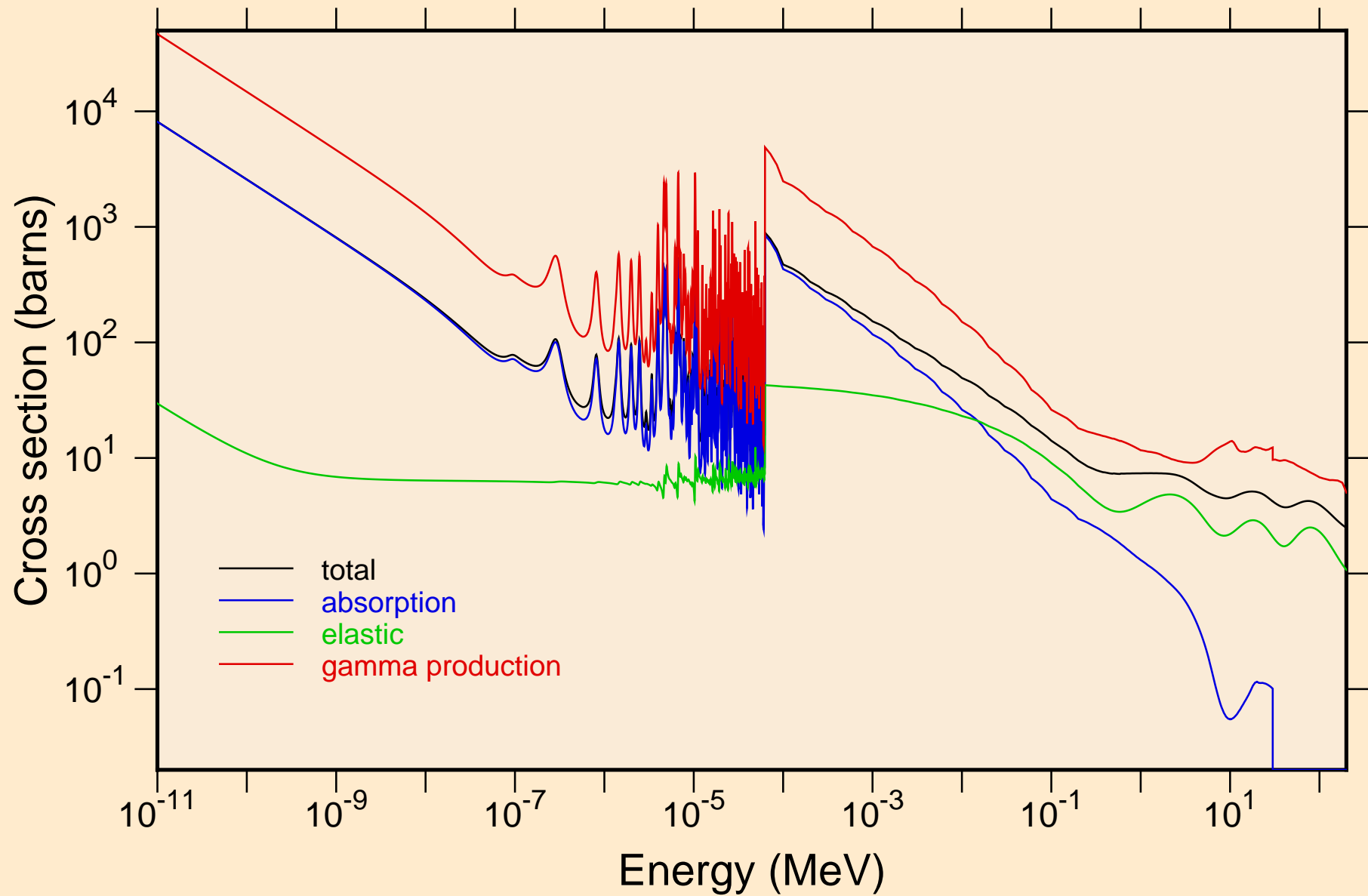
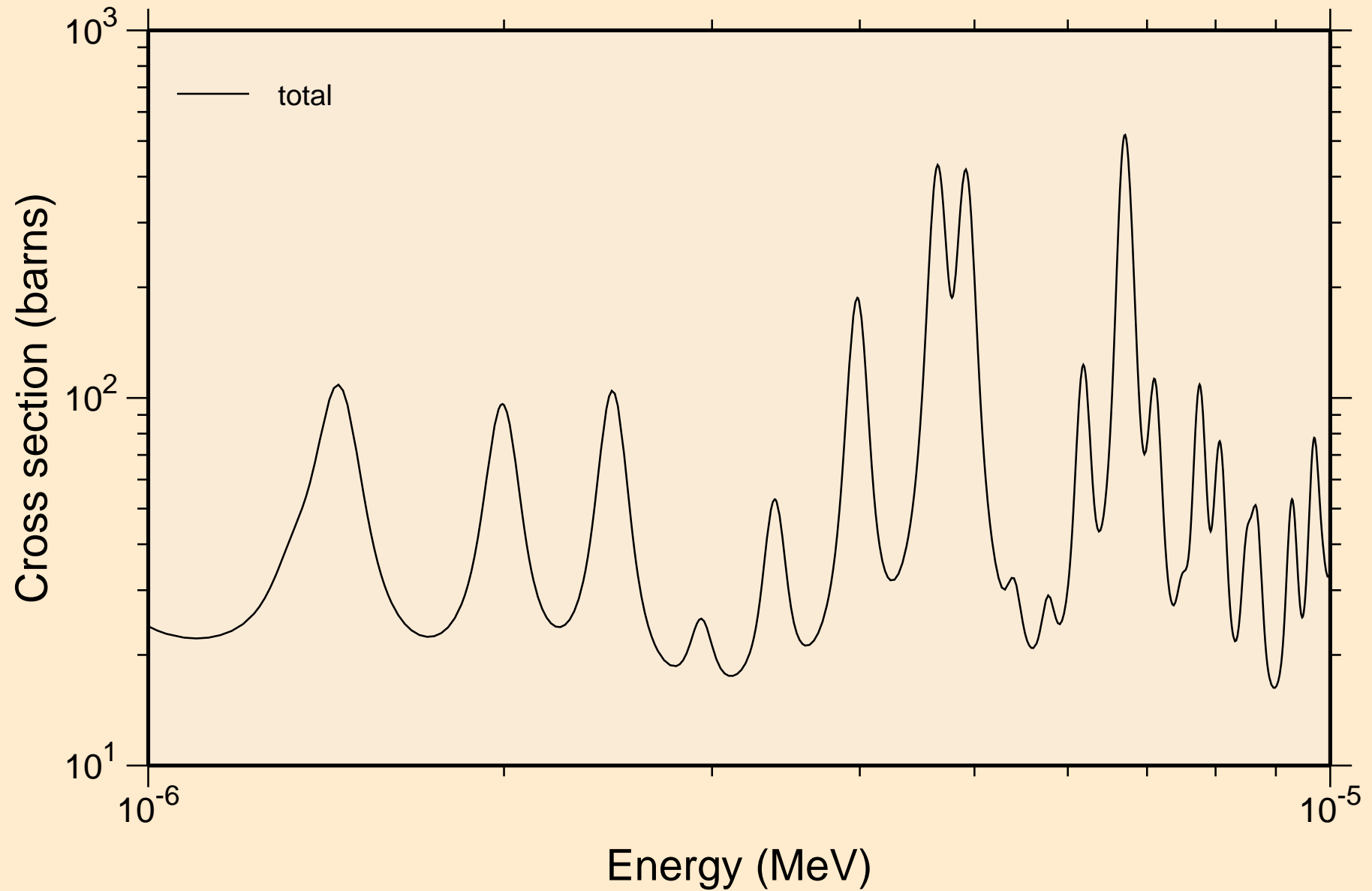


# TM159 NRG TENDL-2015, AKONING

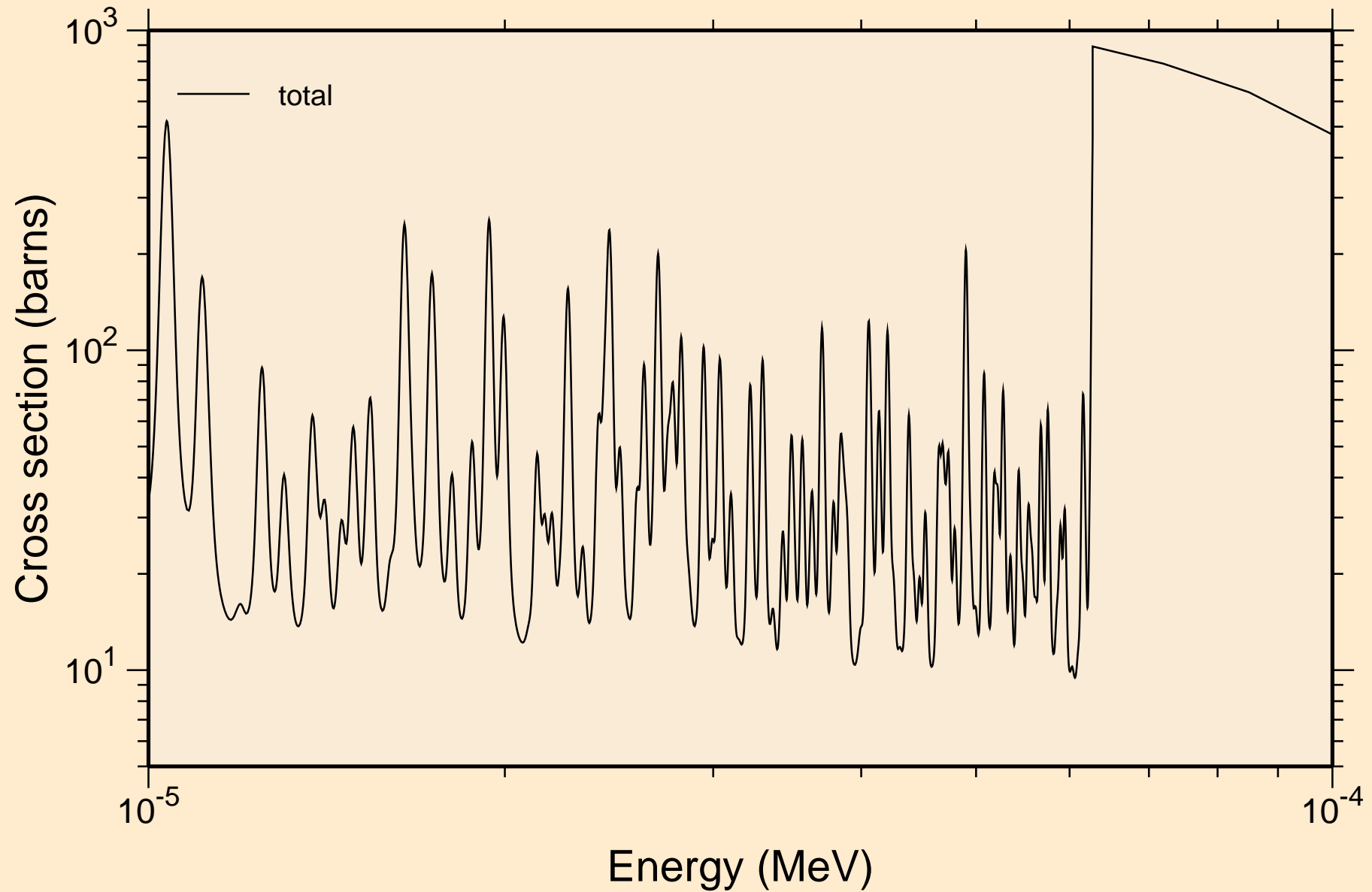
## Principal cross sections



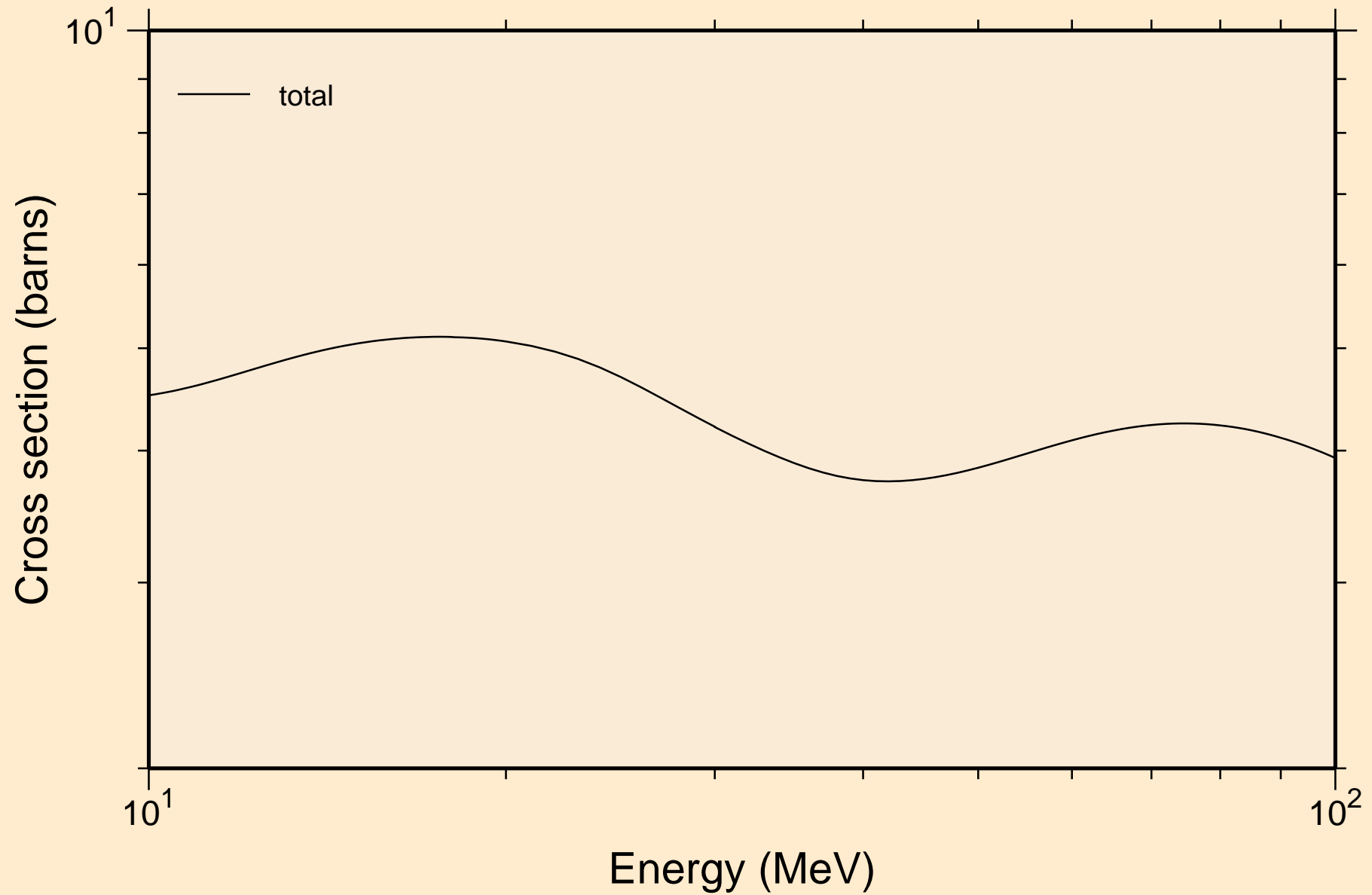
TM159 NRG TENDL-2015, AKONING  
resonance total cross section



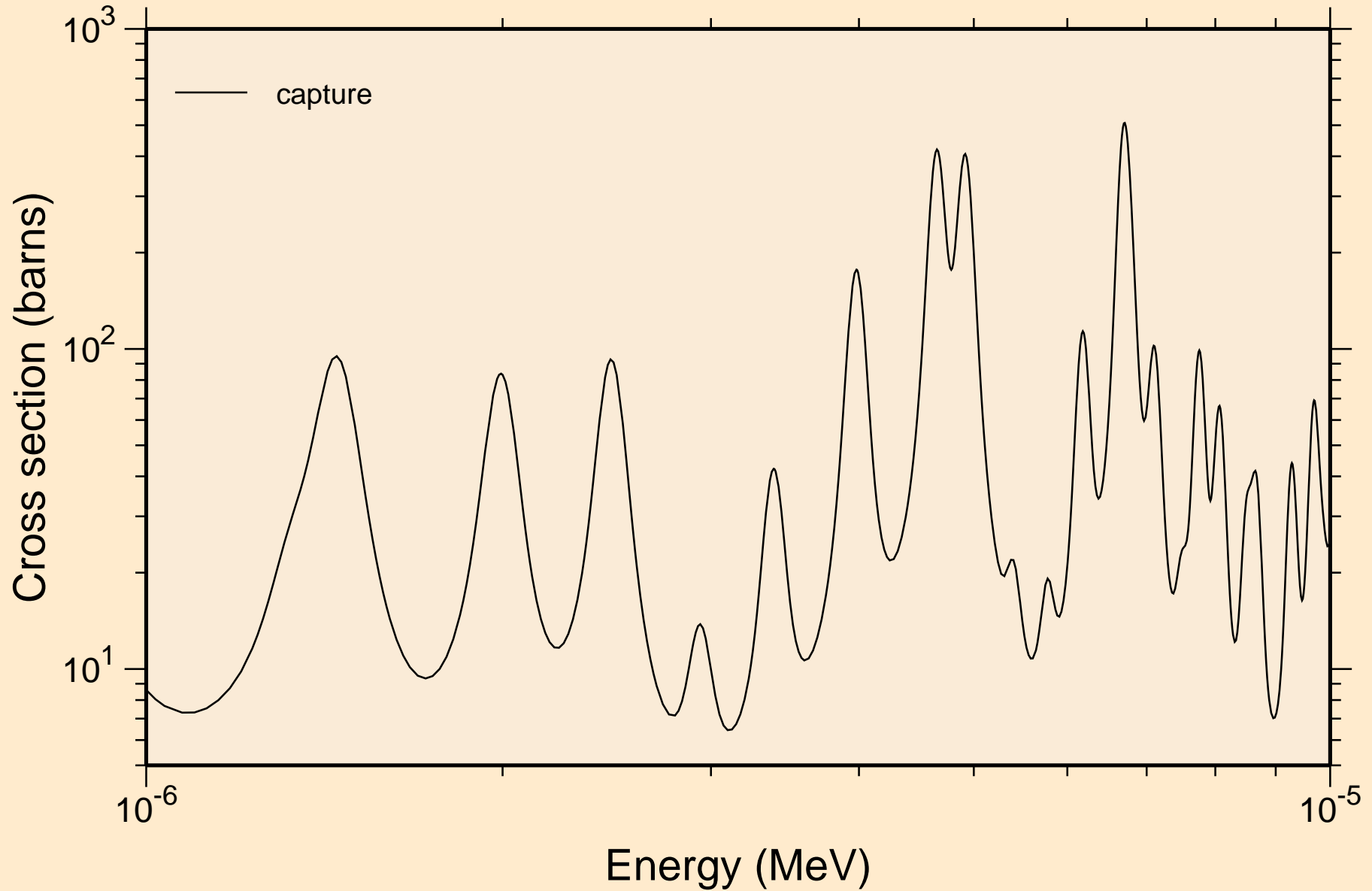
TM159 NRG TENDL-2015, AKONING  
resonance total cross section



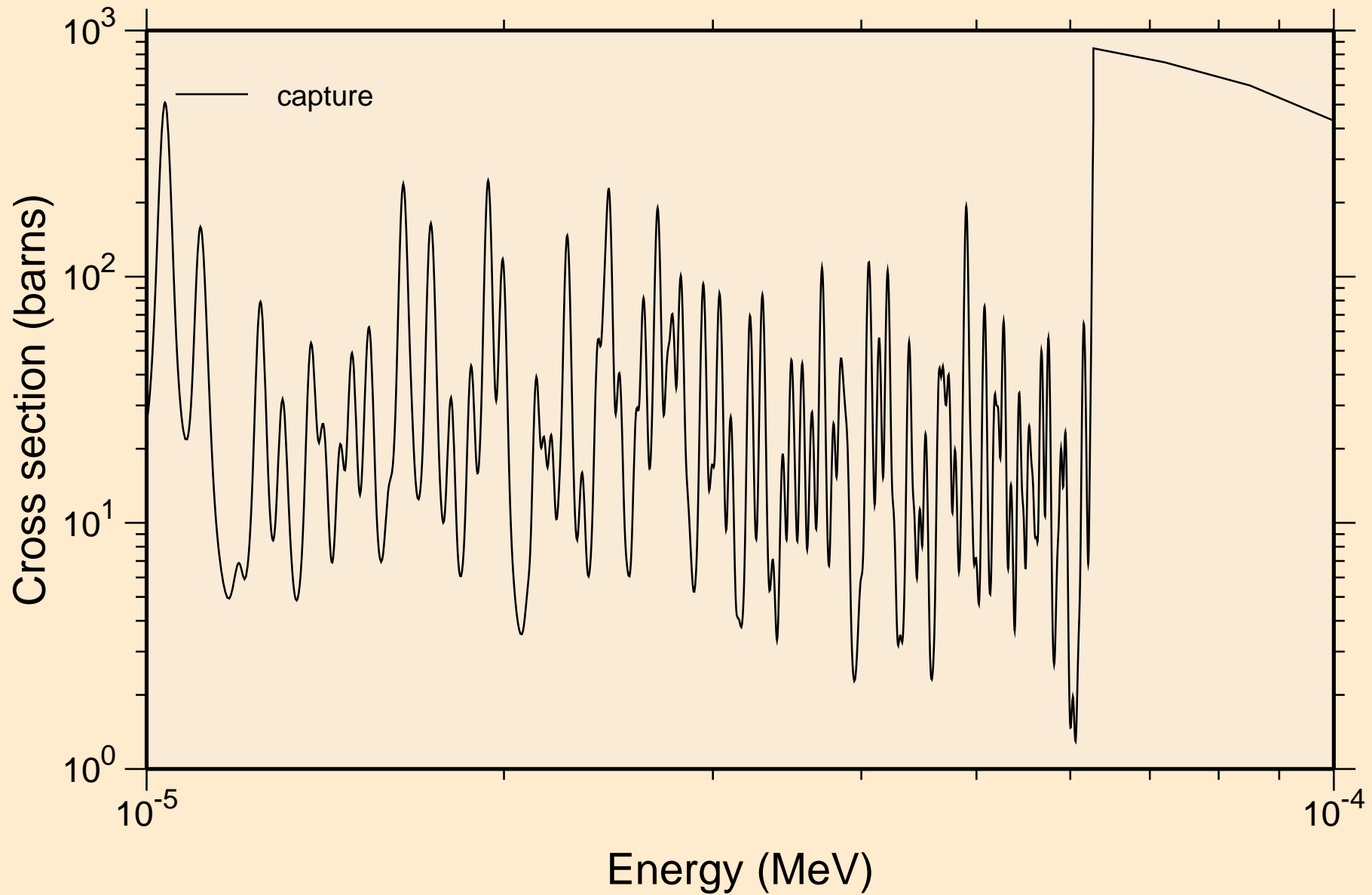
TM159 NRG TENDL-2015, AKONING  
resonance total cross section



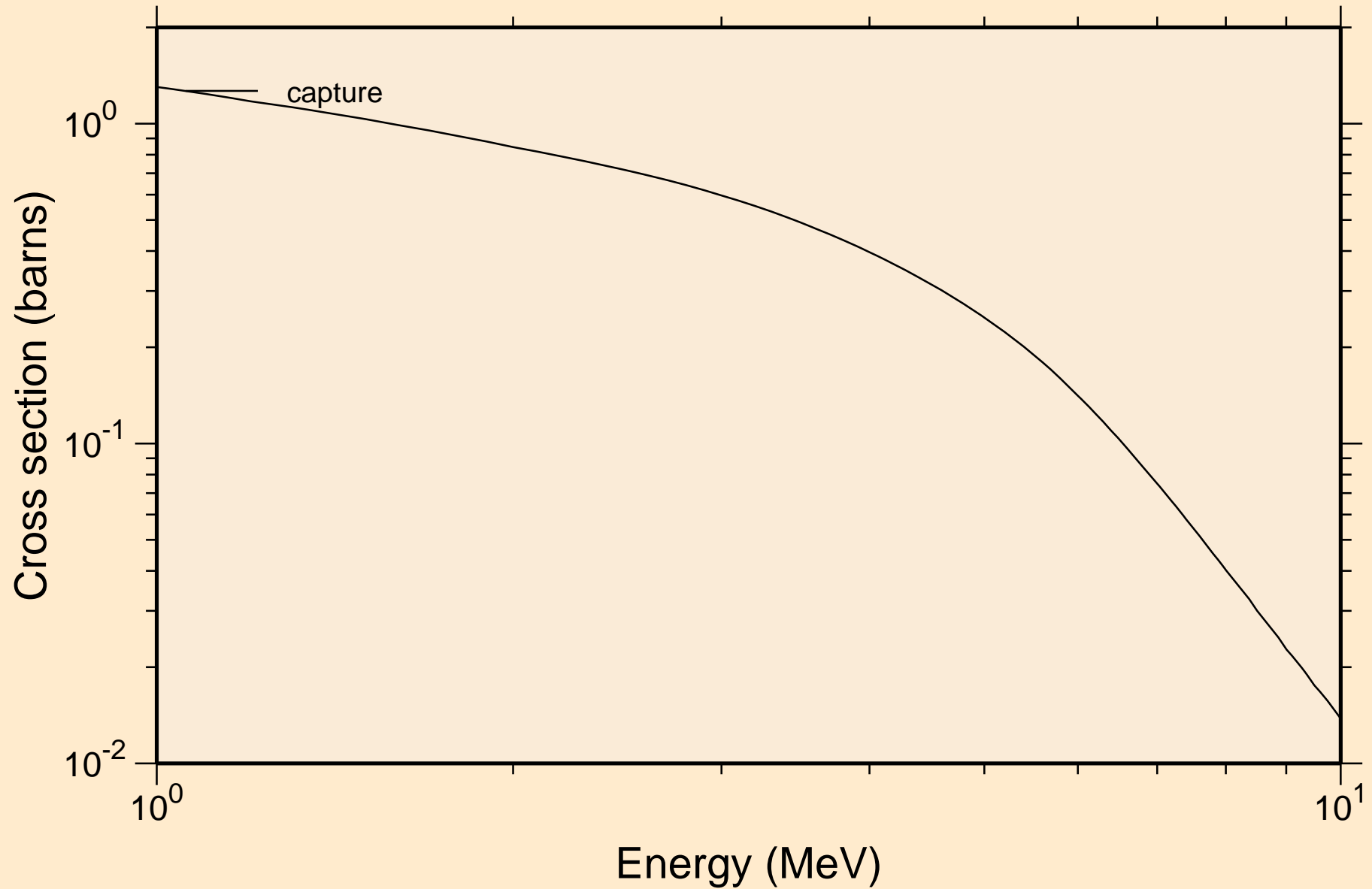
# TM159 NRG TENDL-2015, AKONING resonance absorption cross sections



# TM159 NRG TENDL-2015, AKONING resonance absorption cross sections

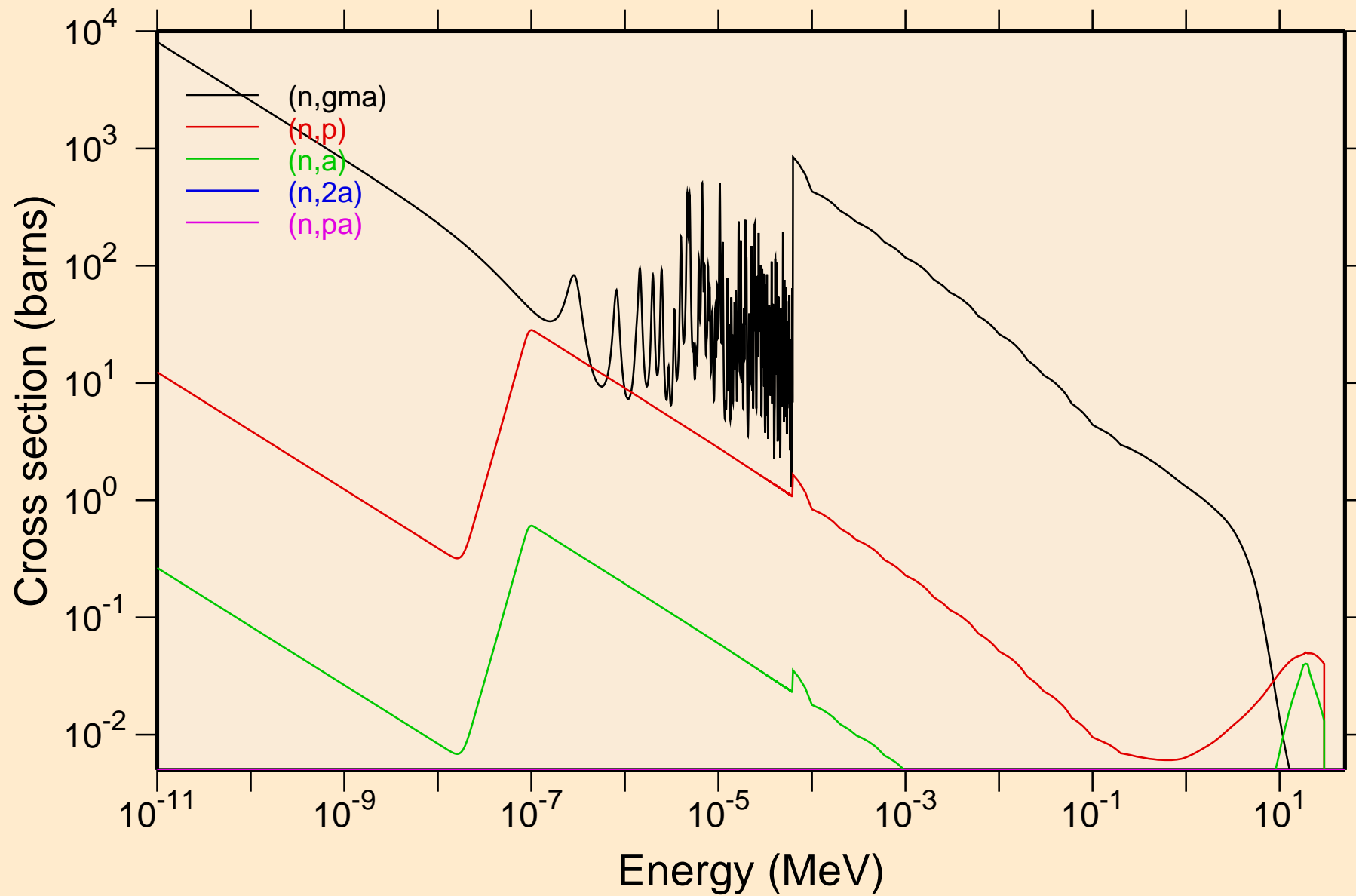


TM159 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# TM159 NRG TENDL-2015, AKONING

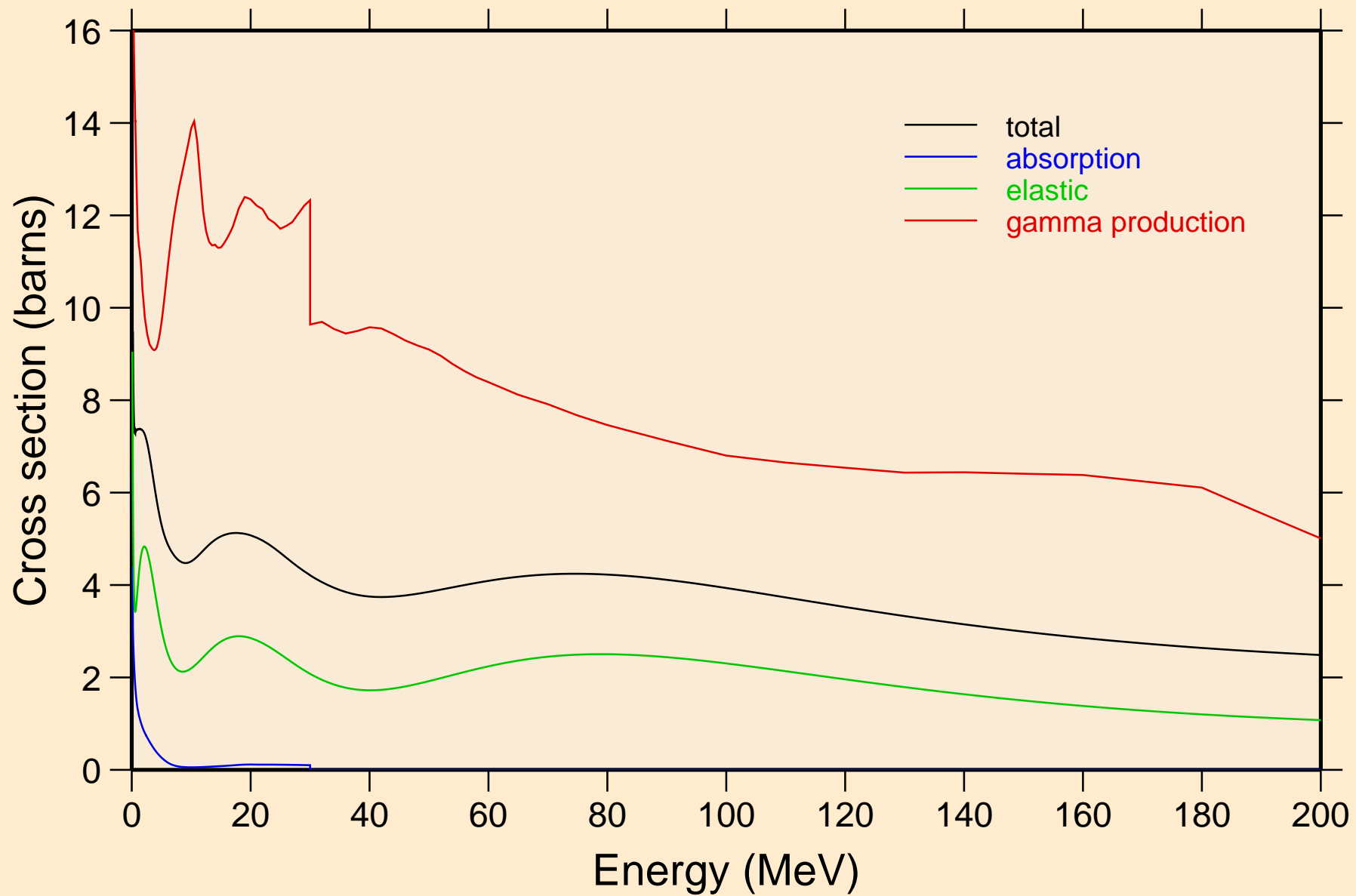
## Non-threshold reactions





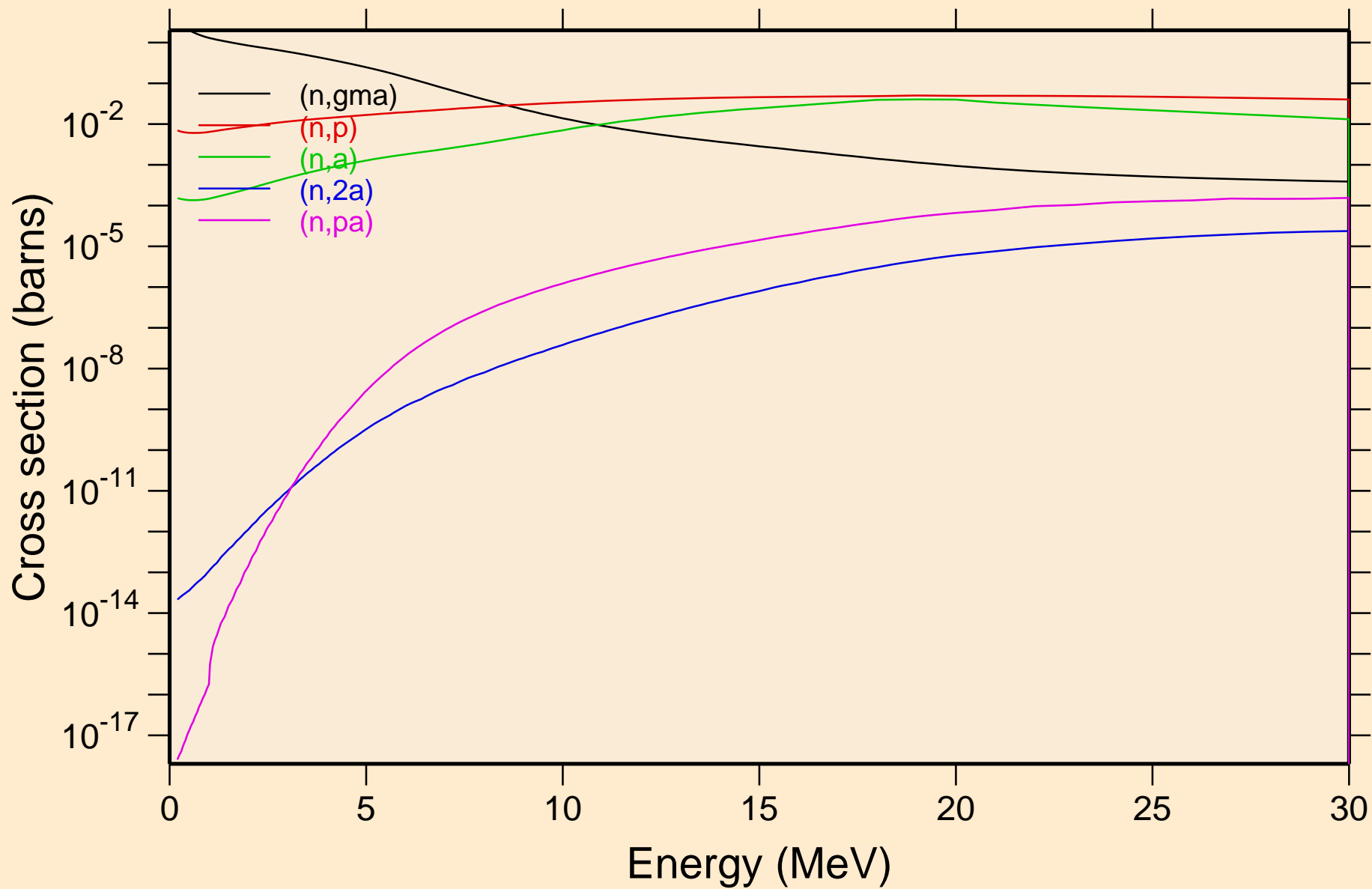
# TM159 NRG TENDL-2015, AKONING

## Principal cross sections



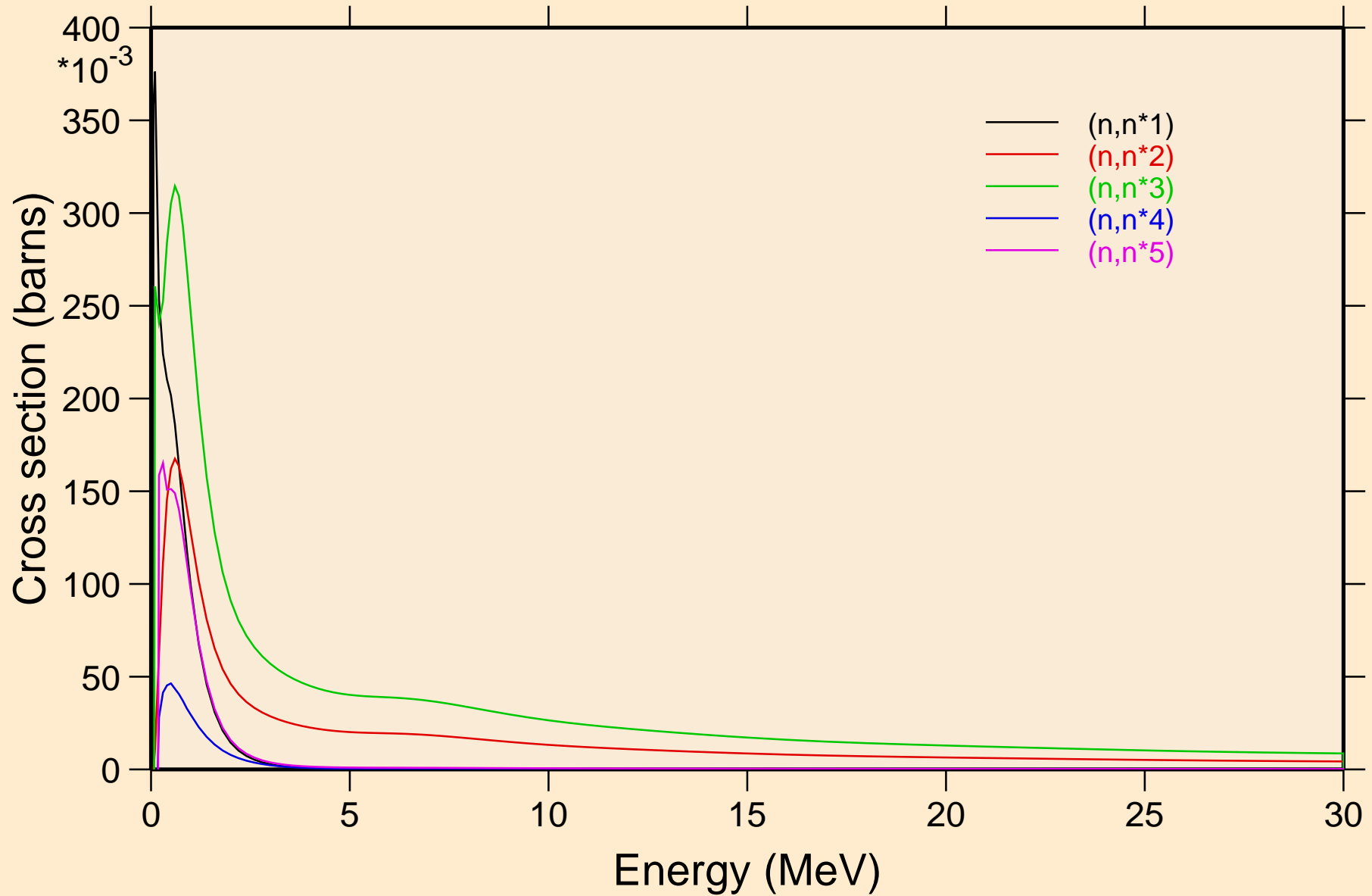
# TM159 NRG TENDL-2015, AKONING

## Non-threshold reactions



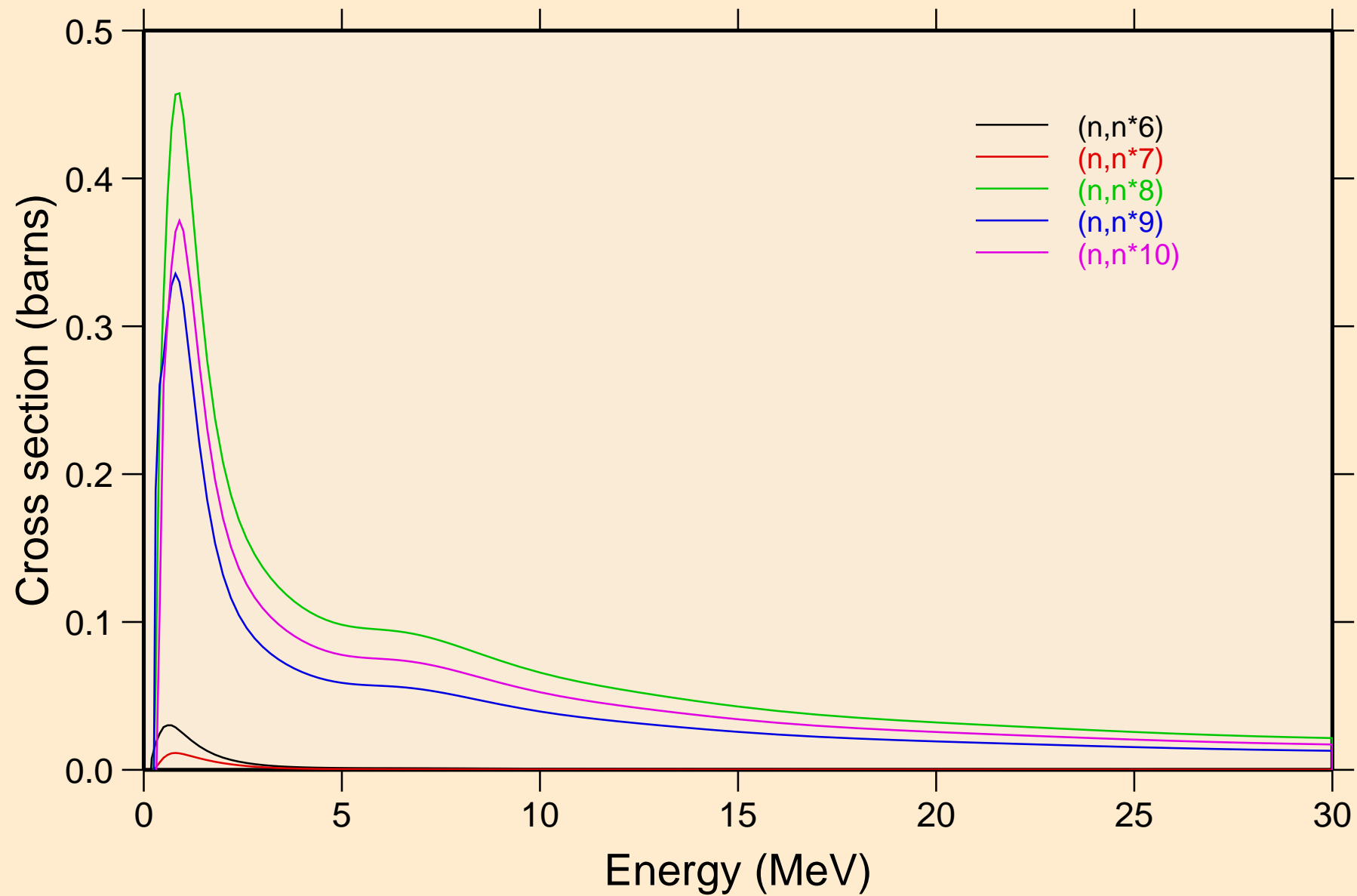
# TM159 NRG TENDL-2015, AKONING

## Inelastic levels



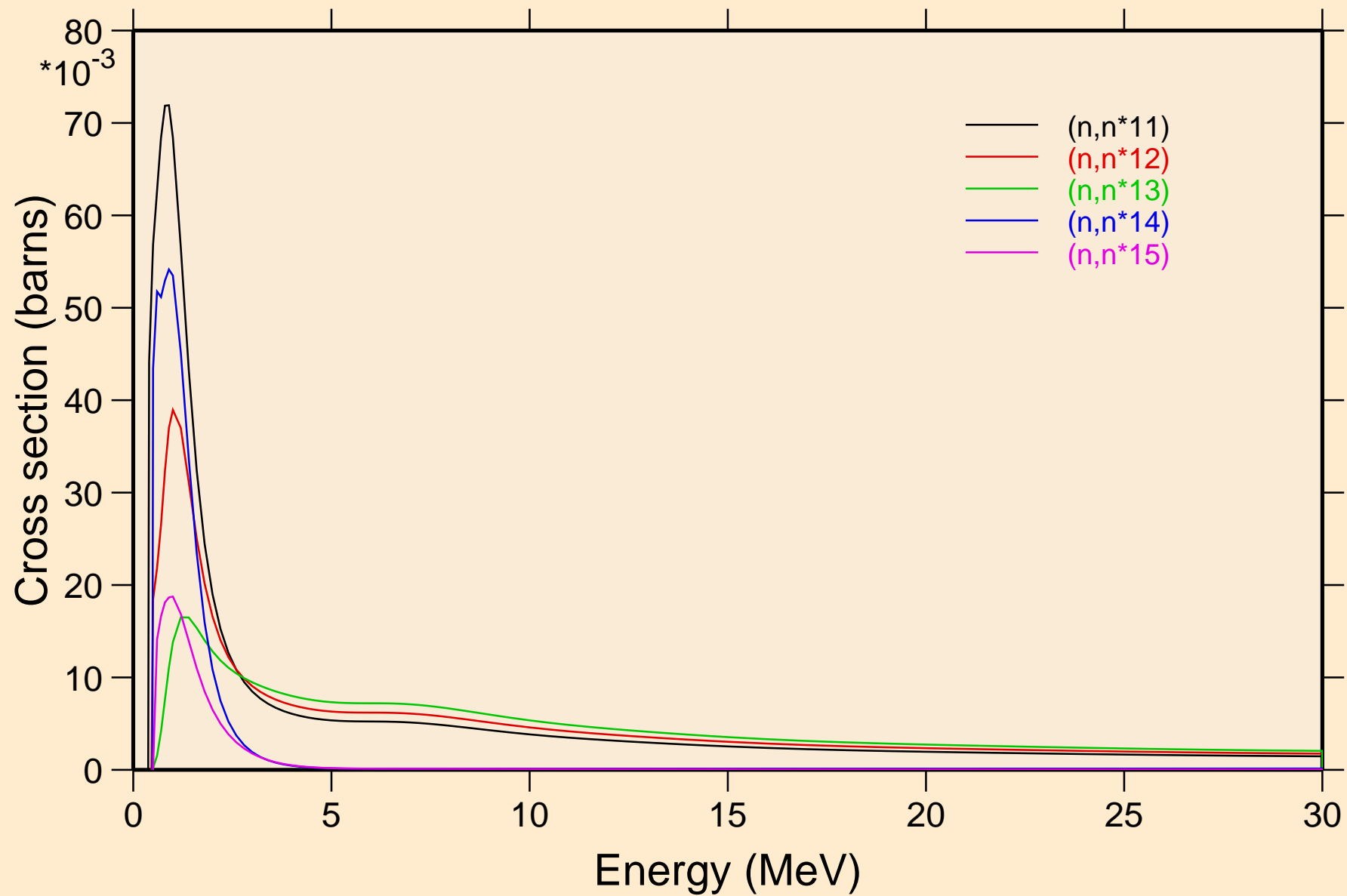
# TM159 NRG TENDL-2015, AKONING

## Inelastic levels



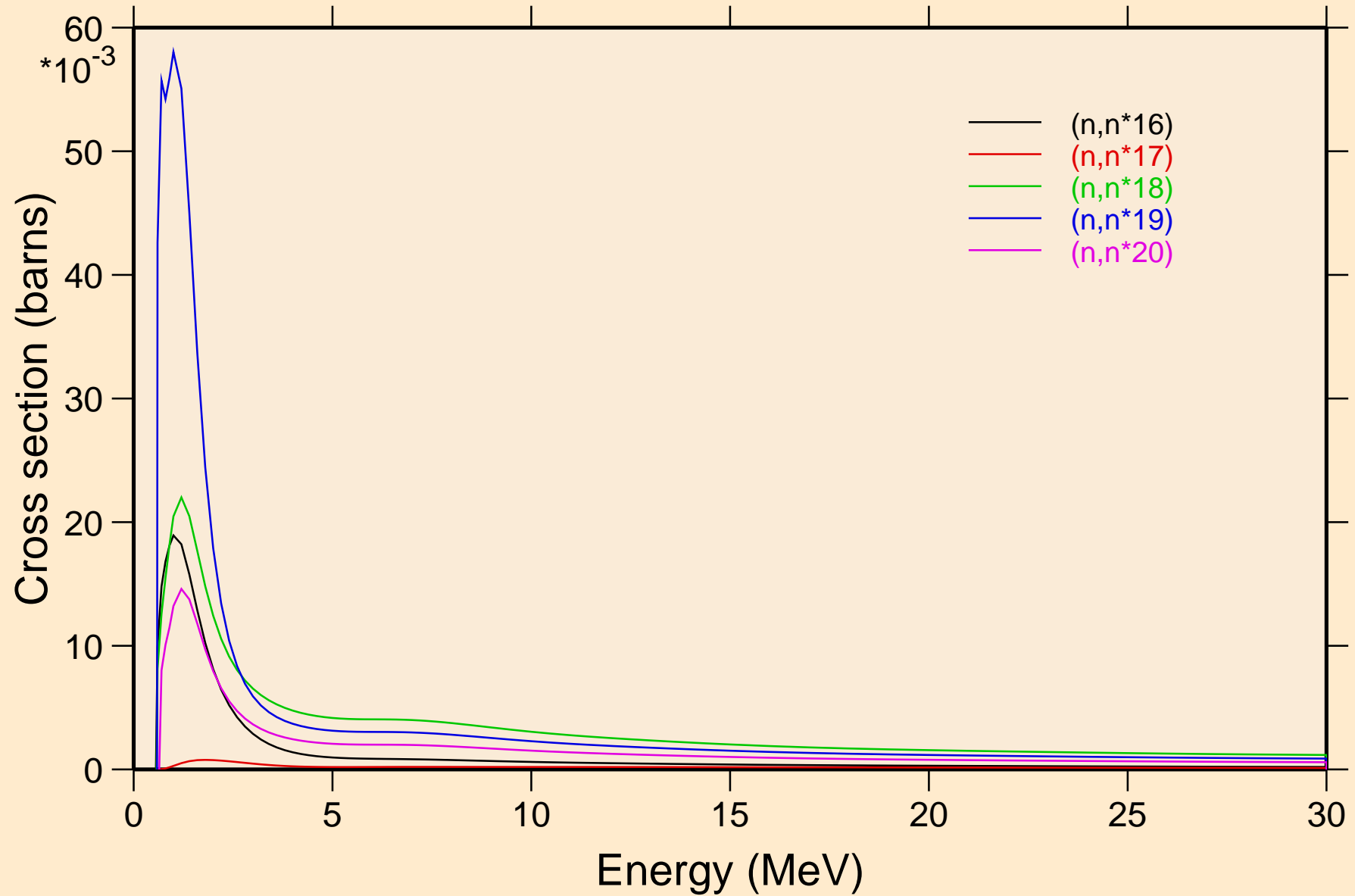
# TM159 NRG TENDL-2015, AKONING

## Inelastic levels



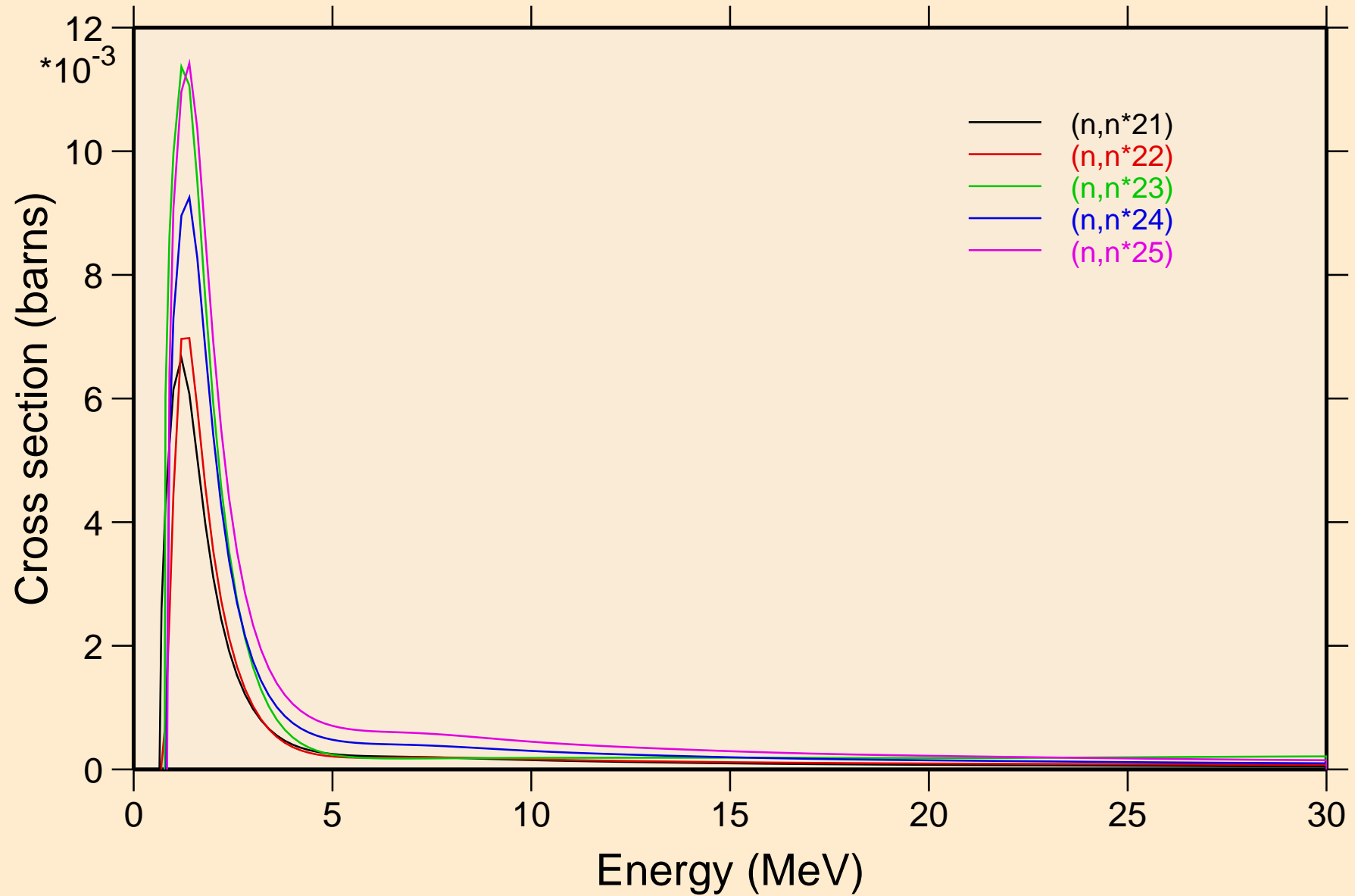
# TM159 NRG TENDL-2015, AKONING

## Inelastic levels

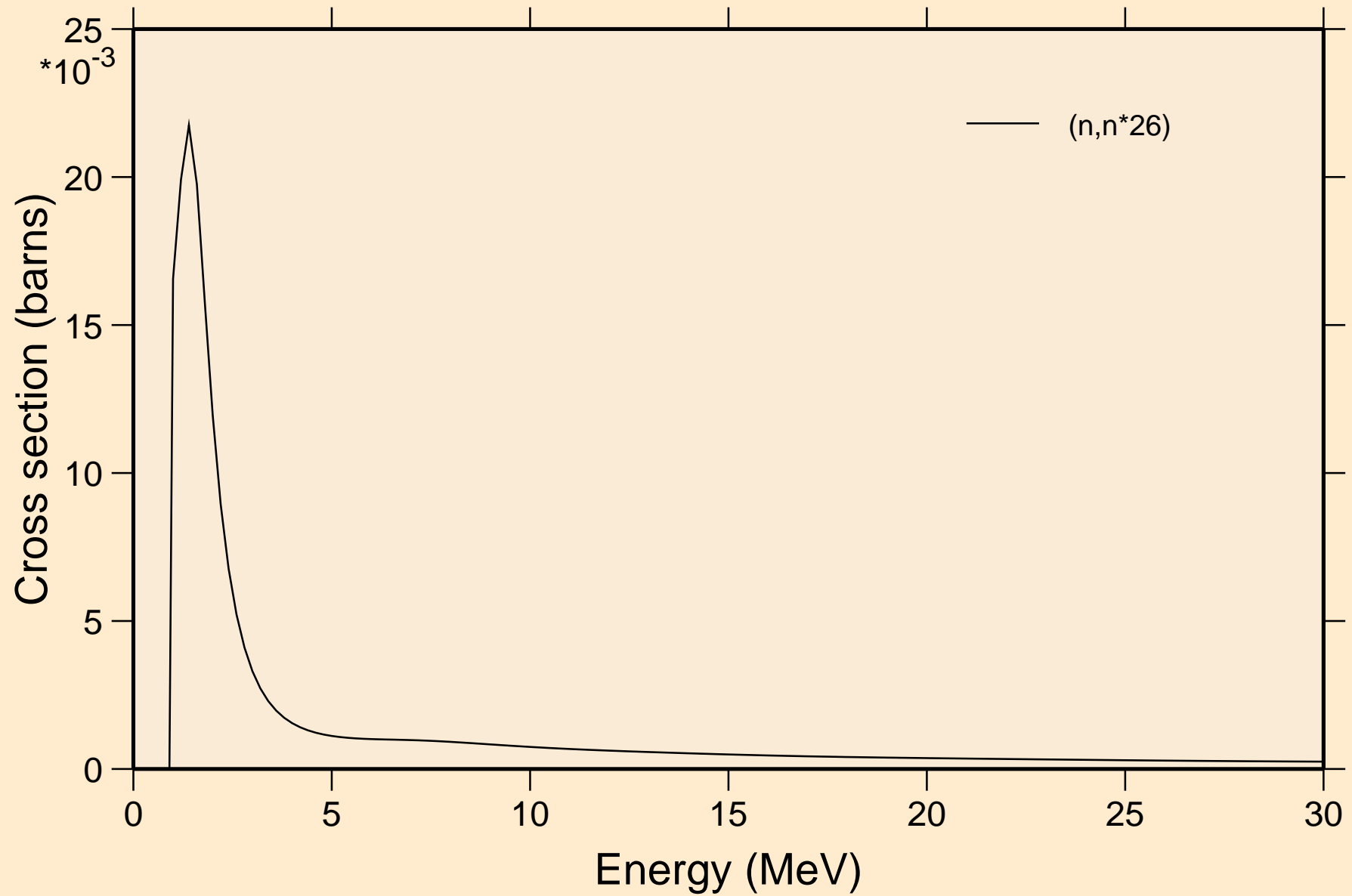


# TM159 NRG TENDL-2015, AKONING

## Inelastic levels



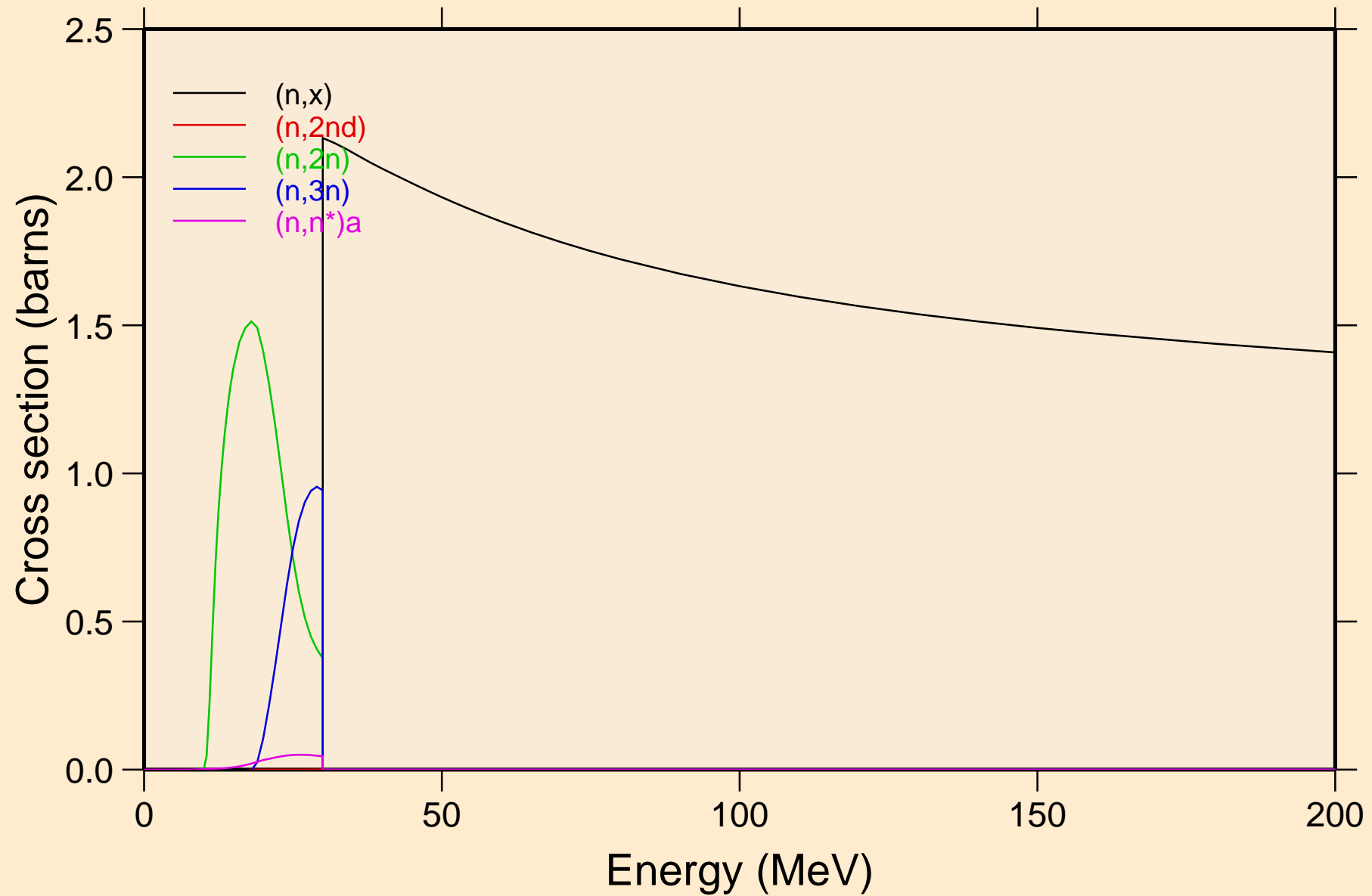
TM159 NRG TENDL-2015, AKONING  
Inelastic levels





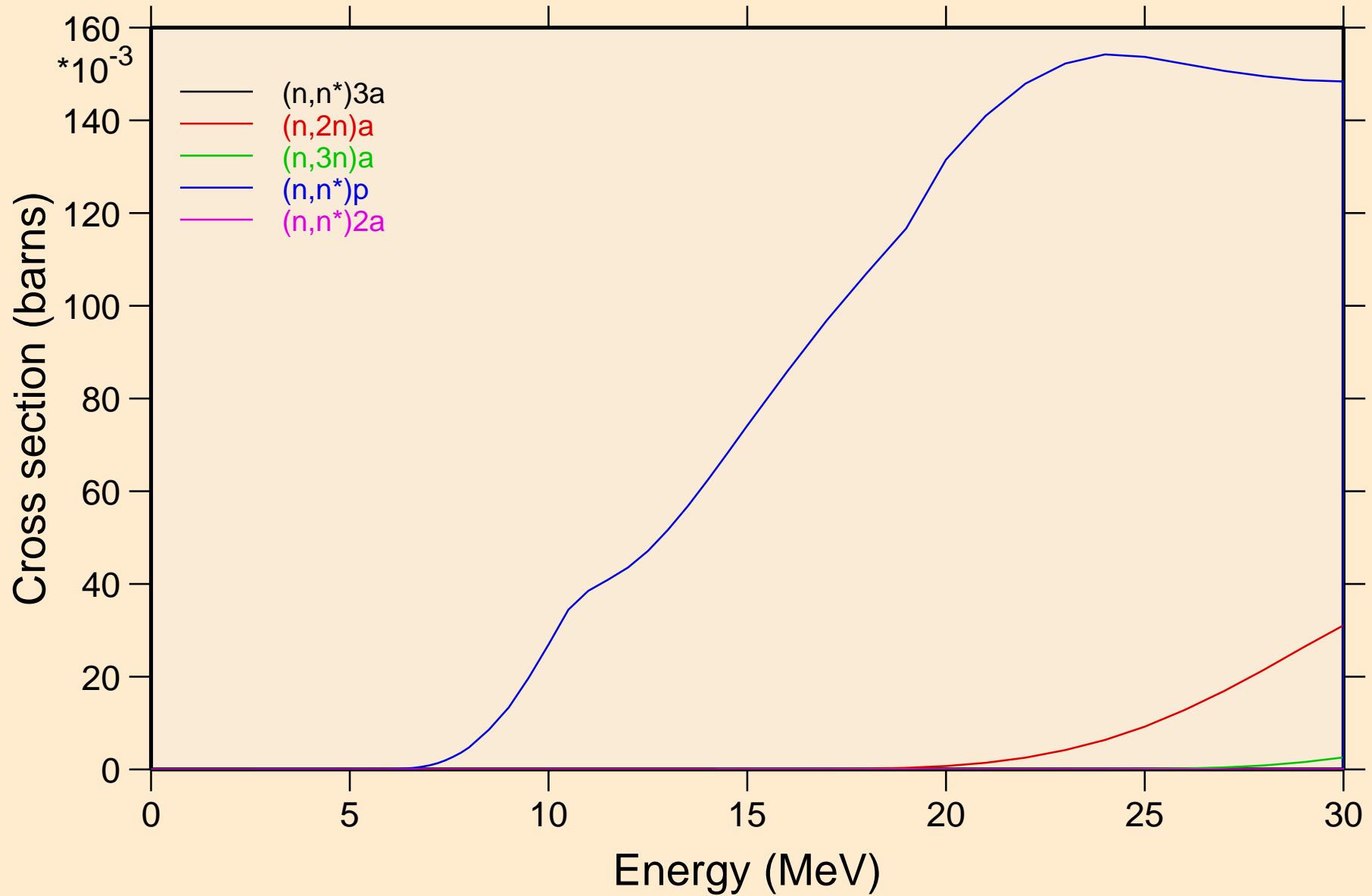
# TM159 NRG TENDL-2015, AKONING

## Threshold reactions



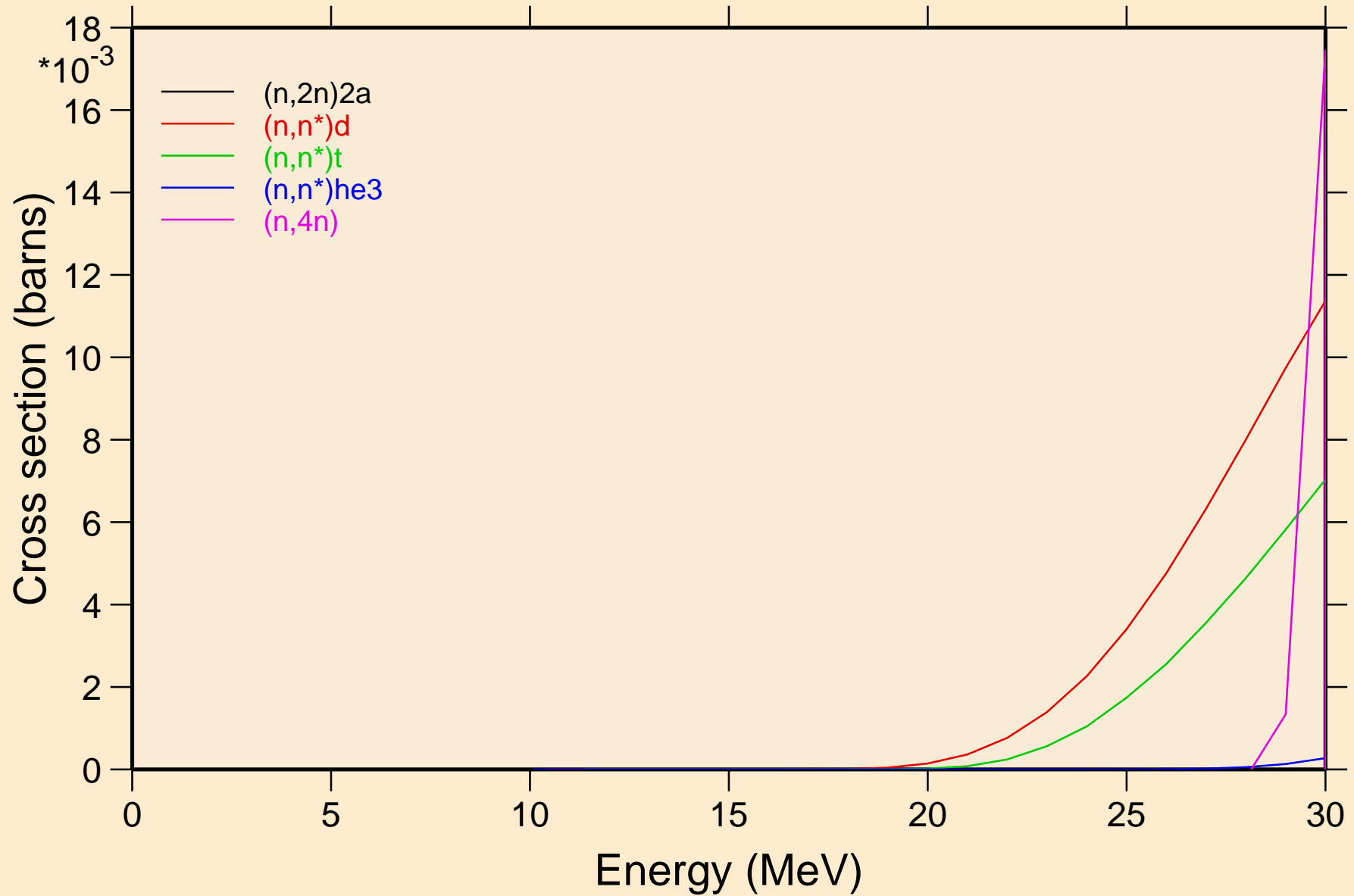
# TM159 NRG TENDL-2015, AKONING

## Threshold reactions



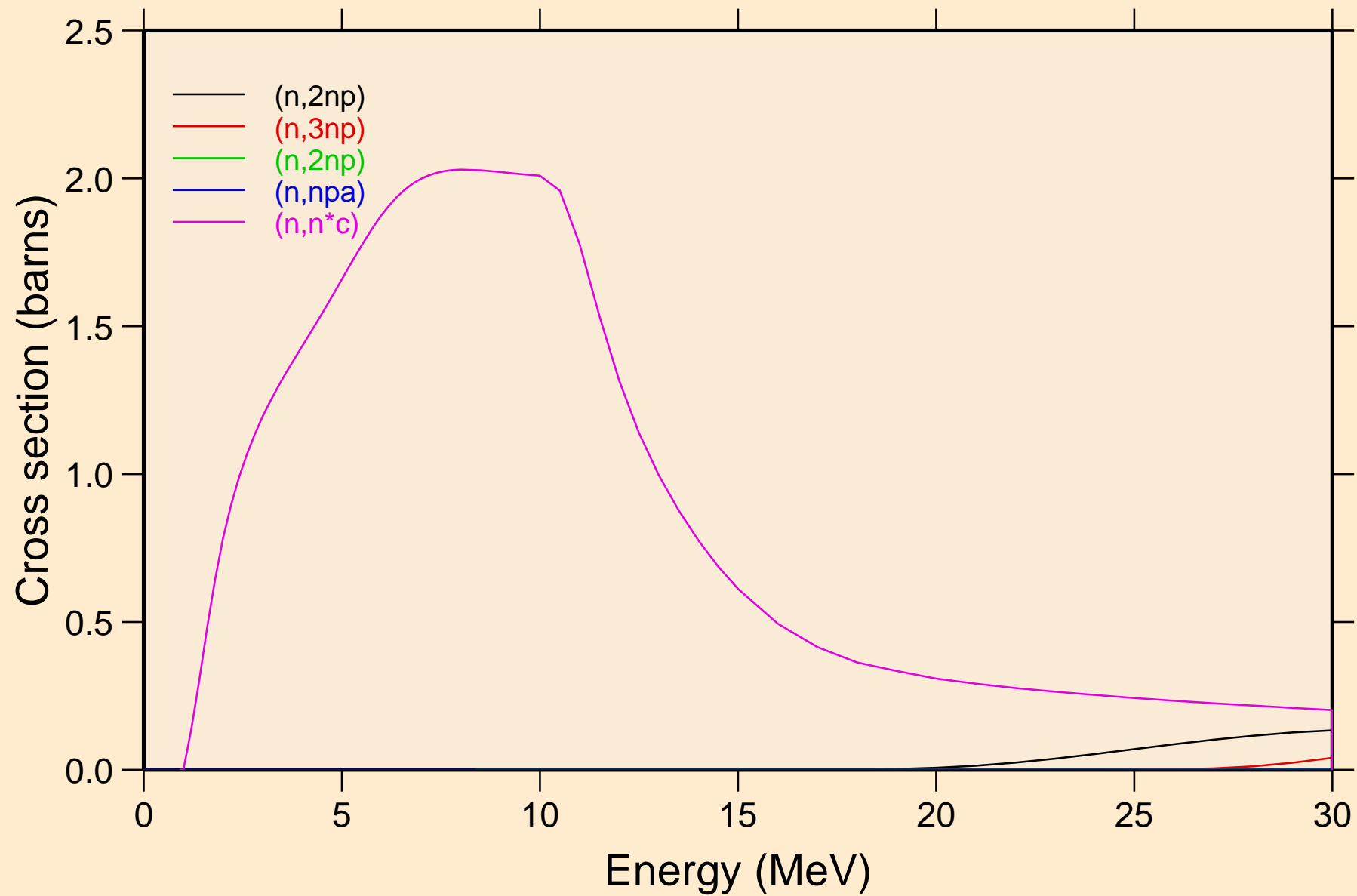
# TM159 NRG TENDL-2015, AKONING

## Threshold reactions



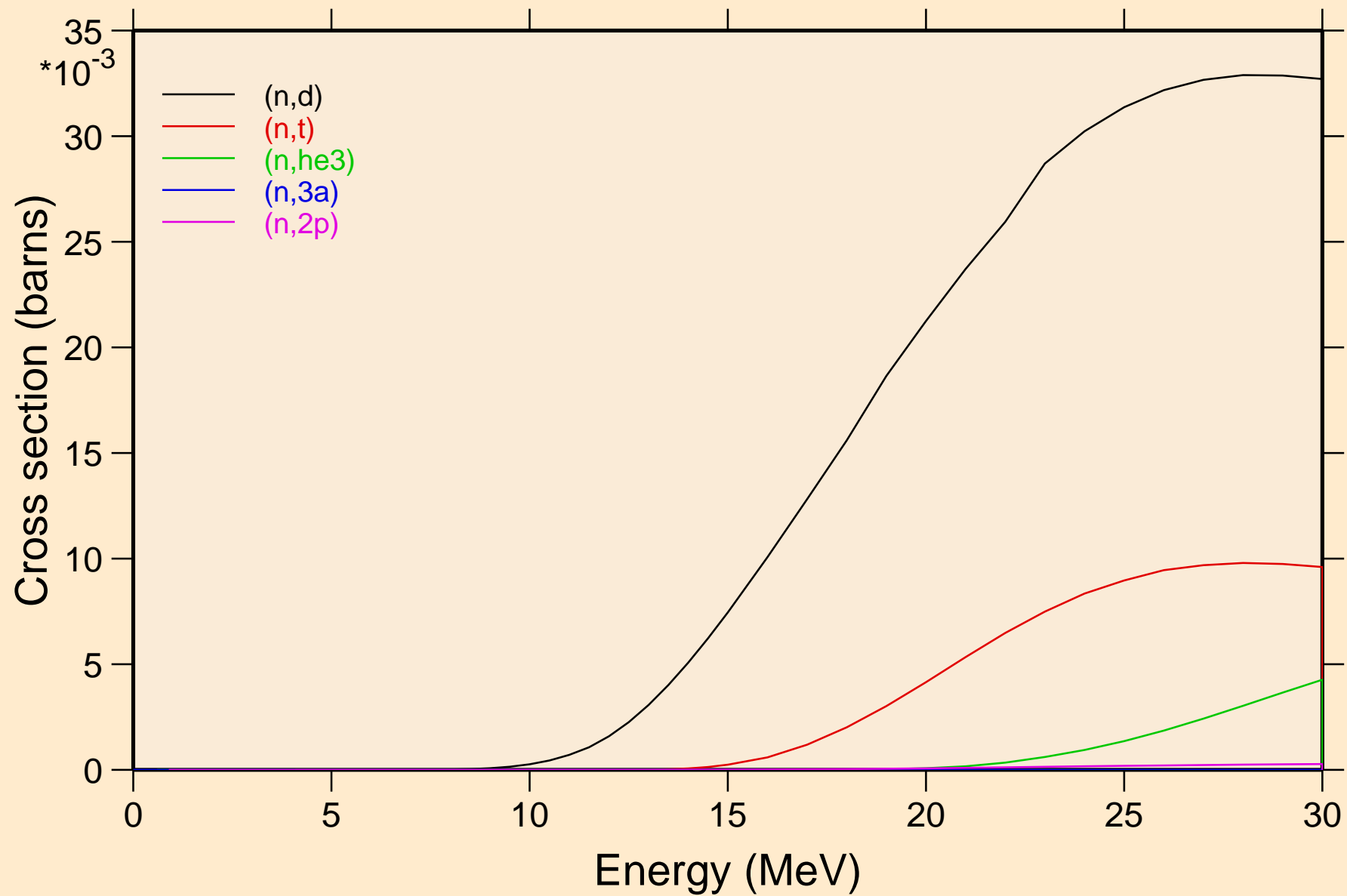
# TM159 NRG TENDL-2015, AKONING

## Threshold reactions



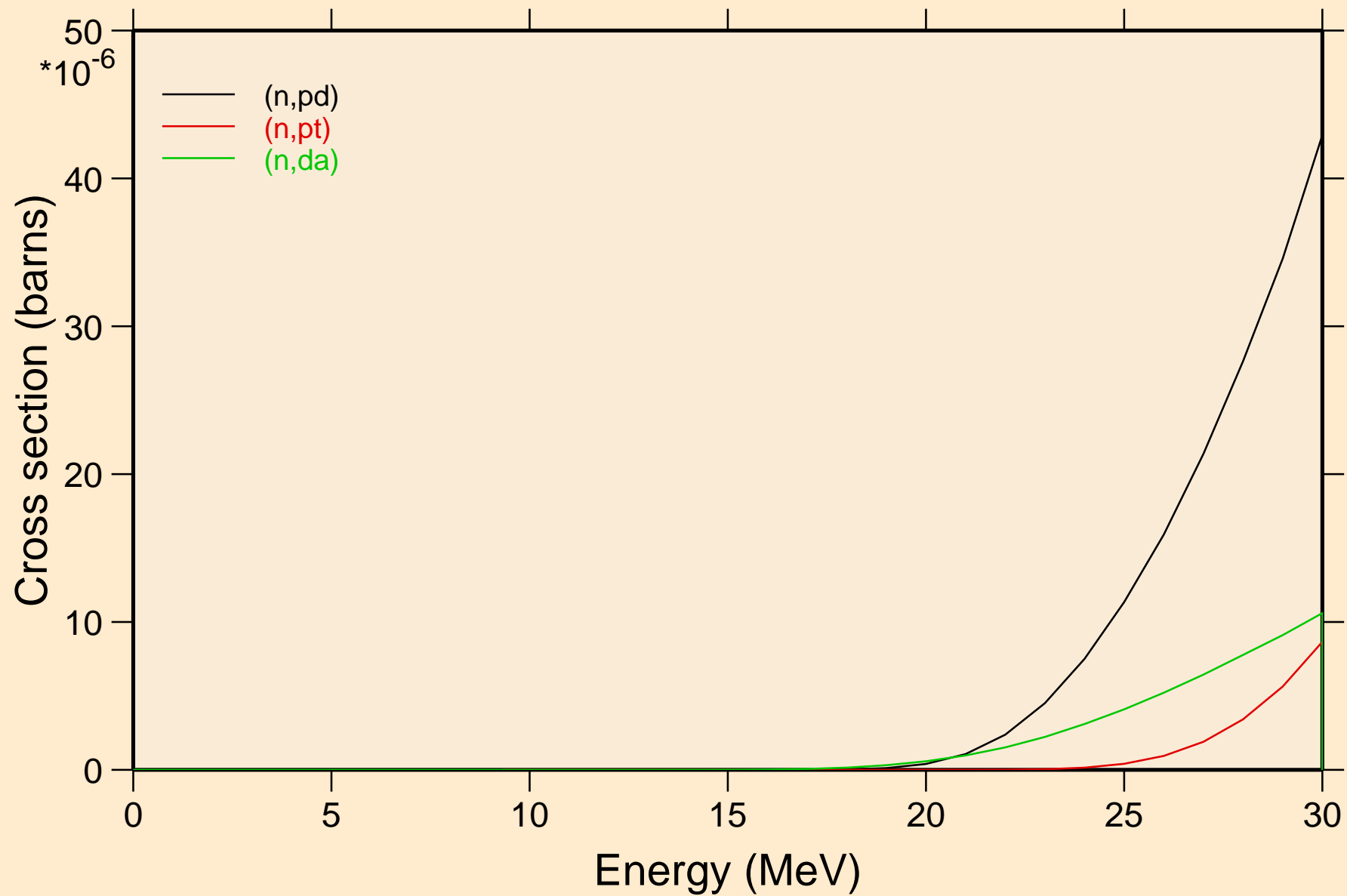
# TM159 NRG TENDL-2015, AKONING

## Threshold reactions

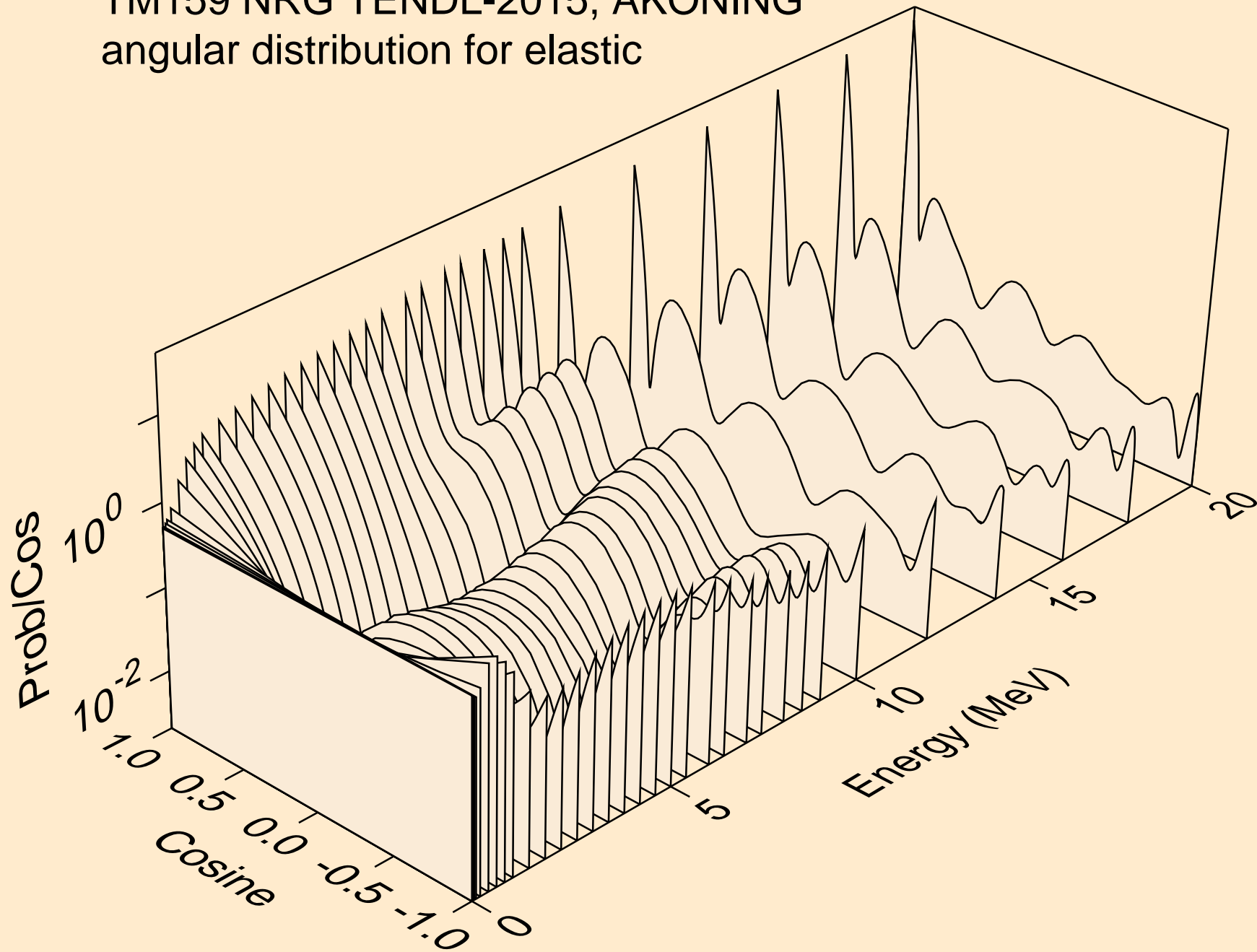


# TM159 NRG TENDL-2015, AKONING

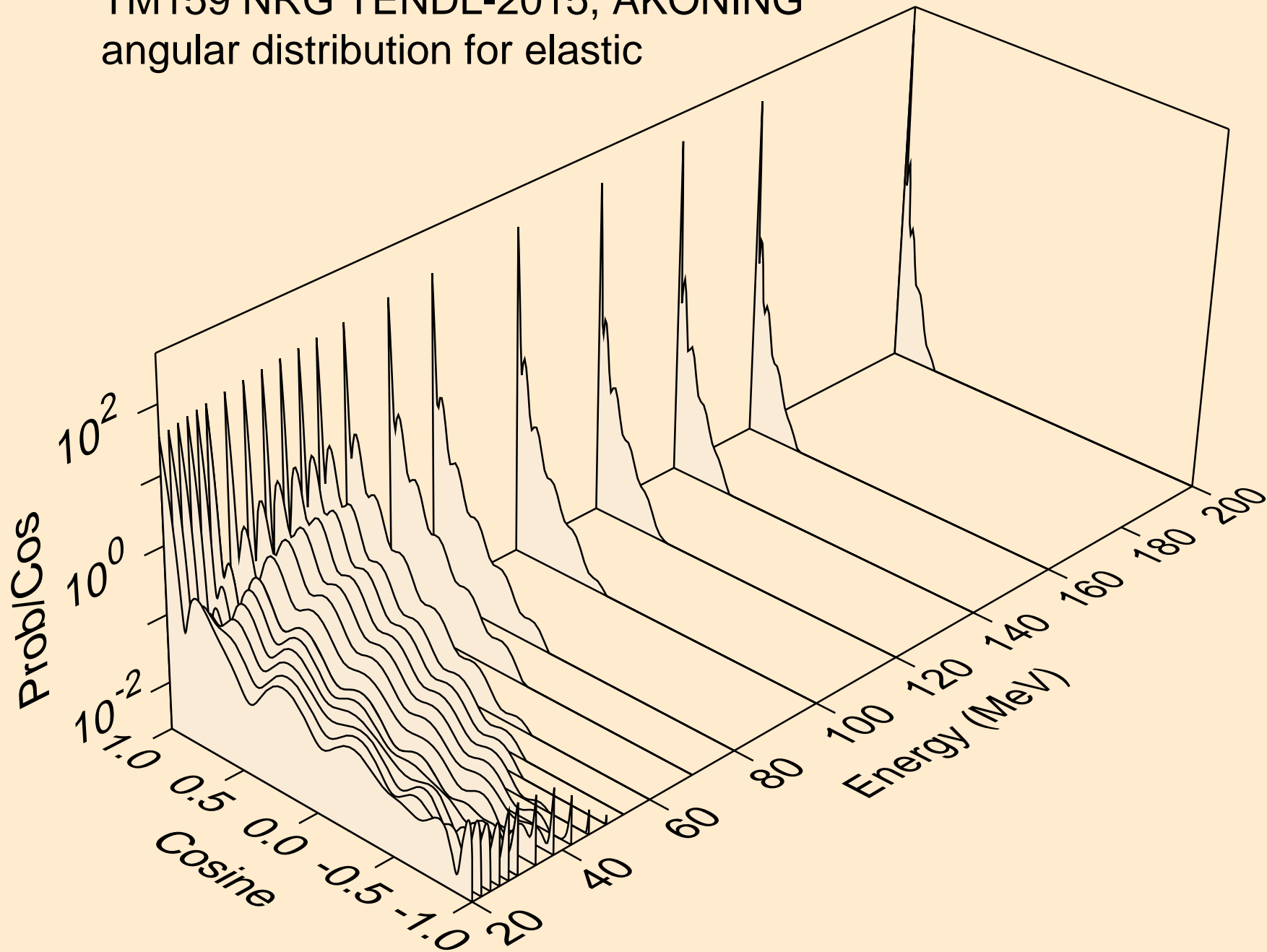
## Threshold reactions



TM159 NRG TENDL-2015, AKONING  
angular distribution for elastic

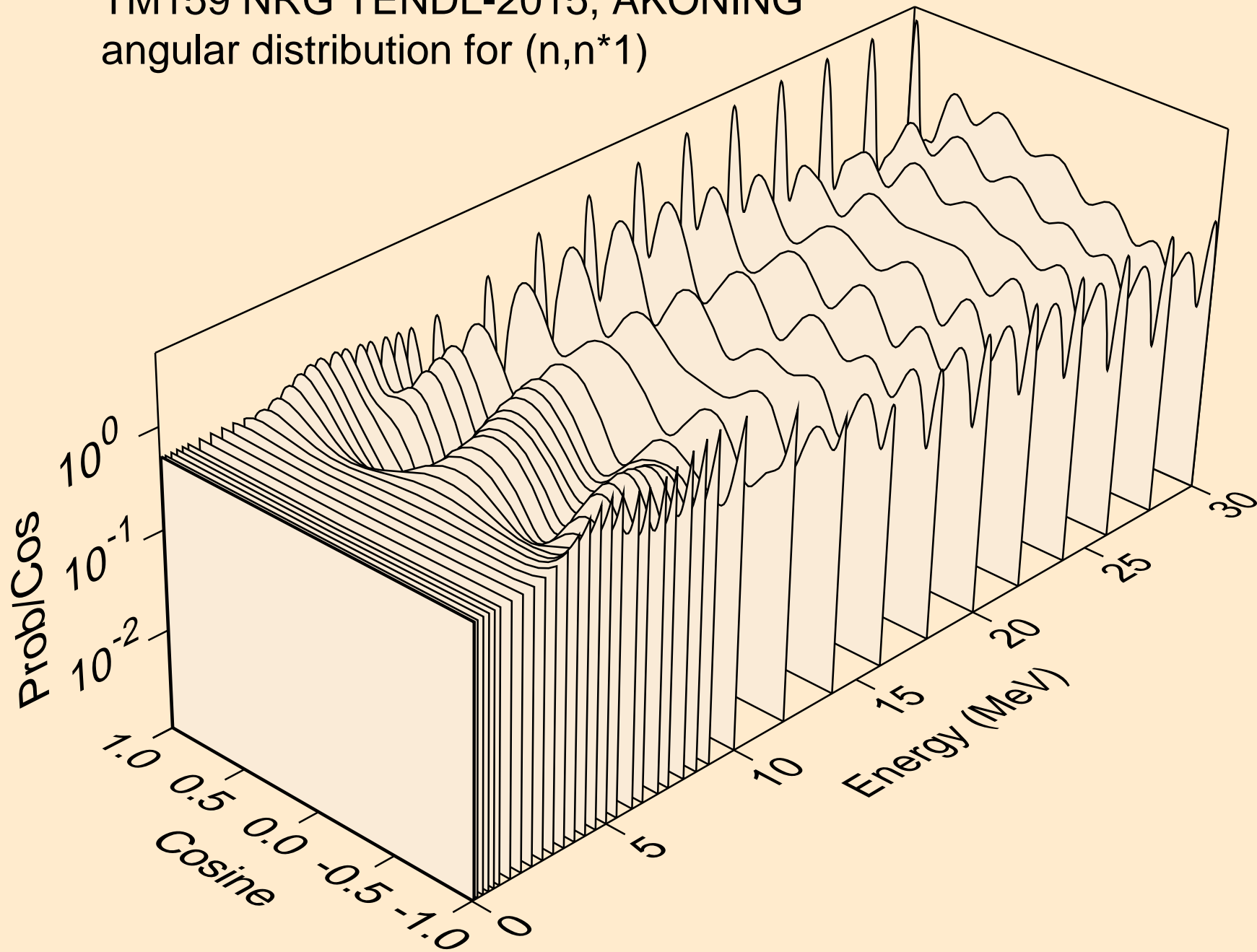


TM159 NRG TENDL-2015, AKONING  
angular distribution for elastic

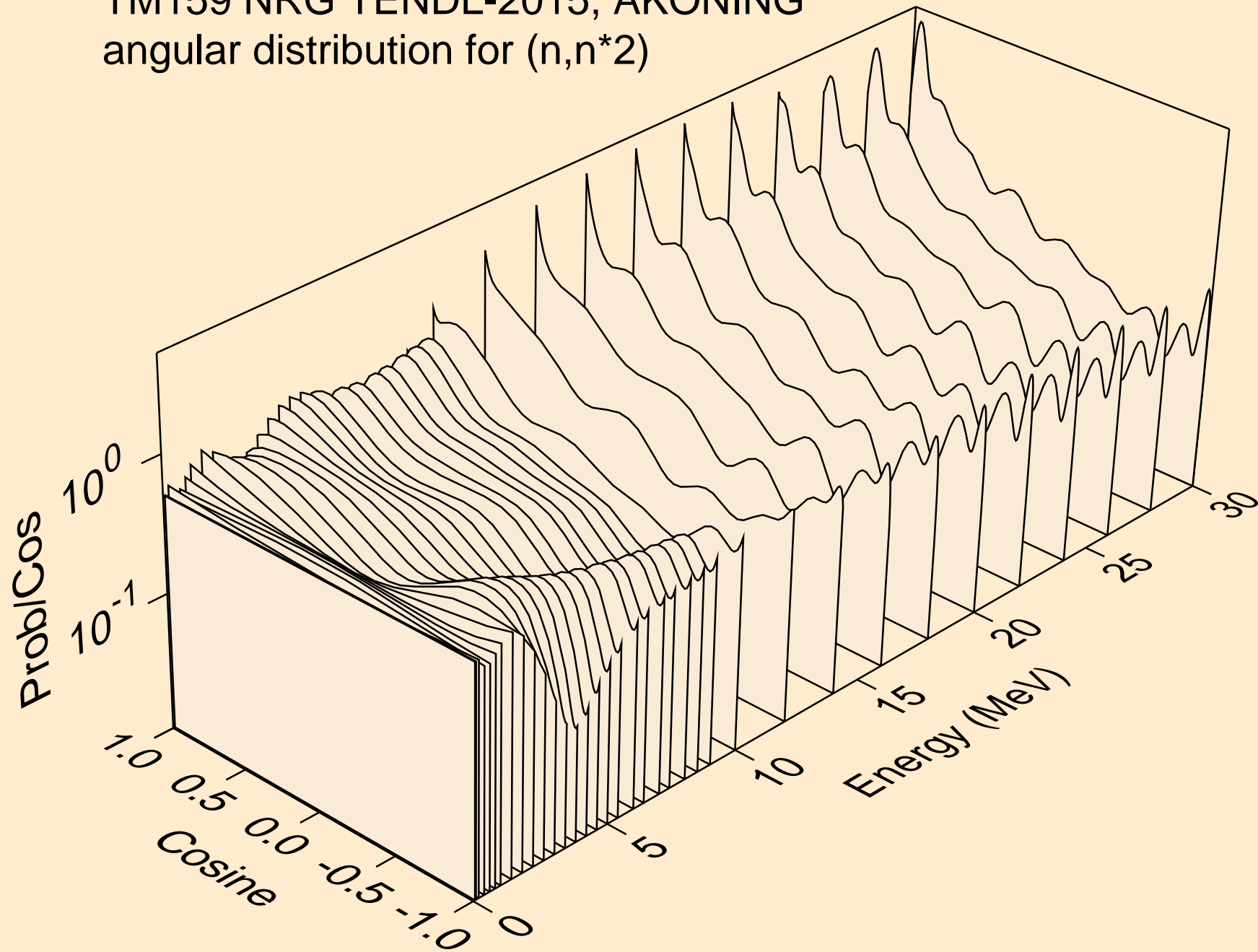




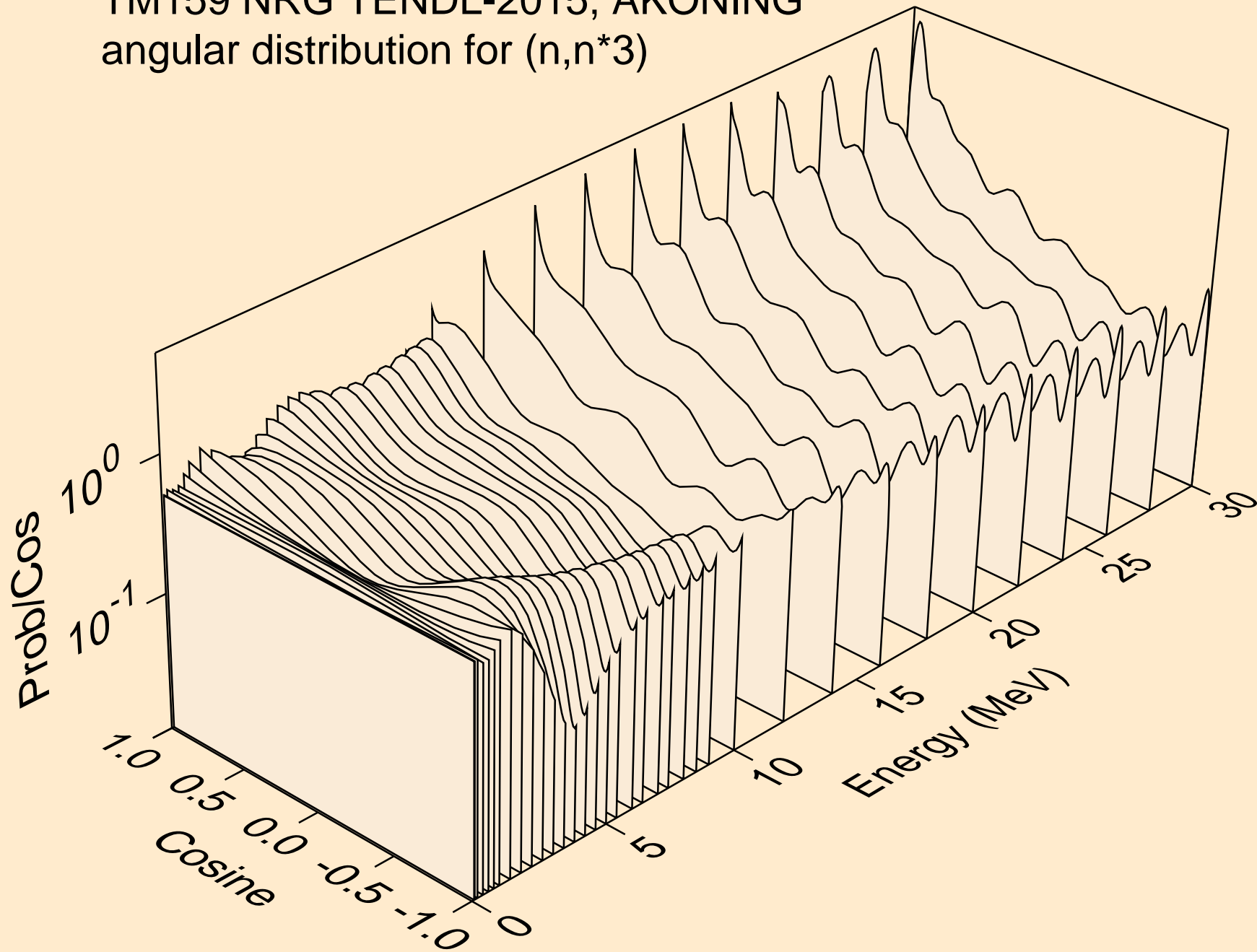
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



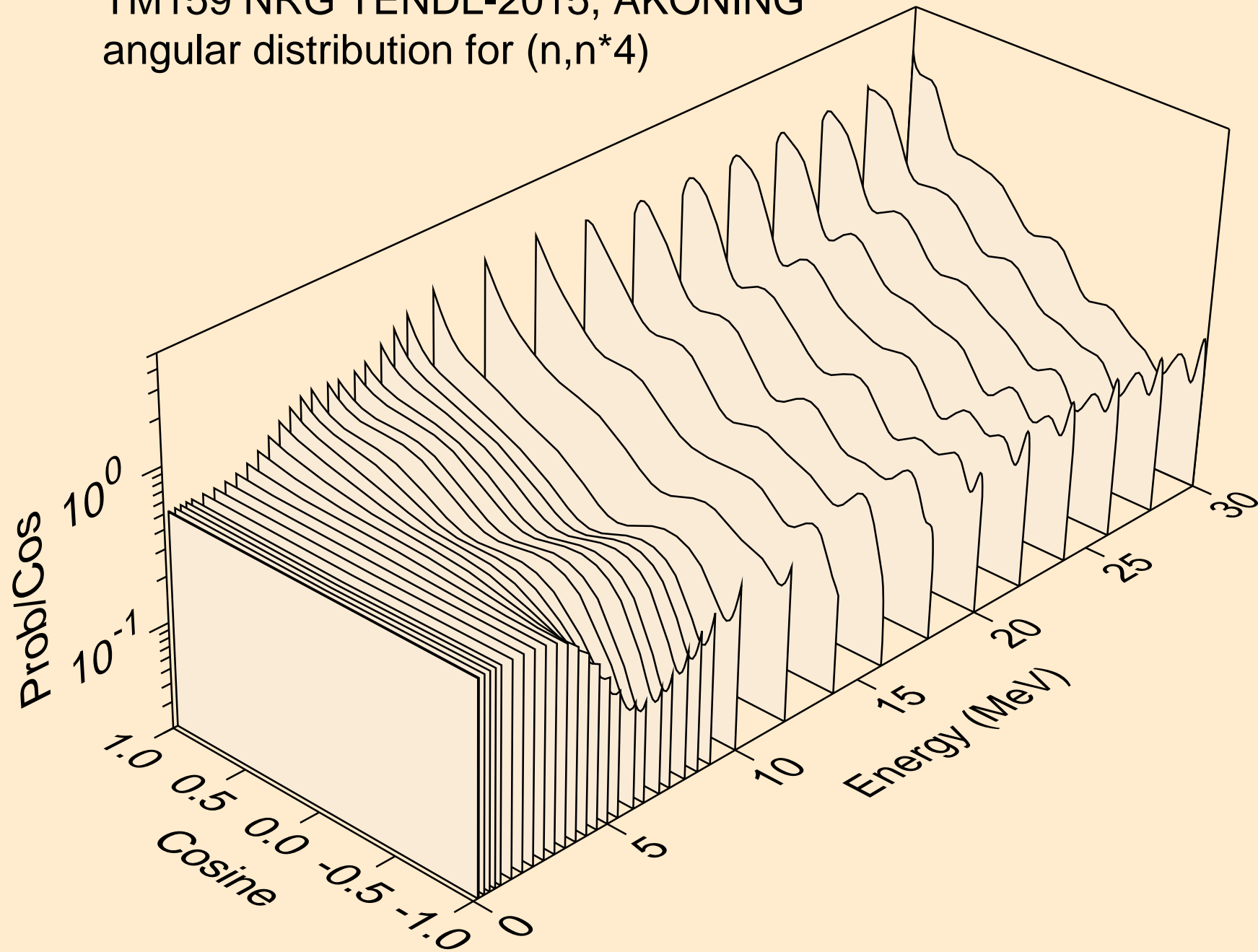
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



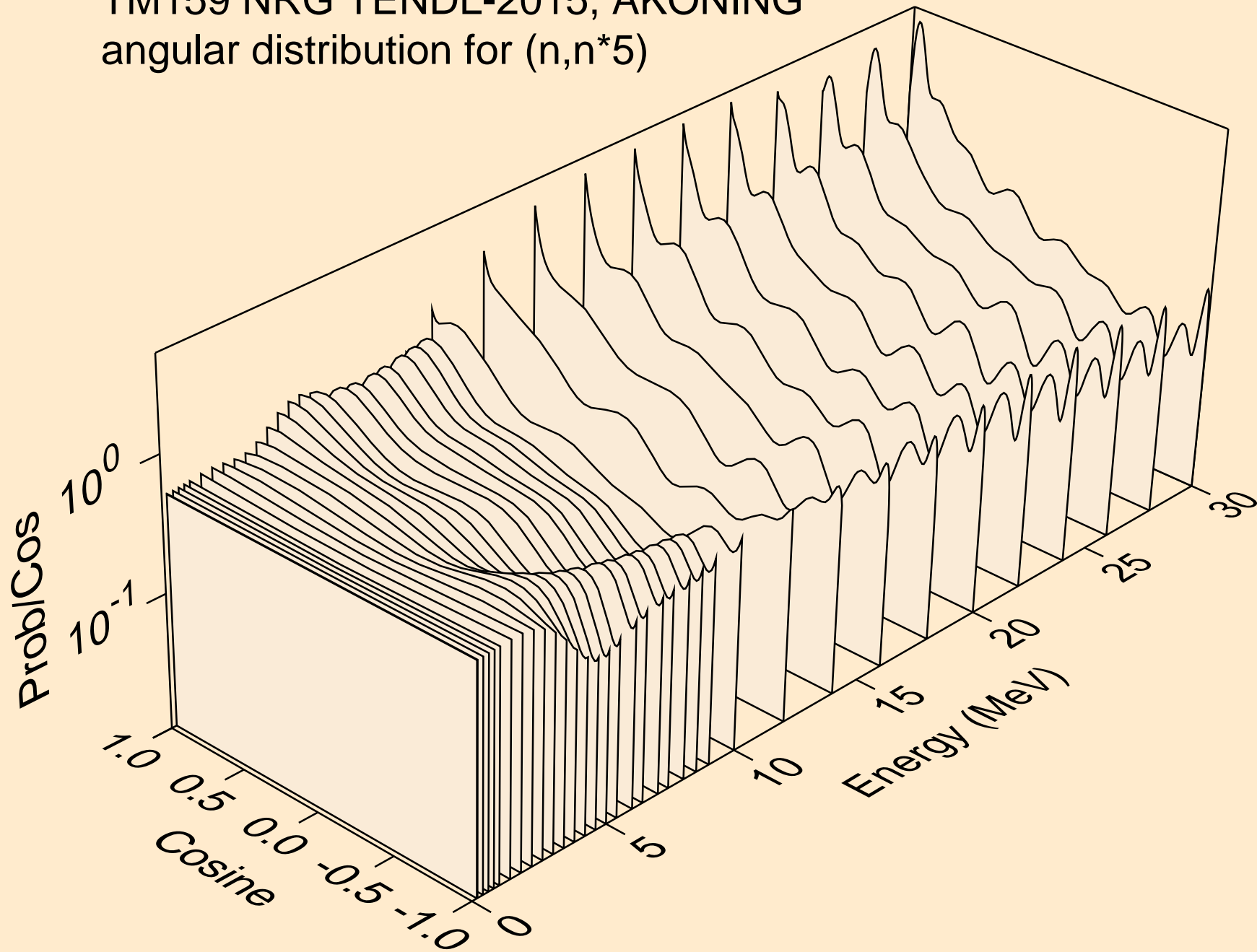
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



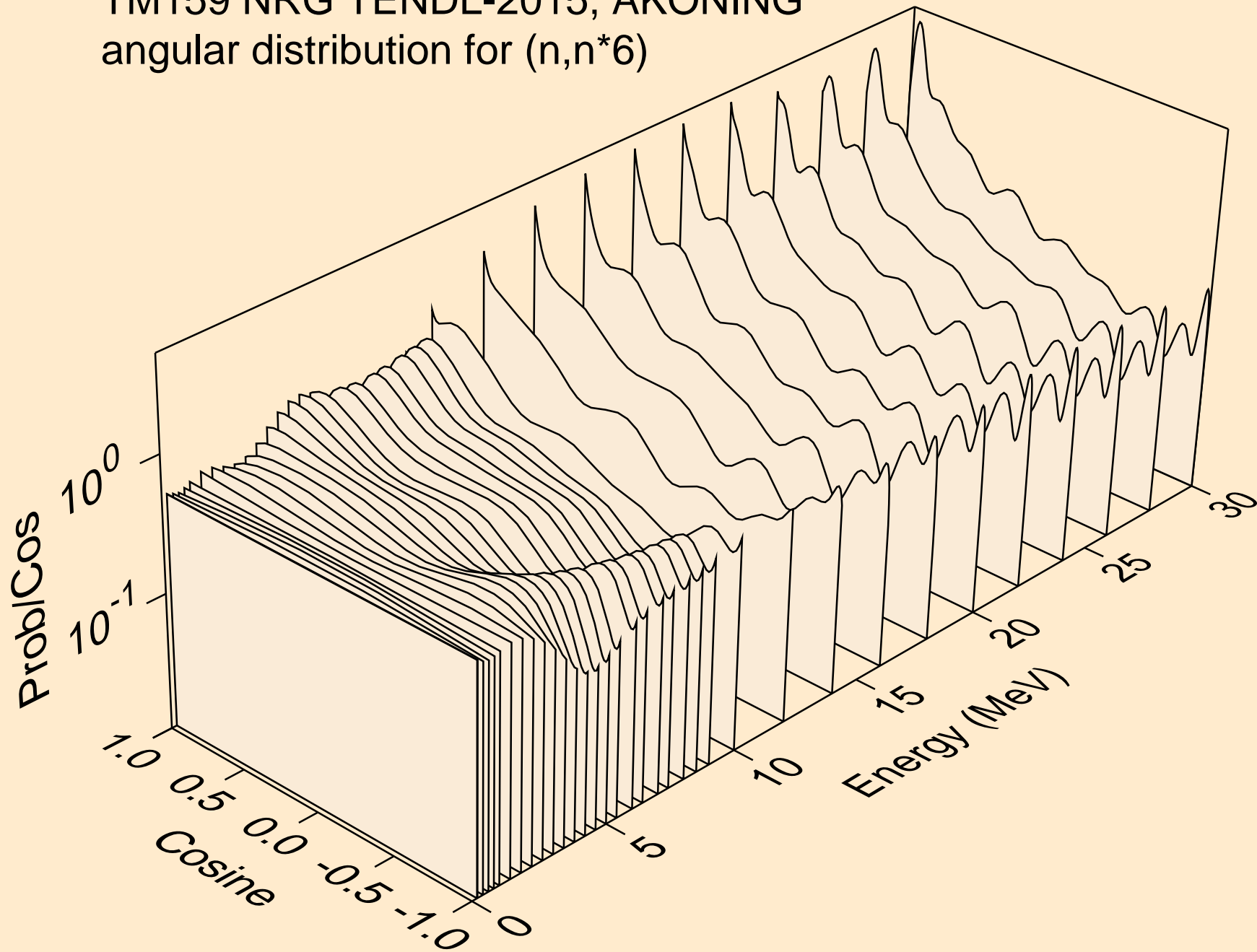
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



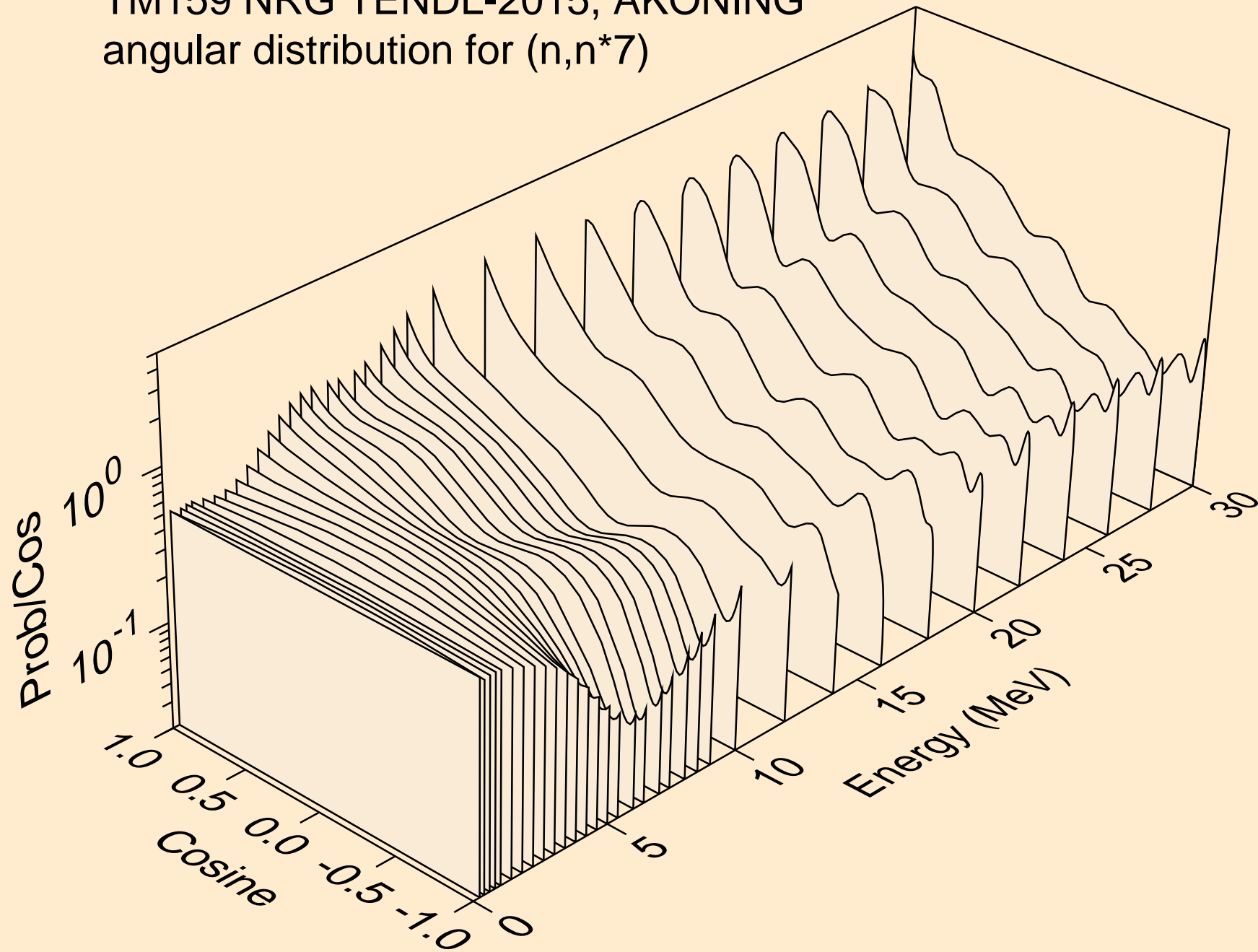
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

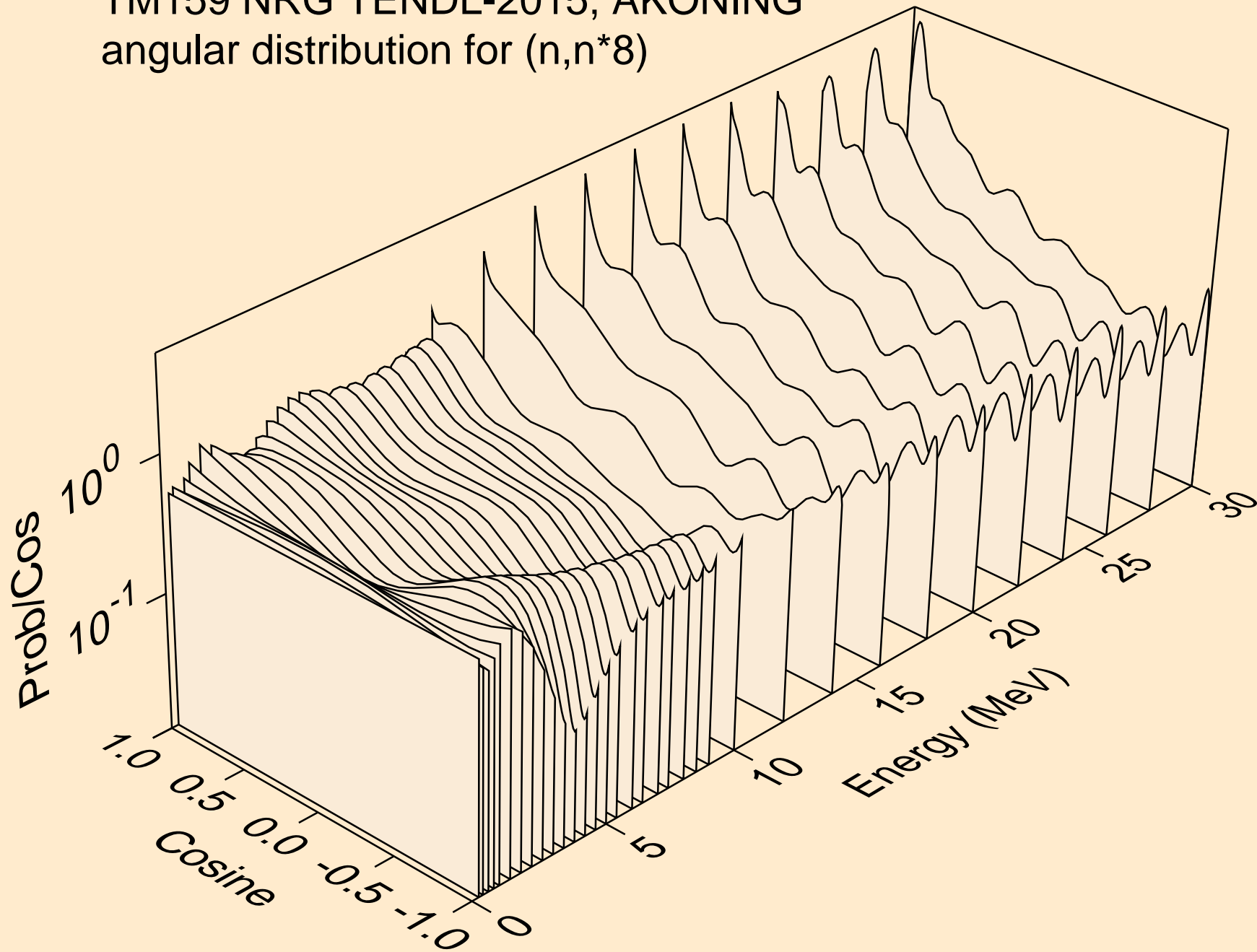


TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



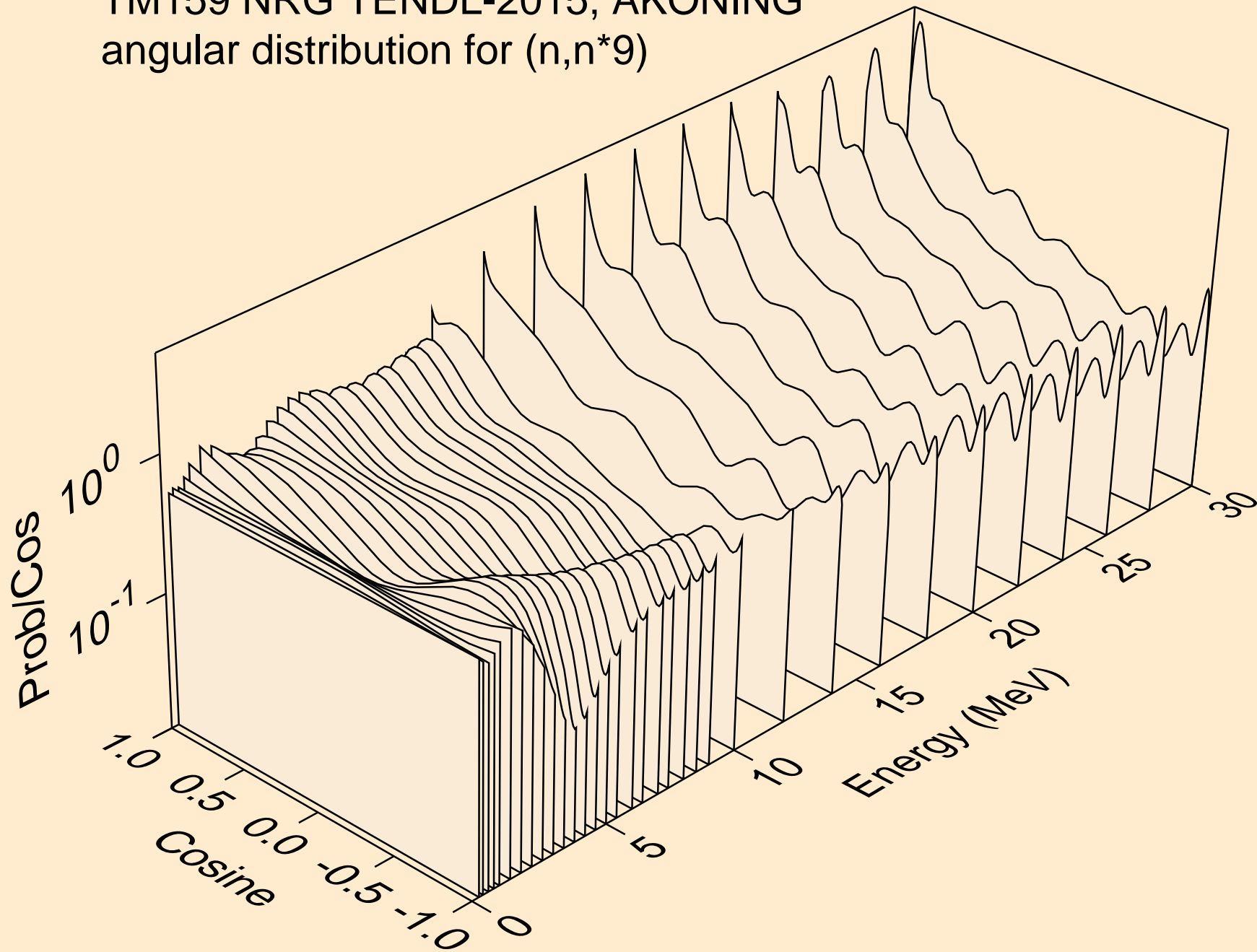


TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

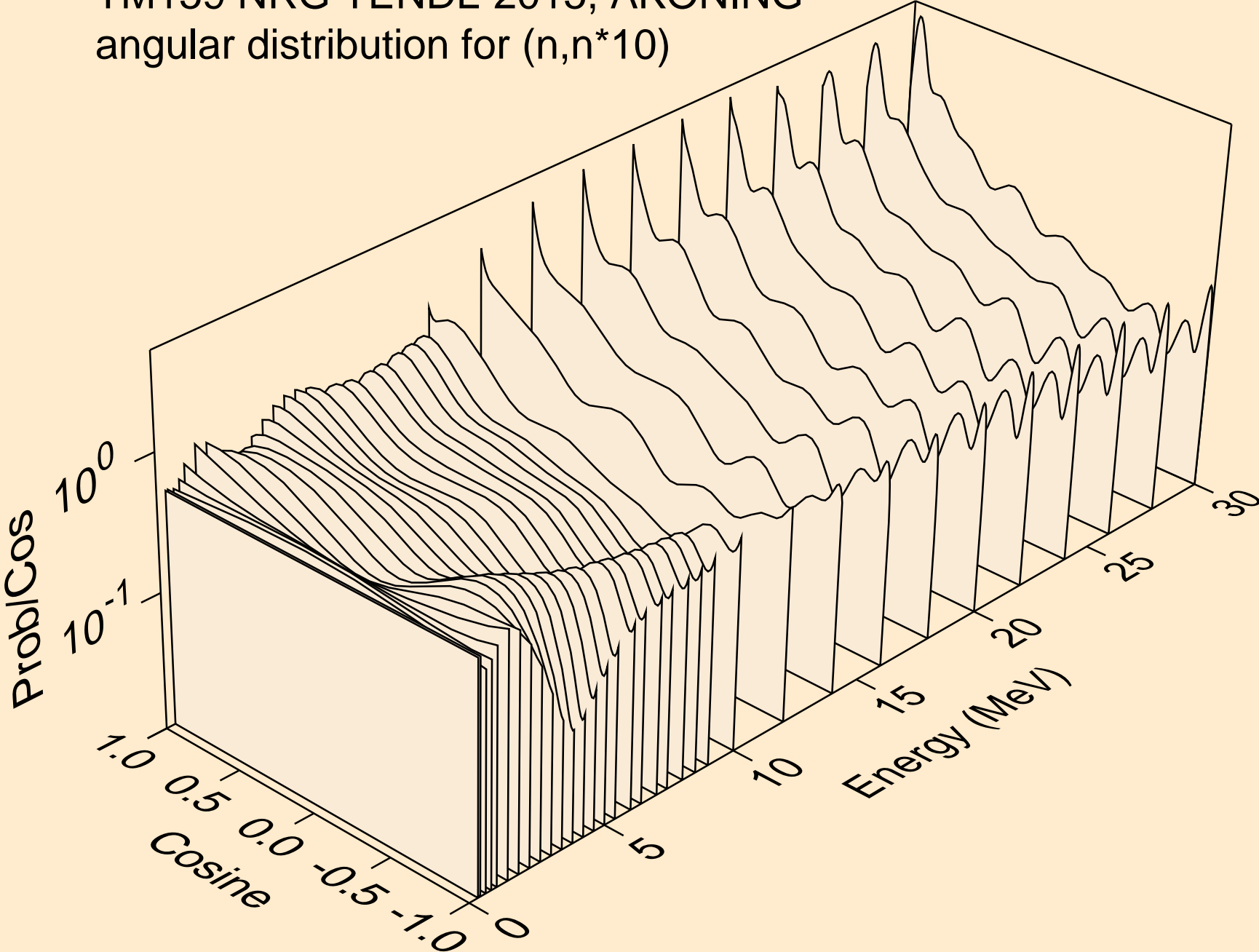




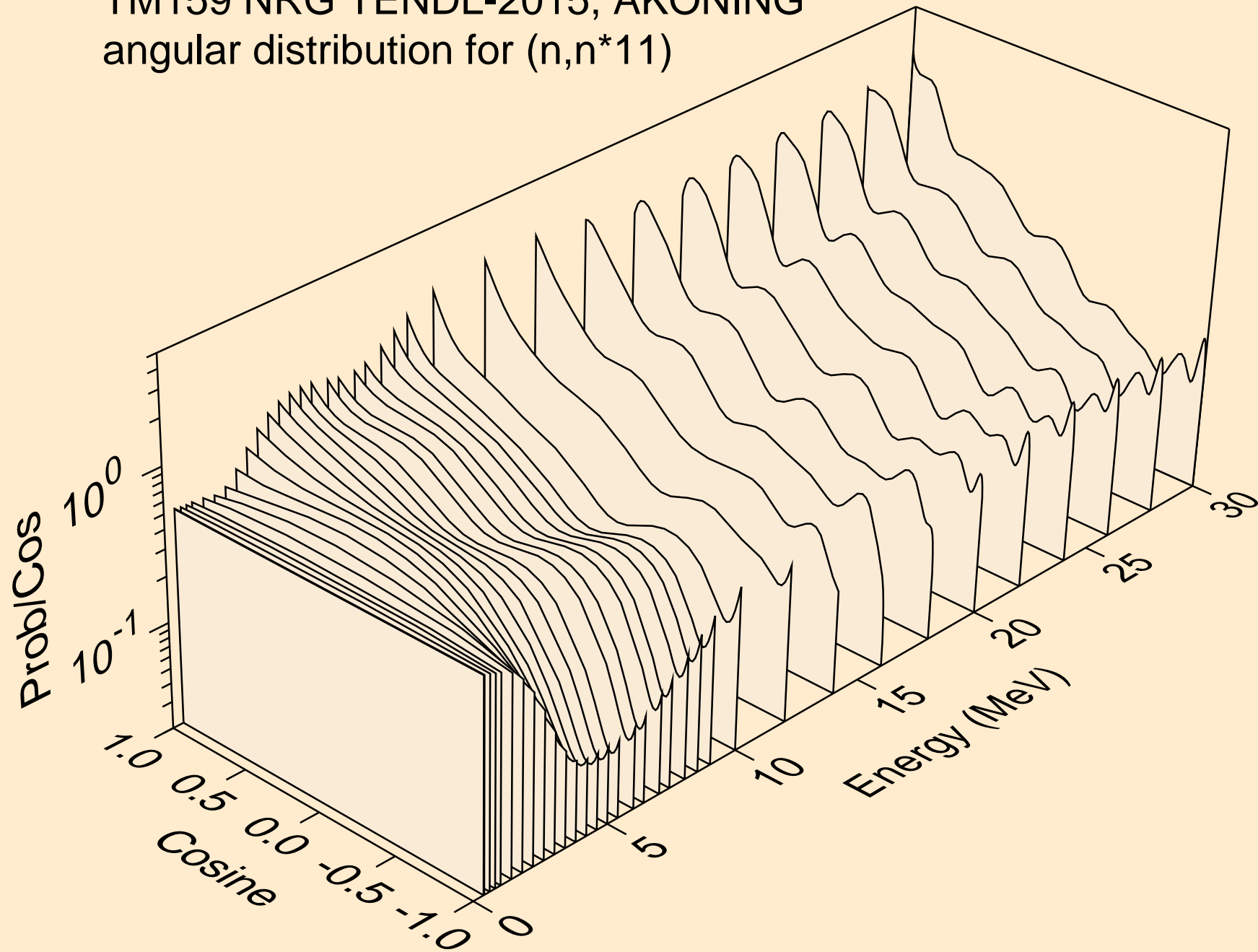
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



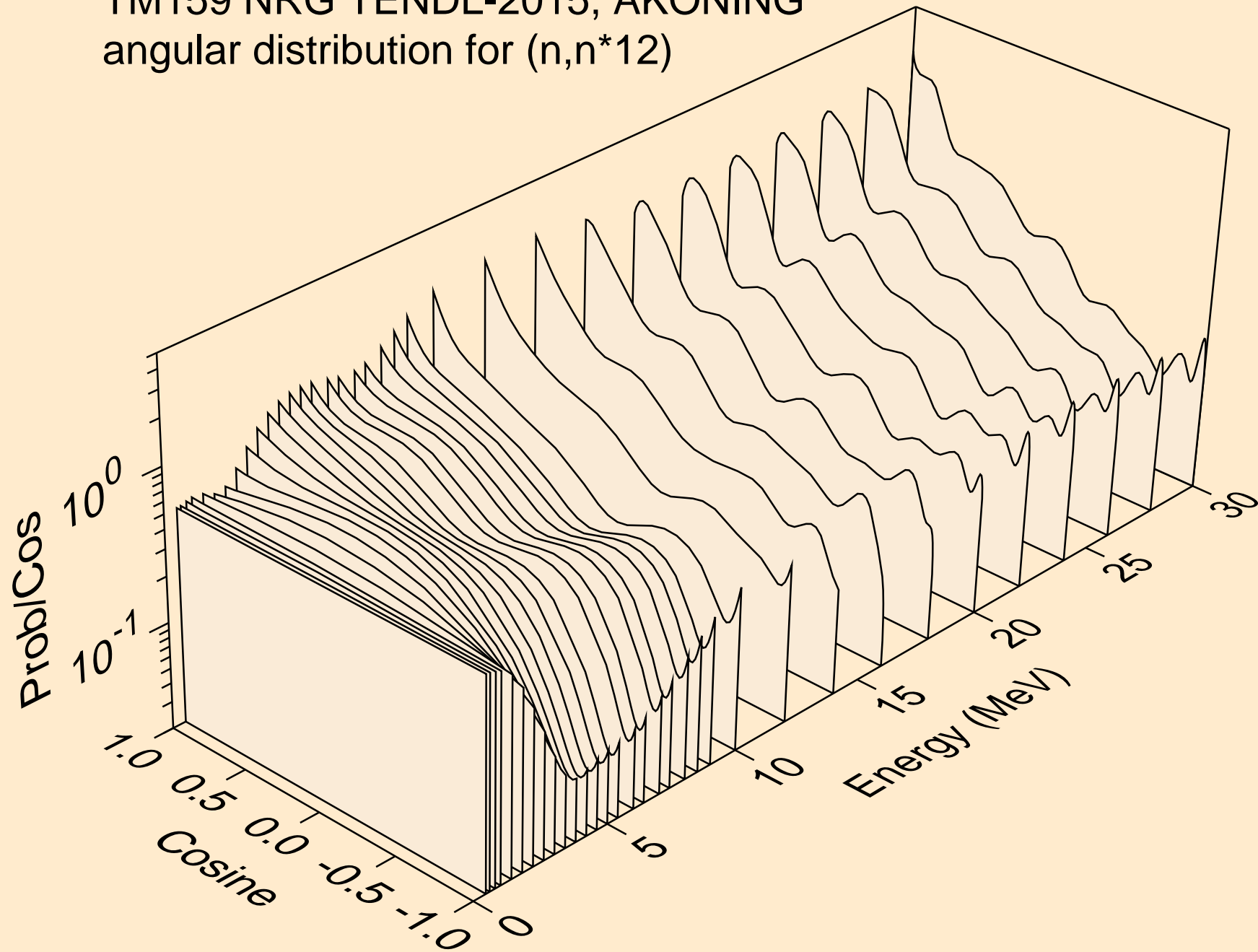
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



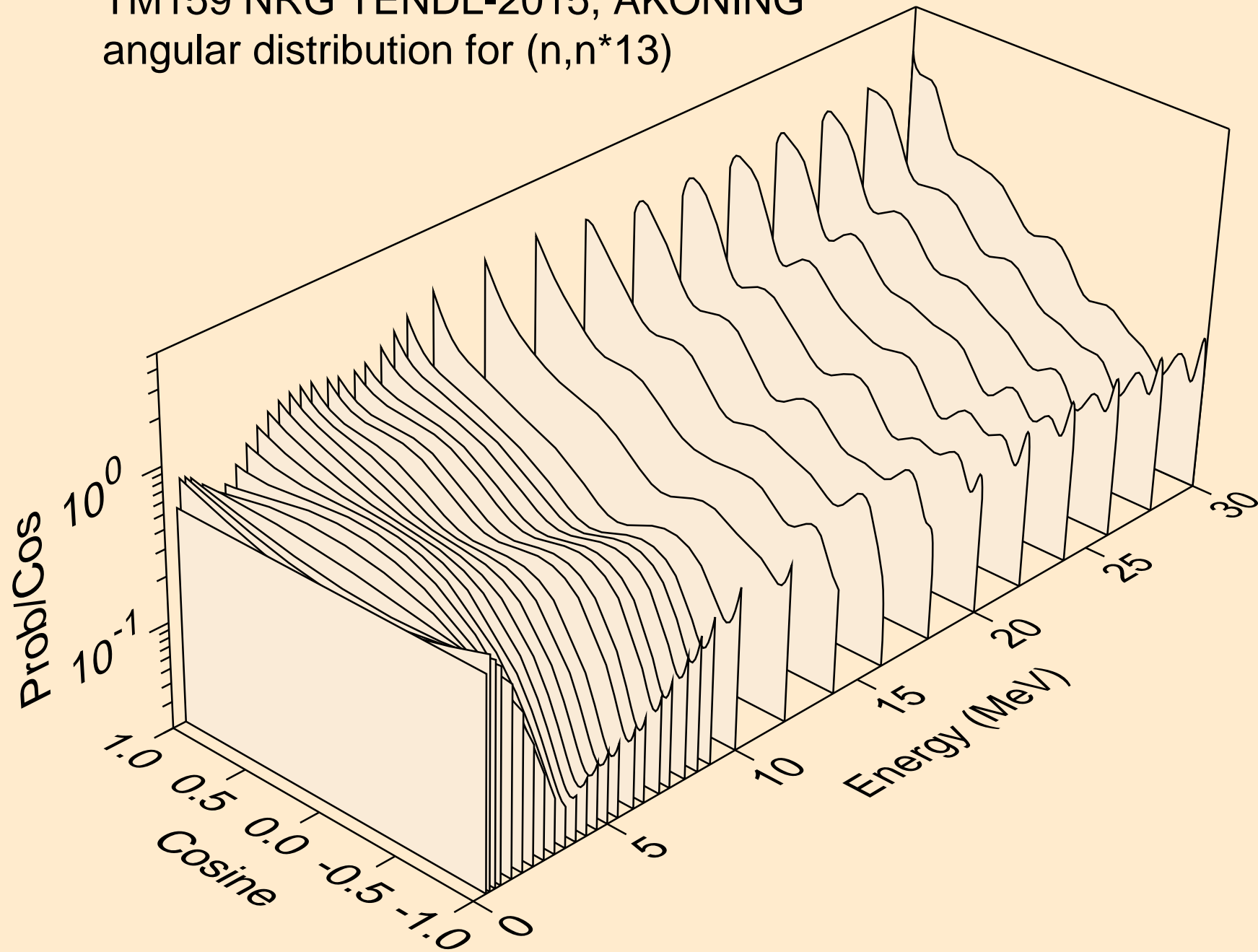
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



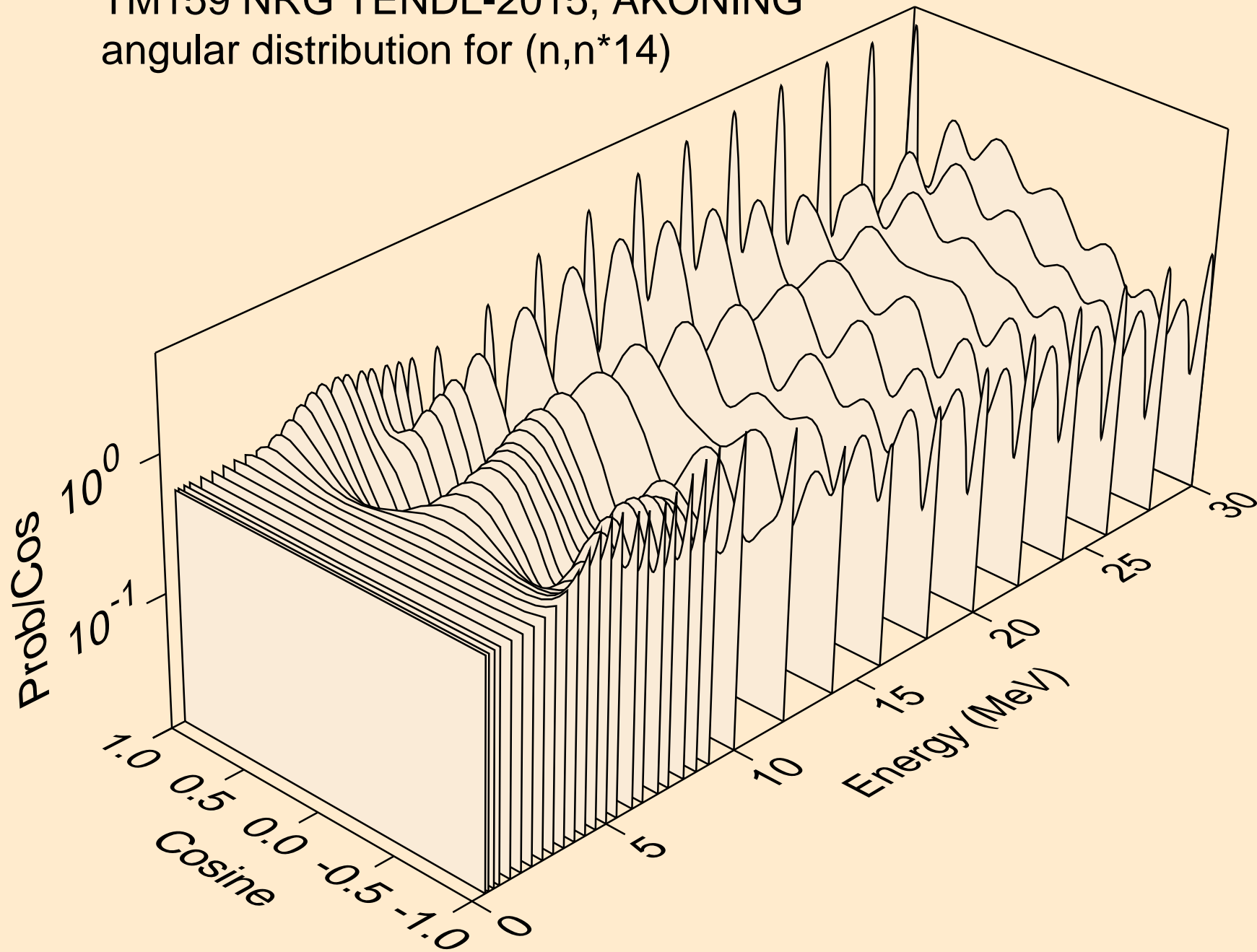
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



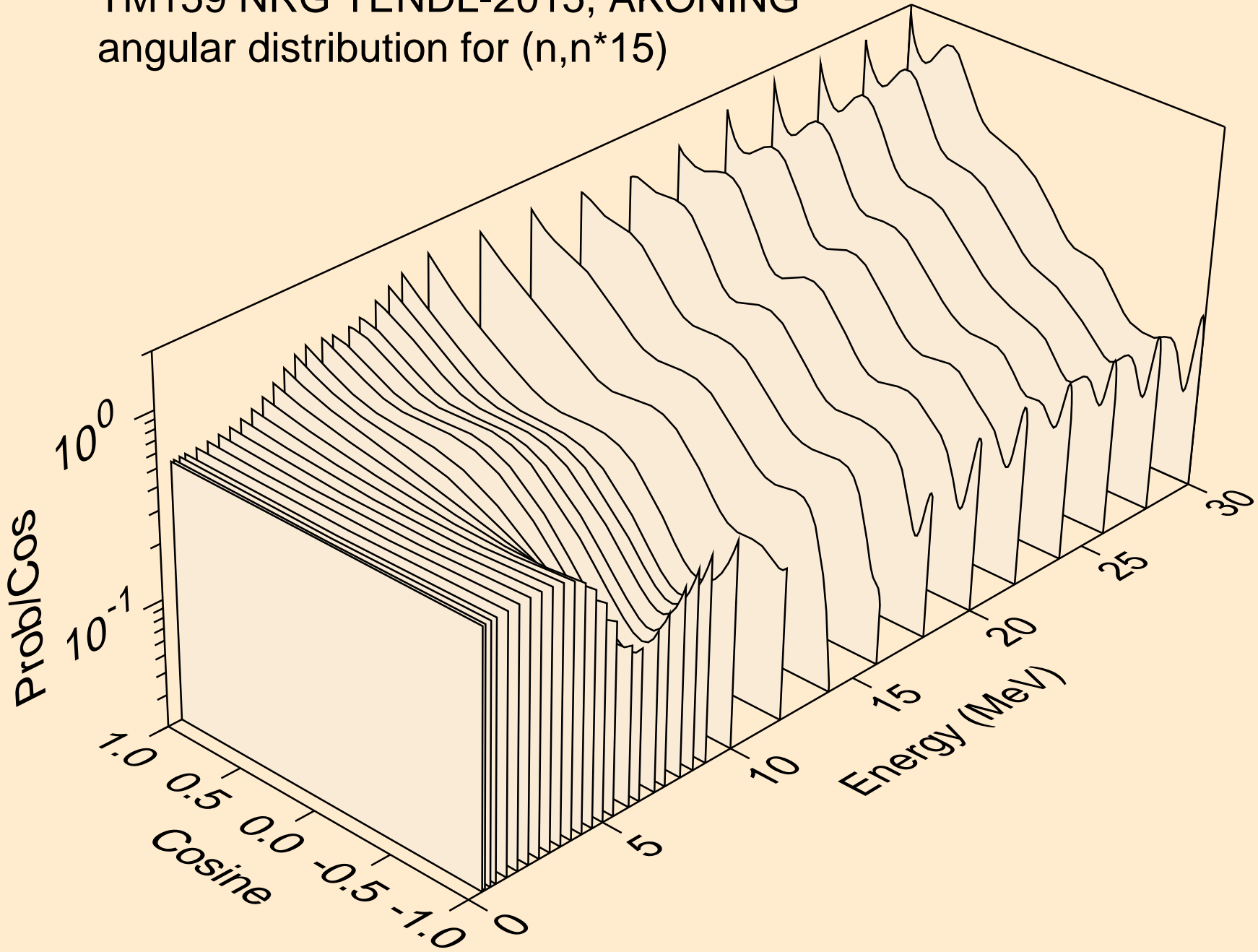
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

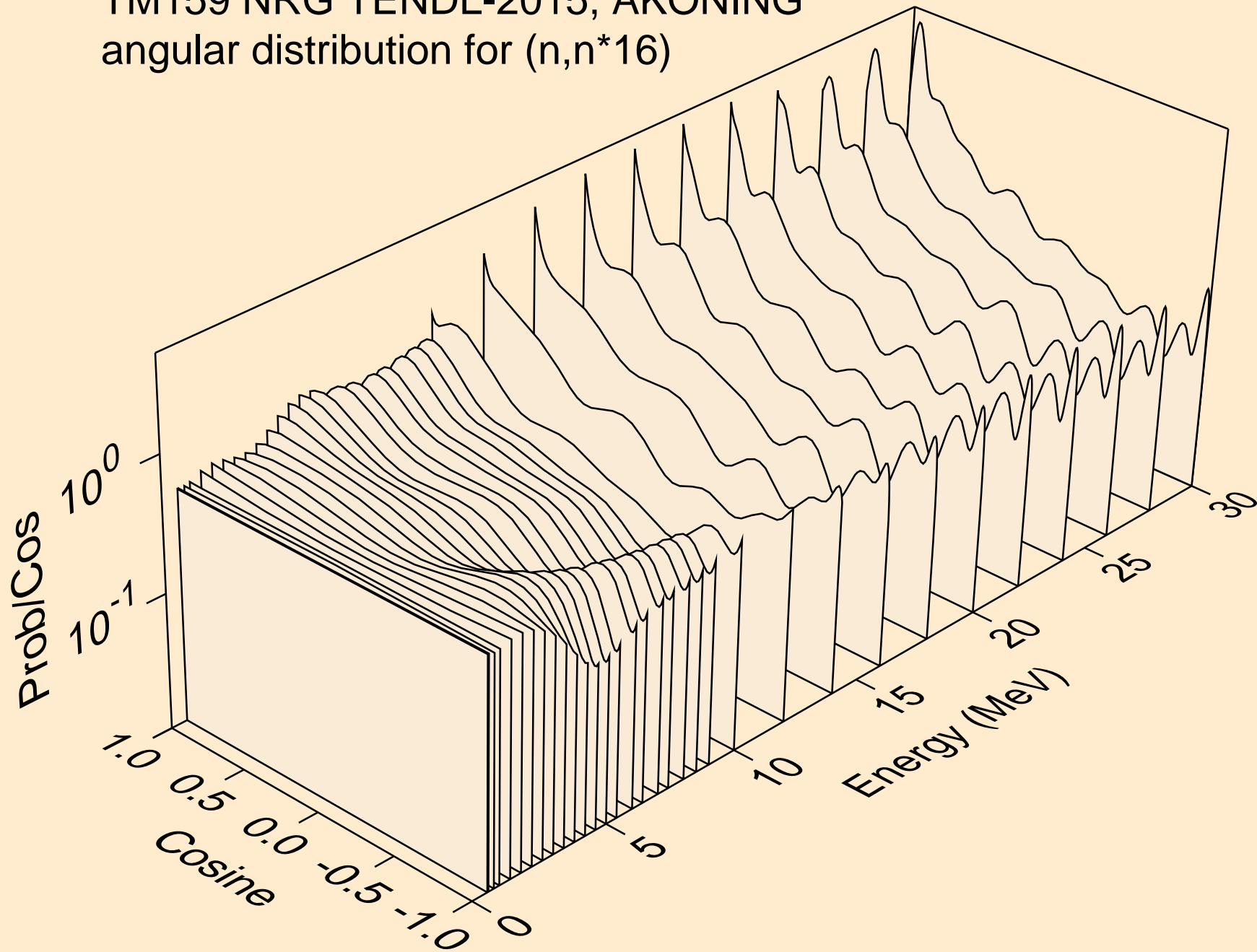


TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



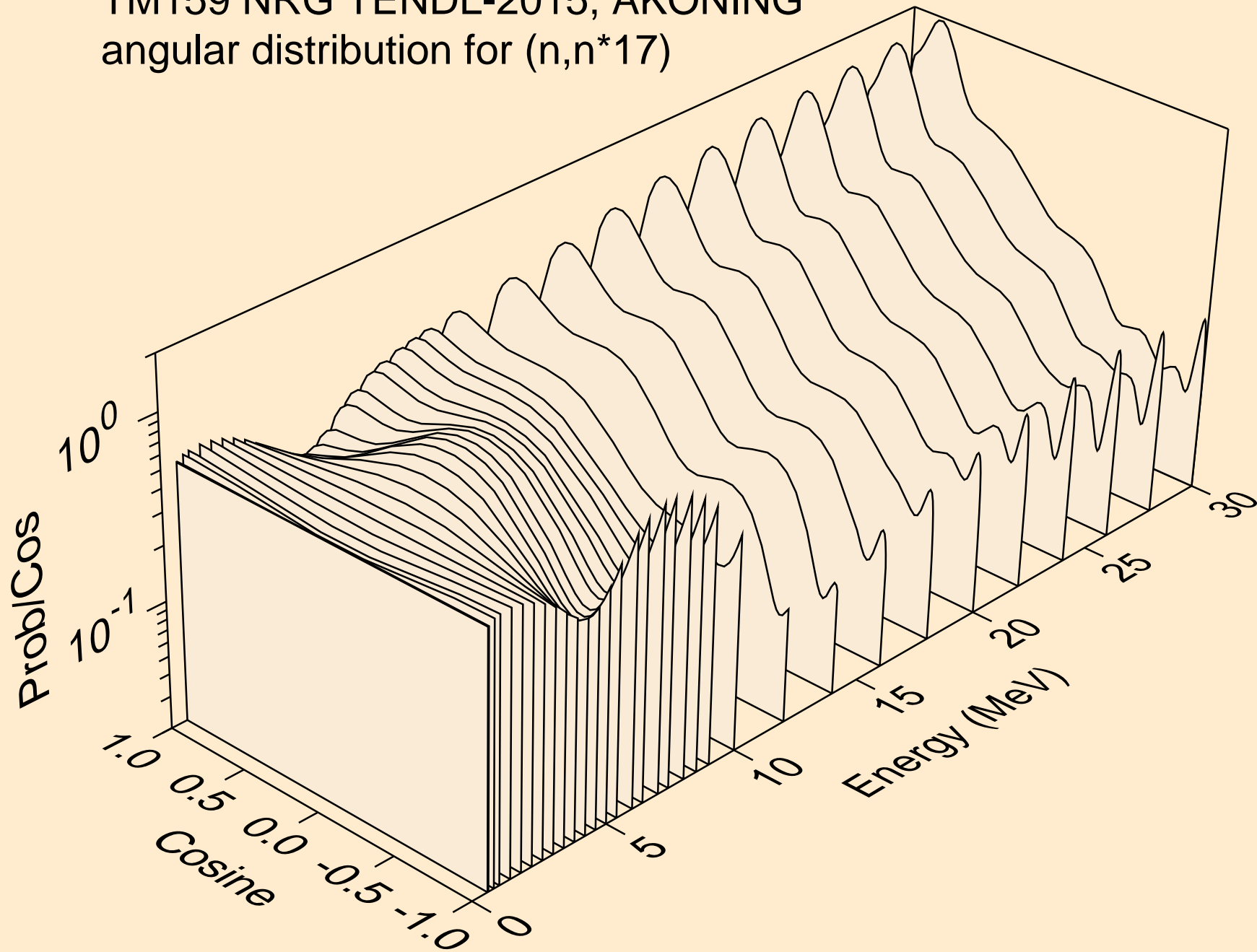


TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

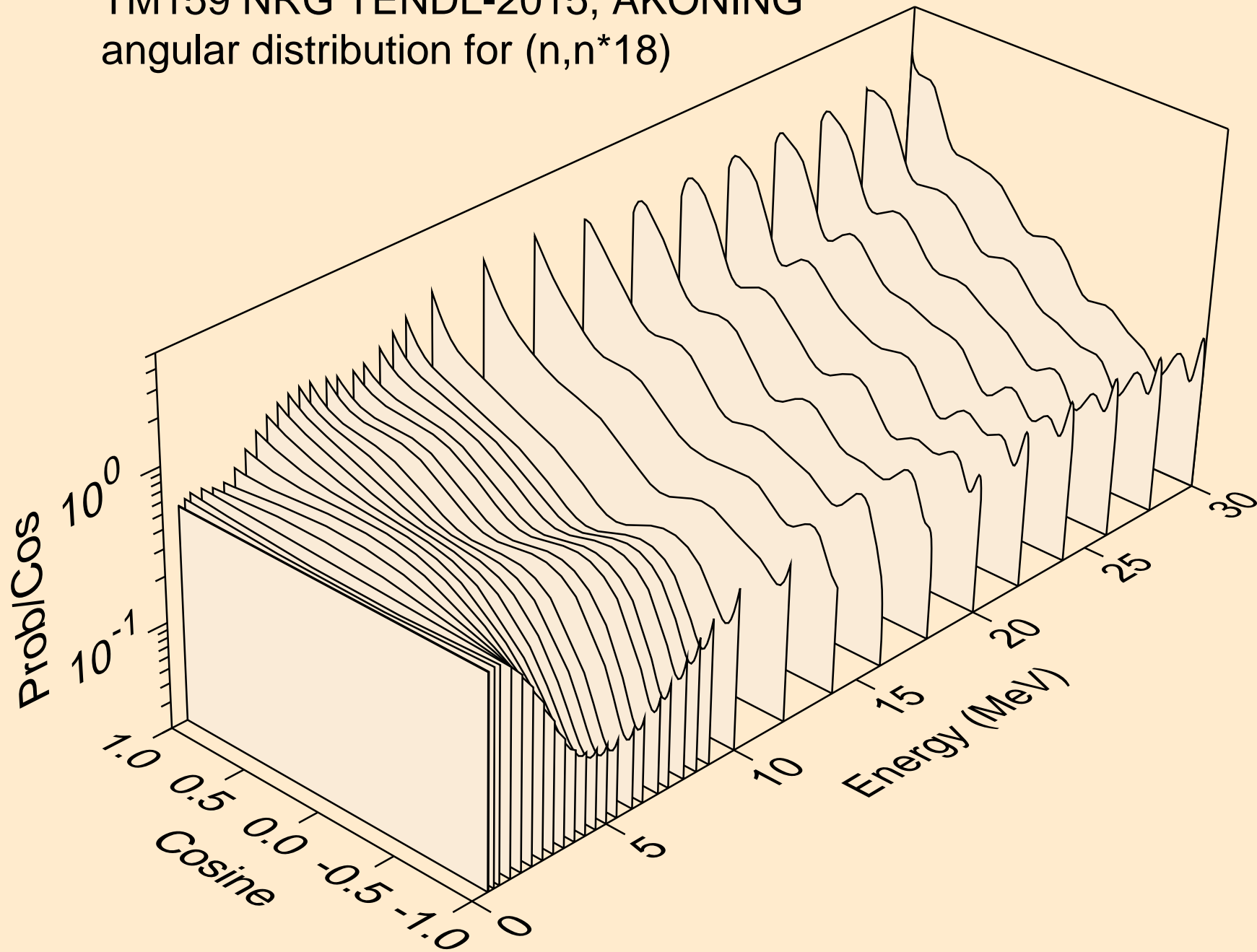




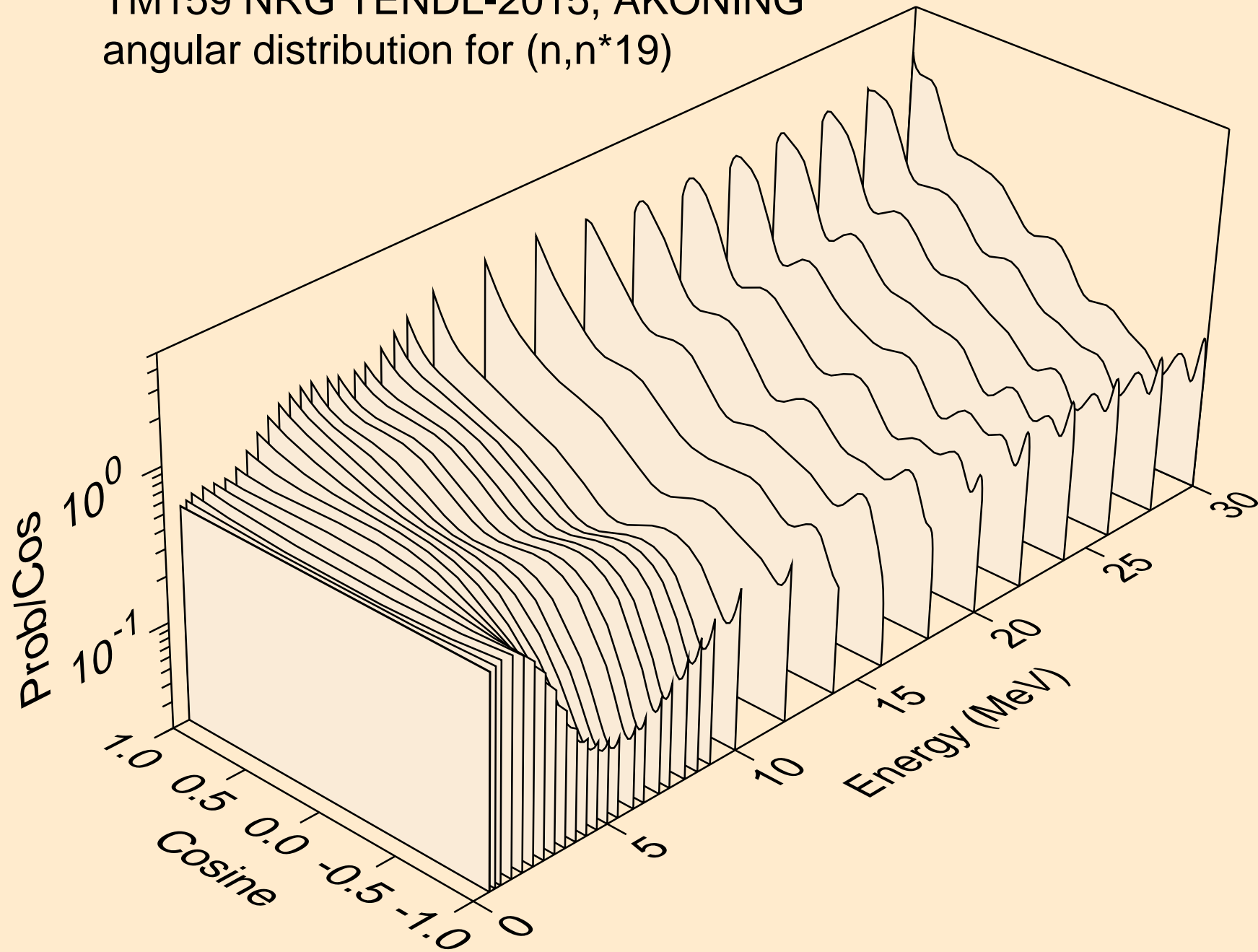
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



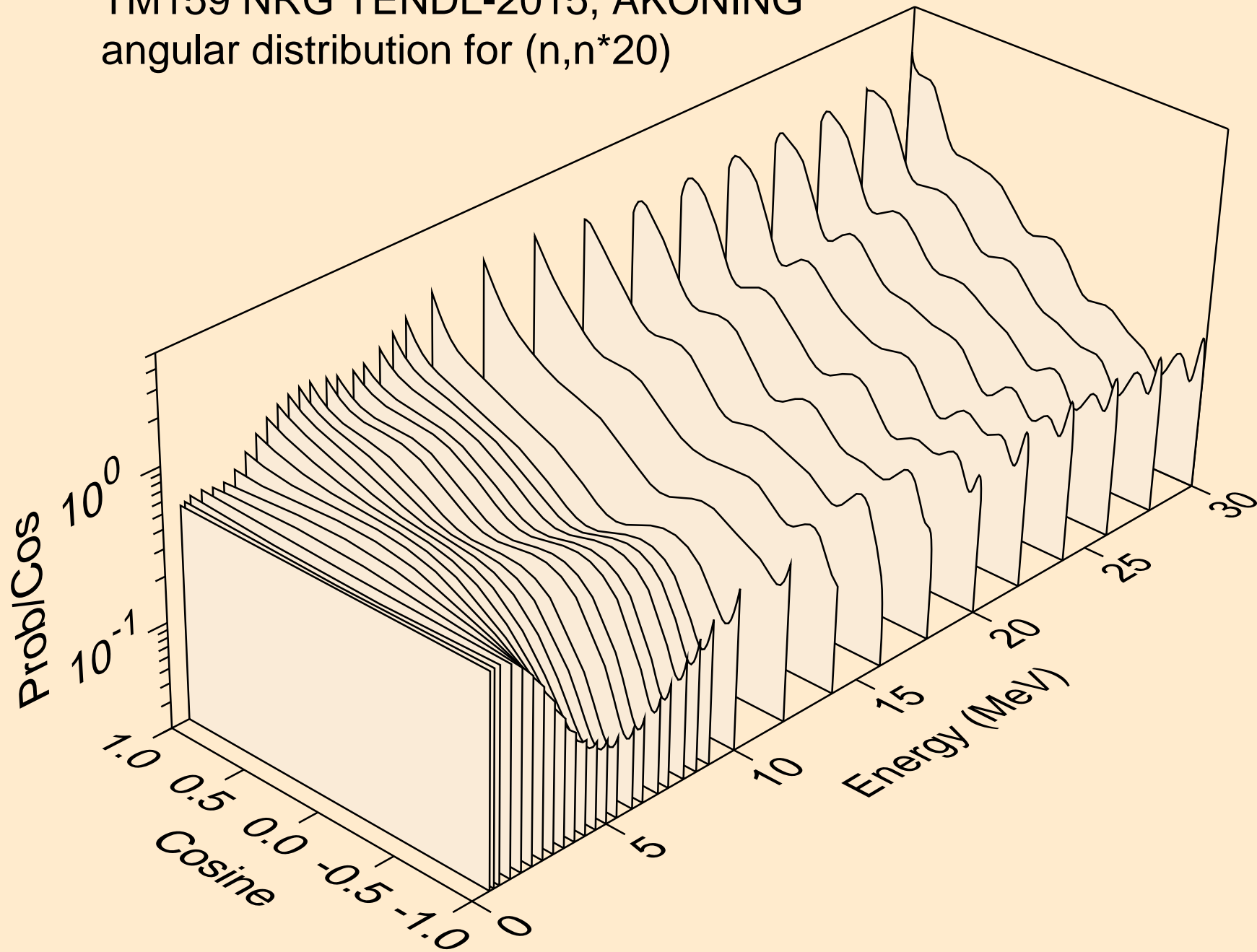
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



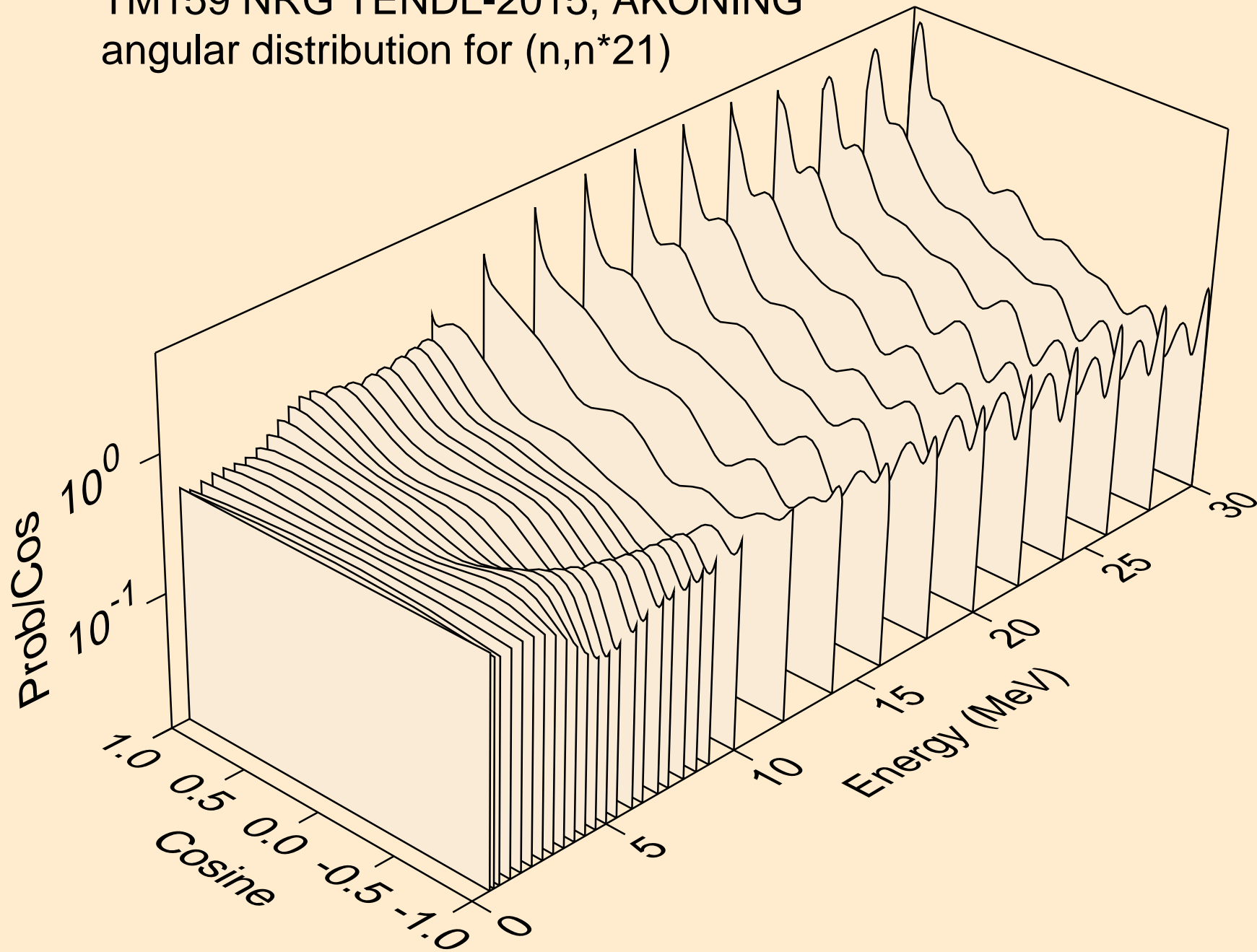
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



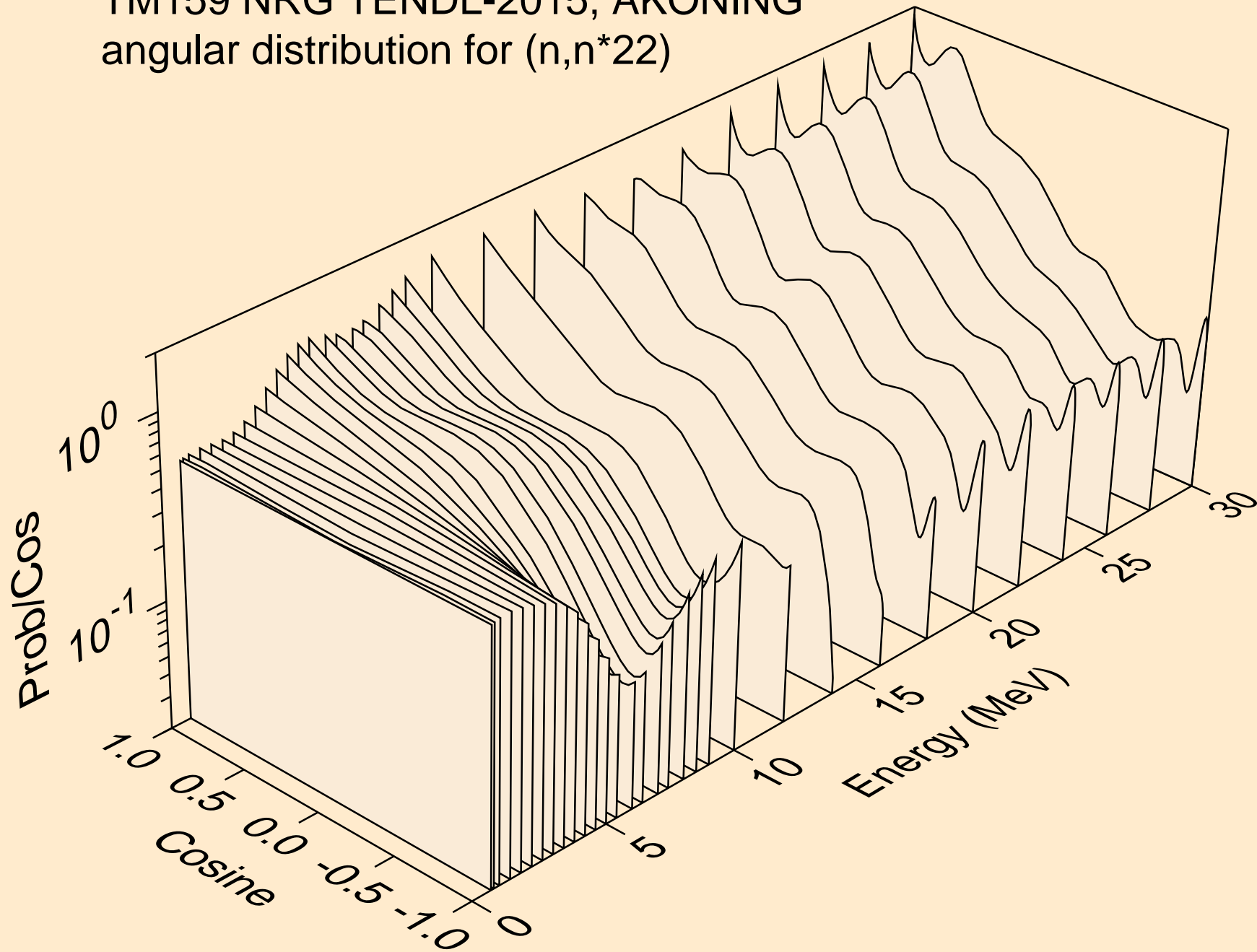
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



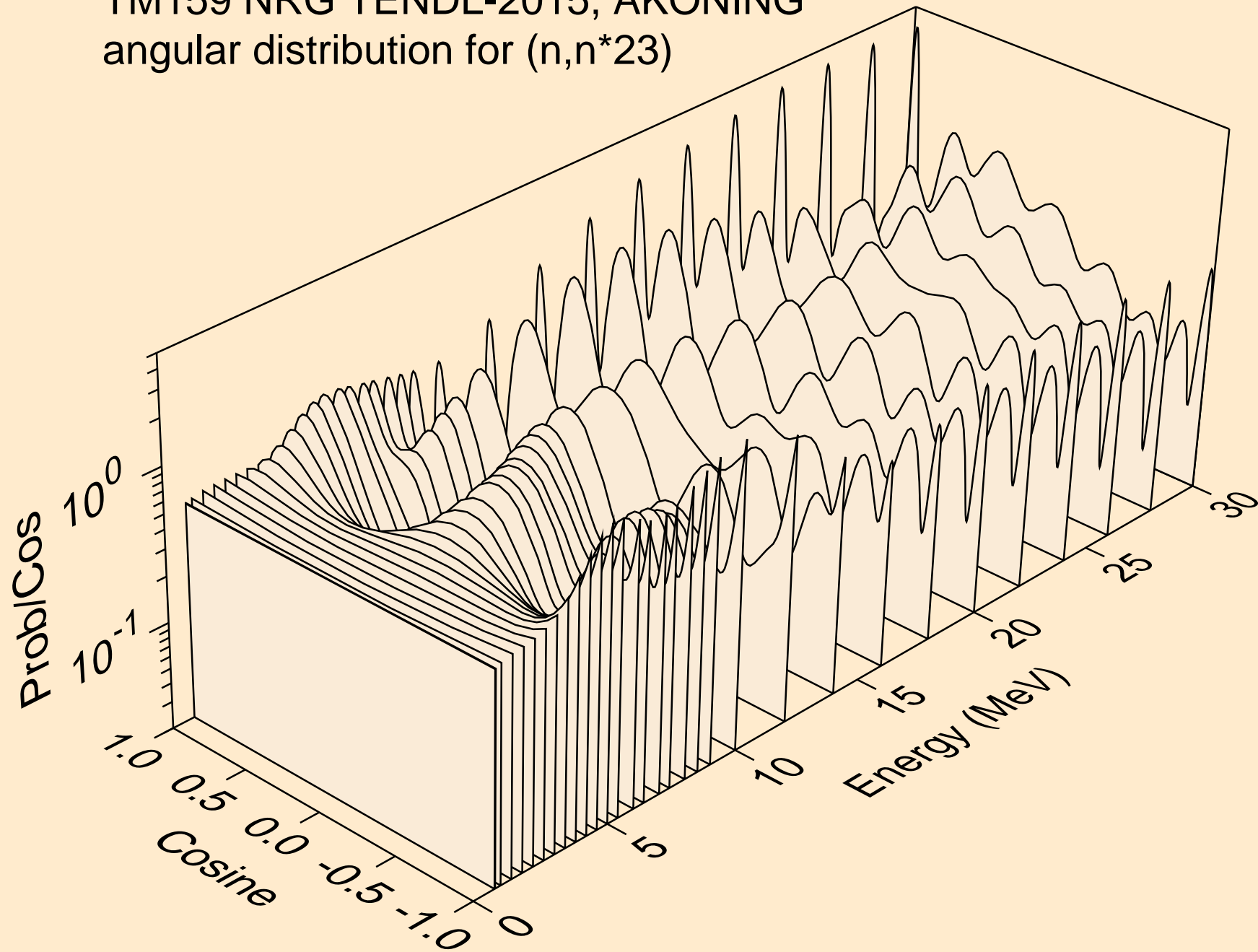
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



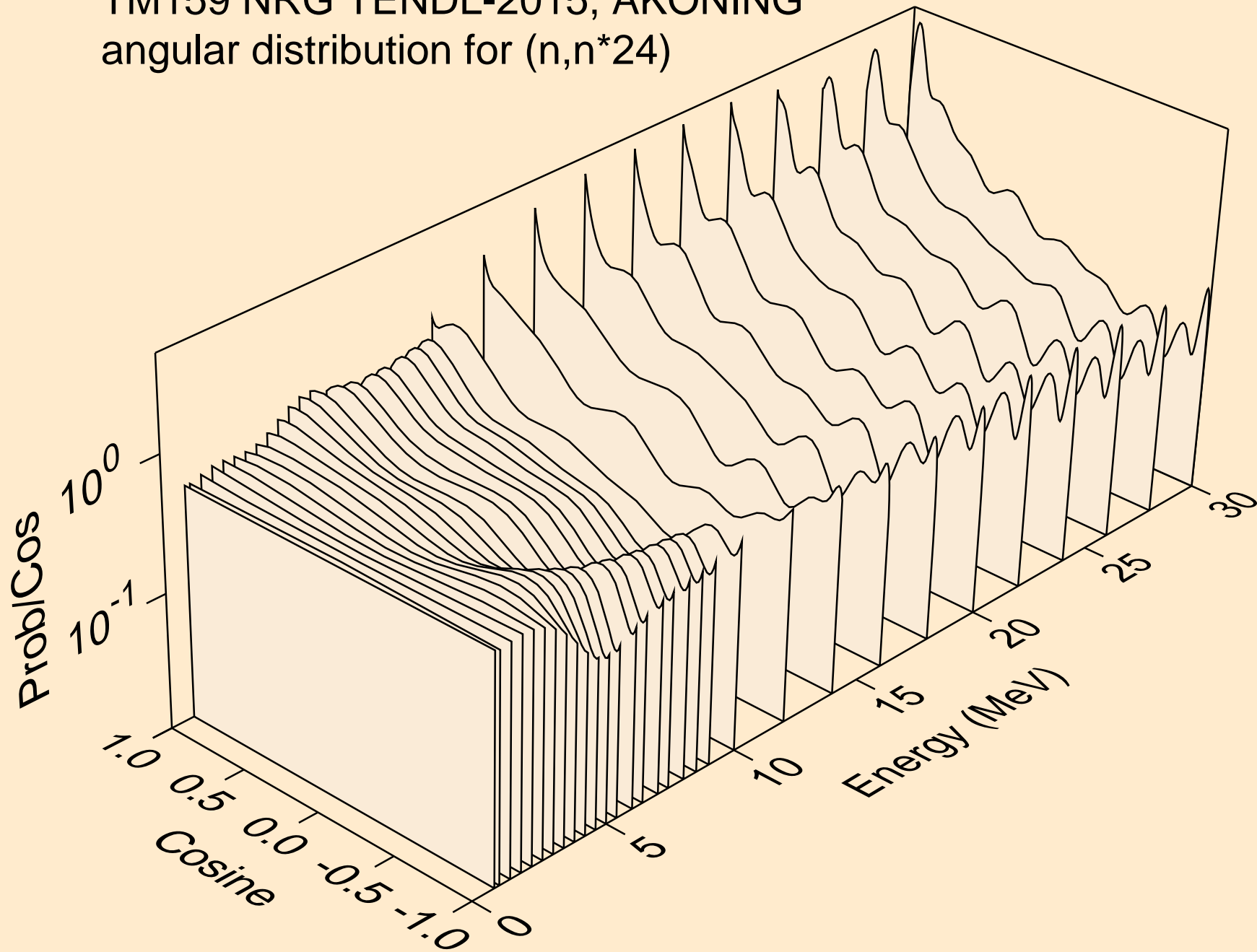
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

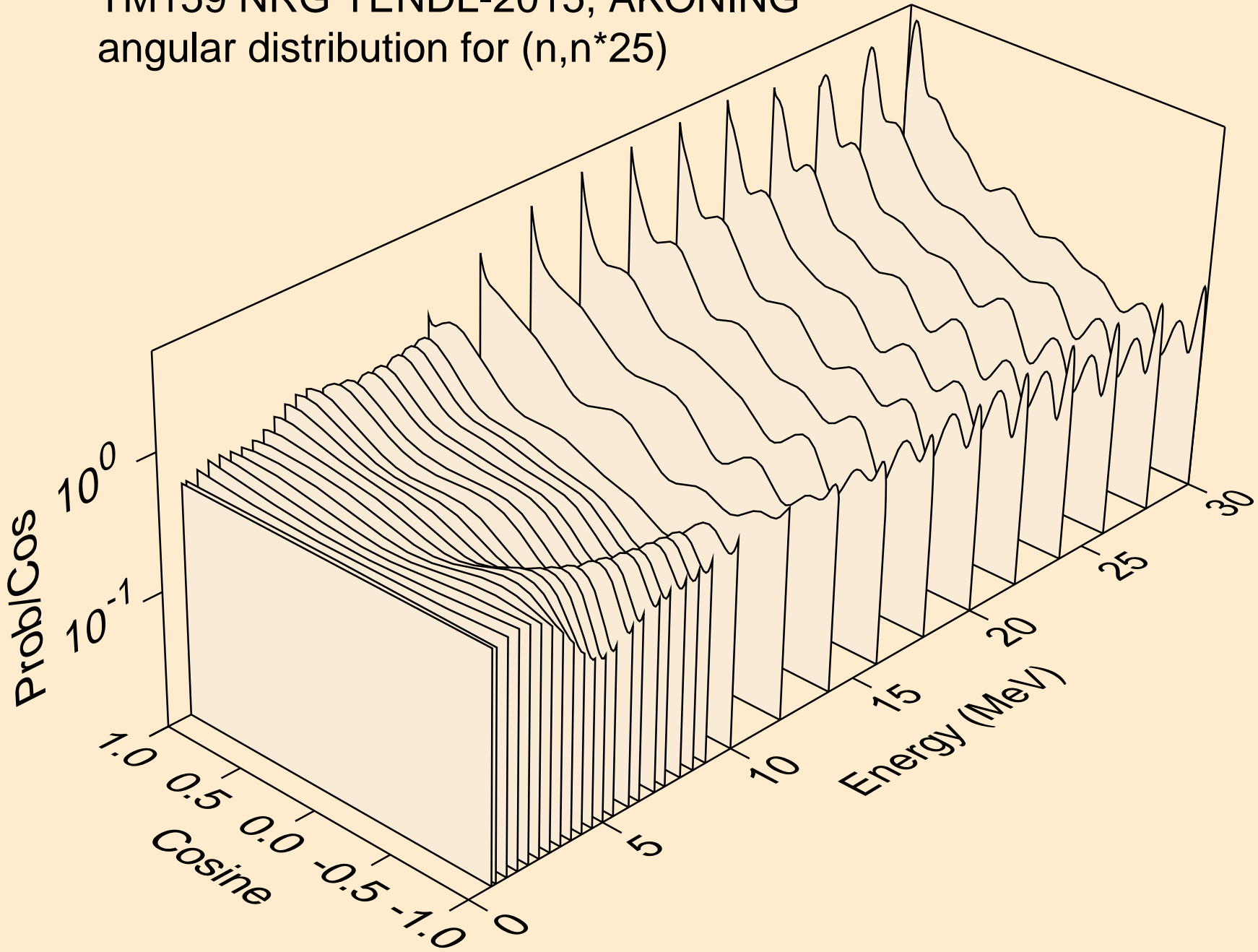


TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

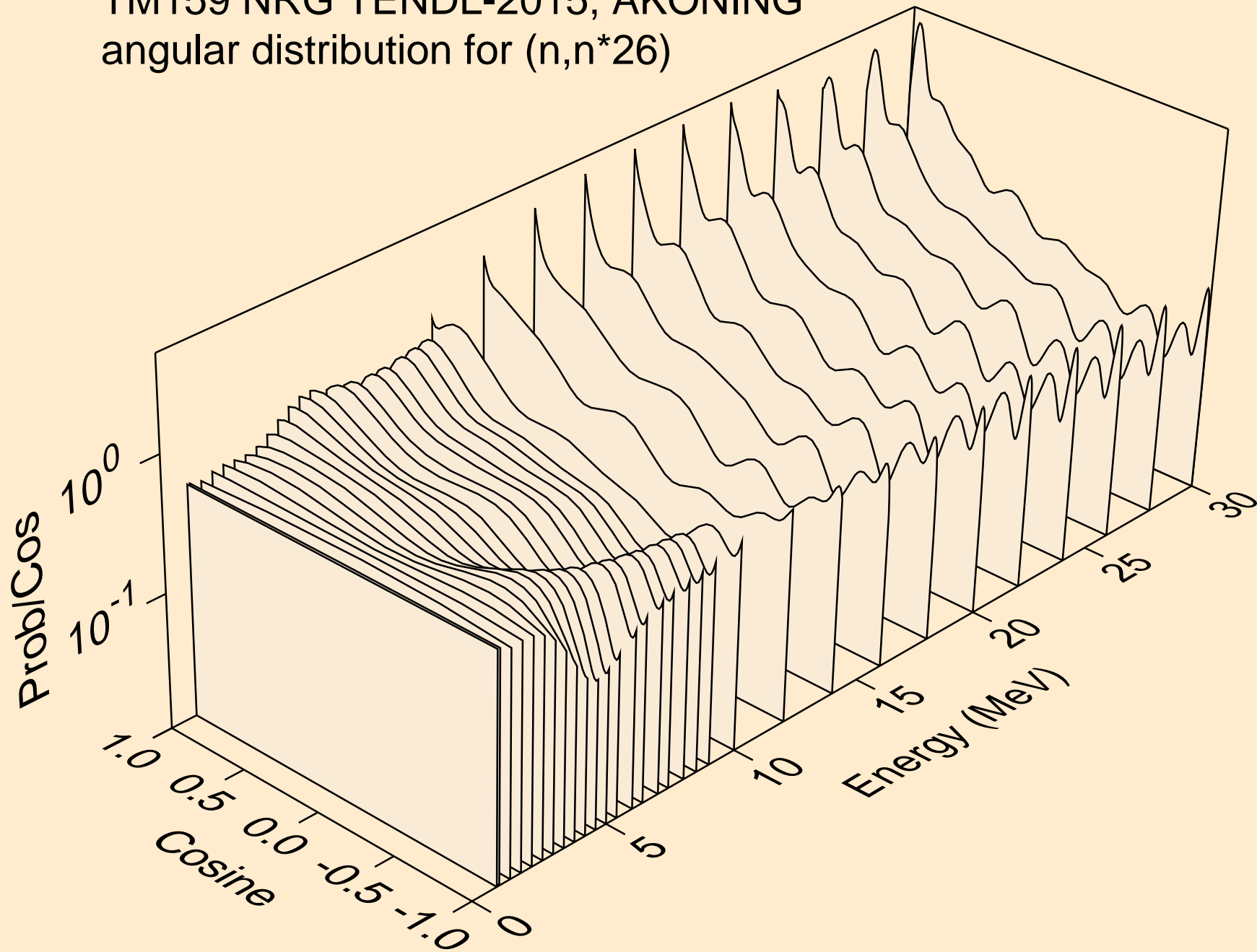




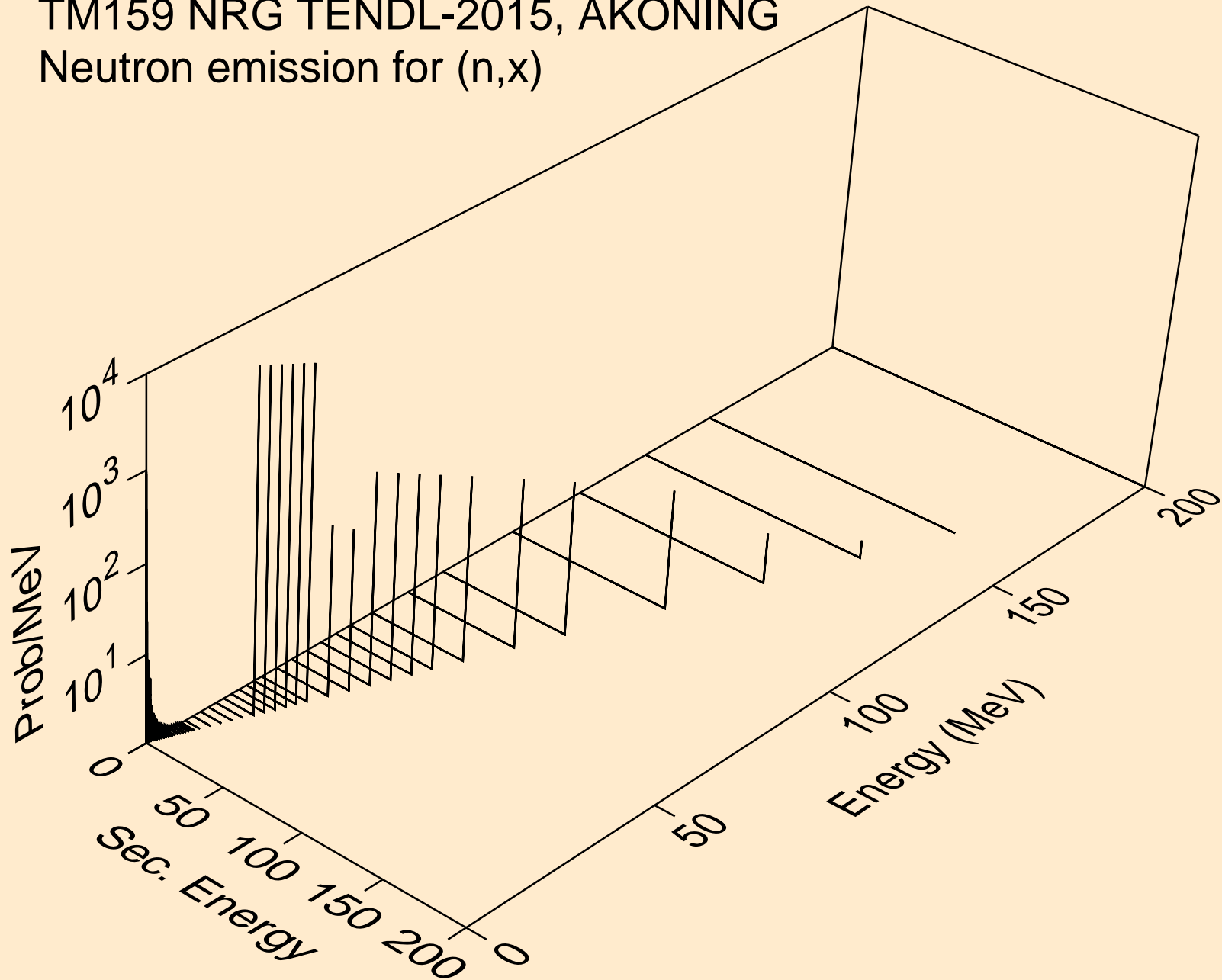
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



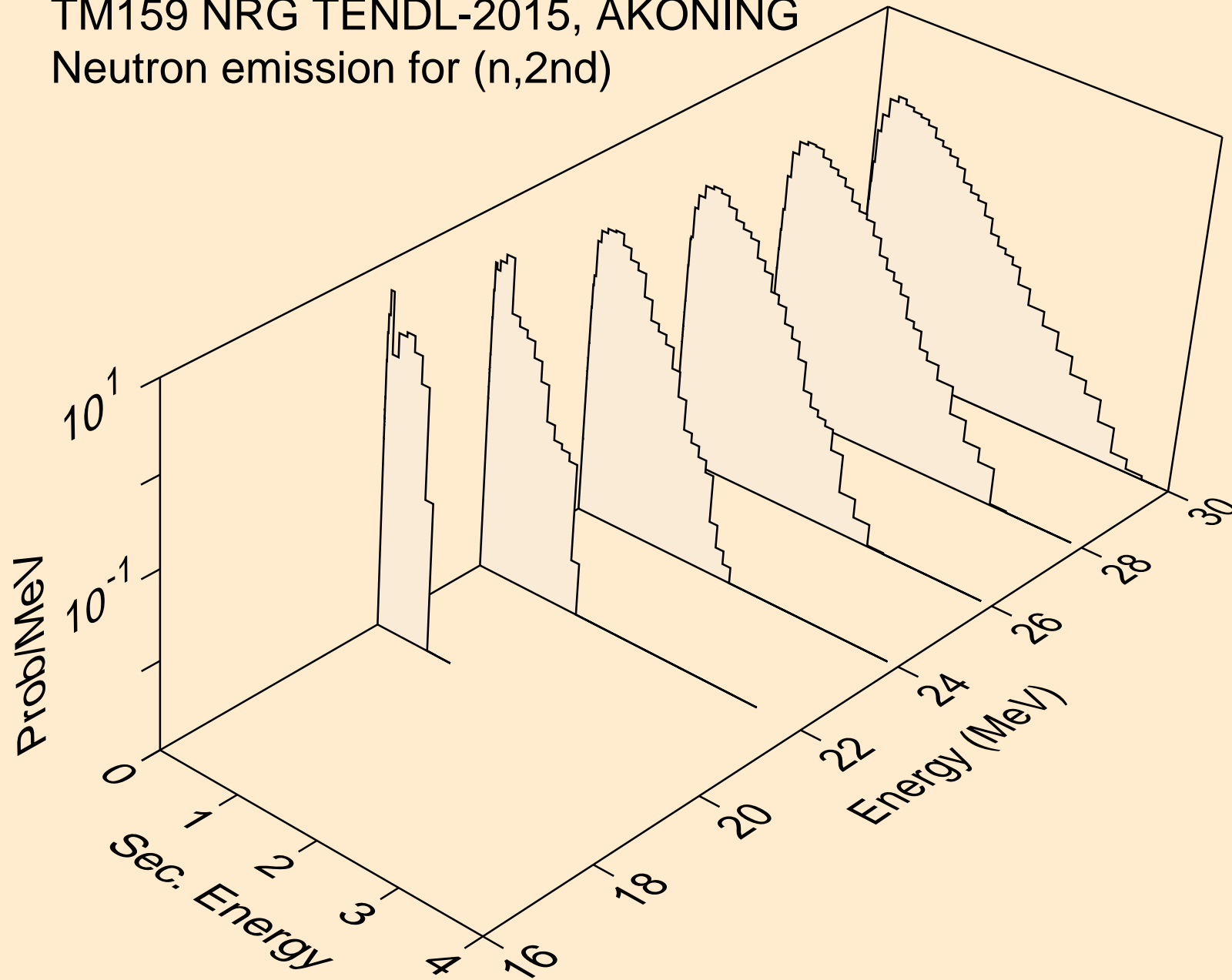
TM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



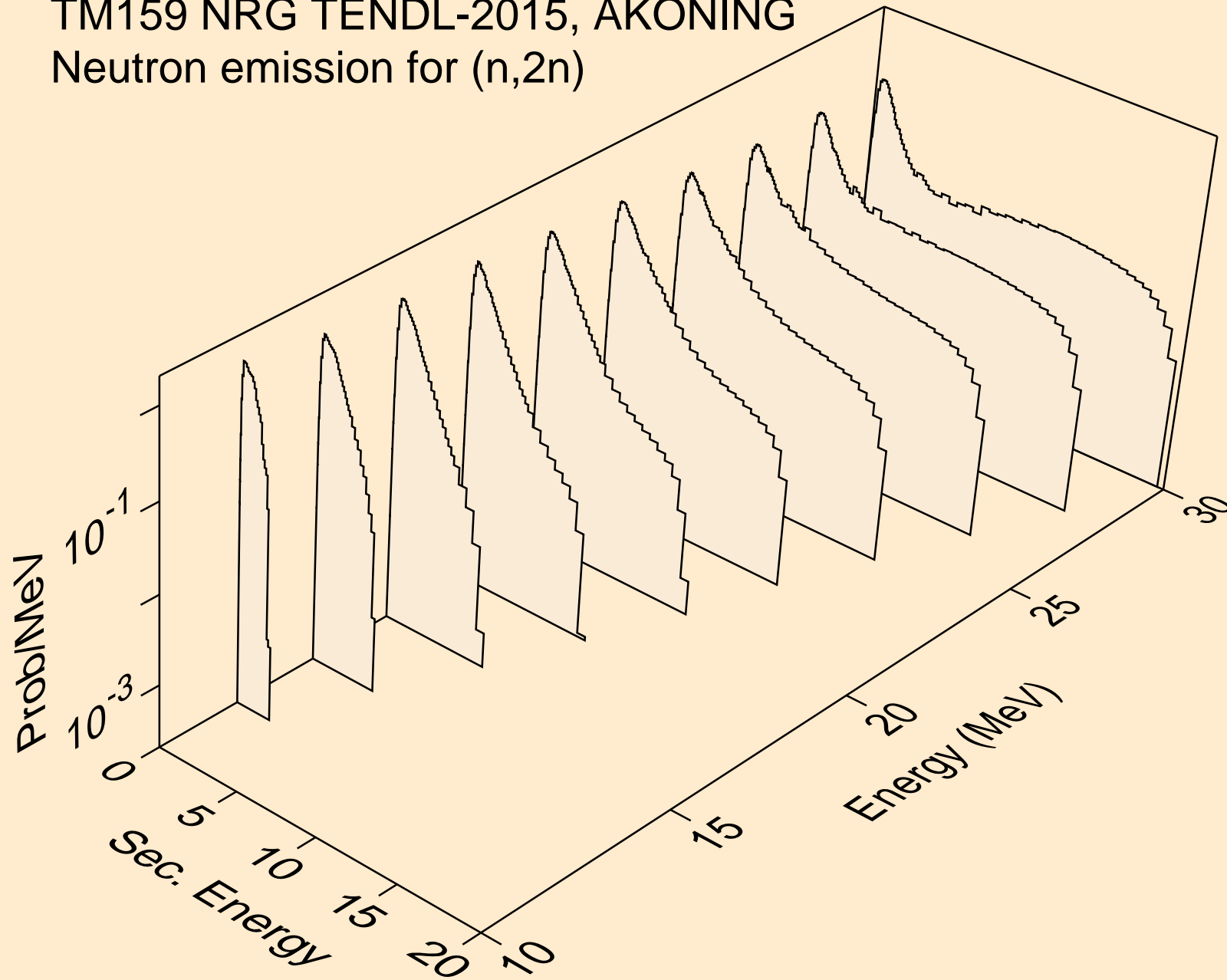
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



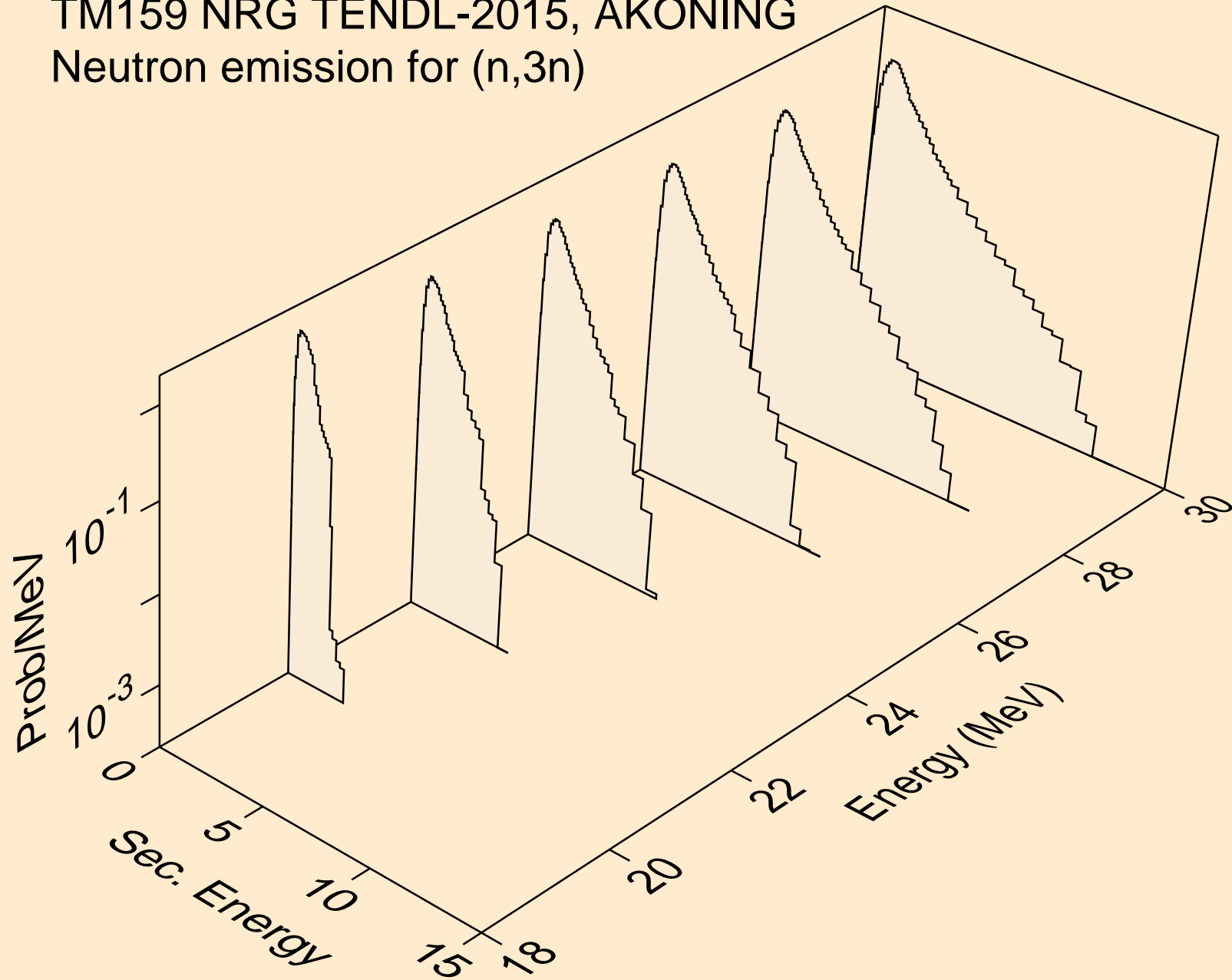
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



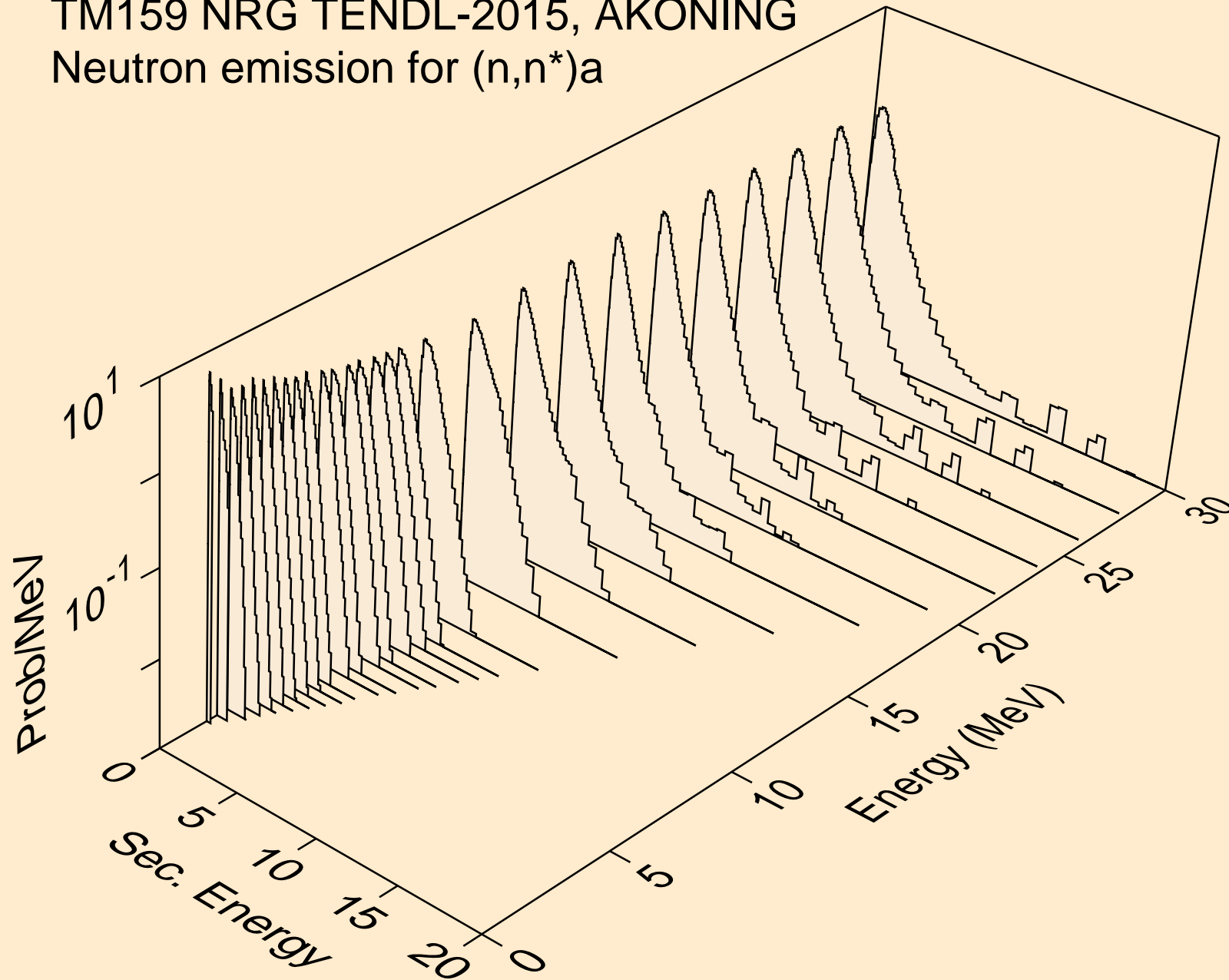
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



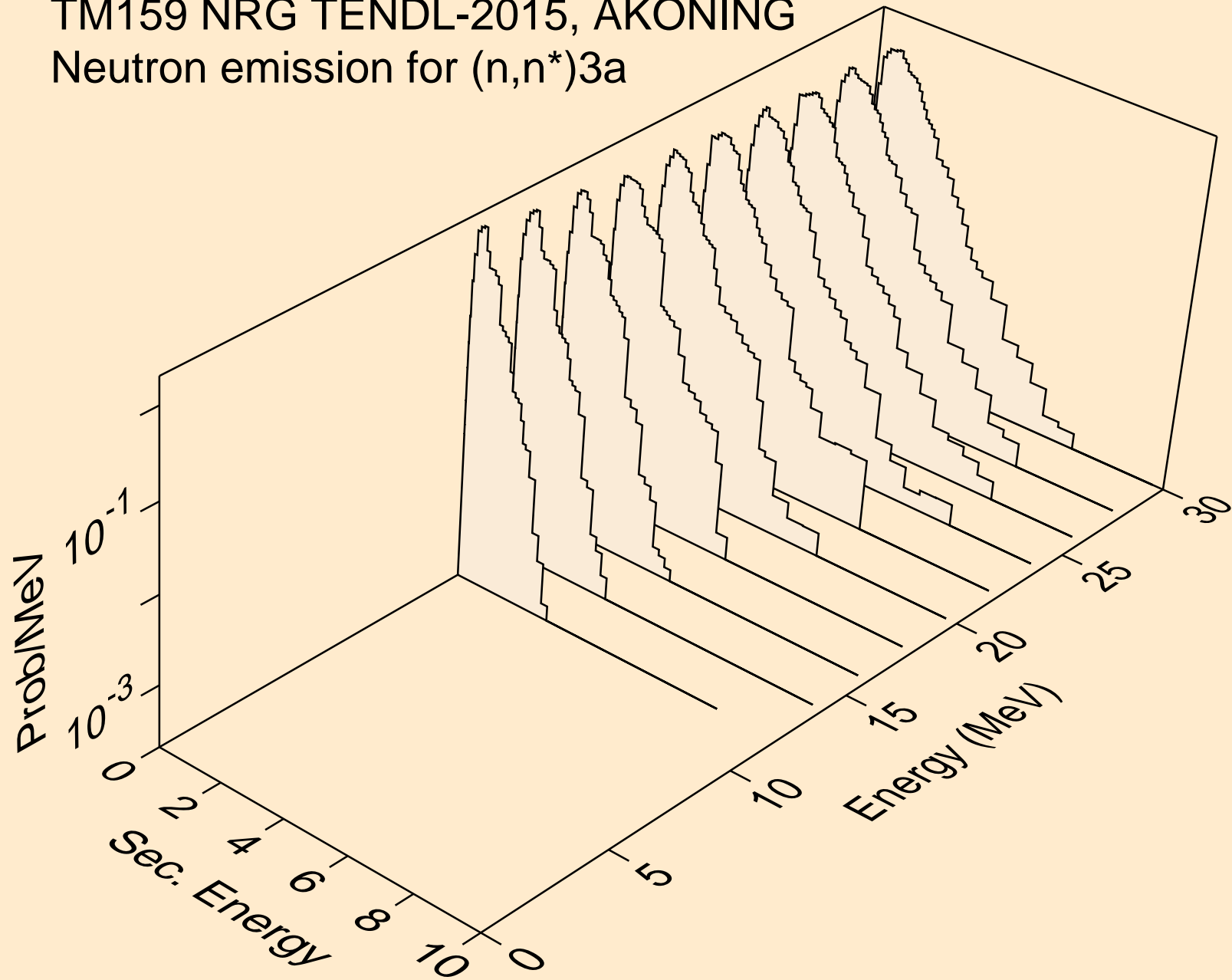
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

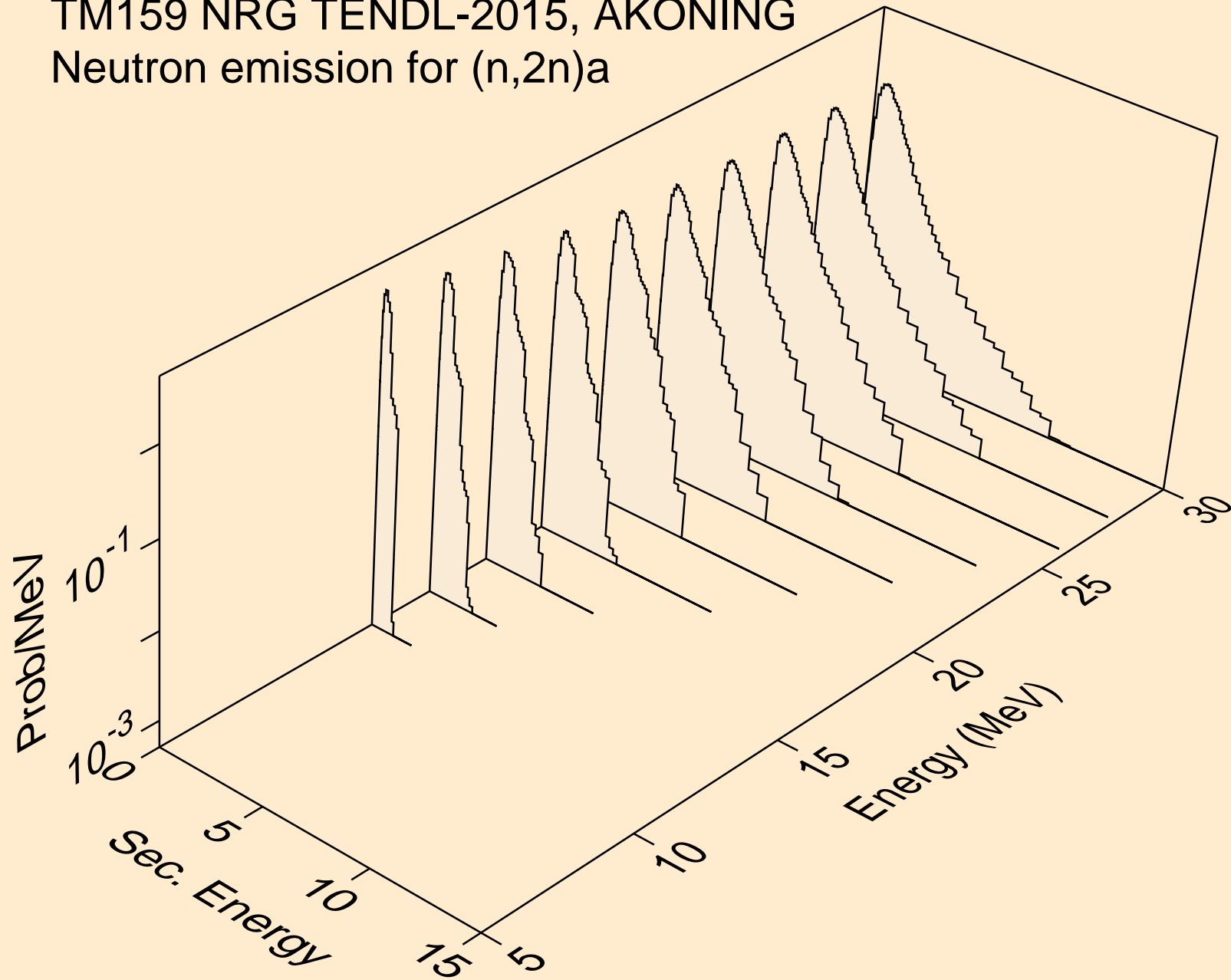


TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

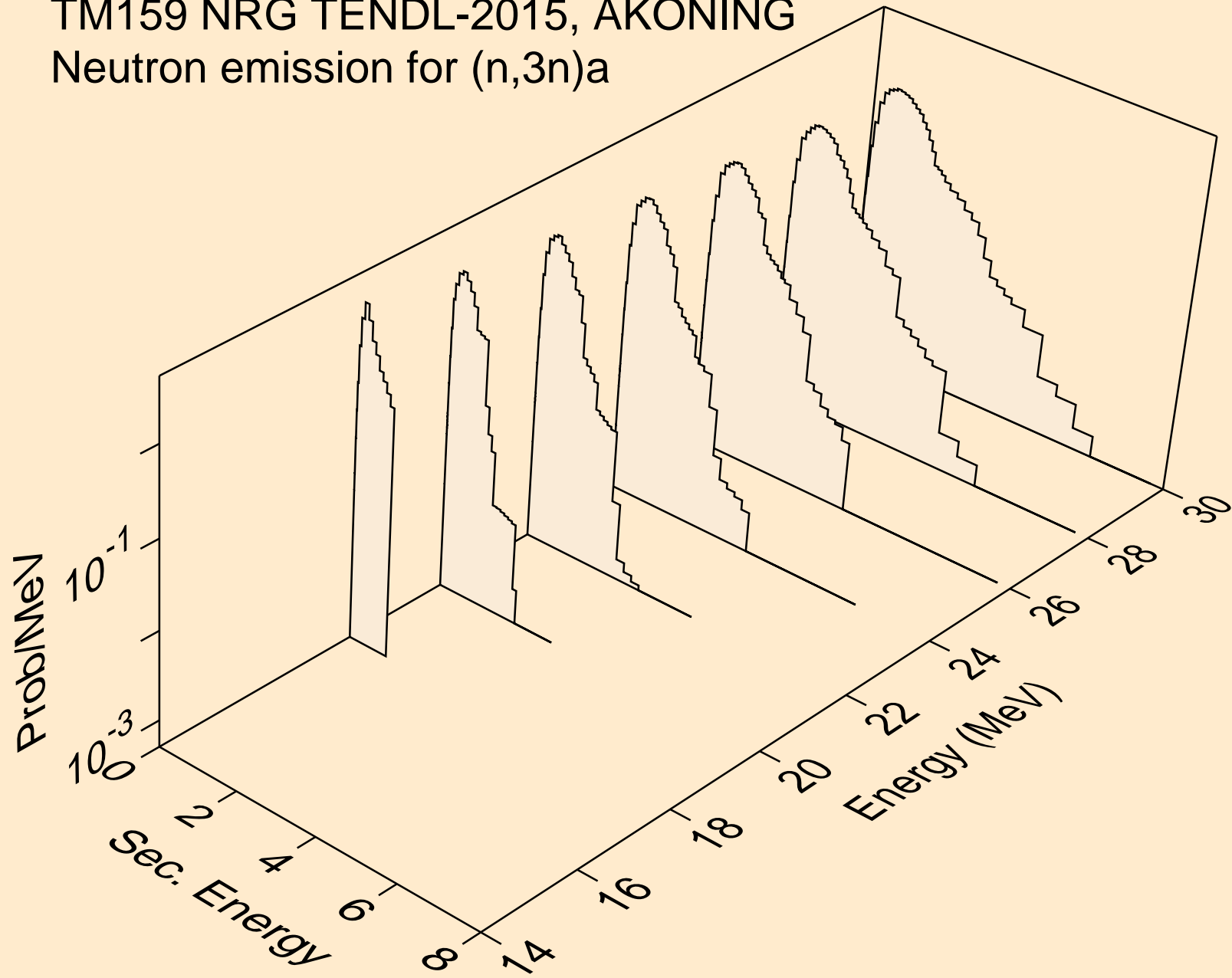




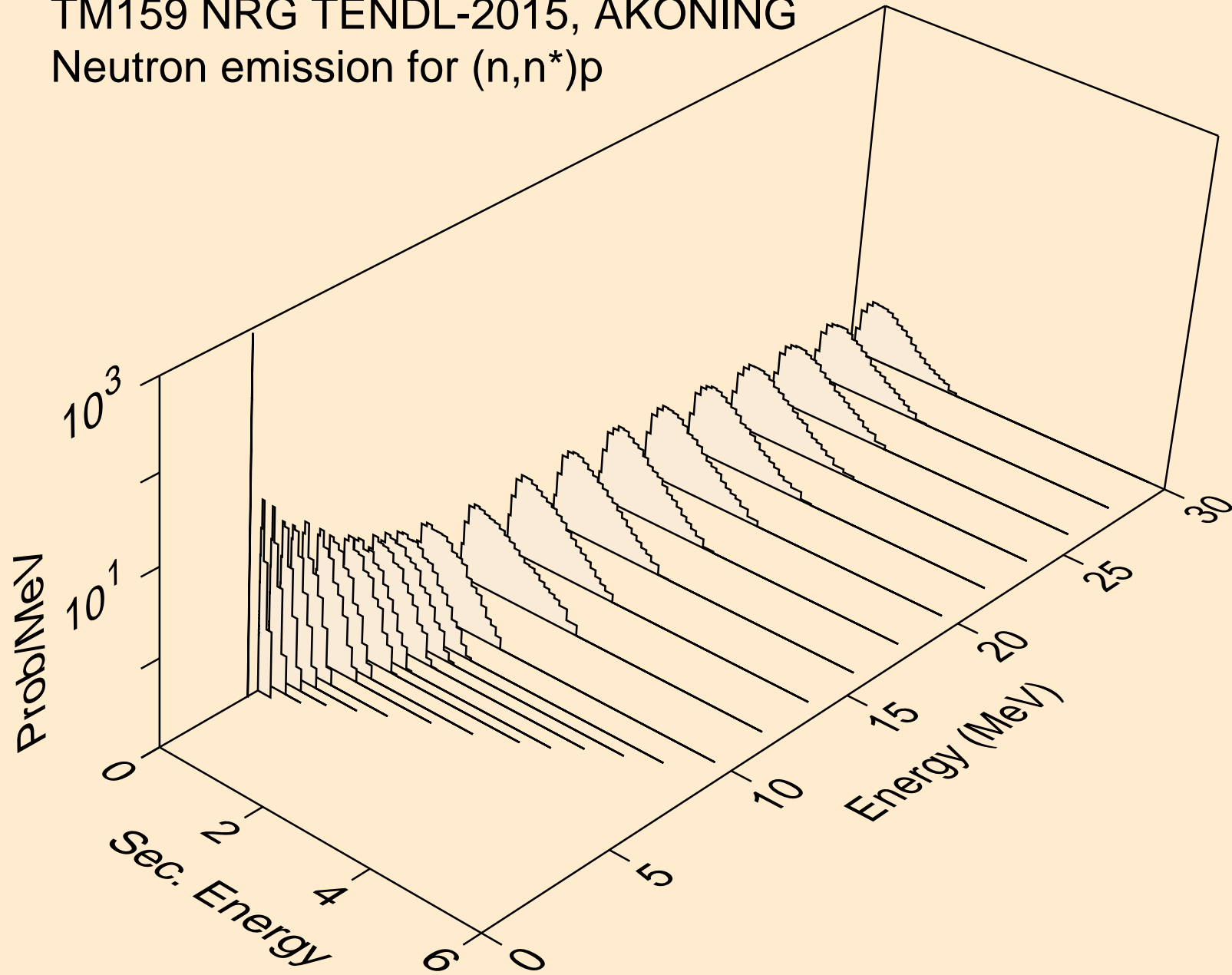
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



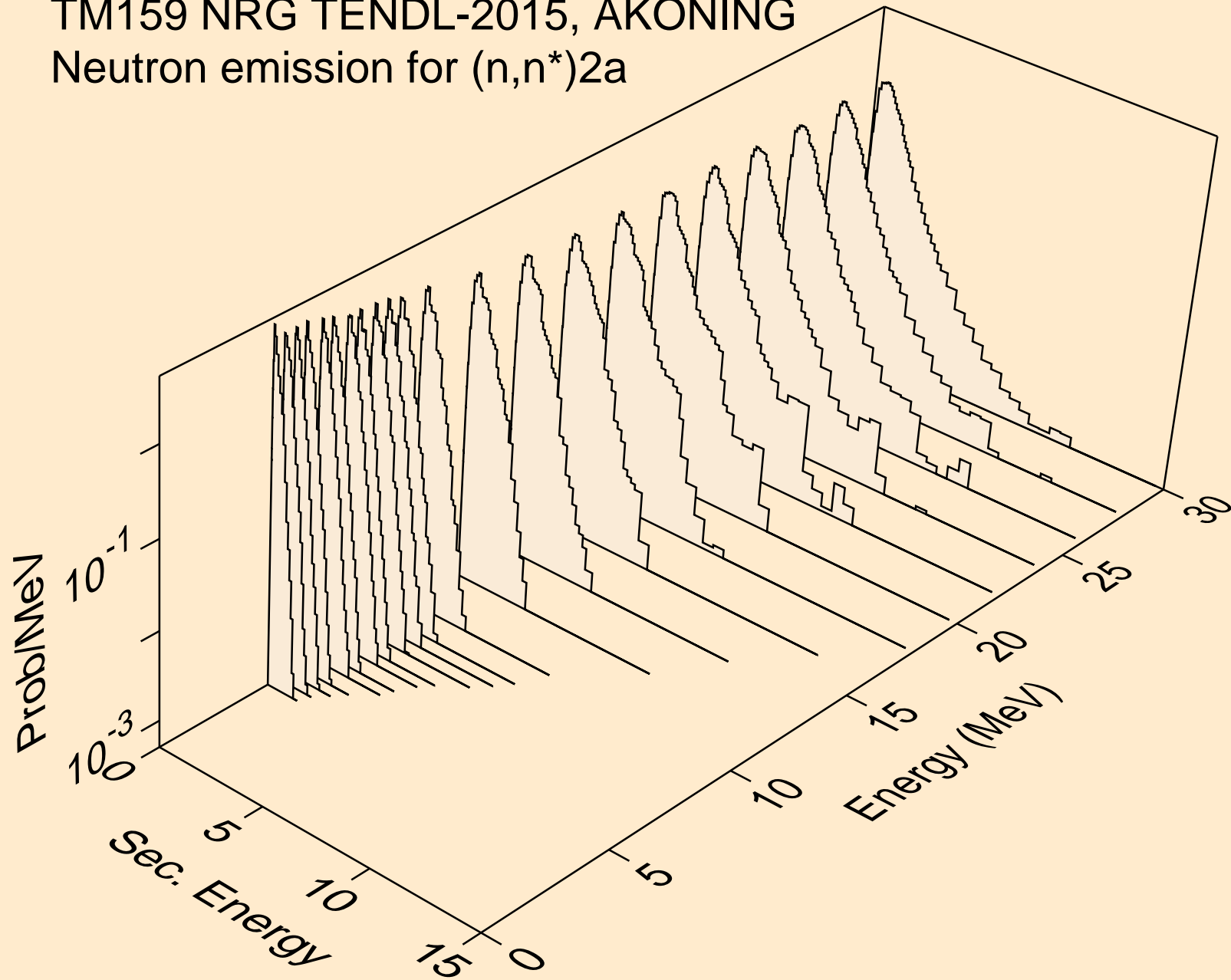
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



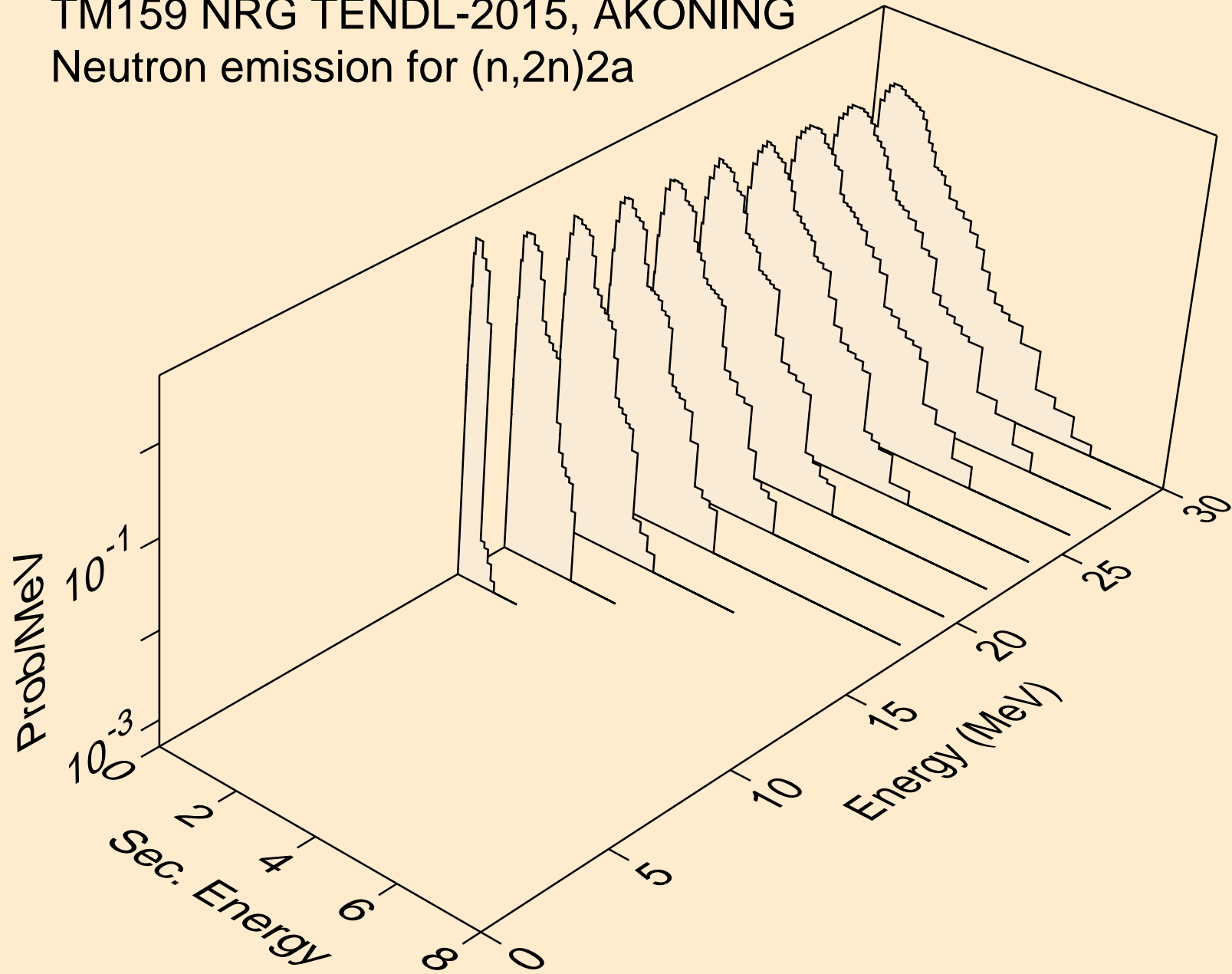
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



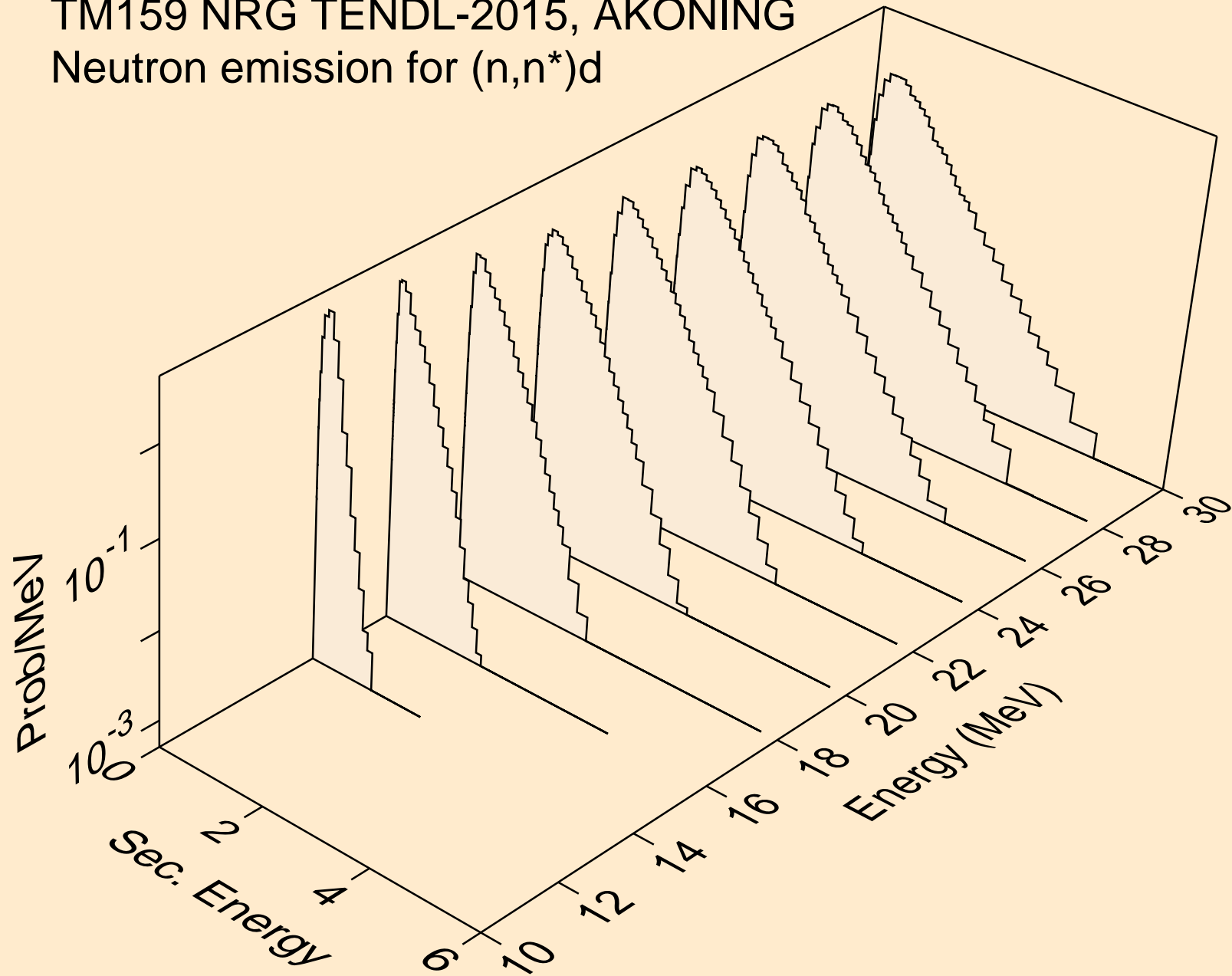
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



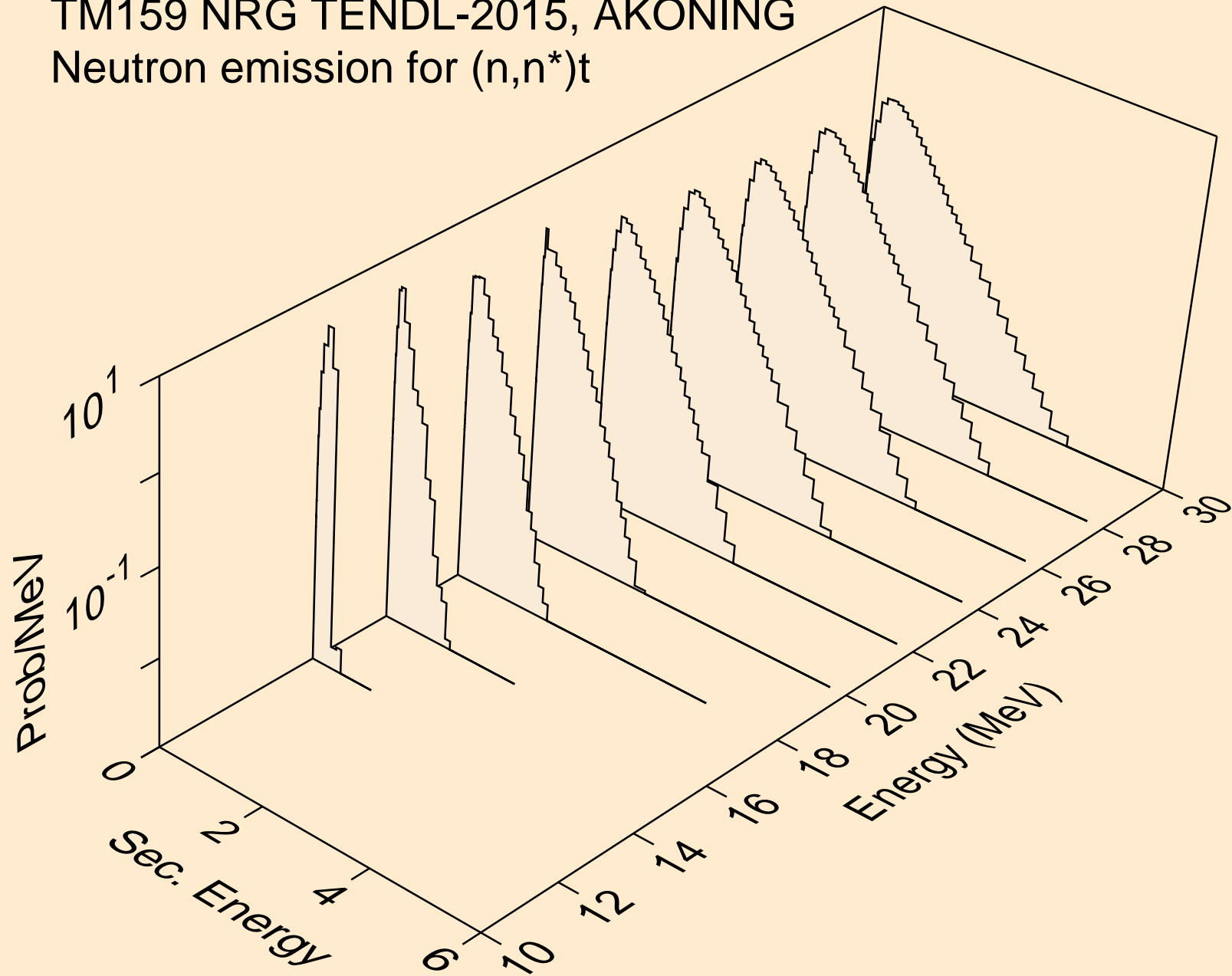
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>2a</sub>



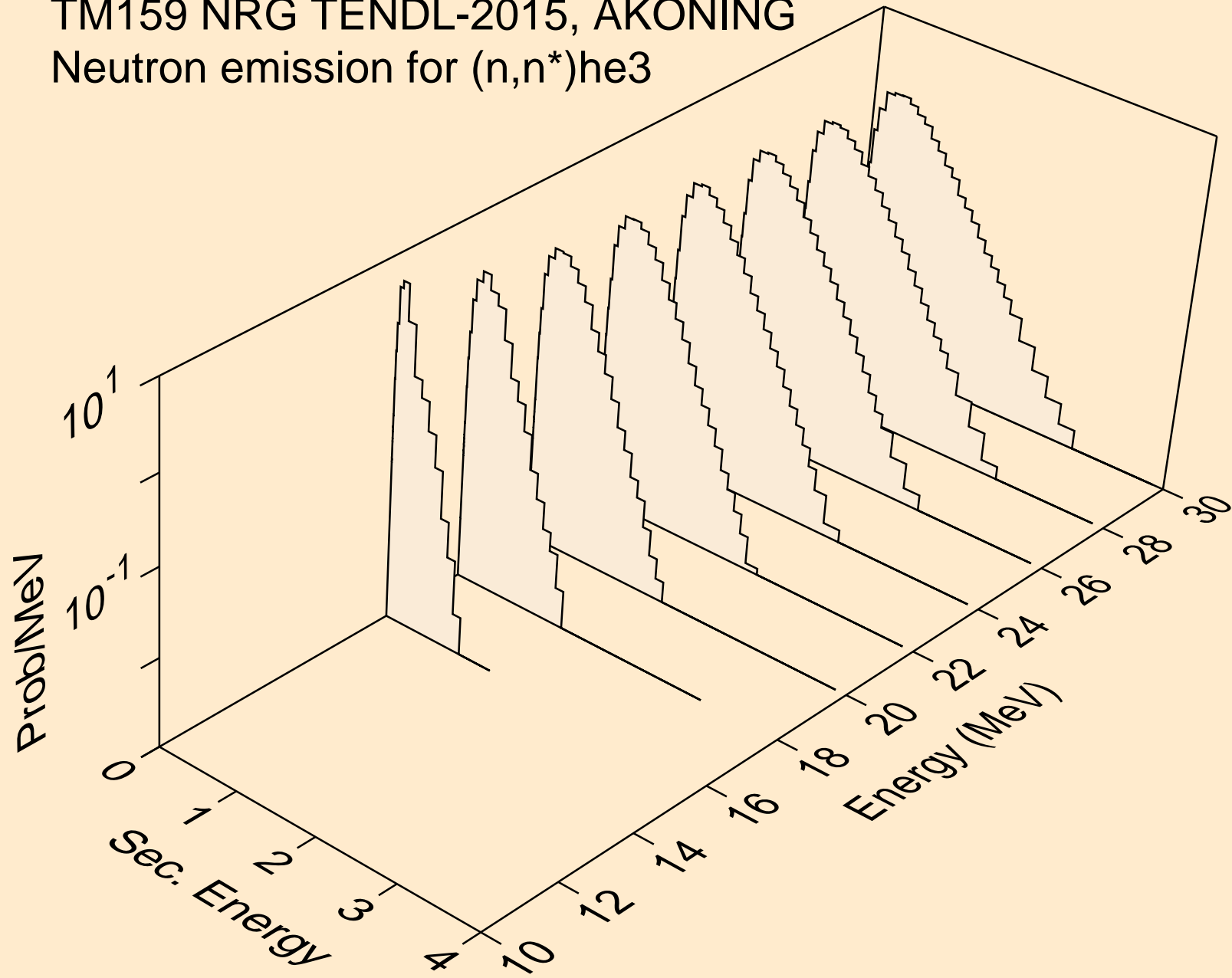
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

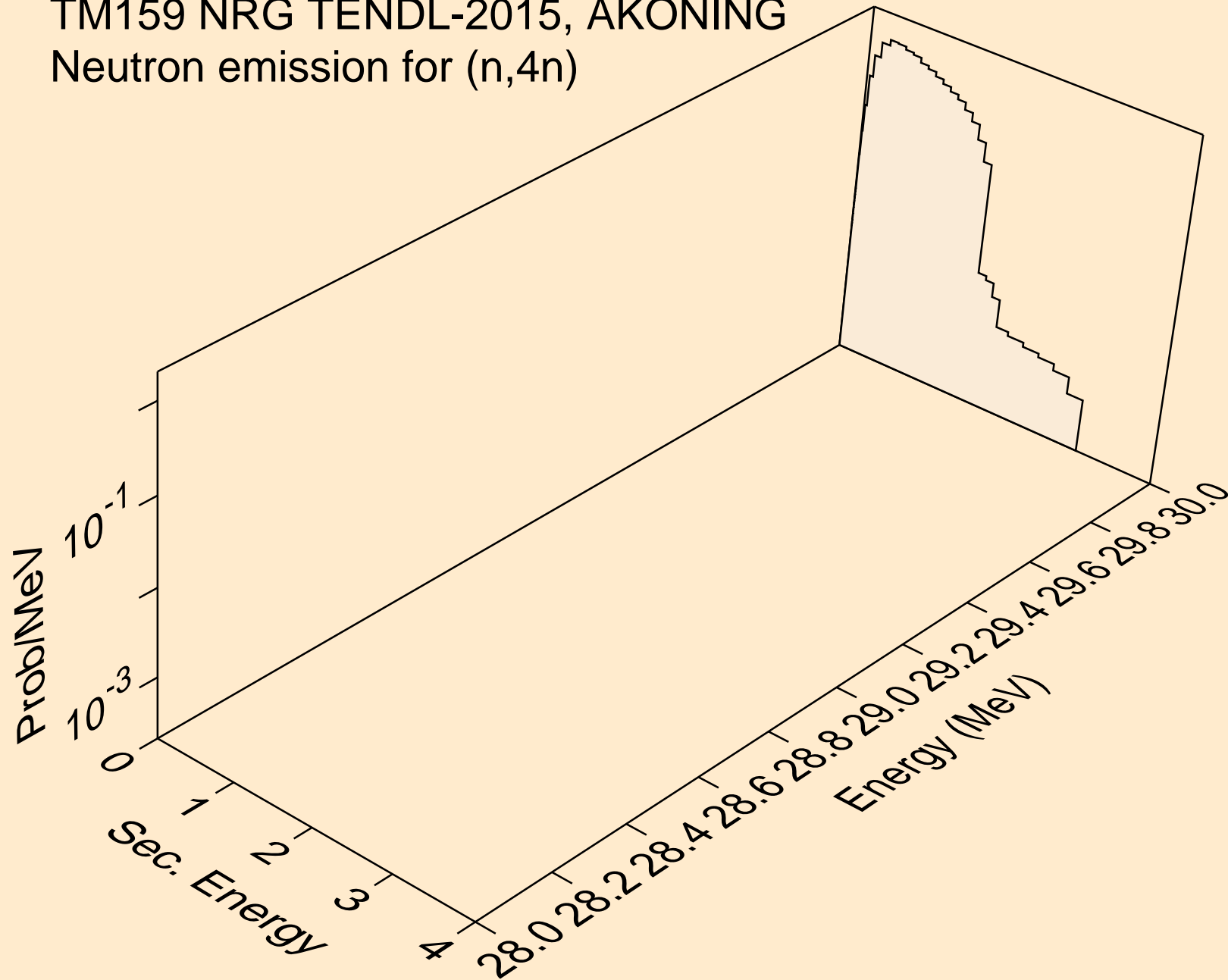


TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

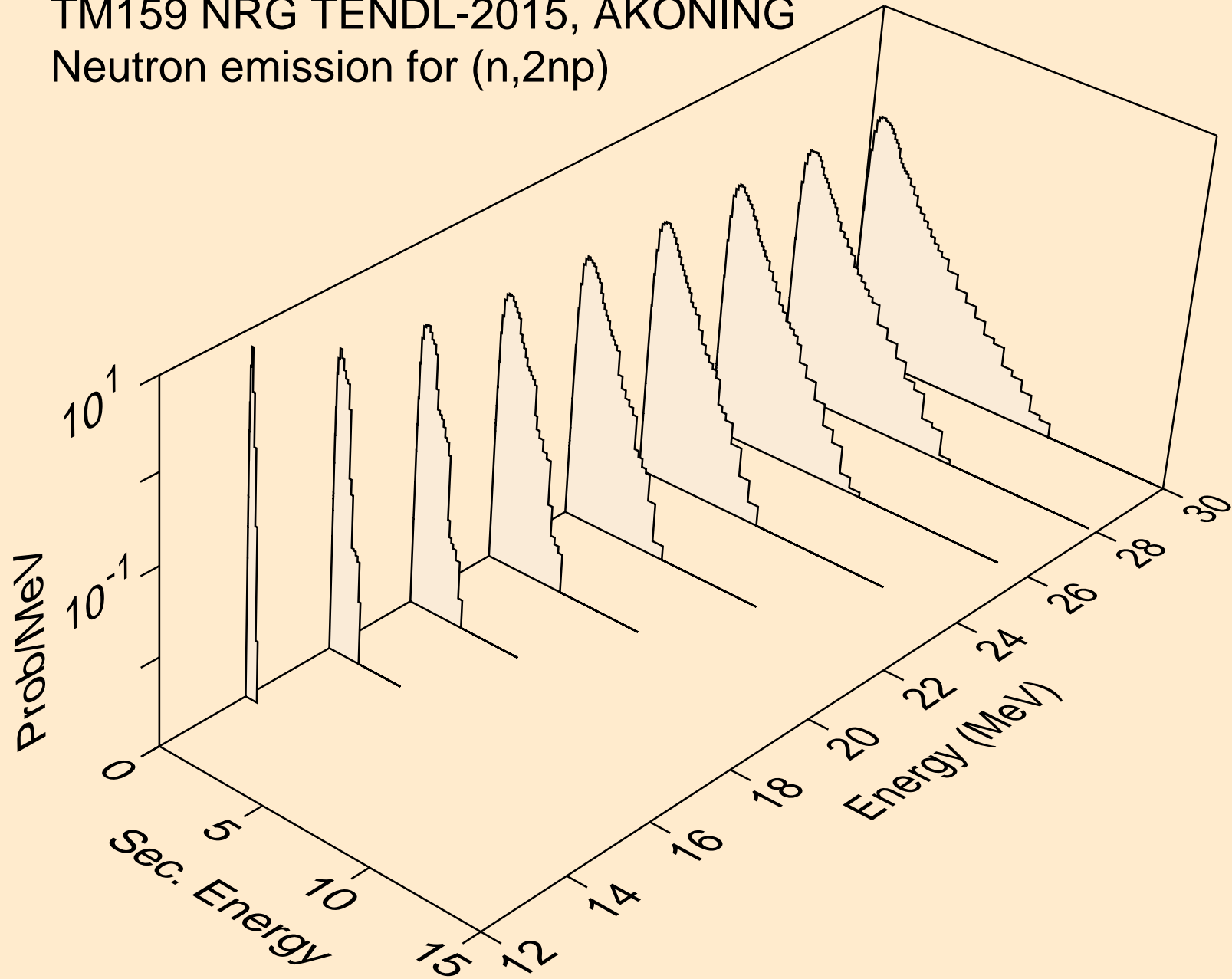




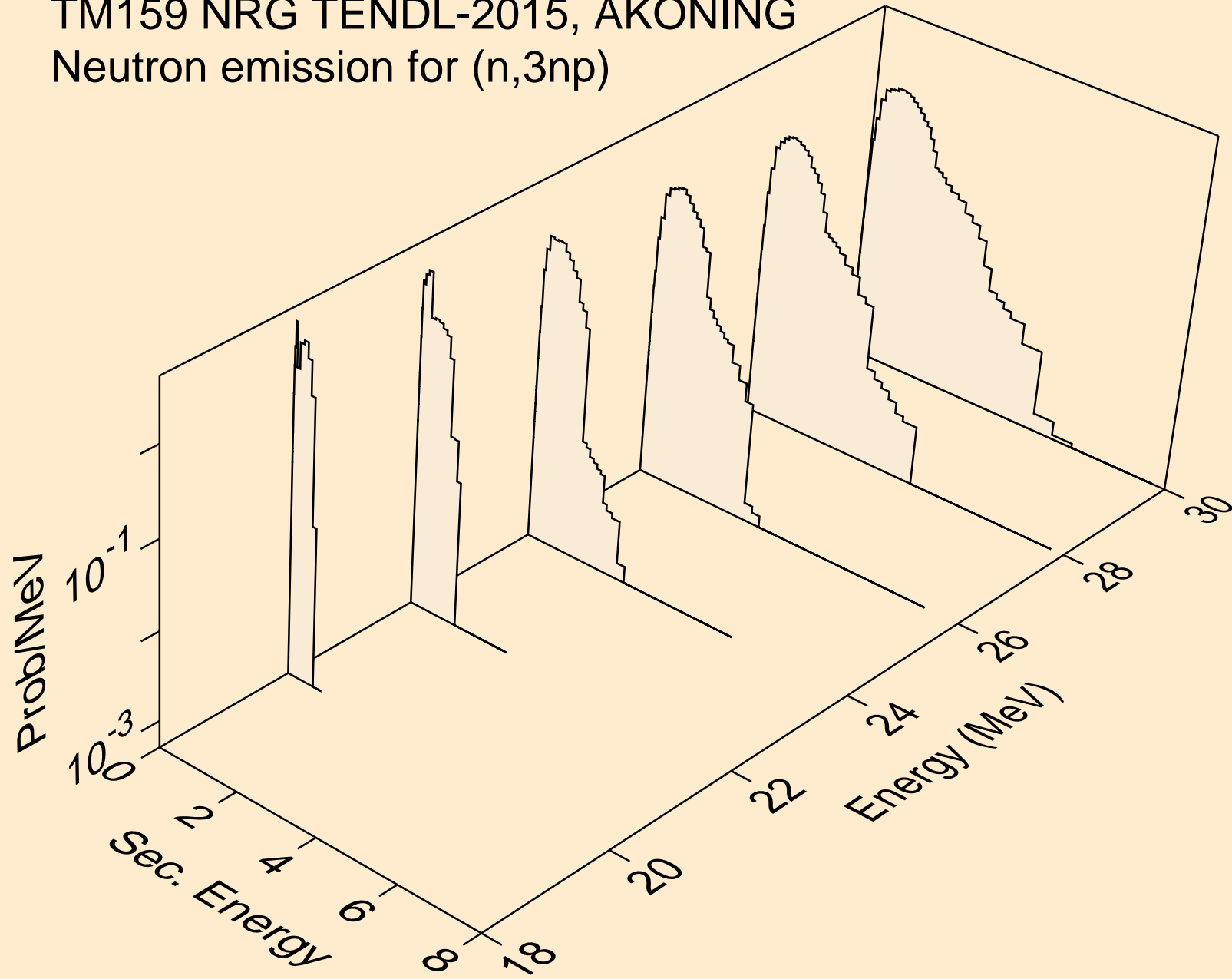
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



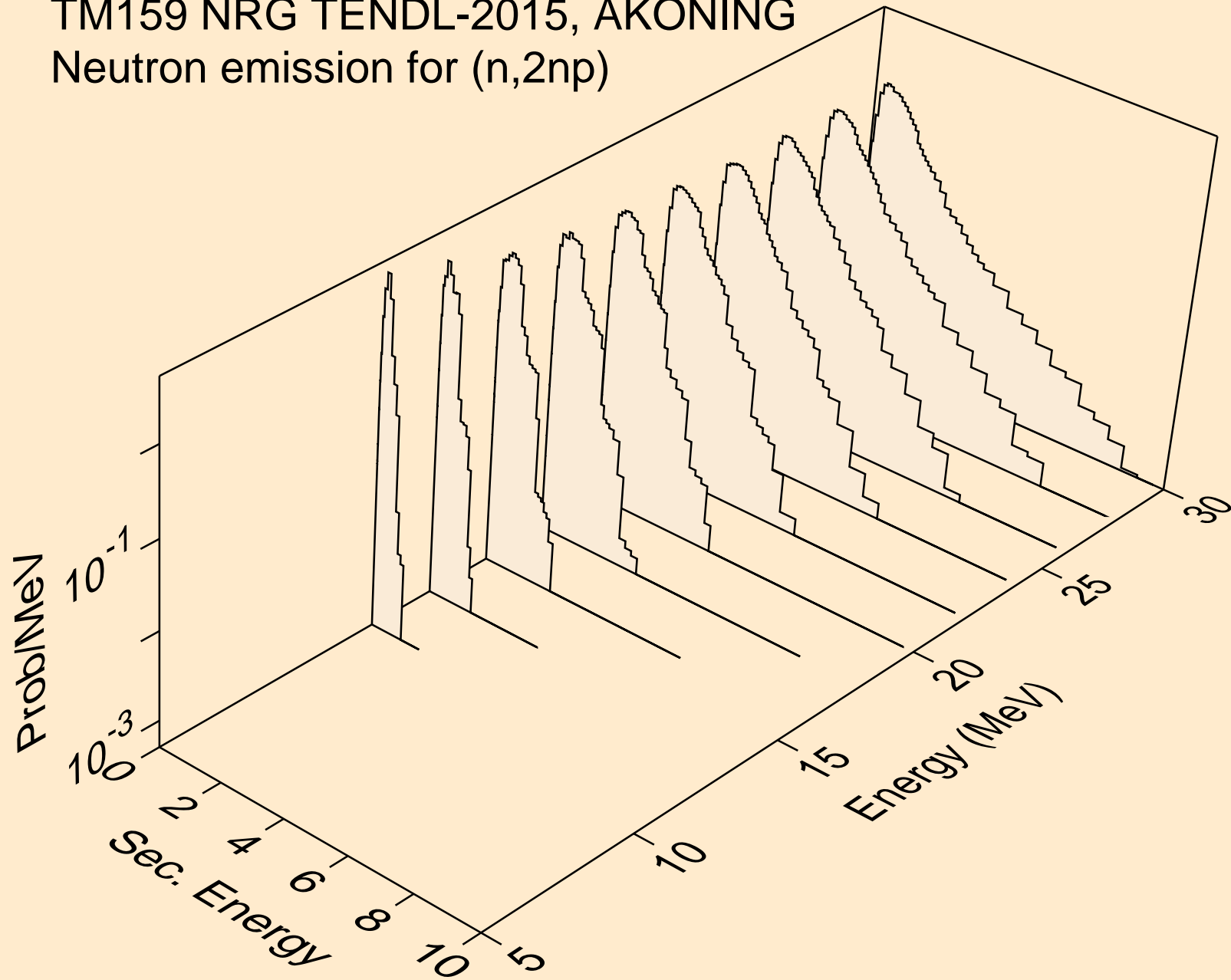
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



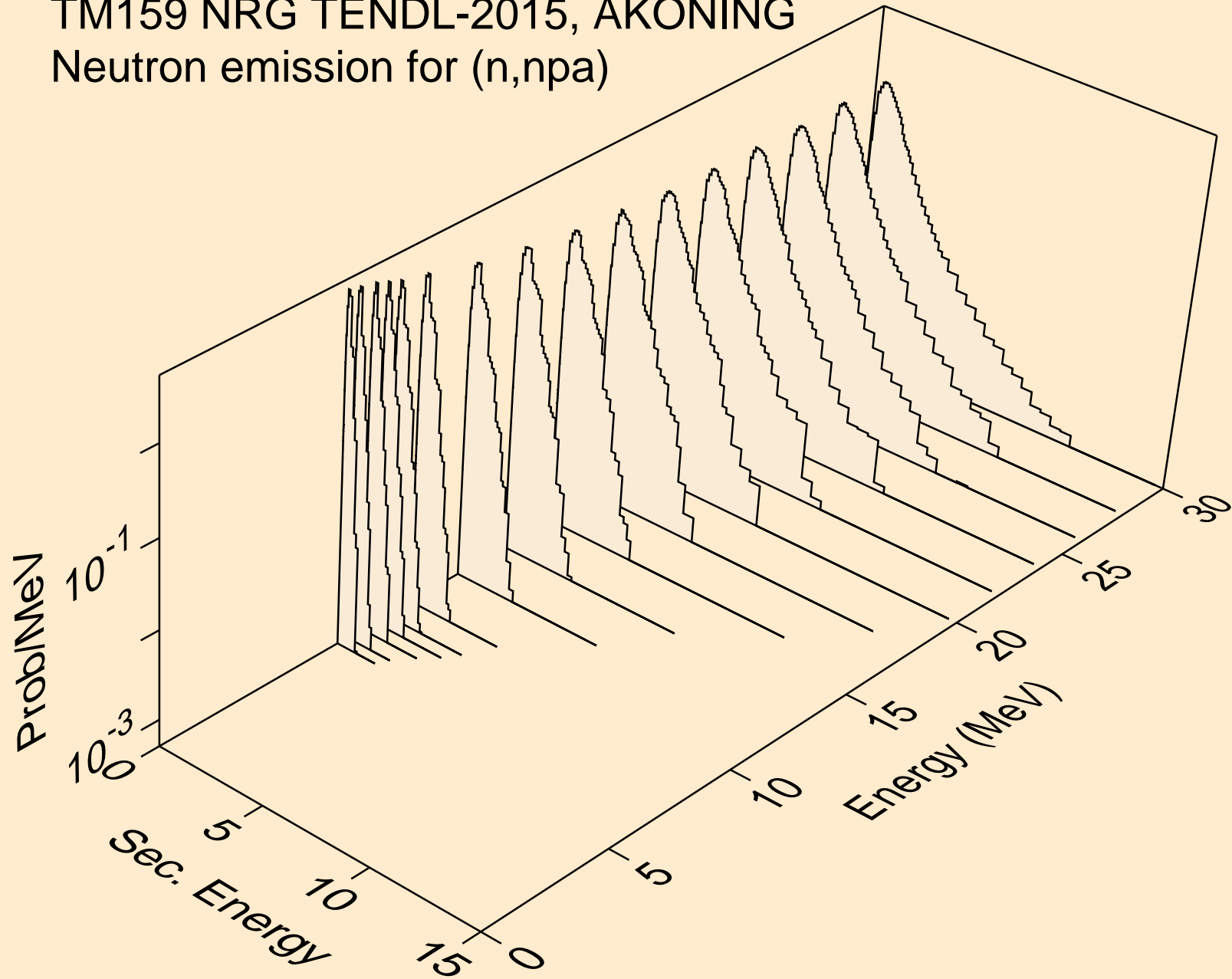
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



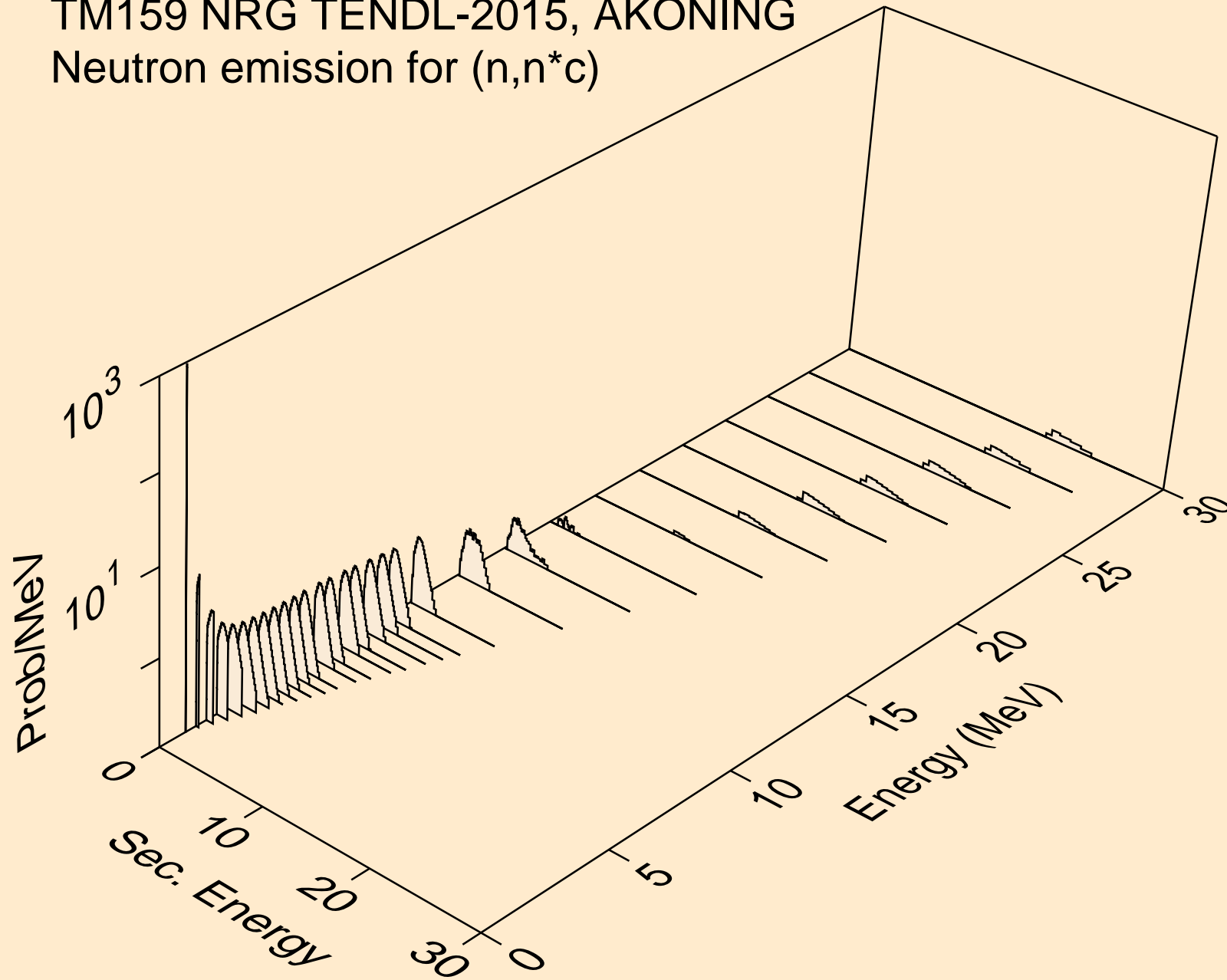
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



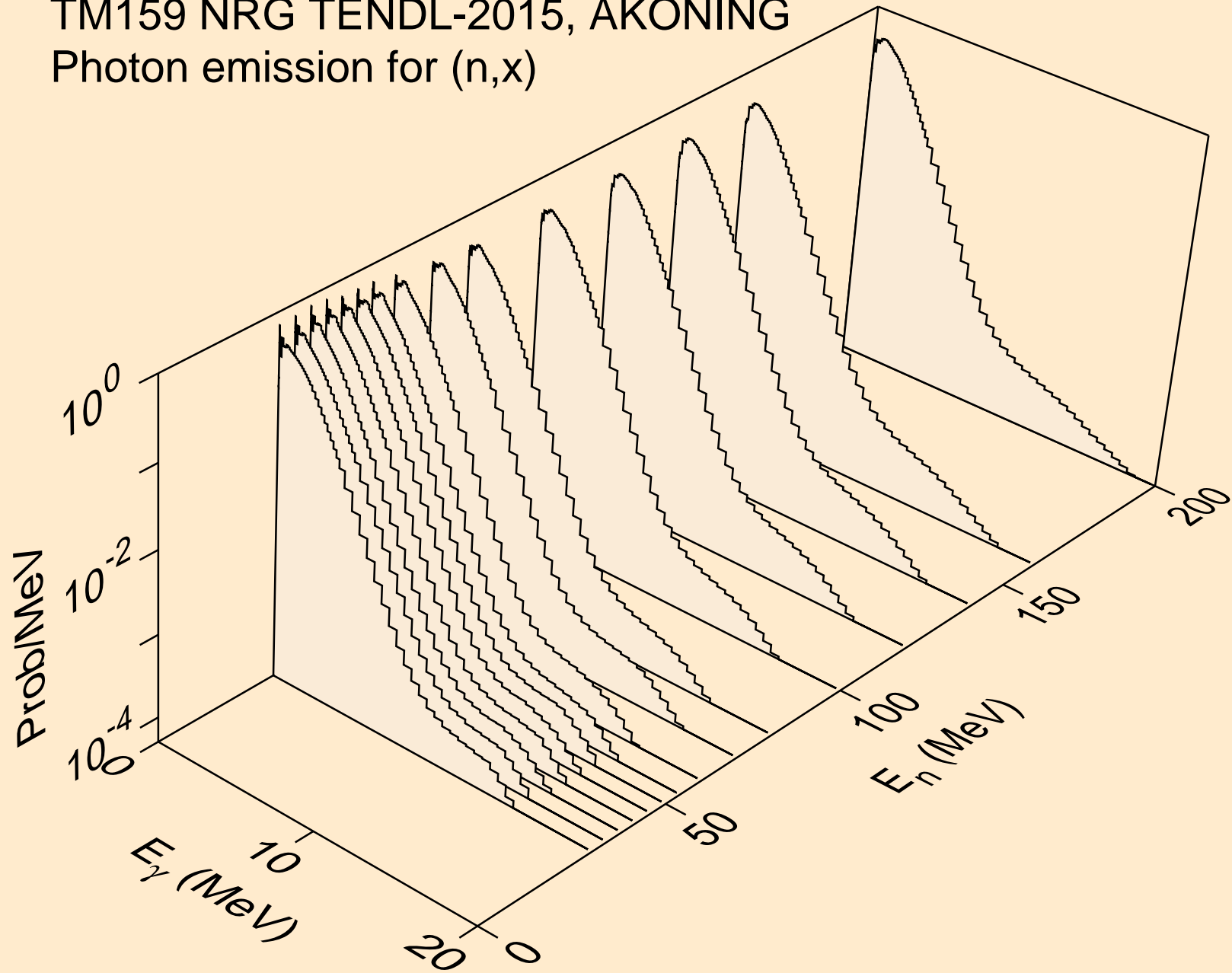
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



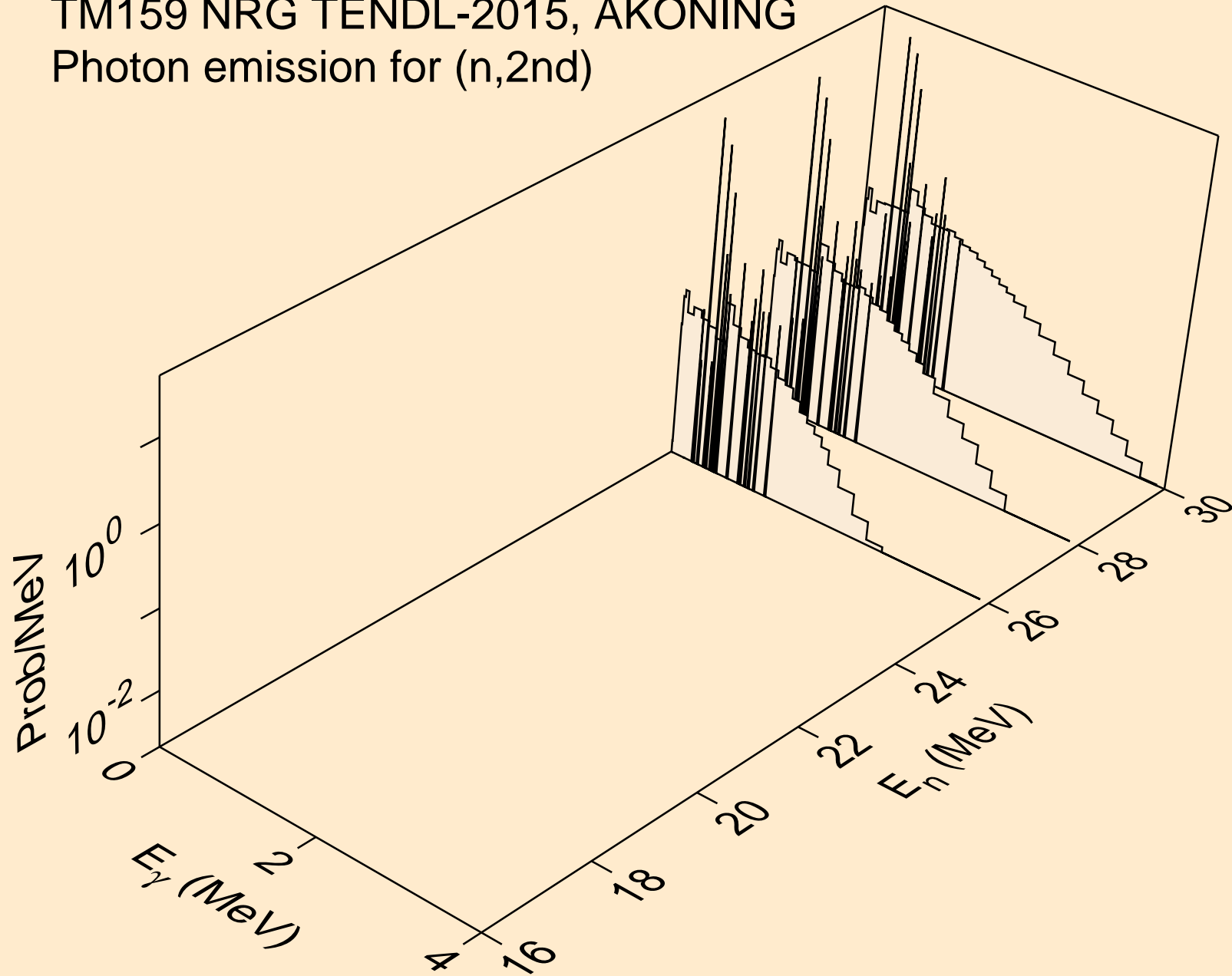
TM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

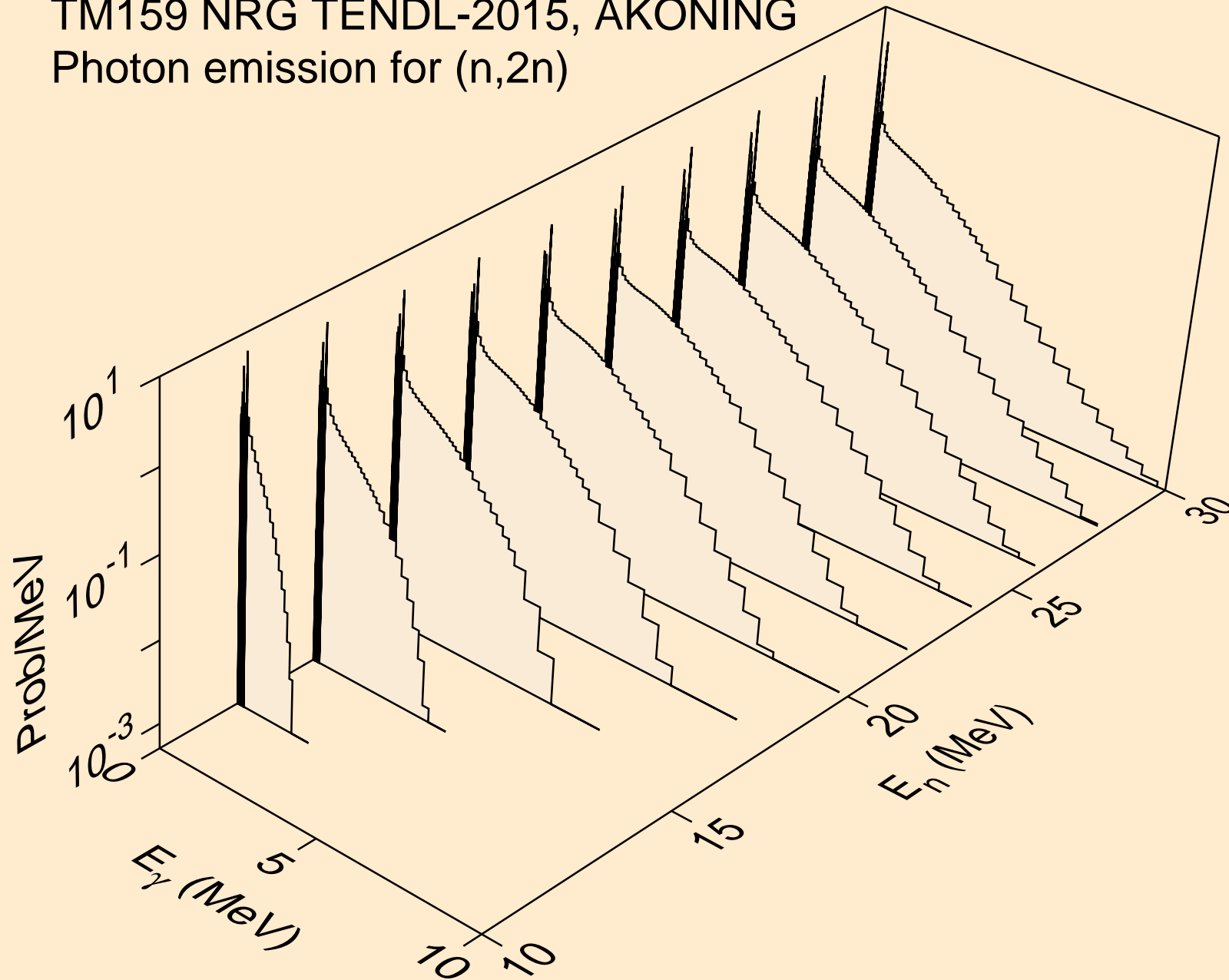


TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

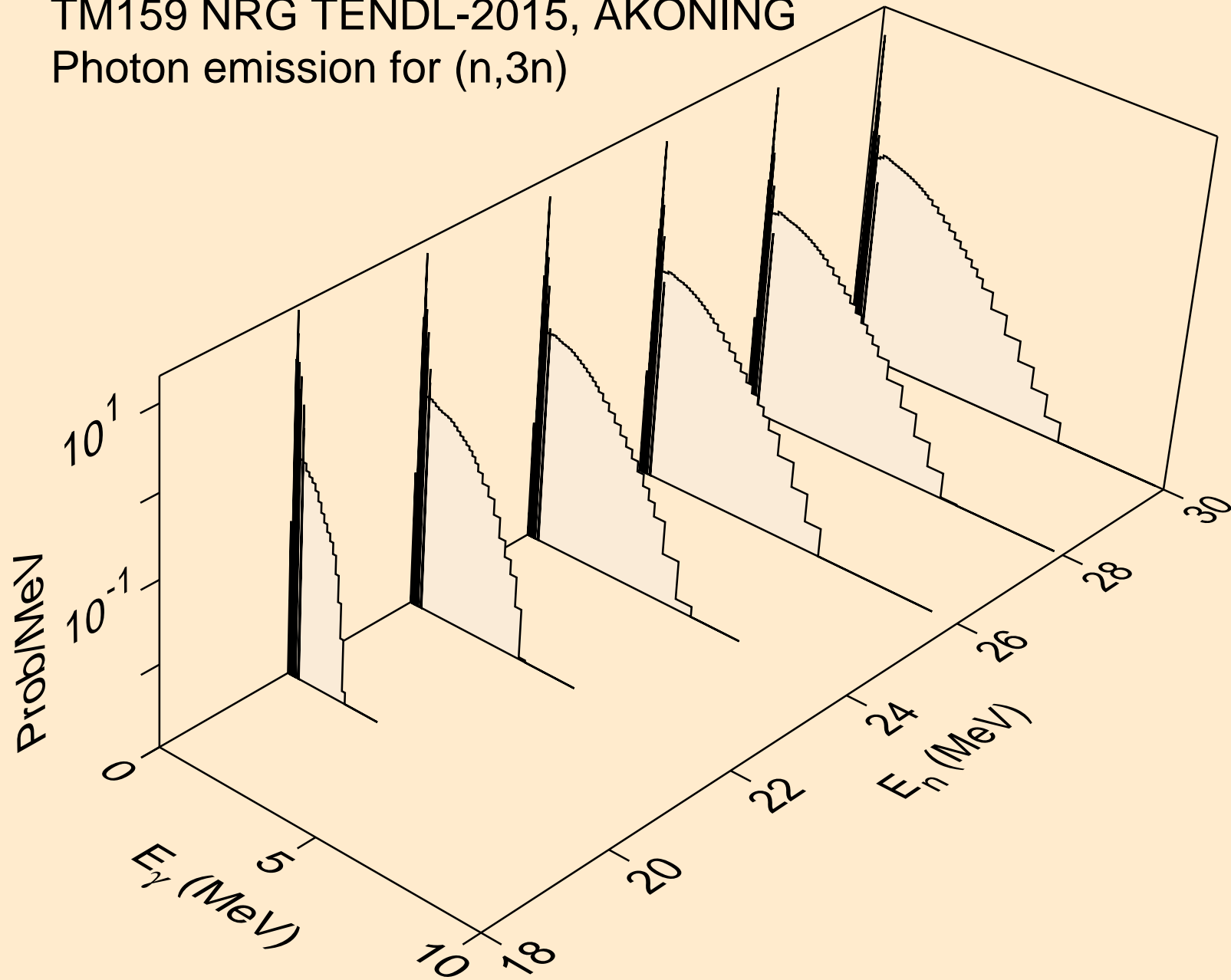




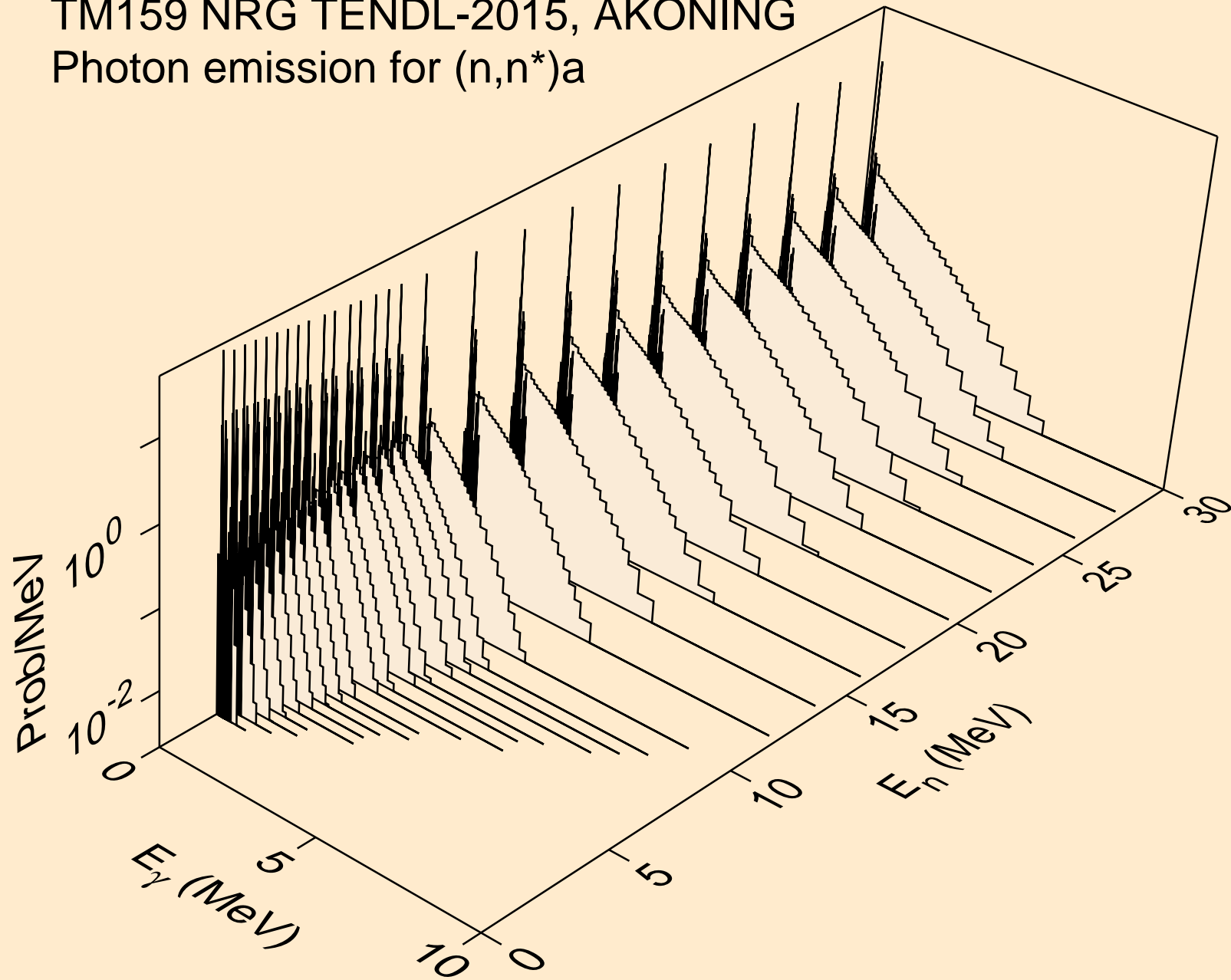
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



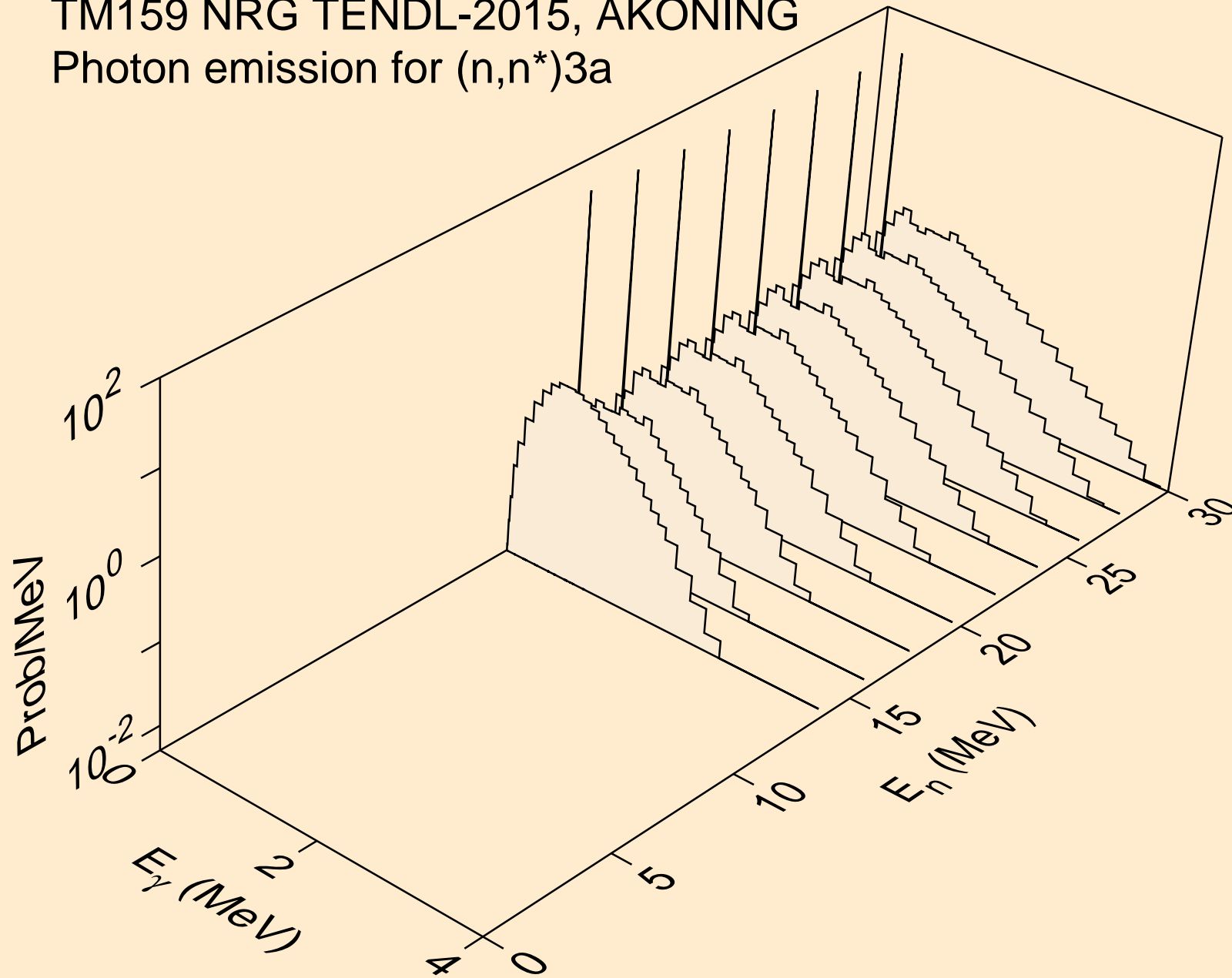
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



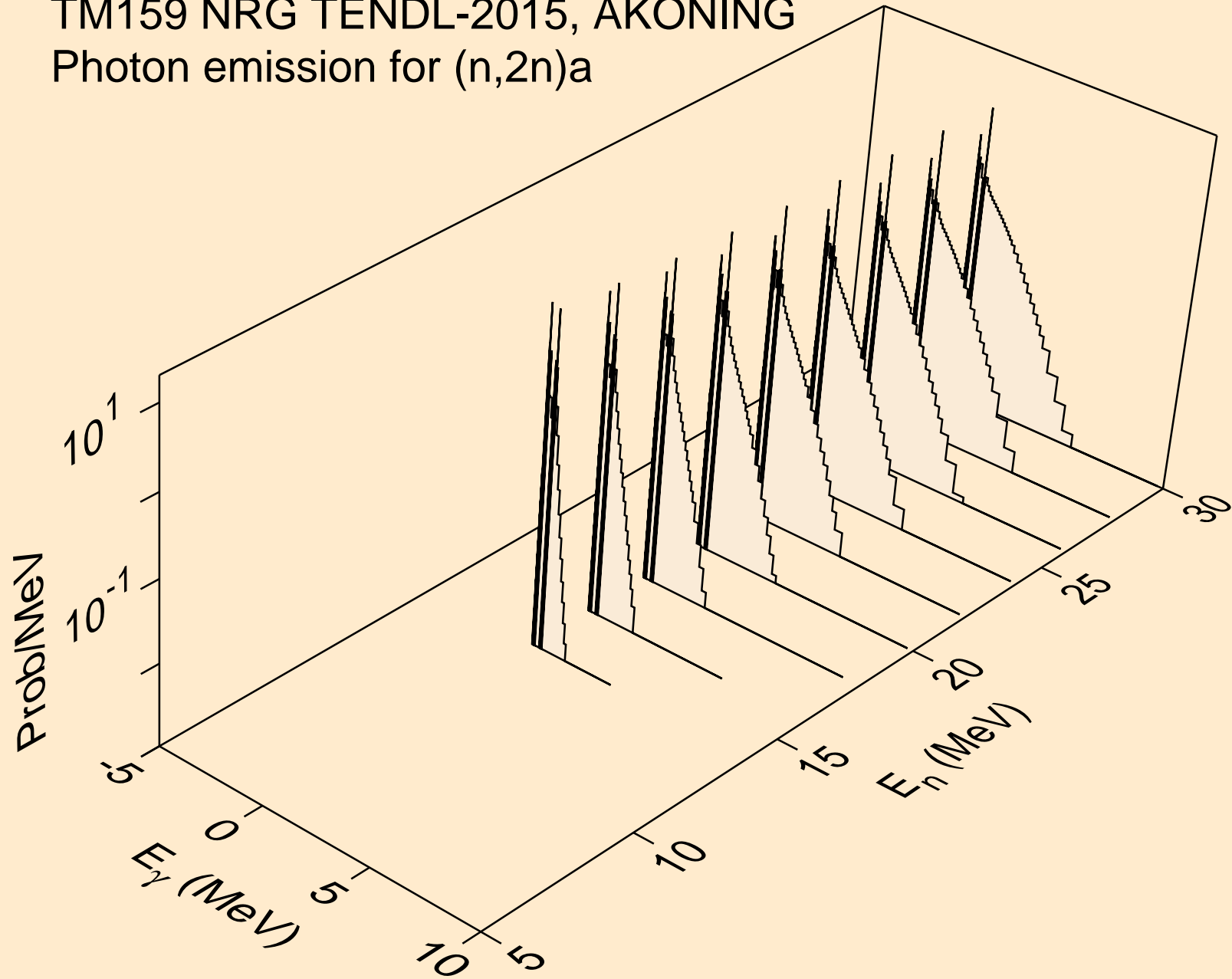
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



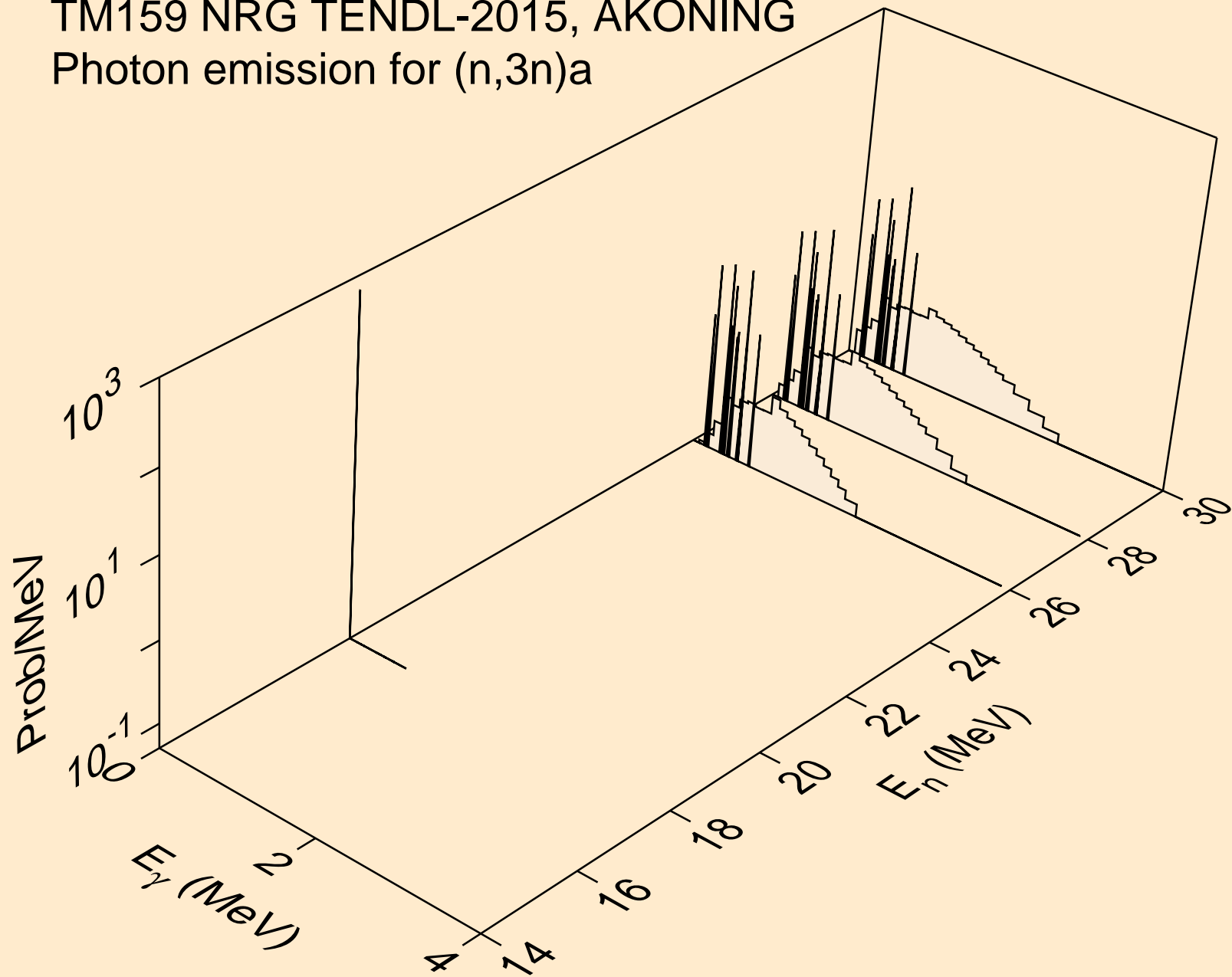
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



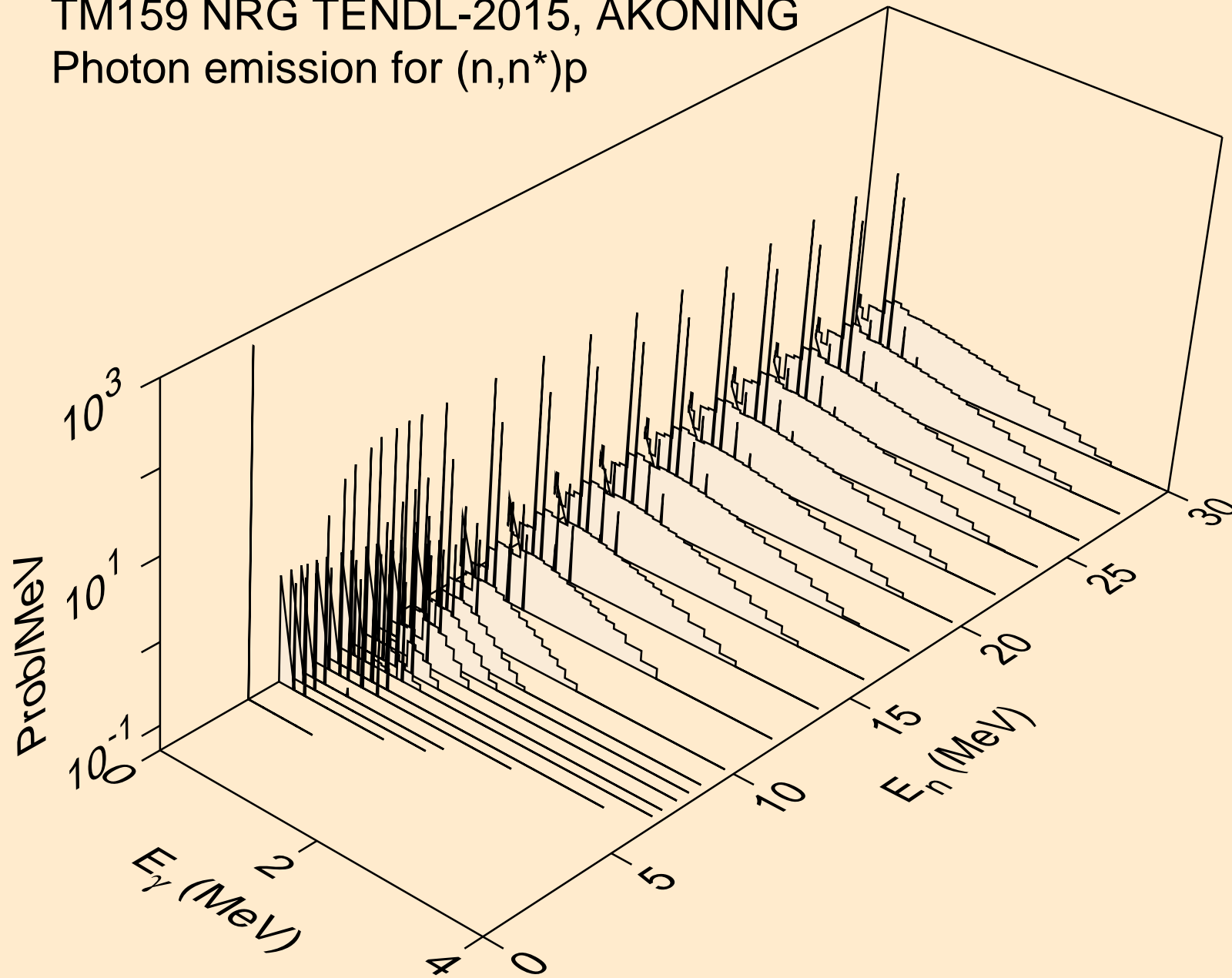
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



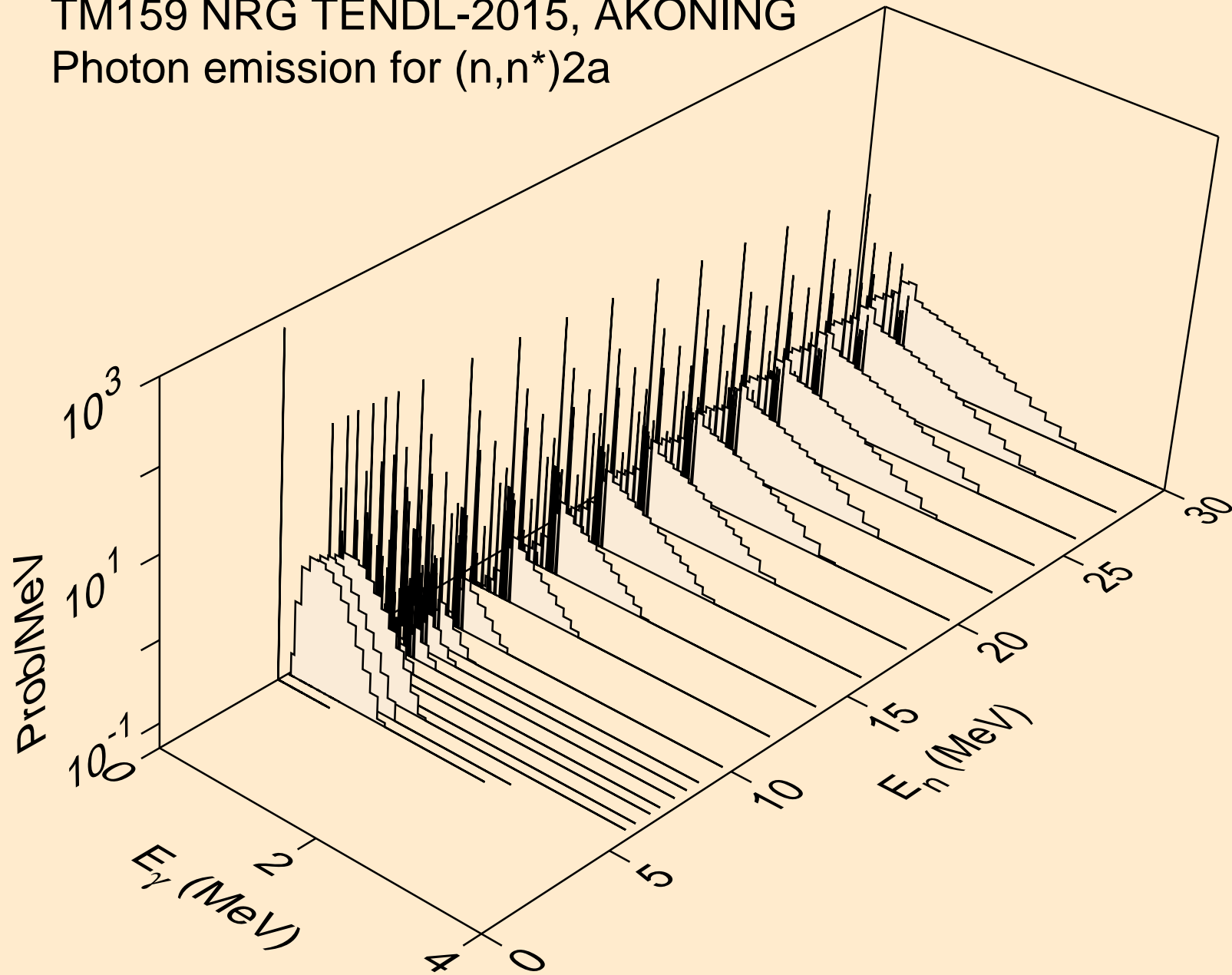
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

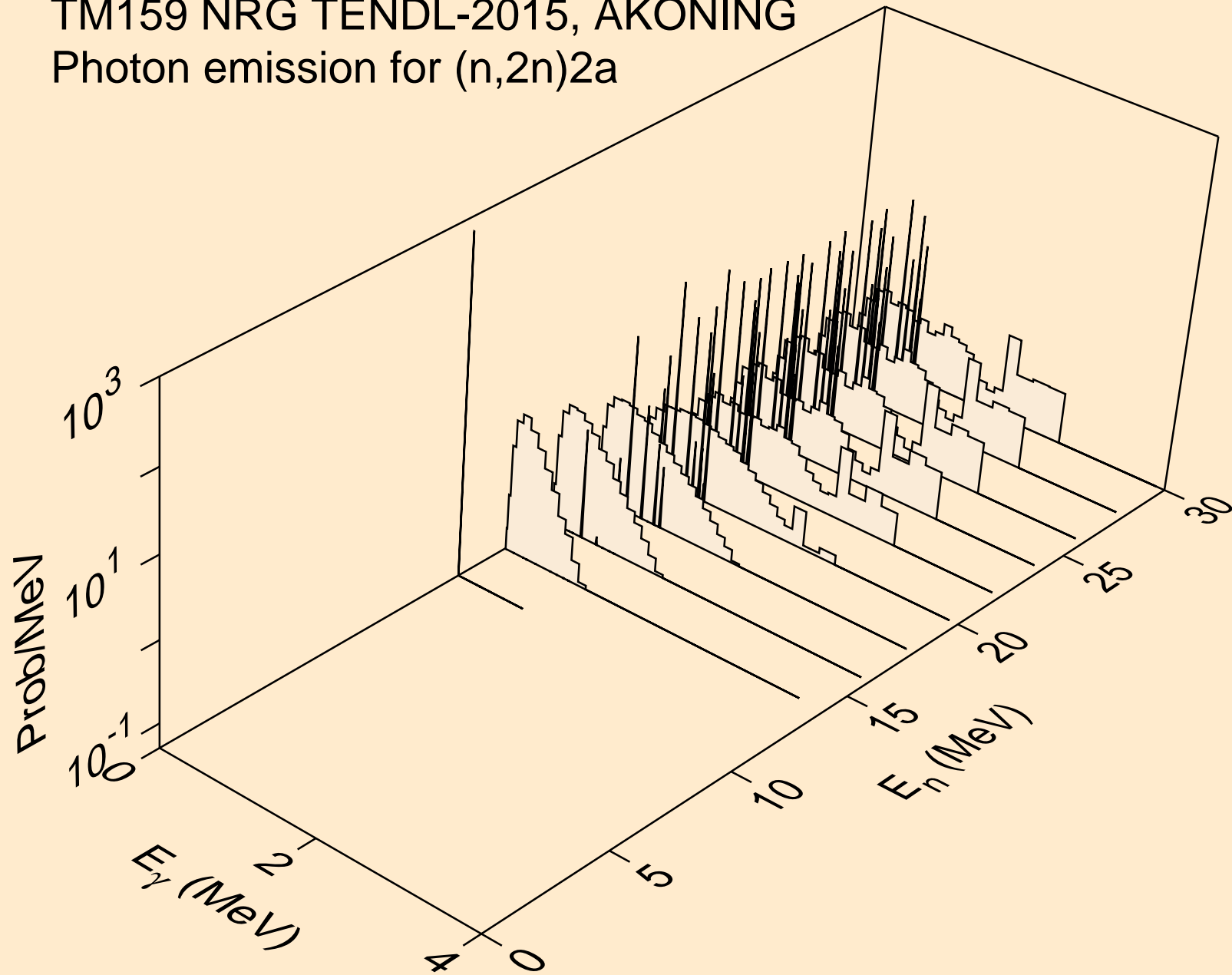


TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

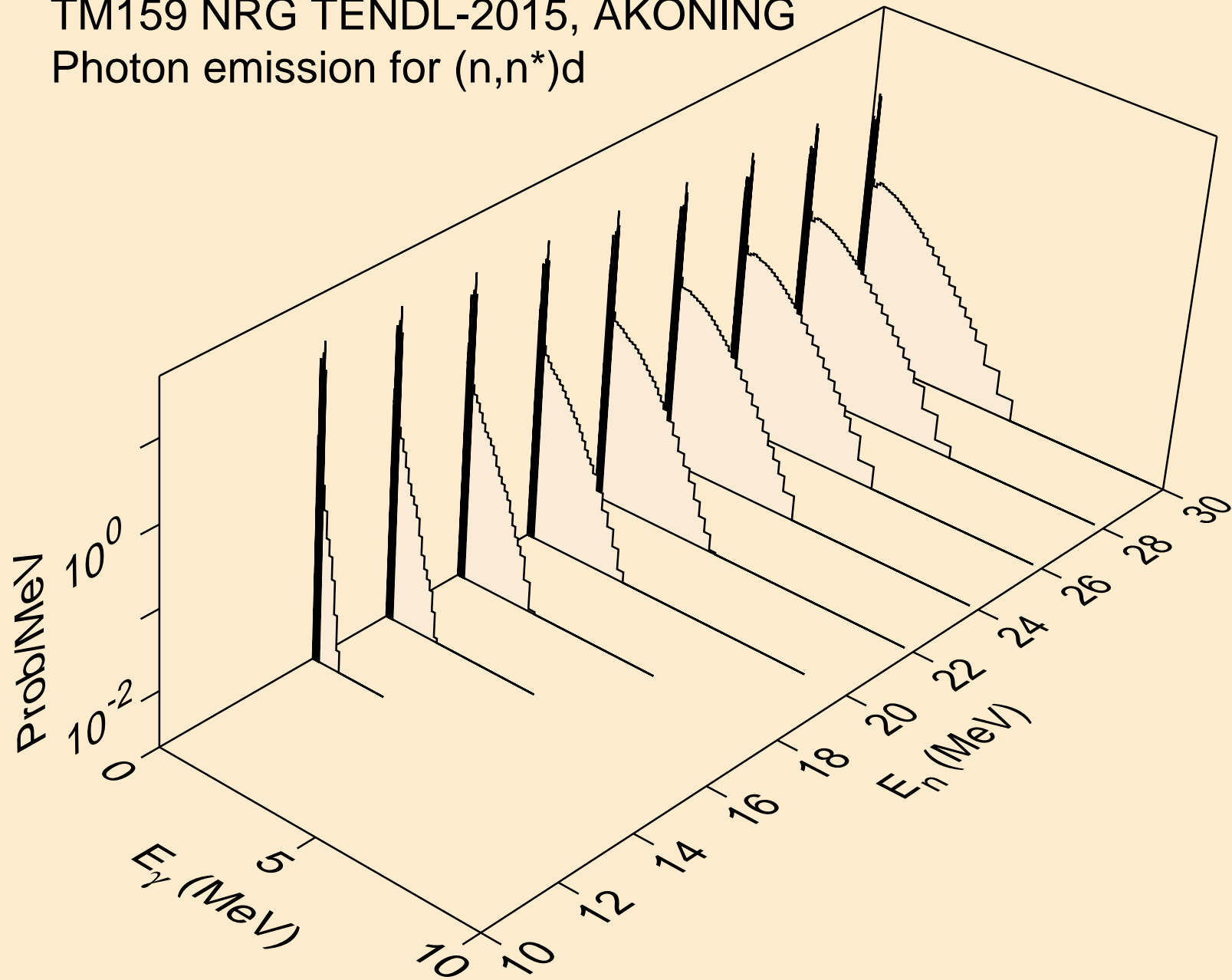




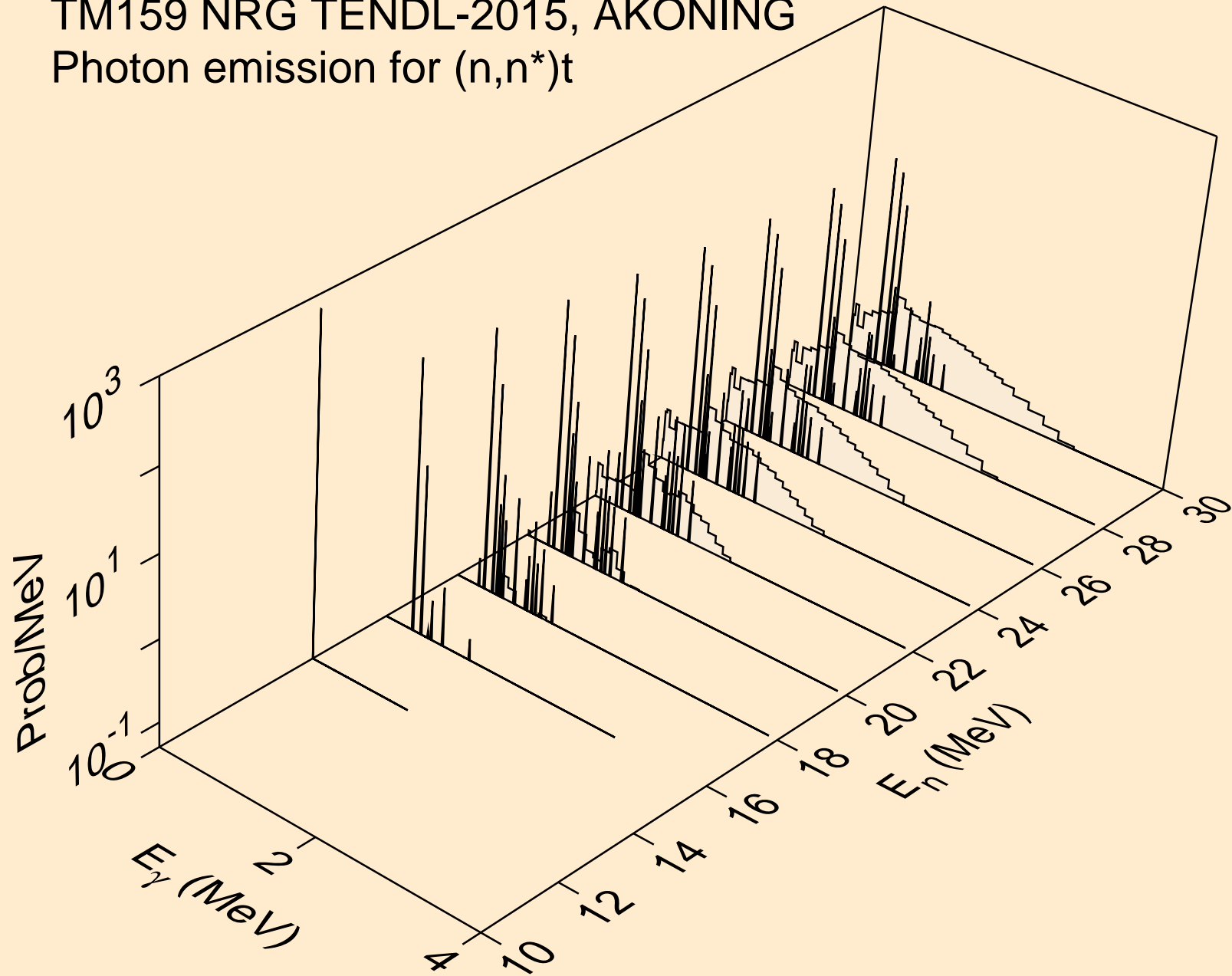
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



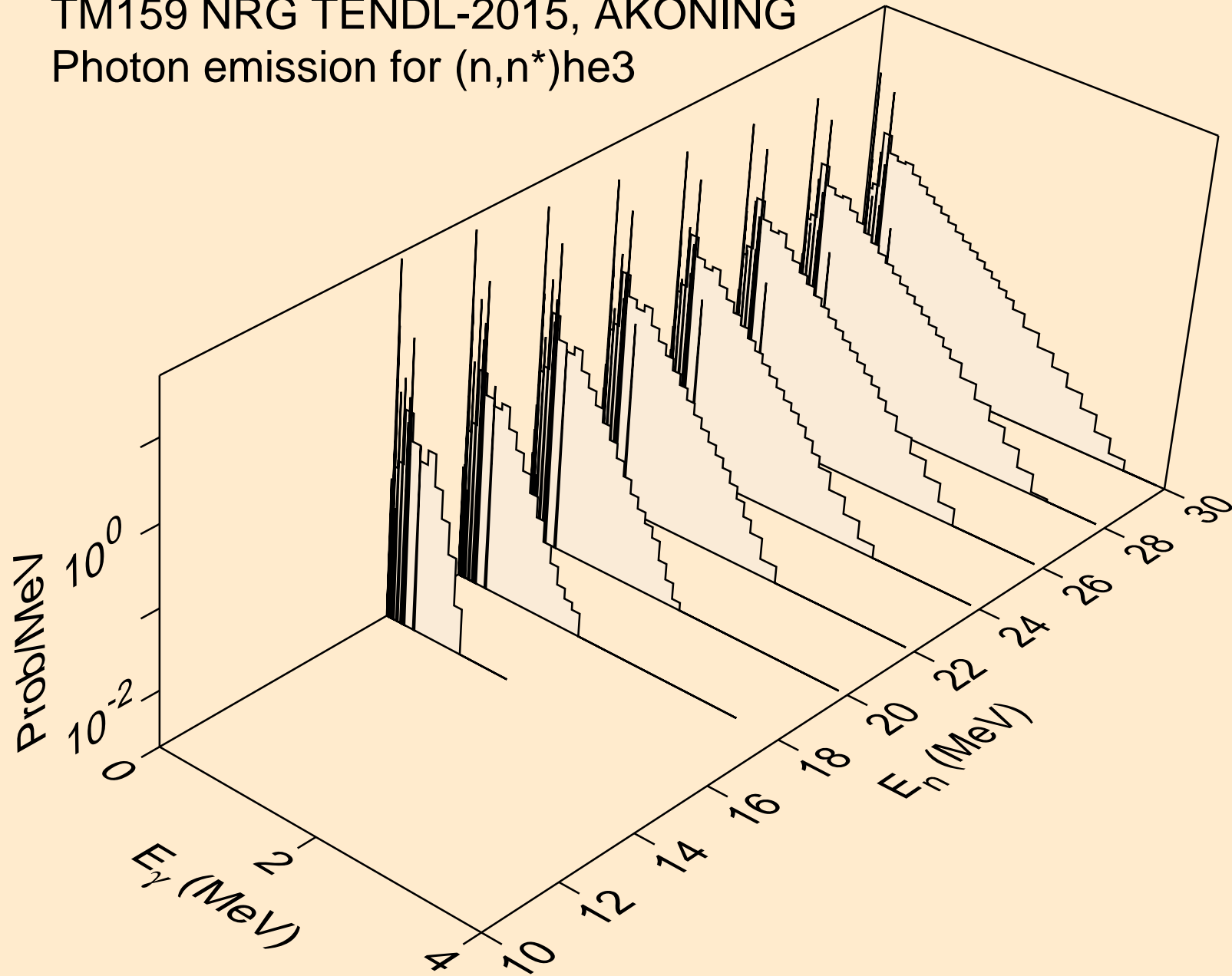
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



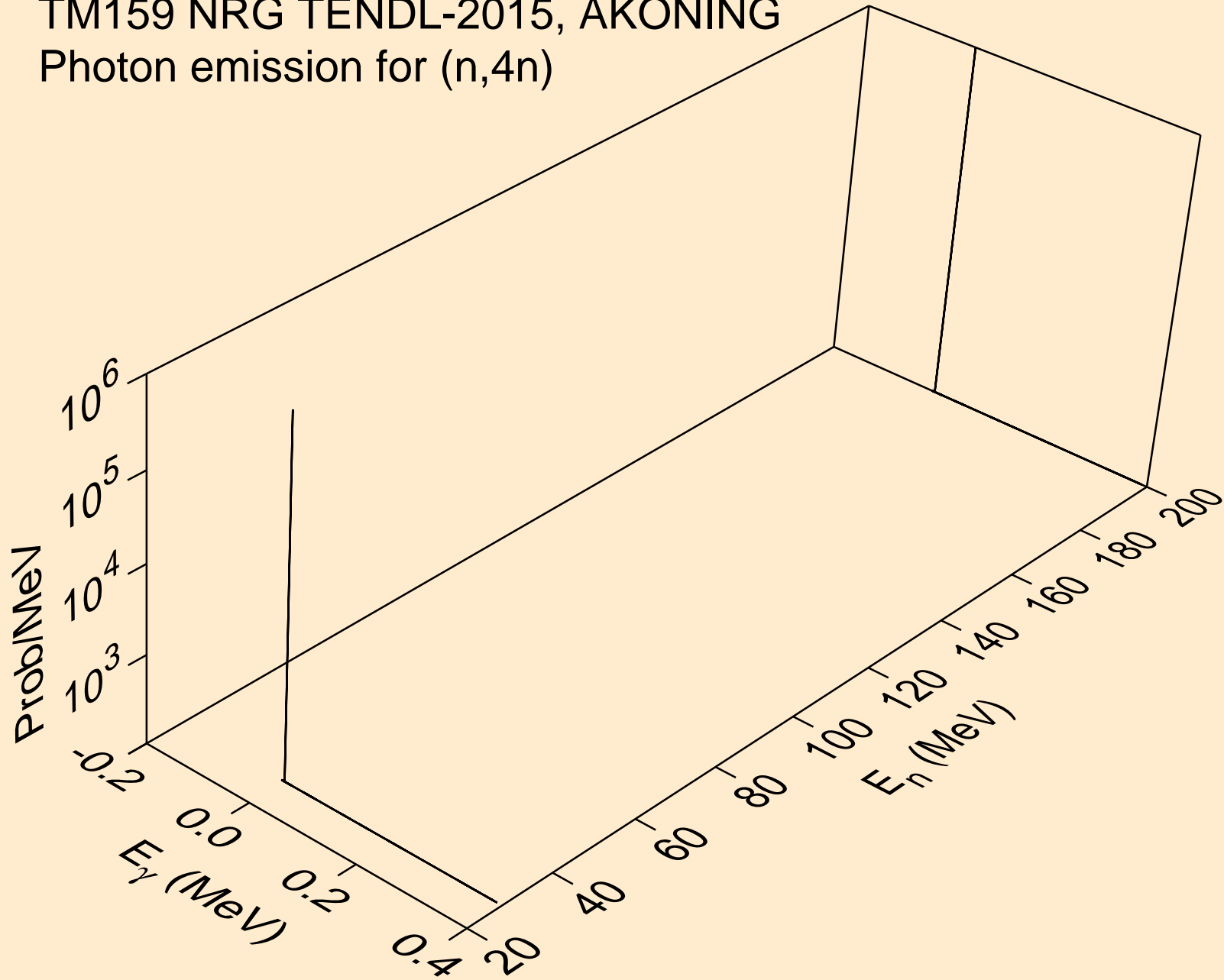
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



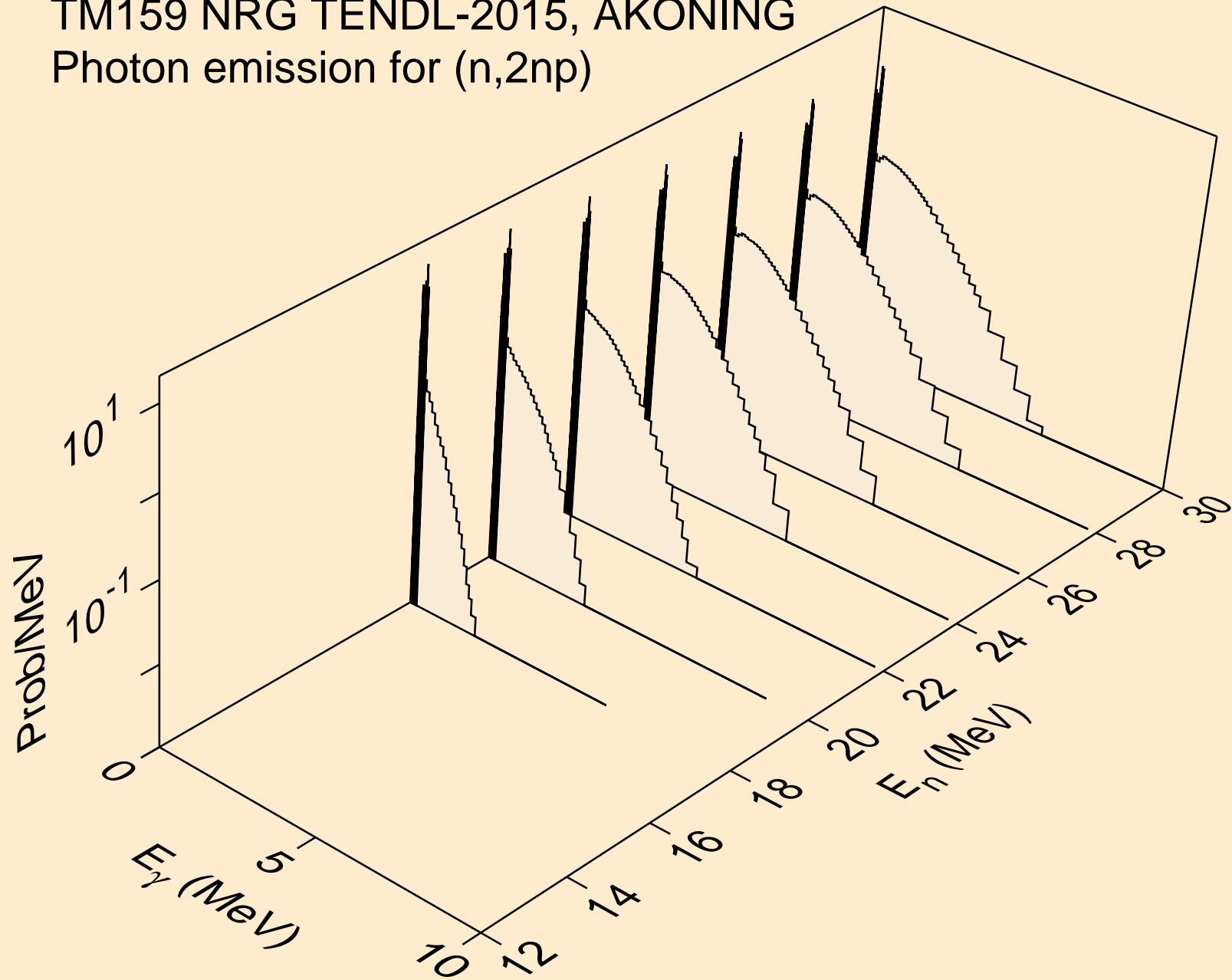
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



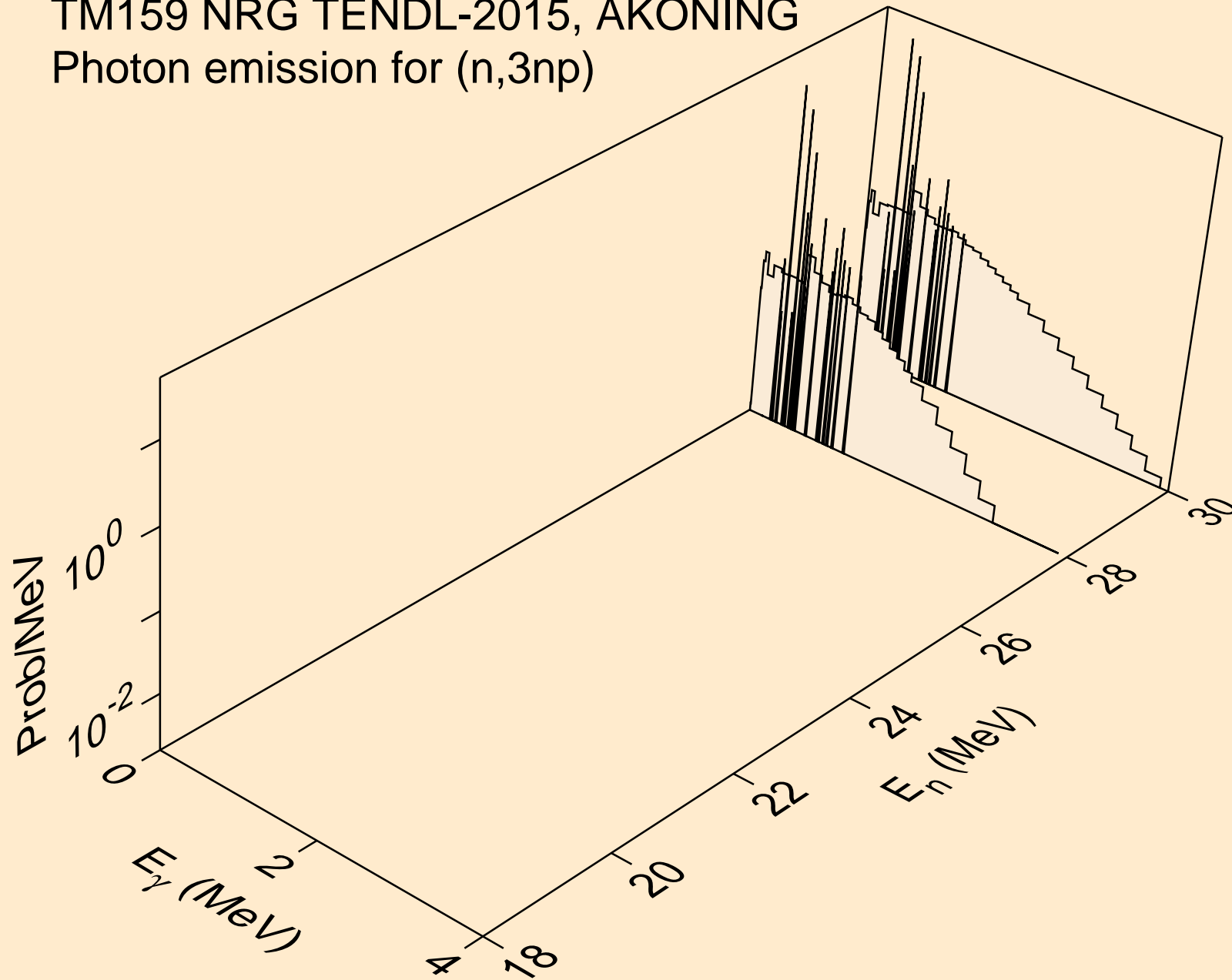
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



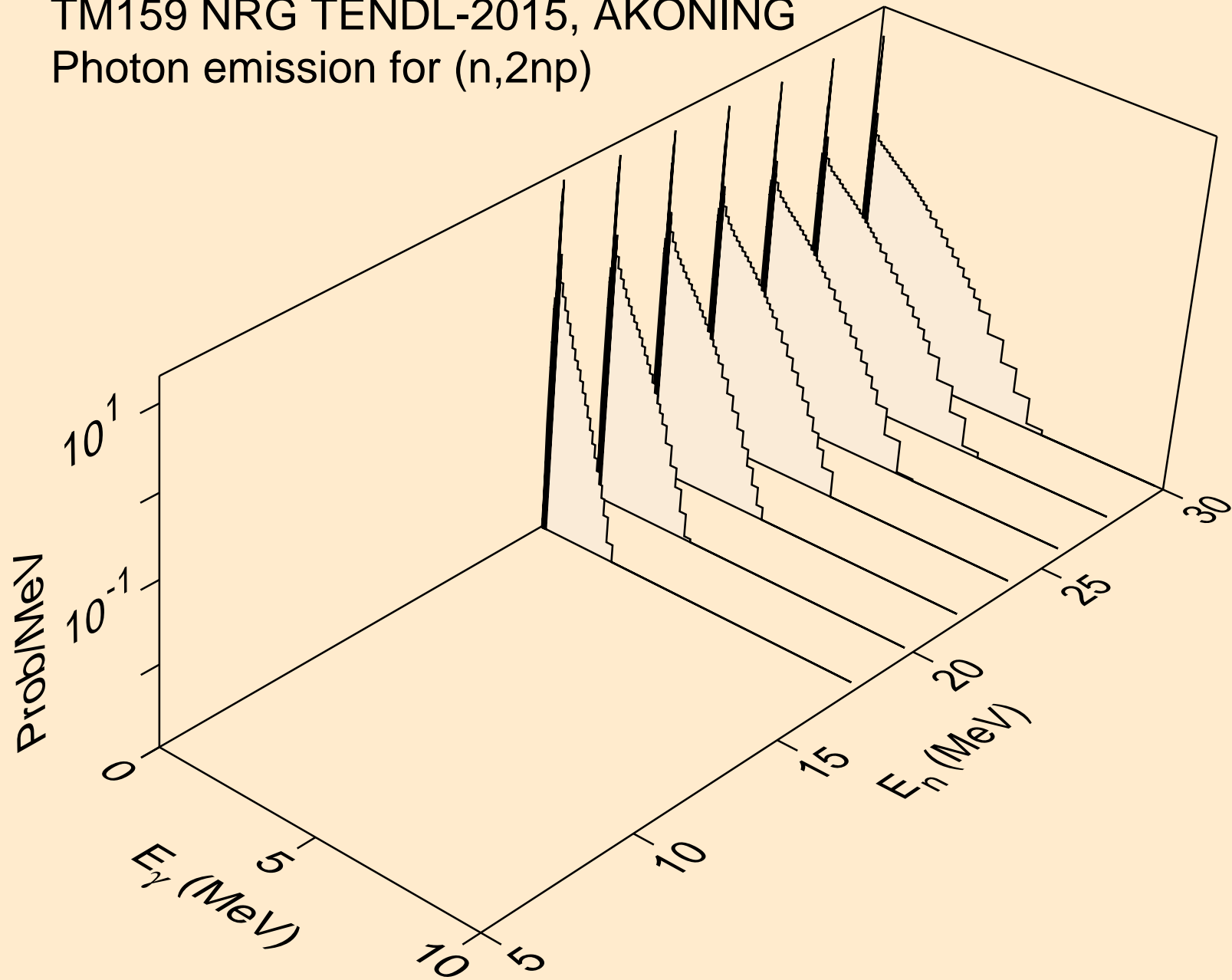
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

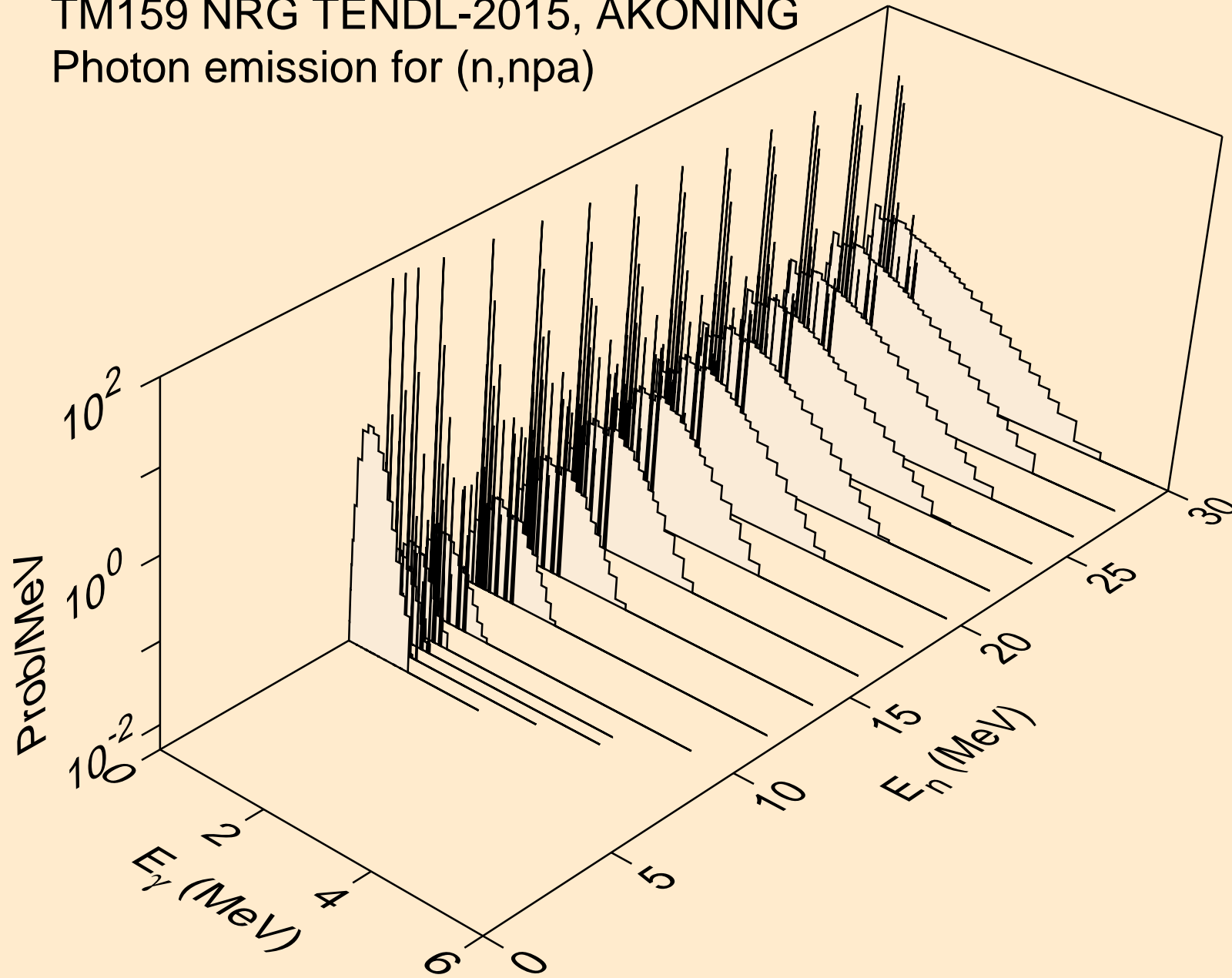


TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

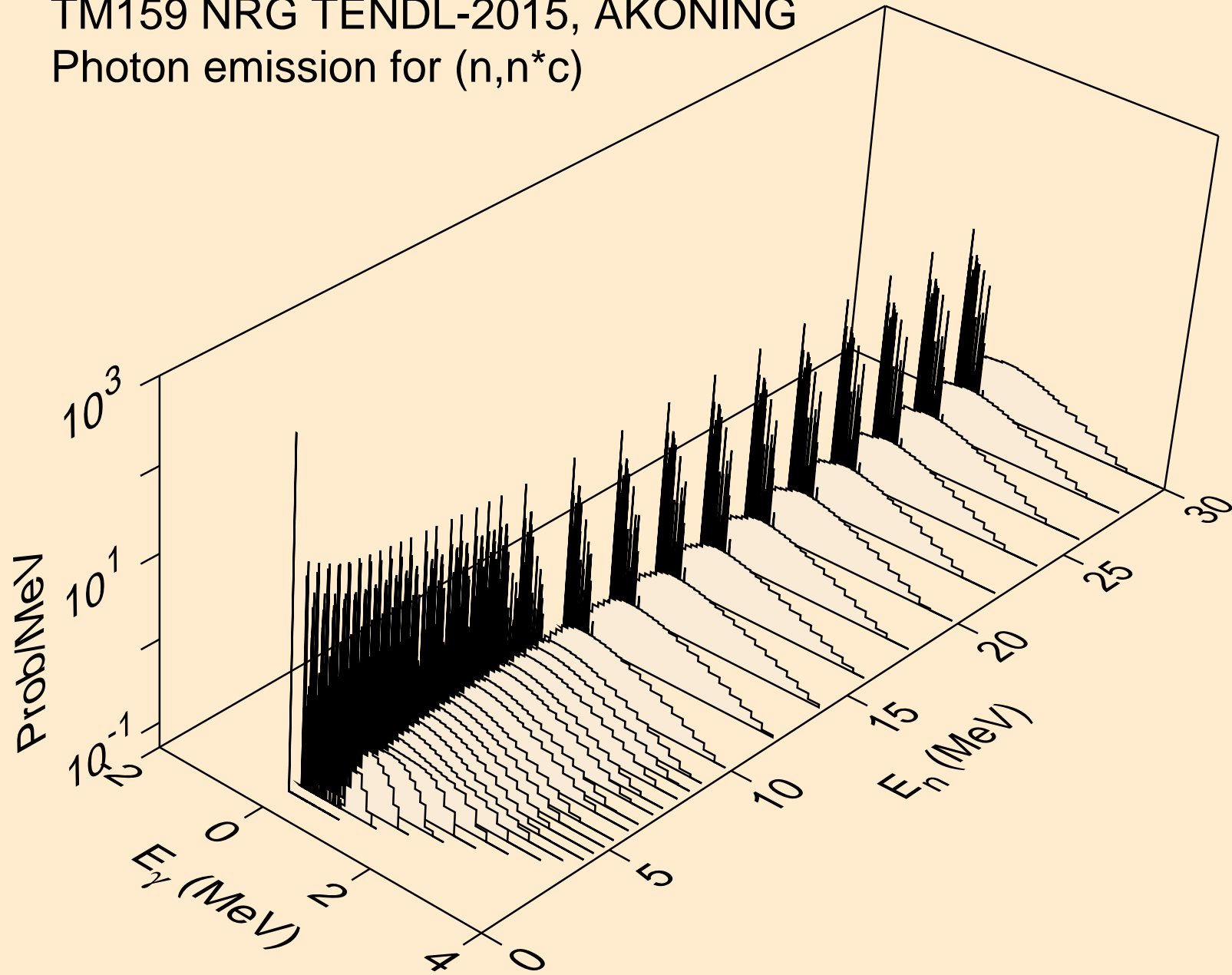




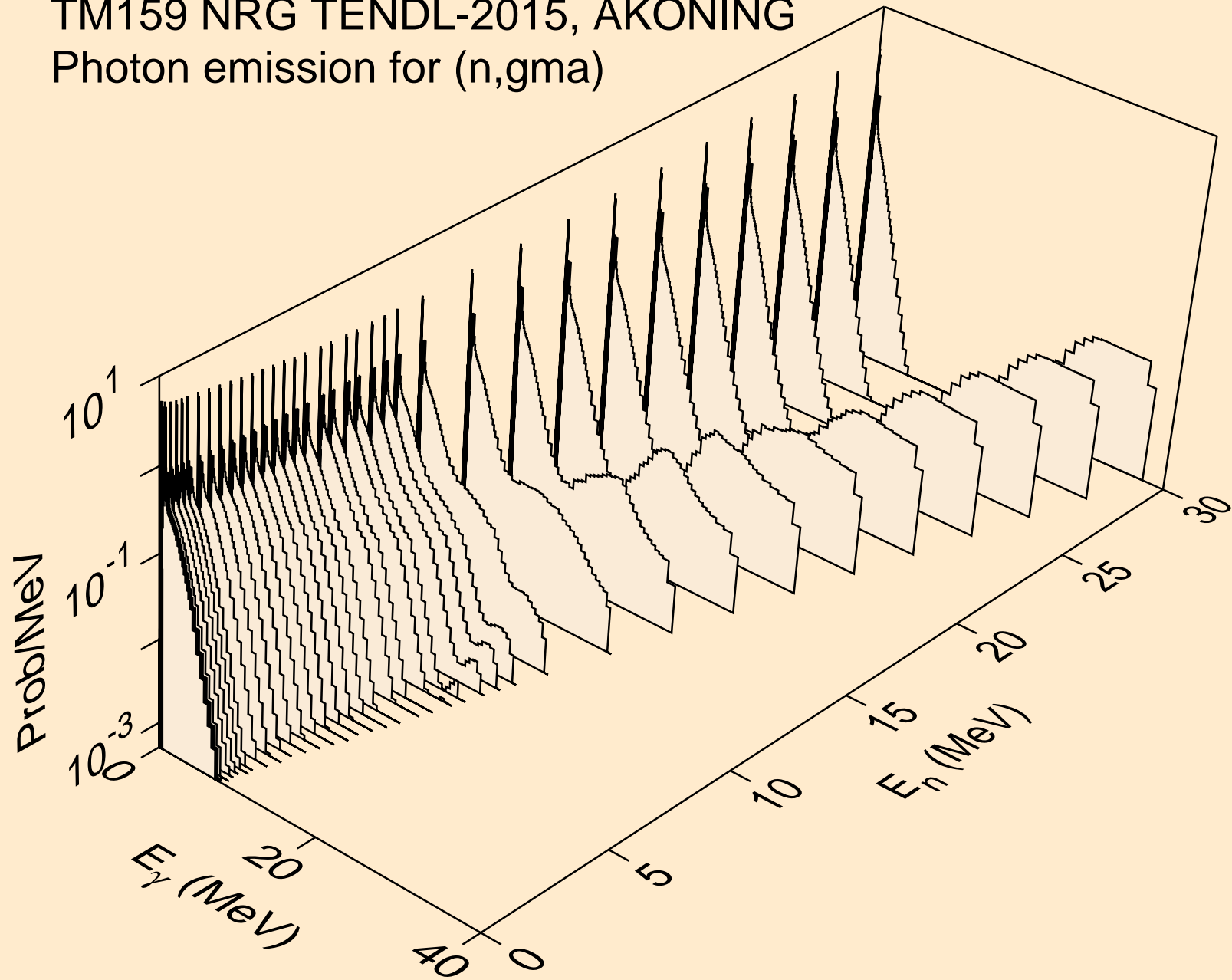
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



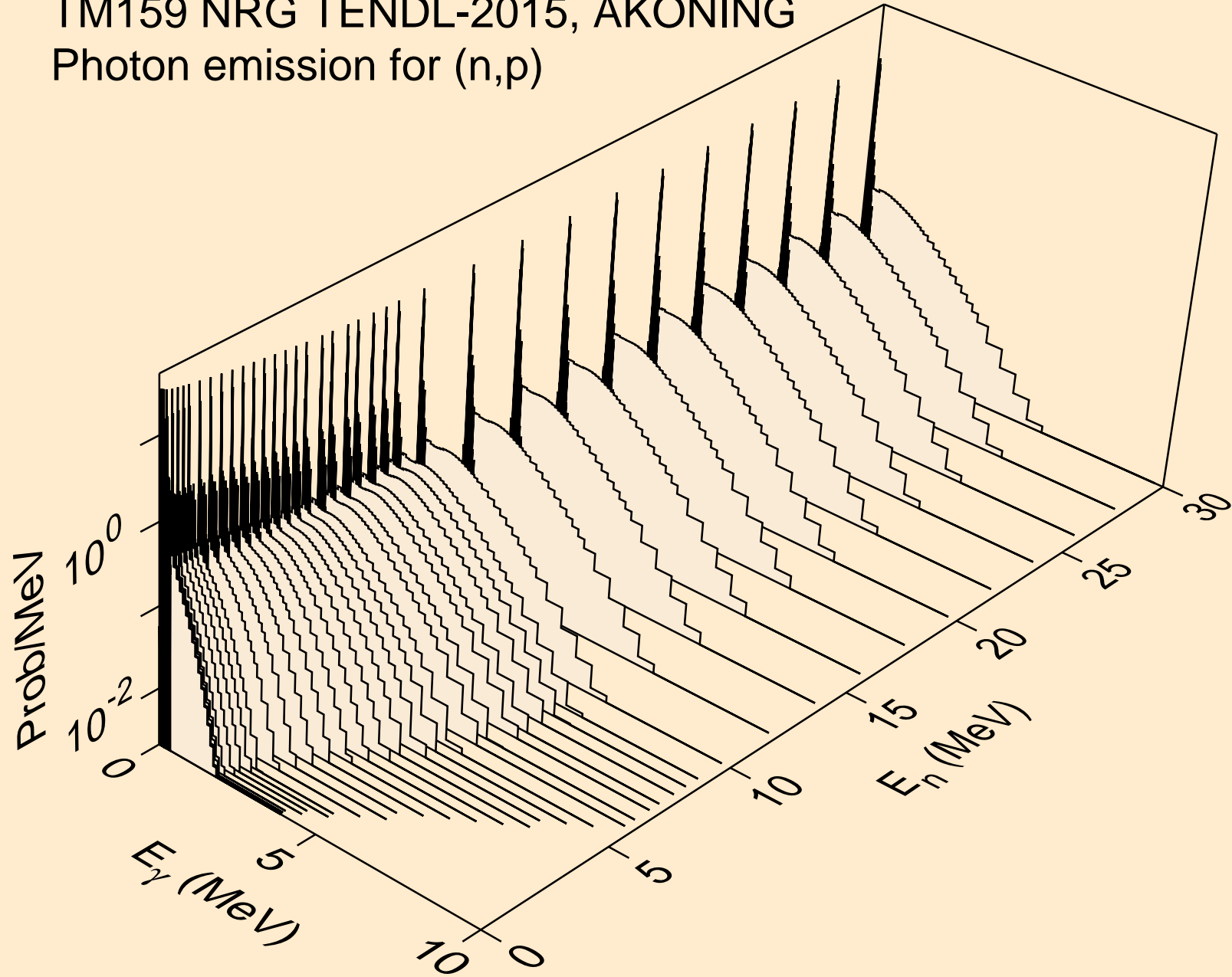
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



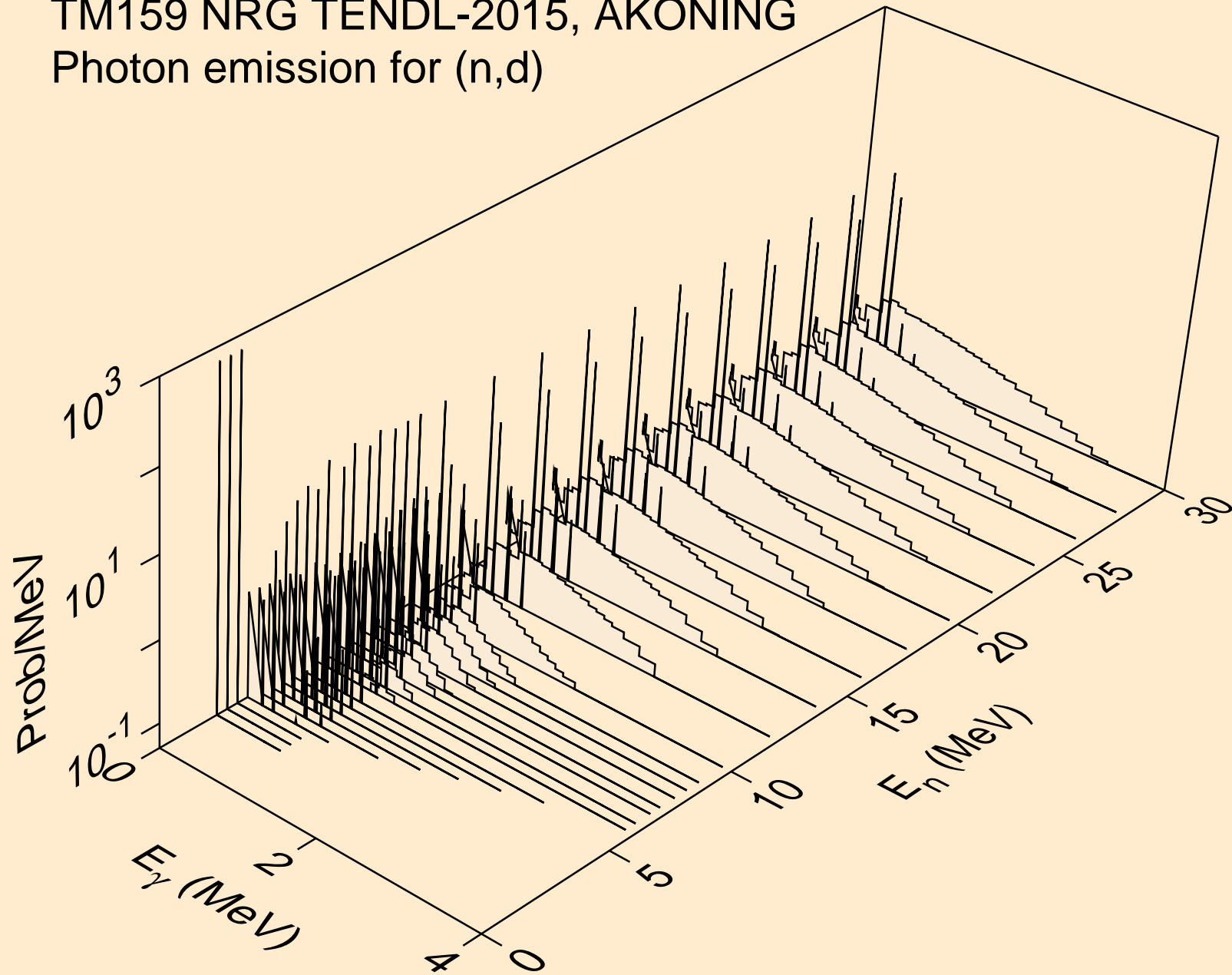
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



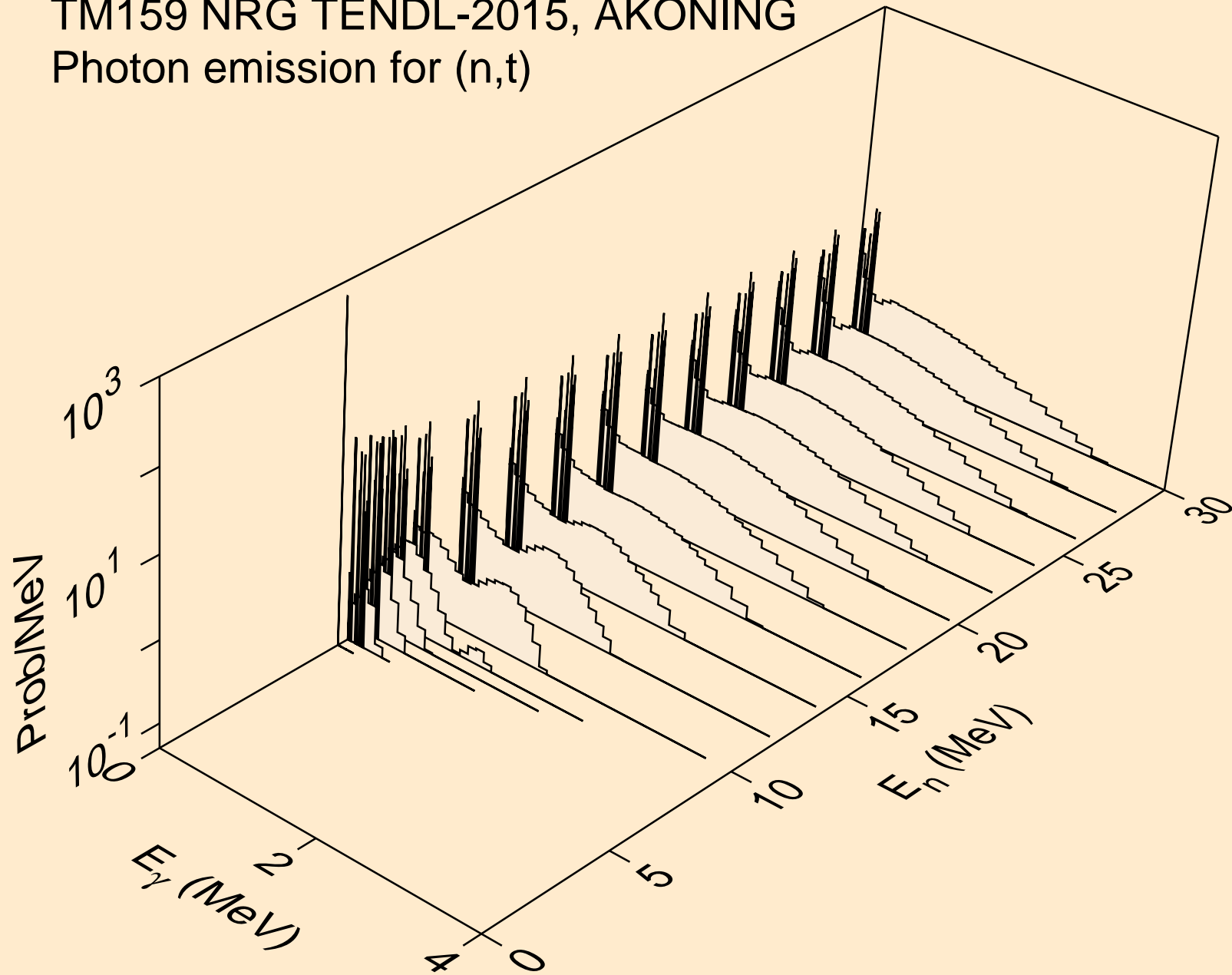
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



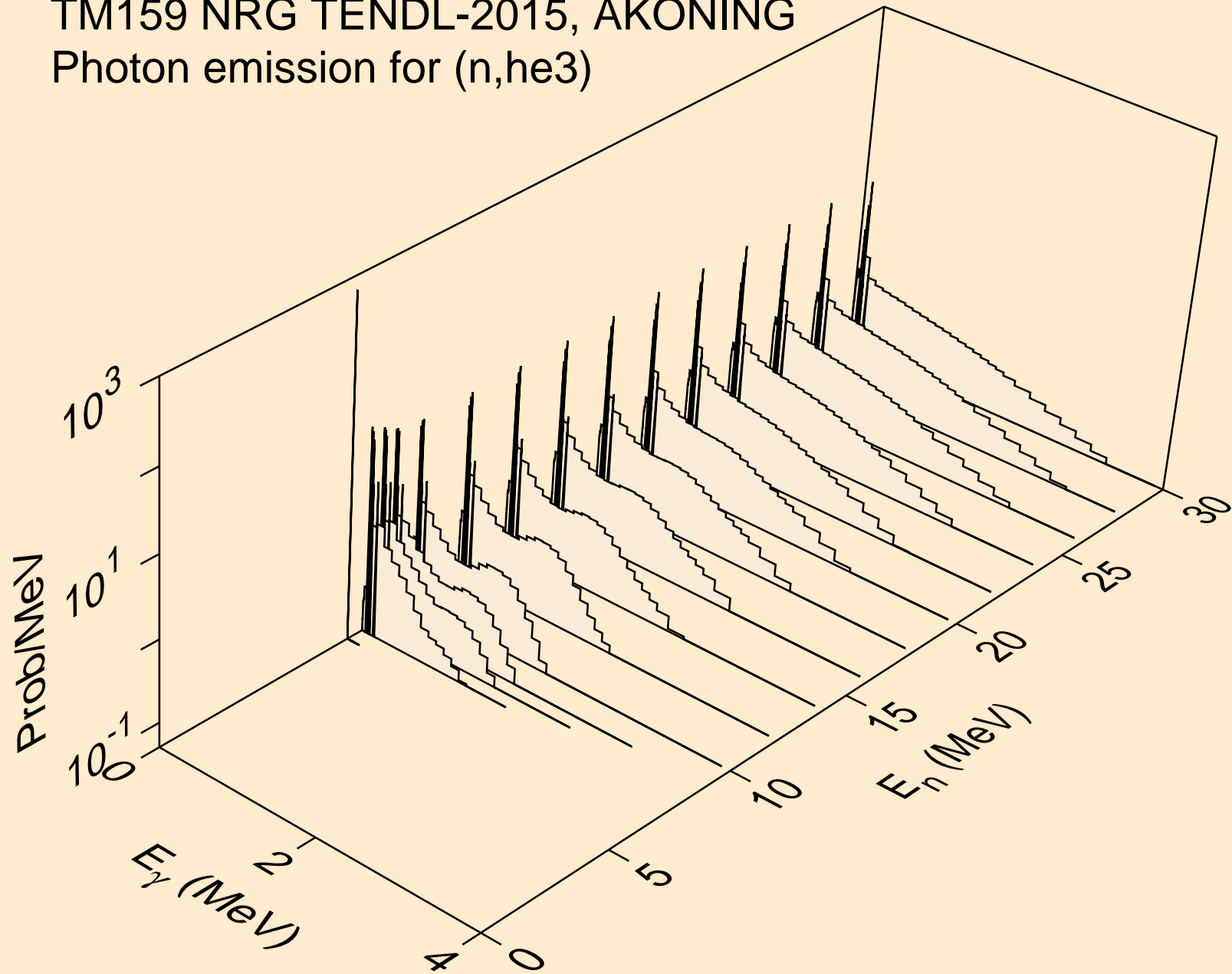
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



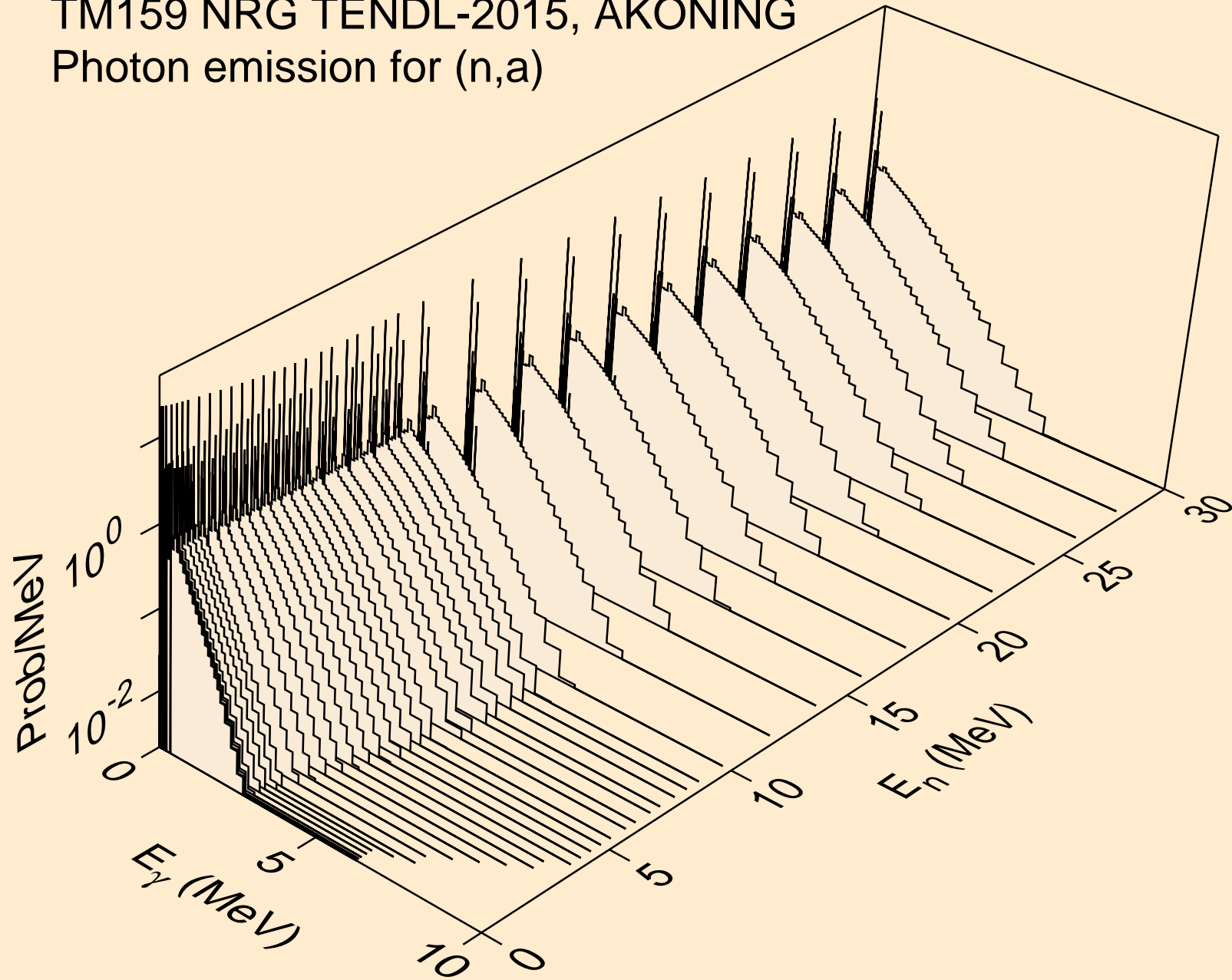
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

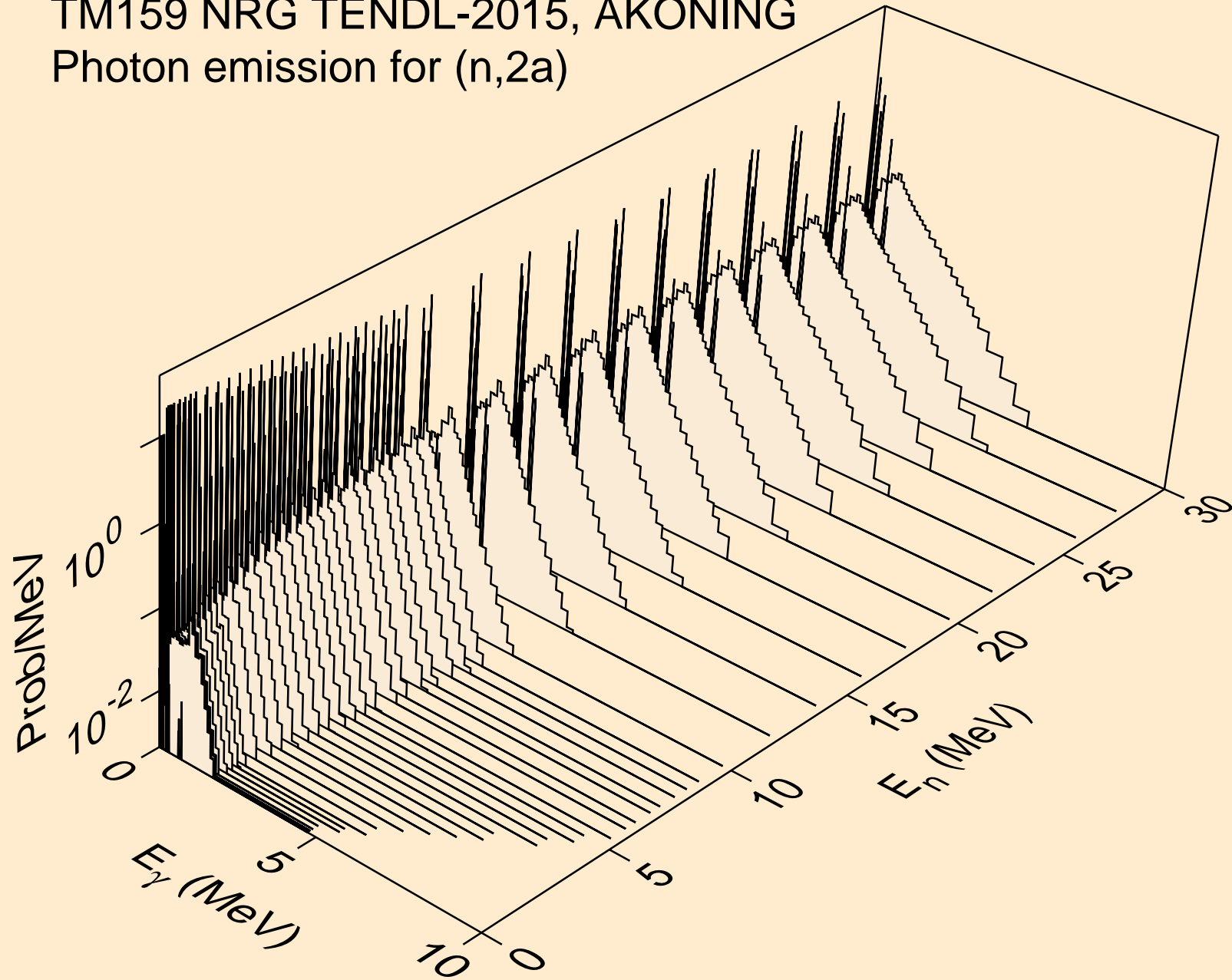


TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

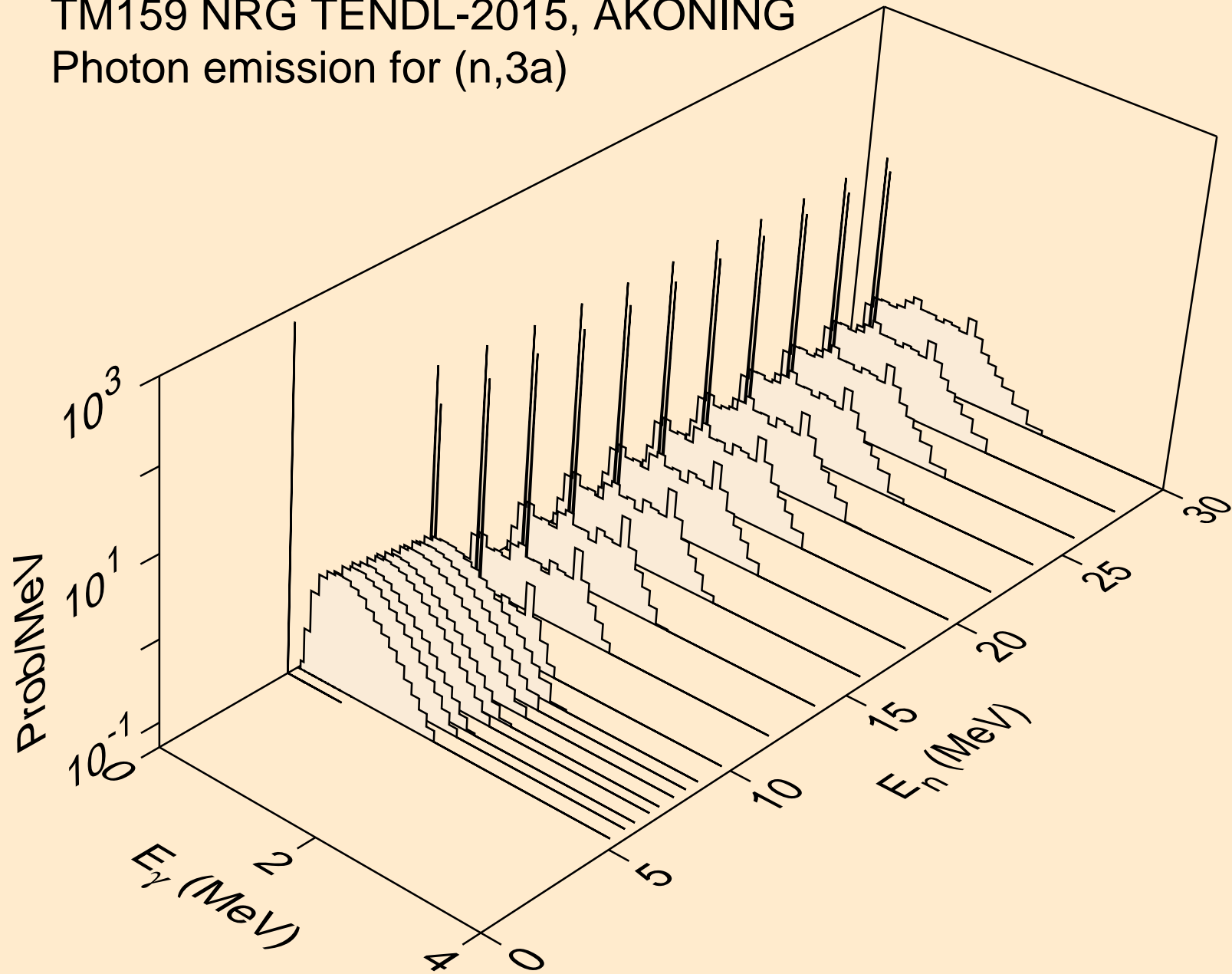




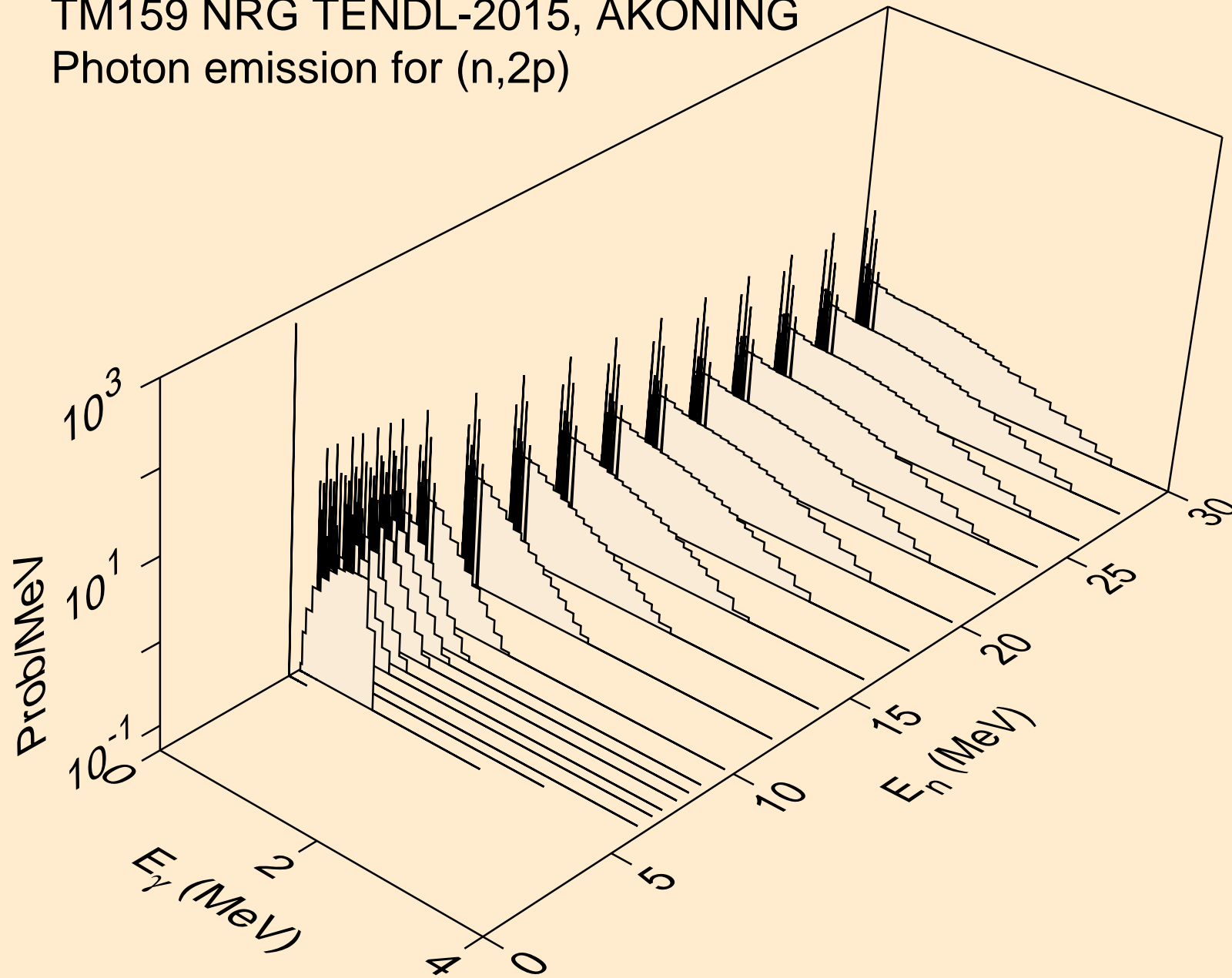
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



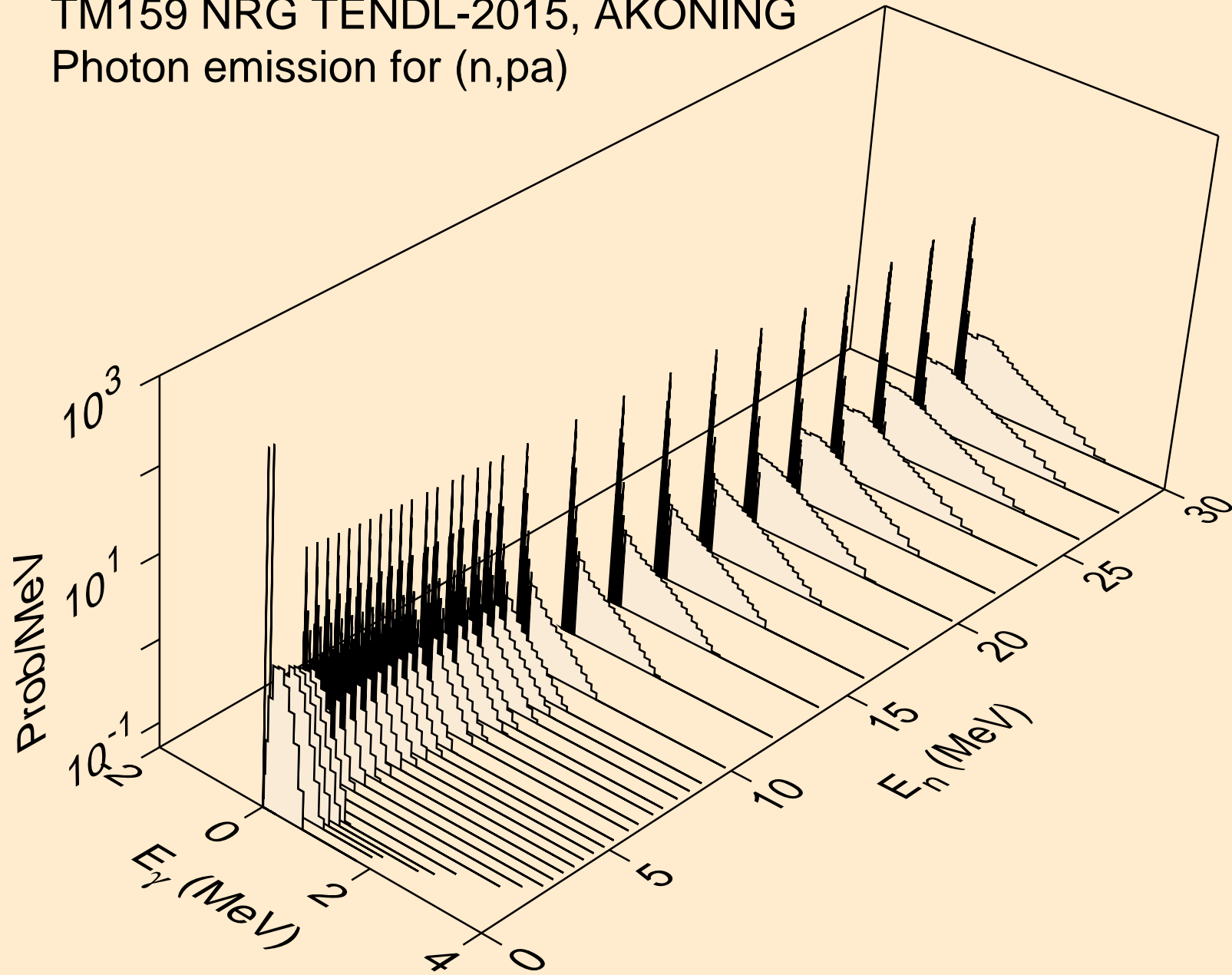
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



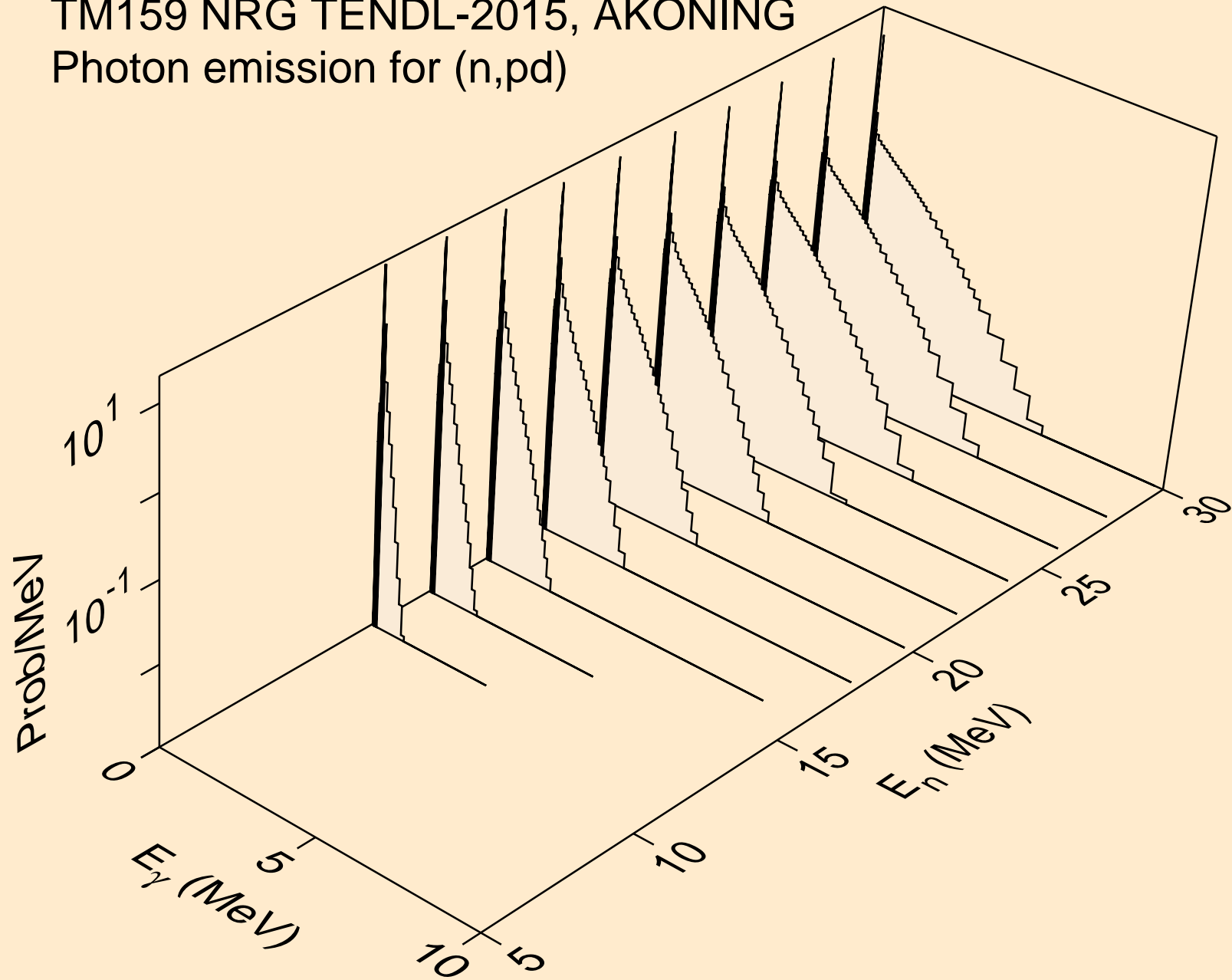
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



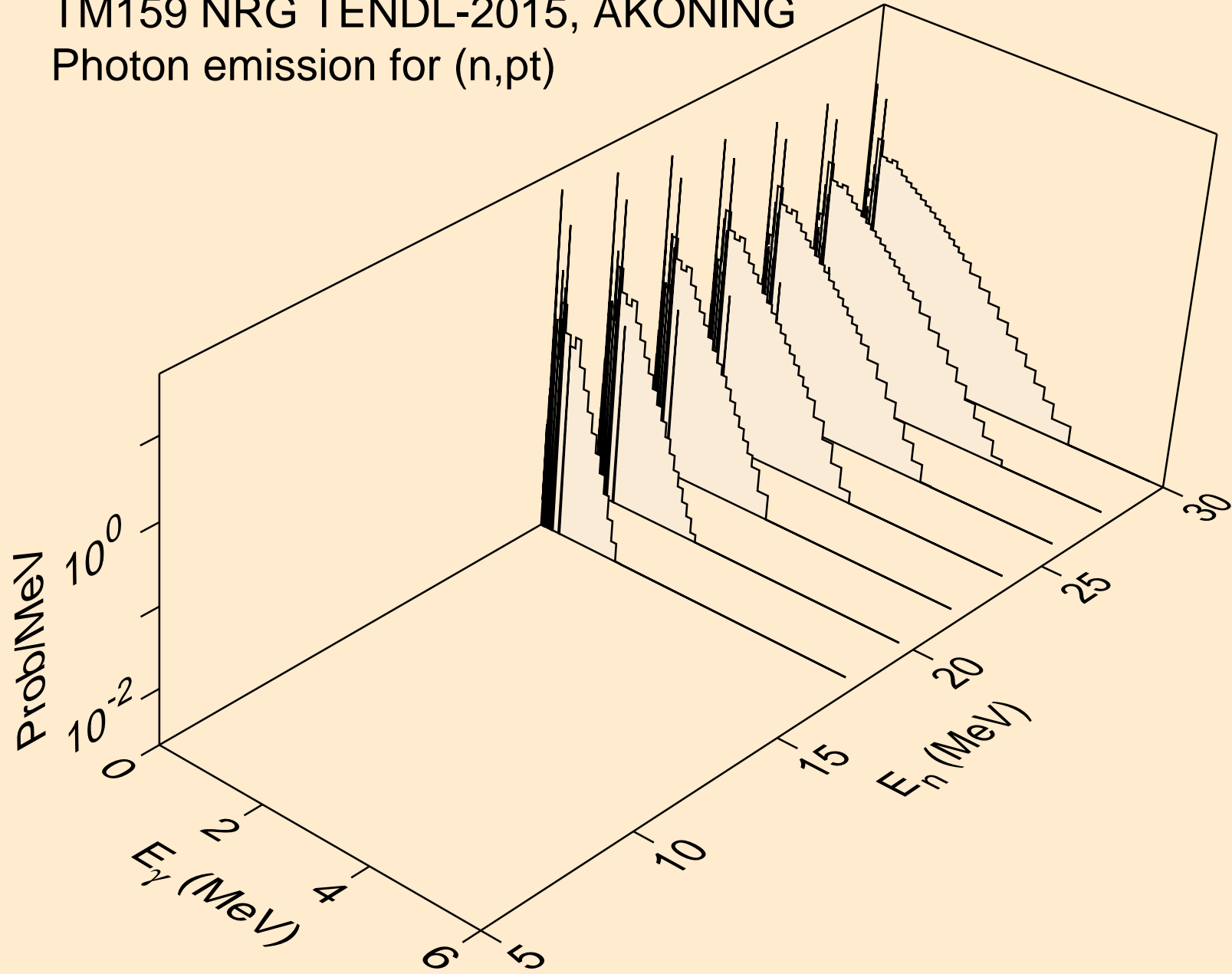
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



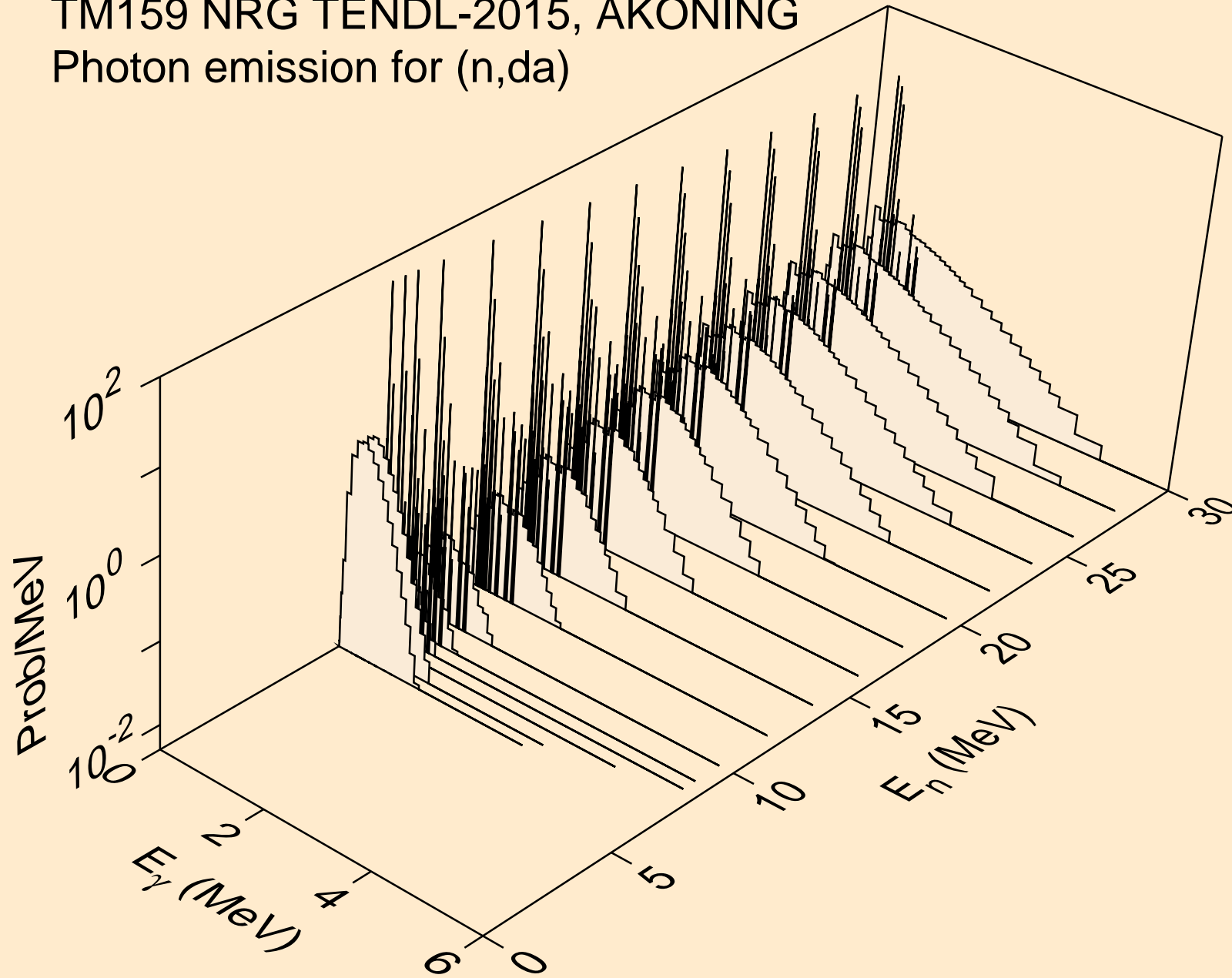
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



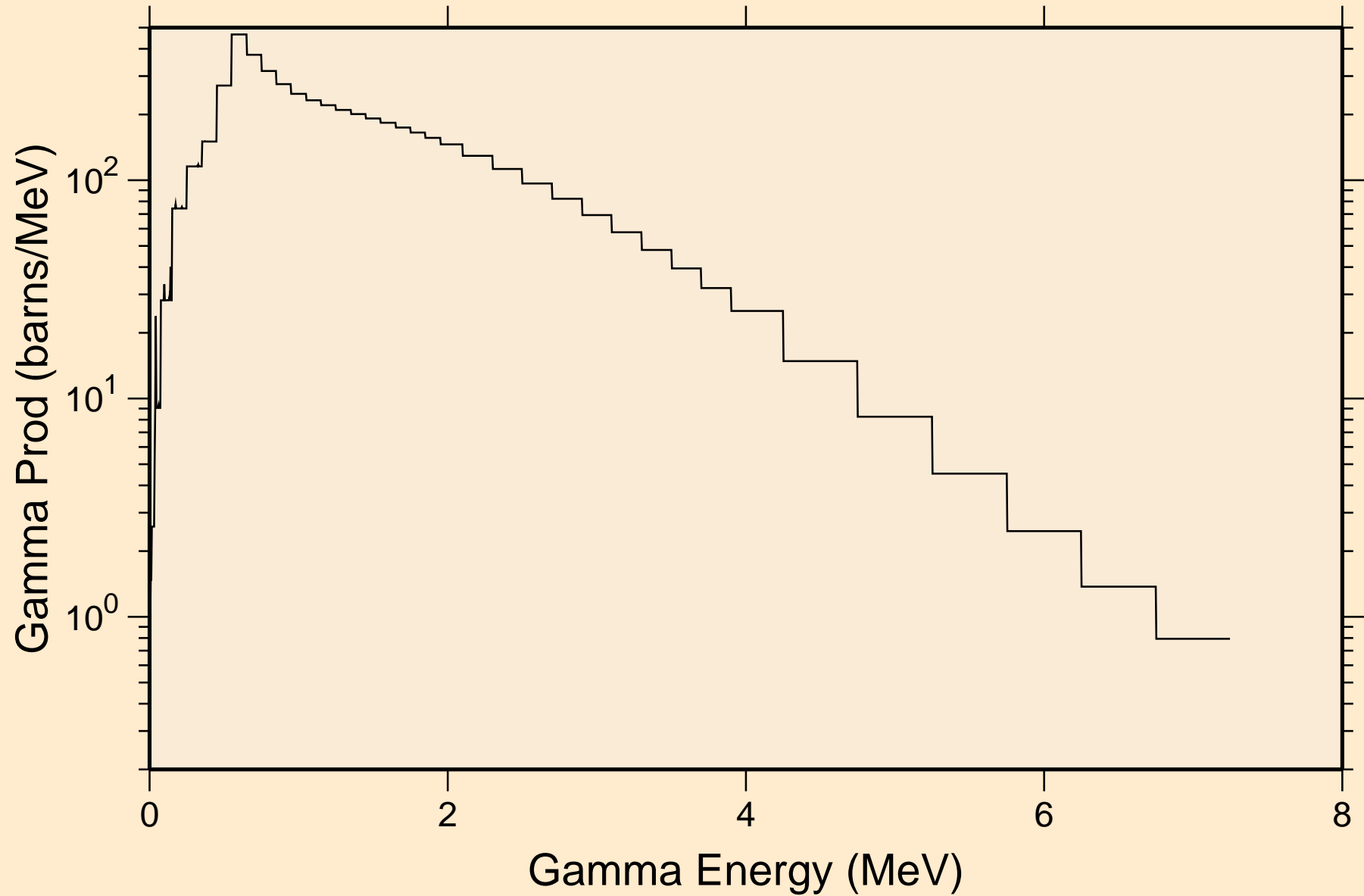
TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



TM159 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

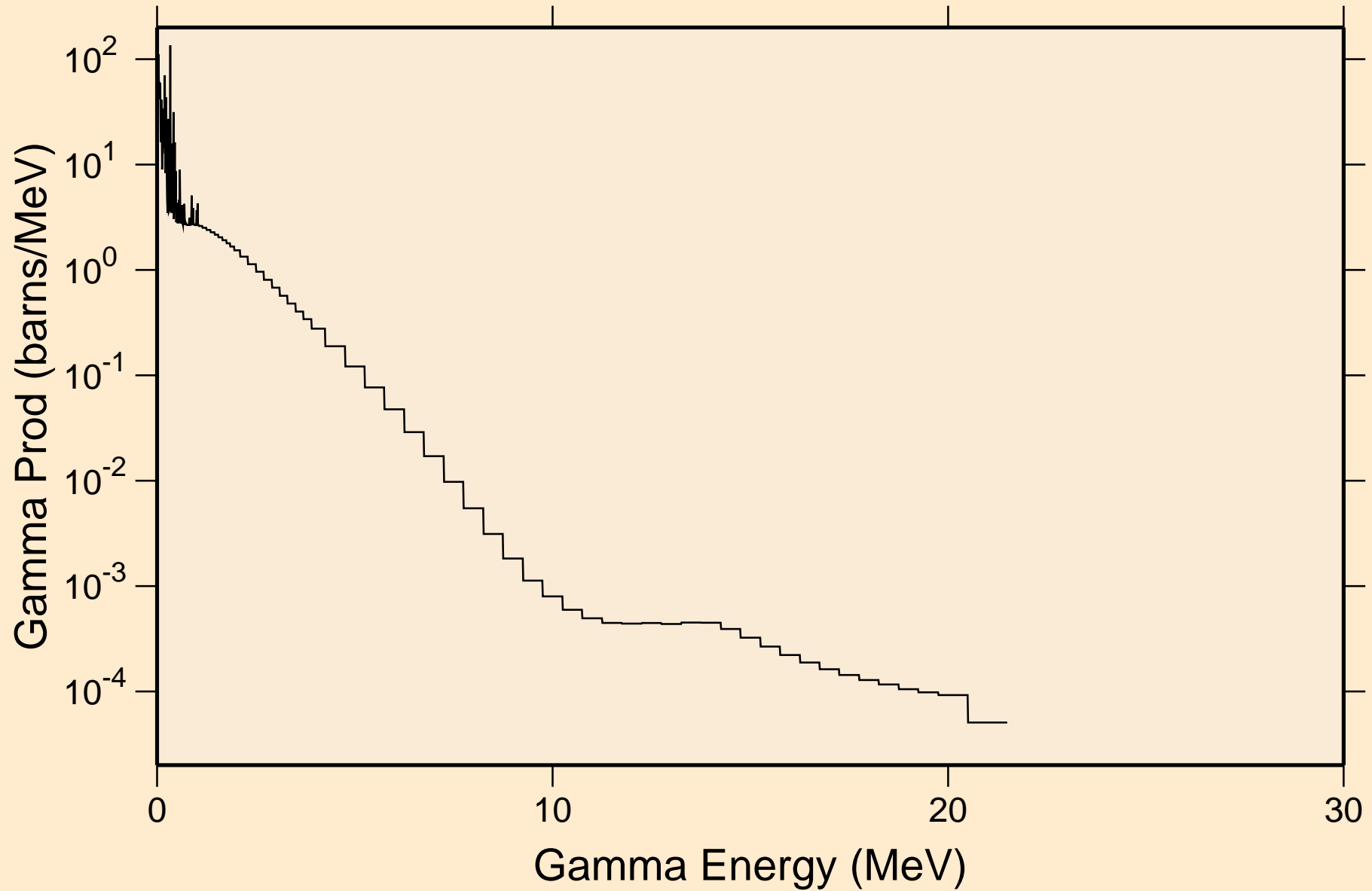


TM159 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



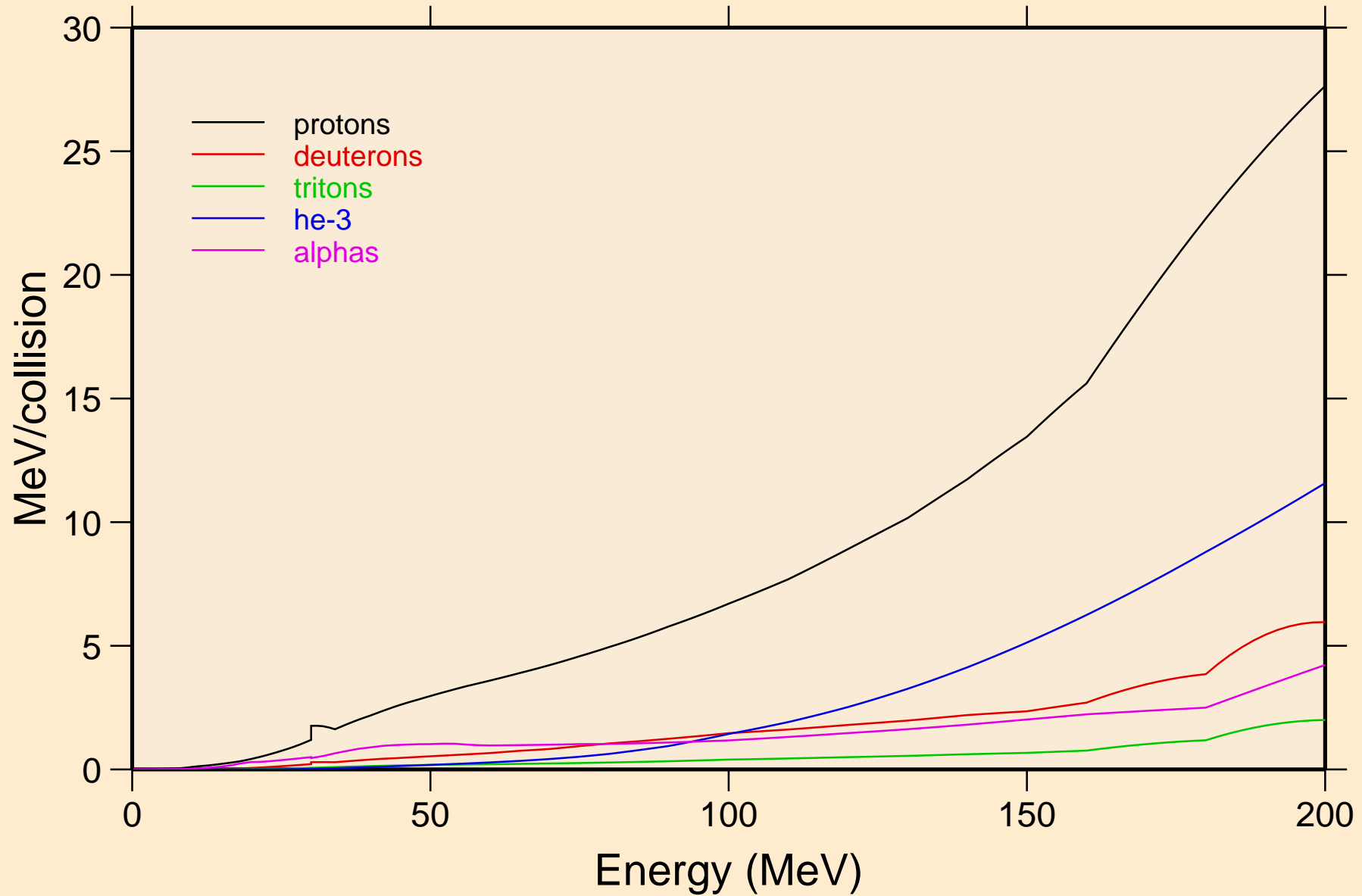


TM159 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



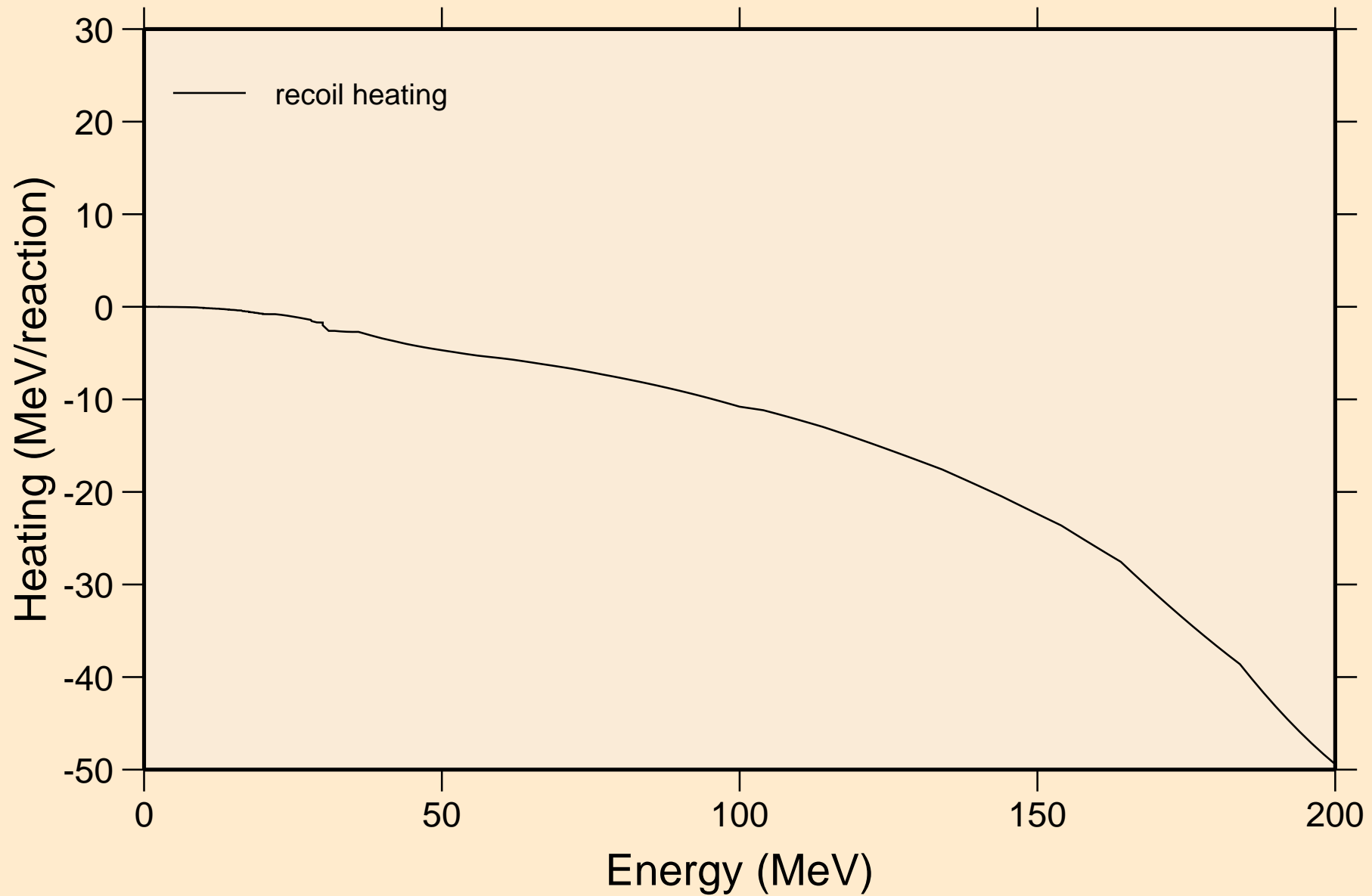
# TM159 NRG TENDL-2015, AKONING

## Particle heating contributions



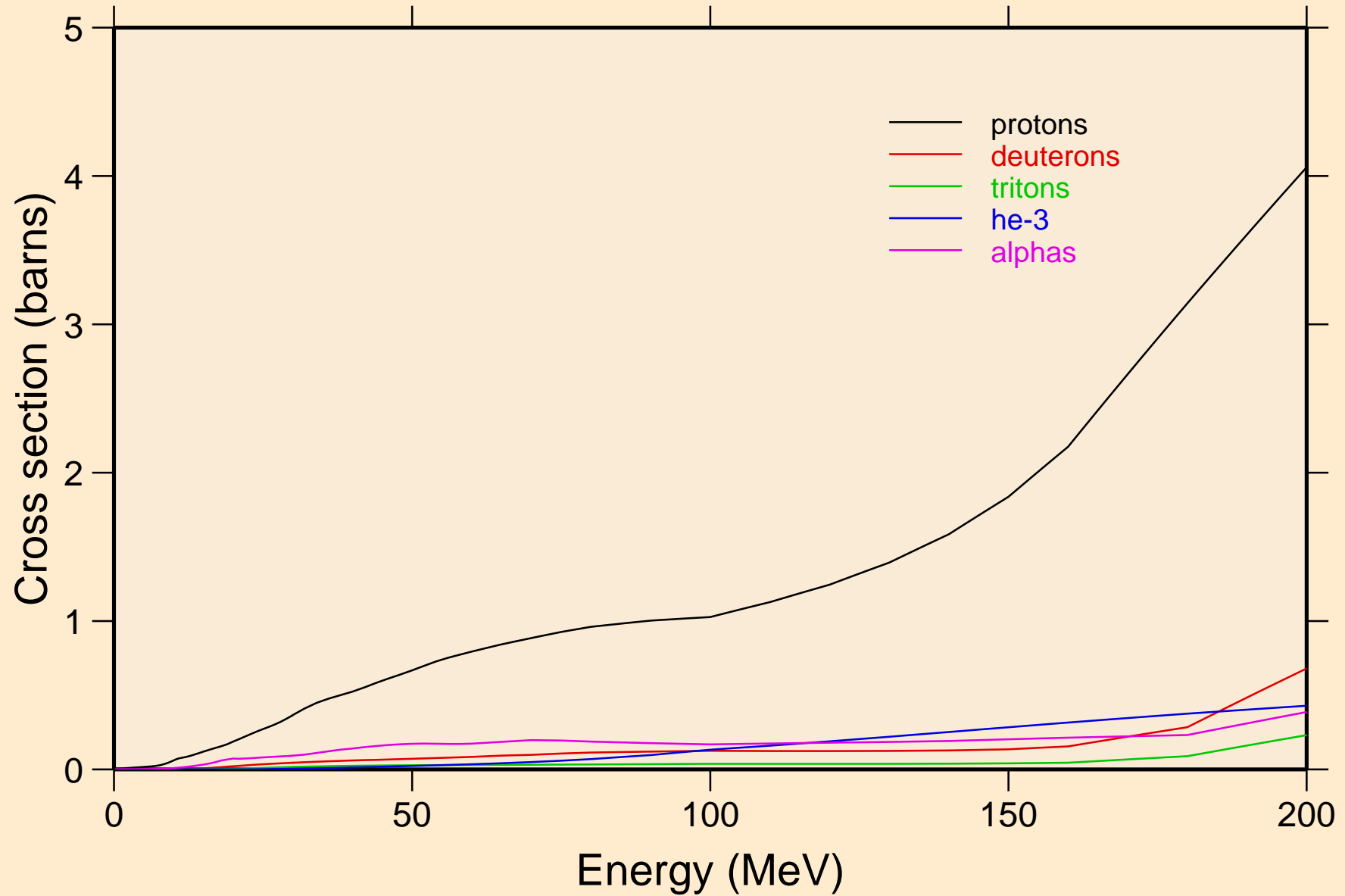
# TM159 NRG TENDL-2015, AKONING

## Recoil Heating

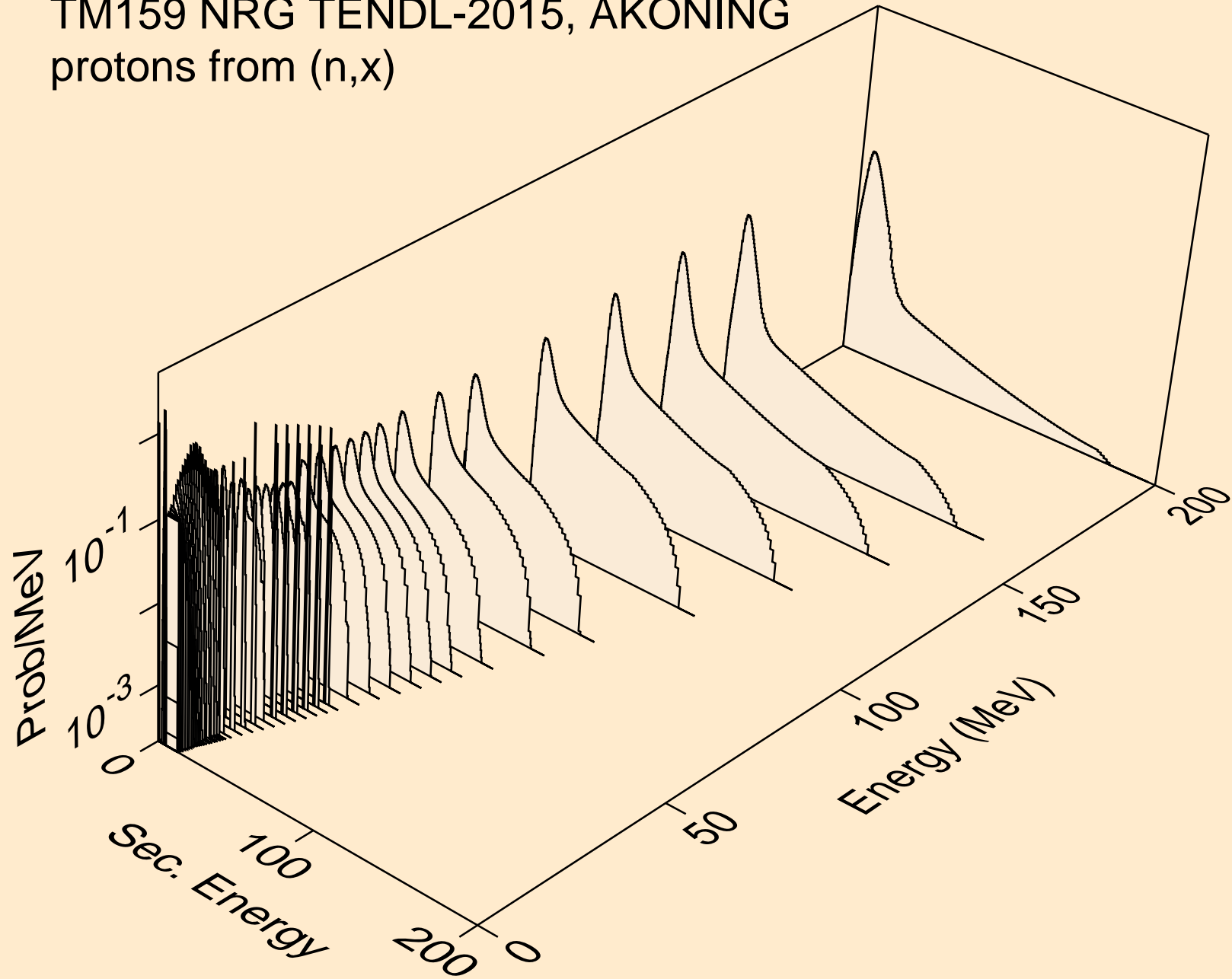


# TM159 NRG TENDL-2015, AKONING

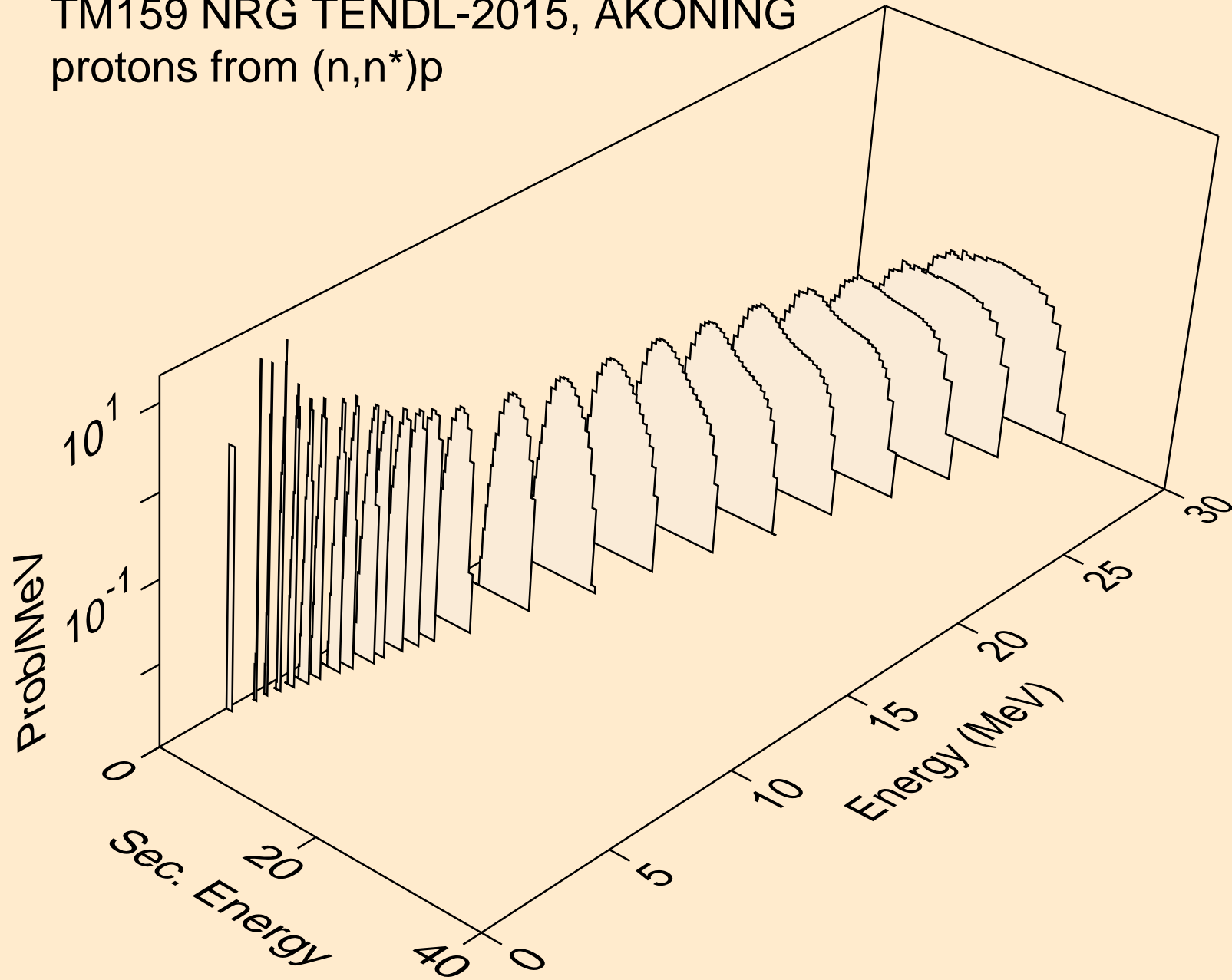
## Particle production cross sections



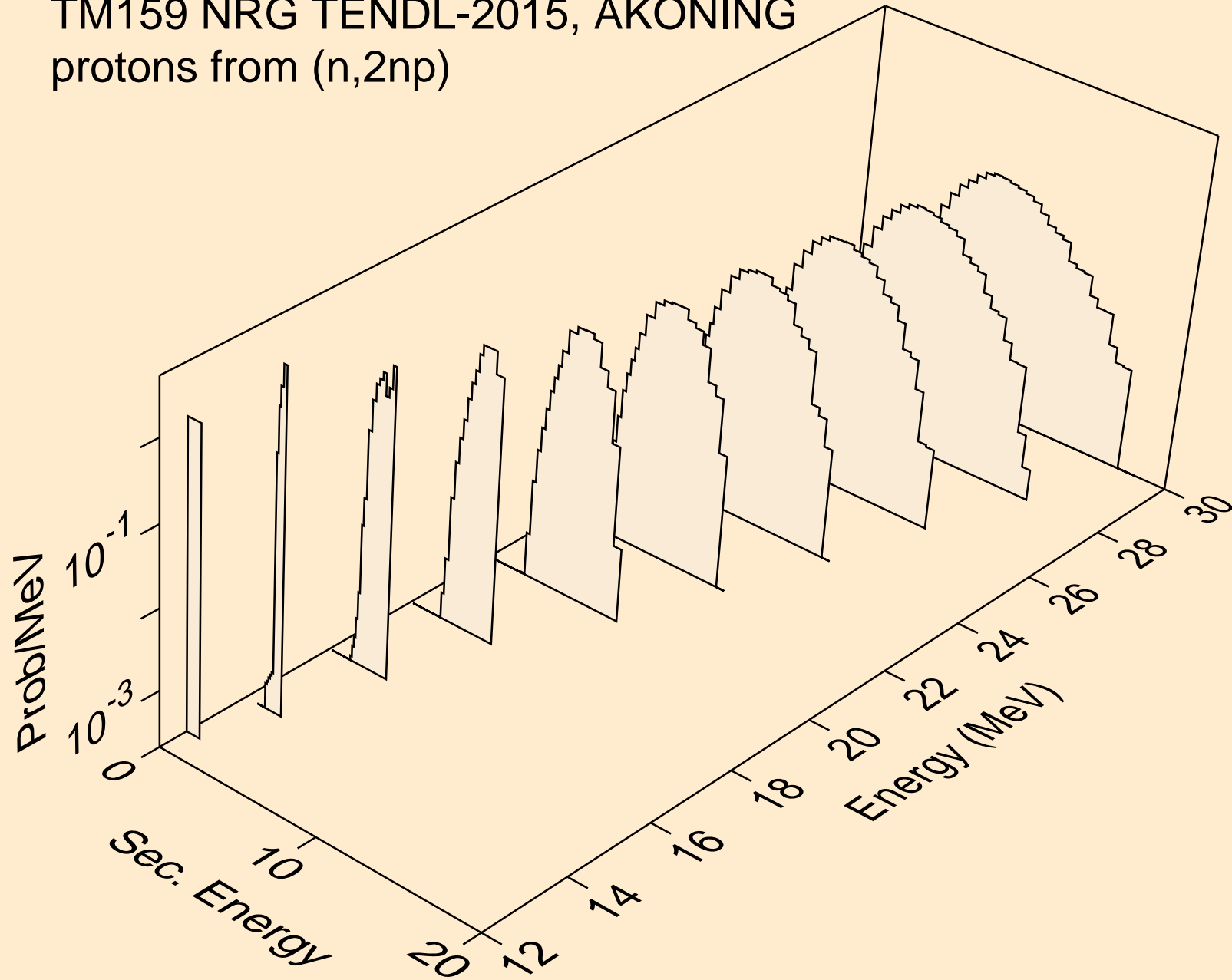
TM159 NRG TENDL-2015, AKONING  
protons from (n,x)



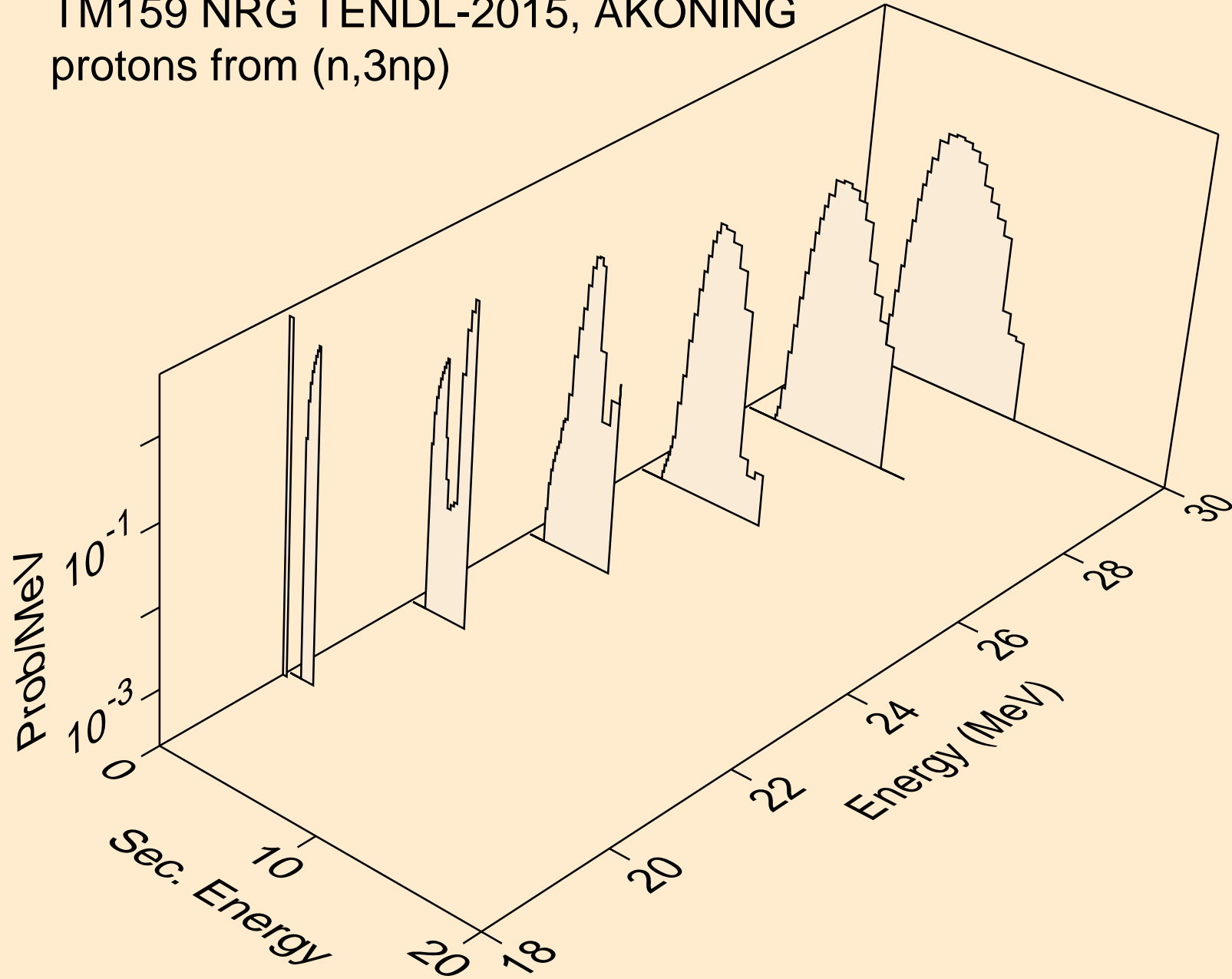
TM159 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



TM159 NRG TENDL-2015, AKONING  
protons from (n,2np)

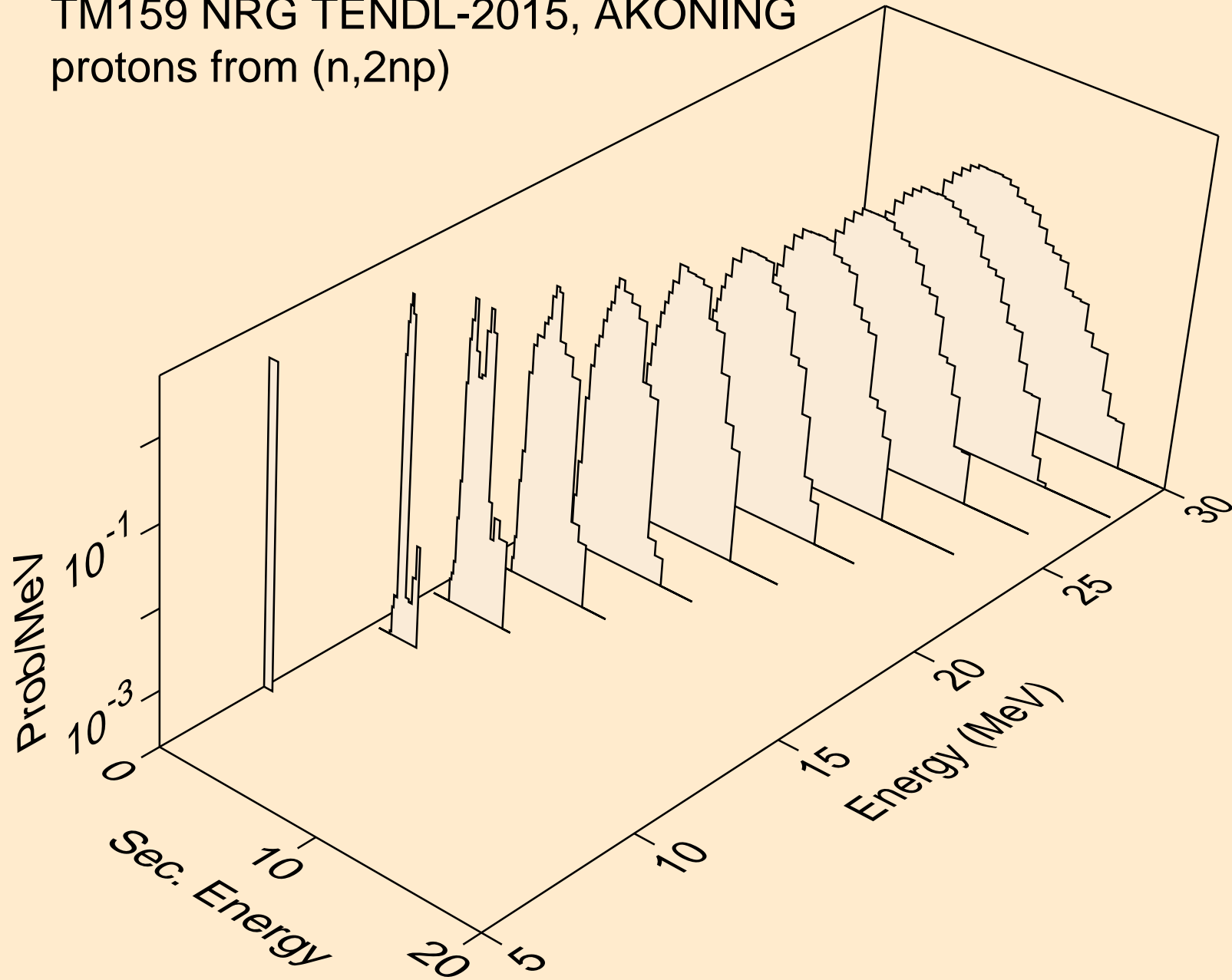


TM159 NRG TENDL-2015, AKONING  
protons from (n,3np)

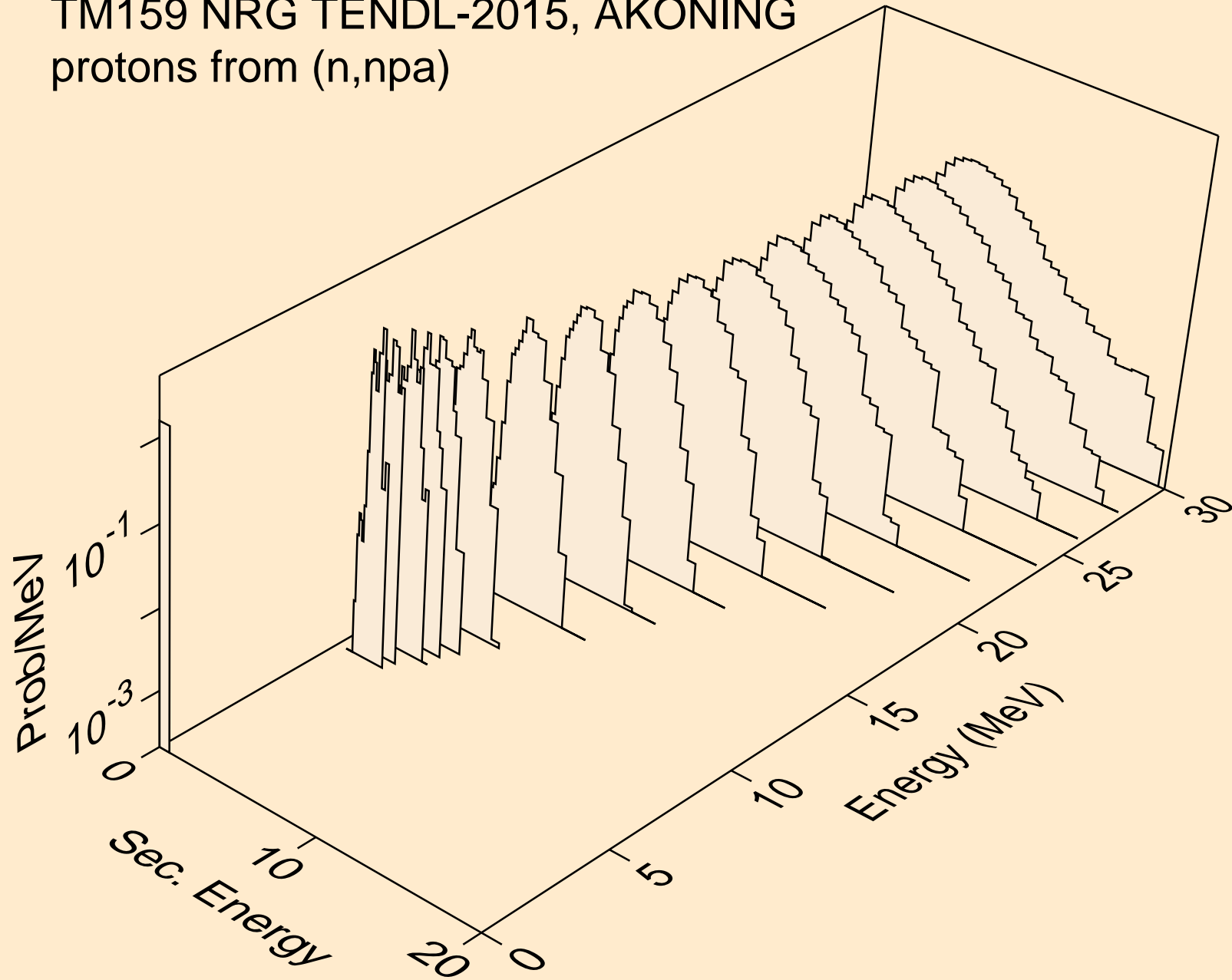




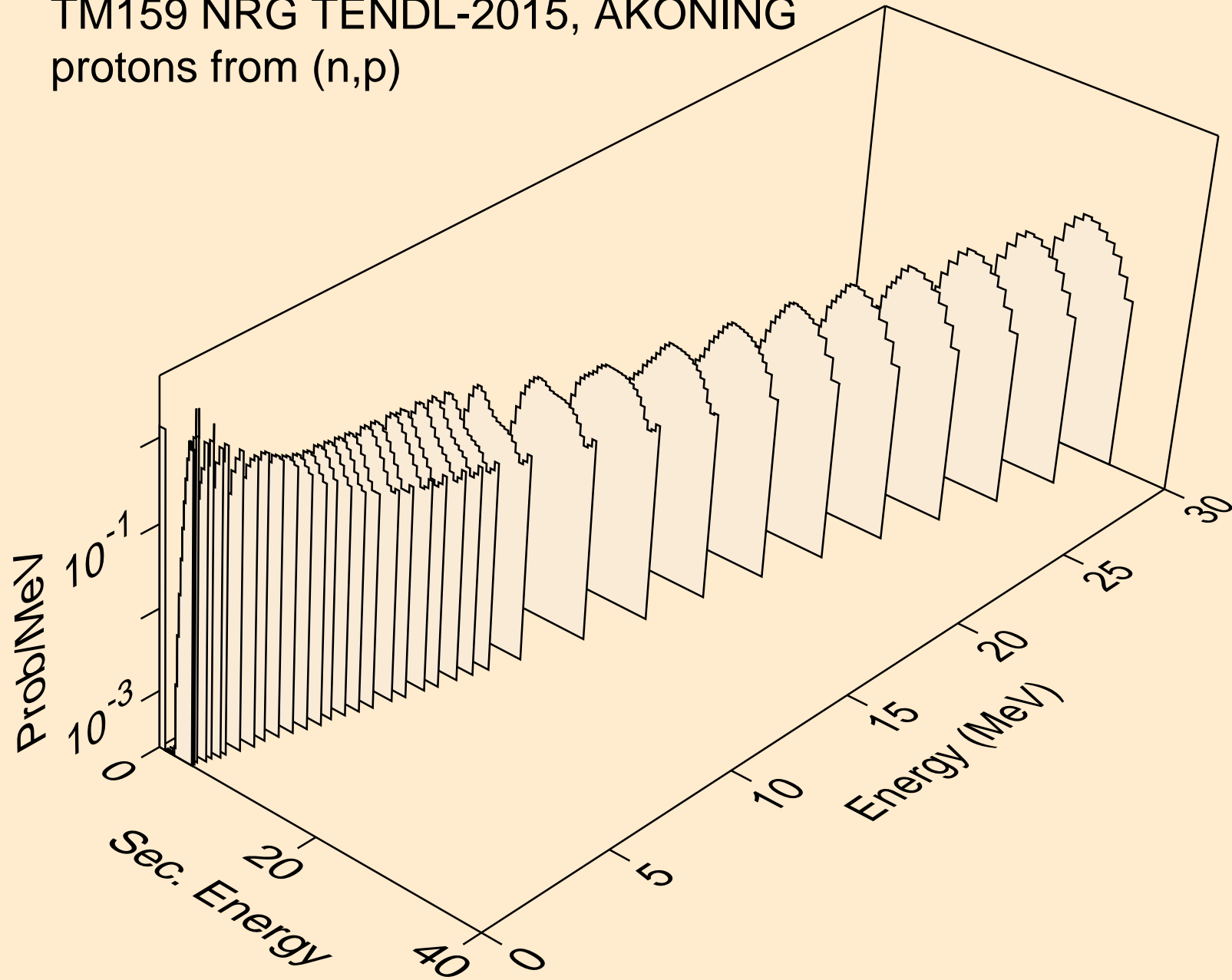
TM159 NRG TENDL-2015, AKONING  
protons from (n,2np)



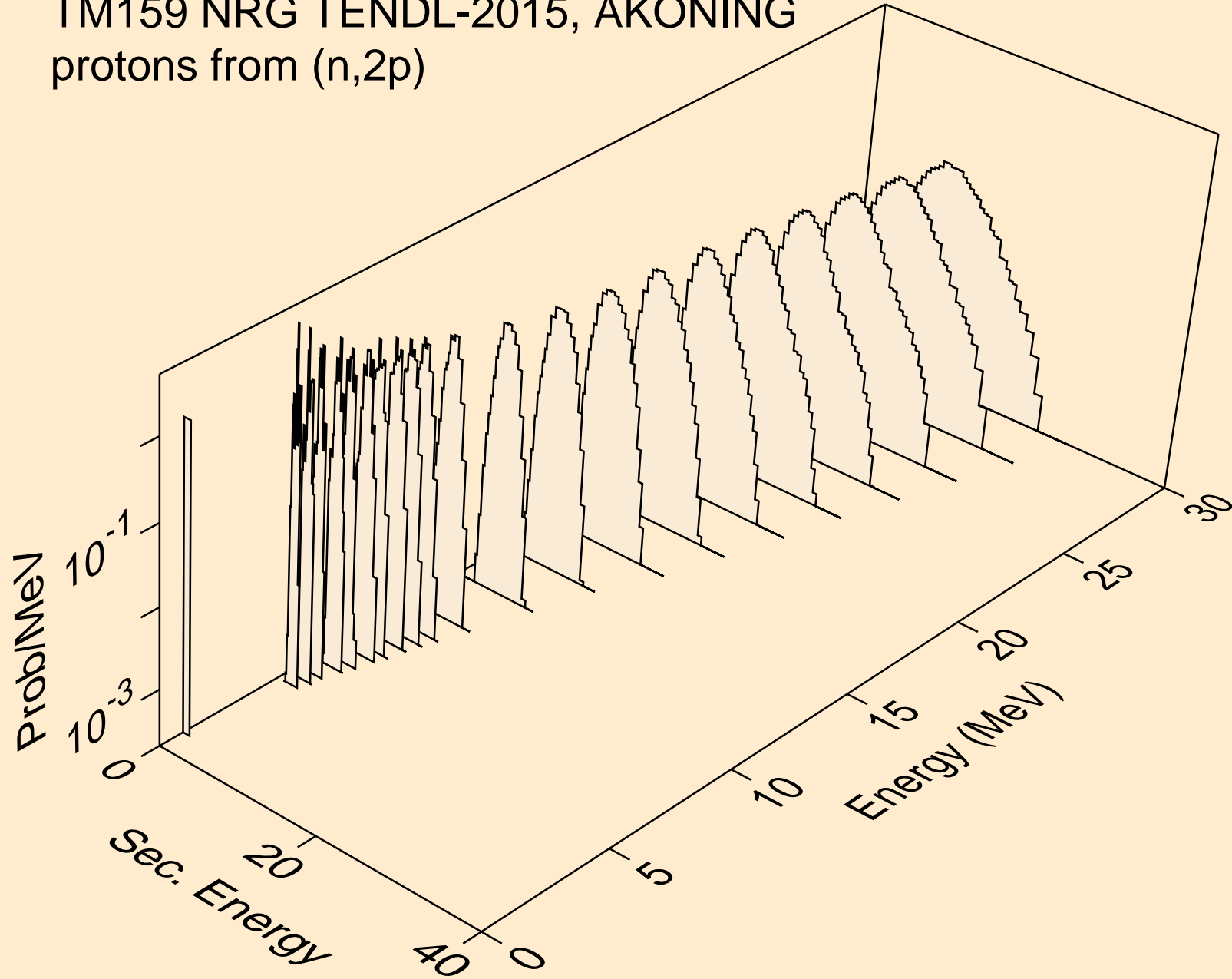
TM159 NRG TENDL-2015, AKONING  
protons from (n,npa)



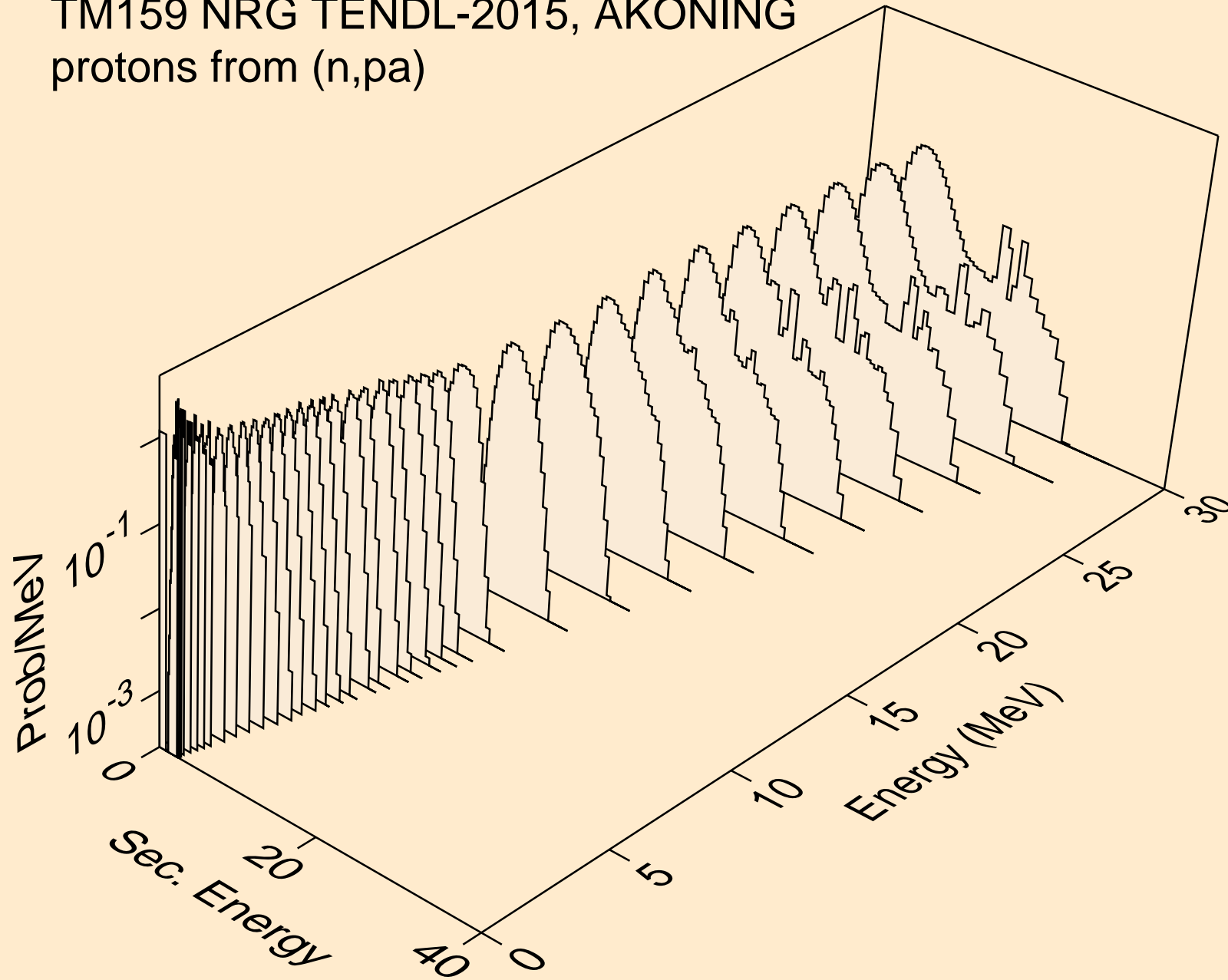
TM159 NRG TENDL-2015, AKONING  
protons from (n,p)



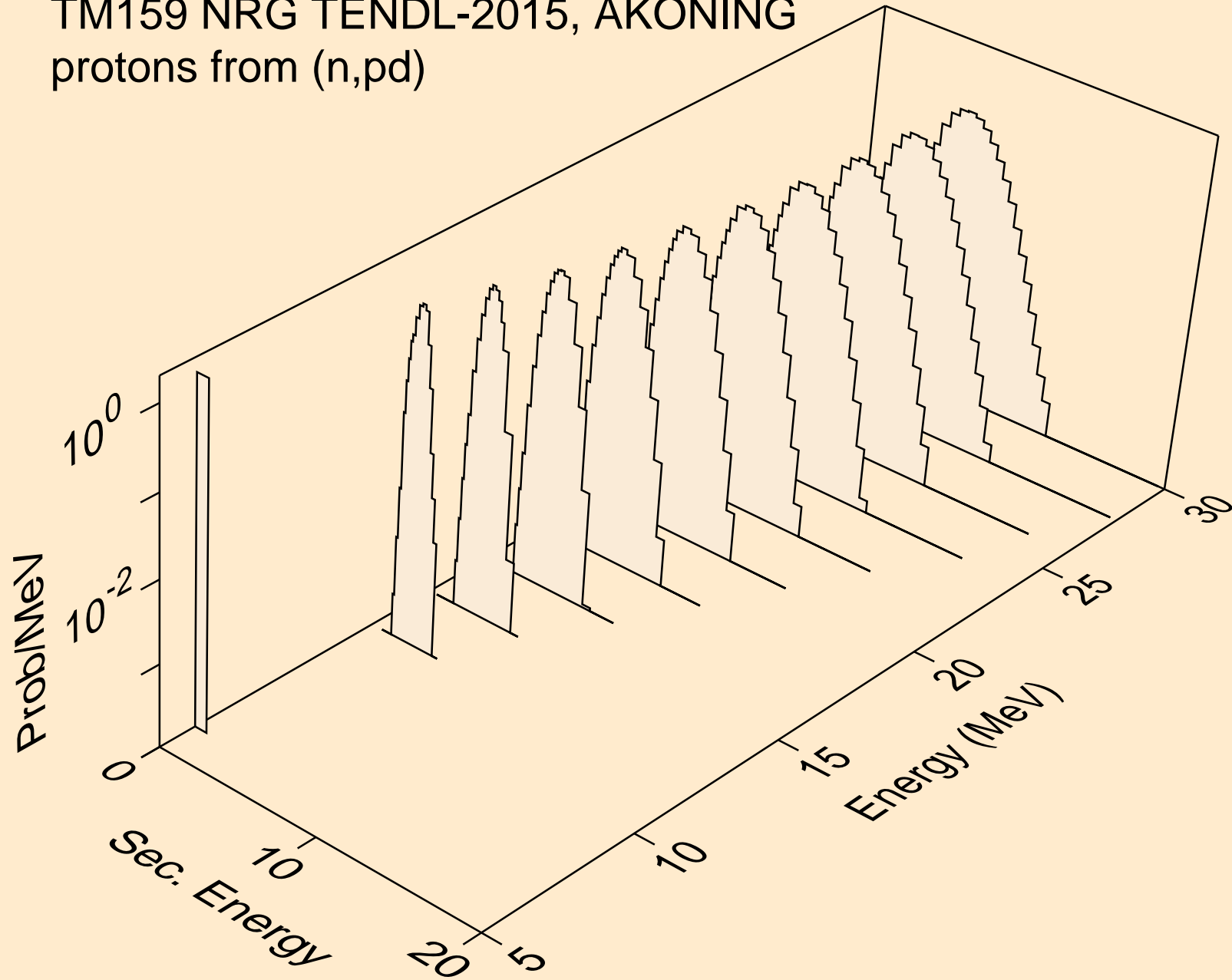
TM159 NRG TENDL-2015, AKONING  
protons from (n,2p)



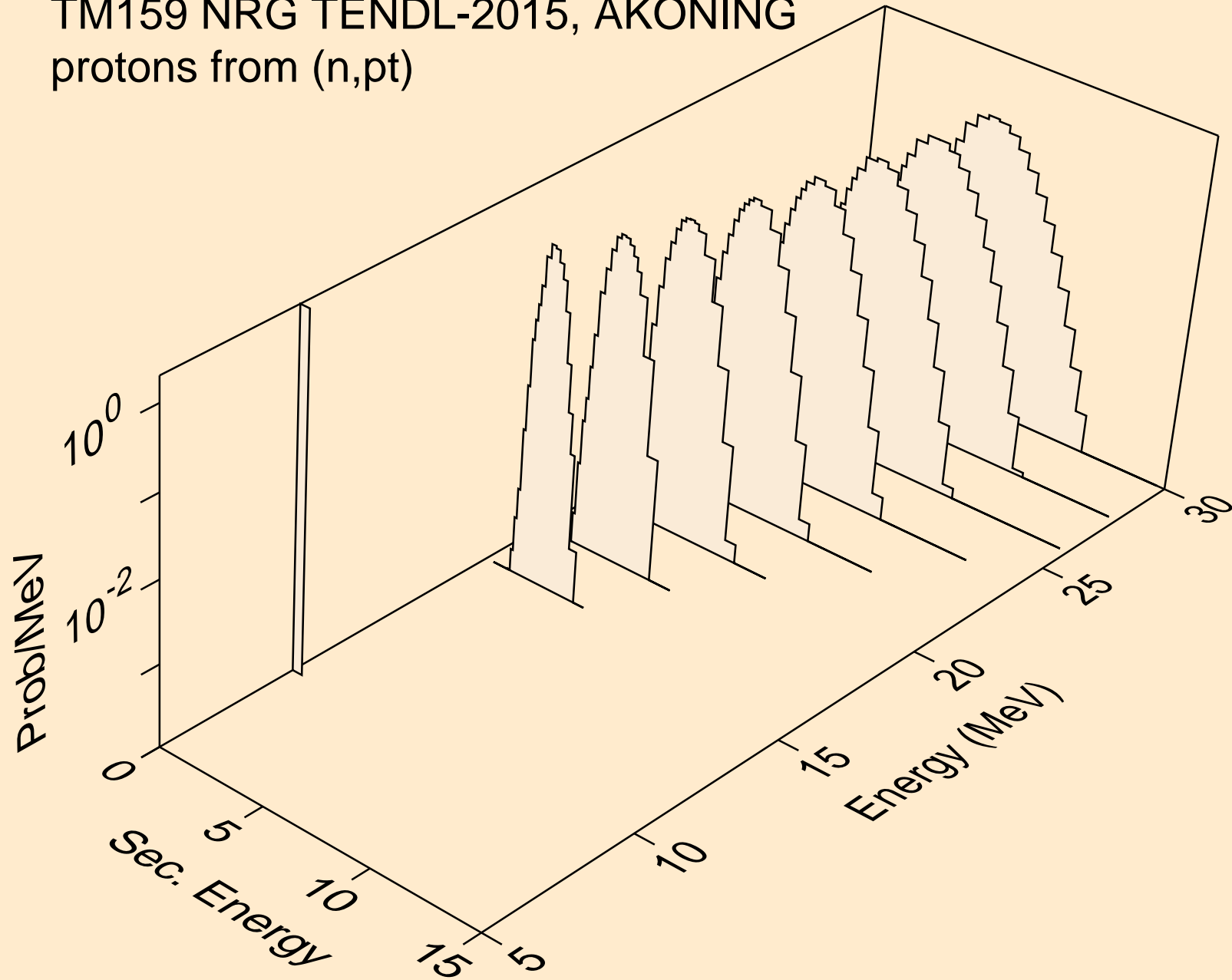
TM159 NRG TENDL-2015, AKONING  
protons from (n,pa)



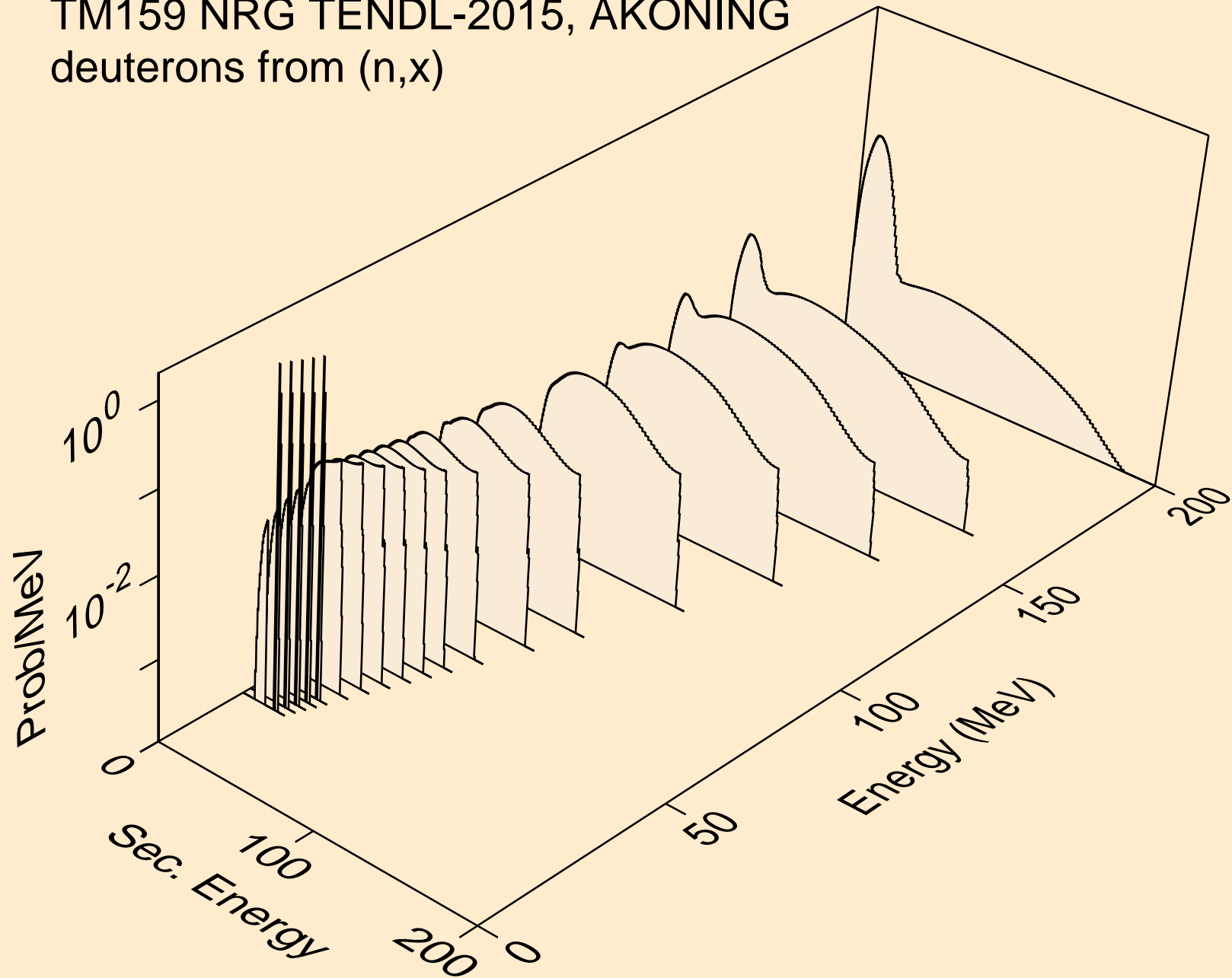
TM159 NRG TENDL-2015, AKONING  
protons from (n,pd)



TM159 NRG TENDL-2015, AKONING  
protons from (n,pt)

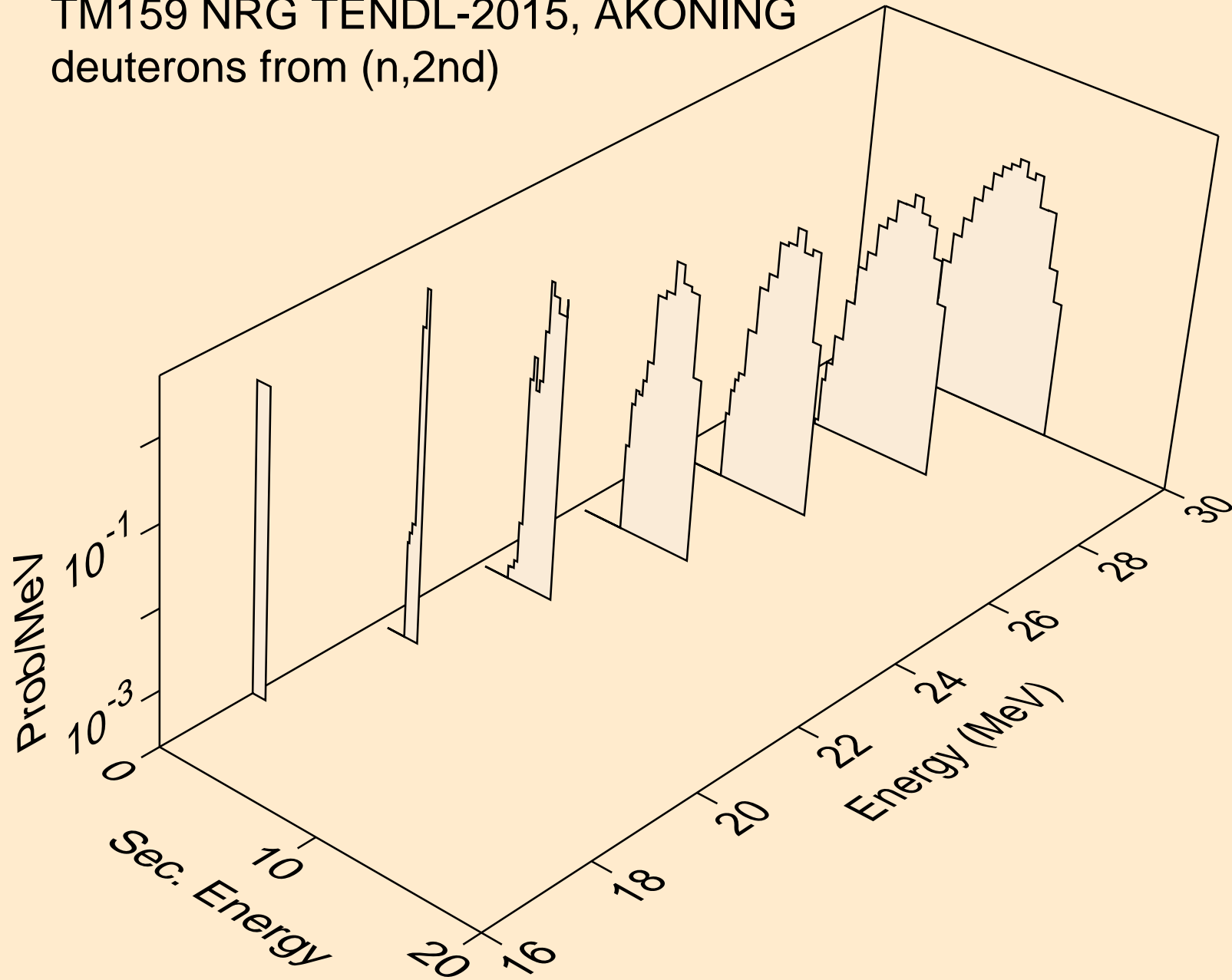


TM159 NRG TENDL-2015, AKONING  
deuterons from (n,x)

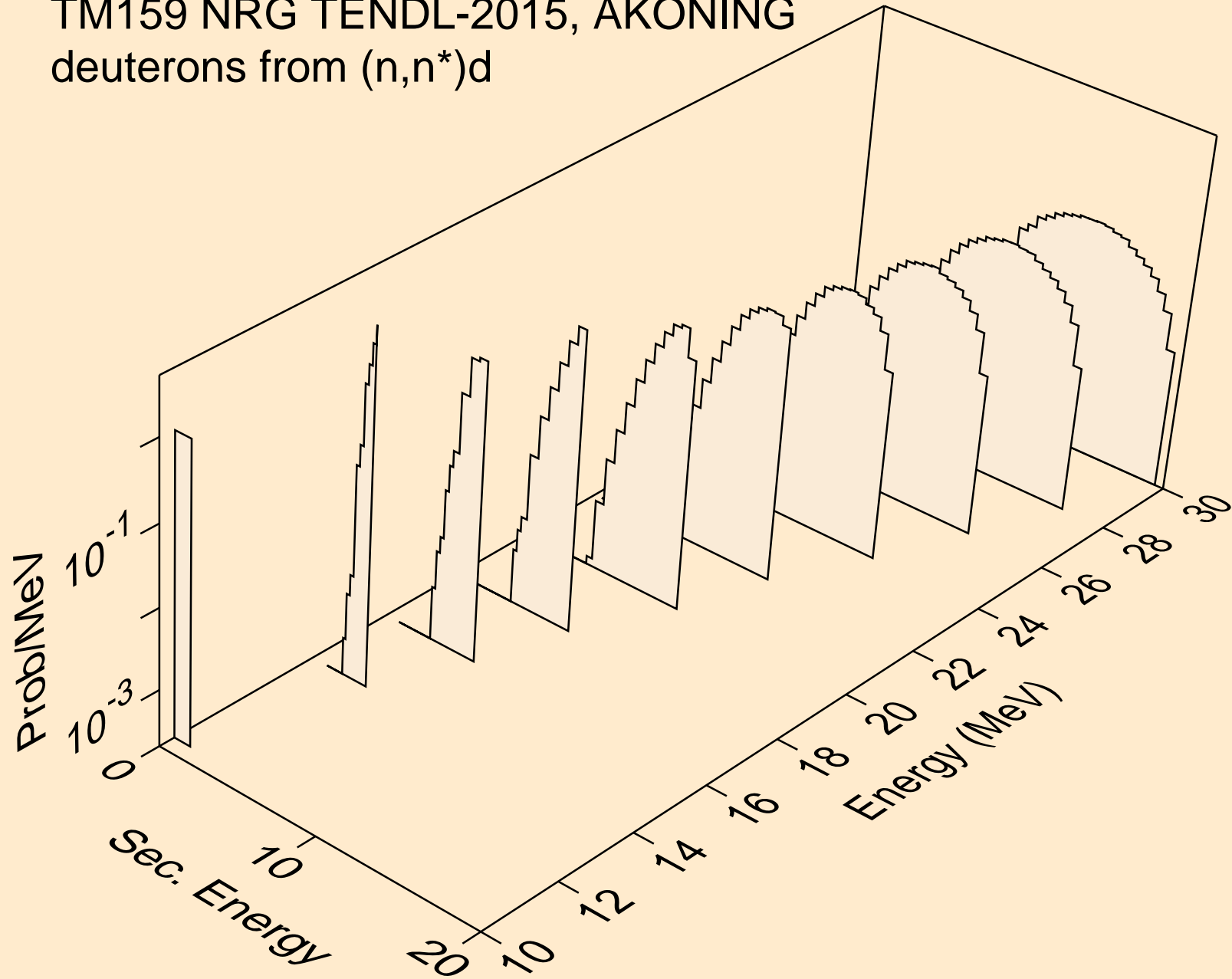




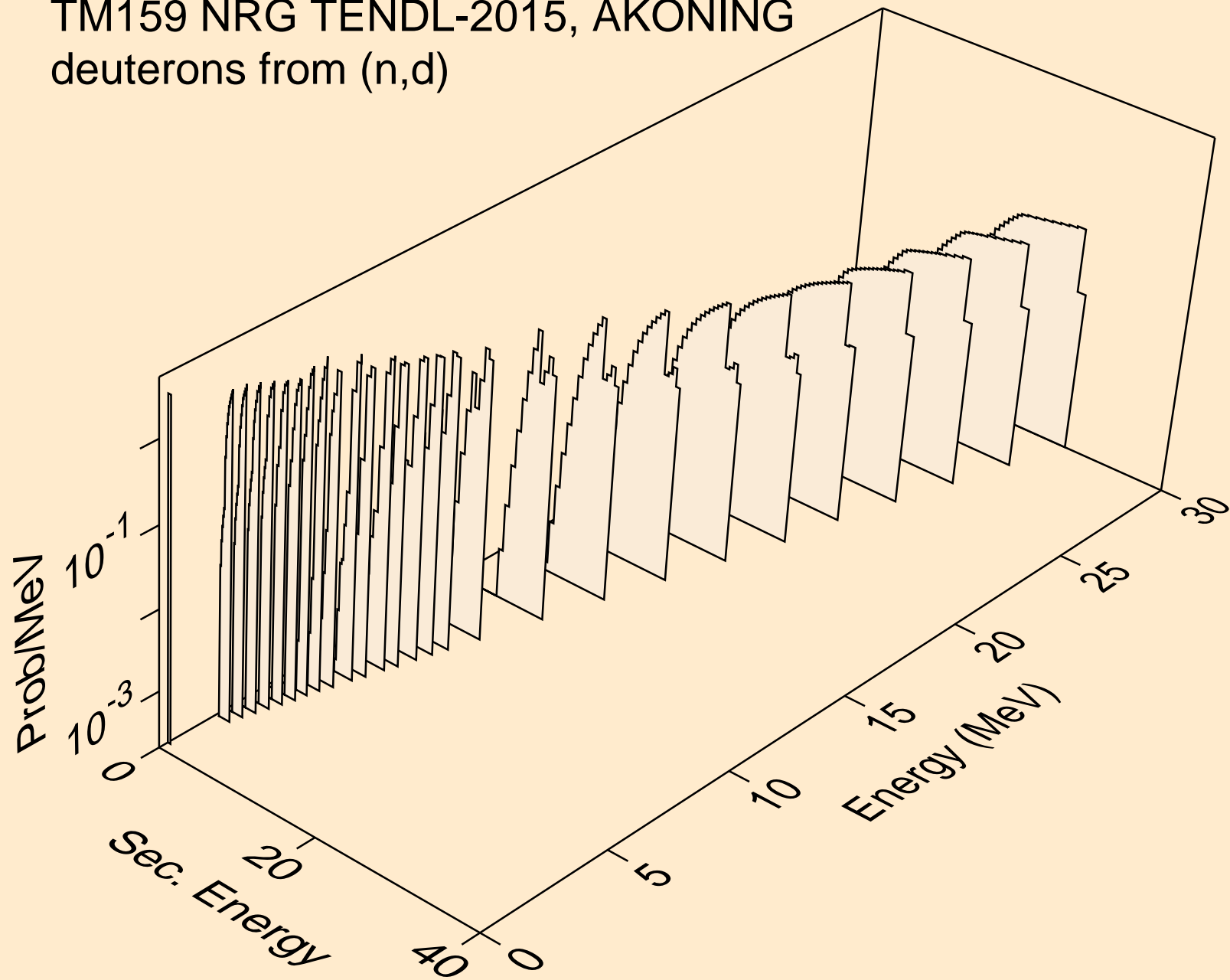
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deuterons from (n,2nd)



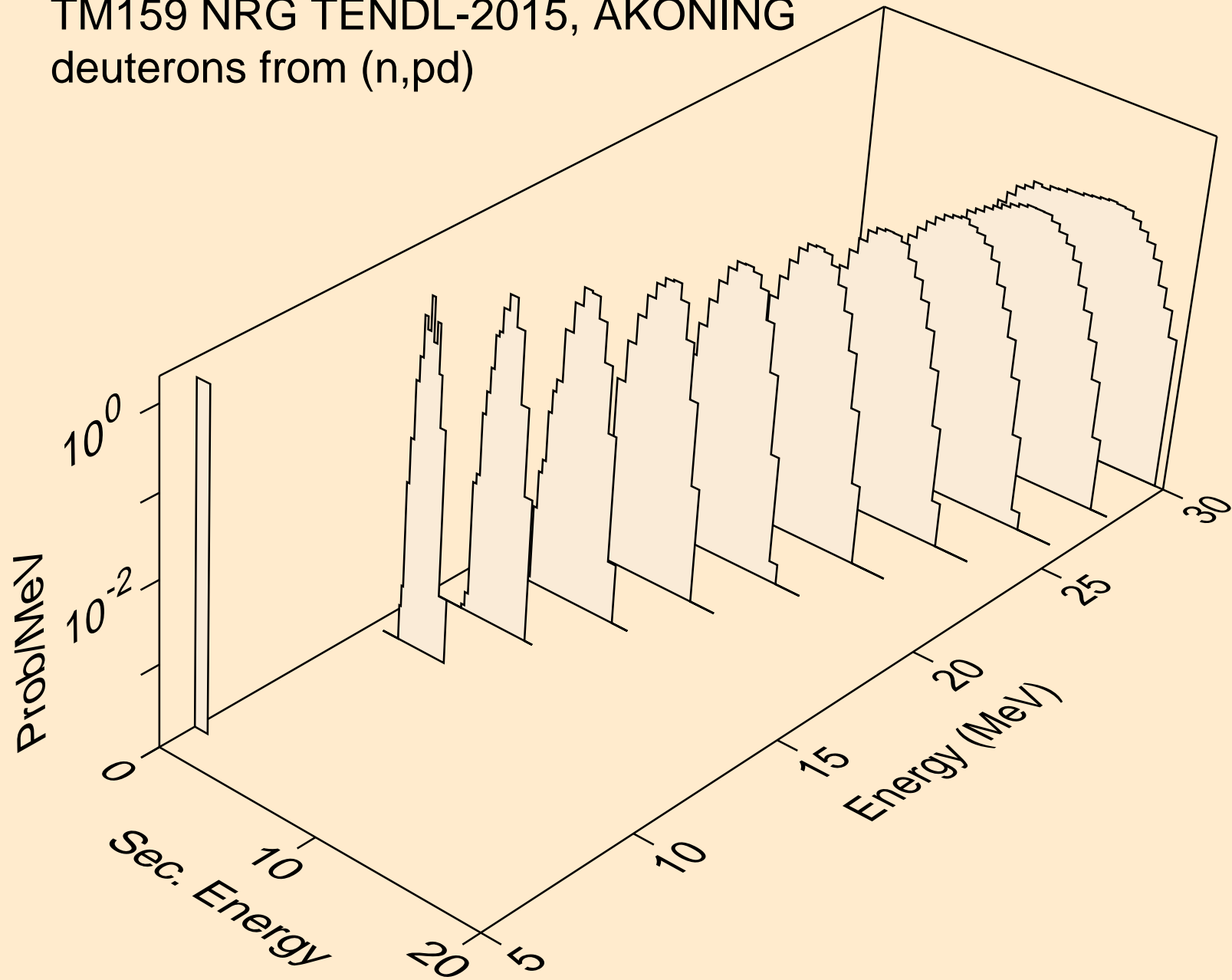
TM159 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



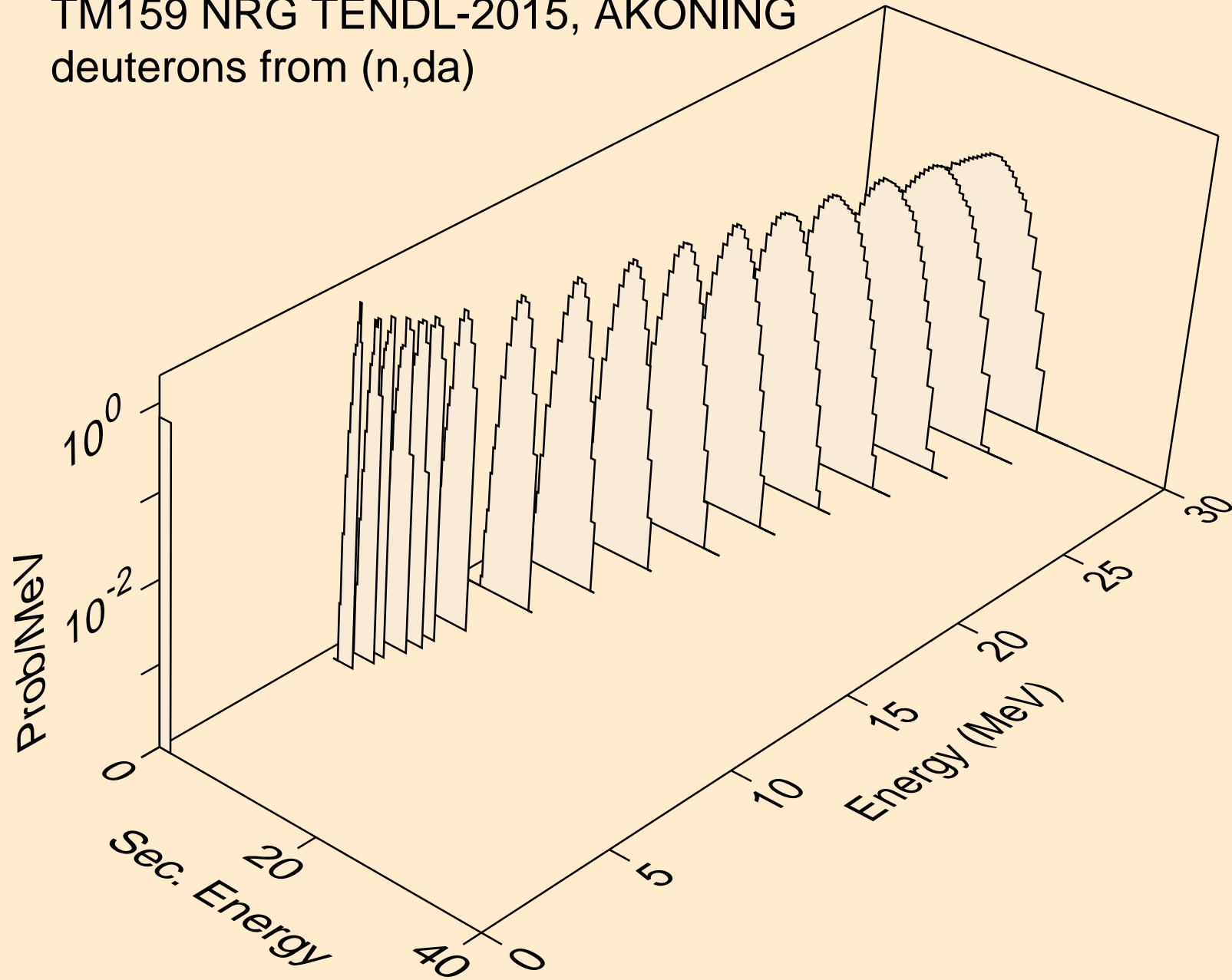
TM159 NRG TENDL-2015, AKONING  
deuterons from (n,d)



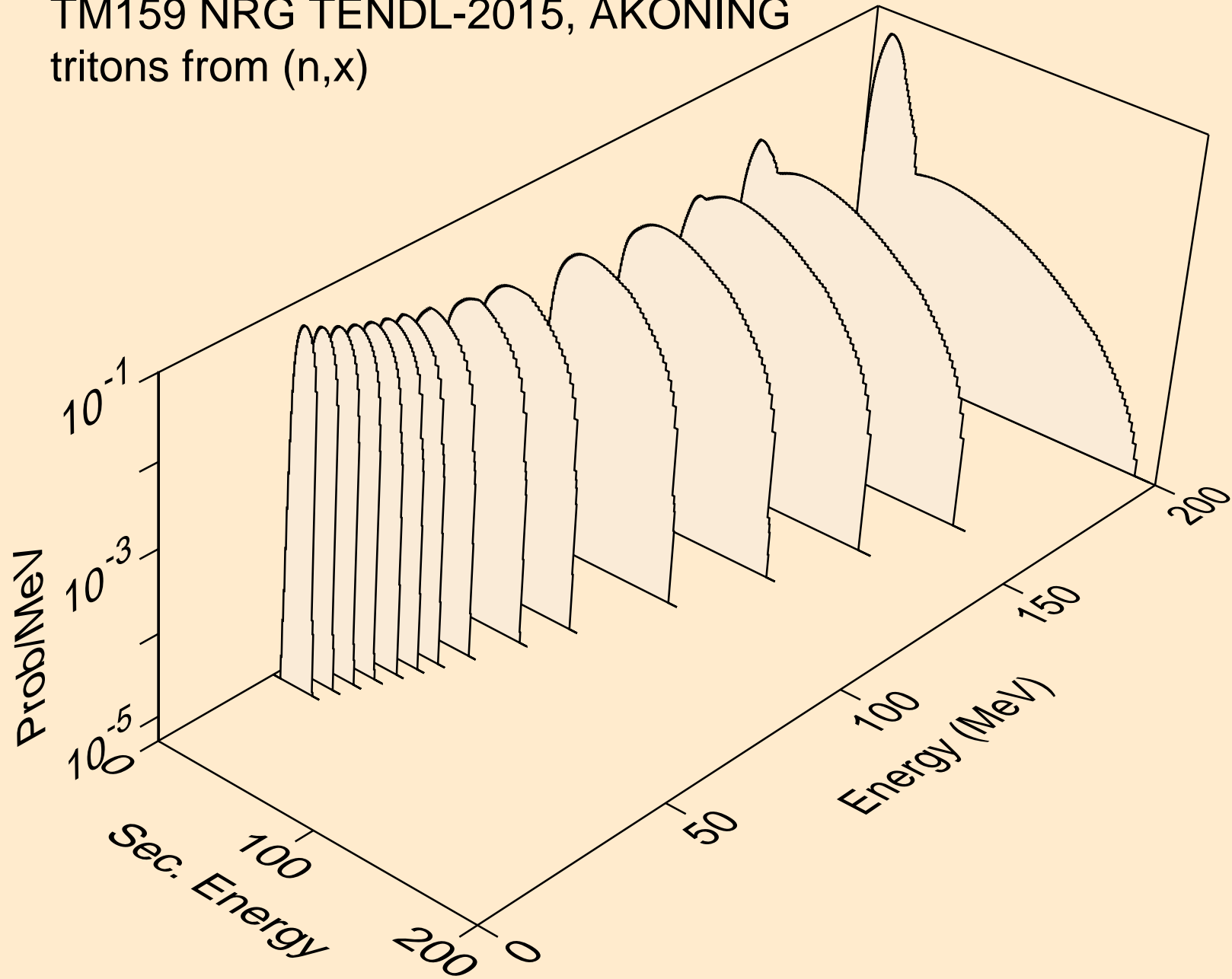
TM159 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



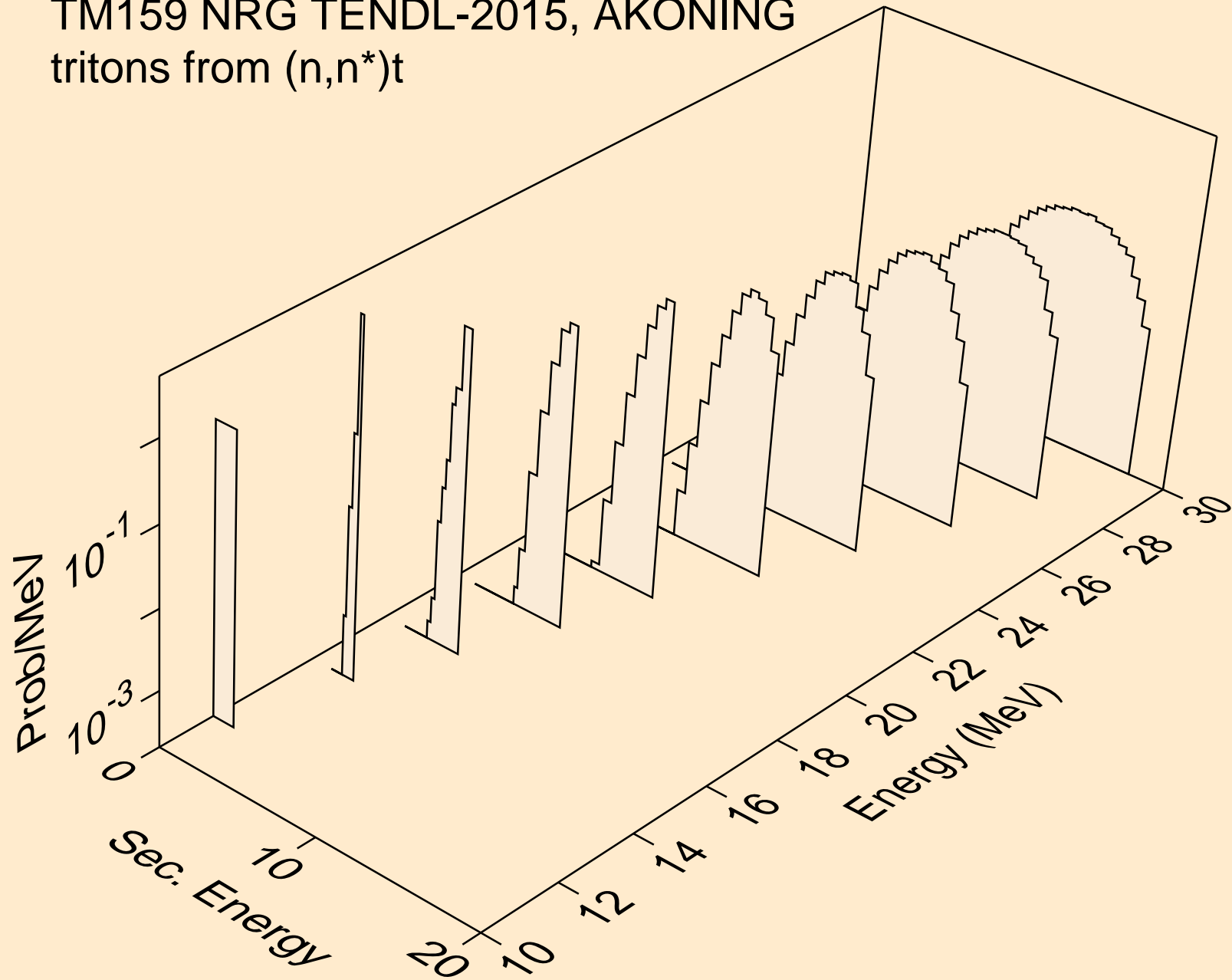
TM159 NRG TENDL-2015, AKONING  
deuterons from (n,da)



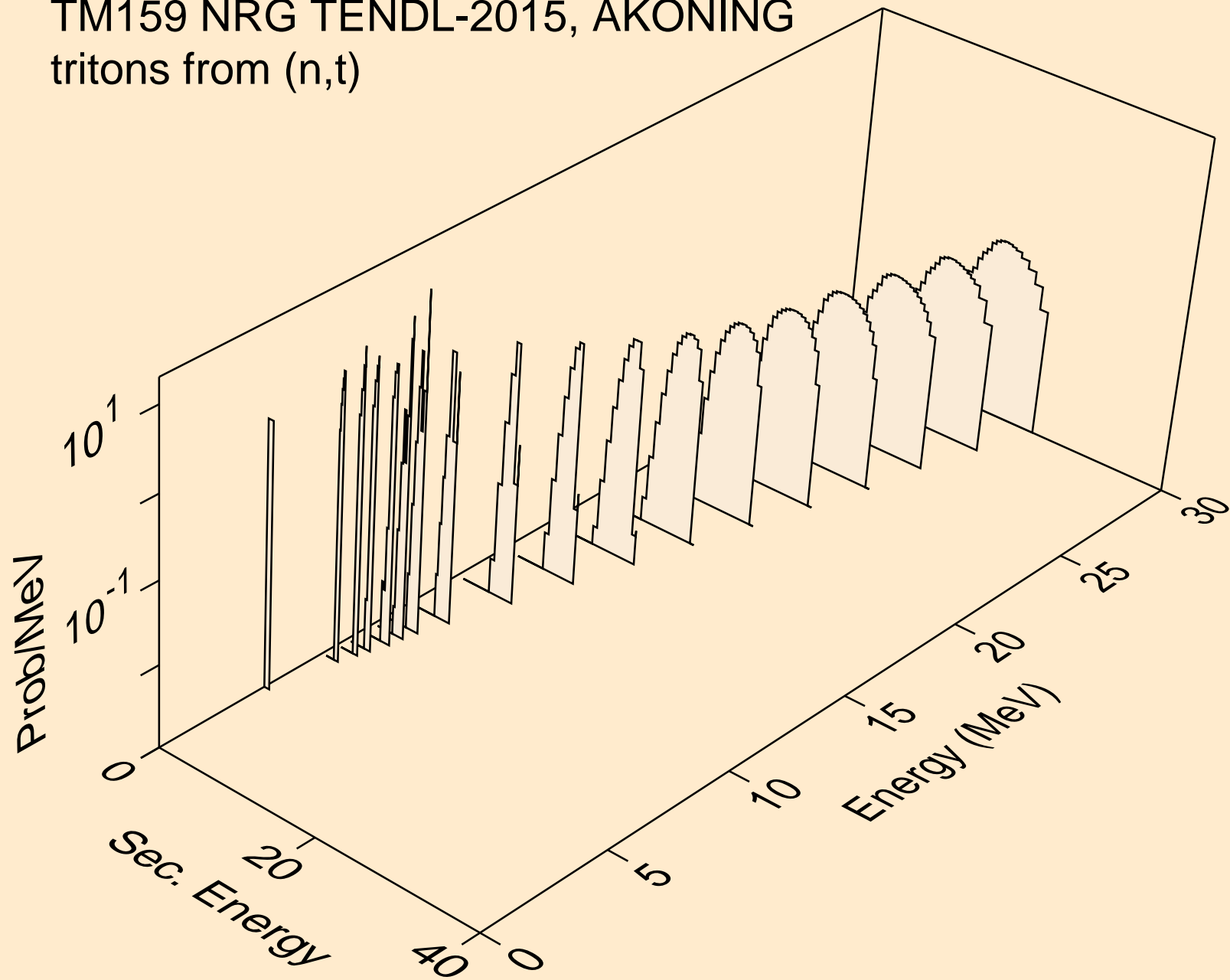
TM159 NRG TENDL-2015, AKONING  
tritons from (n,x)



TM159 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

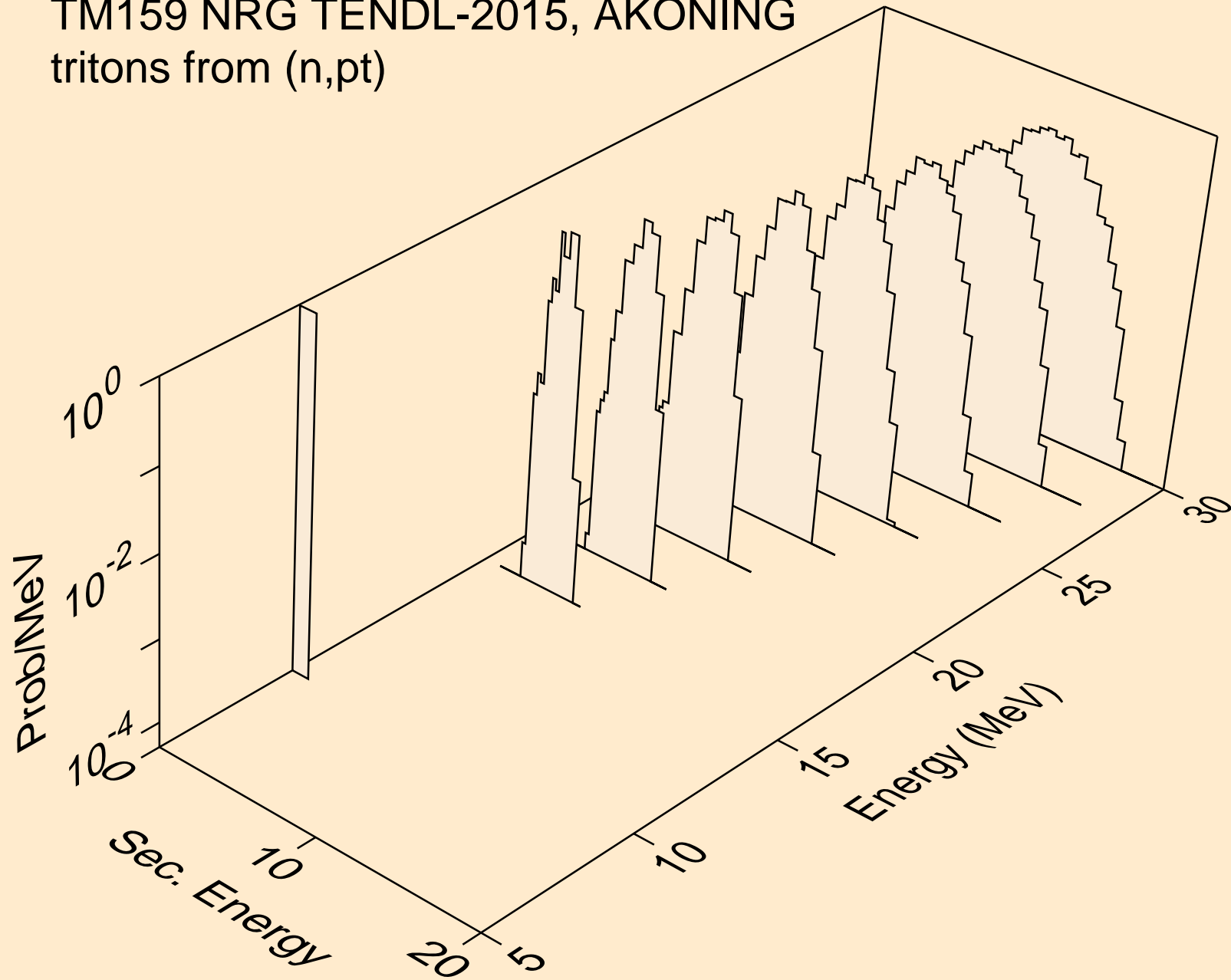


TM159 NRG TENDL-2015, AKONING  
tritons from (n,t)

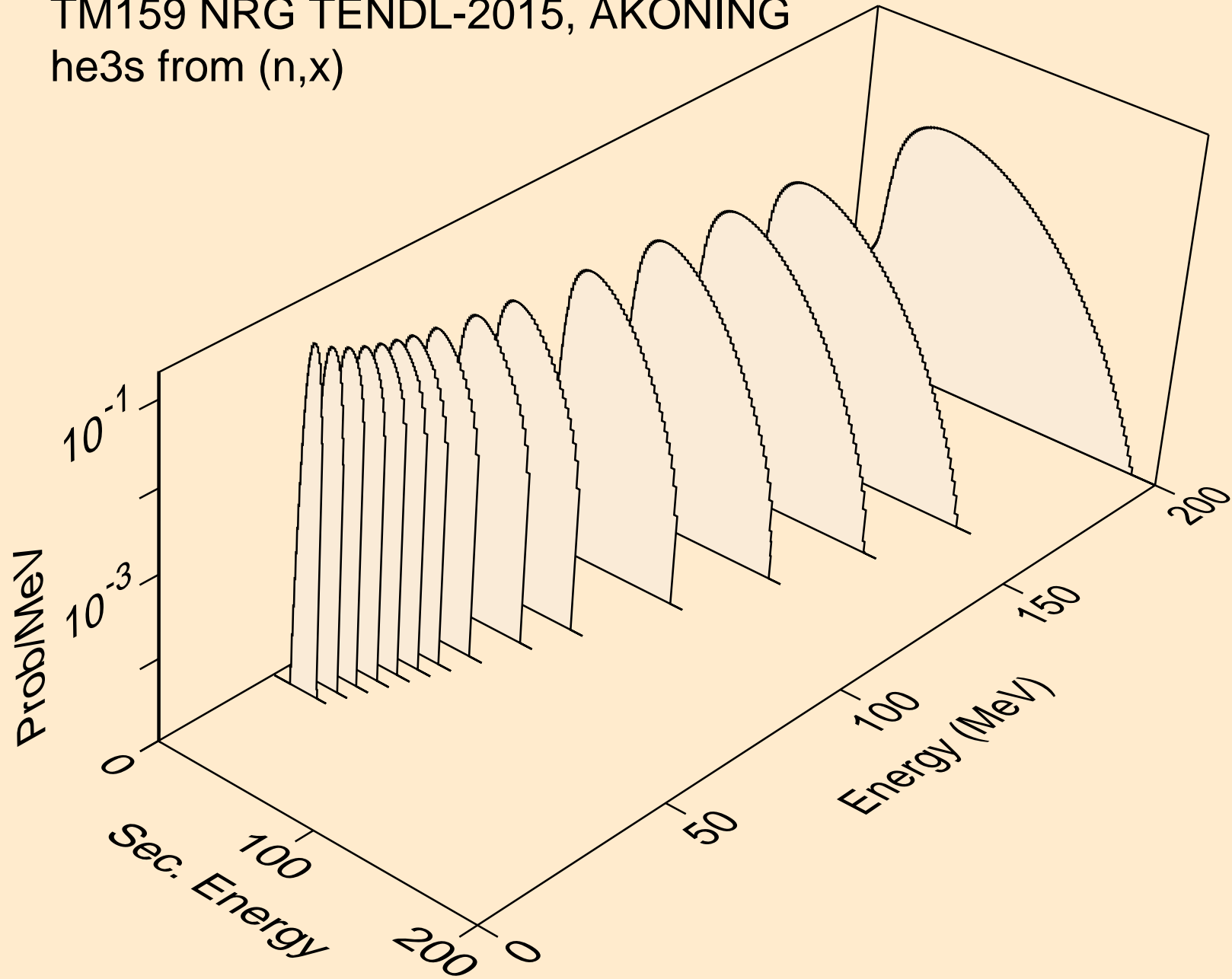




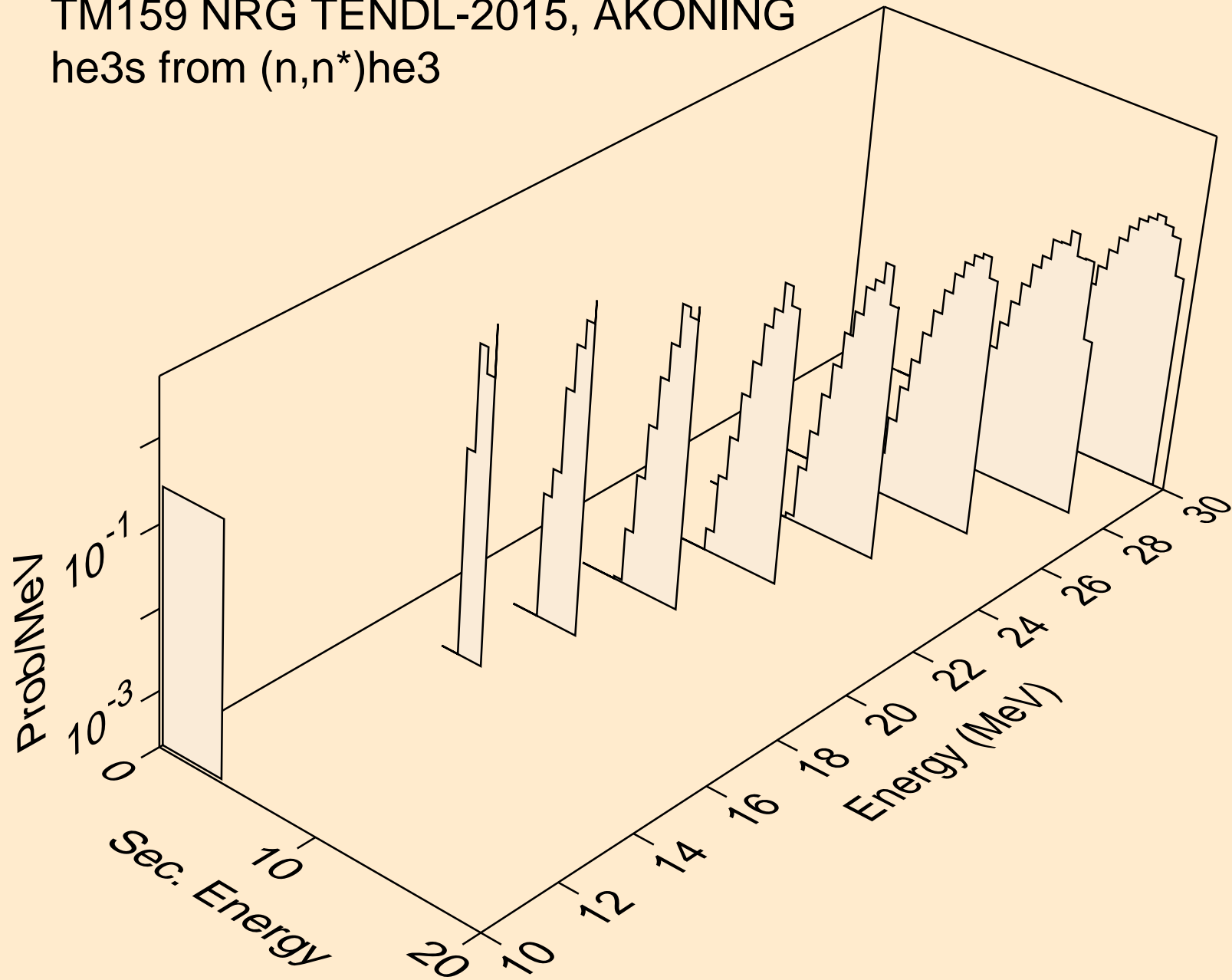
TM159 NRG TENDL-2015, AKONING  
tritons from (n,pt)



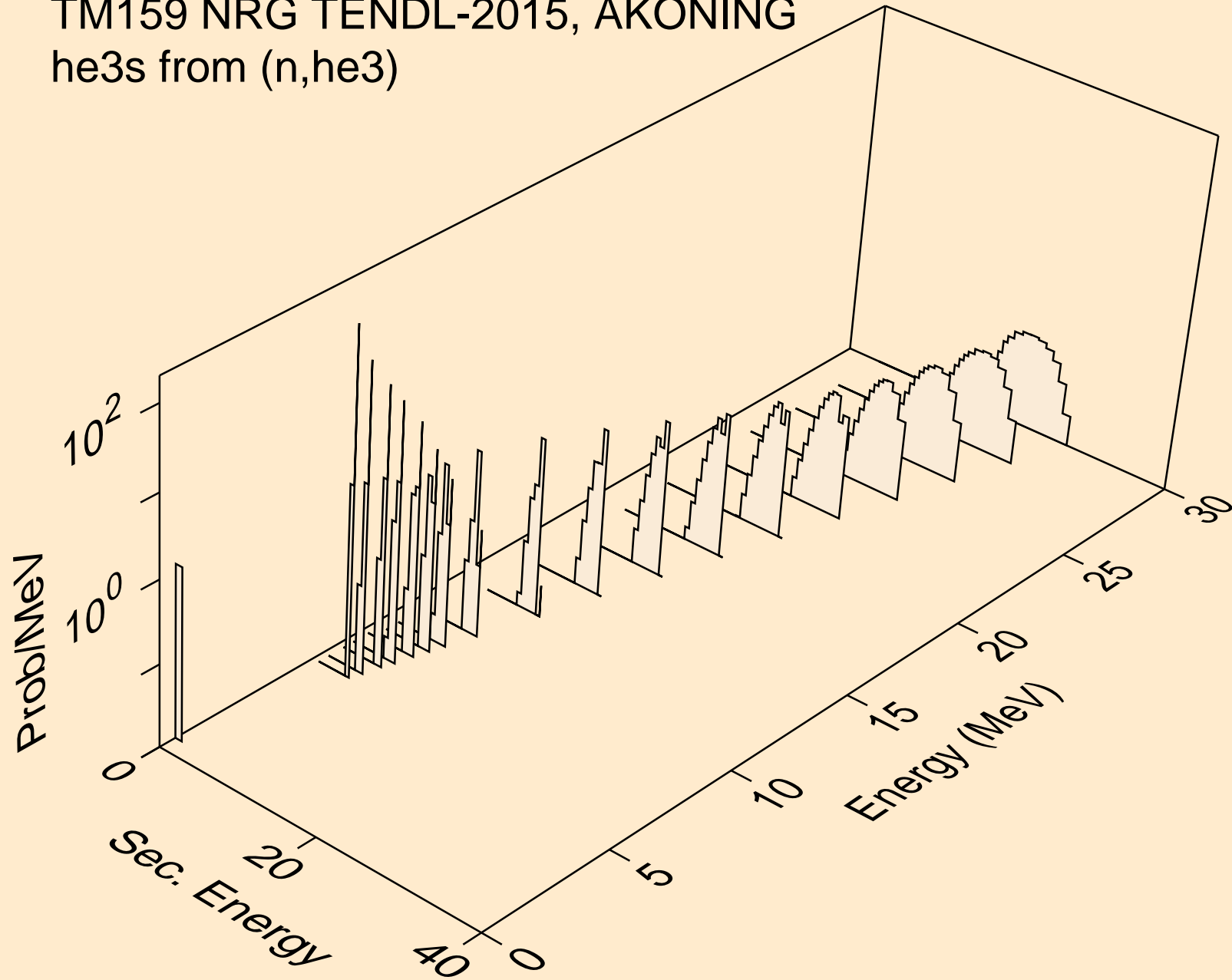
TM159 NRG TENDL-2015, AKONING  
he3s from (n,x)



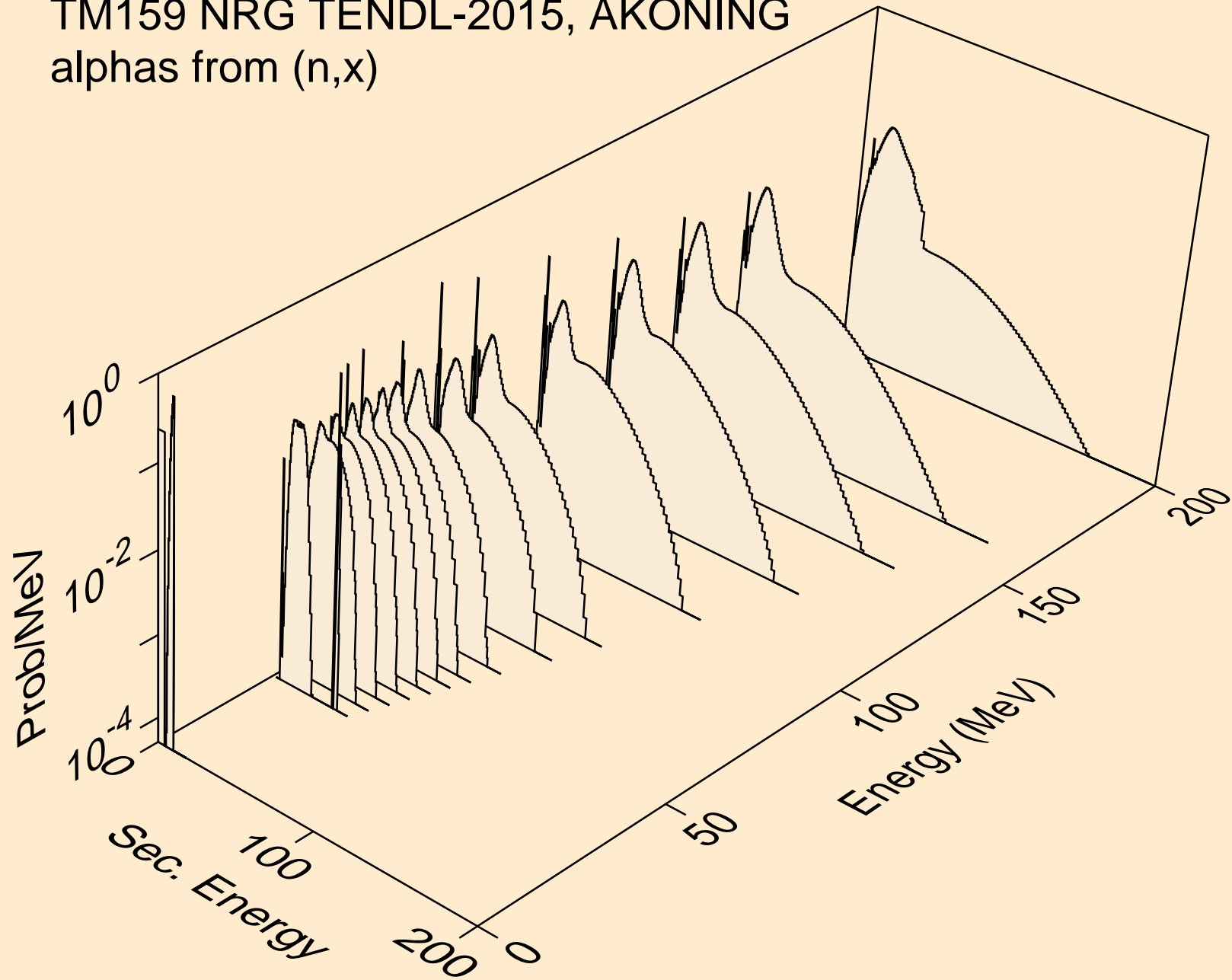
TM159 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



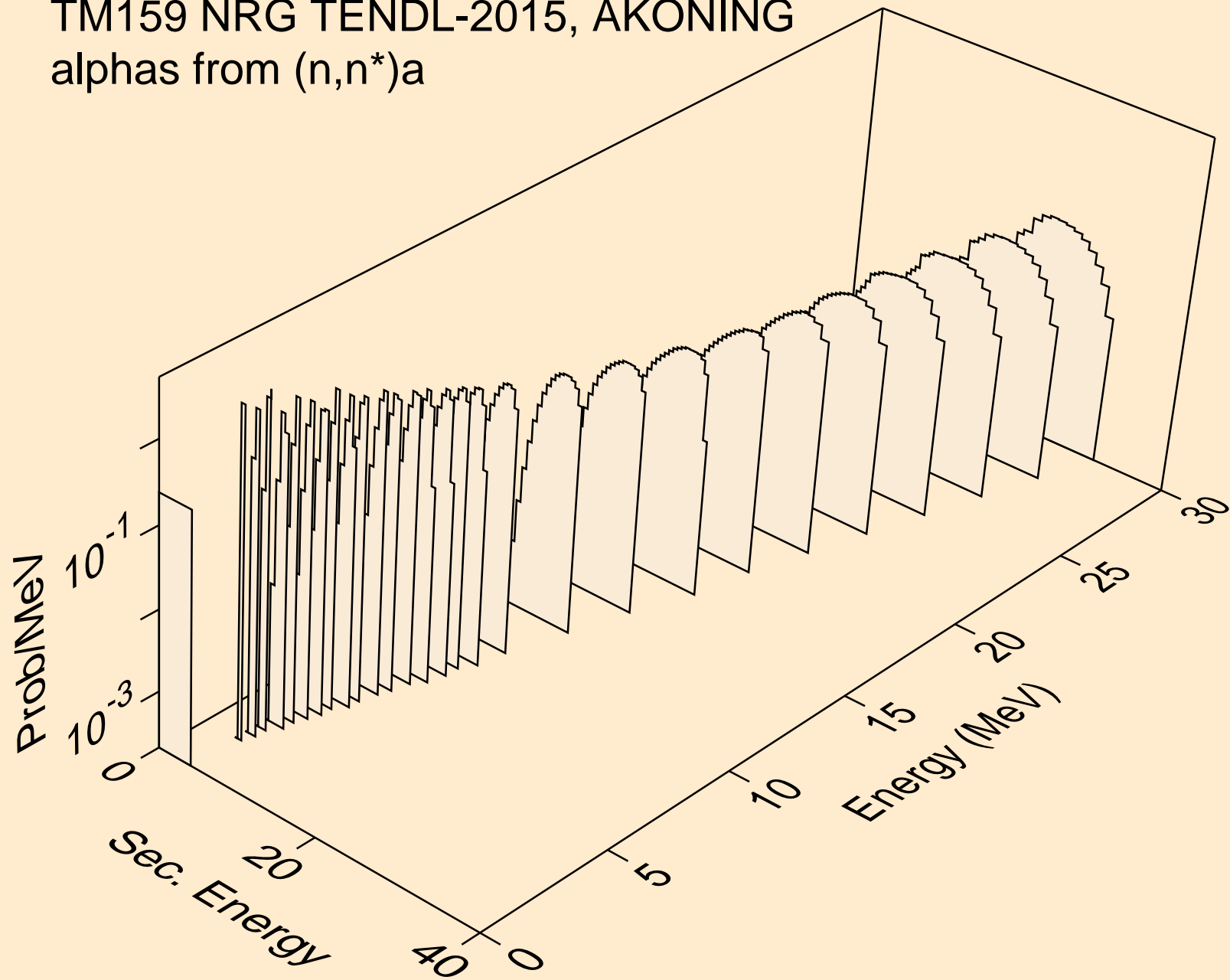
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he3s from (n,he3)



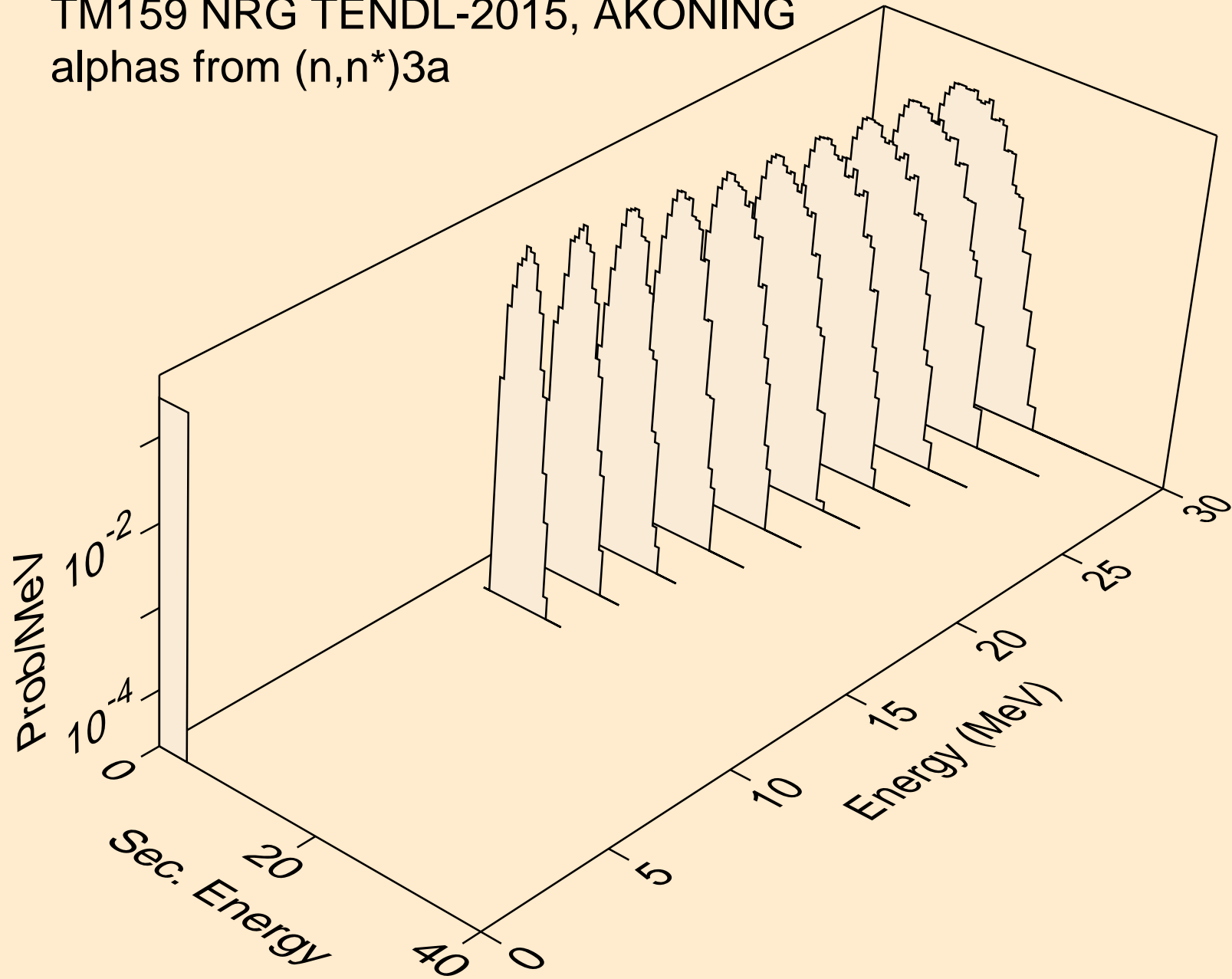
TM159 NRG TENDL-2015, AKONING  
alphas from (n,x)



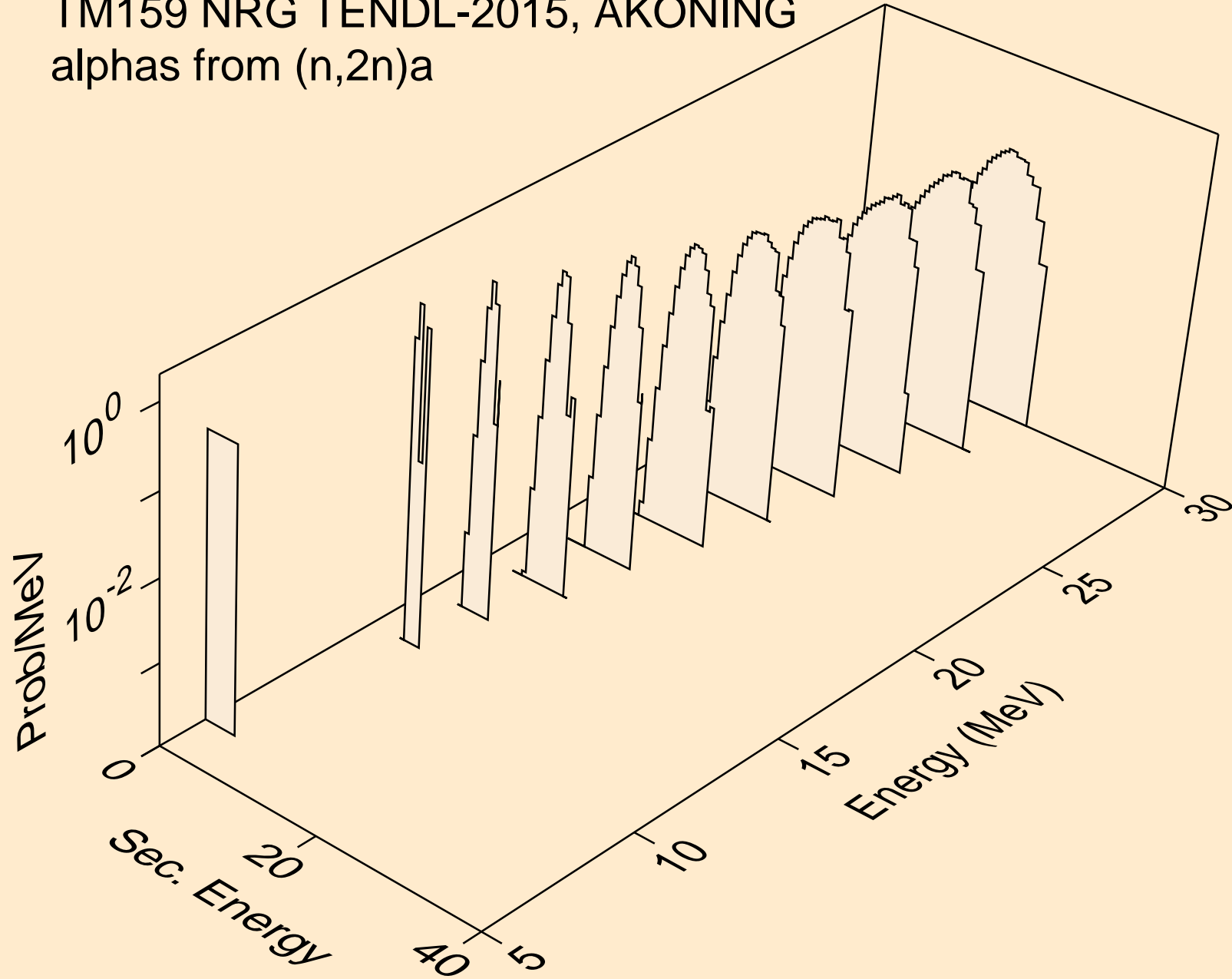
TM159 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TM159 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

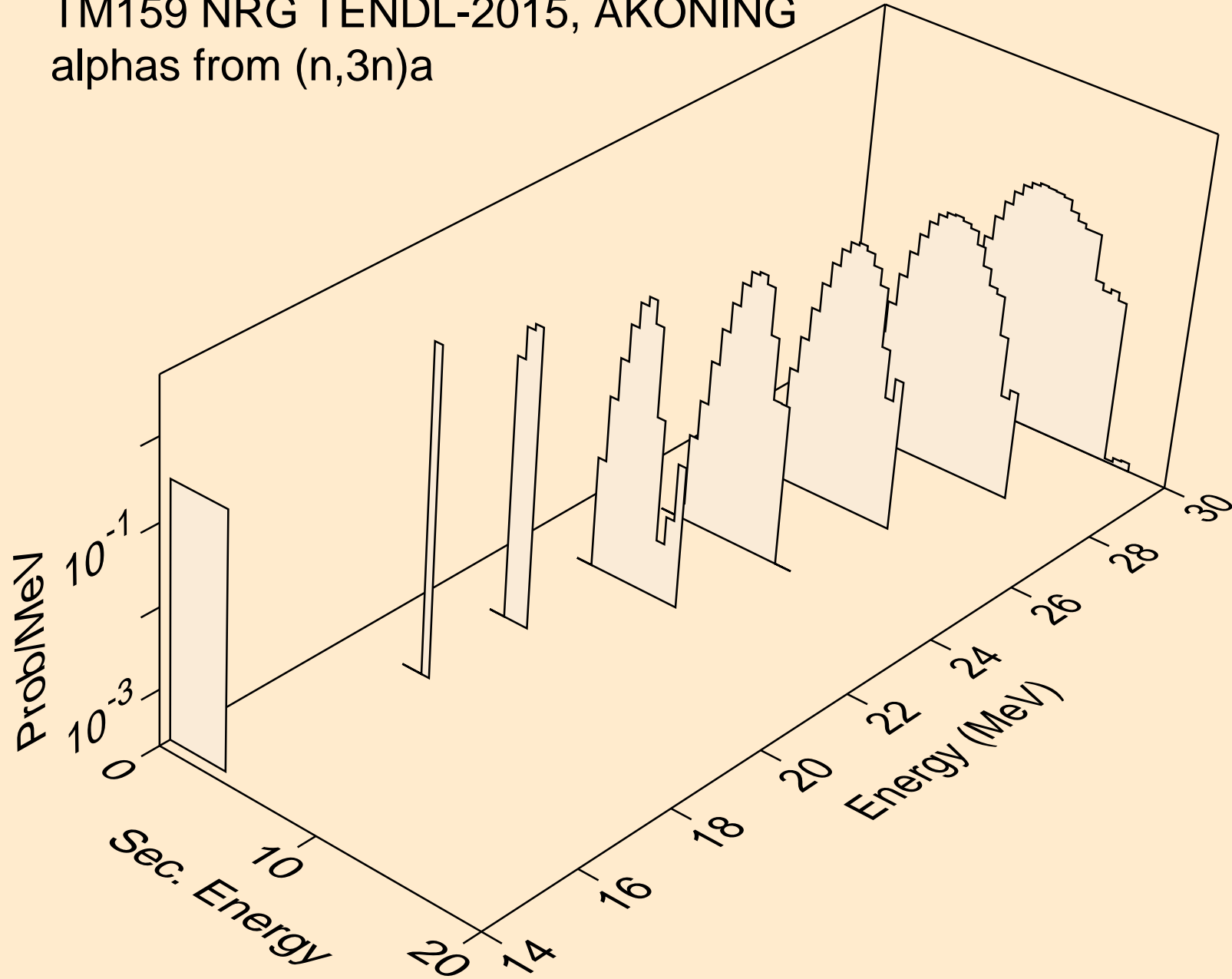


TM159 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

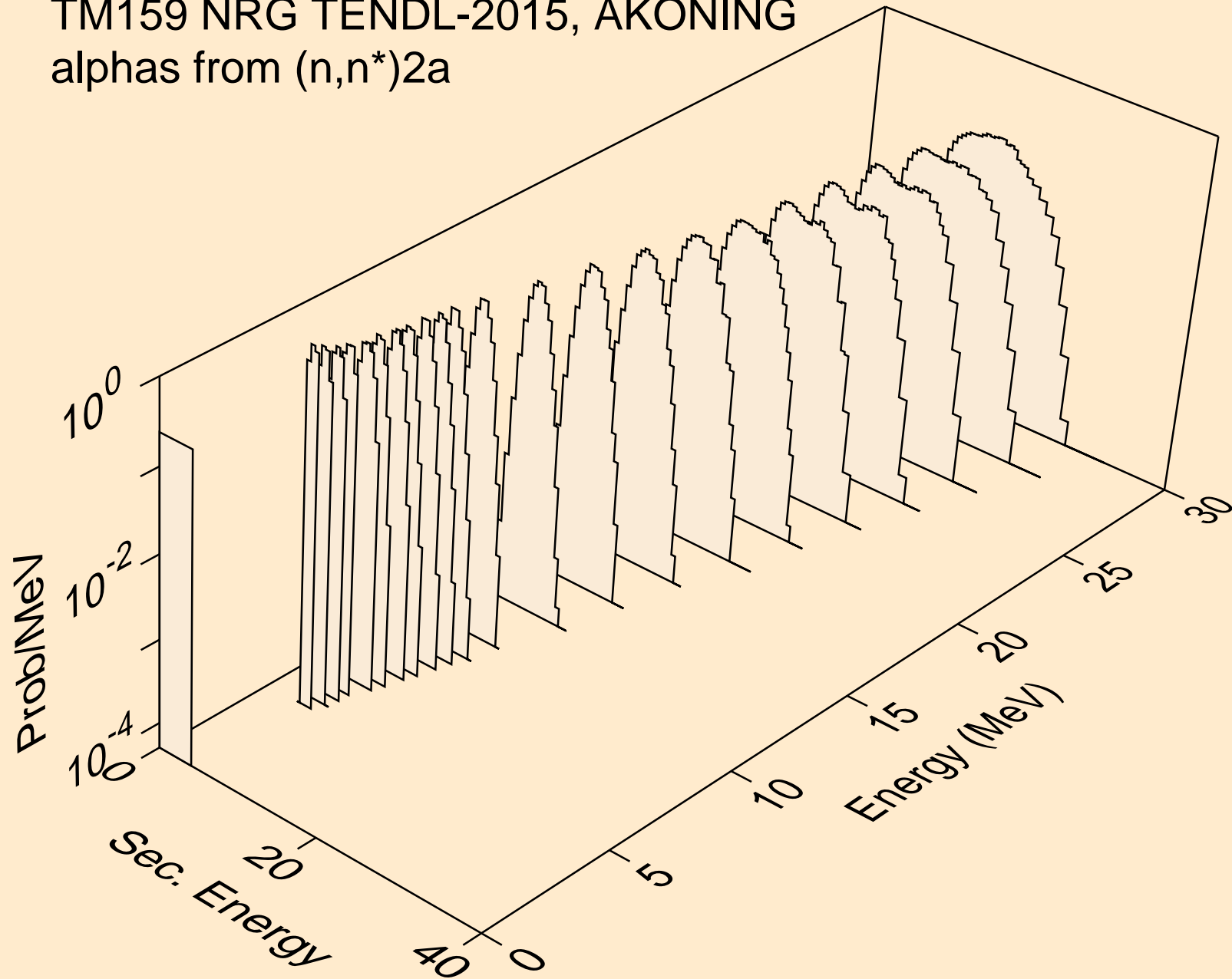




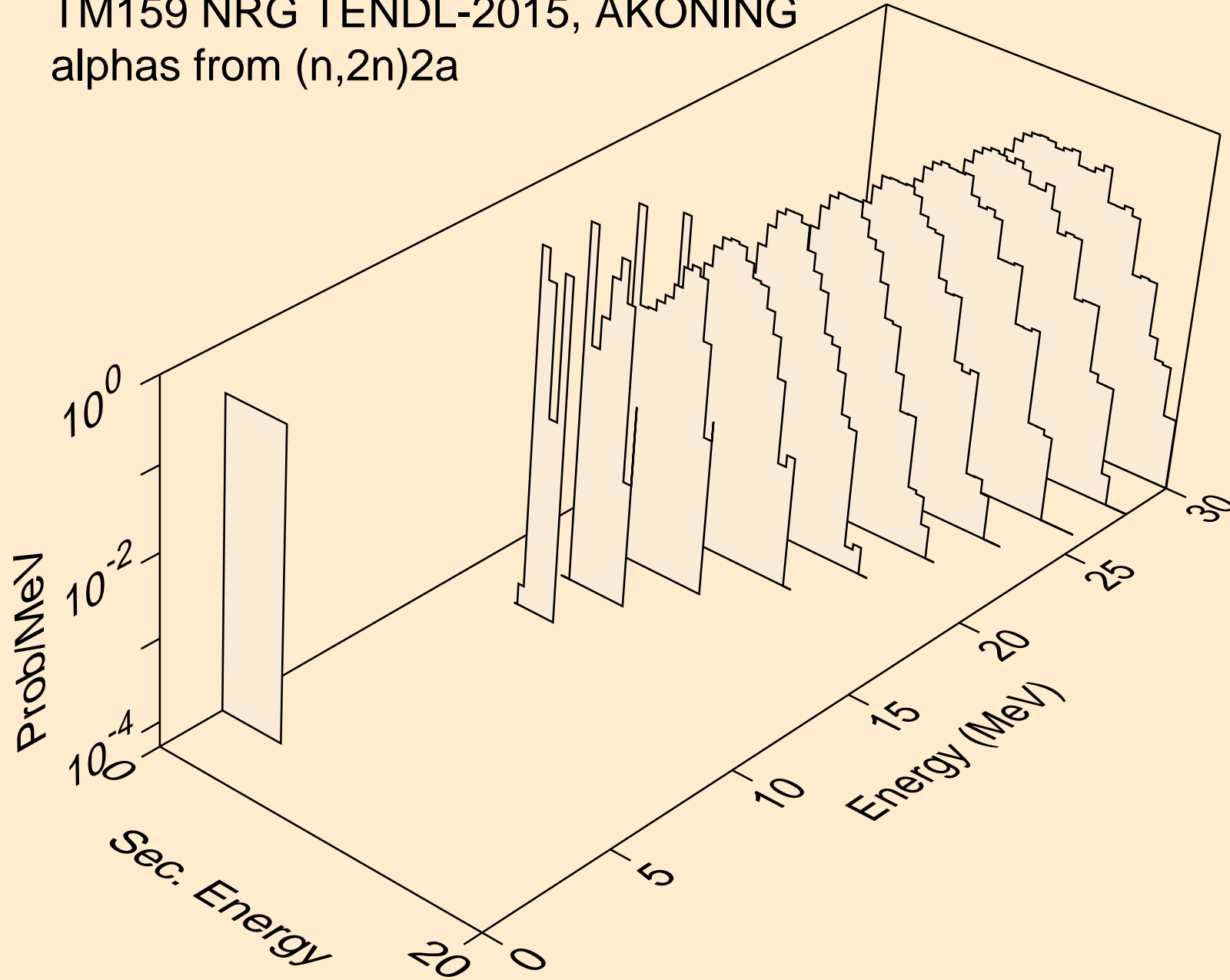
TM159 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



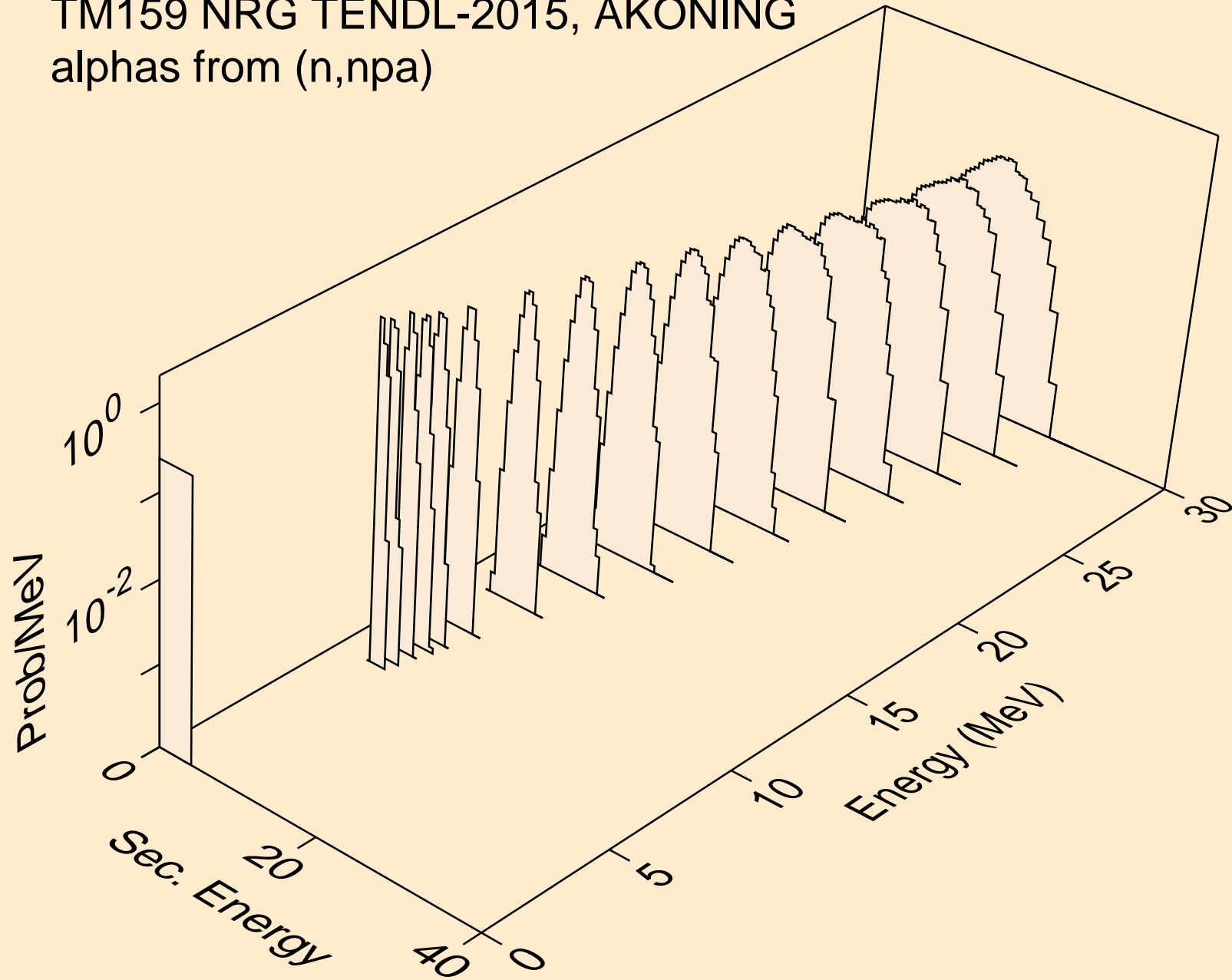
TM159 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



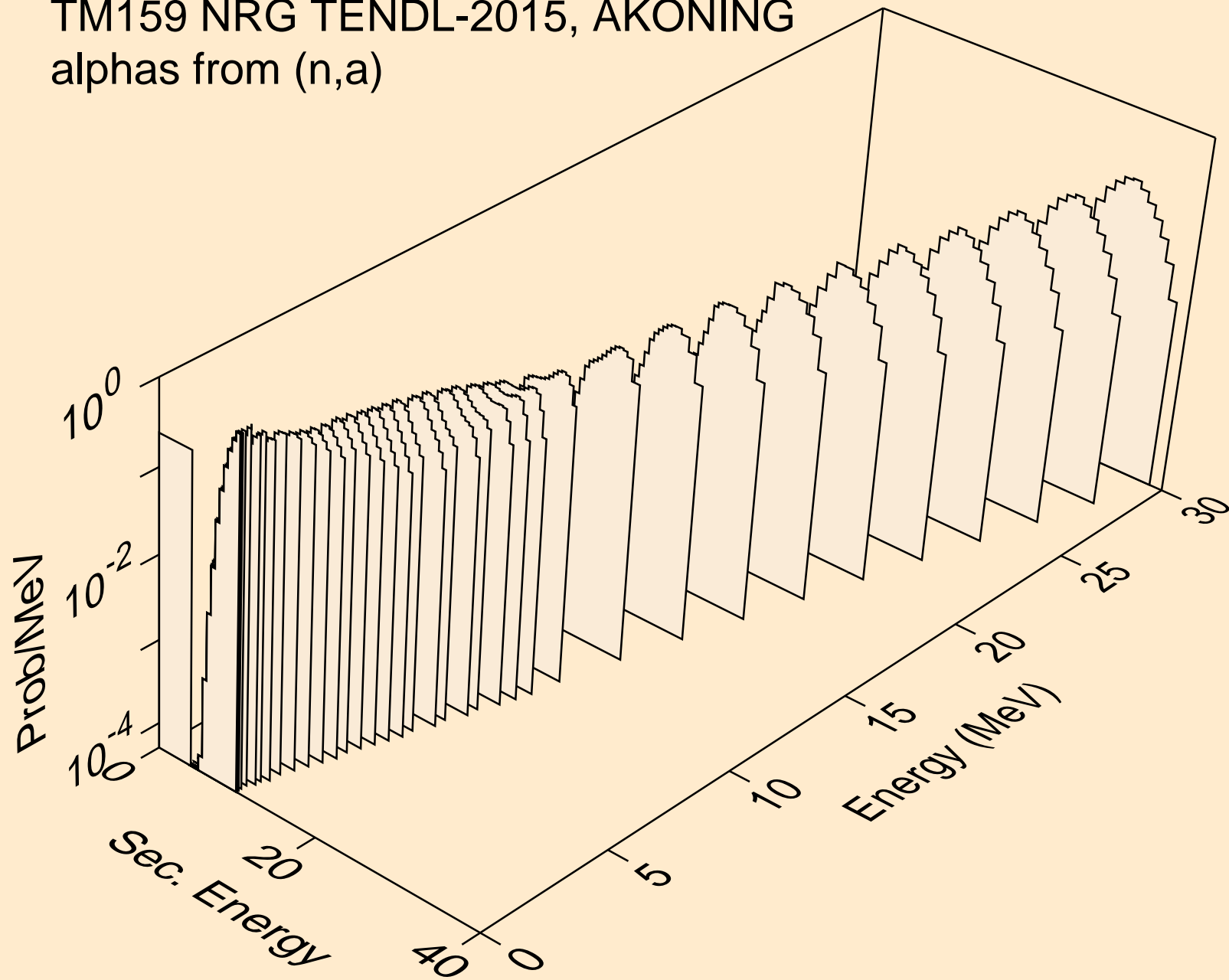
TM159 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



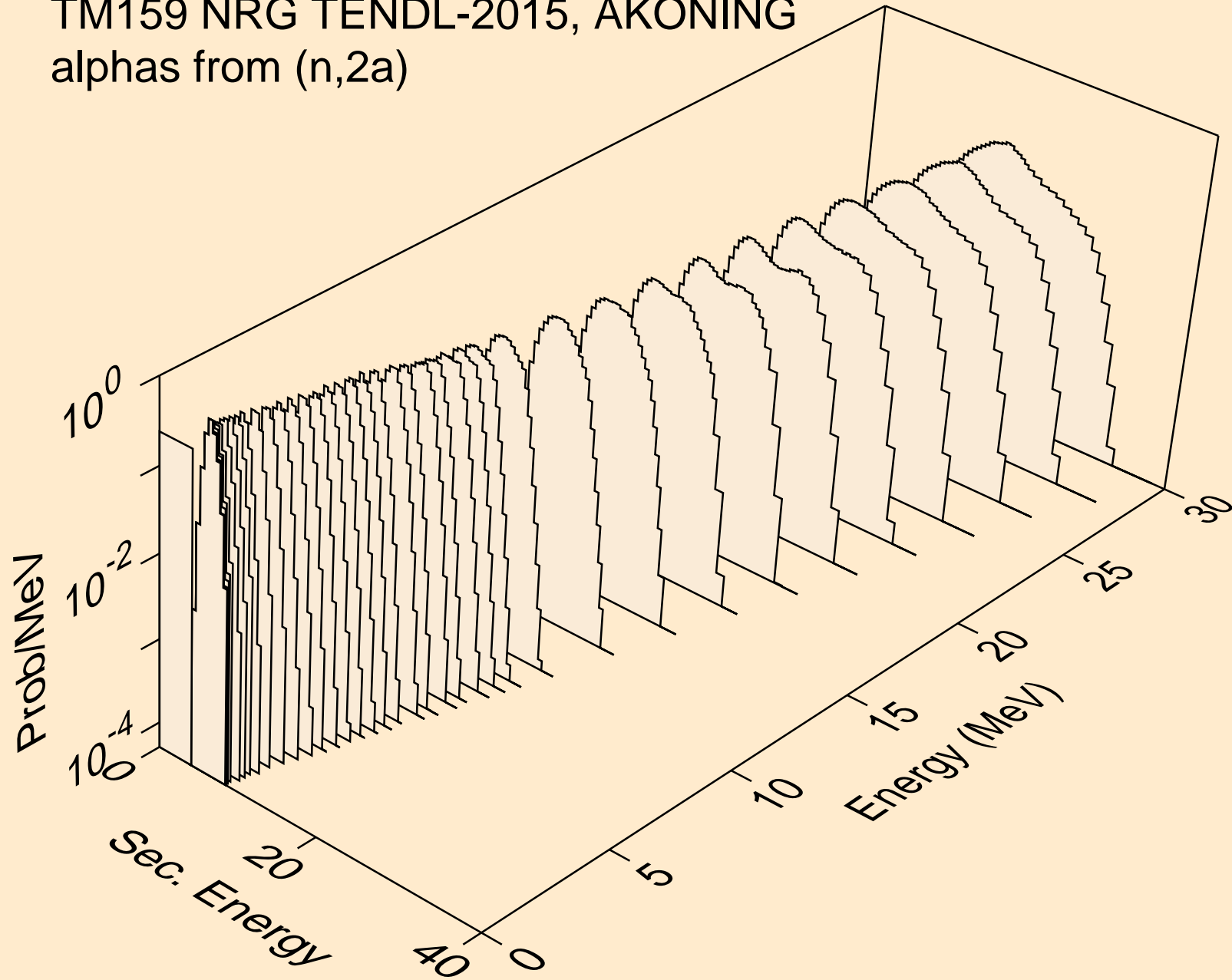
TM159 NRG TENDL-2015, AKONING  
alphas from (n,npa)



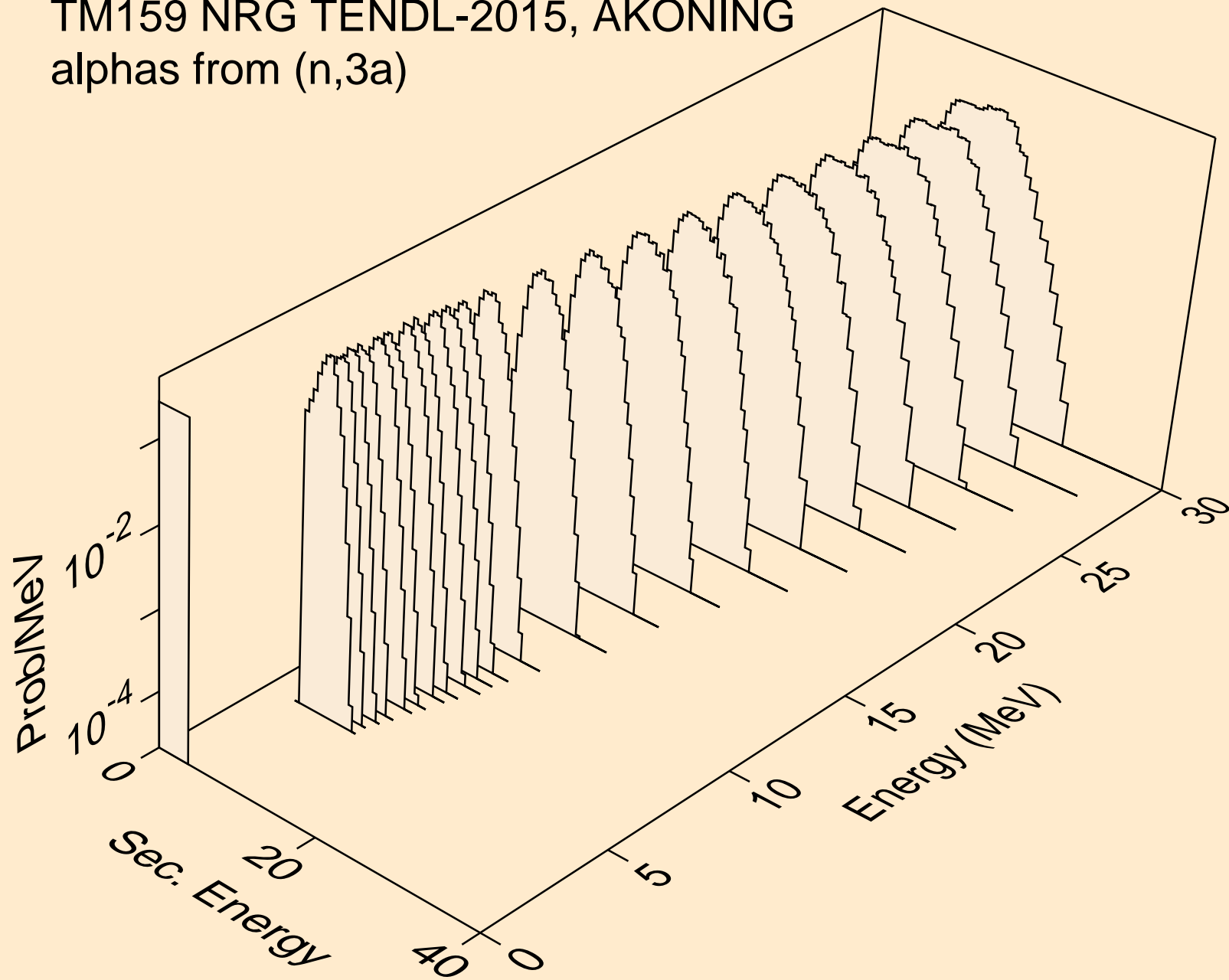
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alphas from (n,a)



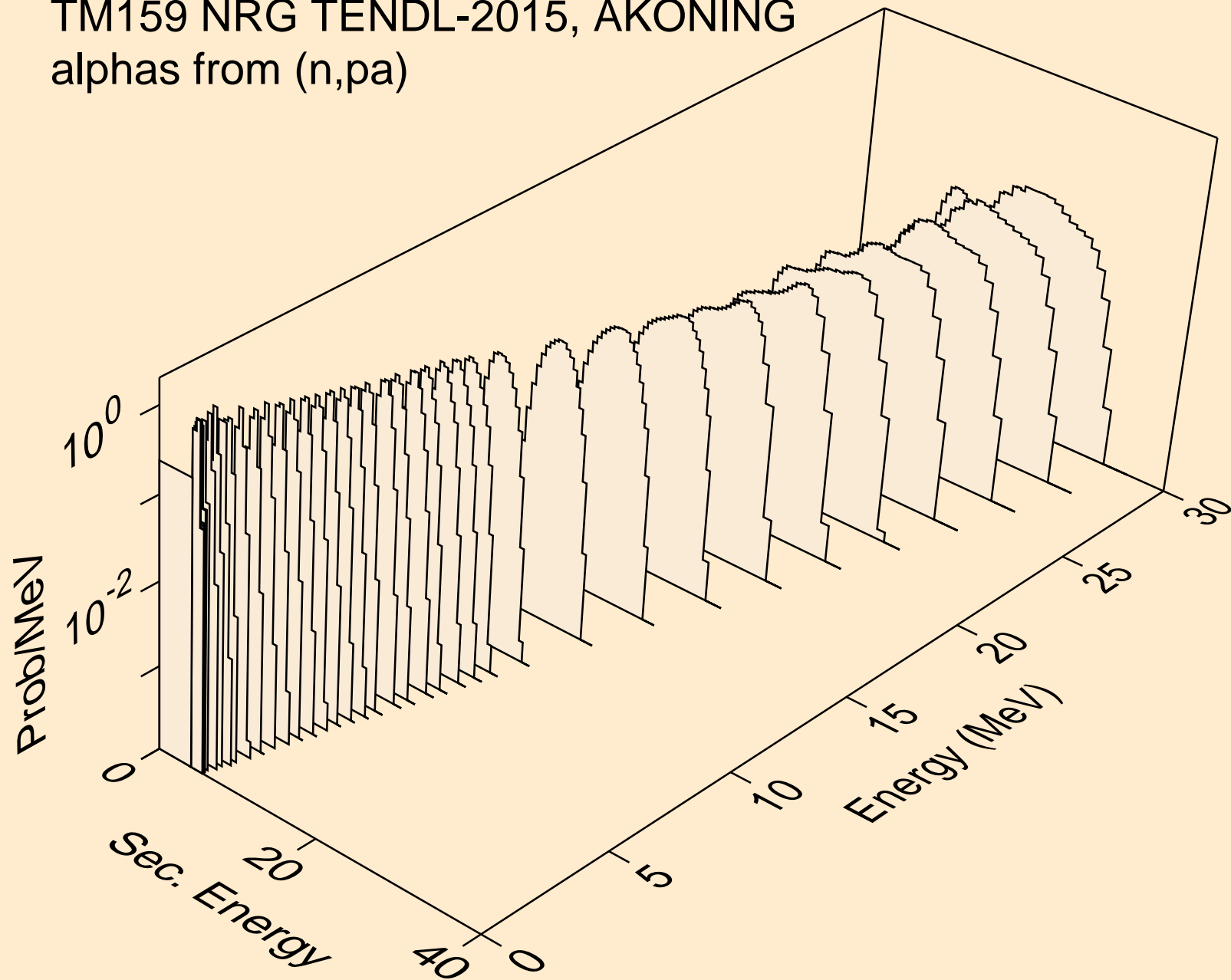
TM159 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TM159 NRG TENDL-2015, AKONING  
alphas from (n,3a)



TM159 NRG TENDL-2015, AKONING  
alphas from (n,pa)





TM159 NRG TENDL-2015, AKONING  
alphas from (n,da)

