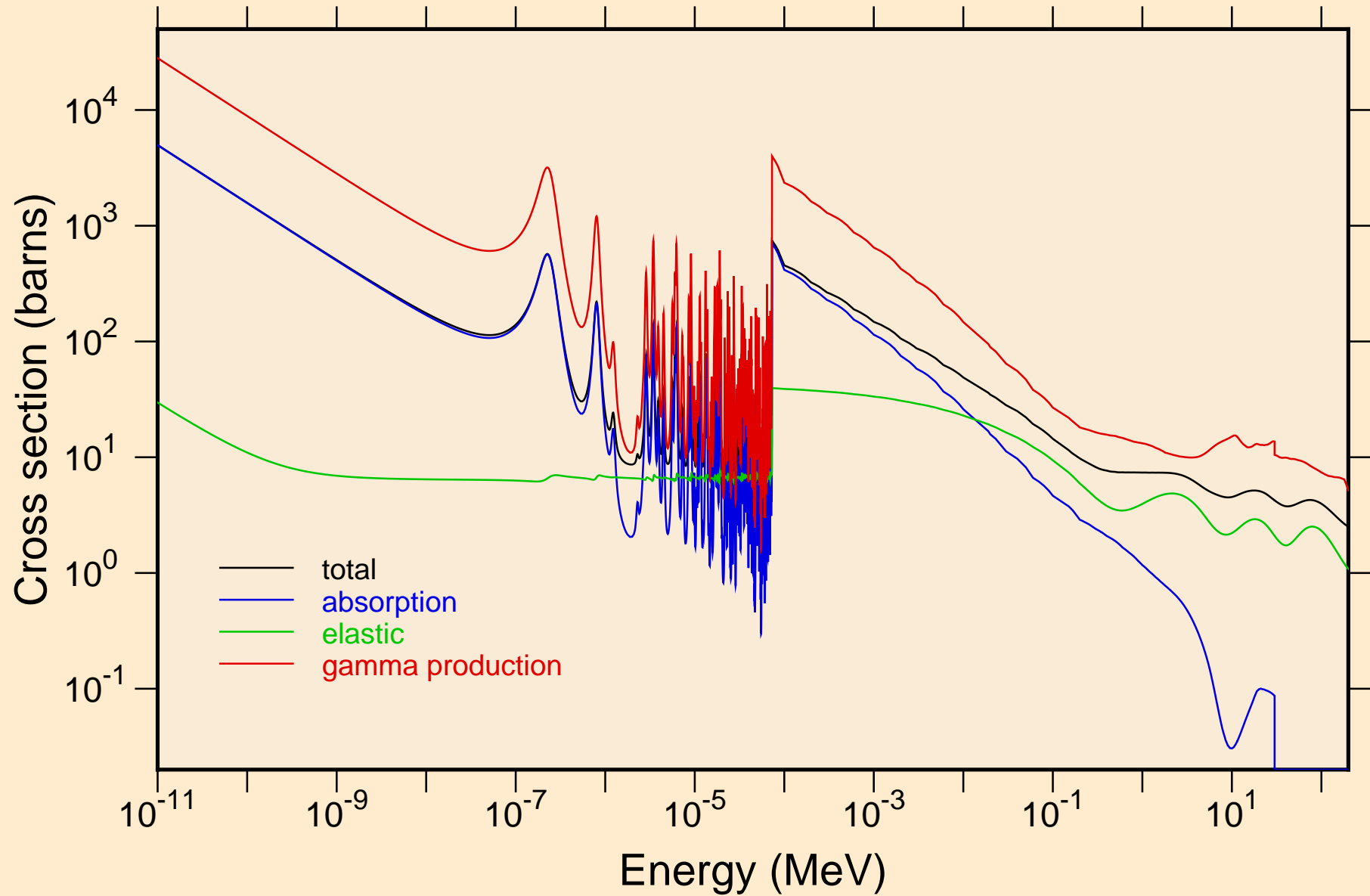
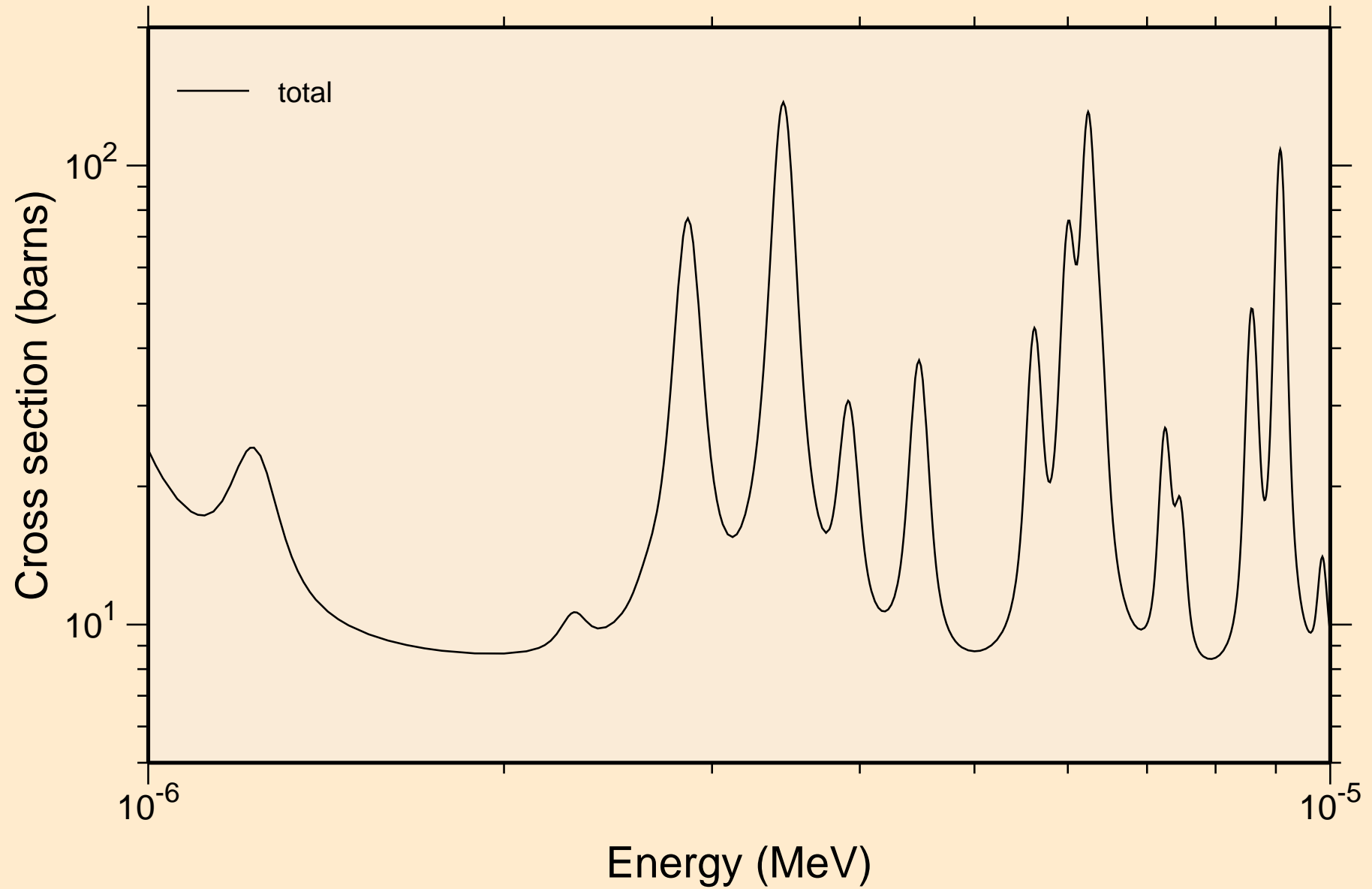


# TM161 NRG TENDL-2015, AKONING

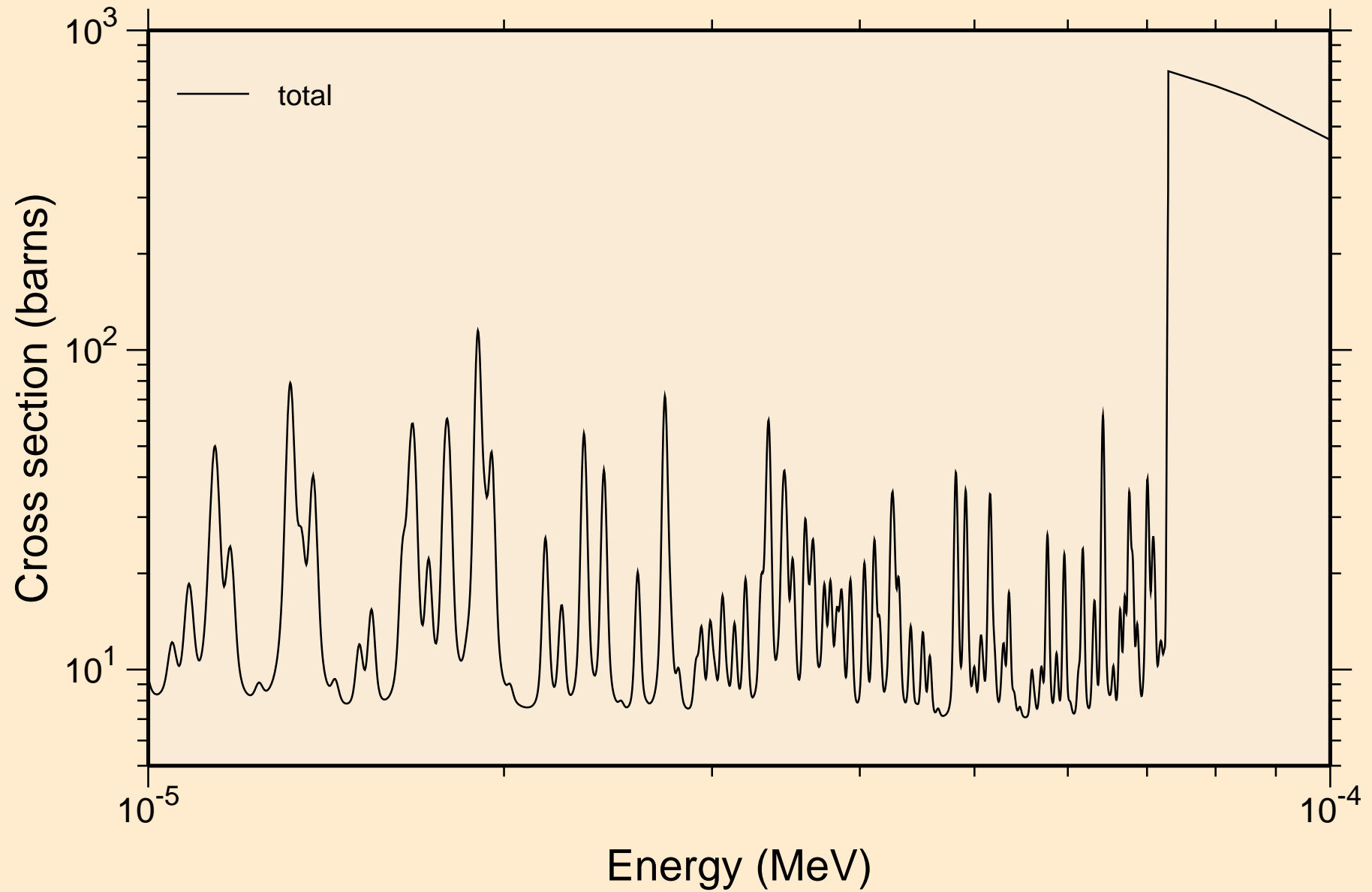
## Principal cross sections



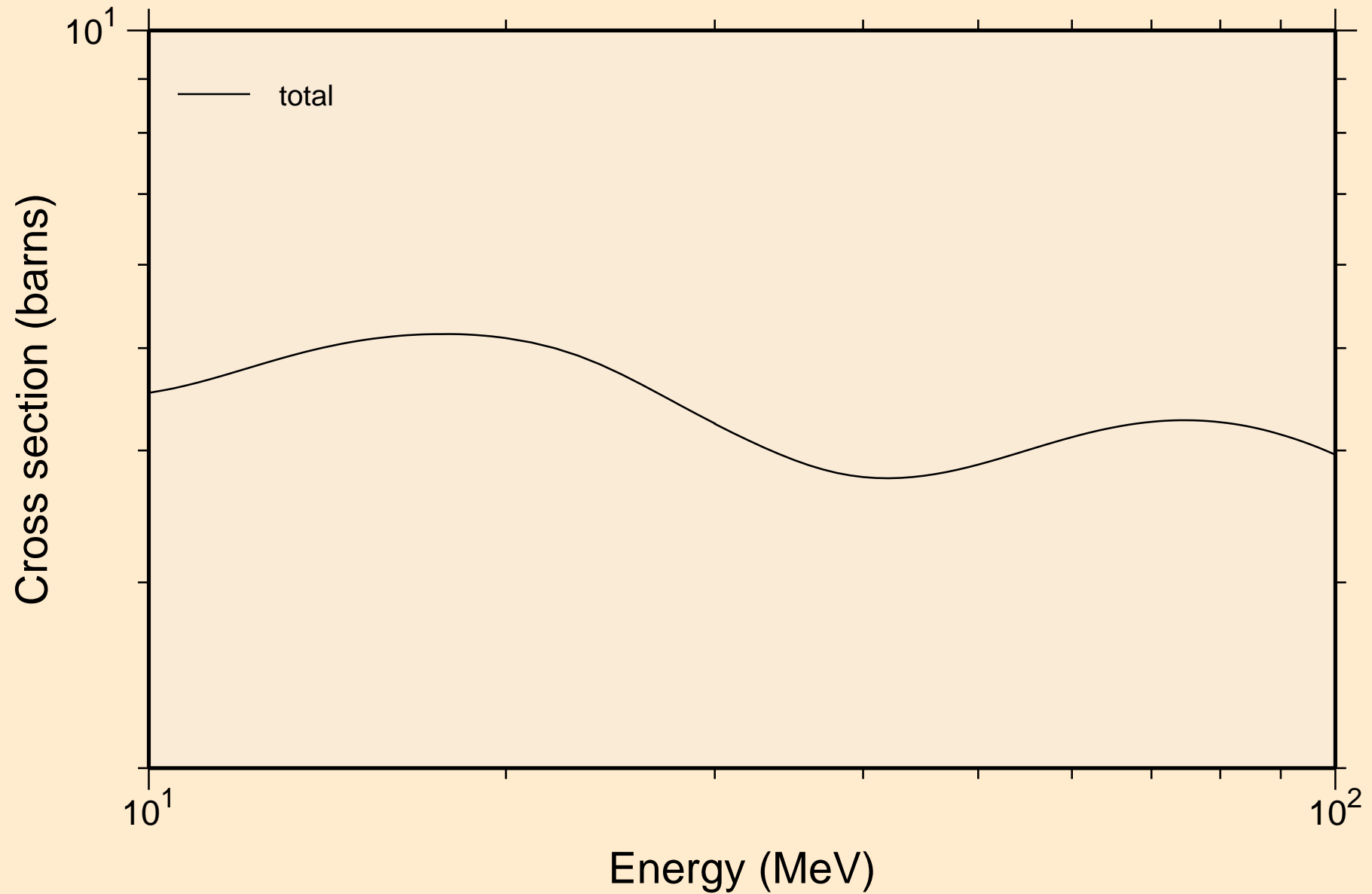
TM161 NRG TENDL-2015, AKONING  
resonance total cross section



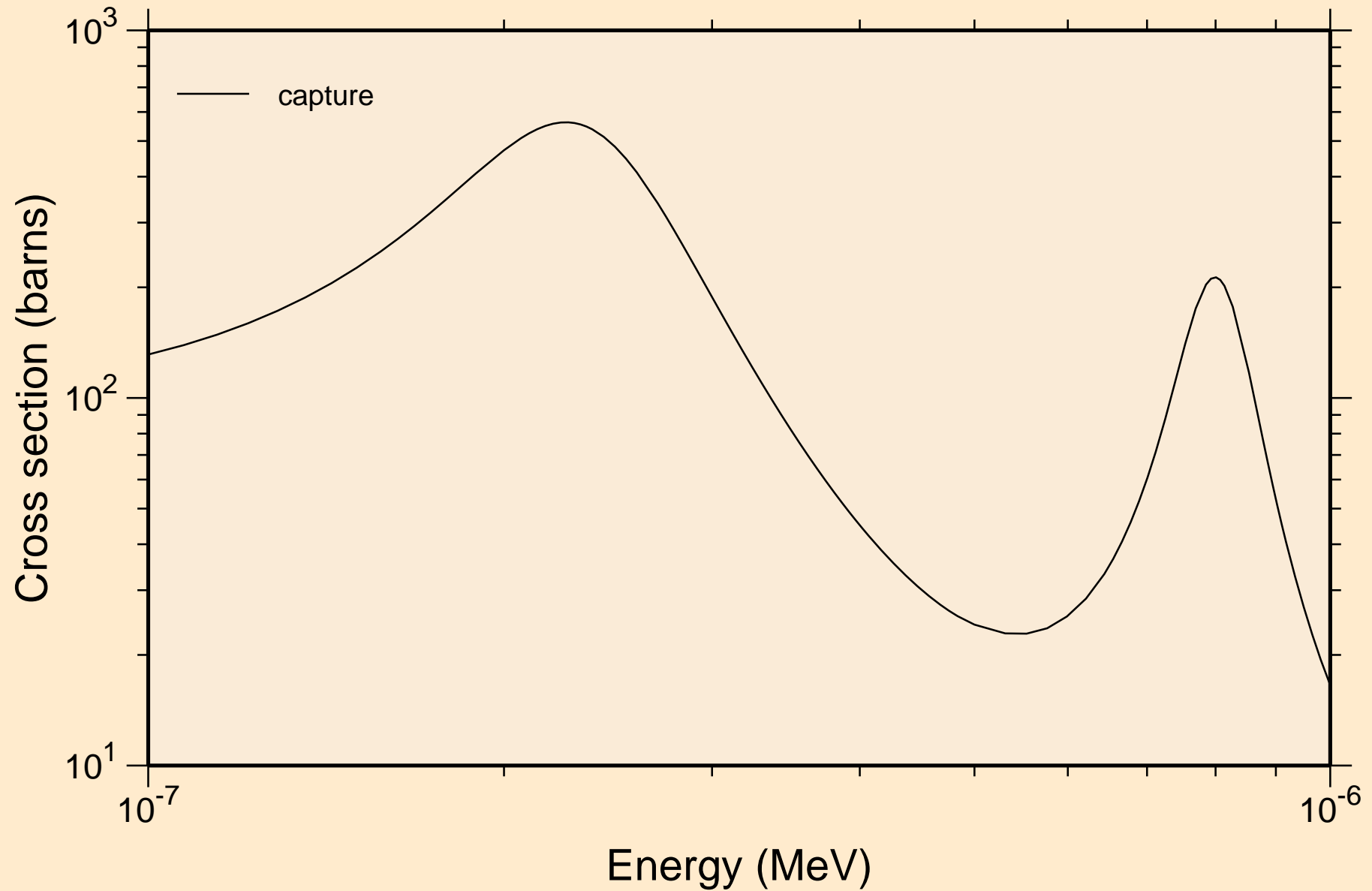
TM161 NRG TENDL-2015, AKONING  
resonance total cross section



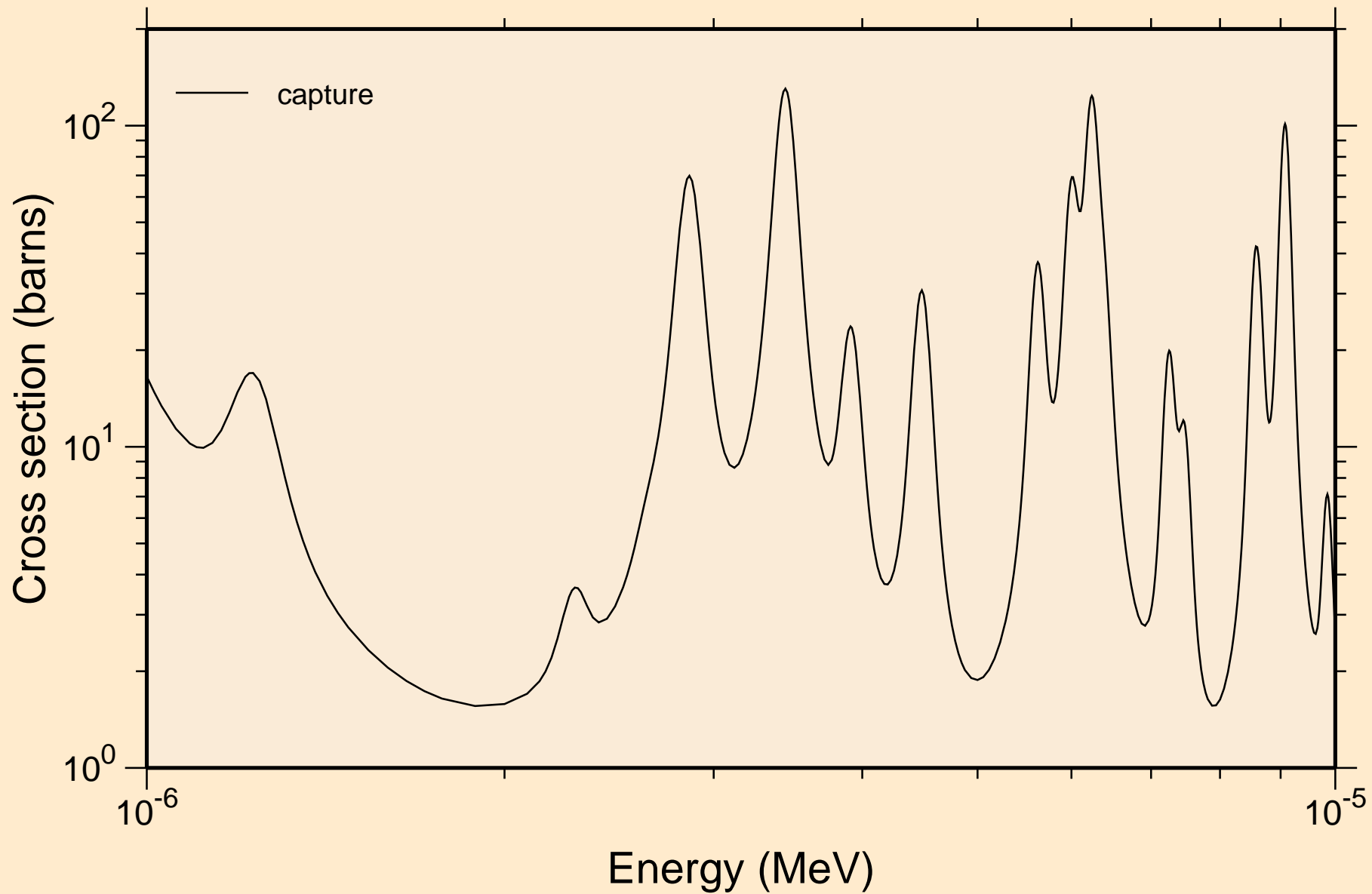
TM161 NRG TENDL-2015, AKONING  
resonance total cross section



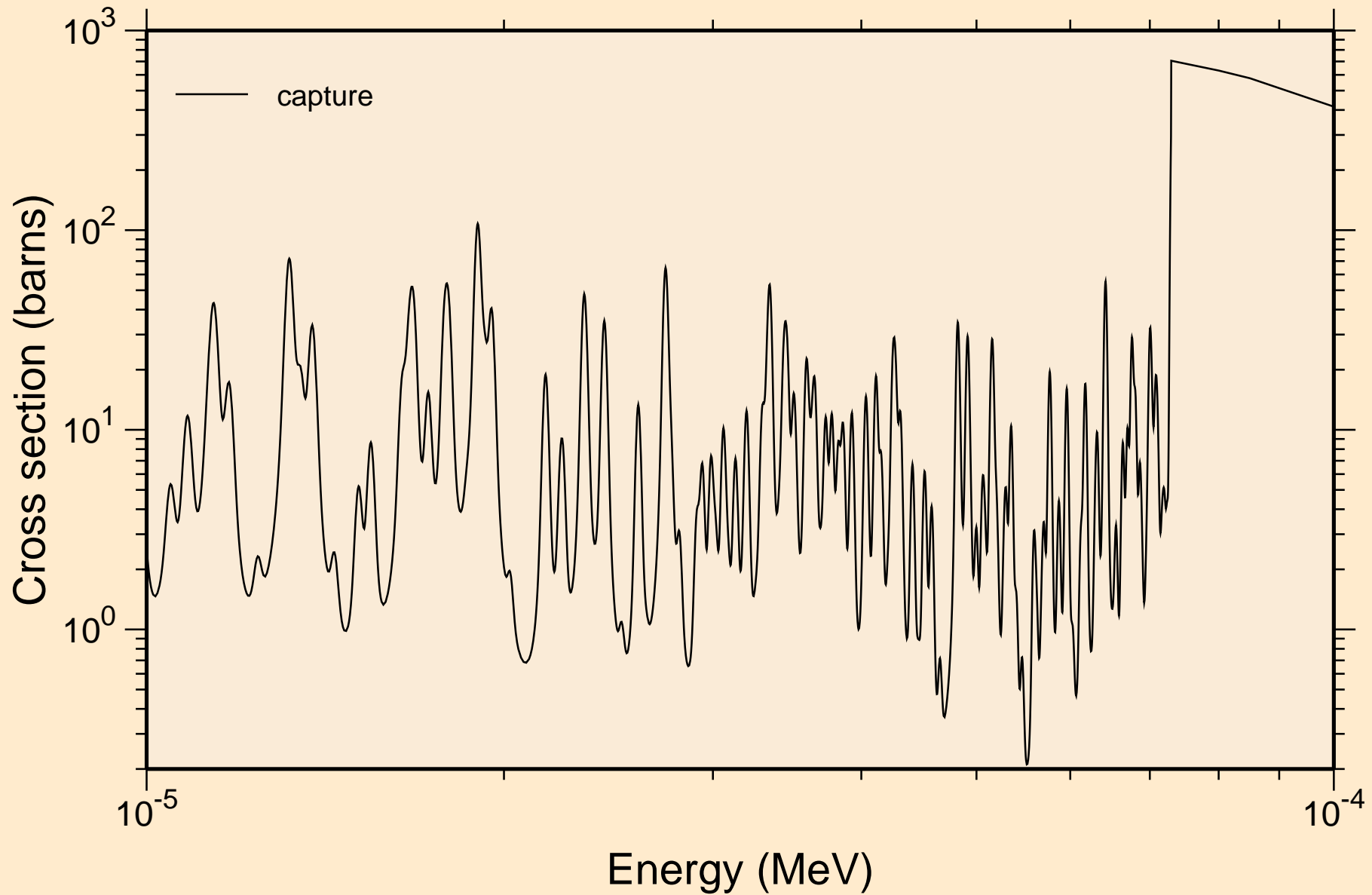
TM161 NRG TENDL-2015, AKONING  
resonance absorption cross sections



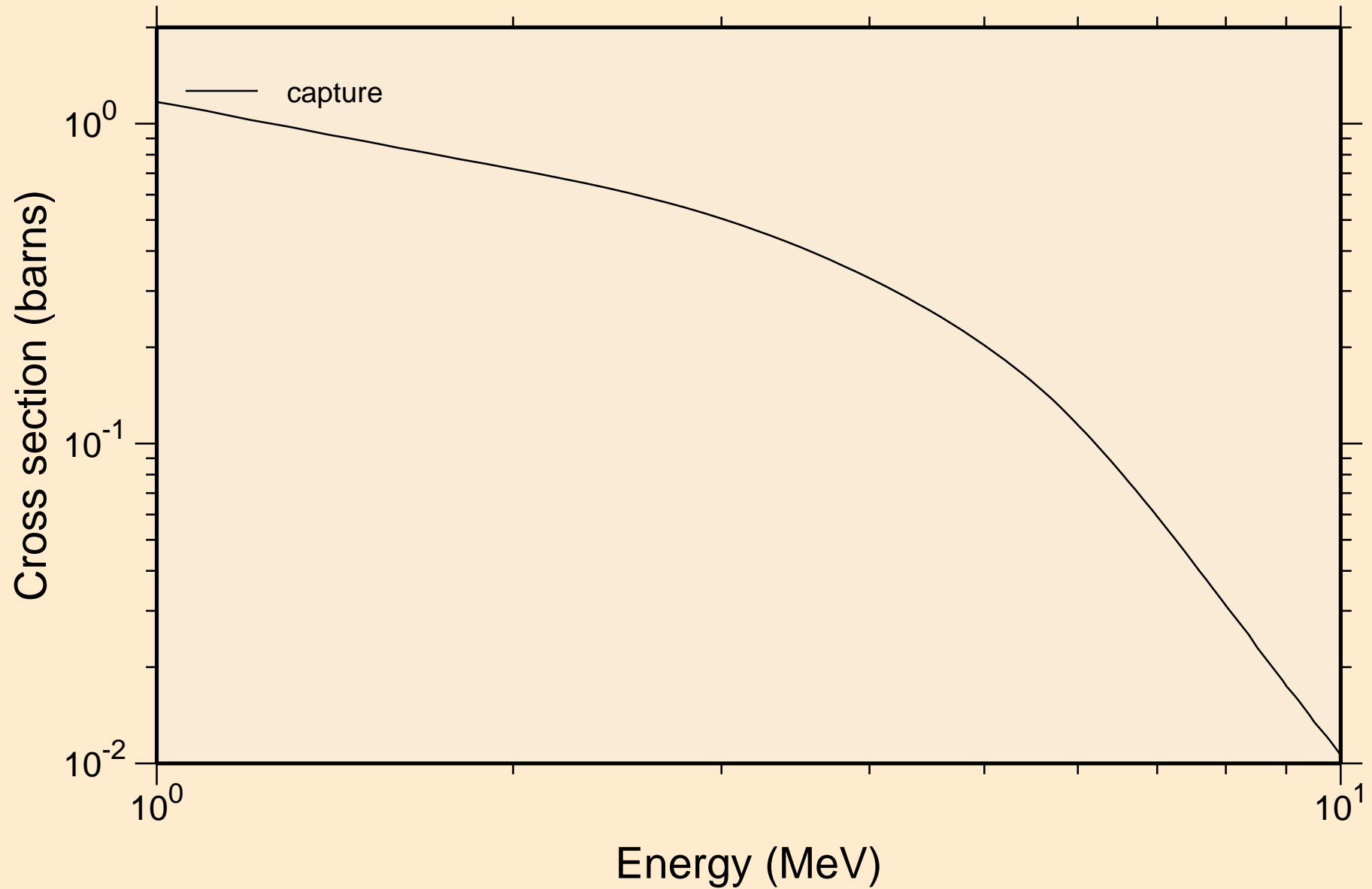
TM161 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TM161 NRG TENDL-2015, AKONING  
resonance absorption cross sections



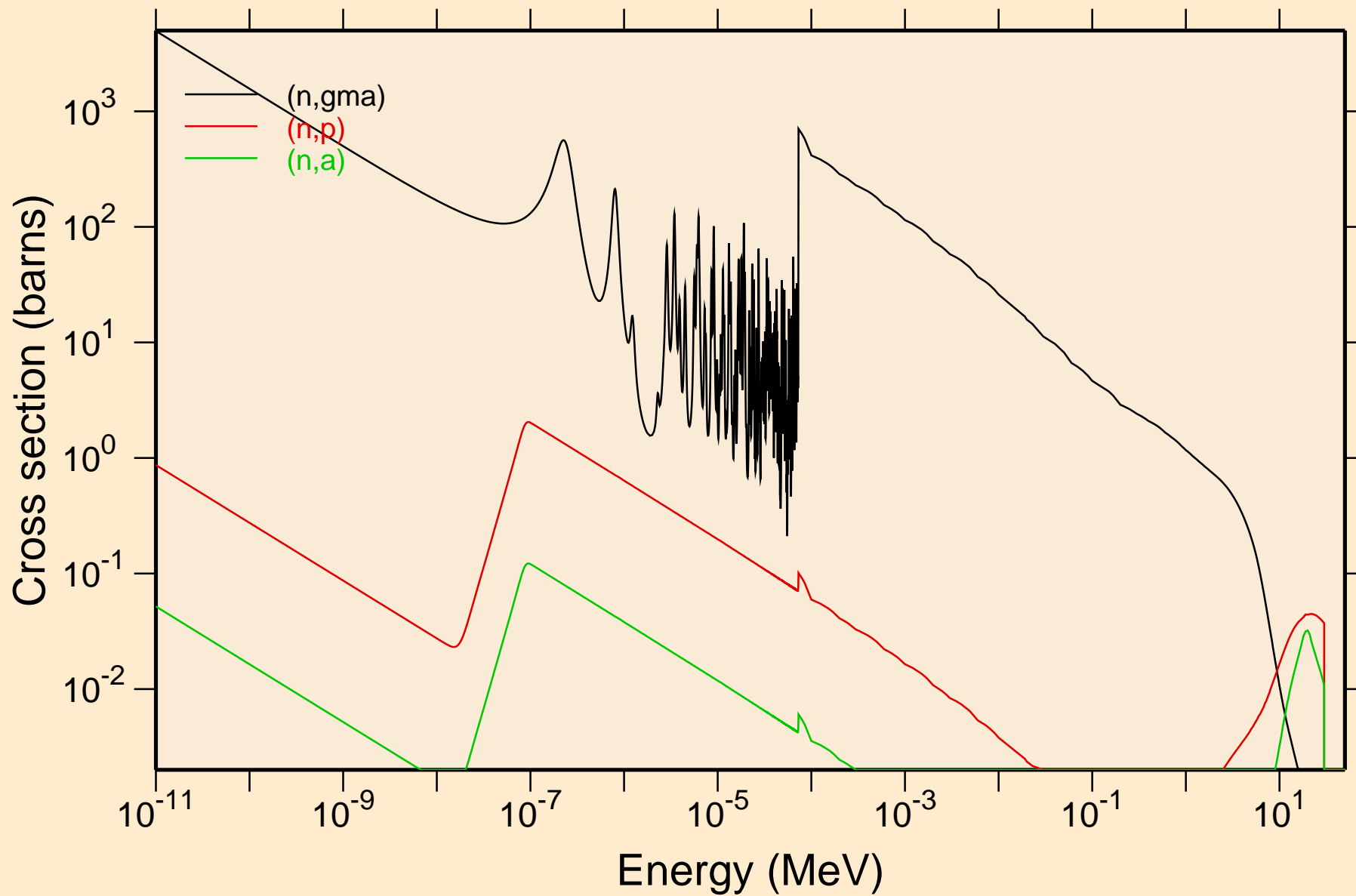
TM161 NRG TENDL-2015, AKONING  
resonance absorption cross sections





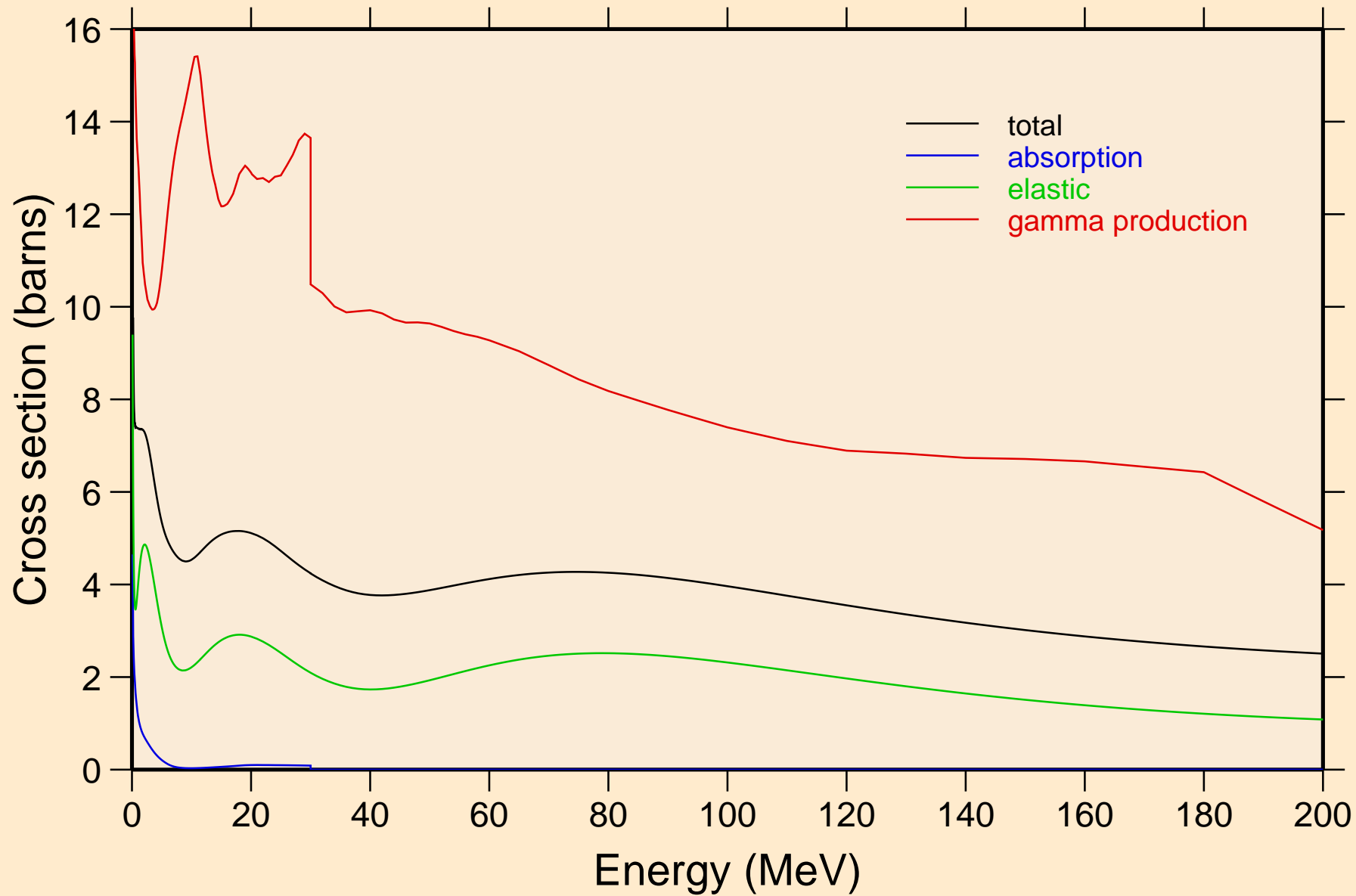
# TM161 NRG TENDL-2015, AKONING

## Non-threshold reactions



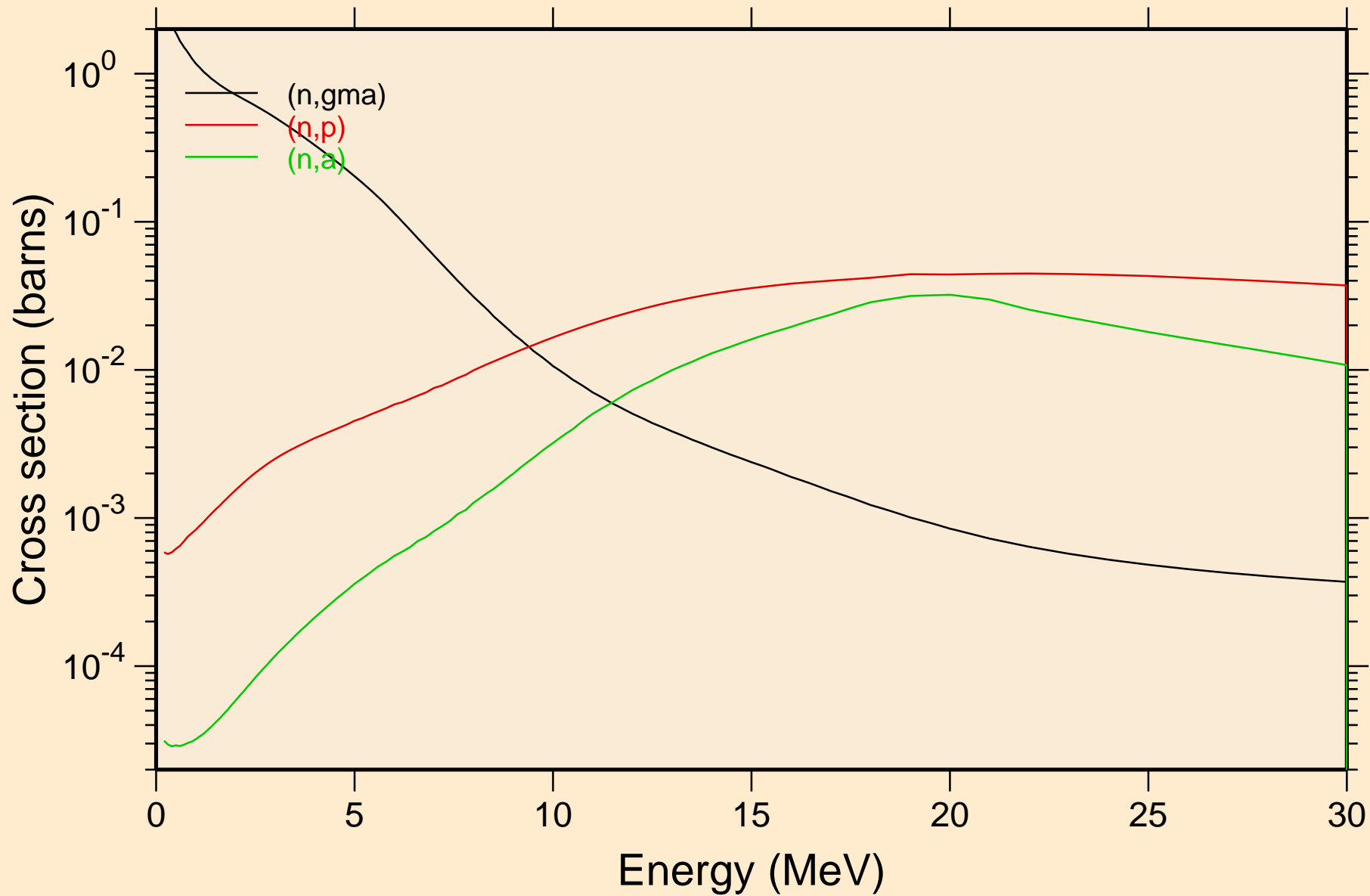
# TM161 NRG TENDL-2015, AKONING

## Principal cross sections



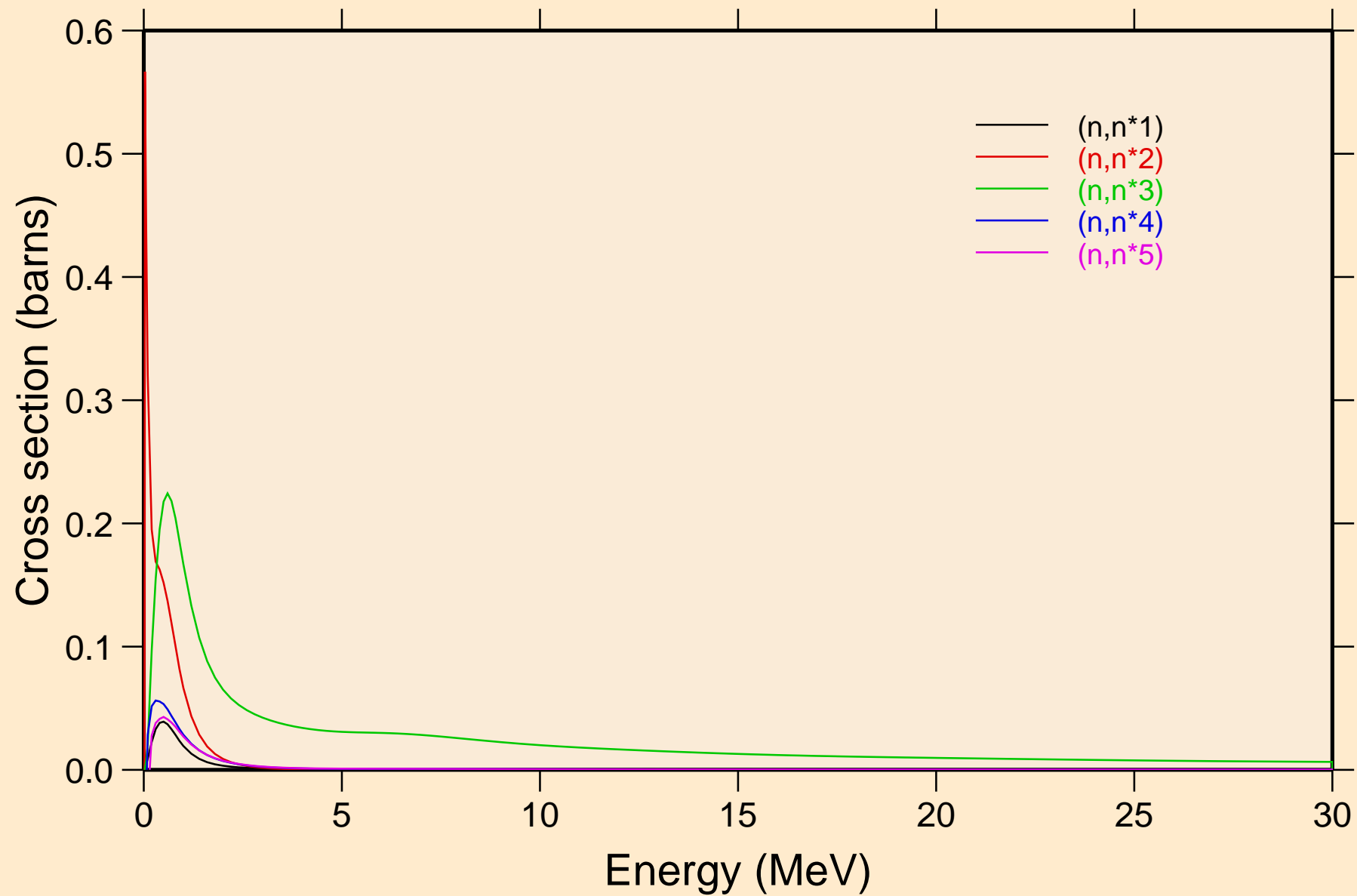
# TM161 NRG TENDL-2015, AKONING

## Non-threshold reactions



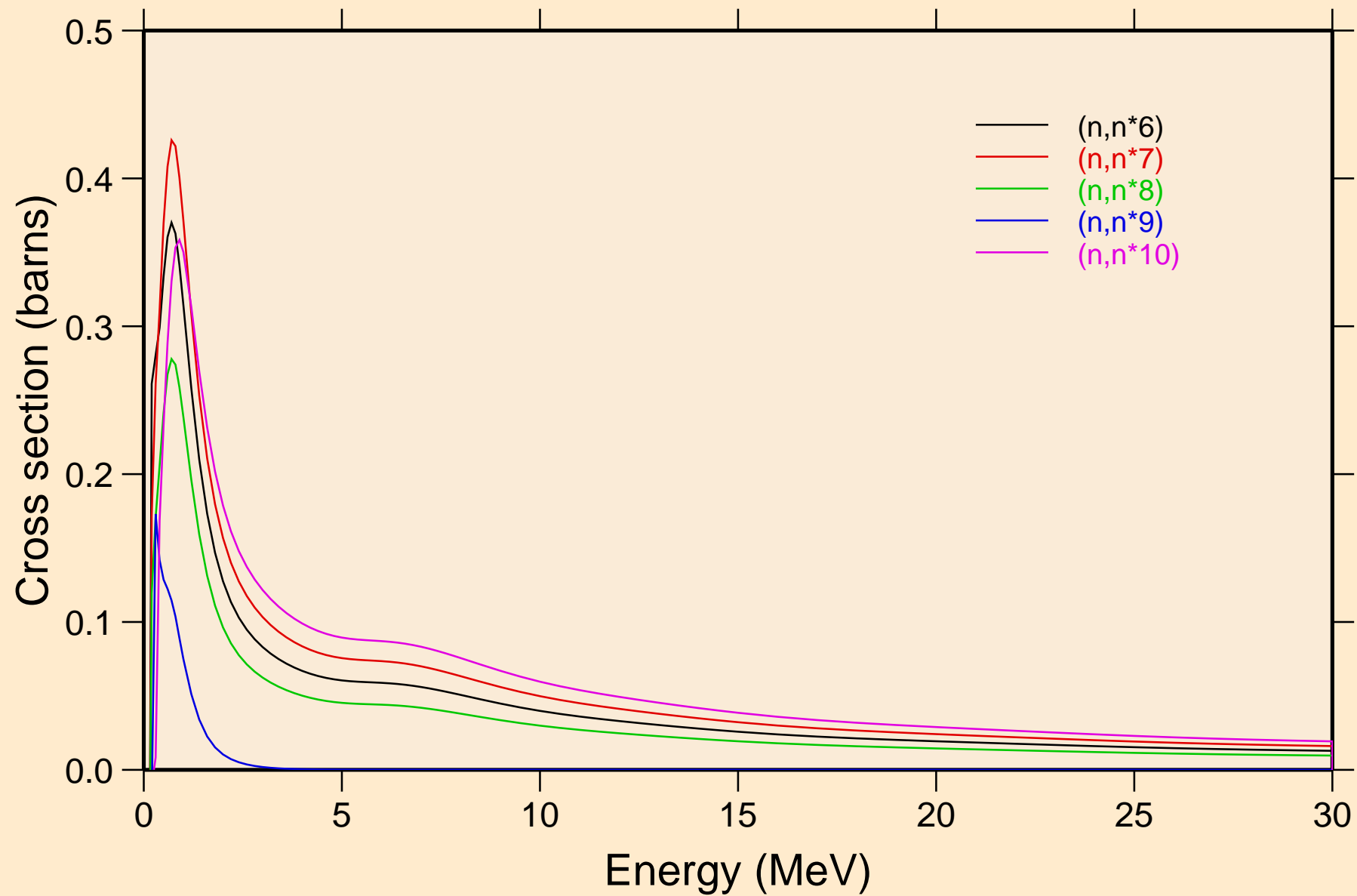
# TM161 NRG TENDL-2015, AKONING

## Inelastic levels



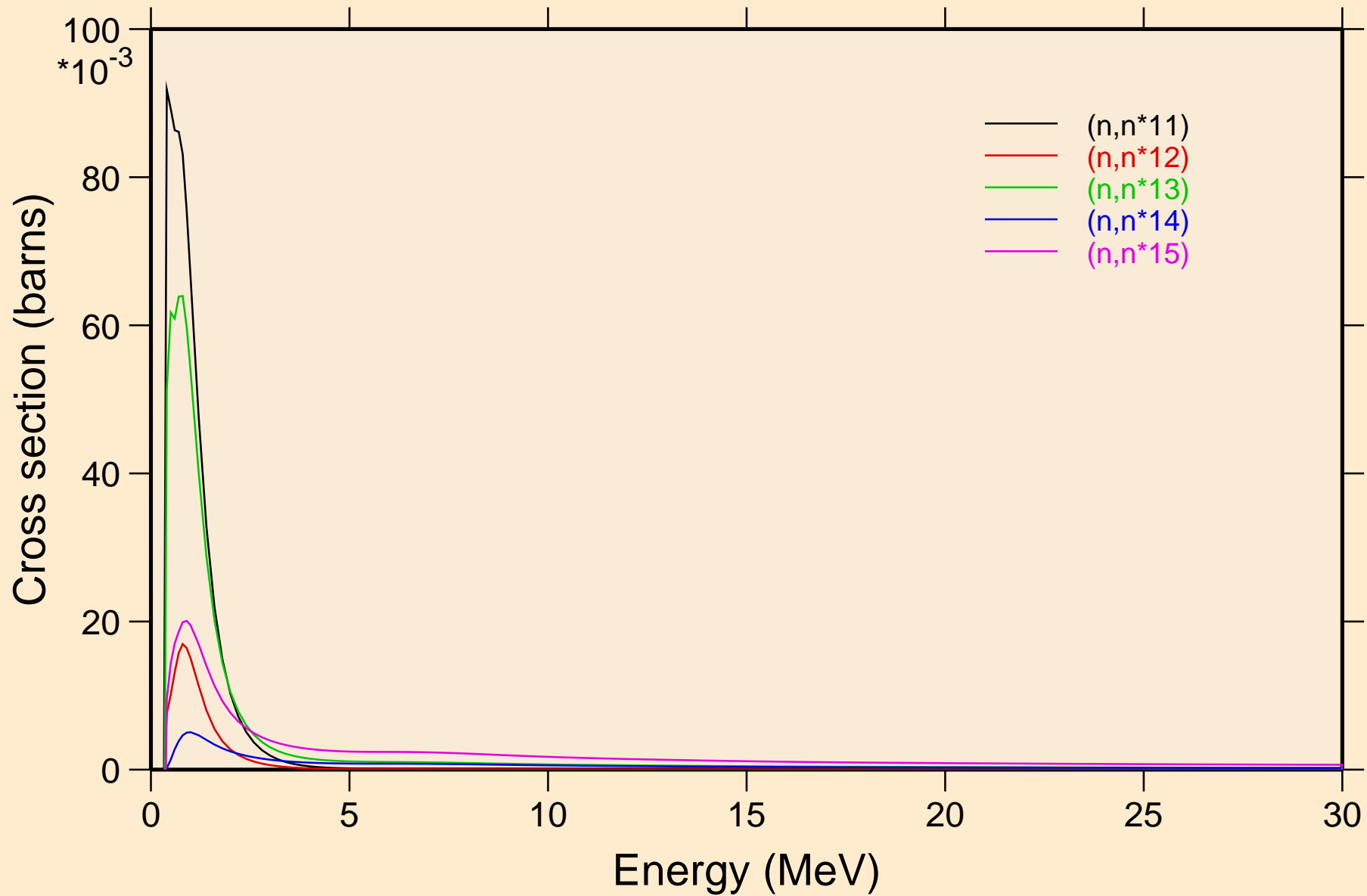
# TM161 NRG TENDL-2015, AKONING

## Inelastic levels



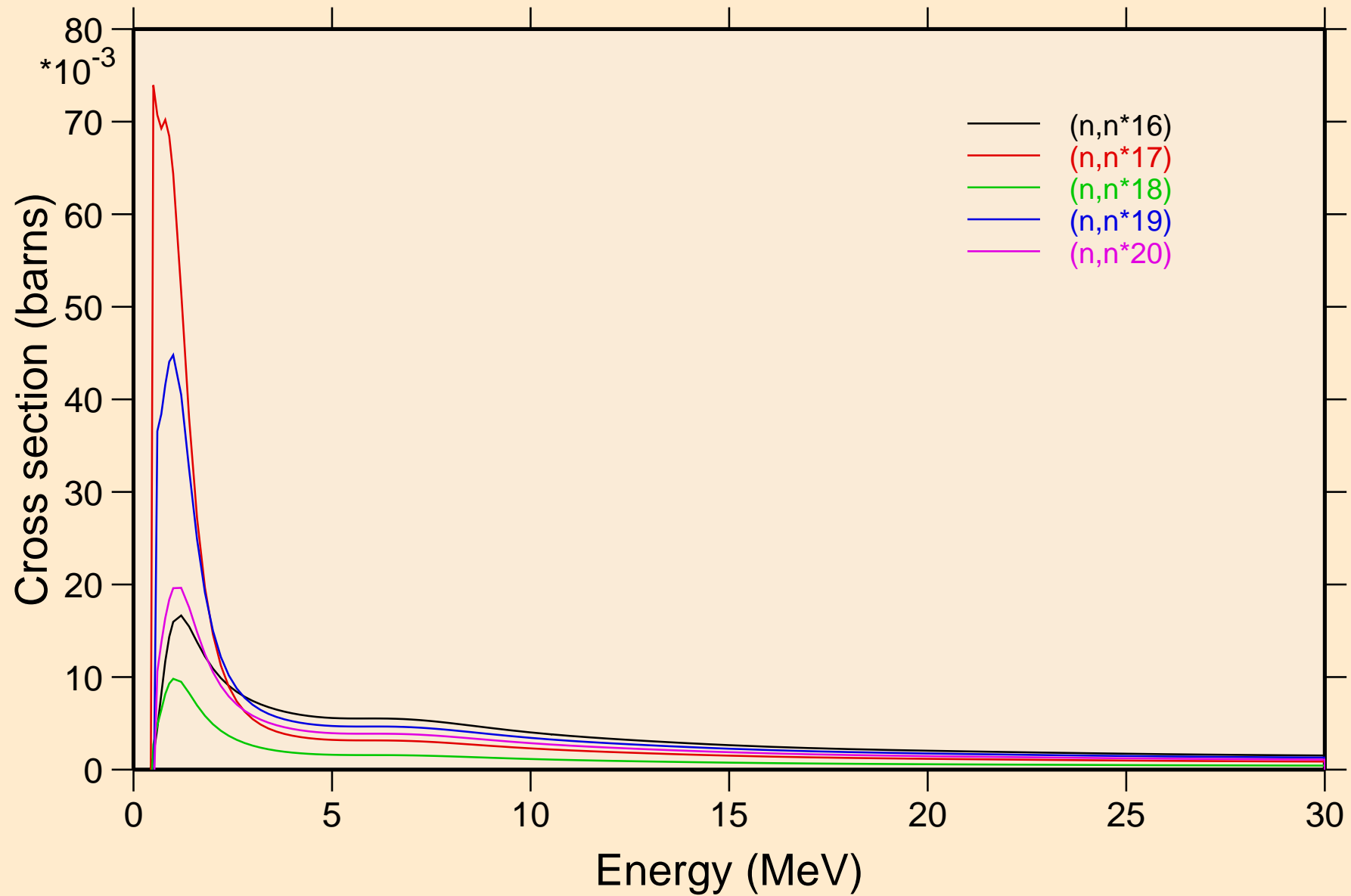
# TM161 NRG TENDL-2015, AKONING

## Inelastic levels



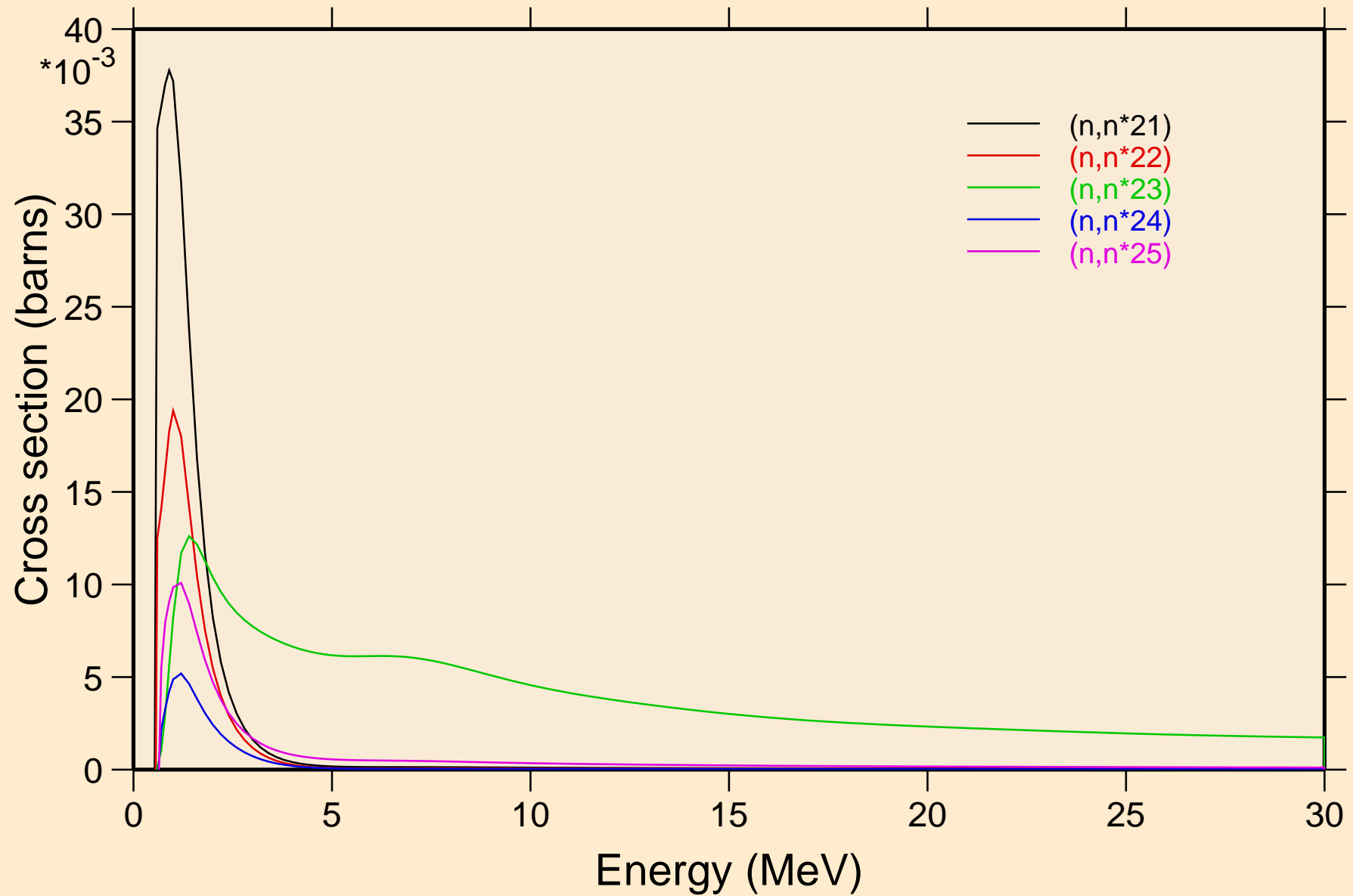
# TM161 NRG TENDL-2015, AKONING

## Inelastic levels



# TM161 NRG TENDL-2015, AKONING

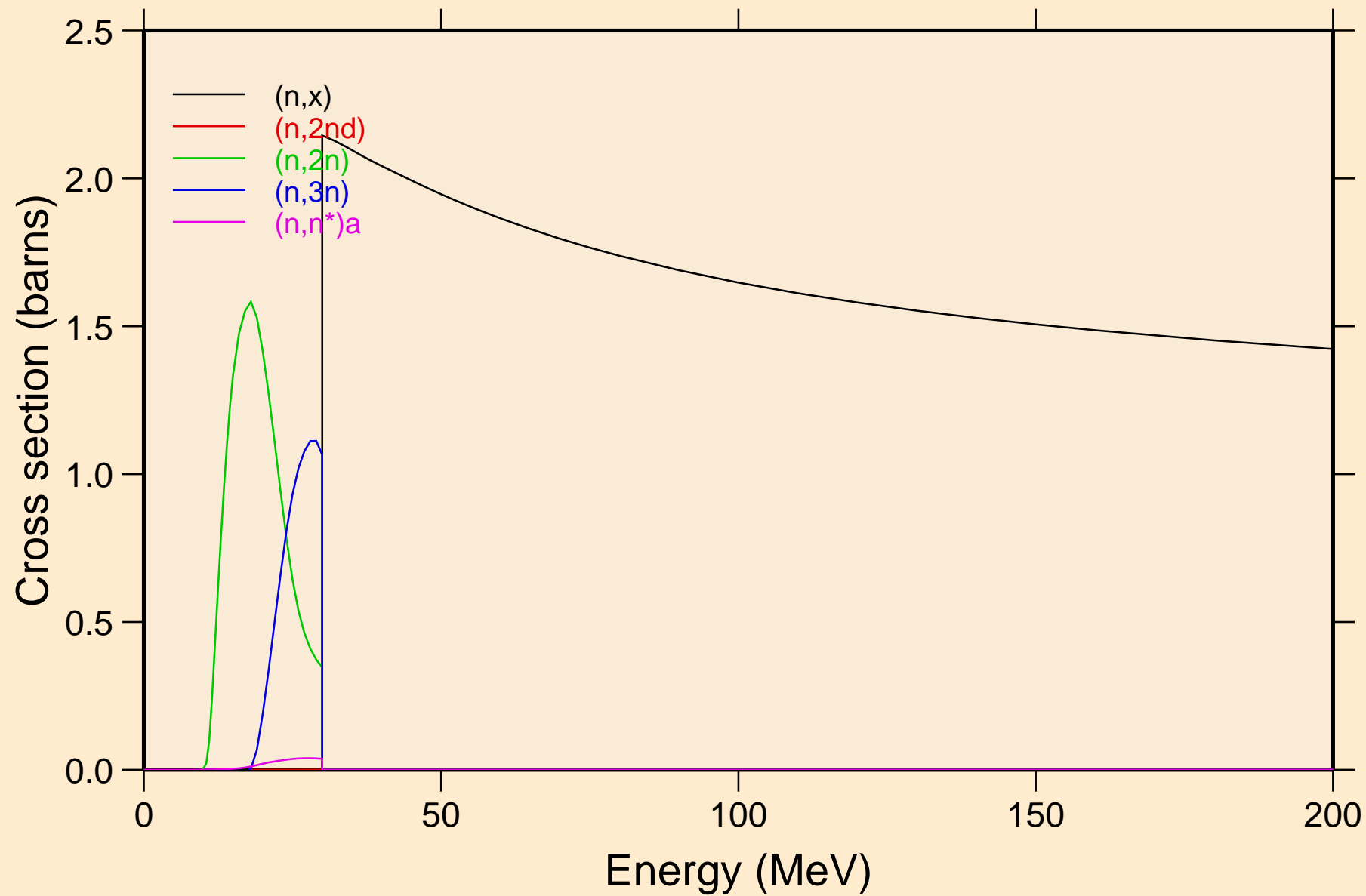
## Inelastic levels





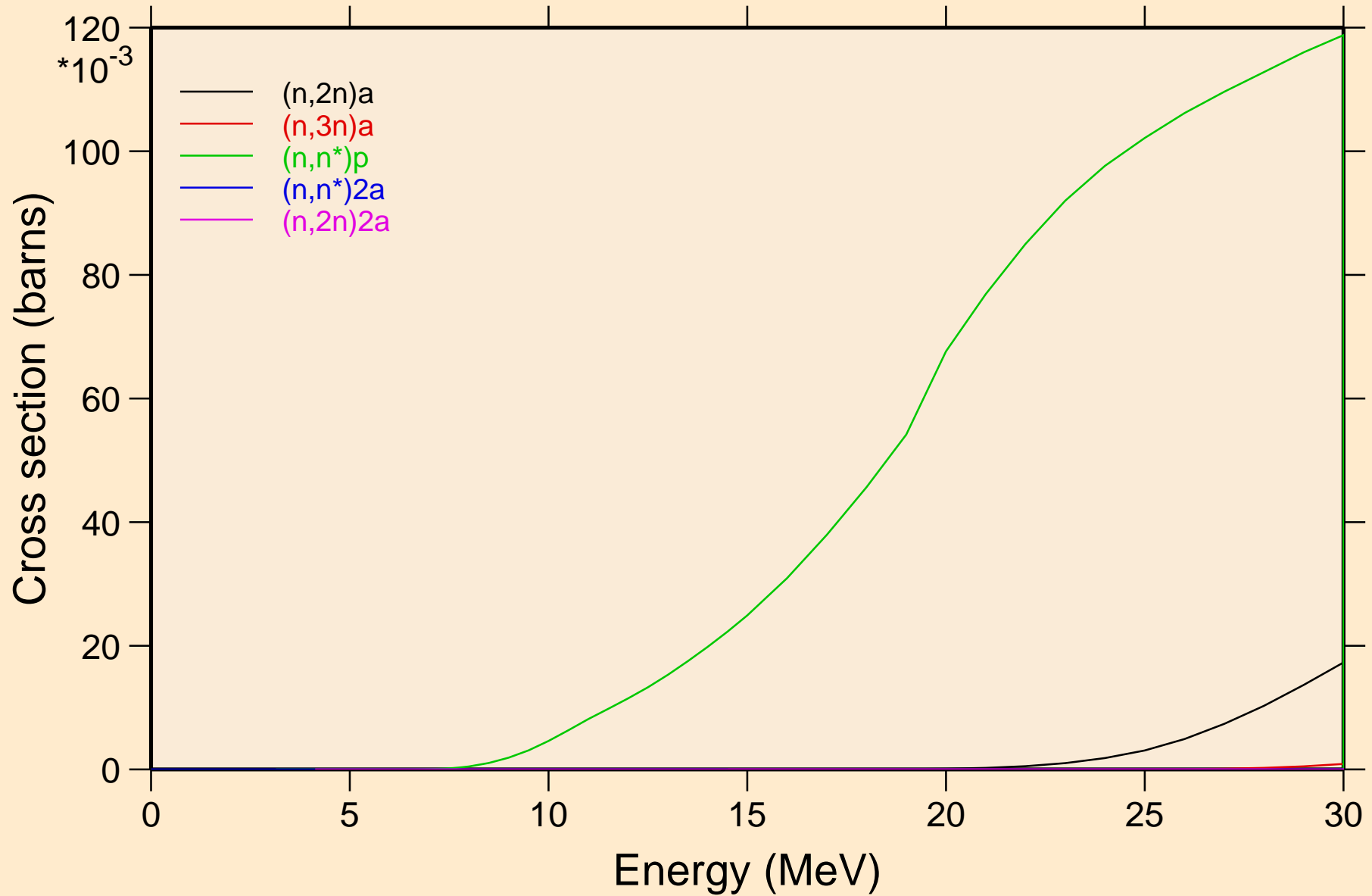
# TM161 NRG TENDL-2015, AKONING

## Threshold reactions



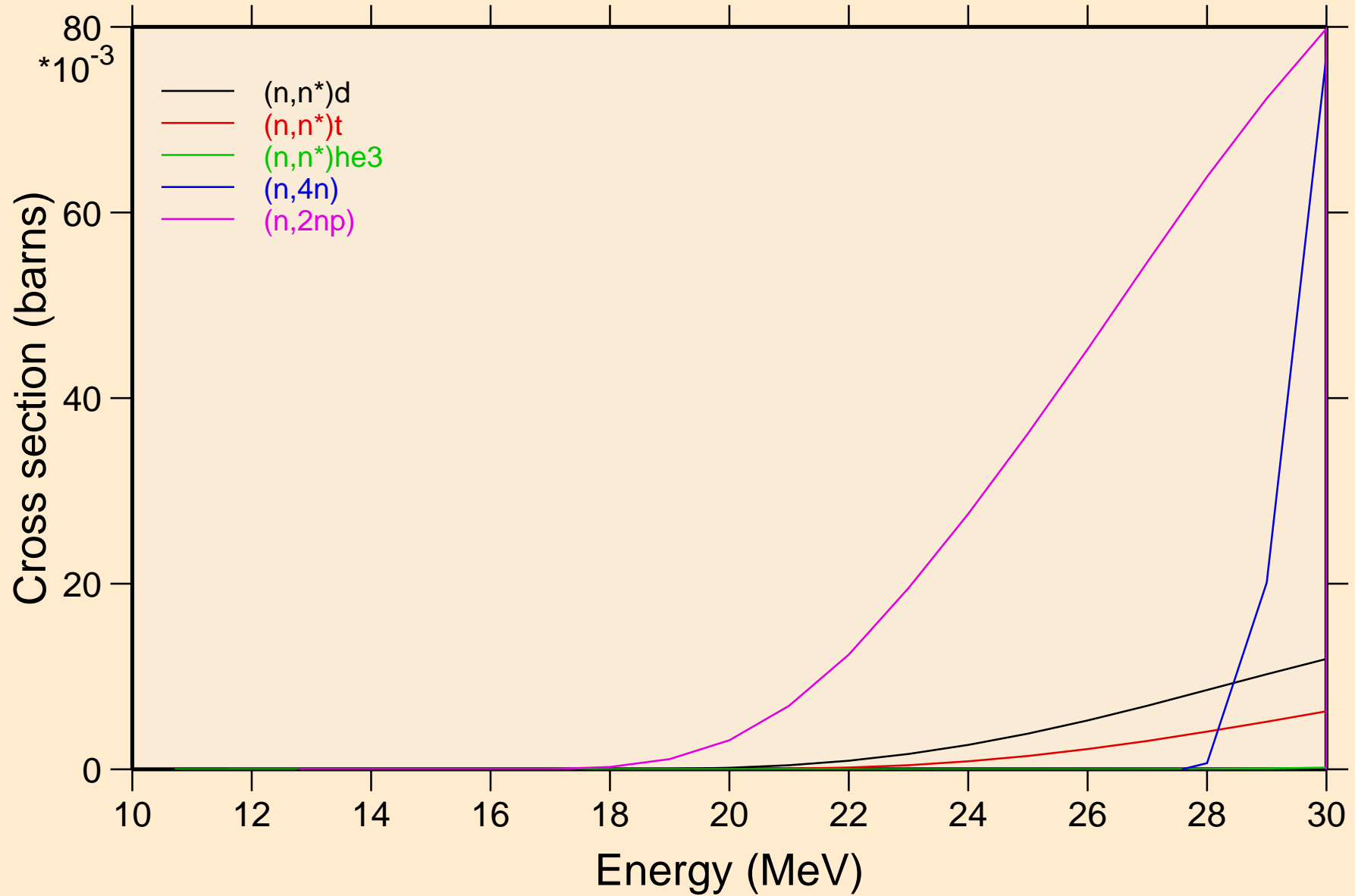
# TM161 NRG TENDL-2015, AKONING

## Threshold reactions



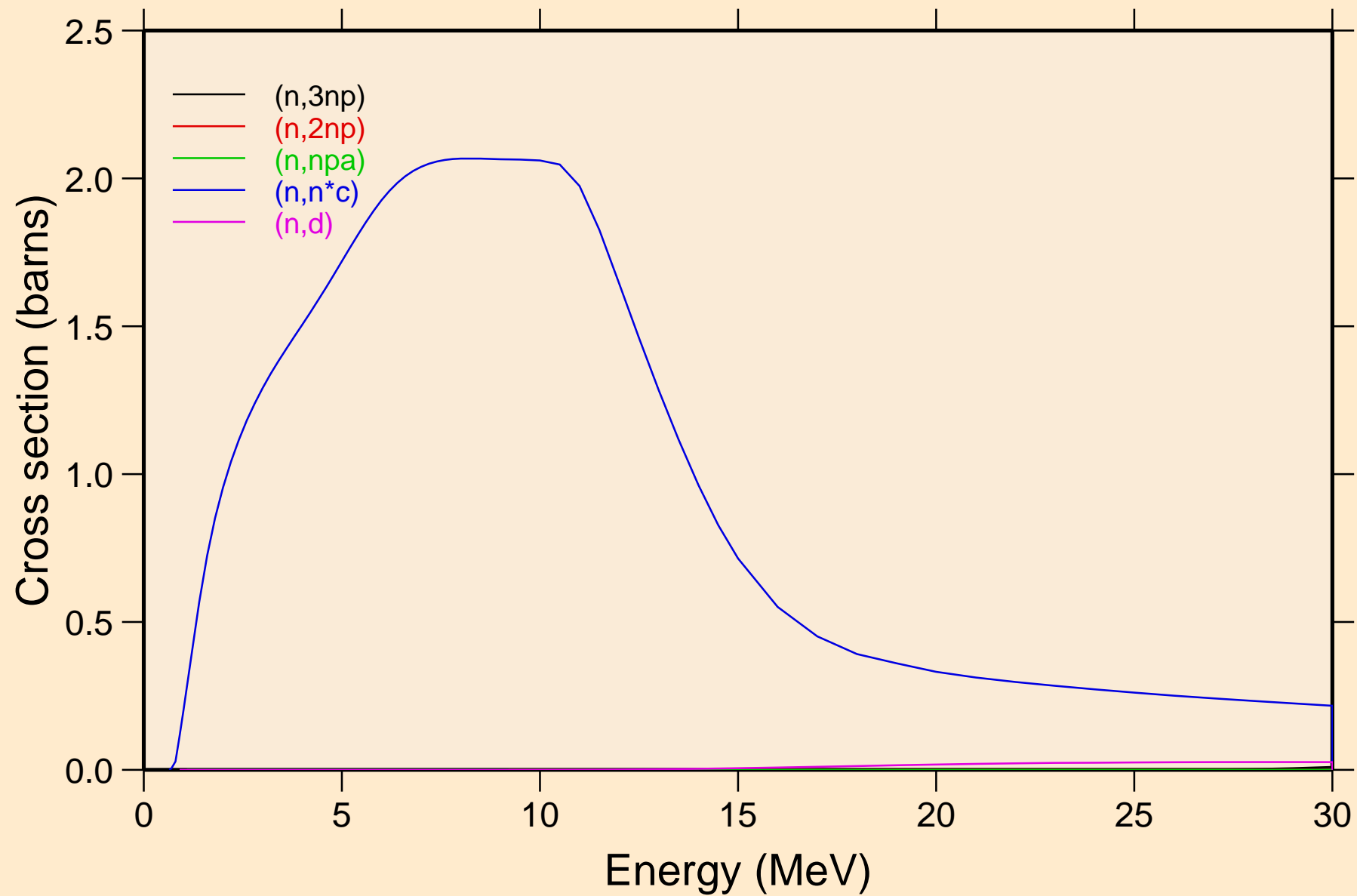
# TM161 NRG TENDL-2015, AKONING

## Threshold reactions



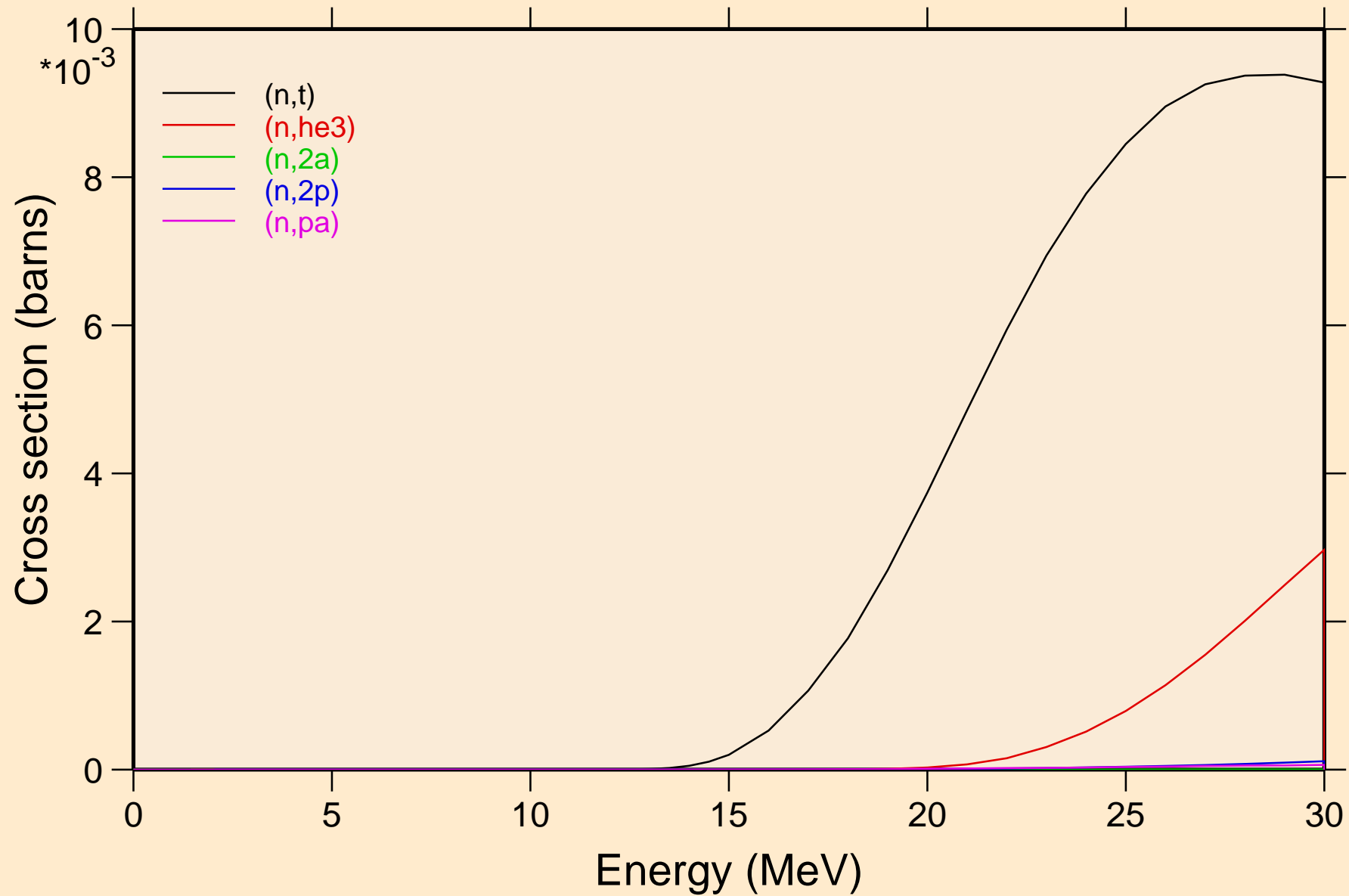
# TM161 NRG TENDL-2015, AKONING

## Threshold reactions



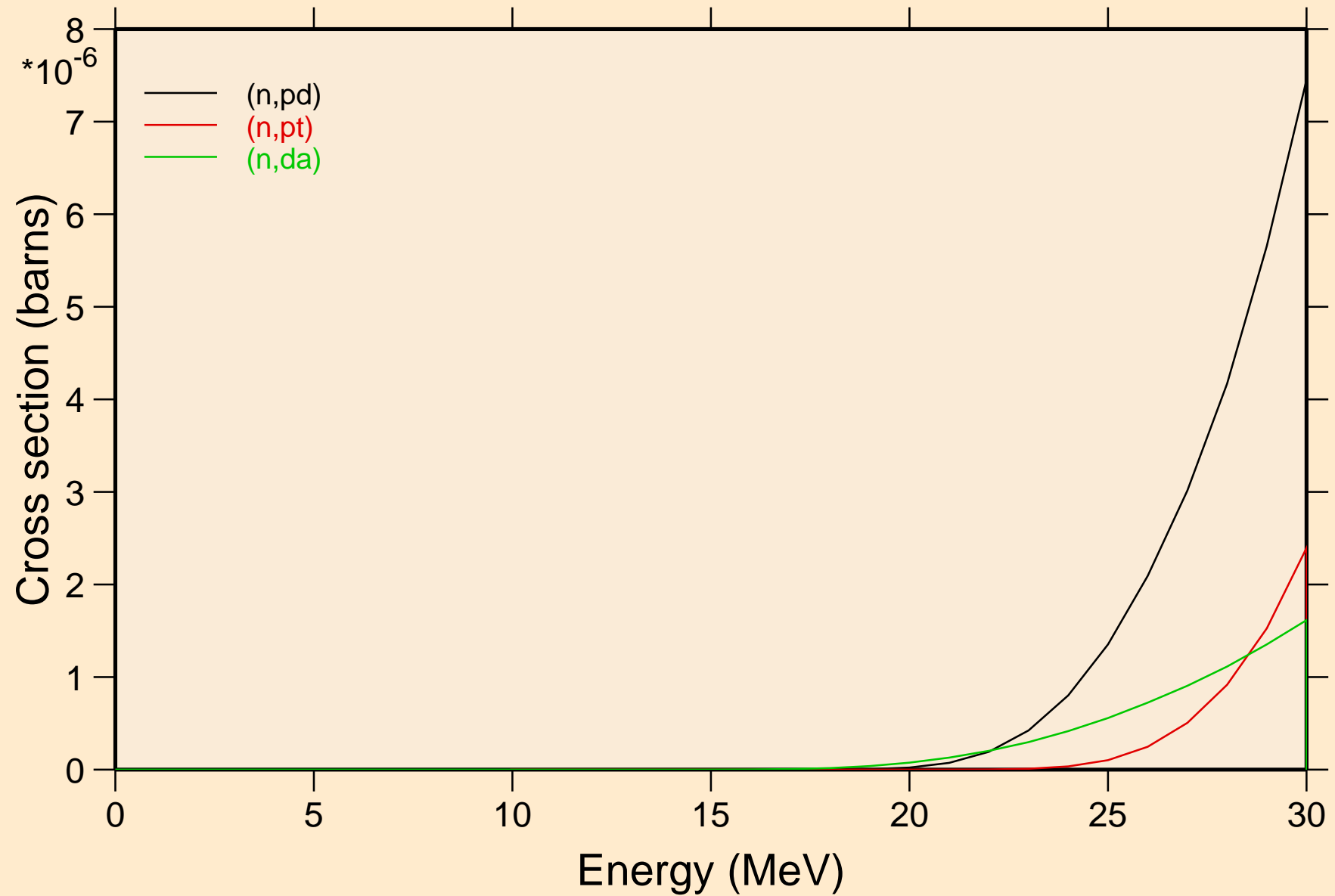
# TM161 NRG TENDL-2015, AKONING

## Threshold reactions

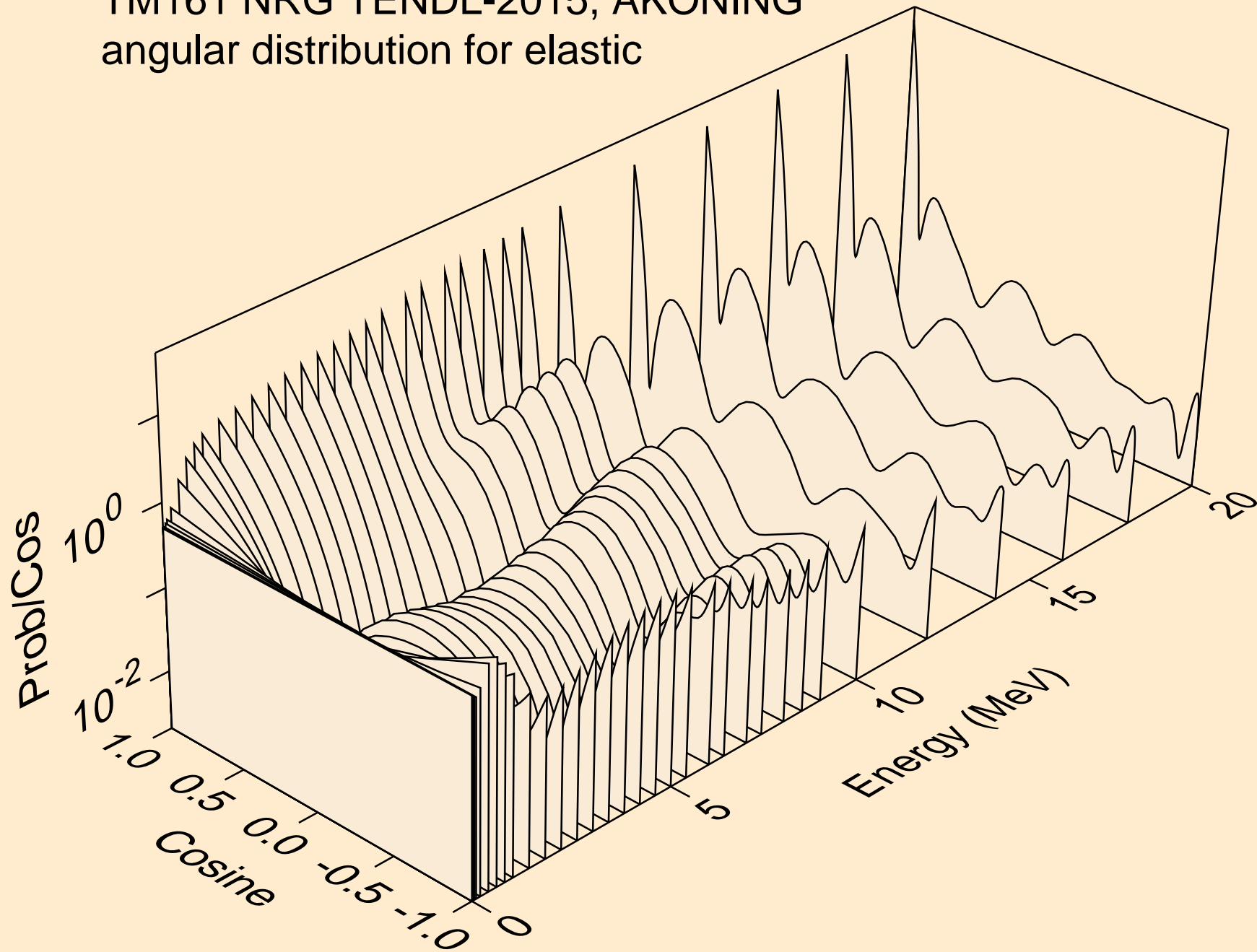


# TM161 NRG TENDL-2015, AKONING

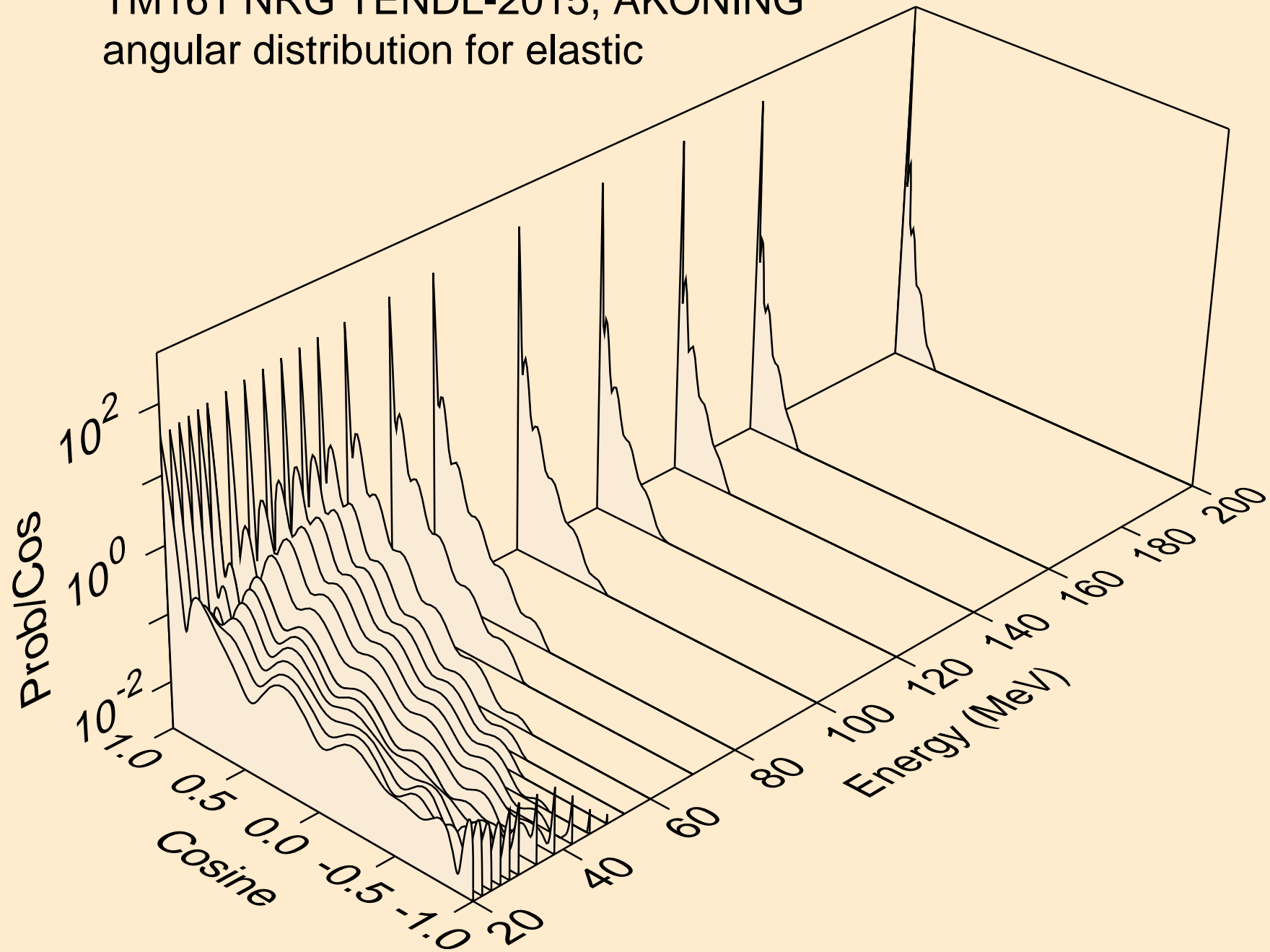
## Threshold reactions



TM161 NRG TENDL-2015, AKONING  
angular distribution for elastic

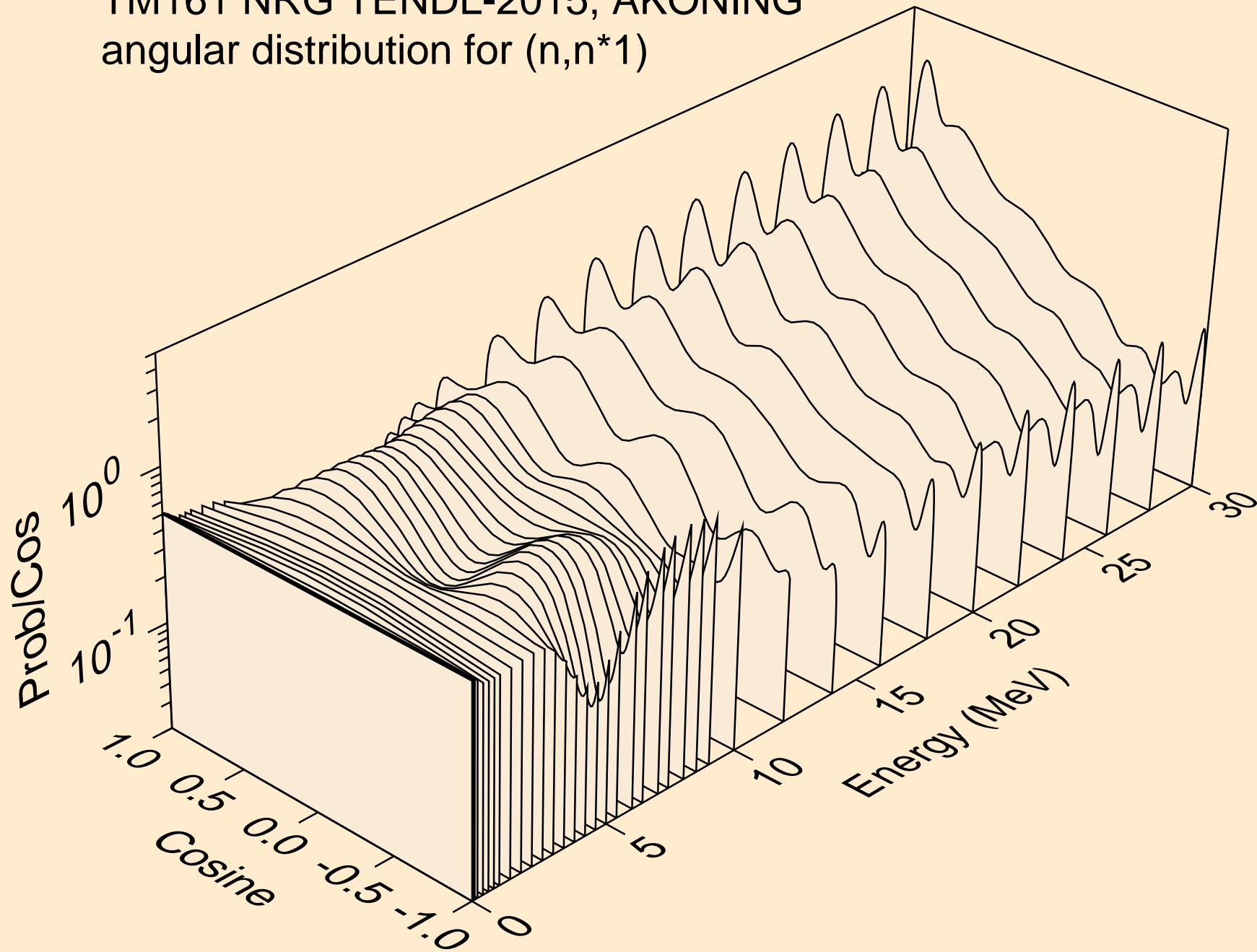


TM161 NRG TENDL-2015, AKONING  
angular distribution for elastic

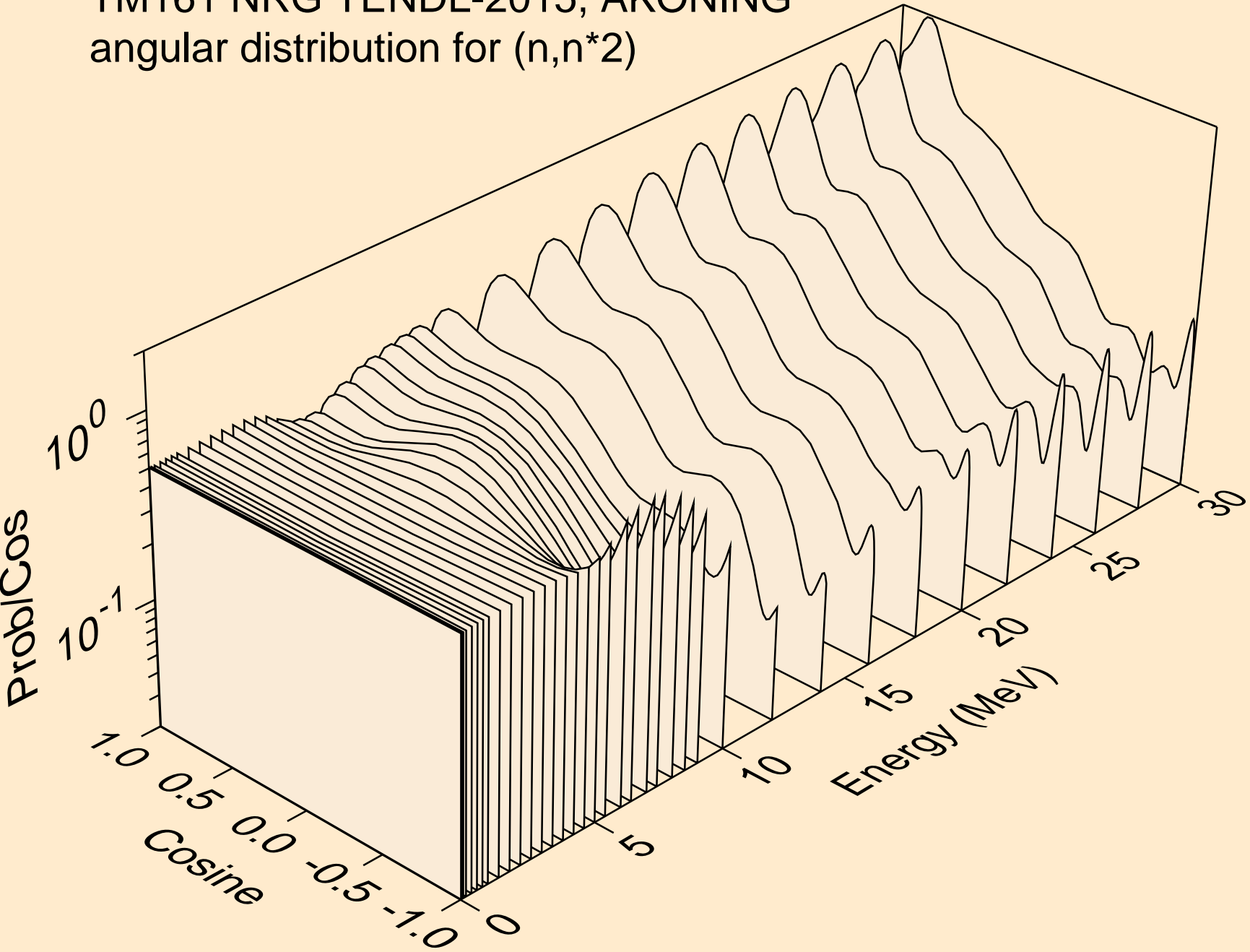




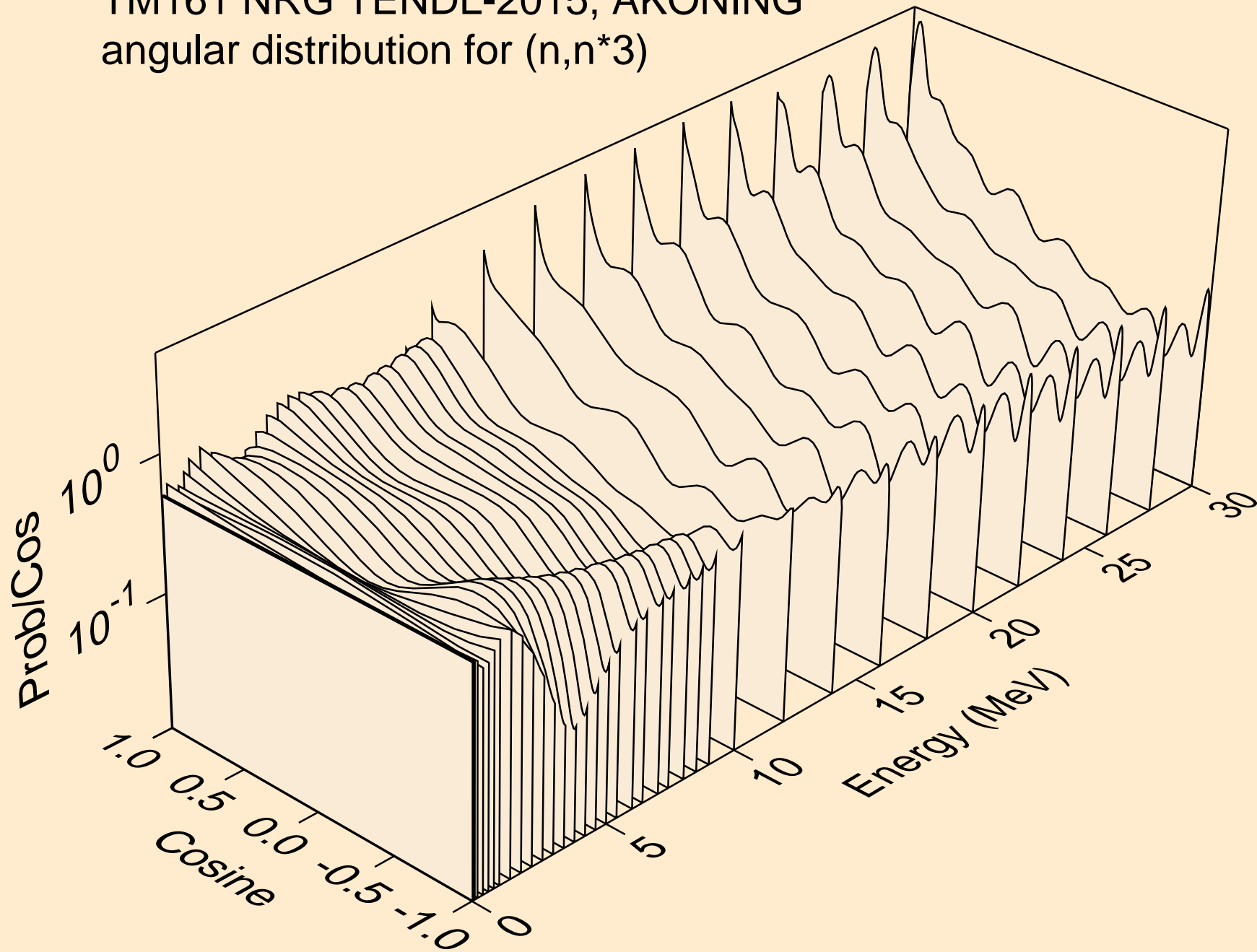
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



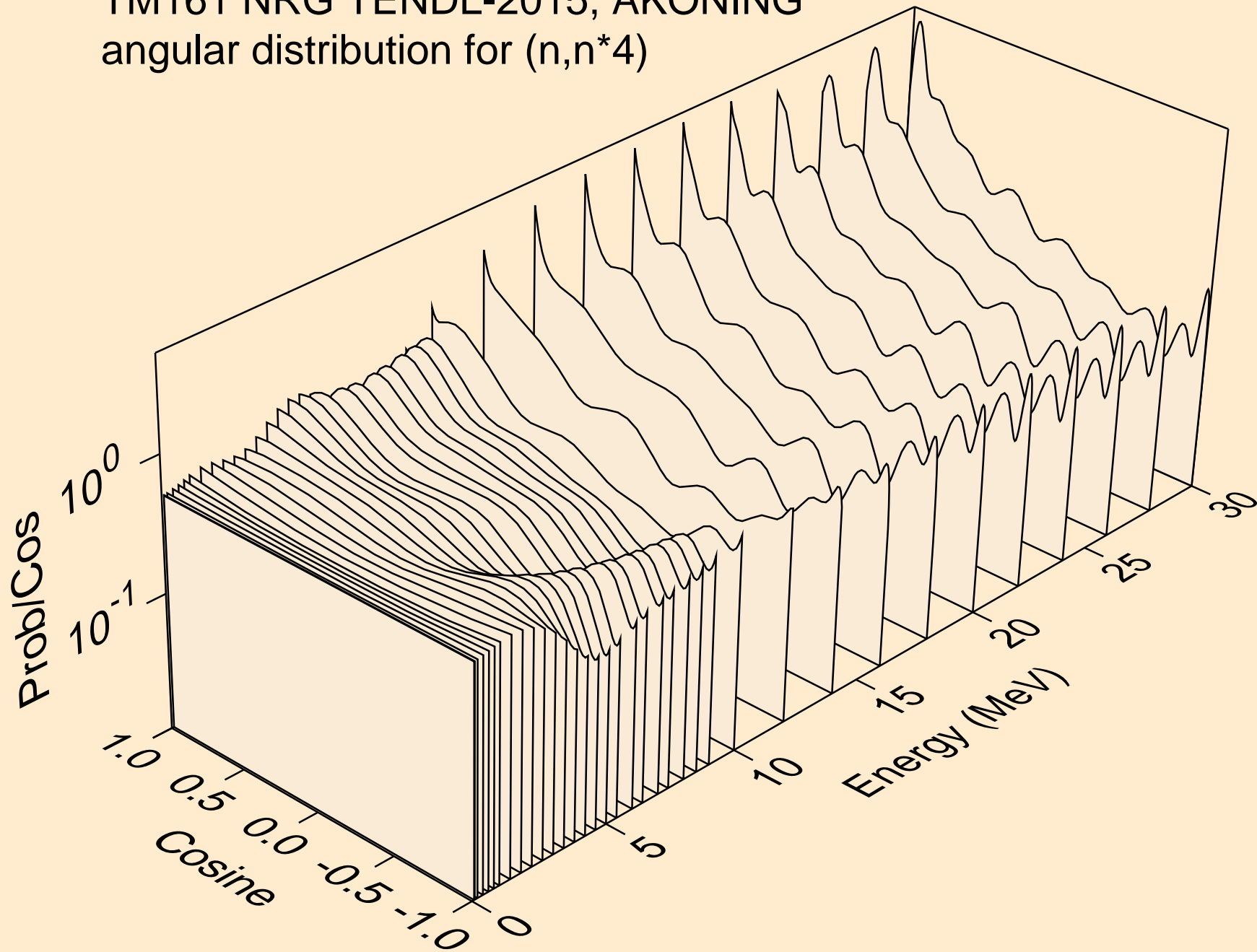
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



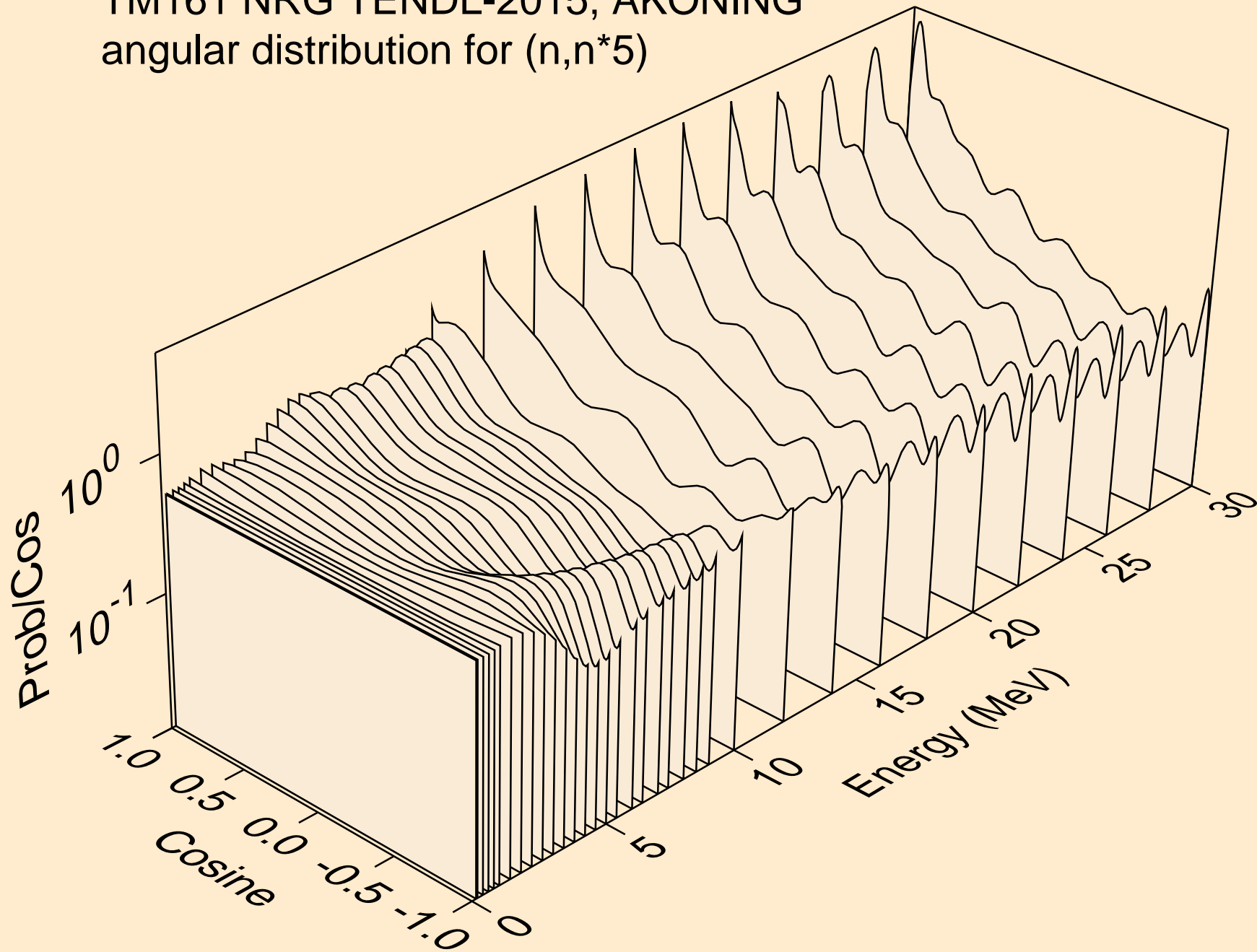
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



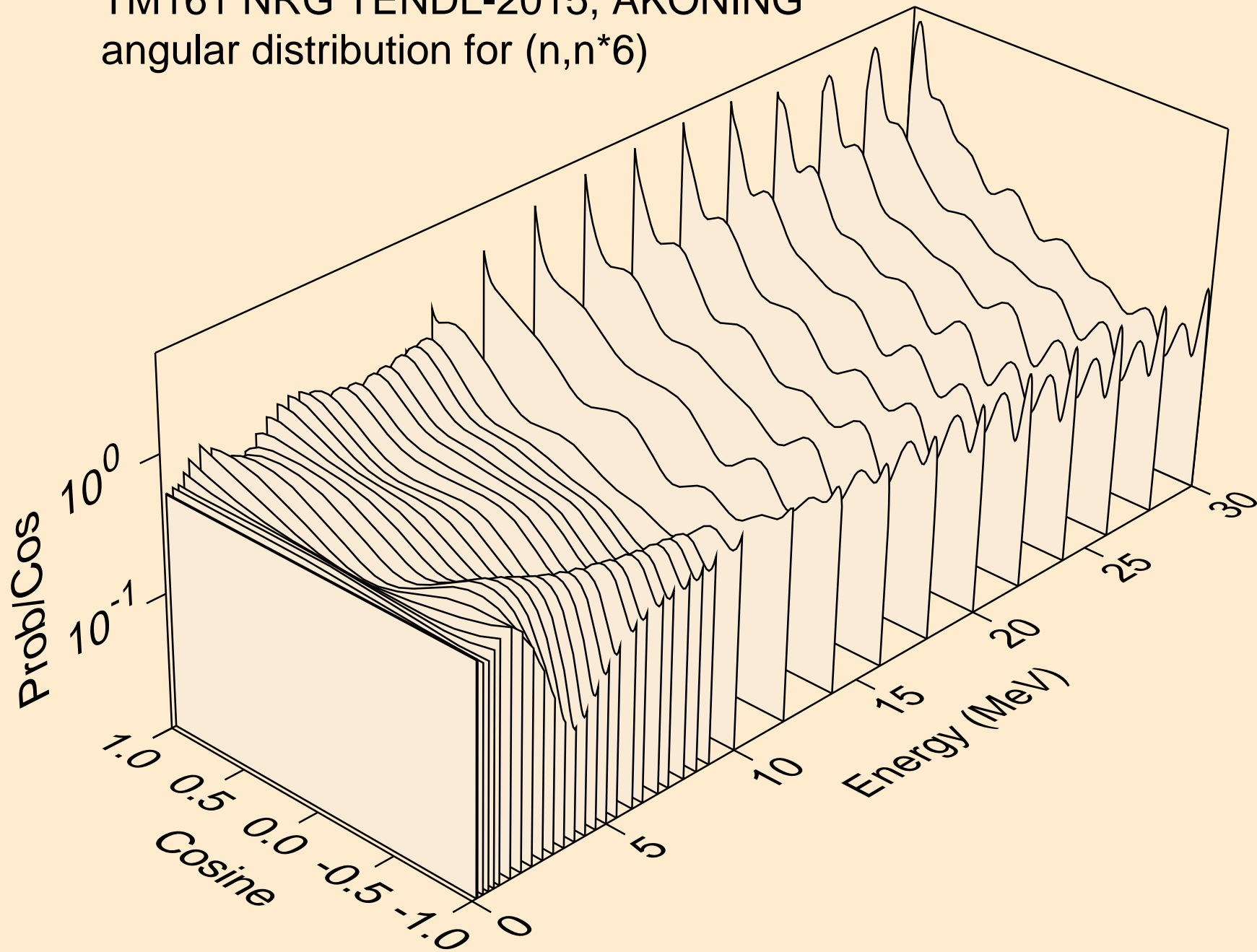
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



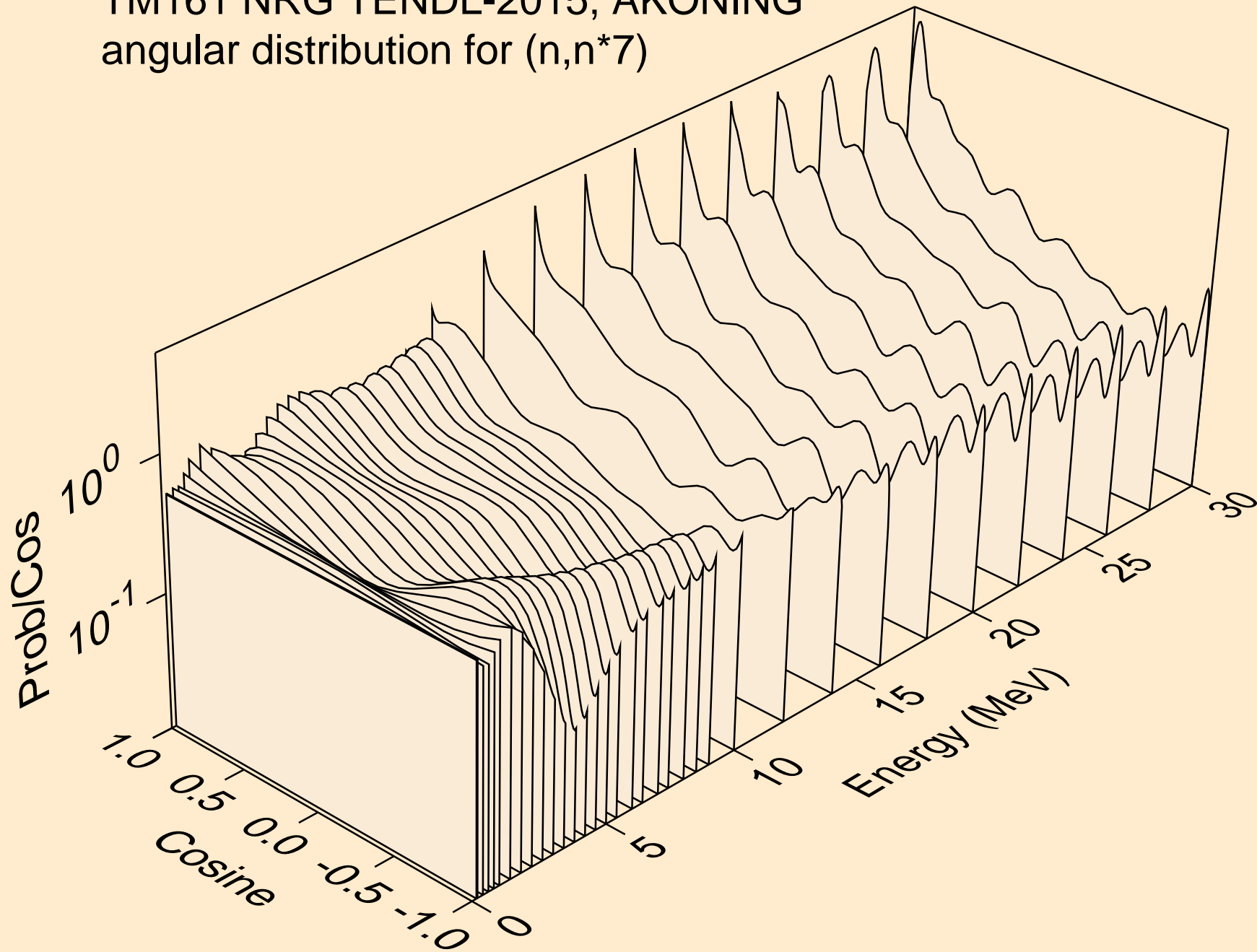
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



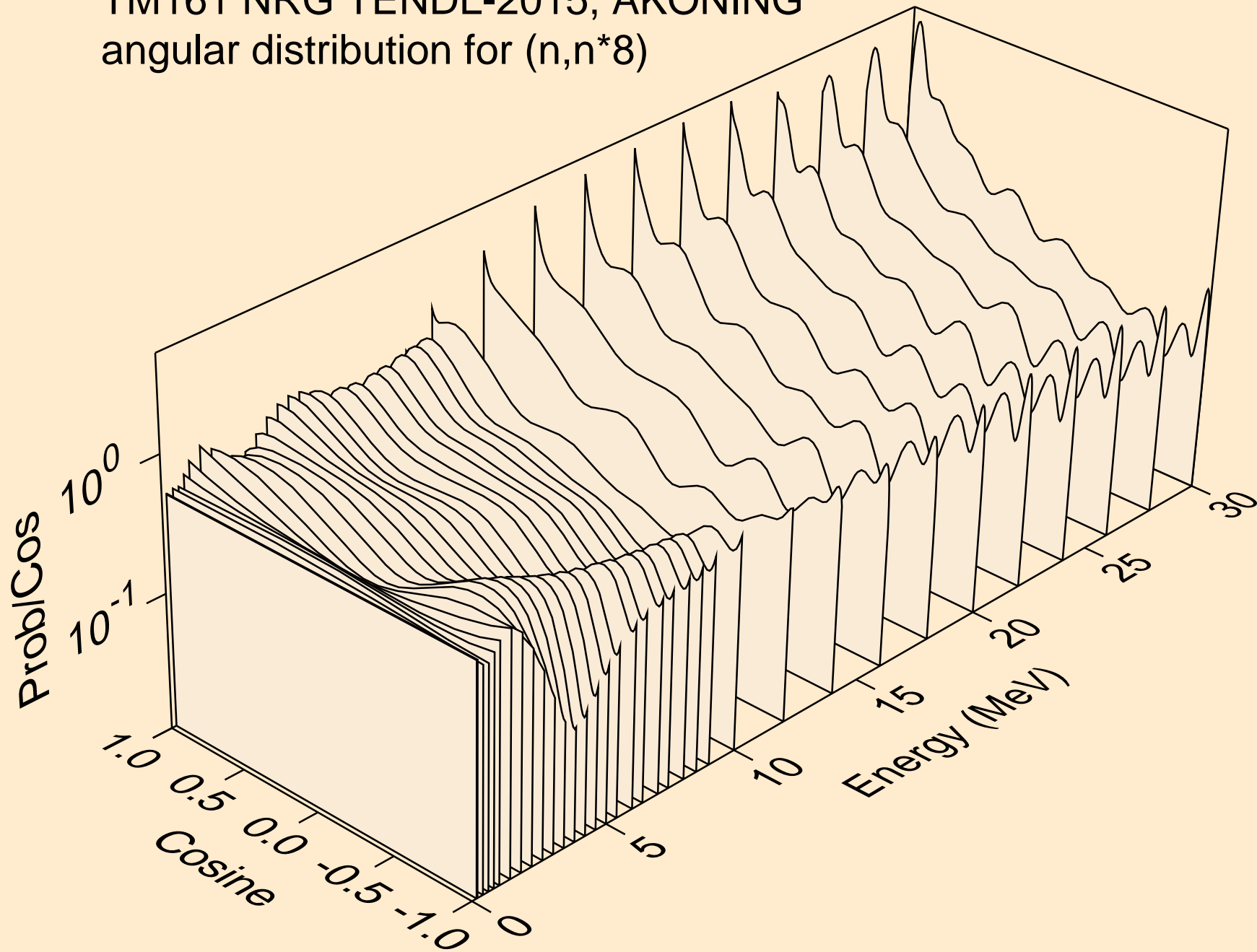
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

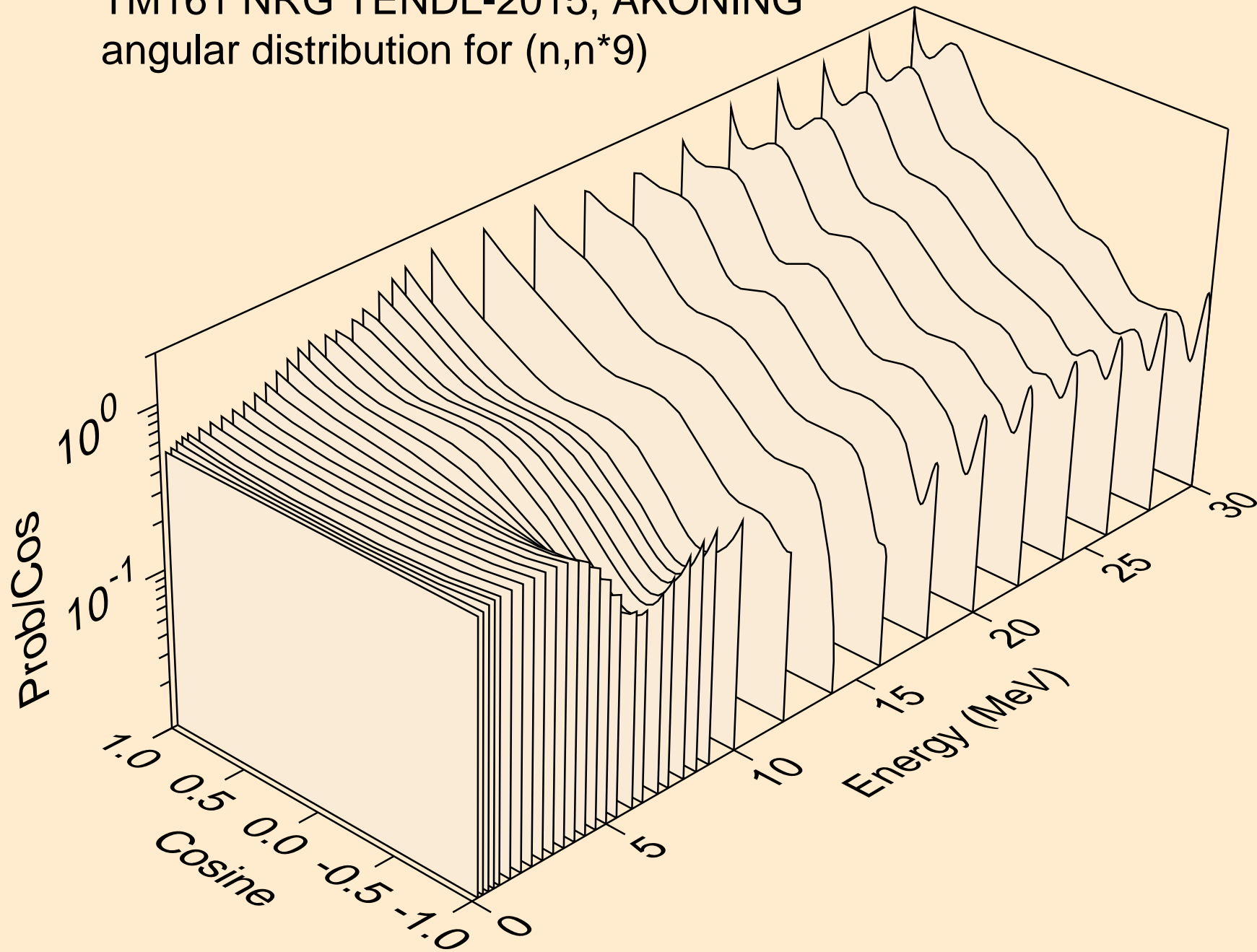


TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

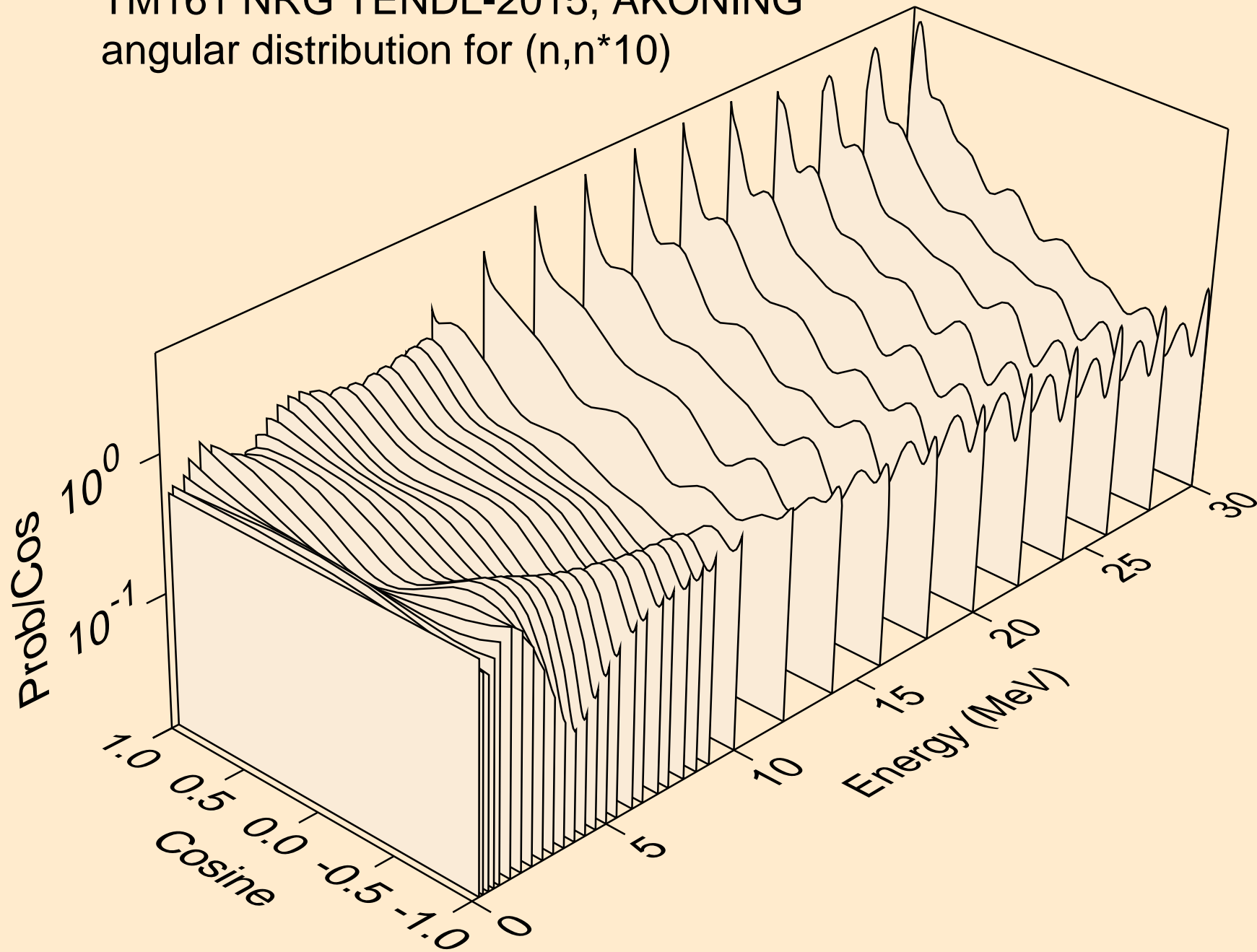




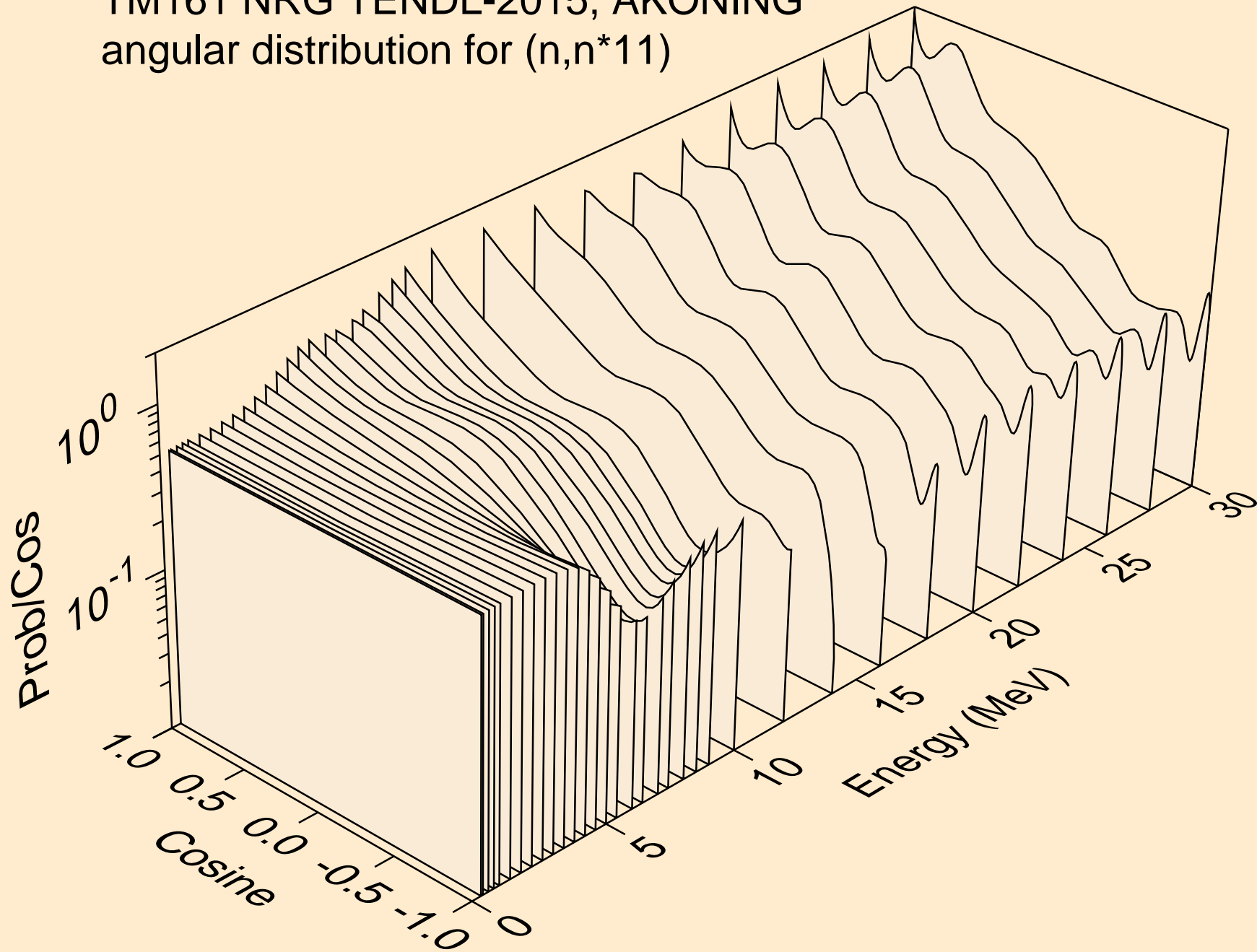
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



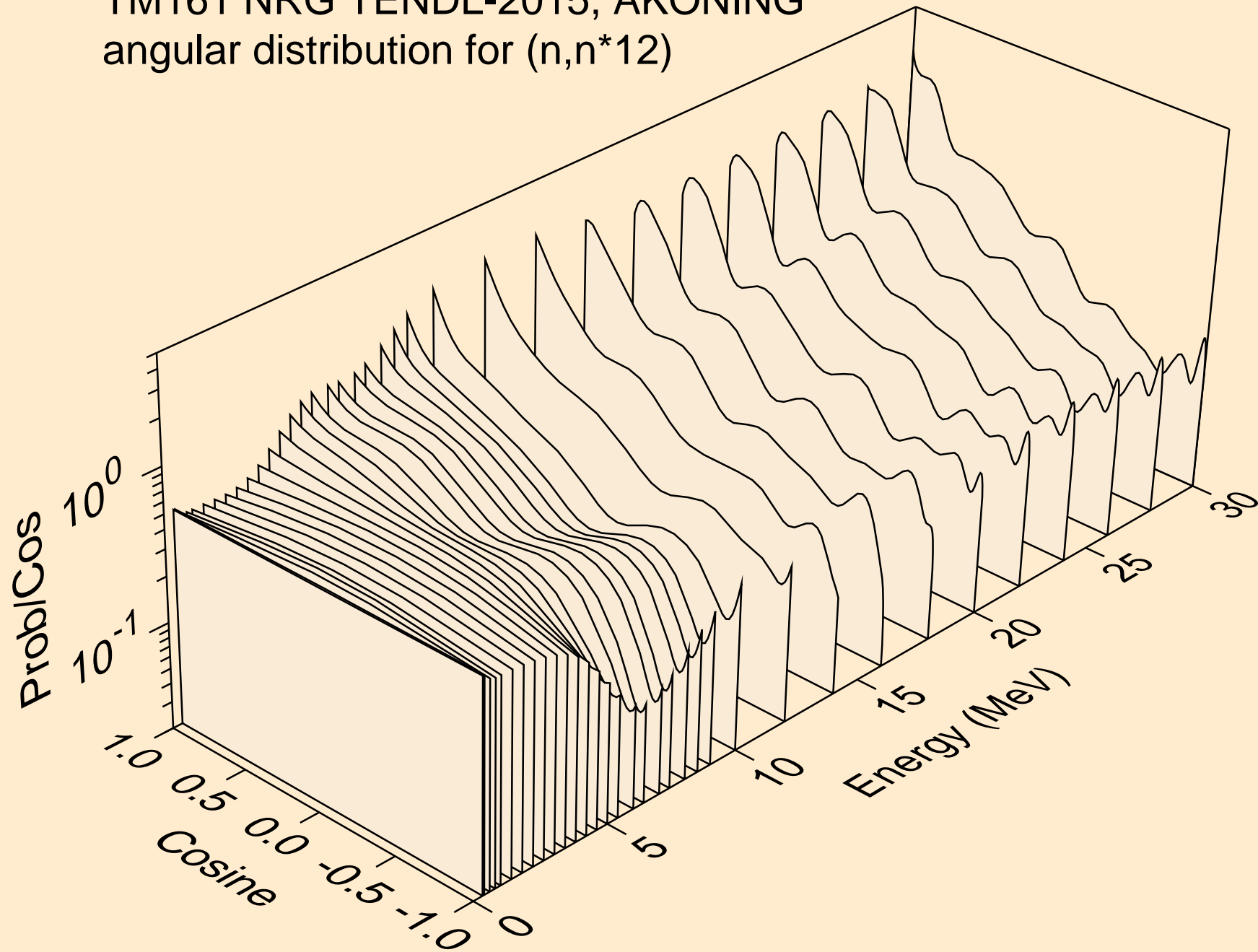
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



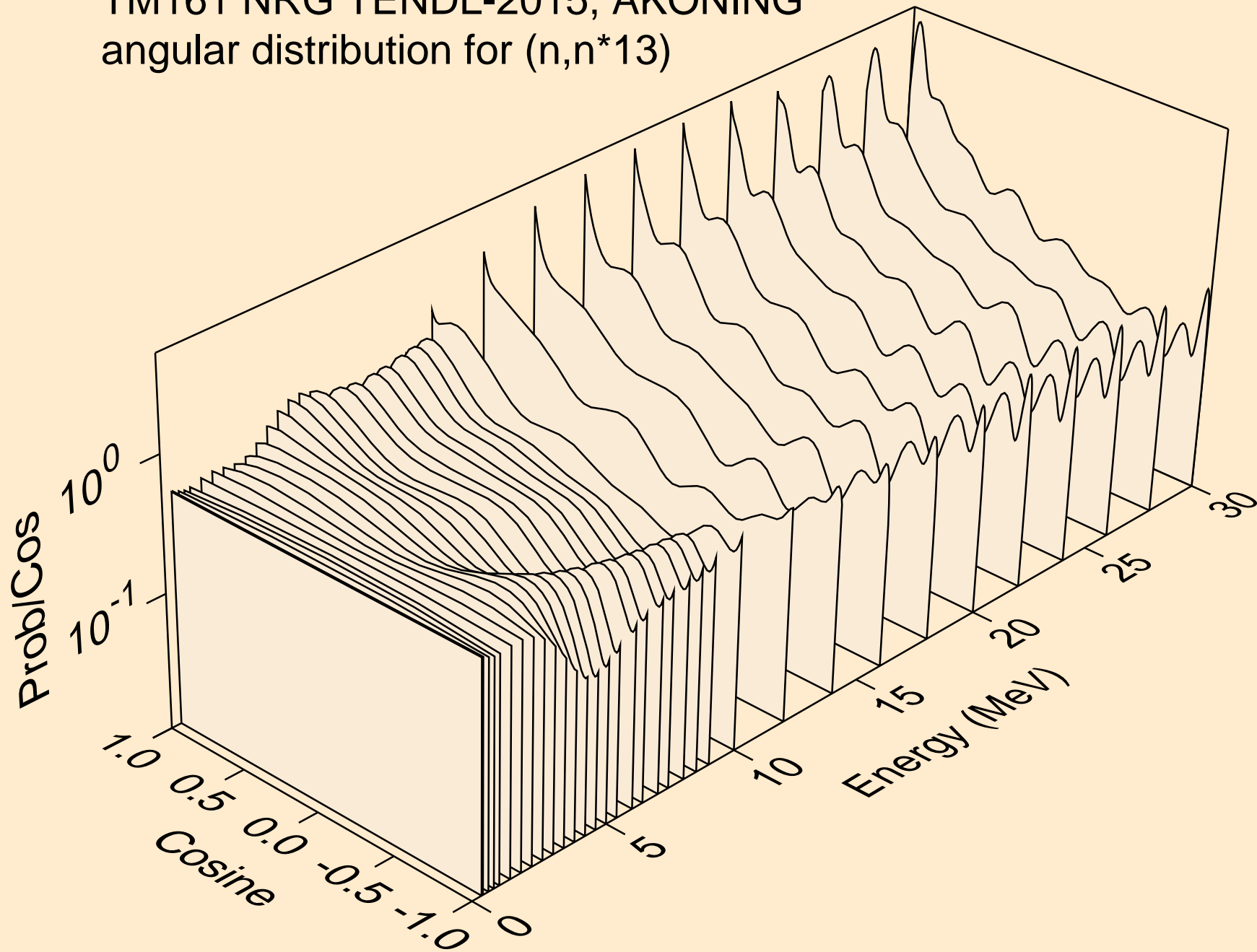
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



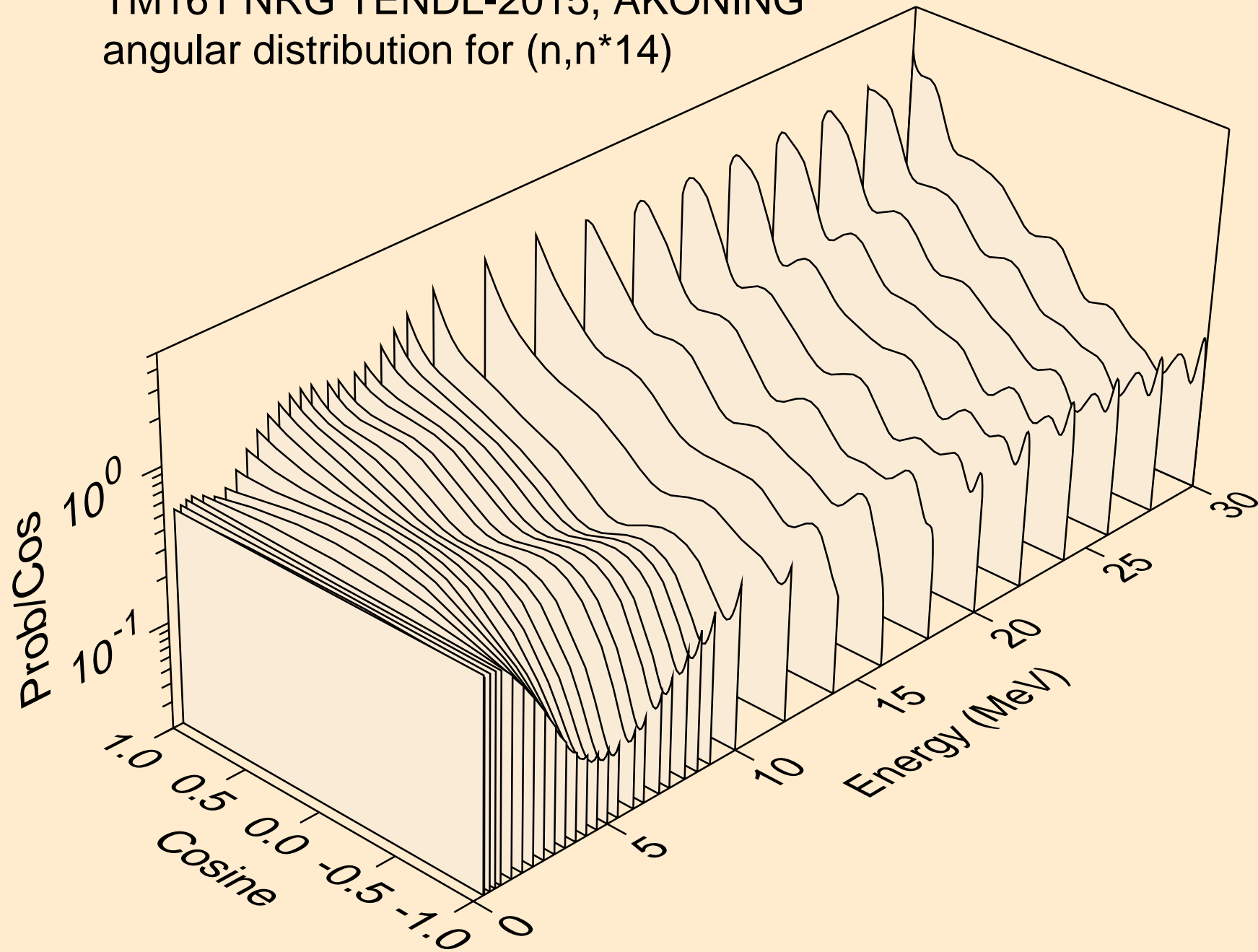
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



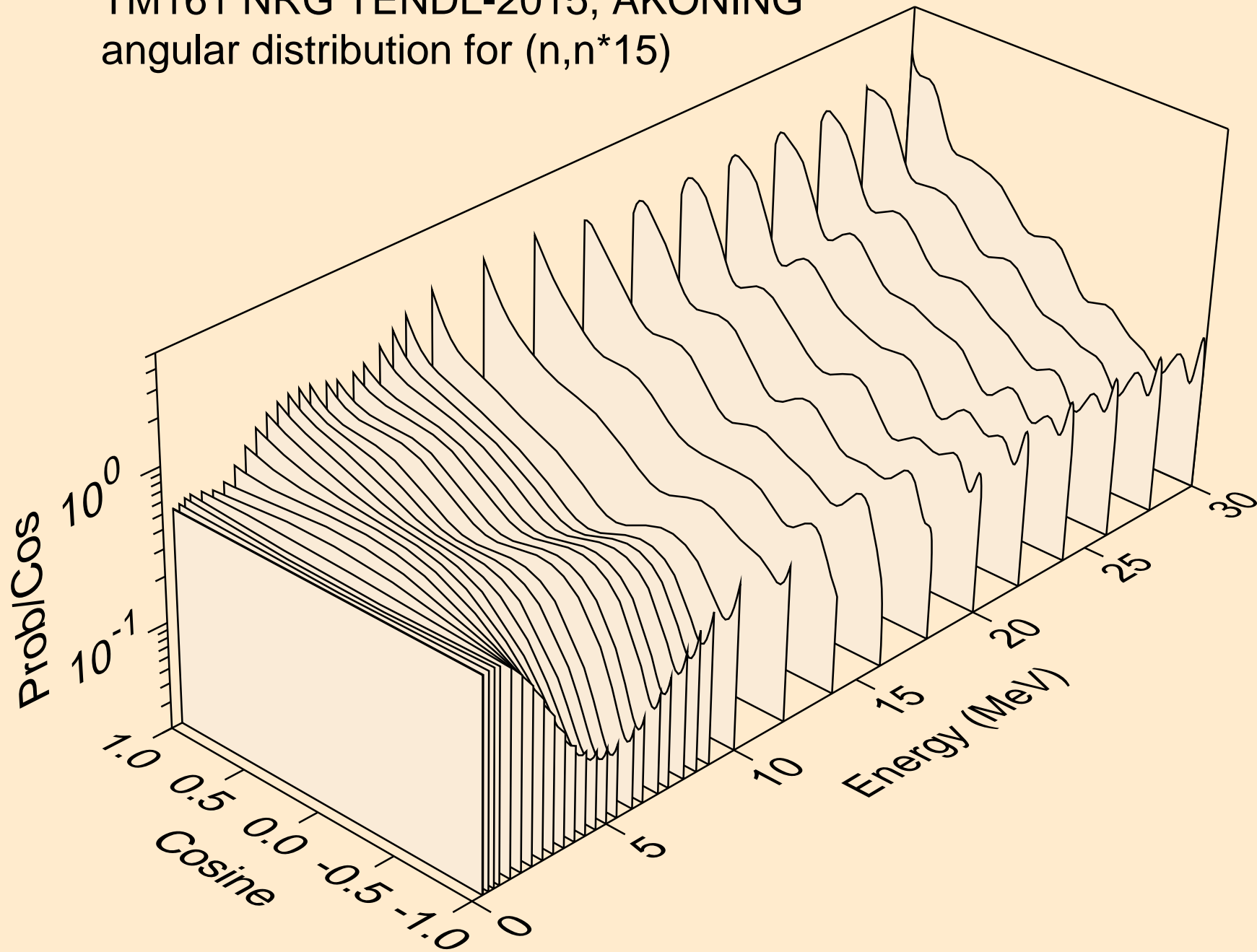
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



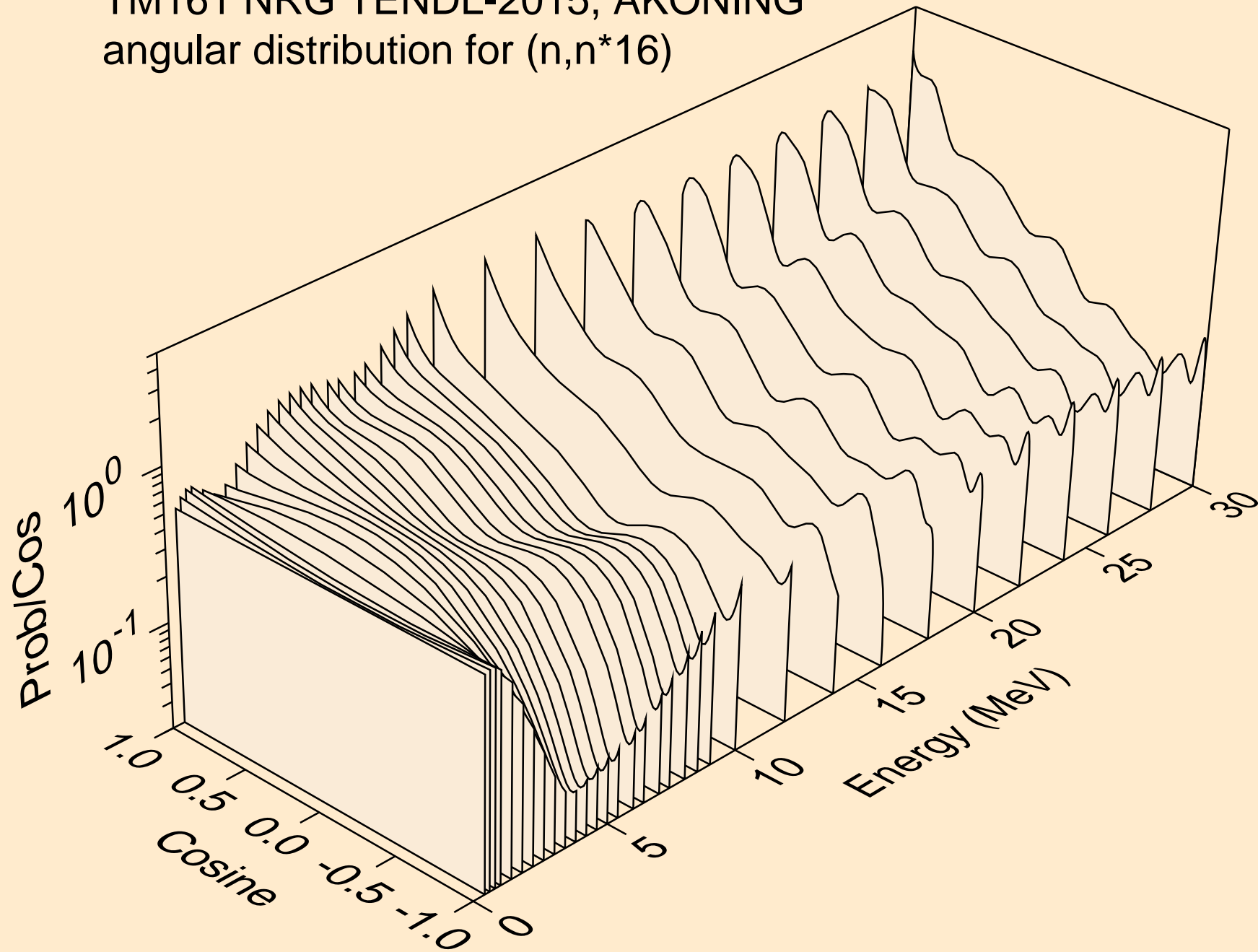
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

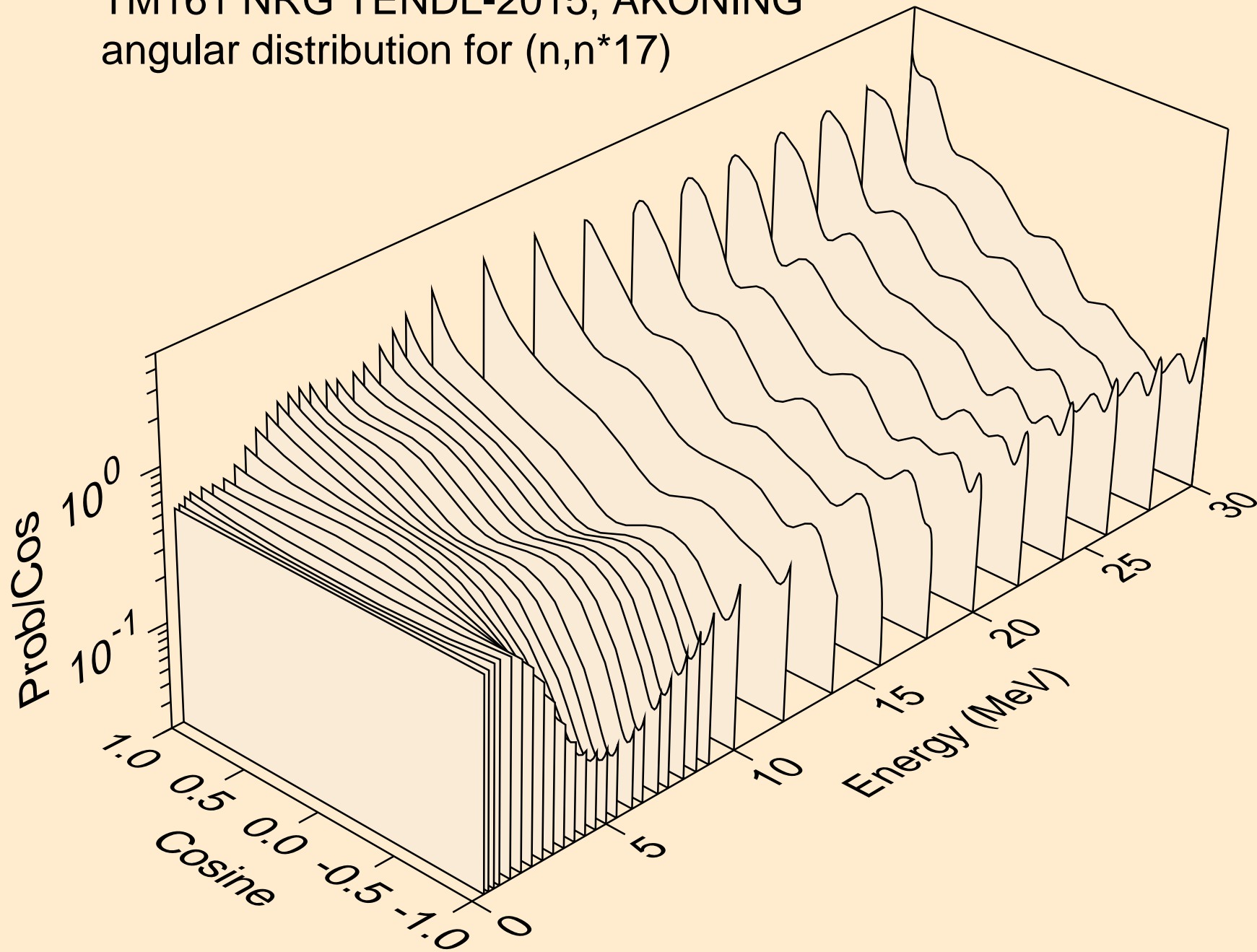


TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

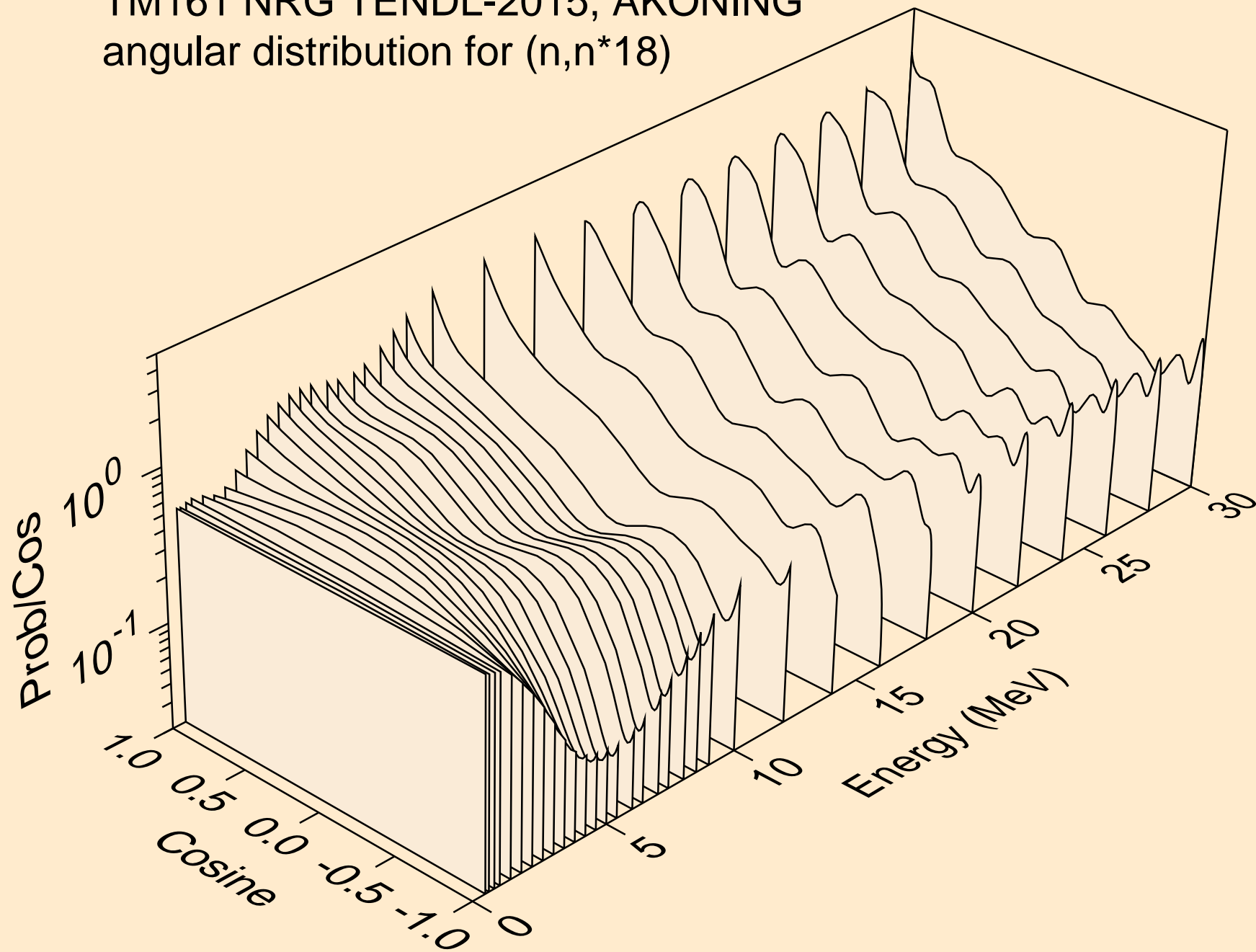




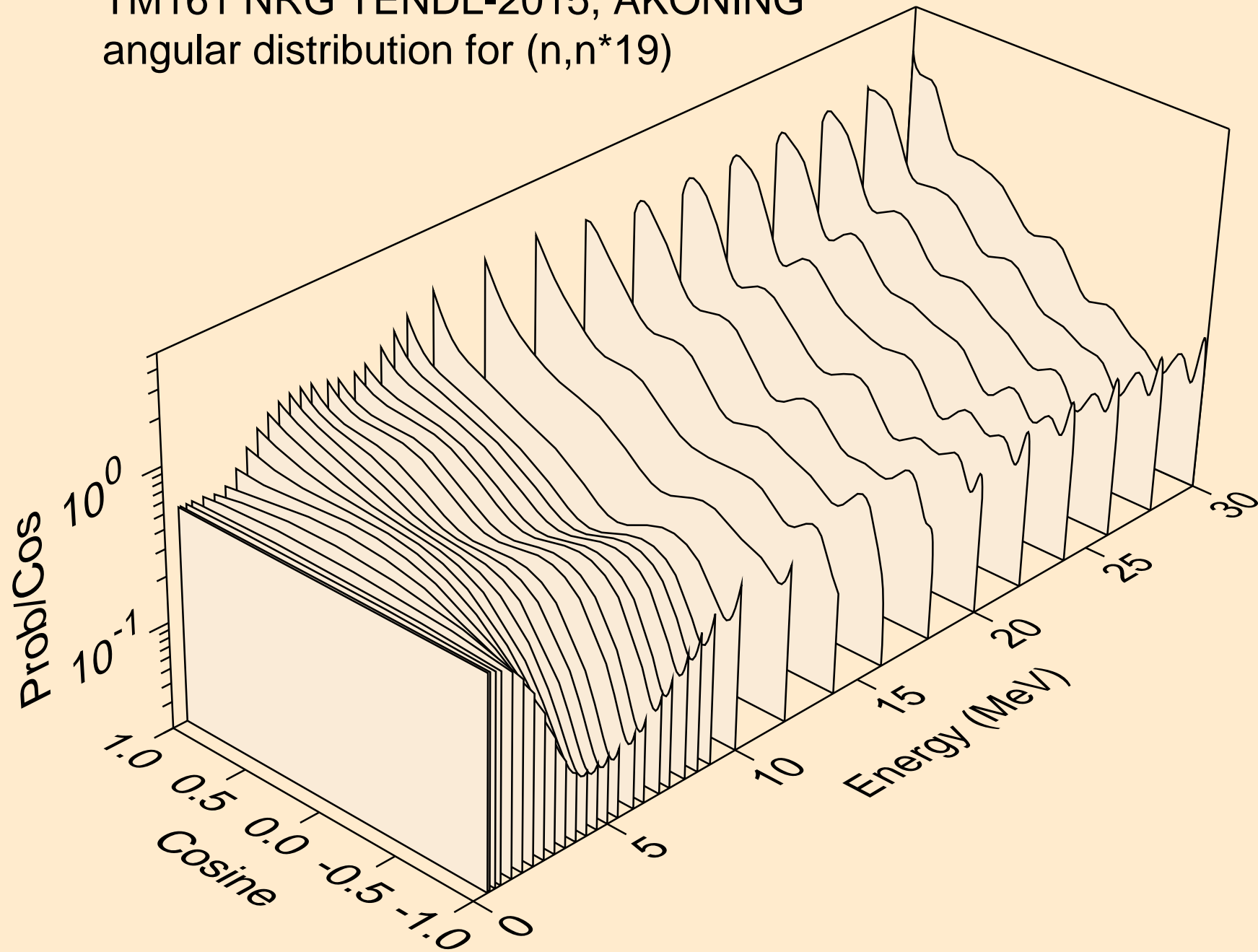
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



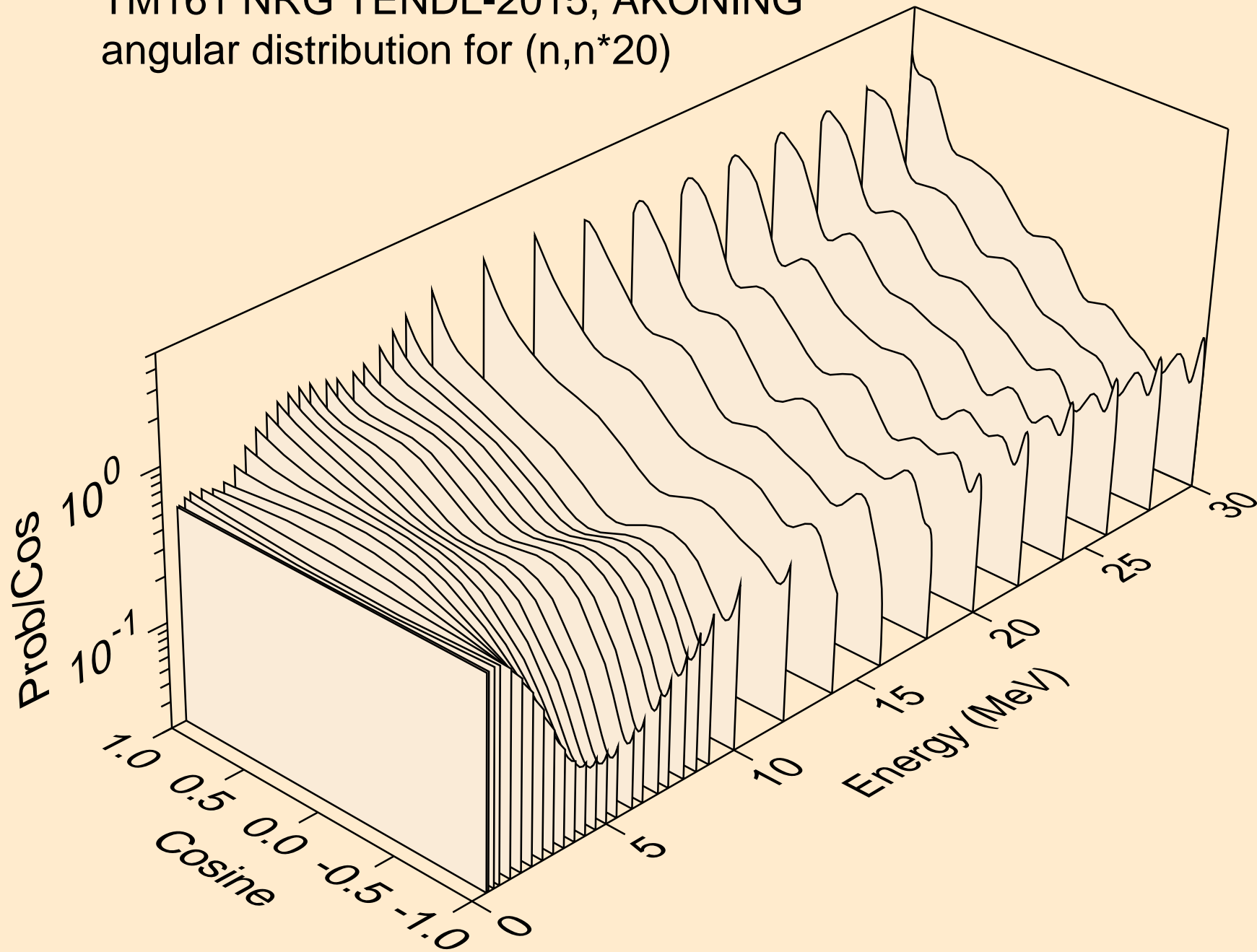
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



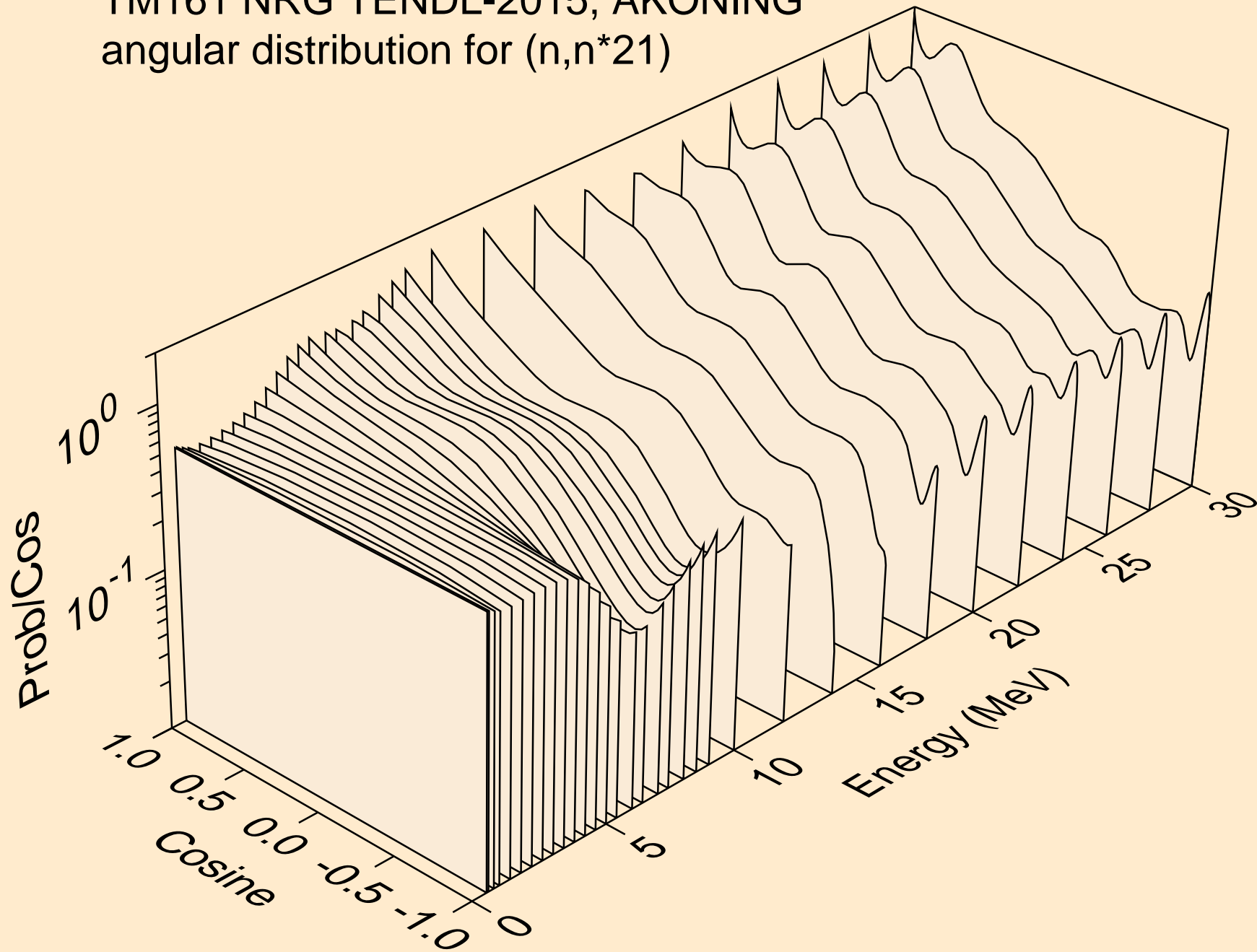
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



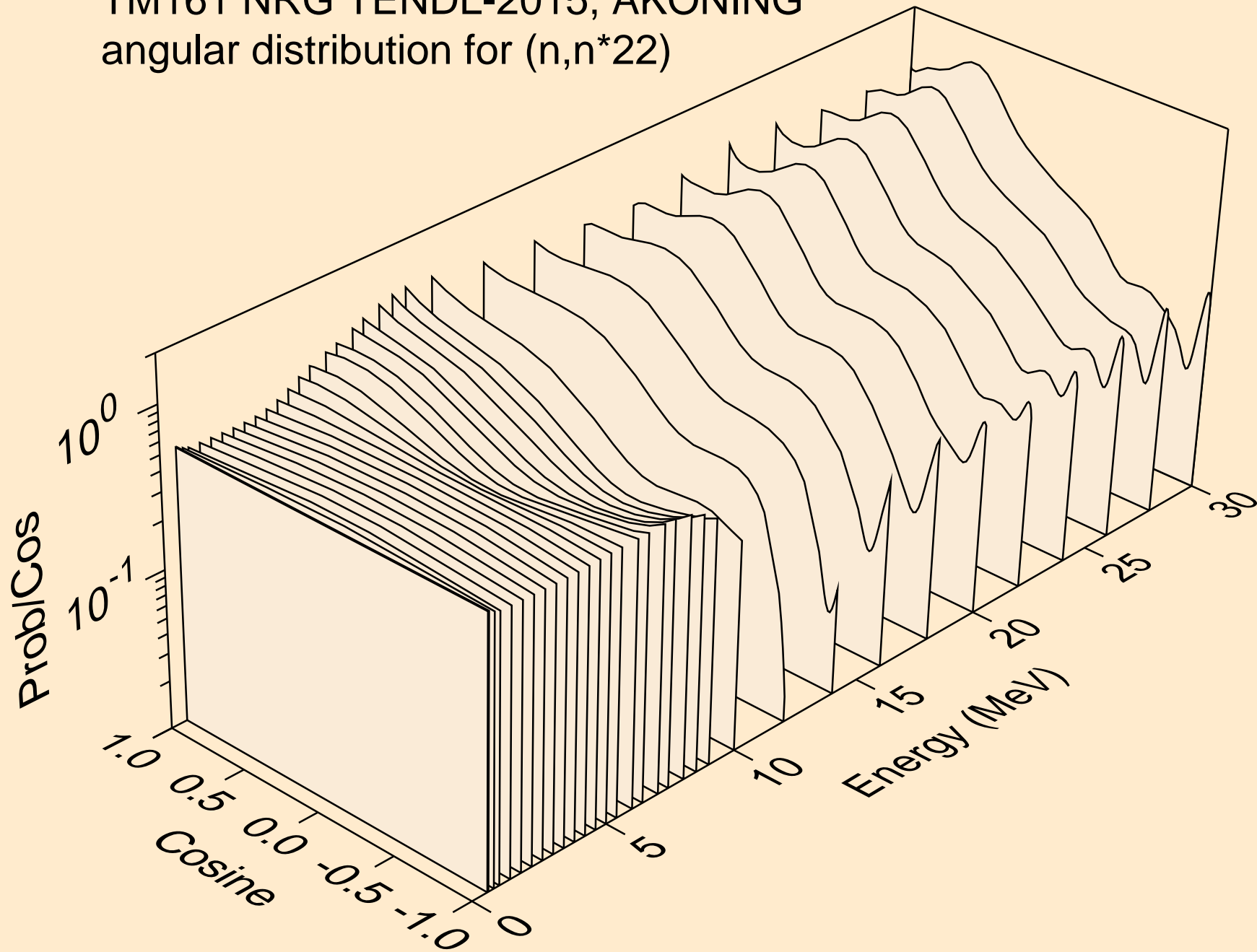
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



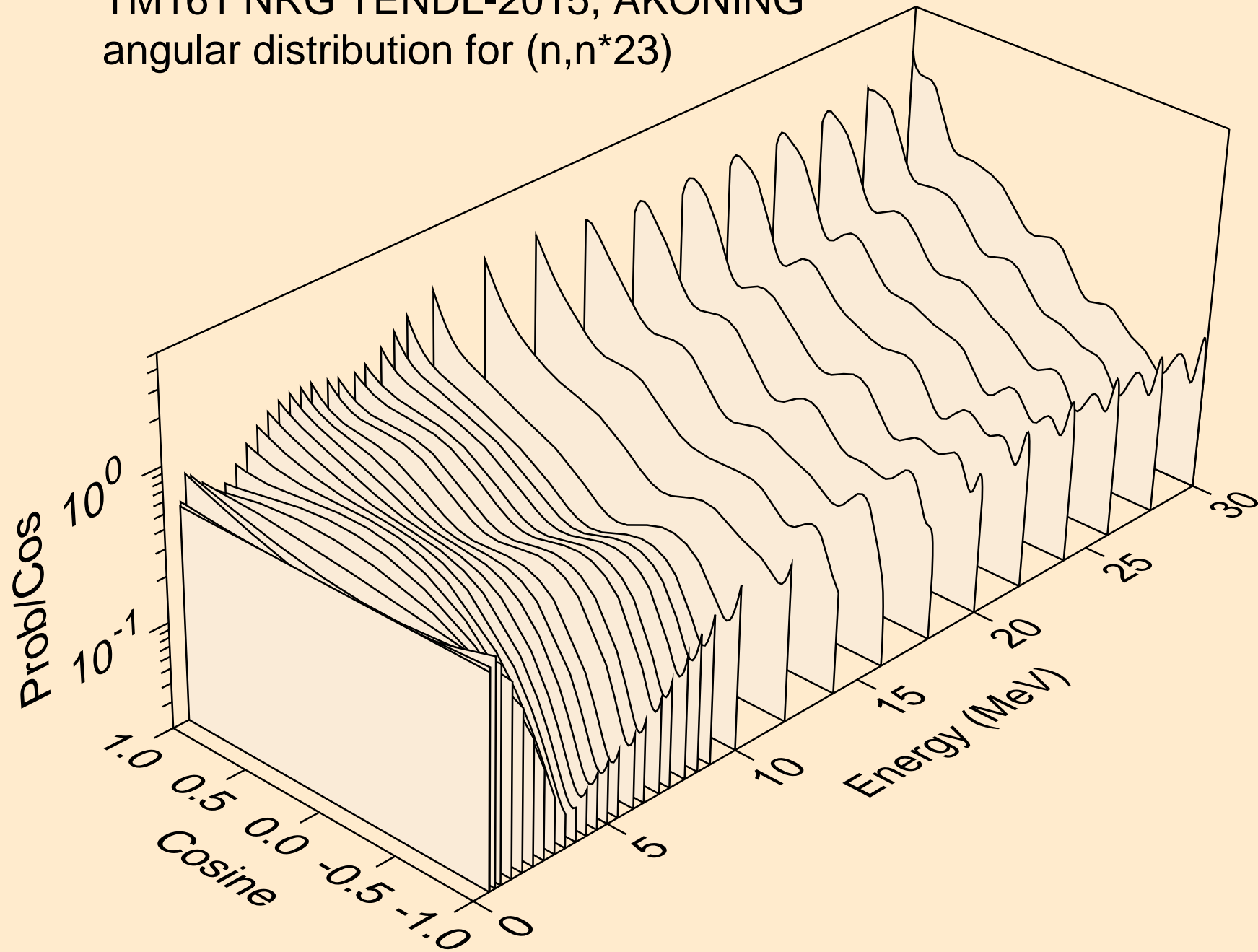
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



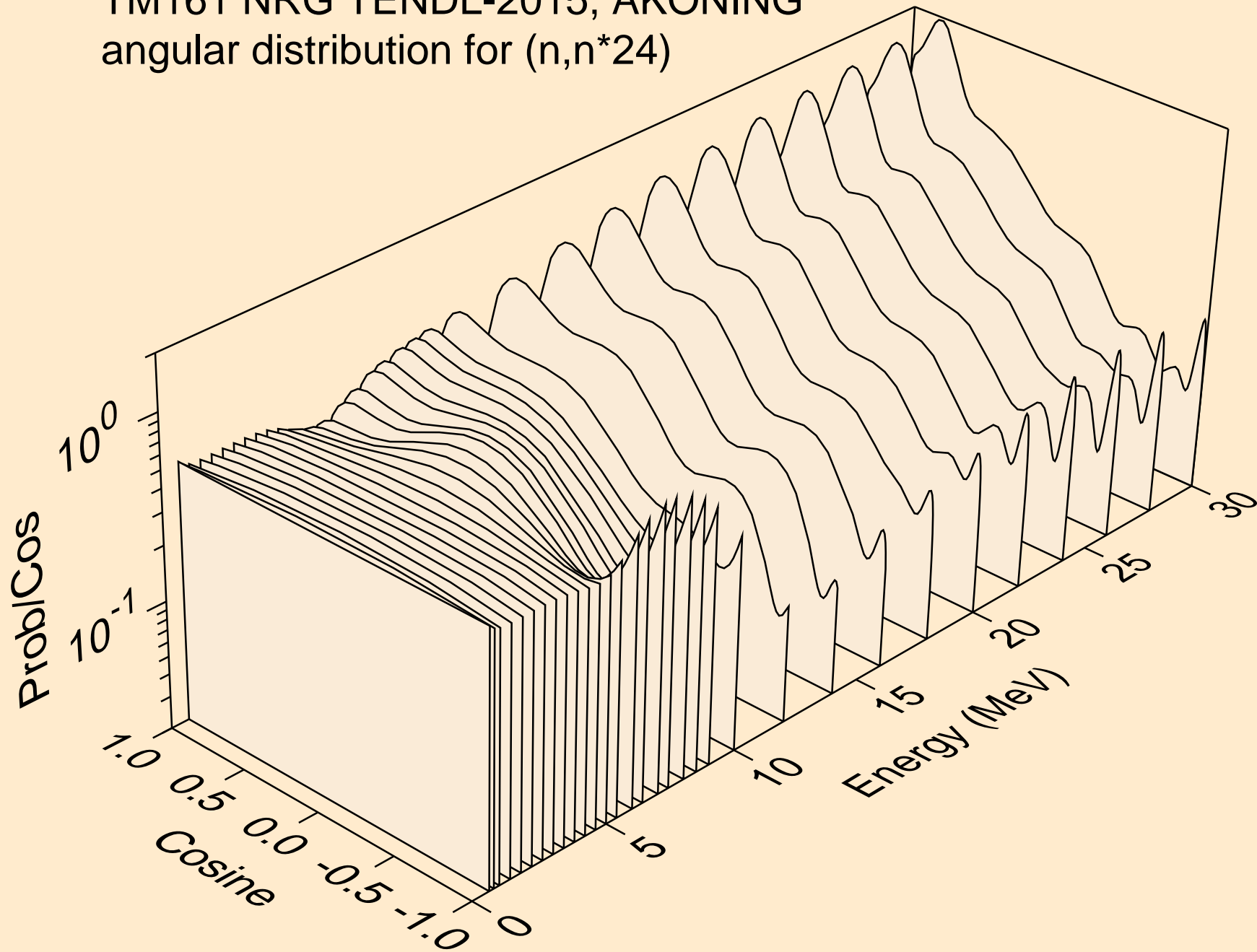
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

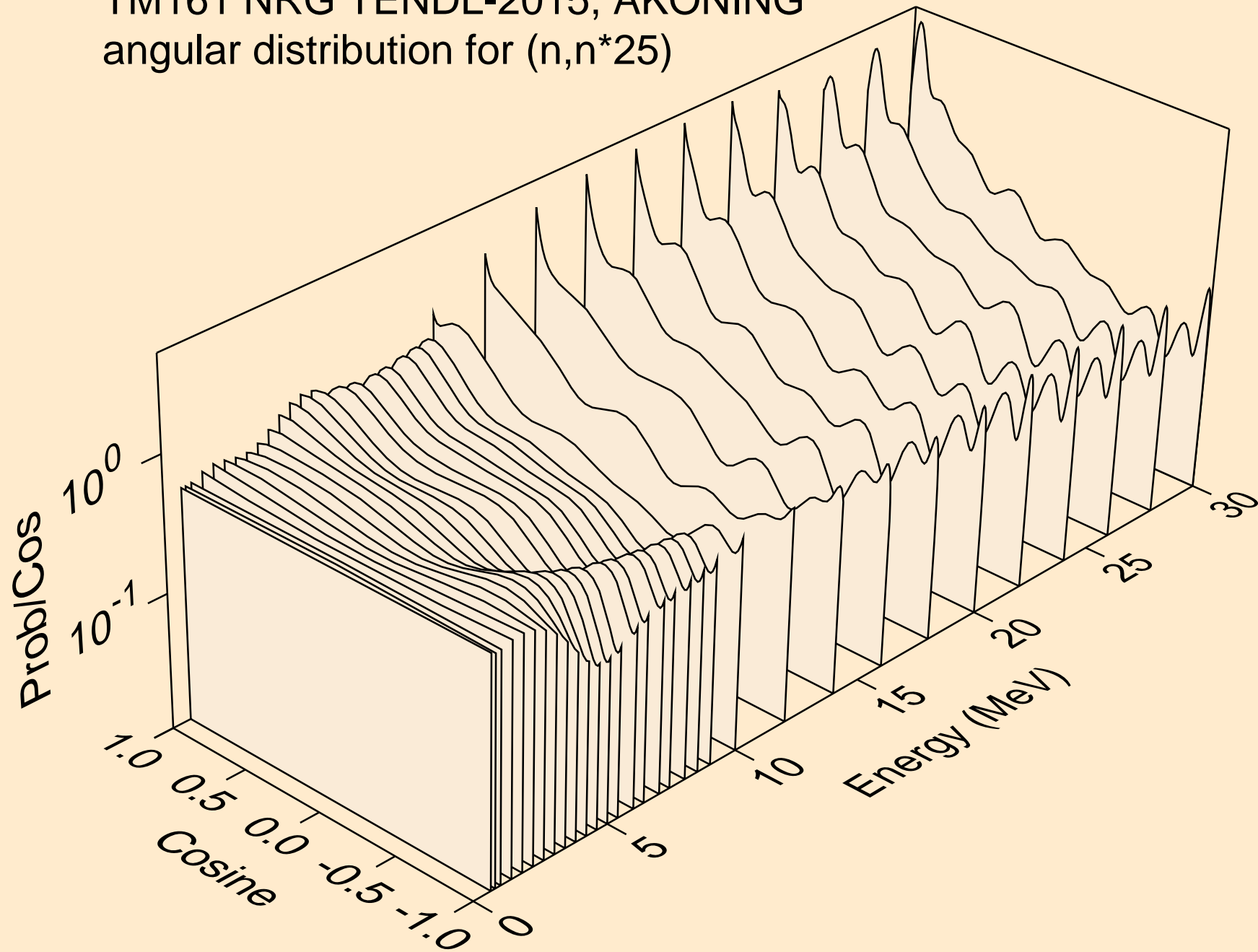


TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

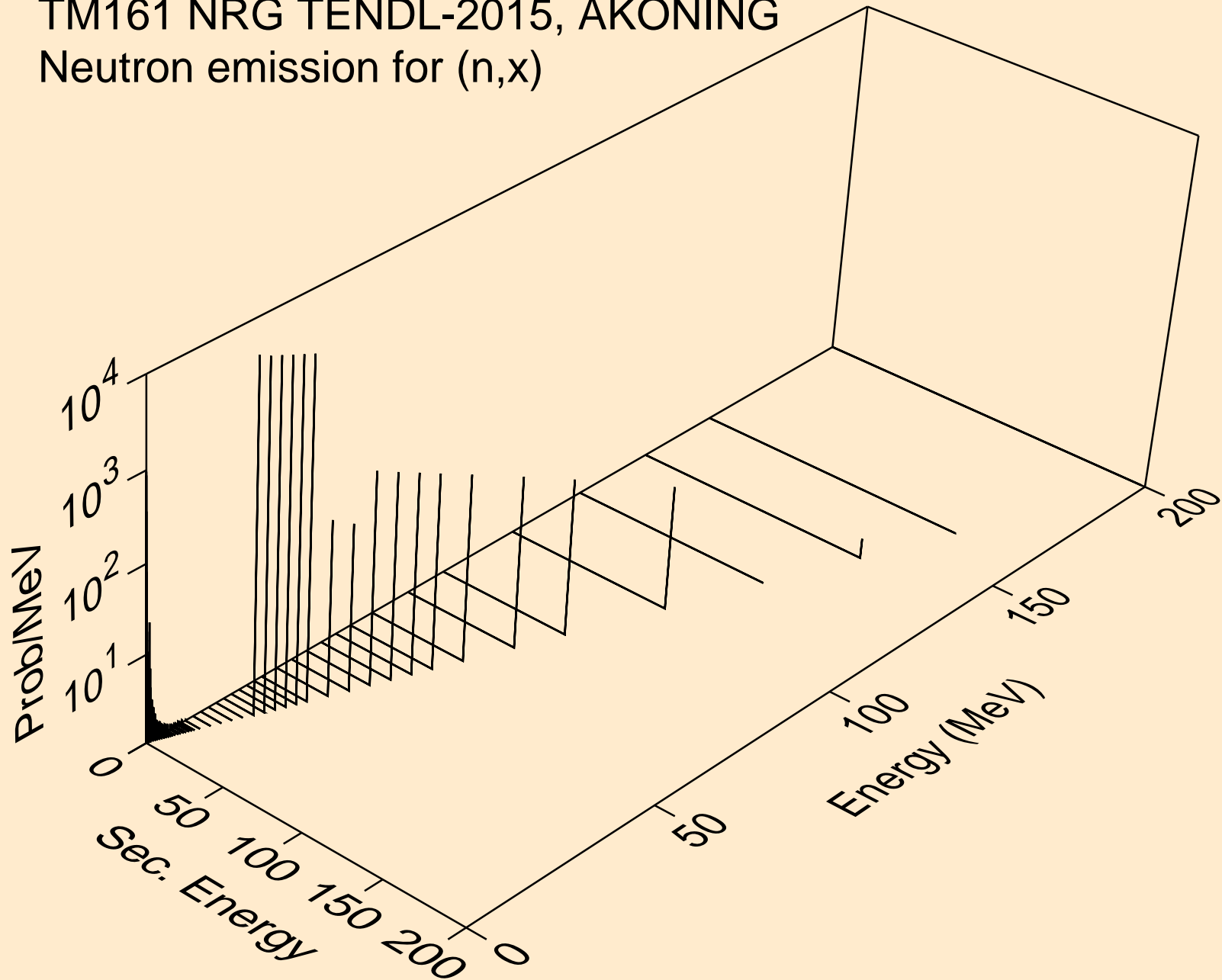




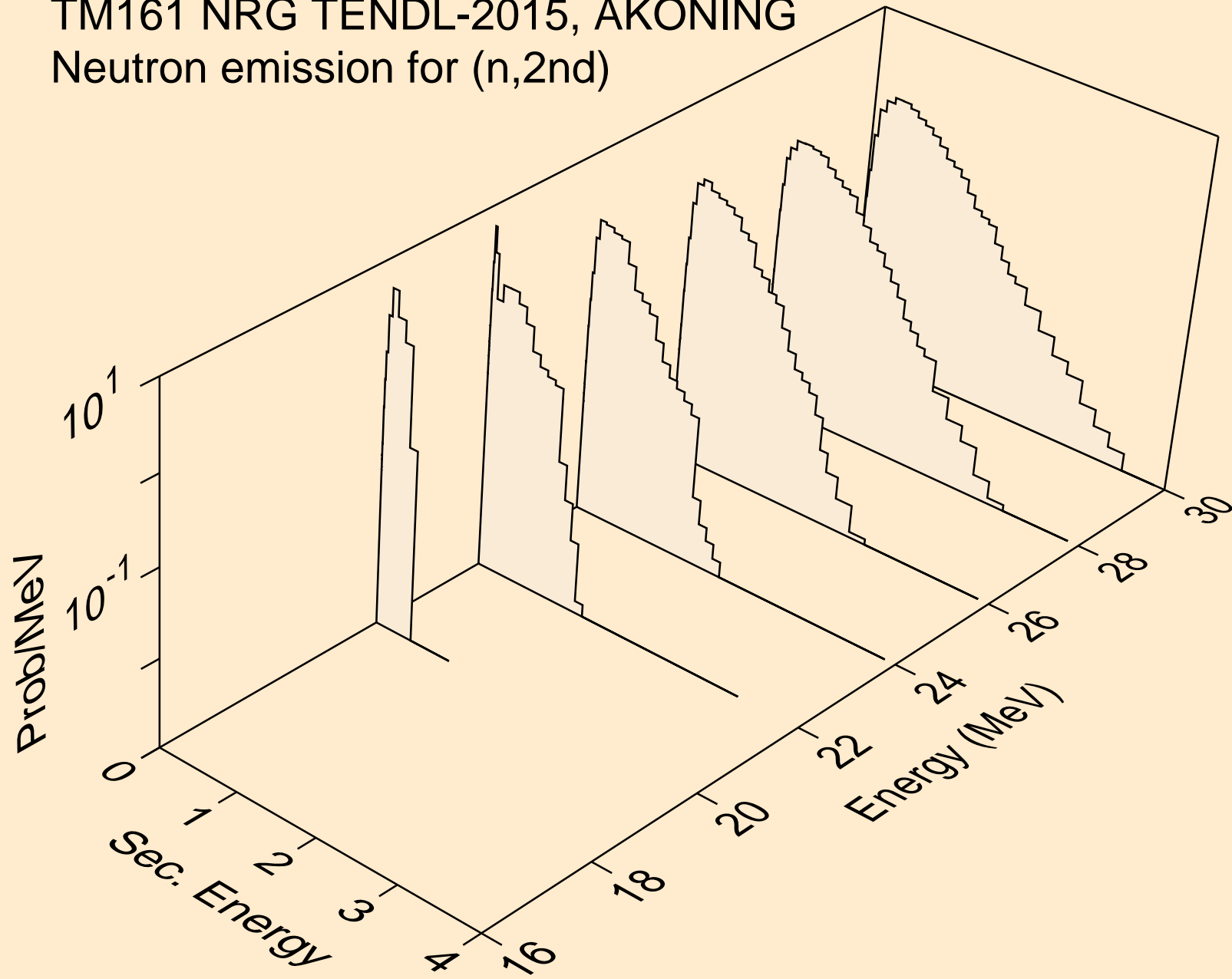
TM161 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



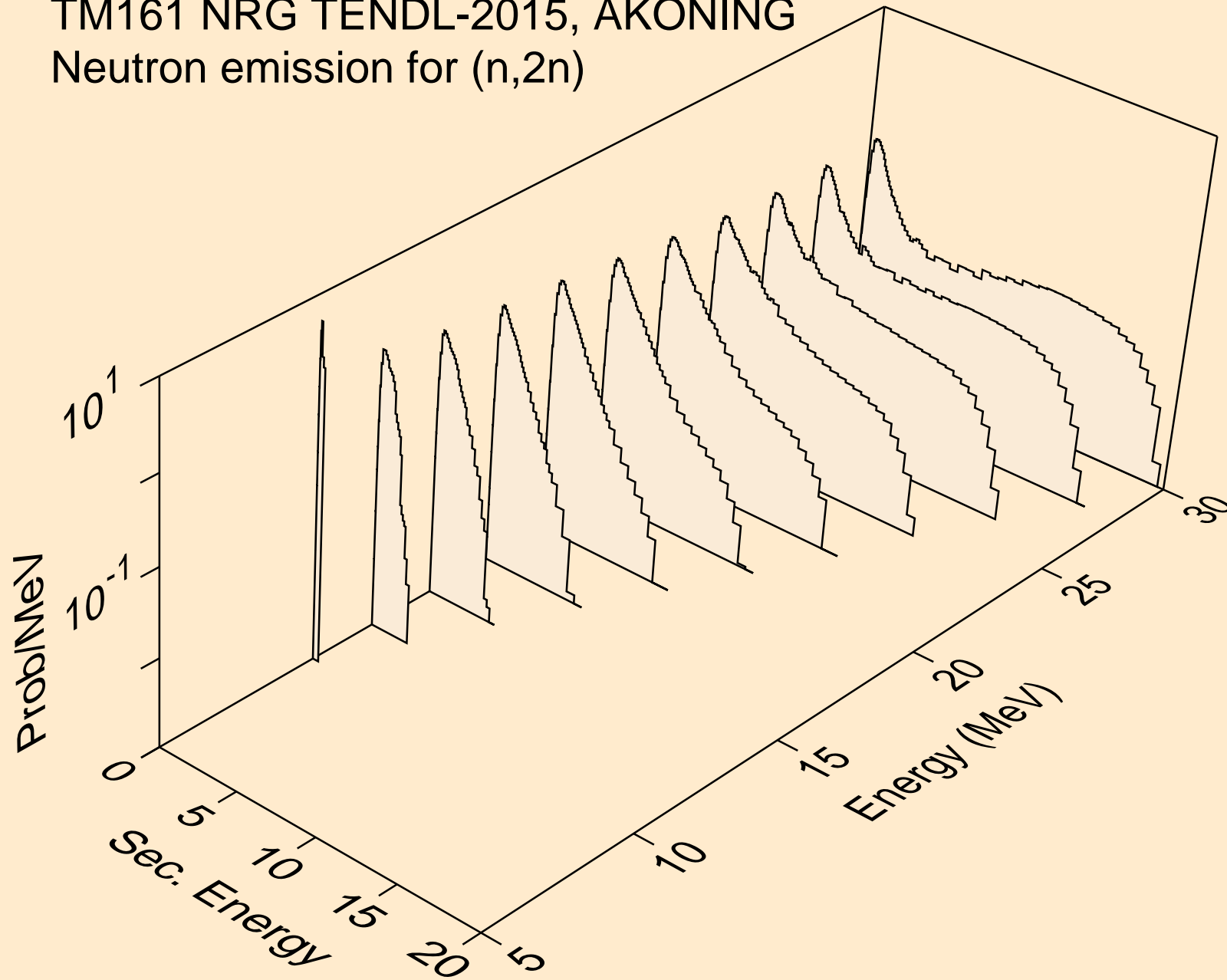
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



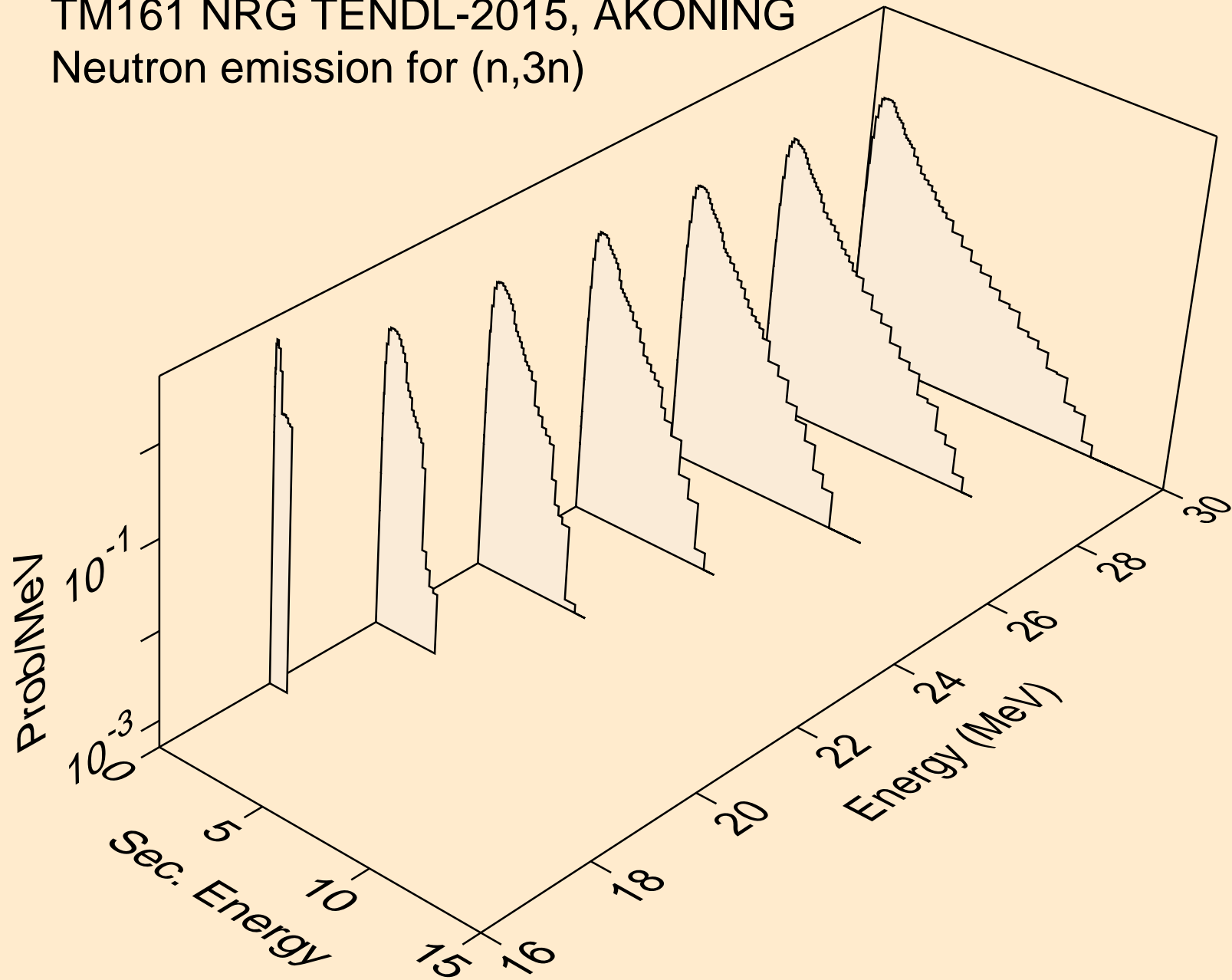
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



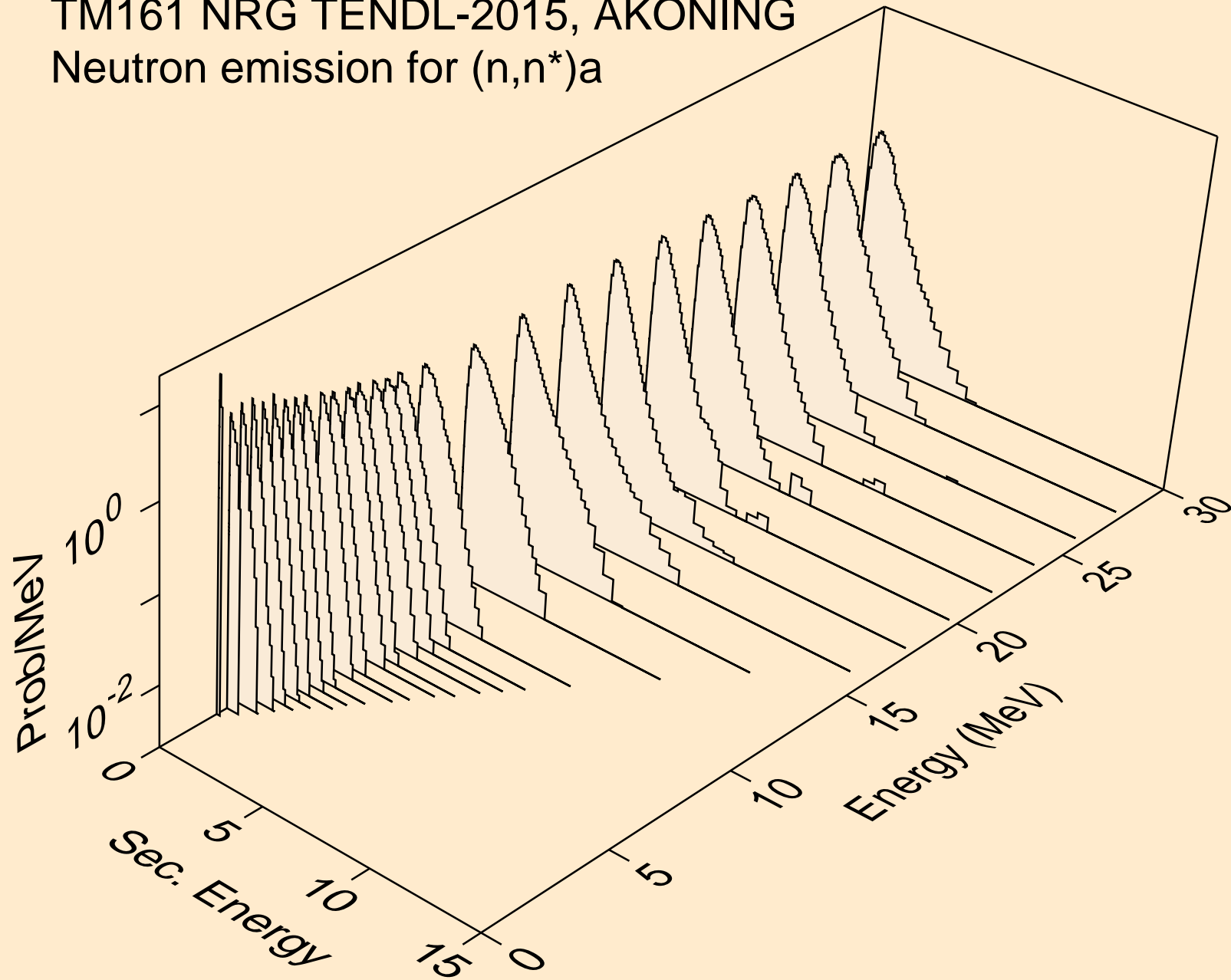
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



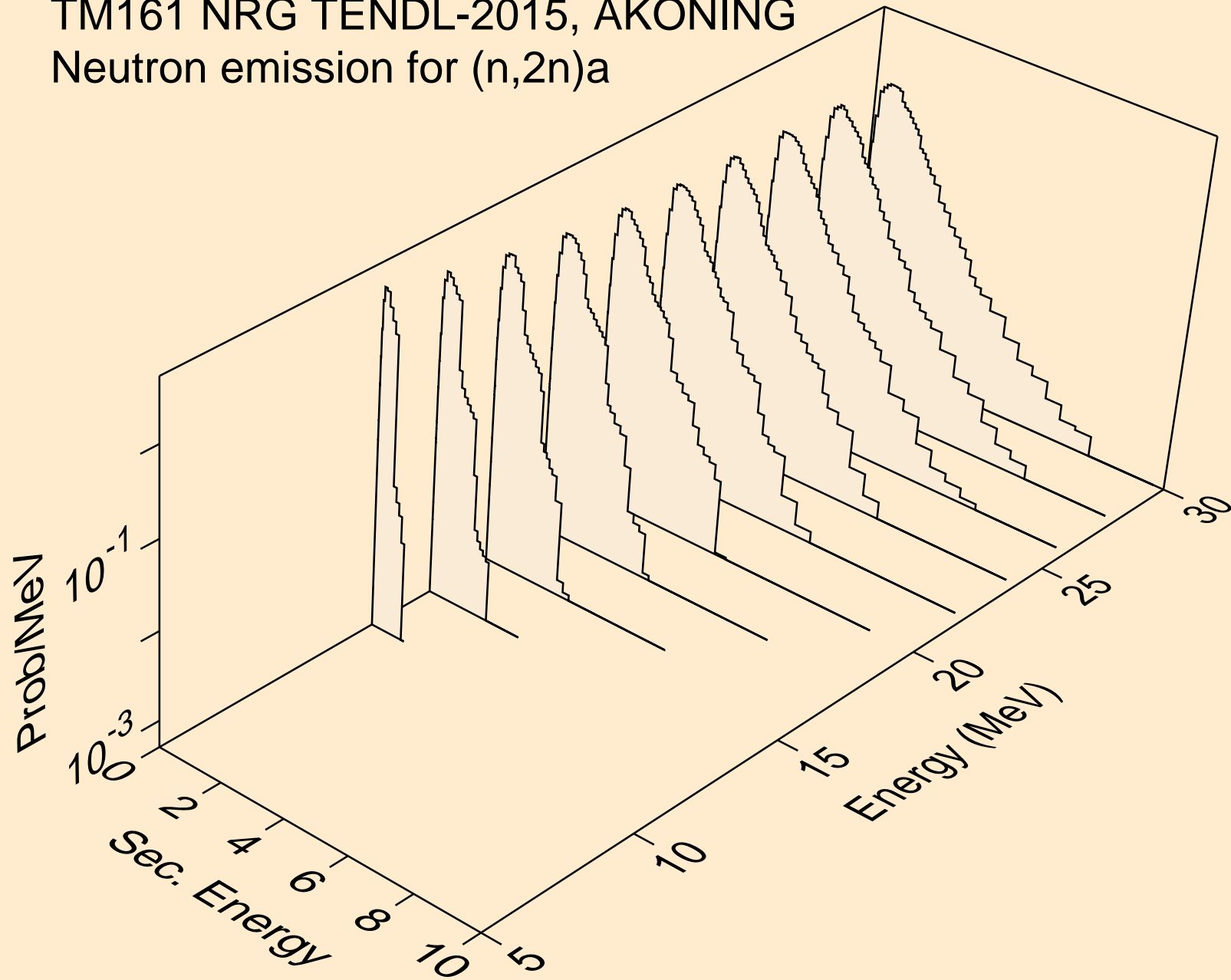
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



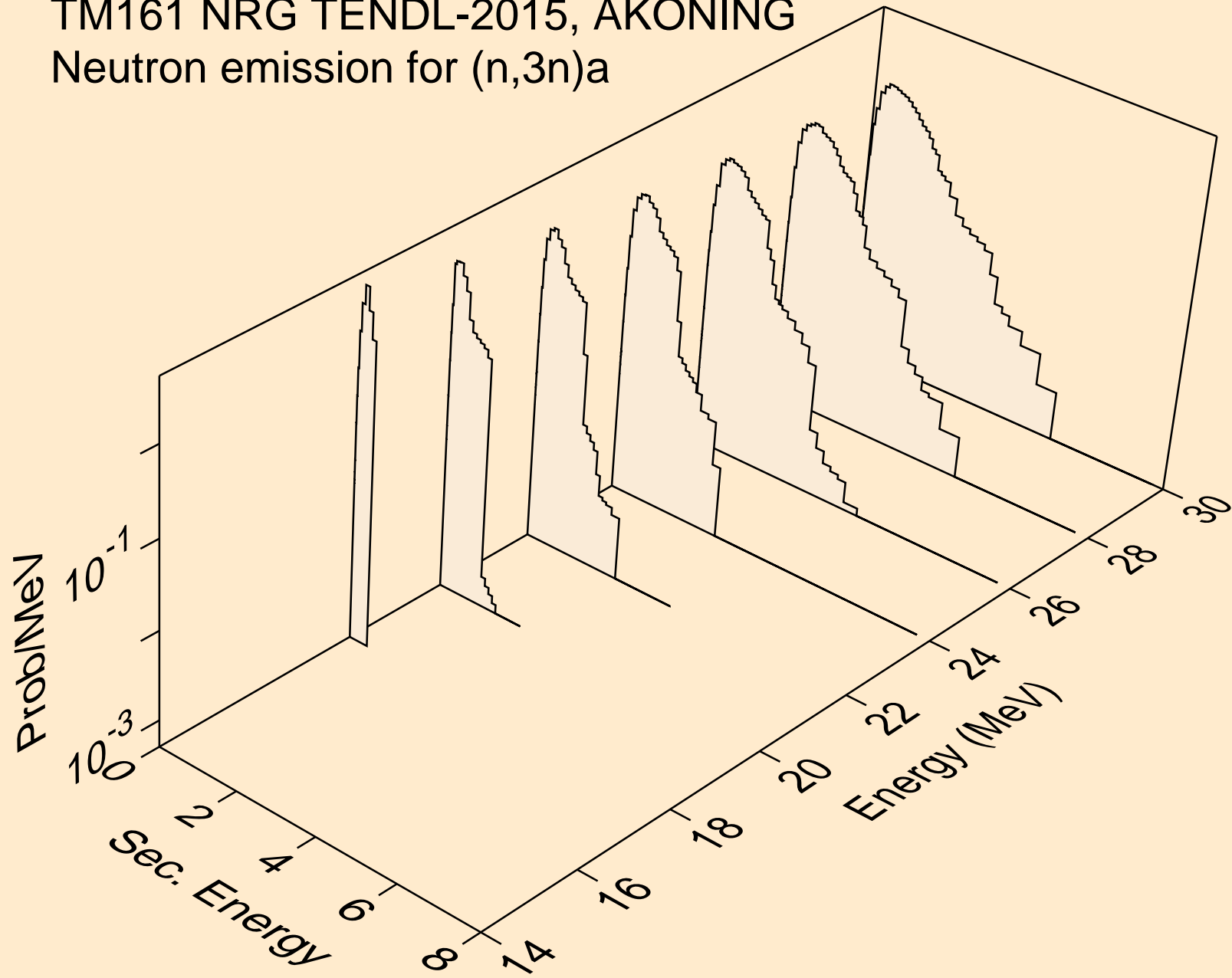
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

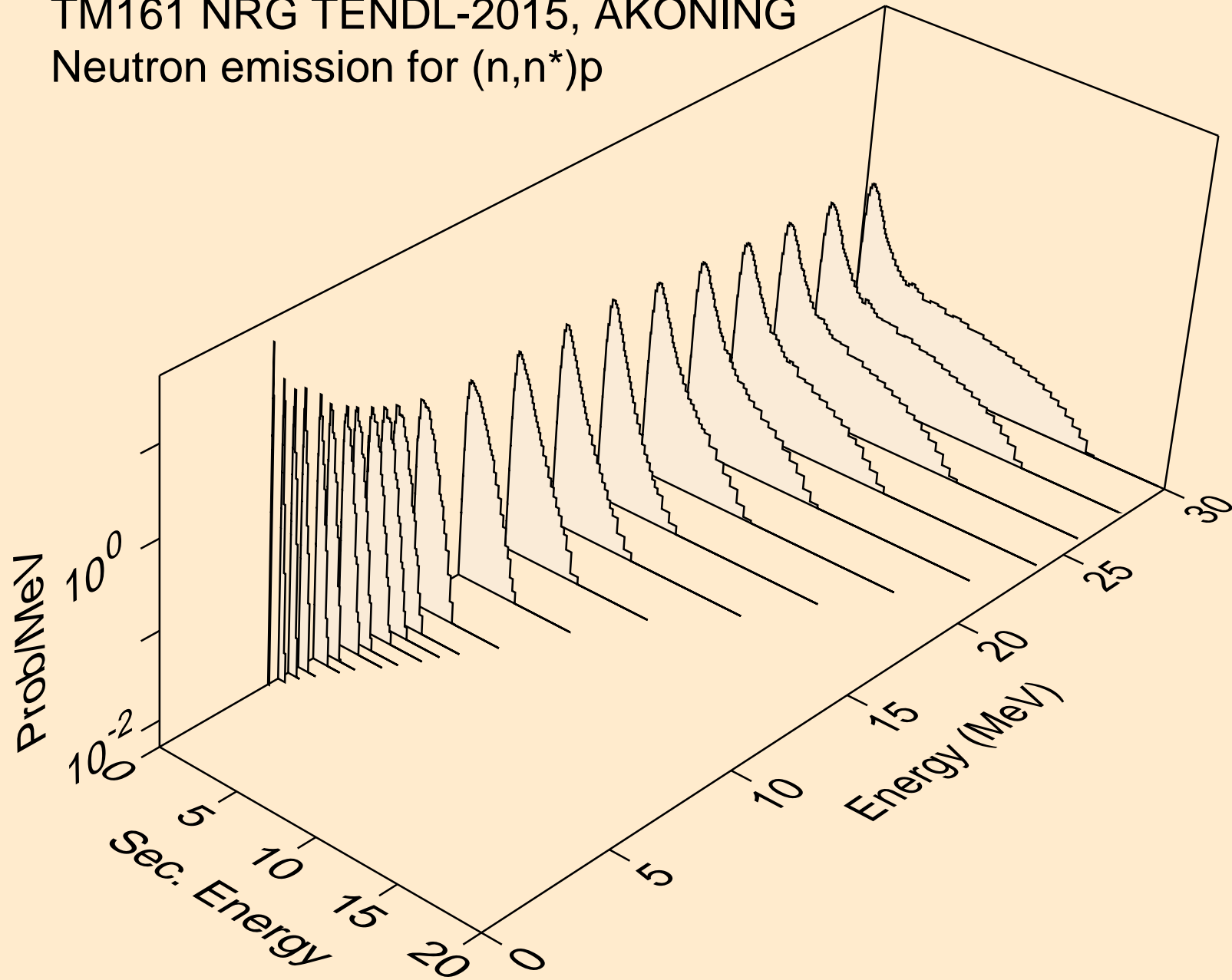


TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

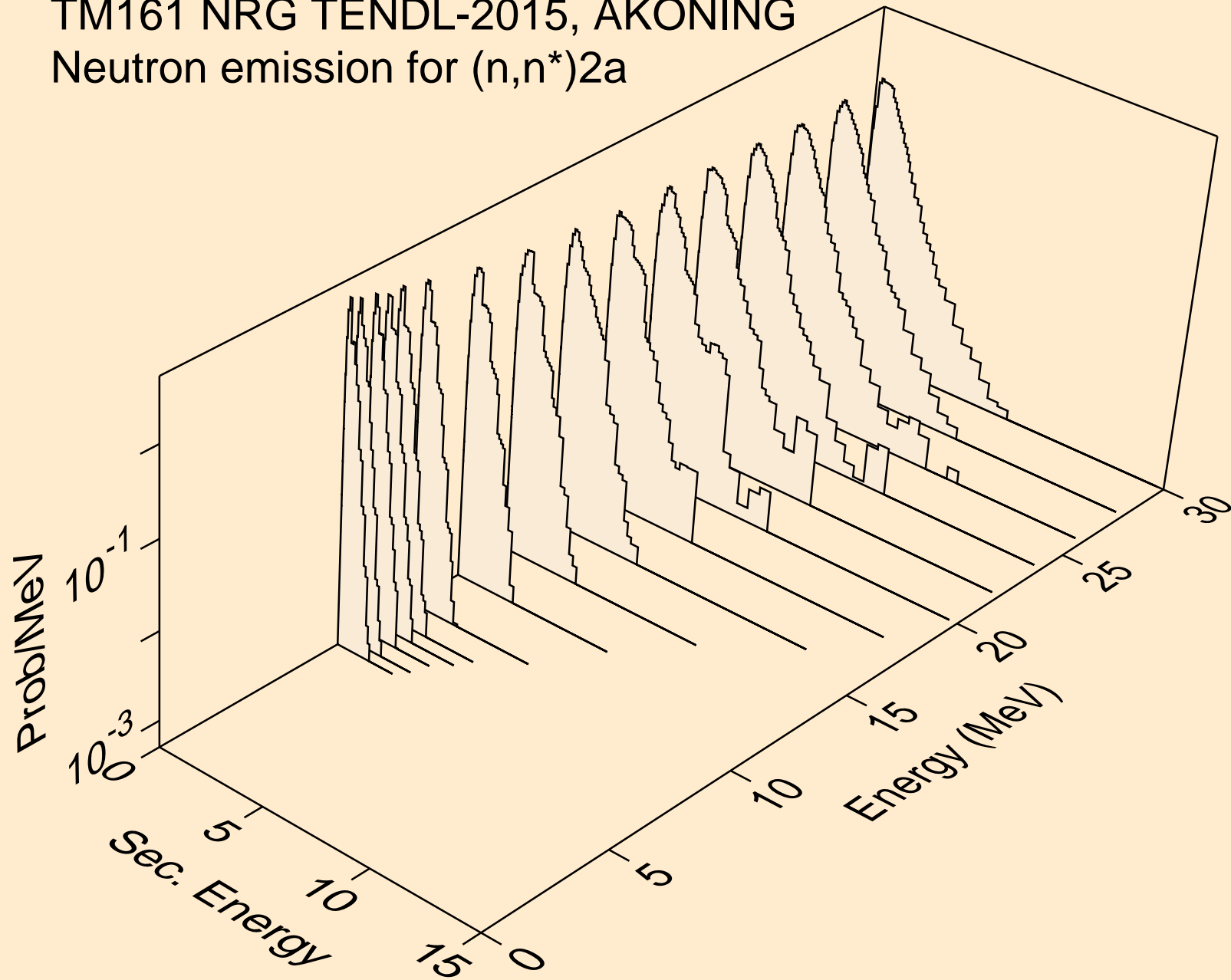




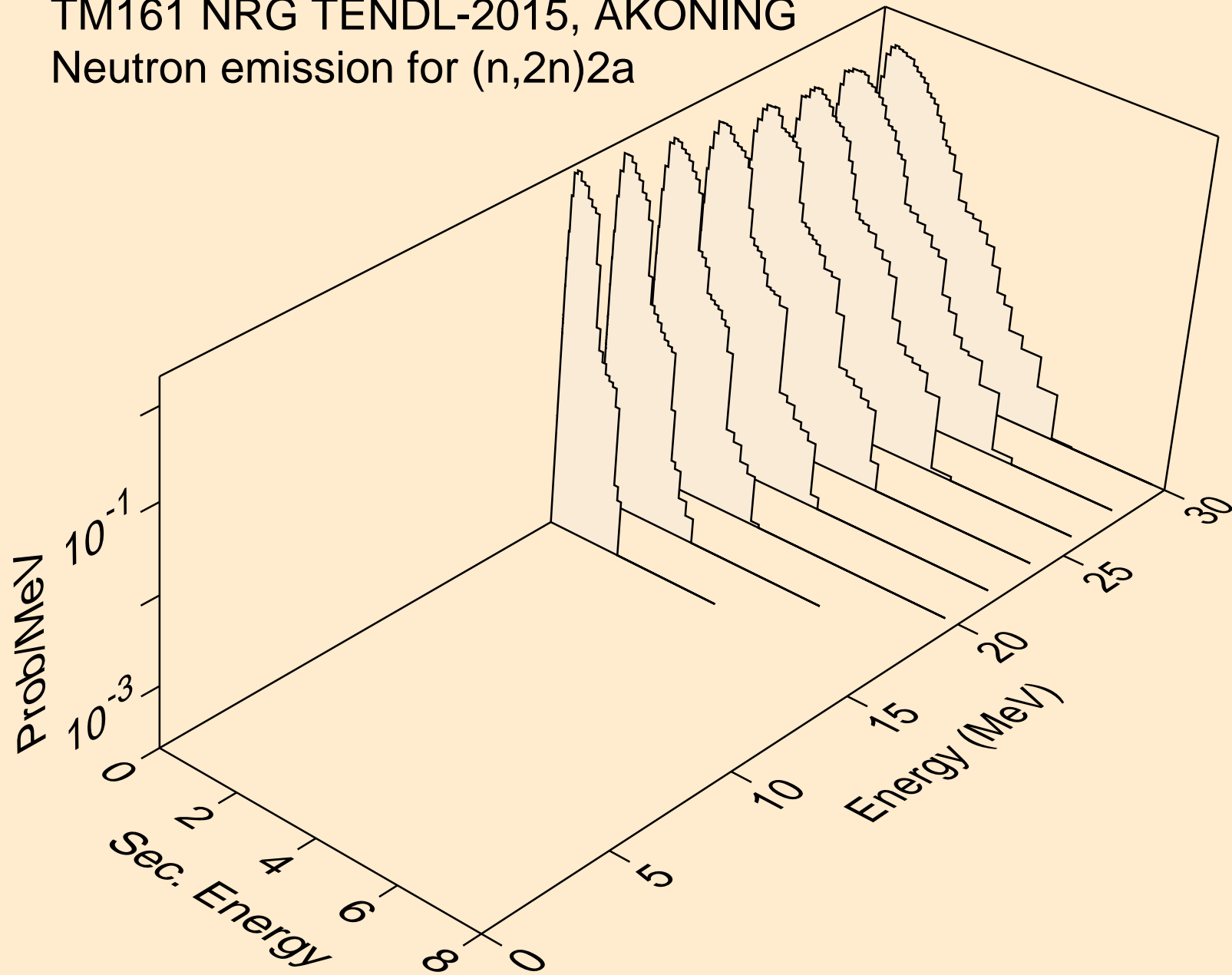
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



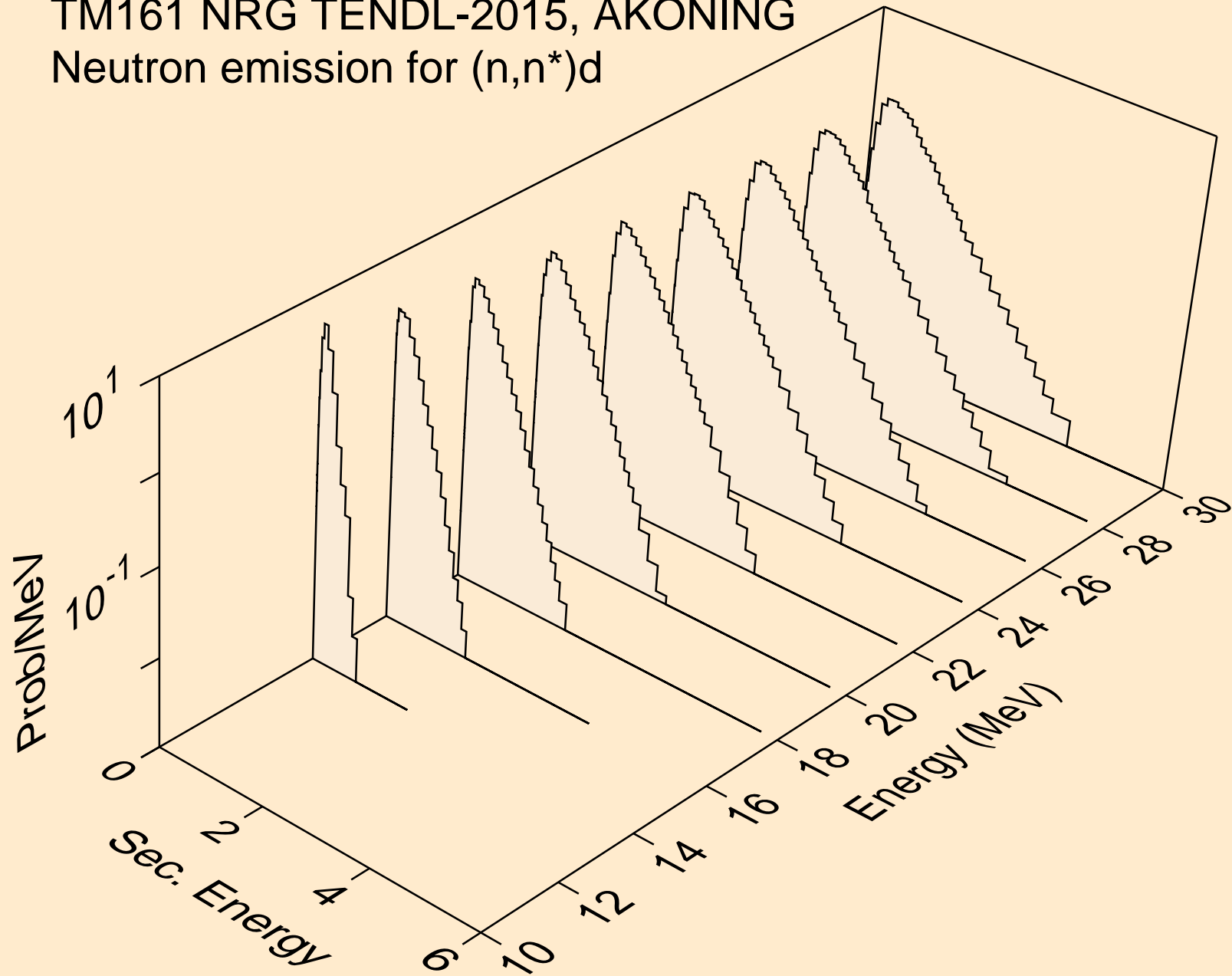
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



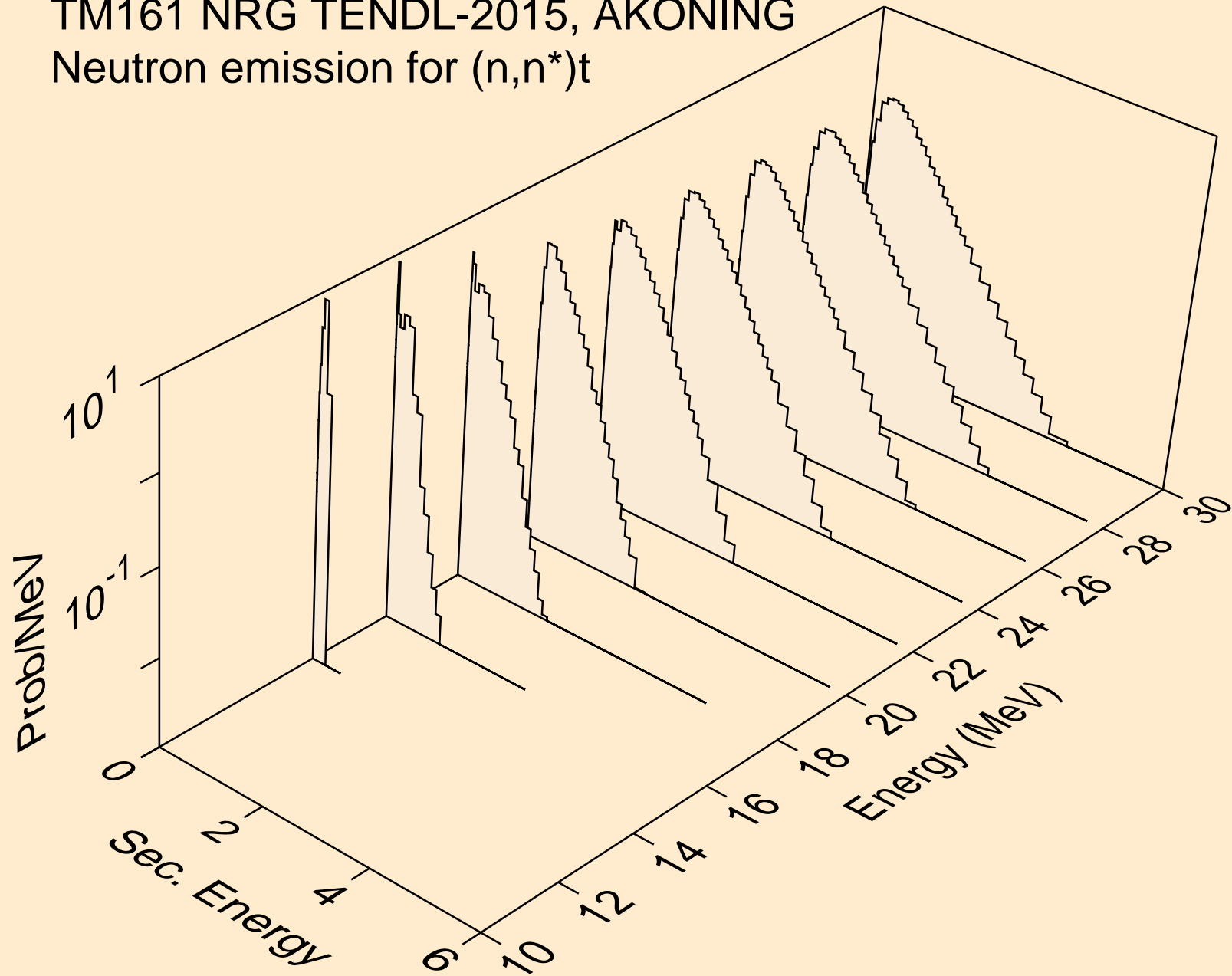
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



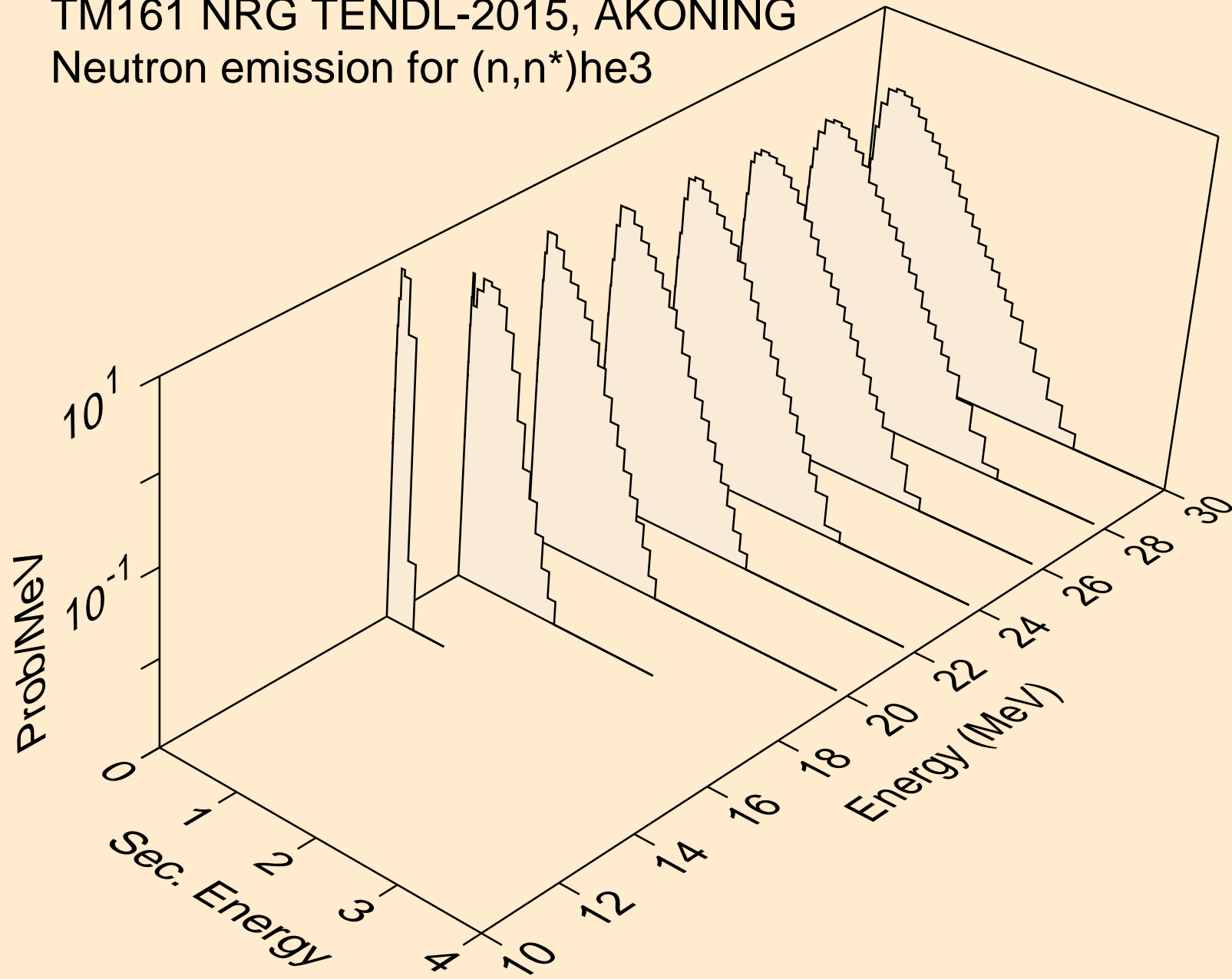
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



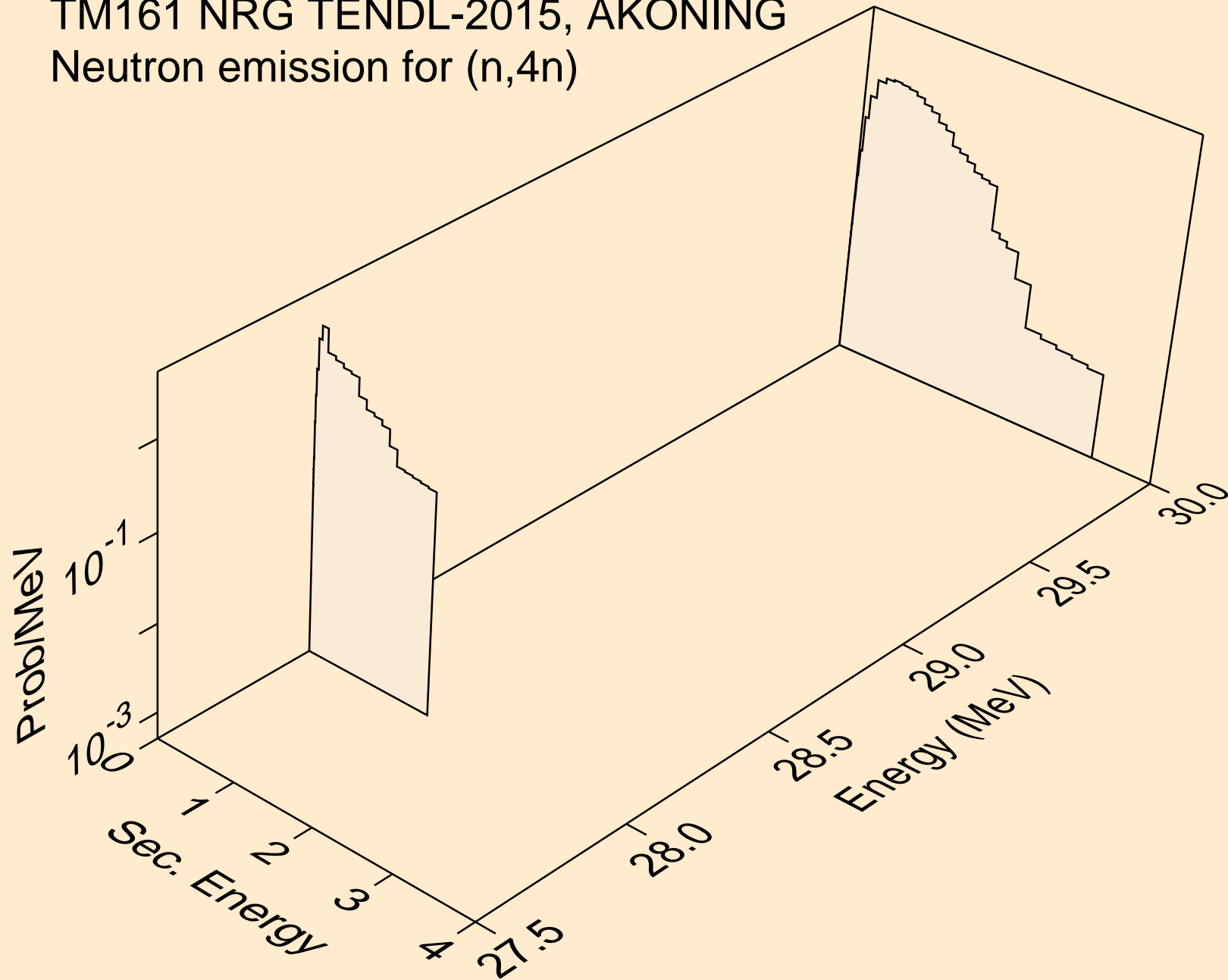
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



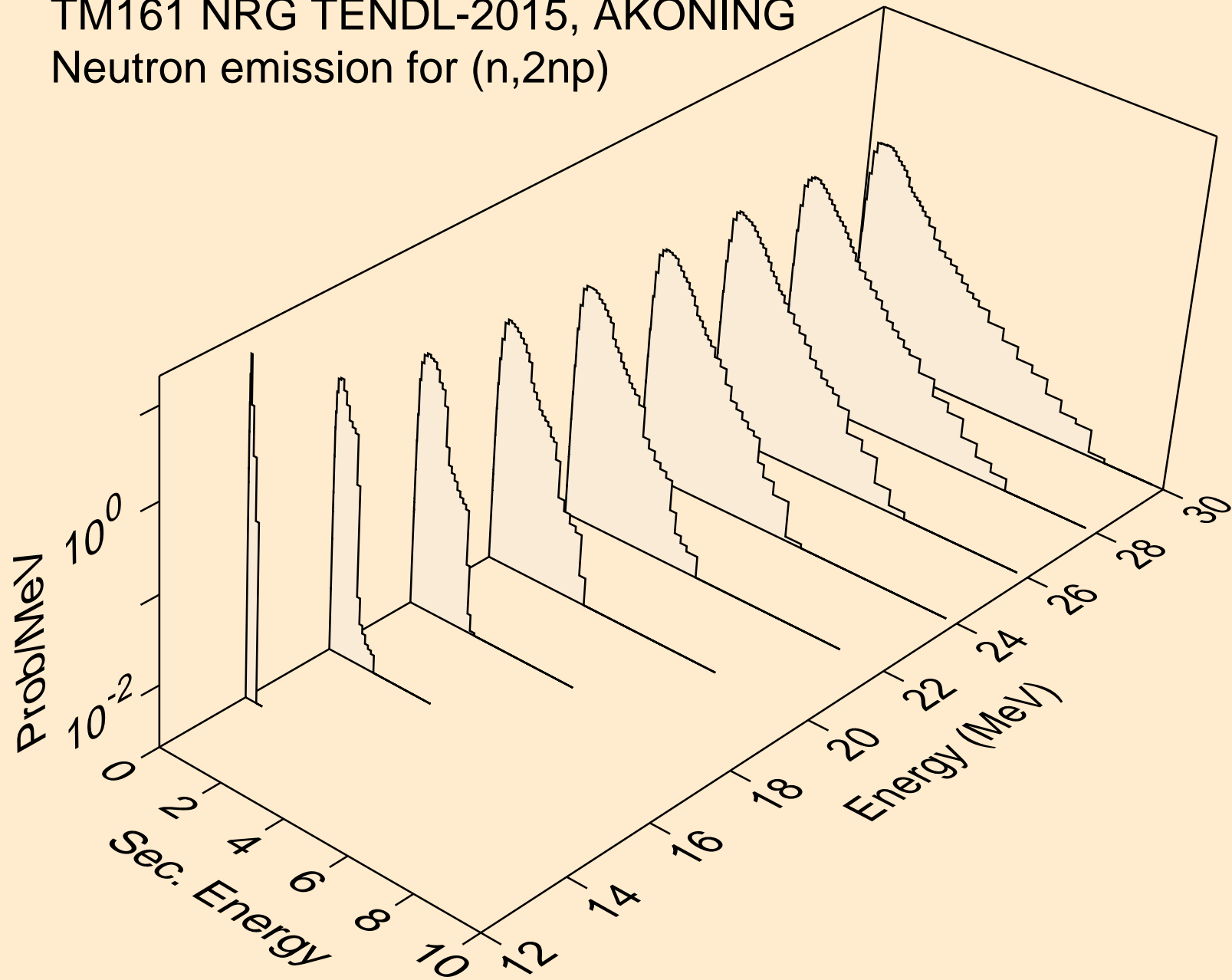
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

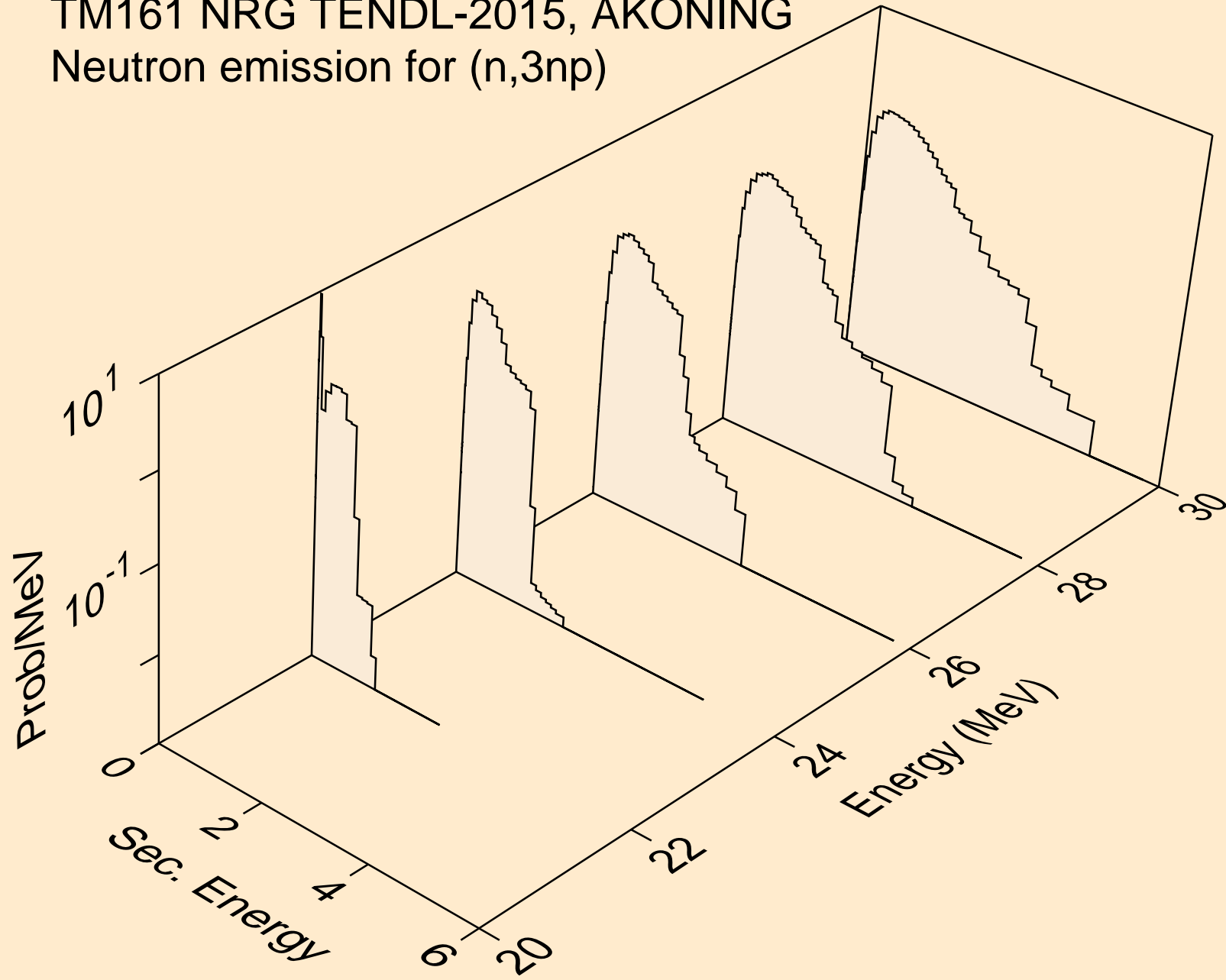


TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

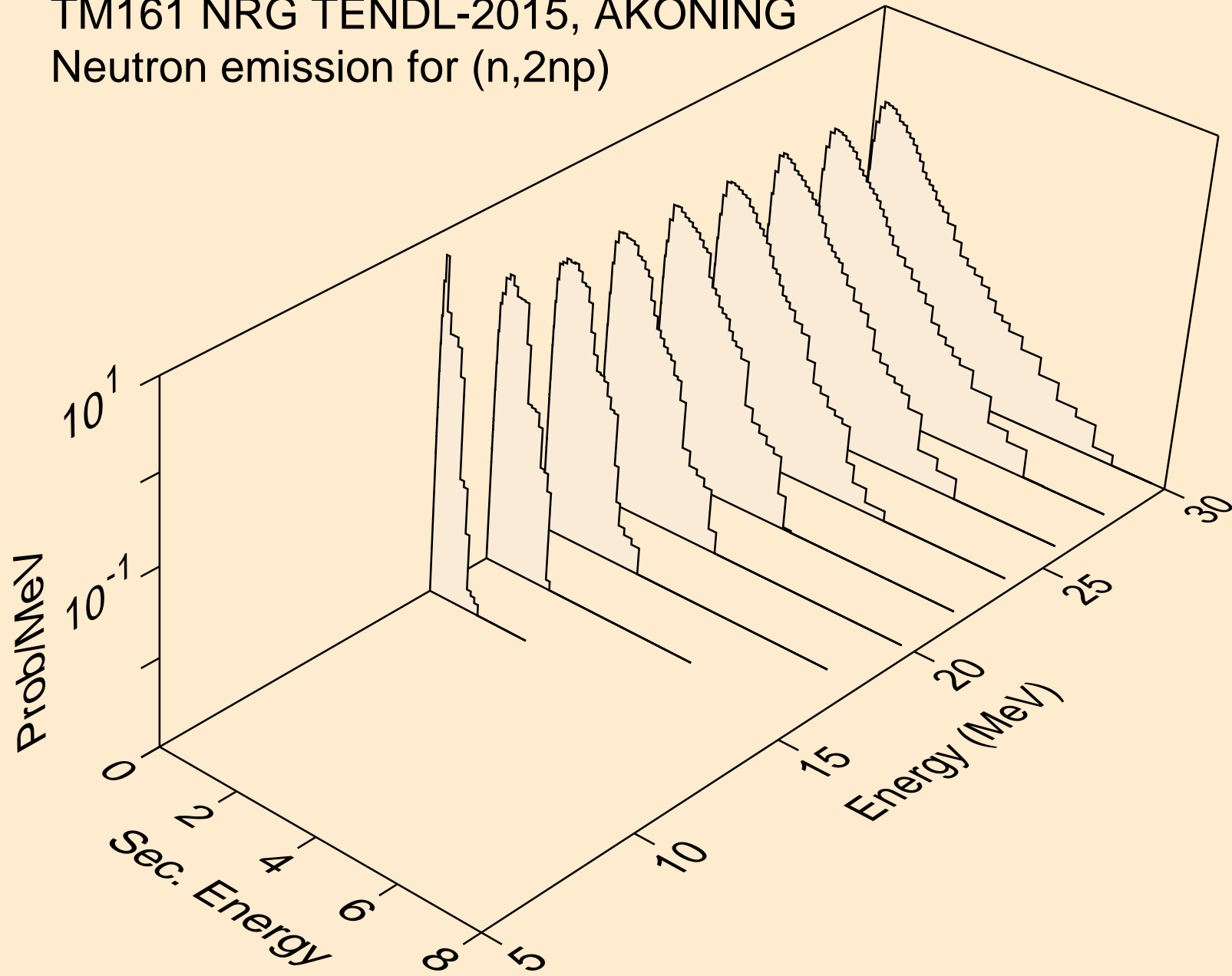




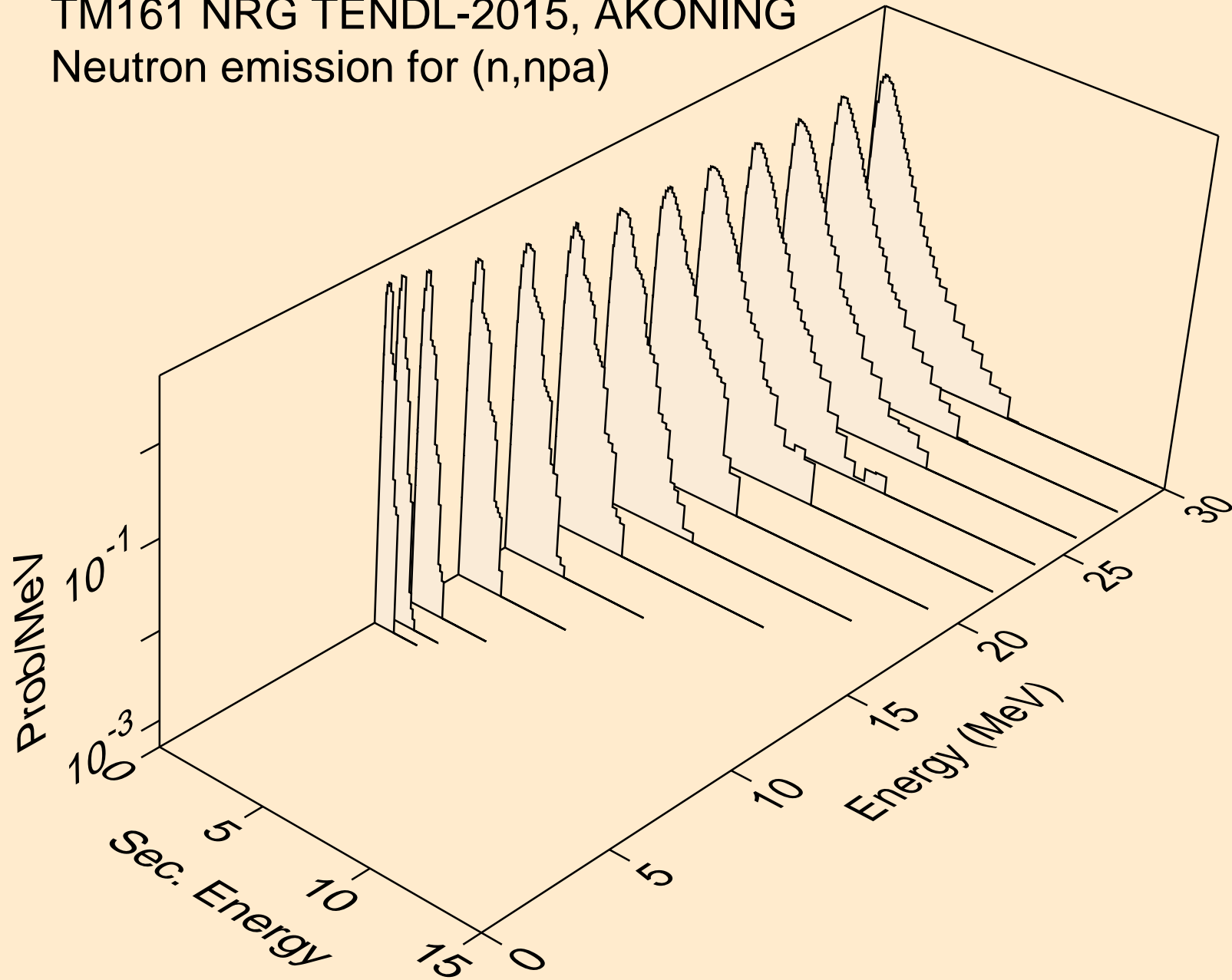
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



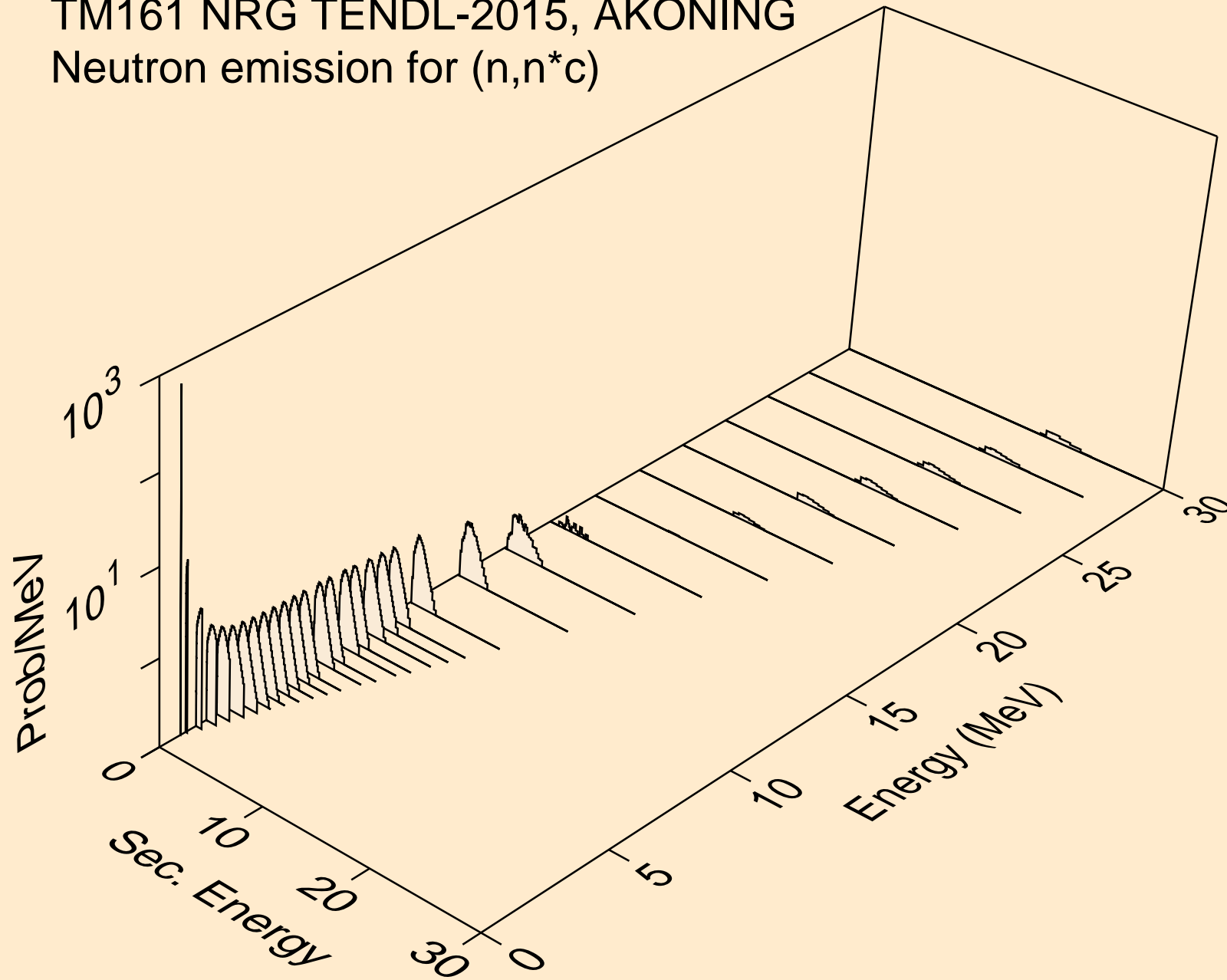
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



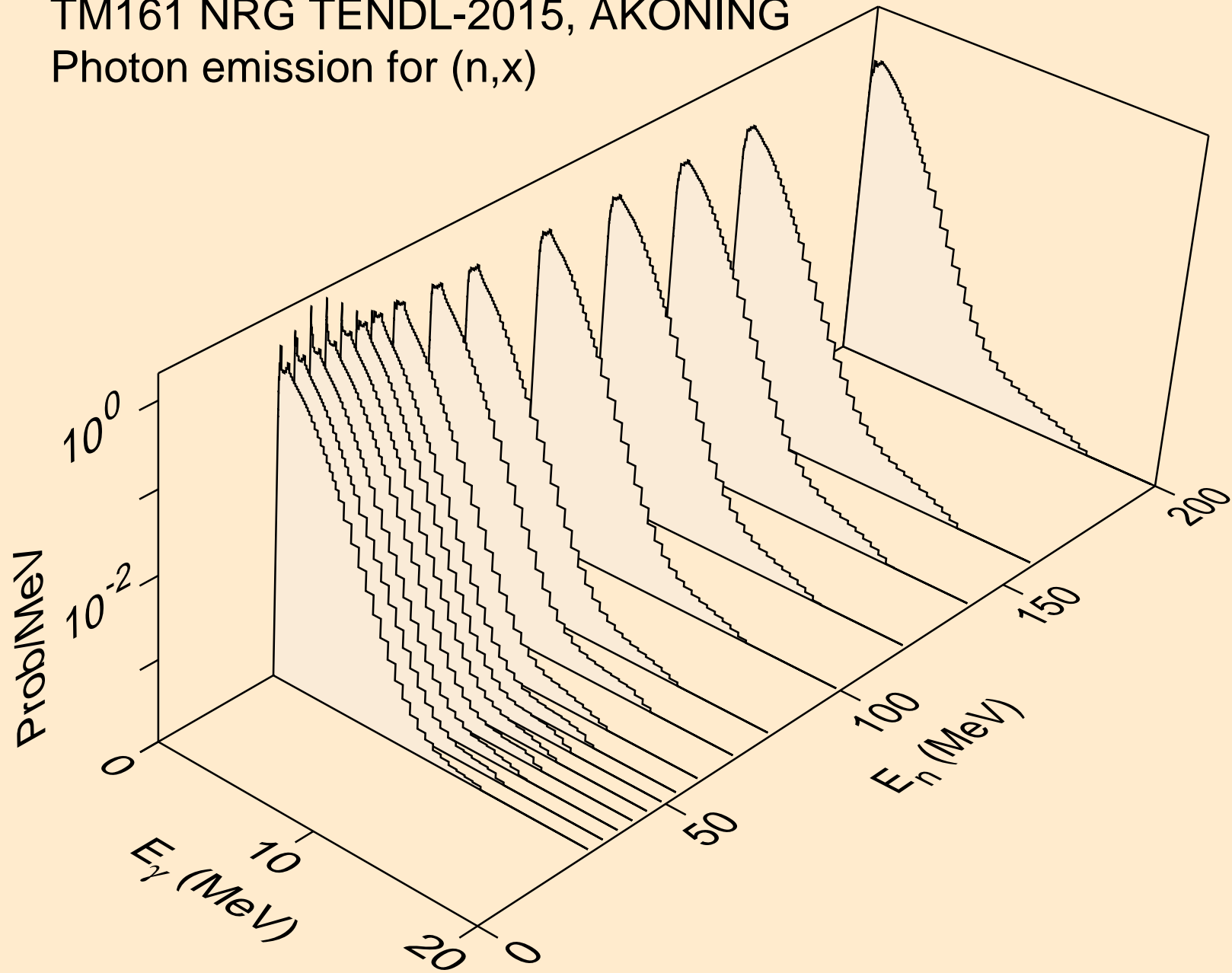
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



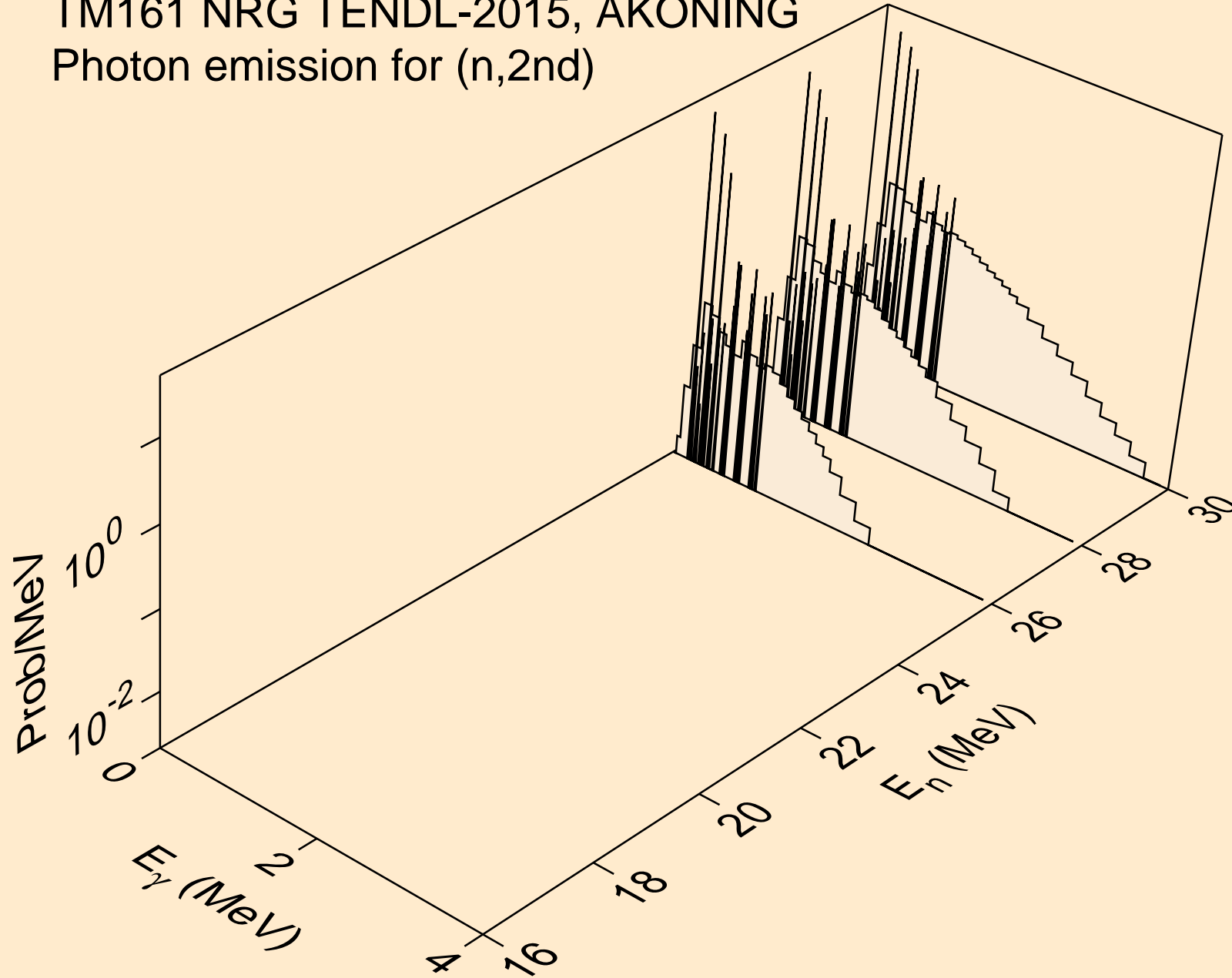
TM161 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



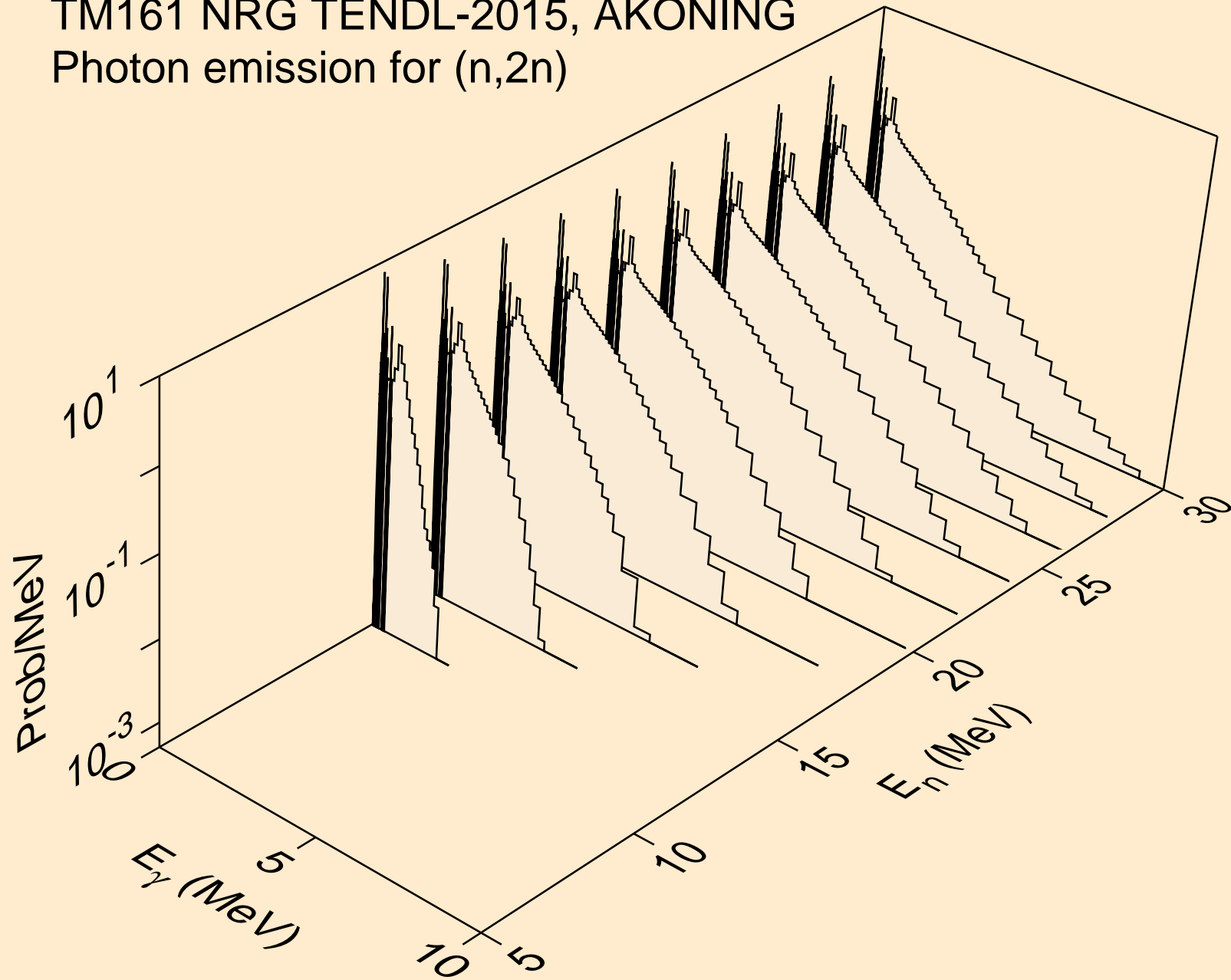
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



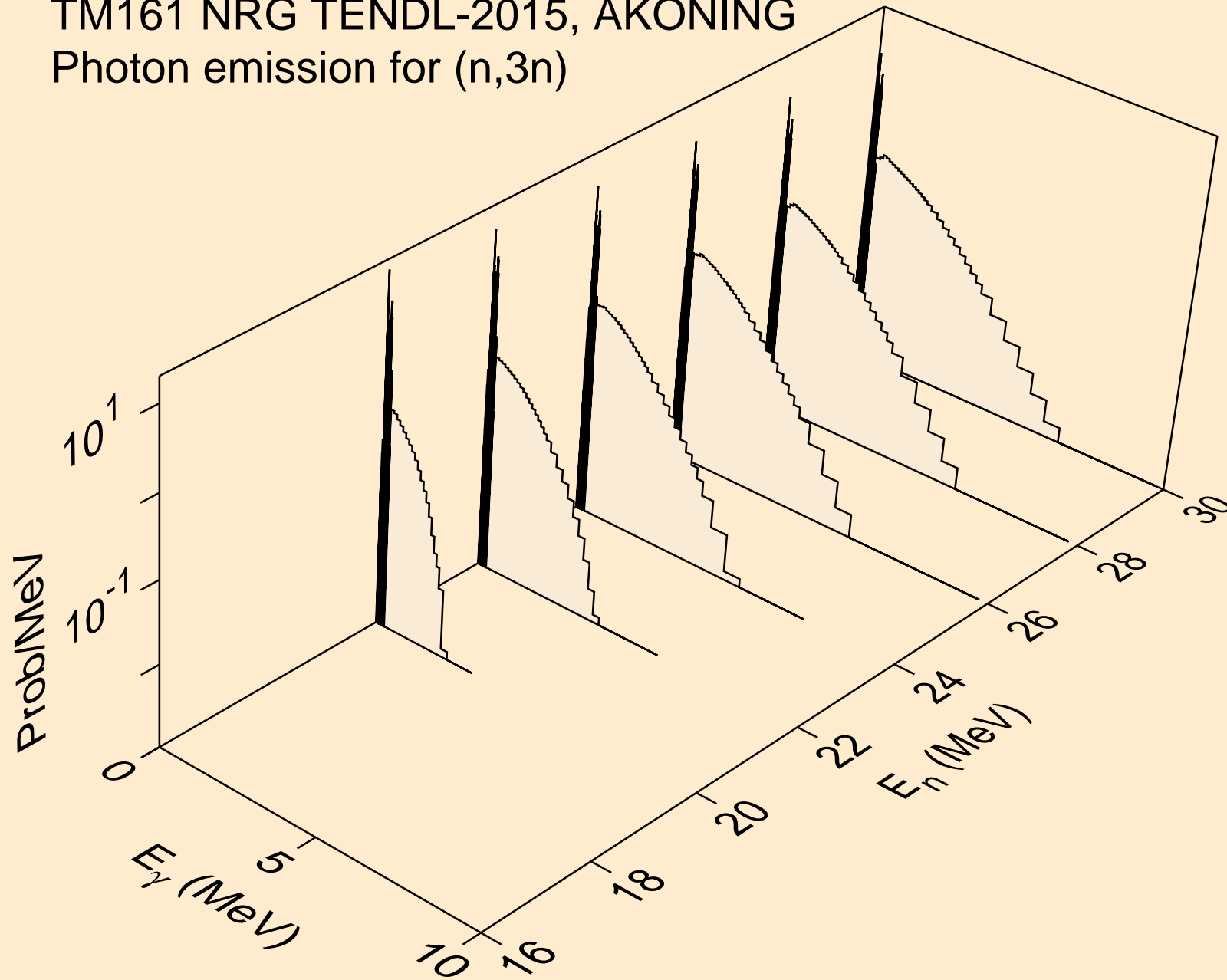
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

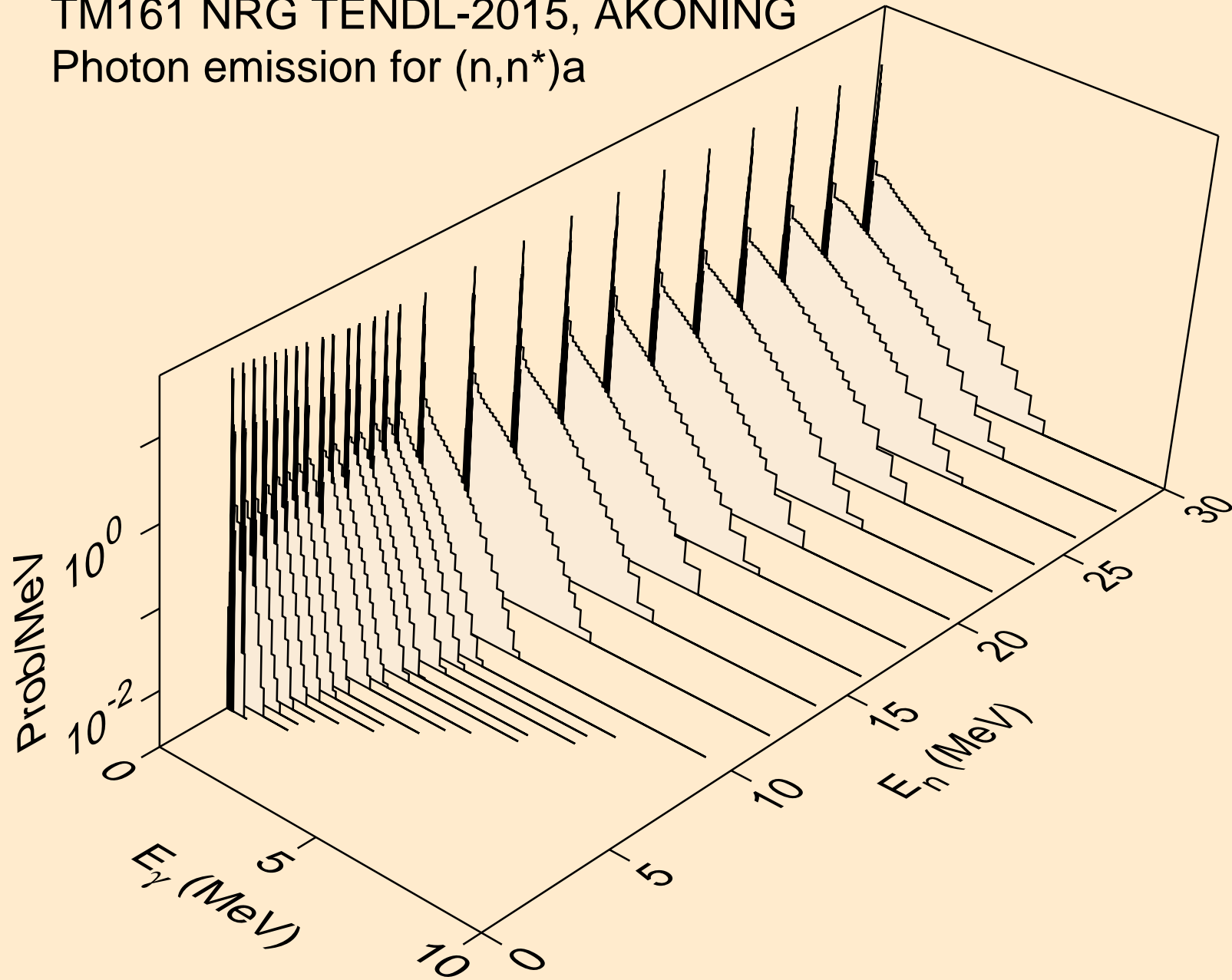


TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

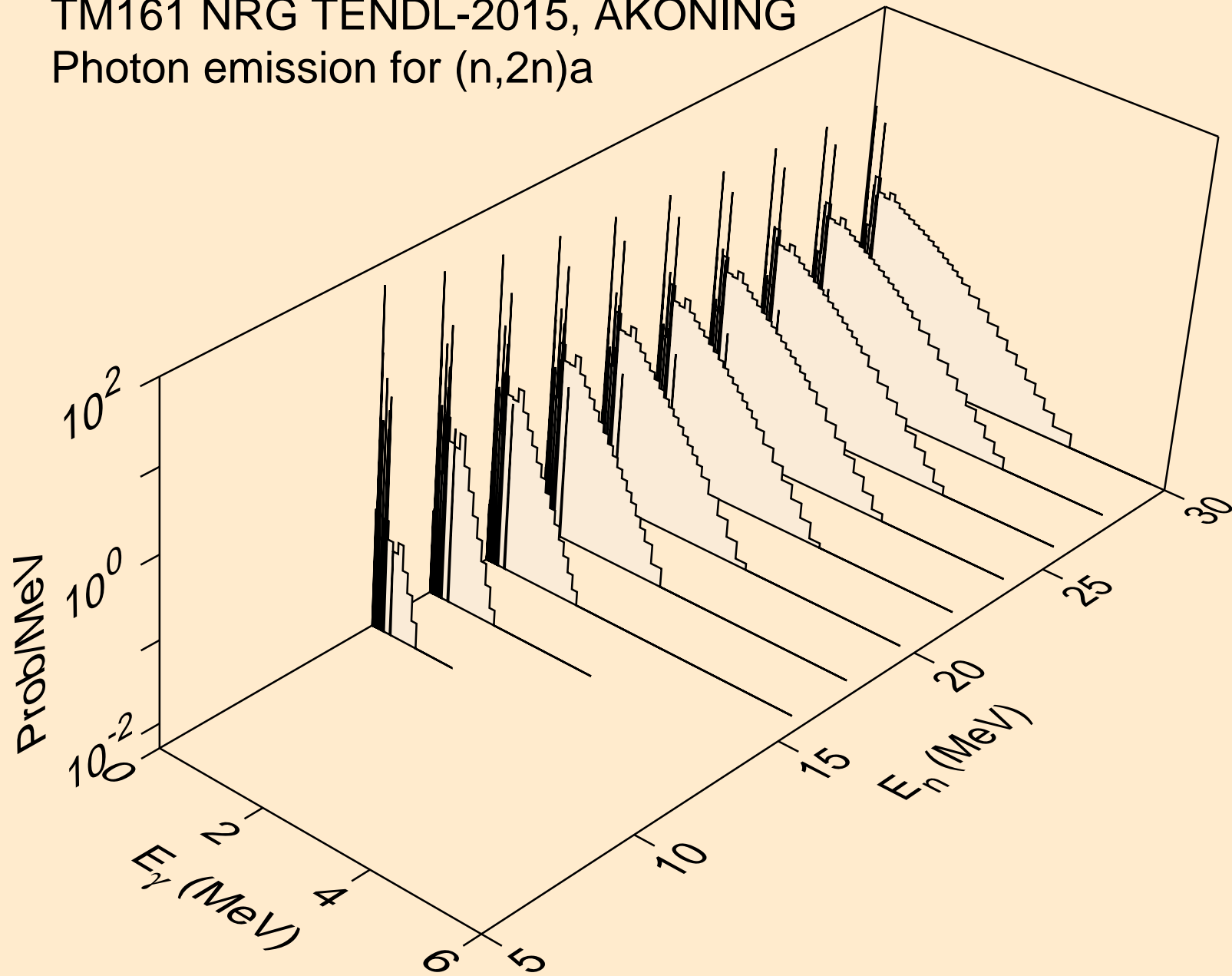




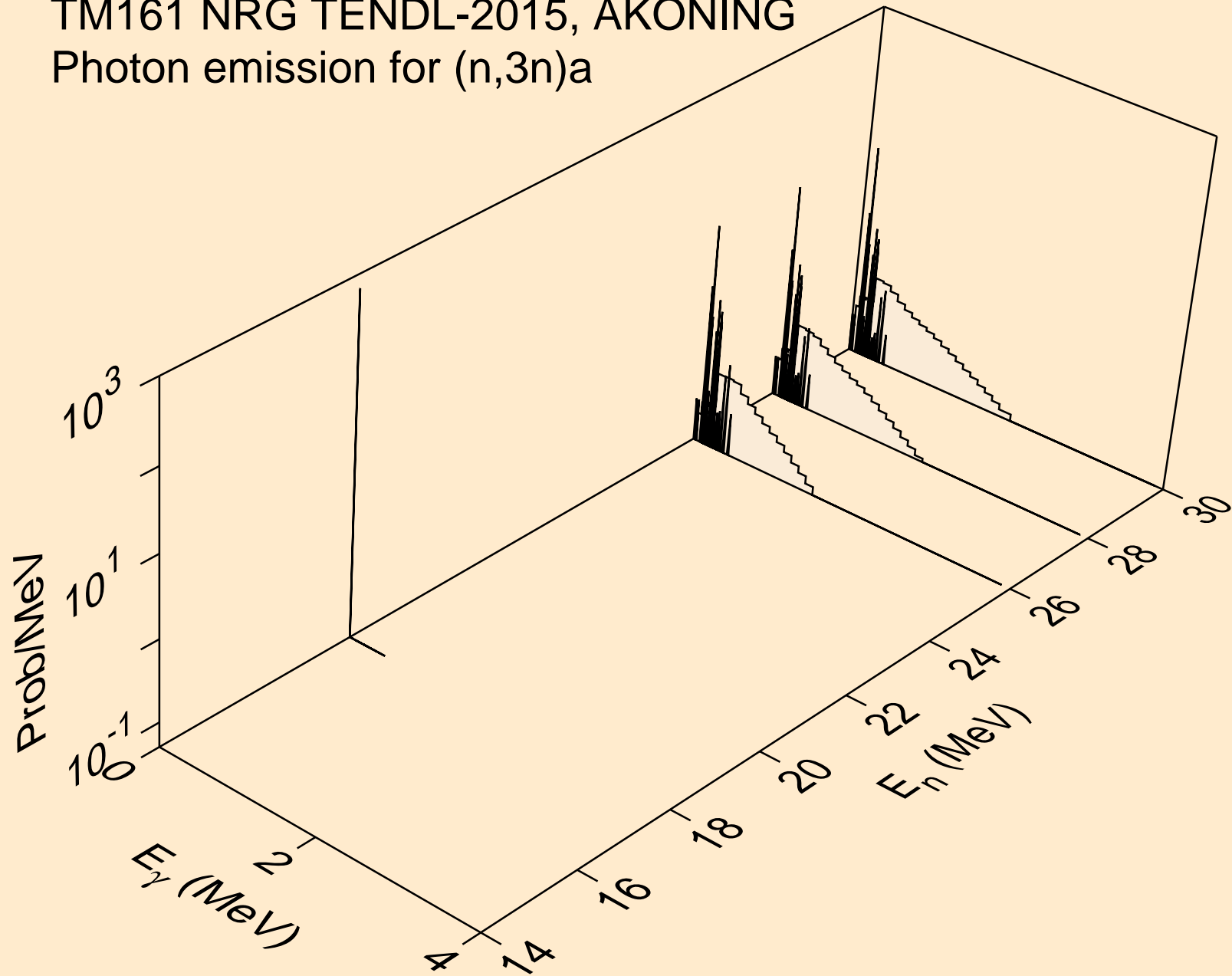
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



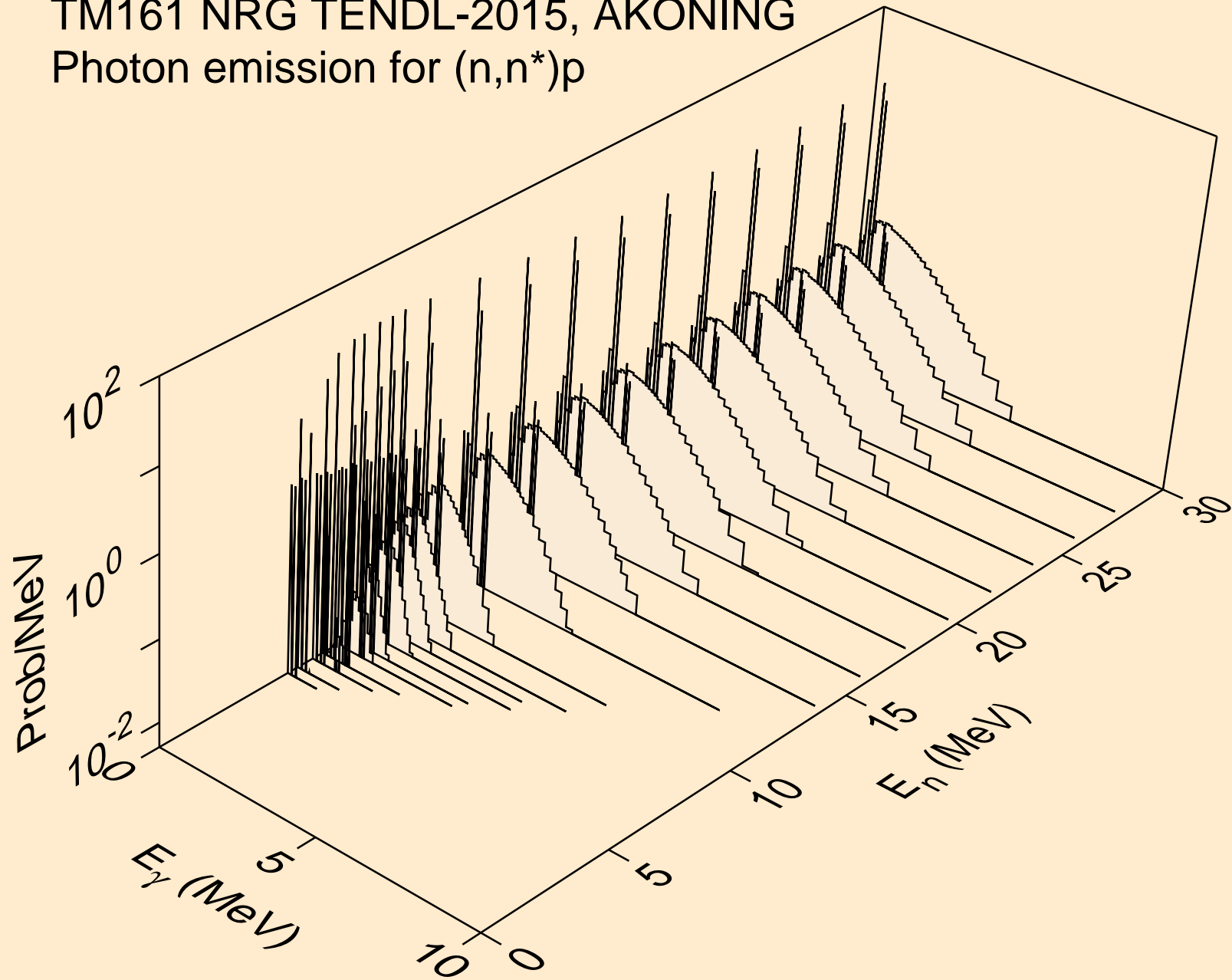
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



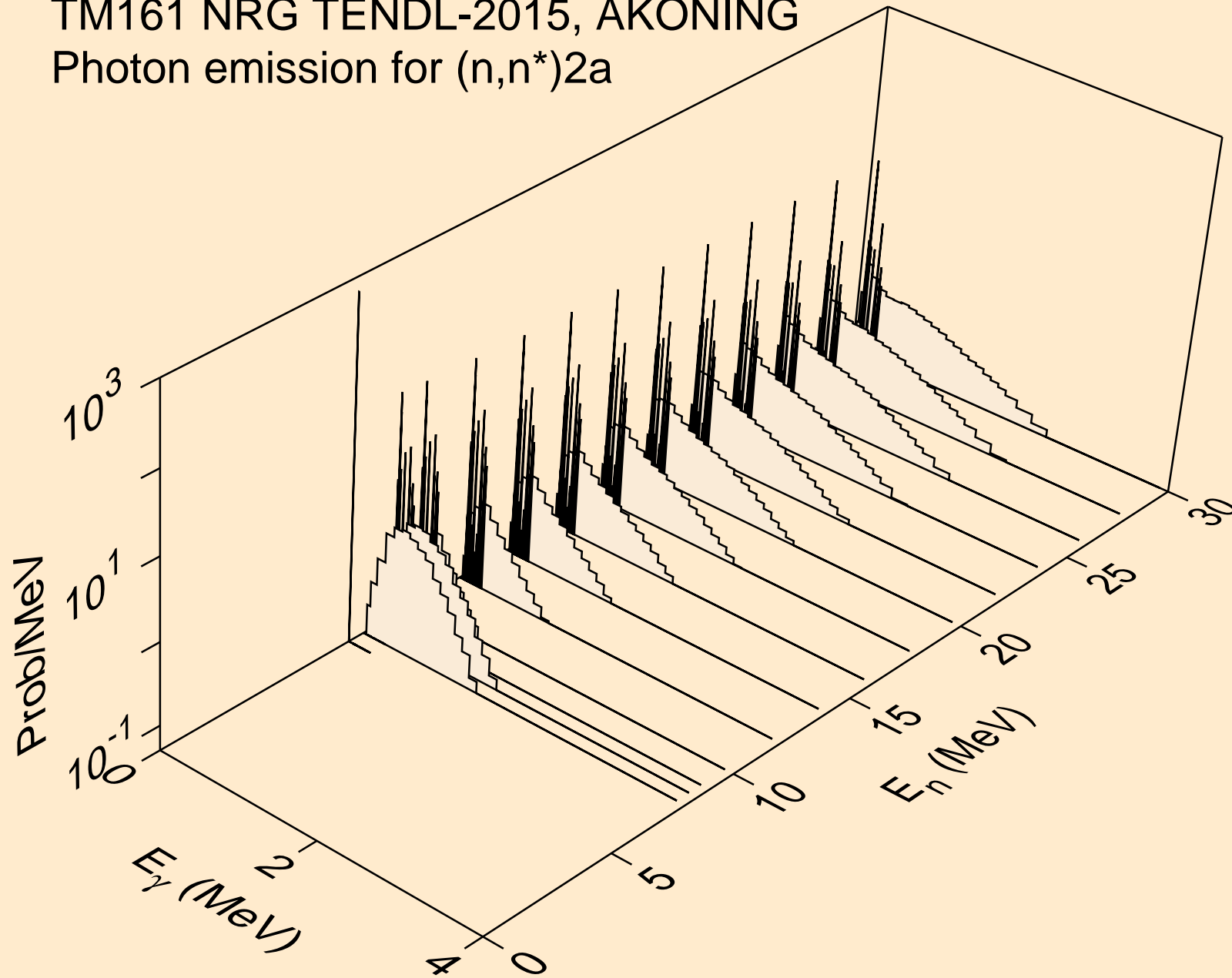
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



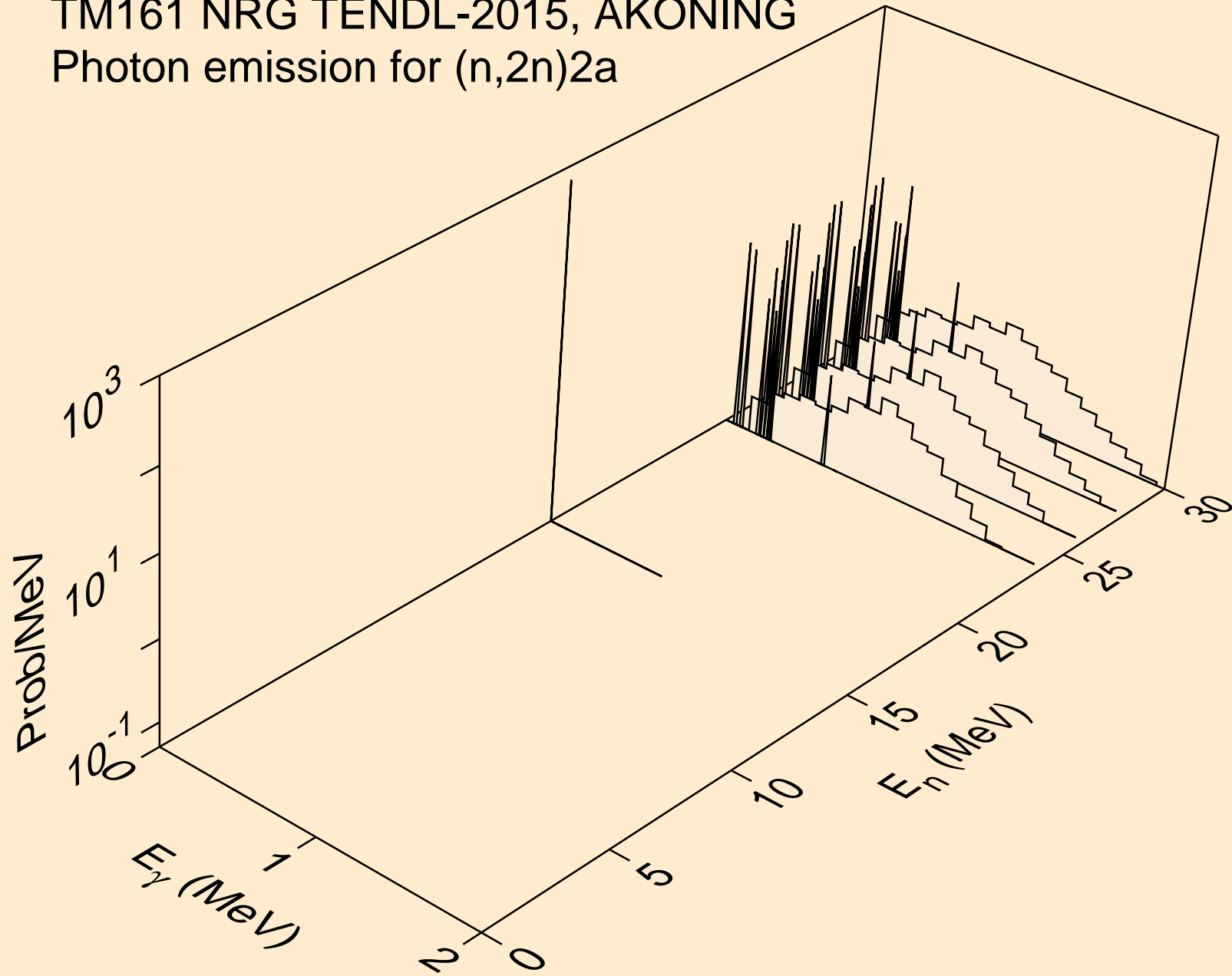
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



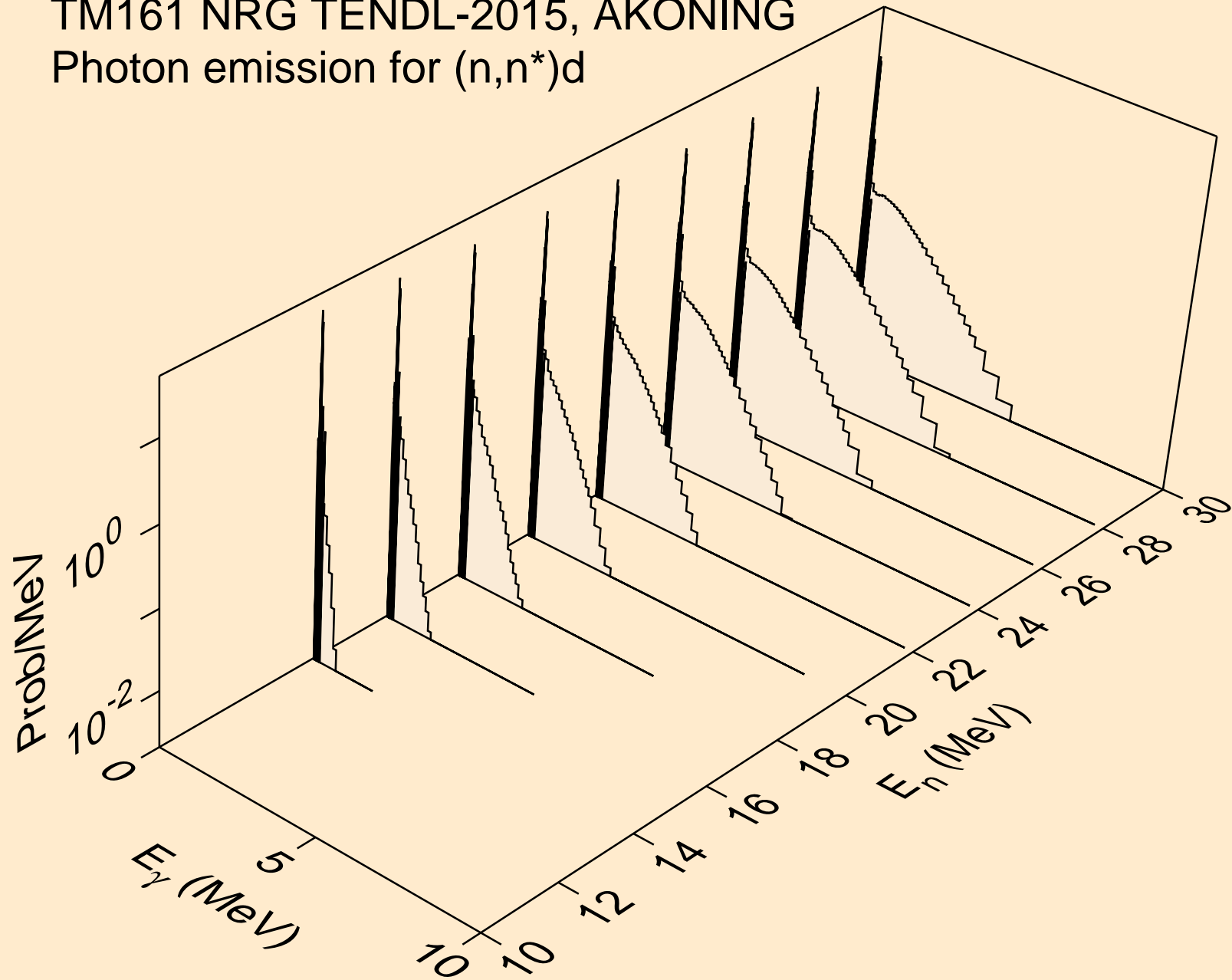
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



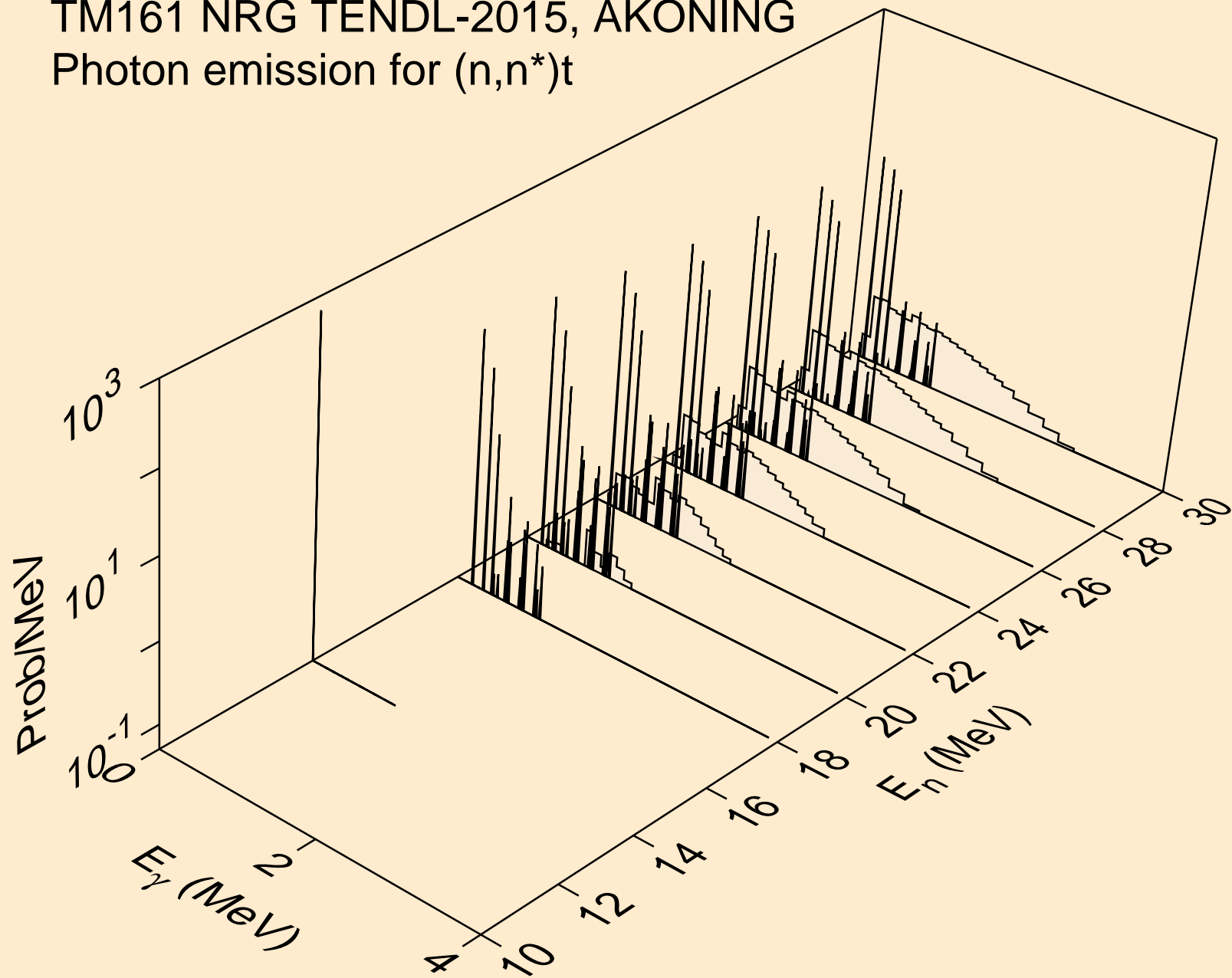
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

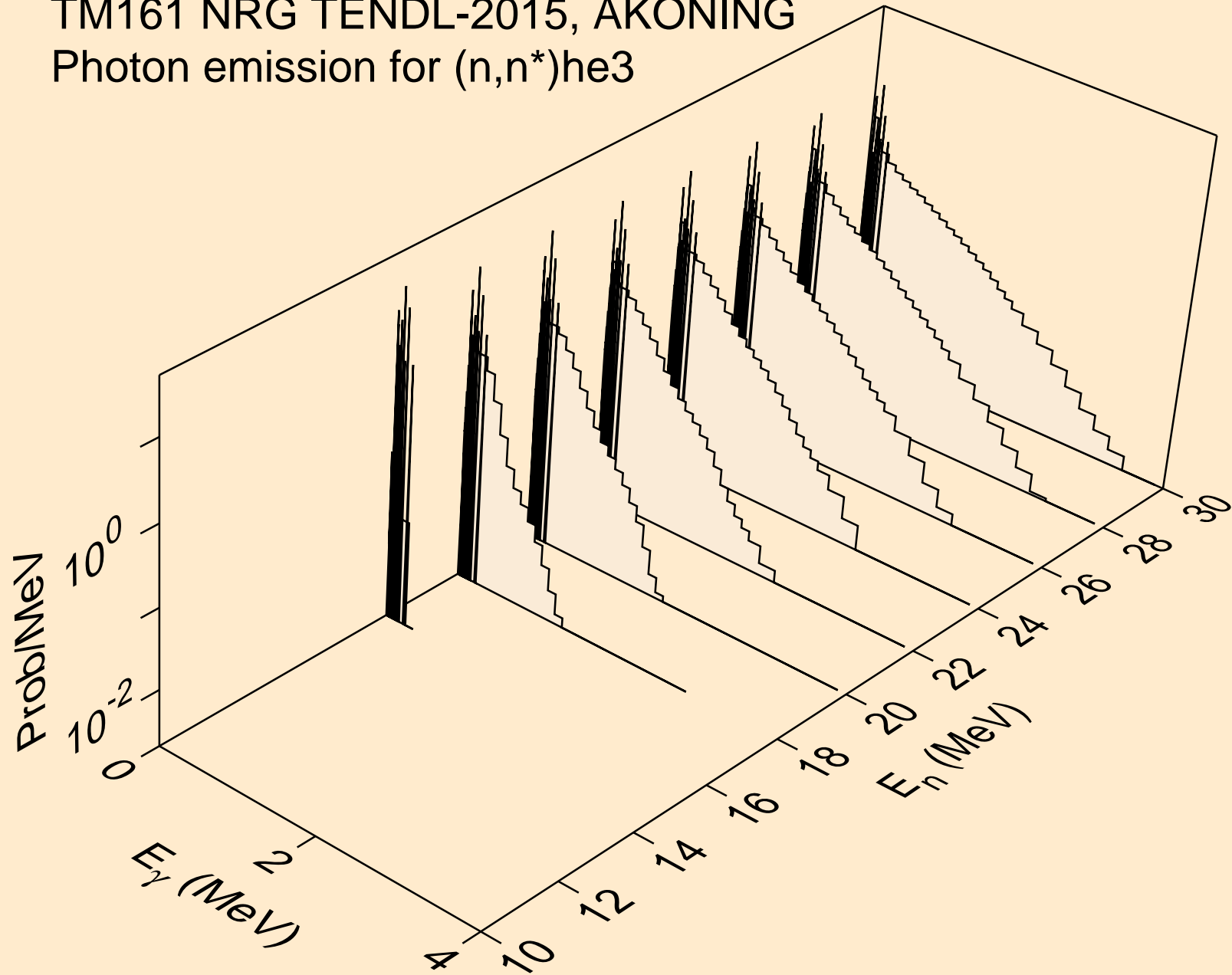


TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

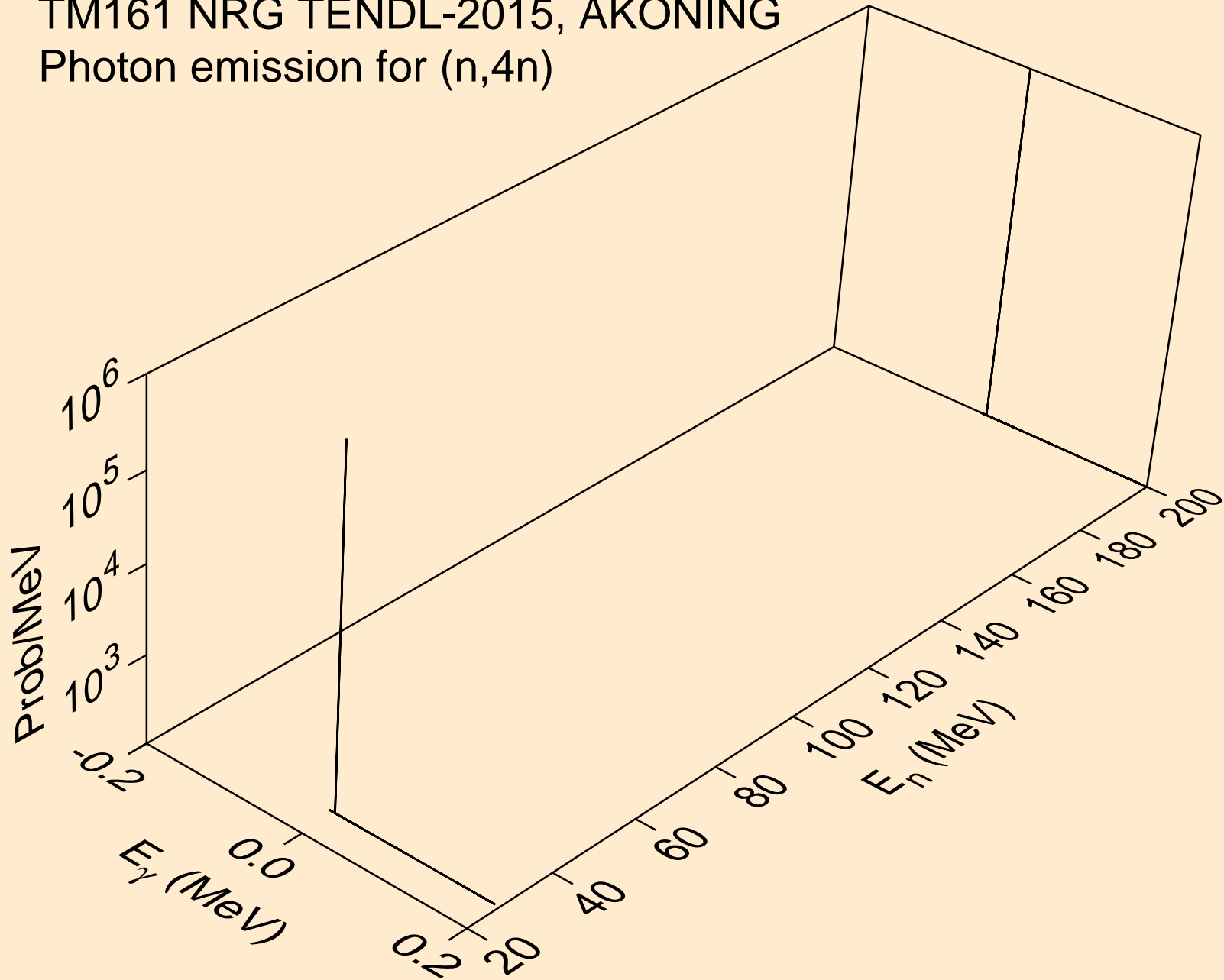




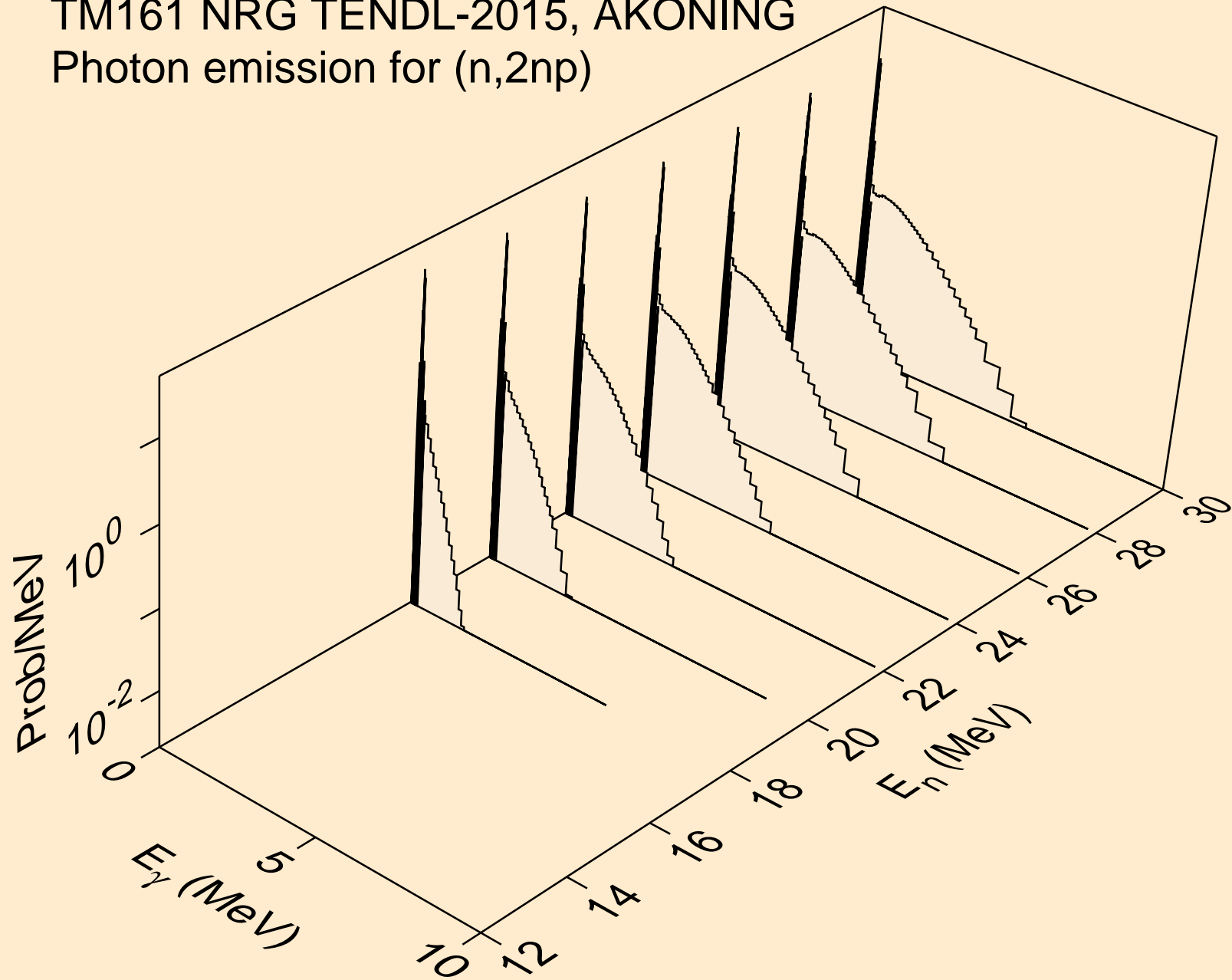
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



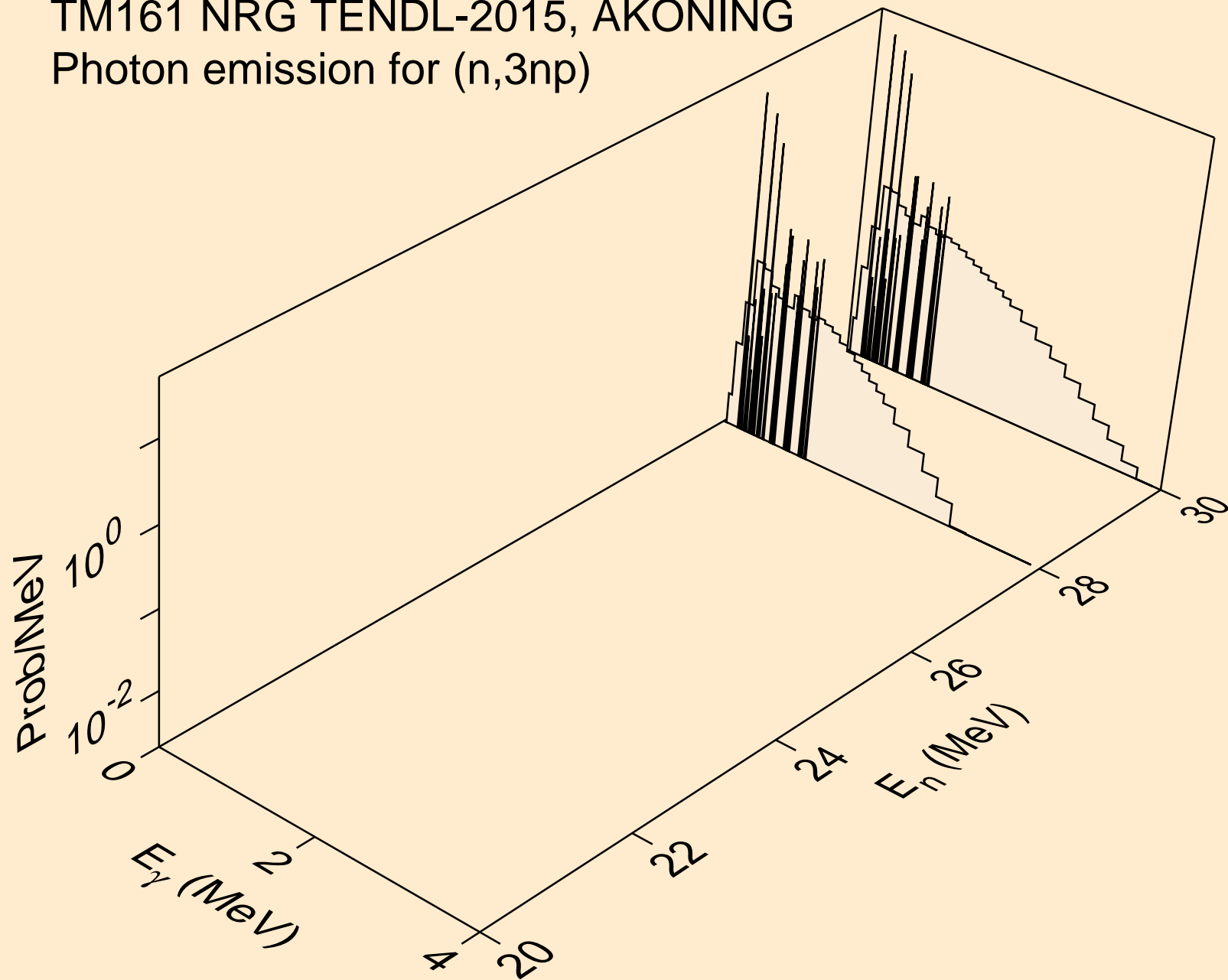
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



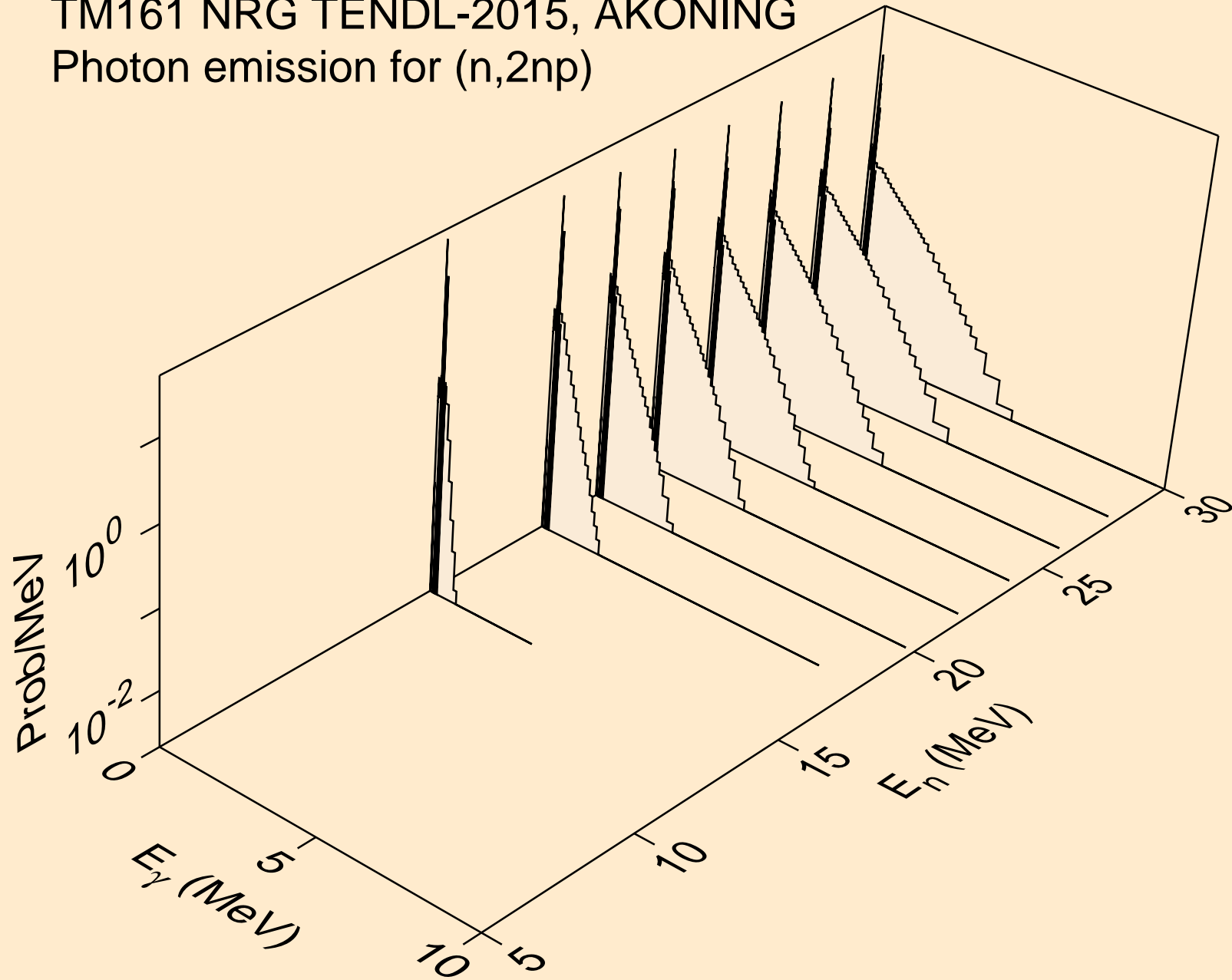
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



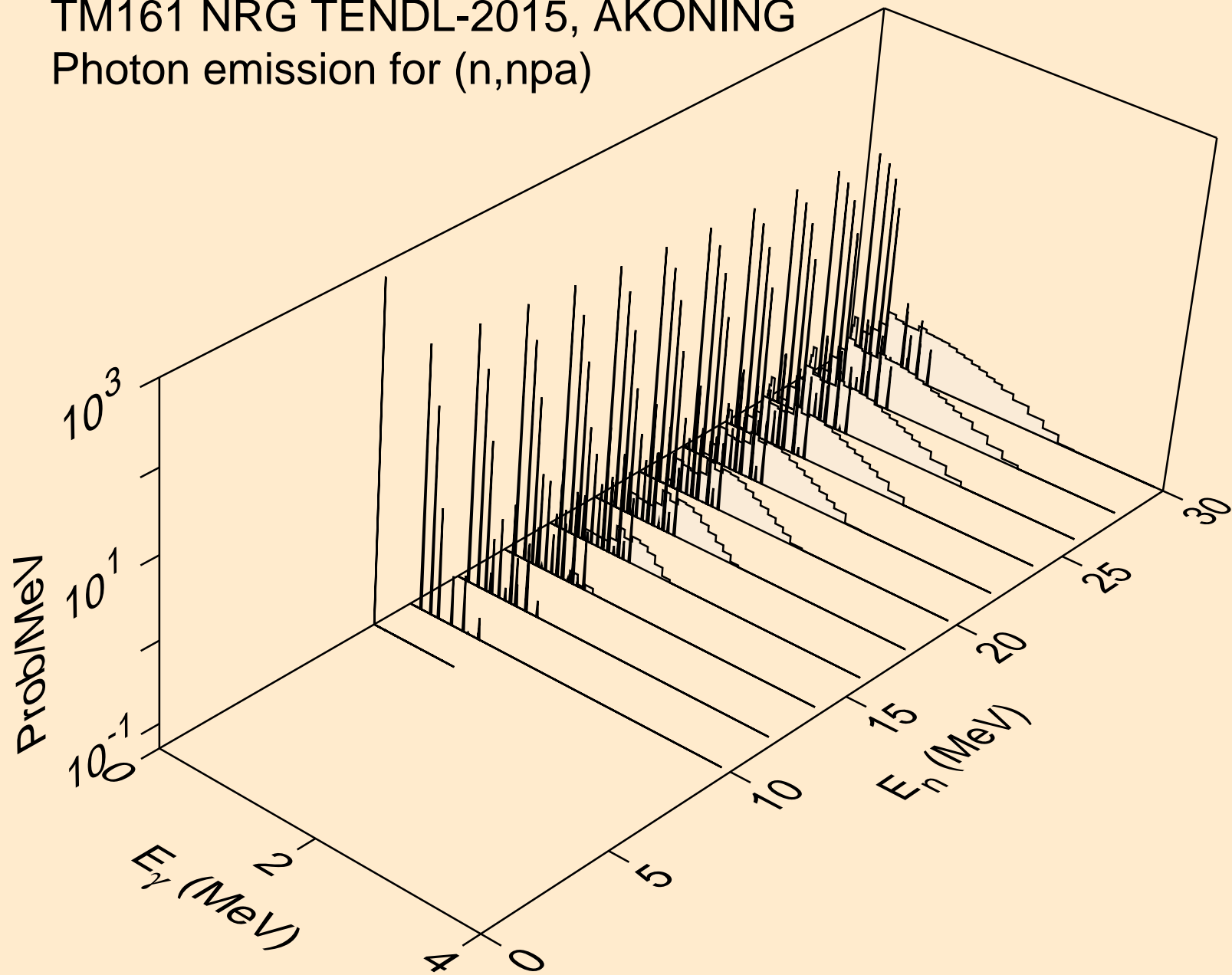
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



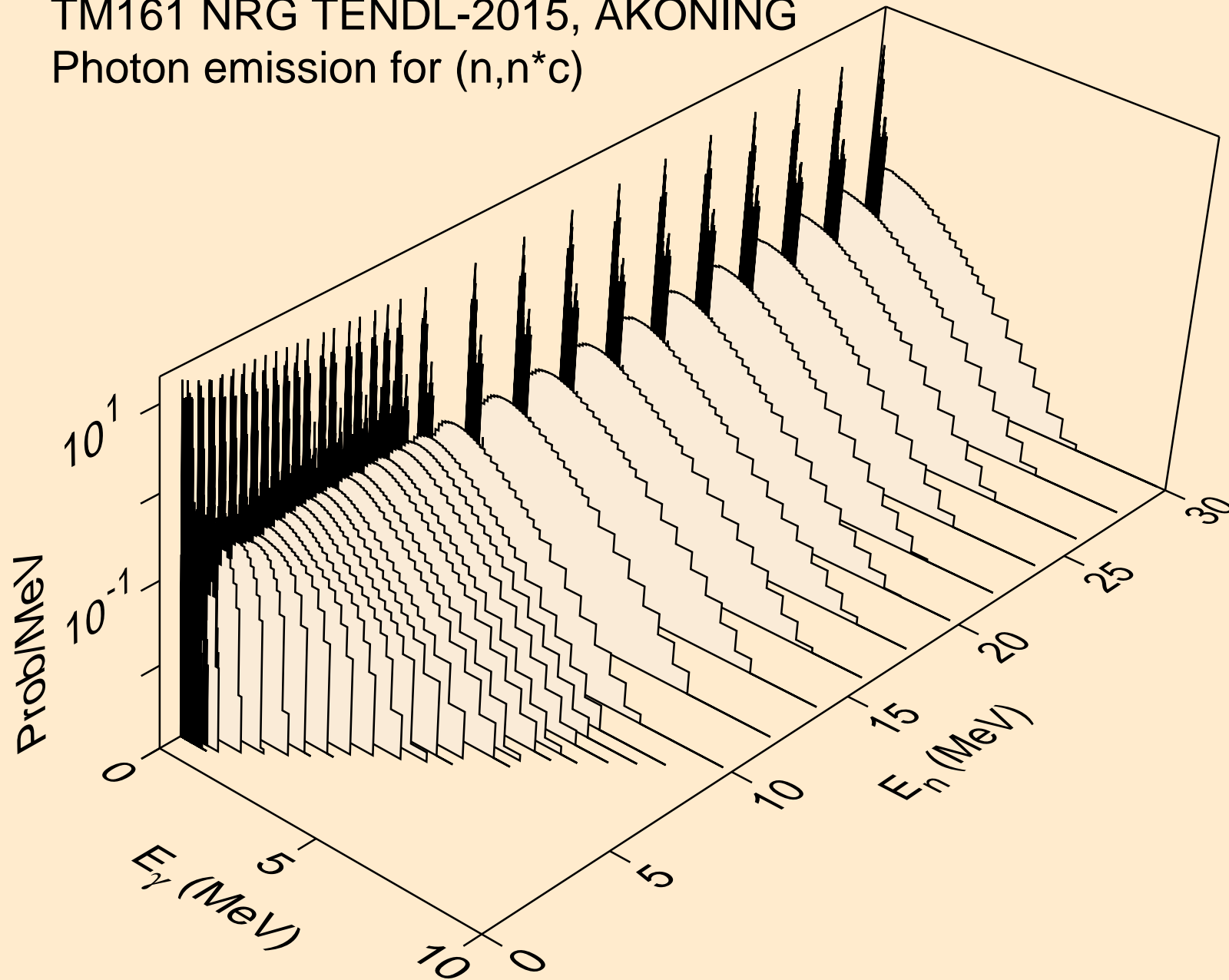
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



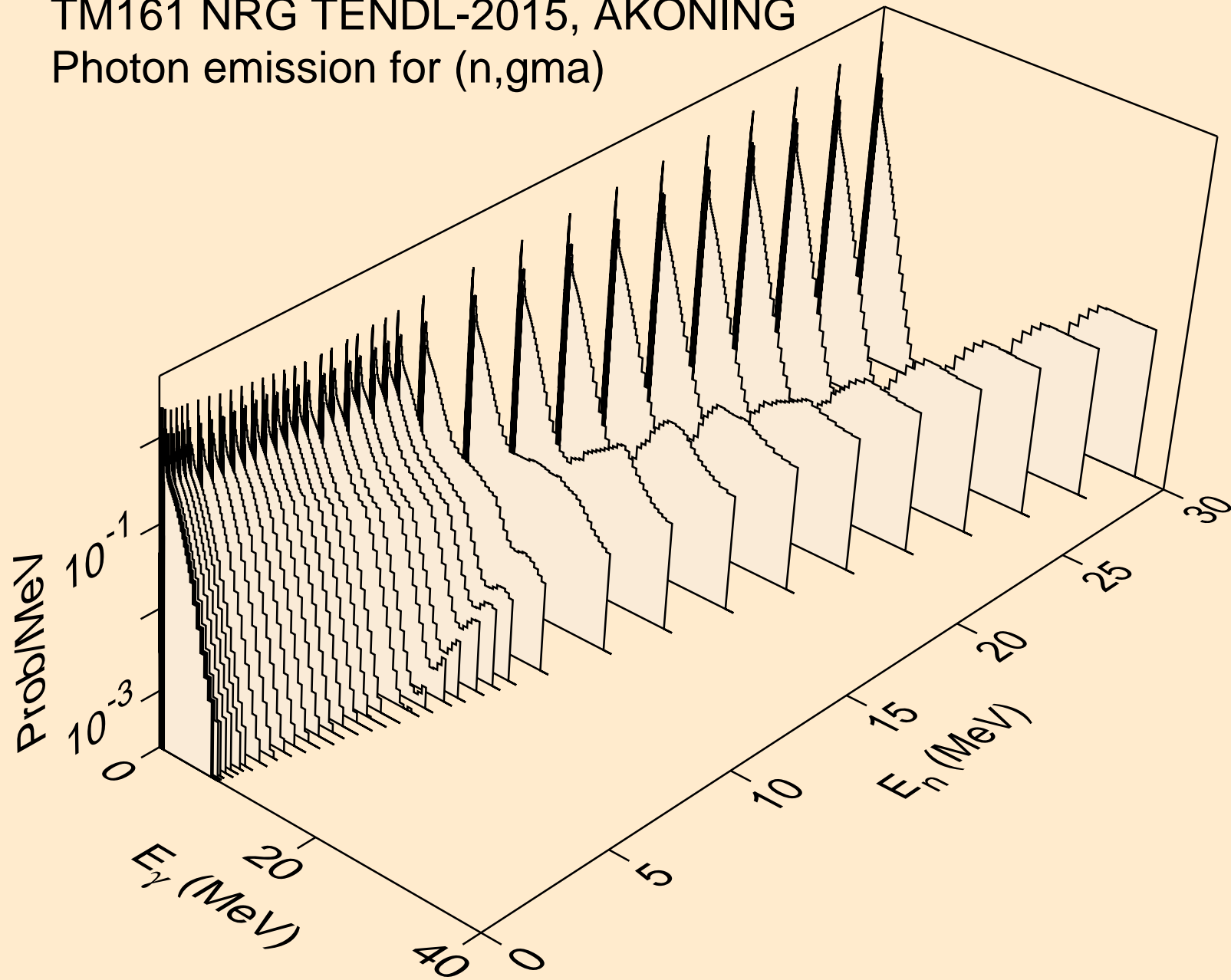
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

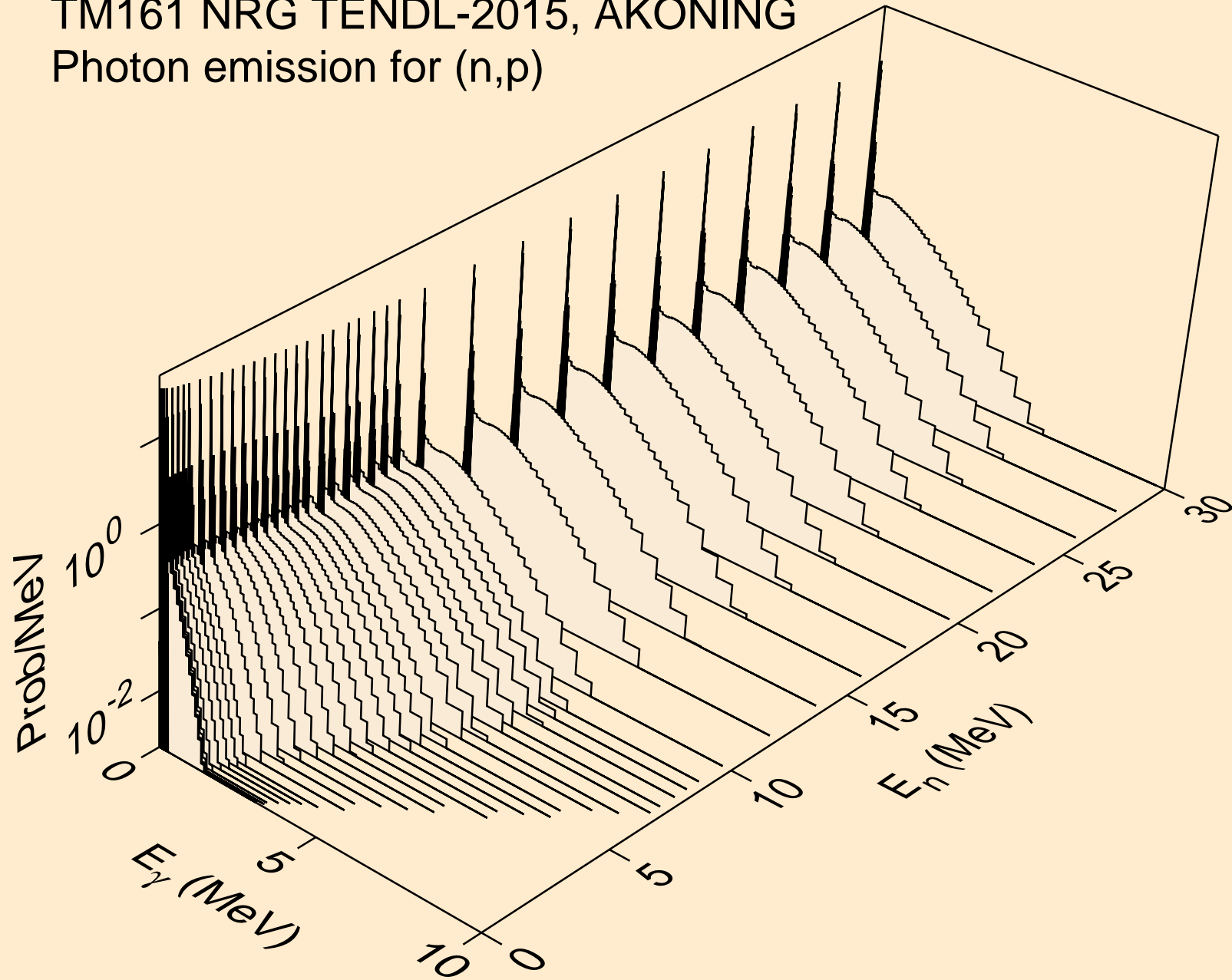


TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

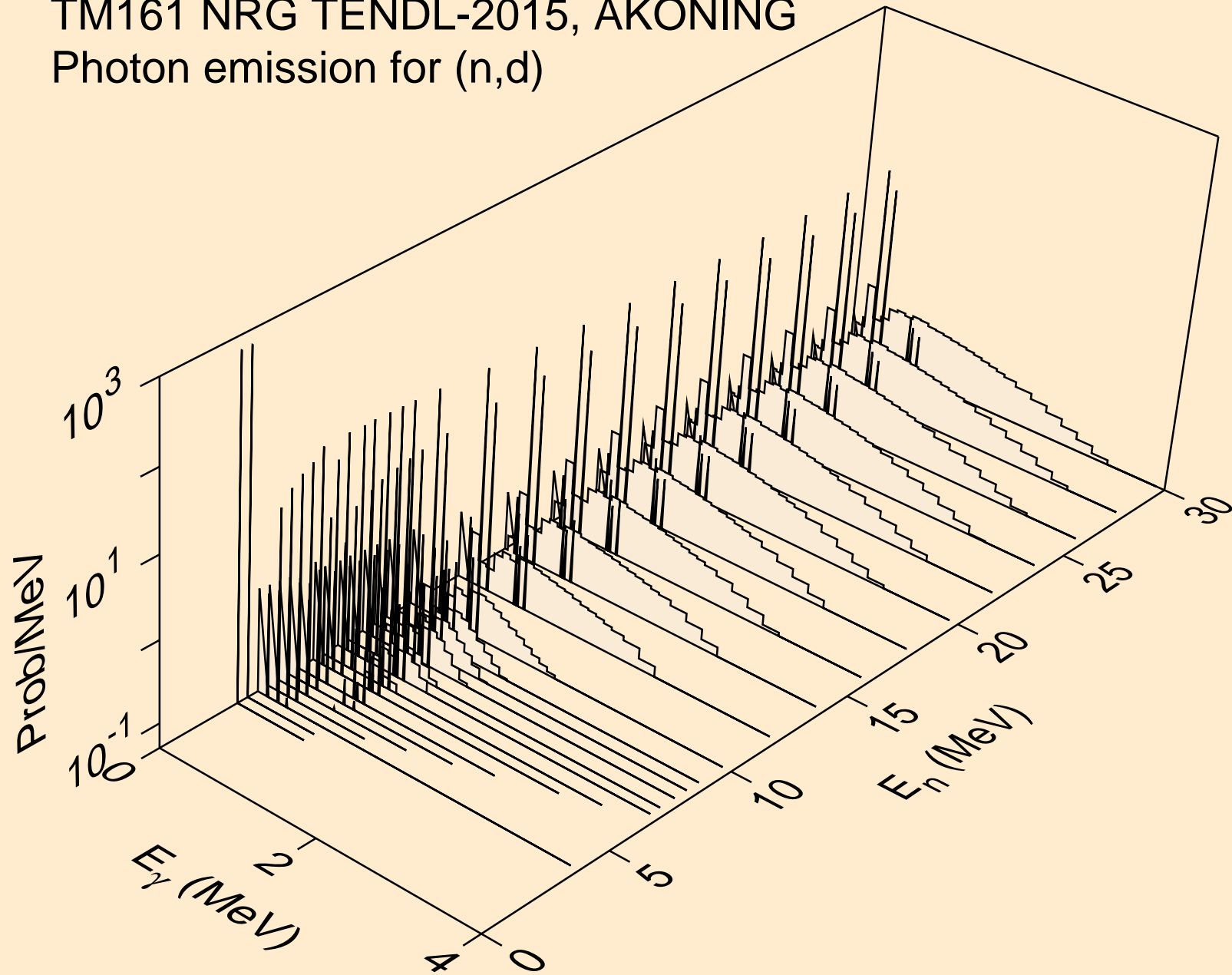




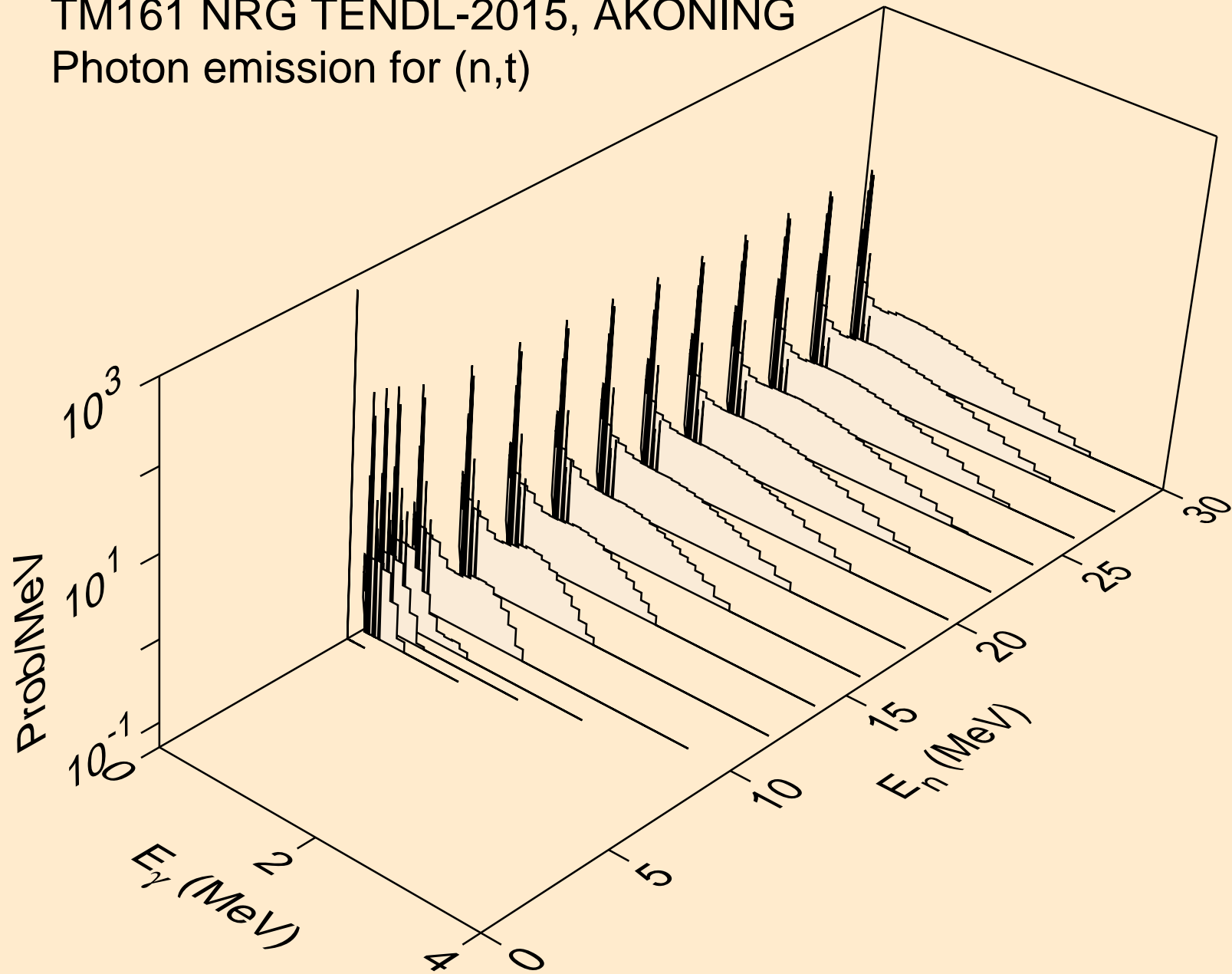
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



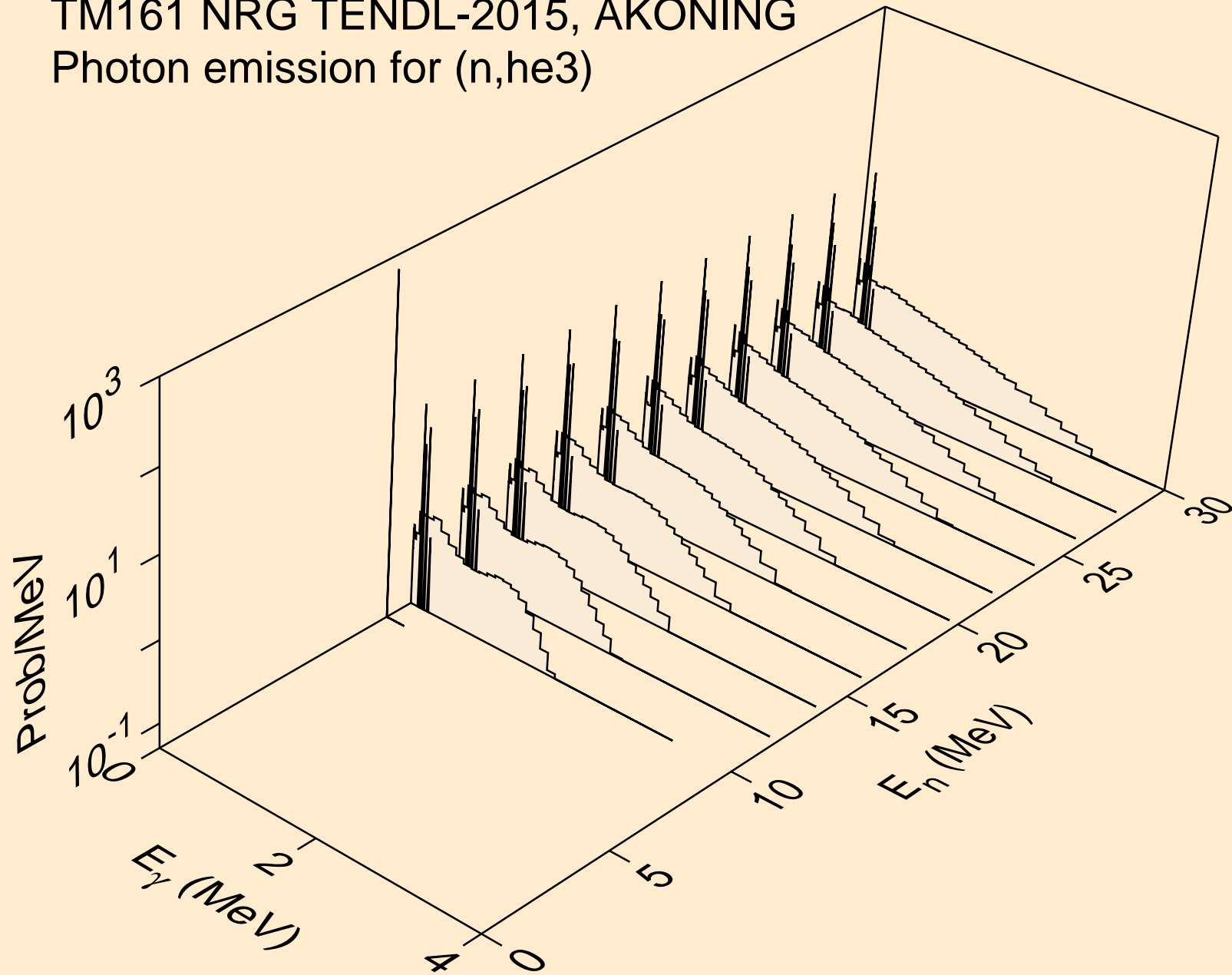
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



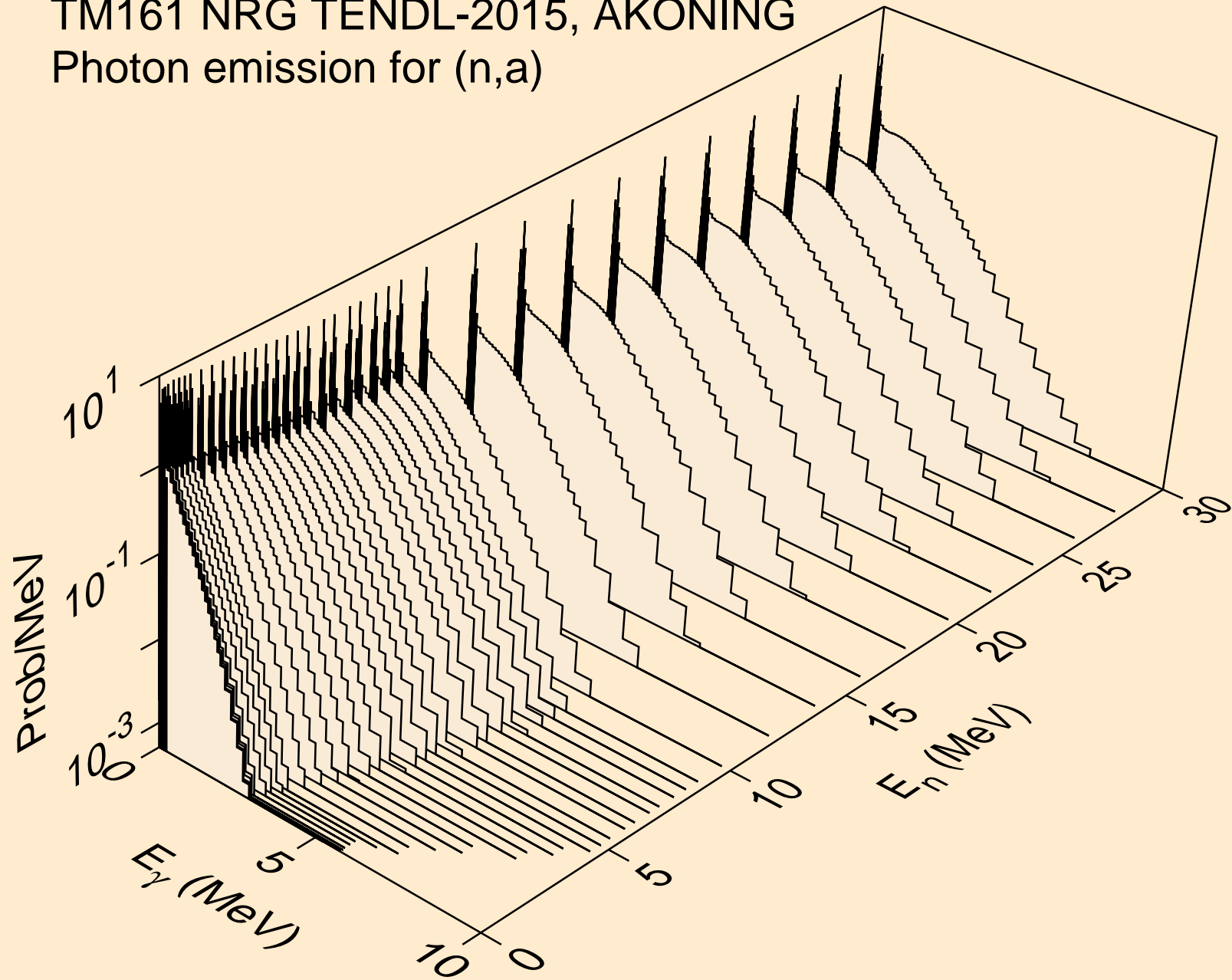
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



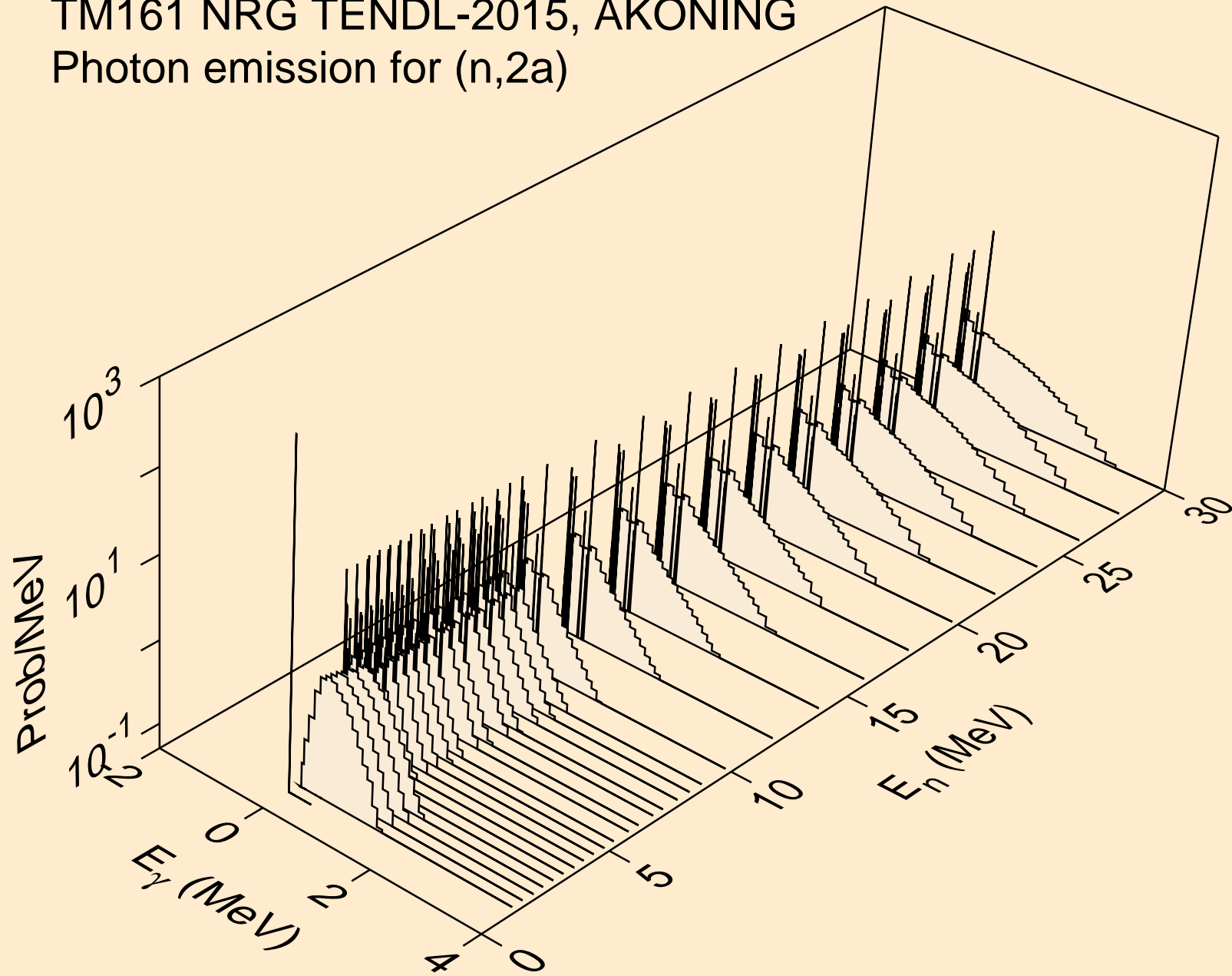
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



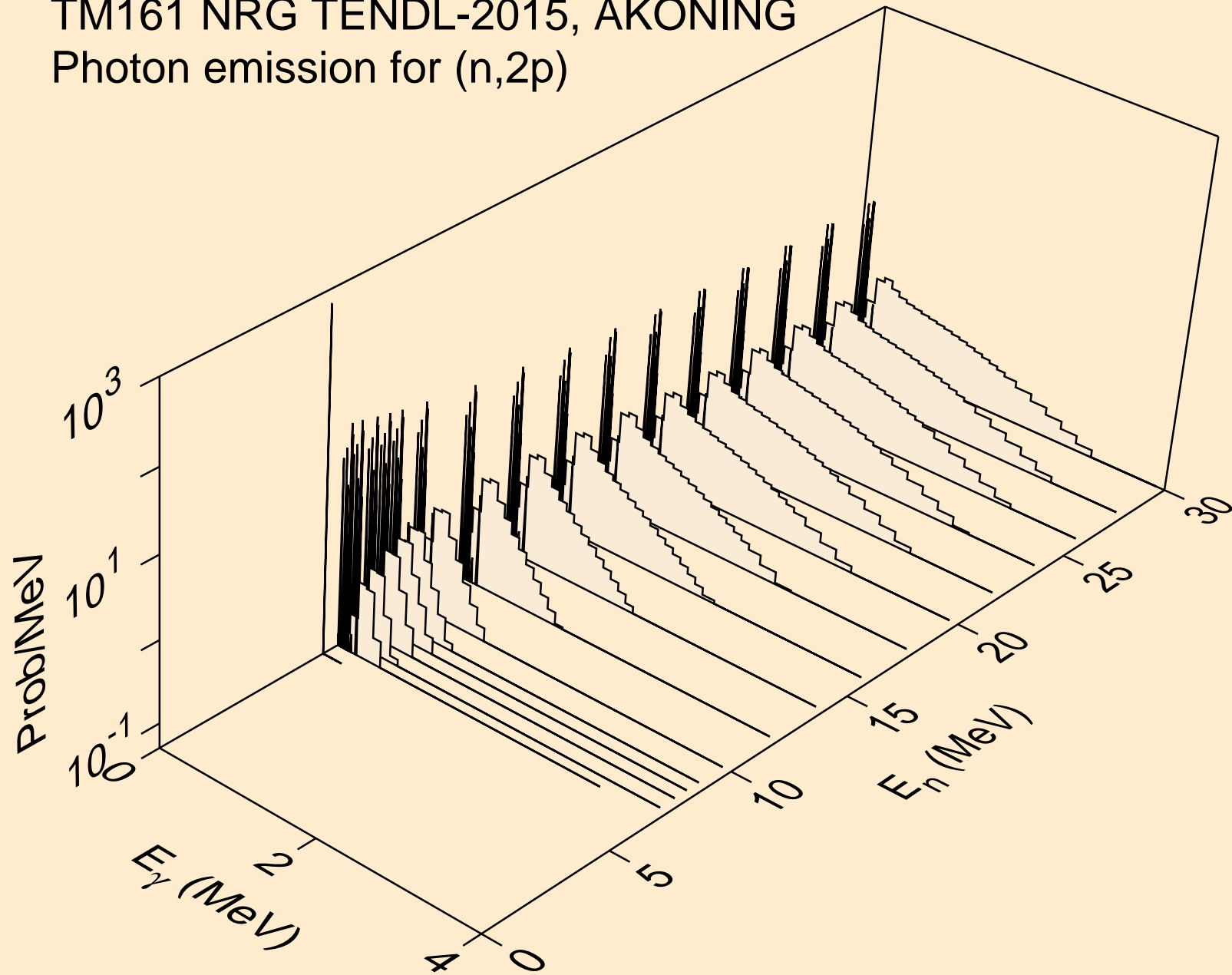
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



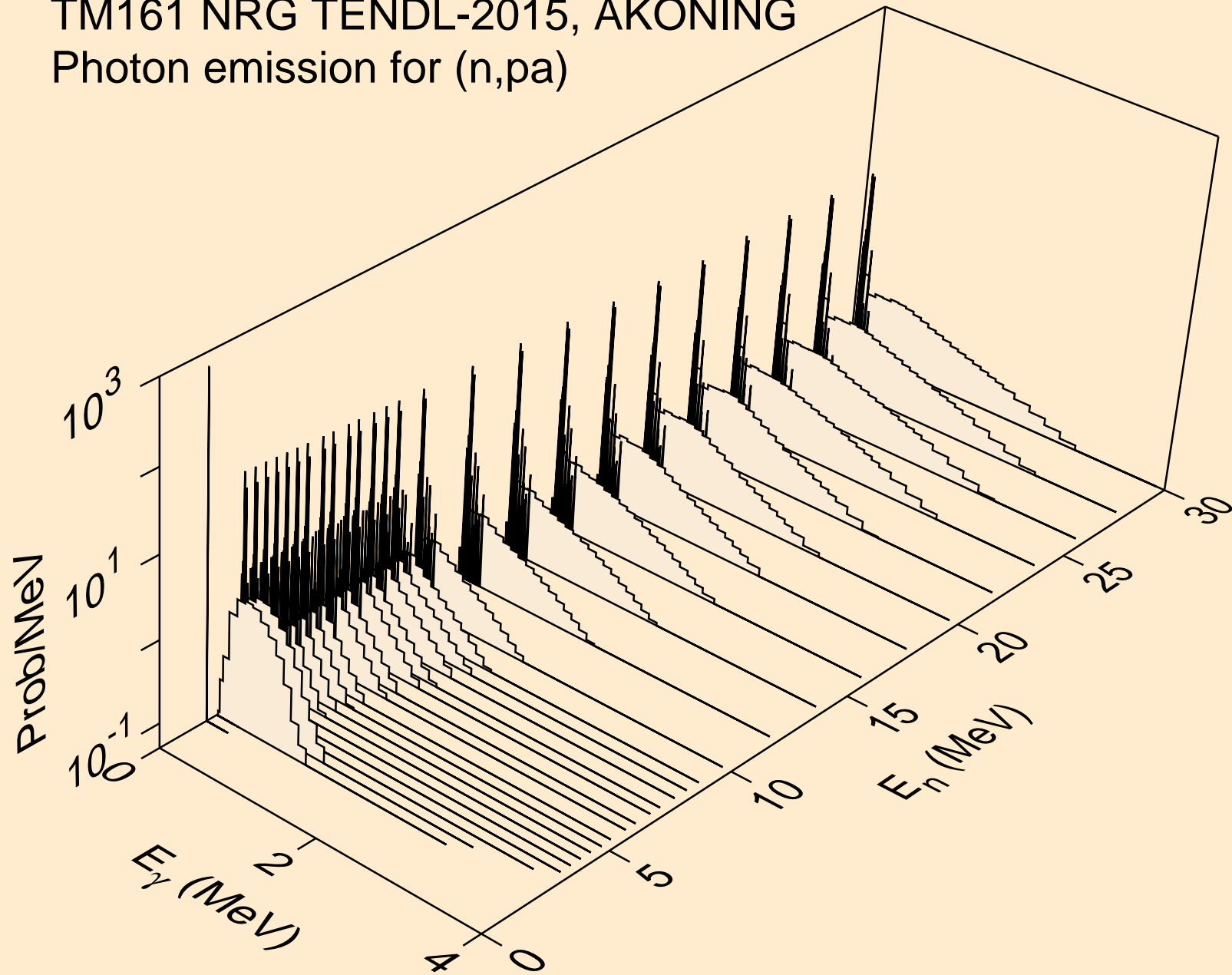
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

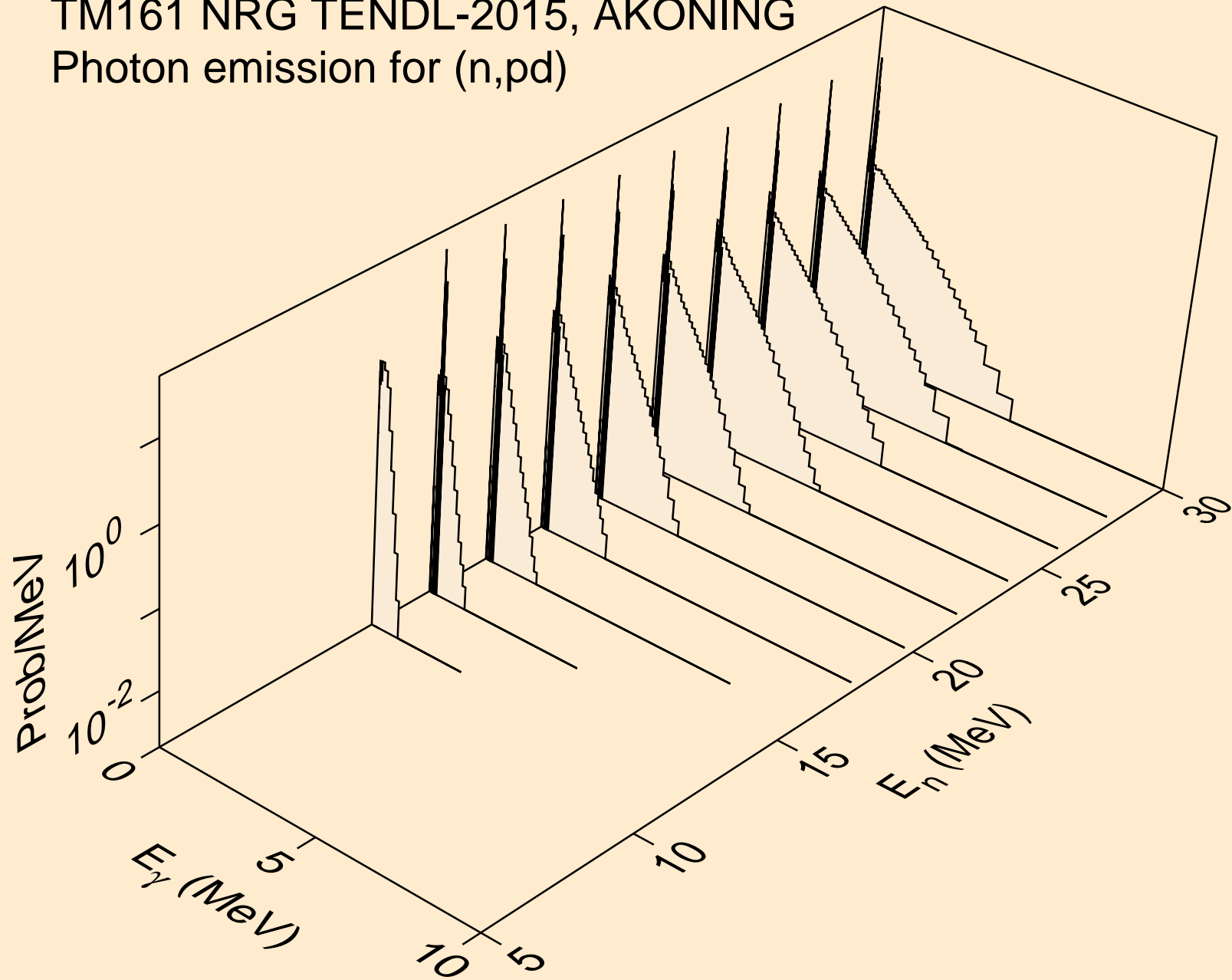


TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

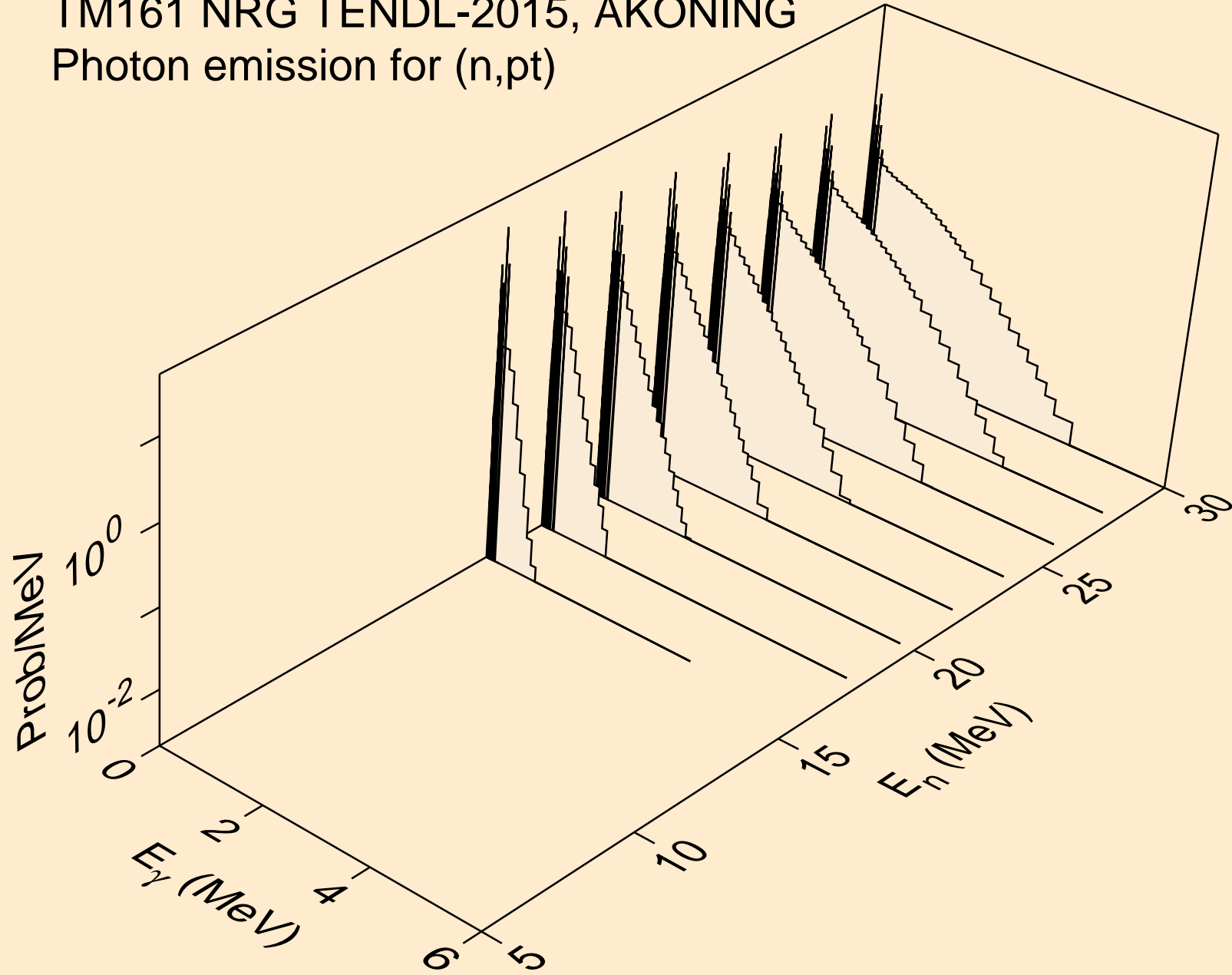




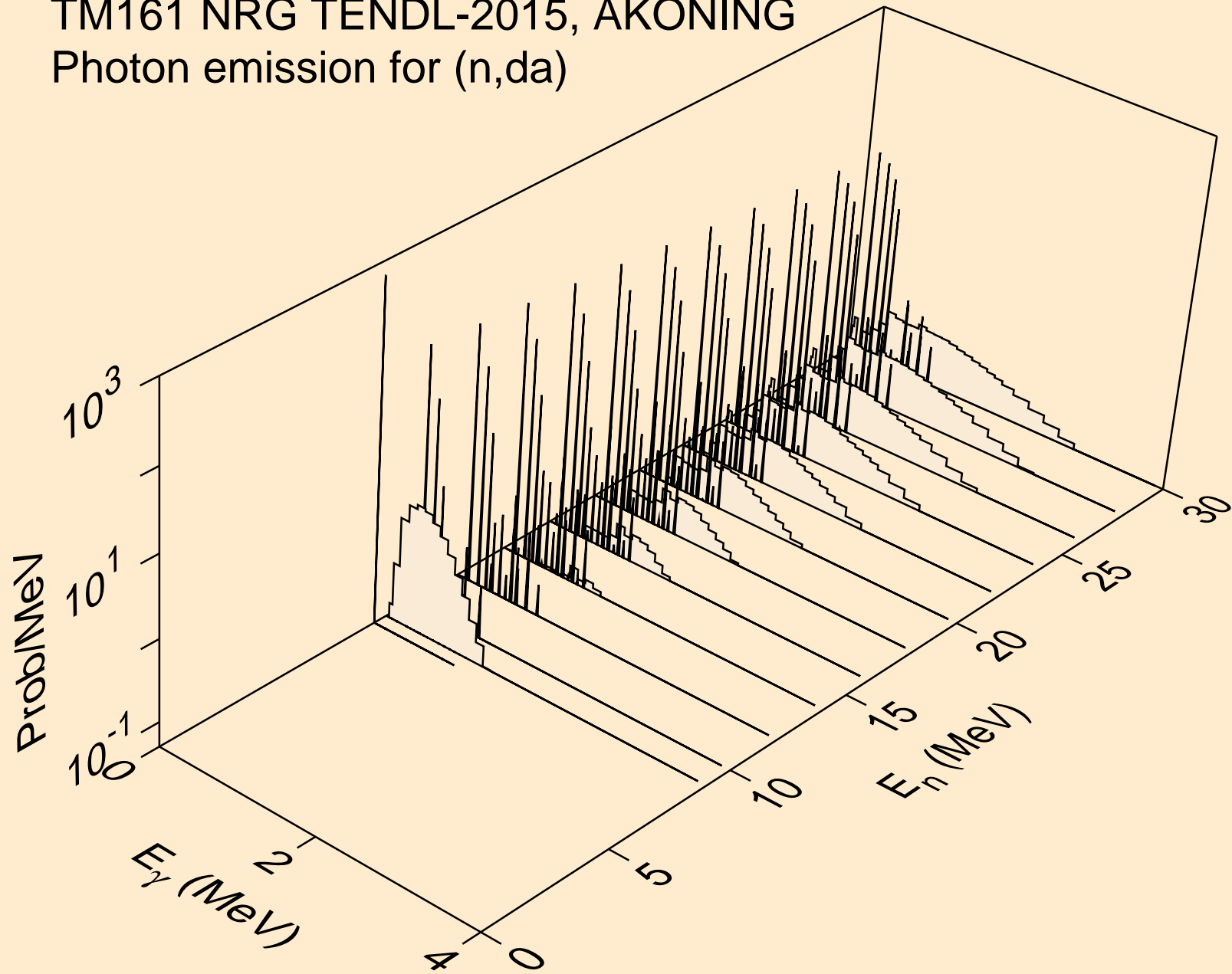
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



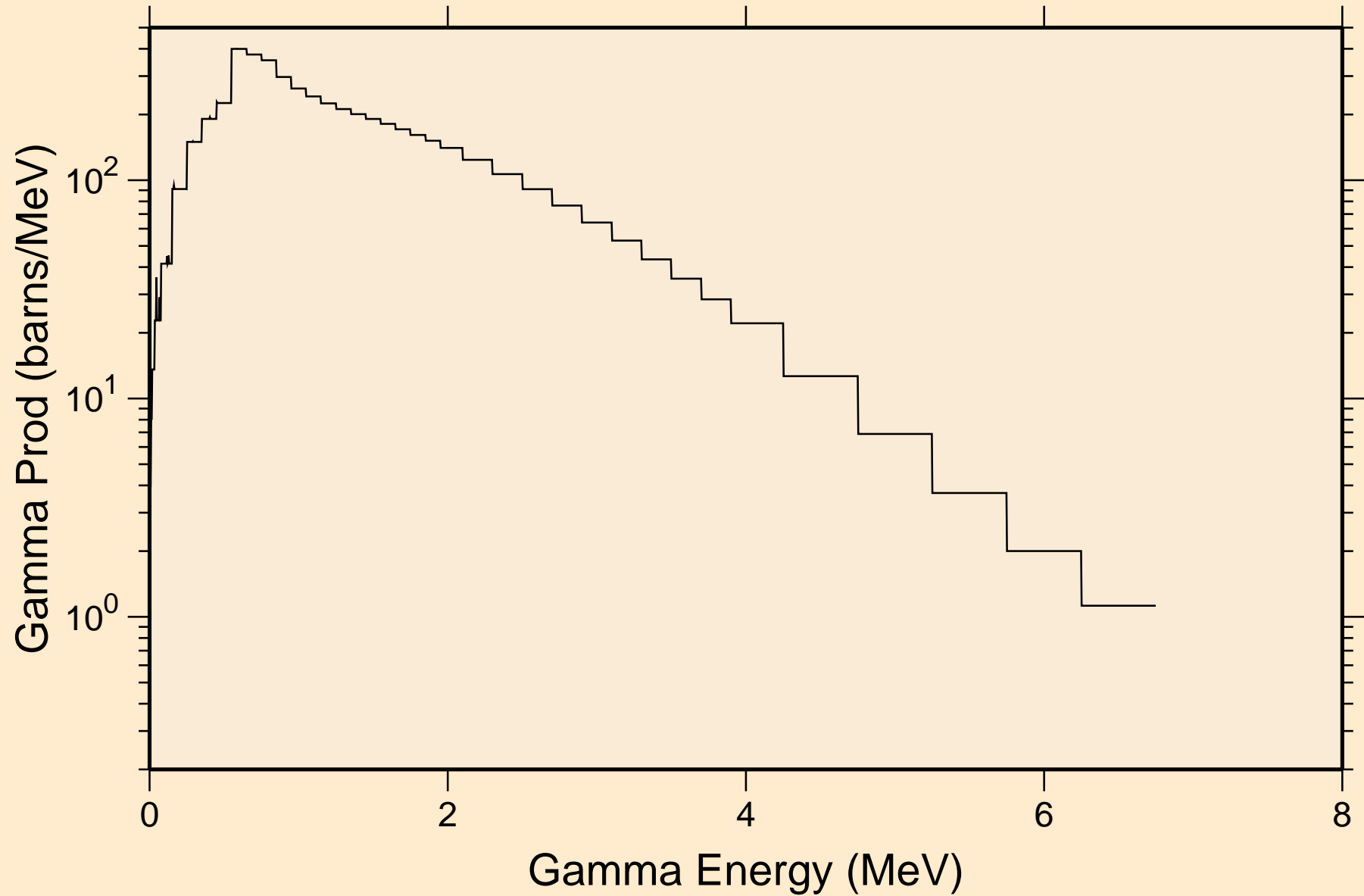
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



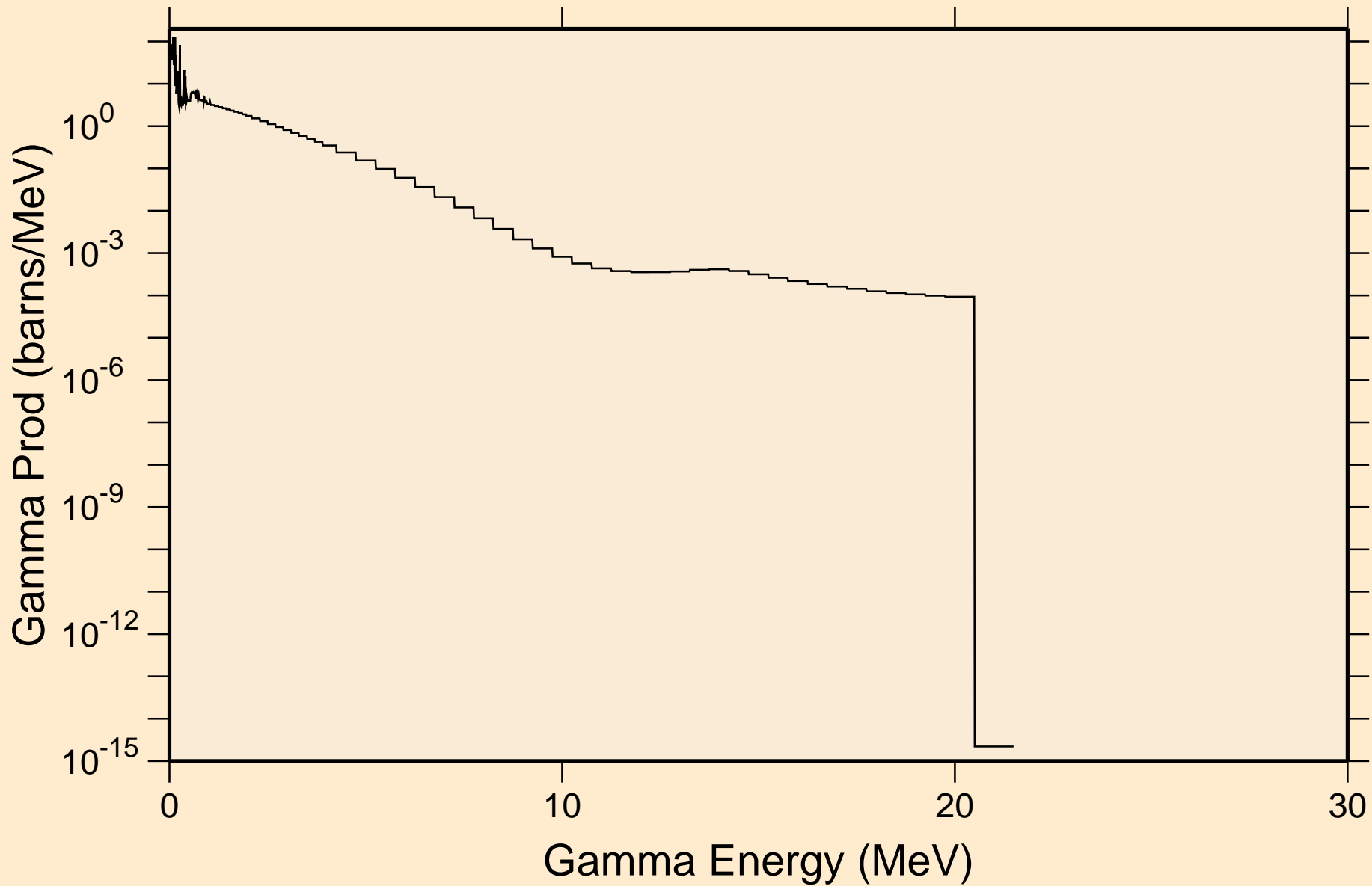
TM161 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TM161 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

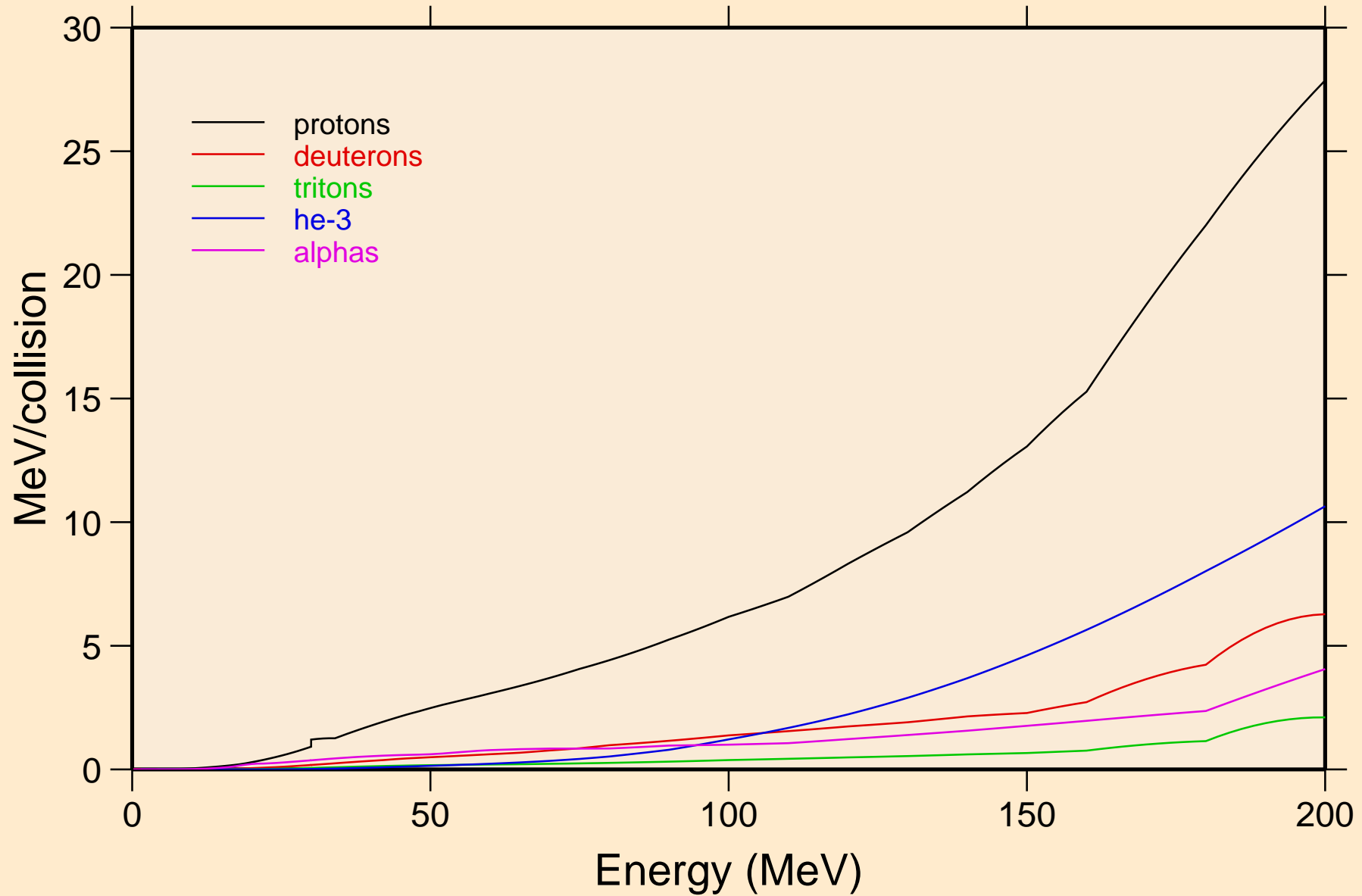


TM161 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



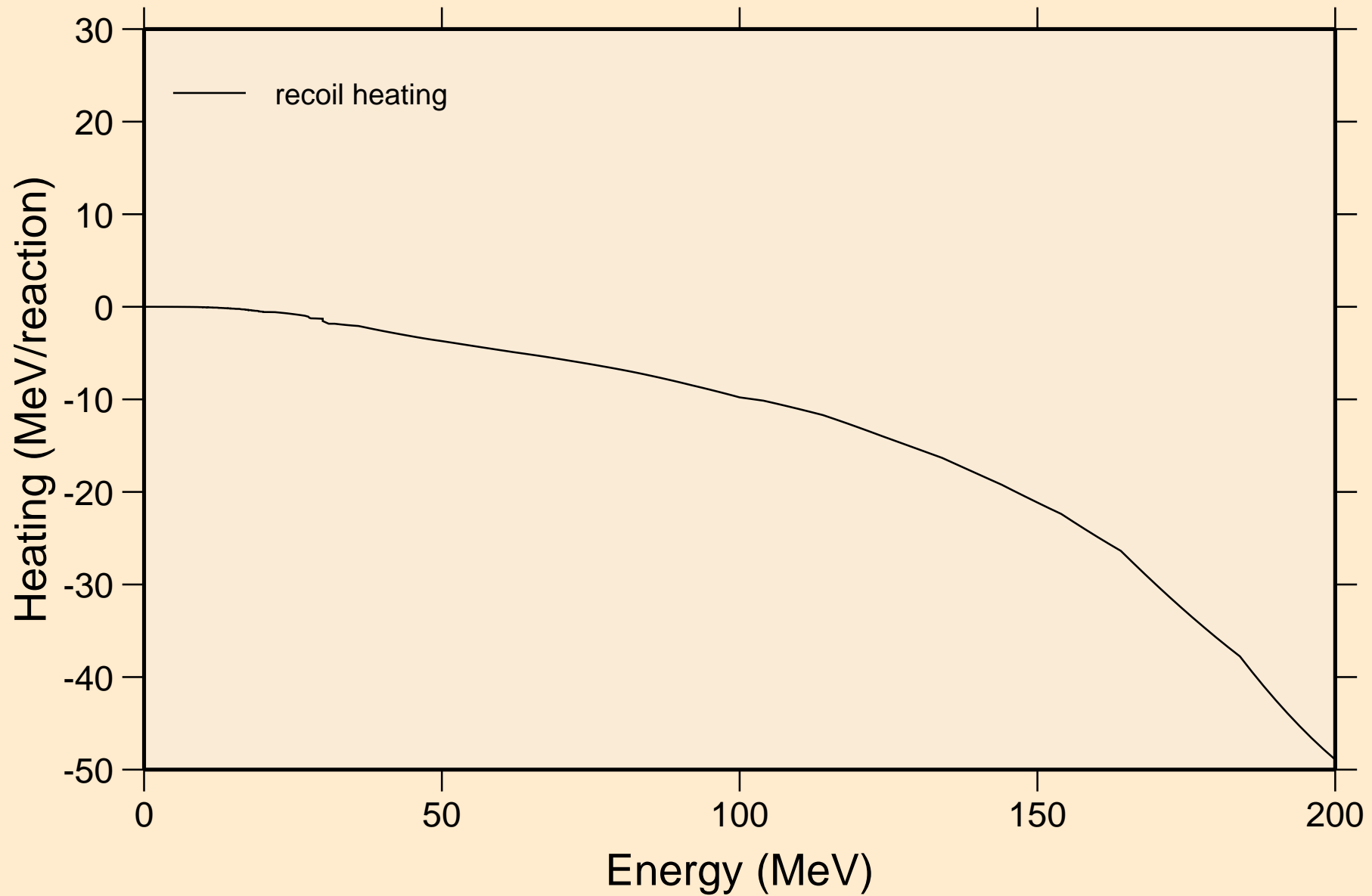
# TM161 NRG TENDL-2015, AKONING

## Particle heating contributions



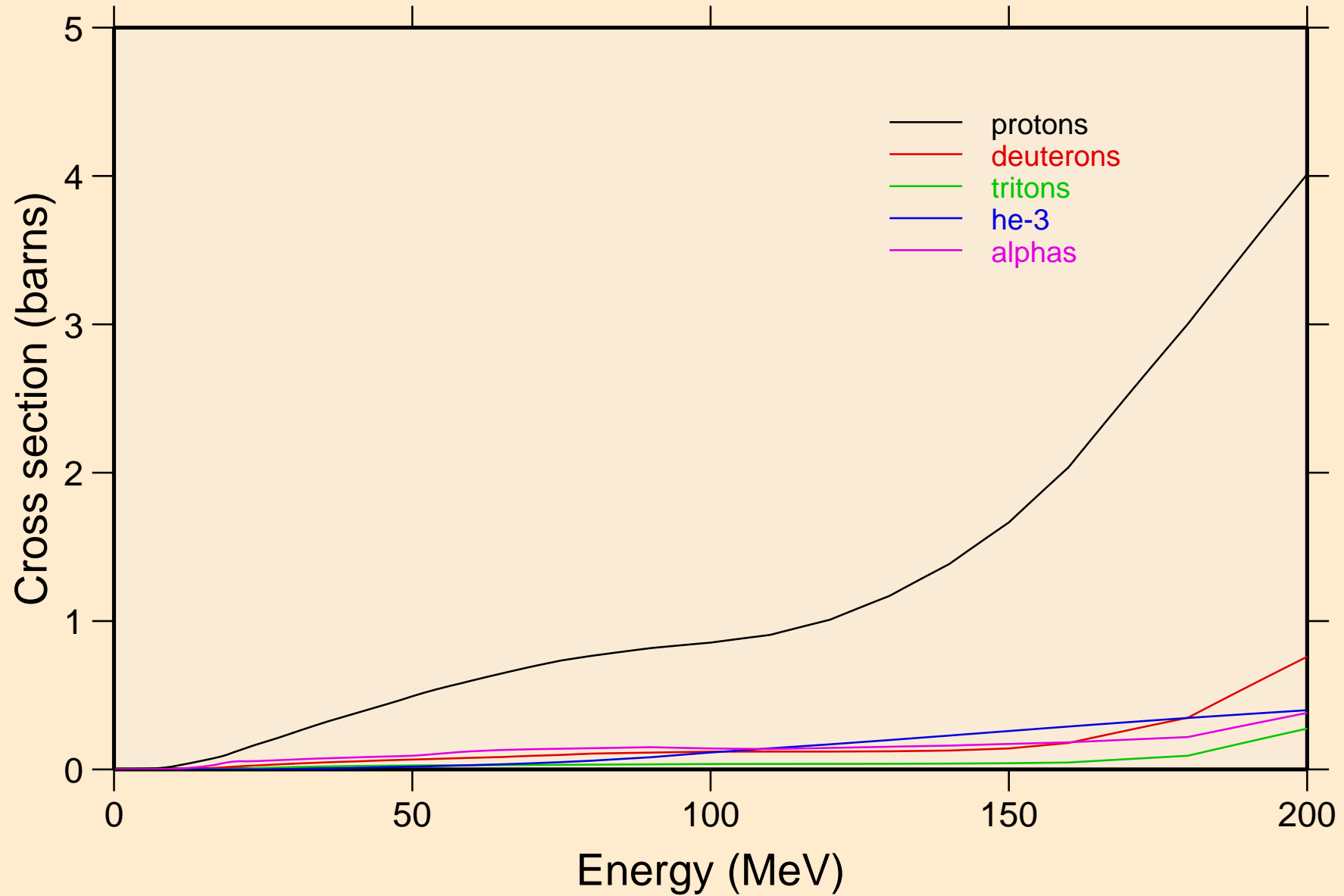
# TM161 NRG TENDL-2015, AKONING

## Recoil Heating



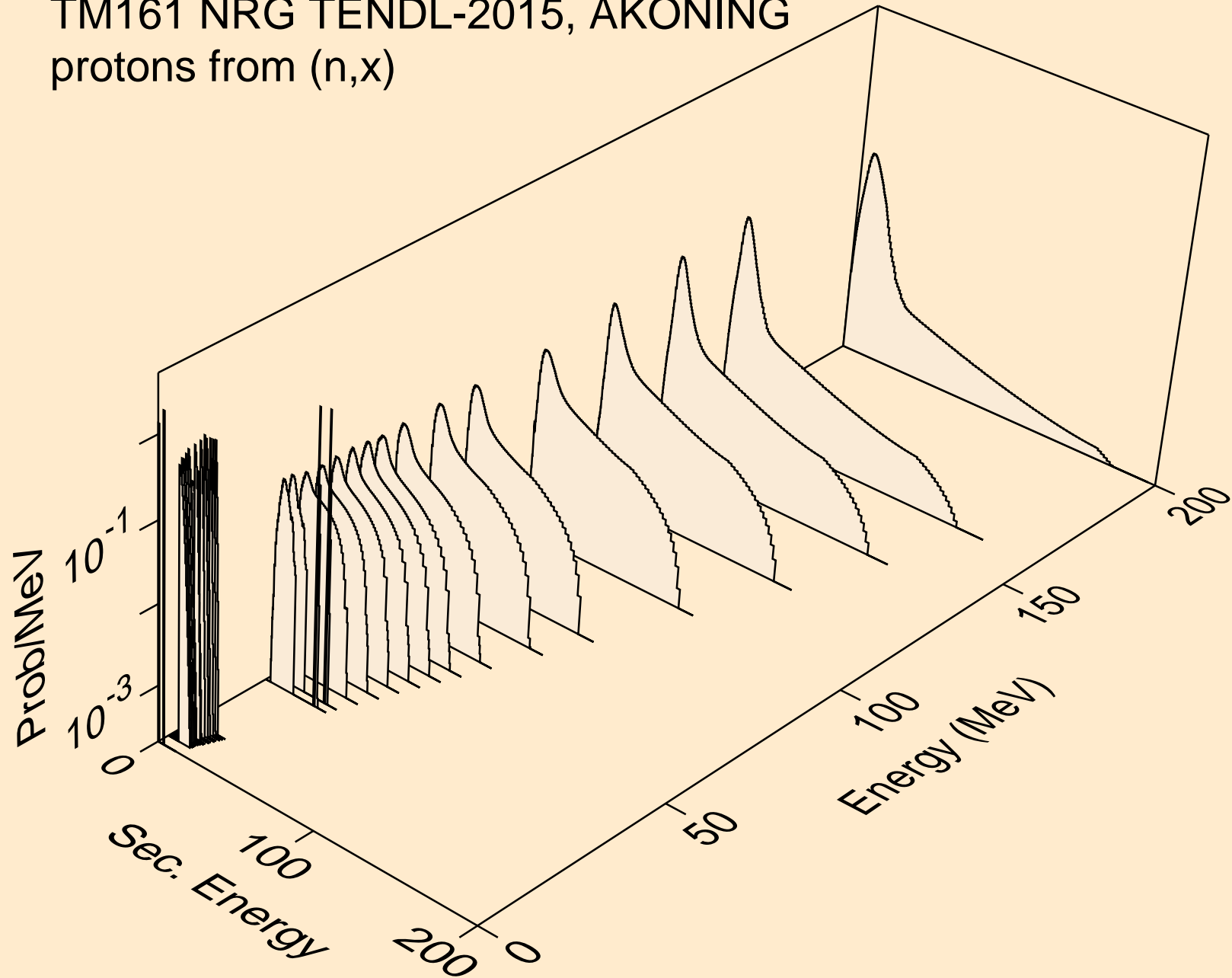
# TM161 NRG TENDL-2015, AKONING

## Particle production cross sections

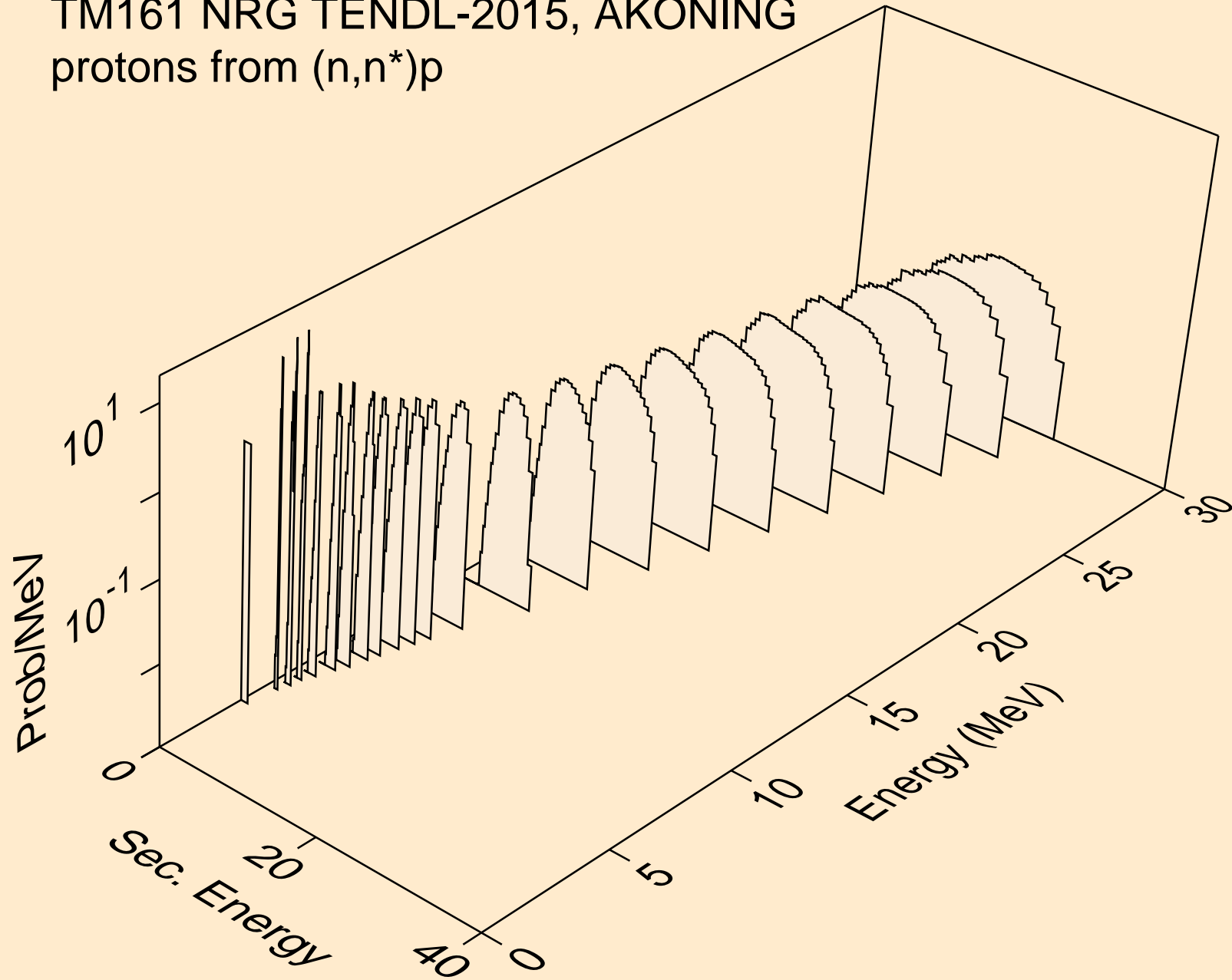




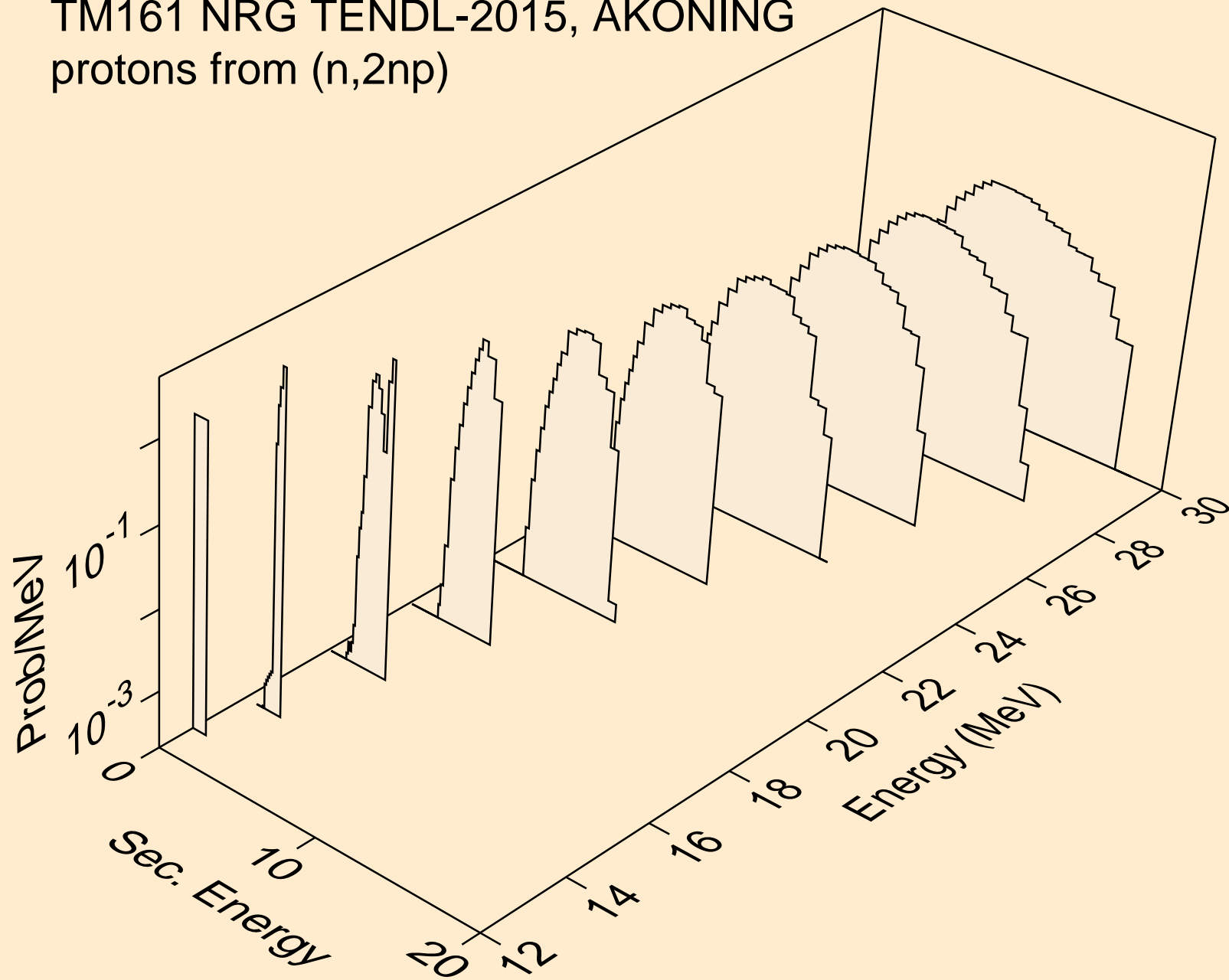
TM161 NRG TENDL-2015, AKONING  
protons from (n,x)



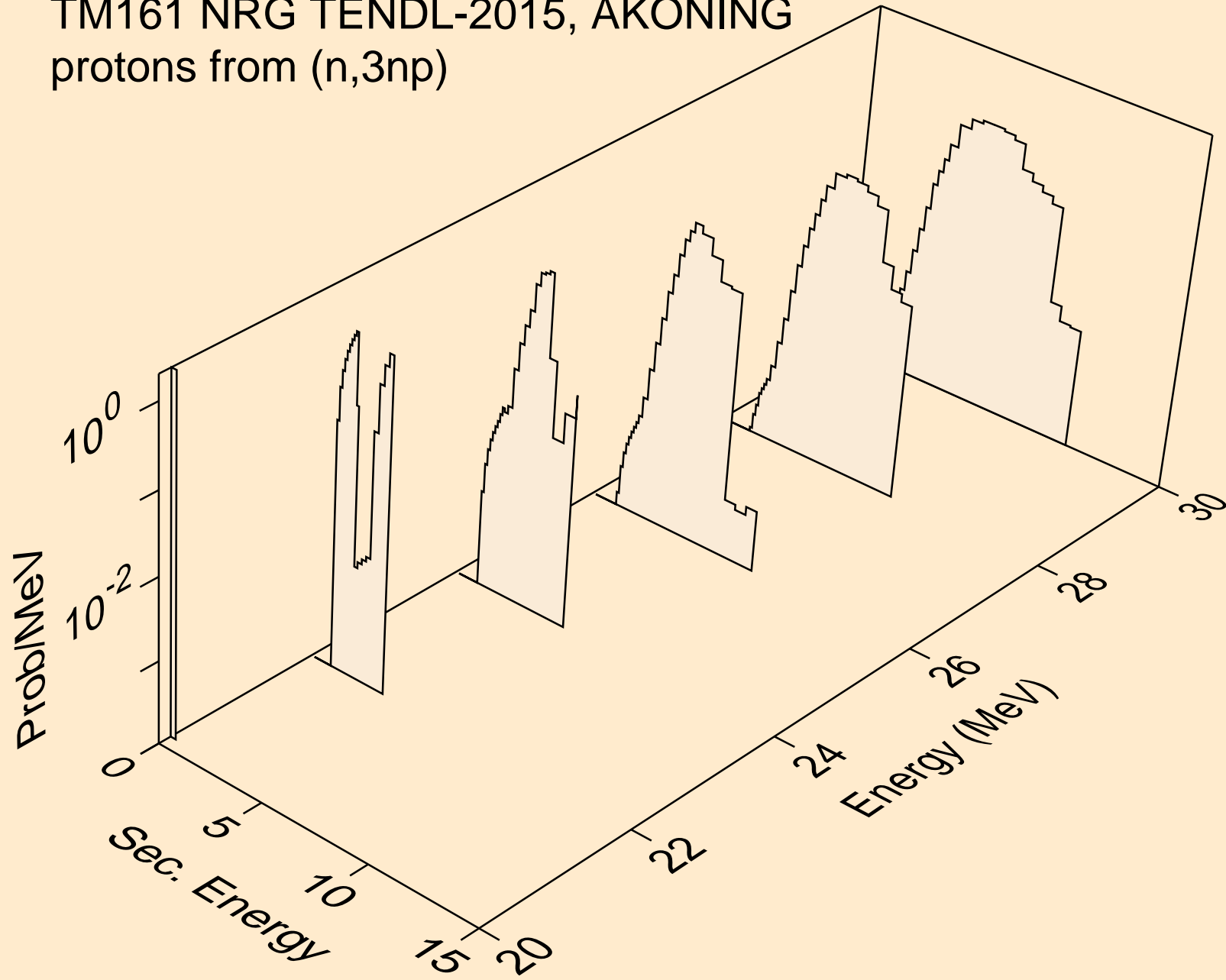
TM161 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



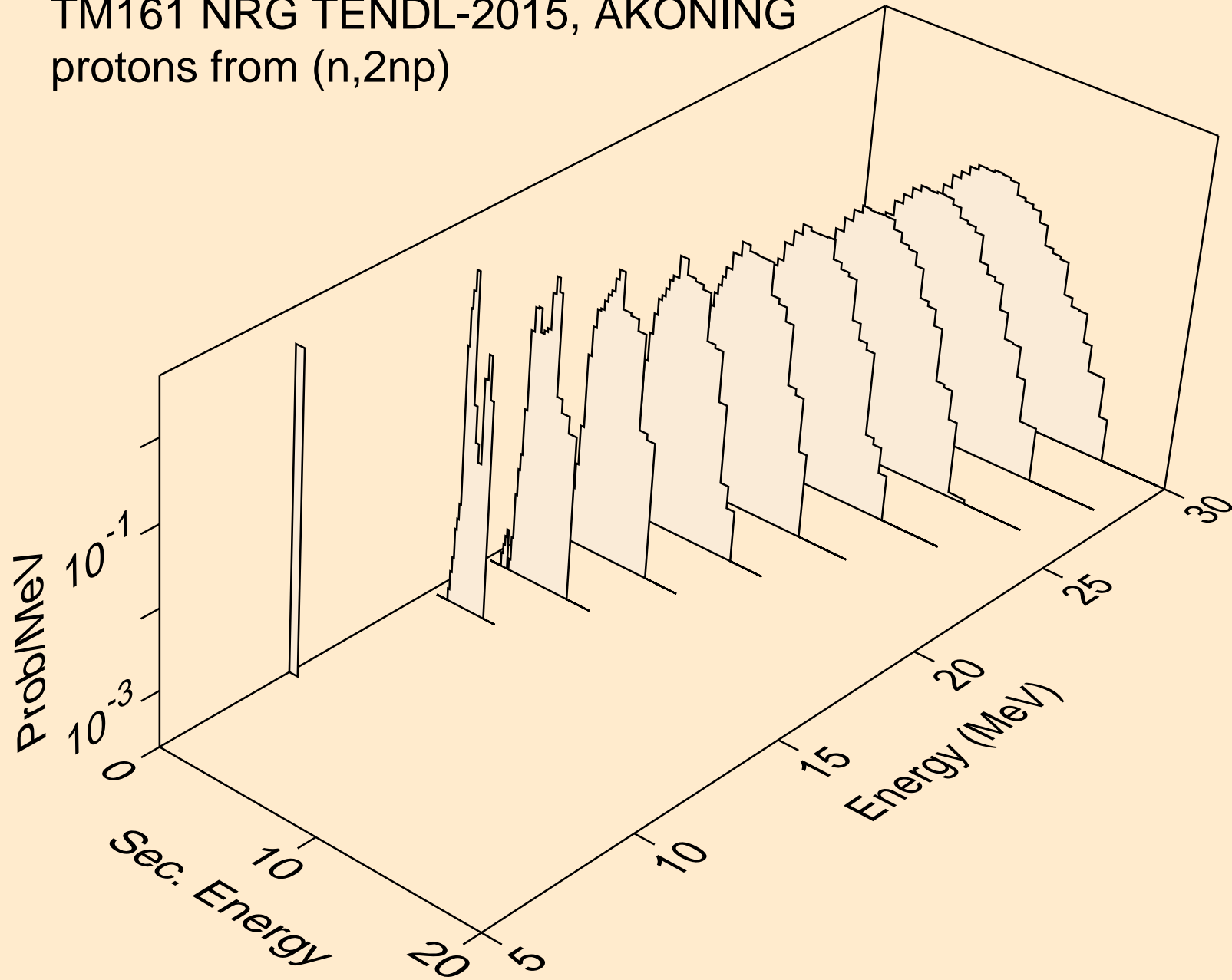
TM161 NRG TENDL-2015, AKONING  
protons from (n,2np)



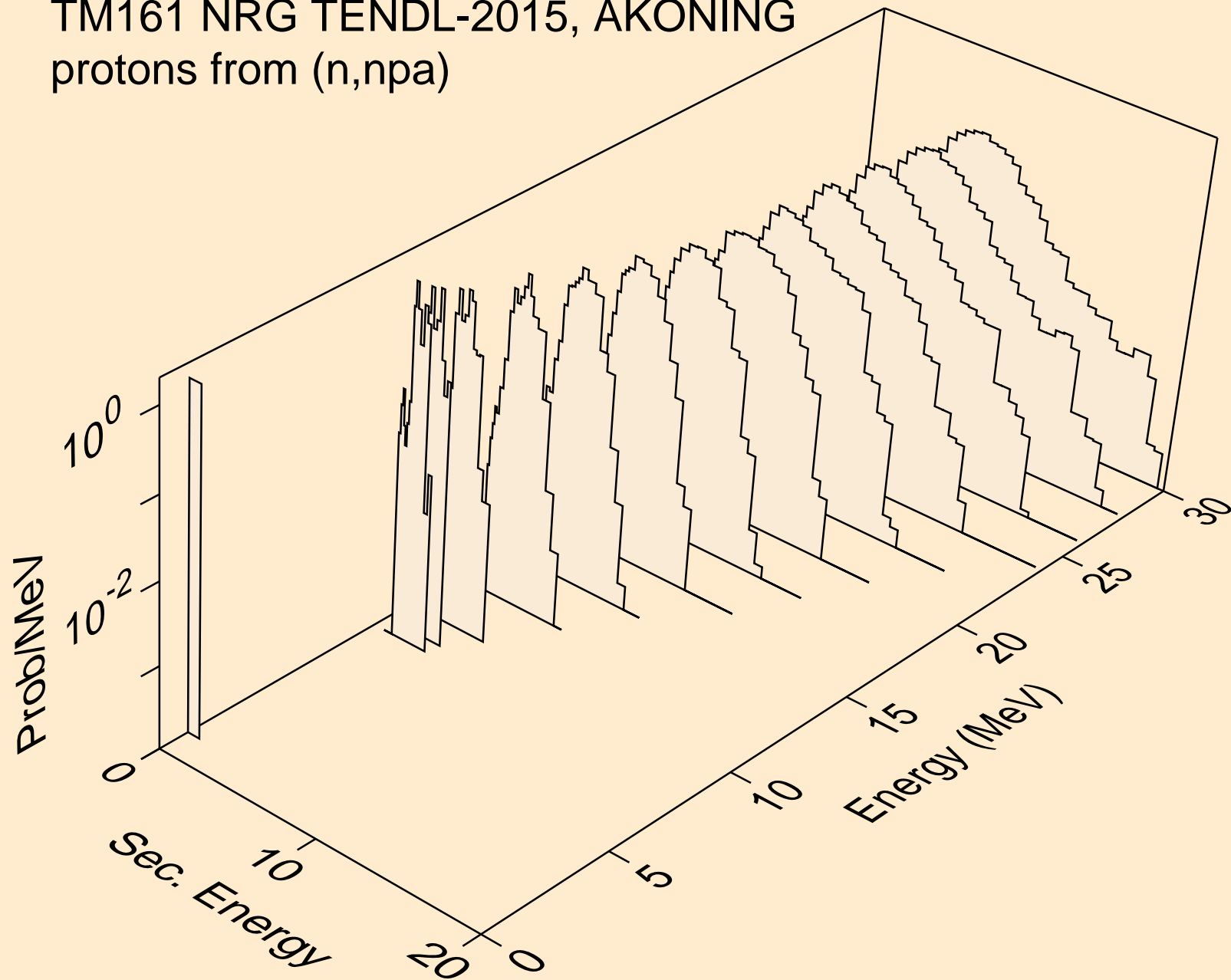
TM161 NRG TENDL-2015, AKONING  
protons from (n,3np)



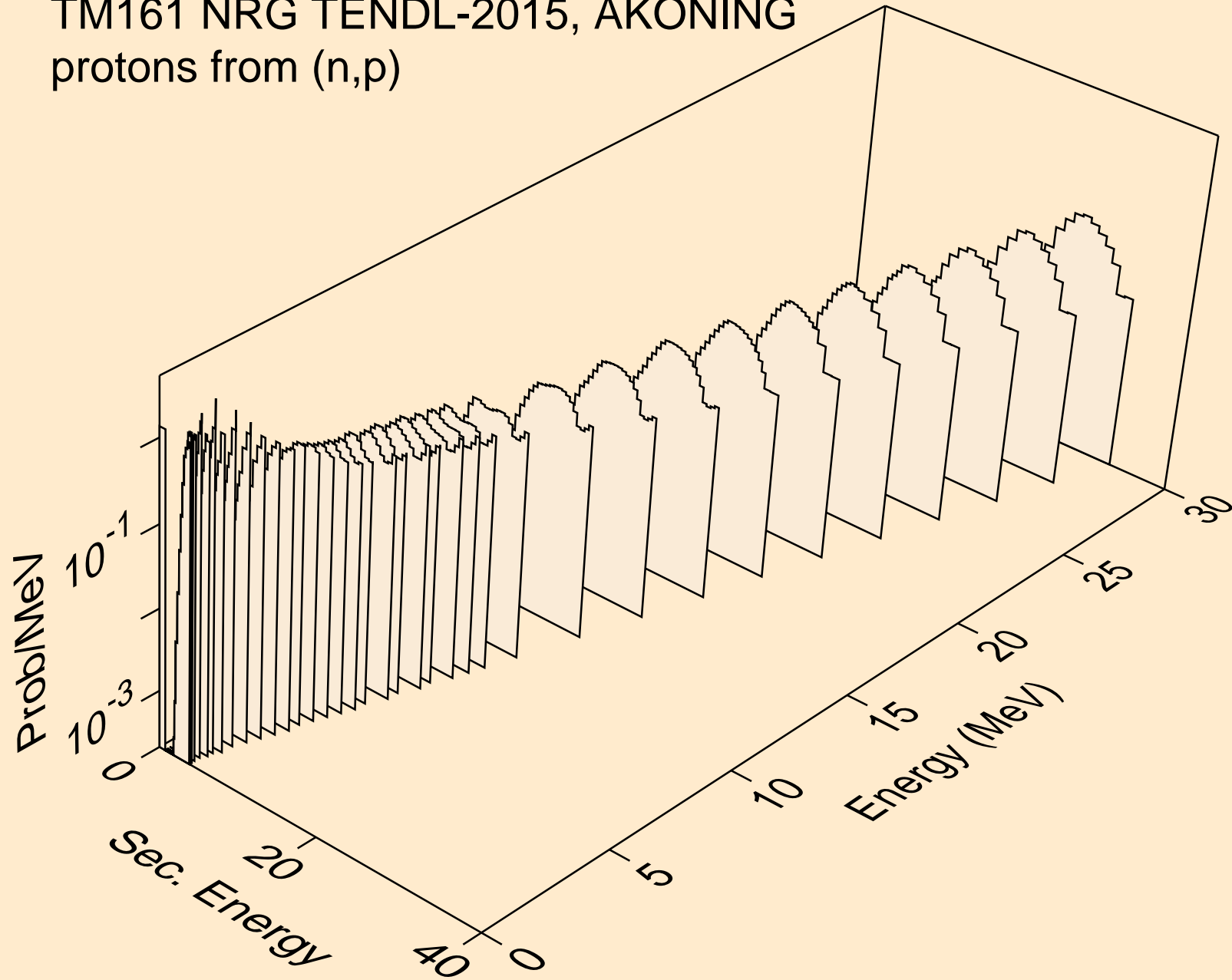
TM161 NRG TENDL-2015, AKONING  
protons from (n,2np)



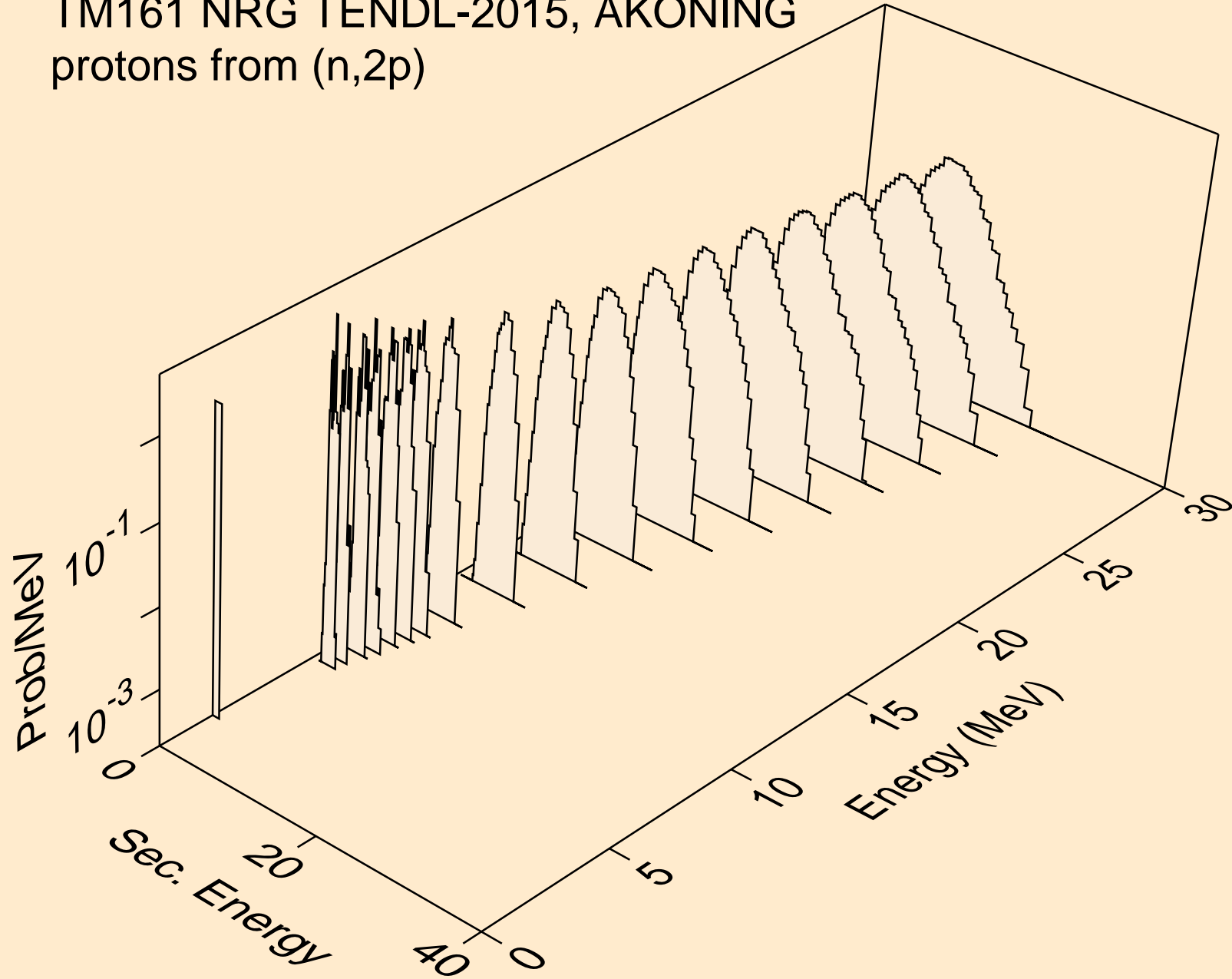
TM161 NRG TENDL-2015, AKONING  
protons from (n,npa)



TM161 NRG TENDL-2015, AKONING  
protons from (n,p)

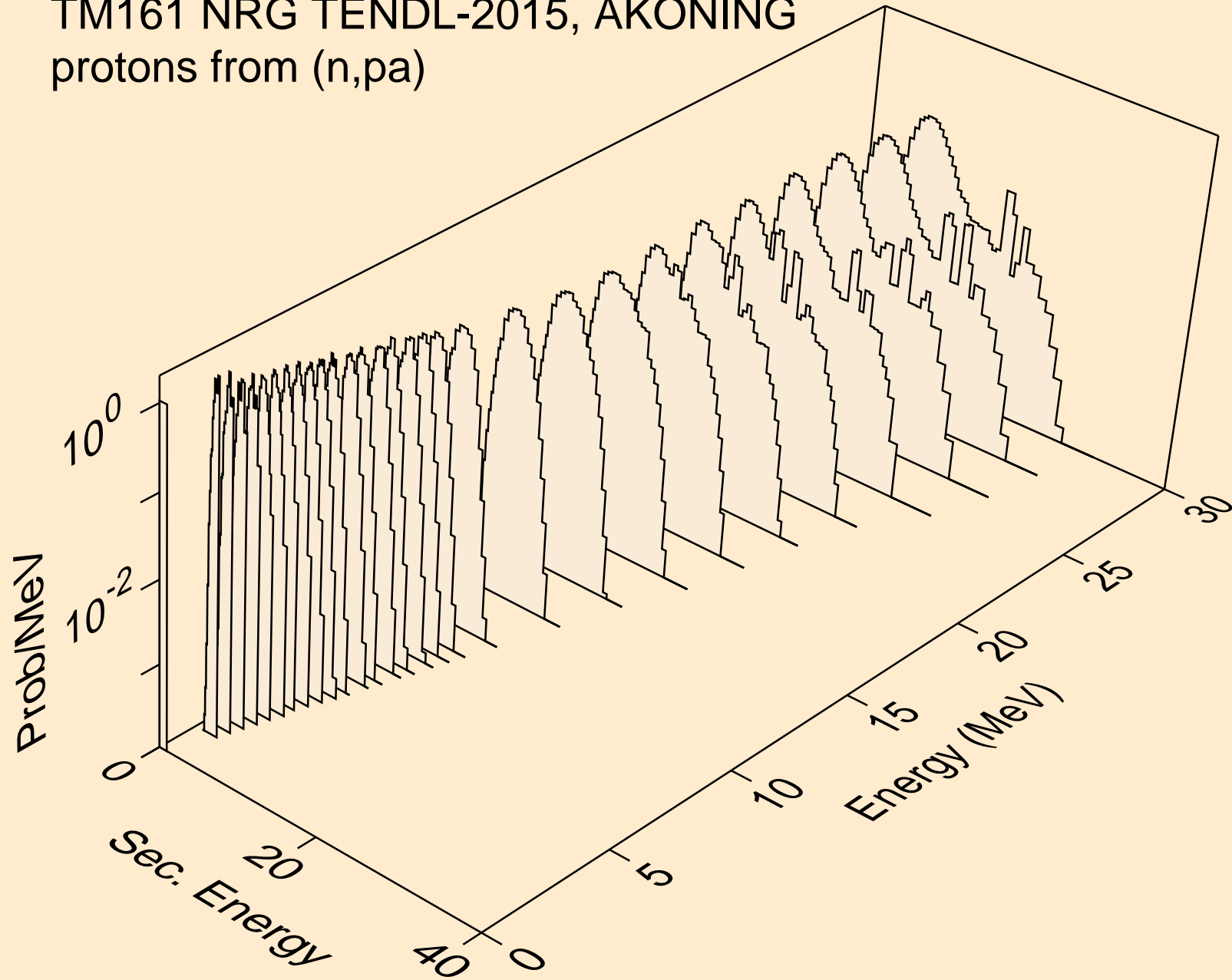


TM161 NRG TENDL-2015, AKONING  
protons from (n,2p)

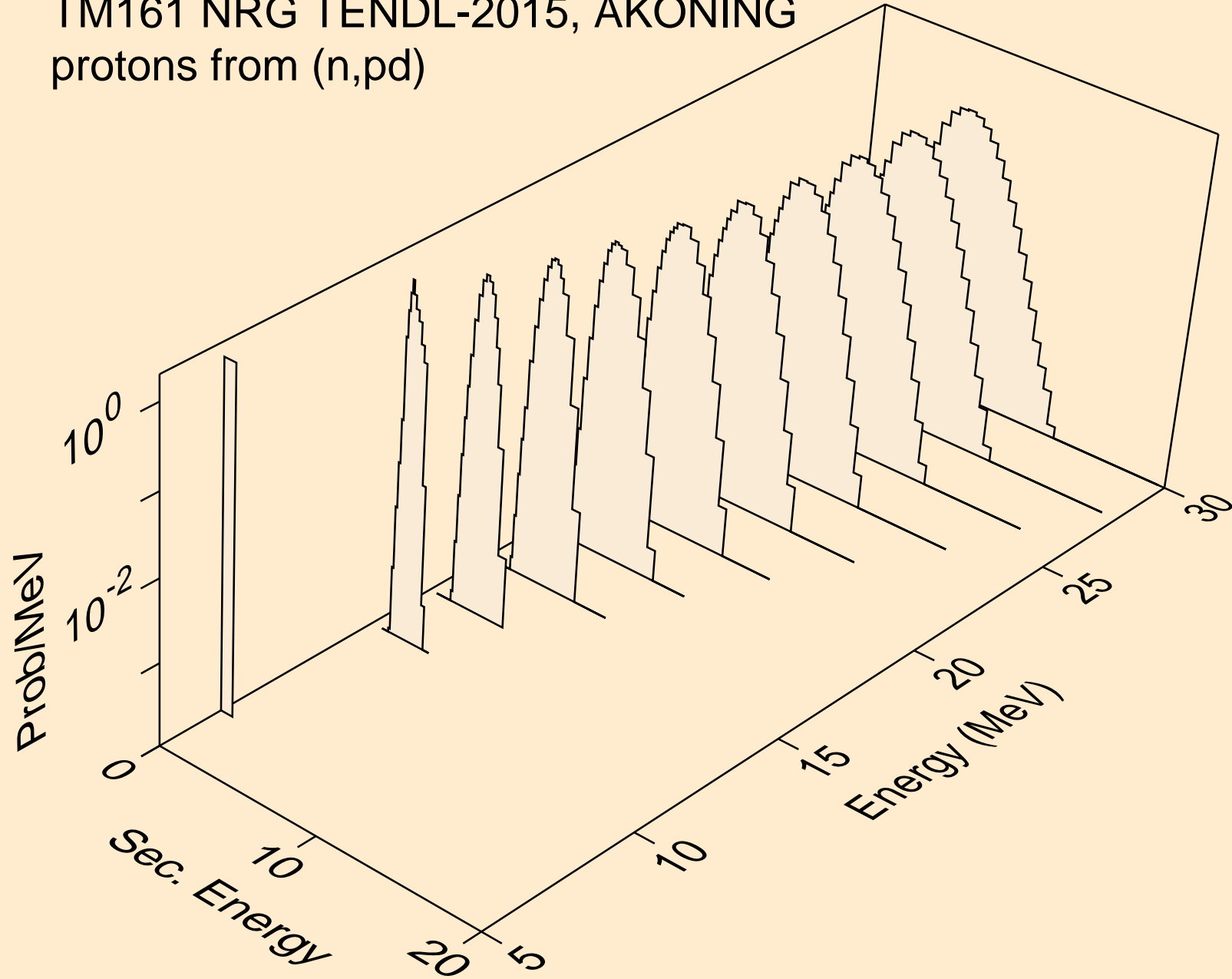




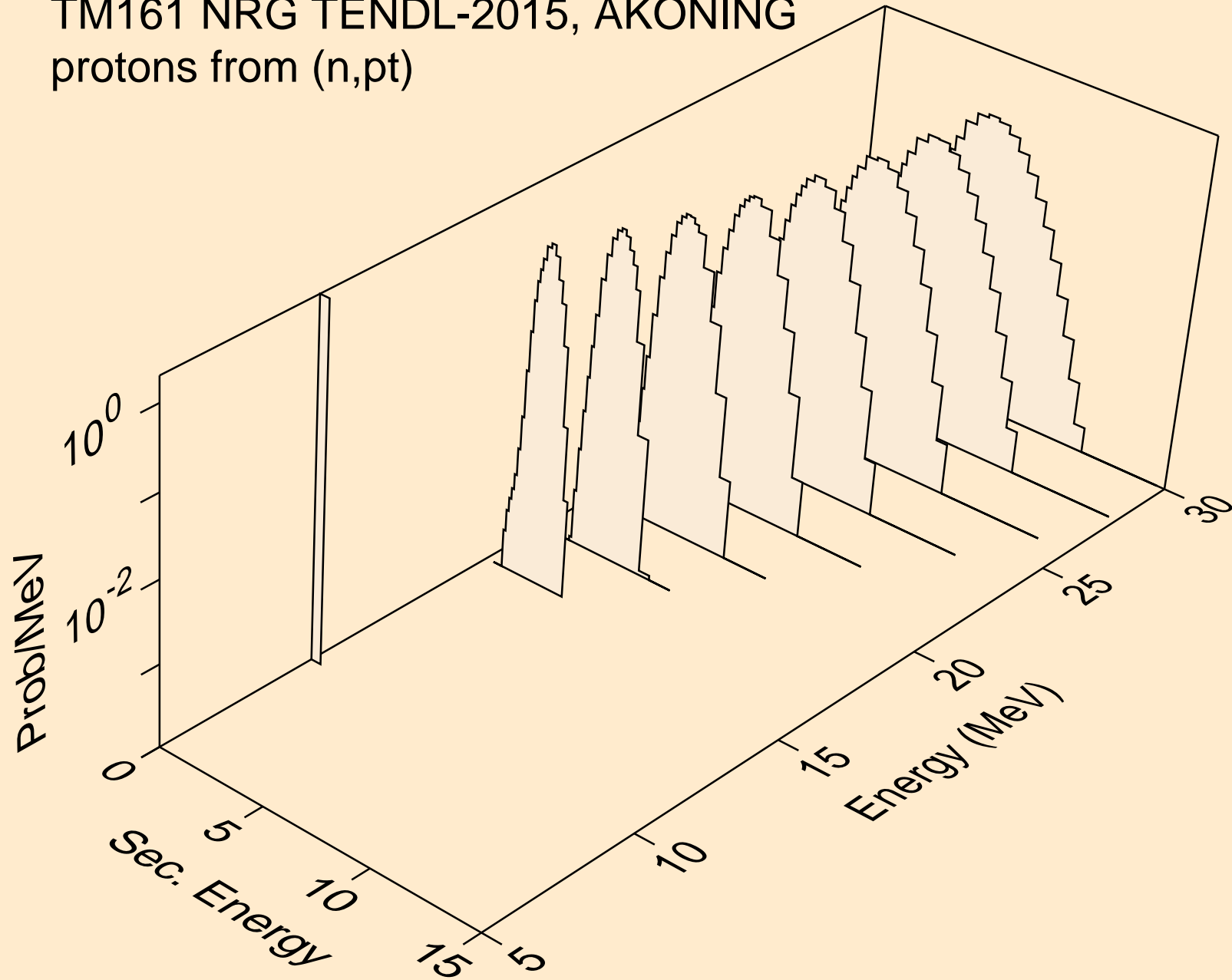
TM161 NRG TENDL-2015, AKONING  
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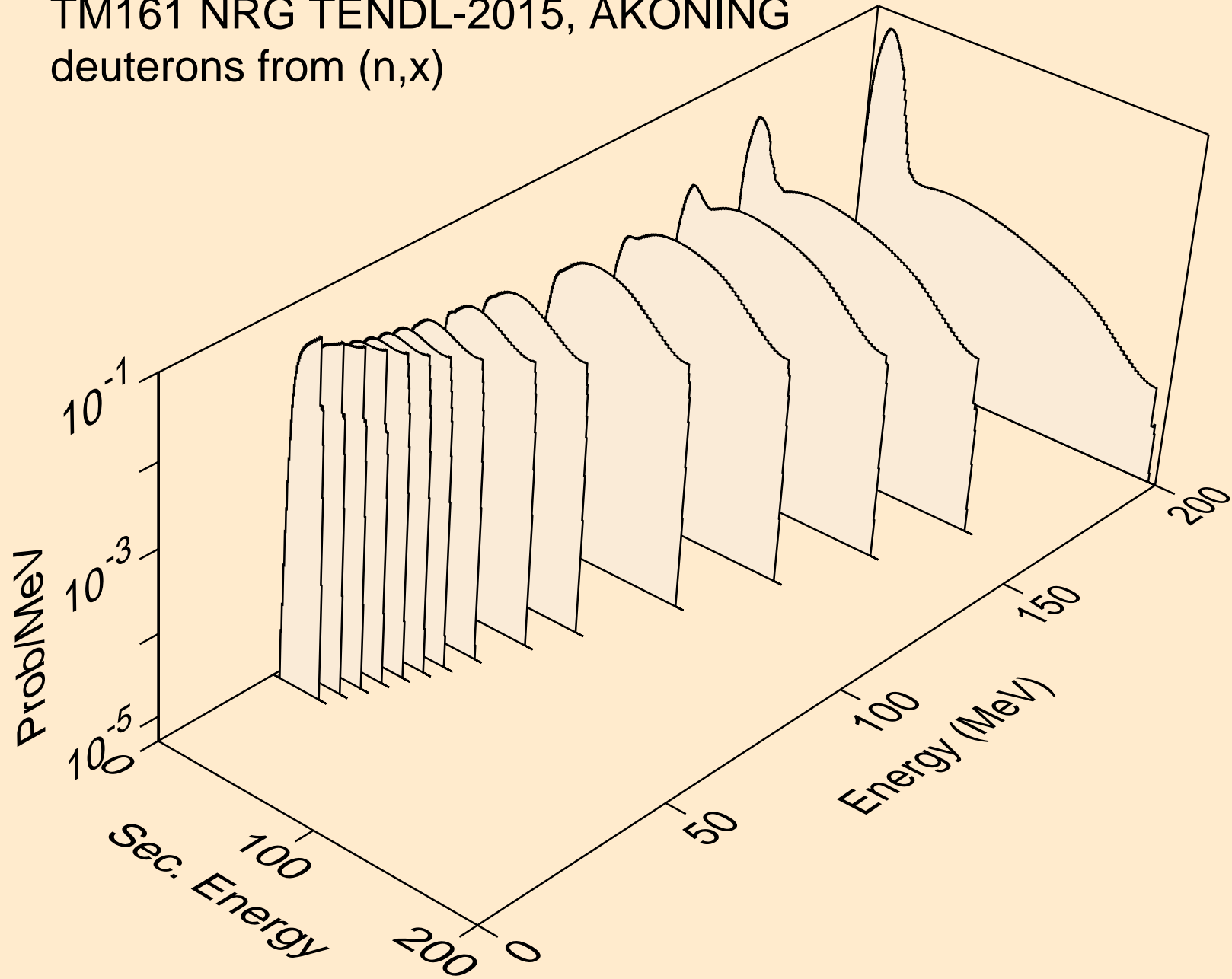
TM161 NRG TENDL-2015, AKONING  
protons from (n,pd)



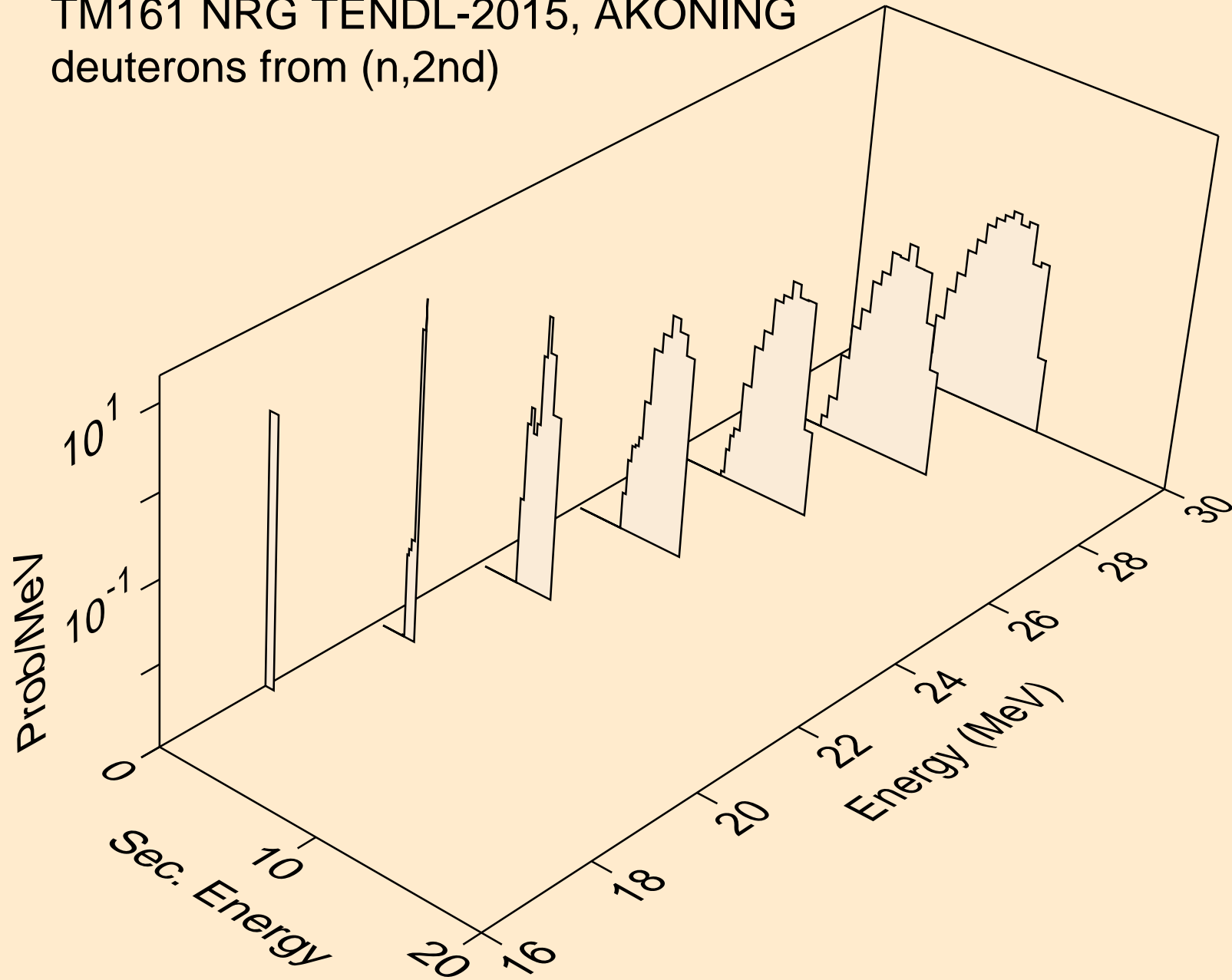
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protons from (n,pt)



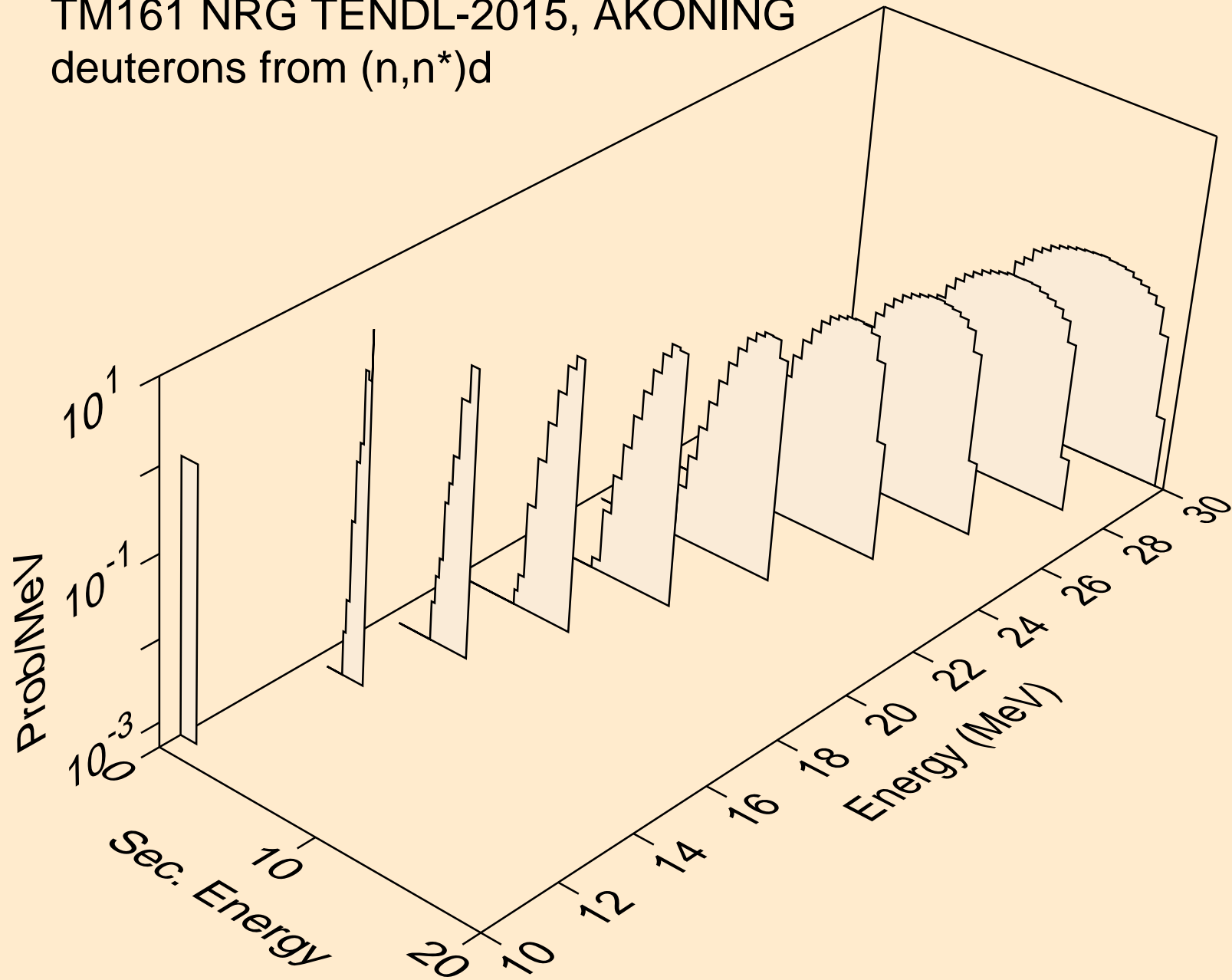
TM161 NRG TENDL-2015, AKONING  
deuterons from (n,x)



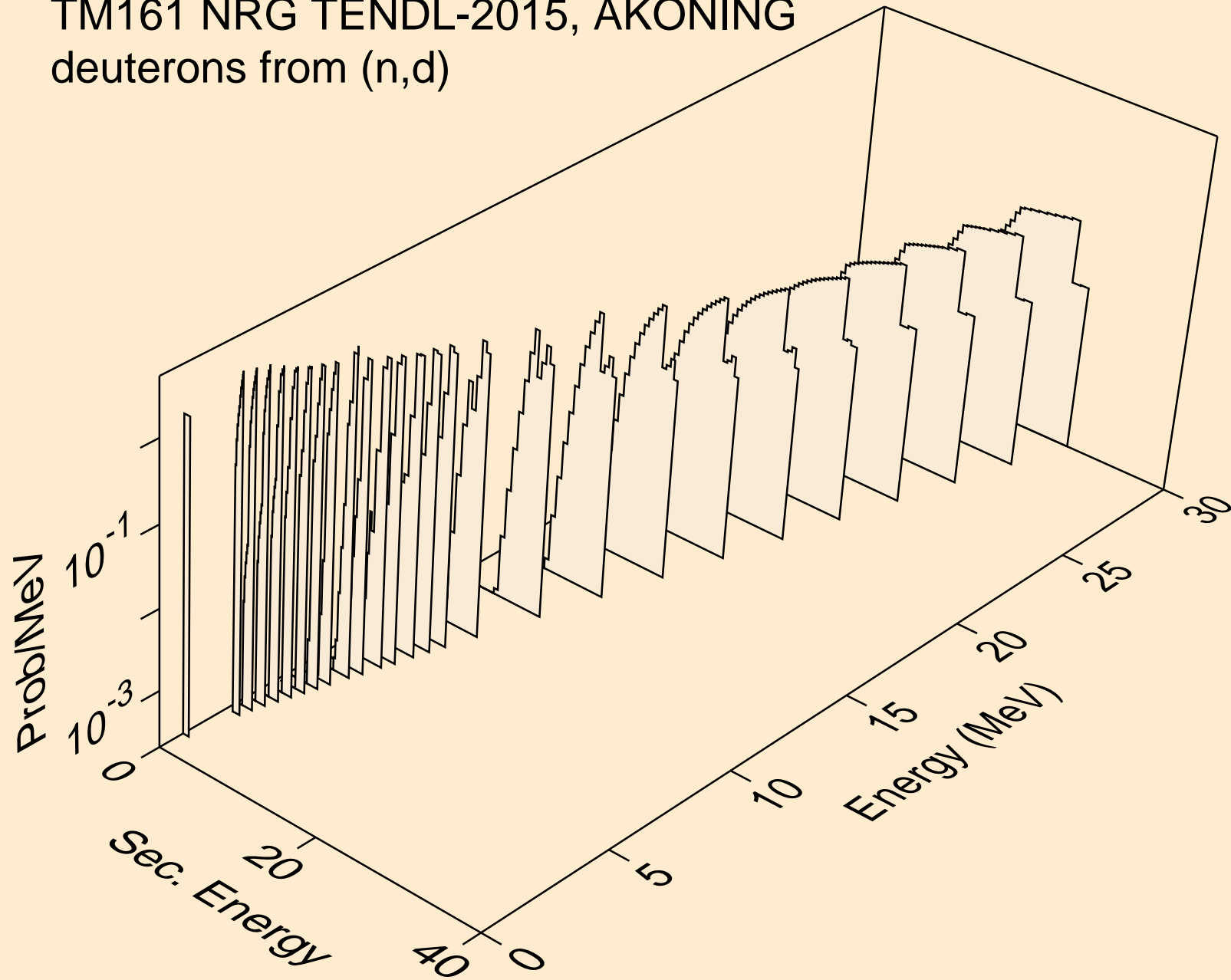
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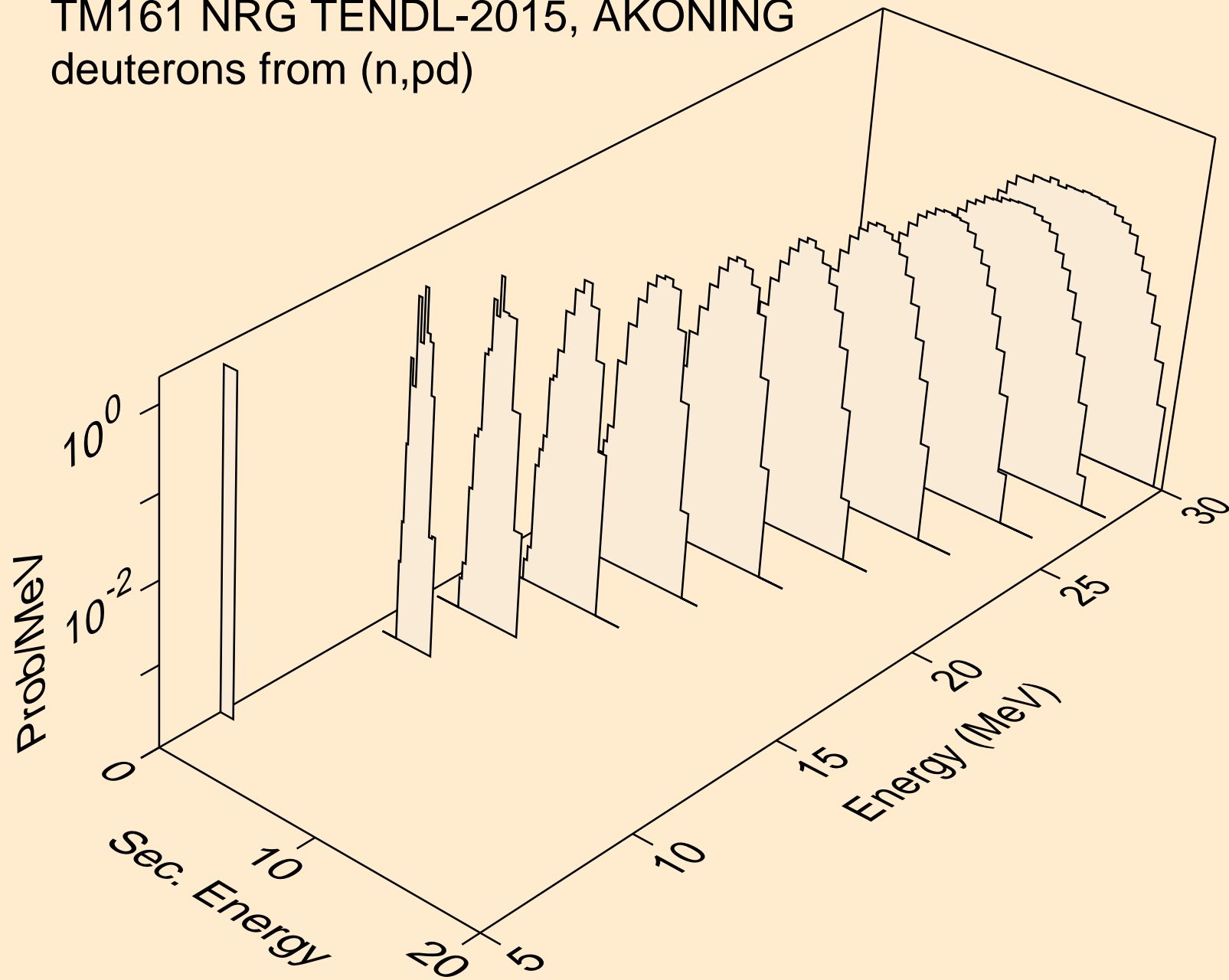
TM161 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



TM161 NRG TENDL-2015, AKONING  
deuterons from (n,d)

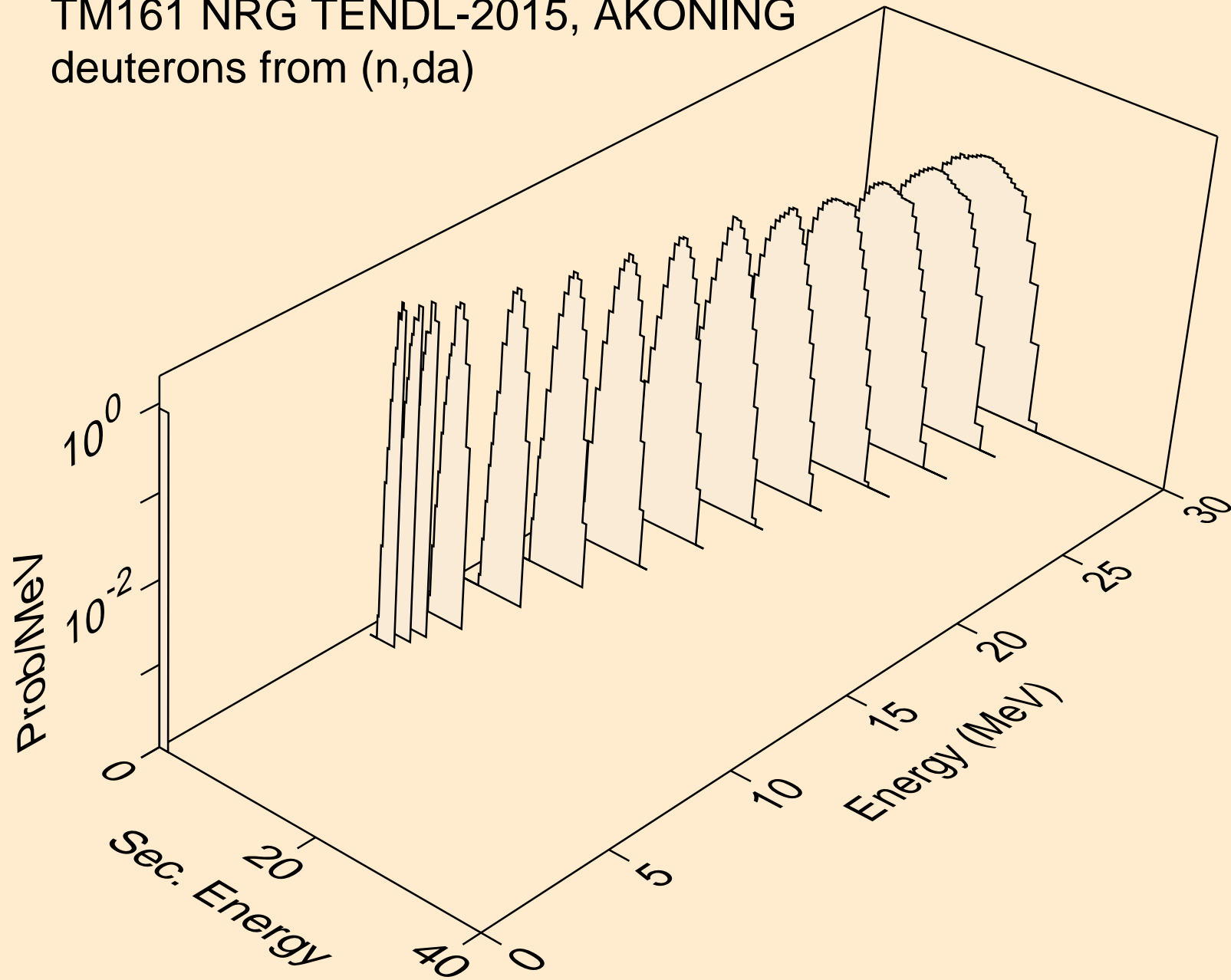


TM161 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

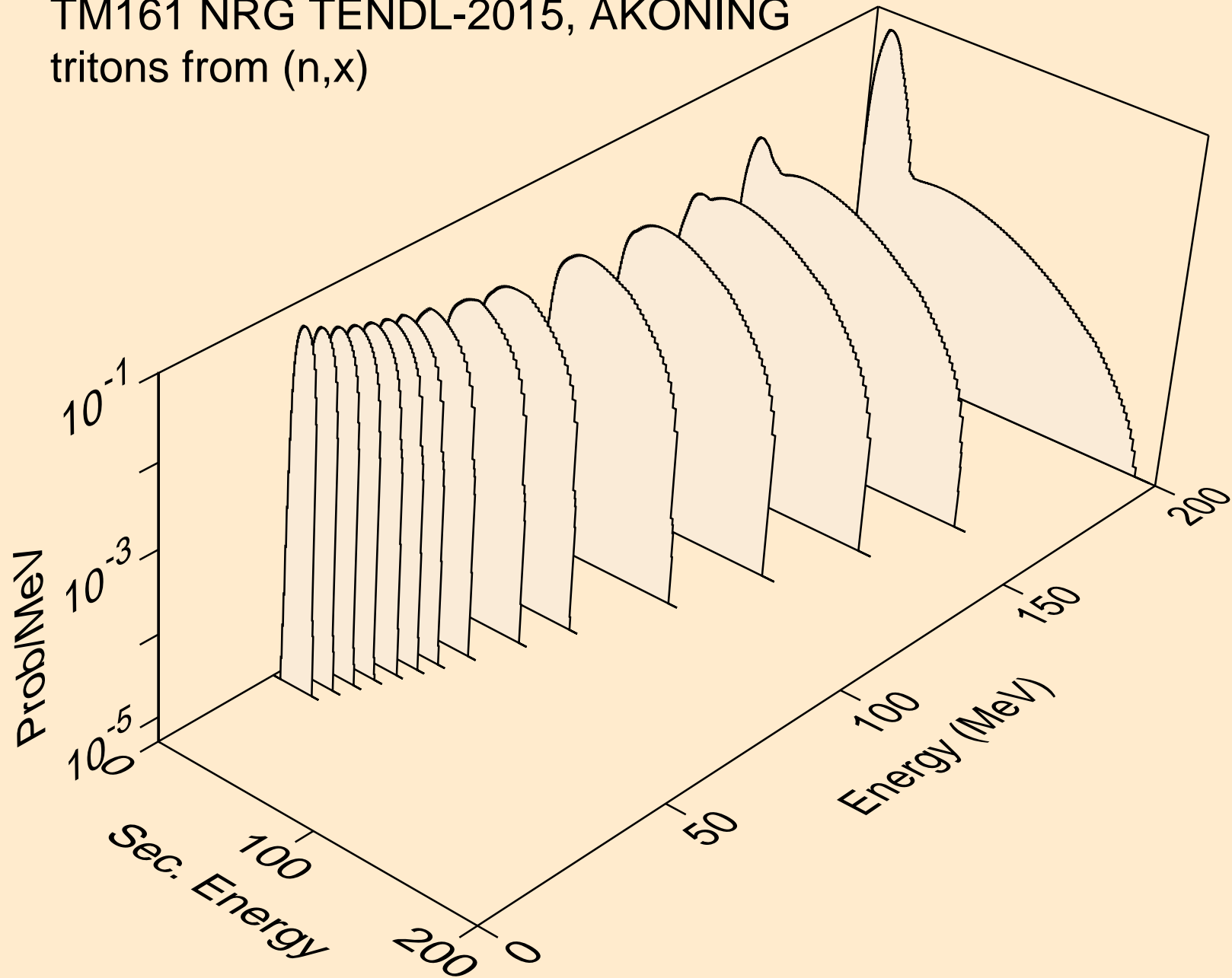




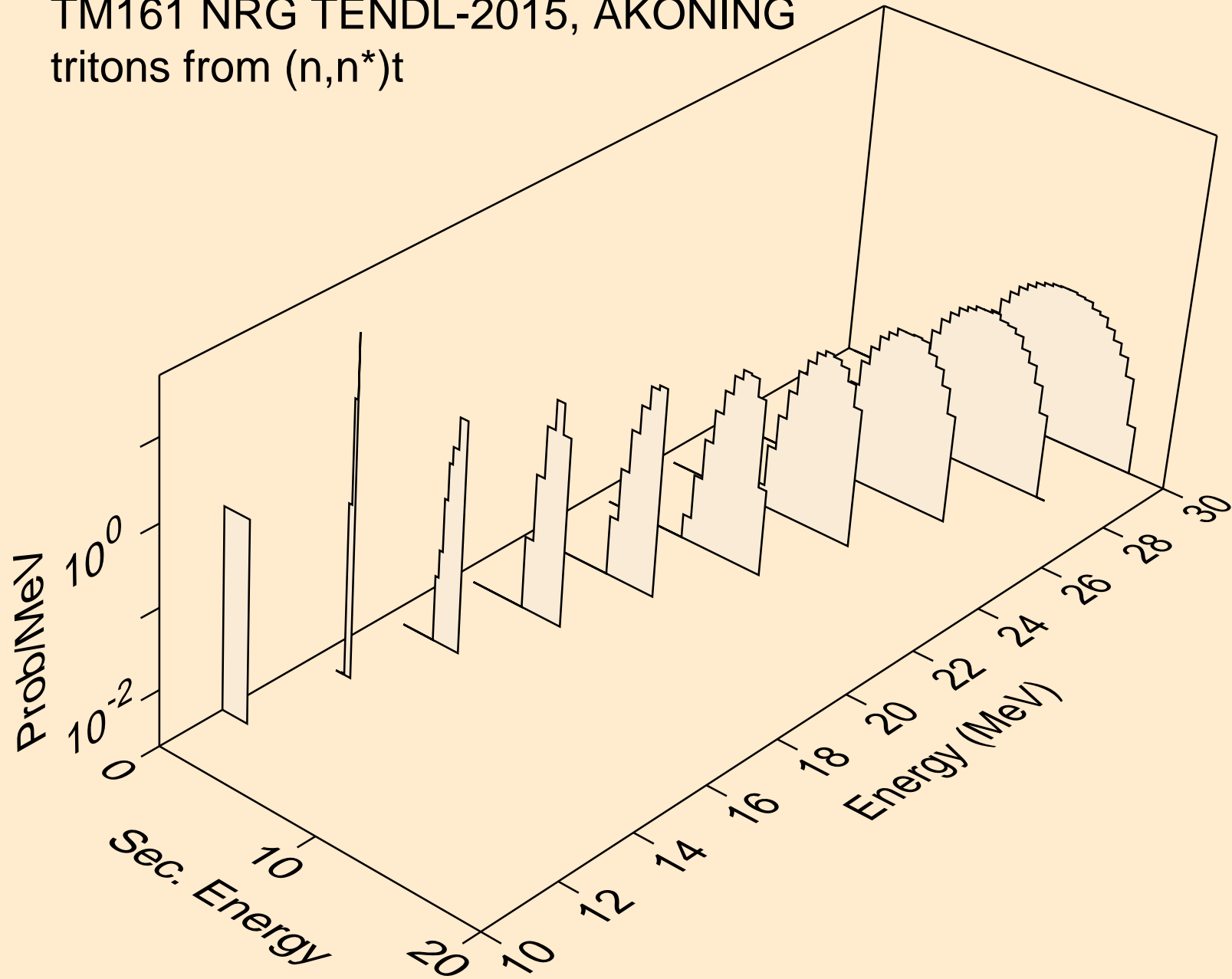
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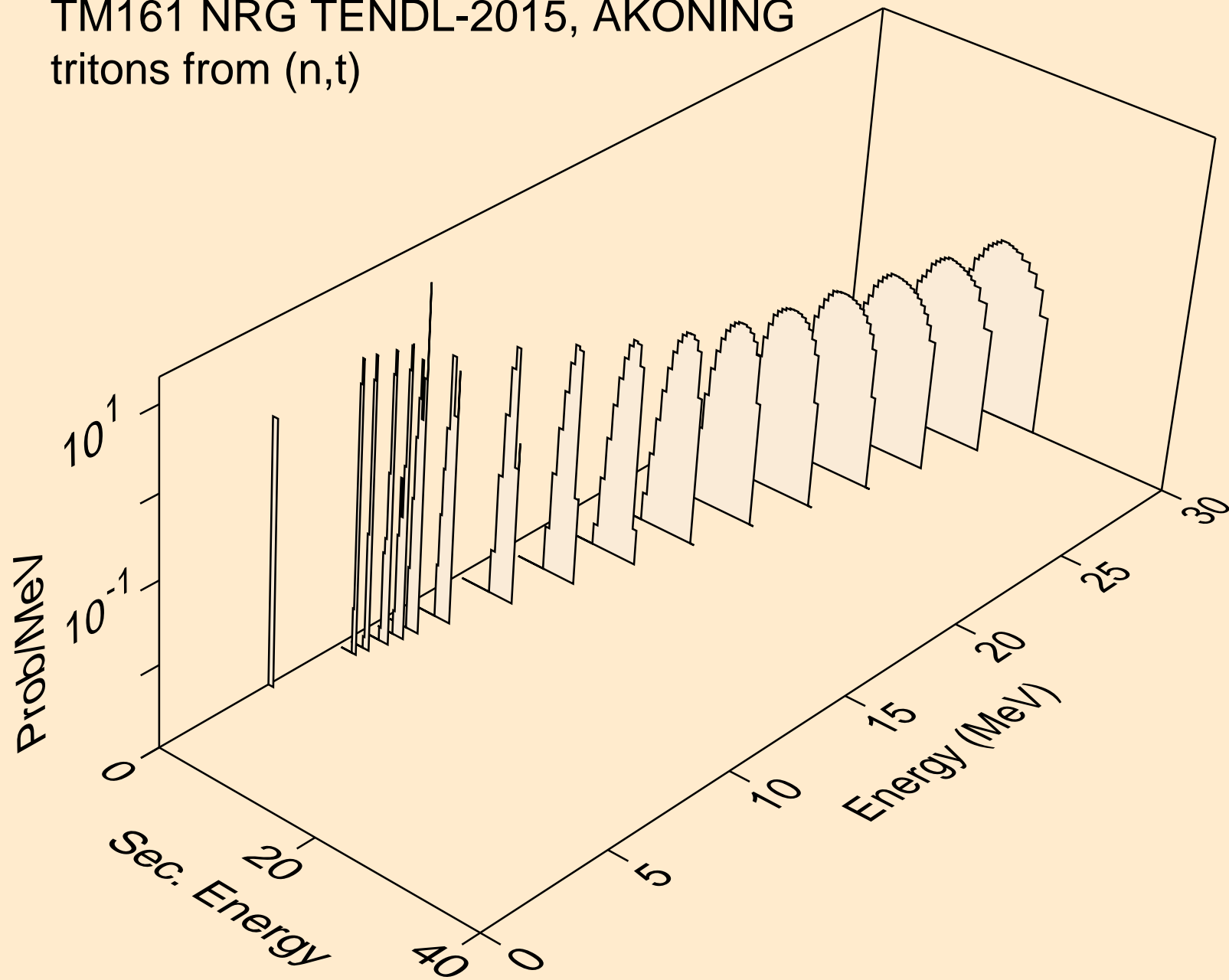
TM161 NRG TENDL-2015, AKONING  
tritons from (n,x)



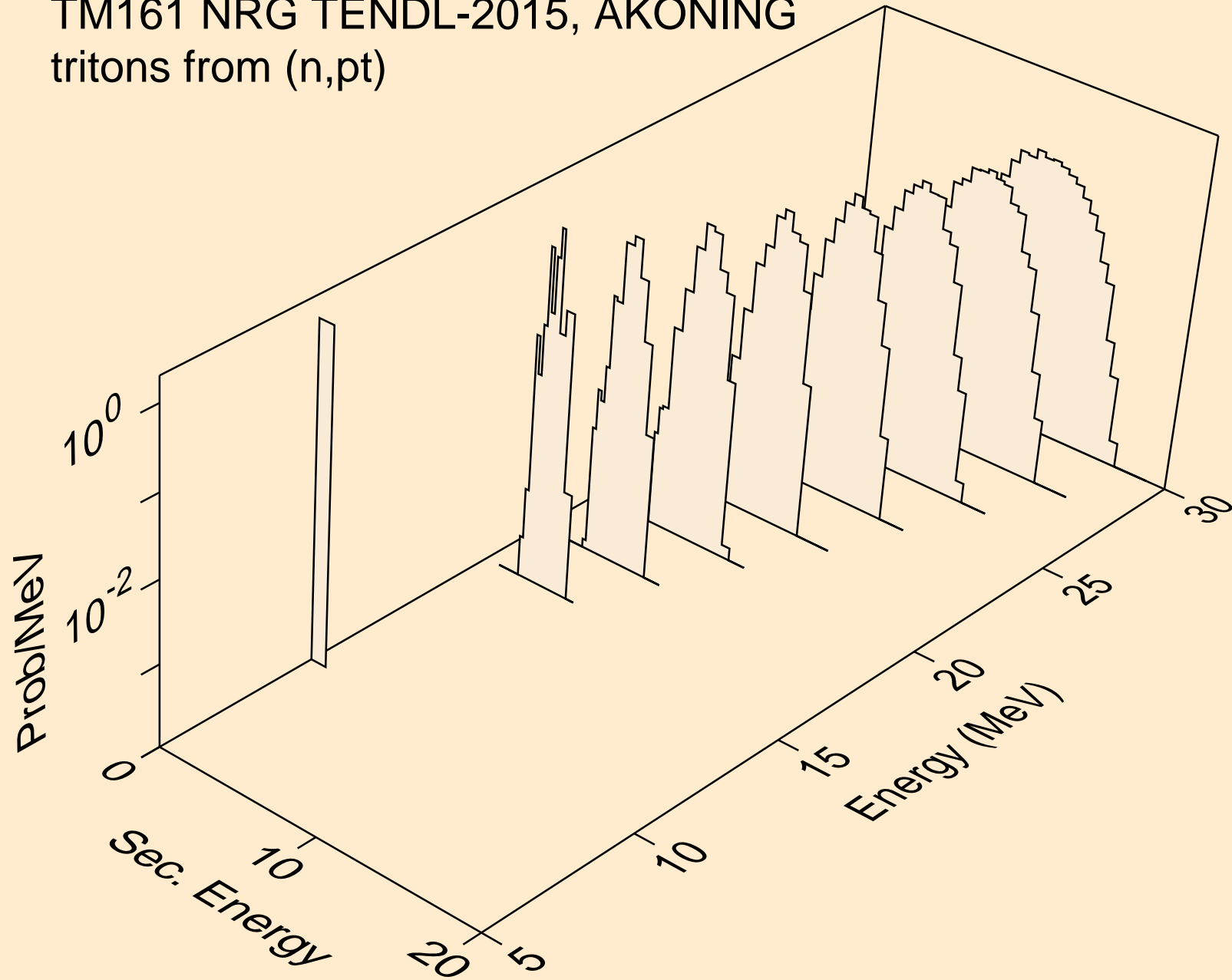
TM161 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



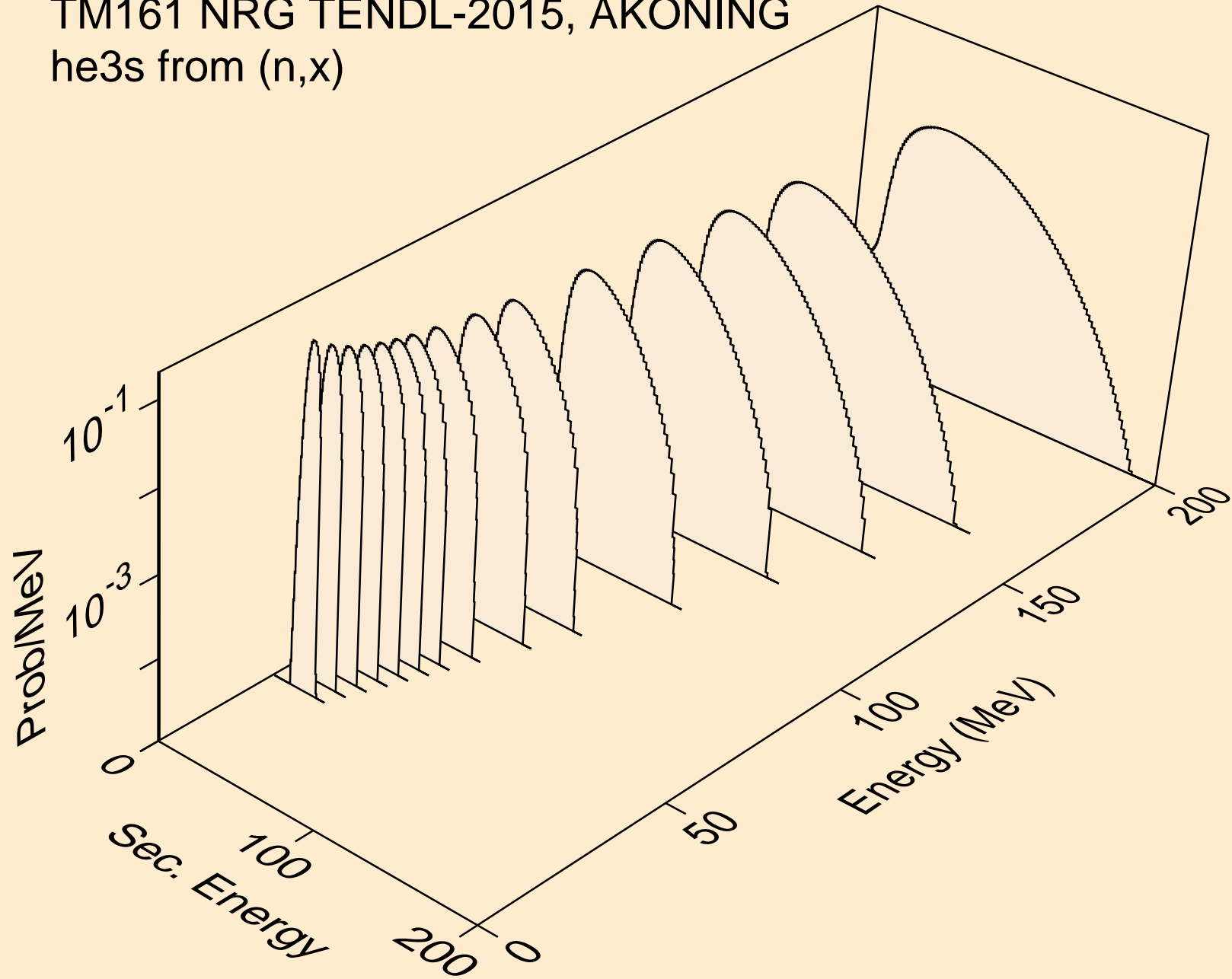
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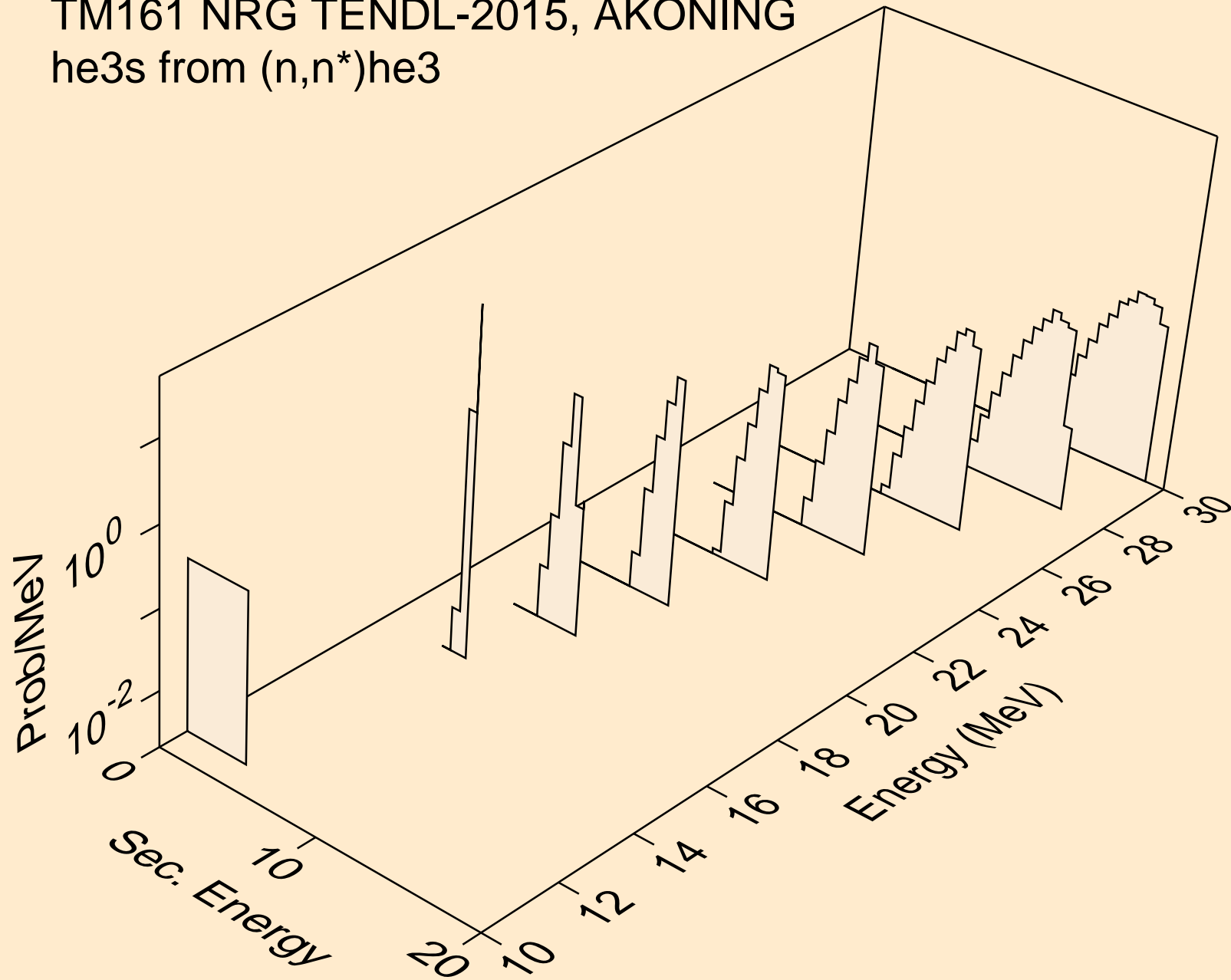
TM161 NRG TENDL-2015, AKONING  
tritons from (n,pt)



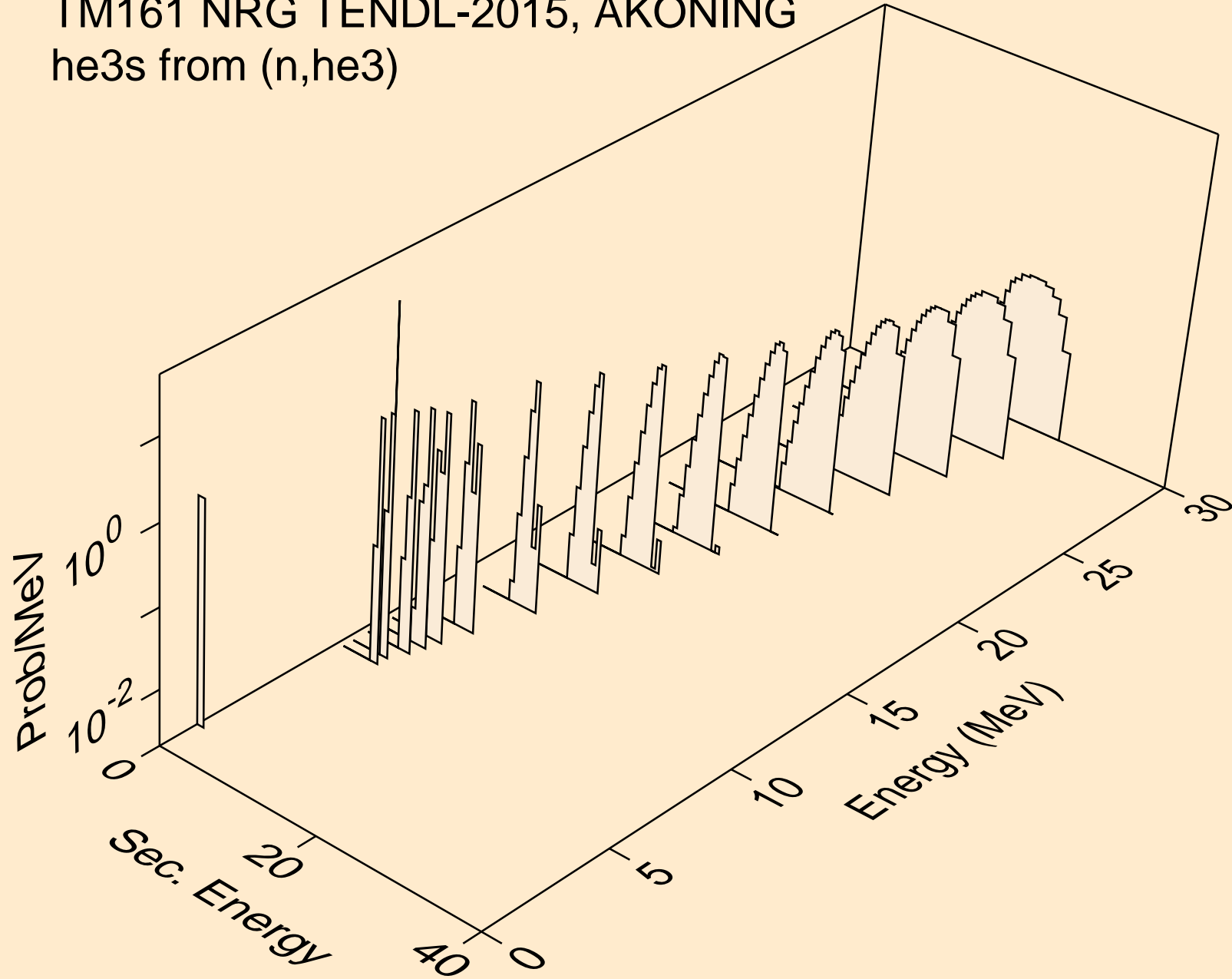
TM161 NRG TENDL-2015, AKONING  
he3s from (n,x)



TM161 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

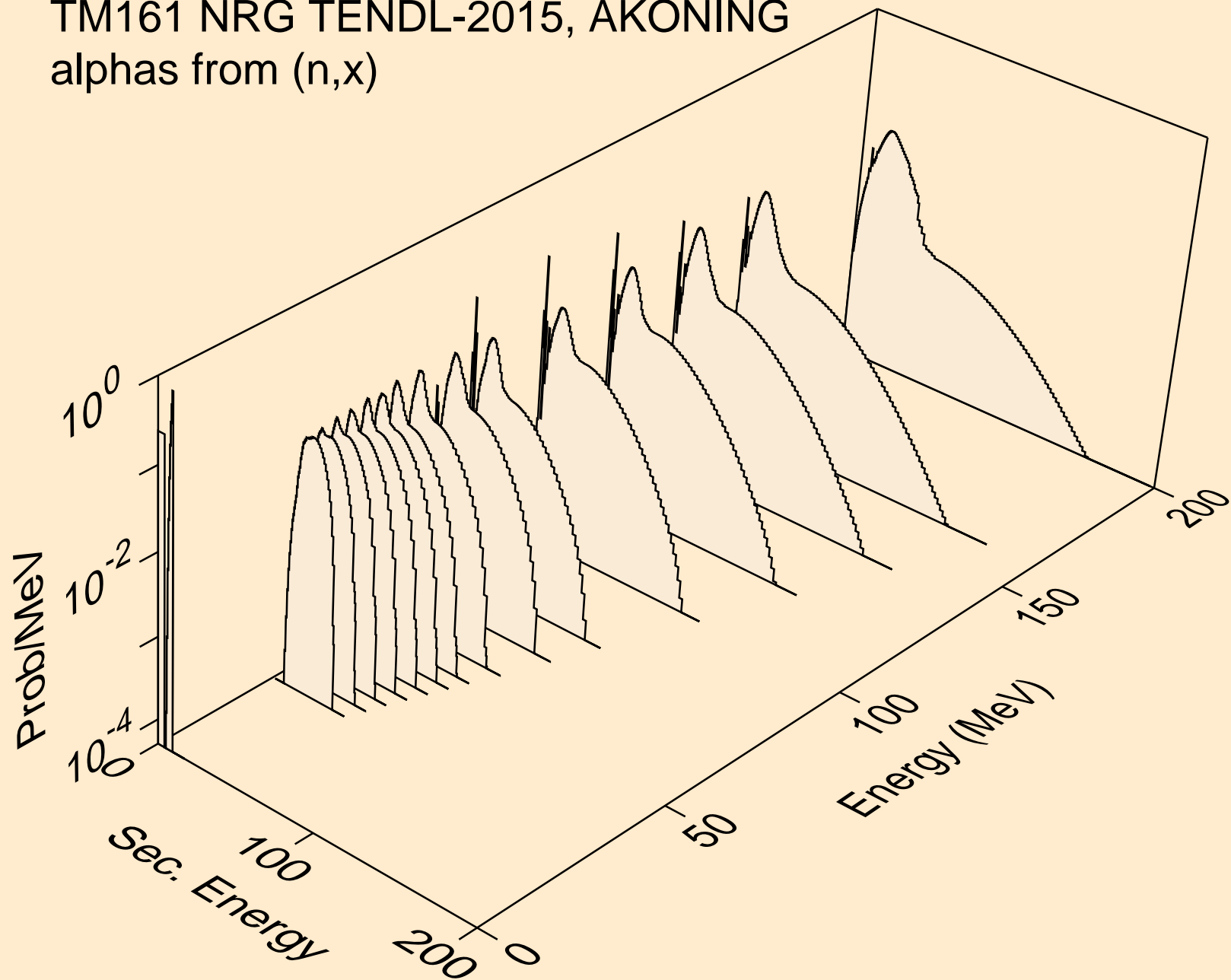


TM161 NRG TENDL-2015, AKONING  
he3s from (n,he3)

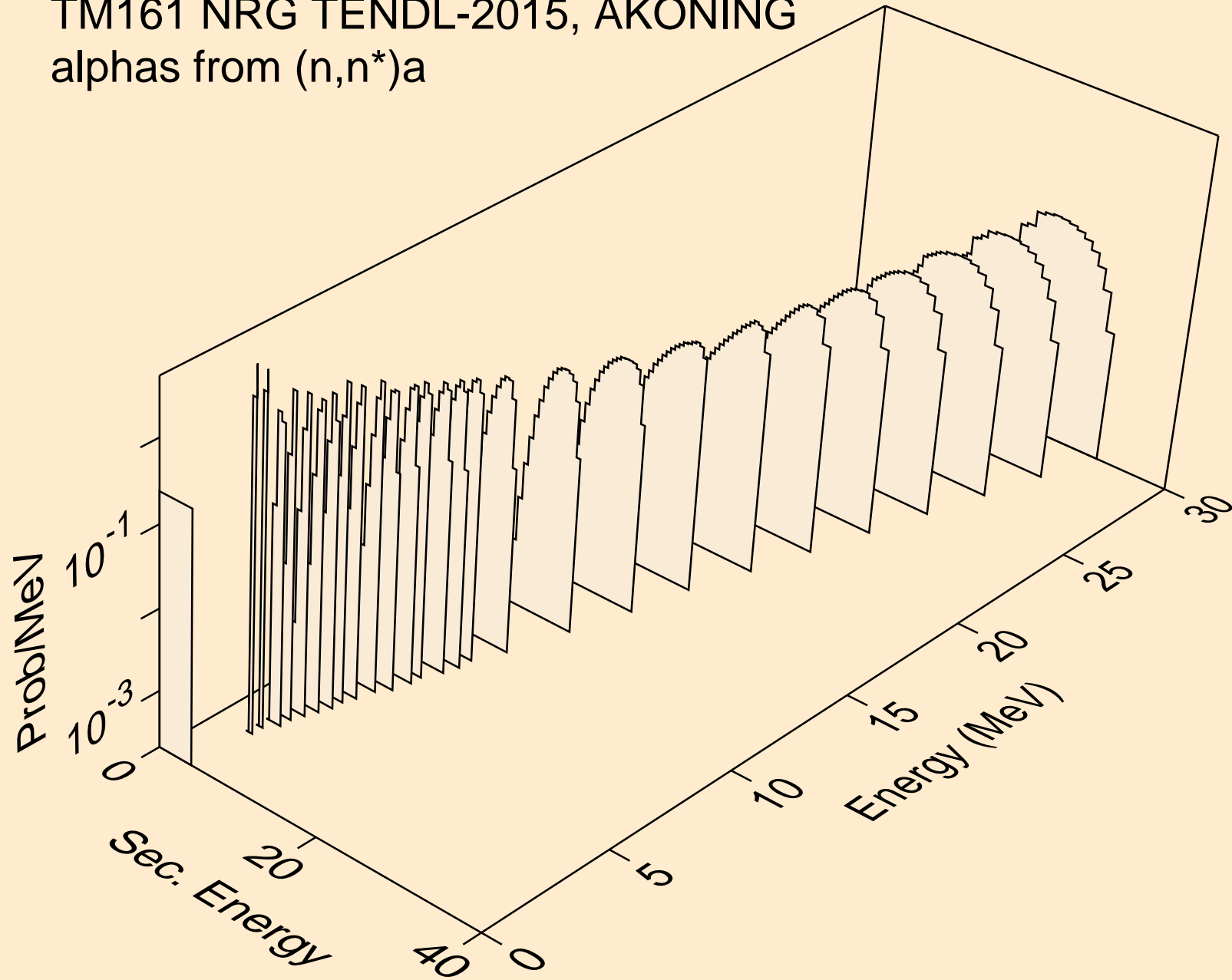




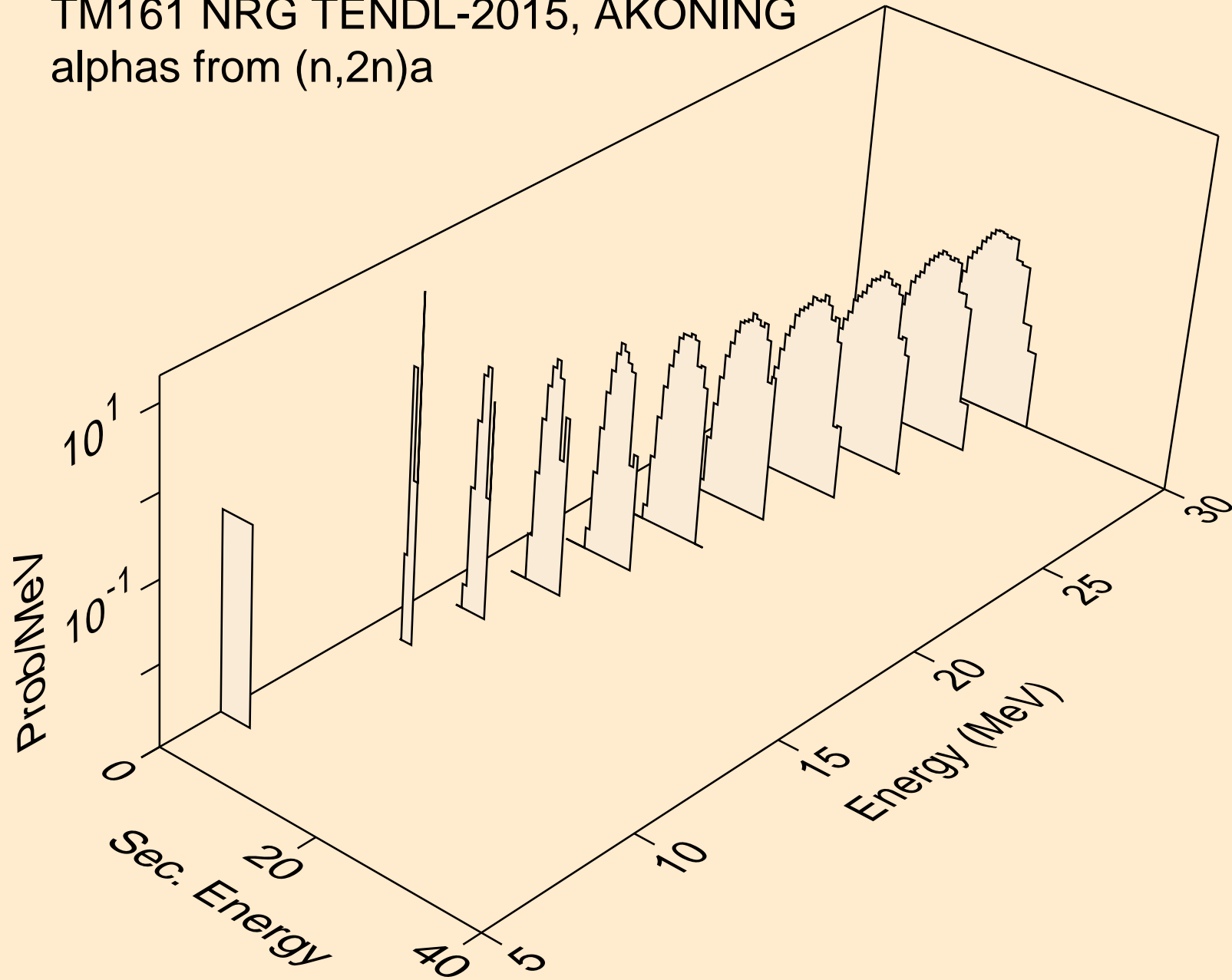
TM161 NRG TENDL-2015, AKONING  
alphas from (n,x)



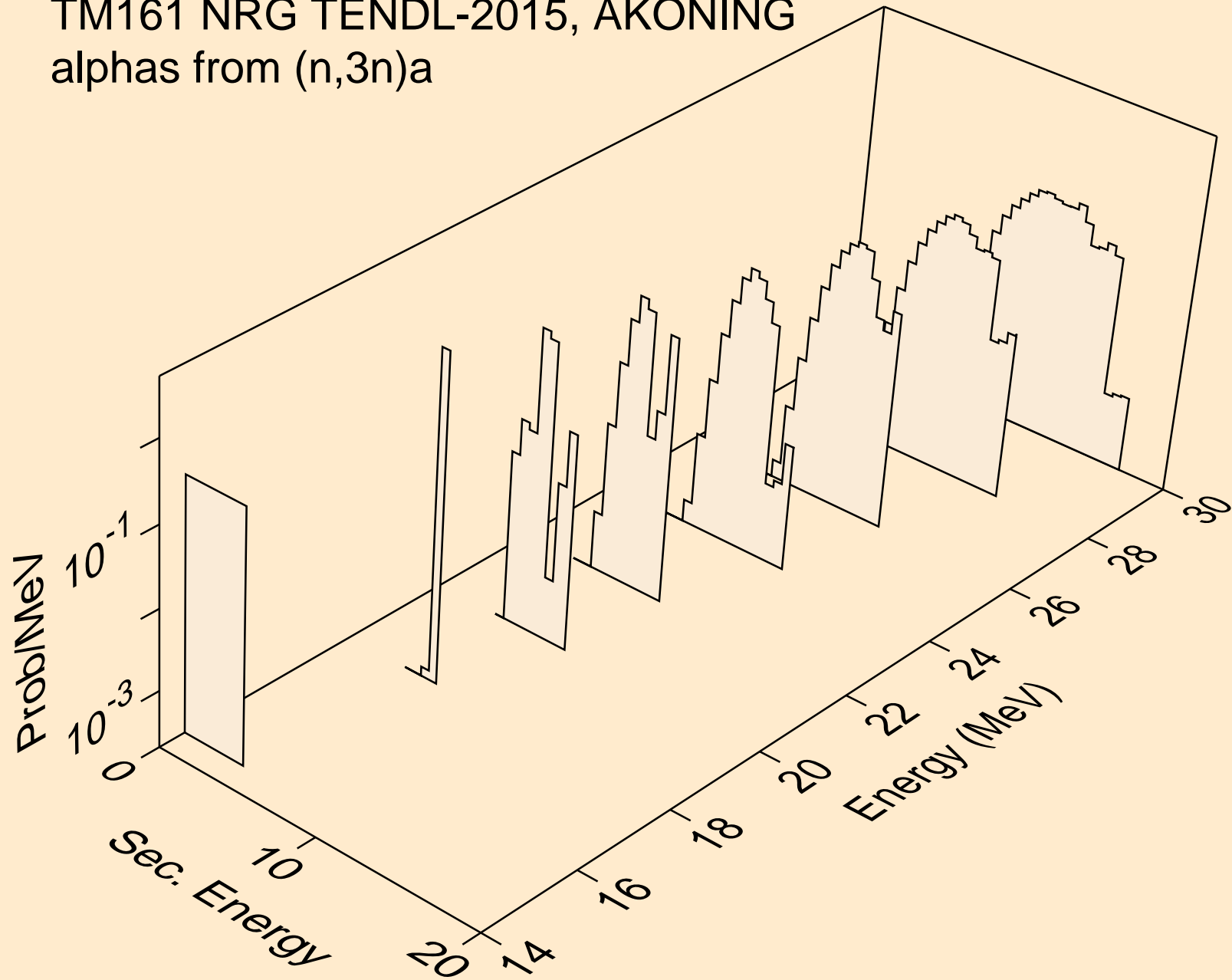
TM161 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



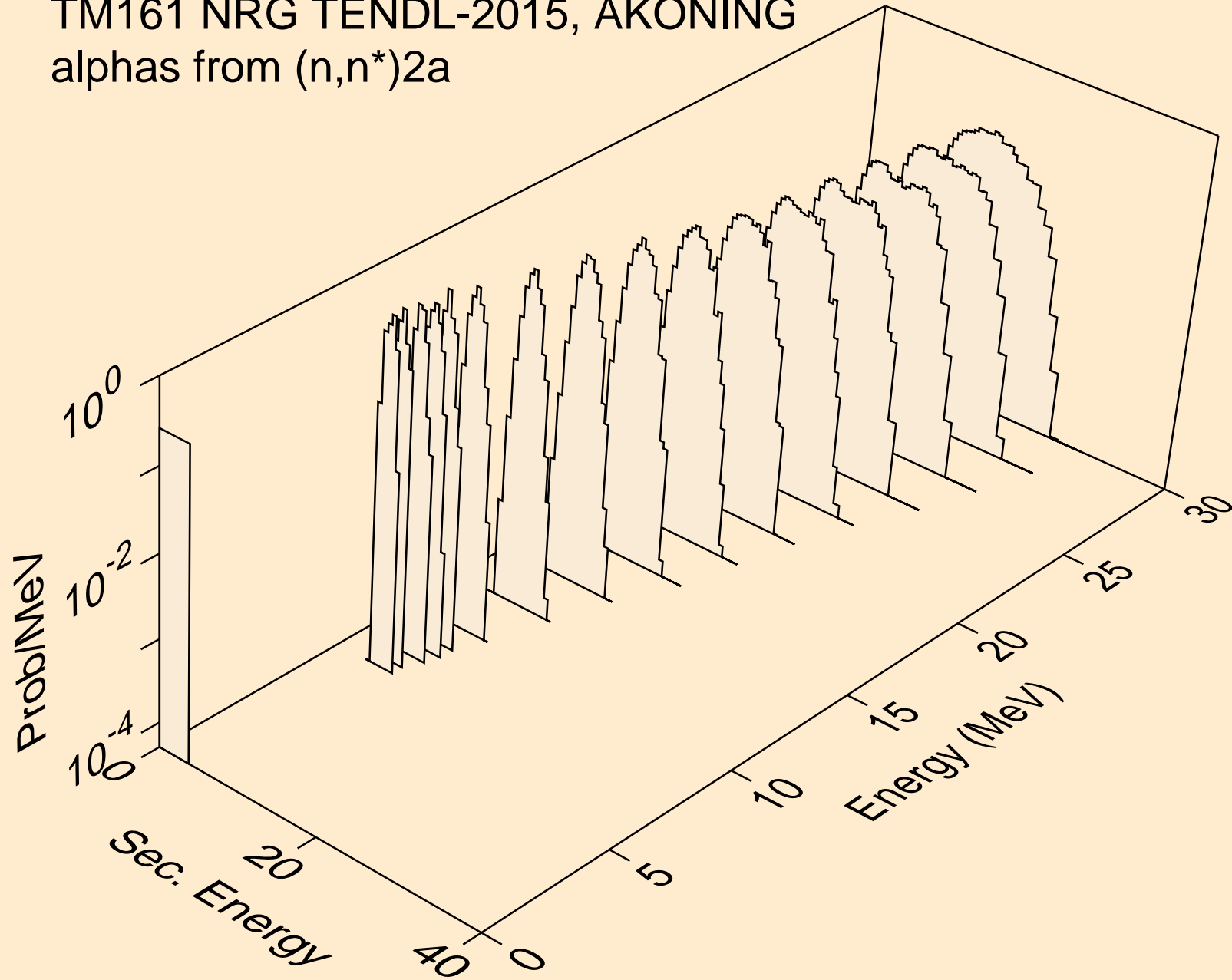
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alphas from (n,2n)a



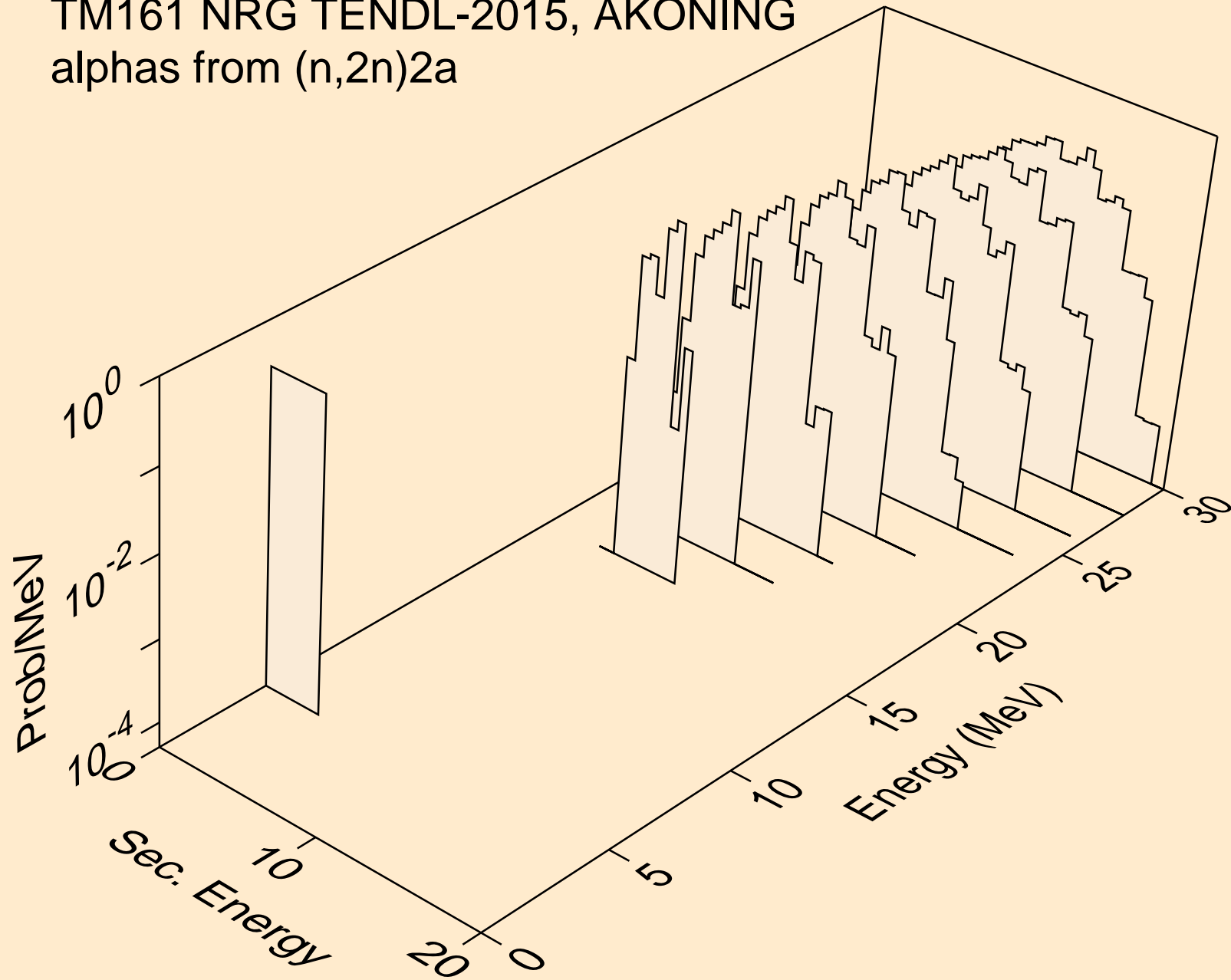
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alphas from (n,3n)a



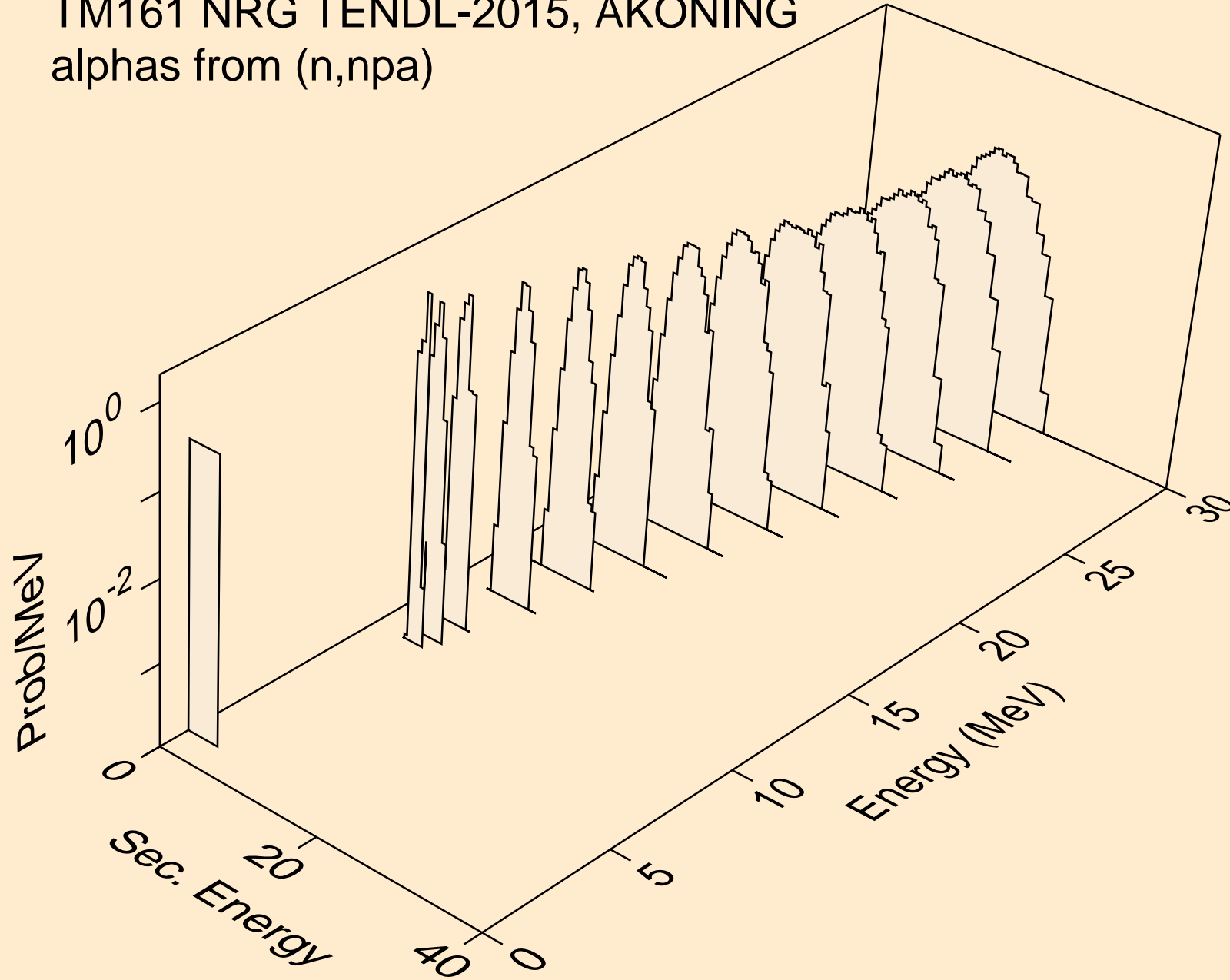
TM161 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



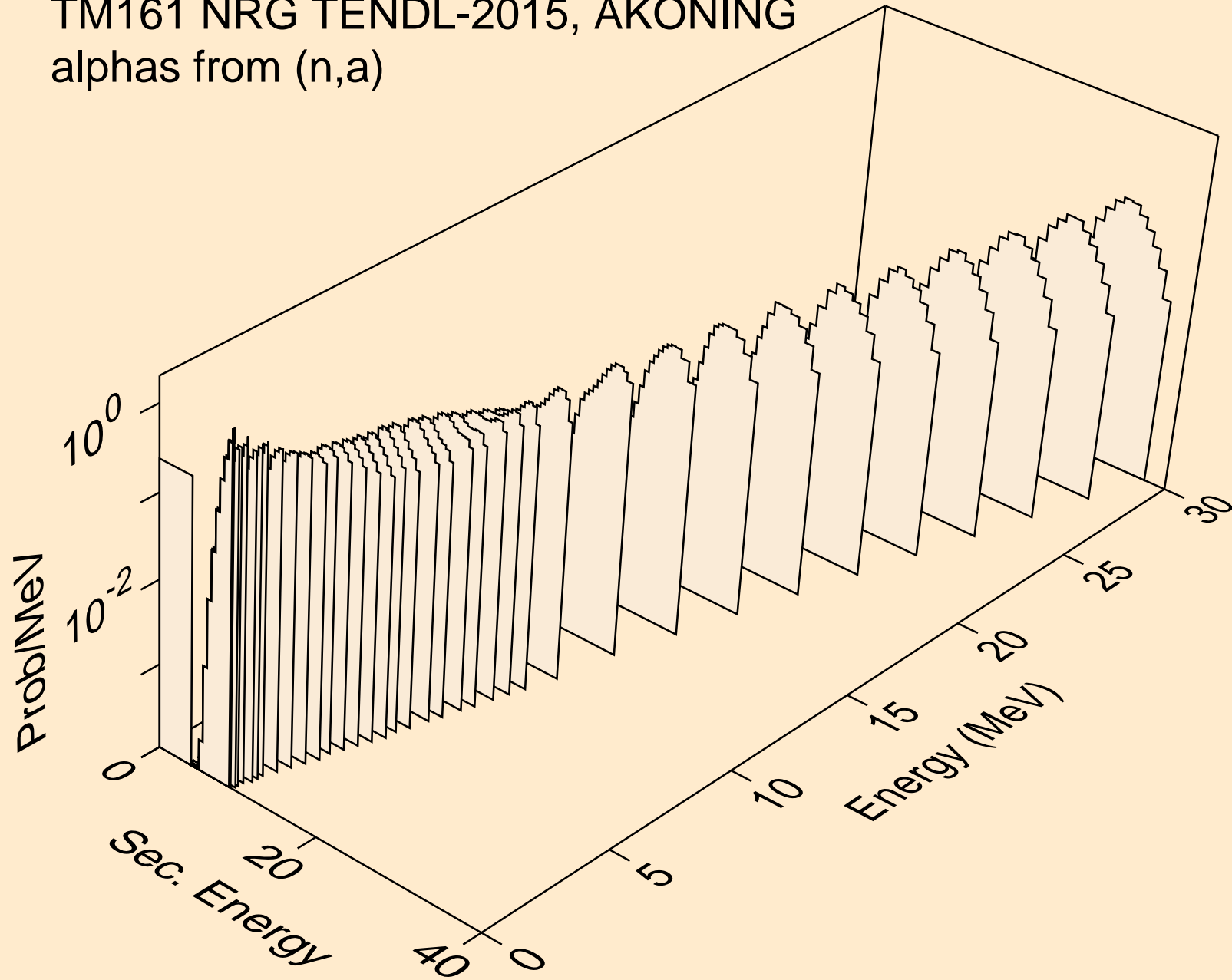
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alphas from (n,2n)2a



TM161 NRG TENDL-2015, AKONING  
alphas from (n,npa)

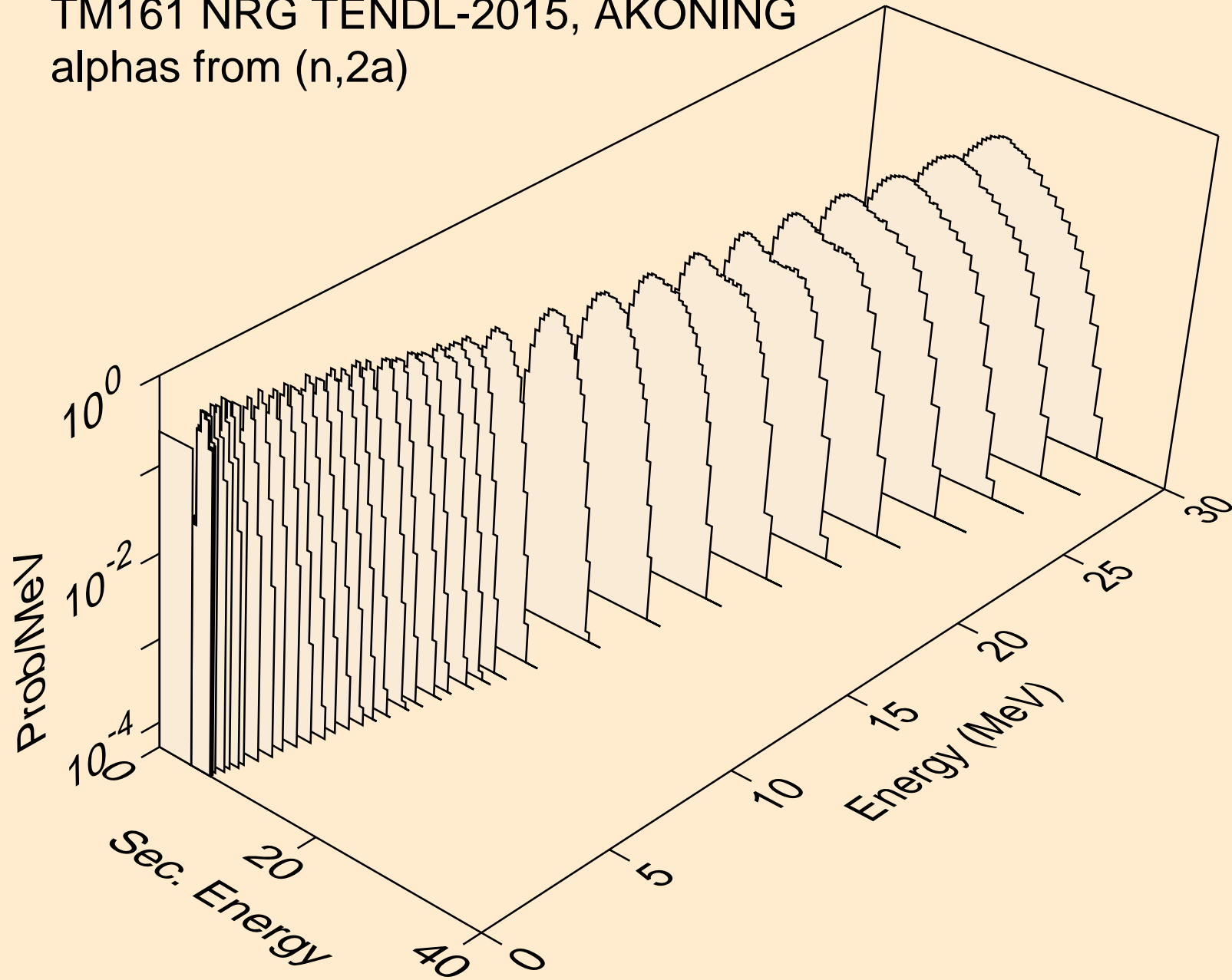


TM161 NRG TENDL-2015, AKONING  
alphas from (n,a)

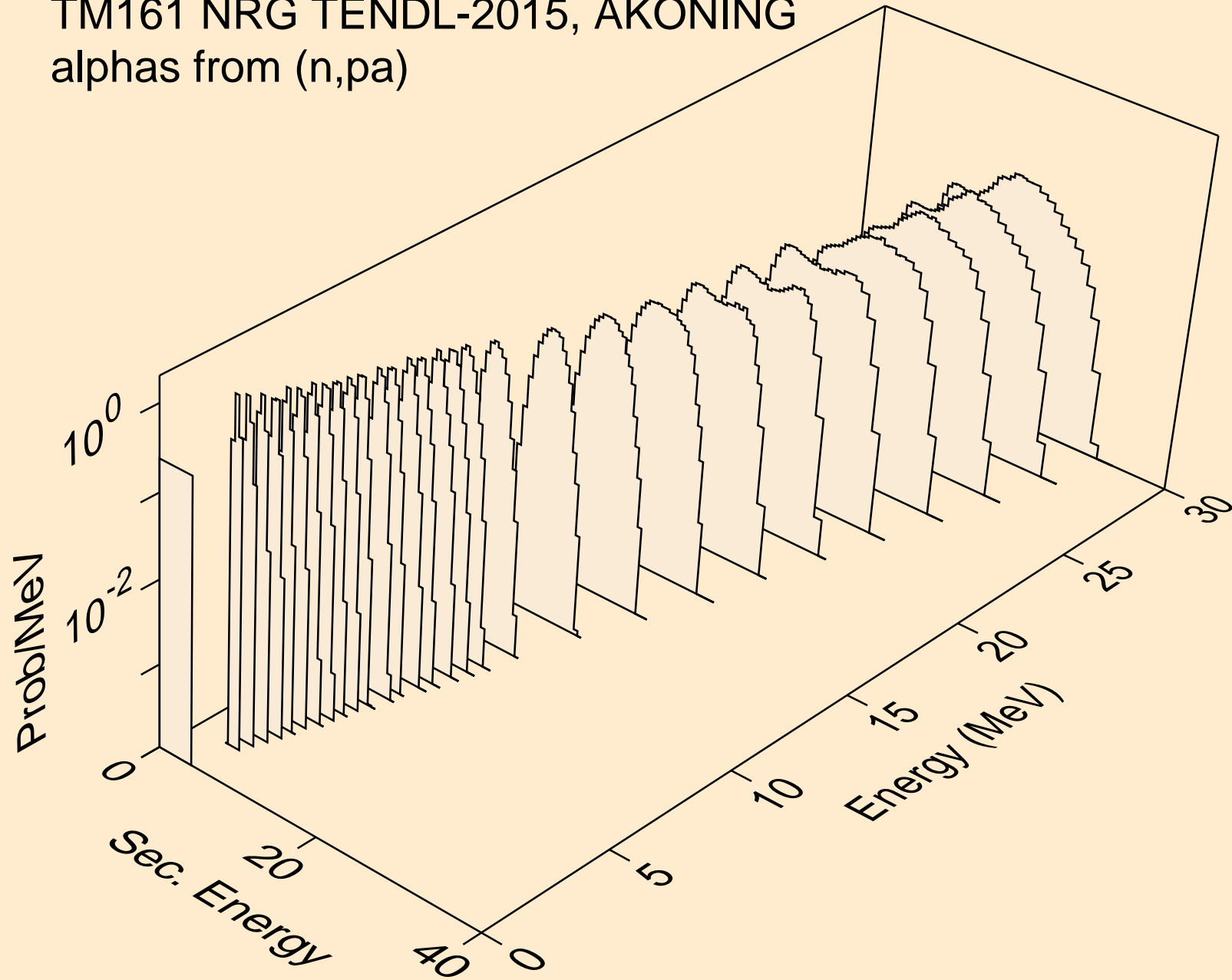




TM161 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TM161 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TM161 NRG TENDL-2015, AKONING  
alphas from (n,da)

