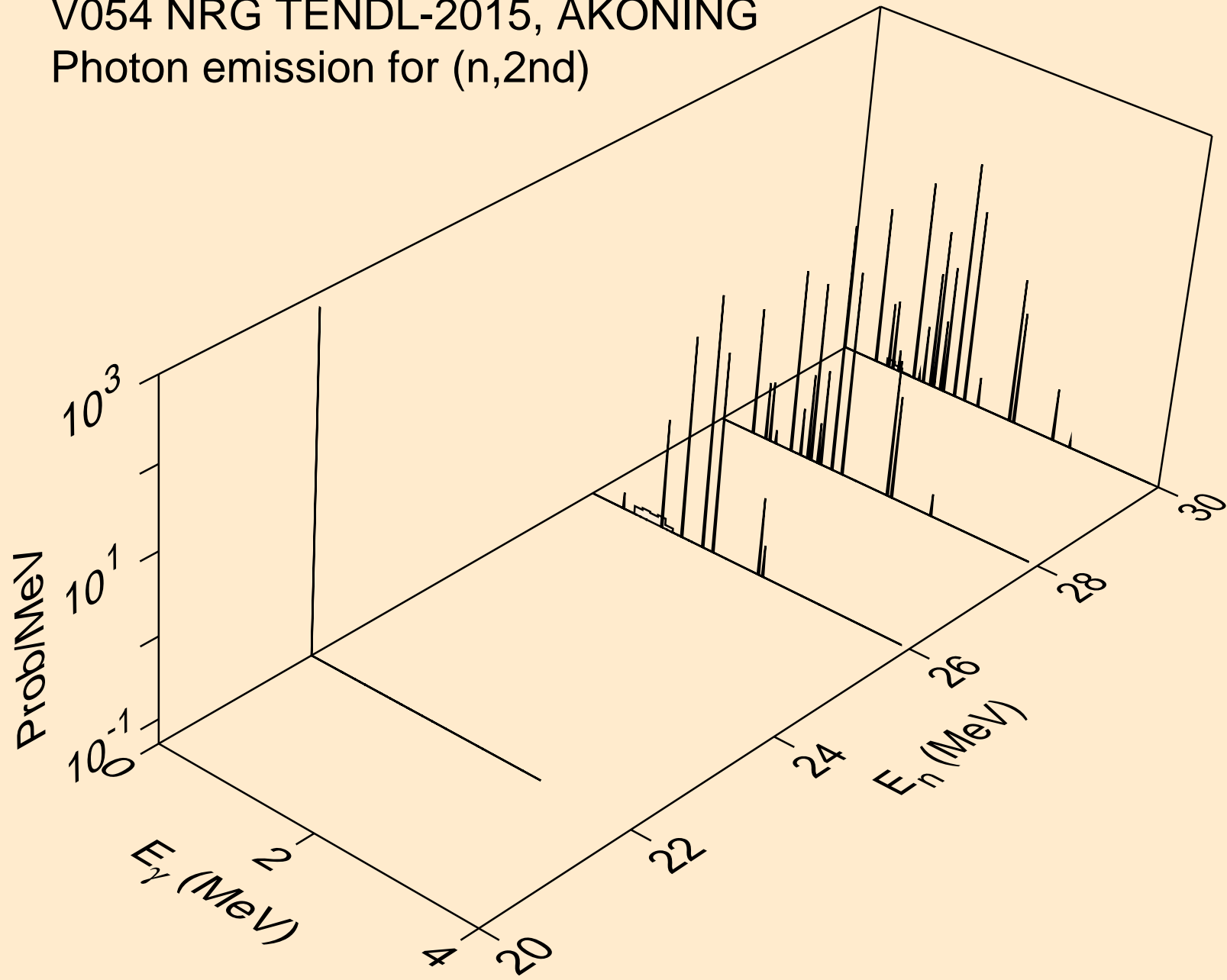
V054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



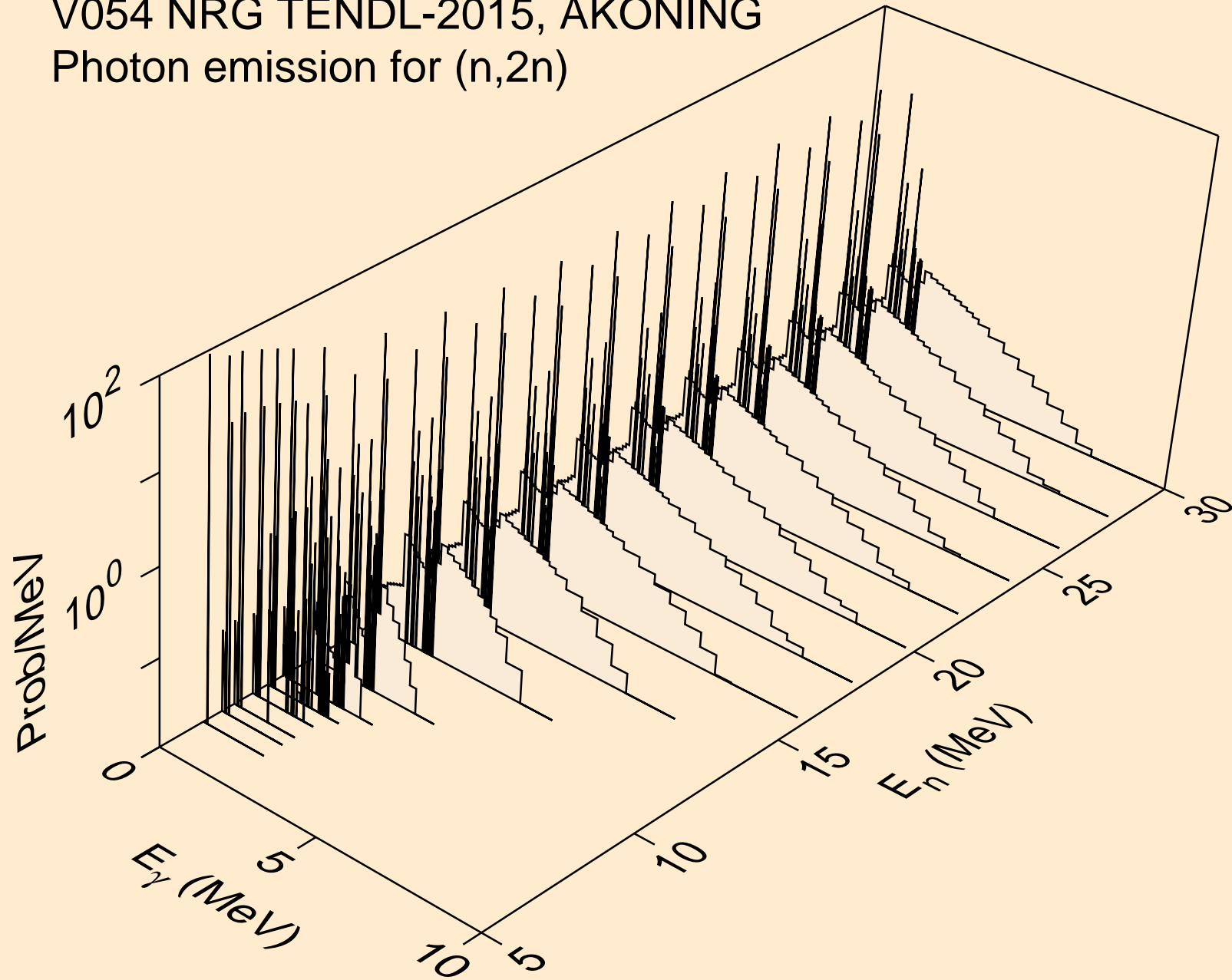
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



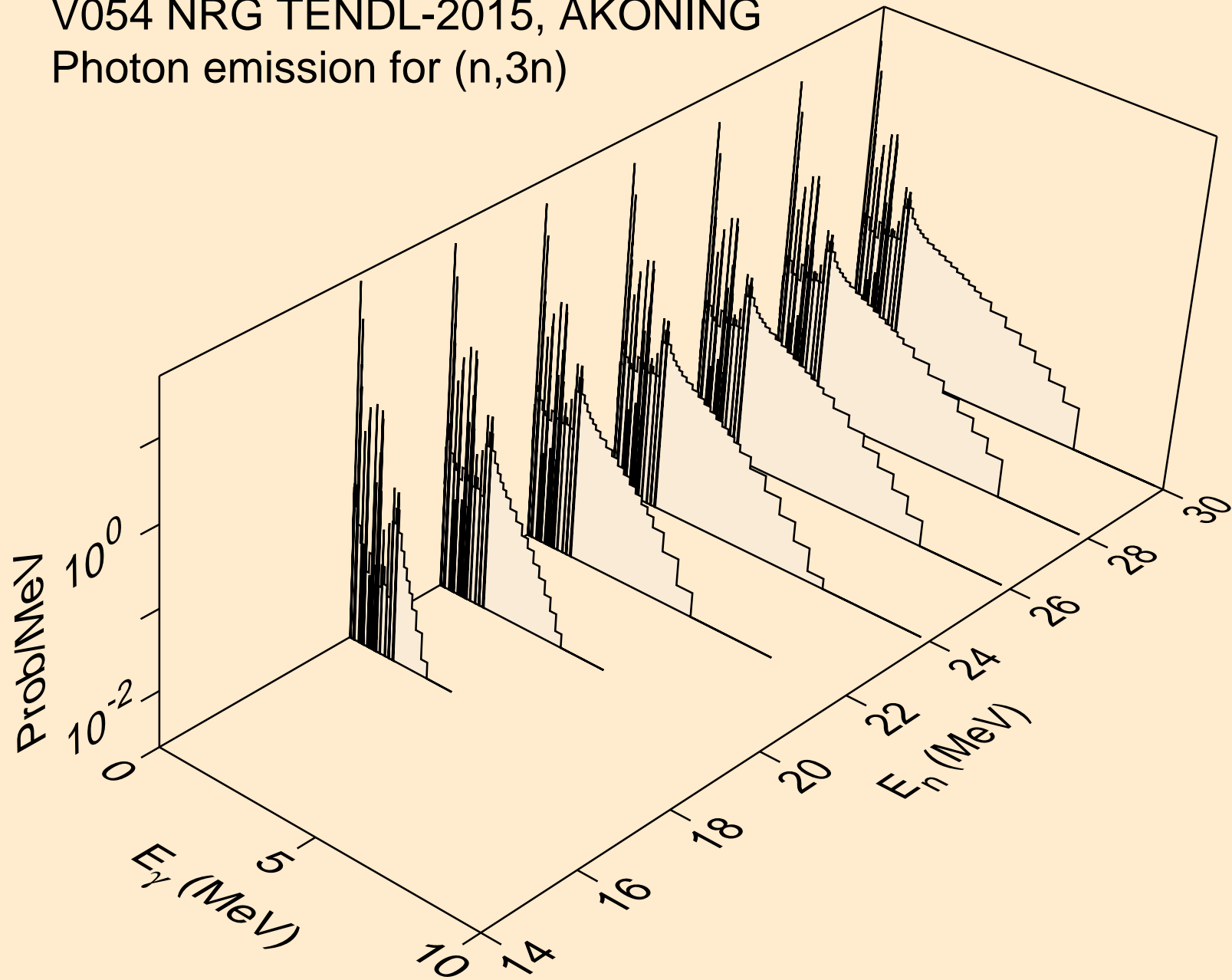
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



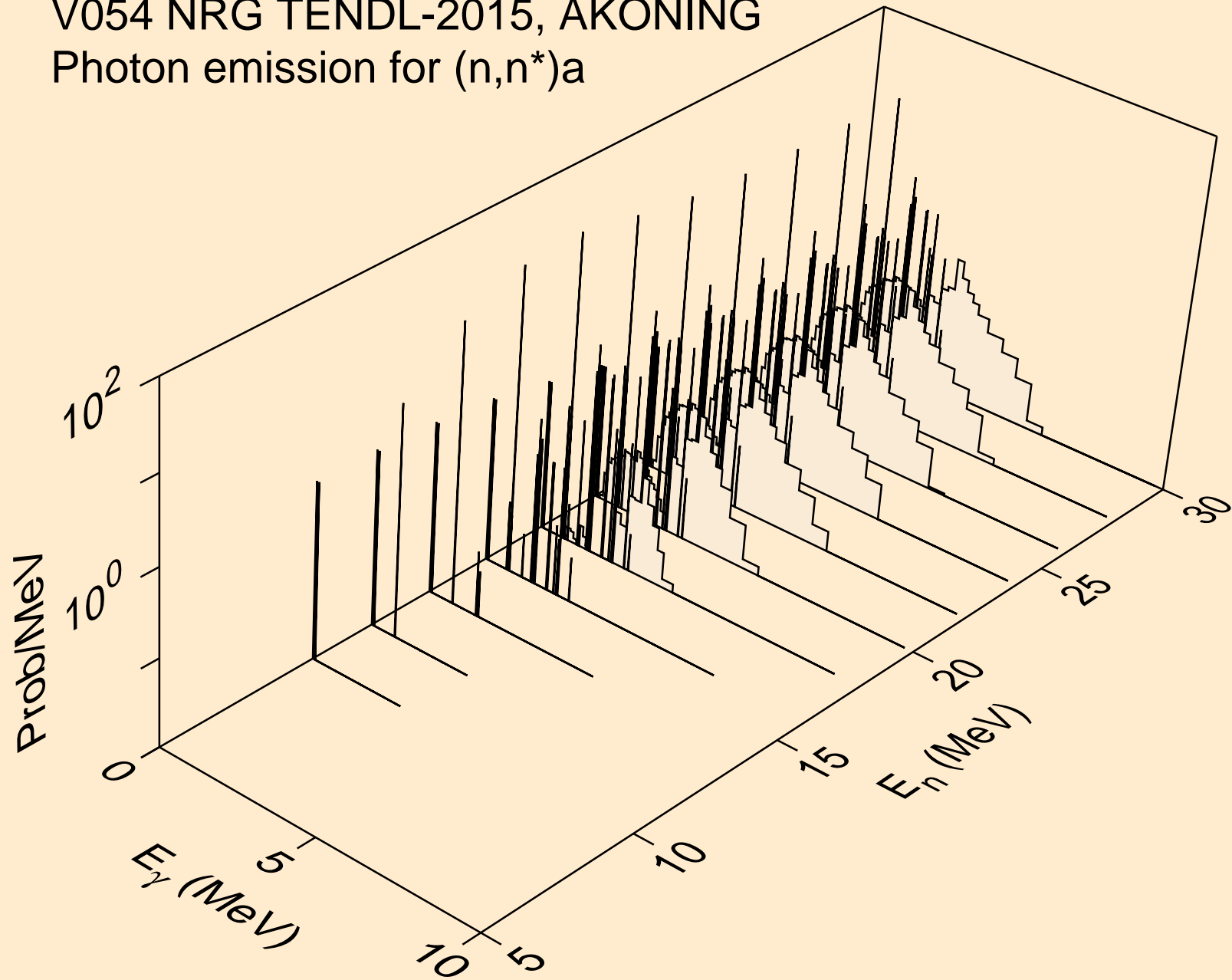
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



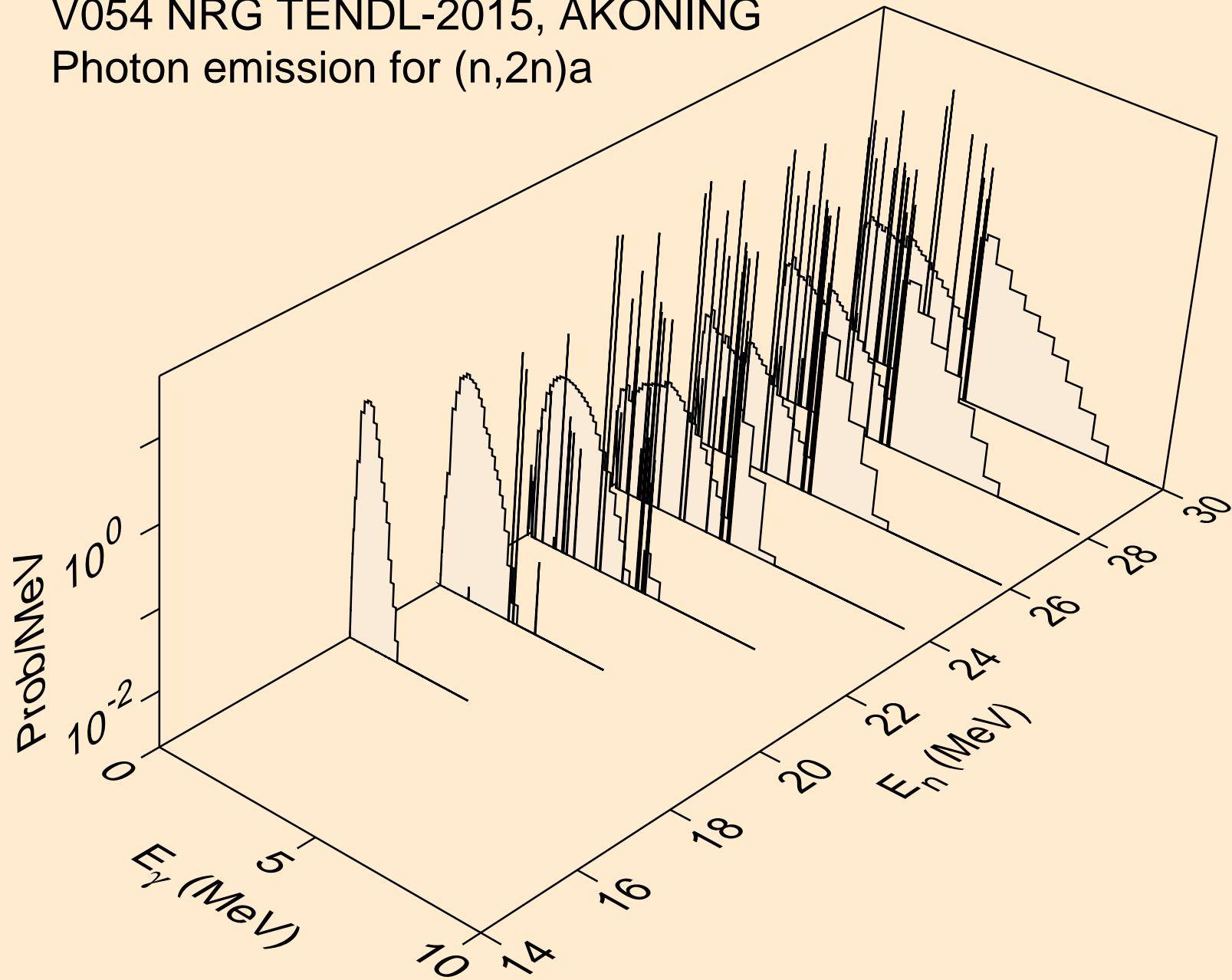
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



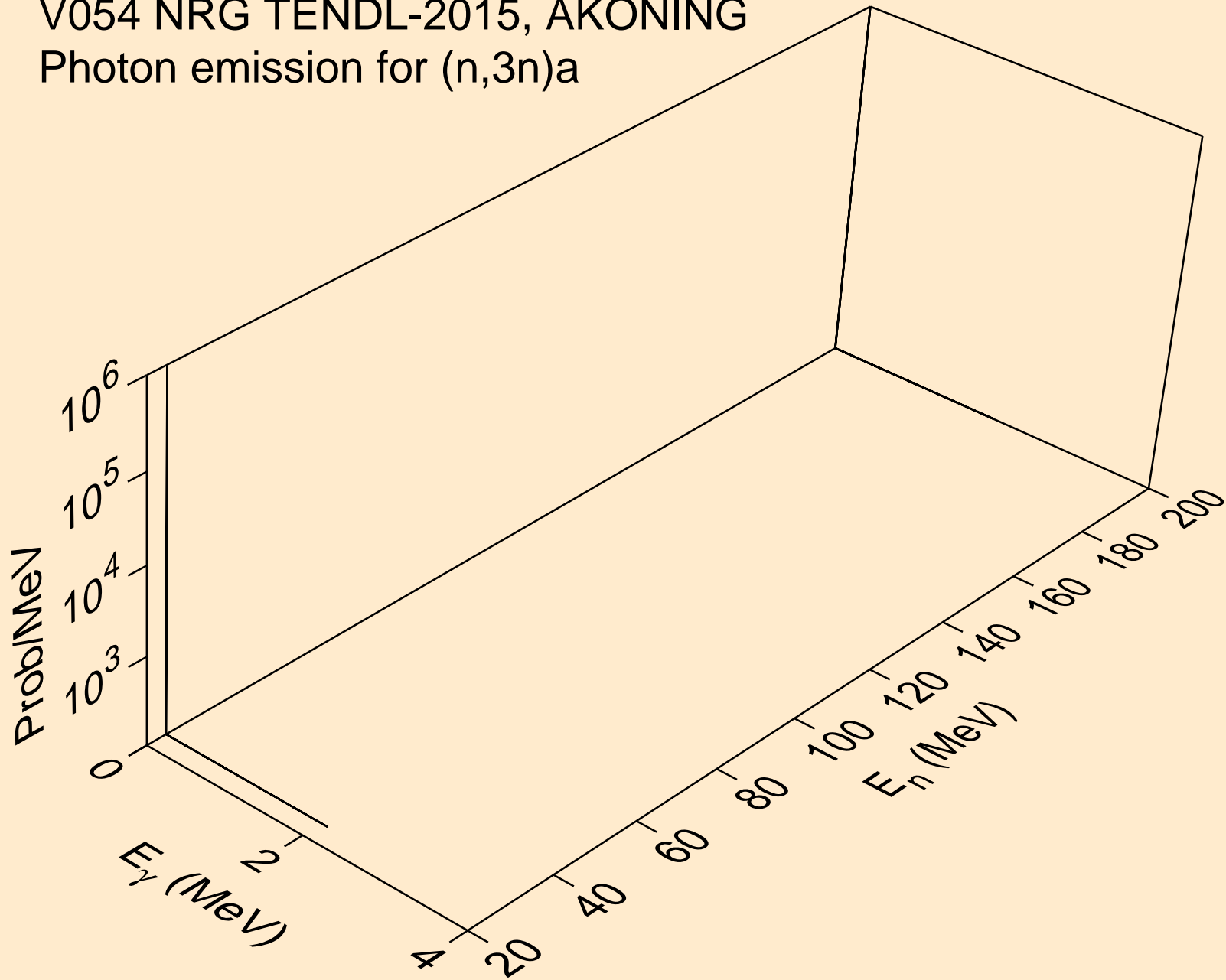
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



V054 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

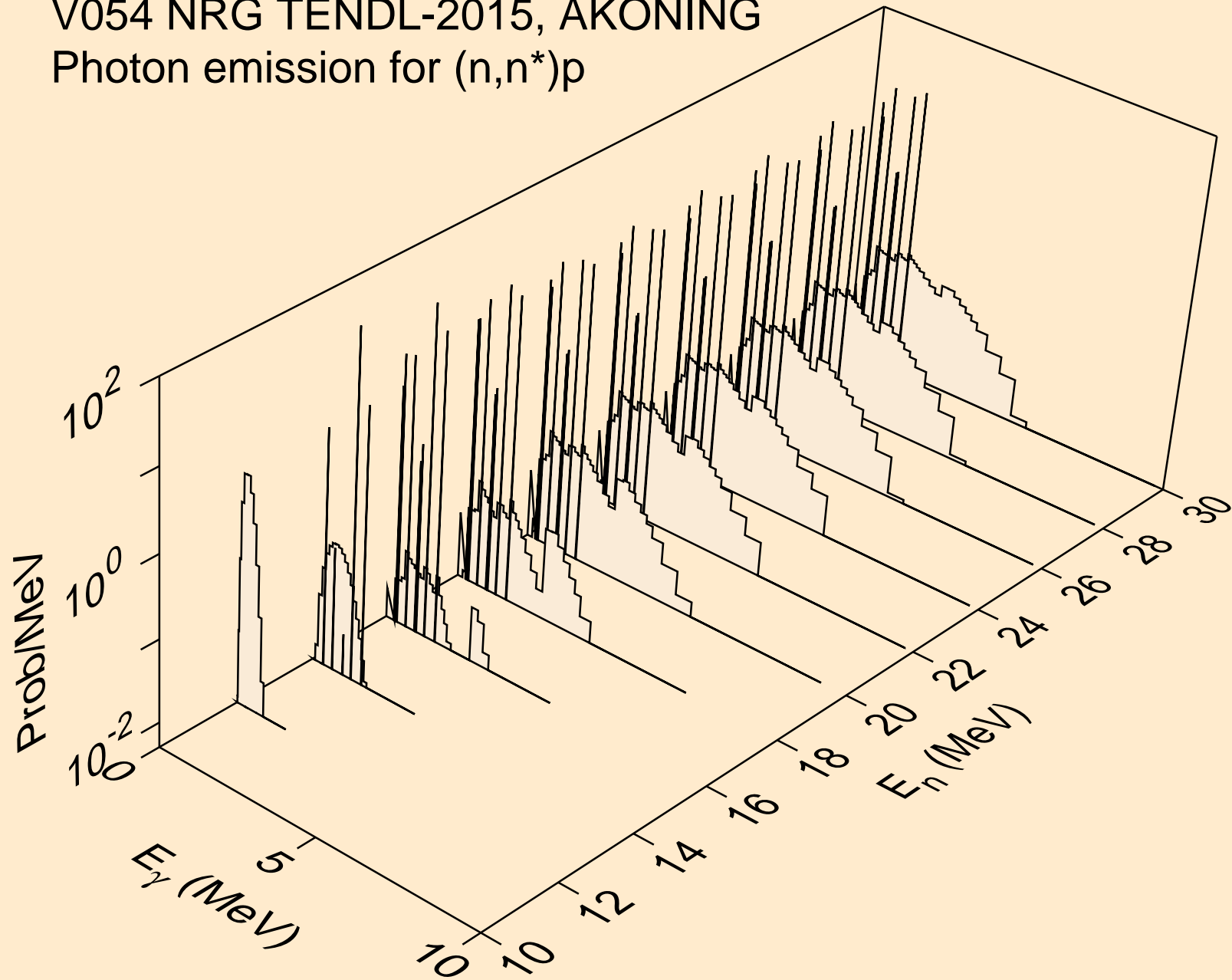


V054 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

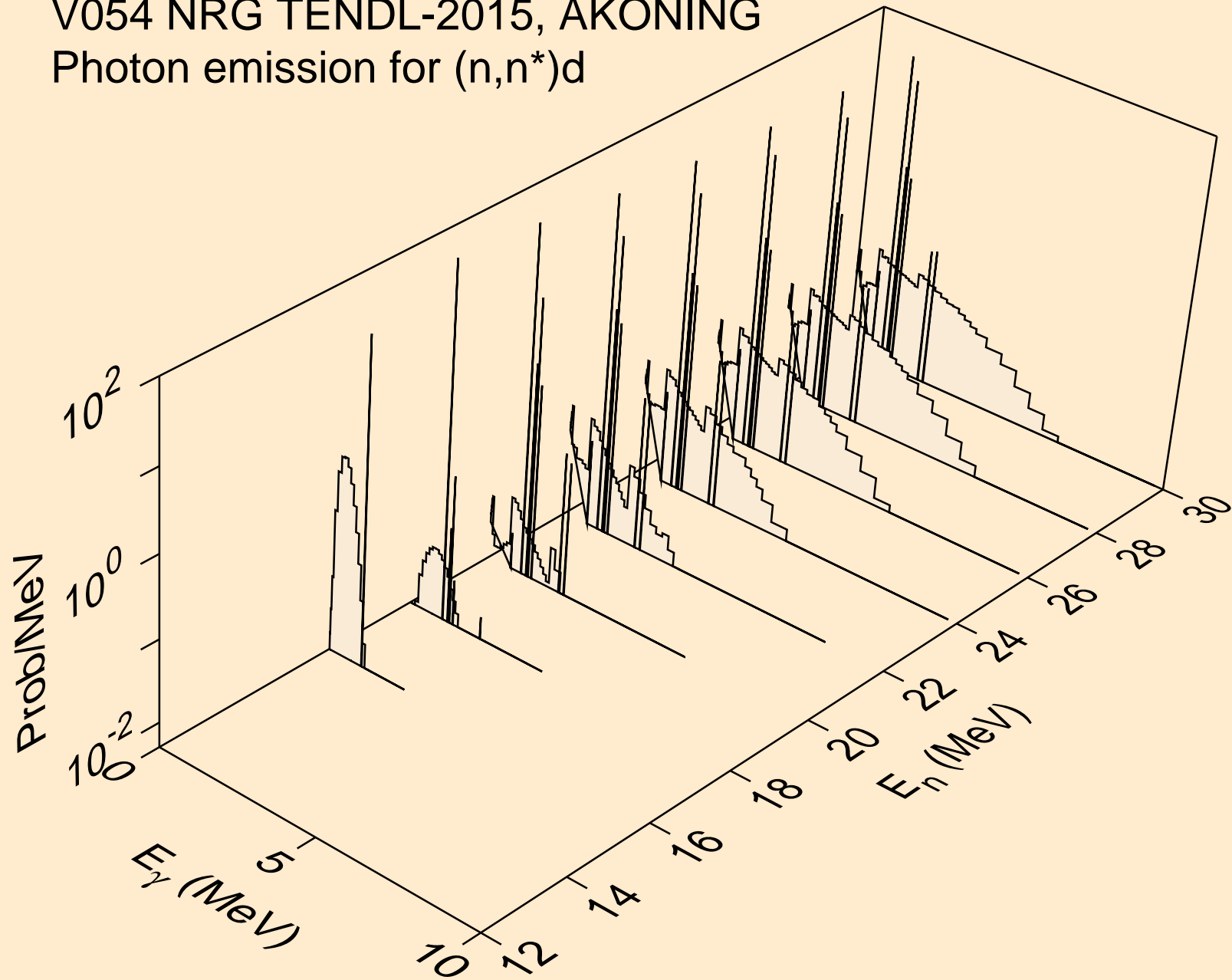




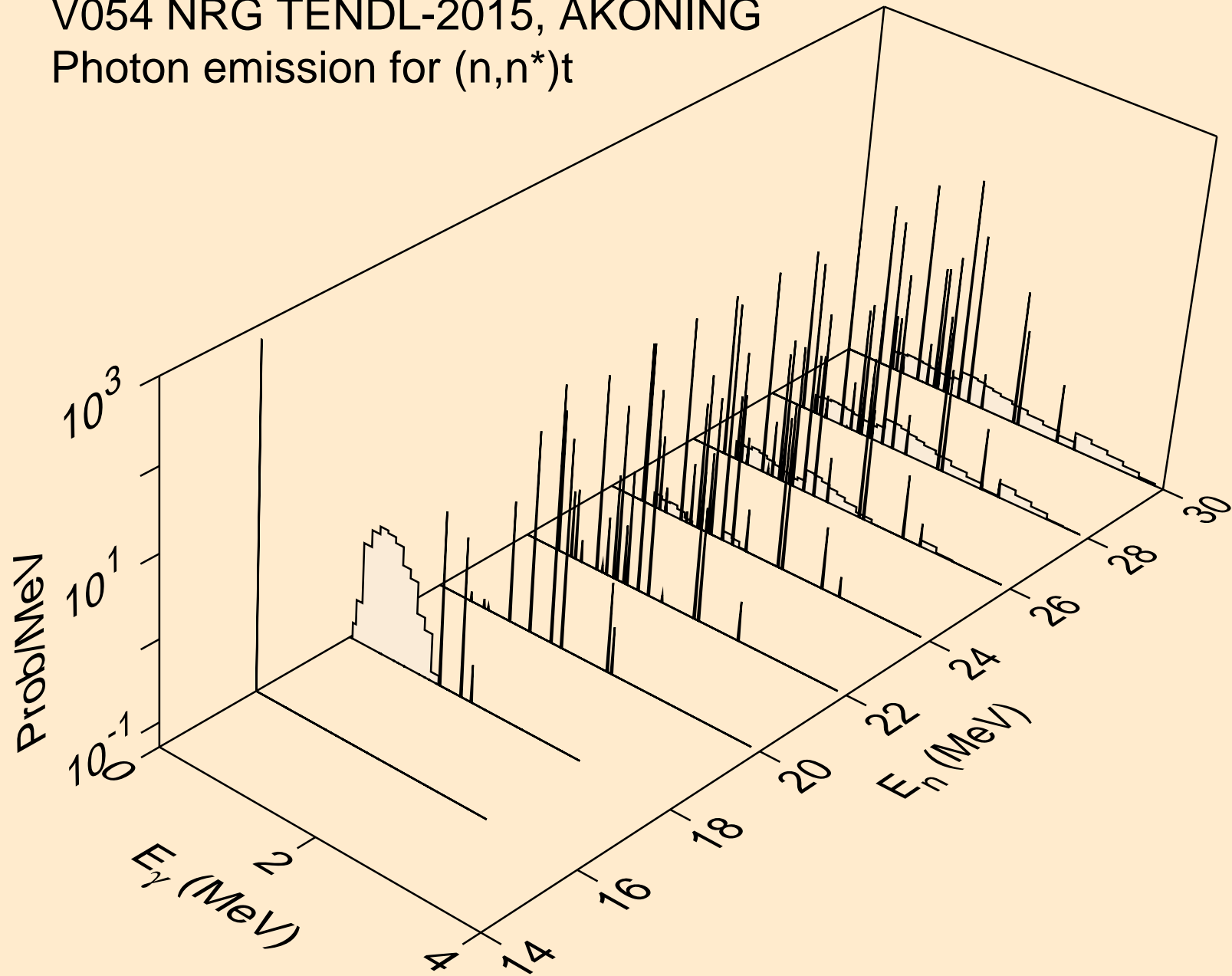
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



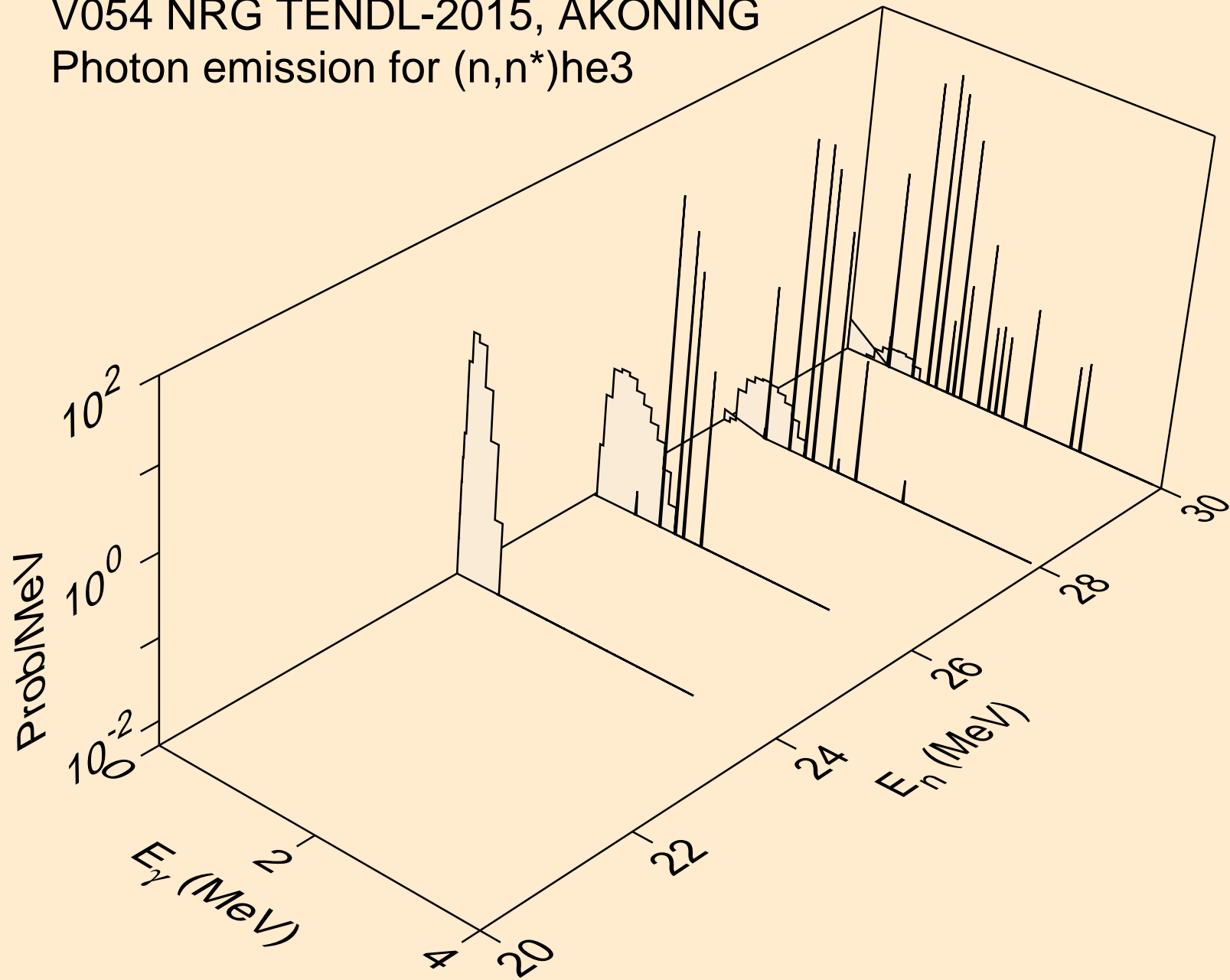
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



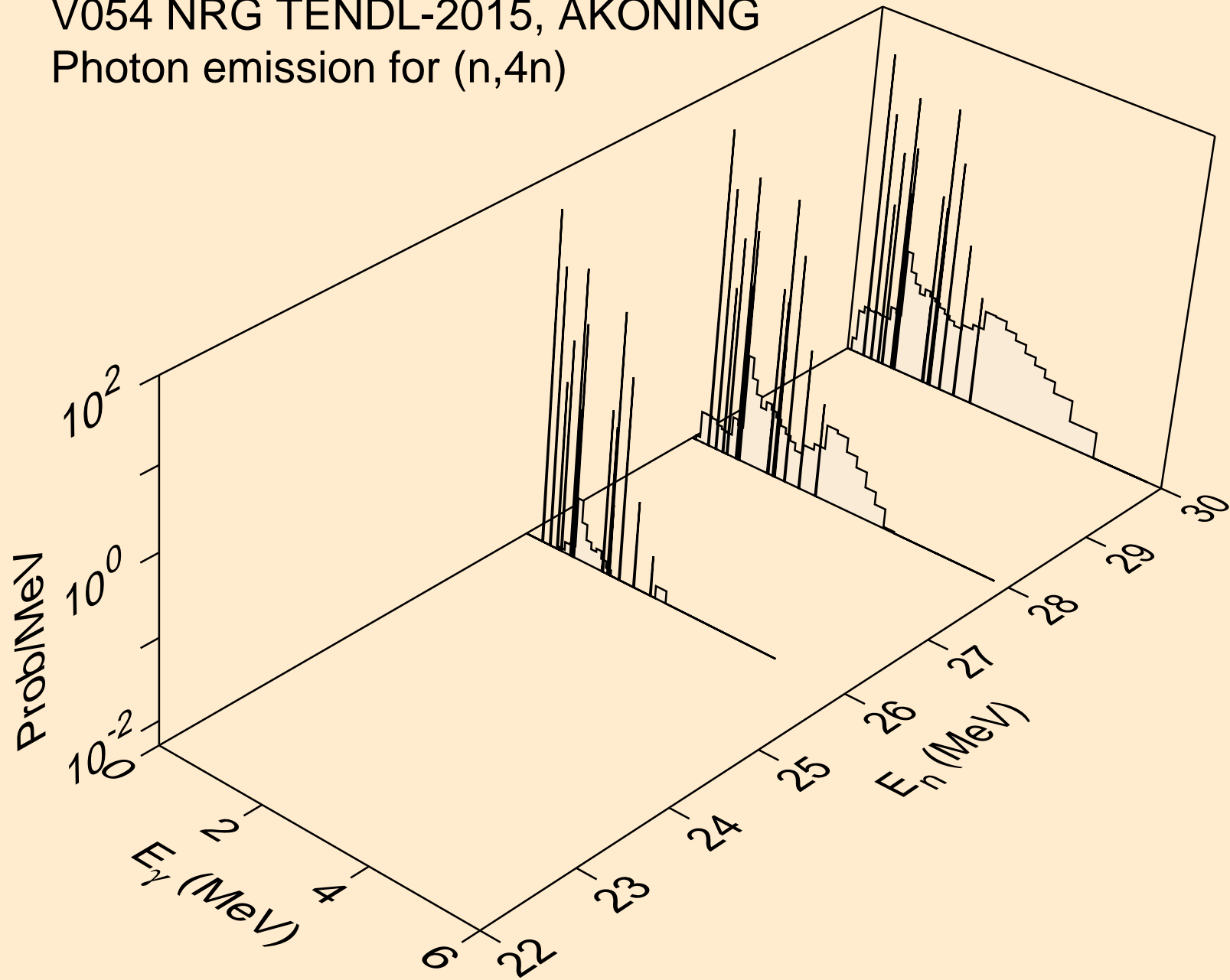
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



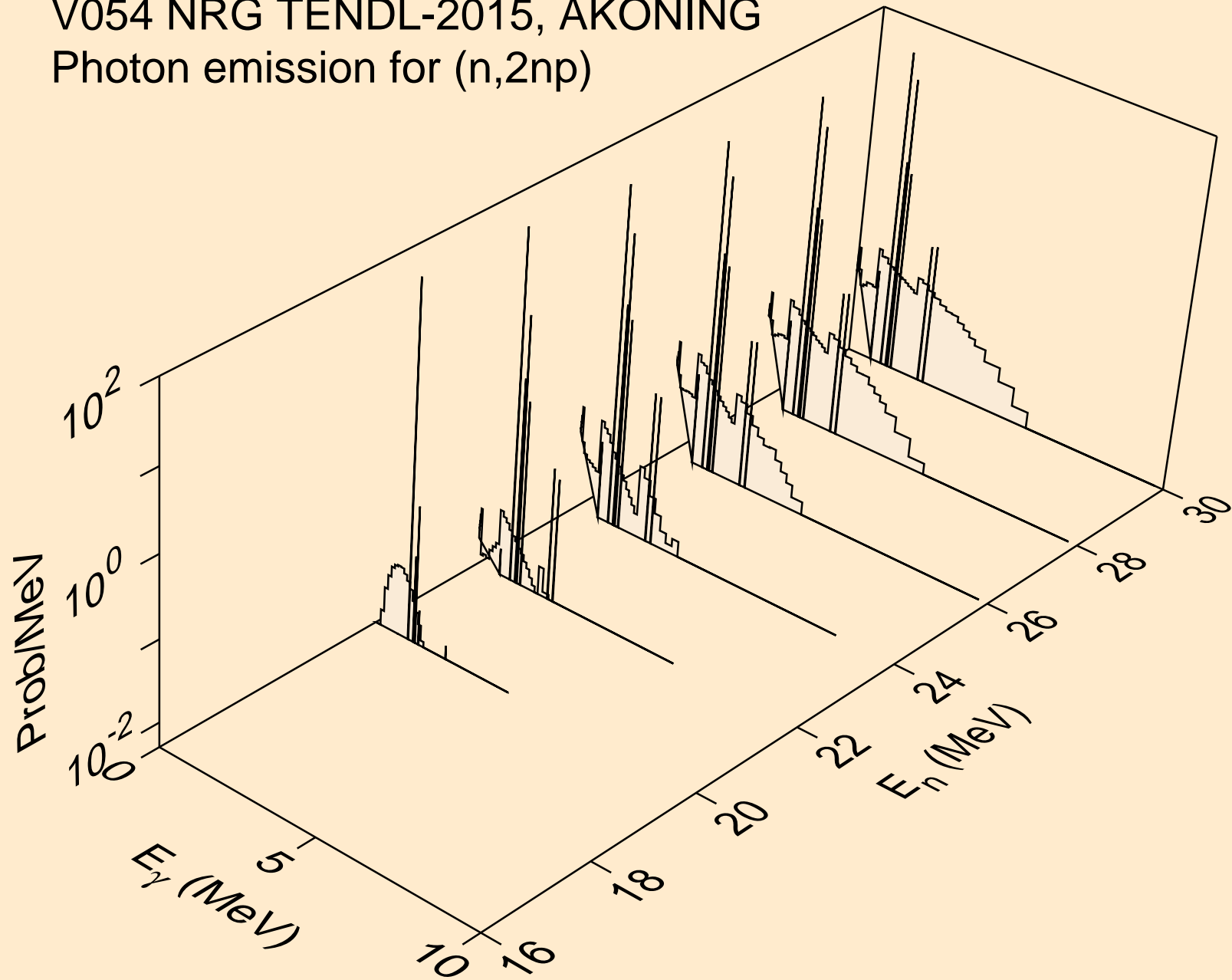
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



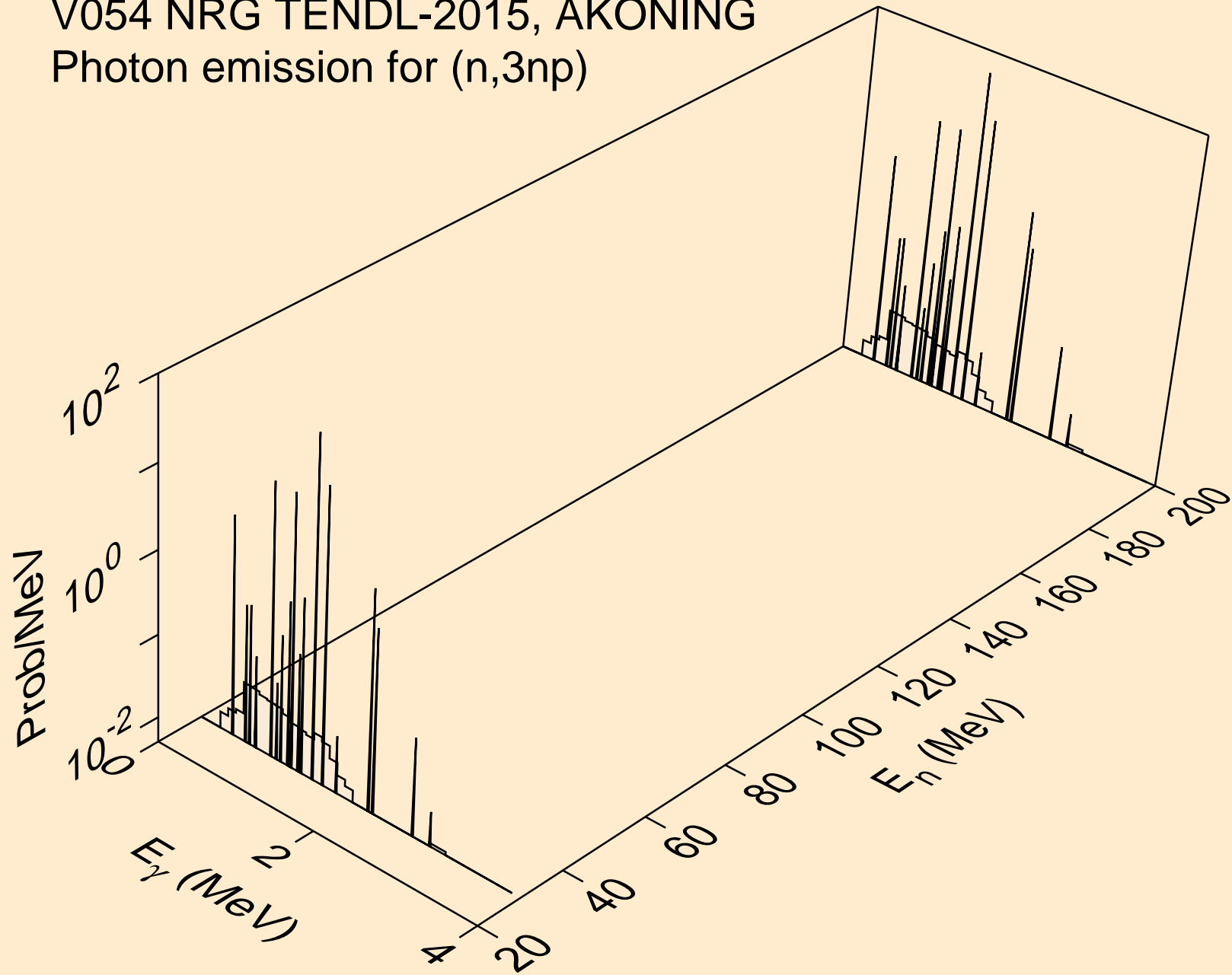
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



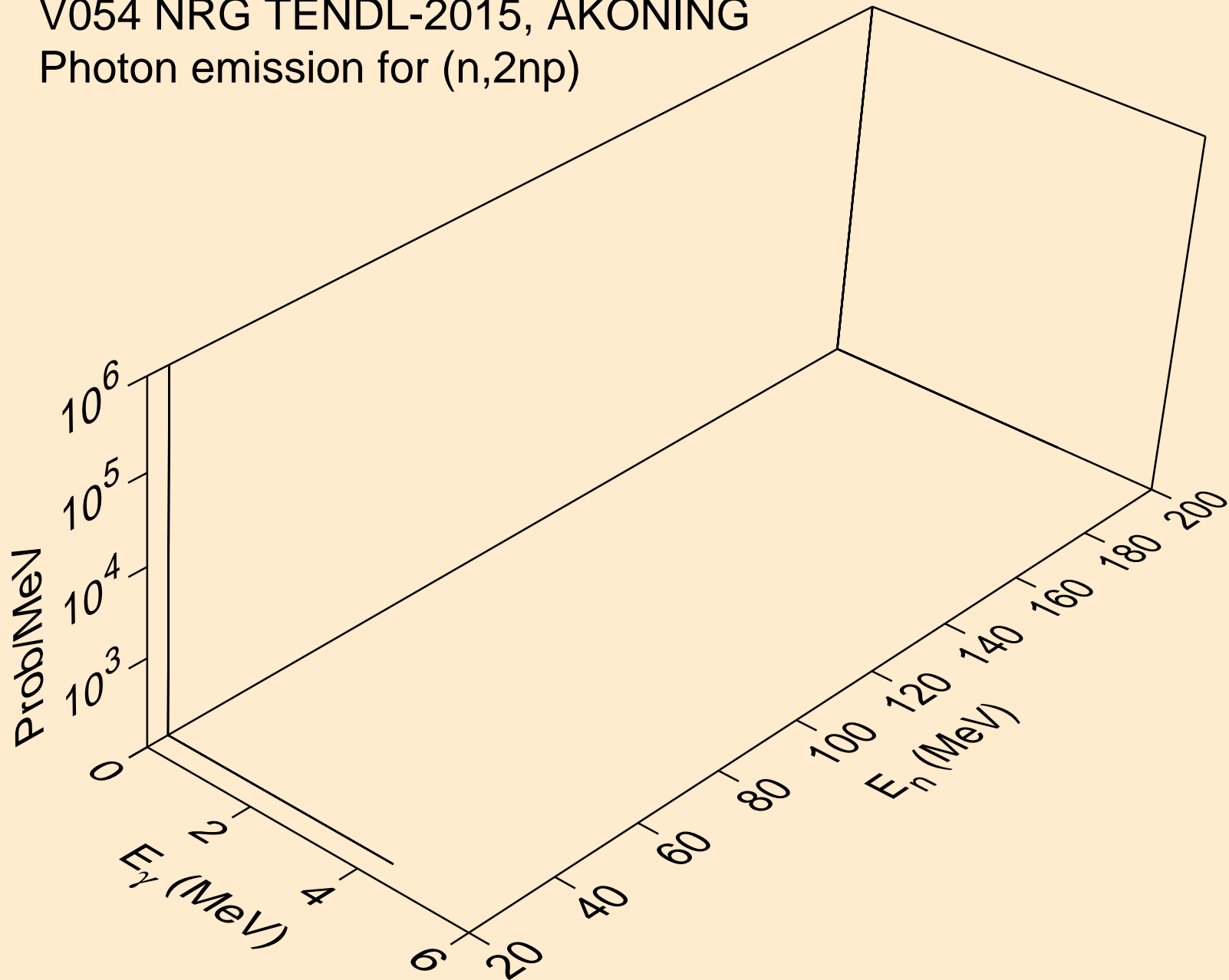
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



V054 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

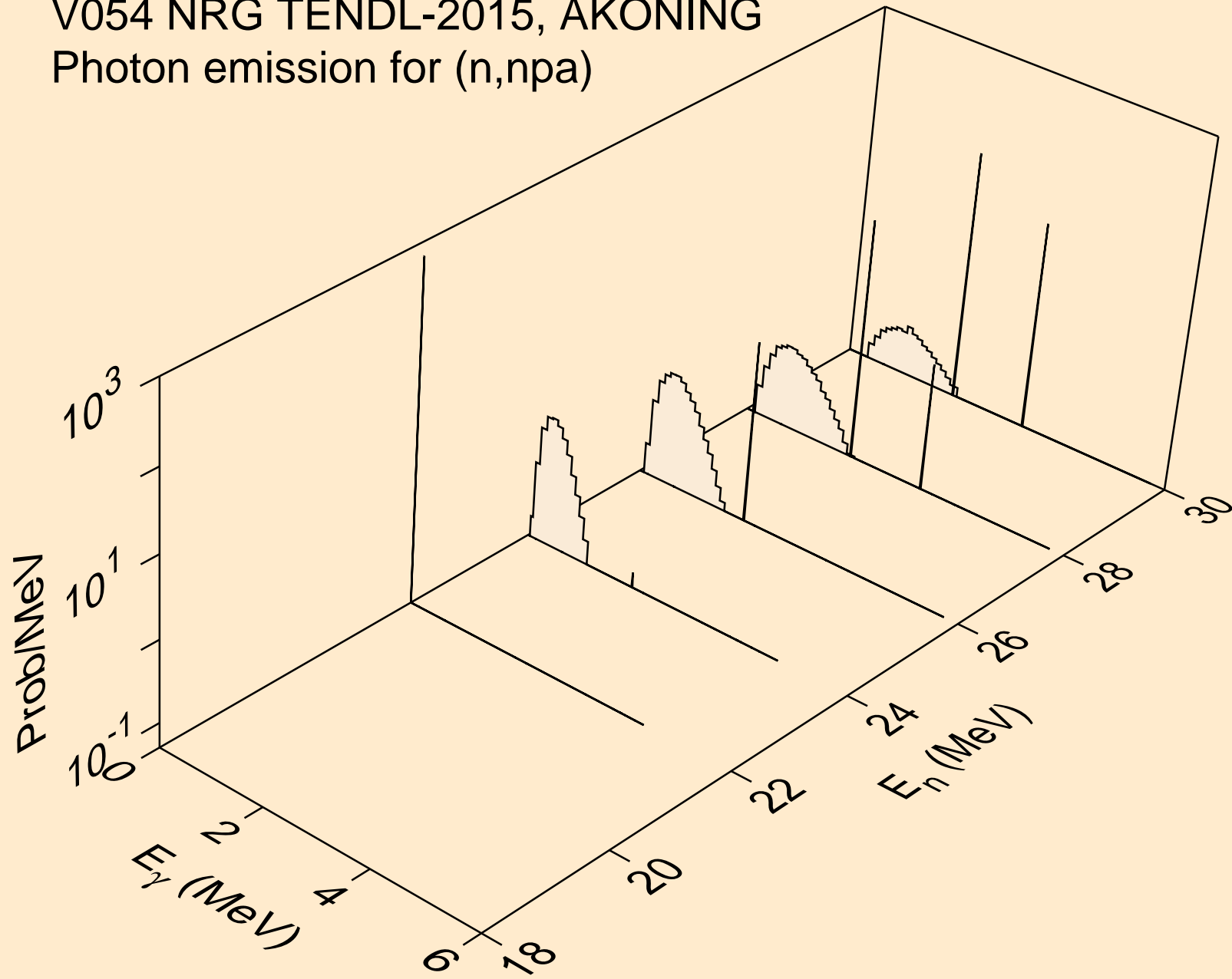


V054 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

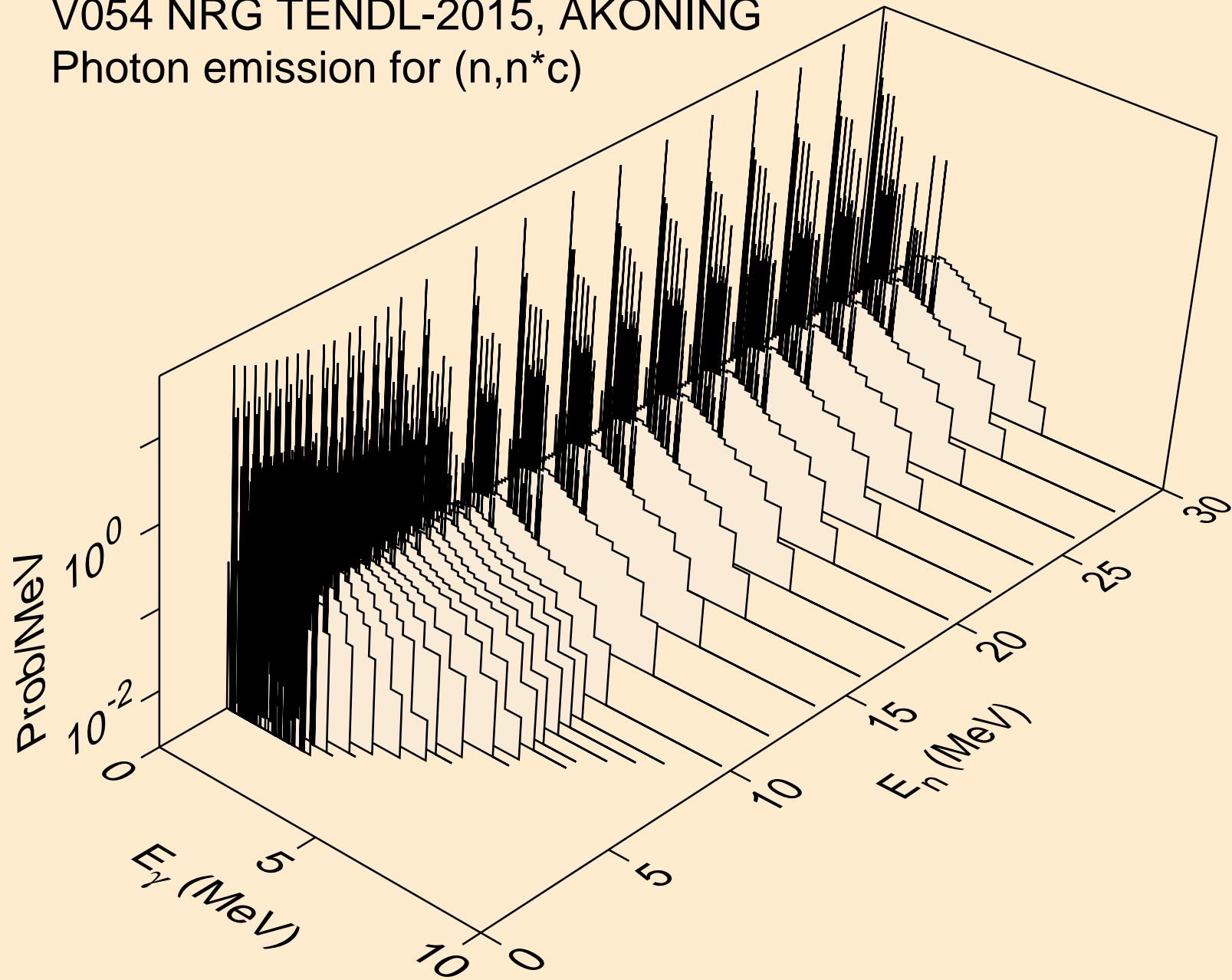




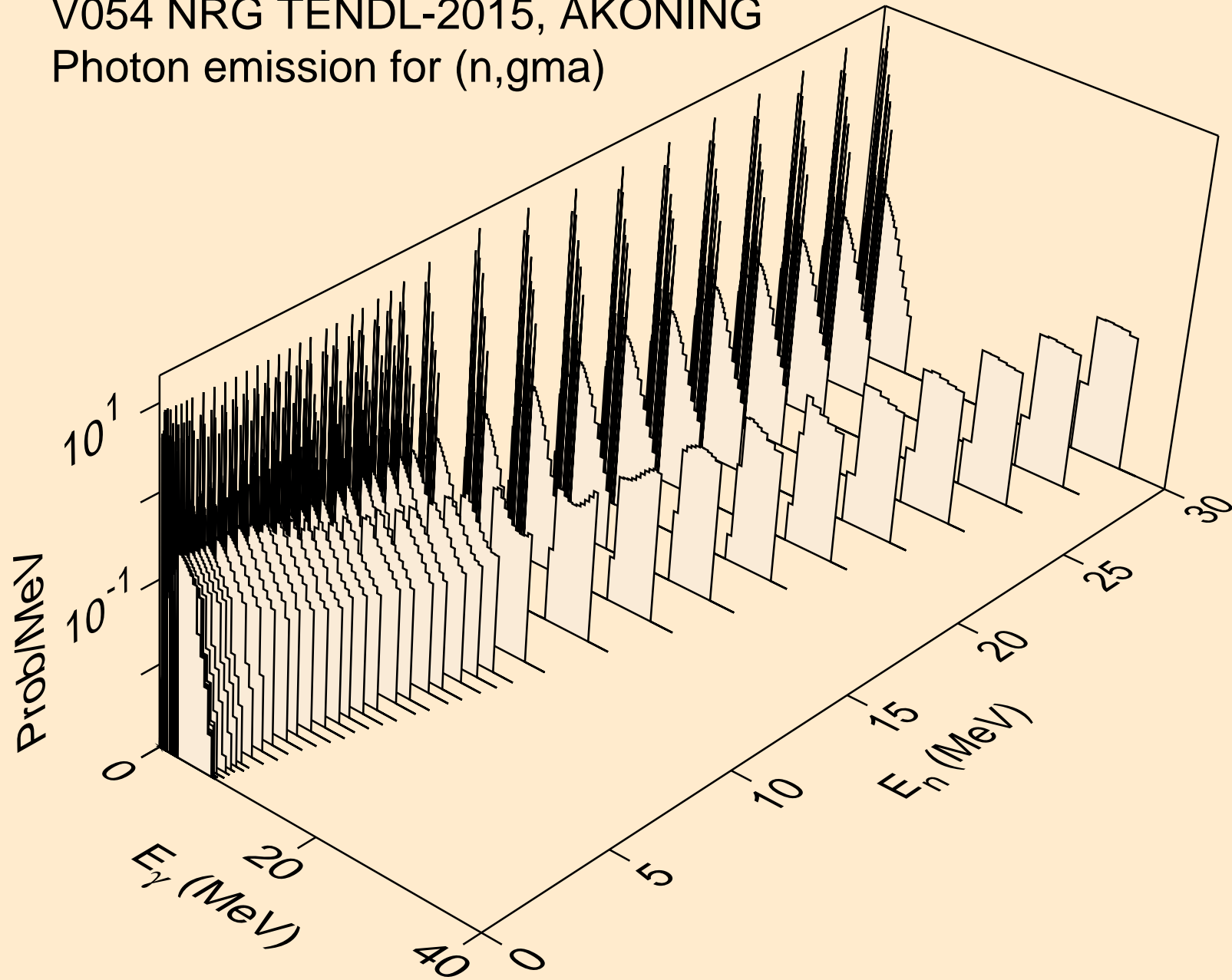
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



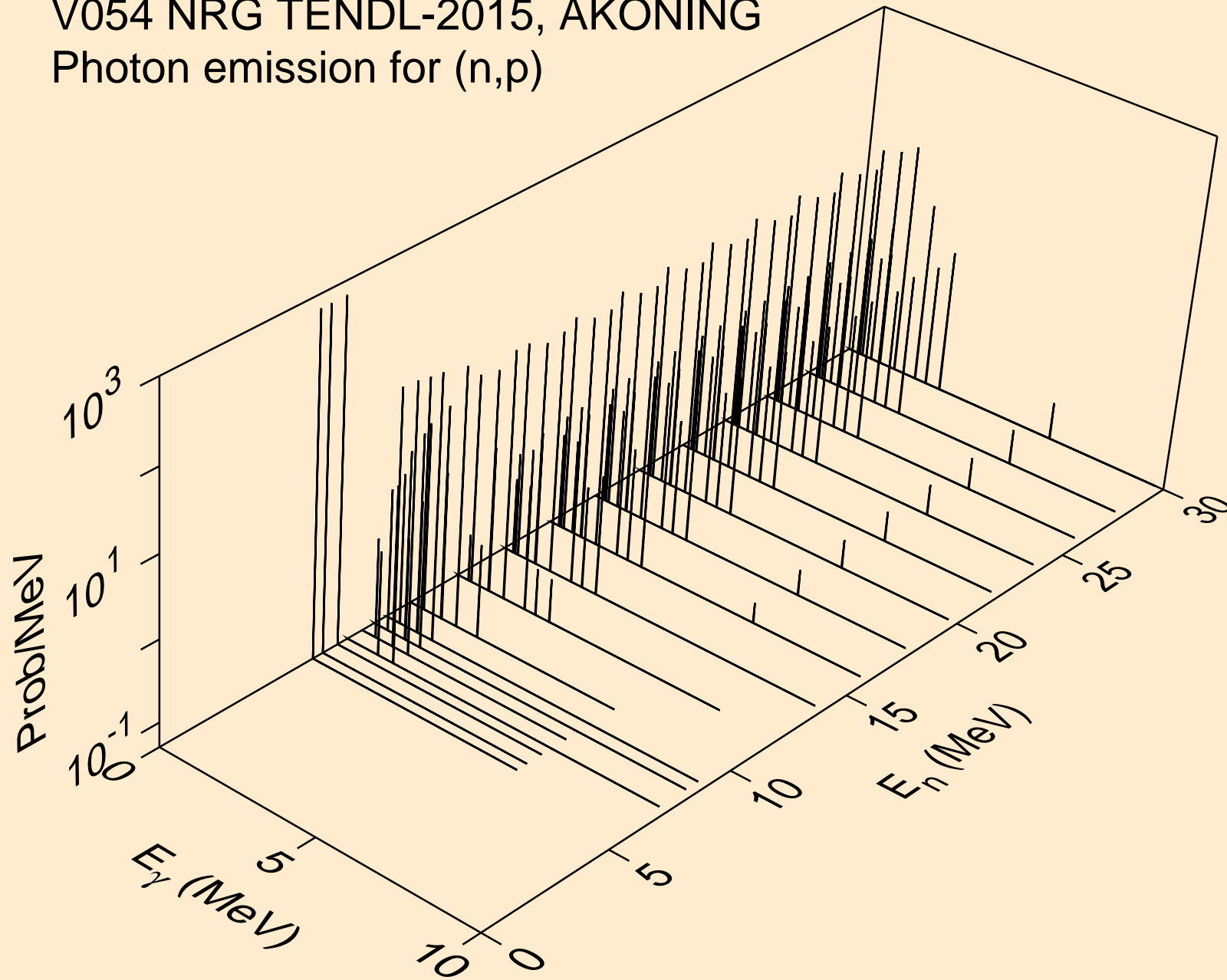
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



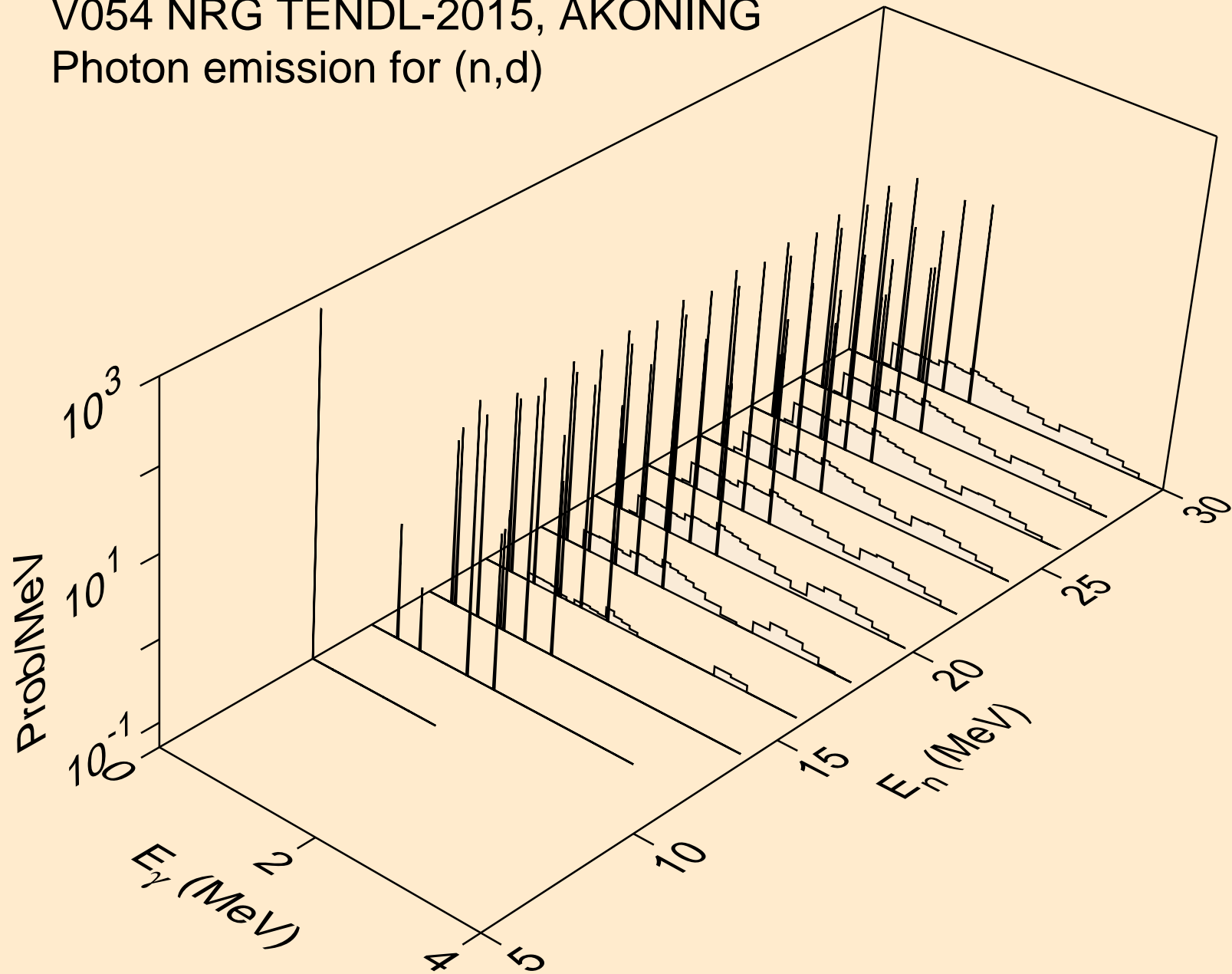
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



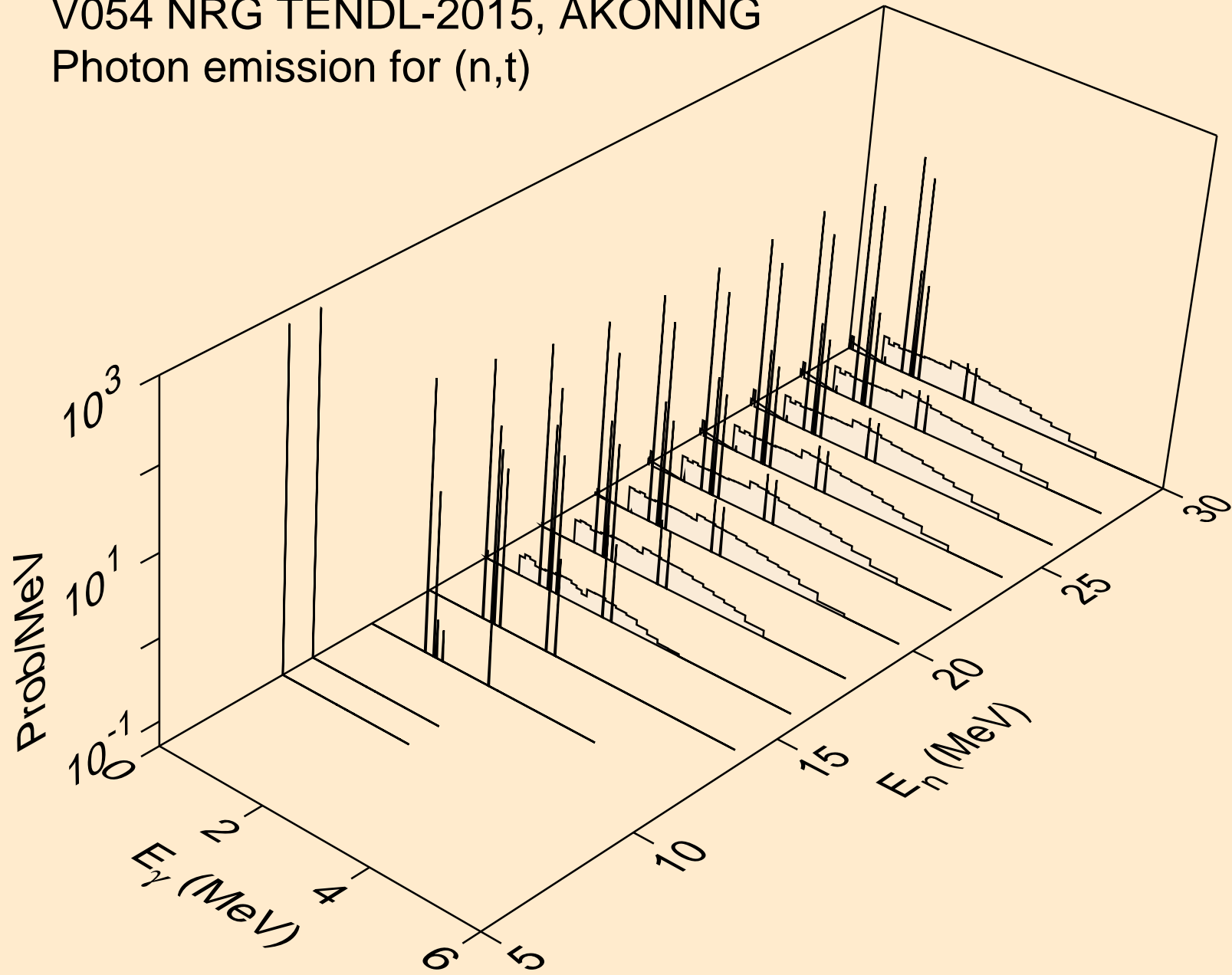
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



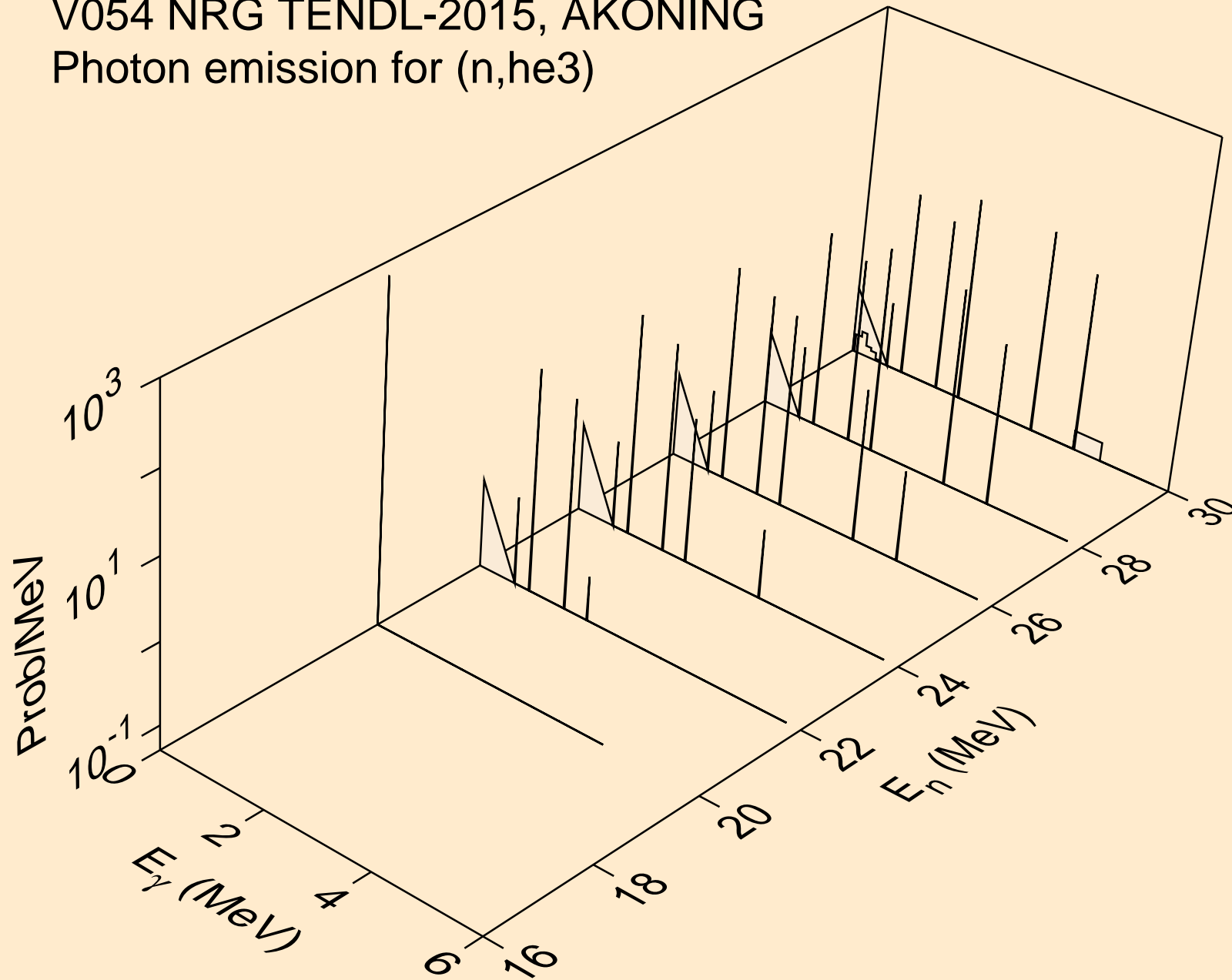
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



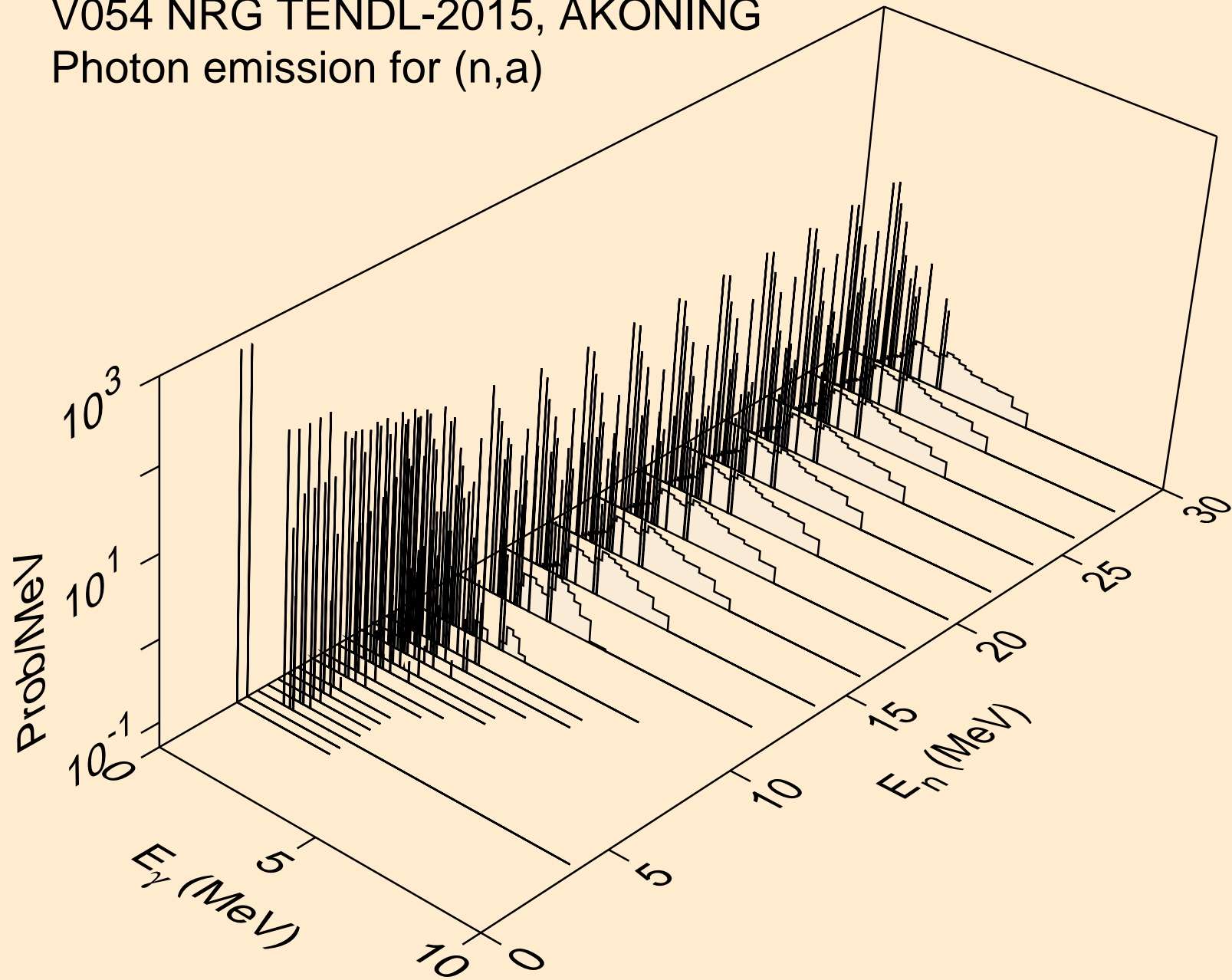
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



V054 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

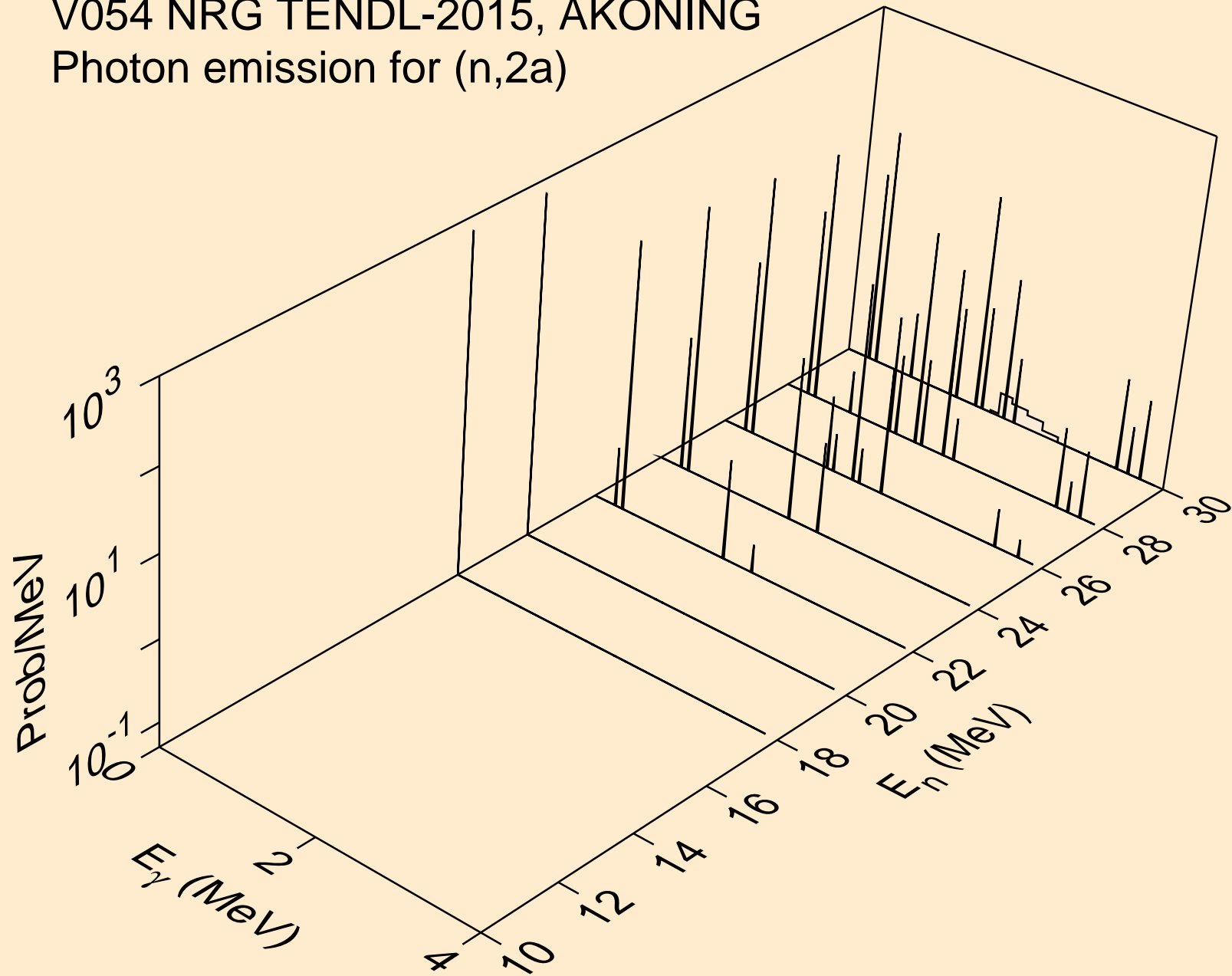


V054 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

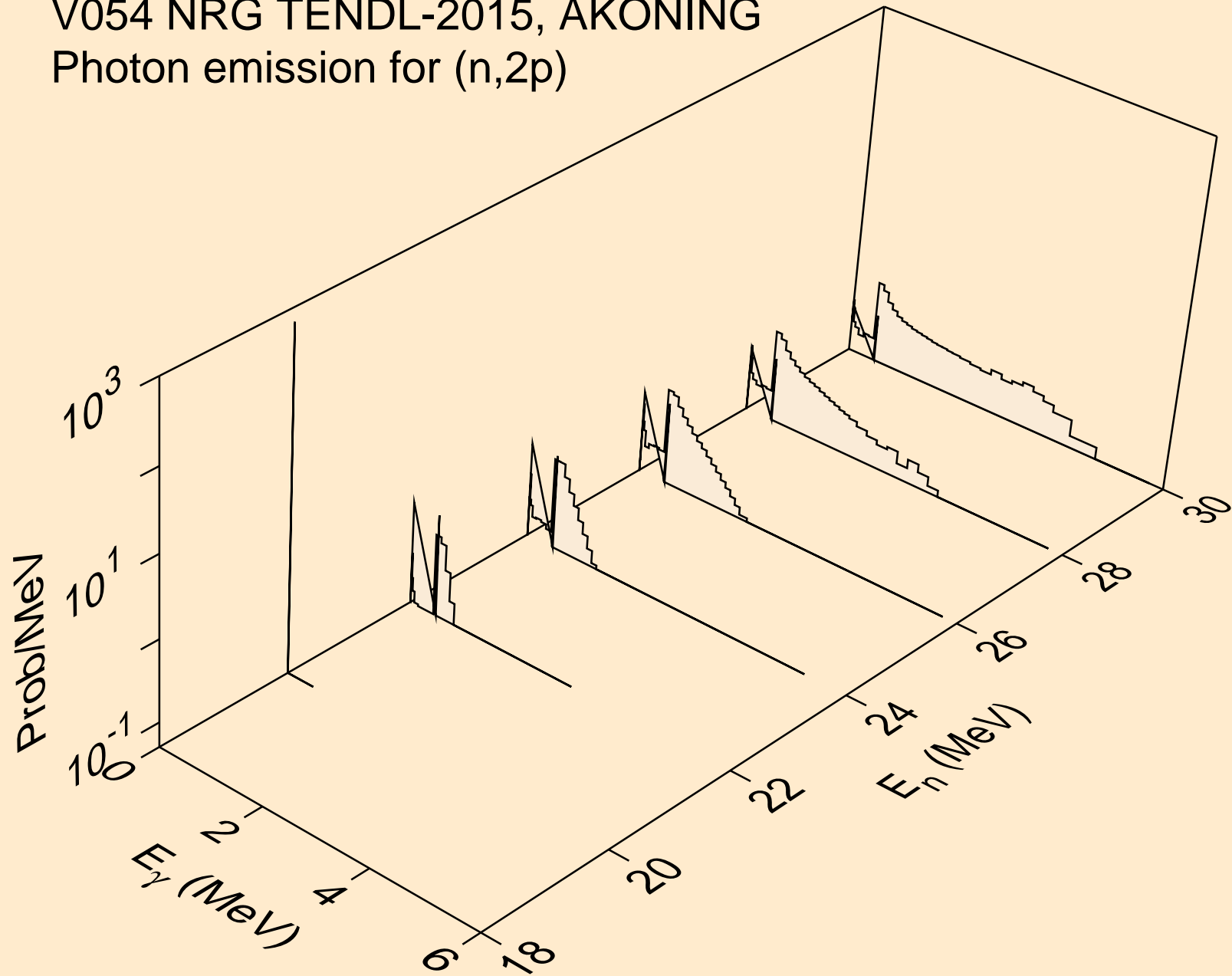




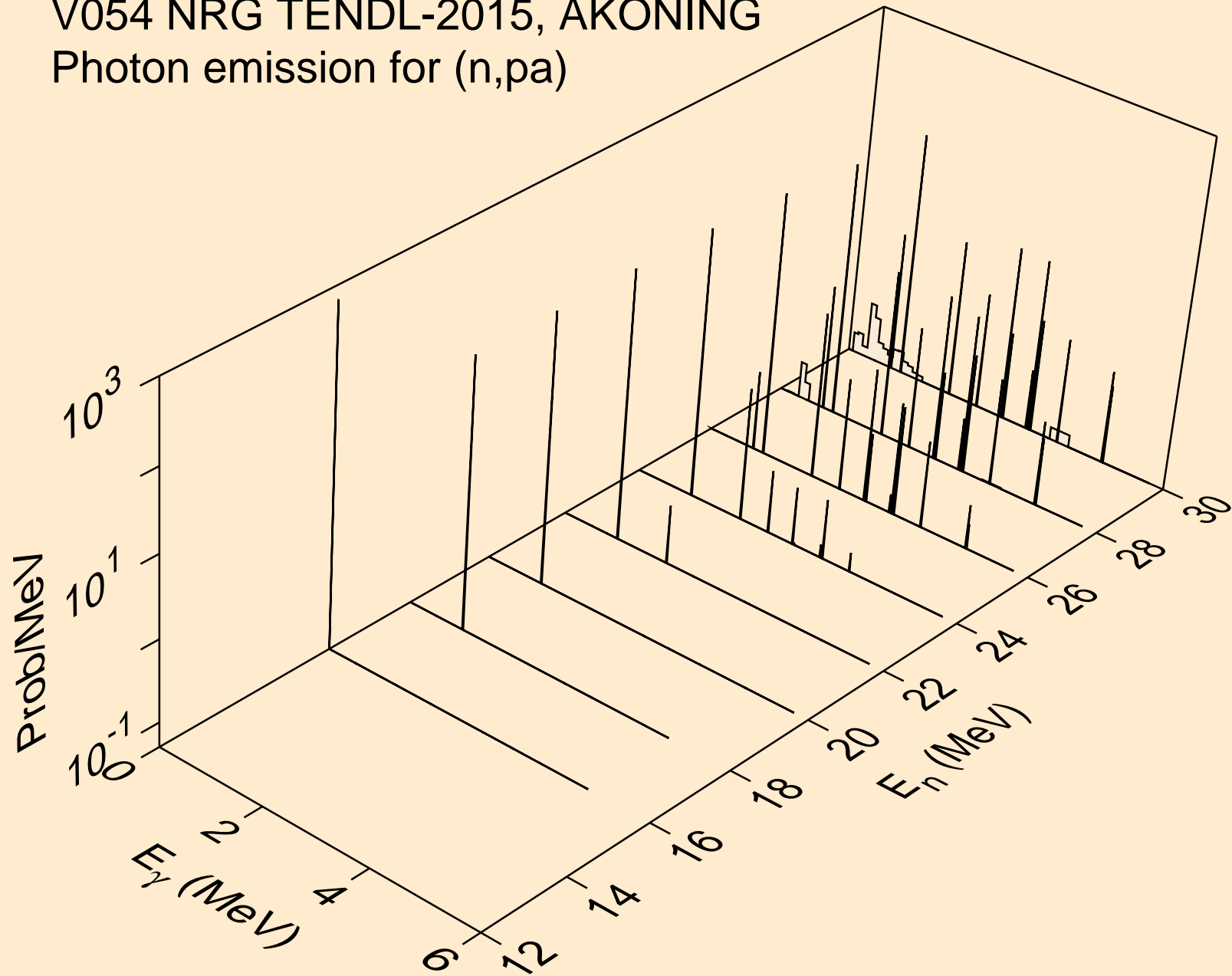
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



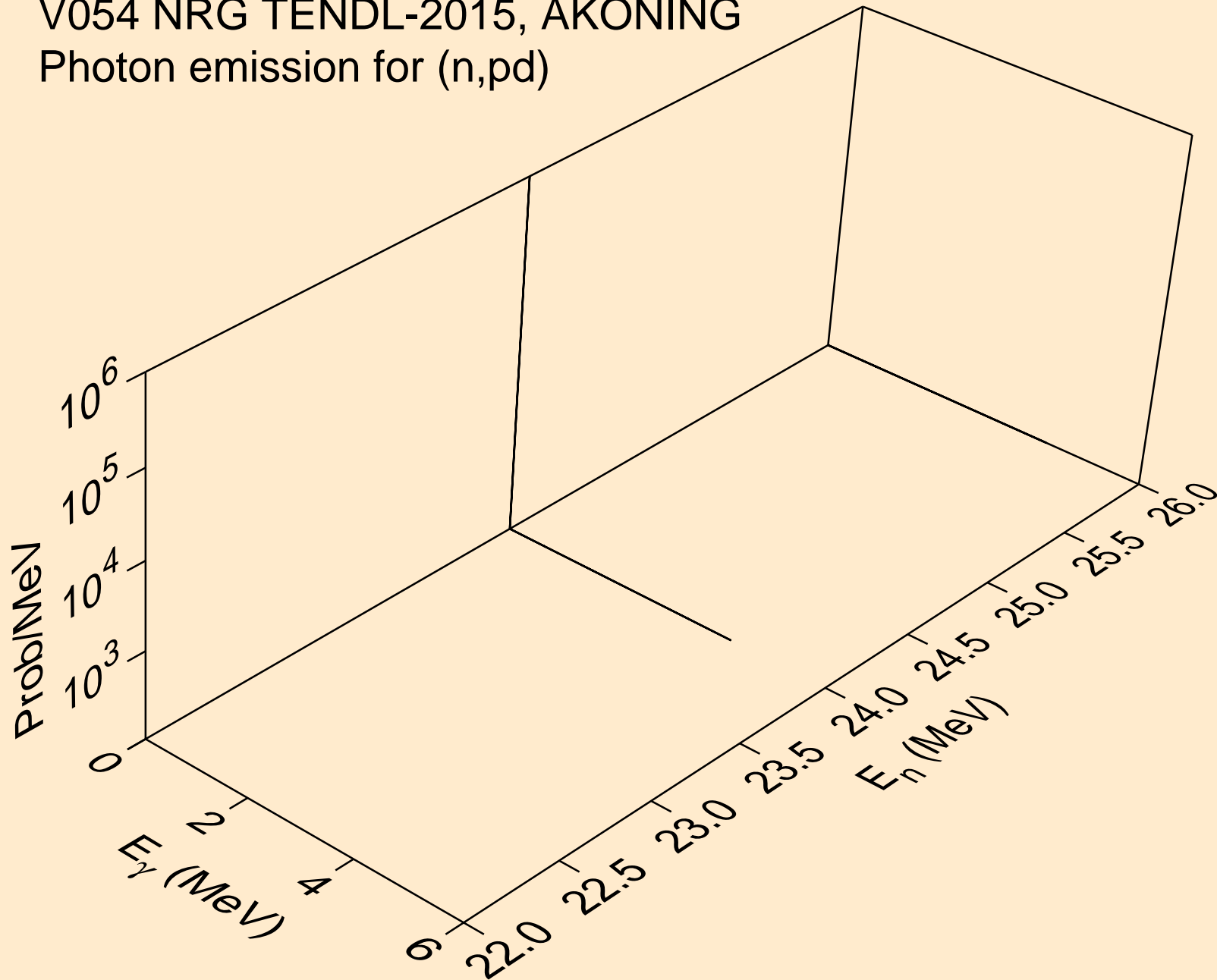
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



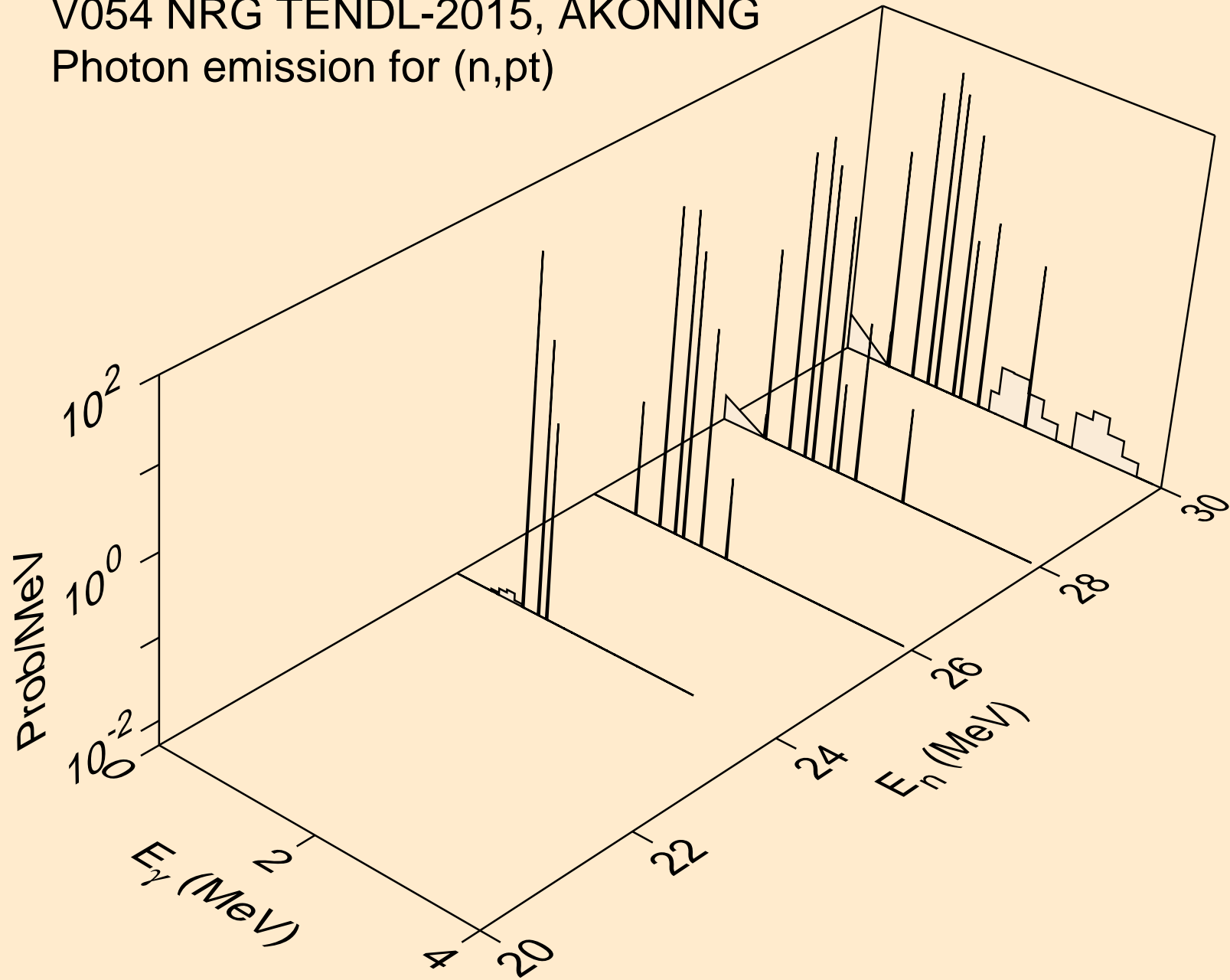
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



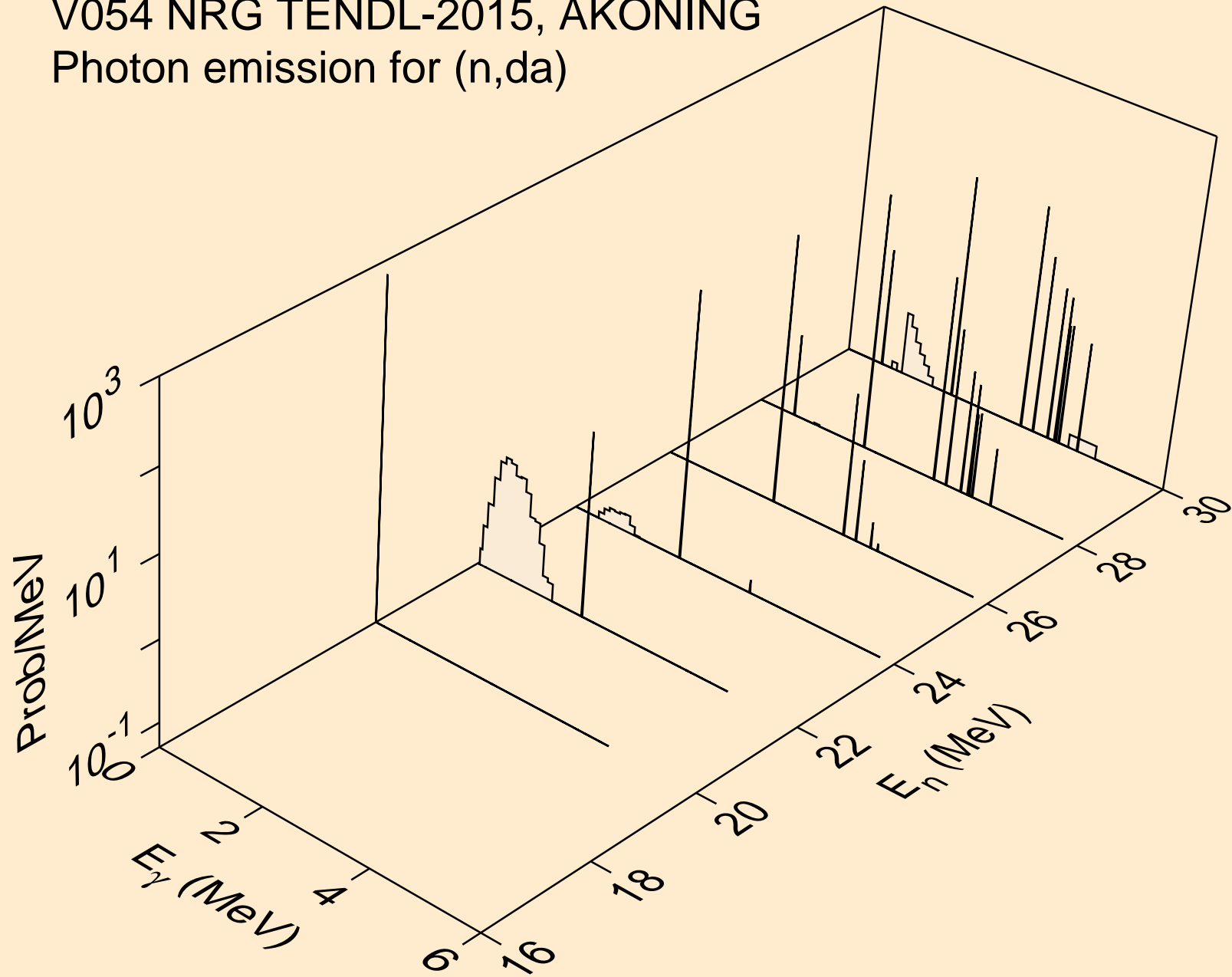
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



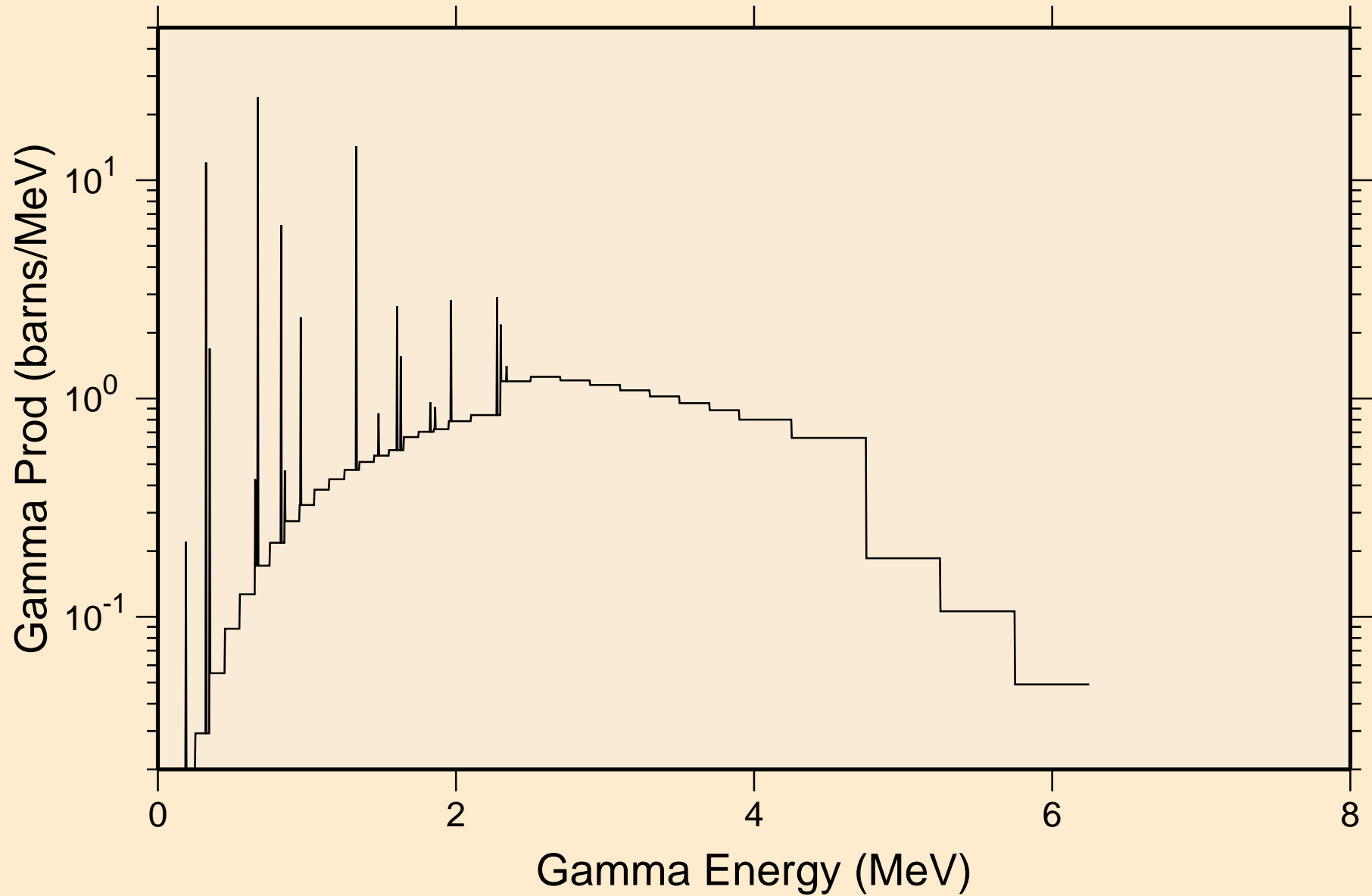
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



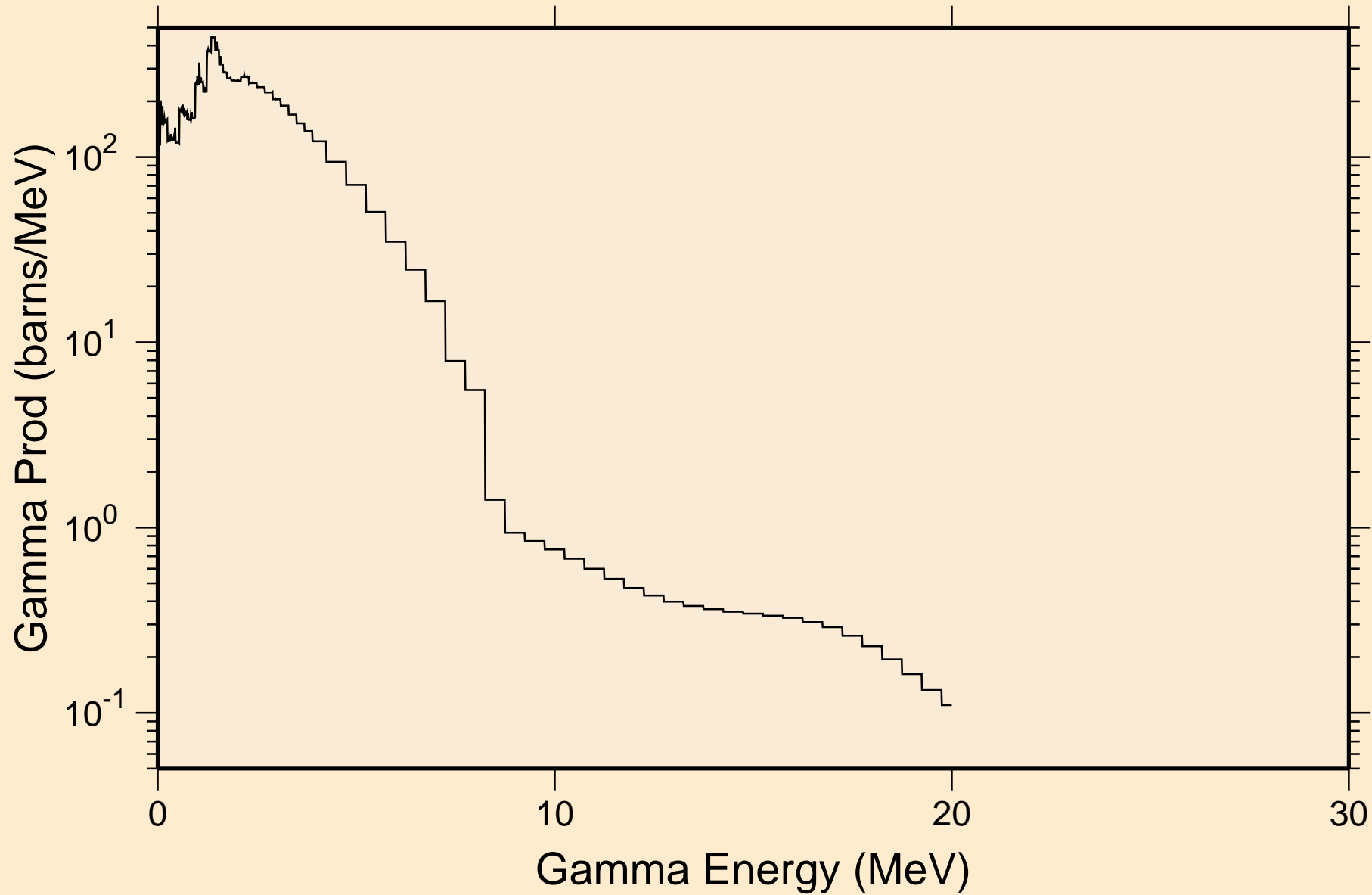
V054 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



V054 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



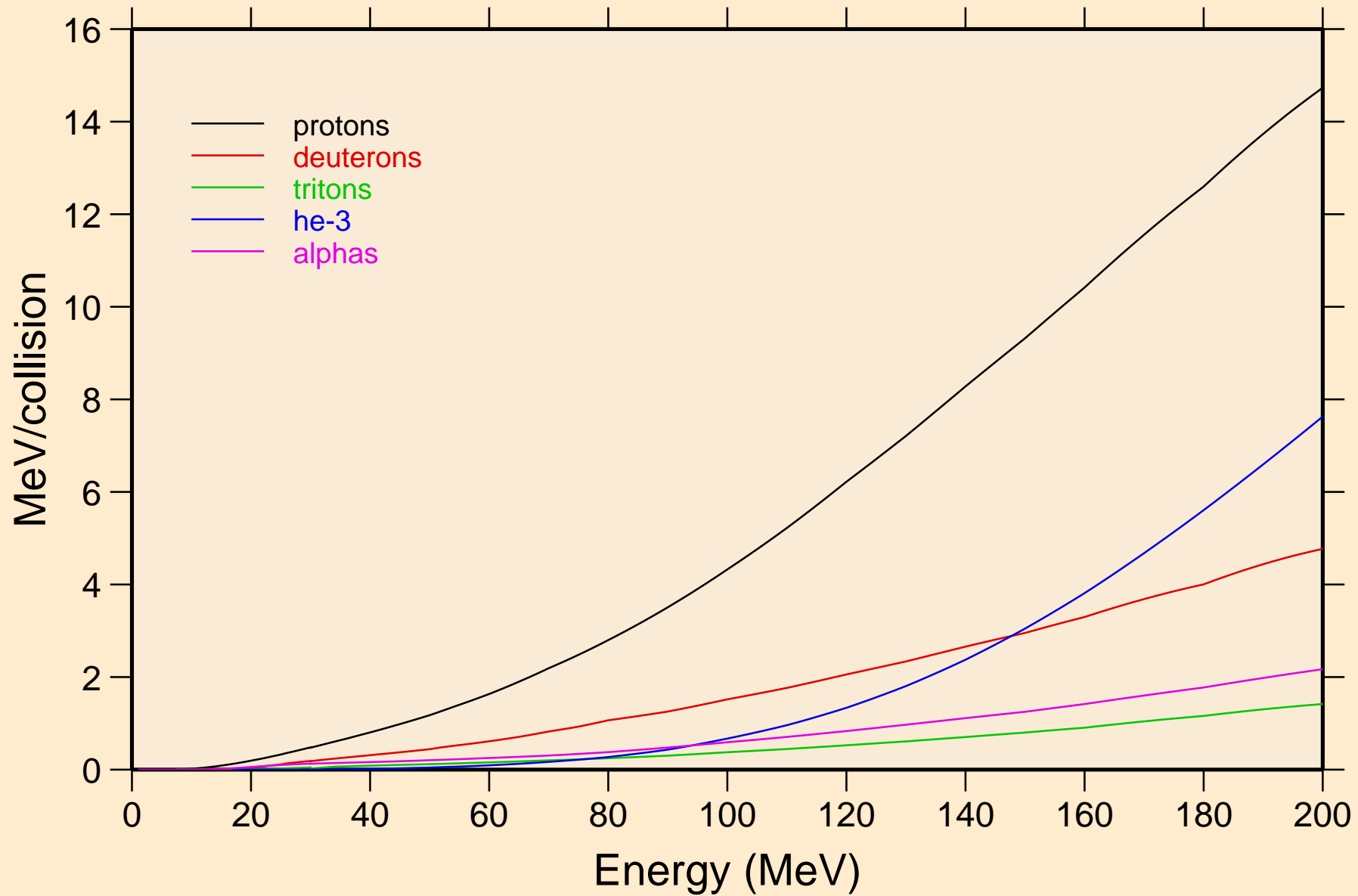
V054 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





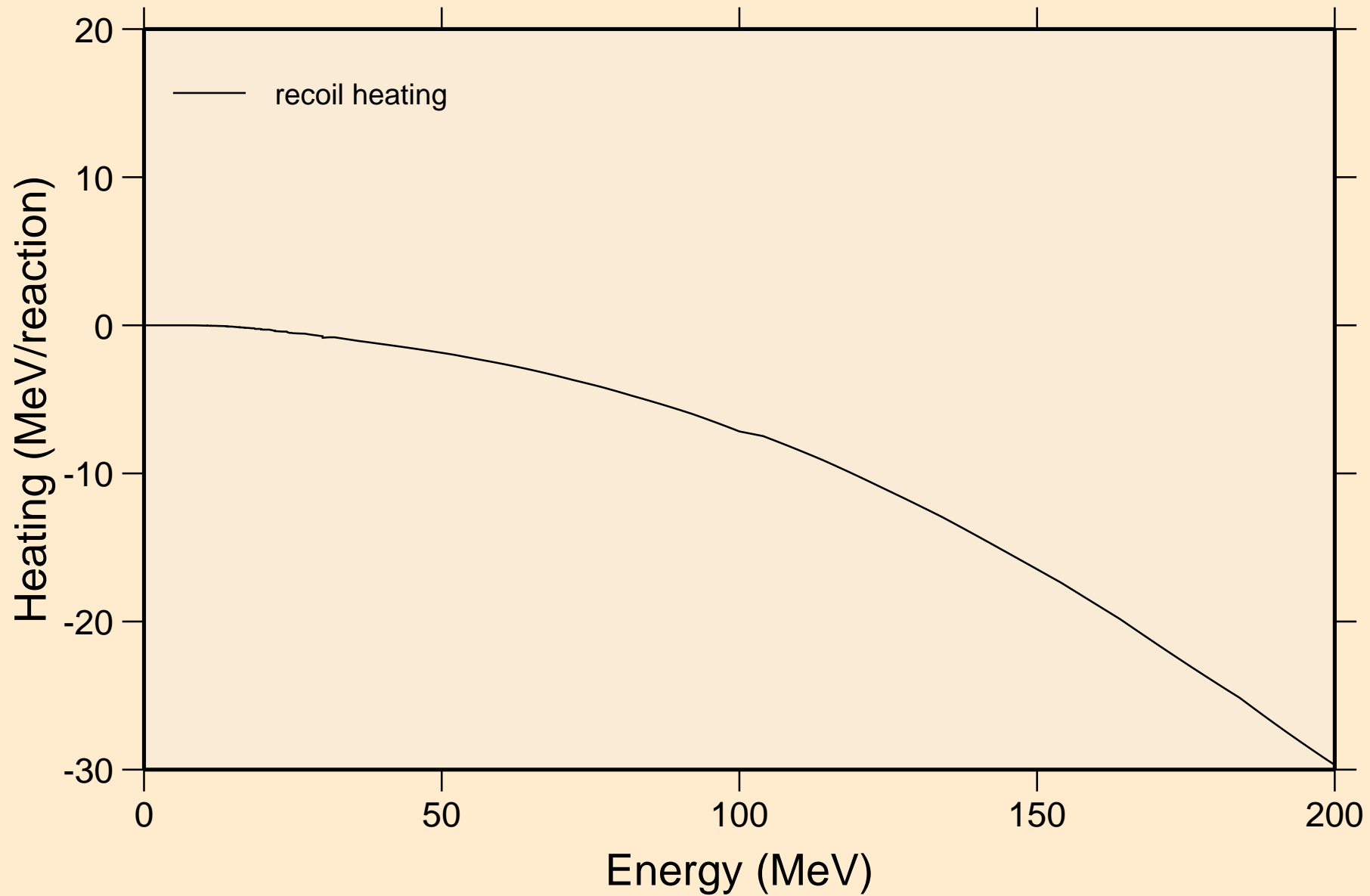
# V054 NRG TENDL-2015, AKONING

## Particle heating contributions



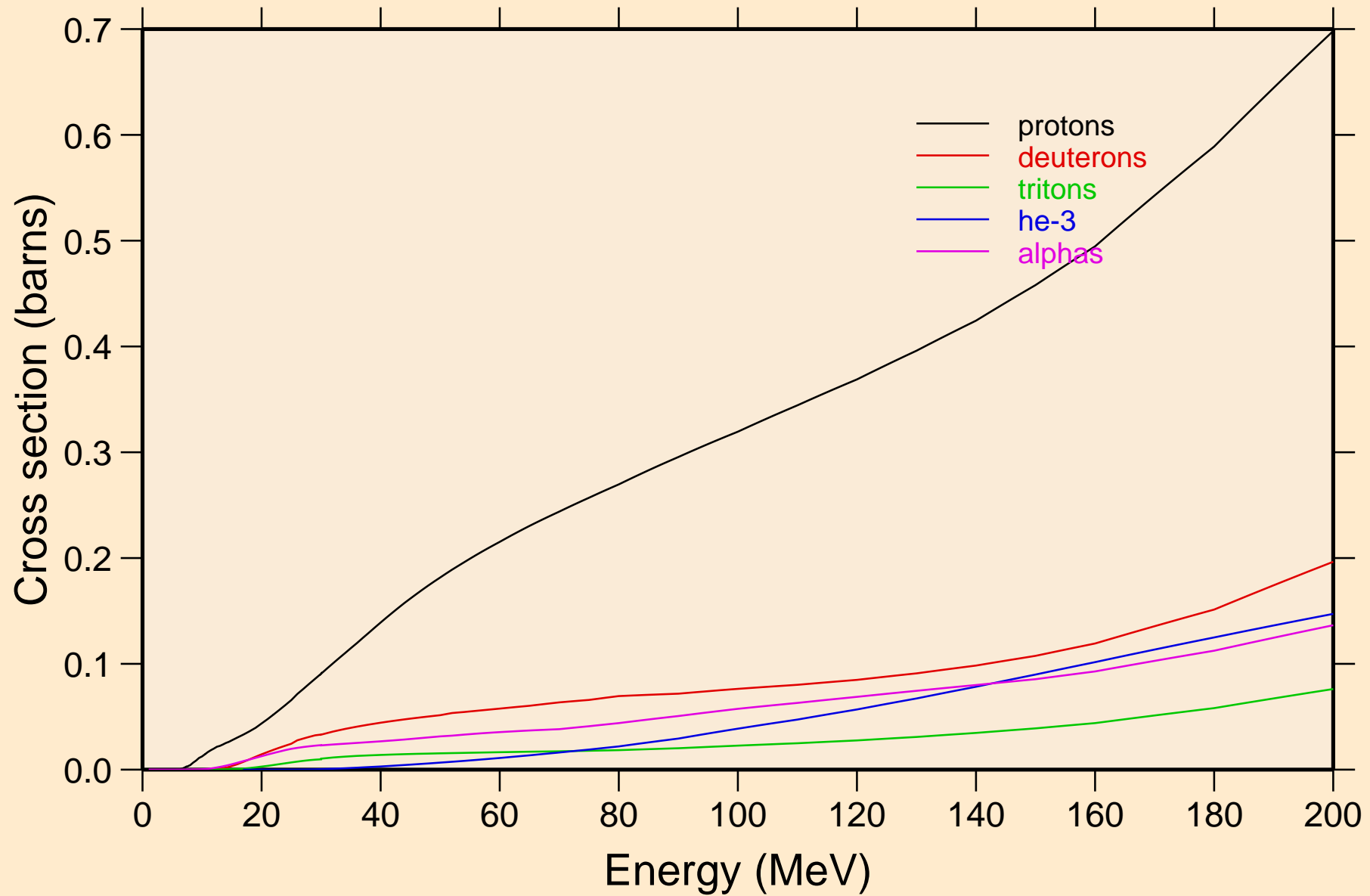
# V054 NRG TENDL-2015, AKONING

## Recoil Heating

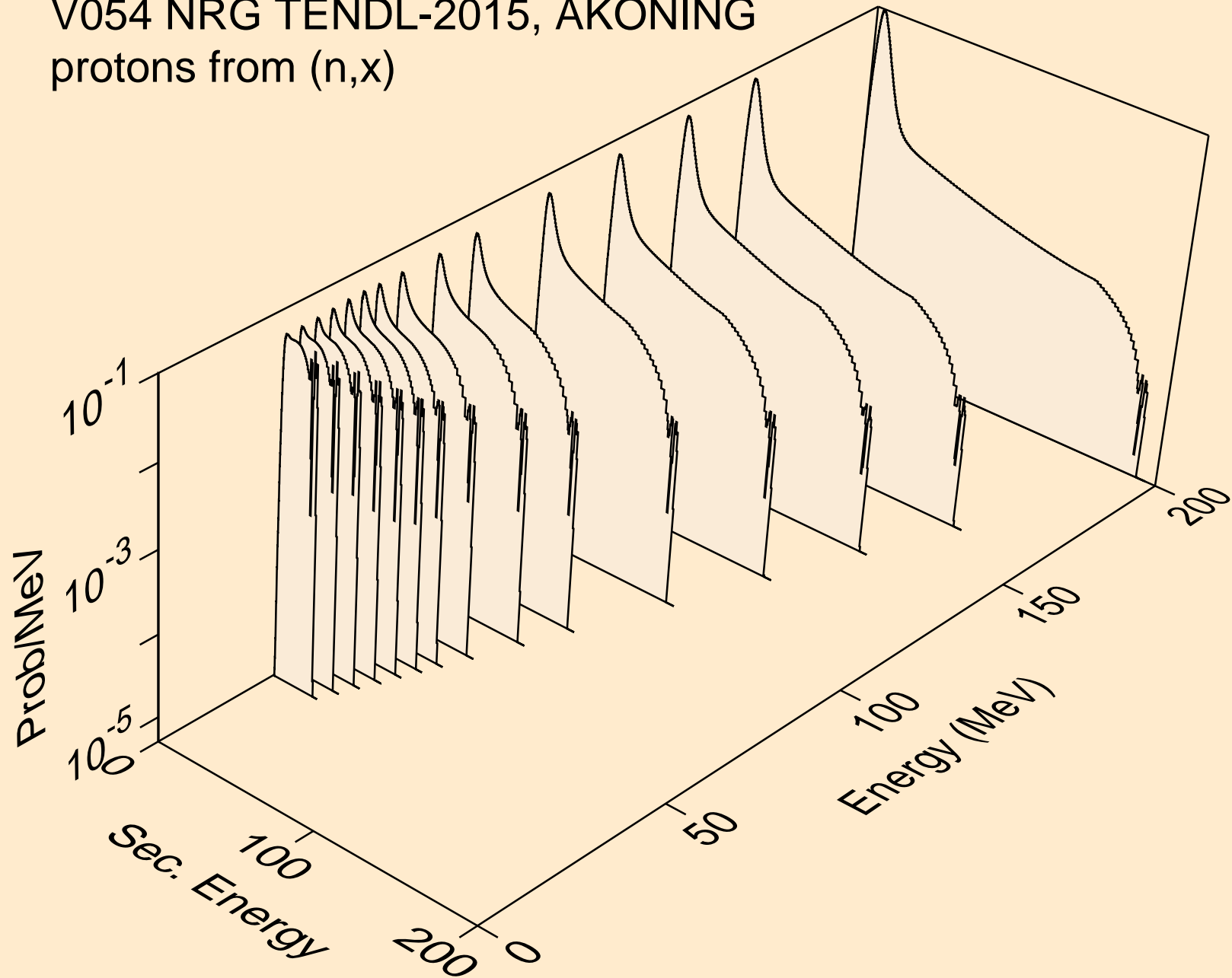


# V054 NRG TENDL-2015, AKONING

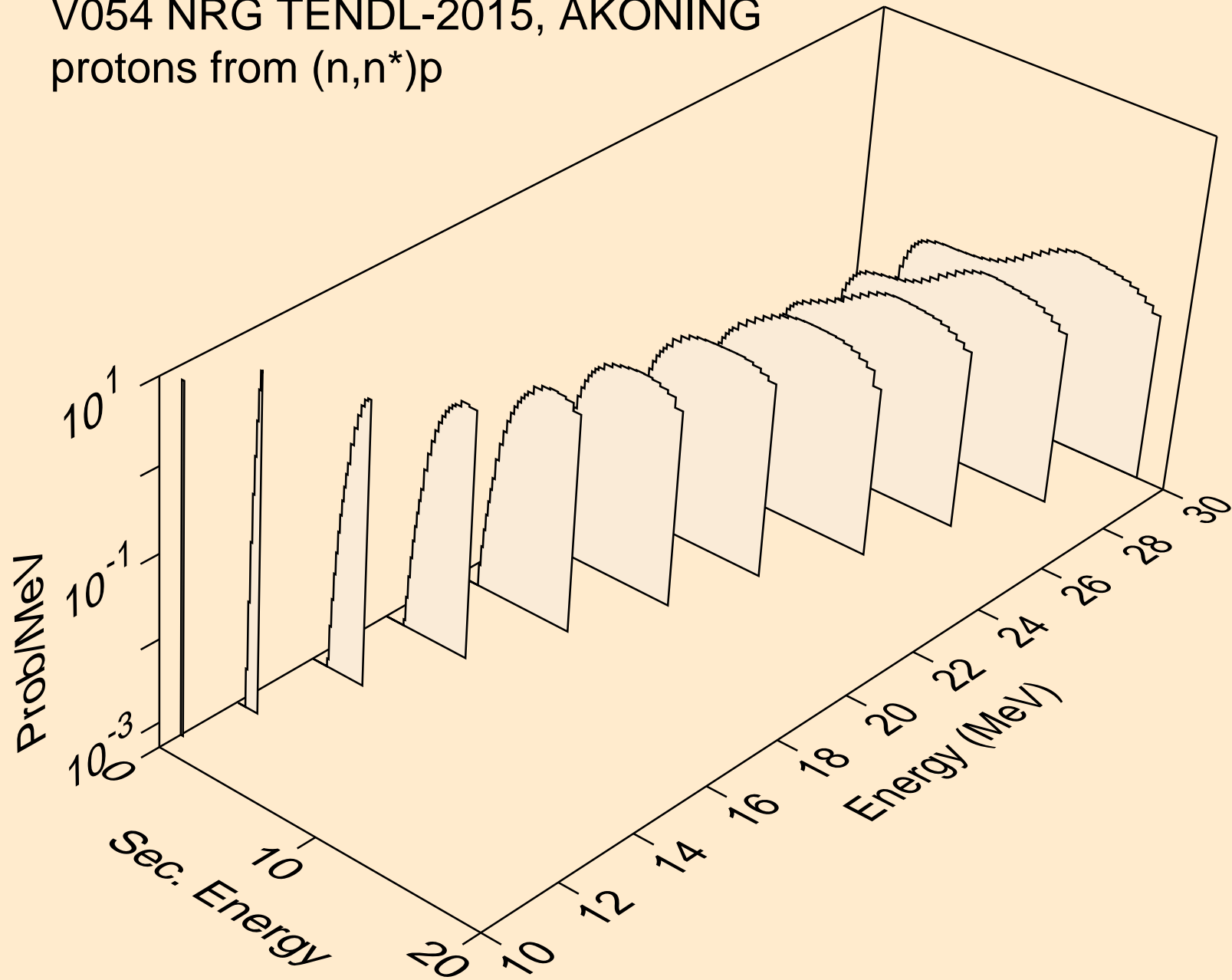
## Particle production cross sections



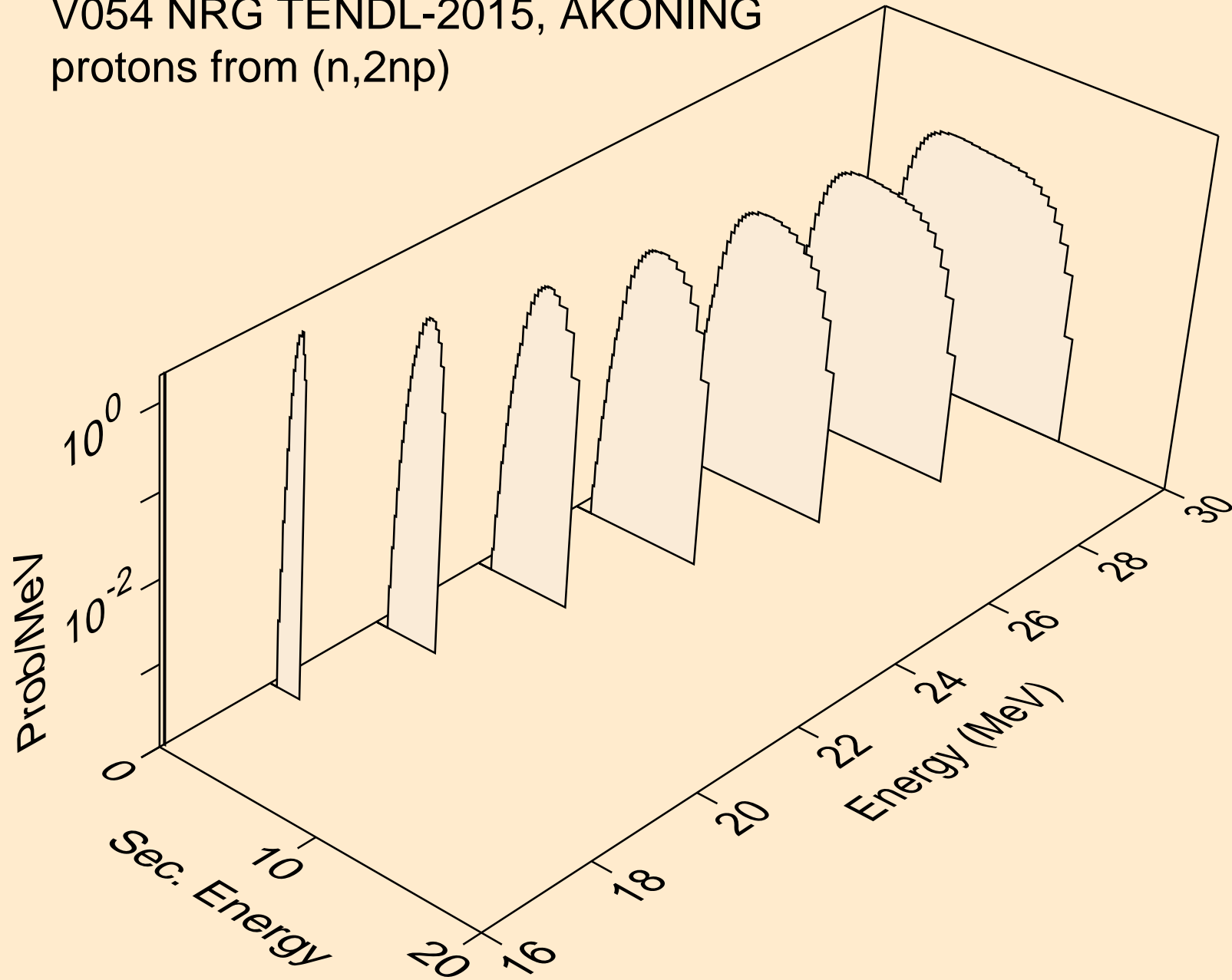
V054 NRG TENDL-2015, AKONING  
protons from (n,x)



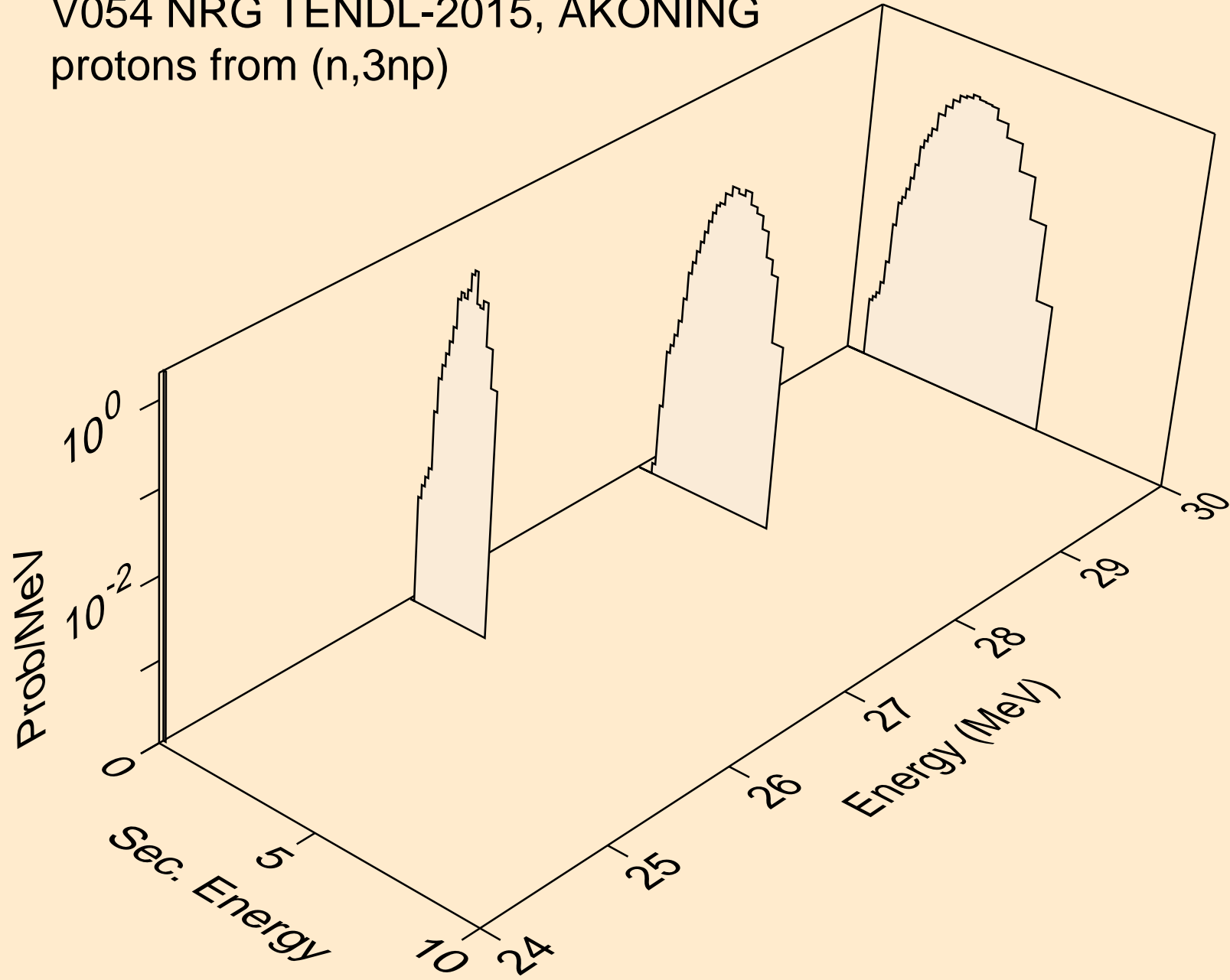
V054 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



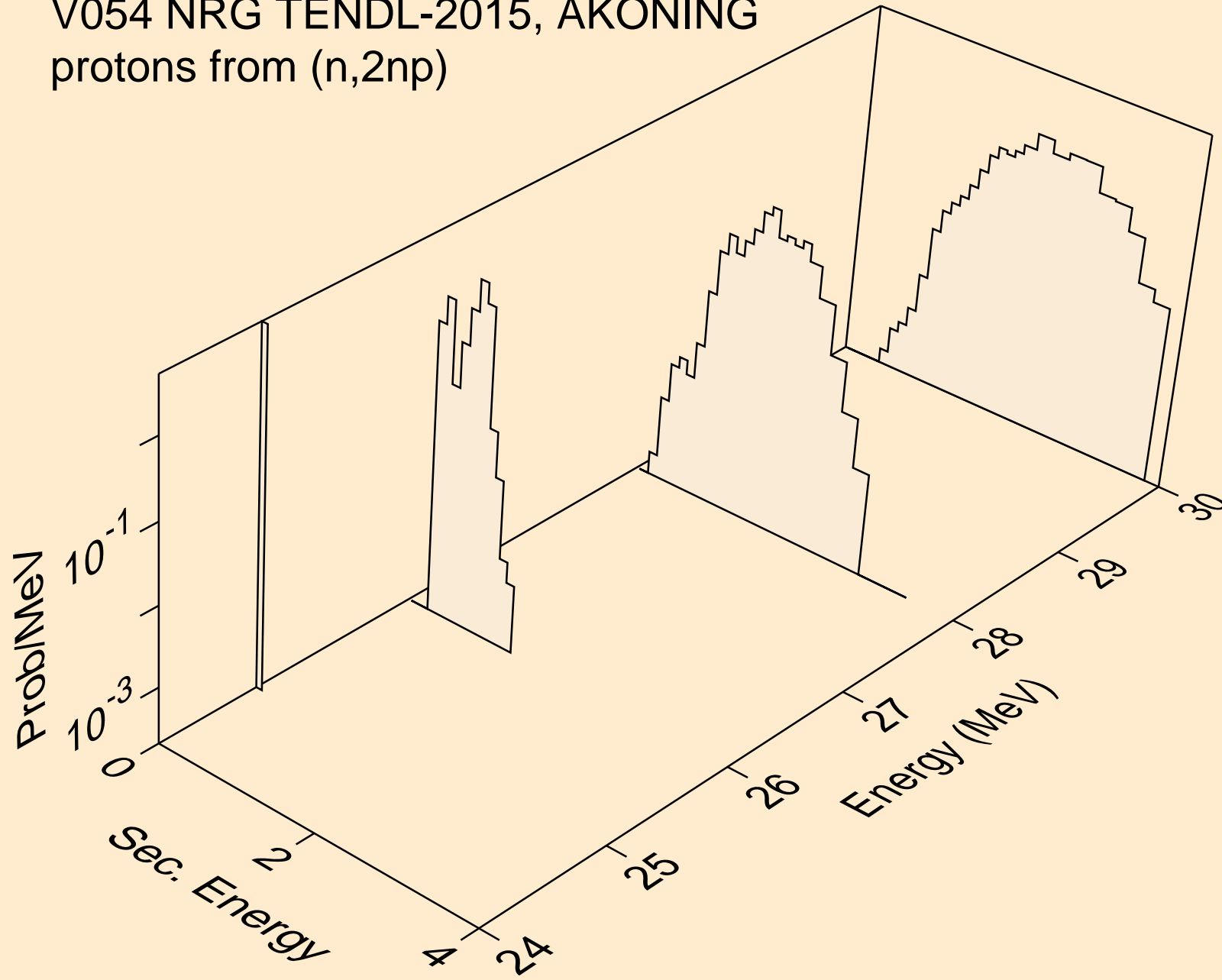
V054 NRG TENDL-2015, AKONING  
protons from (n,2np)



V054 NRG TENDL-2015, AKONING  
protons from (n,3np)

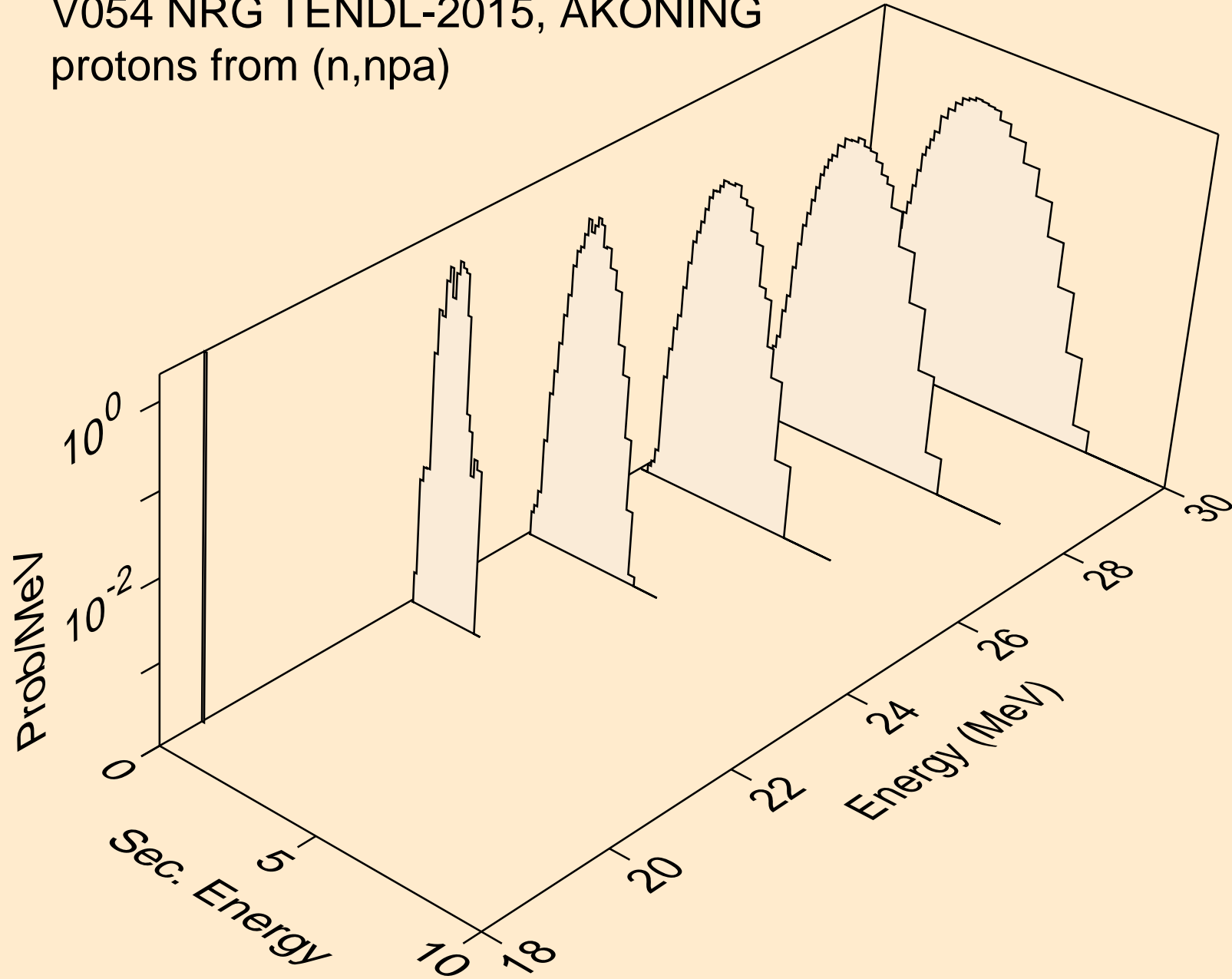


V054 NRG TENDL-2015, AKONING  
protons from (n,2np)

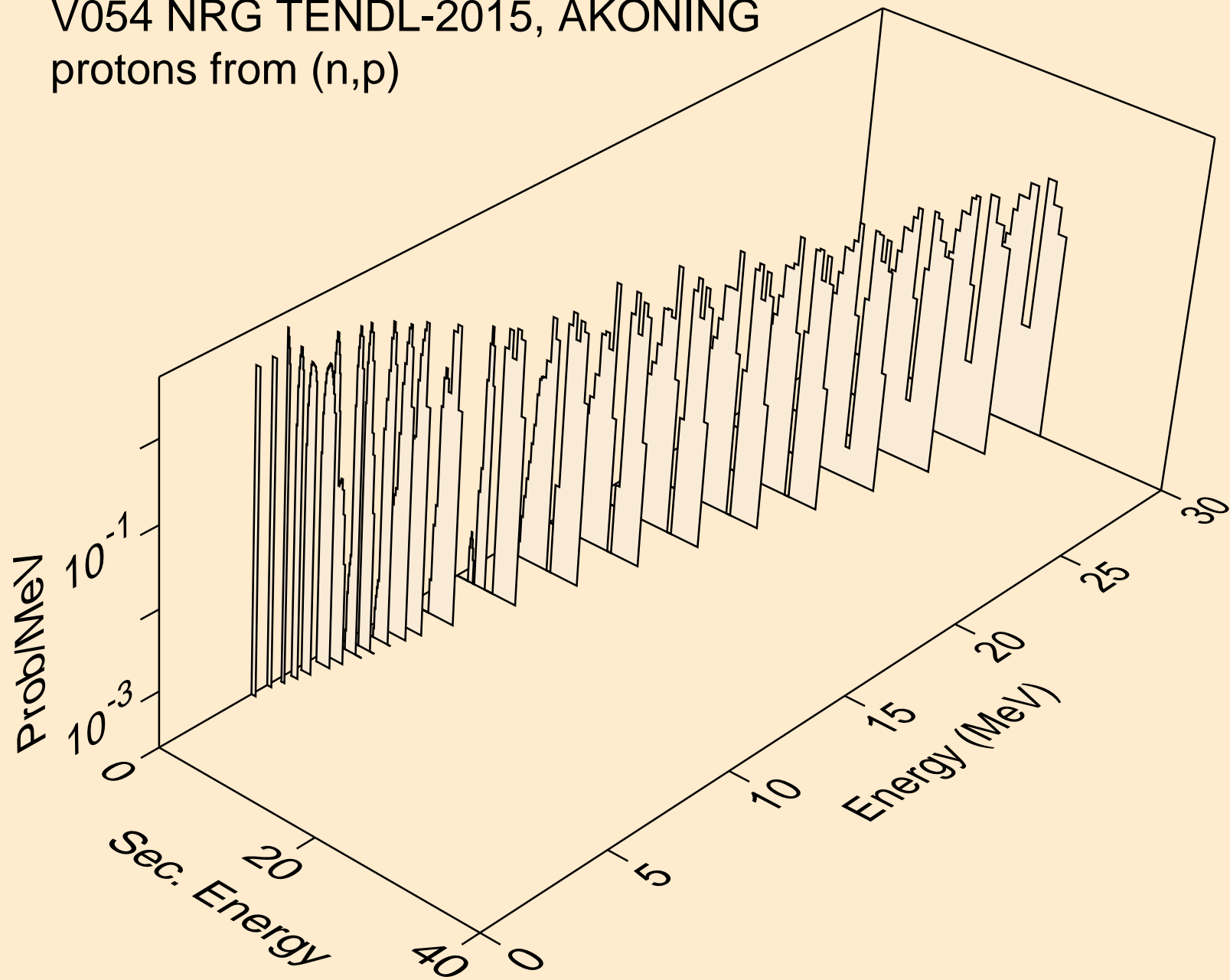




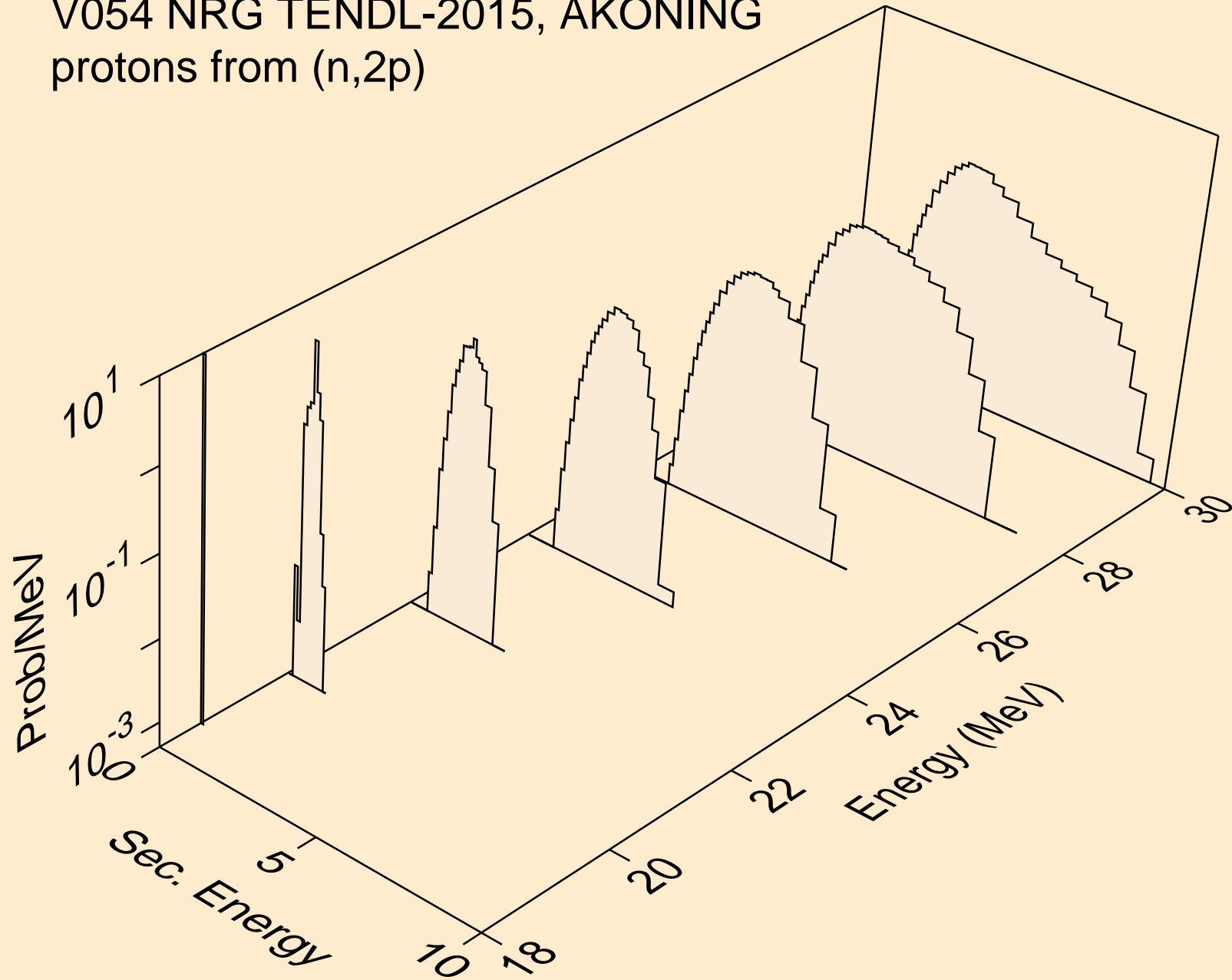
V054 NRG TENDL-2015, AKONING  
protons from (n,npa)



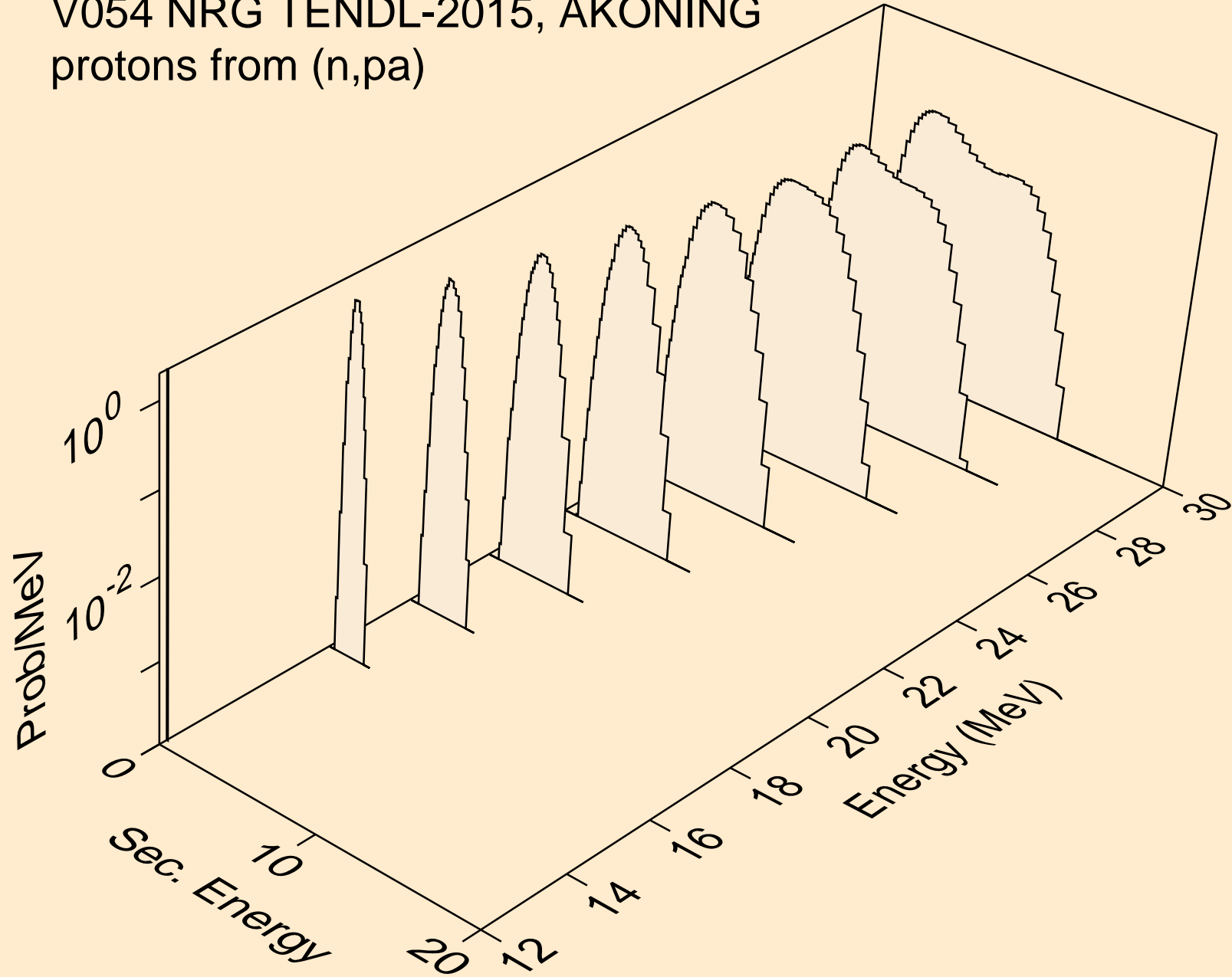
V054 NRG TENDL-2015, AKONING  
protons from (n,p)



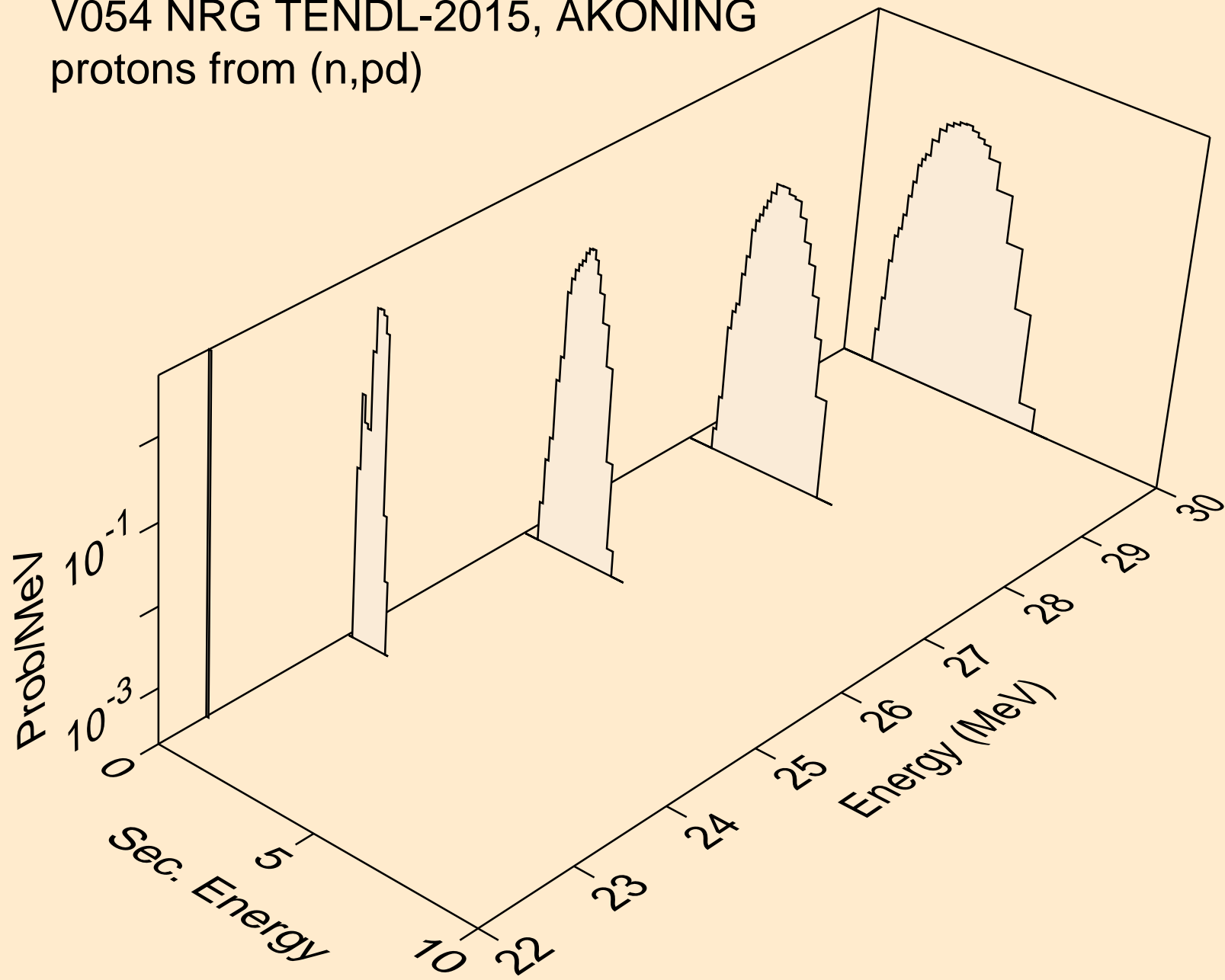
V054 NRG TENDL-2015, AKONING  
protons from (n,2p)



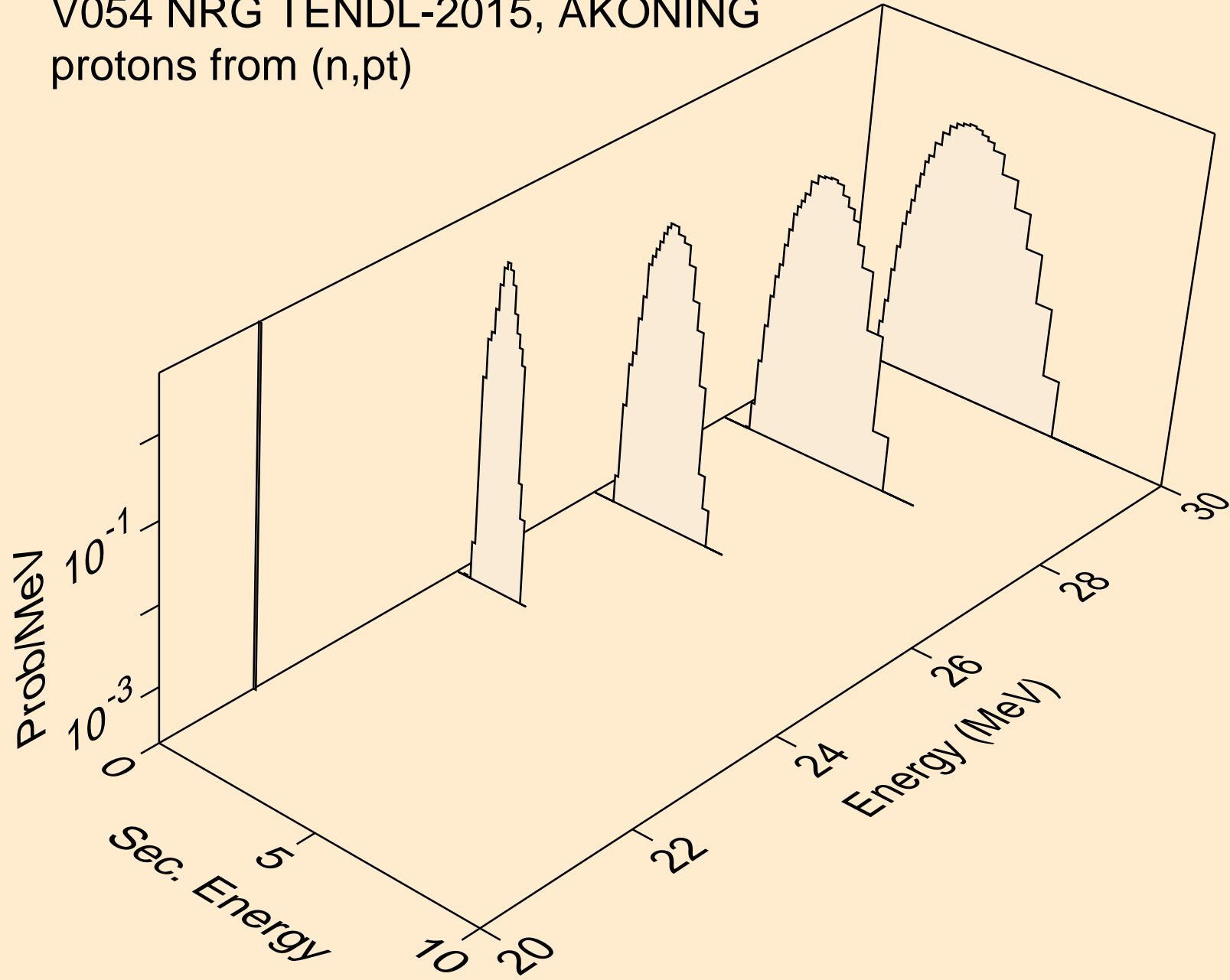
V054 NRG TENDL-2015, AKONING  
protons from (n,pa)



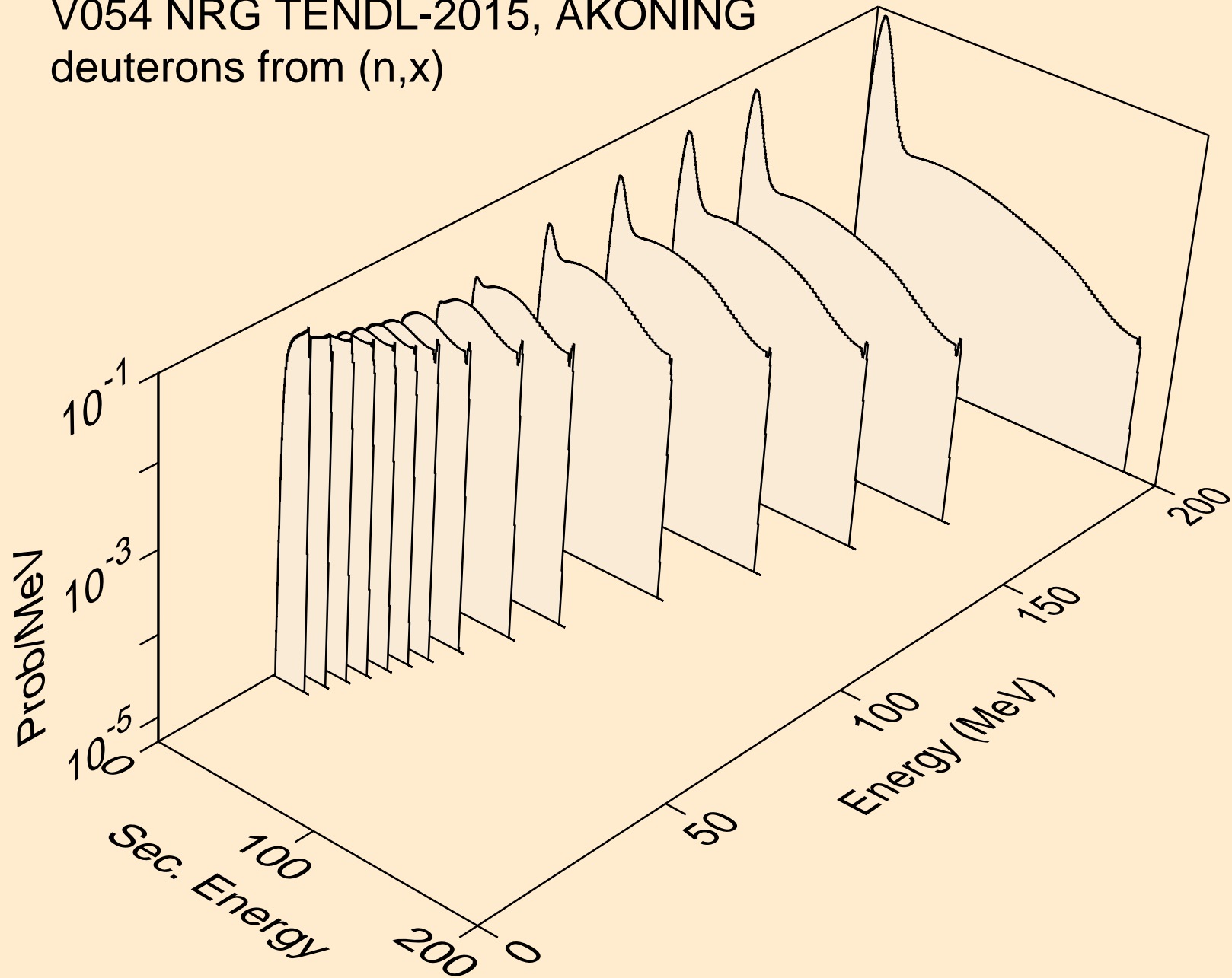
V054 NRG TENDL-2015, AKONING  
protons from (n,pd)



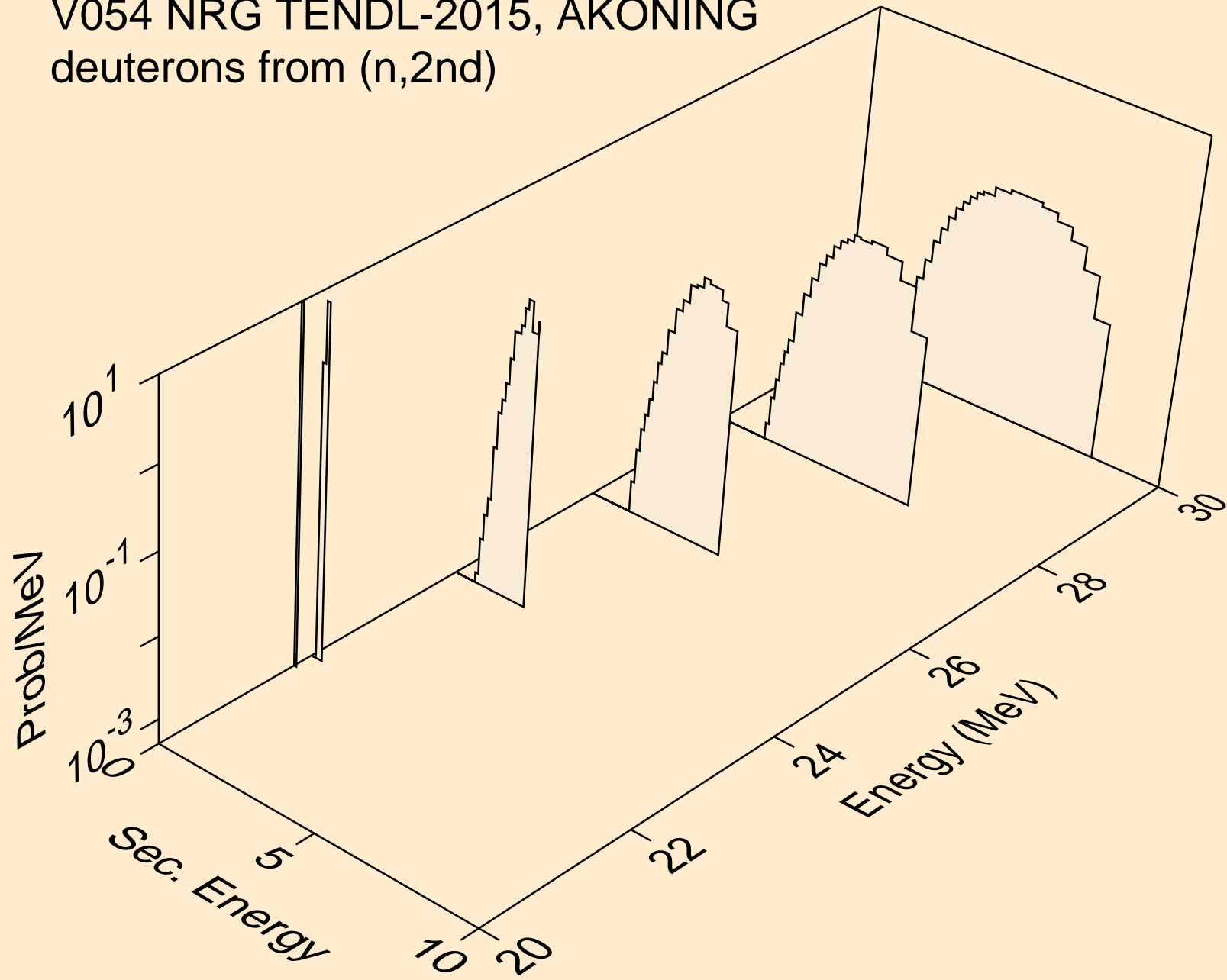
V054 NRG TENDL-2015, AKONING  
protons from (n,pt)



V054 NRG TENDL-2015, AKONING  
deuterons from (n,x)

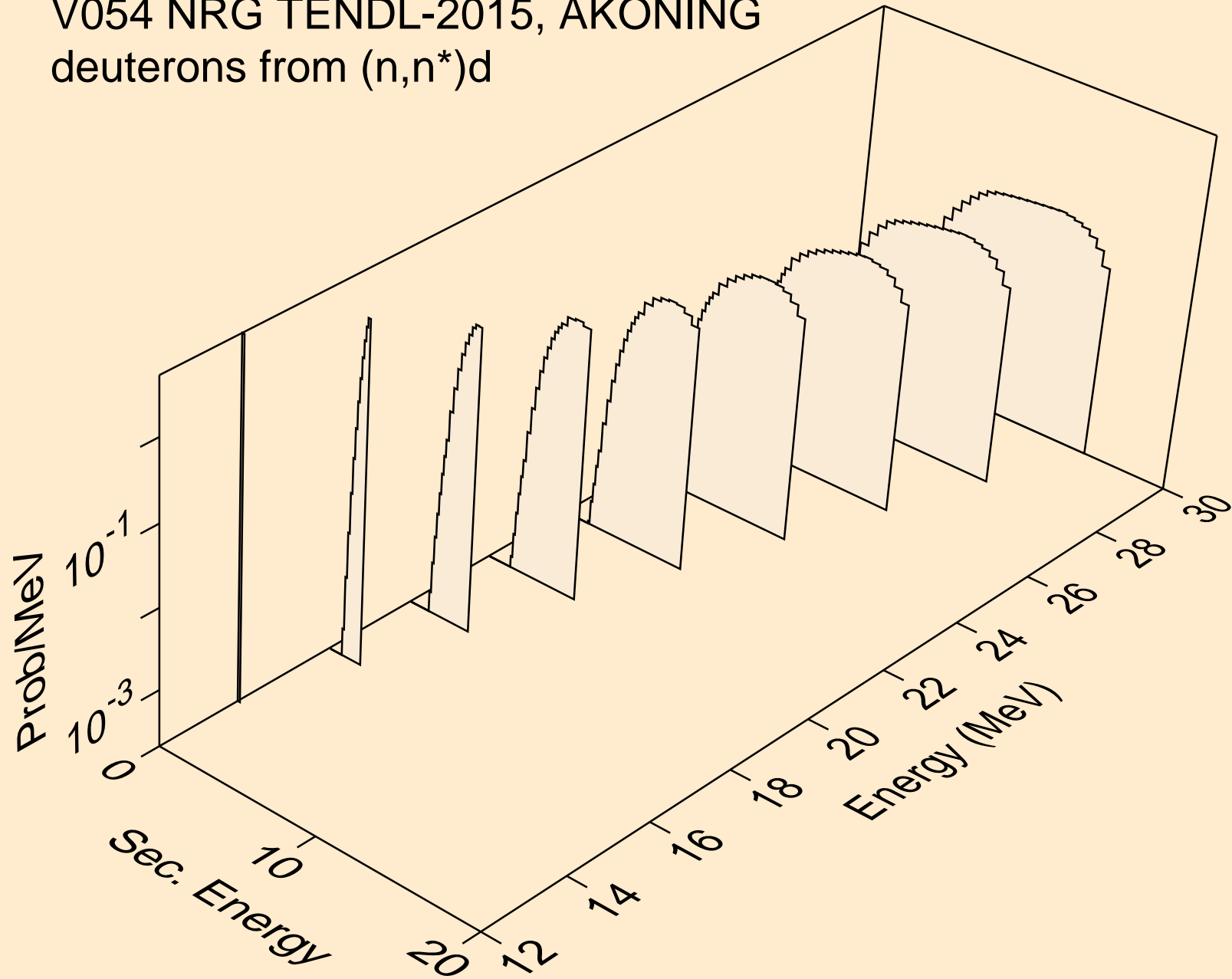


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deuterons from (n,2nd)

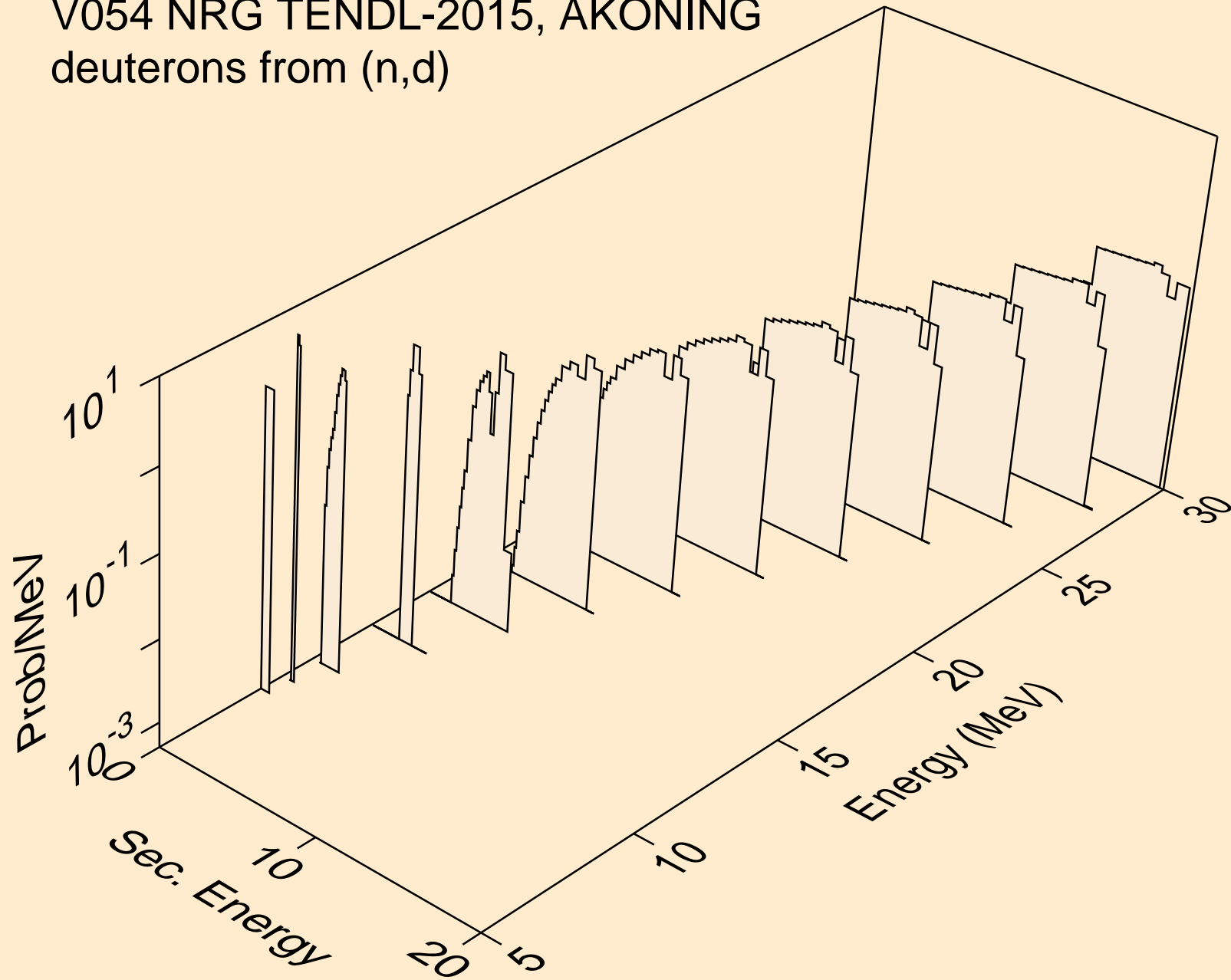




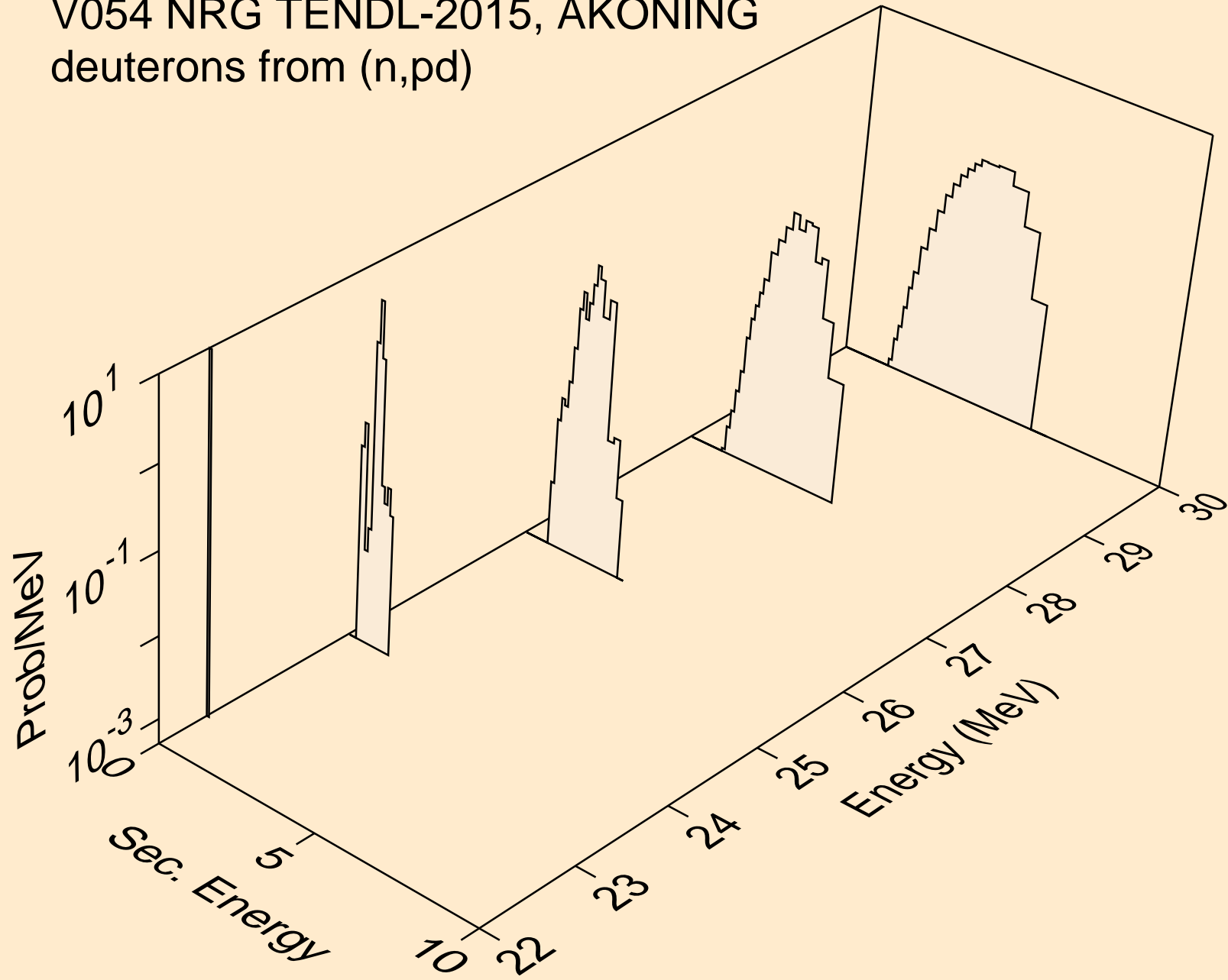
V054 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



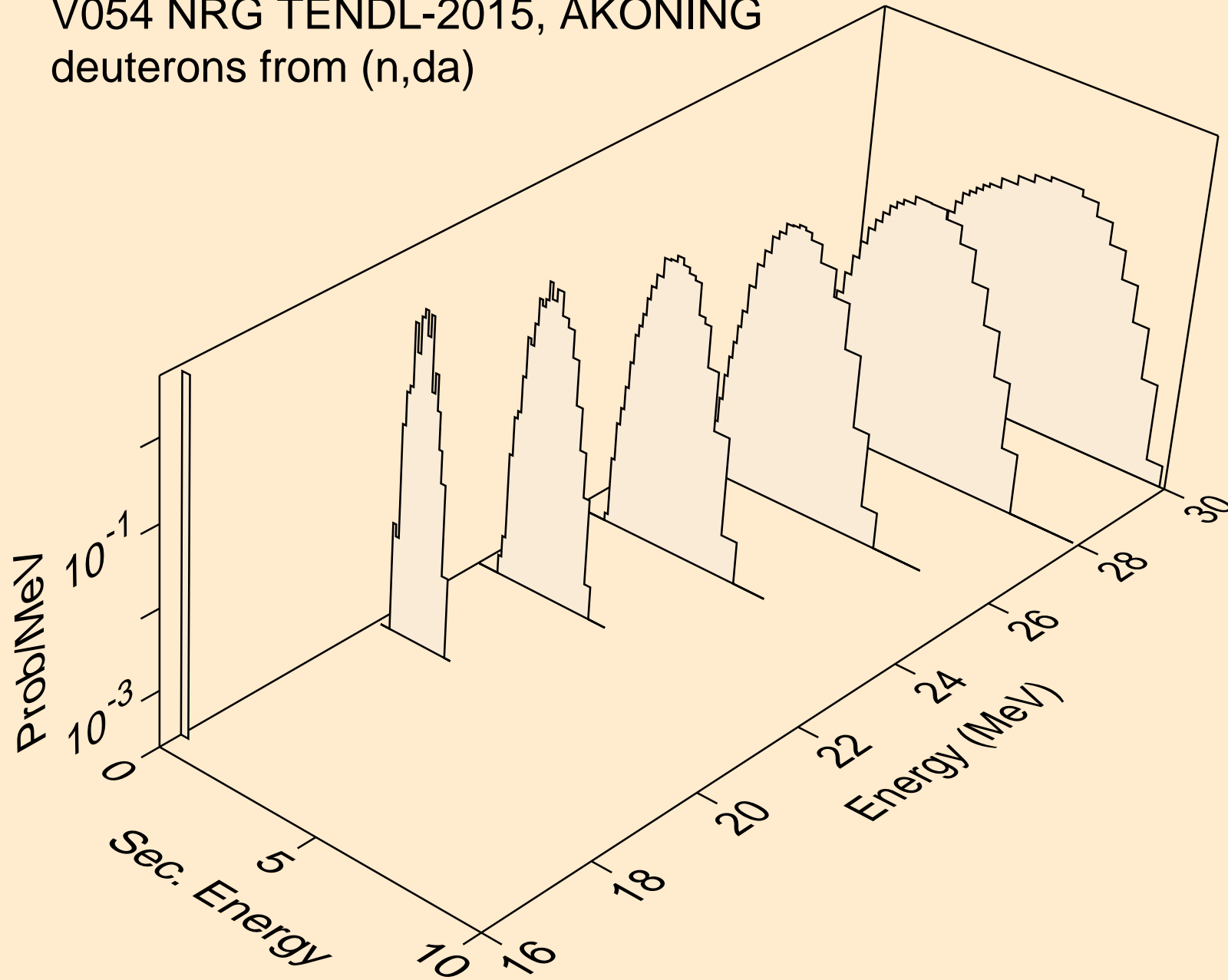
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deuterons from (n,d)



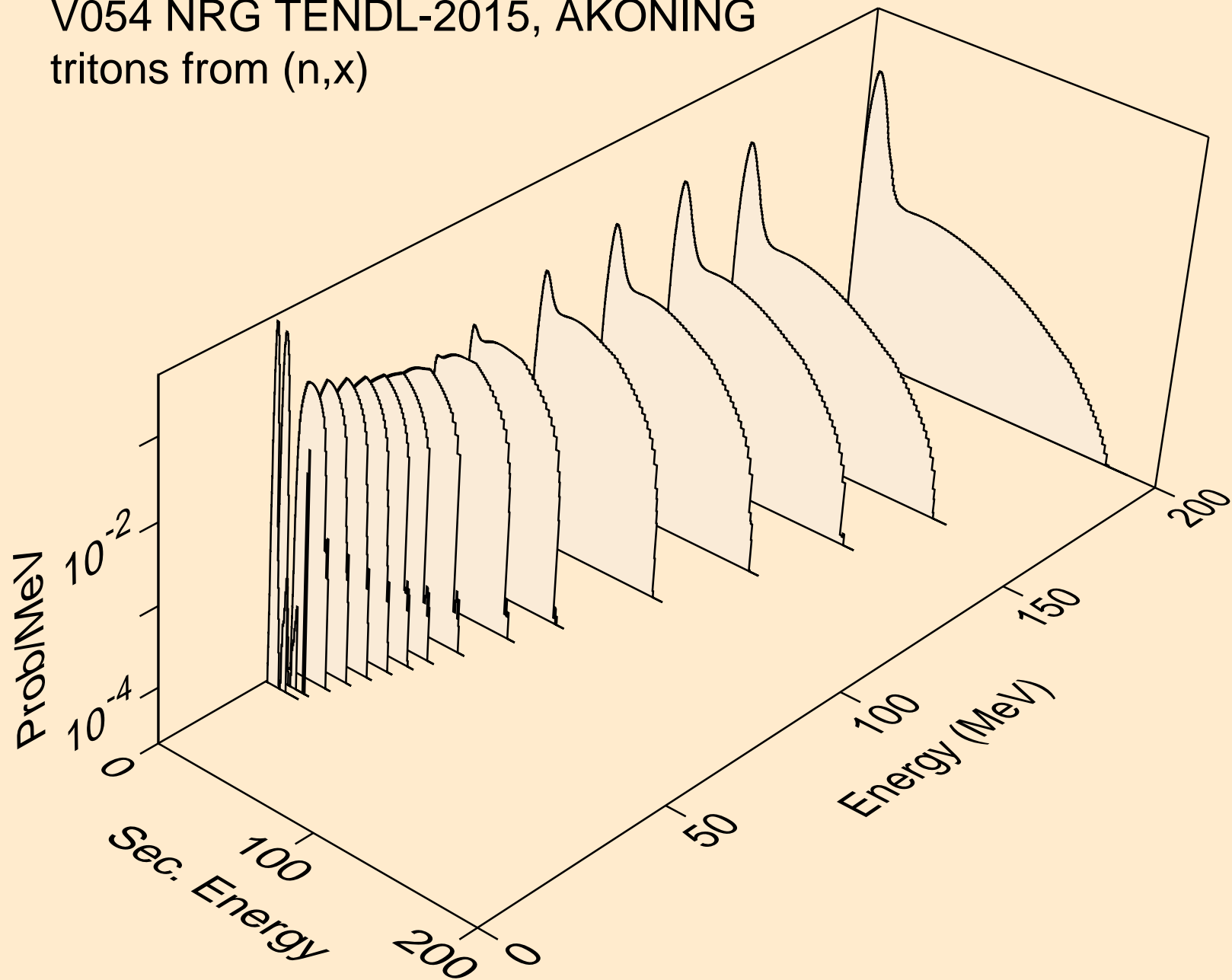
V054 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



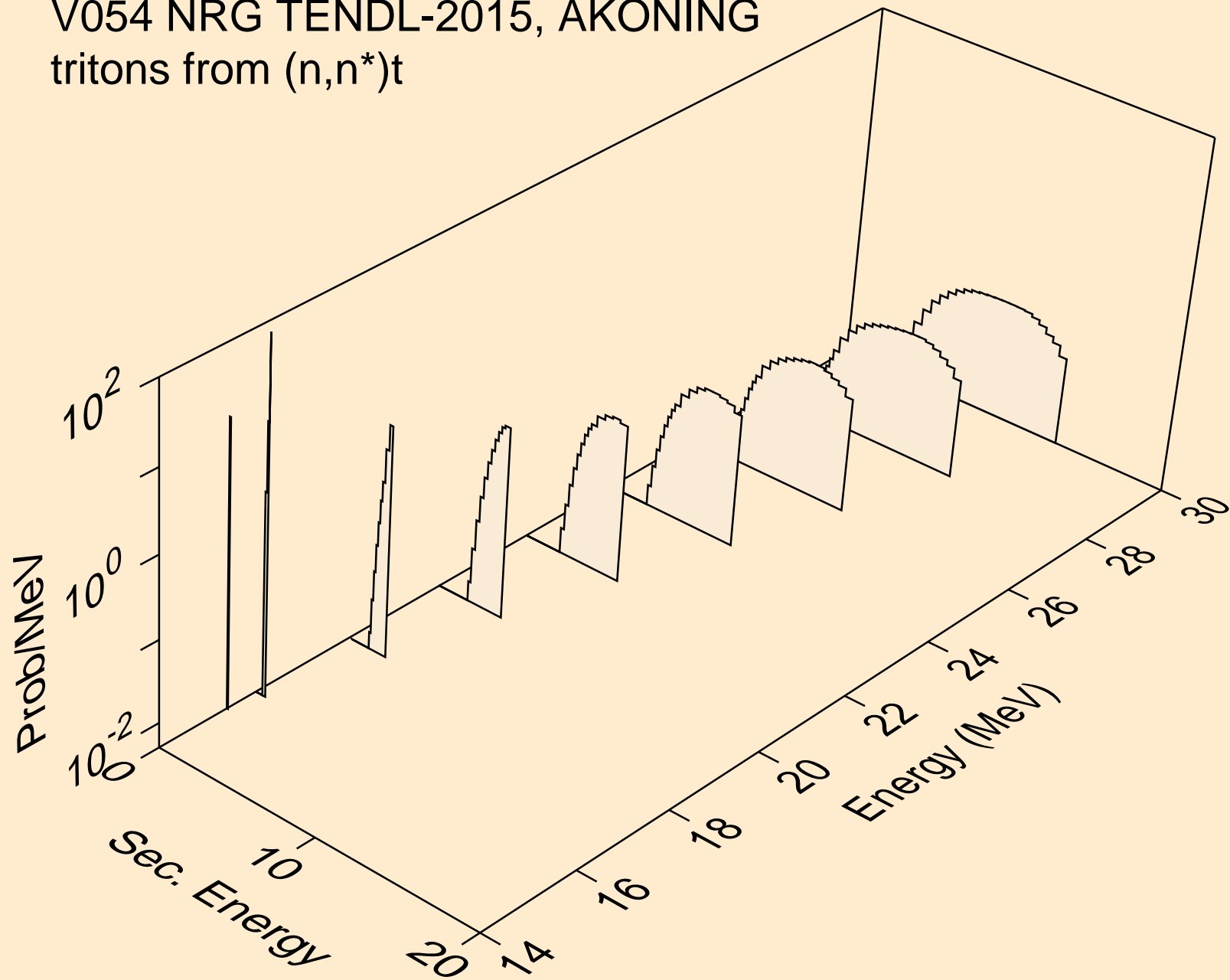
V054 NRG TENDL-2015, AKONING  
deuterons from (n,da)



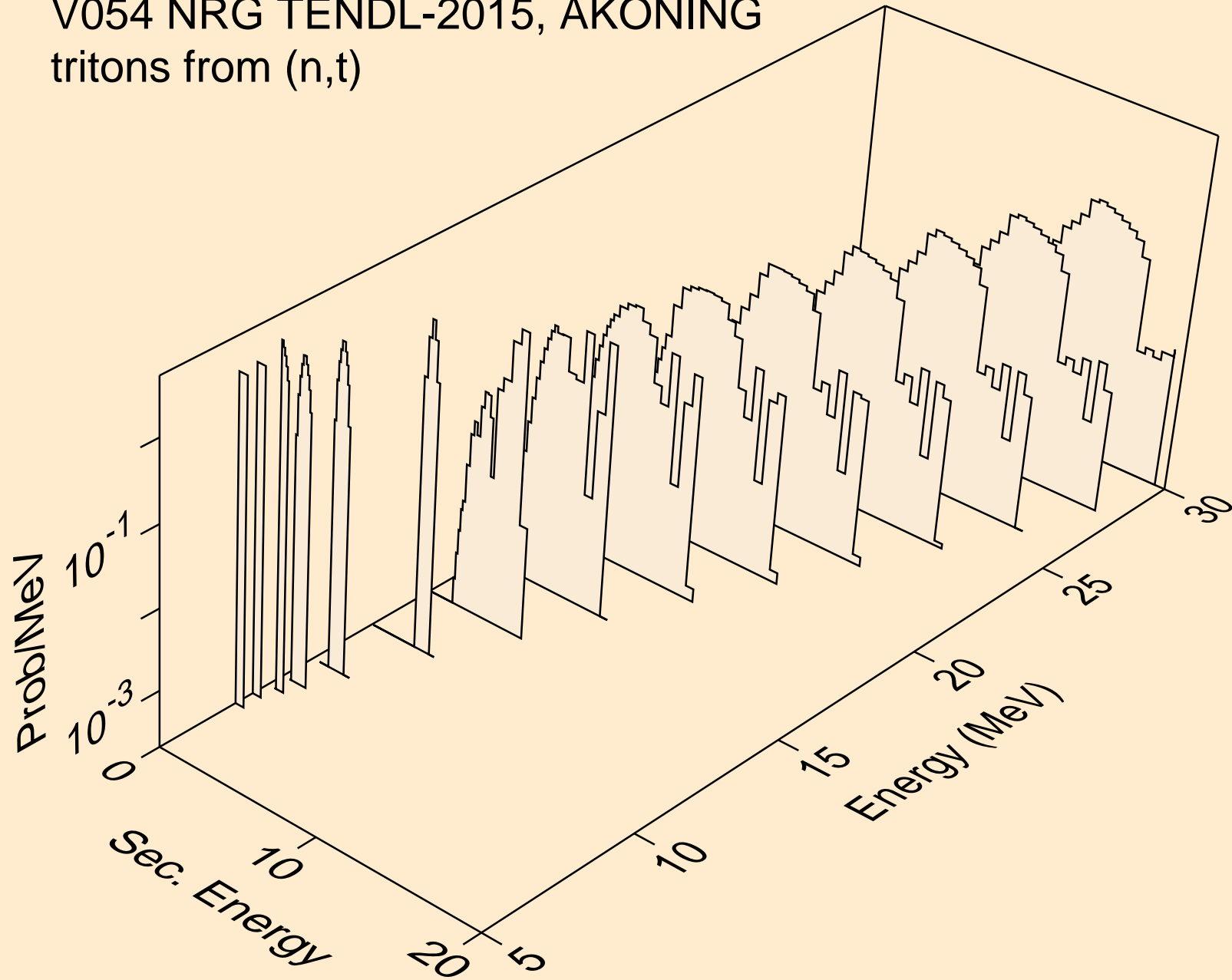
V054 NRG TENDL-2015, AKONING  
tritons from (n,x)



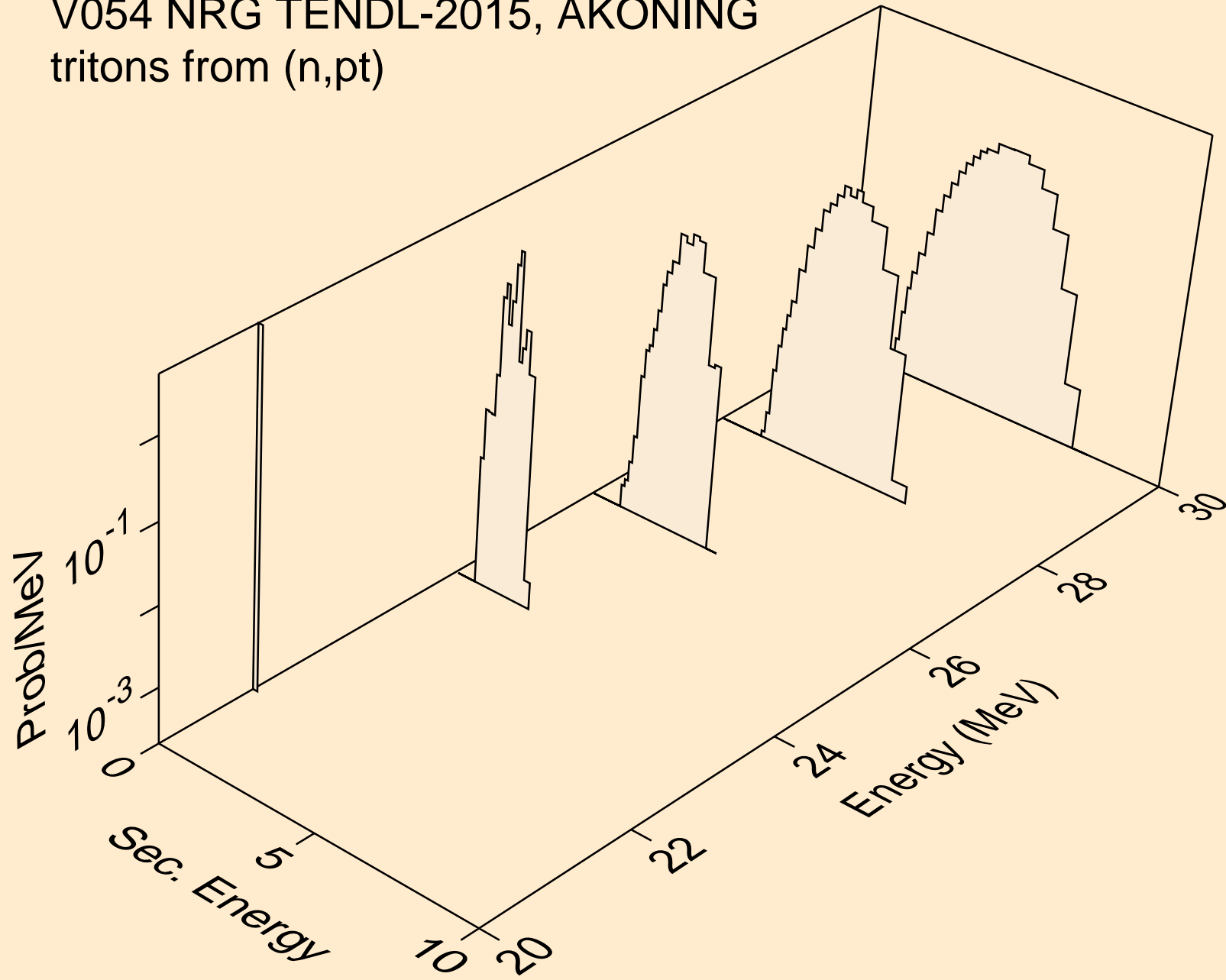
V054 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



V054 NRG TENDL-2015, AKONING  
tritons from (n,t)

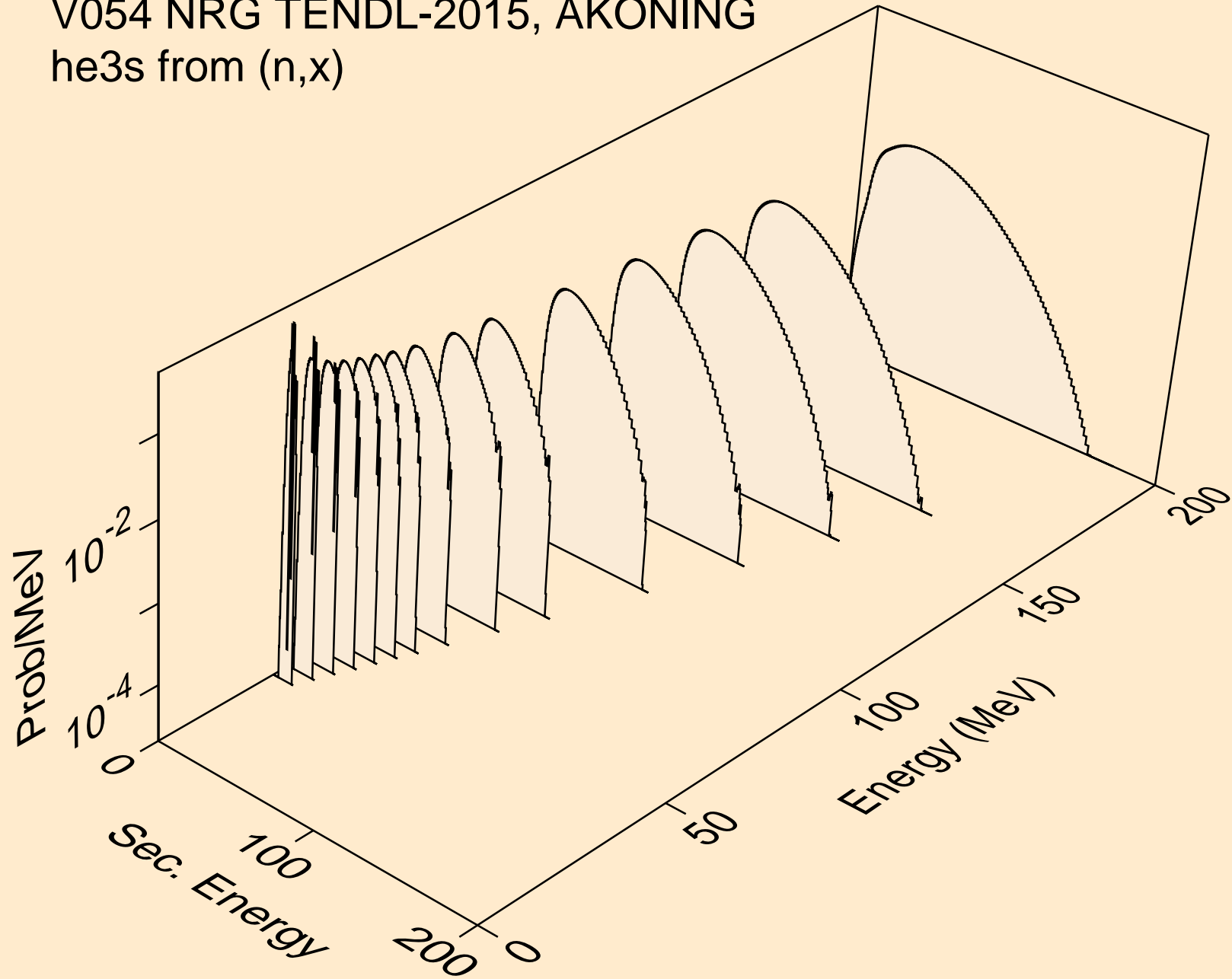


V054 NRG TENDL-2015, AKONING  
tritons from (n,pt)

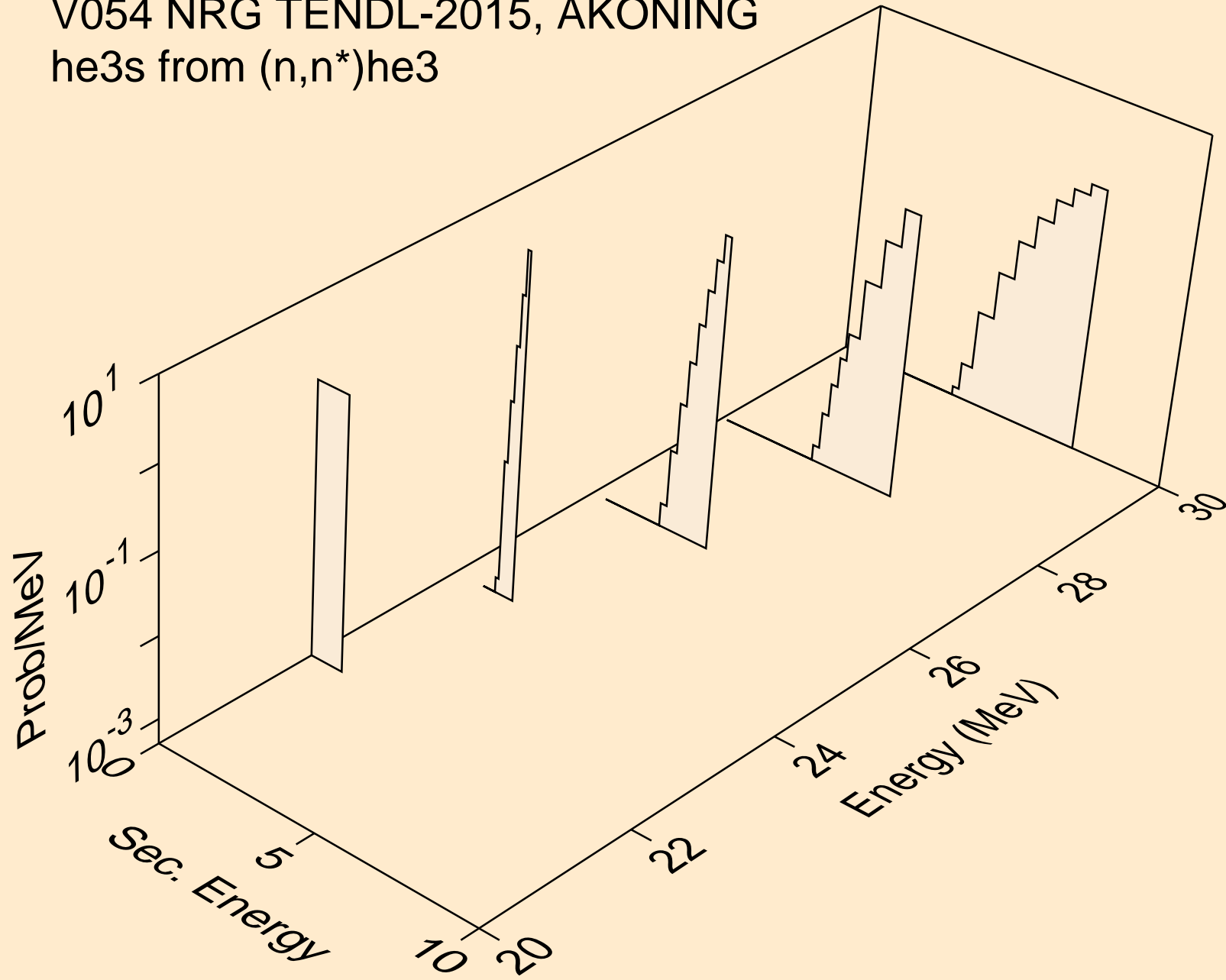




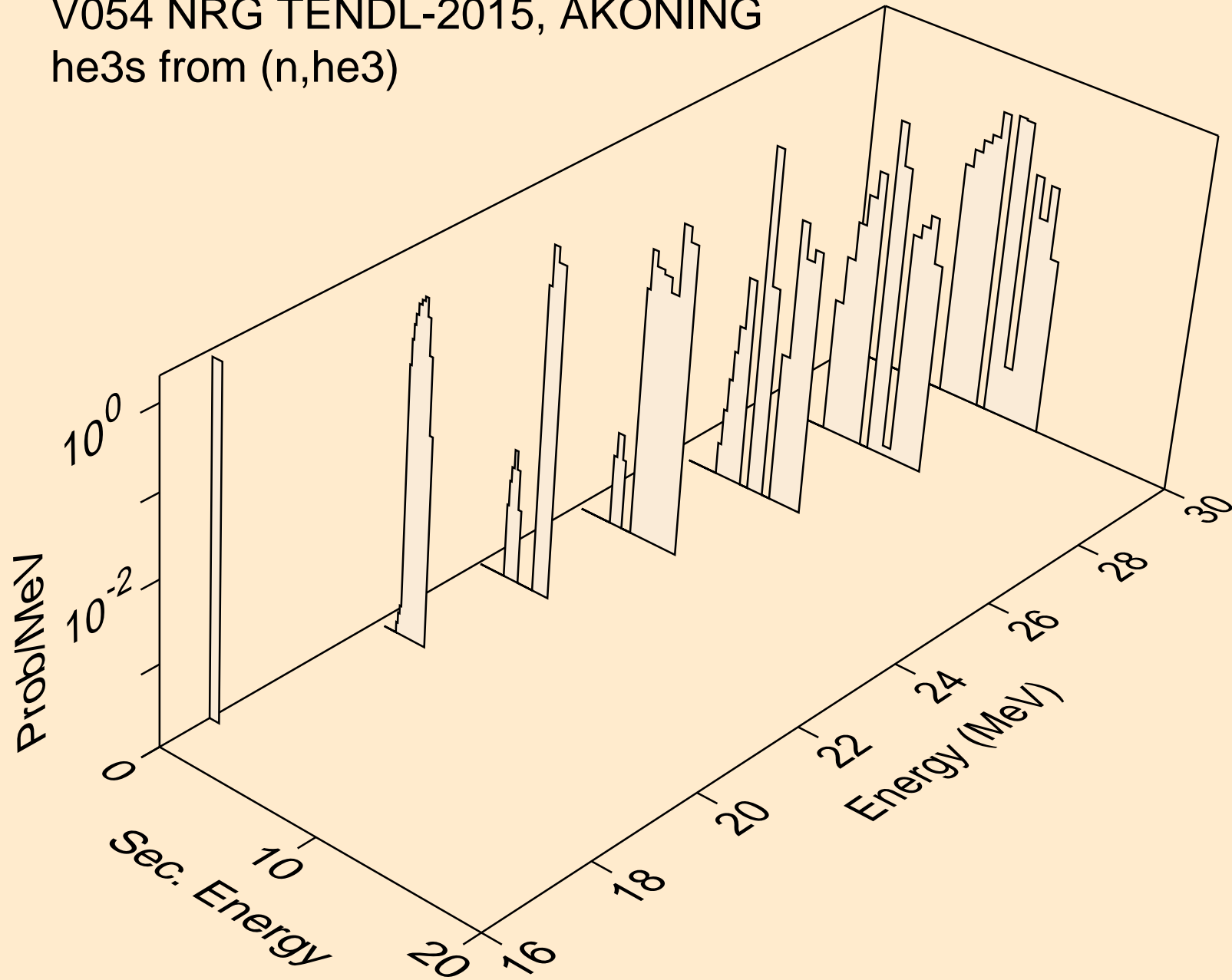
V054 NRG TENDL-2015, AKONING  
he3s from (n,x)



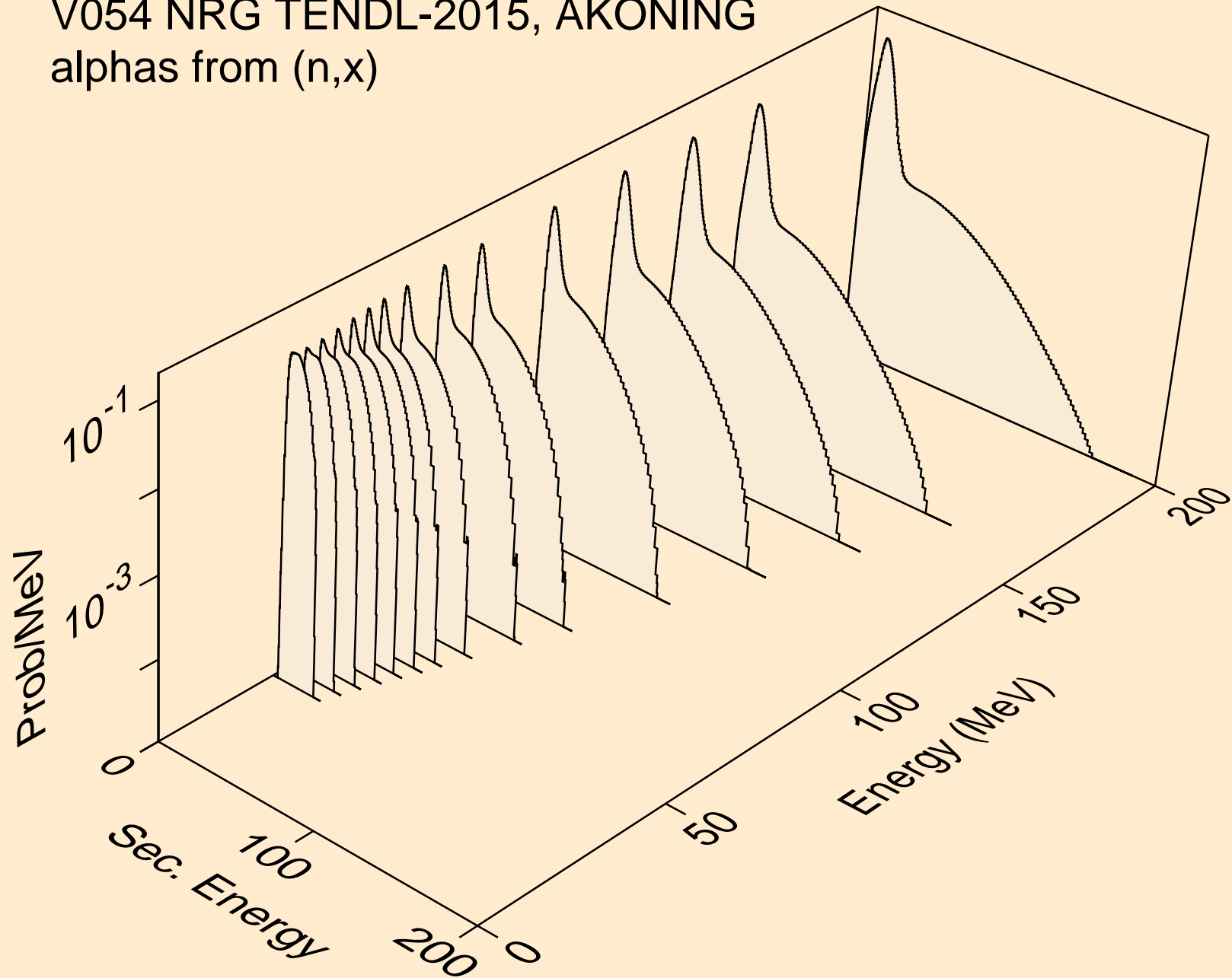
V054 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



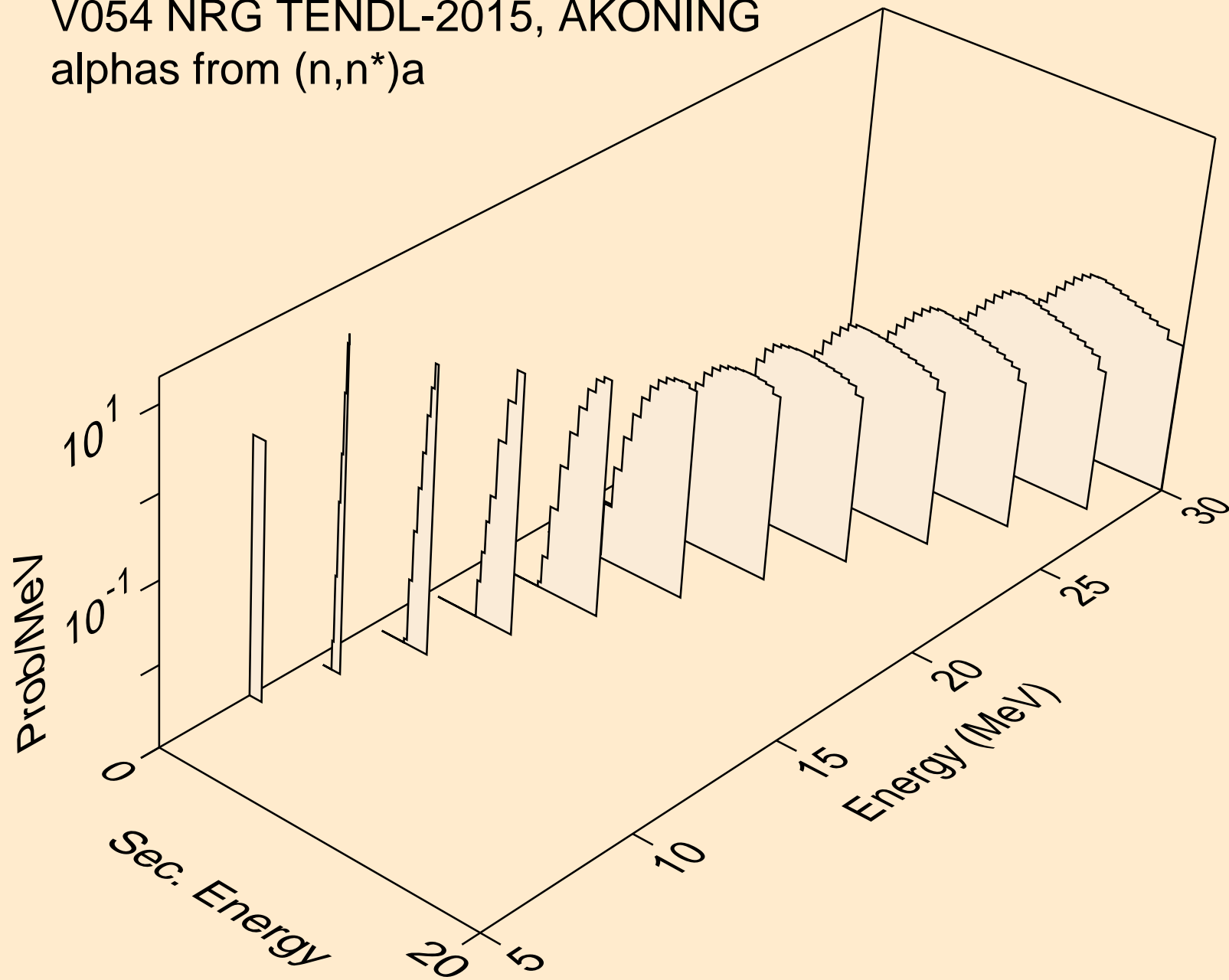
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he3s from (n,he3)



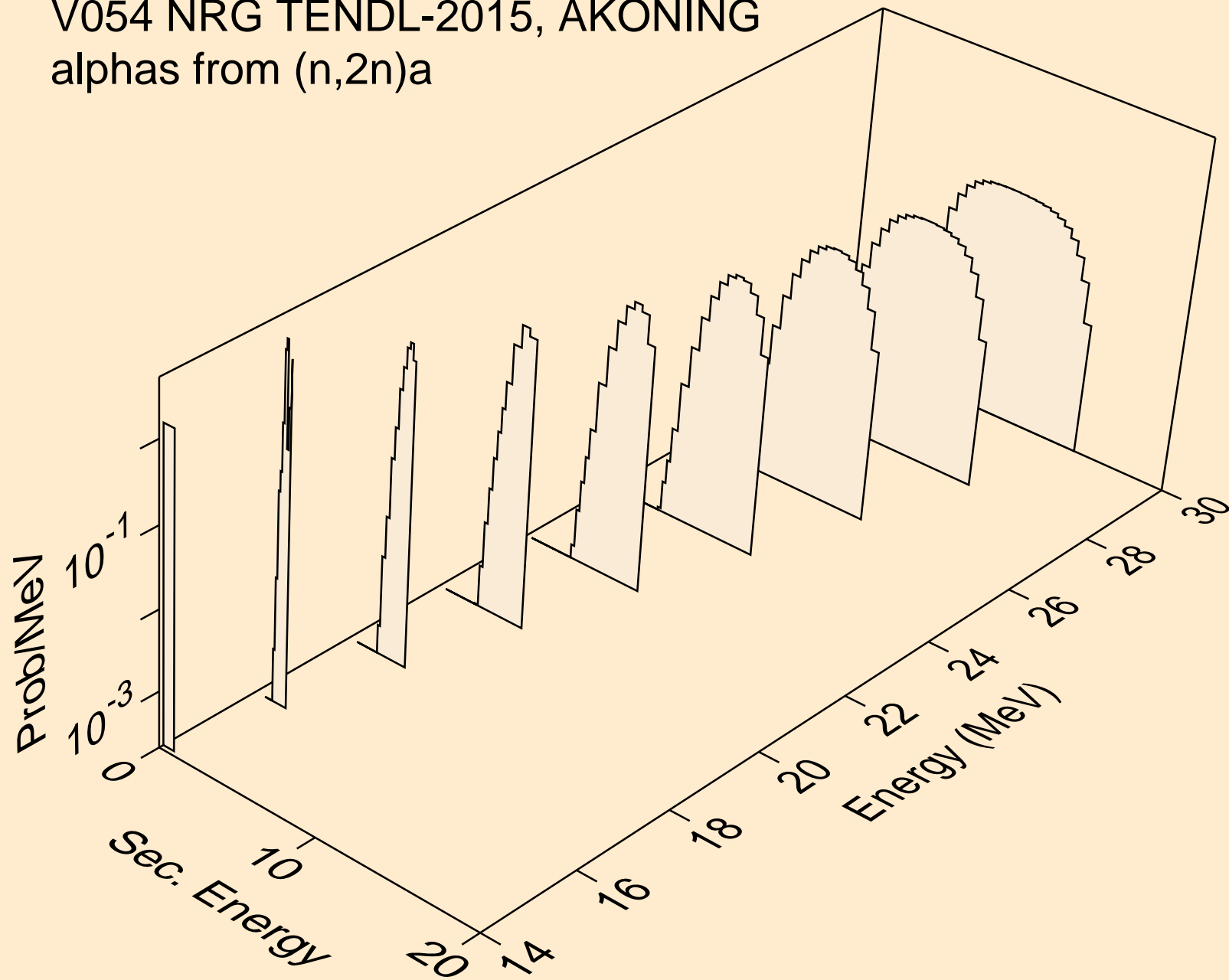
V054 NRG TENDL-2015, AKONING  
alphas from (n,x)



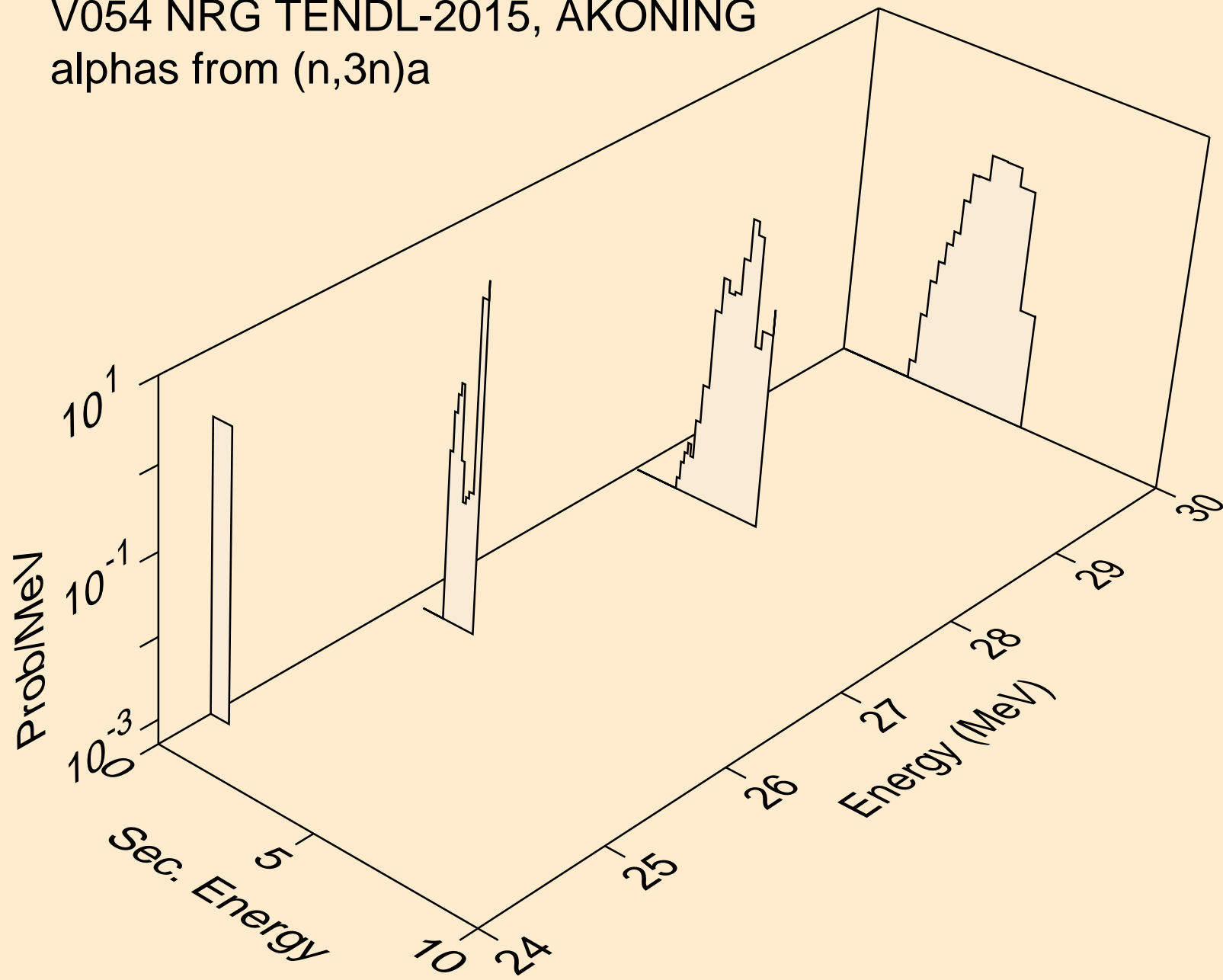
V054 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



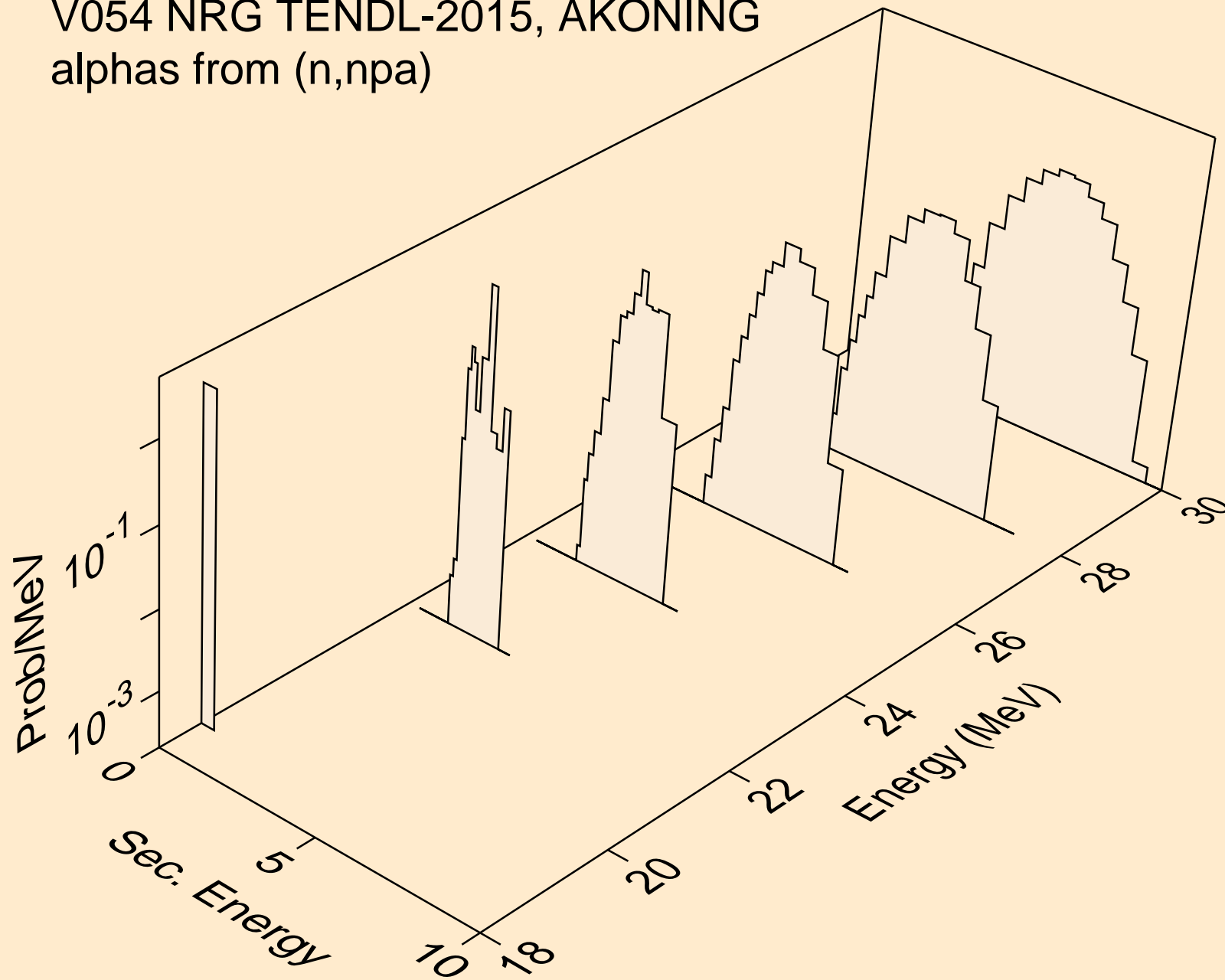
V054 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



V054 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

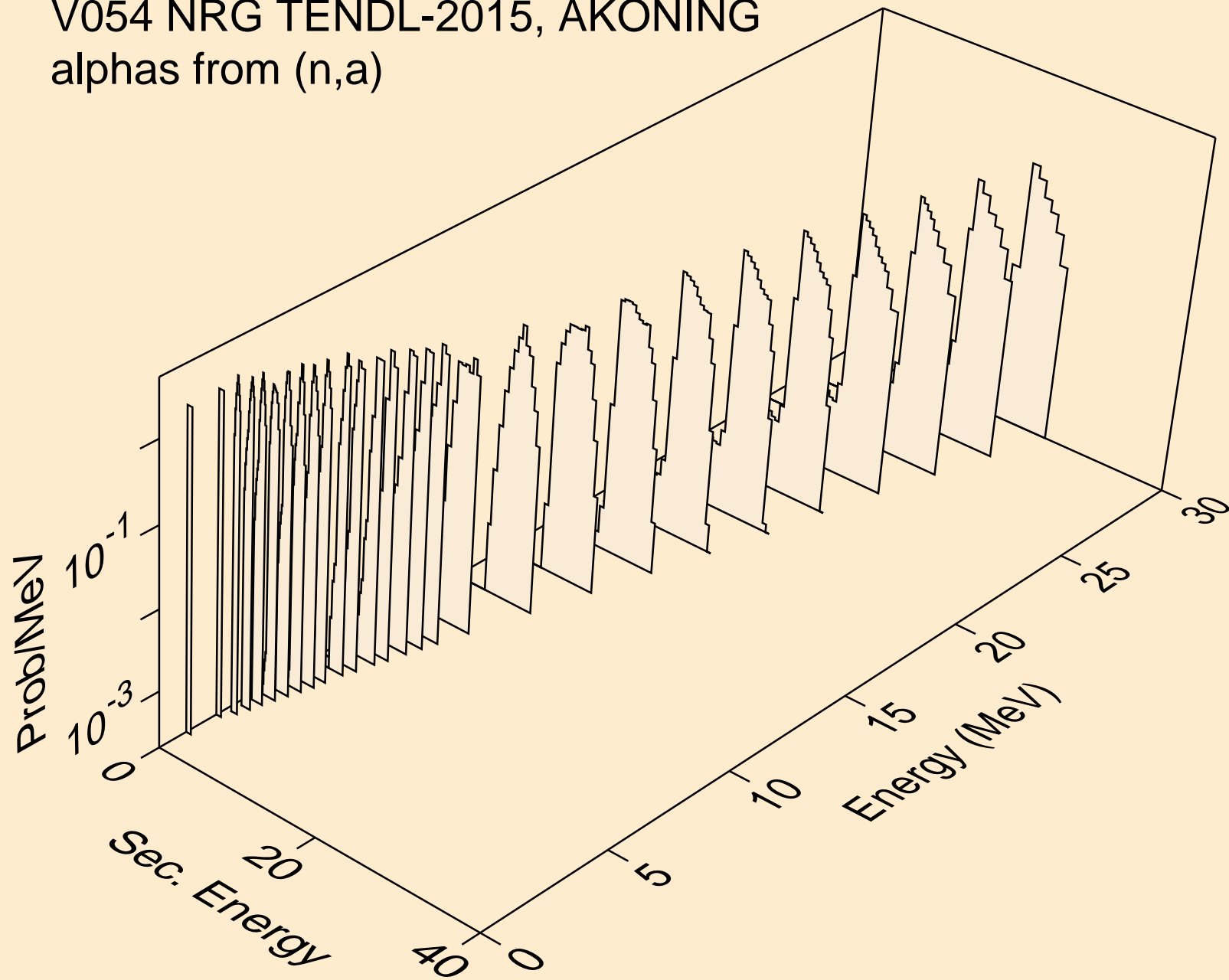


V054 NRG TENDL-2015, AKONING  
alphas from (n,npa)

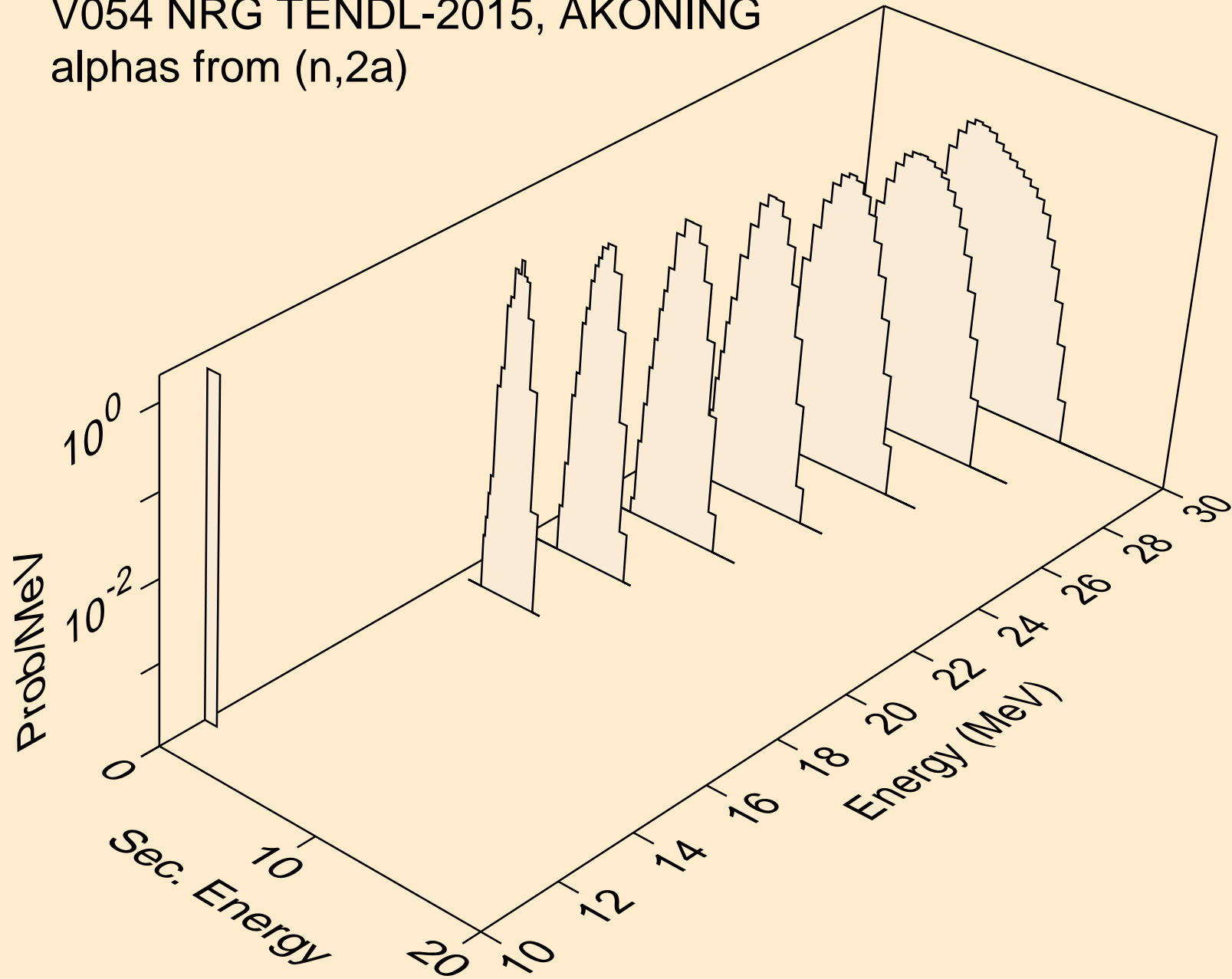




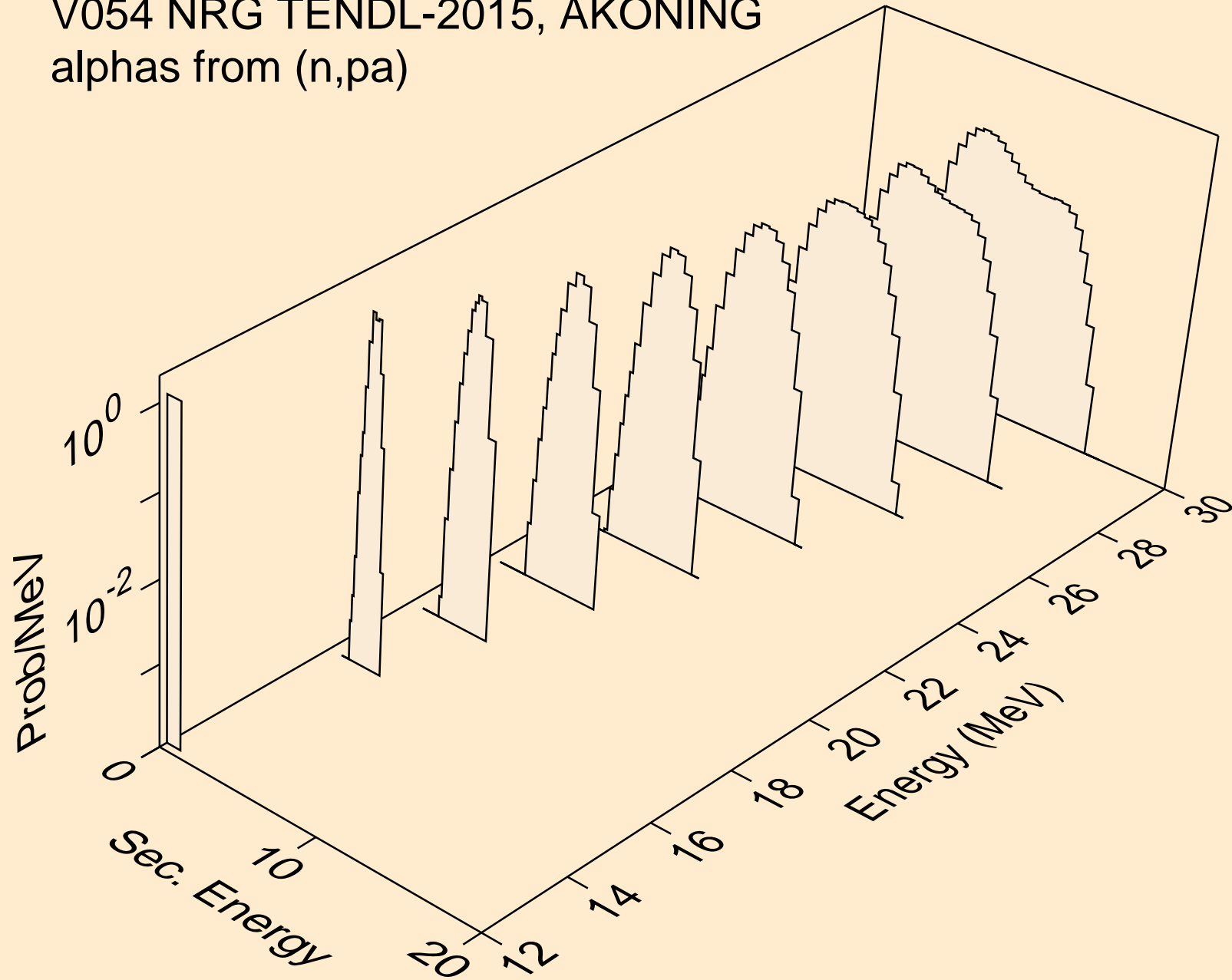
V054 NRG TENDL-2015, AKONING  
alphas from (n,a)



V054 NRG TENDL-2015, AKONING  
alphas from (n,2a)



V054 NRG TENDL-2015, AKONING  
alphas from (n,pa)



V054 NRG TENDL-2015, AKONING  
alphas from (n,da)

