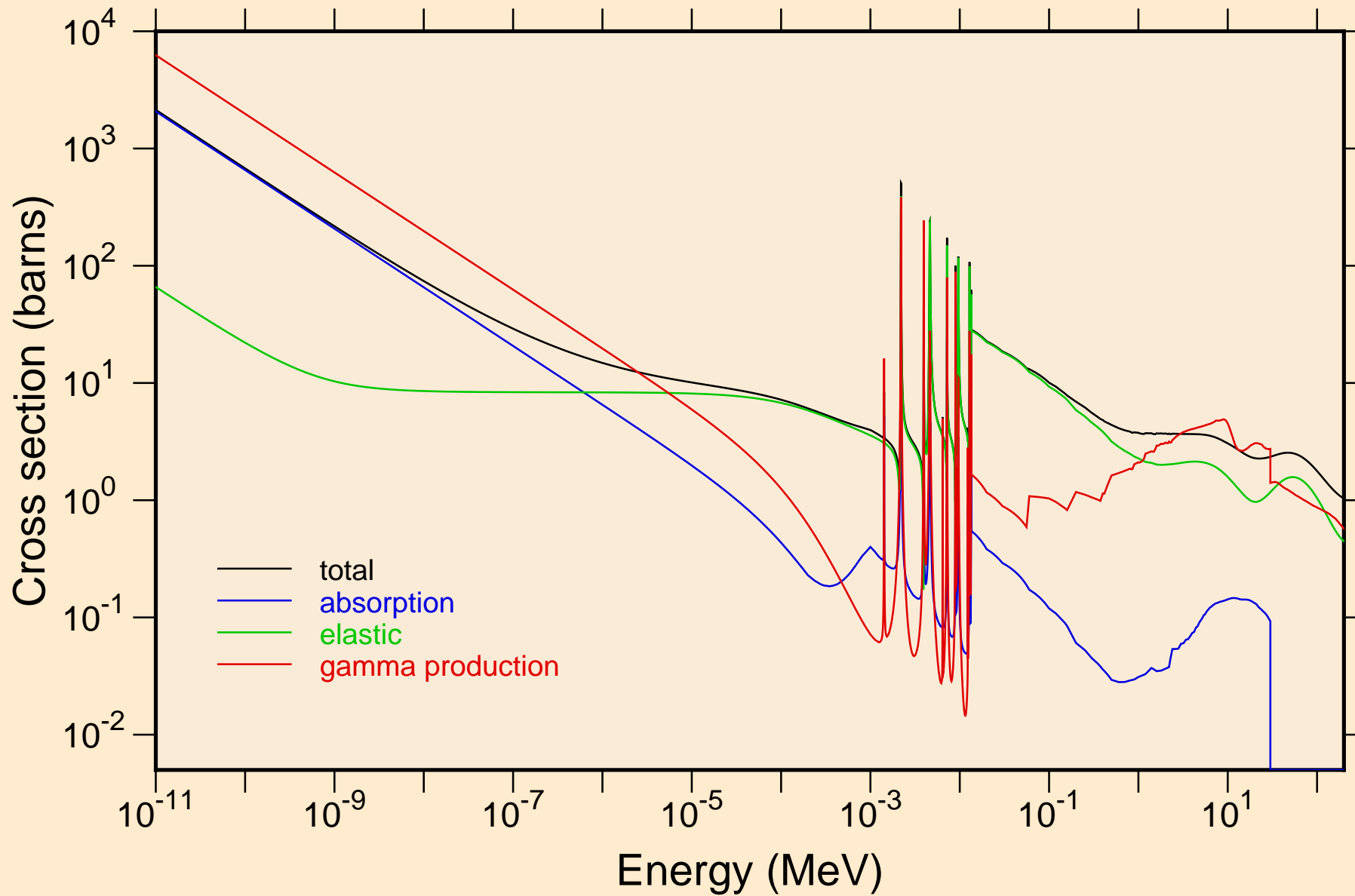
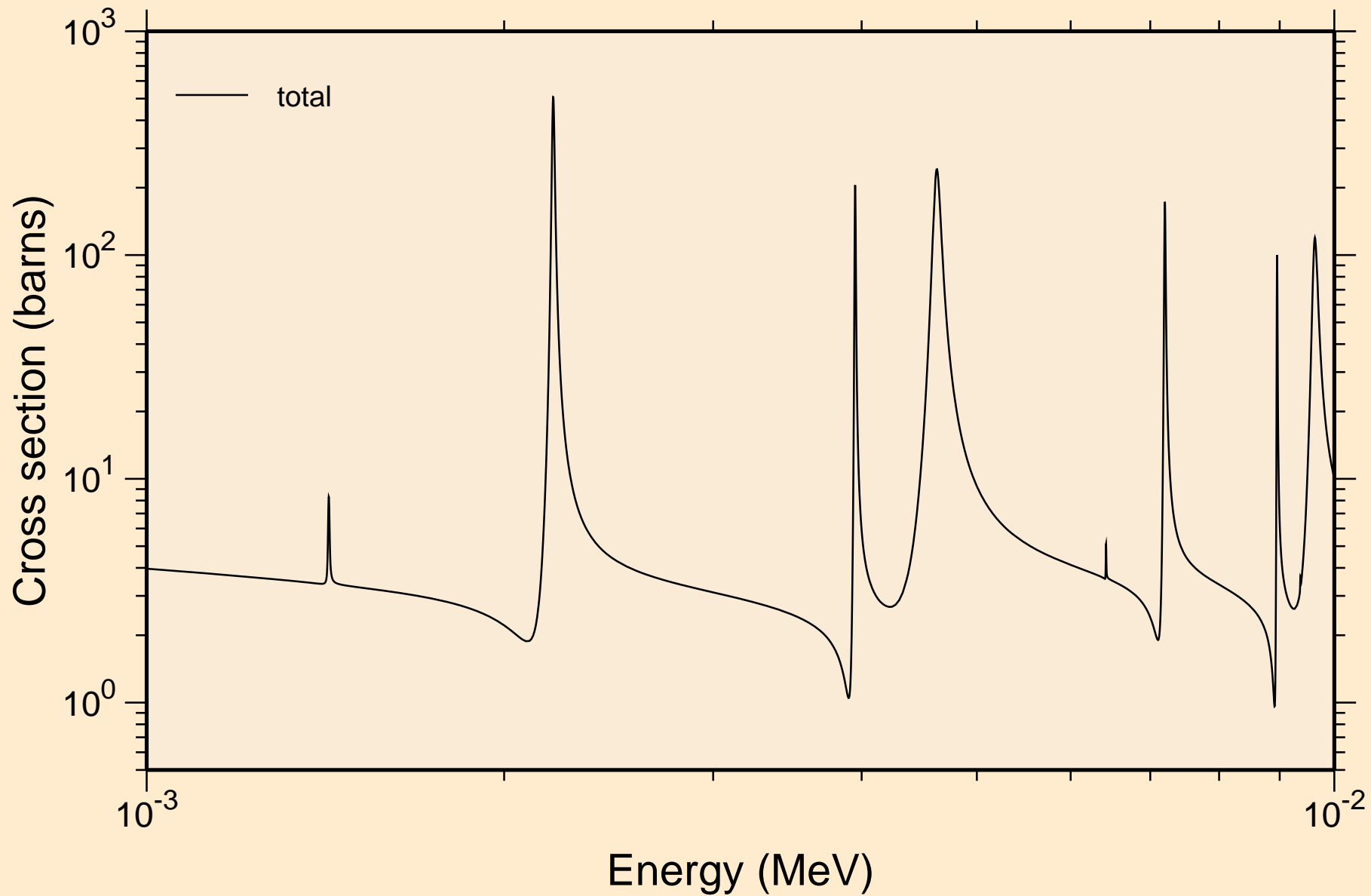


# MN054 NRG TENDL-2015, AKONING

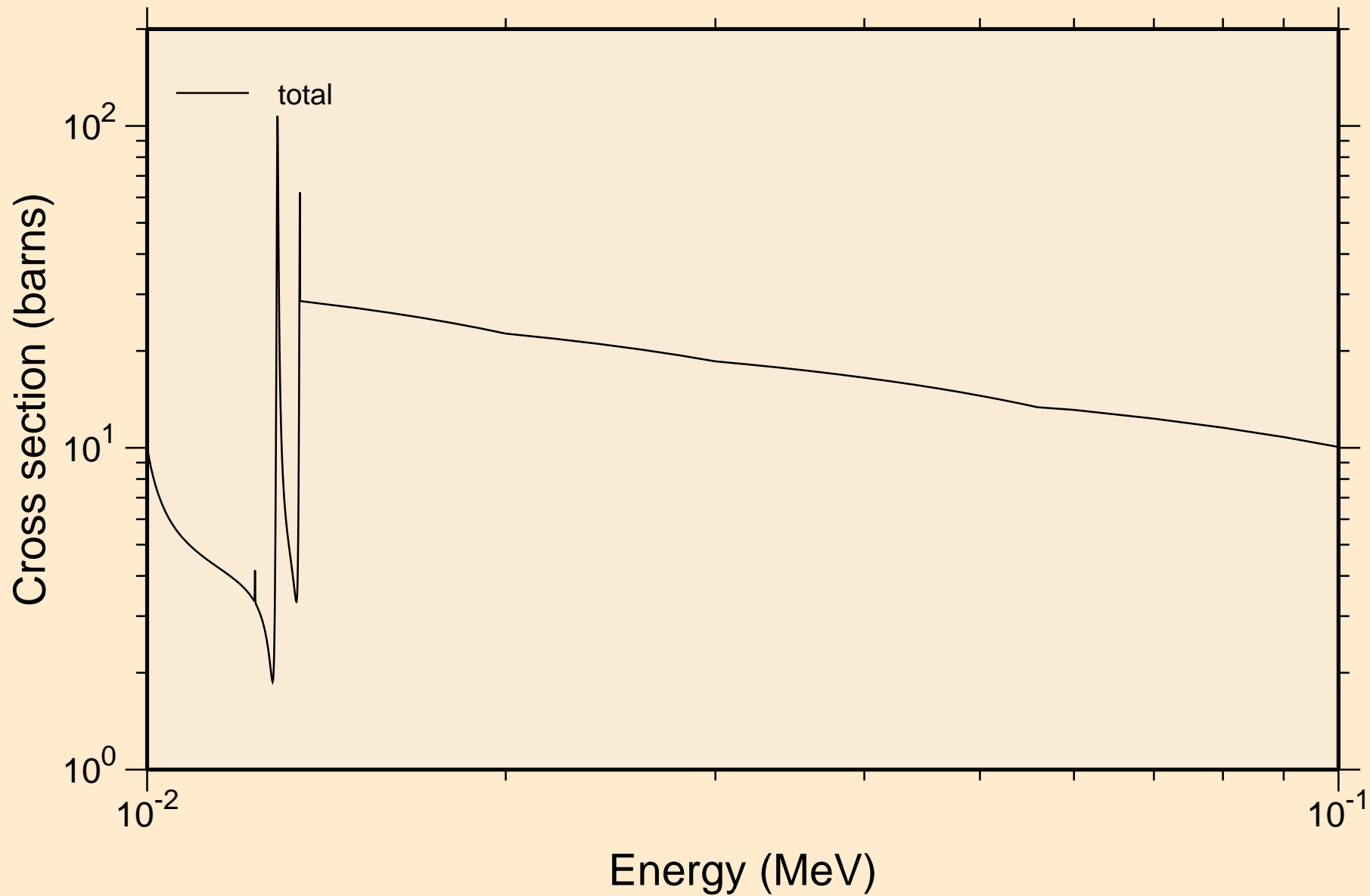
## Principal cross sections



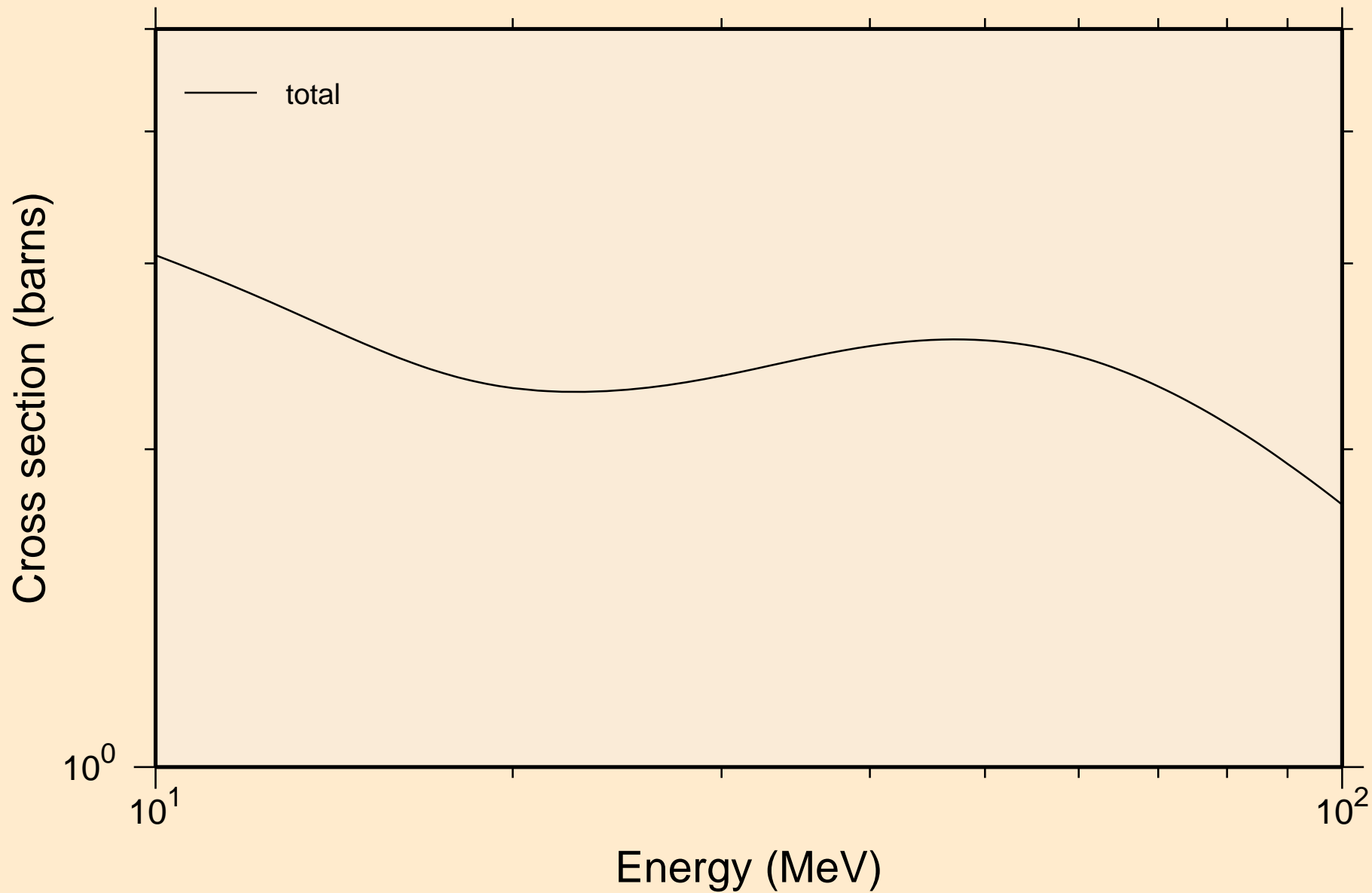
MN054 NRG TENDL-2015, AKONING  
resonance total cross section



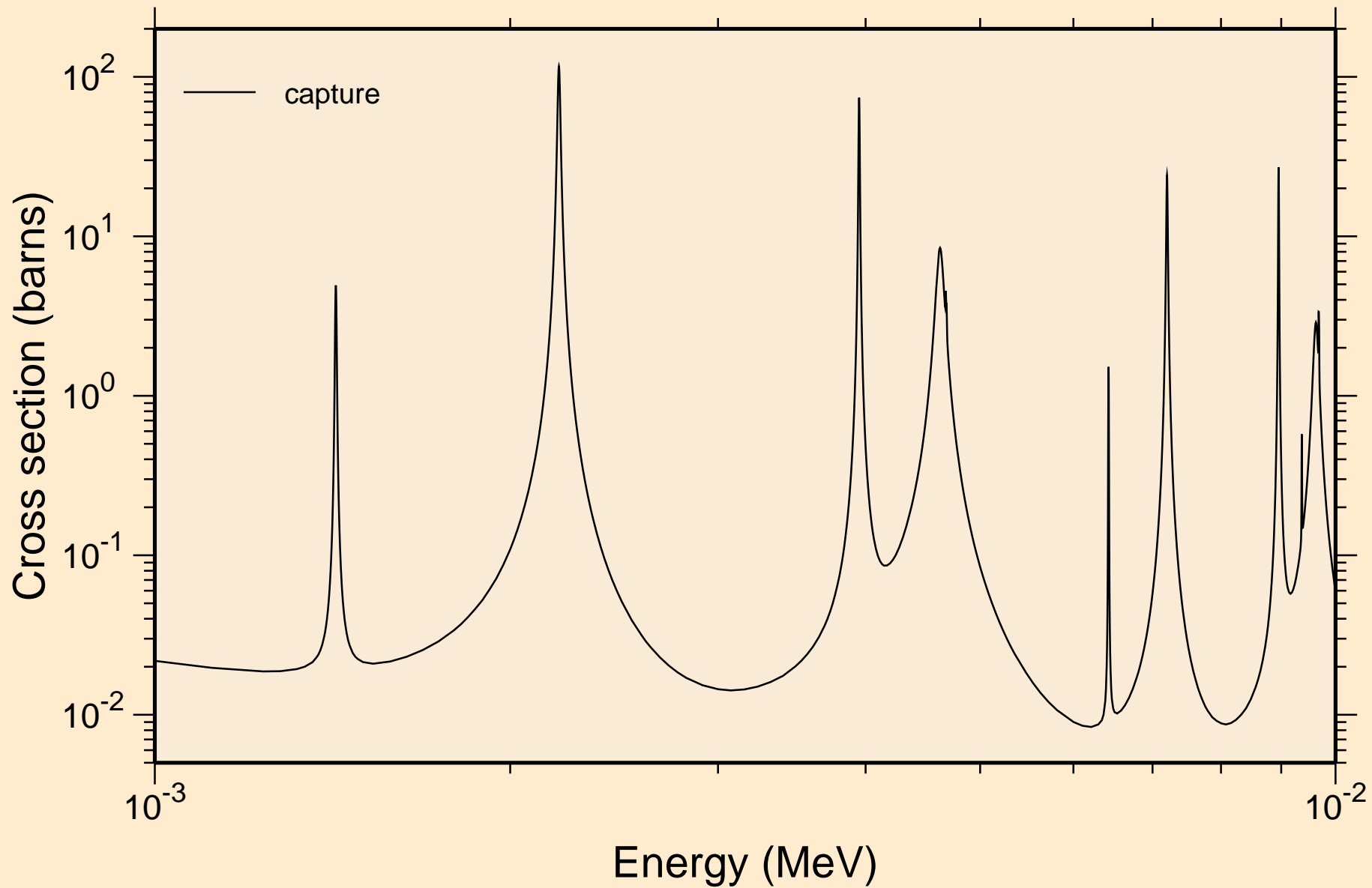
MN054 NRG TENDL-2015, AKONING  
resonance total cross section



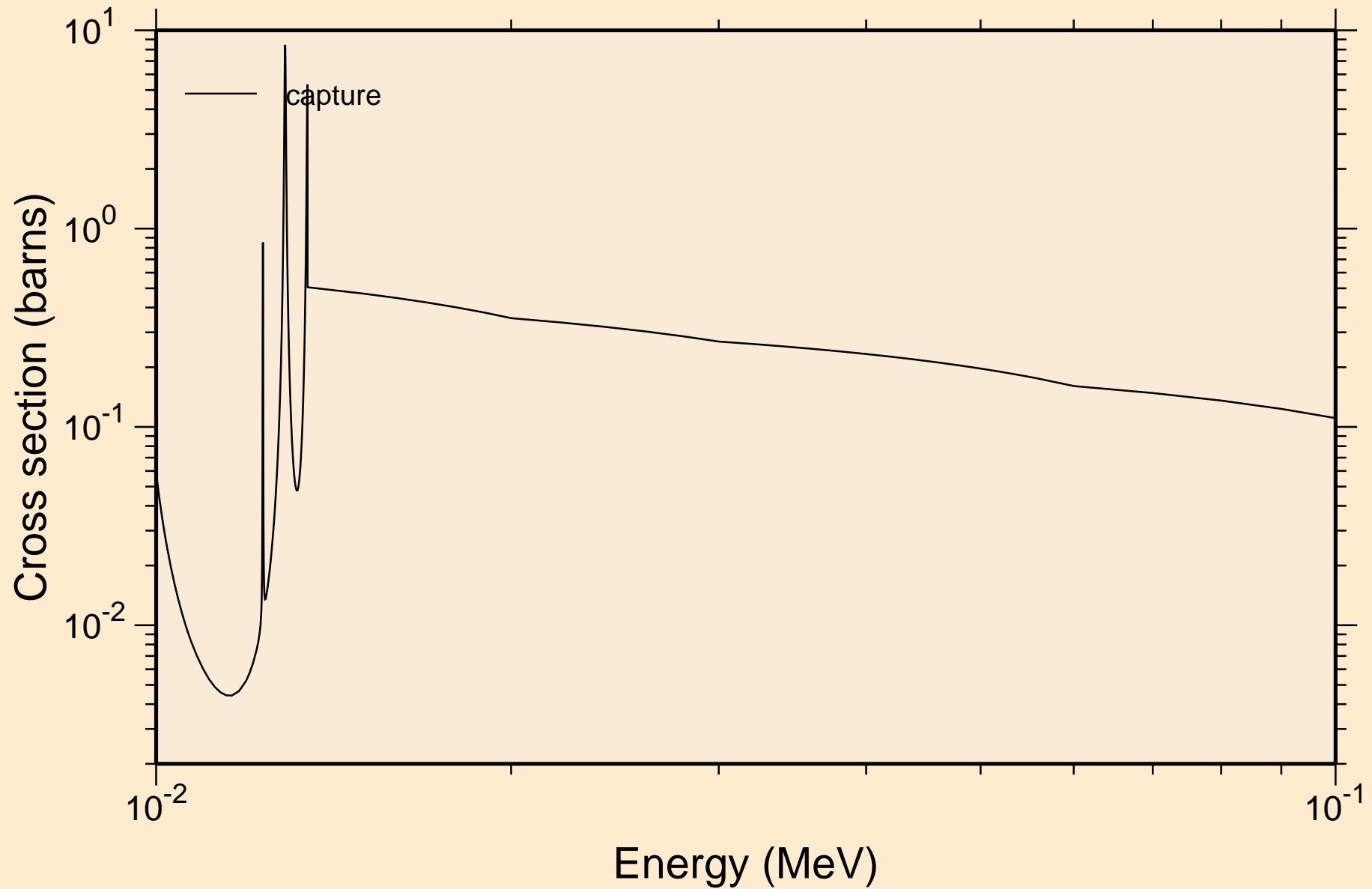
MN054 NRG TENDL-2015, AKONING  
resonance total cross section



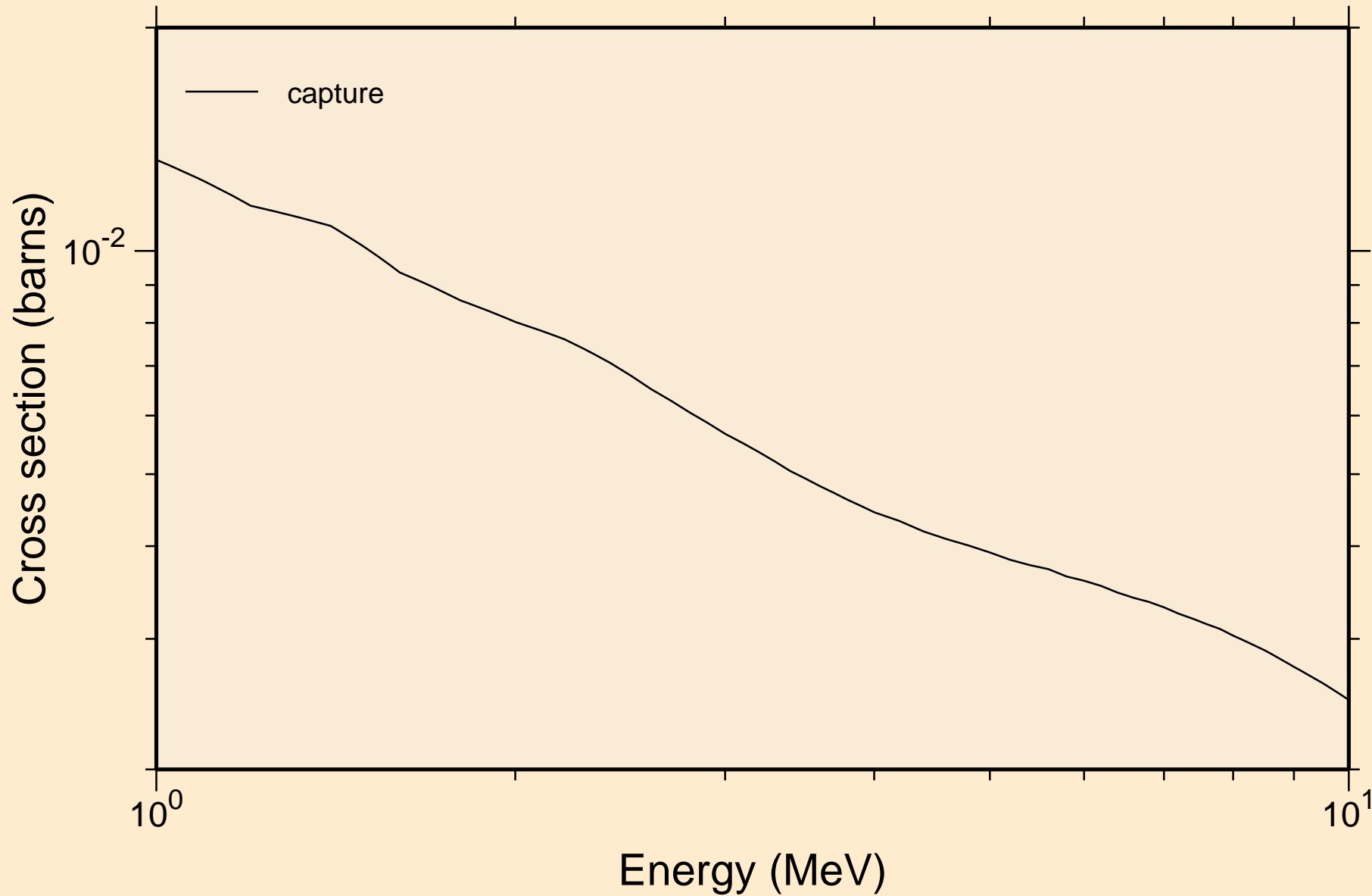
MN054 NRG TENDL-2015, AKONING  
resonance absorption cross sections



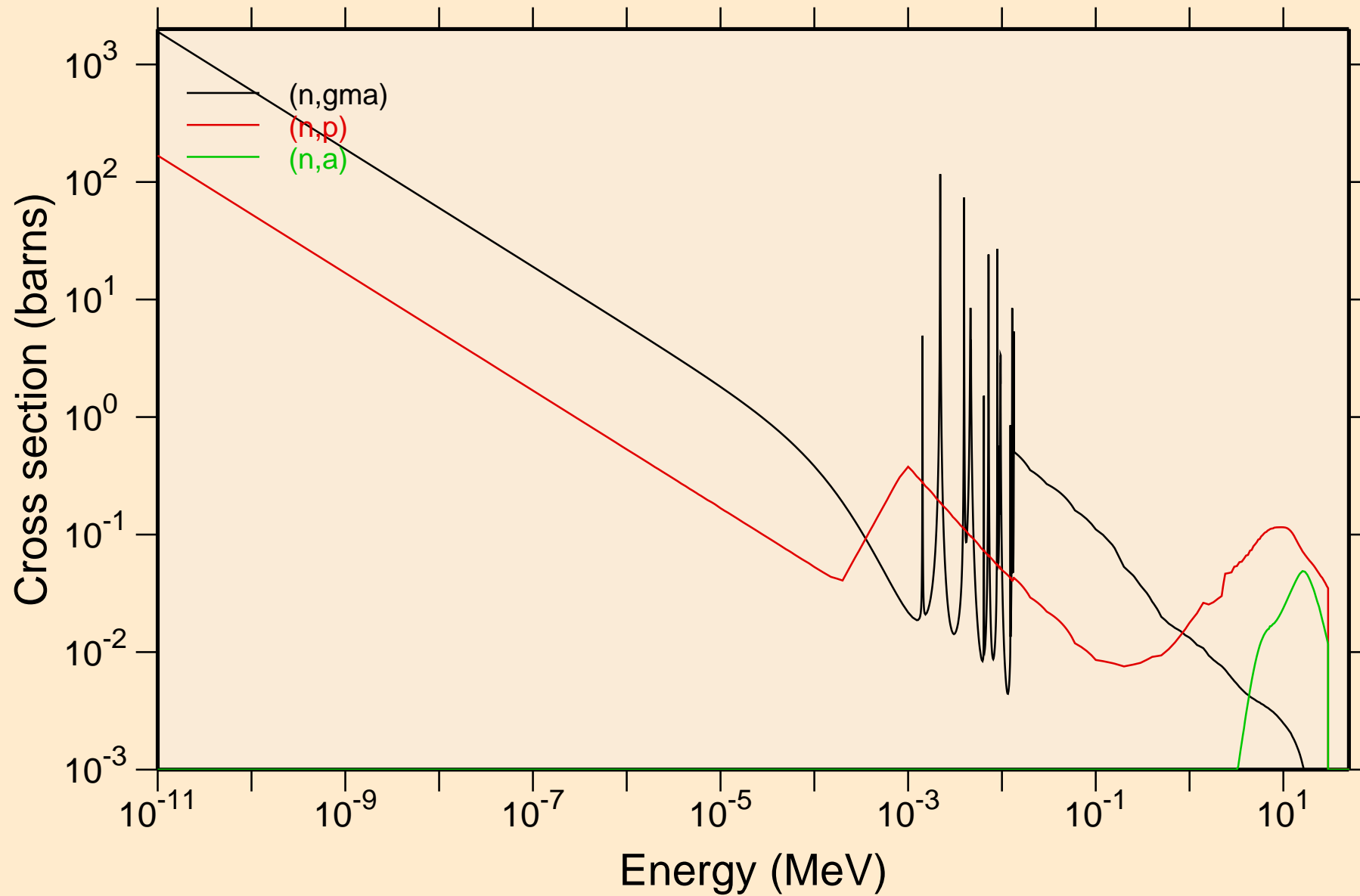
MN054 NRG TENDL-2015, AKONING  
resonance absorption cross sections



MN054 NRG TENDL-2015, AKONING  
resonance absorption cross sections



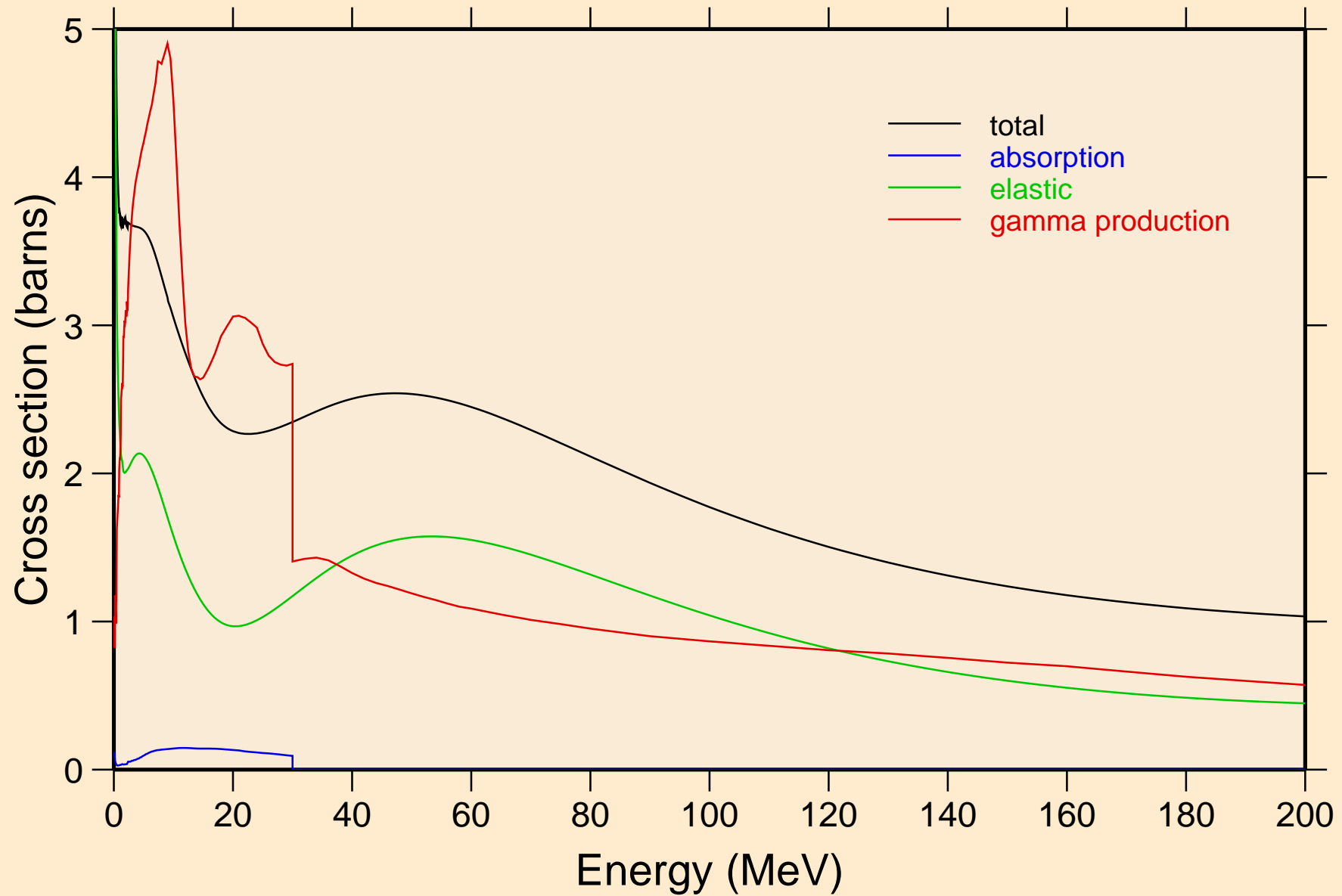
MN054 NRG TENDL-2015, AKONING  
Non-threshold reactions





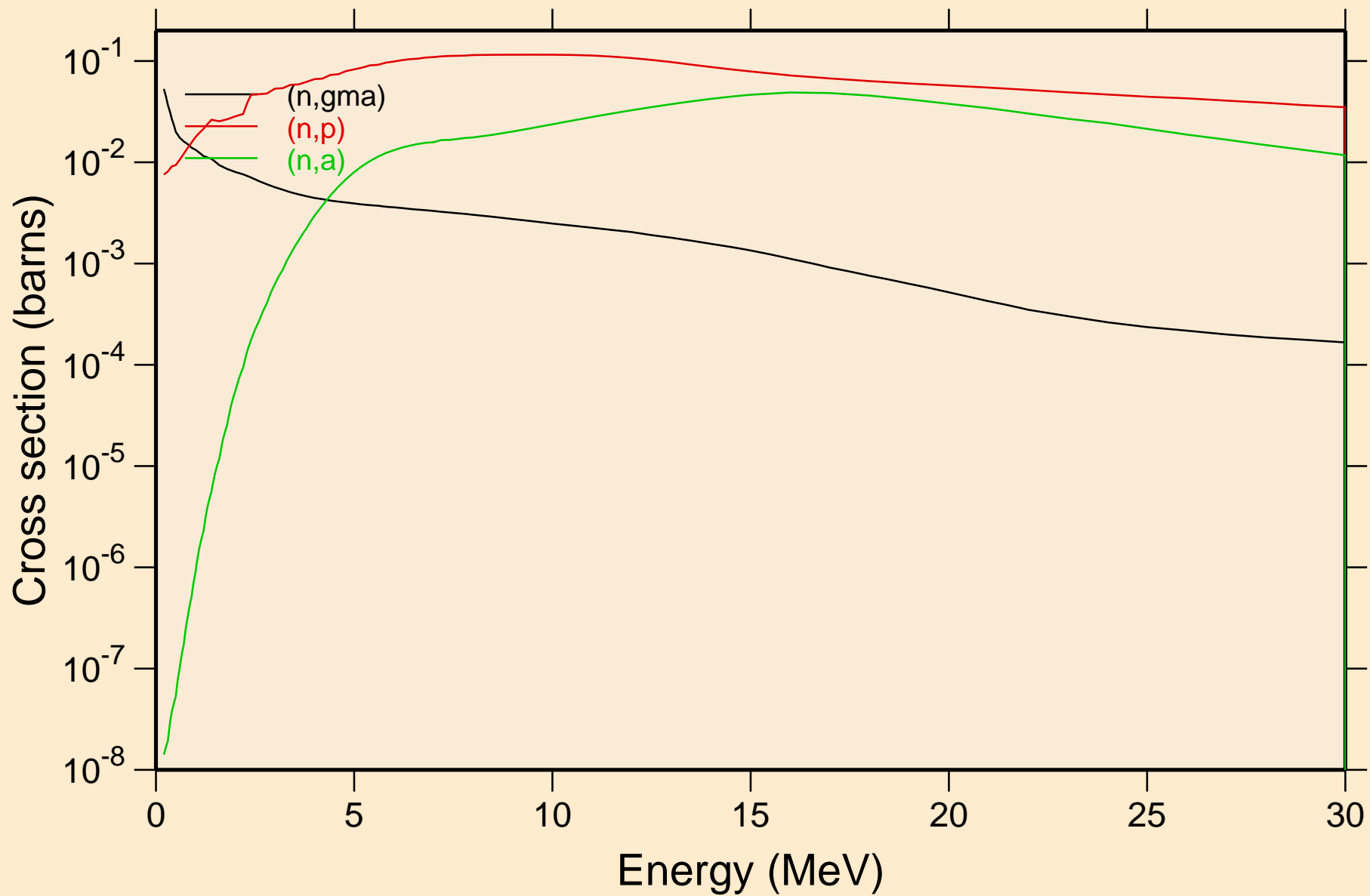
# MN054 NRG TENDL-2015, AKONING

## Principal cross sections

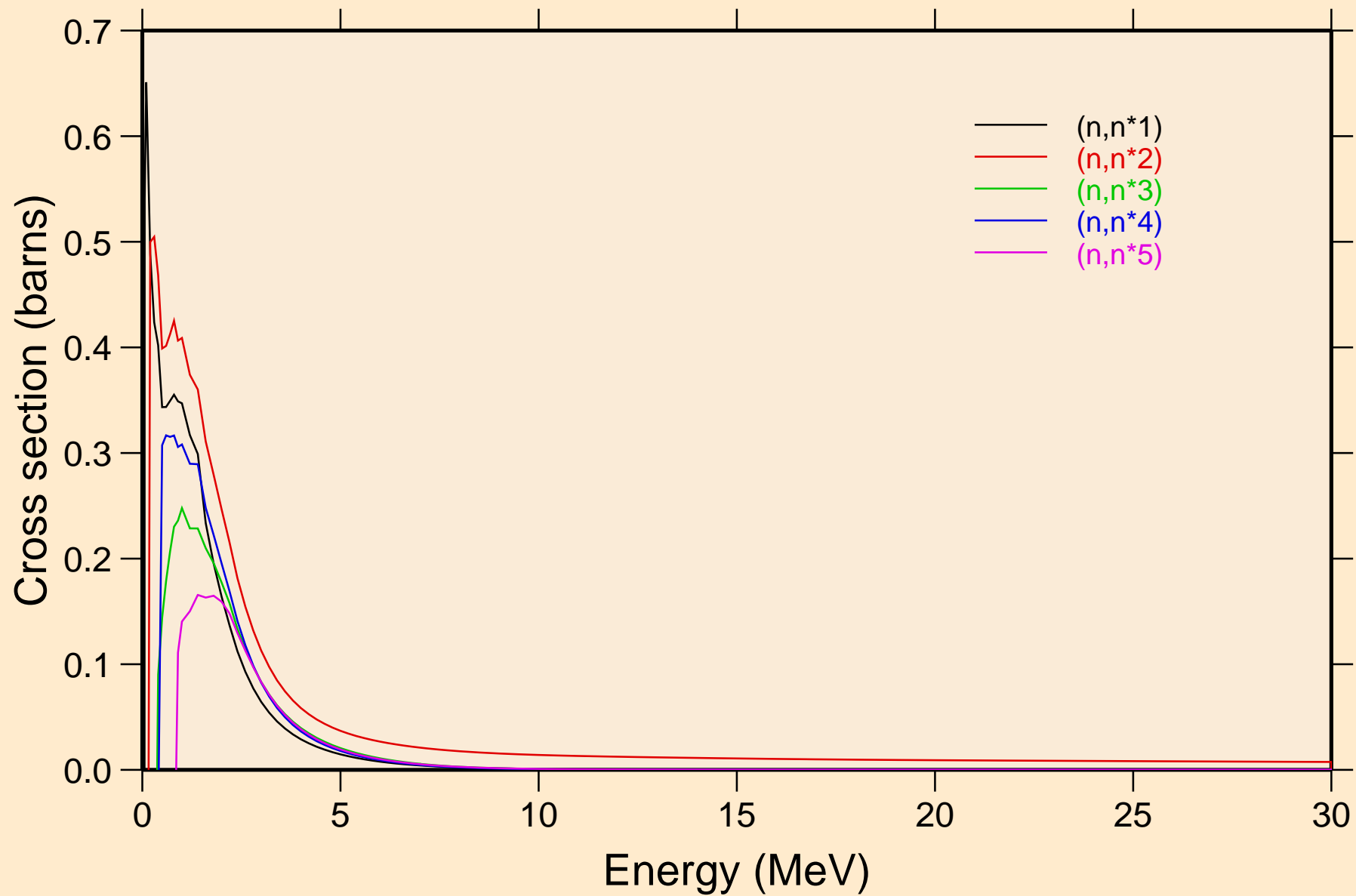


# MN054 NRG TENDL-2015, AKONING

## Non-threshold reactions

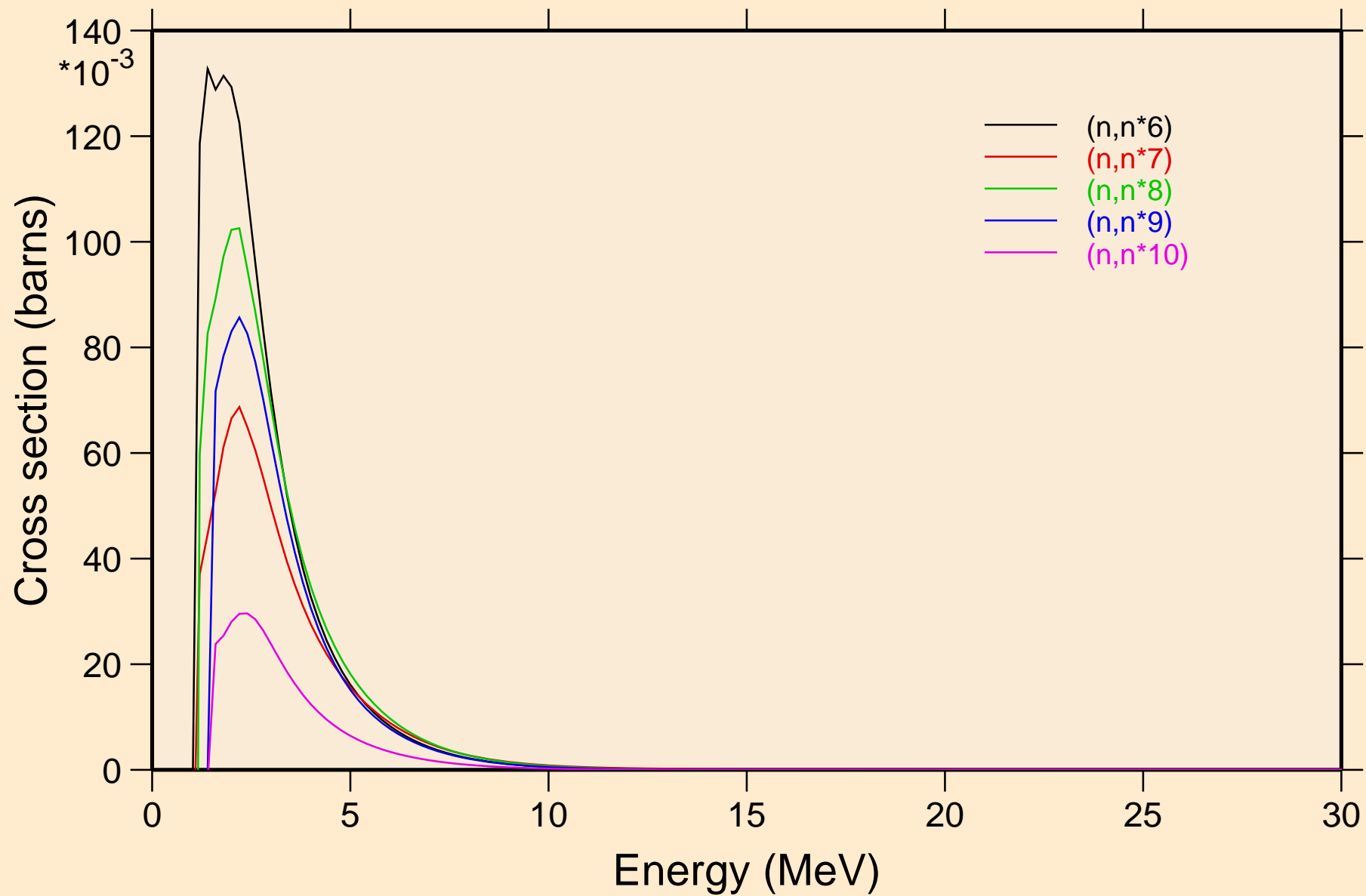


MN054 NRG TENDL-2015, AKONING  
Inelastic levels



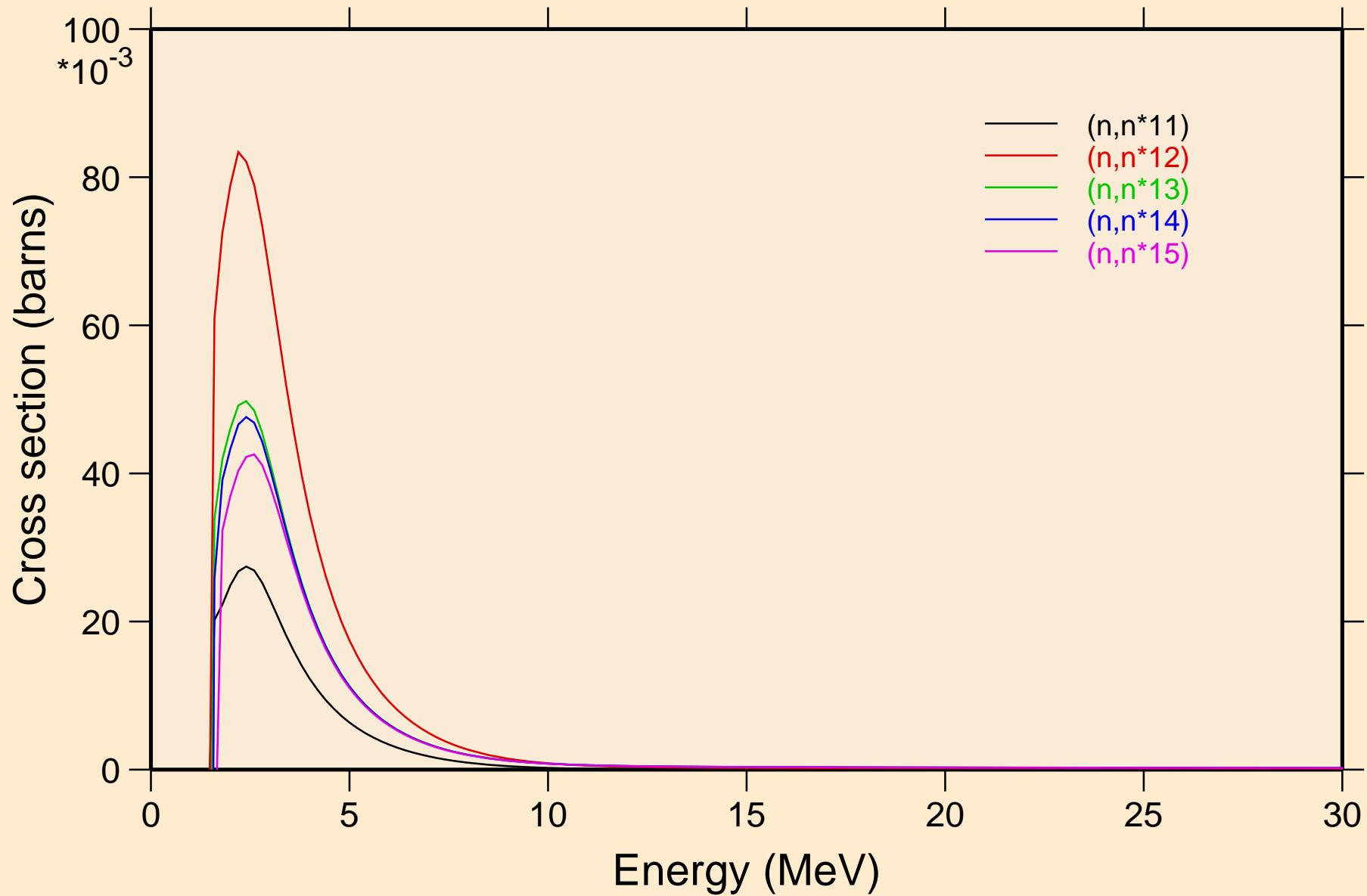
# MN054 NRG TENDL-2015, AKONING

## Inelastic levels



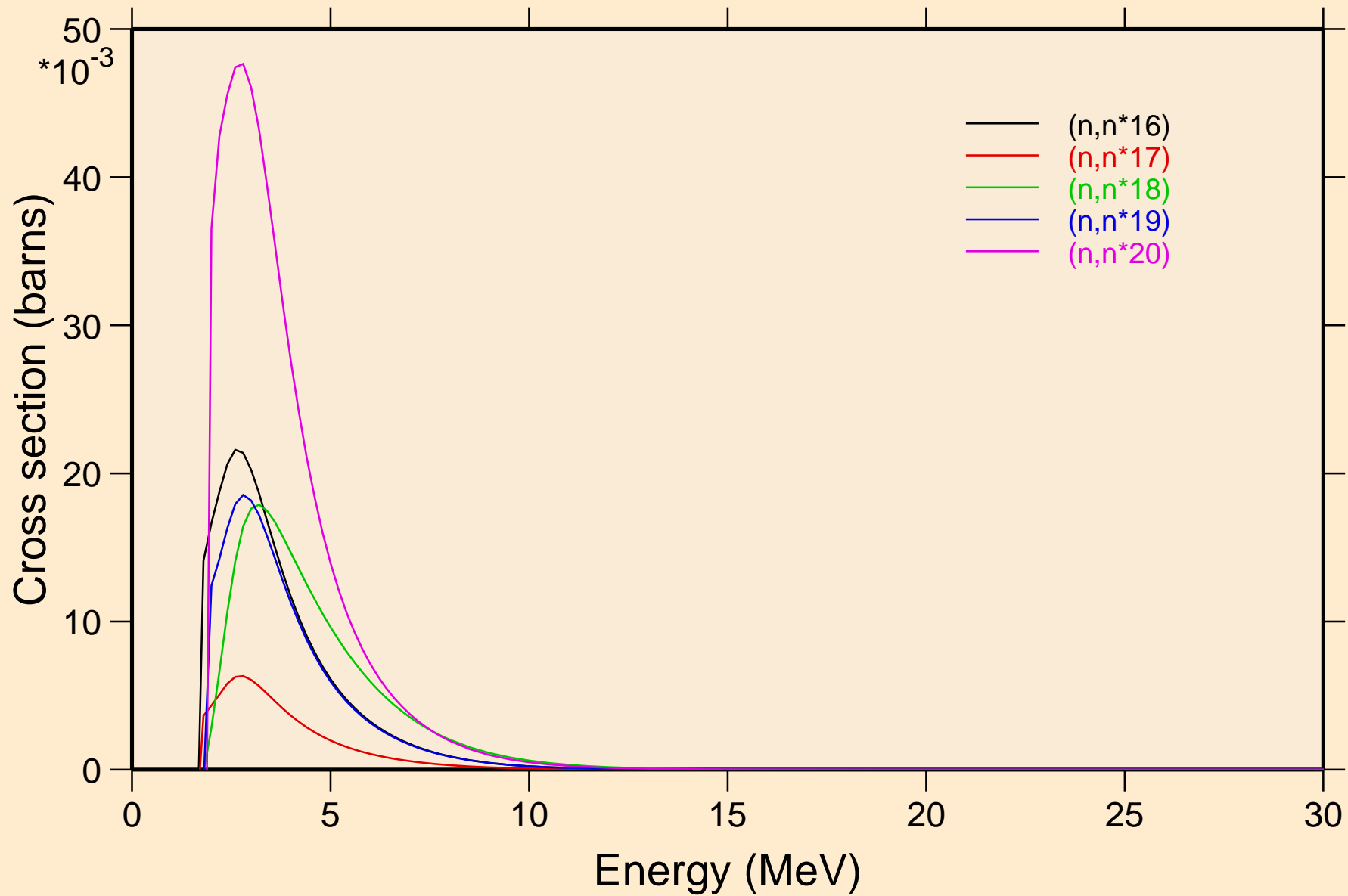
# MN054 NRG TENDL-2015, AKONING

## Inelastic levels



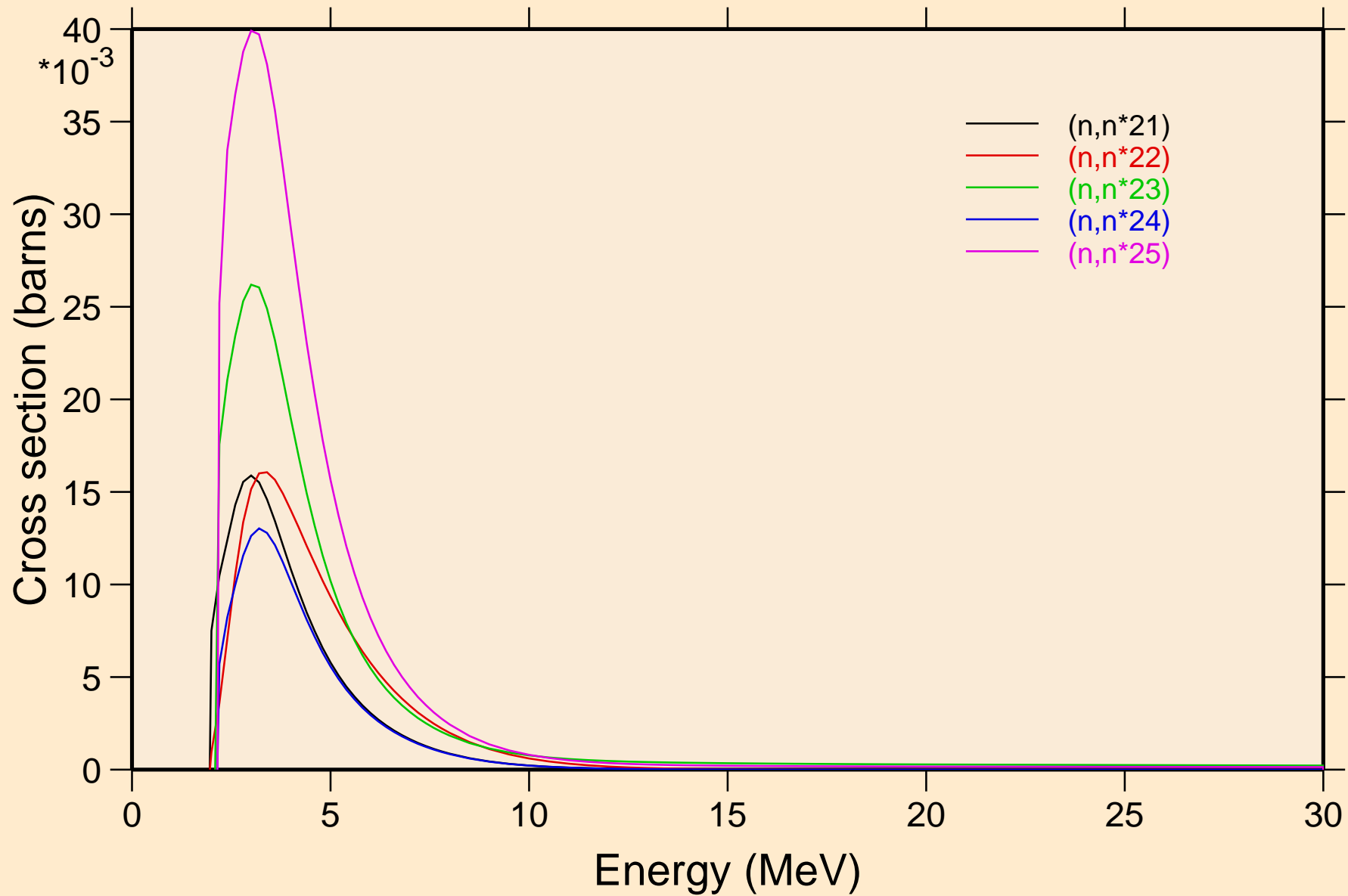
# MN054 NRG TENDL-2015, AKONING

## Inelastic levels

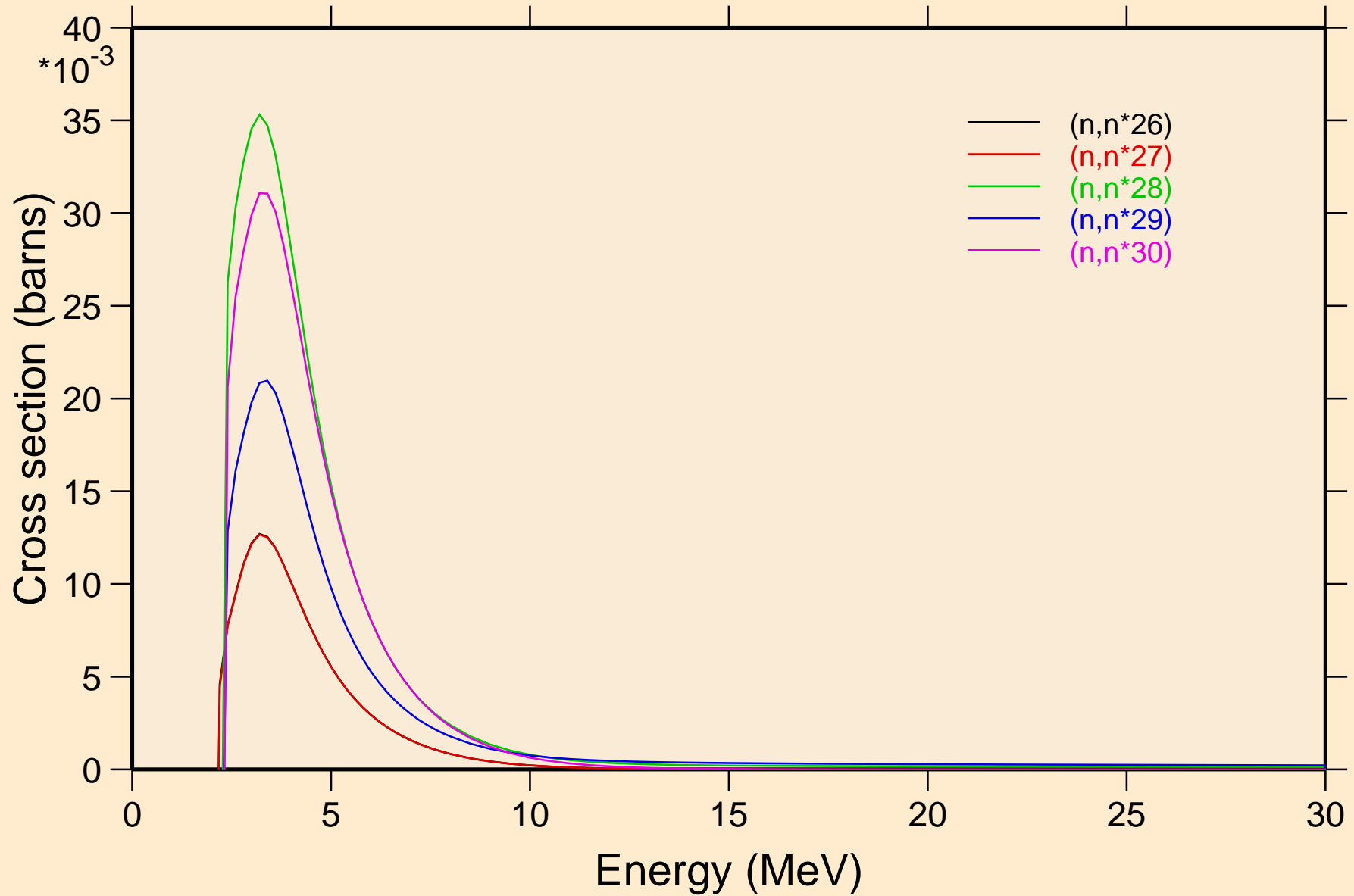


# MN054 NRG TENDL-2015, AKONING

## Inelastic levels



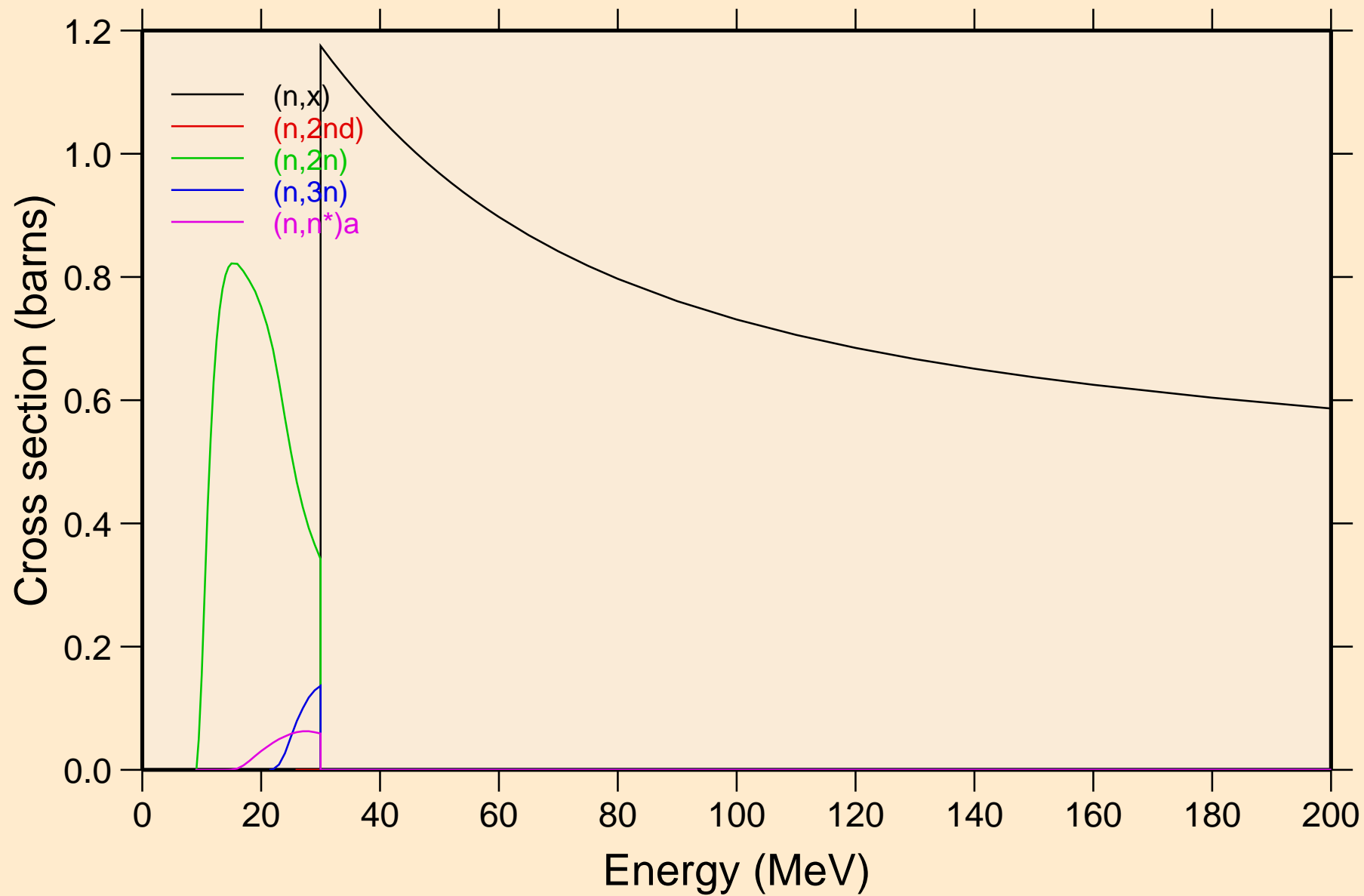
MN054 NRG TENDL-2015, AKONING  
Inelastic levels





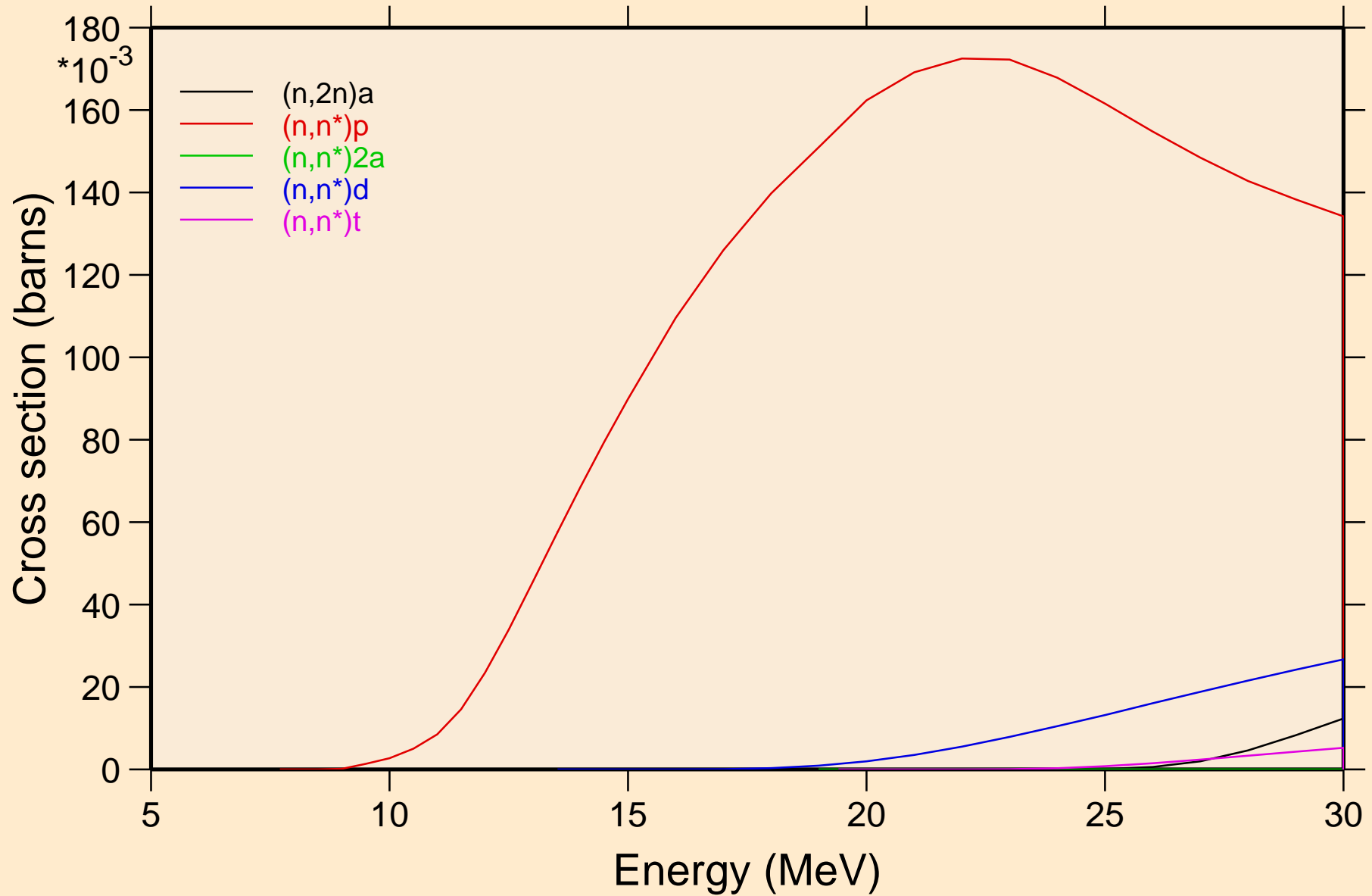
# MN054 NRG TENDL-2015, AKONING

## Threshold reactions



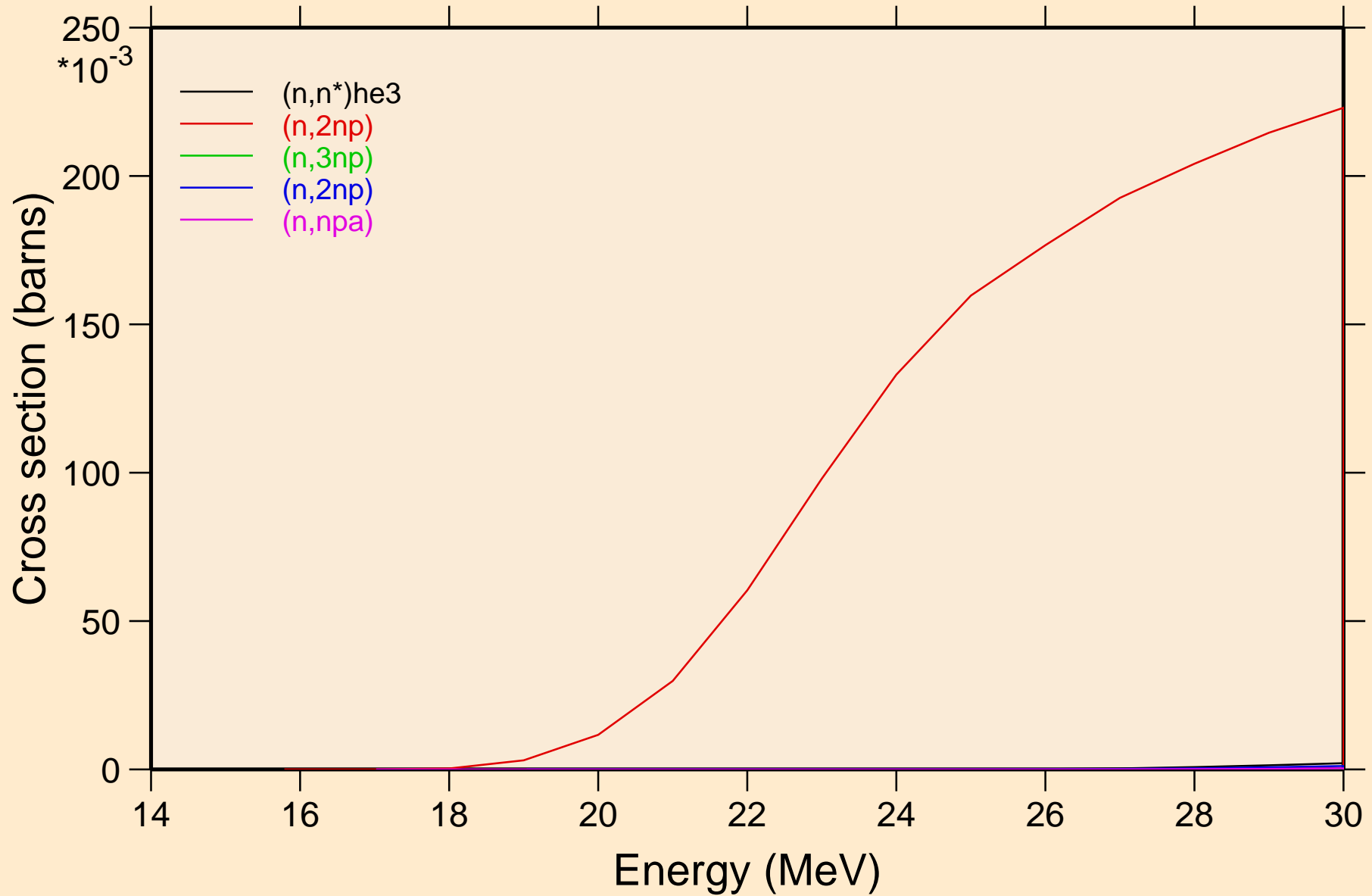
# MN054 NRG TENDL-2015, AKONING

## Threshold reactions



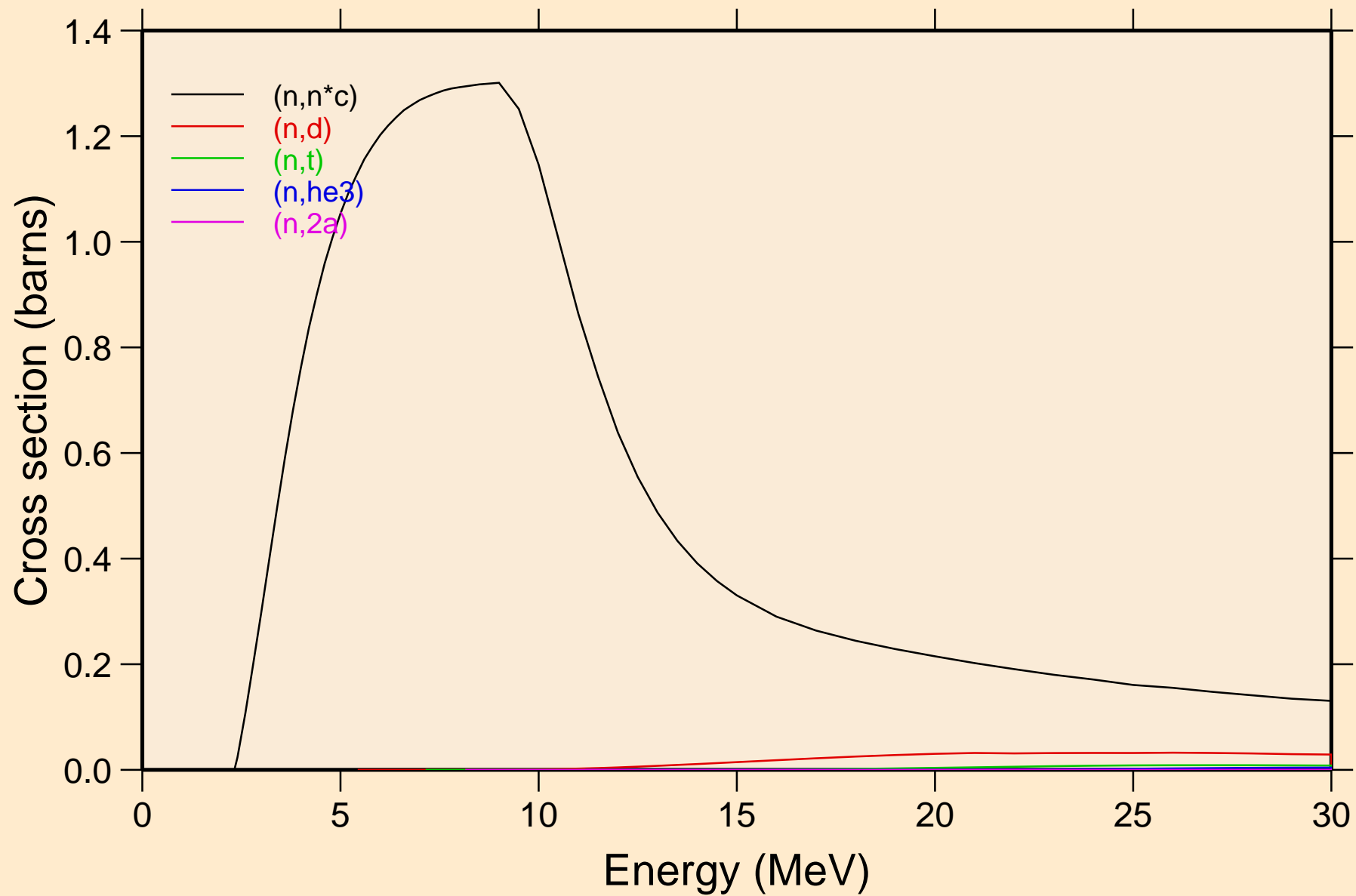
# MN054 NRG TENDL-2015, AKONING

## Threshold reactions



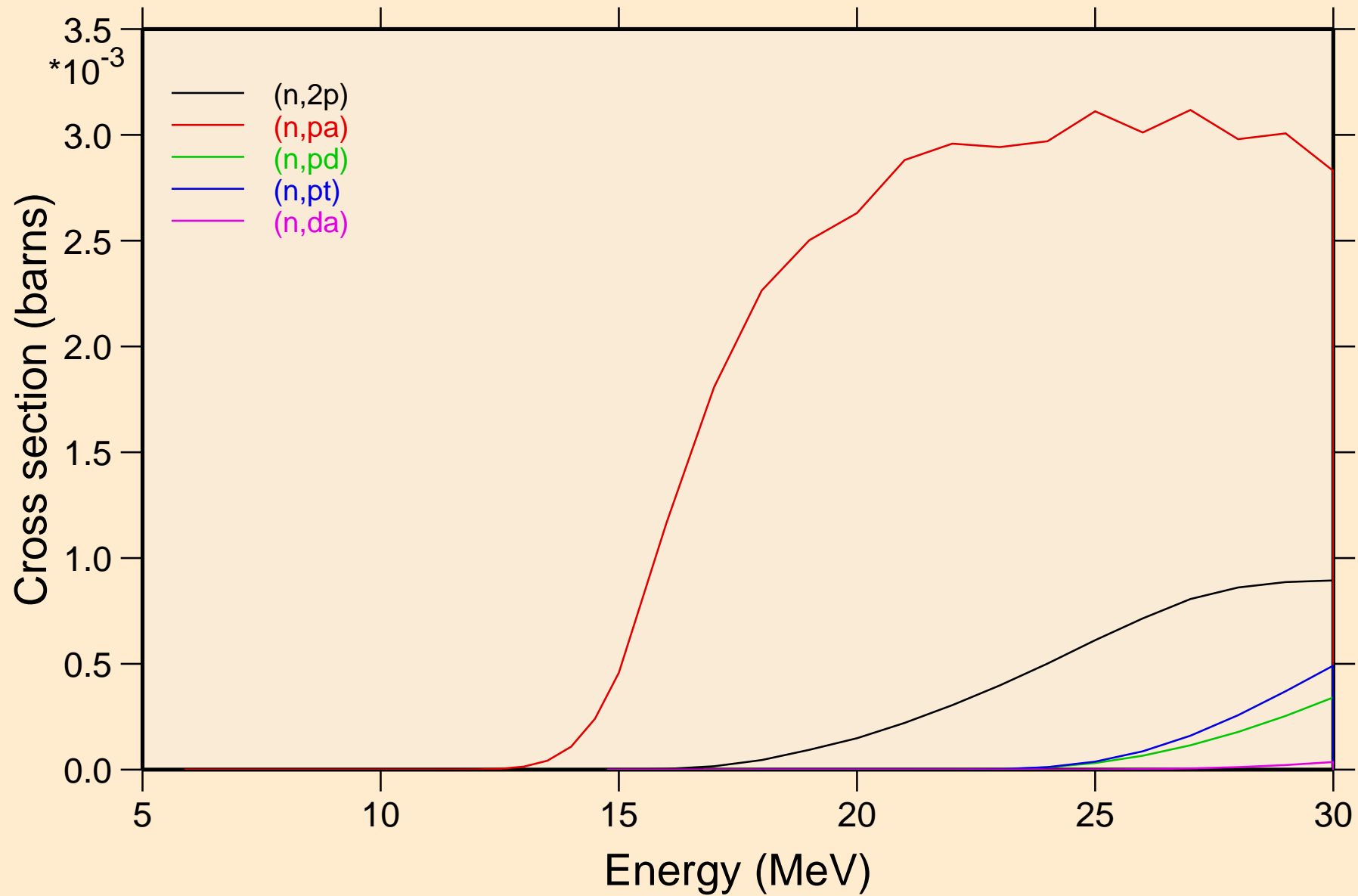
# MN054 NRG TENDL-2015, AKONING

## Threshold reactions

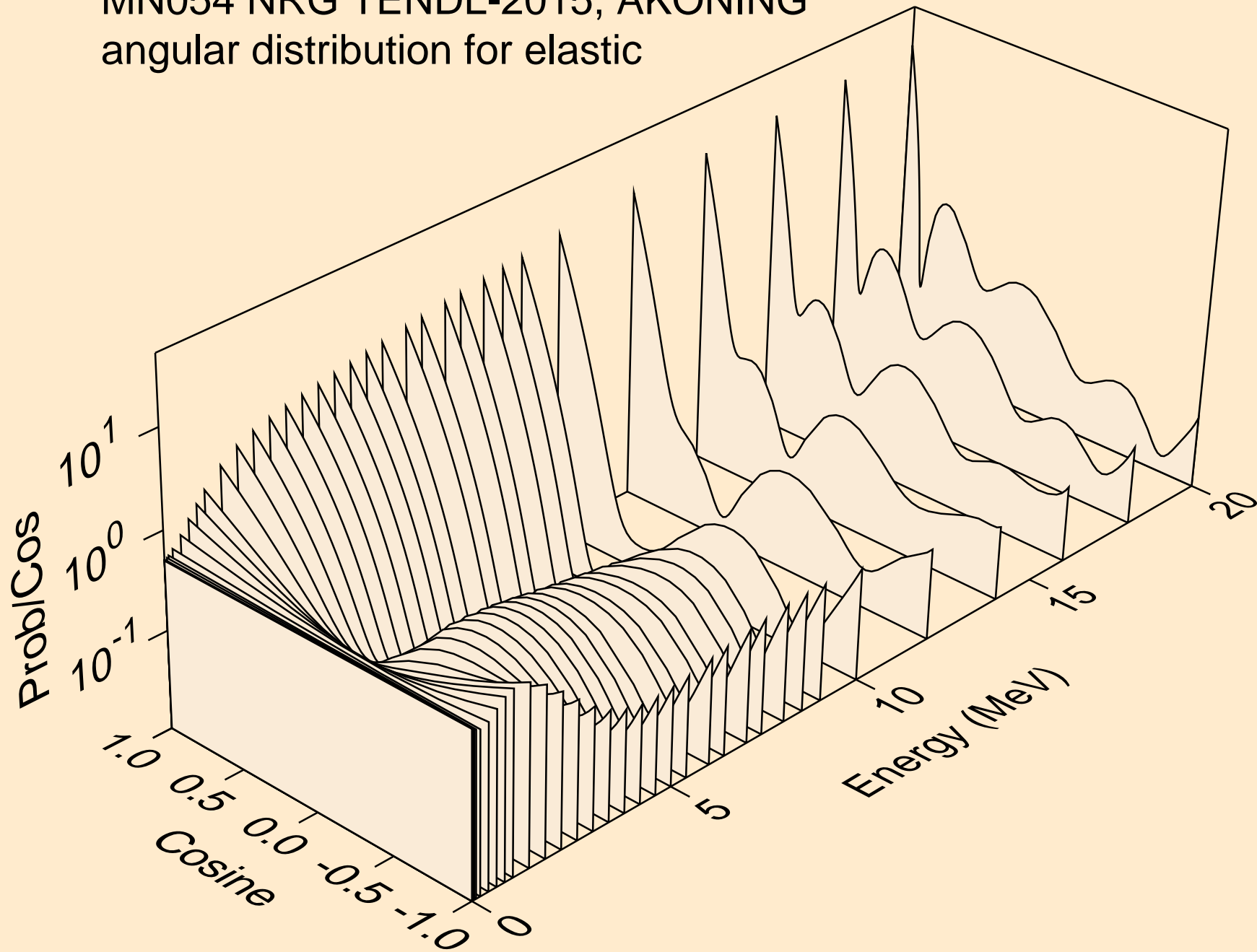


# MN054 NRG TENDL-2015, AKONING

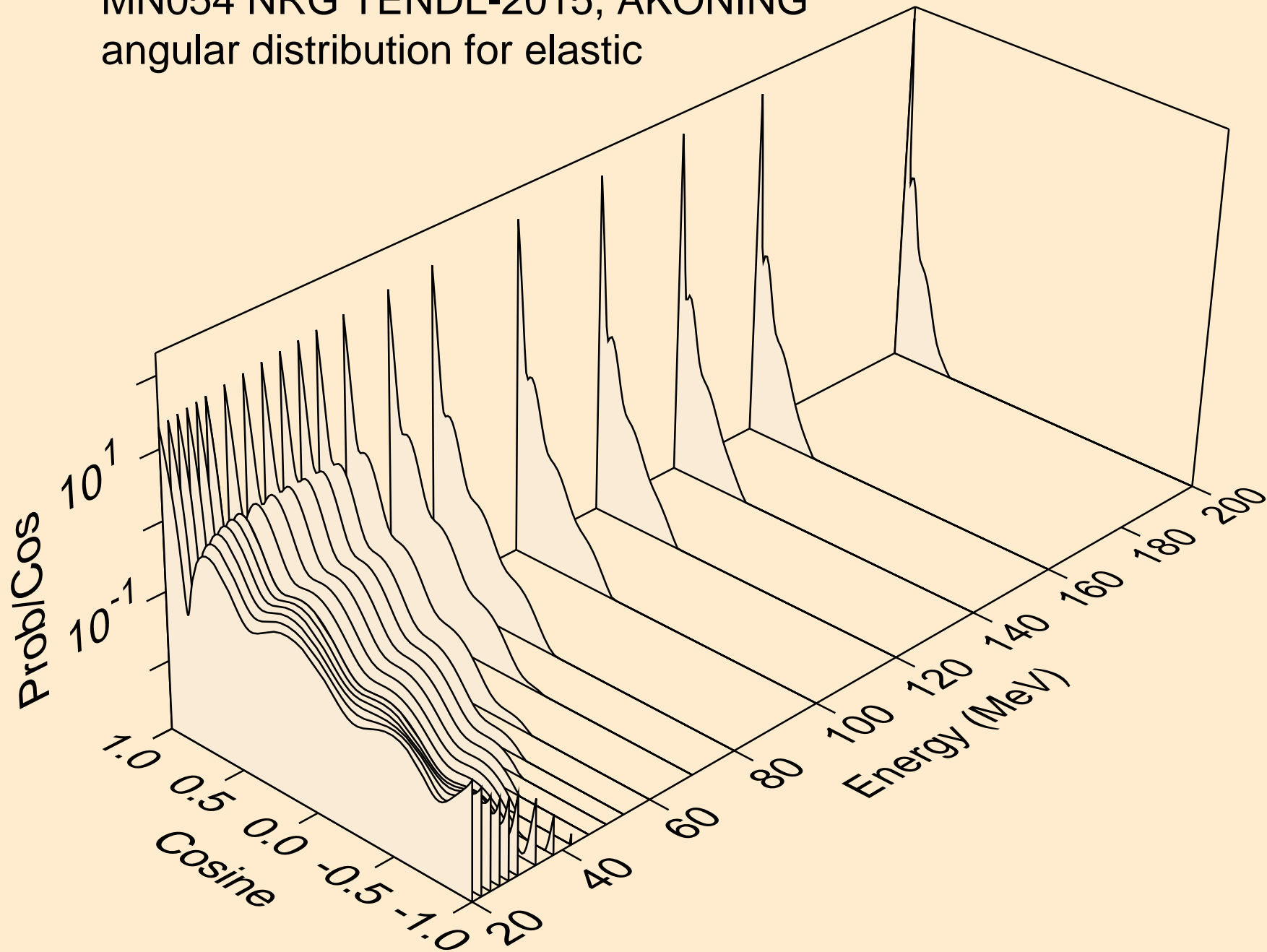
## Threshold reactions



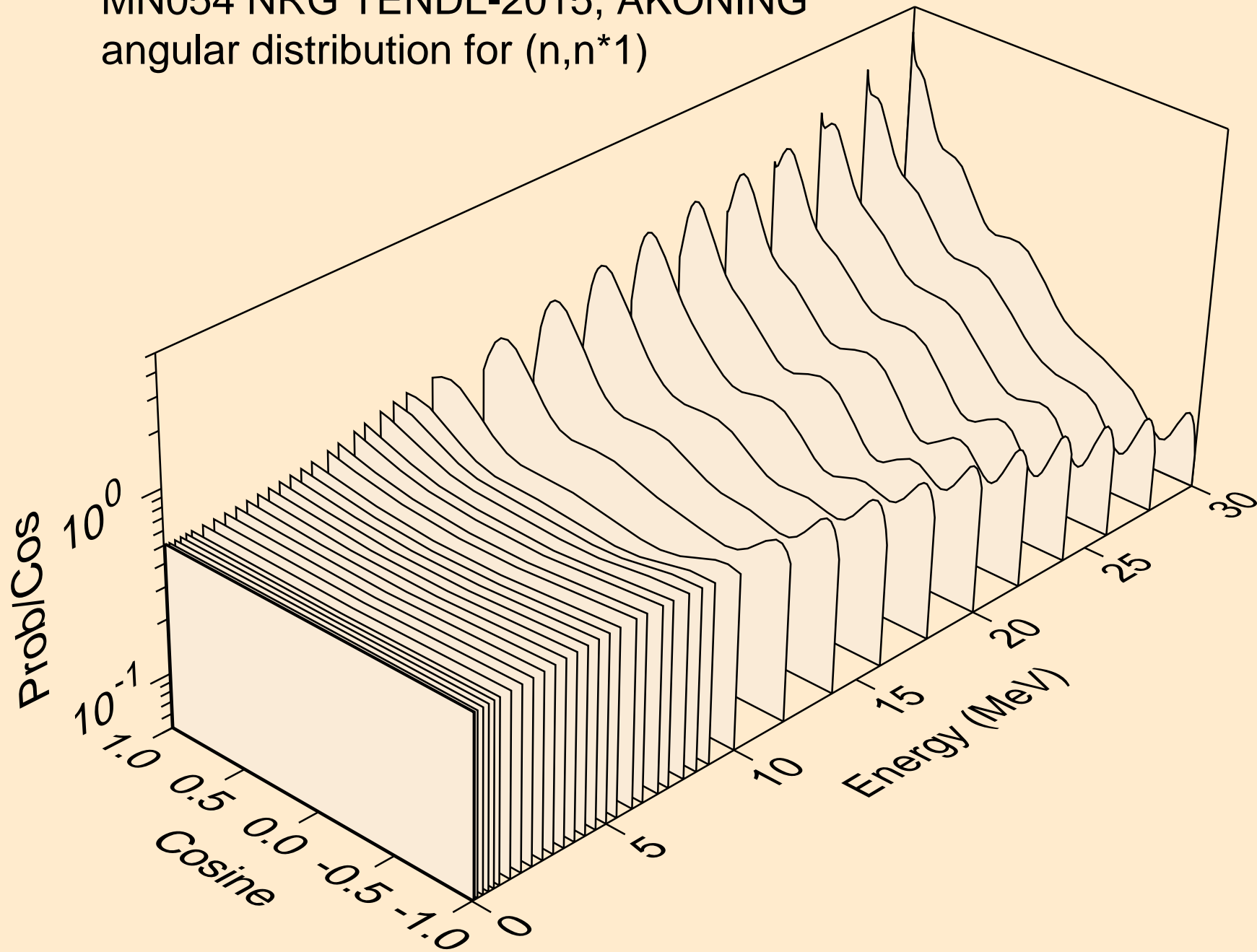
MN054 NRG TENDL-2015, AKONING  
angular distribution for elastic



MN054 NRG TENDL-2015, AKONING  
angular distribution for elastic

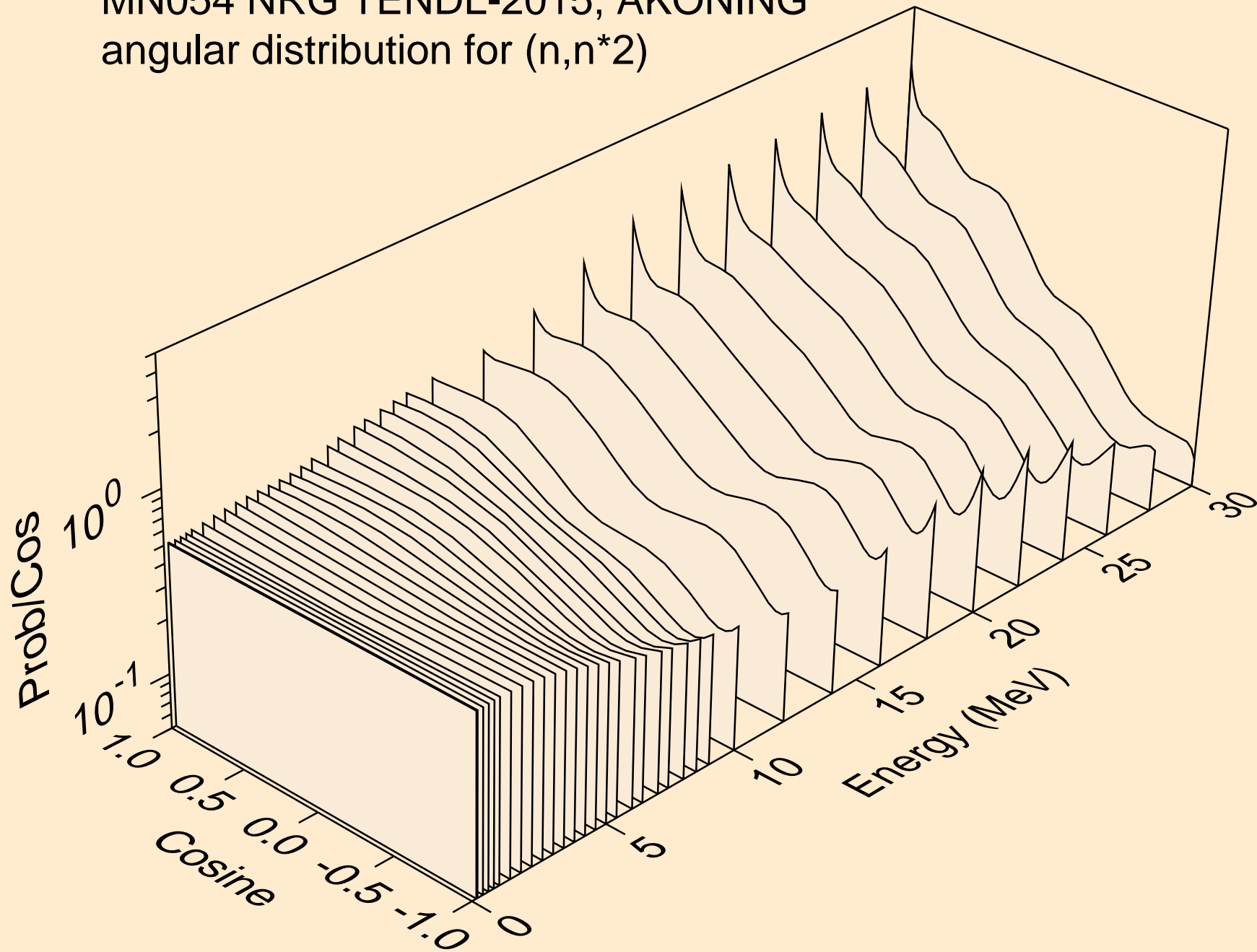


MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

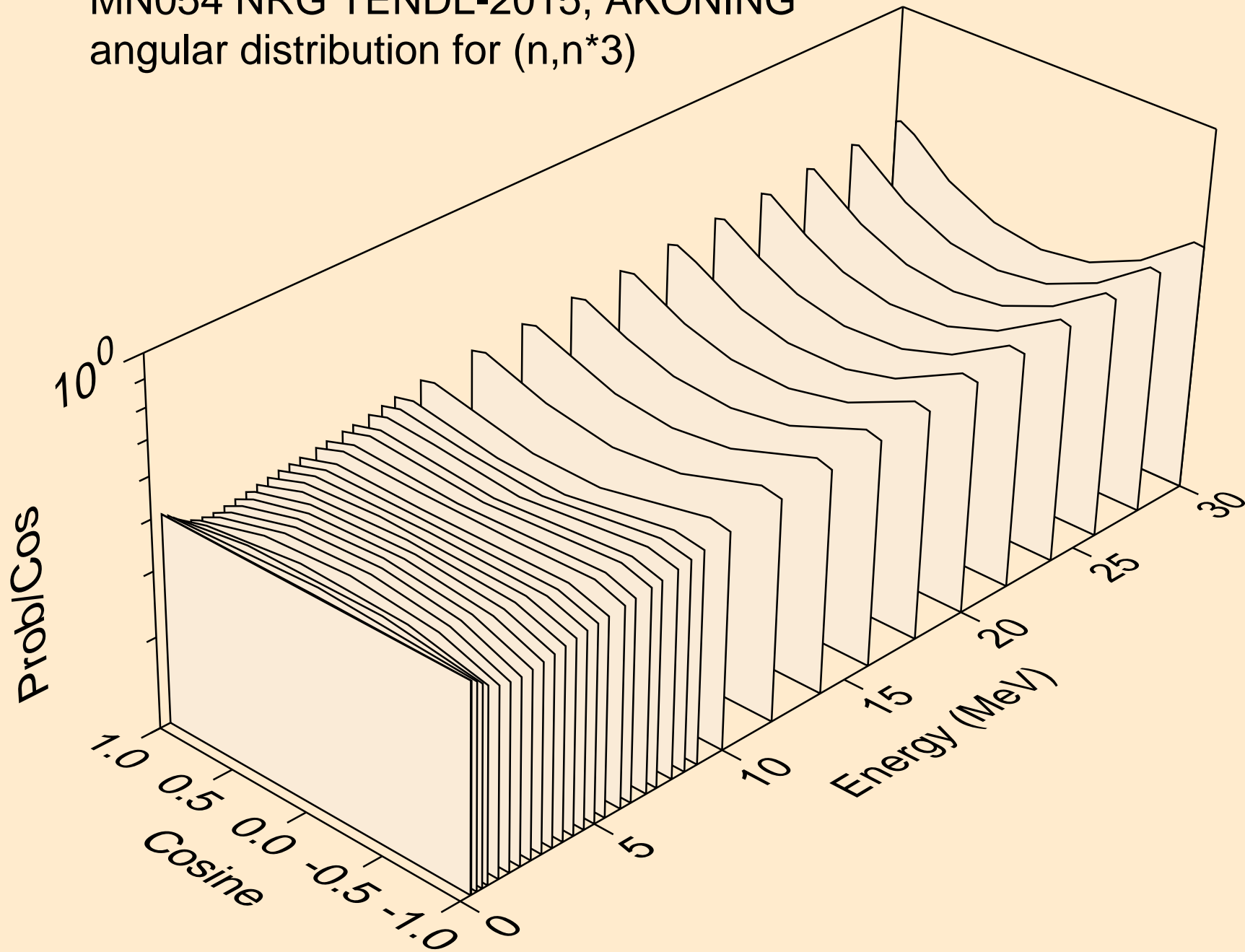




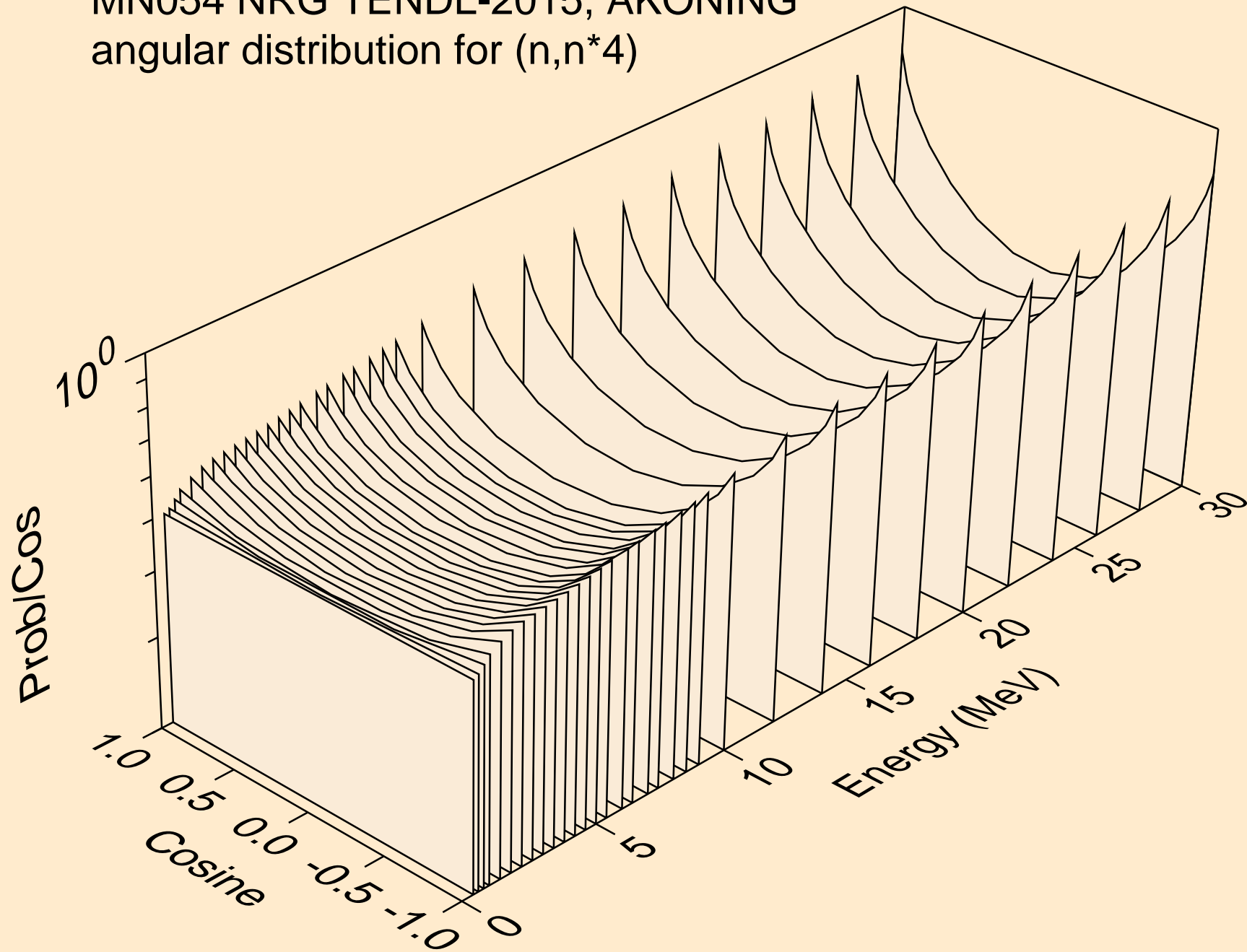
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



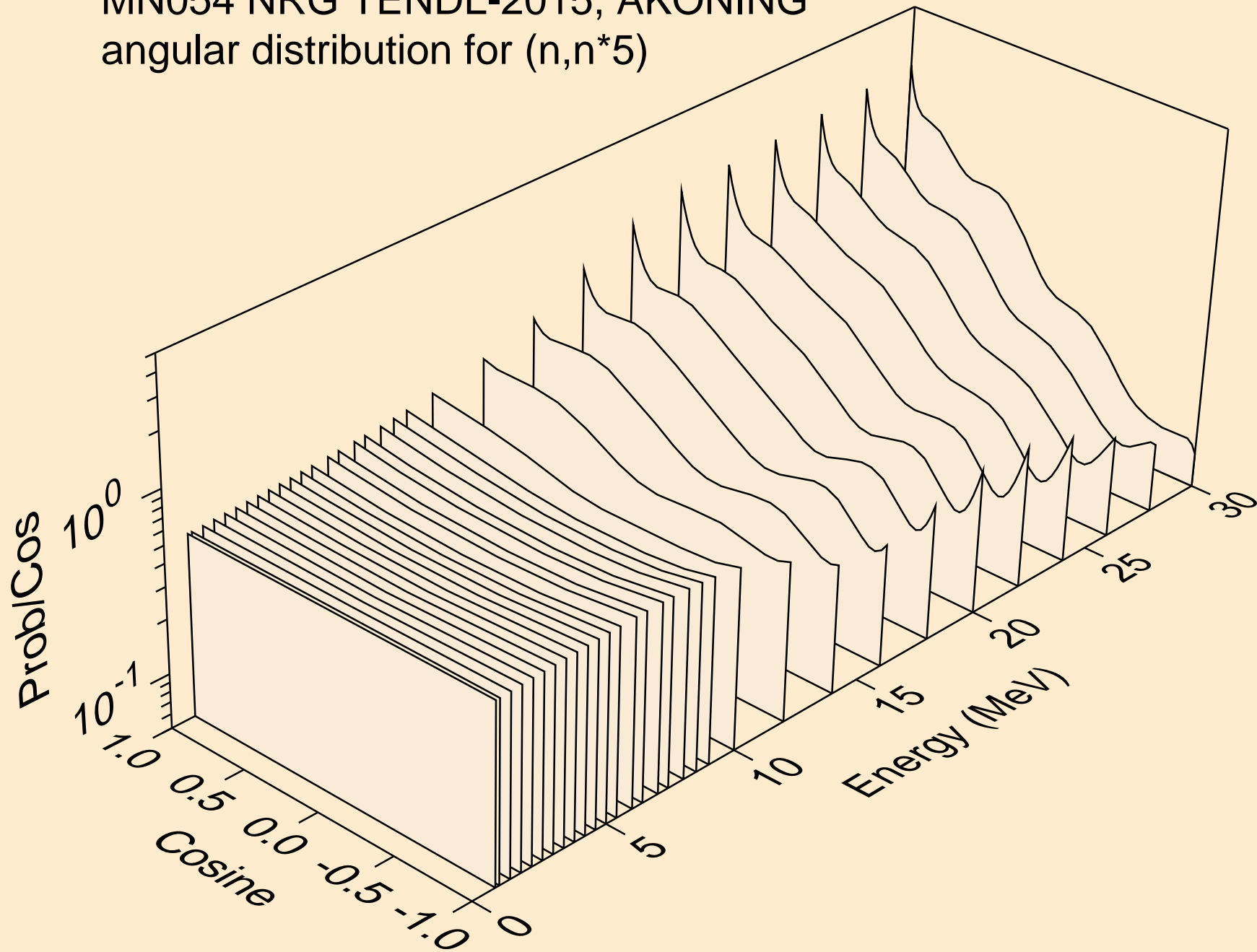
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



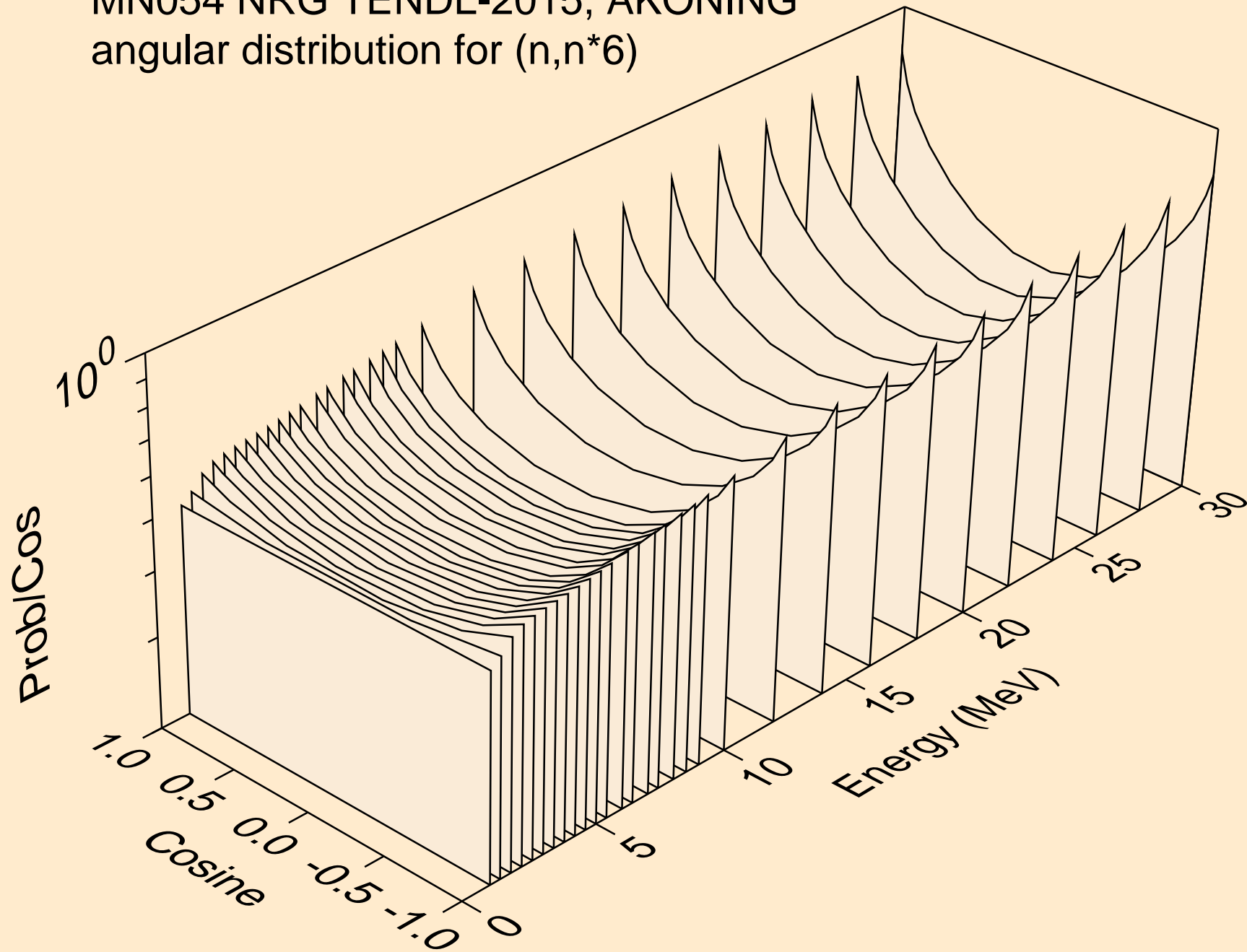
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



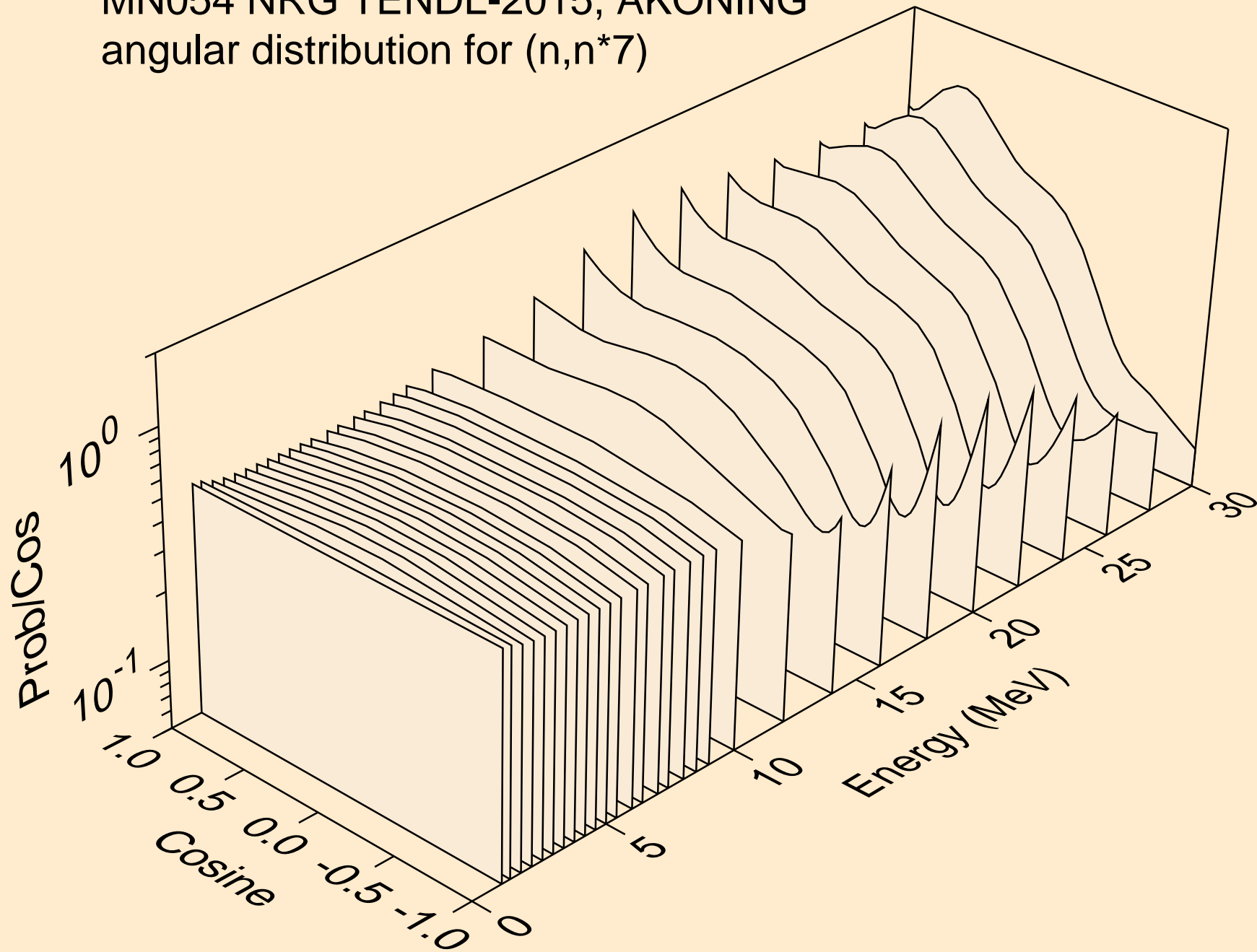
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



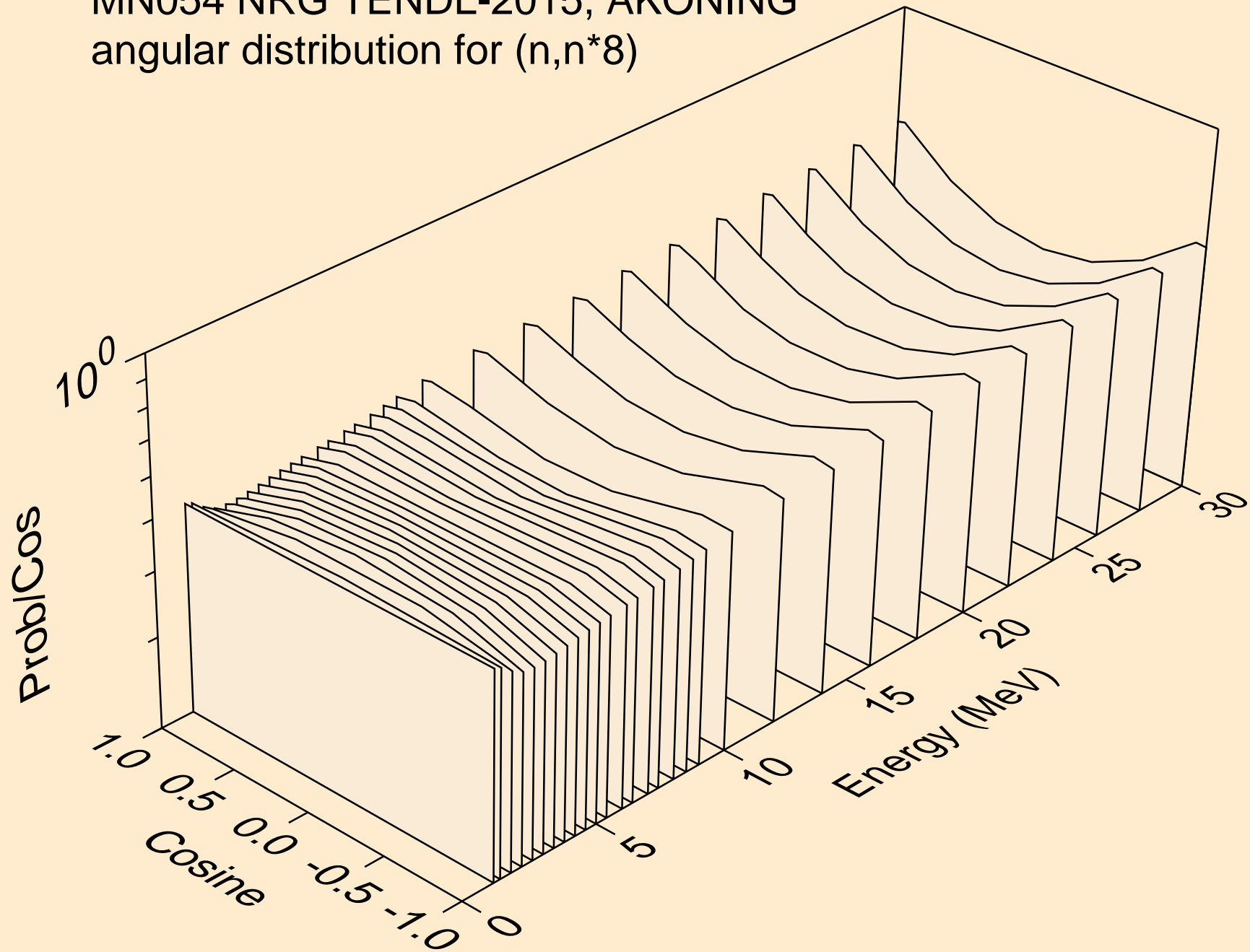
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



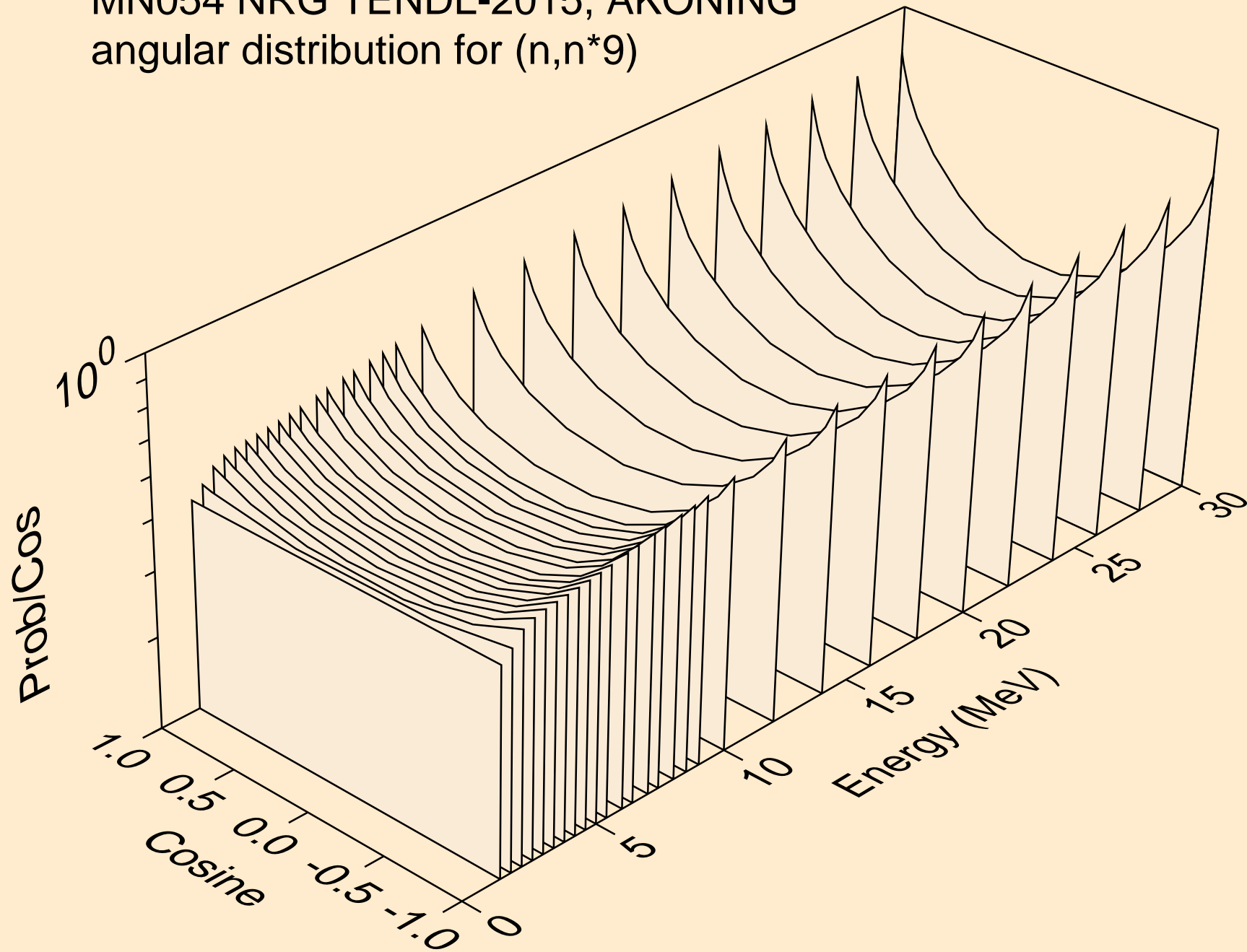
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

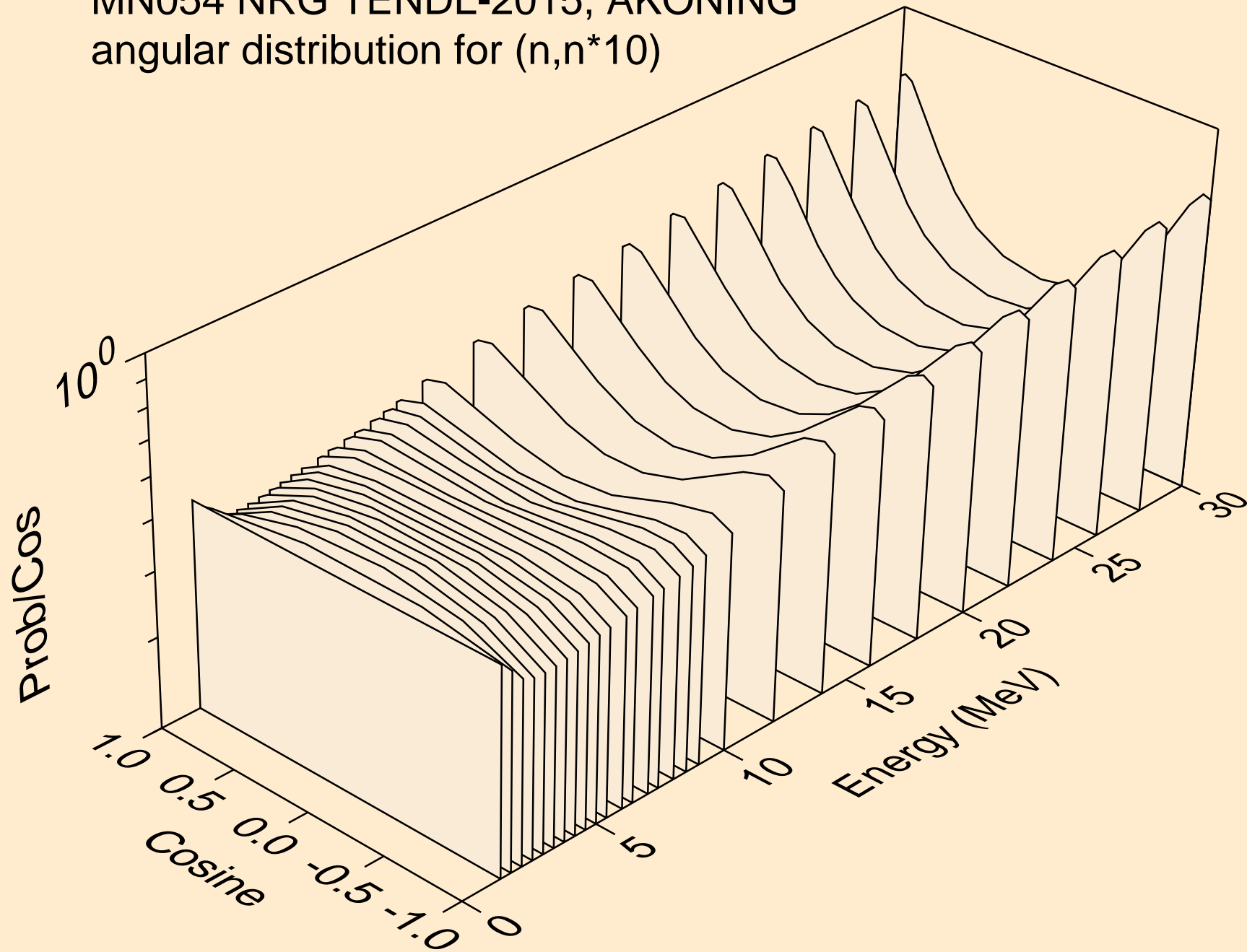


MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

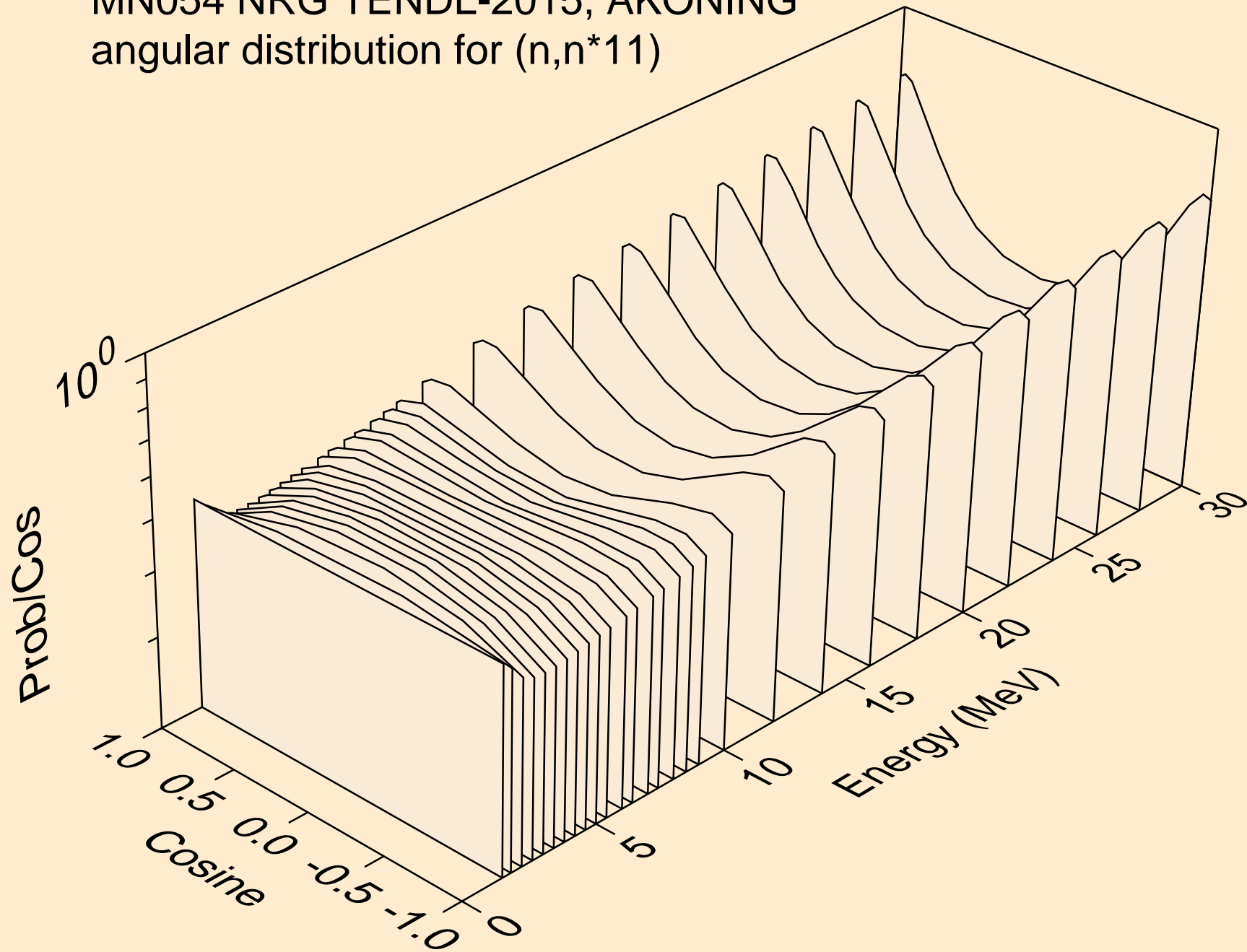




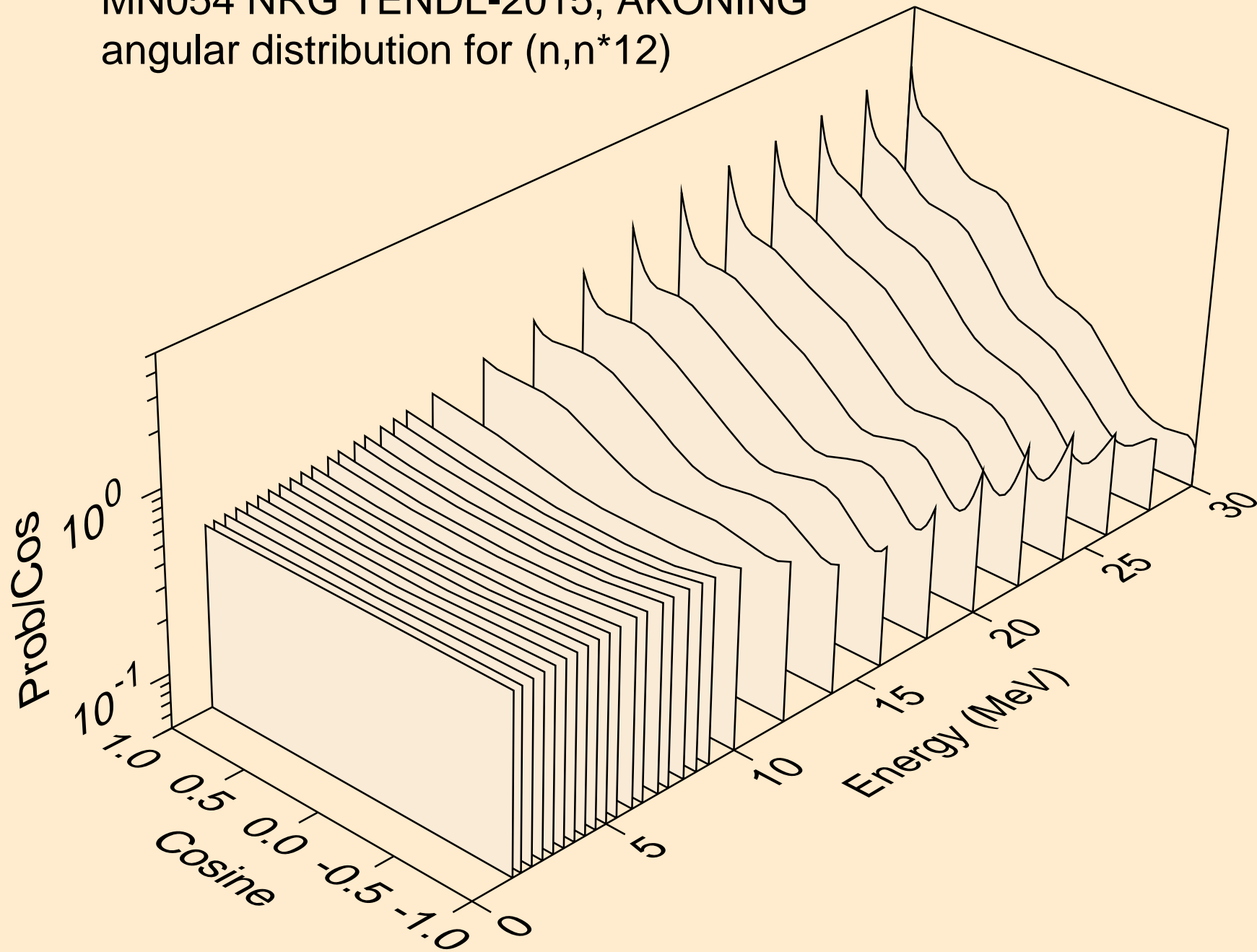
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



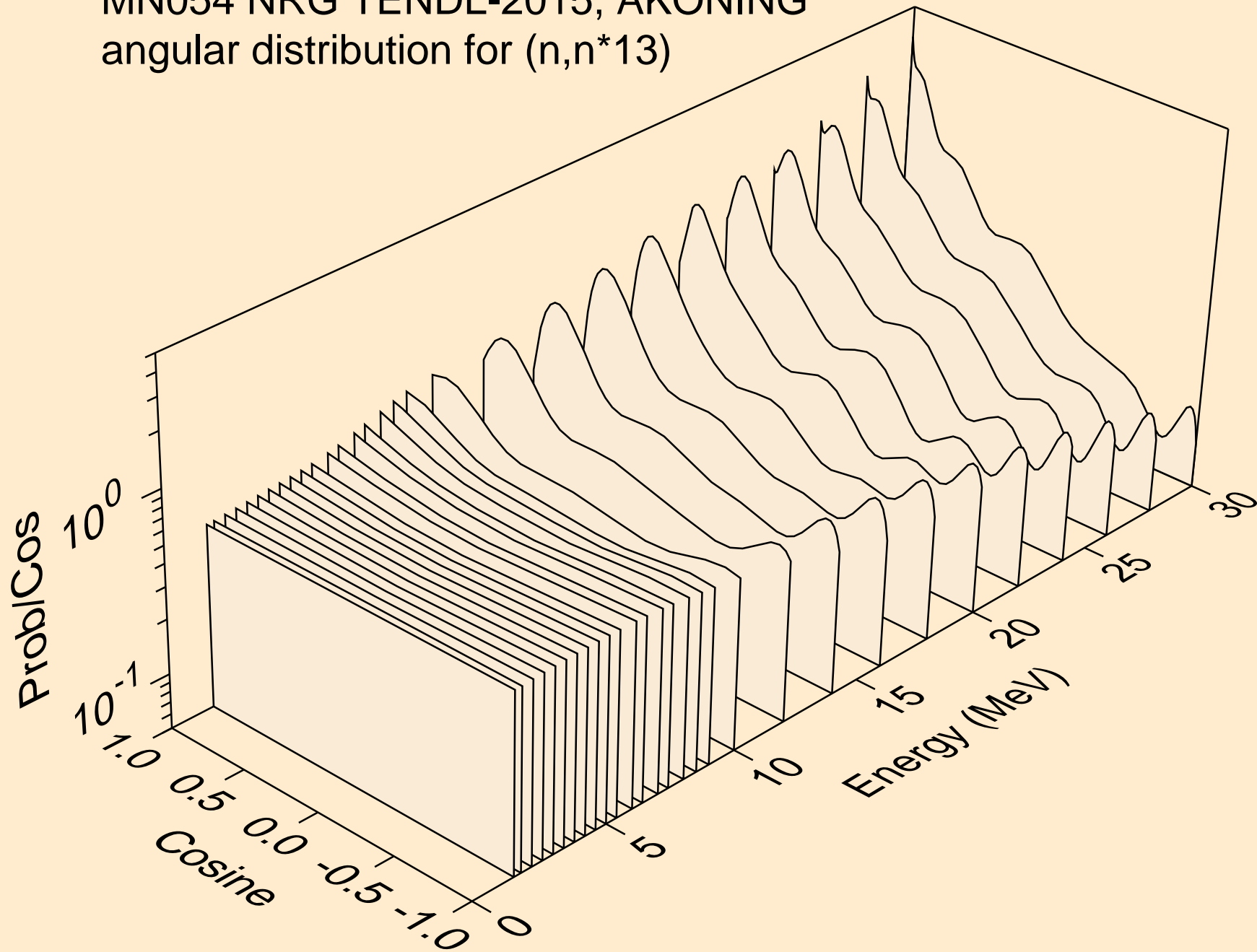
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



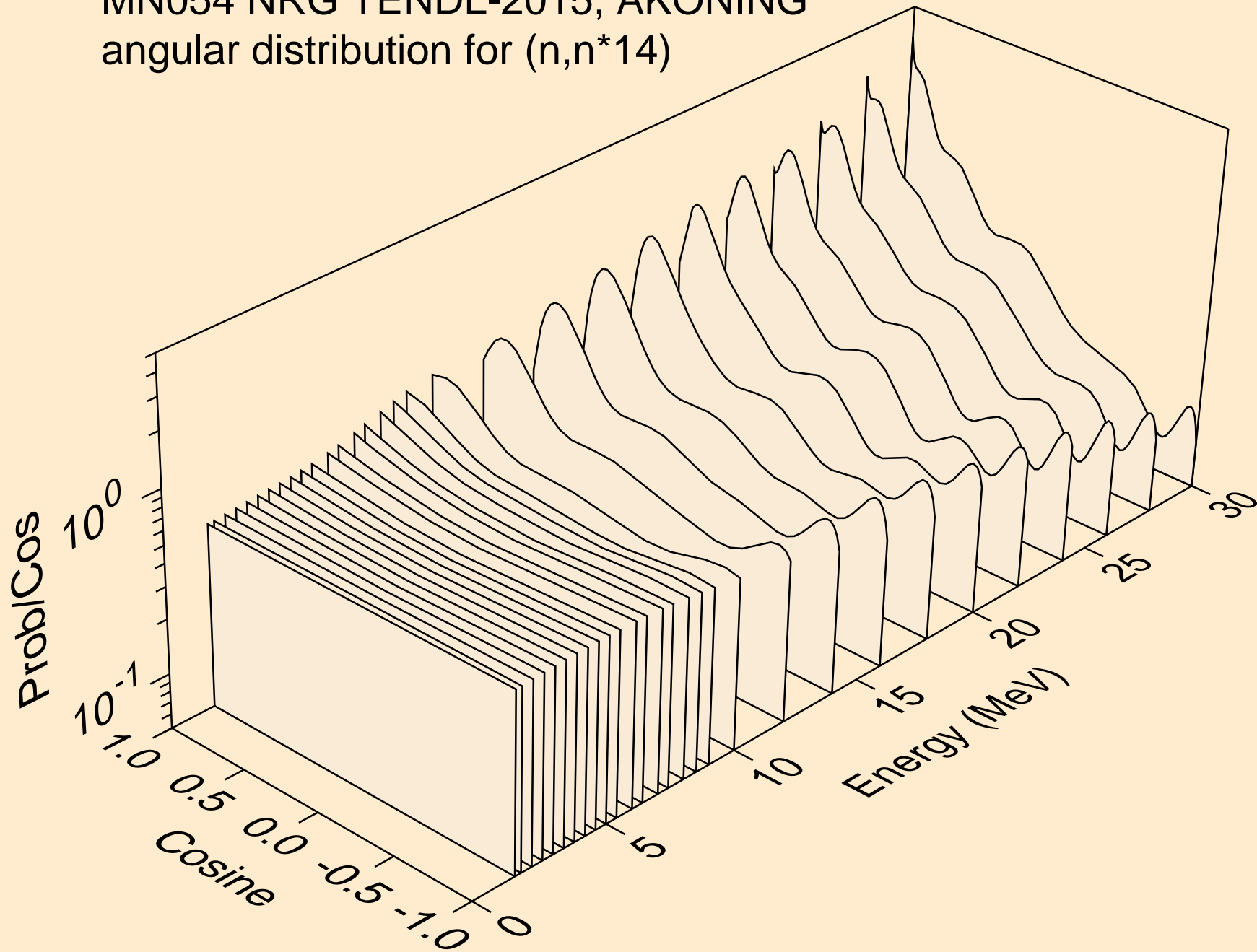
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



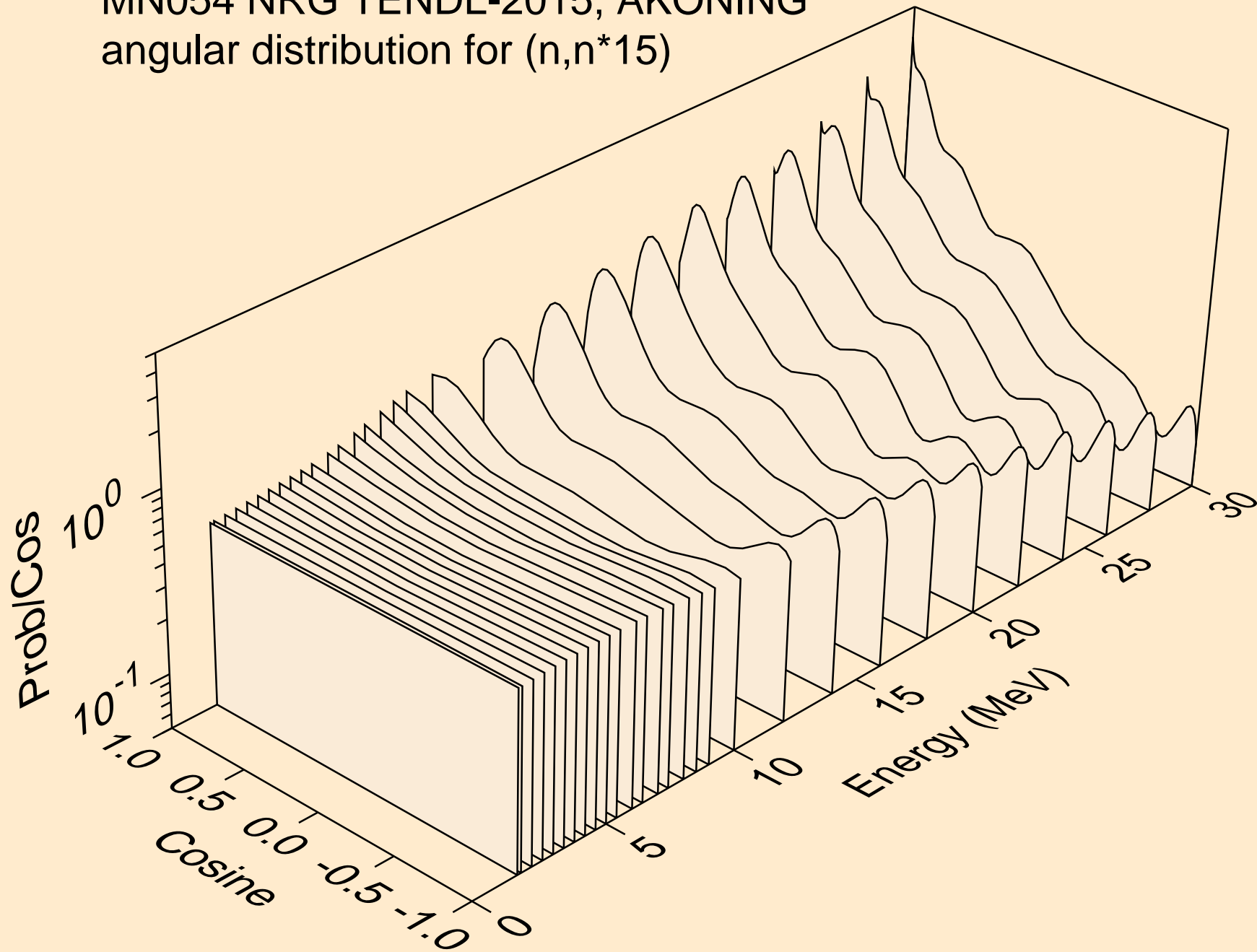
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



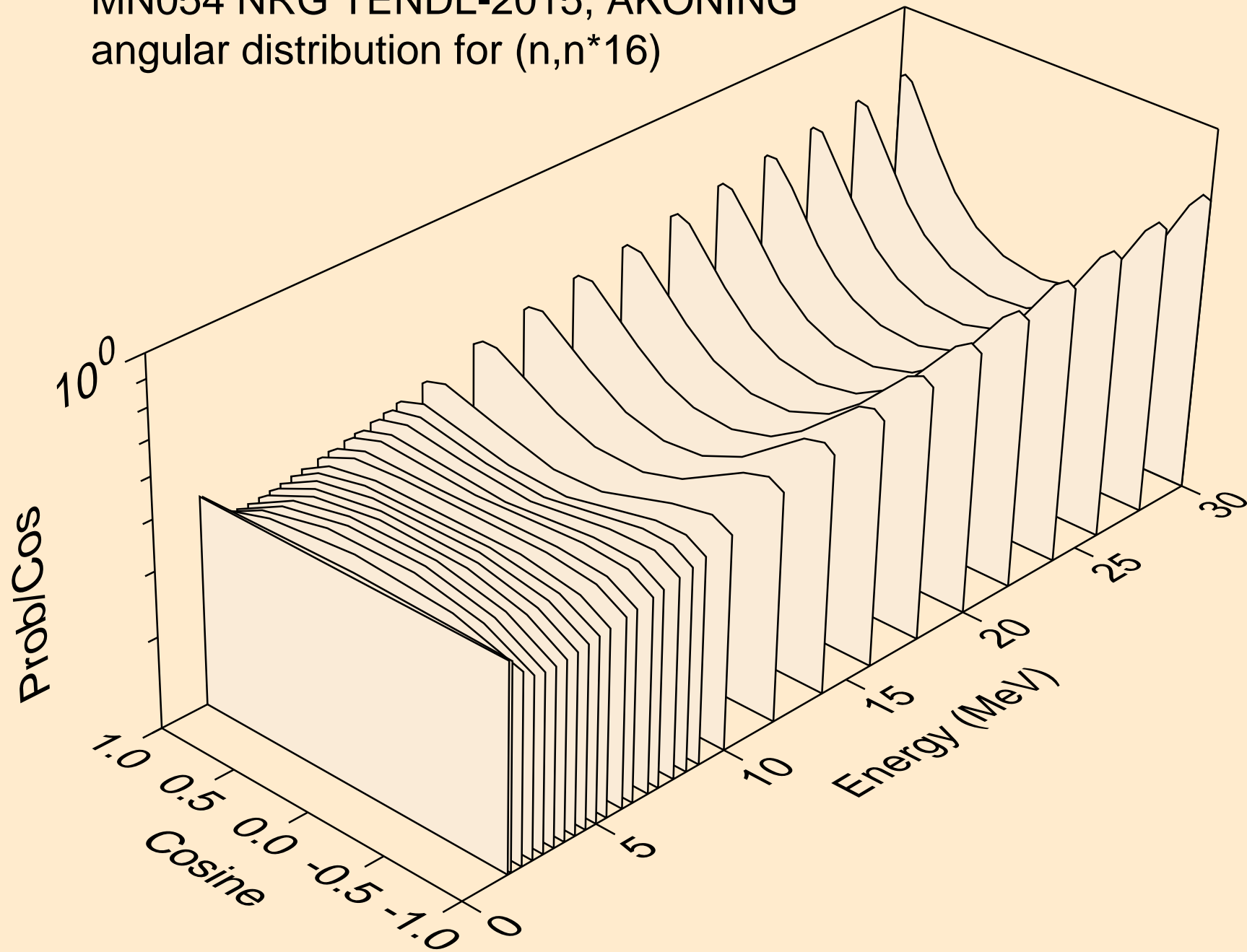
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



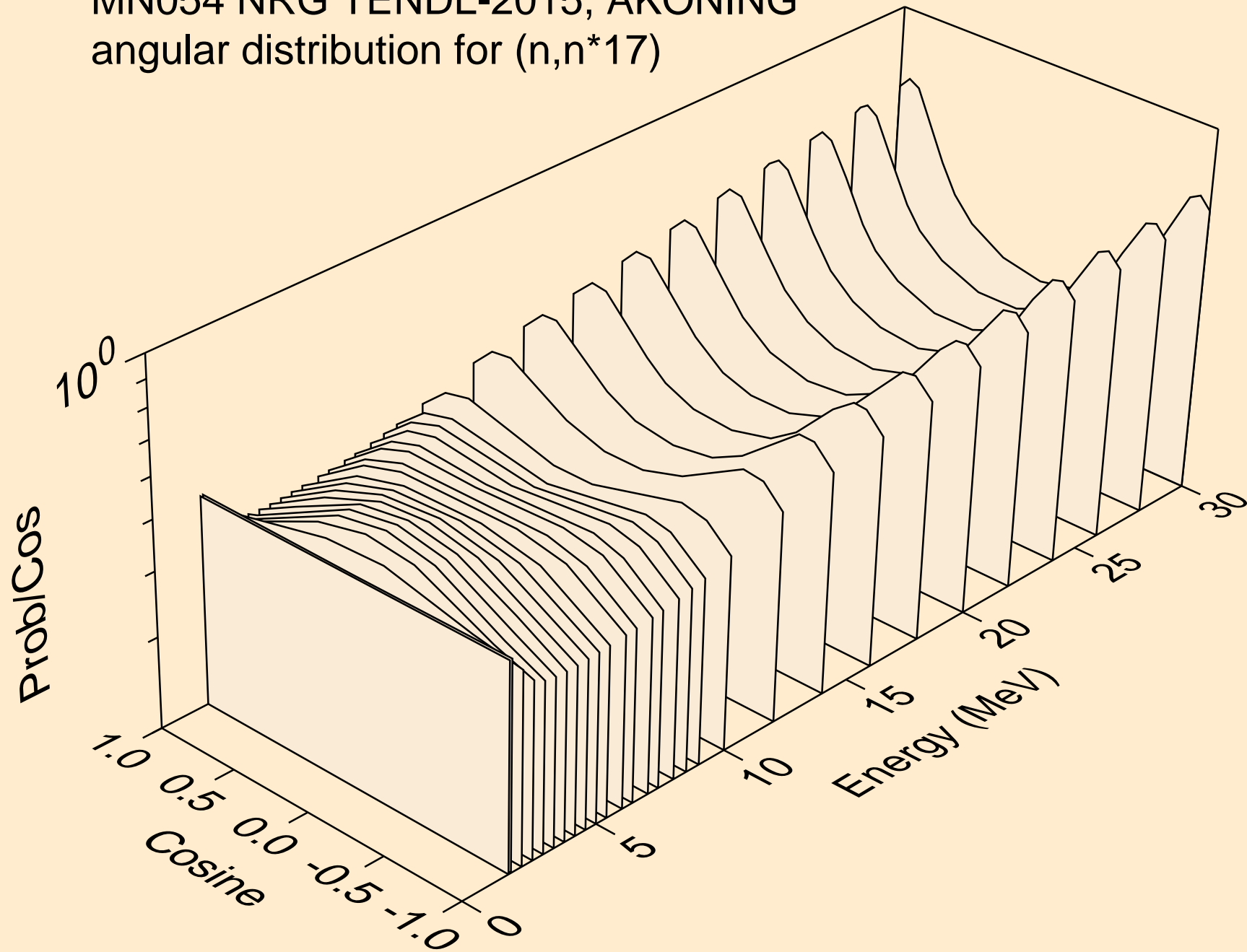
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

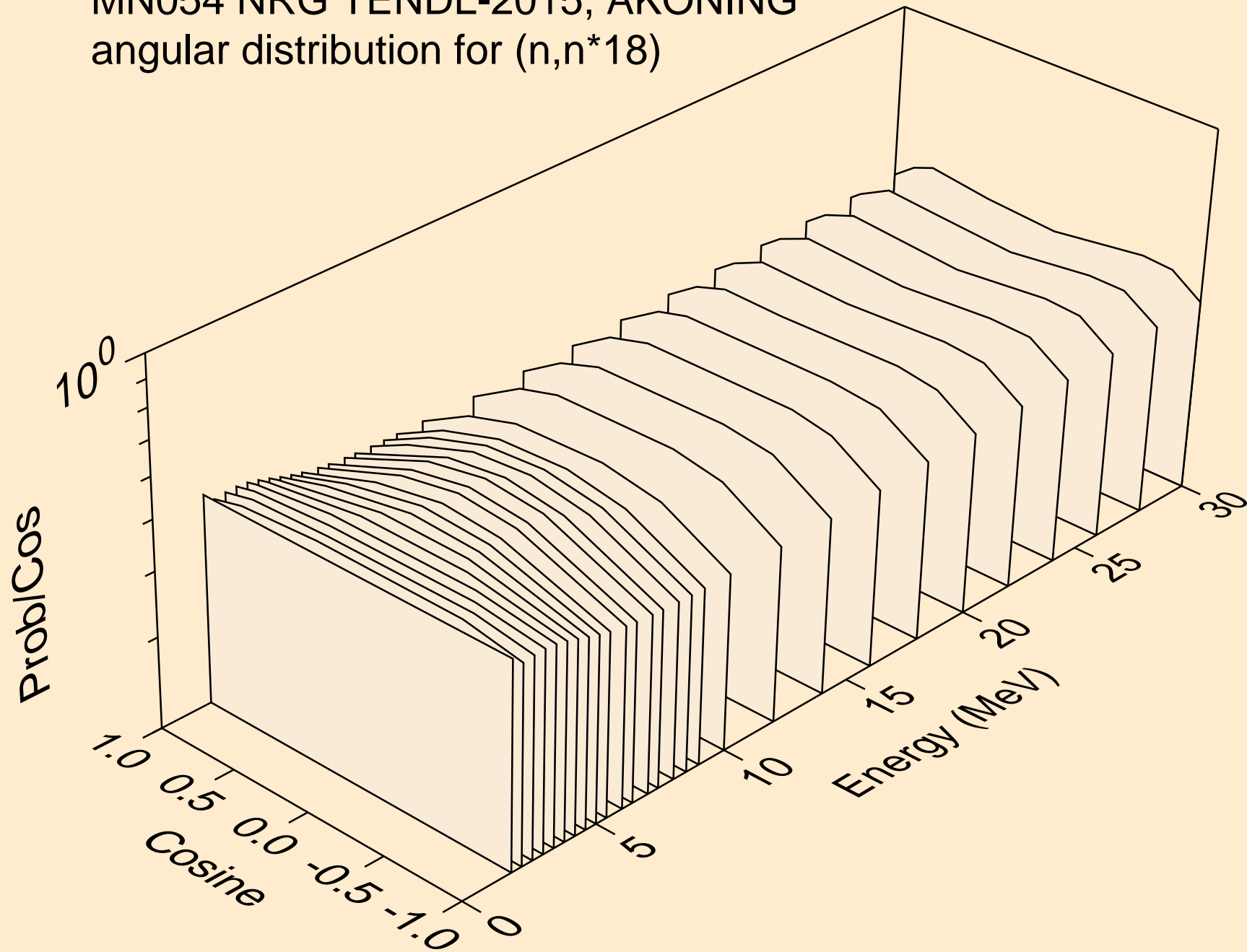


MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

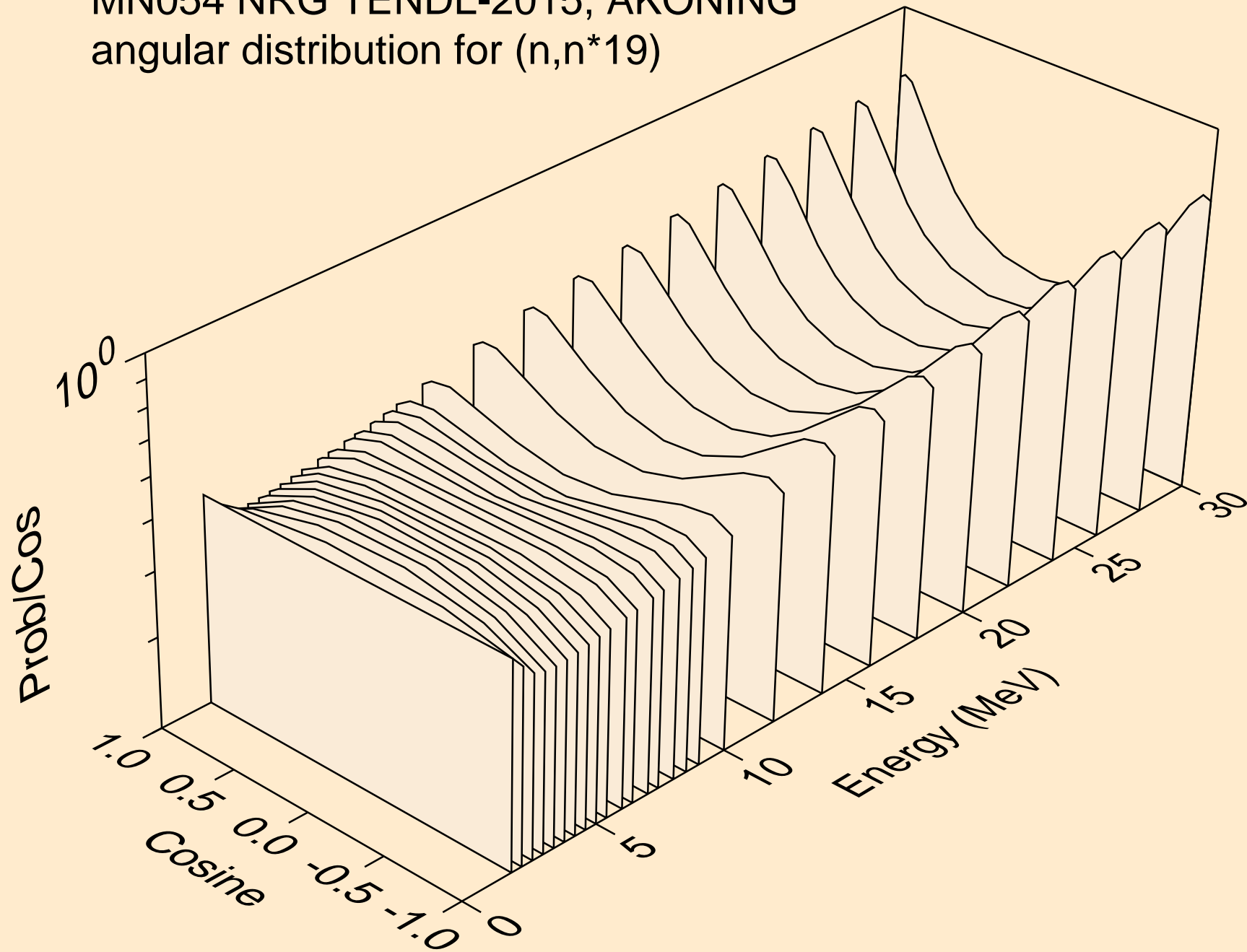




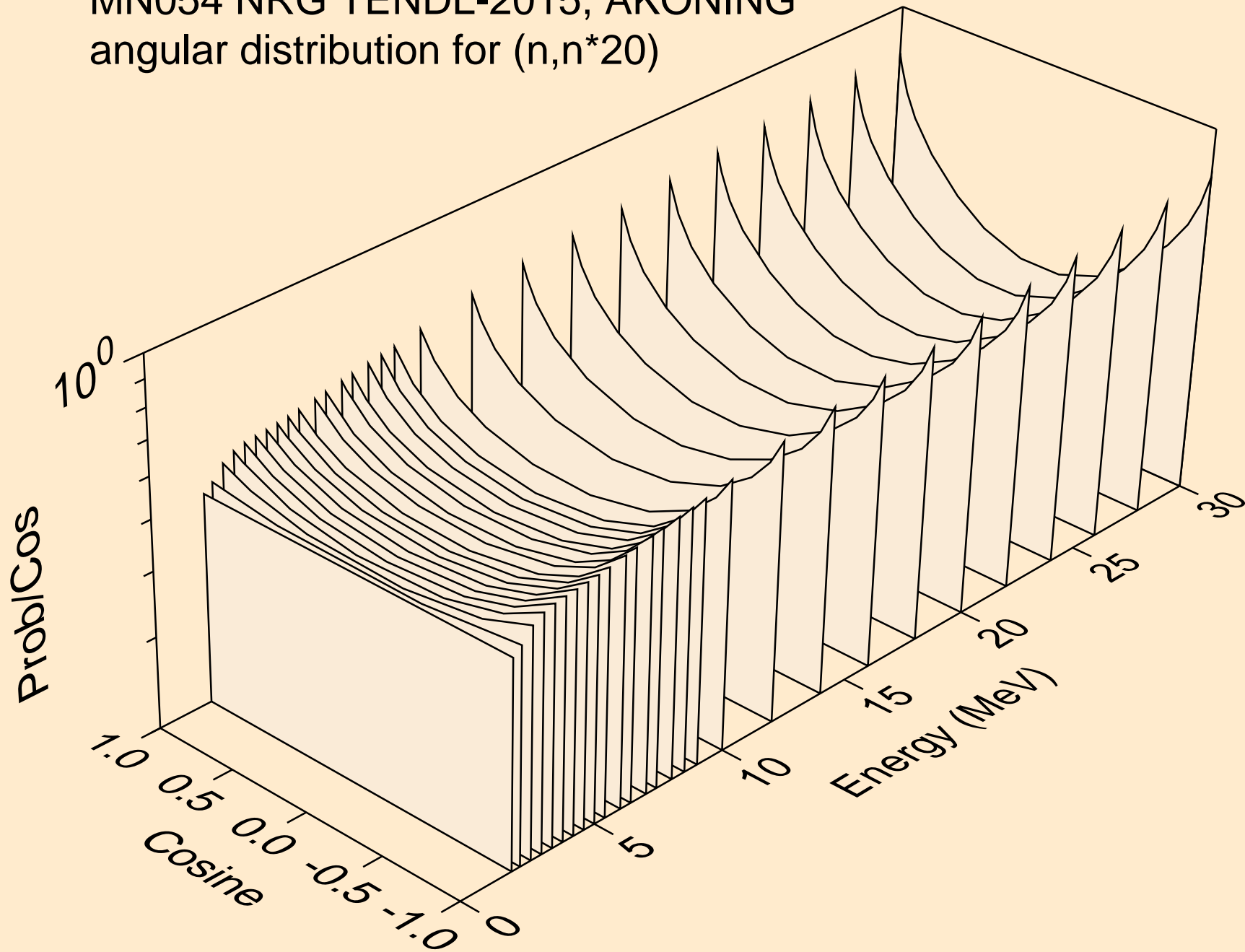
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



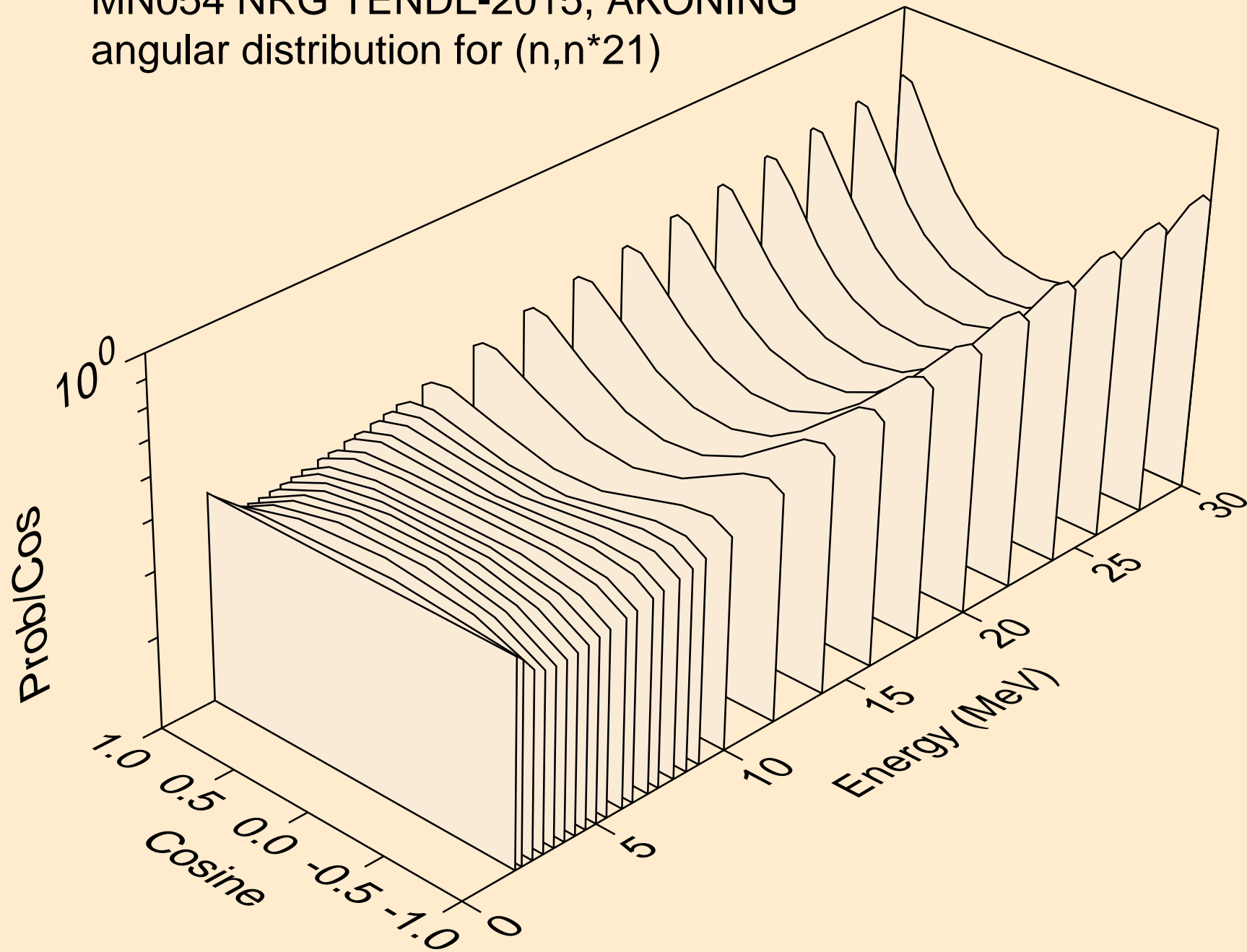
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



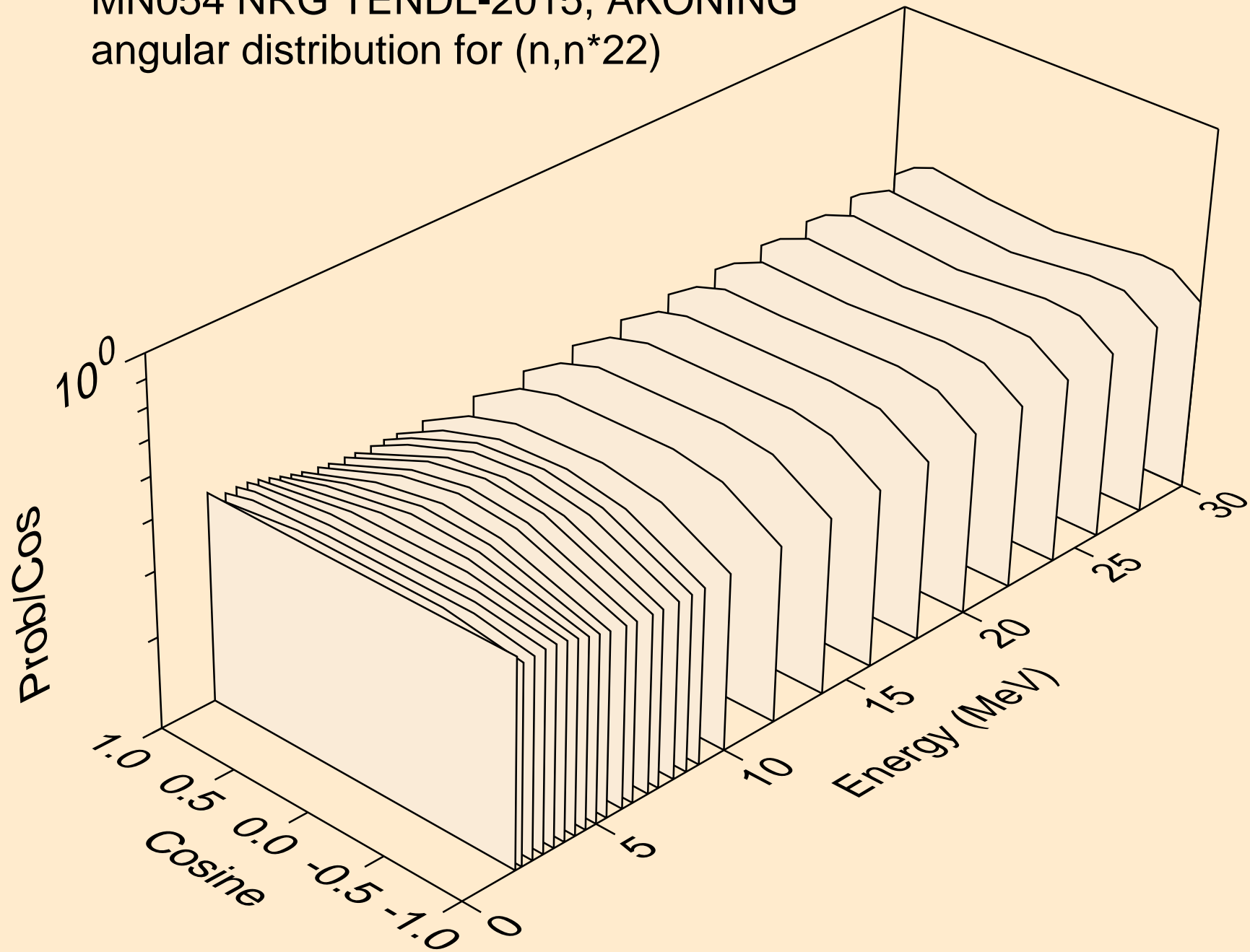
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



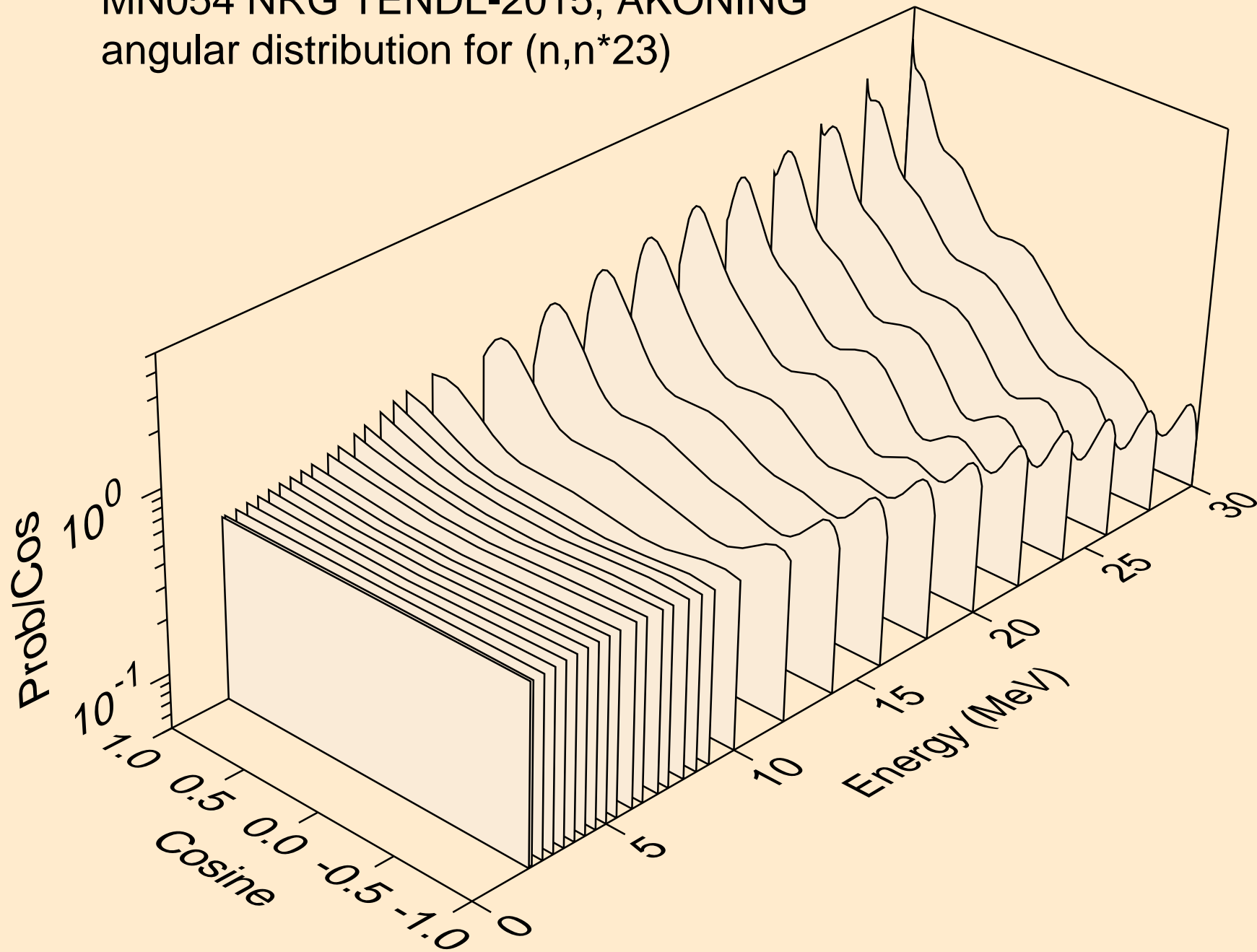
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



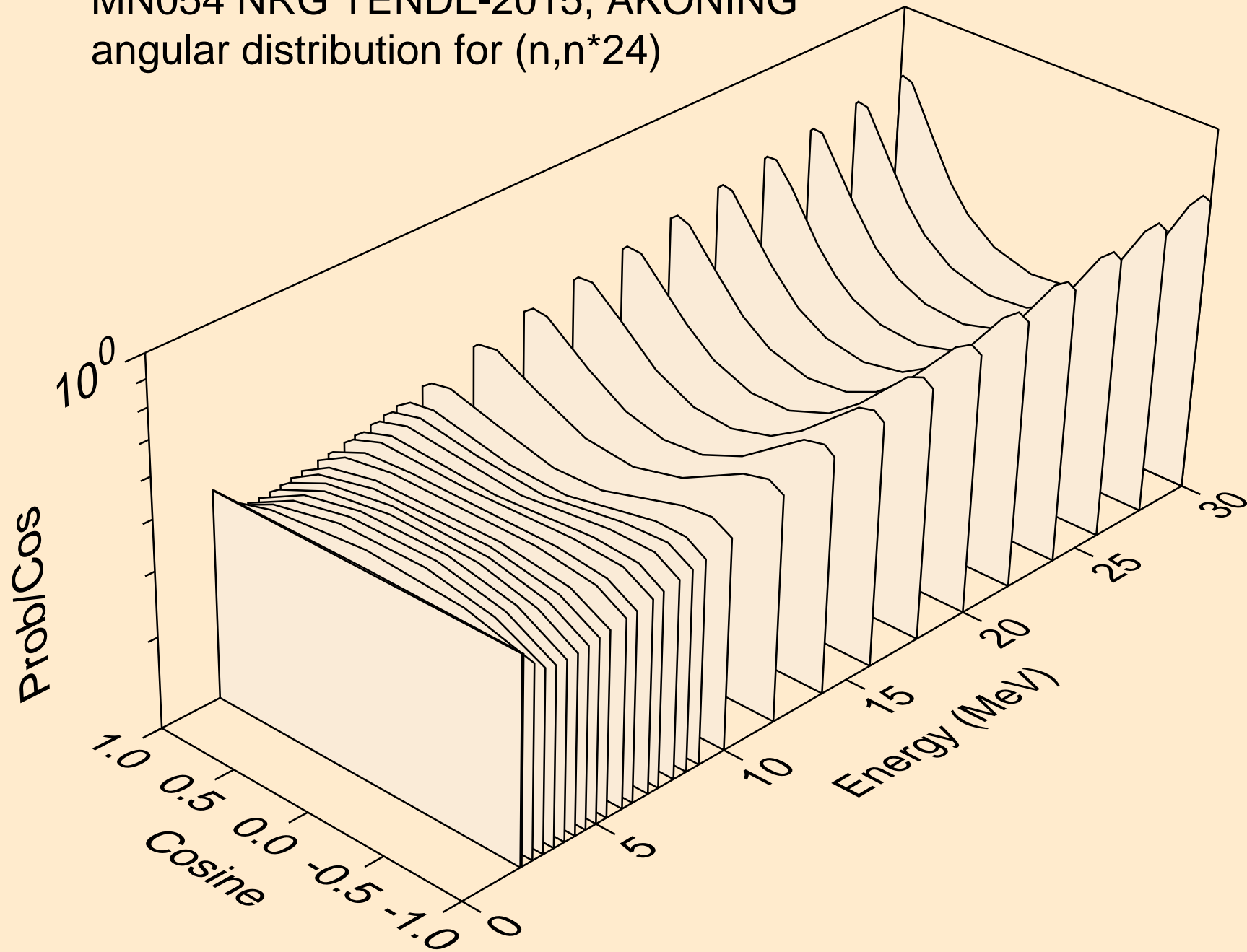
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



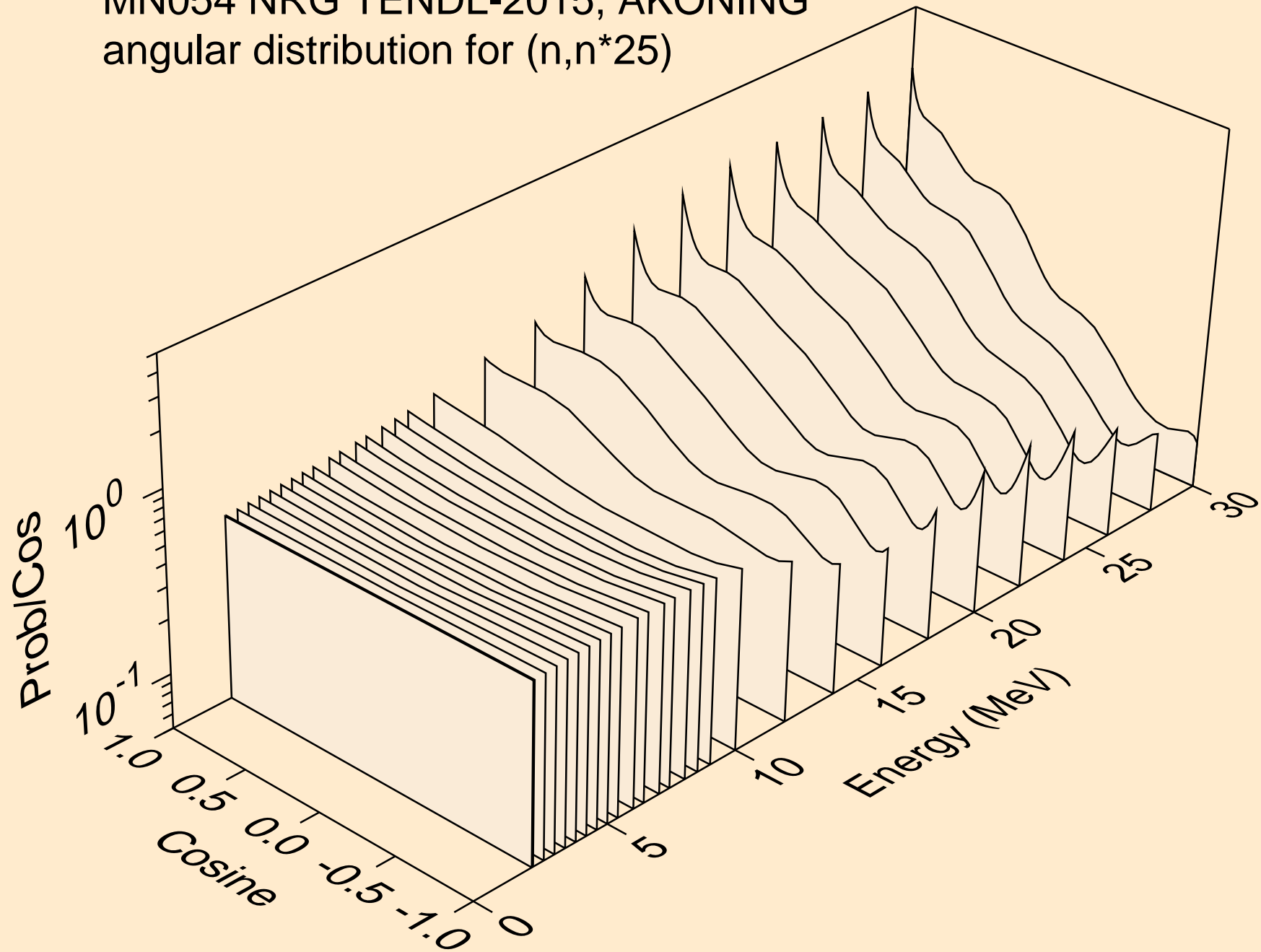
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

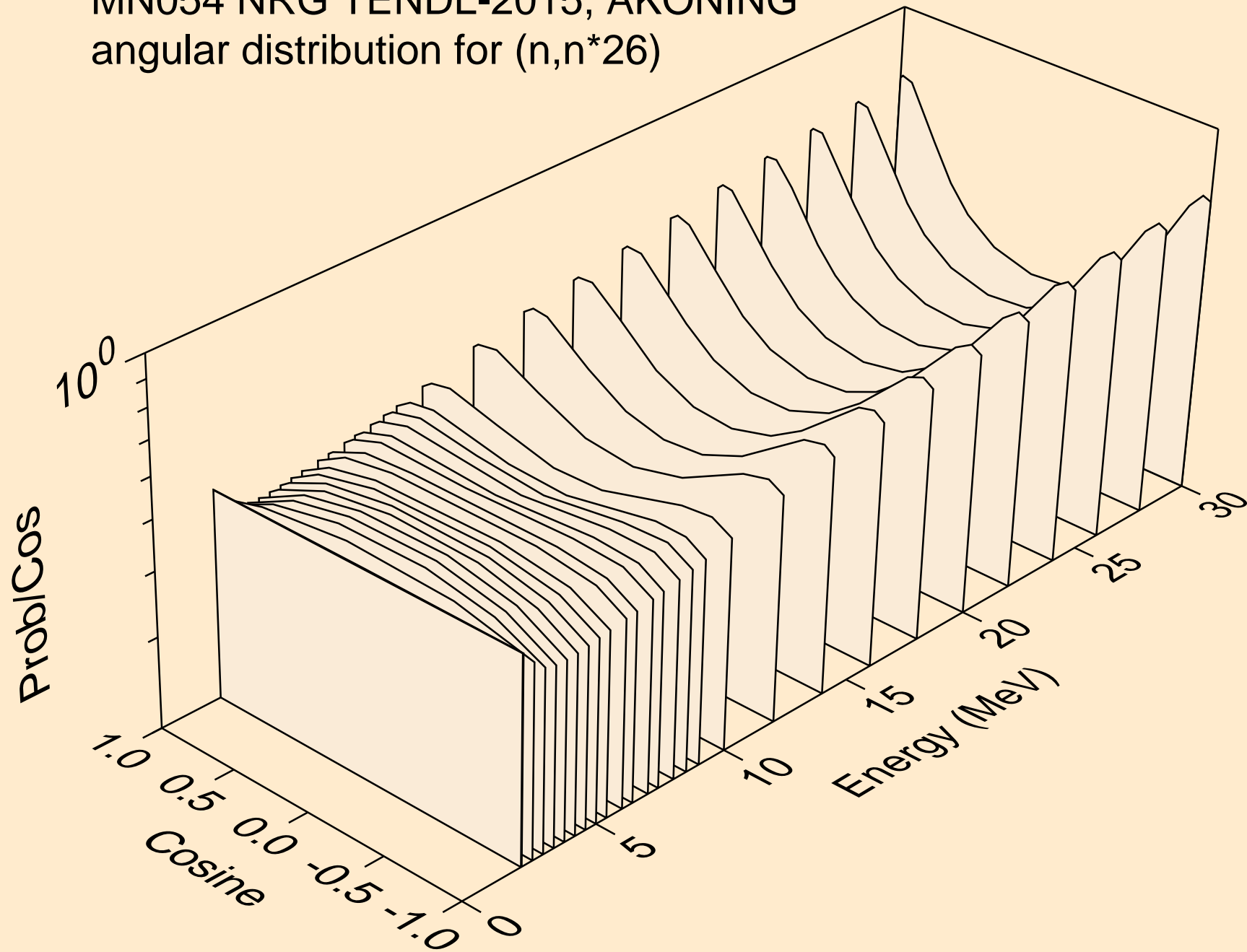


MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

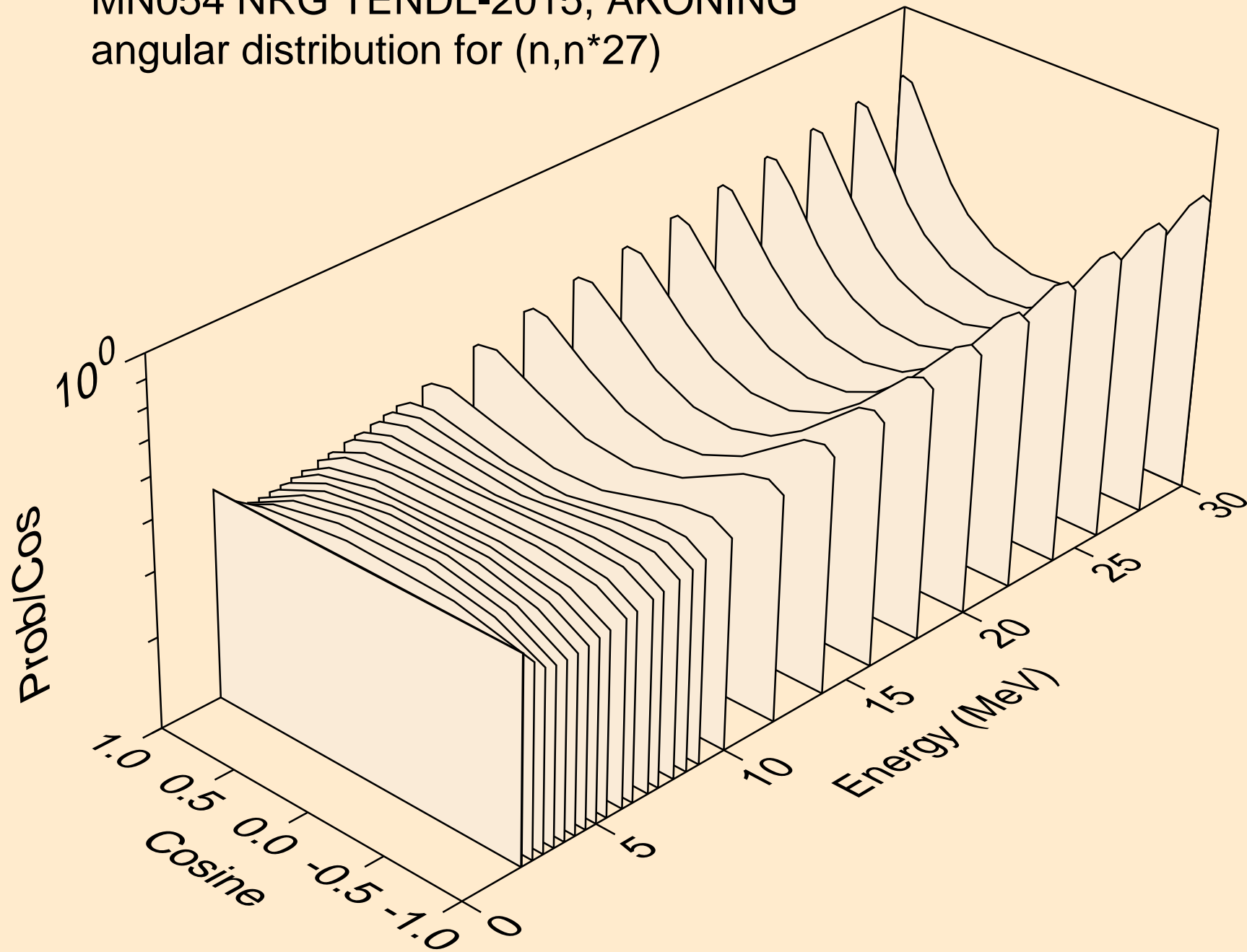




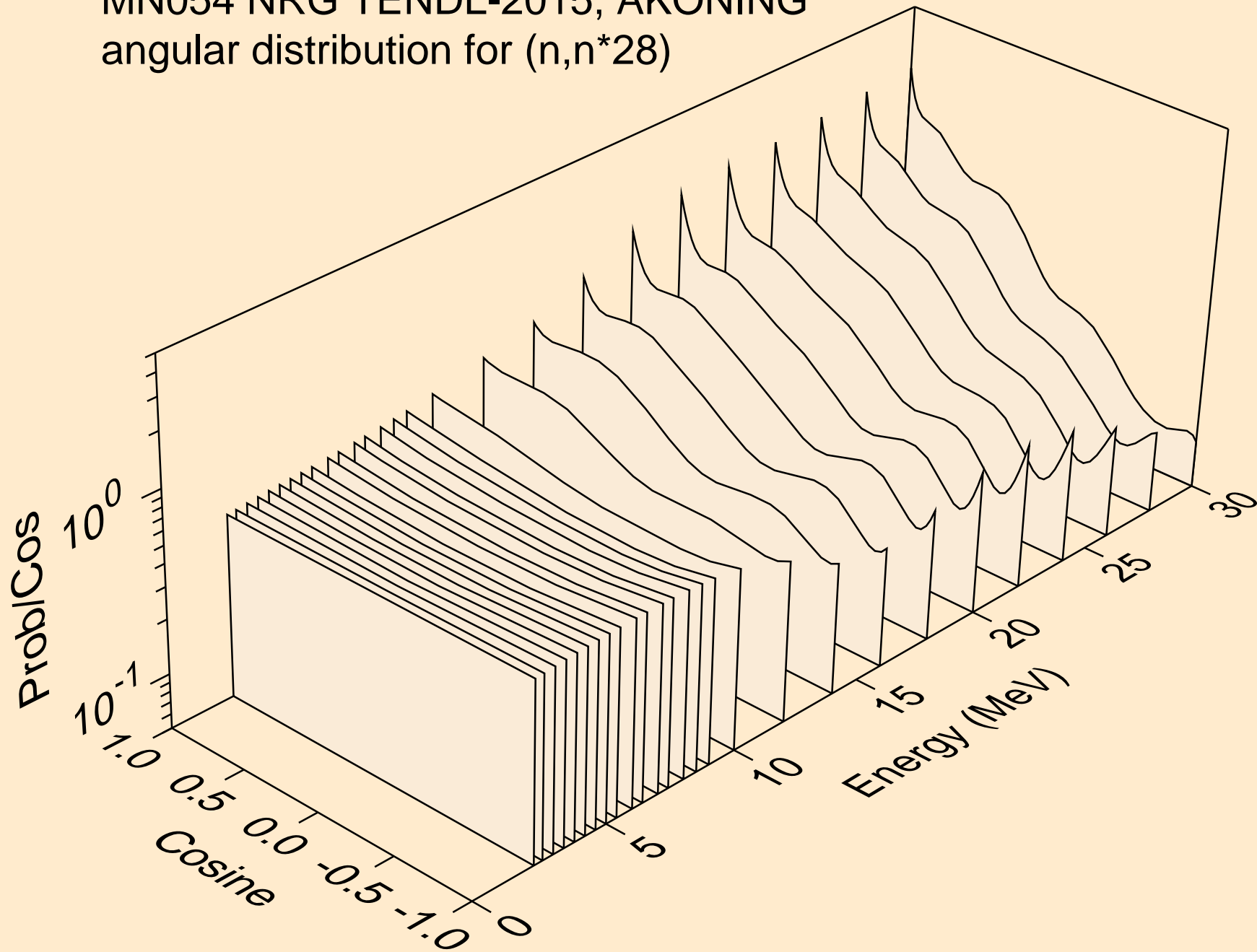
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



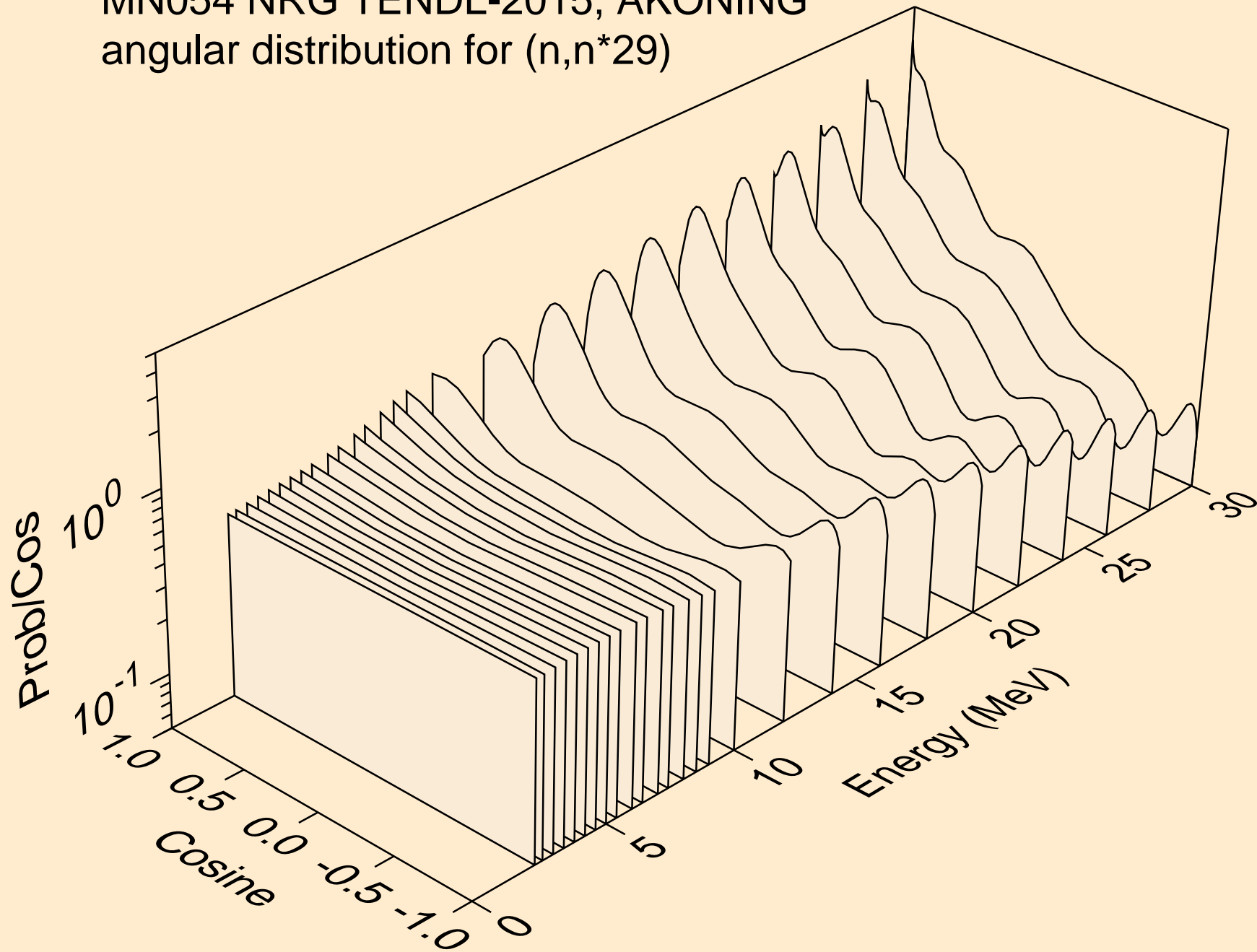
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



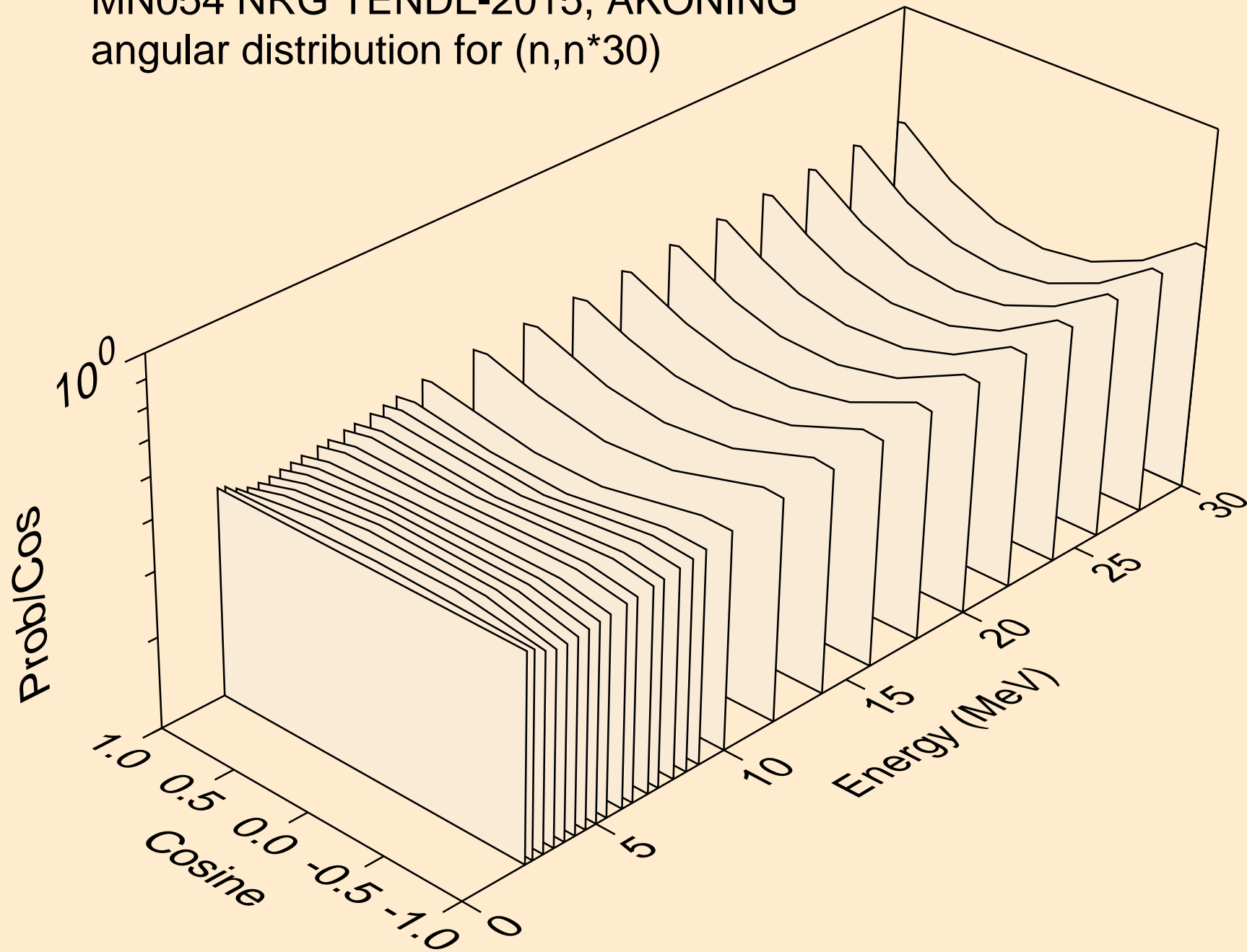
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



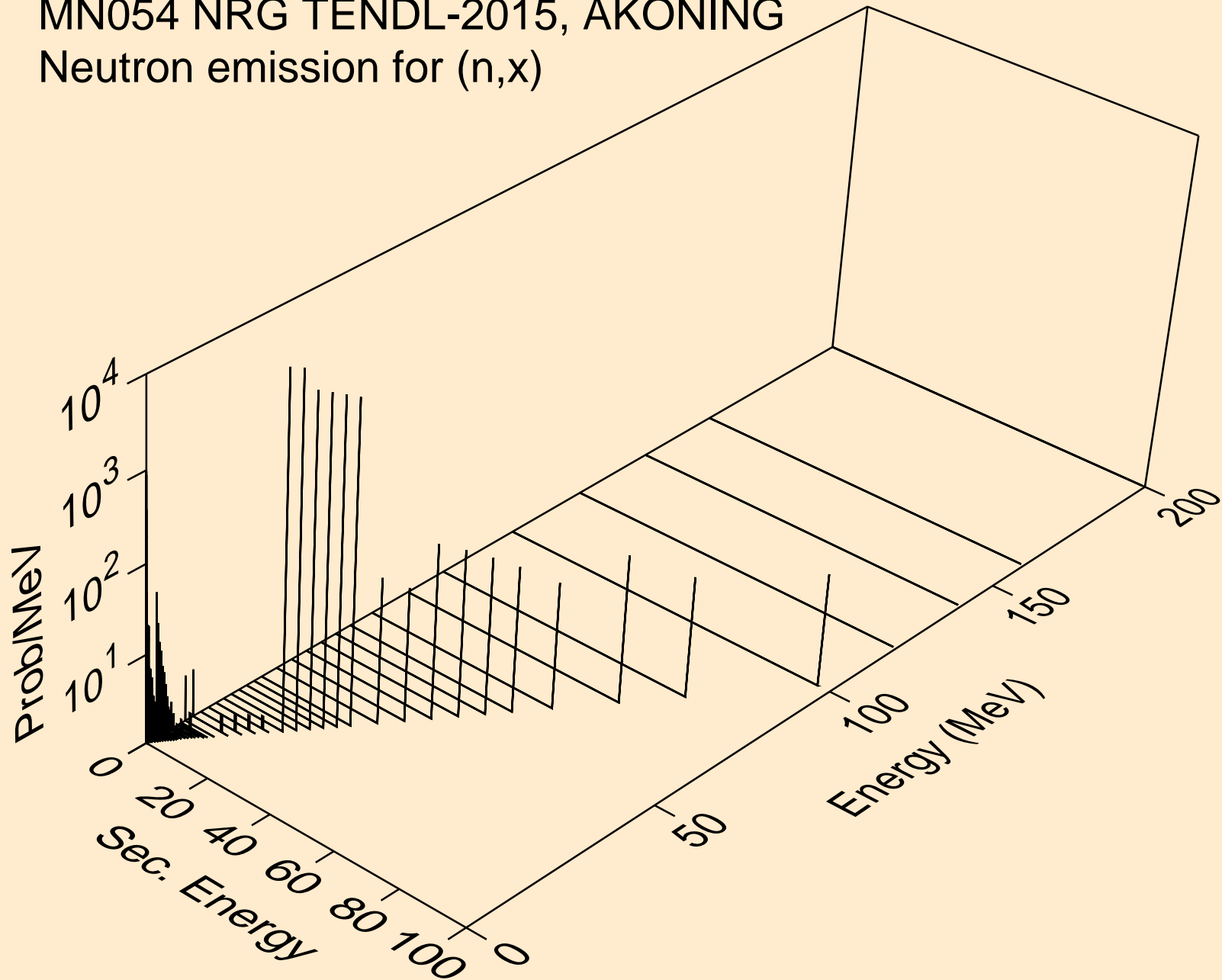
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



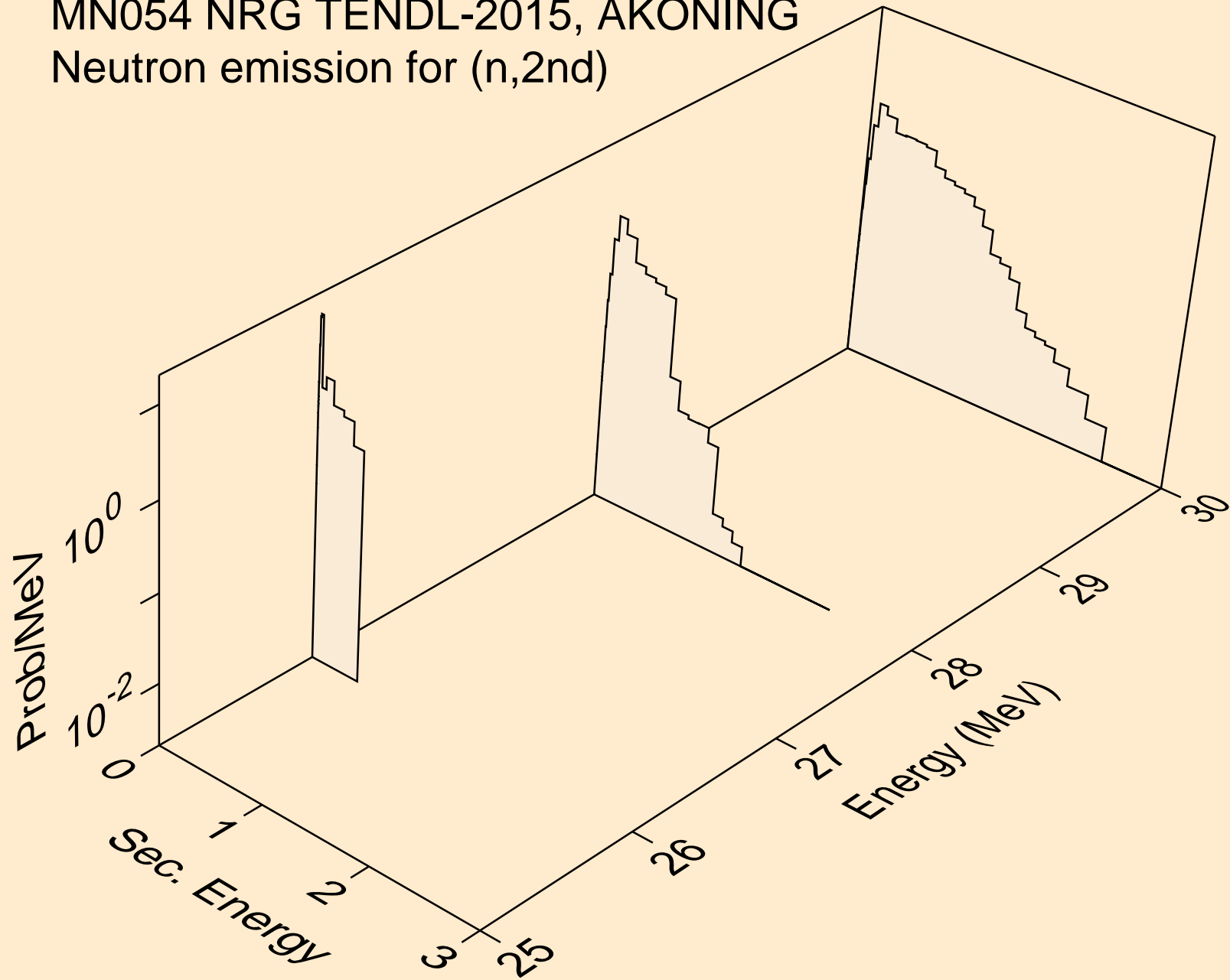
MN054 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



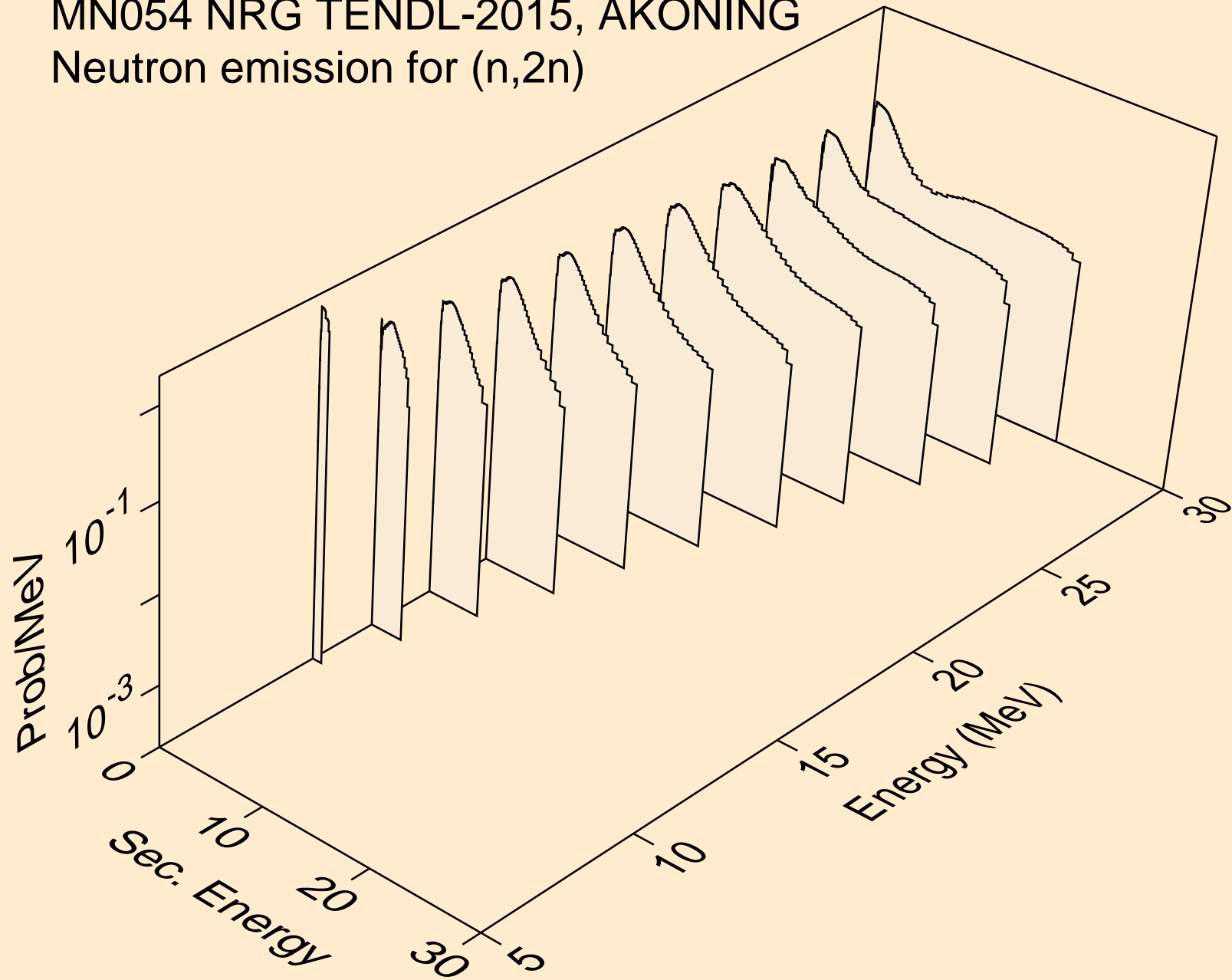
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

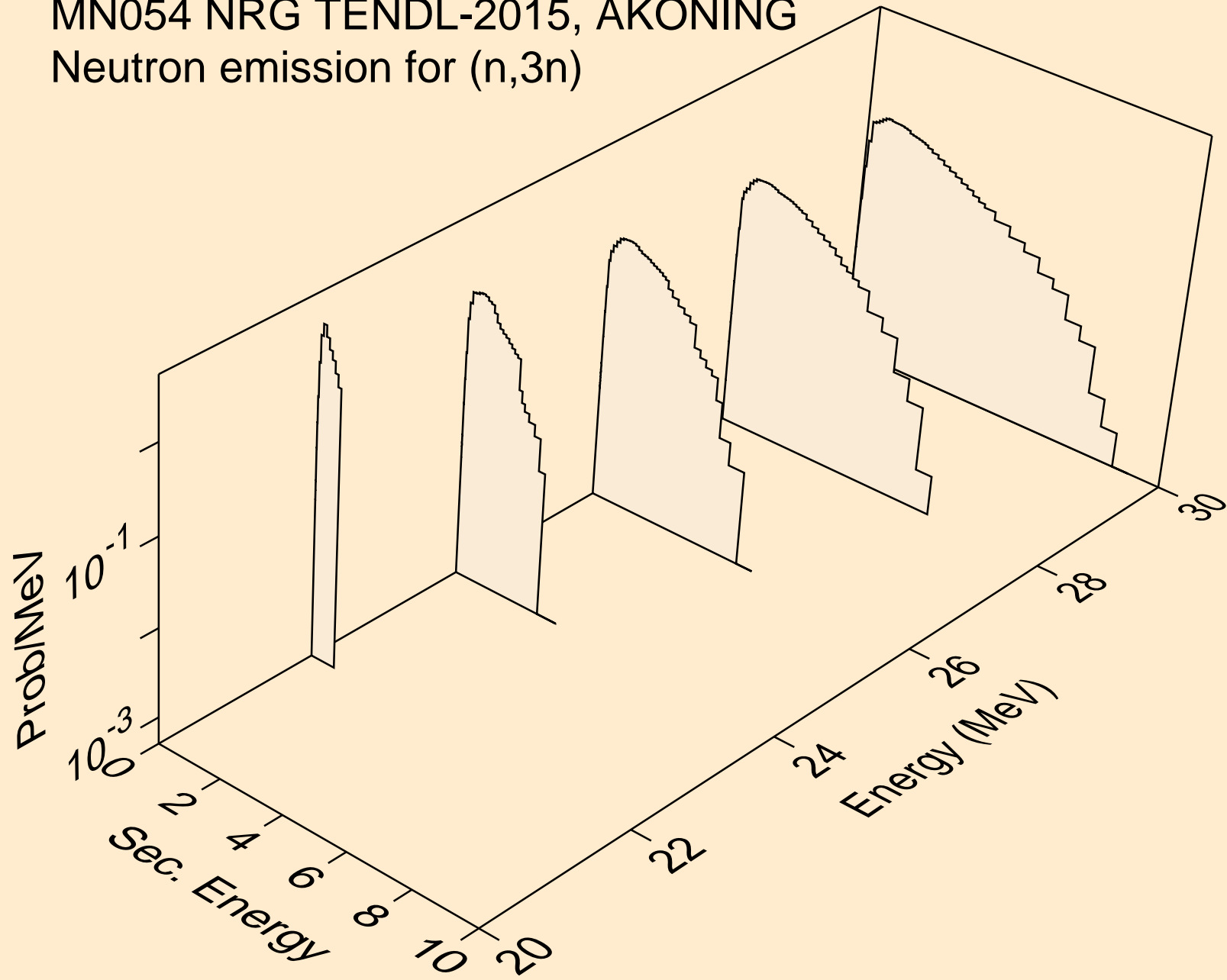


MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

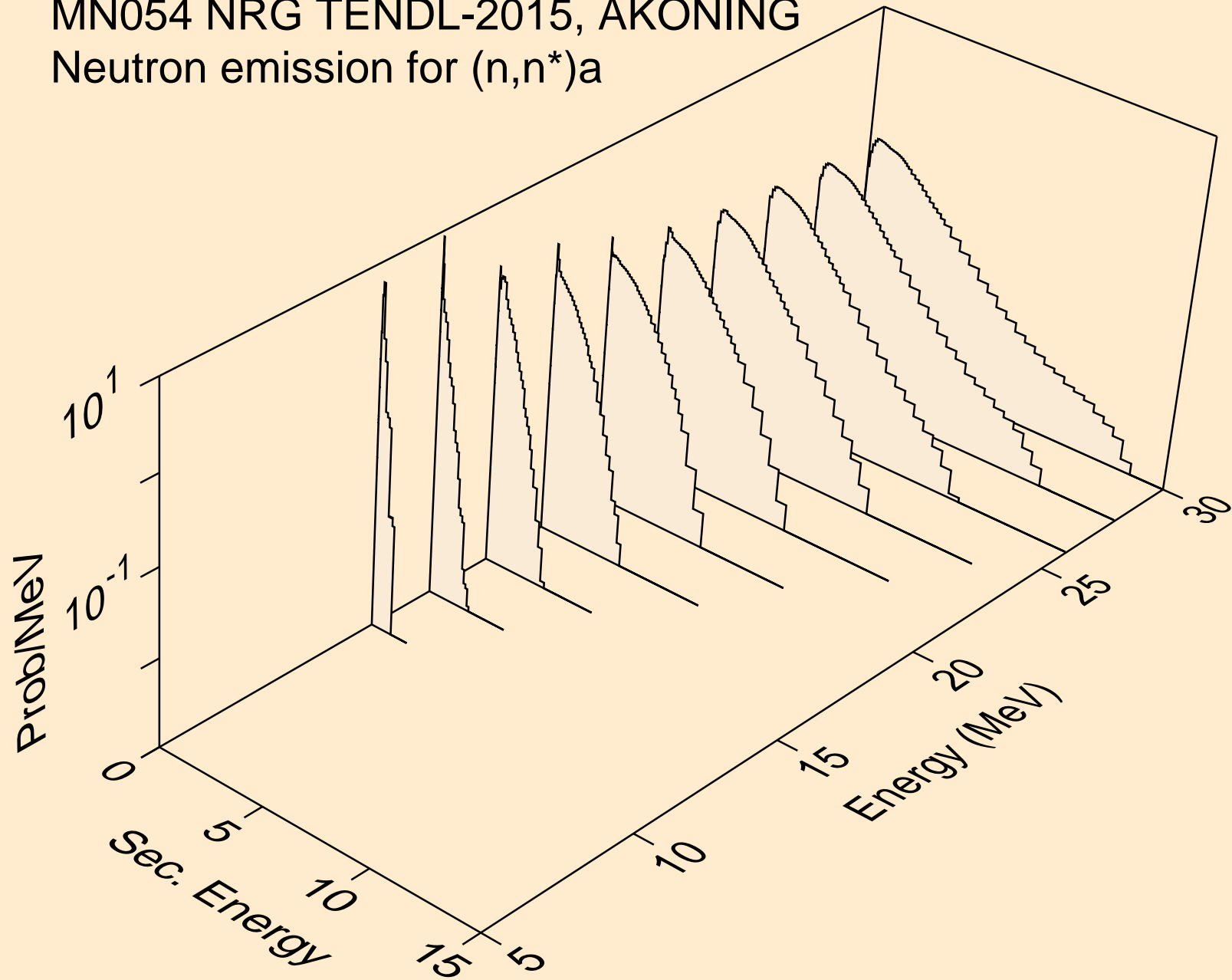




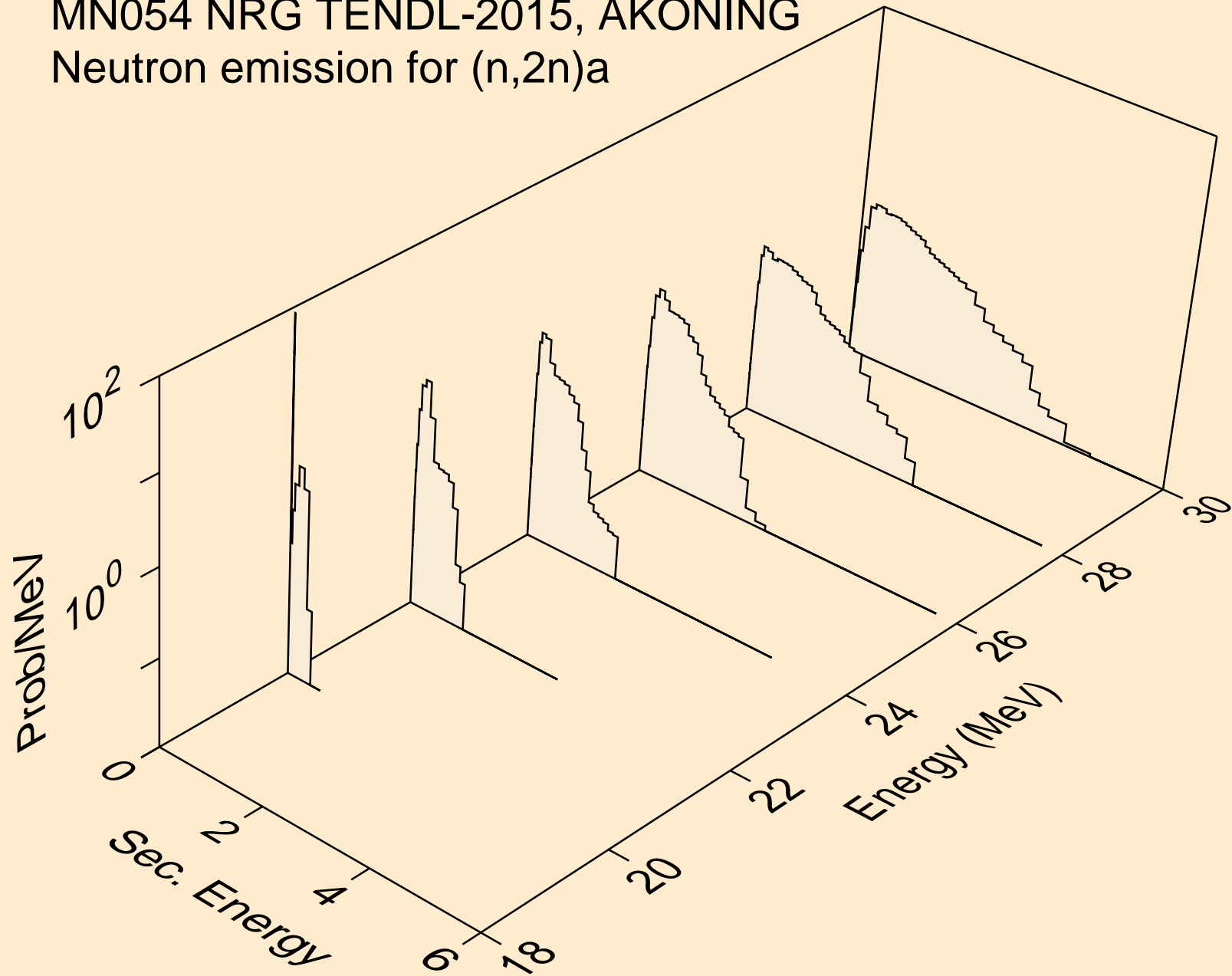
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



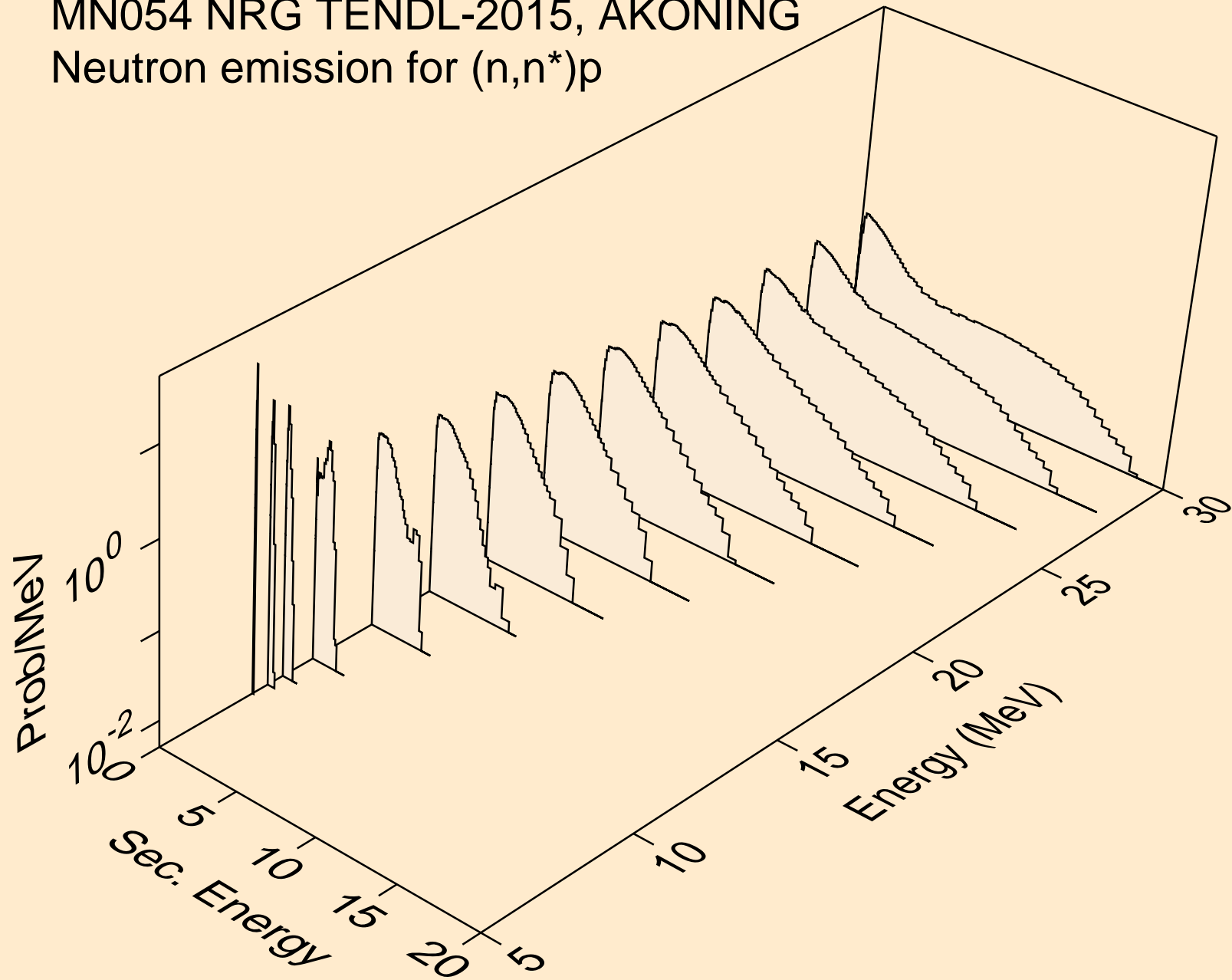
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



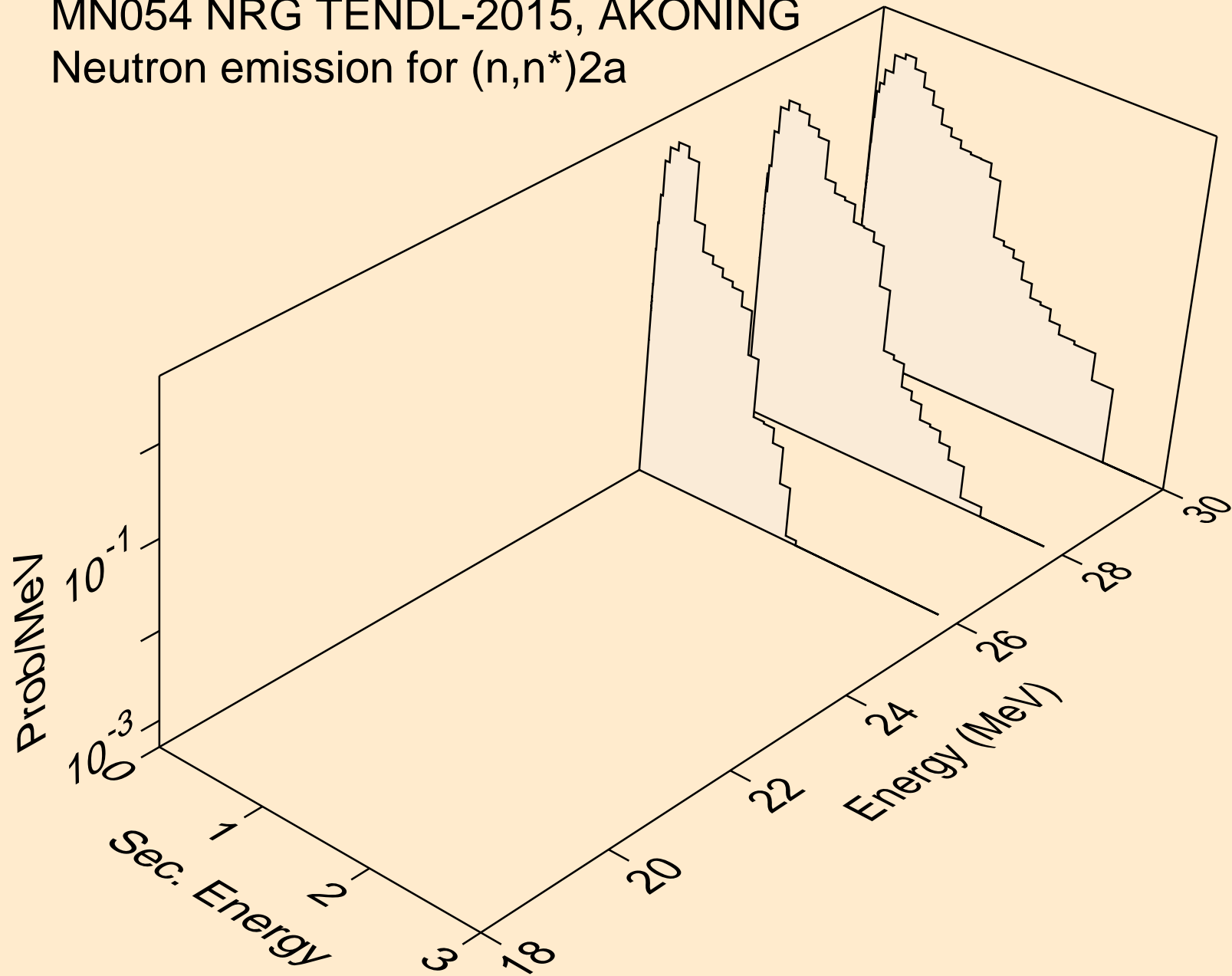
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



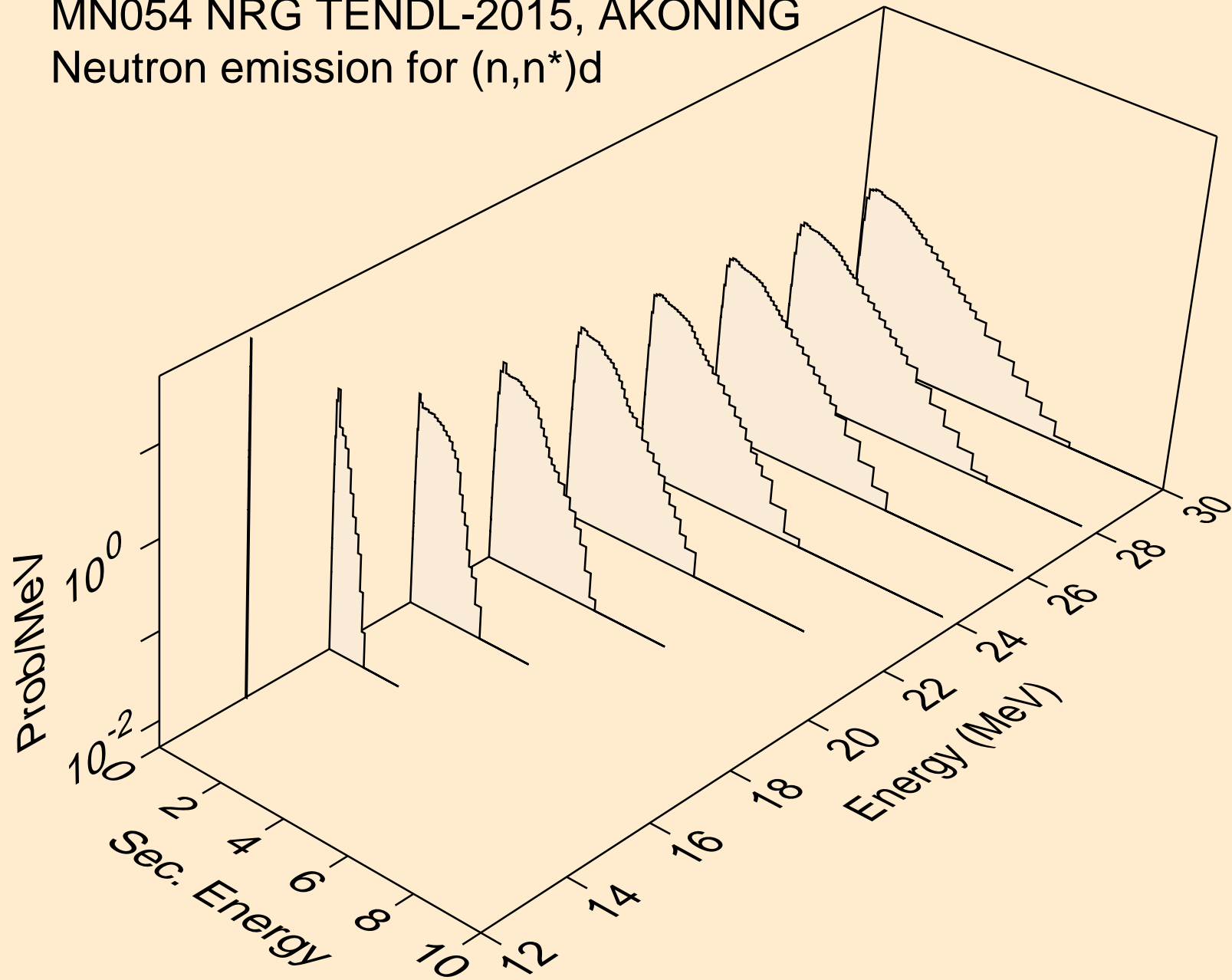
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



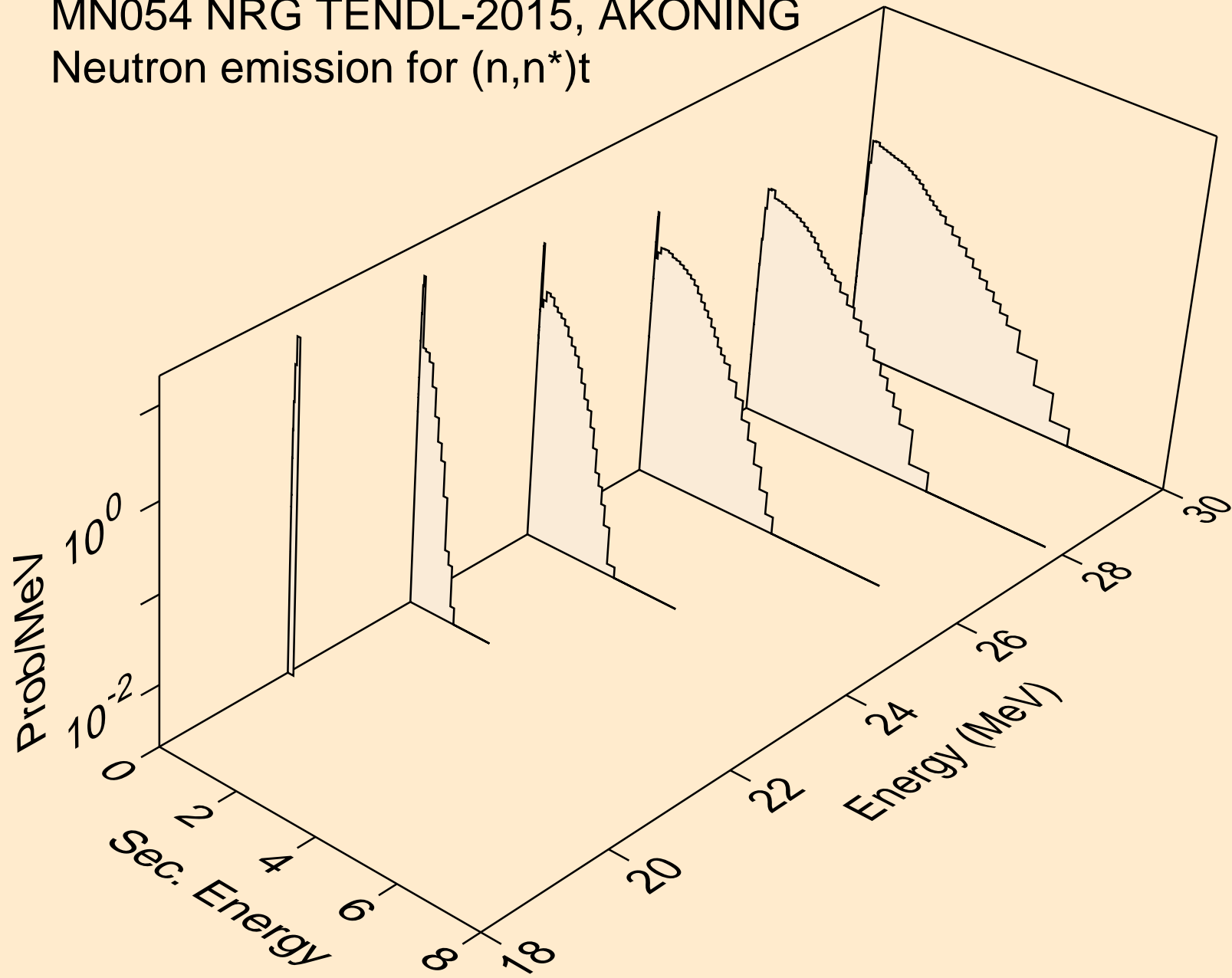
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



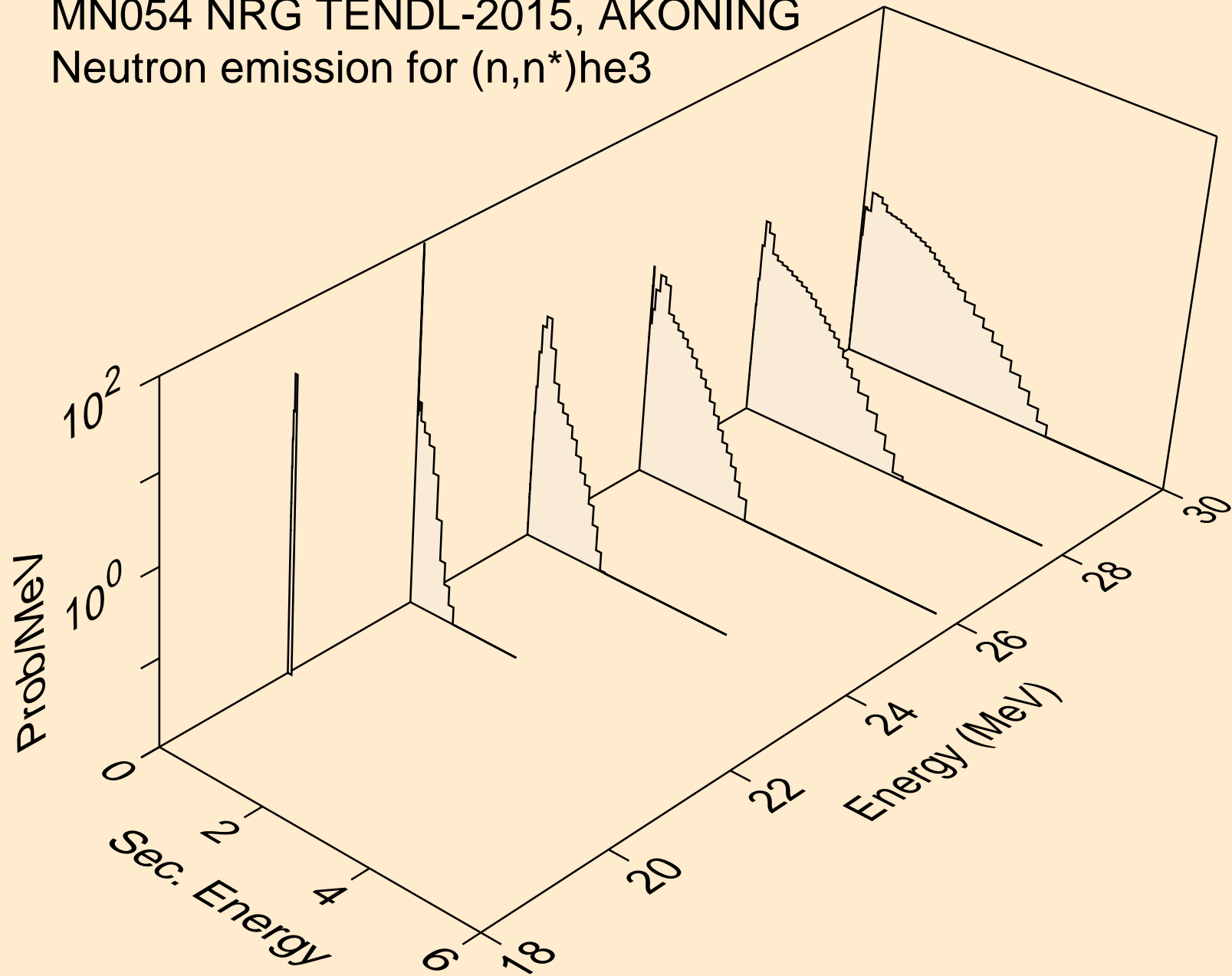
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

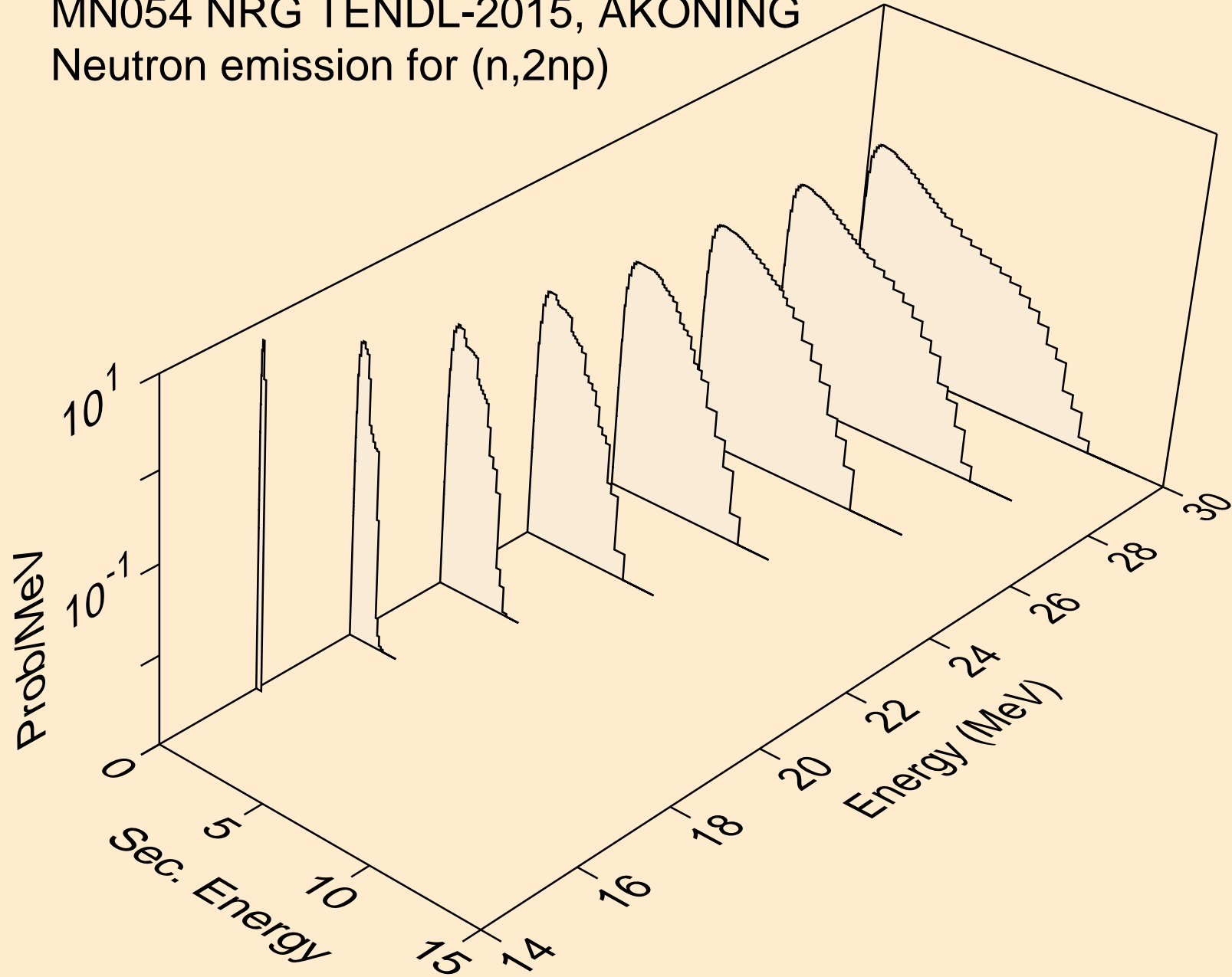


MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

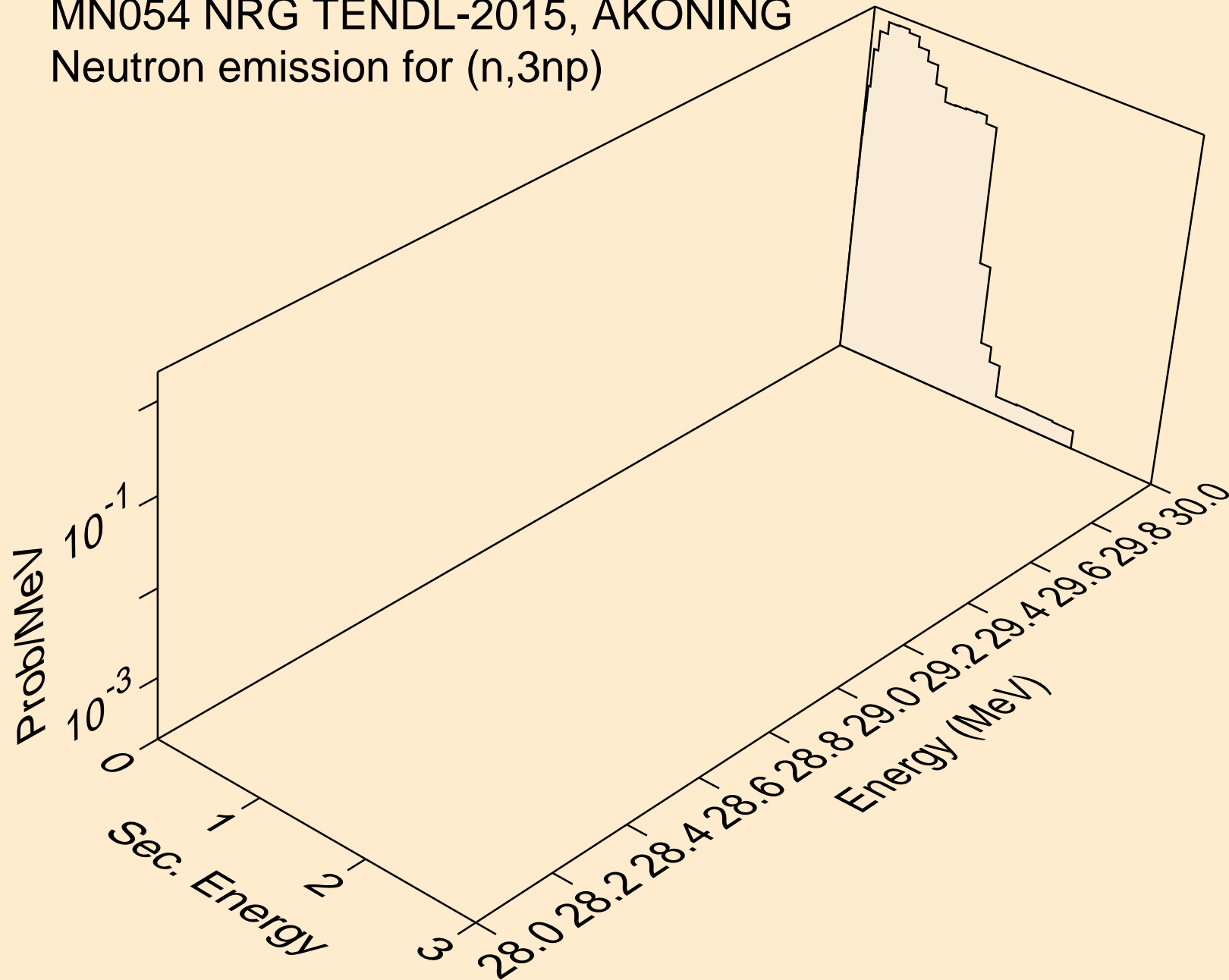




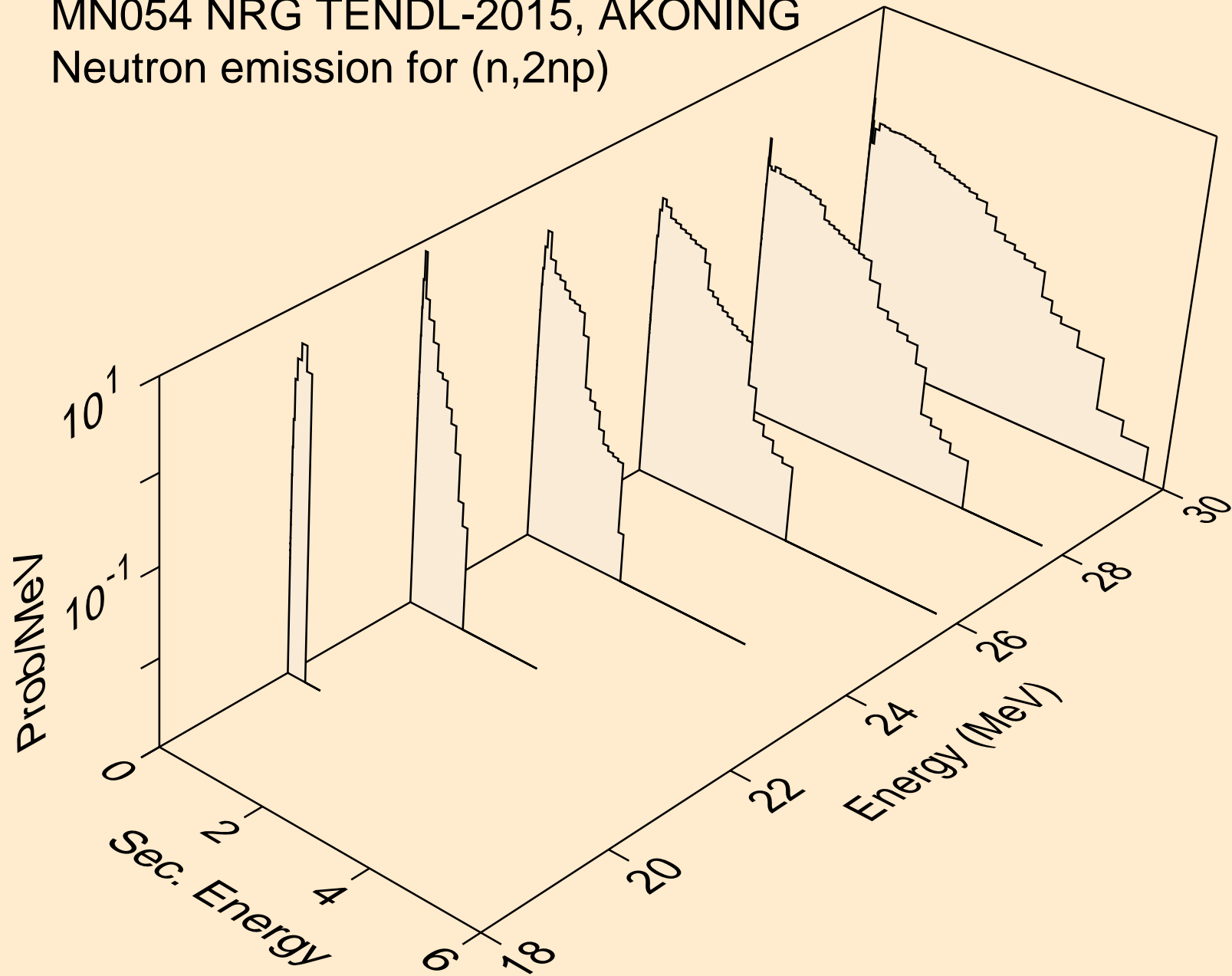
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



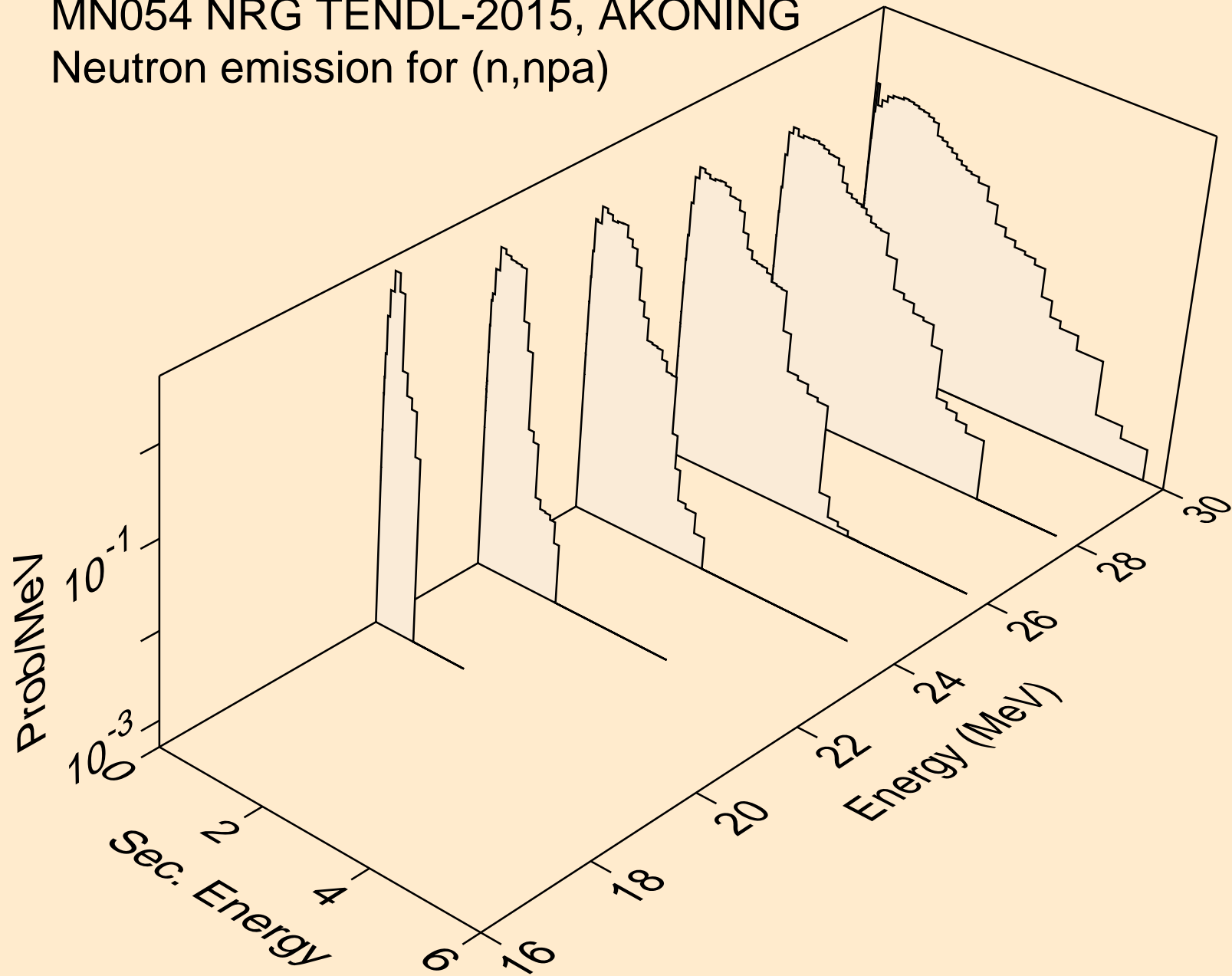
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



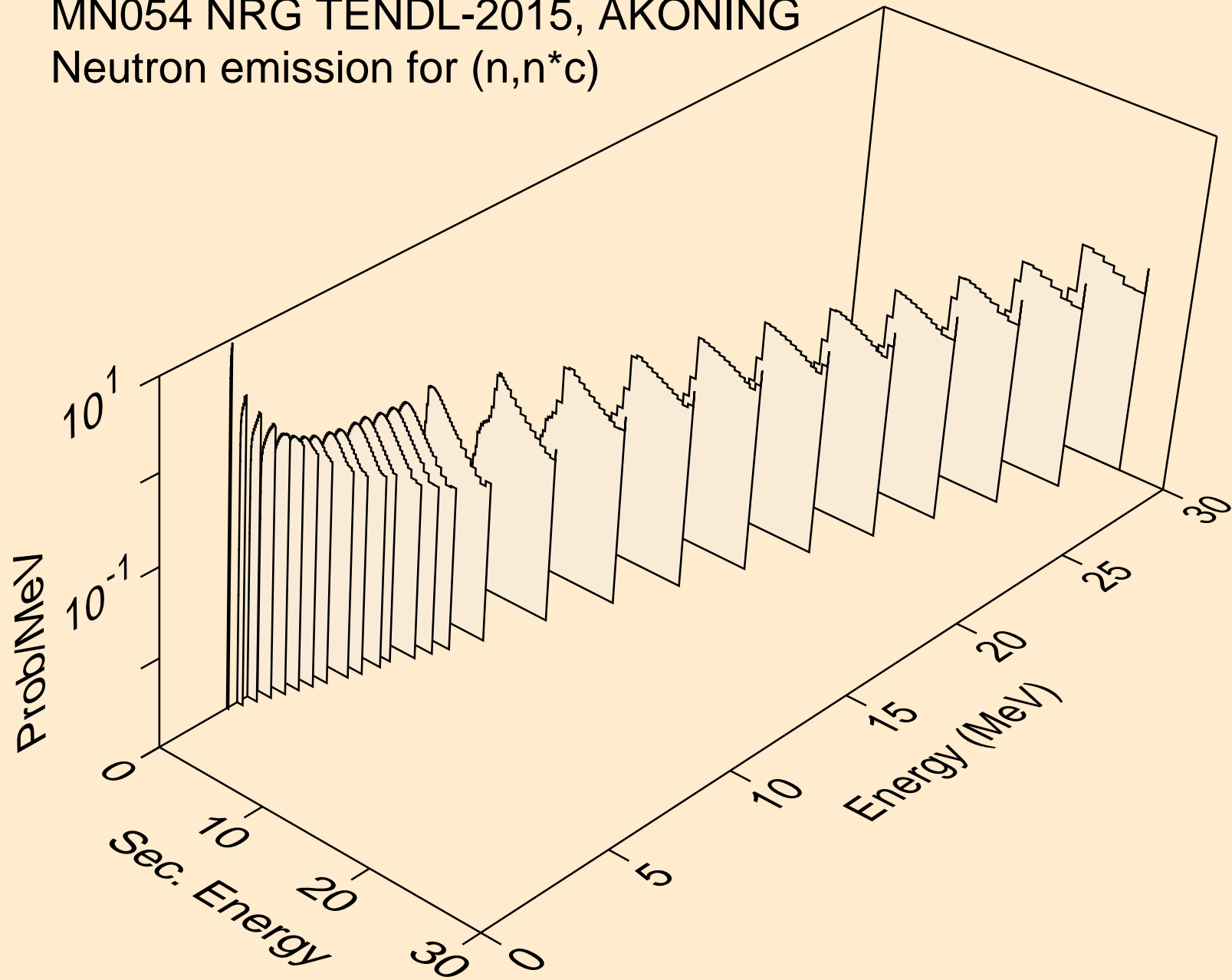
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



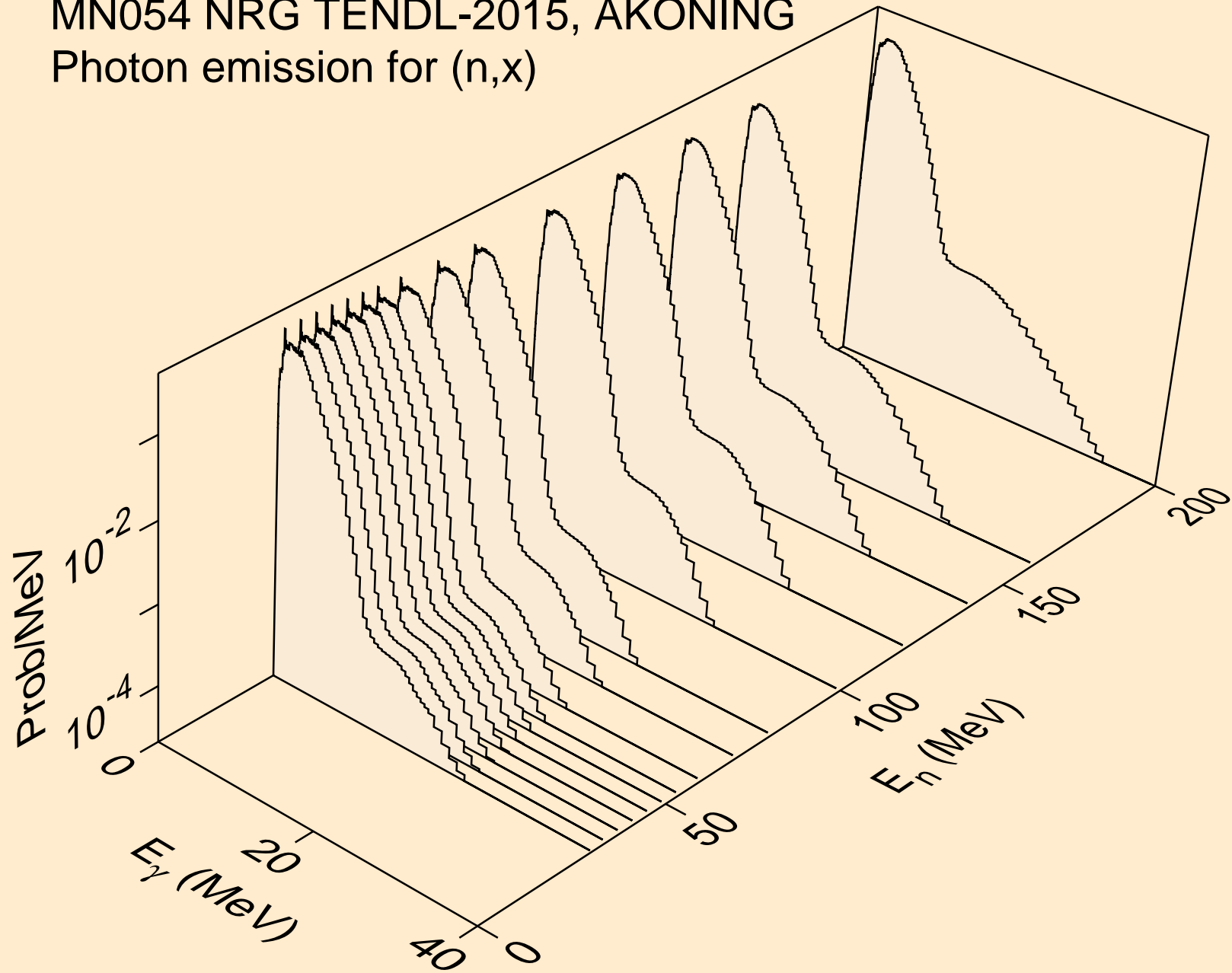
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



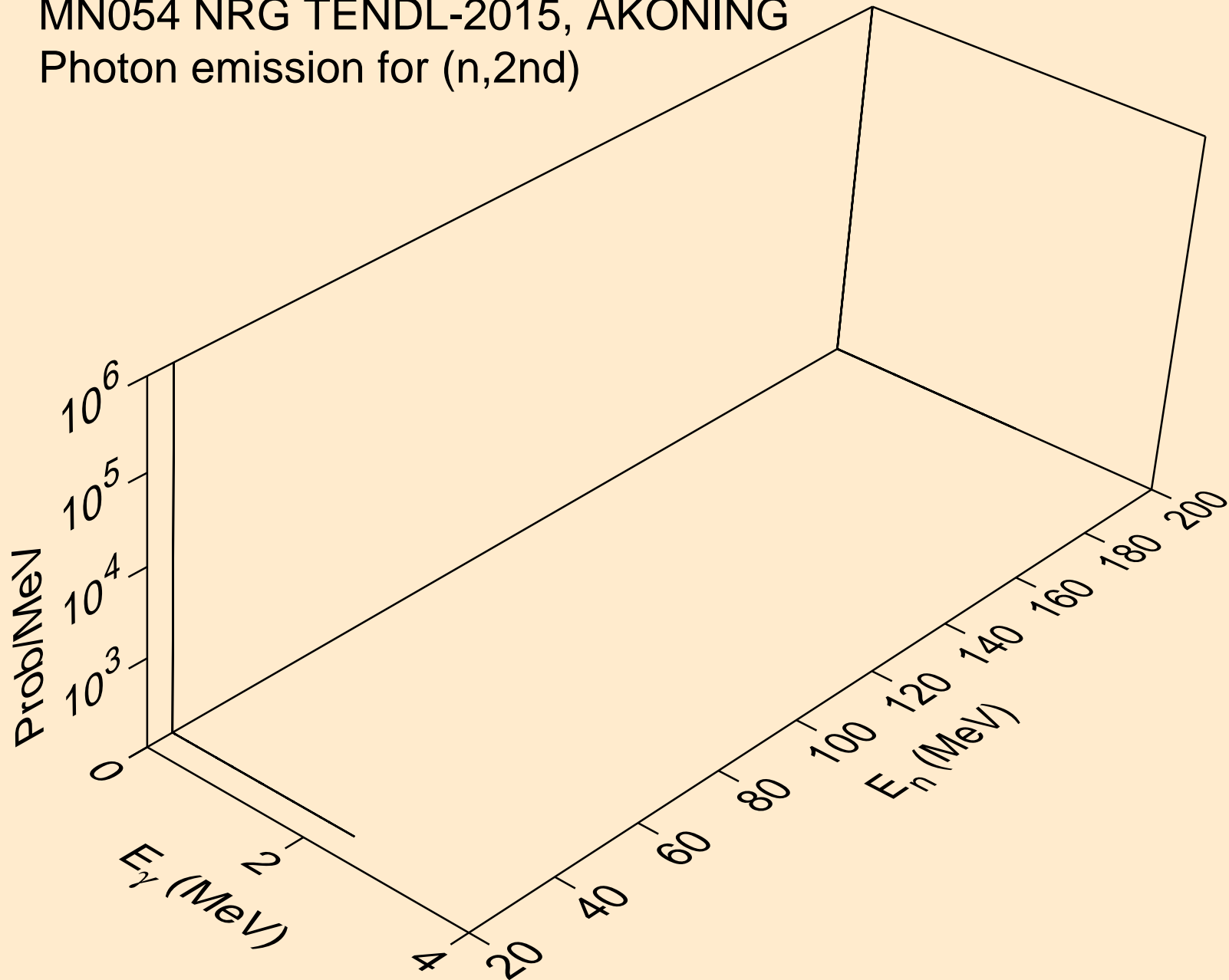
MN054 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



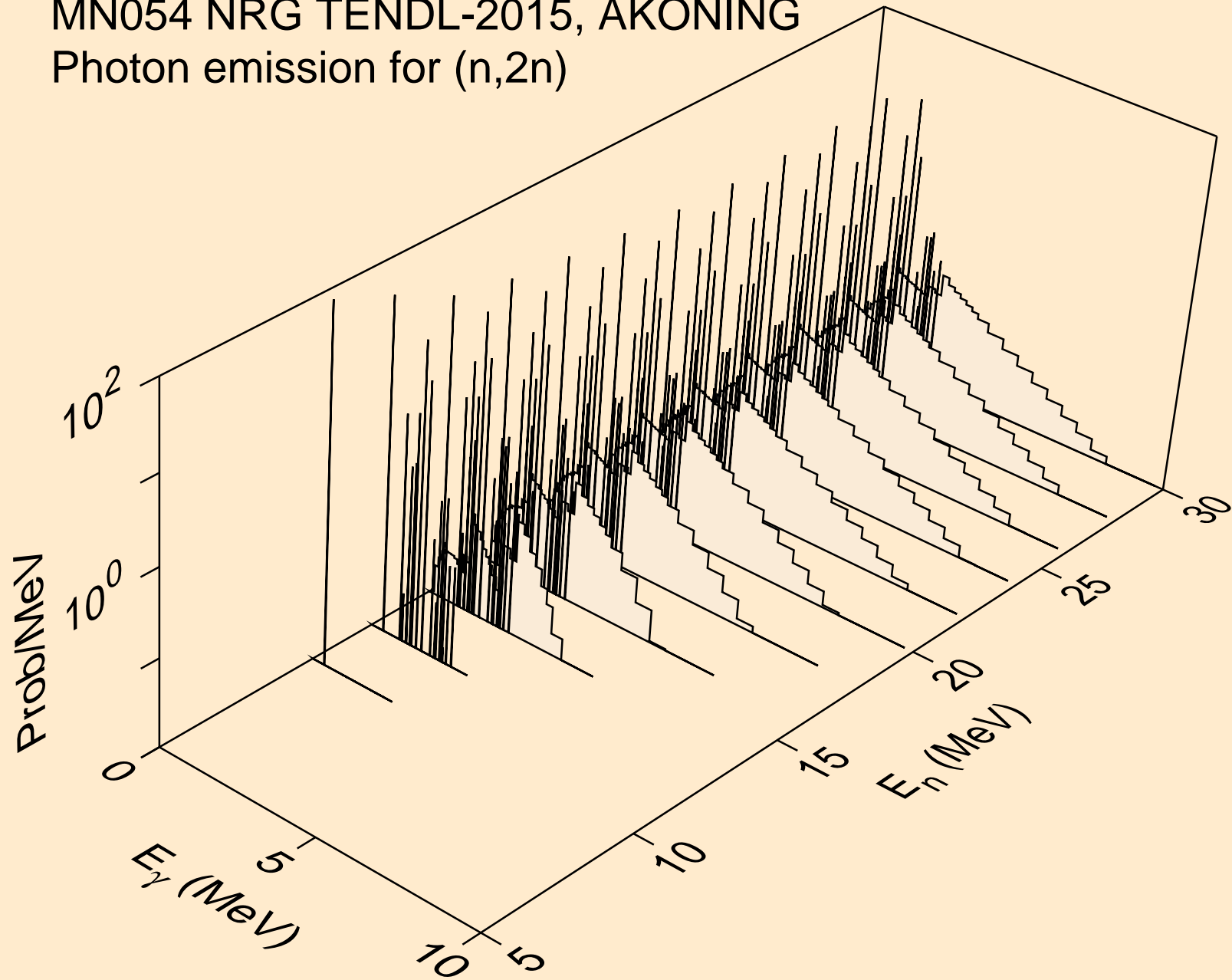
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

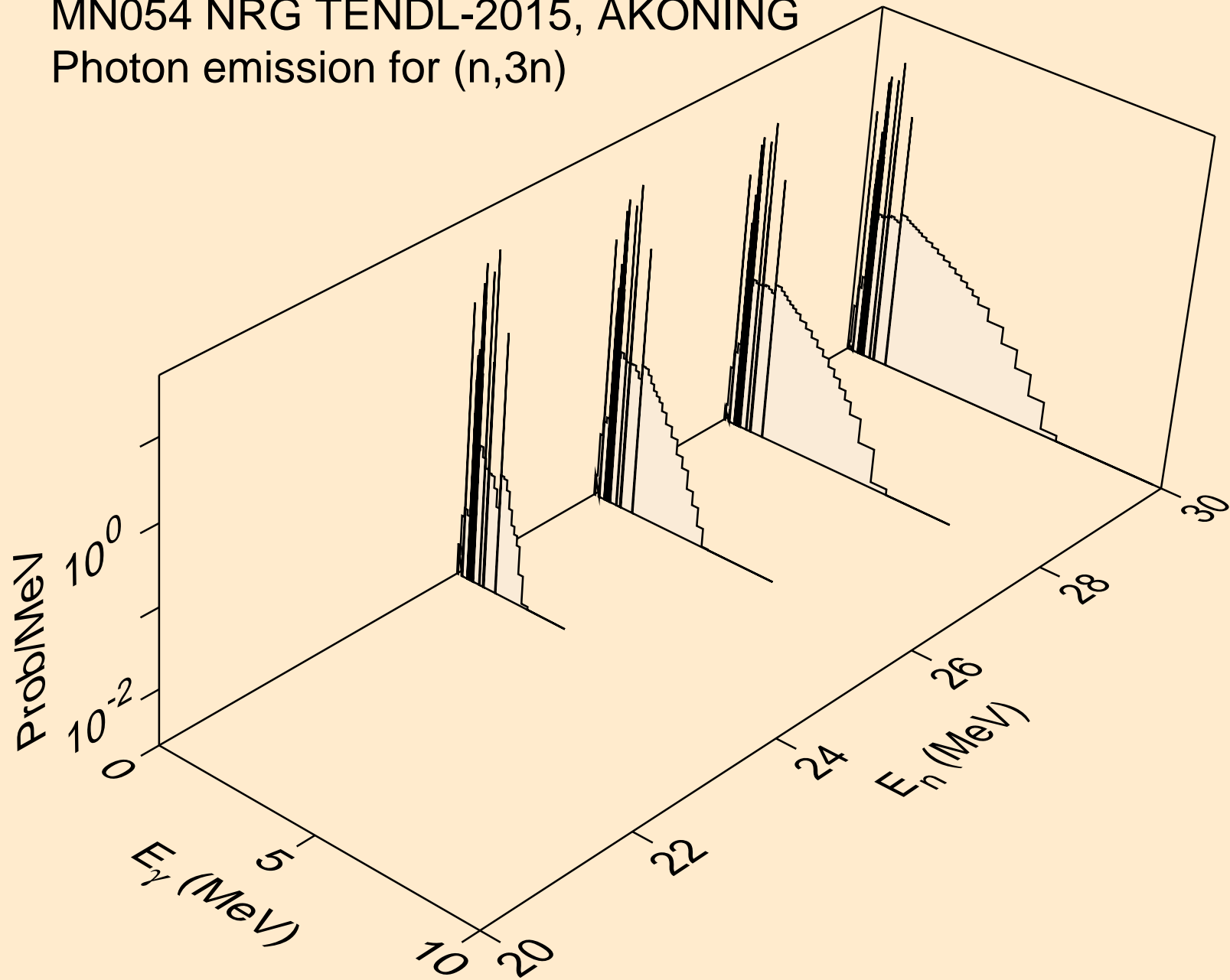


MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

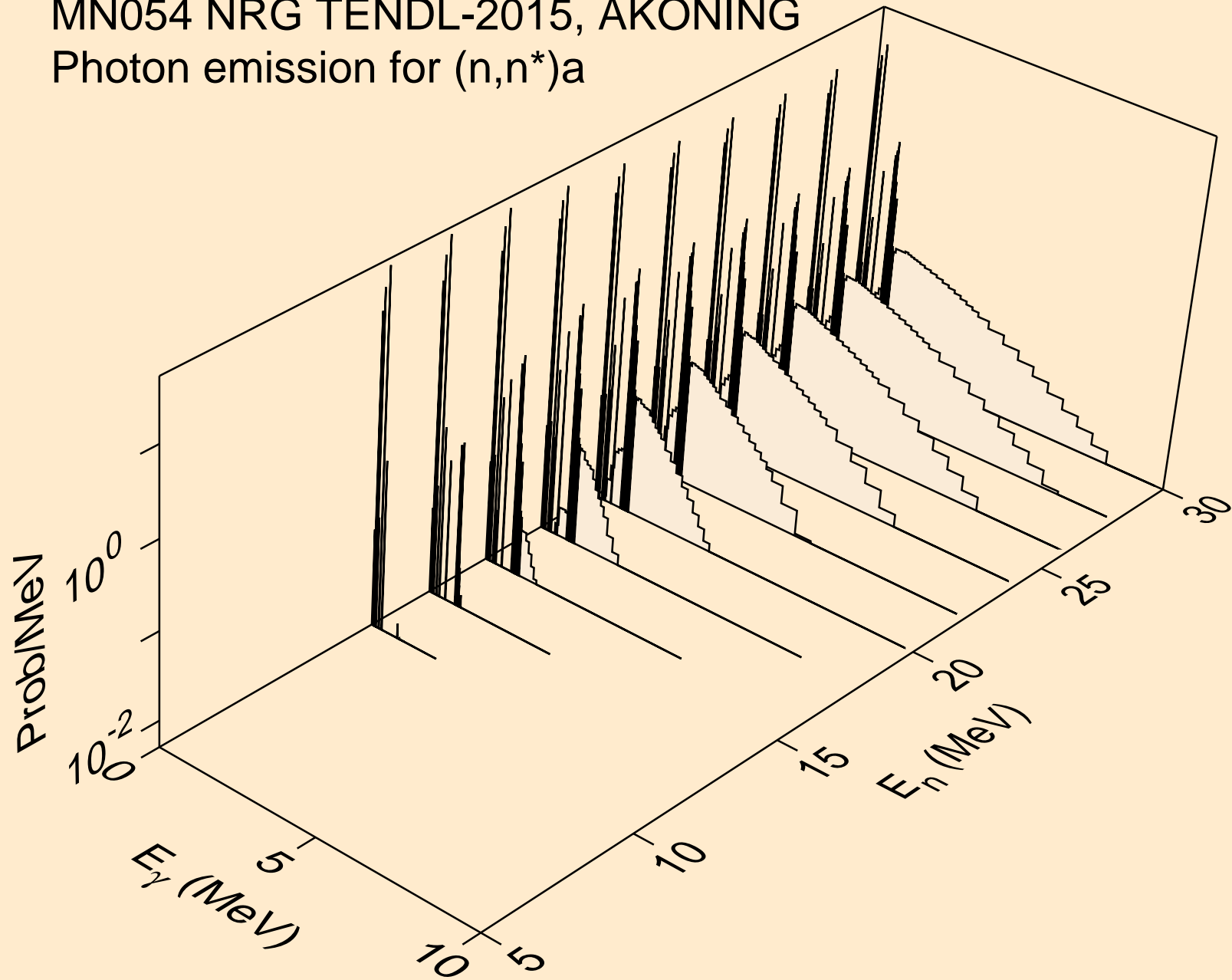




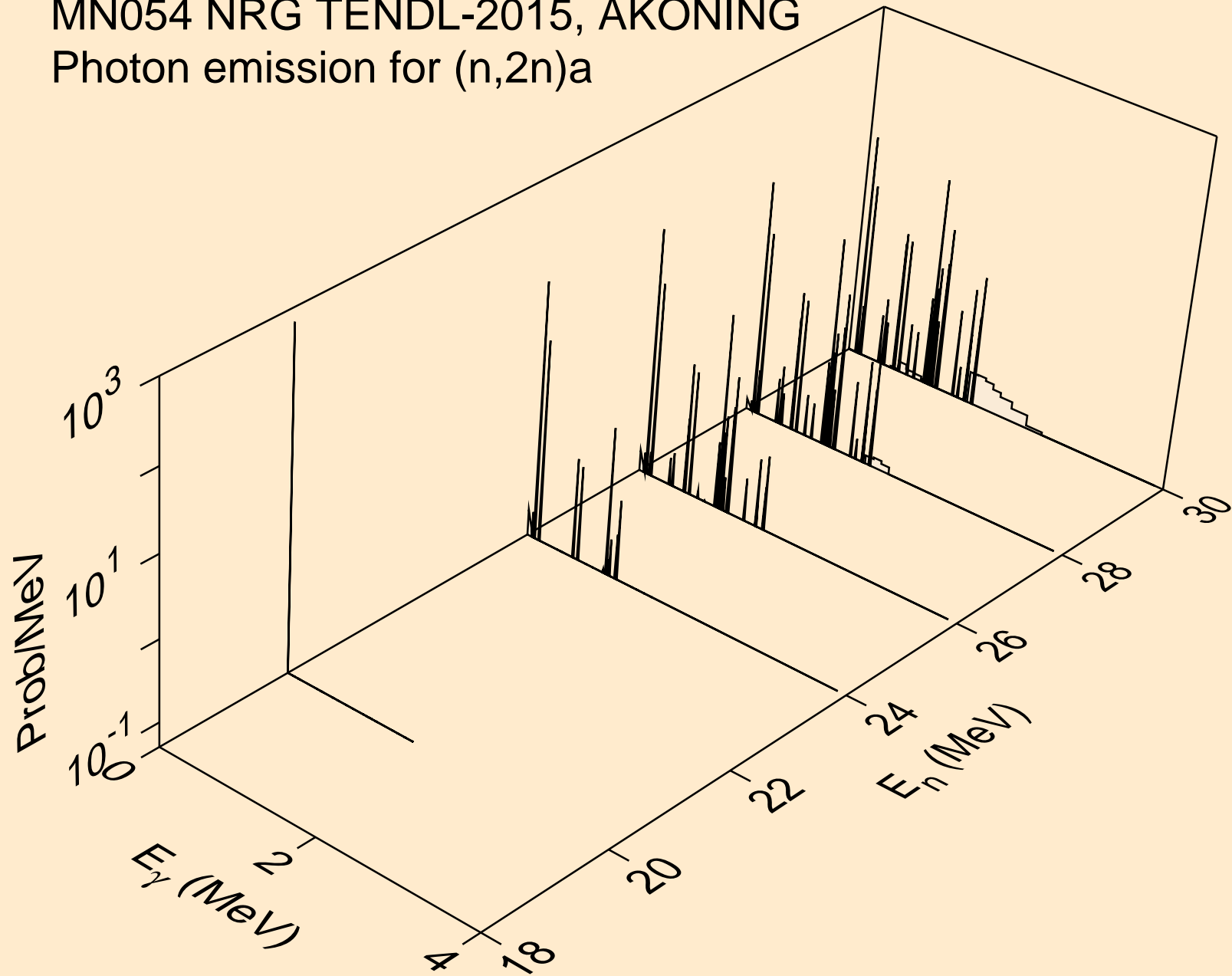
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



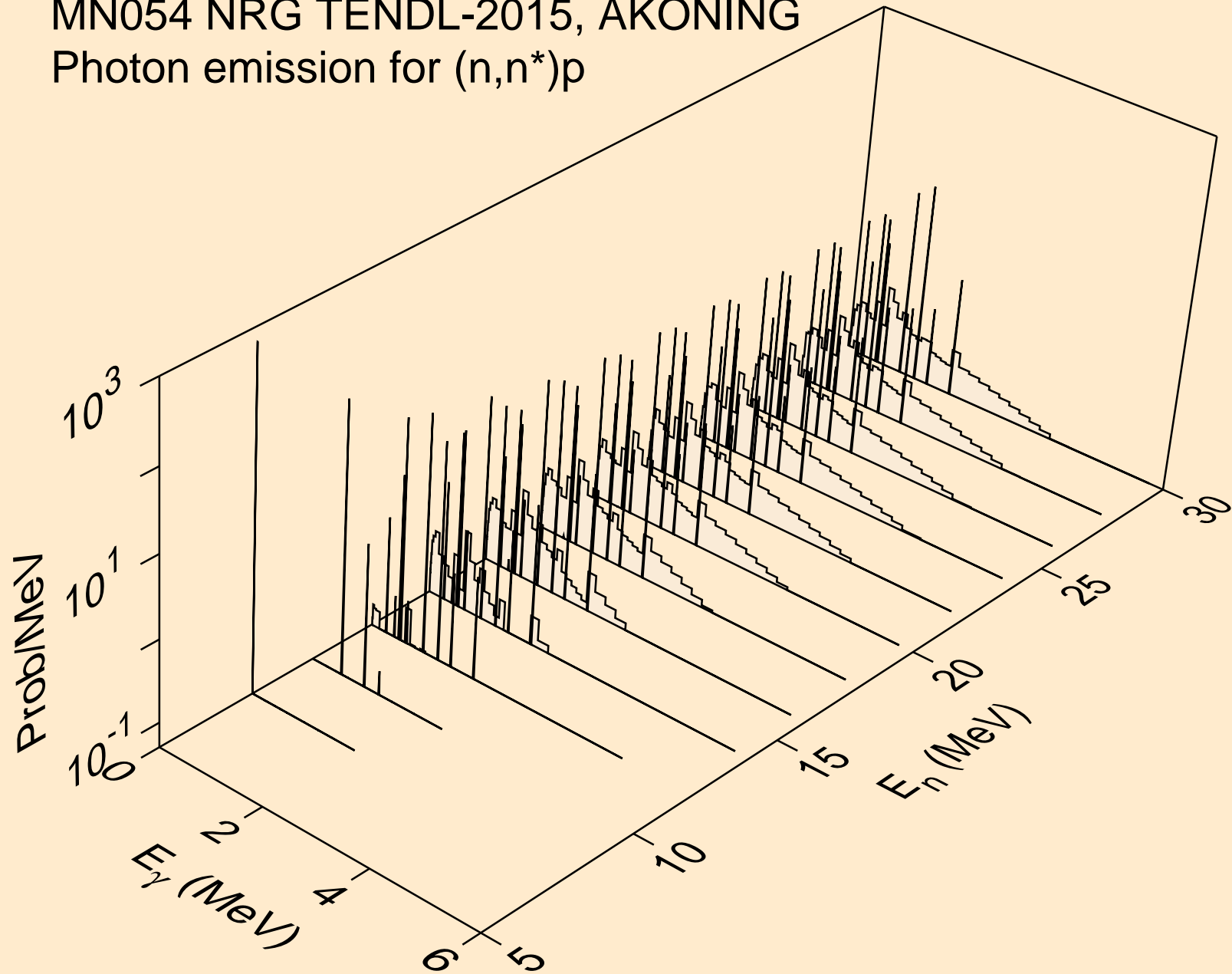
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



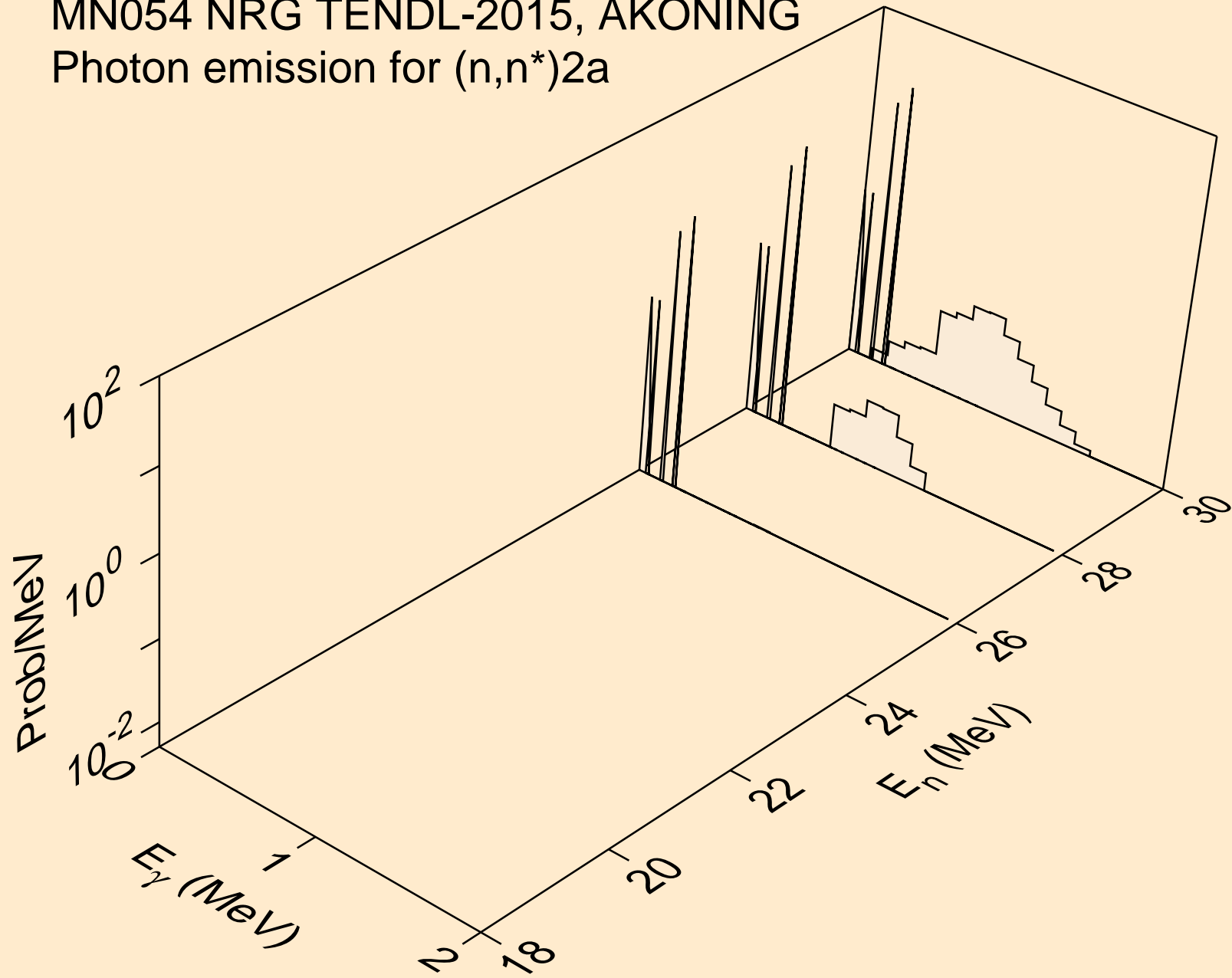
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



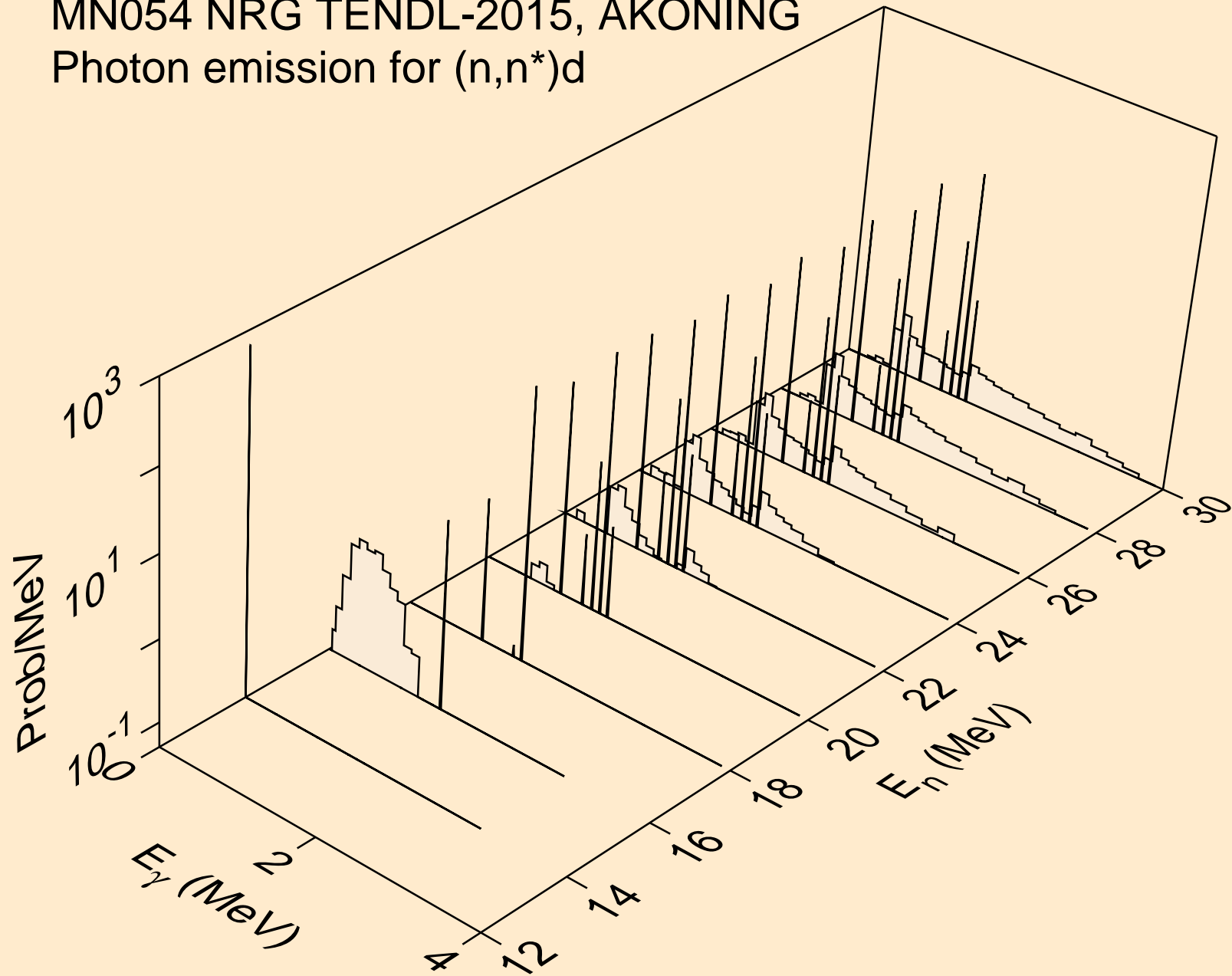
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



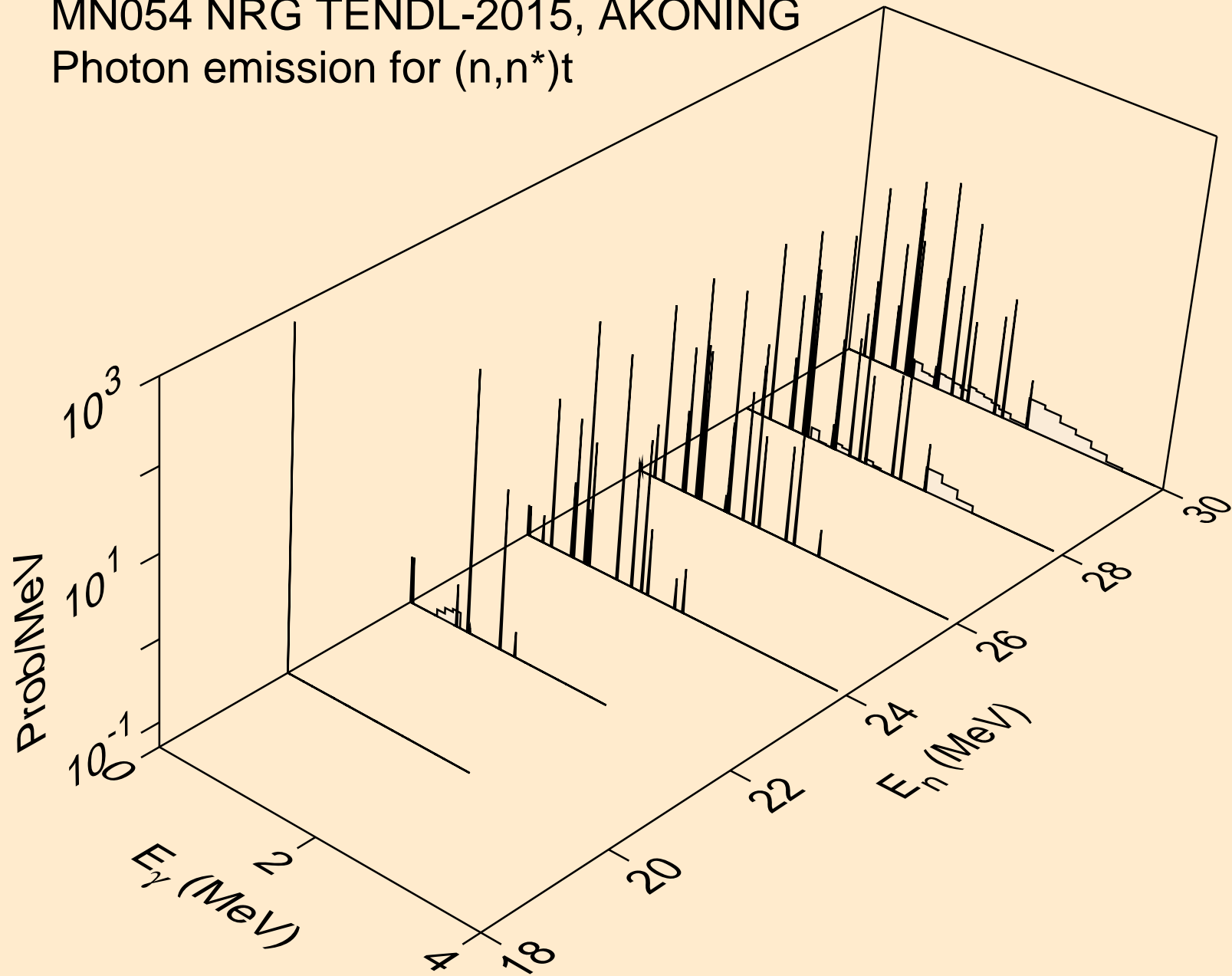
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



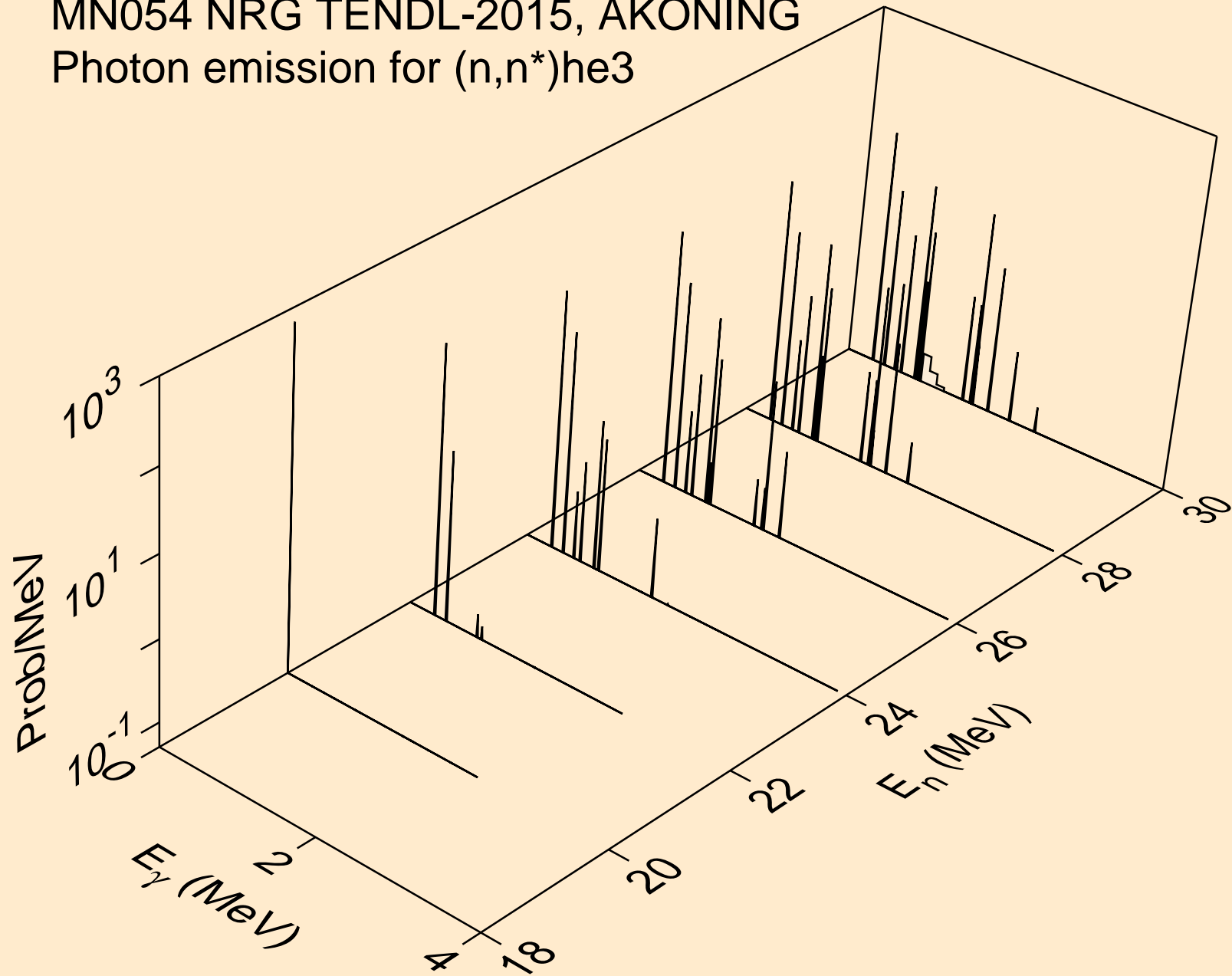
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

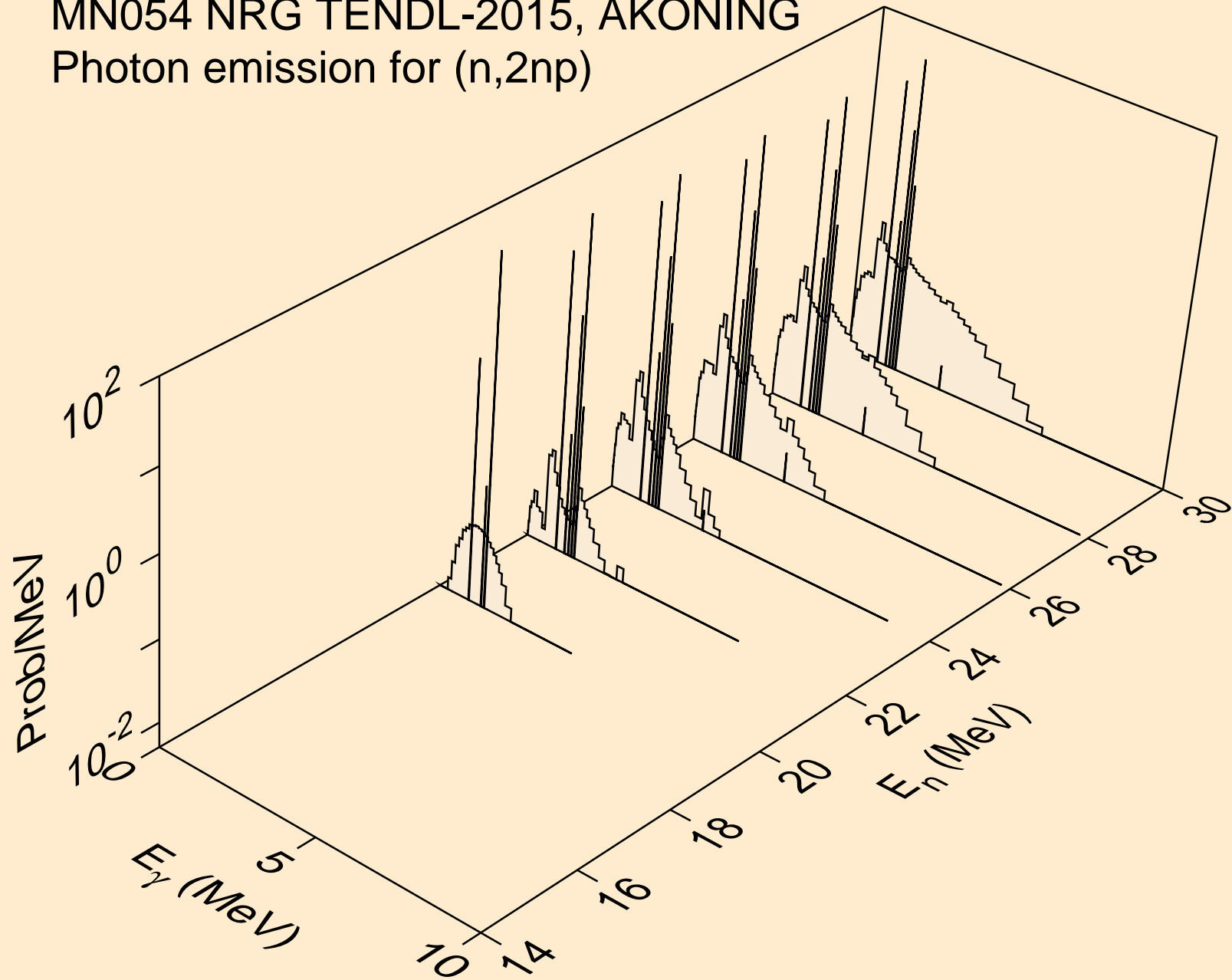


MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

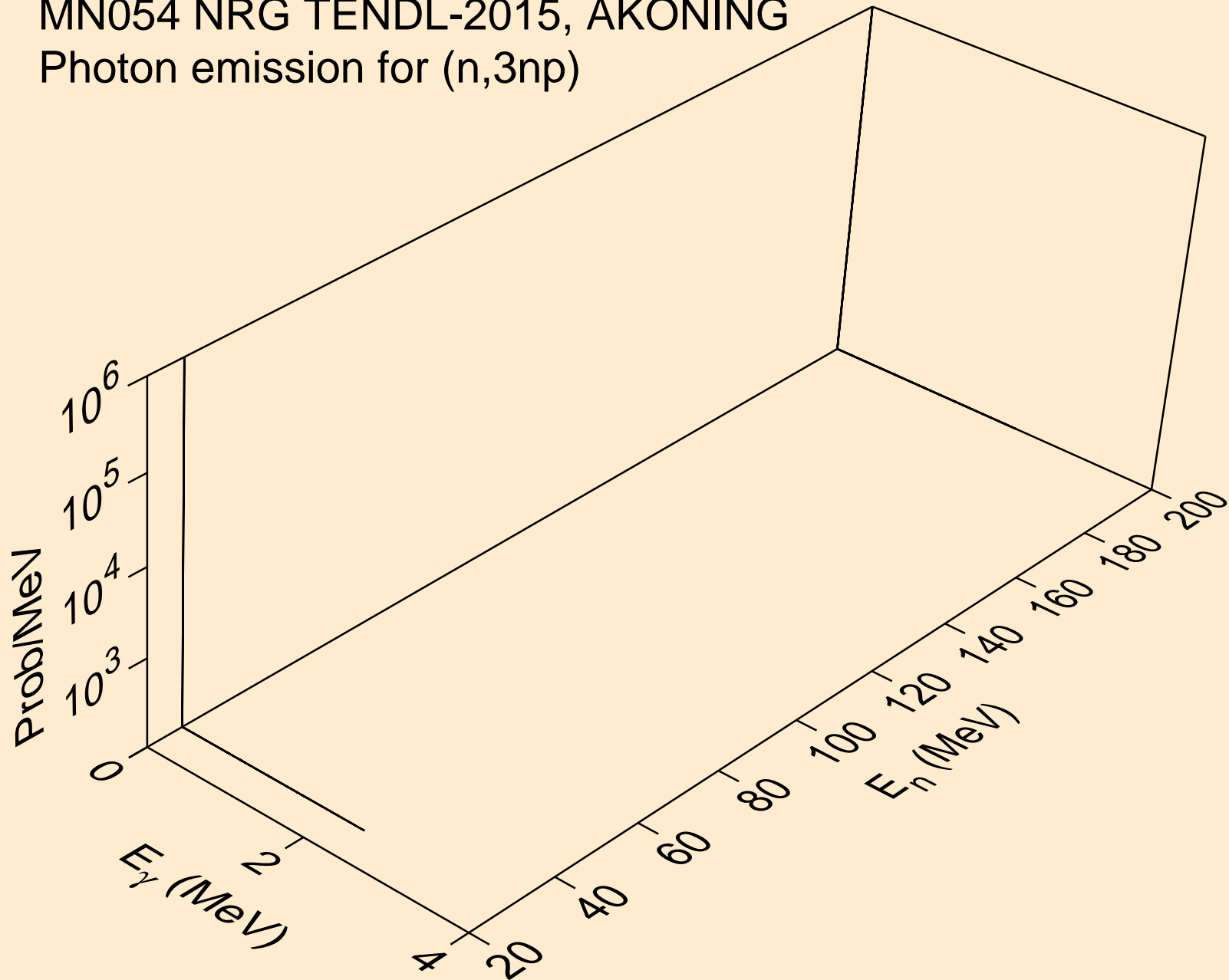




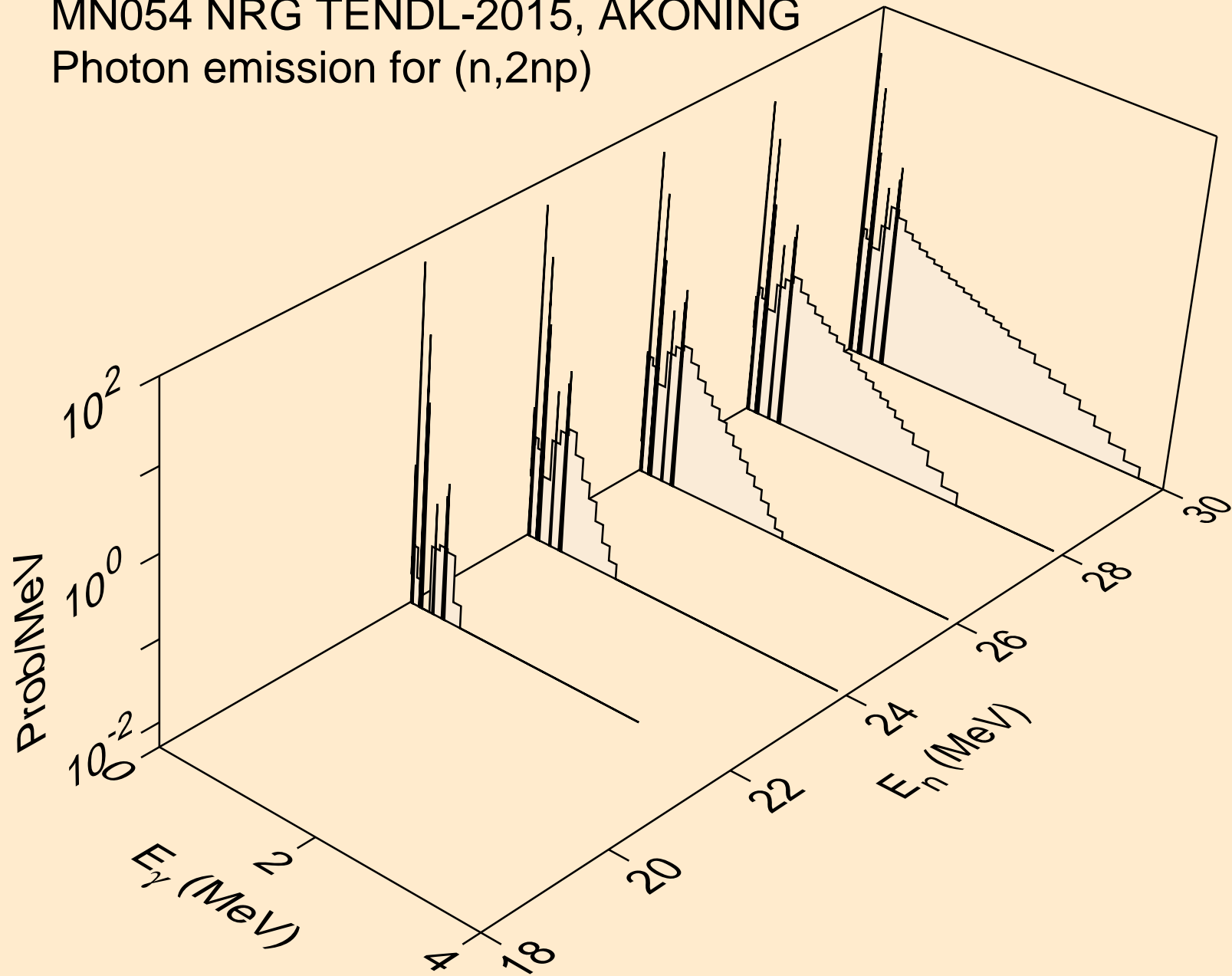
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



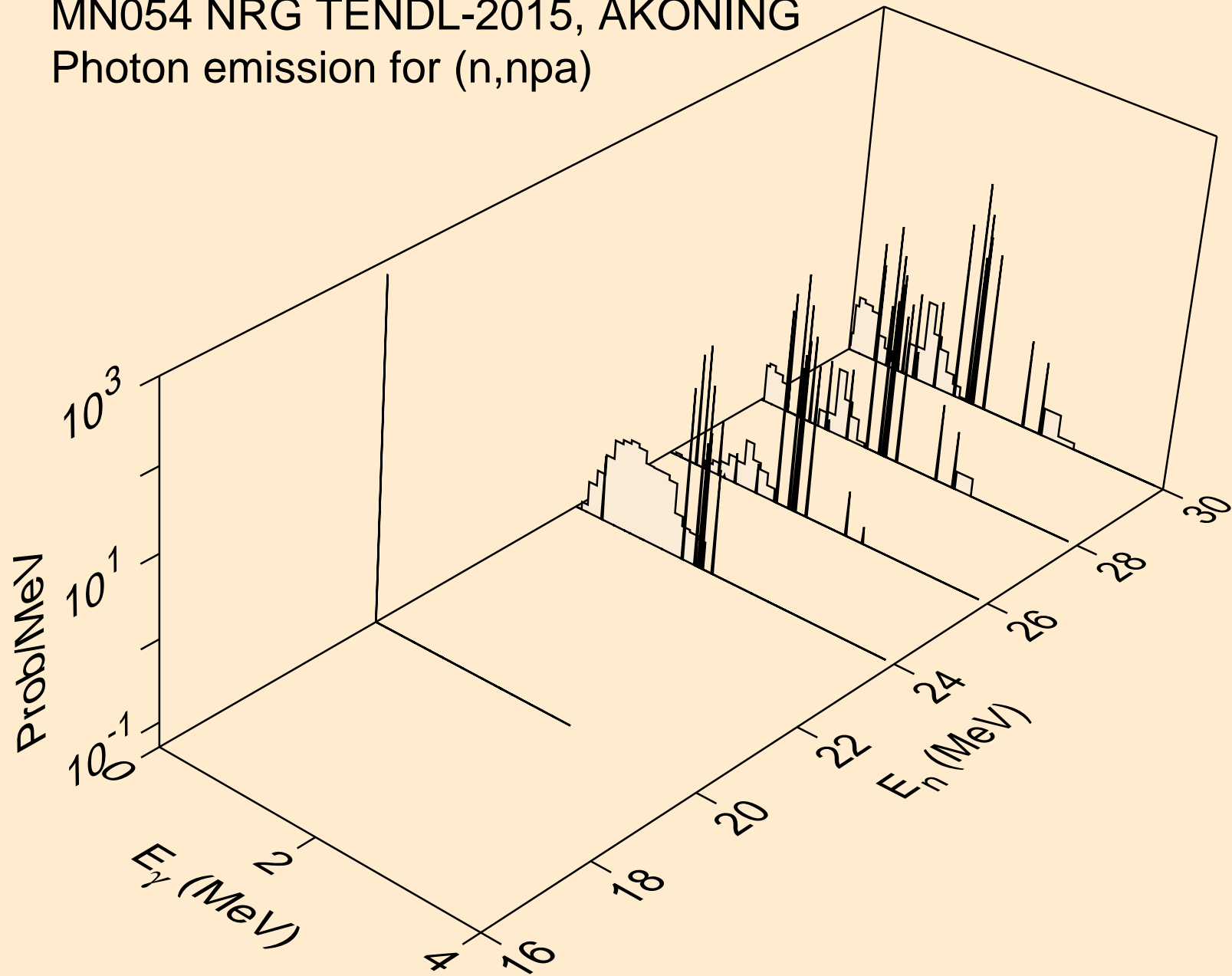
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



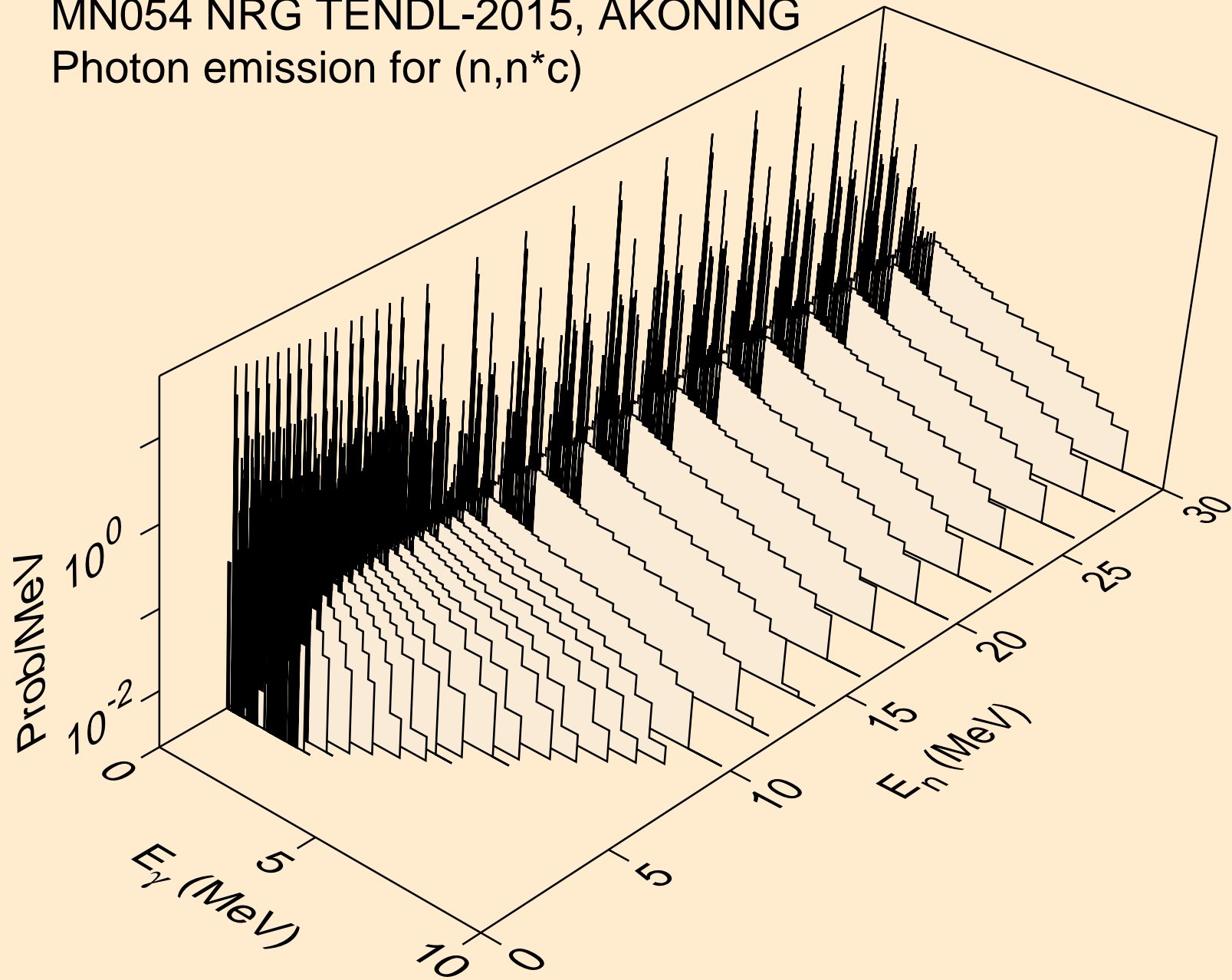
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



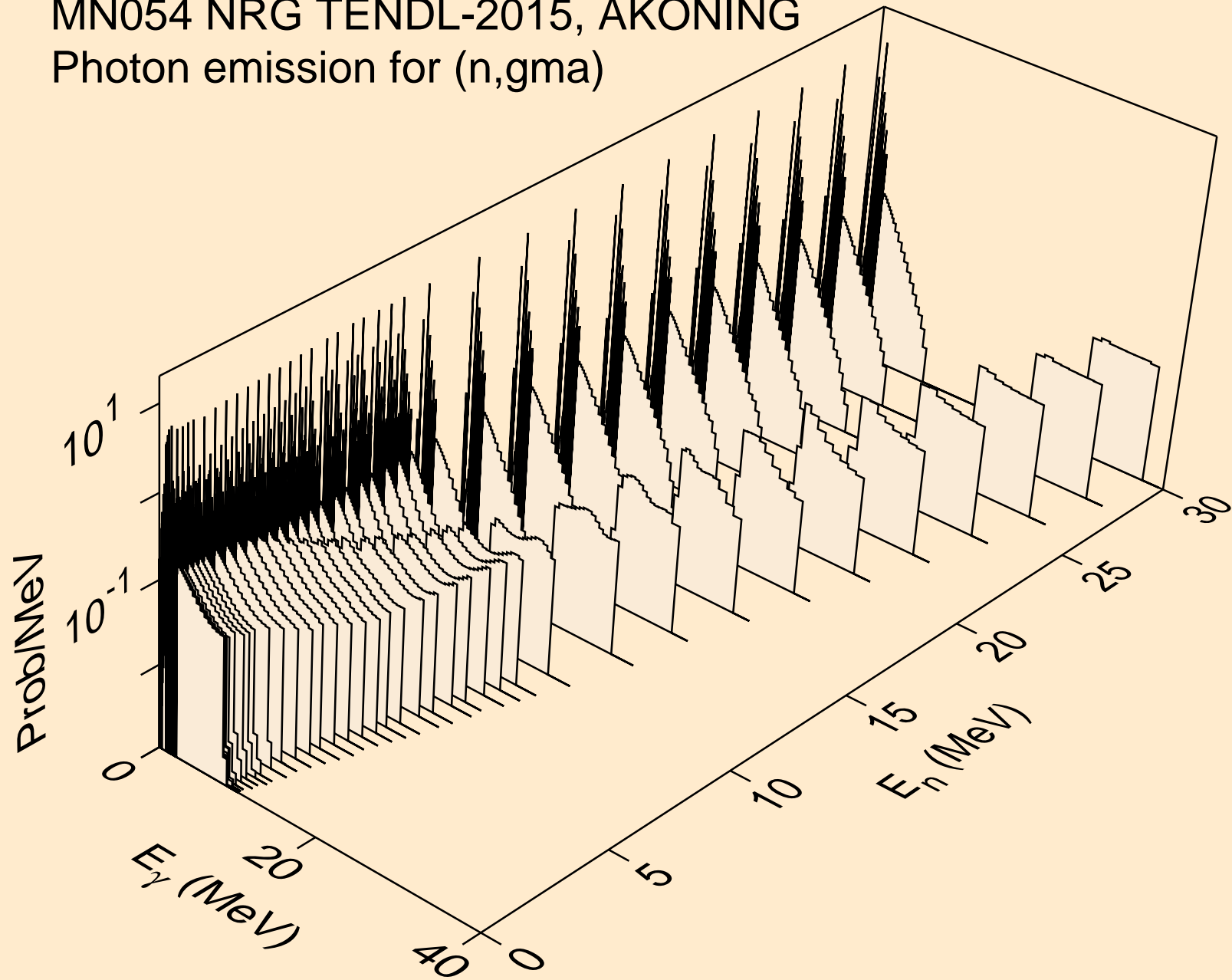
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



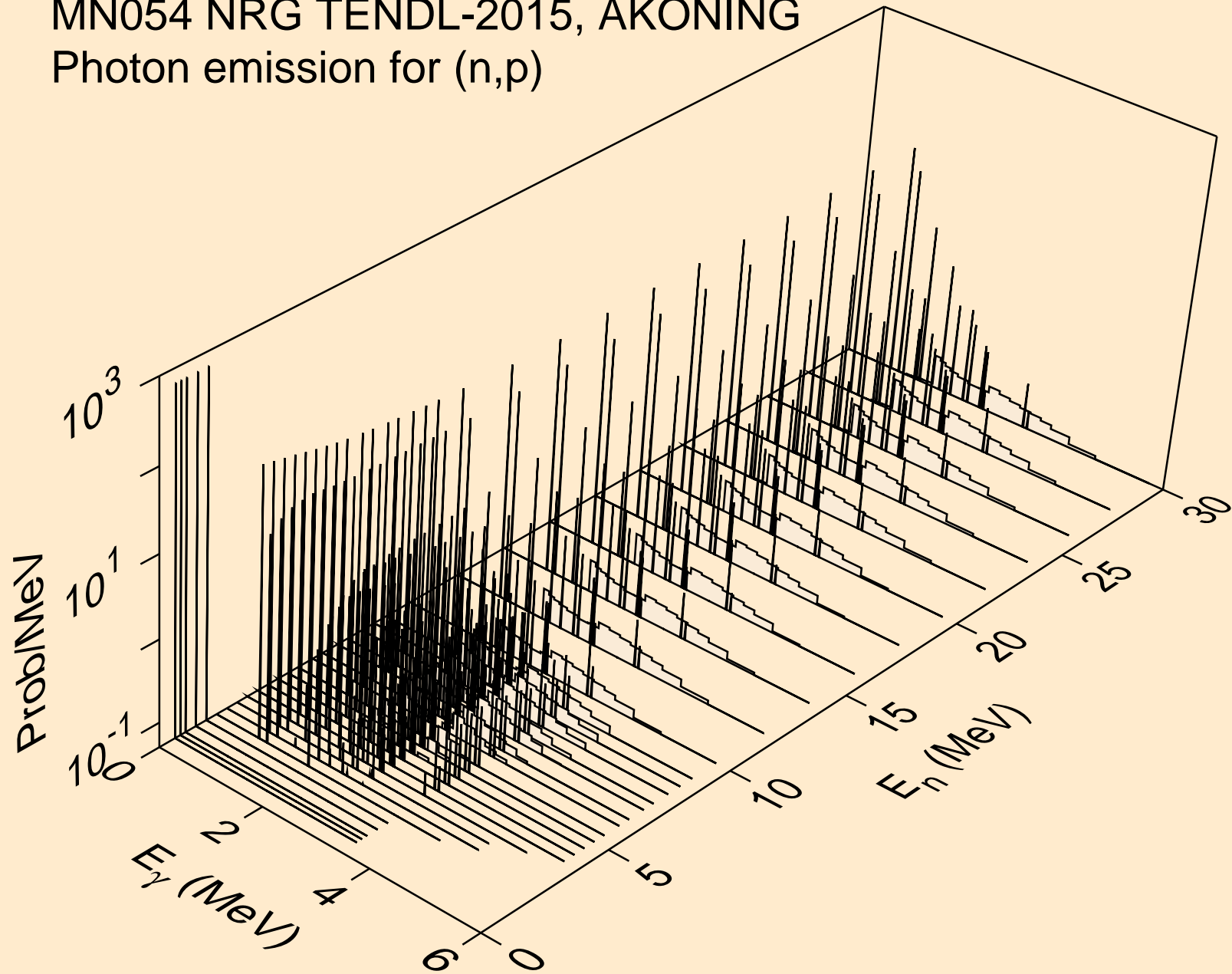
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



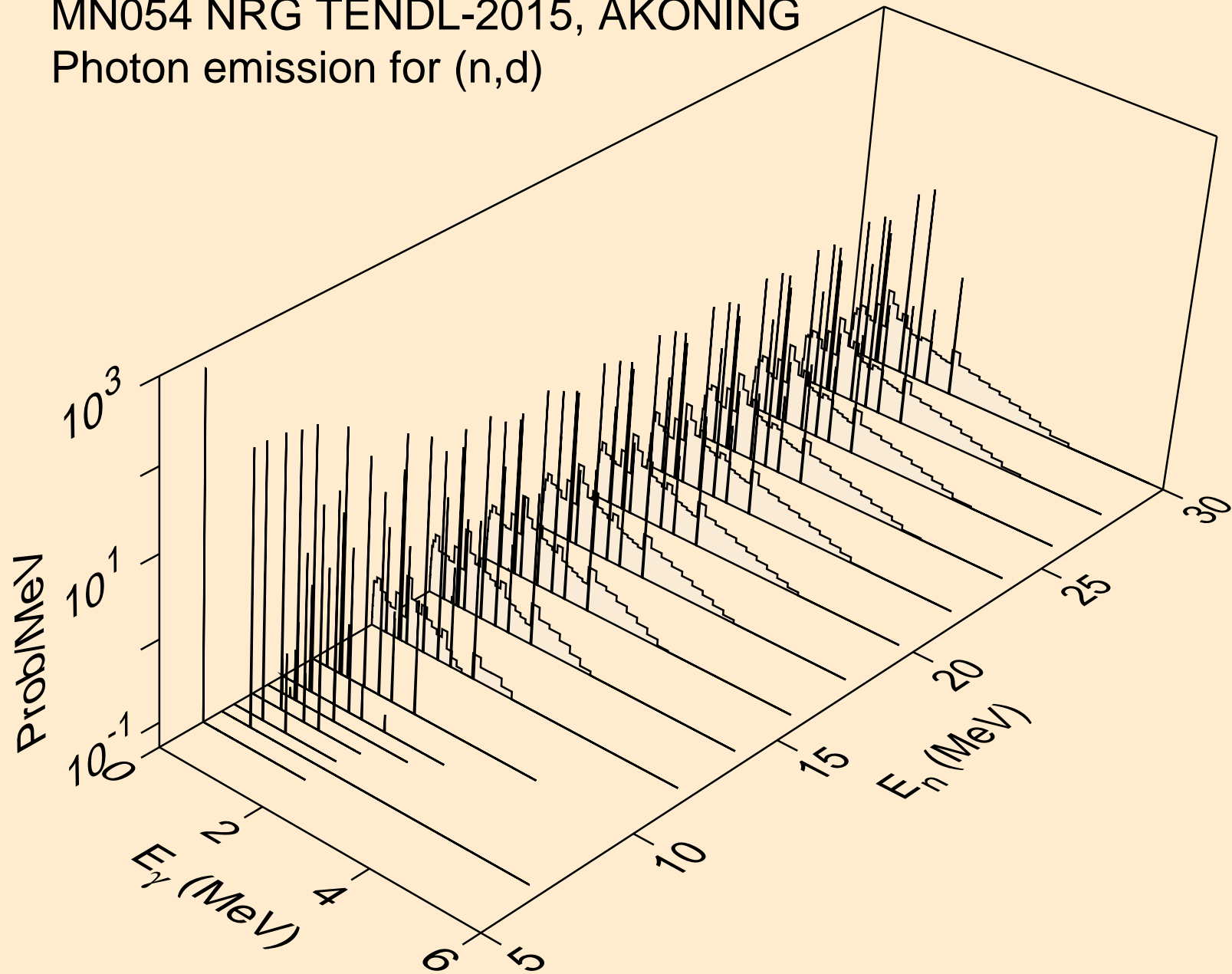
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

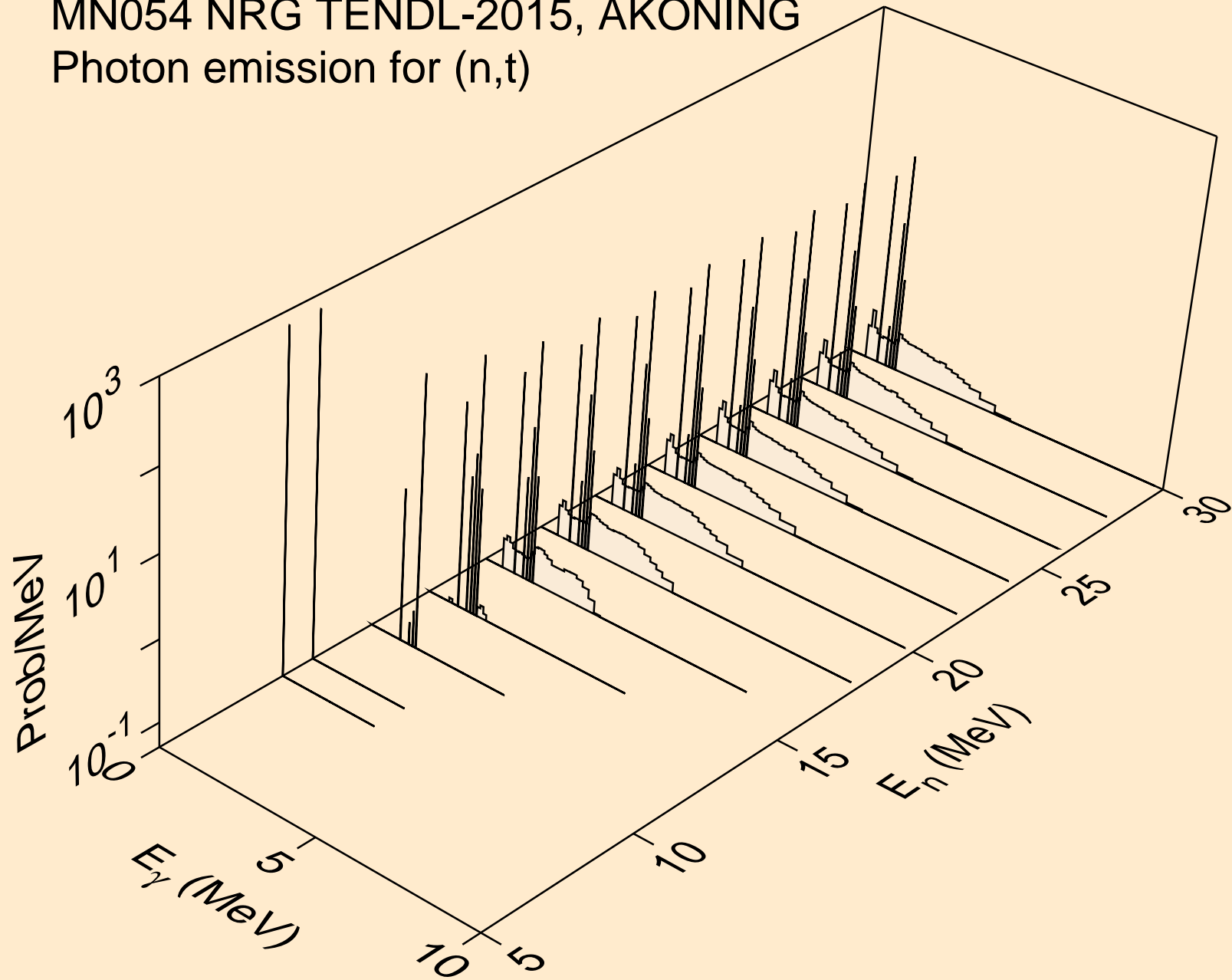


MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

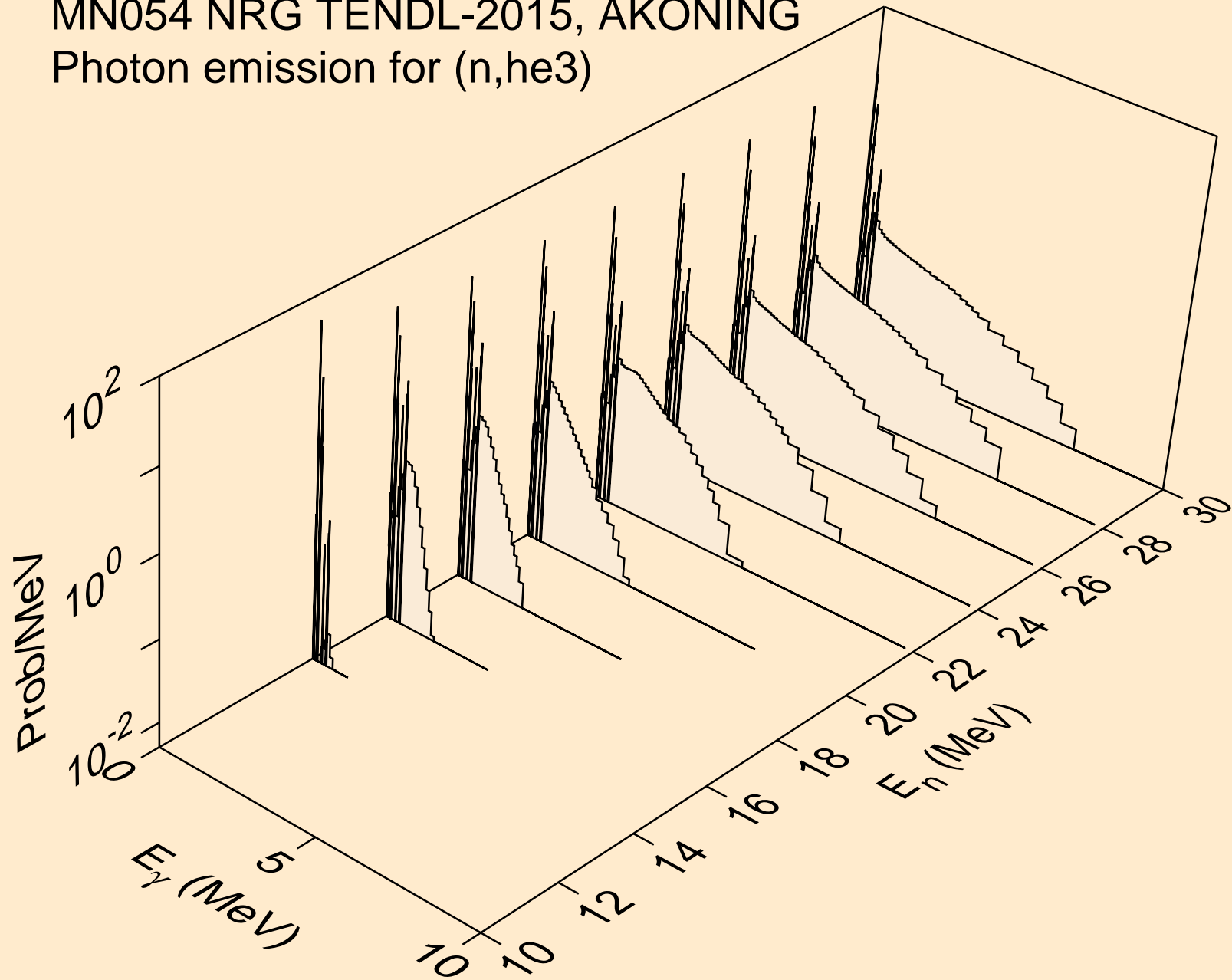




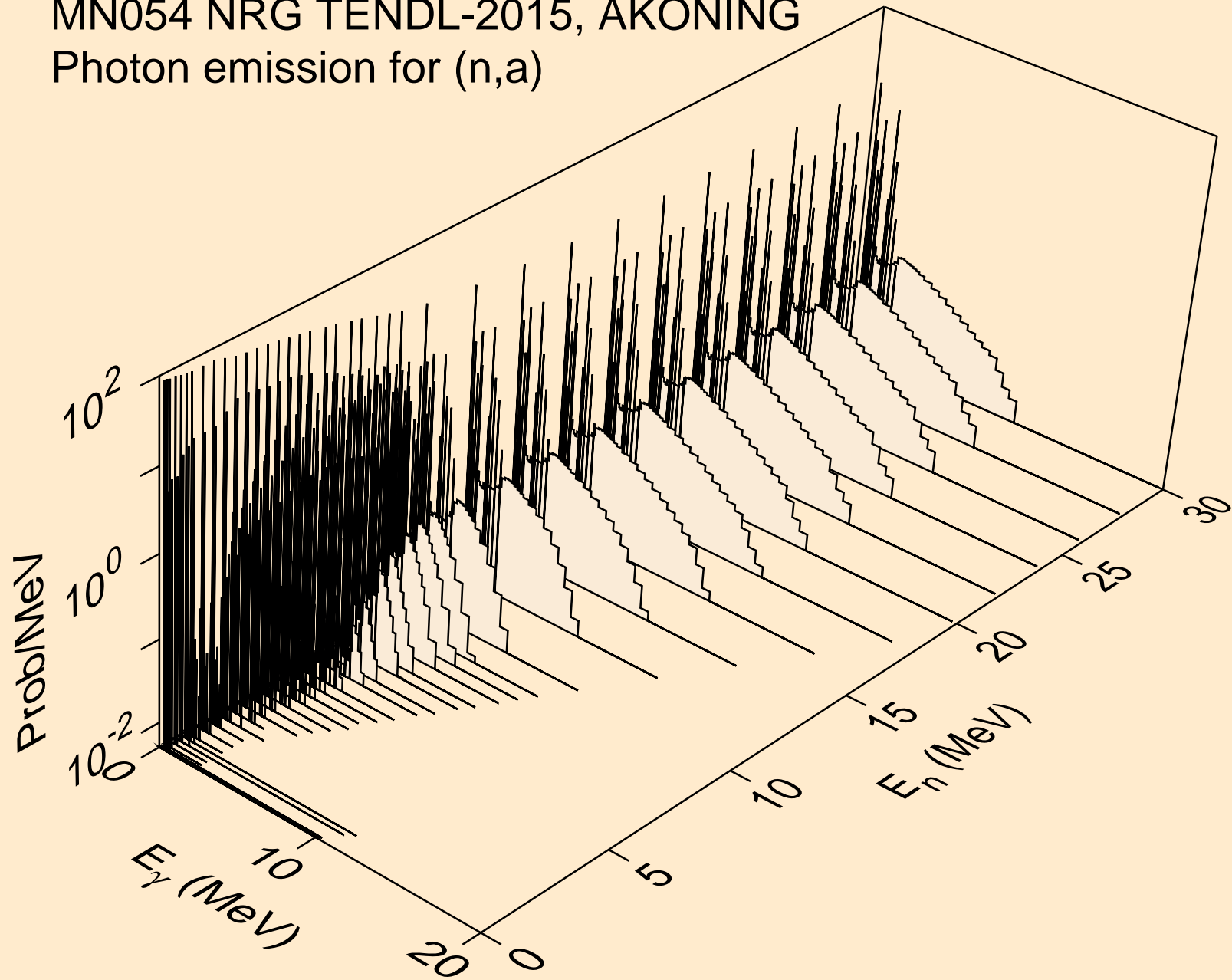
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



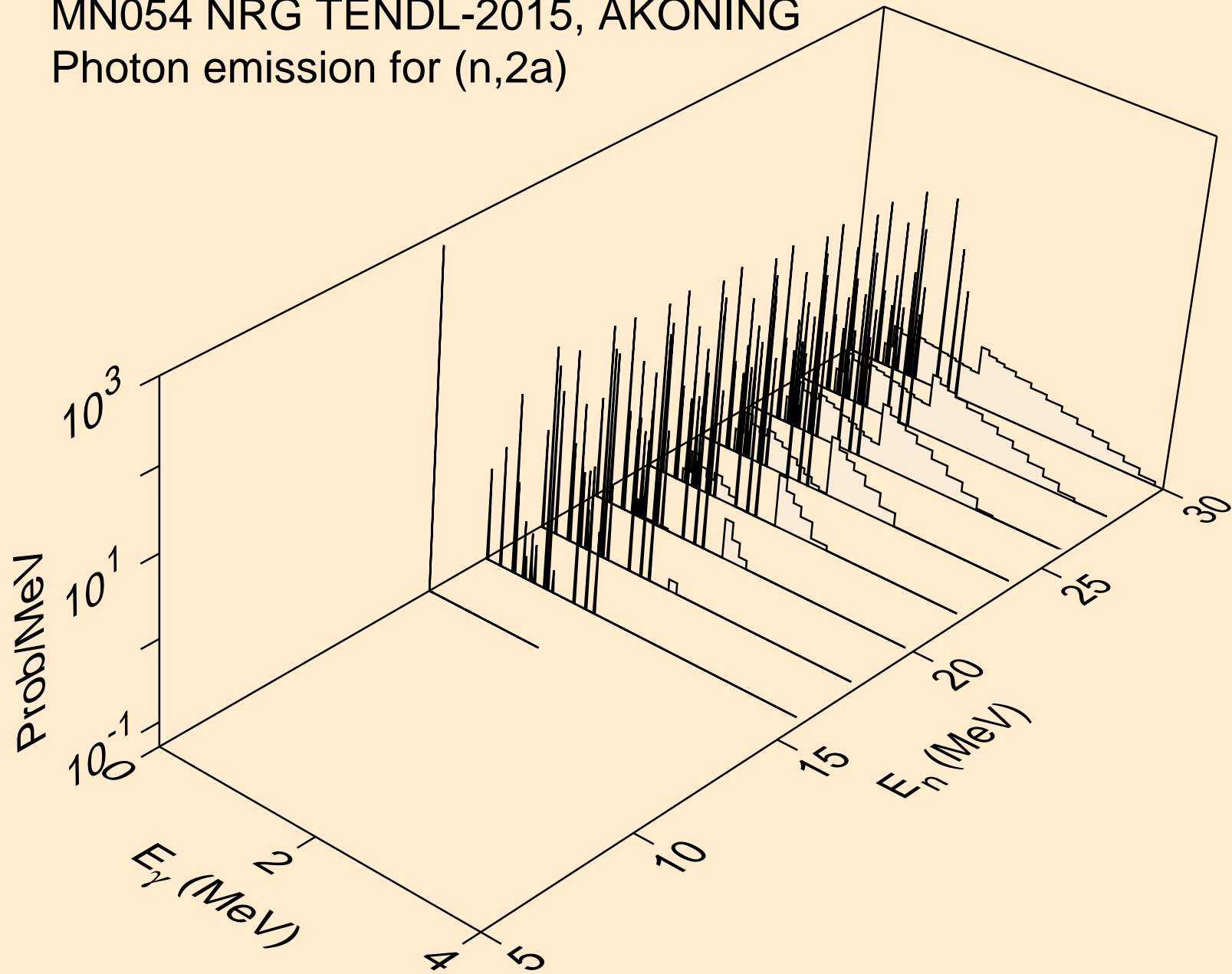
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



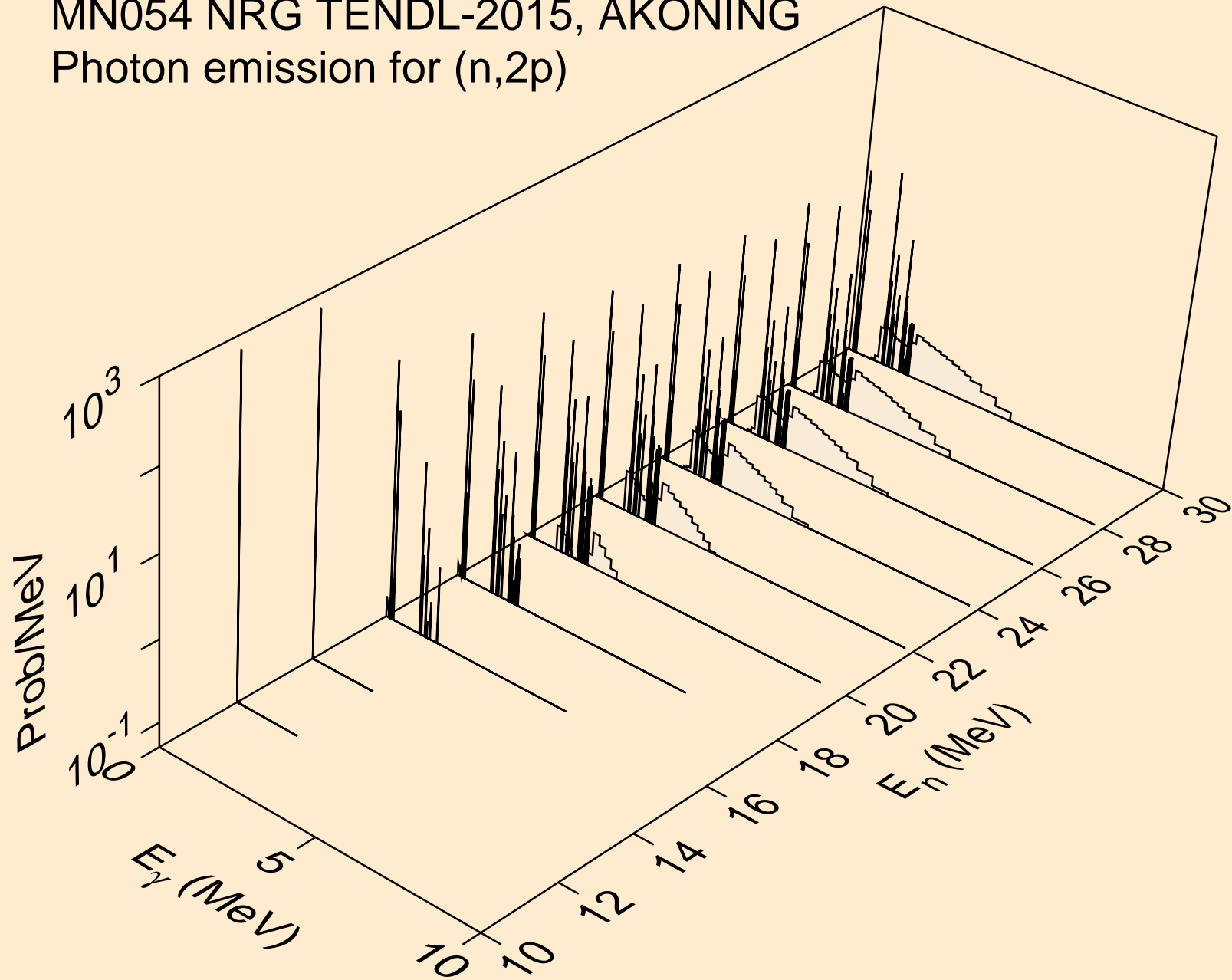
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



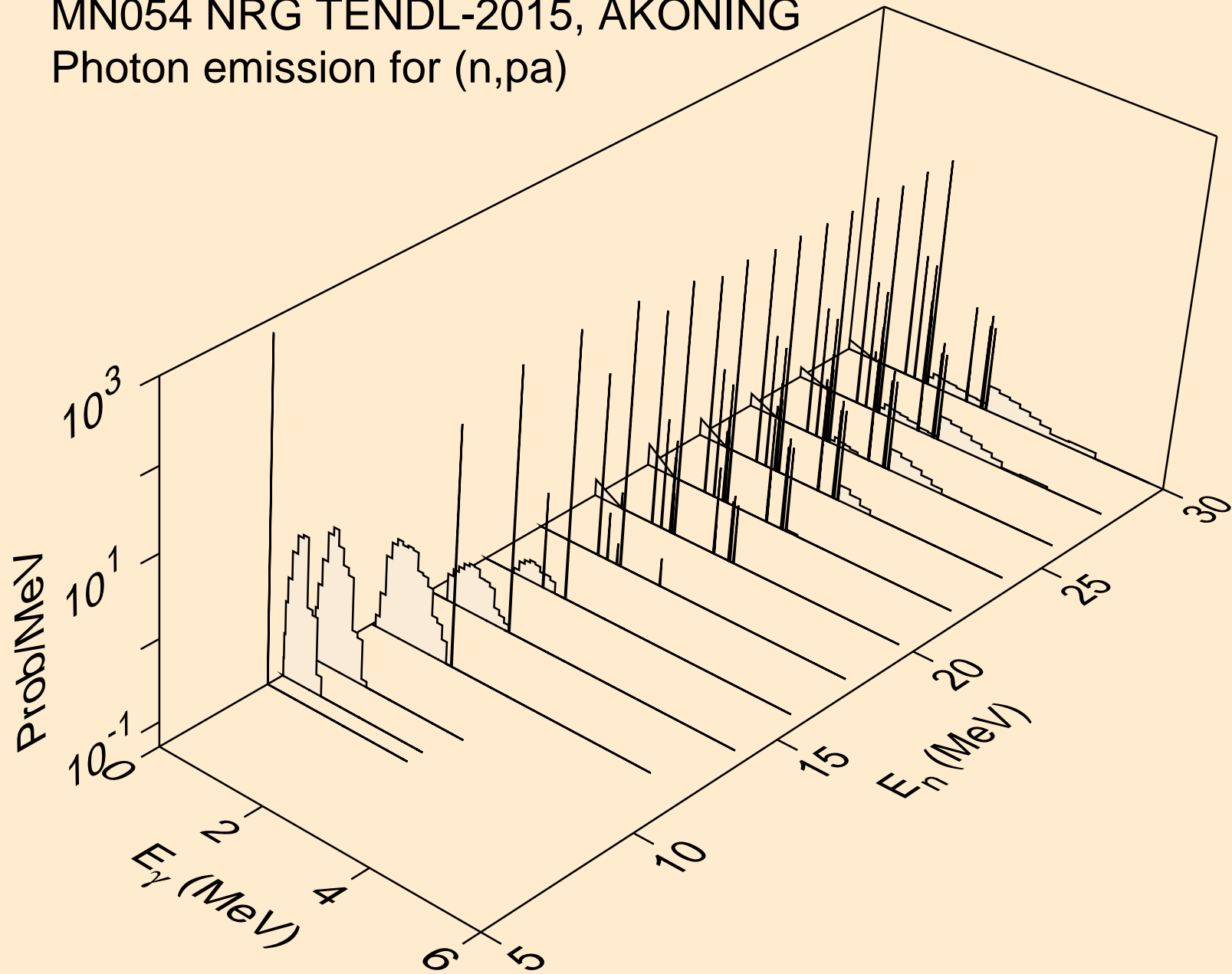
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



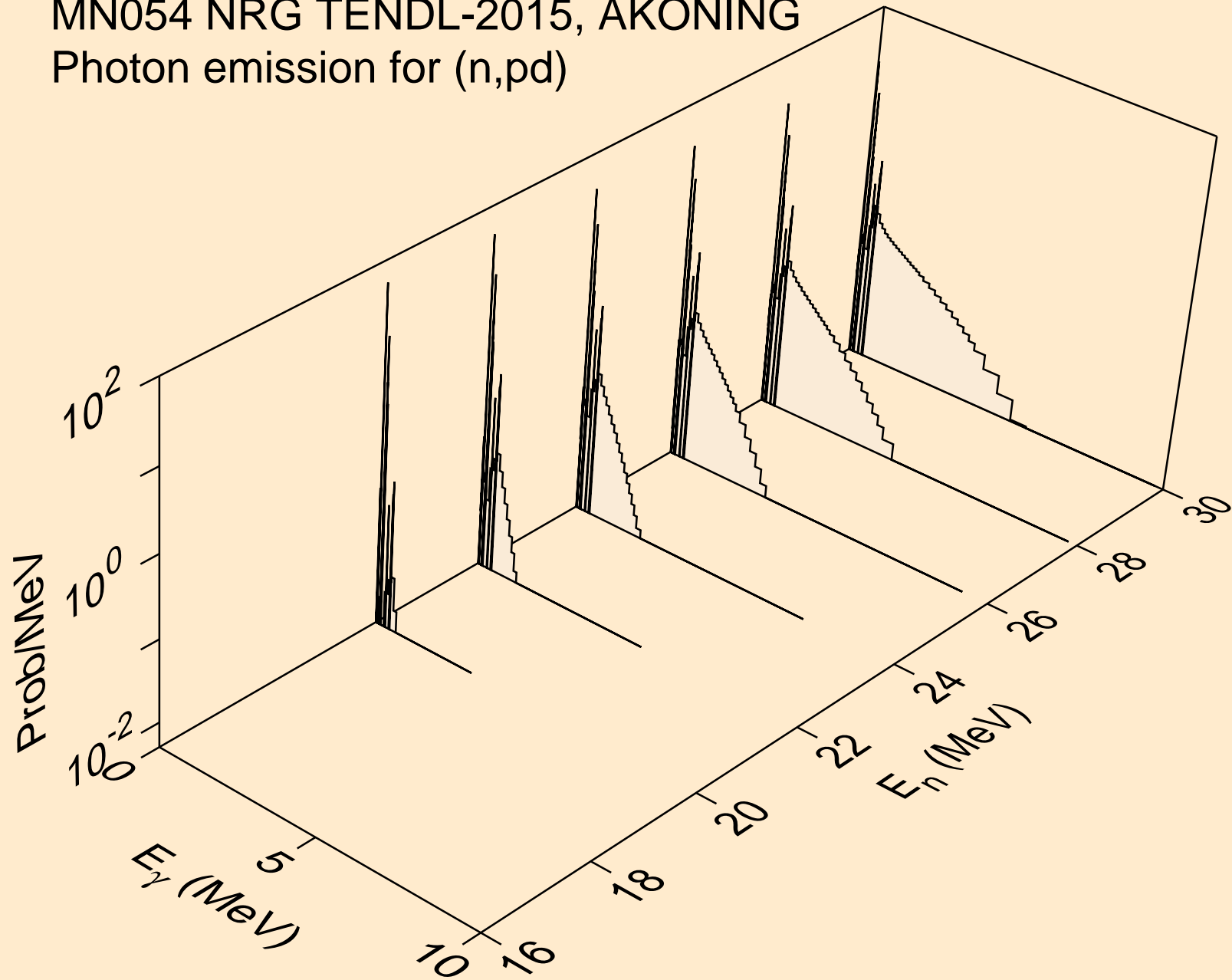
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Photon emission for (n,2p)



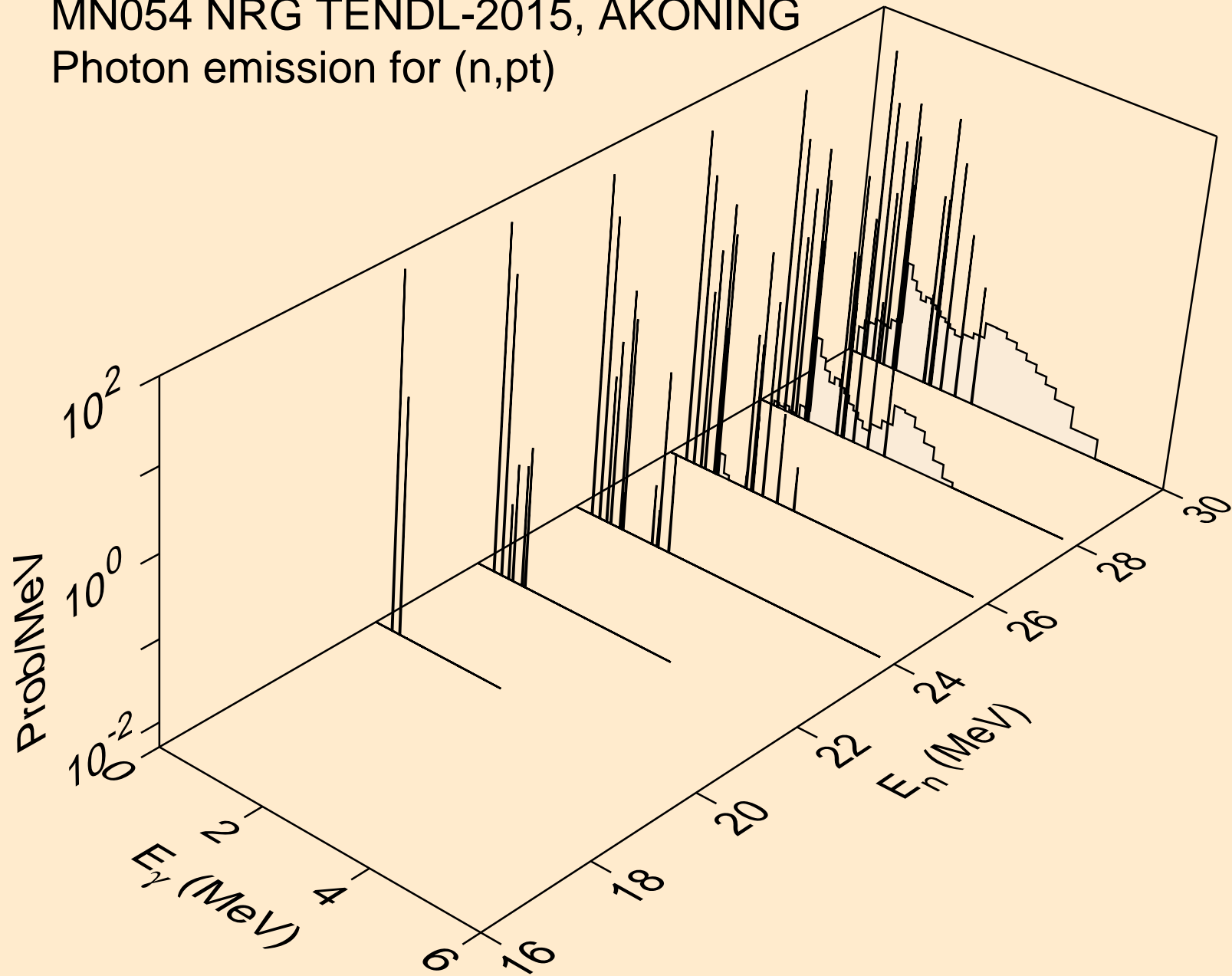
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

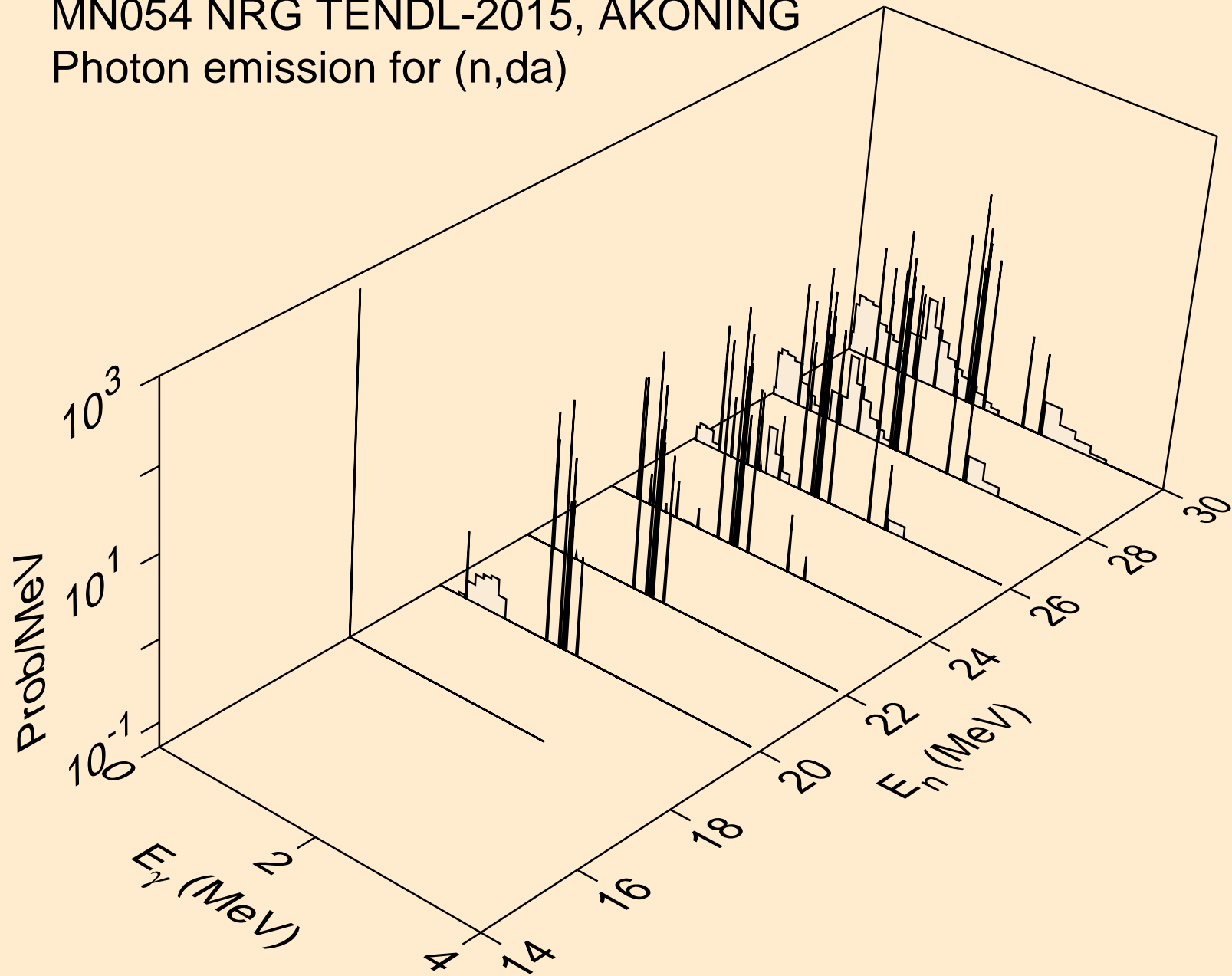


MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

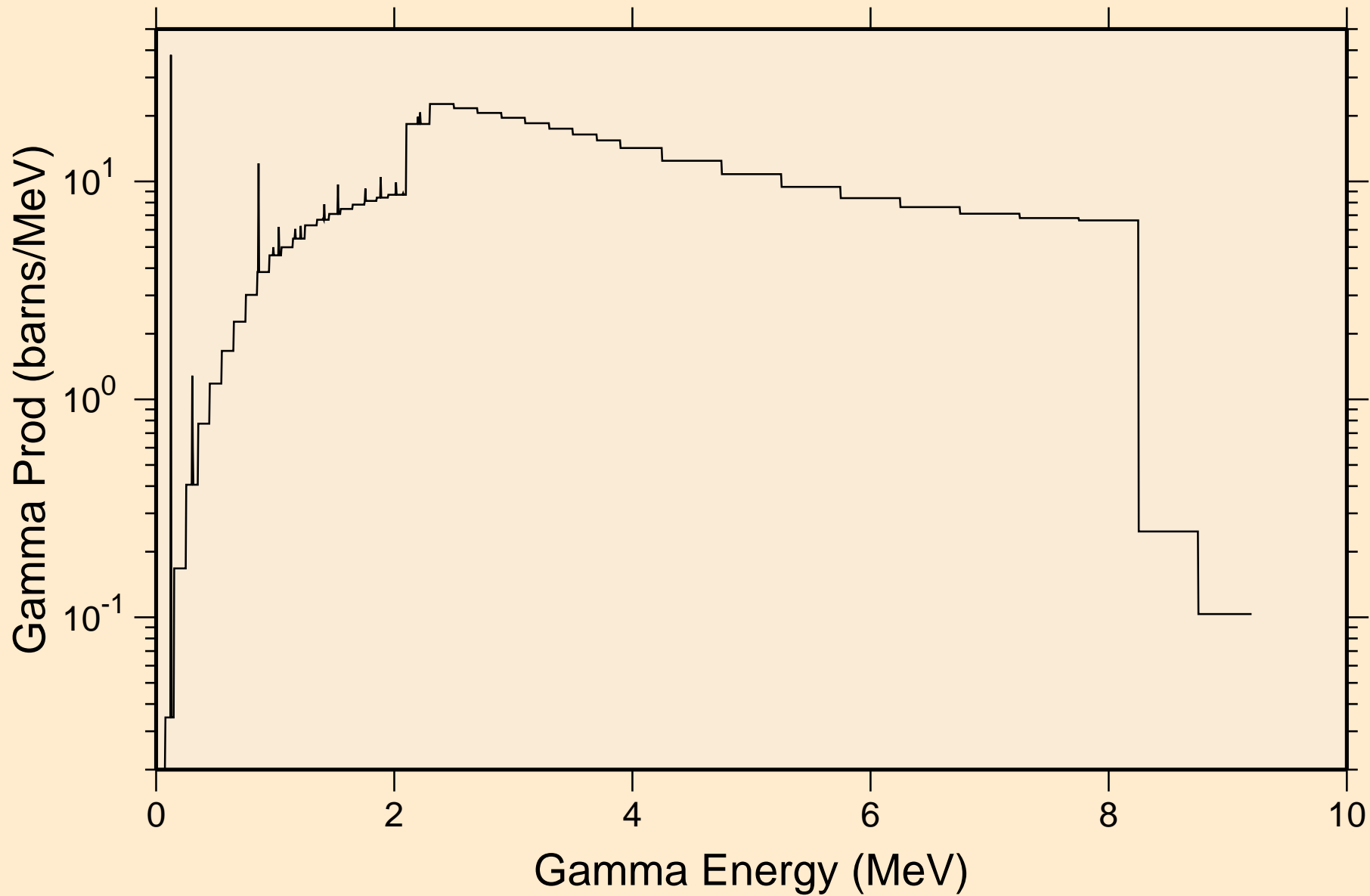




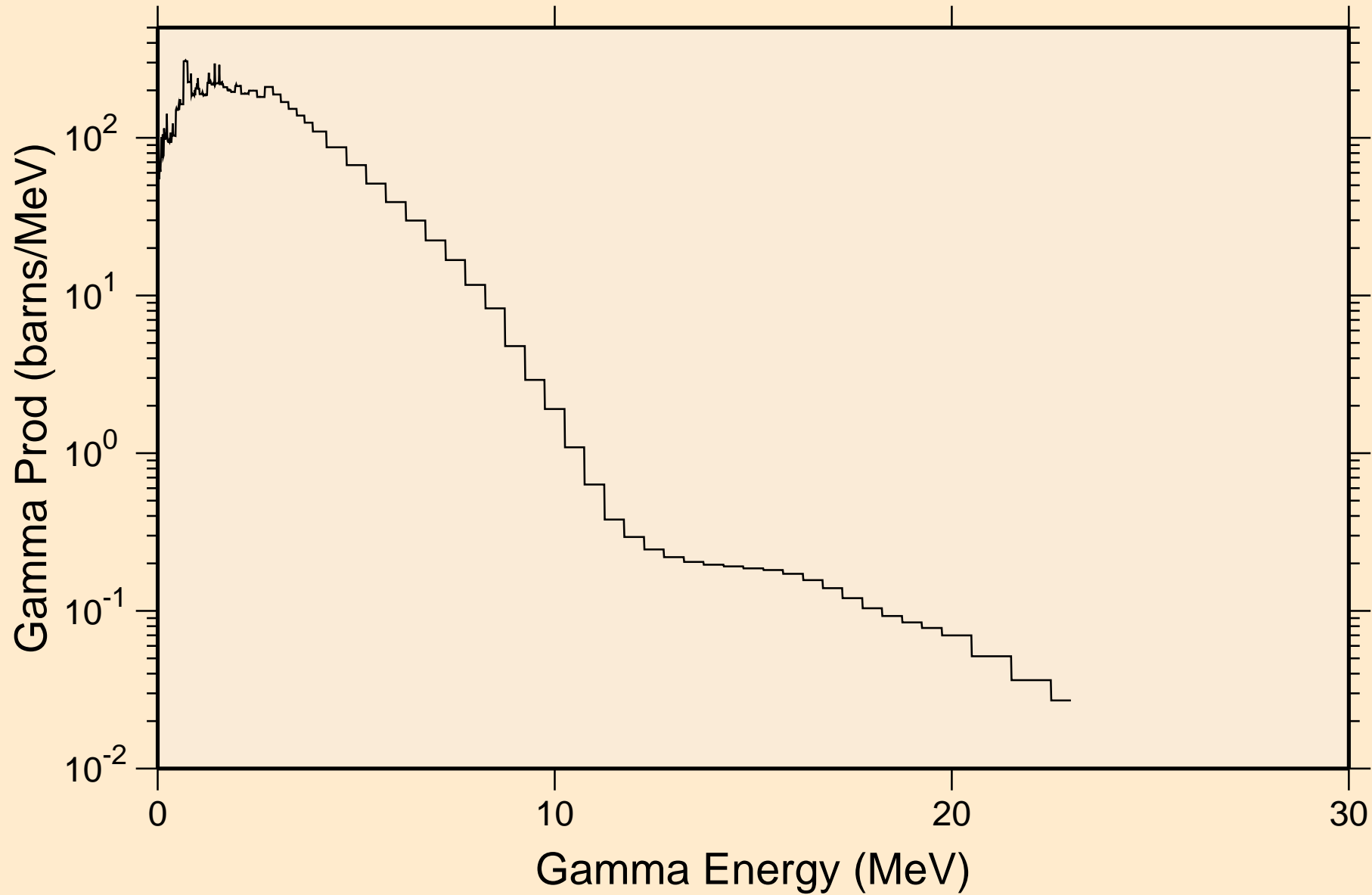
MN054 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



MN054 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

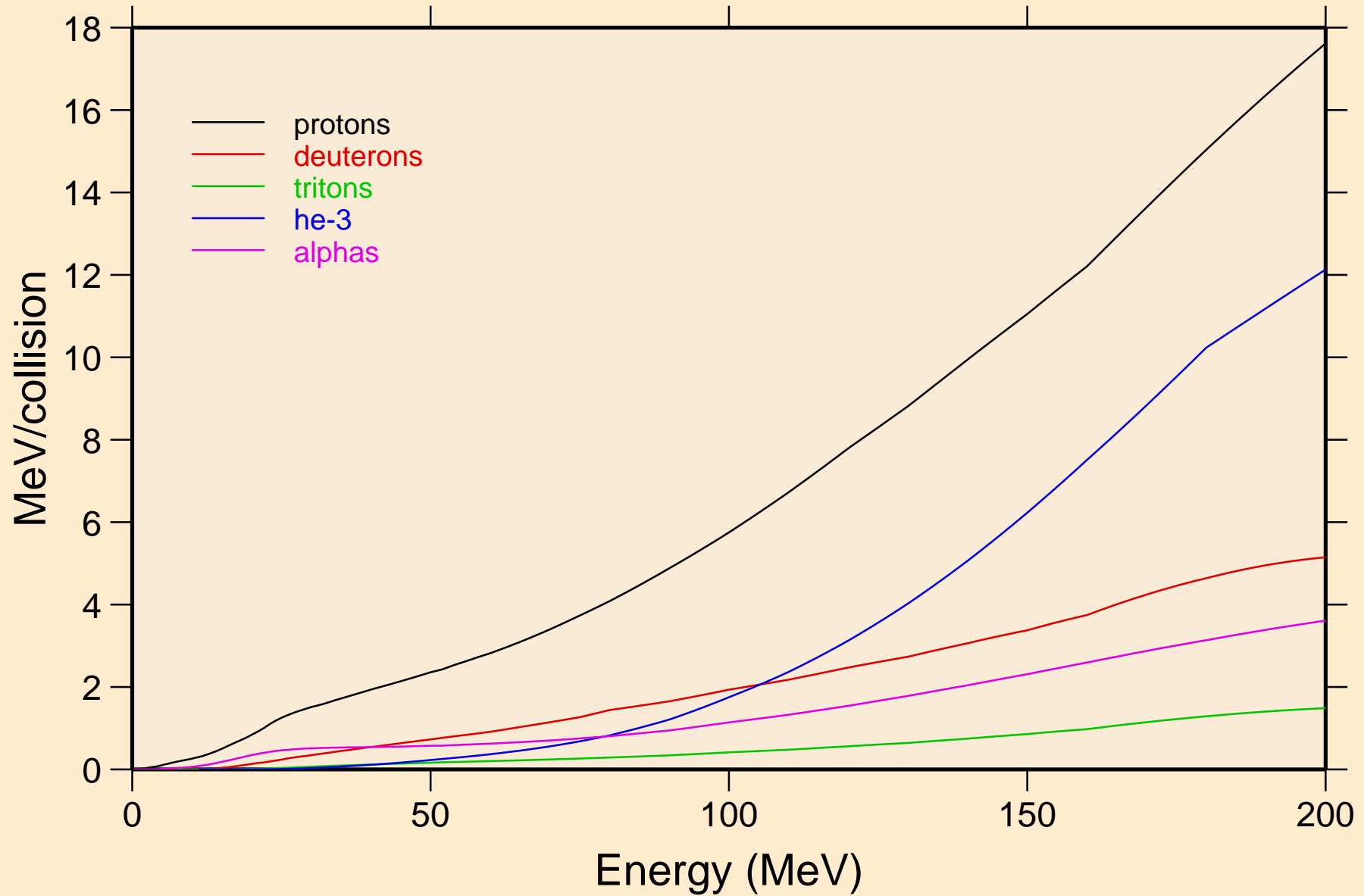


MN054 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



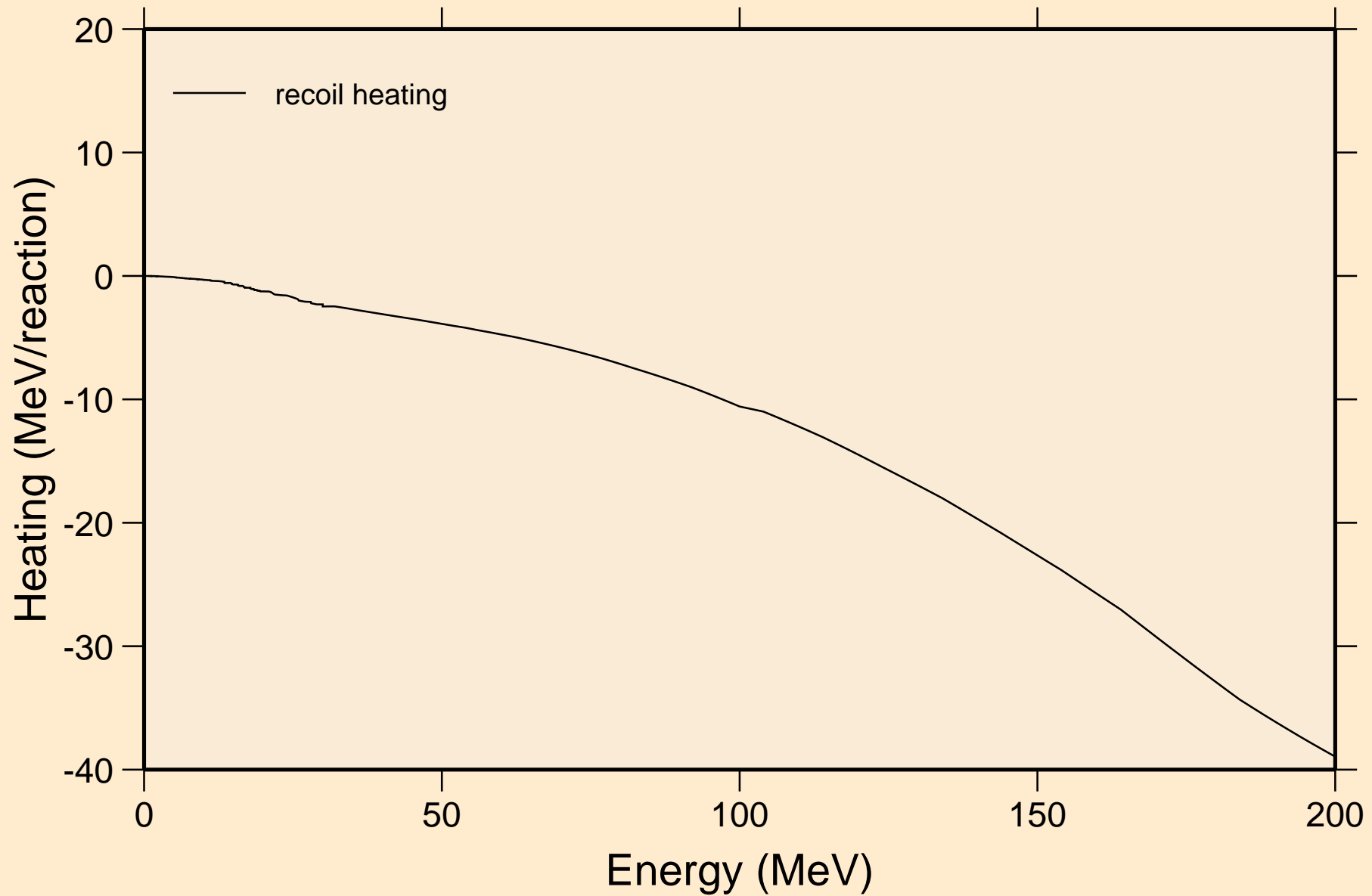
# MN054 NRG TENDL-2015, AKONING

## Particle heating contributions



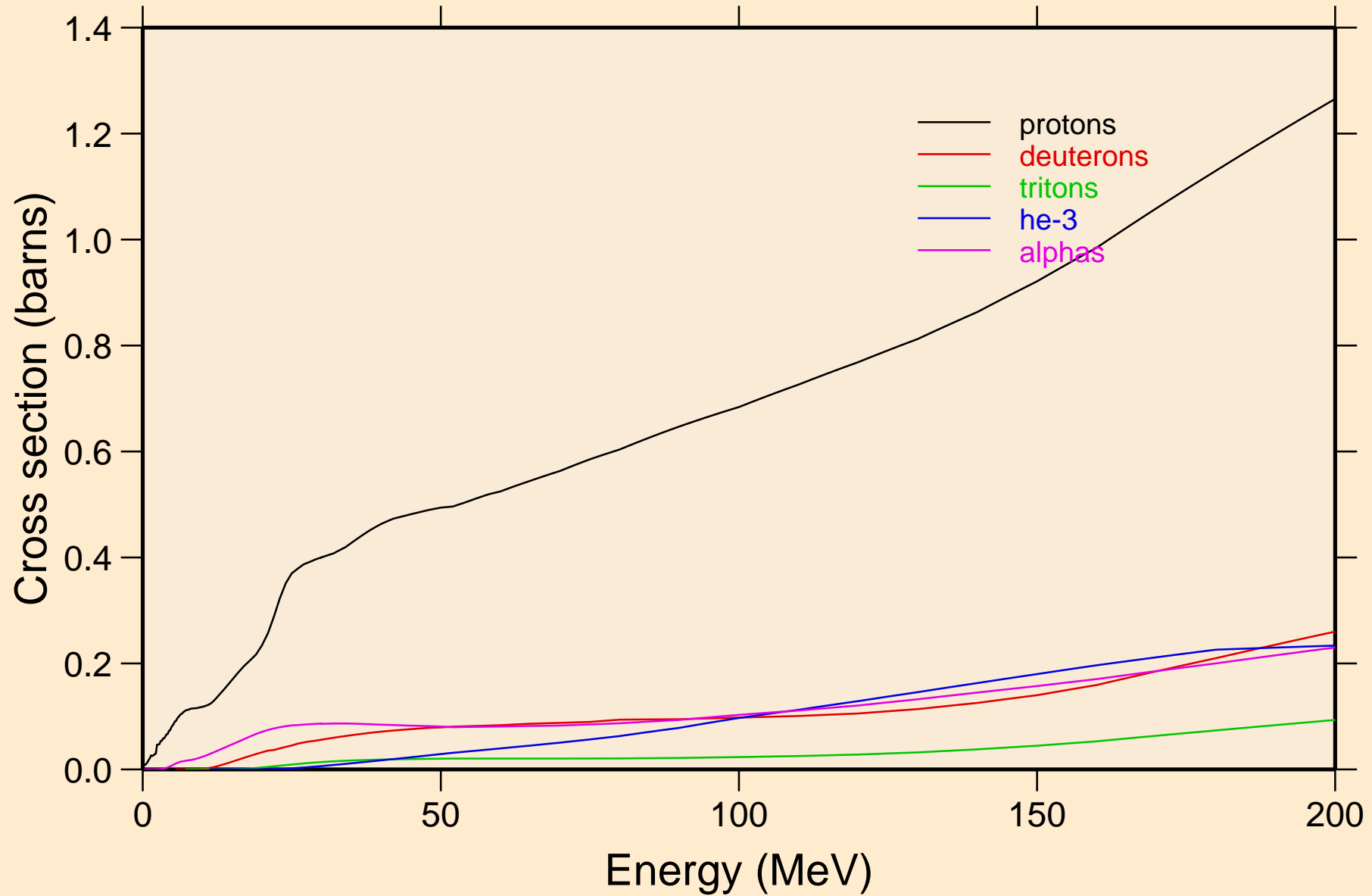
# MN054 NRG TENDL-2015, AKONING

## Recoil Heating

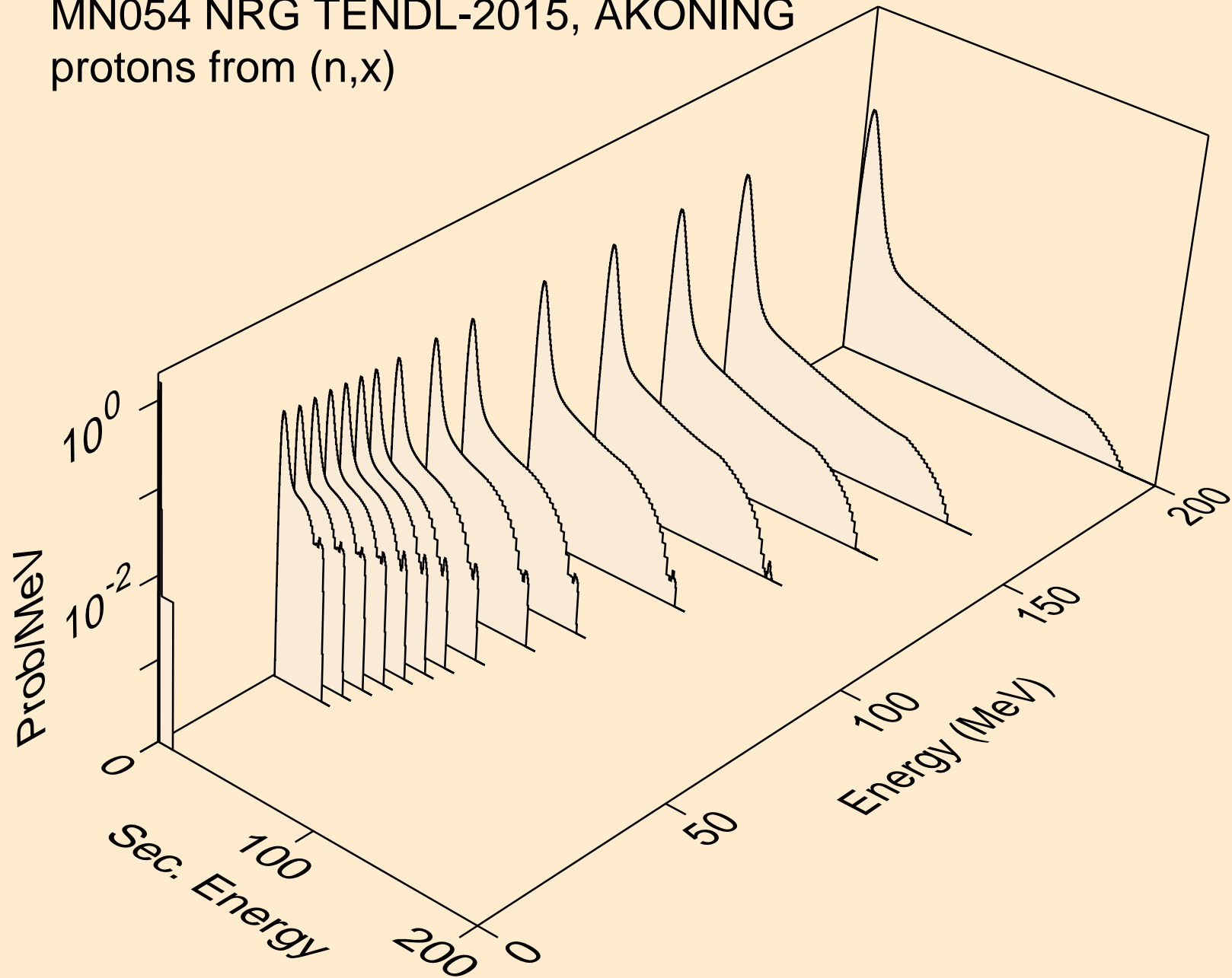


# MN054 NRG TENDL-2015, AKONING

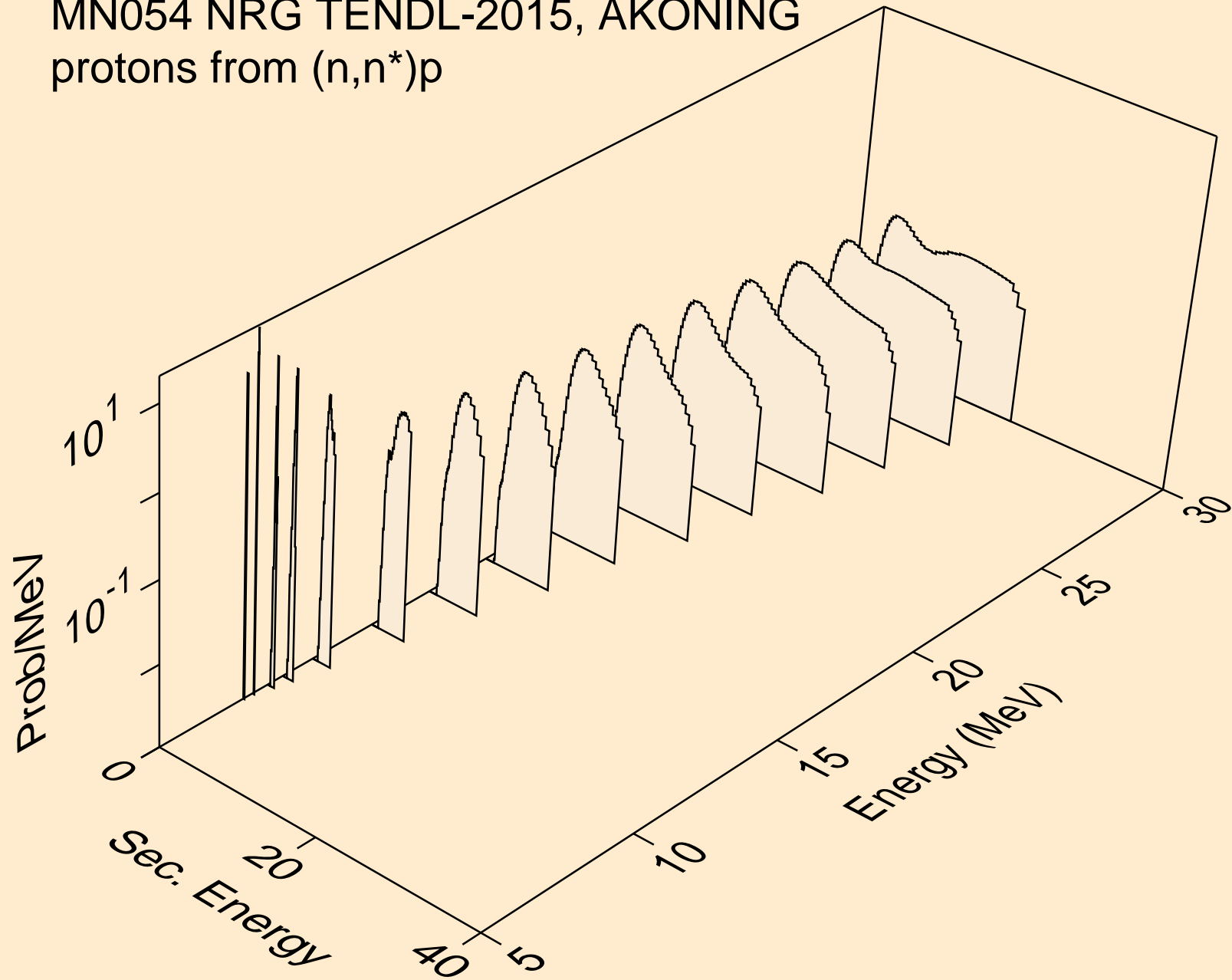
## Particle production cross sections



MN054 NRG TENDL-2015, AKONING  
protons from (n,x)

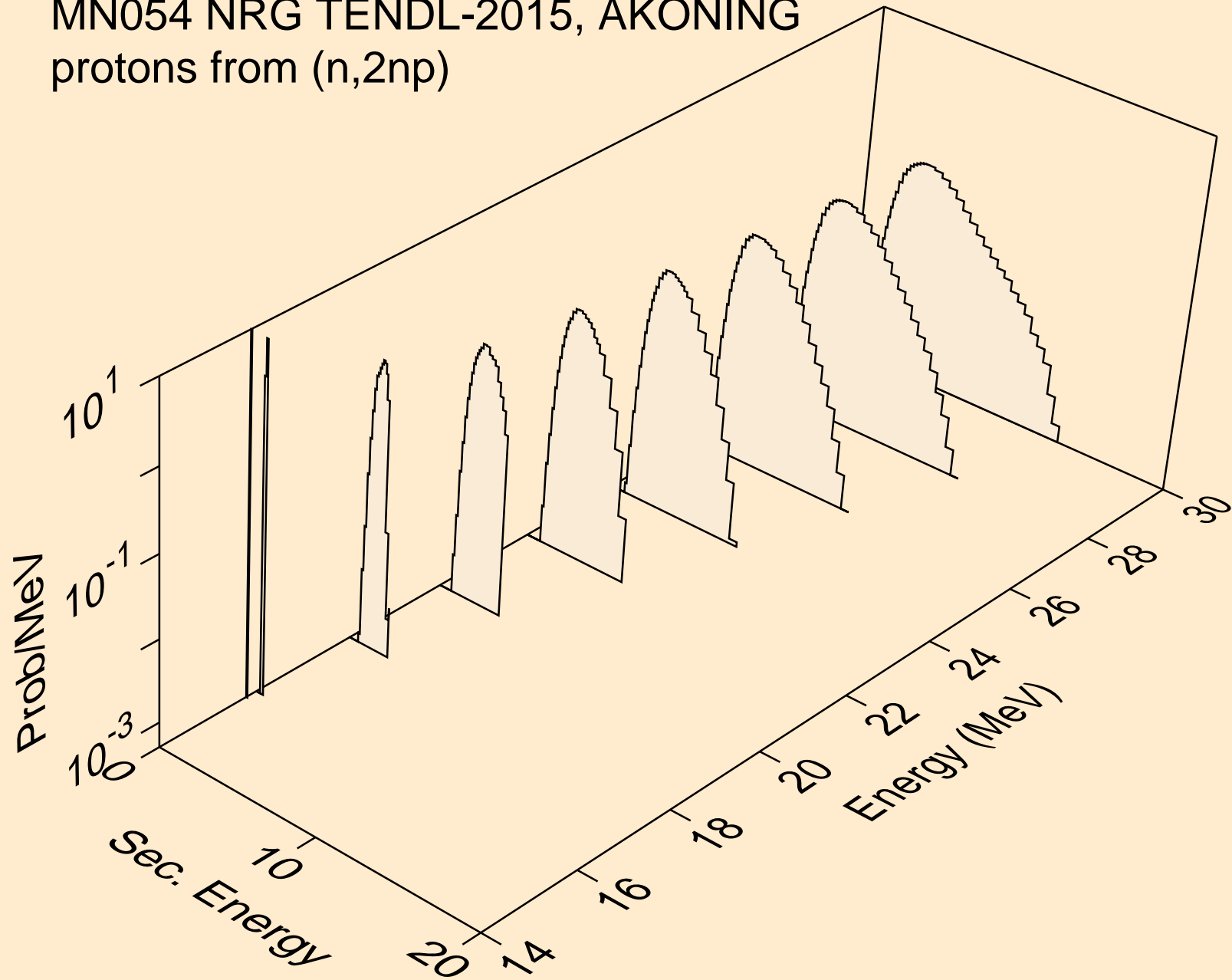


MN054 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

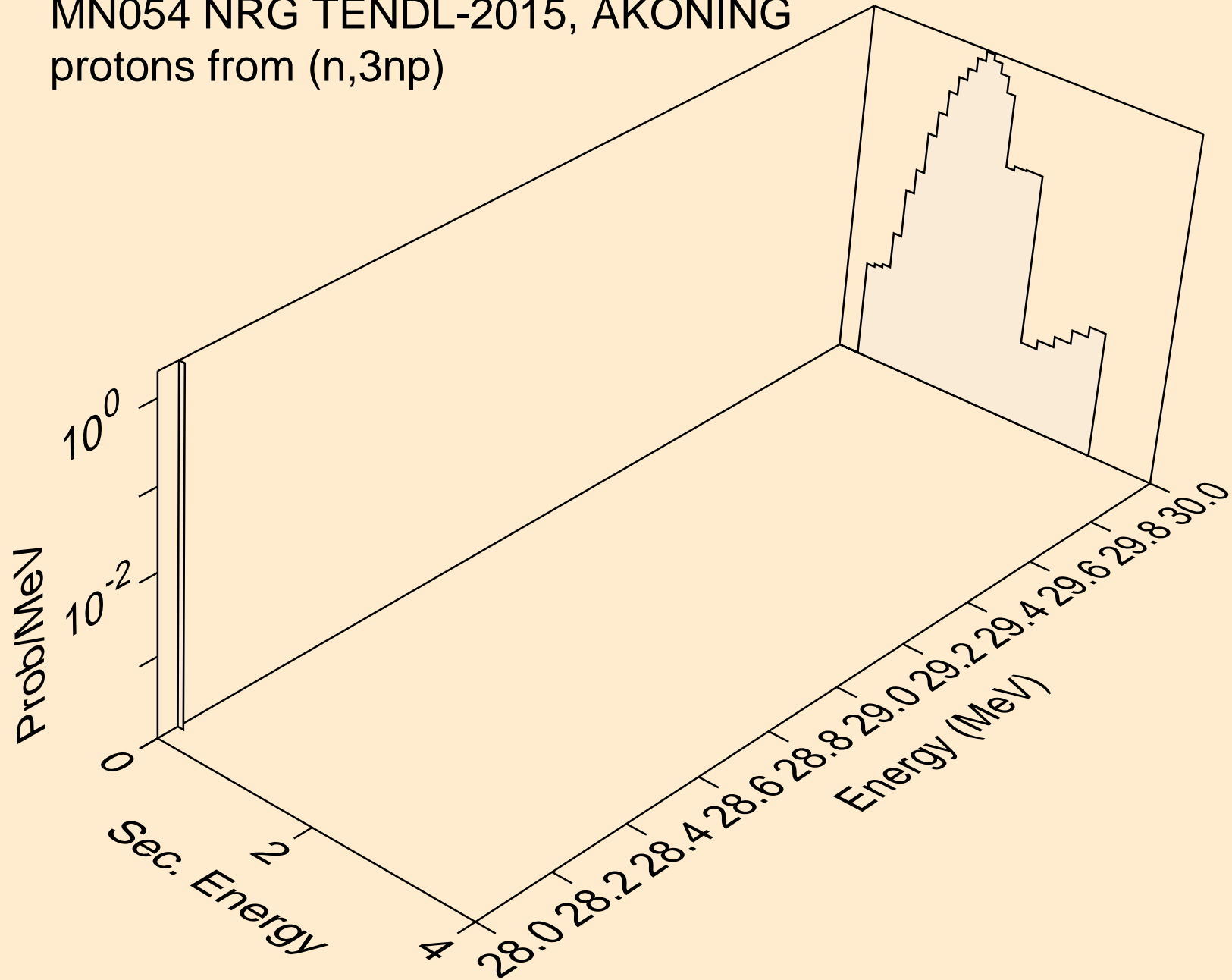




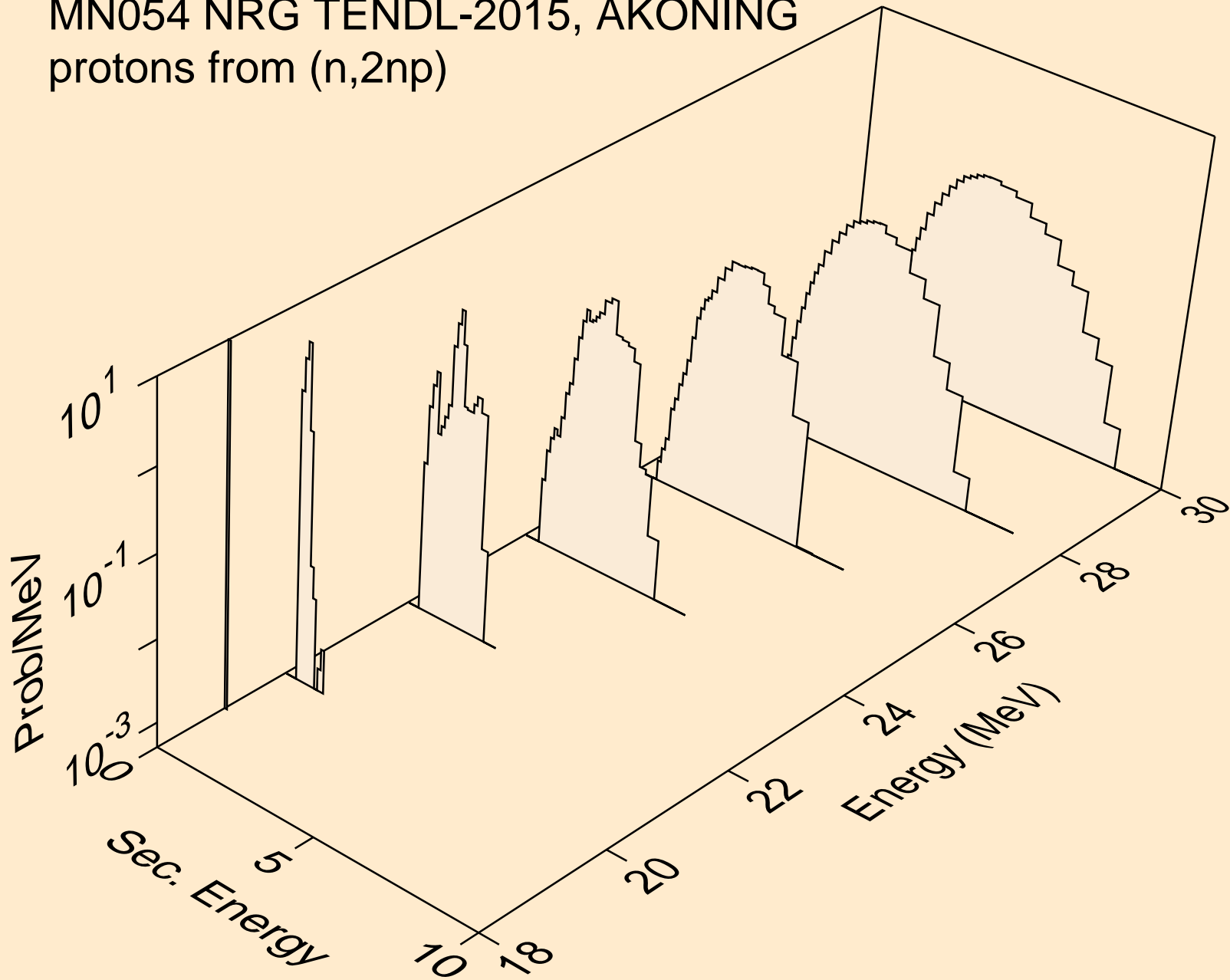
MN054 NRG TENDL-2015, AKONING  
protons from (n,2np)



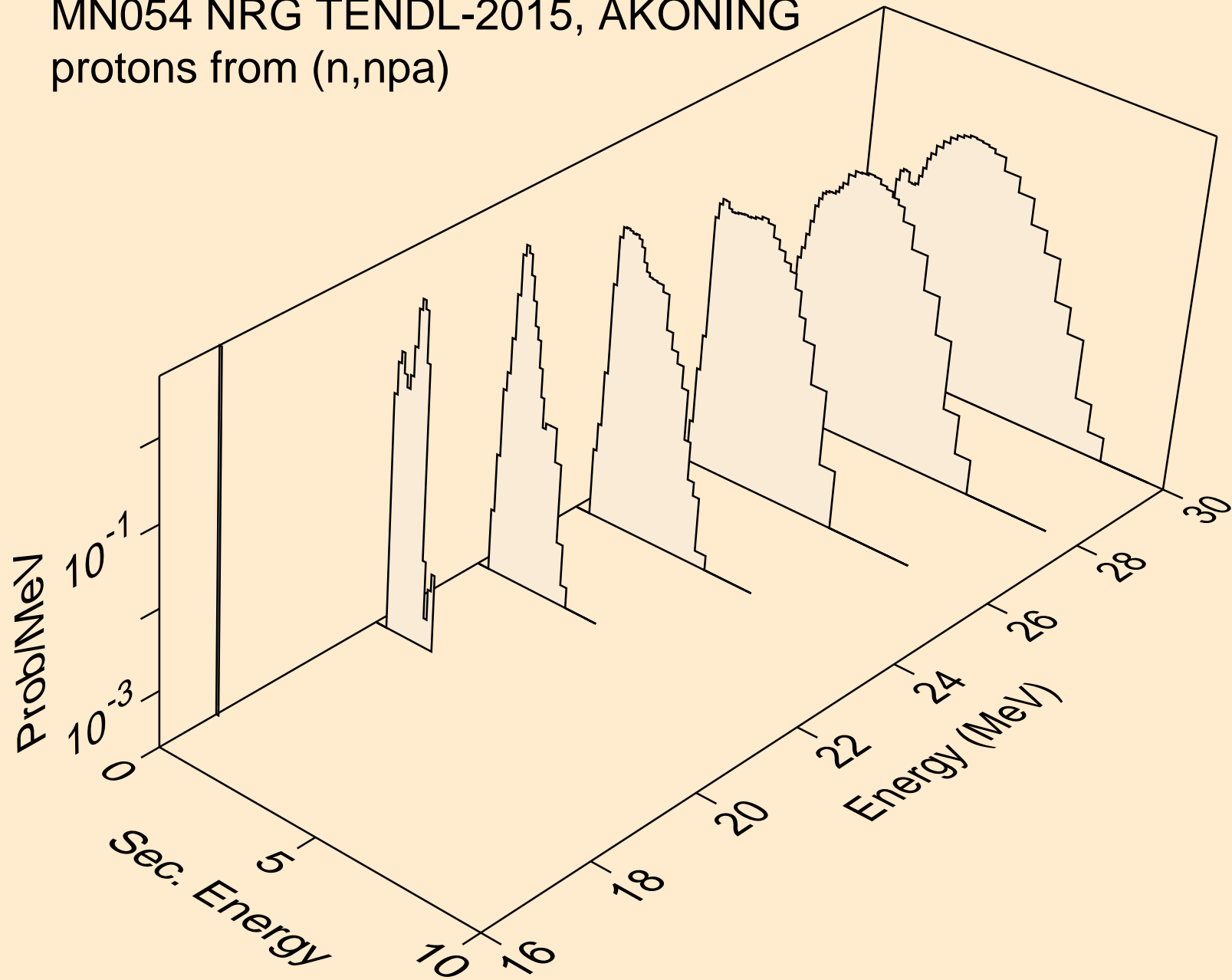
MN054 NRG TENDL-2015, AKONING  
protons from (n,3np)



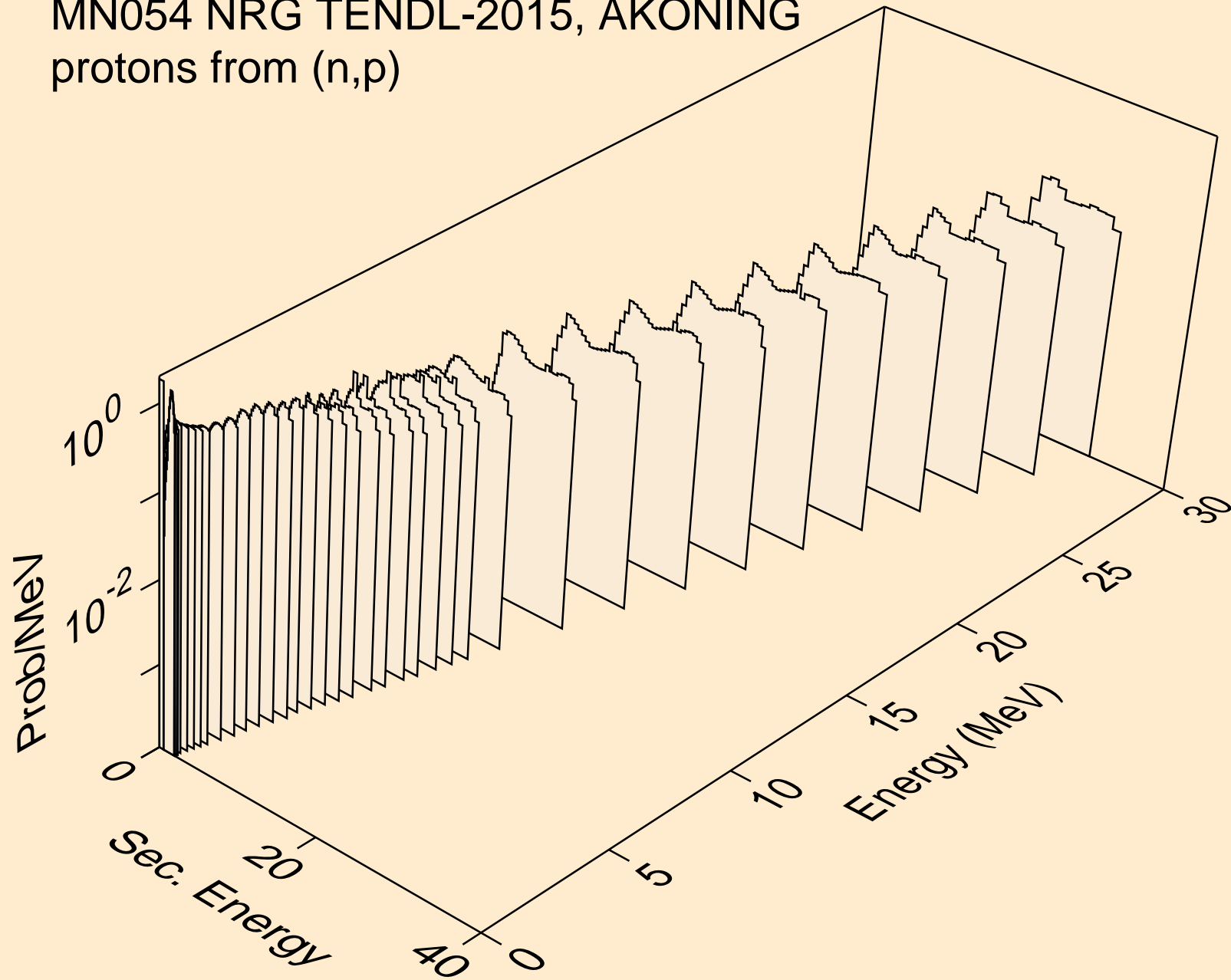
MN054 NRG TENDL-2015, AKONING  
protons from (n,2np)



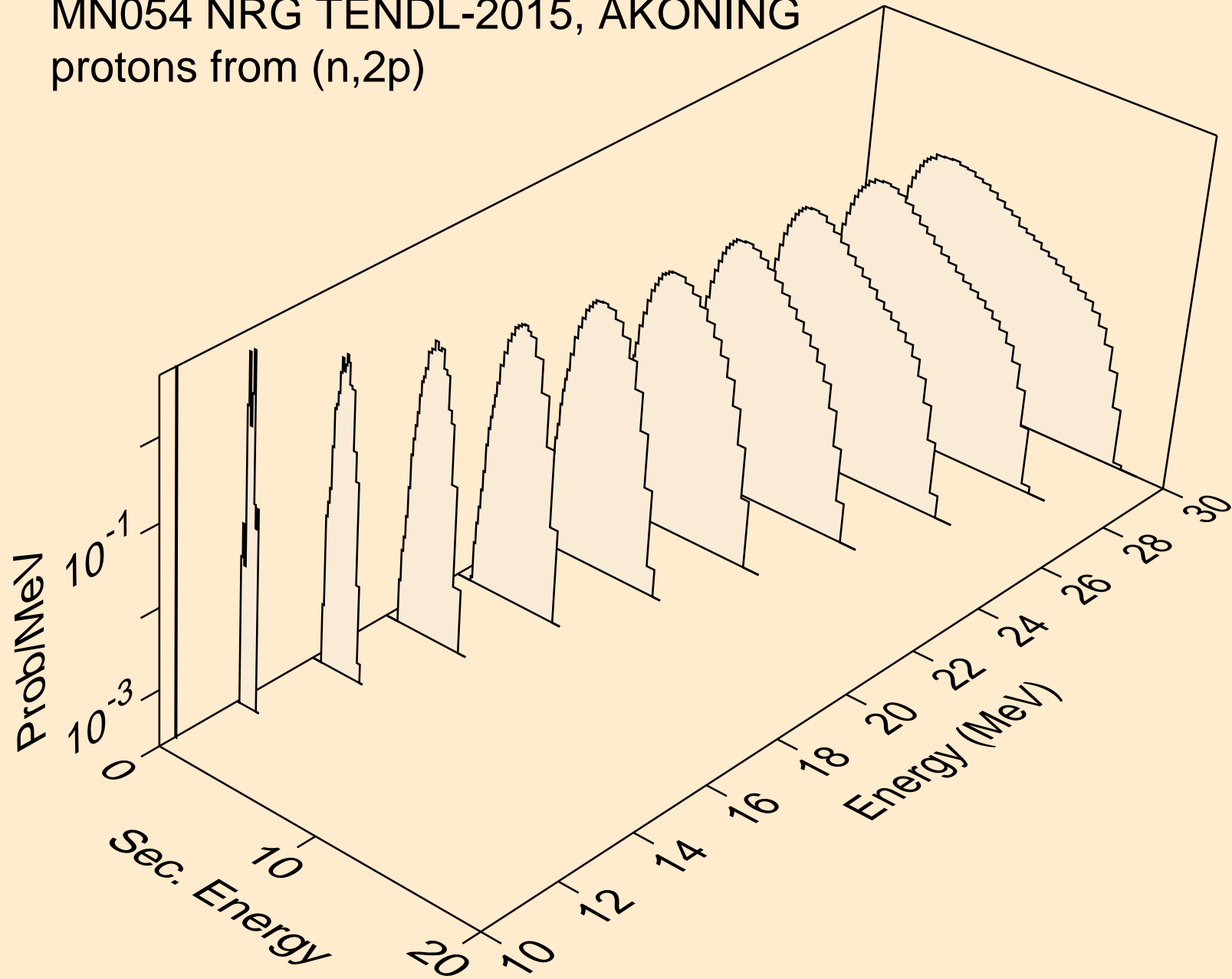
MN054 NRG TENDL-2015, AKONING  
protons from (n,npa)



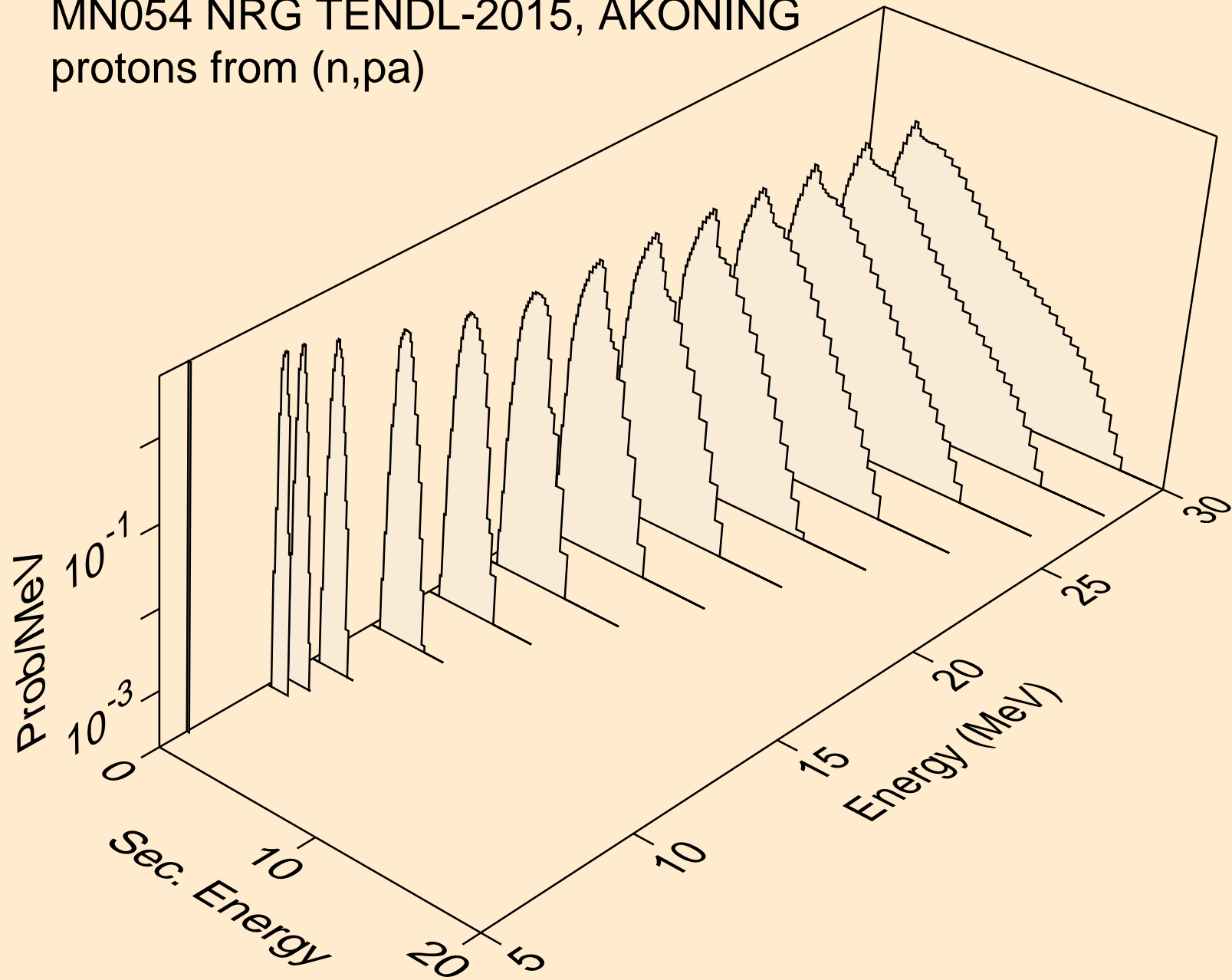
MN054 NRG TENDL-2015, AKONING  
protons from (n,p)



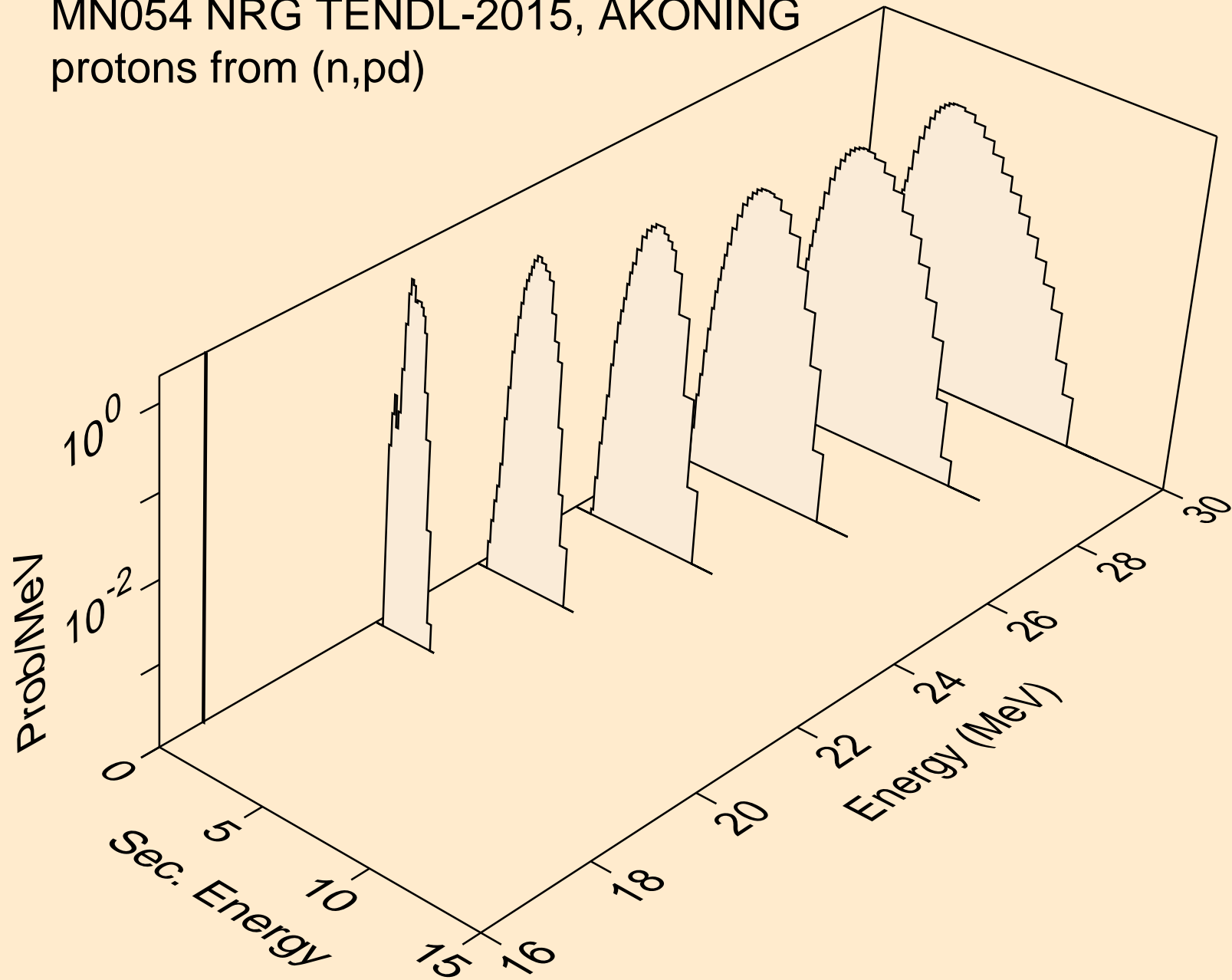
MN054 NRG TENDL-2015, AKONING  
protons from (n,2p)



MN054 NRG TENDL-2015, AKONING  
protons from (n,pa)

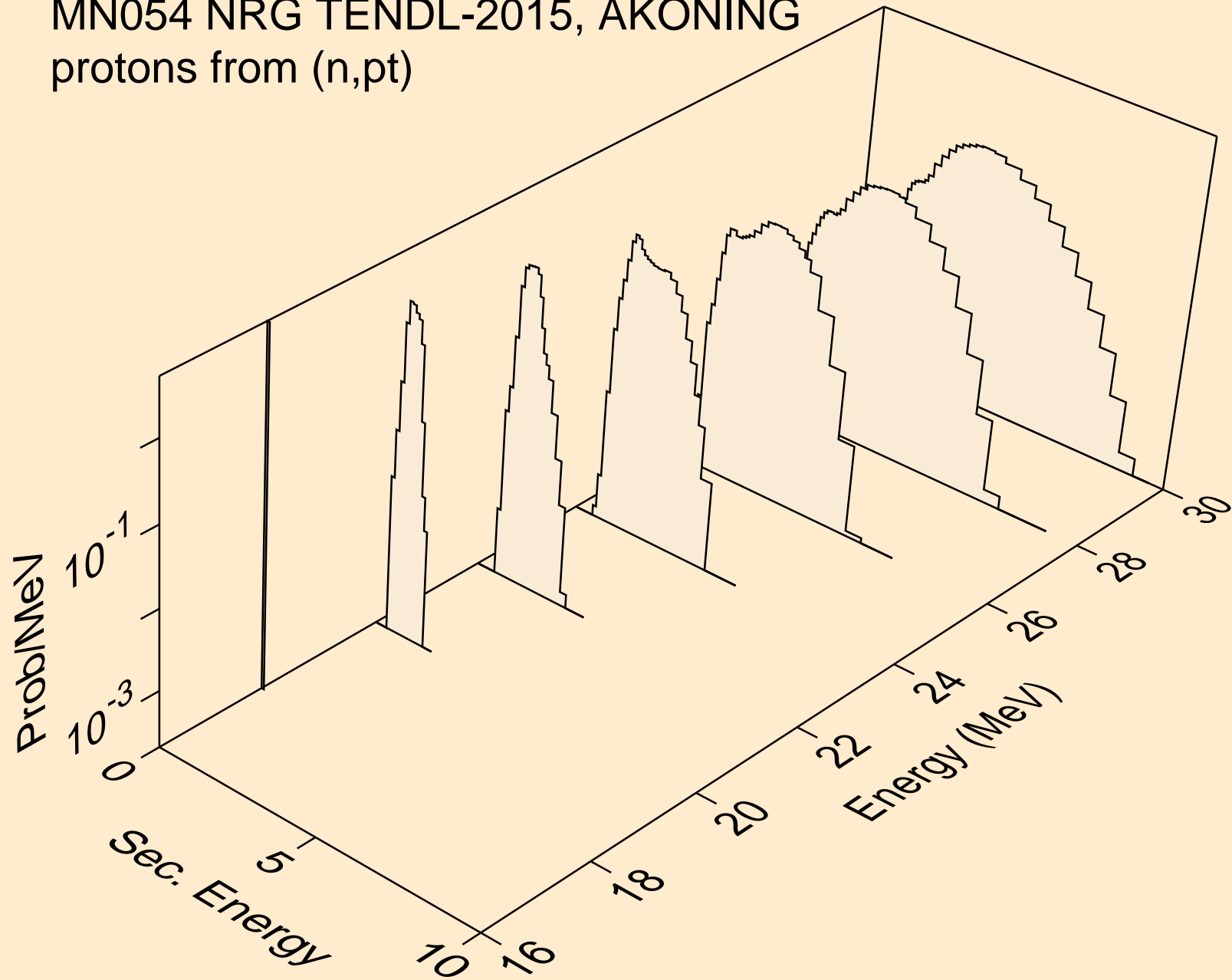


MN054 NRG TENDL-2015, AKONING  
protons from (n,pd)

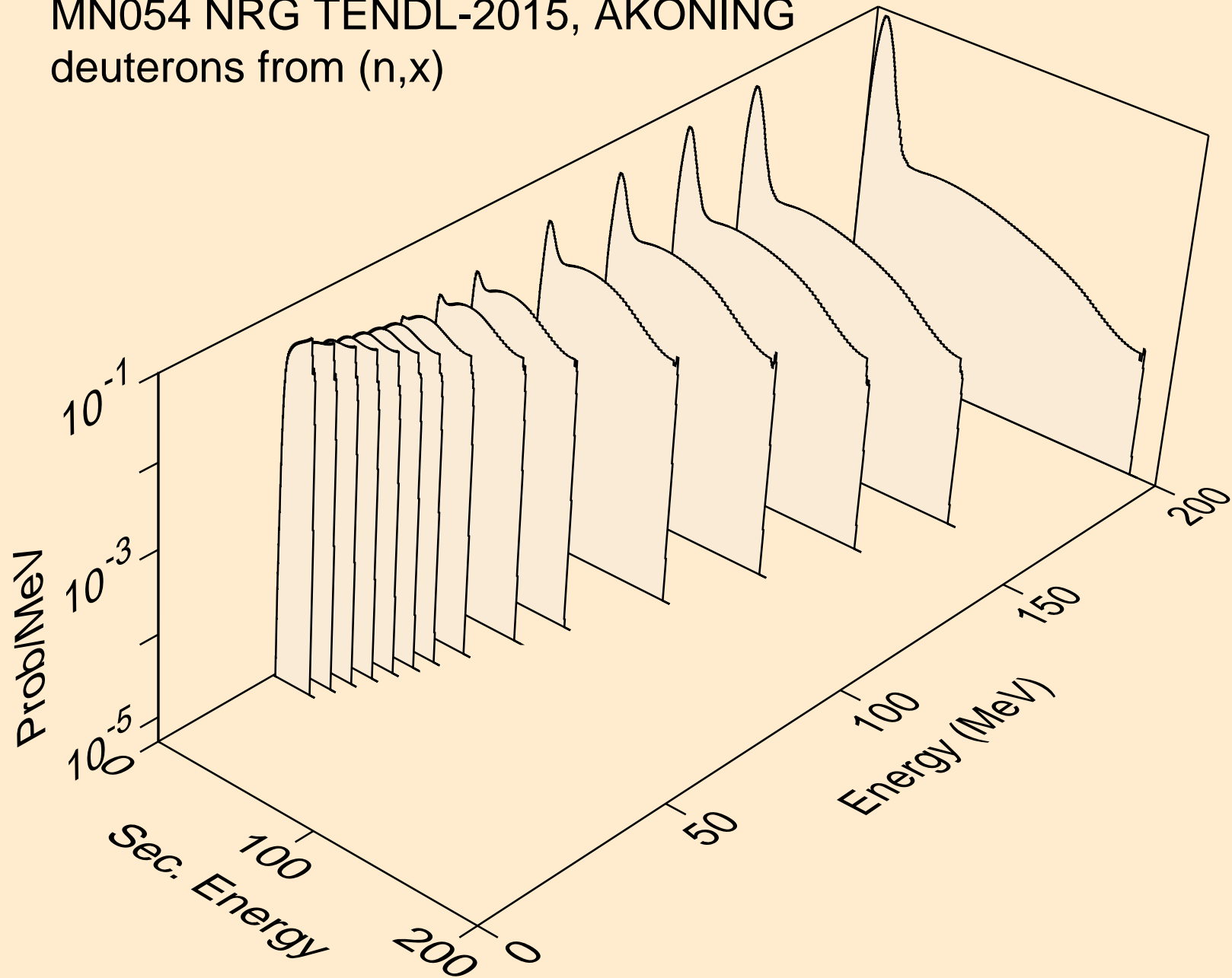




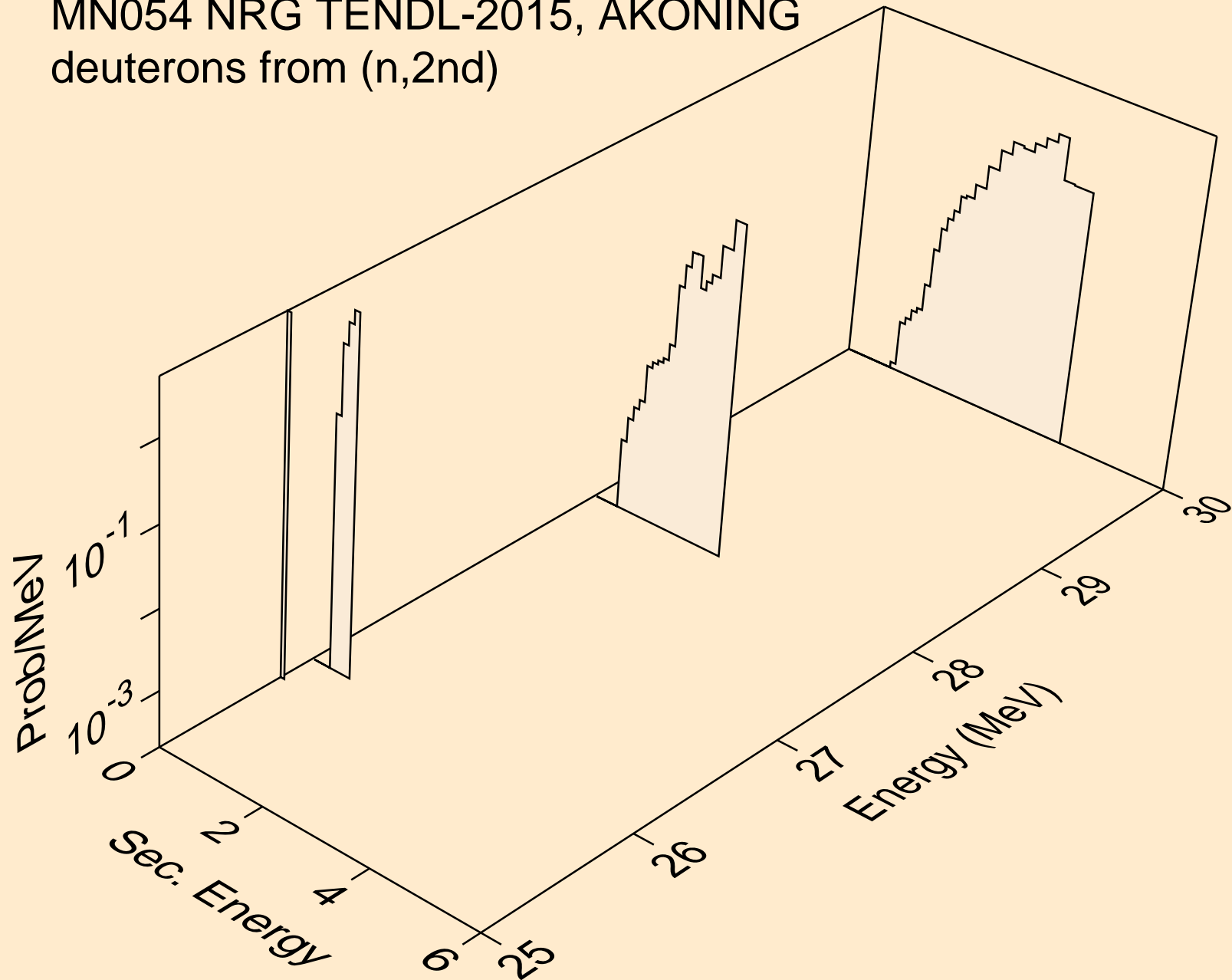
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protons from (n,pt)



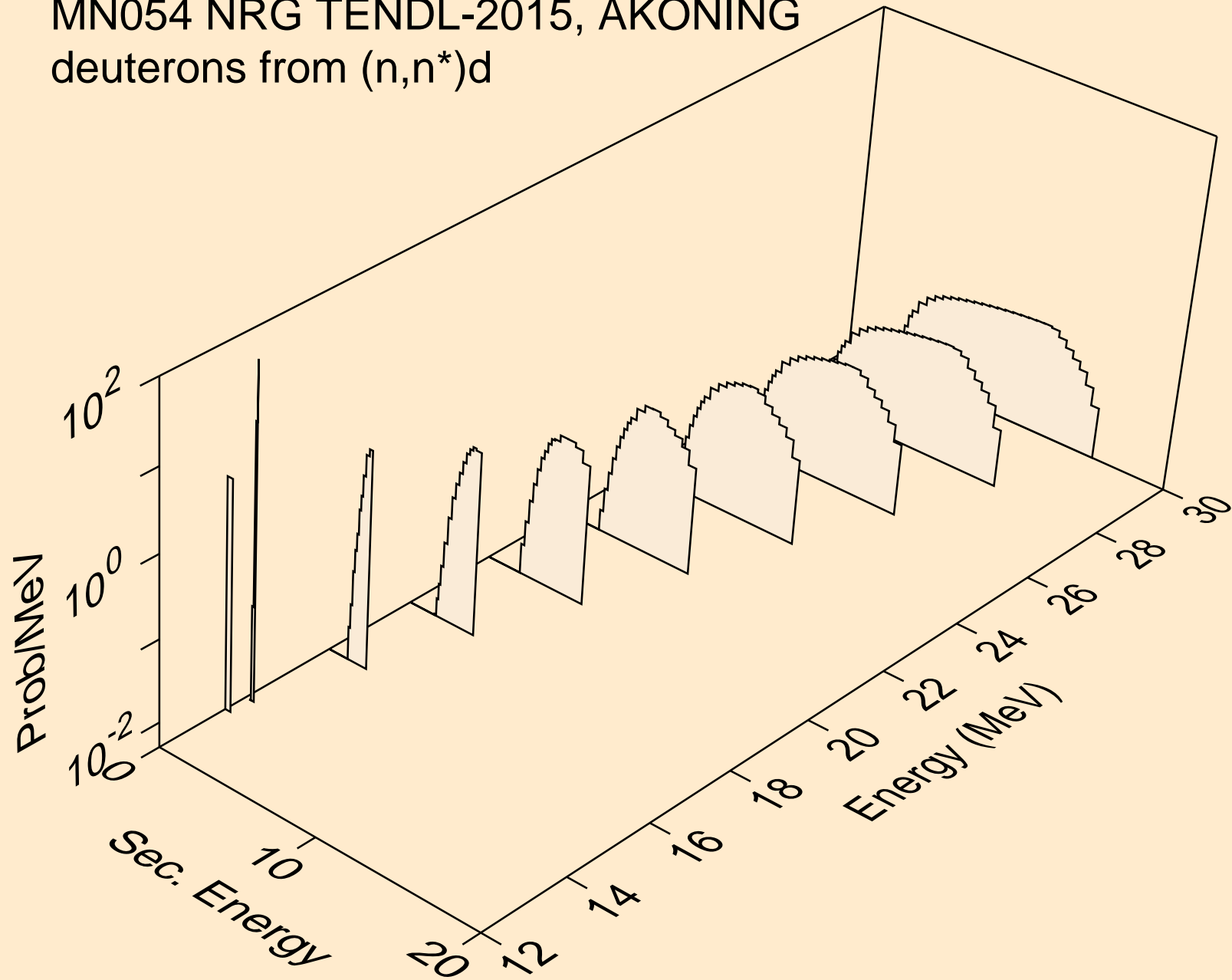
MN054 NRG TENDL-2015, AKONING  
deuterons from (n,x)



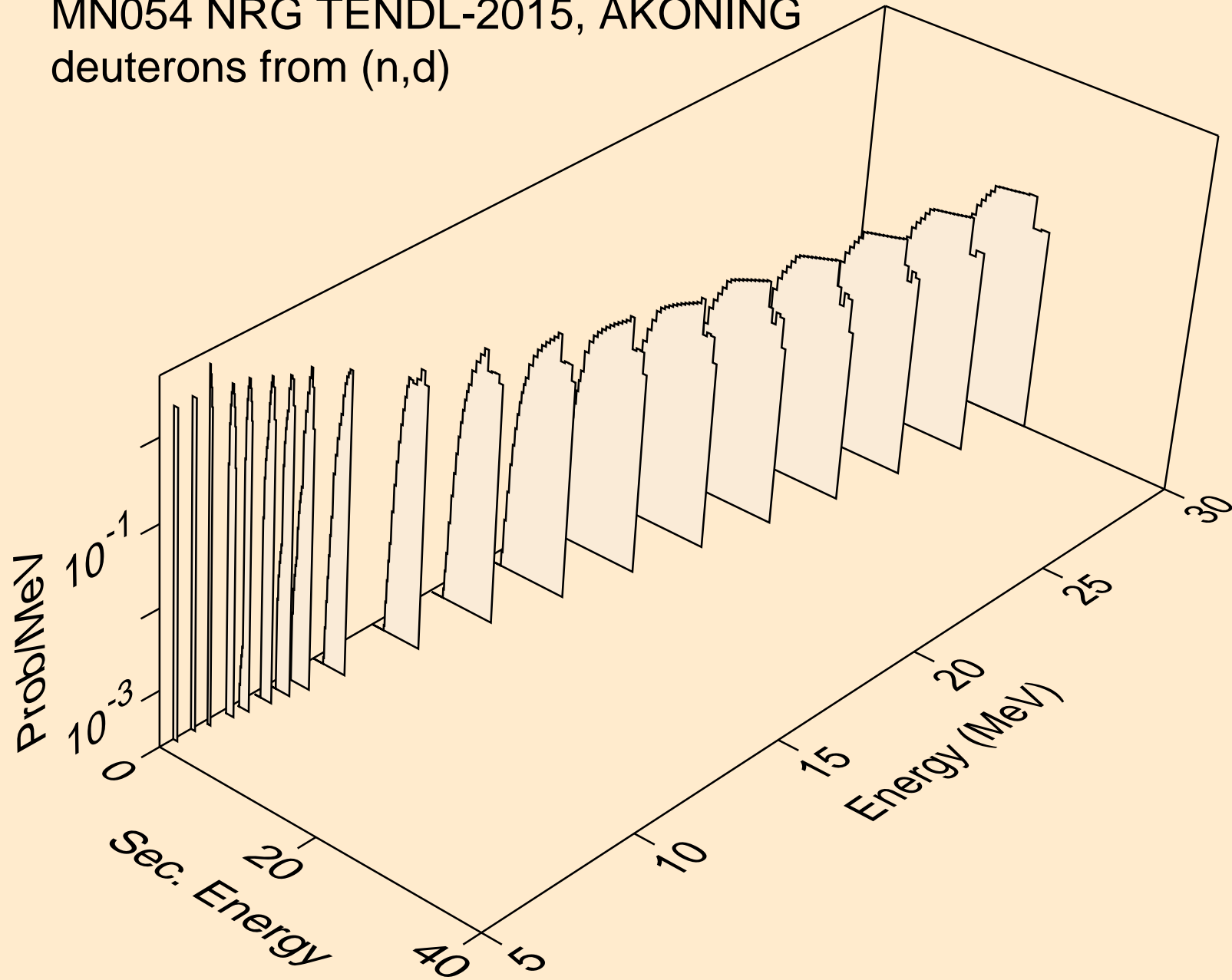
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deuterons from (n,2nd)



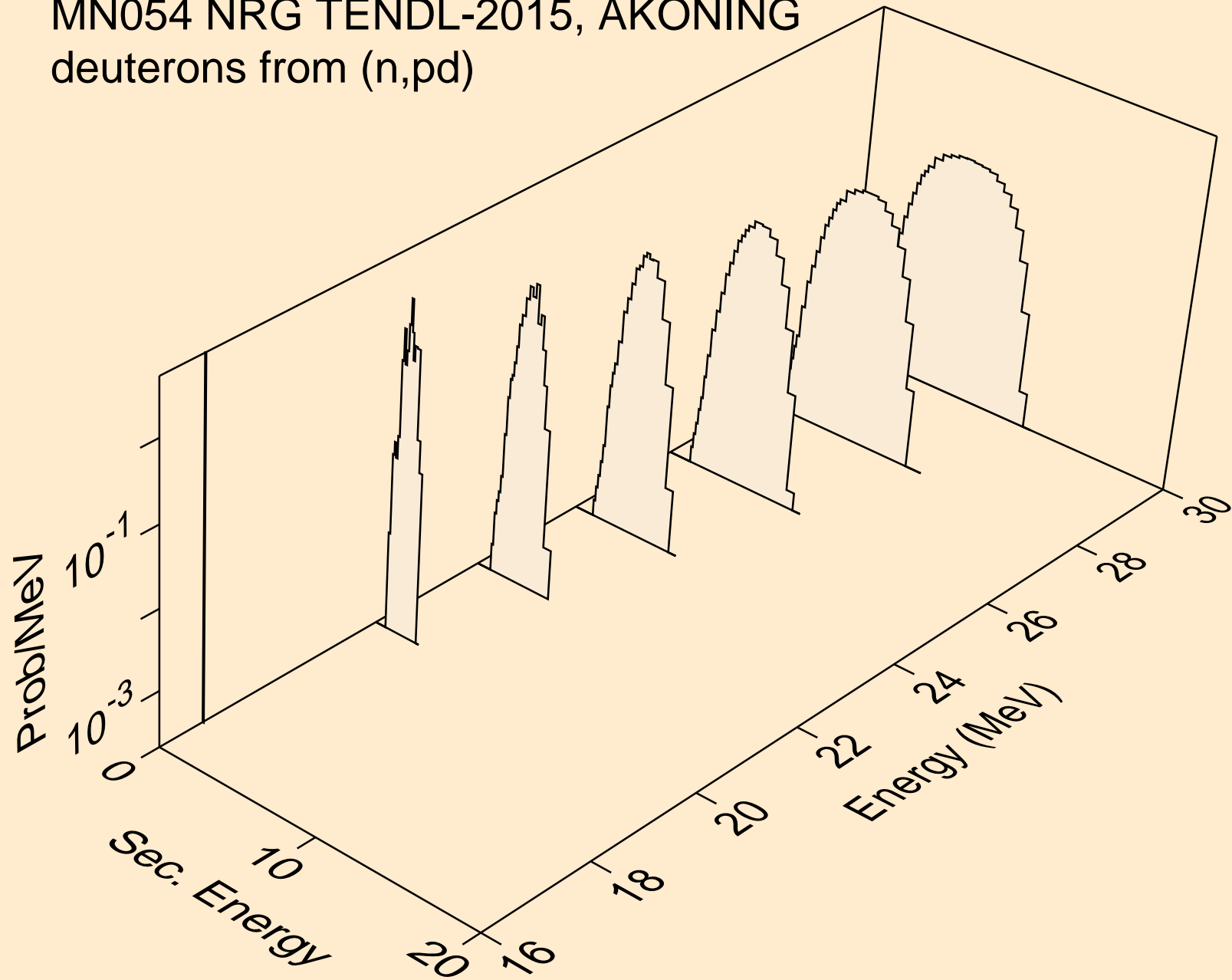
MN054 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



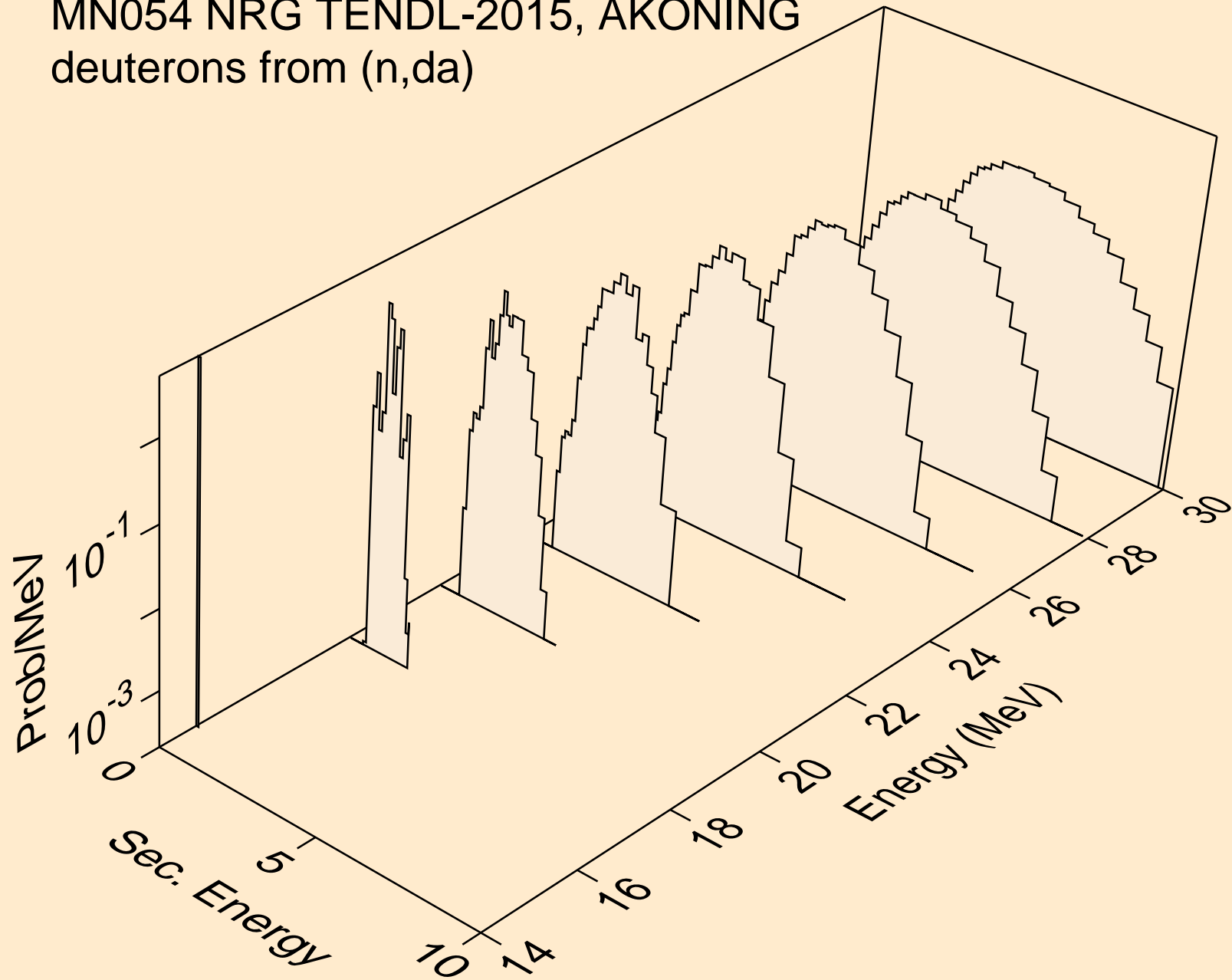
MN054 NRG TENDL-2015, AKONING  
deuterons from (n,d)



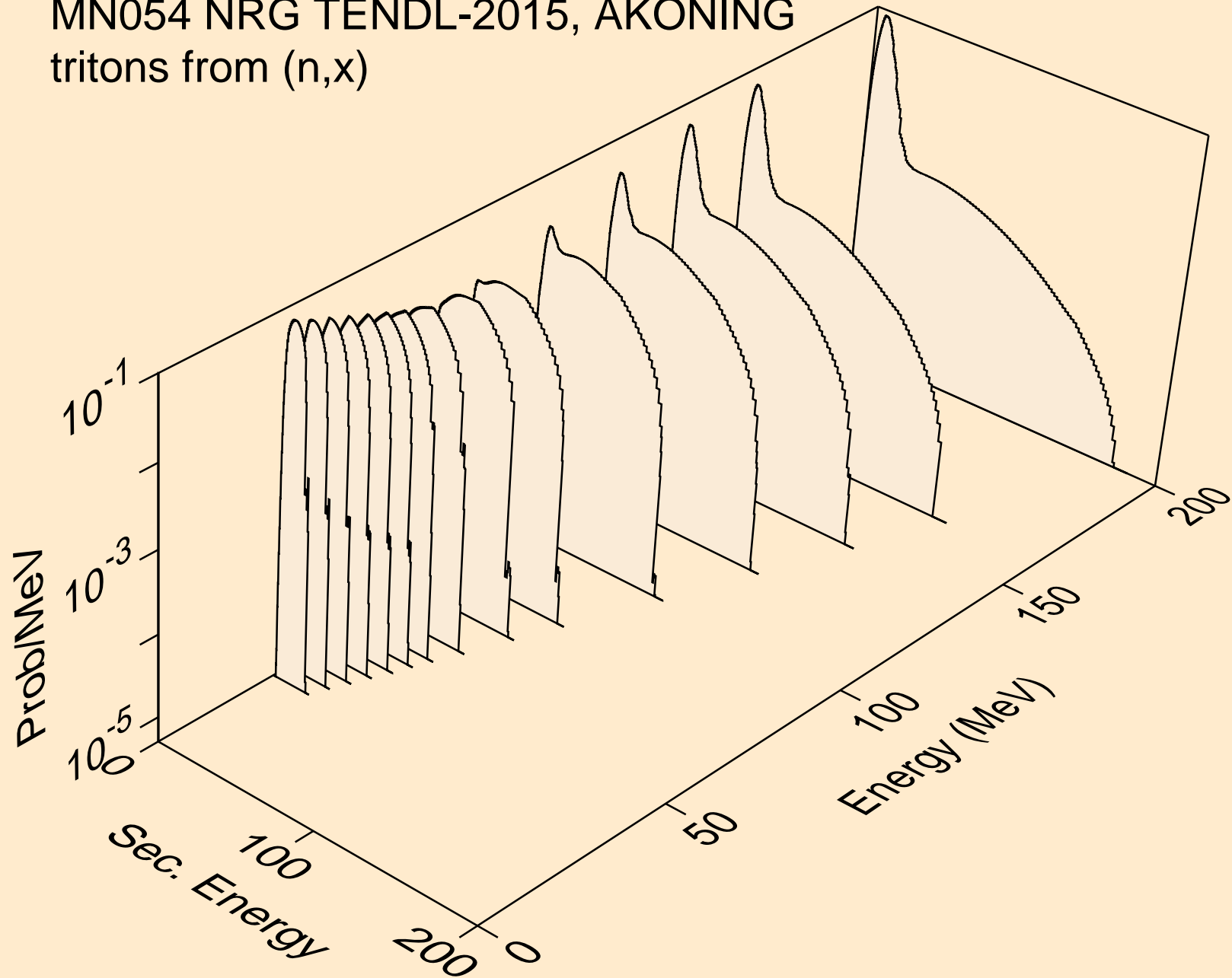
MN054 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



MN054 NRG TENDL-2015, AKONING  
deuterons from (n,da)

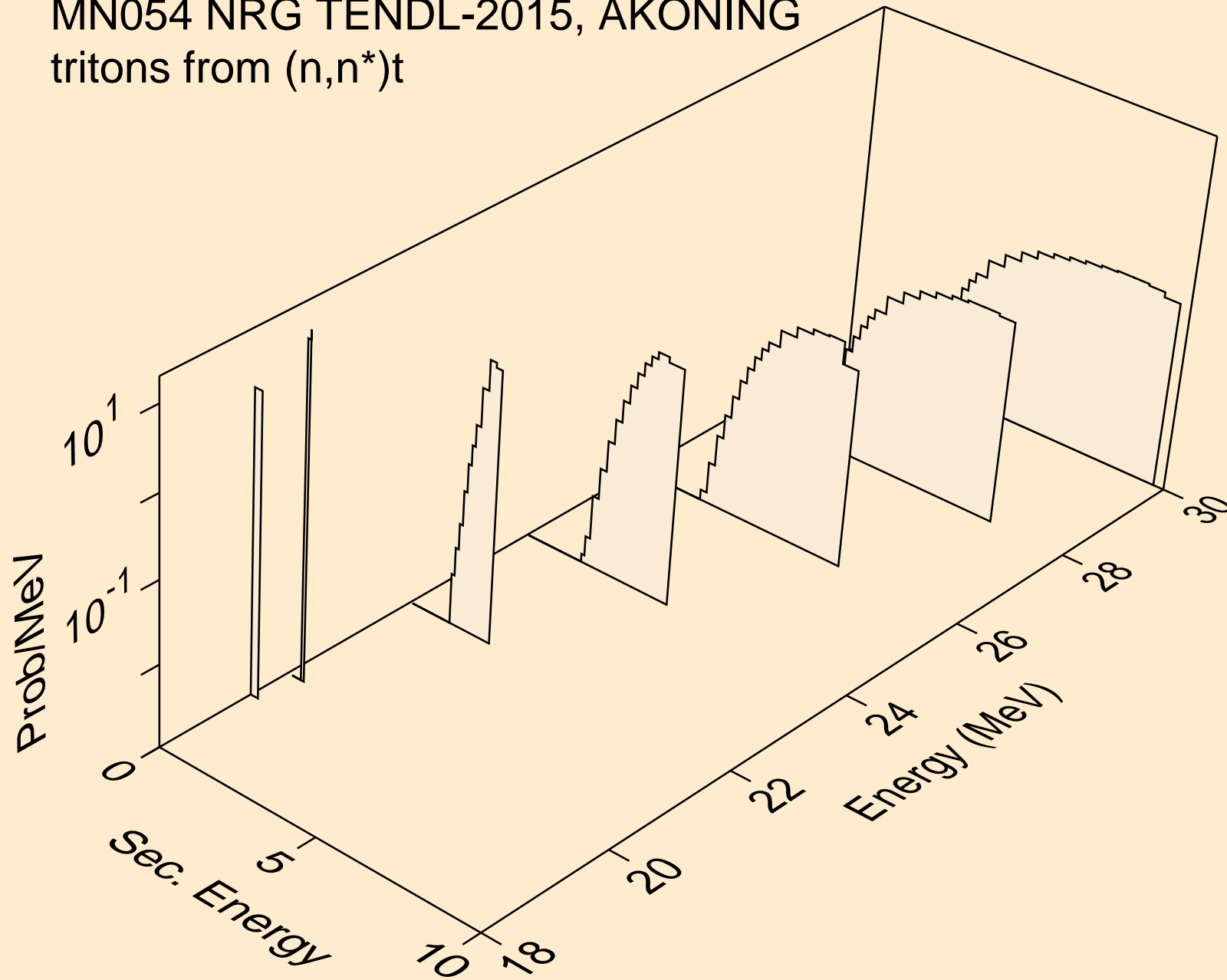


MN054 NRG TENDL-2015, AKONING  
tritons from (n,x)

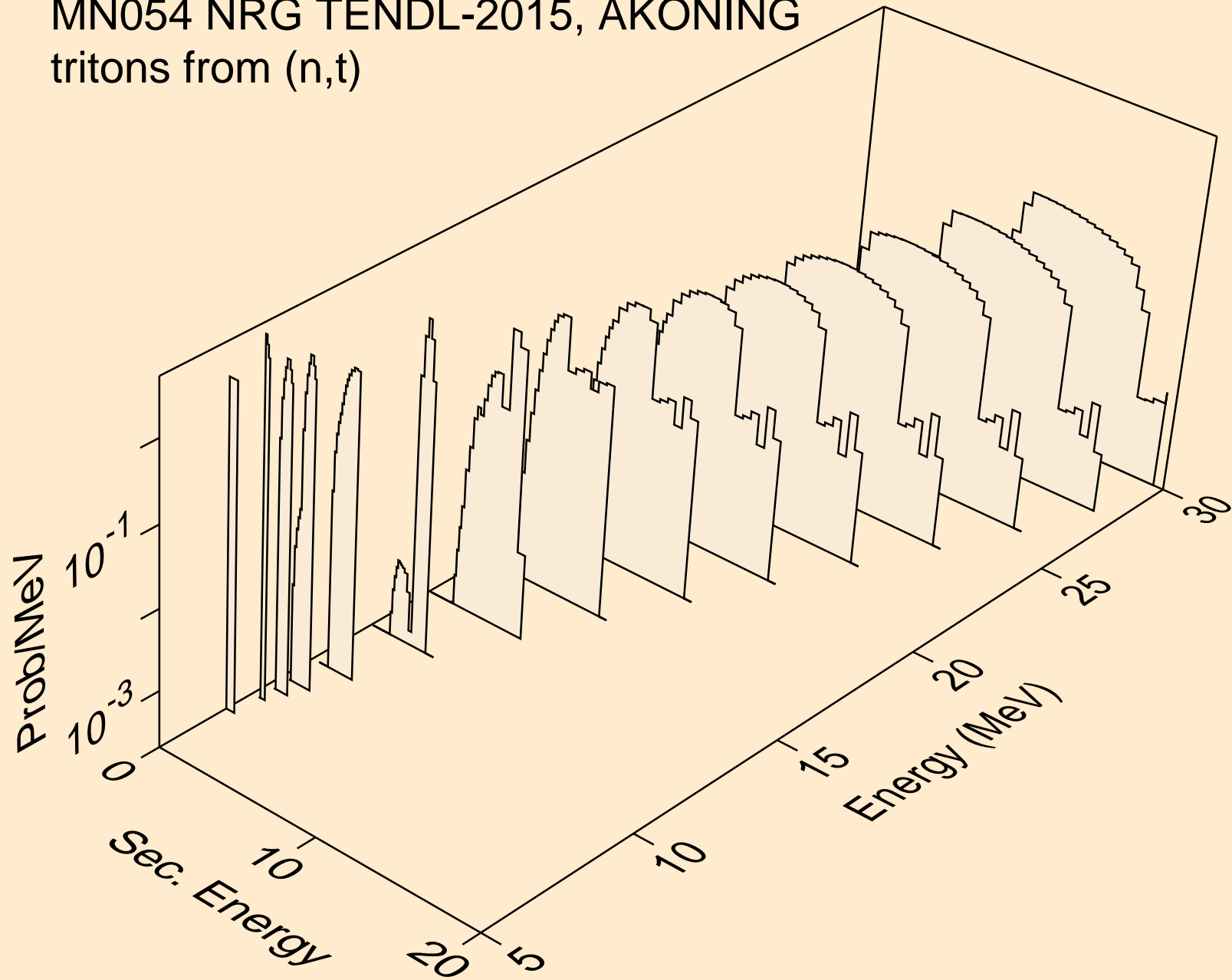




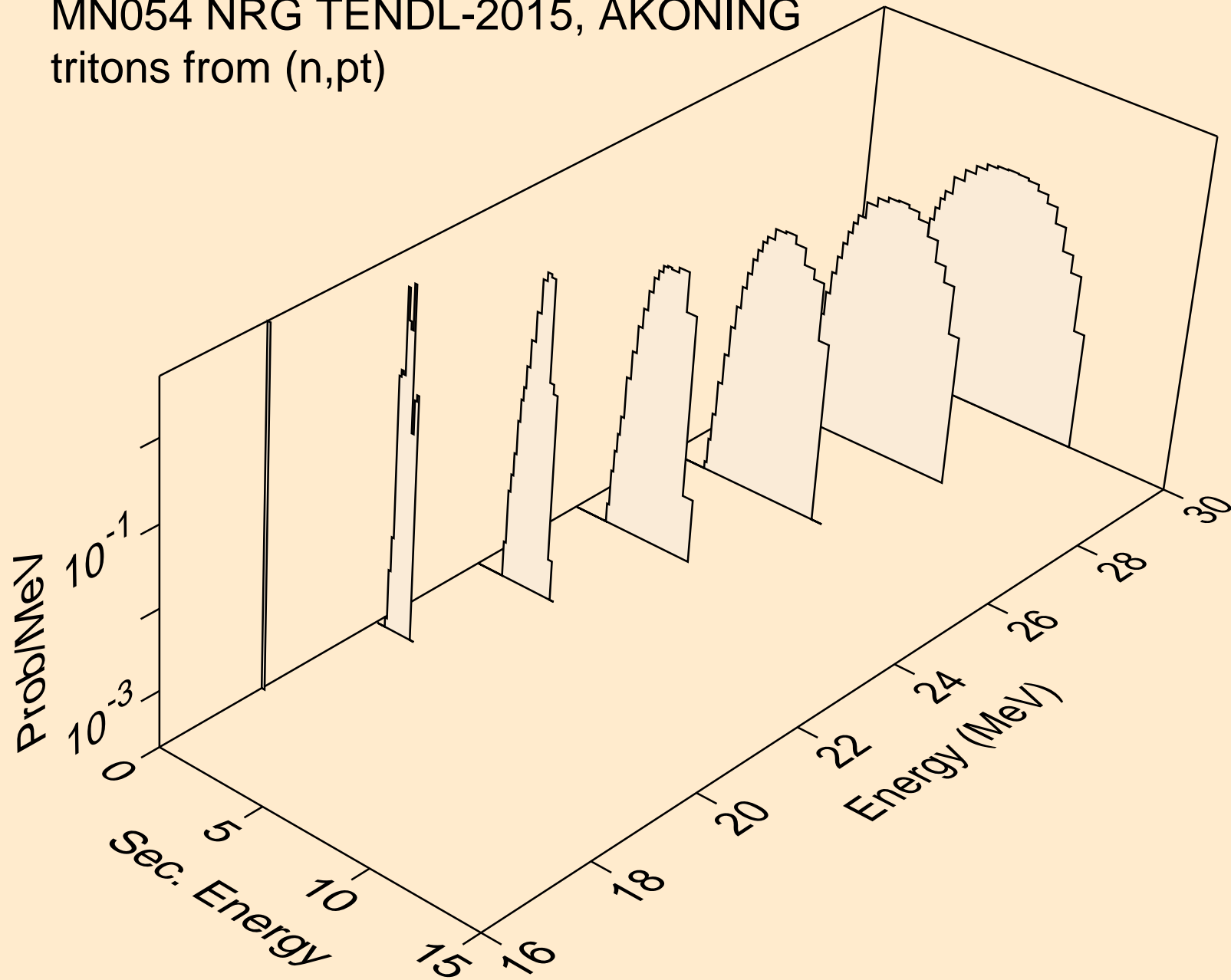
MN054 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



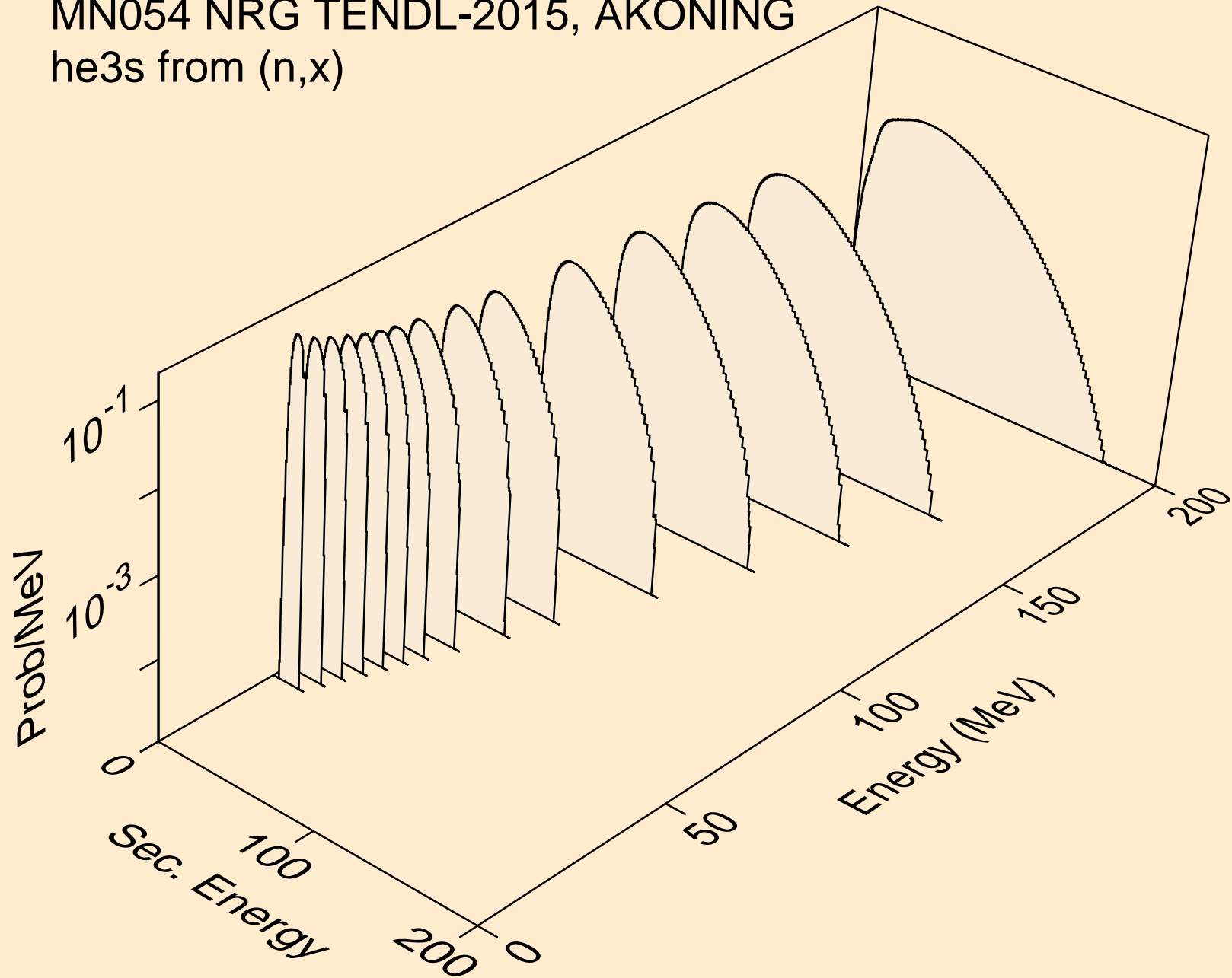
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tritons from (n,t)



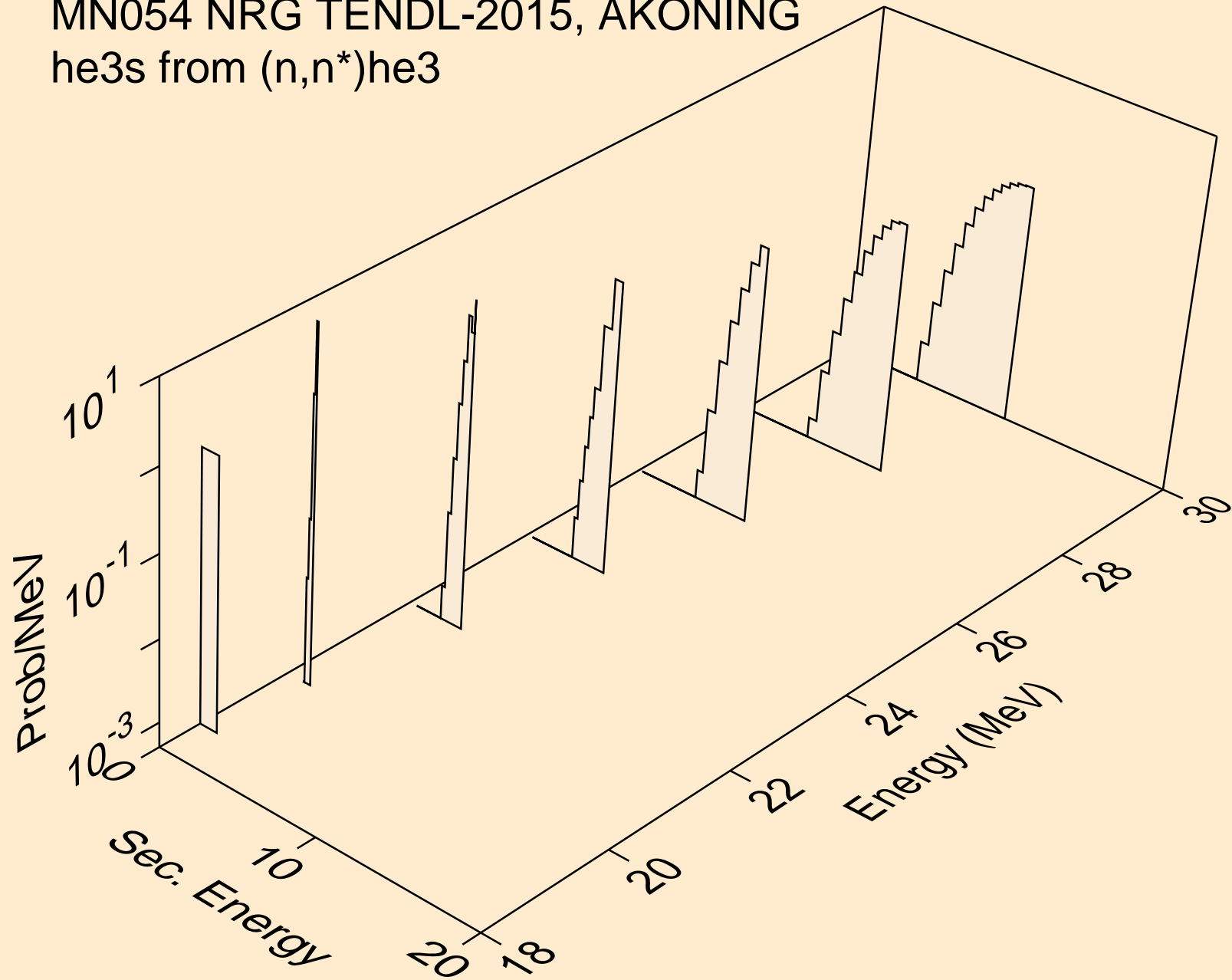
MN054 NRG TENDL-2015, AKONING  
tritons from (n,pt)



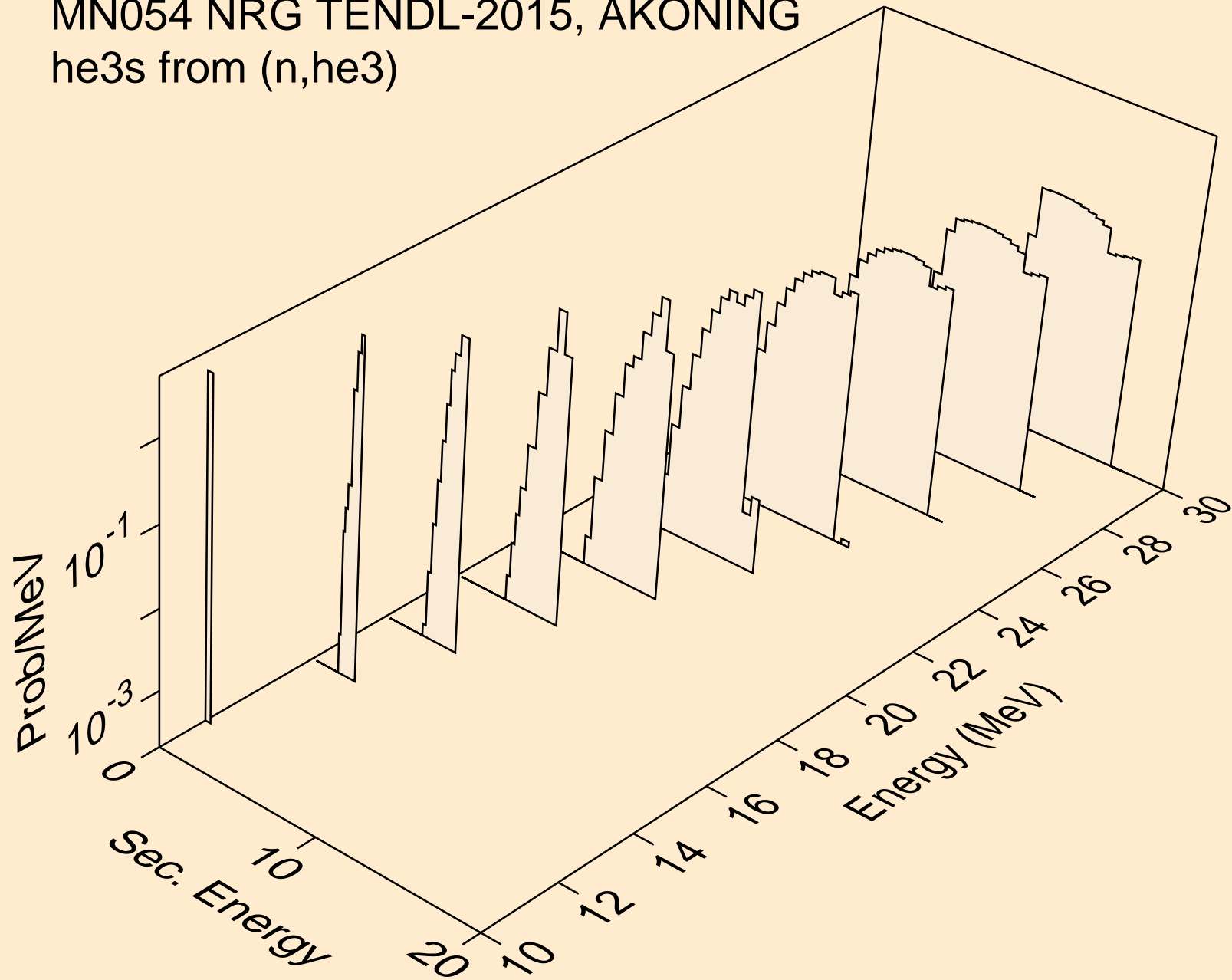
MN054 NRG TENDL-2015, AKONING  
he3s from (n,x)



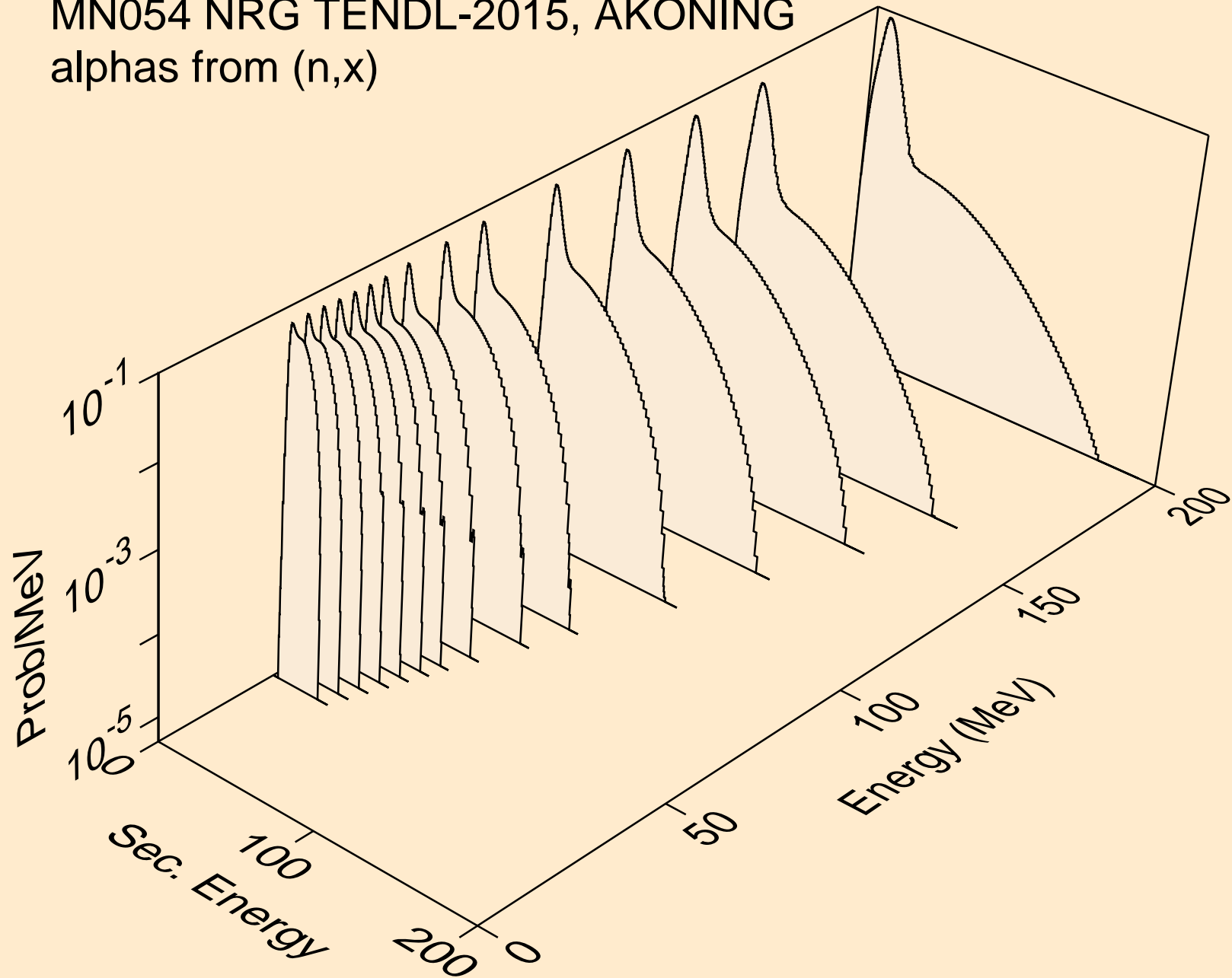
MN054 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



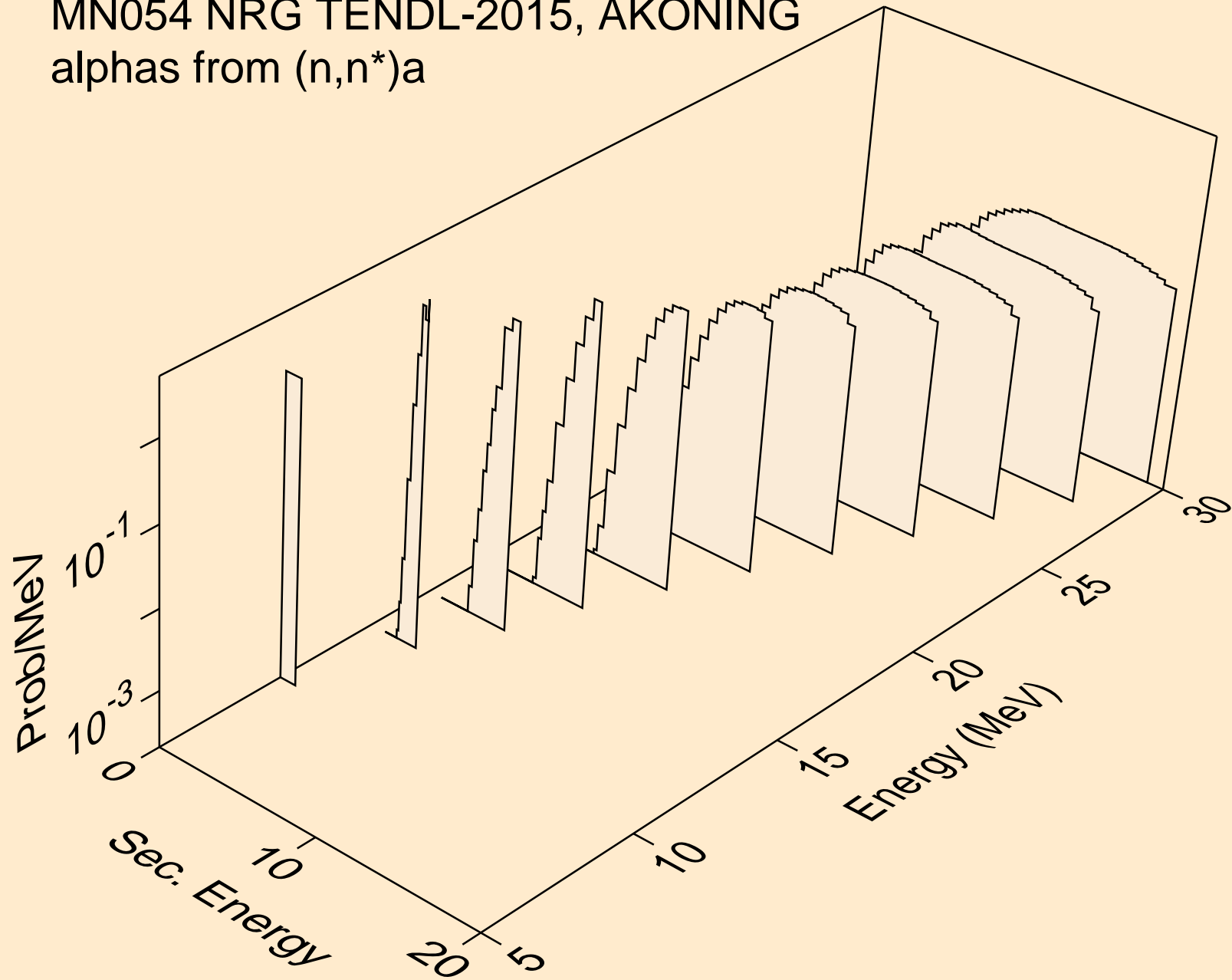
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he3s from (n,he3)



MN054 NRG TENDL-2015, AKONING  
alphas from (n,x)

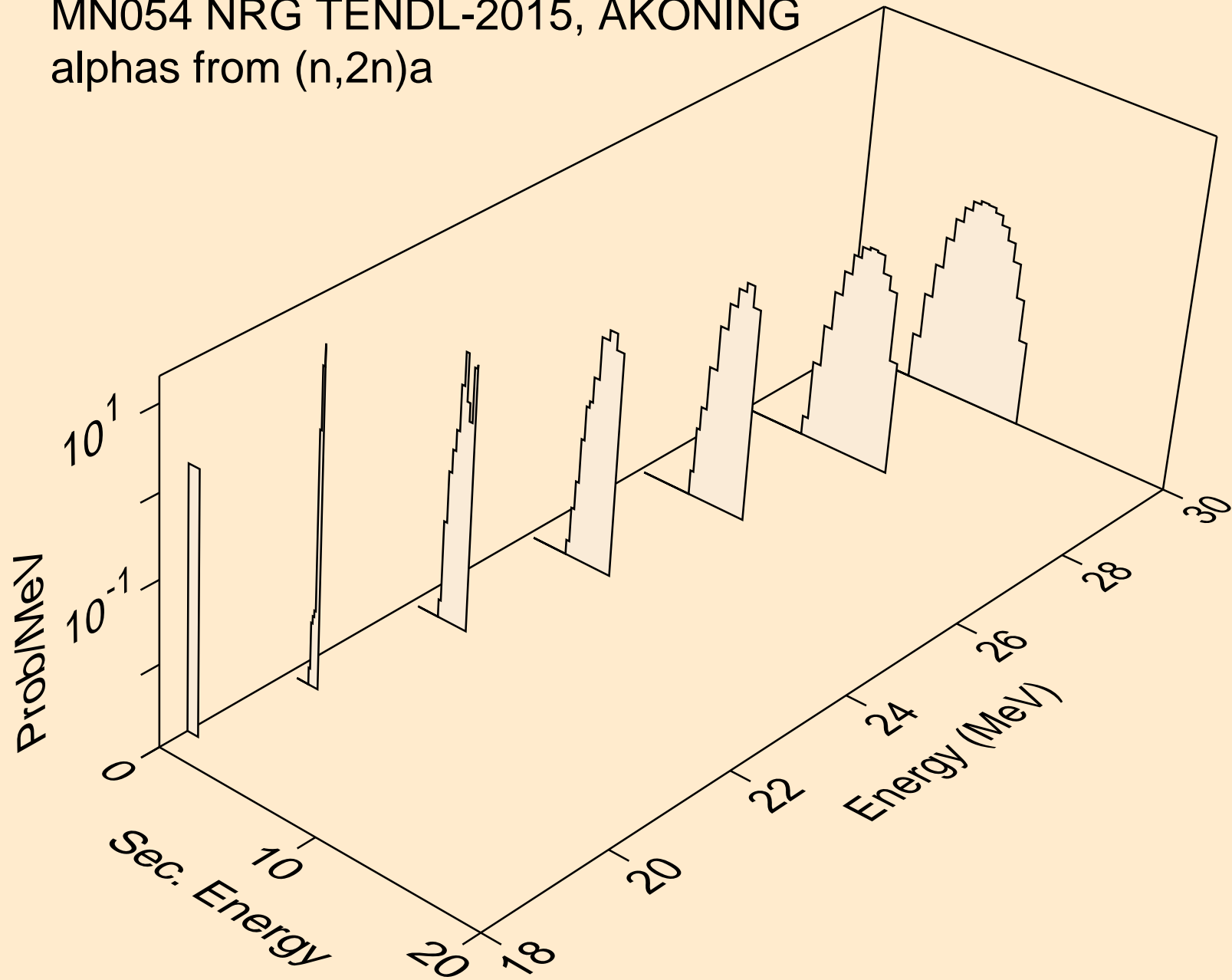


MN054 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

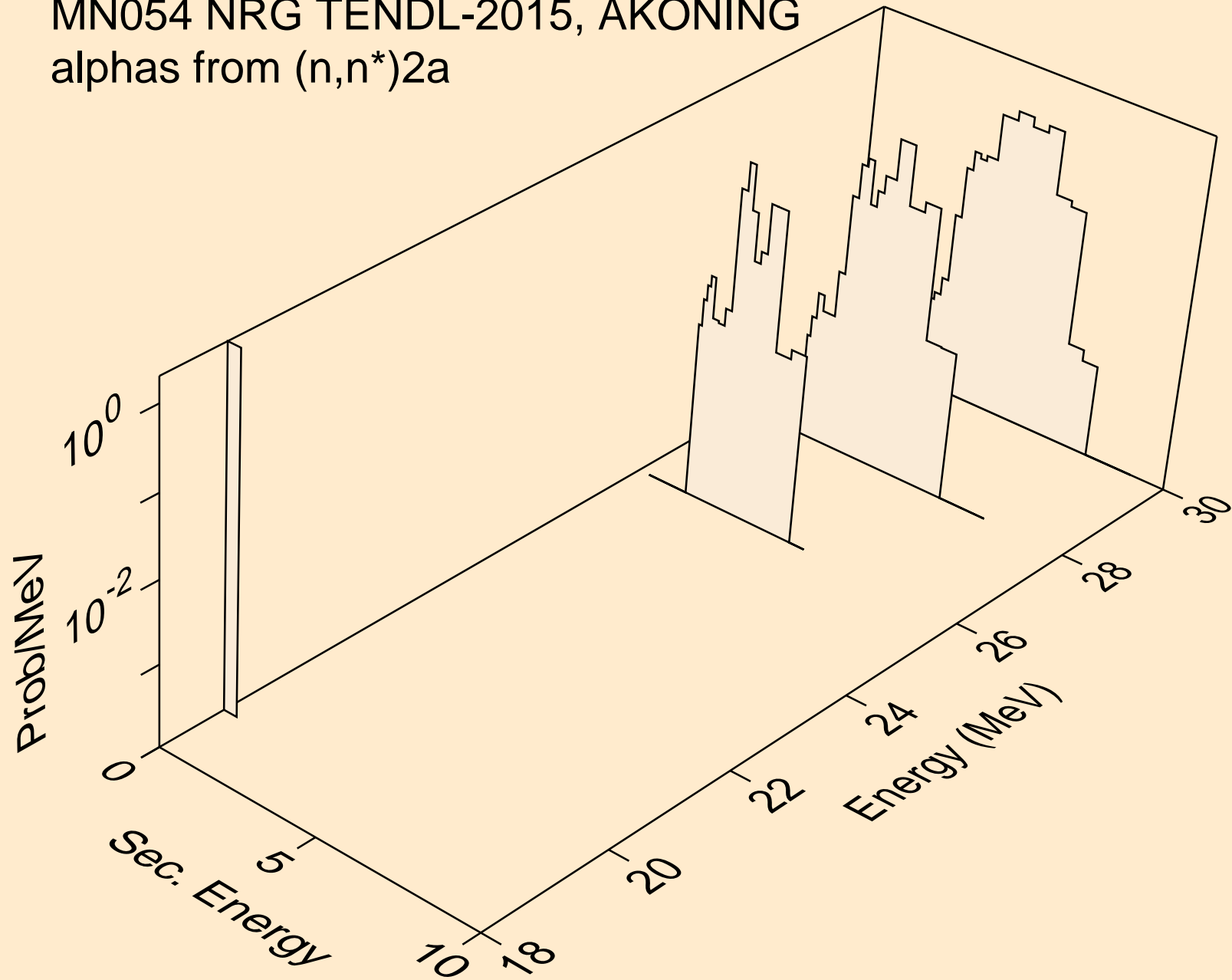




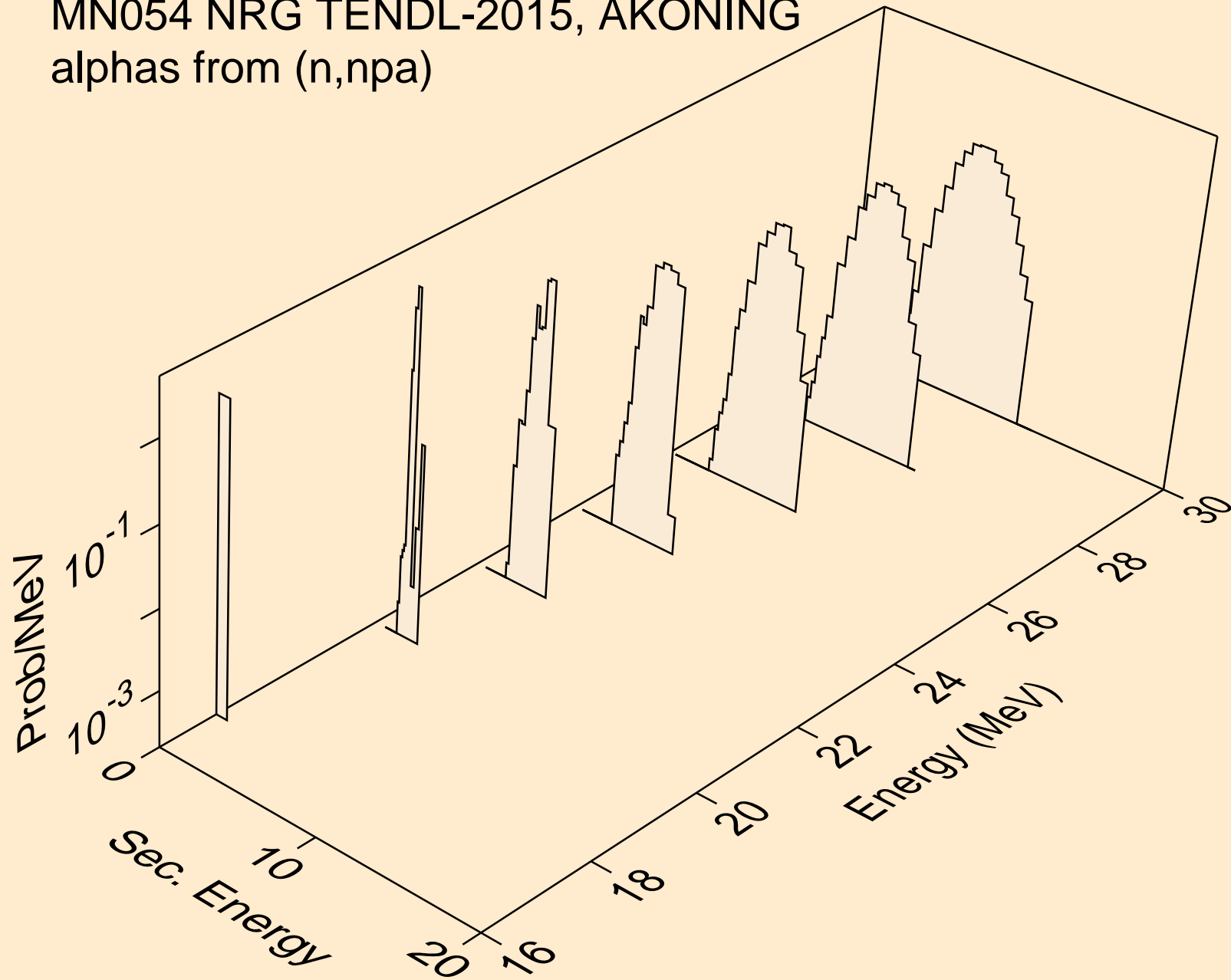
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alphas from (n,2n)a



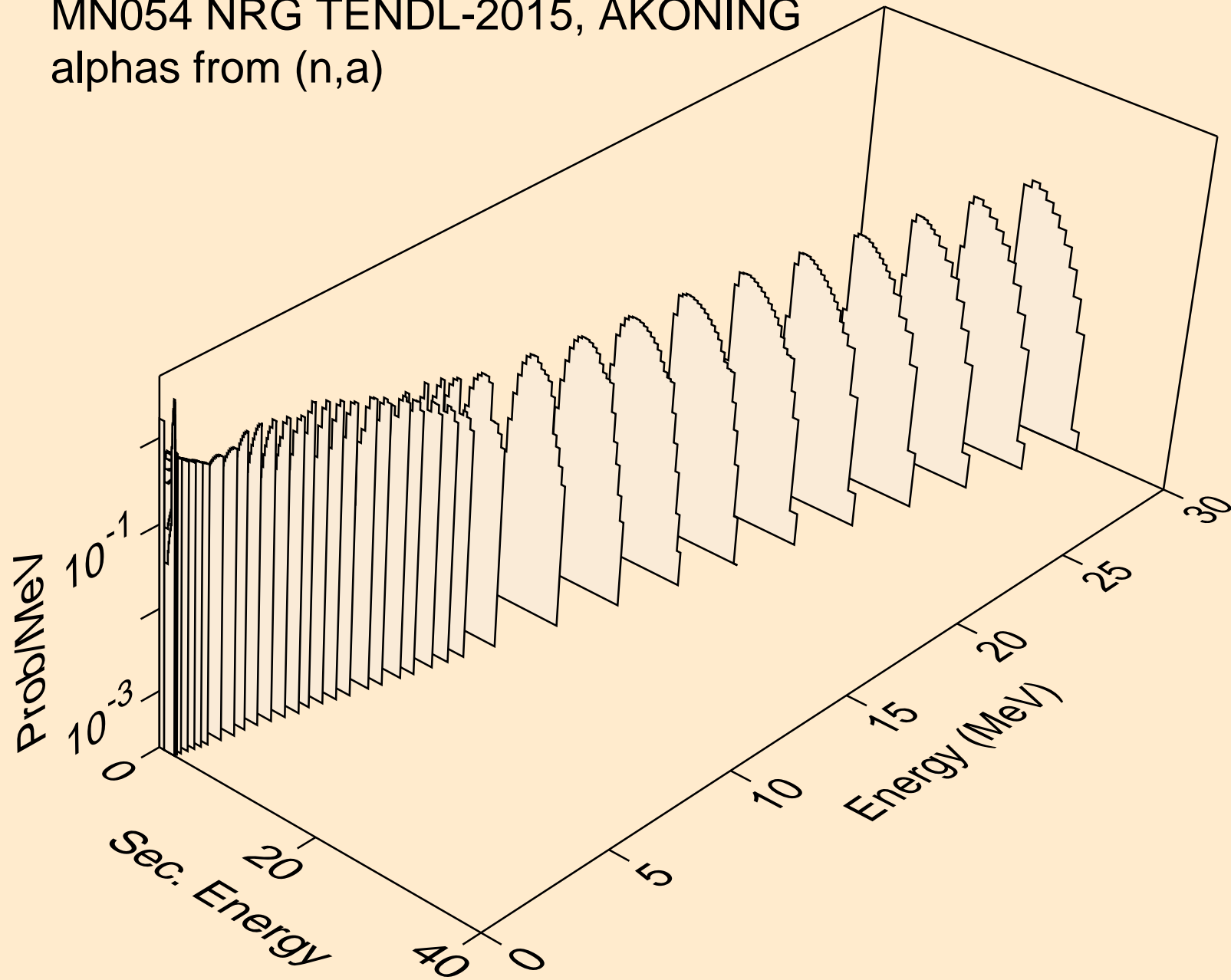
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alphas from (n,n\*)2a



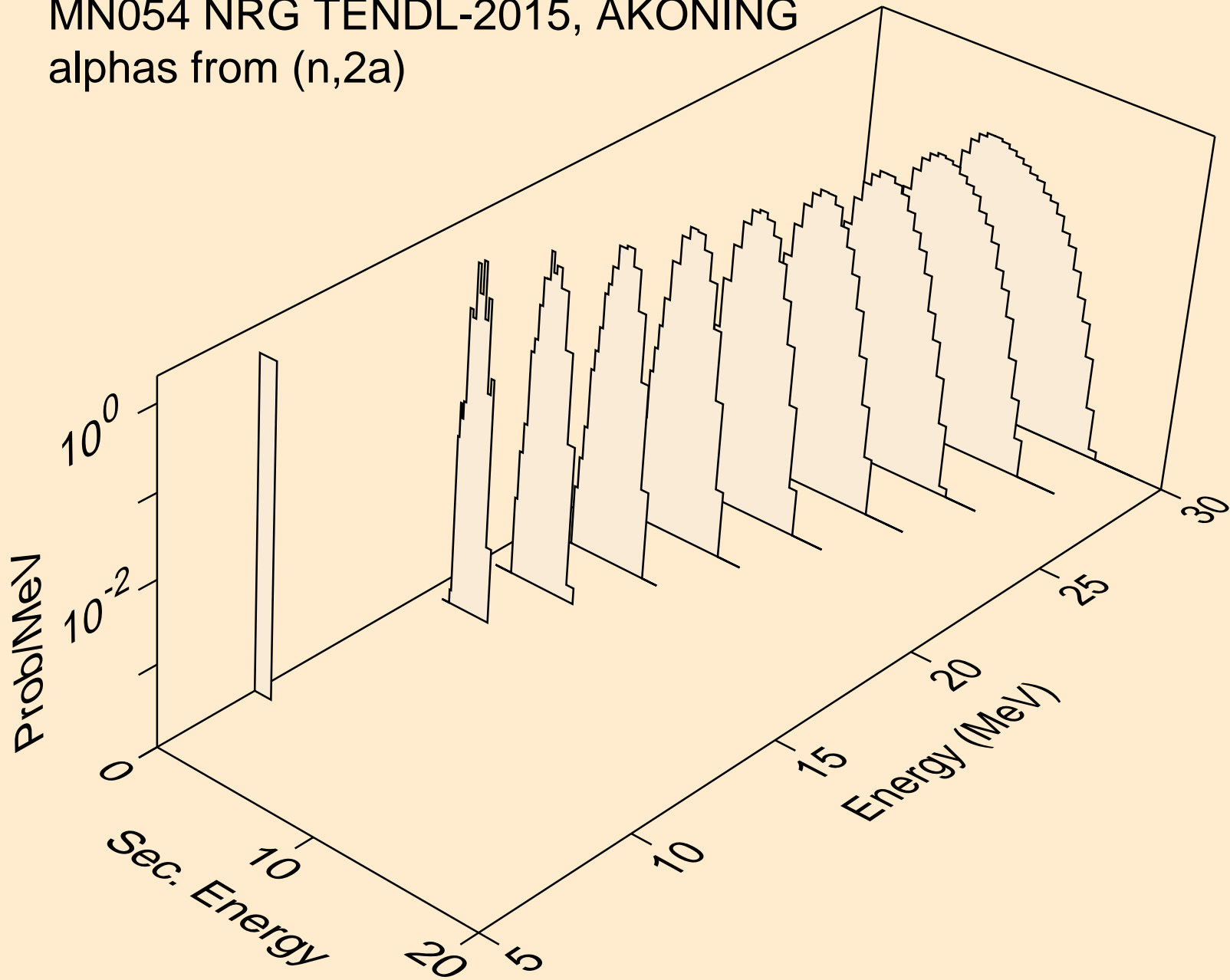
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alphas from (n,npa)



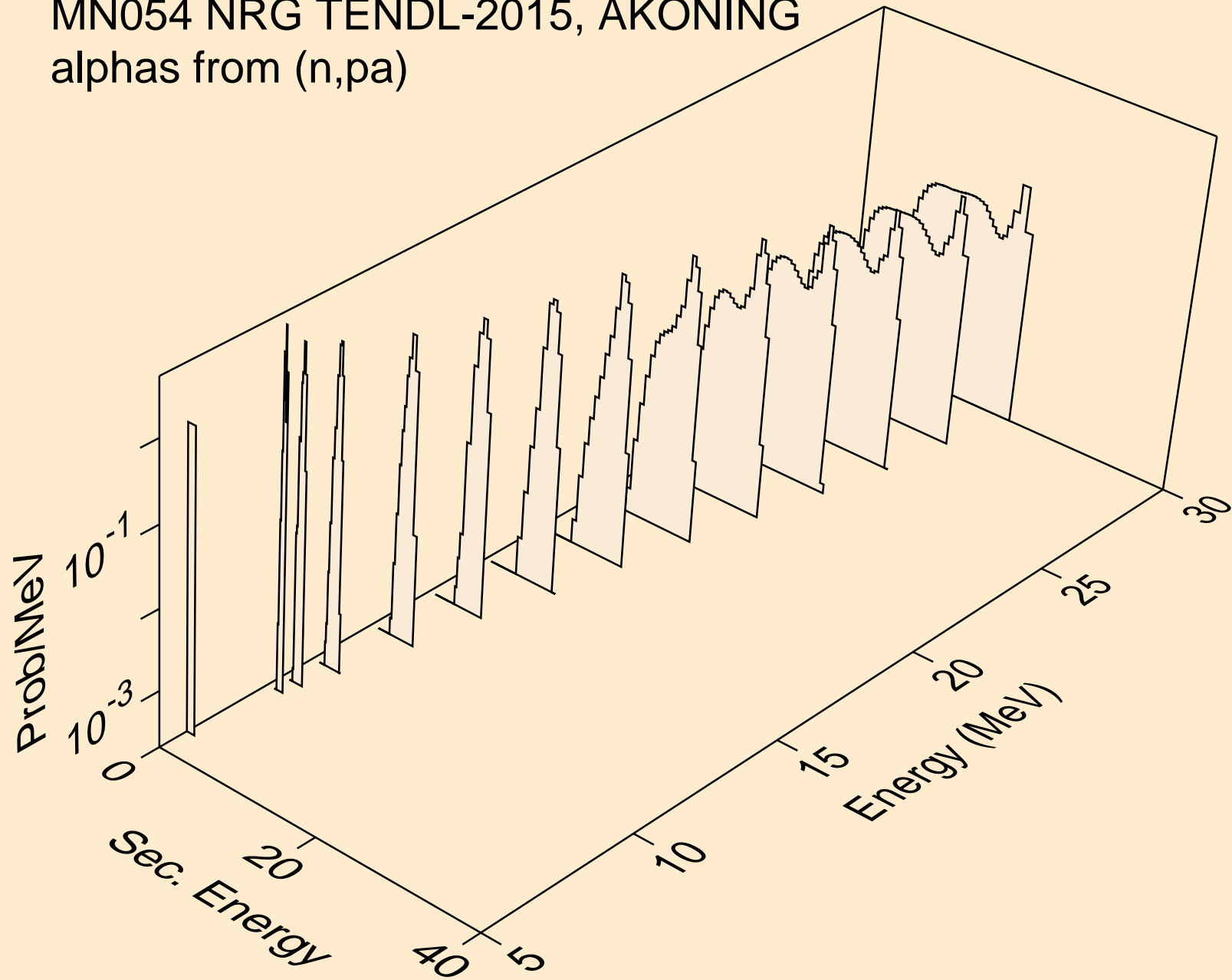
MN054 NRG TENDL-2015, AKONING  
alphas from (n,a)



MN054 NRG TENDL-2015, AKONING  
alphas from (n,2a)



MN054 NRG TENDL-2015, AKONING  
alphas from (n,pa)



MN054 NRG TENDL-2015, AKONING  
alphas from (n,da)

