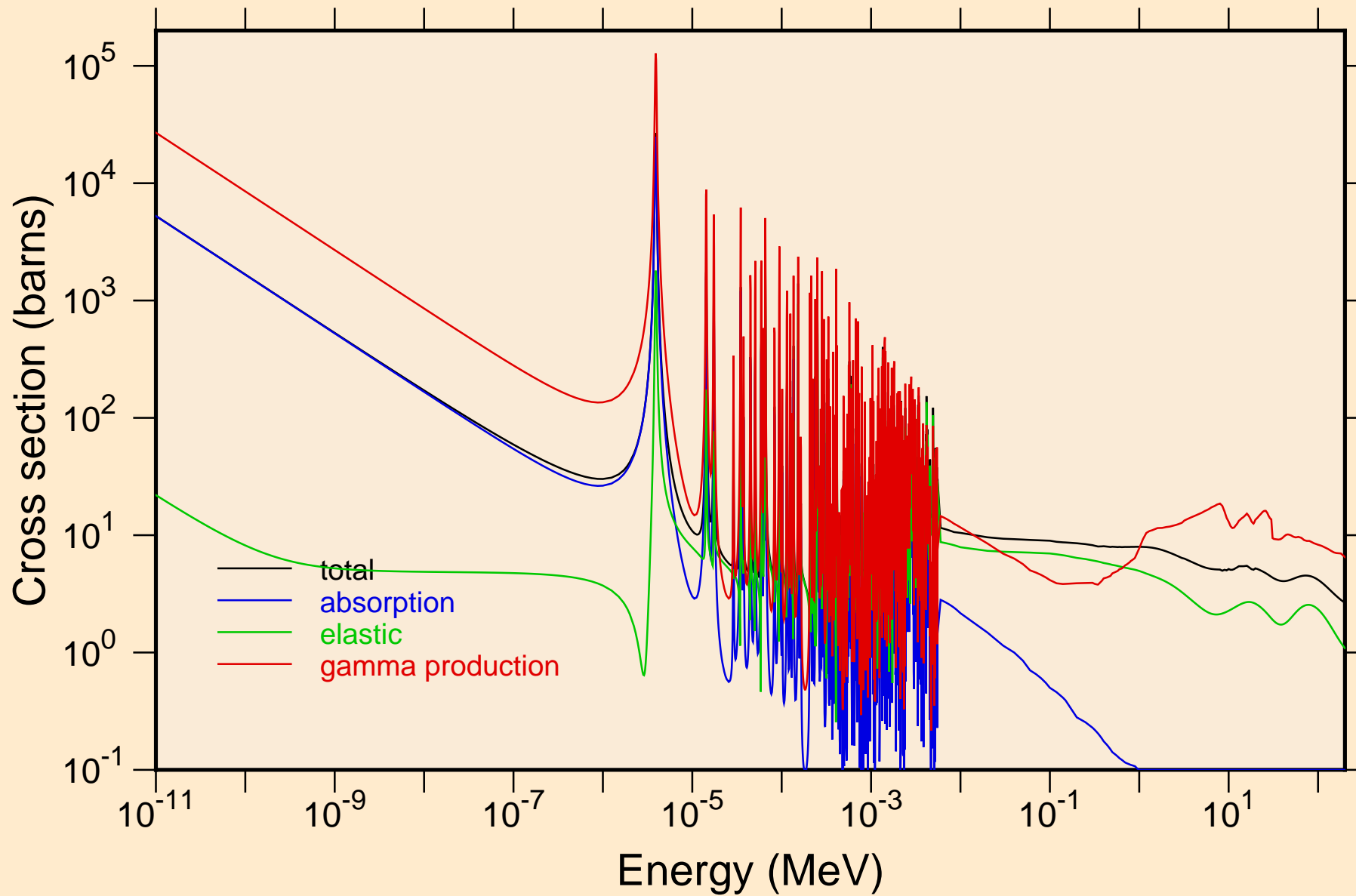
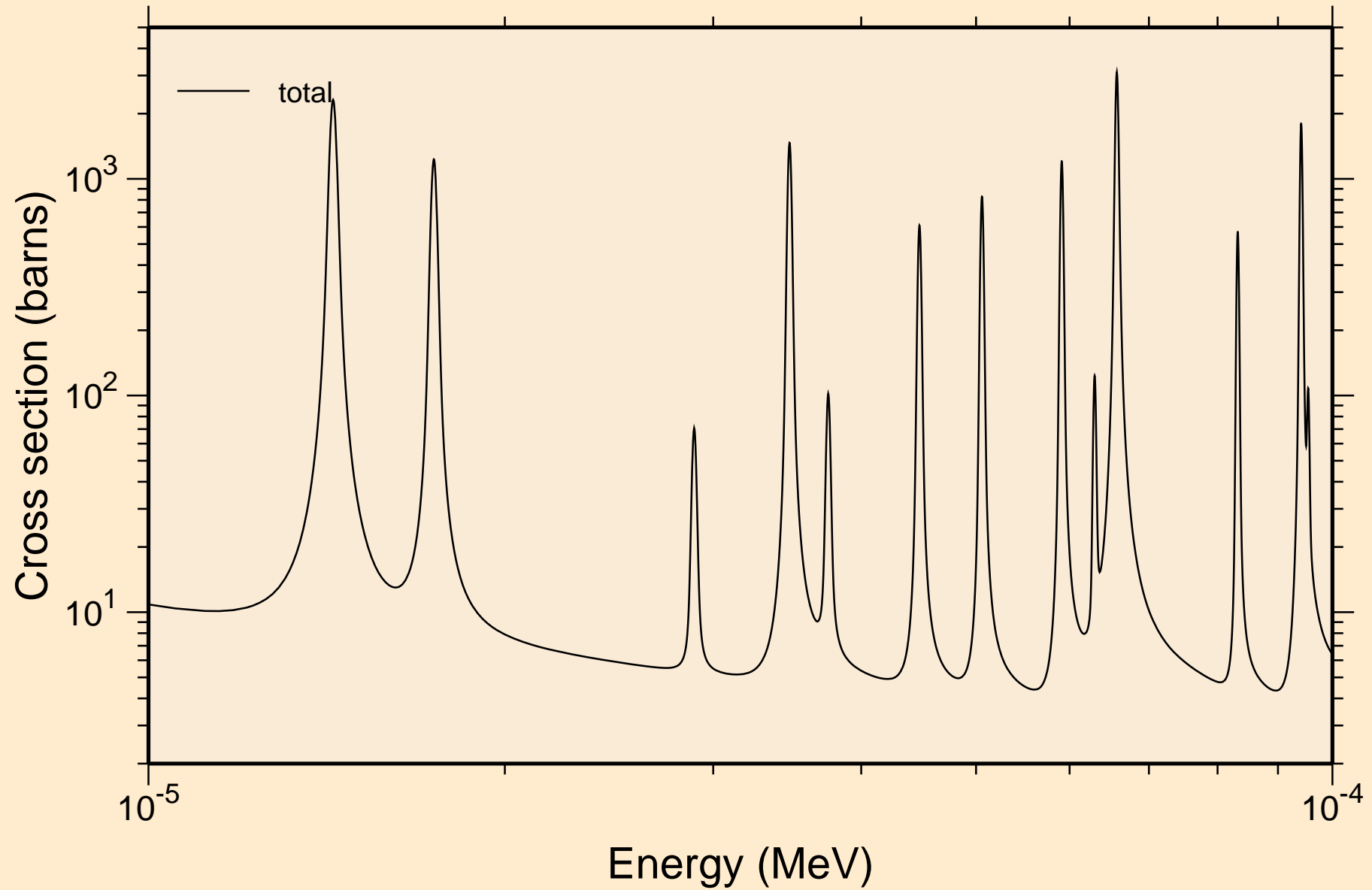


# TM169 NRG TENDL-2015, AKONING

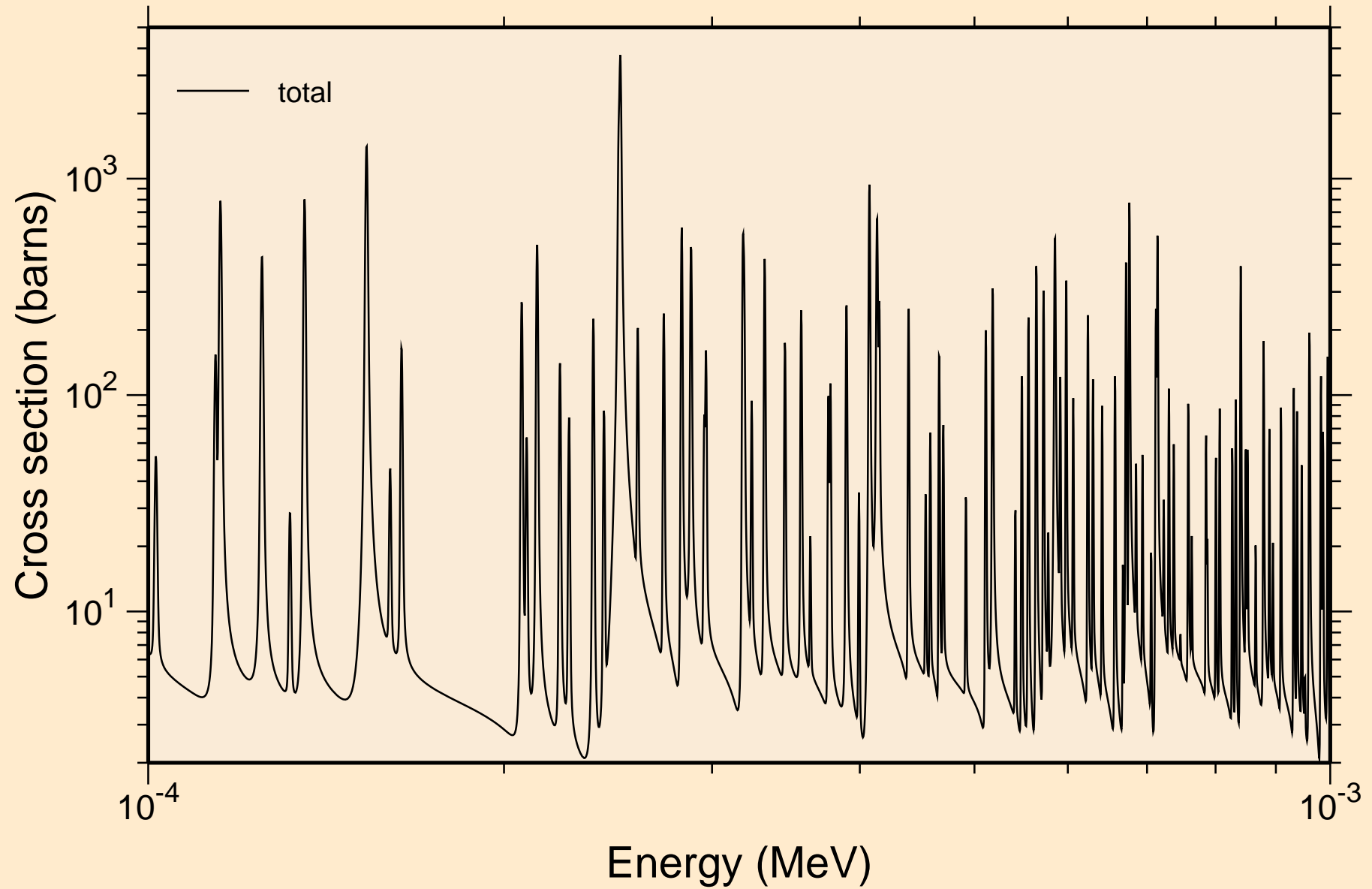
## Principal cross sections



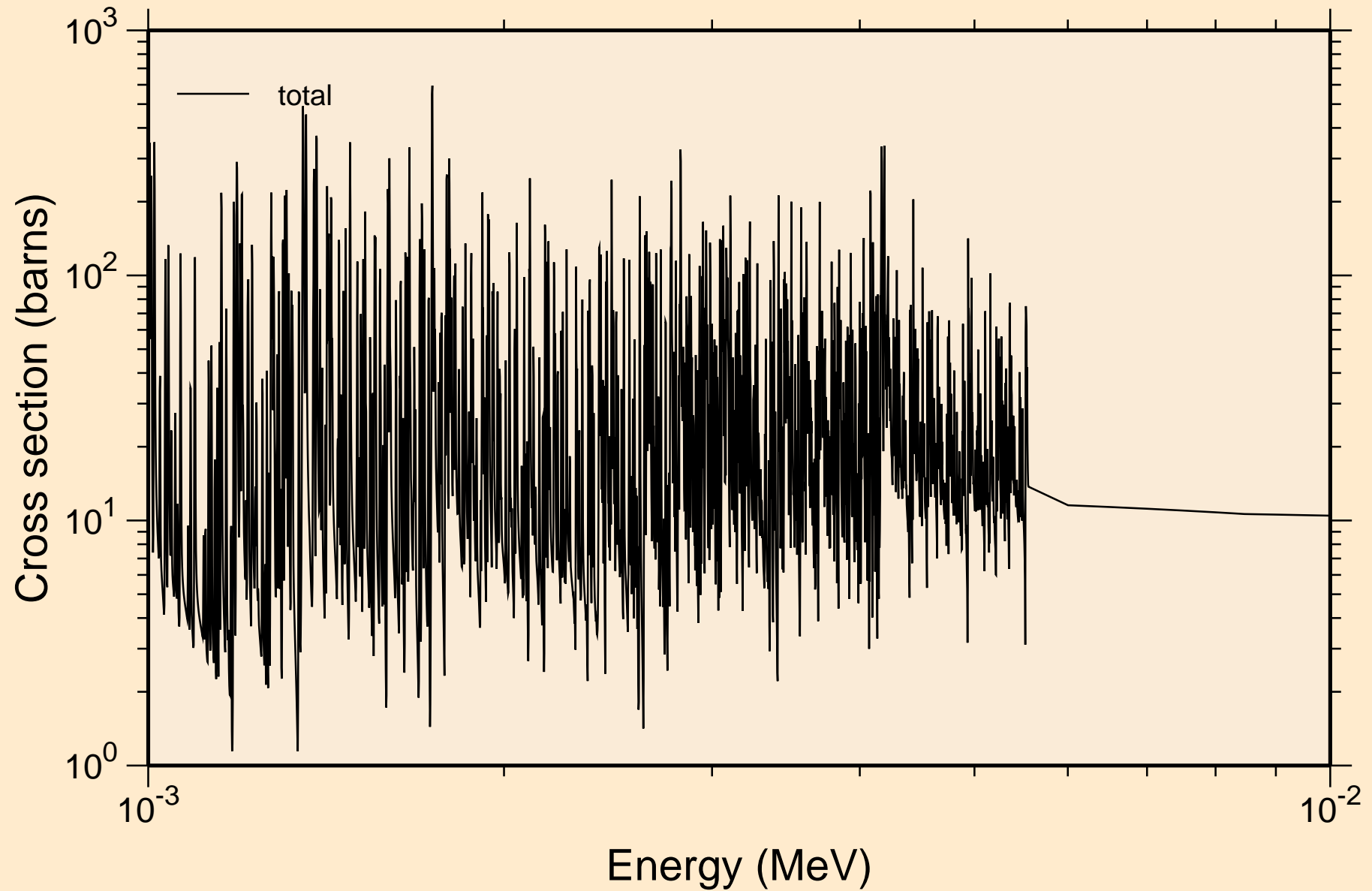
TM169 NRG TENDL-2015, AKONING  
resonance total cross section



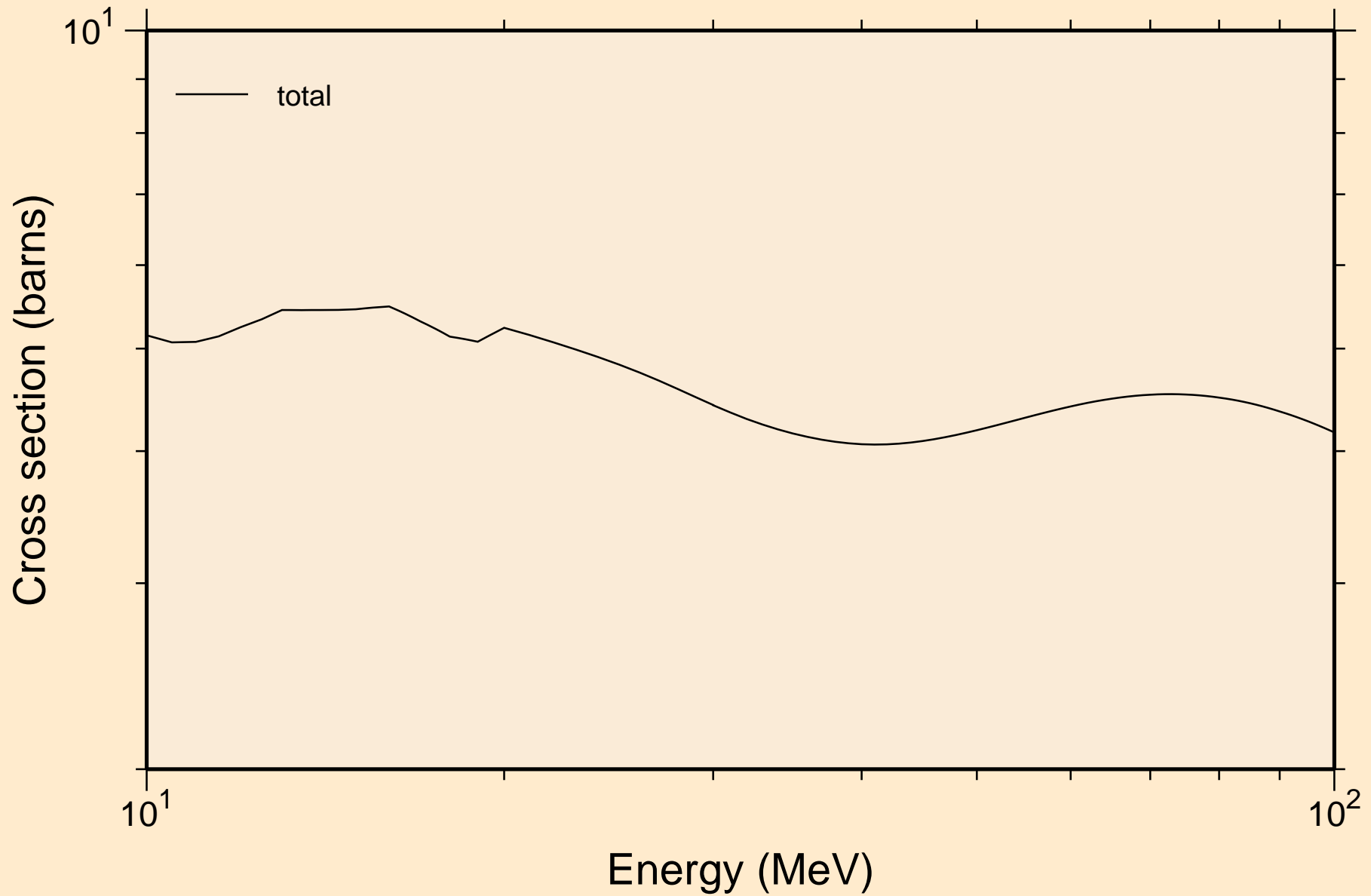
TM169 NRG TENDL-2015, AKONING  
resonance total cross section



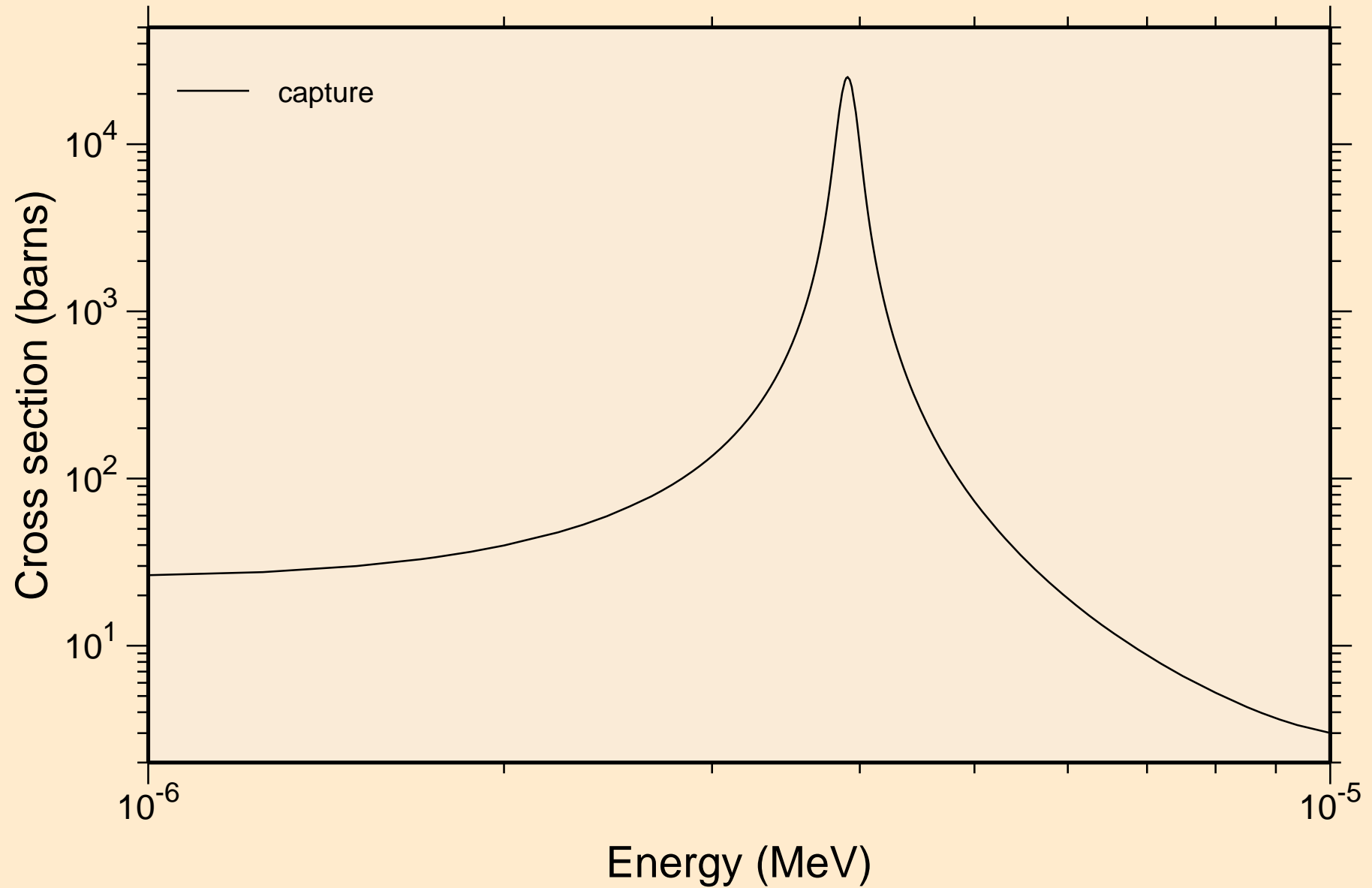
TM169 NRG TENDL-2015, AKONING  
resonance total cross section



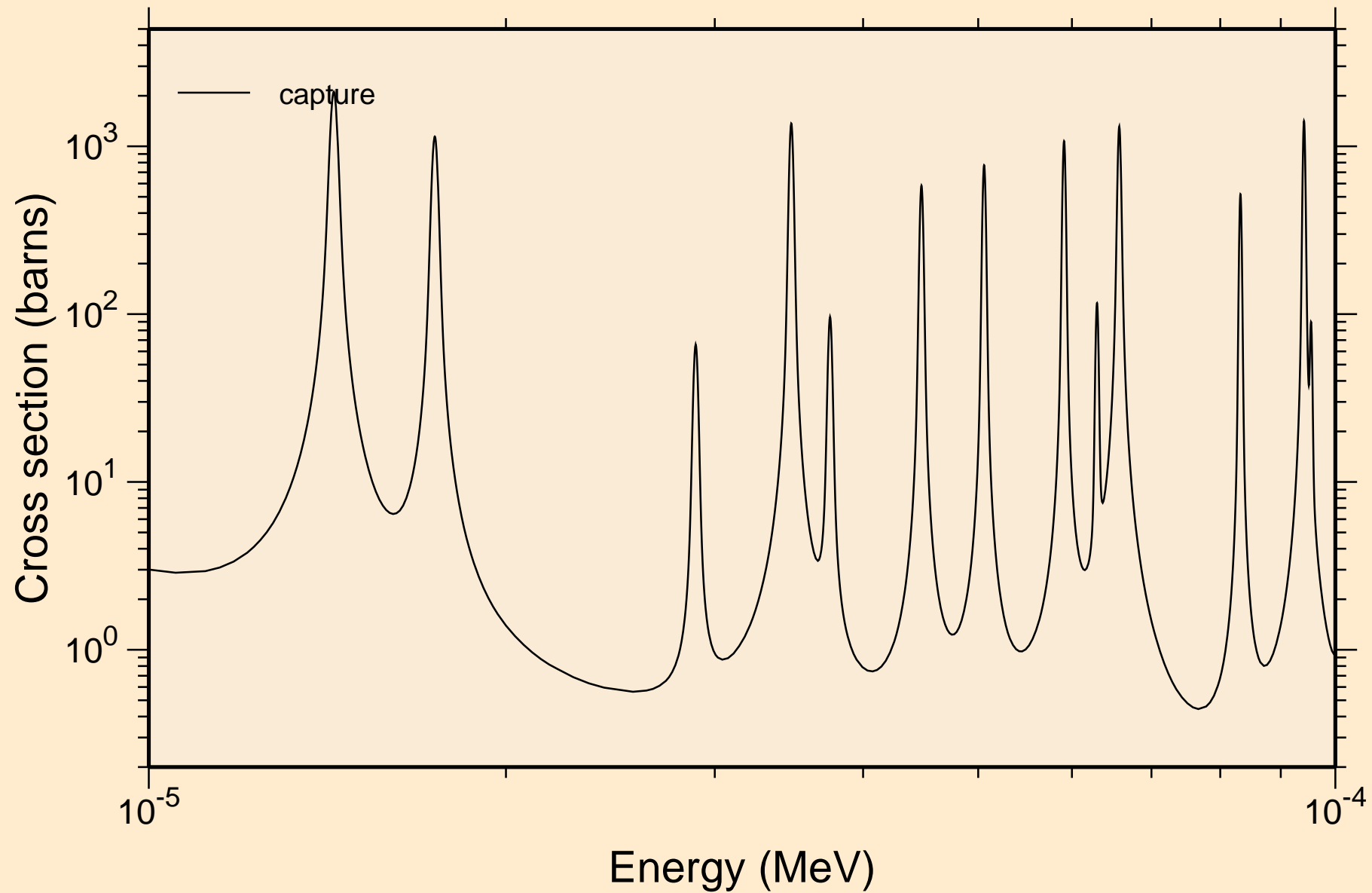
TM169 NRG TENDL-2015, AKONING  
resonance total cross section



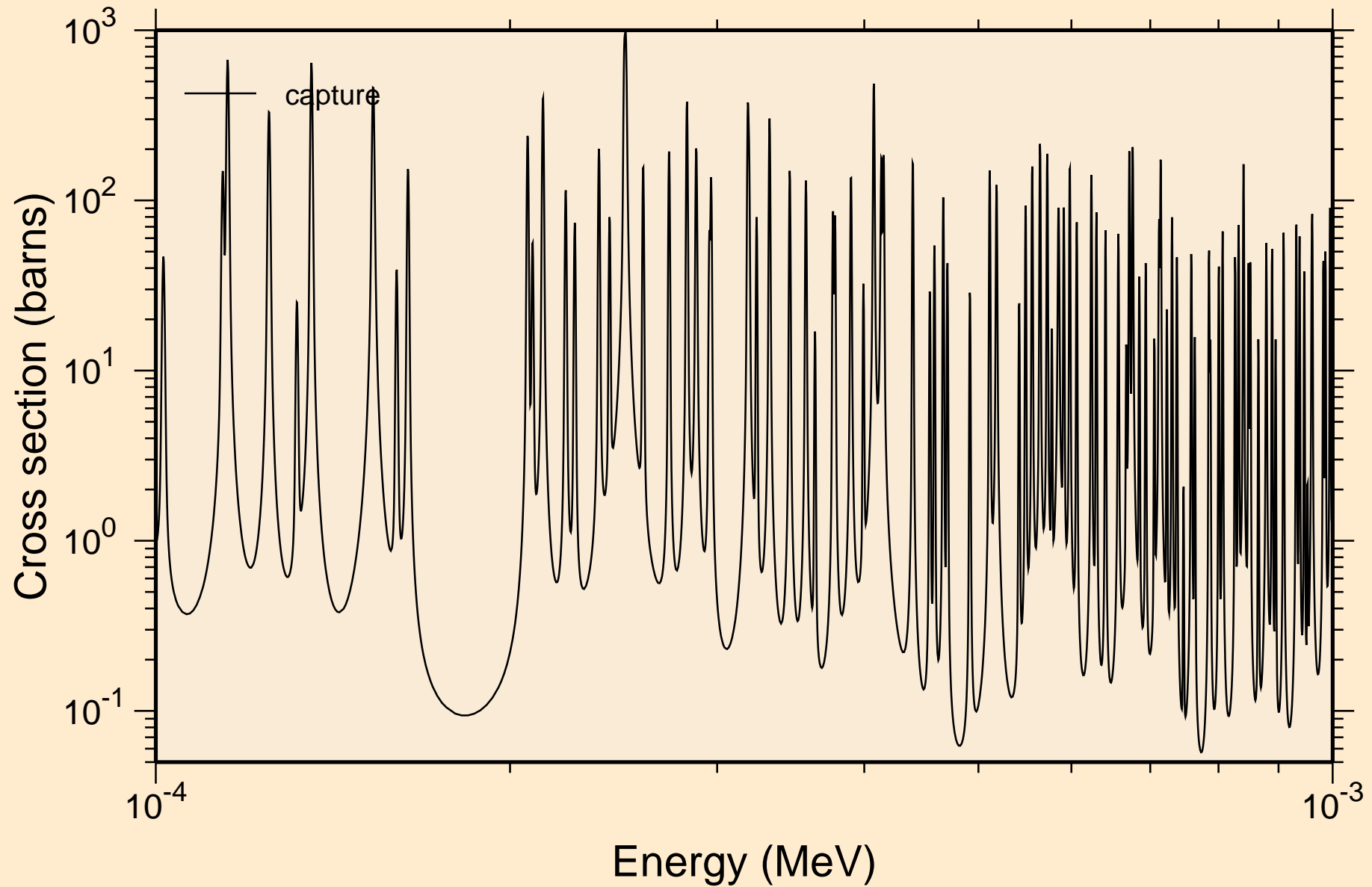
TM169 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TM169 NRG TENDL-2015, AKONING  
resonance absorption cross sections

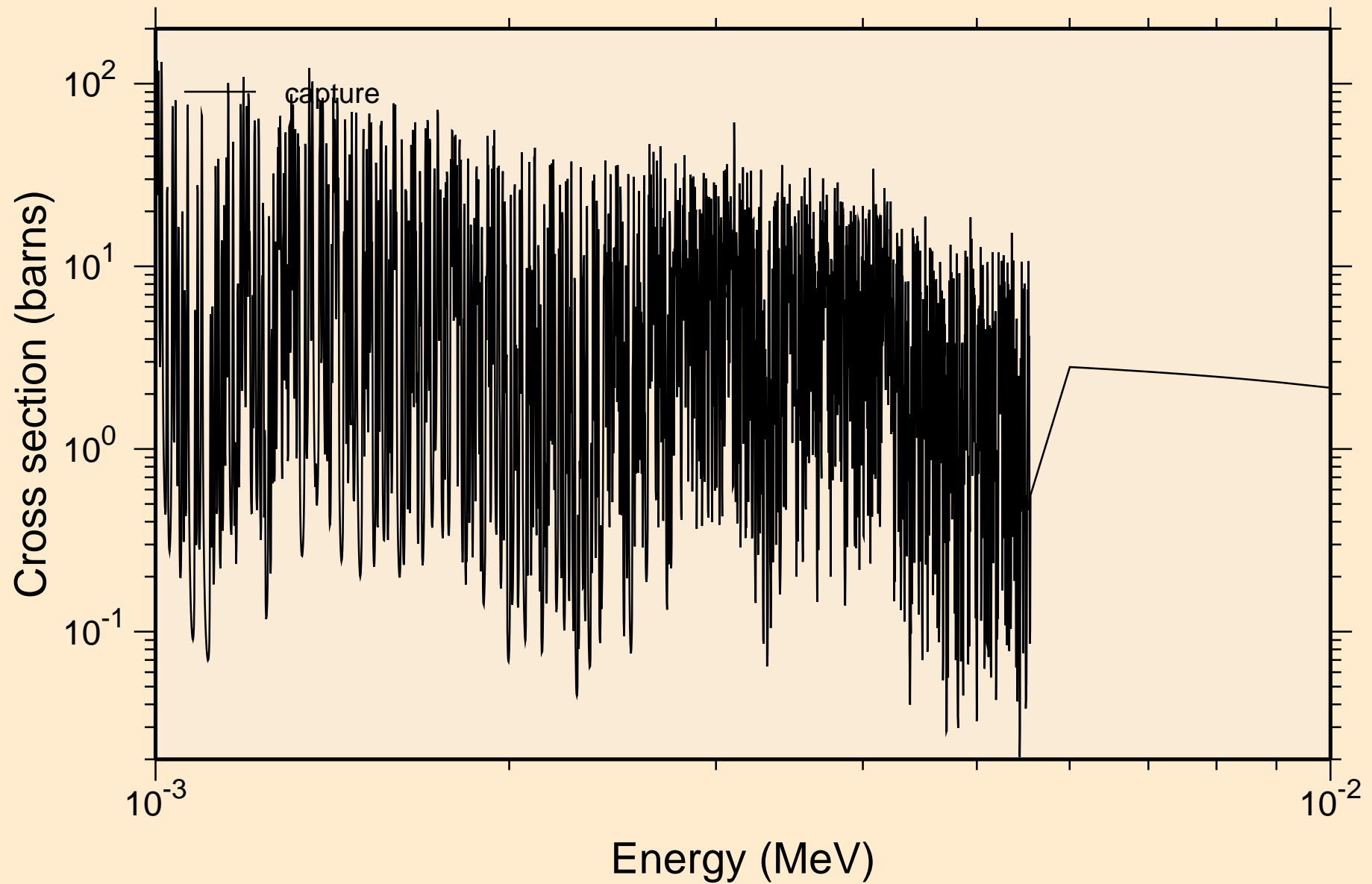


TM169 NRG TENDL-2015, AKONING  
resonance absorption cross sections

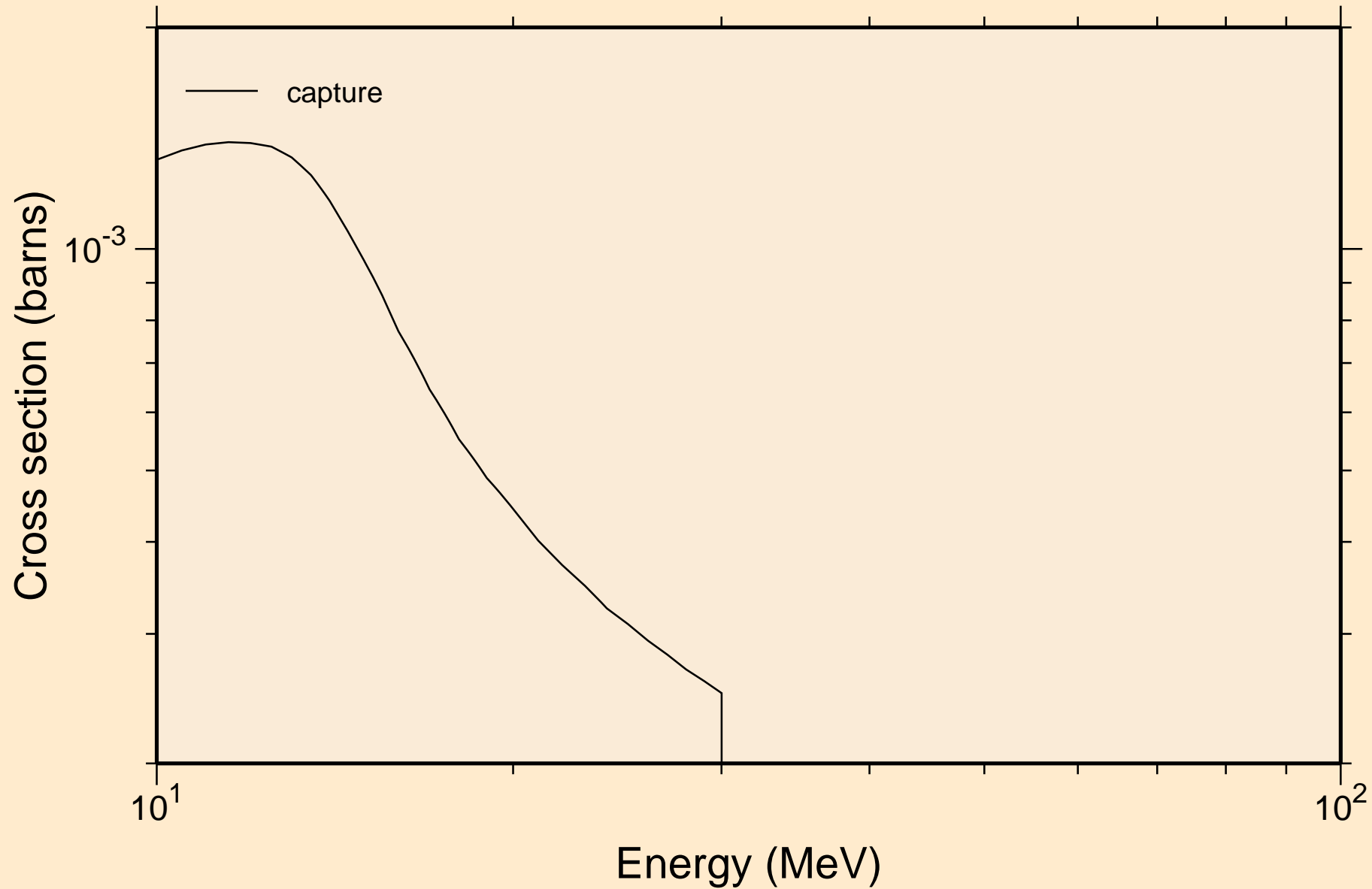




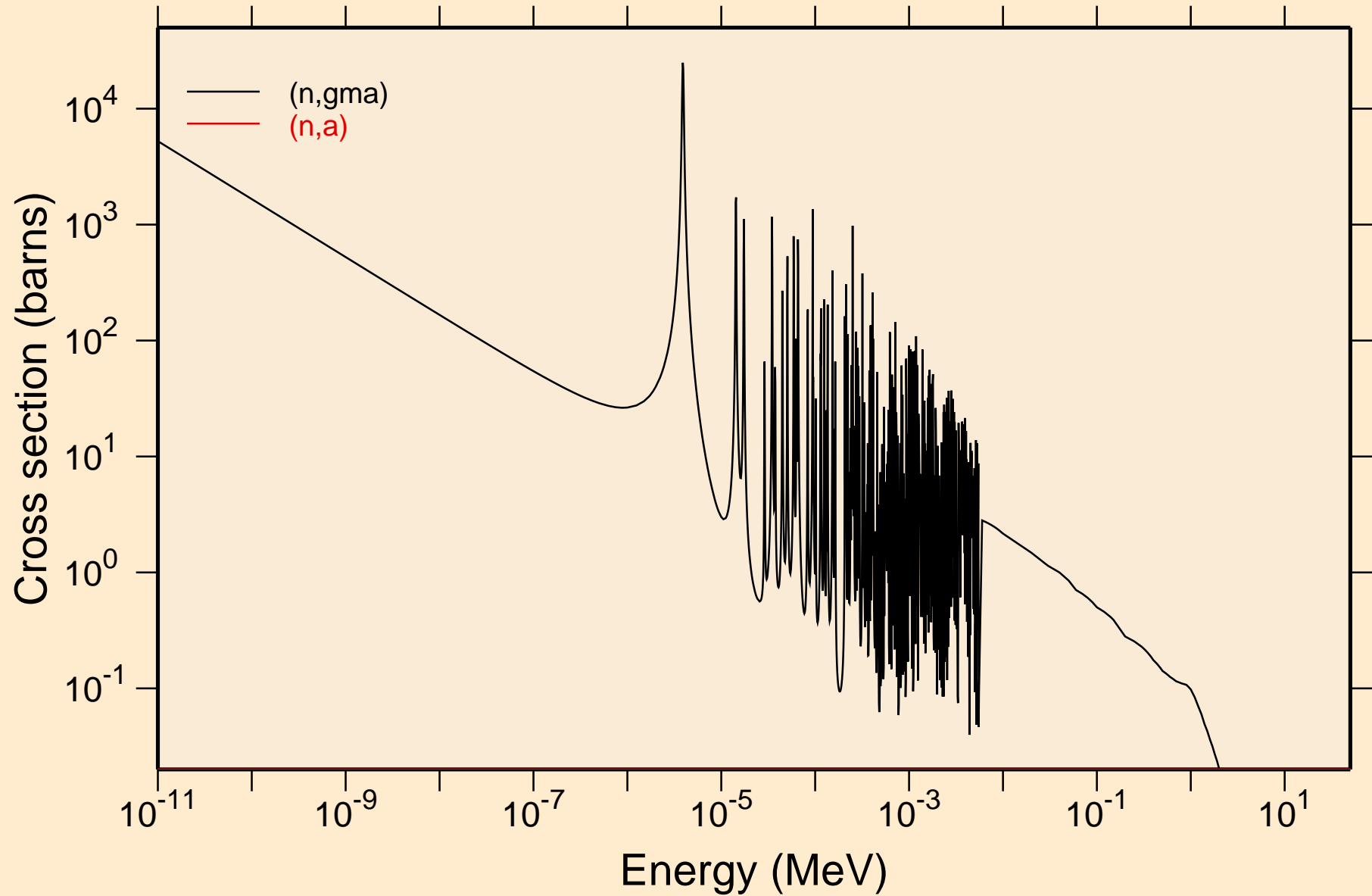
TM169 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TM169 NRG TENDL-2015, AKONING  
resonance absorption cross sections

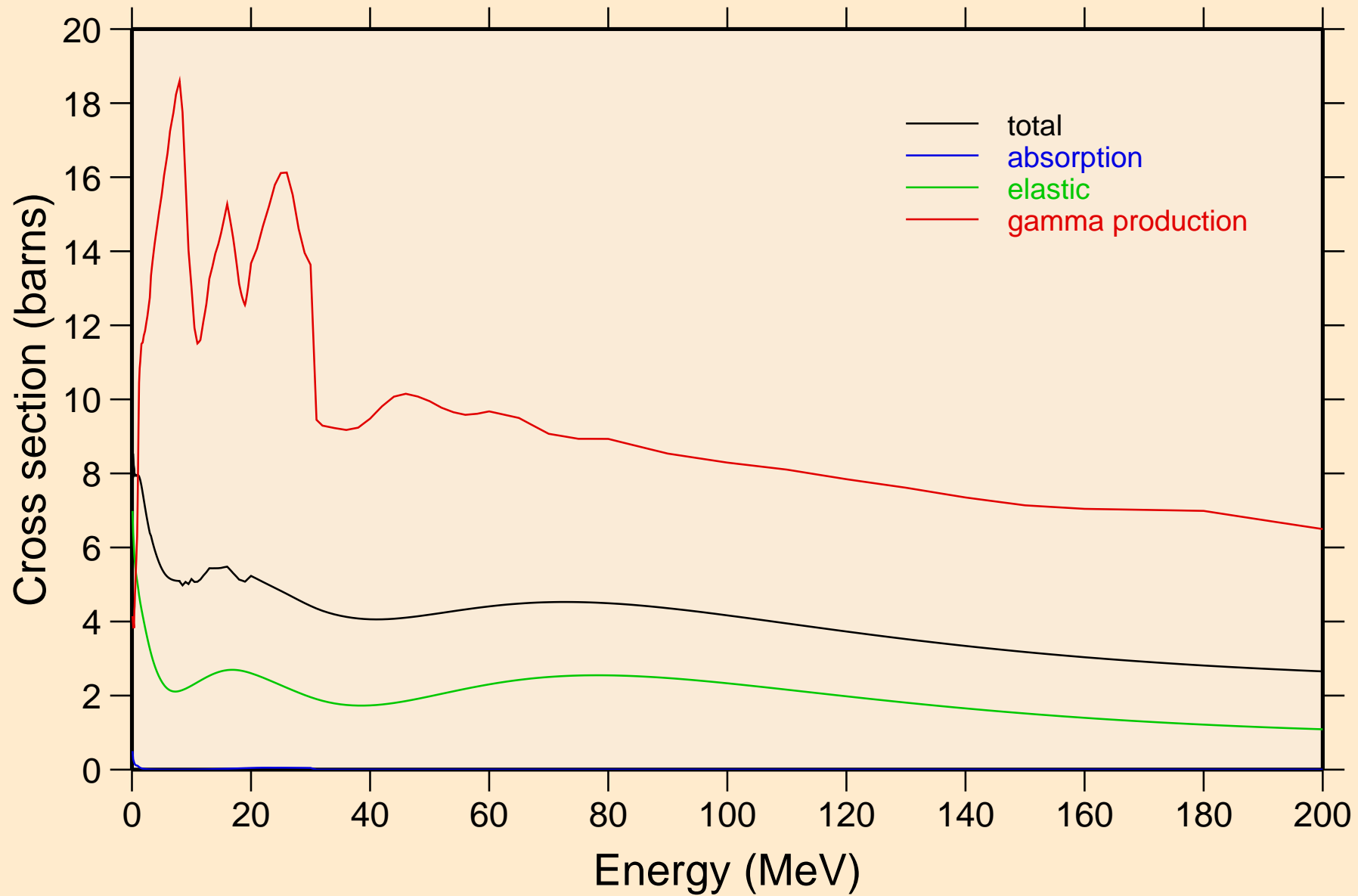


TM169 NRG TENDL-2015, AKONING  
Non-threshold reactions

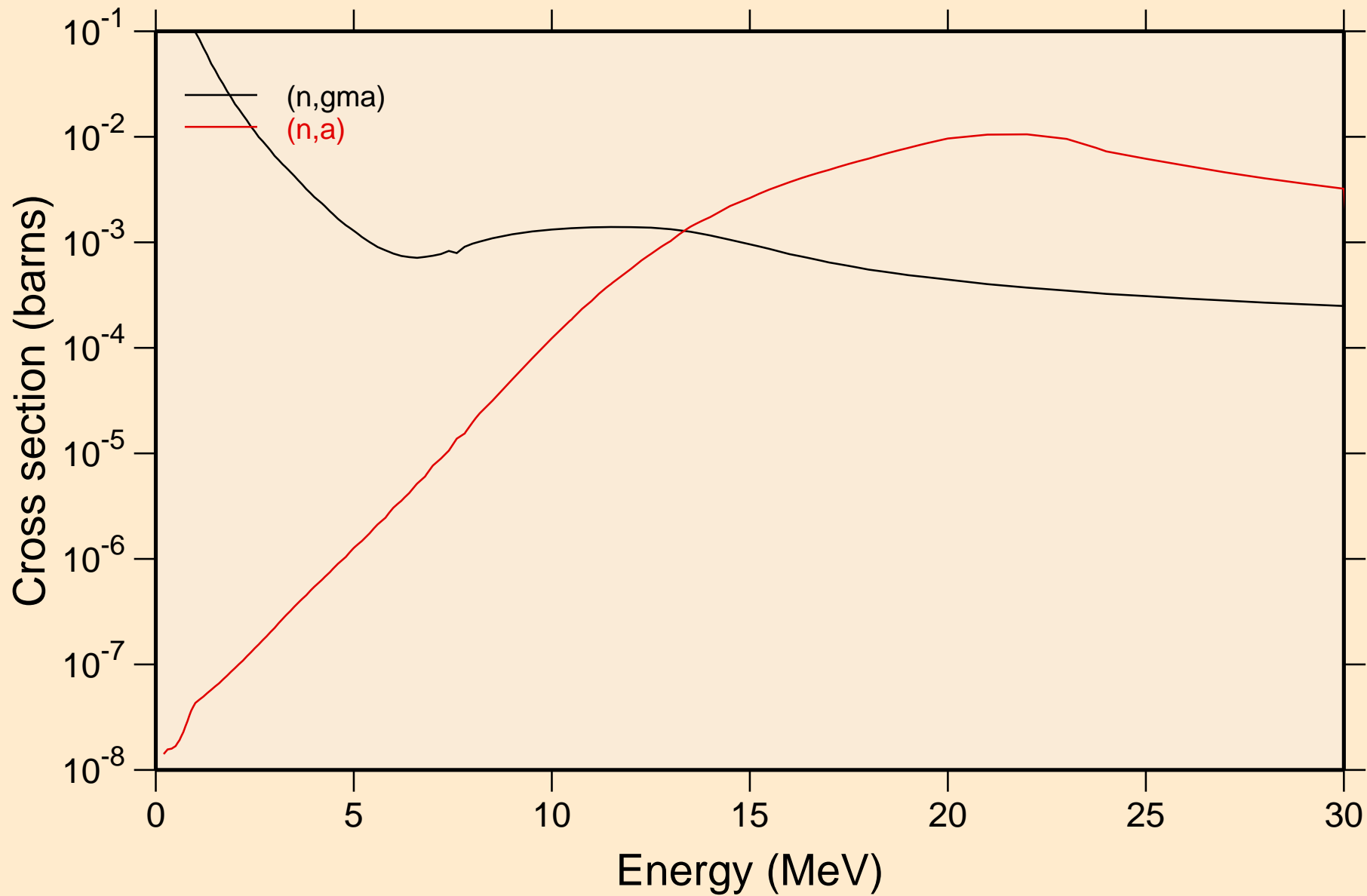


# TM169 NRG TENDL-2015, AKONING

## Principal cross sections

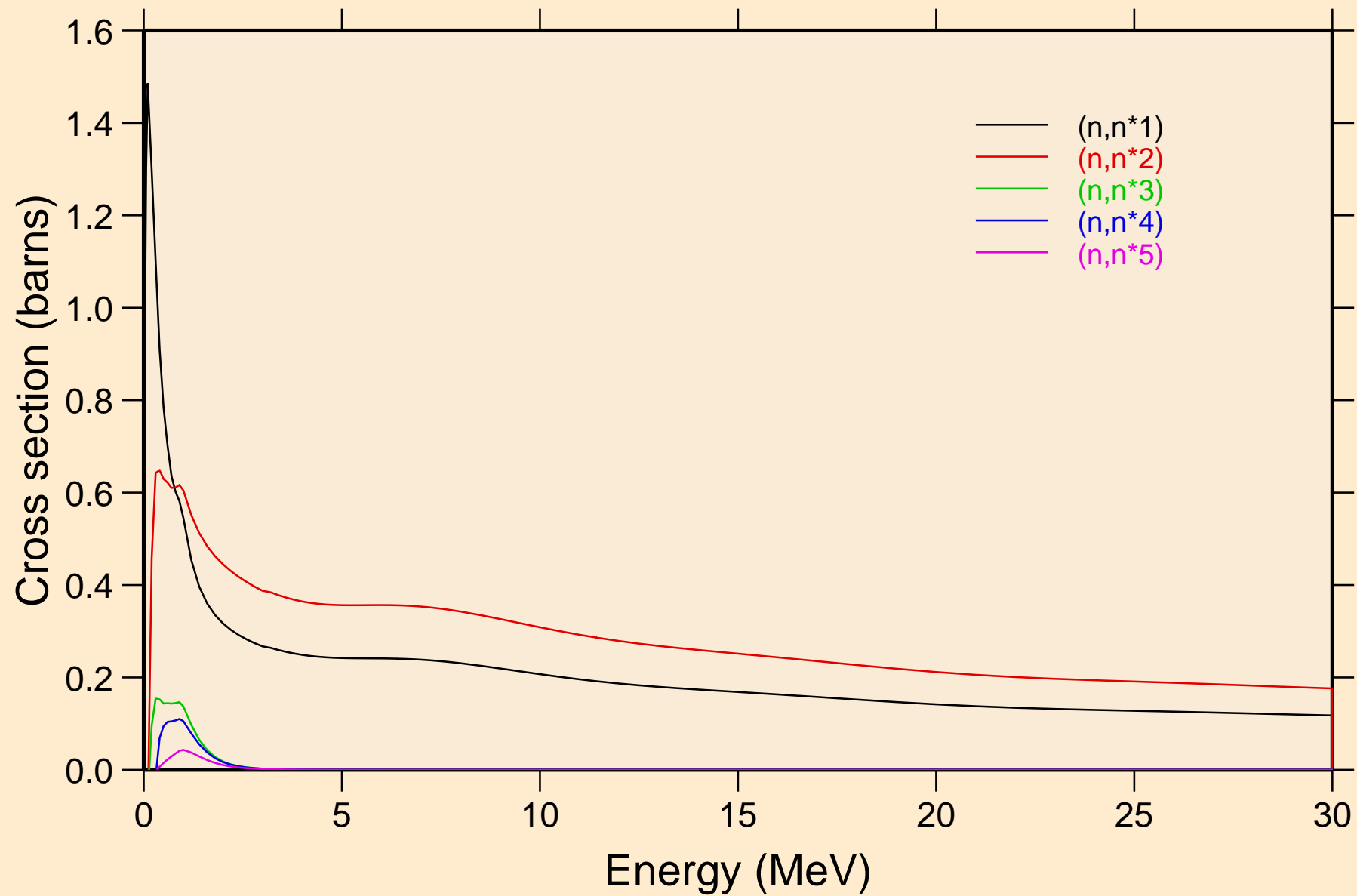


TM169 NRG TENDL-2015, AKONING  
Non-threshold reactions



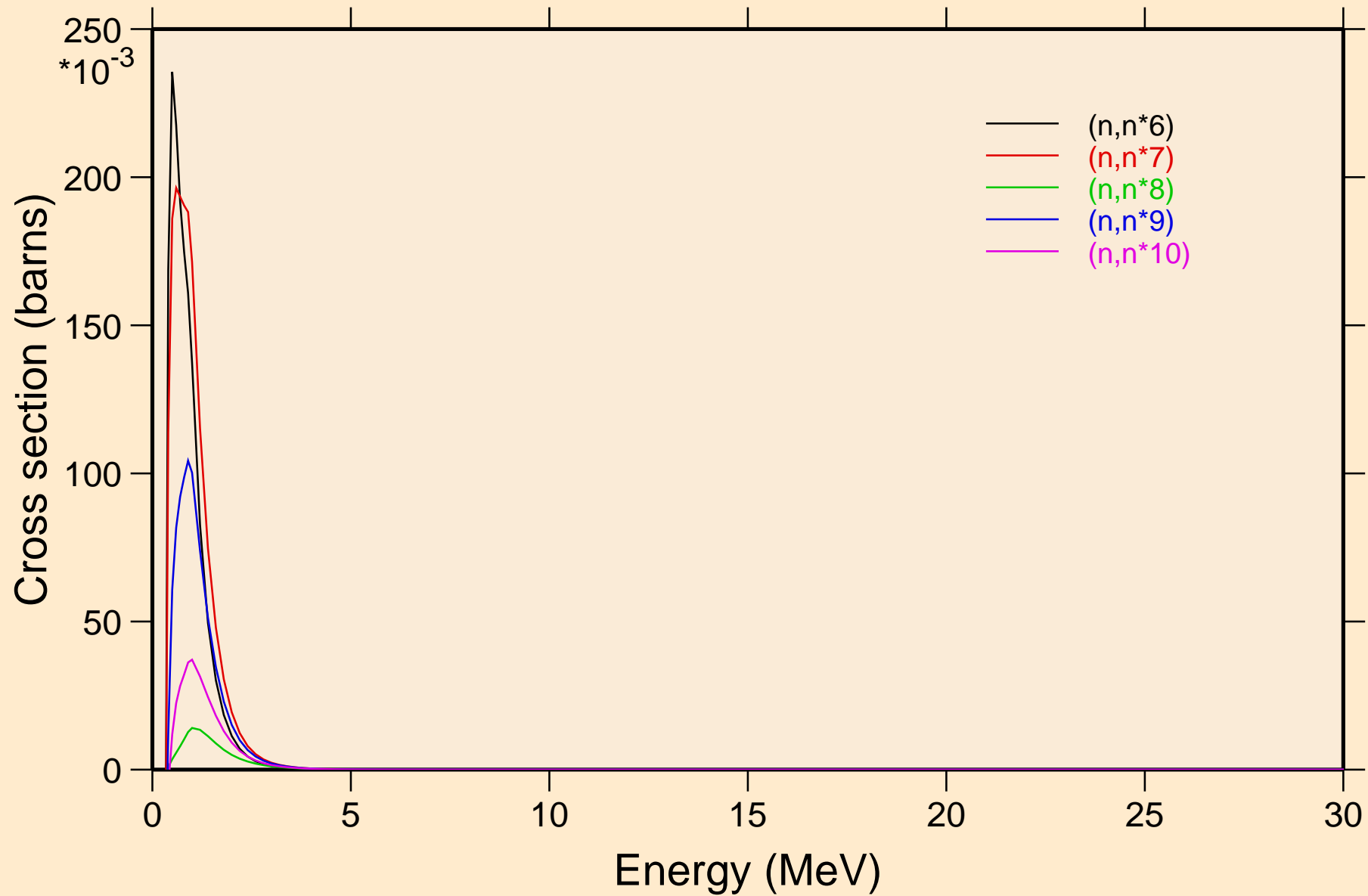
# TM169 NRG TENDL-2015, AKONING

## Inelastic levels



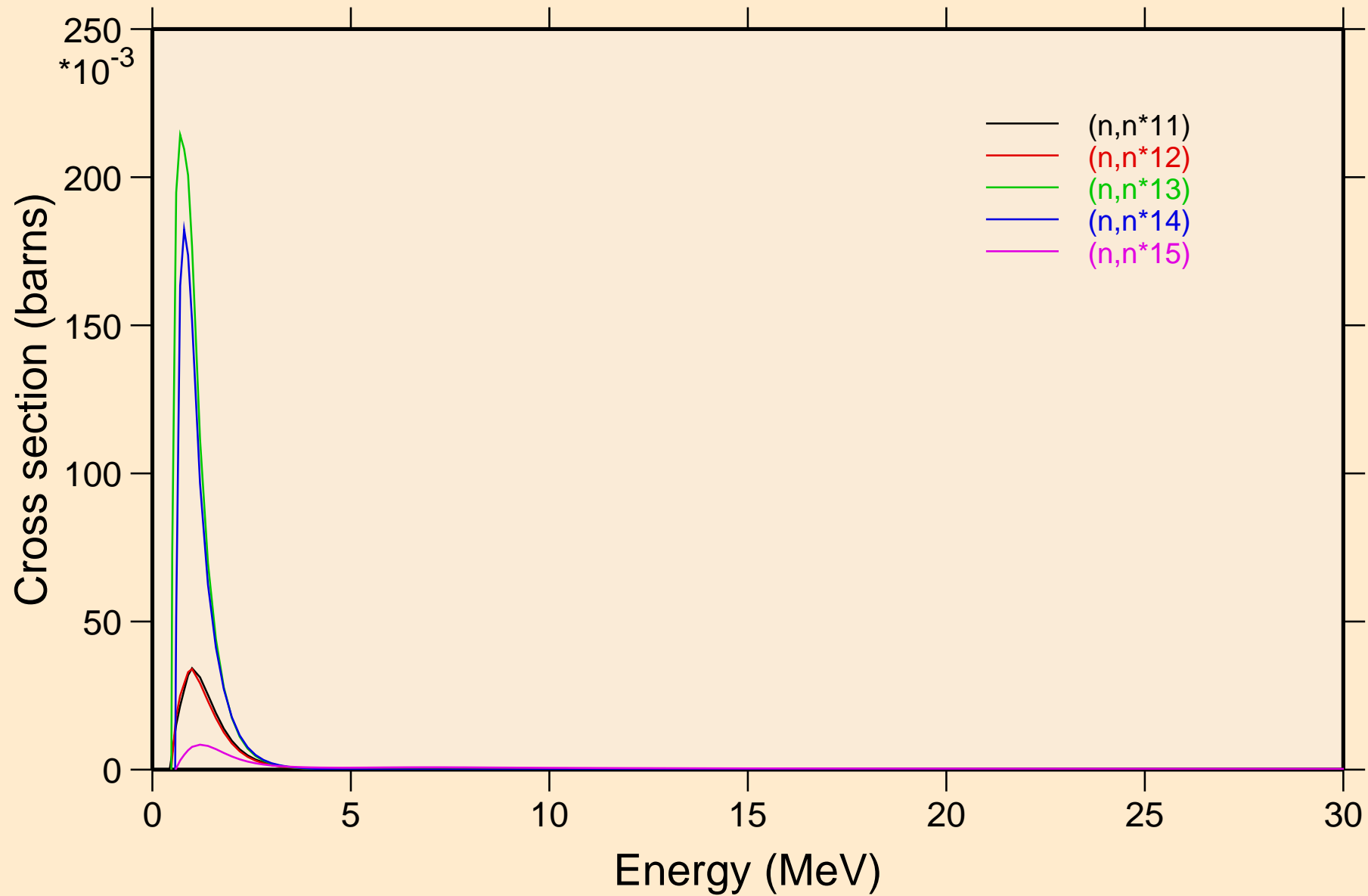
# TM169 NRG TENDL-2015, AKONING

## Inelastic levels



# TM169 NRG TENDL-2015, AKONING

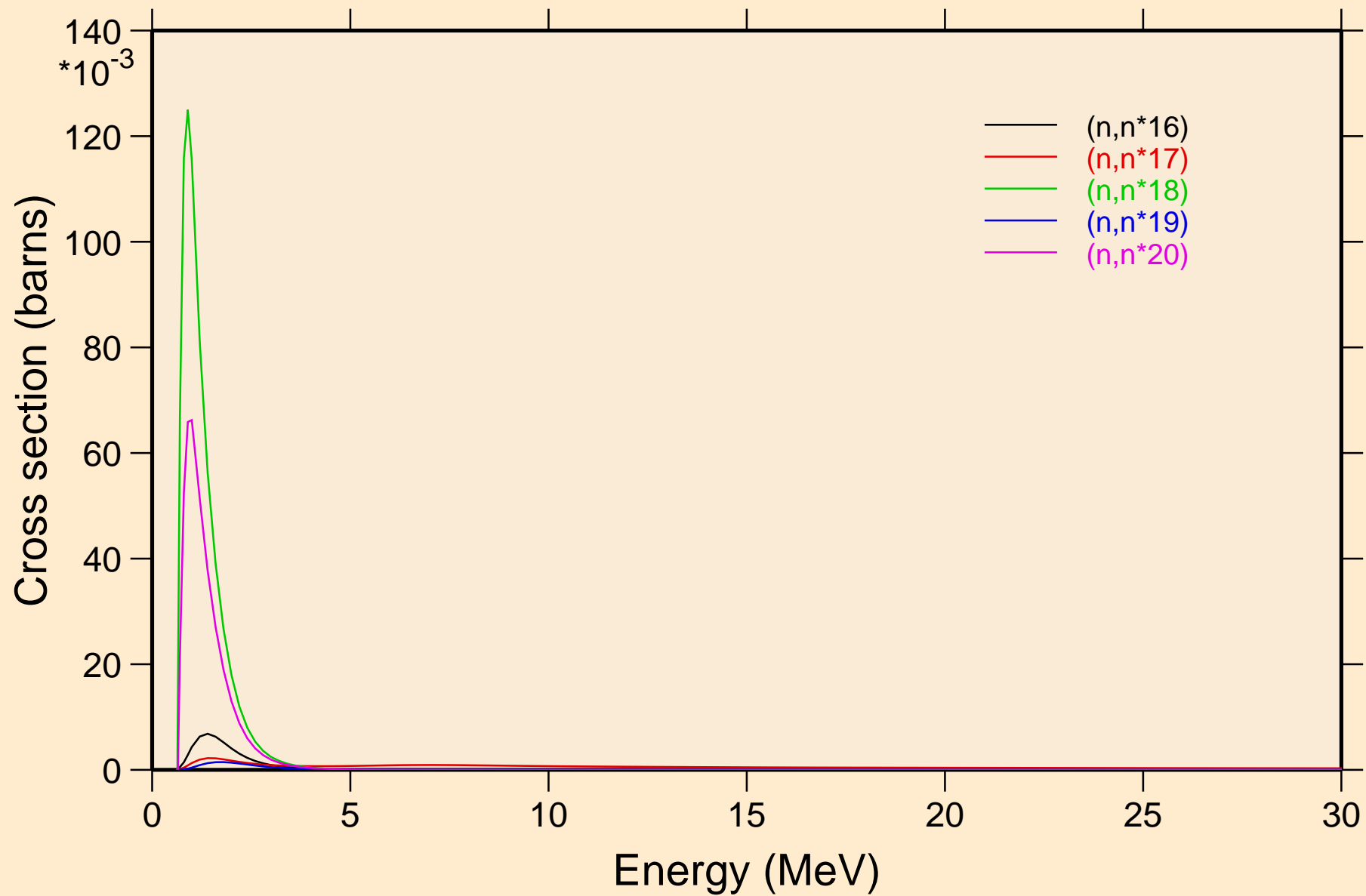
## Inelastic levels





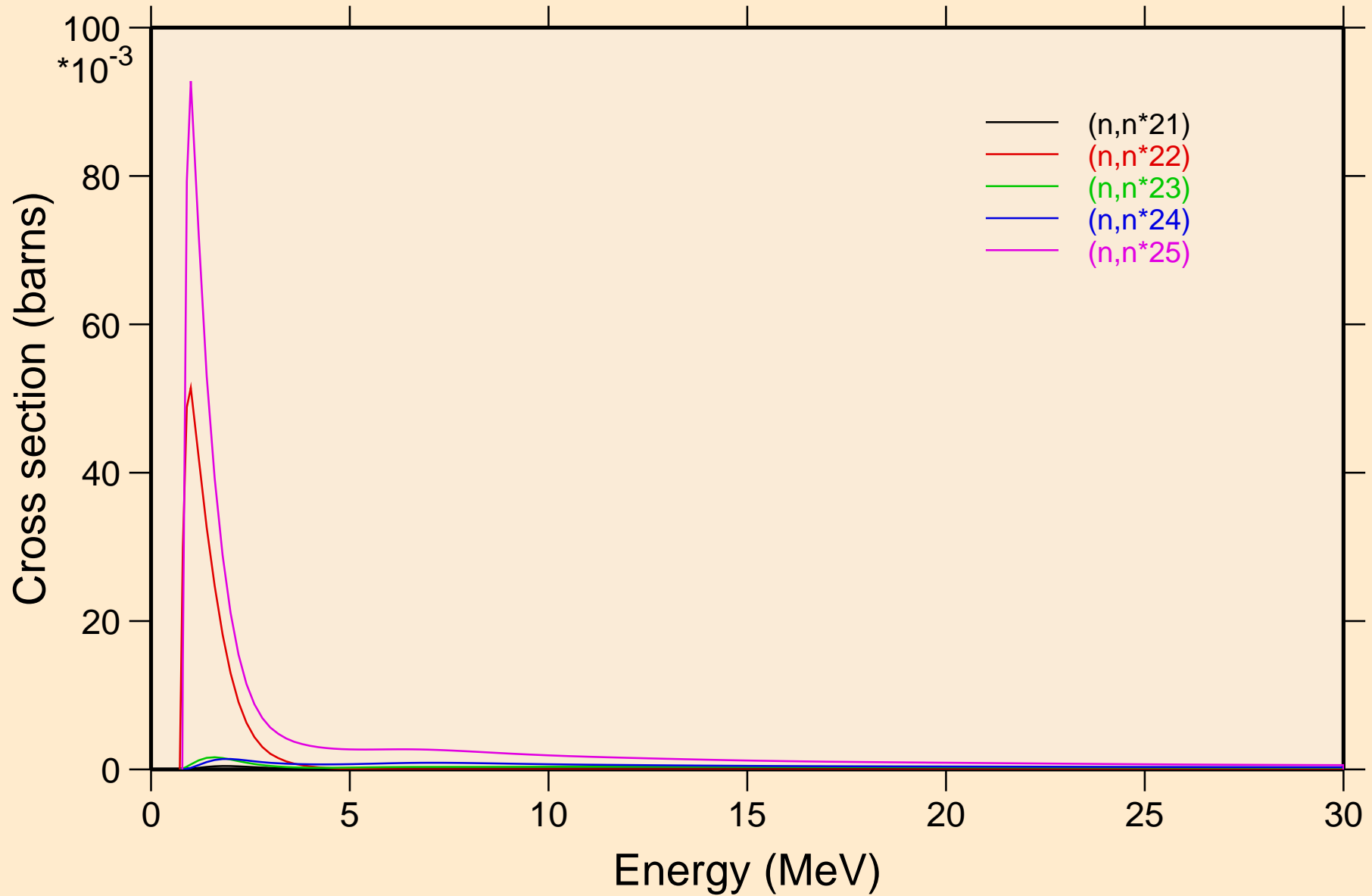
# TM169 NRG TENDL-2015, AKONING

## Inelastic levels



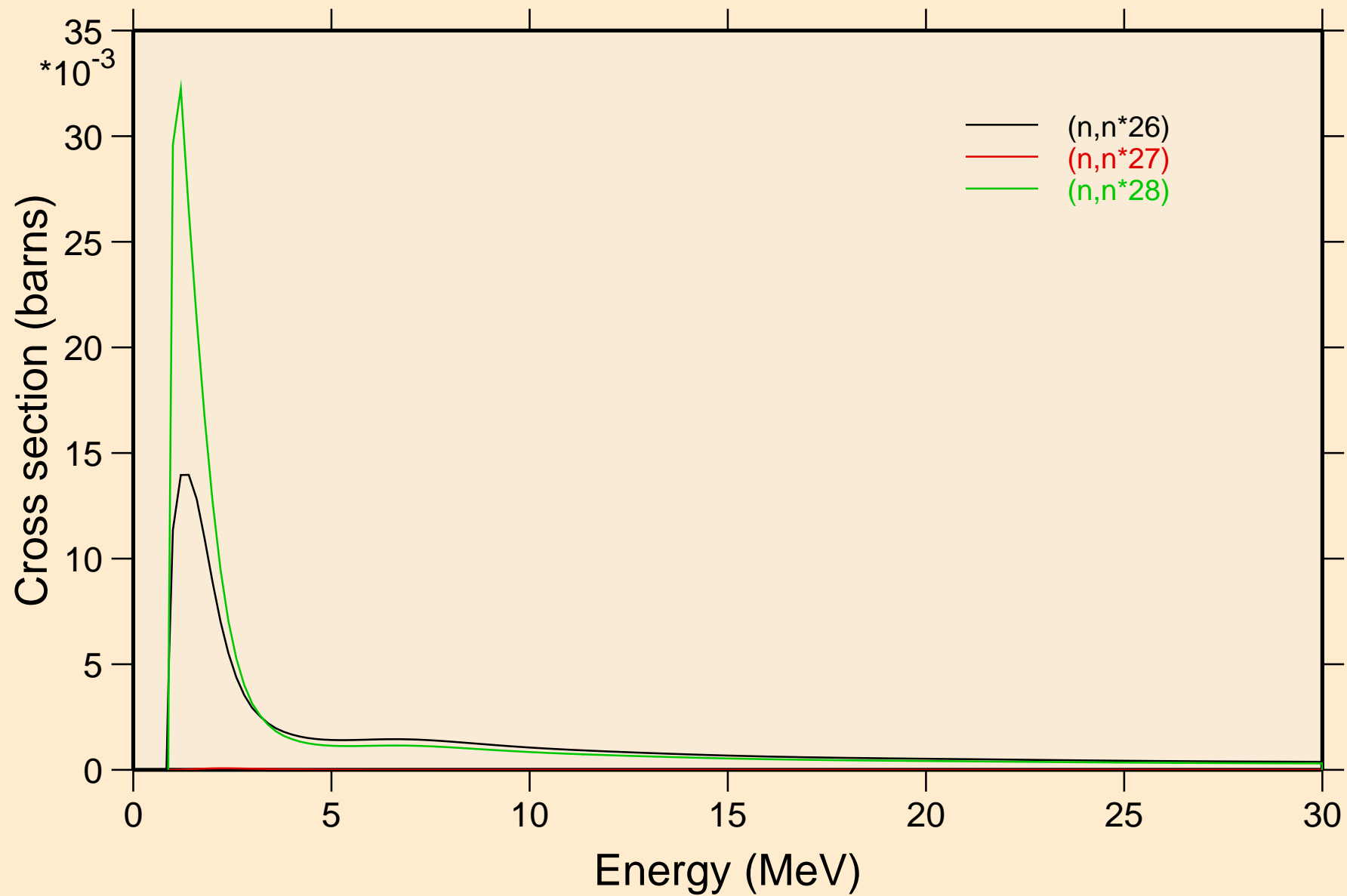
# TM169 NRG TENDL-2015, AKONING

## Inelastic levels



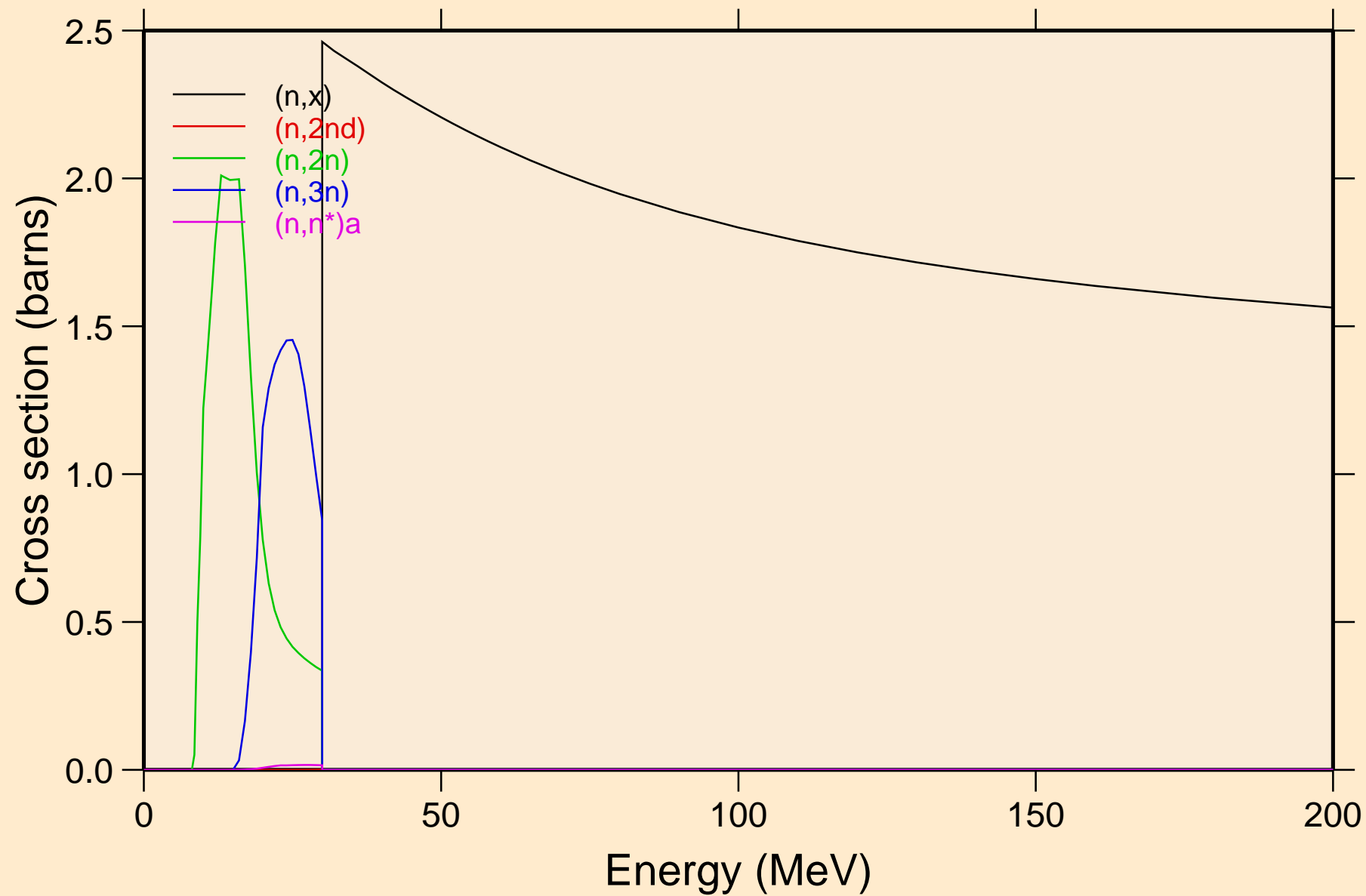
# TM169 NRG TENDL-2015, AKONING

## Inelastic levels



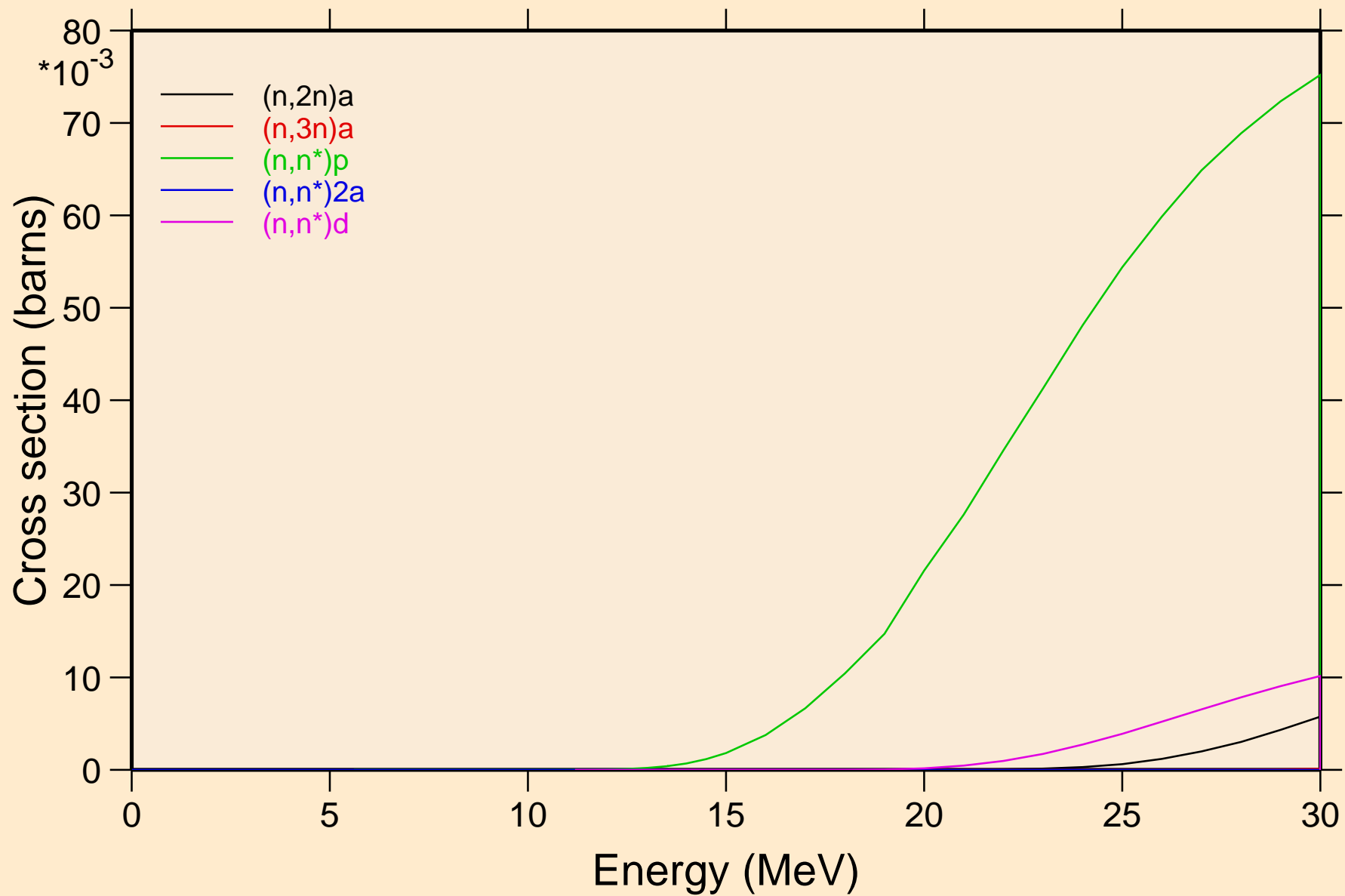
# TM169 NRG TENDL-2015, AKONING

## Threshold reactions



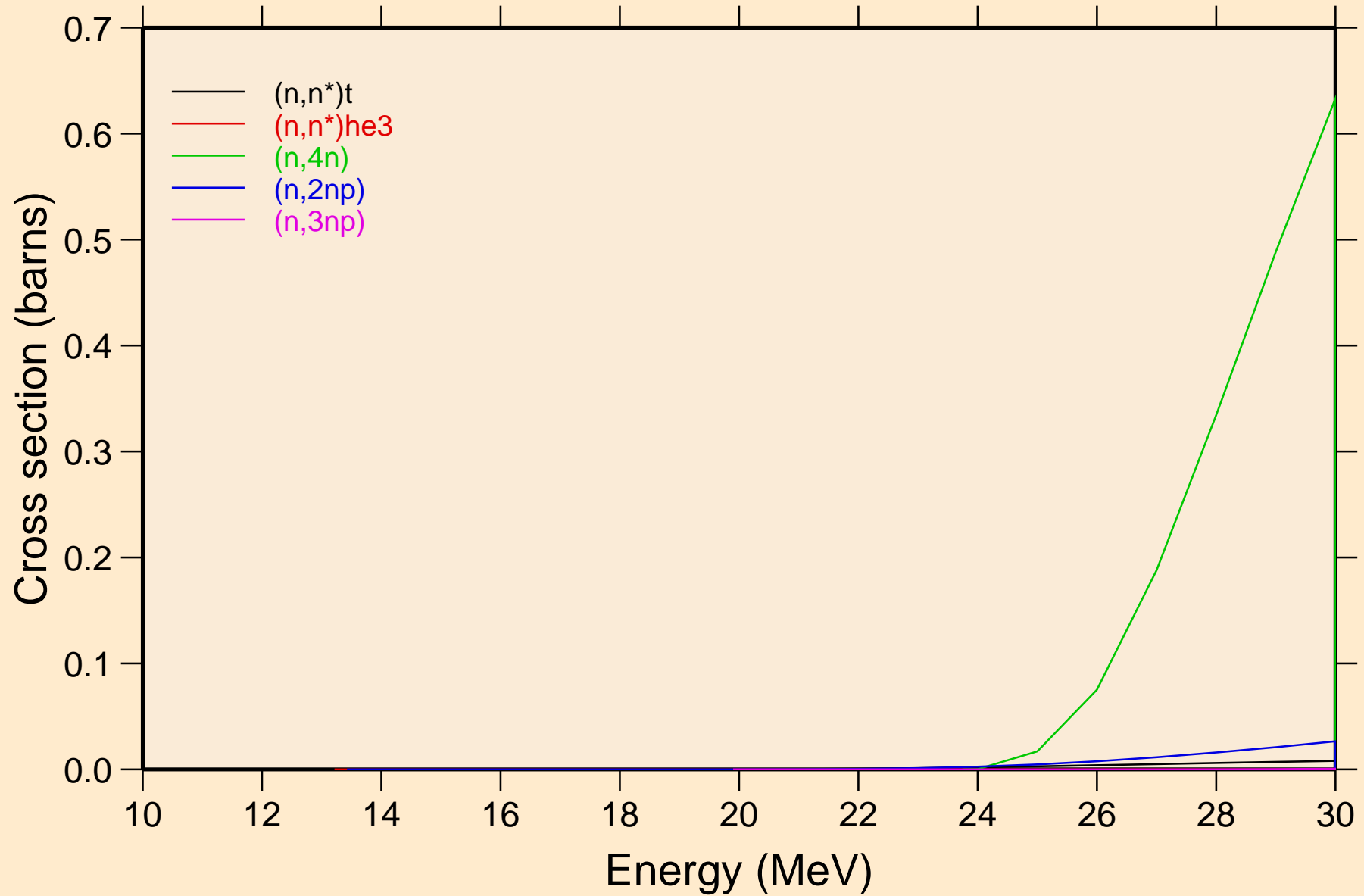
# TM169 NRG TENDL-2015, AKONING

## Threshold reactions



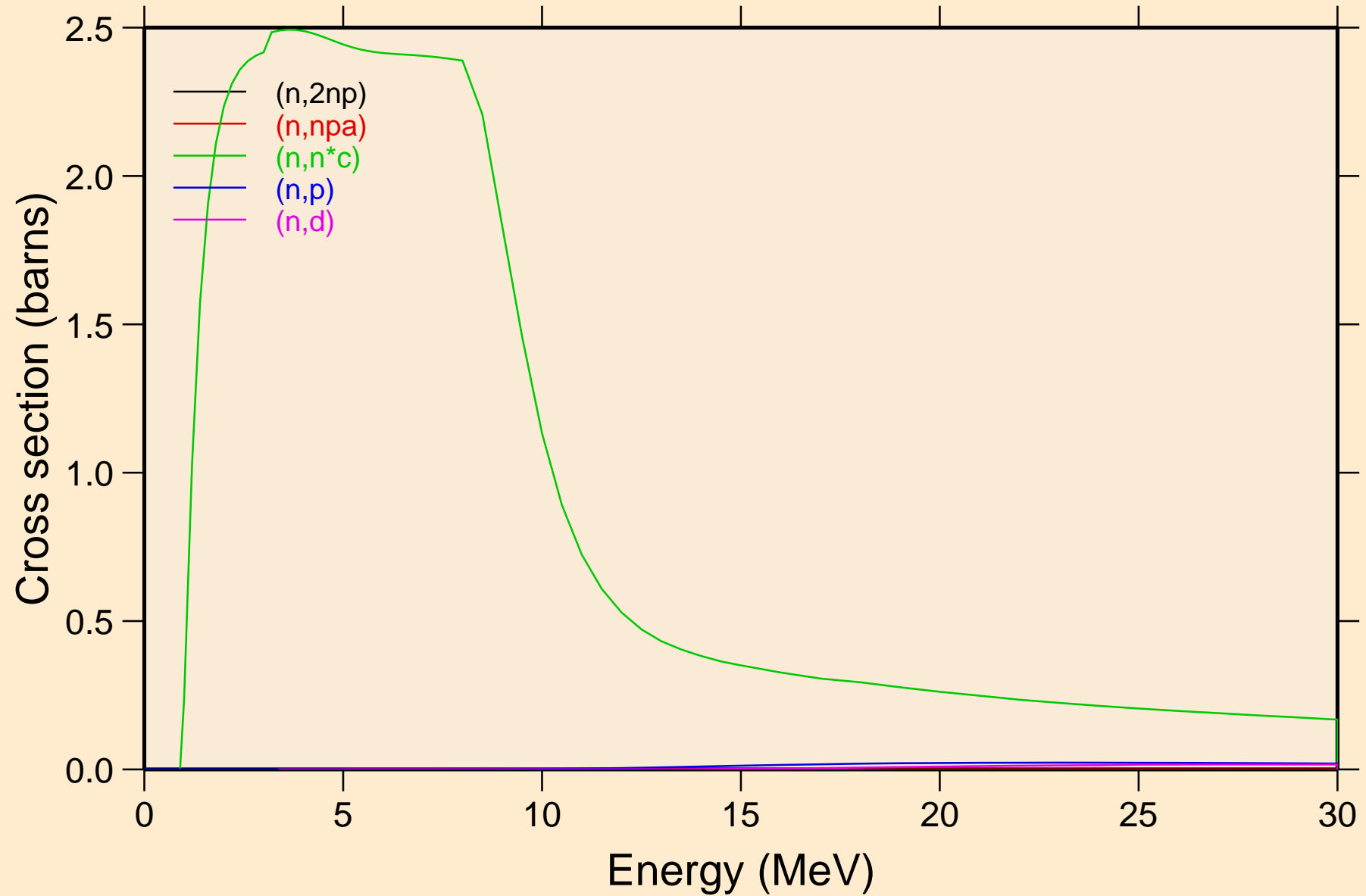
# TM169 NRG TENDL-2015, AKONING

## Threshold reactions



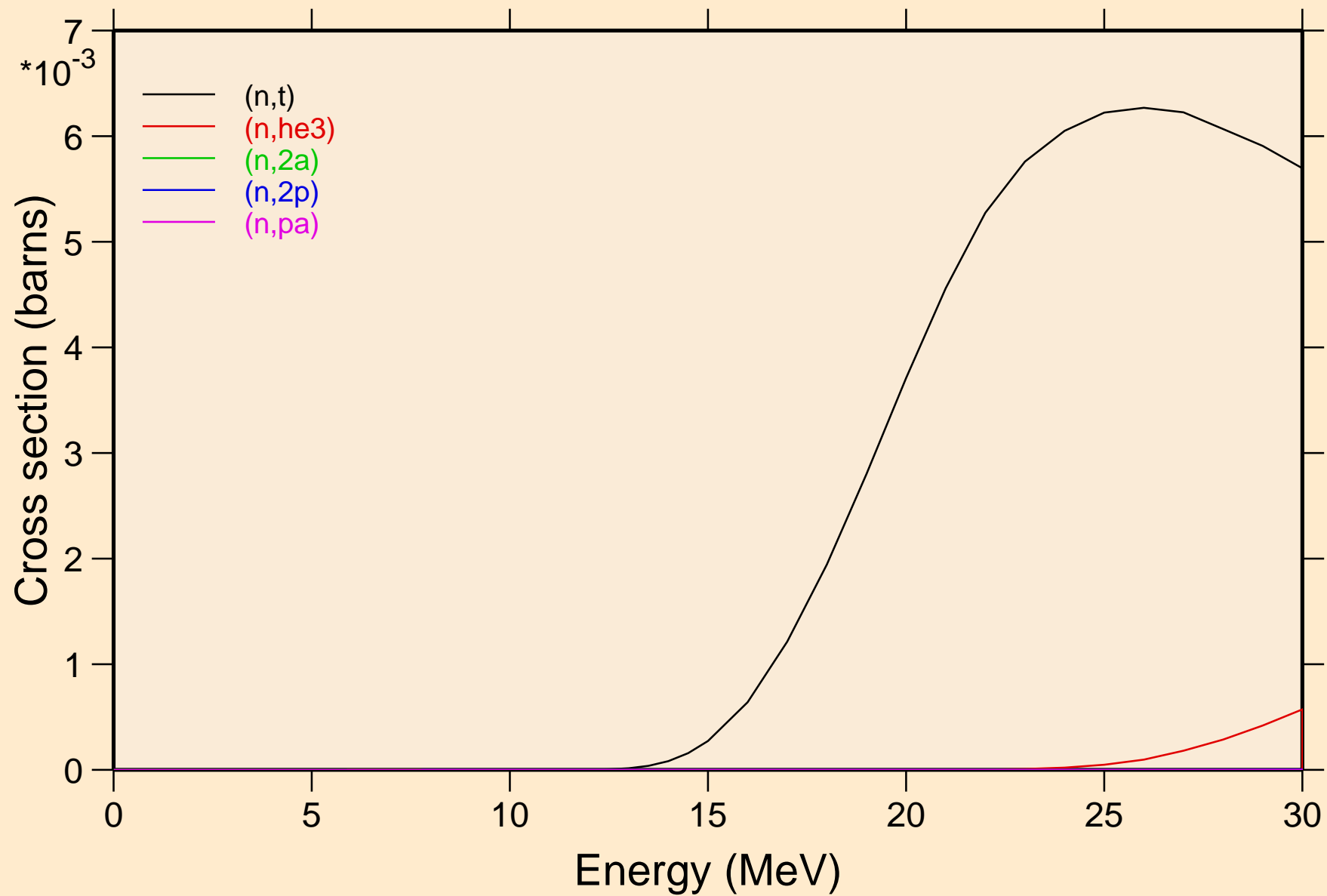
# TM169 NRG TENDL-2015, AKONING

## Threshold reactions



# TM169 NRG TENDL-2015, AKONING

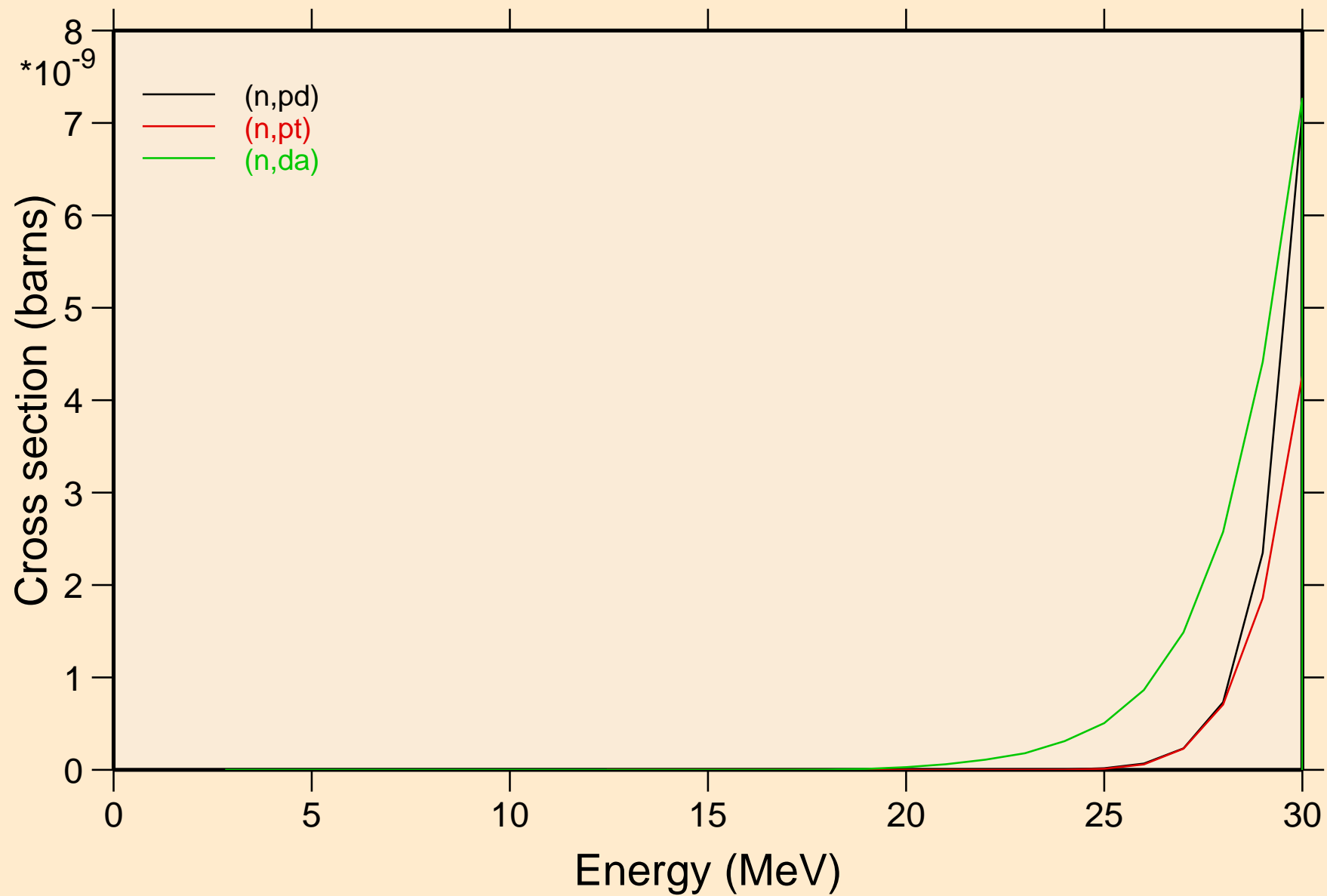
## Threshold reactions



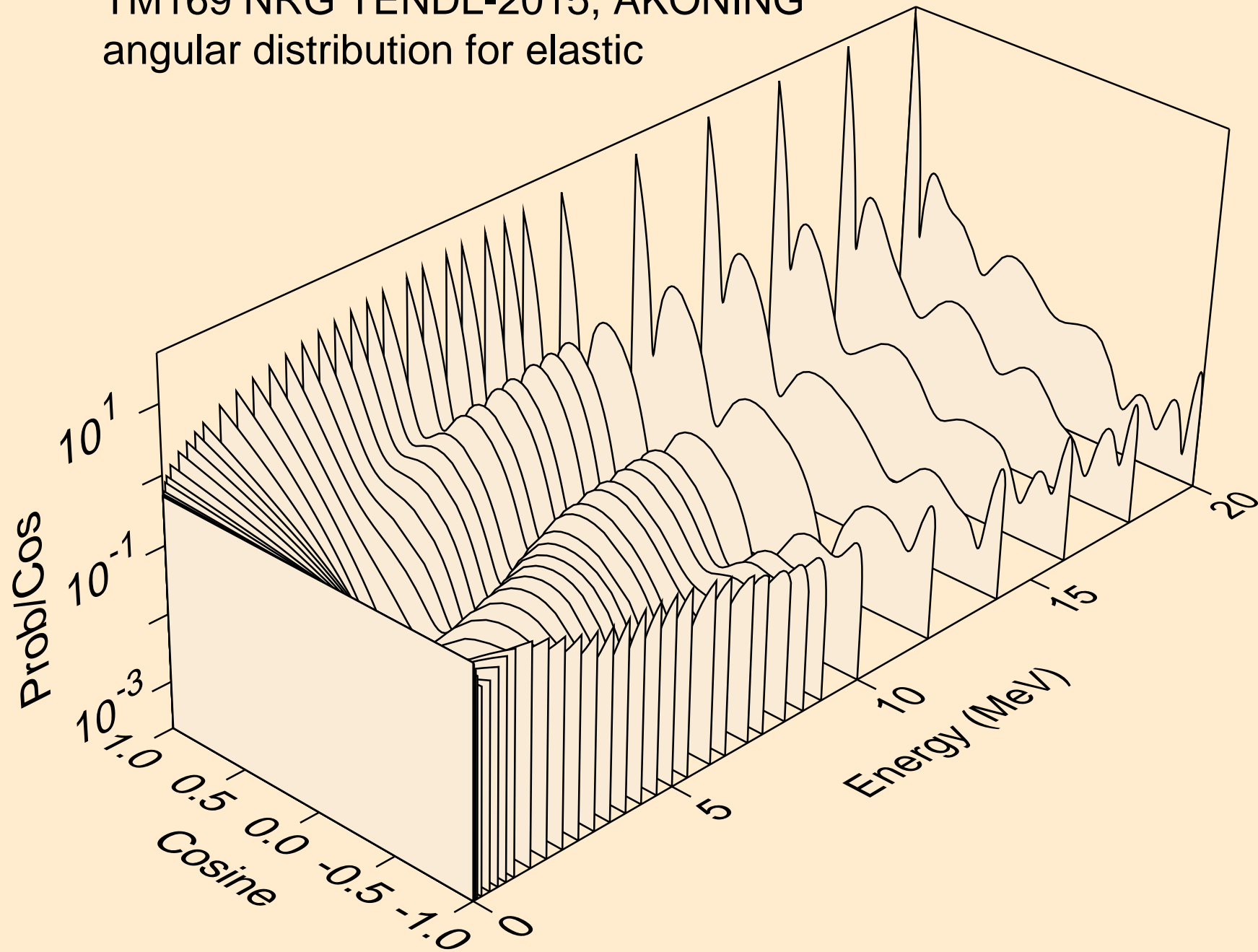


# TM169 NRG TENDL-2015, AKONING

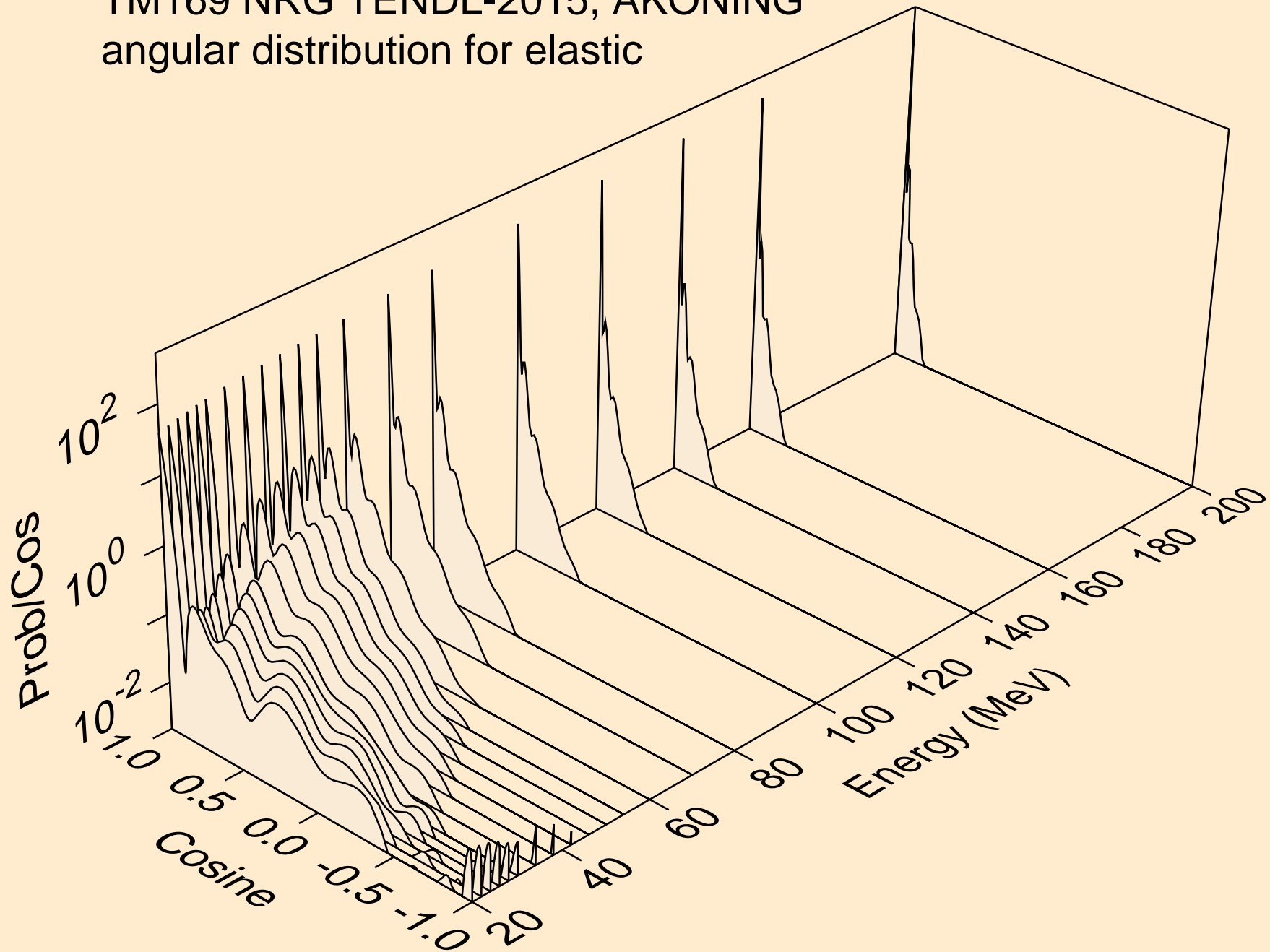
## Threshold reactions



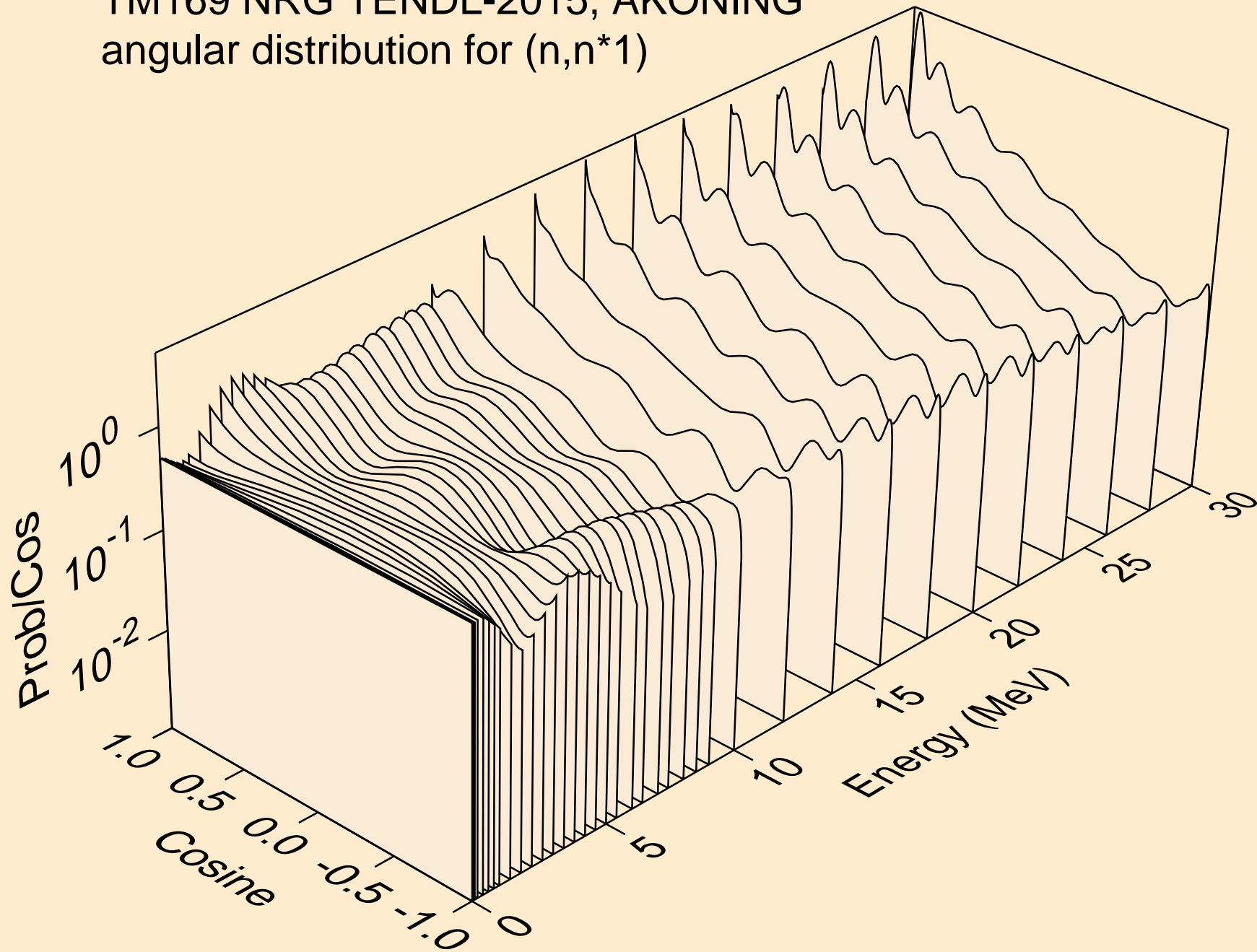
TM169 NRG TENDL-2015, AKONING  
angular distribution for elastic



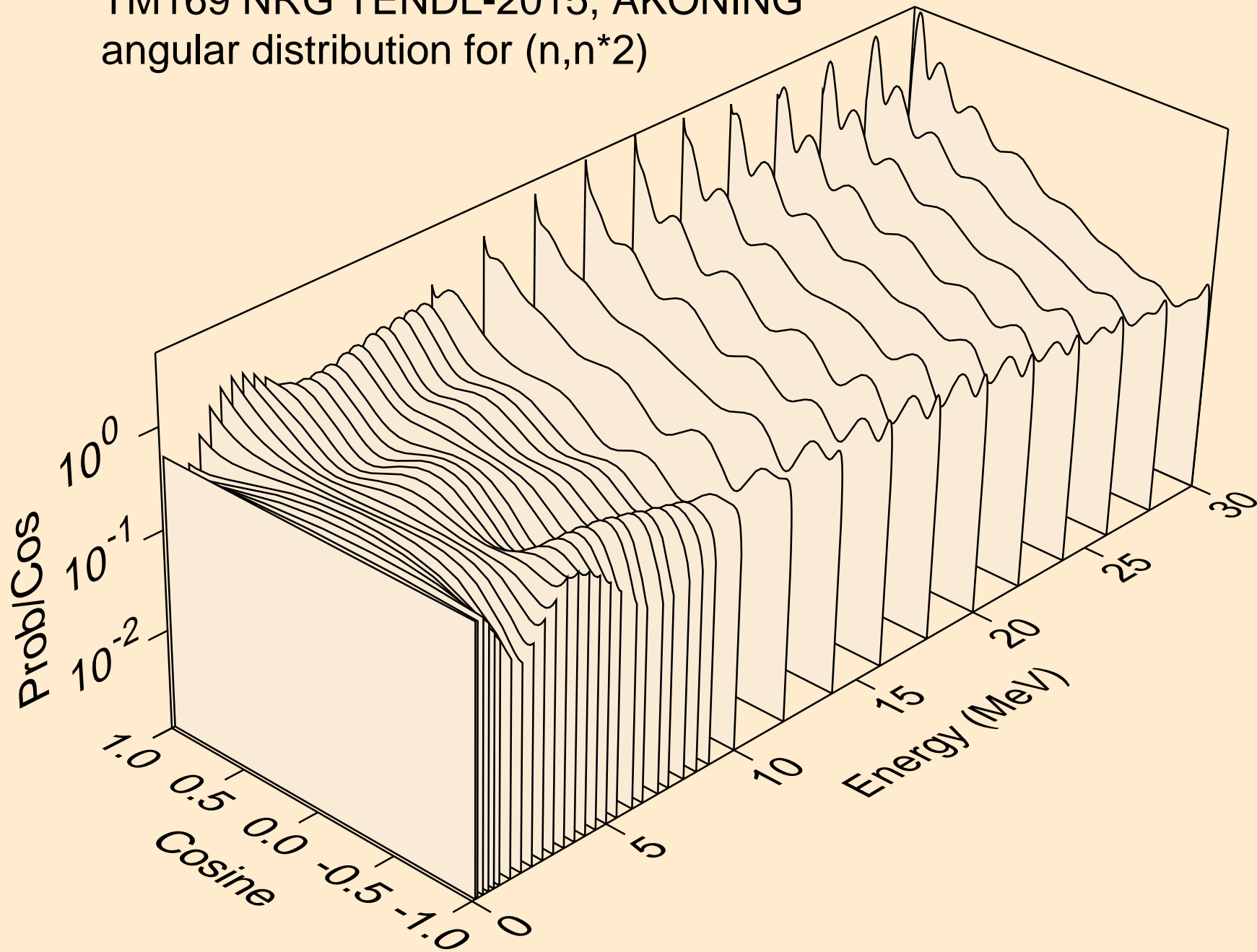
TM169 NRG TENDL-2015, AKONING  
angular distribution for elastic



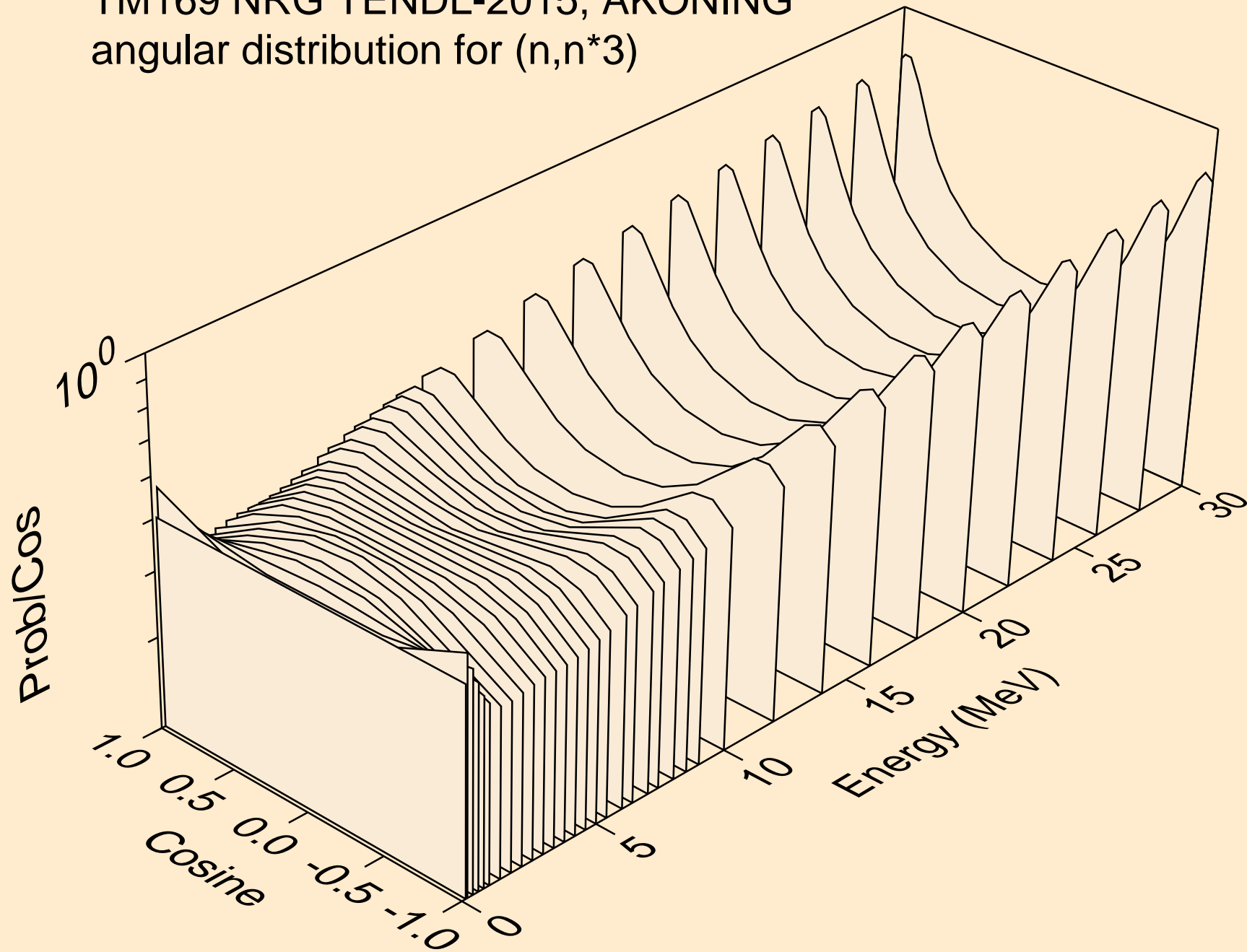
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



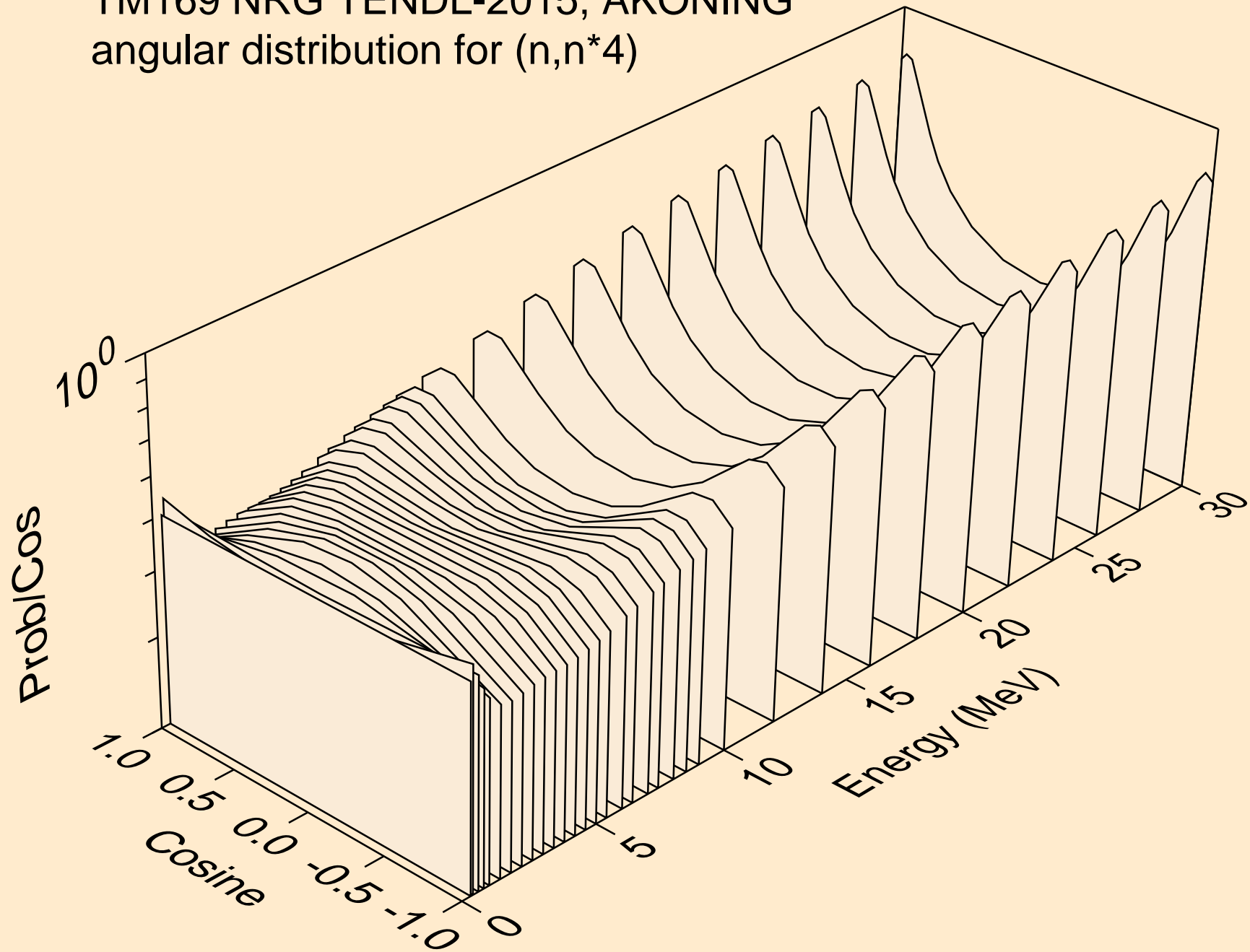
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



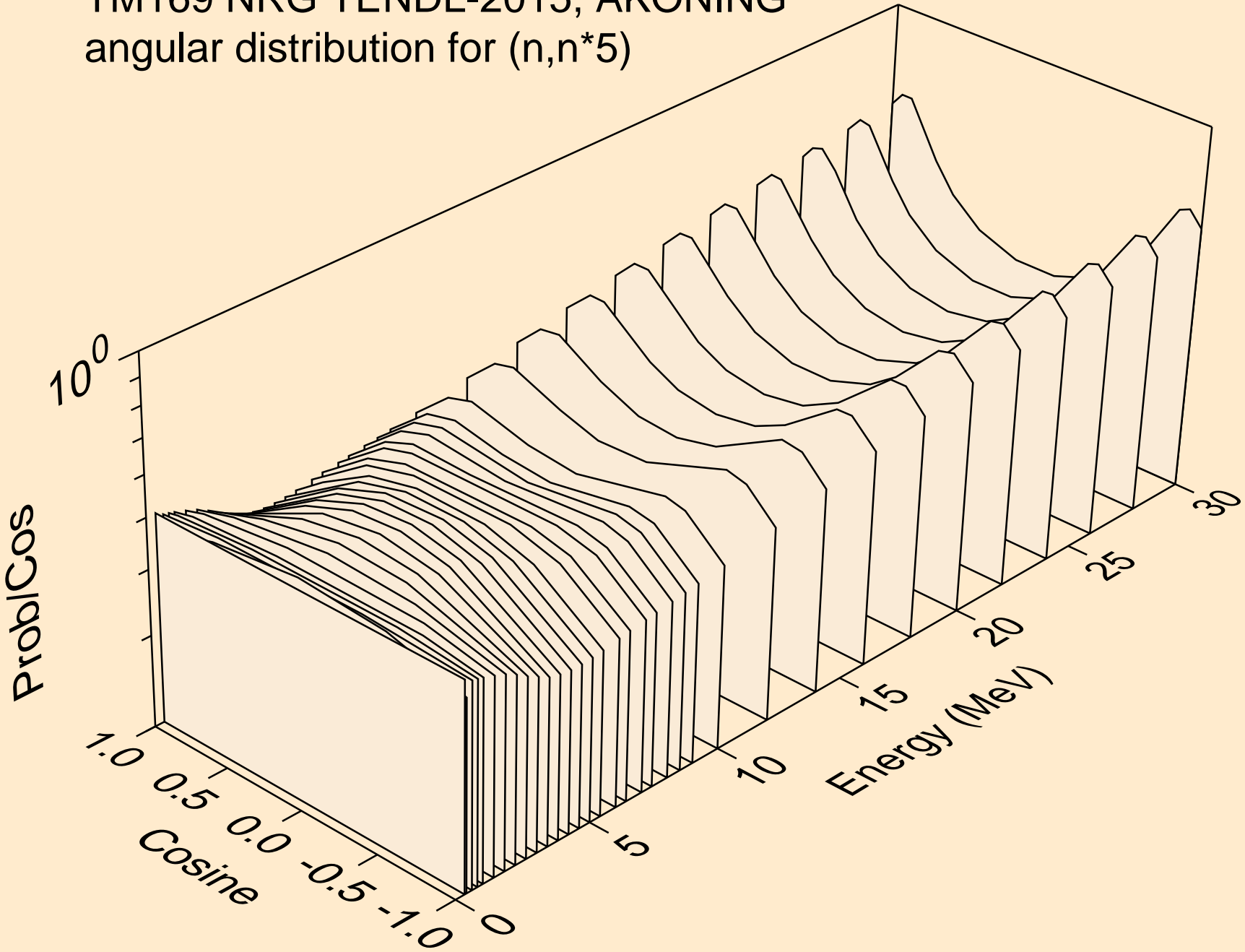
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

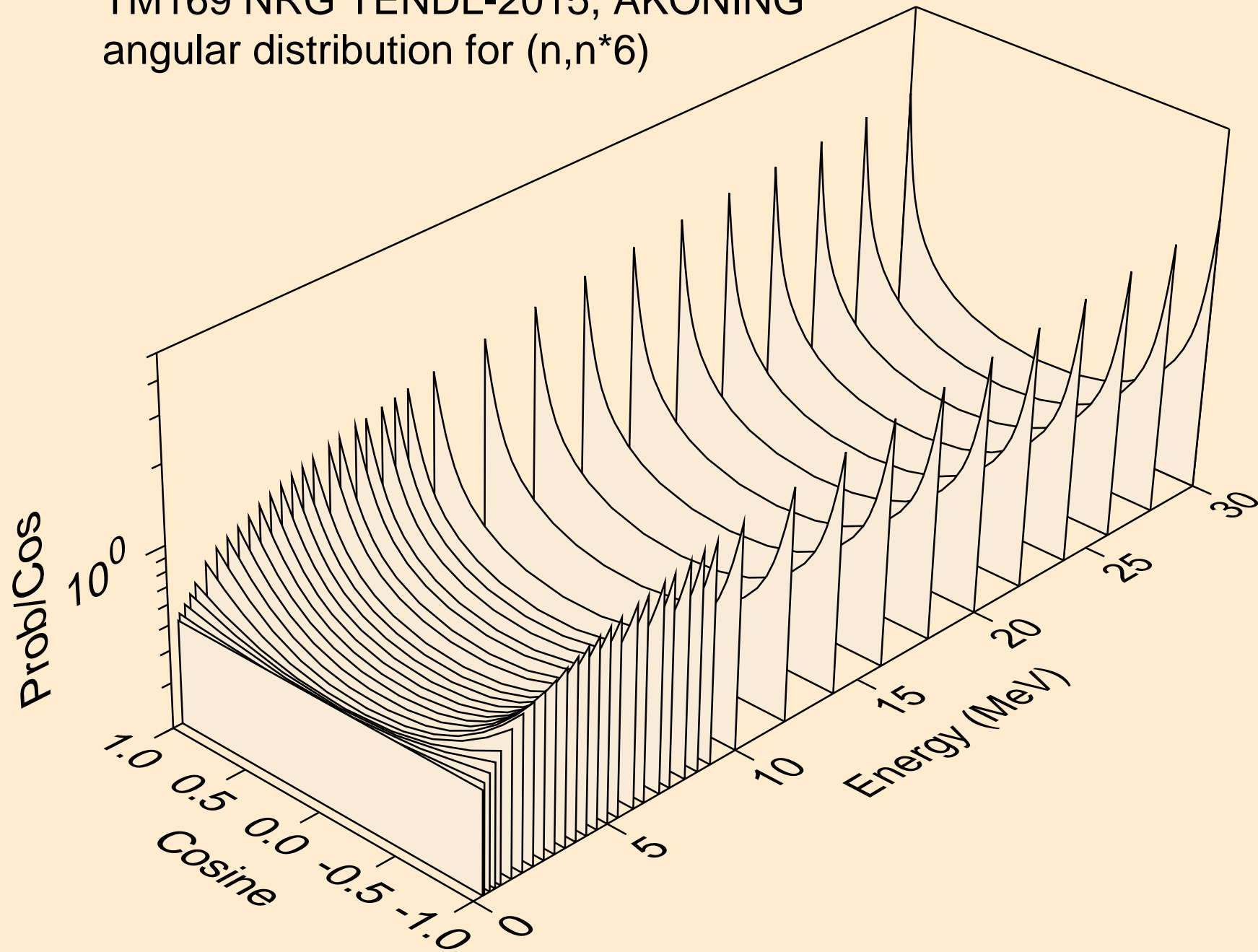


TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

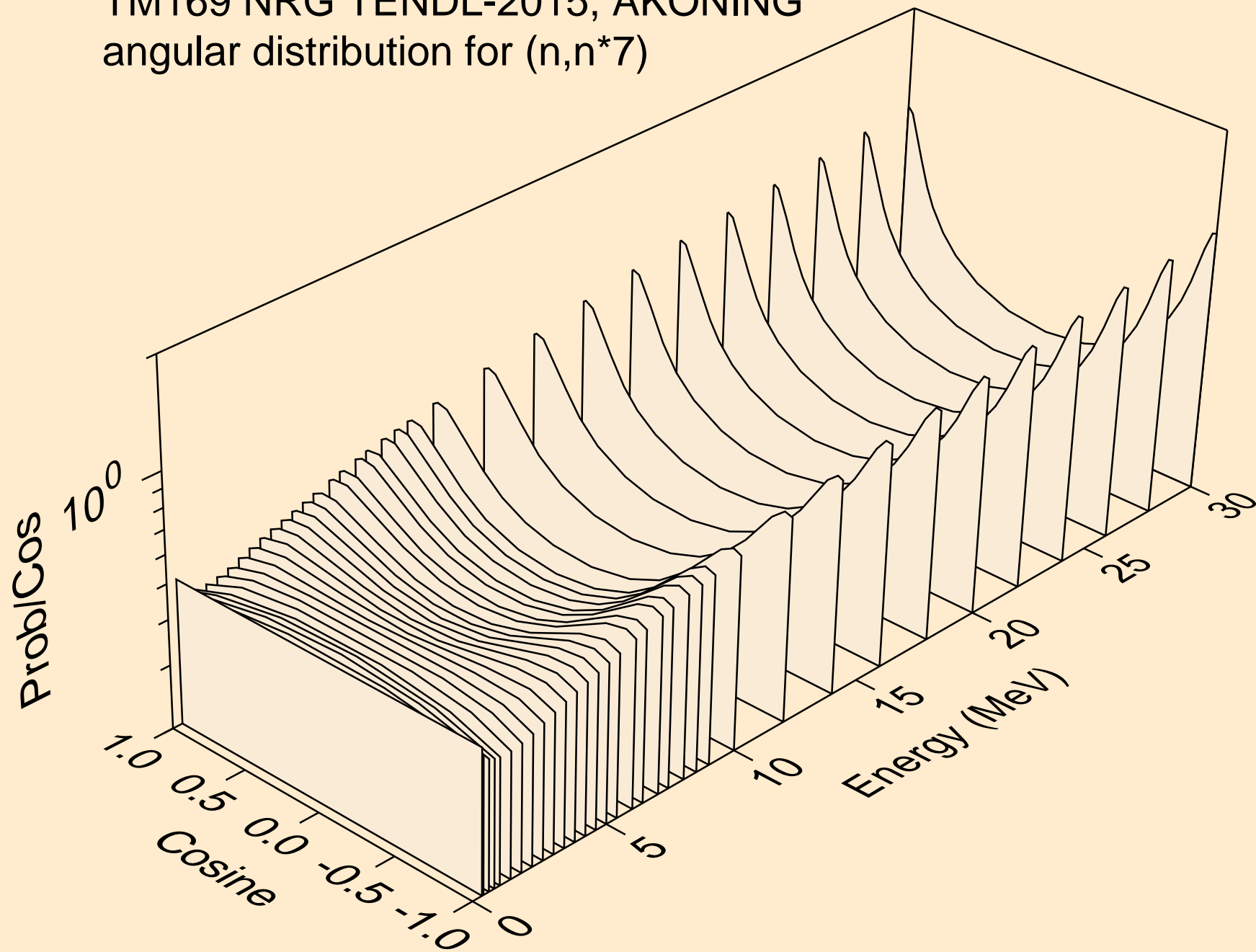




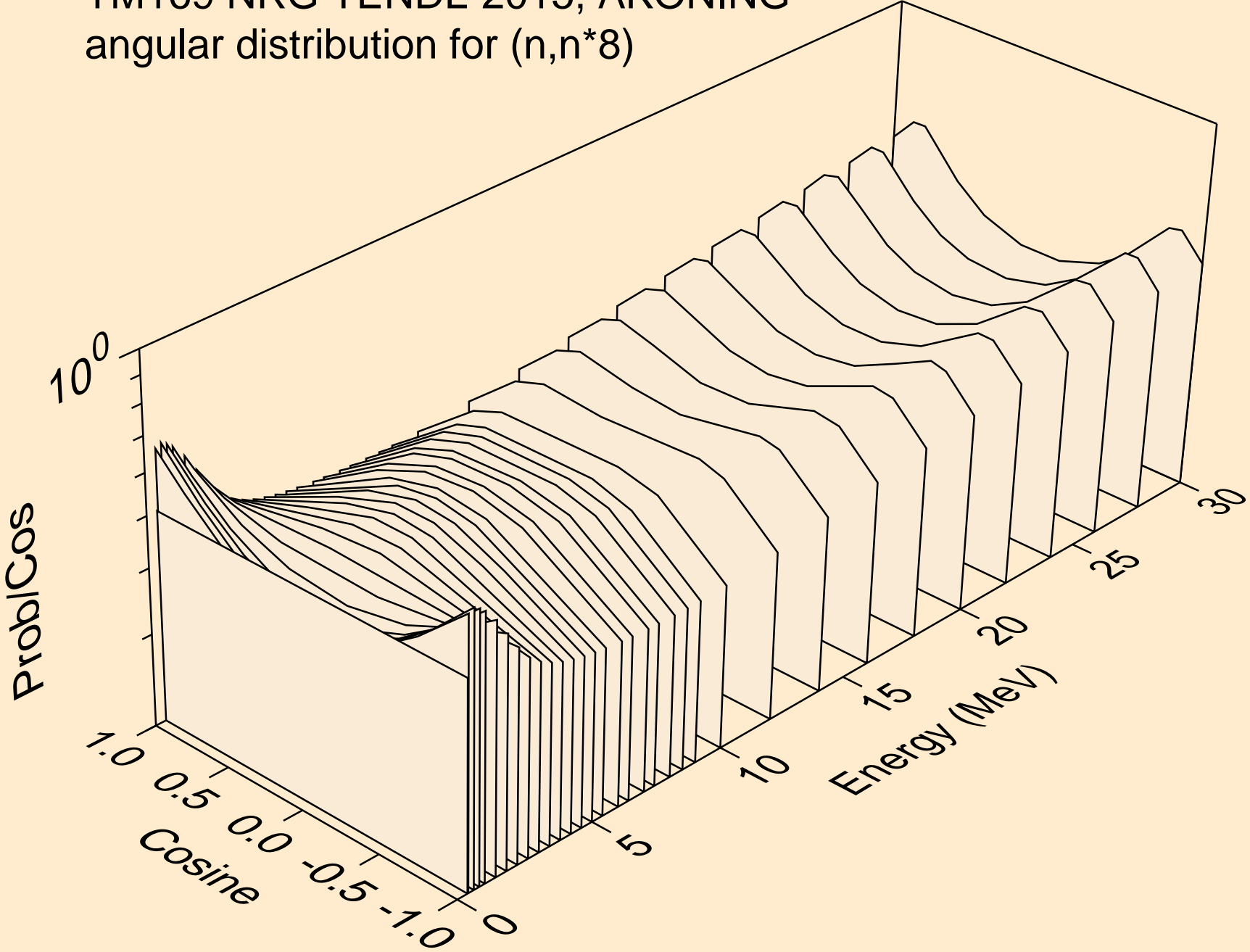
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



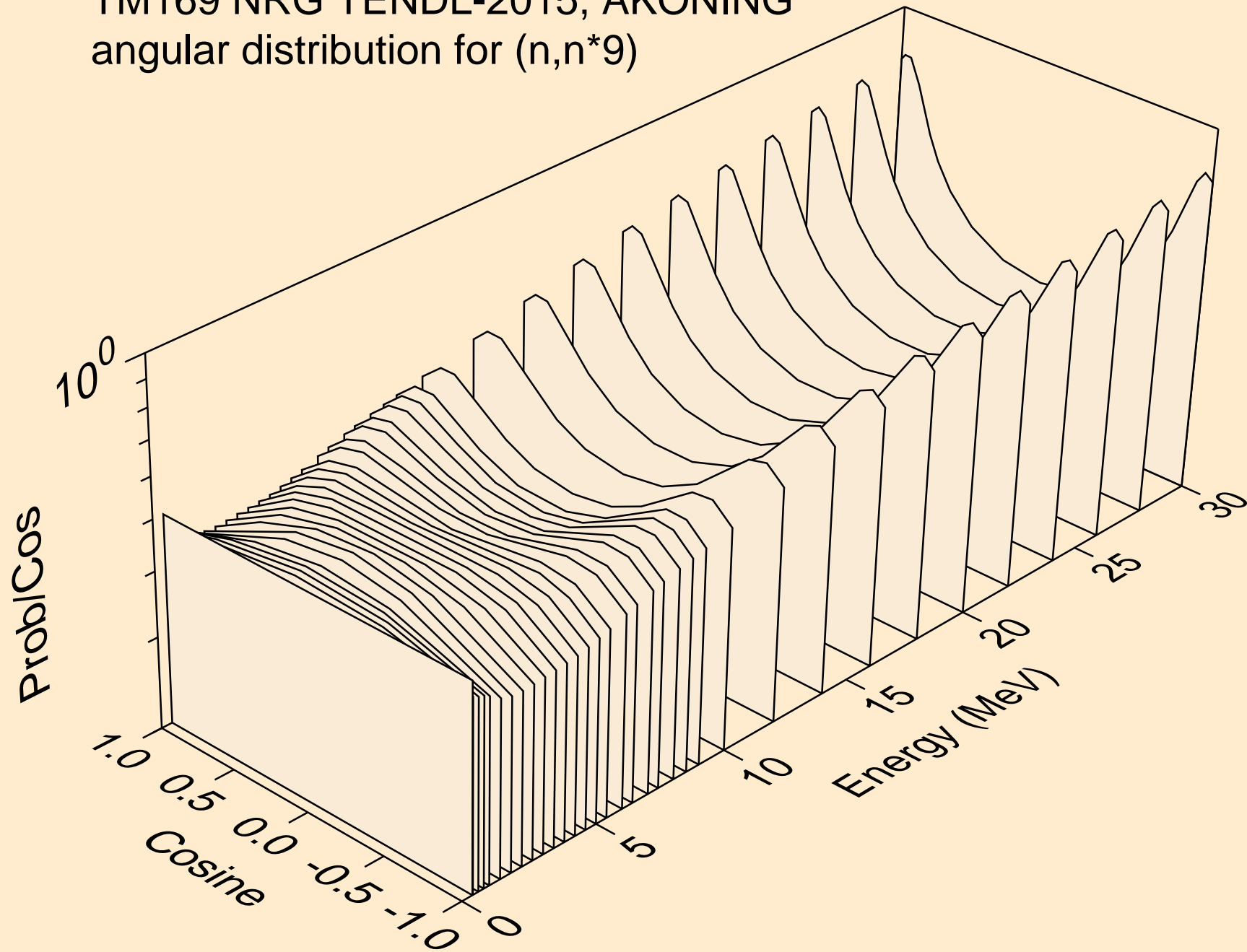
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



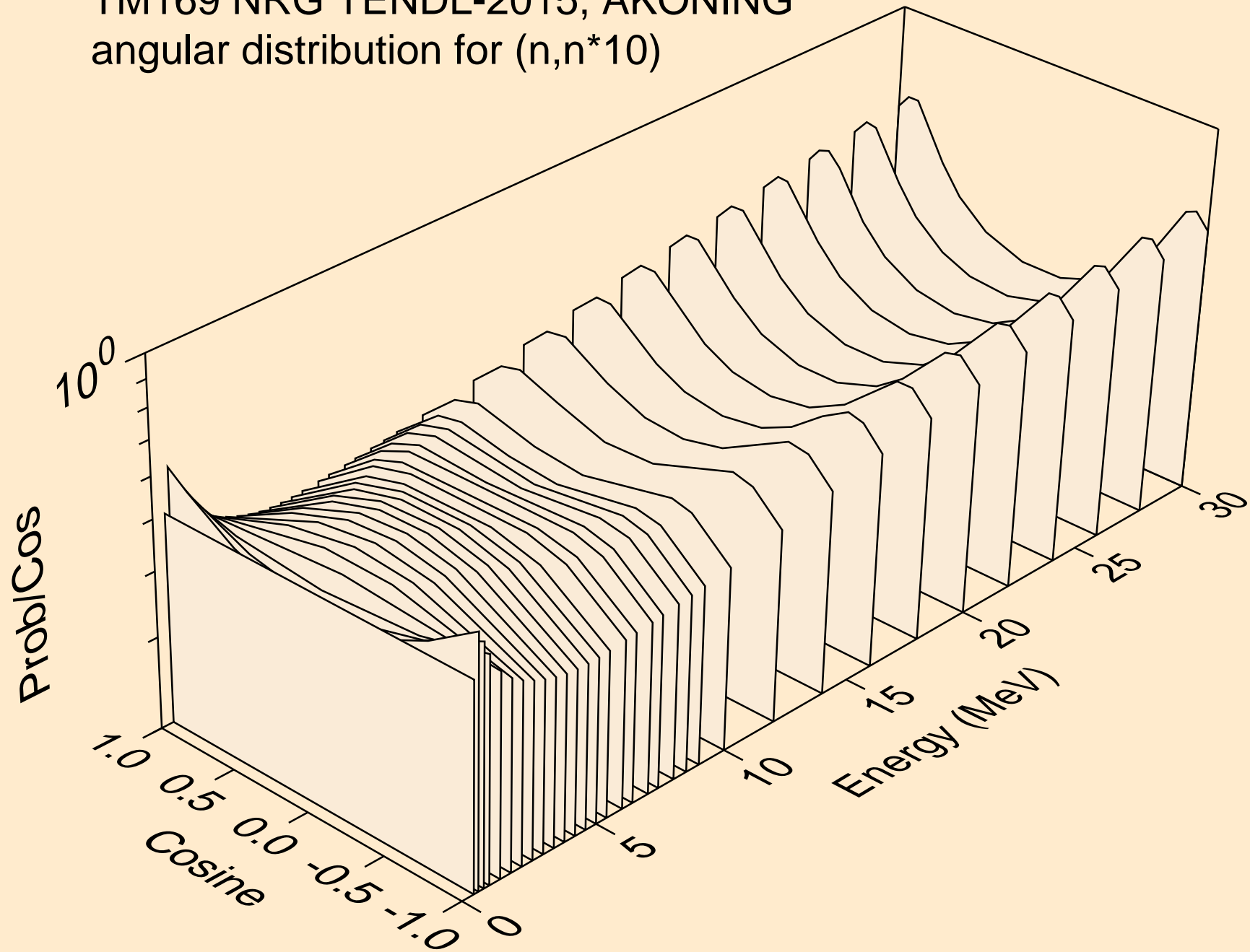
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



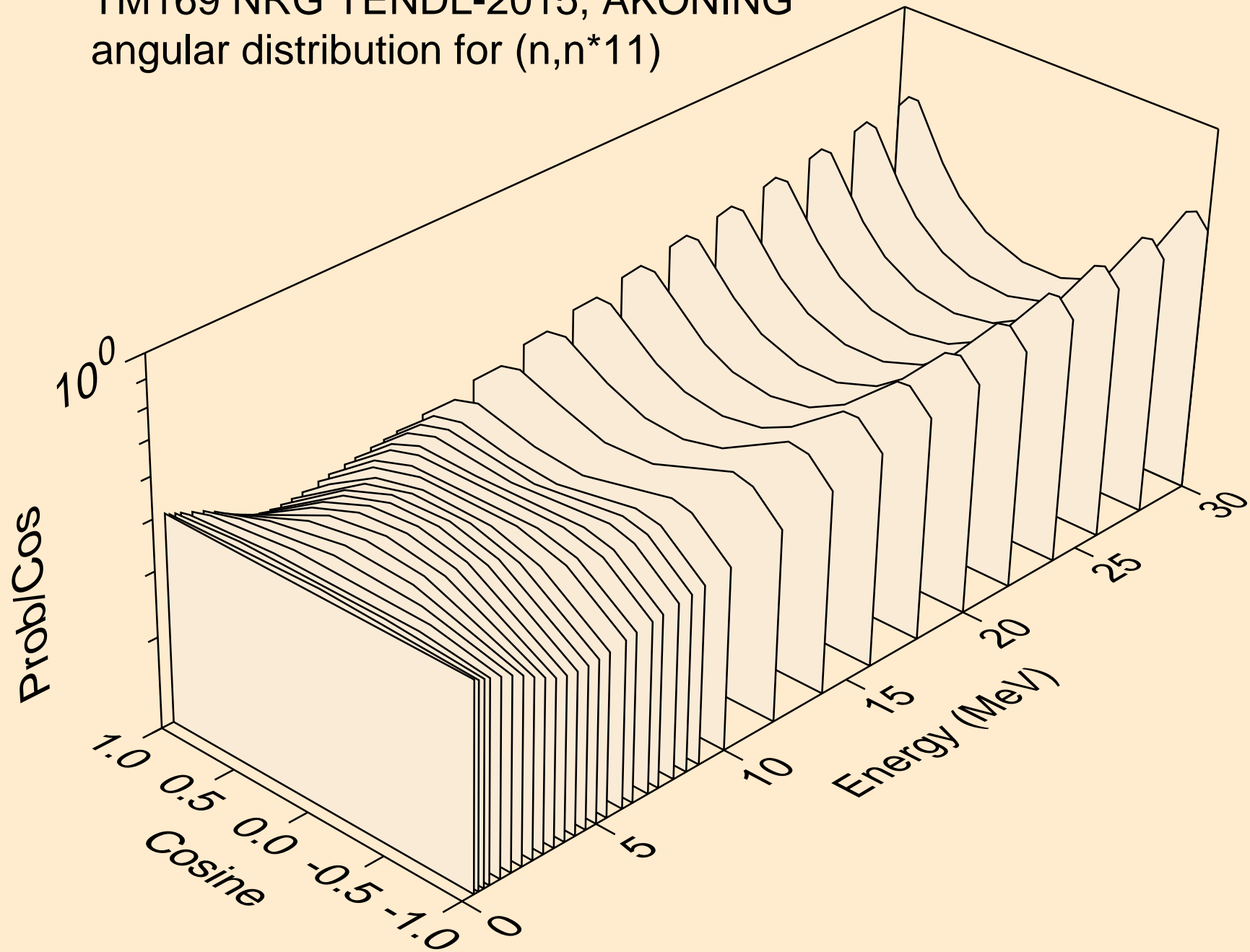
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



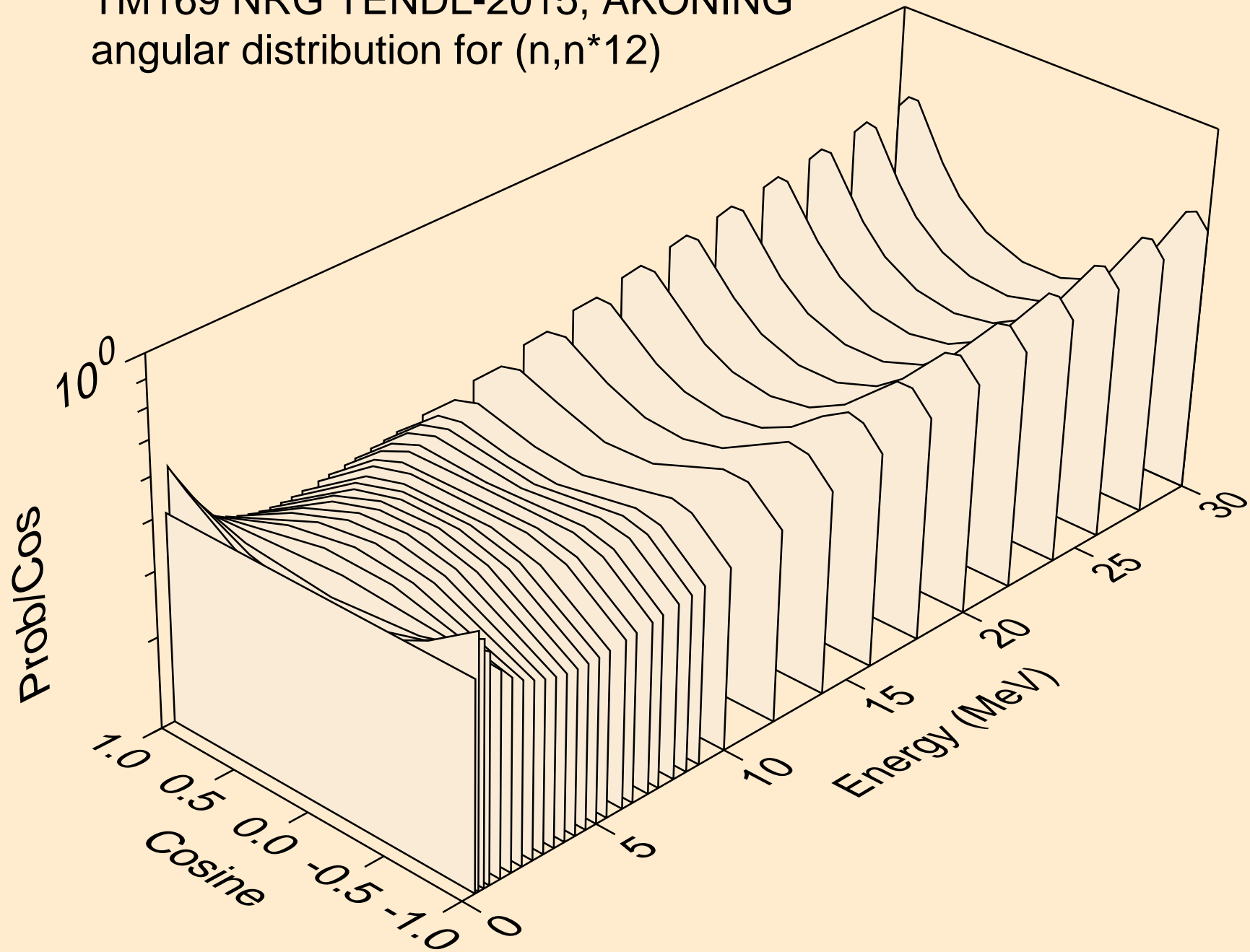
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



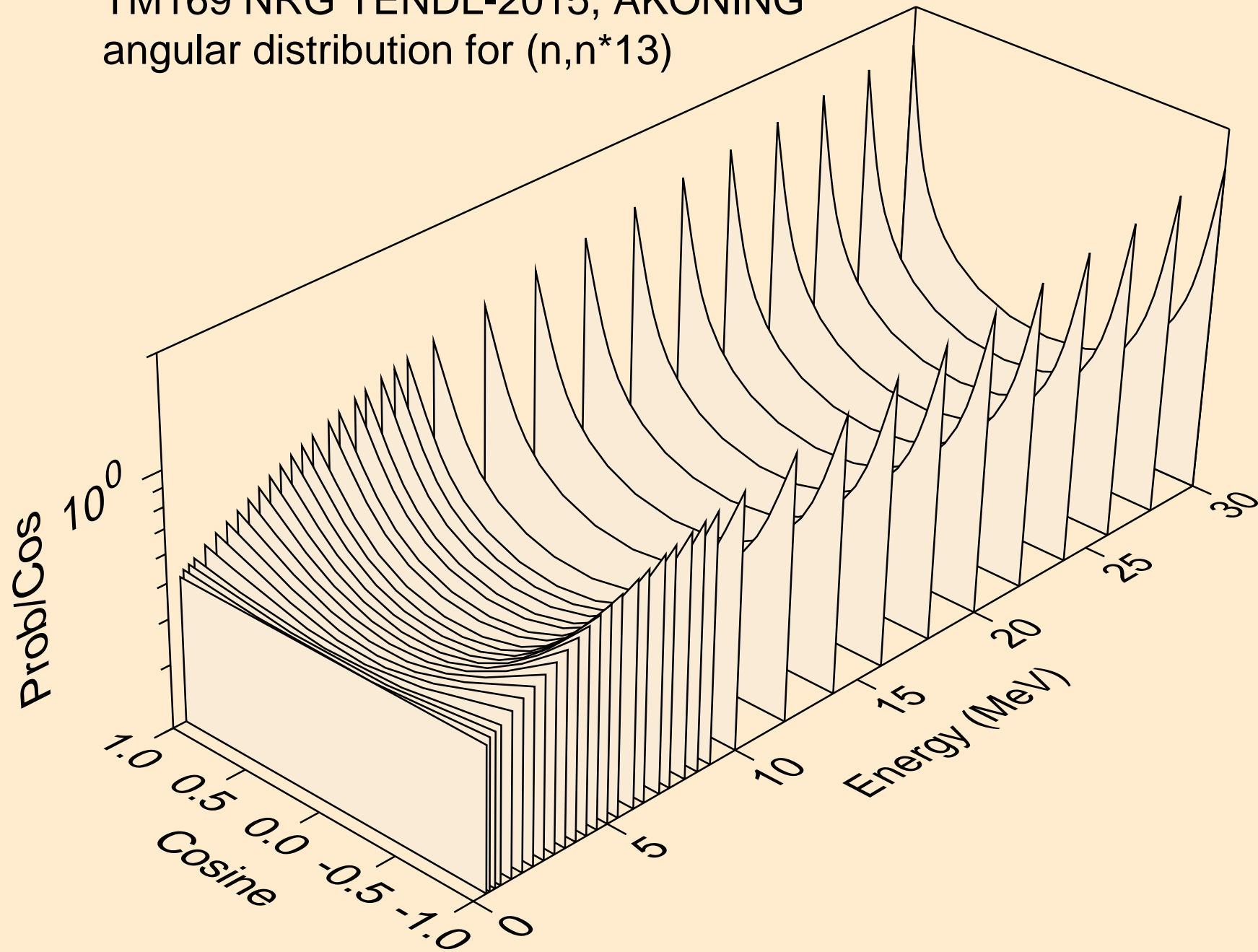
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

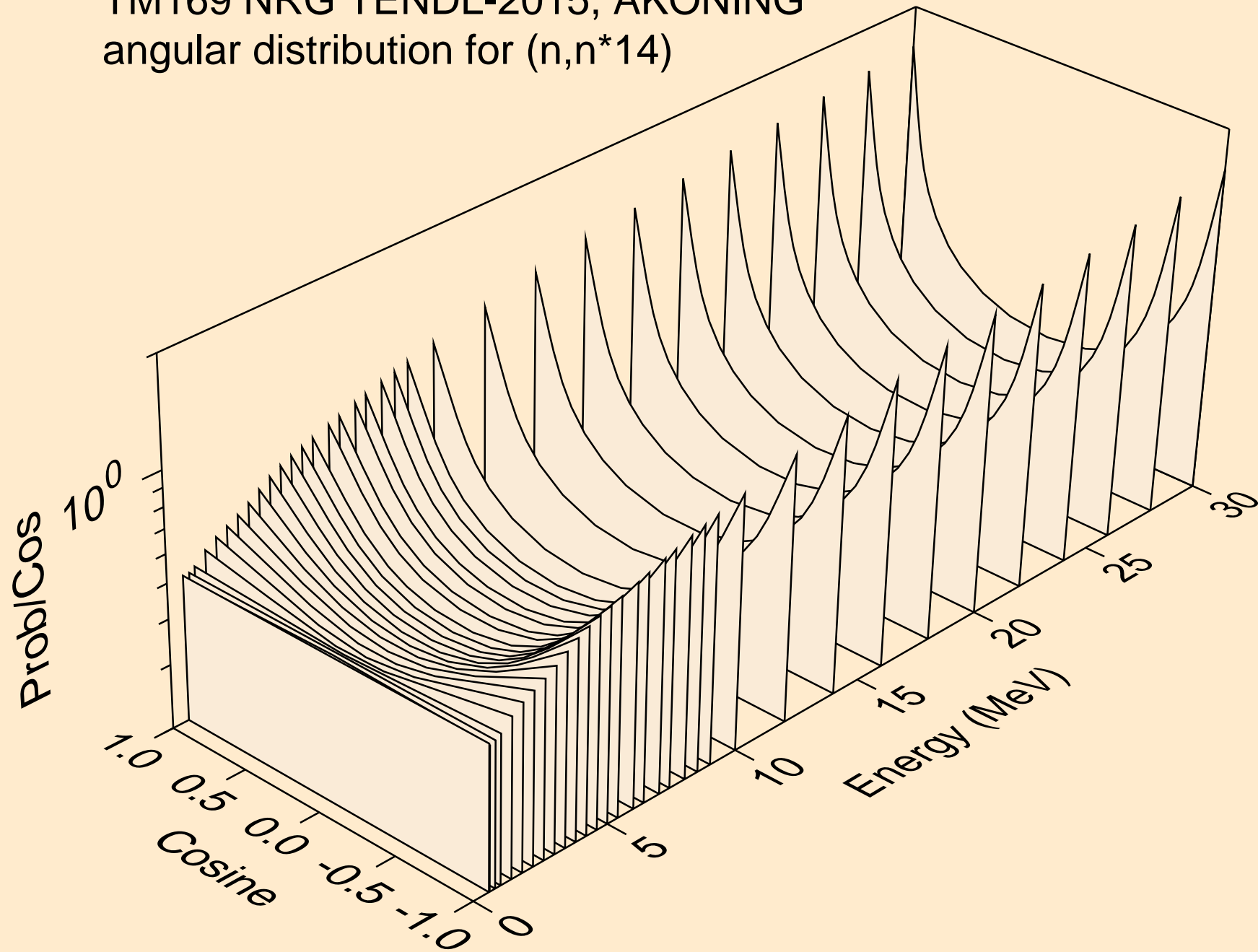


TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

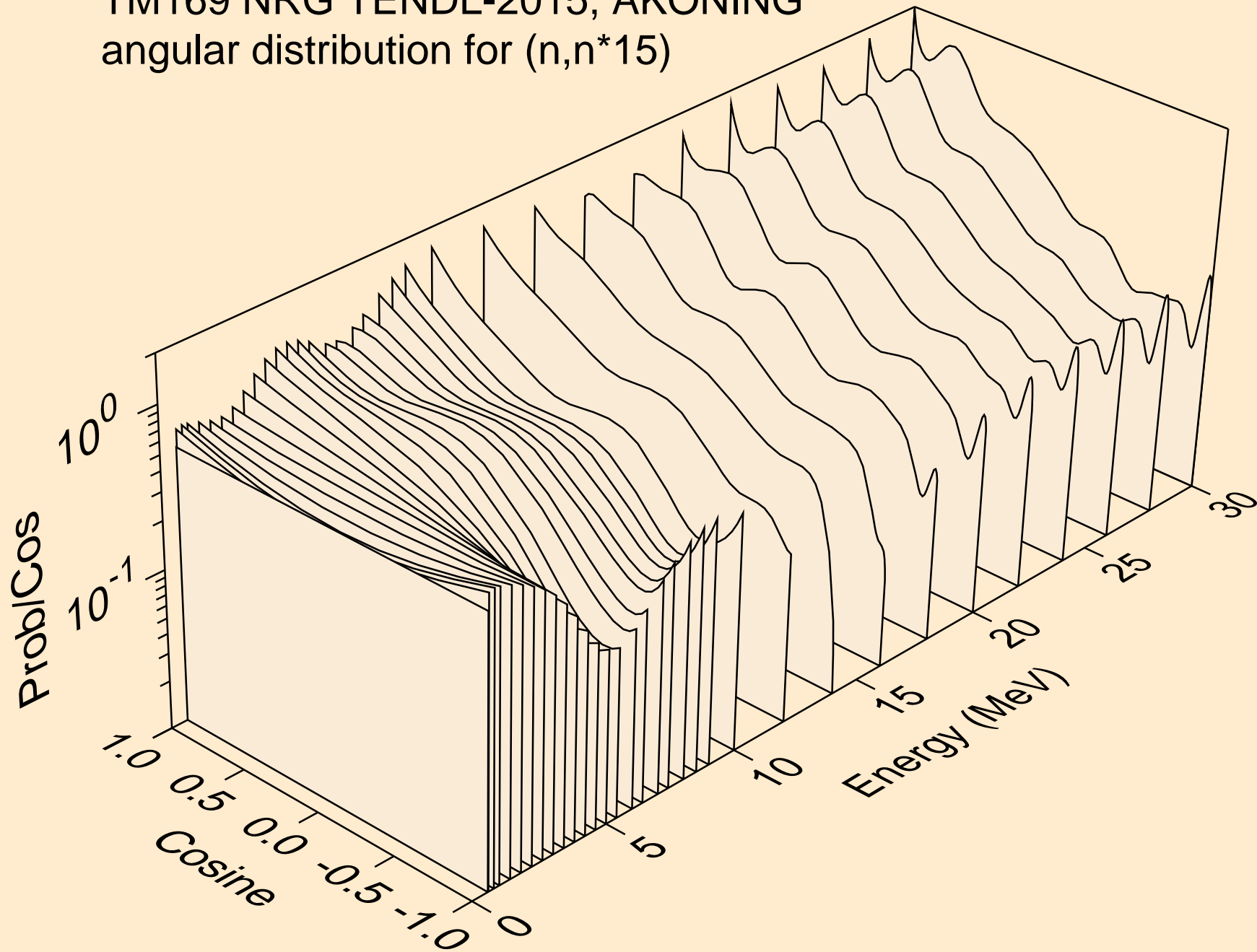




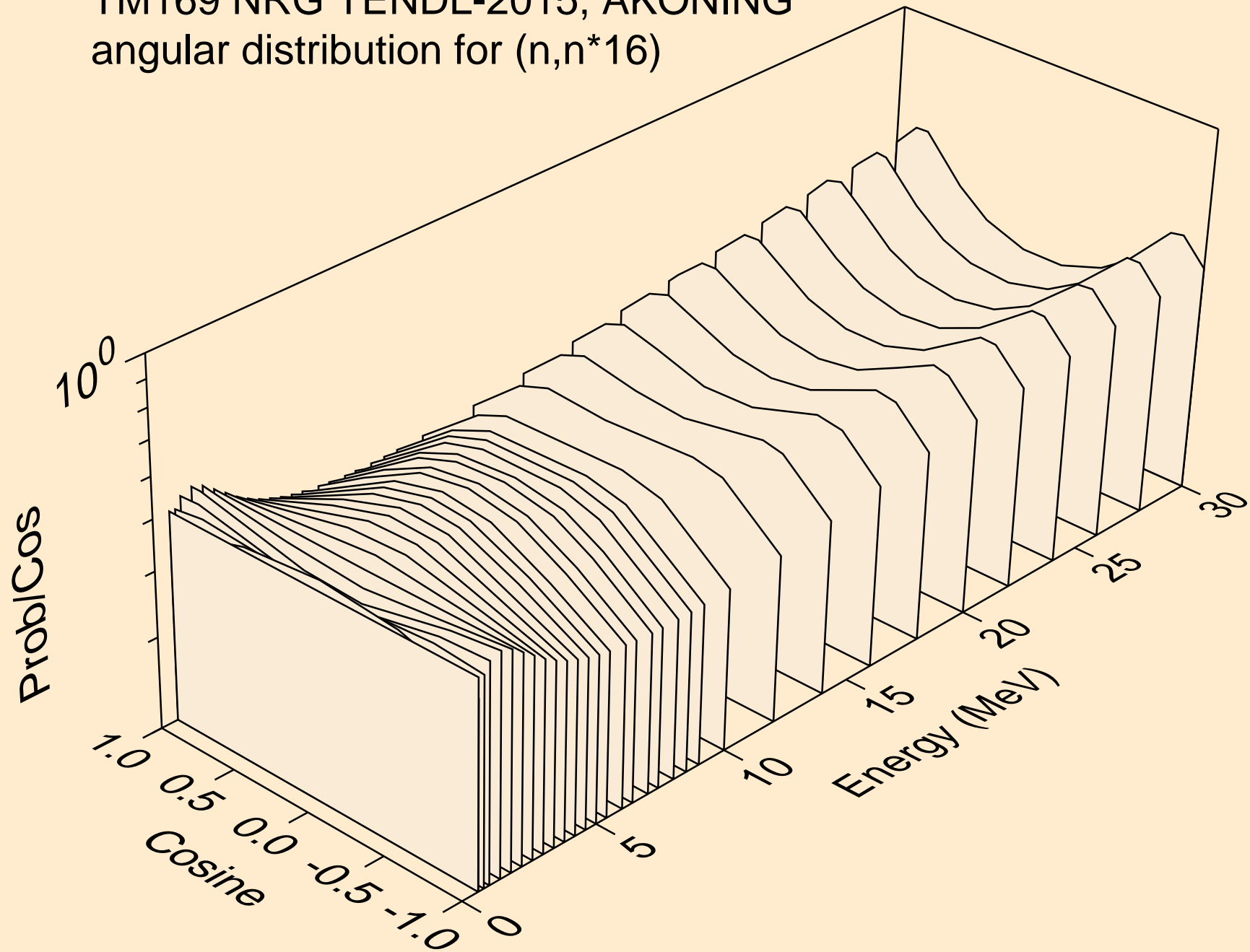
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



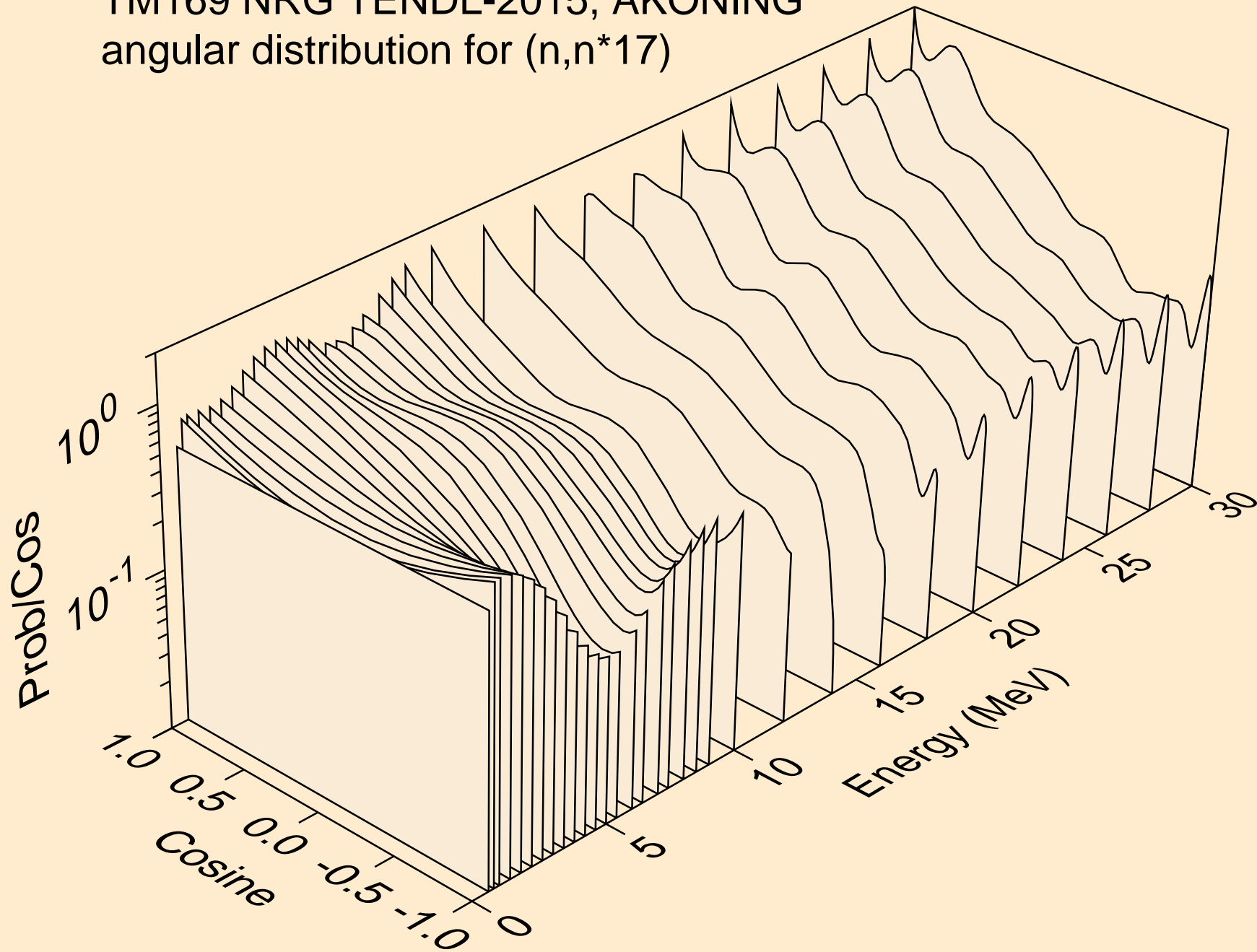
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



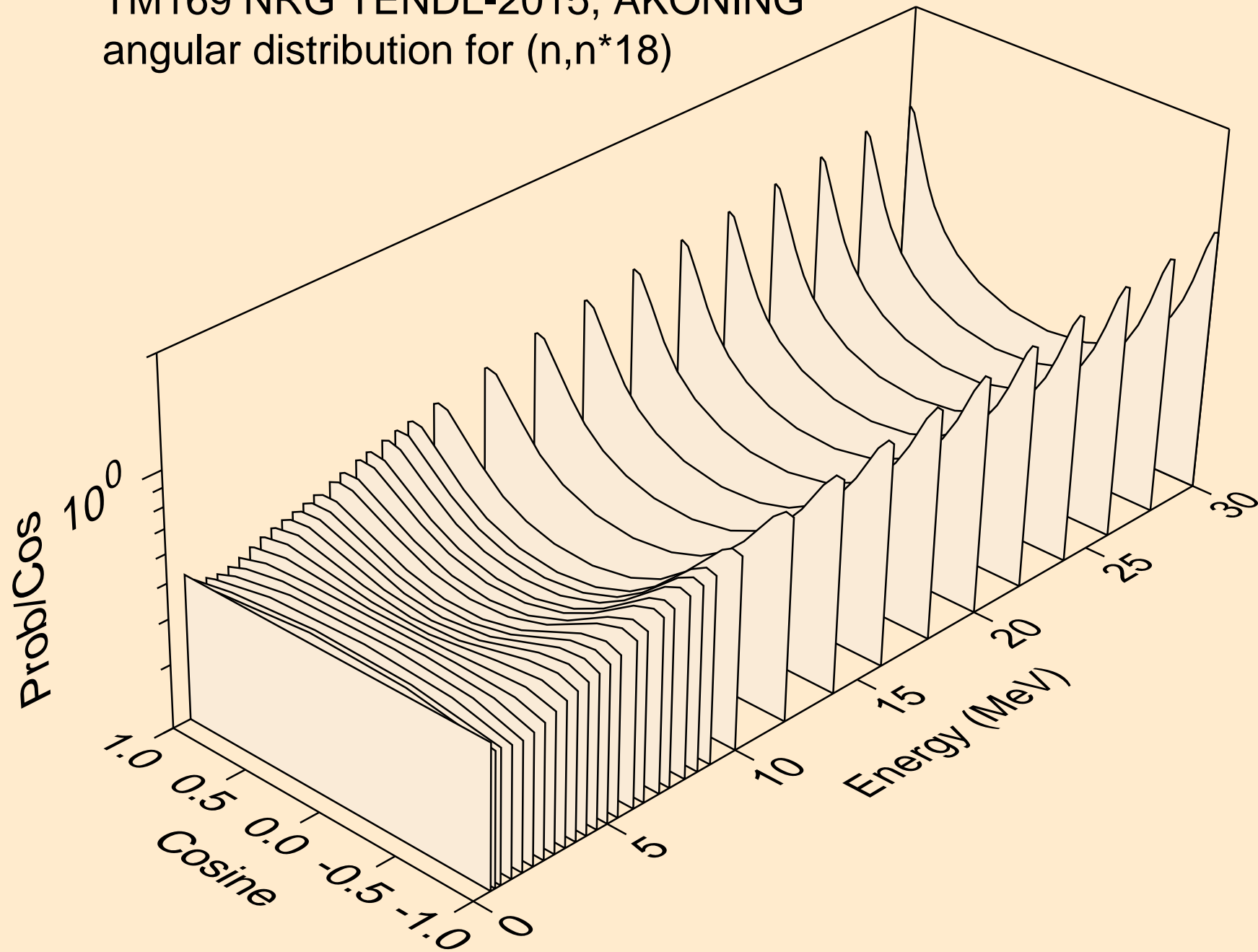
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



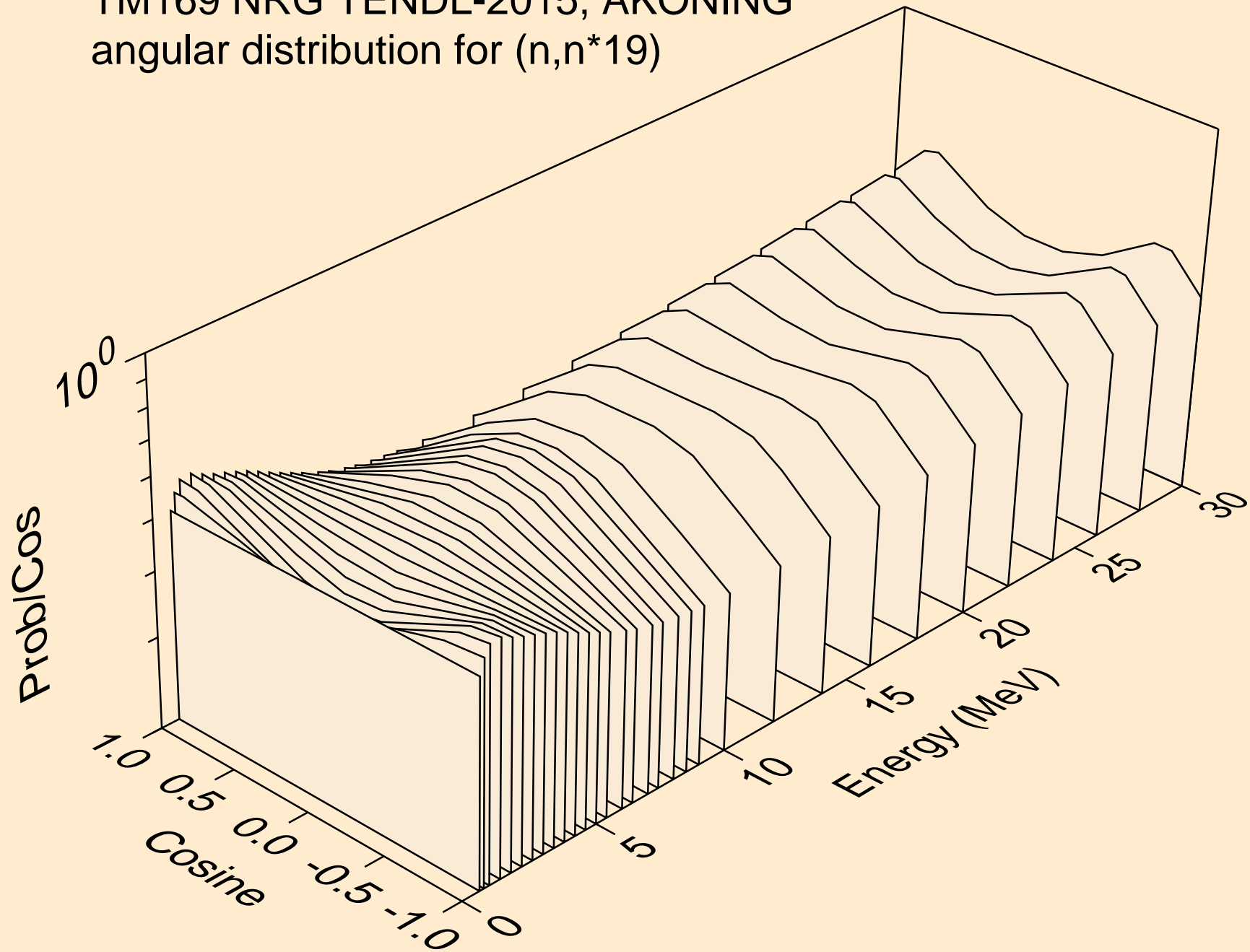
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



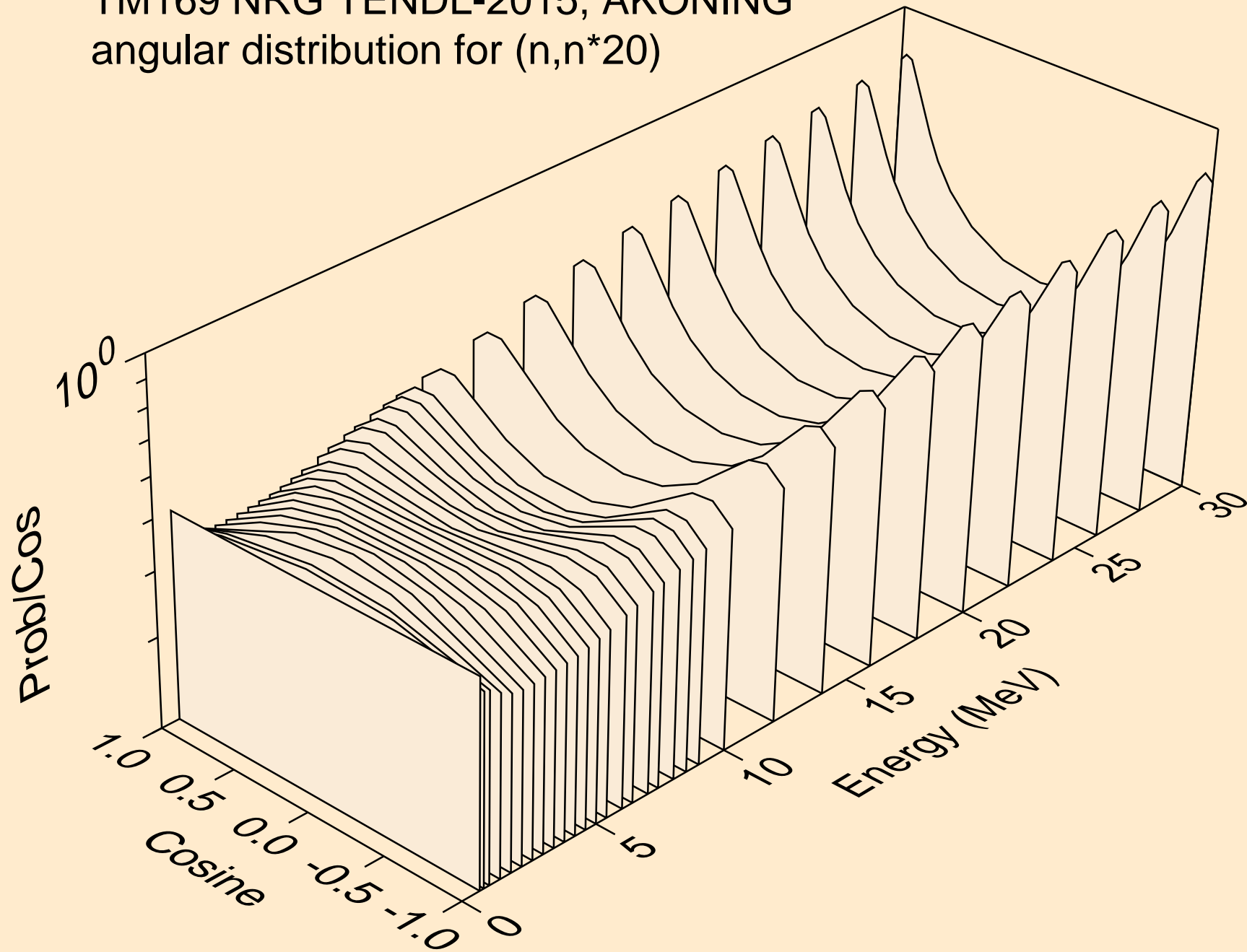
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



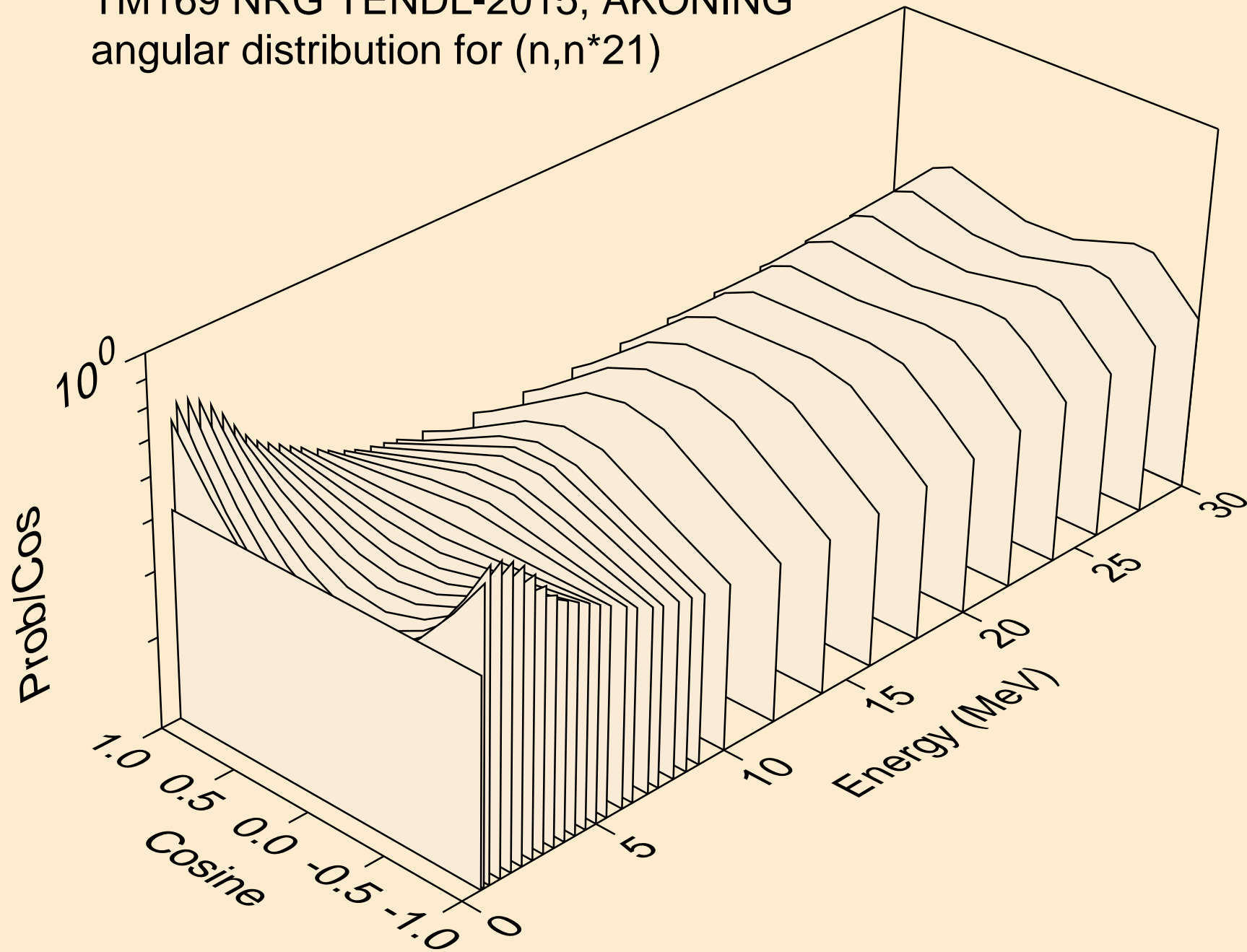
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

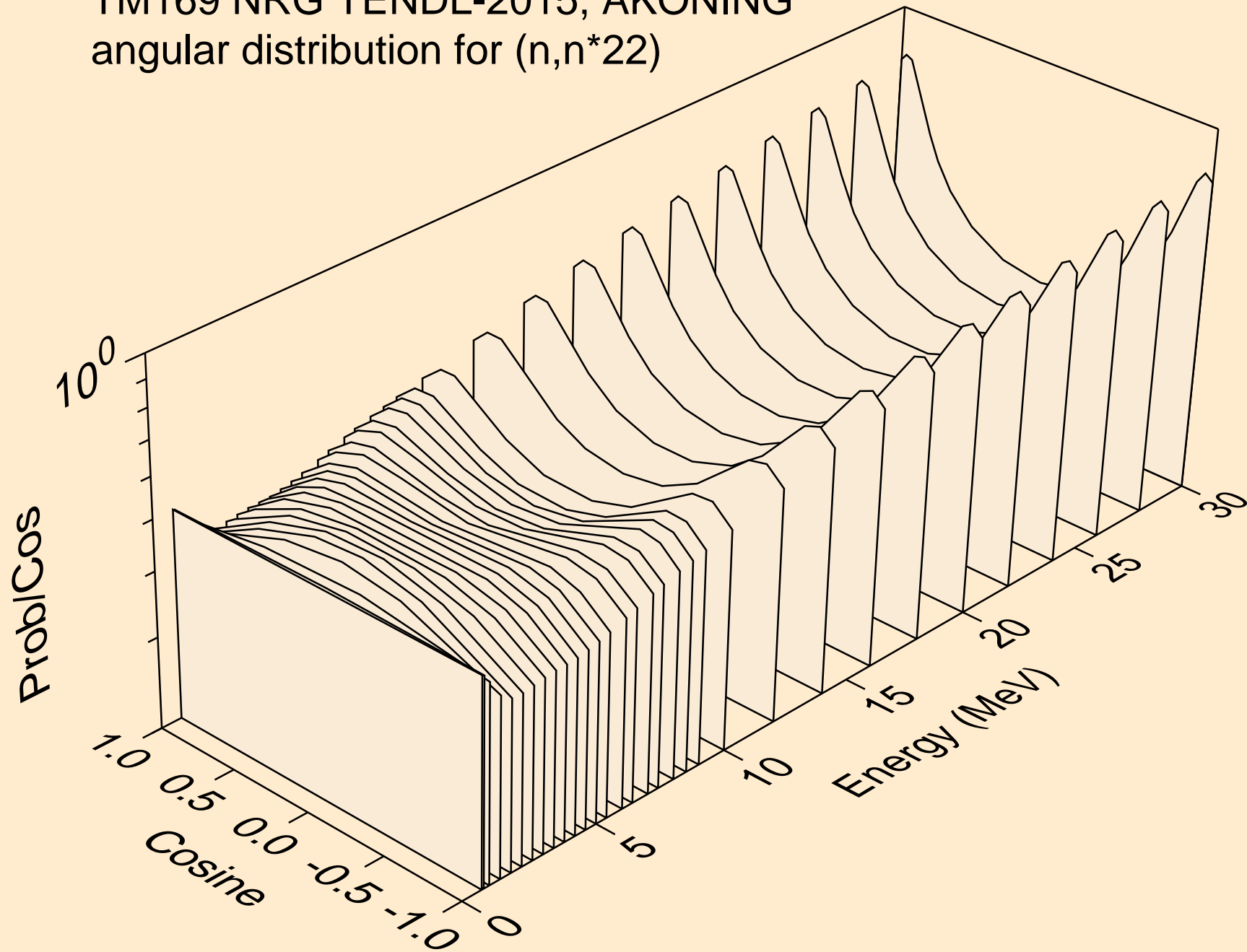


TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

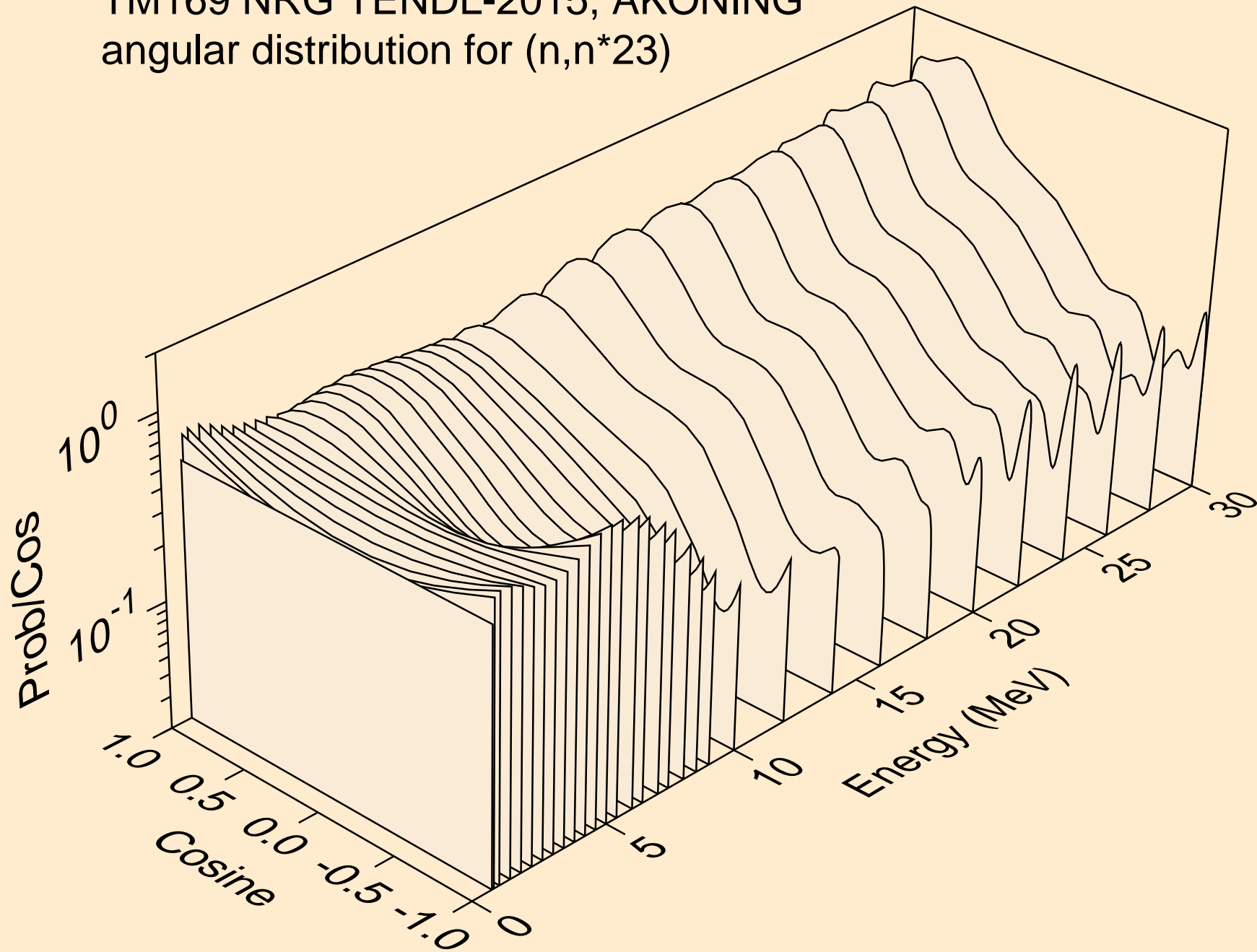




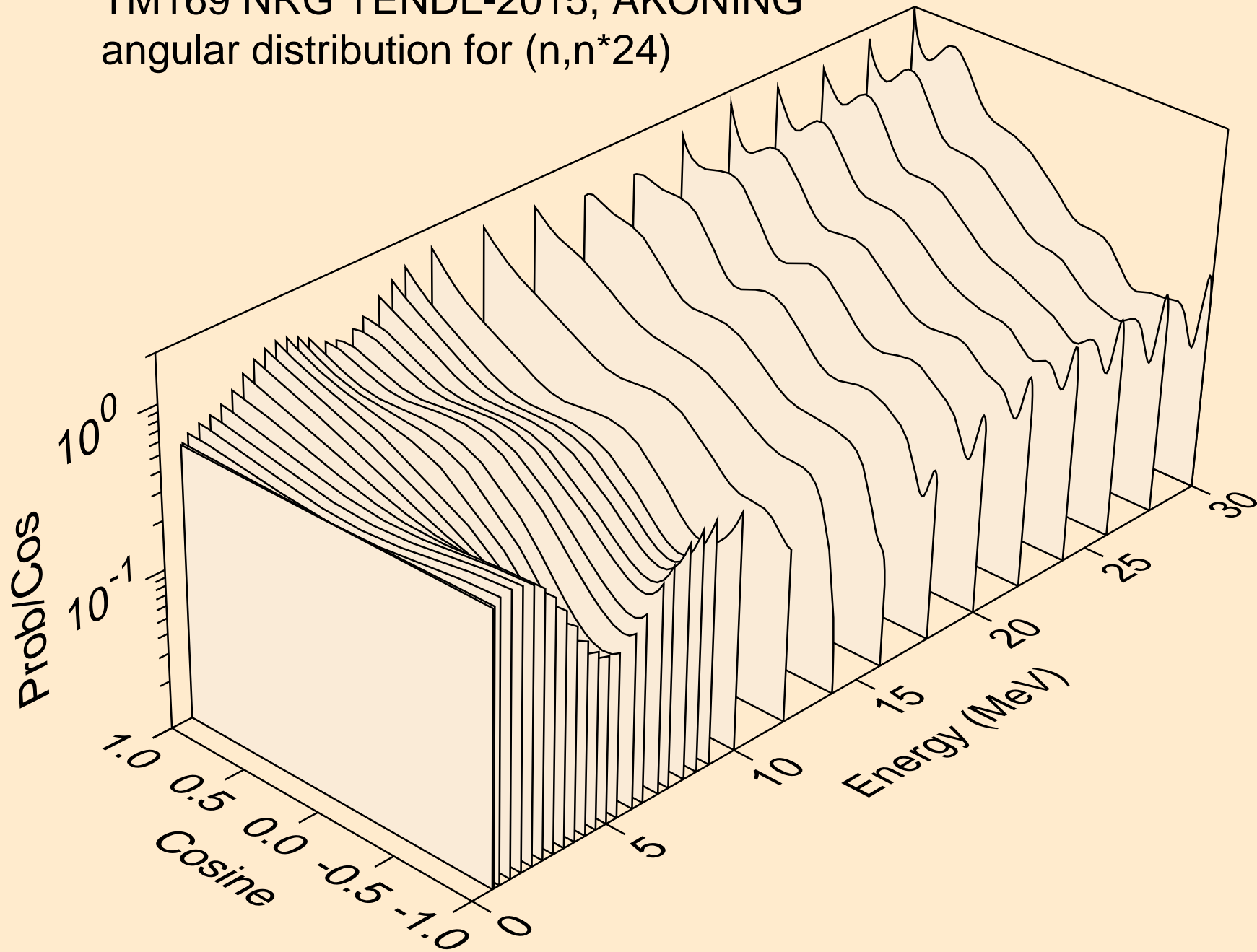
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



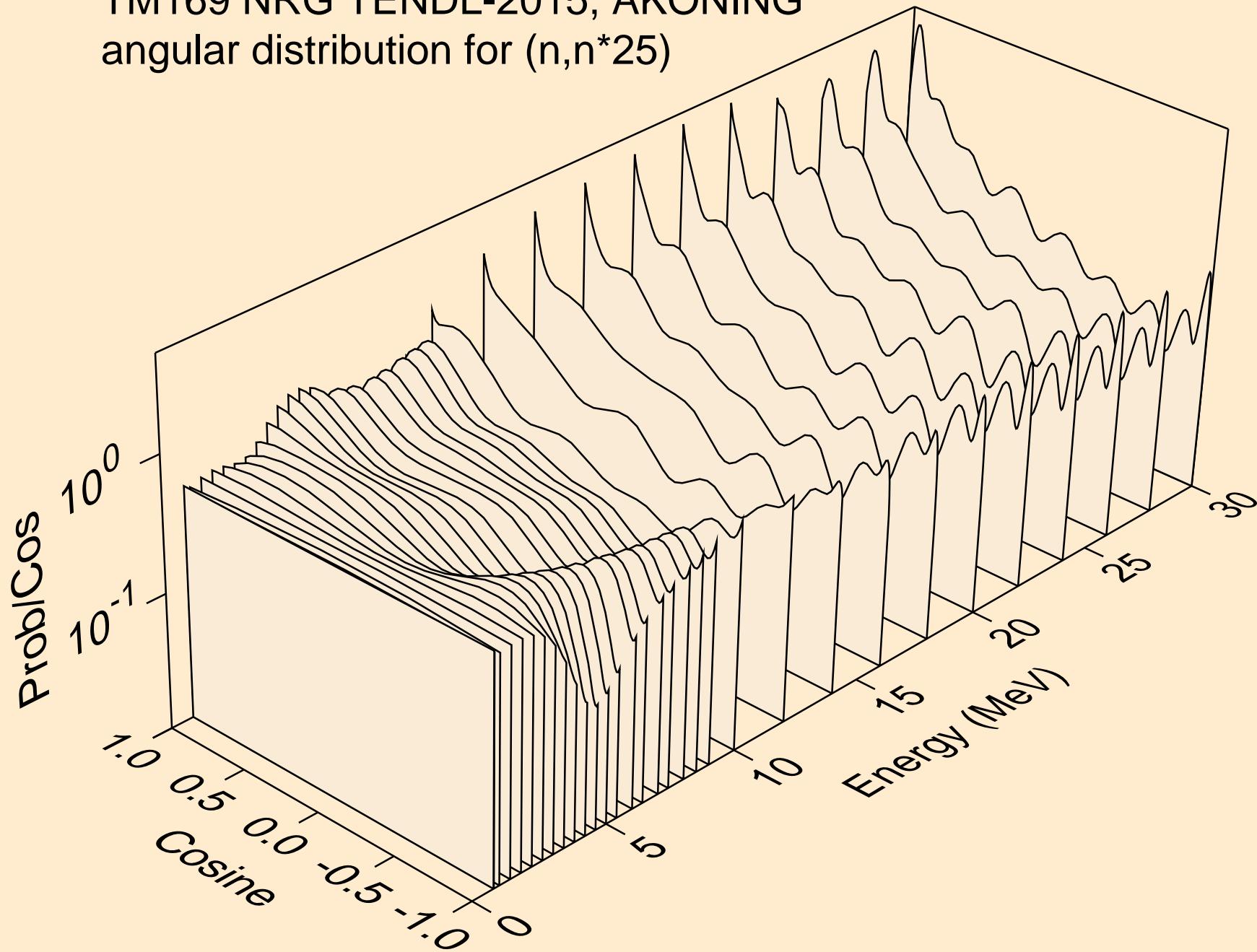
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



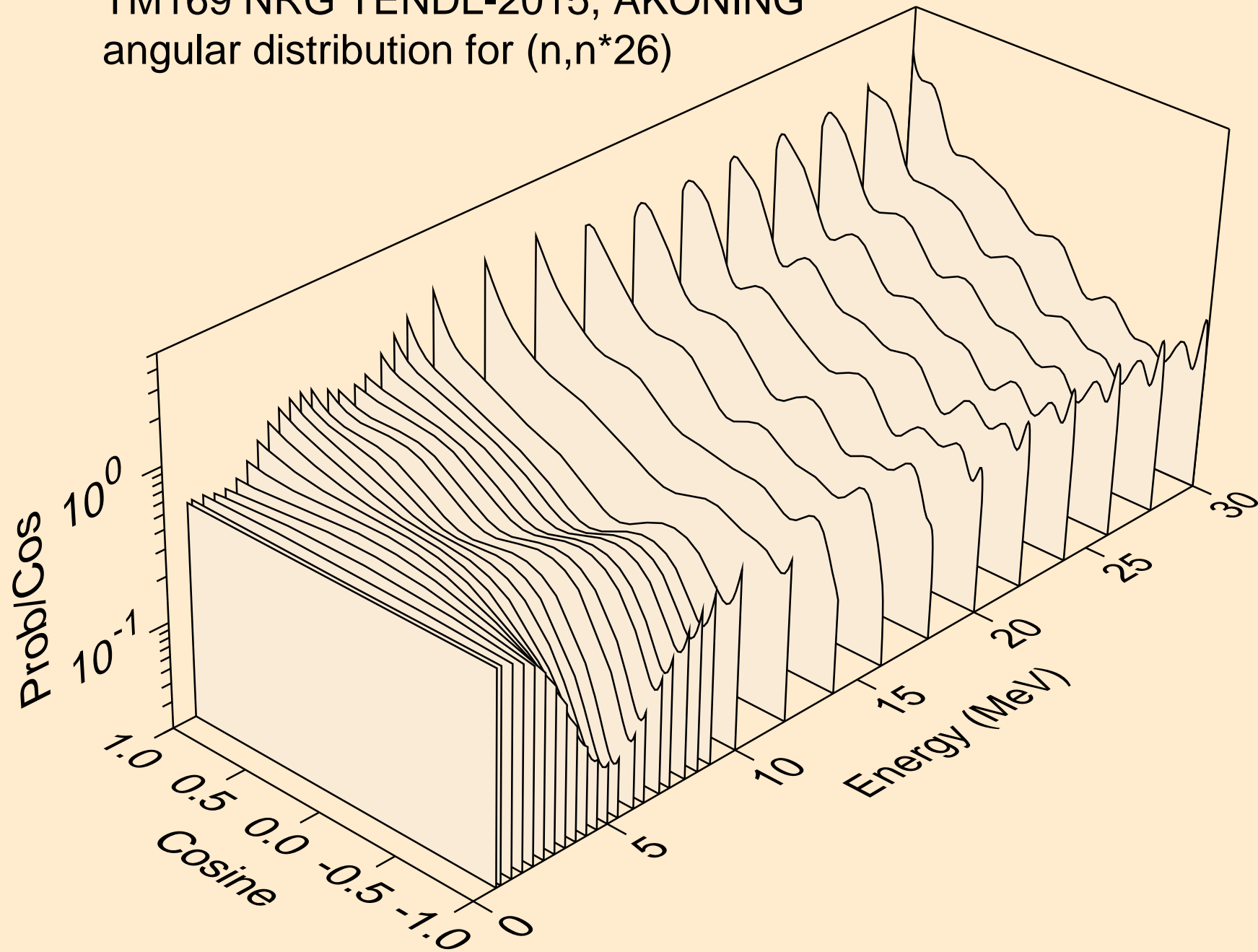
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



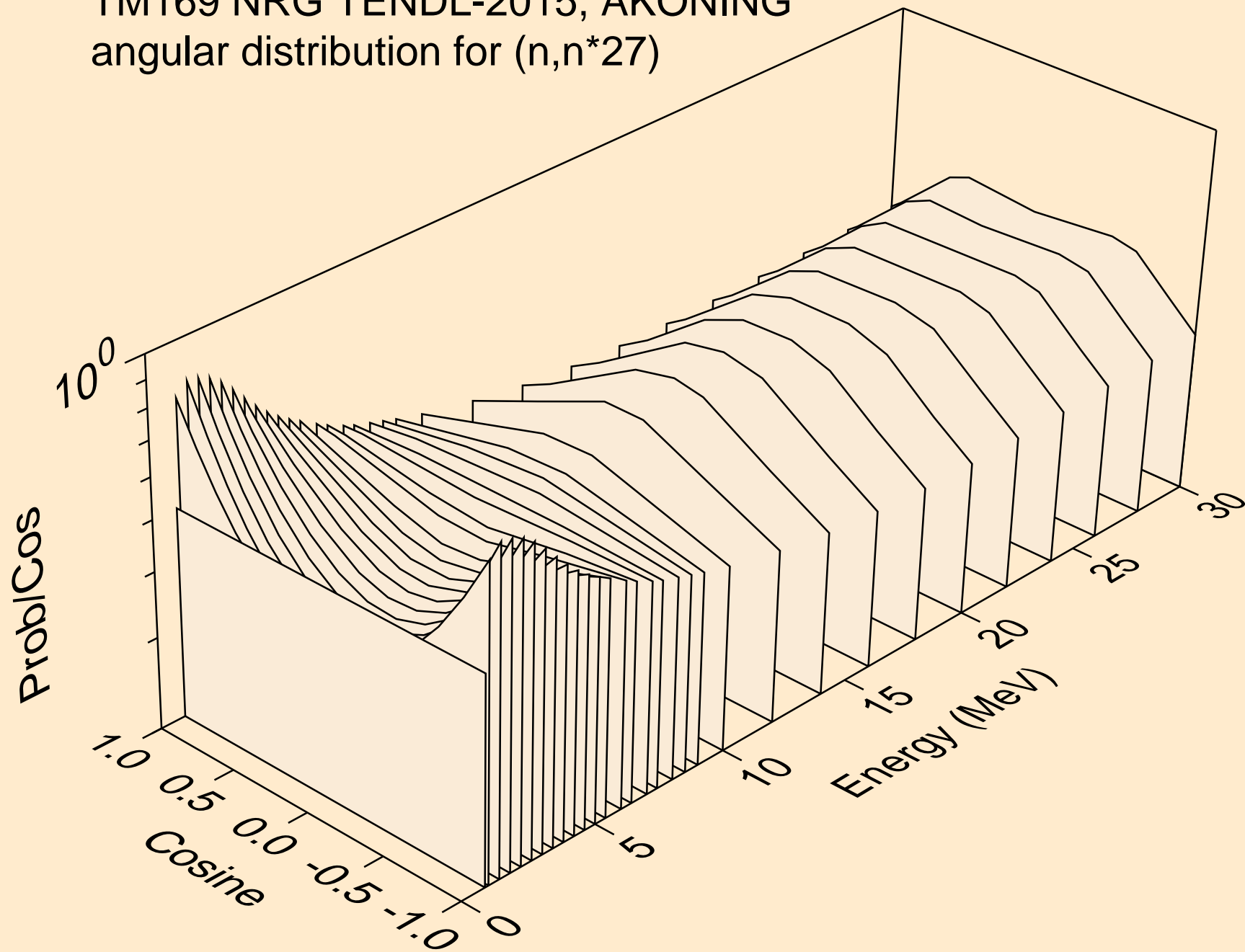
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



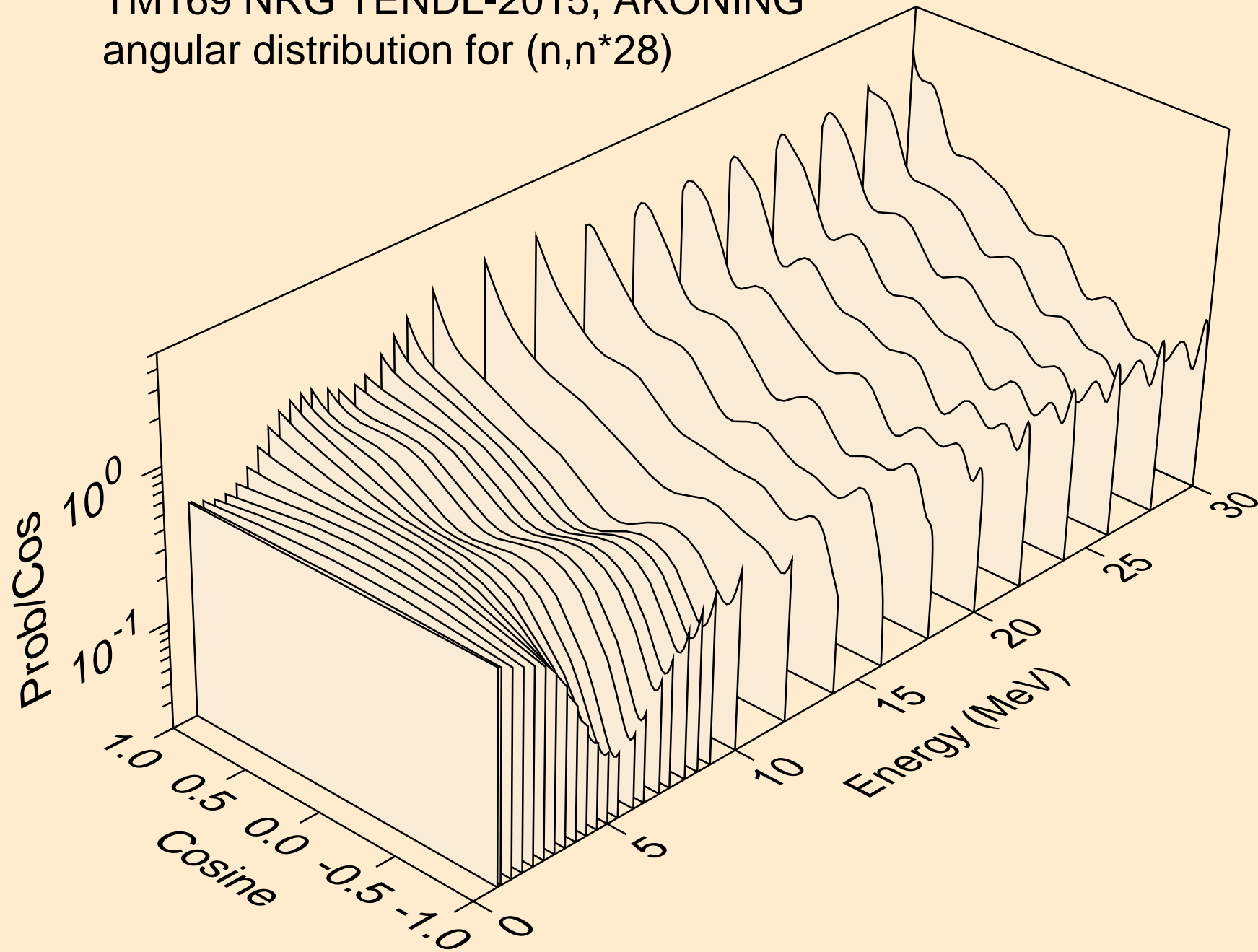
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



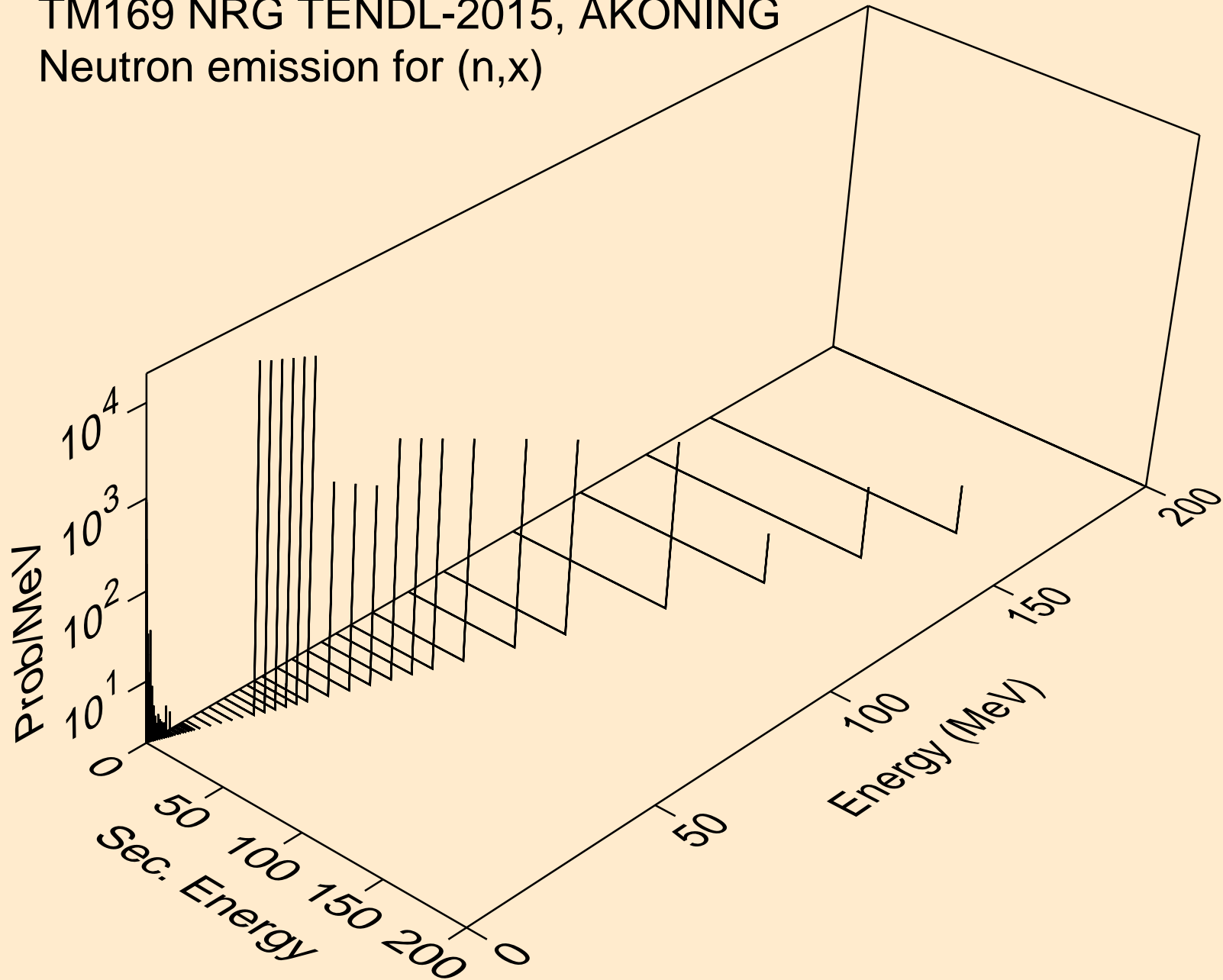
TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



TM169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

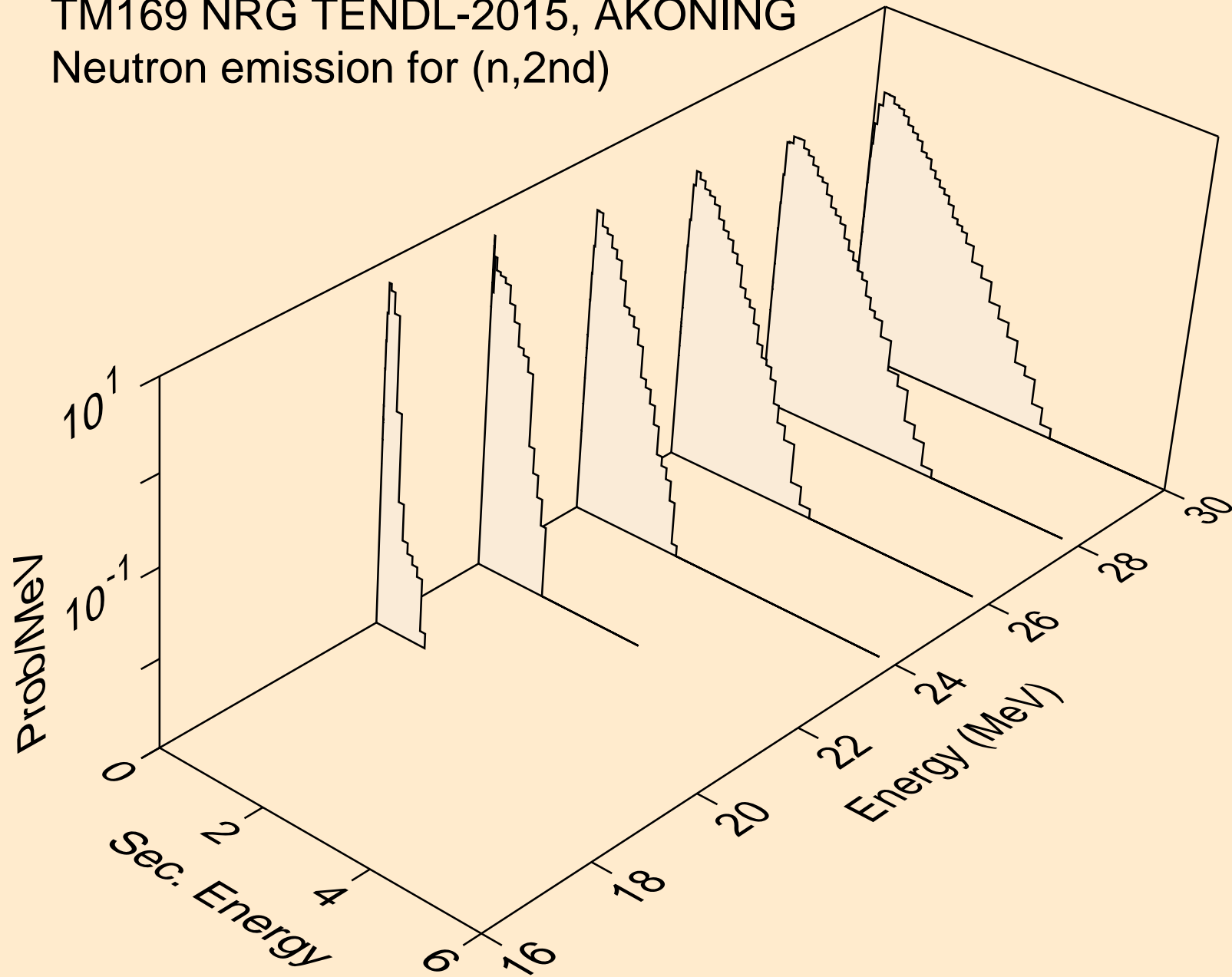


TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

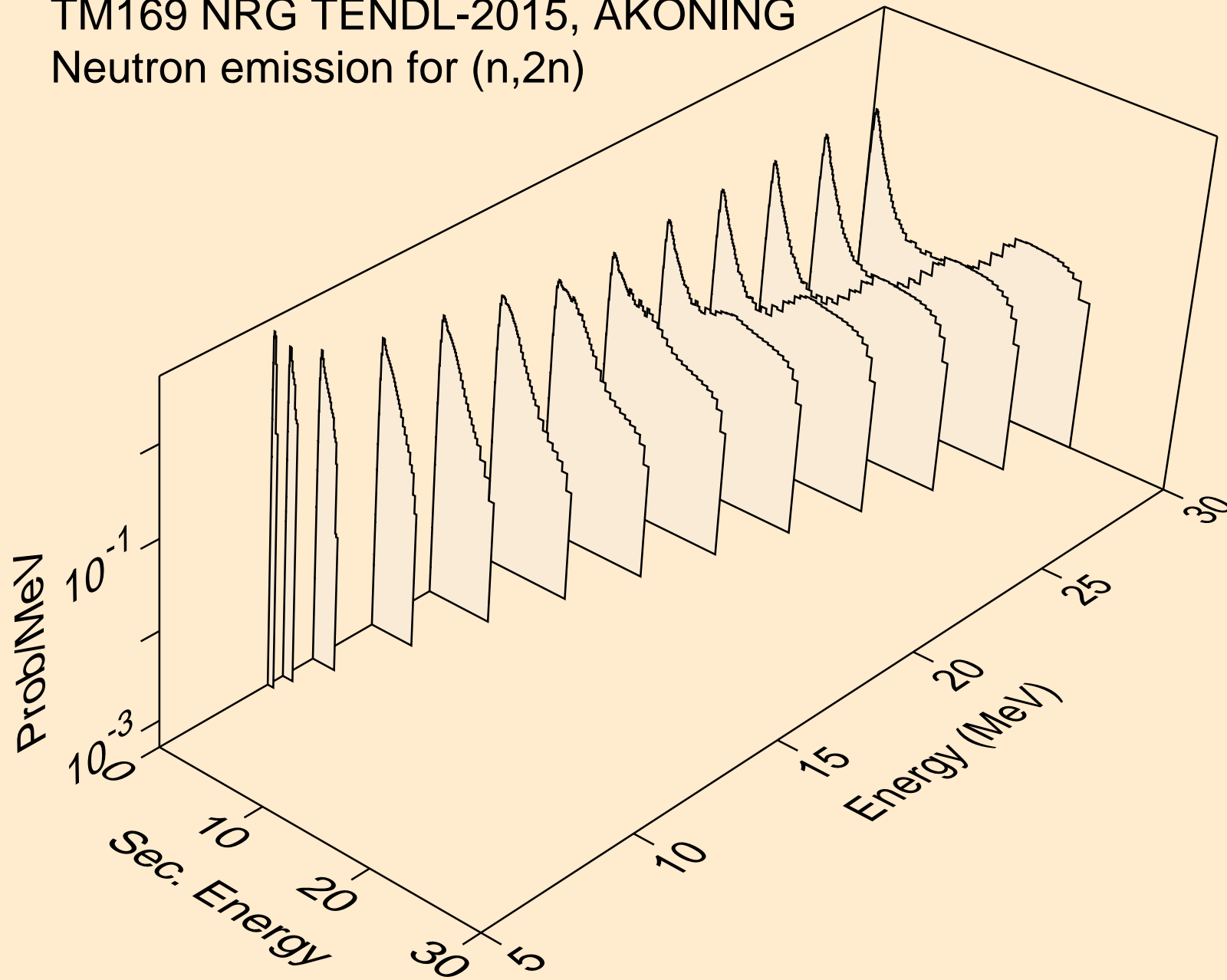




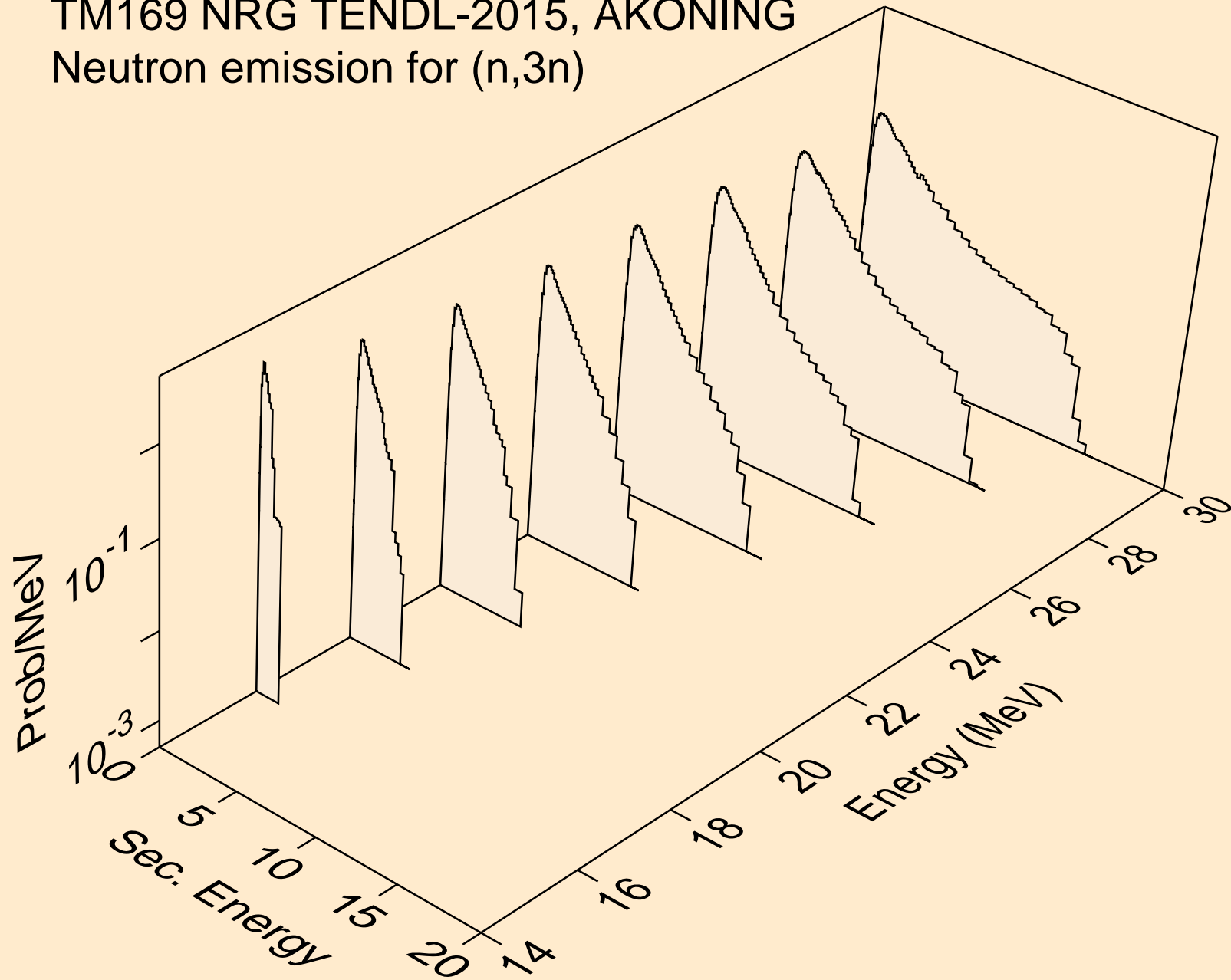
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



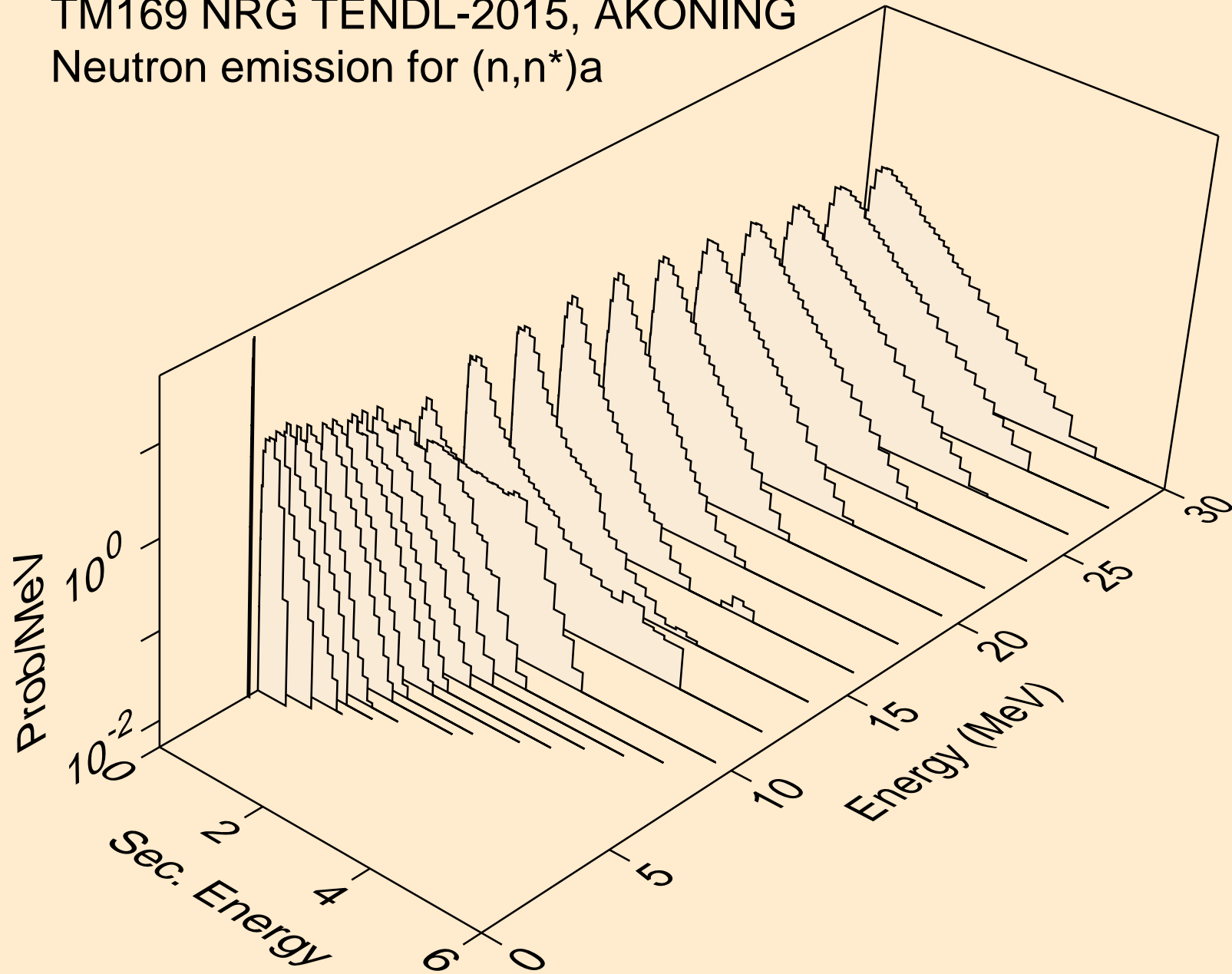
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



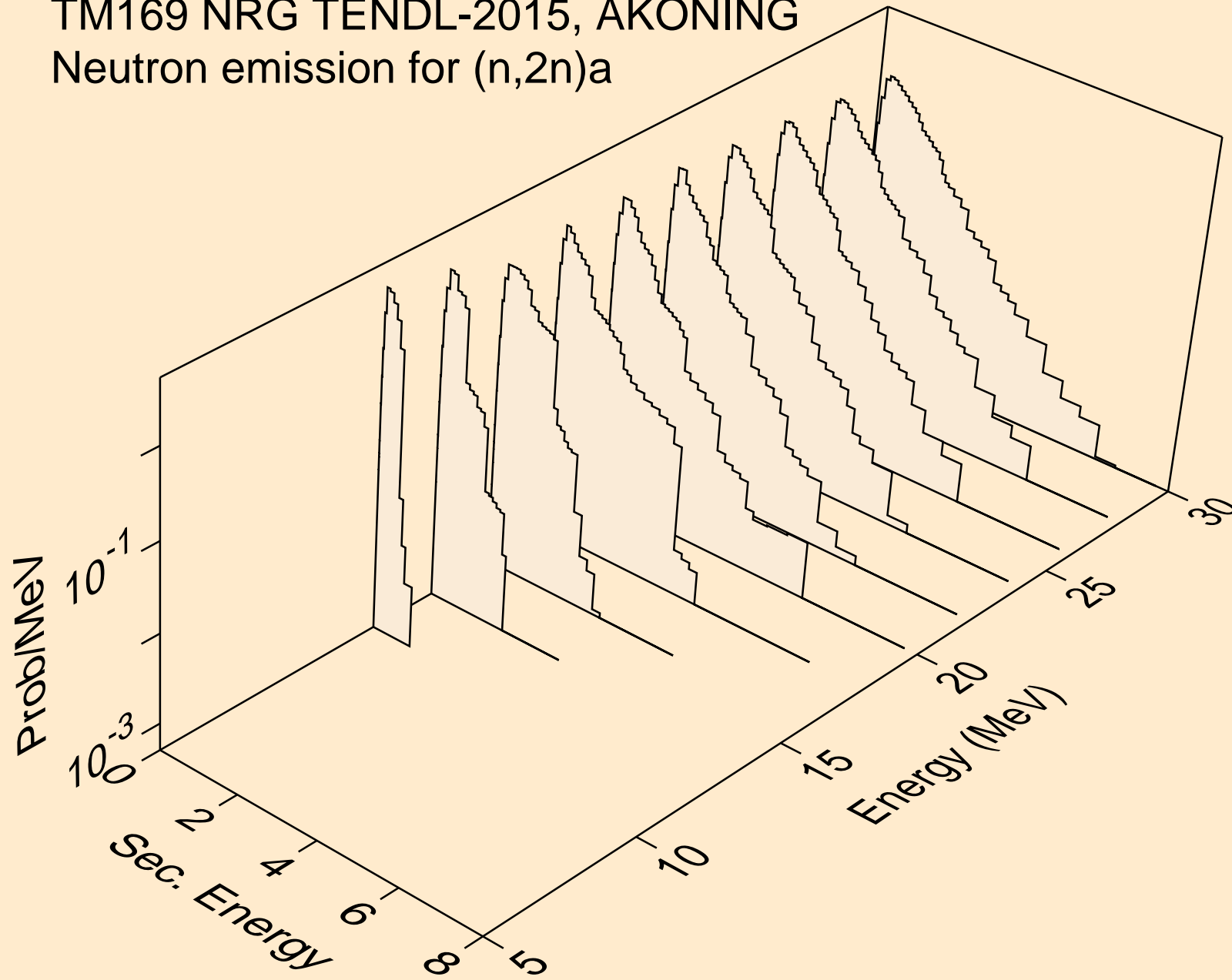
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



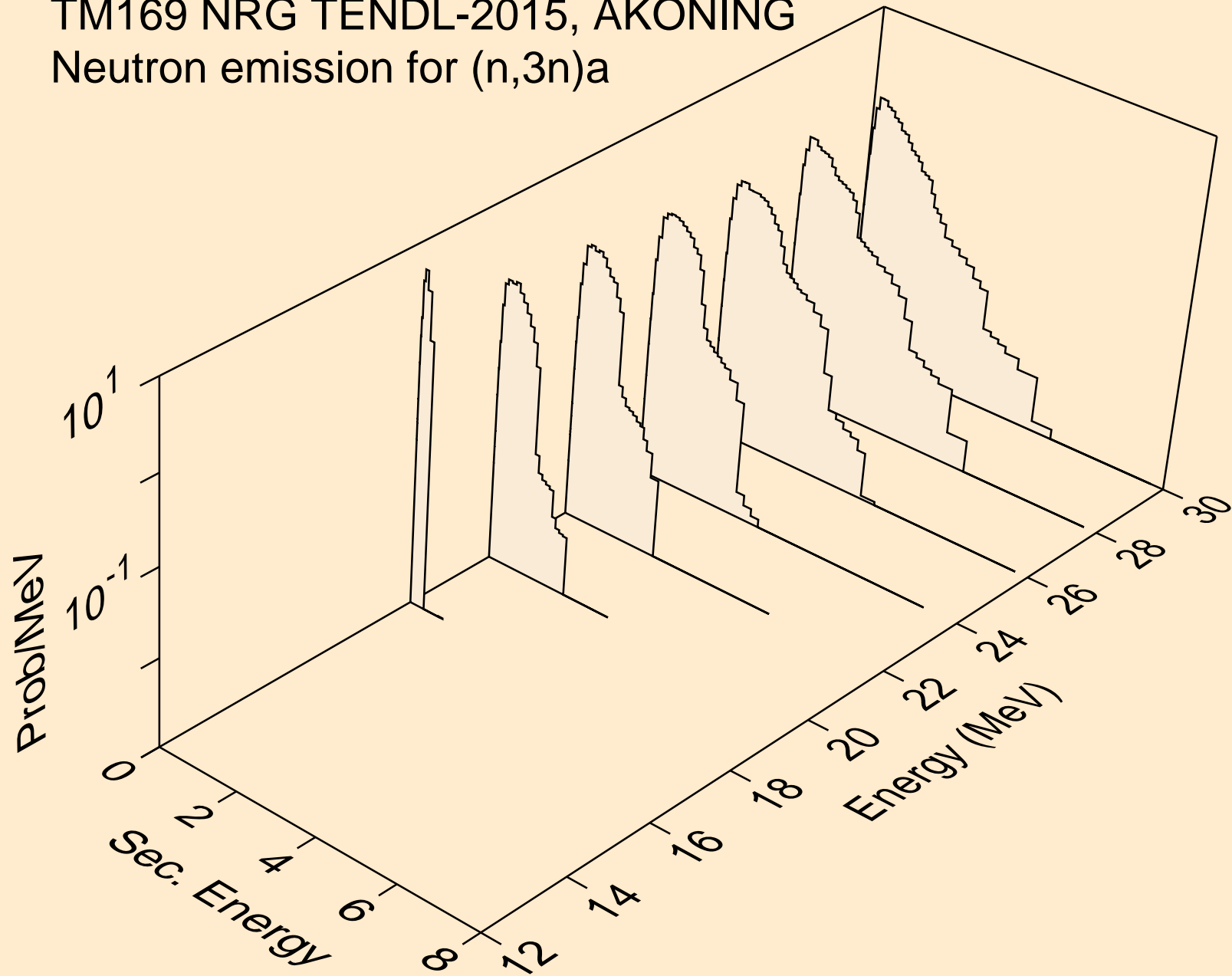
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



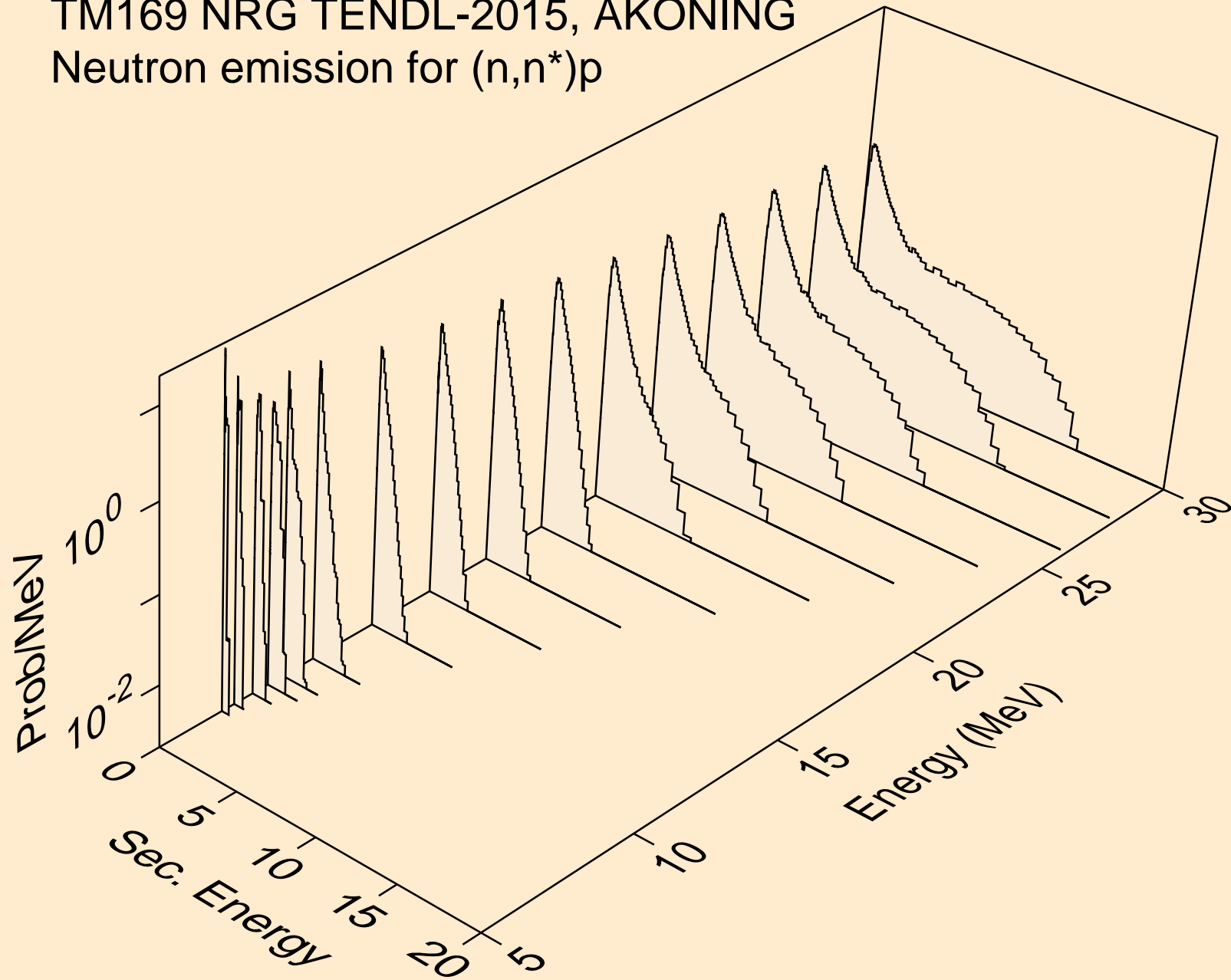
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



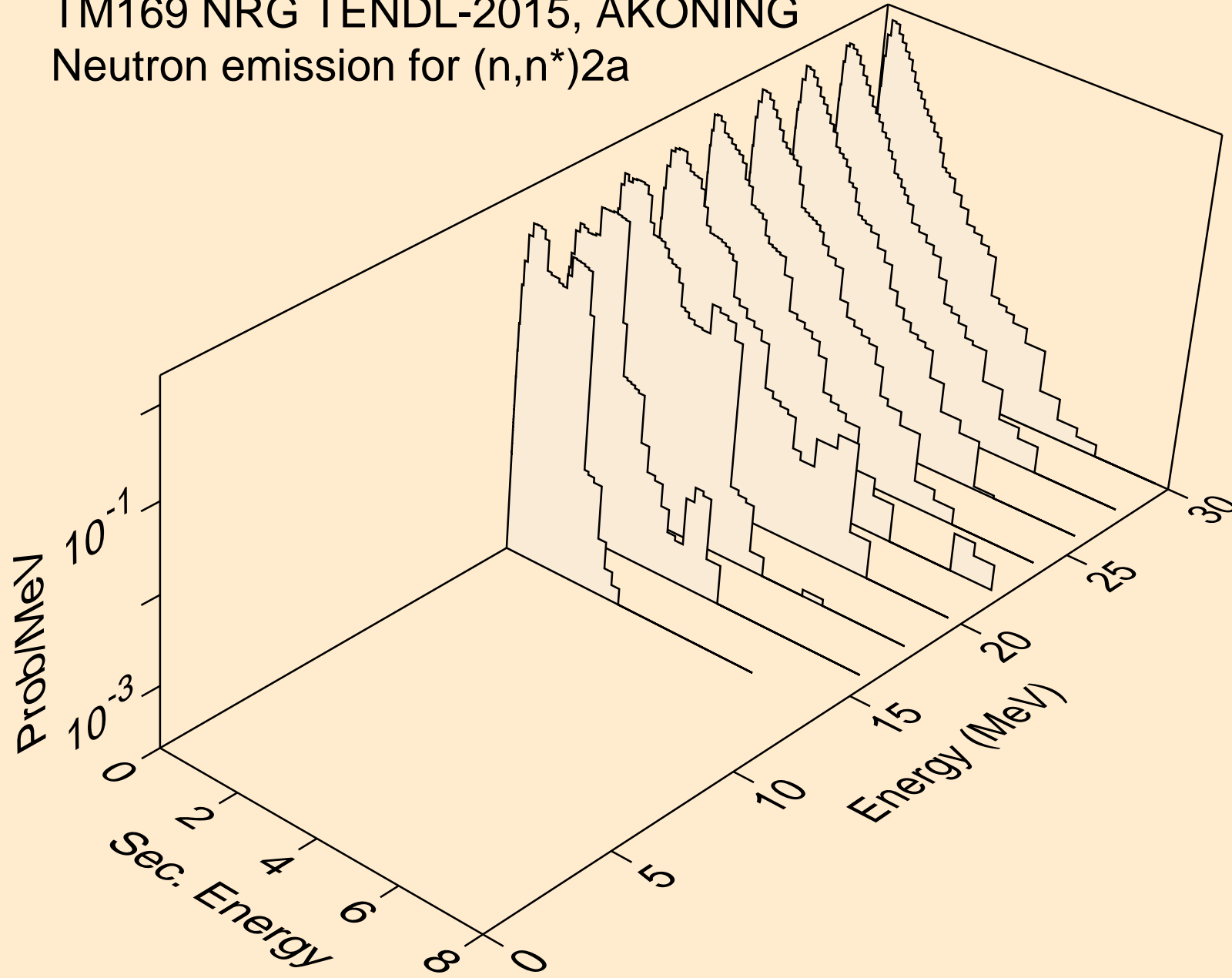
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

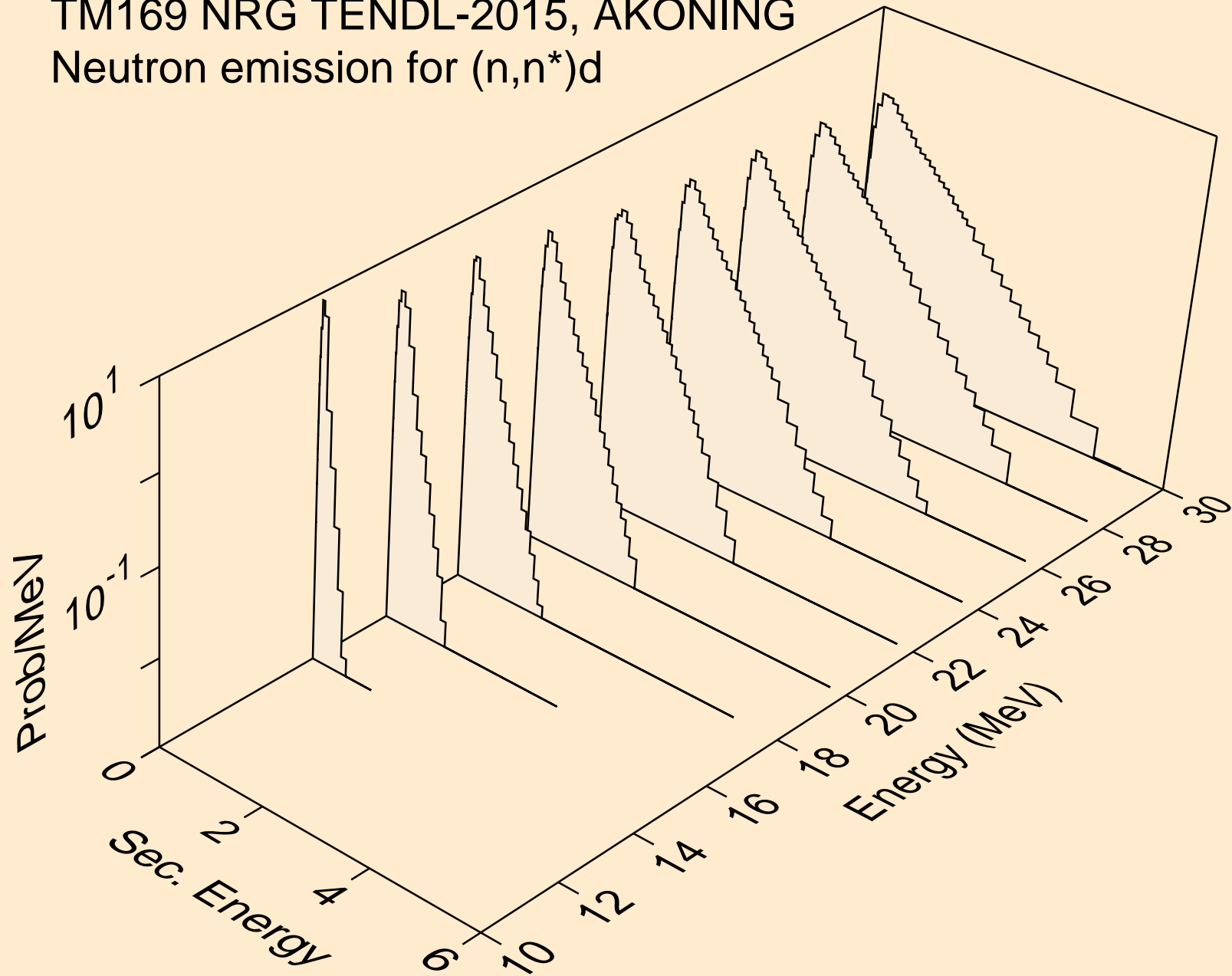


TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

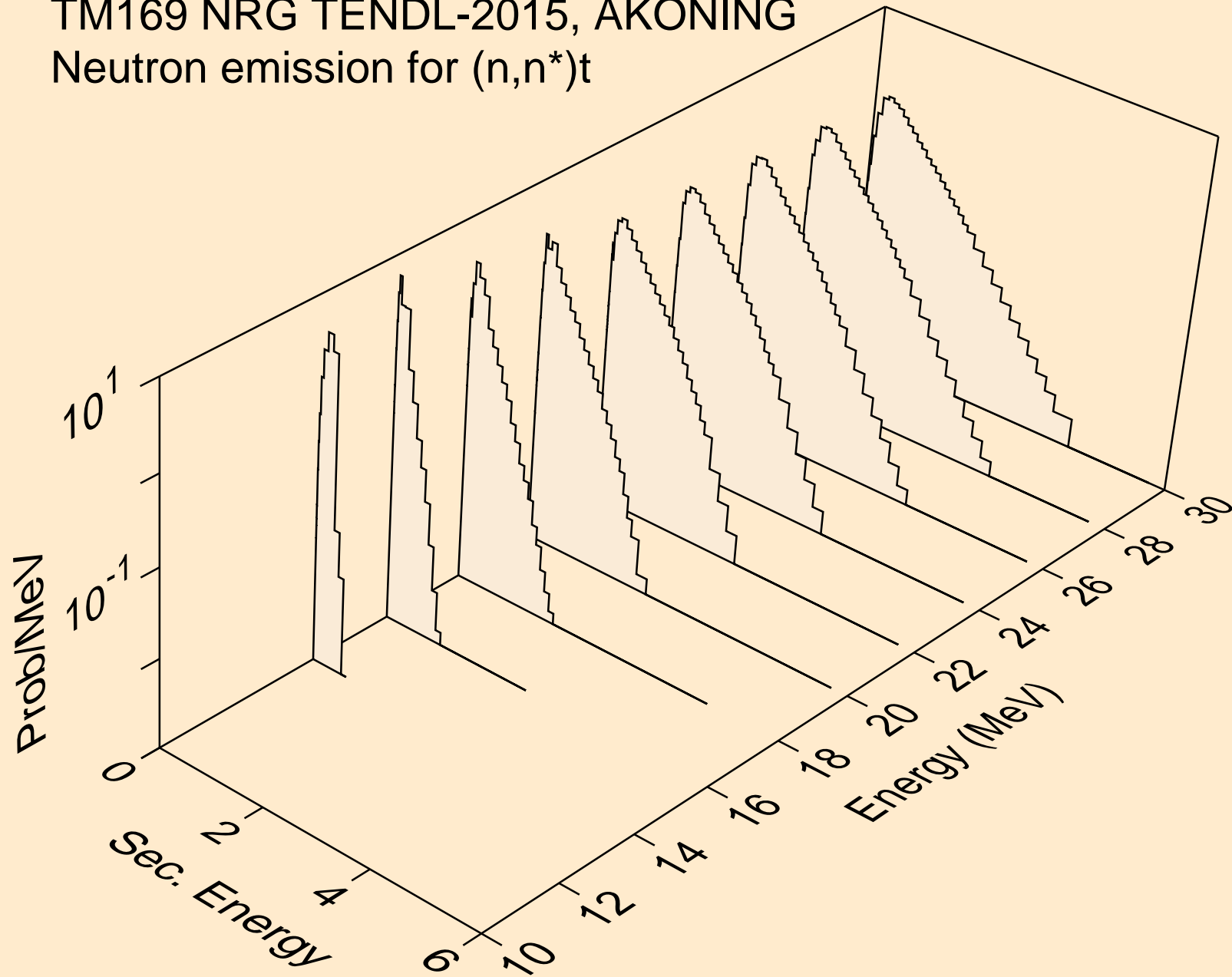




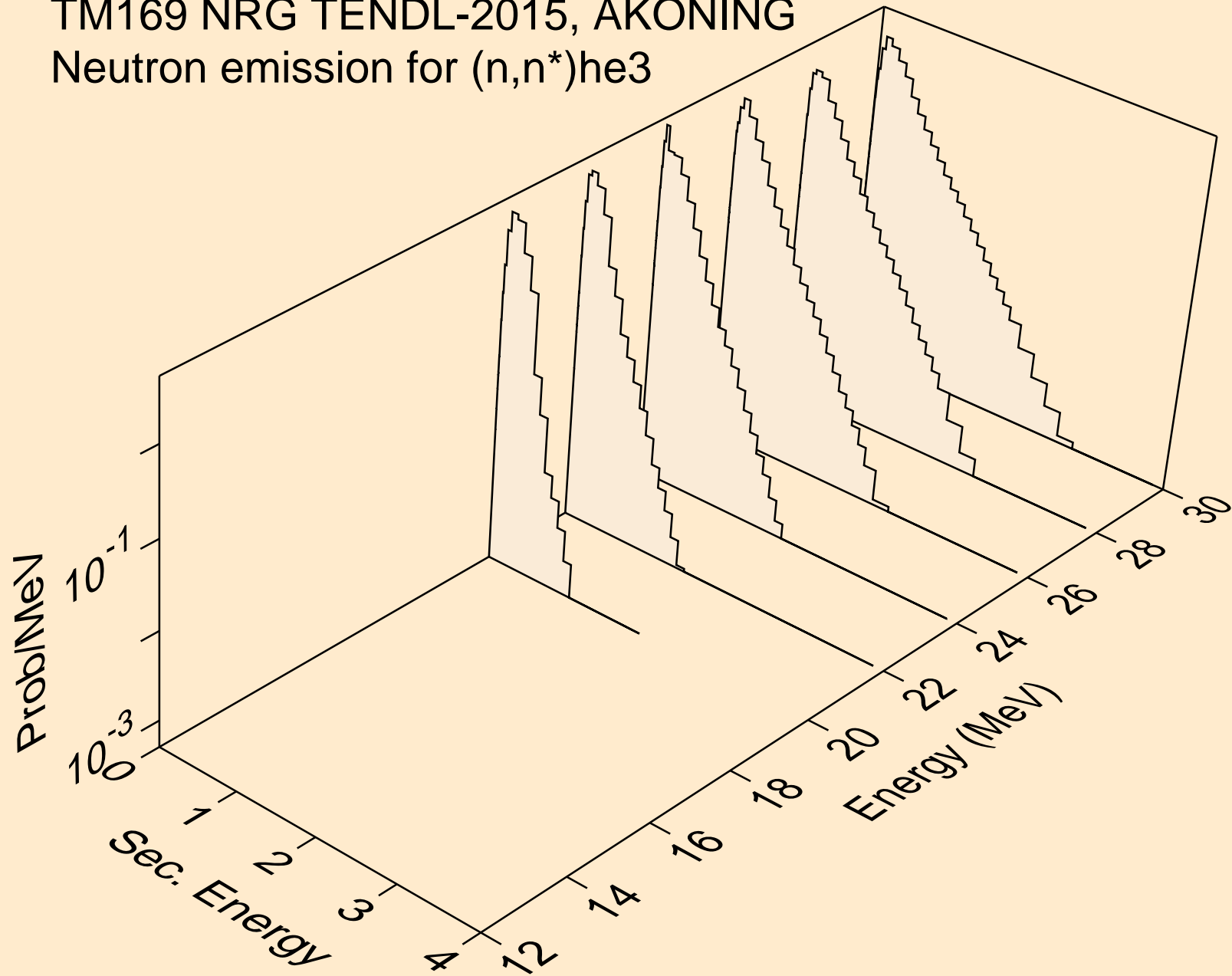
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



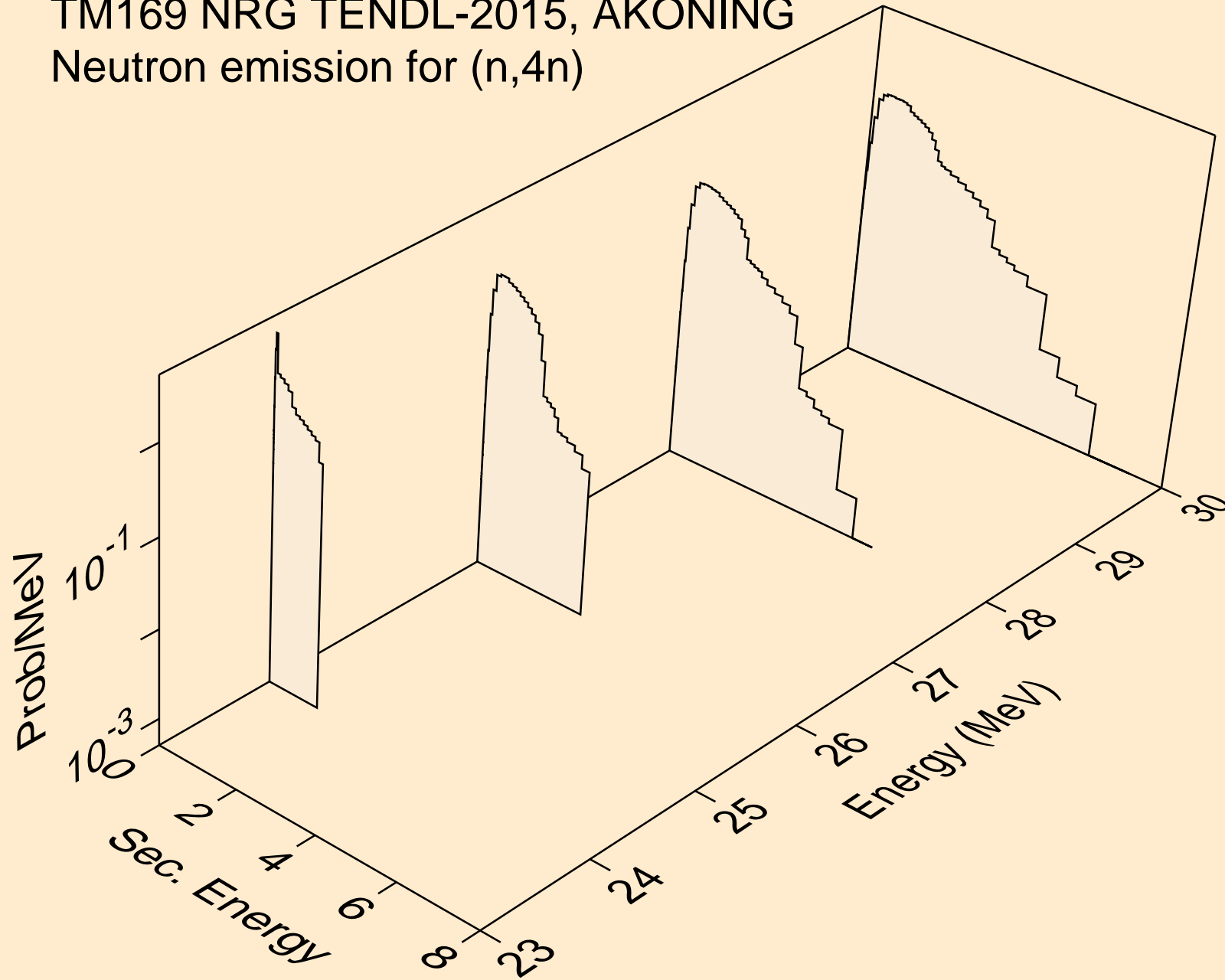
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



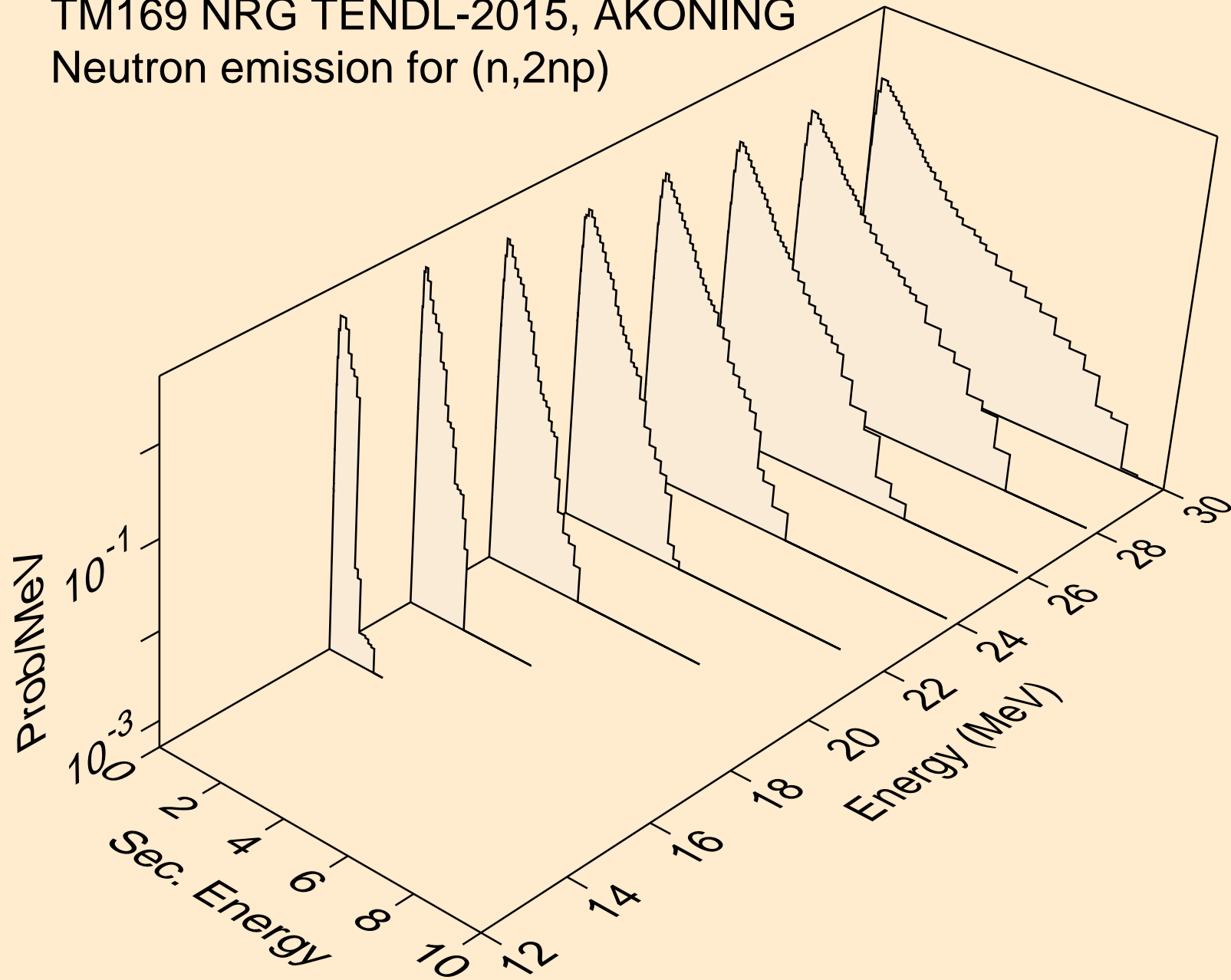
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



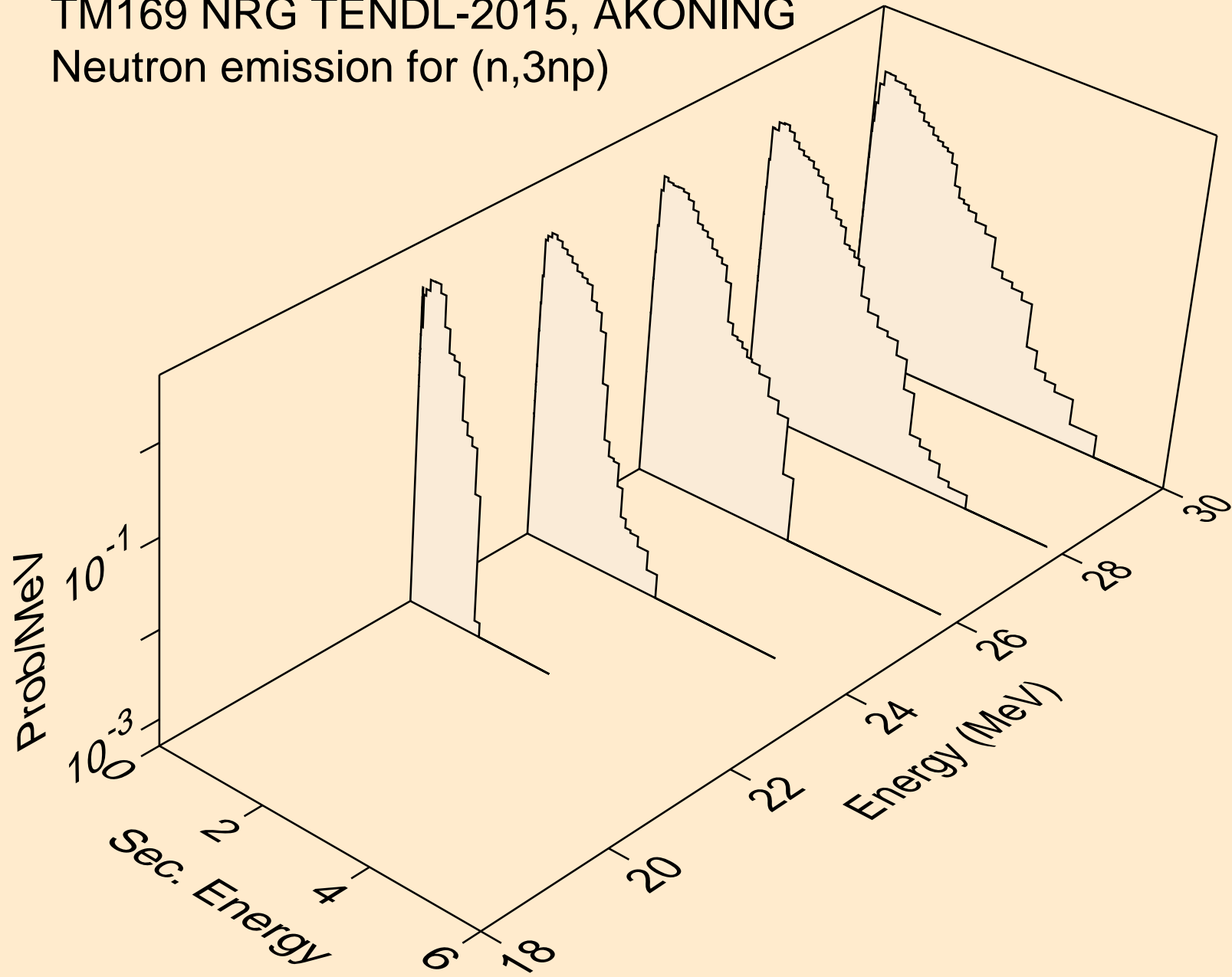
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



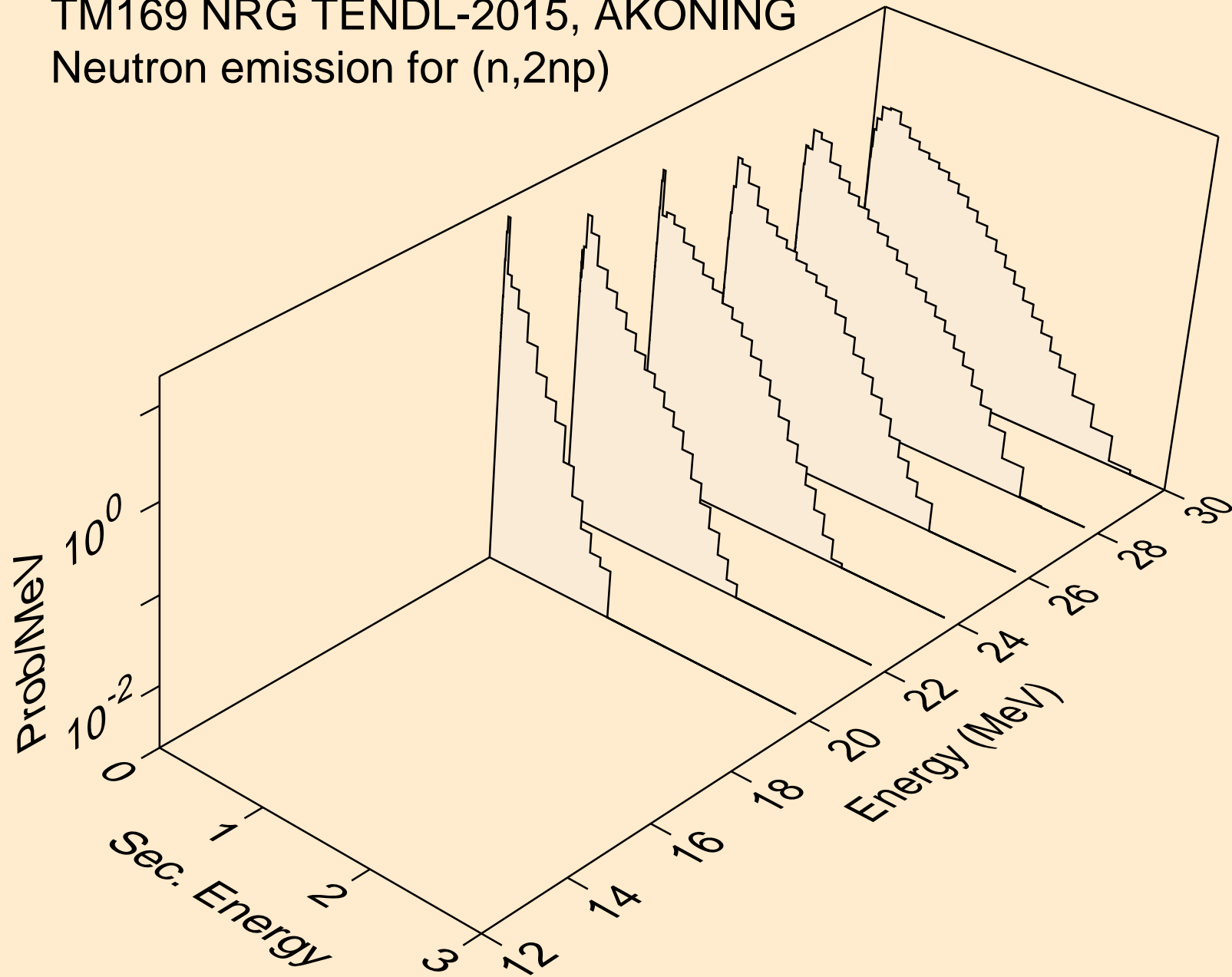
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



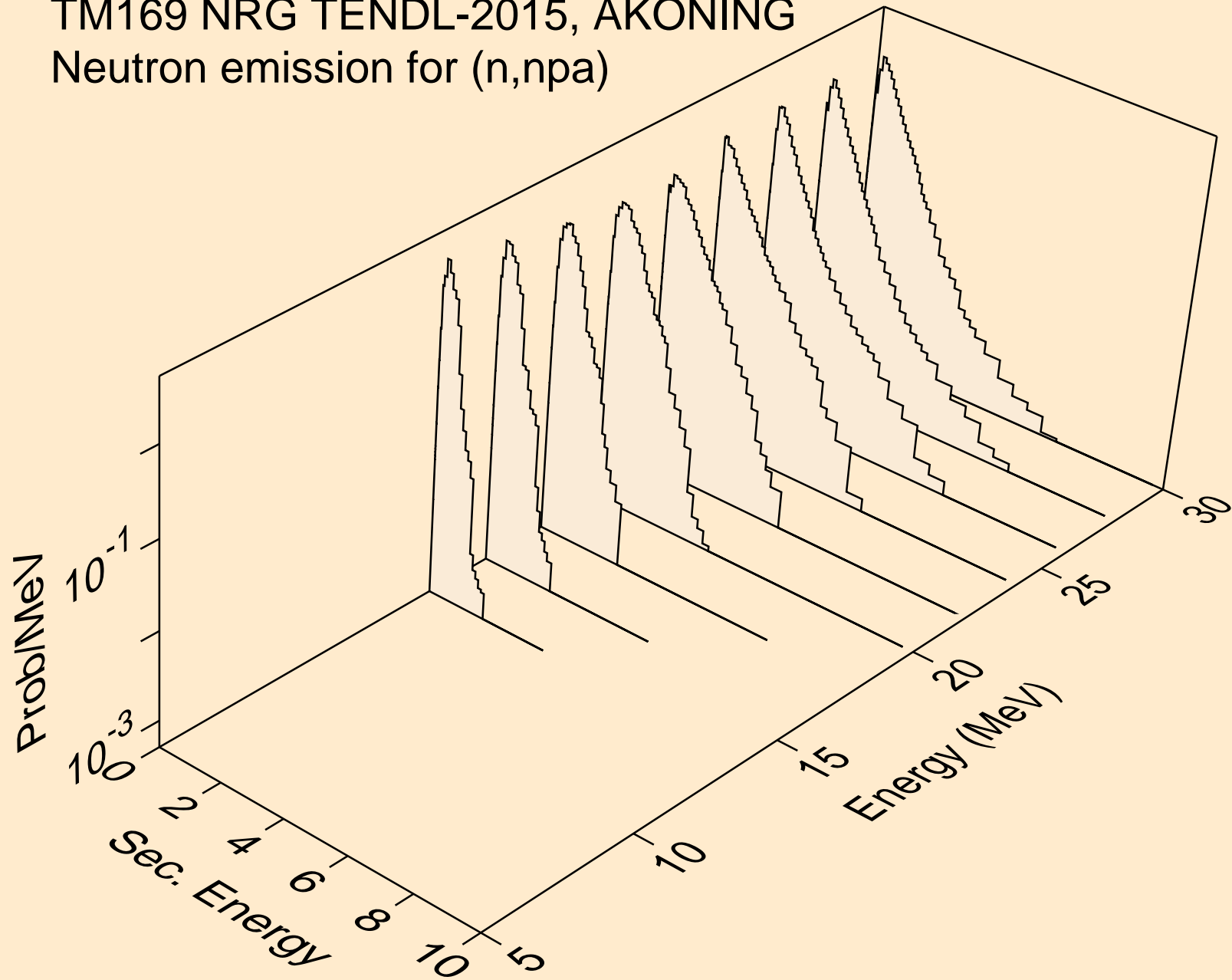
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

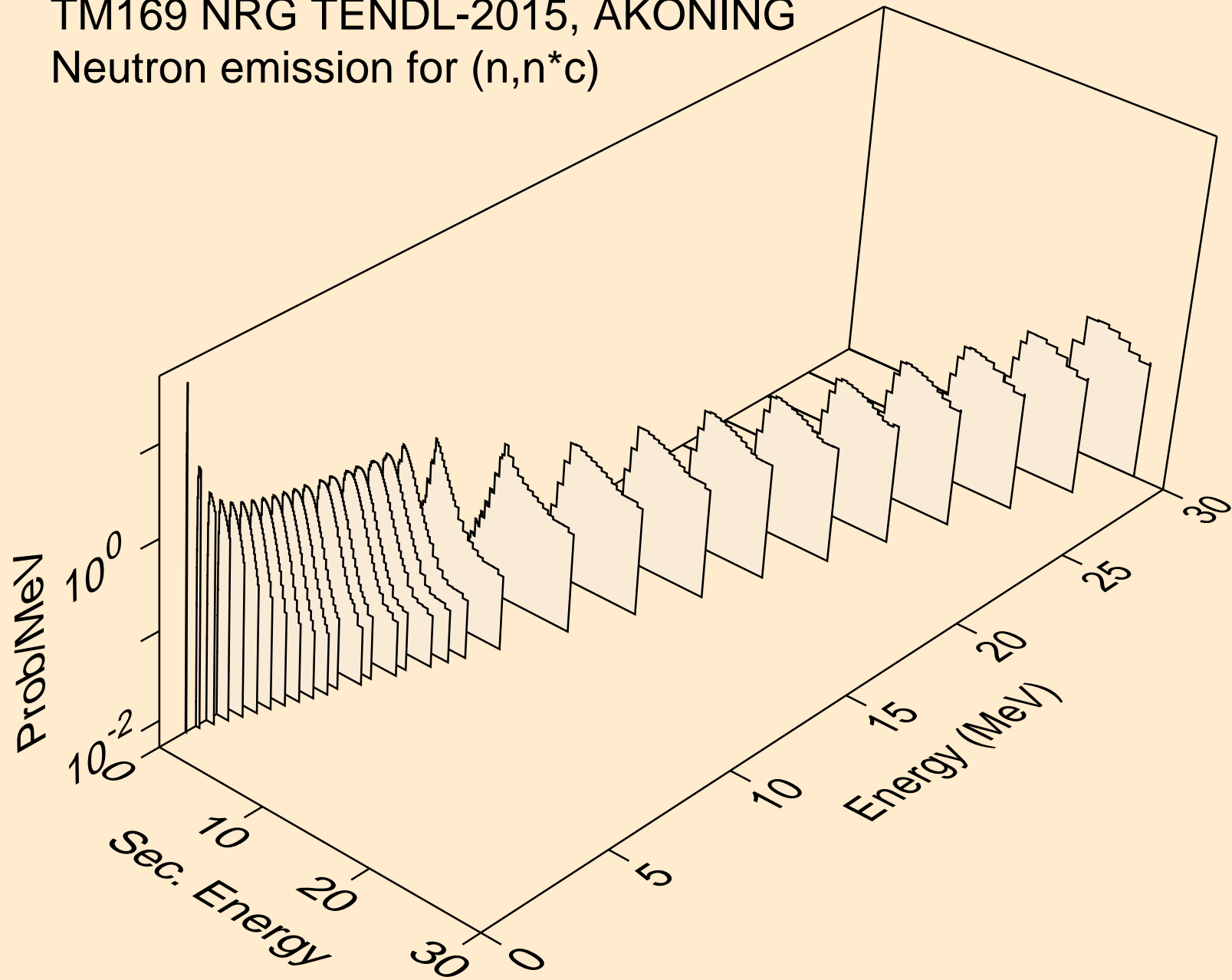


TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

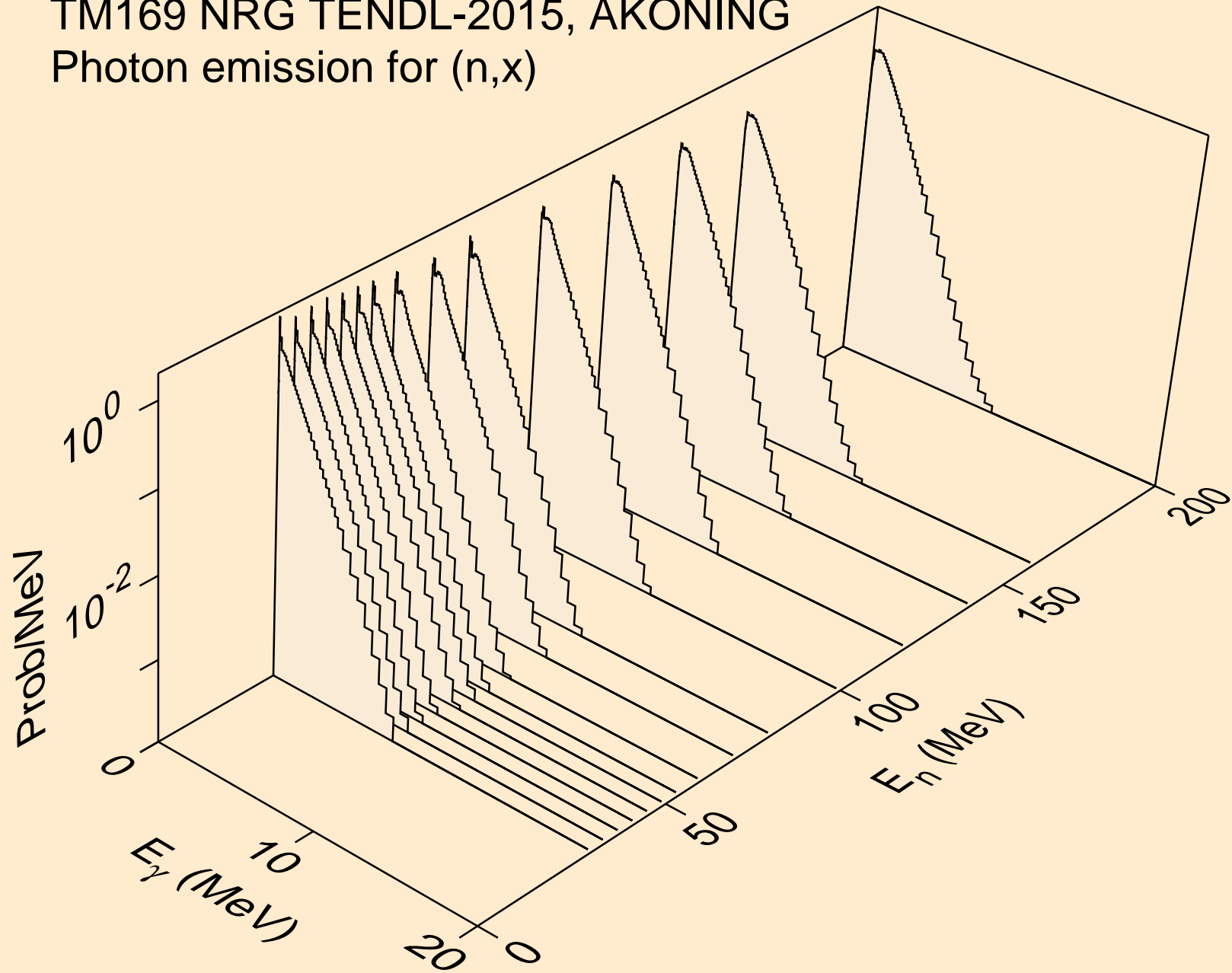




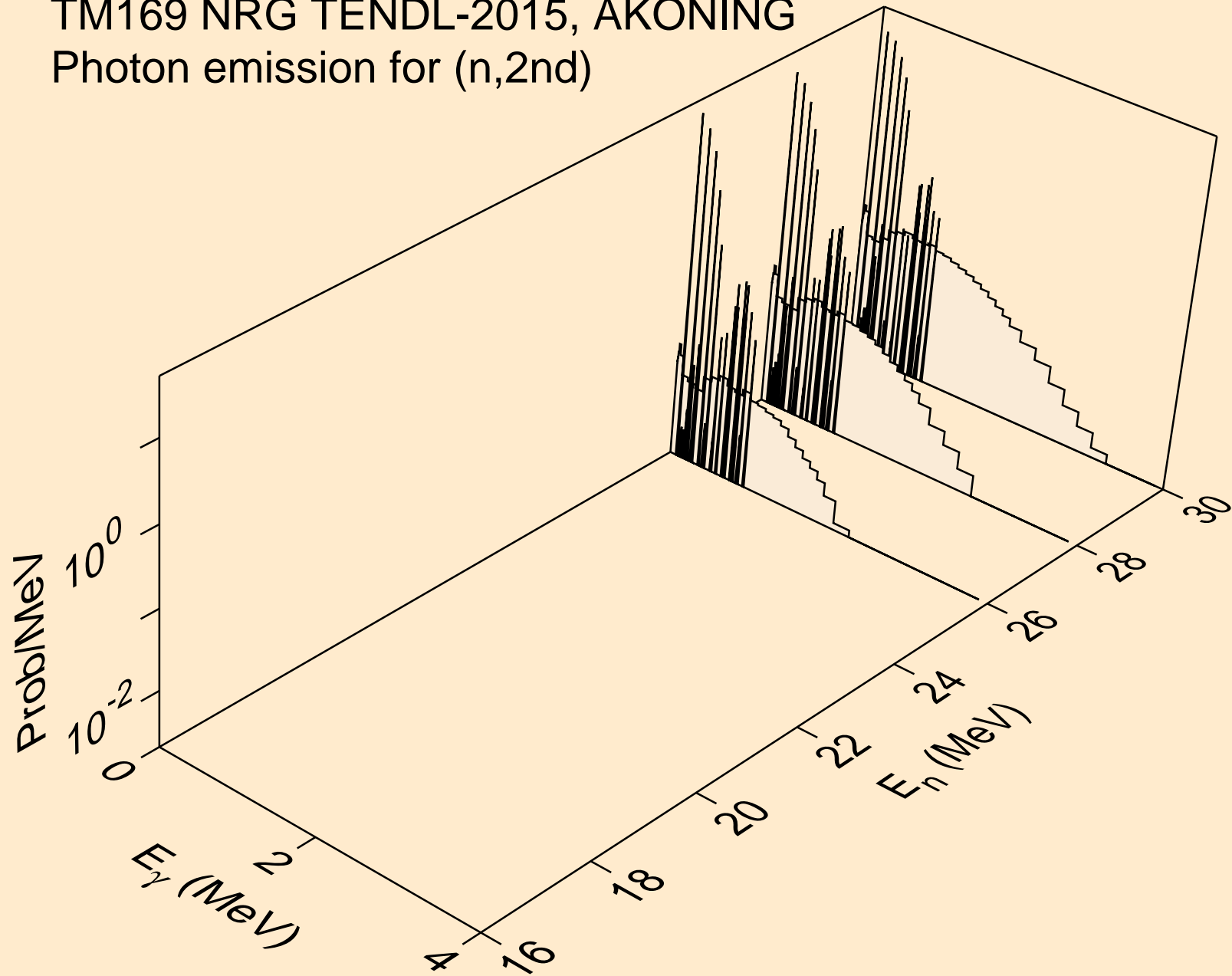
TM169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



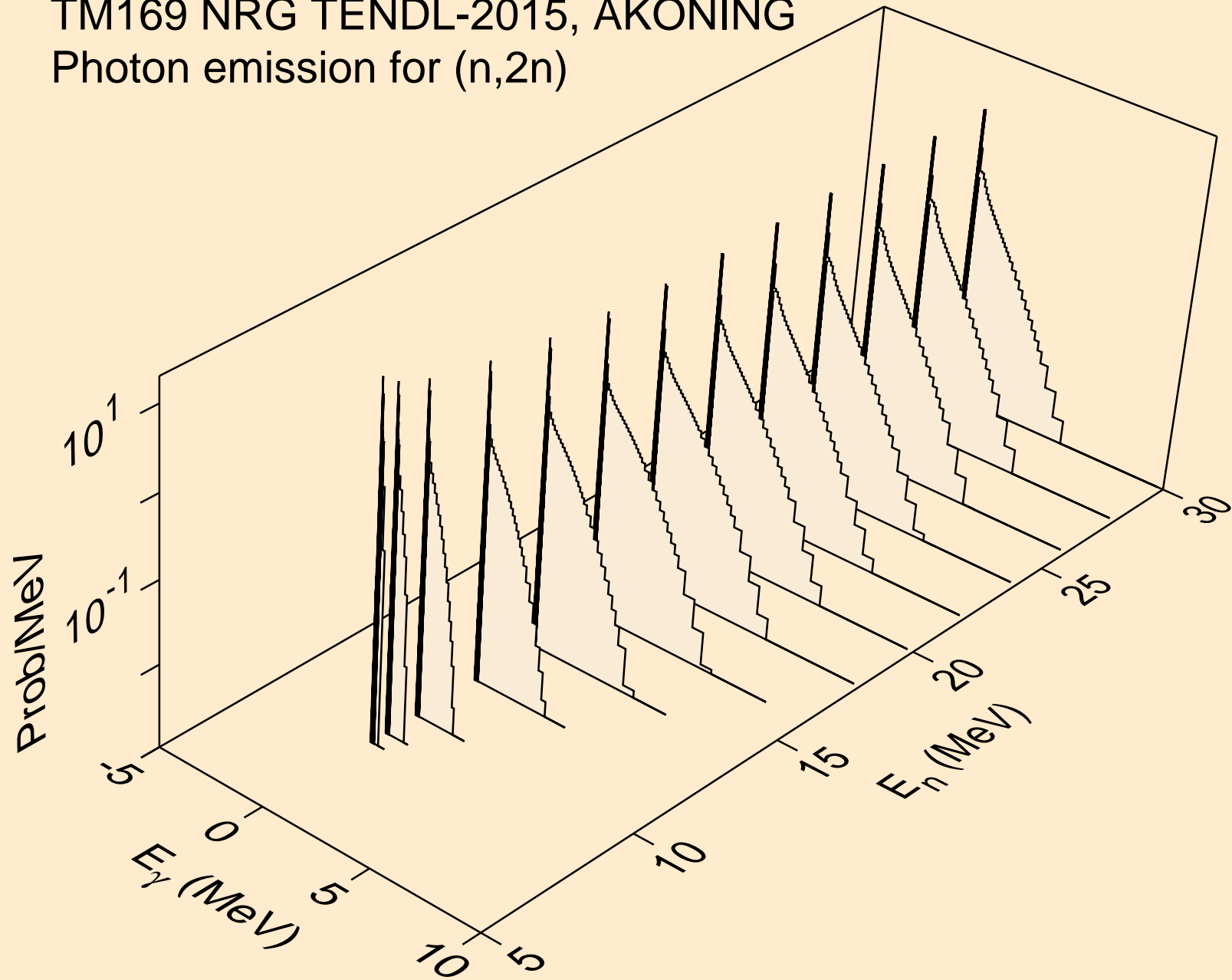
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



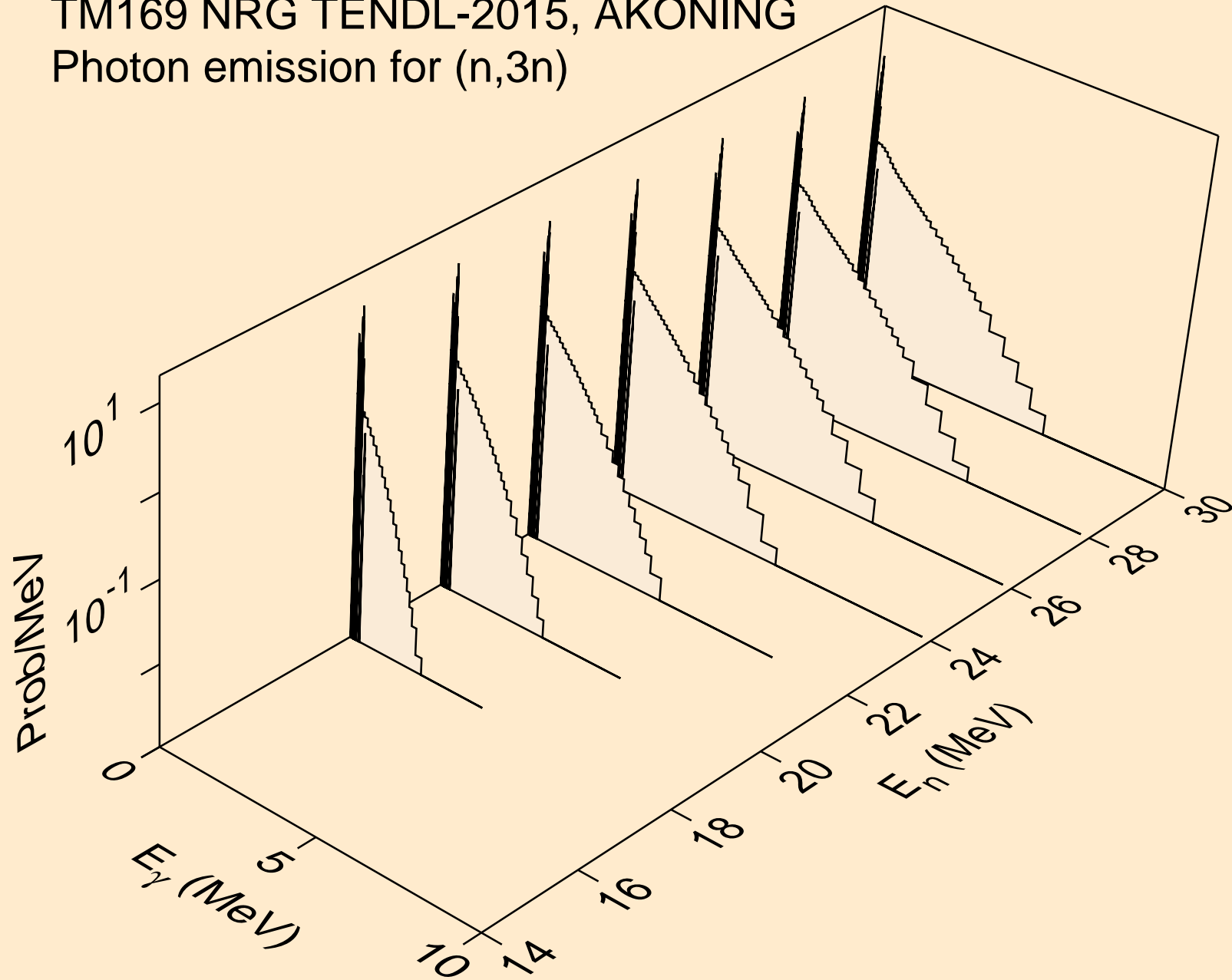
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



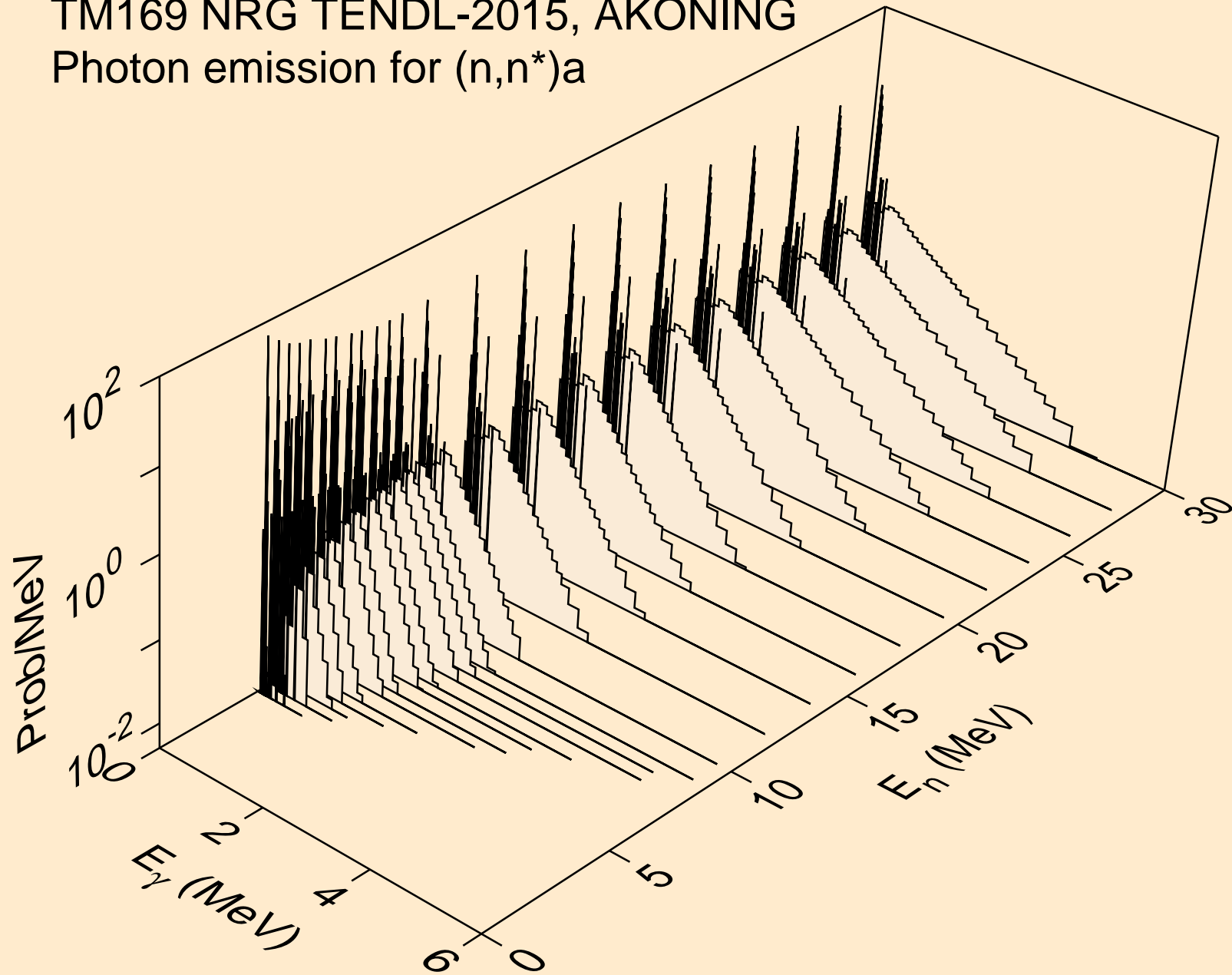
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



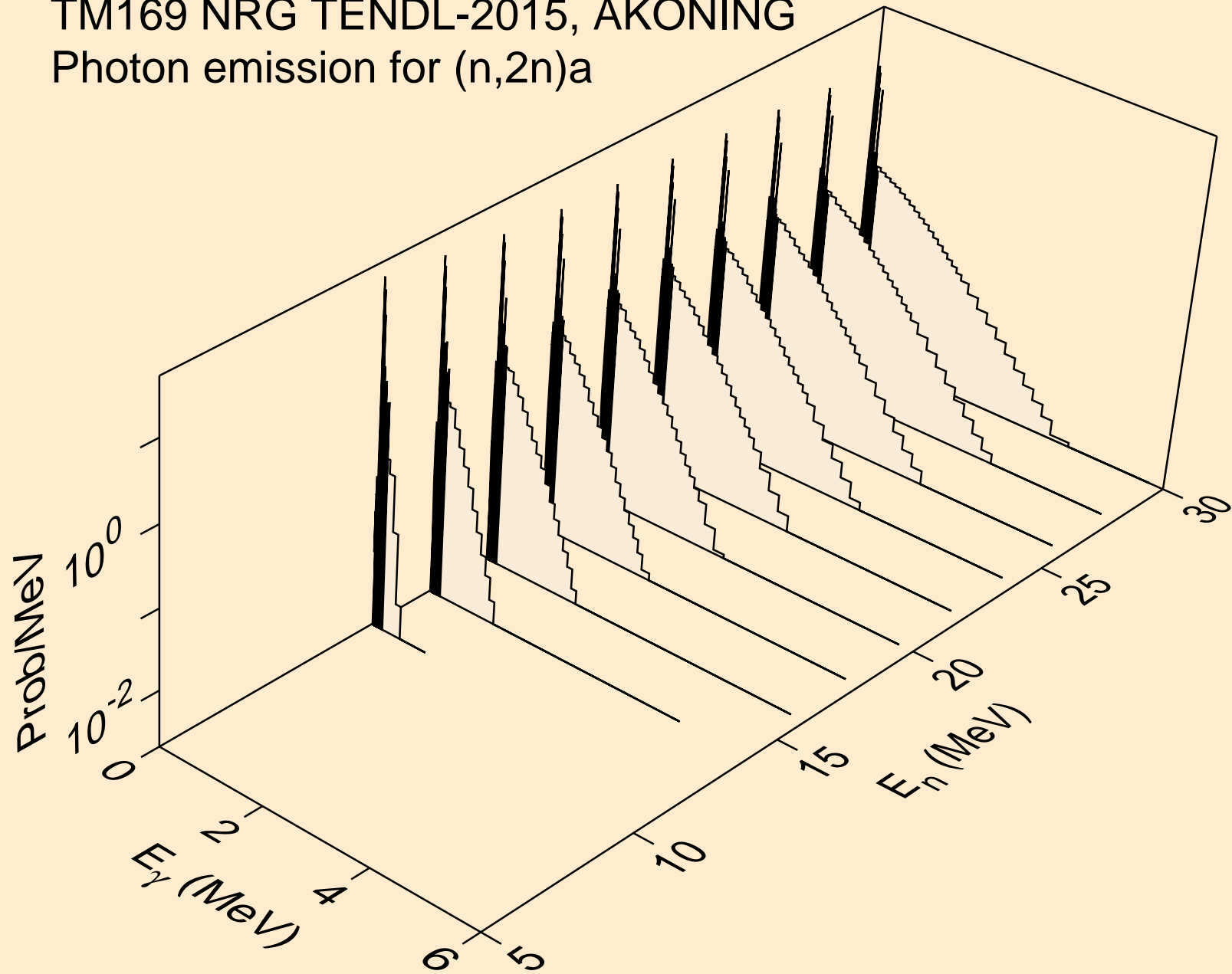
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



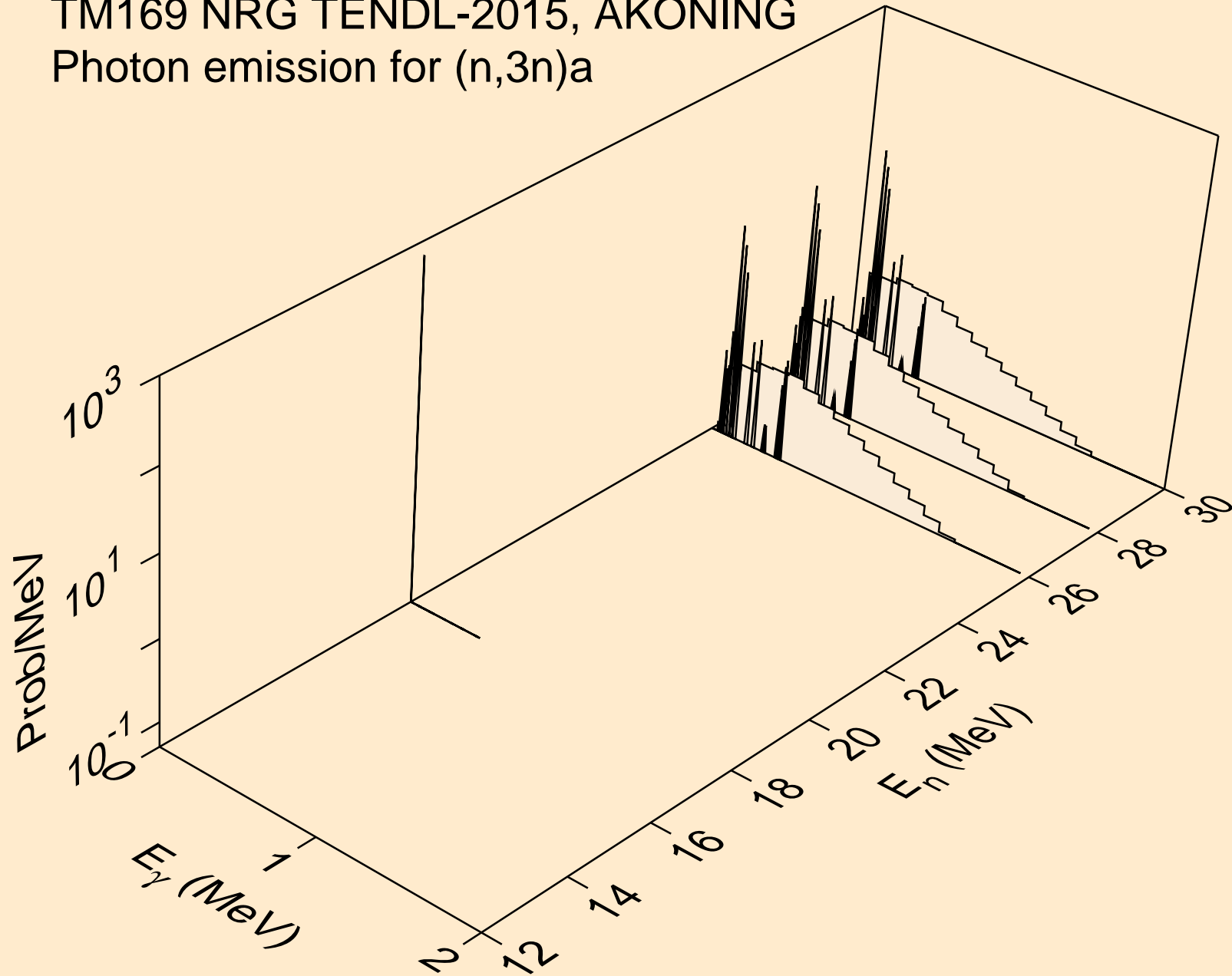
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

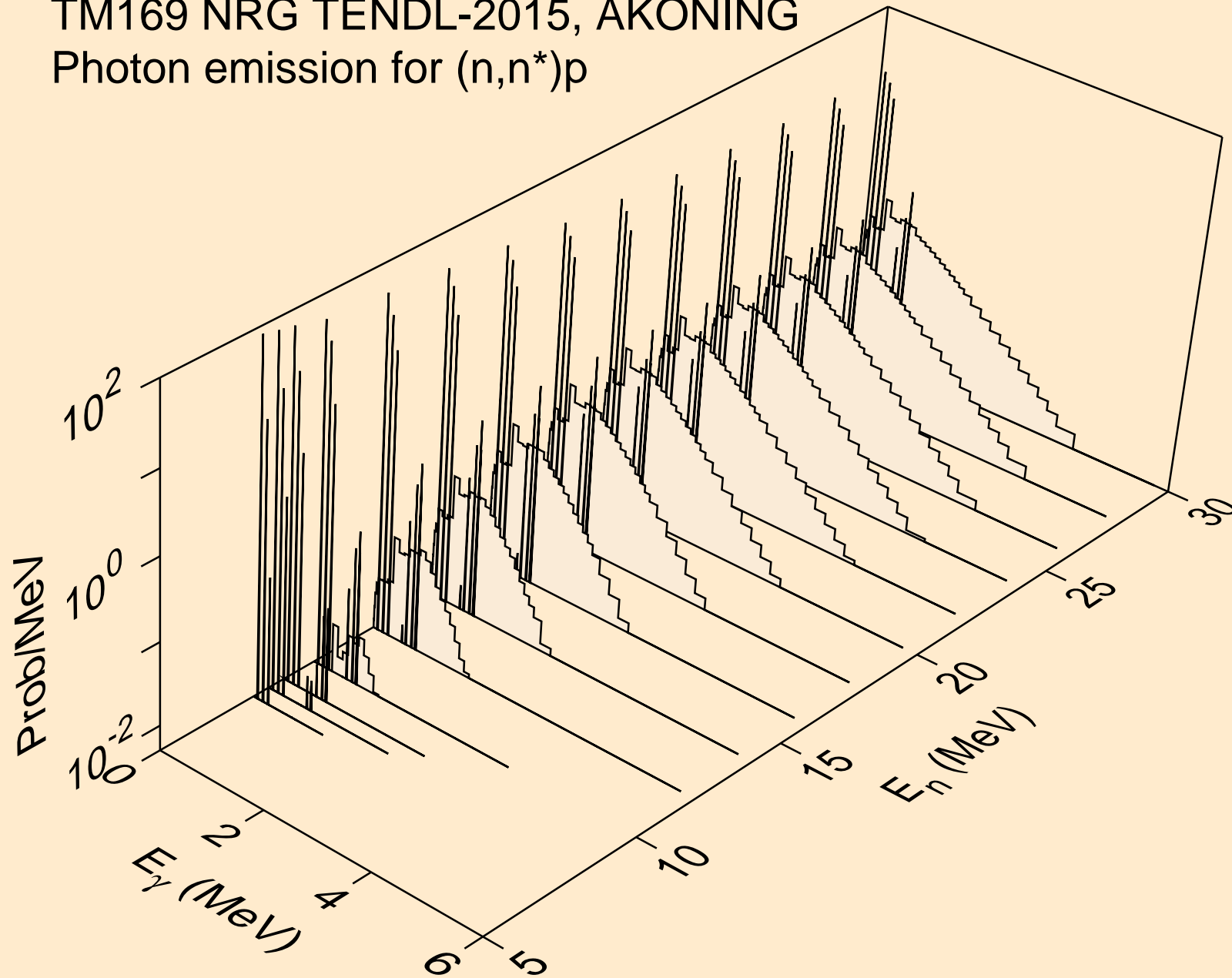


TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

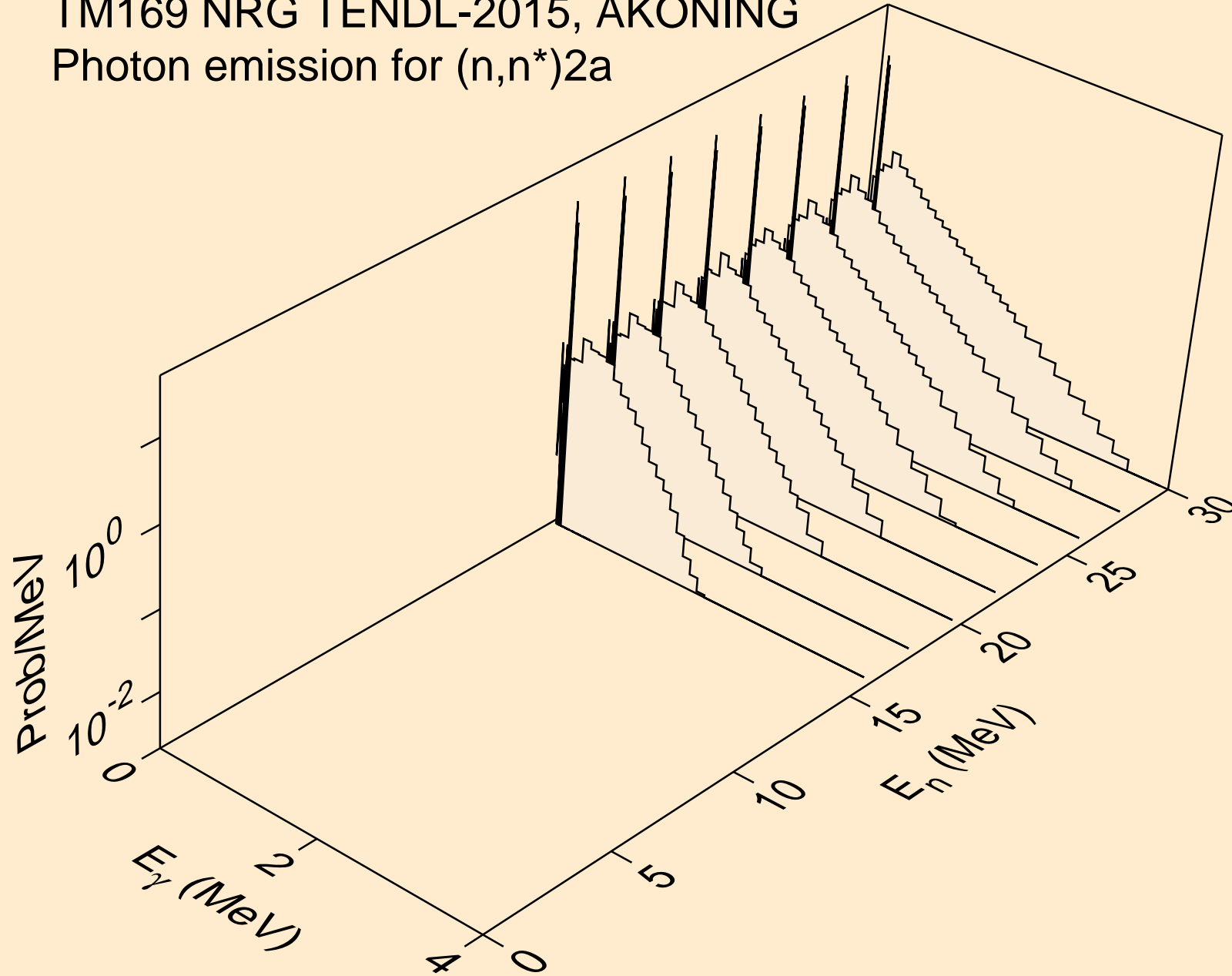




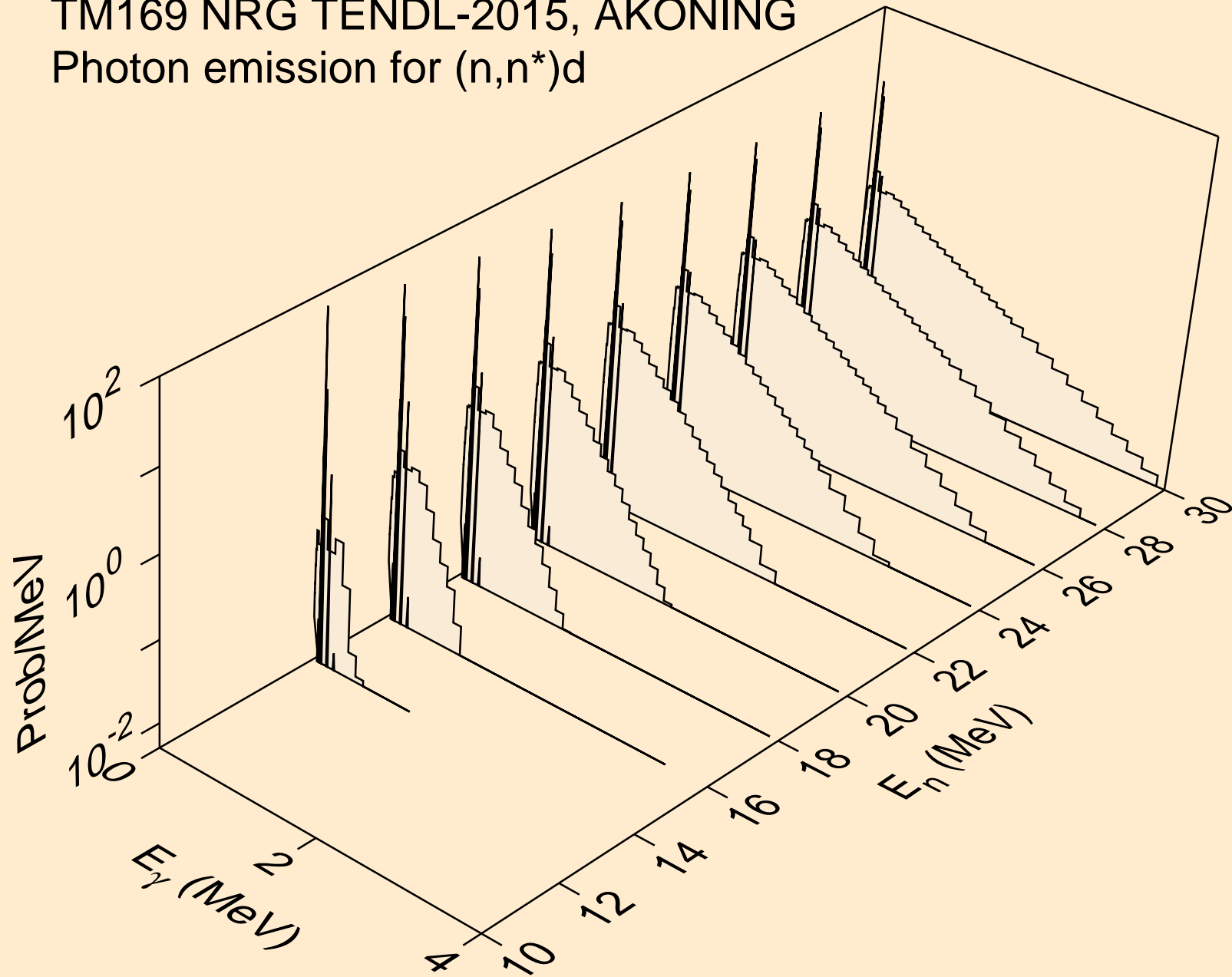
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



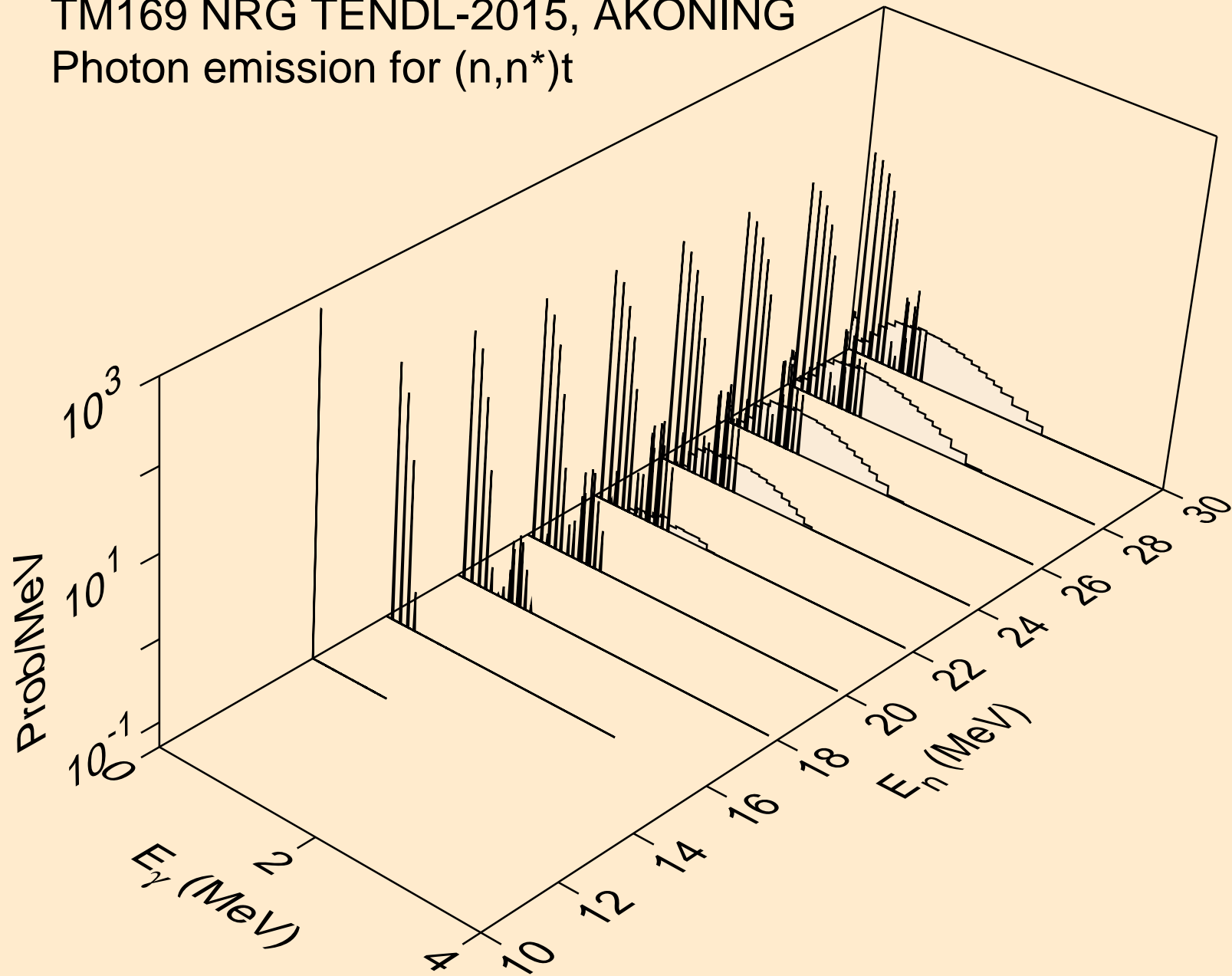
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



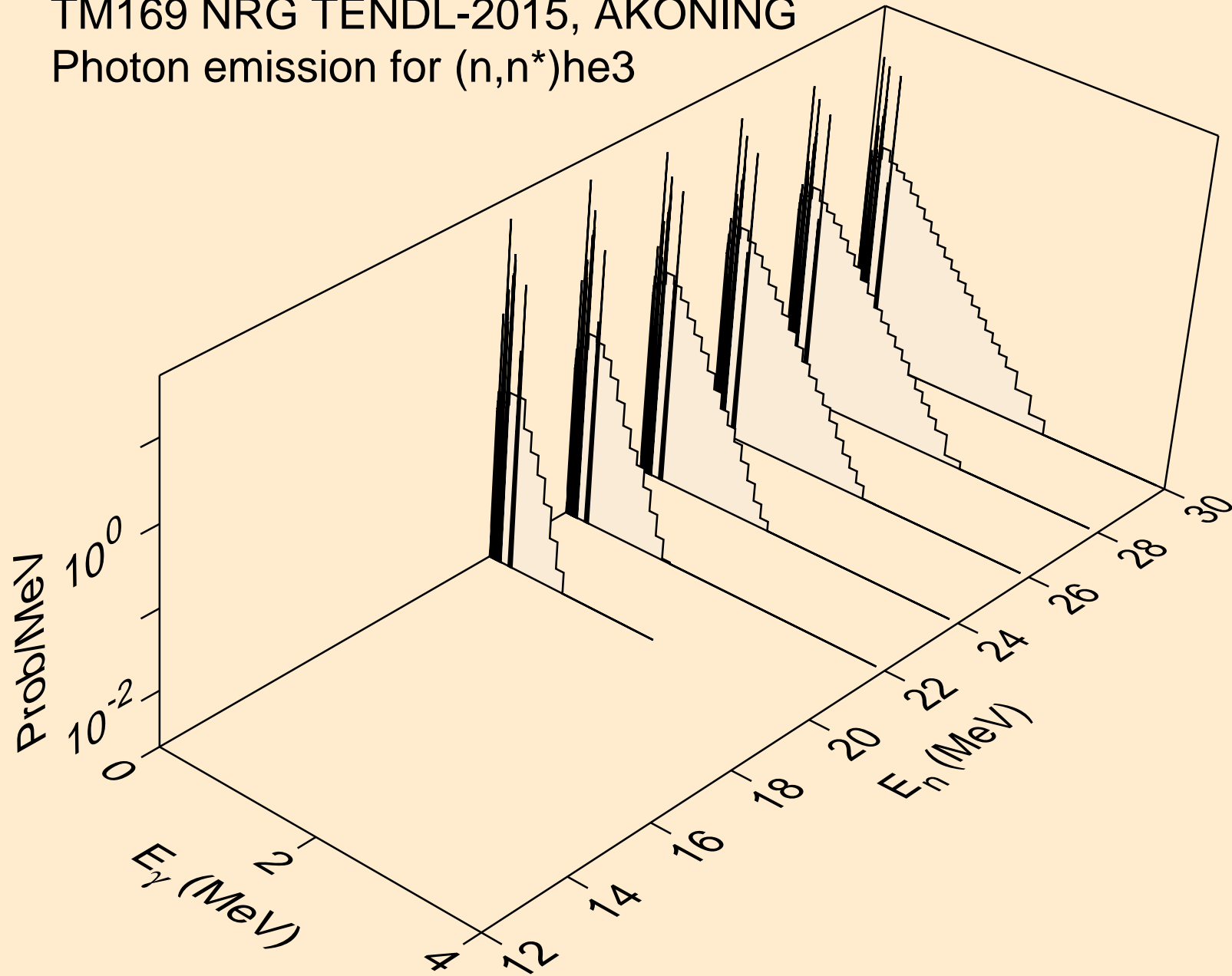
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



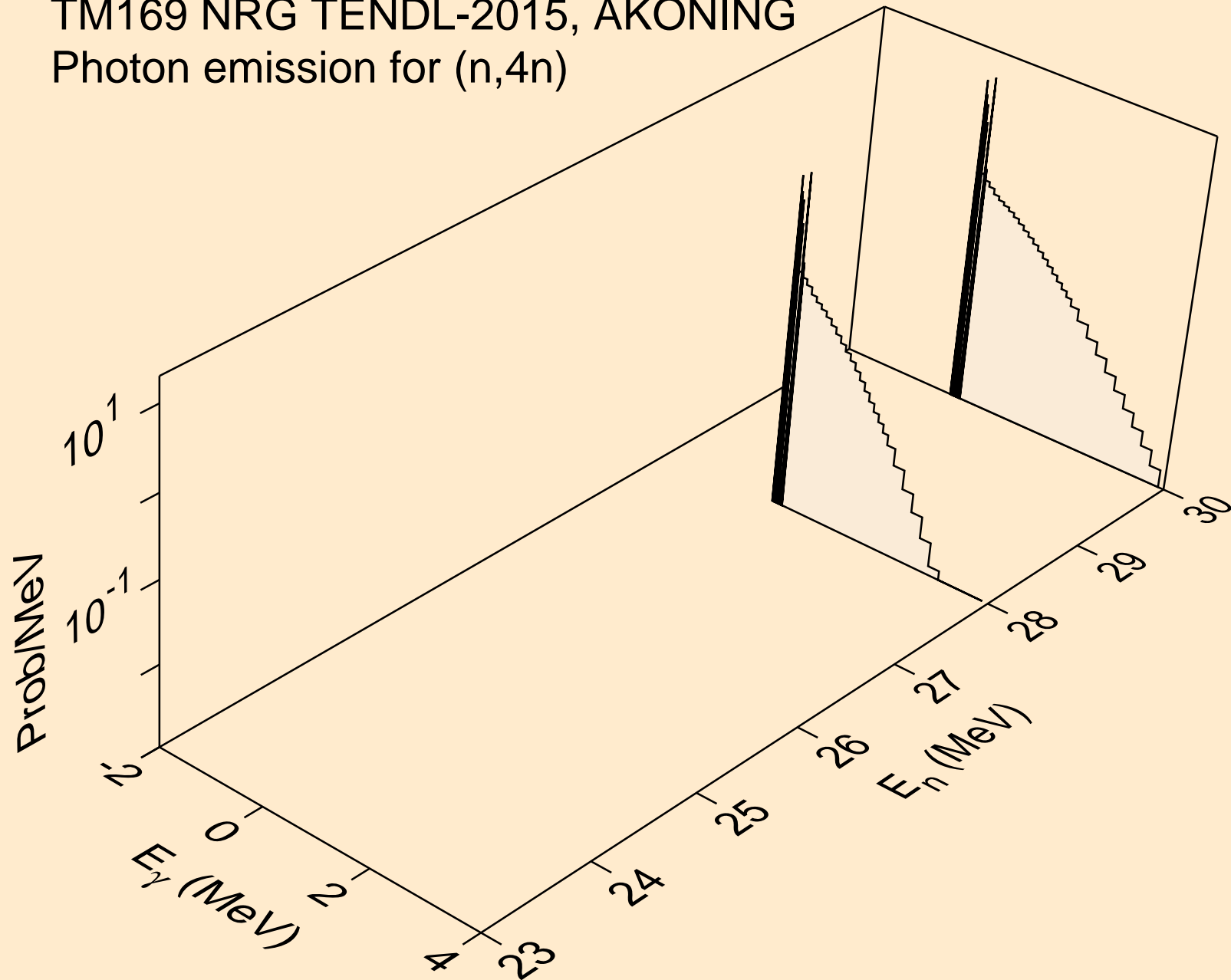
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



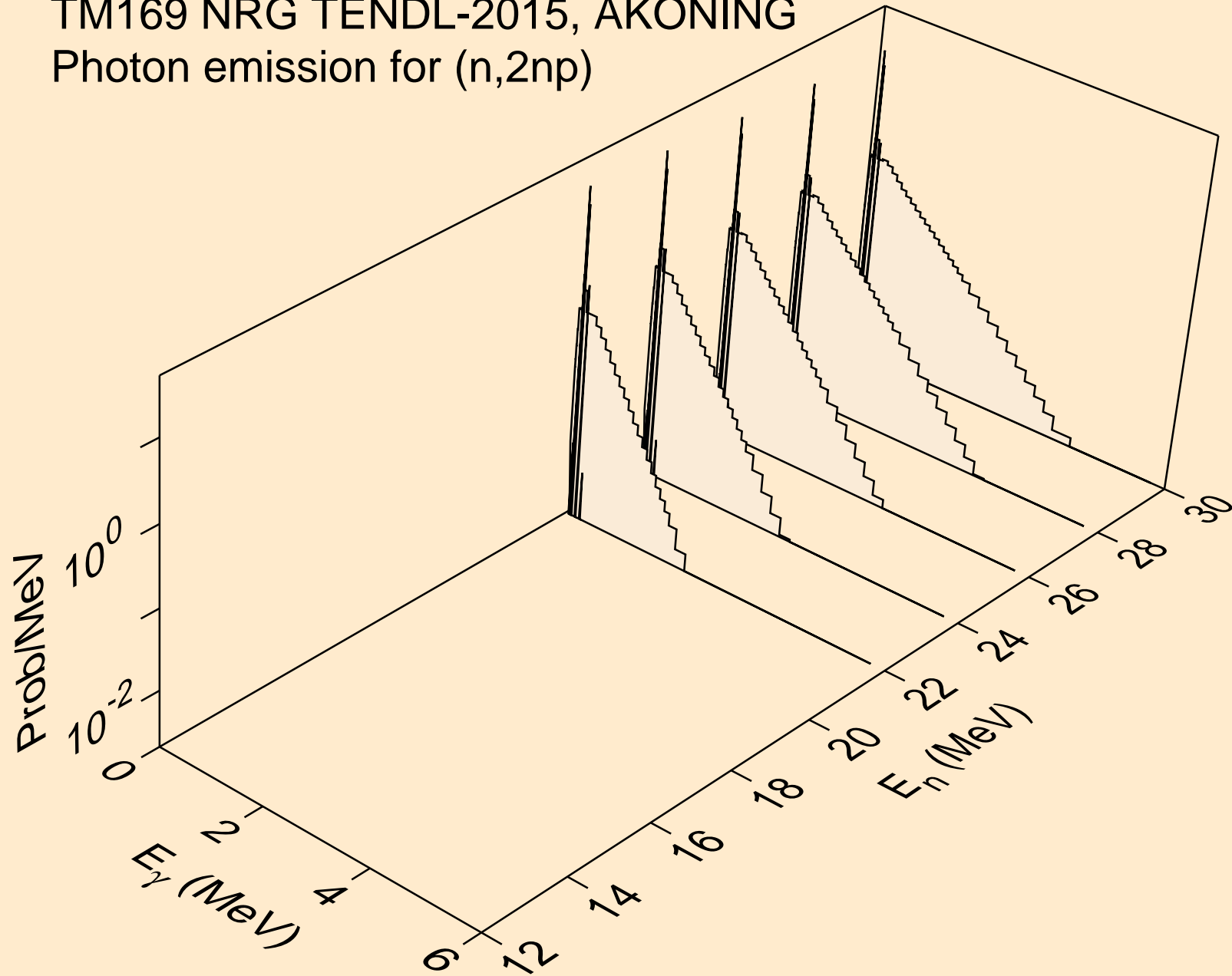
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



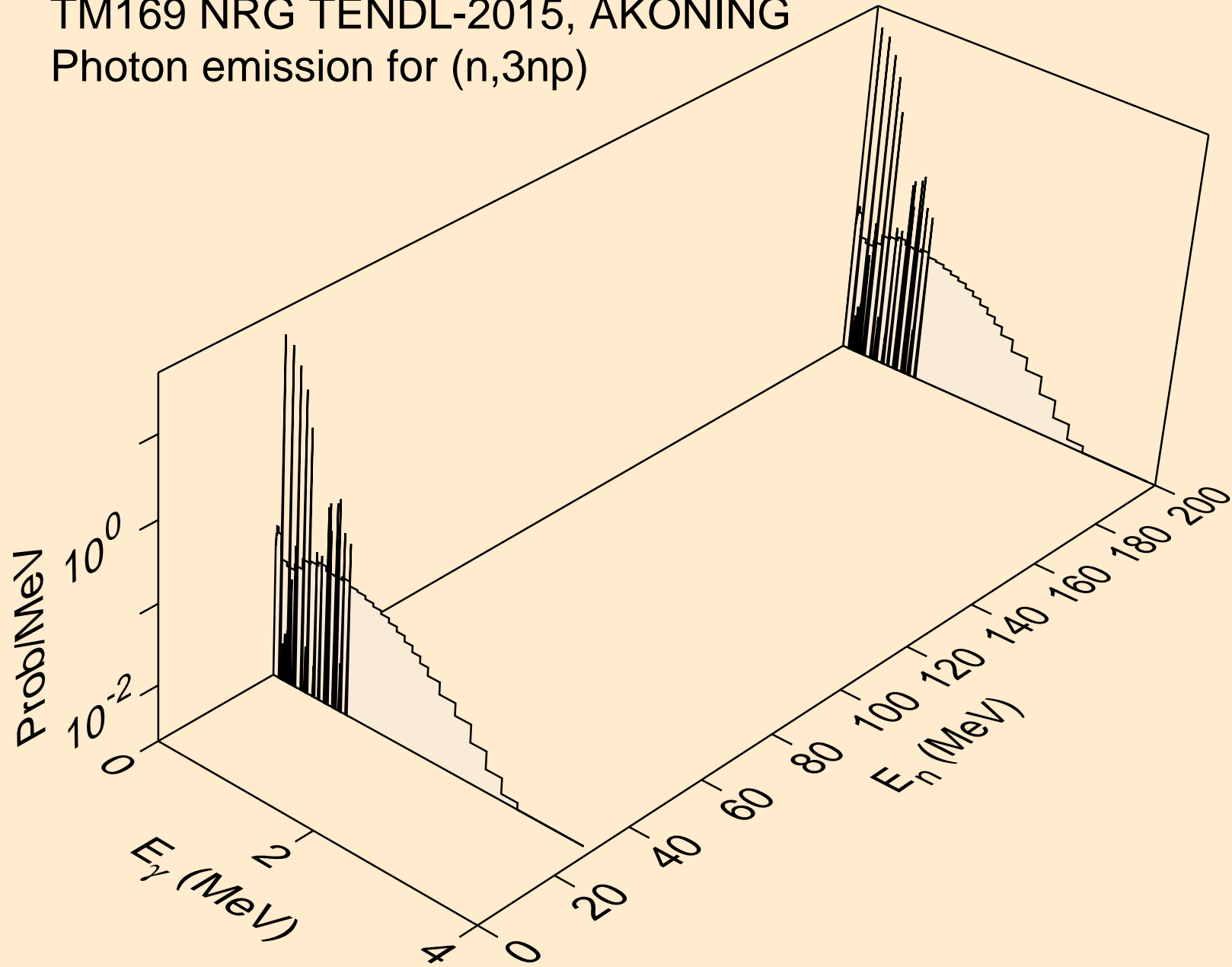
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

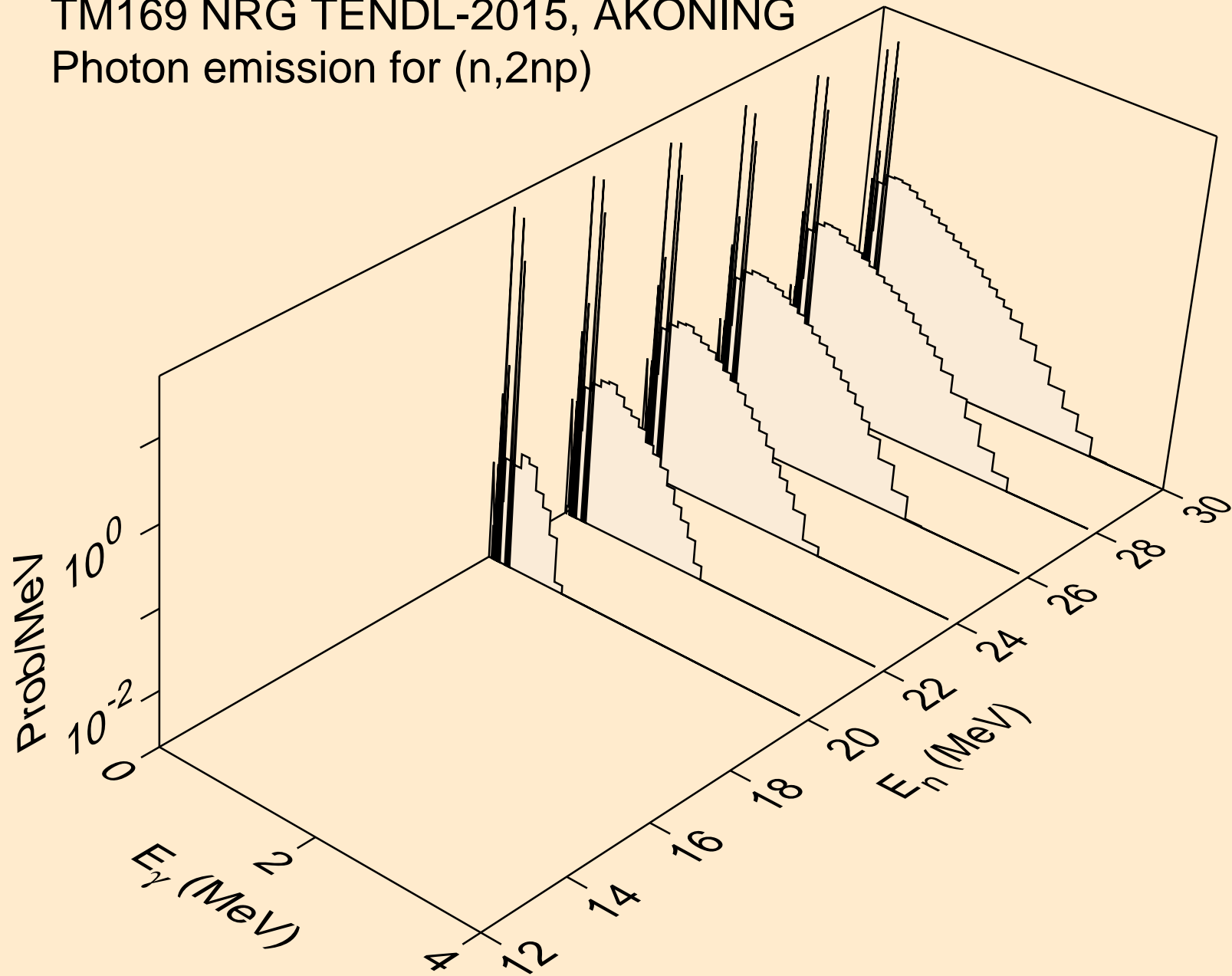


TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

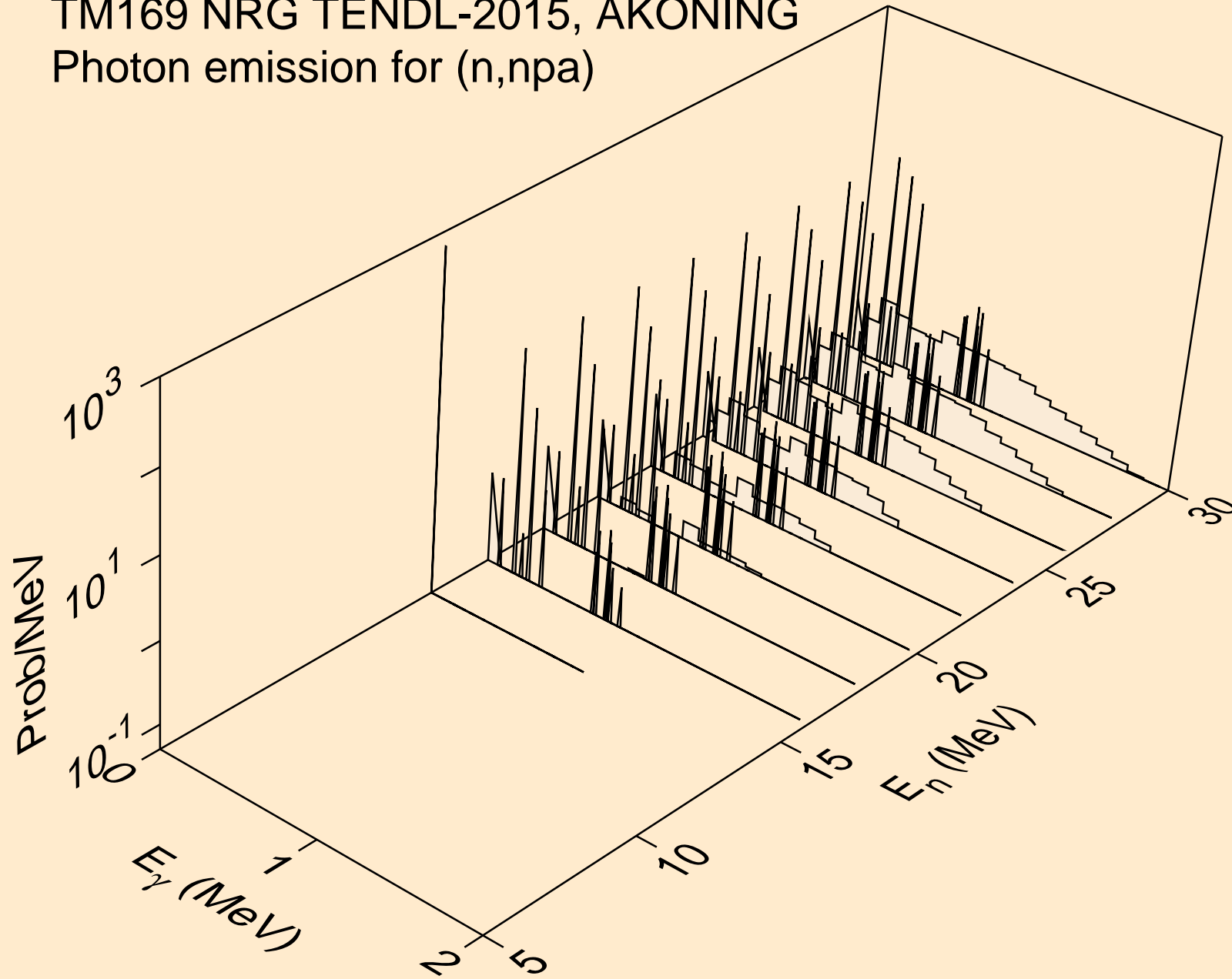




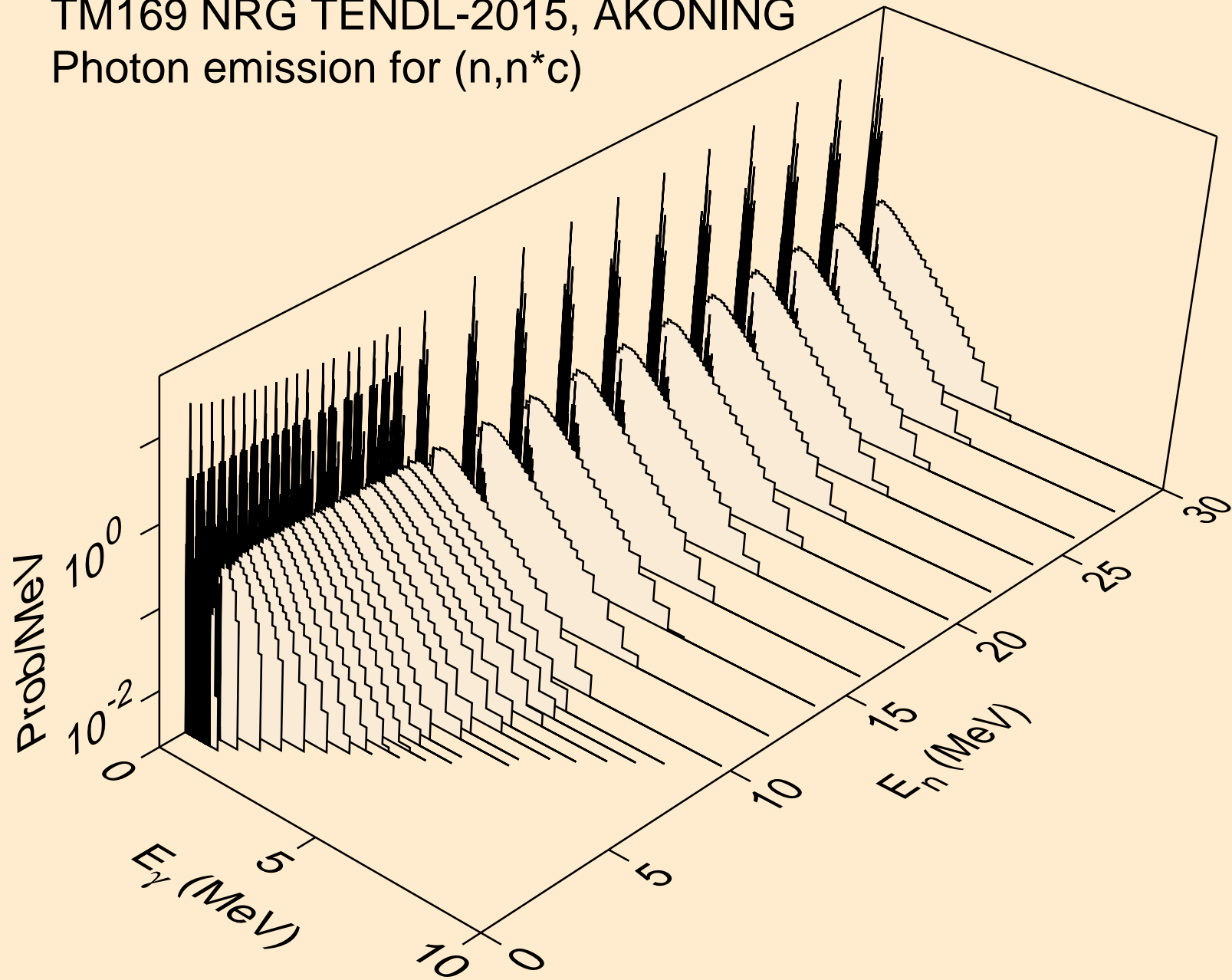
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



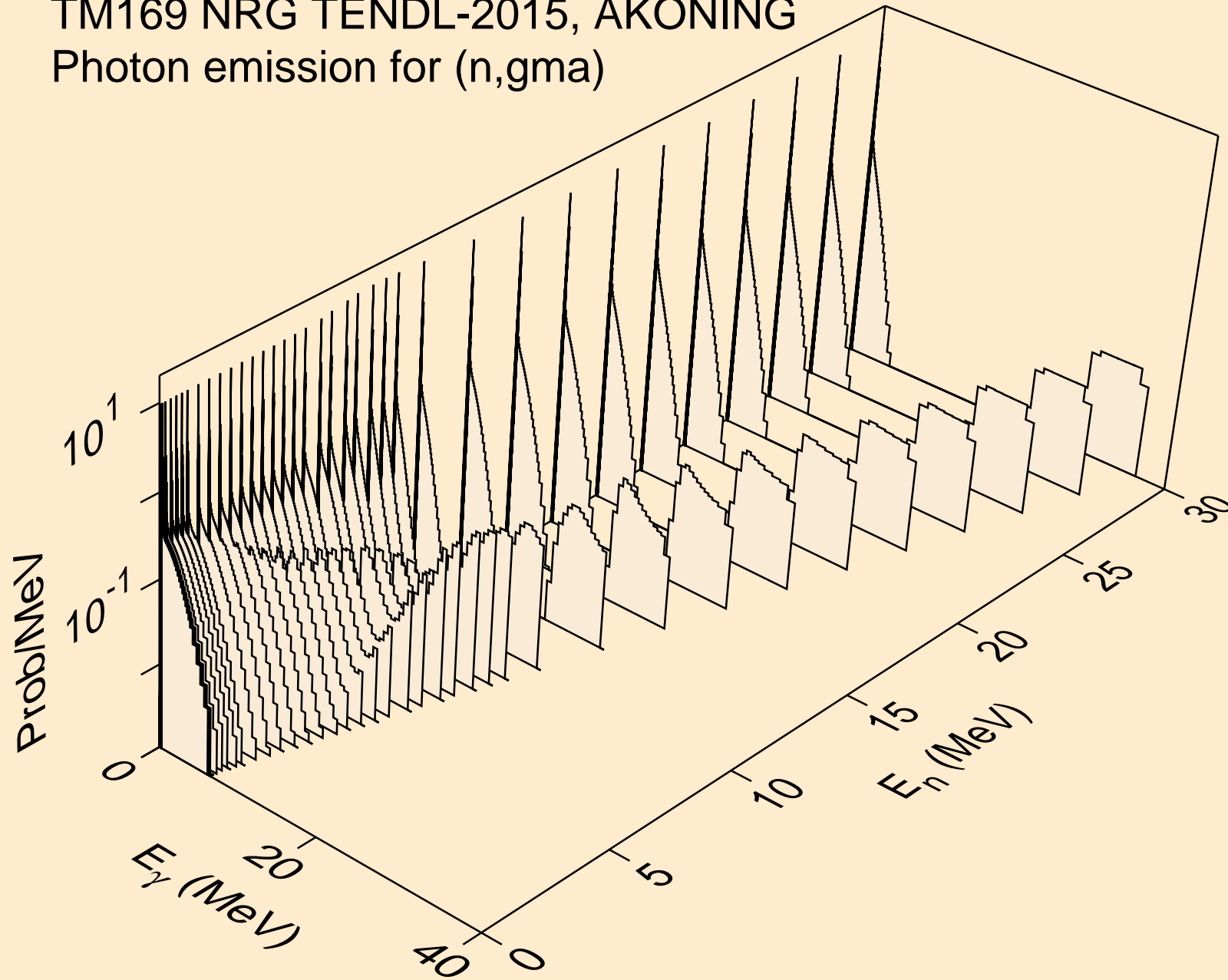
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



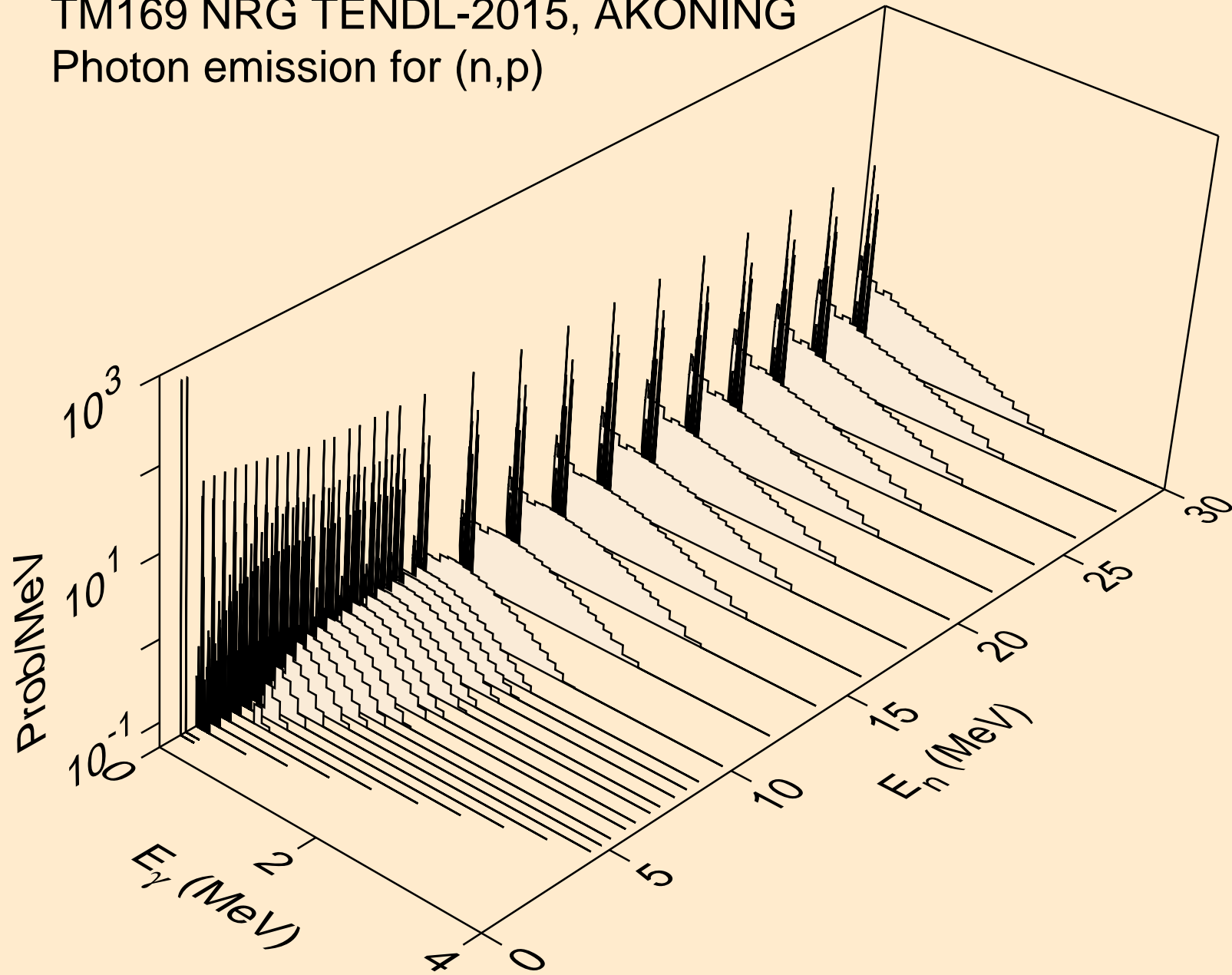
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



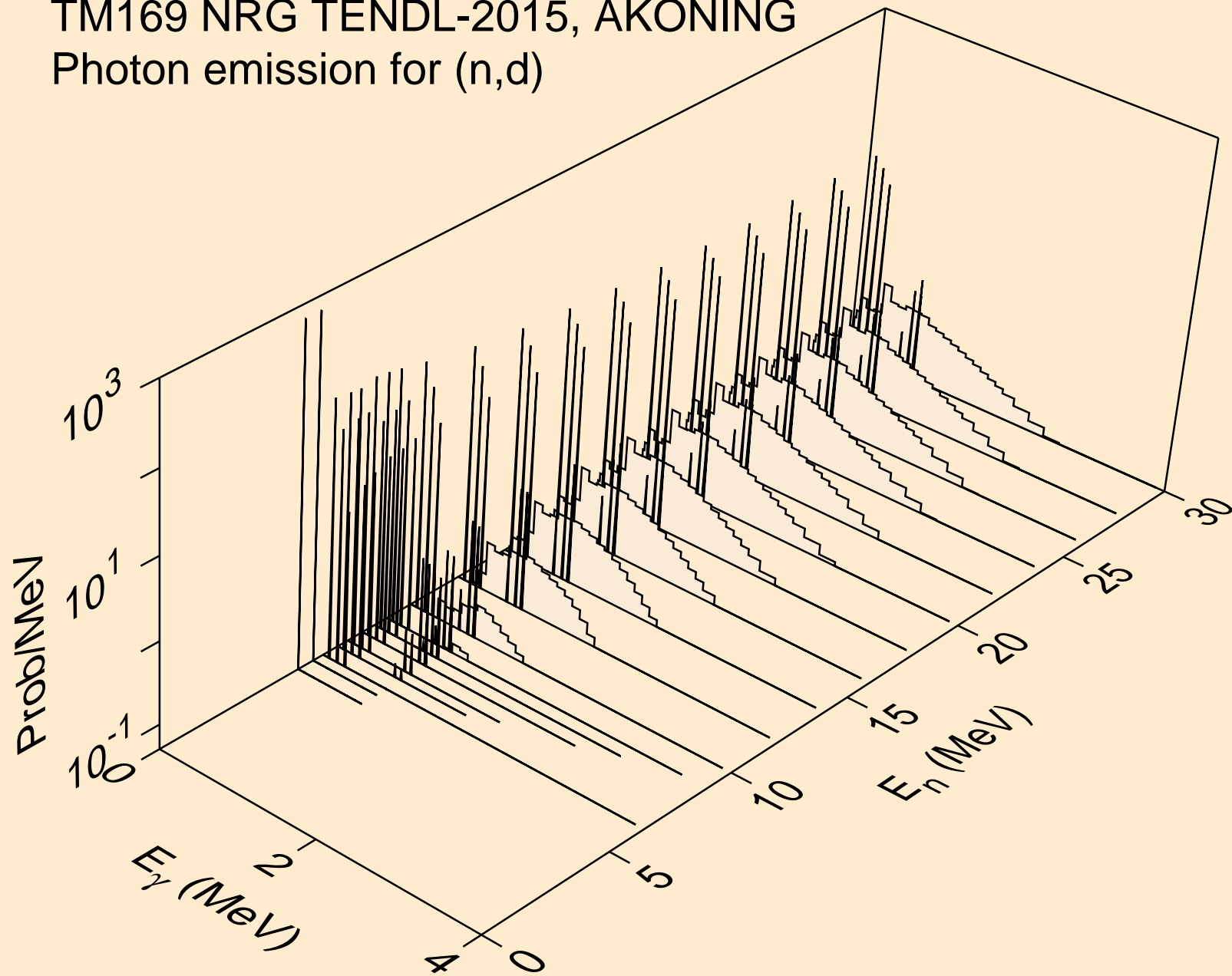
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



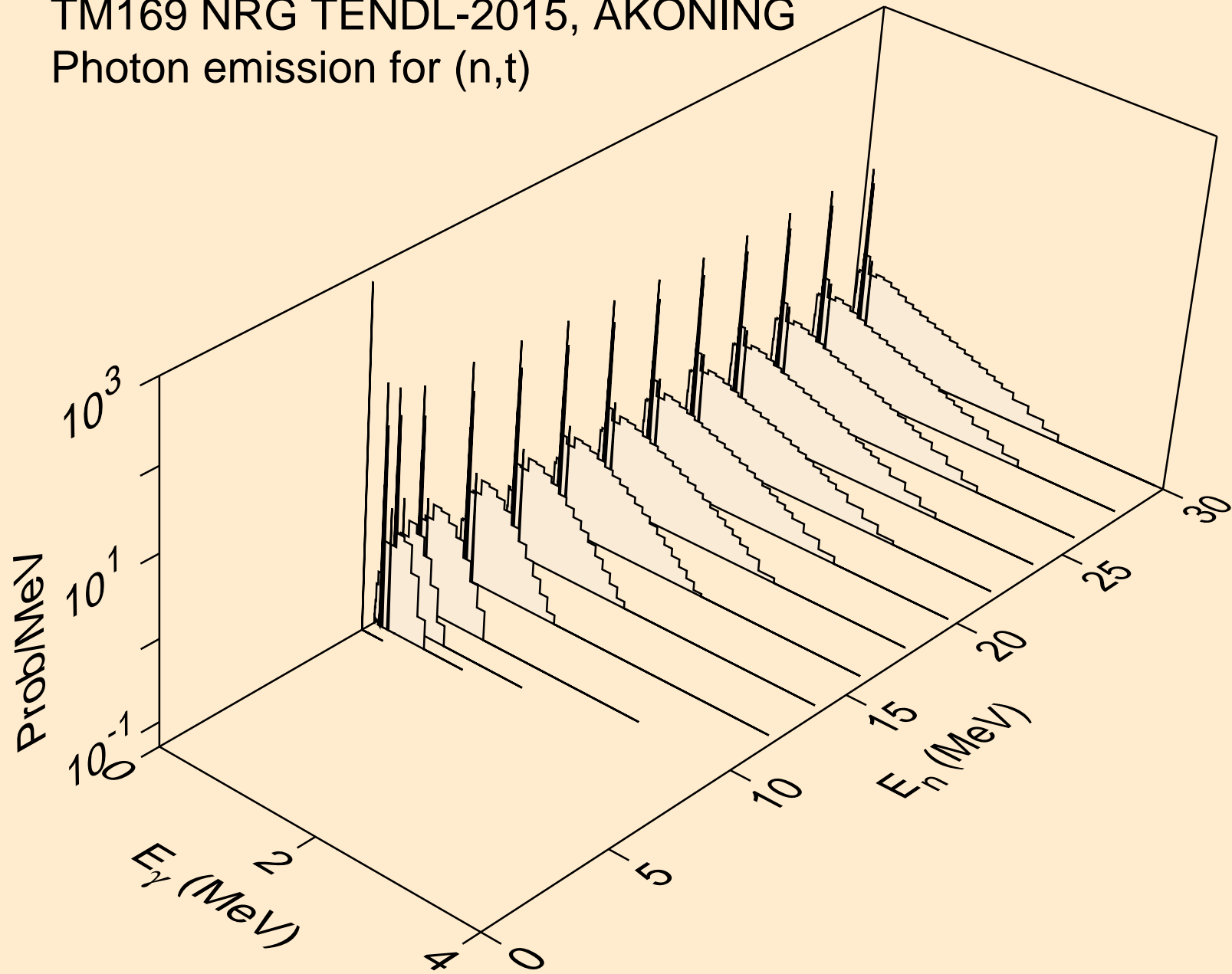
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



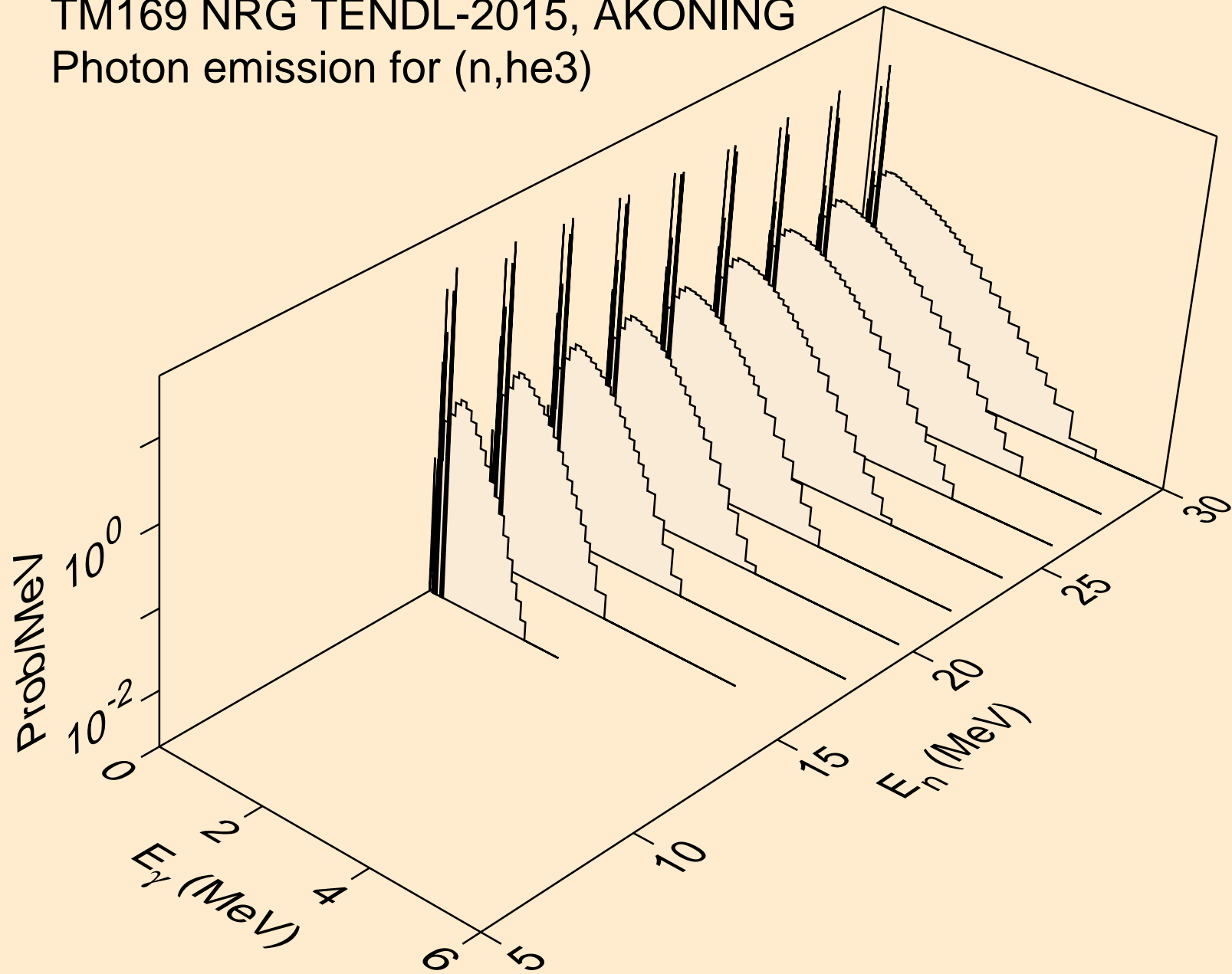
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

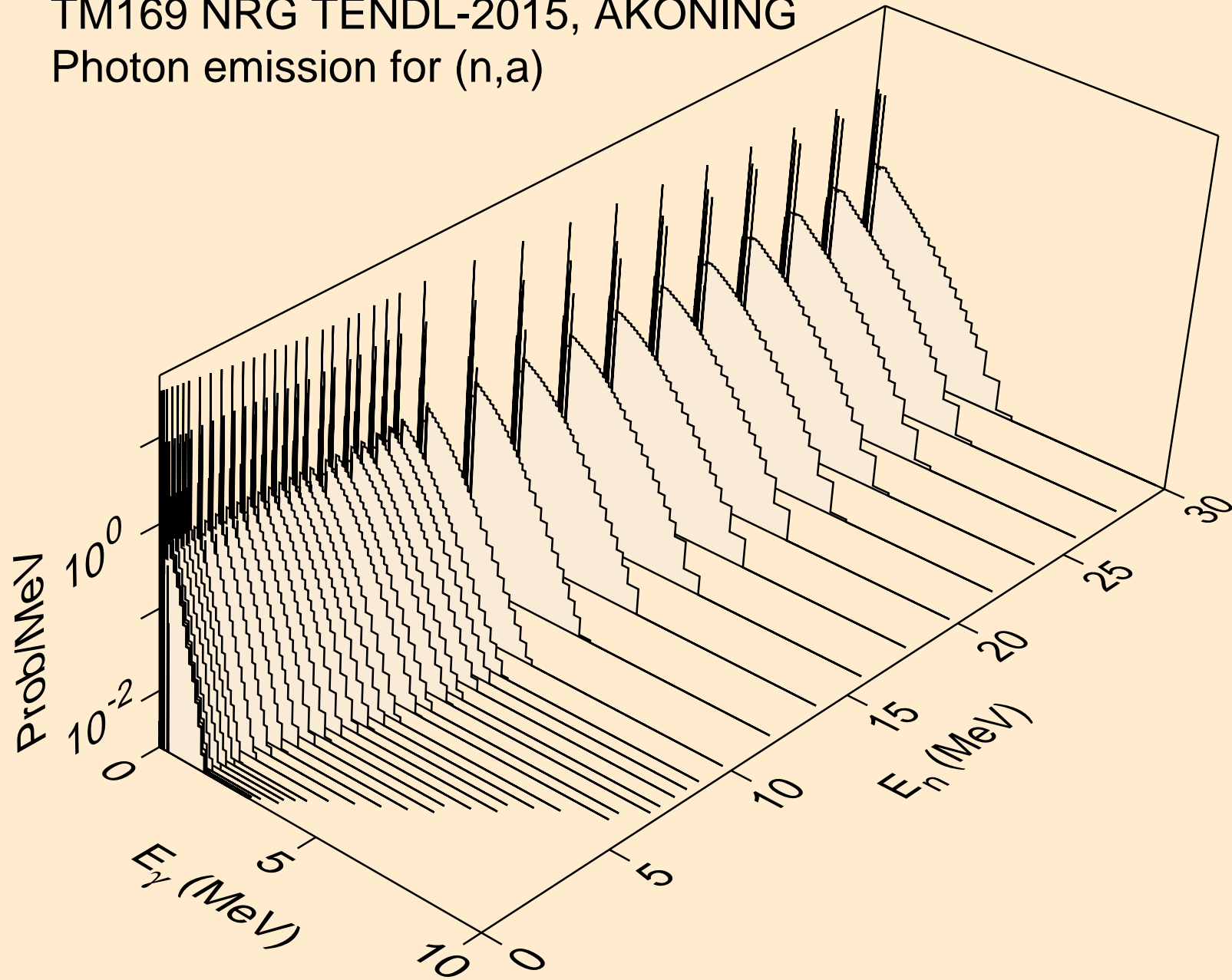


TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

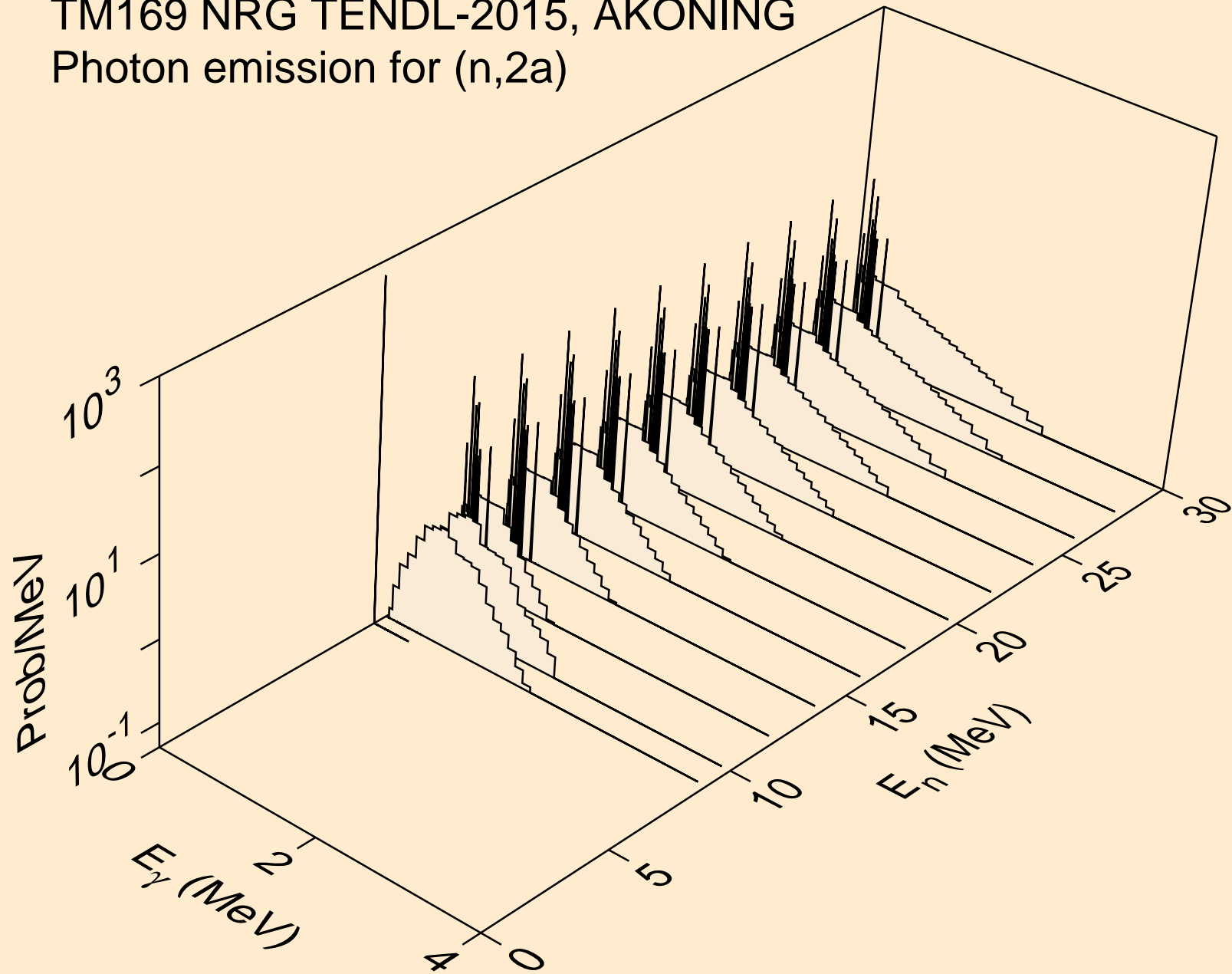




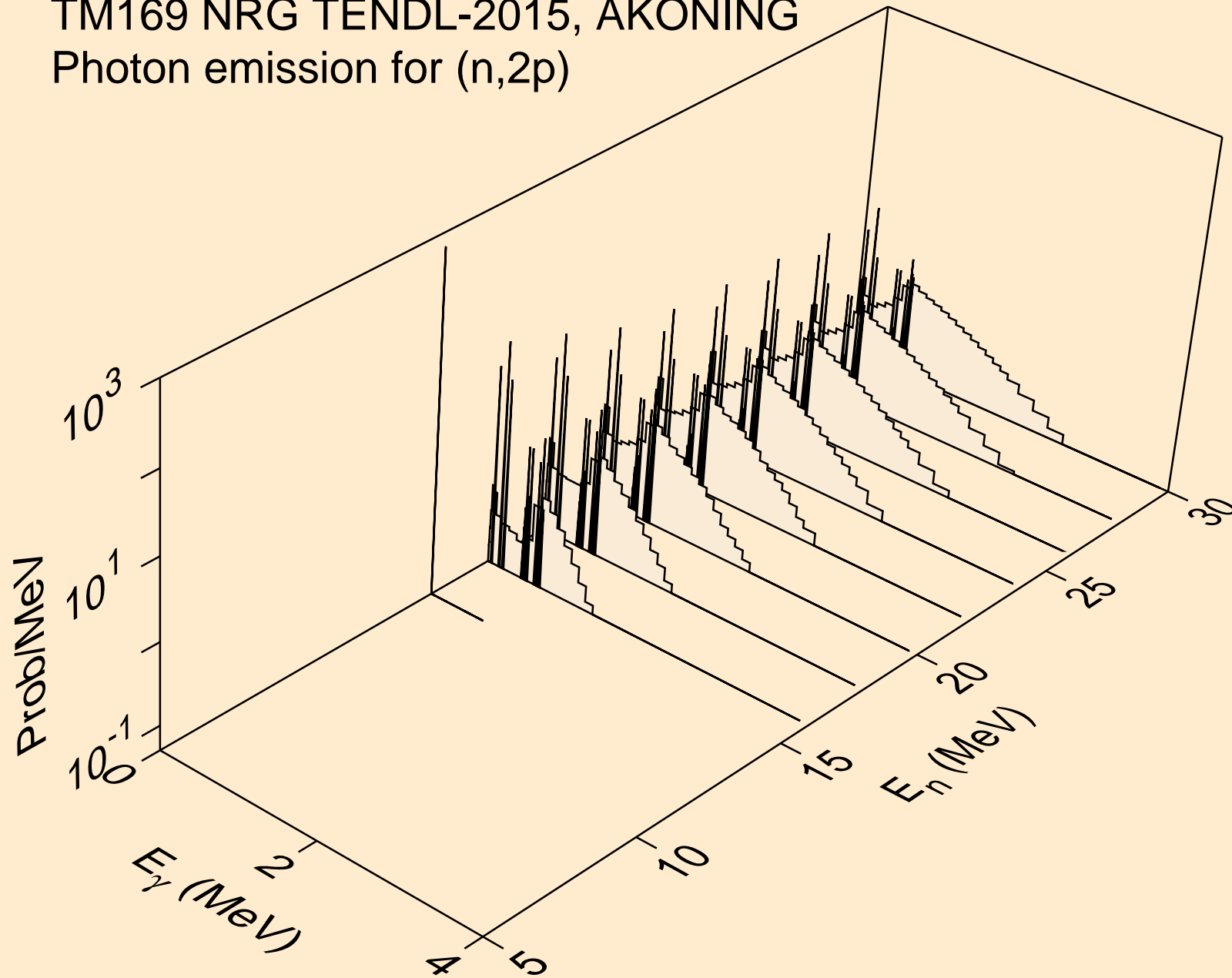
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



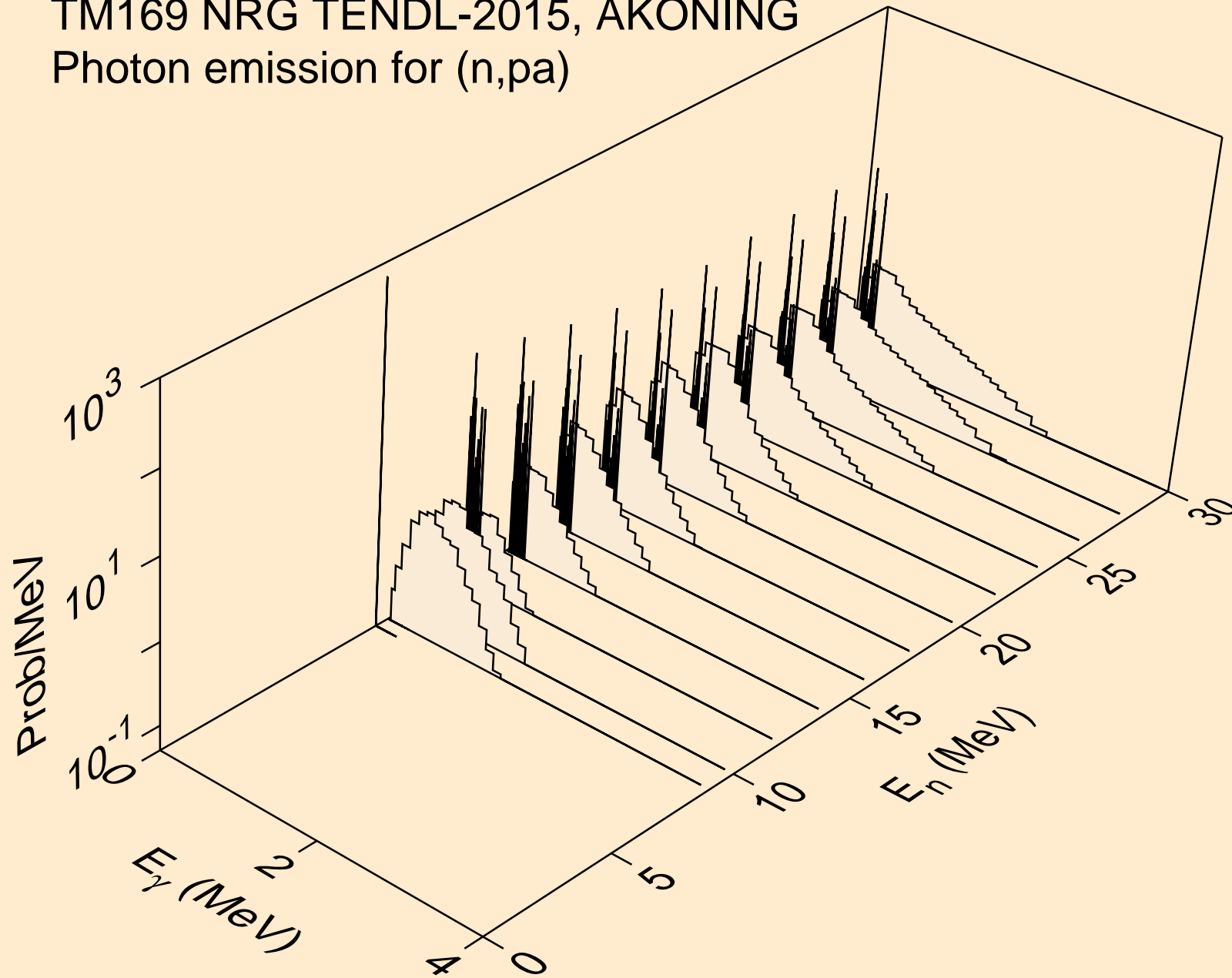
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



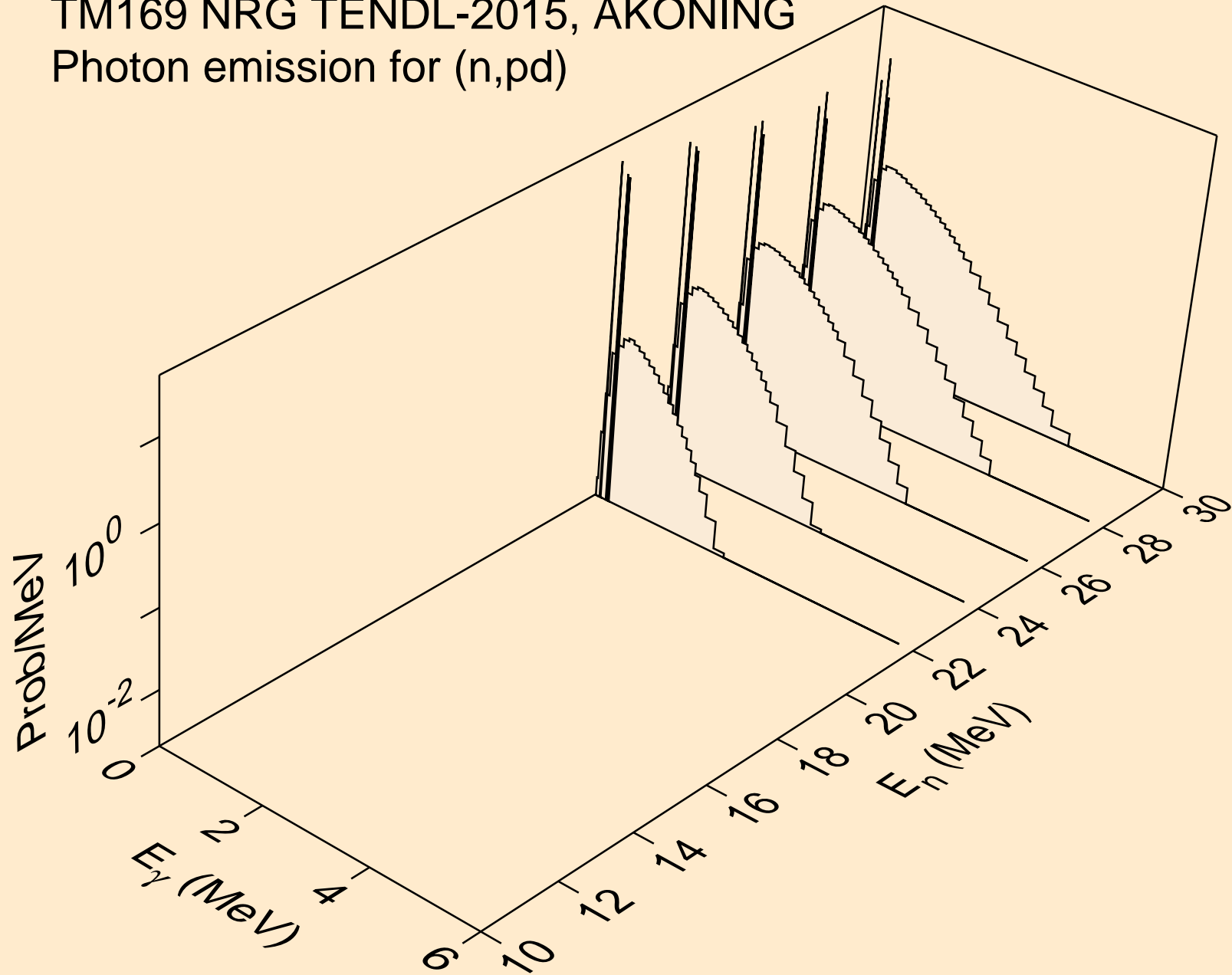
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



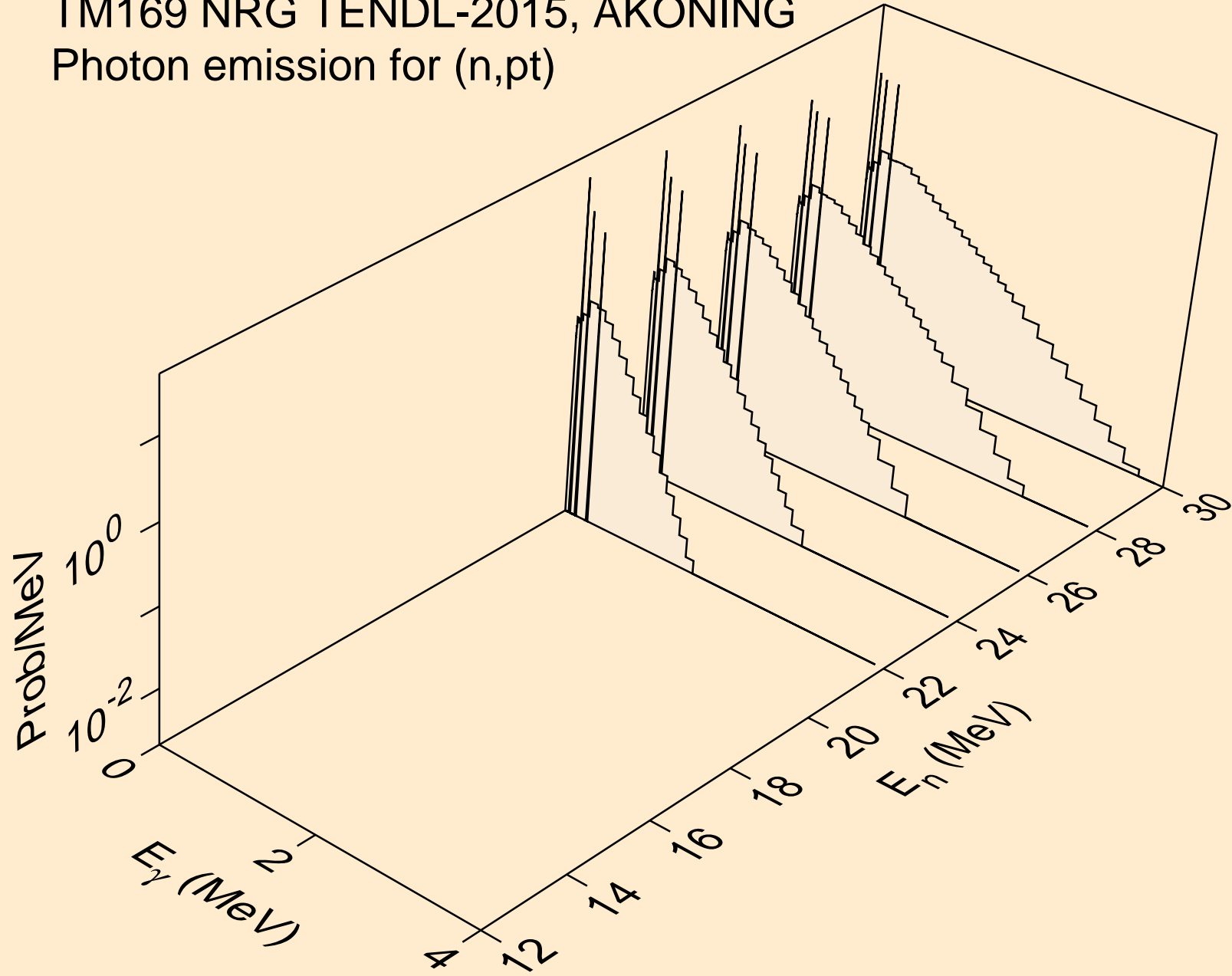
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



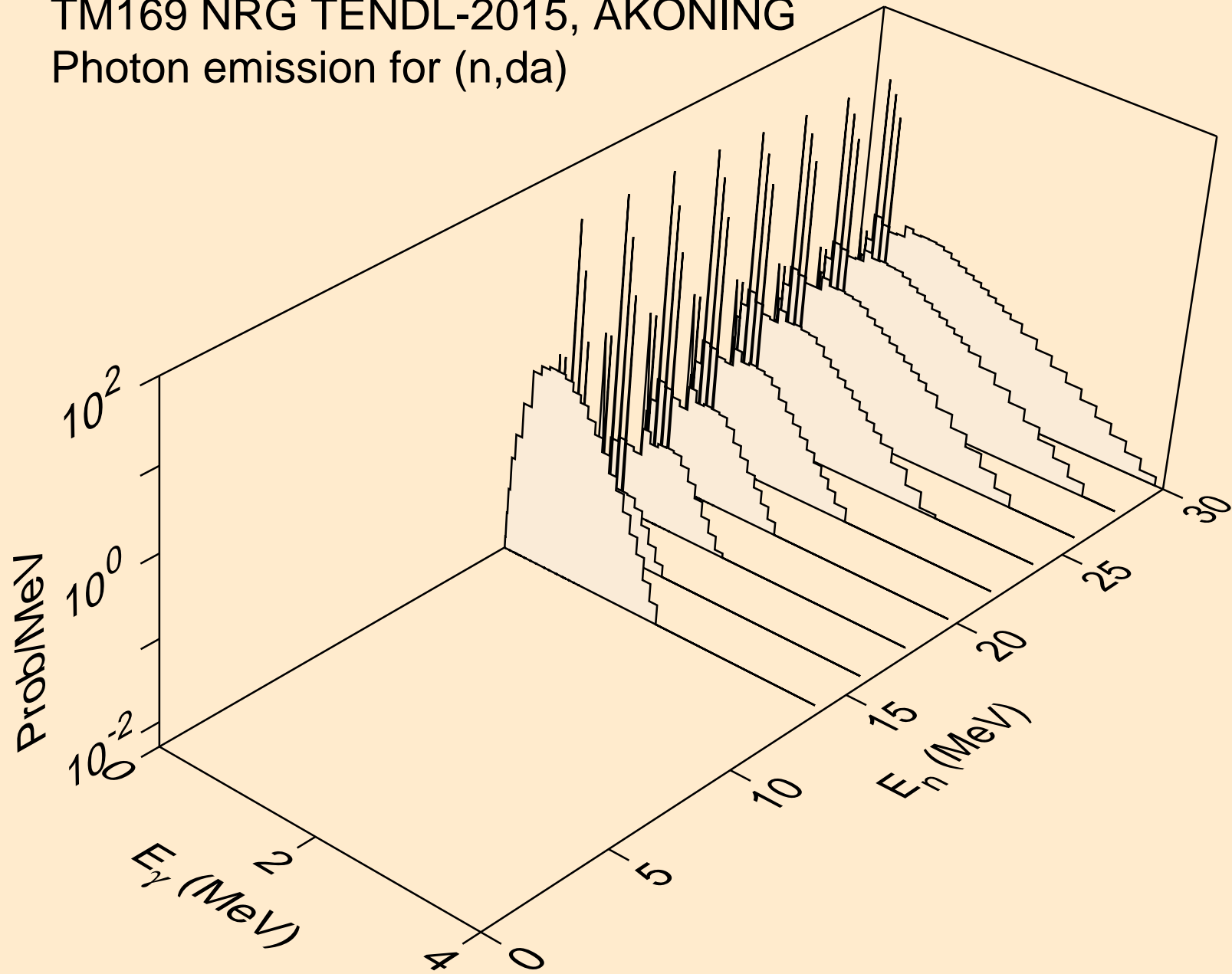
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



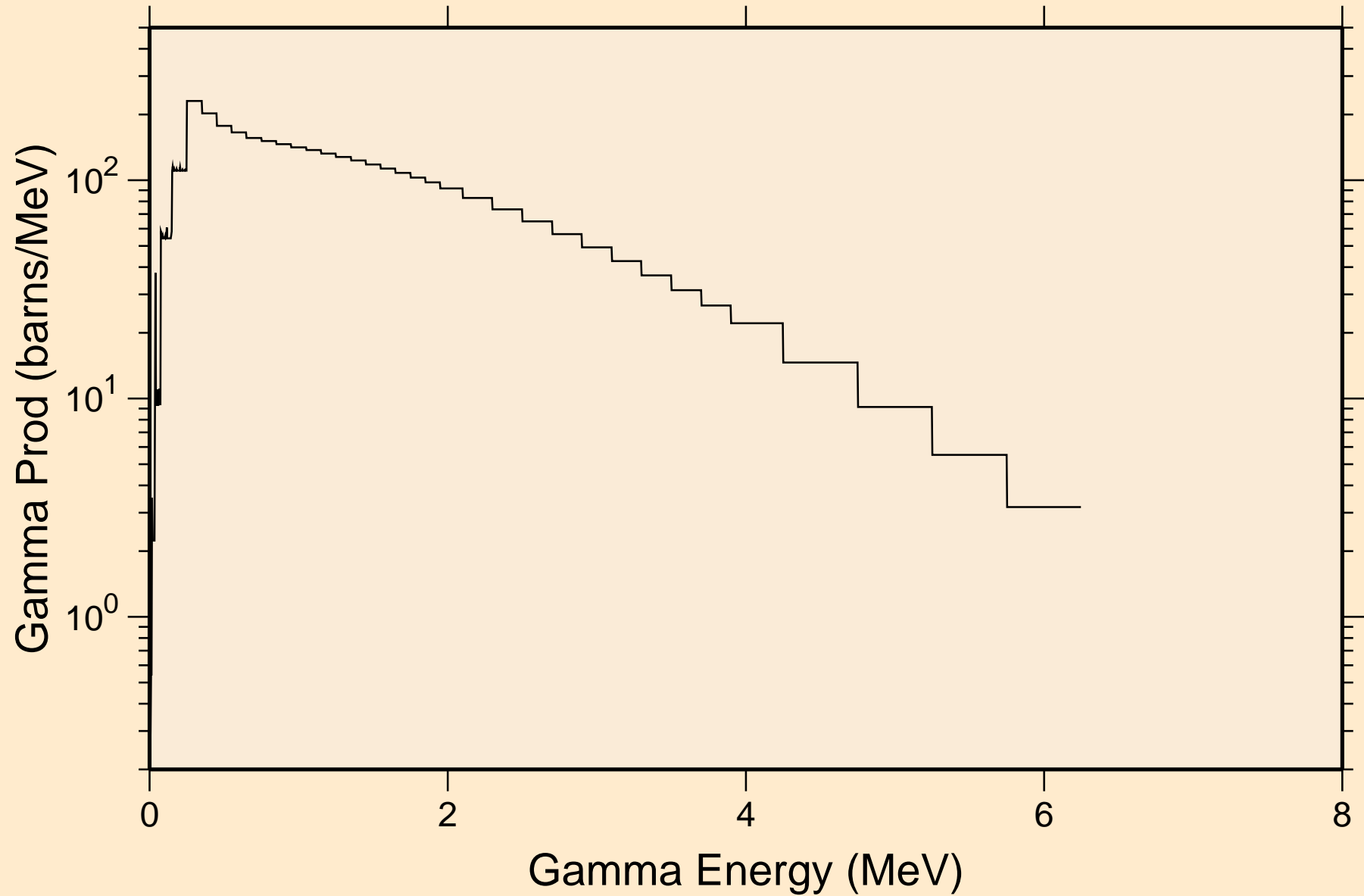
TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



TM169 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

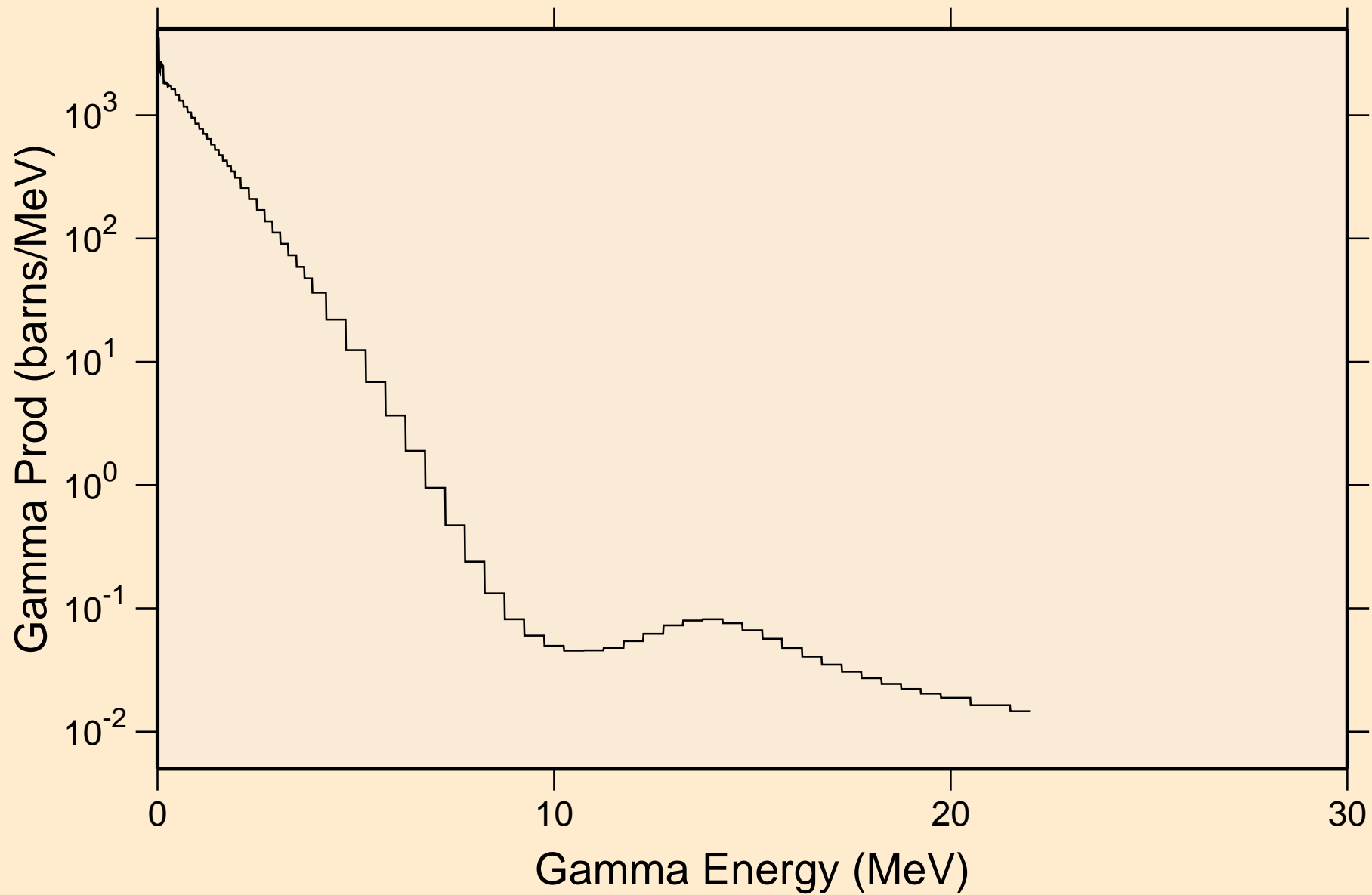


TM169 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



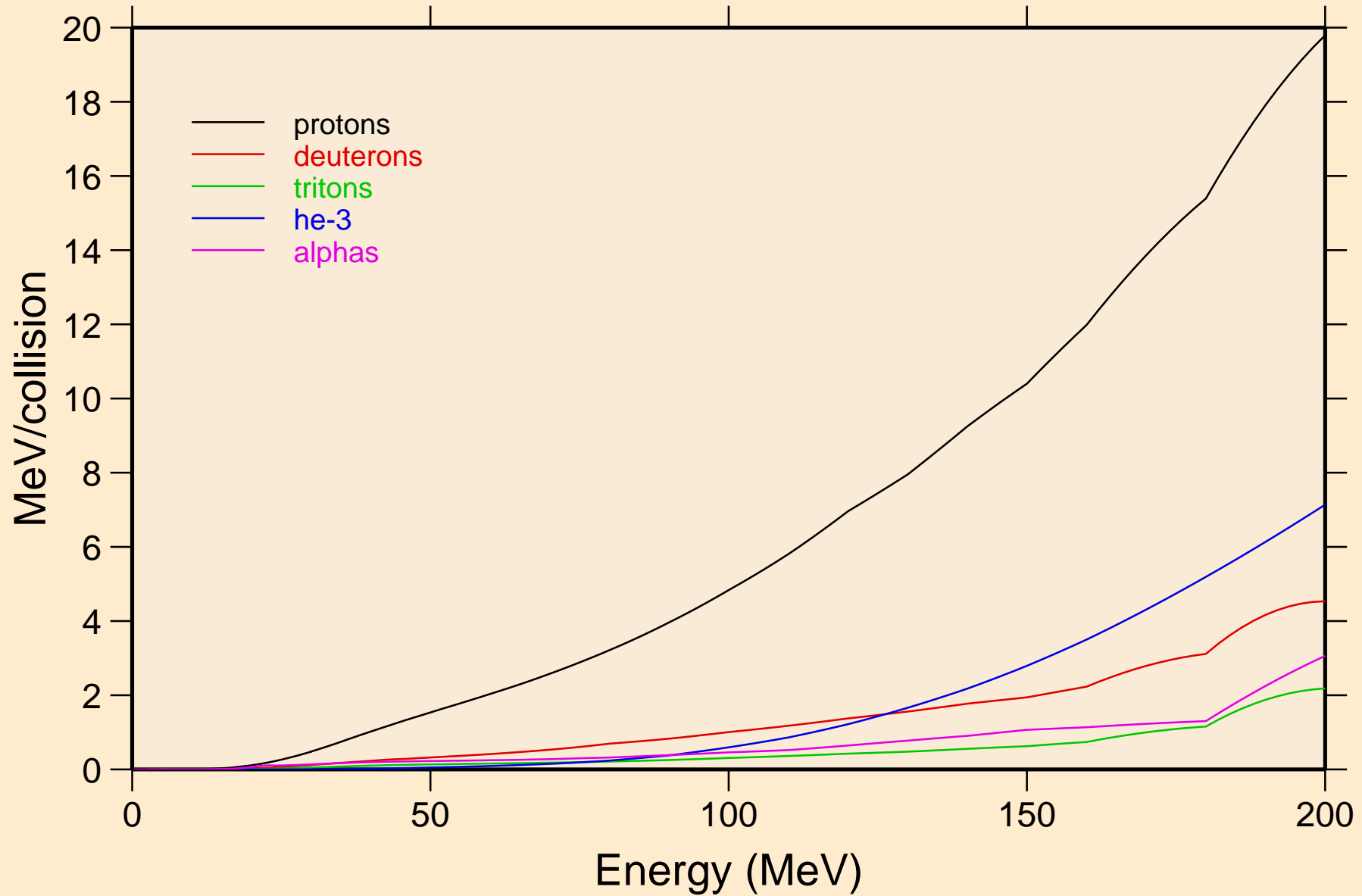


TM169 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



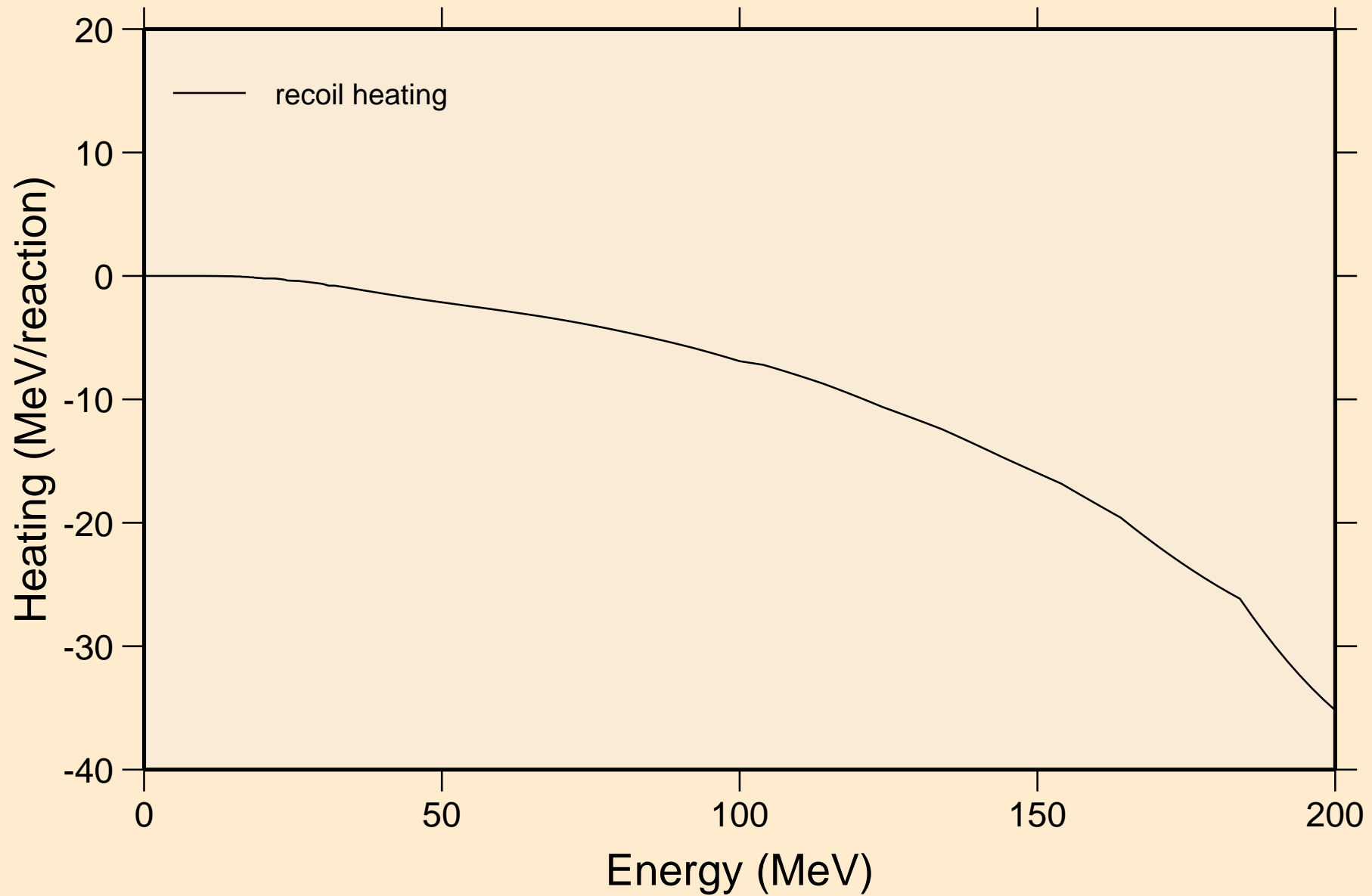
# TM169 NRG TENDL-2015, AKONING

## Particle heating contributions



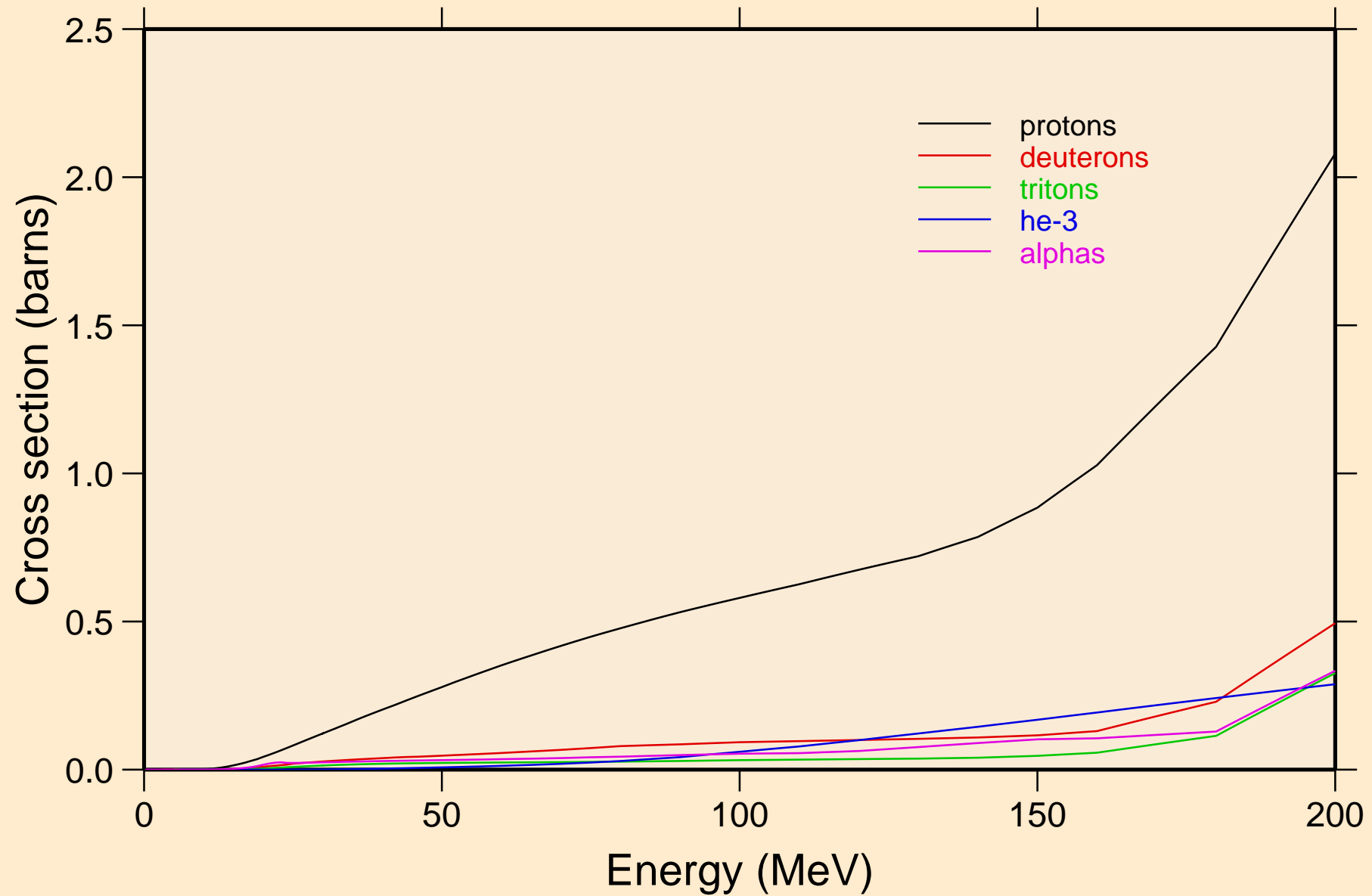
# TM169 NRG TENDL-2015, AKONING

## Recoil Heating

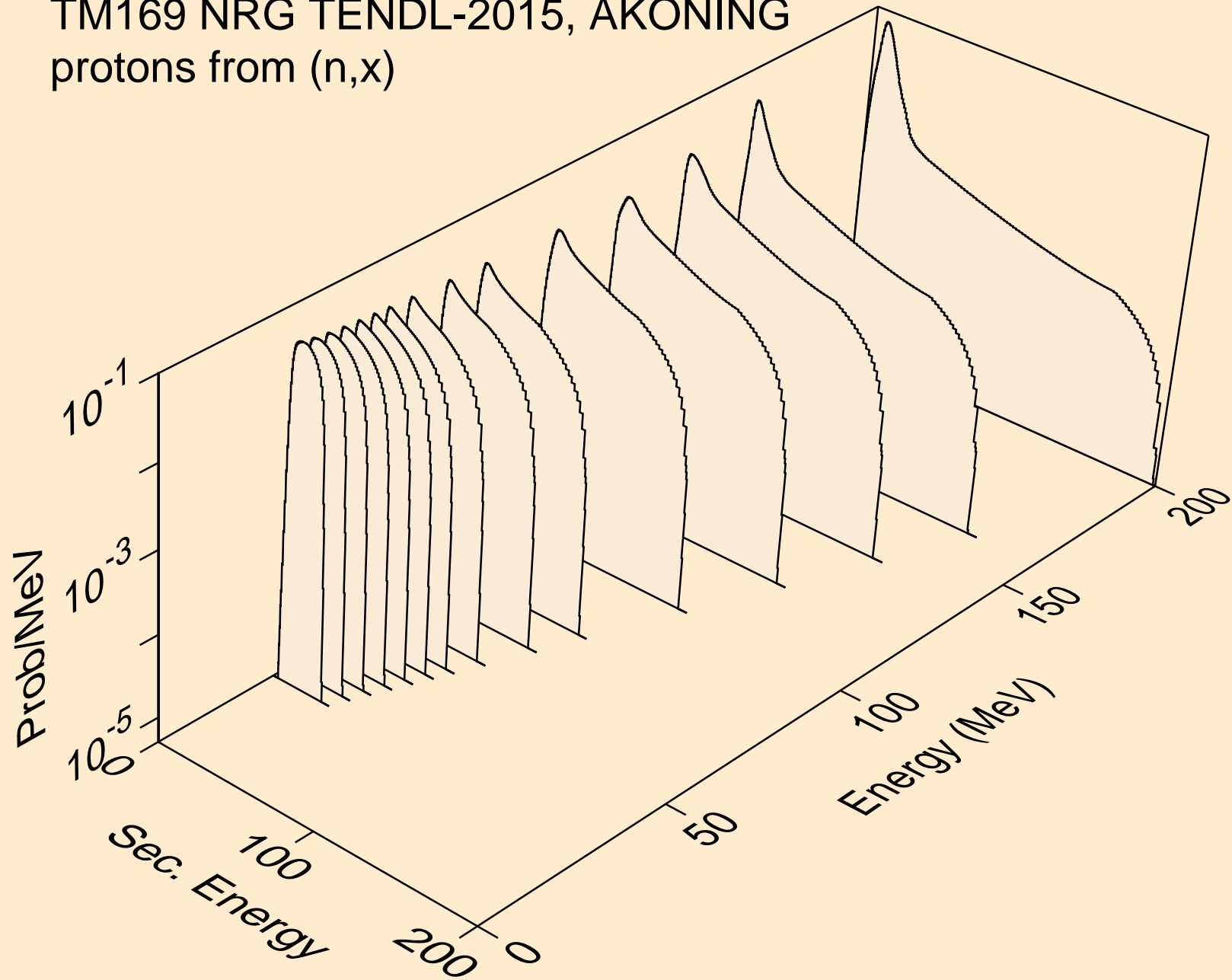


# TM169 NRG TENDL-2015, AKONING

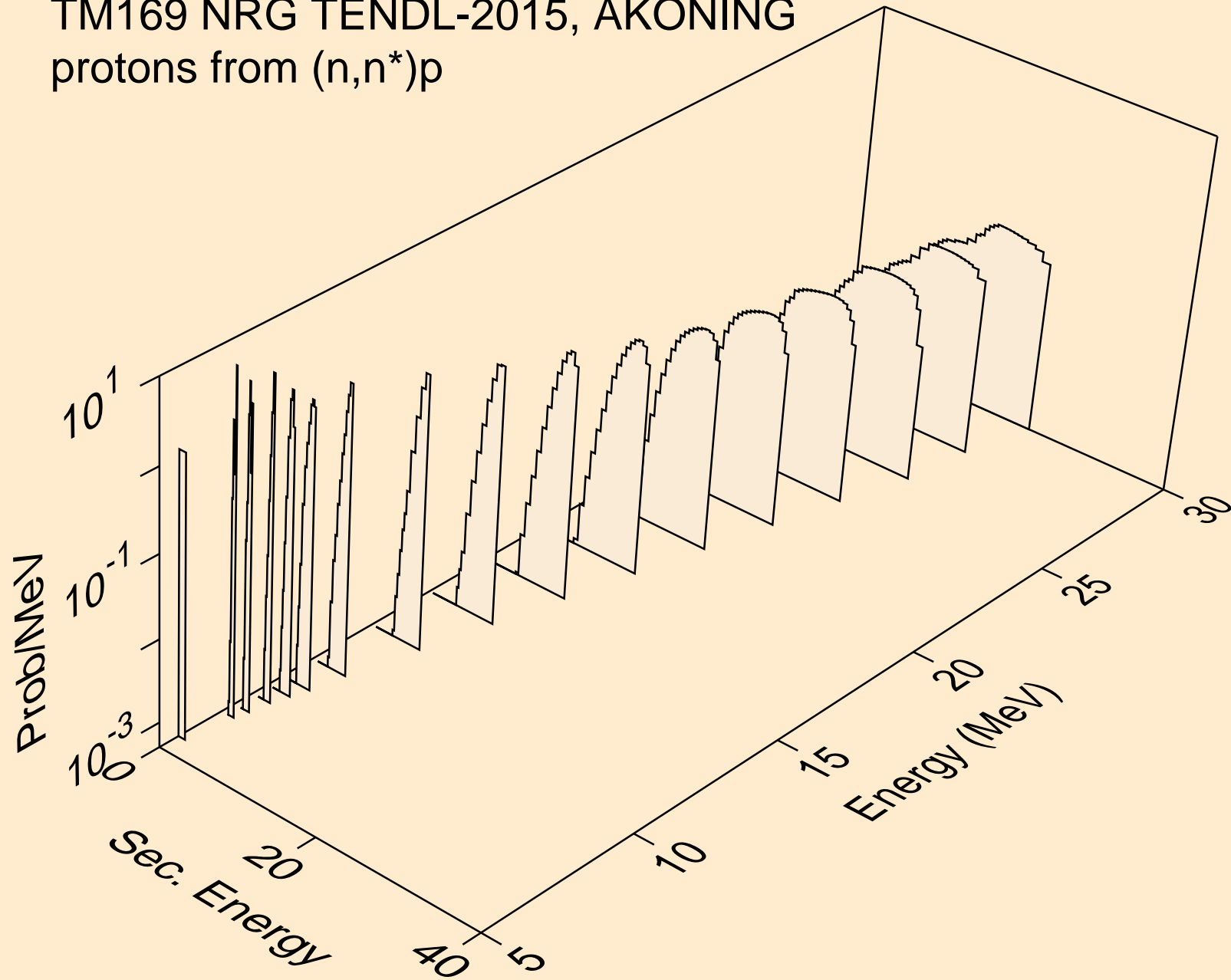
## Particle production cross sections



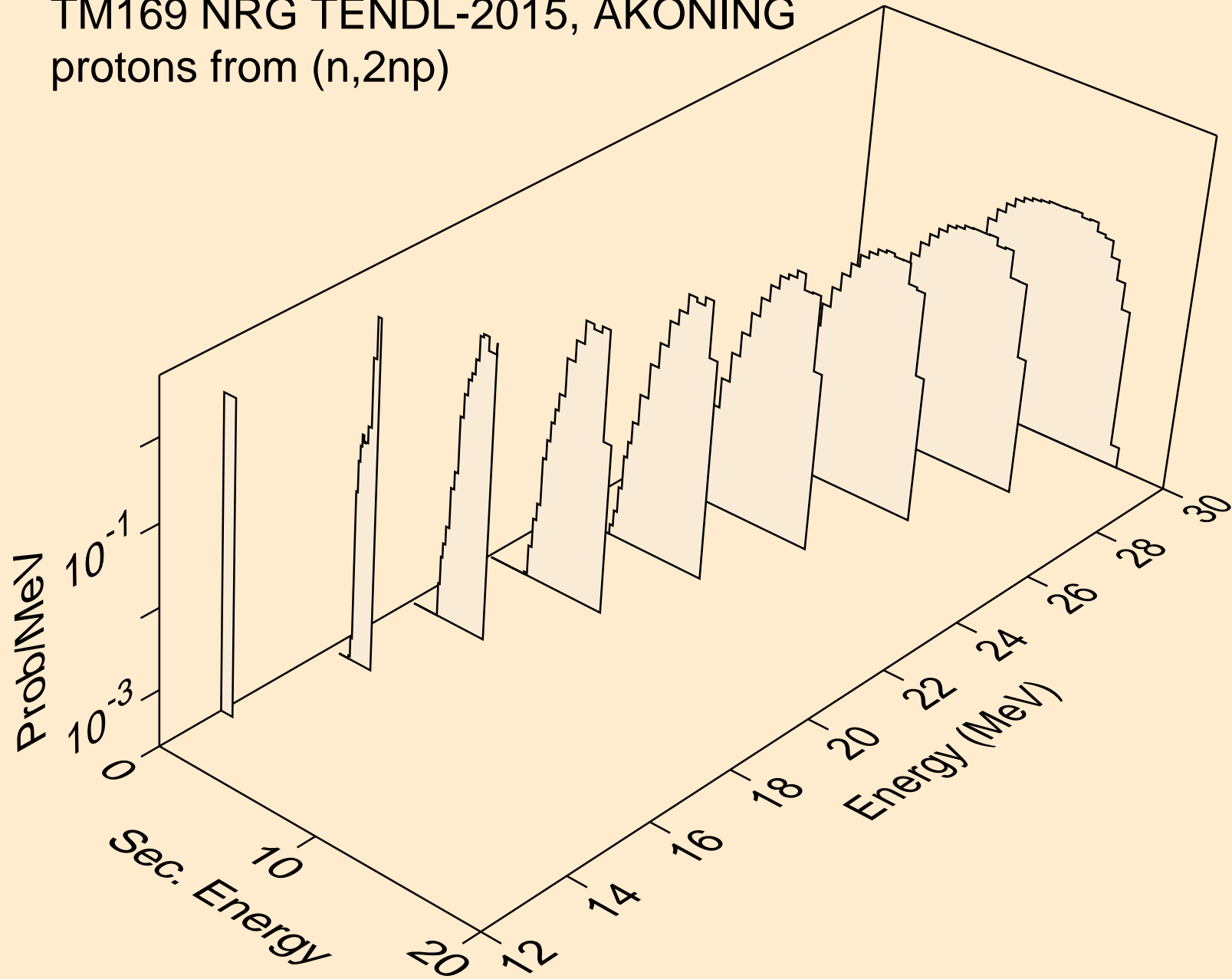
TM169 NRG TENDL-2015, AKONING  
protons from (n,x)



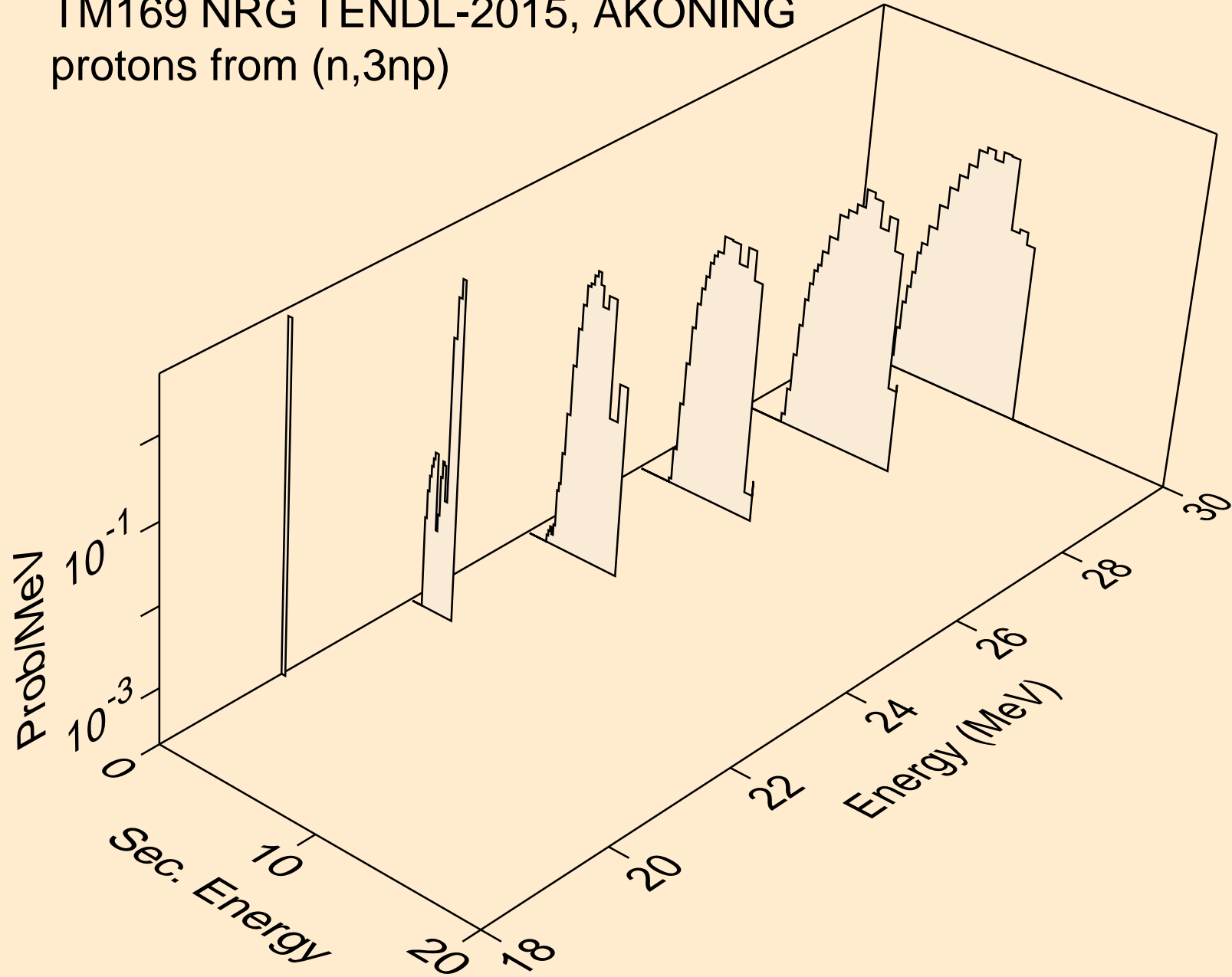
TM169 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



TM169 NRG TENDL-2015, AKONING  
protons from (n,2np)

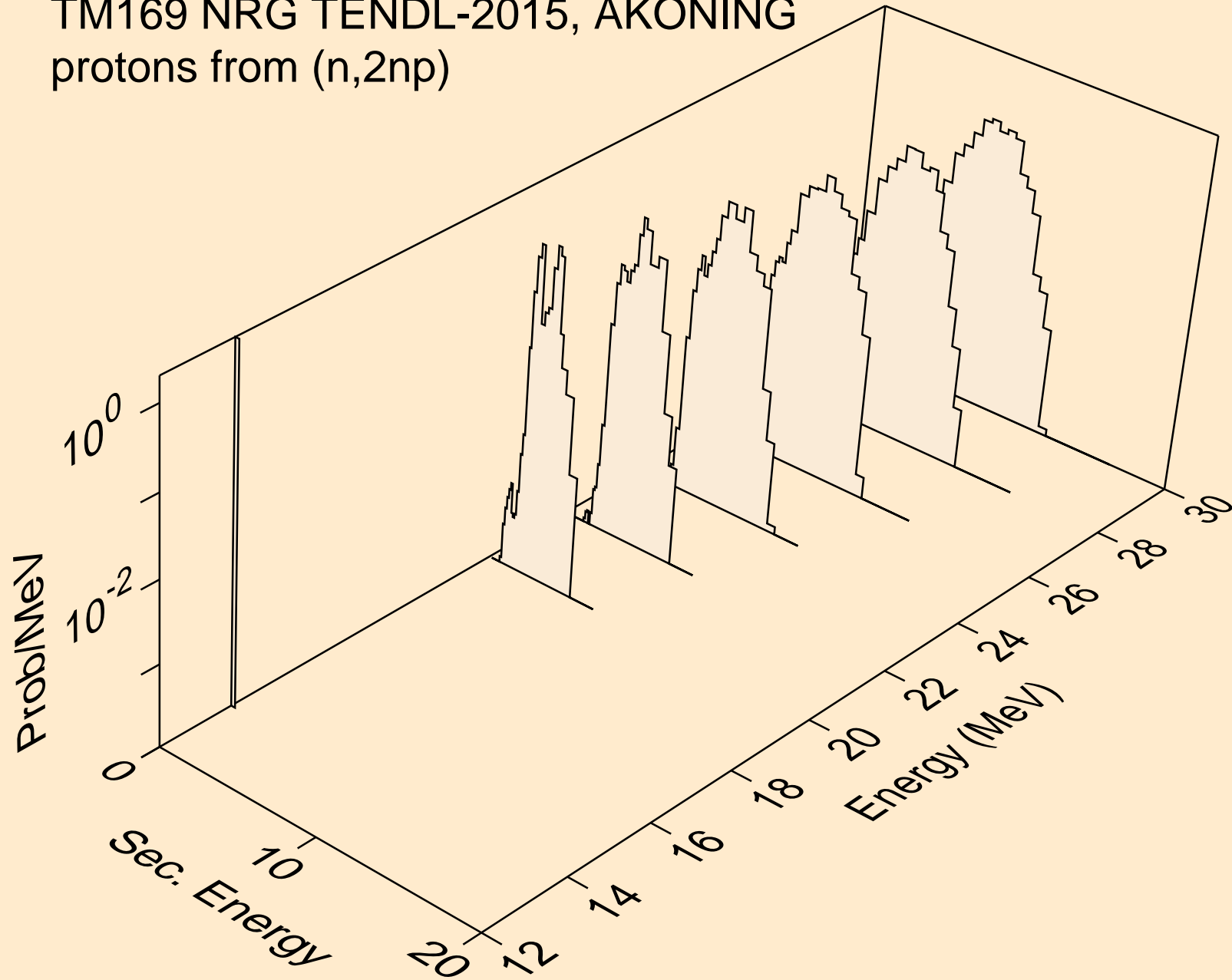


TM169 NRG TENDL-2015, AKONING  
protons from (n,3np)

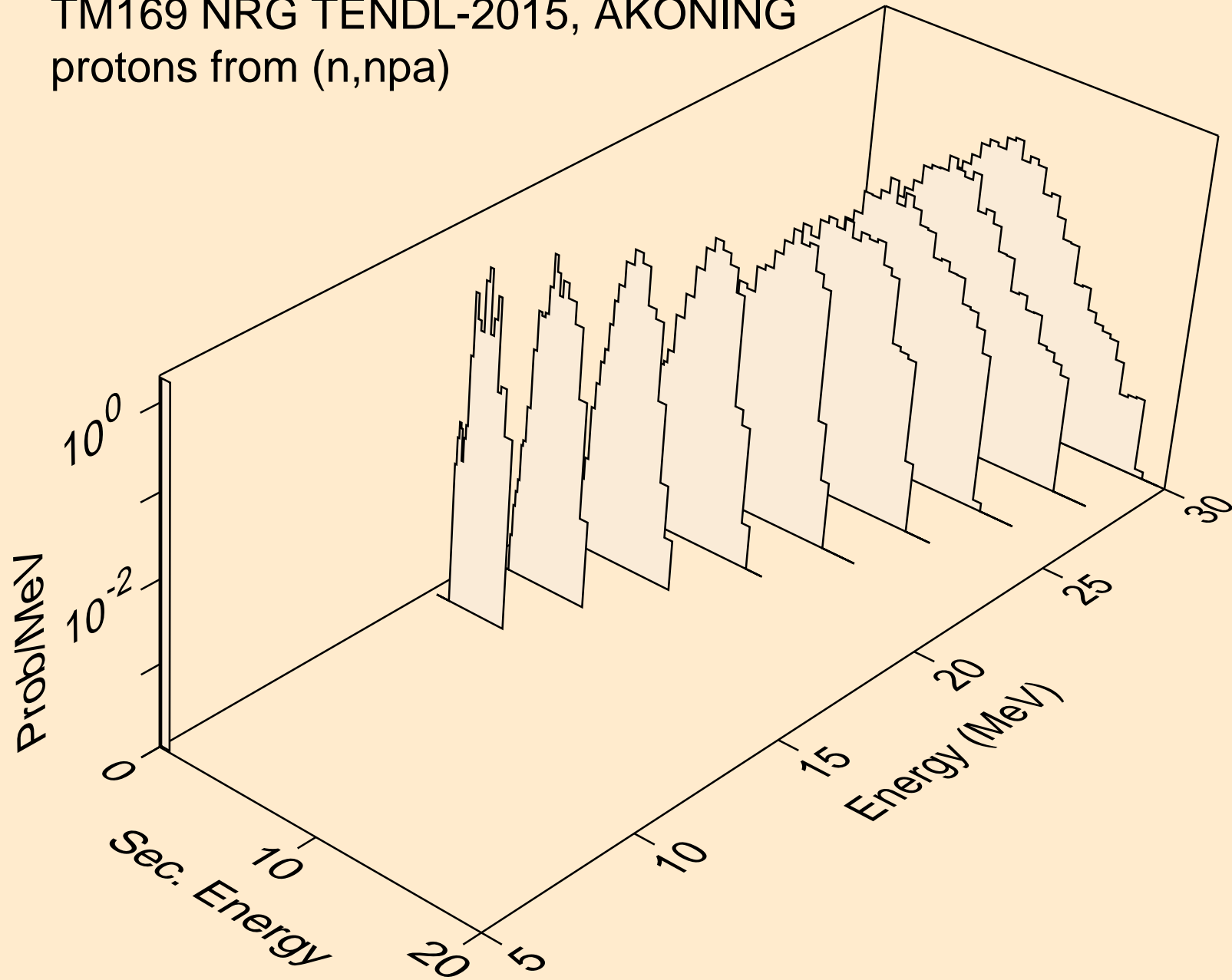




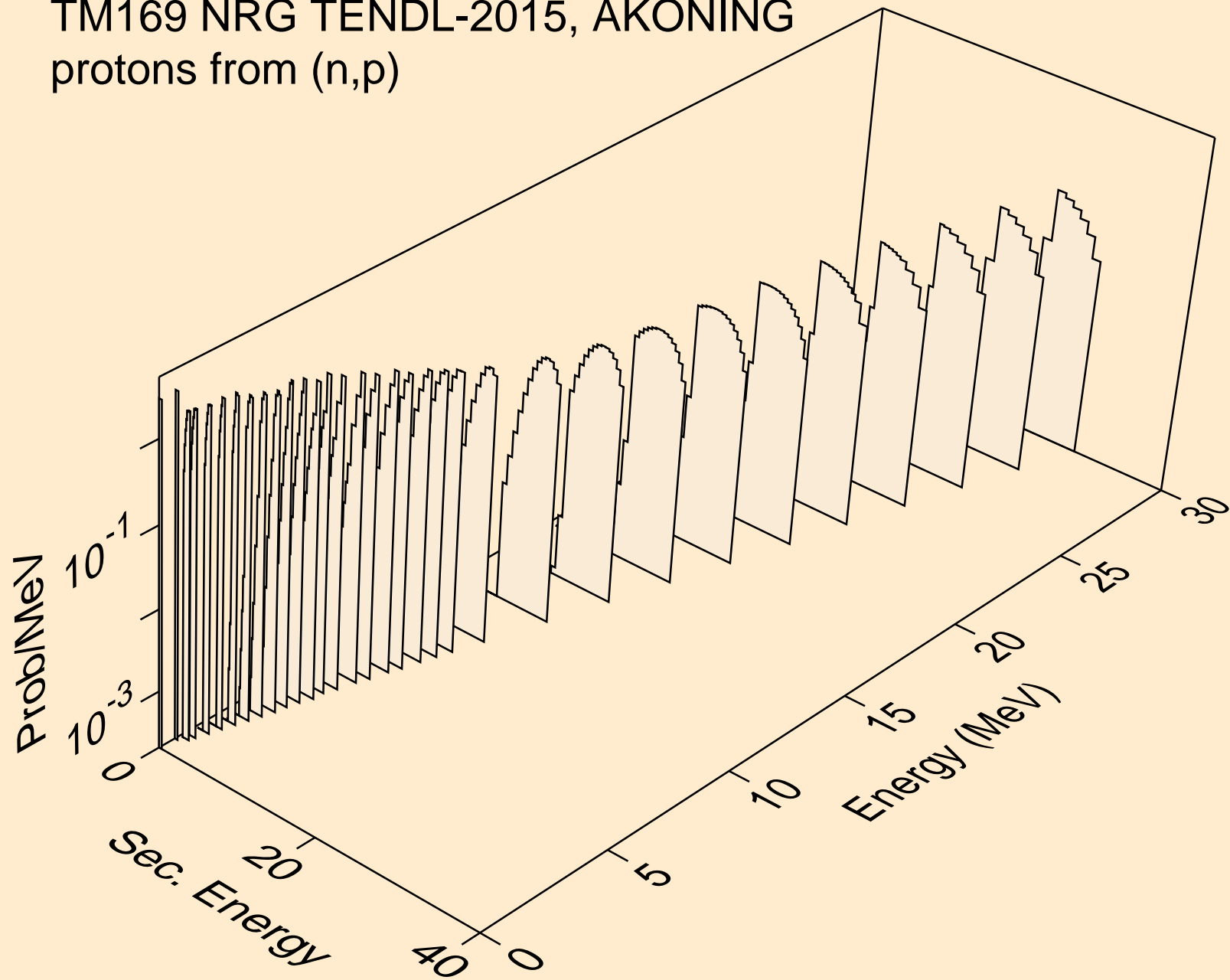
TM169 NRG TENDL-2015, AKONING  
protons from (n,2np)



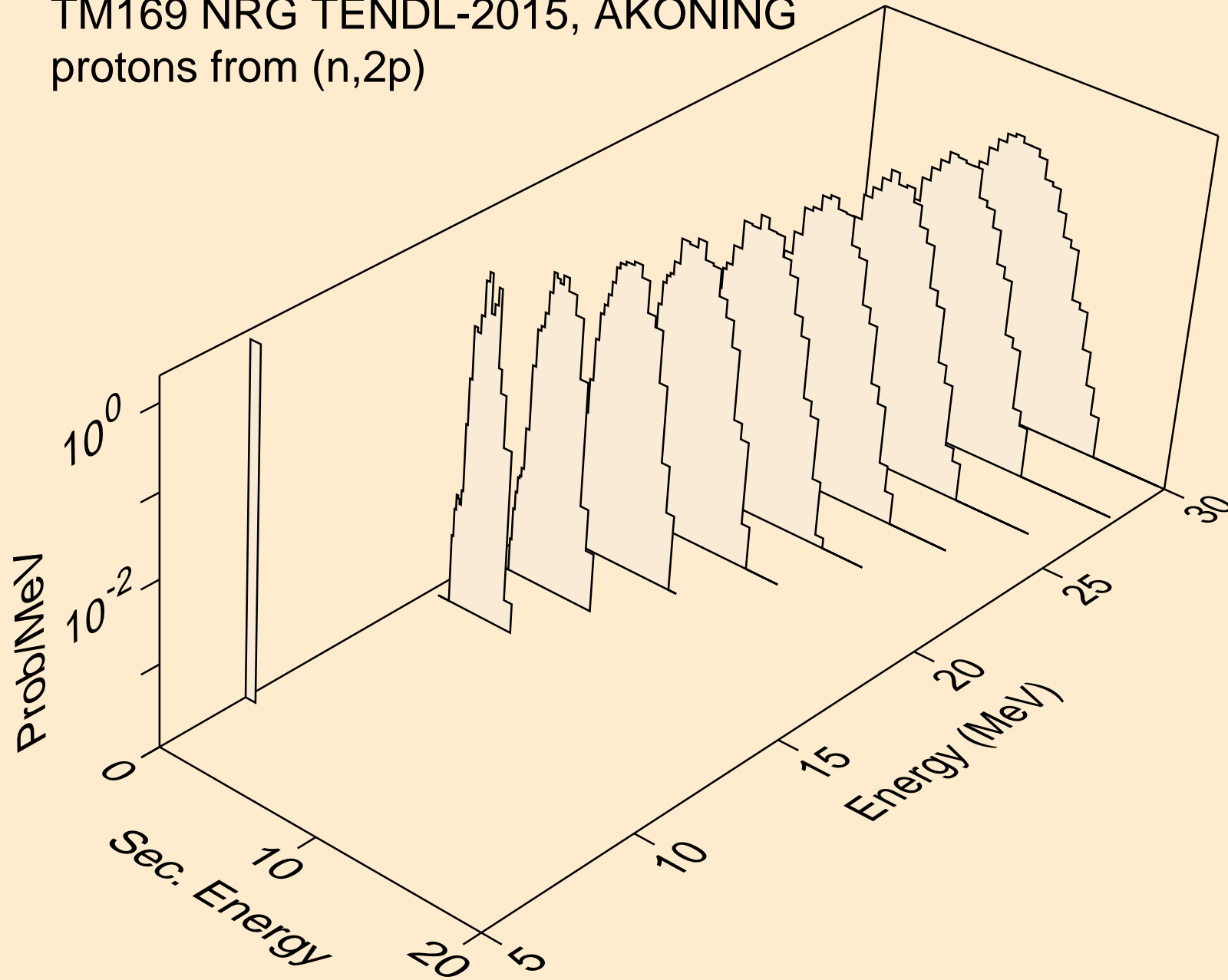
TM169 NRG TENDL-2015, AKONING  
protons from (n,npa)



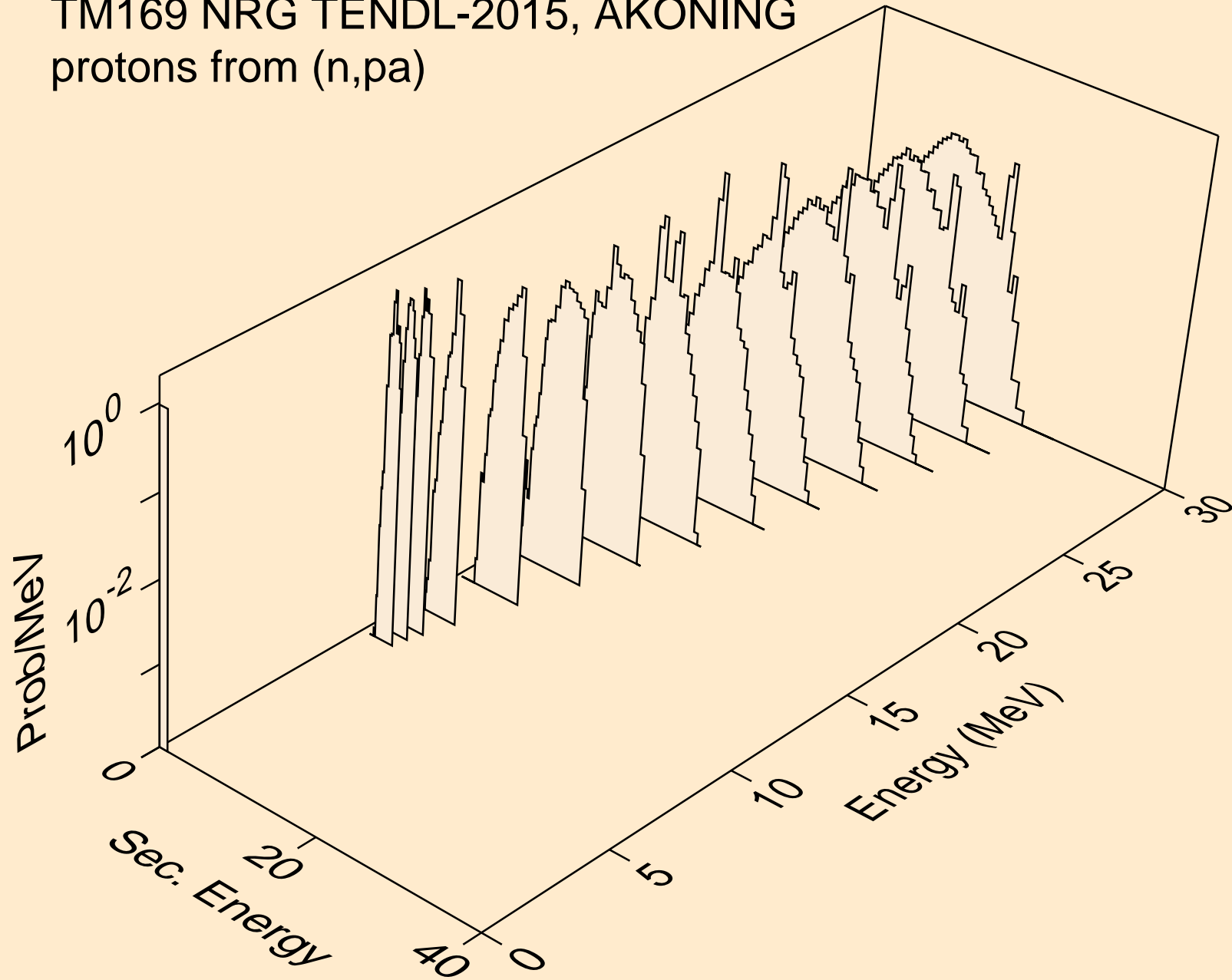
TM169 NRG TENDL-2015, AKONING  
protons from (n,p)



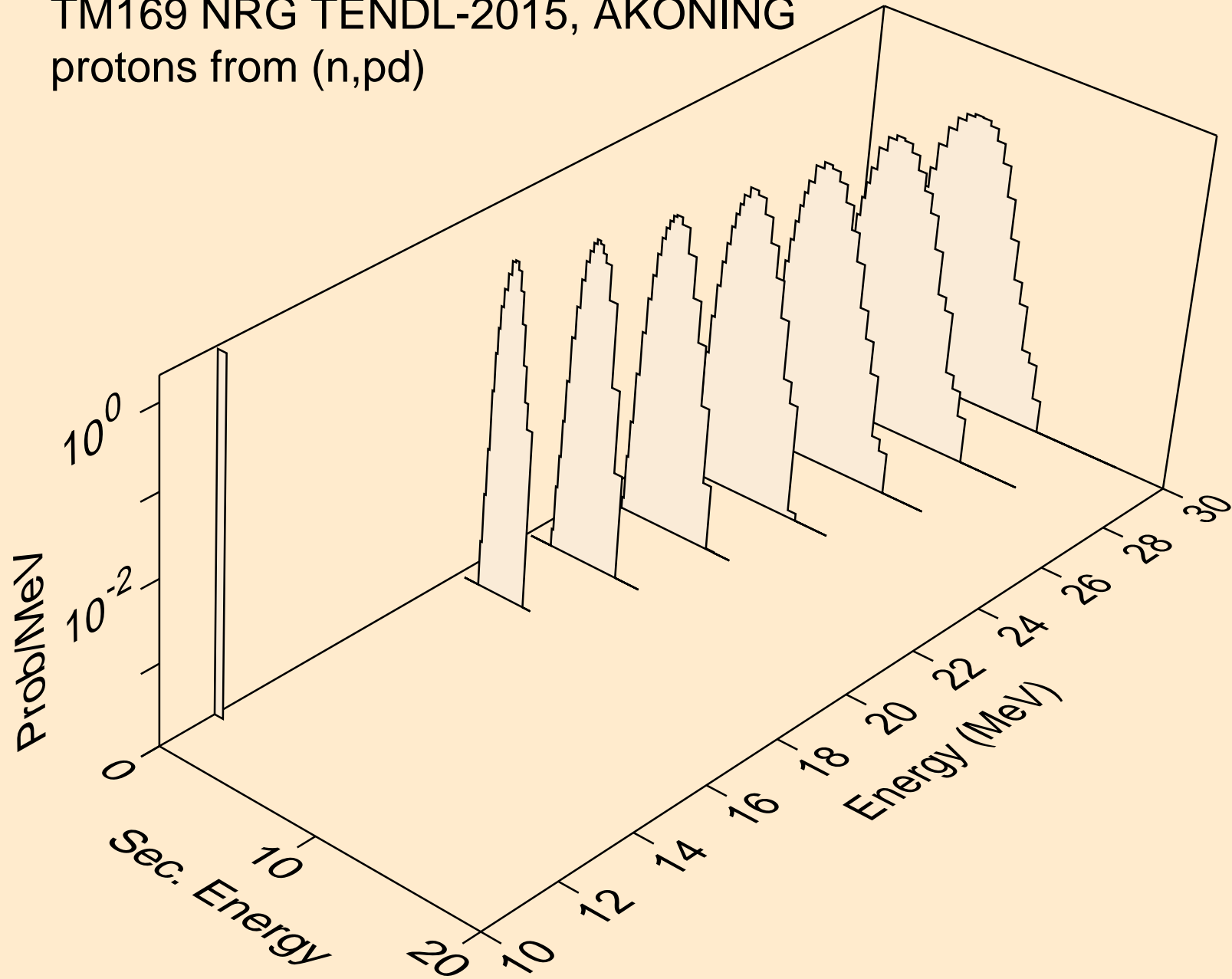
TM169 NRG TENDL-2015, AKONING  
protons from (n,2p)



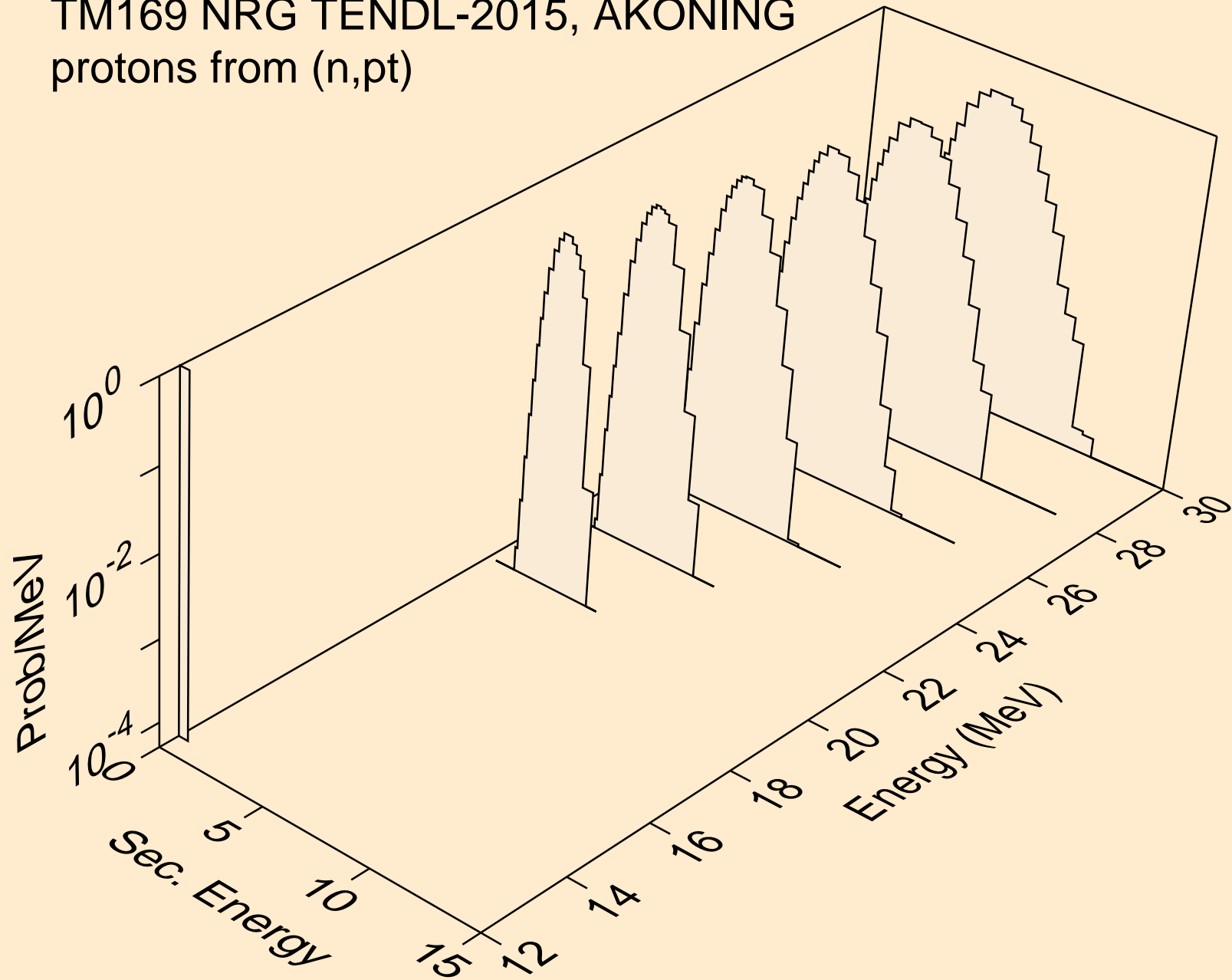
TM169 NRG TENDL-2015, AKONING  
protons from (n,pa)



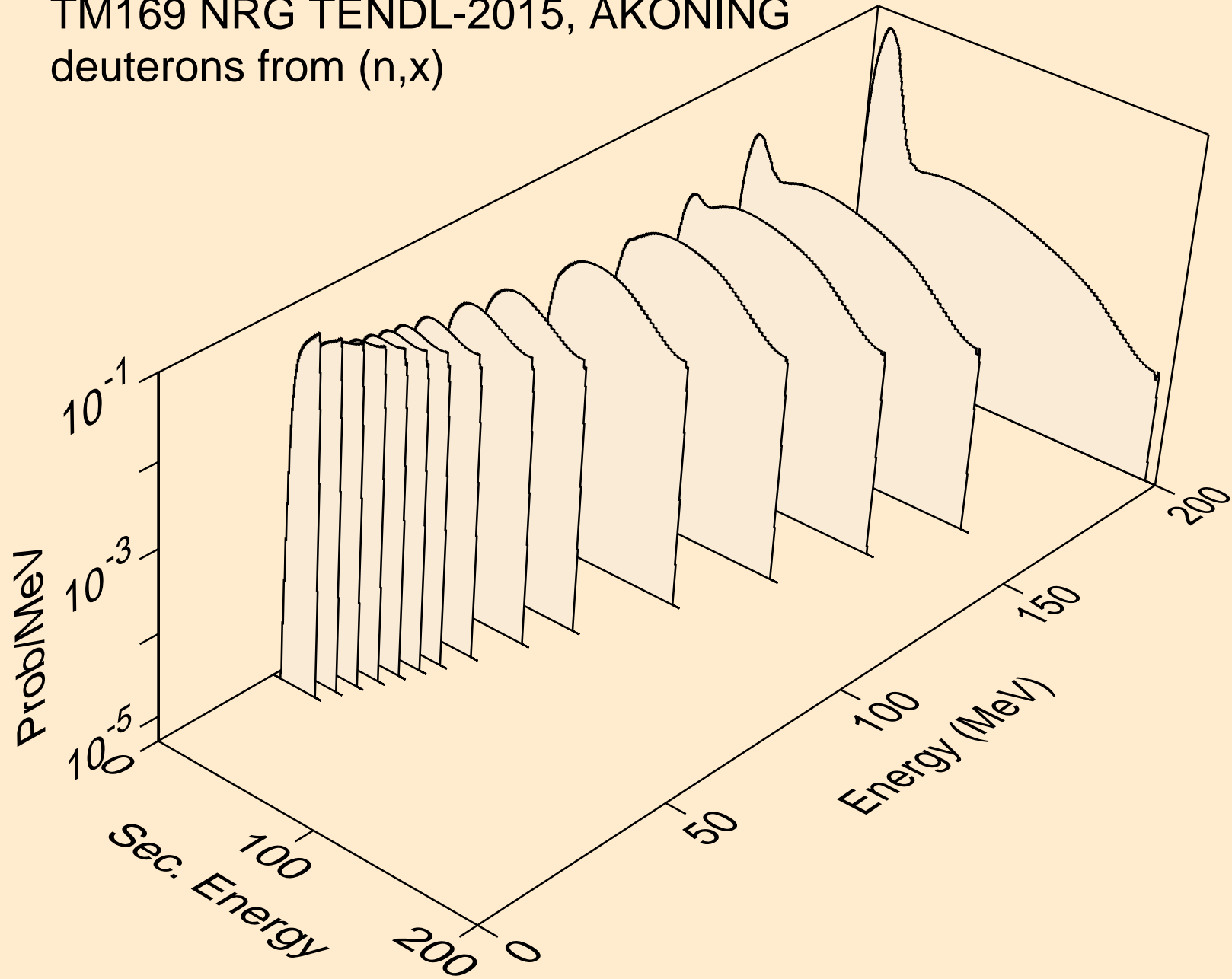
TM169 NRG TENDL-2015, AKONING  
protons from (n,pd)



TM169 NRG TENDL-2015, AKONING  
protons from (n,pt)

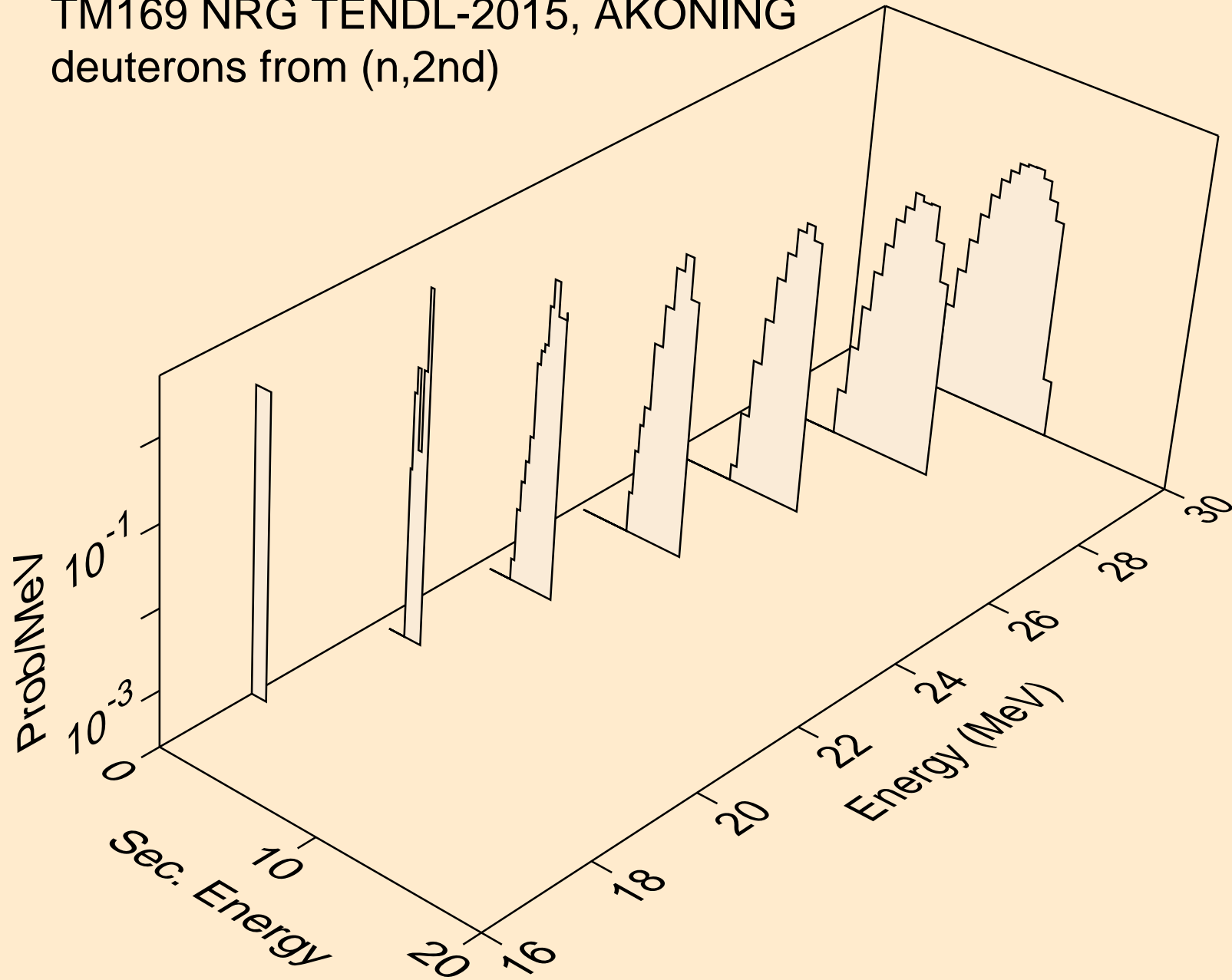


TM169 NRG TENDL-2015, AKONING  
deuterons from (n,x)

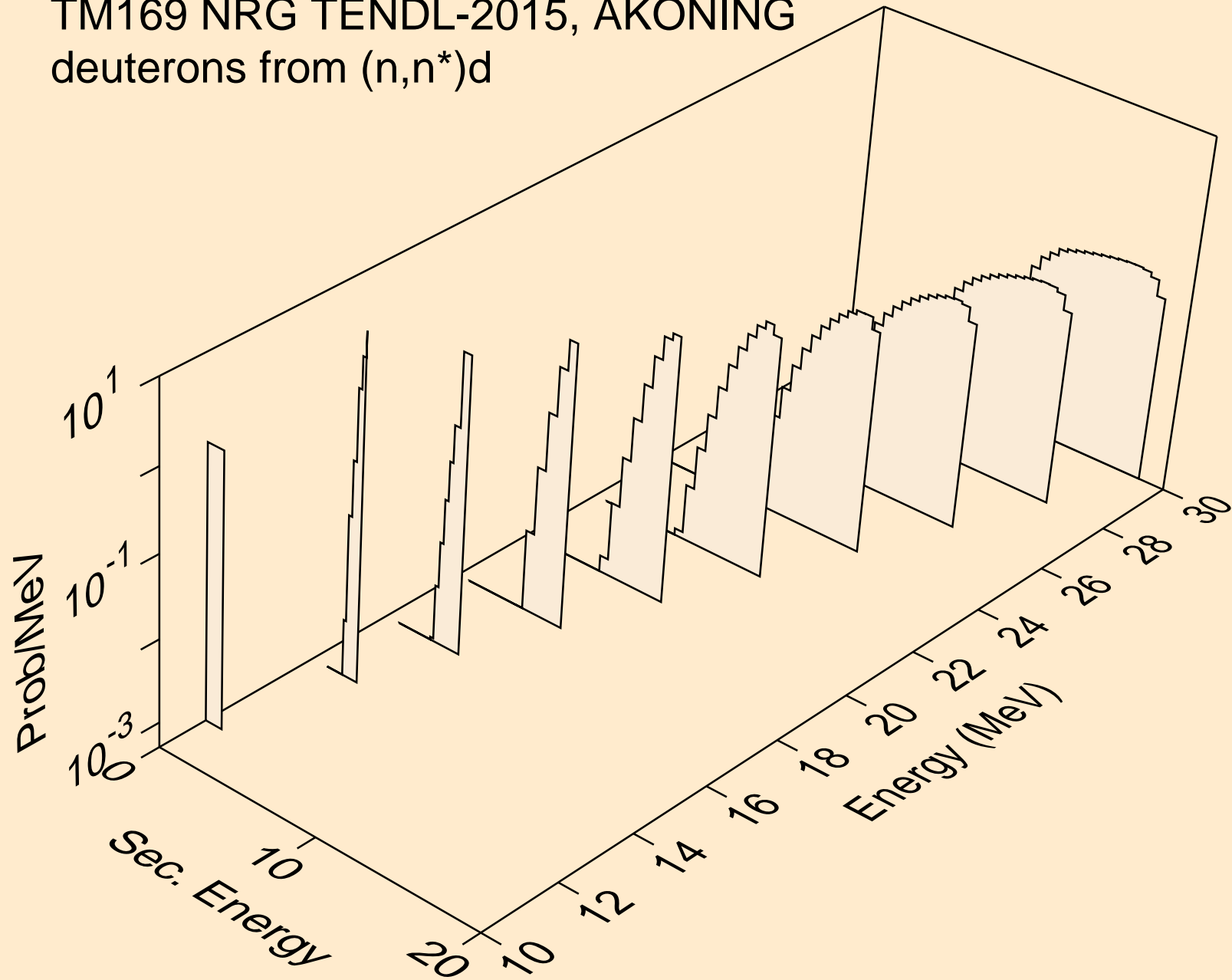




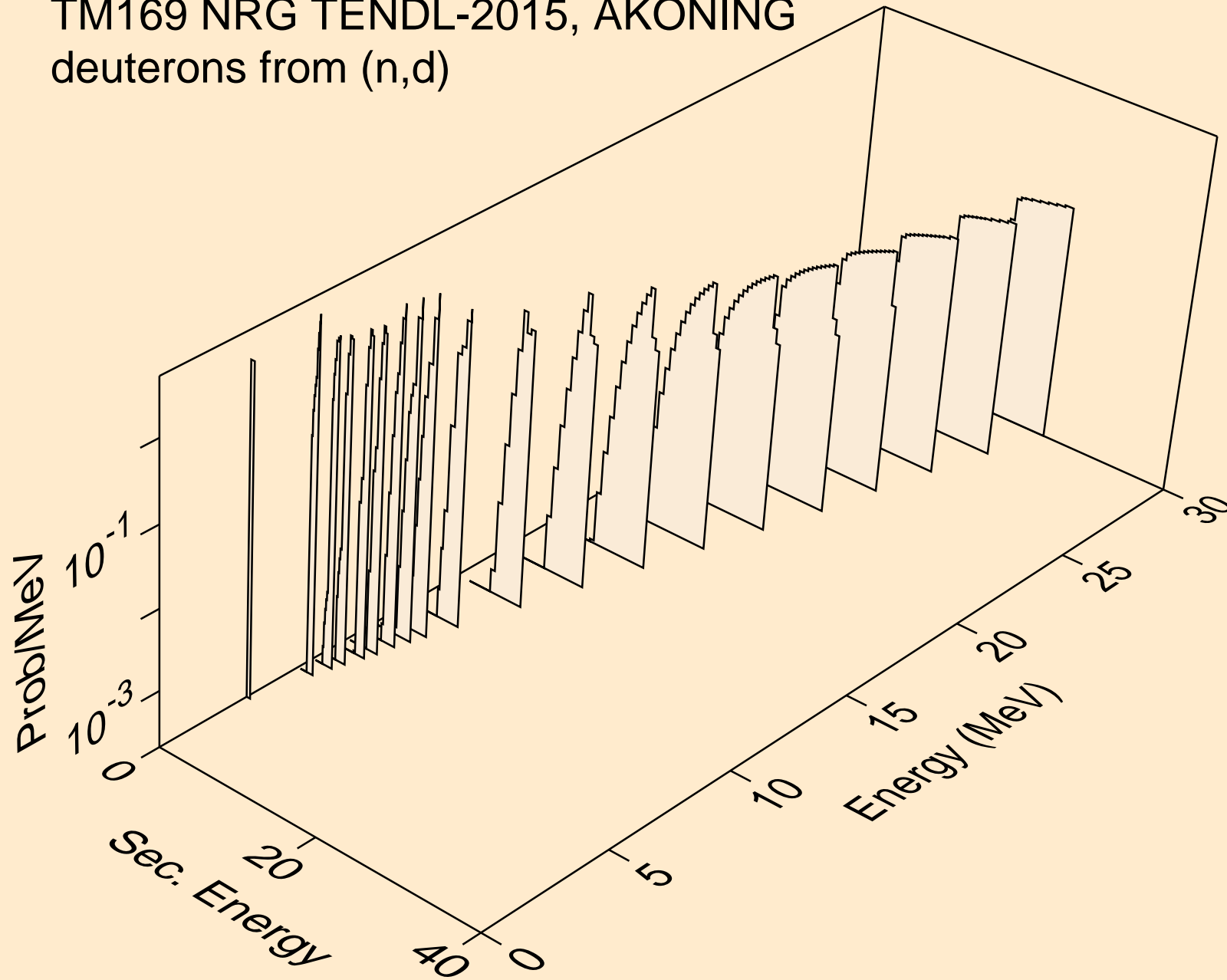
TM169 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



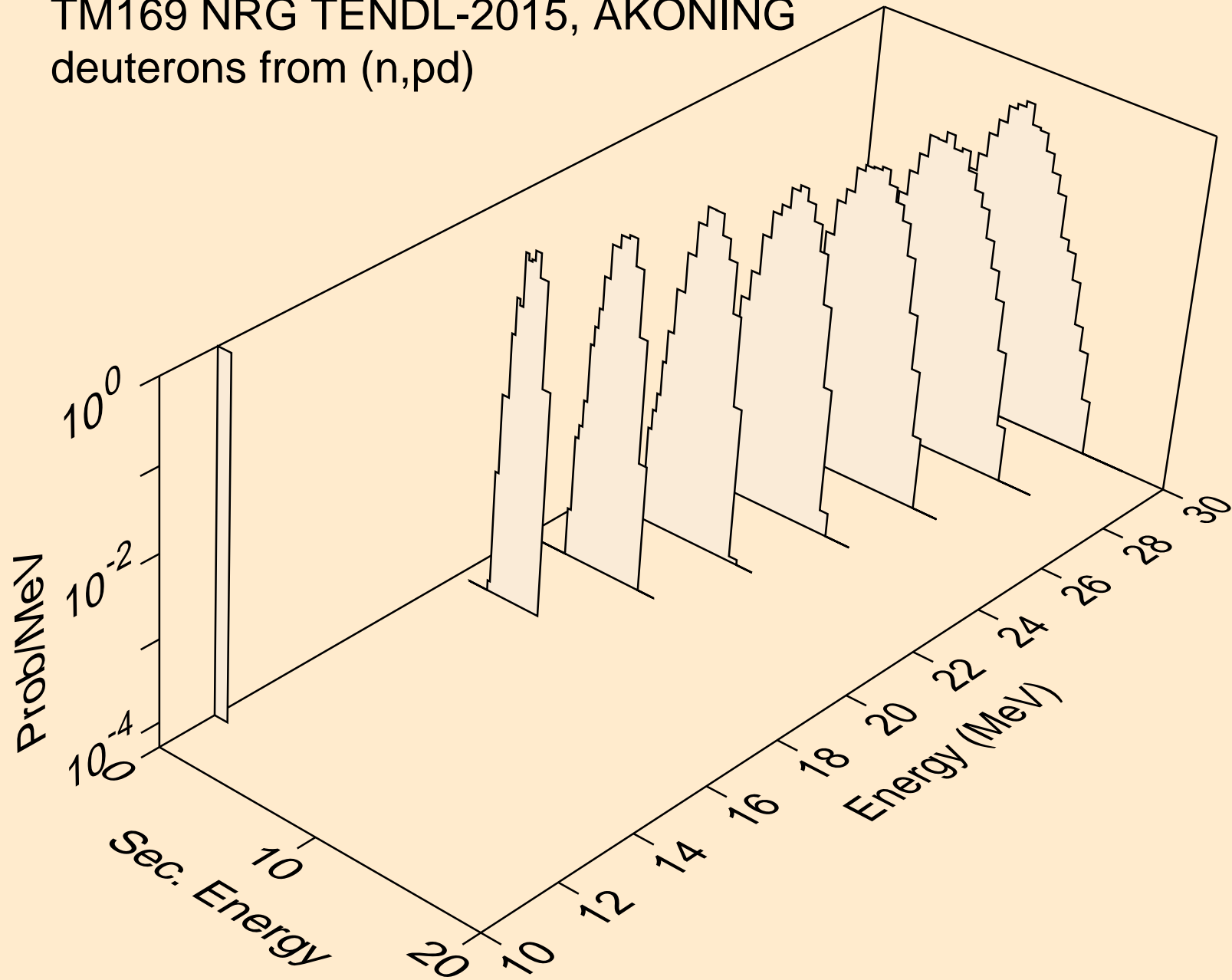
TM169 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



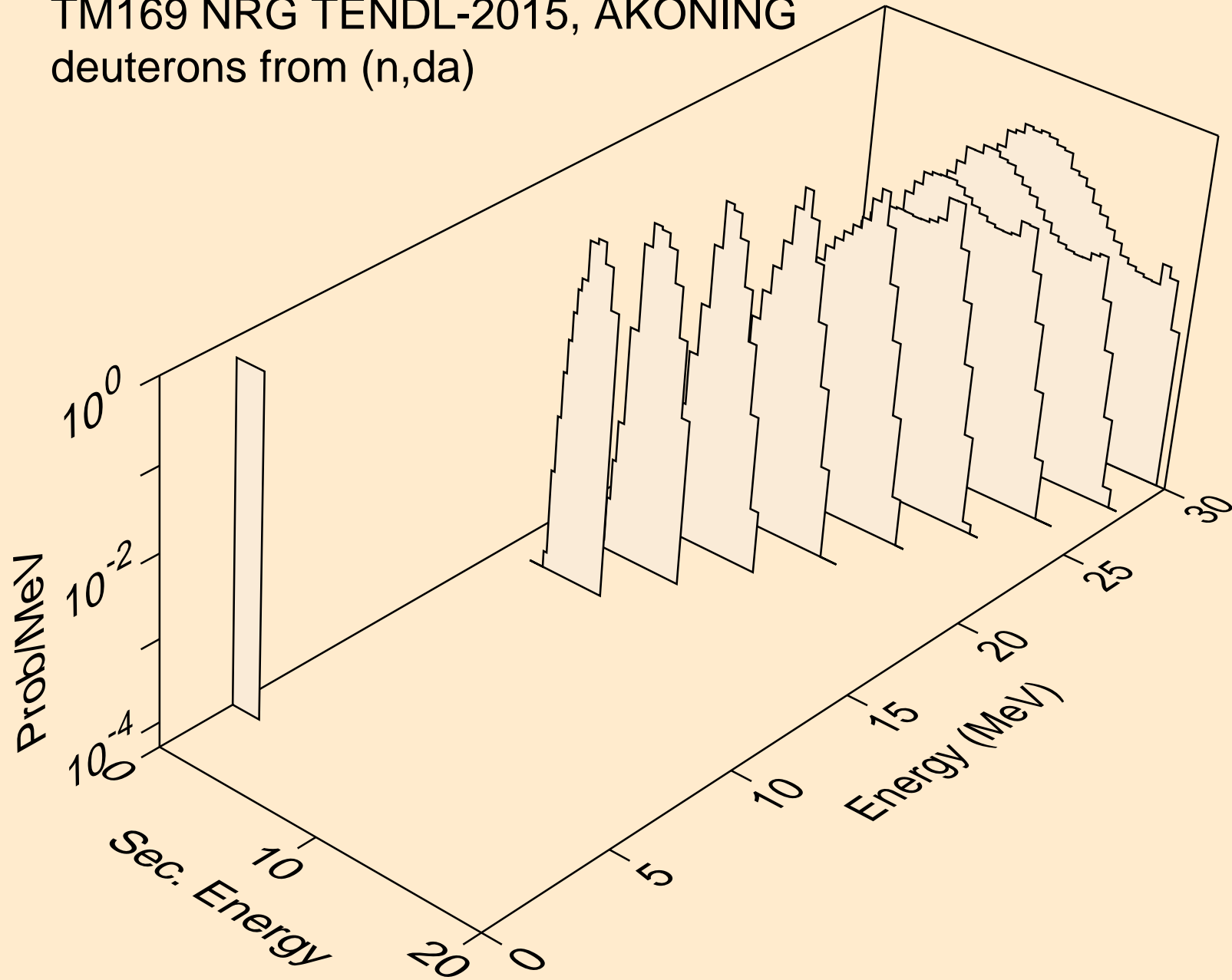
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deuterons from (n,d)



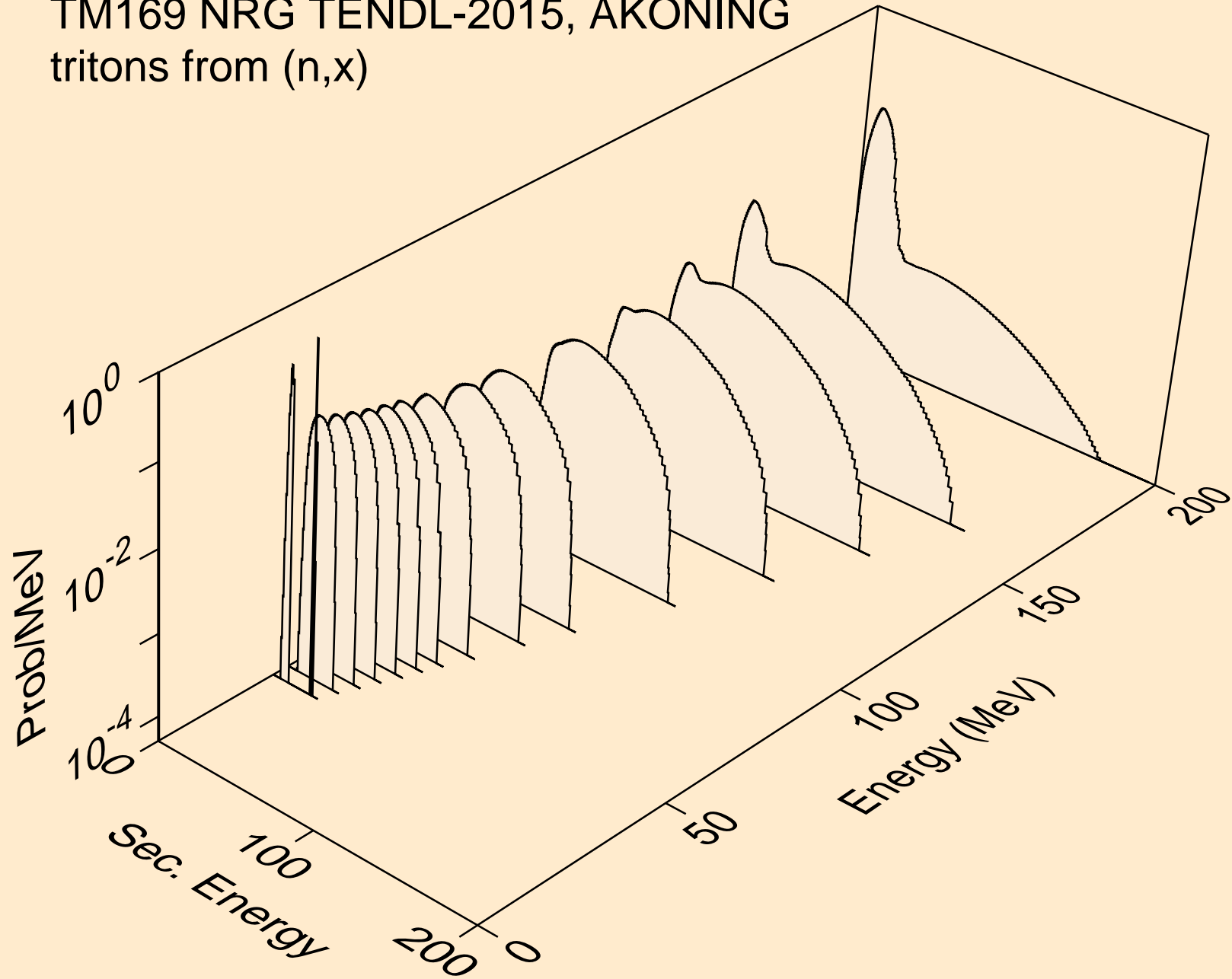
TM169 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



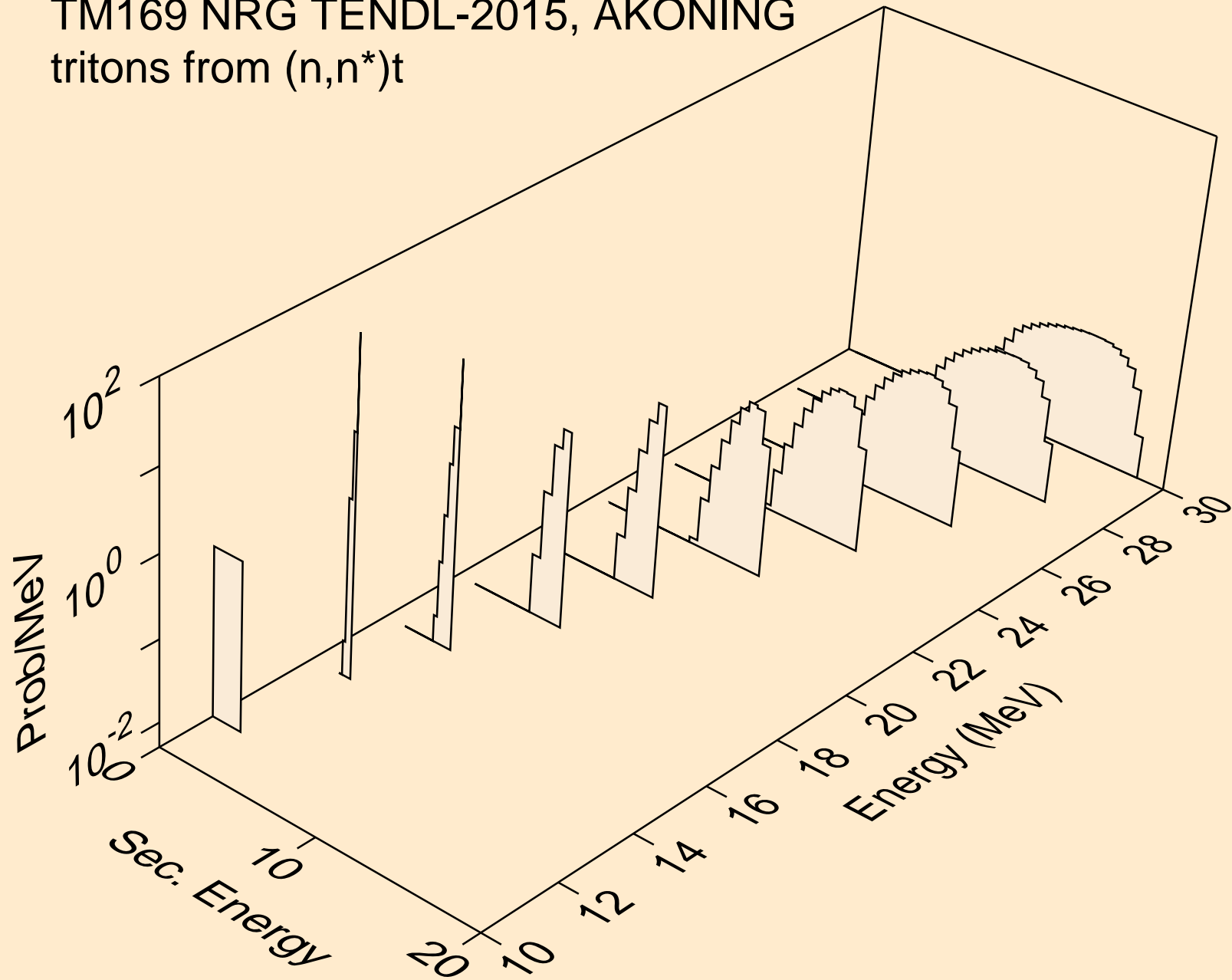
TM169 NRG TENDL-2015, AKONING  
deuterons from (n,da)



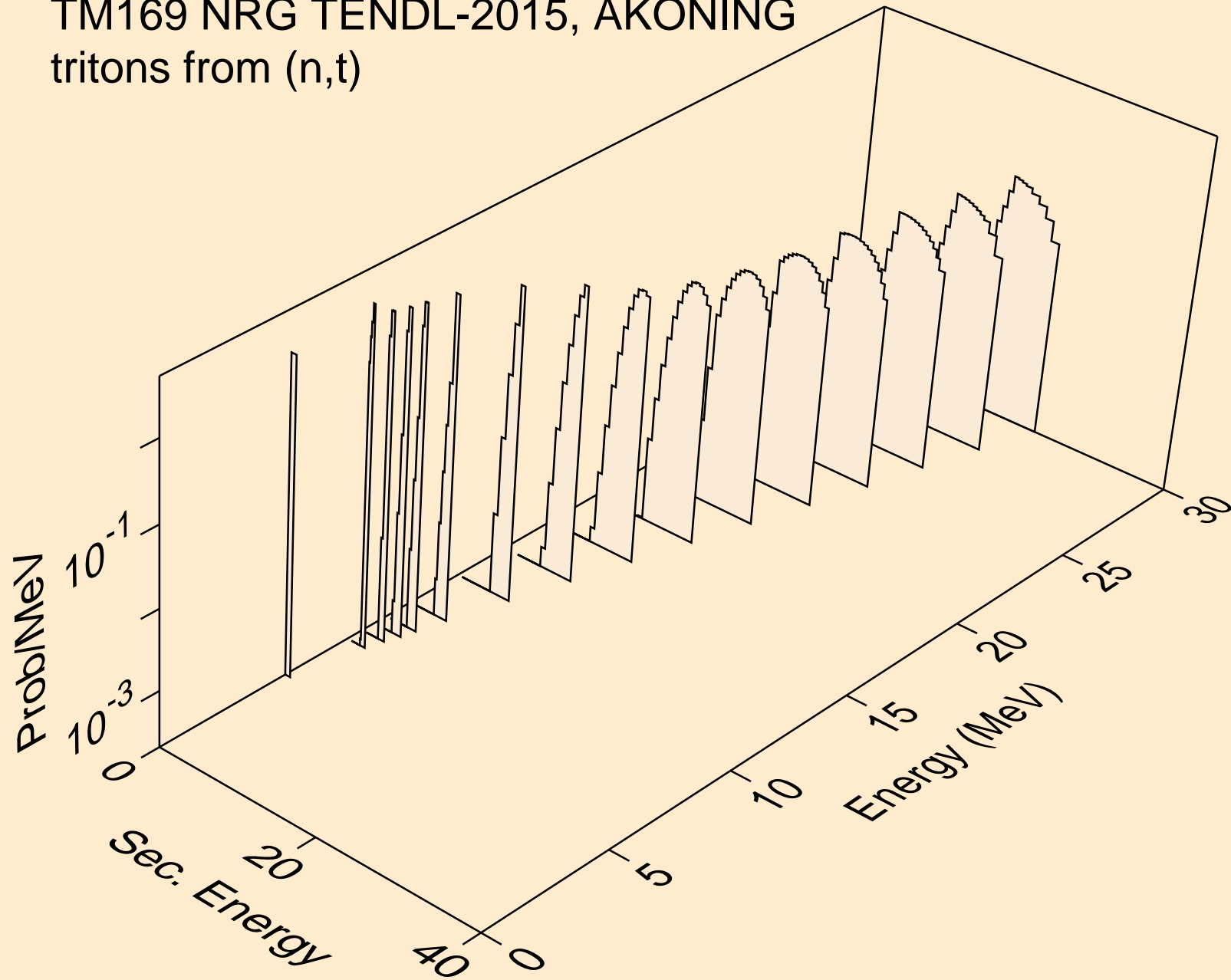
TM169 NRG TENDL-2015, AKONING  
tritons from (n,x)



TM169 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

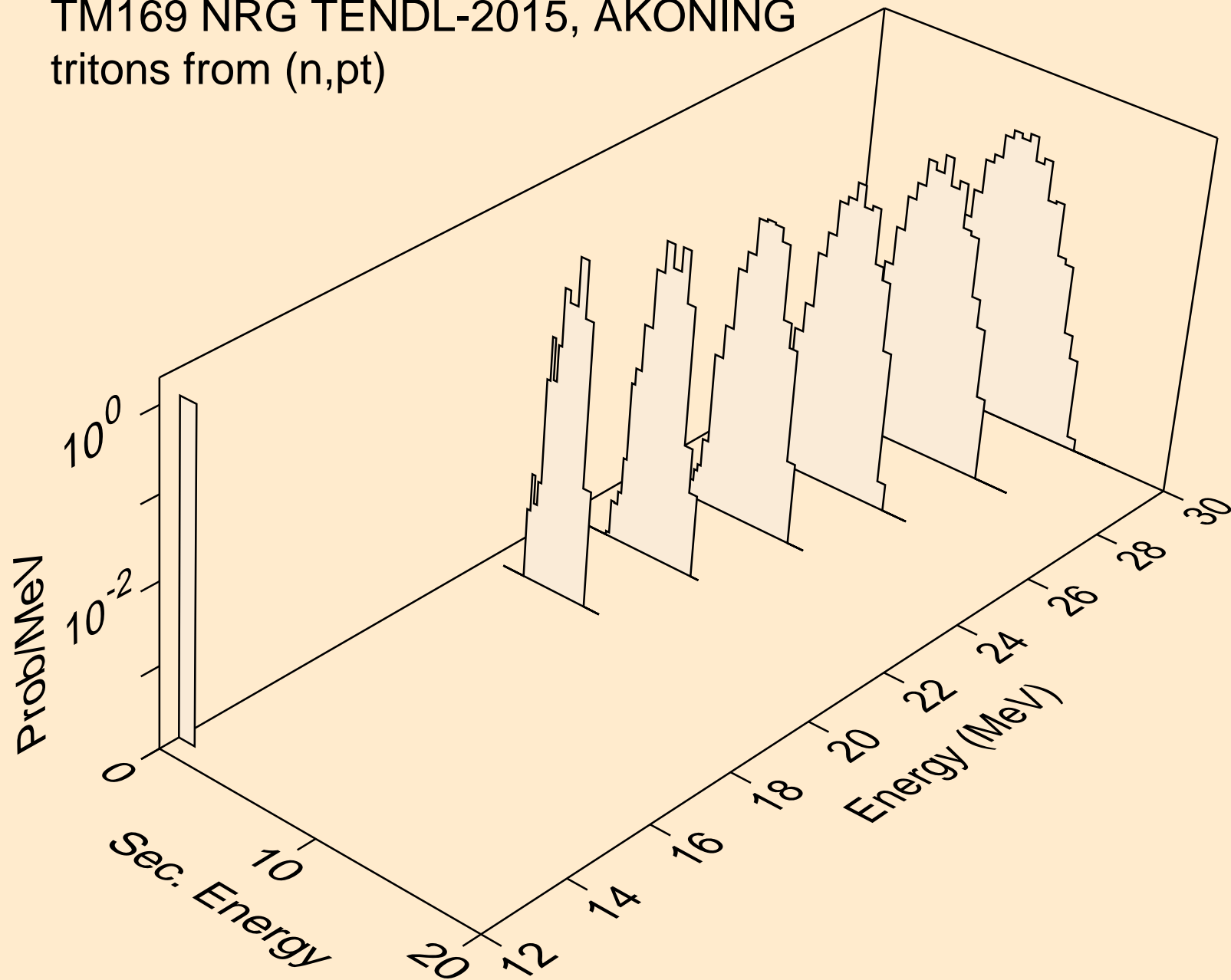


TM169 NRG TENDL-2015, AKONING  
tritons from (n,t)

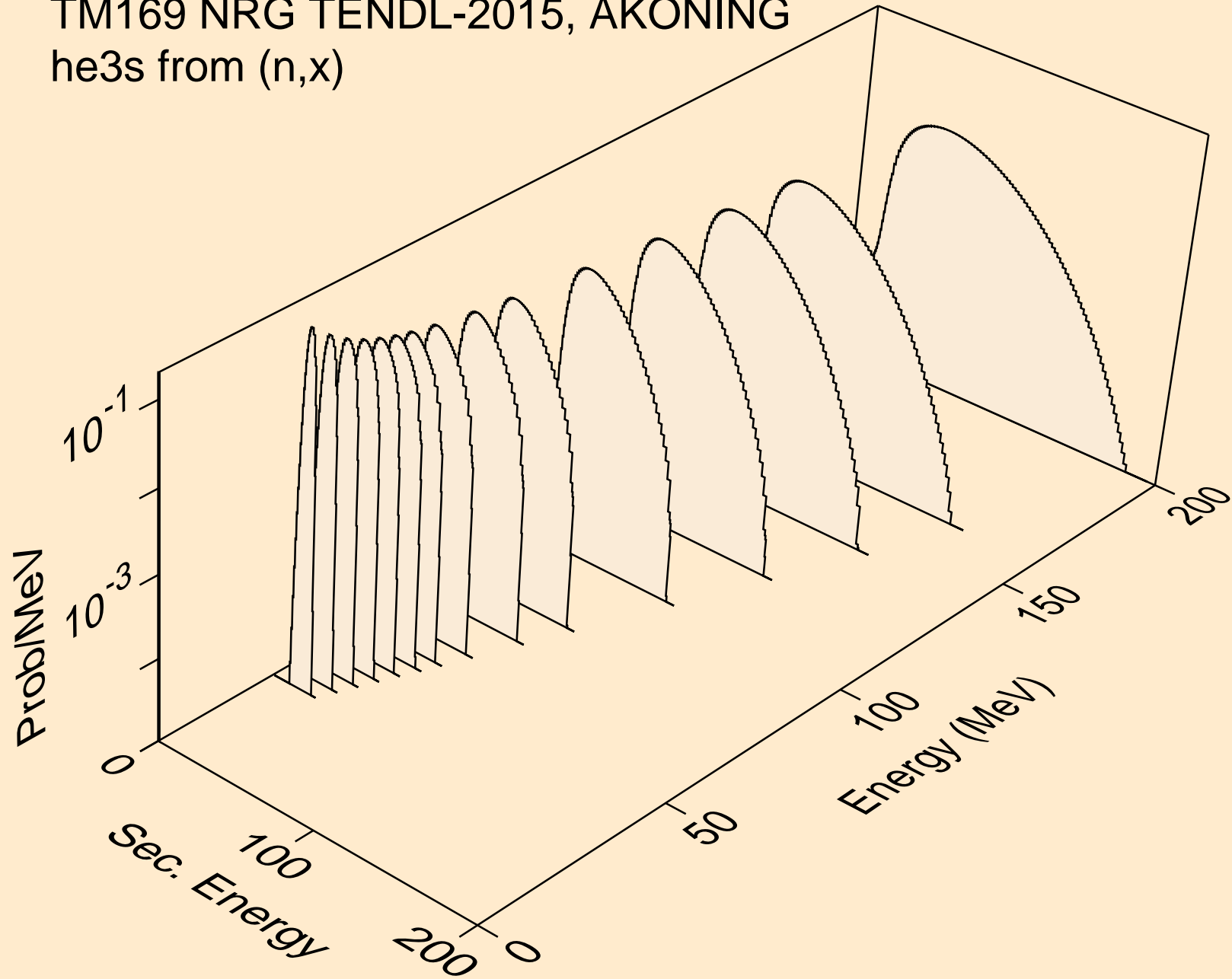




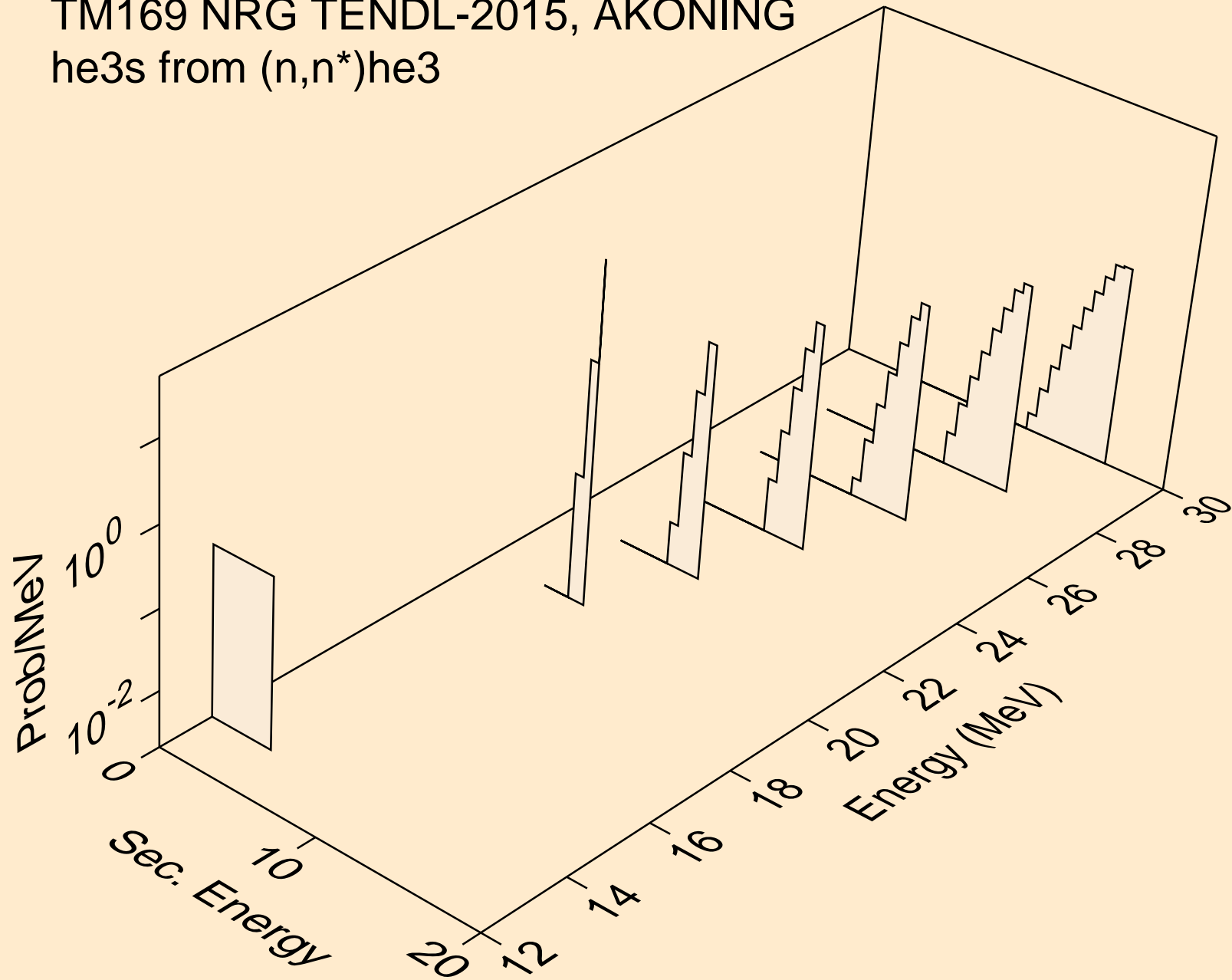
TM169 NRG TENDL-2015, AKONING  
tritons from (n,pt)



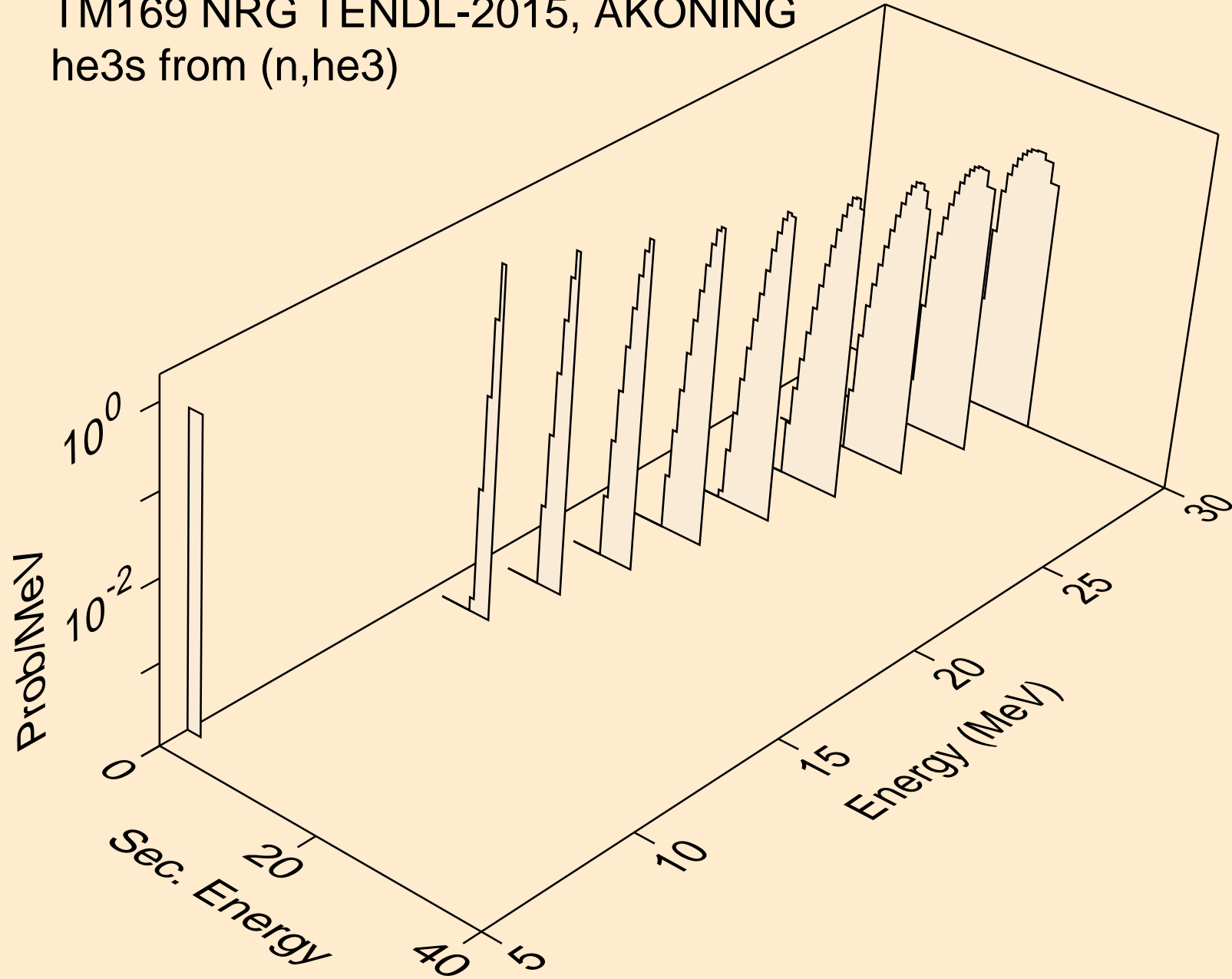
TM169 NRG TENDL-2015, AKONING  
he3s from (n,x)



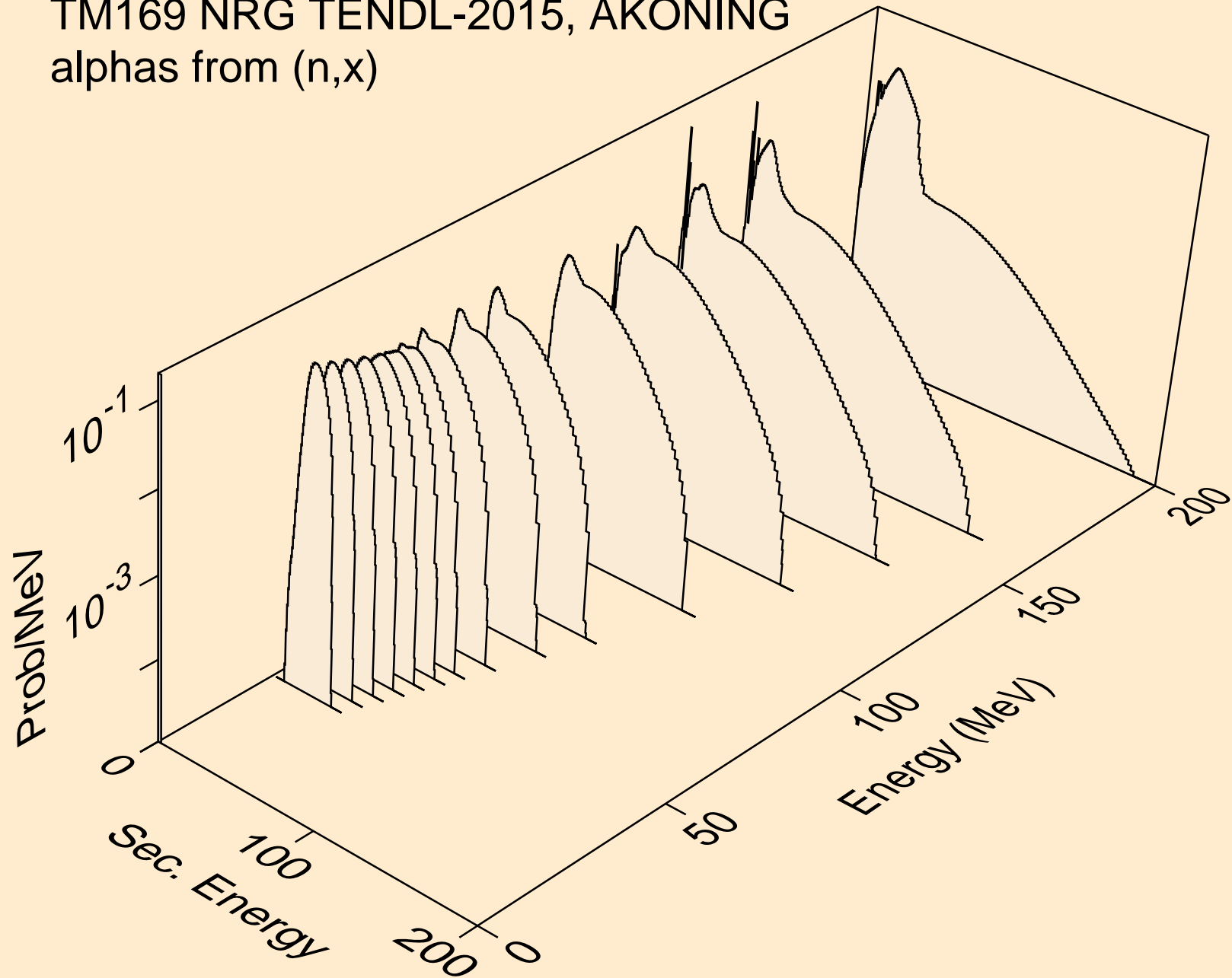
TM169 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



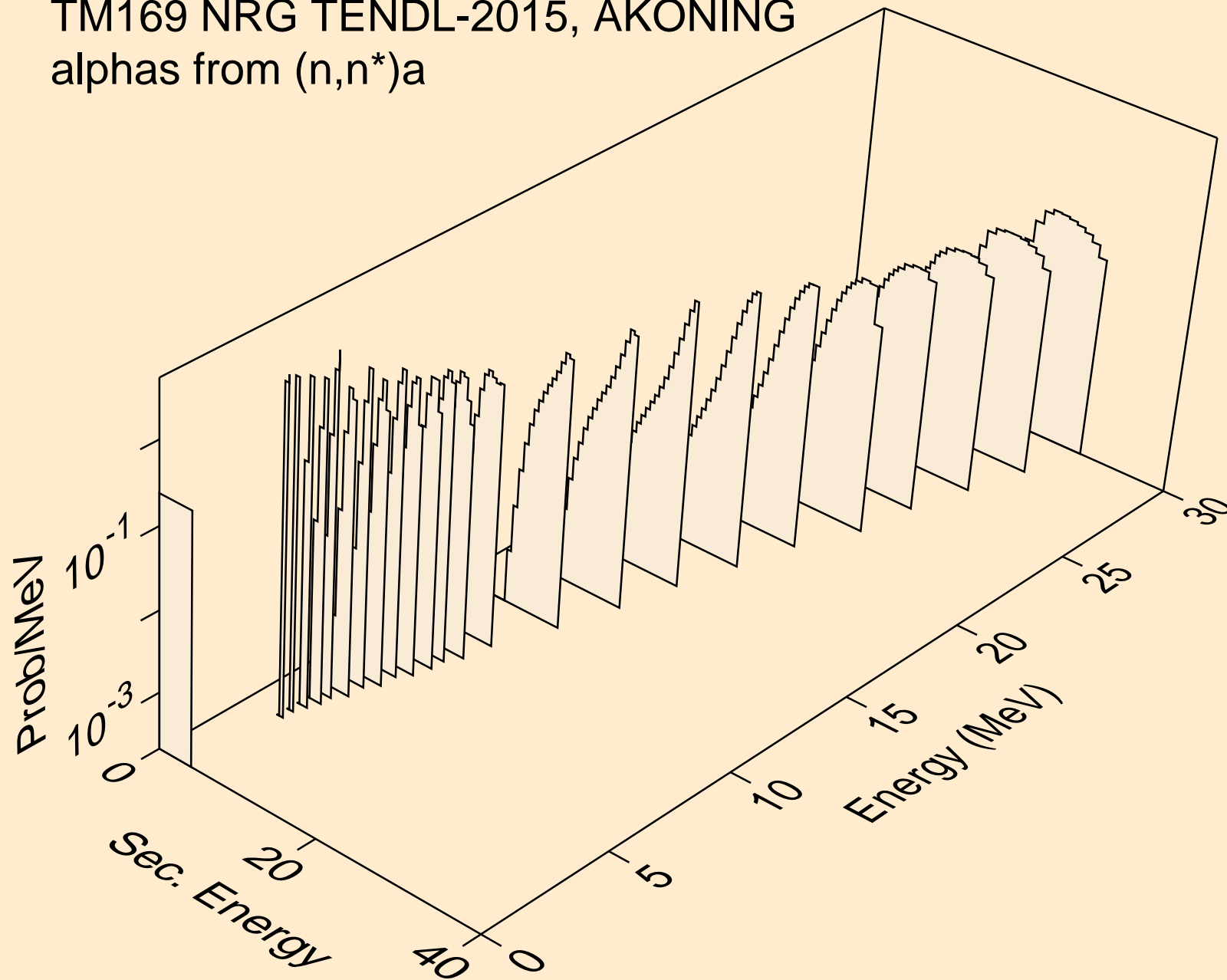
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he3s from (n,he3)



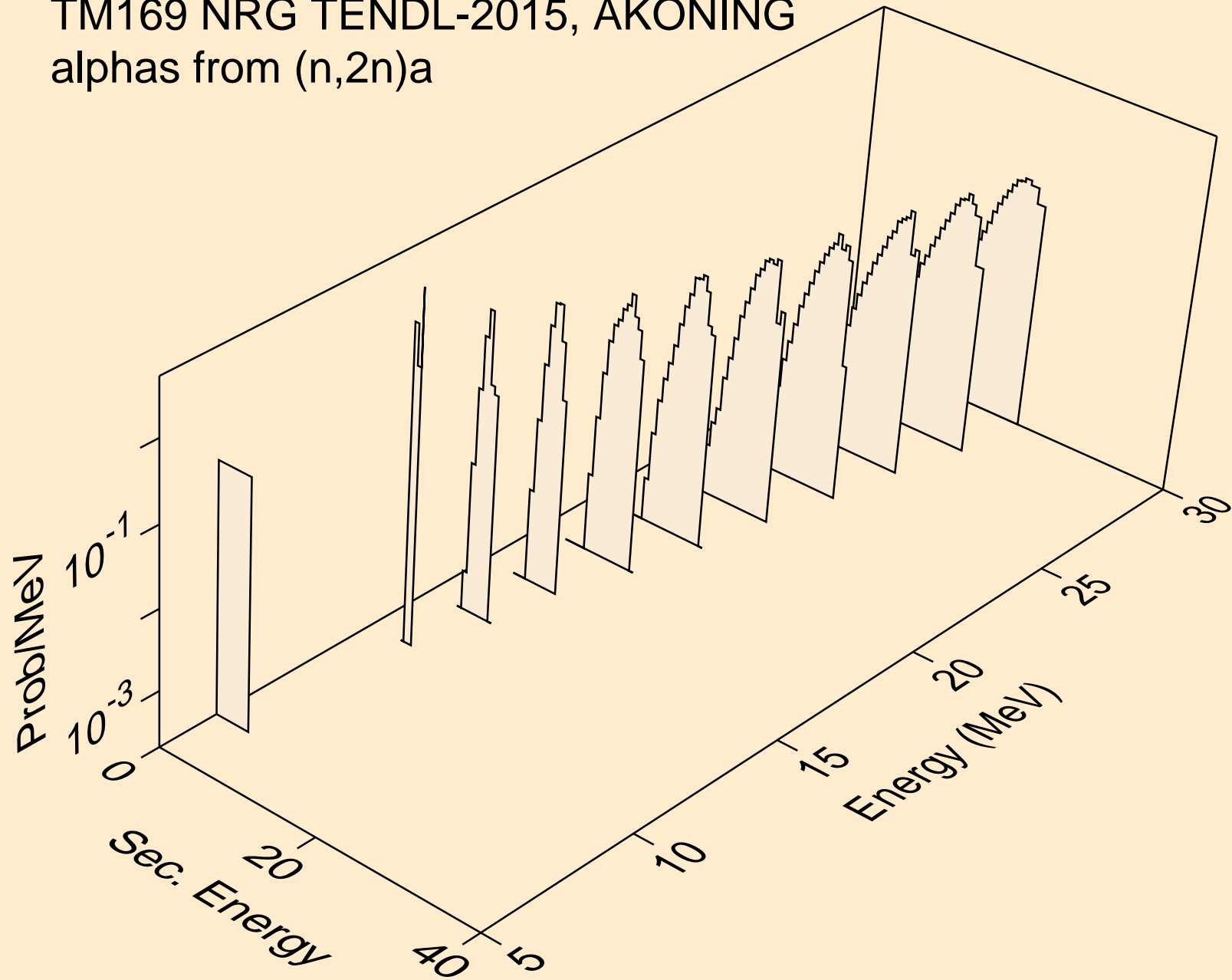
TM169 NRG TENDL-2015, AKONING  
alphas from (n,x)



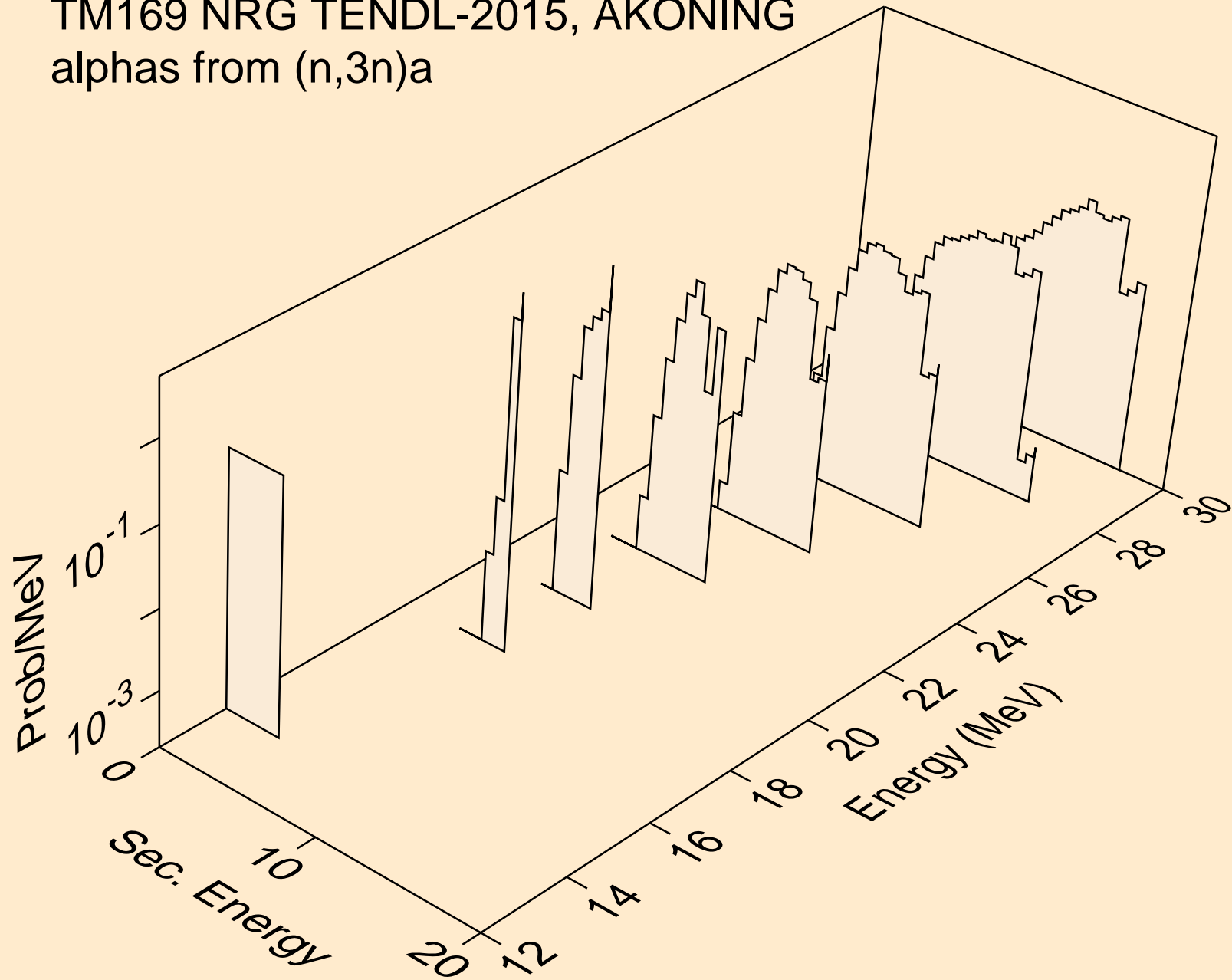
TM169 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TM169 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

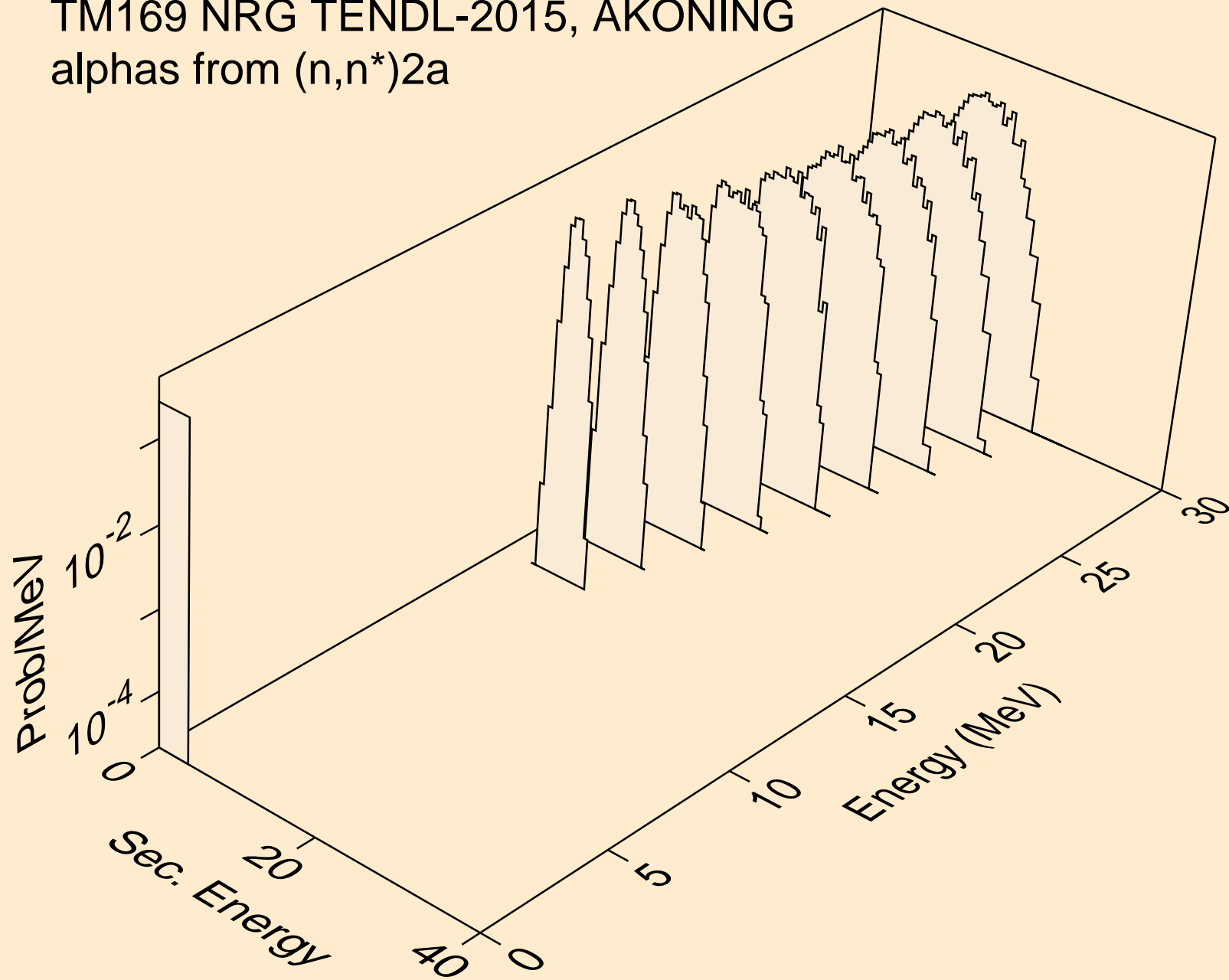


TM169 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

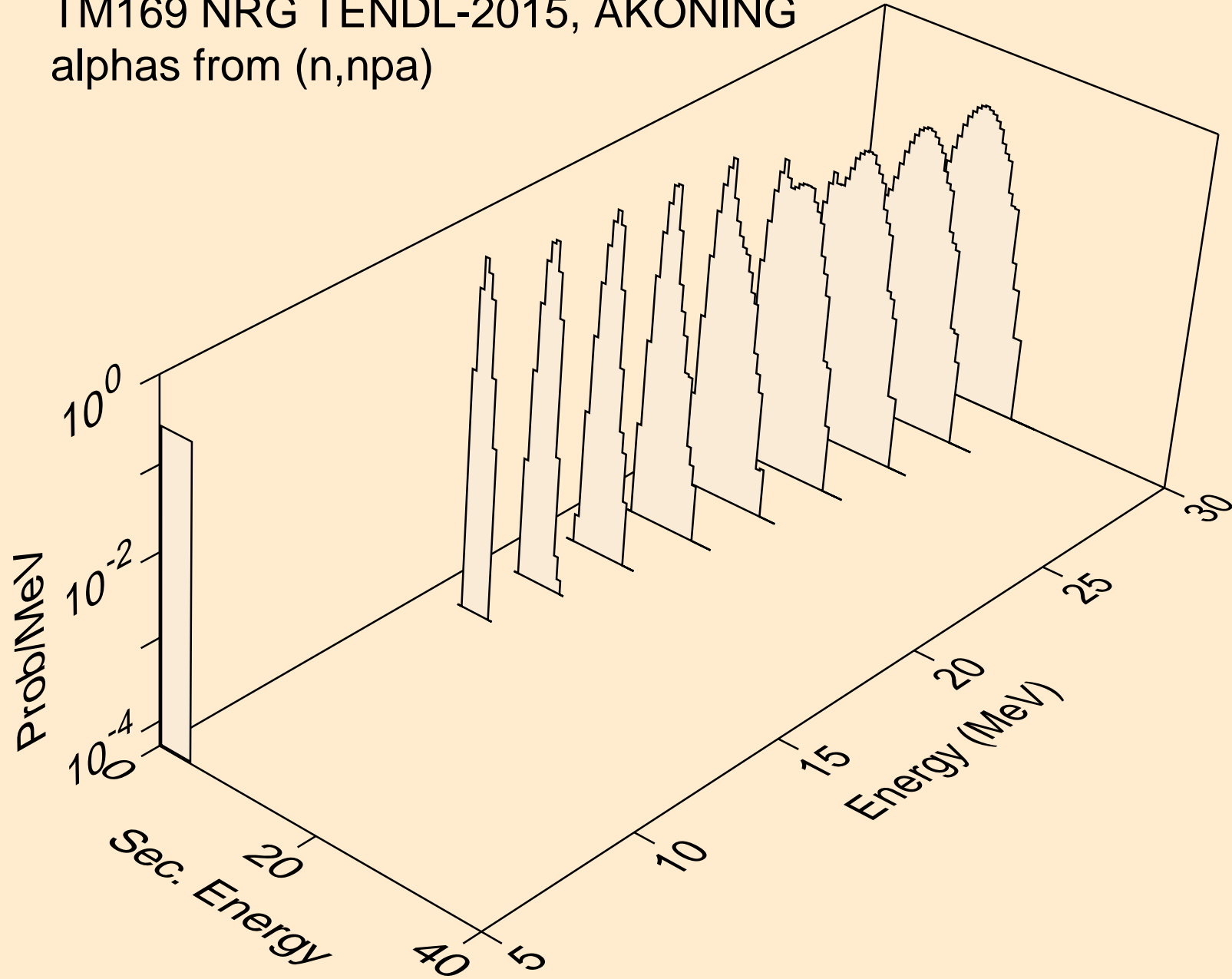




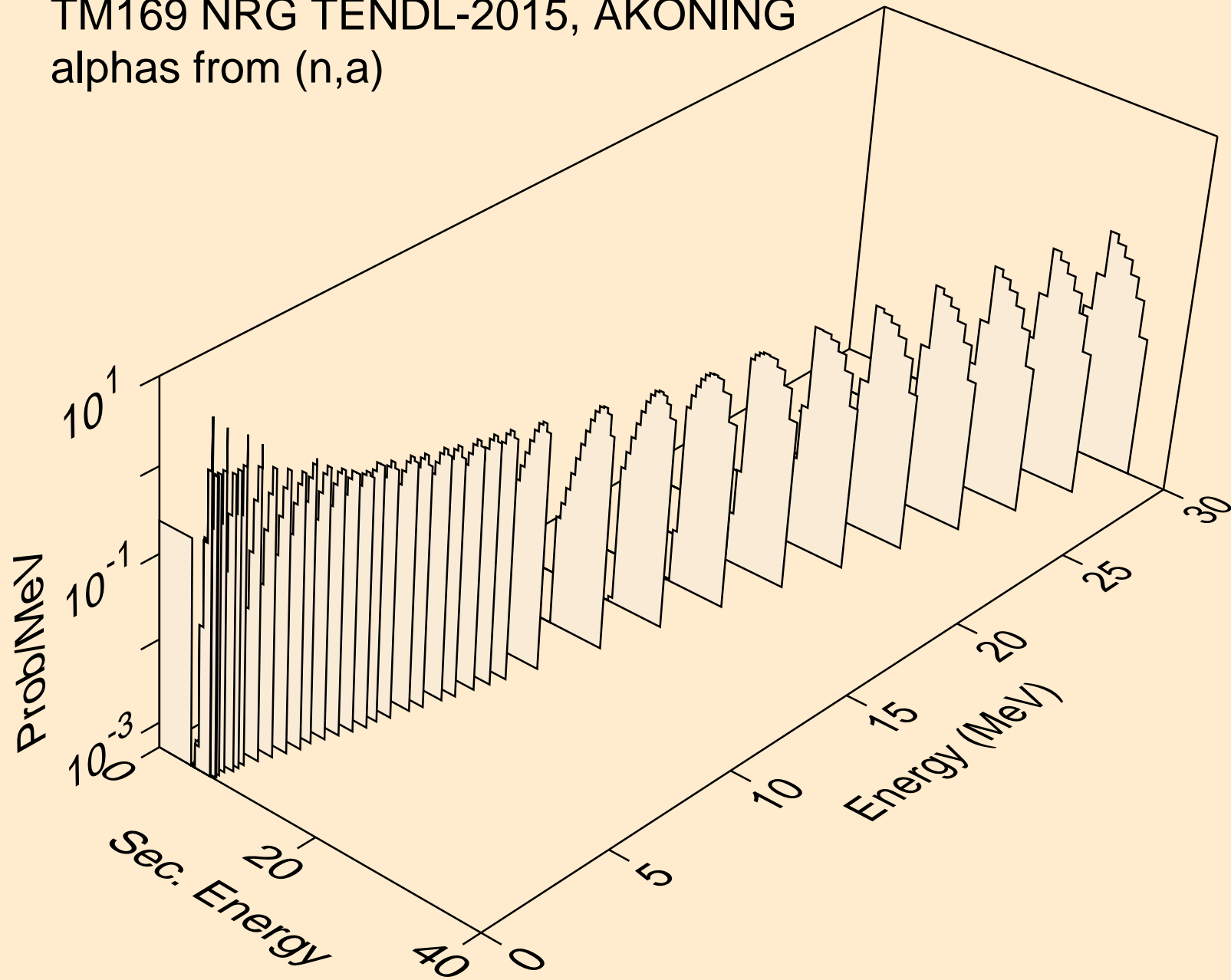
TM169 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



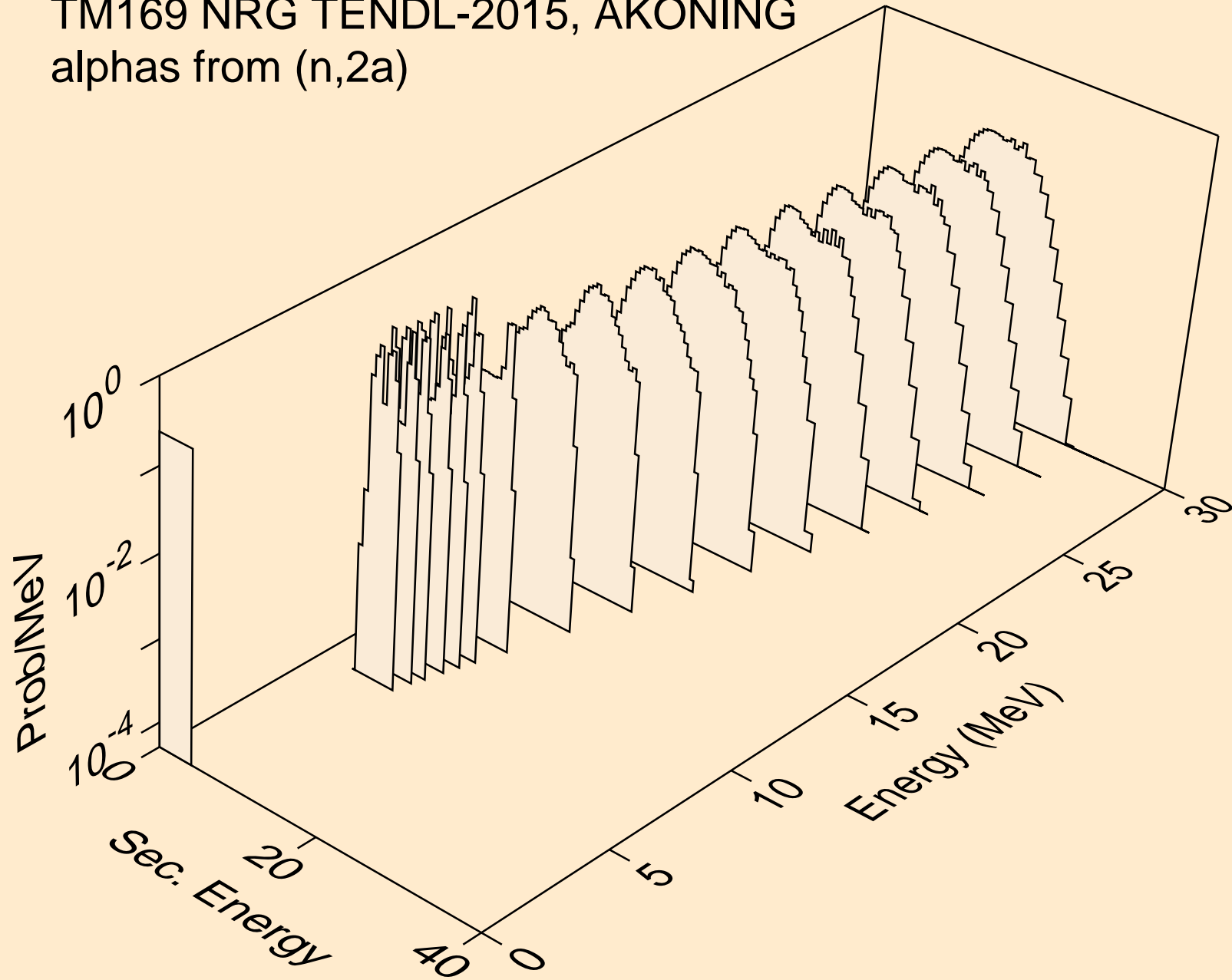
TM169 NRG TENDL-2015, AKONING  
alphas from (n,npa)



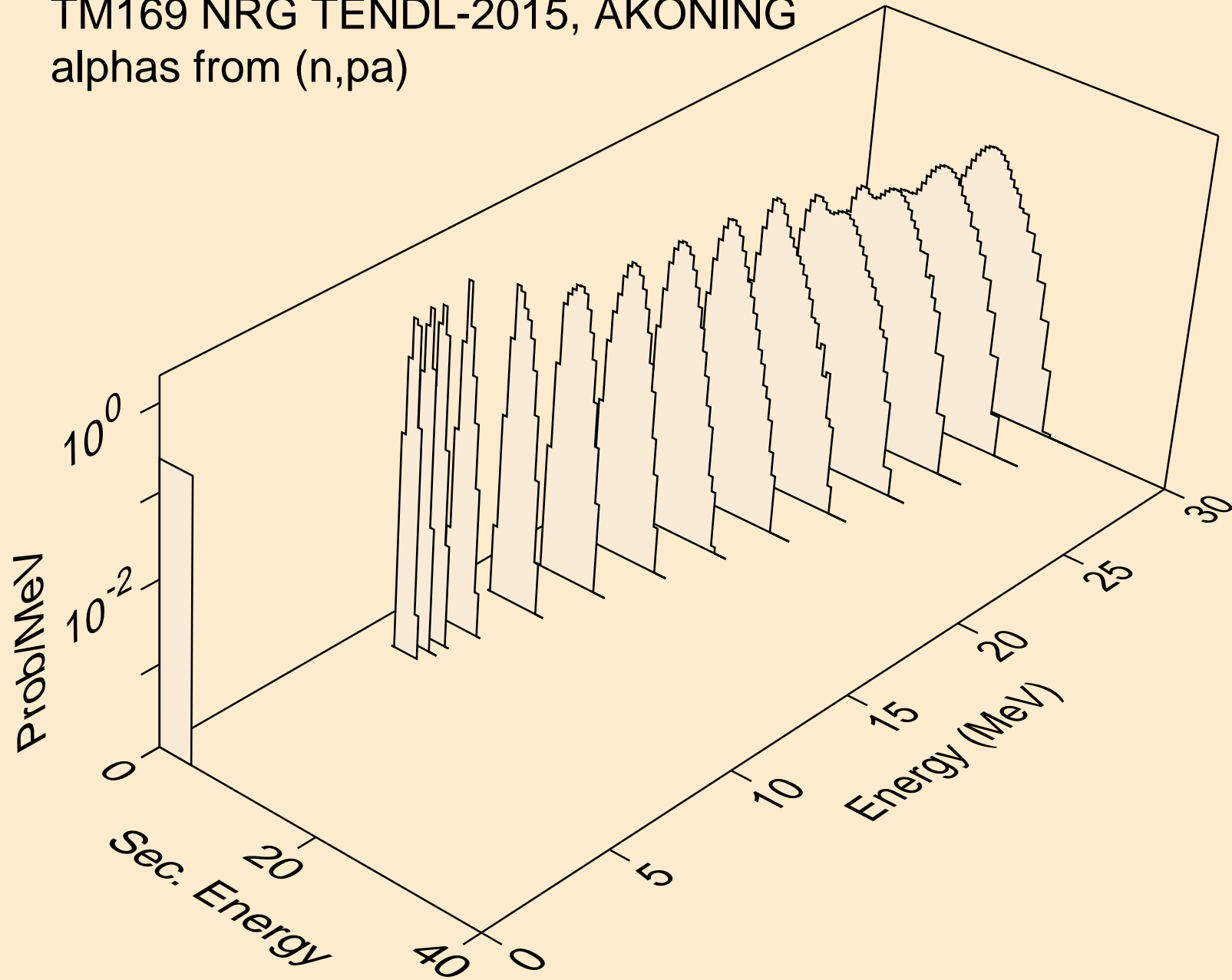
TM169 NRG TENDL-2015, AKONING  
alphas from (n,a)



TM169 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TM169 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TM169 NRG TENDL-2015, AKONING  
alphas from (n,da)

