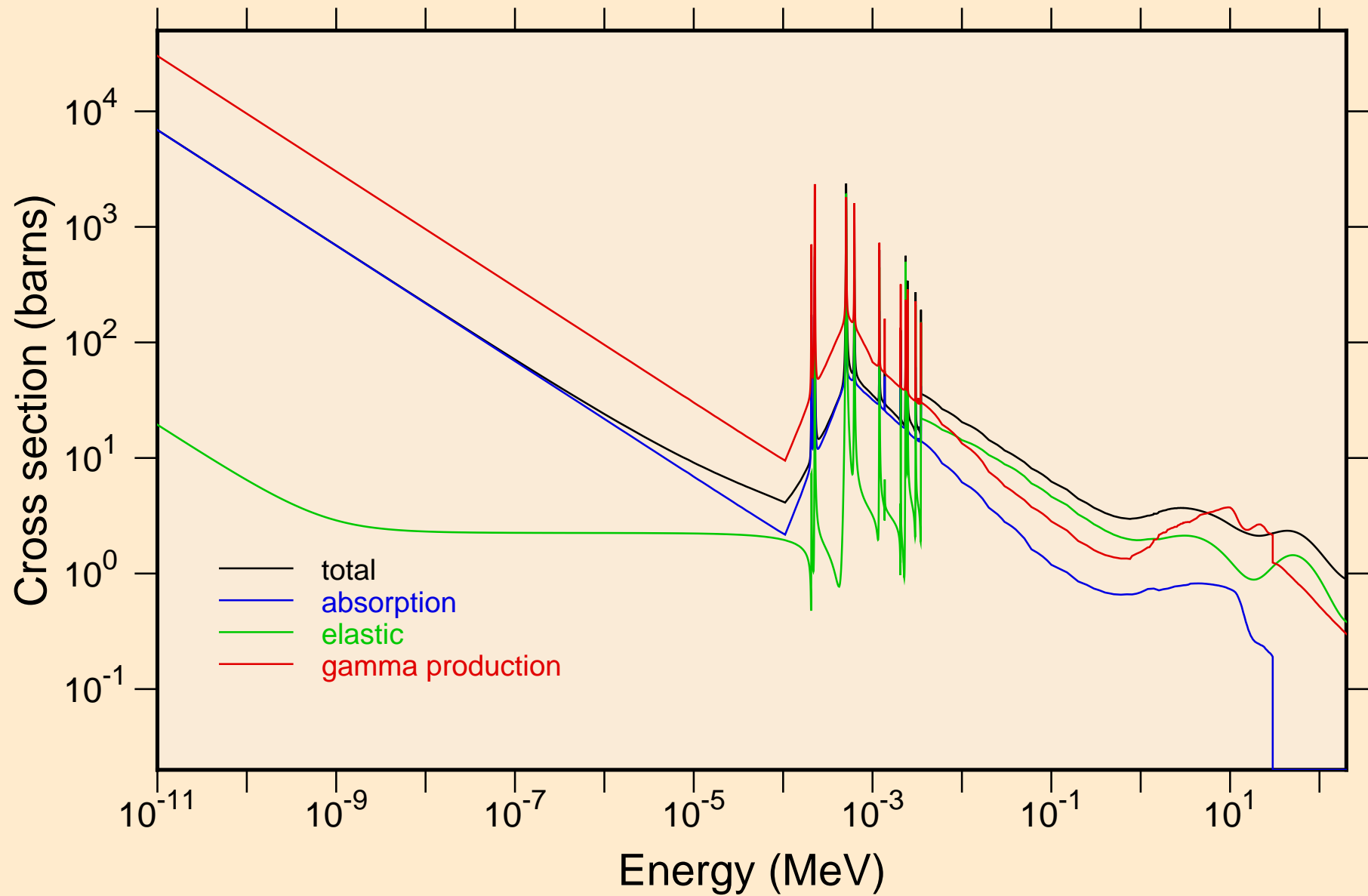
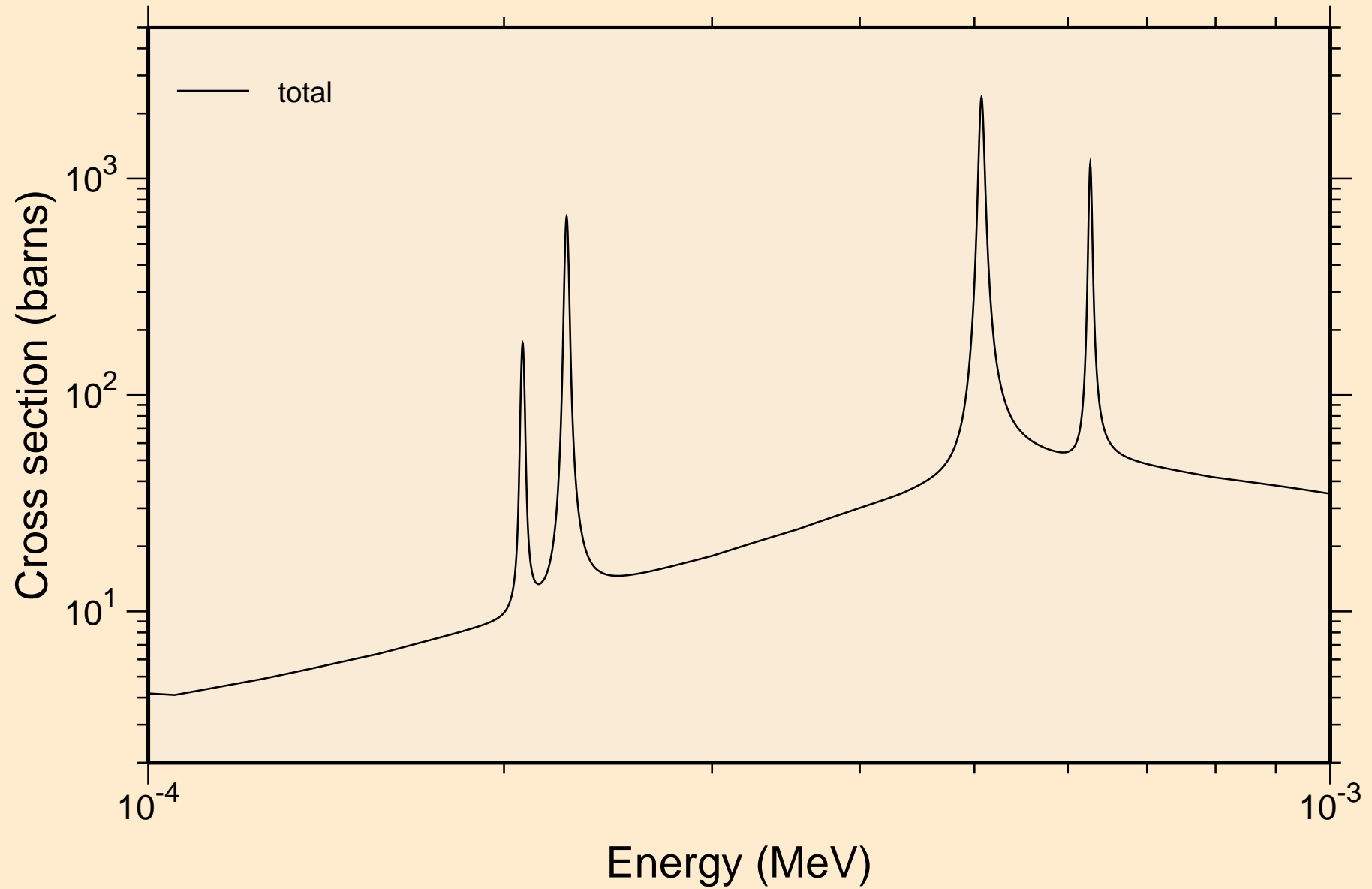


# TI045 NRG TENDL-2015, AKONING

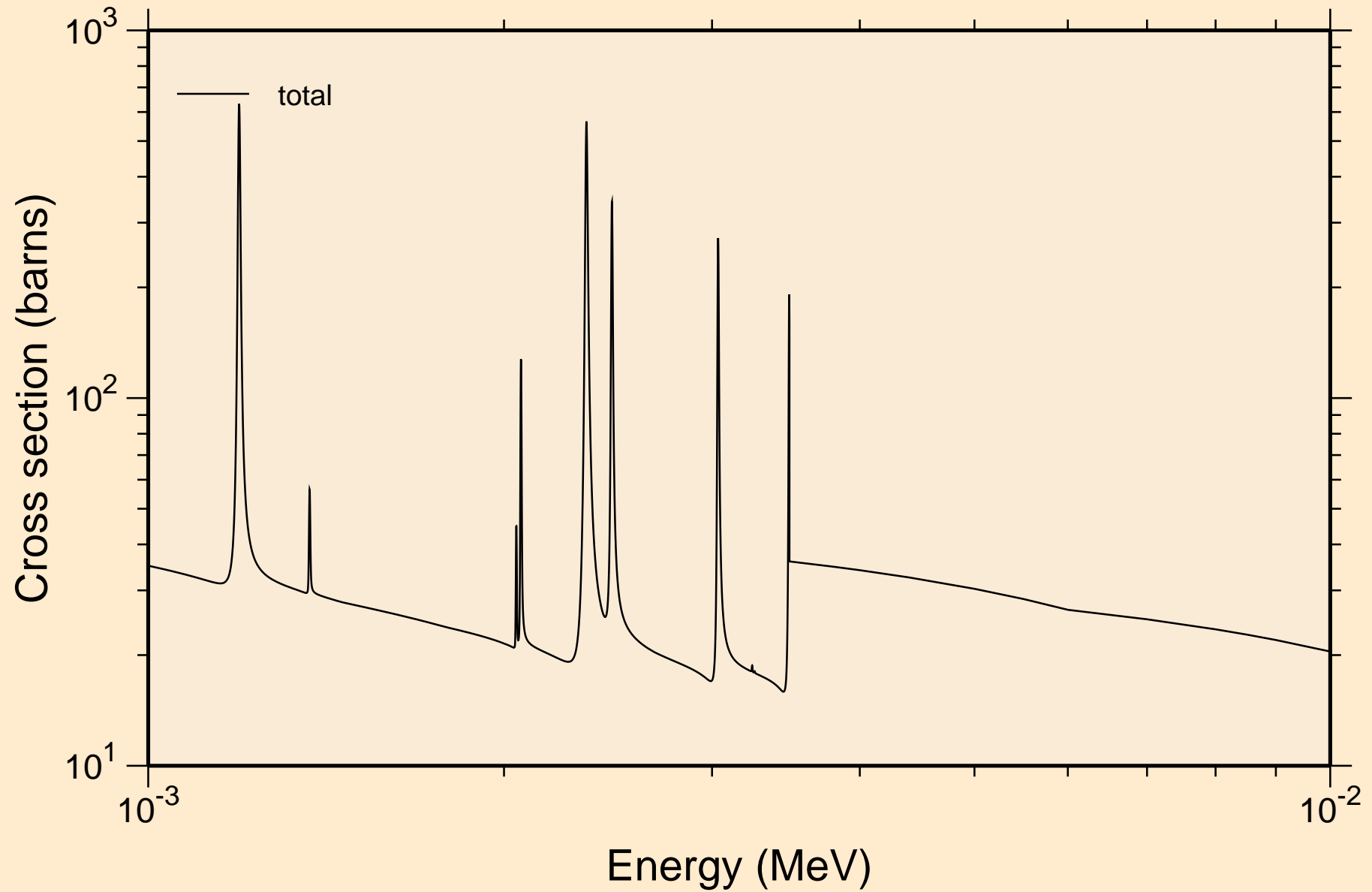
## Principal cross sections



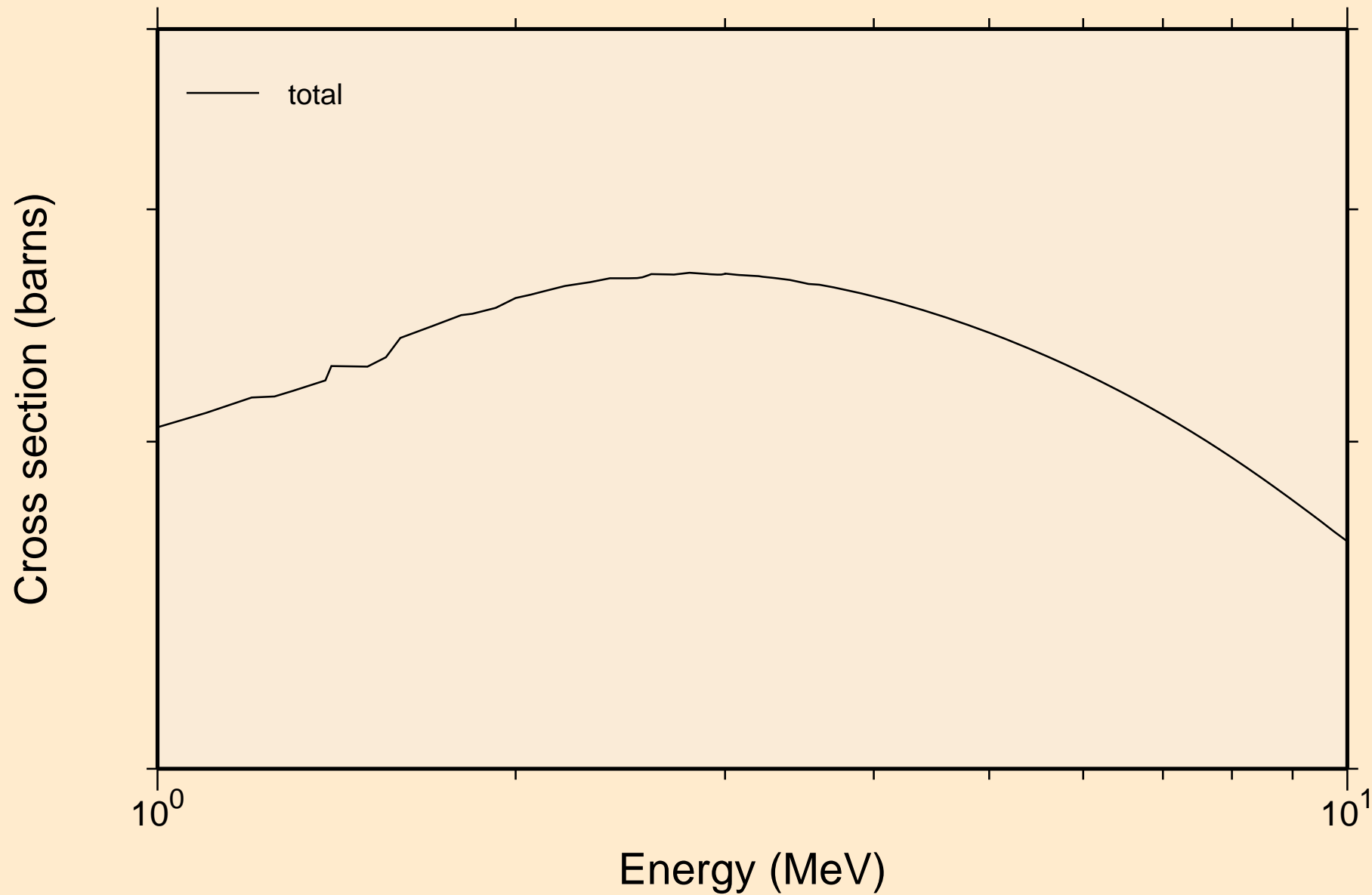
TI045 NRG TENDL-2015, AKONING  
resonance total cross section



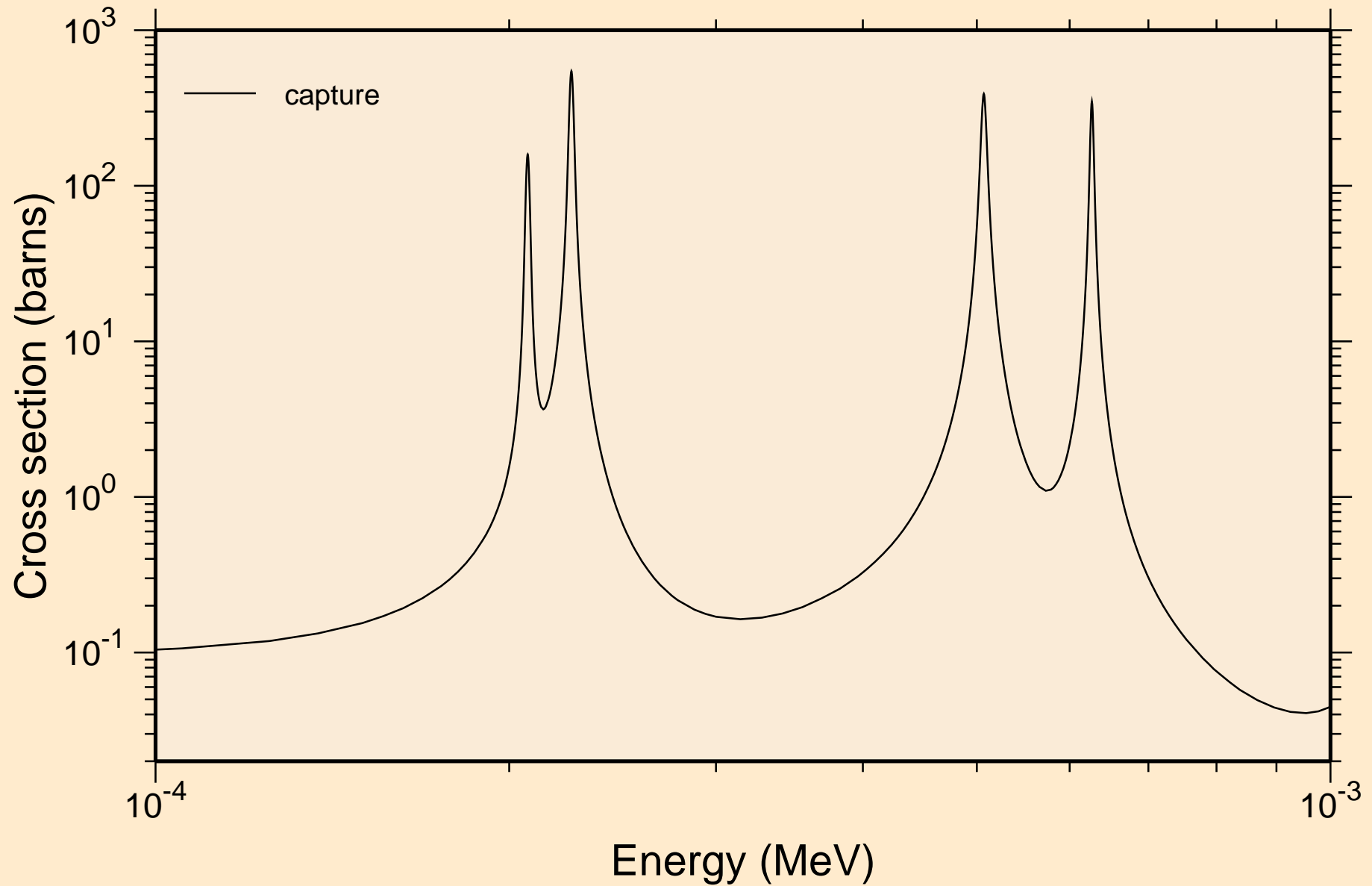
TI045 NRG TENDL-2015, AKONING  
resonance total cross section



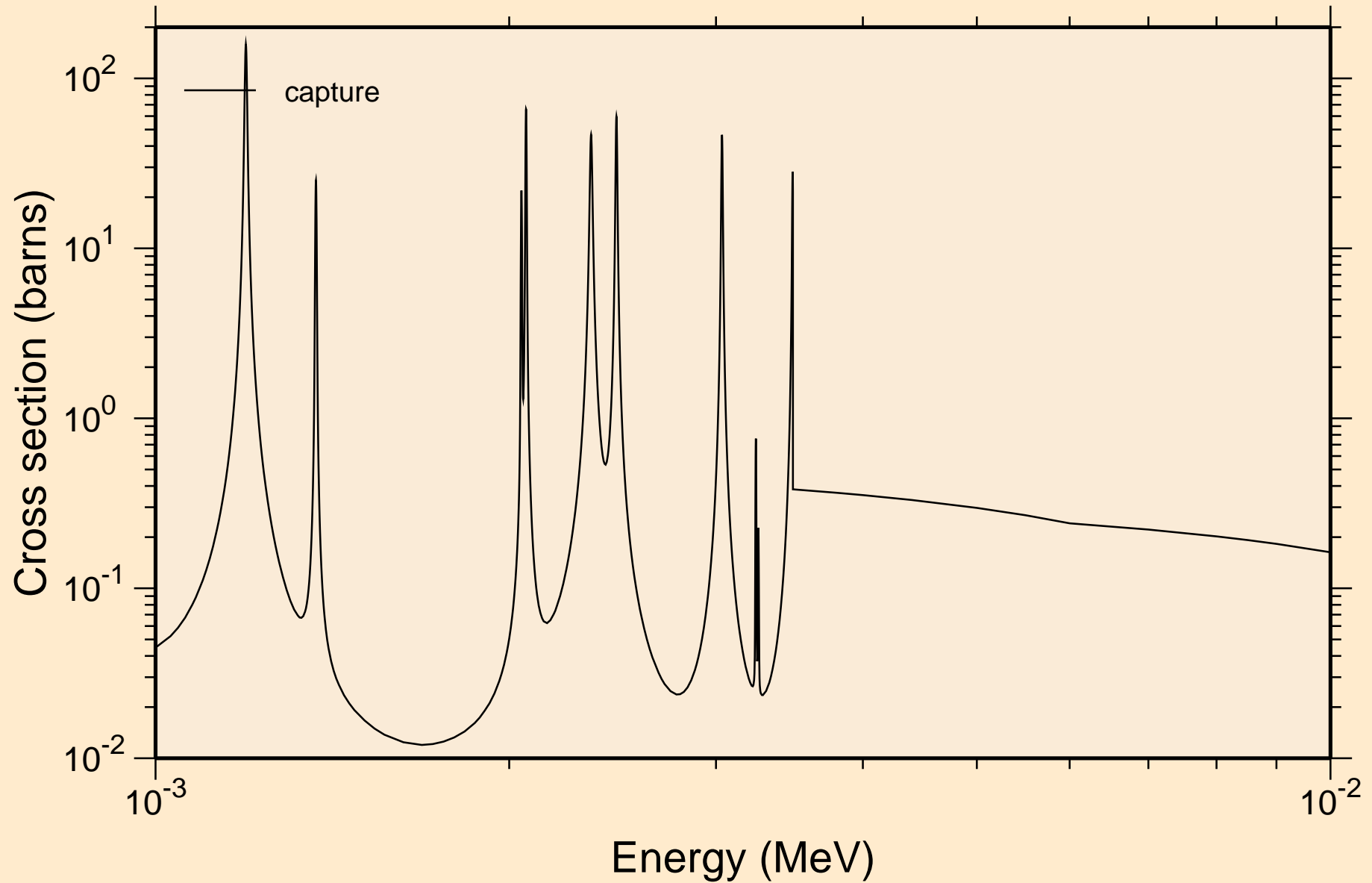
Ti045 NRG TENDL-2015, AKONING  
resonance total cross section



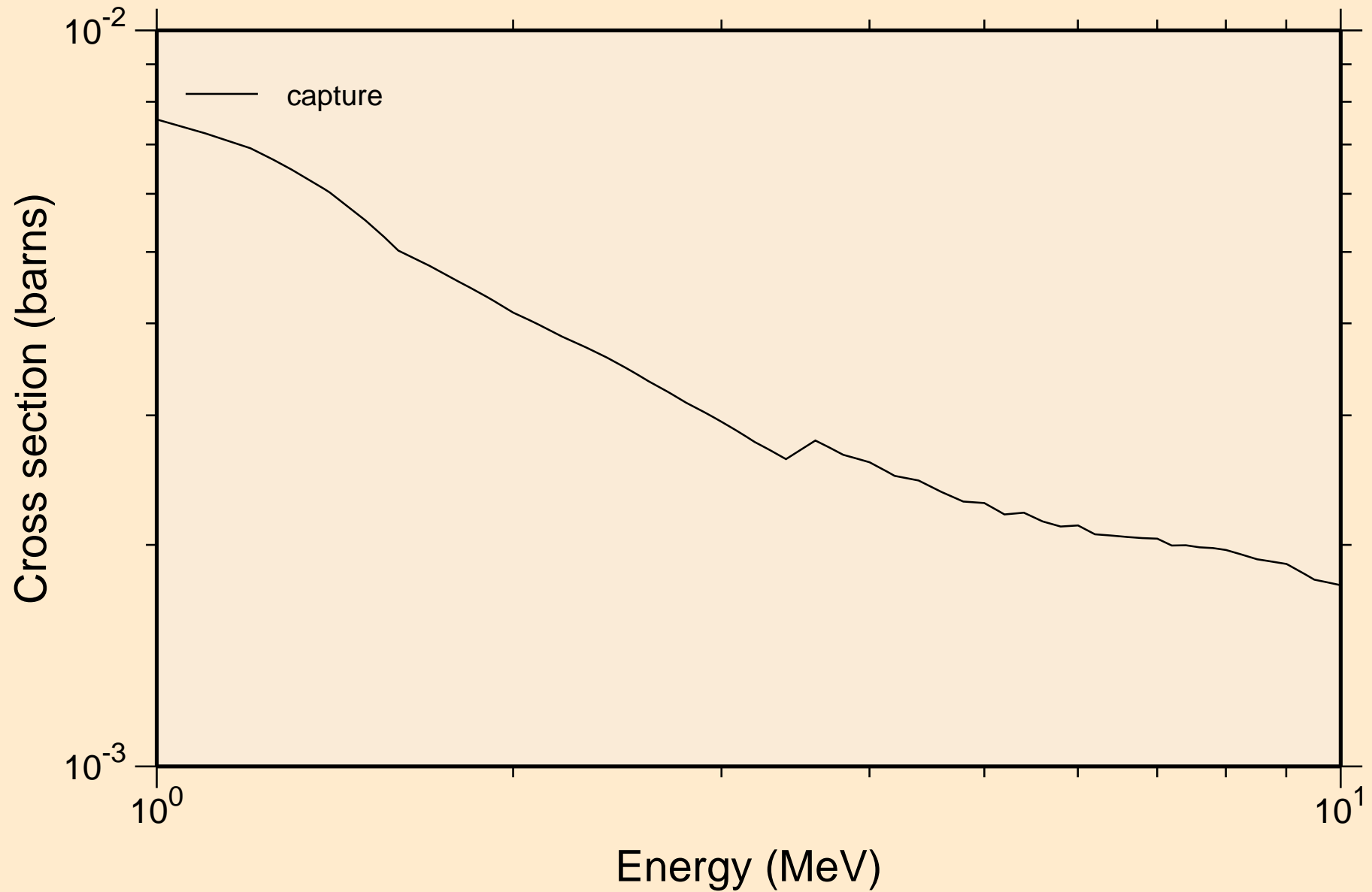
TI045 NRG TENDL-2015, AKONING  
resonance absorption cross sections



TI045 NRG TENDL-2015, AKONING  
resonance absorption cross sections

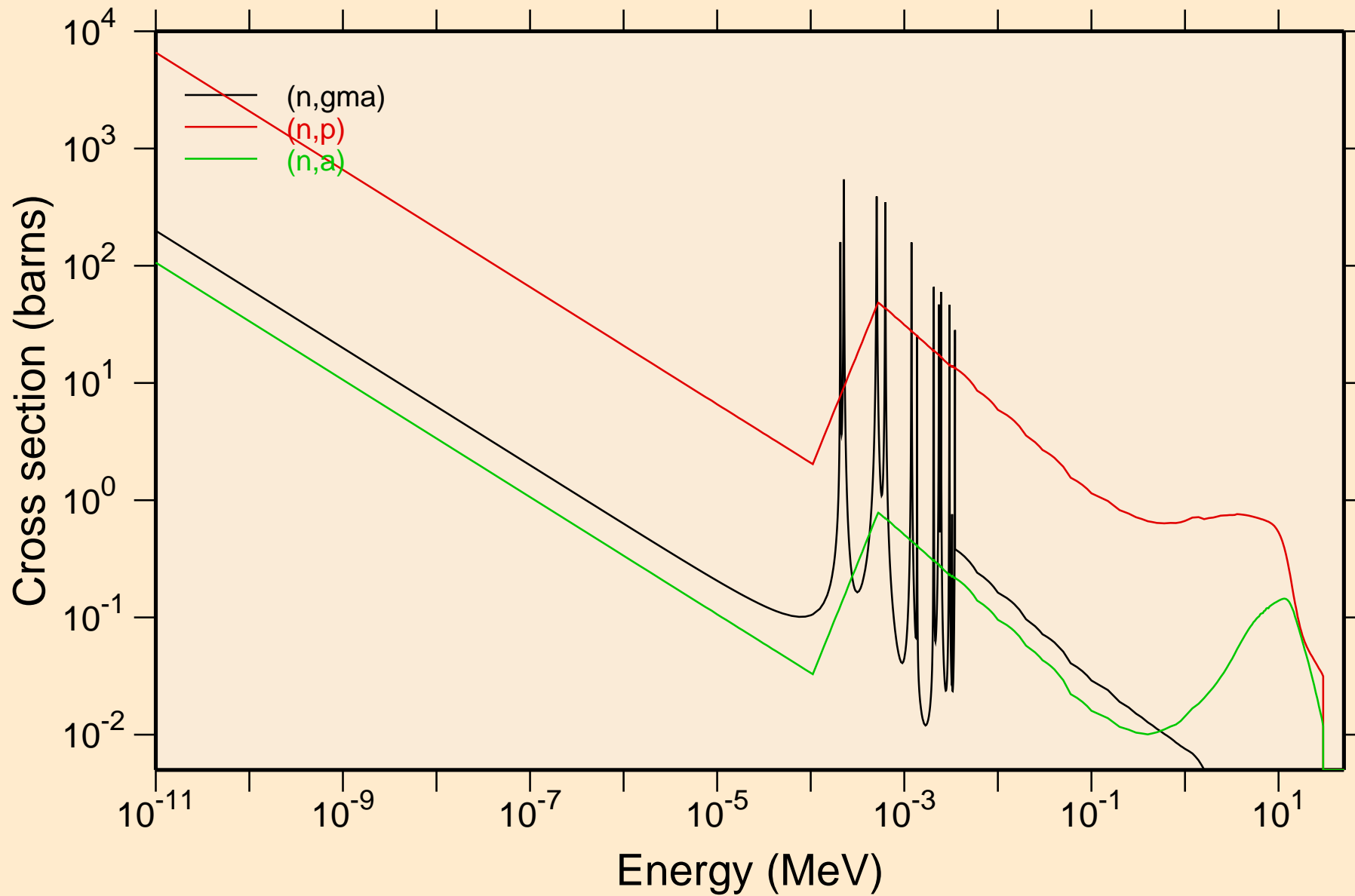


TI045 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# TI045 NRG TENDL-2015, AKONING

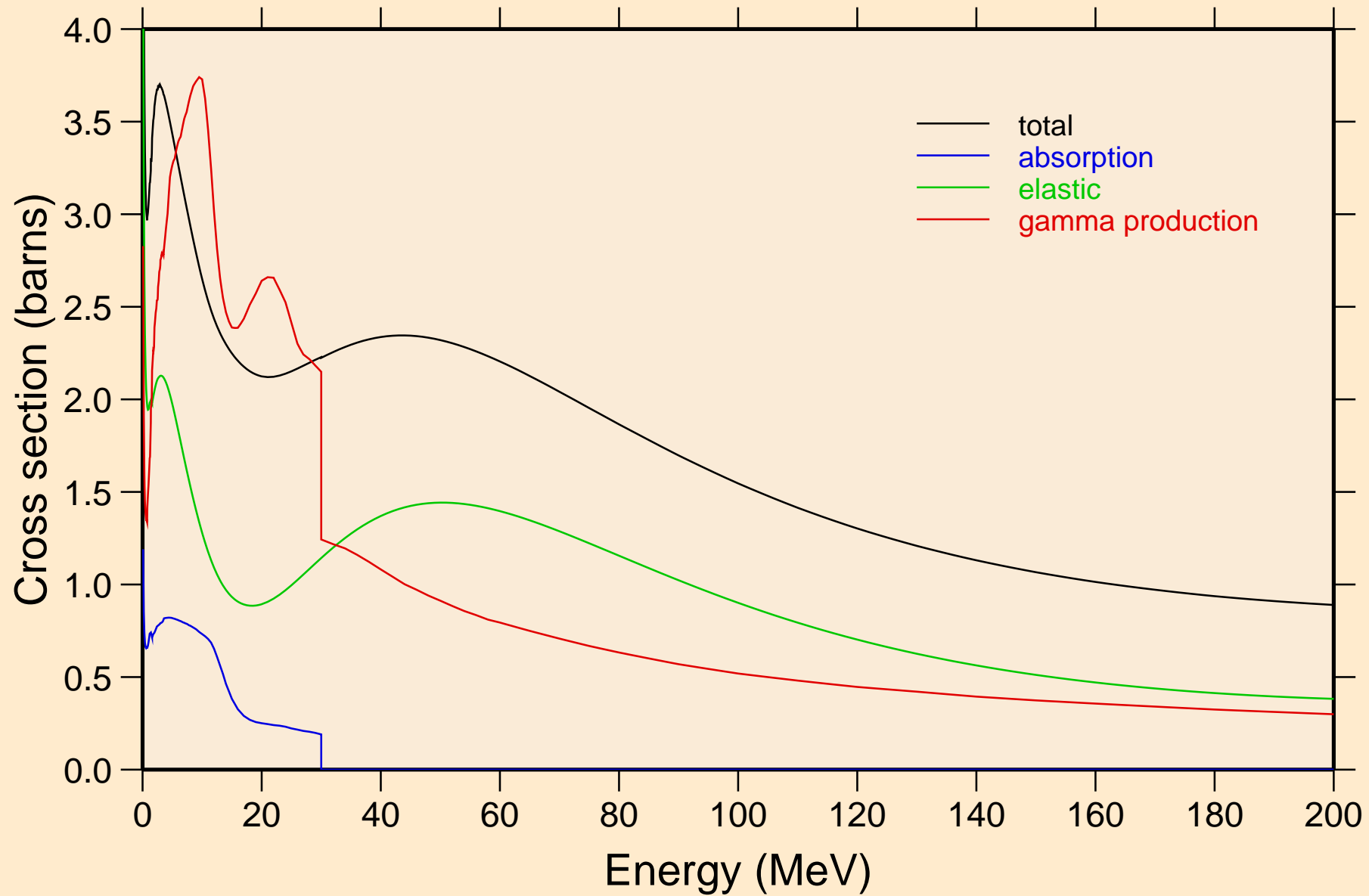
## Non-threshold reactions





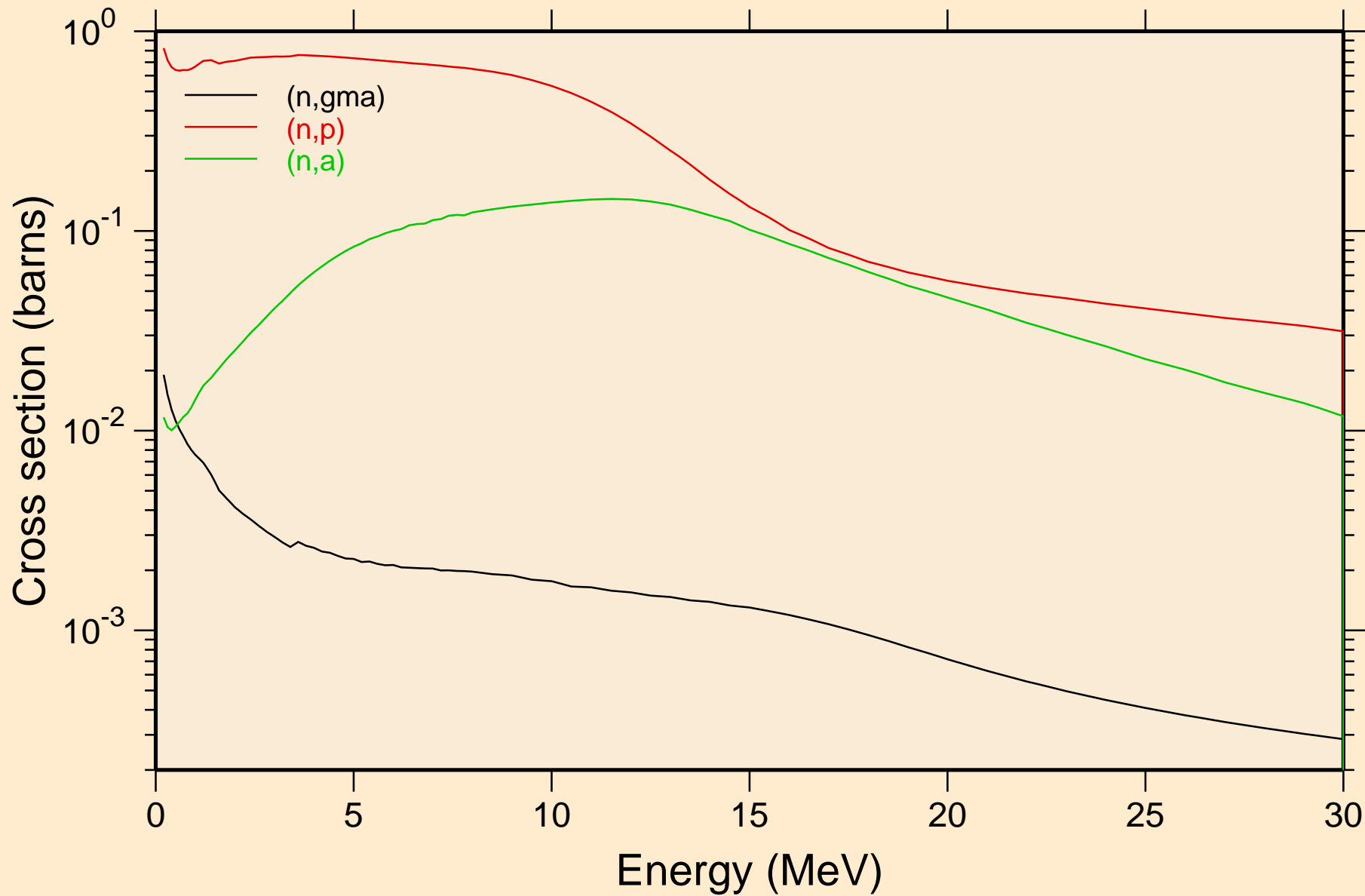
# TI045 NRG TENDL-2015, AKONING

## Principal cross sections



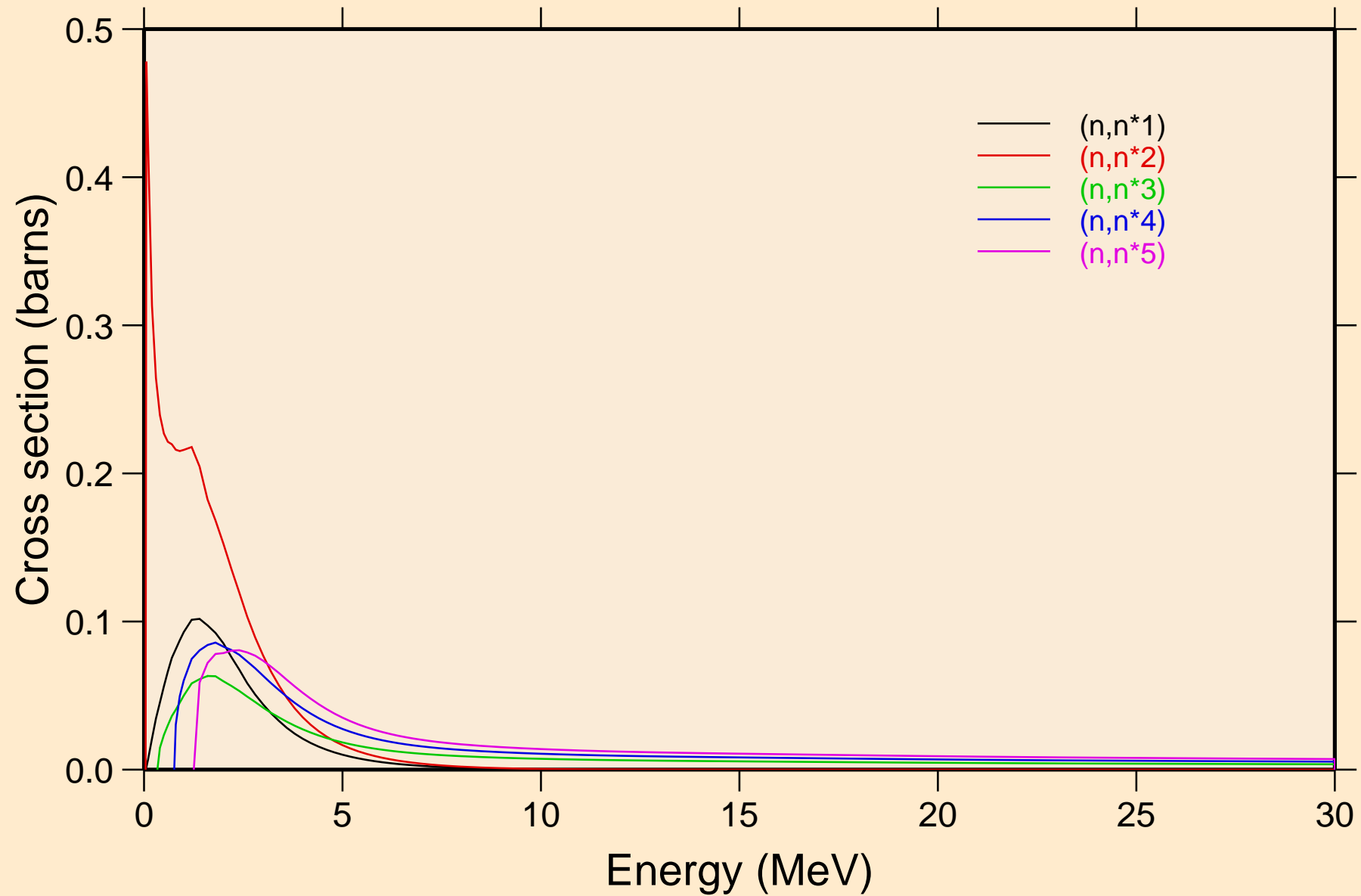
# TI045 NRG TENDL-2015, AKONING

## Non-threshold reactions



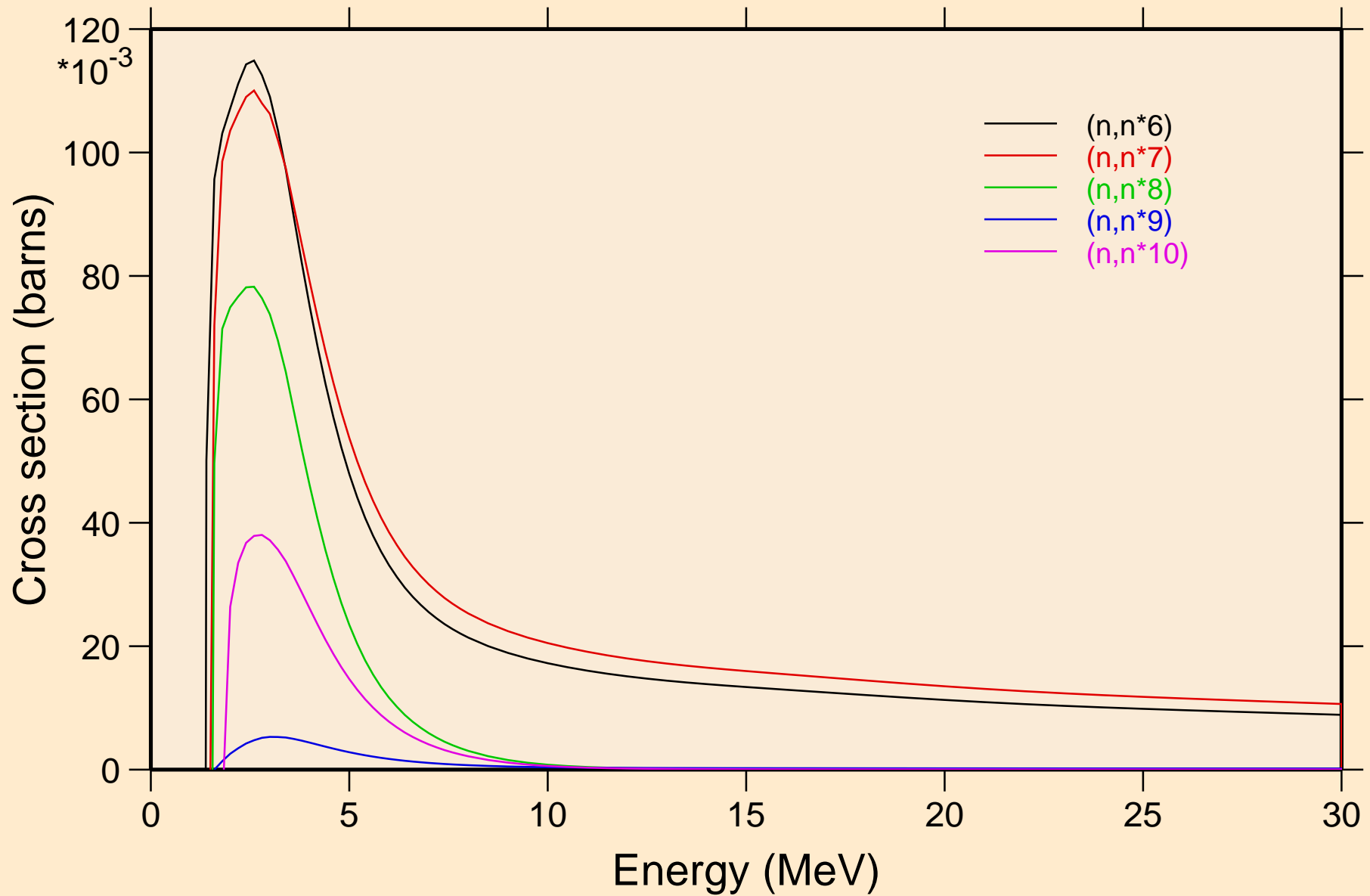
# TI045 NRG TENDL-2015, AKONING

## Inelastic levels



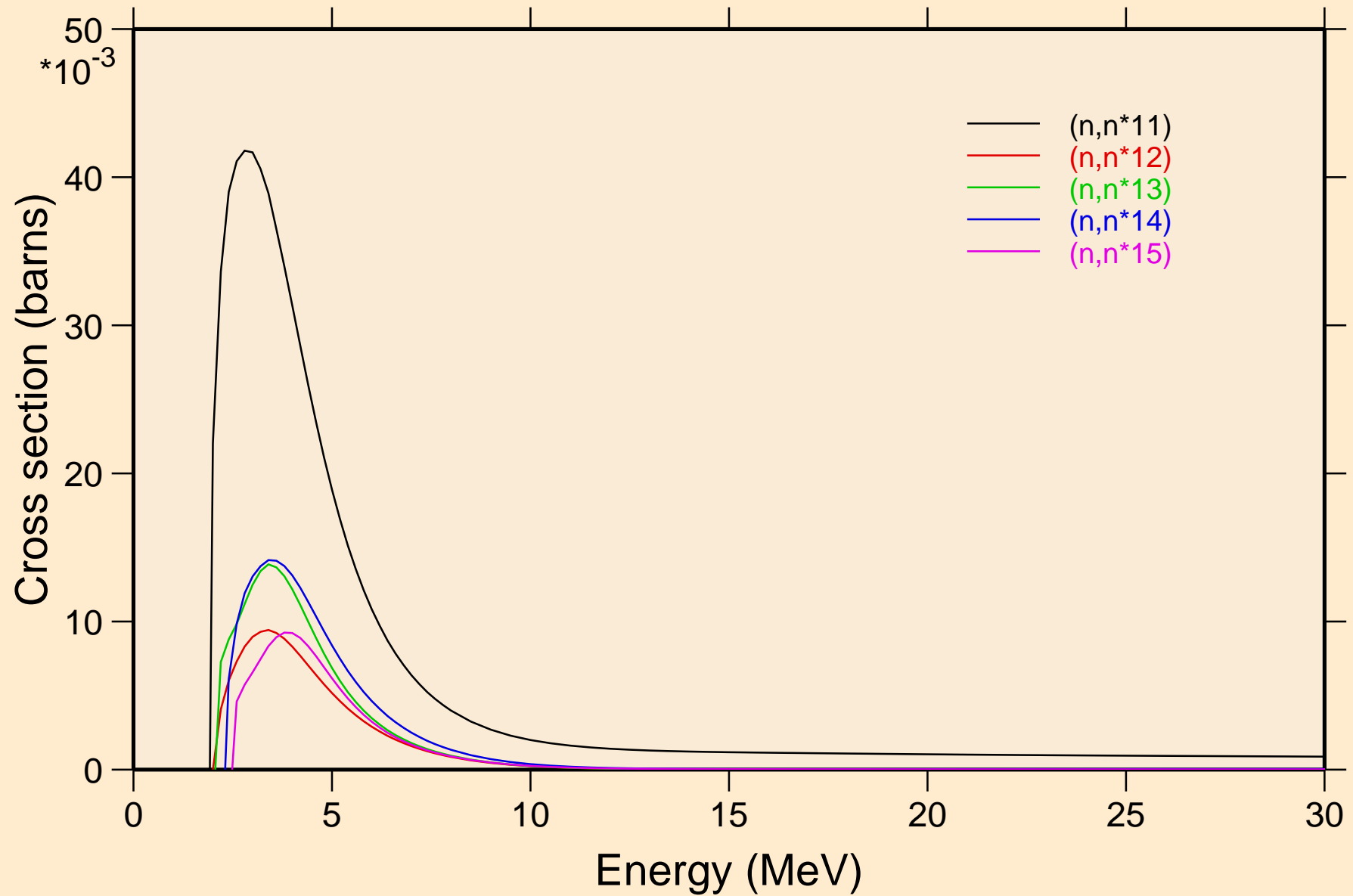
# TI045 NRG TENDL-2015, AKONING

## Inelastic levels



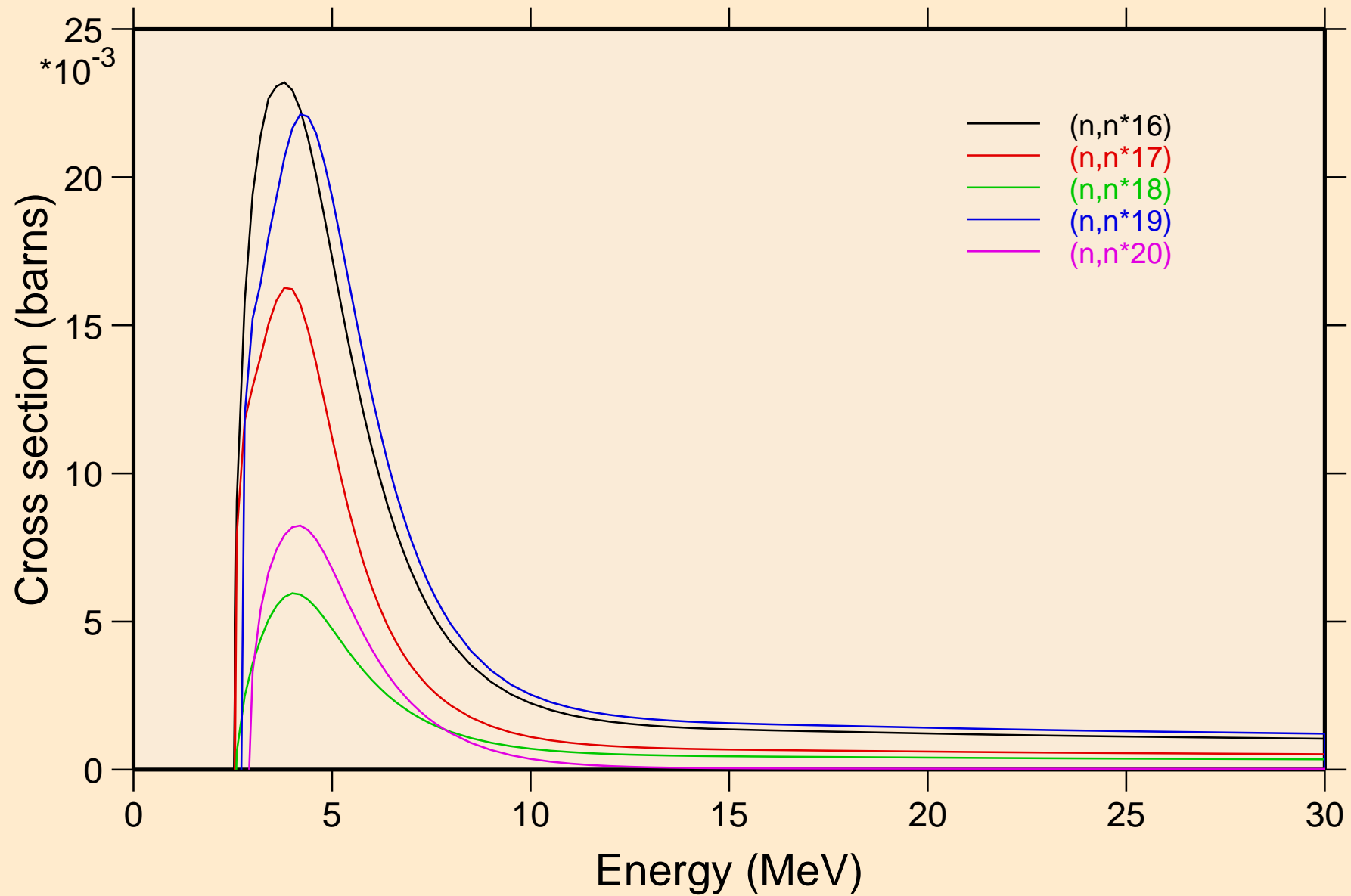
# TI045 NRG TENDL-2015, AKONING

## Inelastic levels



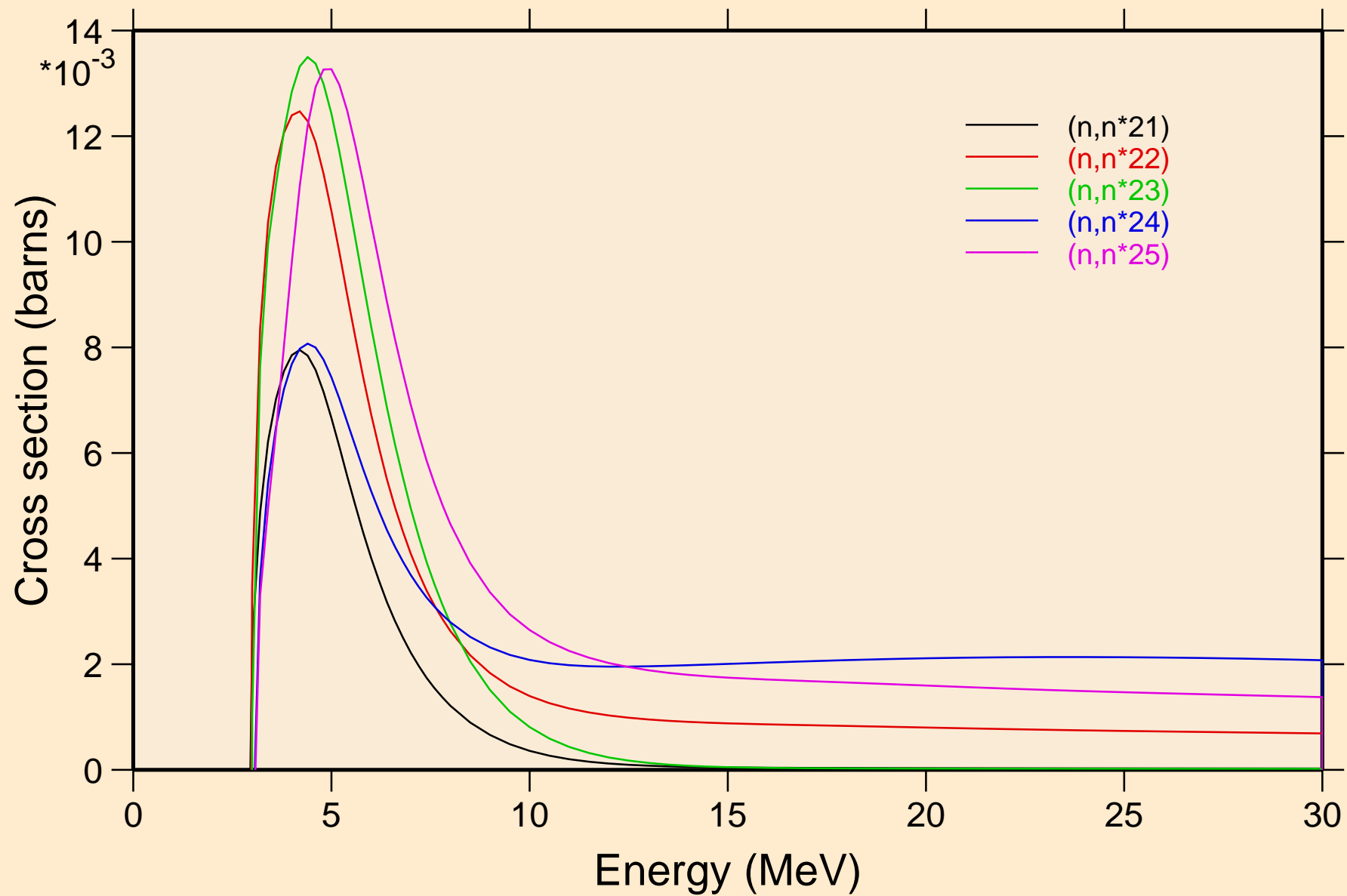
# TI045 NRG TENDL-2015, AKONING

## Inelastic levels



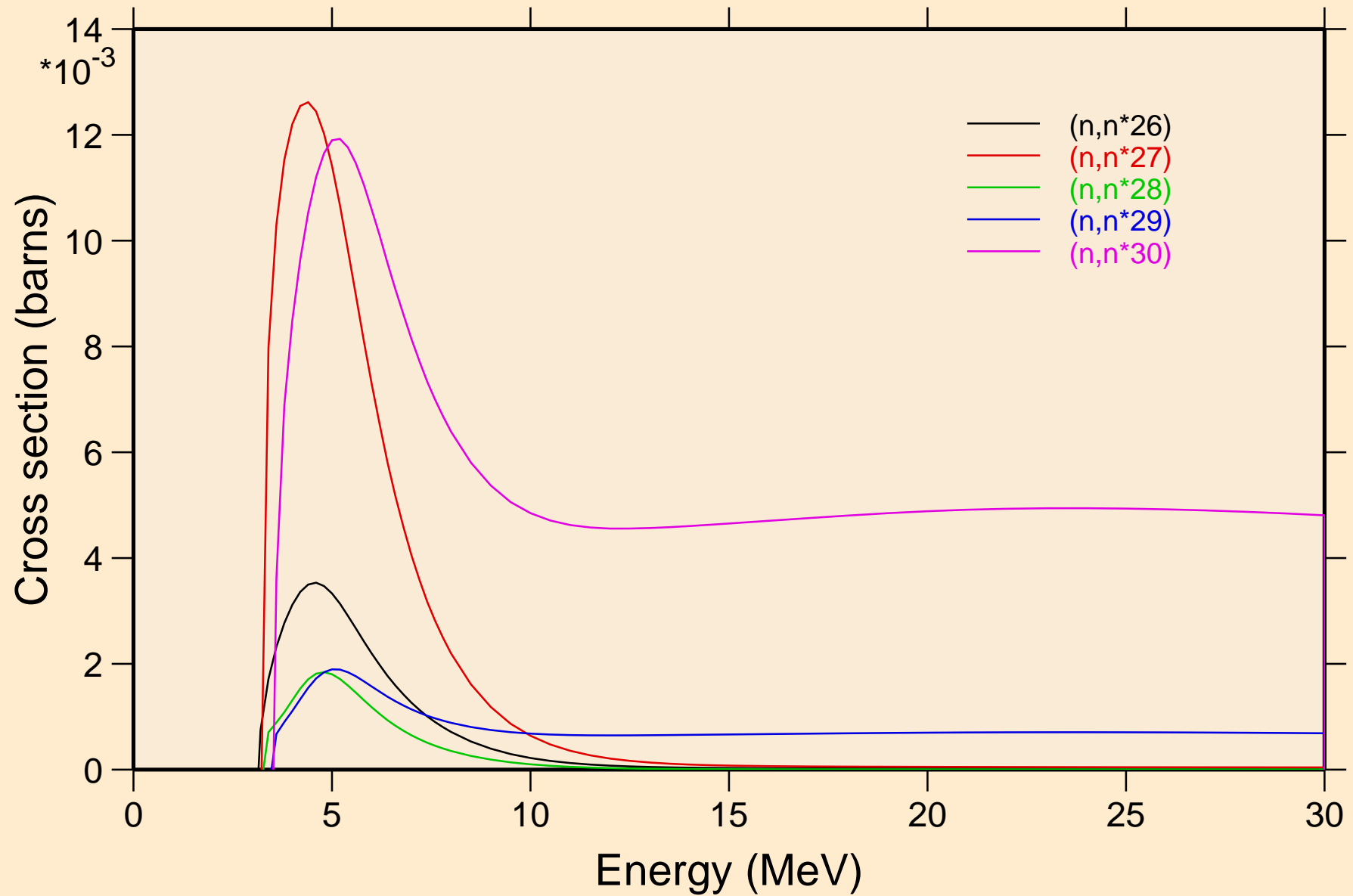
# TI045 NRG TENDL-2015, AKONING

## Inelastic levels



# TI045 NRG TENDL-2015, AKONING

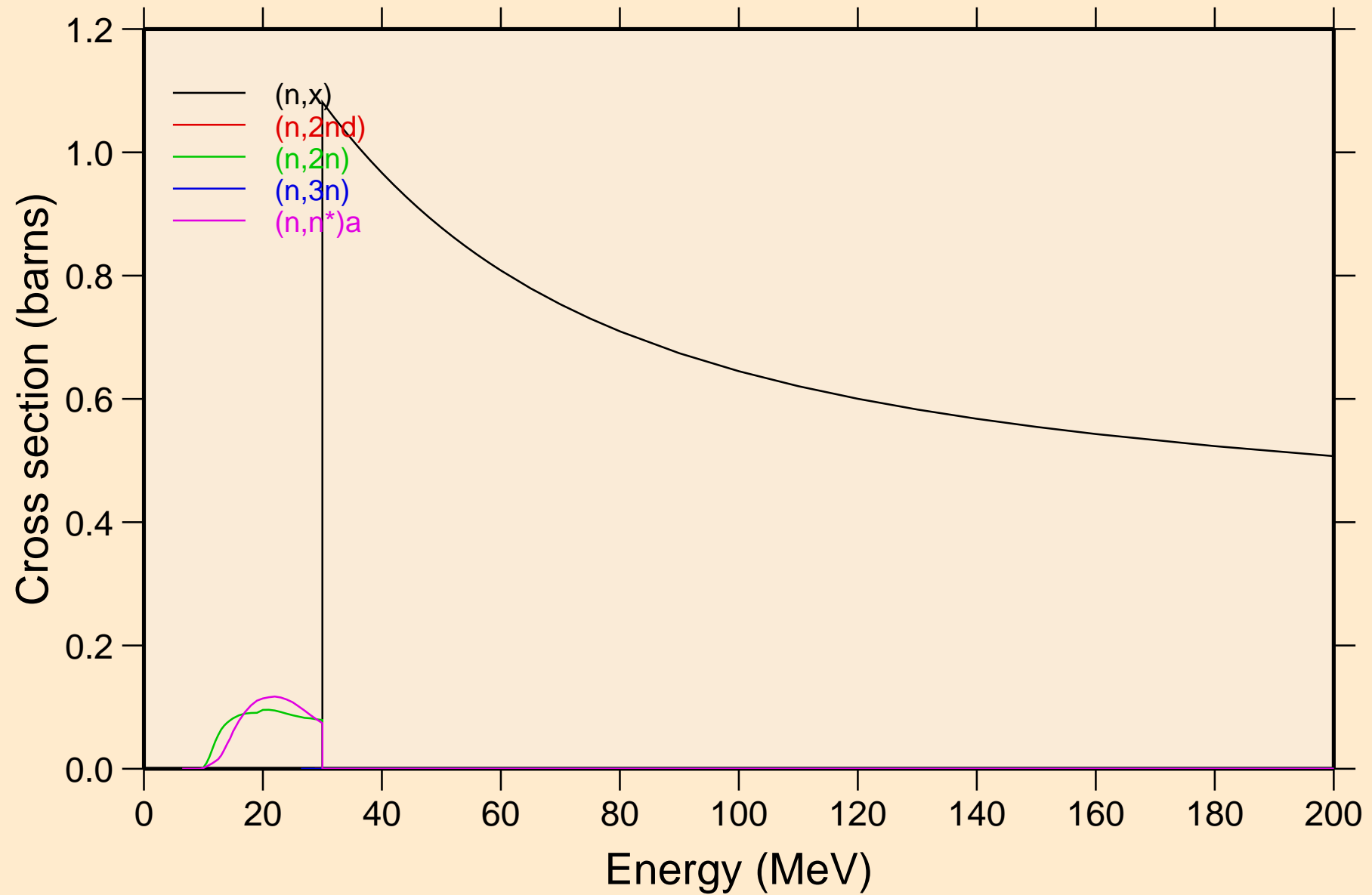
## Inelastic levels





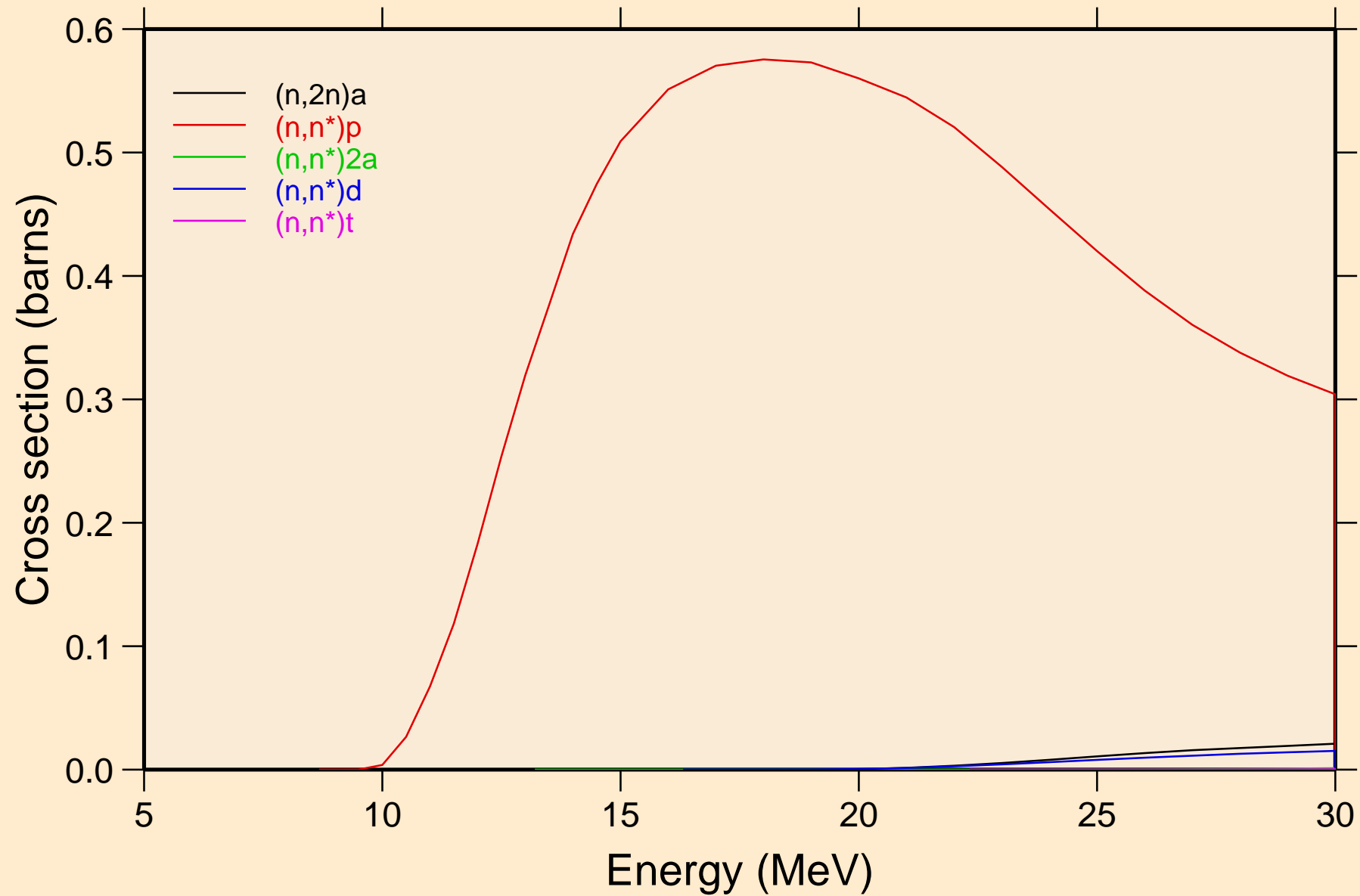
# TI045 NRG TENDL-2015, AKONING

## Threshold reactions



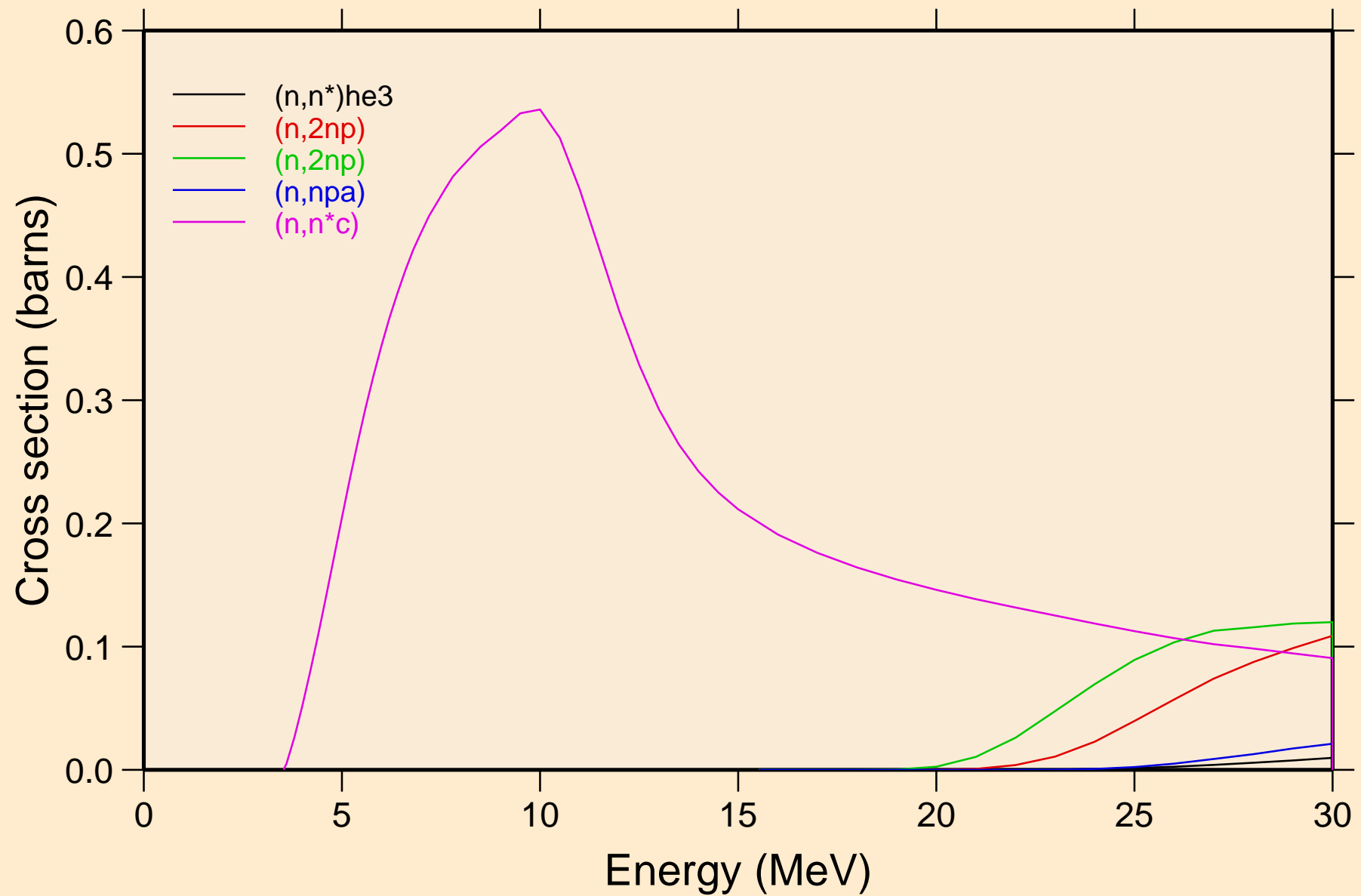
# TI045 NRG TENDL-2015, AKONING

## Threshold reactions



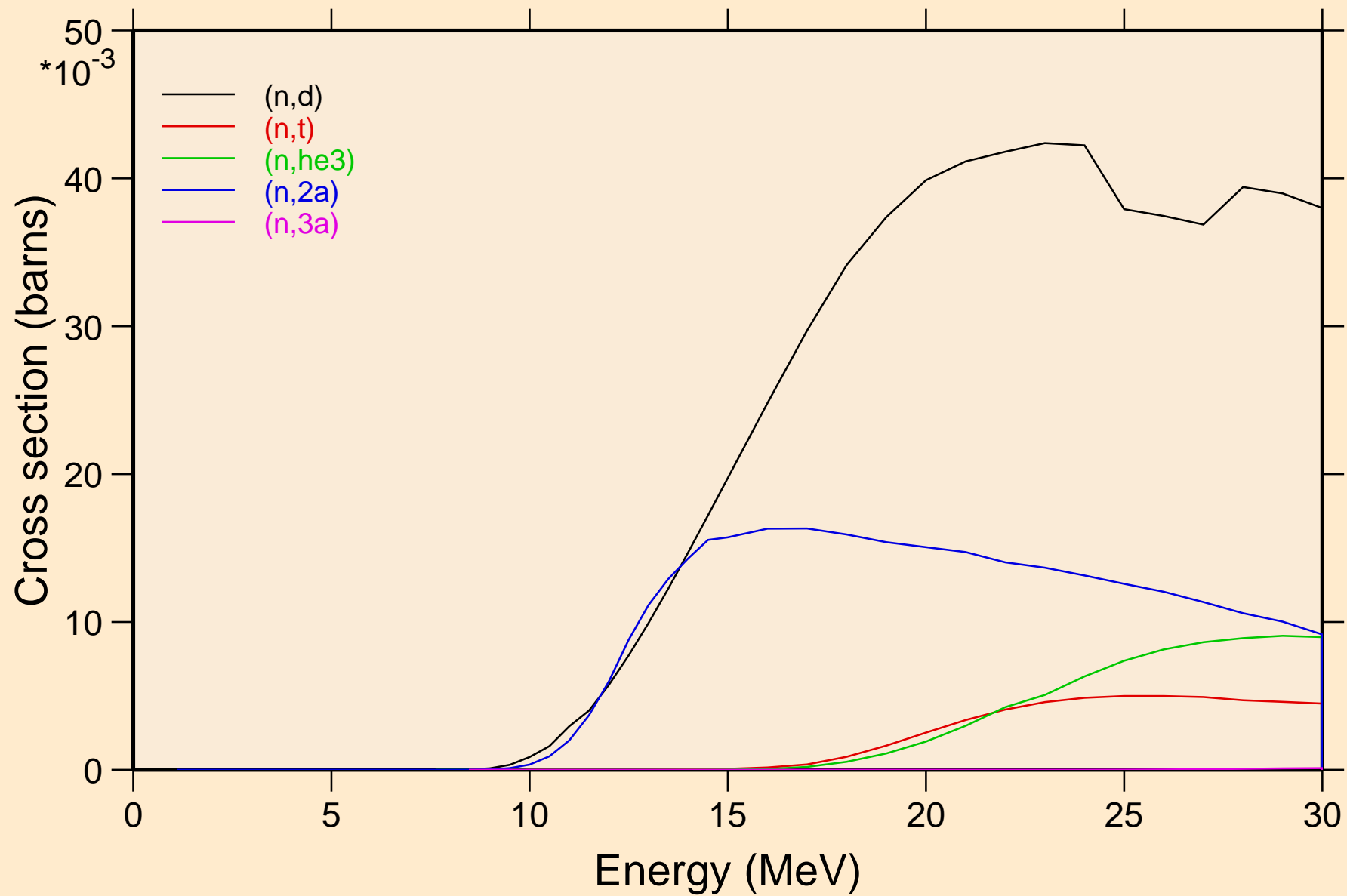
# TI045 NRG TENDL-2015, AKONING

## Threshold reactions



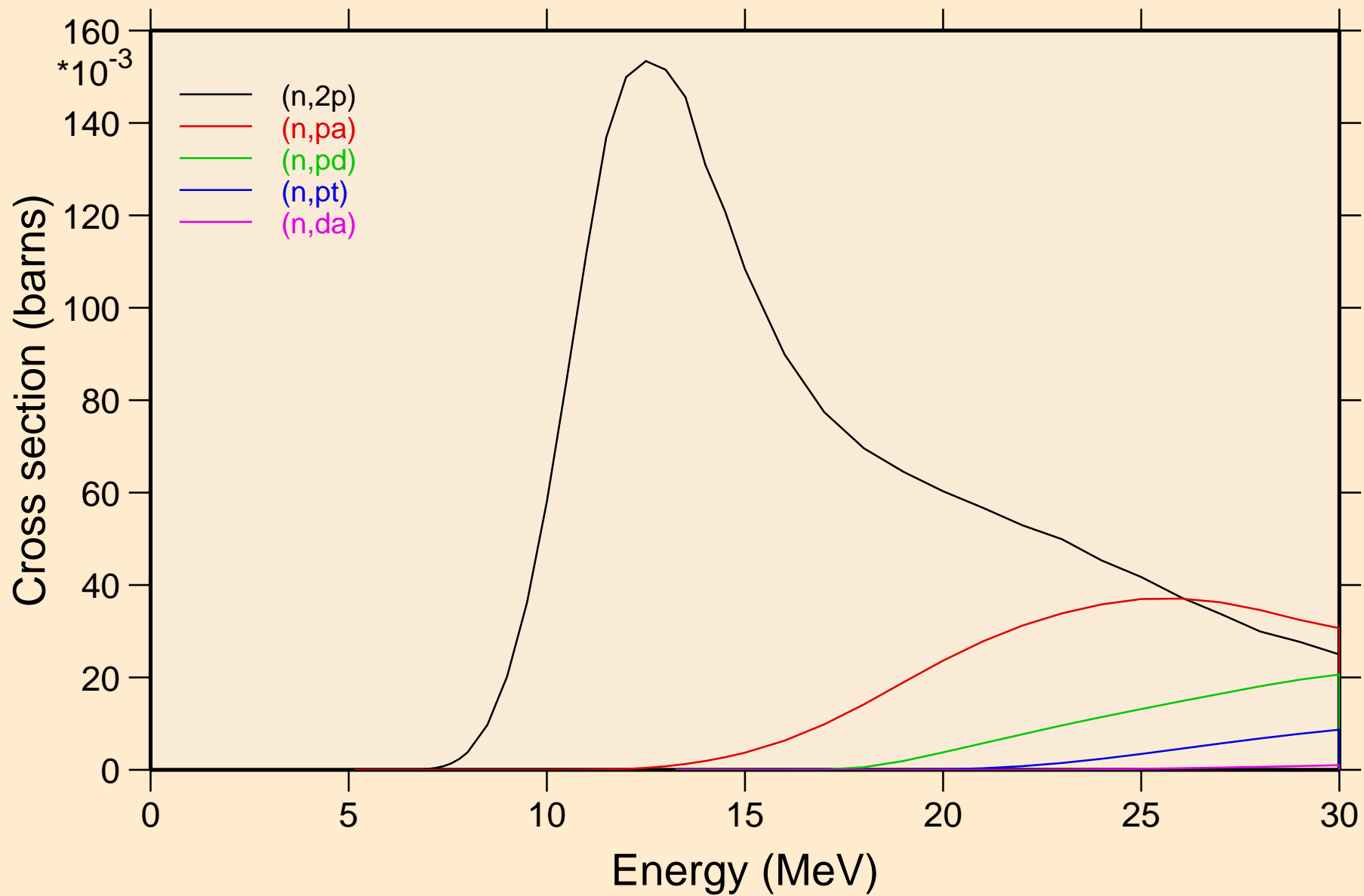
# TI045 NRG TENDL-2015, AKONING

## Threshold reactions

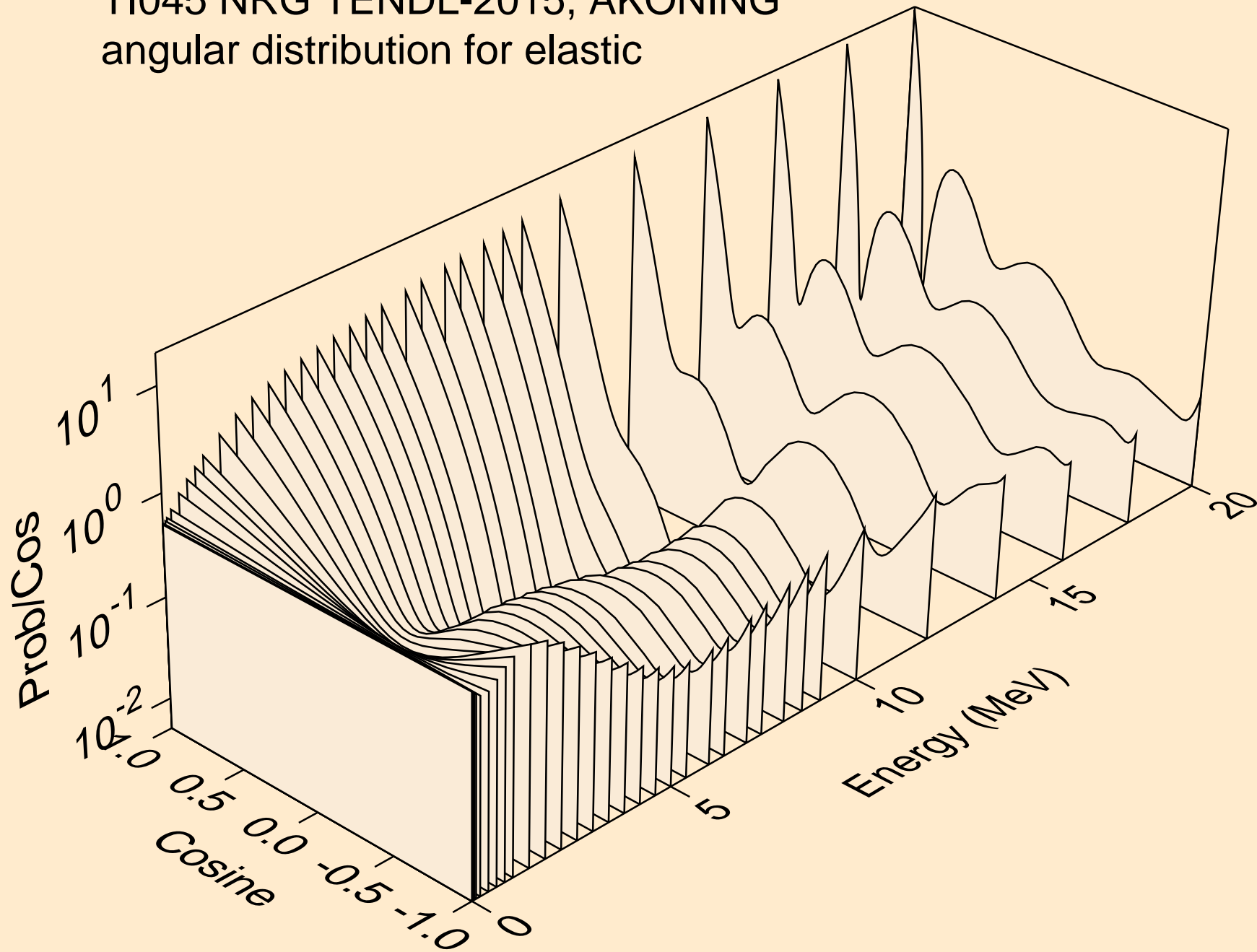


# TI045 NRG TENDL-2015, AKONING

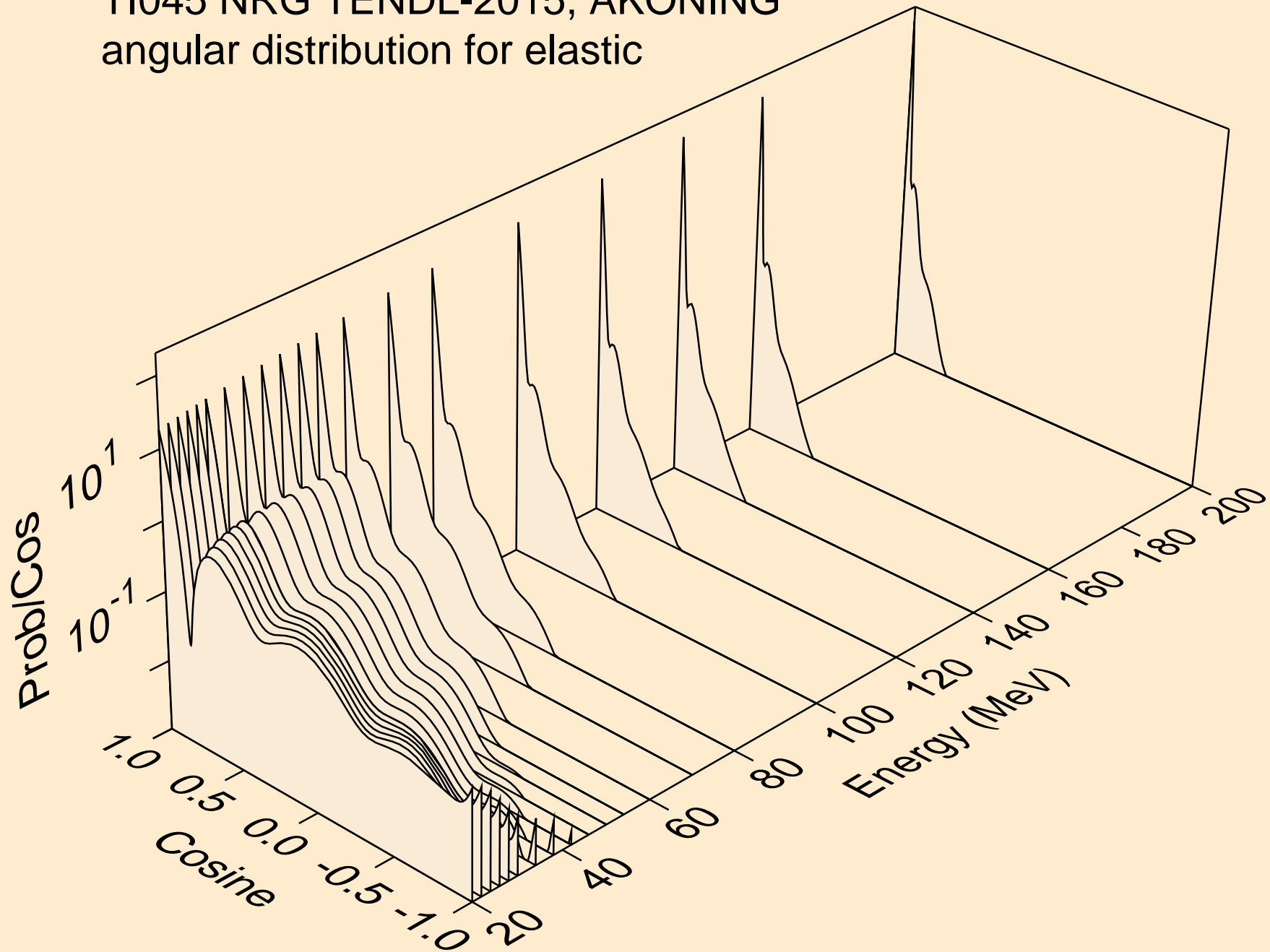
## Threshold reactions



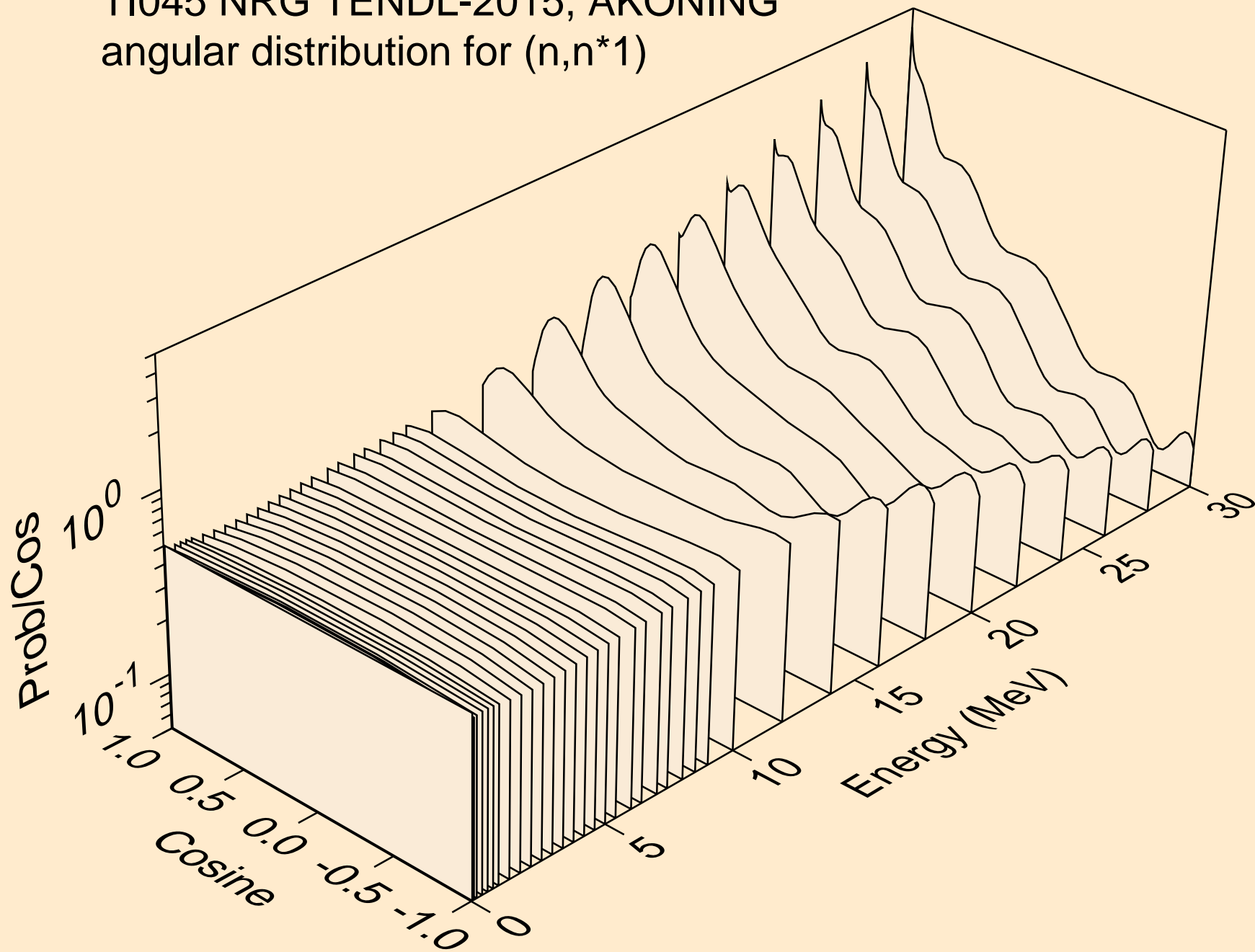
TI045 NRG TENDL-2015, AKONING  
angular distribution for elastic



TI045 NRG TENDL-2015, AKONING  
angular distribution for elastic

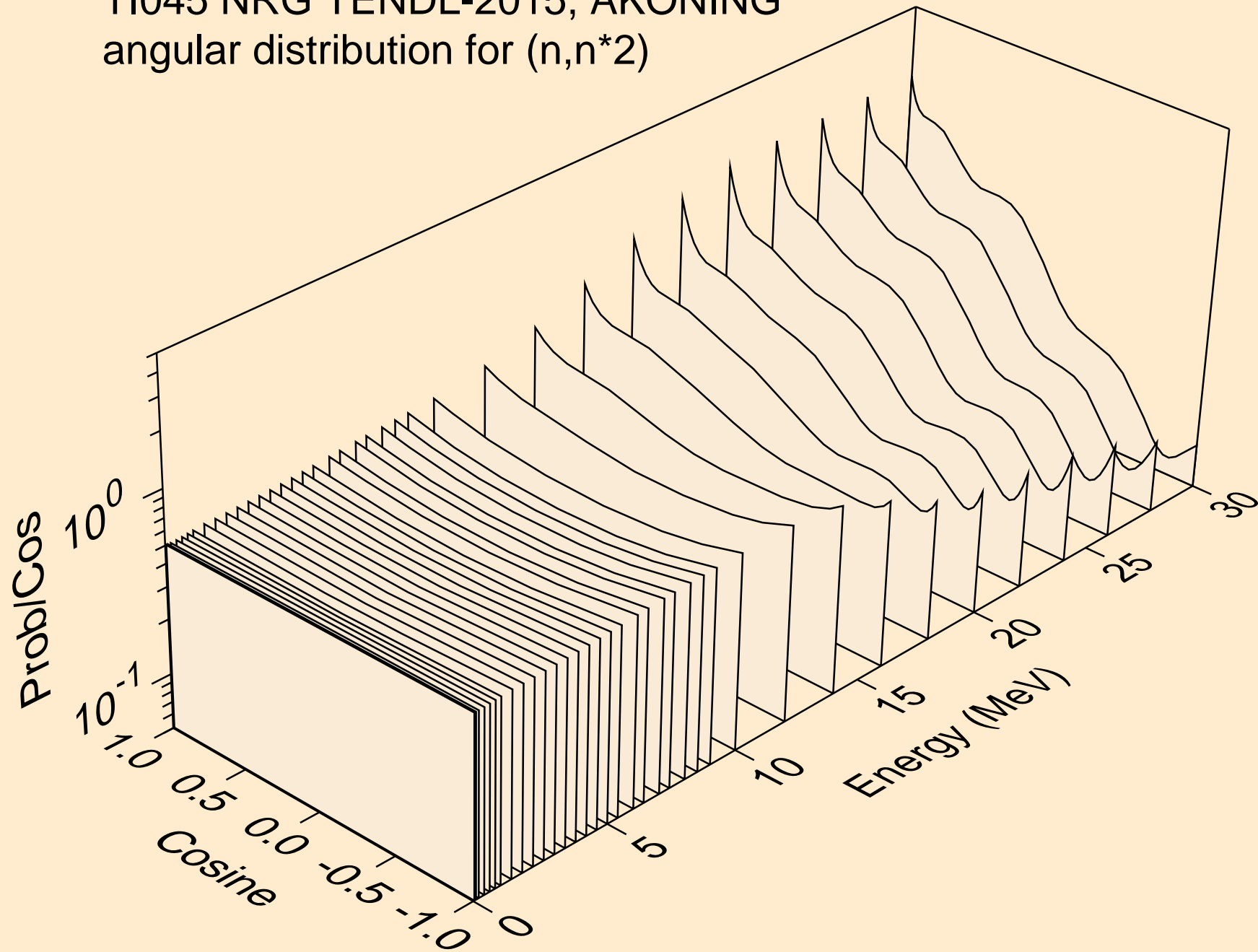


TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

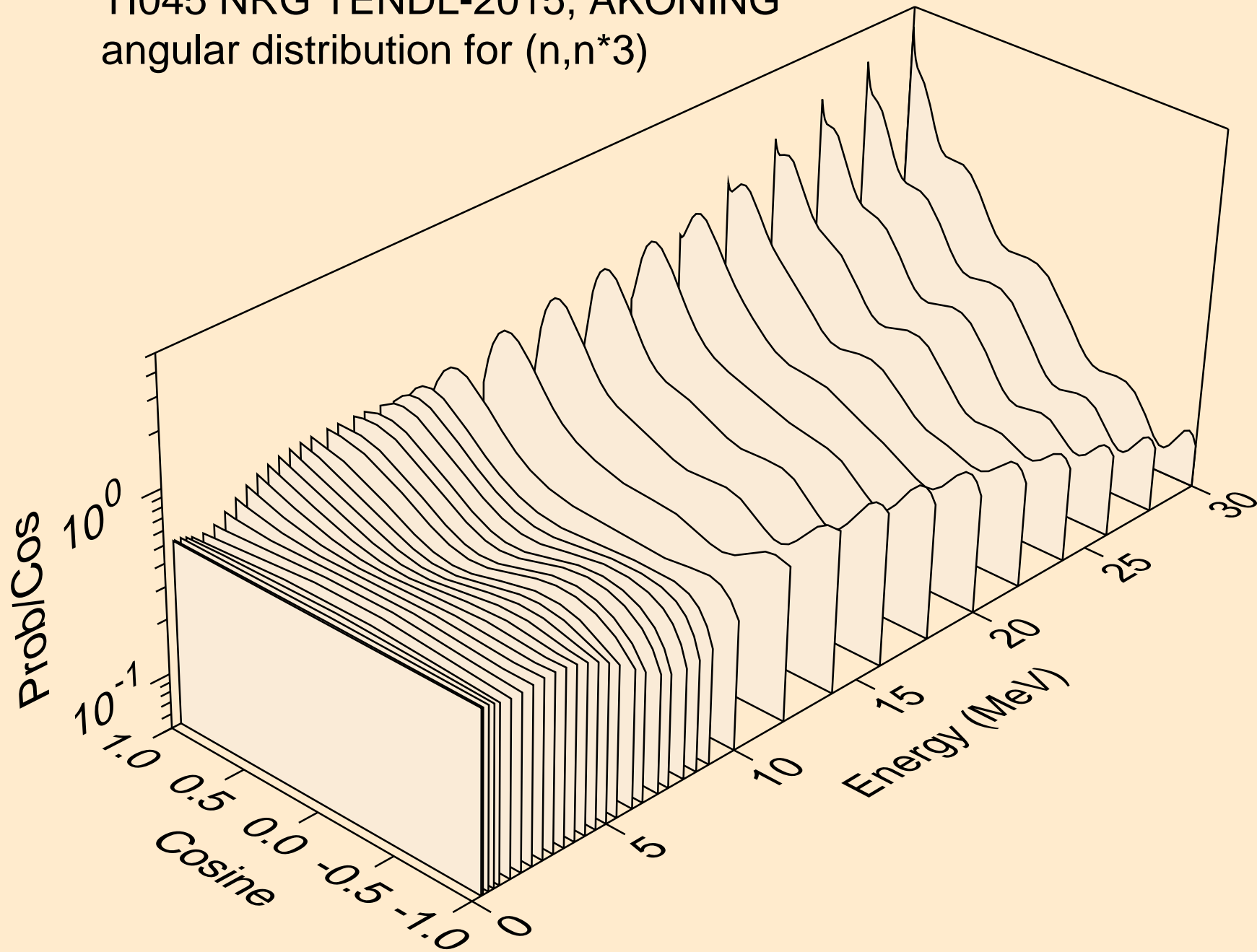




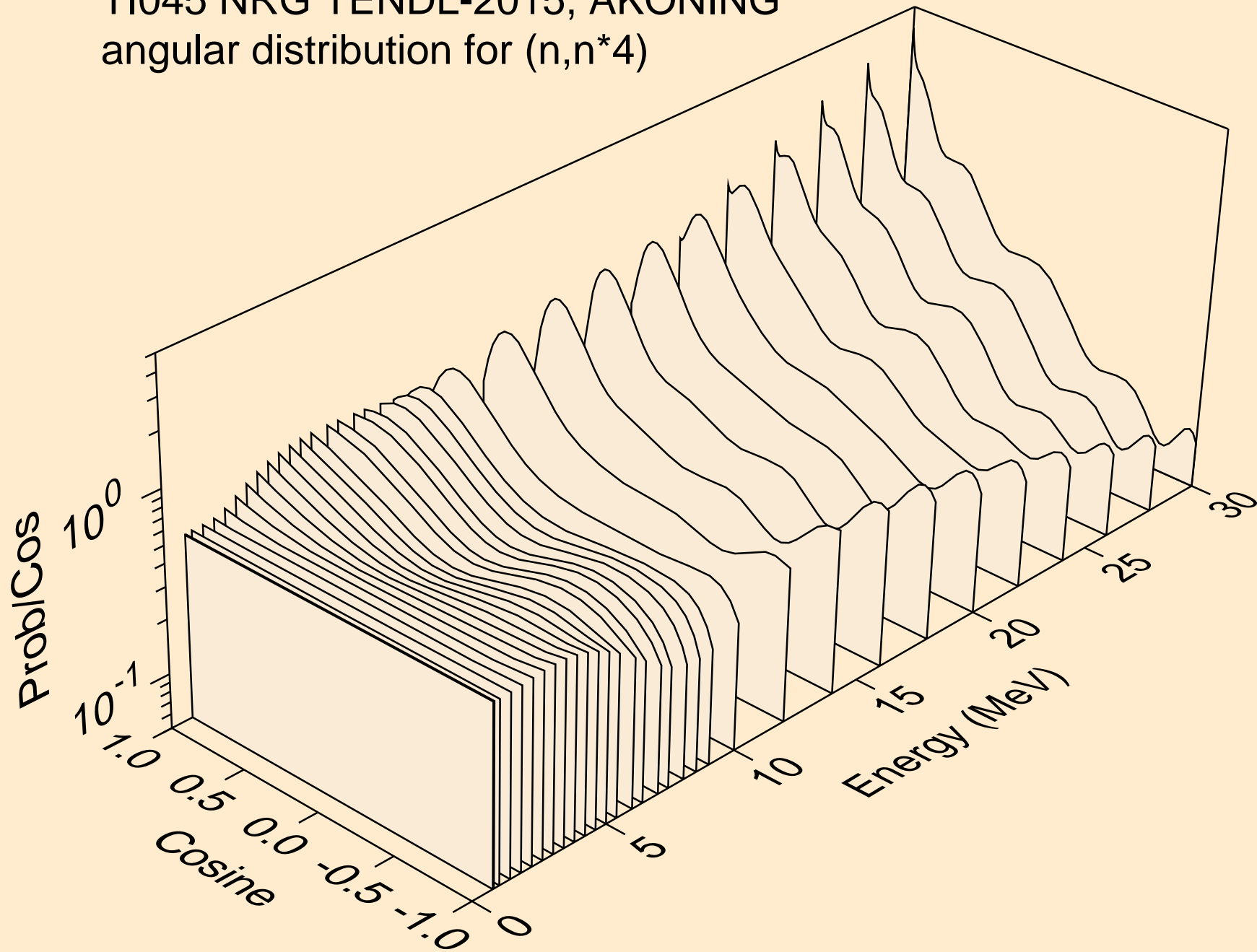
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



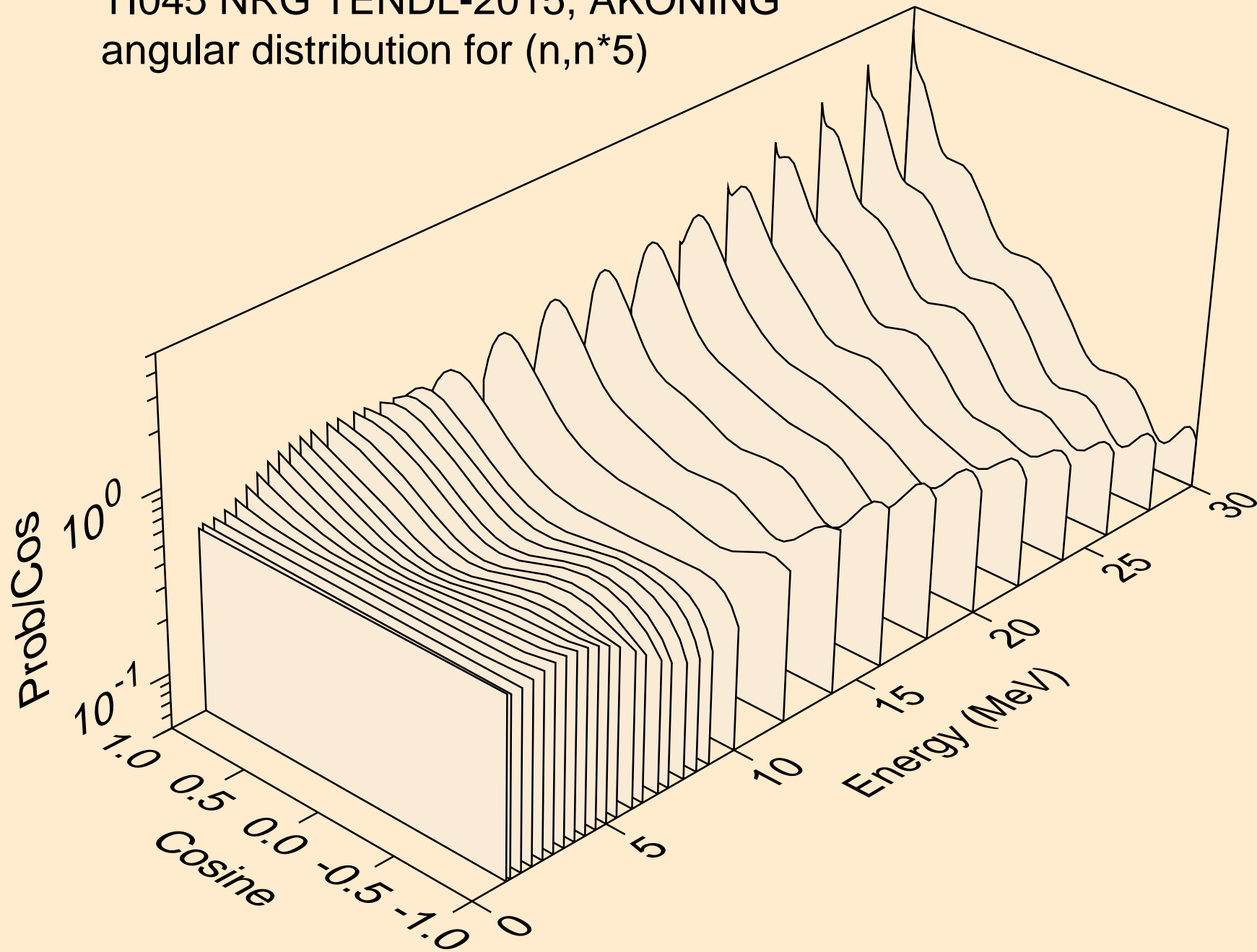
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



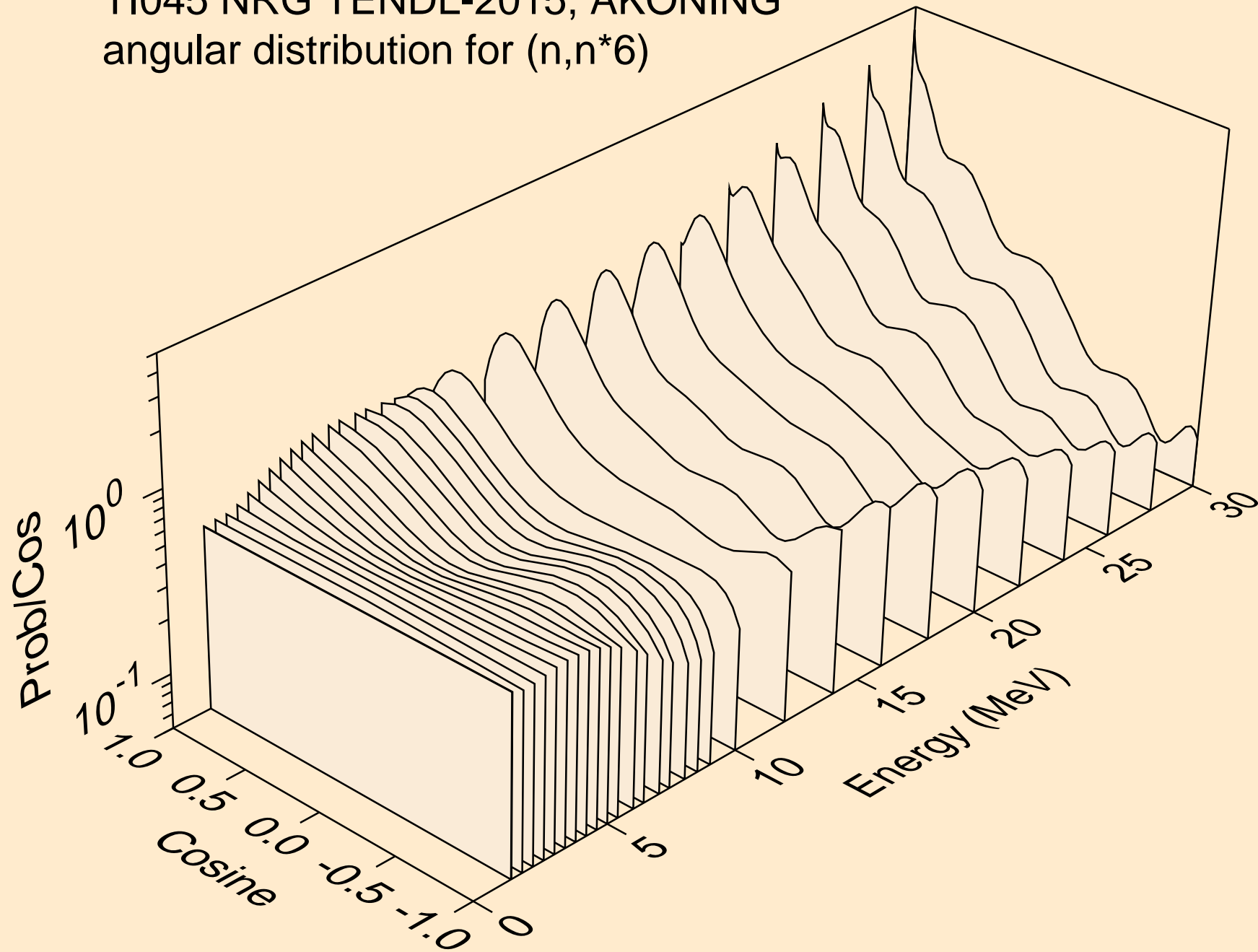
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



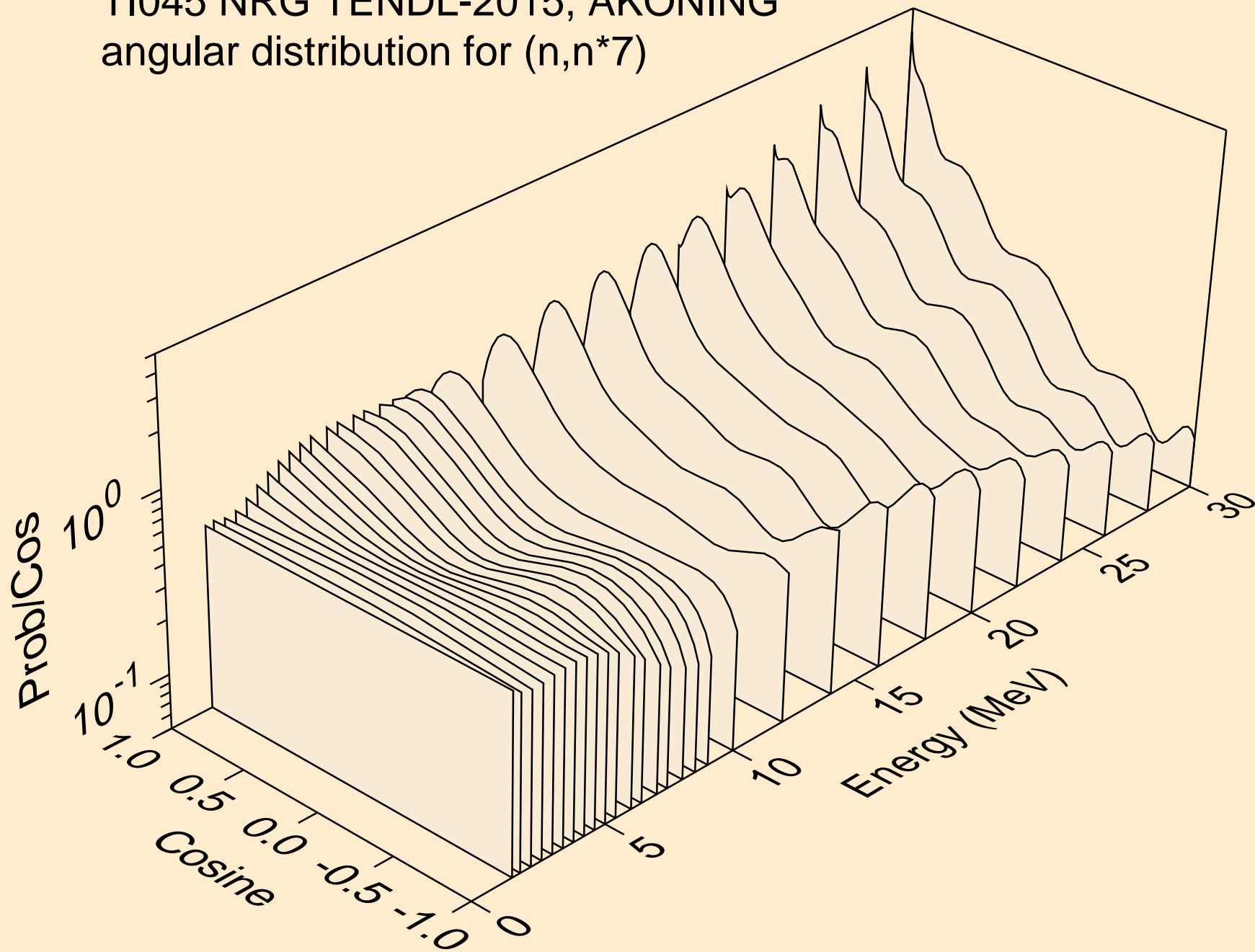
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



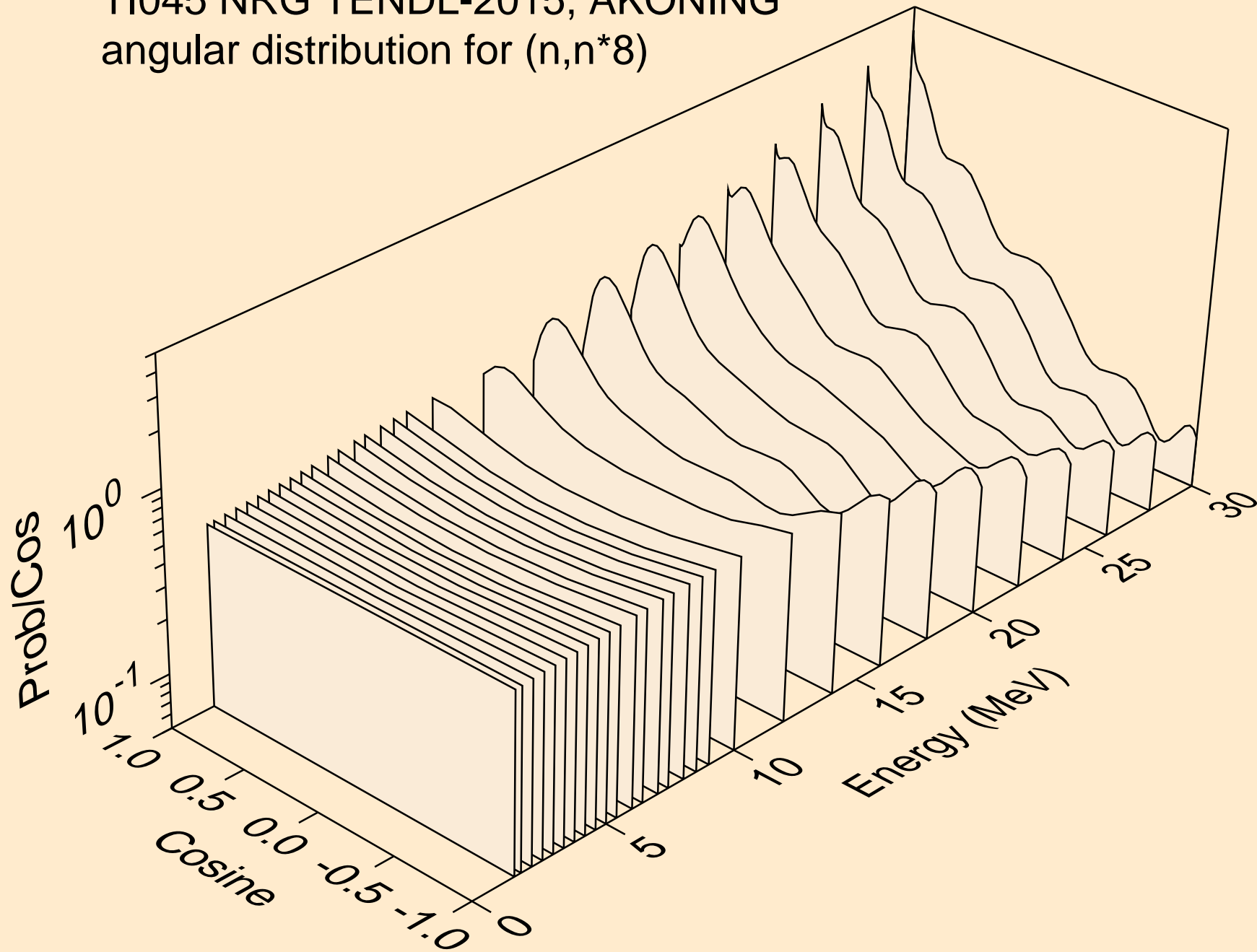
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



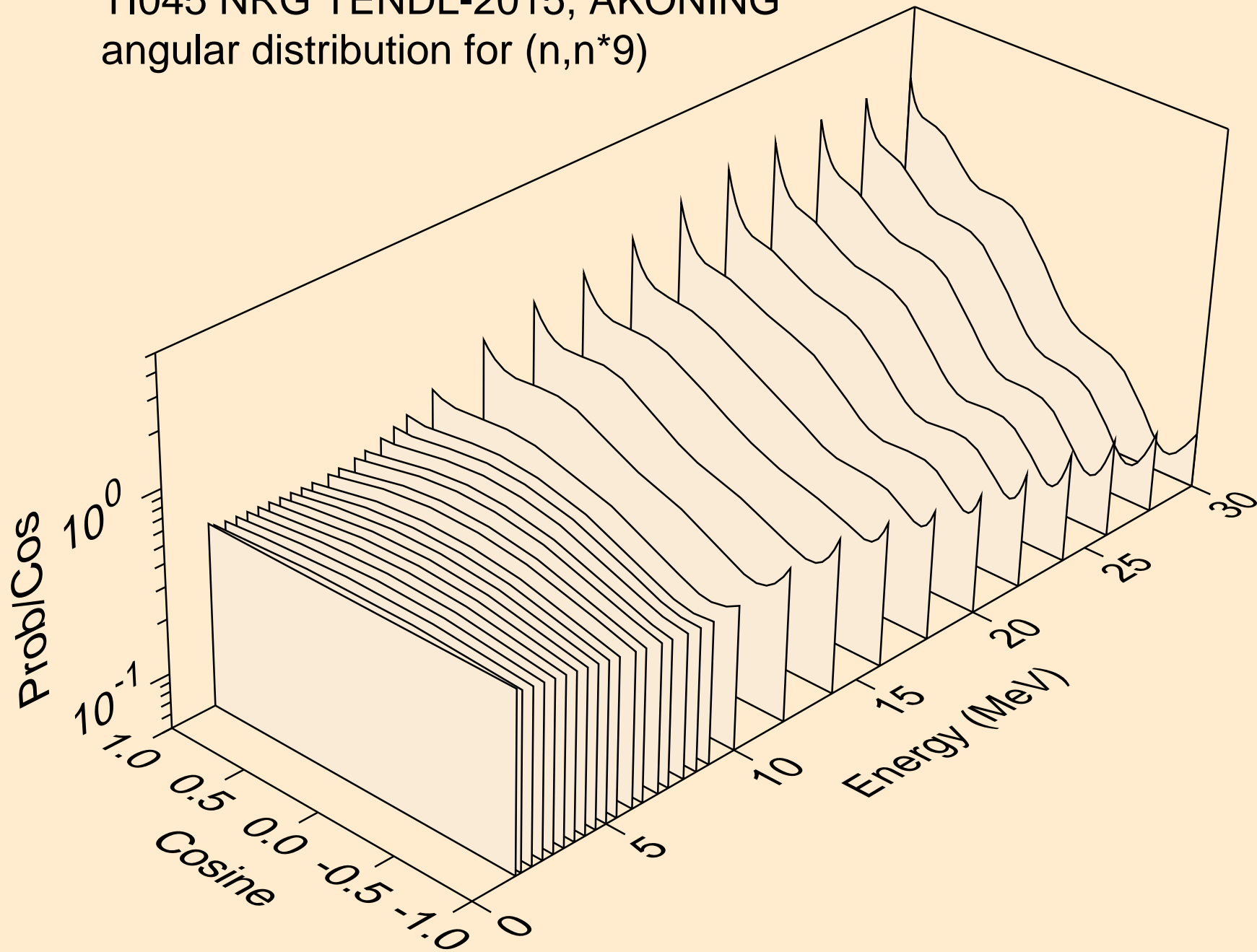
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

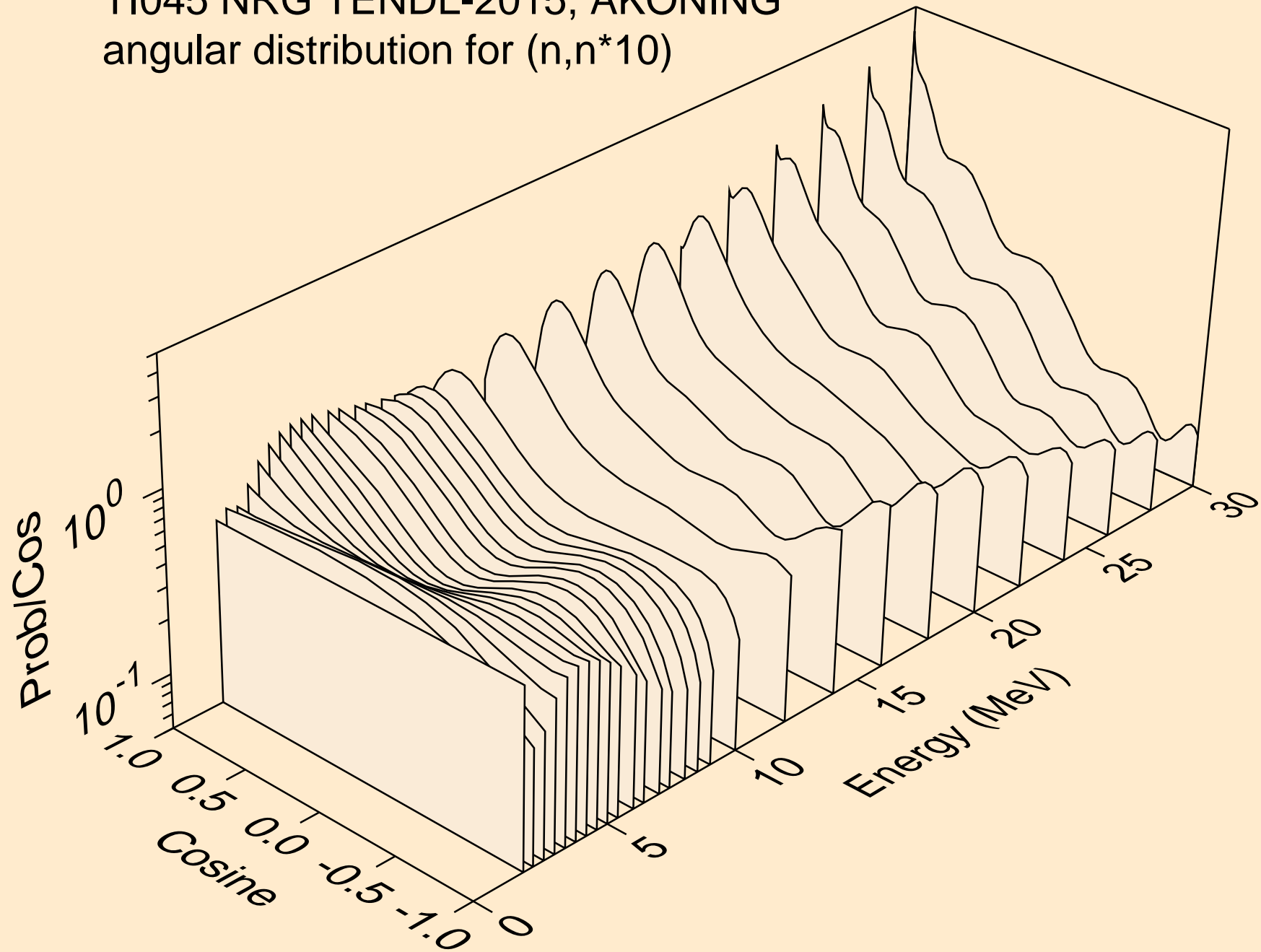


TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

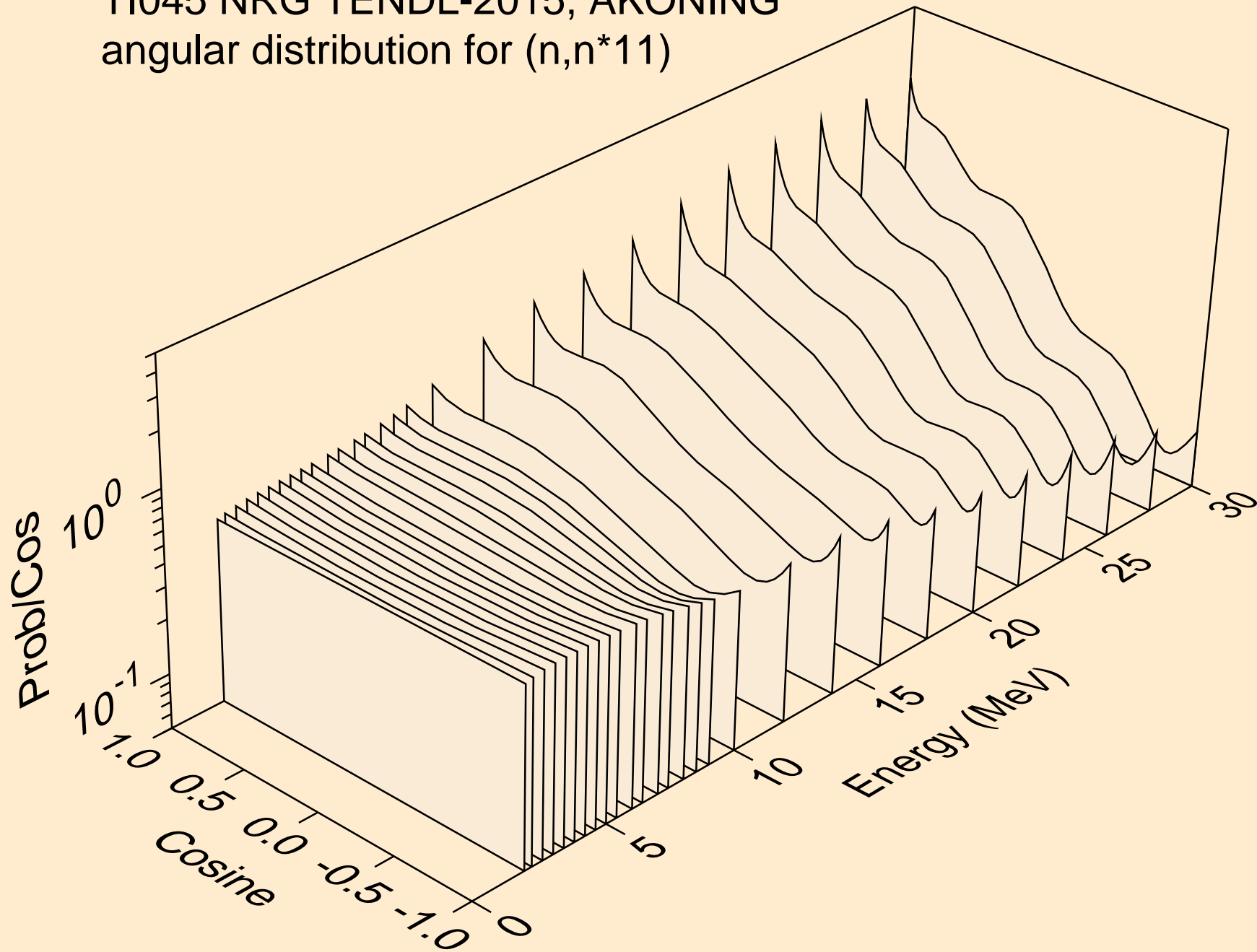




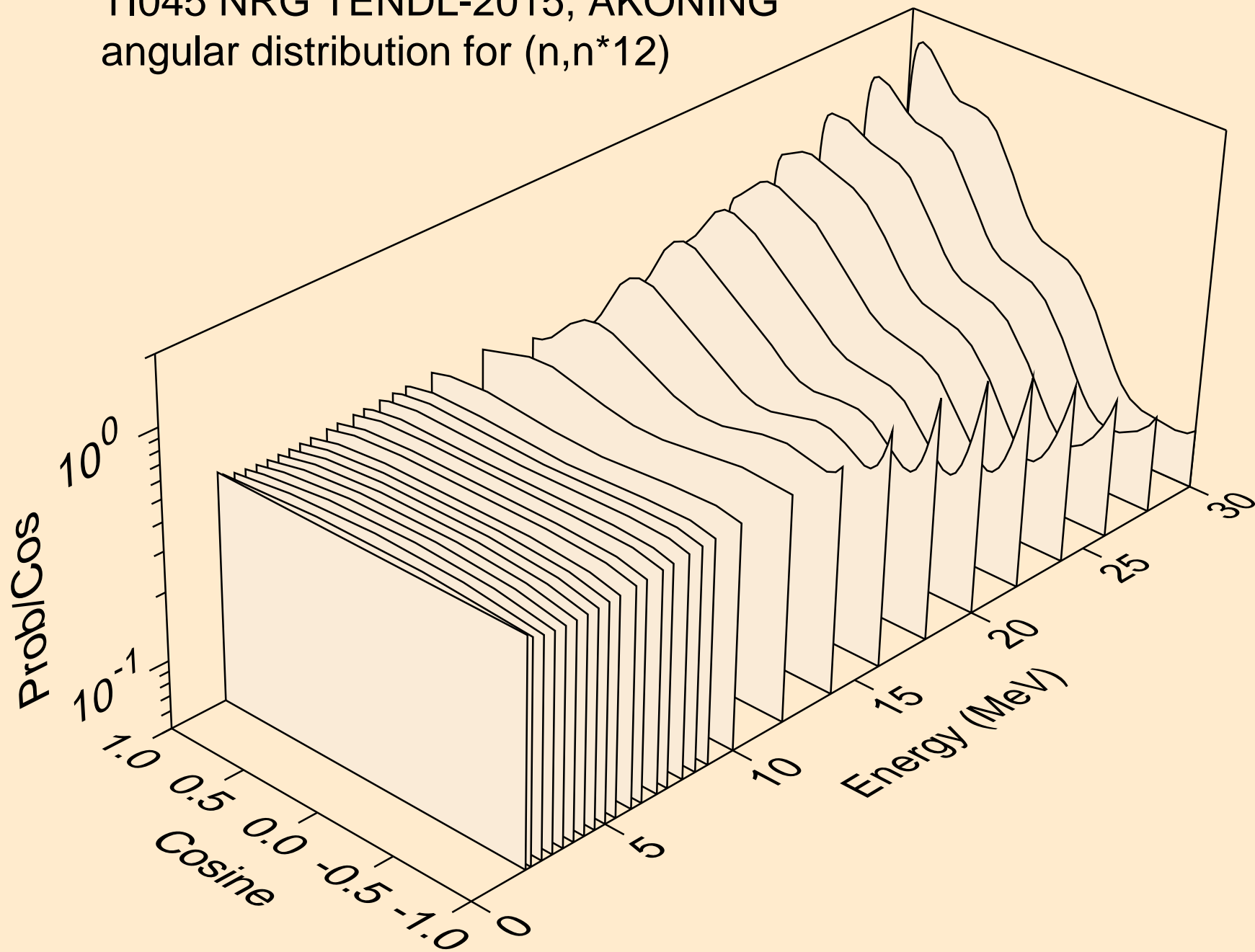
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



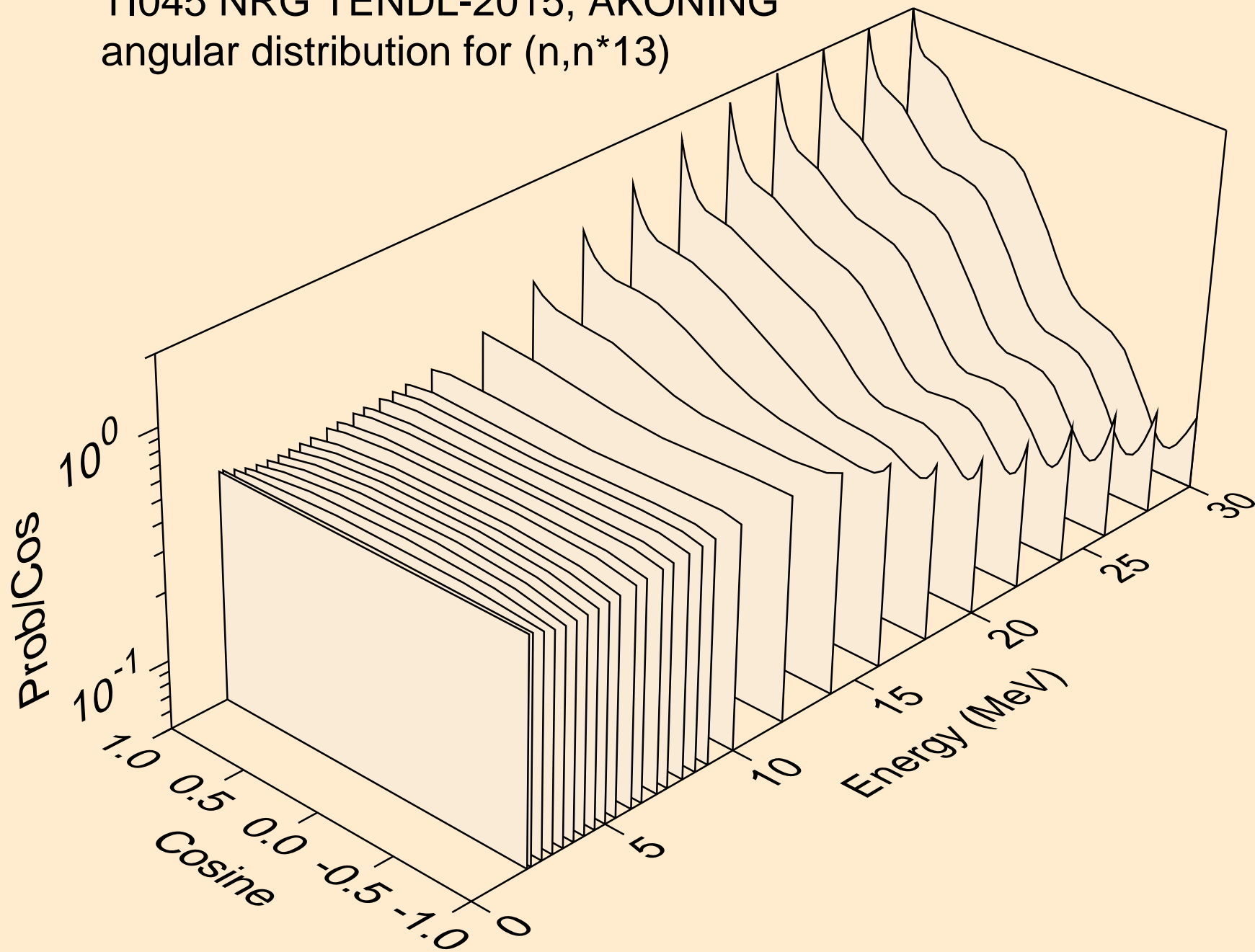
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



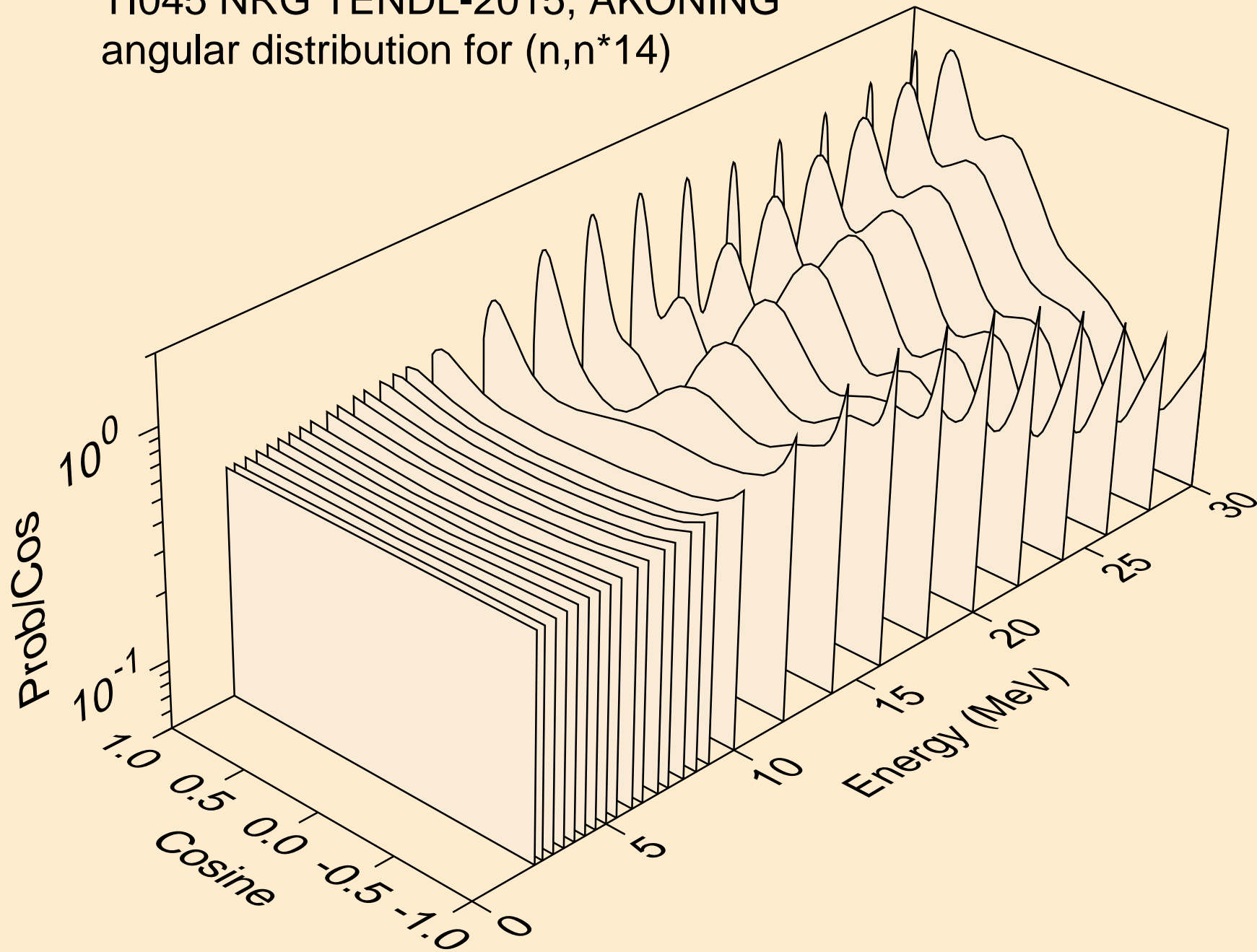
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



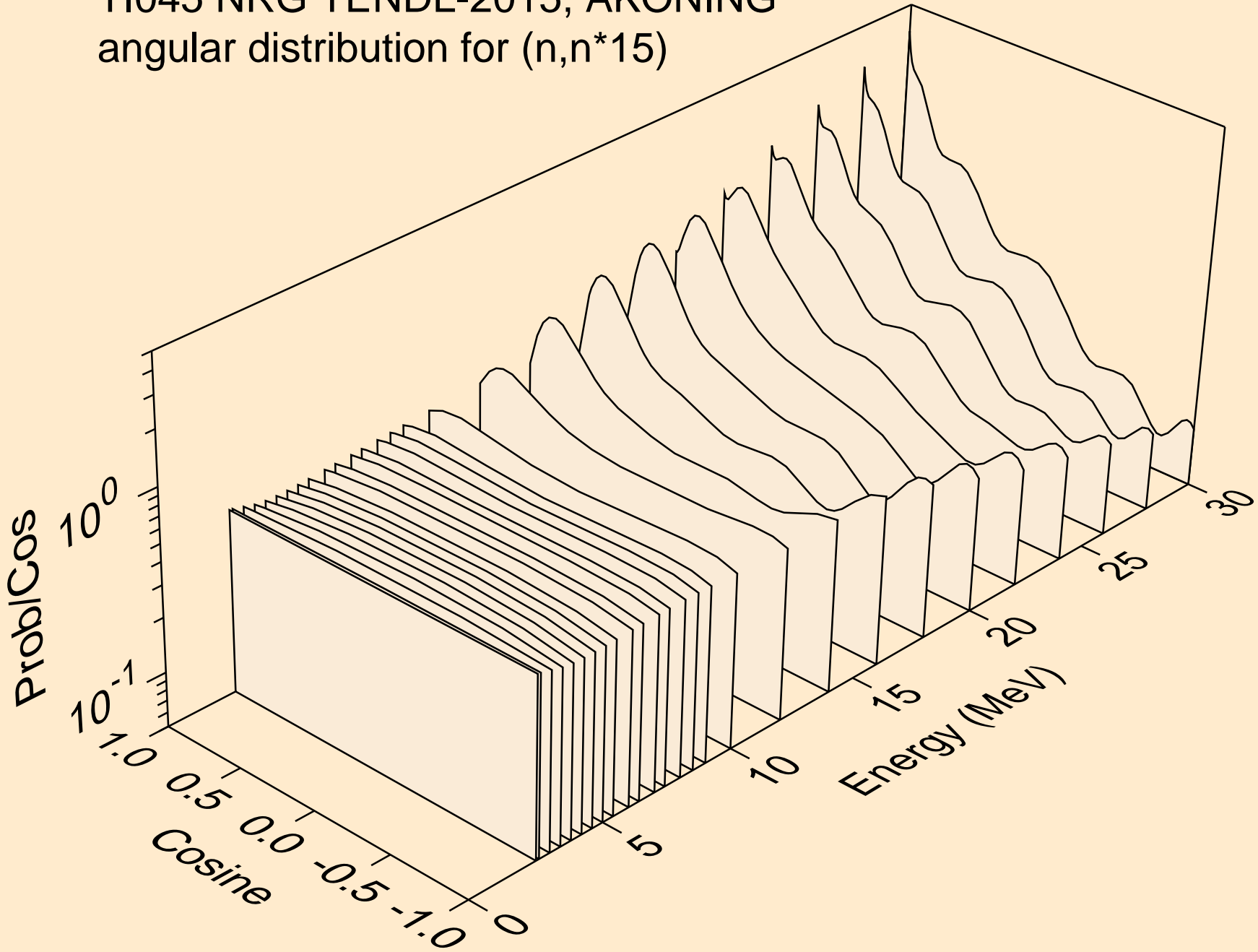
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



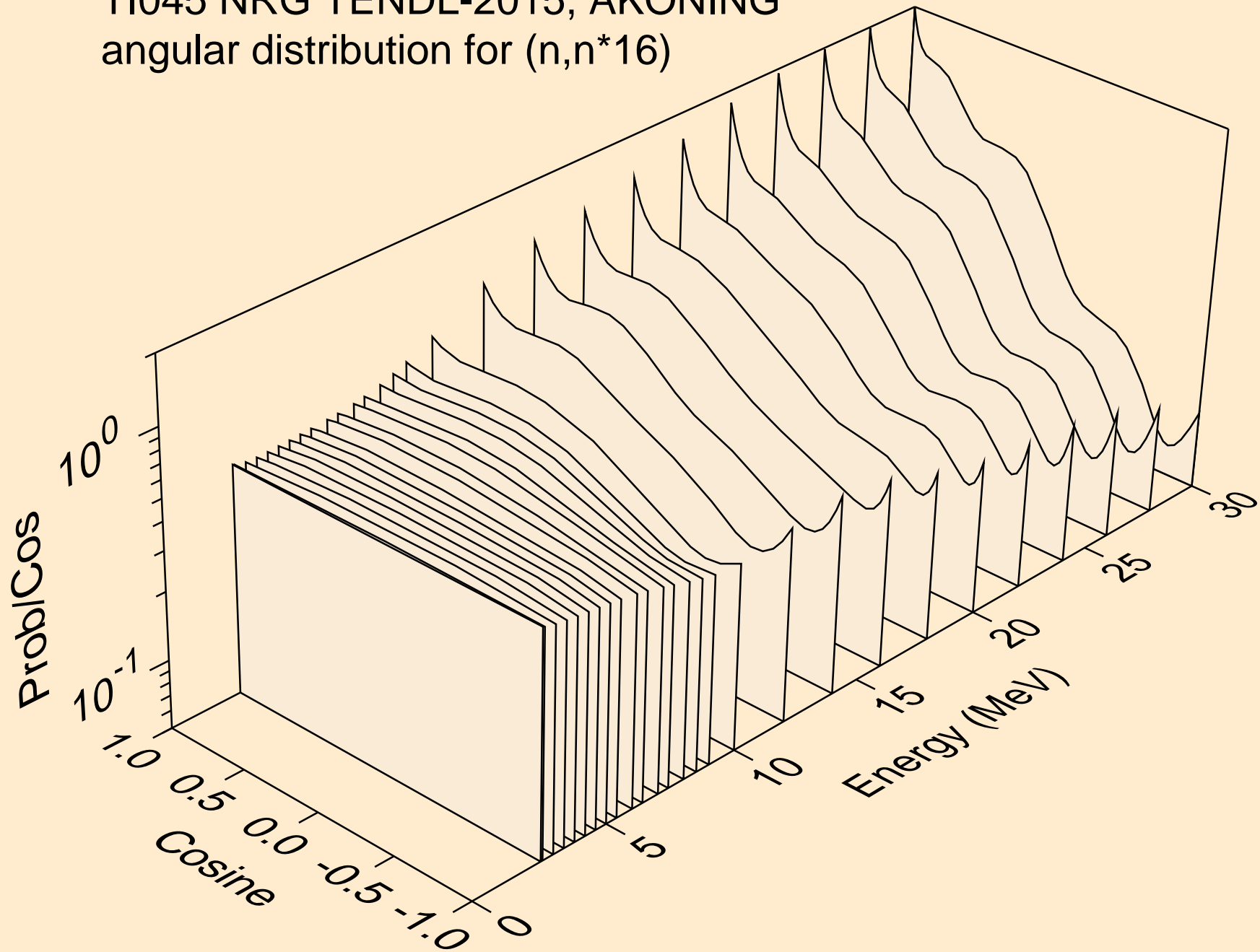
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



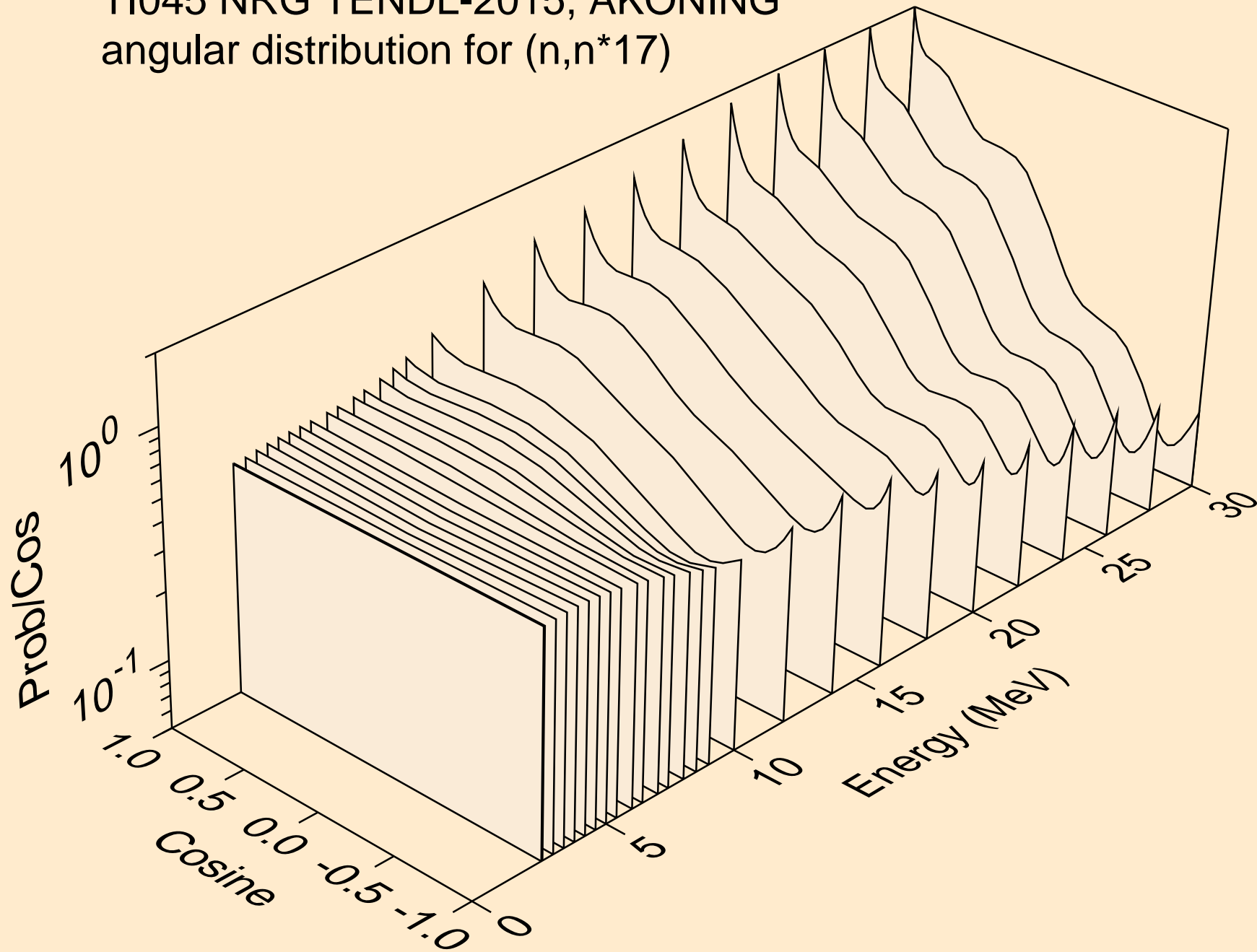
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

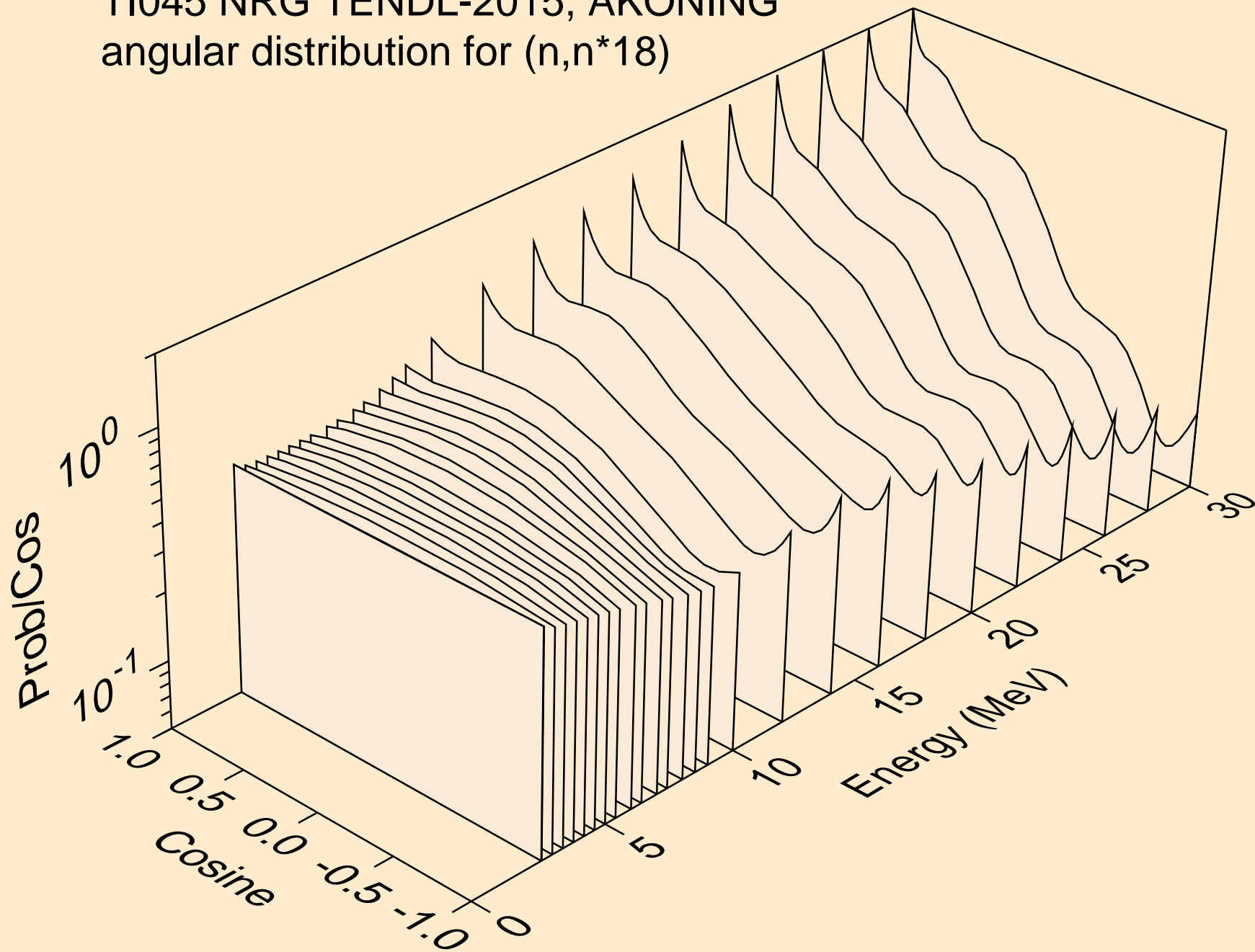


TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

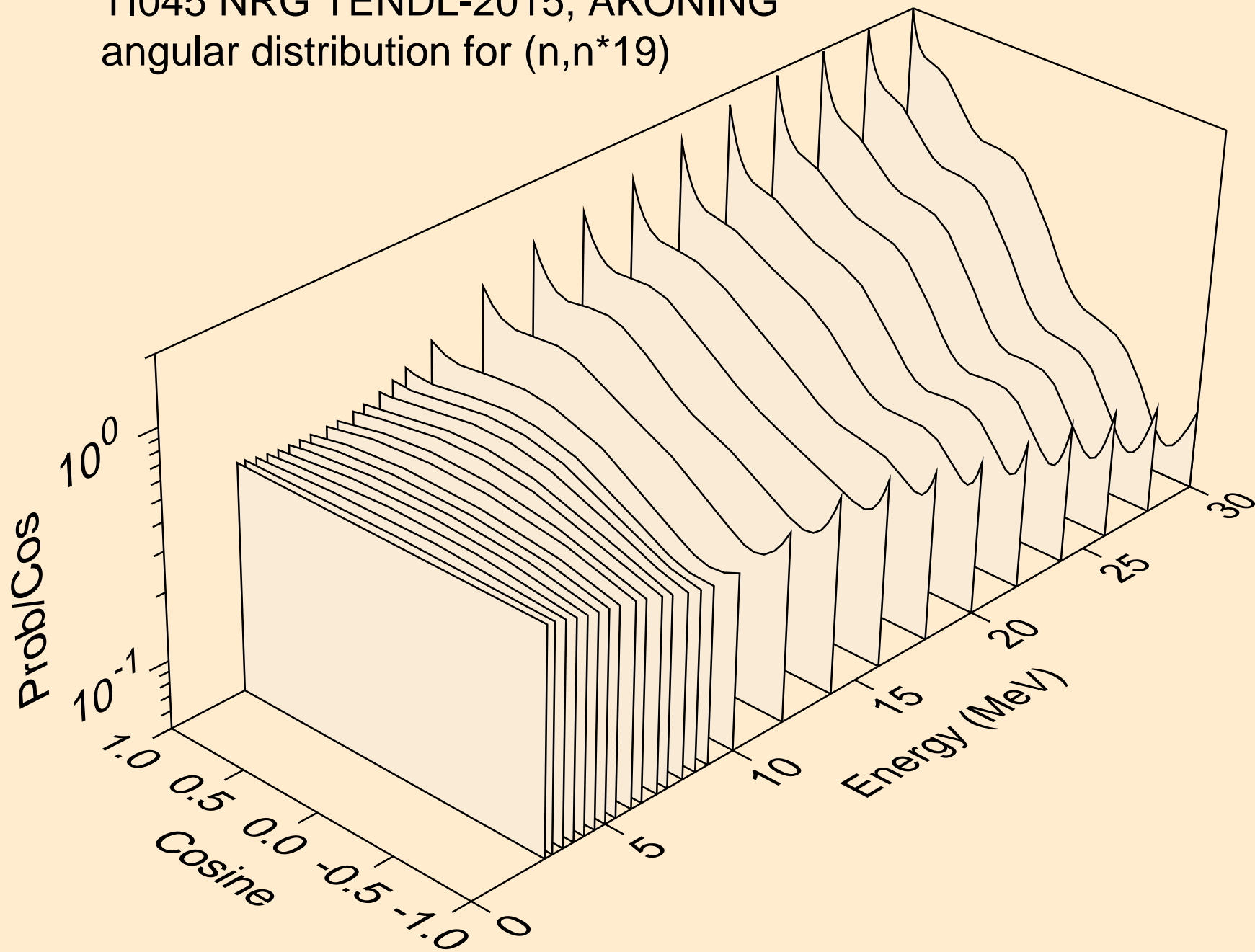




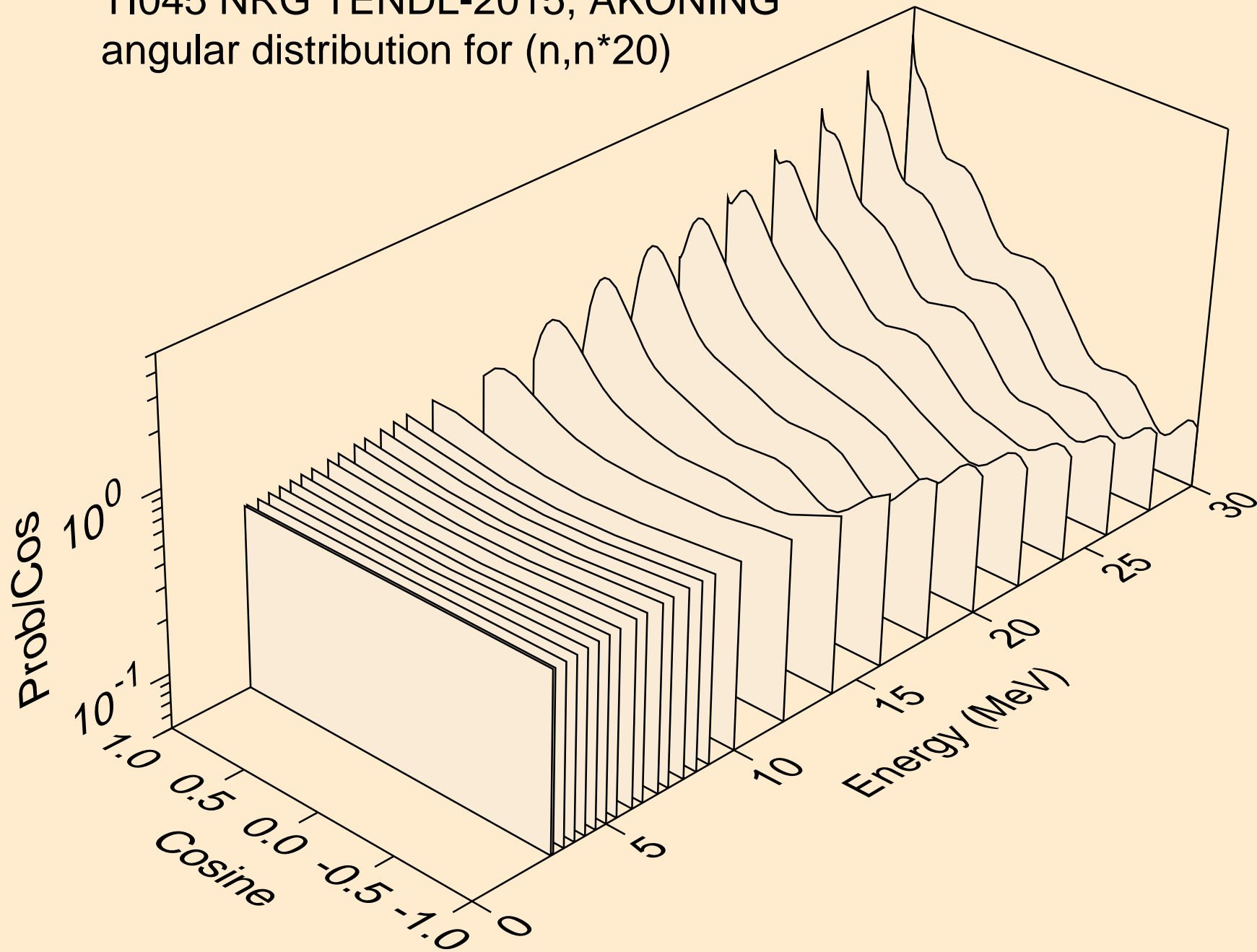
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



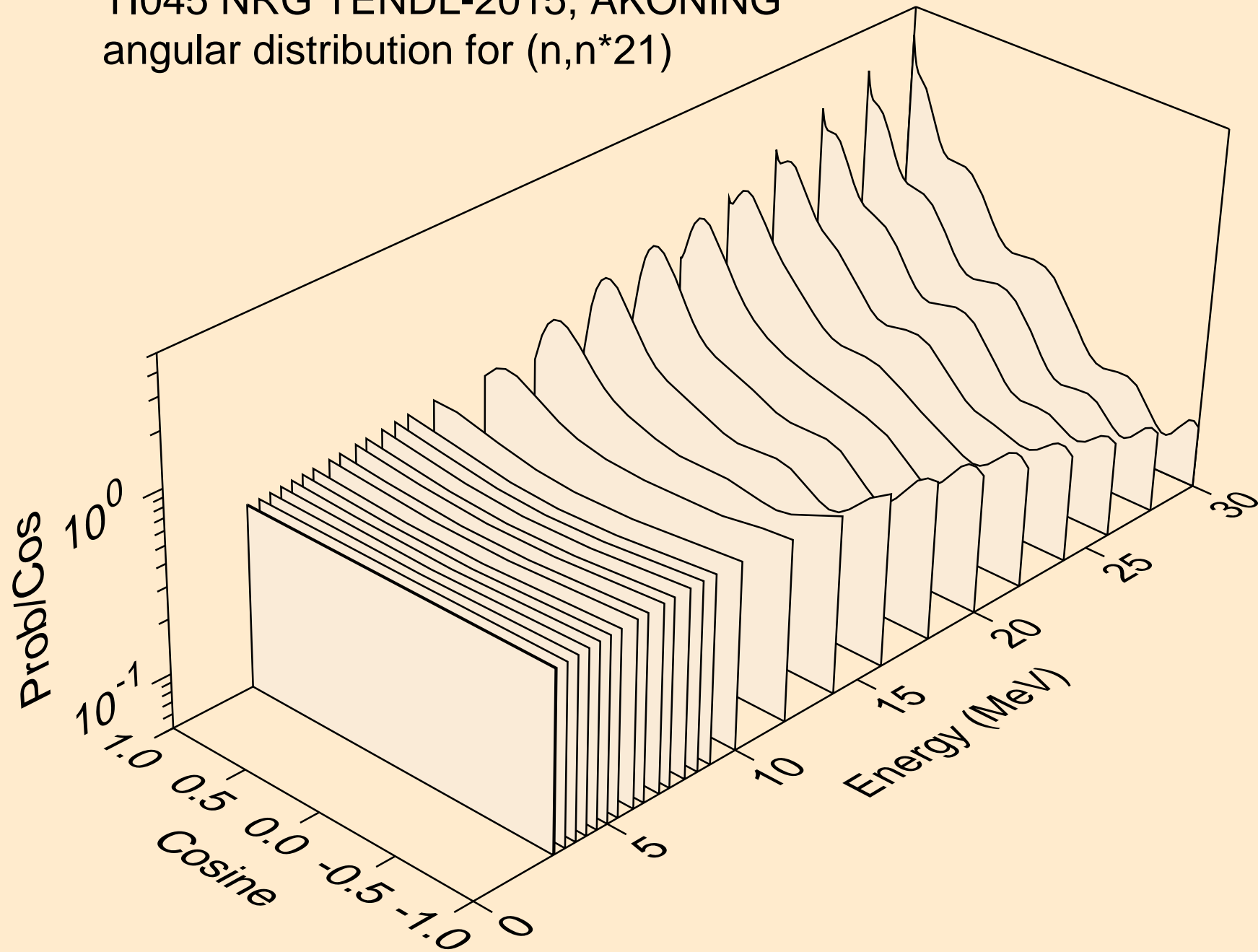
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



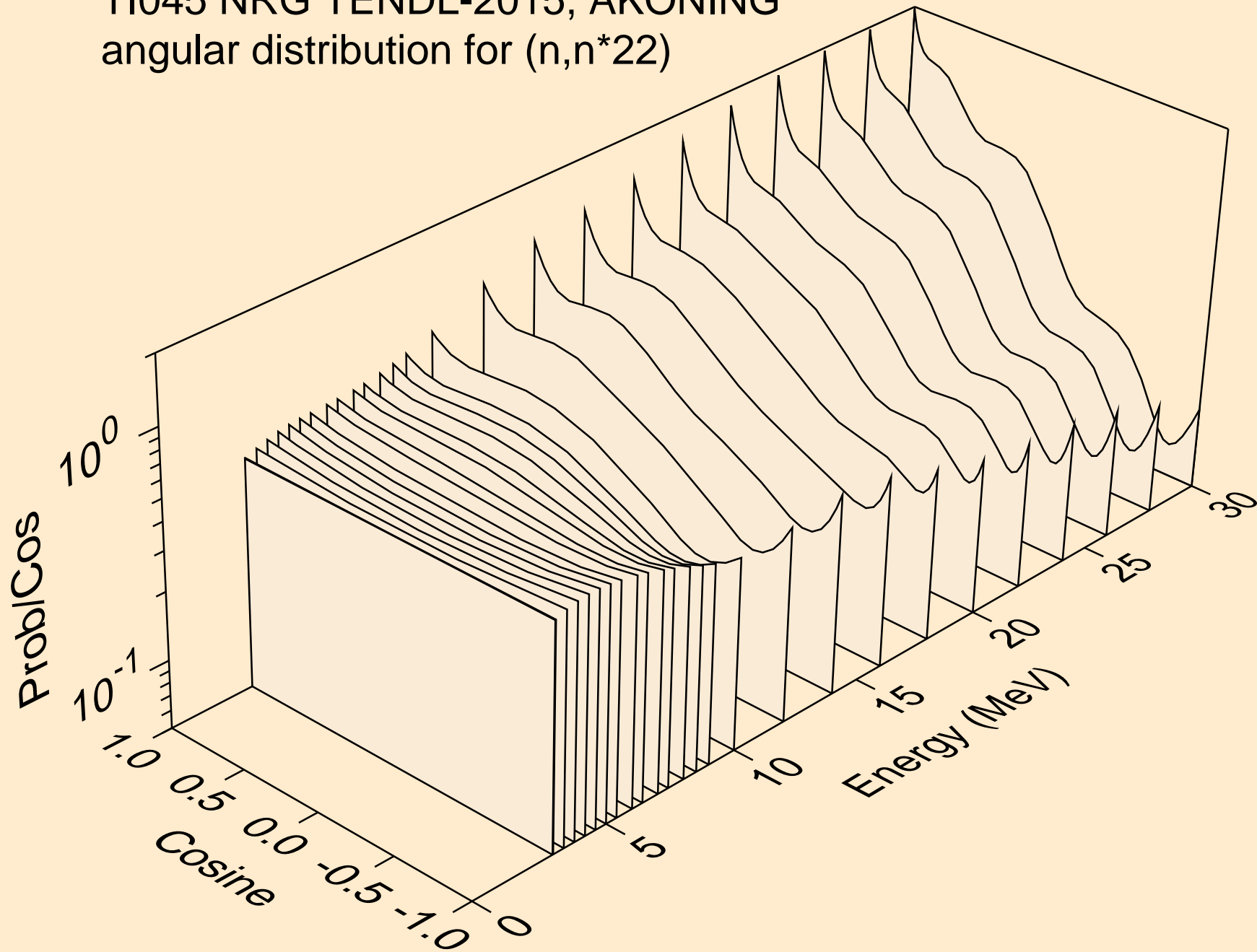
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



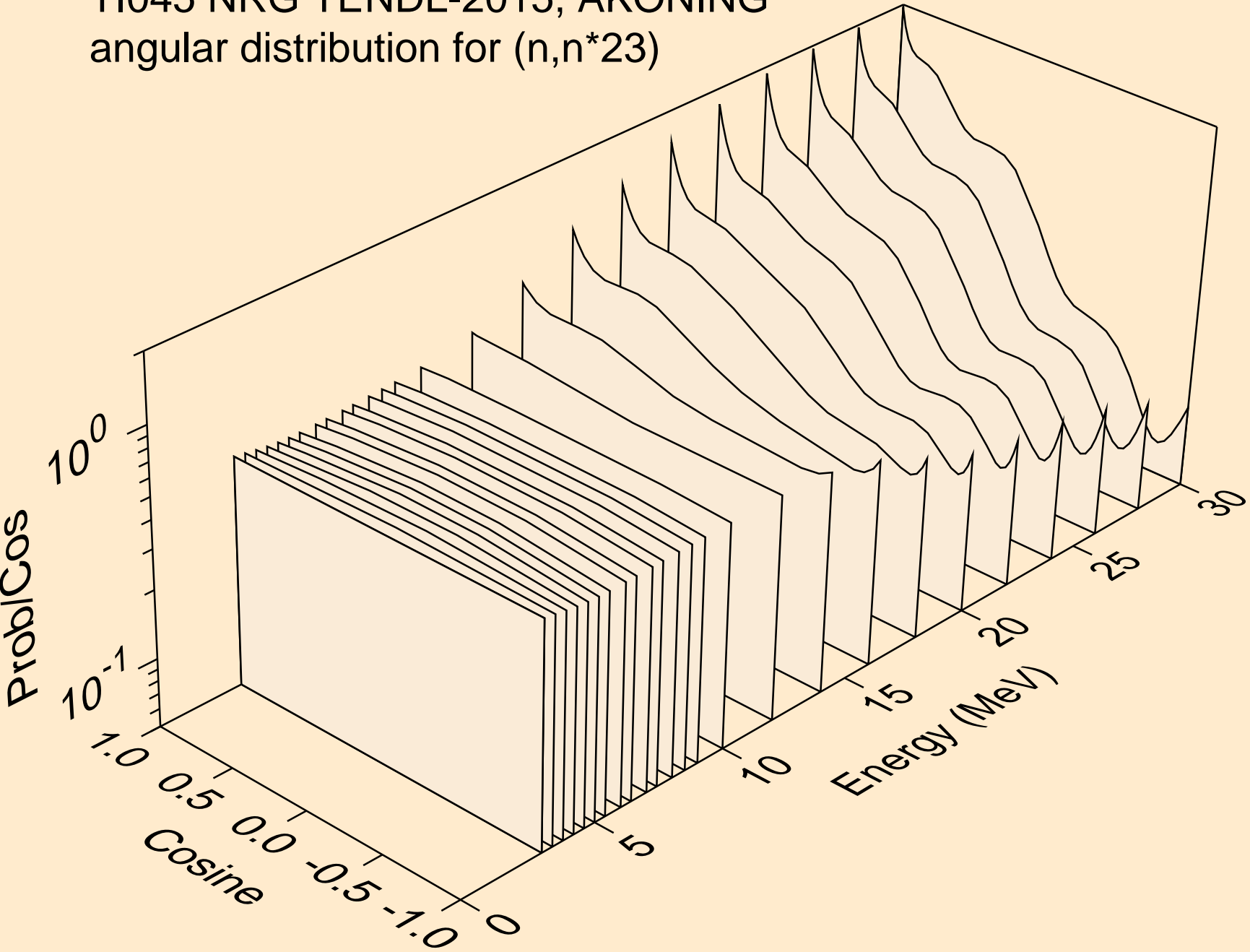
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



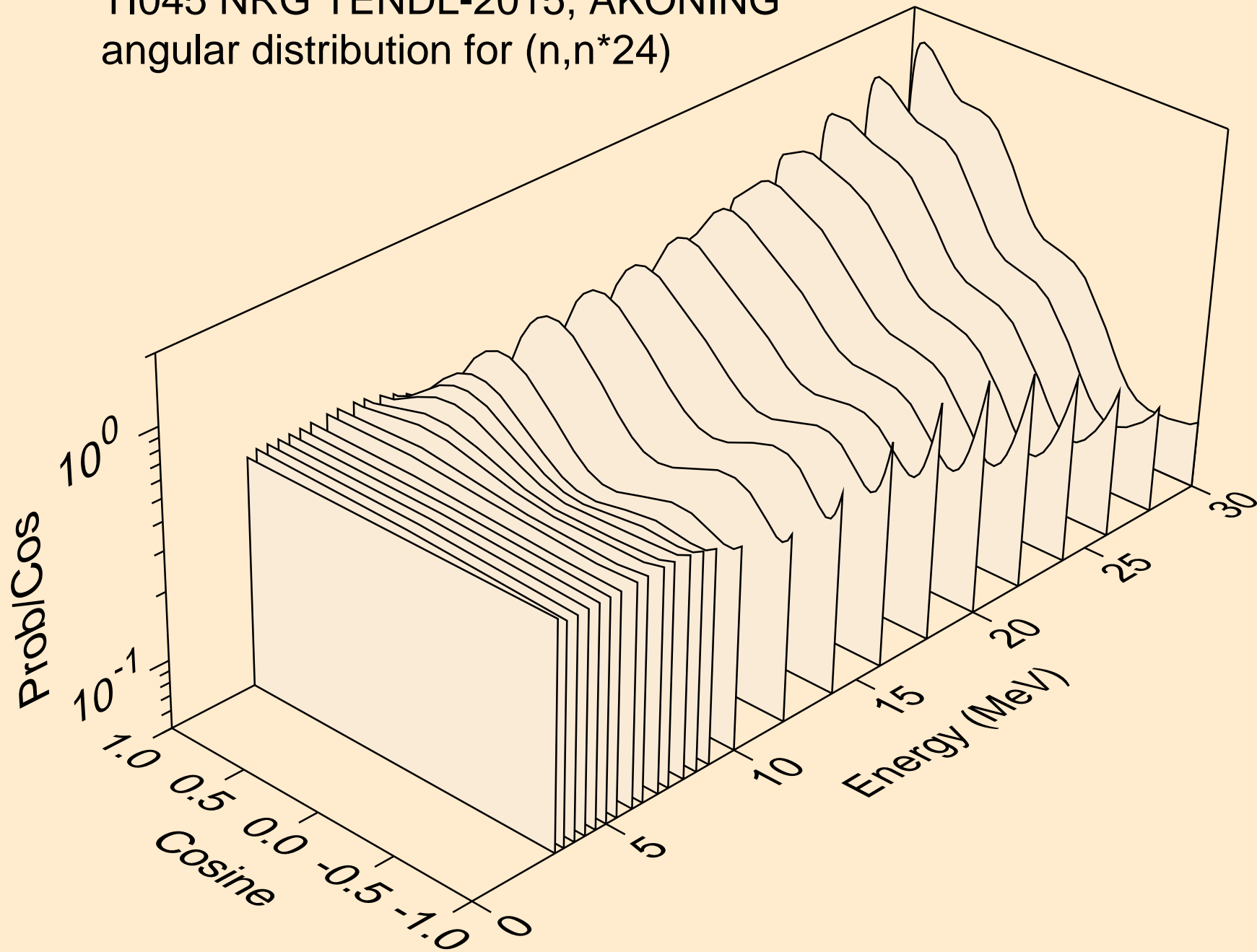
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



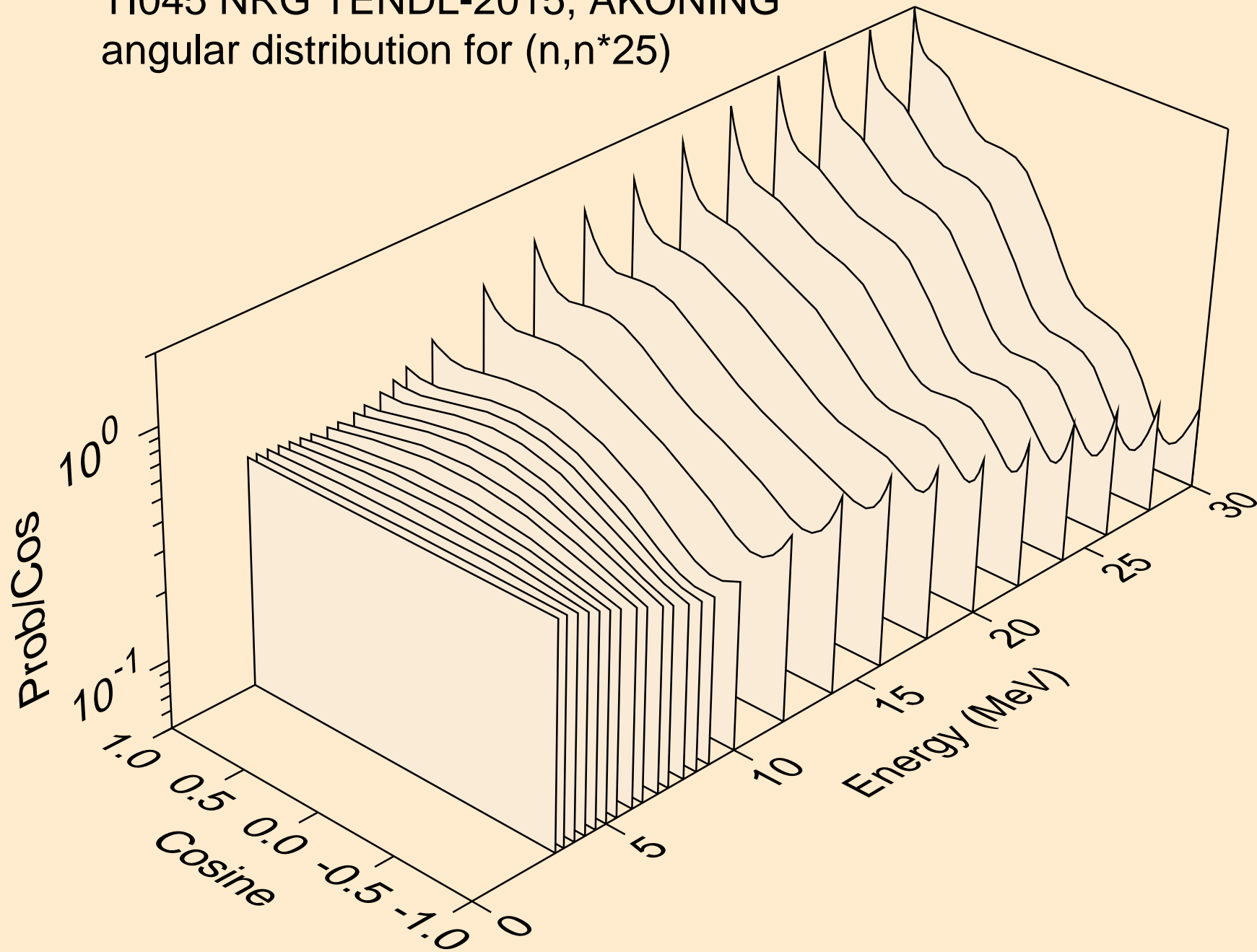
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

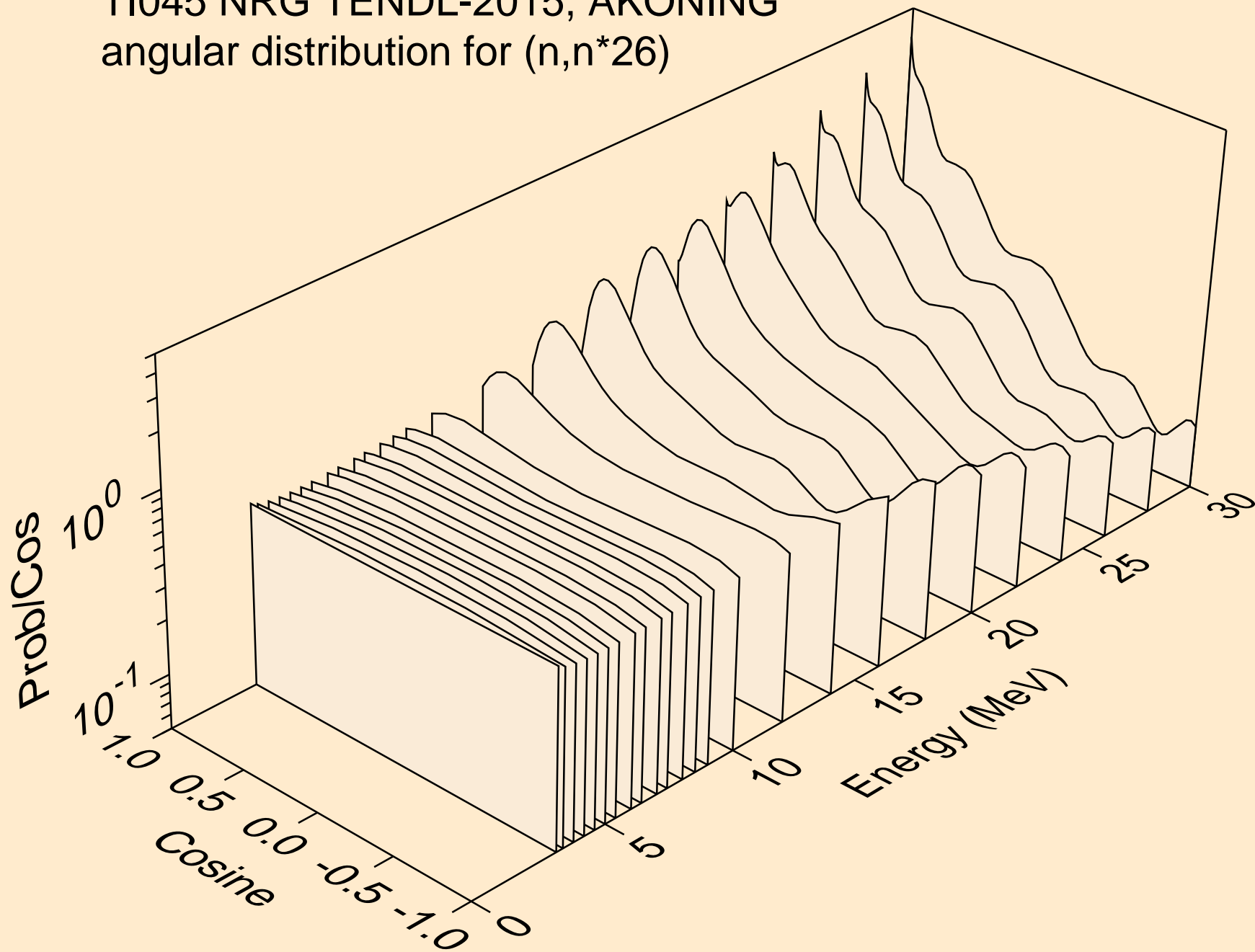


TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

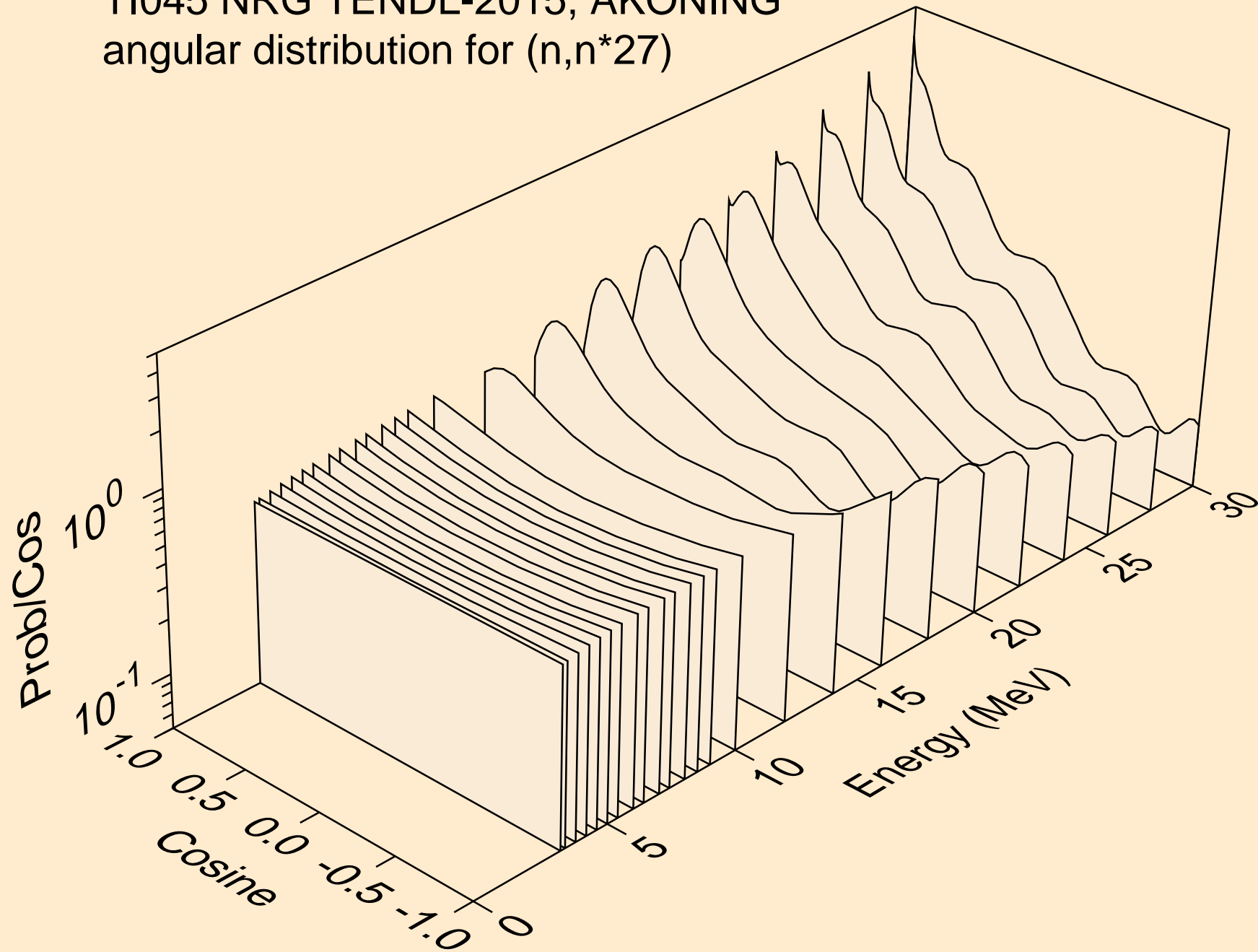




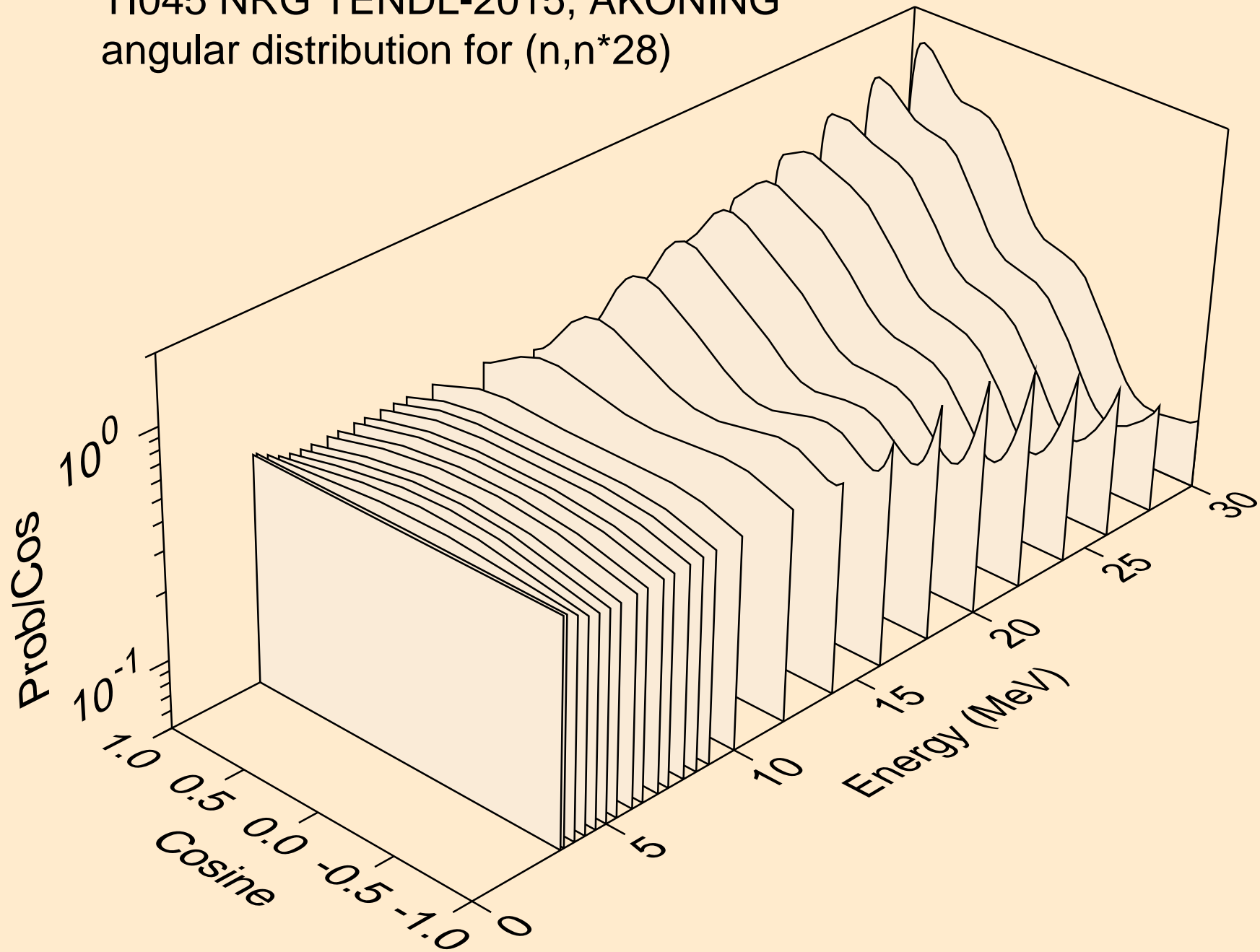
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



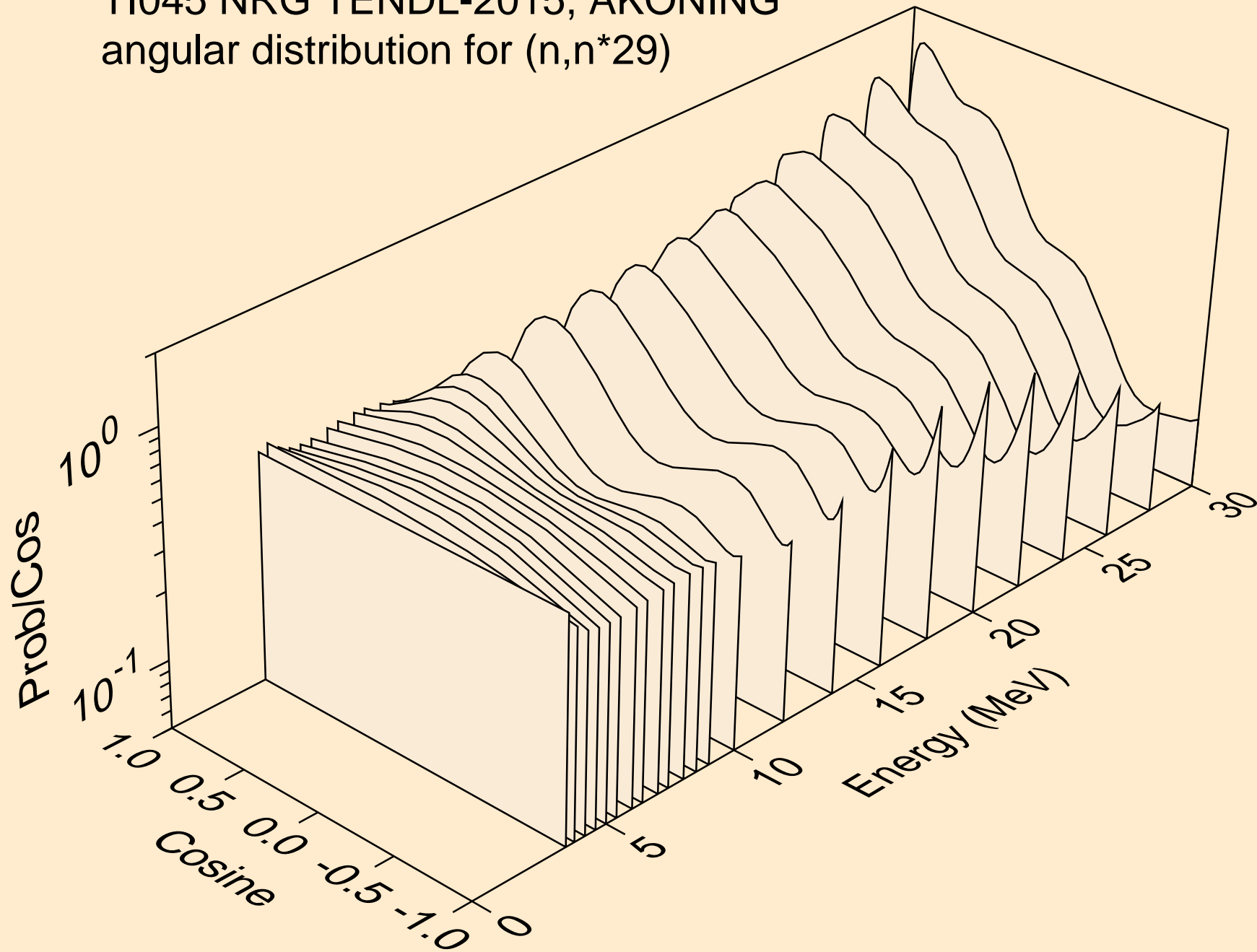
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



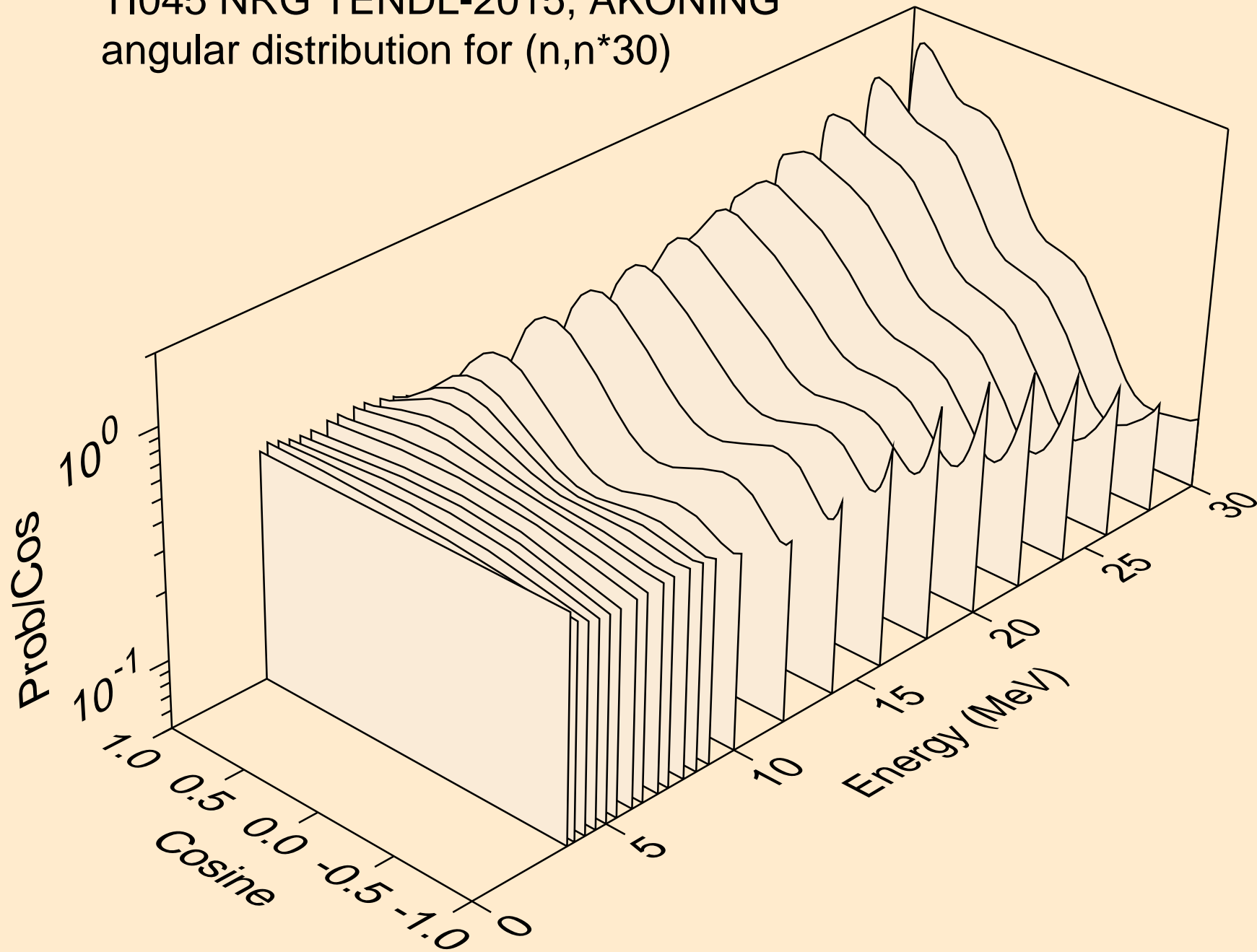
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



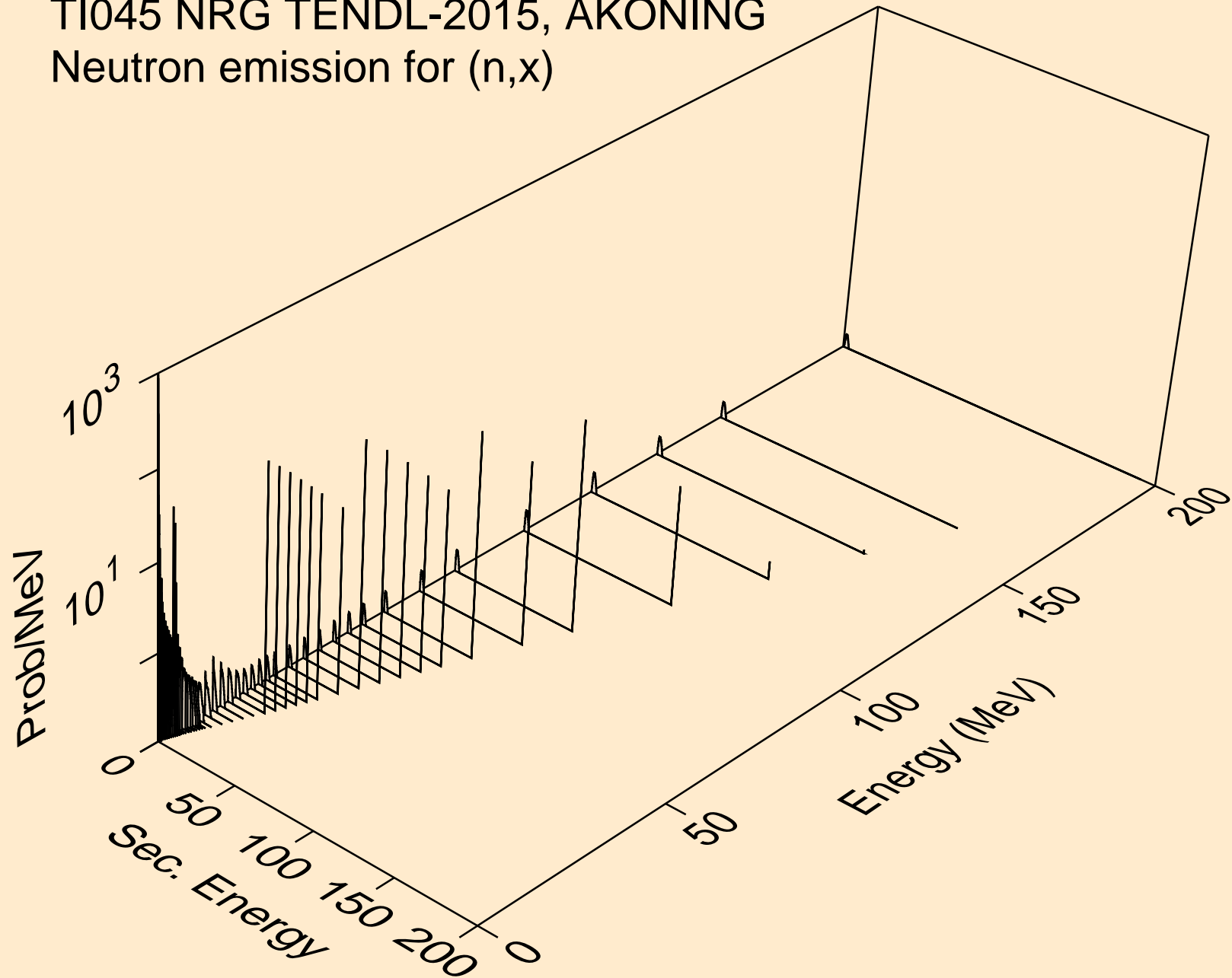
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



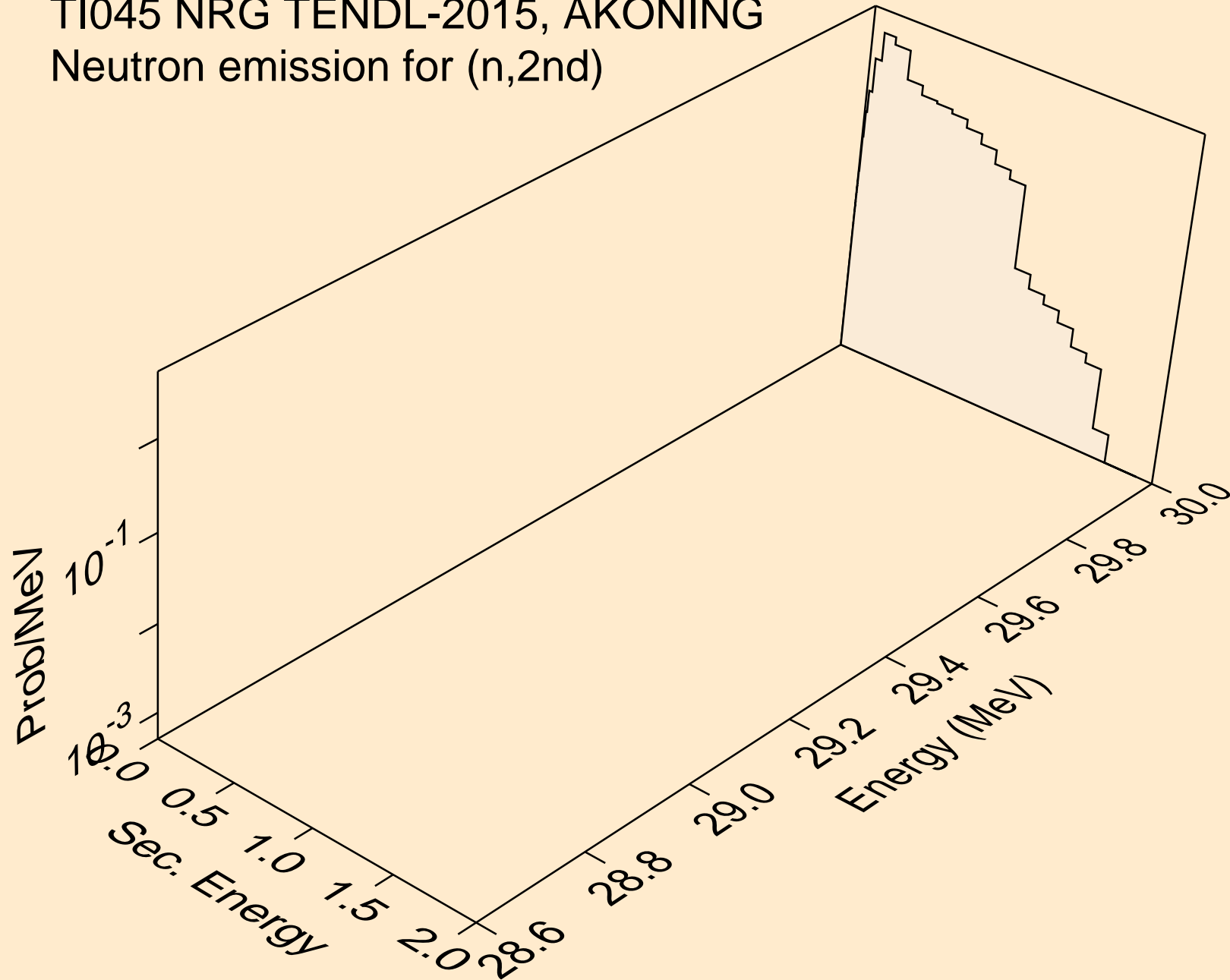
TI045 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



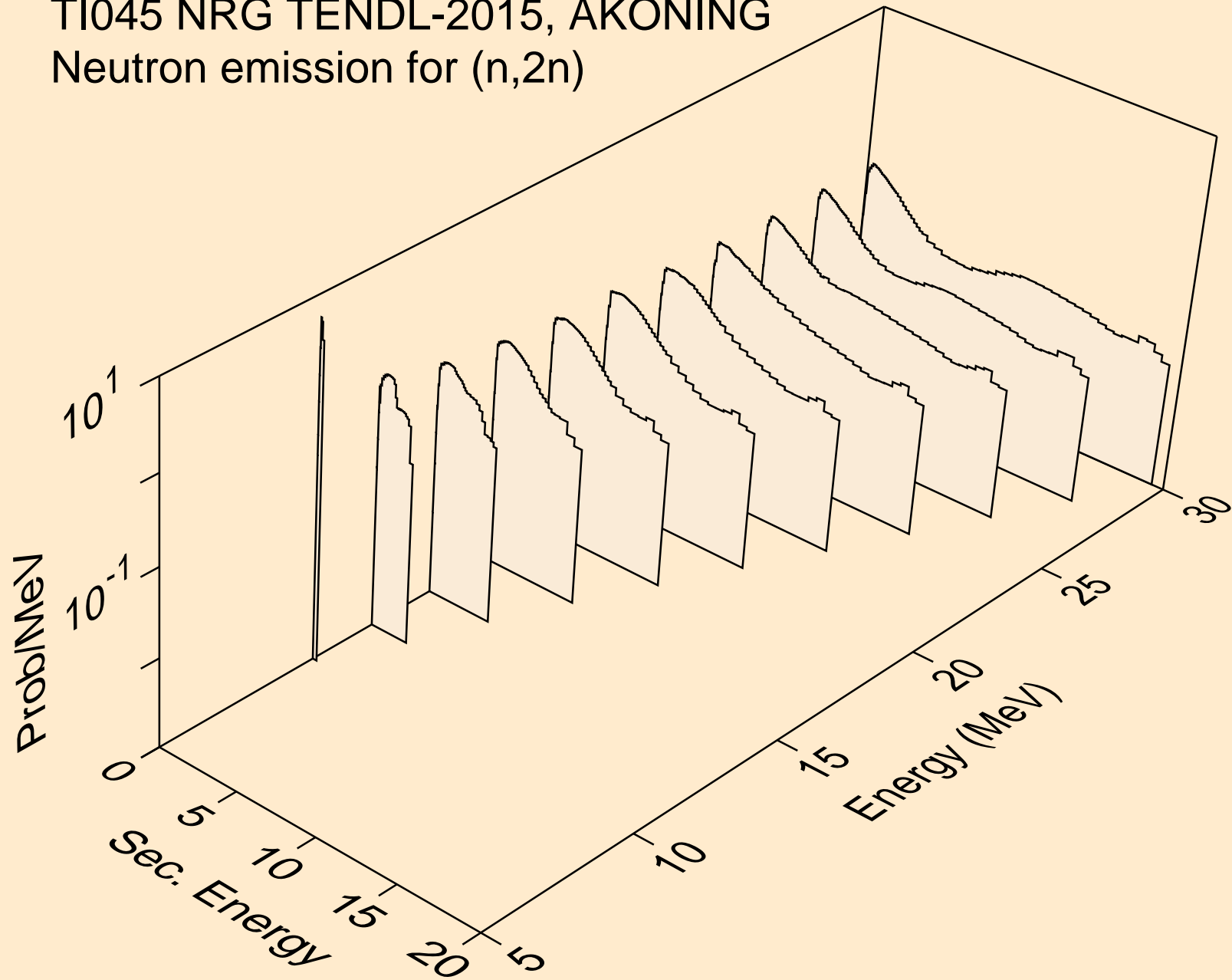
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

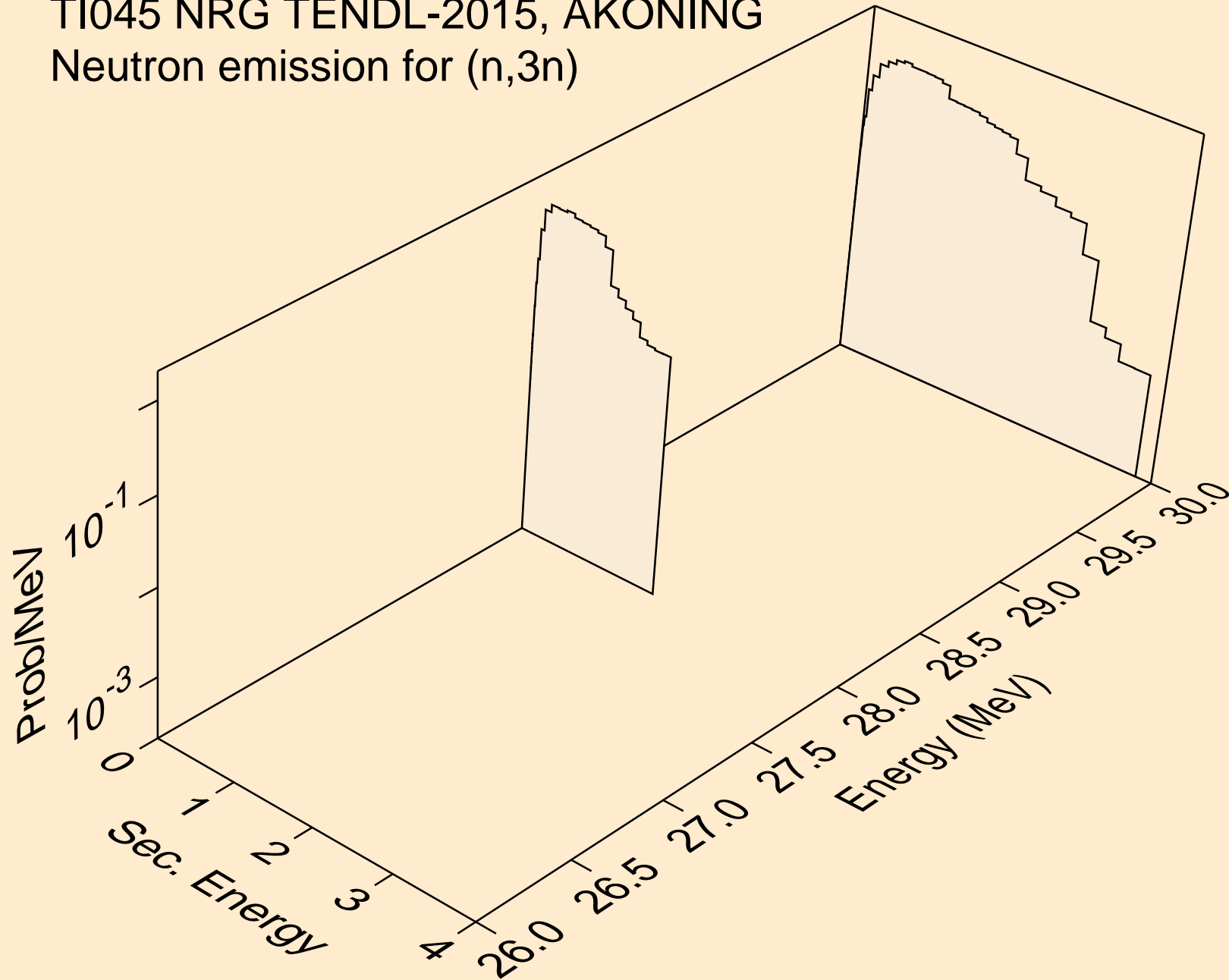


TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

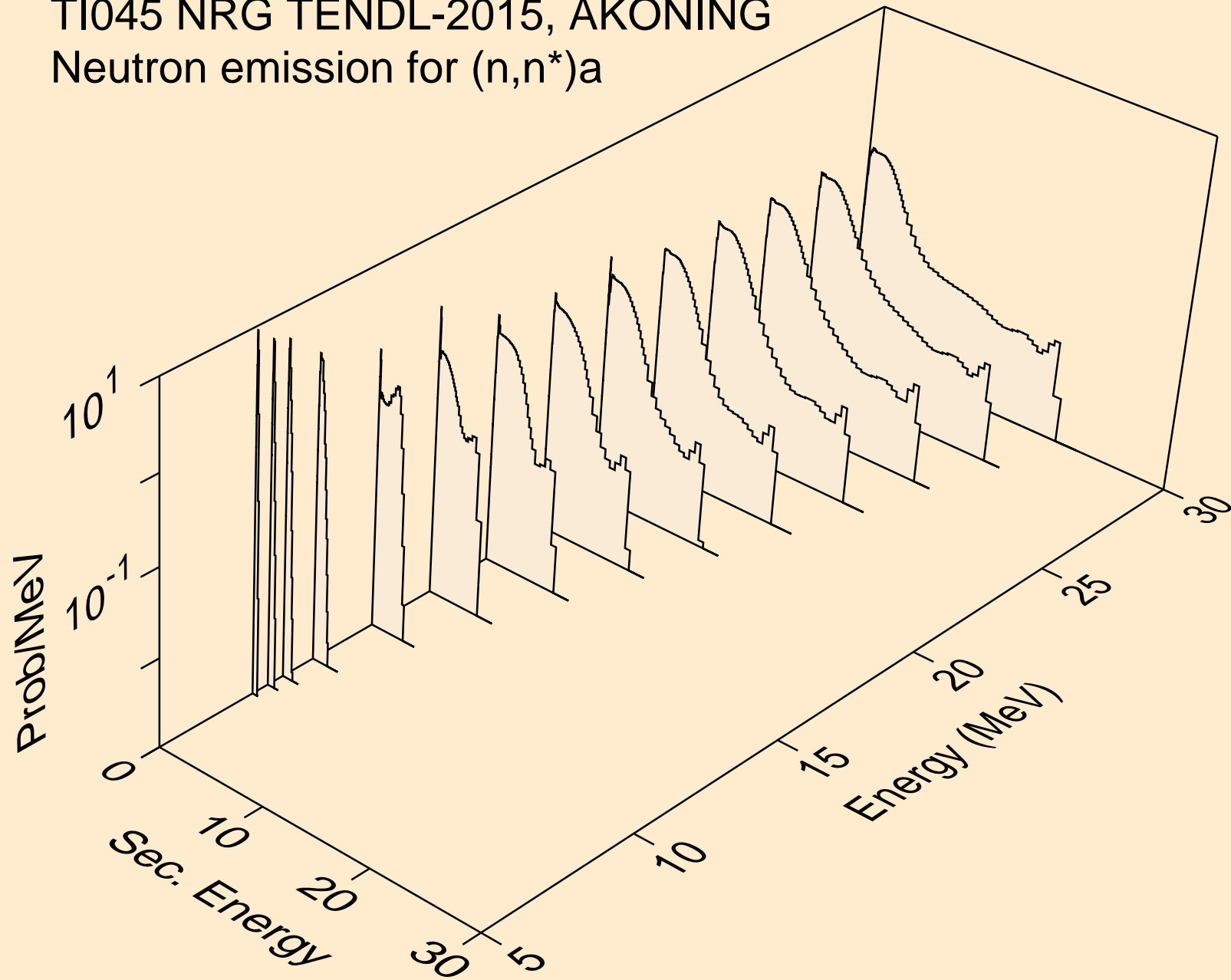




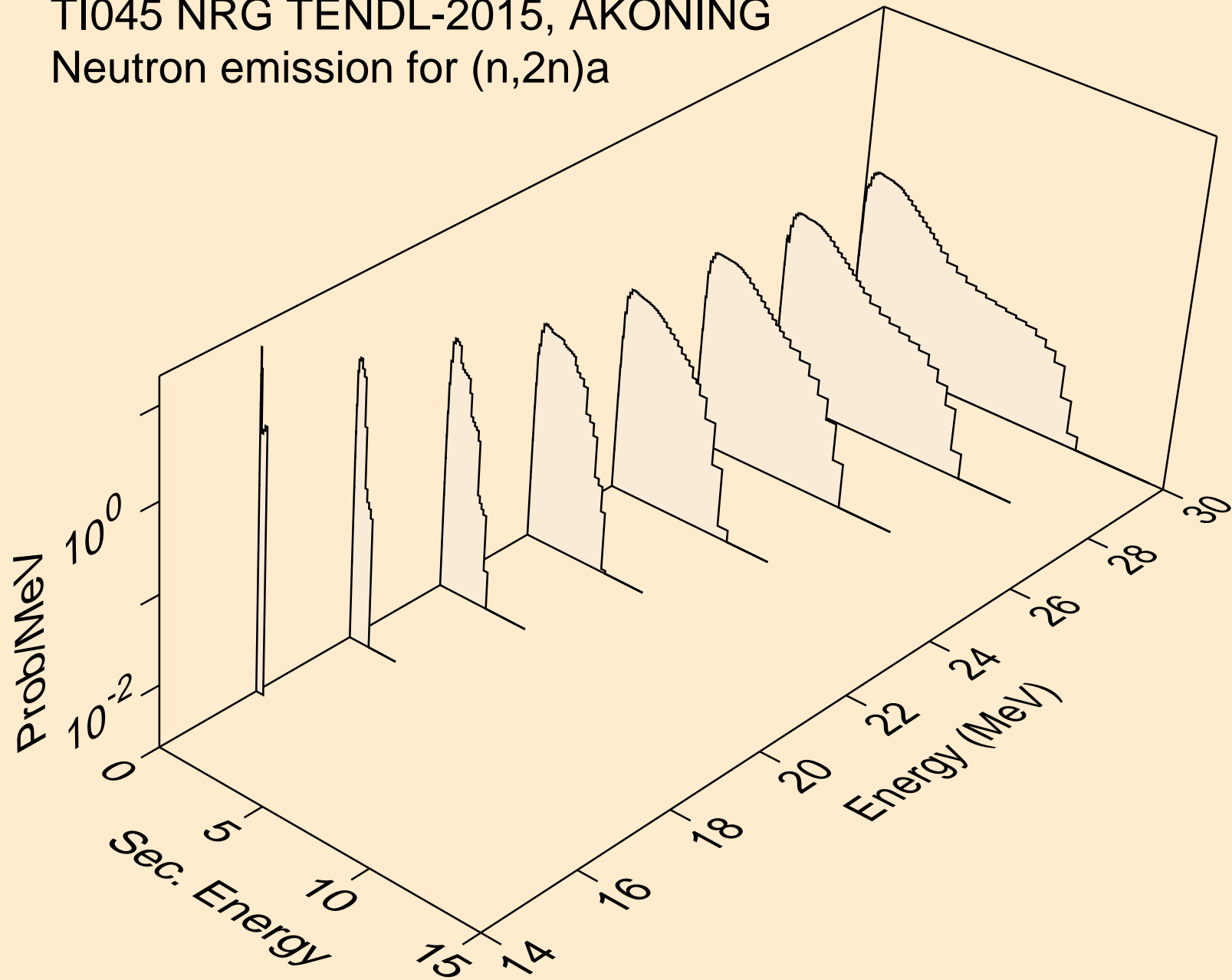
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



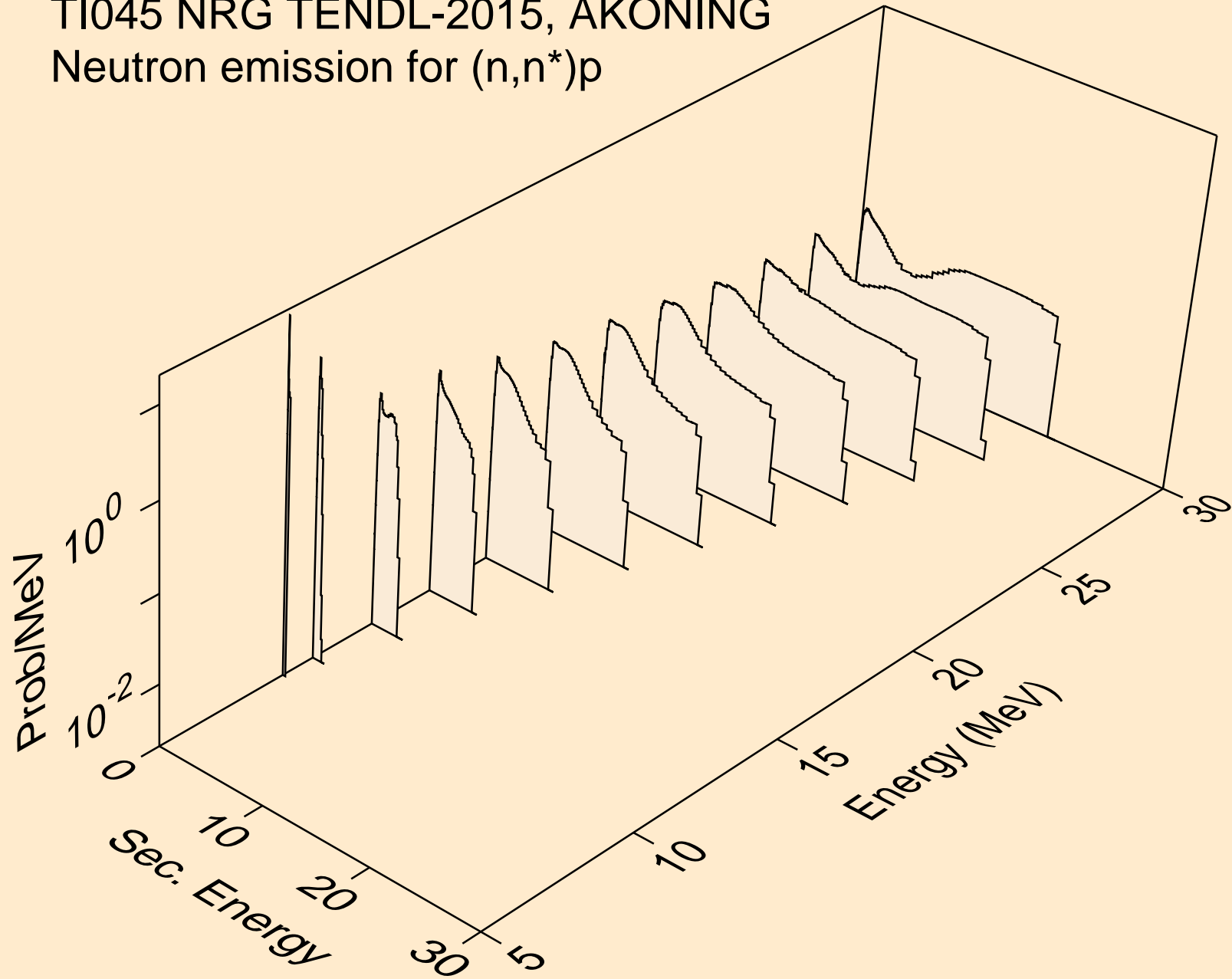
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



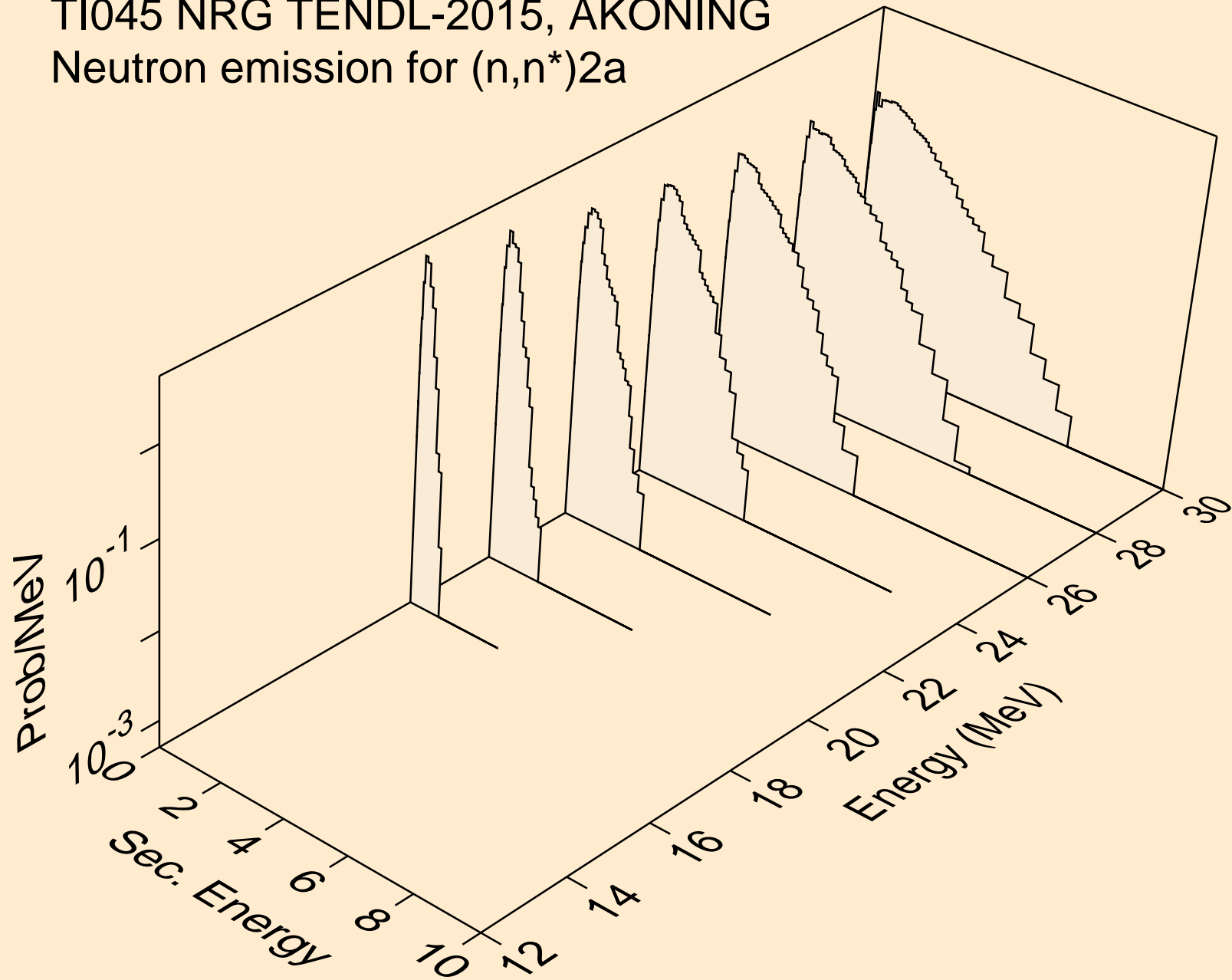
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



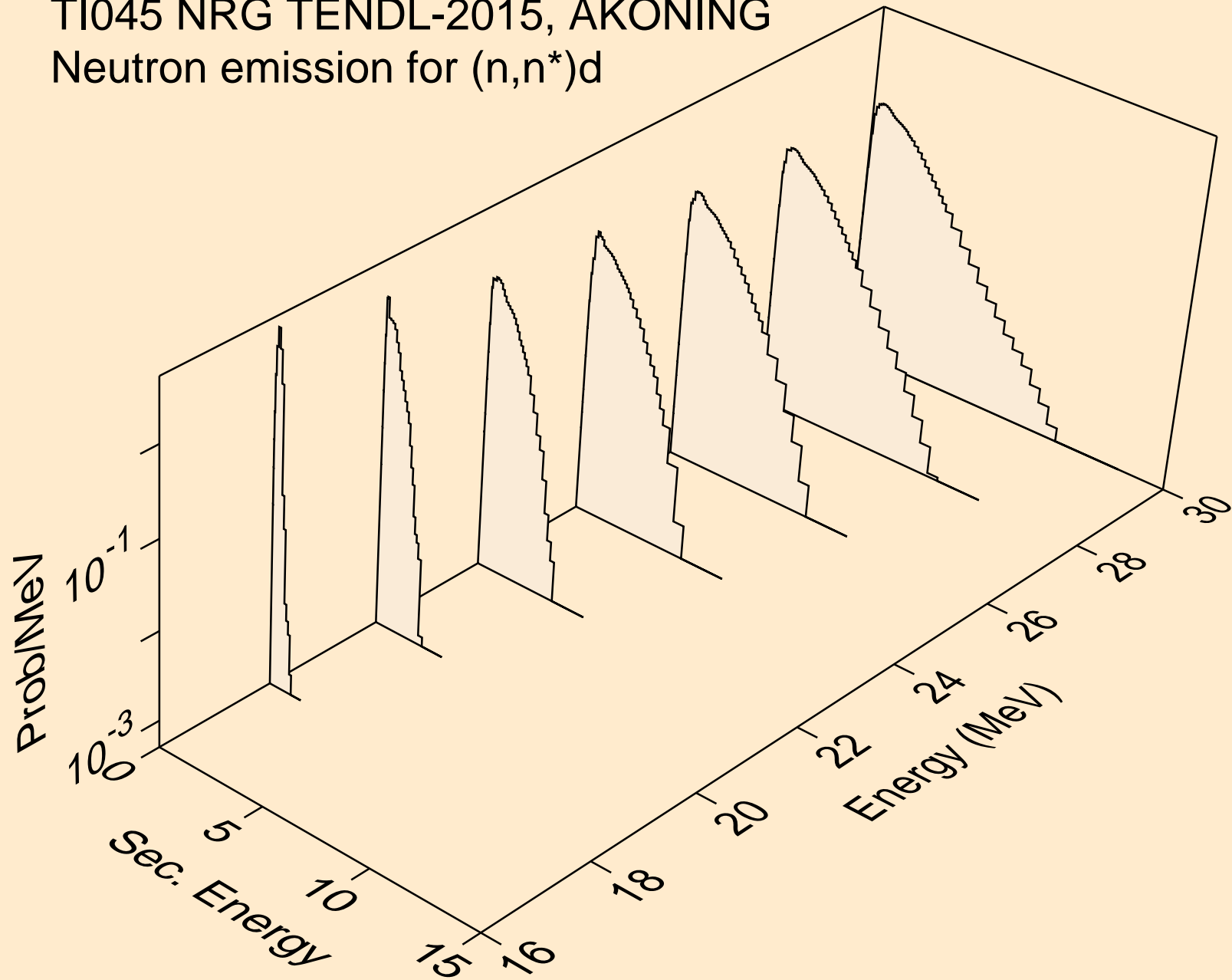
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



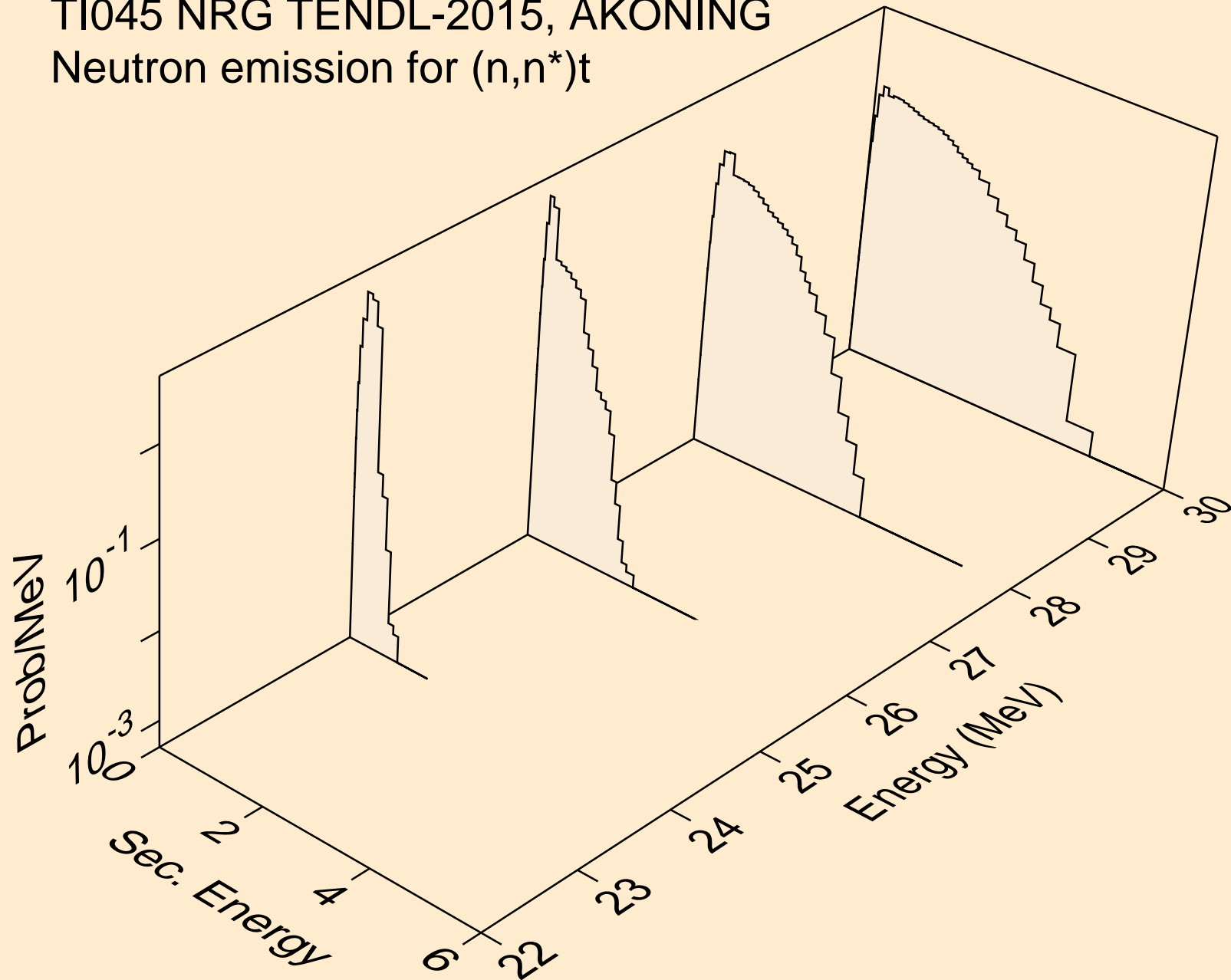
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



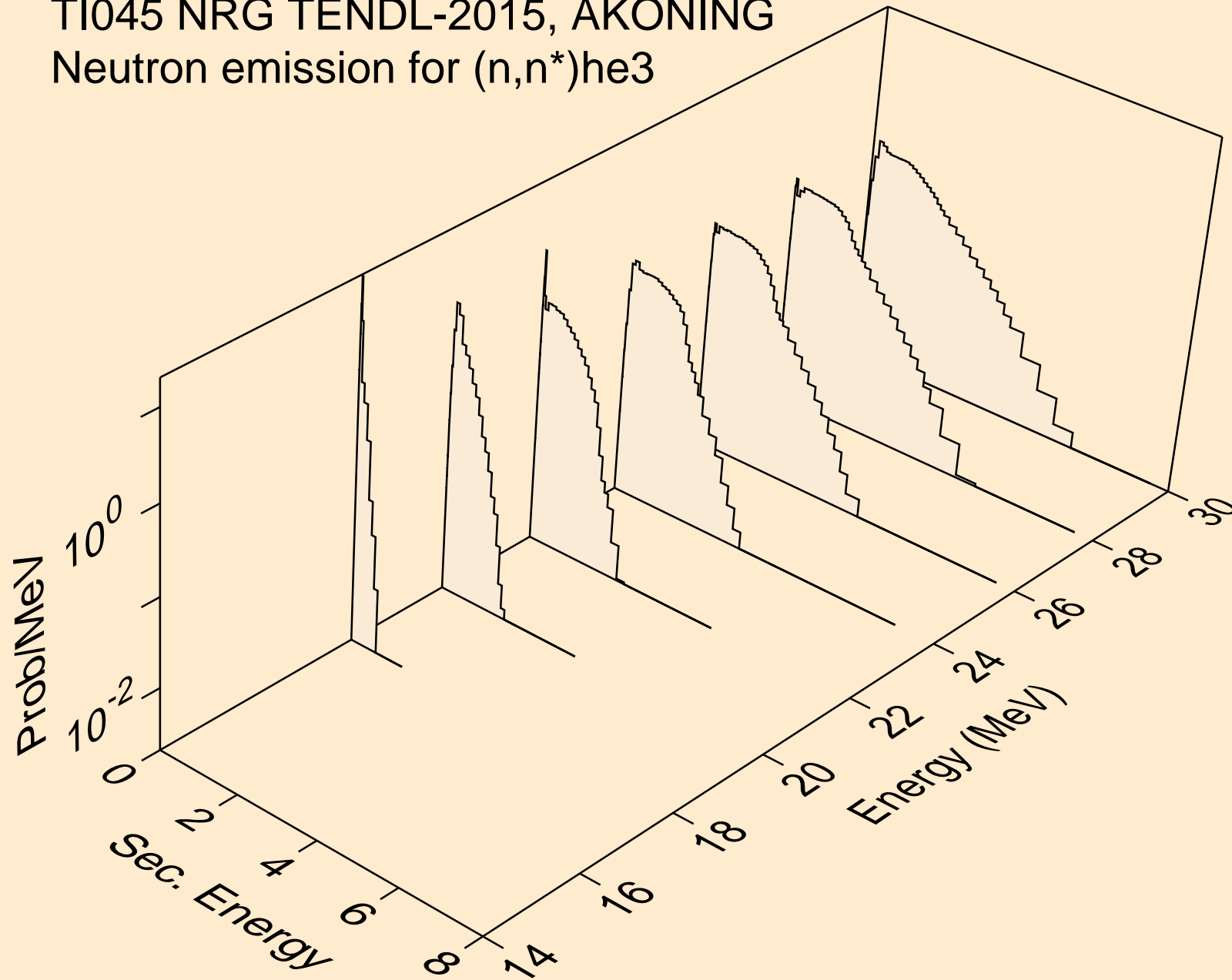
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

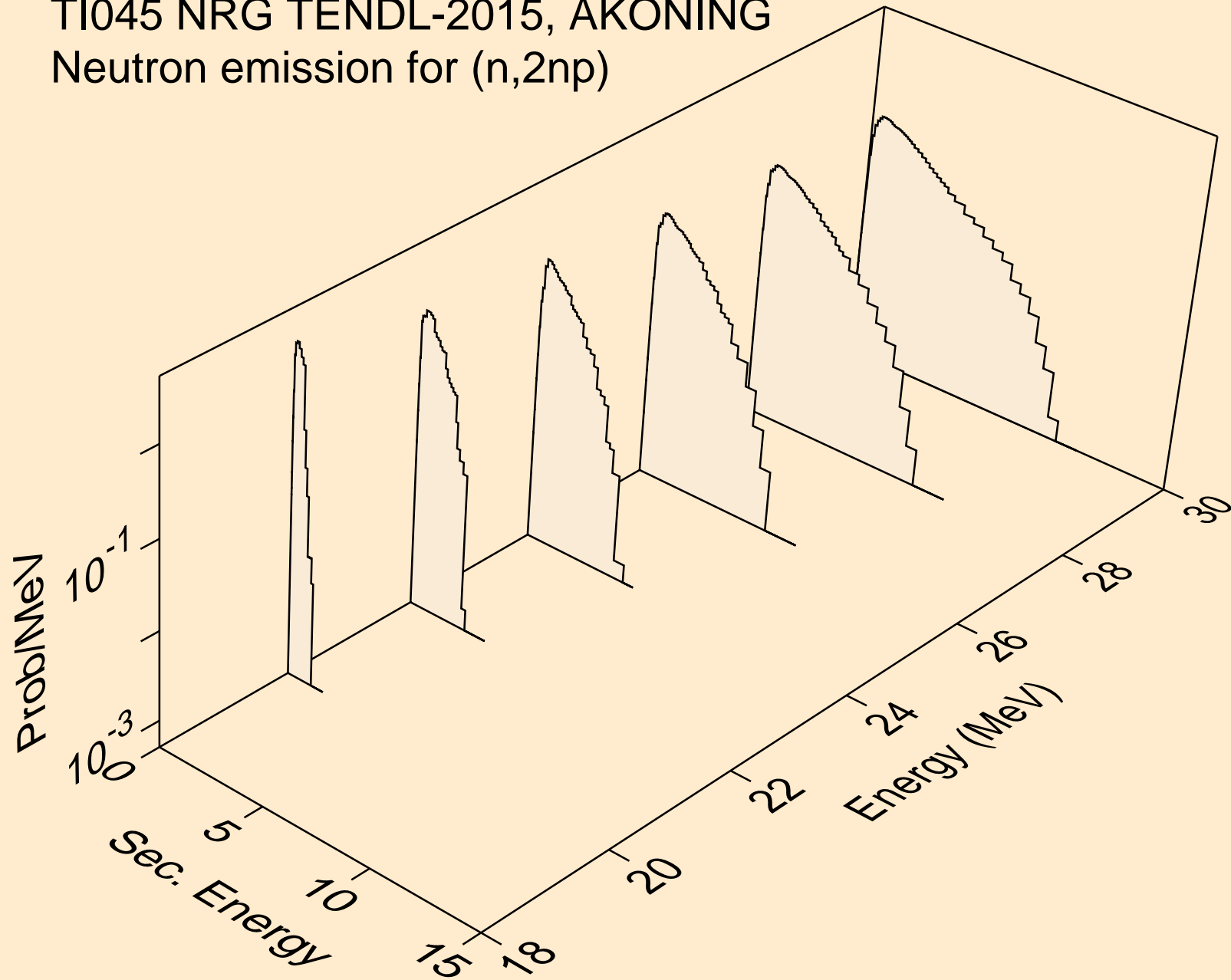


TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

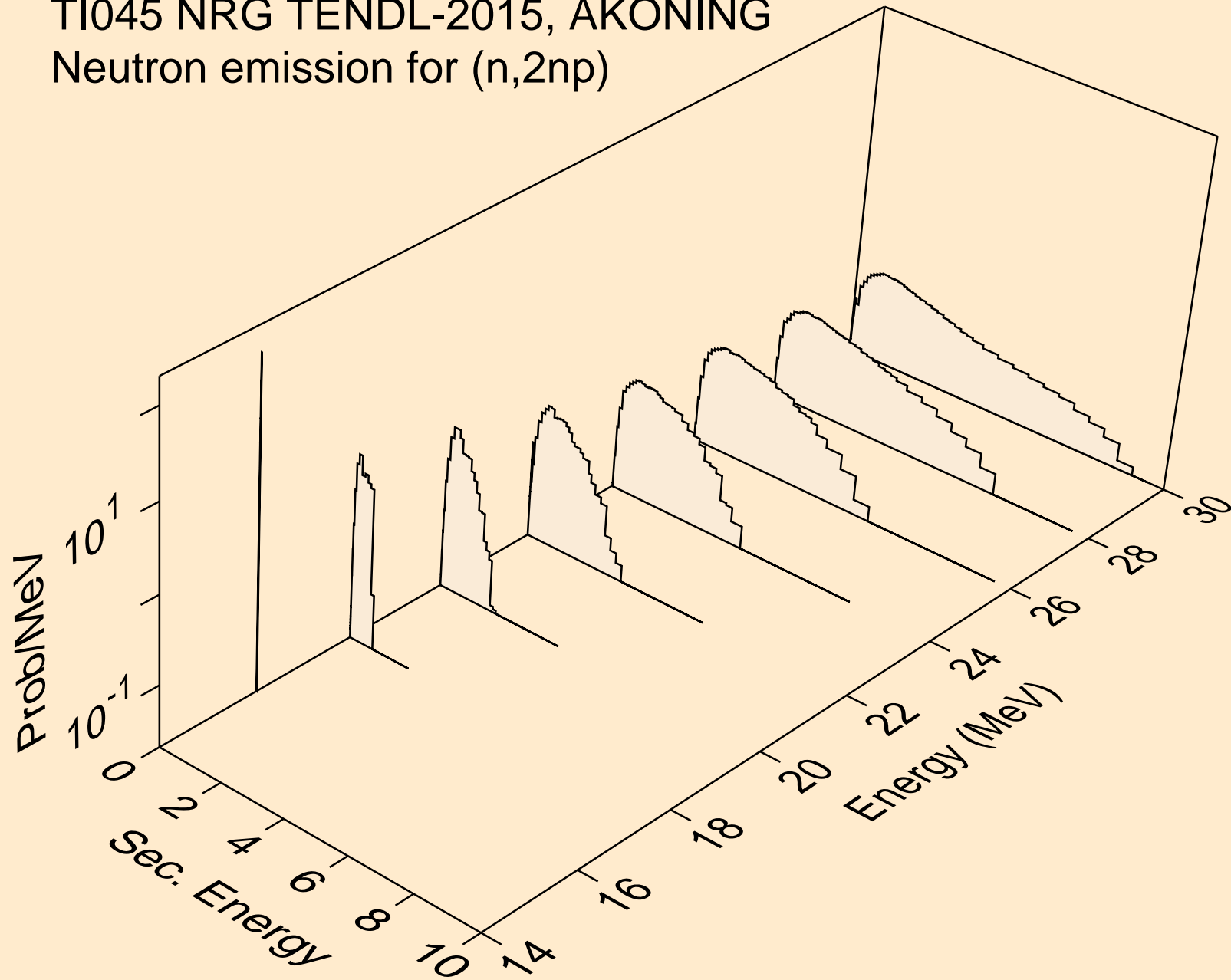




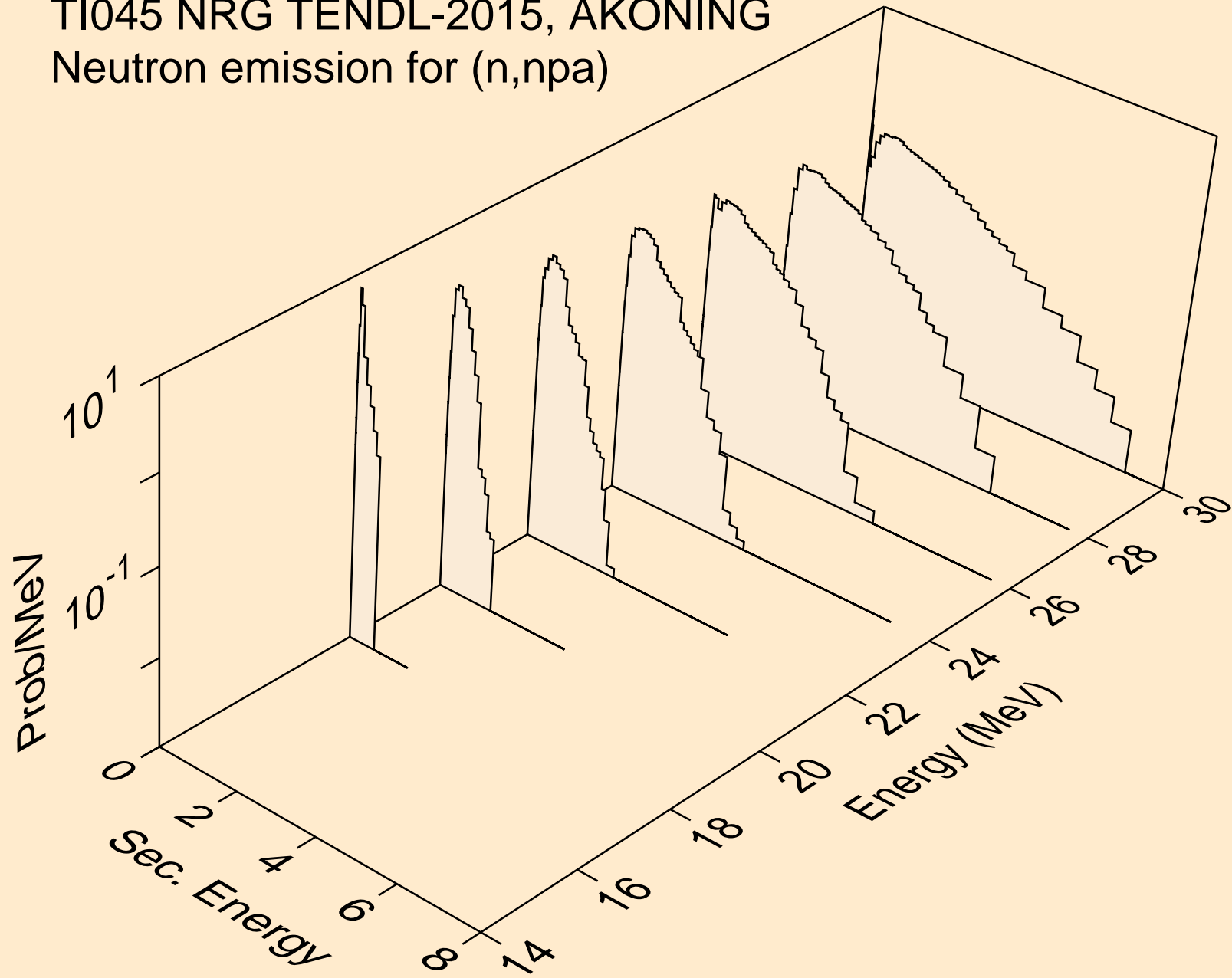
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



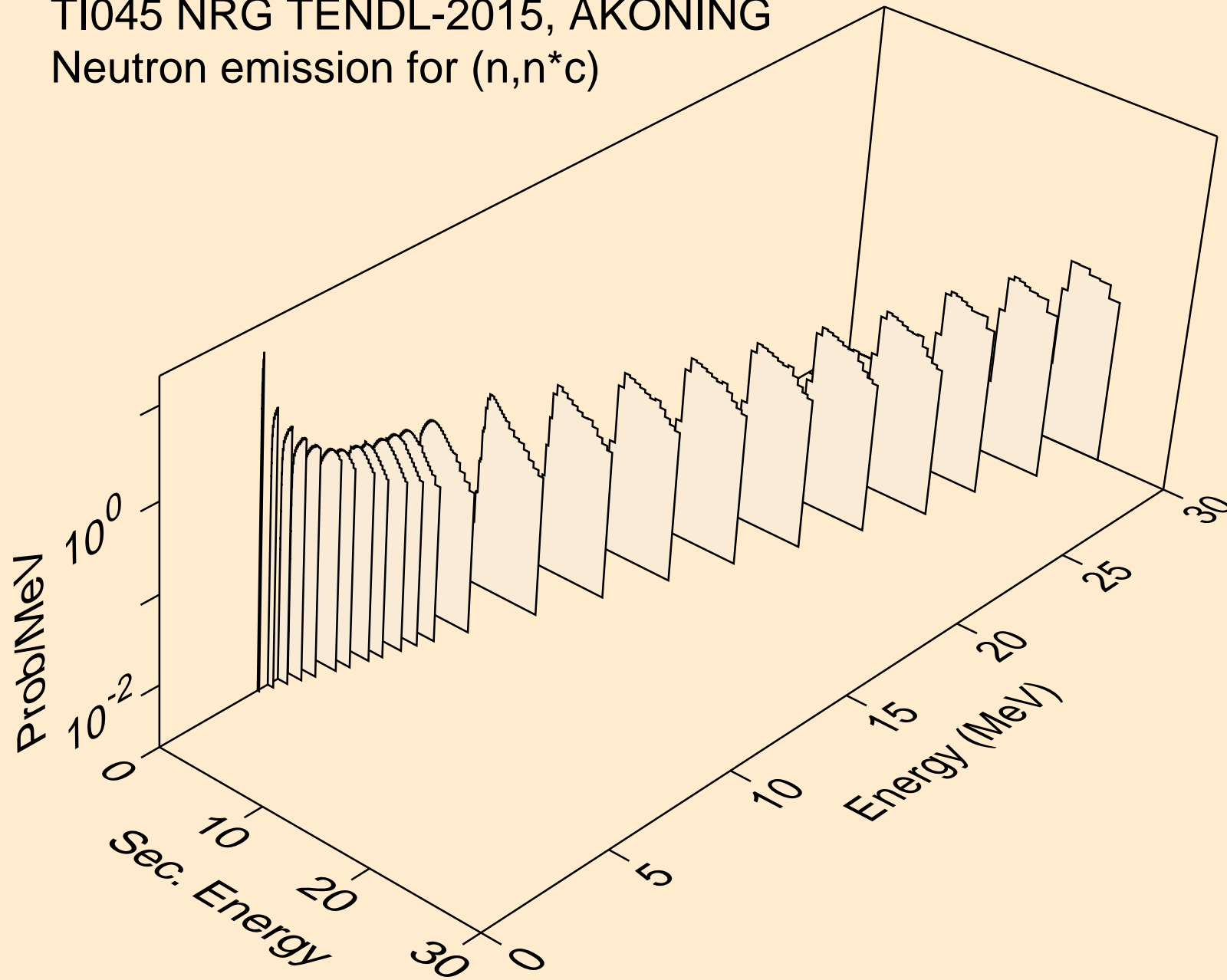
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



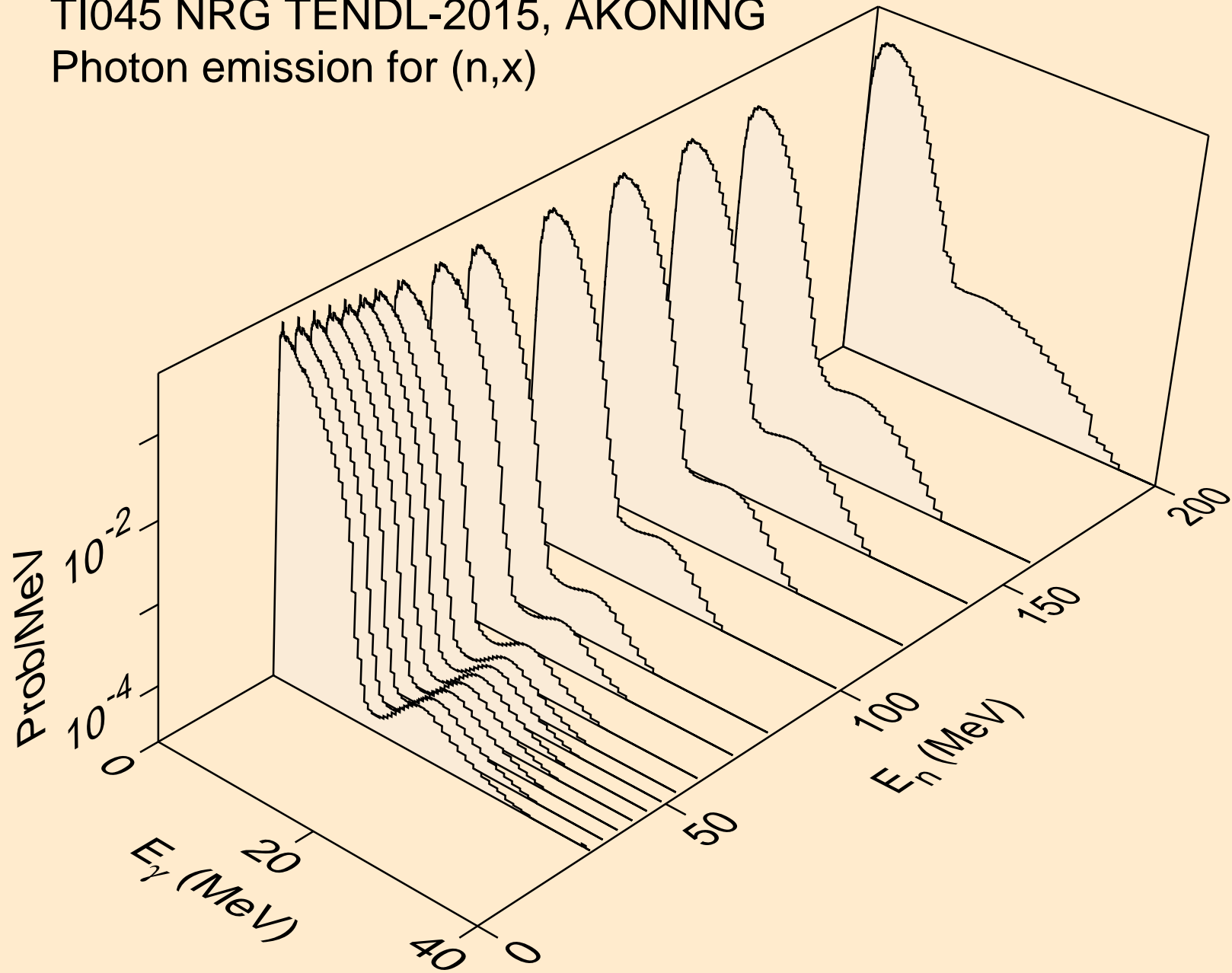
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



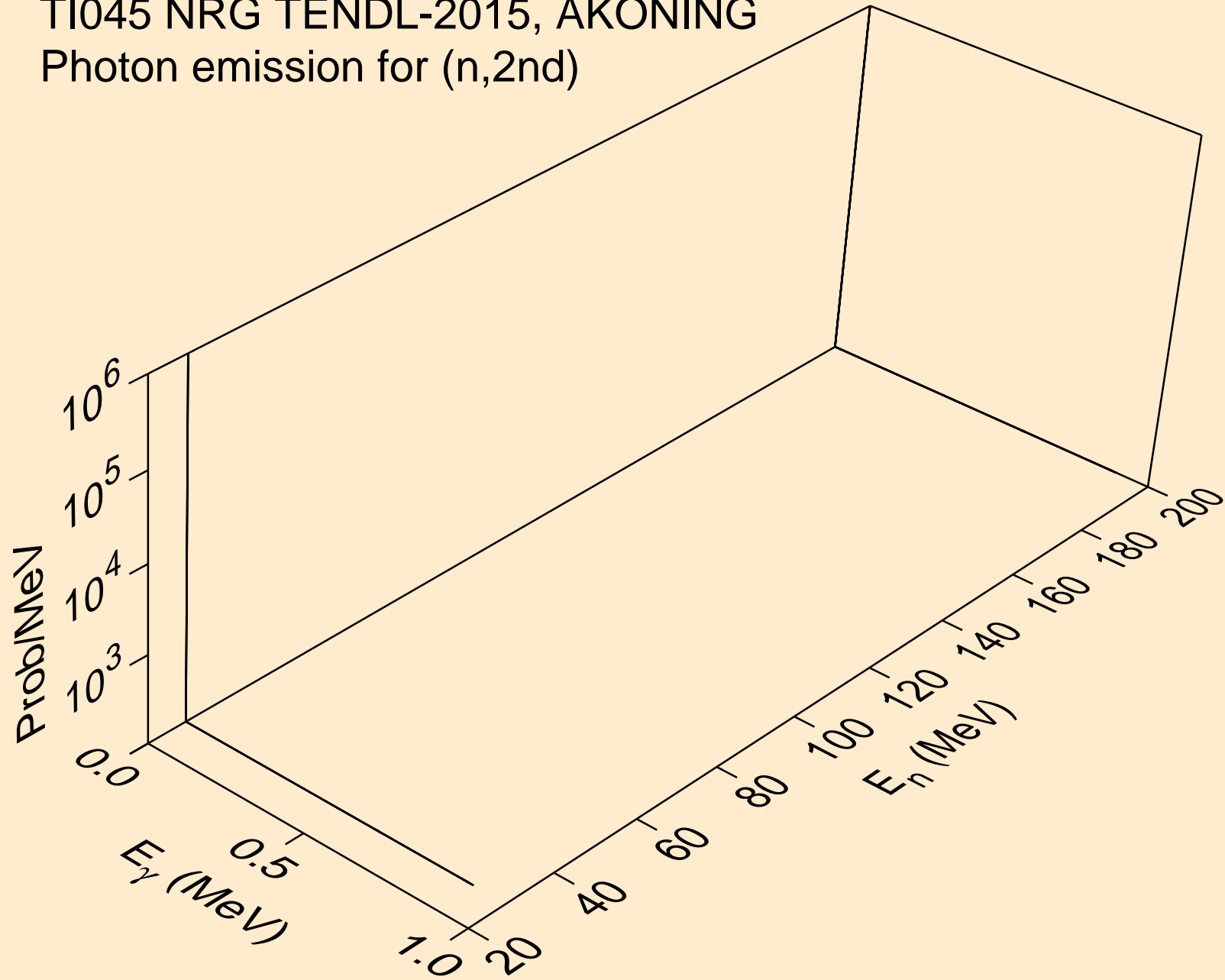
TI045 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



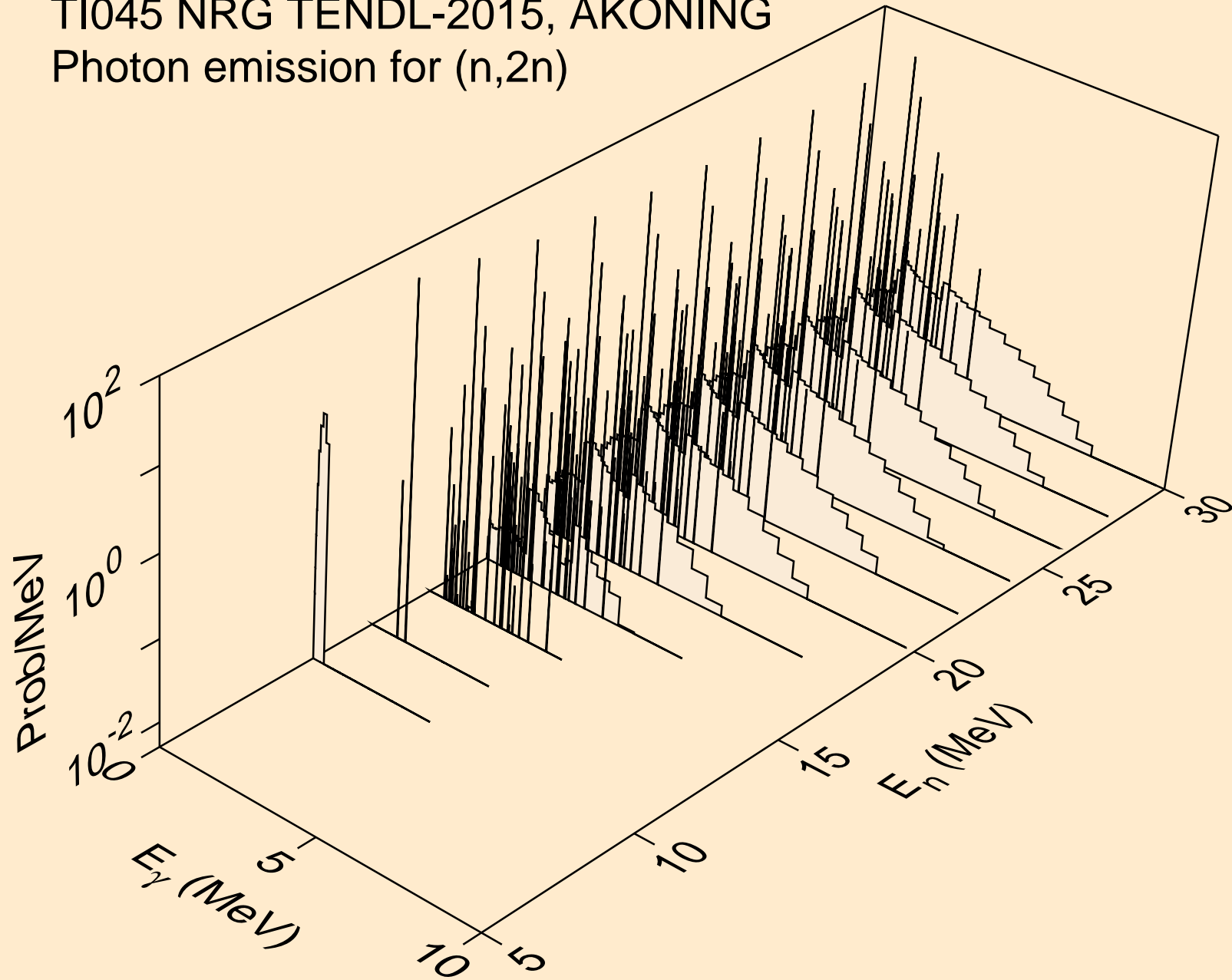
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



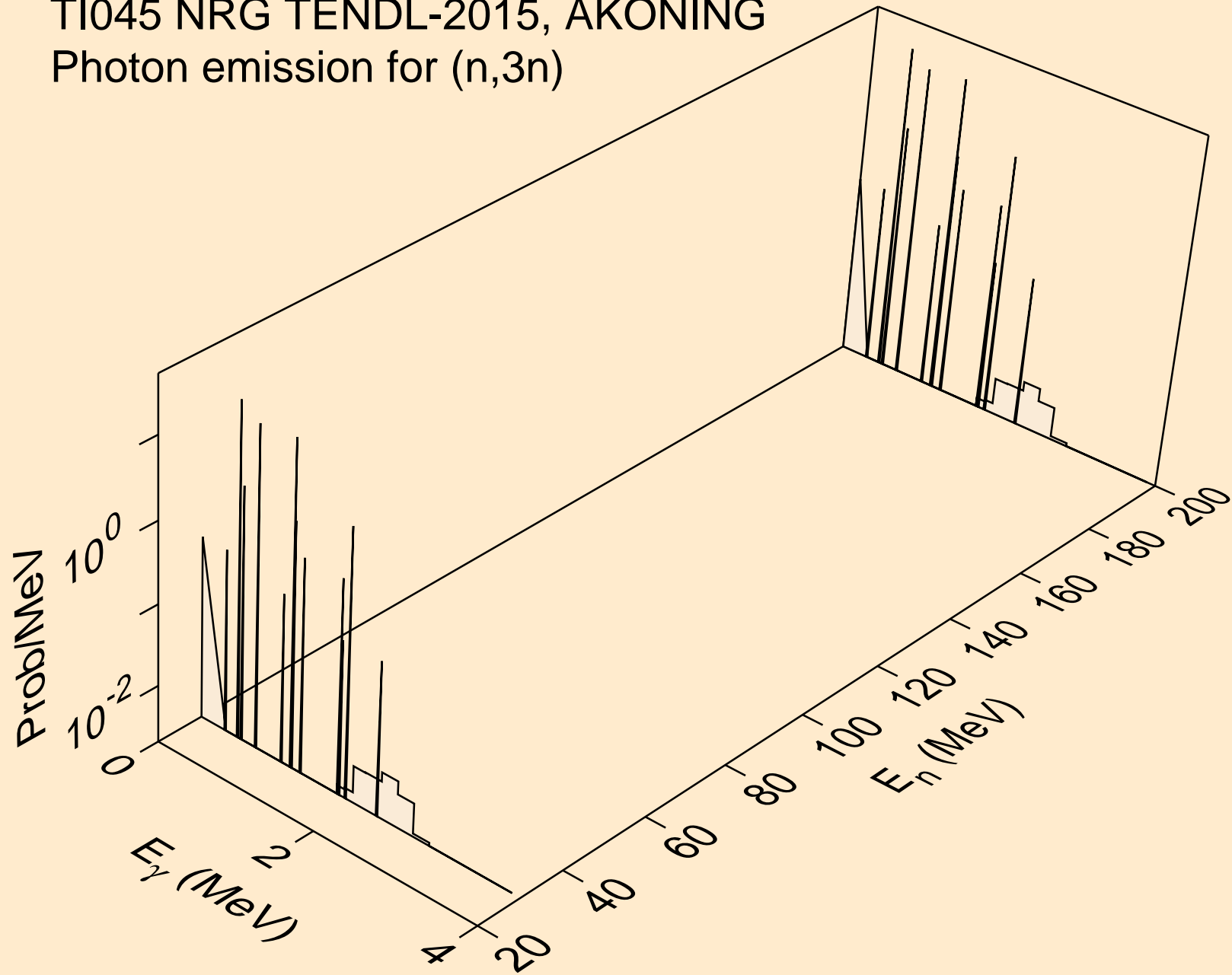
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

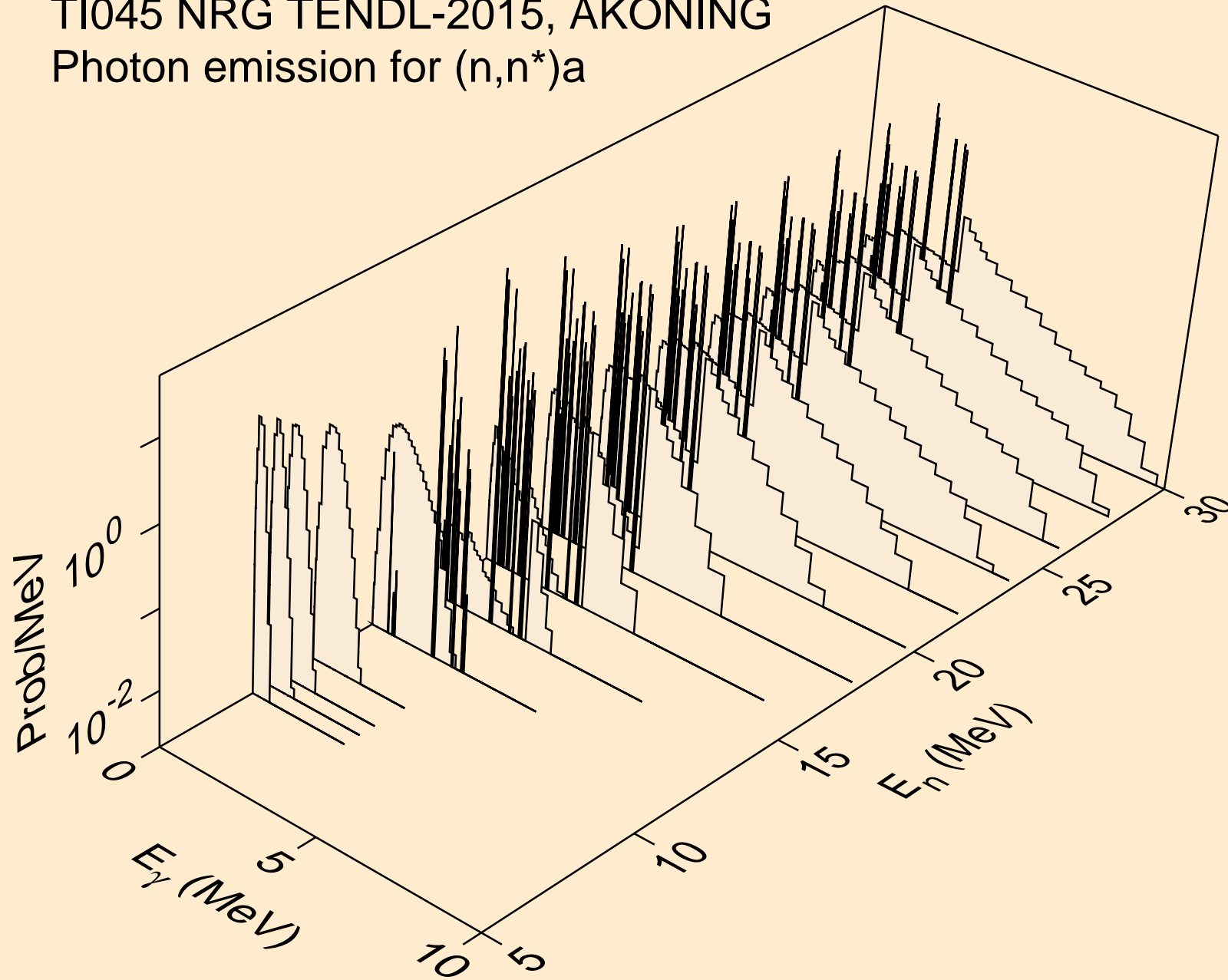


TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

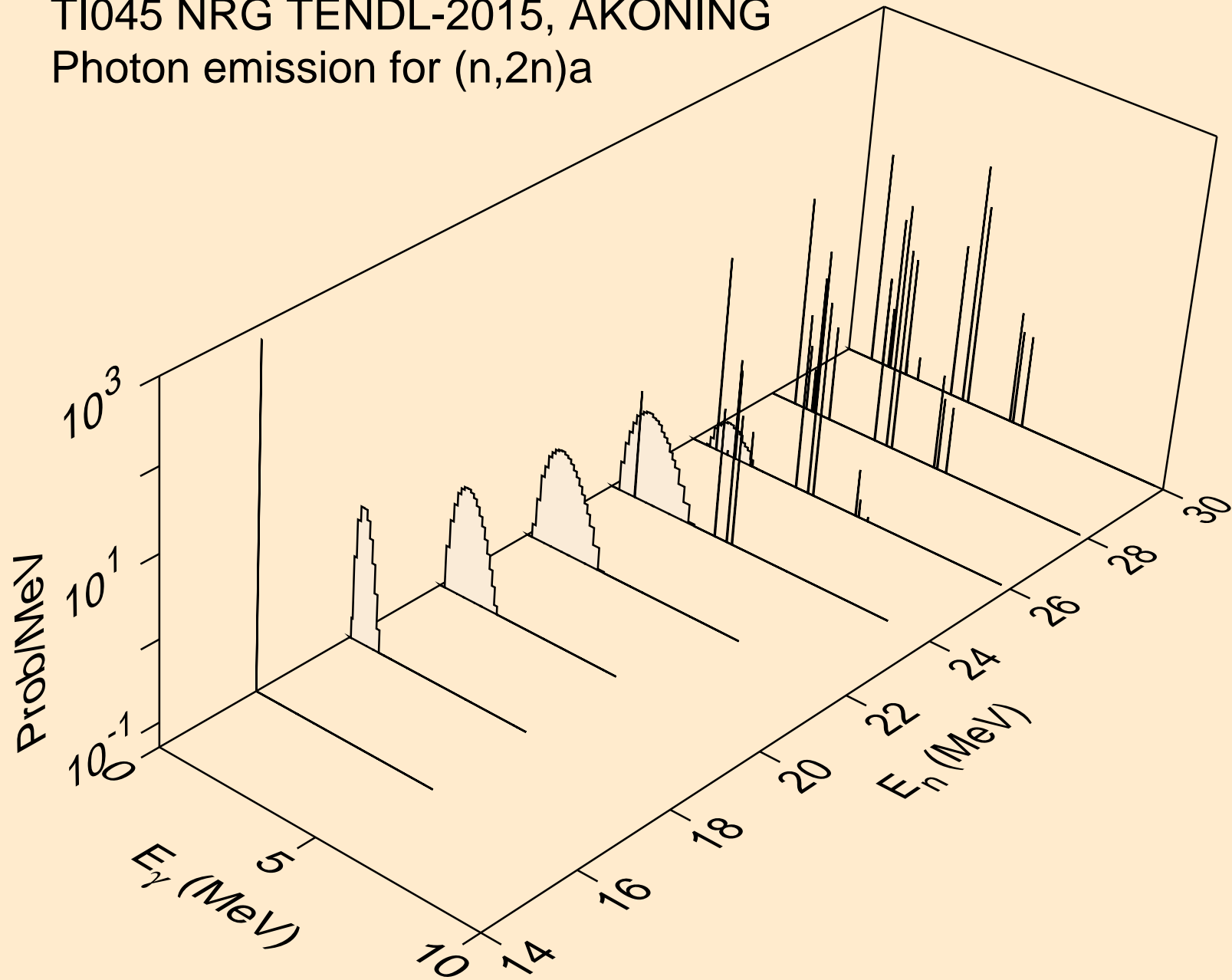




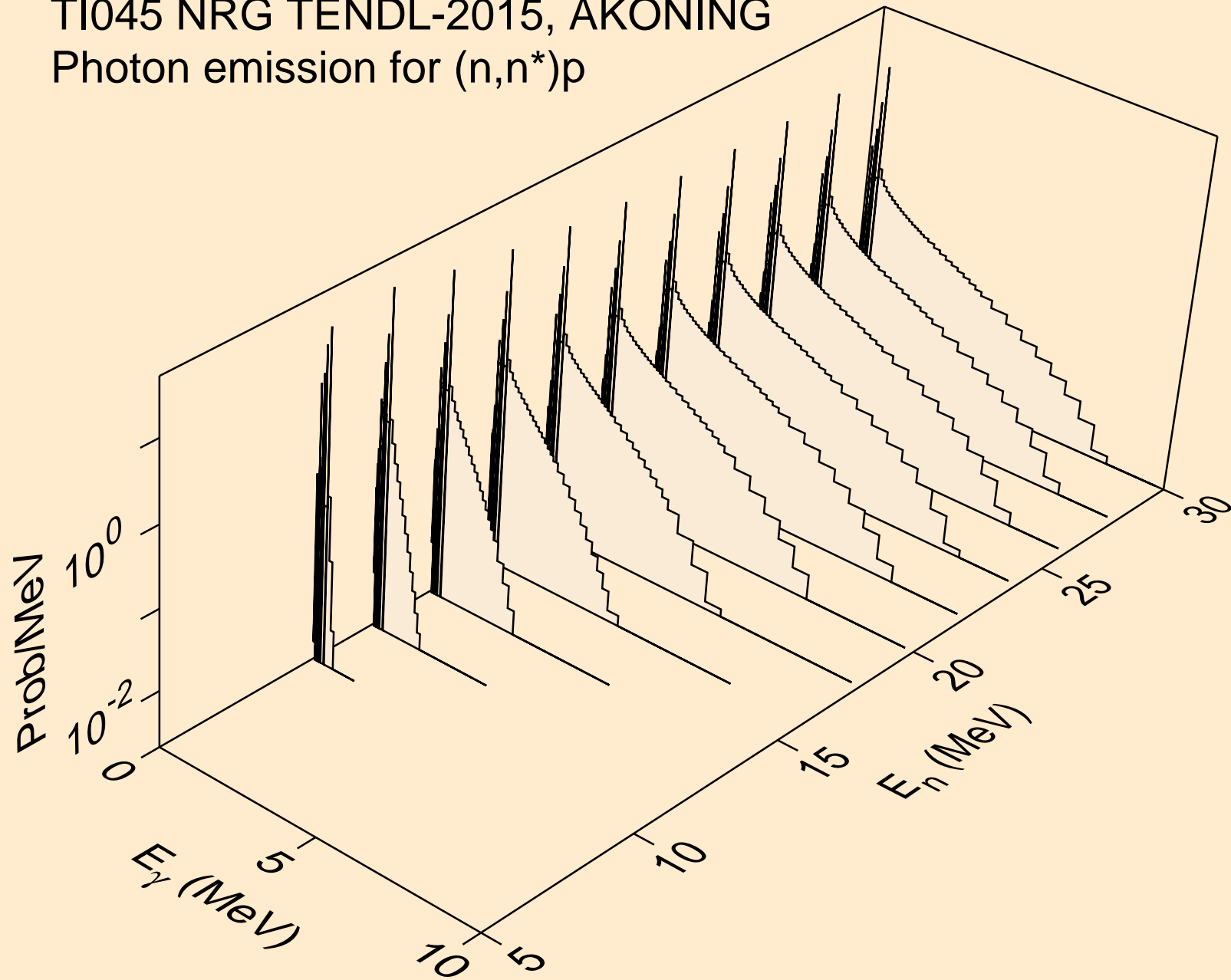
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



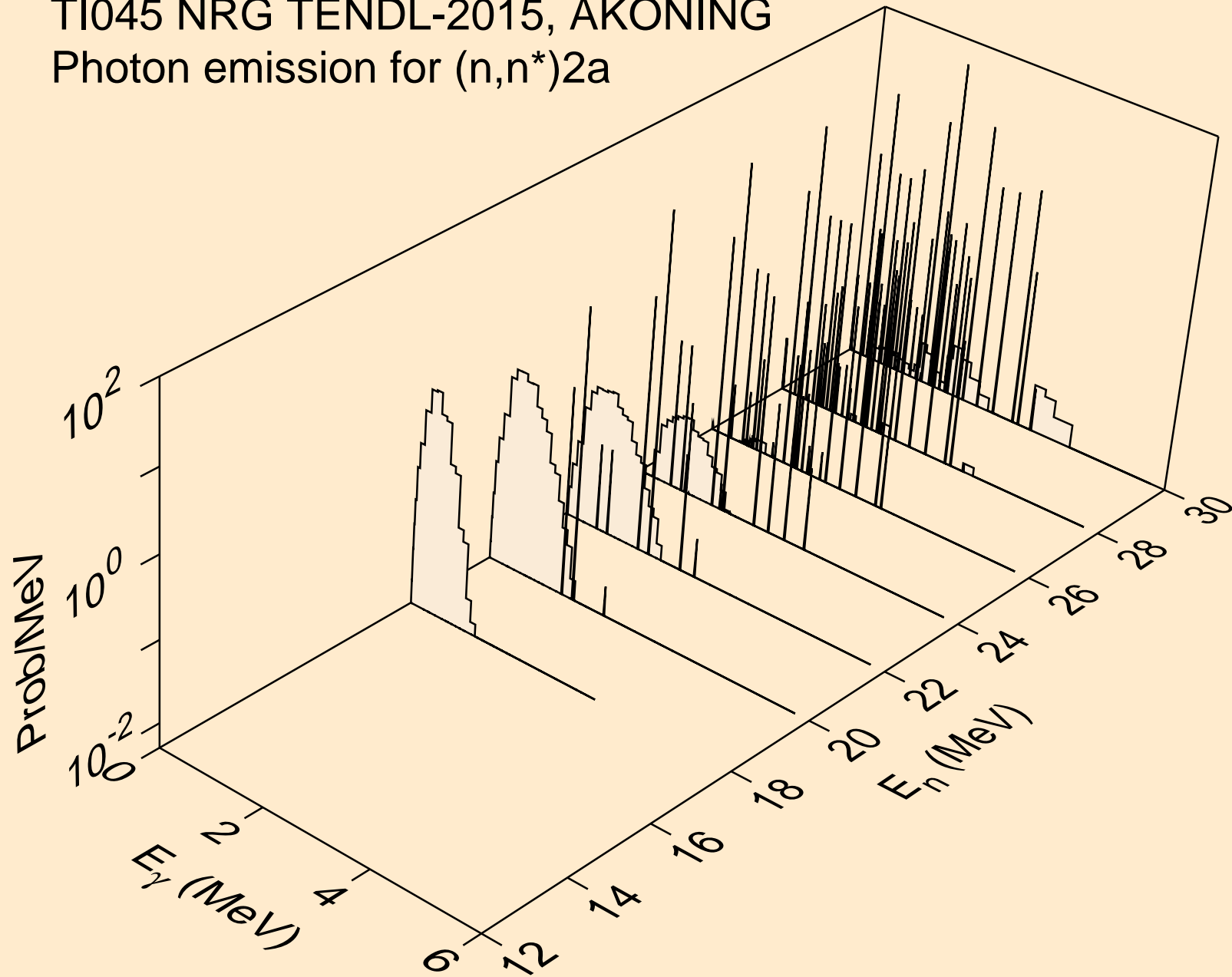
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



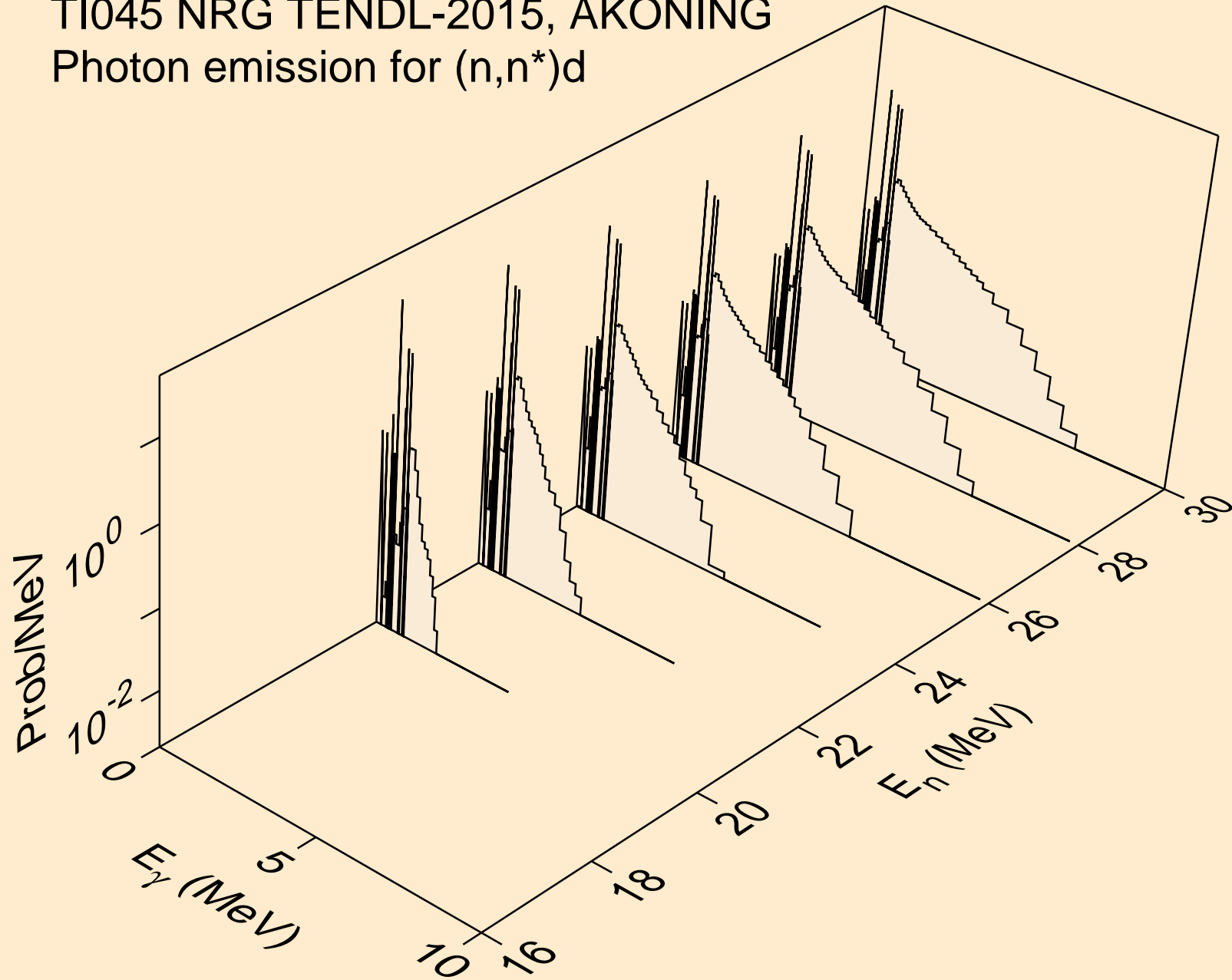
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



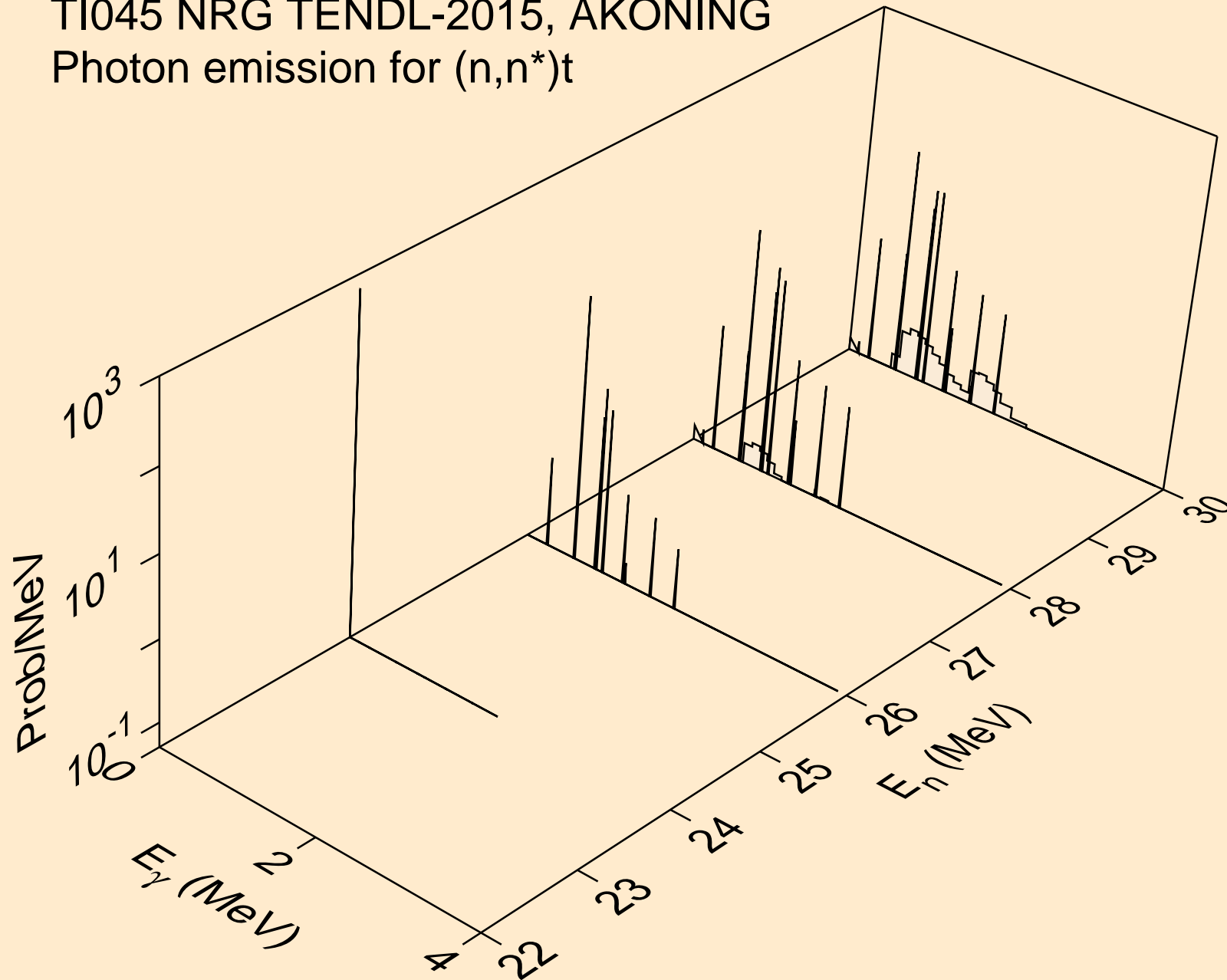
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



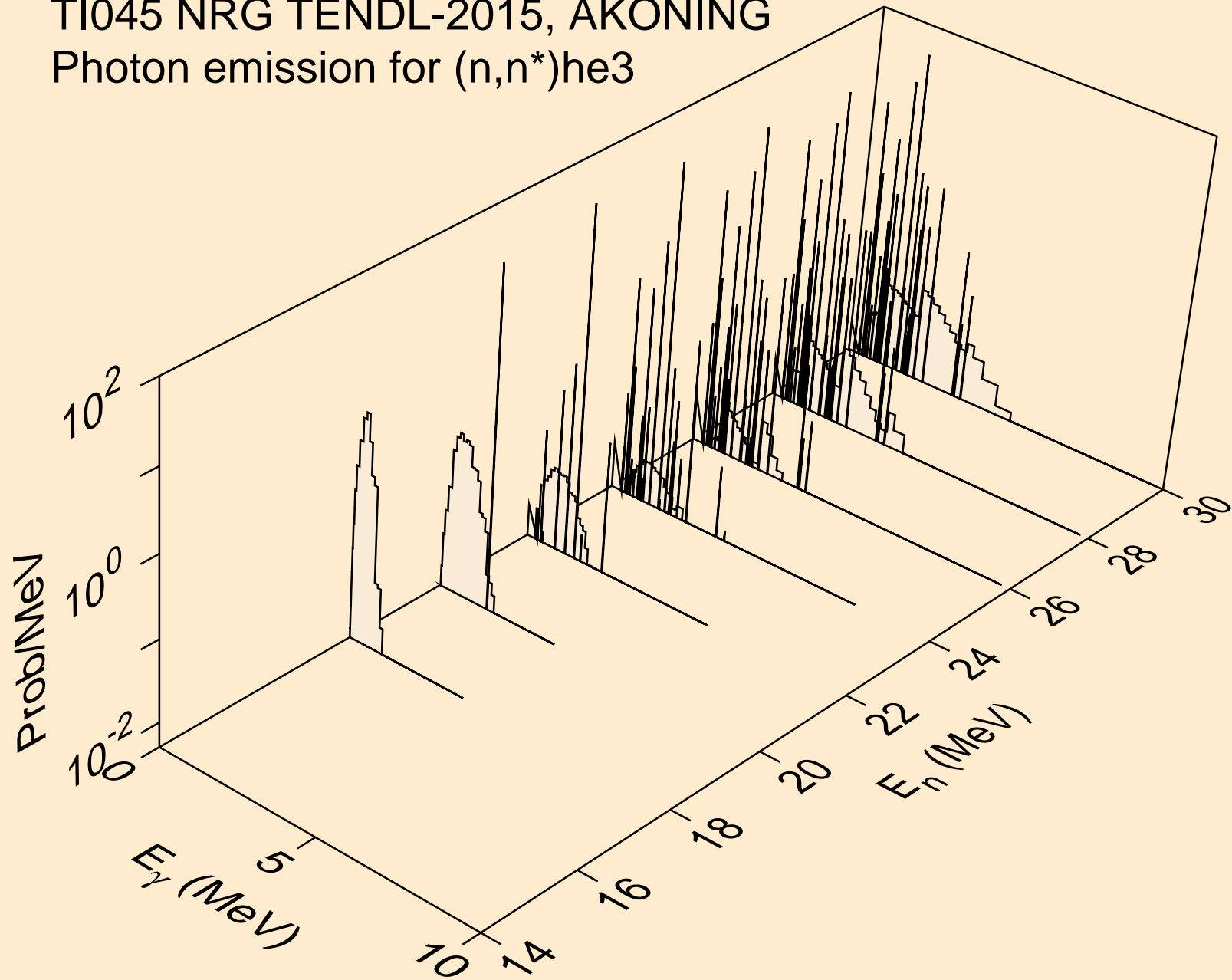
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



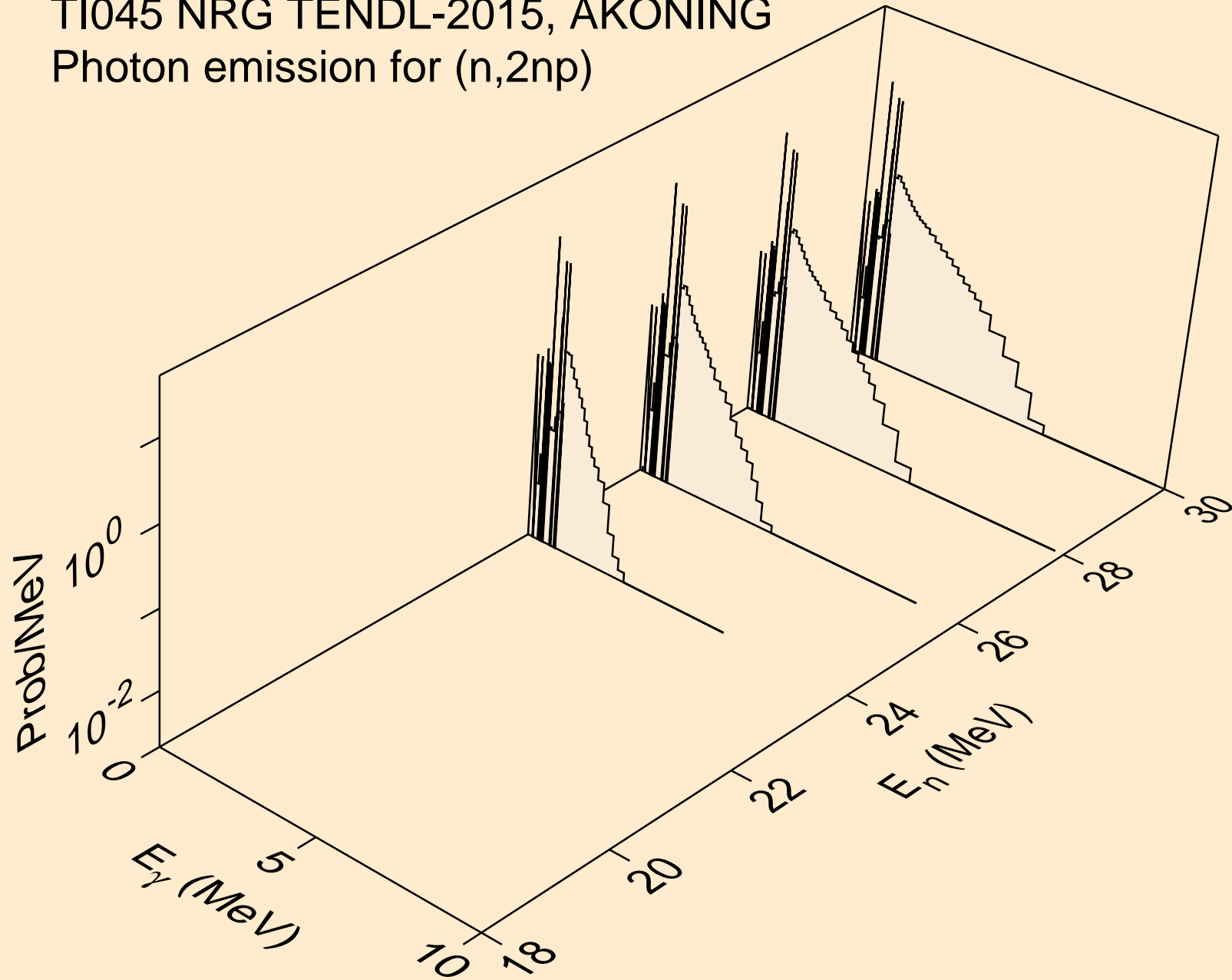
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

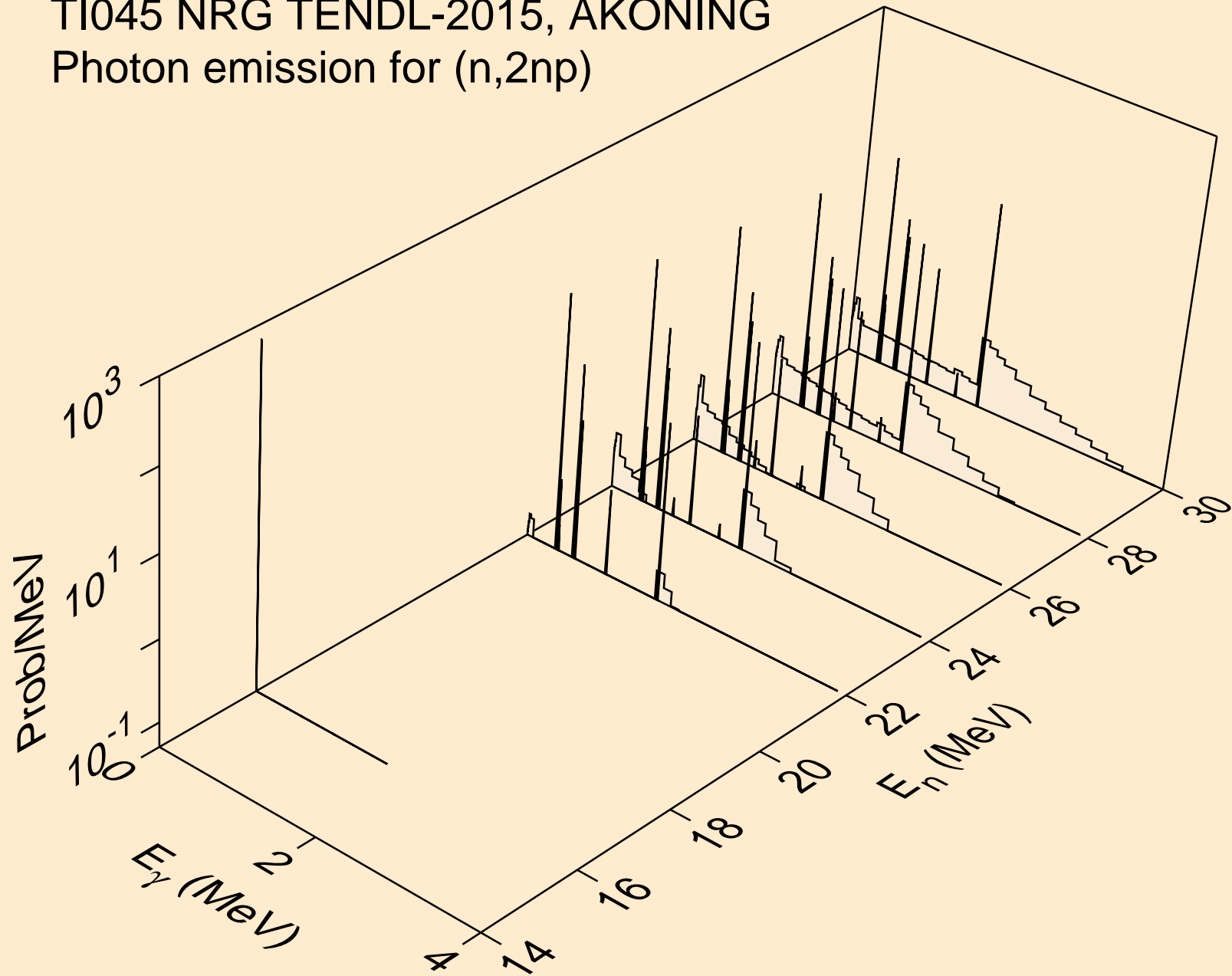


TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

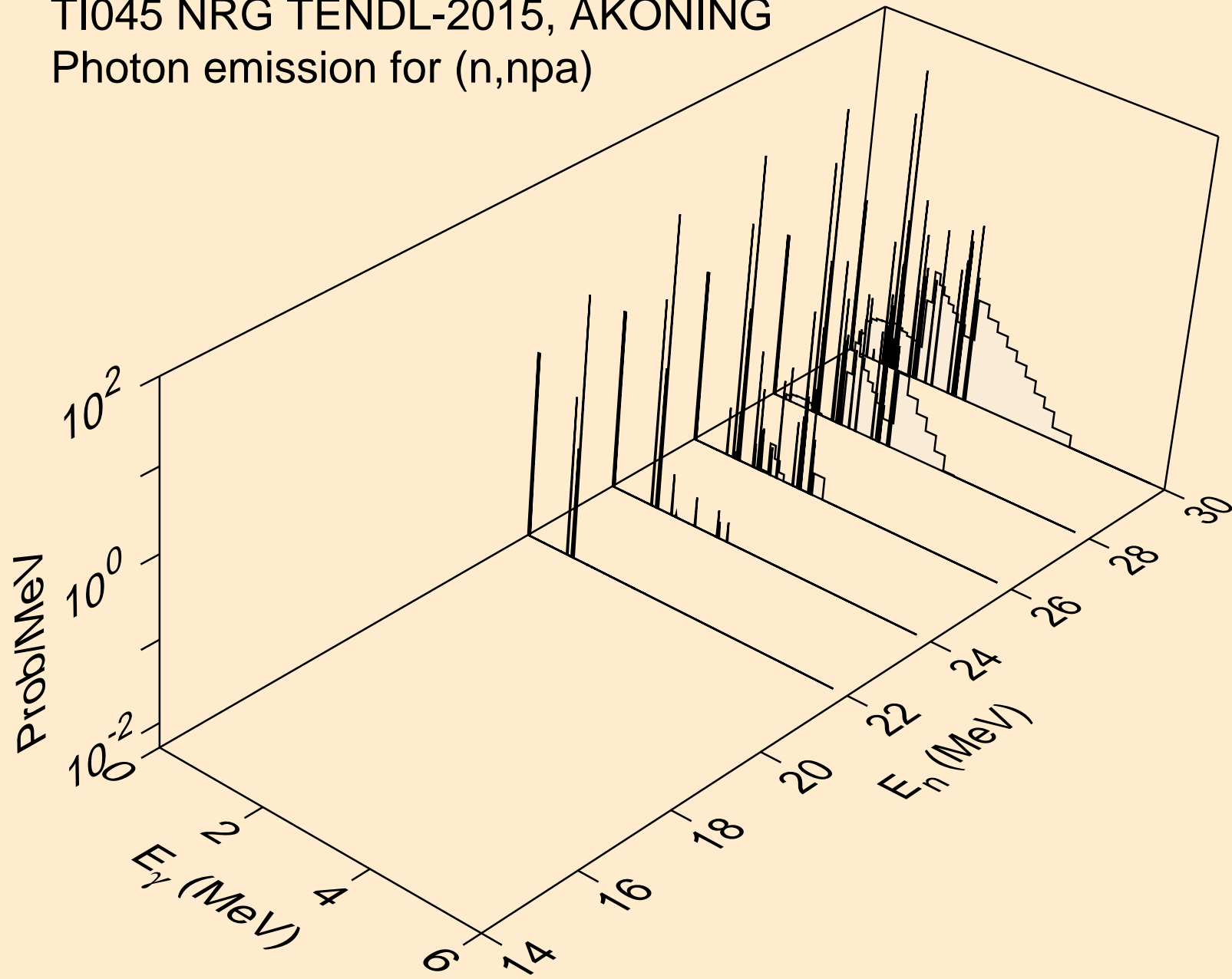




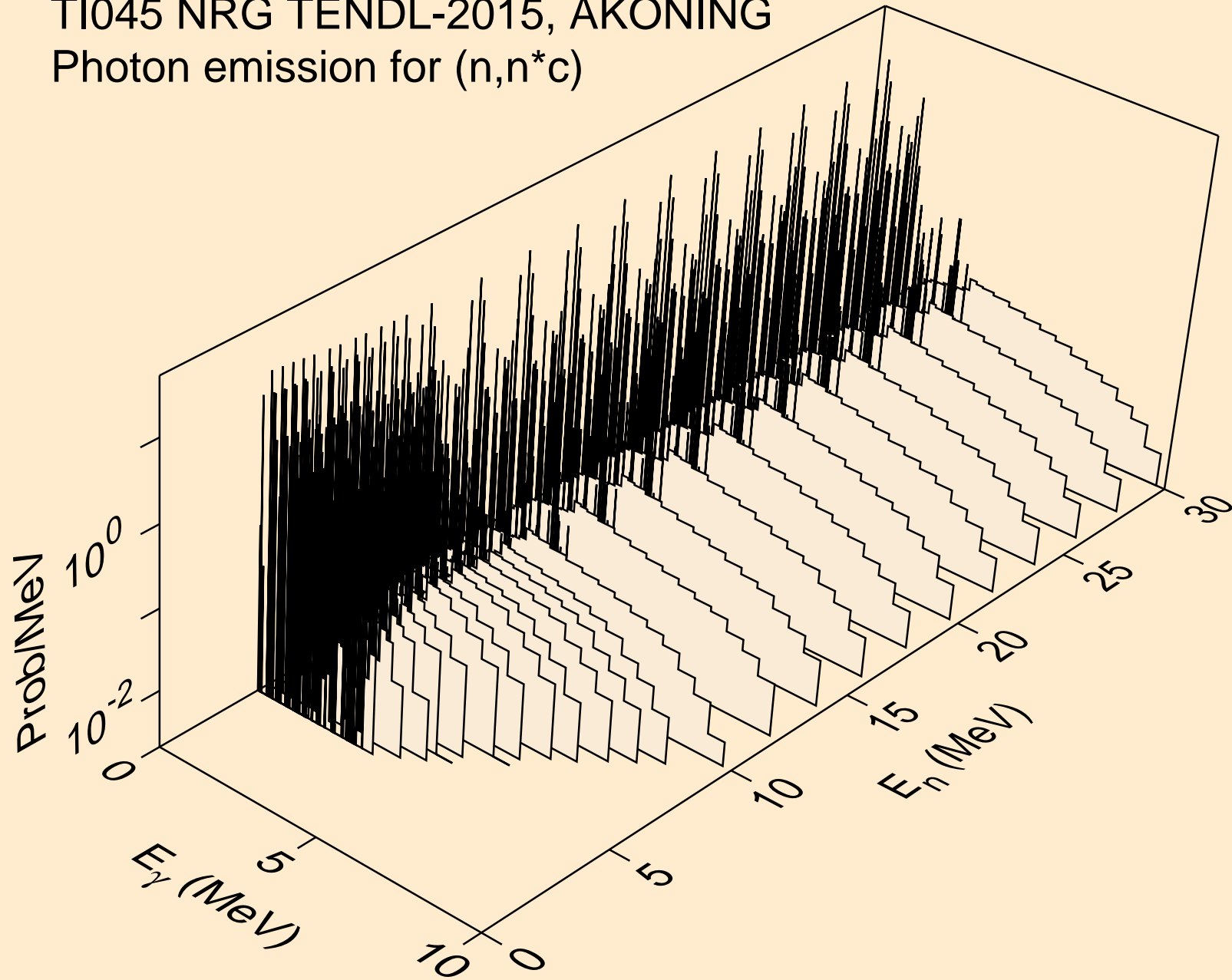
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



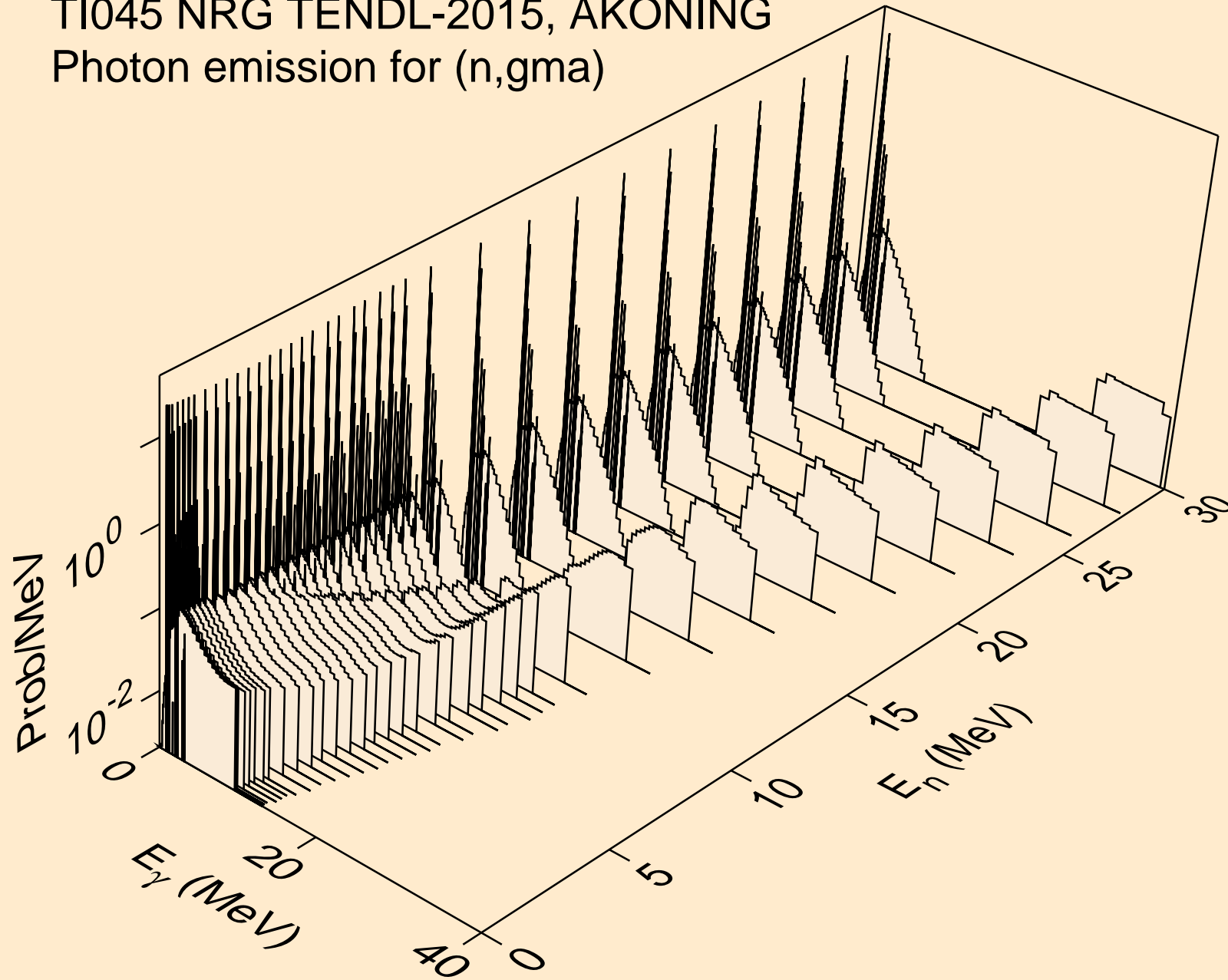
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



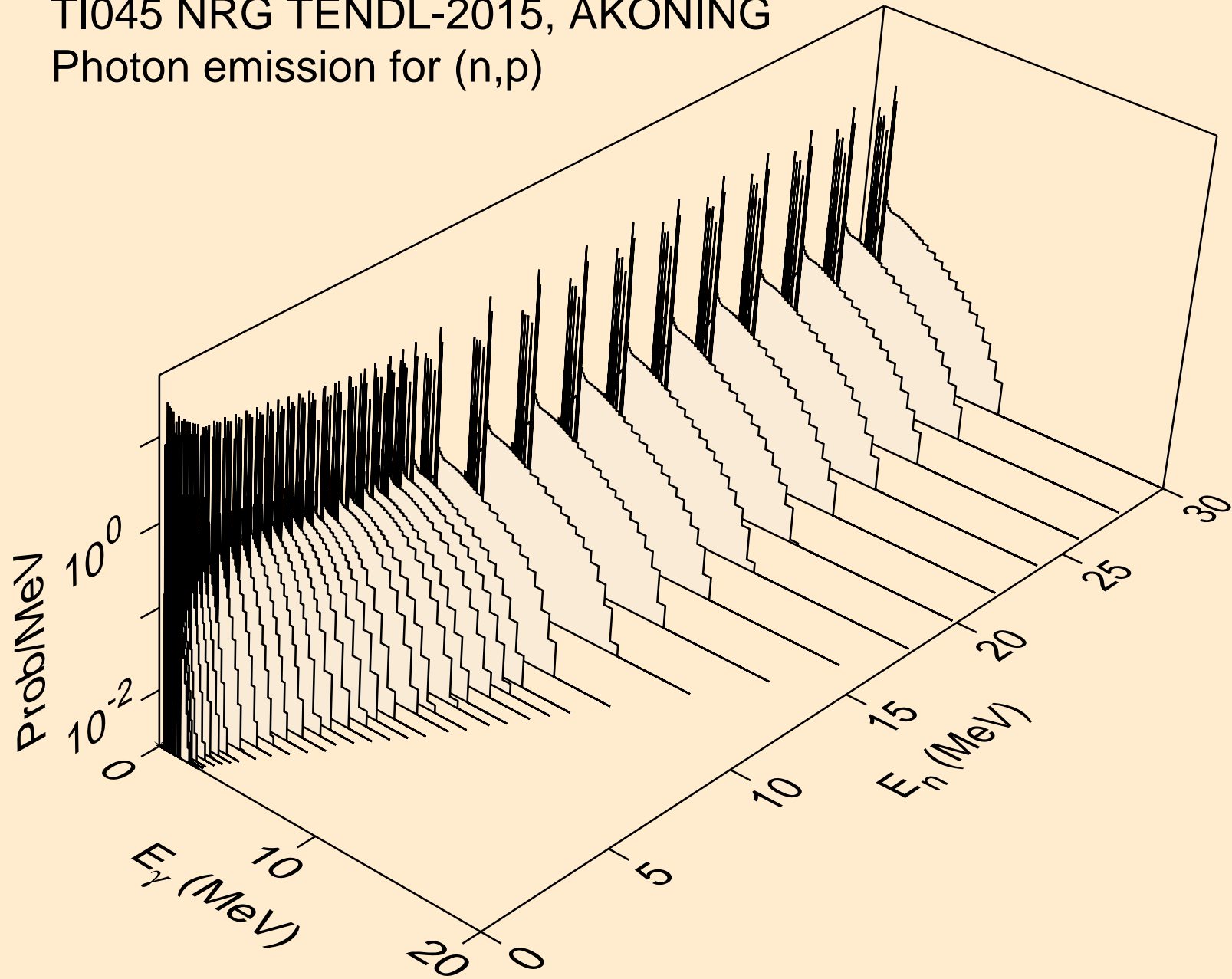
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



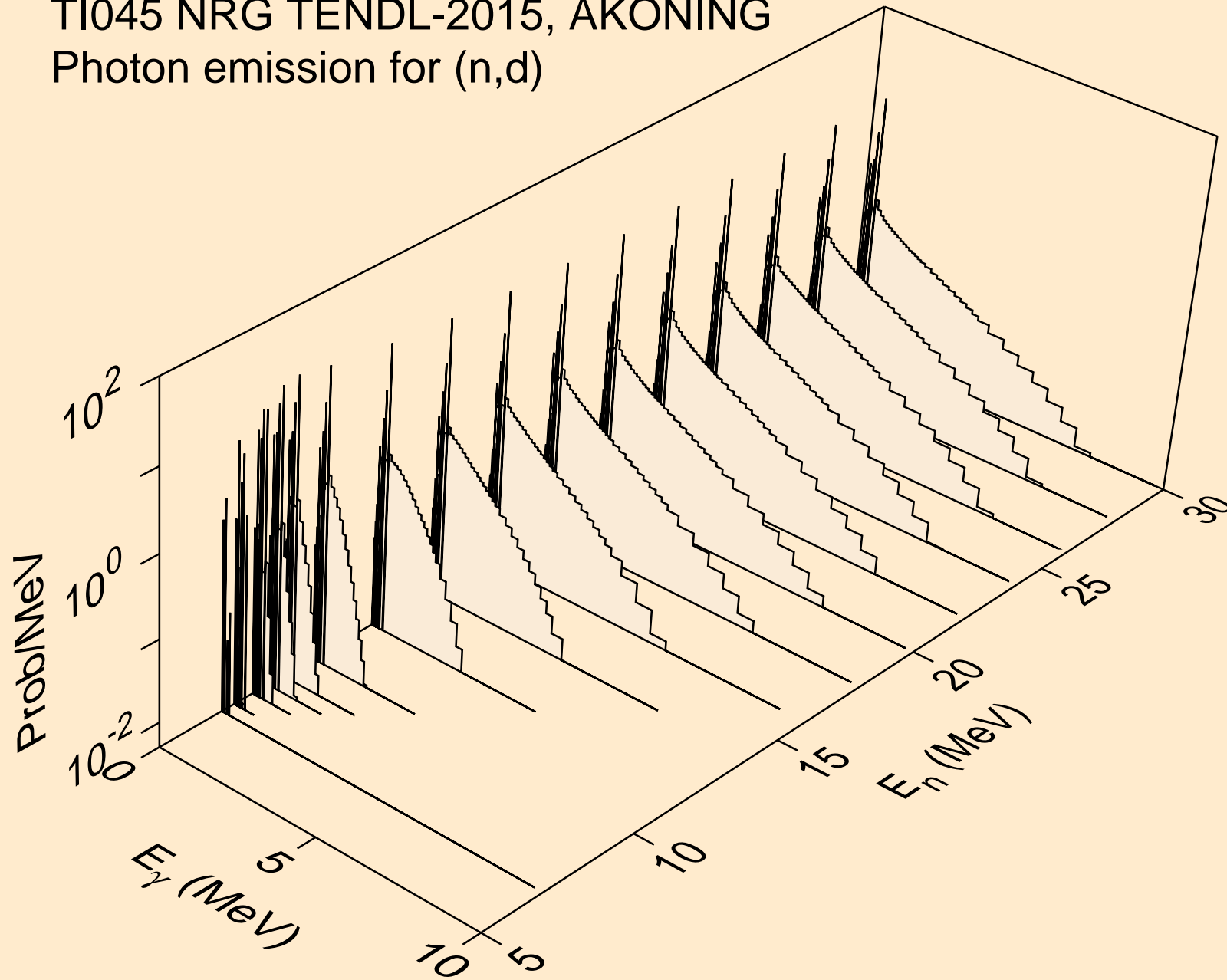
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



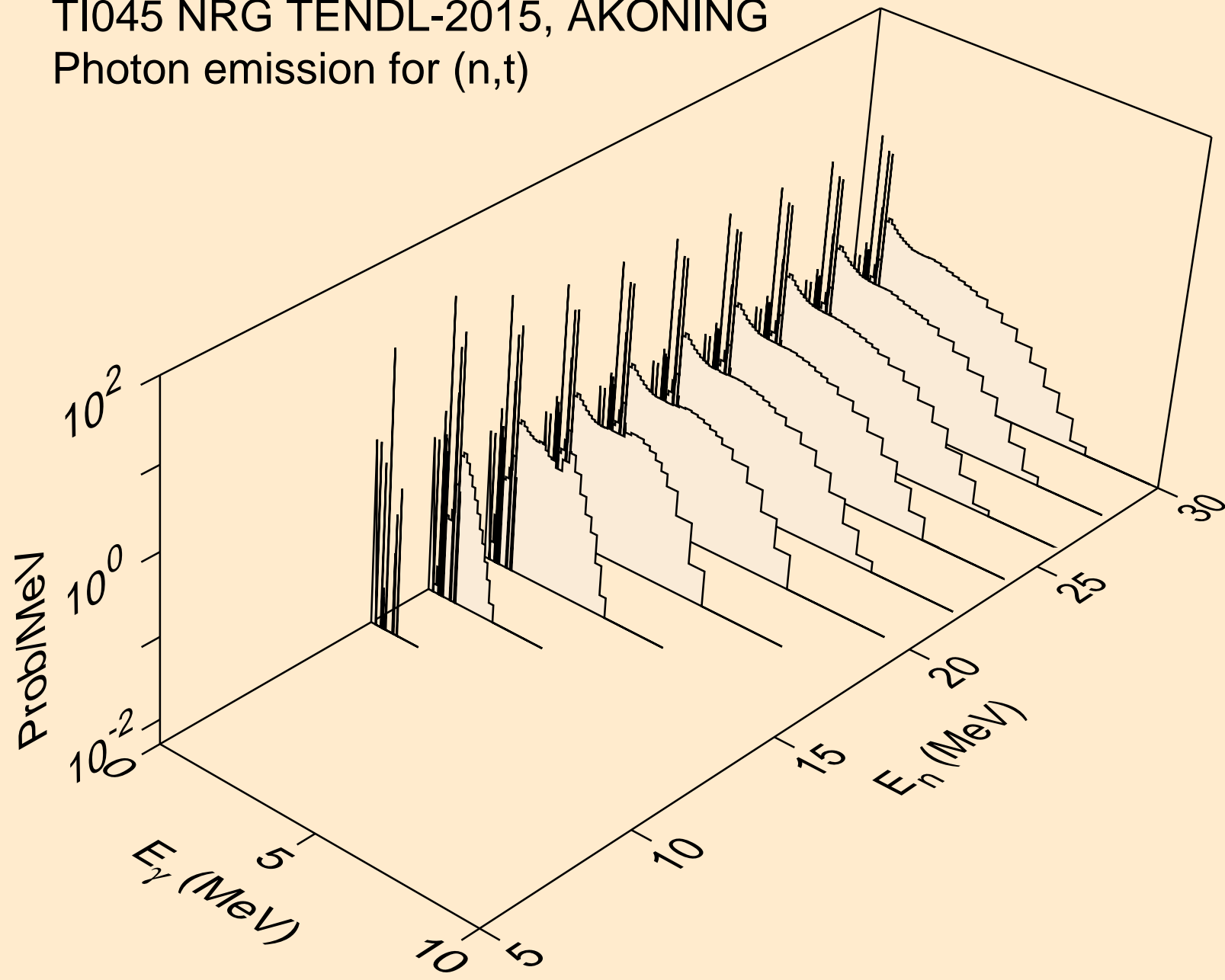
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



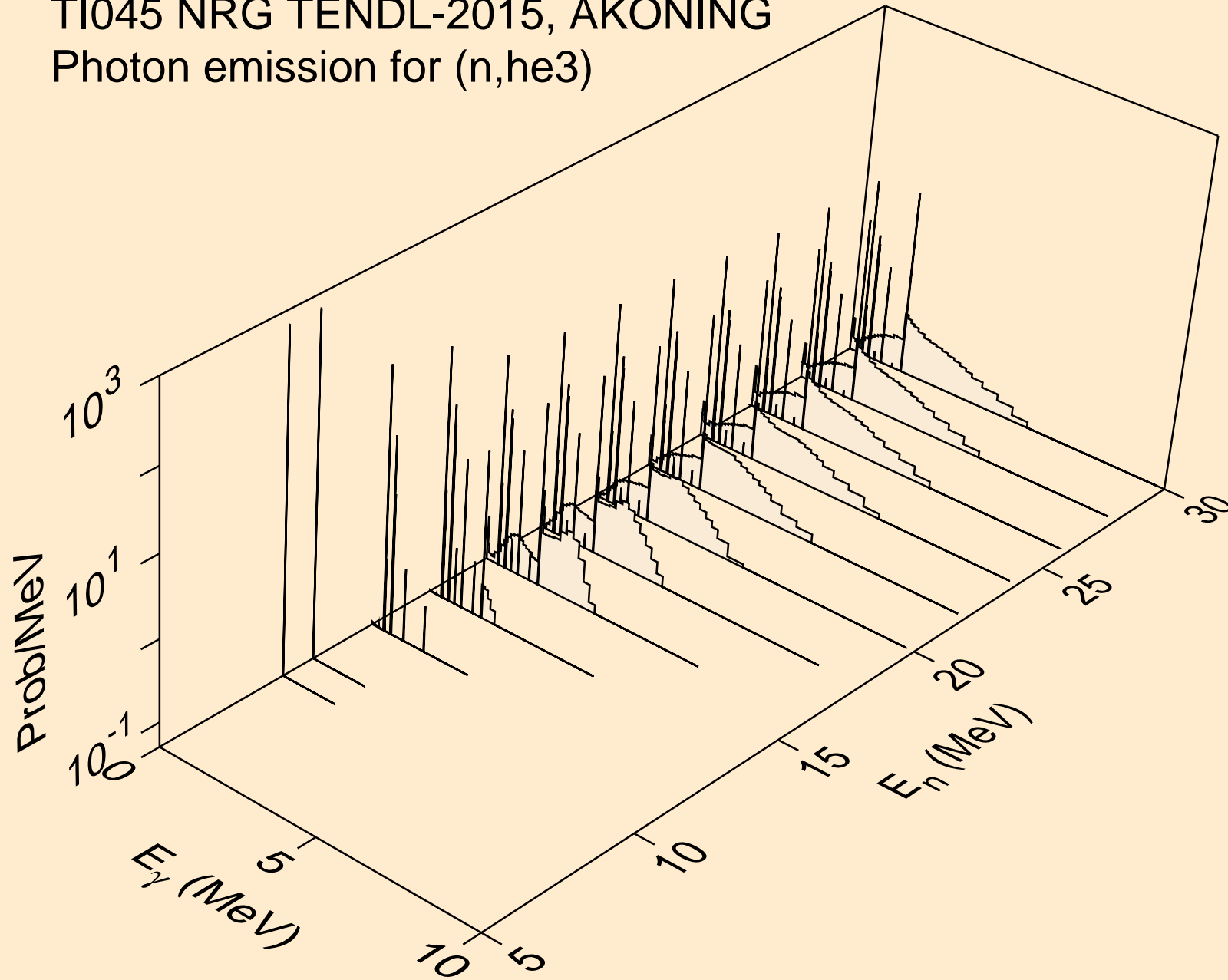
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

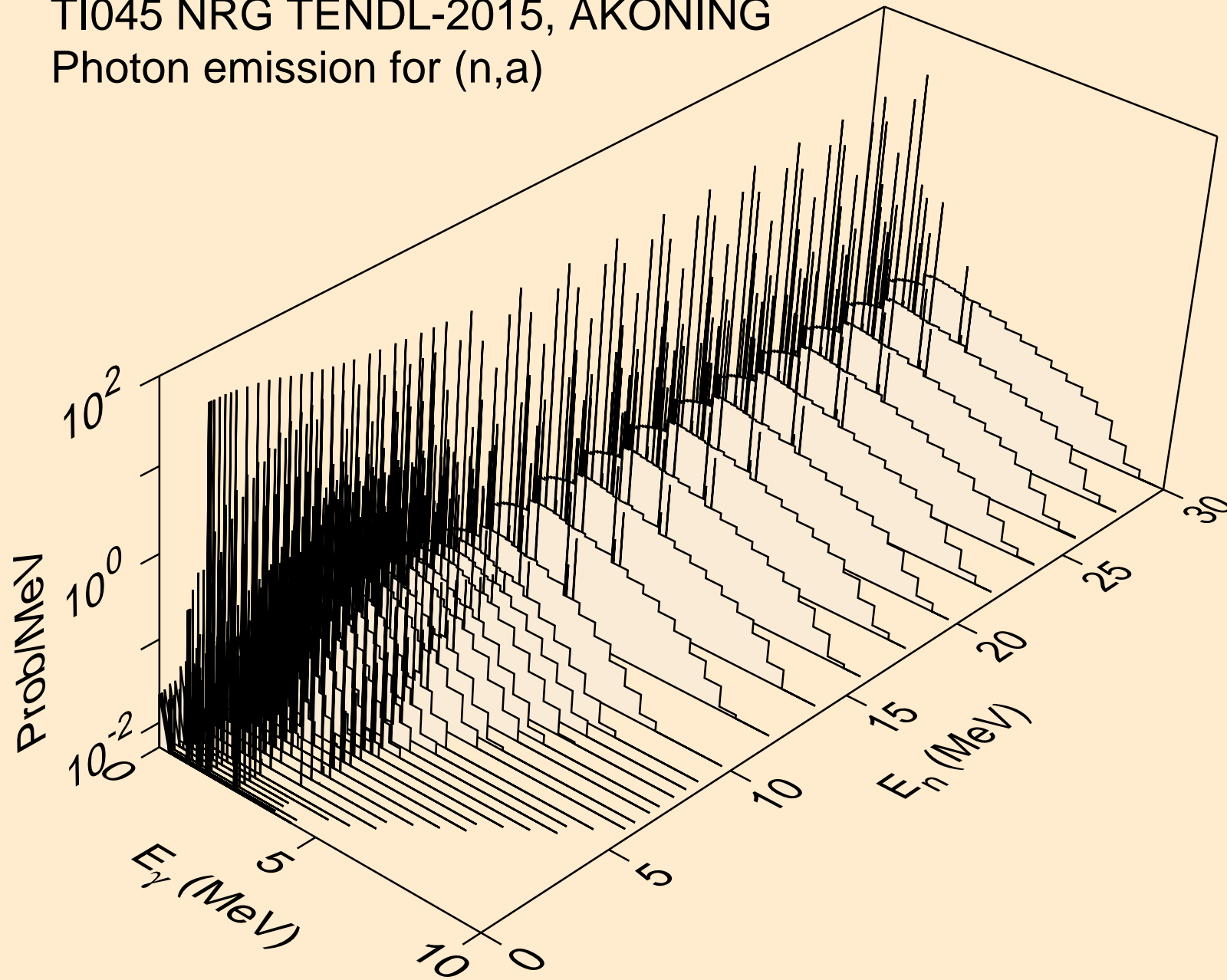


TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

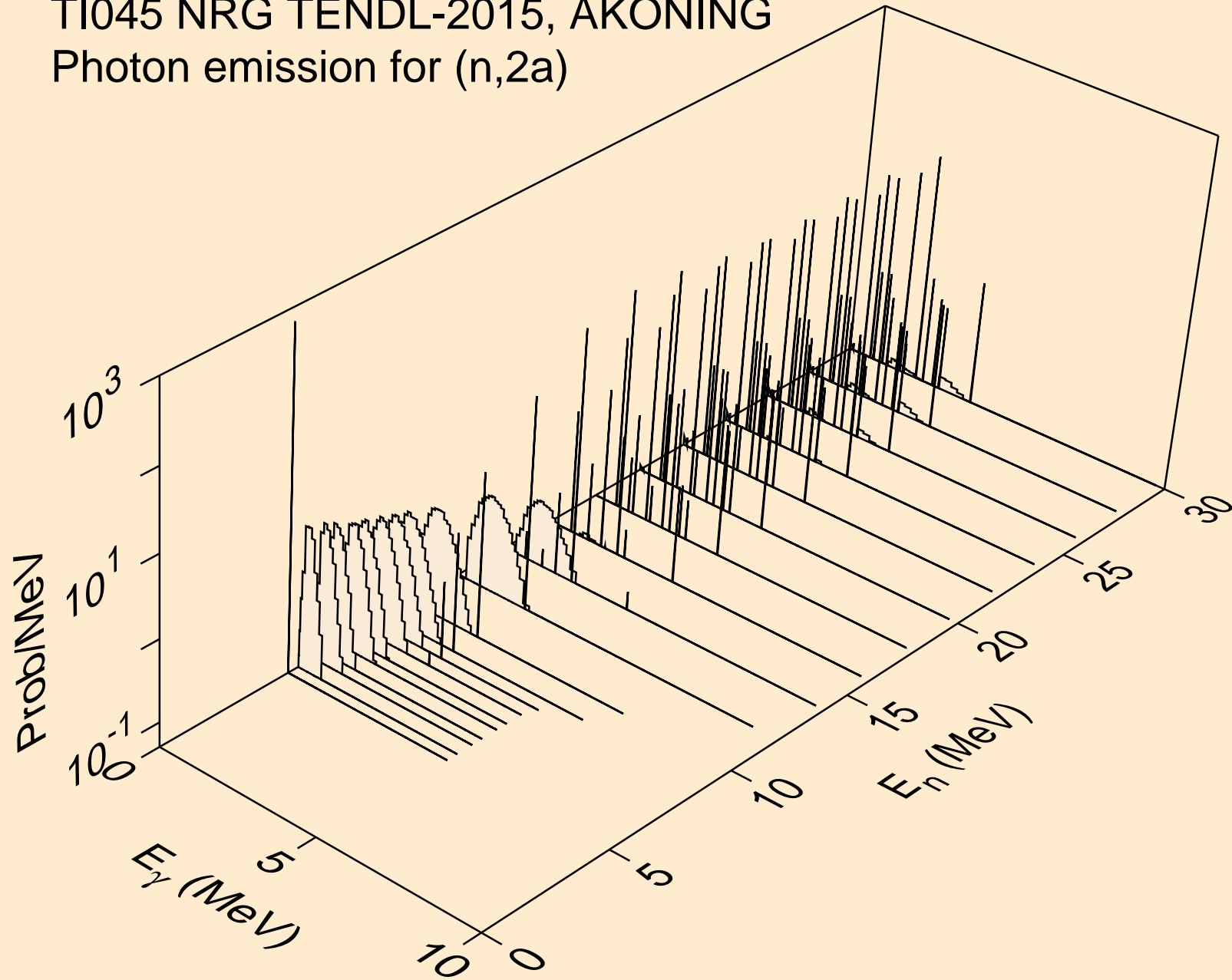




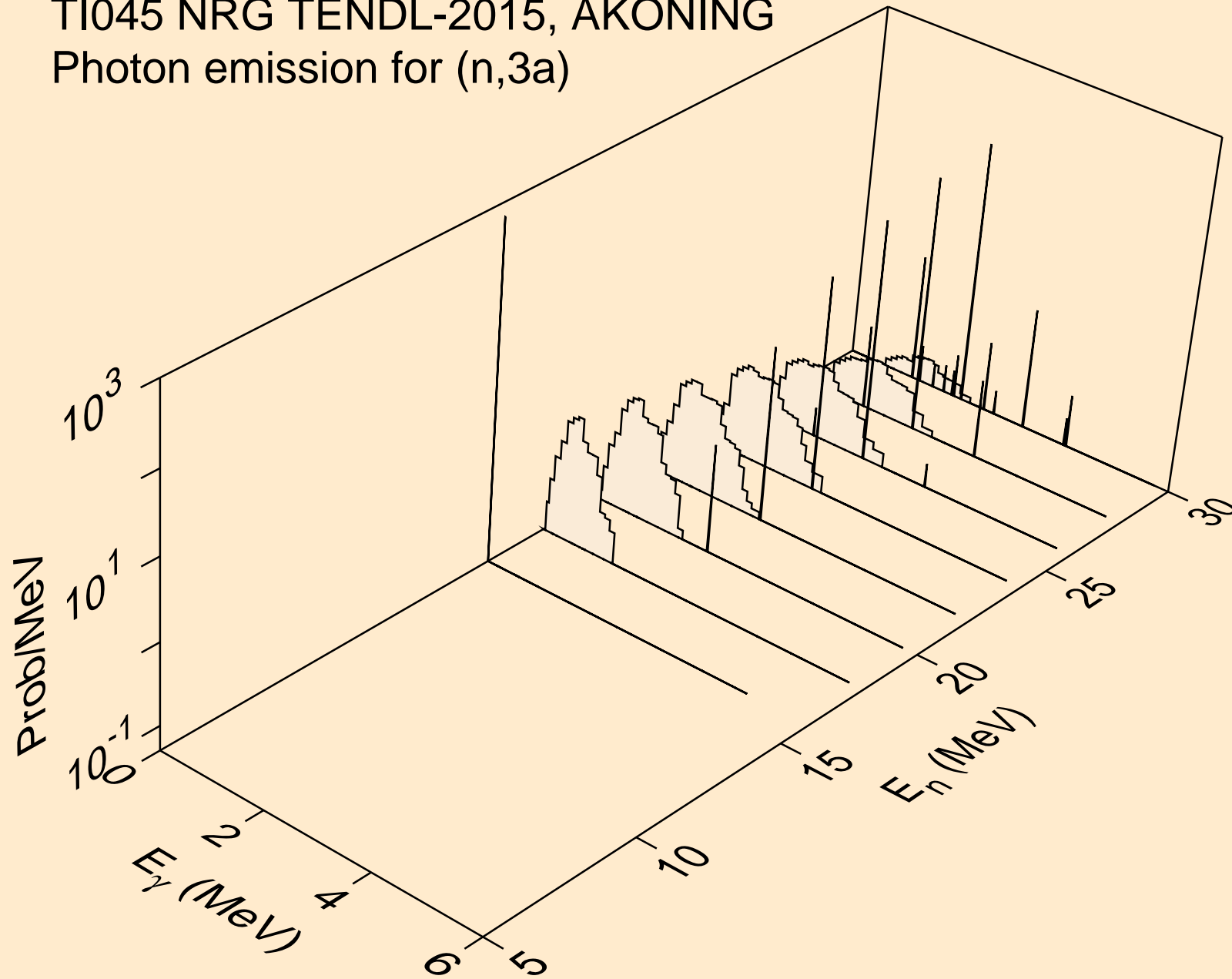
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



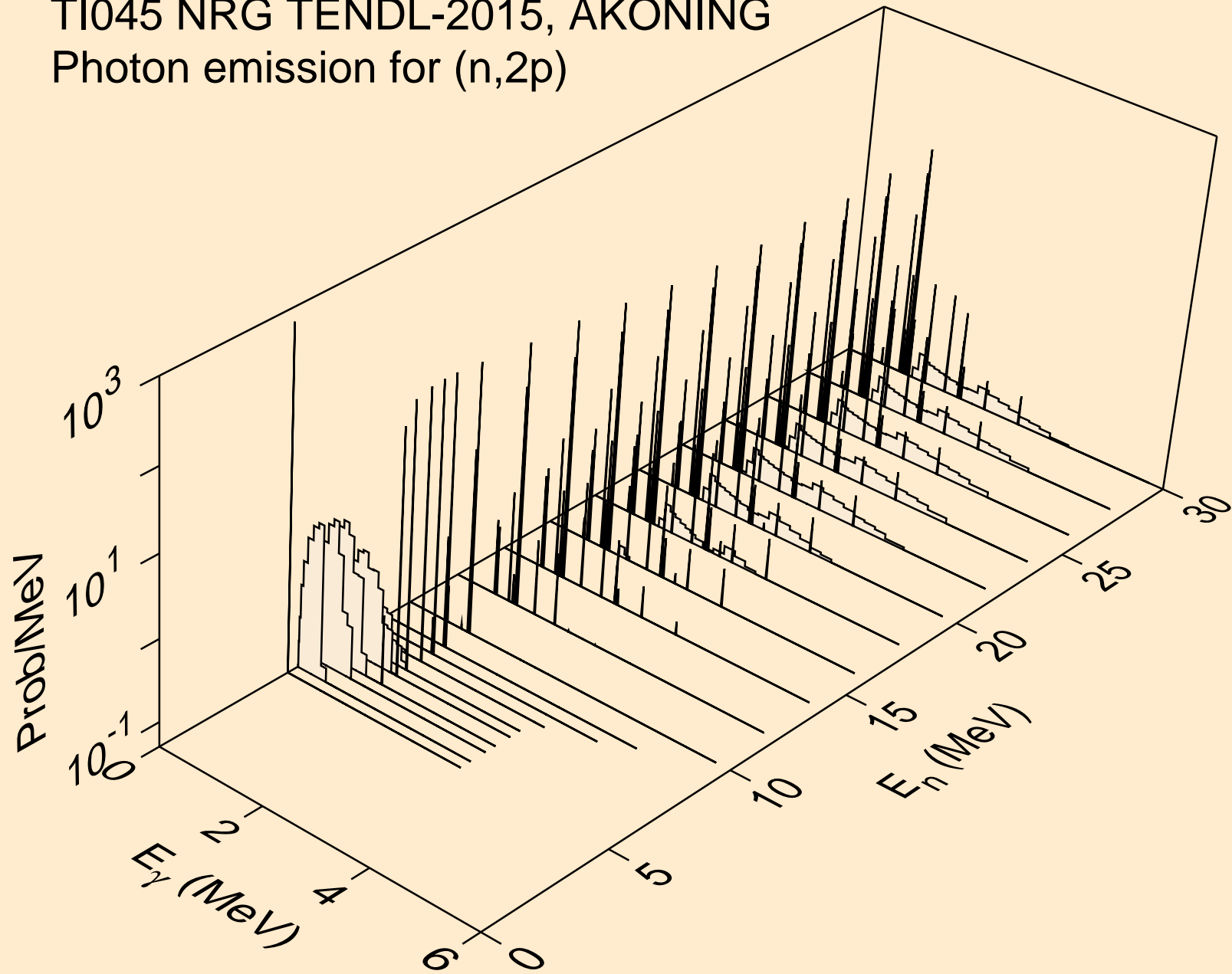
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



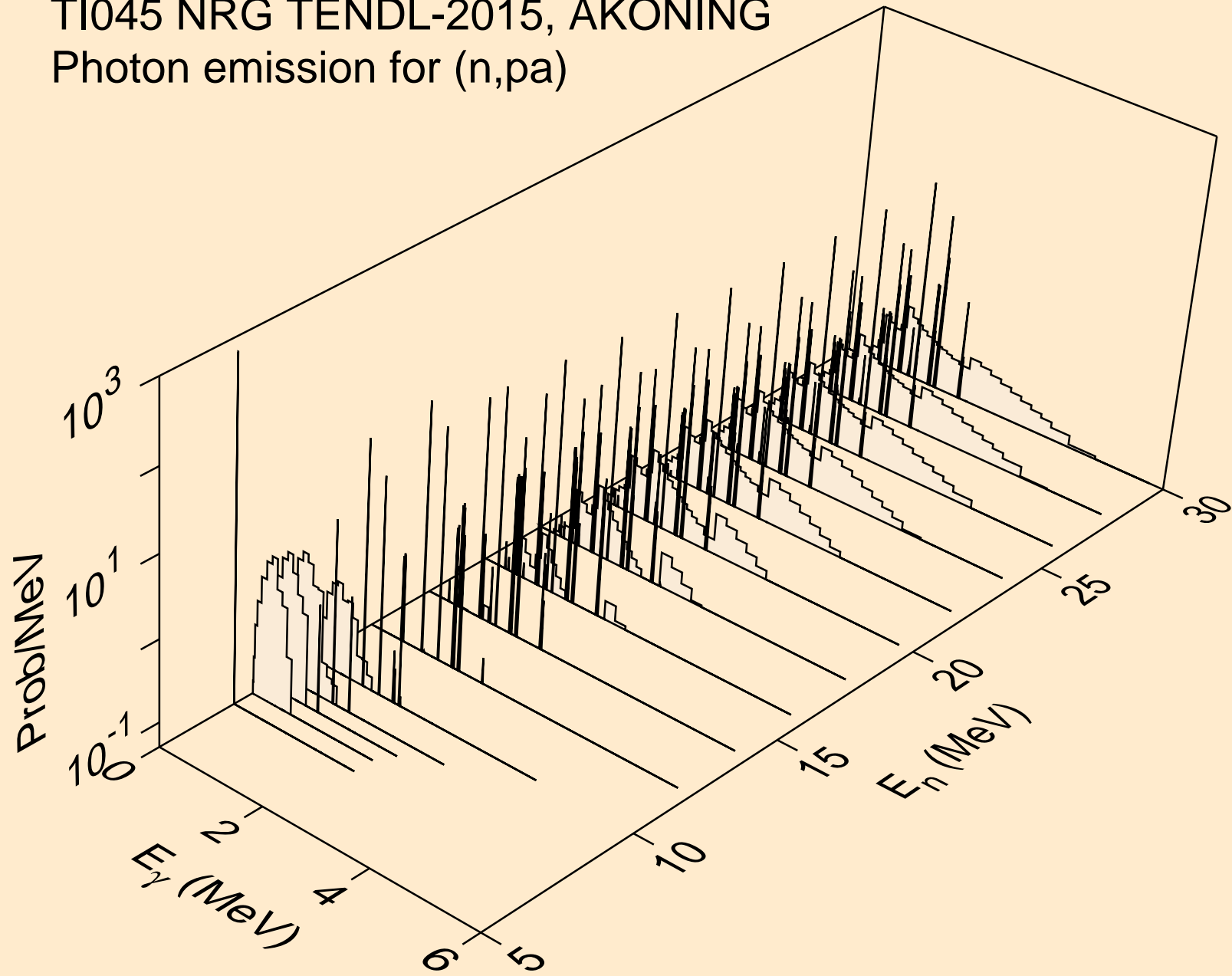
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



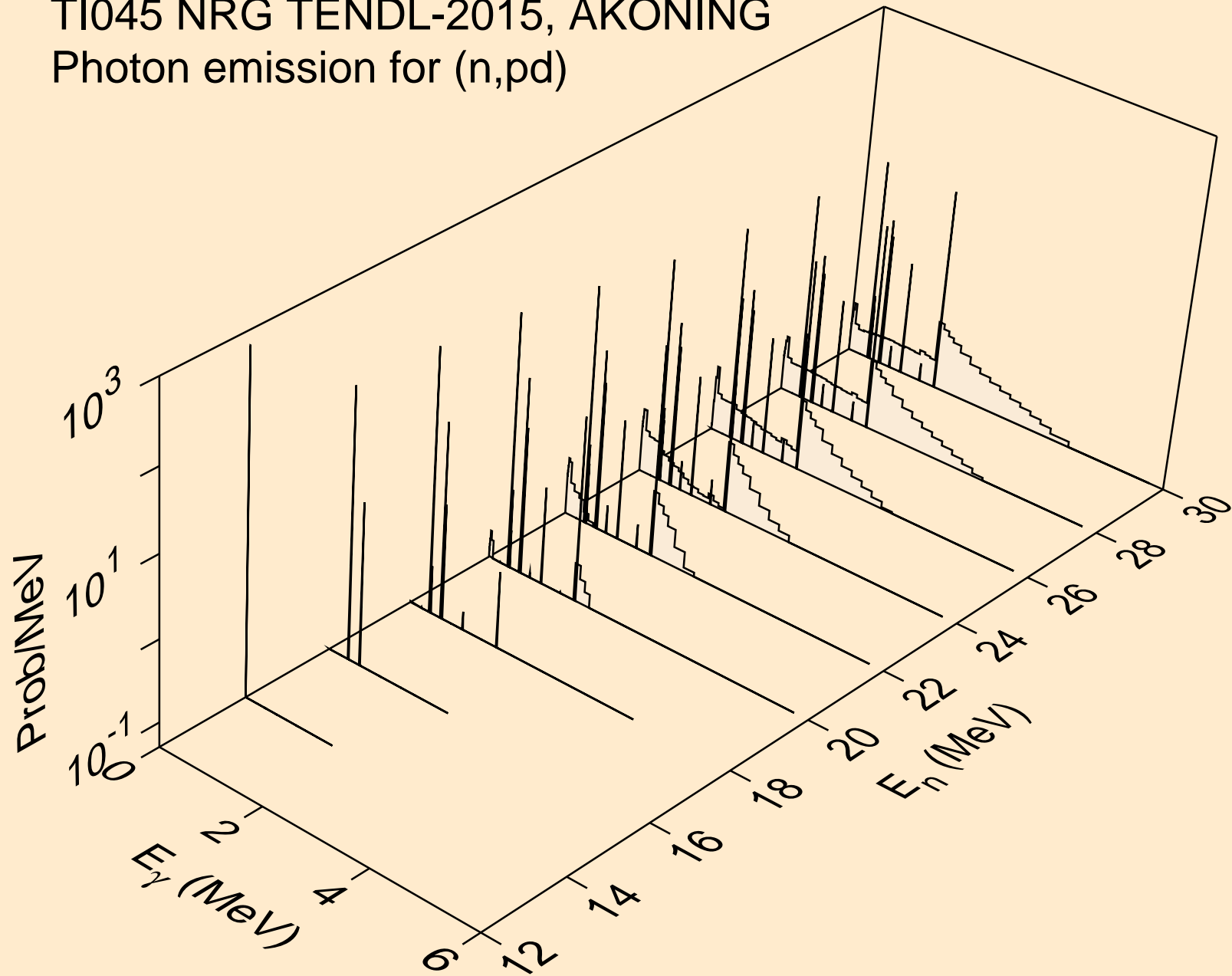
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



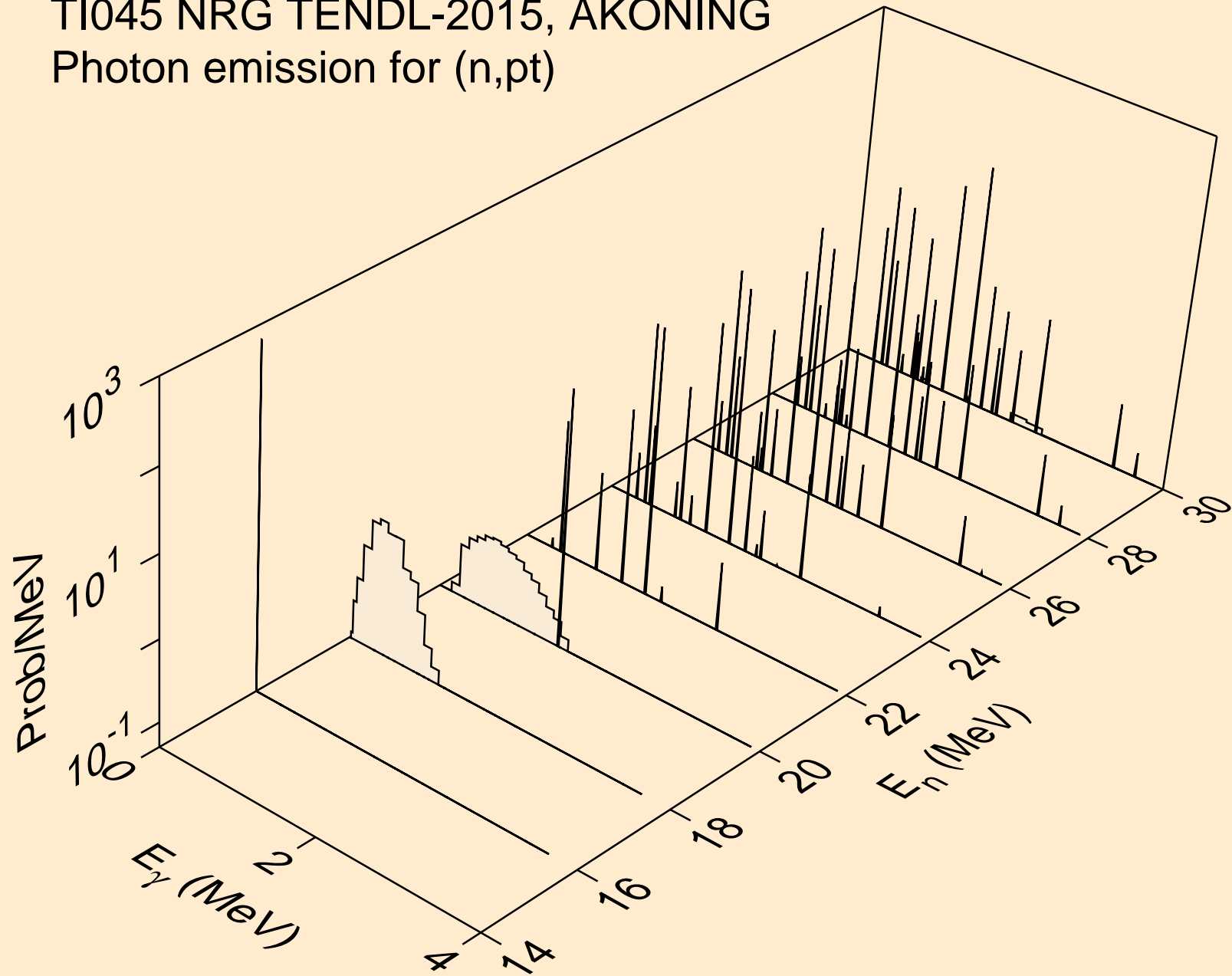
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



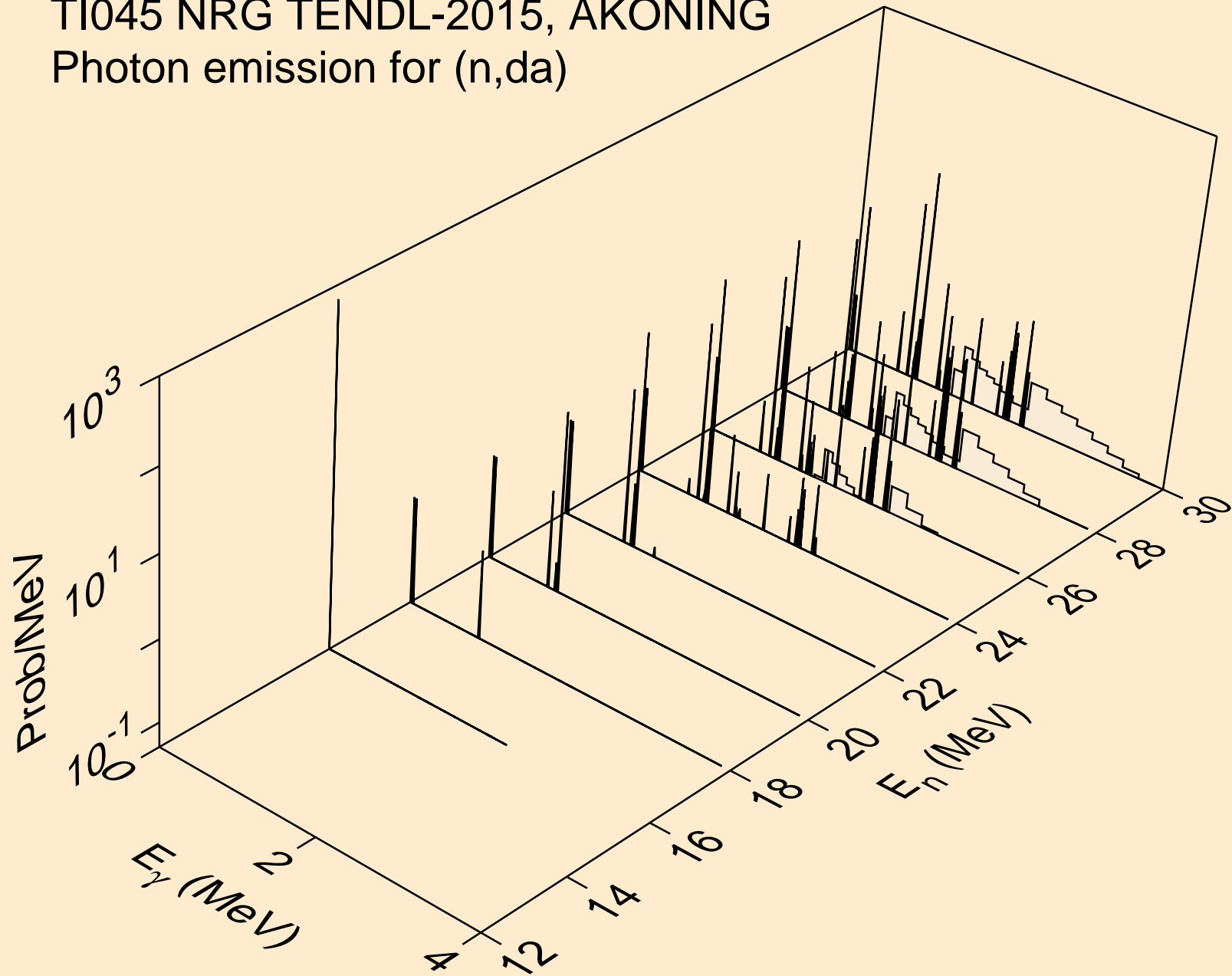
TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

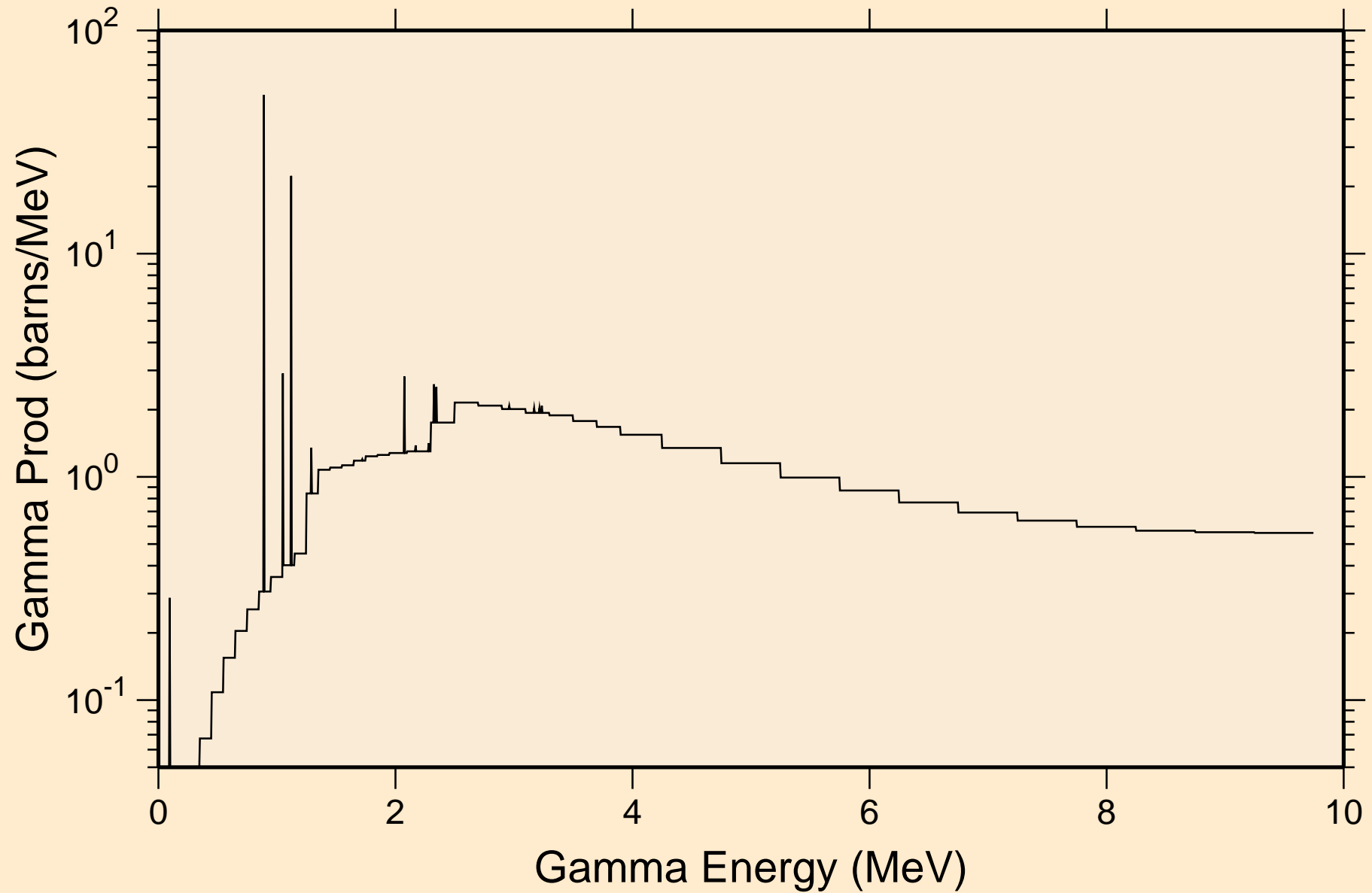


TI045 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

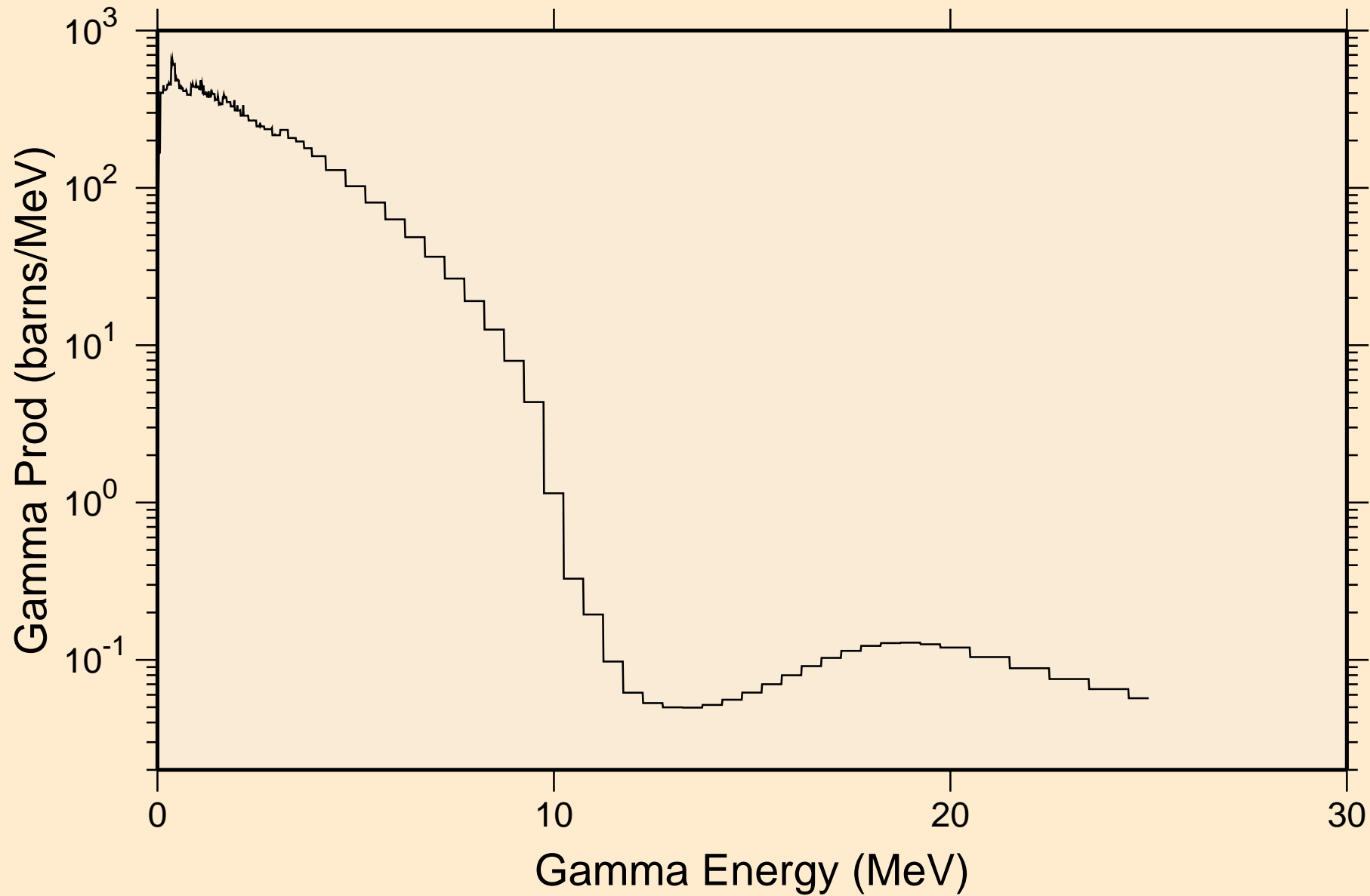




TI045 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

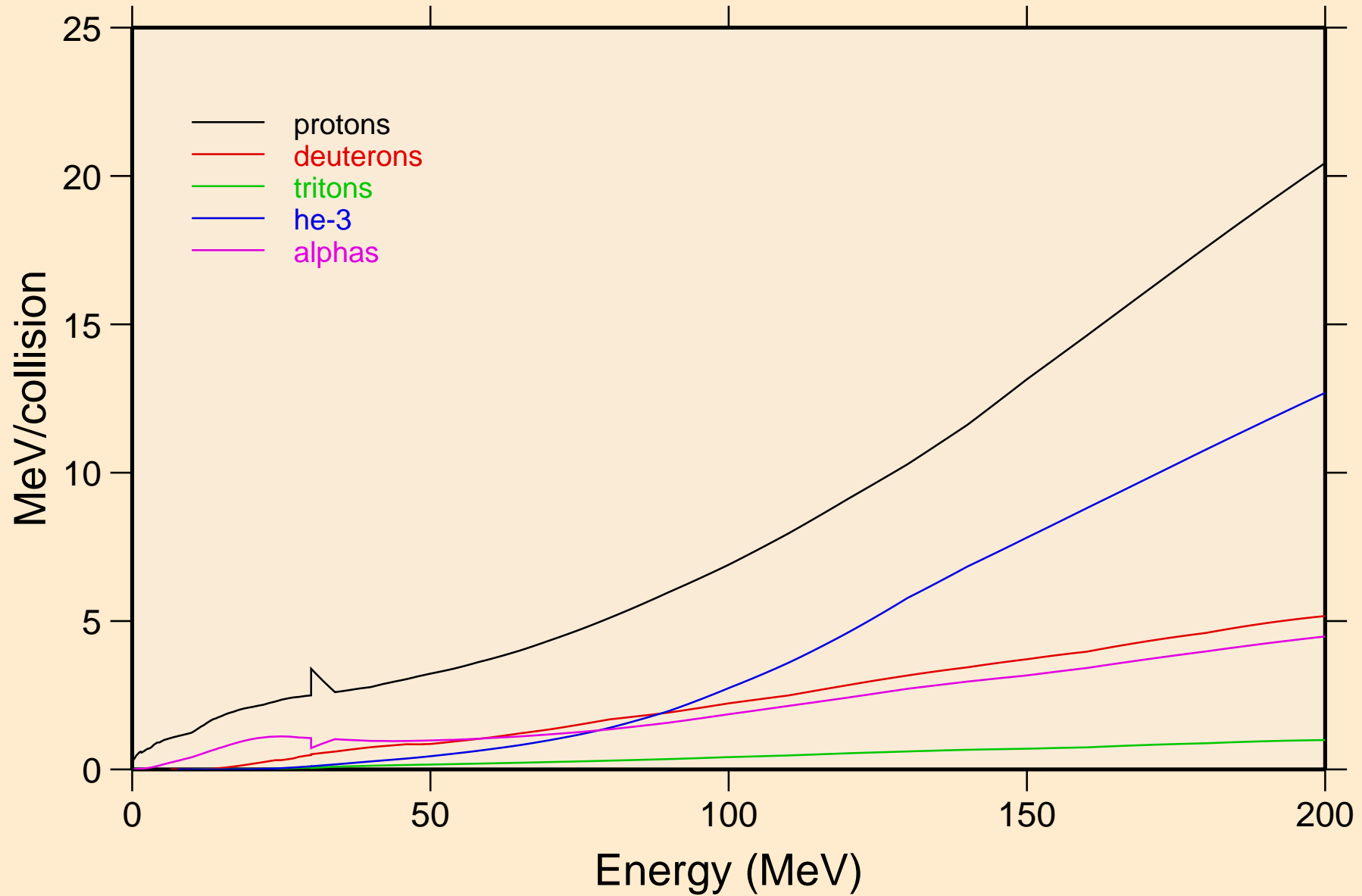


TI045 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



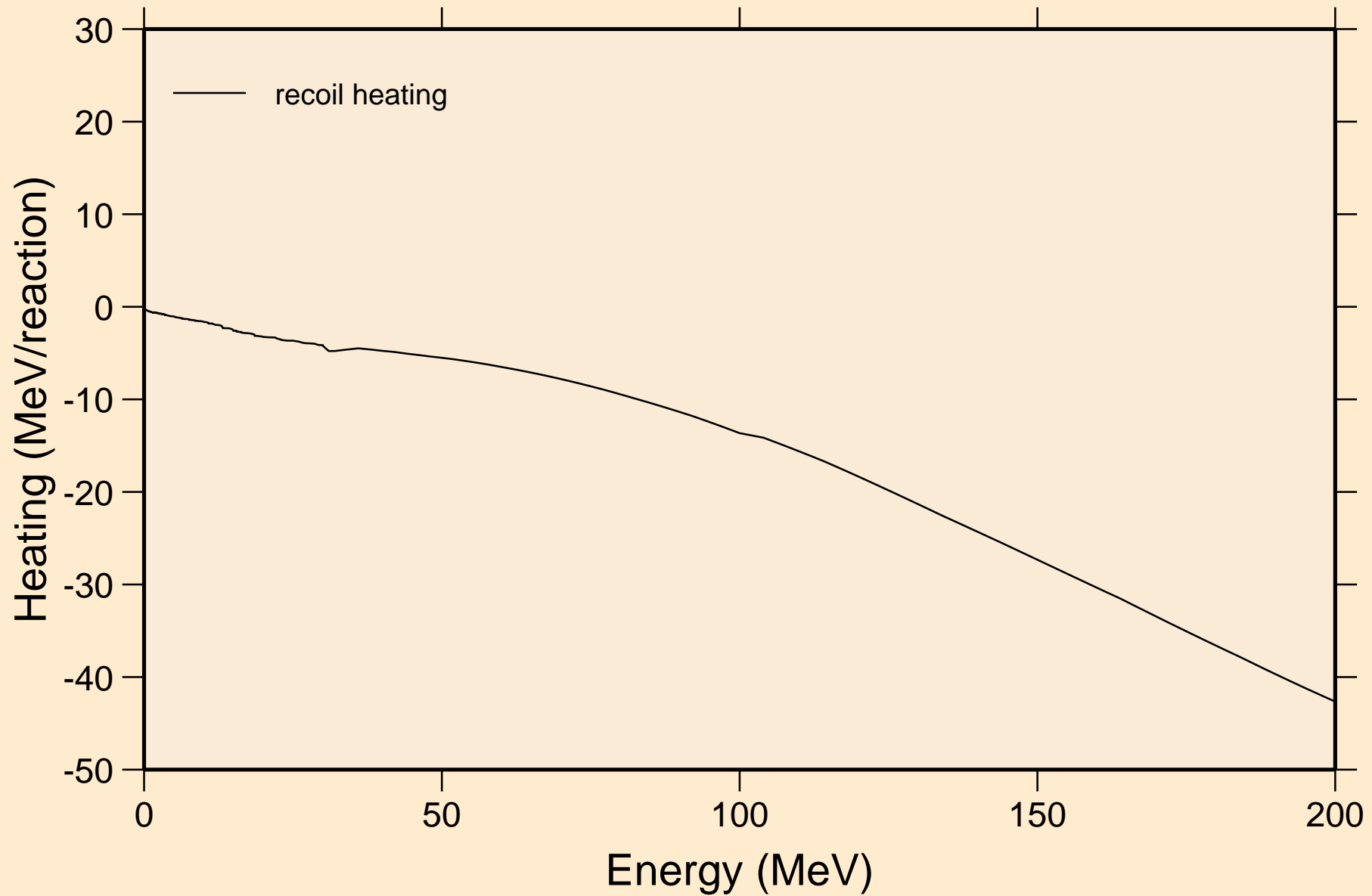
# TI045 NRG TENDL-2015, AKONING

## Particle heating contributions



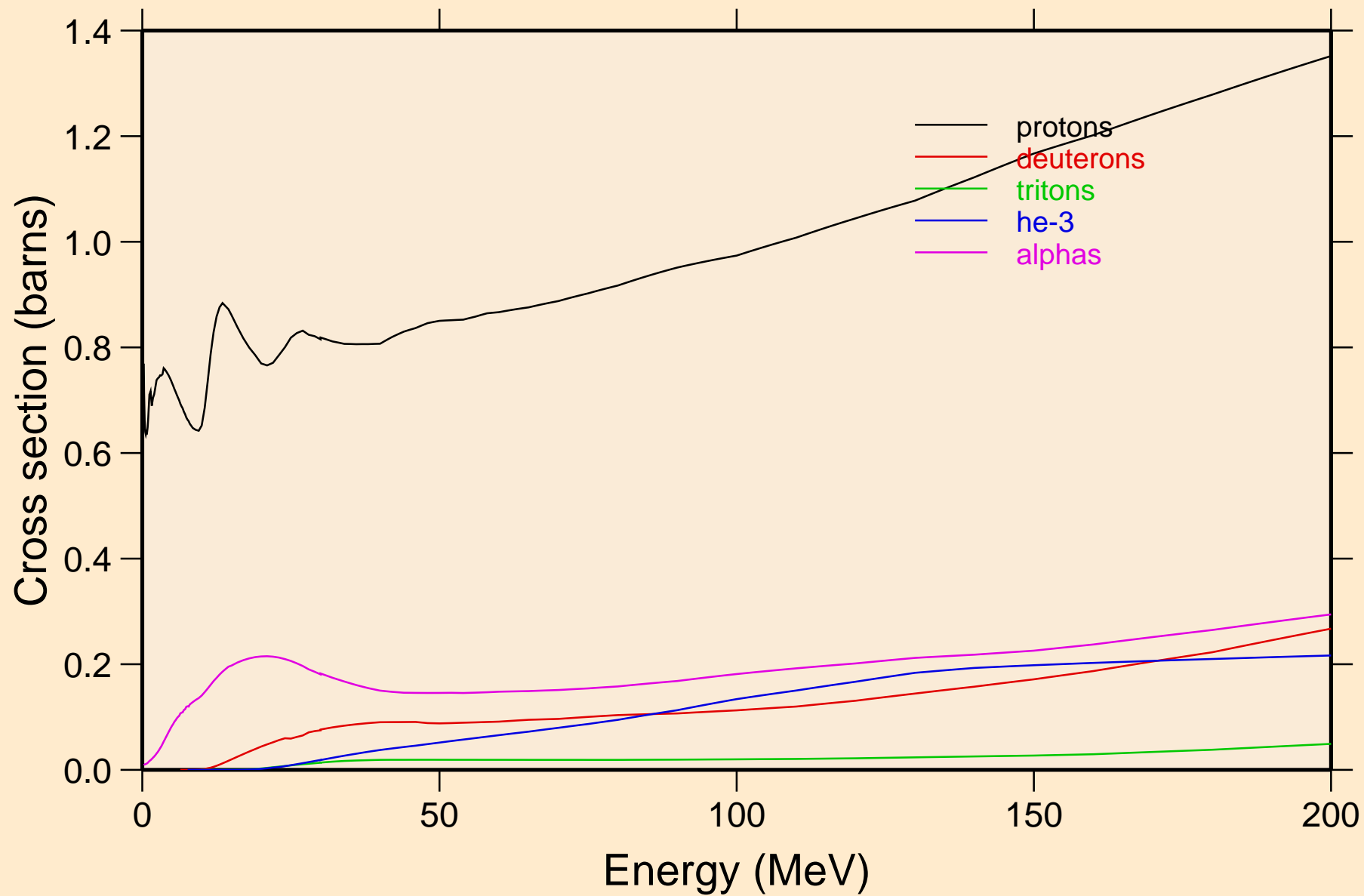
# TI045 NRG TENDL-2015, AKONING

## Recoil Heating

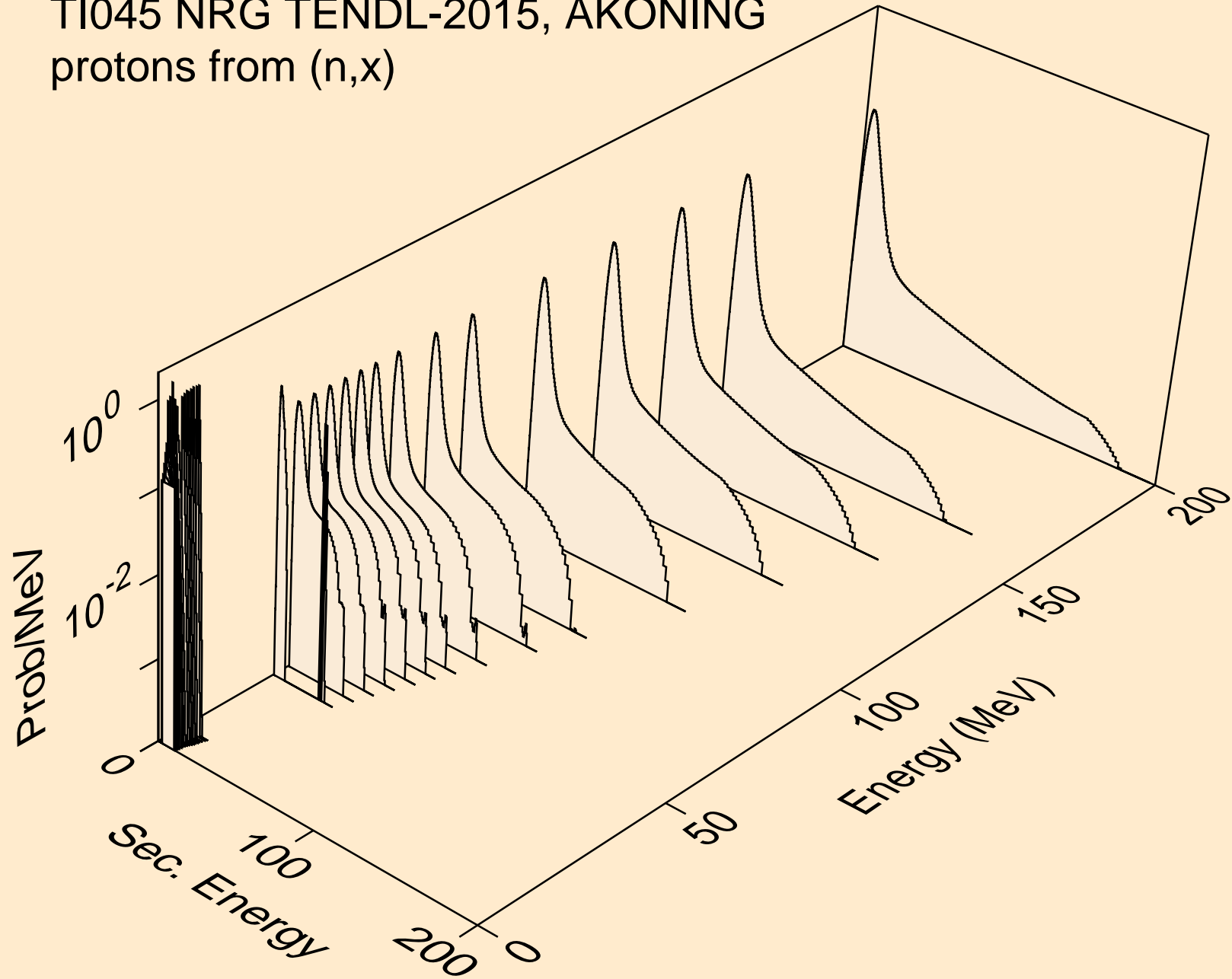


# TI045 NRG TENDL-2015, AKONING

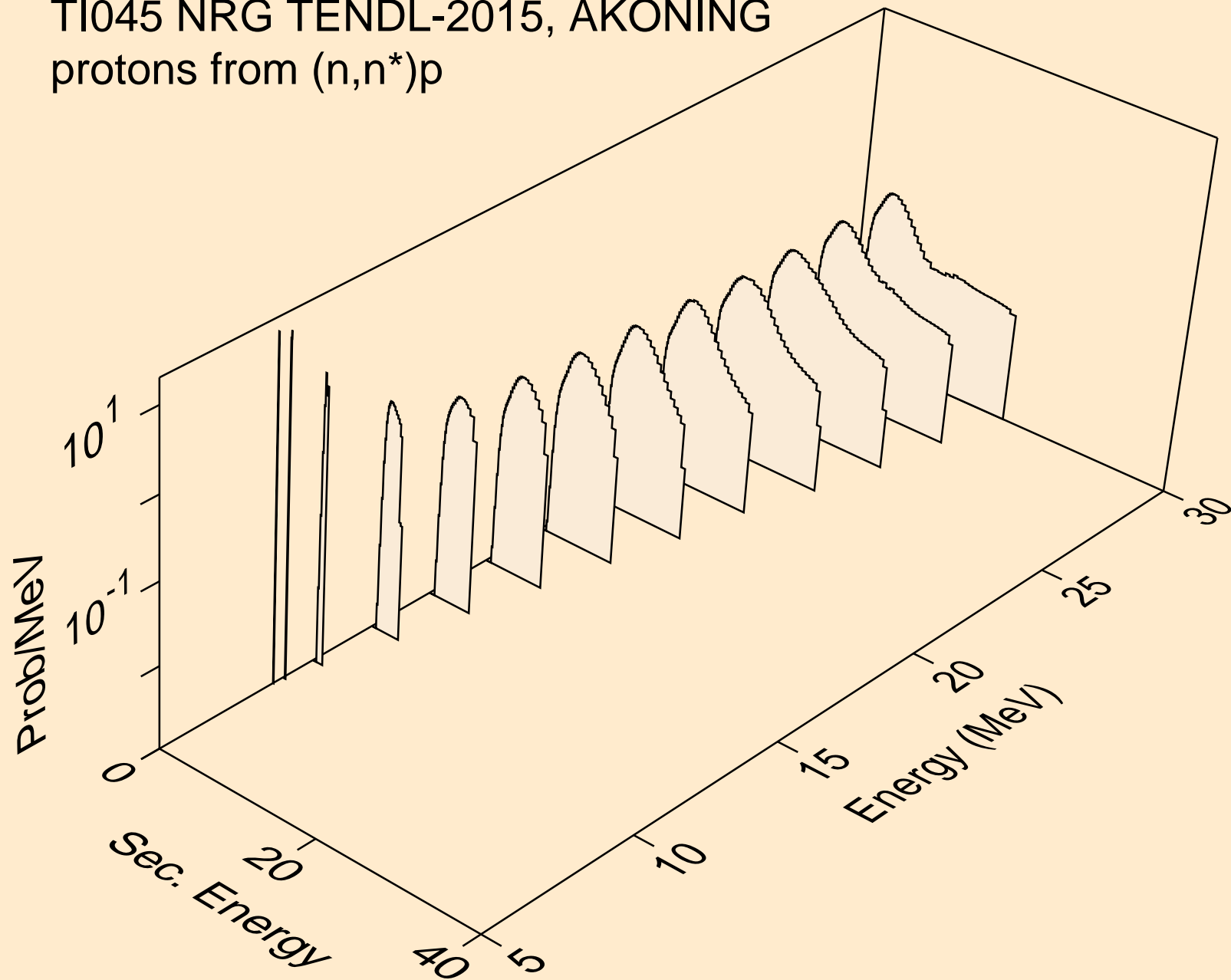
## Particle production cross sections



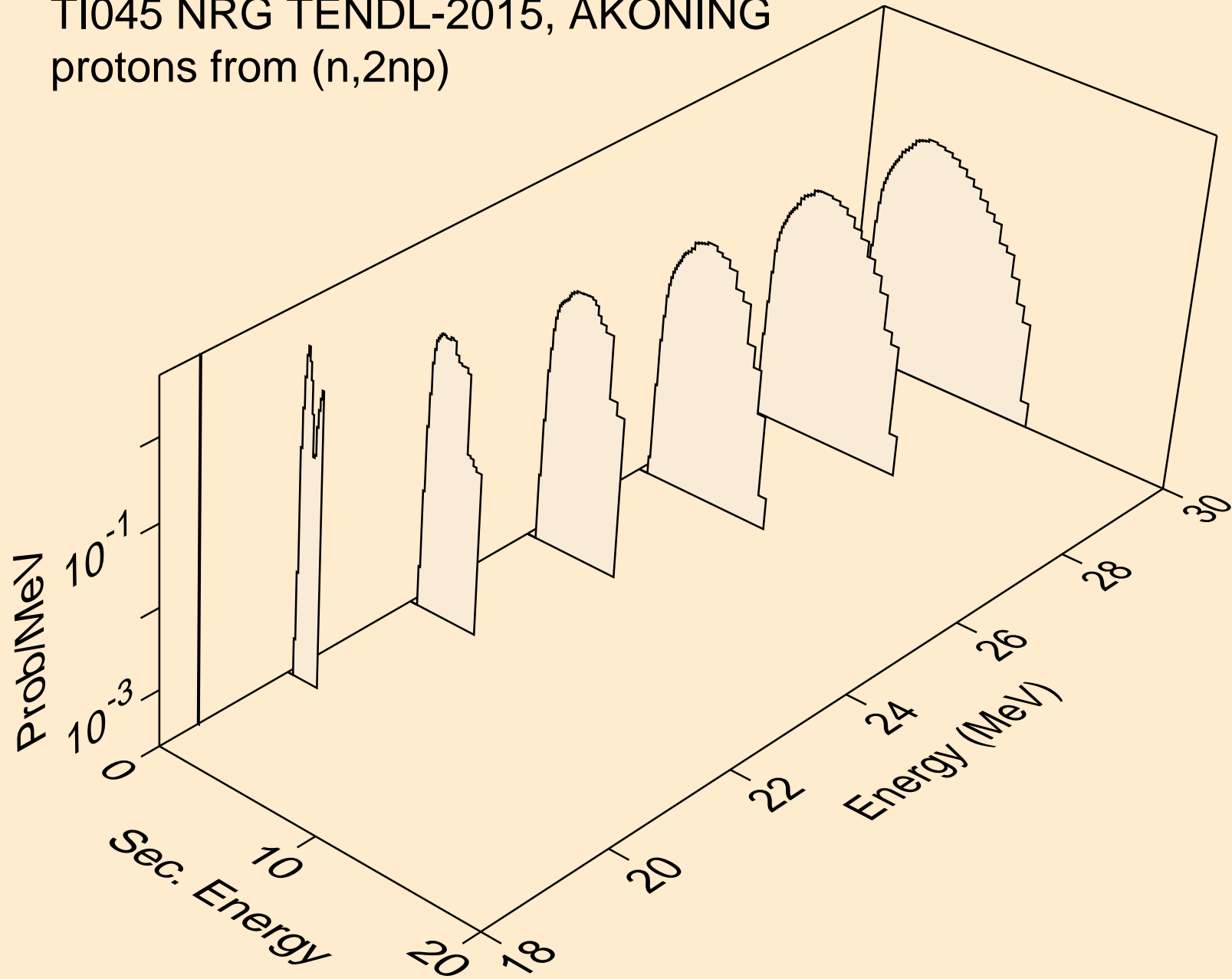
TI045 NRG TENDL-2015, AKONING  
protons from (n,x)



TI045 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

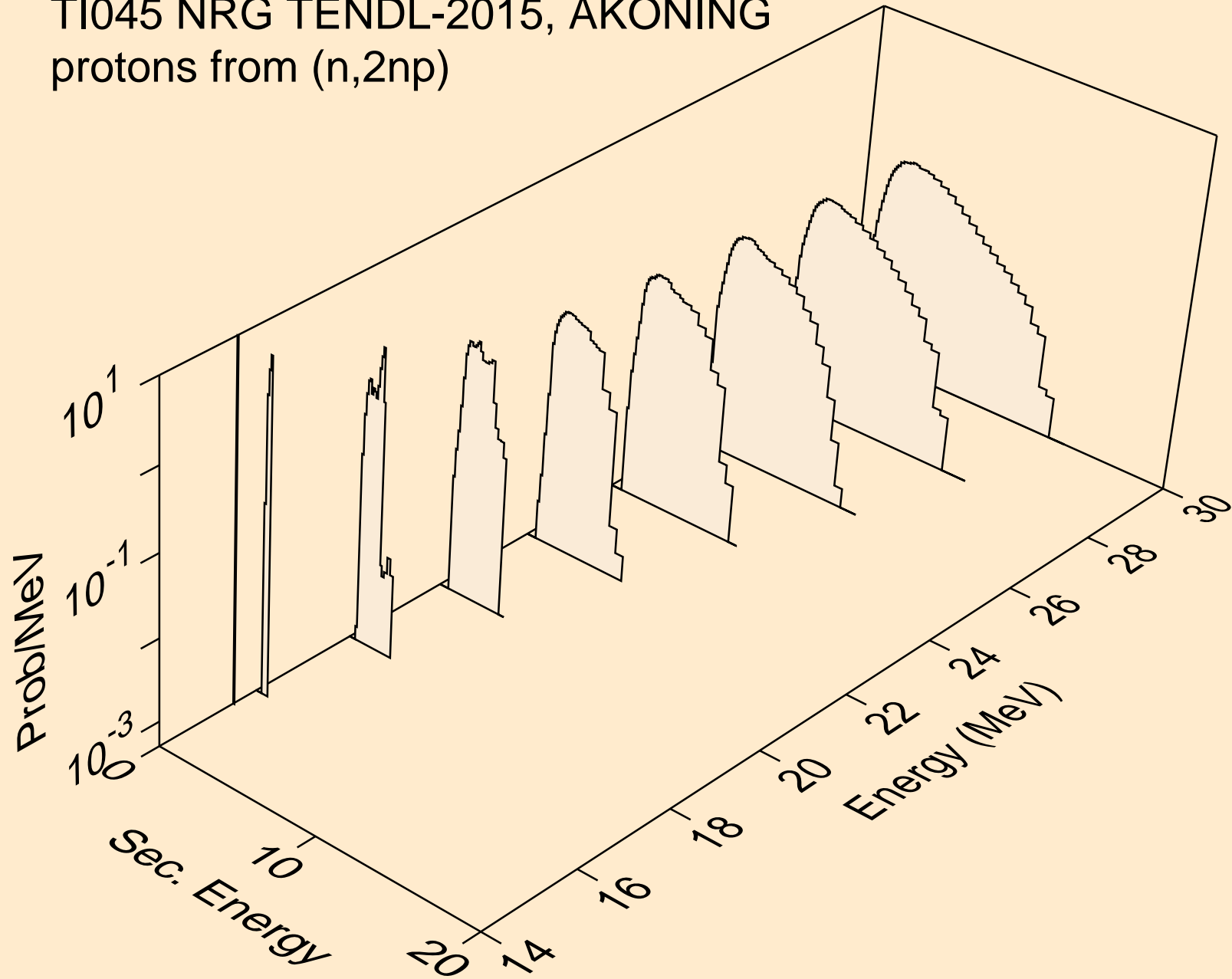


TI045 NRG TENDL-2015, AKONING  
protons from (n,2np)

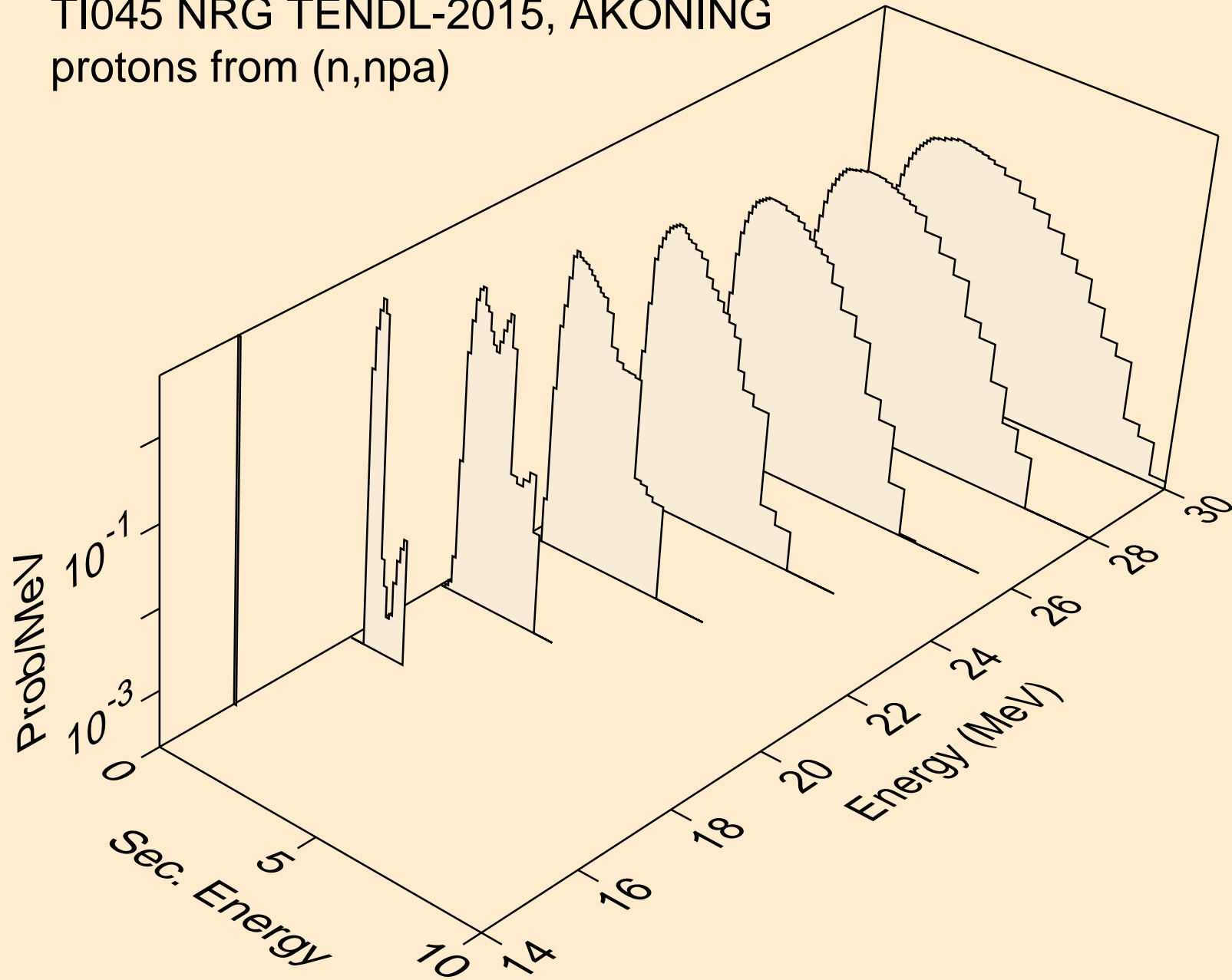




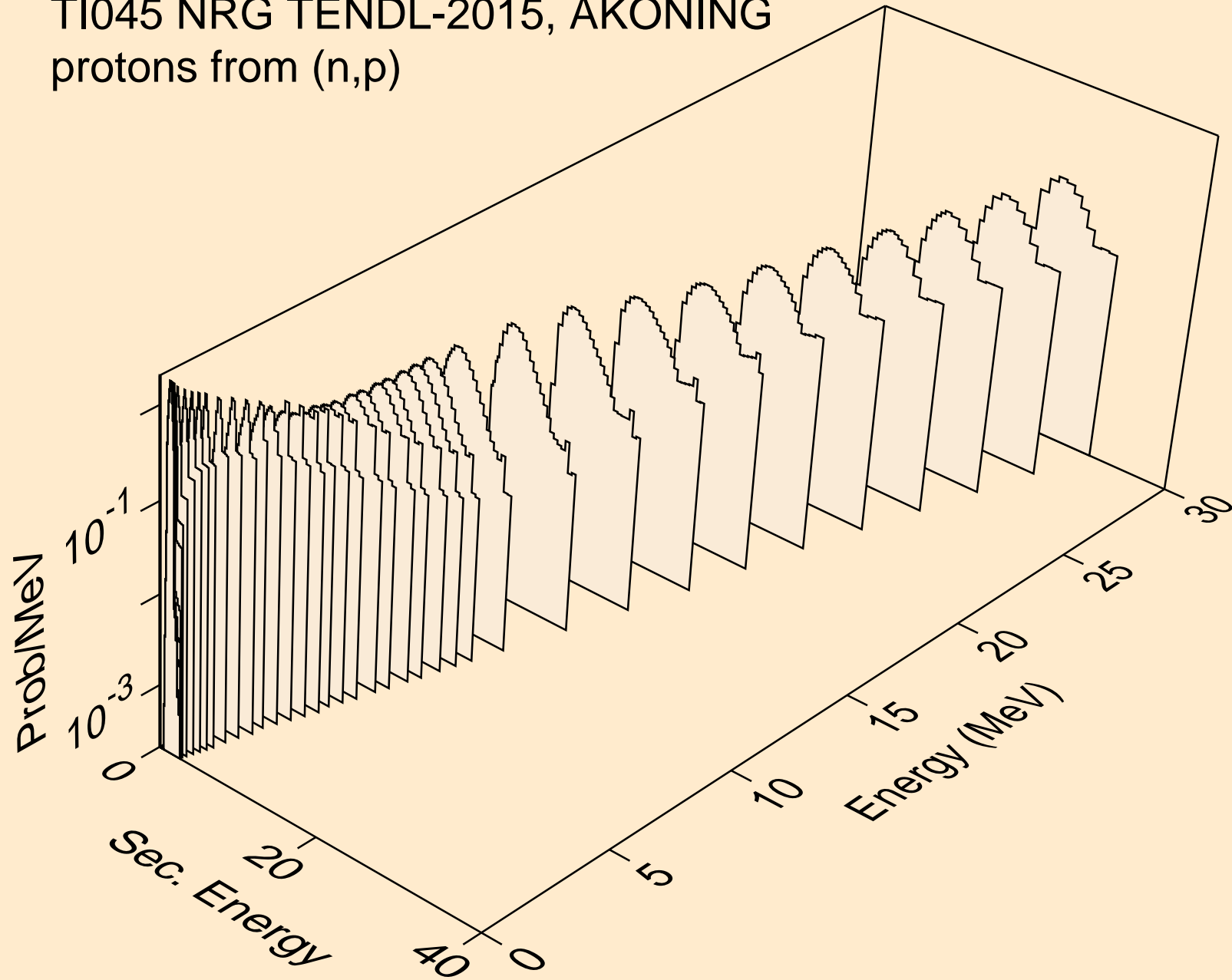
TI045 NRG TENDL-2015, AKONING  
protons from (n,2np)



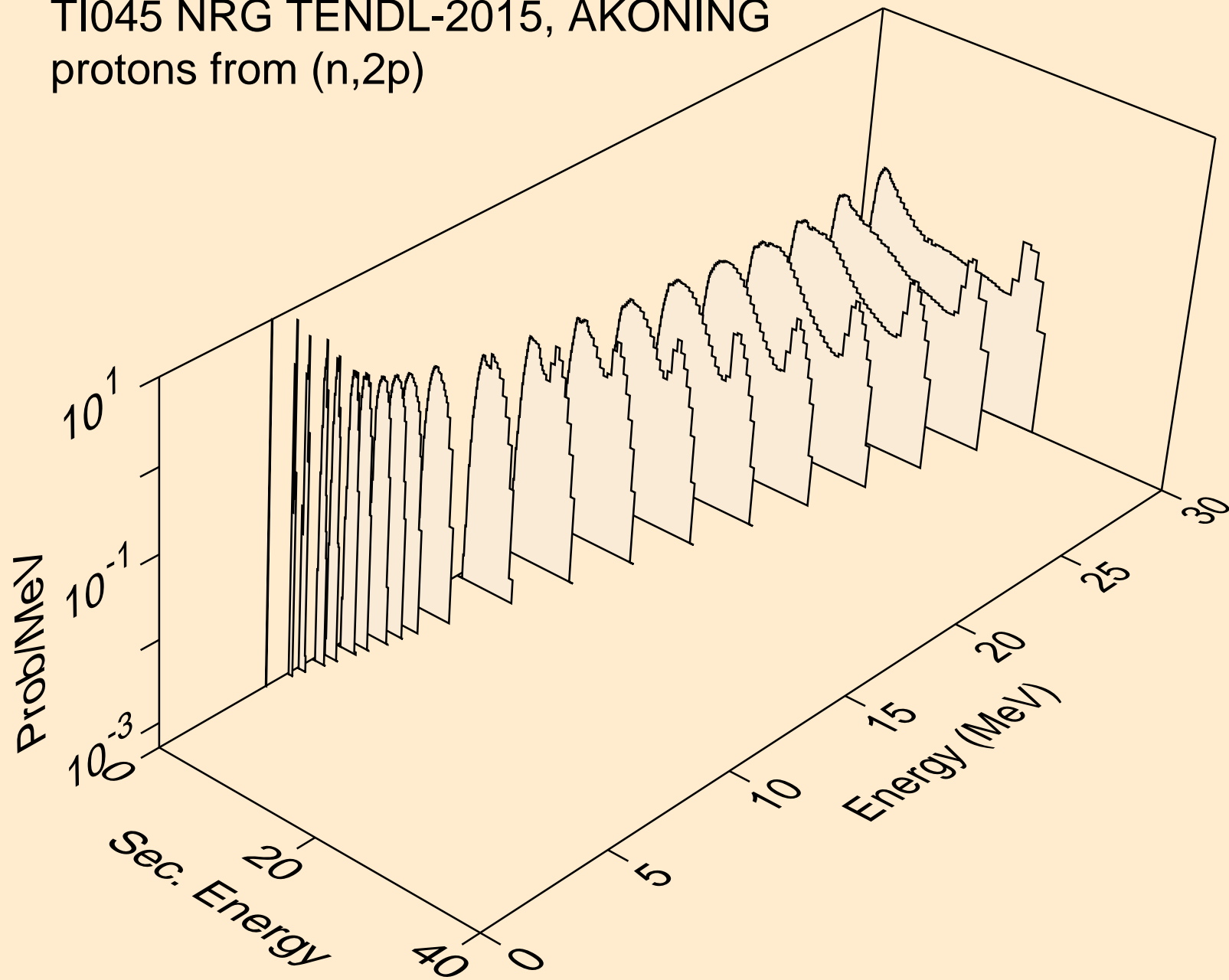
TI045 NRG TENDL-2015, AKONING  
protons from (n,npa)



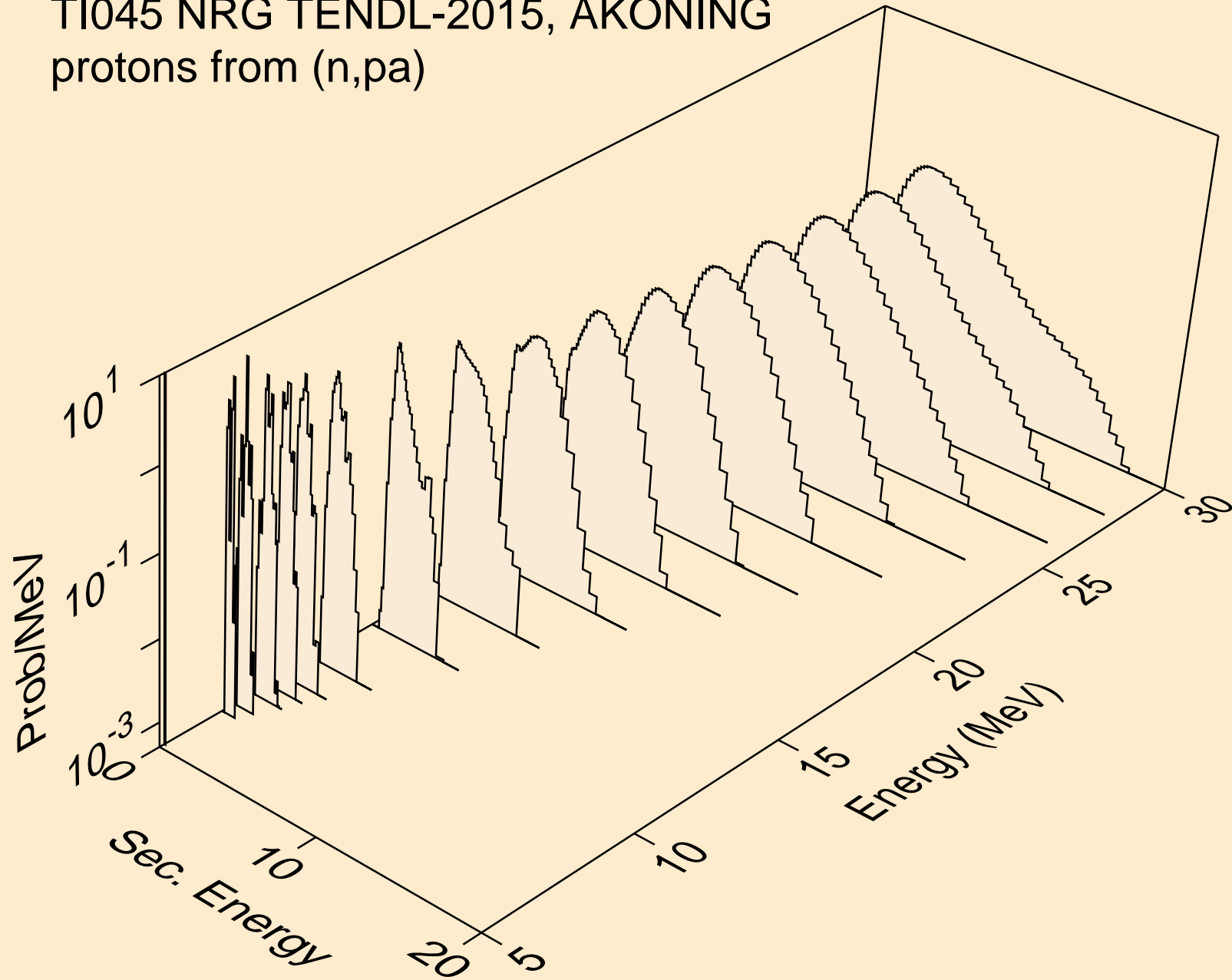
TI045 NRG TENDL-2015, AKONING  
protons from (n,p)



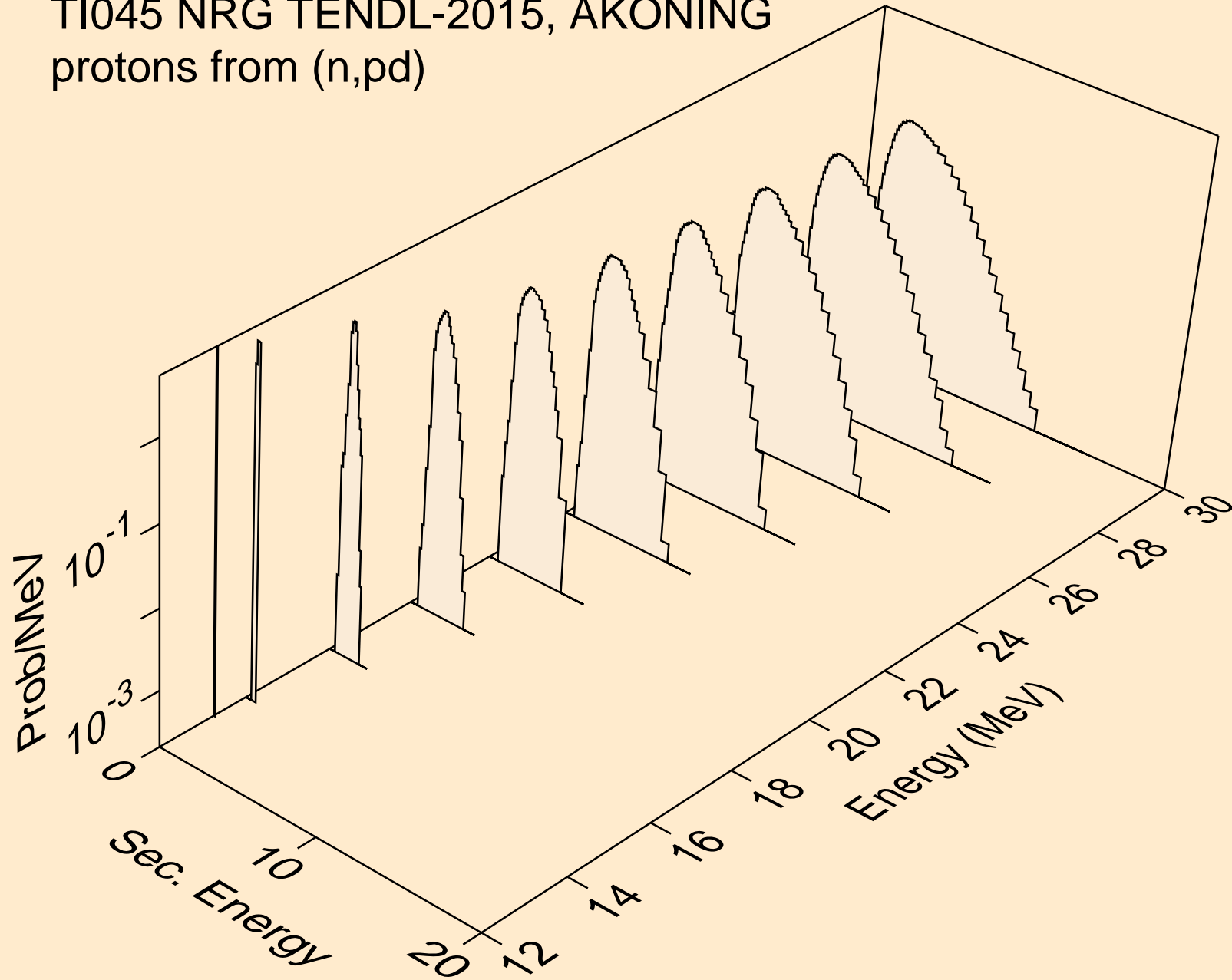
TI045 NRG TENDL-2015, AKONING  
protons from (n,2p)



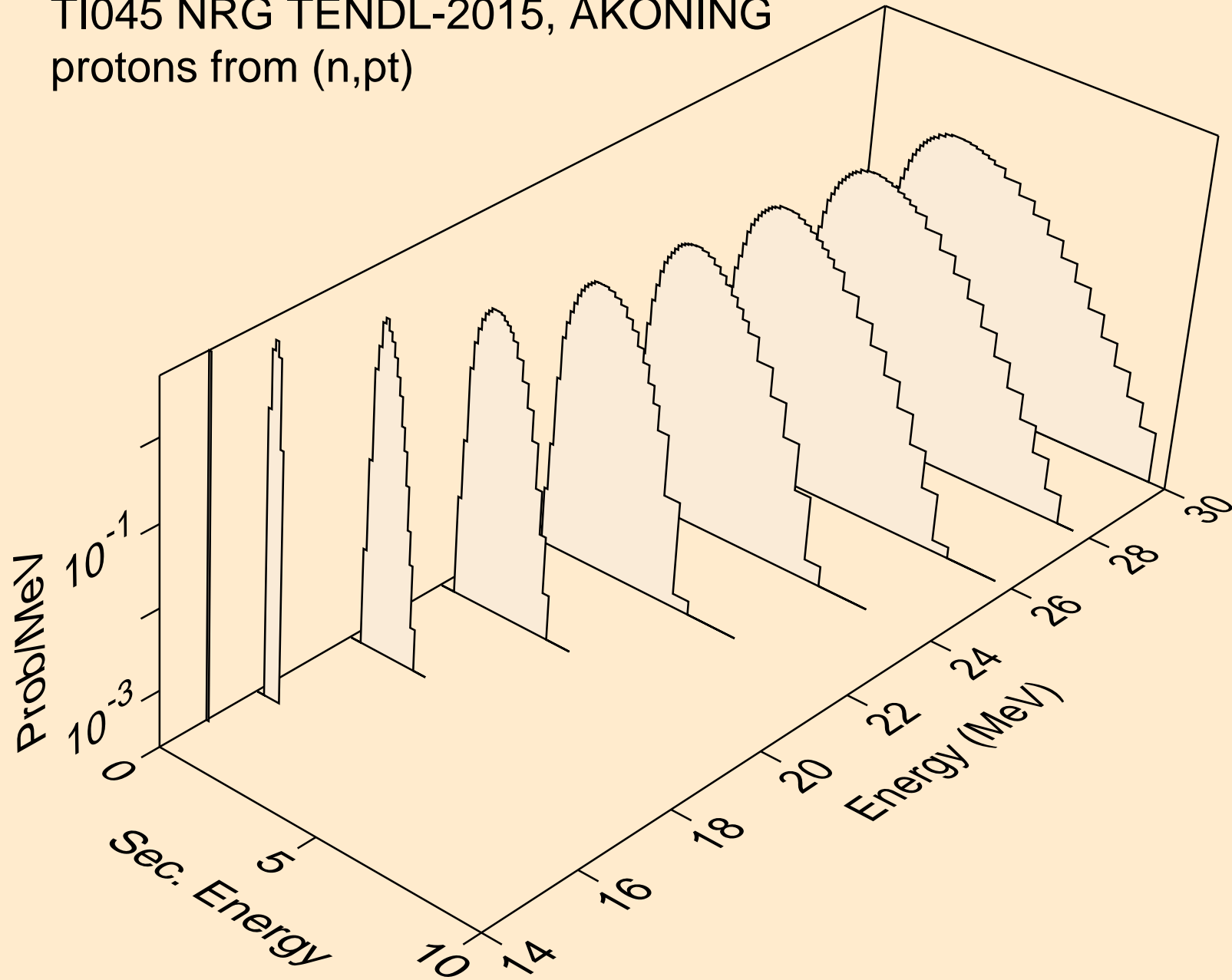
TI045 NRG TENDL-2015, AKONING  
protons from (n,pa)



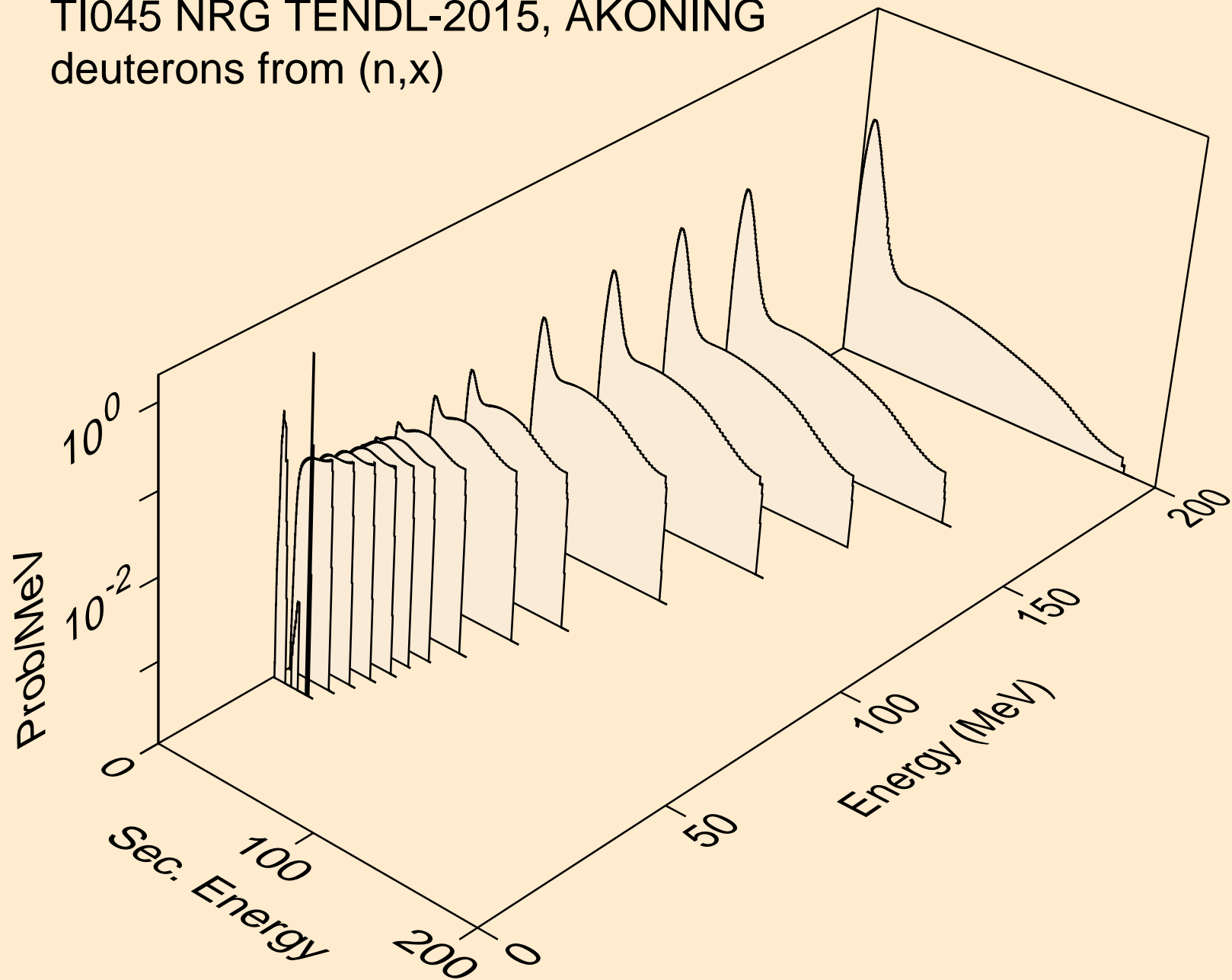
TI045 NRG TENDL-2015, AKONING  
protons from (n,pd)



TI045 NRG TENDL-2015, AKONING  
protons from (n,pt)

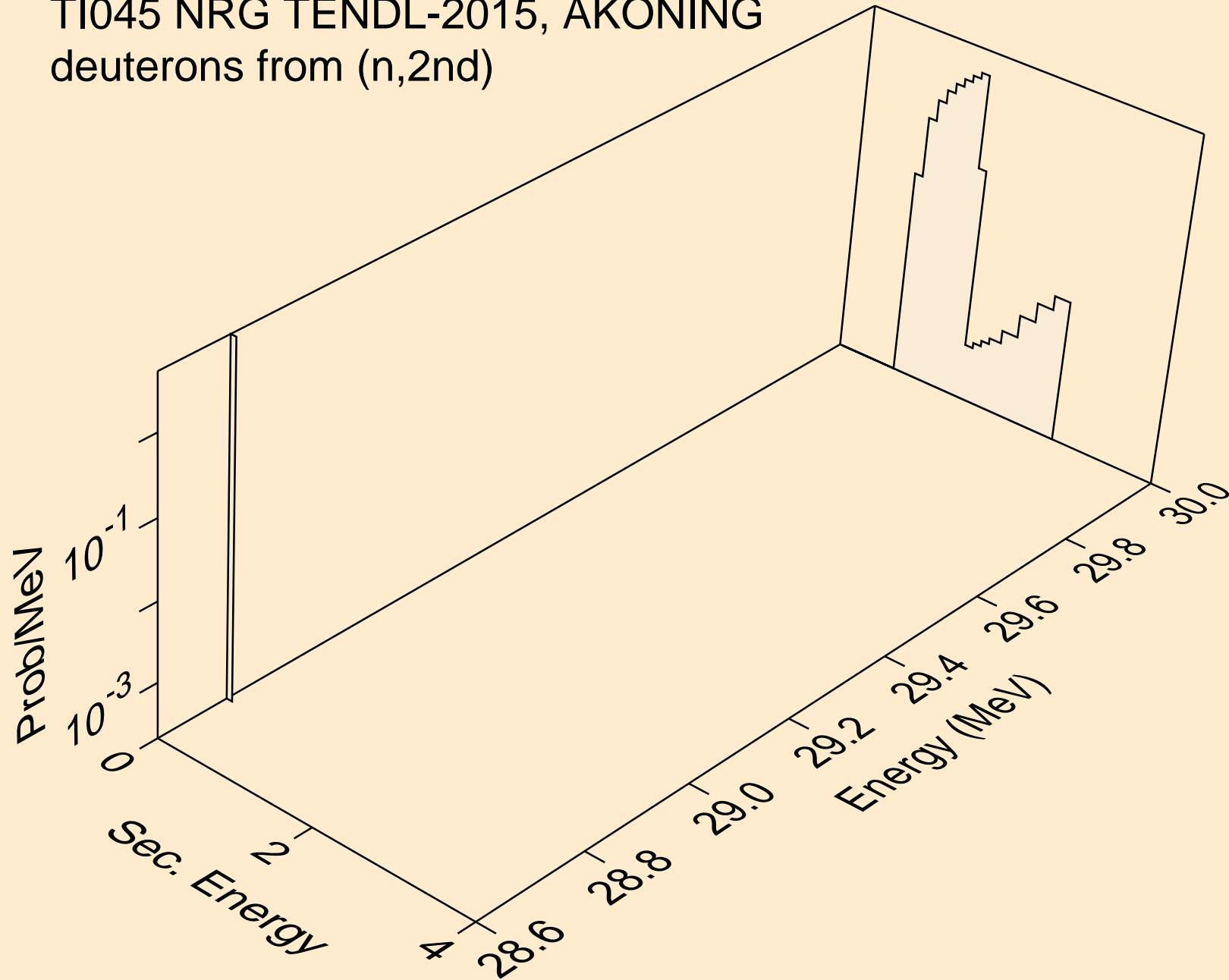


TI045 NRG TENDL-2015, AKONING  
deuterons from (n,x)

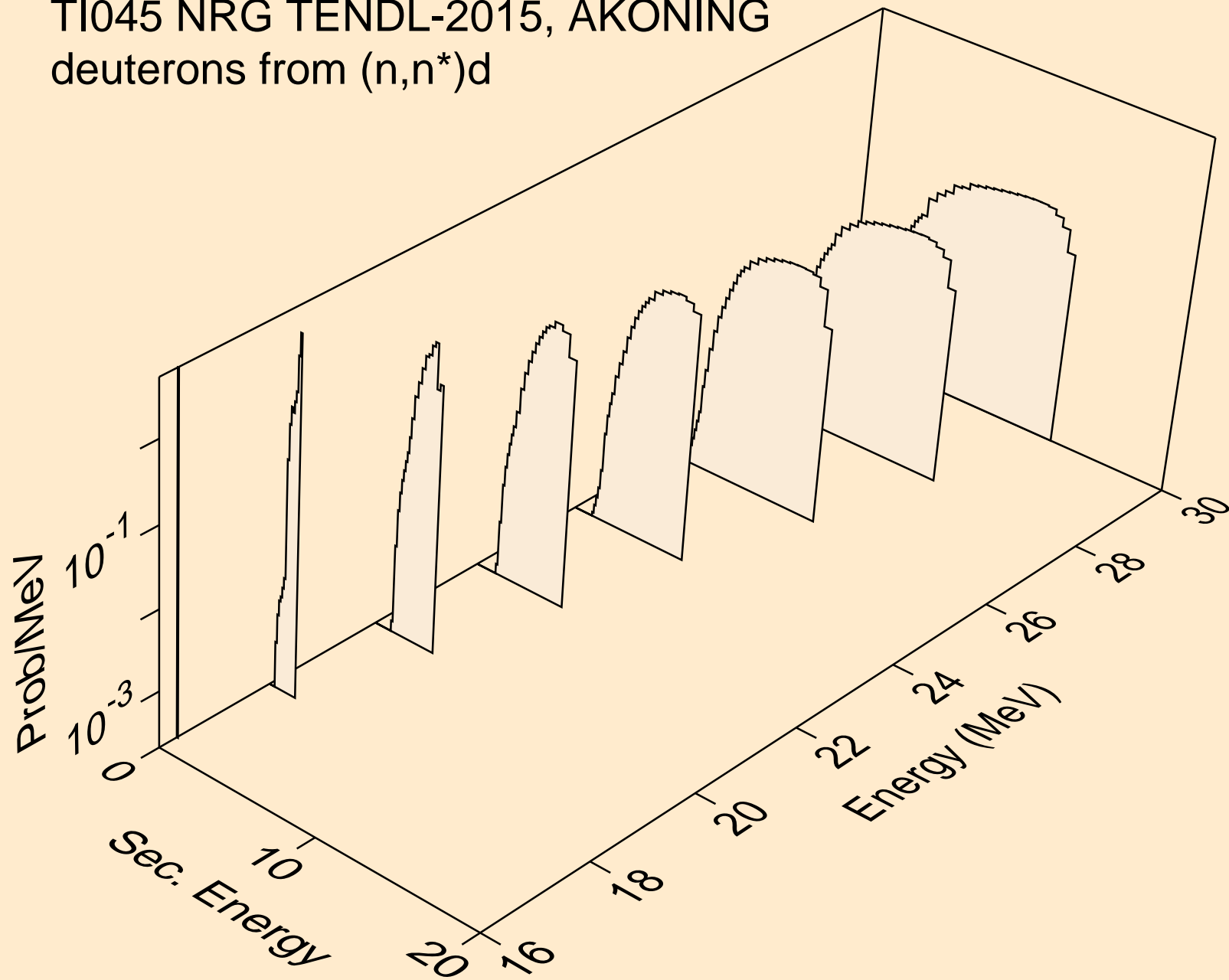




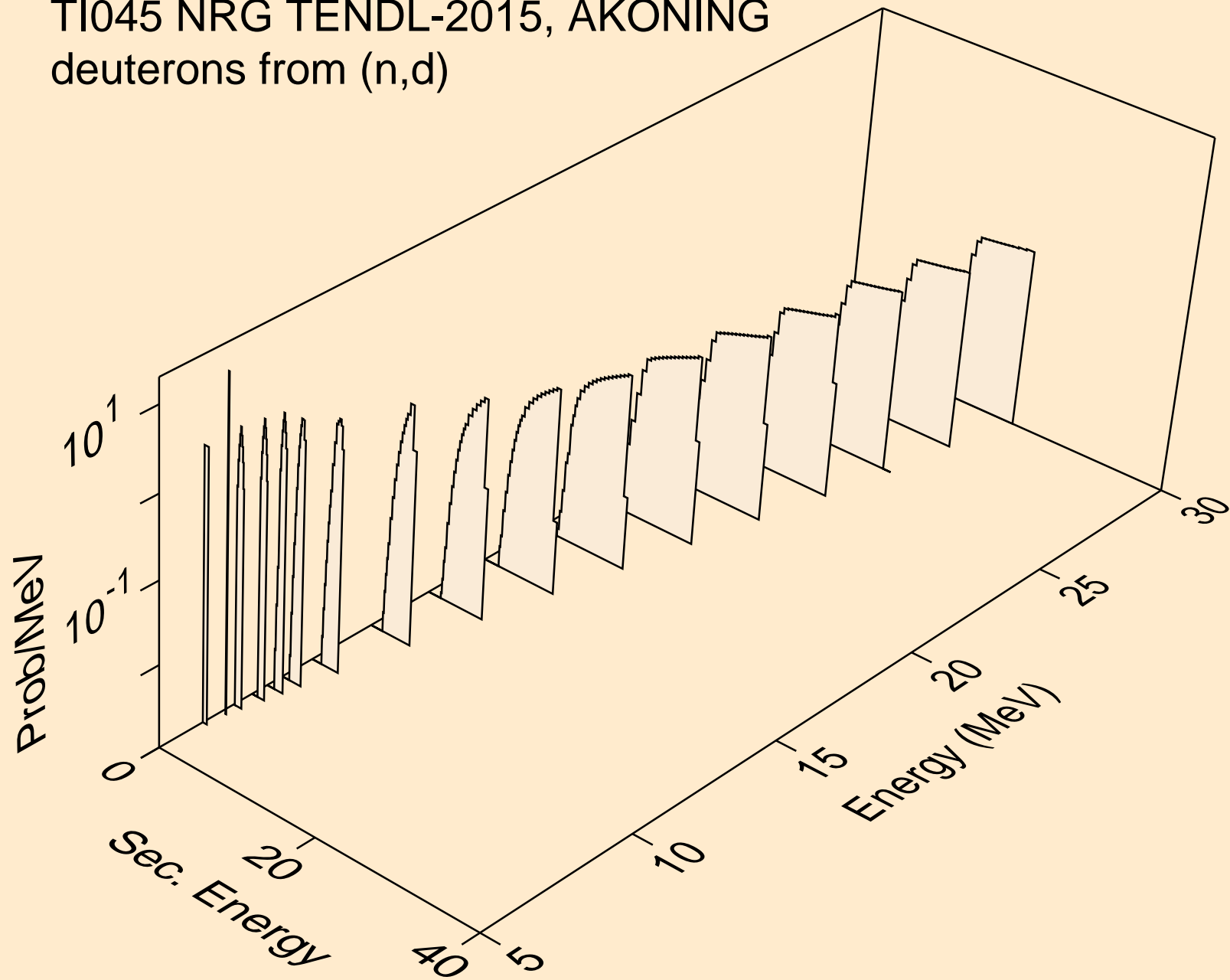
TI045 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



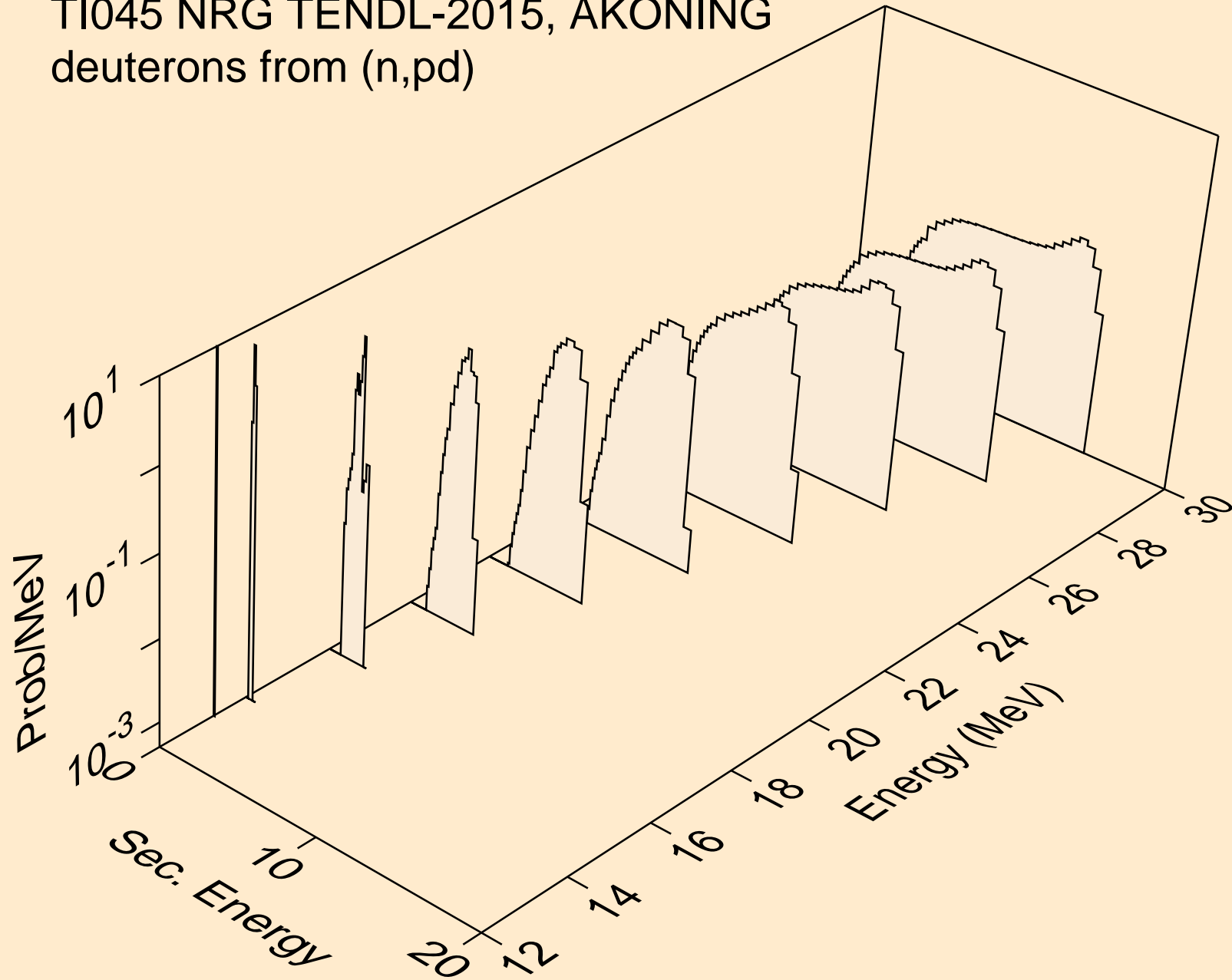
TI045 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



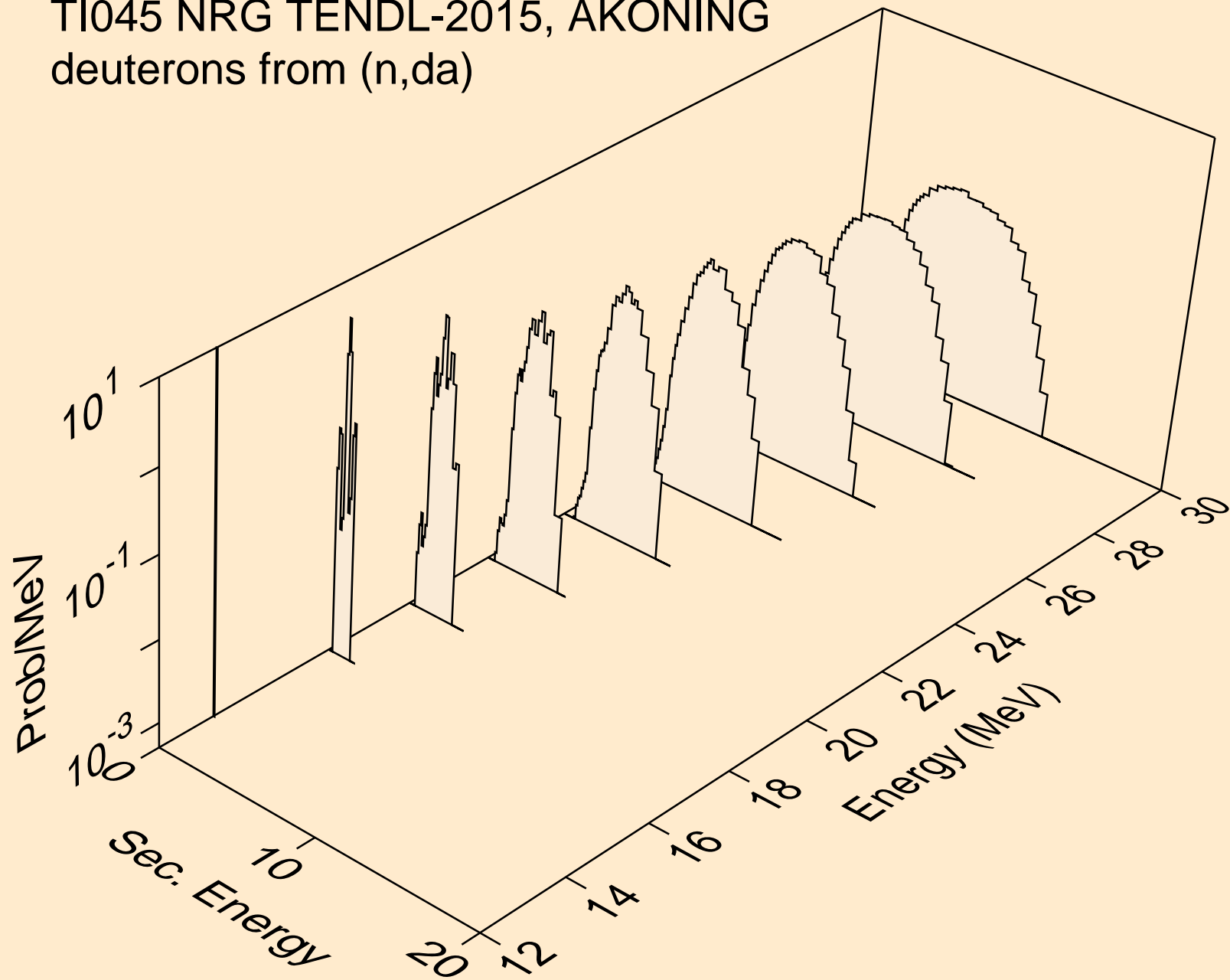
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deuterons from (n,d)



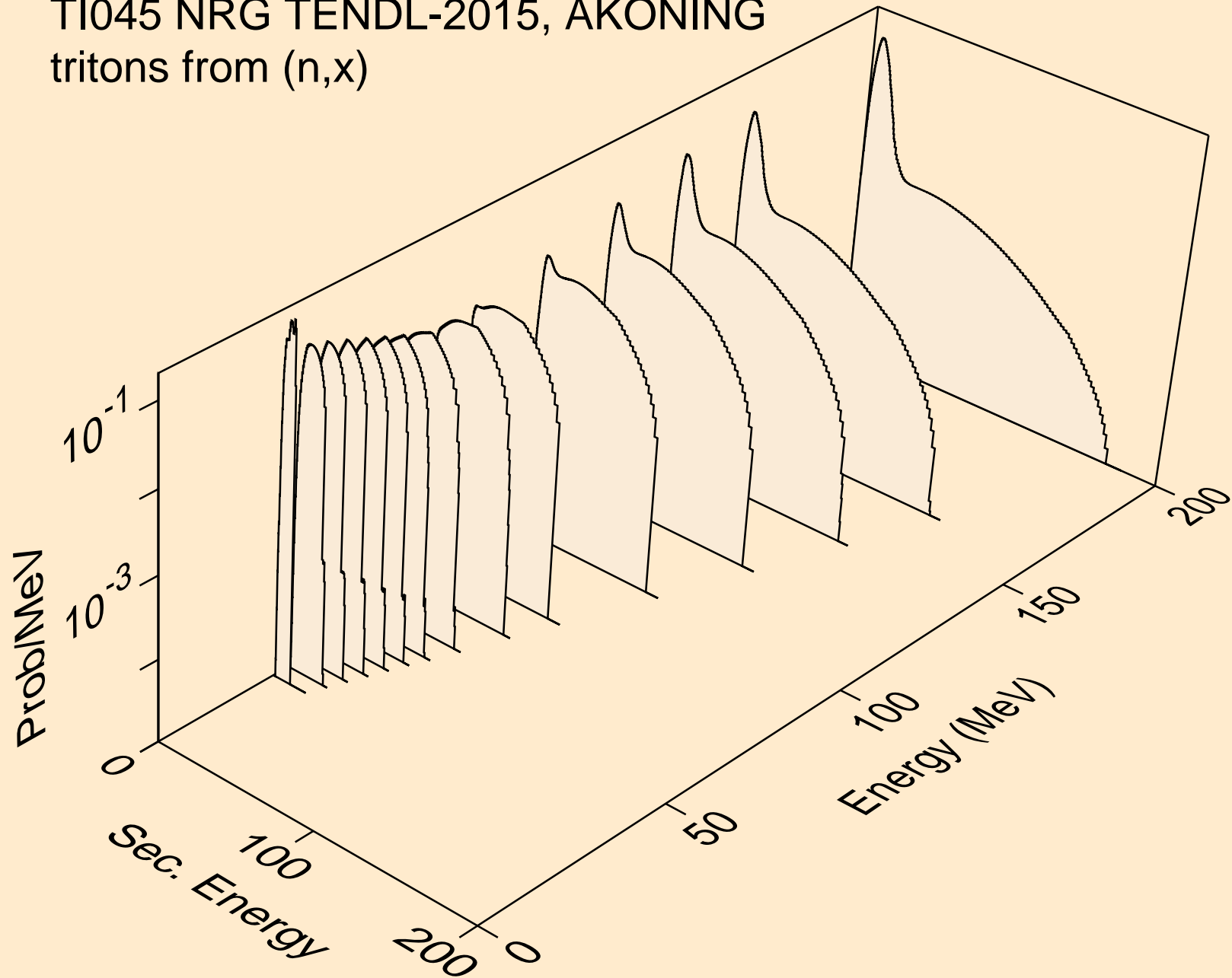
TI045 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



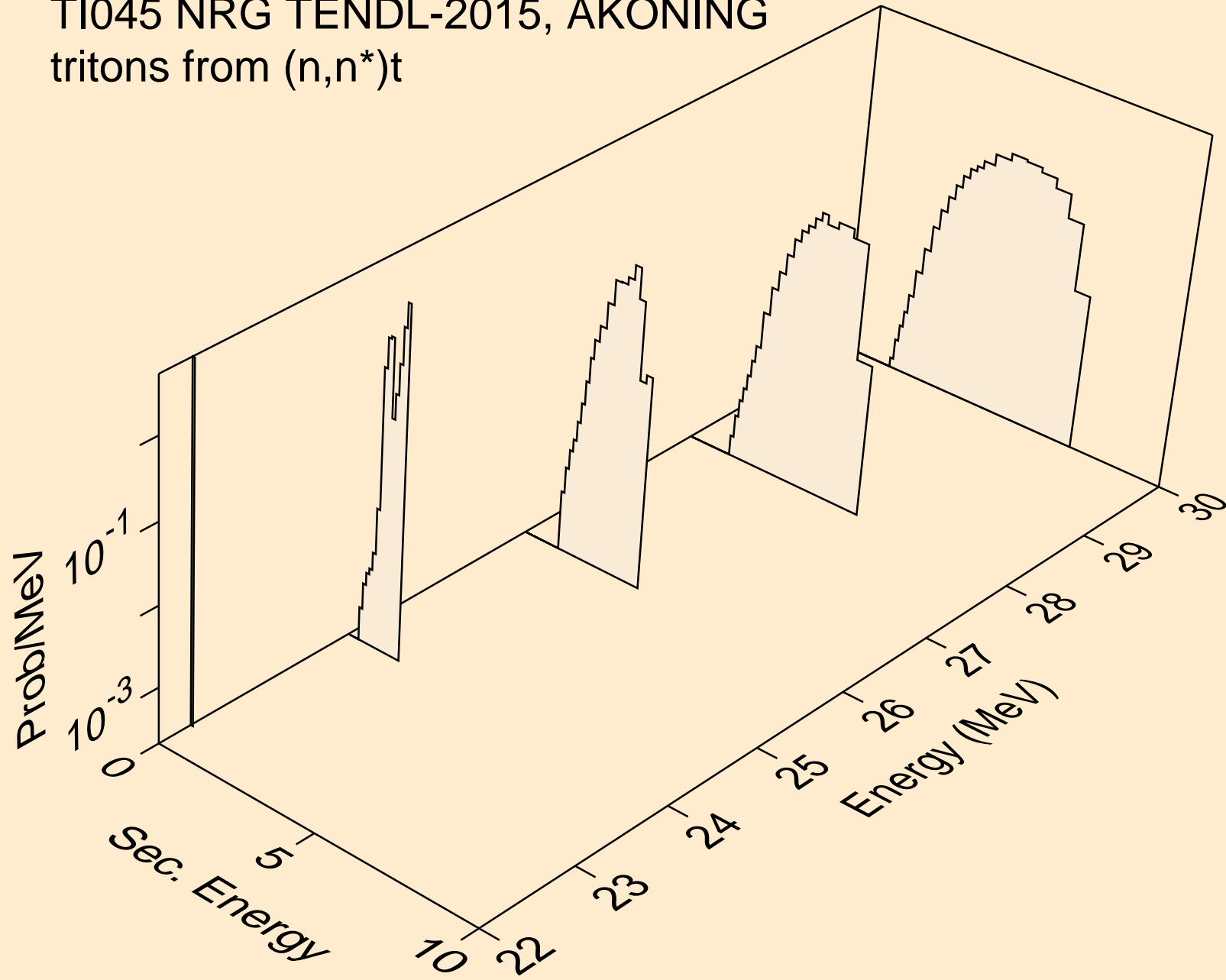
TI045 NRG TENDL-2015, AKONING  
deuterons from (n,da)



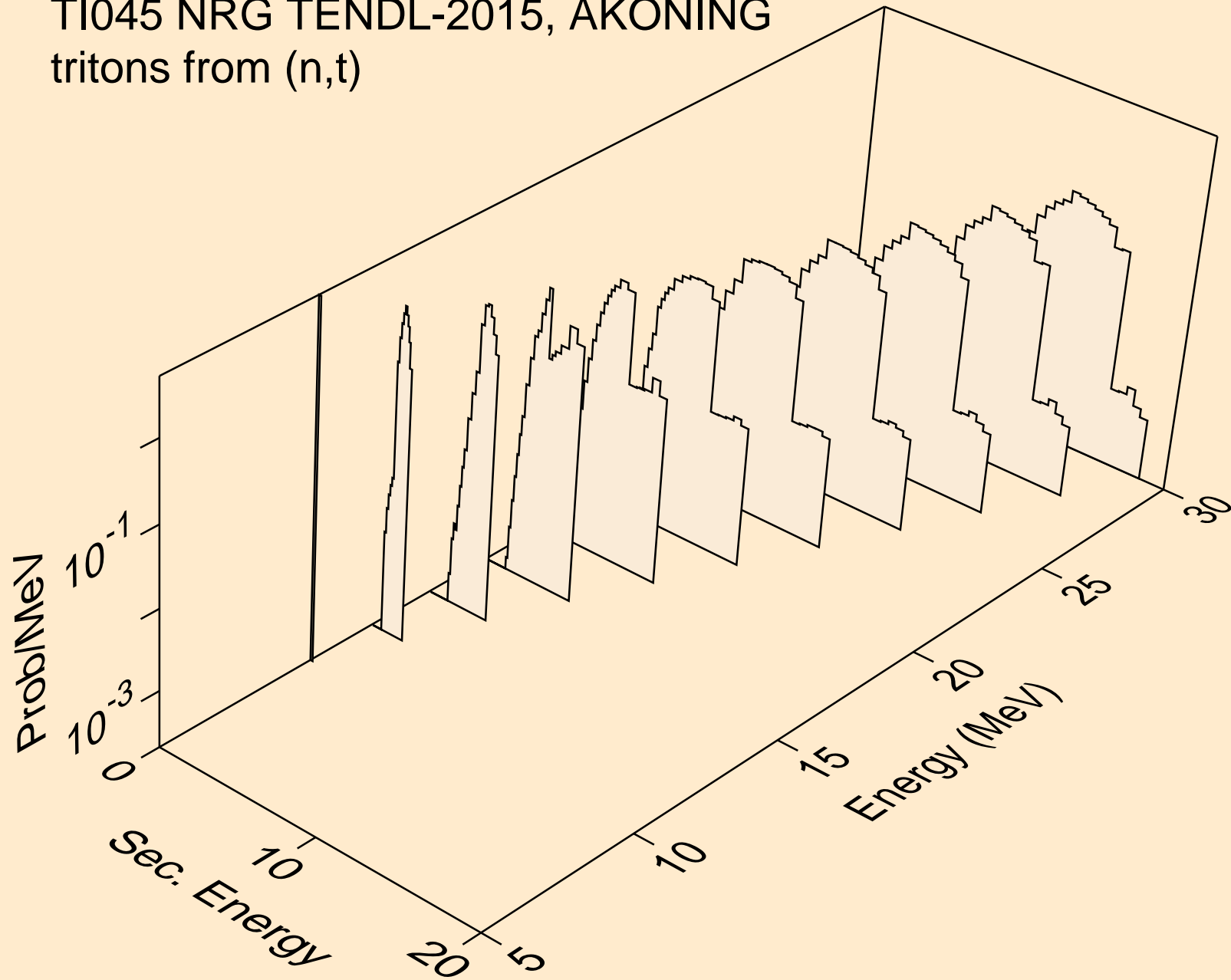
TI045 NRG TENDL-2015, AKONING  
tritons from (n,x)



TI045 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

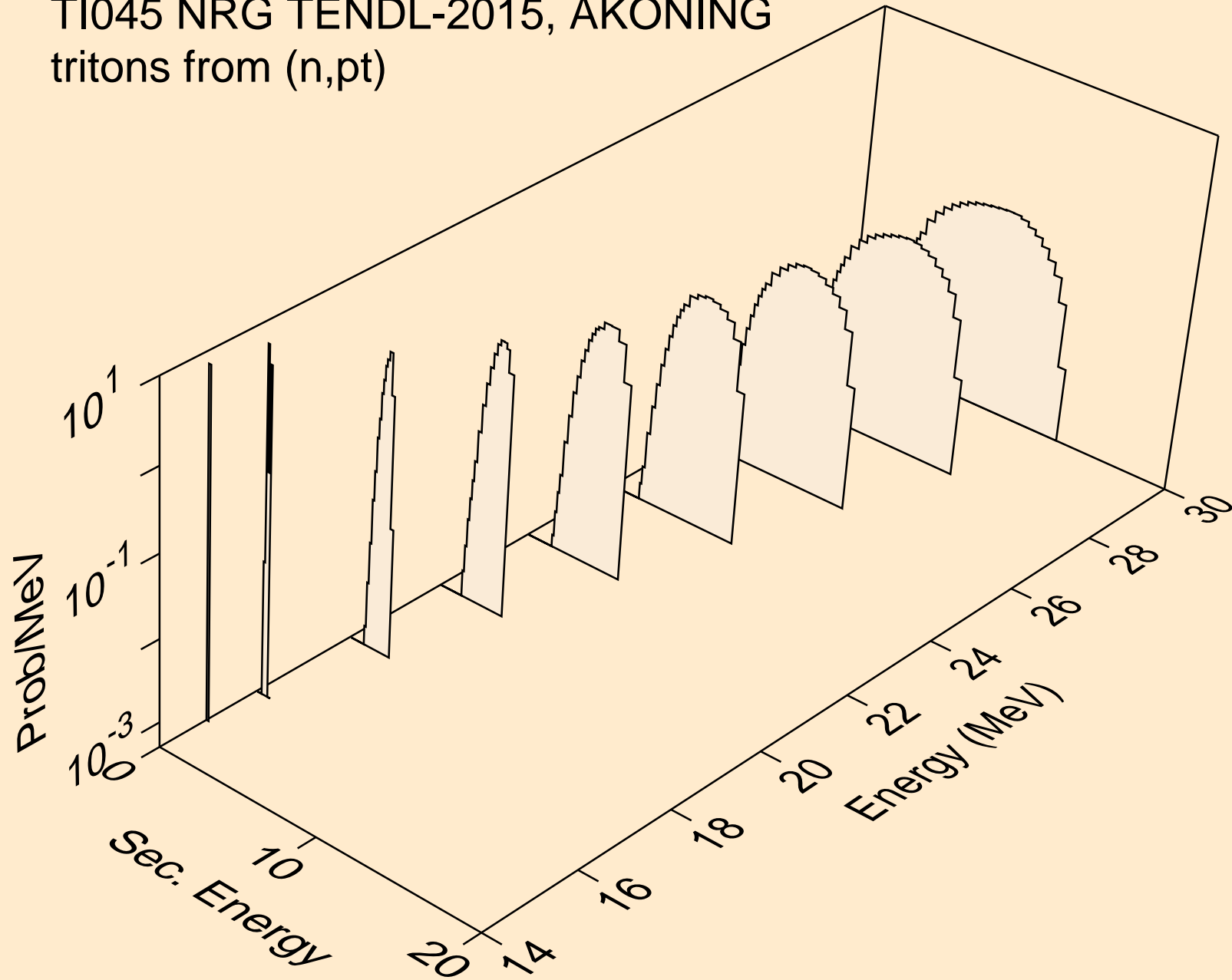


TI045 NRG TENDL-2015, AKONING  
tritons from (n,t)

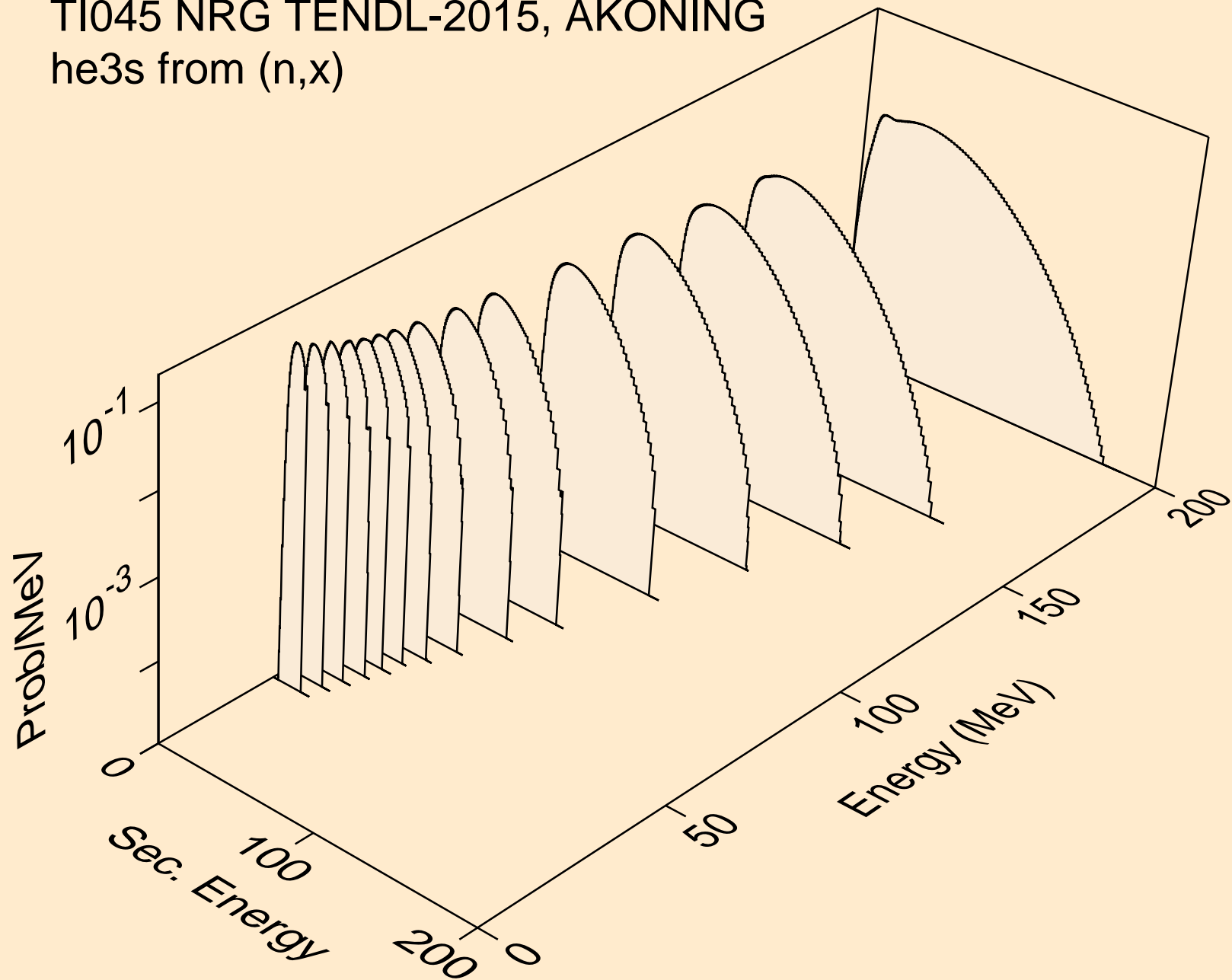




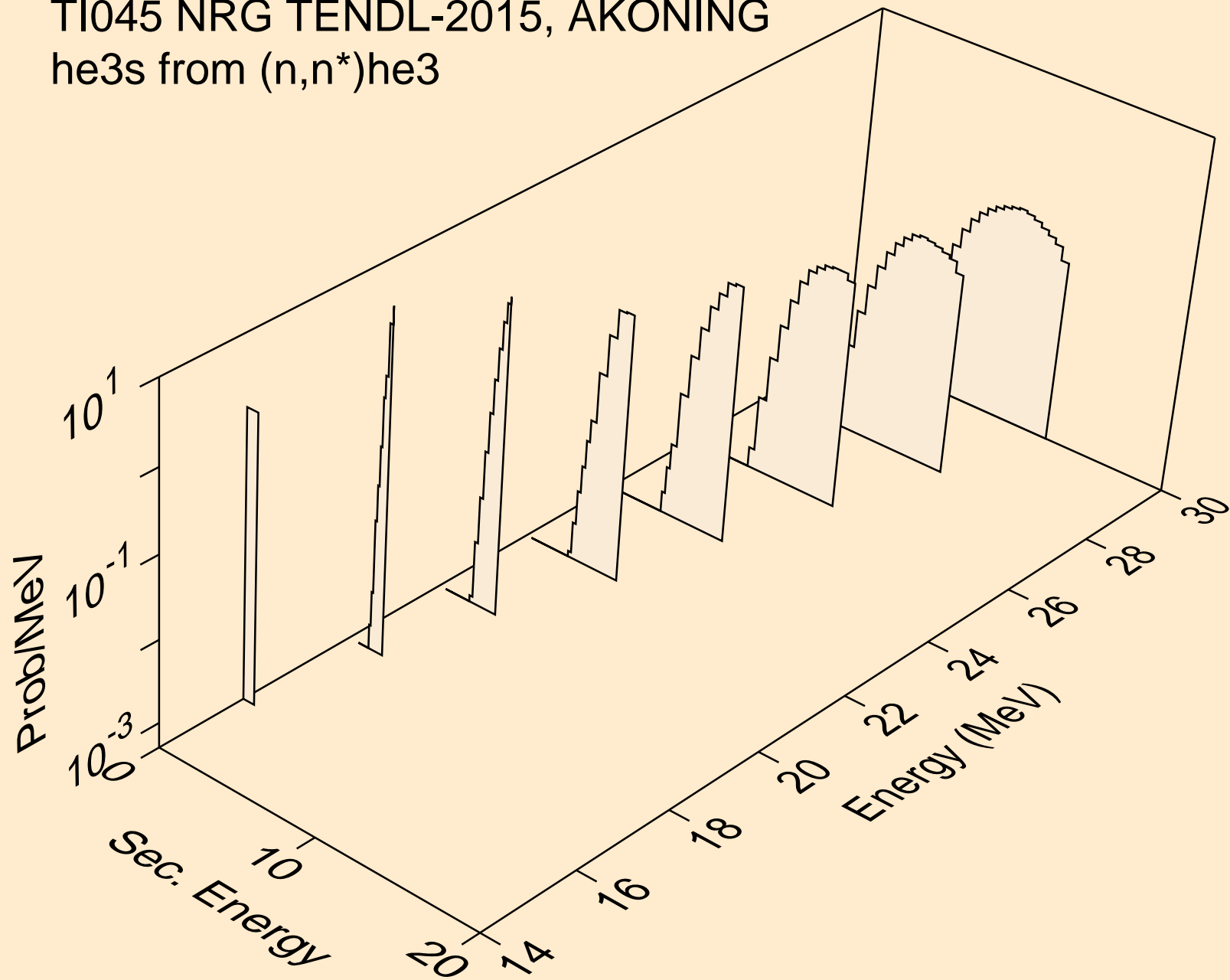
TI045 NRG TENDL-2015, AKONING  
tritons from (n,pt)



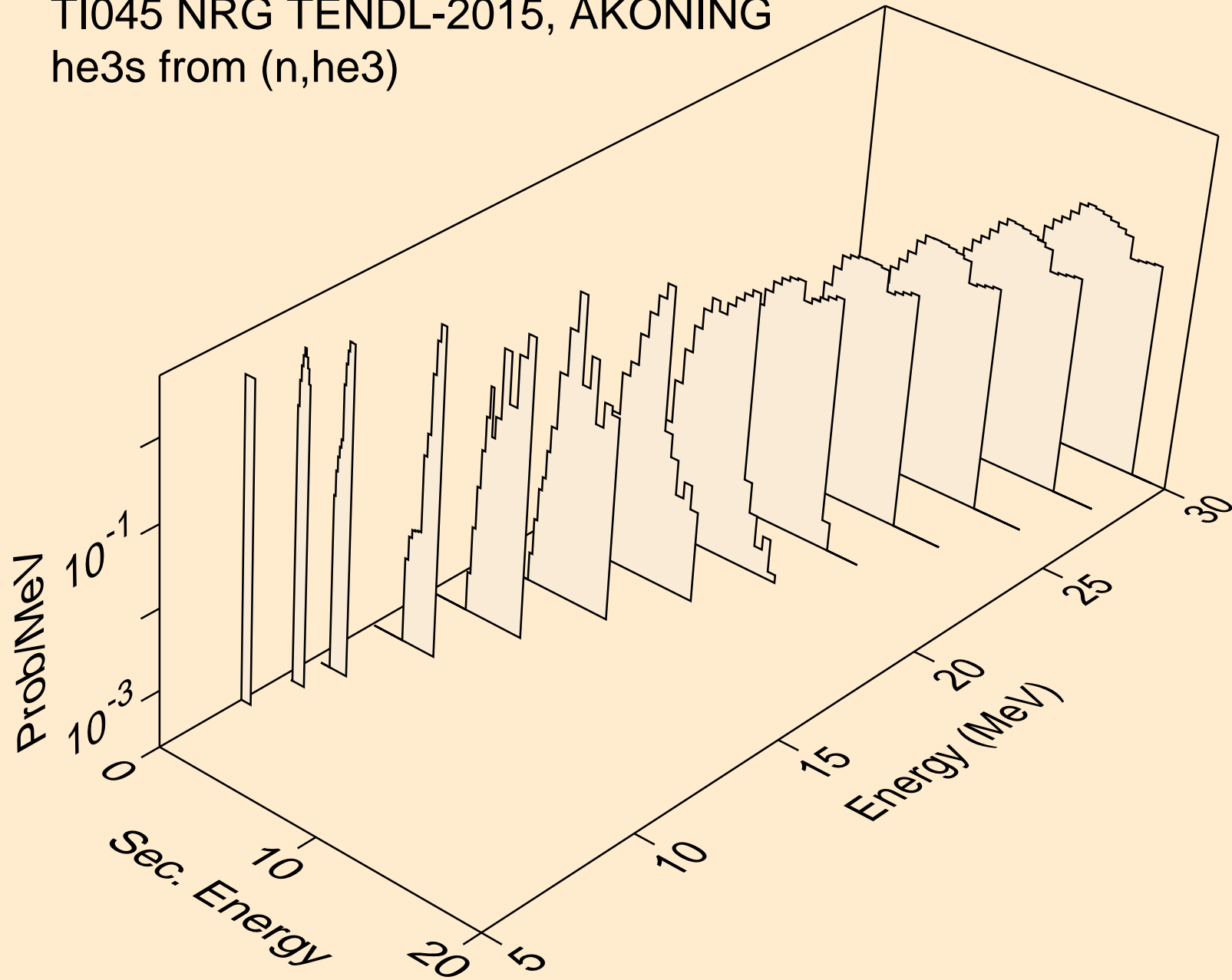
TI045 NRG TENDL-2015, AKONING  
he3s from (n,x)



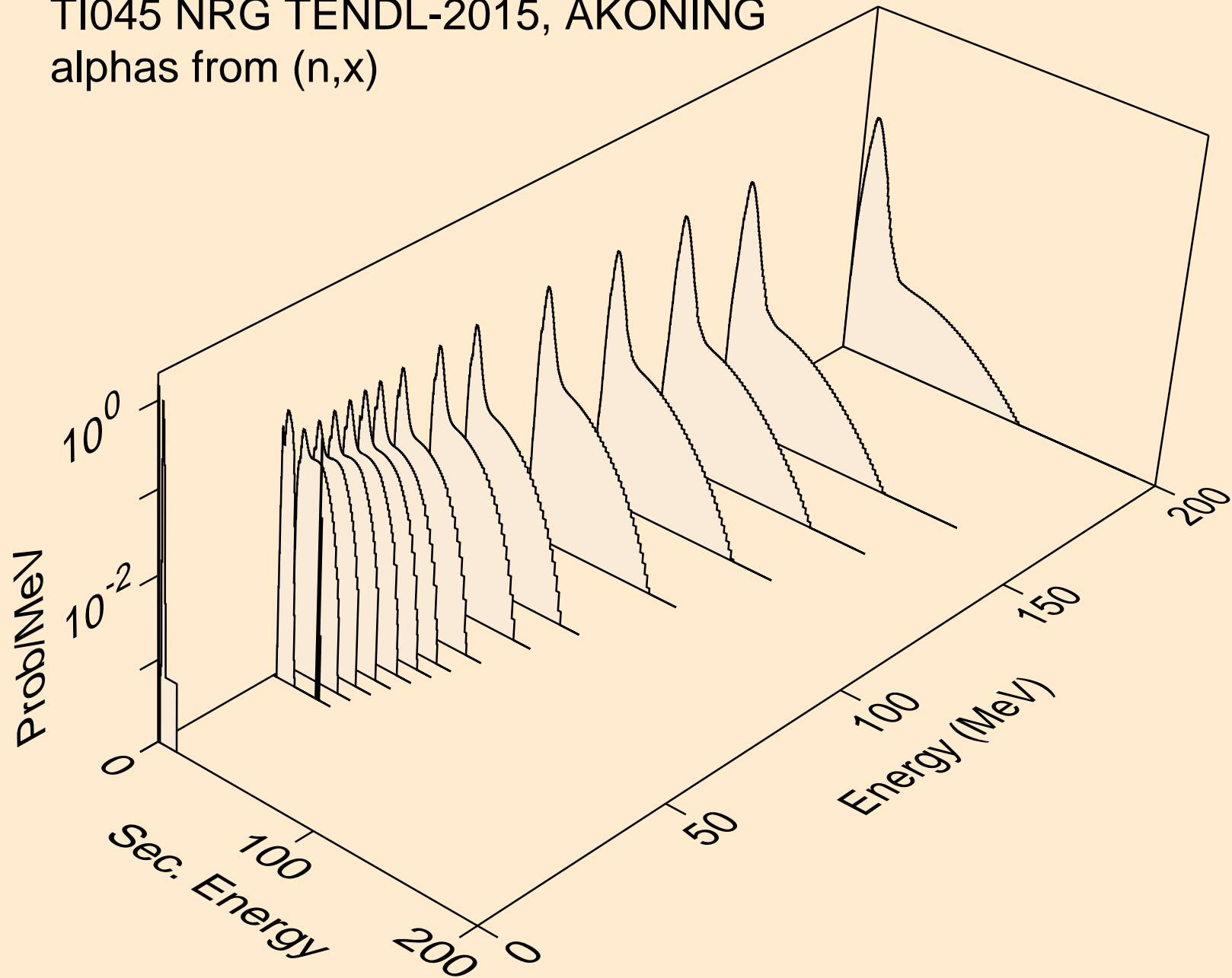
TI045 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



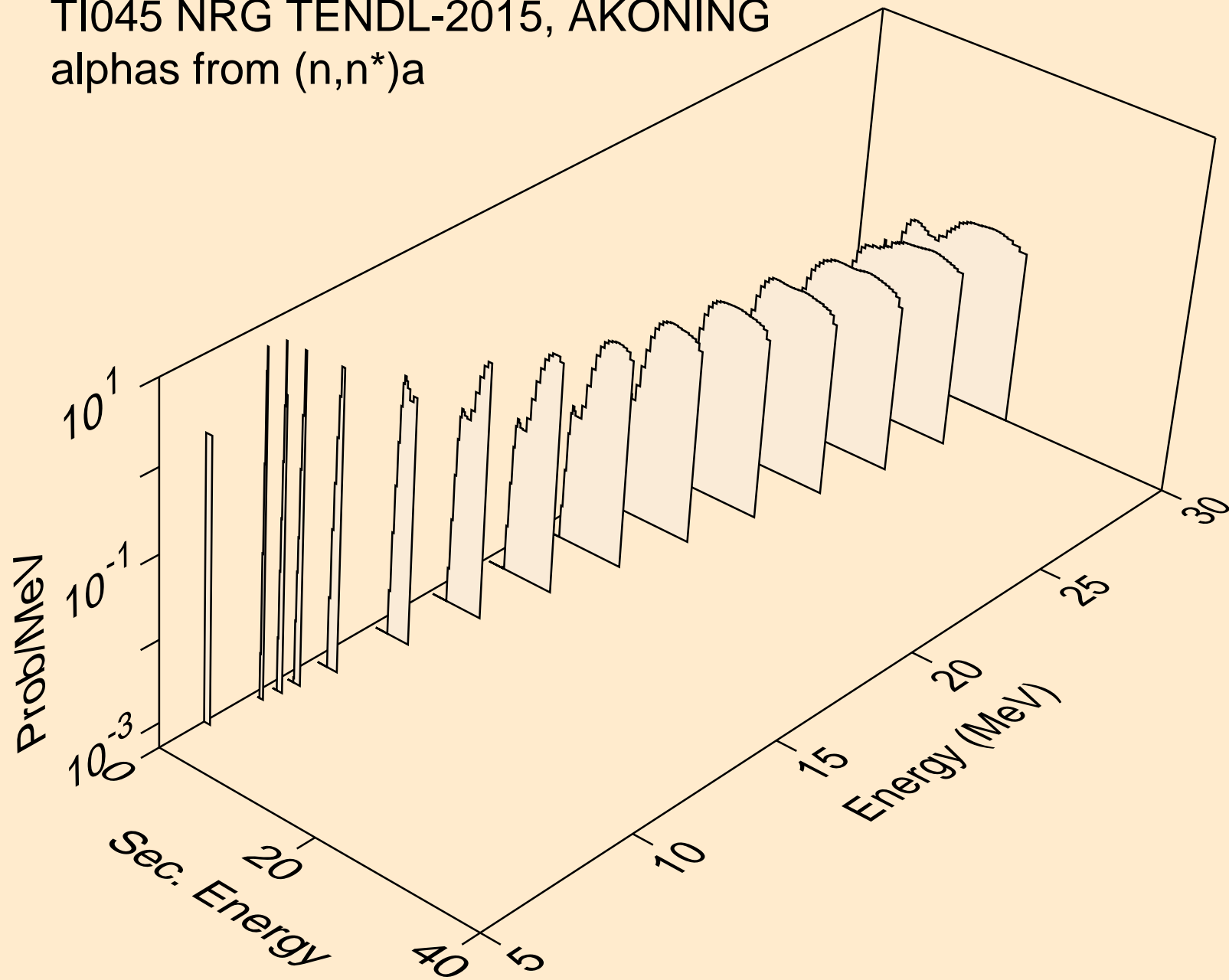
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he3s from (n,he3)



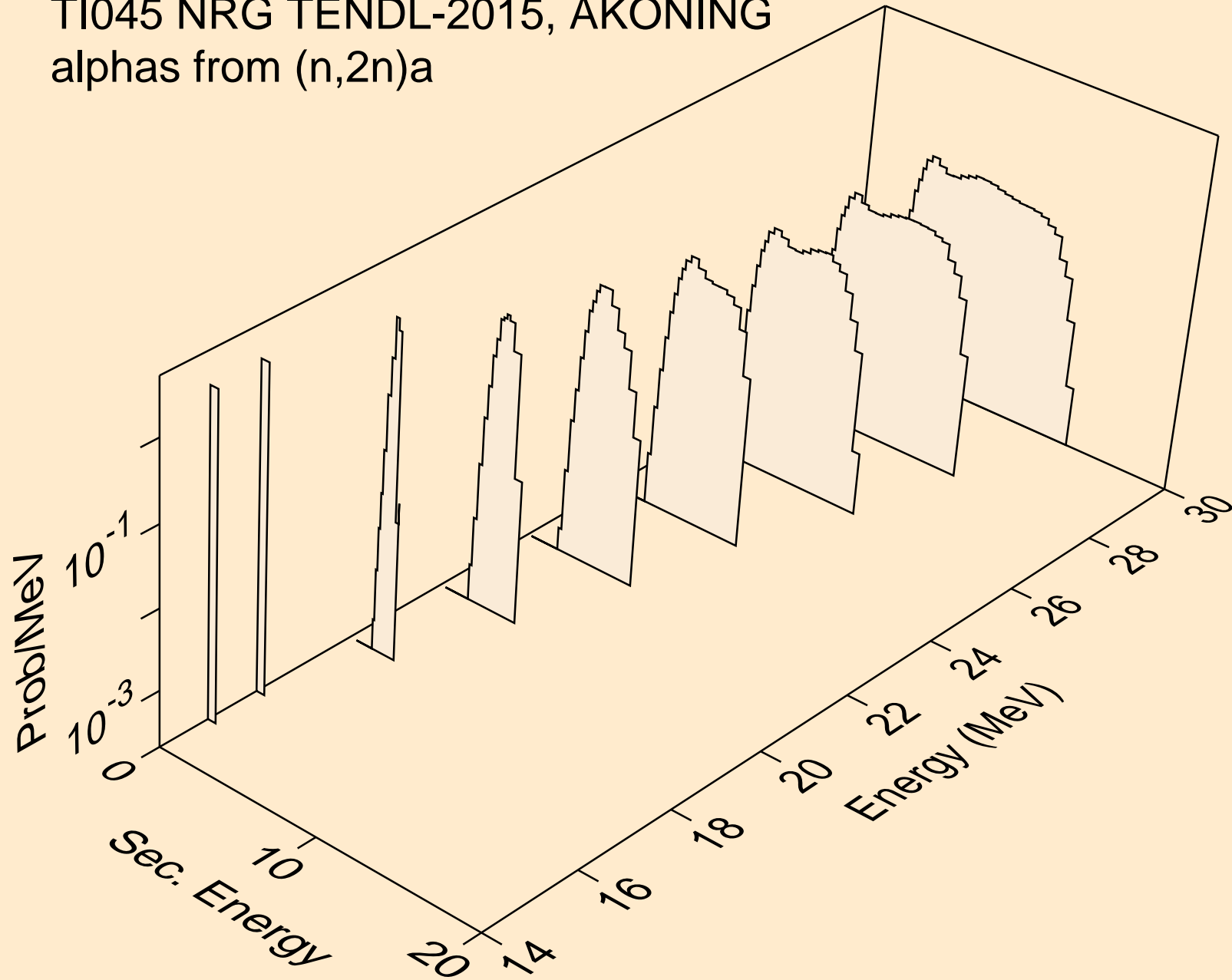
TI045 NRG TENDL-2015, AKONING  
alphas from (n,x)



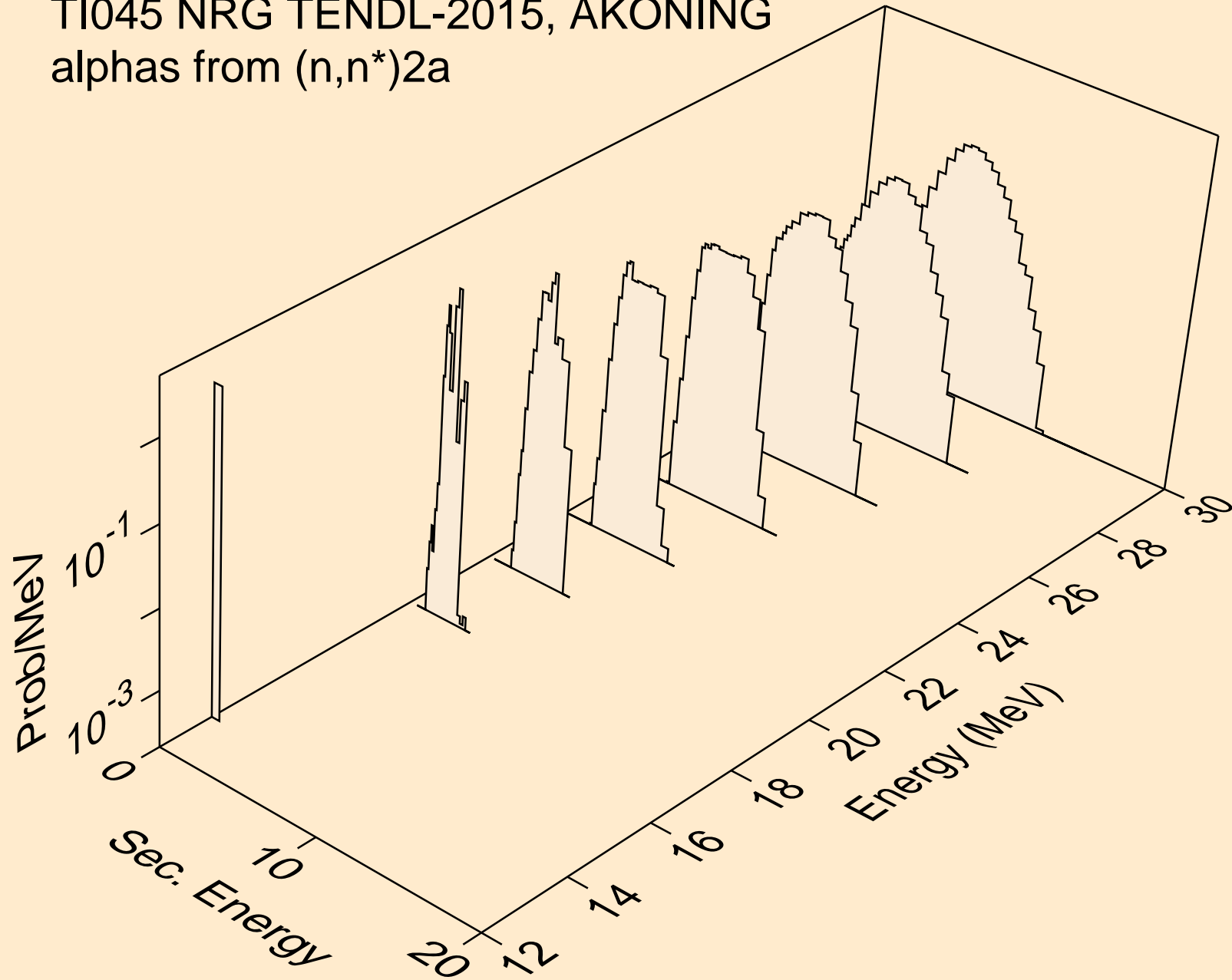
TI045 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TI045 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

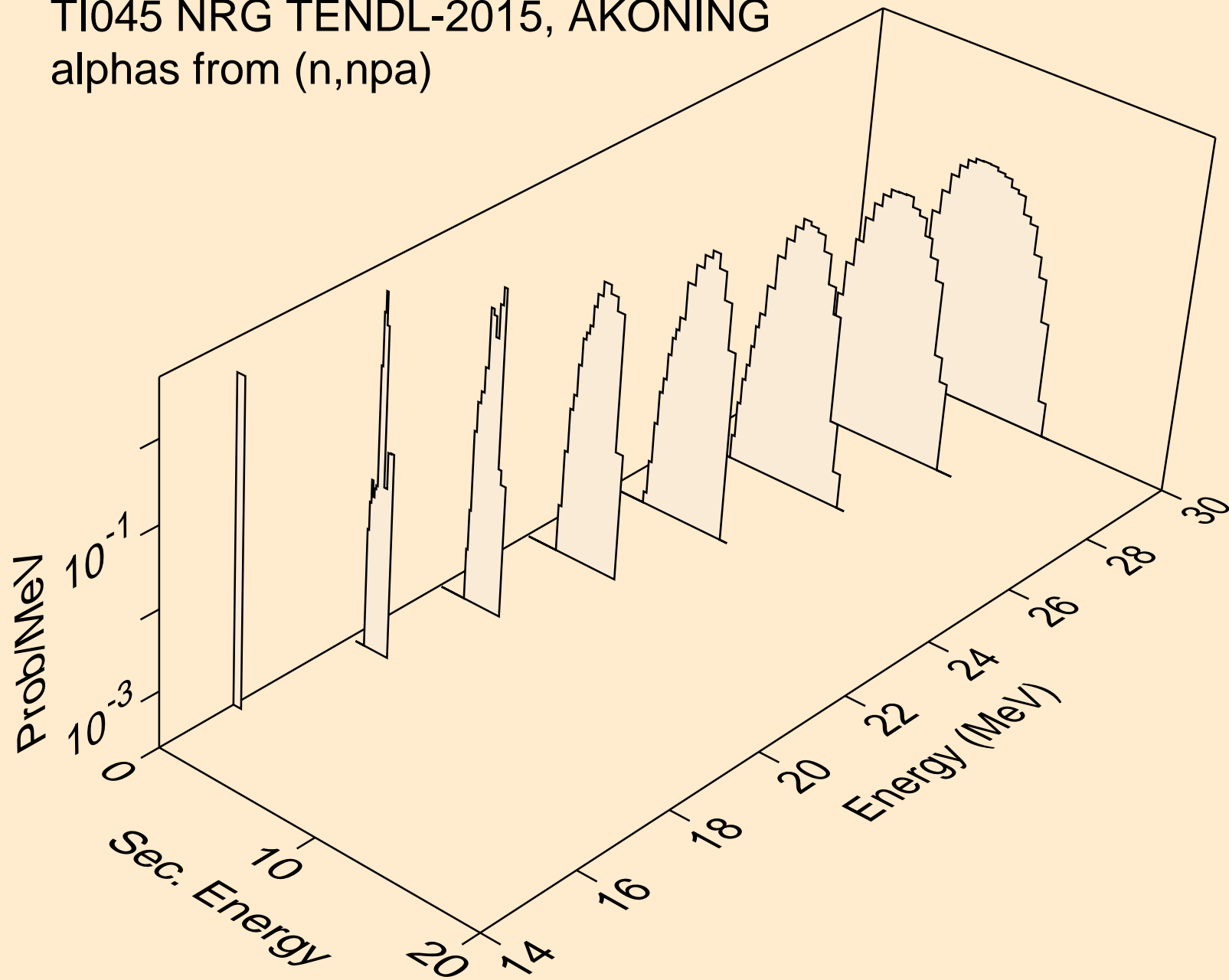


TI045 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

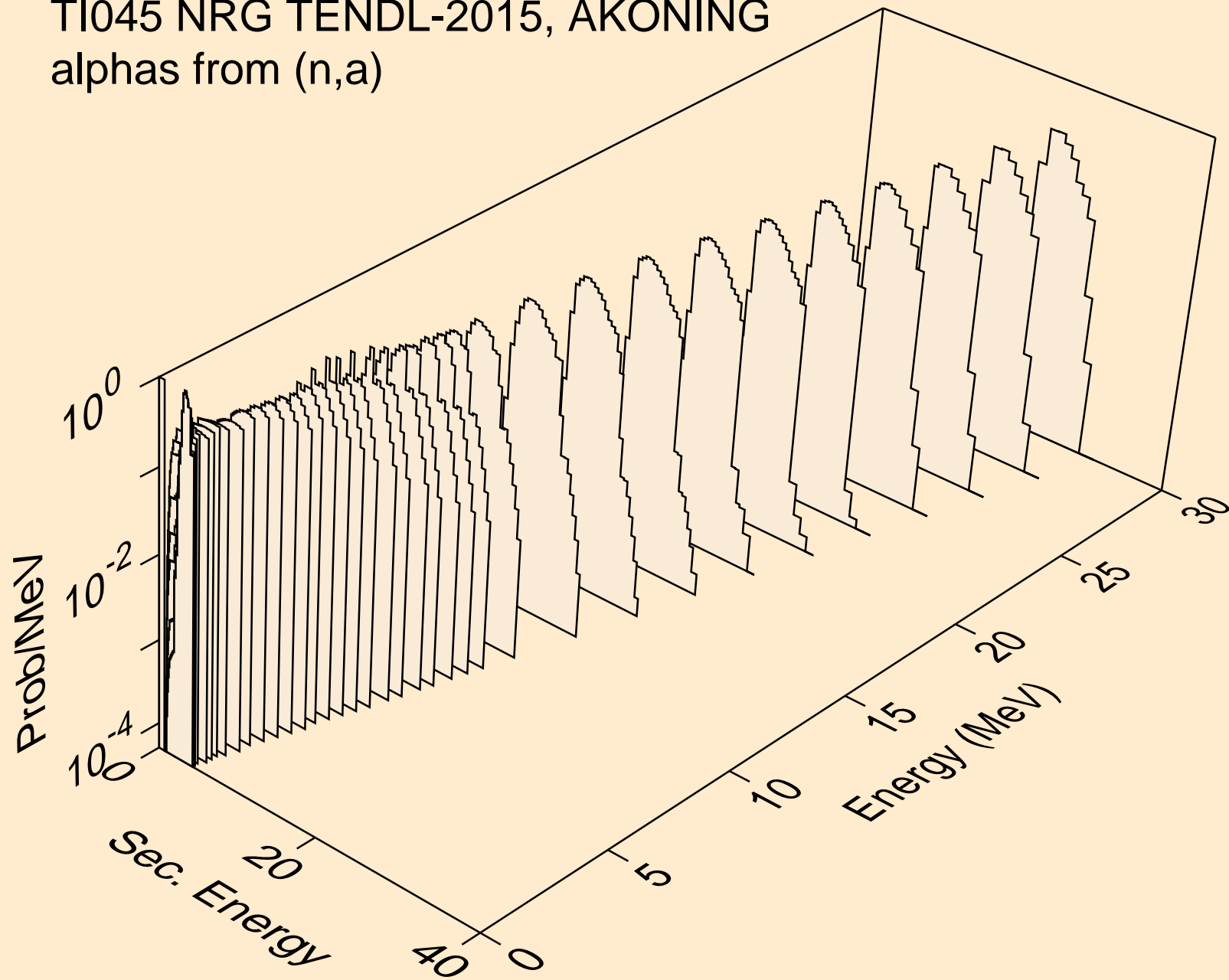




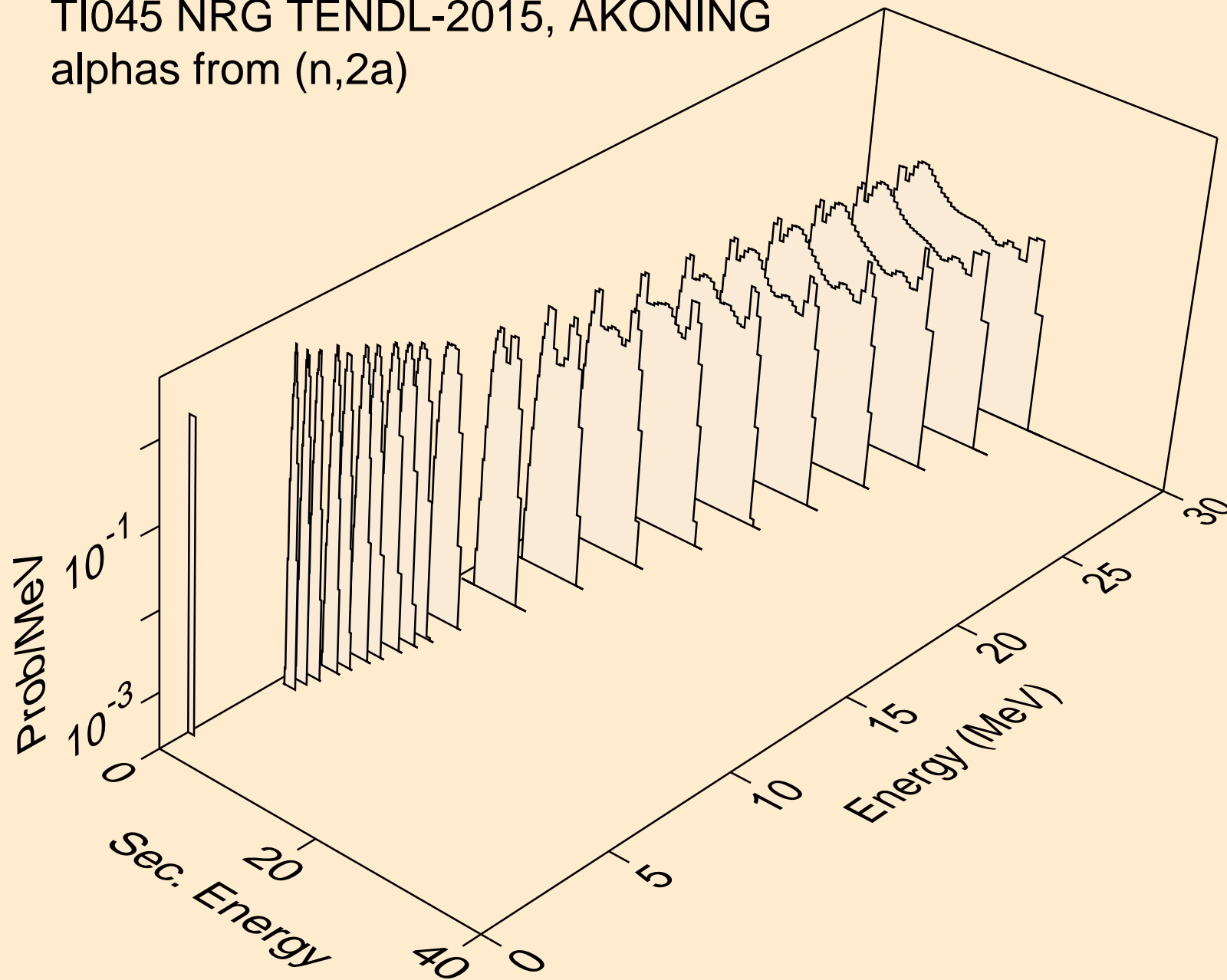
TI045 NRG TENDL-2015, AKONING  
alphas from (n,npa)



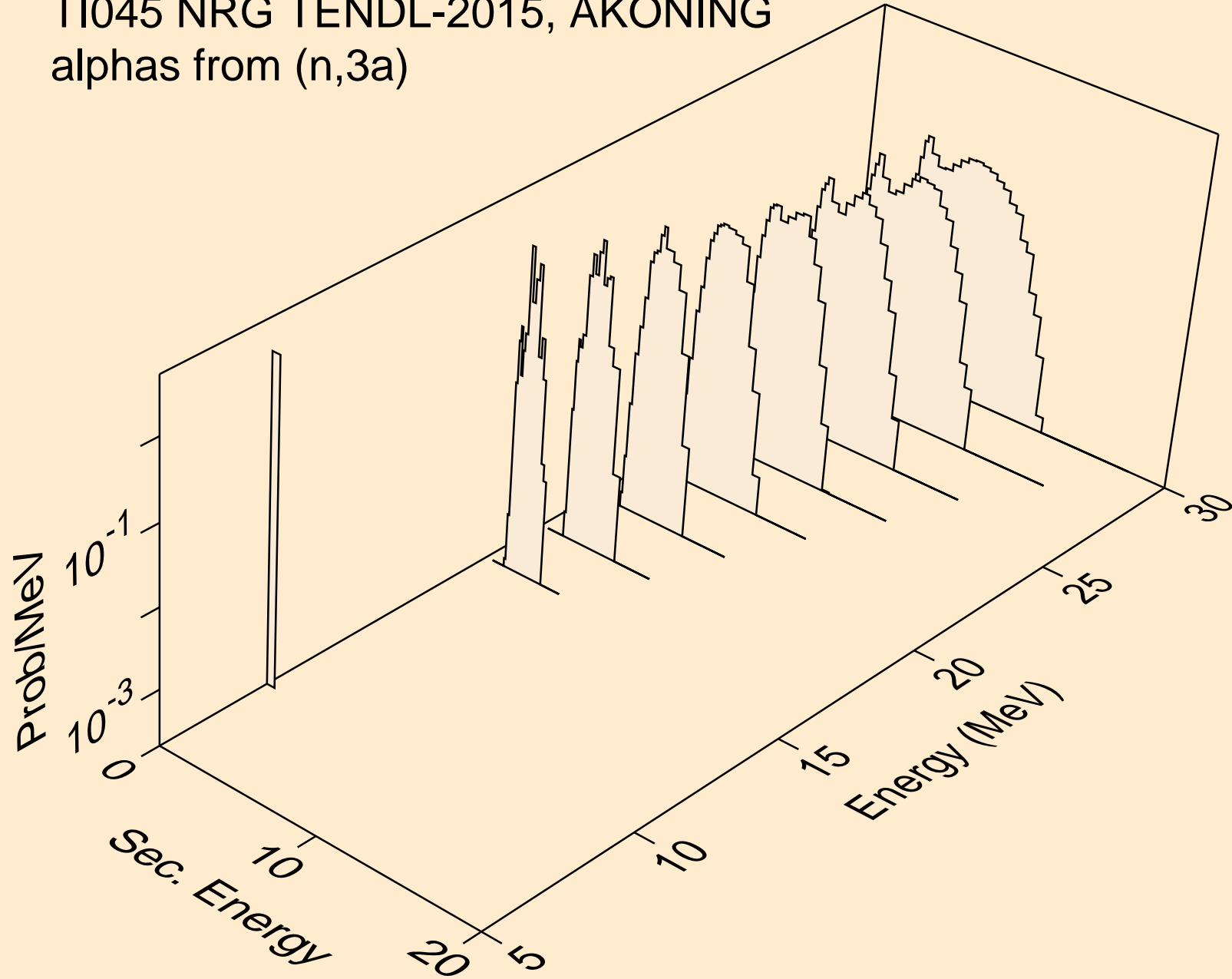
TI045 NRG TENDL-2015, AKONING  
alphas from (n,a)



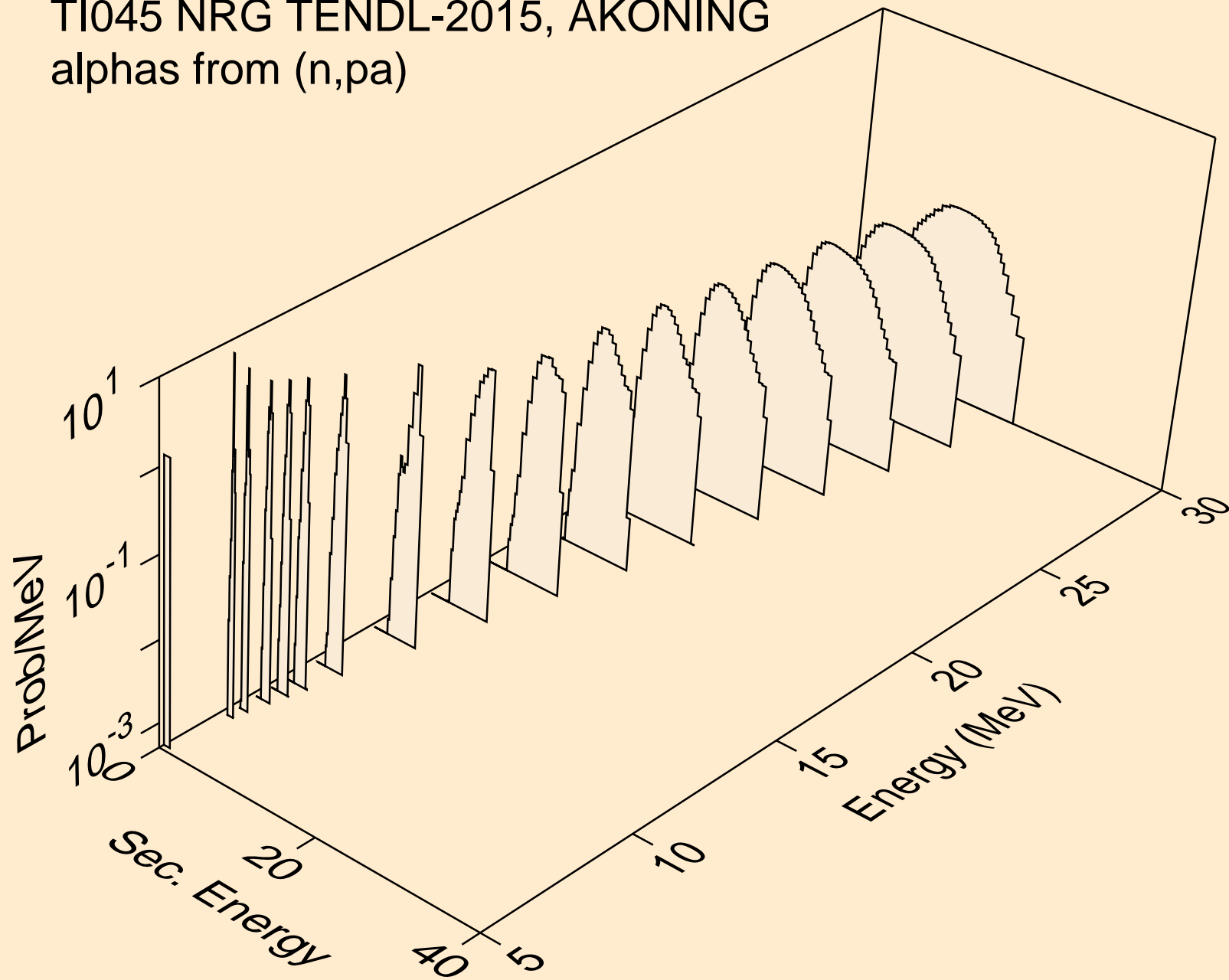
TI045 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TI045 NRG TENDL-2015, AKONING  
alphas from (n,3a)



TI045 NRG TENDL-2015, AKONING  
alphas from (n,pa)



TI045 NRG TENDL-2015, AKONING  
alphas from (n,da)

