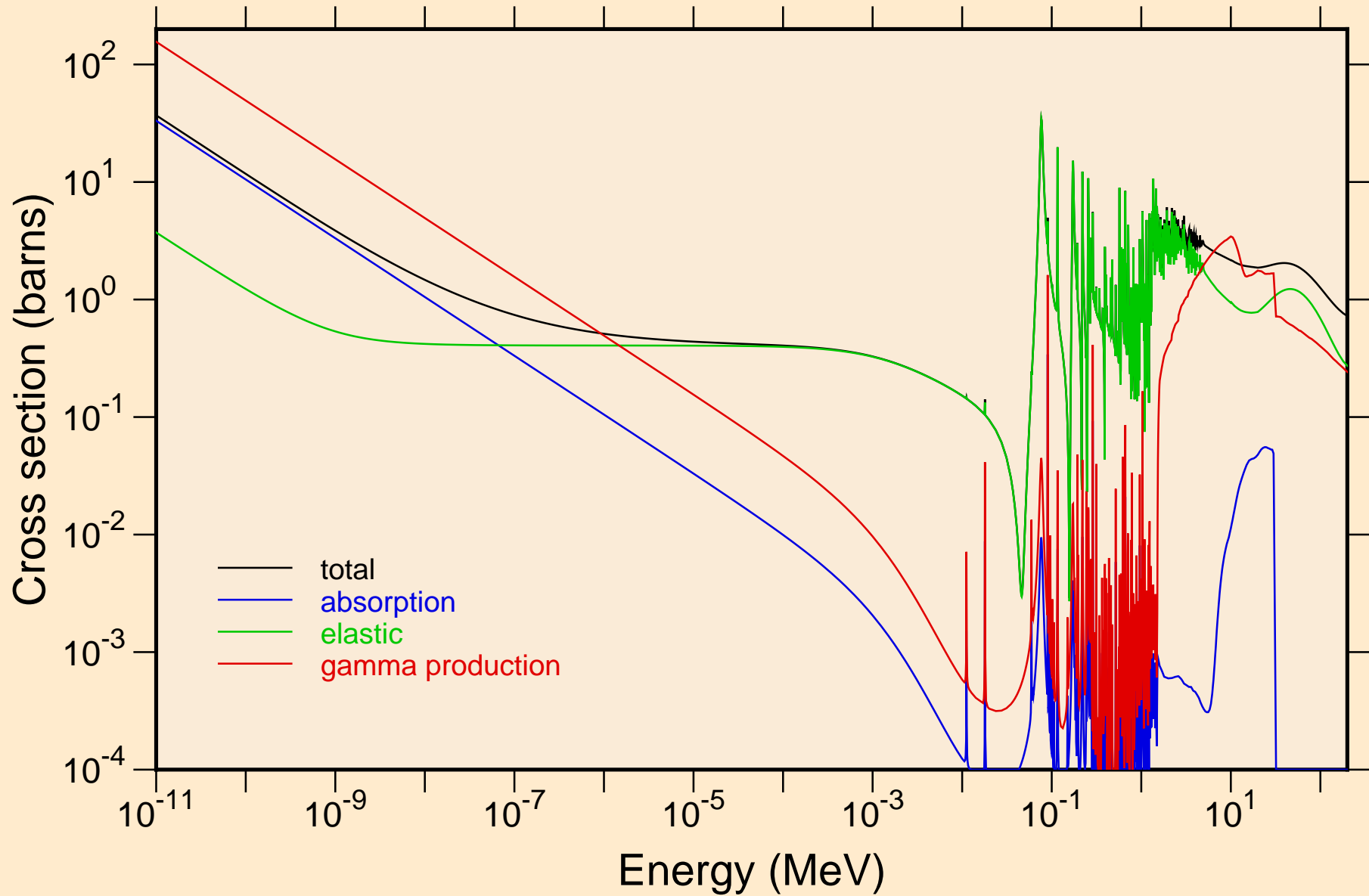
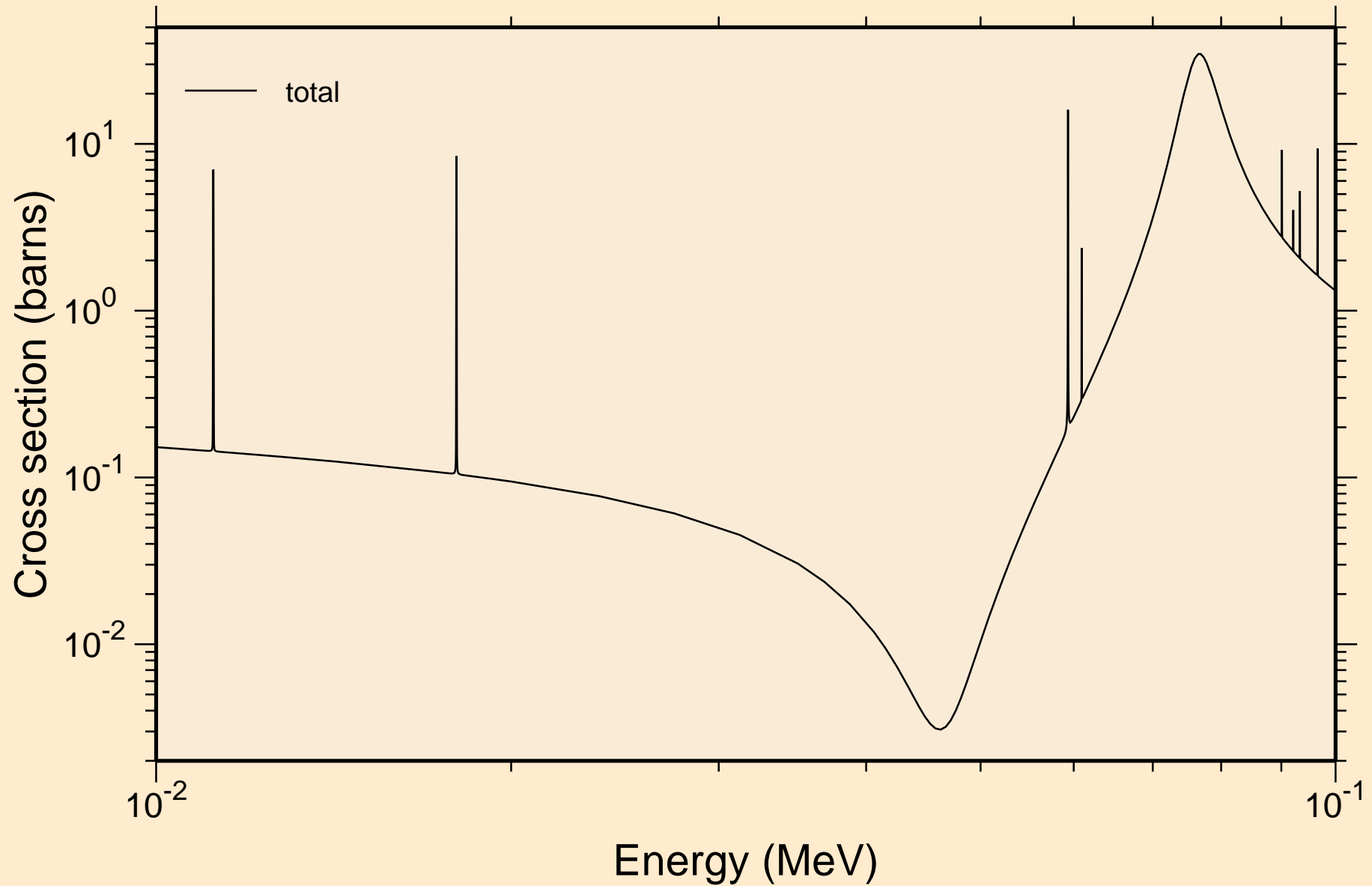


# AR040 NRG TENDL-2015, AKONING

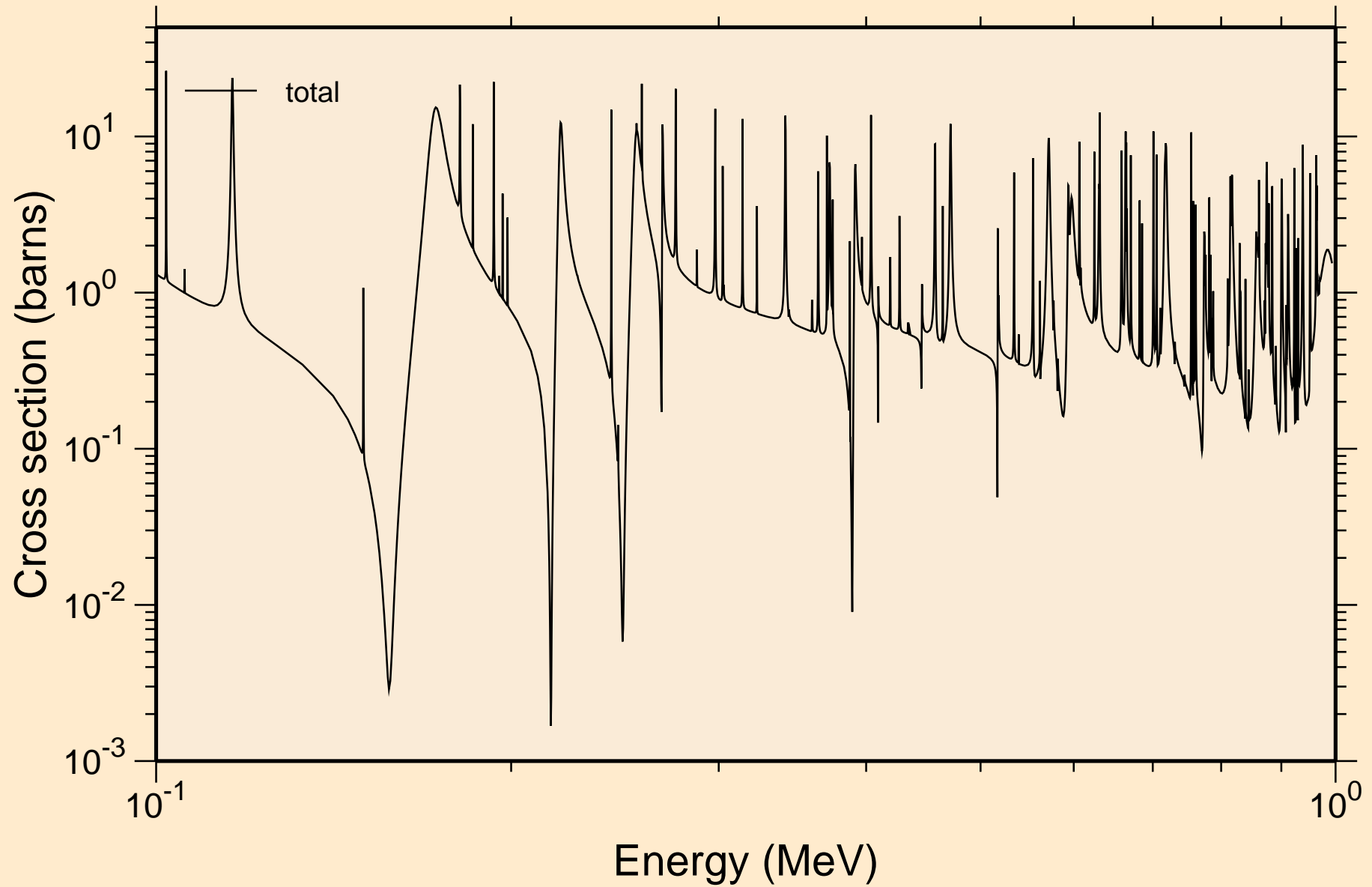
## Principal cross sections



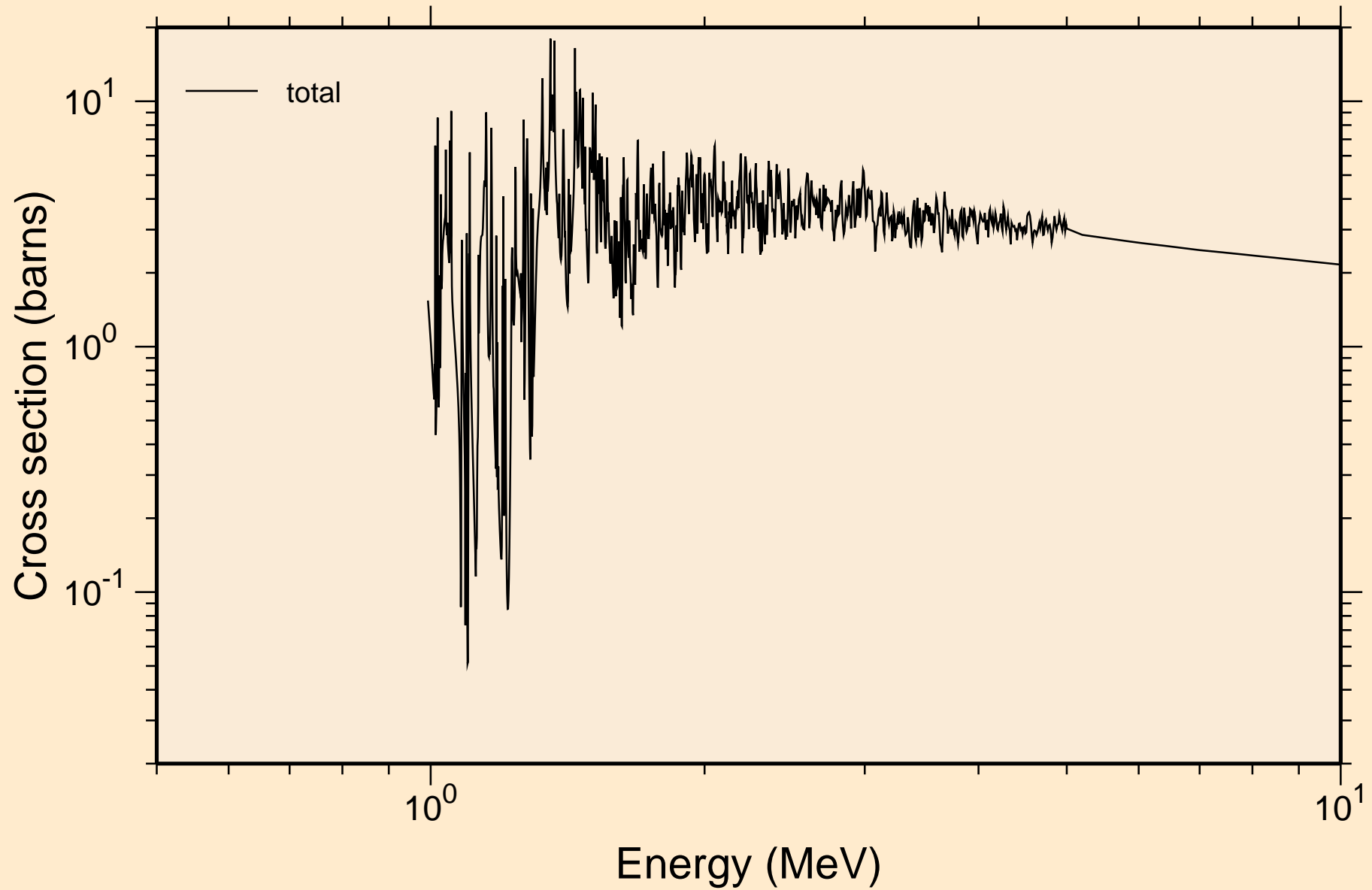
AR040 NRG TENDL-2015, AKONING  
resonance total cross section



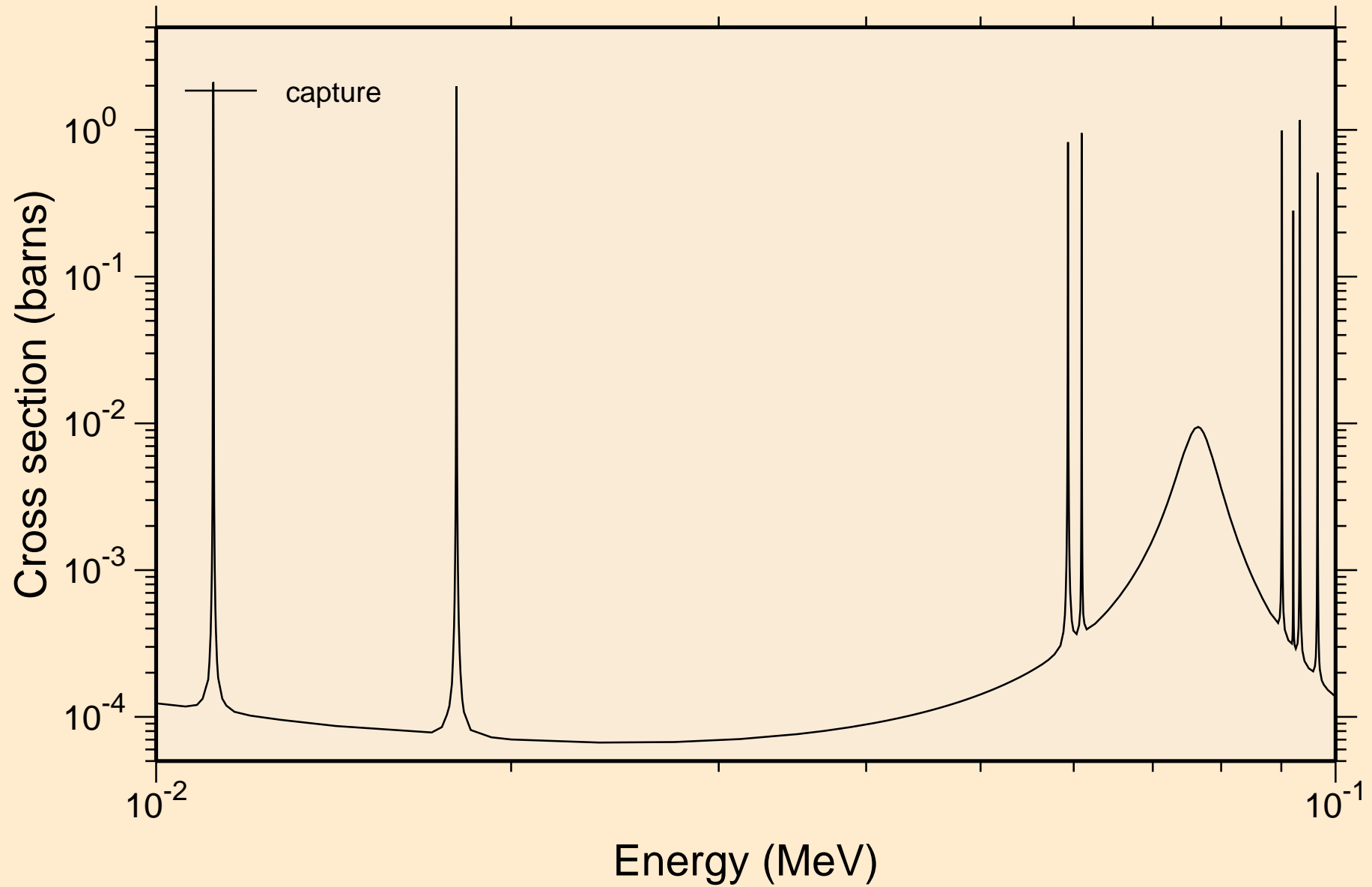
AR040 NRG TENDL-2015, AKONING  
resonance total cross section



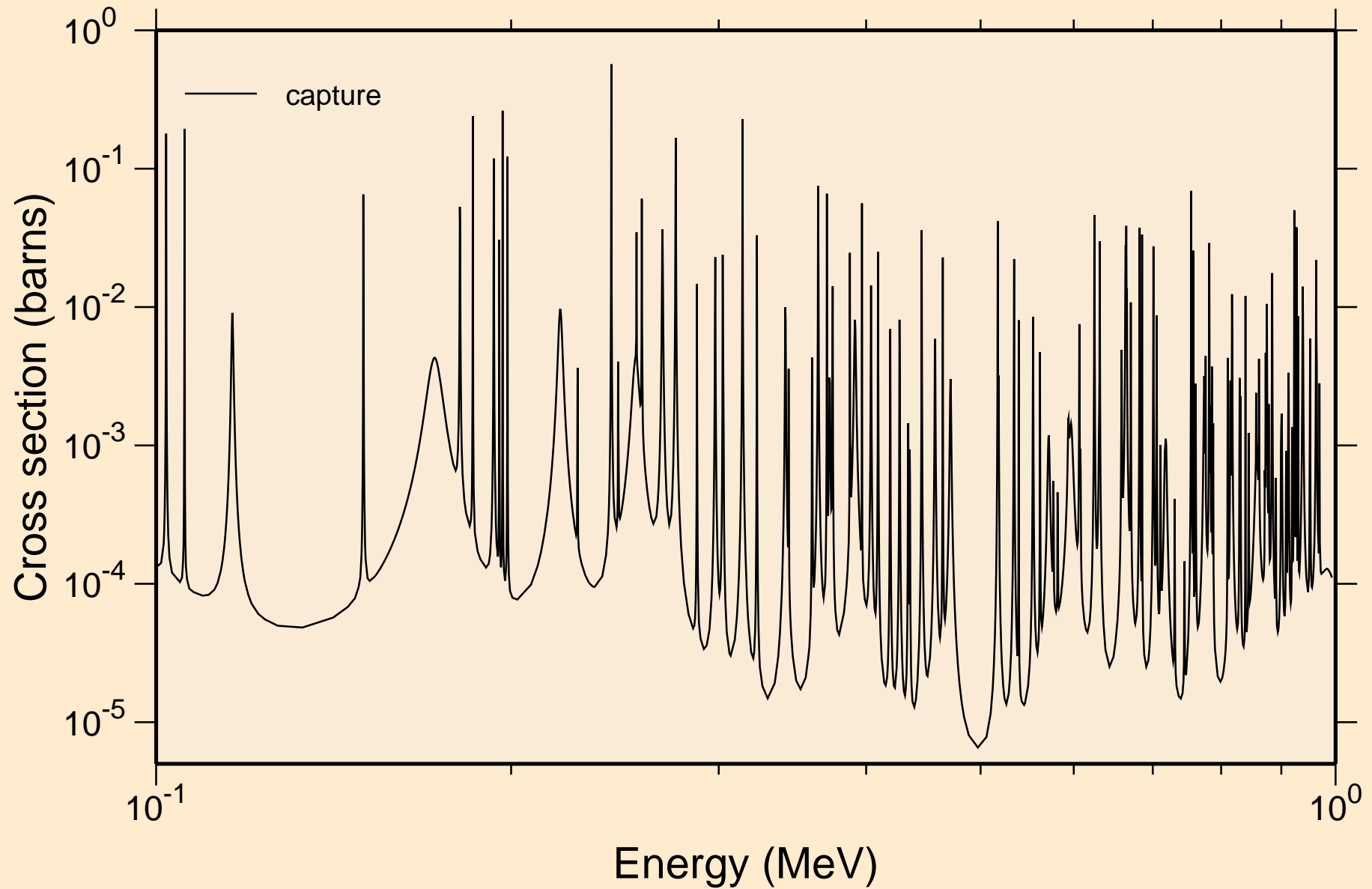
AR040 NRG TENDL-2015, AKONING  
resonance total cross section



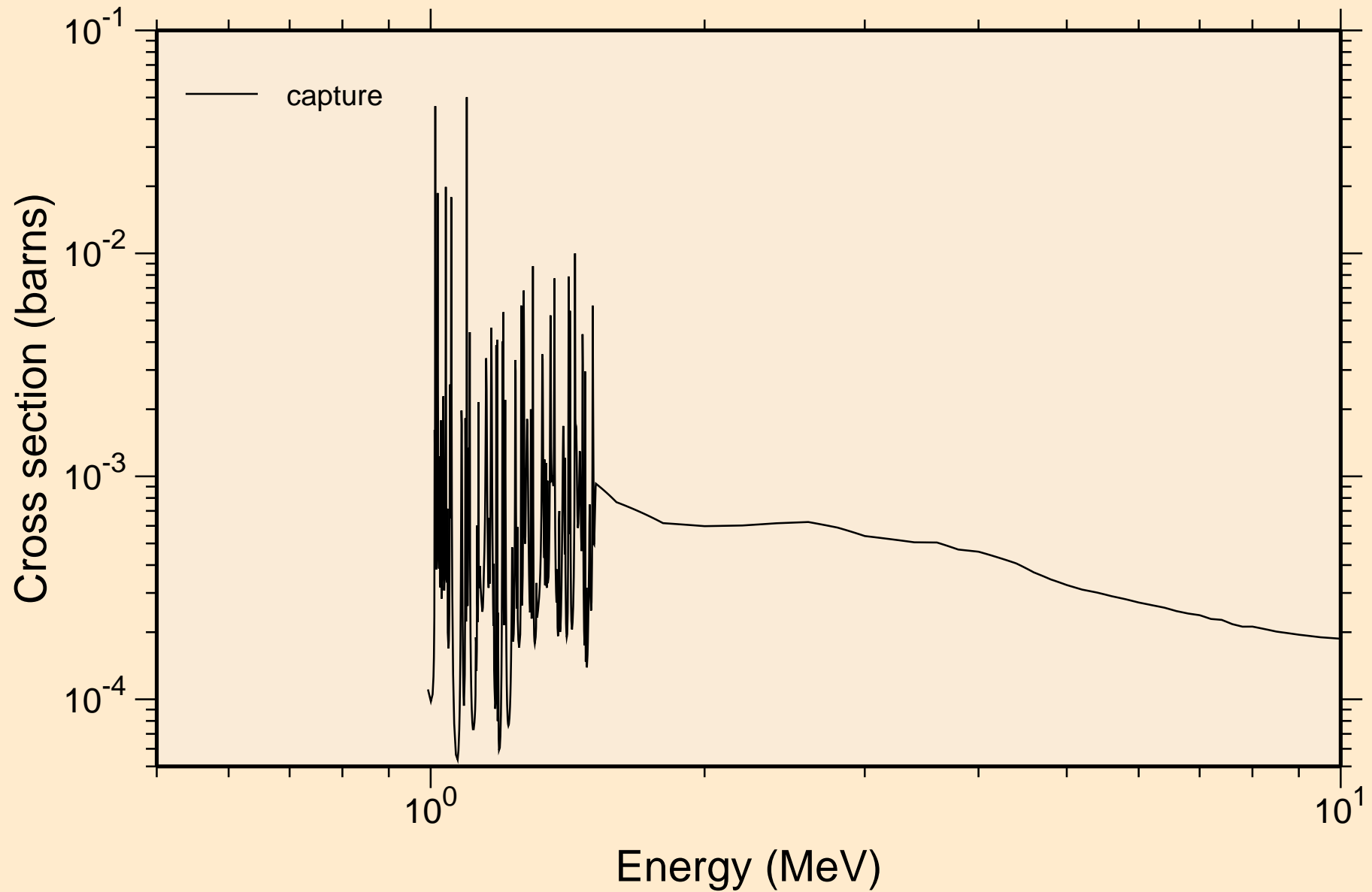
AR040 NRG TENDL-2015, AKONING  
resonance absorption cross sections



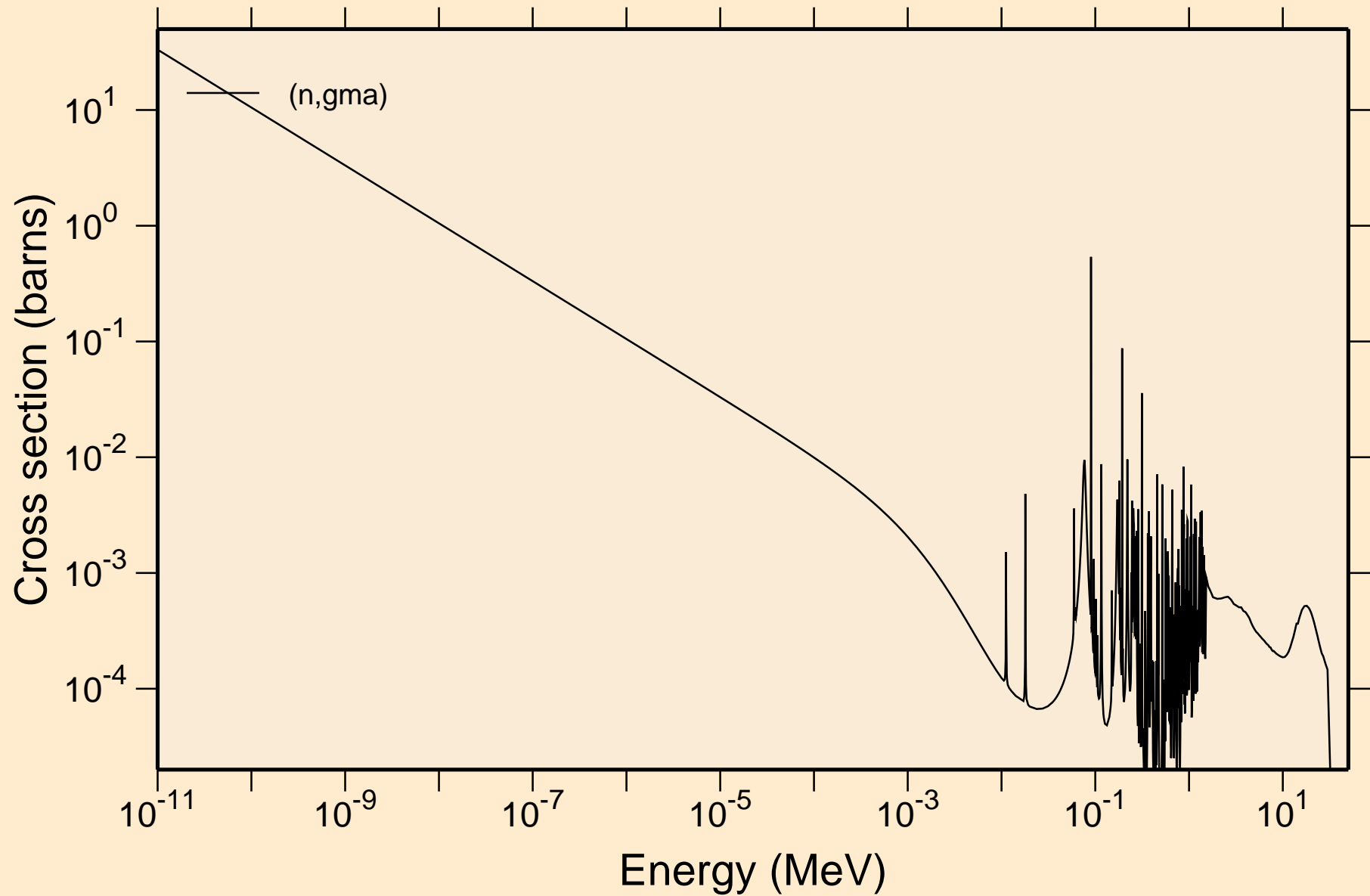
AR040 NRG TENDL-2015, AKONING  
resonance absorption cross sections



AR040 NRG TENDL-2015, AKONING  
resonance absorption cross sections



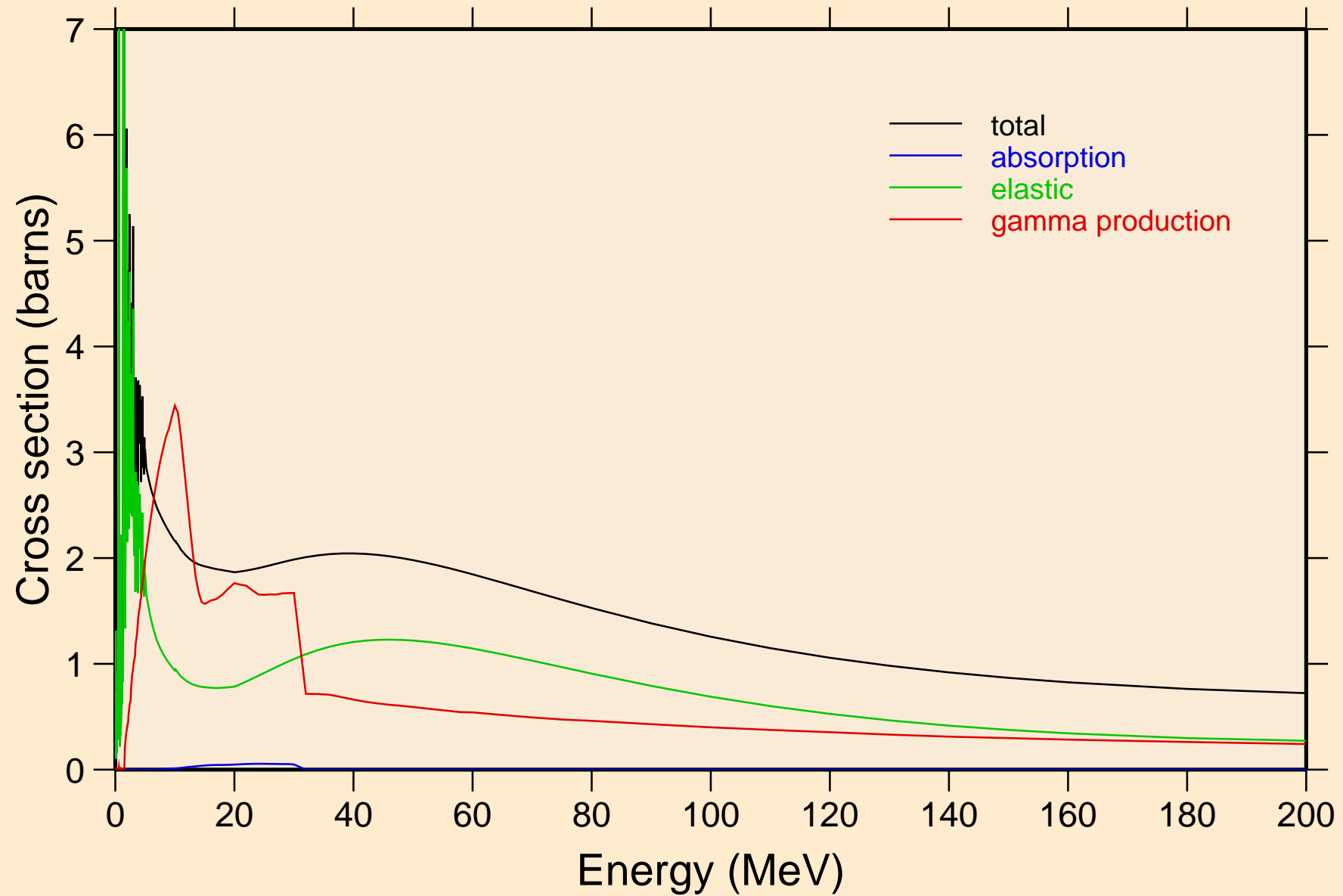
AR040 NRG TENDL-2015, AKONING  
Non-threshold reactions



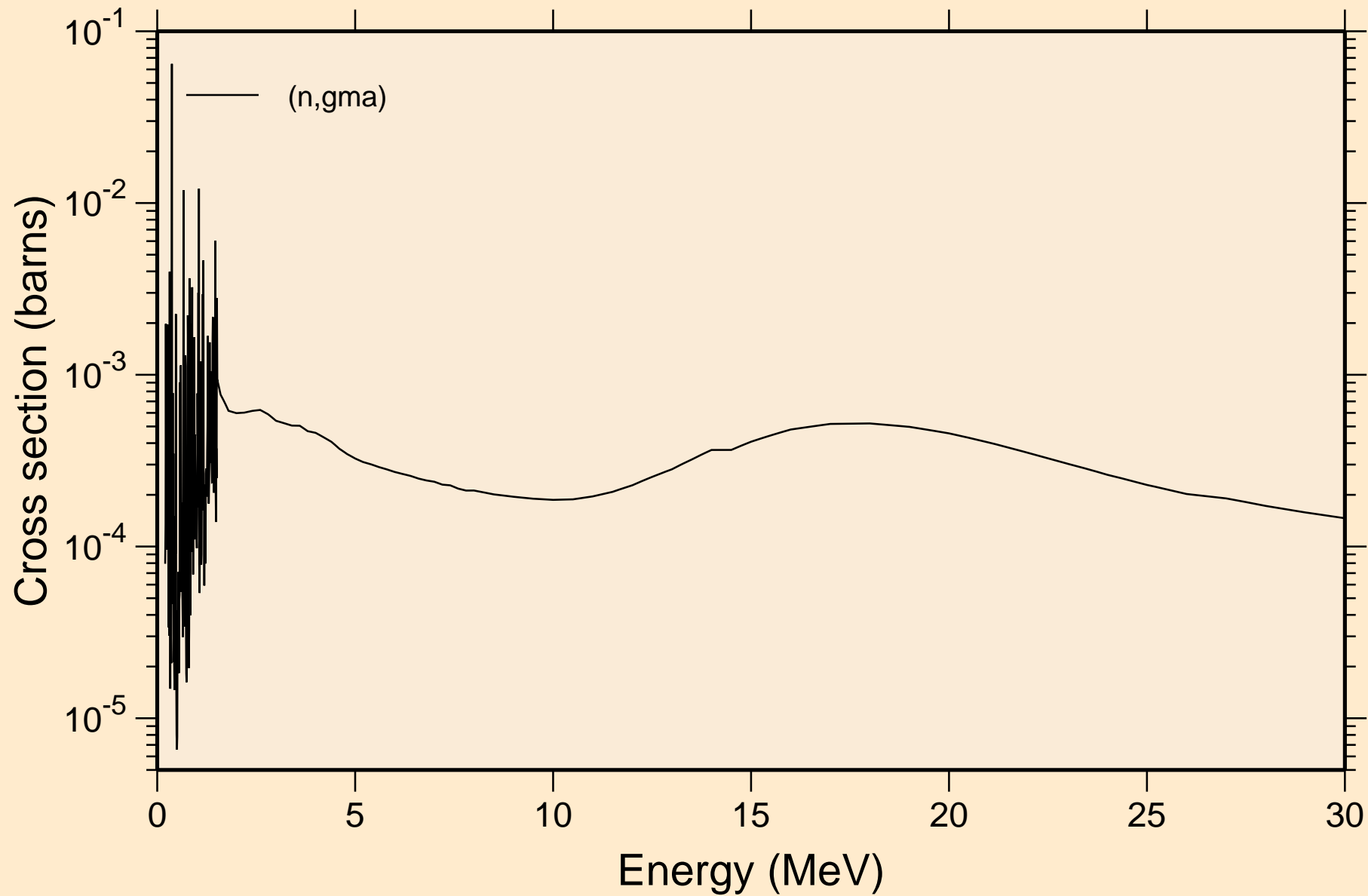


# AR040 NRG TENDL-2015, AKONING

## Principal cross sections

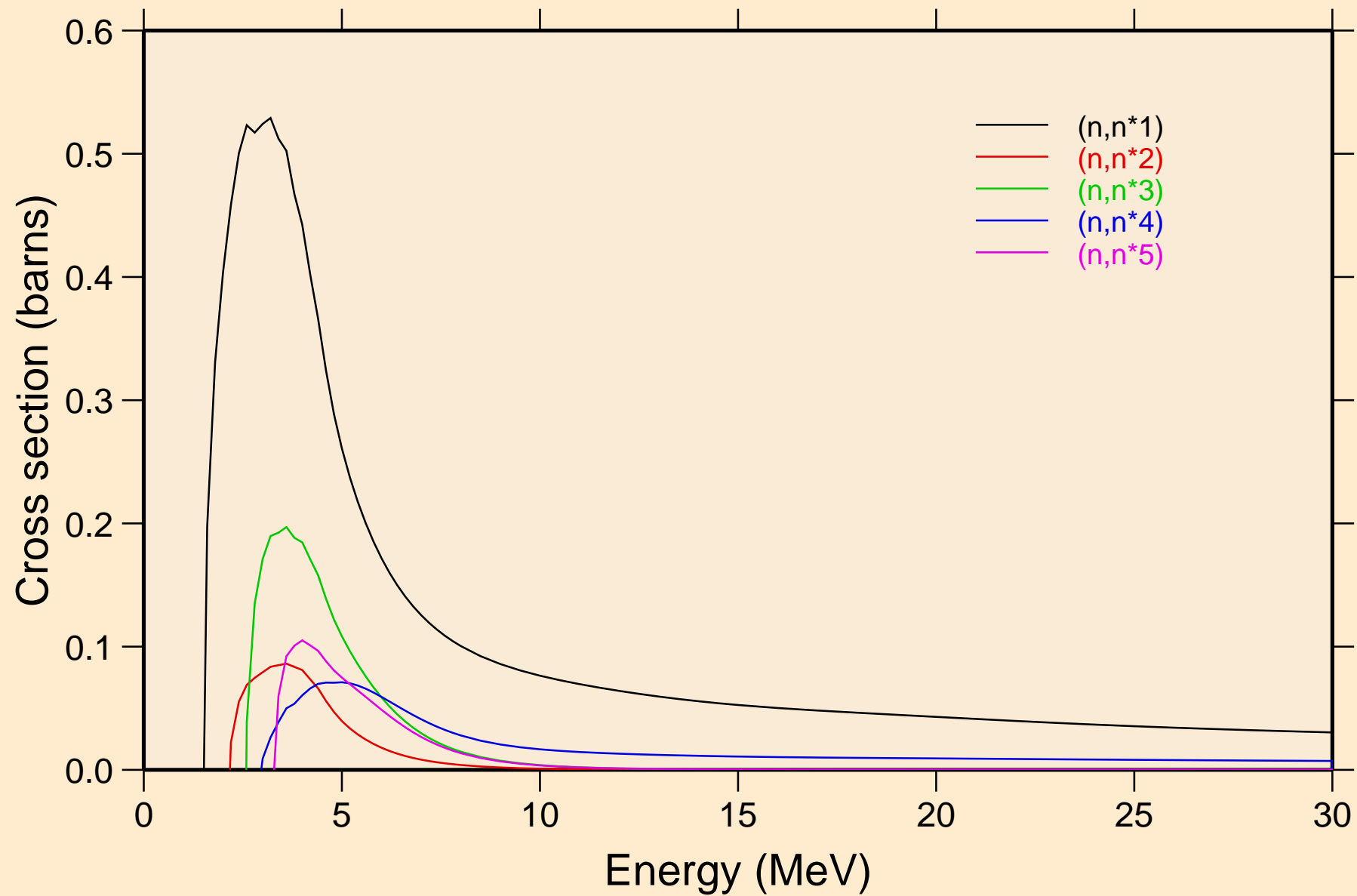


AR040 NRG TENDL-2015, AKONING  
Non-threshold reactions



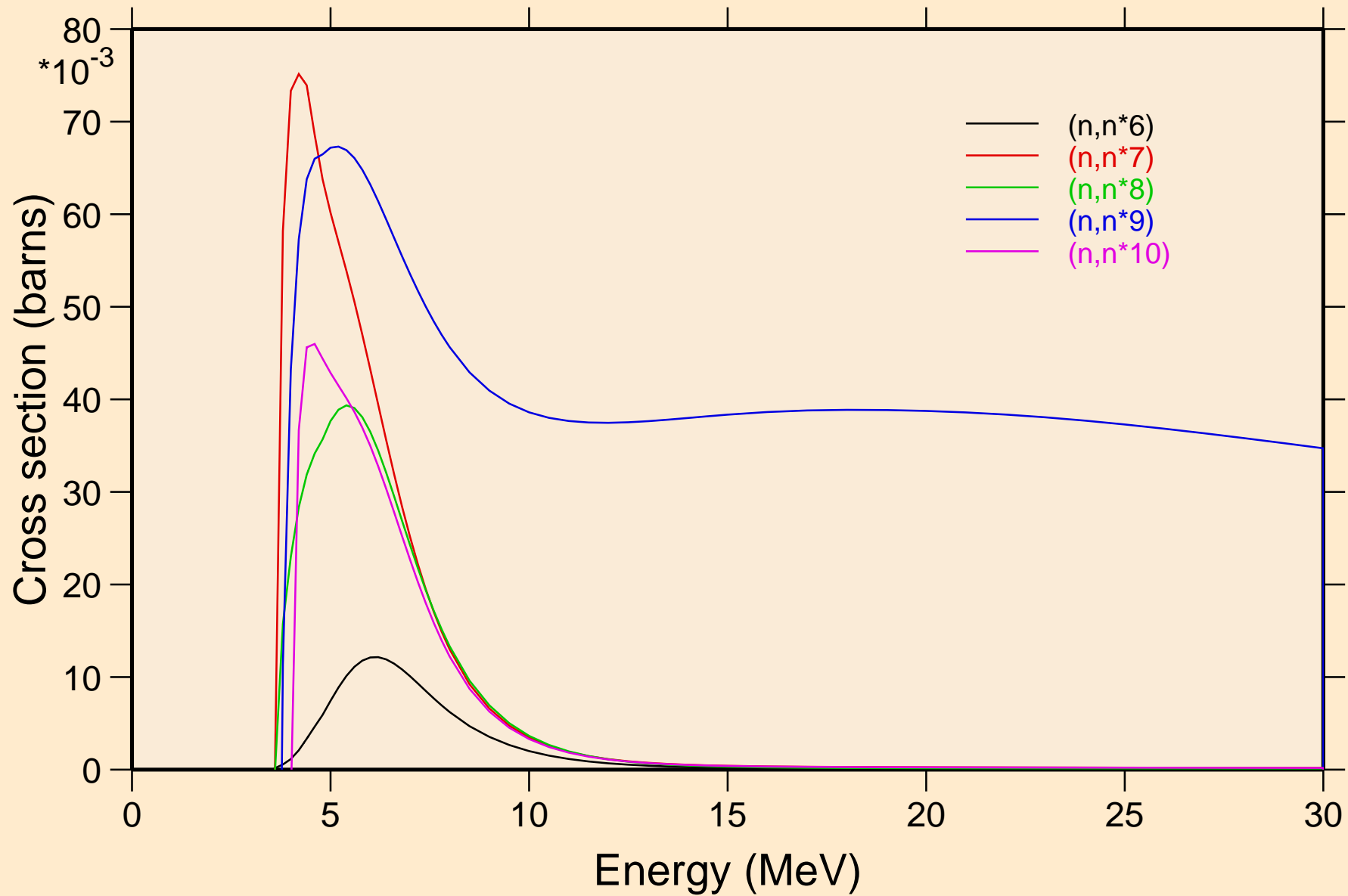
# AR040 NRG TENDL-2015, AKONING

## Inelastic levels



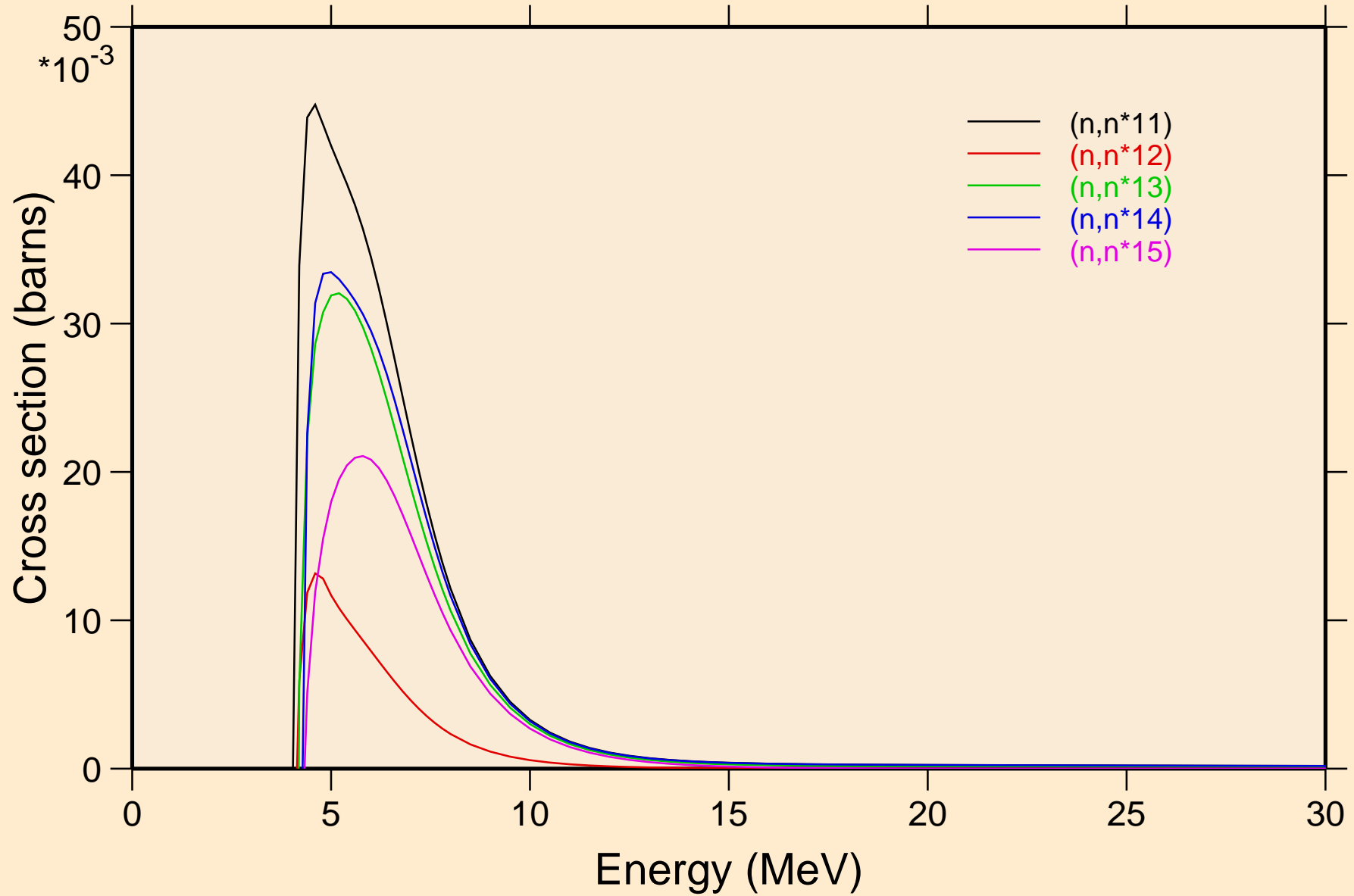
# AR040 NRG TENDL-2015, AKONING

## Inelastic levels



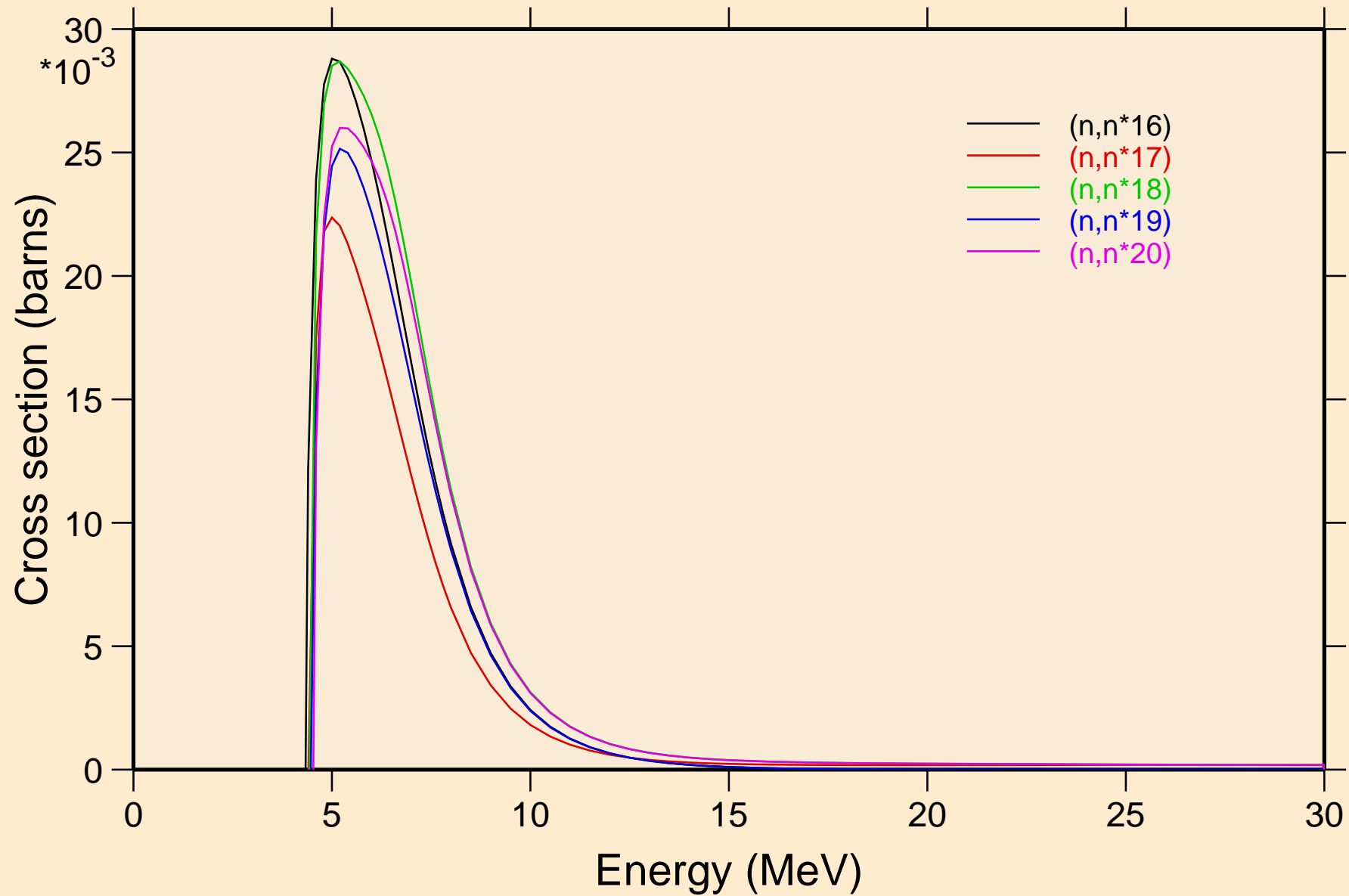
# AR040 NRG TENDL-2015, AKONING

## Inelastic levels



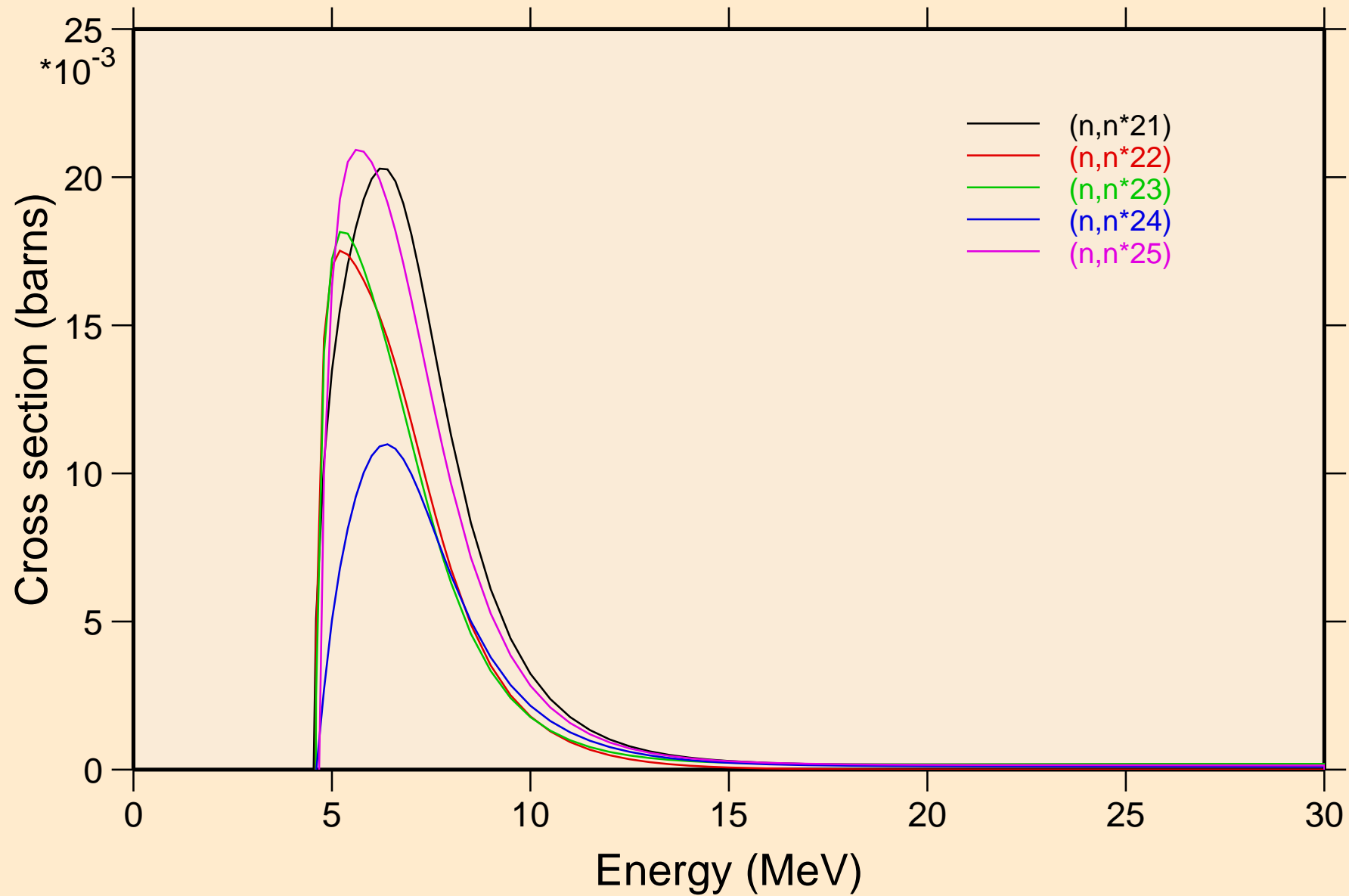
# AR040 NRG TENDL-2015, AKONING

## Inelastic levels



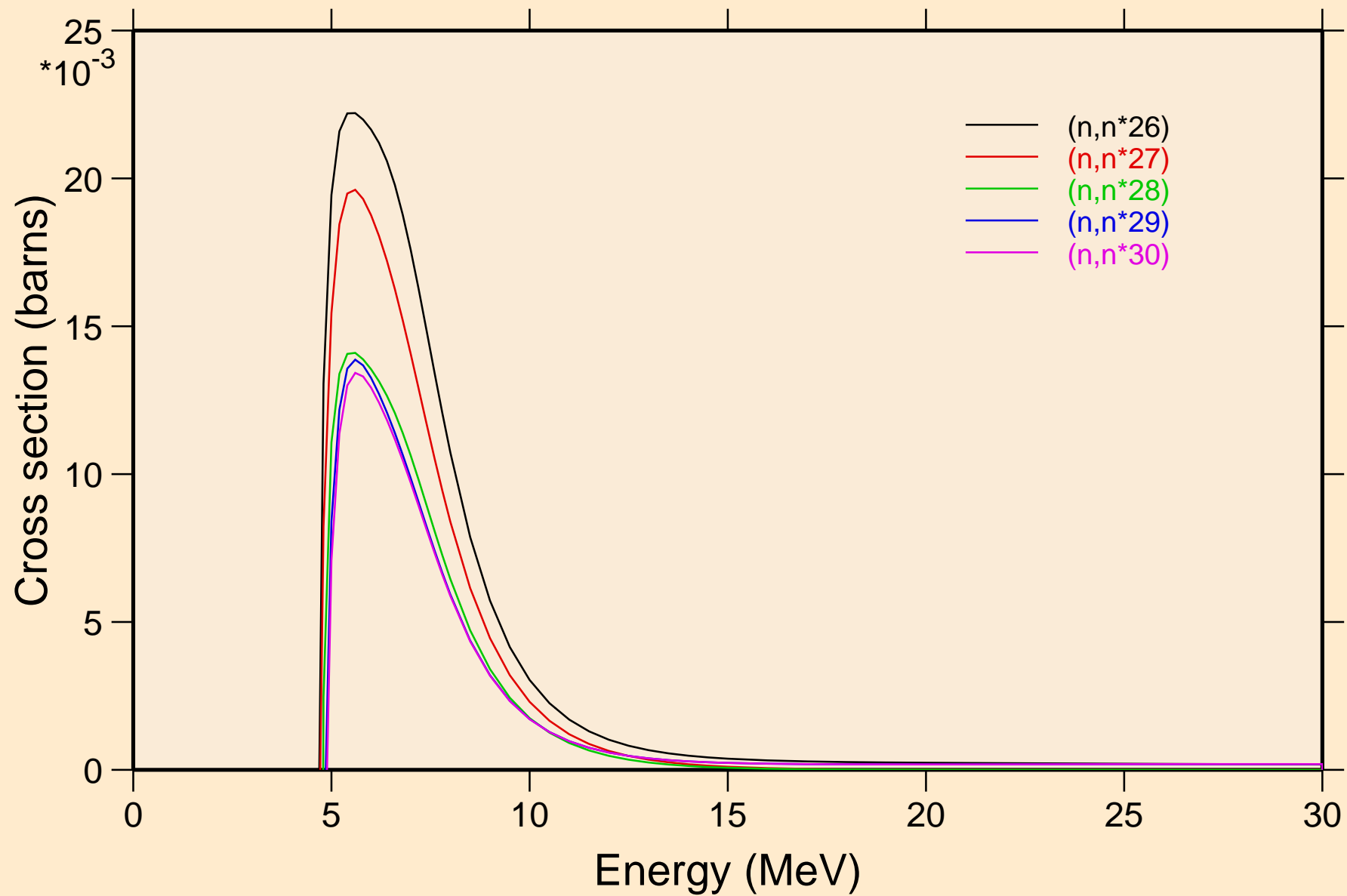
# AR040 NRG TENDL-2015, AKONING

## Inelastic levels



# AR040 NRG TENDL-2015, AKONING

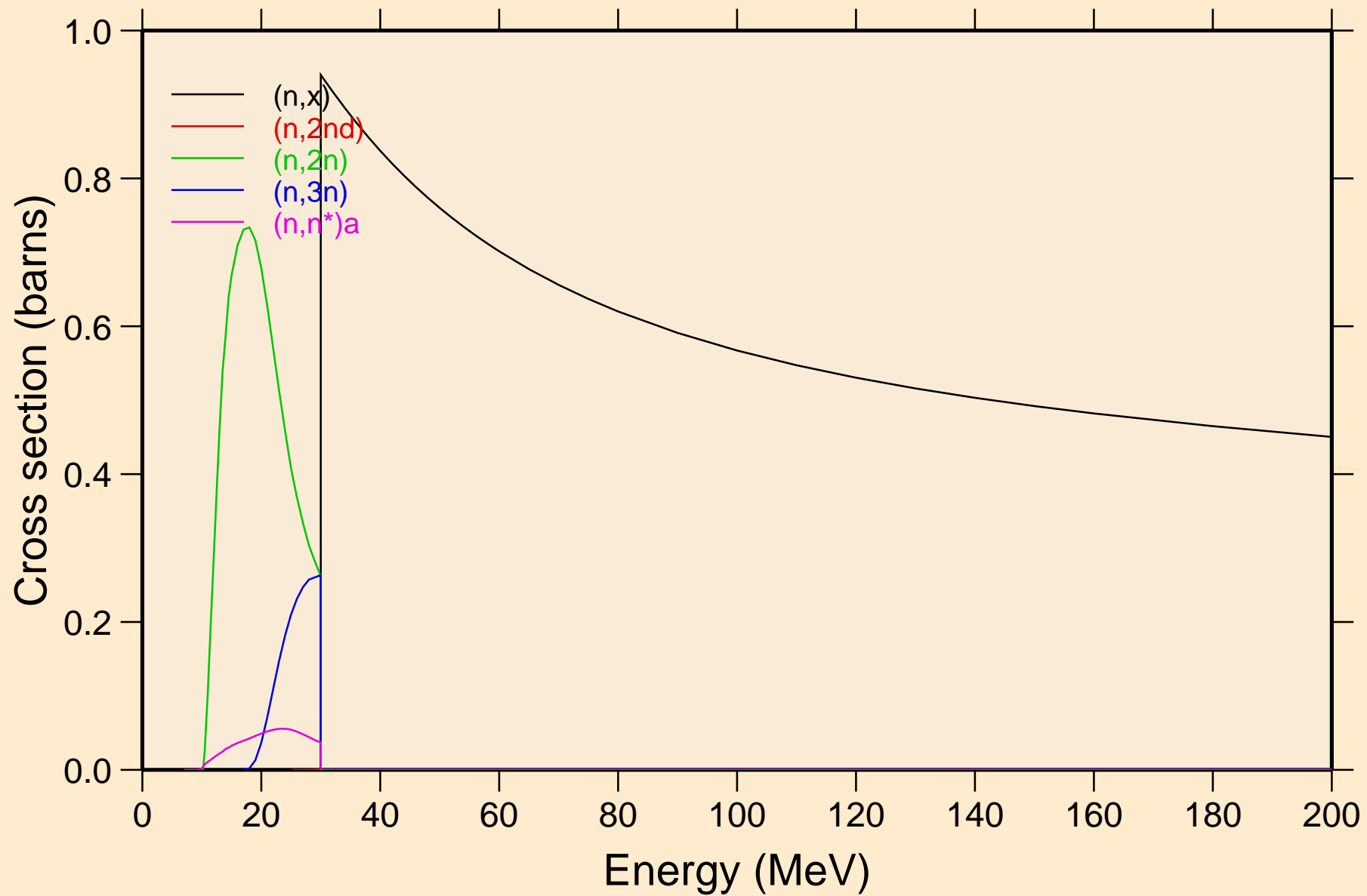
## Inelastic levels





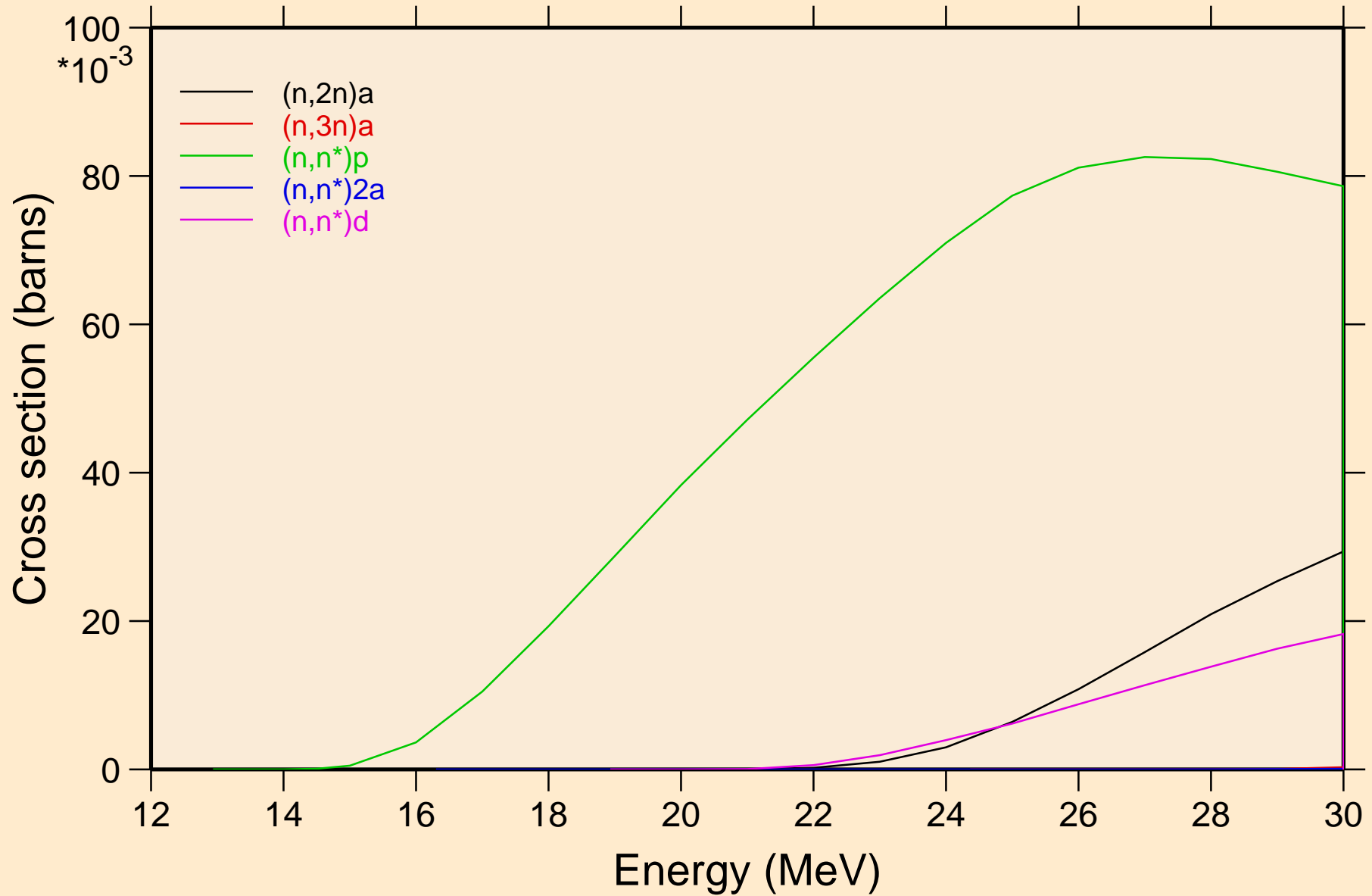
# AR040 NRG TENDL-2015, AKONING

## Threshold reactions



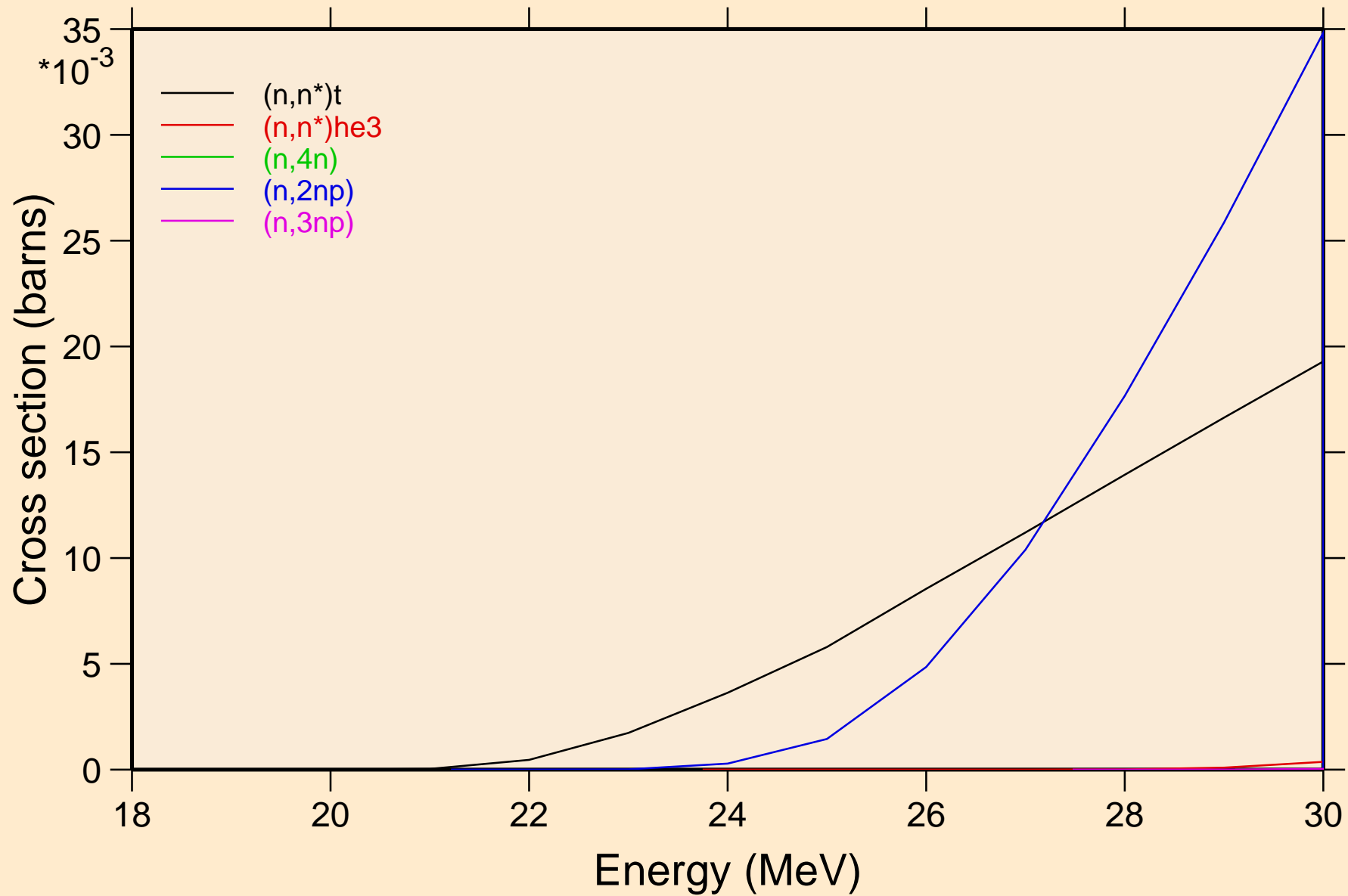
# AR040 NRG TENDL-2015, AKONING

## Threshold reactions



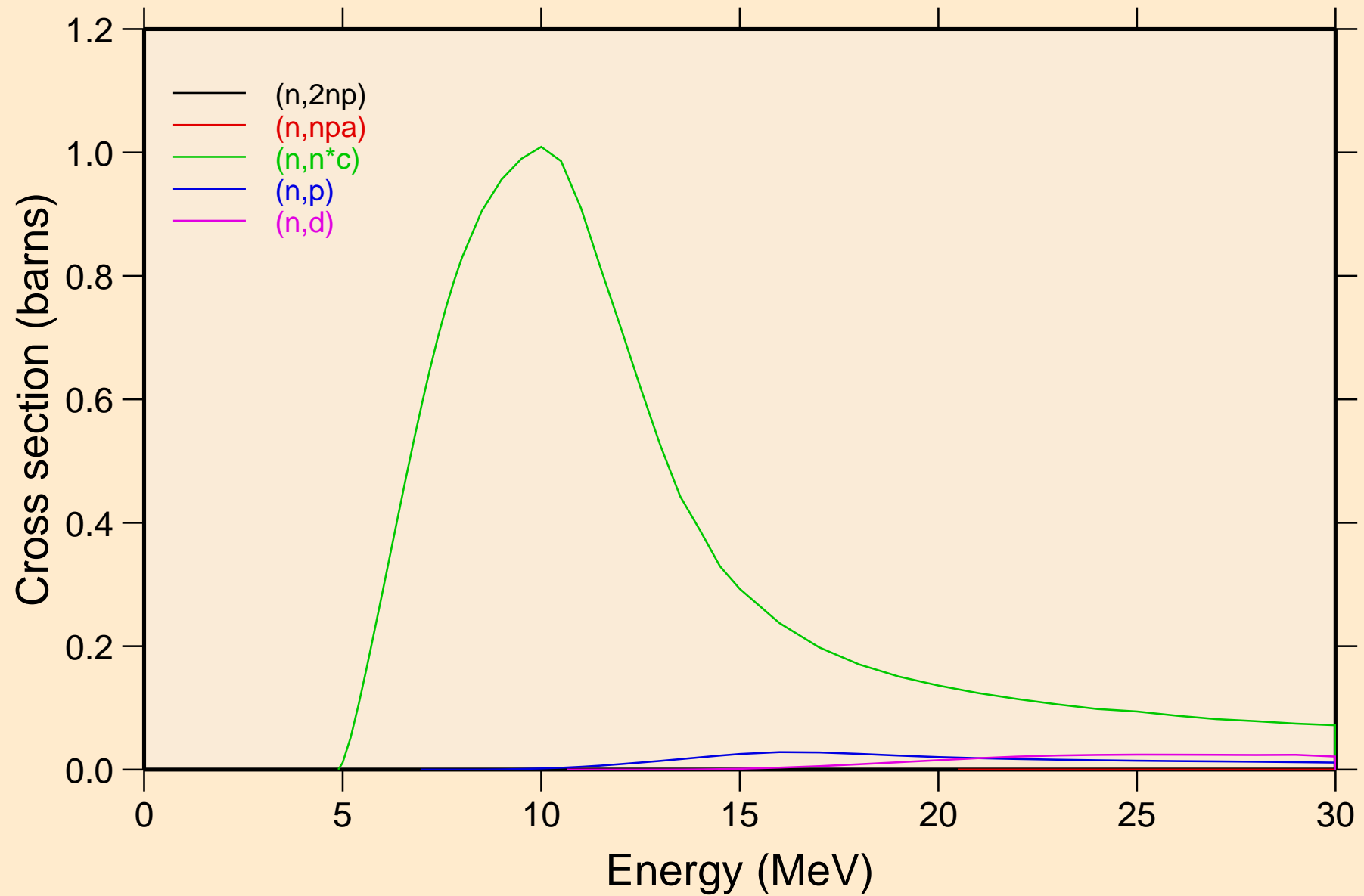
# AR040 NRG TENDL-2015, AKONING

## Threshold reactions



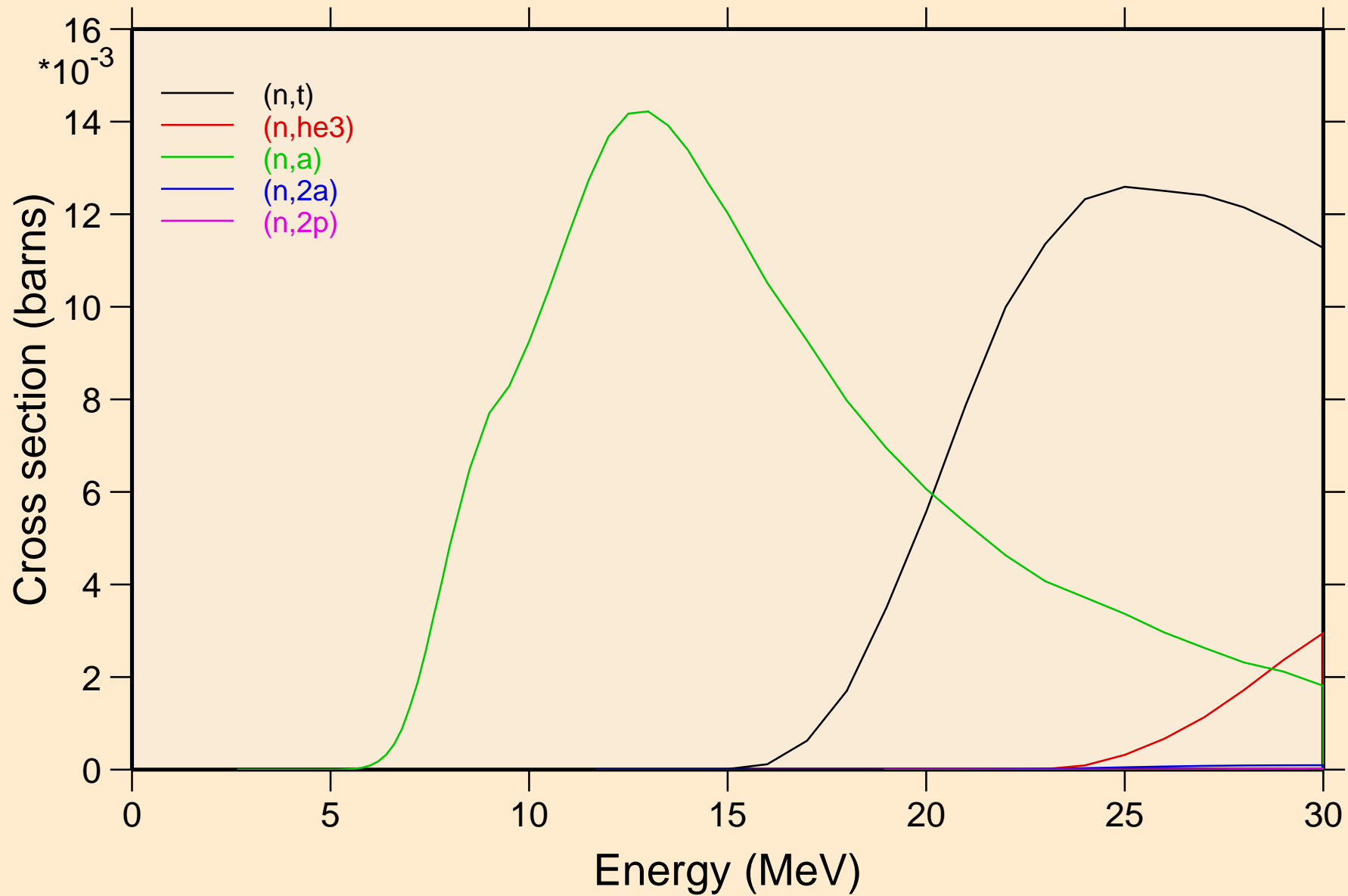
# AR040 NRG TENDL-2015, AKONING

## Threshold reactions



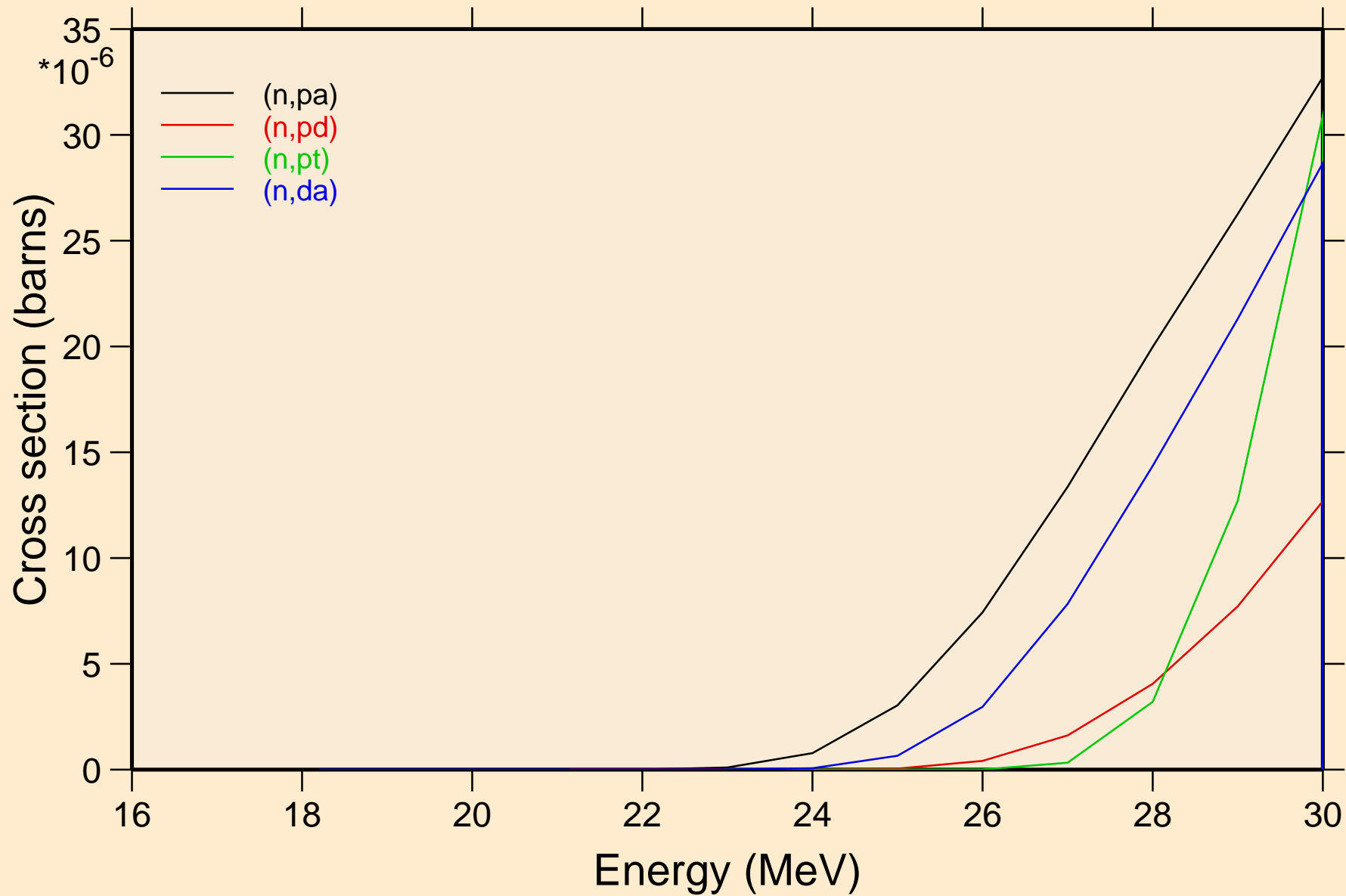
# AR040 NRG TENDL-2015, AKONING

## Threshold reactions

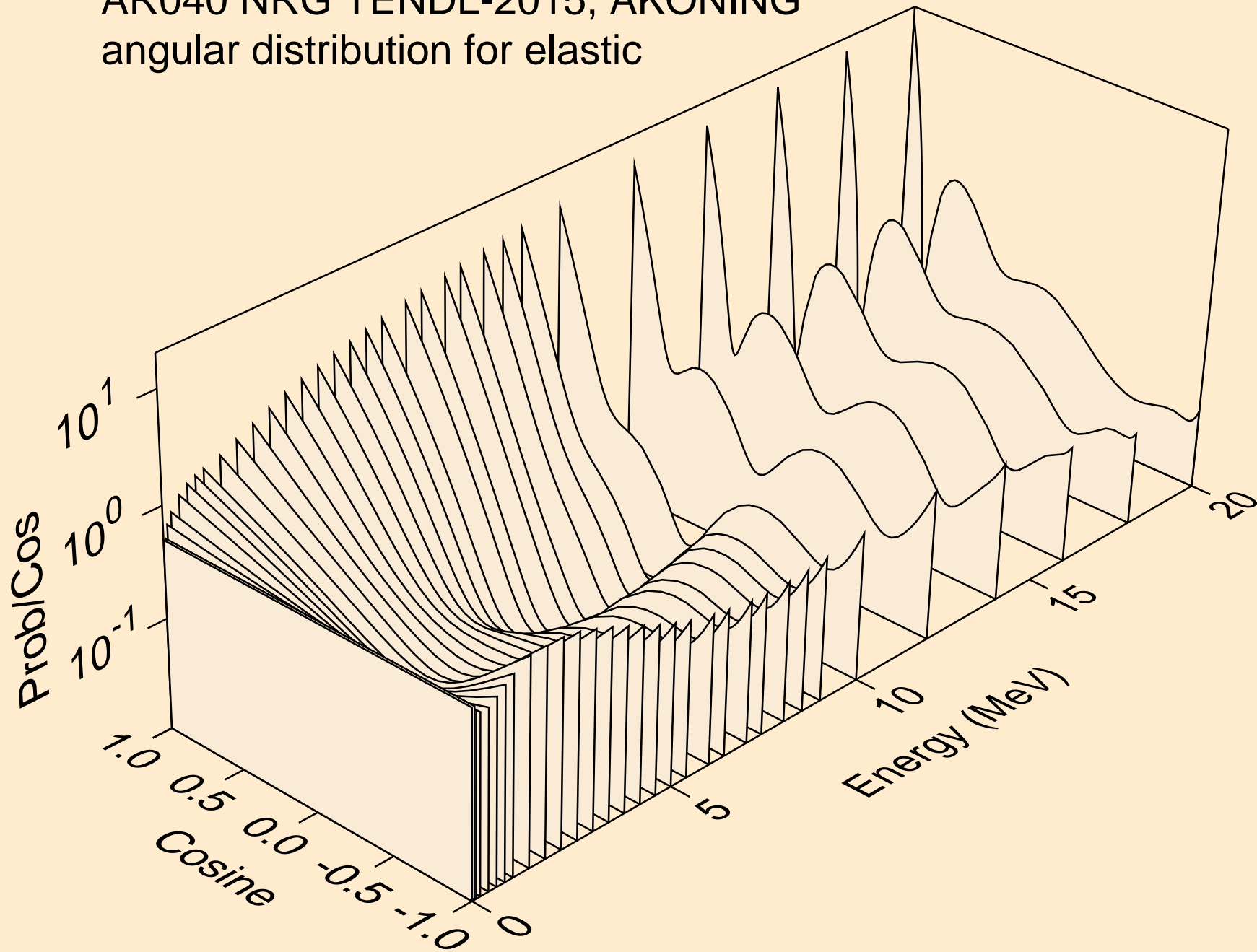


# AR040 NRG TENDL-2015, AKONING

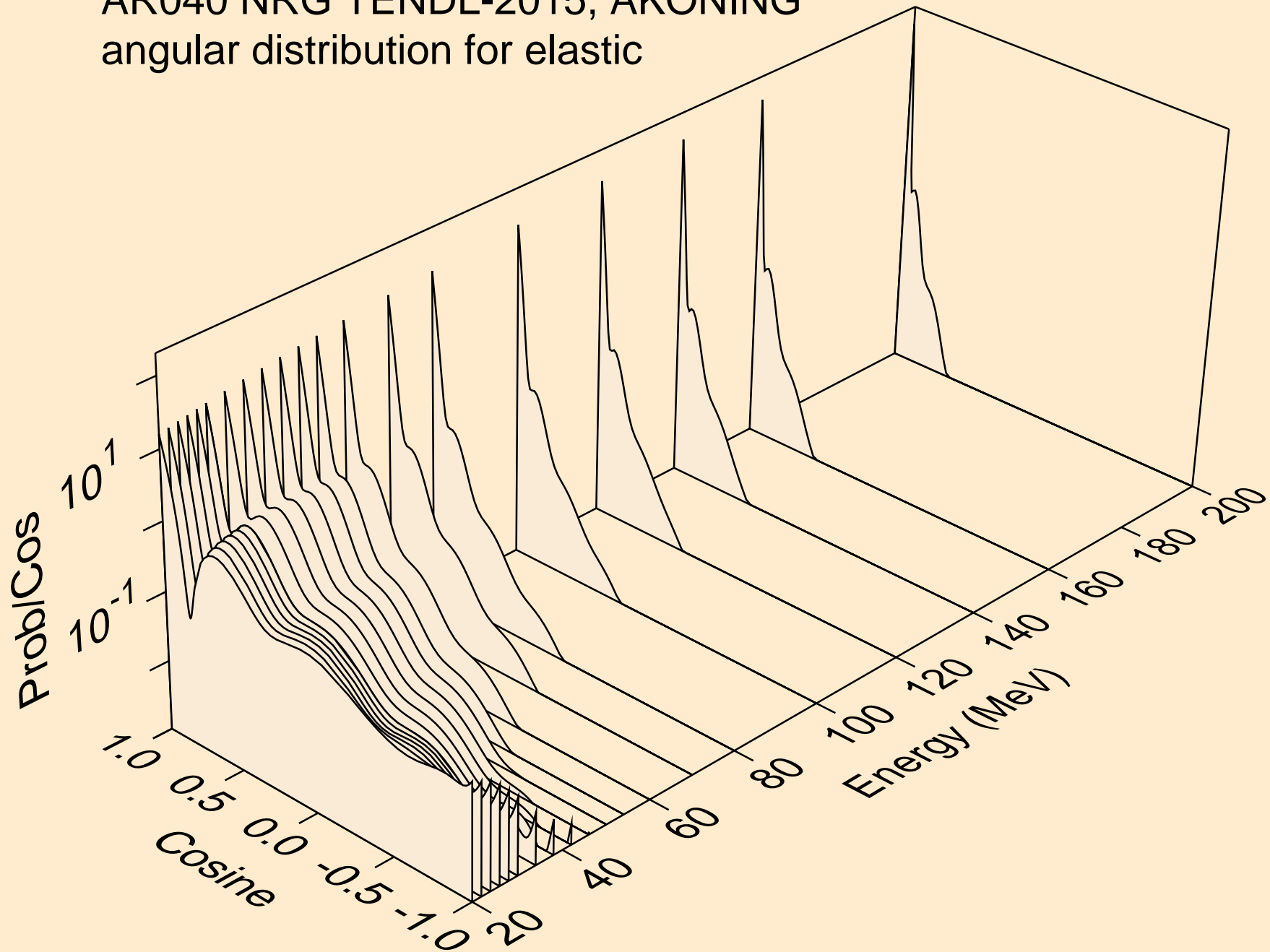
## Threshold reactions



AR040 NRG TENDL-2015, AKONING  
angular distribution for elastic

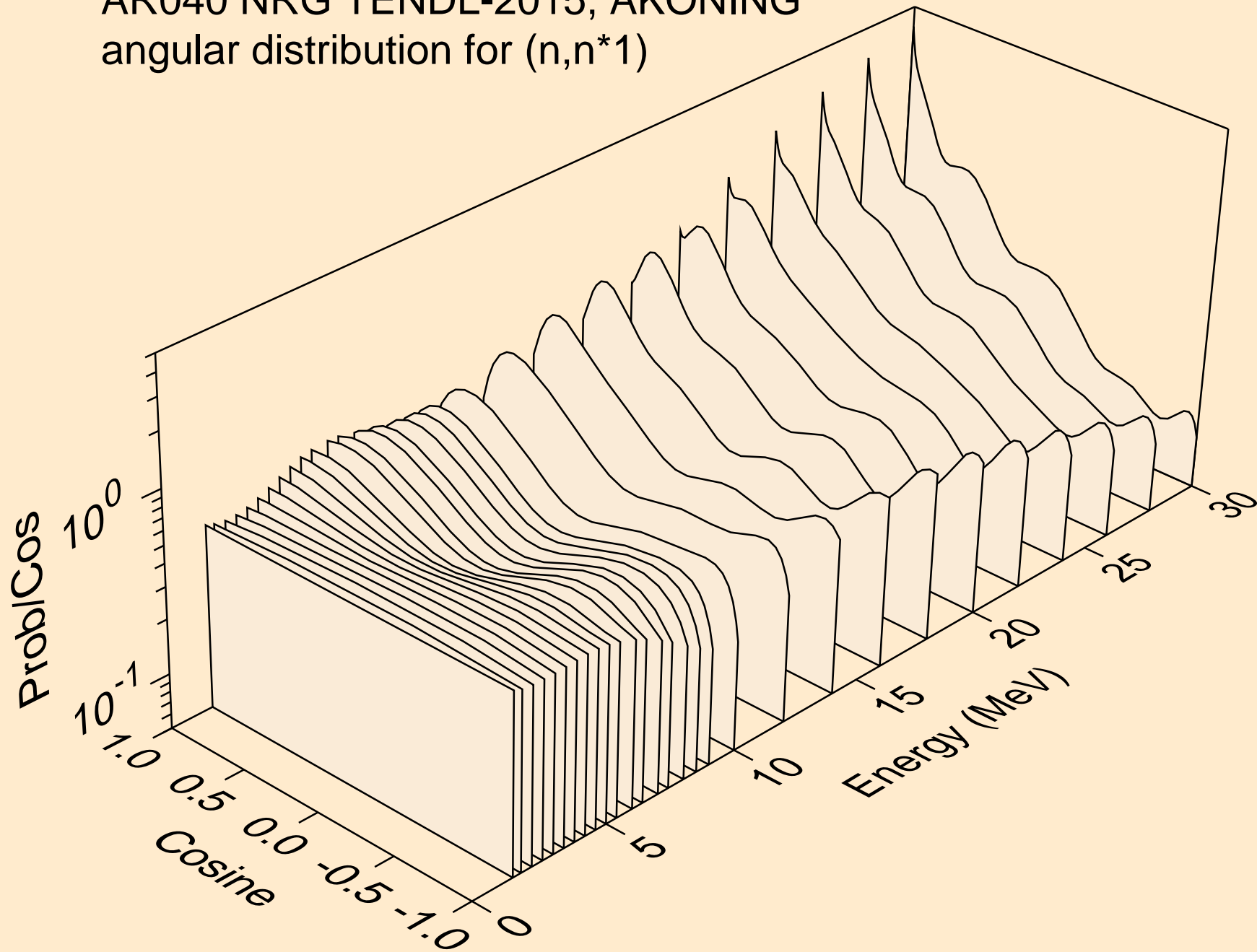


AR040 NRG TENDL-2015, AKONING  
angular distribution for elastic

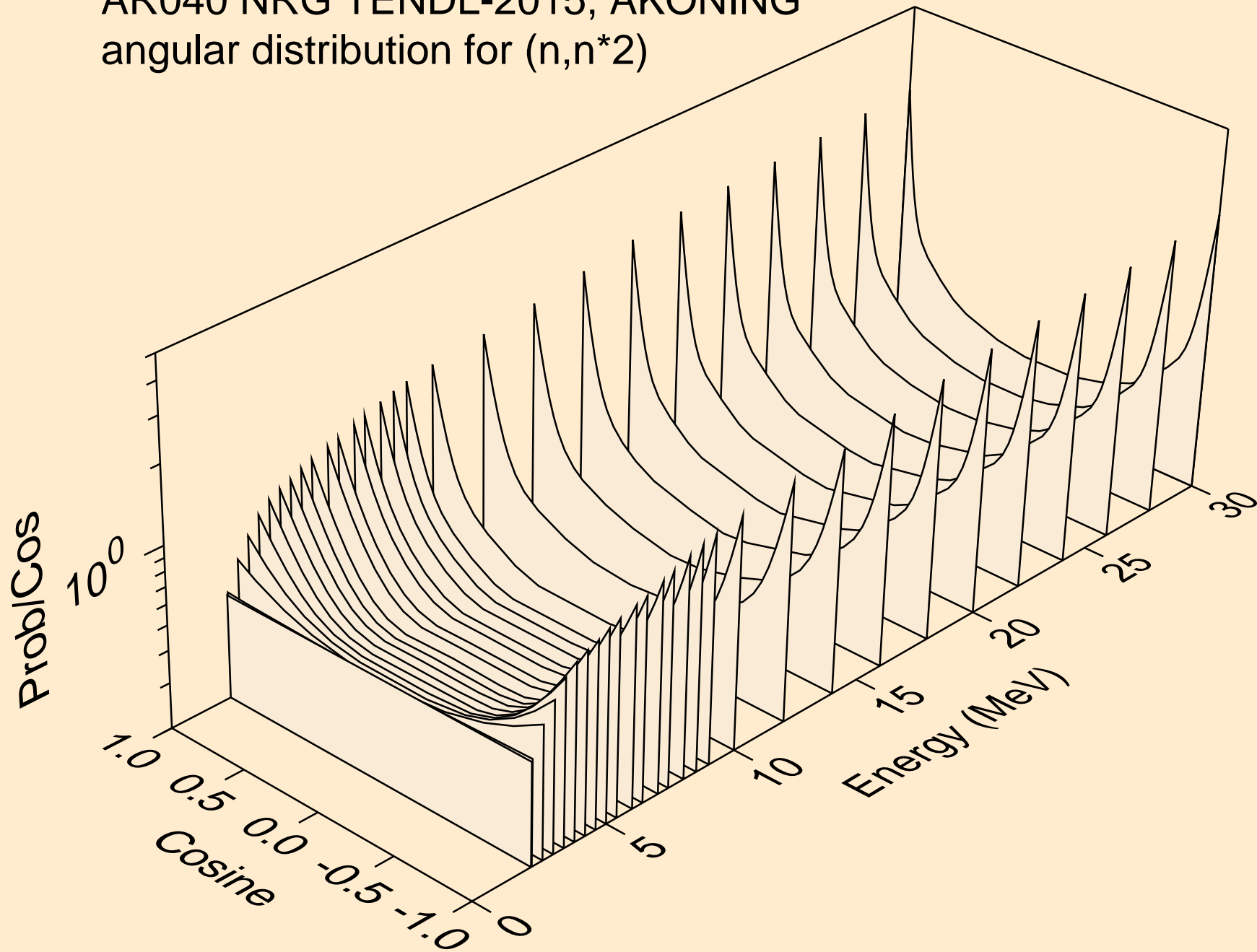




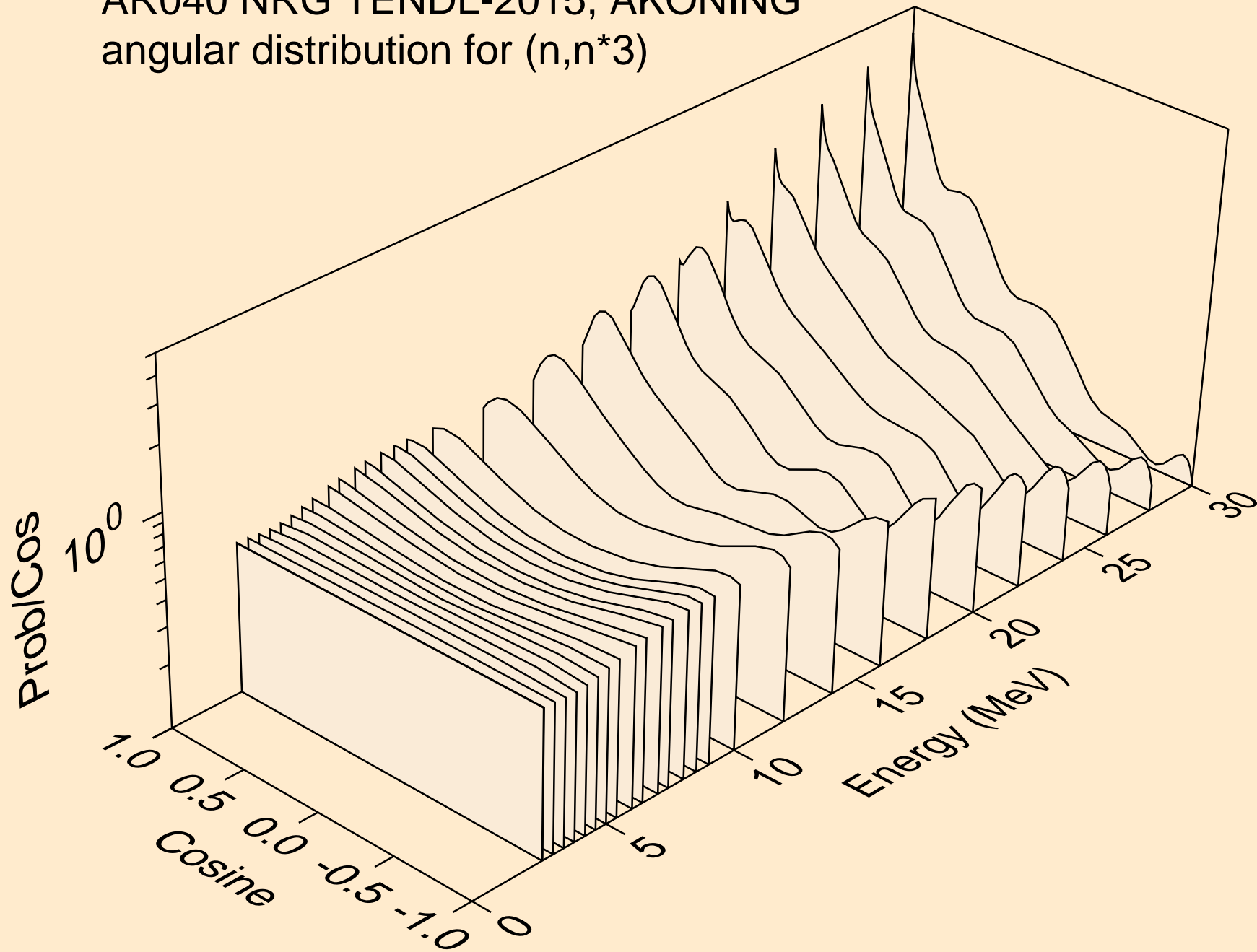
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



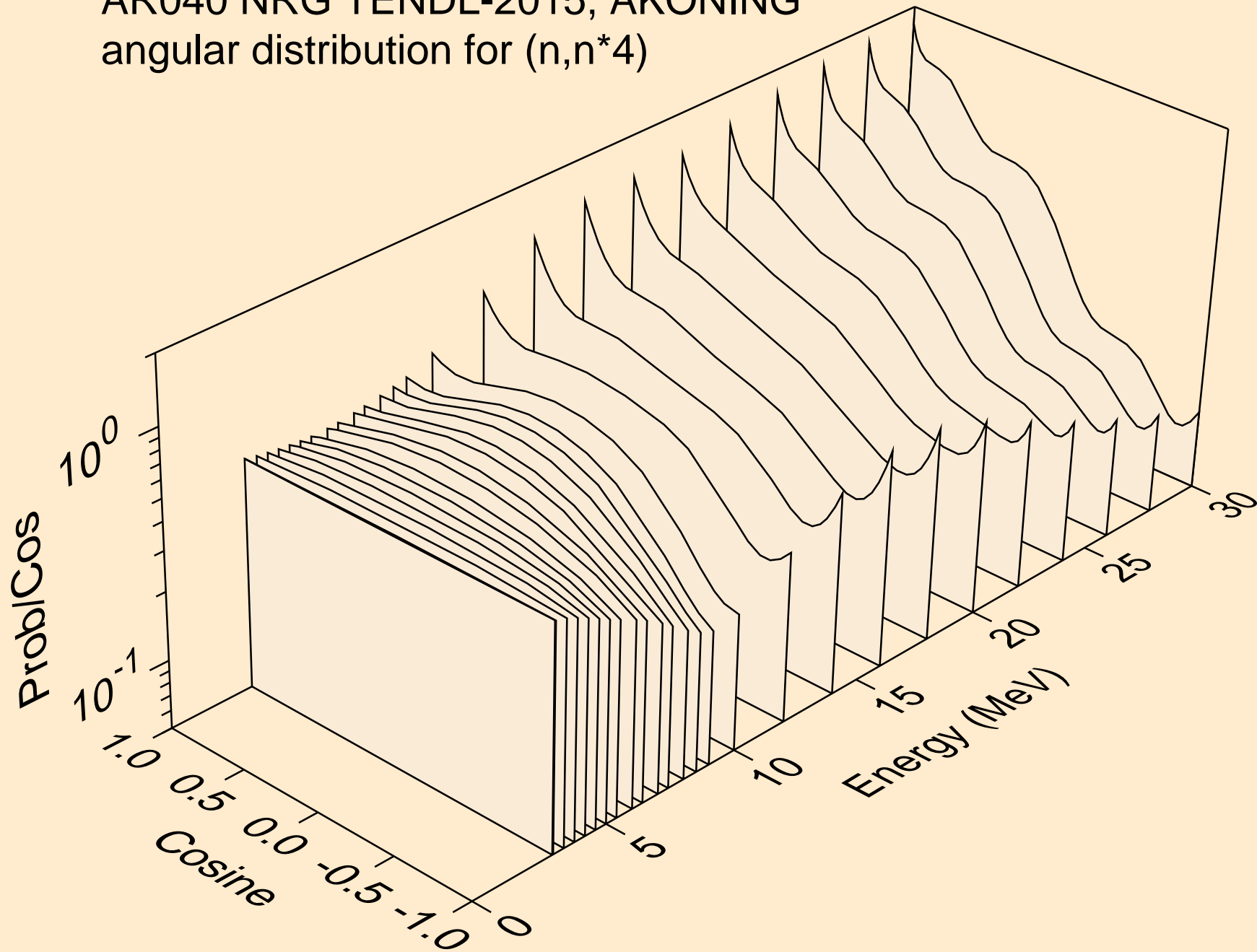
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



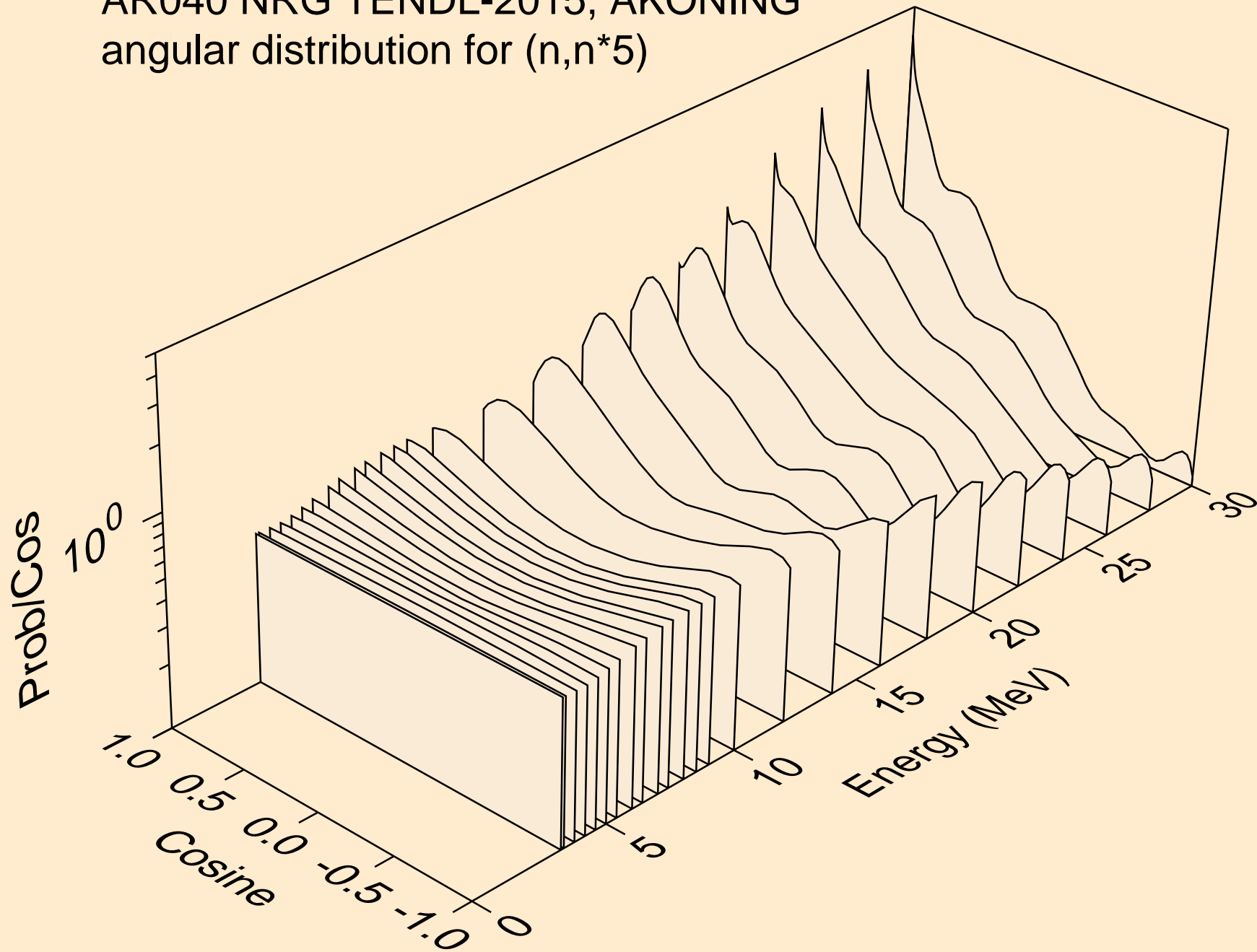
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



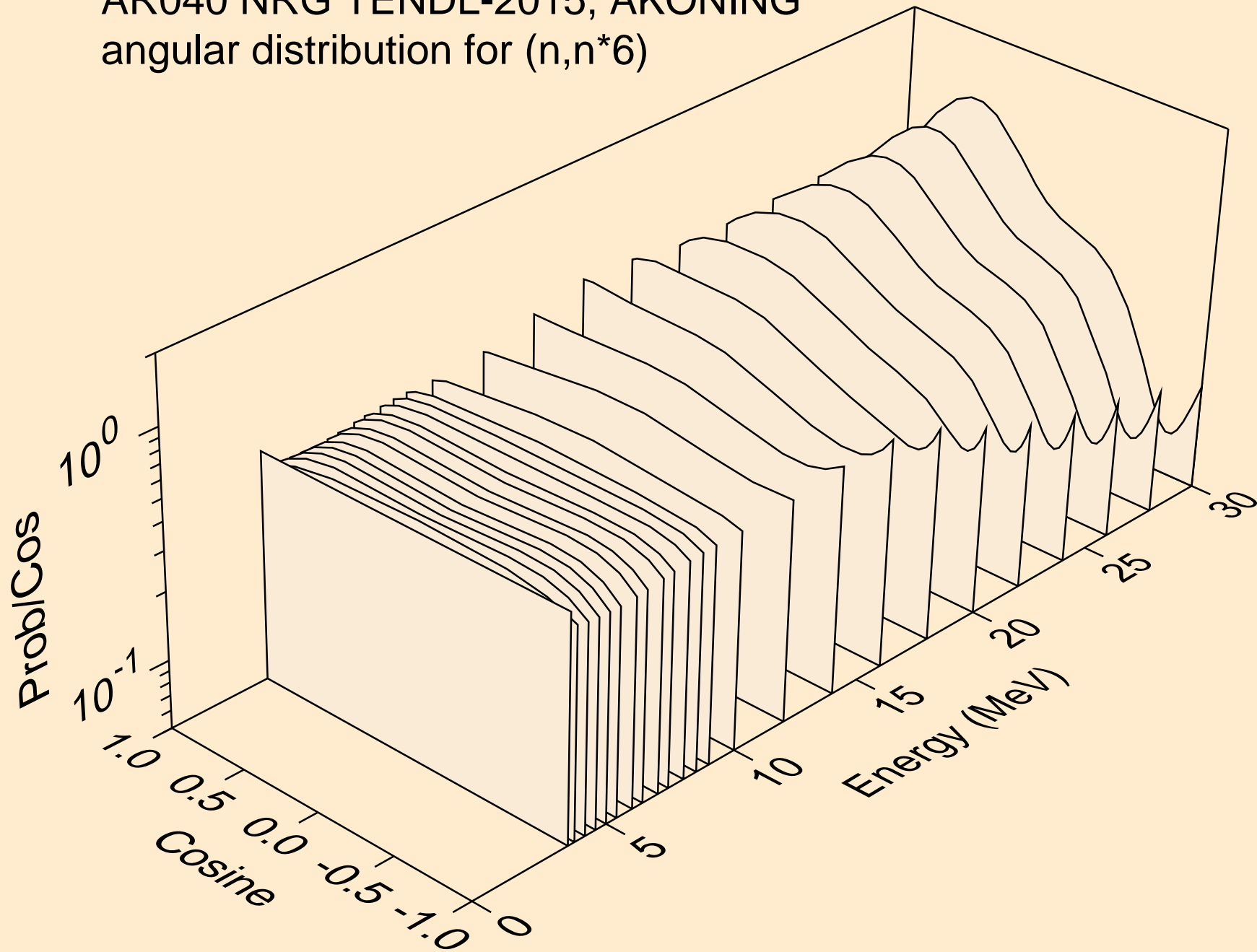
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



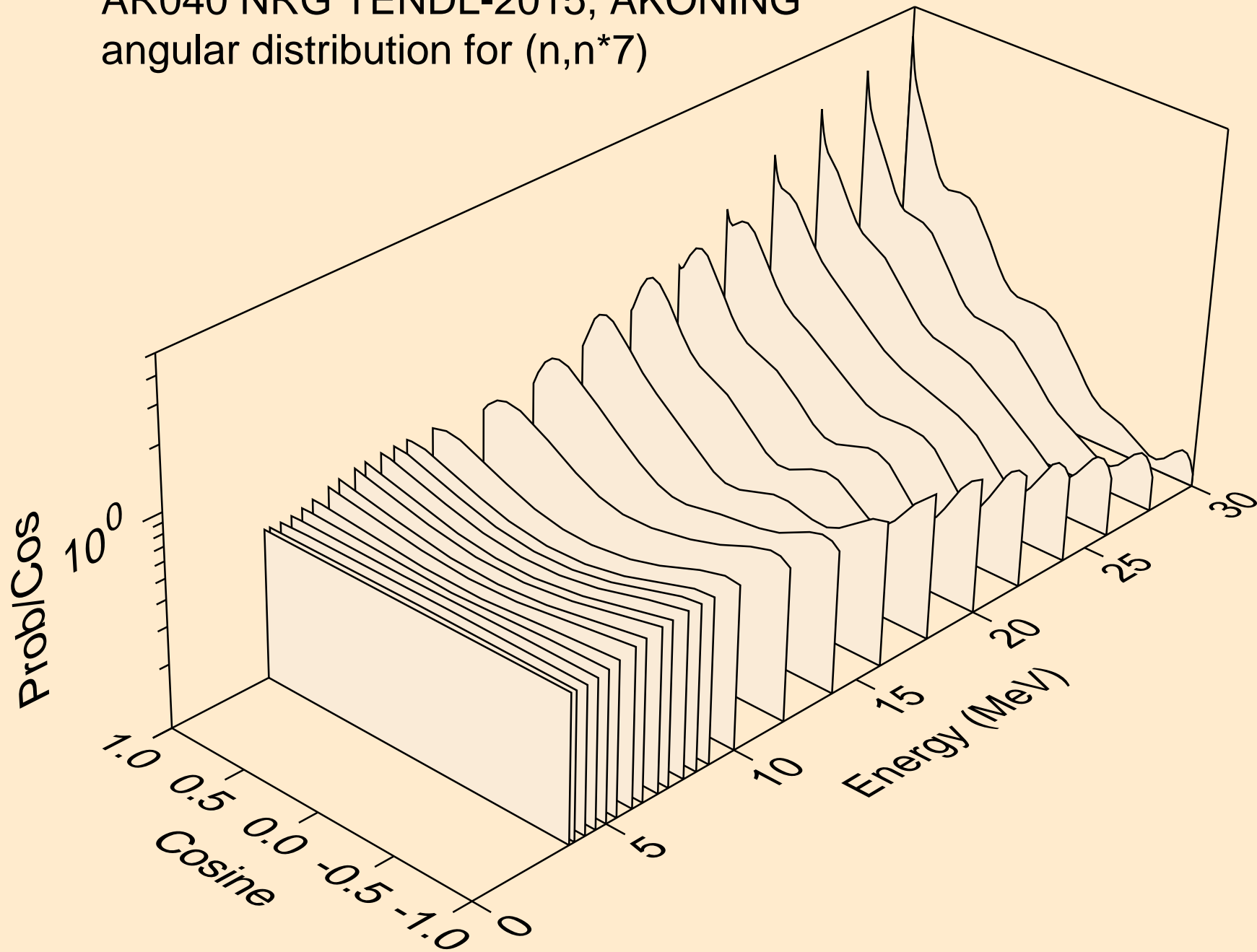
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



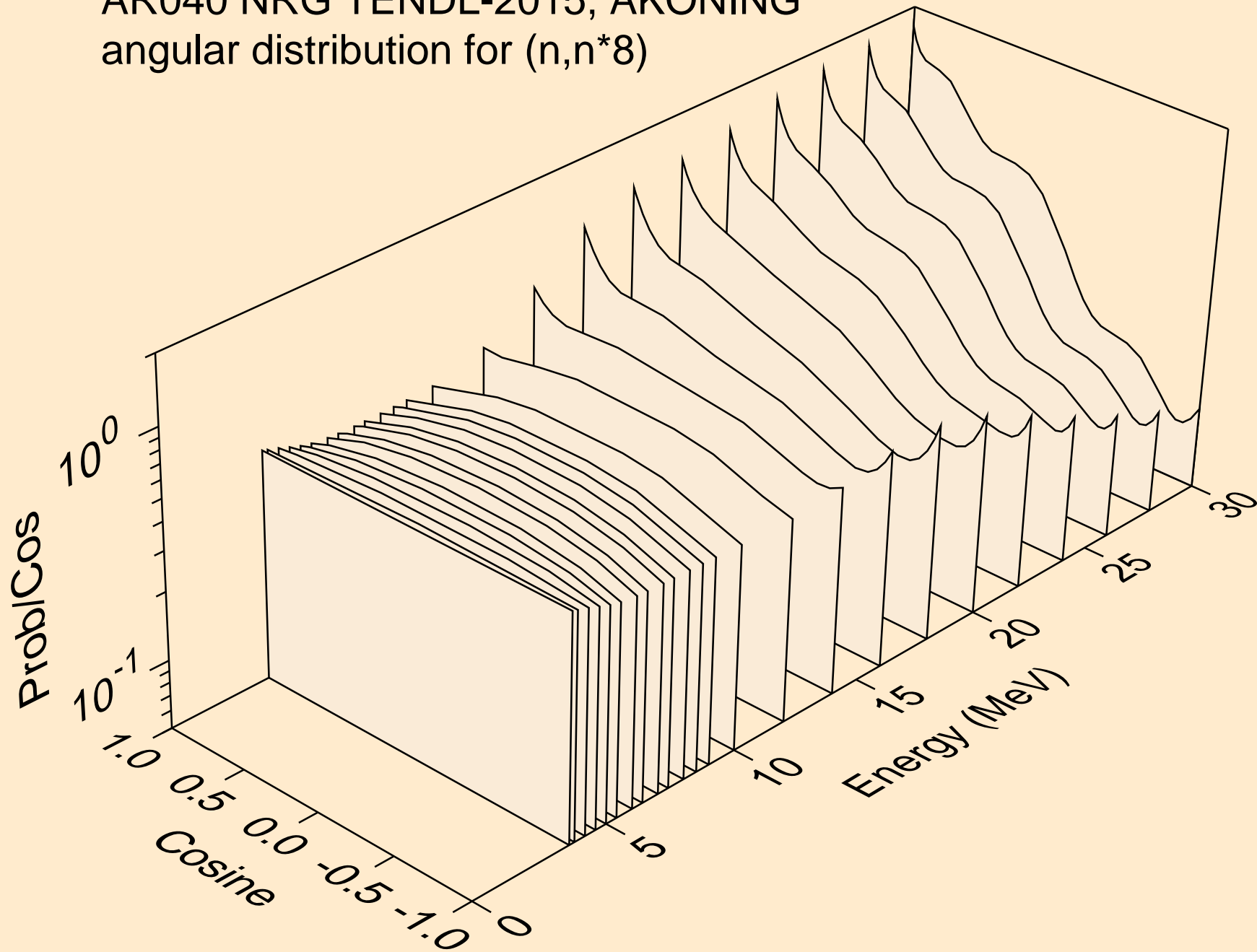
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

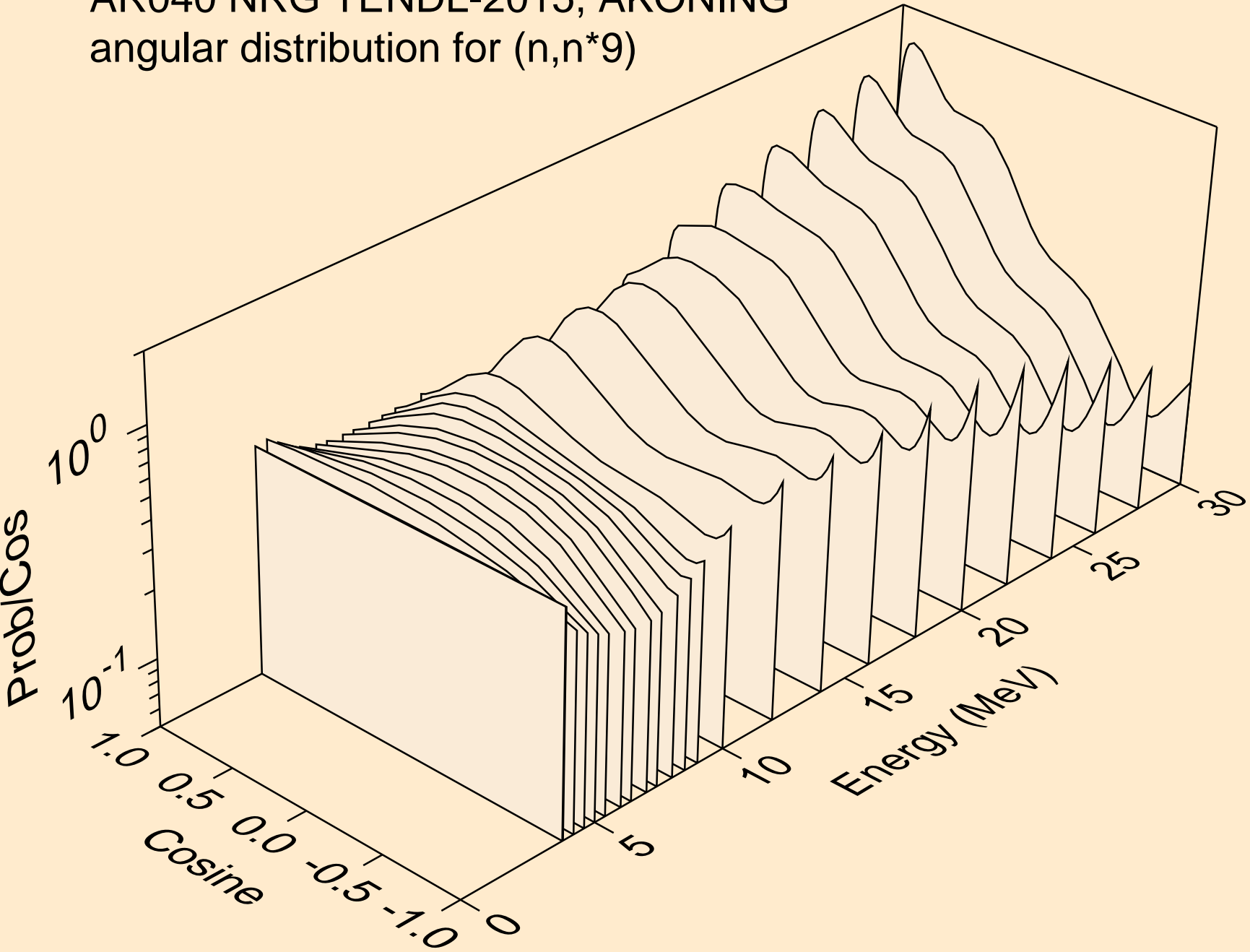


AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

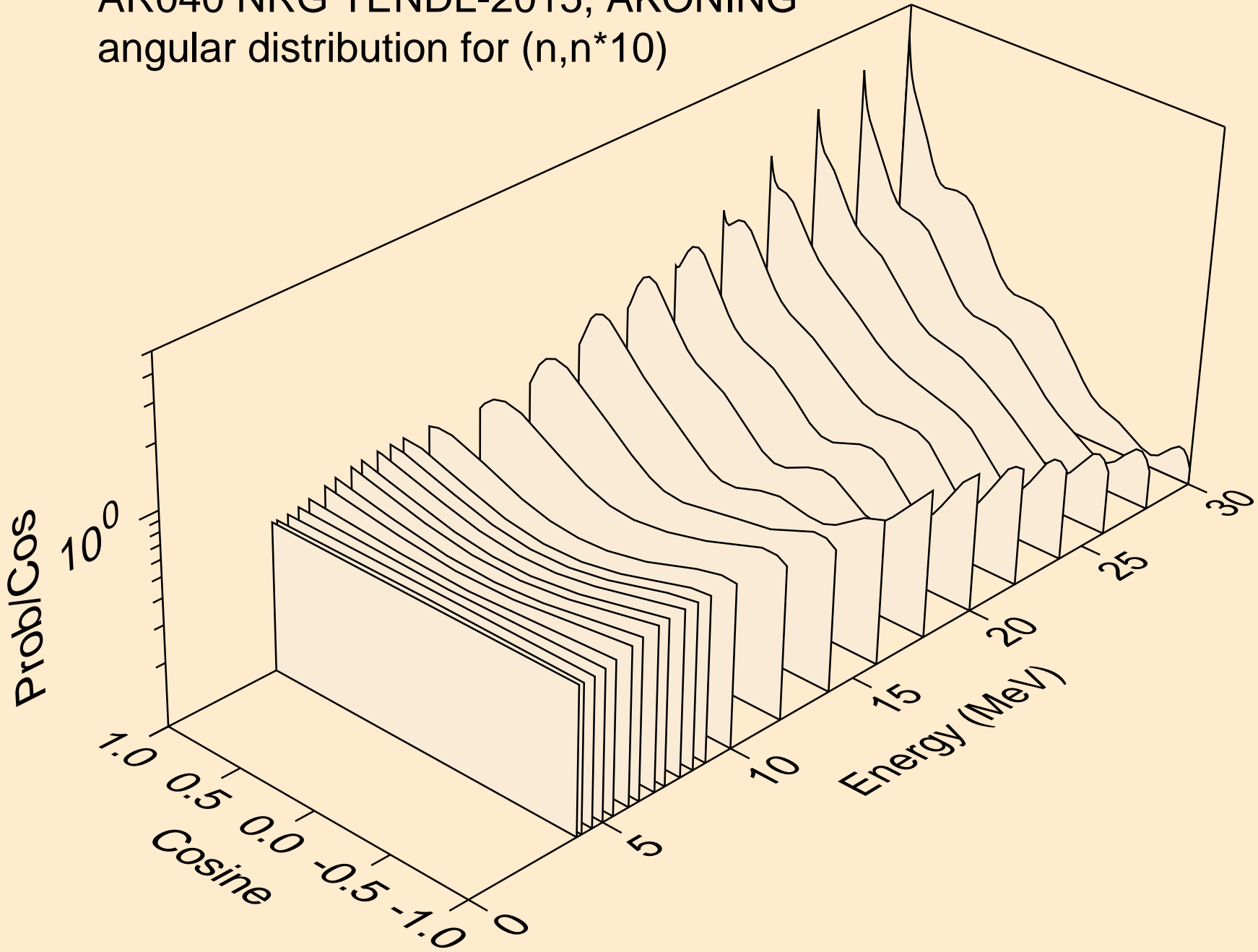




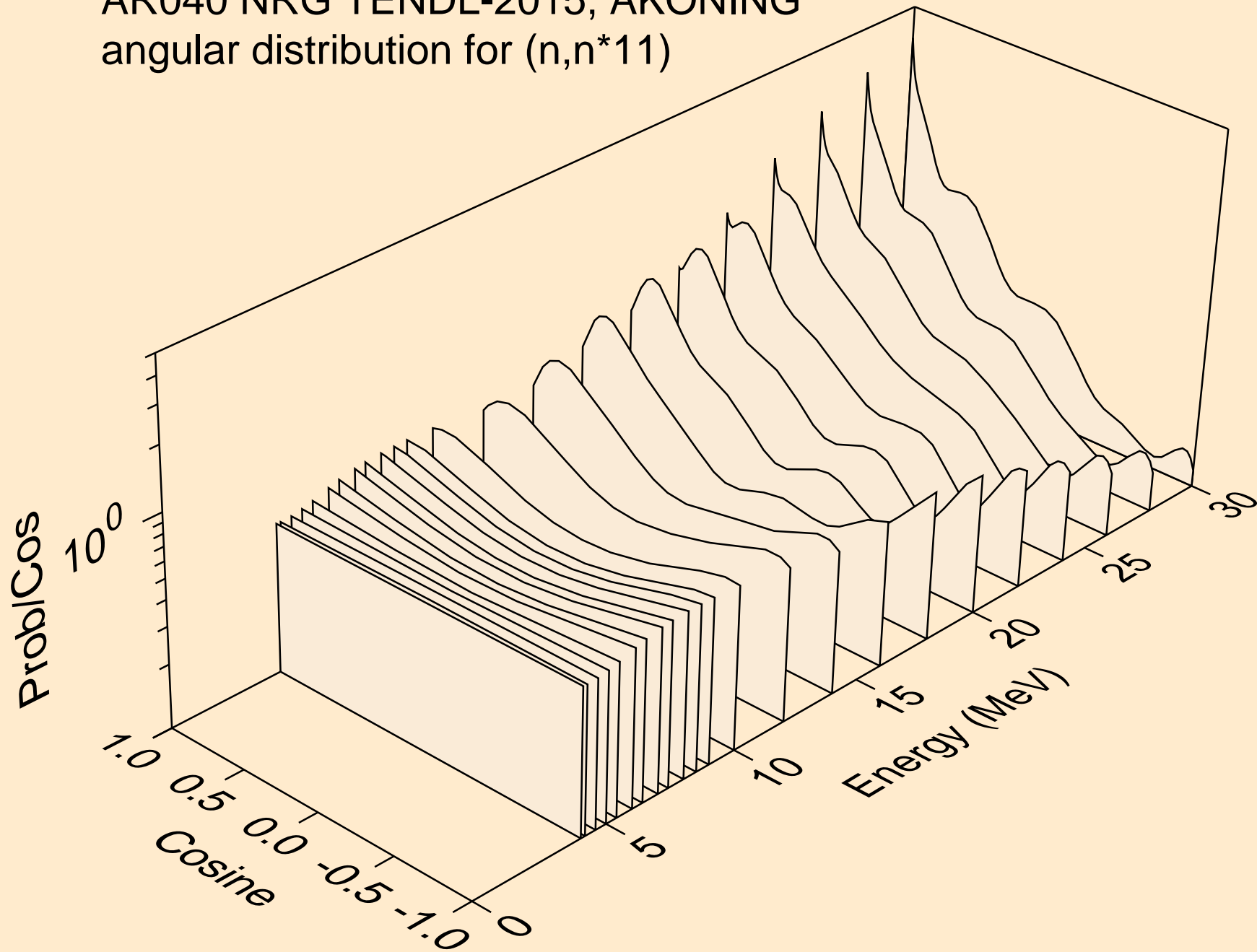
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



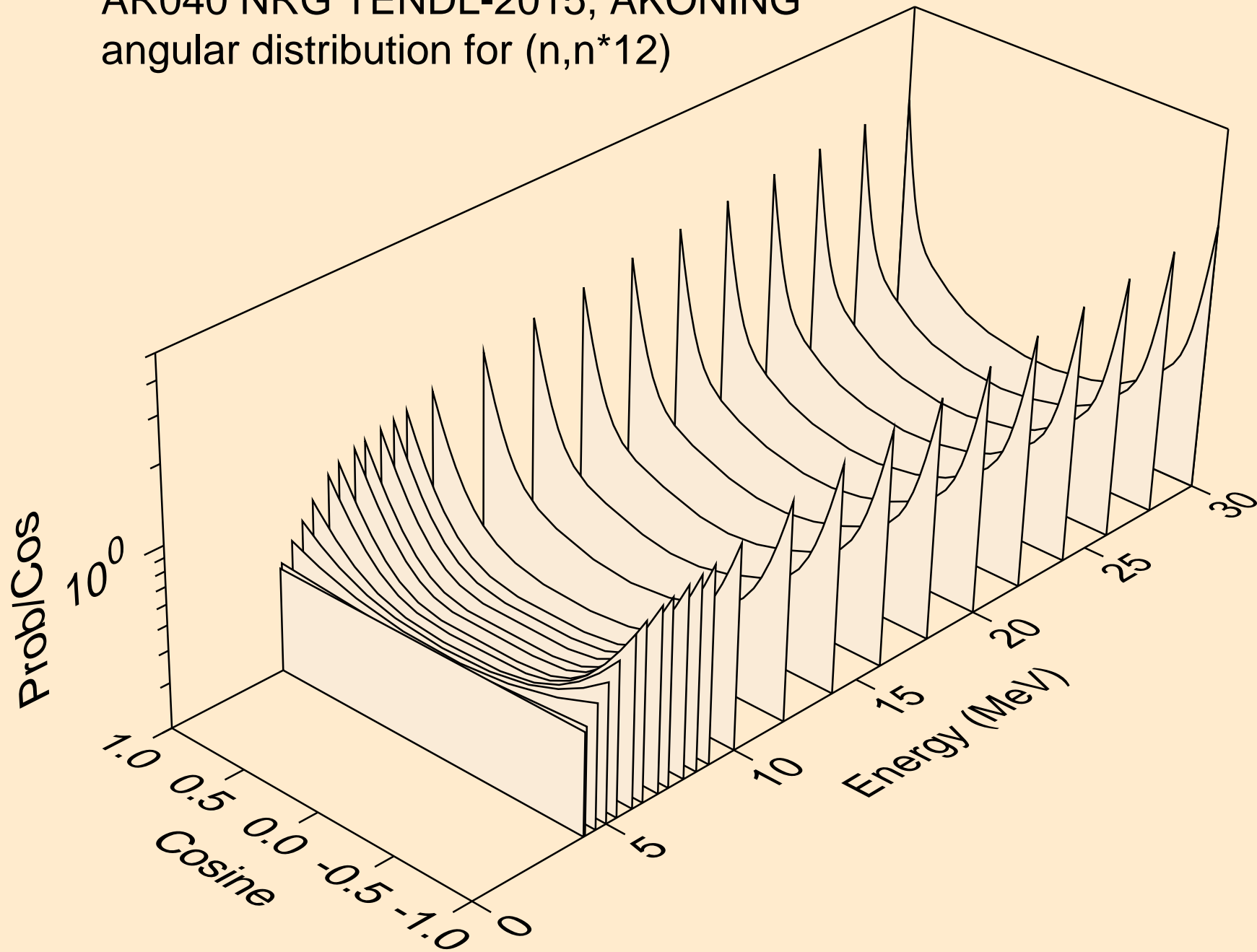
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



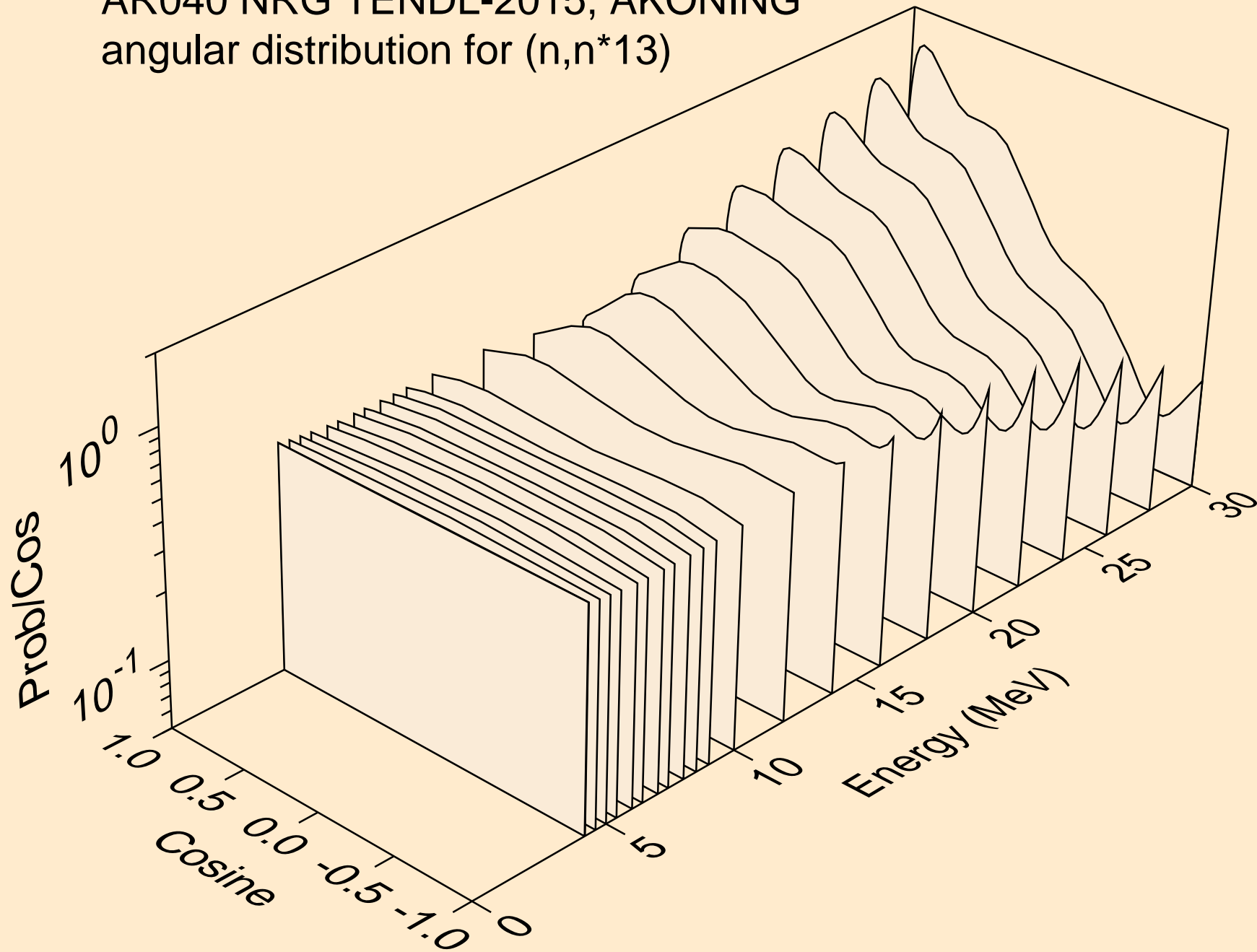
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



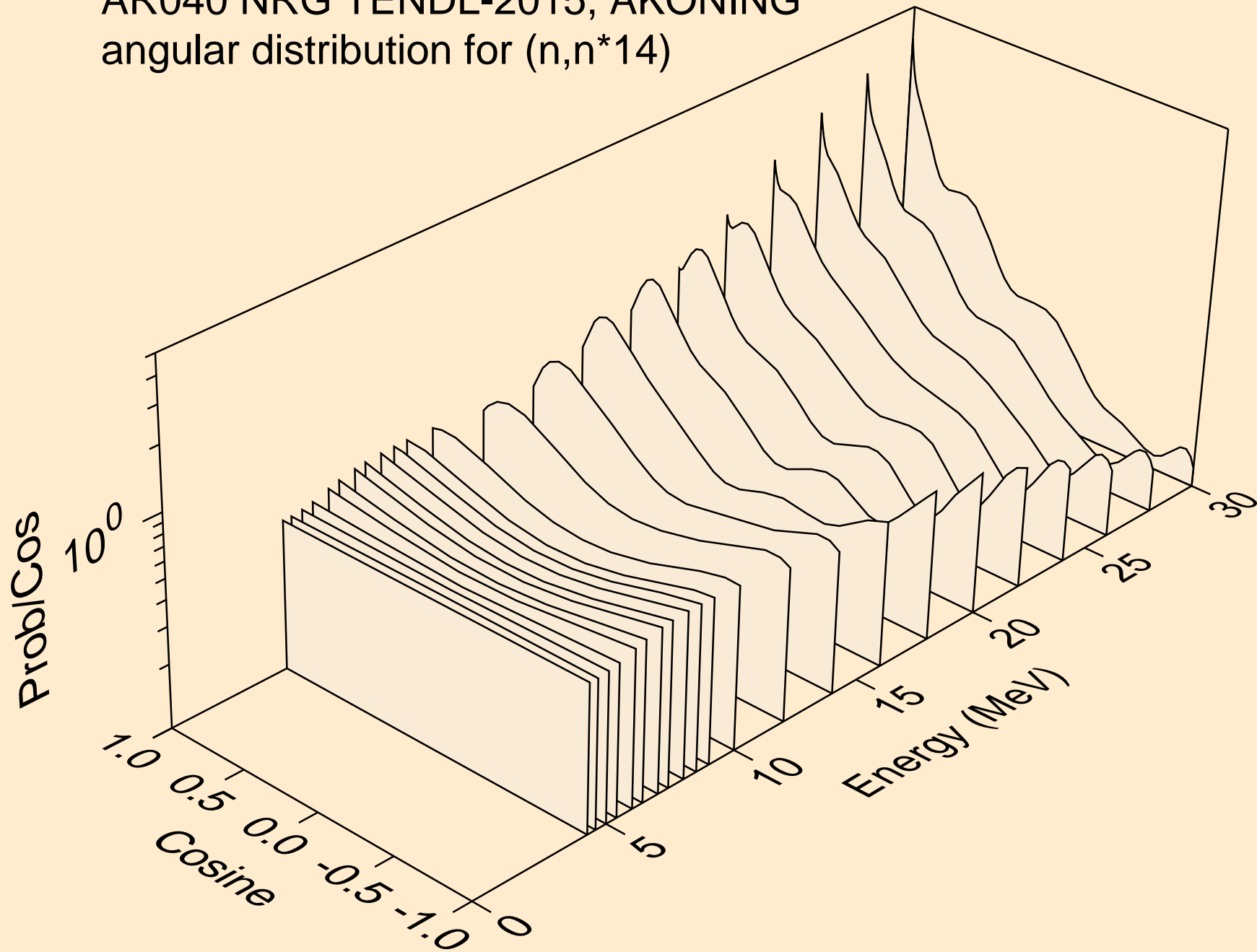
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



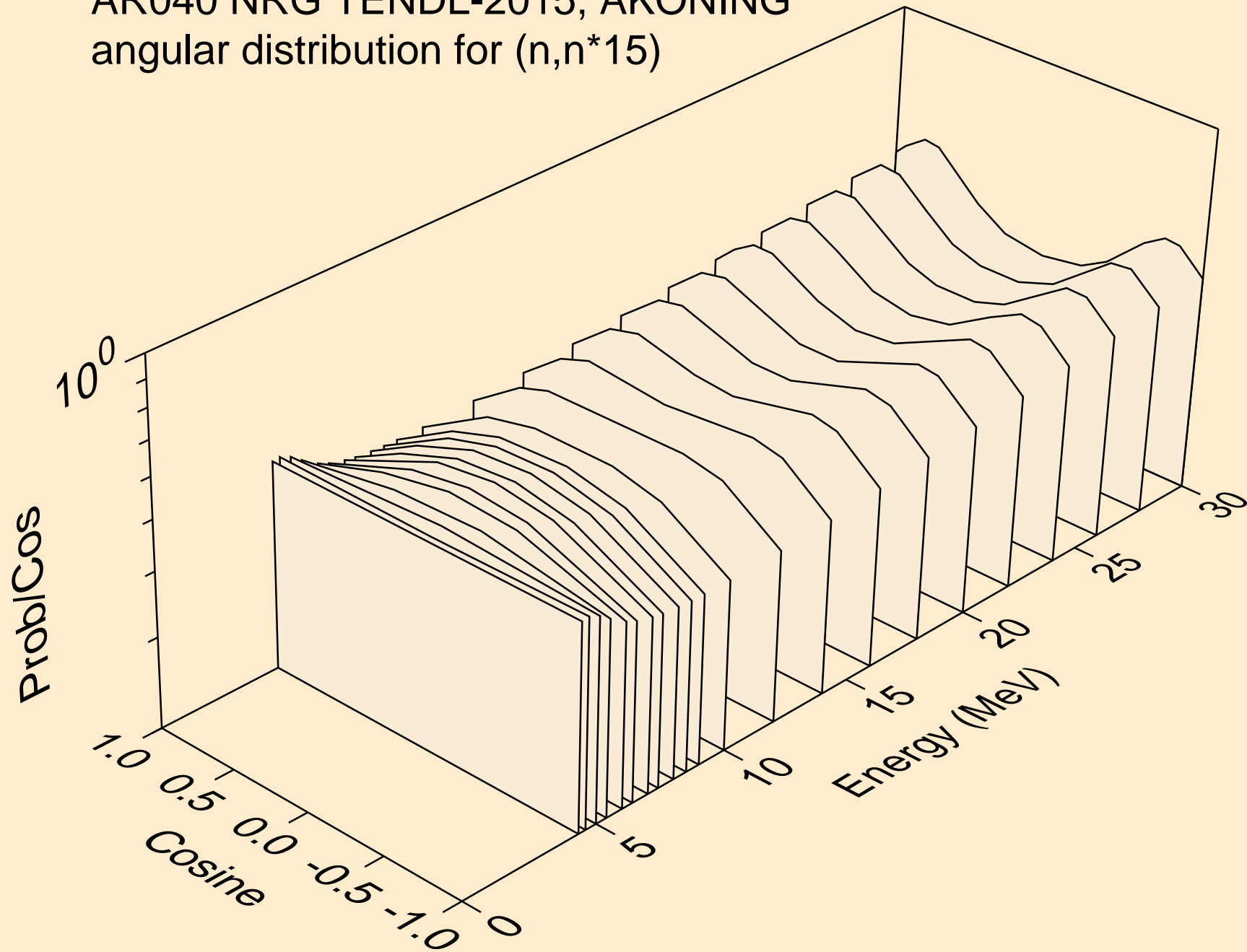
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



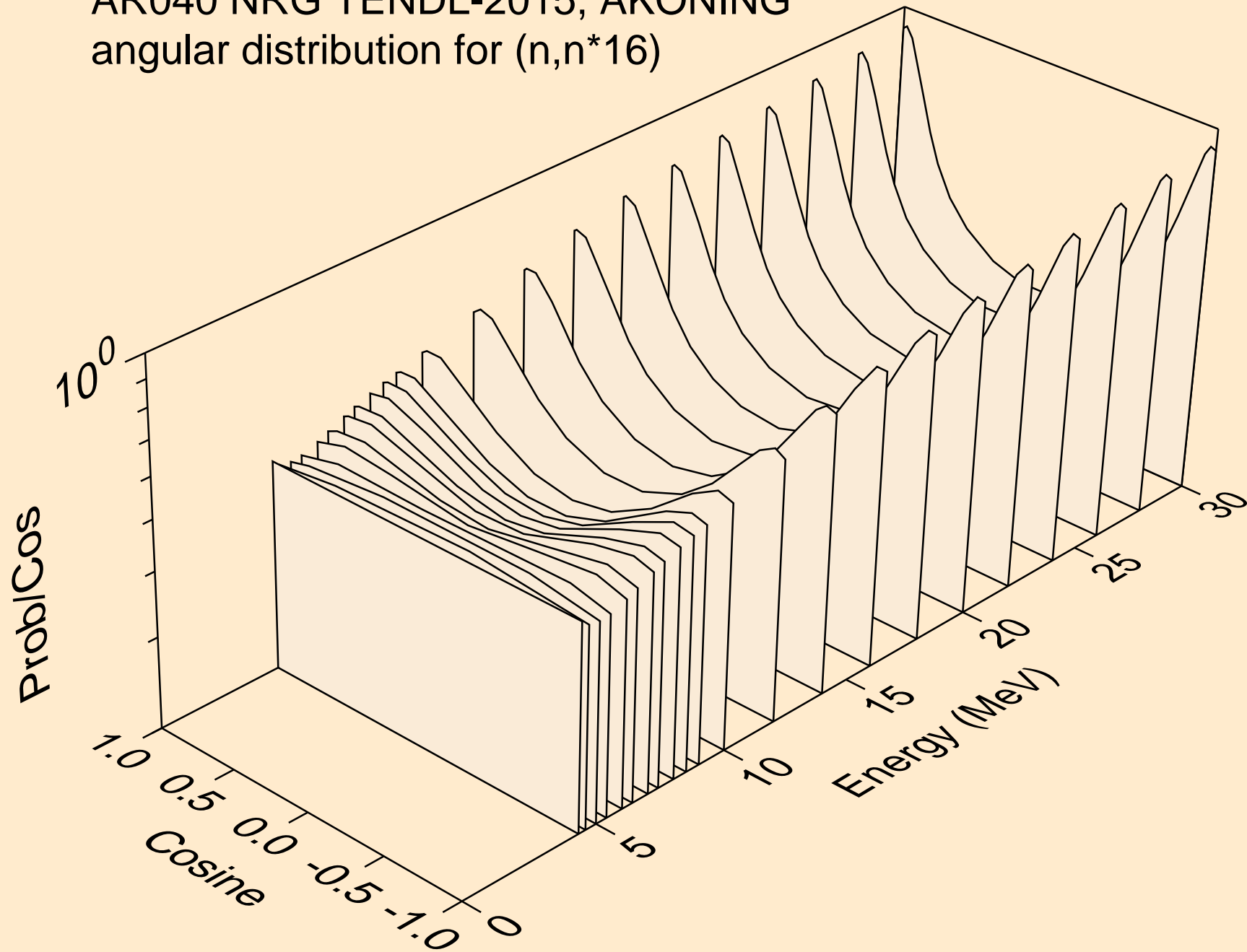
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

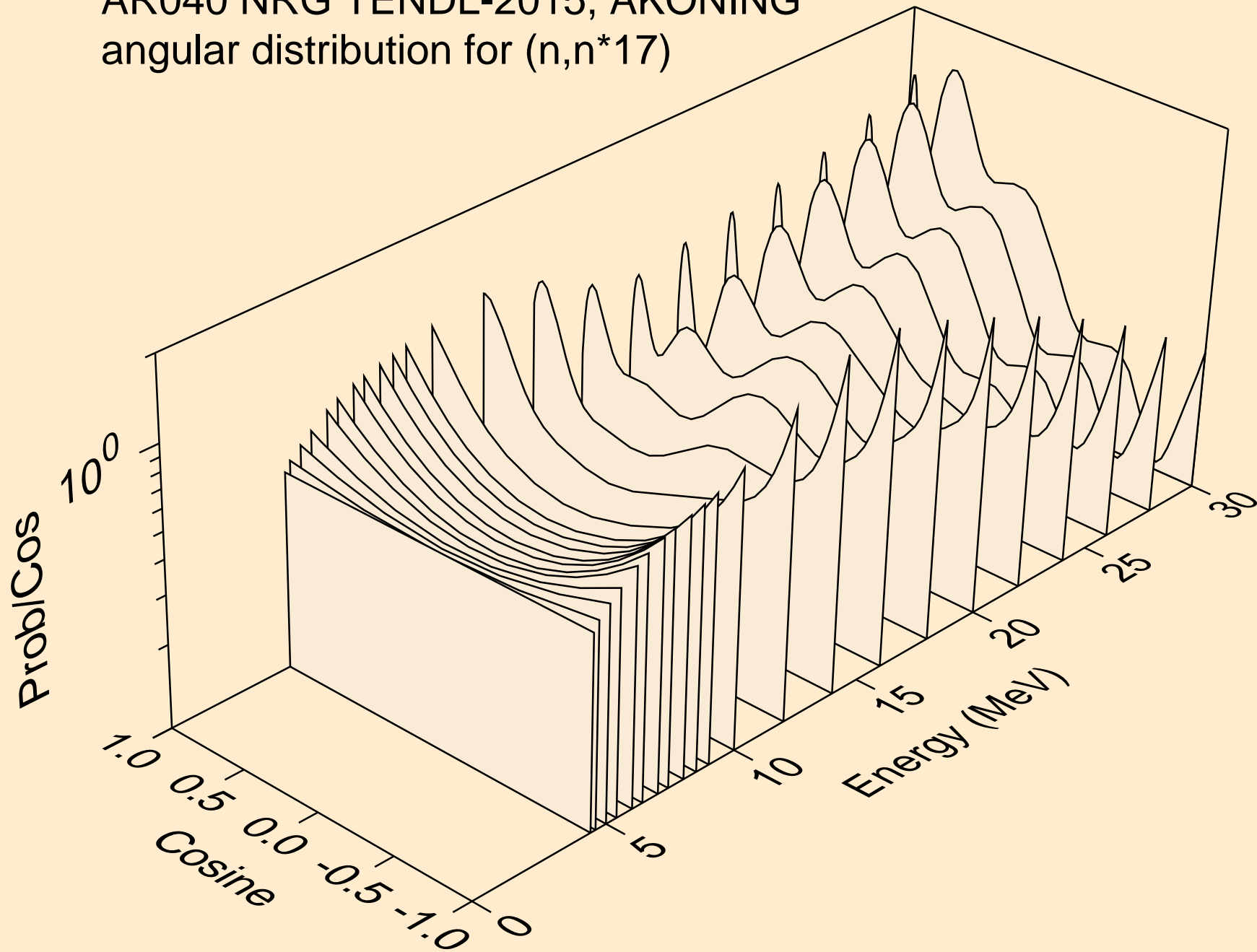


AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

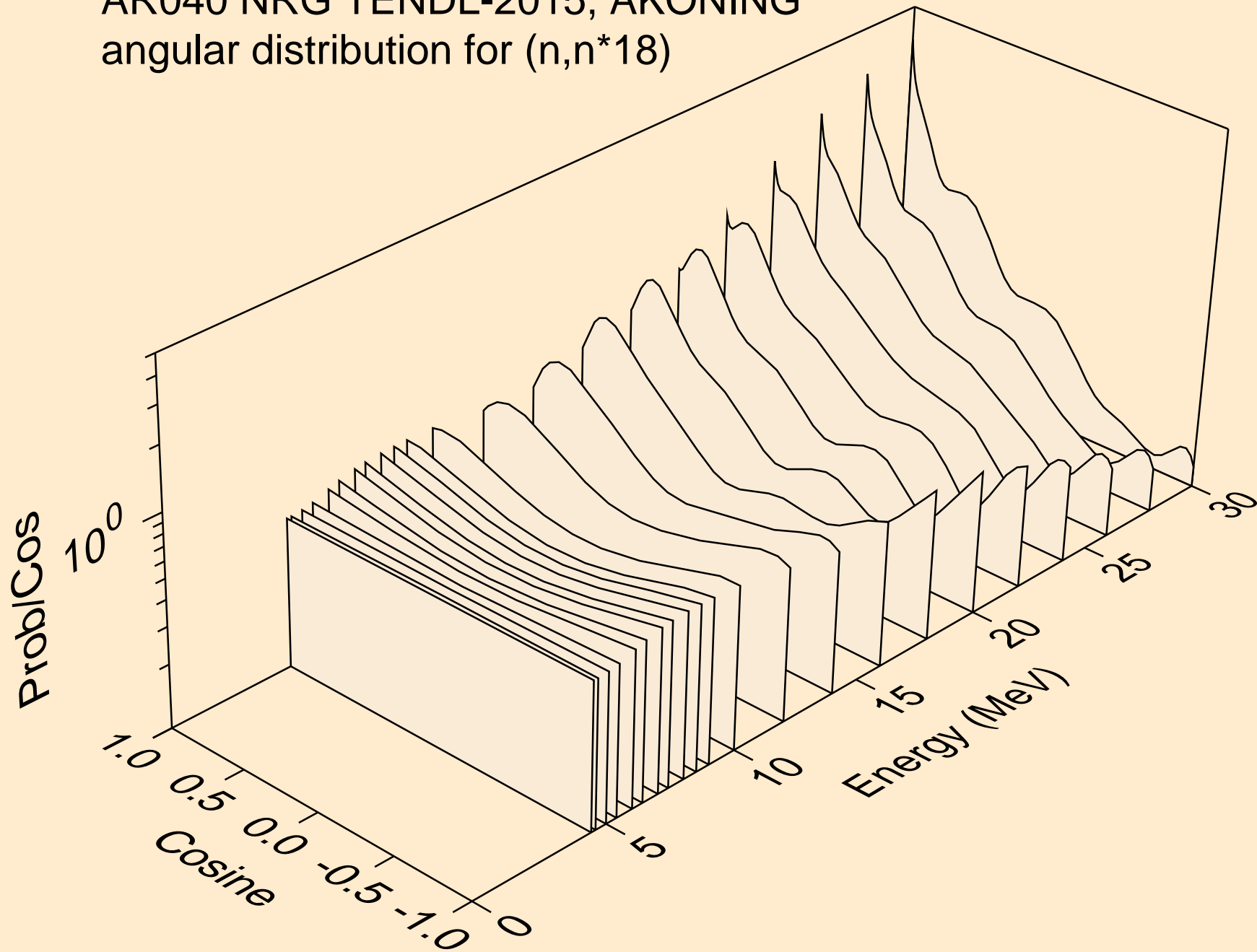




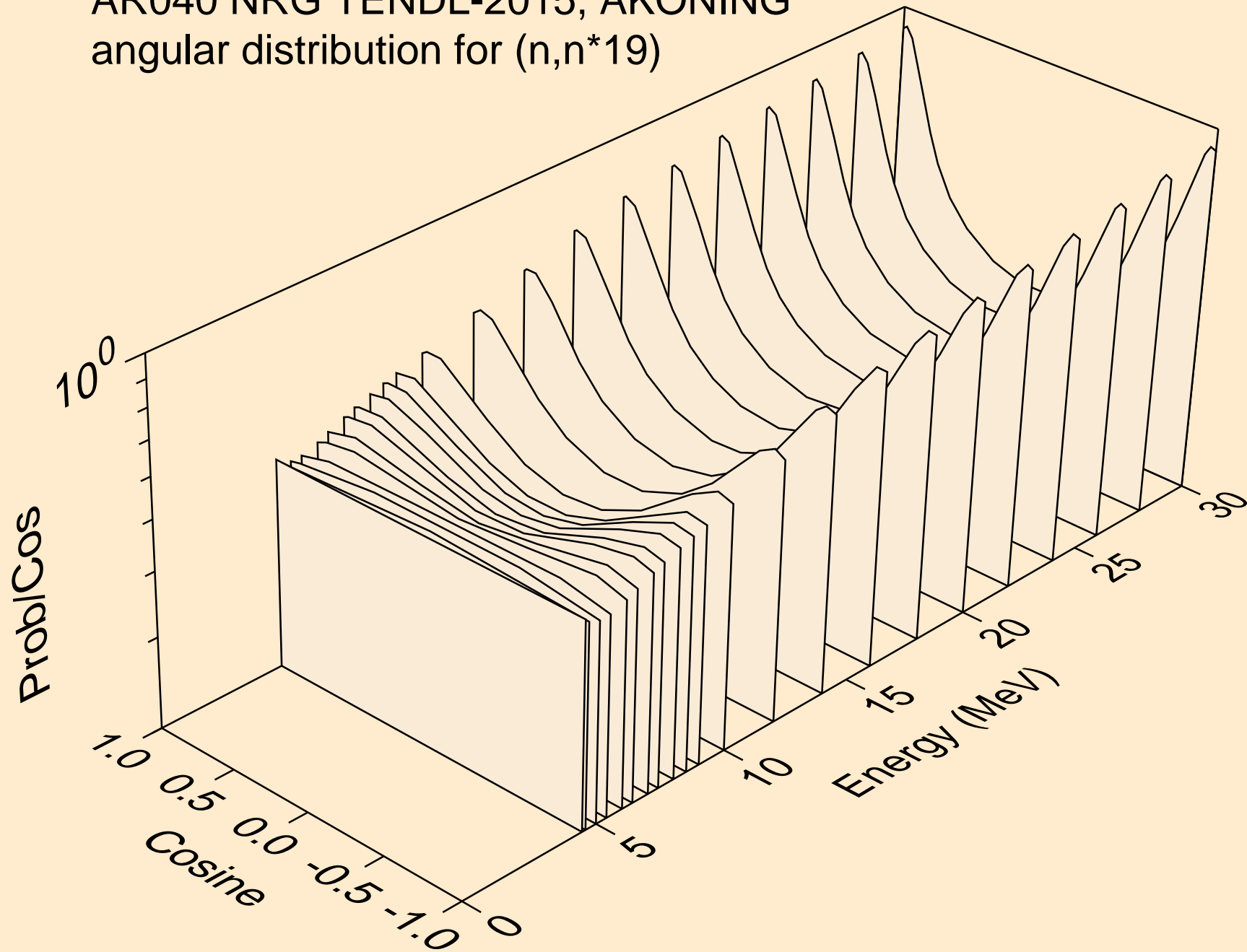
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



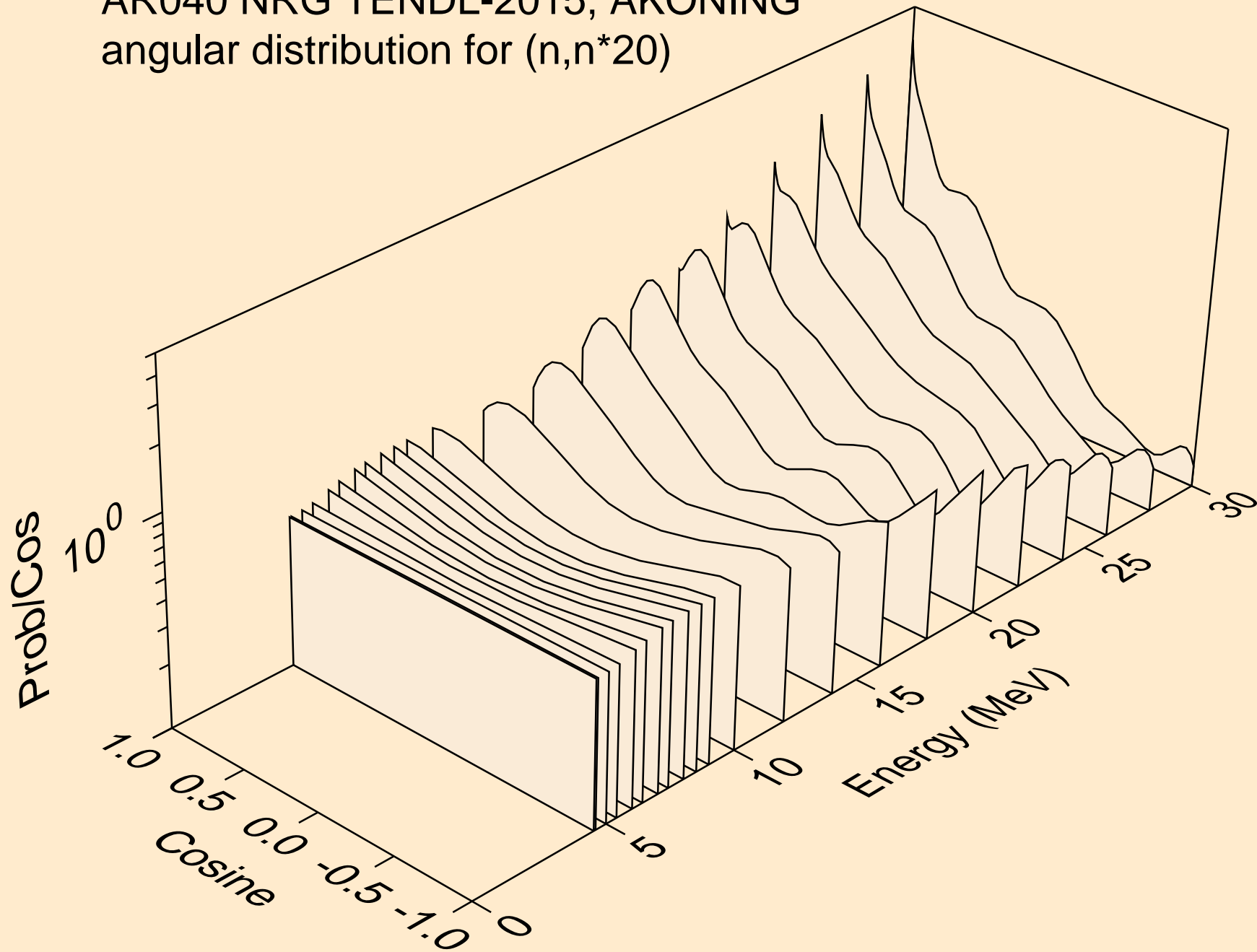
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



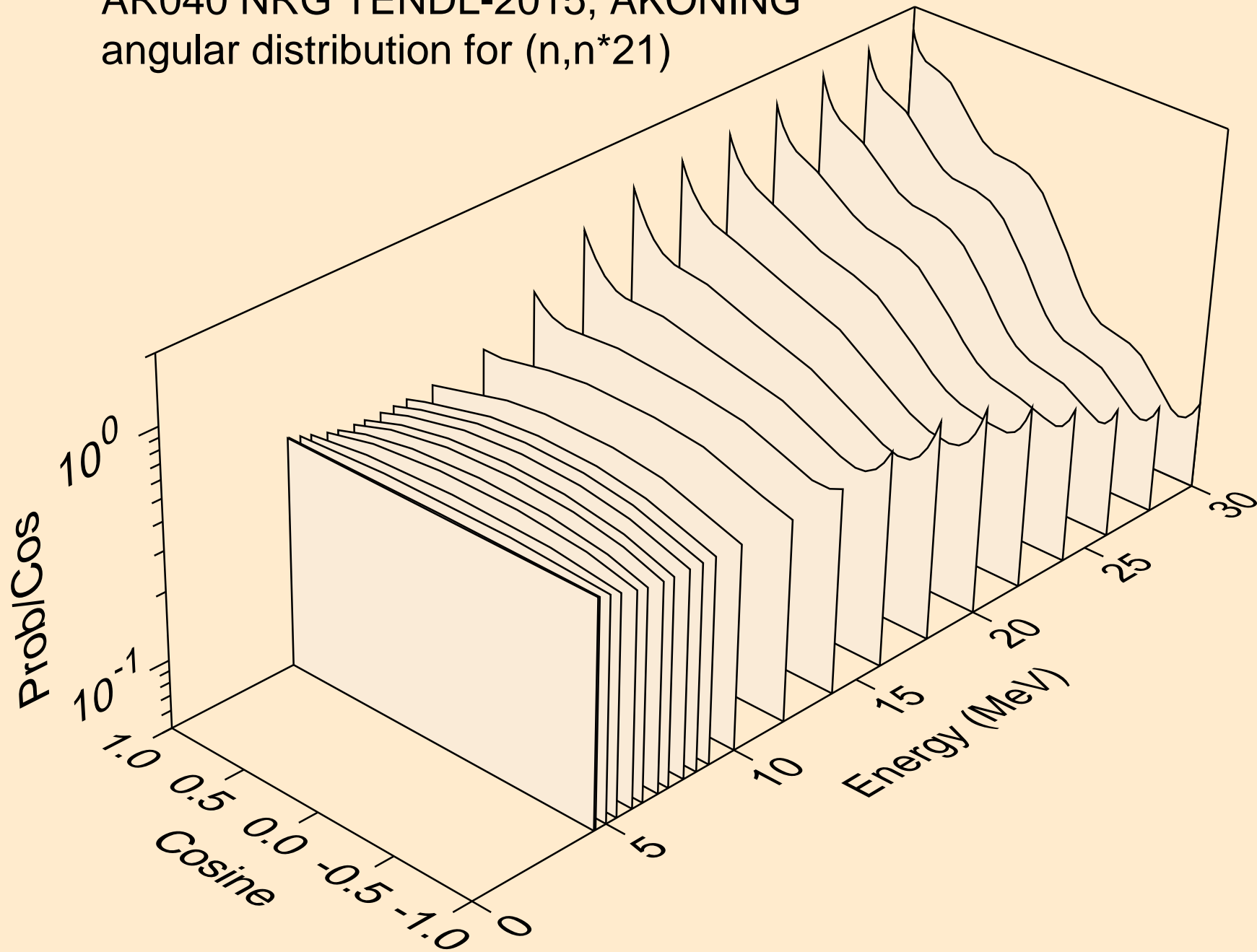
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



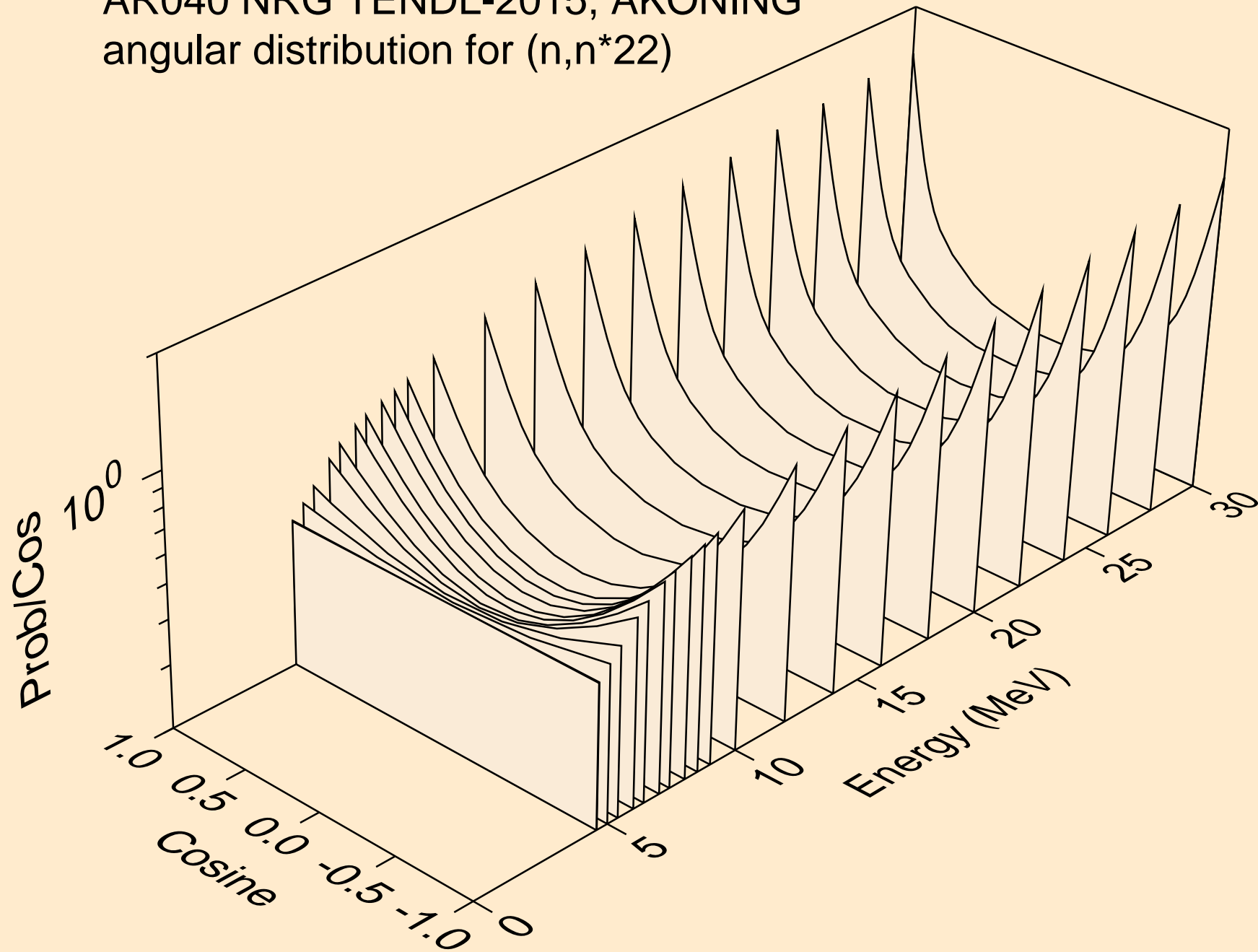
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



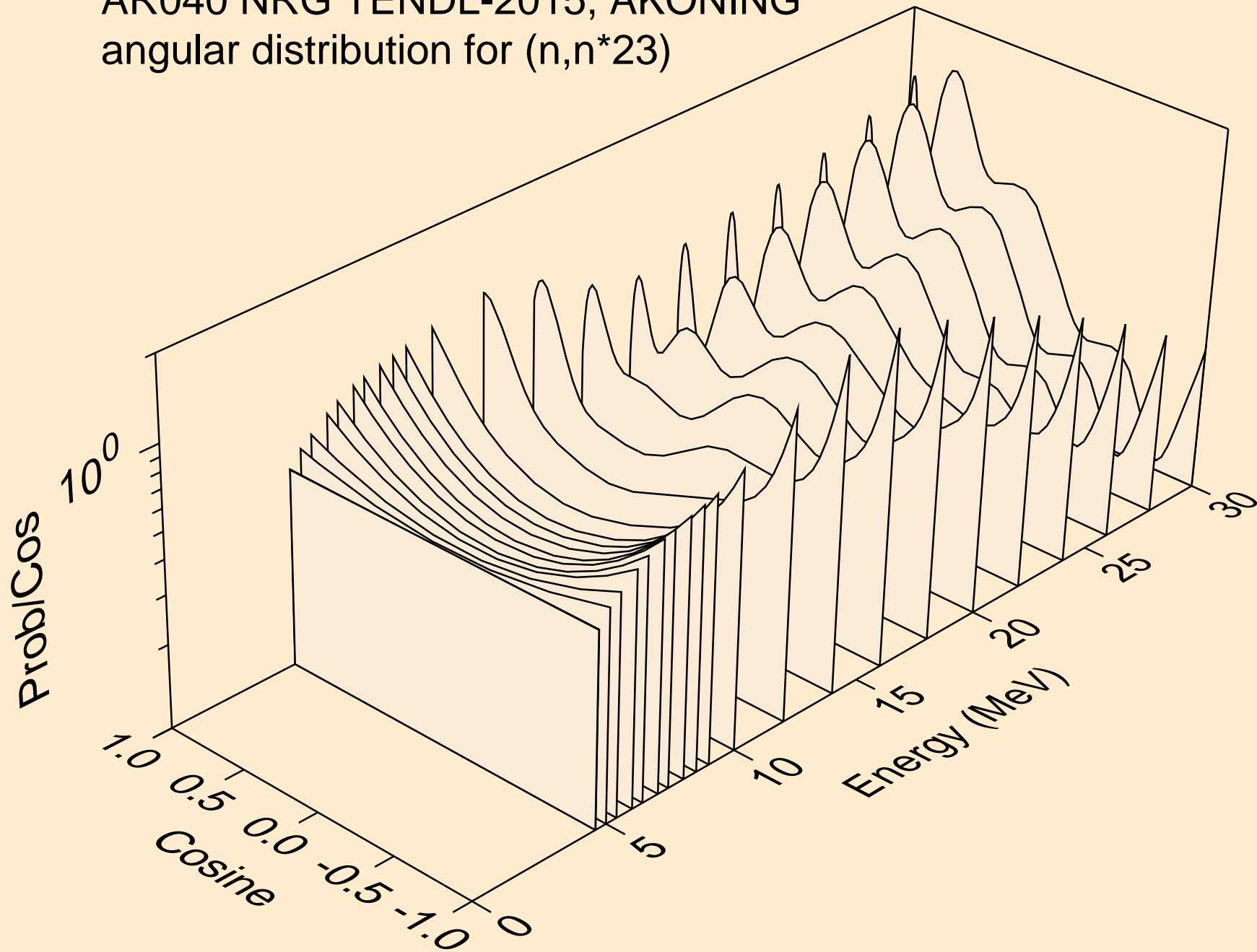
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



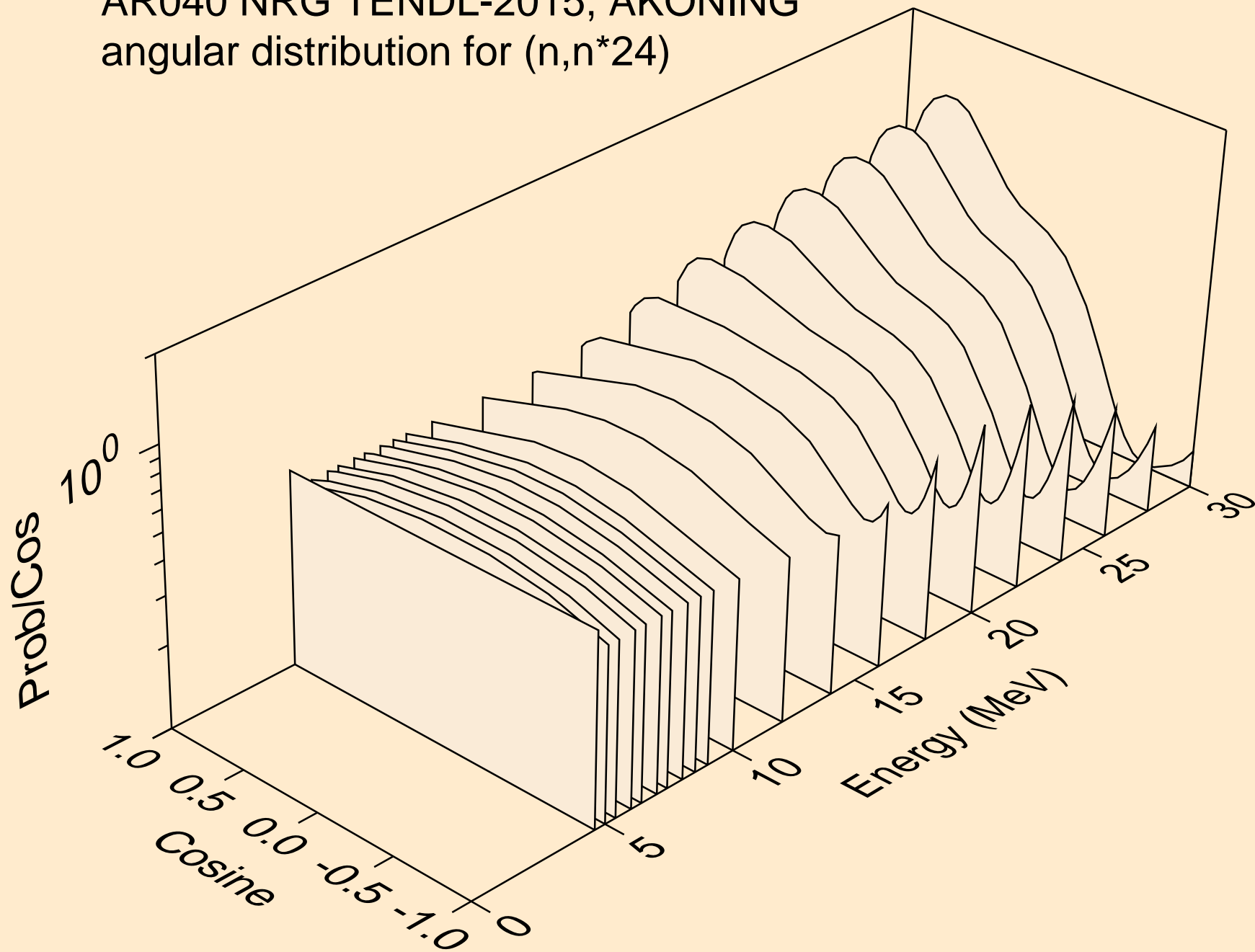
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

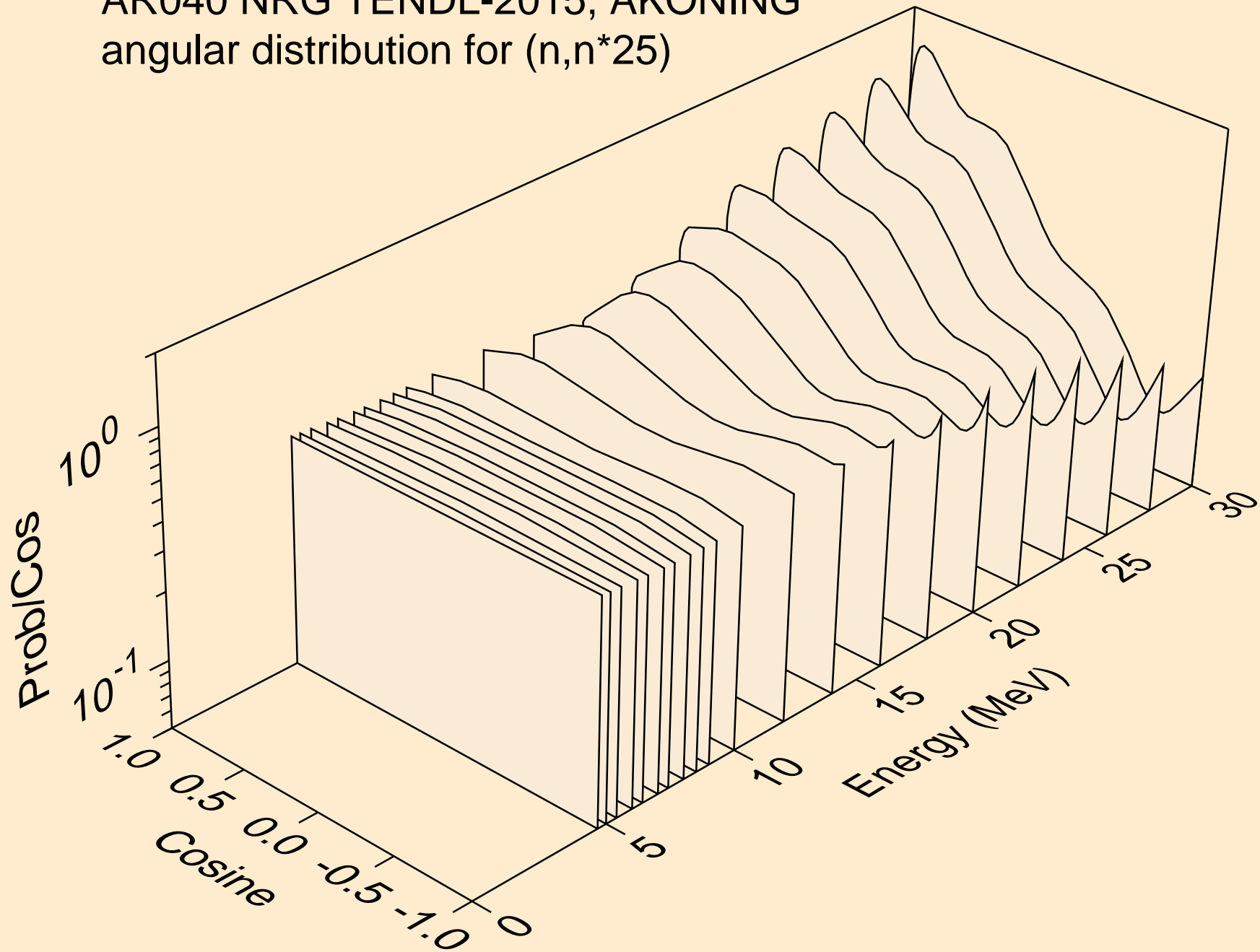


AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

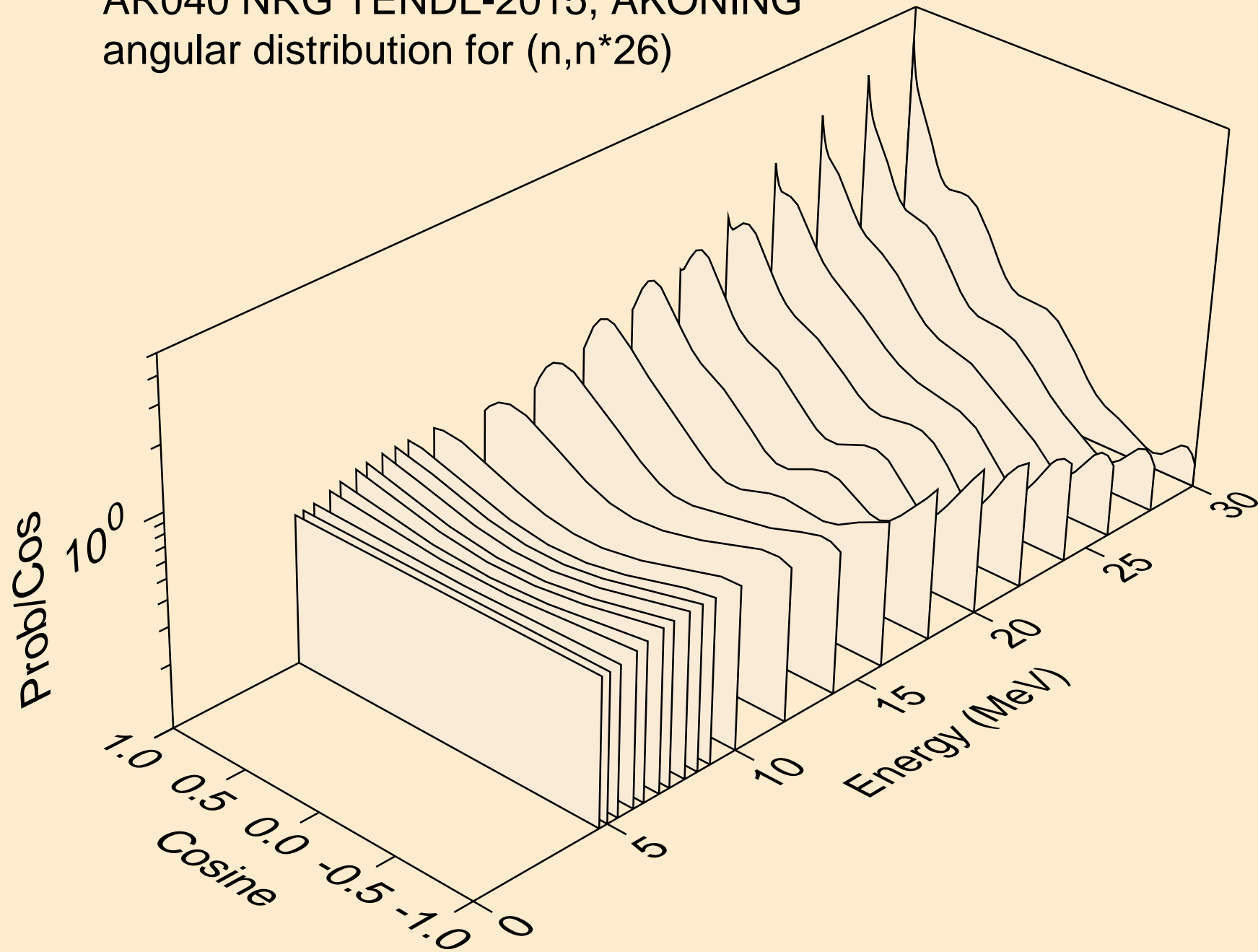




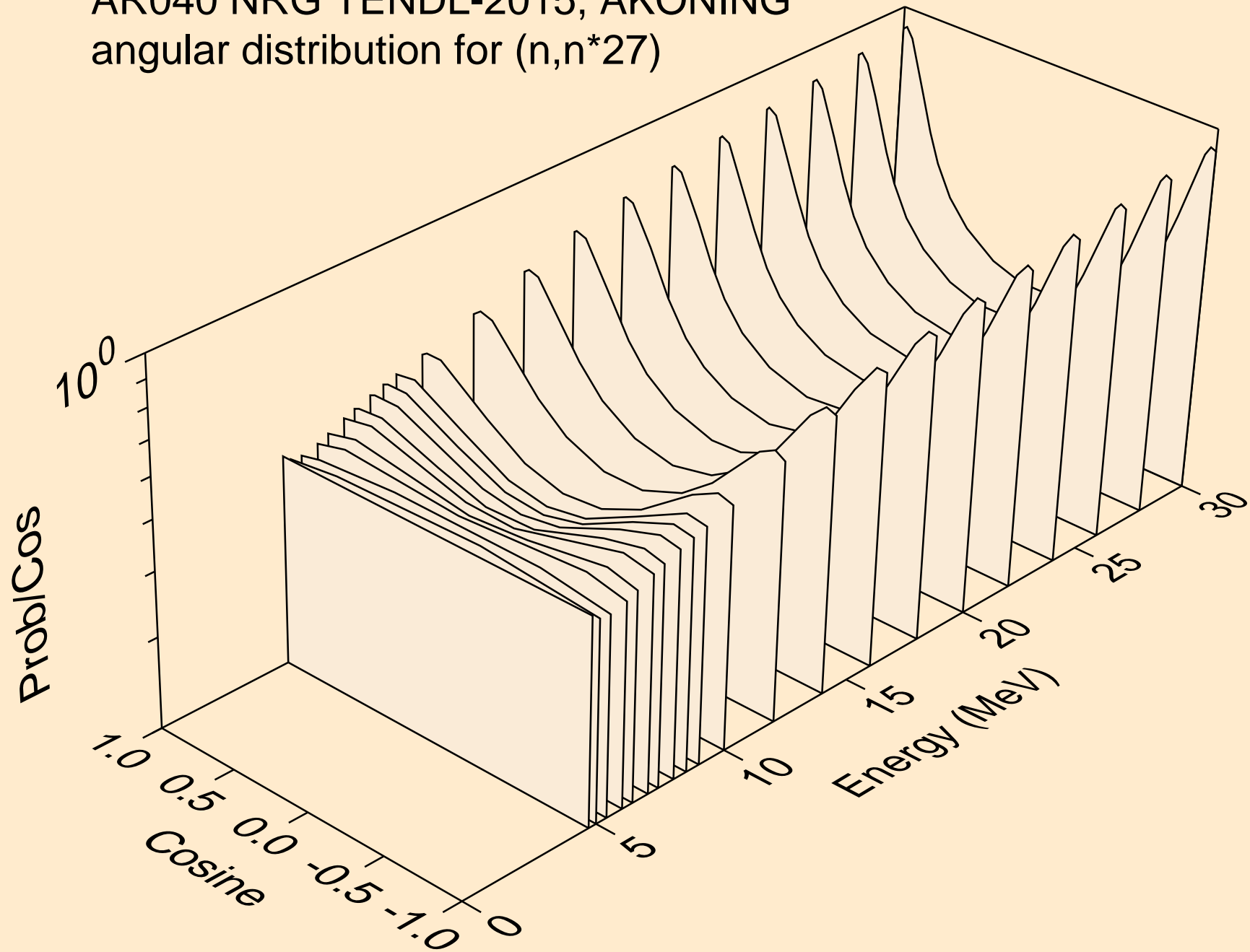
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



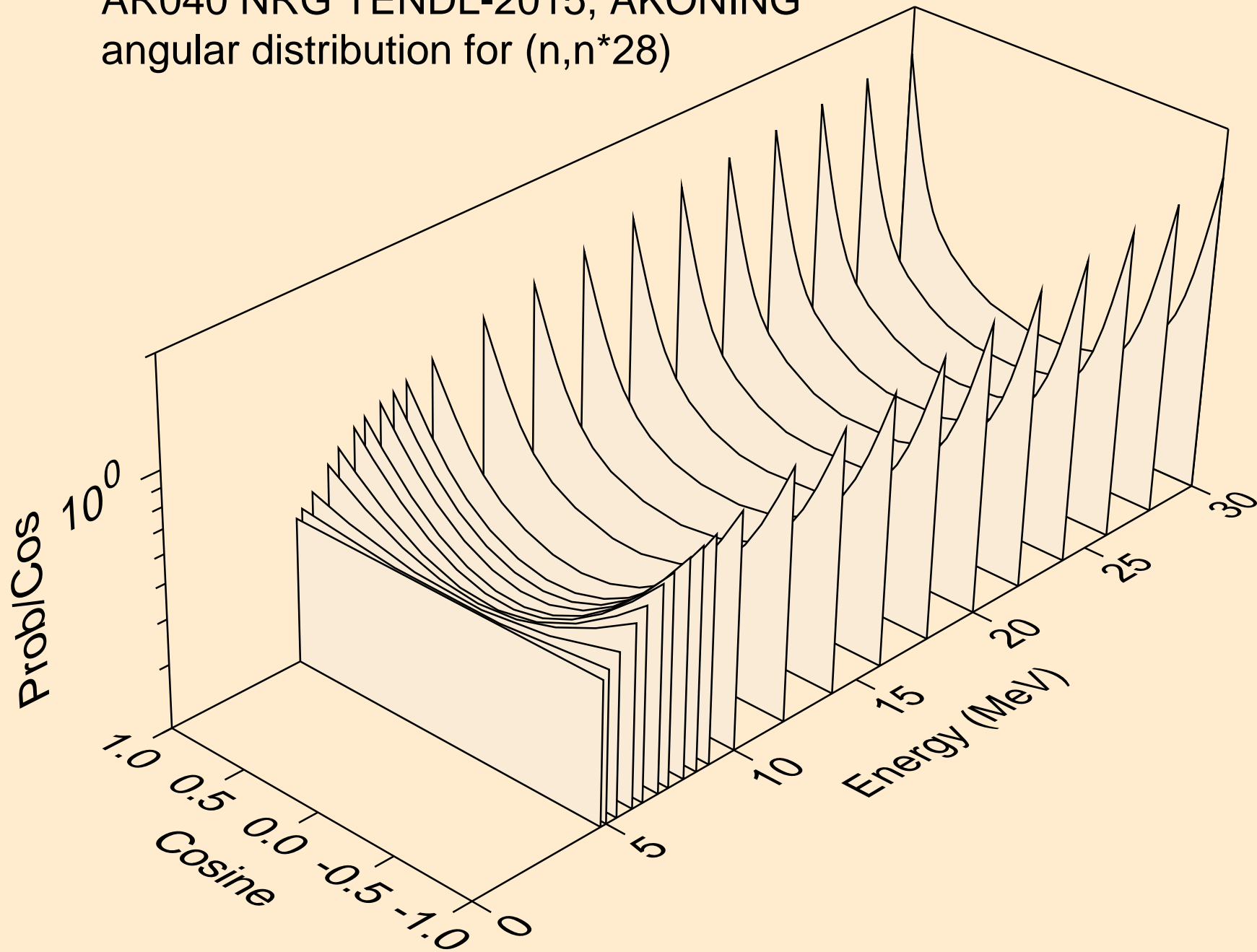
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



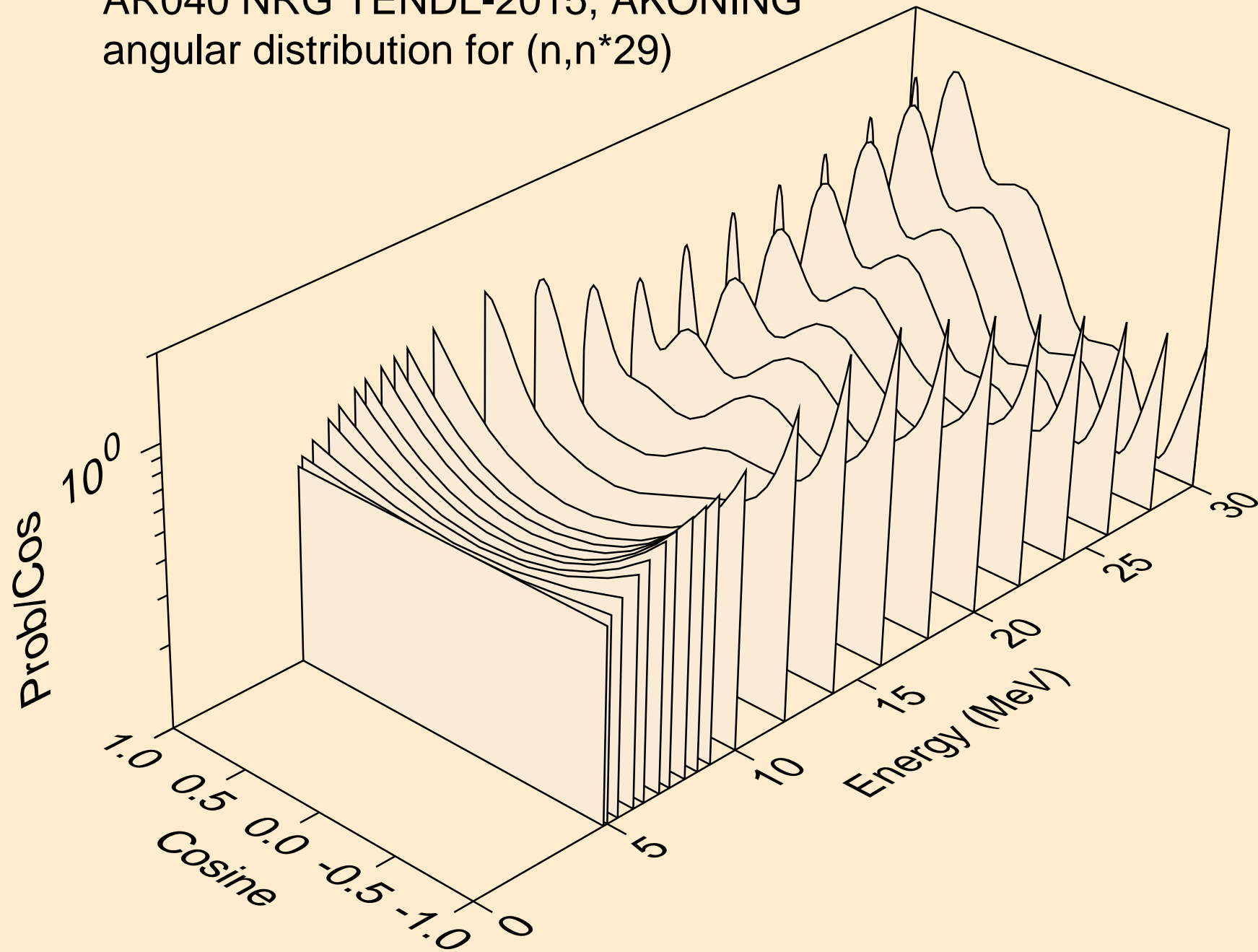
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



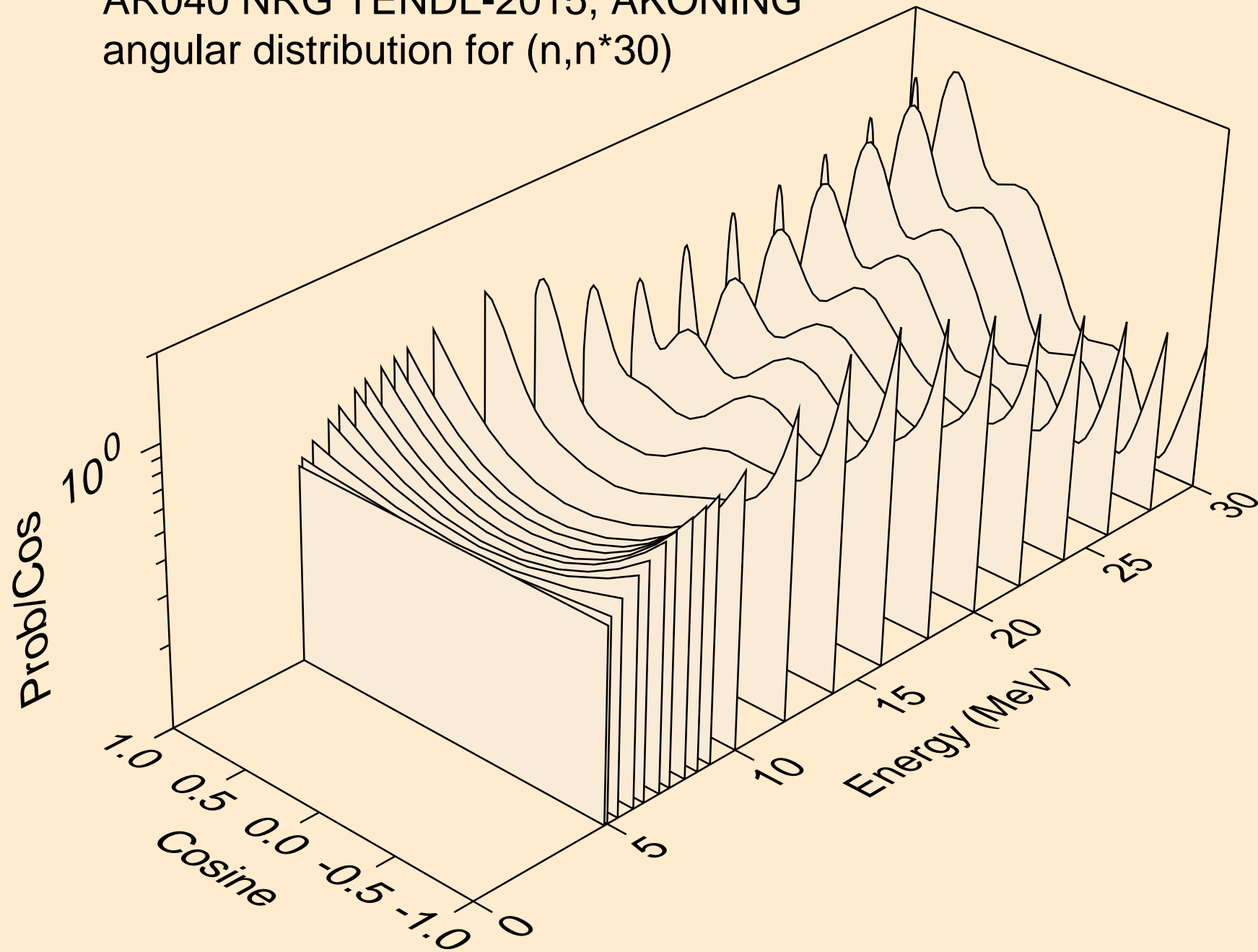
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



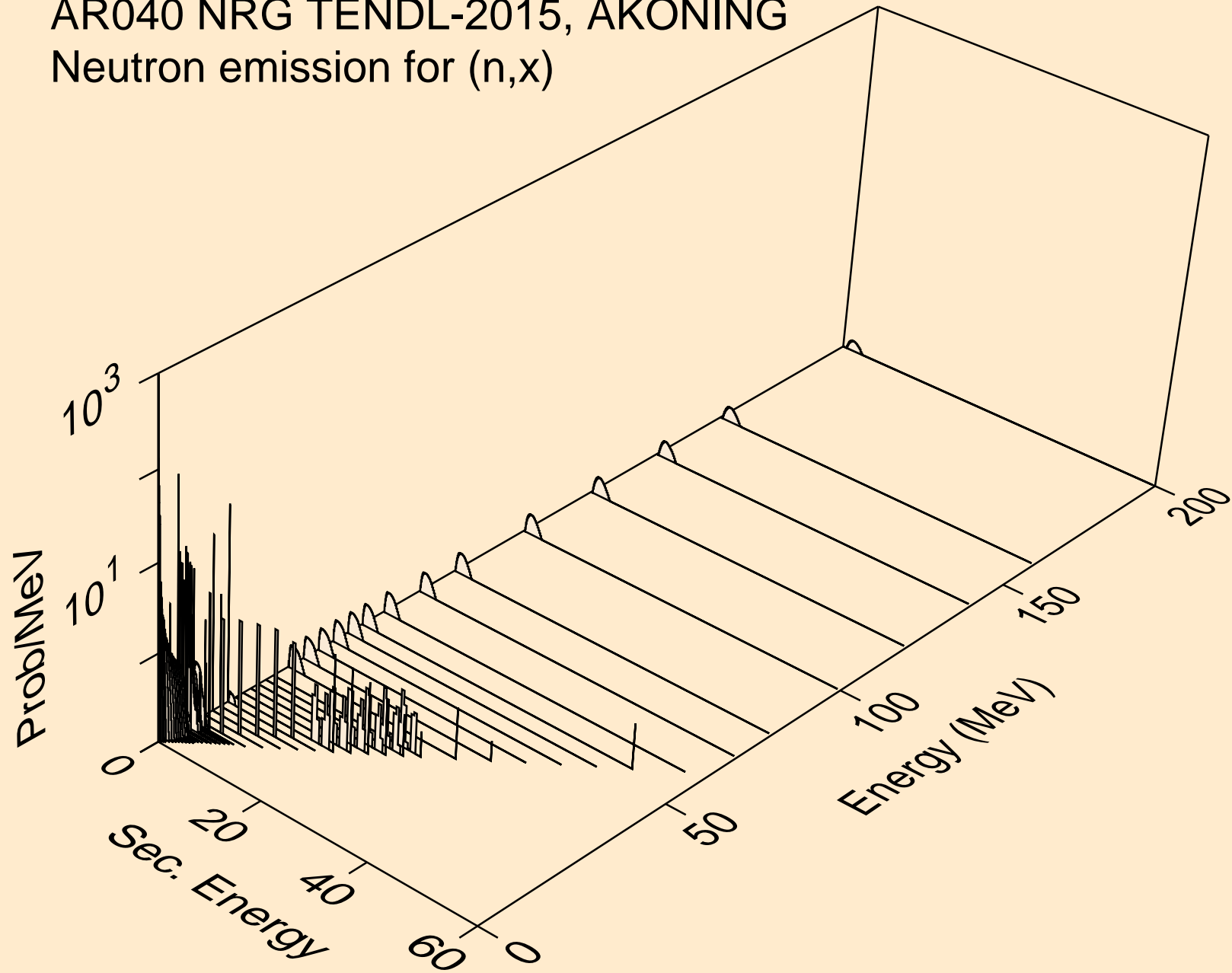
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



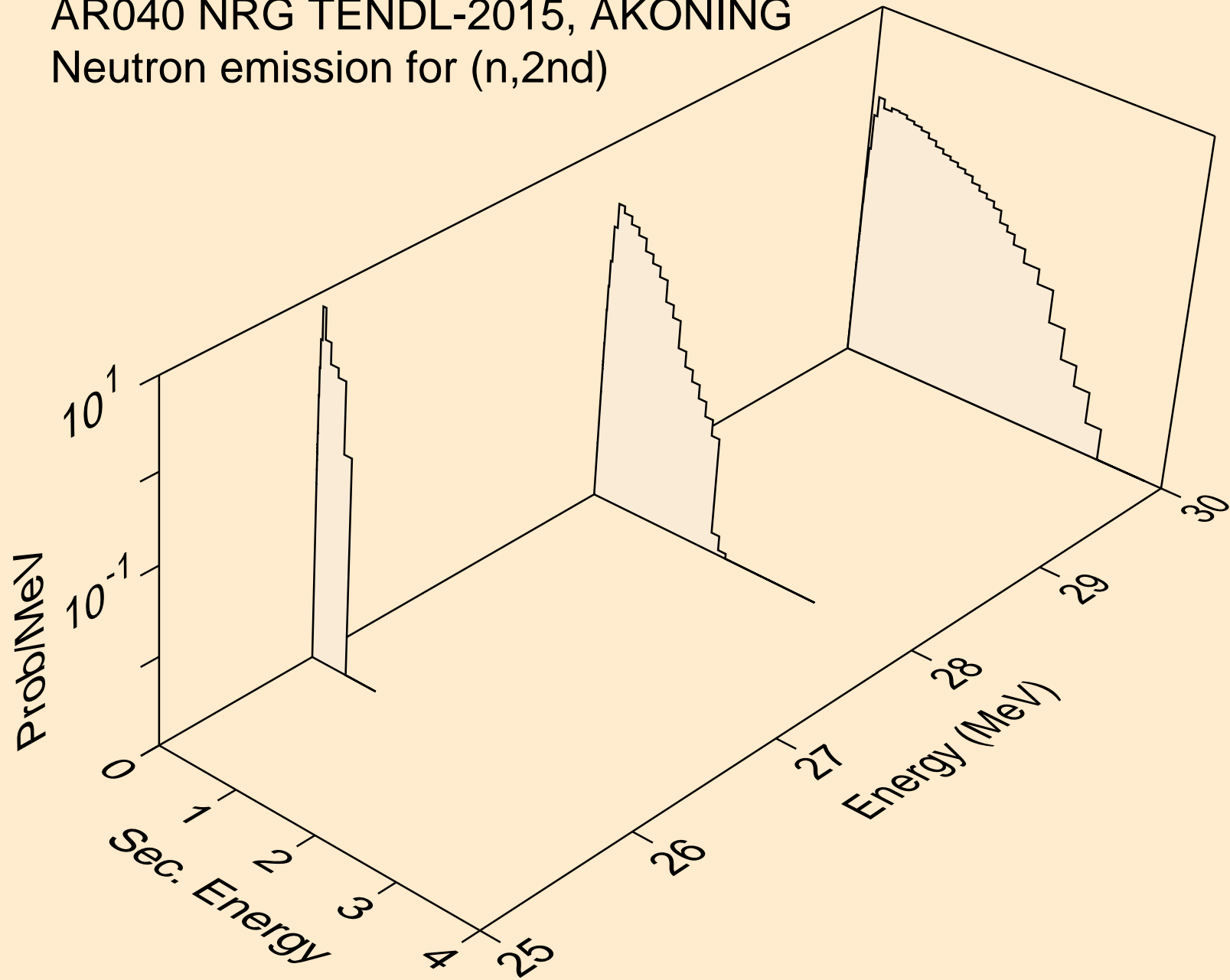
AR040 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

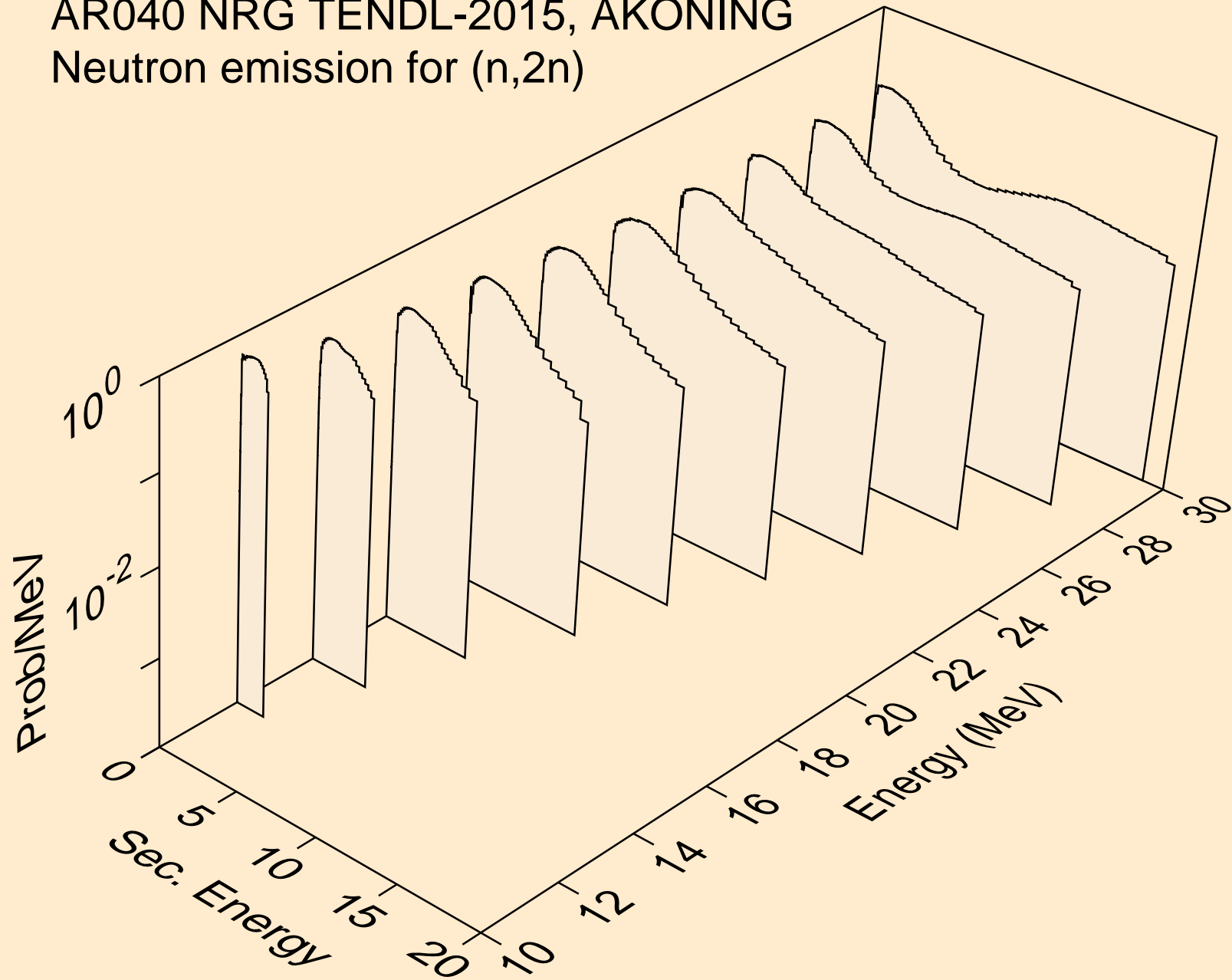


AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

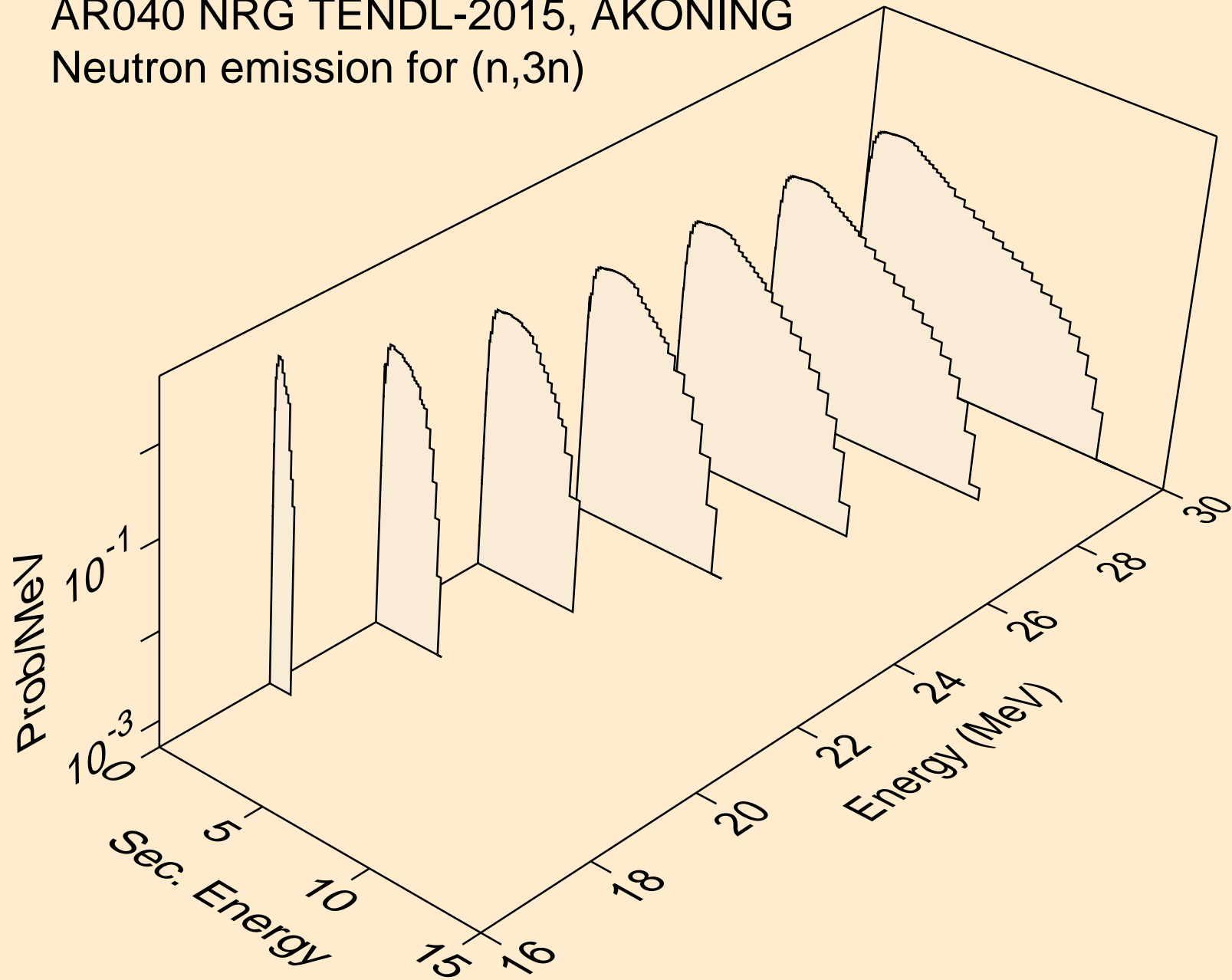




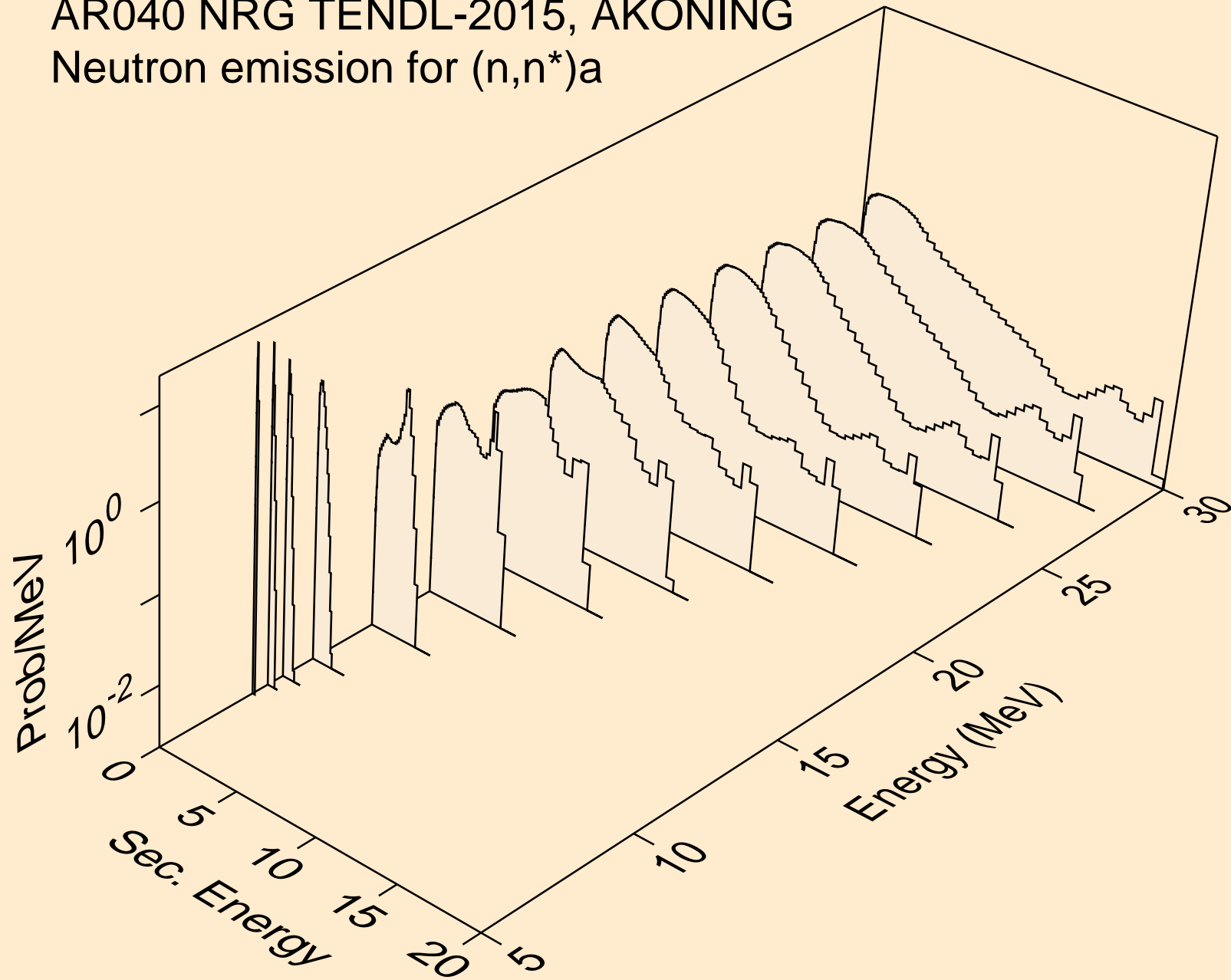
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



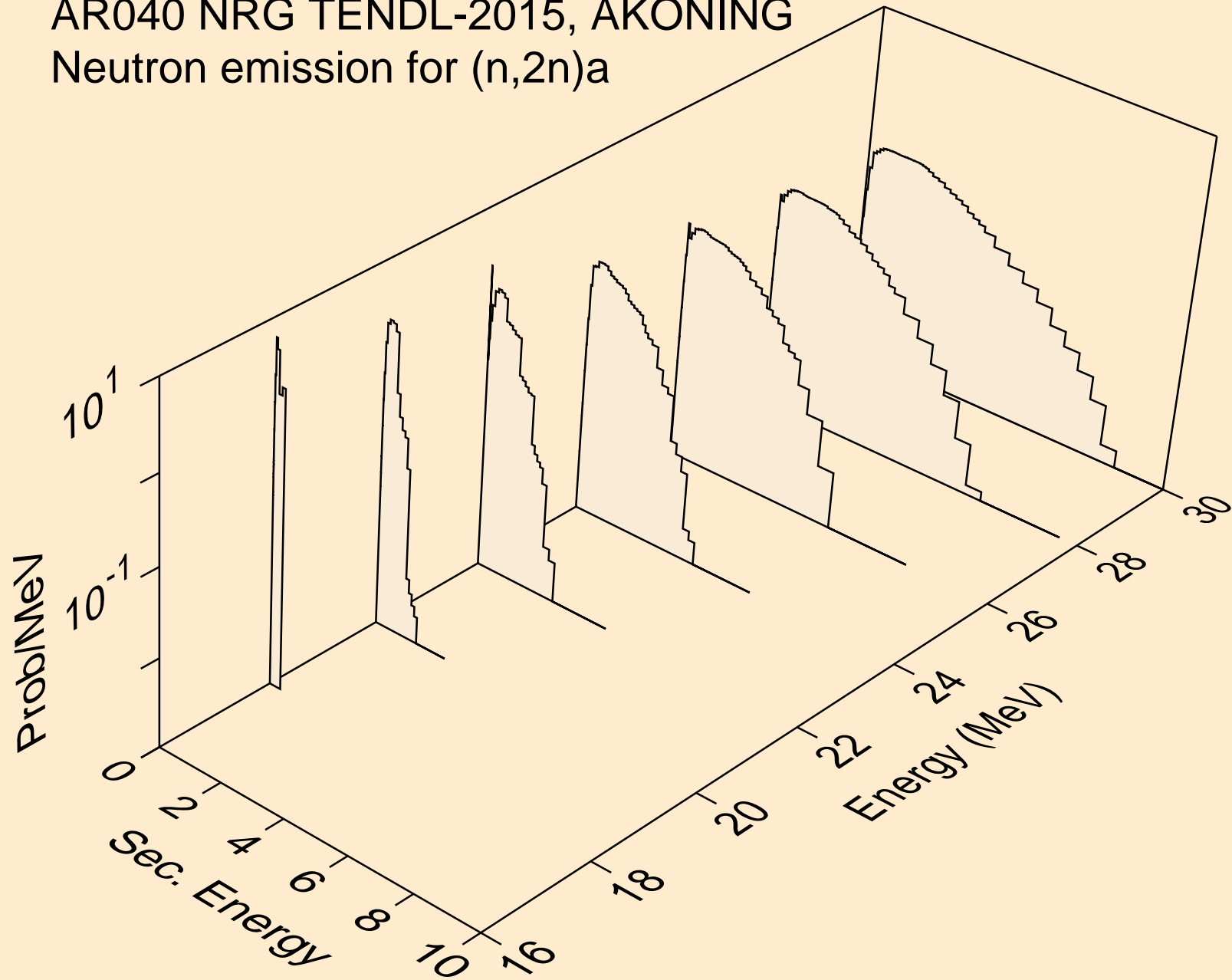
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



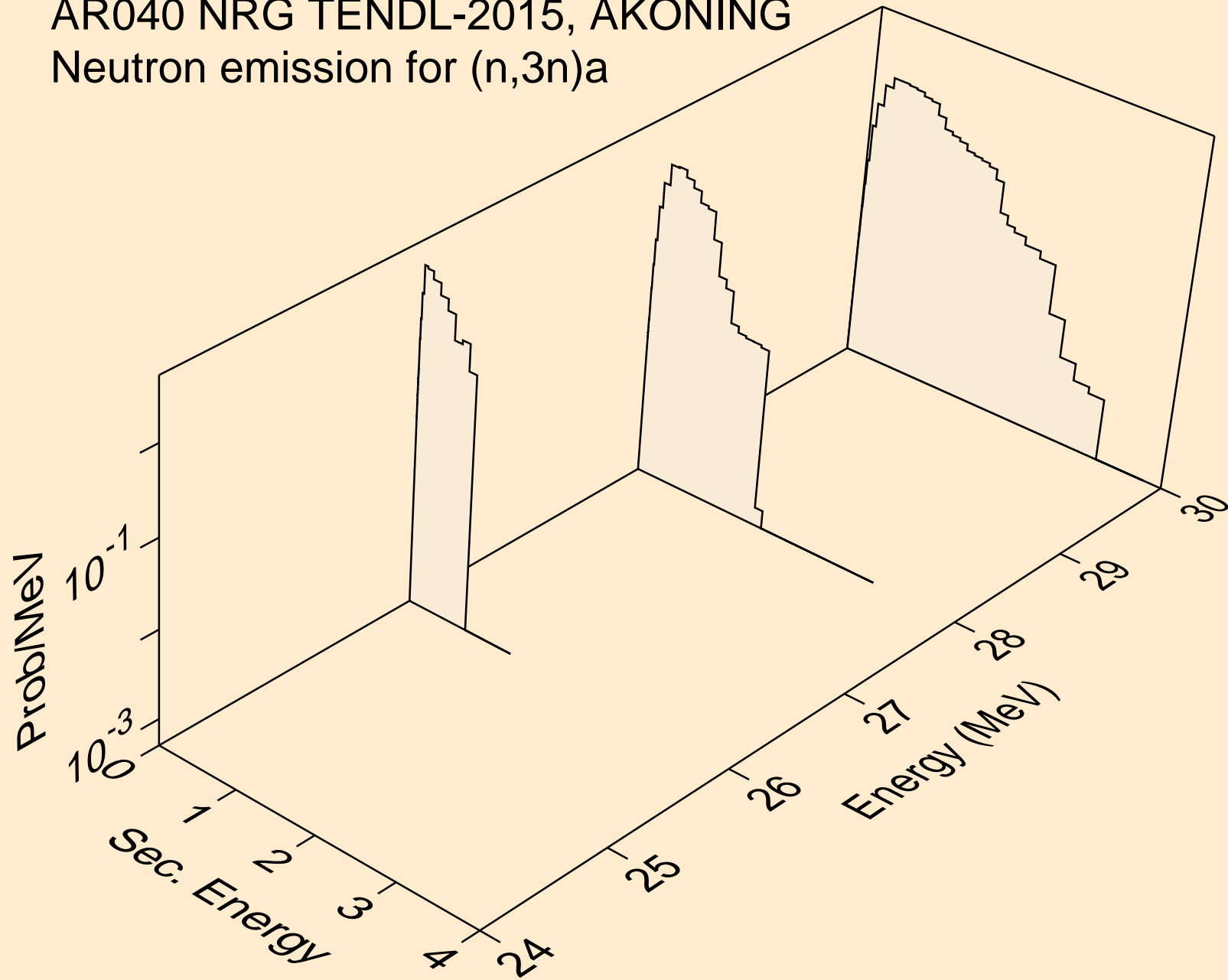
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



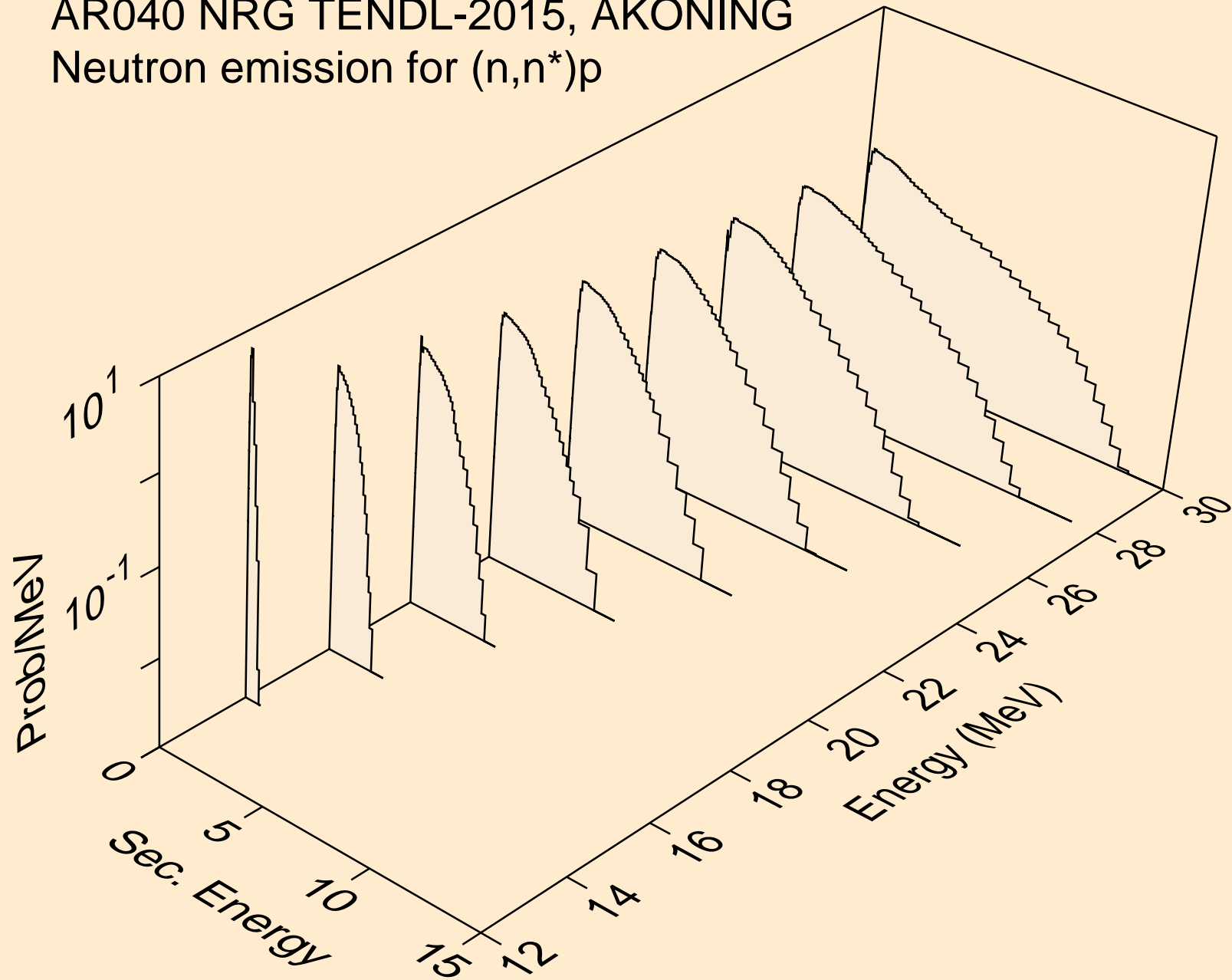
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



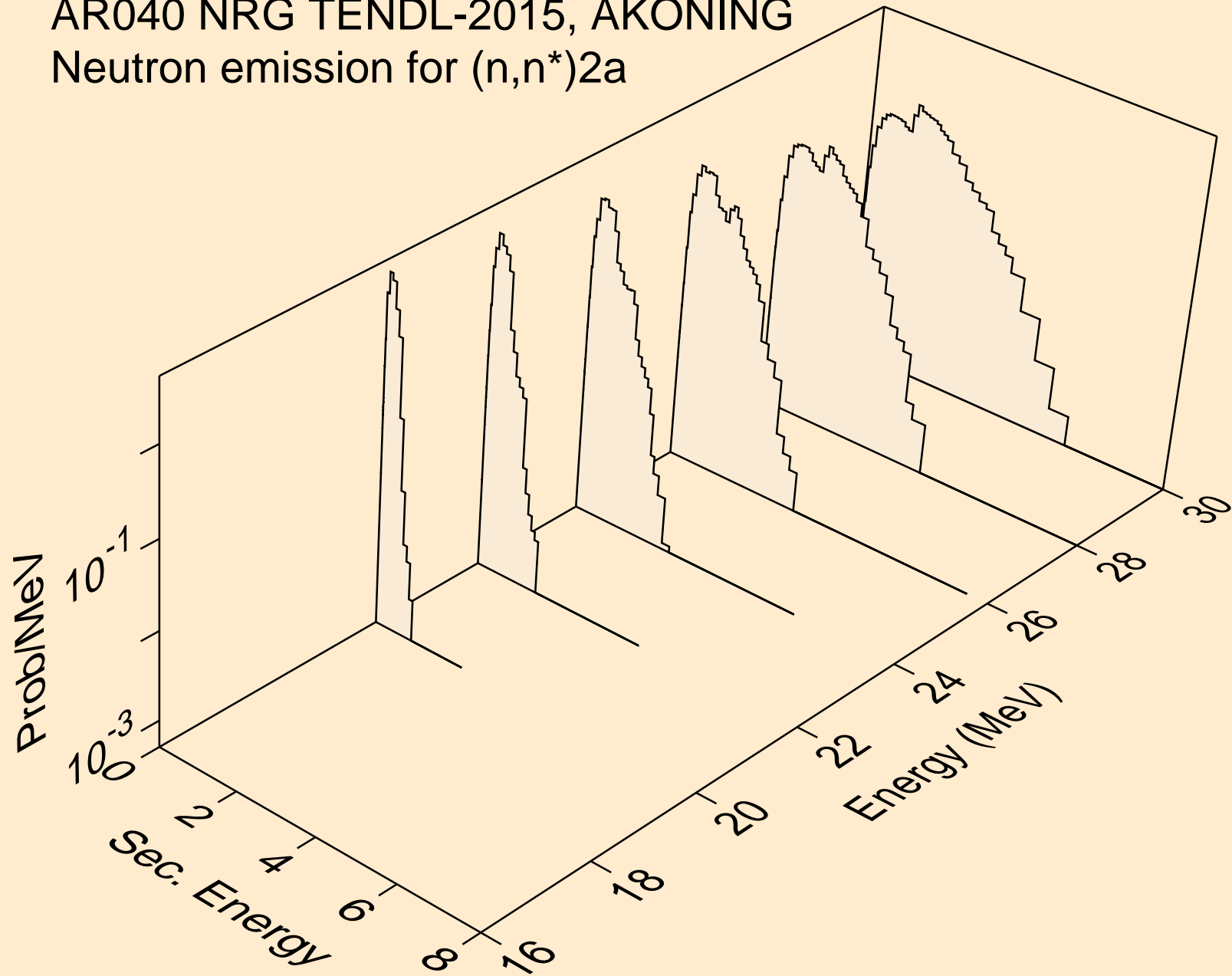
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



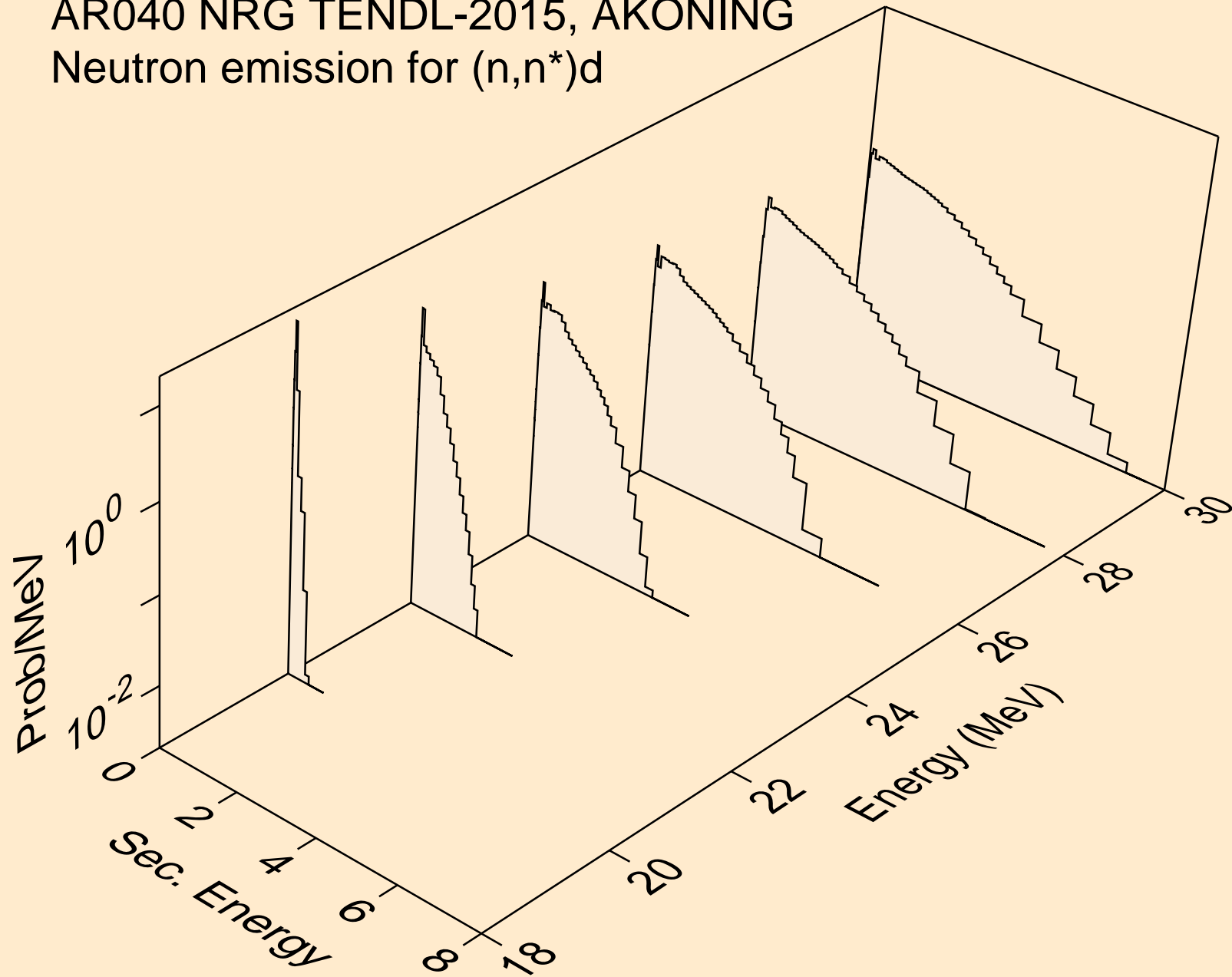
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

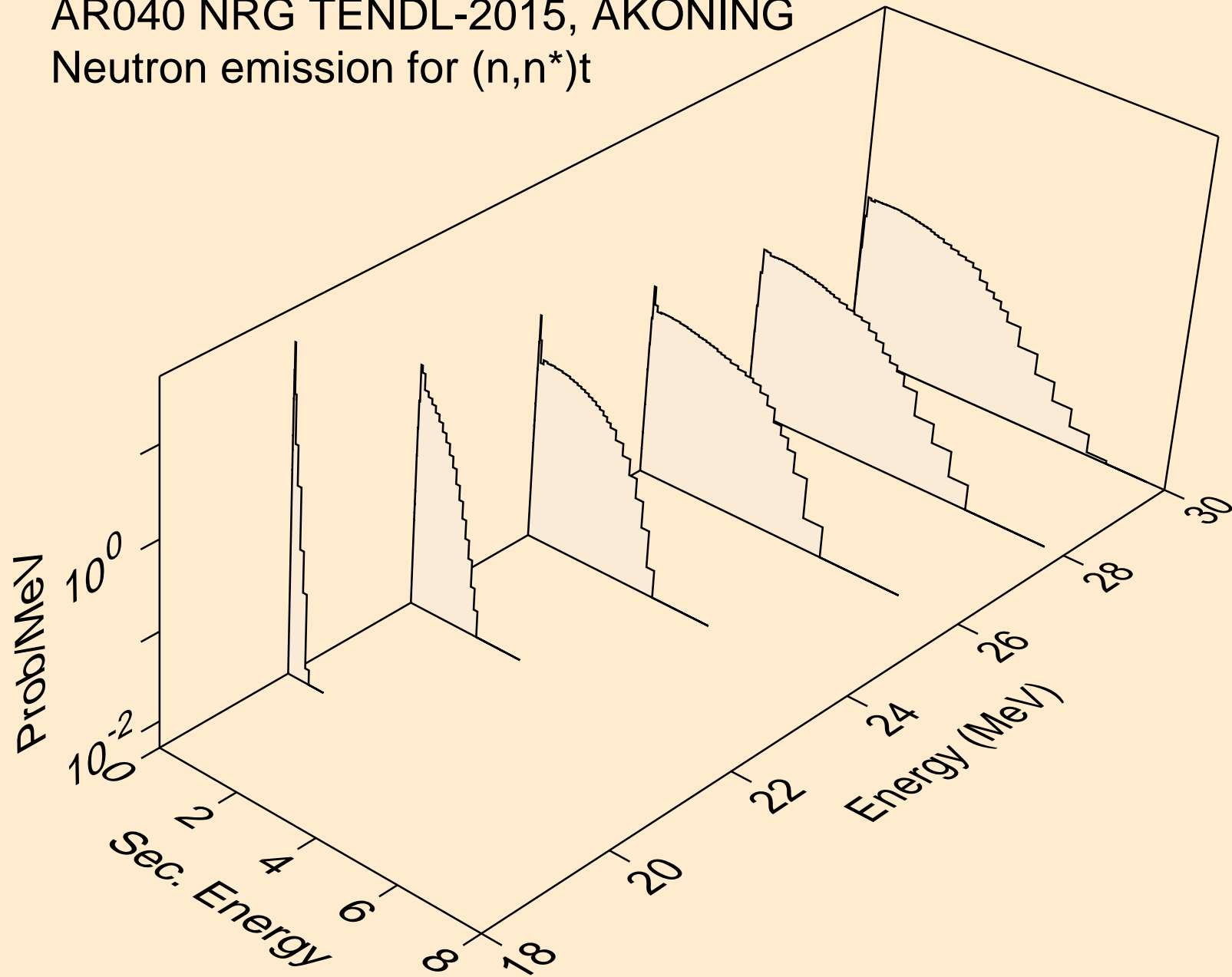


AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

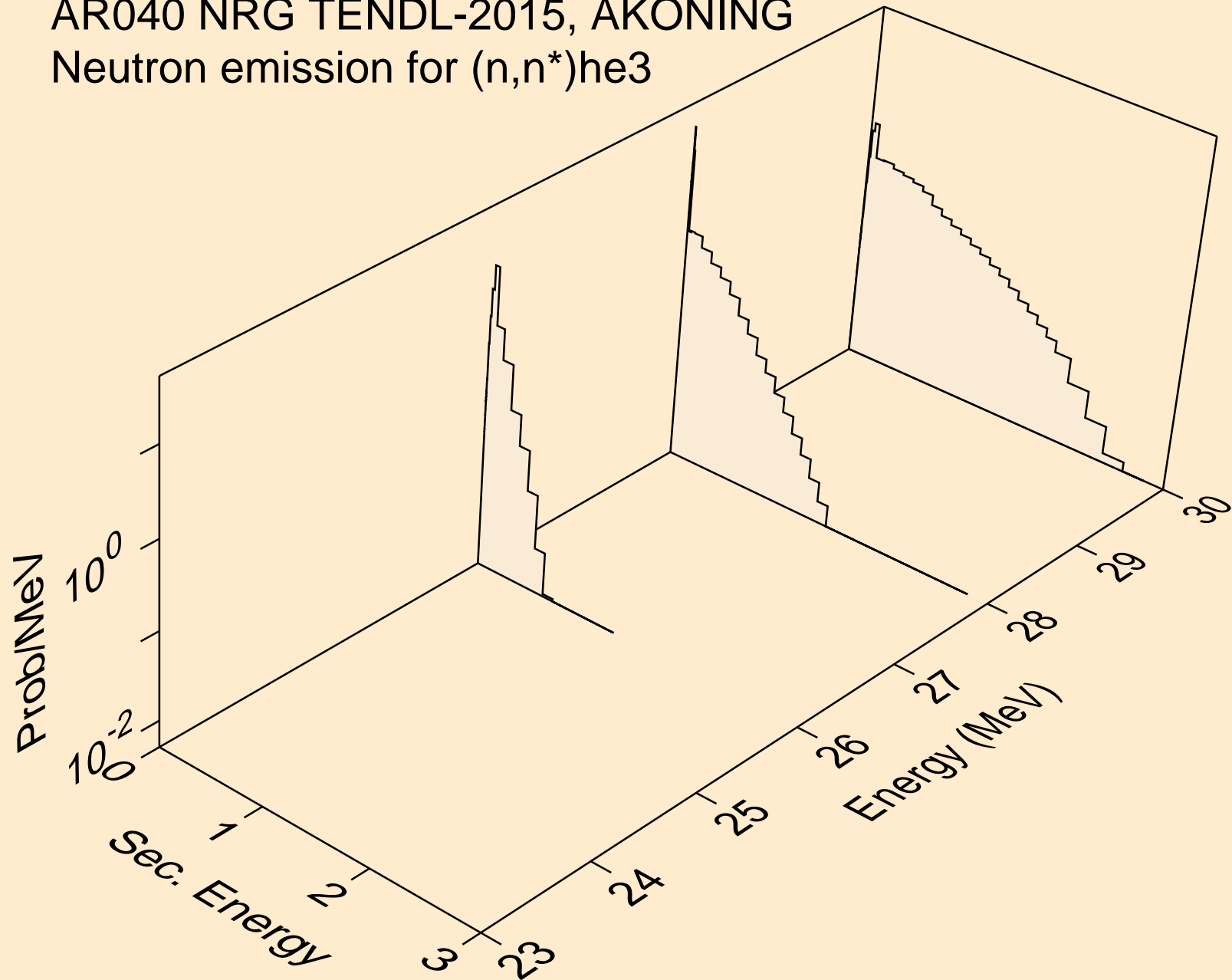




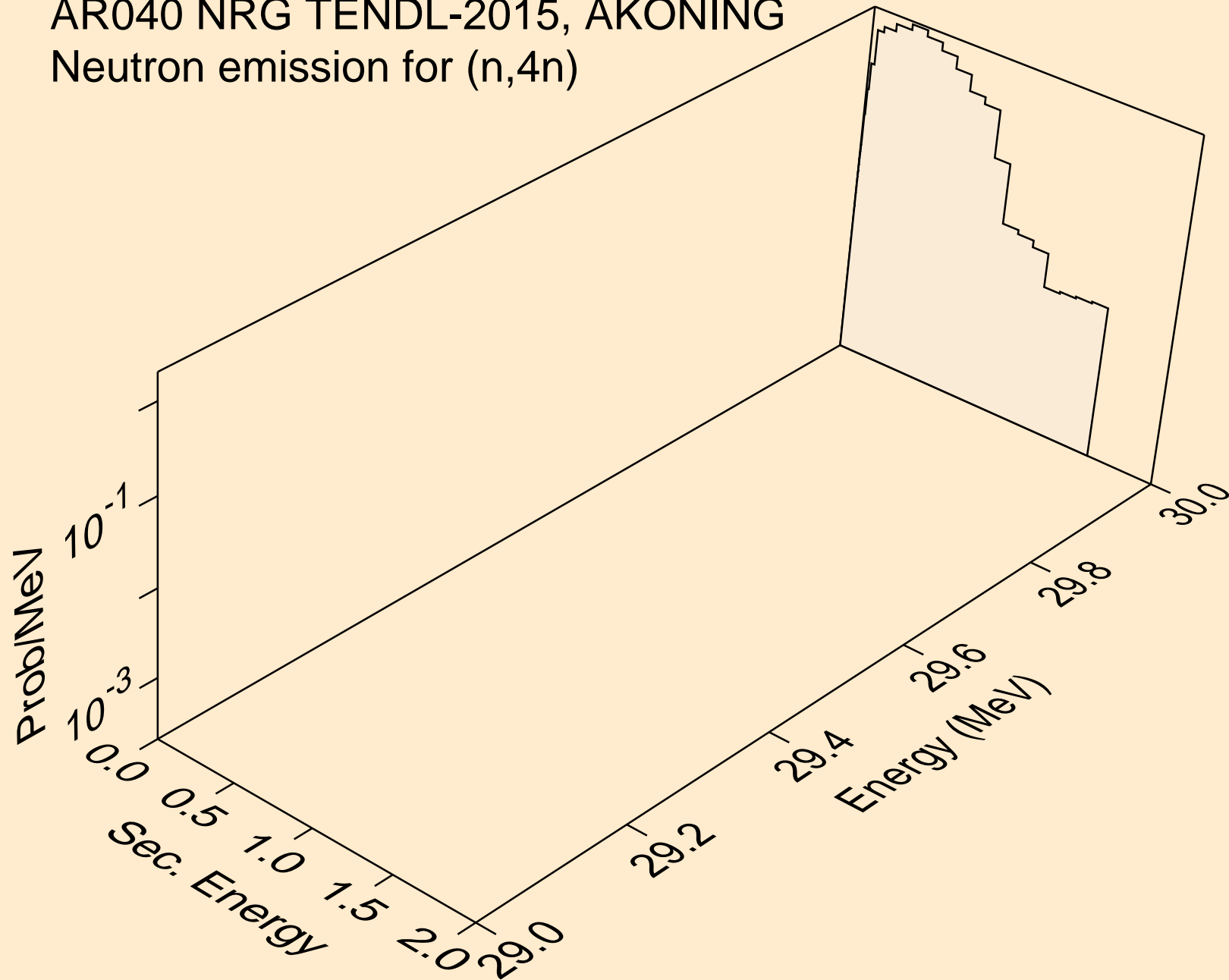
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



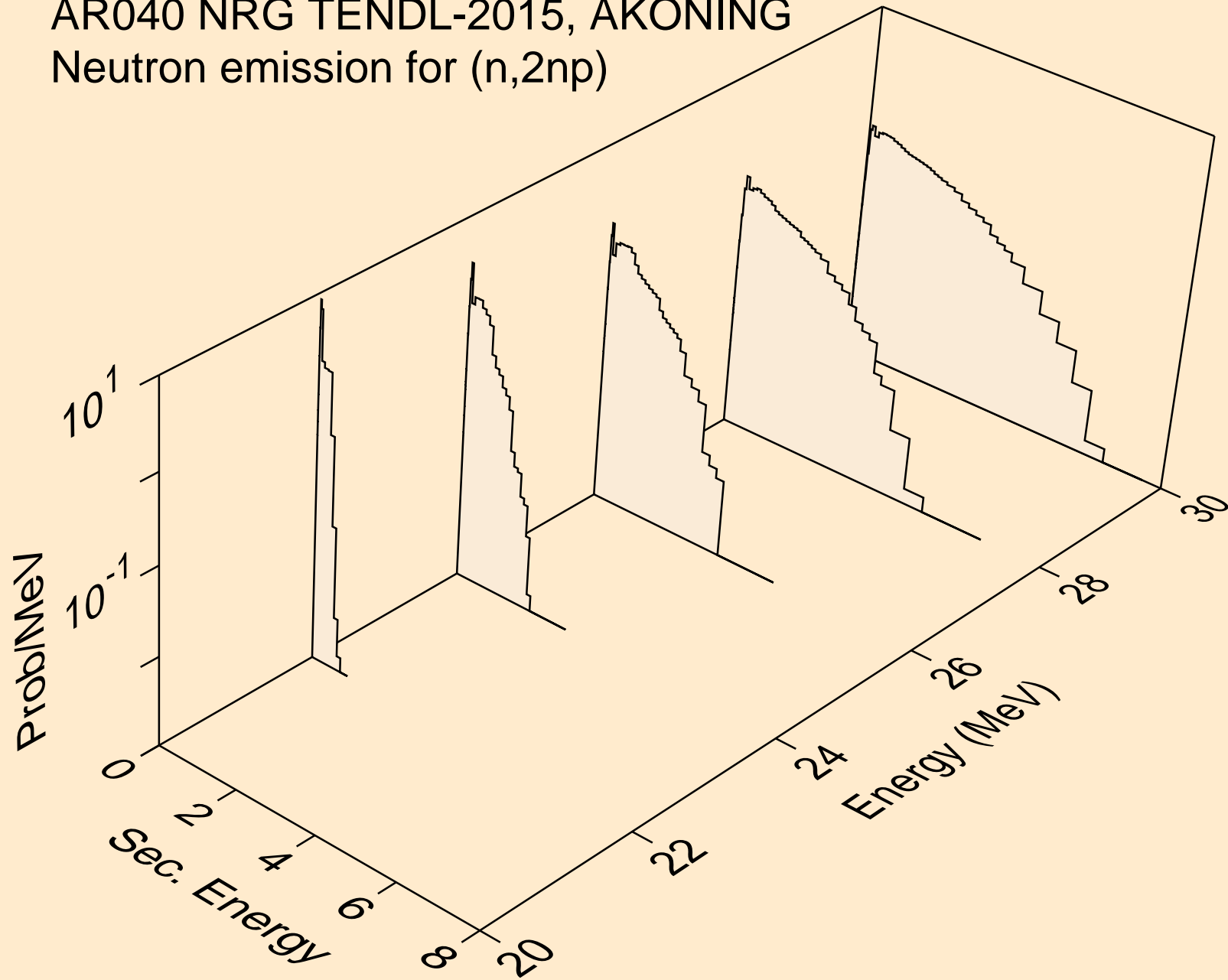
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



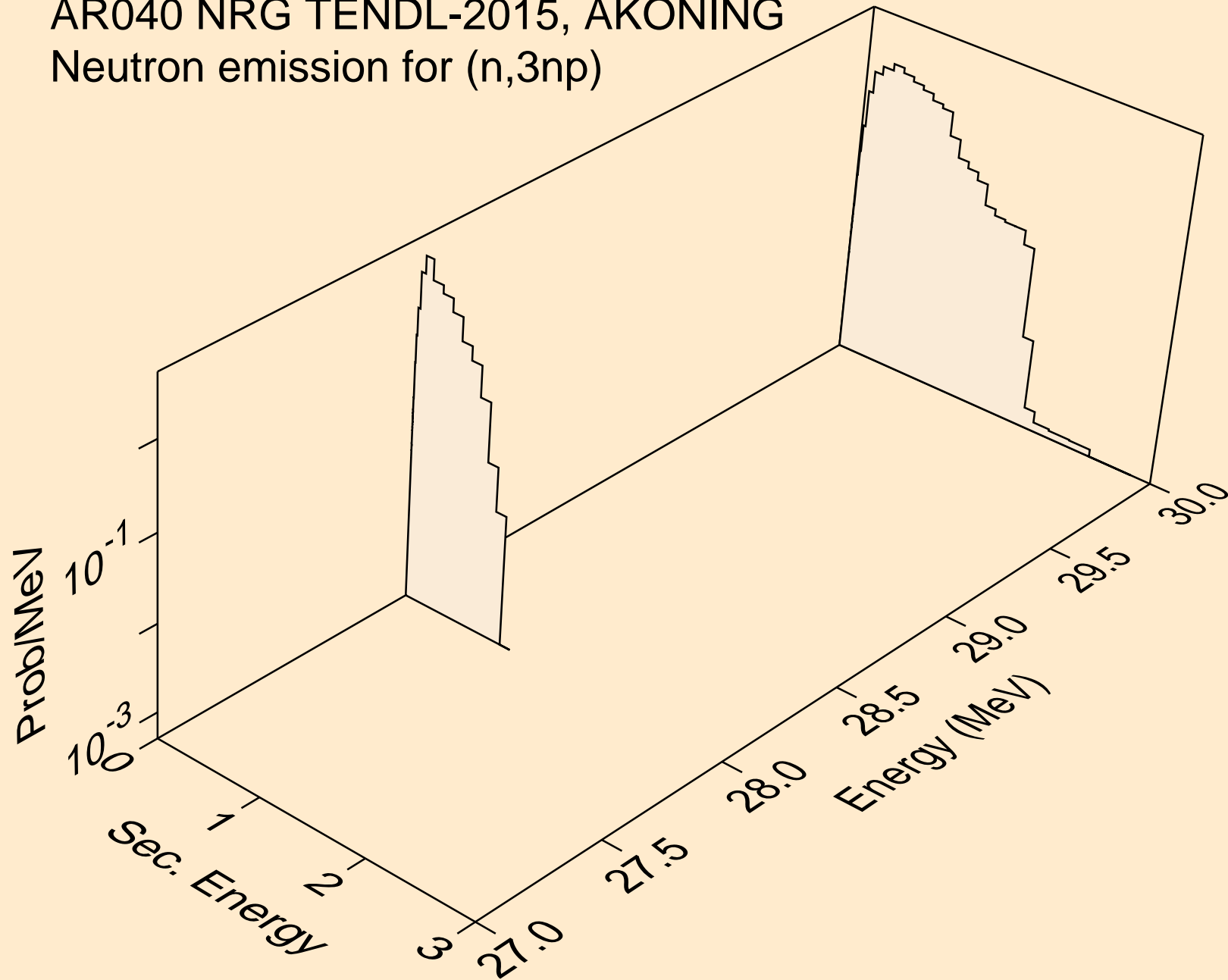
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



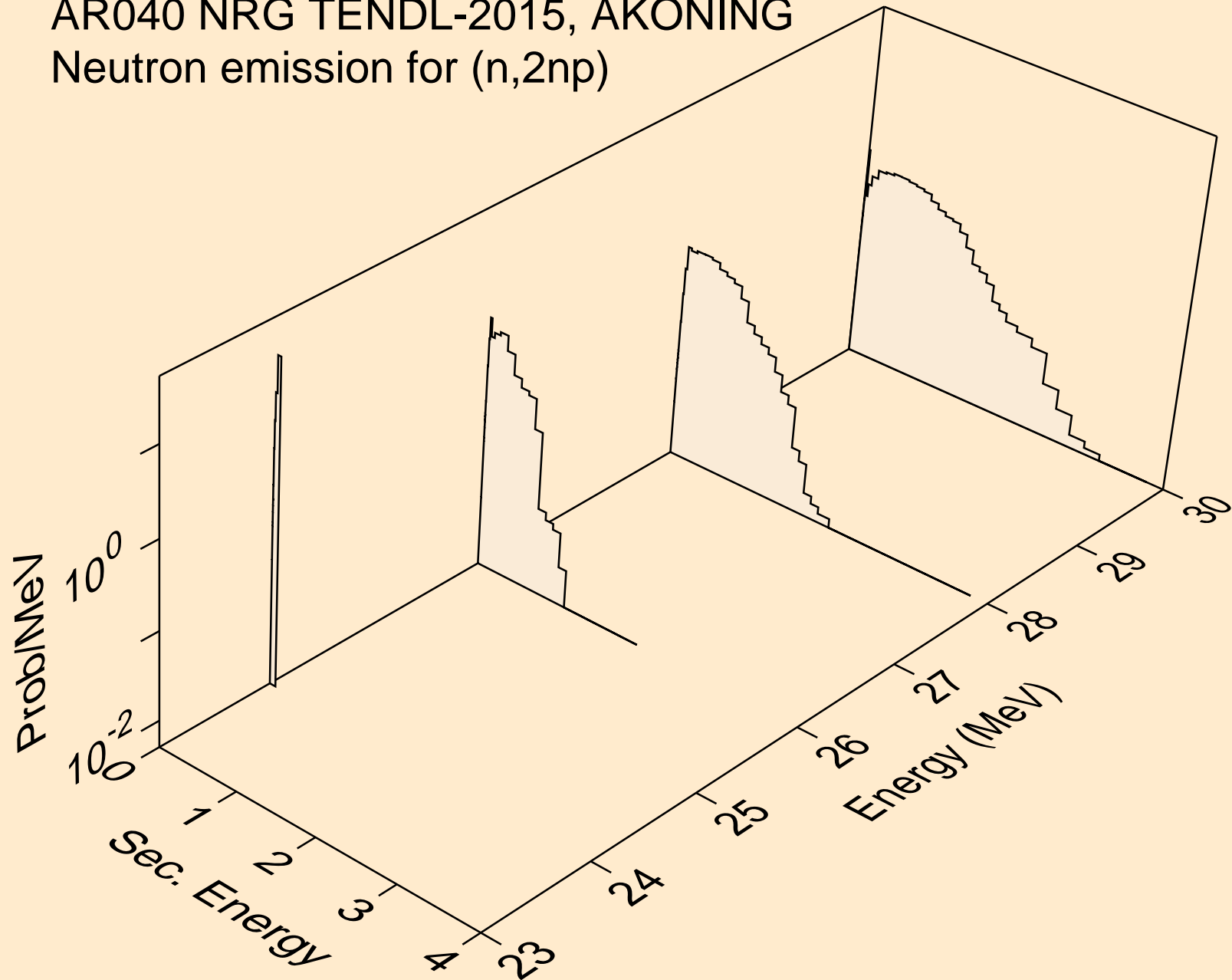
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



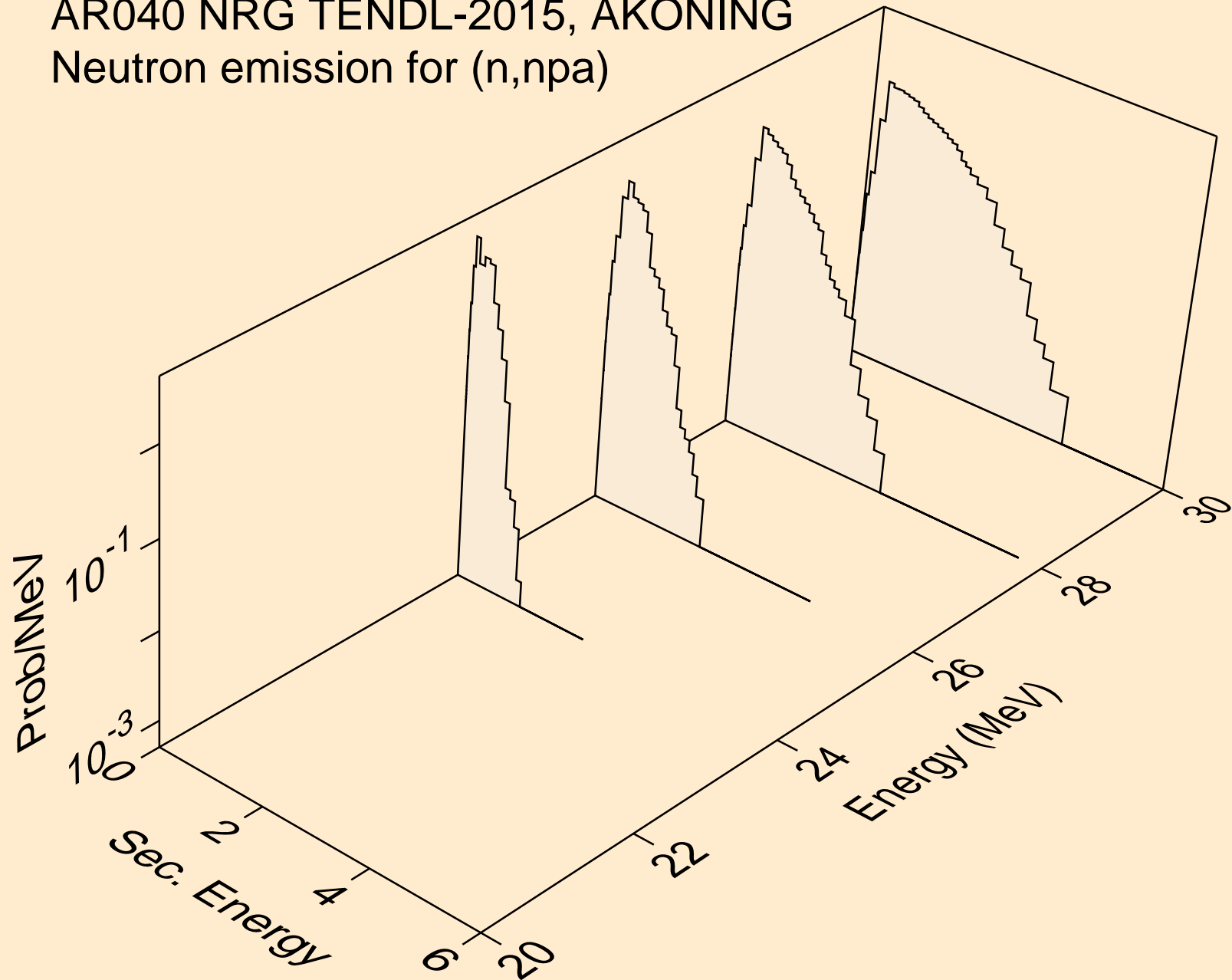
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



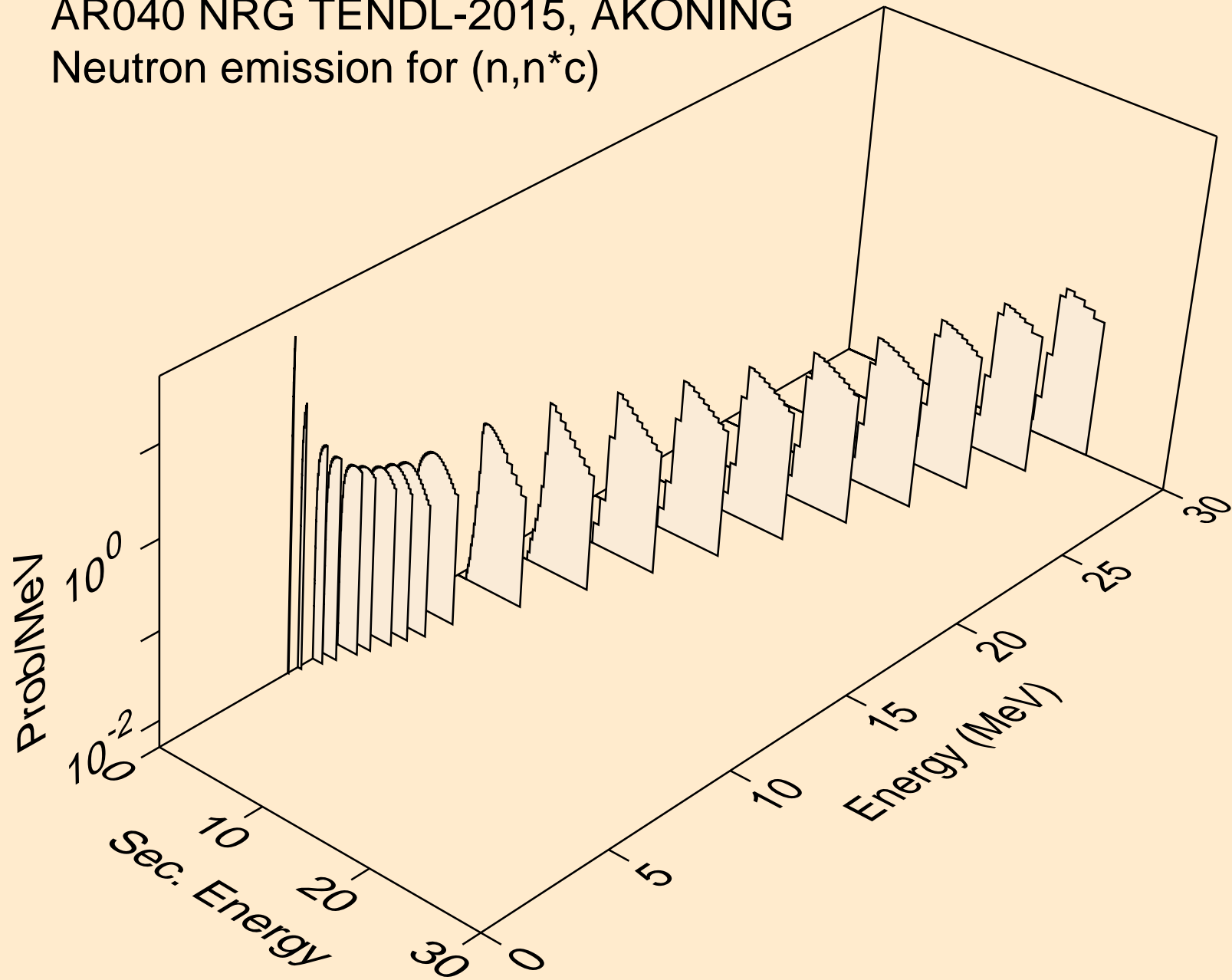
AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

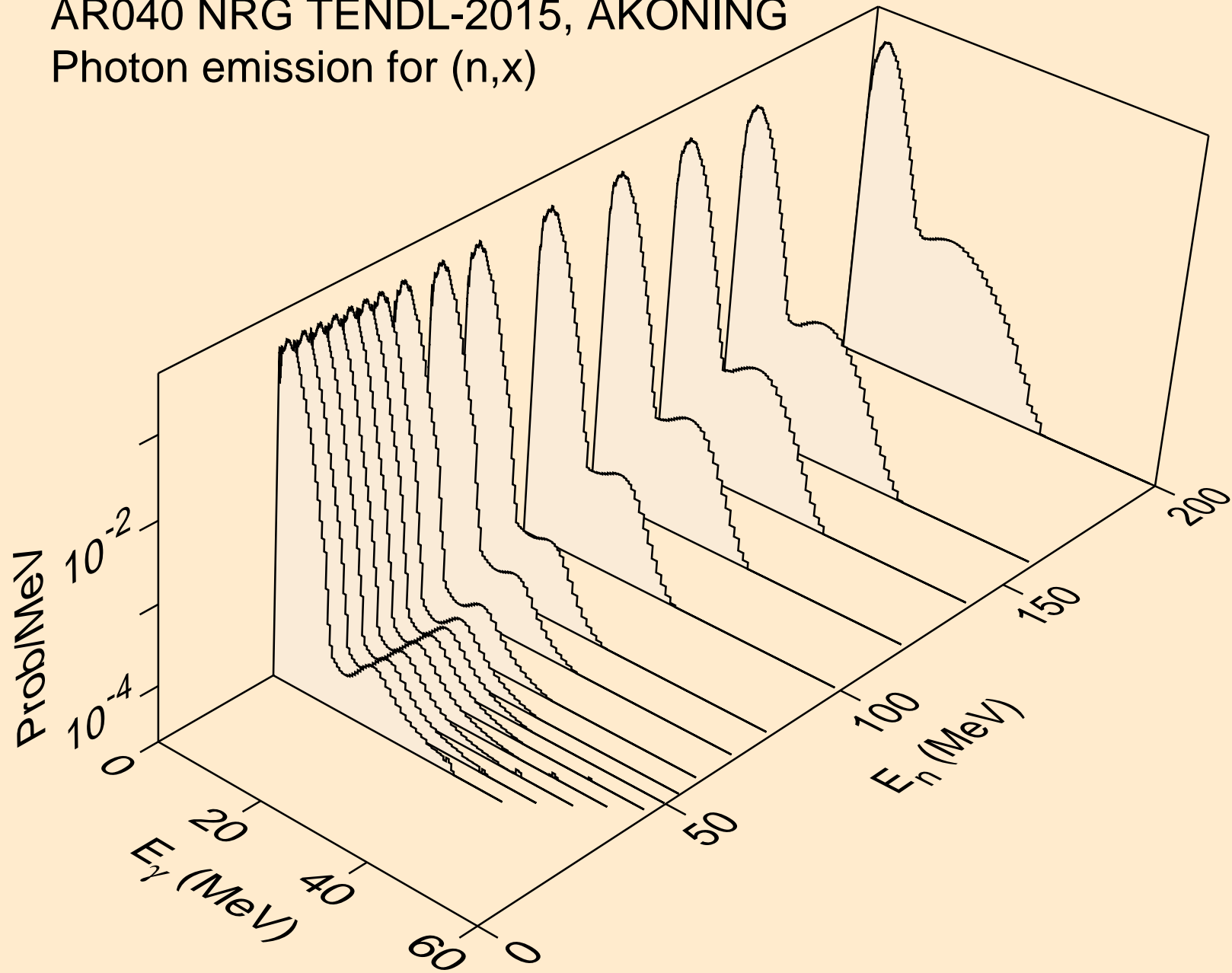


AR040 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

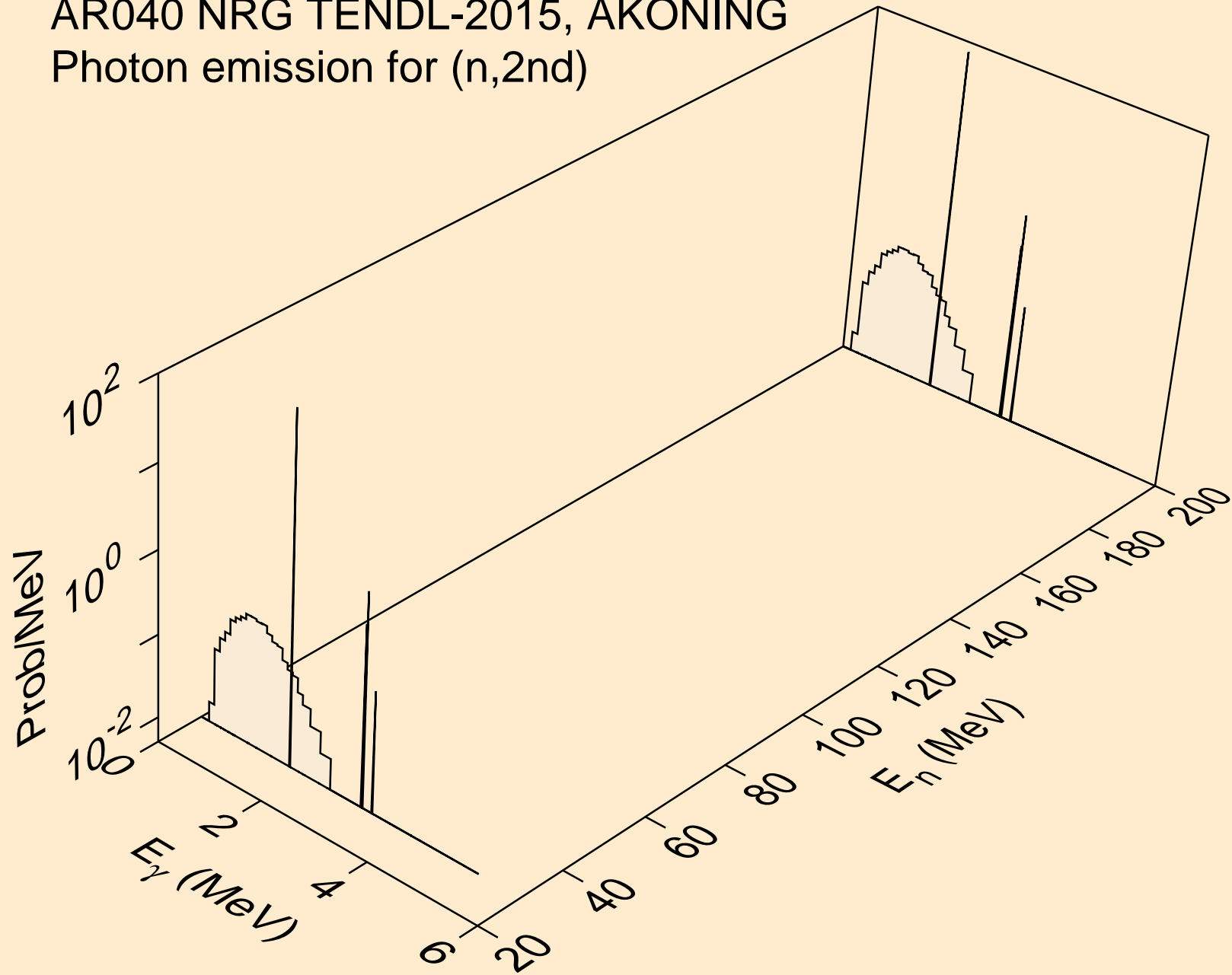




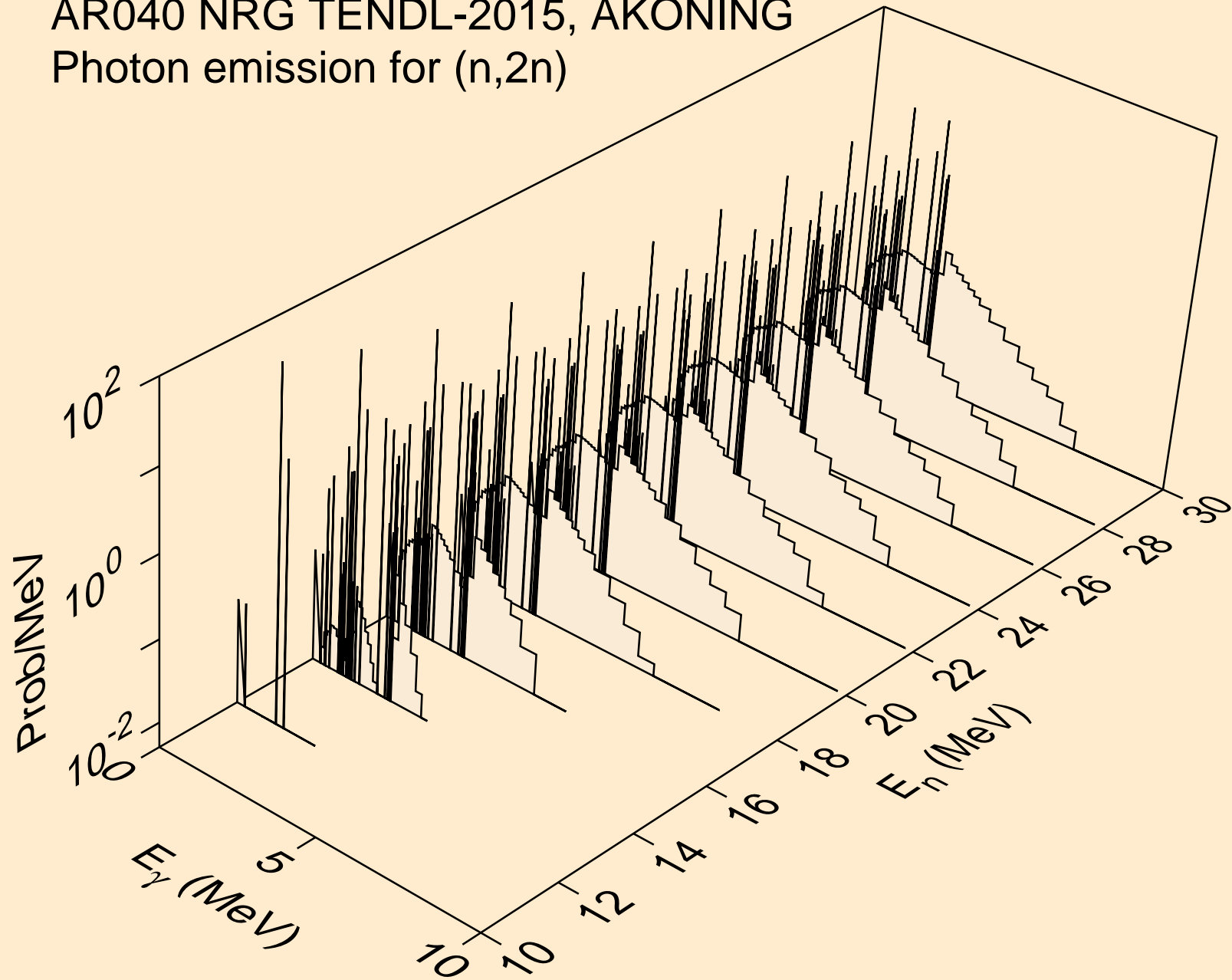
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



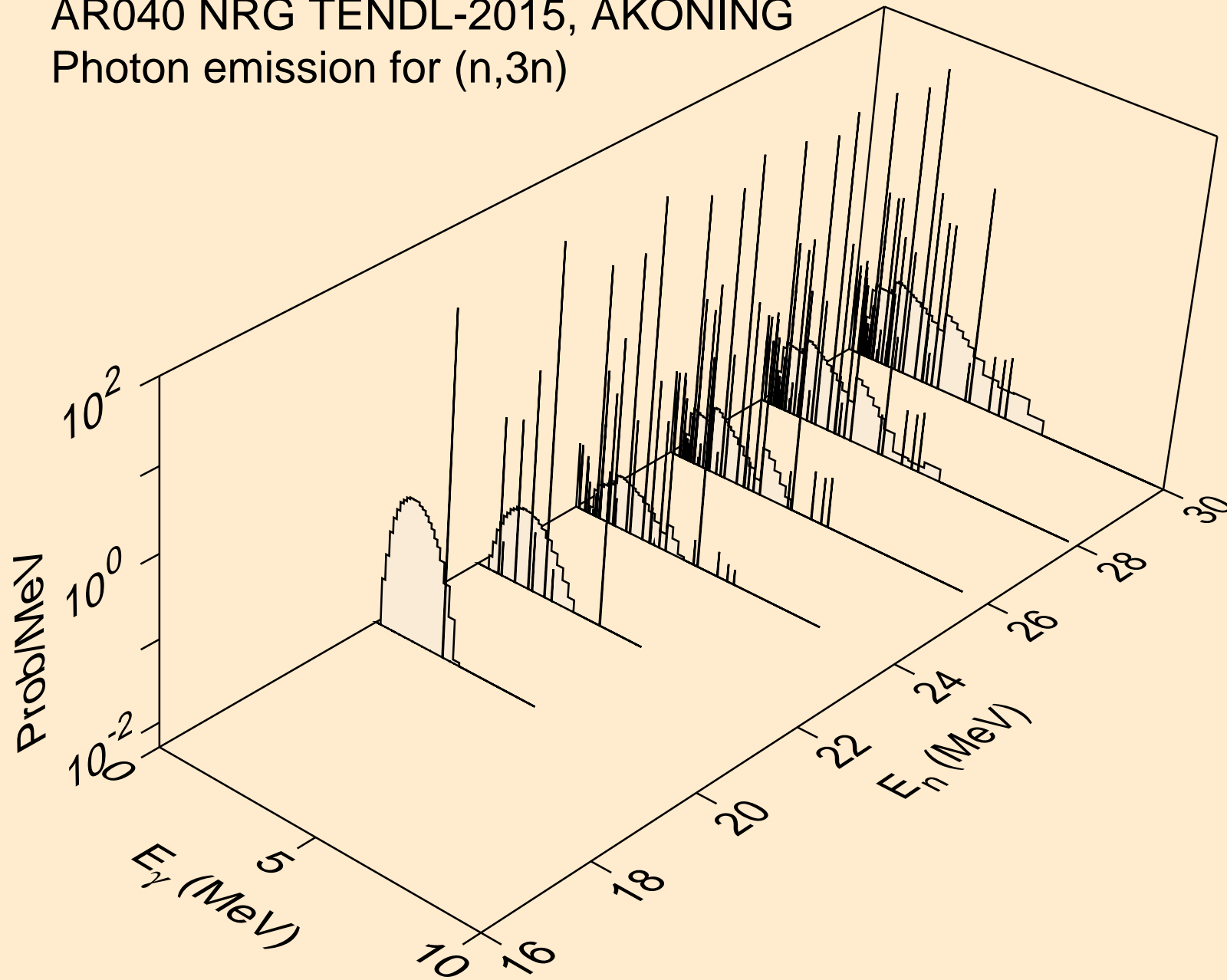
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



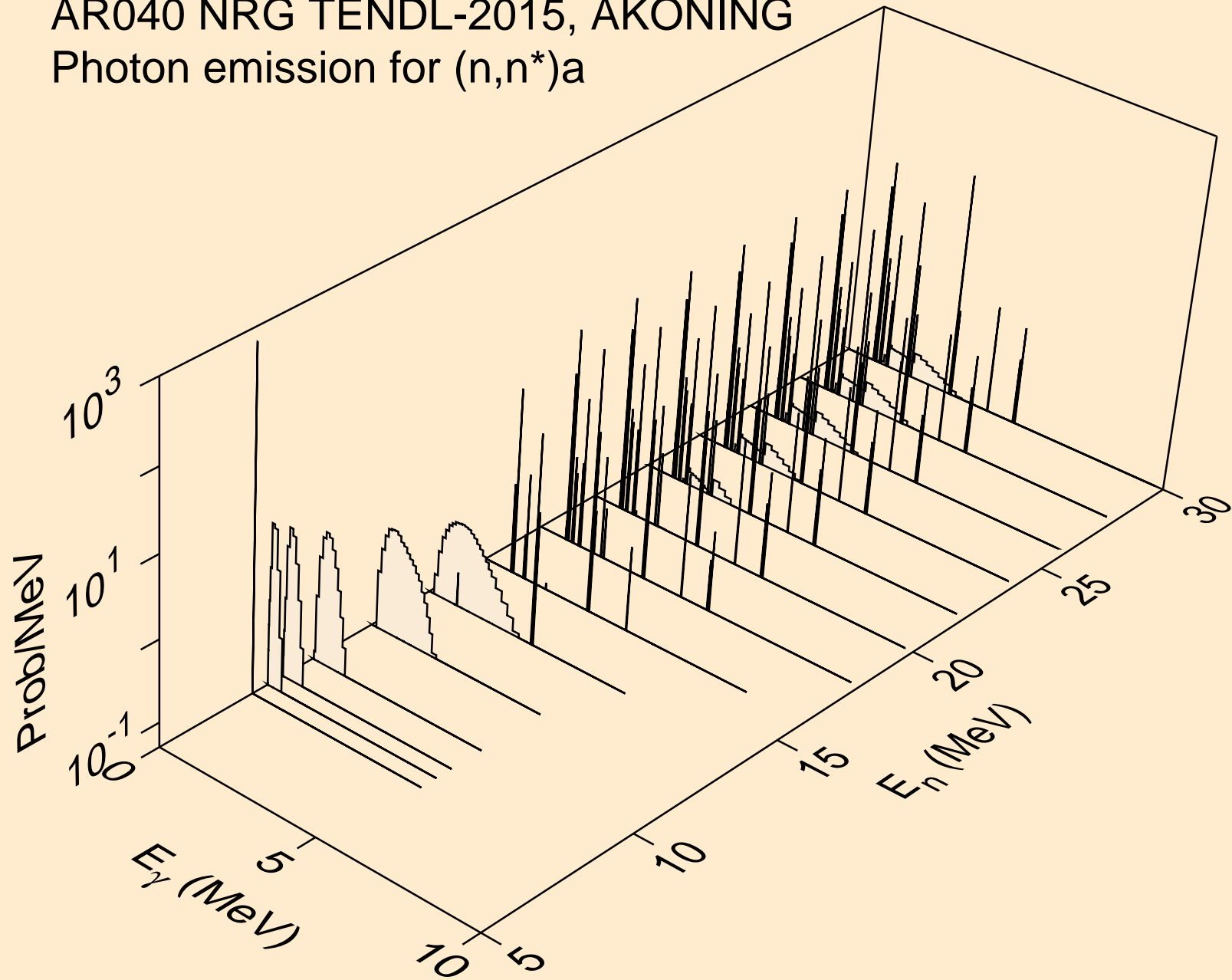
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



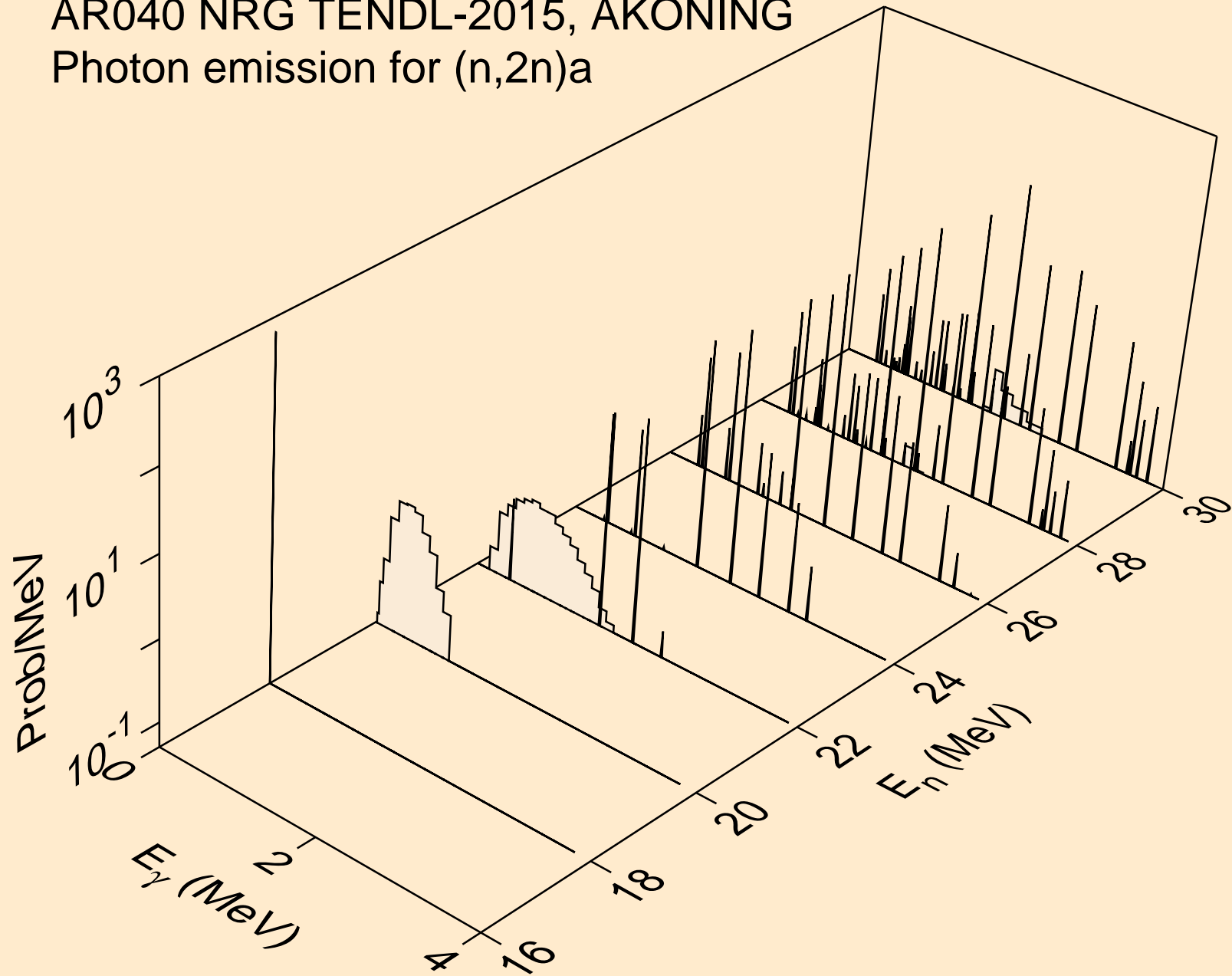
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



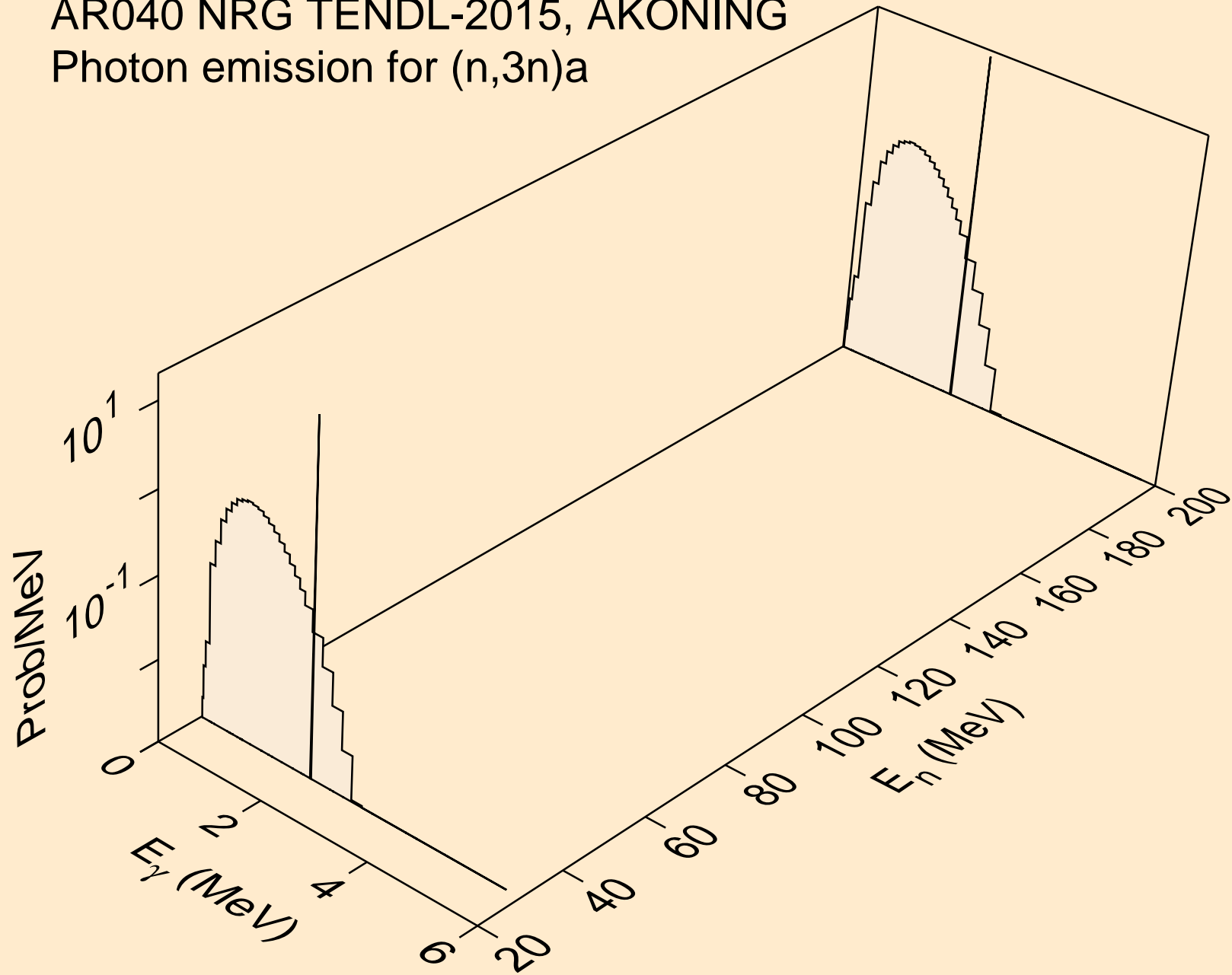
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



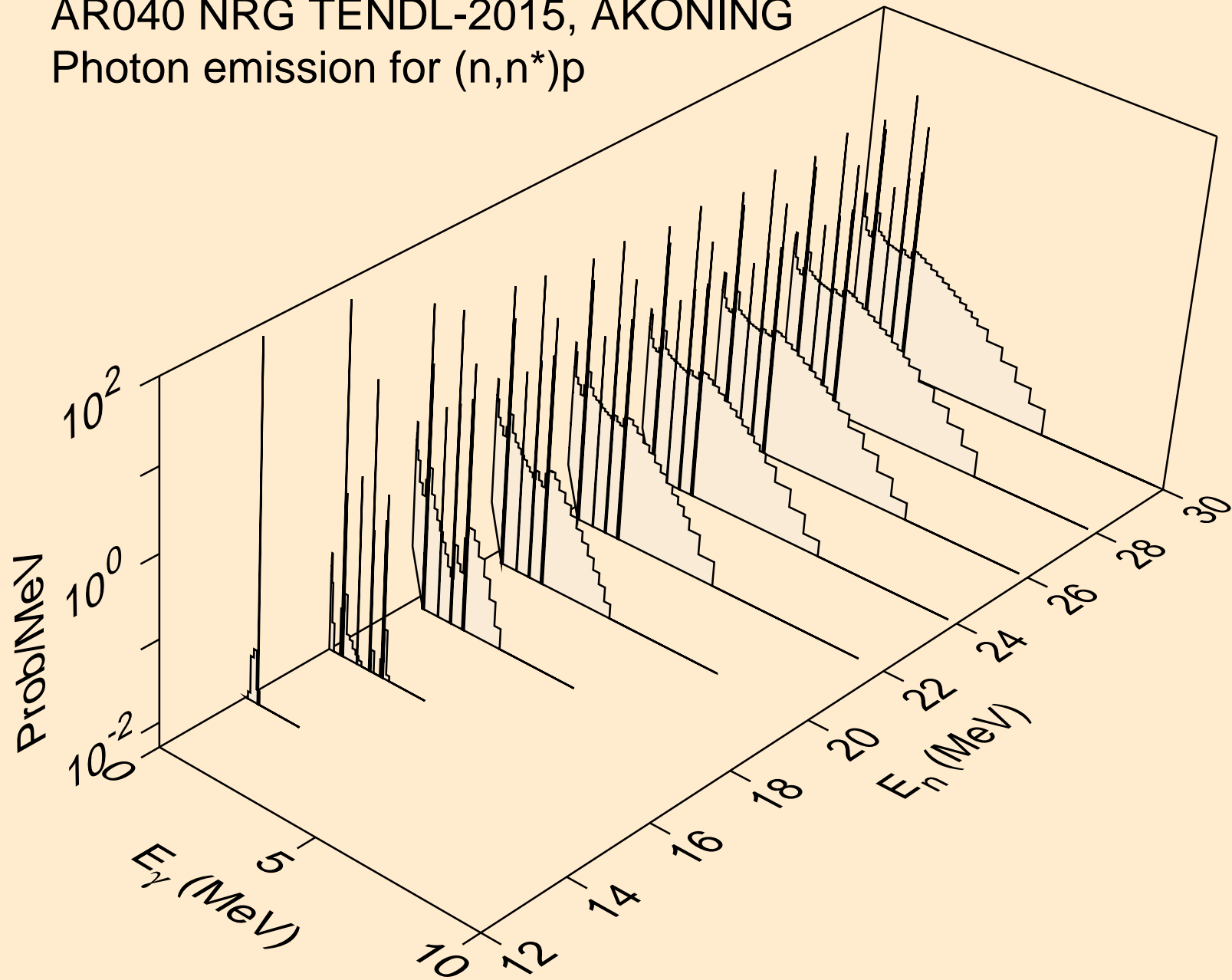
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

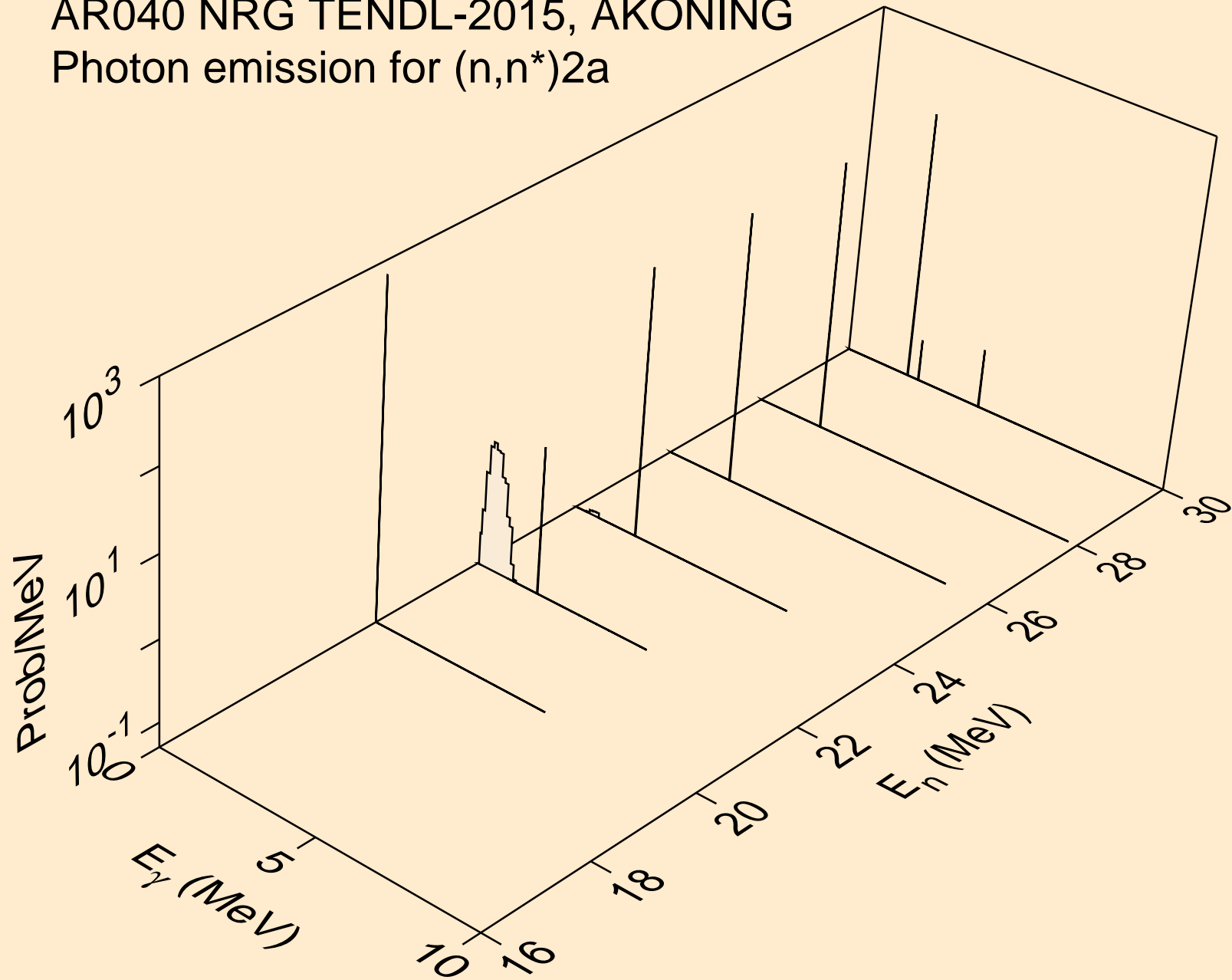


AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



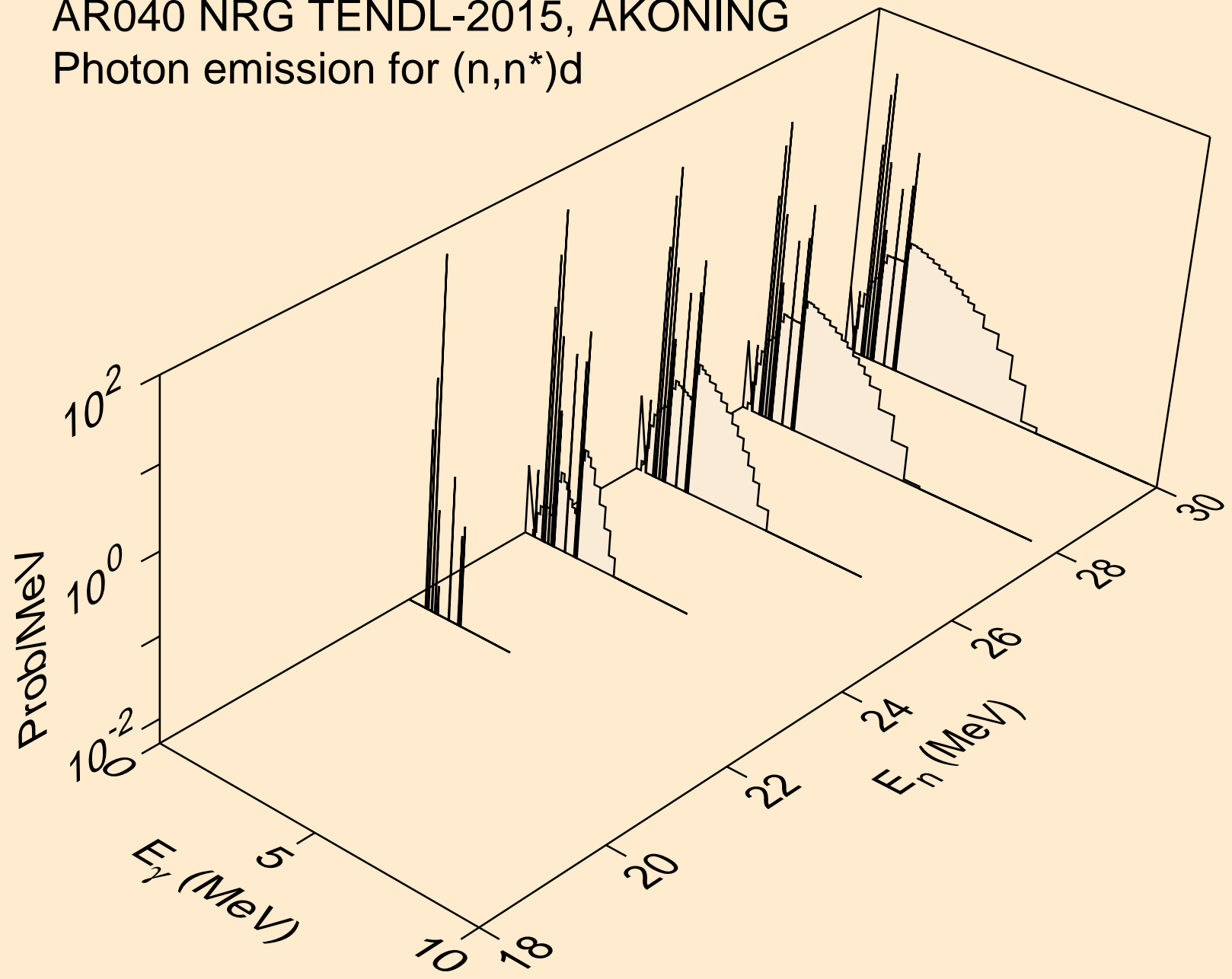


AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

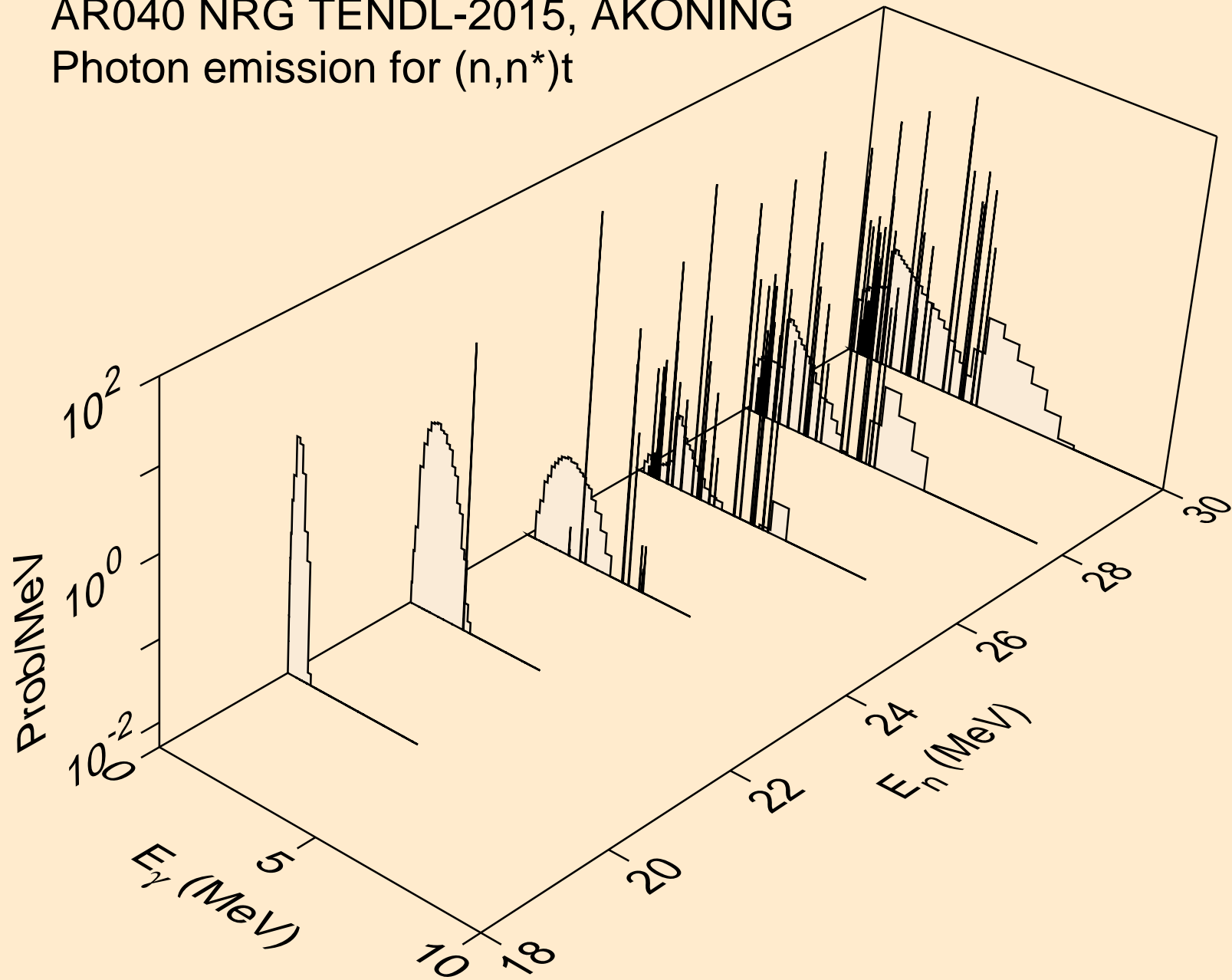


AR040 NRG TENDL-2015, AKONING

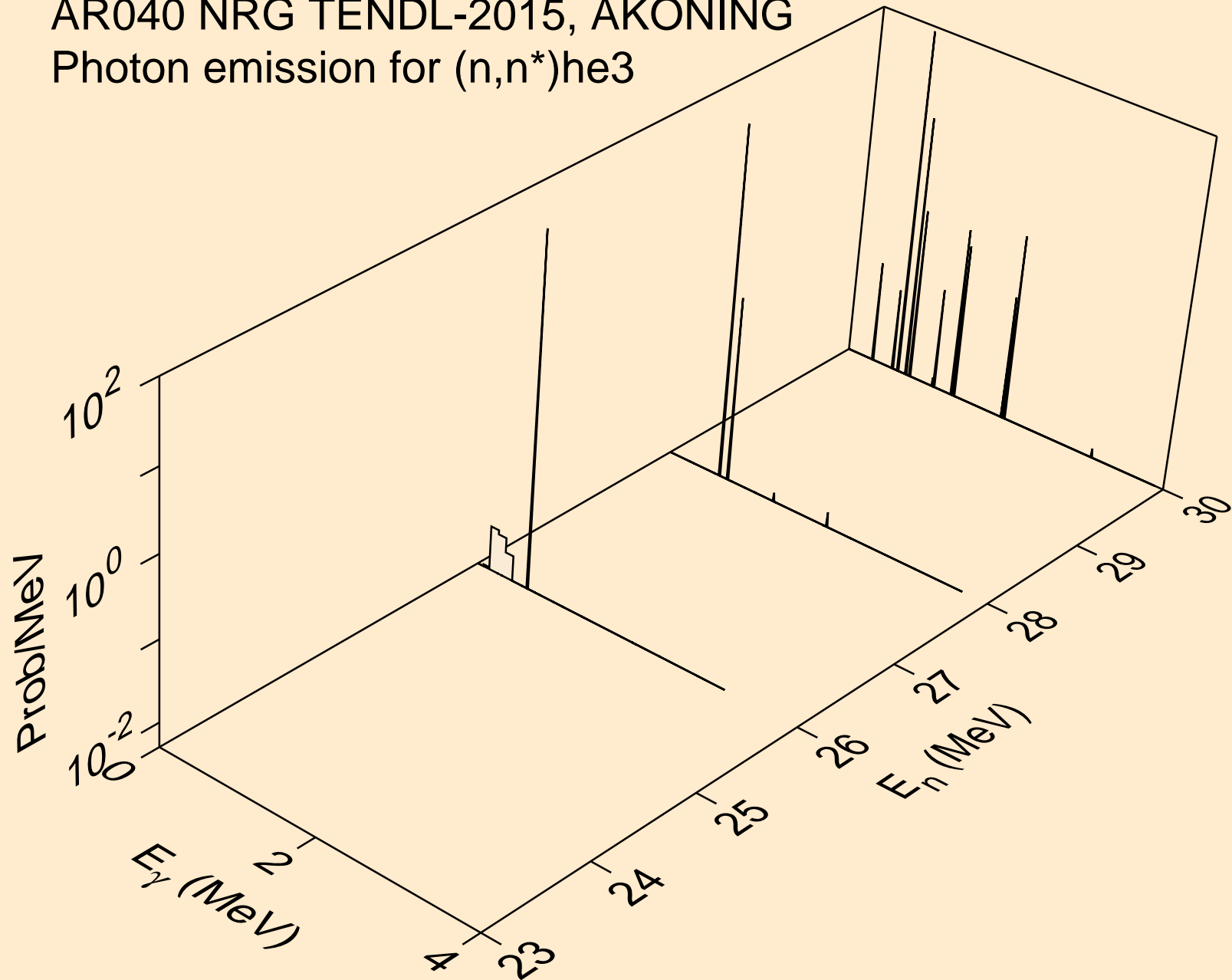
Photon emission for (n,n\*)d



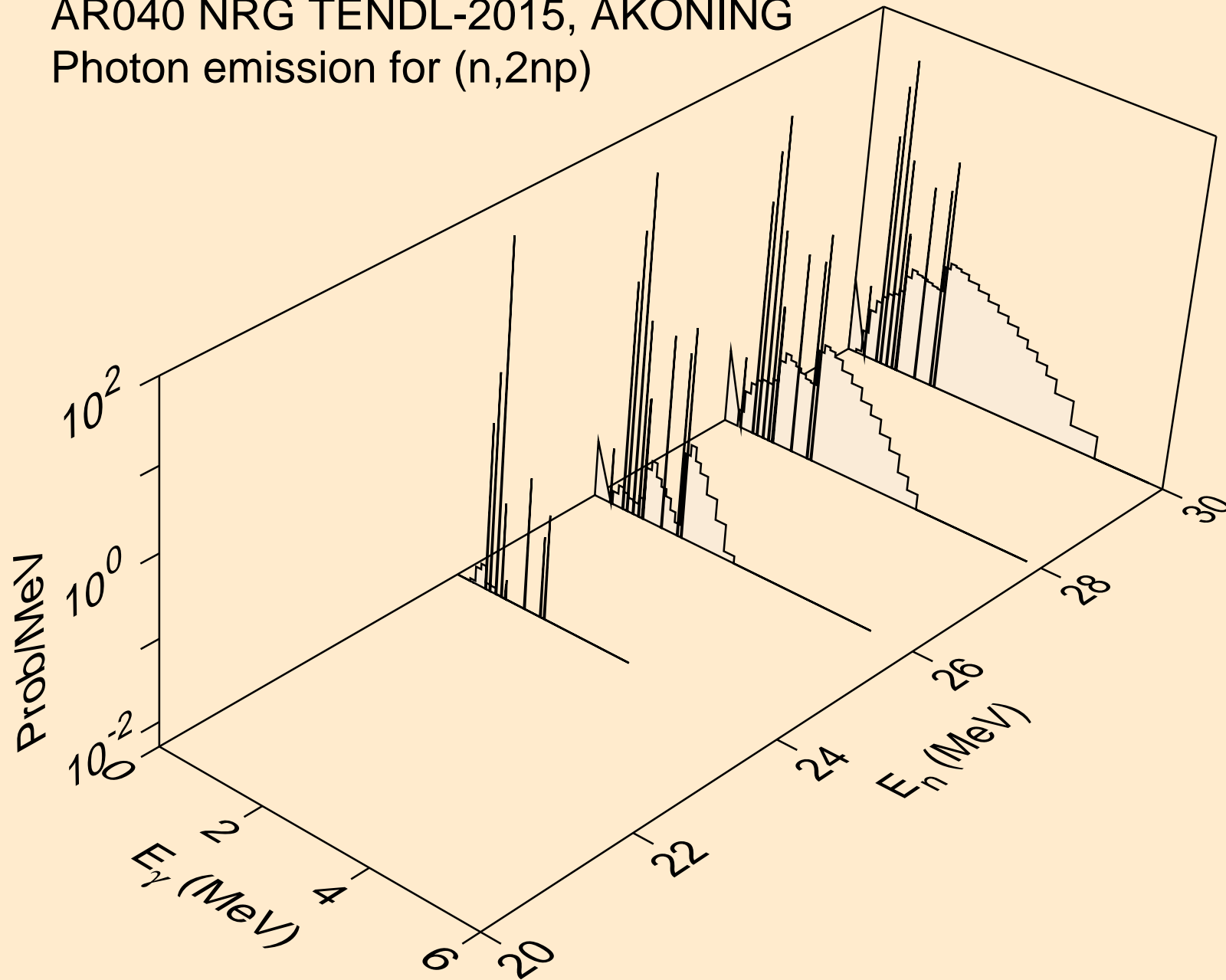
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



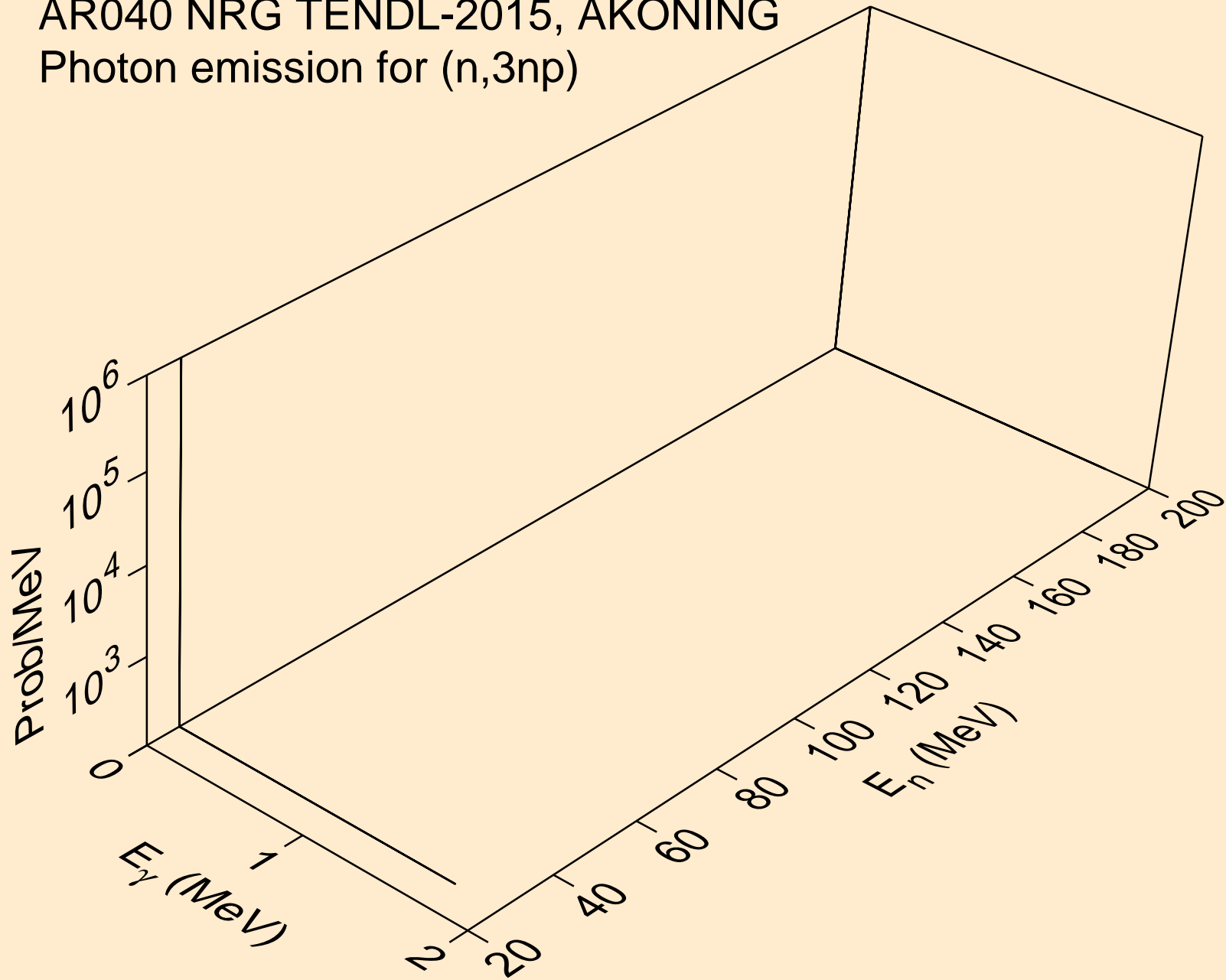
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



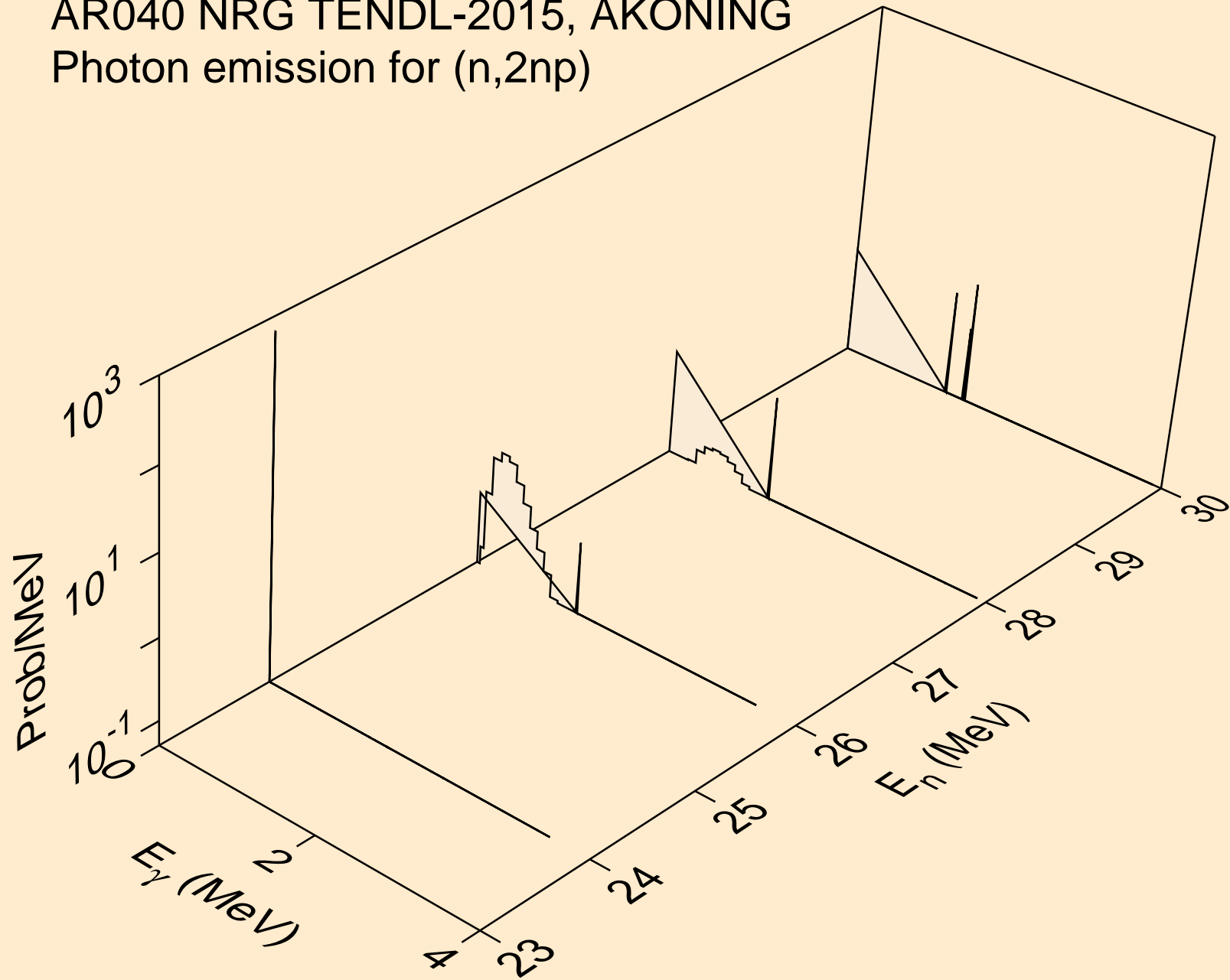
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



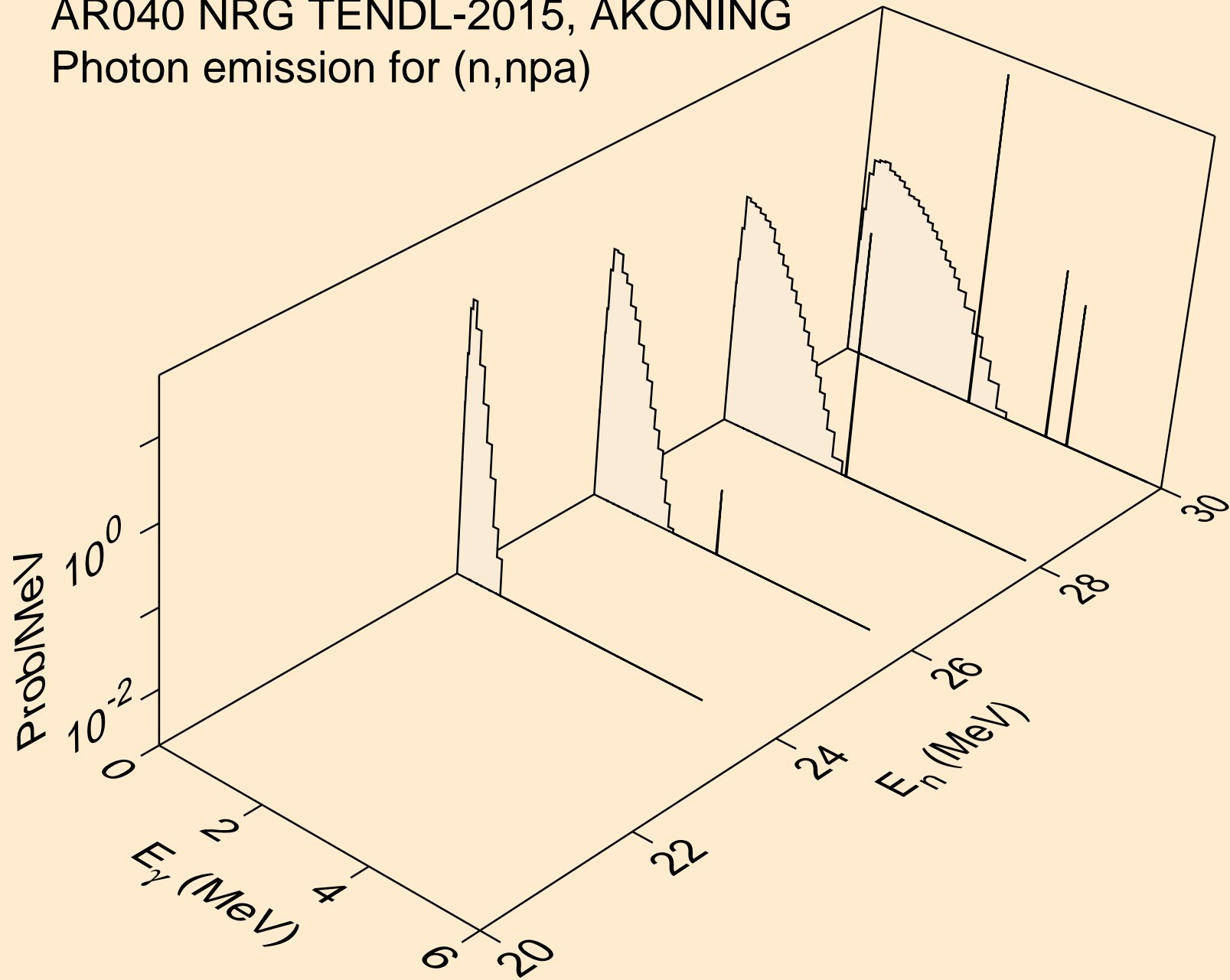
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

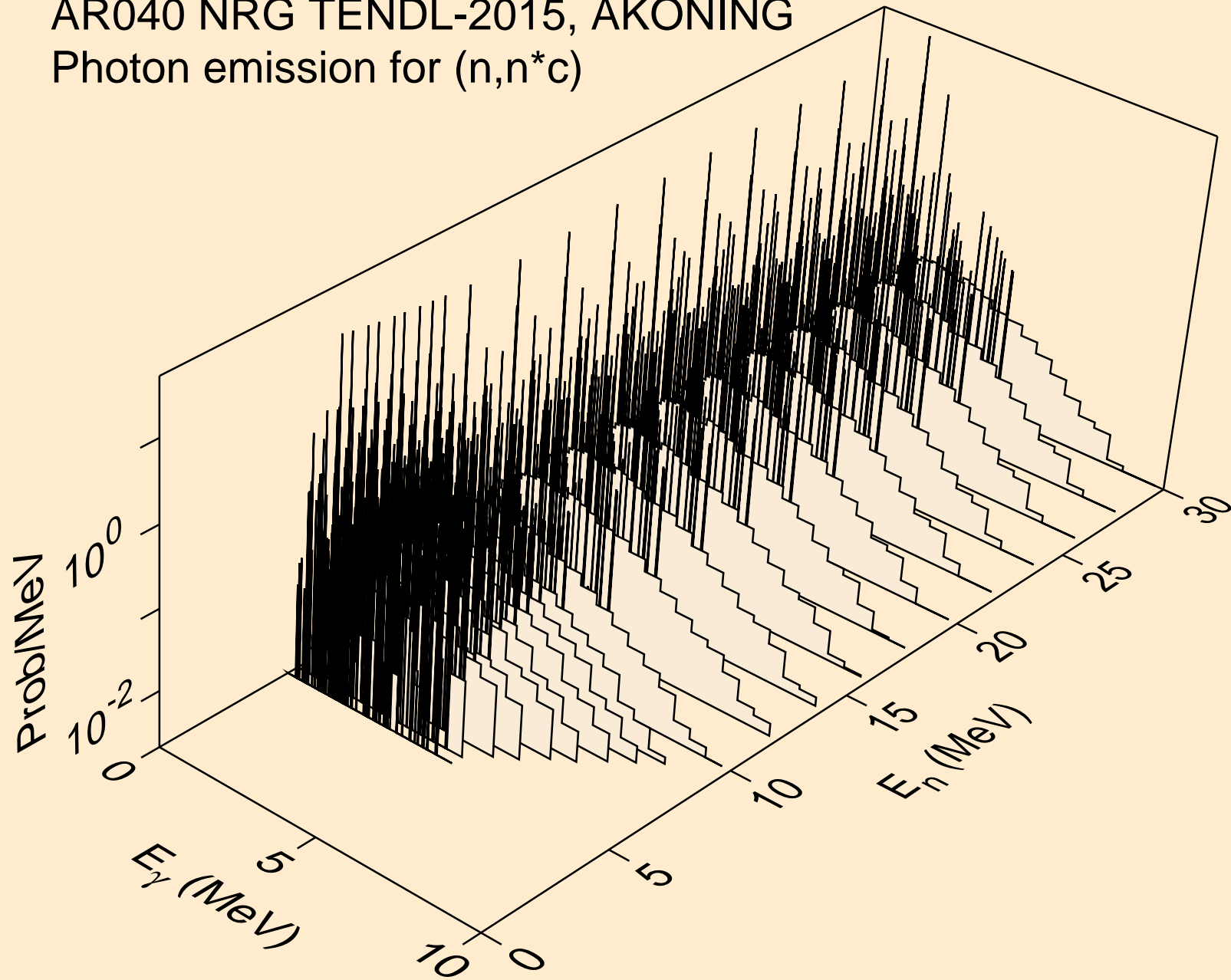


AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

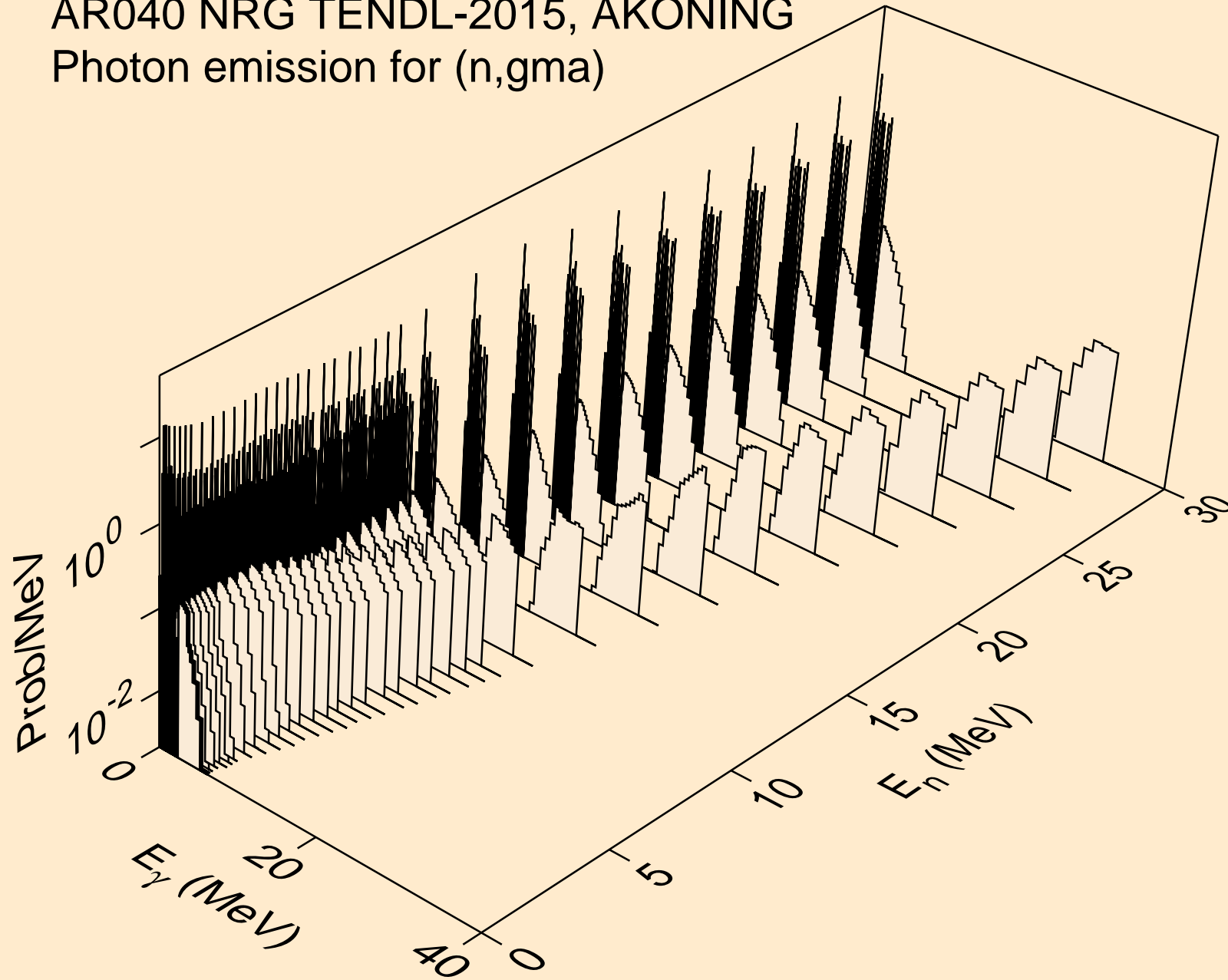




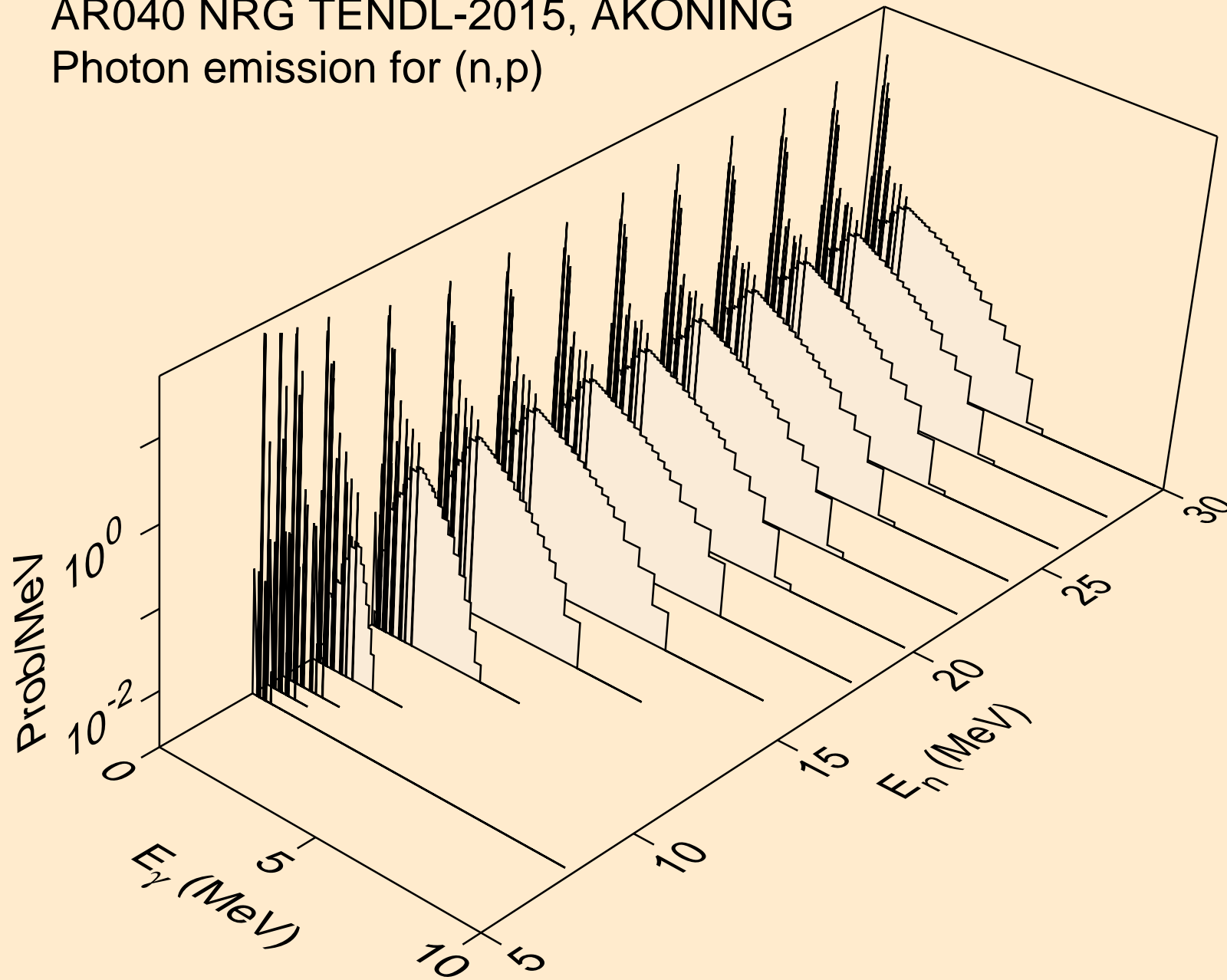
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



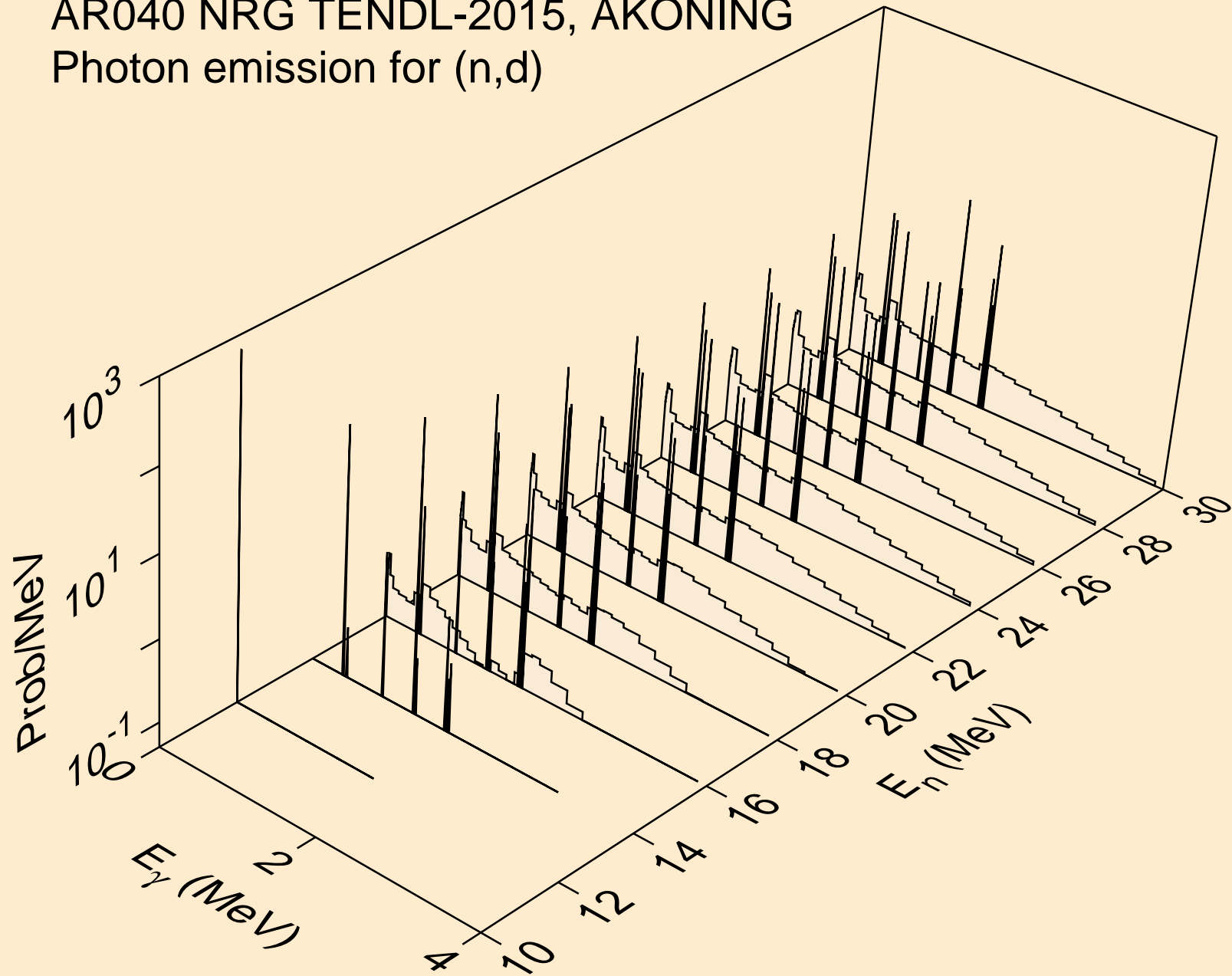
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



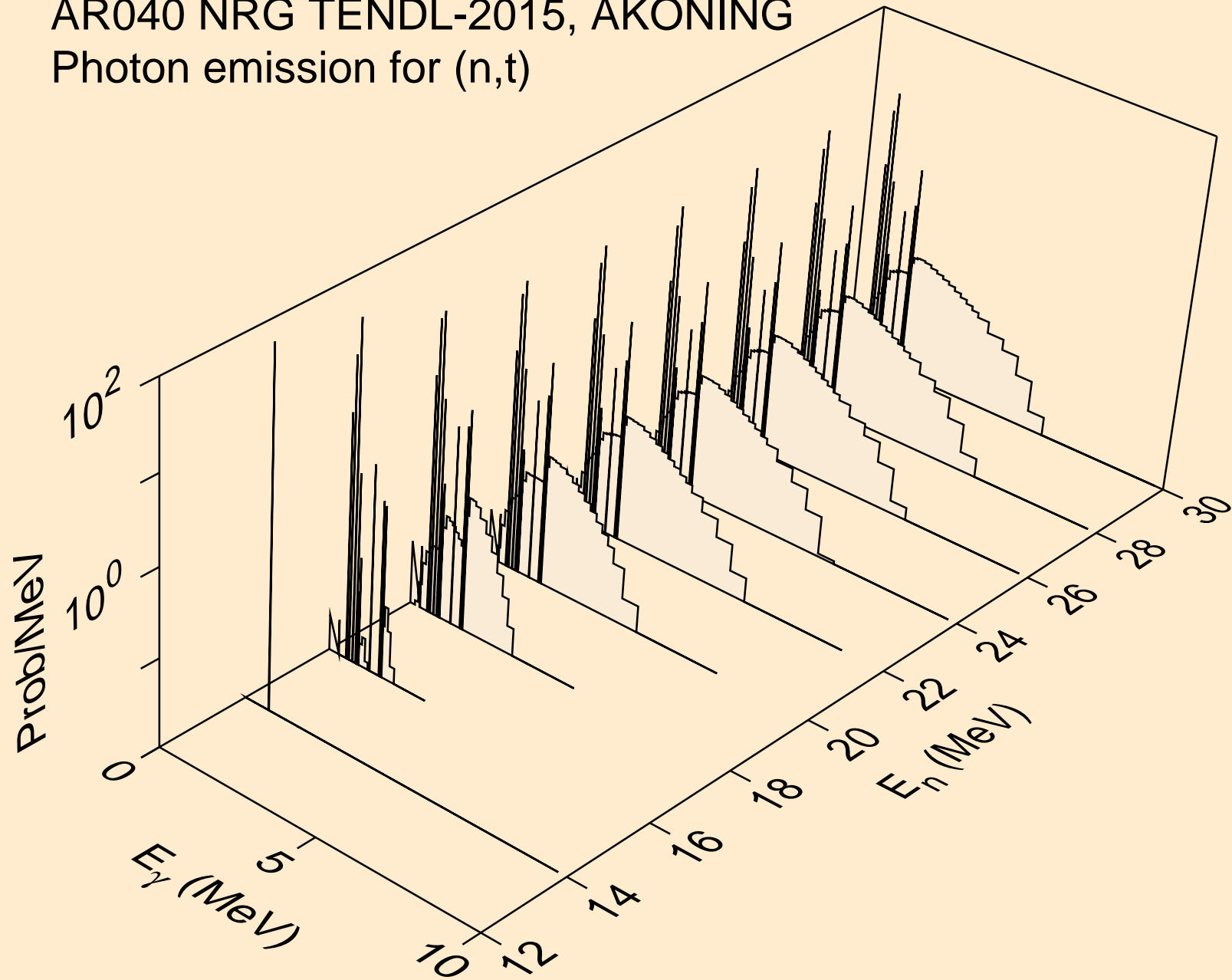
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



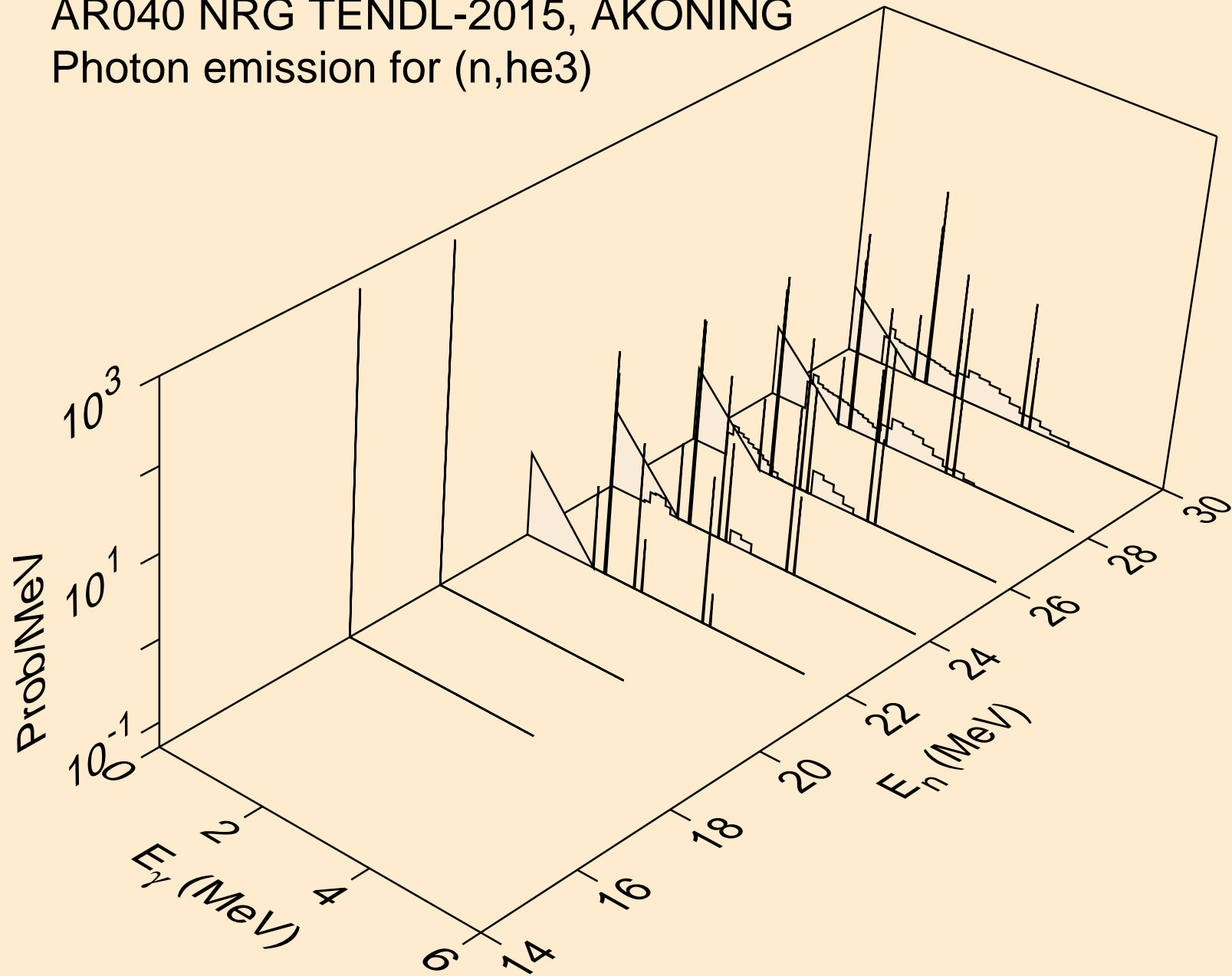
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



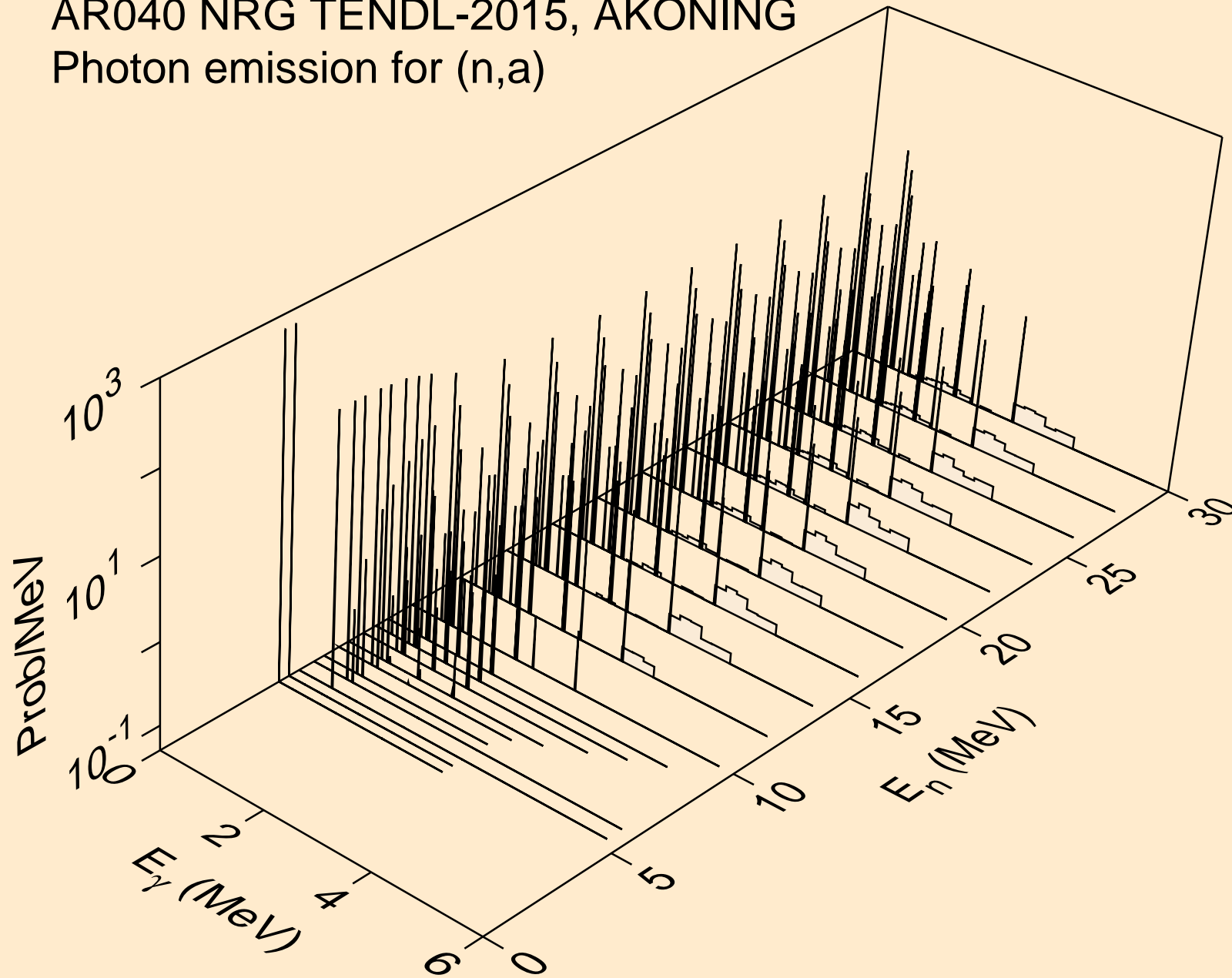
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



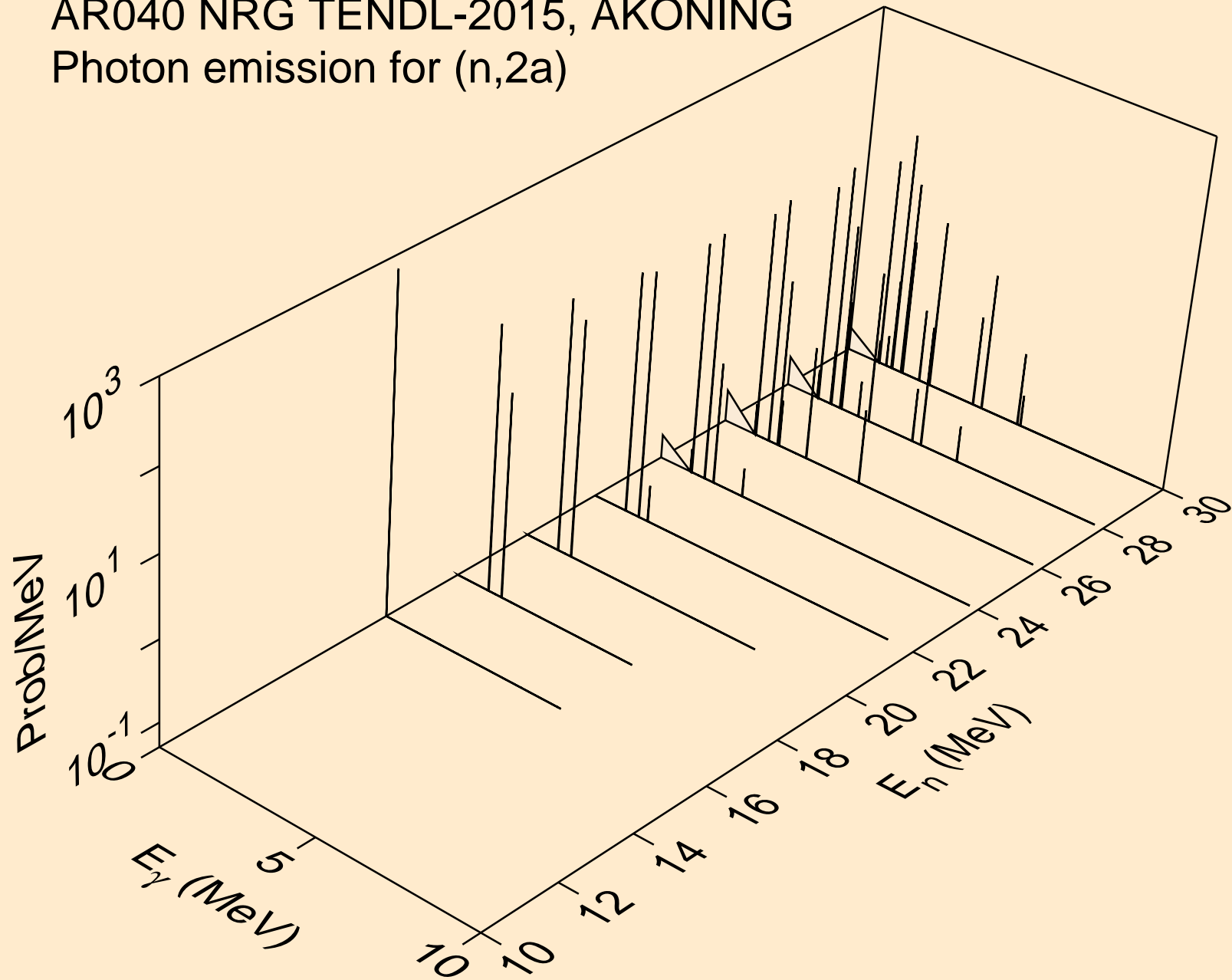
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

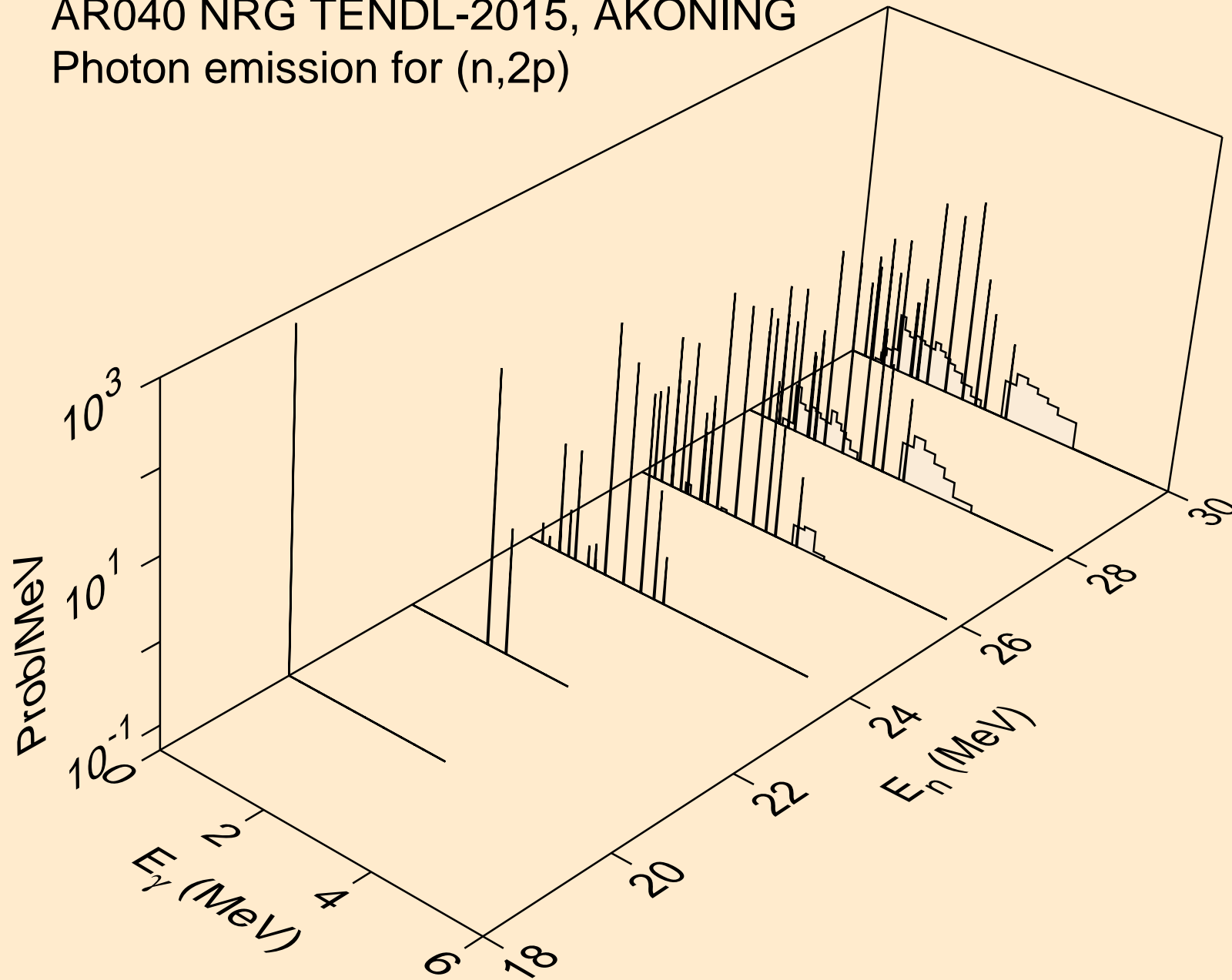


AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

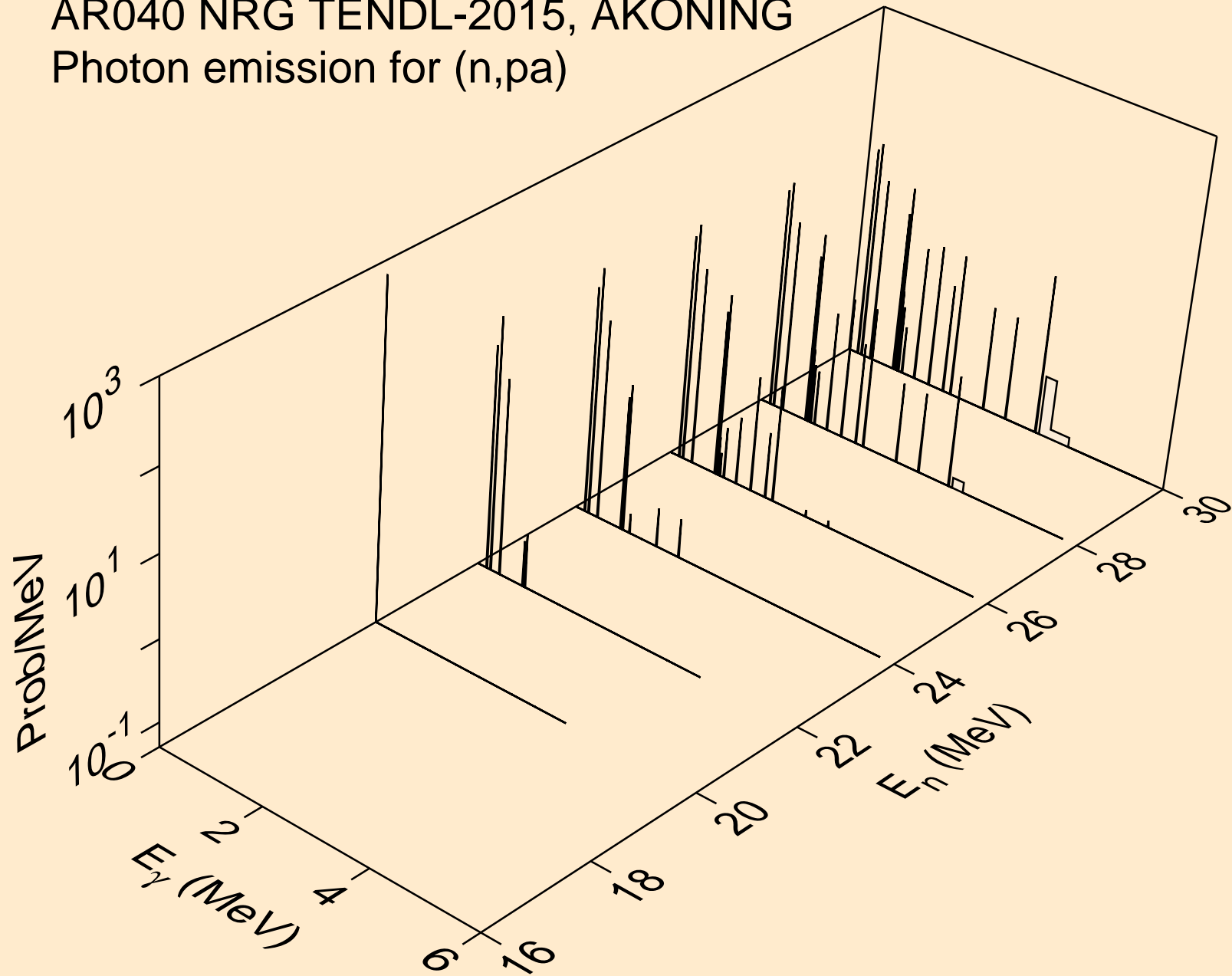




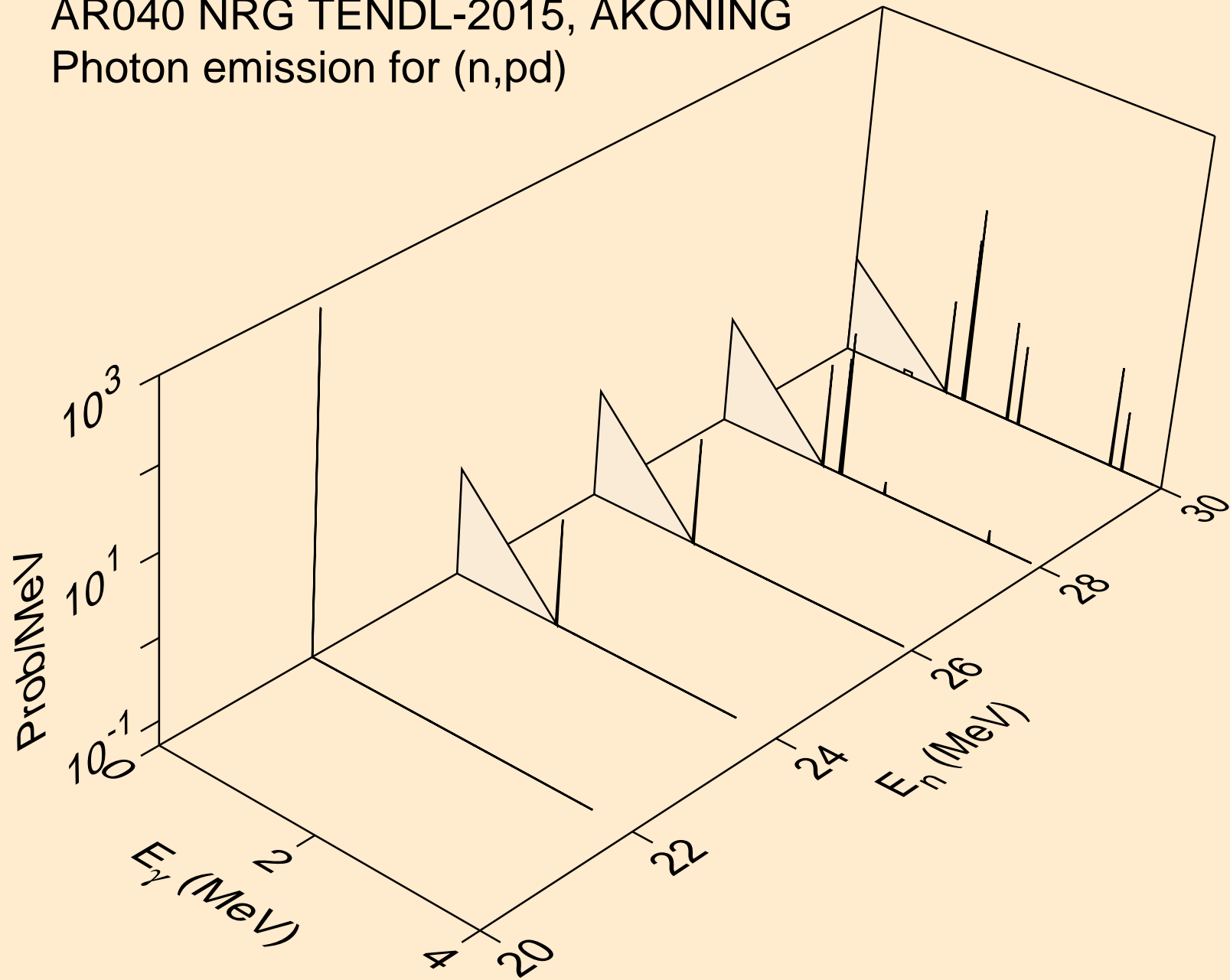
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



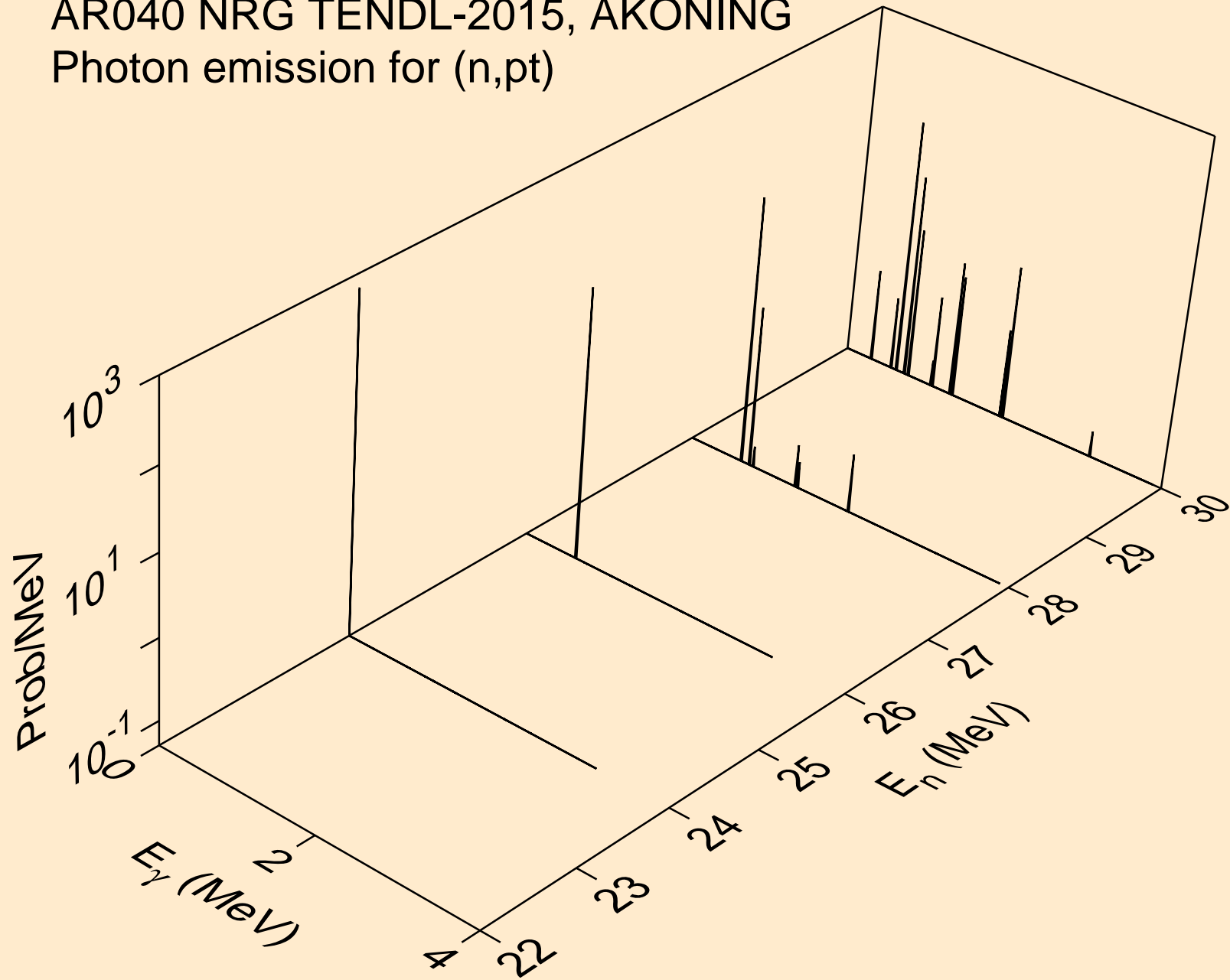
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



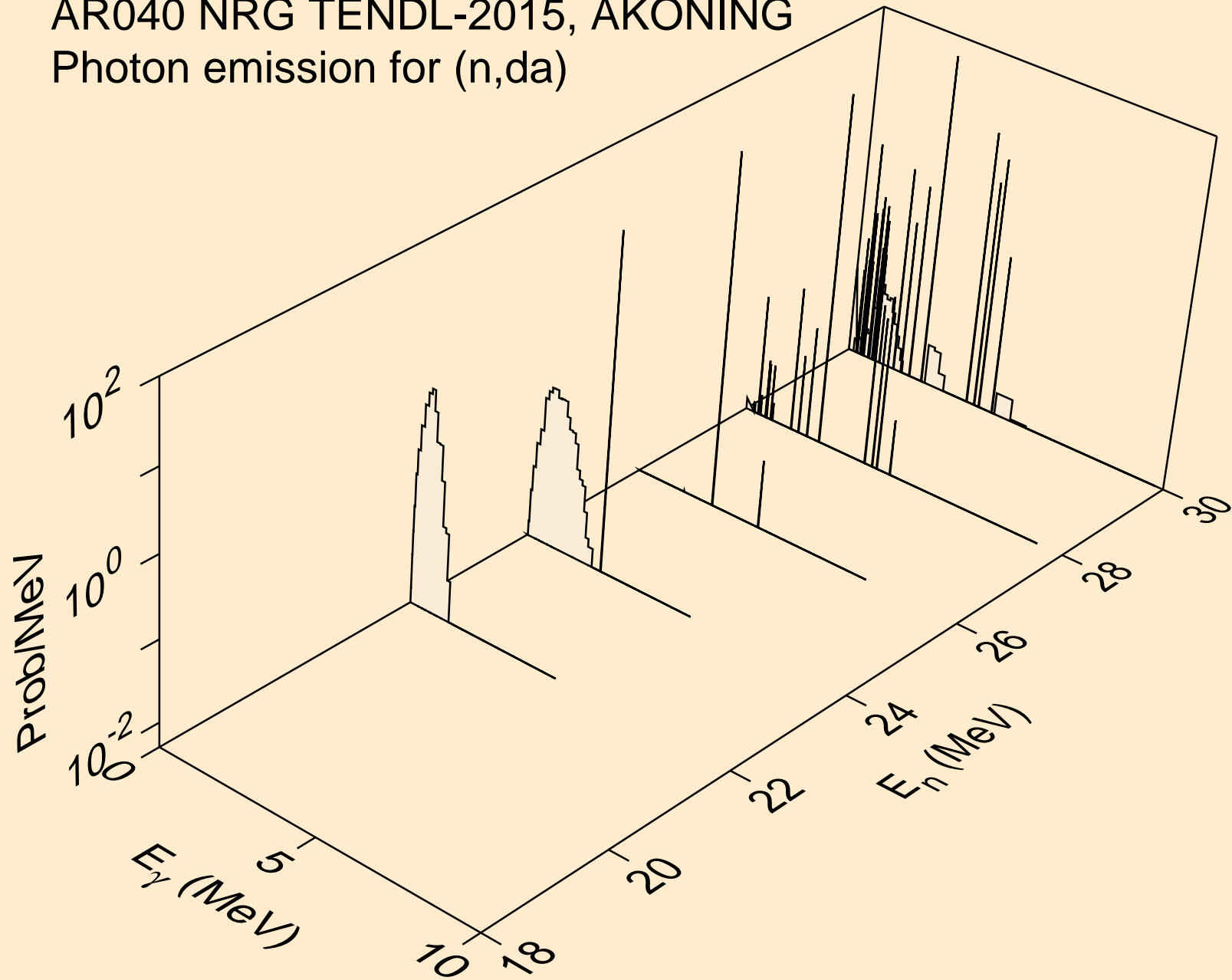
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



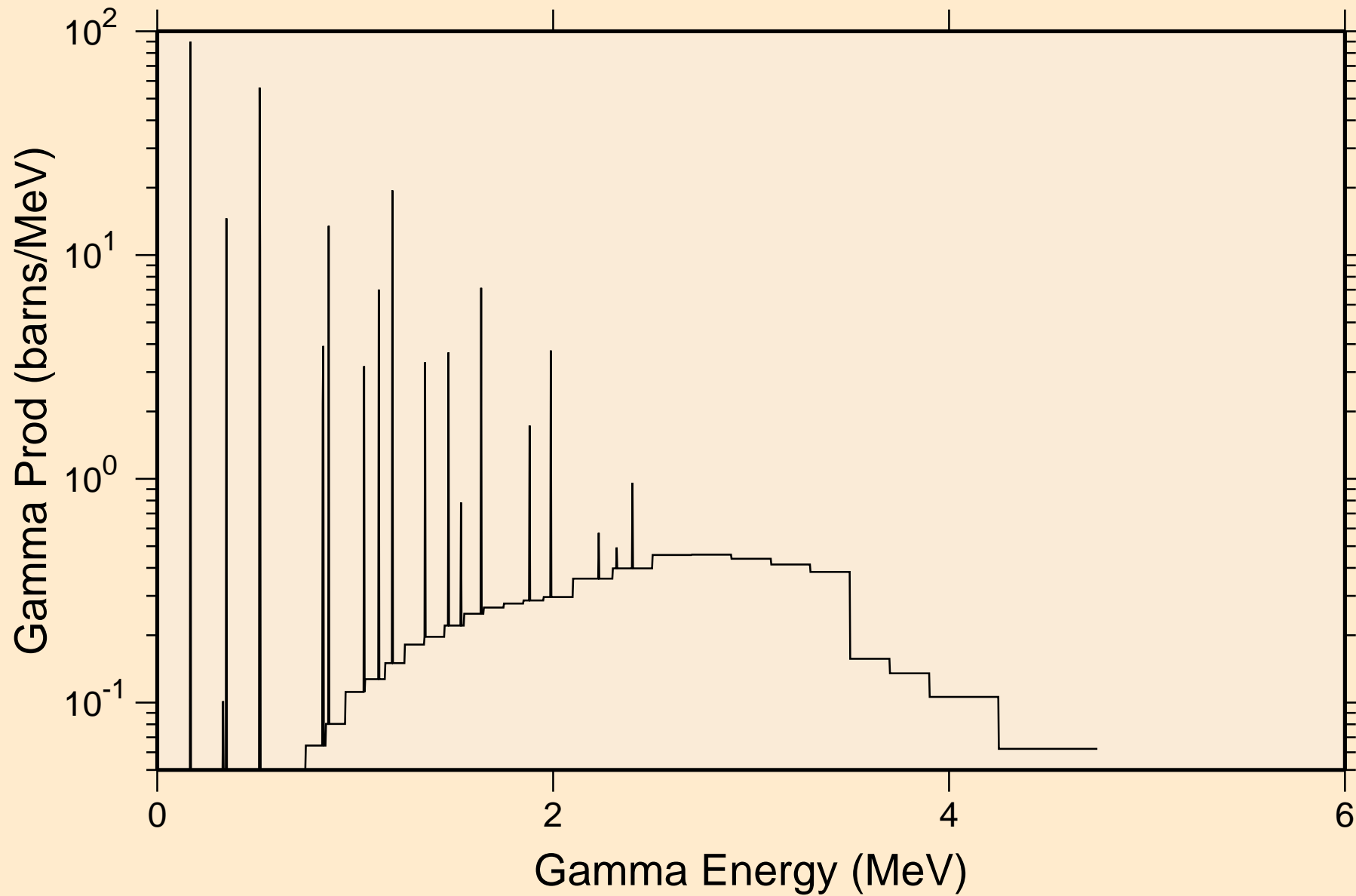
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



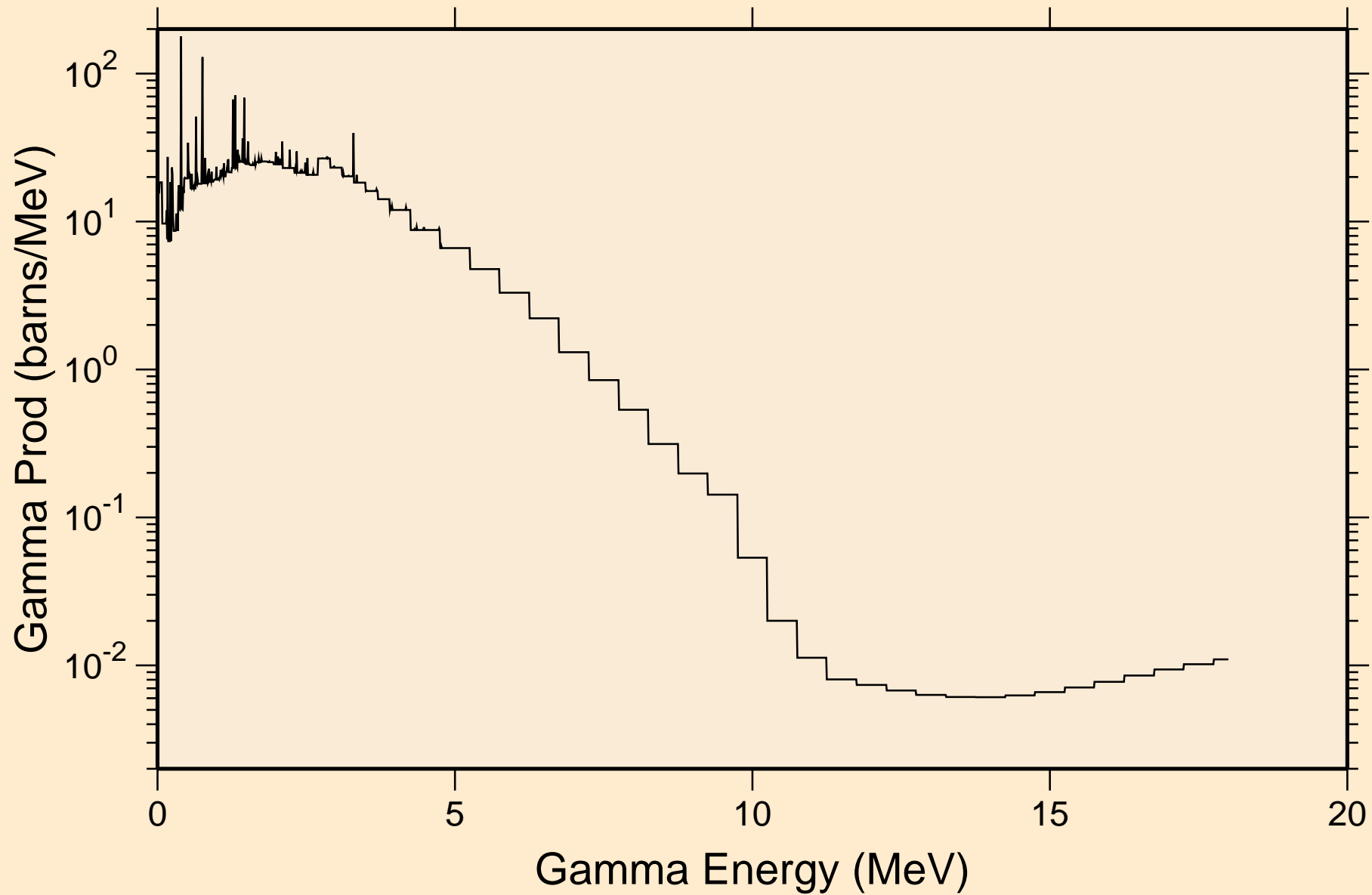
AR040 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AR040 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

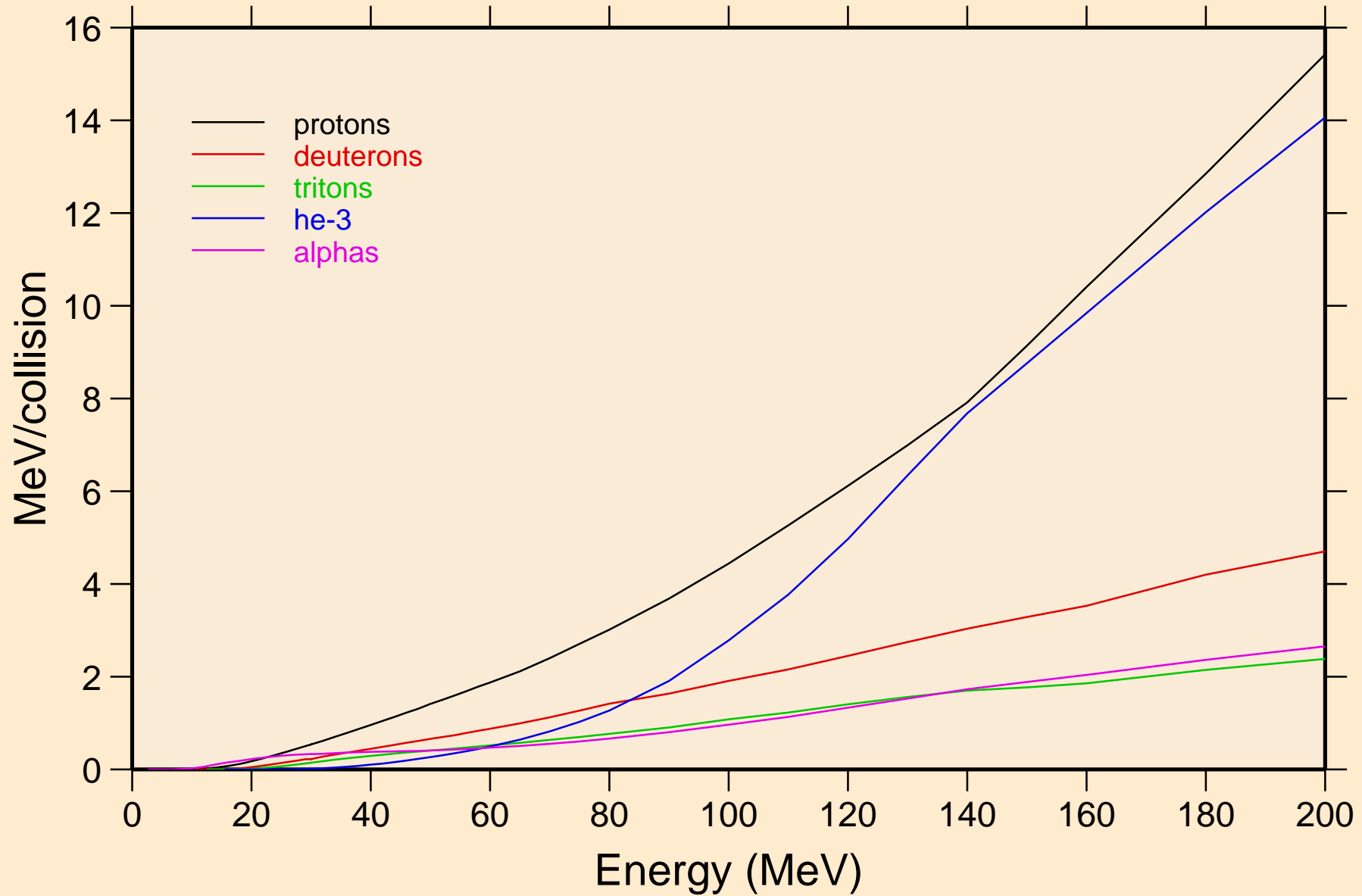


AR040 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# AR040 NRG TENDL-2015, AKONING

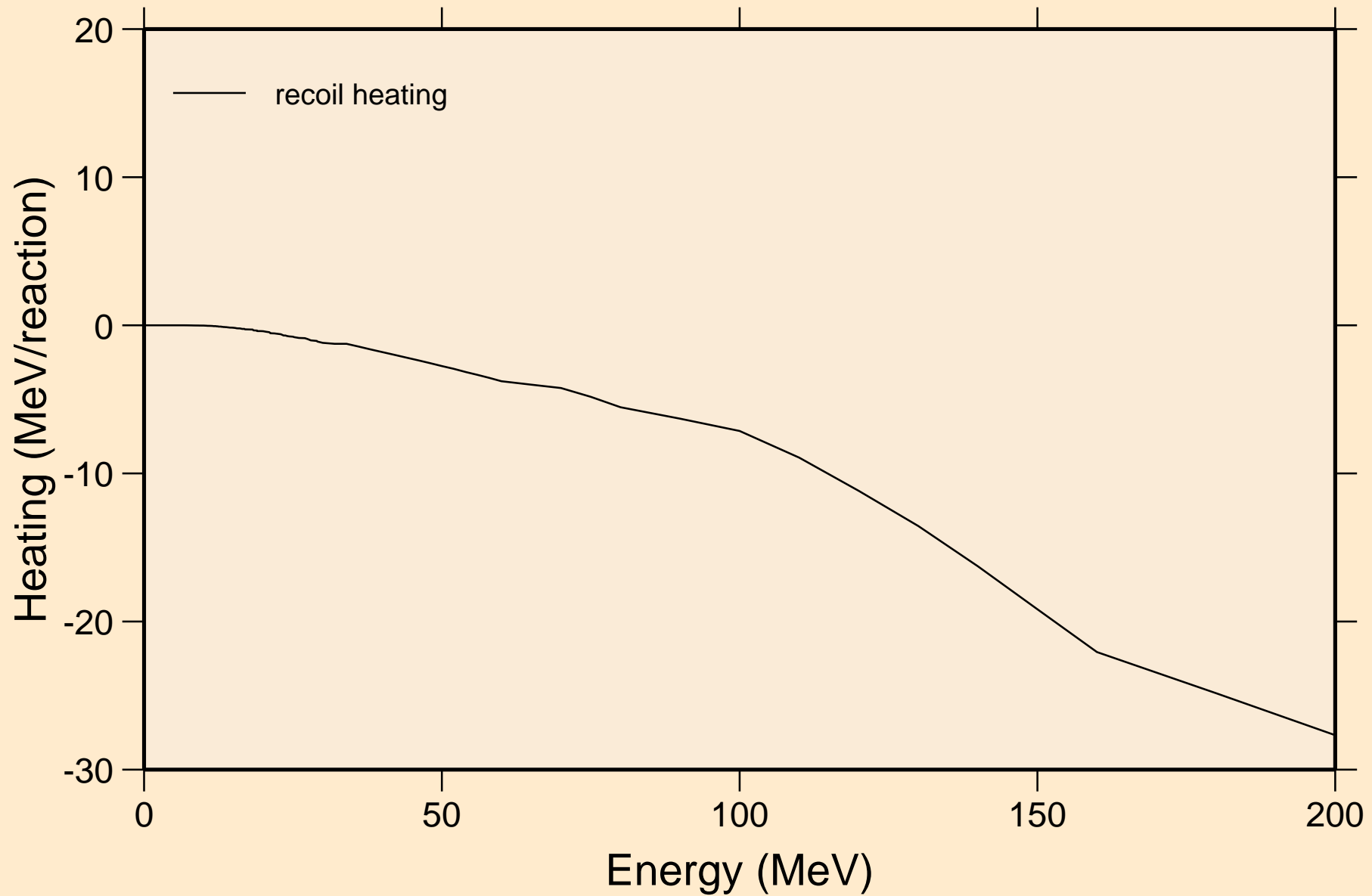
## Particle heating contributions





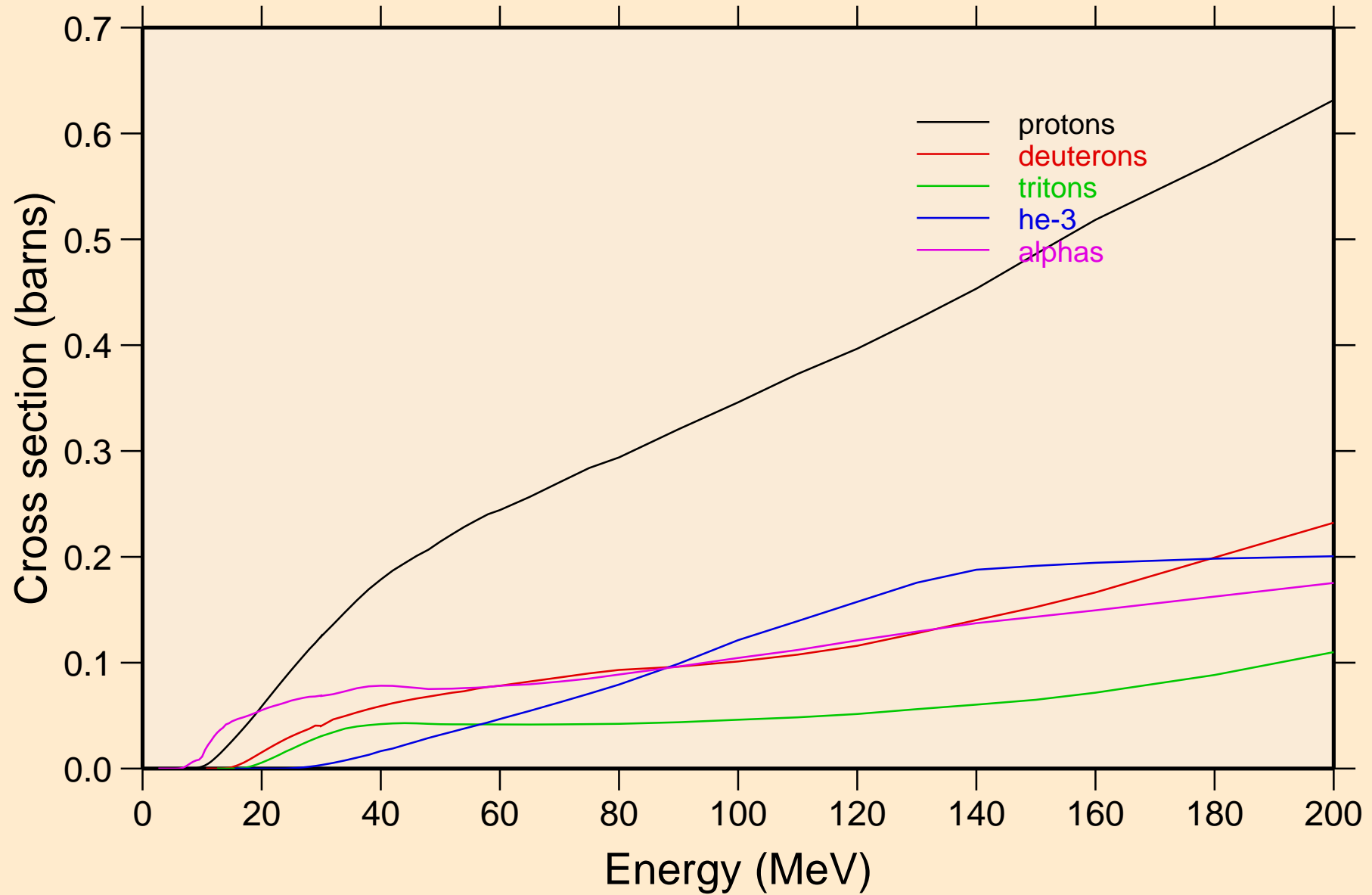
# AR040 NRG TENDL-2015, AKONING

## Recoil Heating

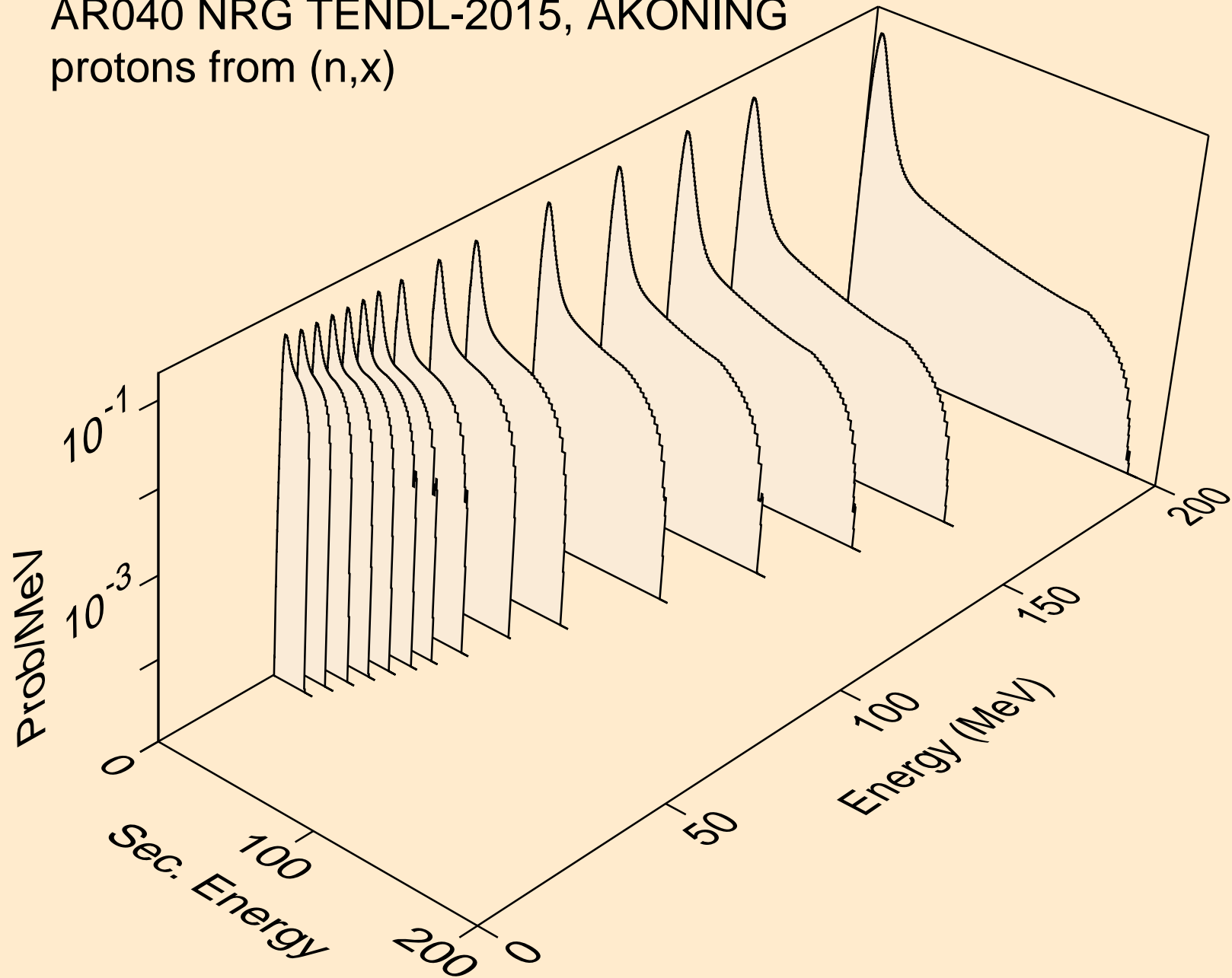


# AR040 NRG TENDL-2015, AKONING

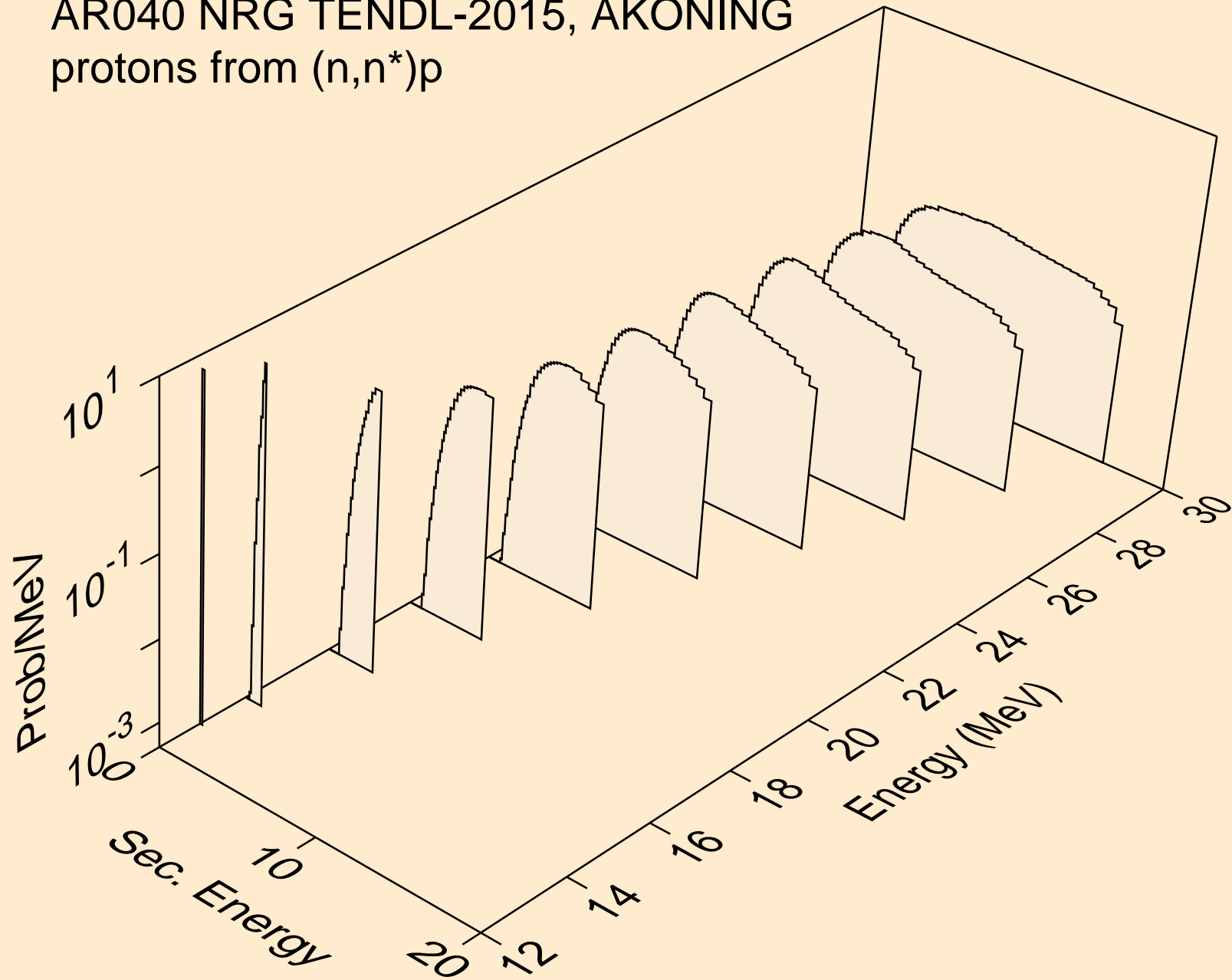
## Particle production cross sections



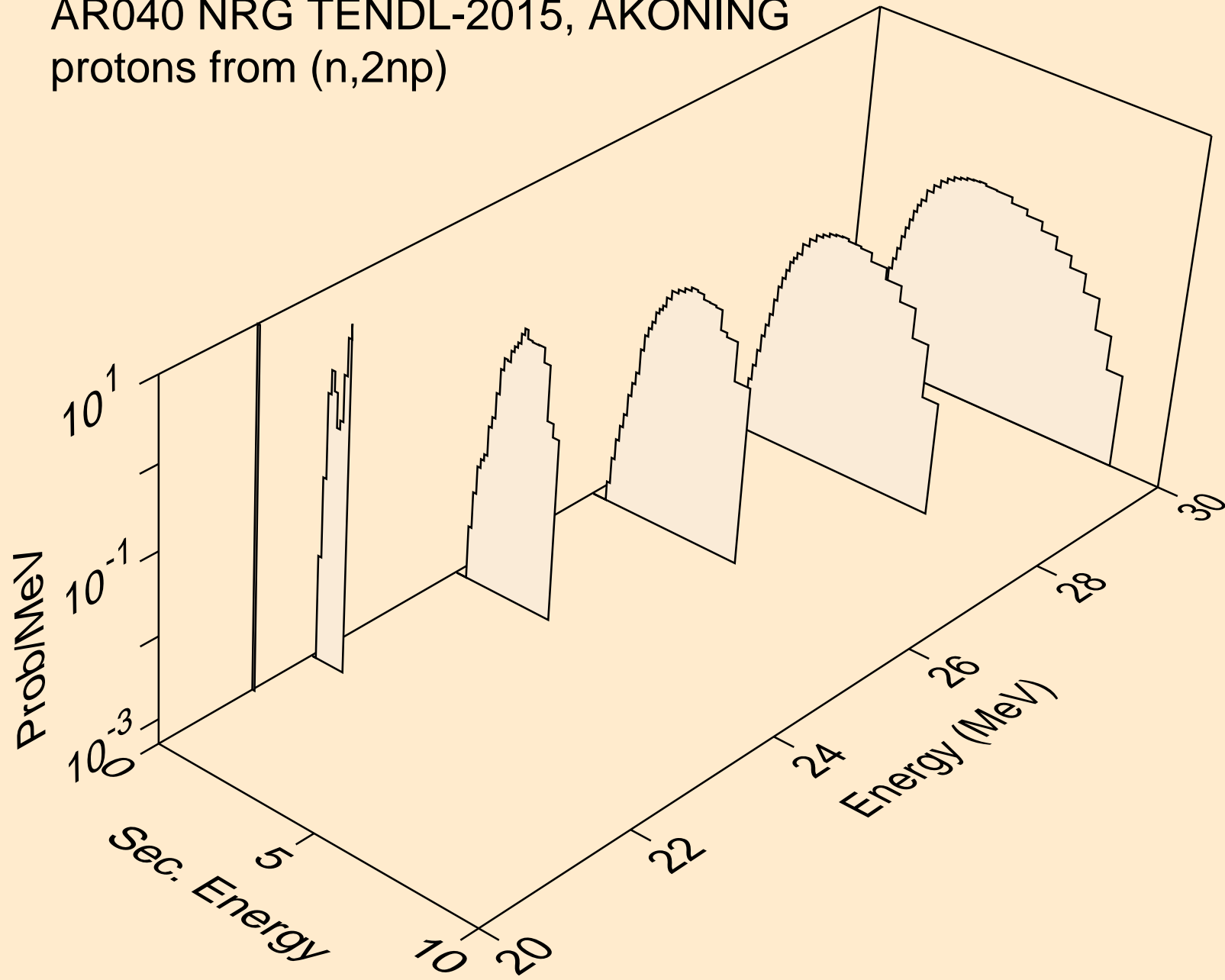
AR040 NRG TENDL-2015, AKONING  
protons from (n,x)



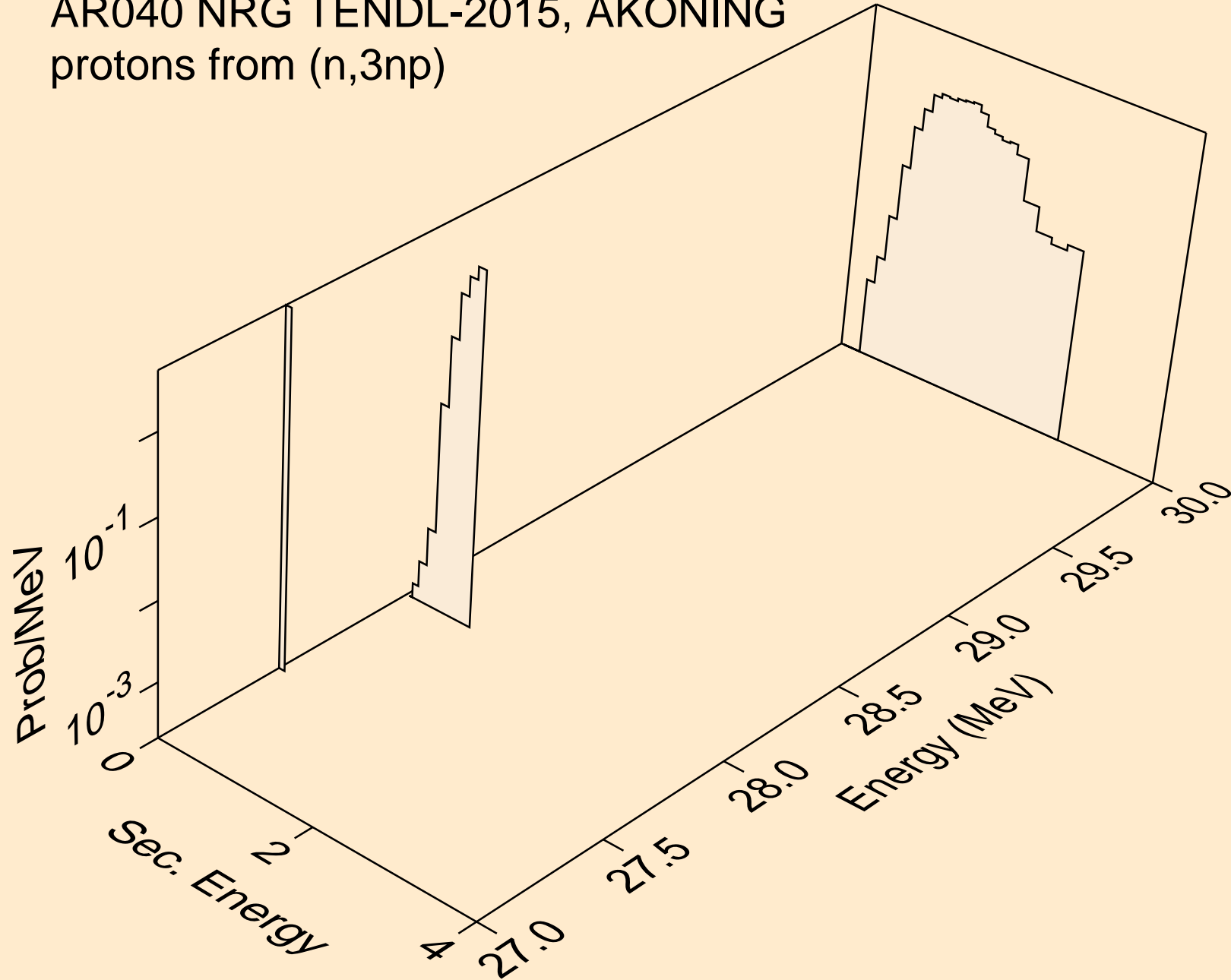
AR040 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



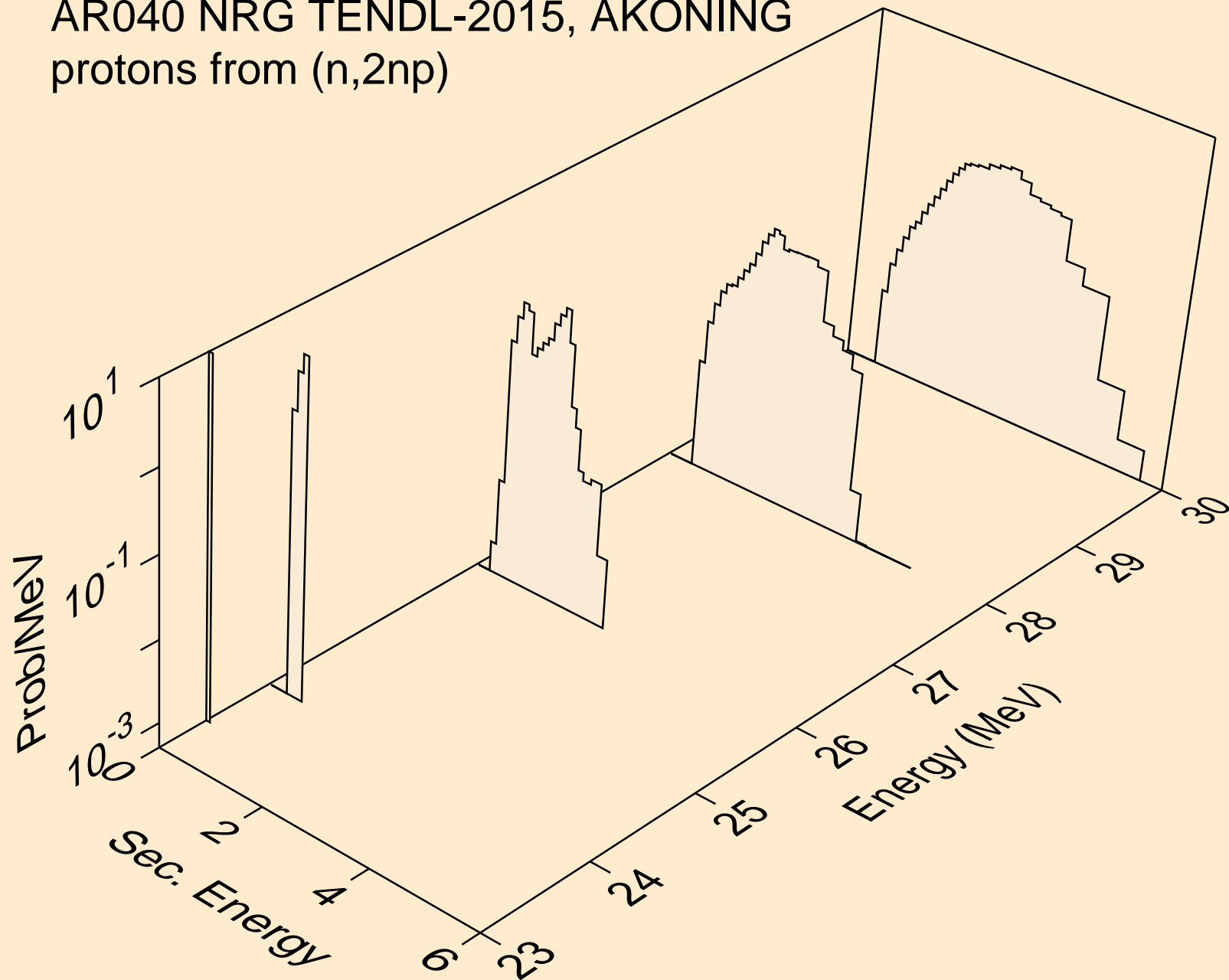
AR040 NRG TENDL-2015, AKONING  
protons from (n,2np)



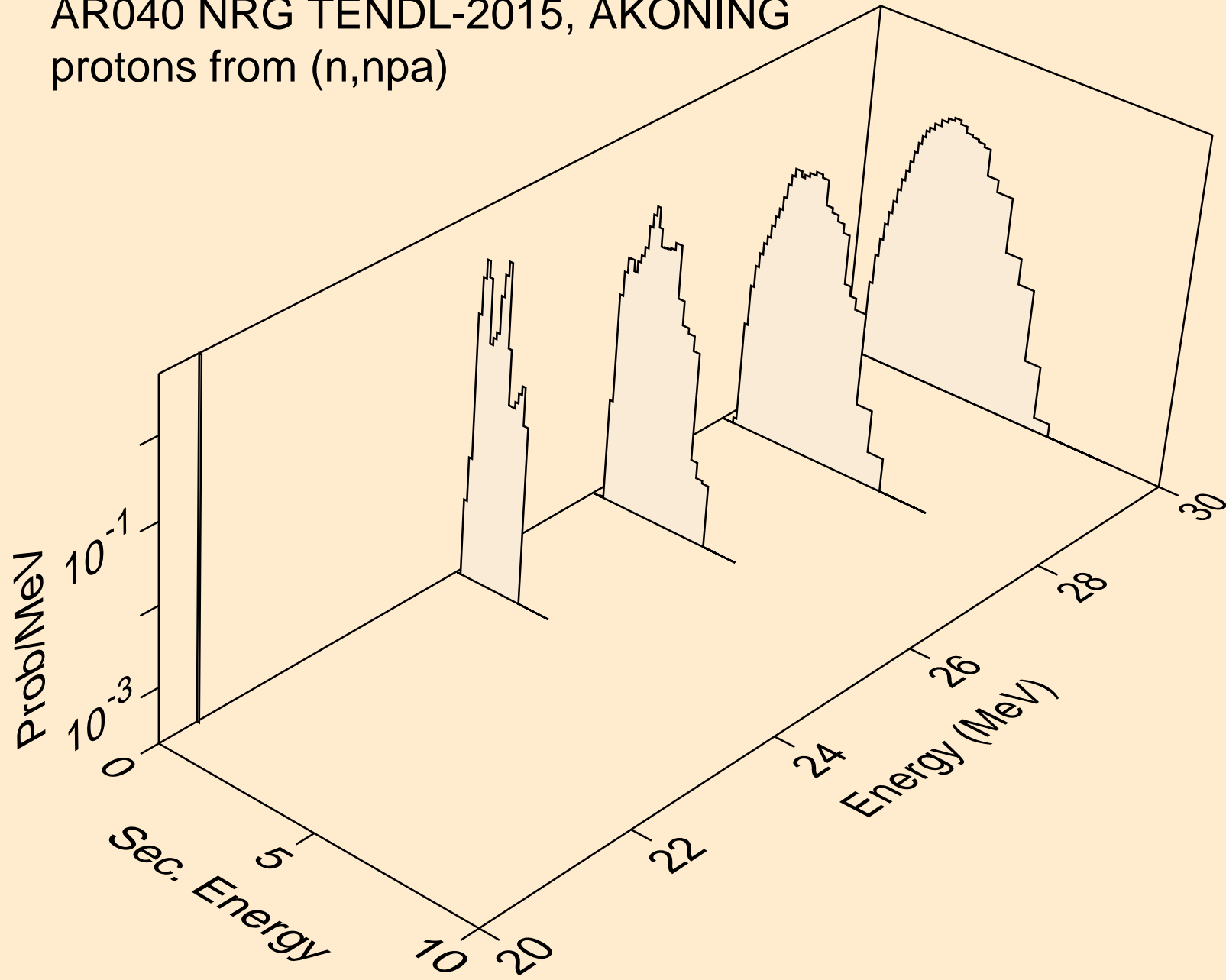
AR040 NRG TENDL-2015, AKONING  
protons from (n,3np)



AR040 NRG TENDL-2015, AKONING  
protons from (n,2np)

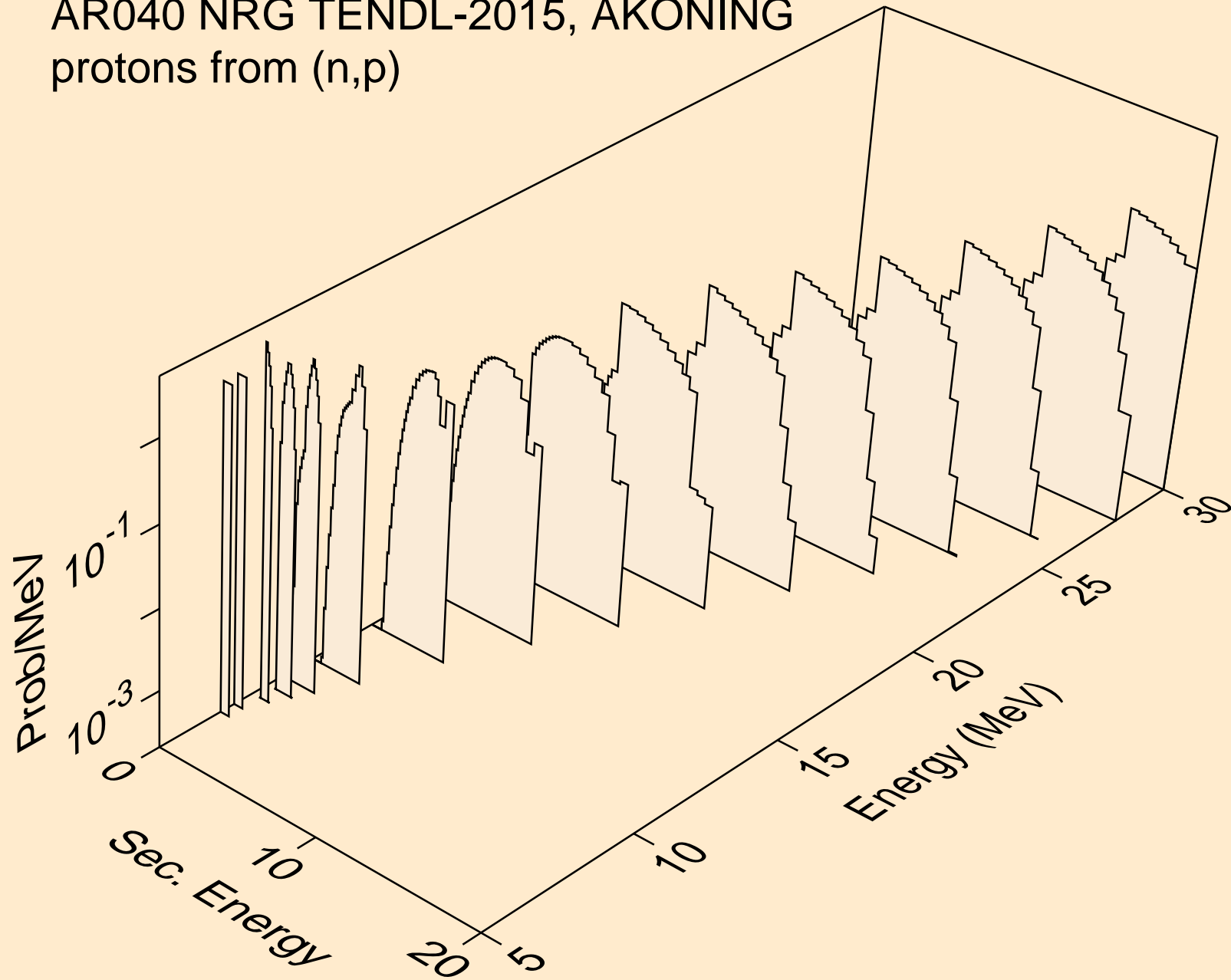


AR040 NRG TENDL-2015, AKONING  
protons from (n,npa)

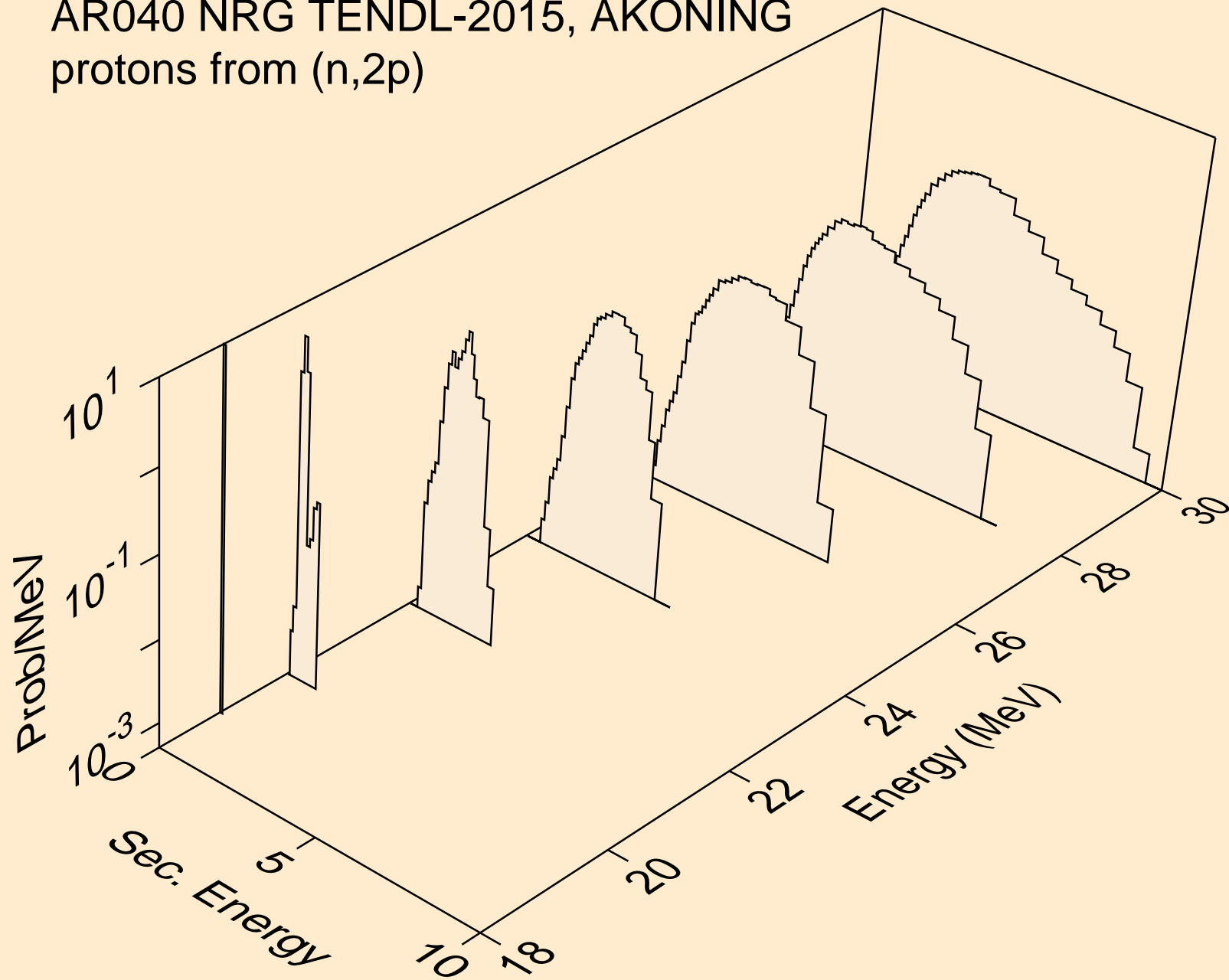




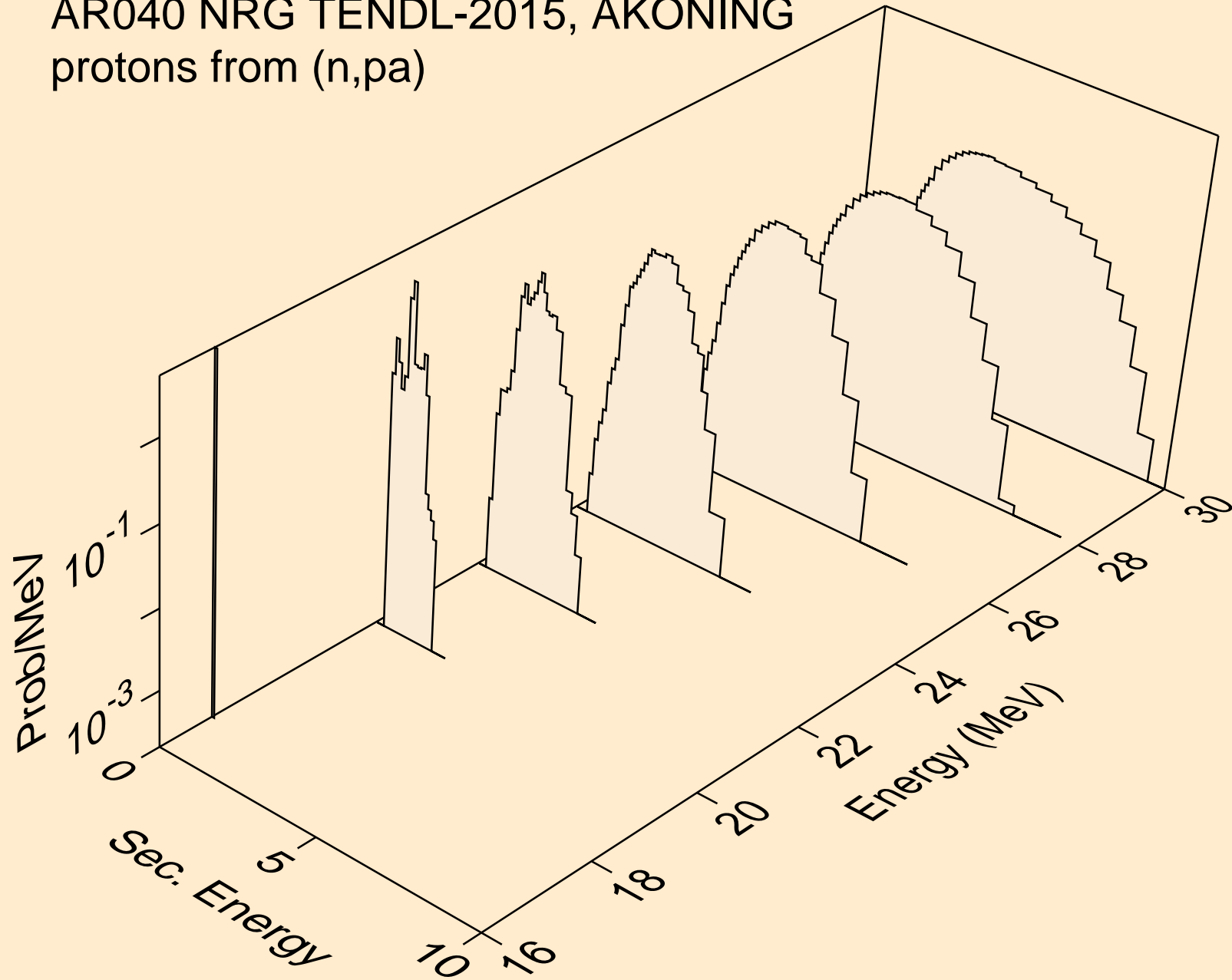
AR040 NRG TENDL-2015, AKONING  
protons from (n,p)



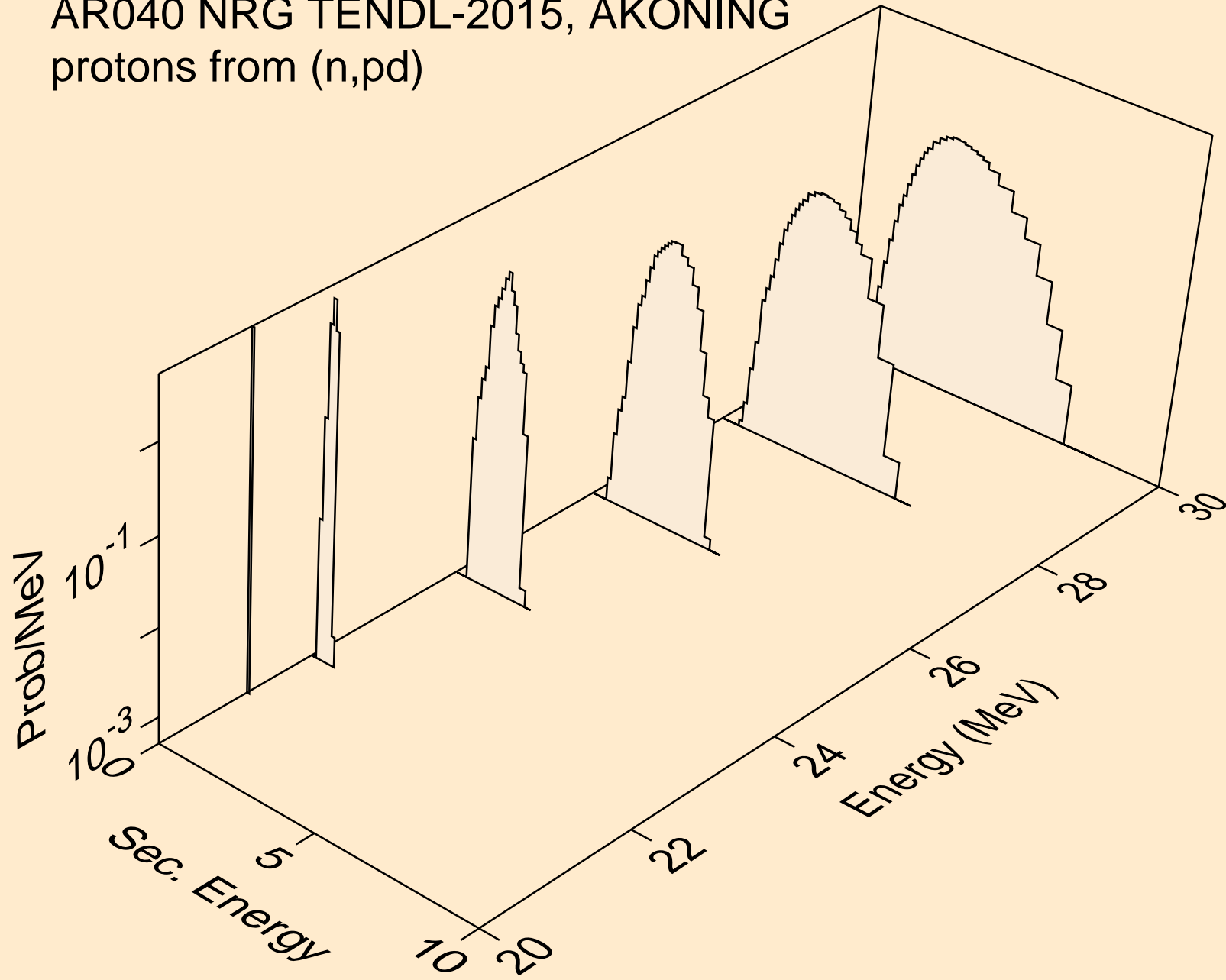
AR040 NRG TENDL-2015, AKONING  
protons from (n,2p)



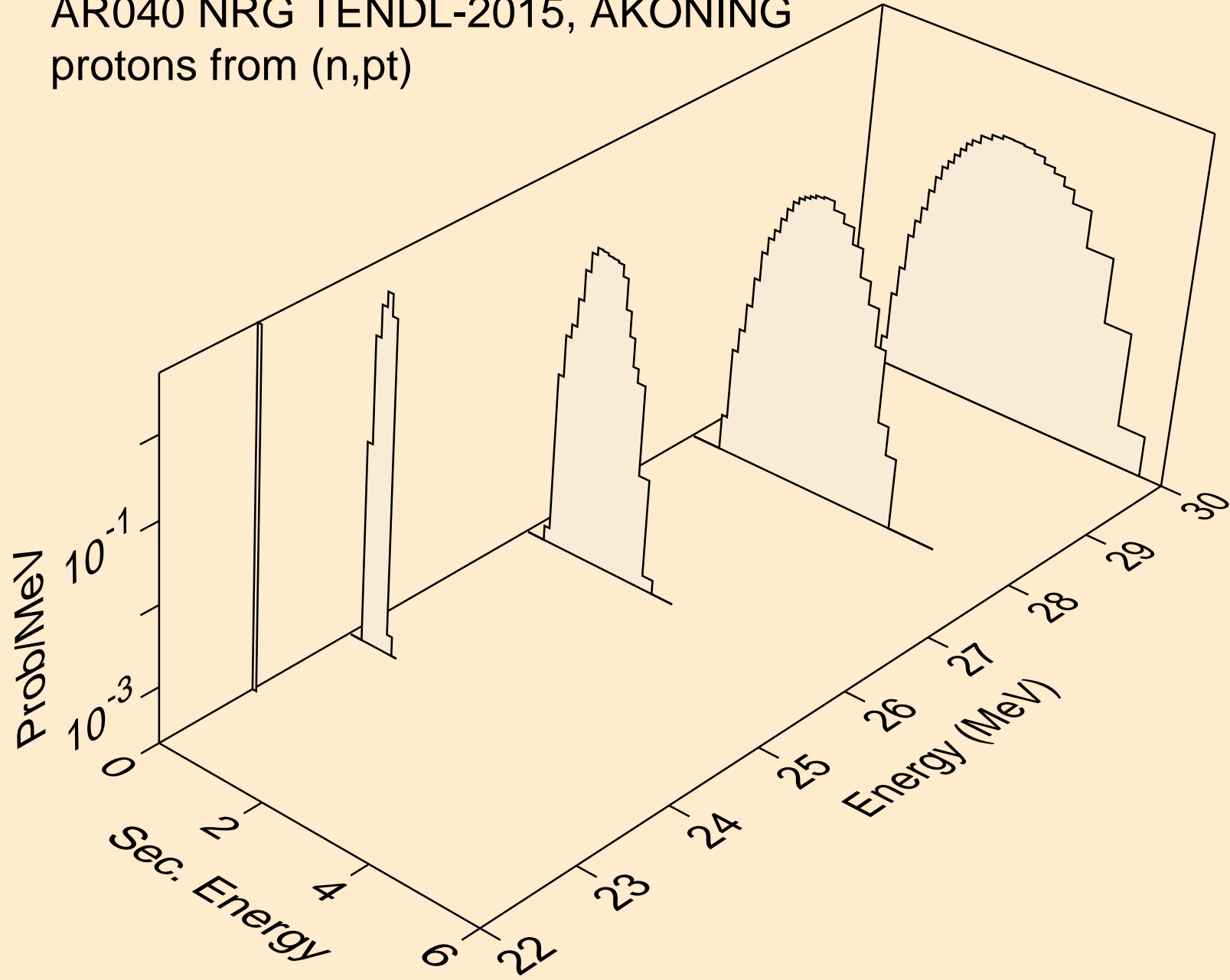
AR040 NRG TENDL-2015, AKONING  
protons from (n,pa)



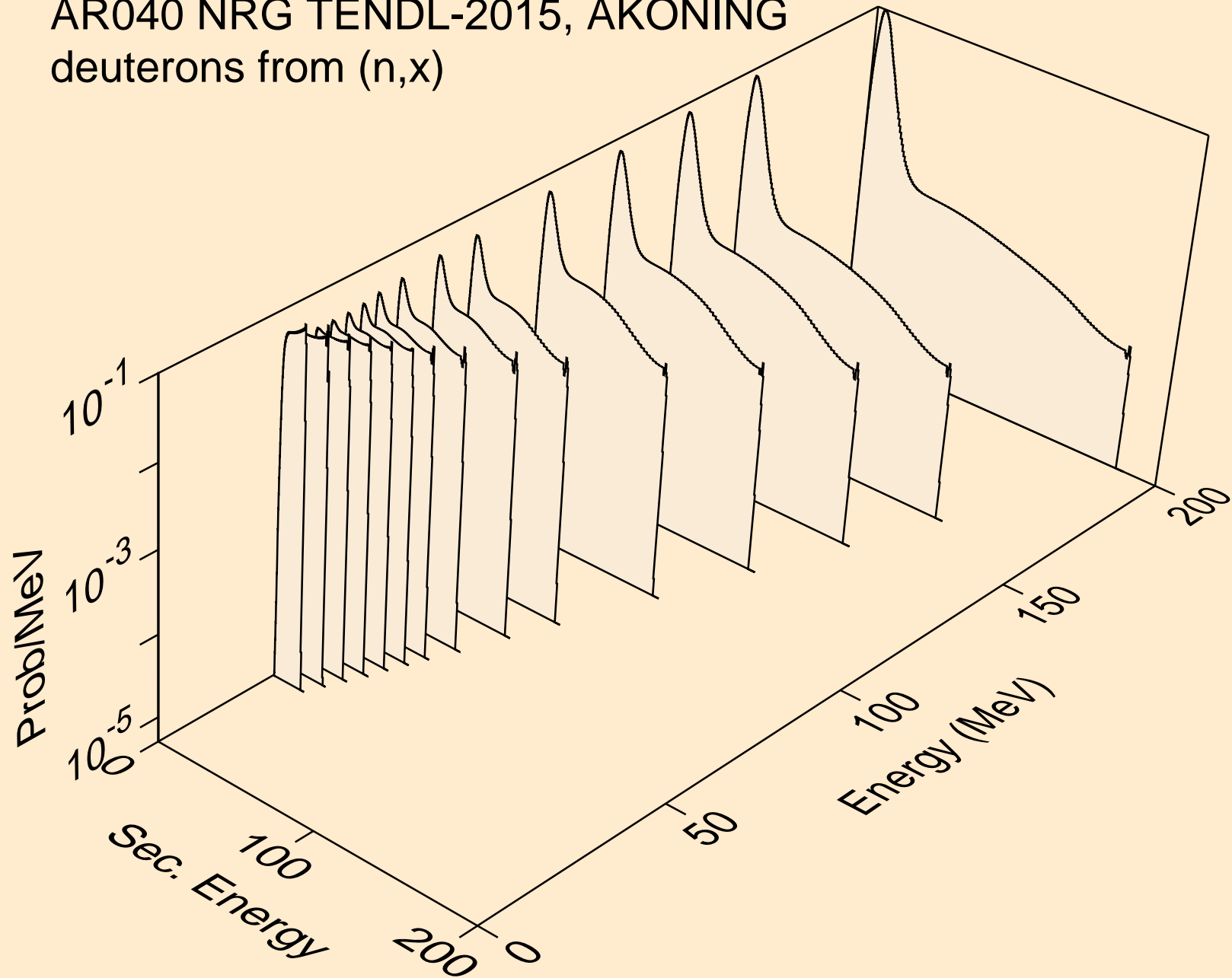
AR040 NRG TENDL-2015, AKONING  
protons from (n,pd)



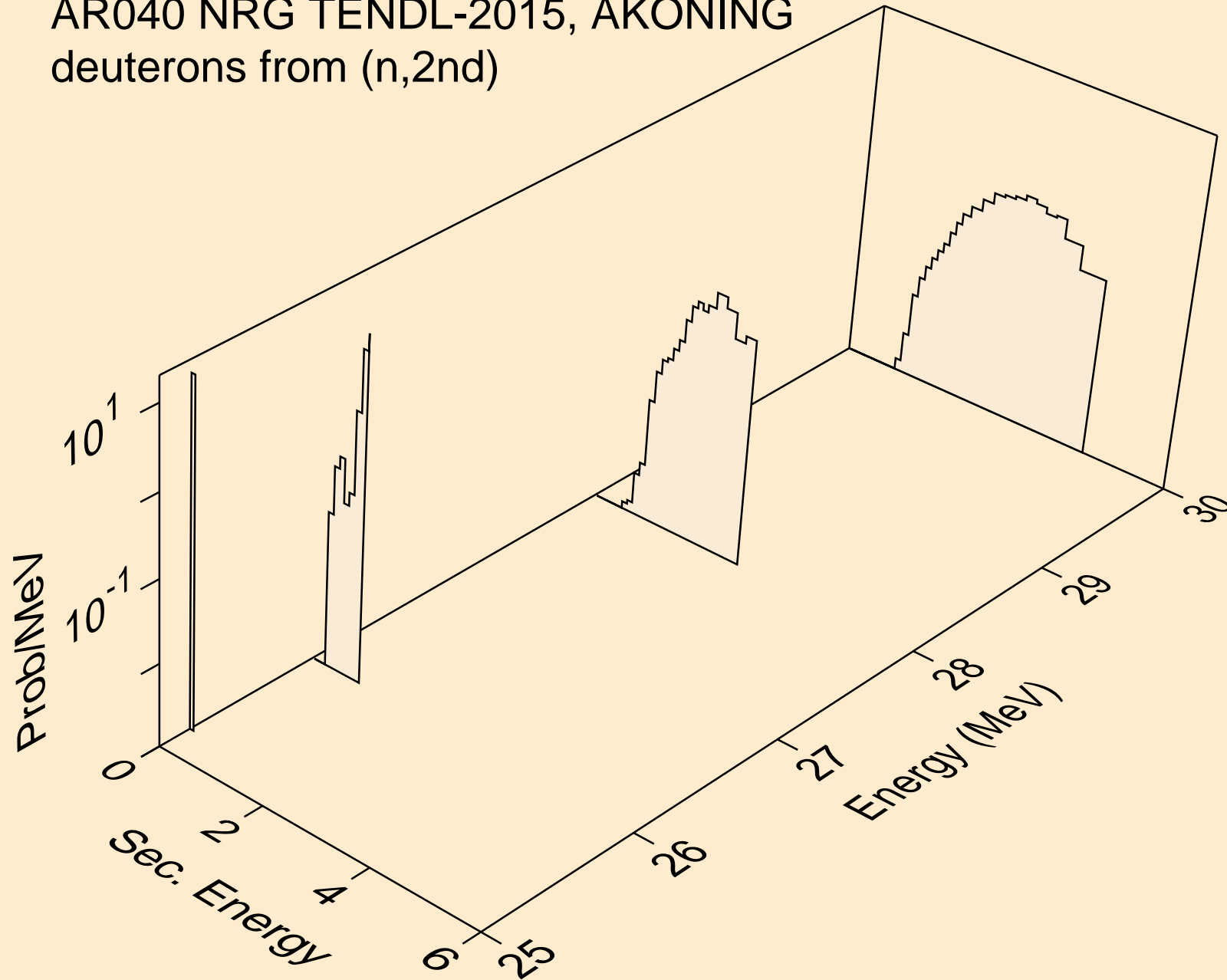
AR040 NRG TENDL-2015, AKONING  
protons from (n,pt)



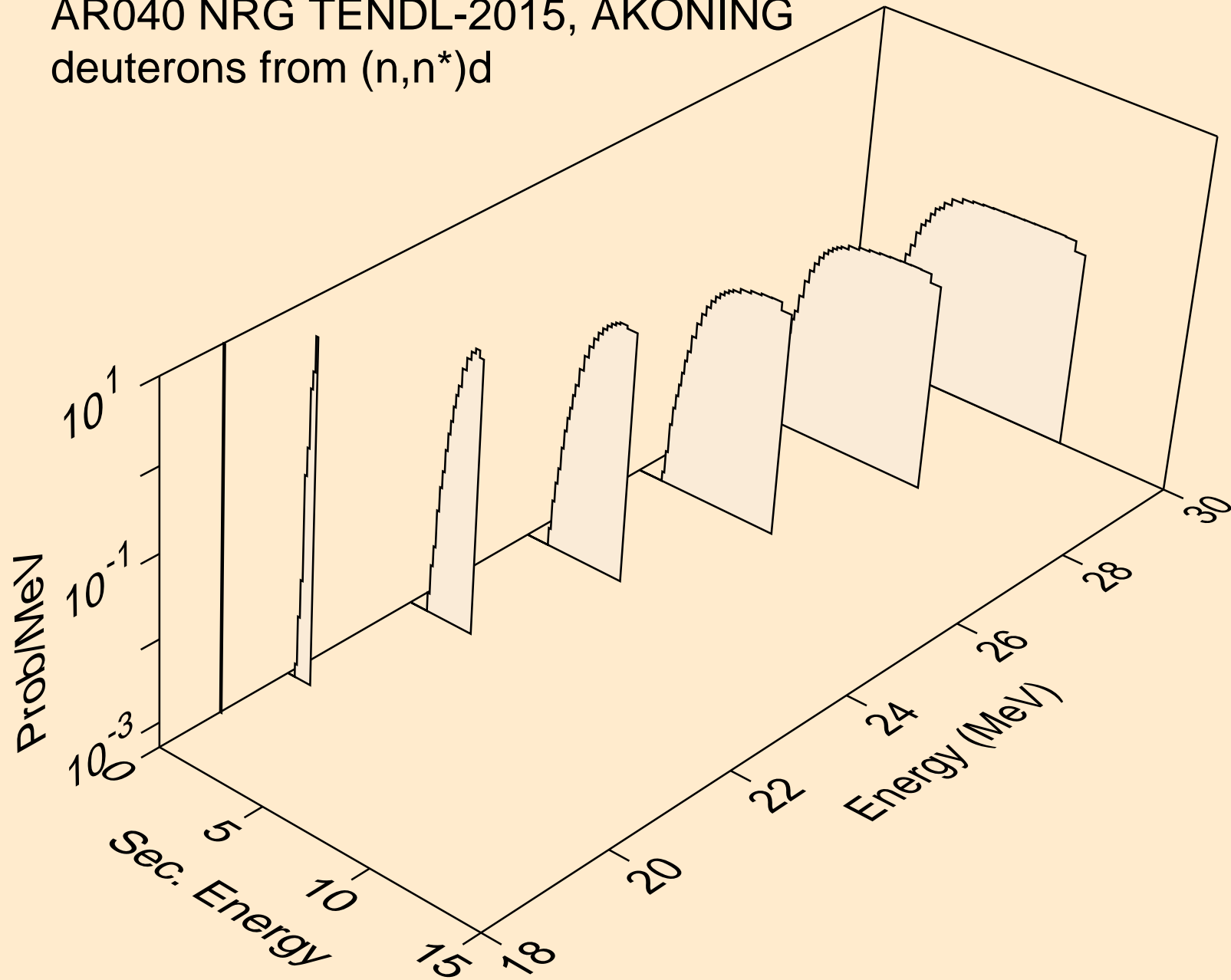
AR040 NRG TENDL-2015, AKONING  
deuterons from (n,x)



AR040 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

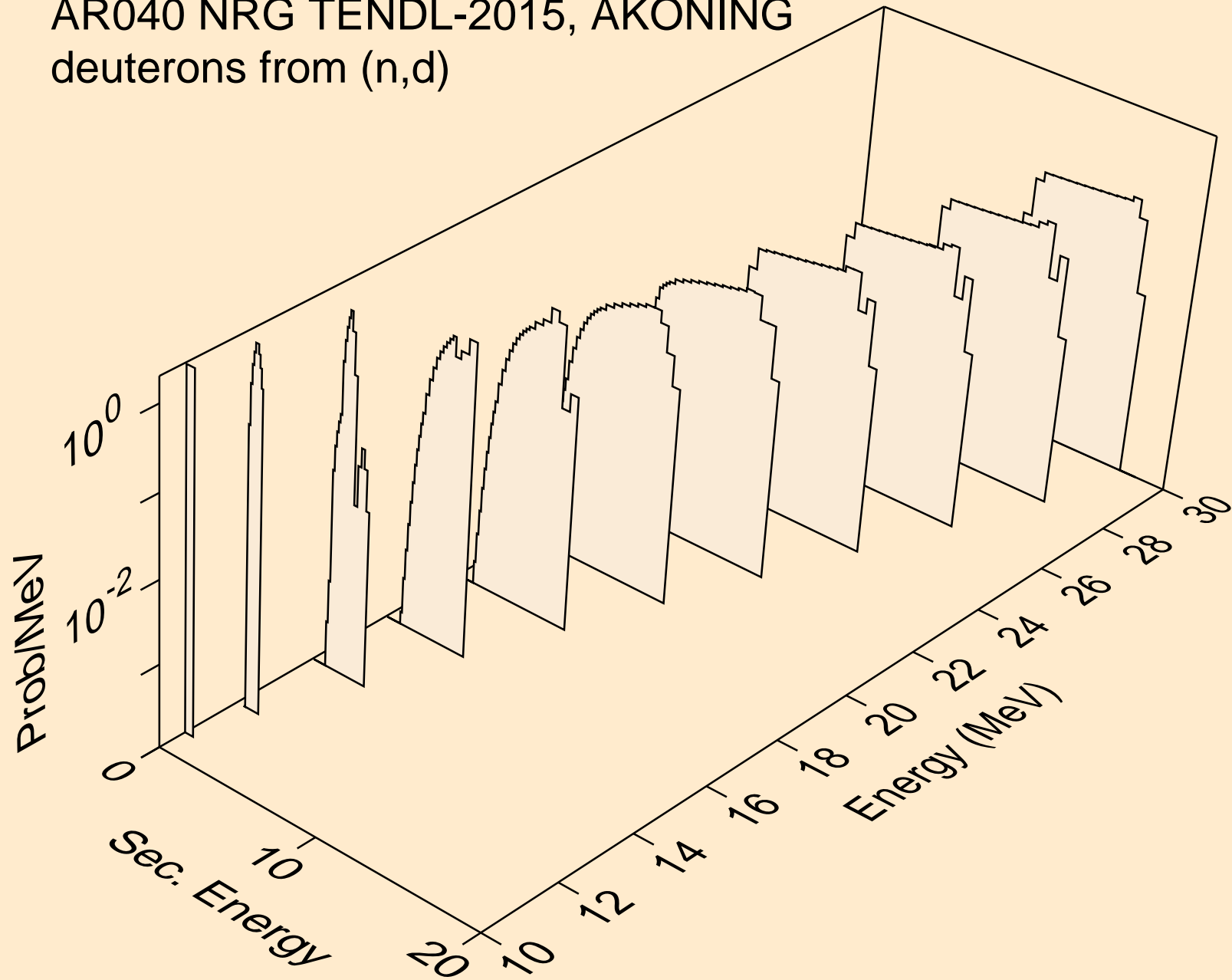


AR040 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

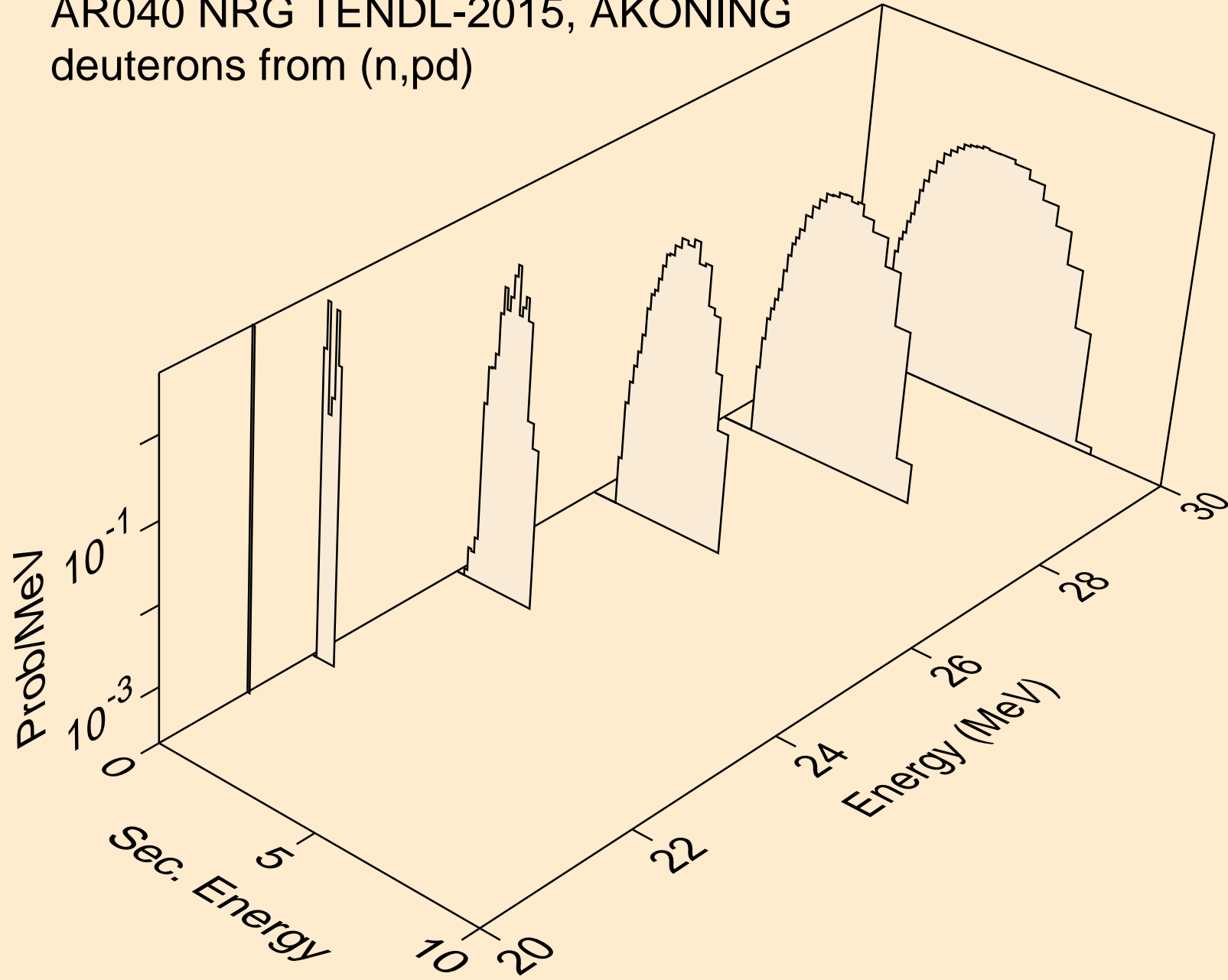




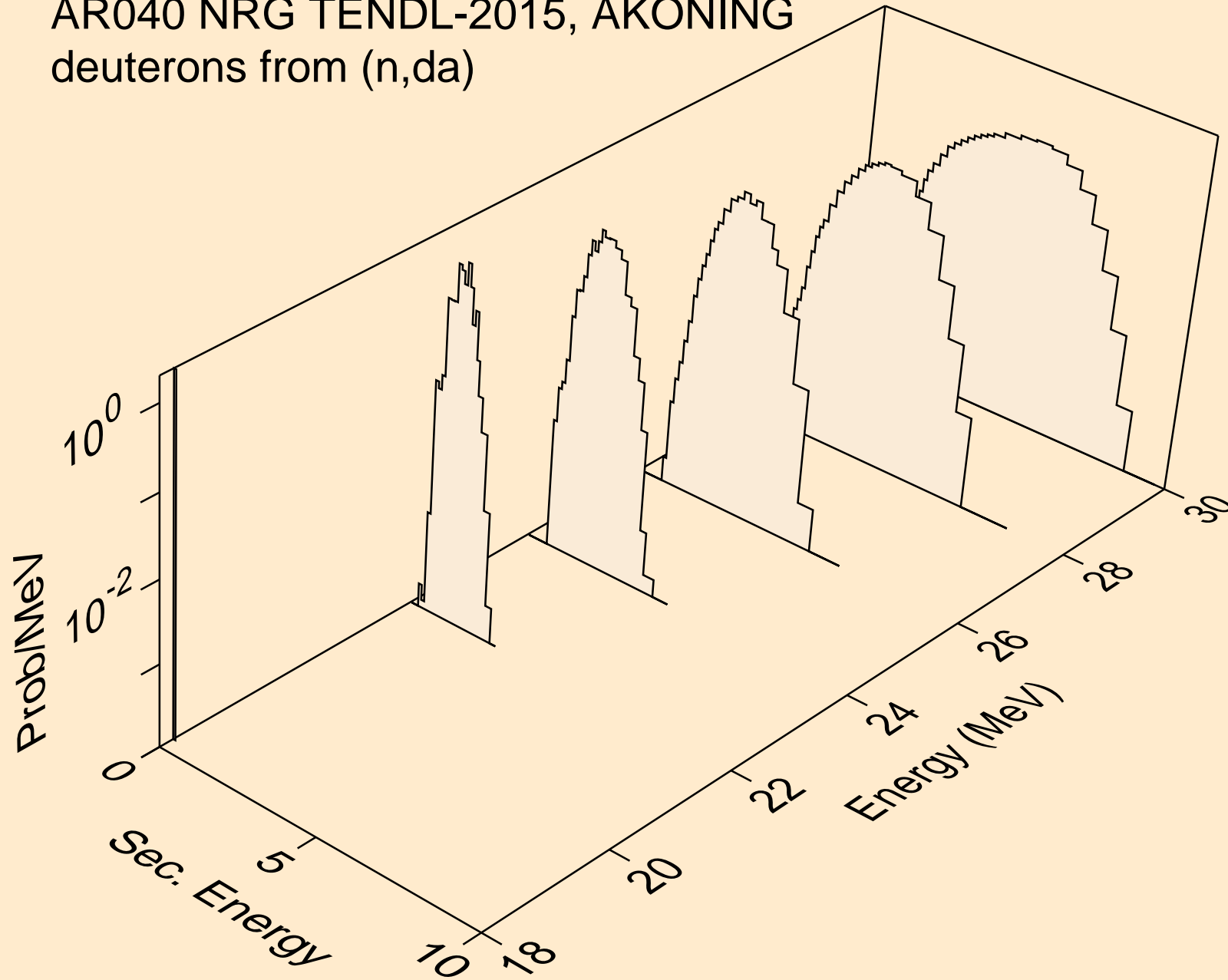
AR040 NRG TENDL-2015, AKONING  
deuterons from (n,d)



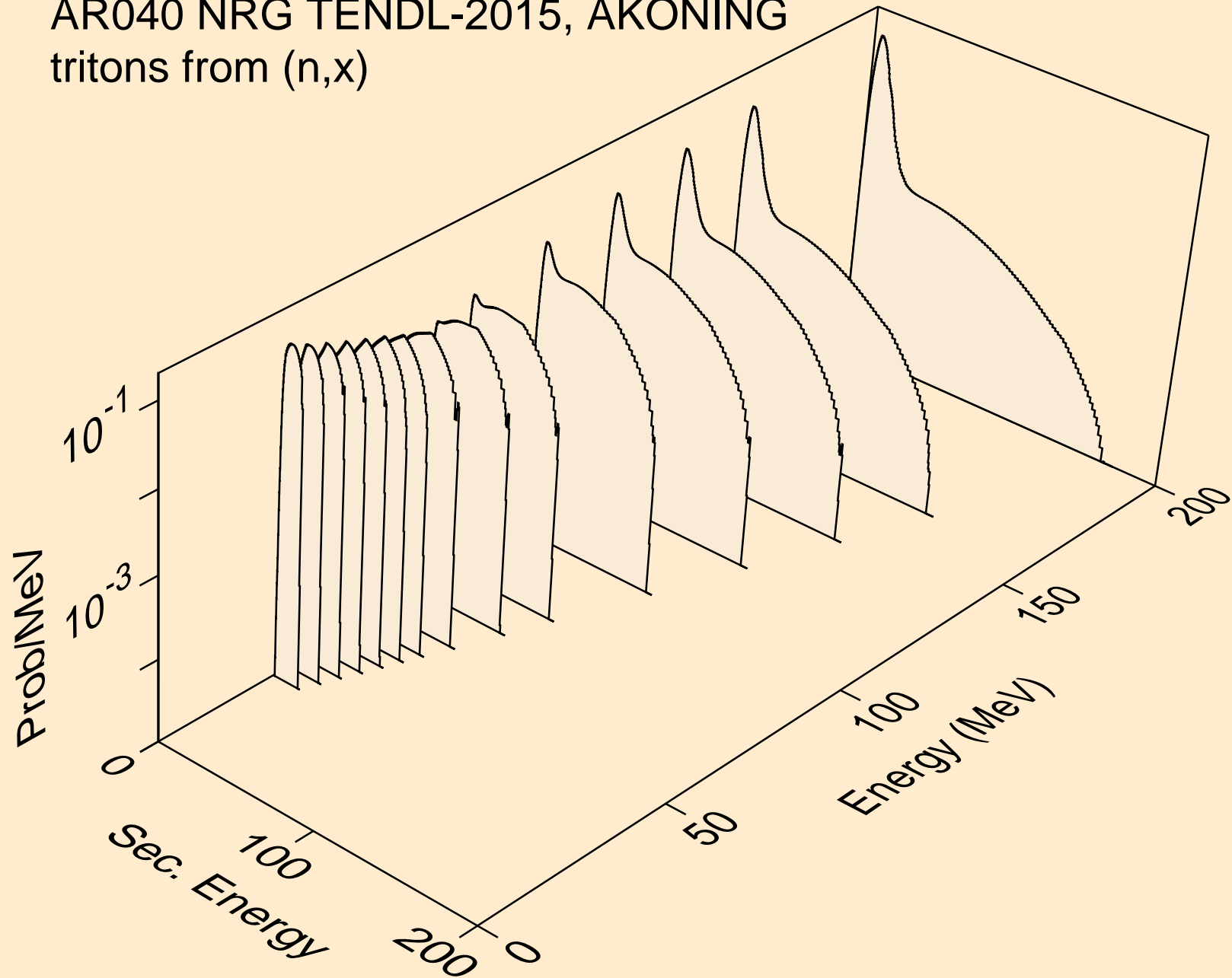
AR040 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



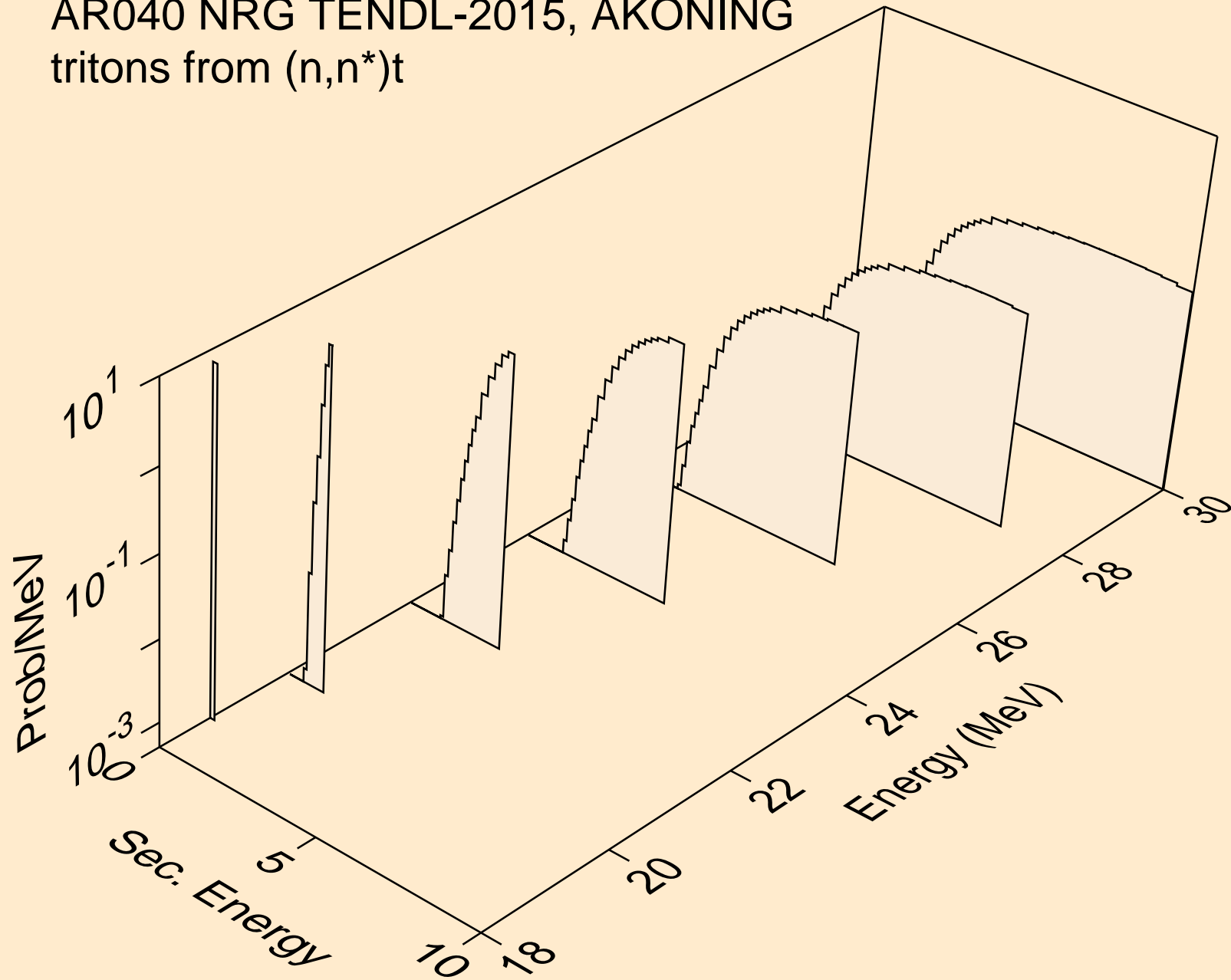
AR040 NRG TENDL-2015, AKONING  
deuterons from (n,da)



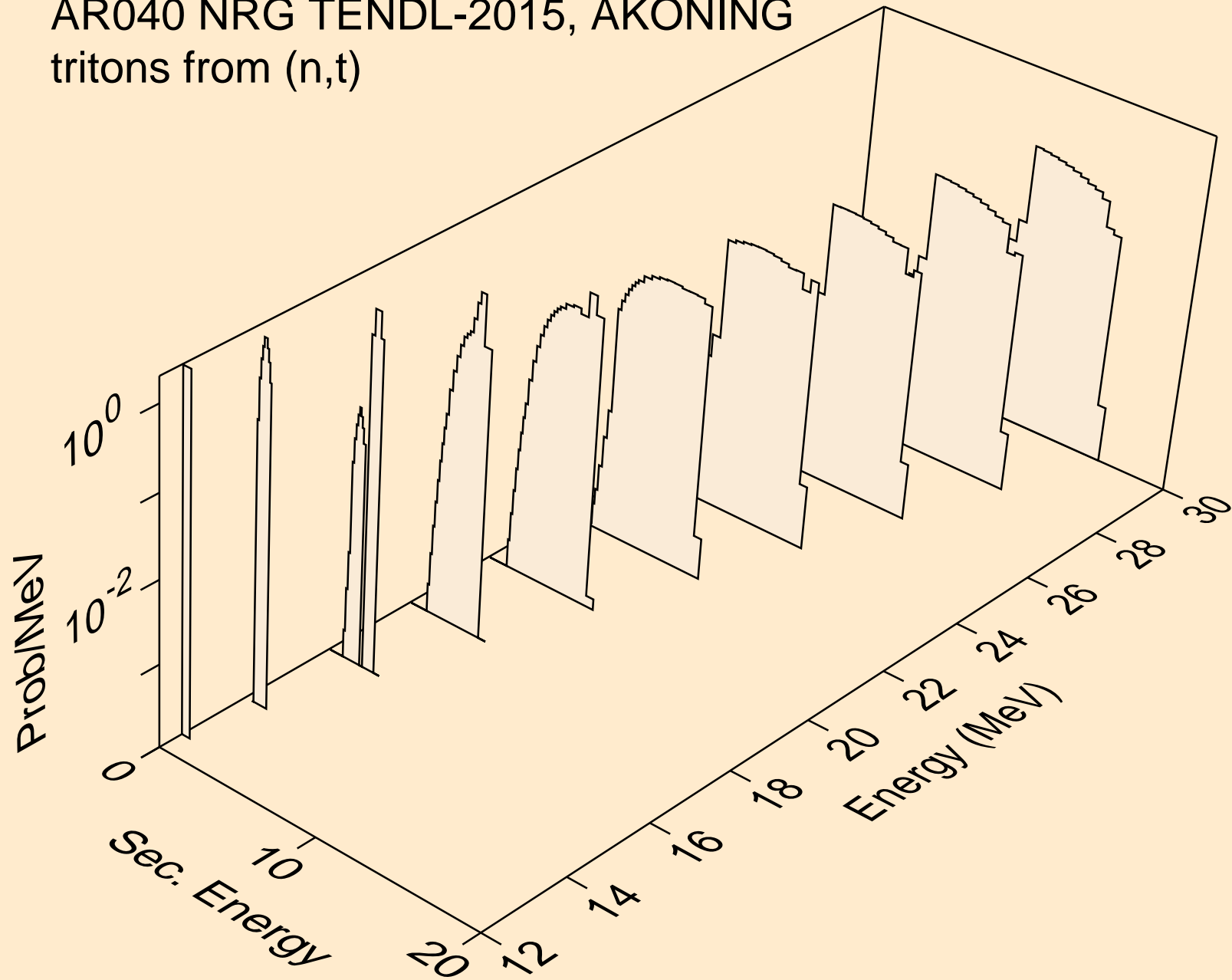
AR040 NRG TENDL-2015, AKONING  
tritons from (n,x)



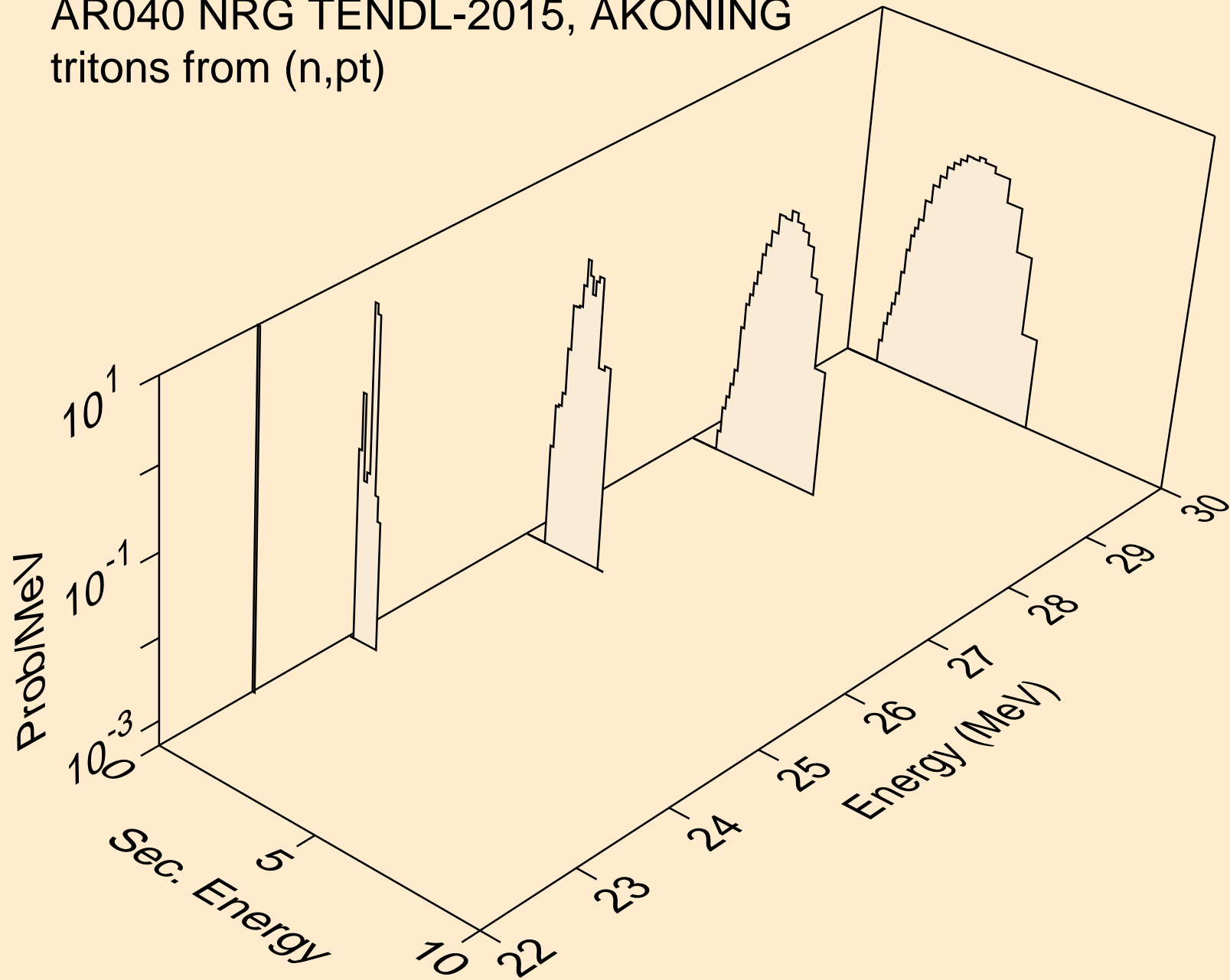
AR040 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



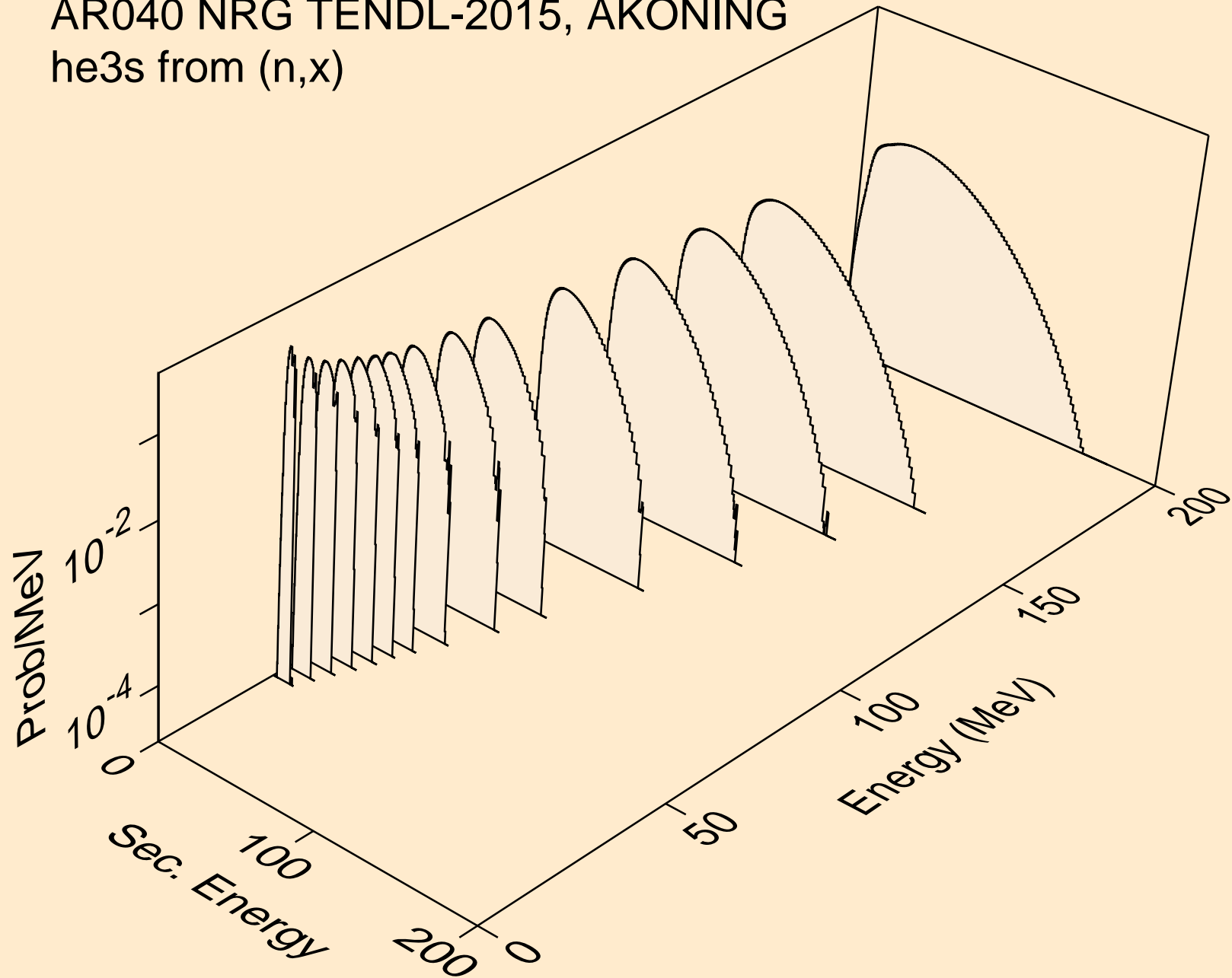
AR040 NRG TENDL-2015, AKONING  
tritons from (n,t)



AR040 NRG TENDL-2015, AKONING  
tritons from (n,pt)

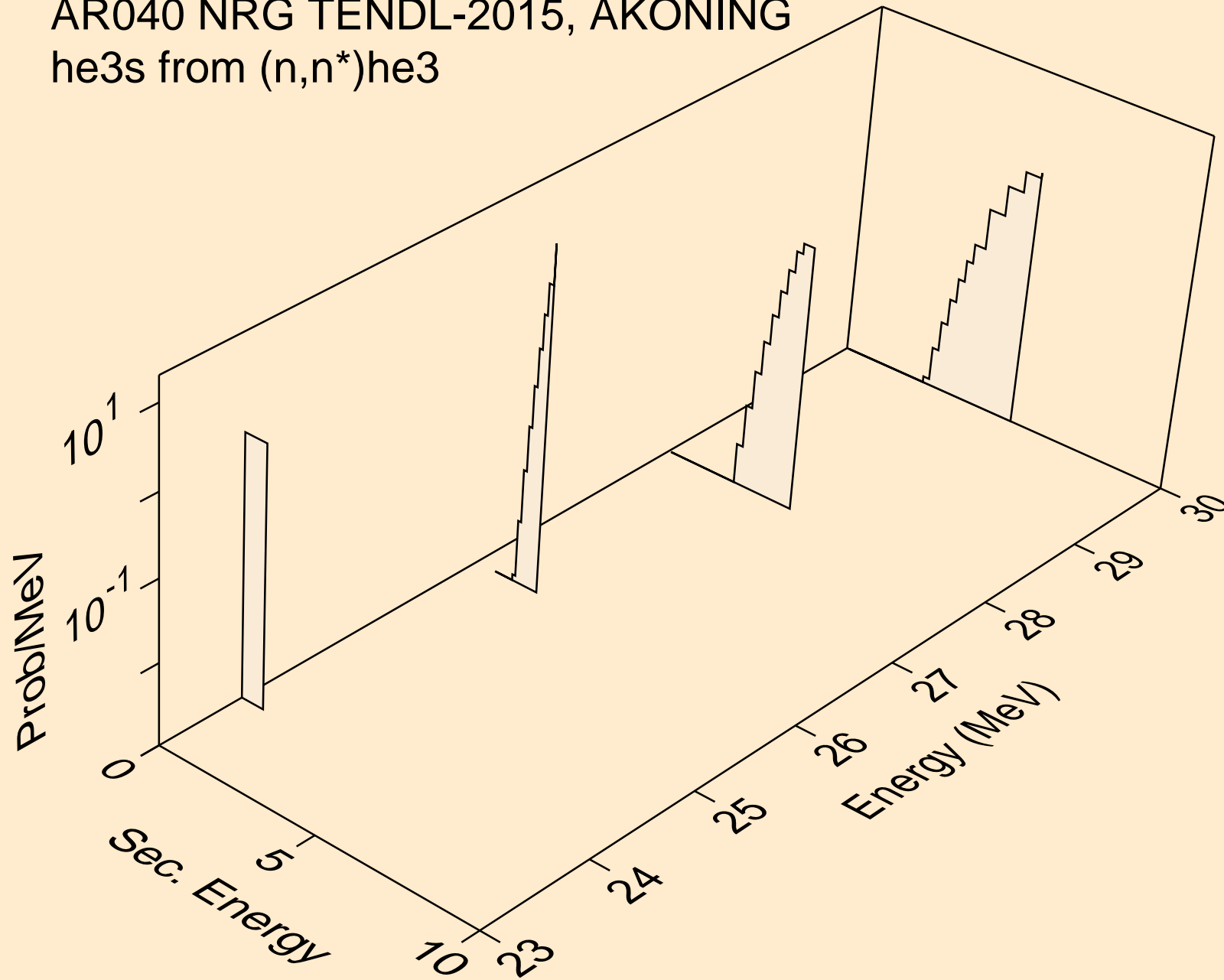


AR040 NRG TENDL-2015, AKONING  
he3s from (n,x)

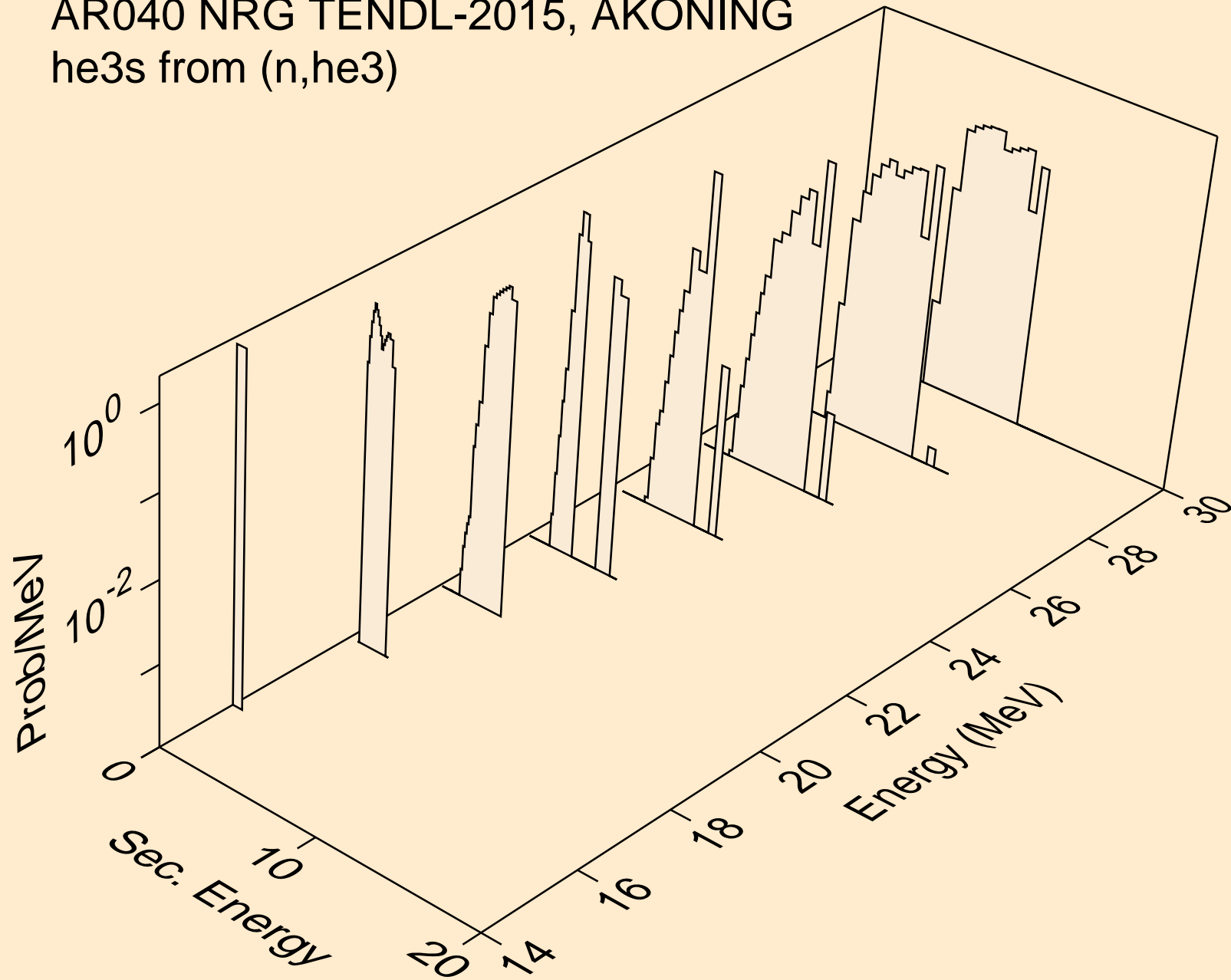




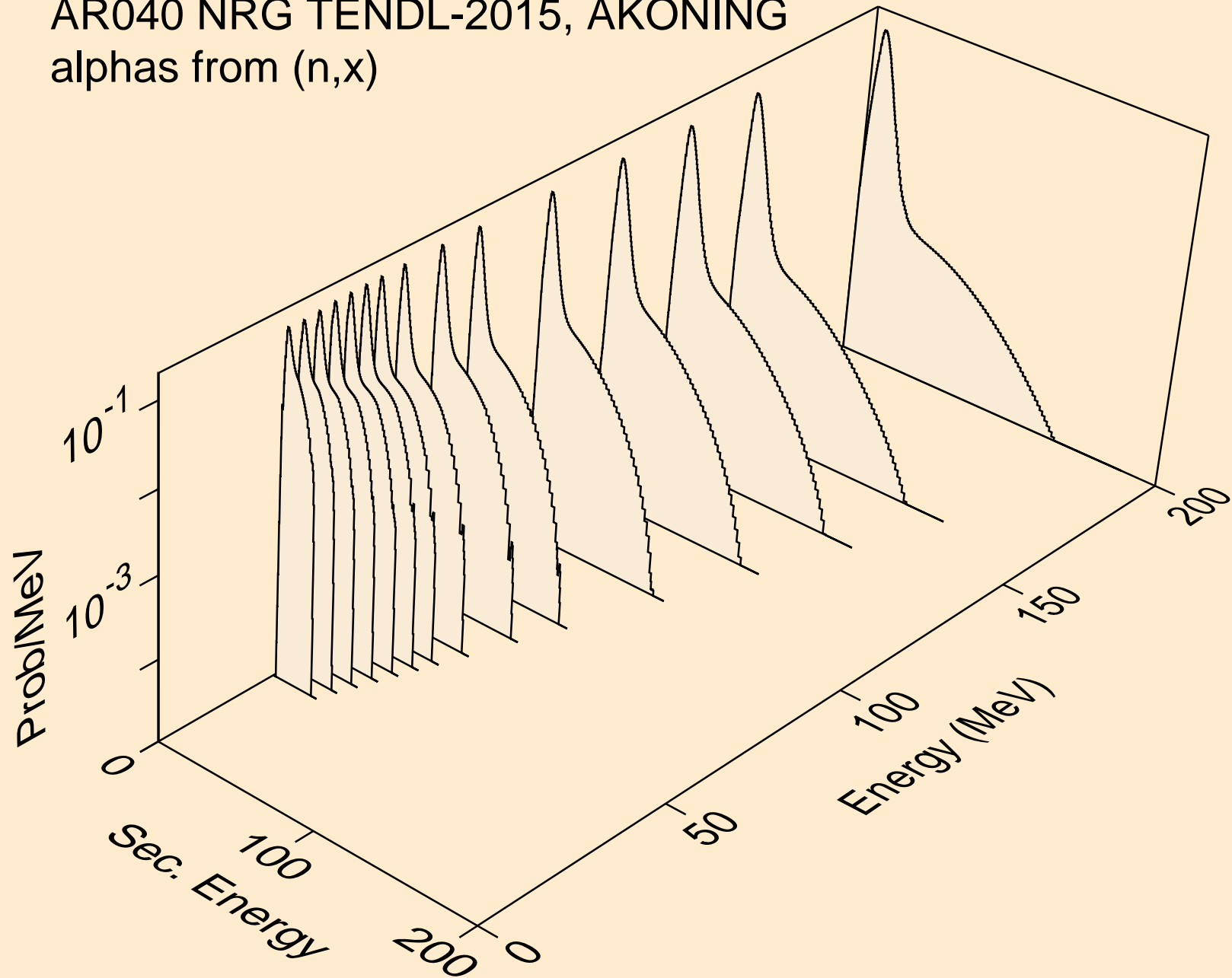
AR040 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



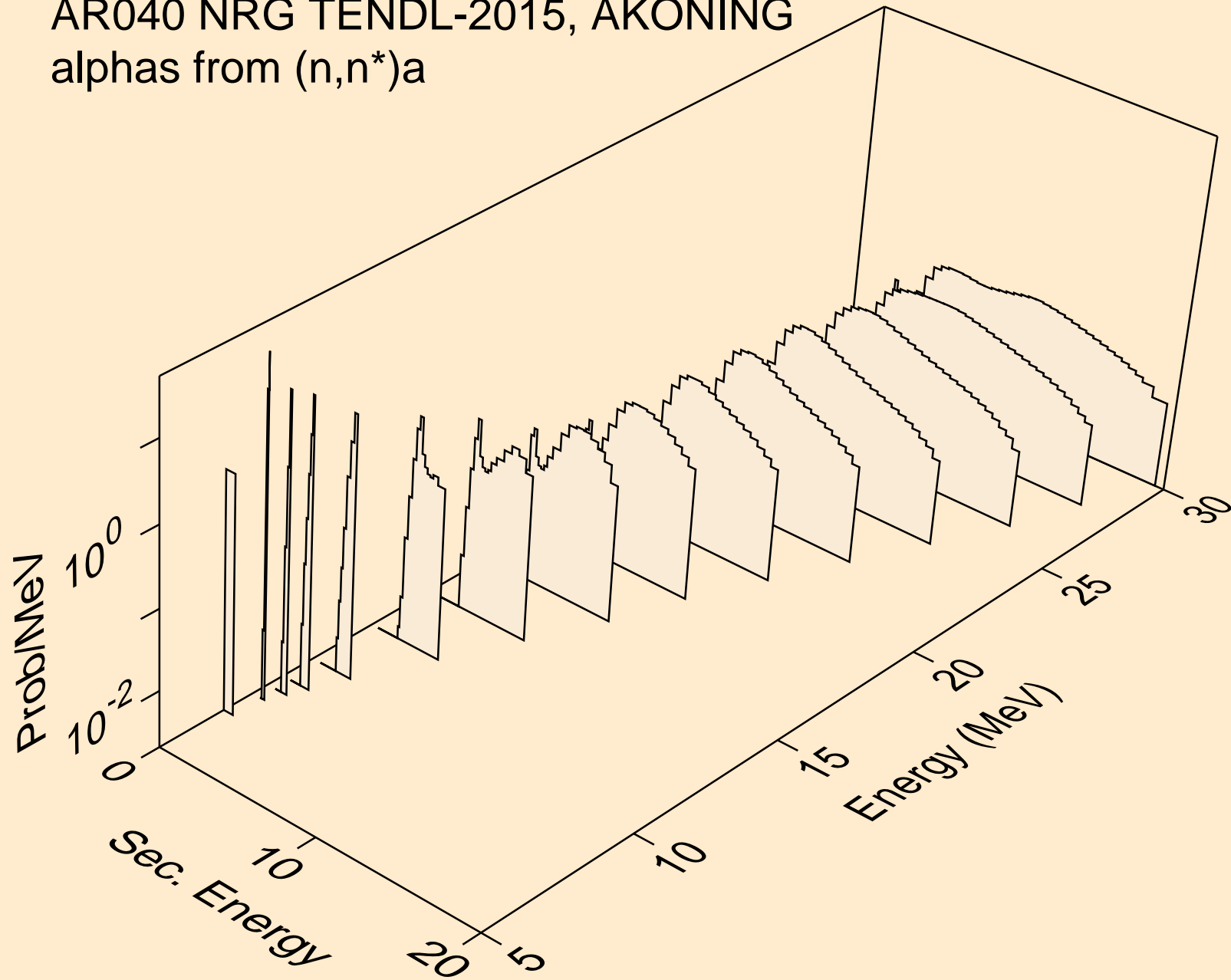
AR040 NRG TENDL-2015, AKONING  
he3s from (n,he3)



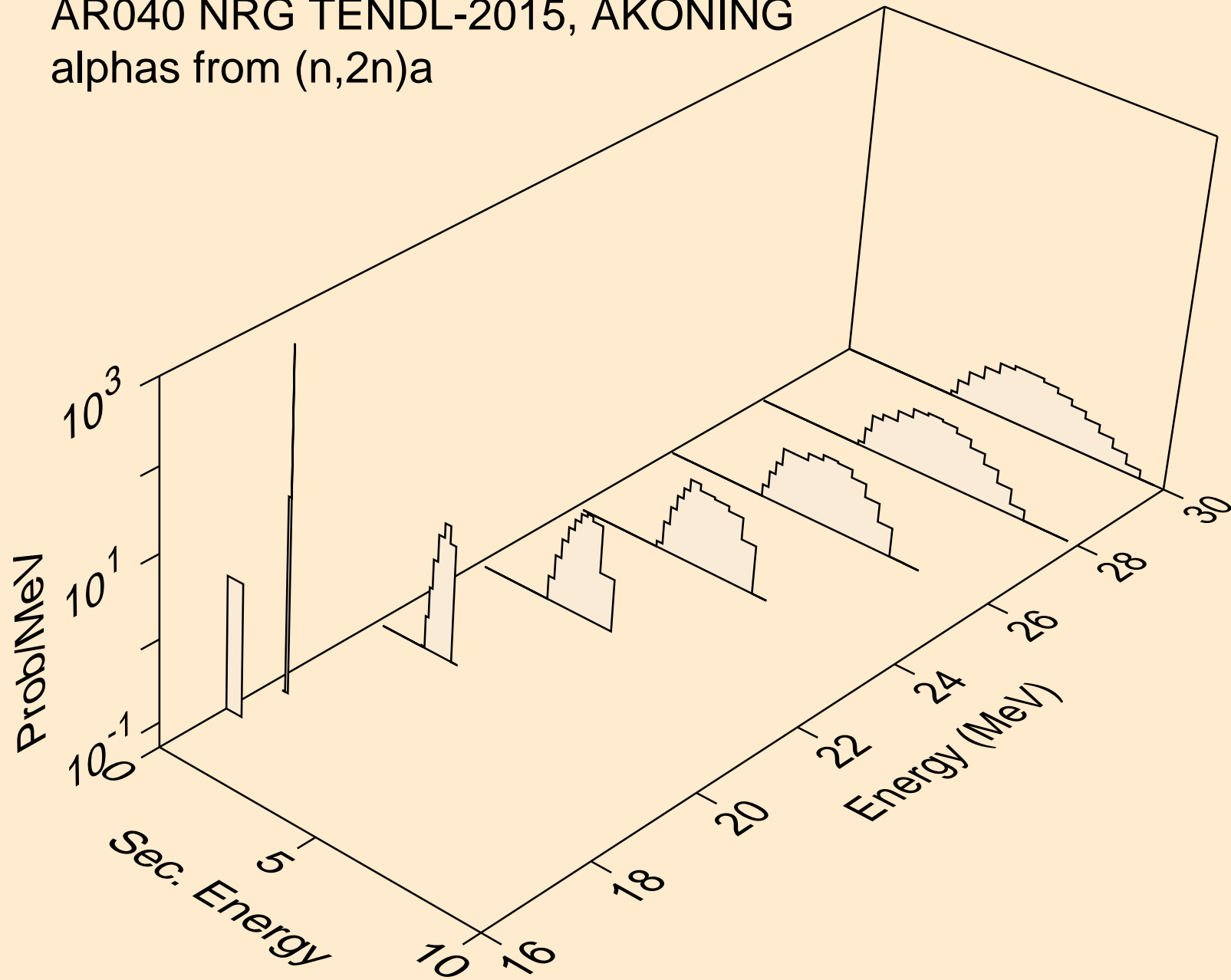
AR040 NRG TENDL-2015, AKONING  
alphas from (n,x)



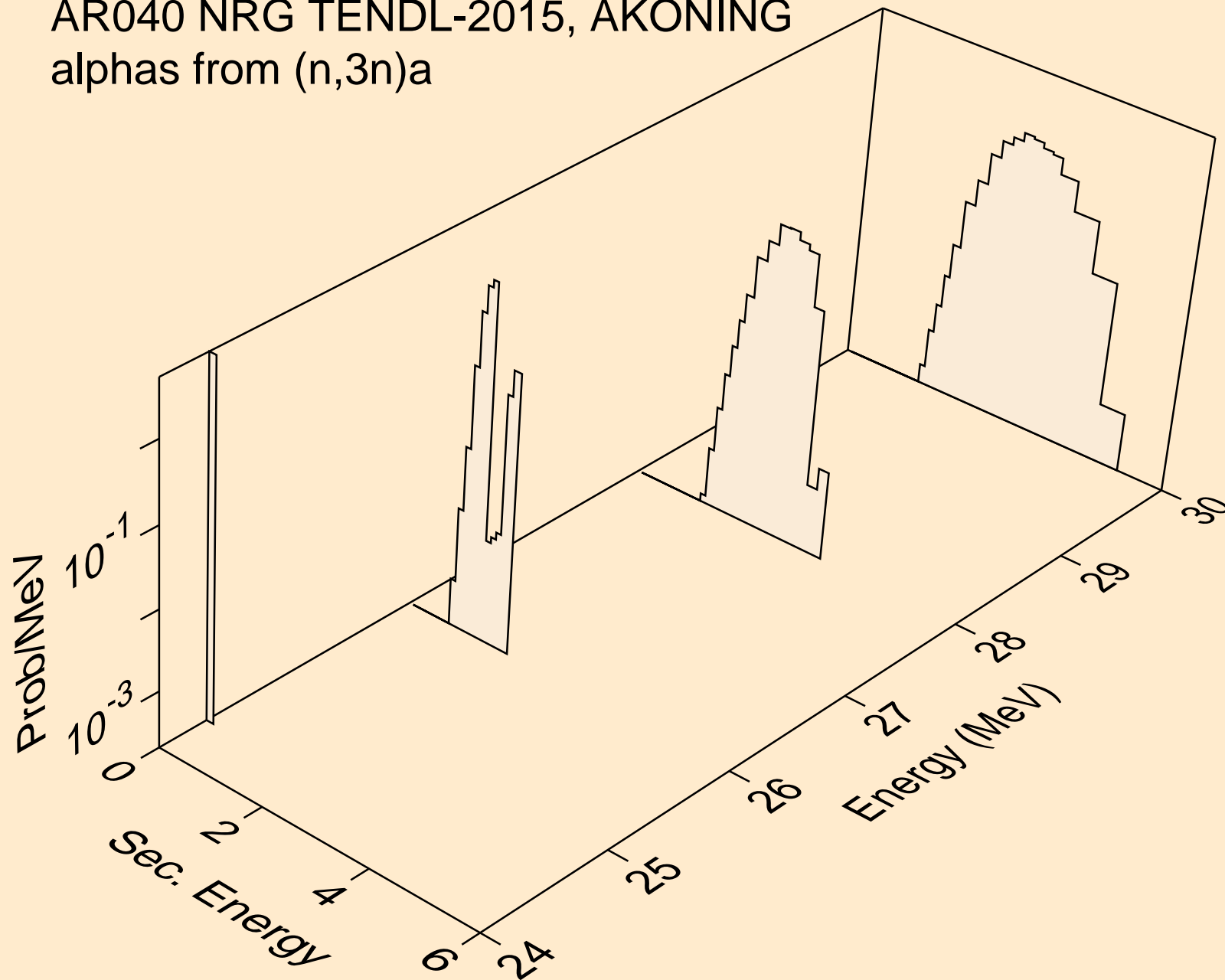
AR040 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



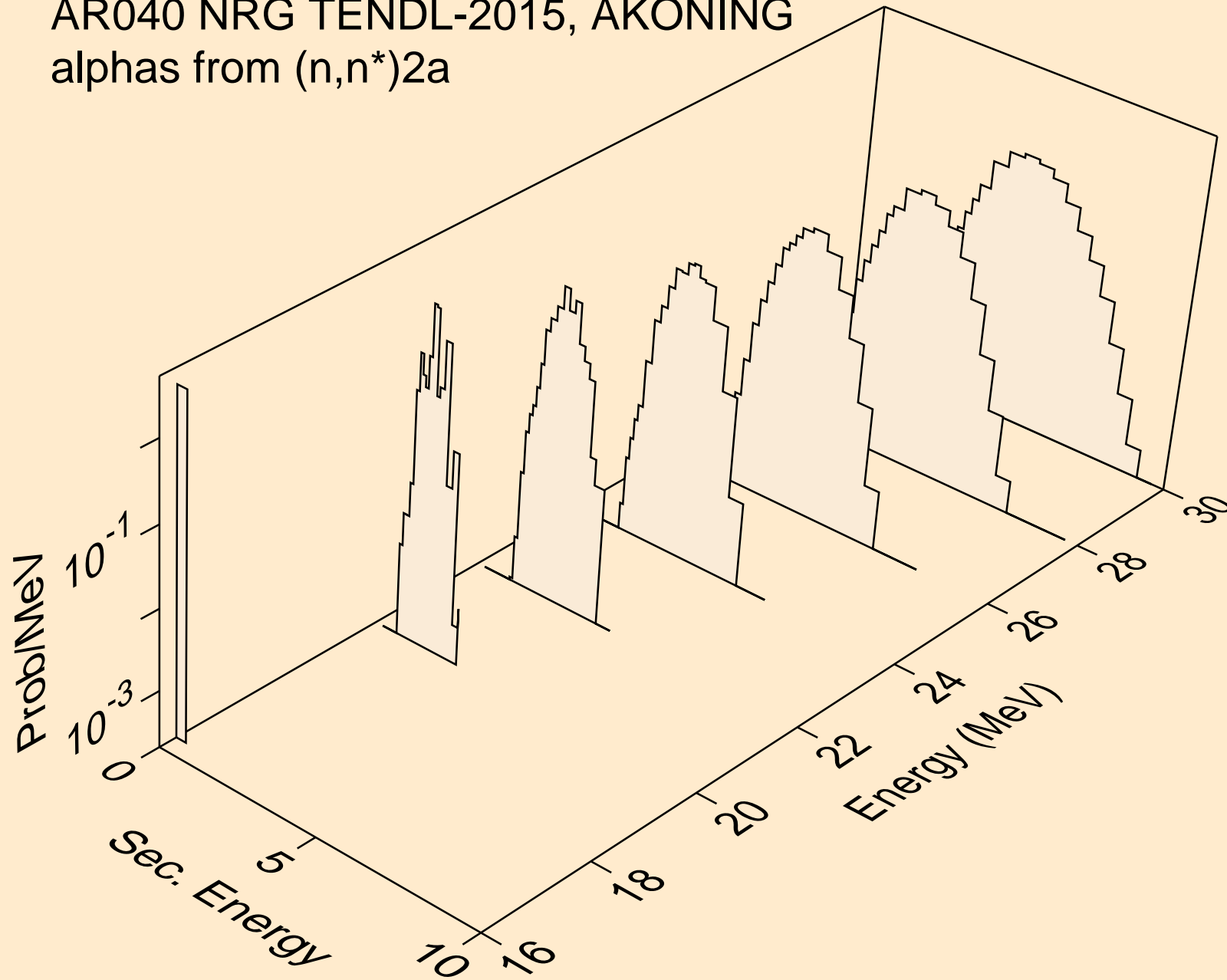
AR040 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



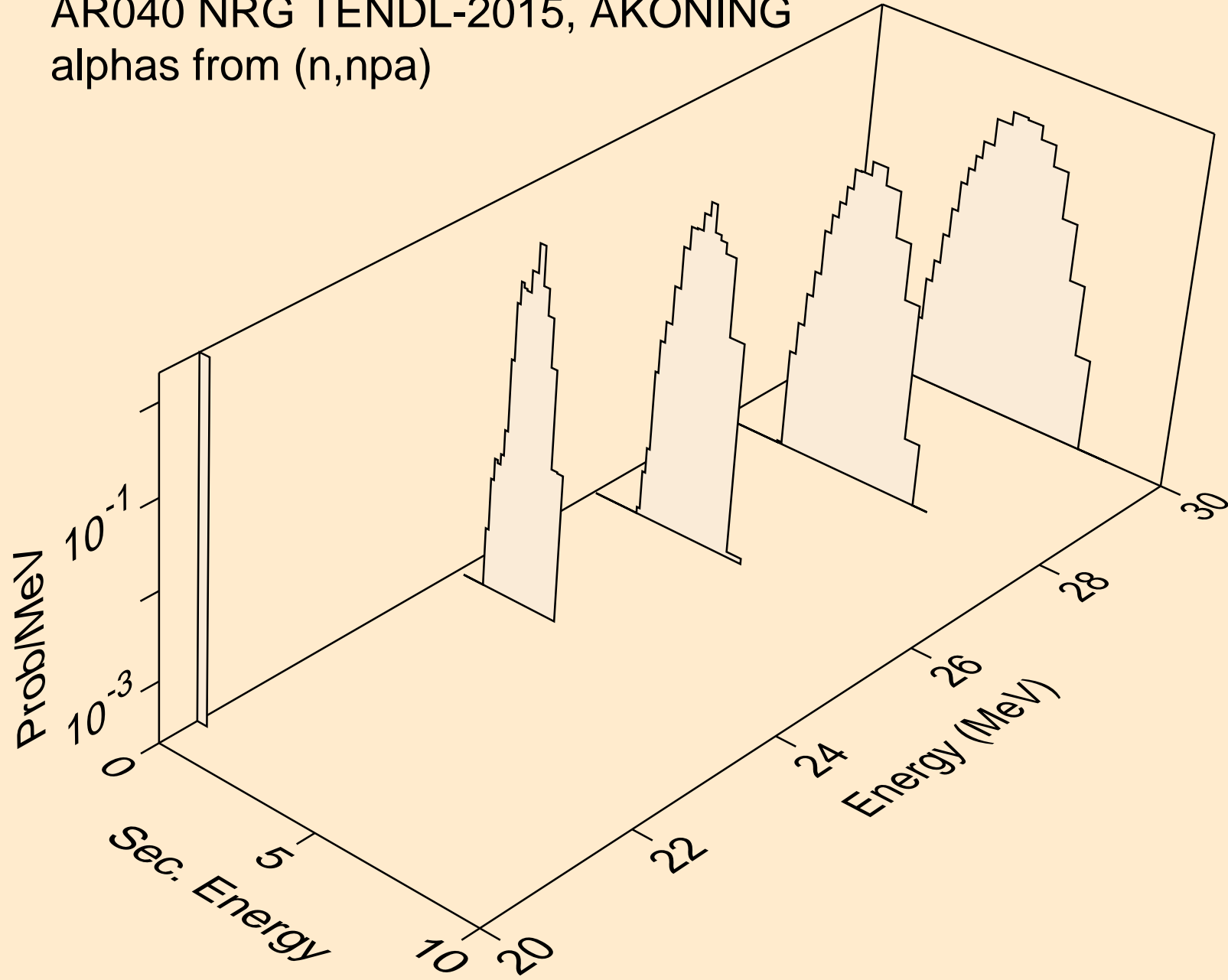
AR040 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



AR040 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

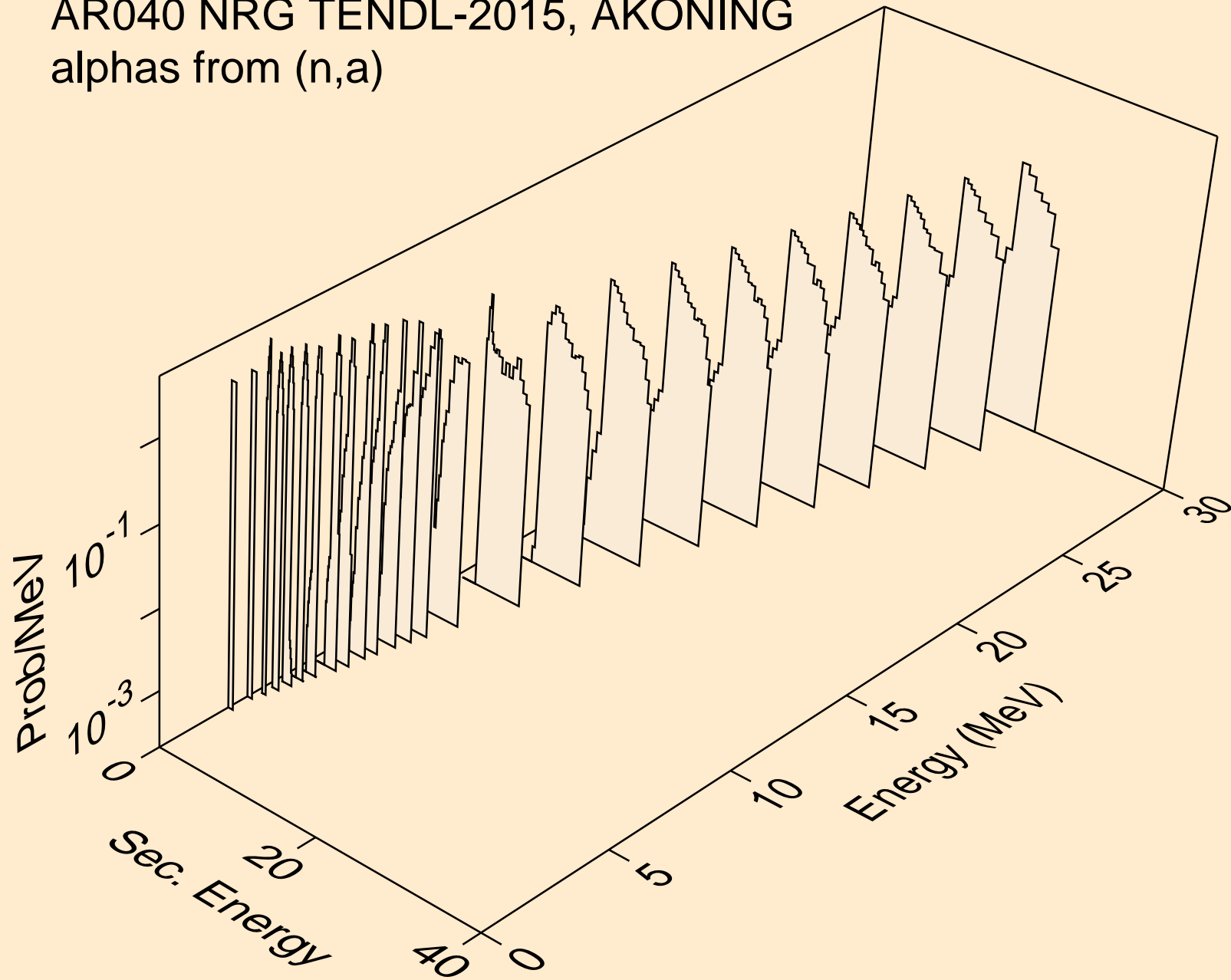


AR040 NRG TENDL-2015, AKONING  
alphas from (n,npa)

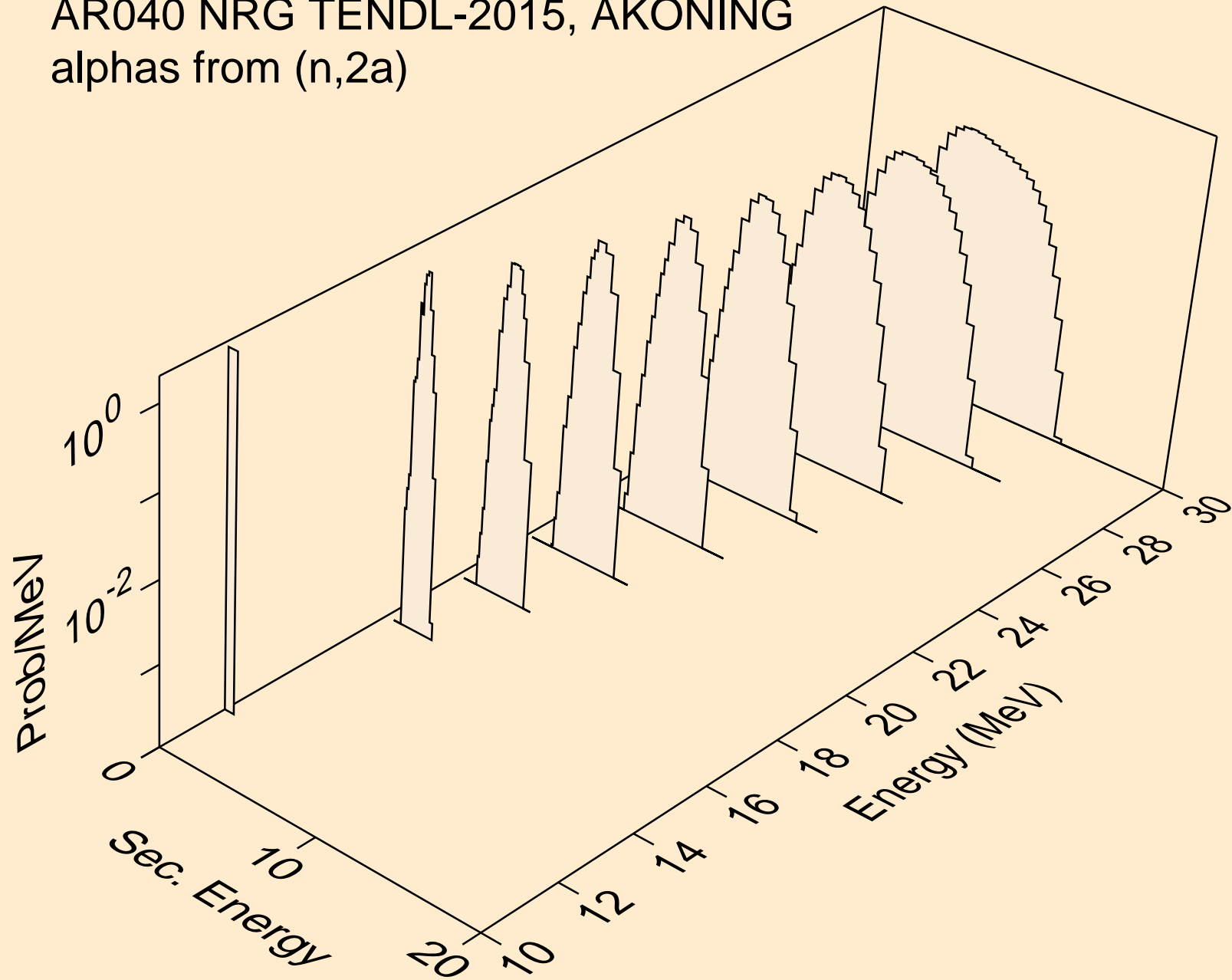




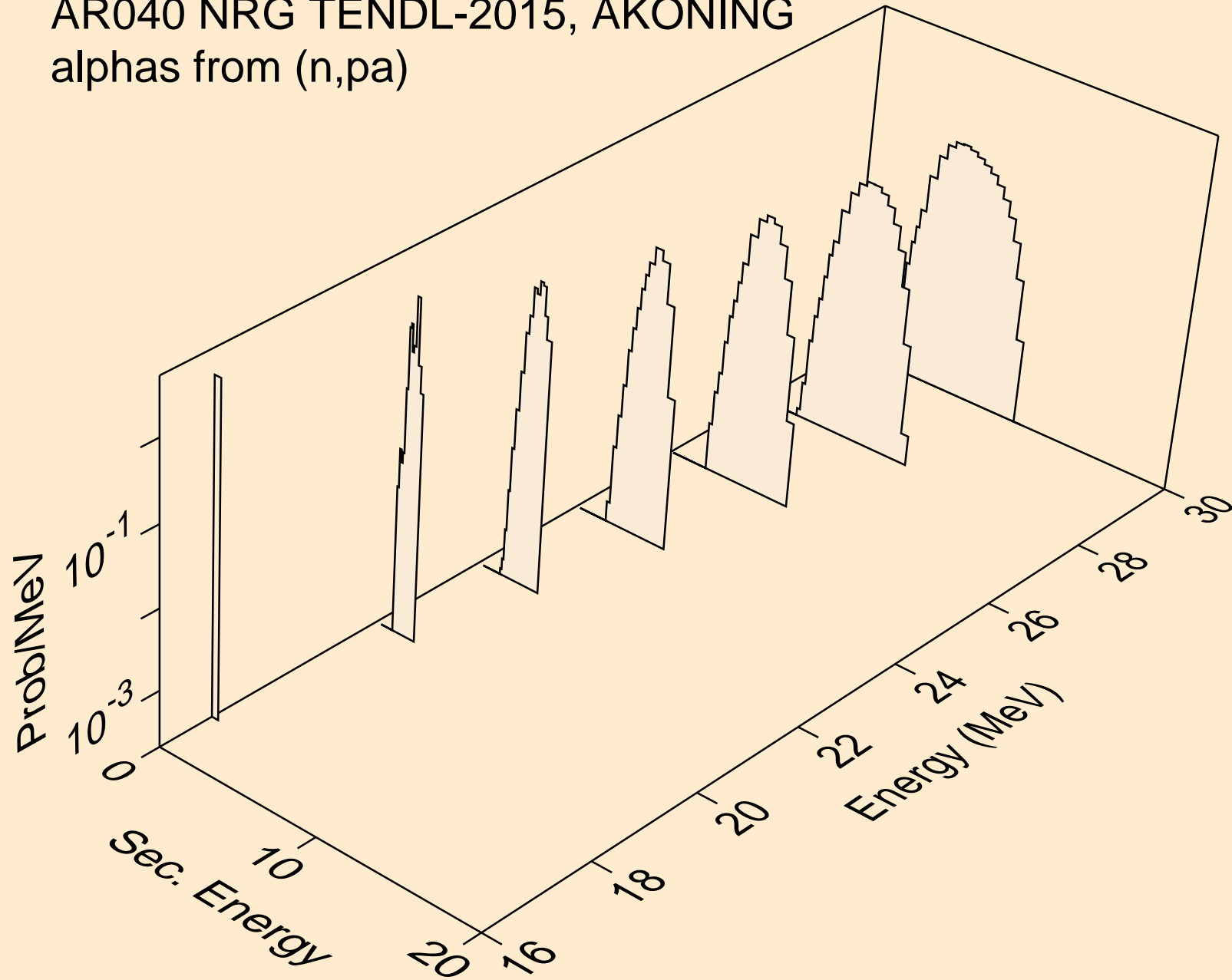
AR040 NRG TENDL-2015, AKONING  
alphas from (n,a)



AR040 NRG TENDL-2015, AKONING  
alphas from (n,2a)



AR040 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AR040 NRG TENDL-2015, AKONING  
alphas from (n,da)

