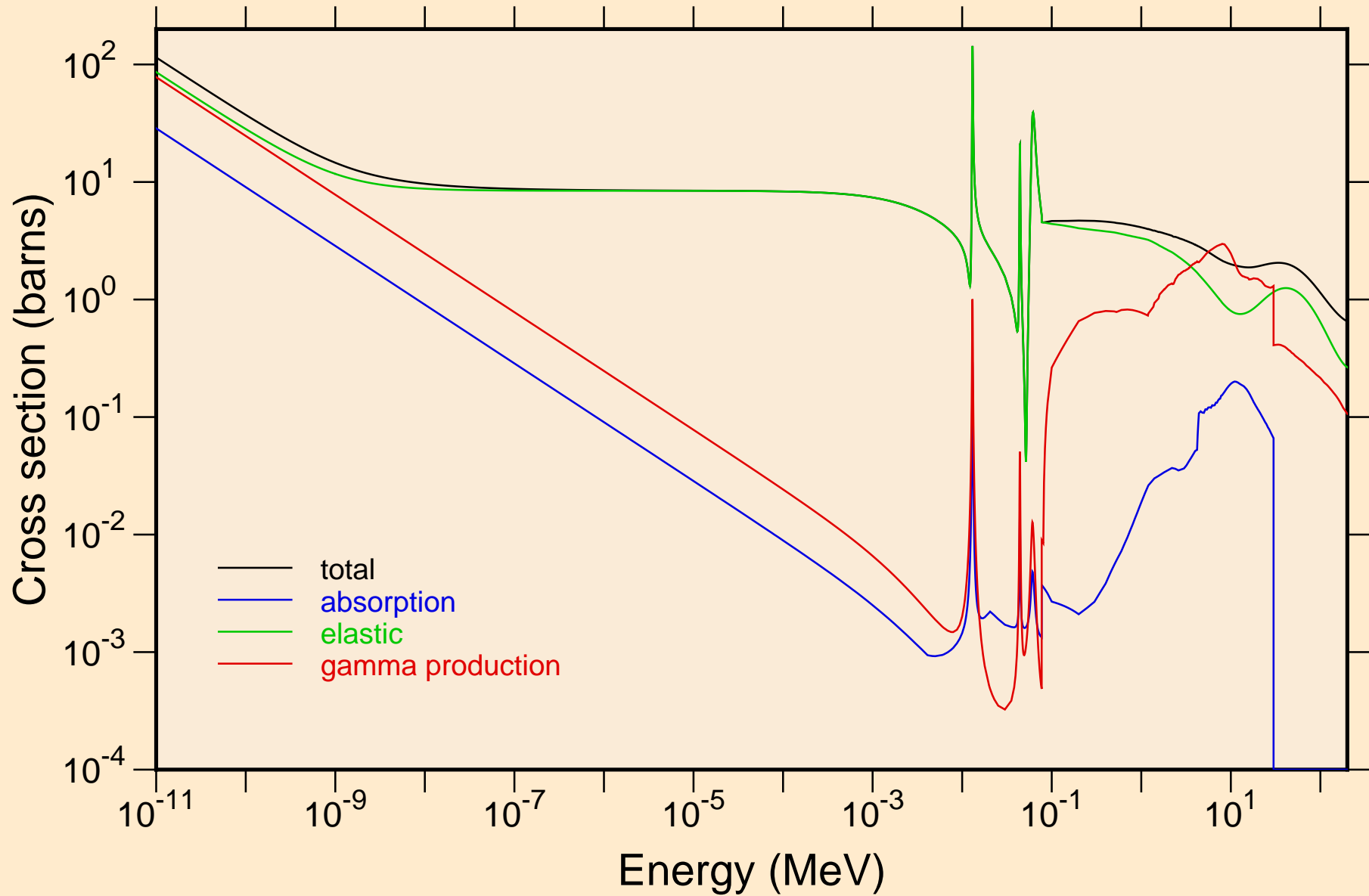
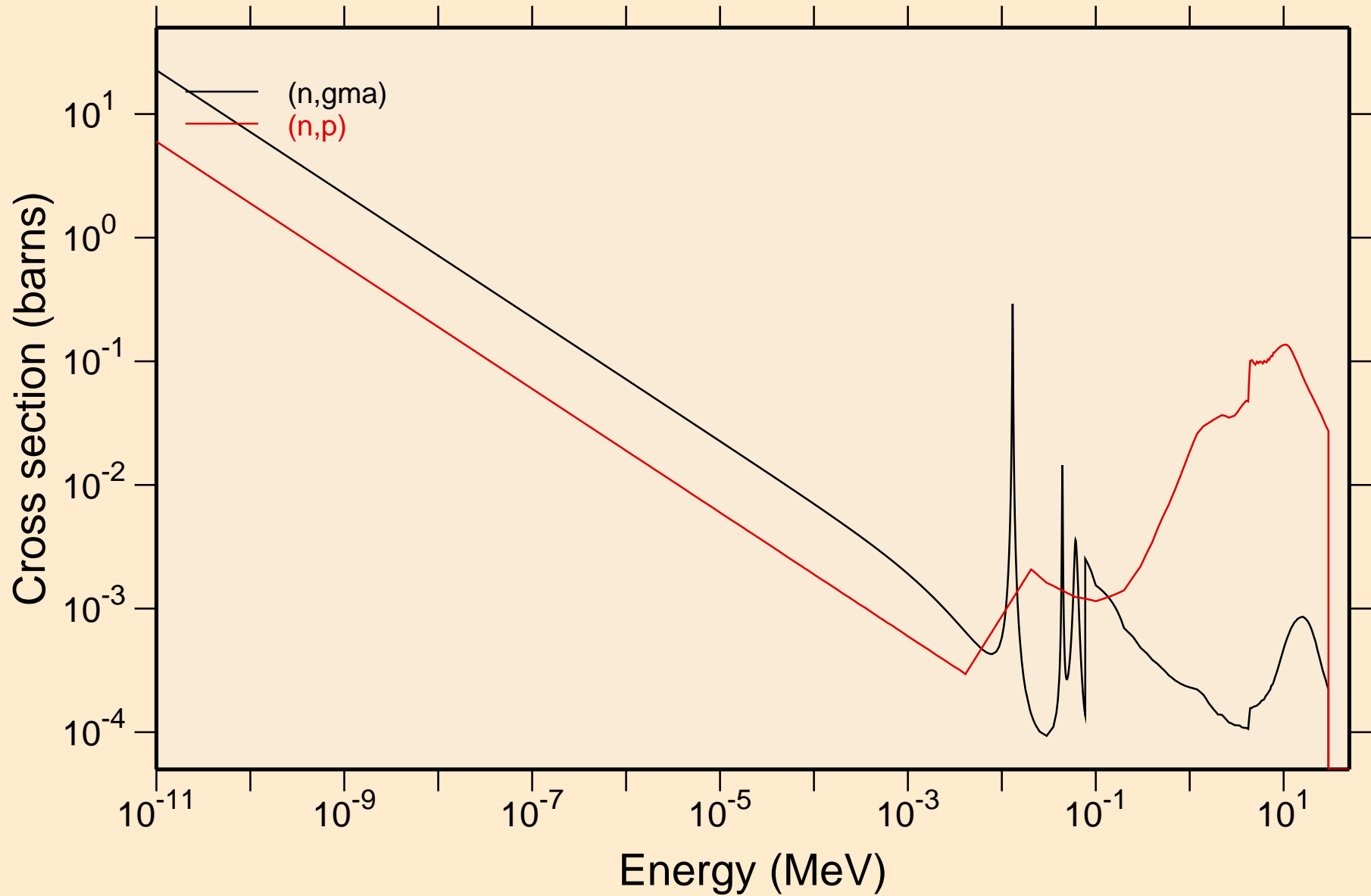


P032 NRG TENDL-2015, AKONING  
Principal cross sections



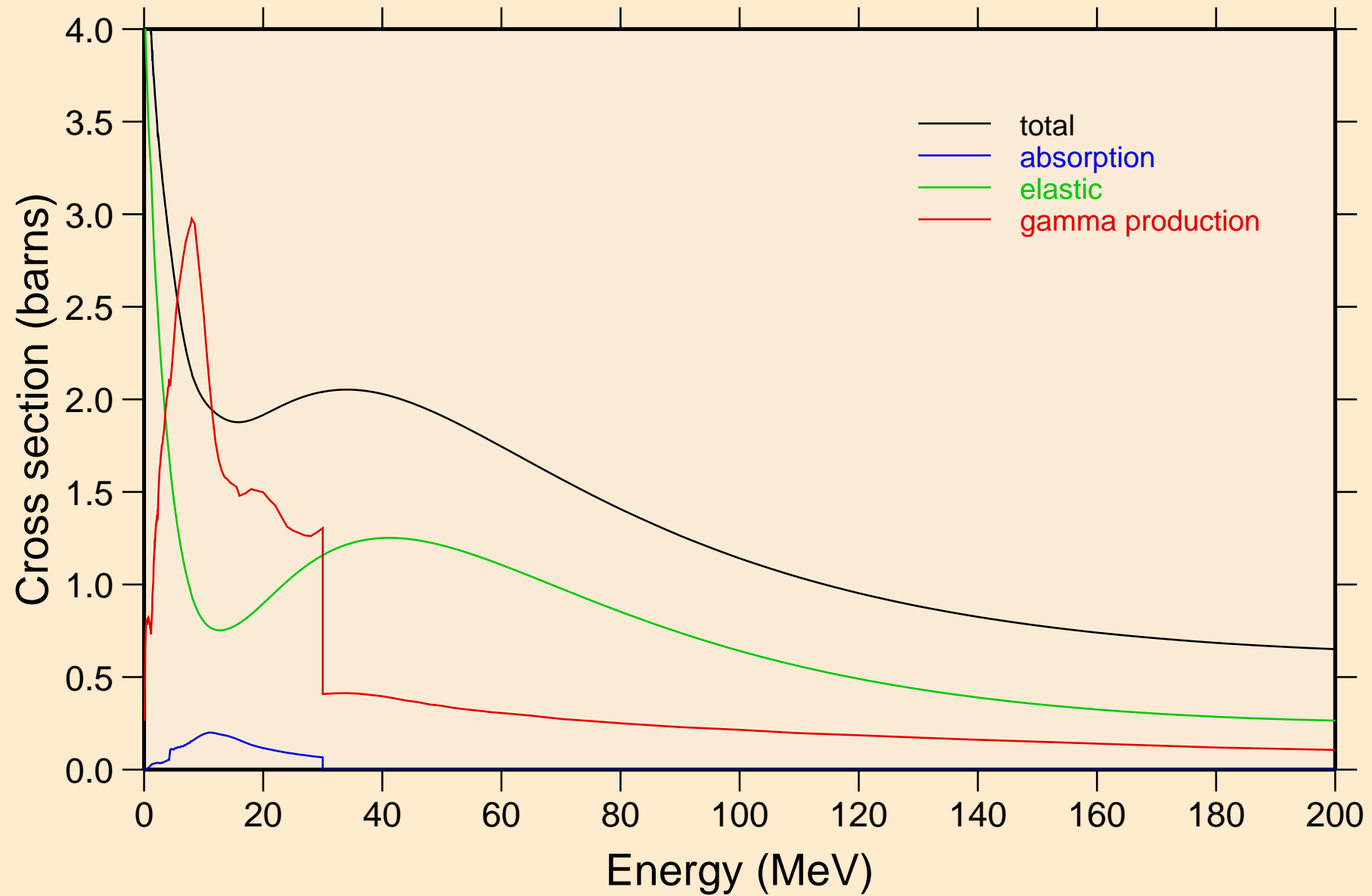
# P032 NRG TENDL-2015, AKONING

## Non-threshold reactions



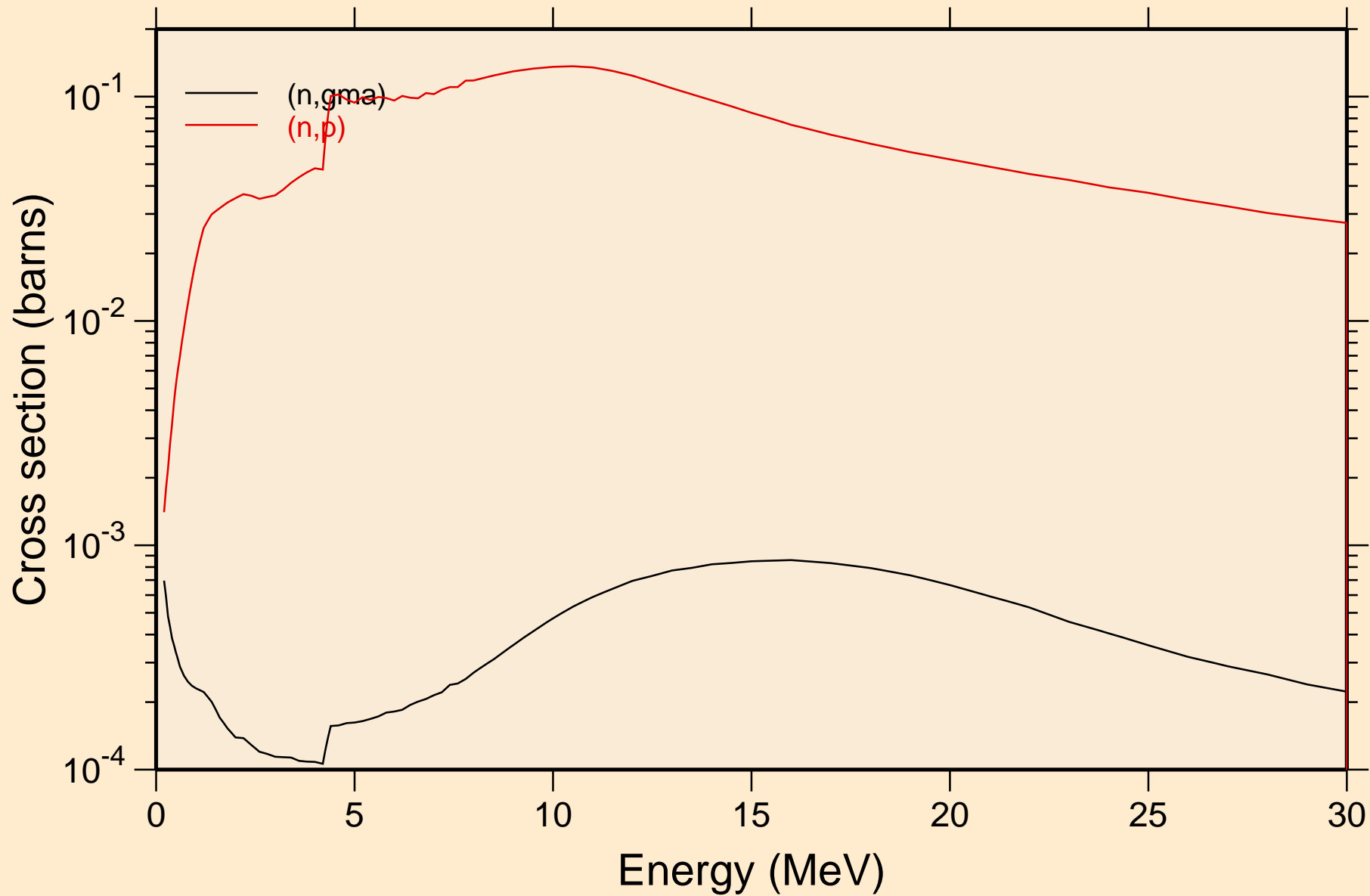
# P032 NRG TENDL-2015, AKONING

## Principal cross sections



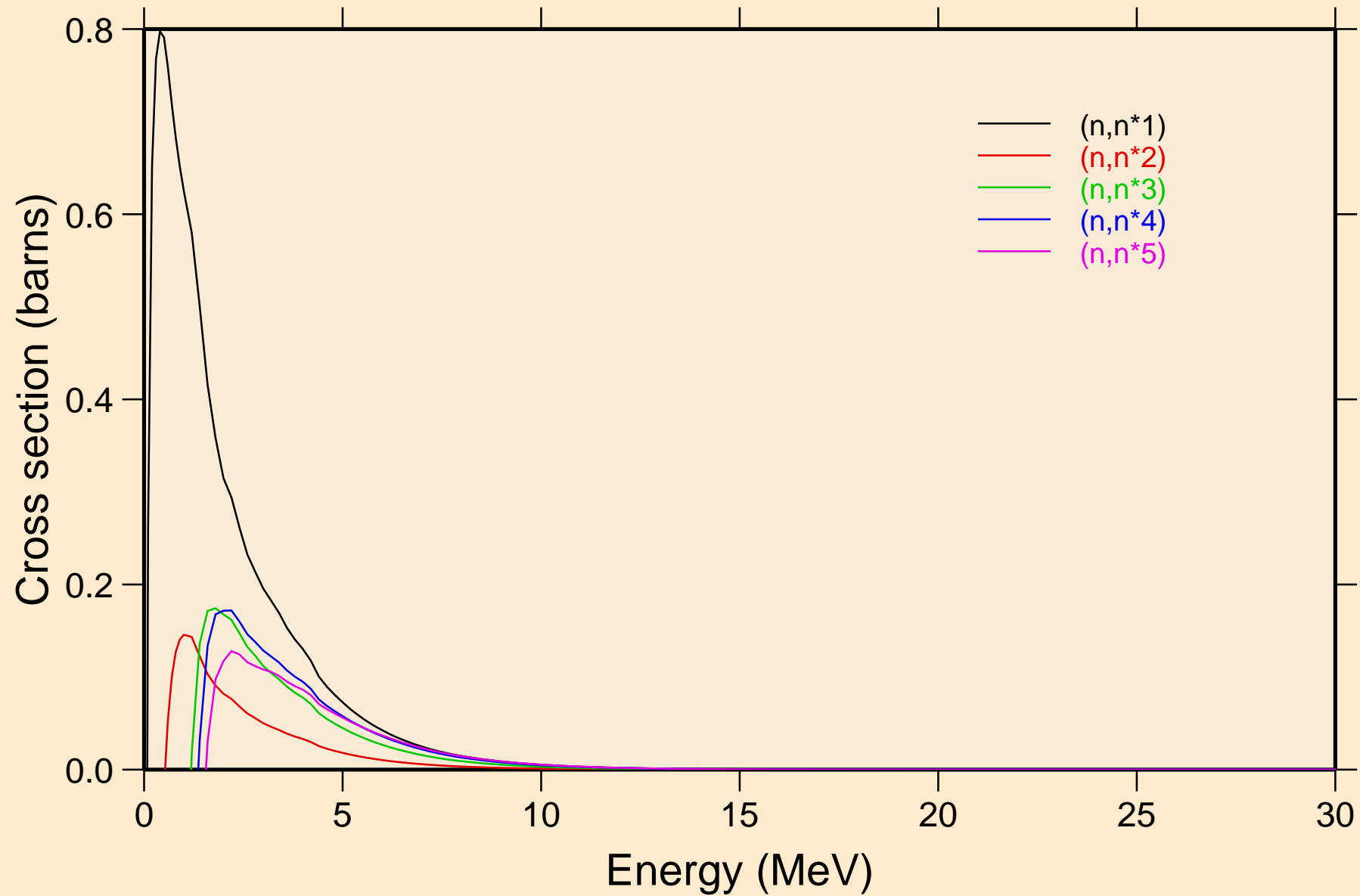
# P032 NRG TENDL-2015, AKONING

## Non-threshold reactions



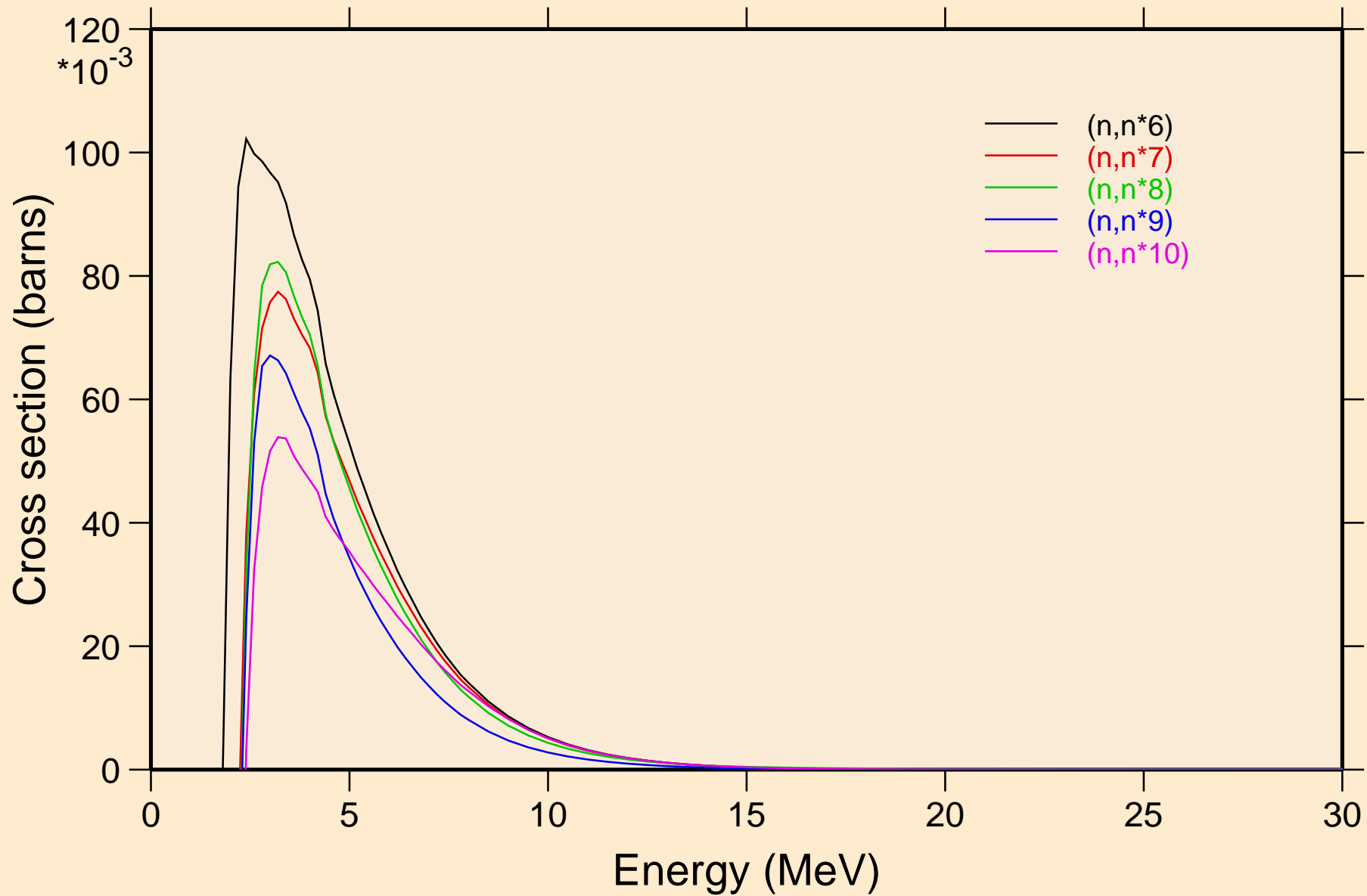
# P032 NRG TENDL-2015, AKONING

## Inelastic levels



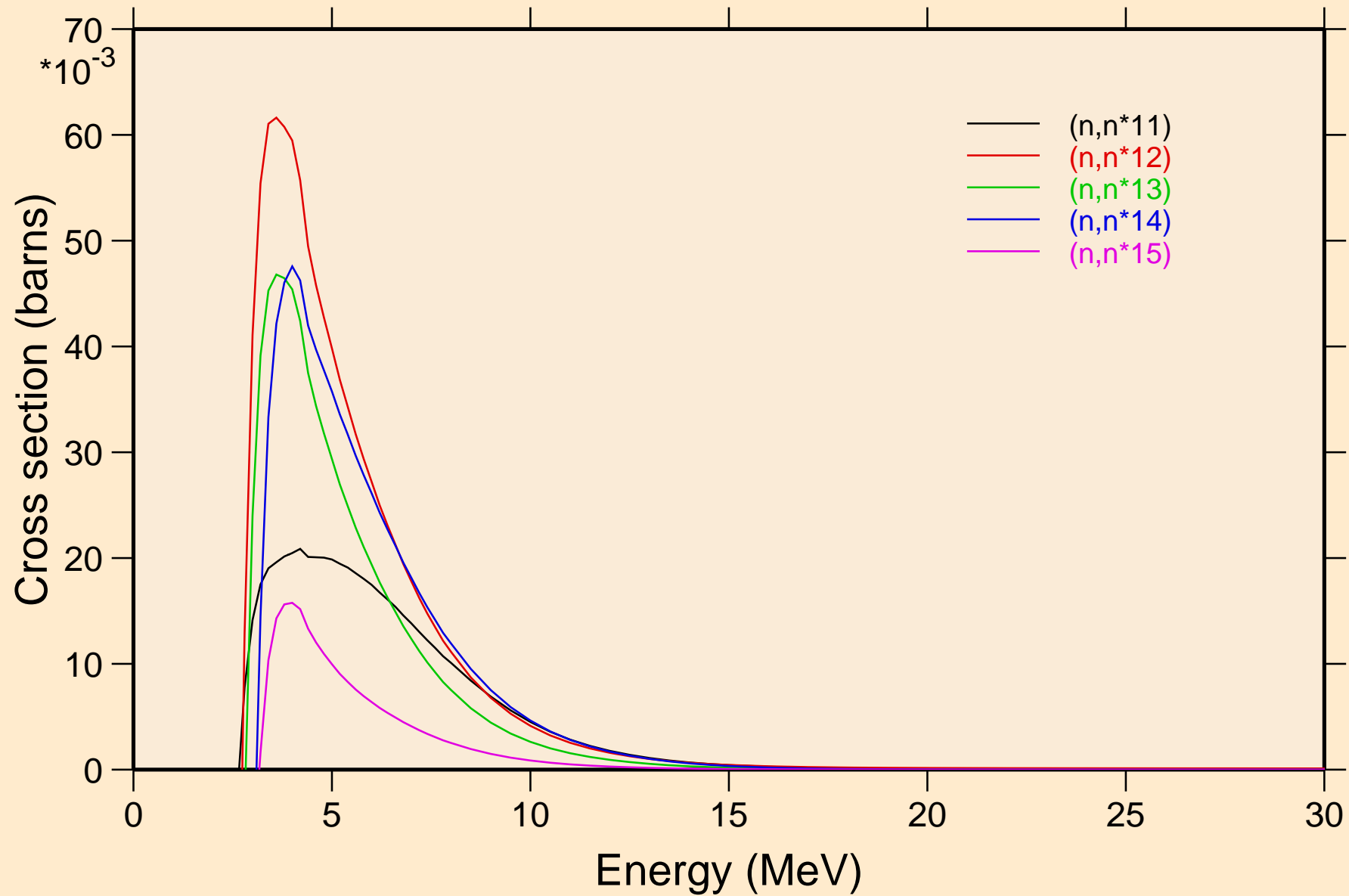
# P032 NRG TENDL-2015, AKONING

## Inelastic levels



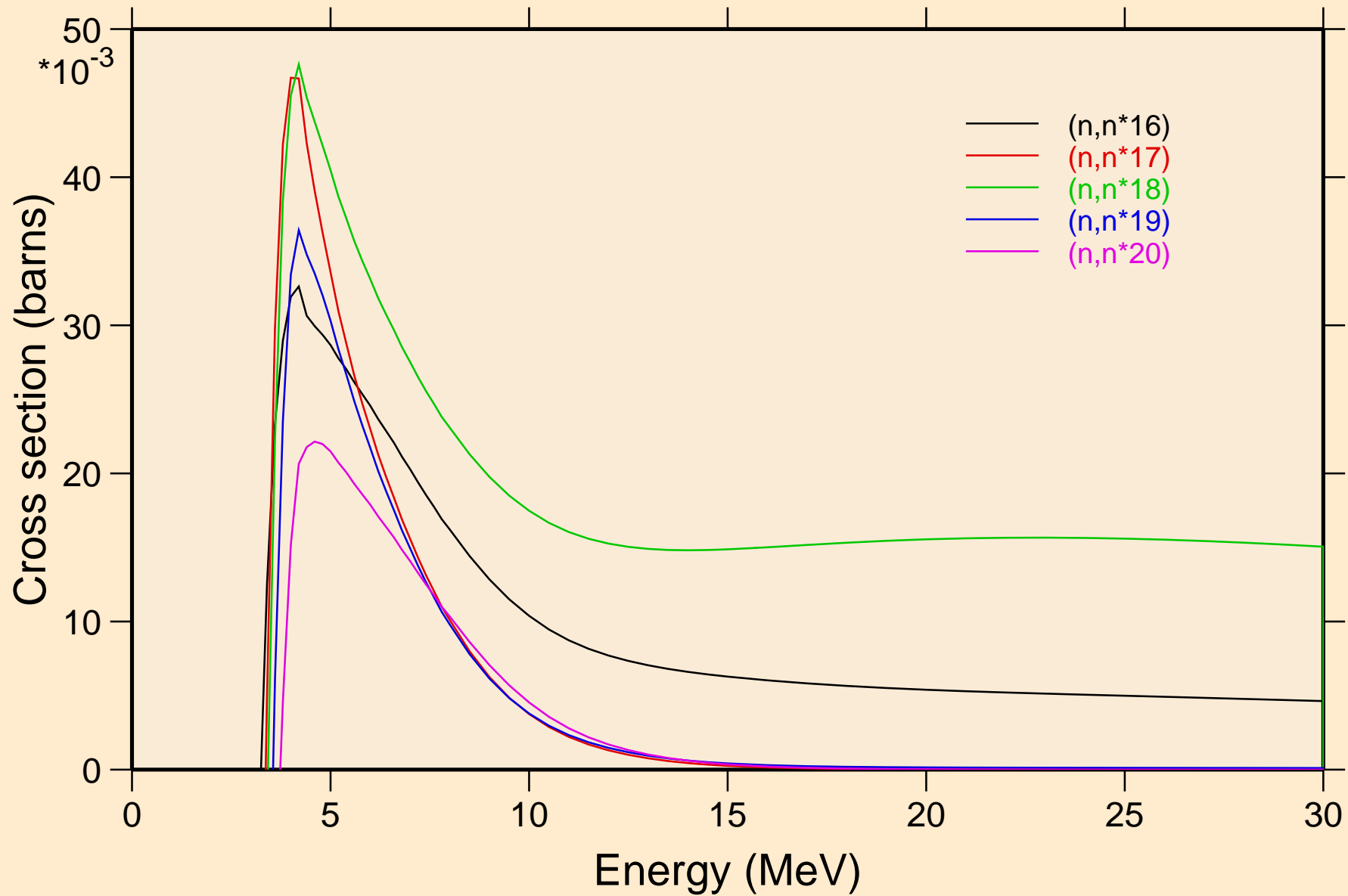
# P032 NRG TENDL-2015, AKONING

## Inelastic levels



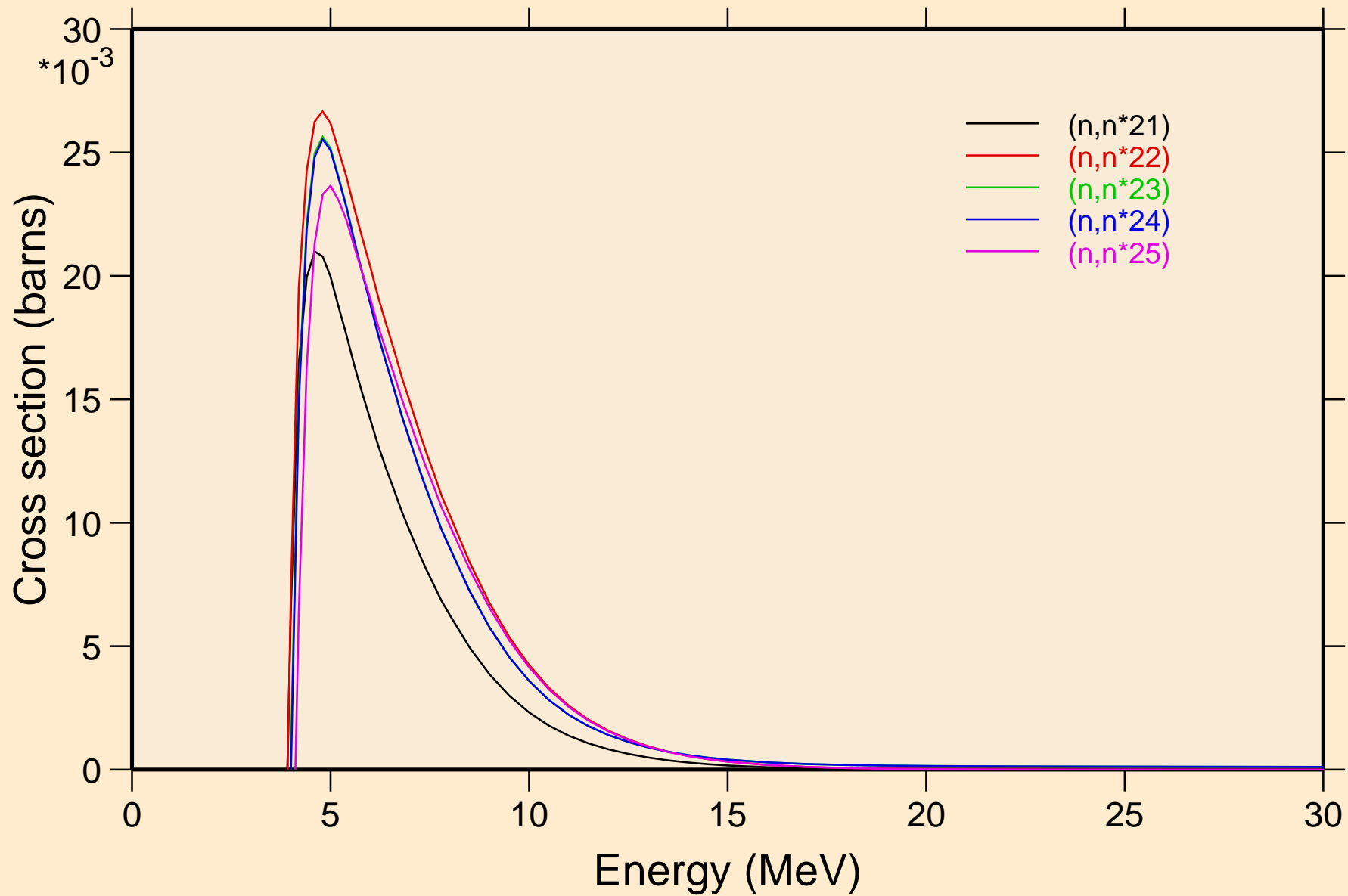
# P032 NRG TENDL-2015, AKONING

## Inelastic levels

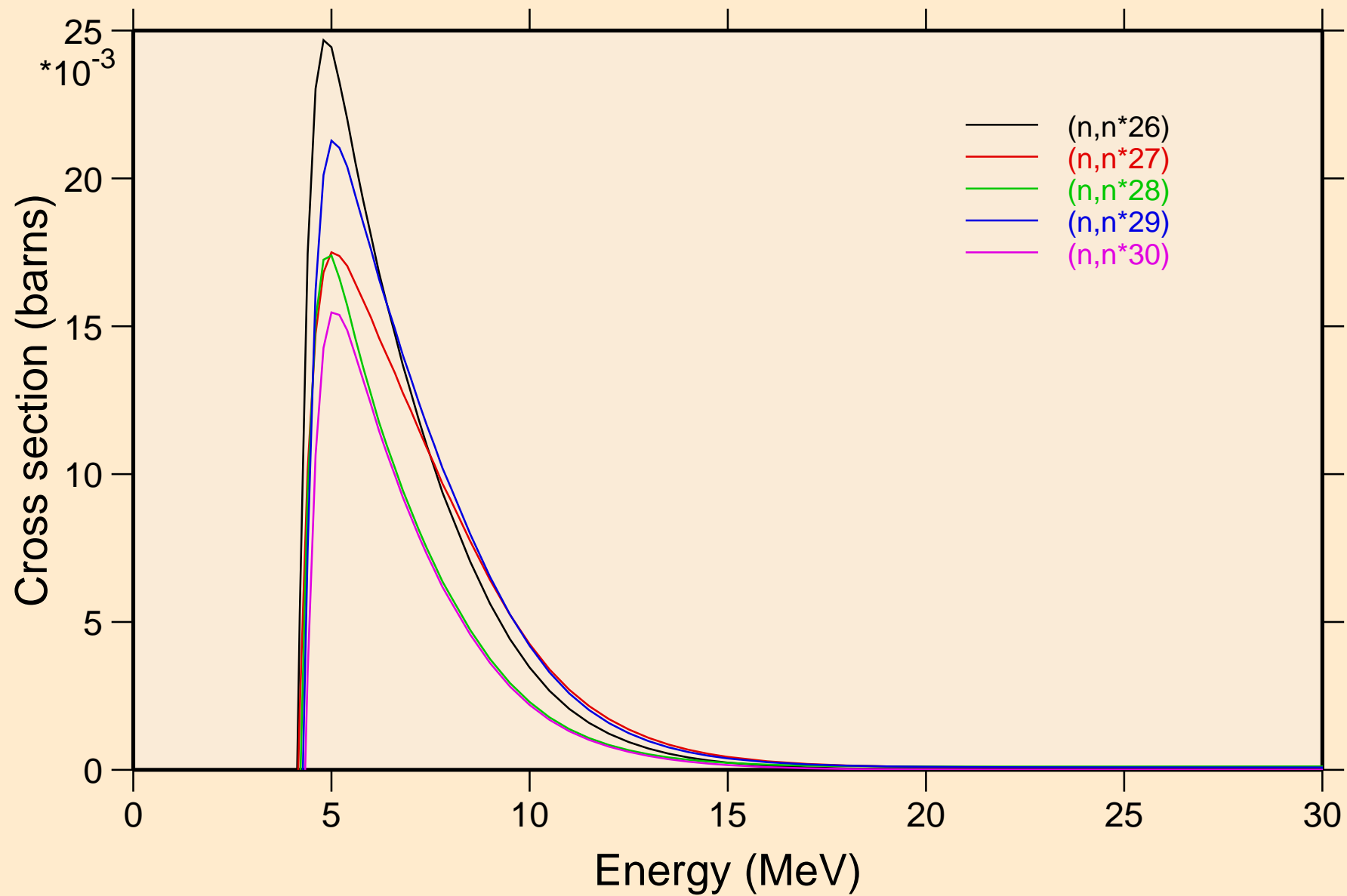




P032 NRG TENDL-2015, AKONING  
Inelastic levels

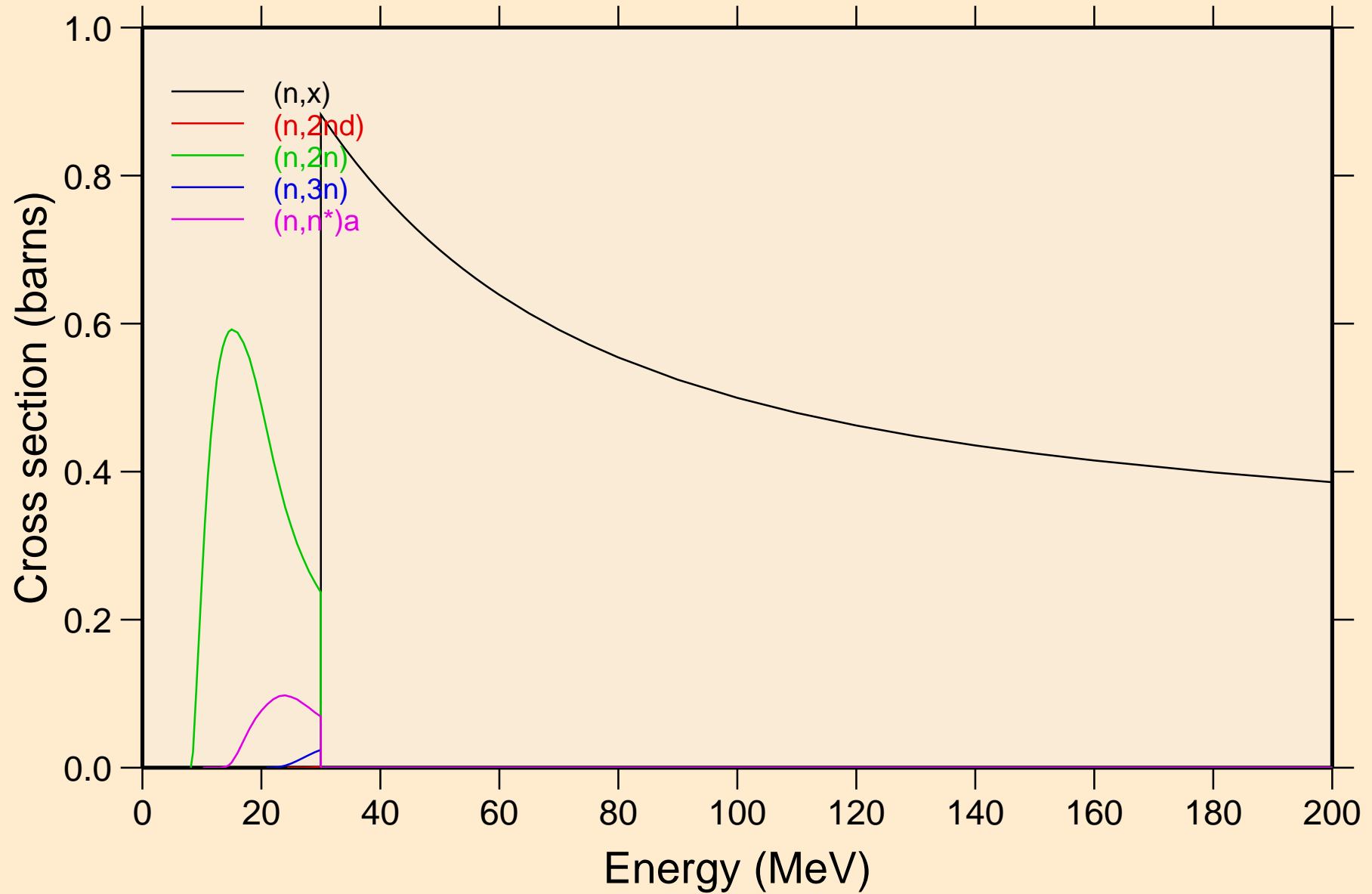


P032 NRG TENDL-2015, AKONING  
Inelastic levels



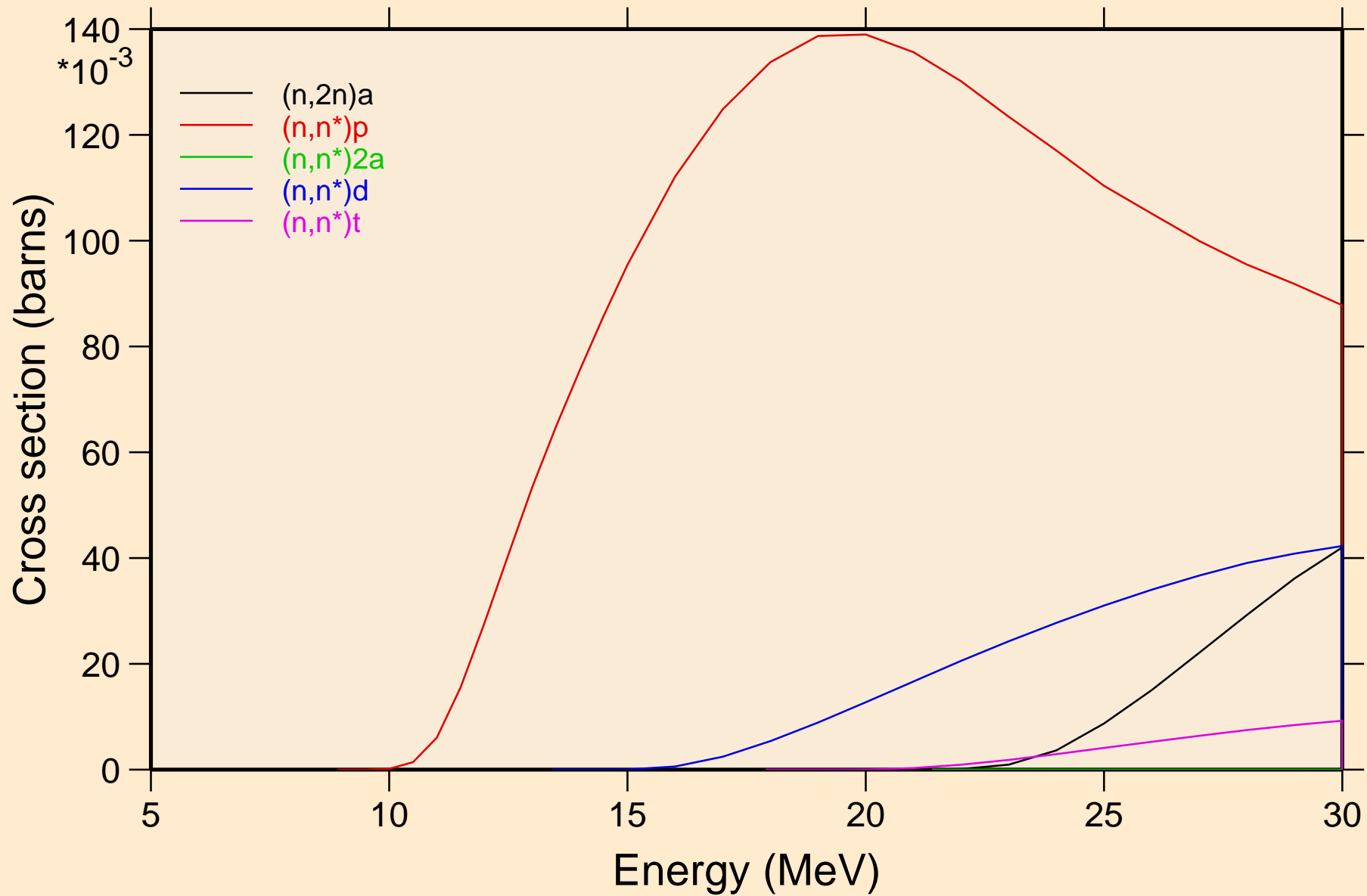
# P032 NRG TENDL-2015, AKONING

## Threshold reactions



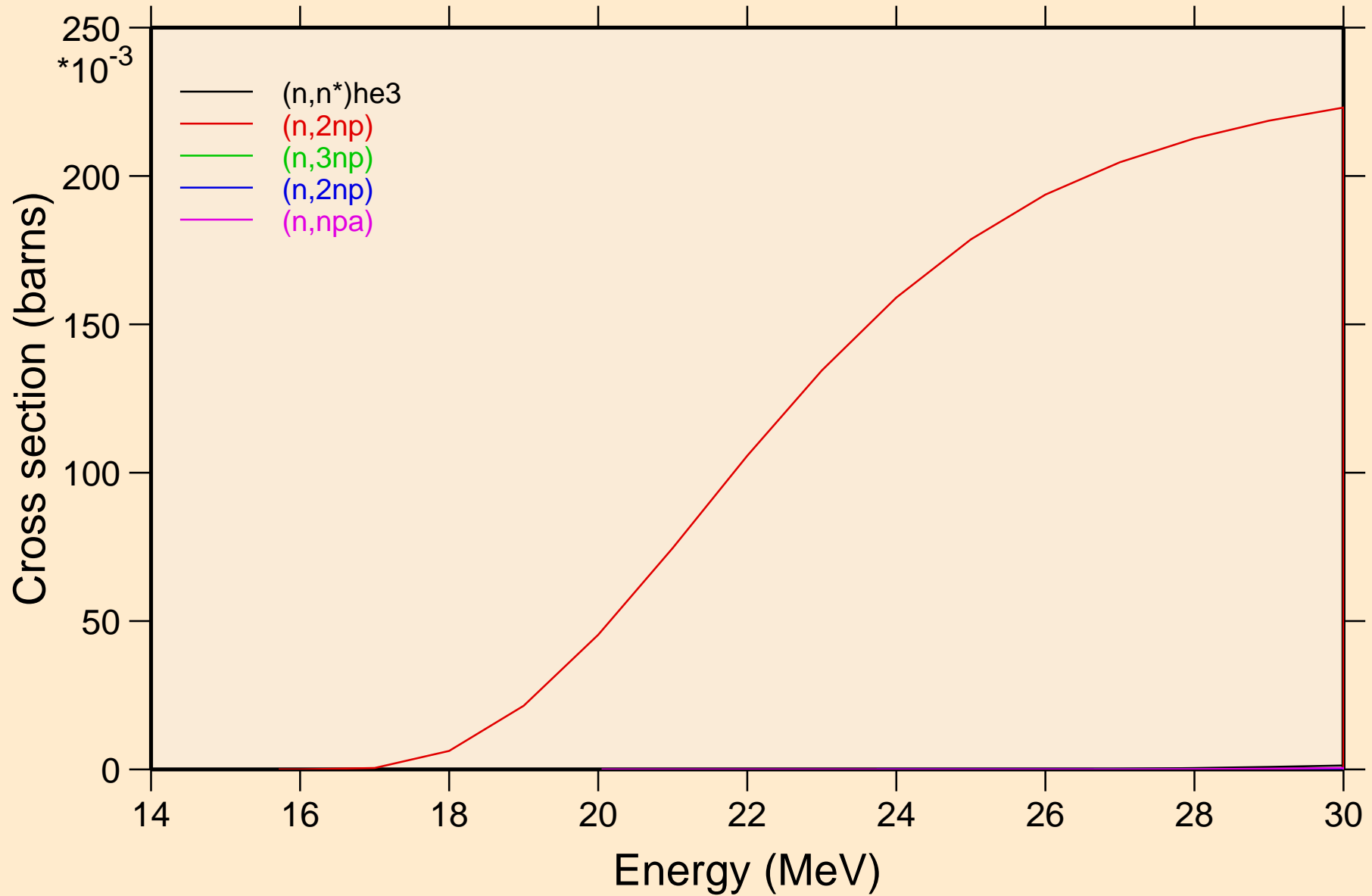
# P032 NRG TENDL-2015, AKONING

## Threshold reactions



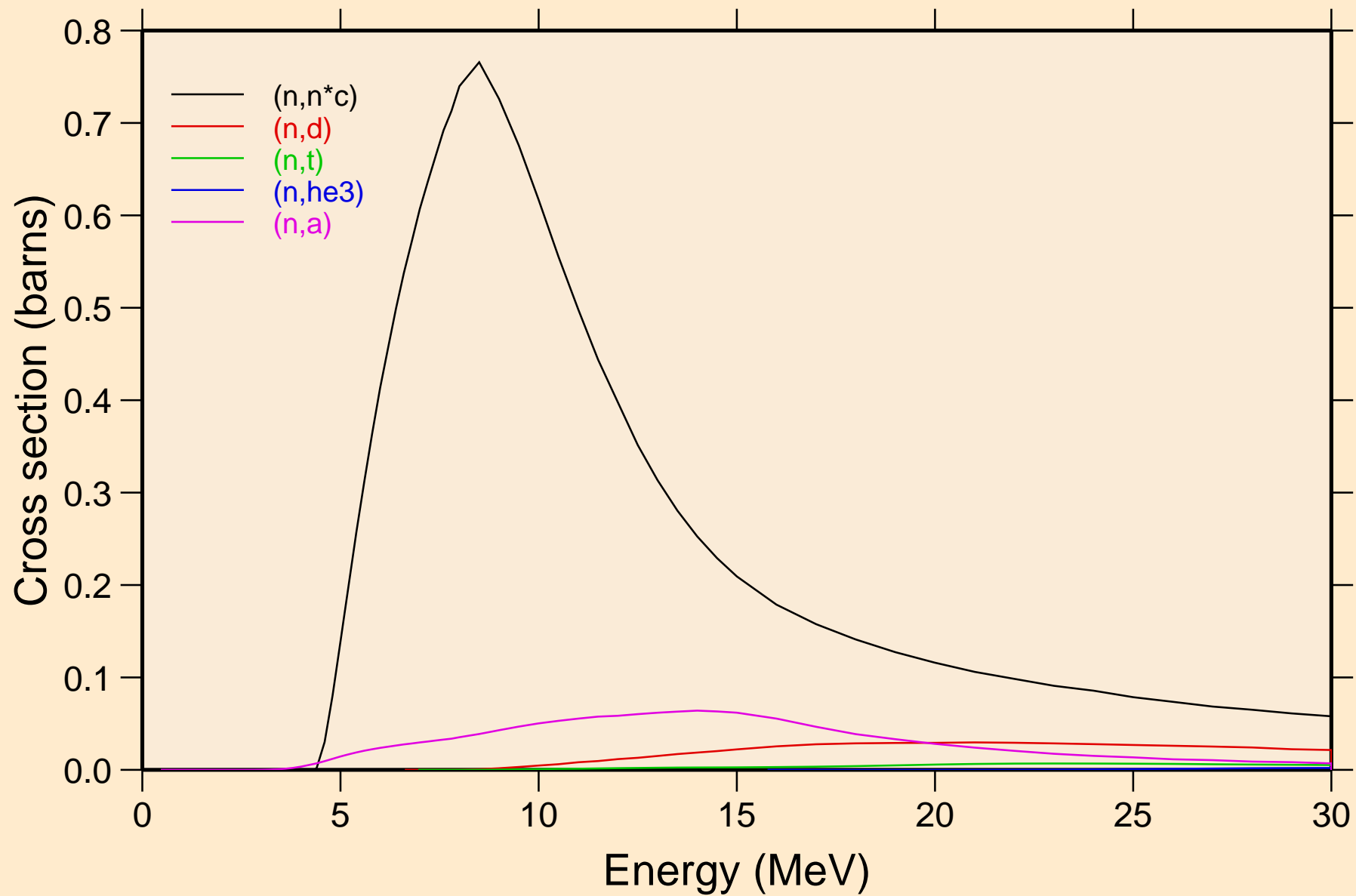
# P032 NRG TENDL-2015, AKONING

## Threshold reactions



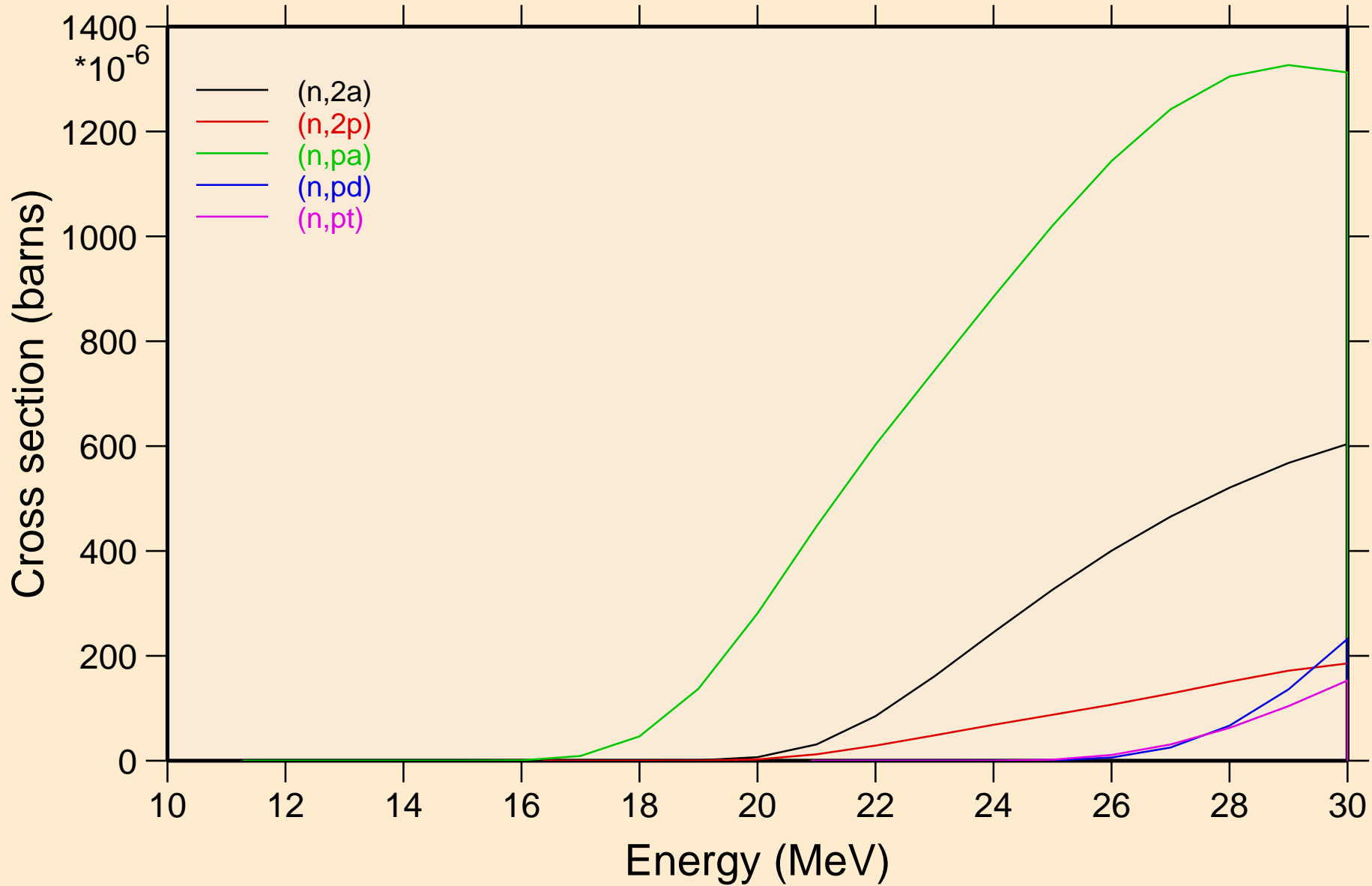
# P032 NRG TENDL-2015, AKONING

## Threshold reactions

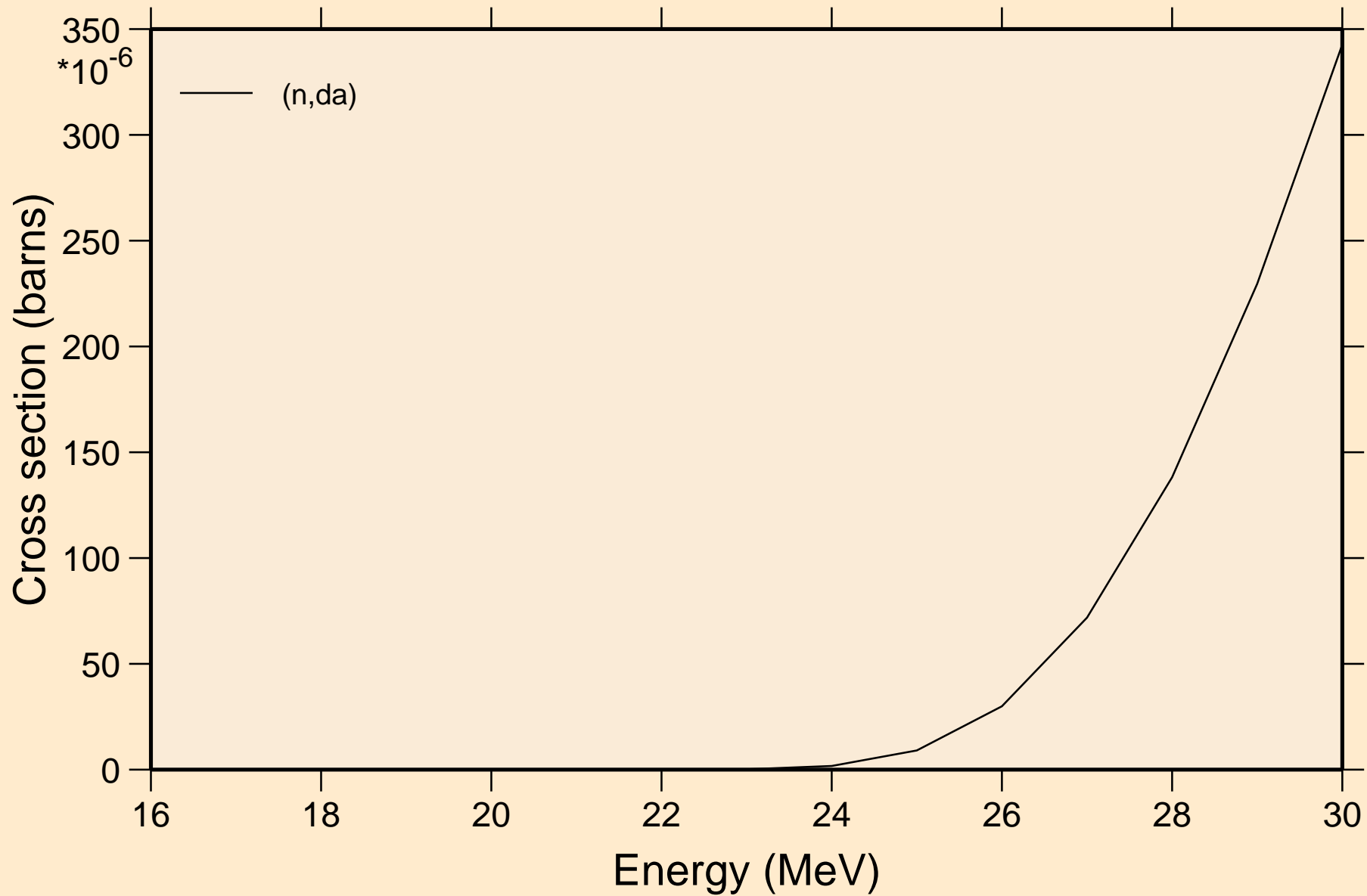


# P032 NRG TENDL-2015, AKONING

## Threshold reactions

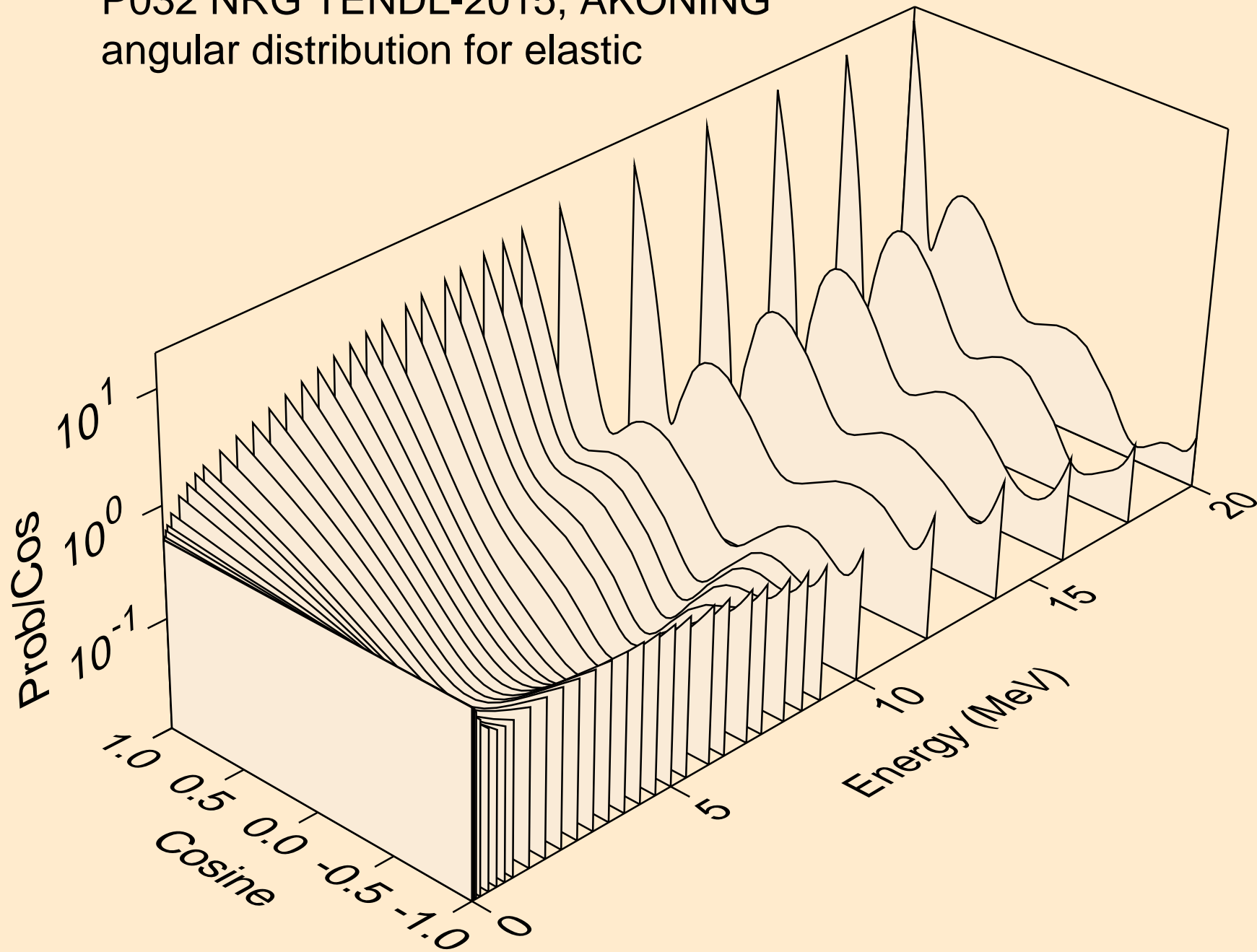


P032 NRG TENDL-2015, AKONING  
Threshold reactions

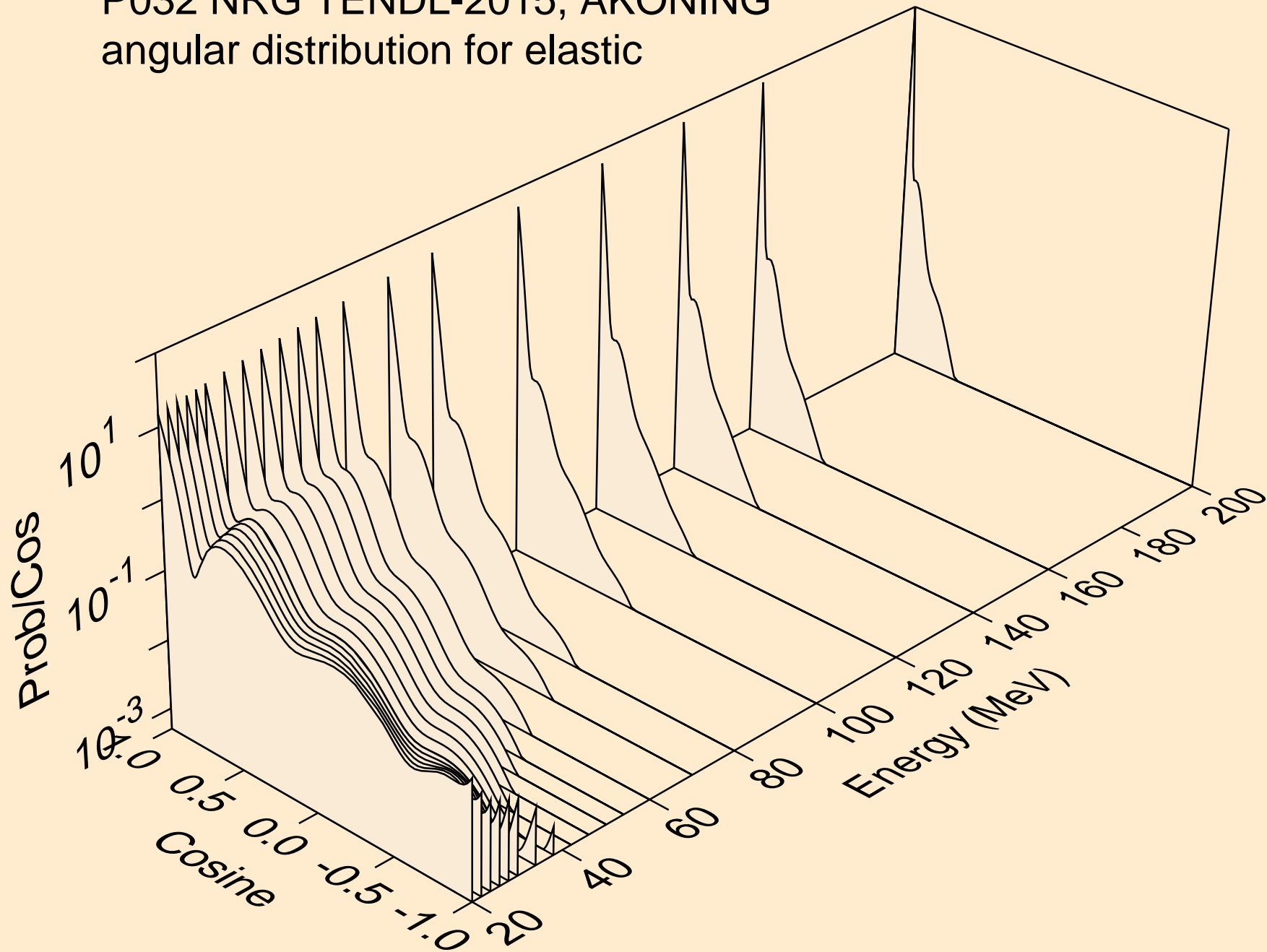




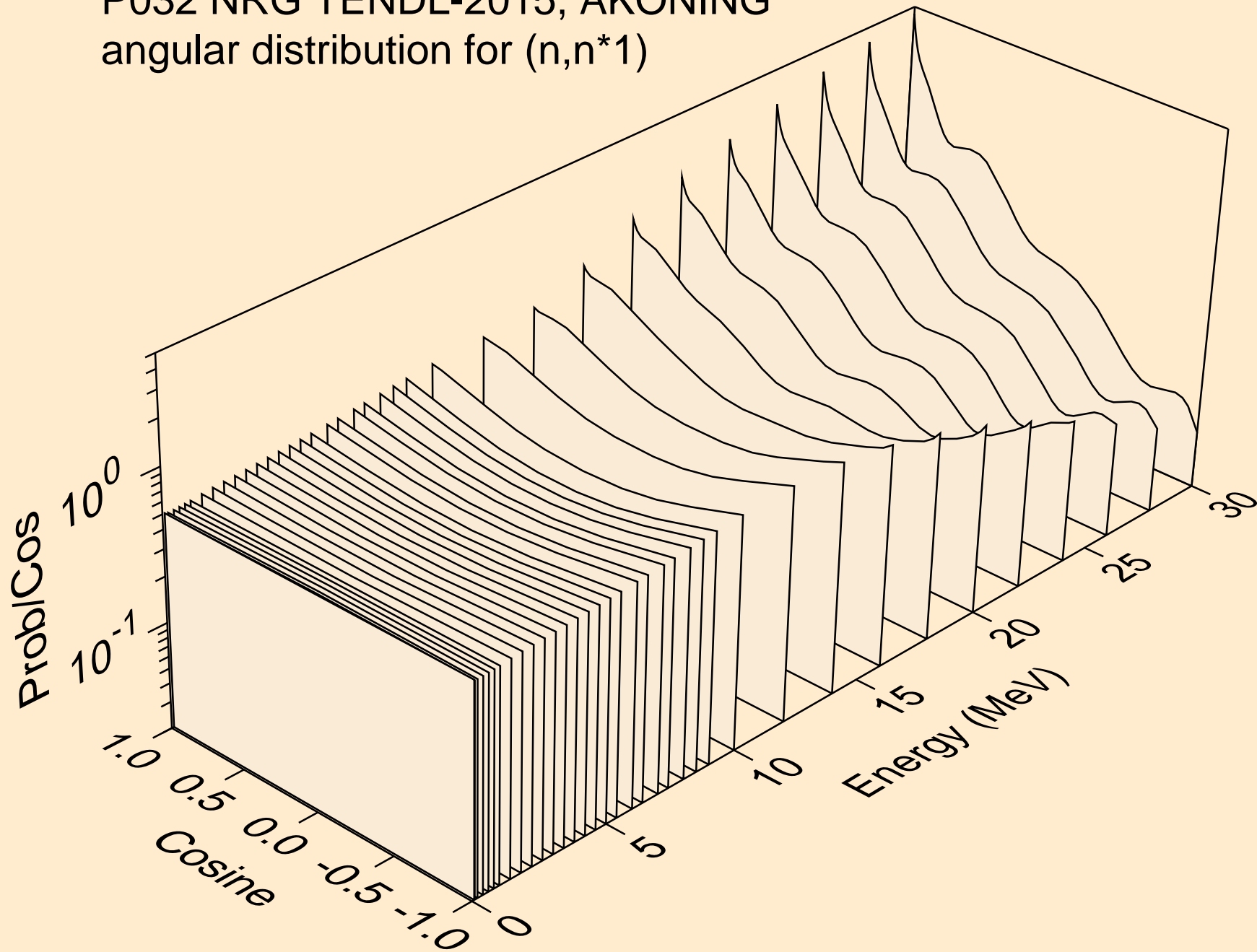
P032 NRG TENDL-2015, AKONING  
angular distribution for elastic



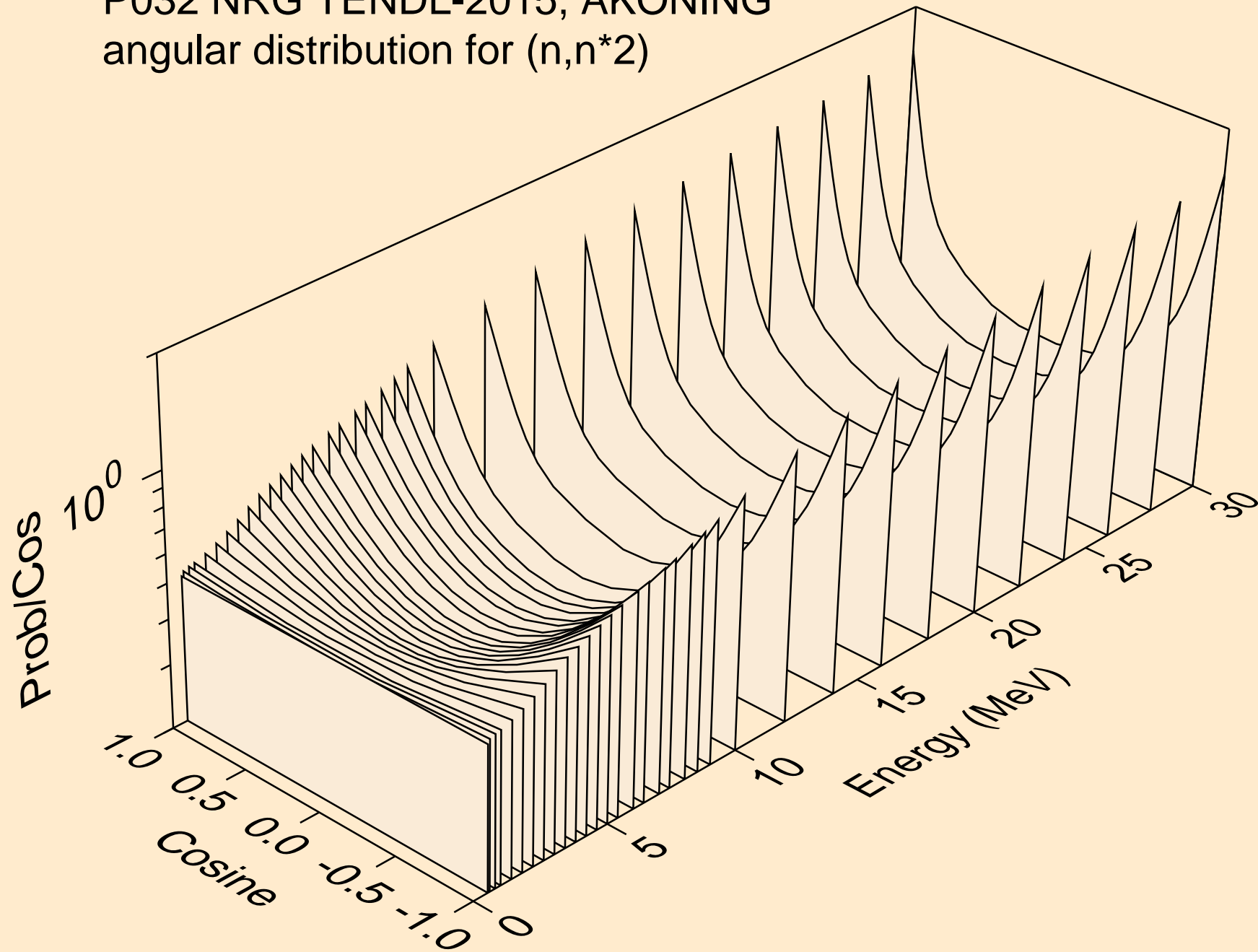
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angular distribution for elastic



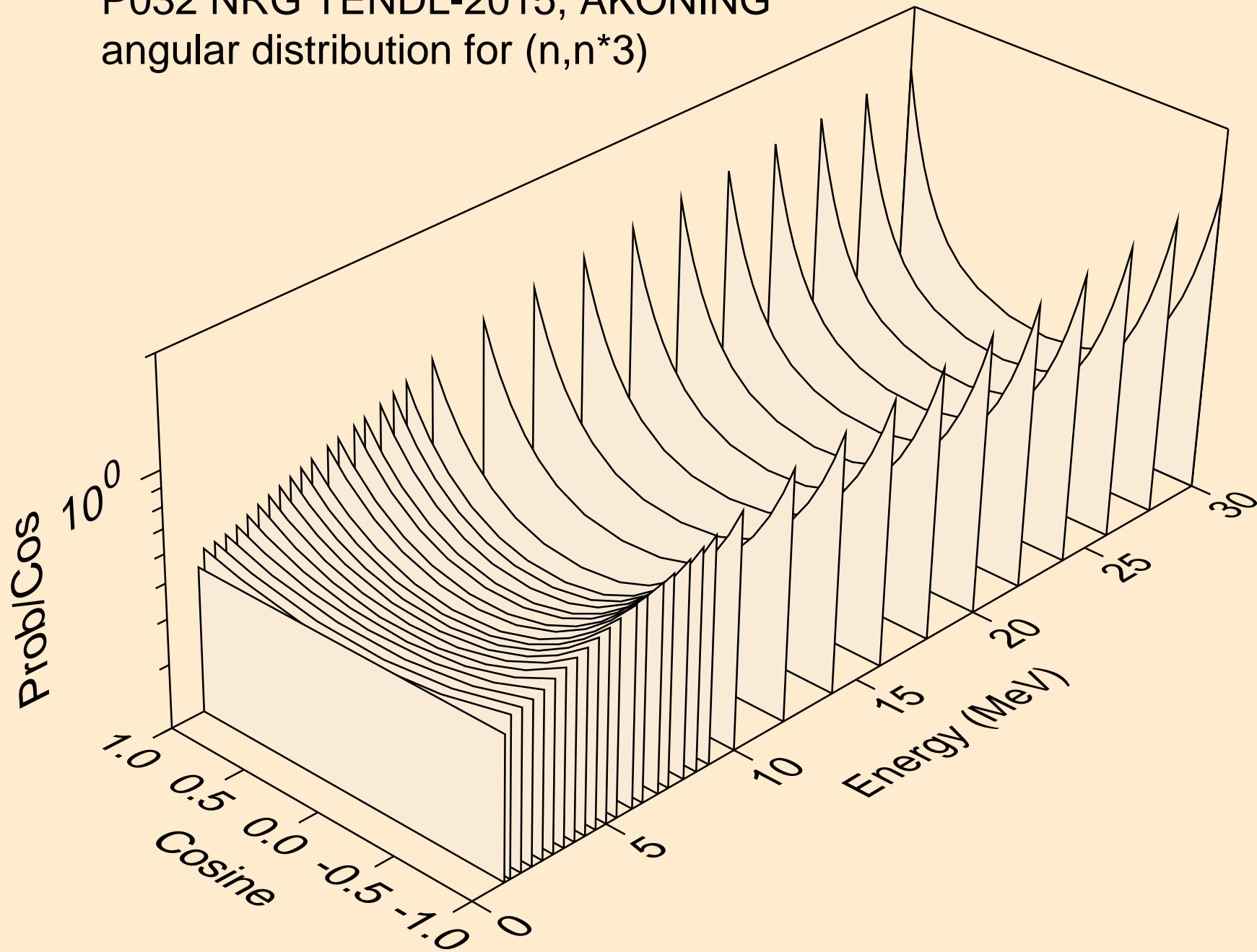
P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



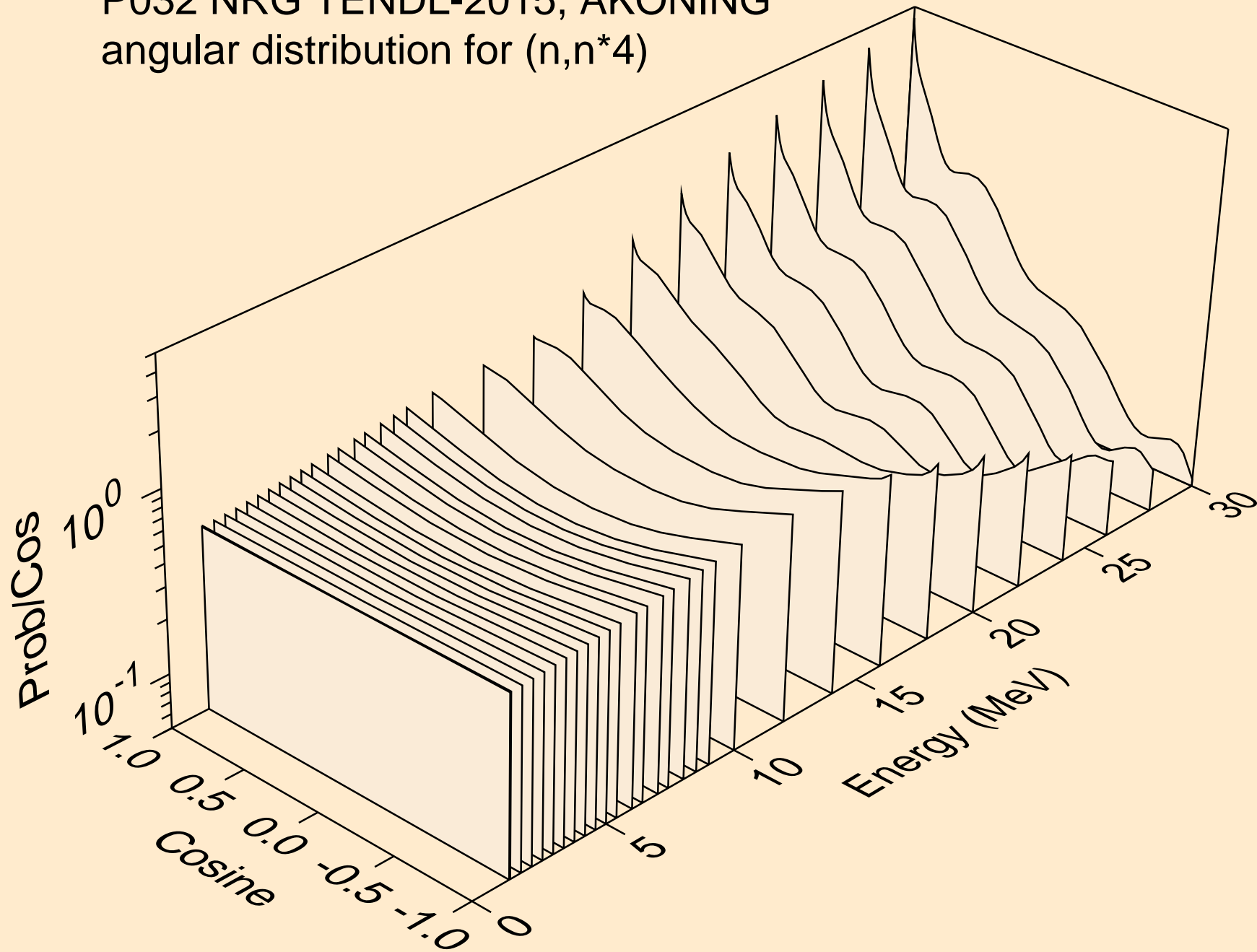
P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



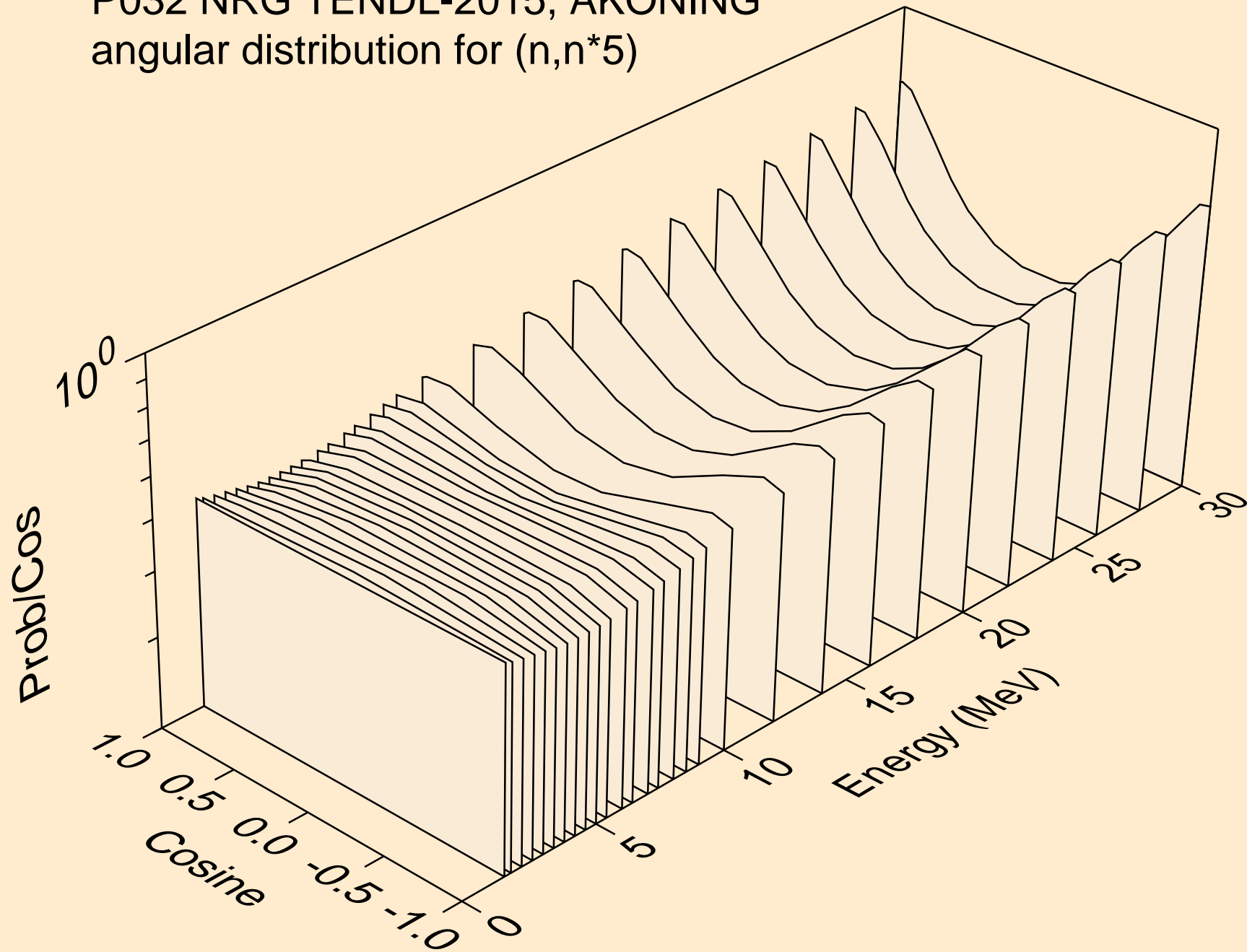
P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



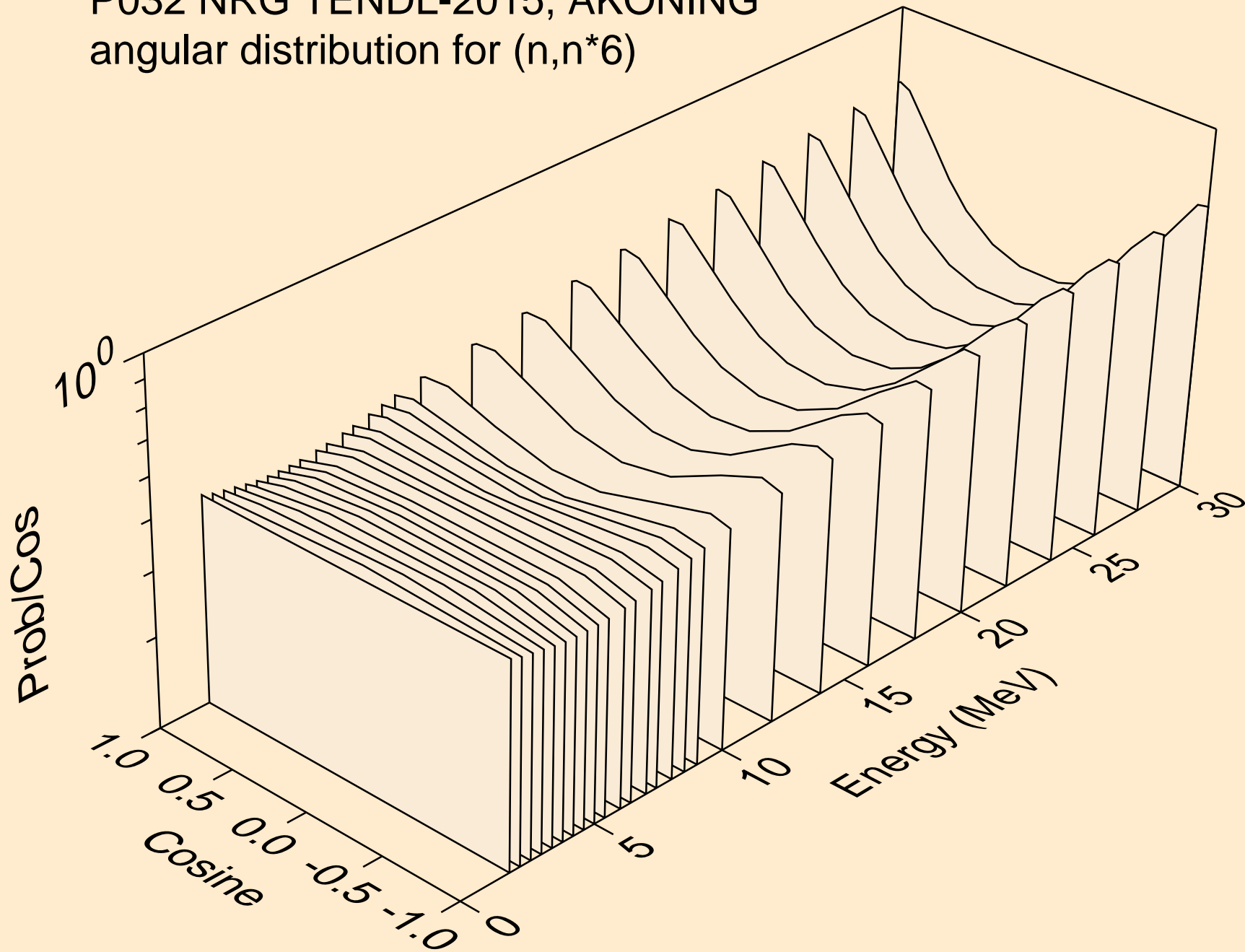
P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

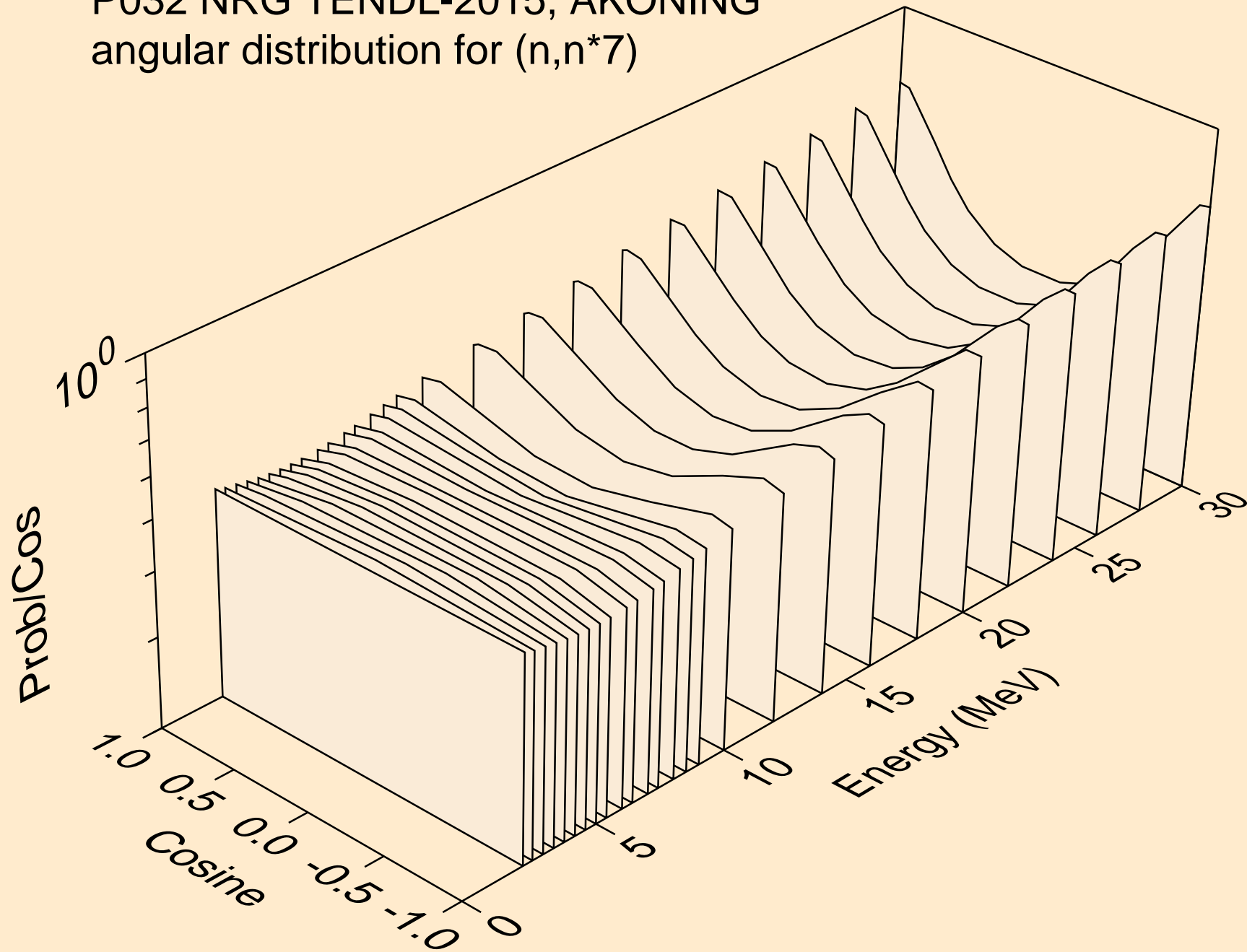


P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

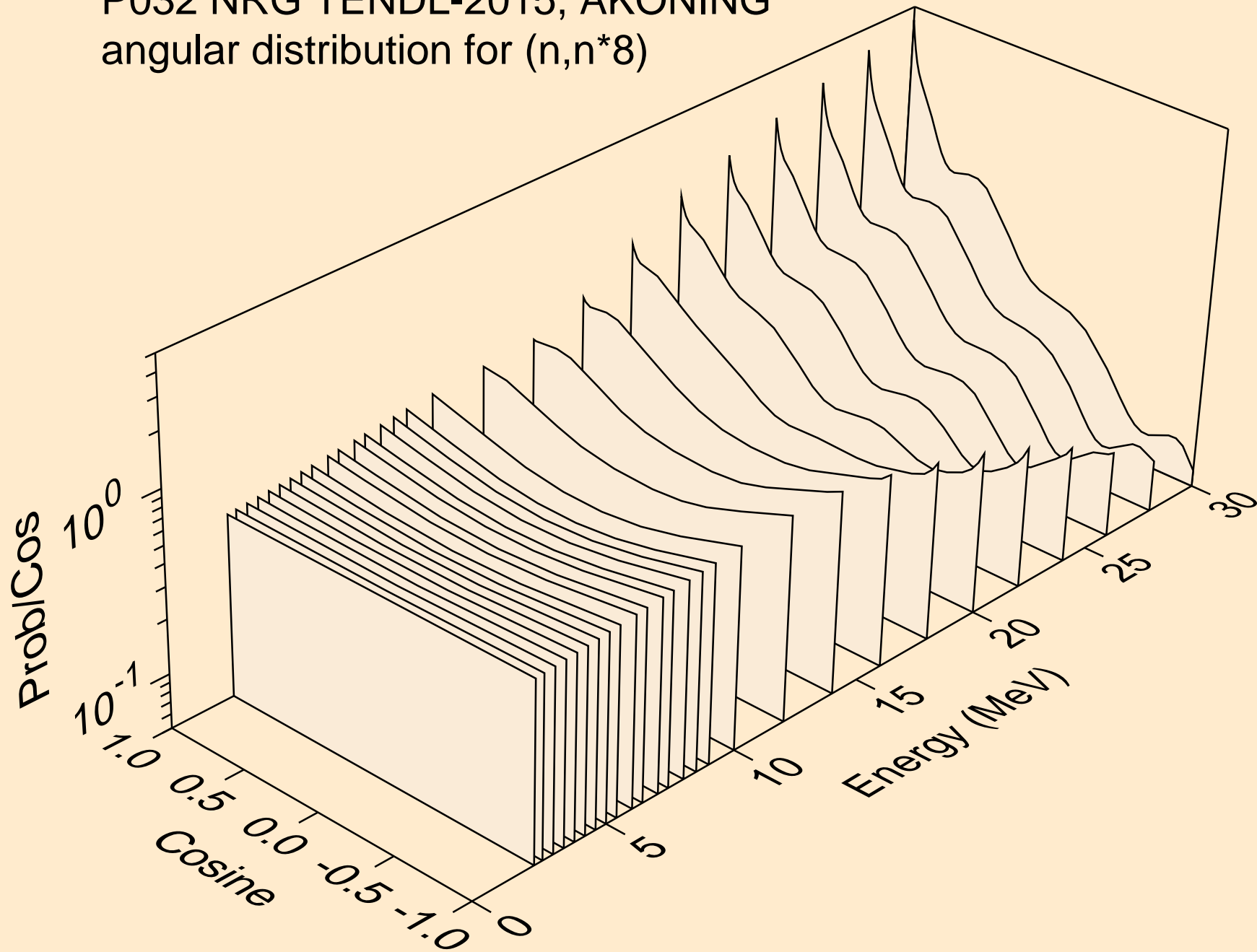




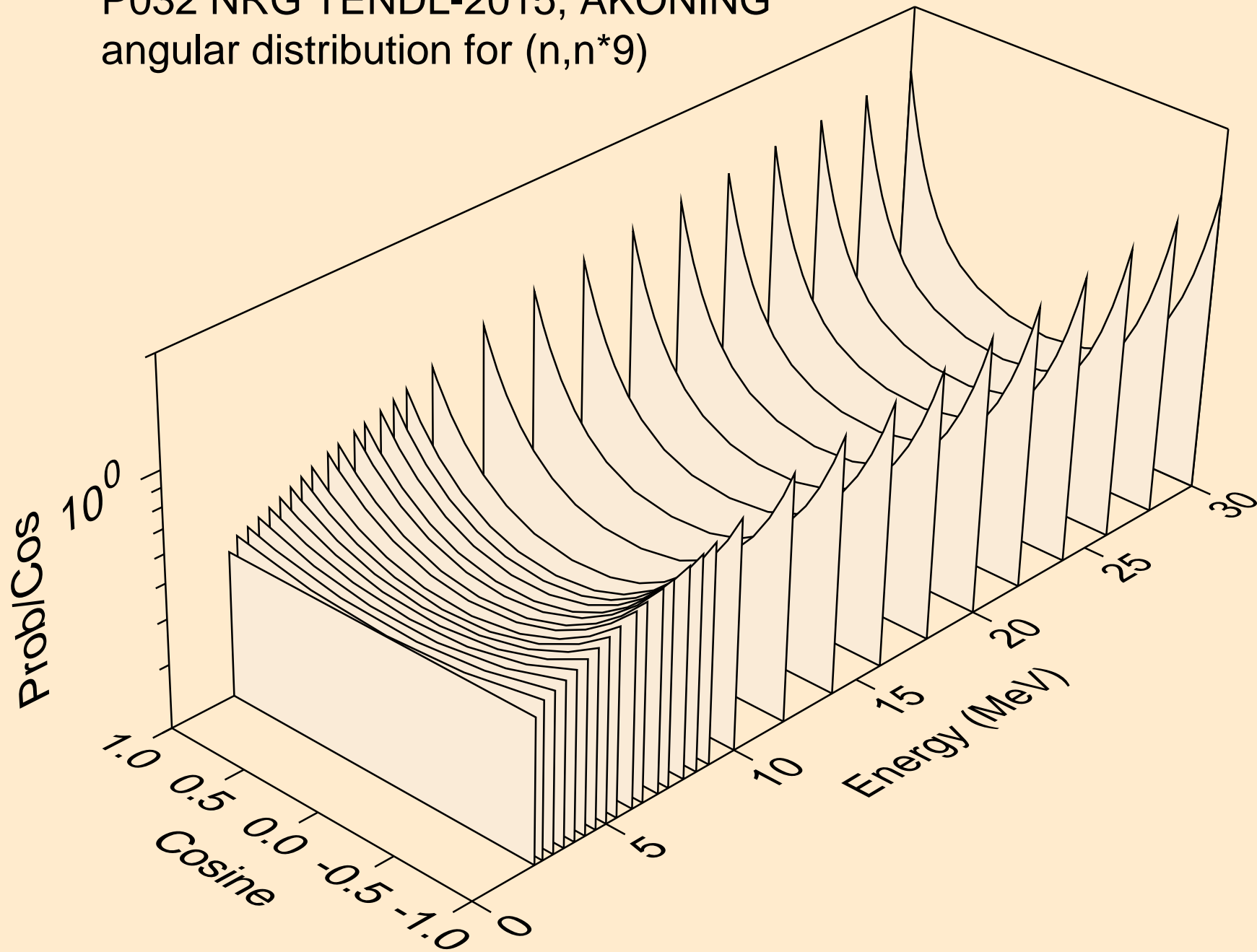
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angular distribution for (n,n\*7)



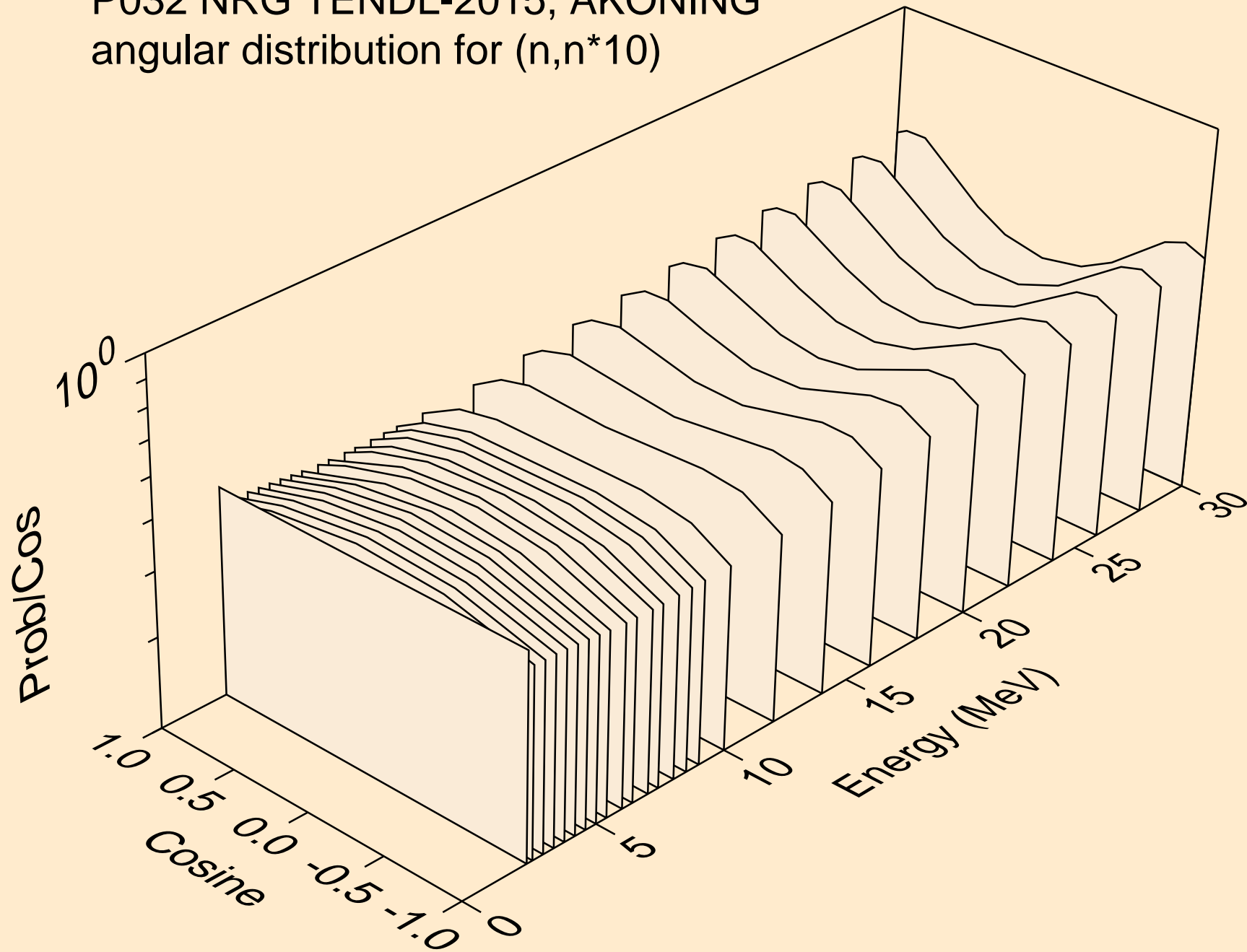
P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



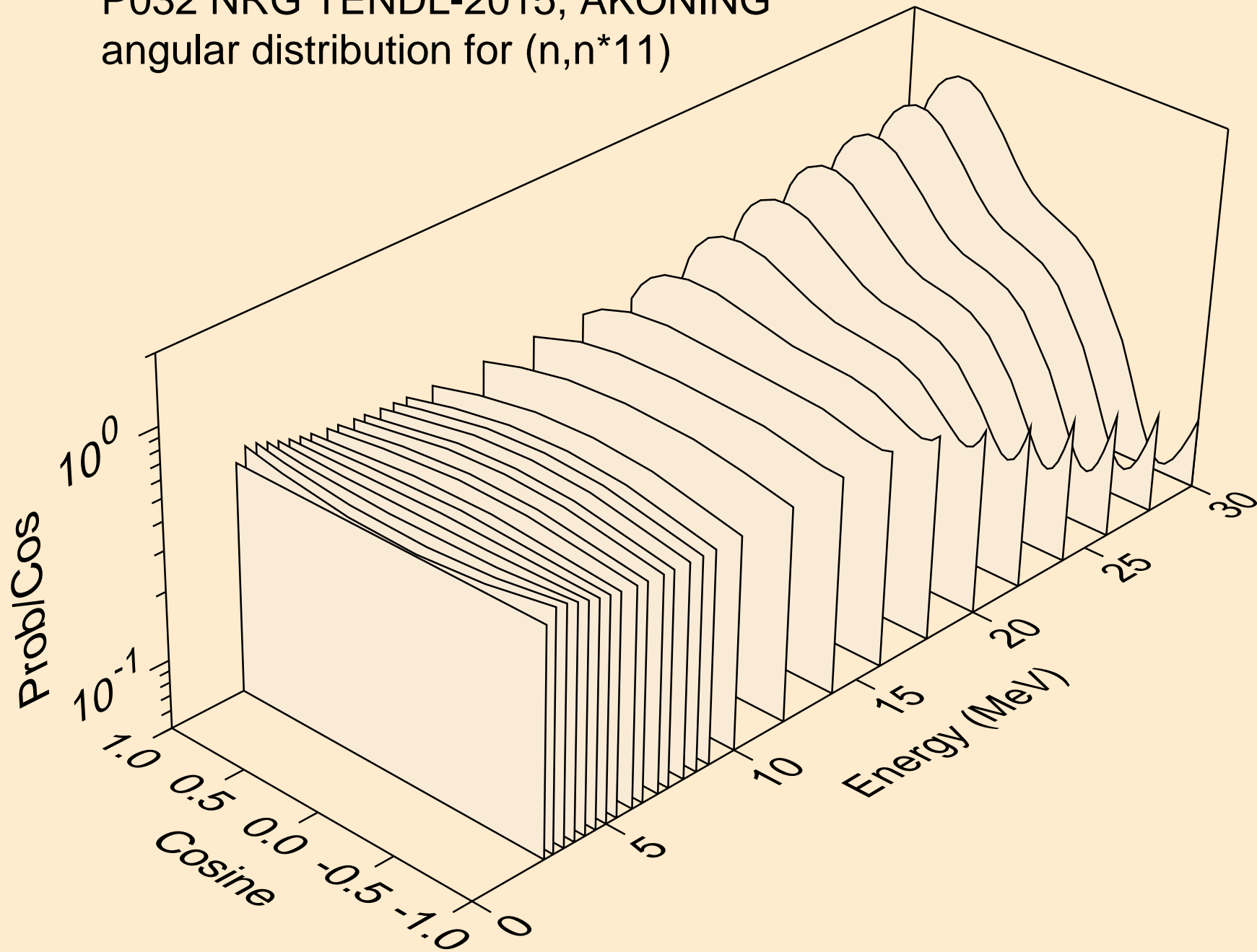
P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



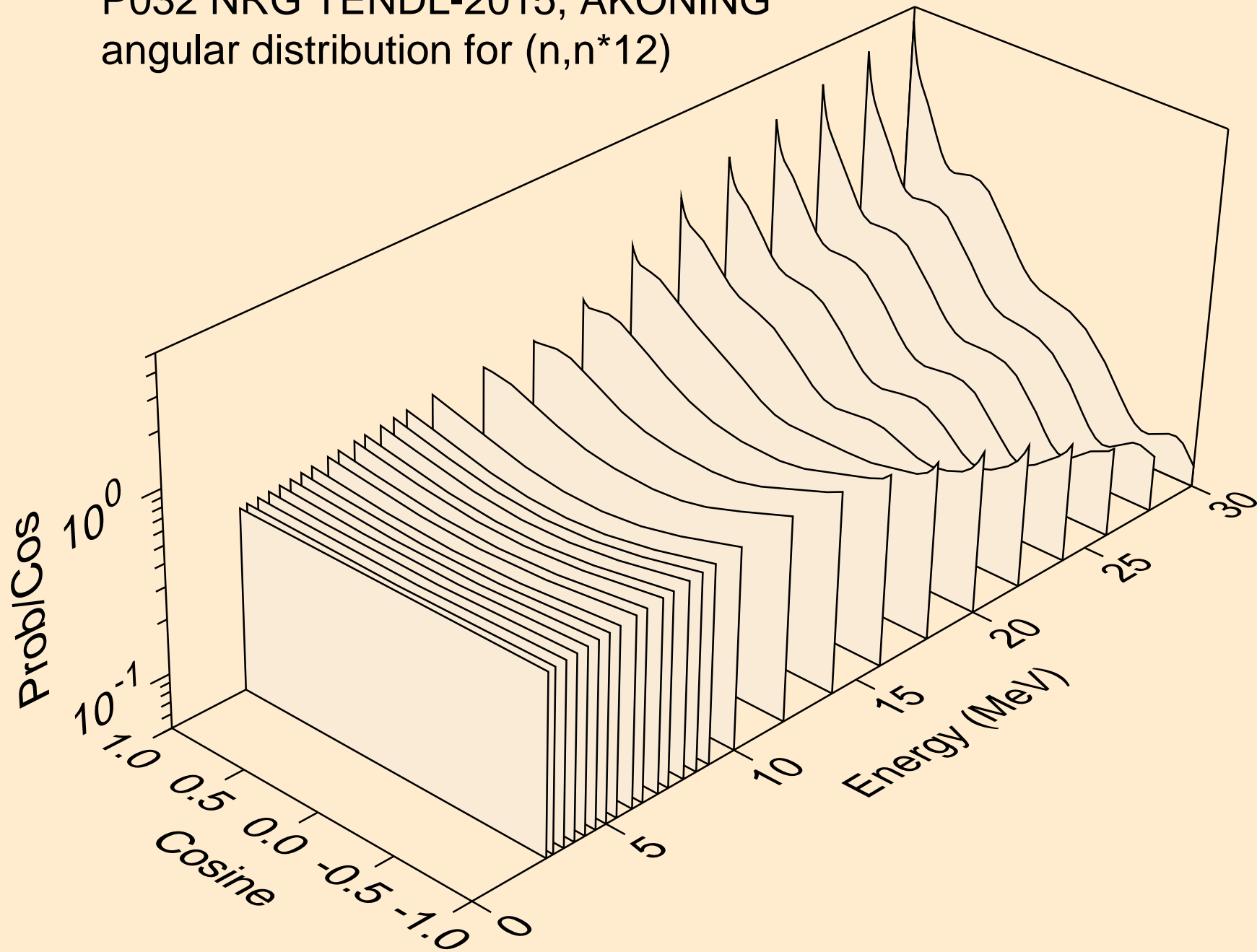
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angular distribution for (n,n\*10)



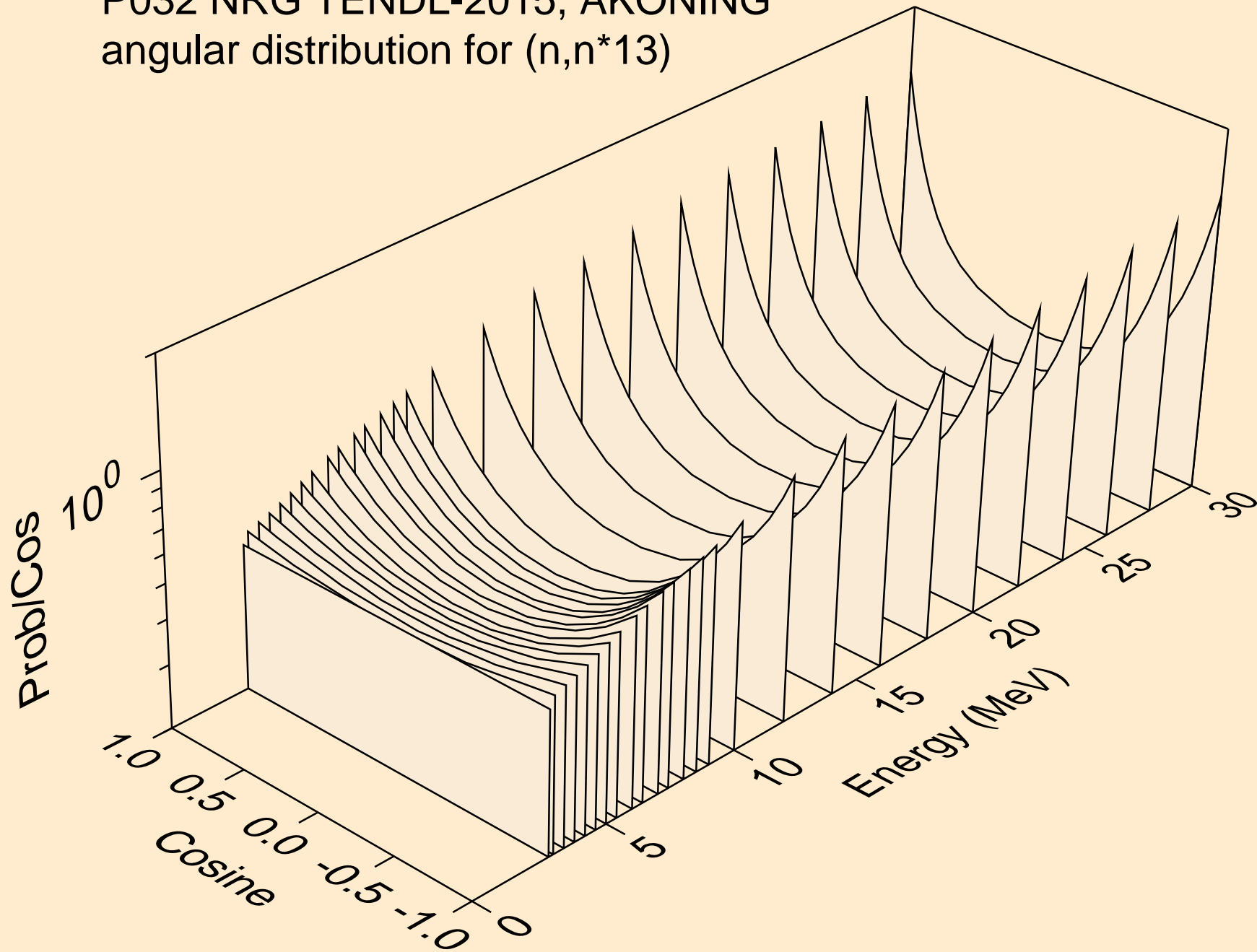
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angular distribution for (n,n\*11)



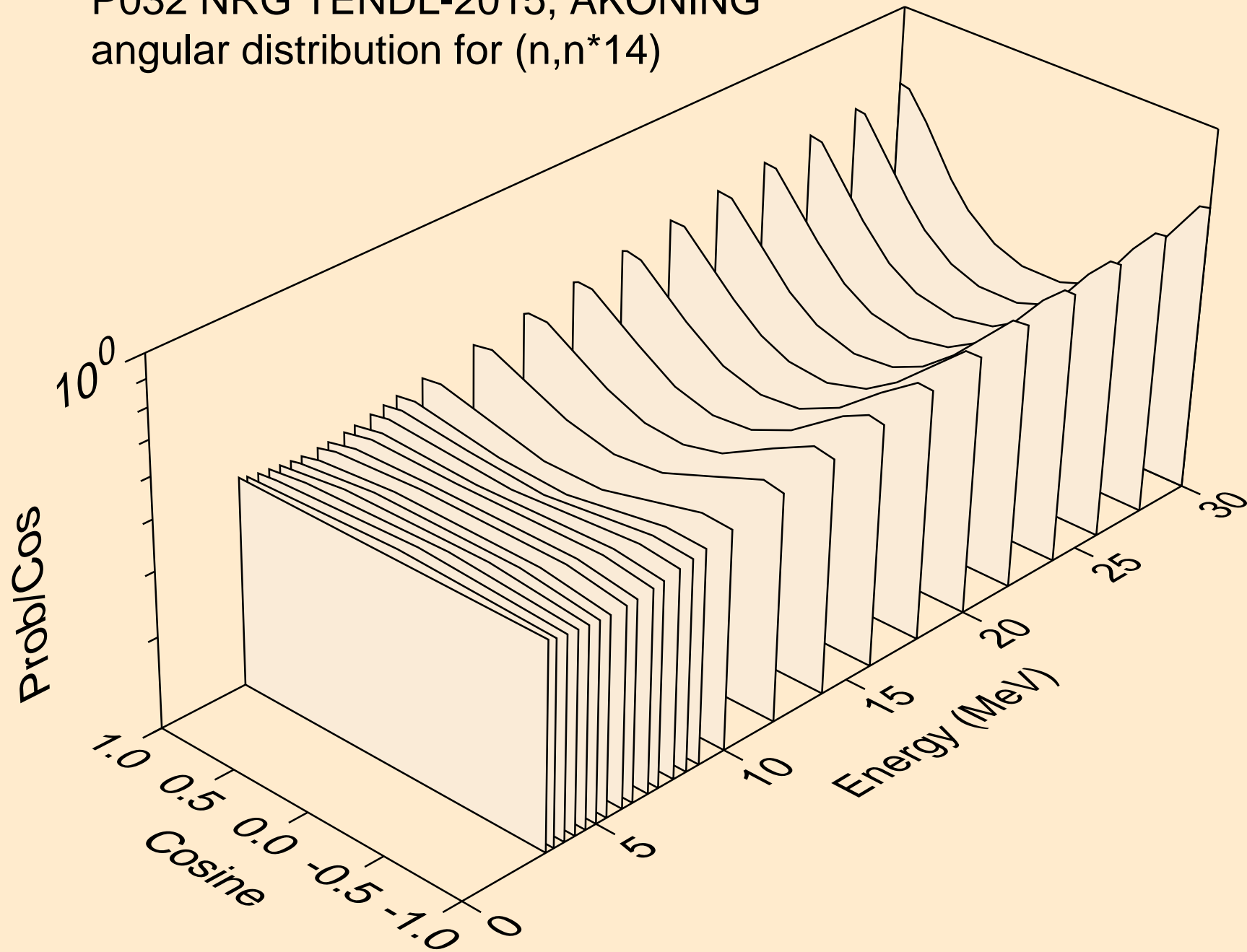
P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

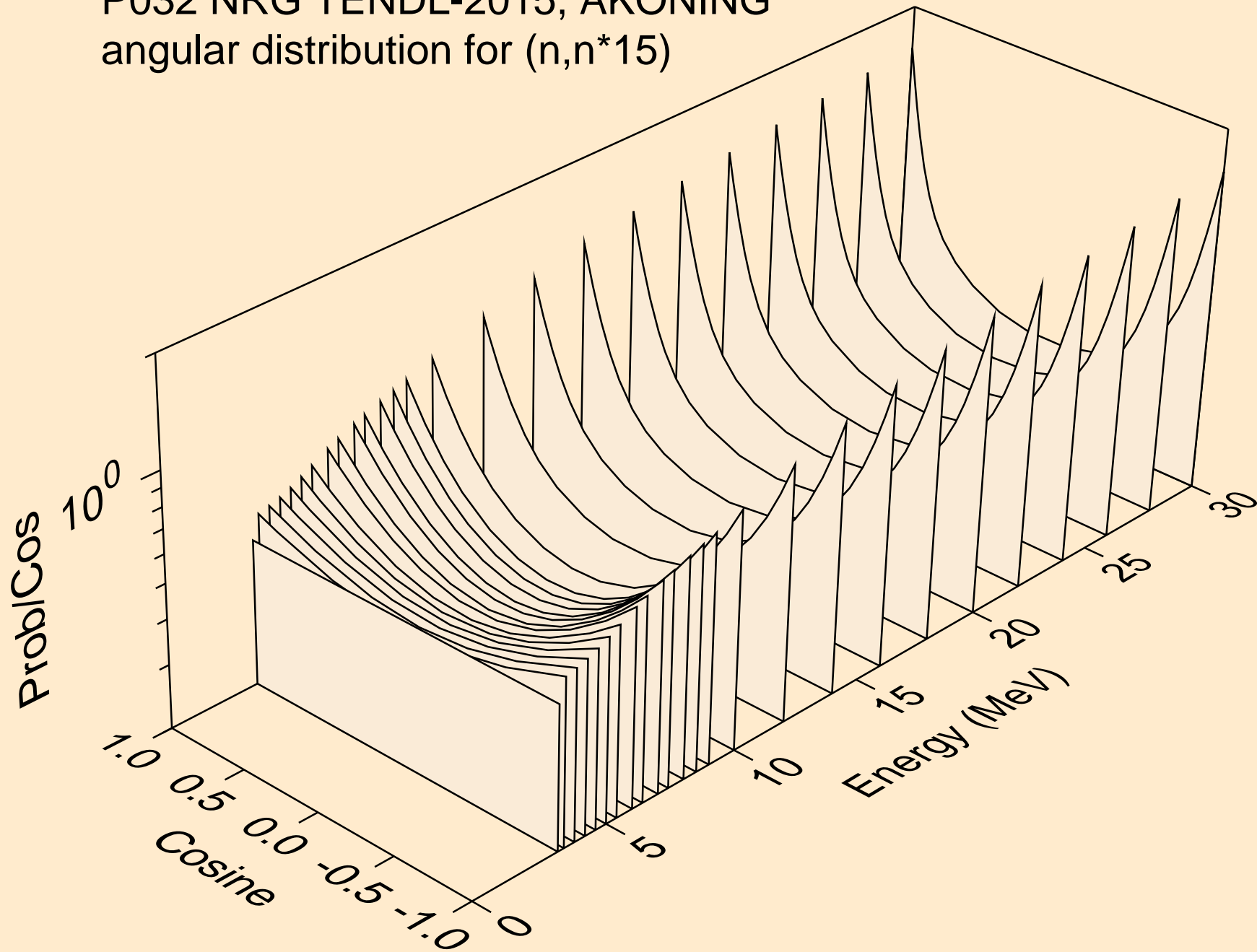


P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

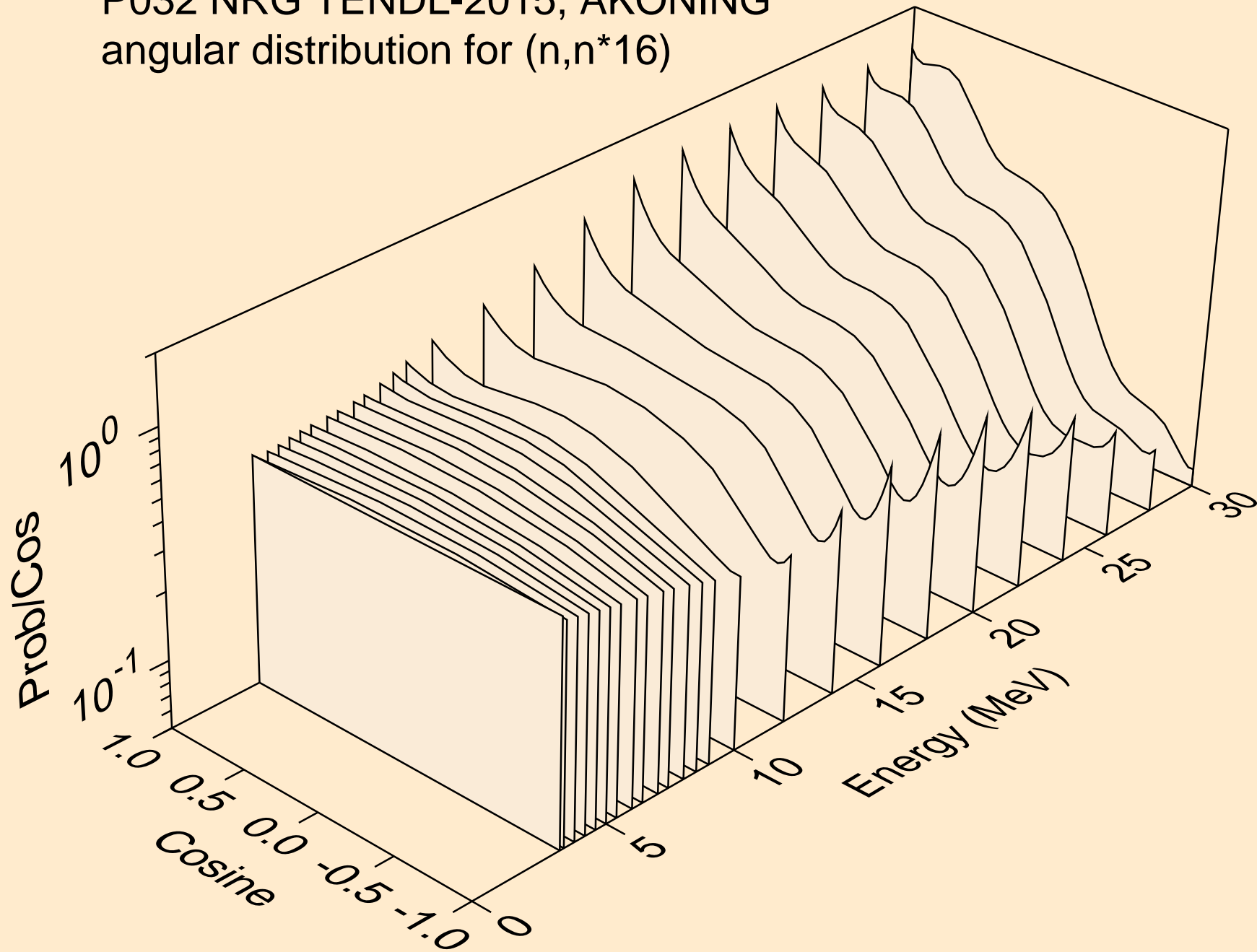




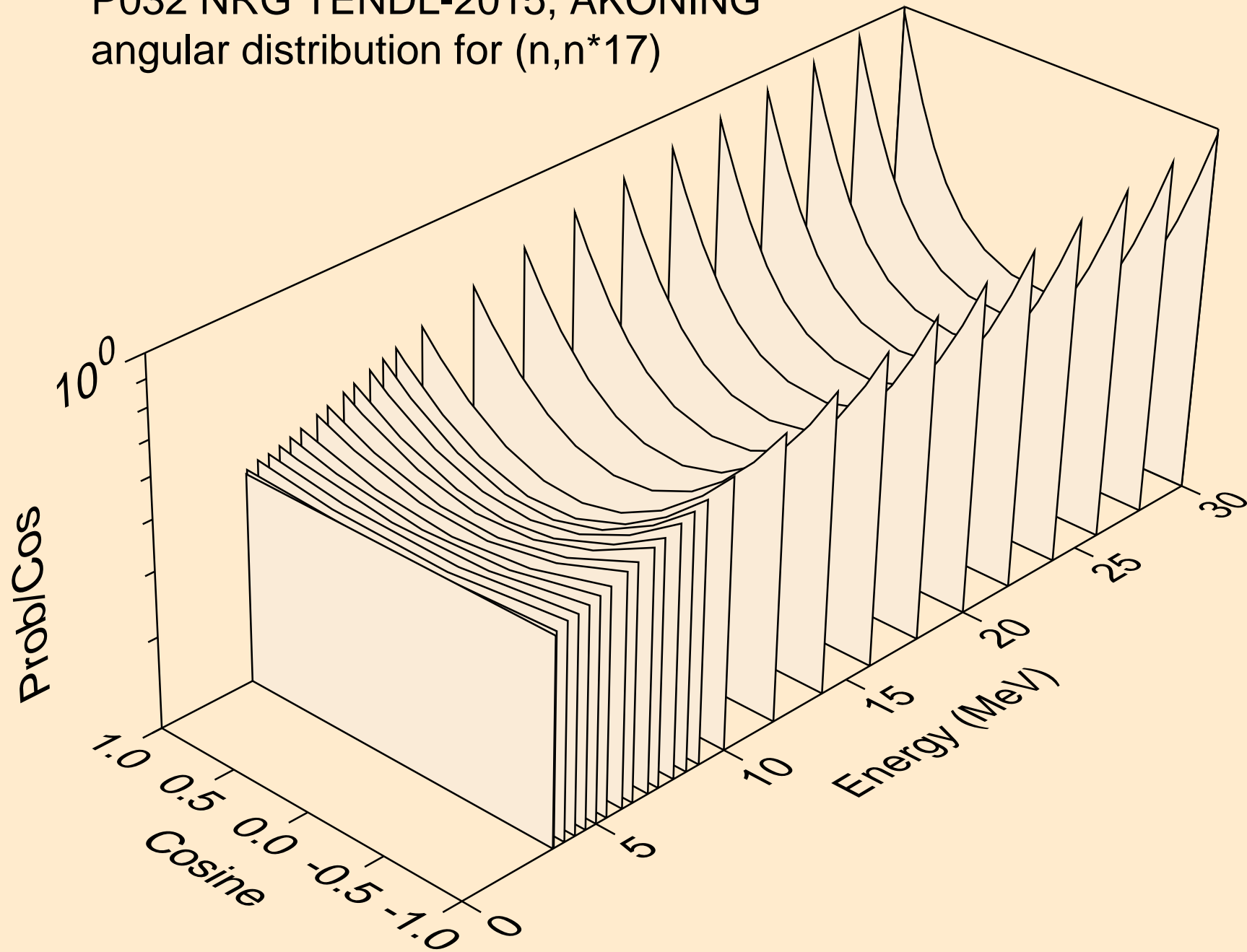
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angular distribution for (n,n\*15)



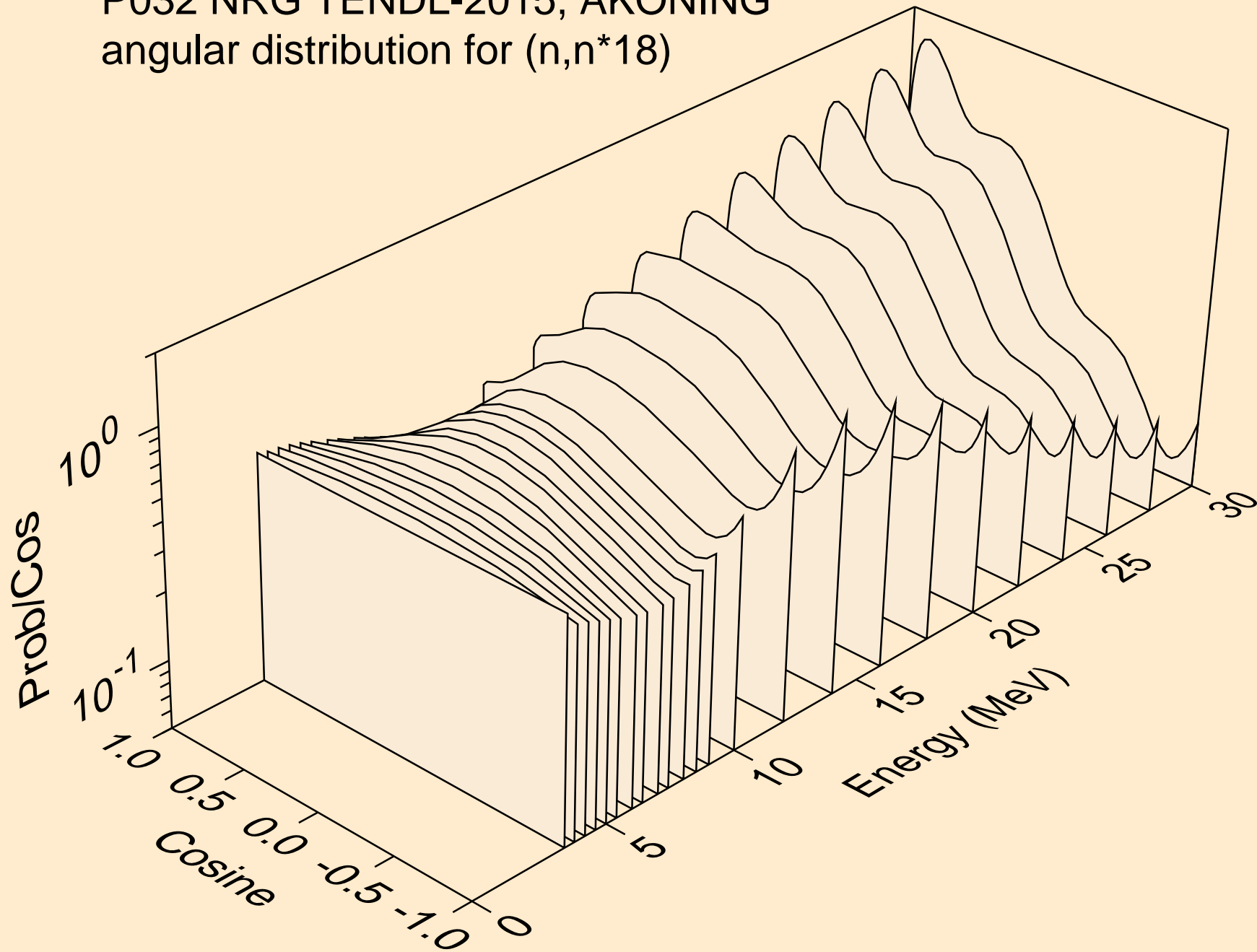
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angular distribution for (n,n\*16)



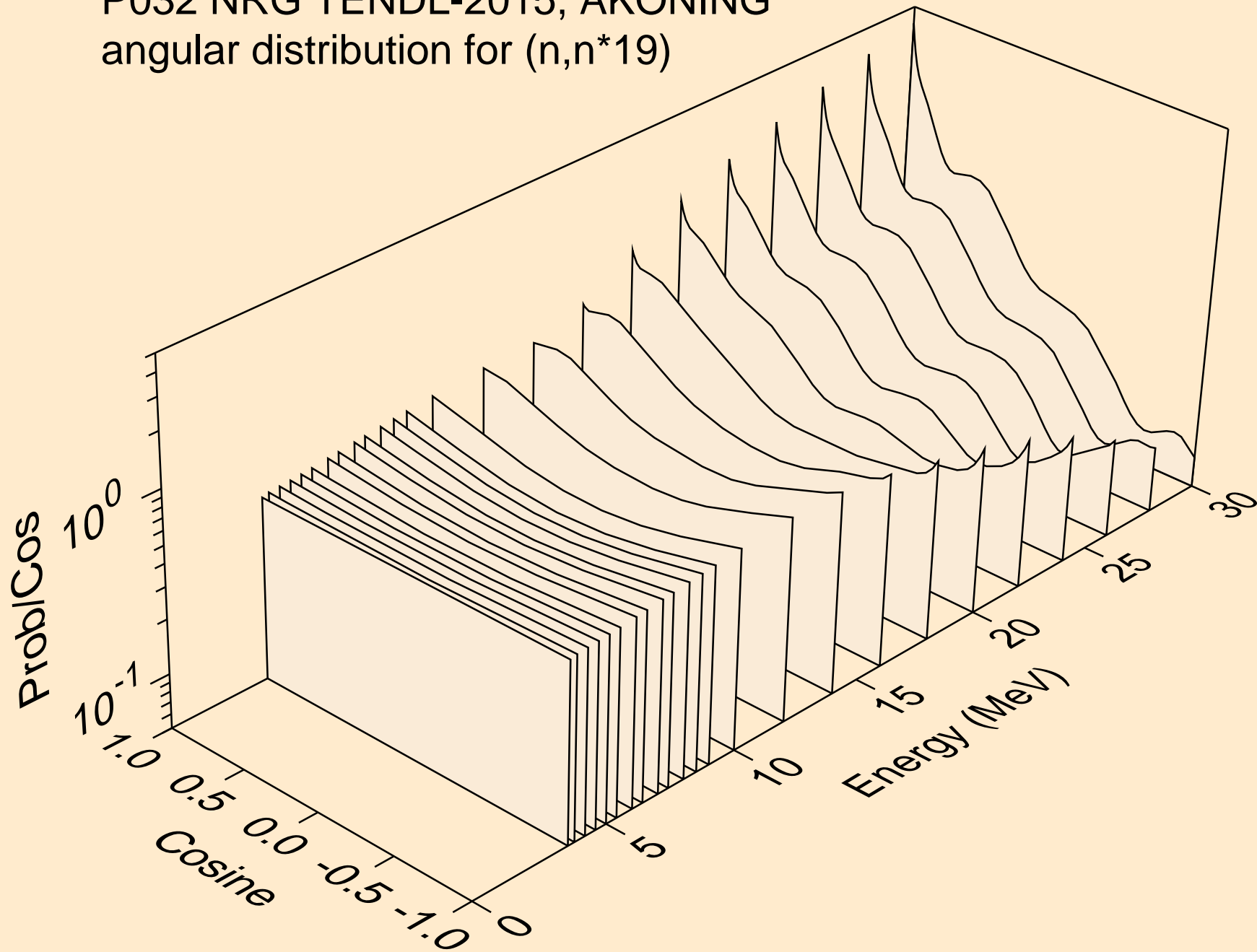
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angular distribution for (n,n\*17)



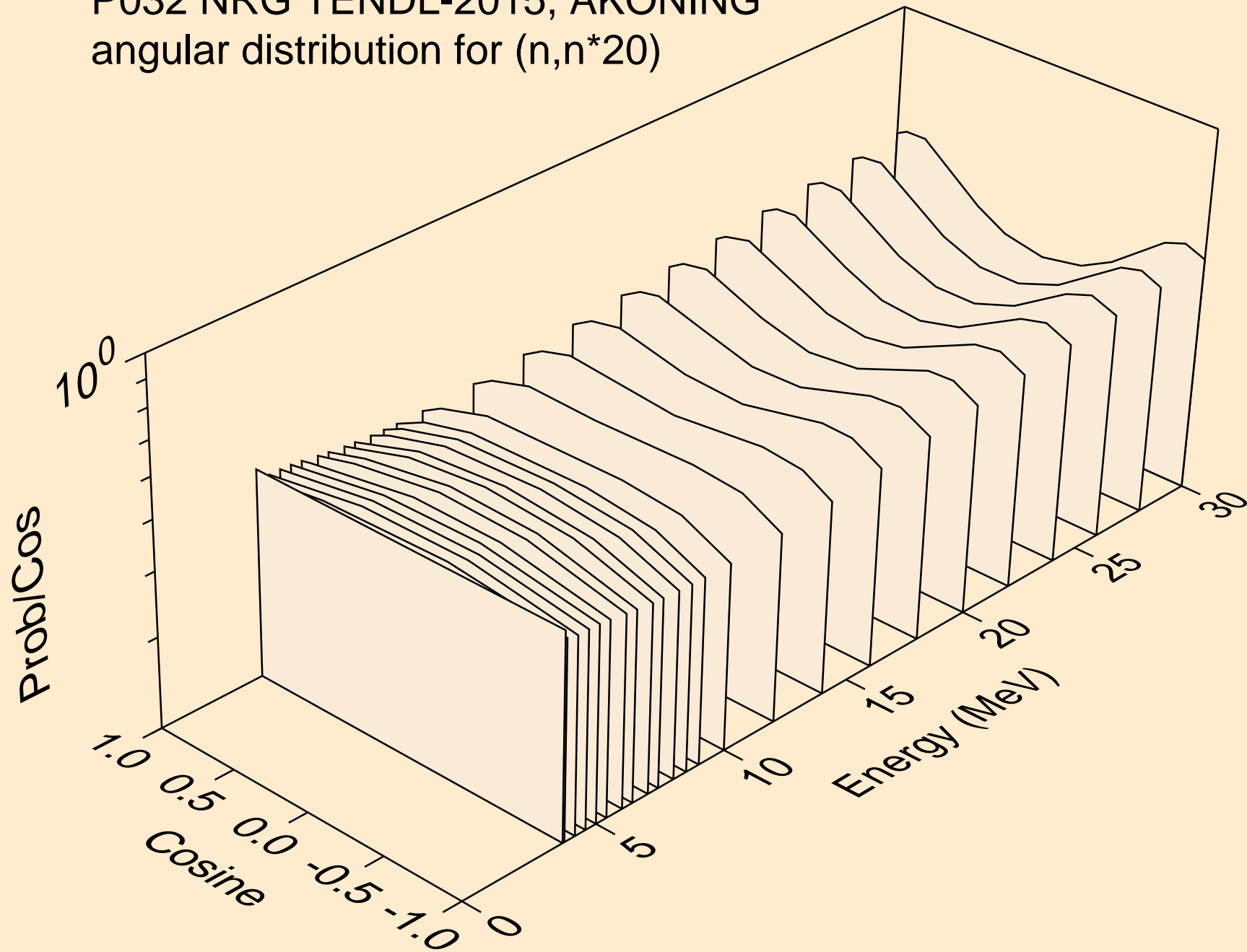
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angular distribution for (n,n\*18)



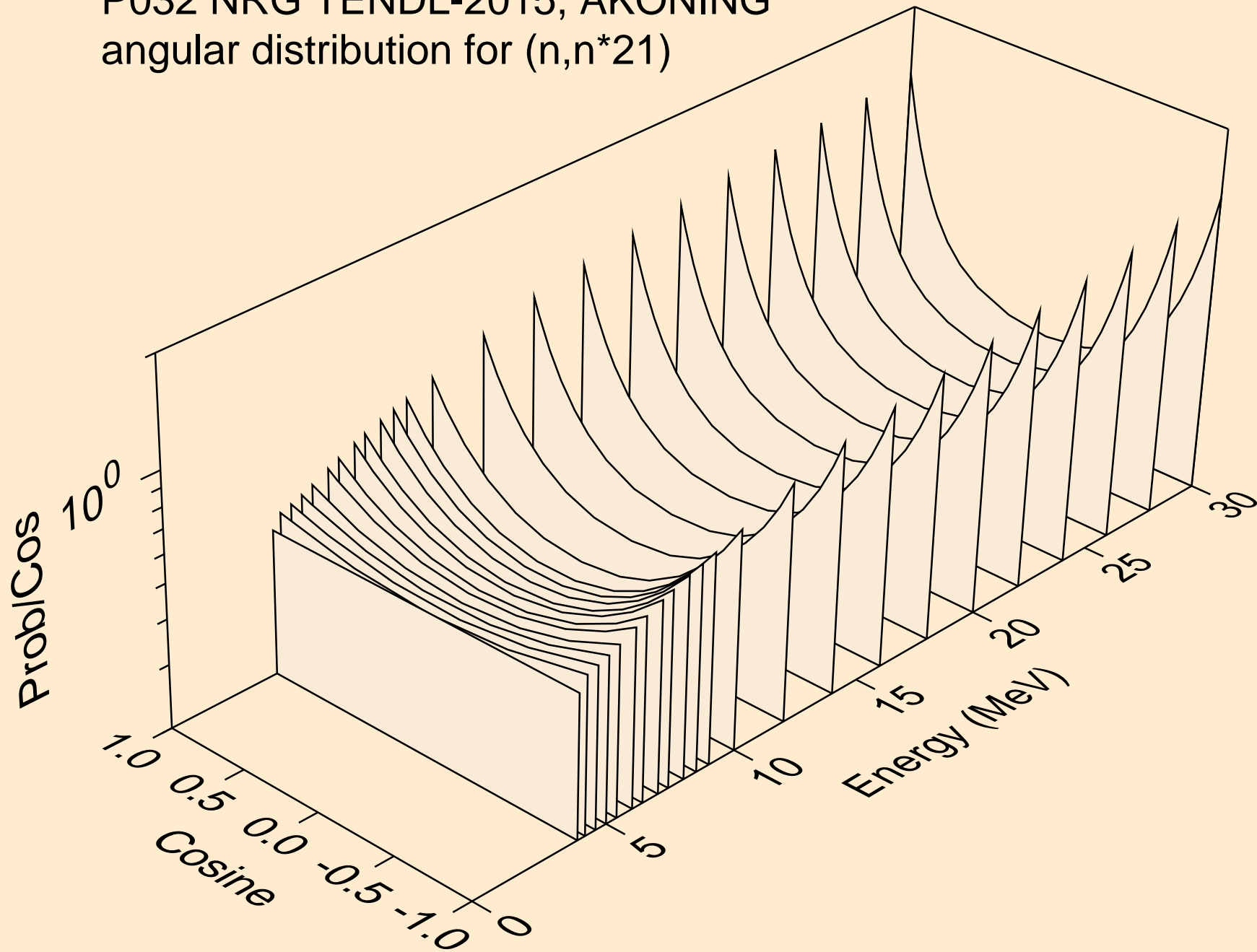
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angular distribution for (n,n\*19)



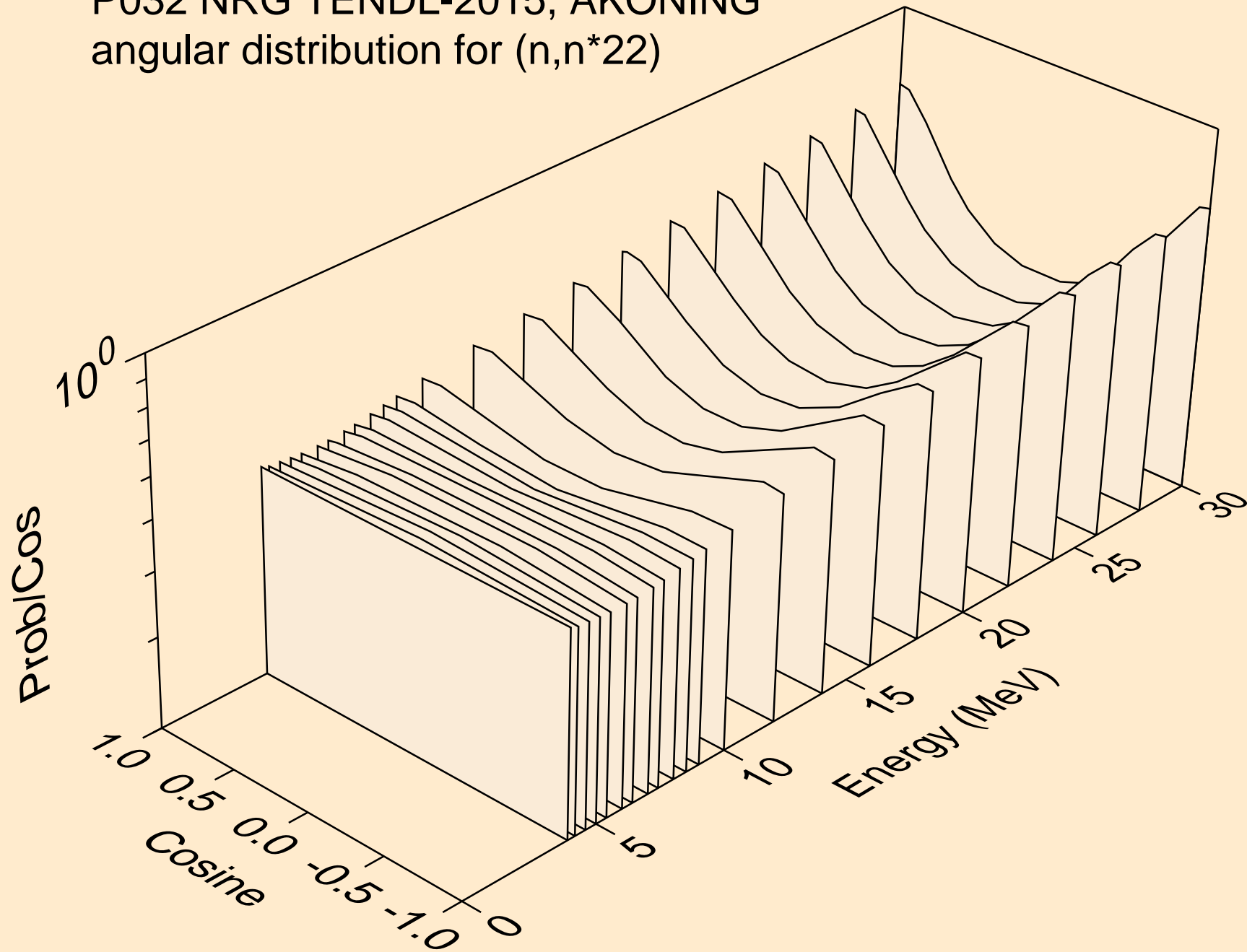
P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

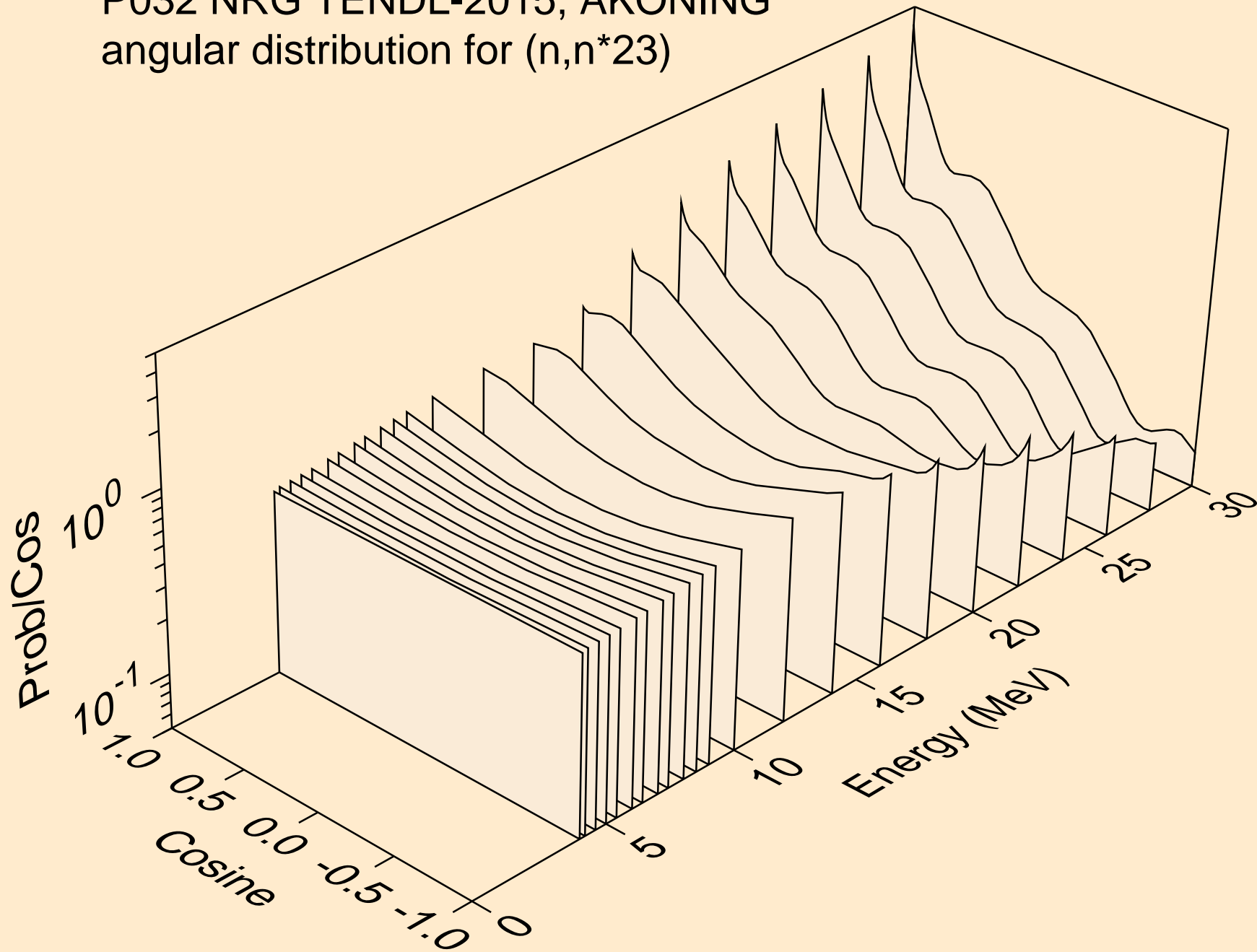


P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

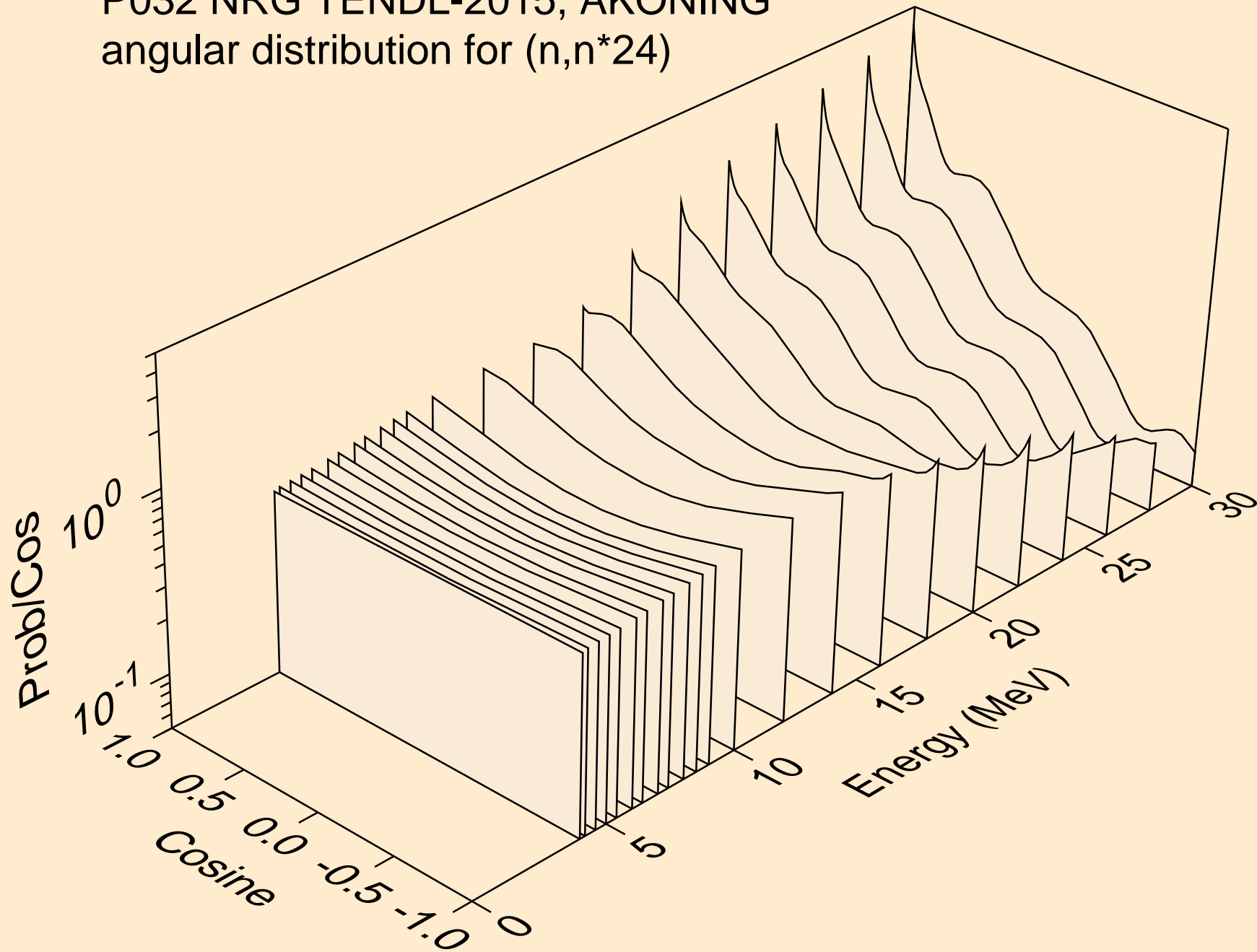




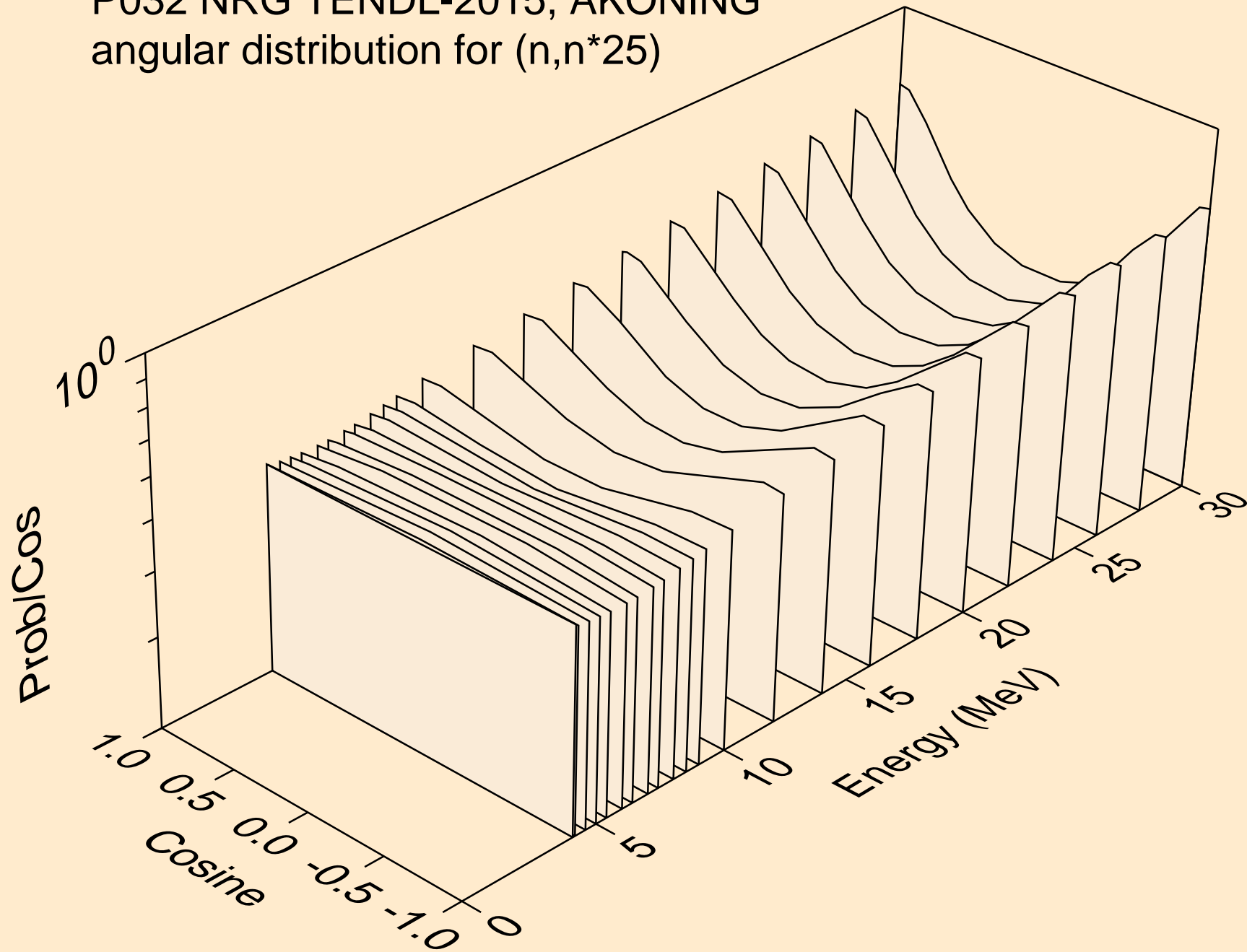
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angular distribution for (n,n\*23)



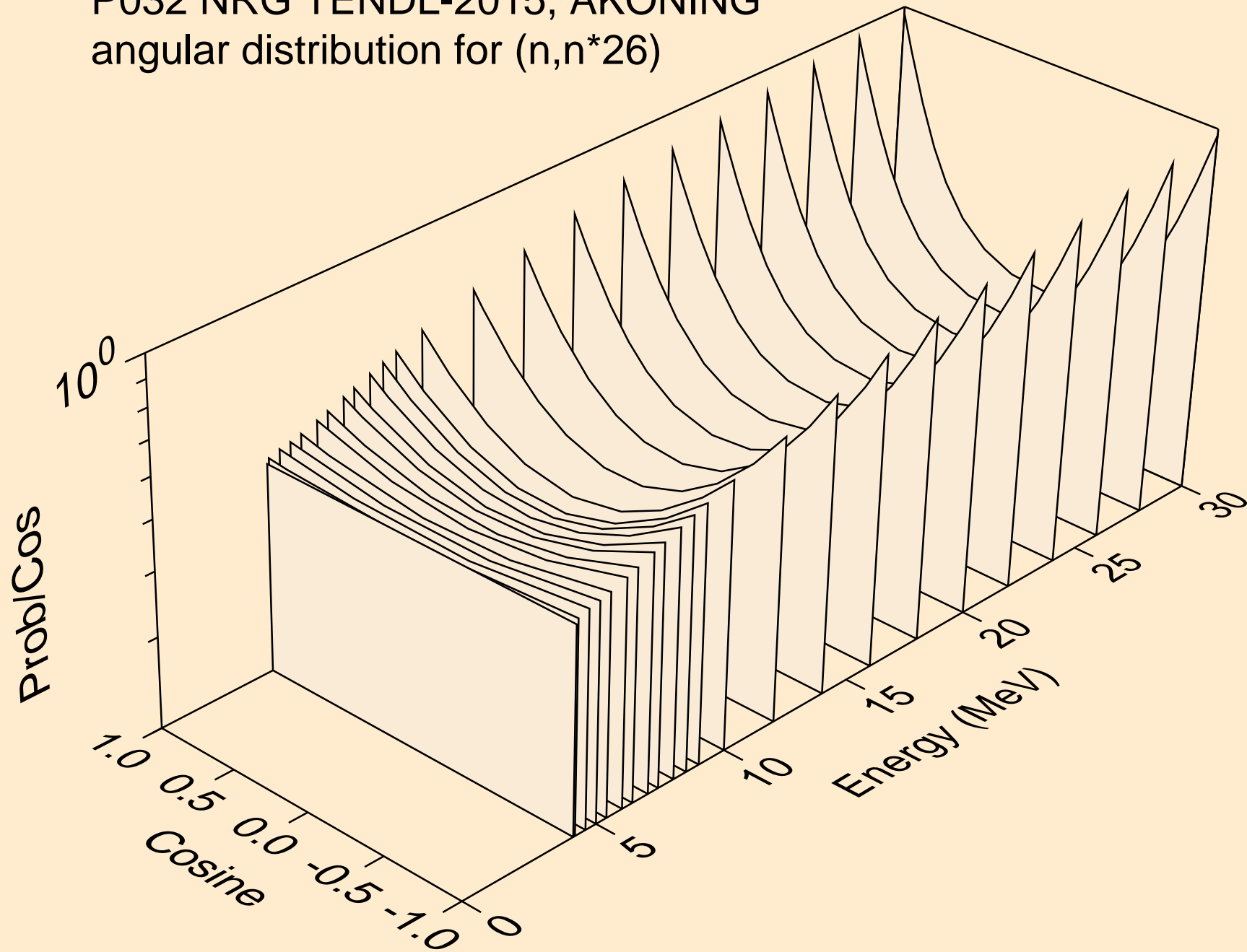
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angular distribution for (n,n\*24)



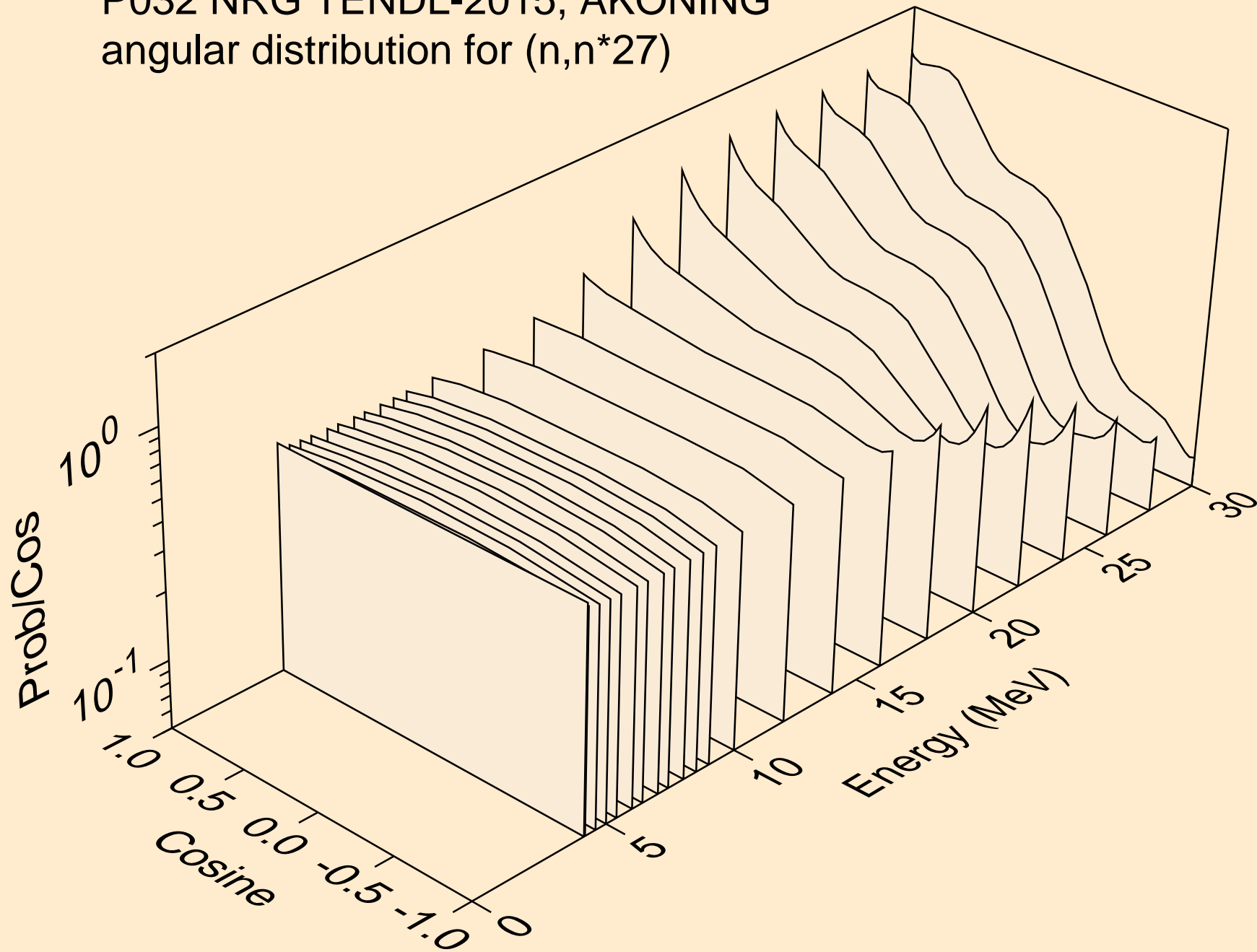
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angular distribution for (n,n\*25)



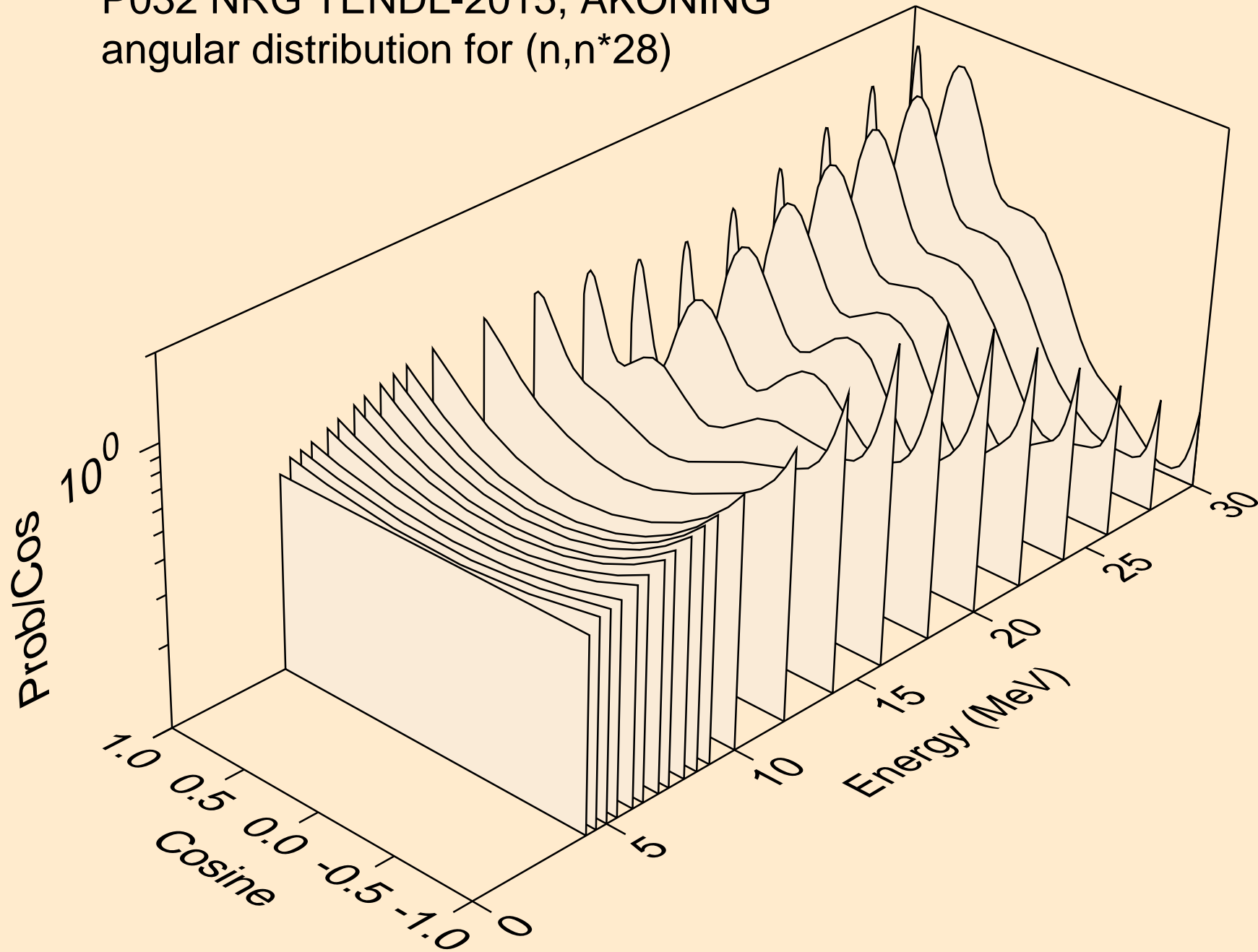
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angular distribution for (n,n\*26)



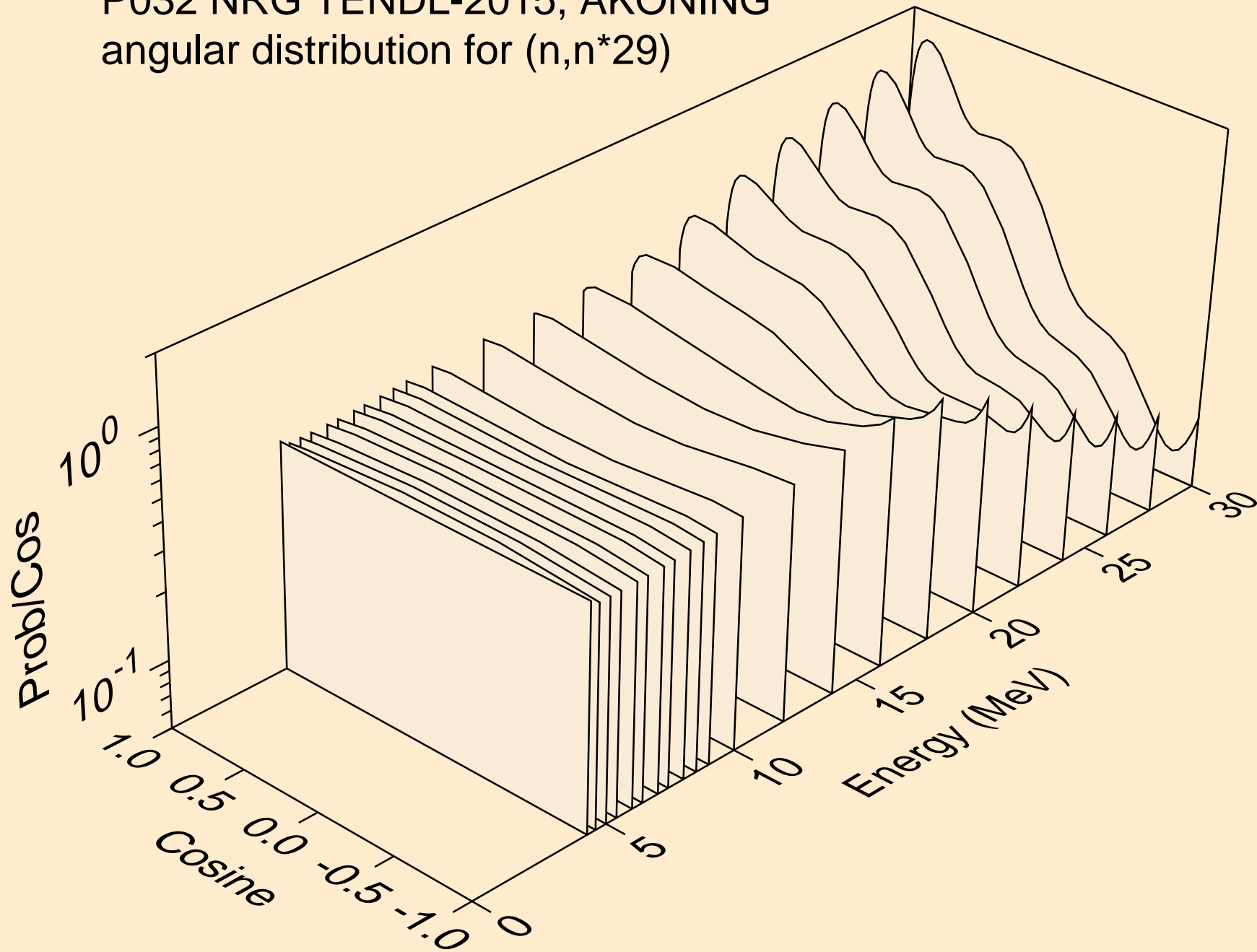
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angular distribution for (n,n\*27)



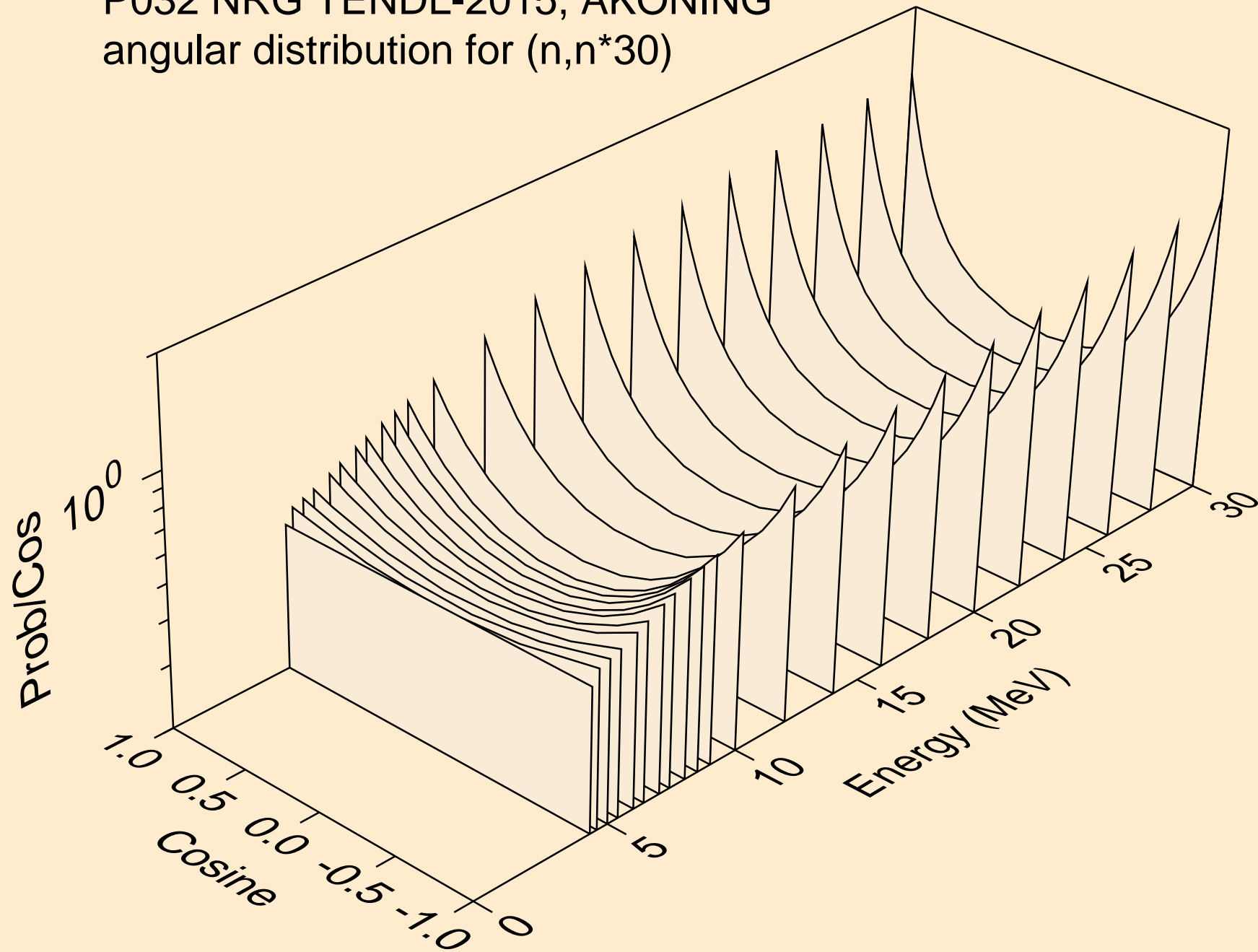
P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

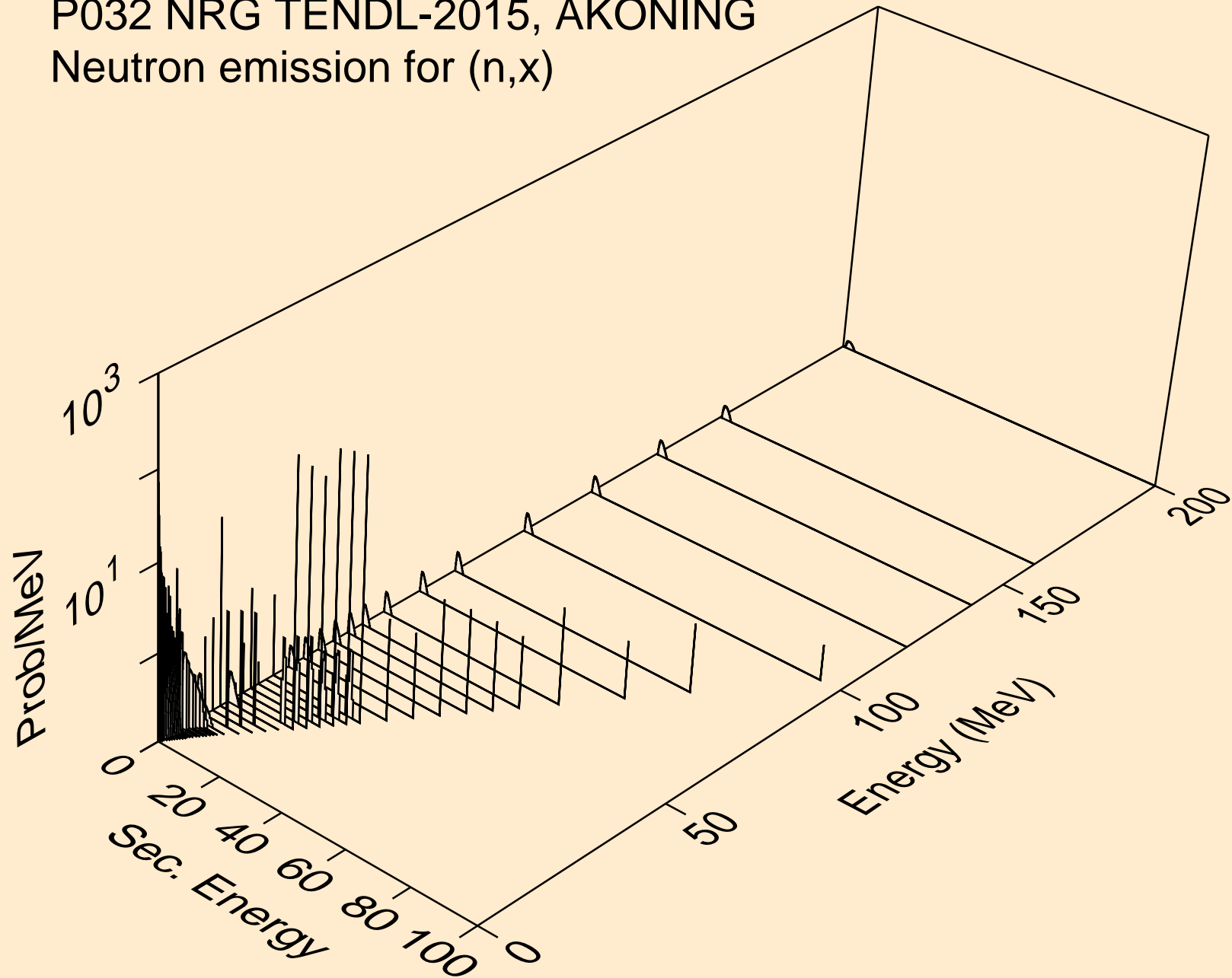


P032 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

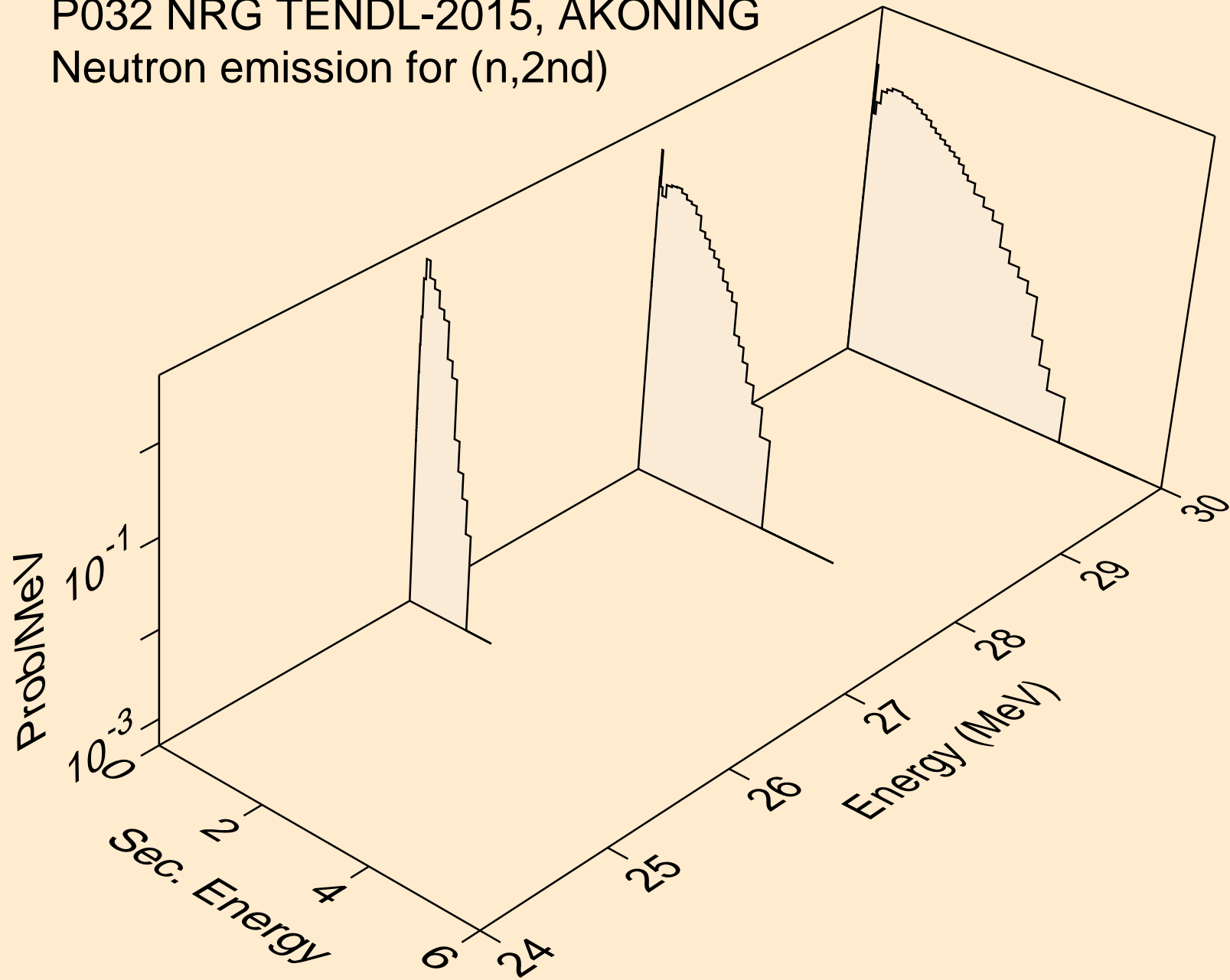




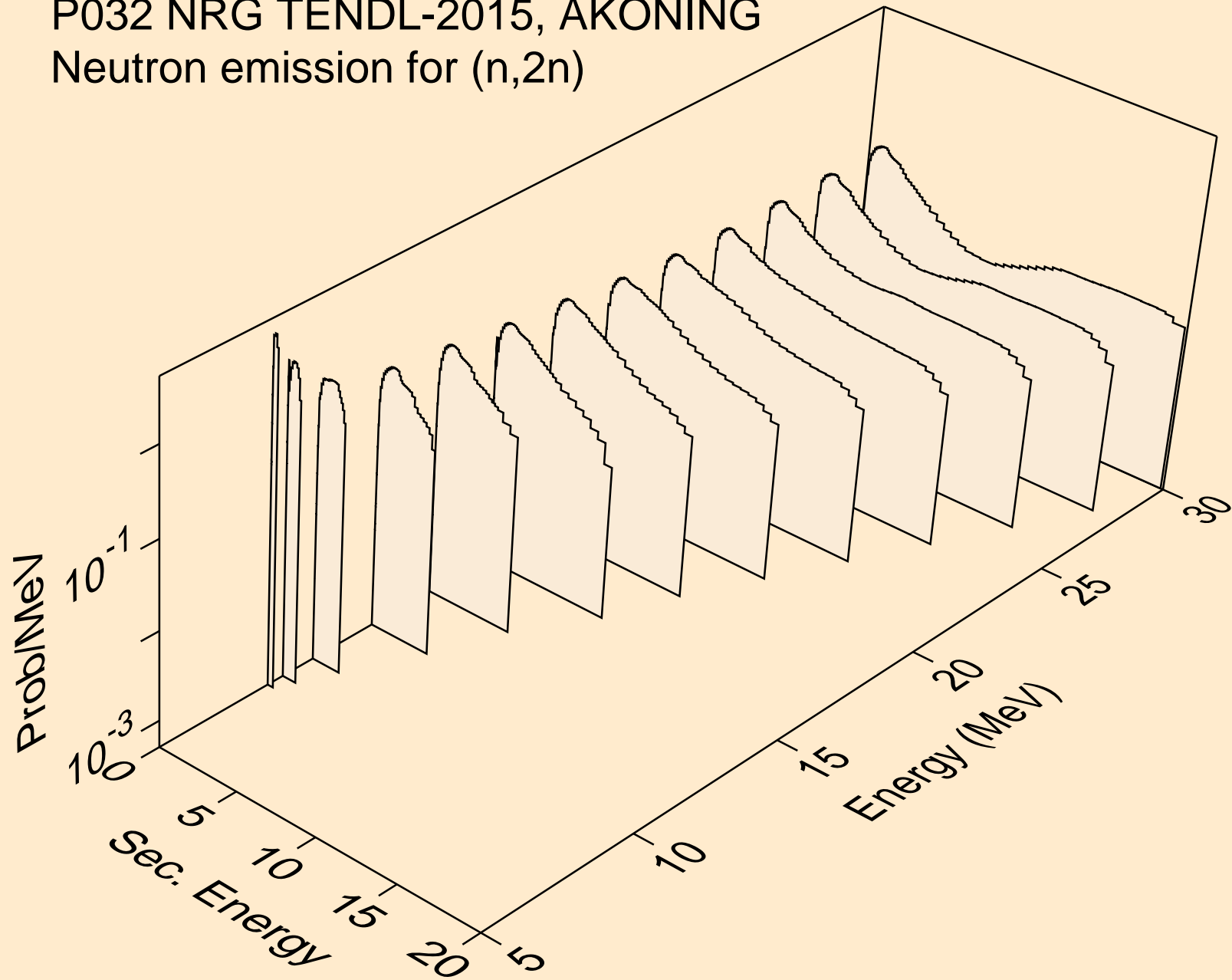
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



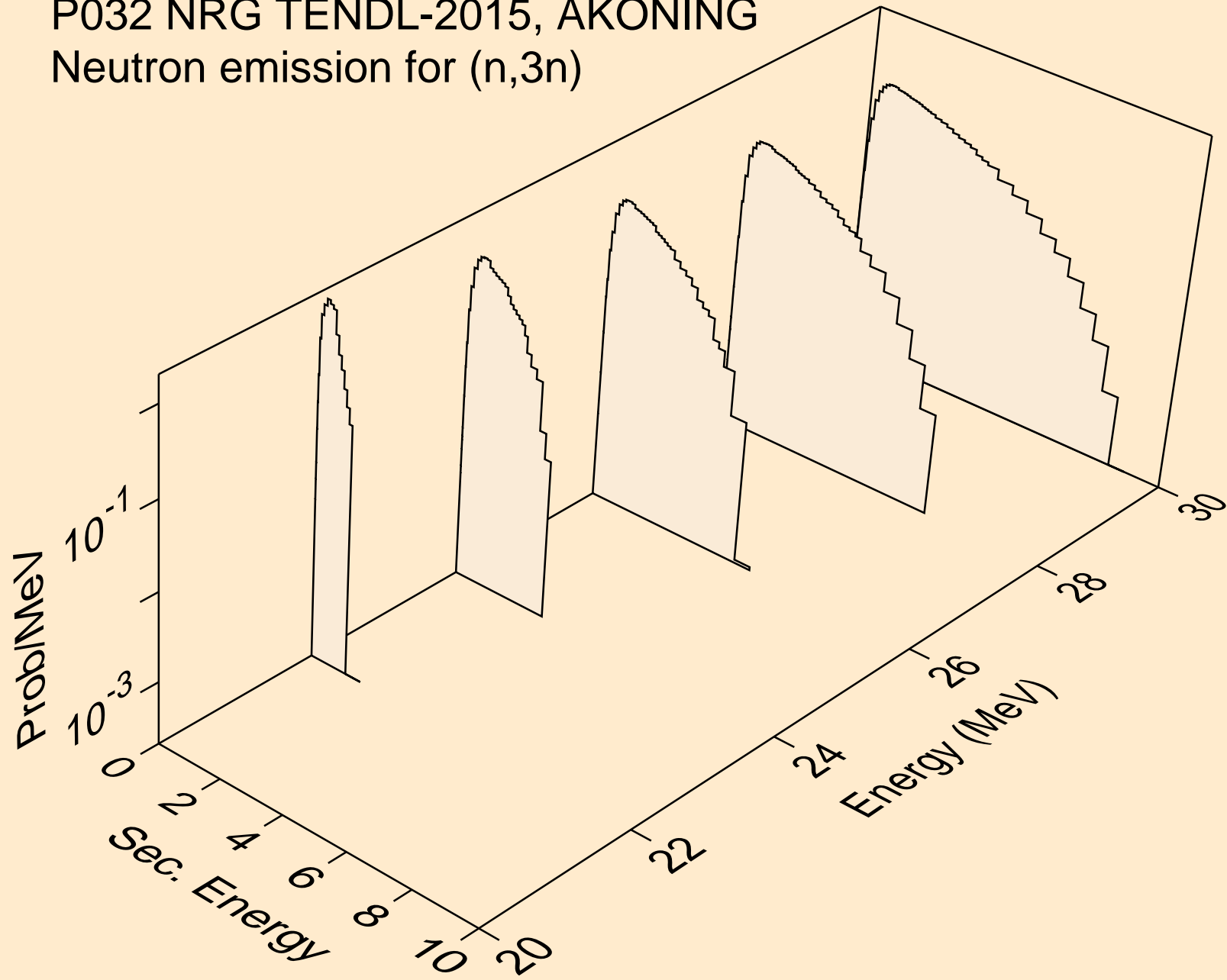
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



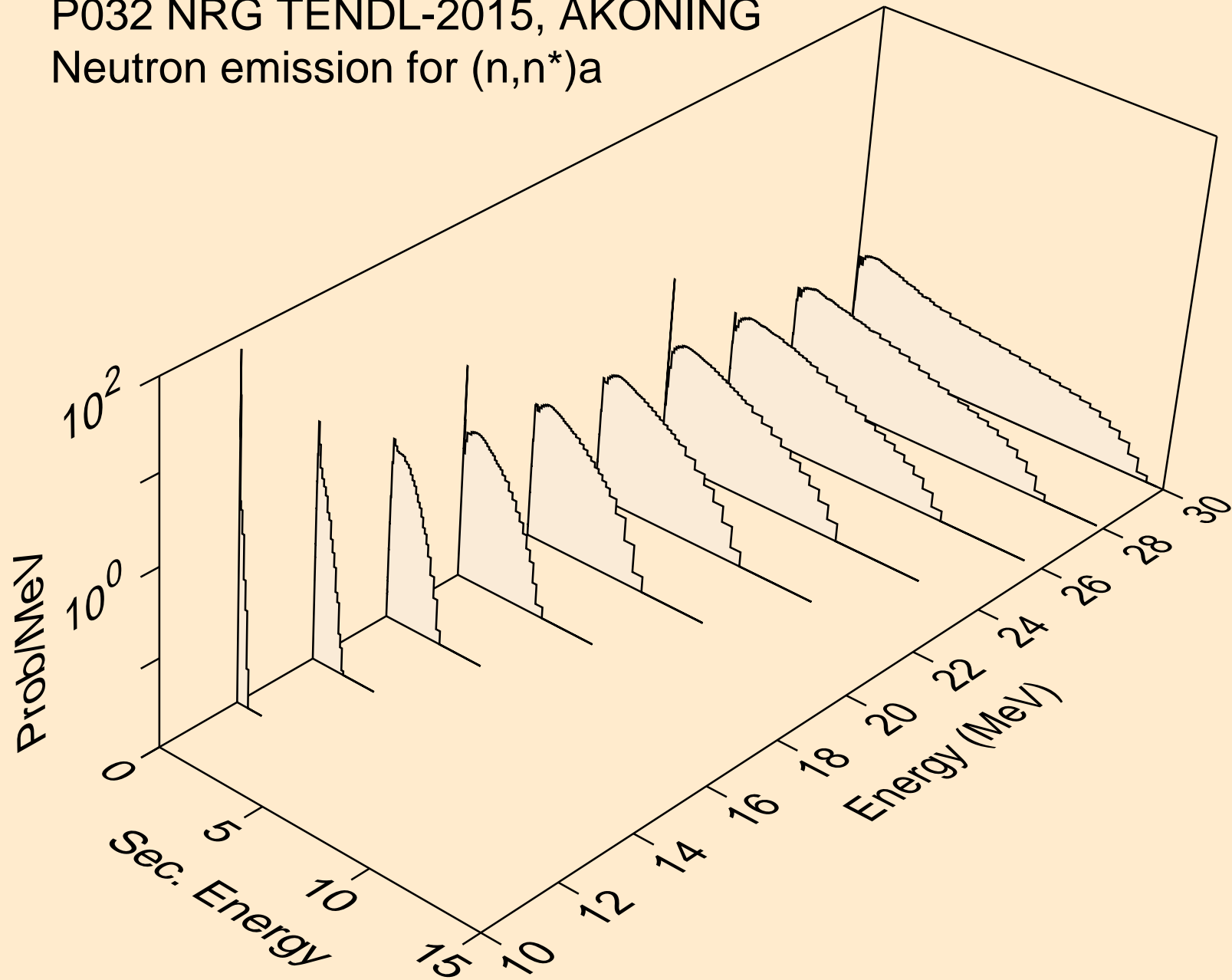
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



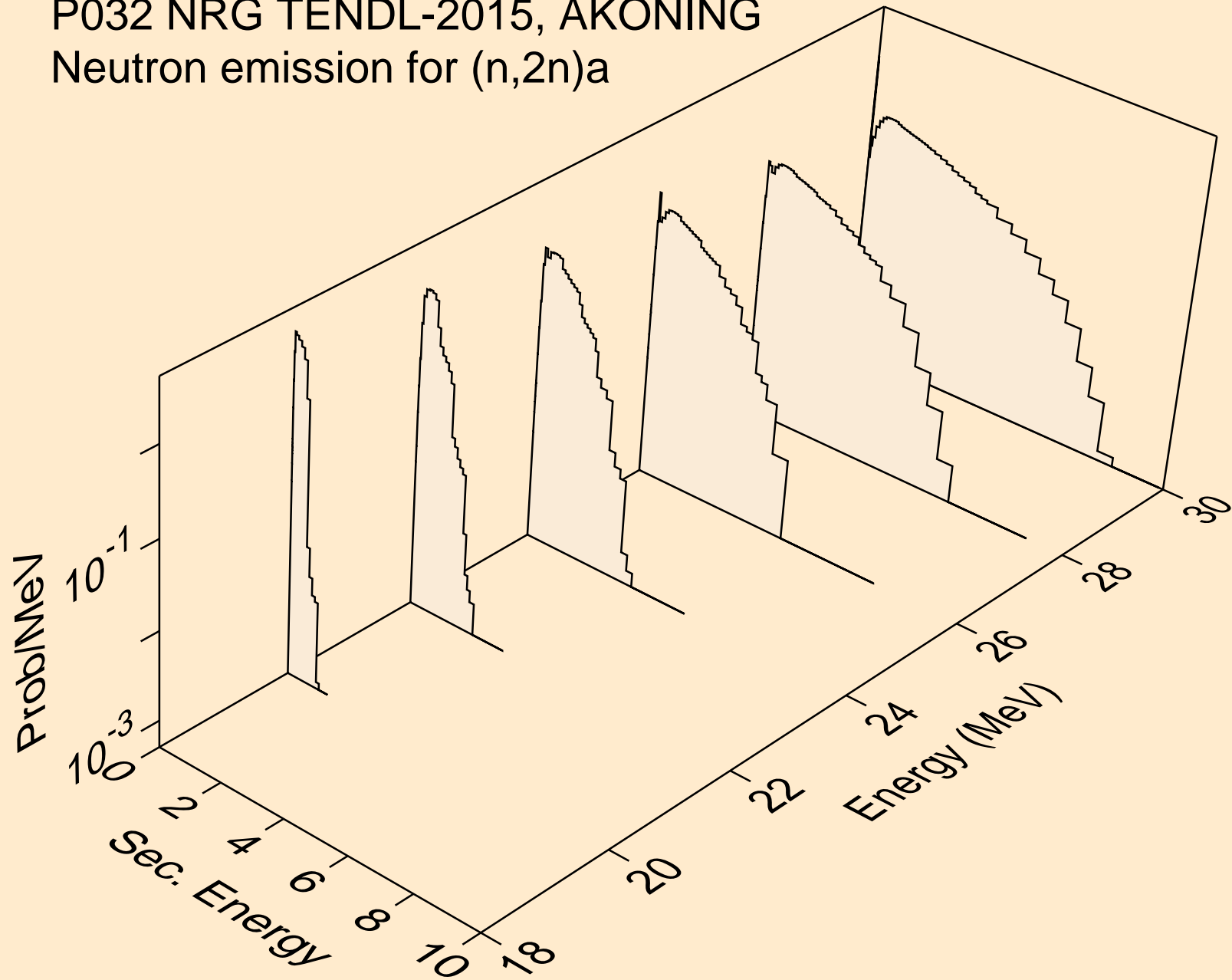
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



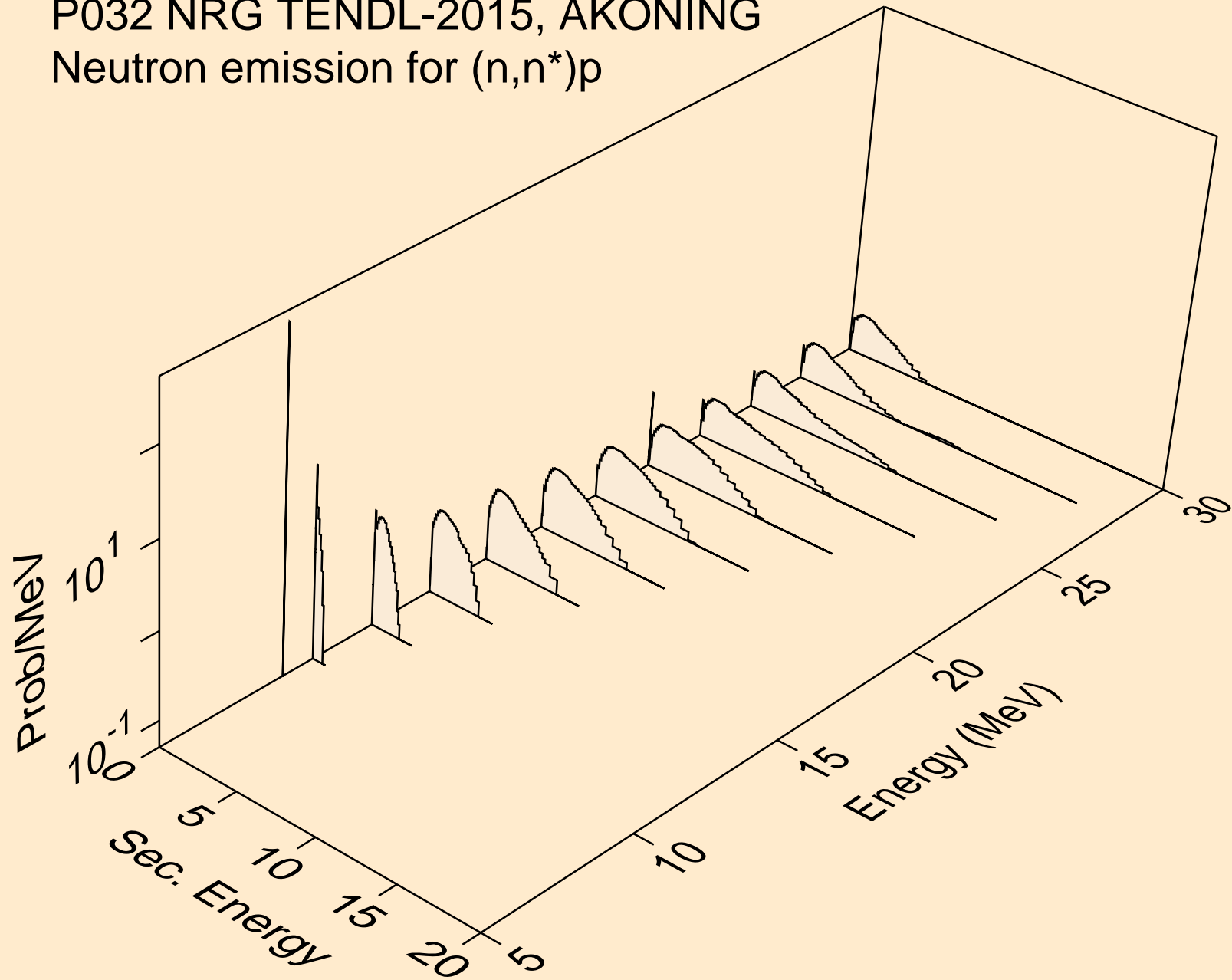
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



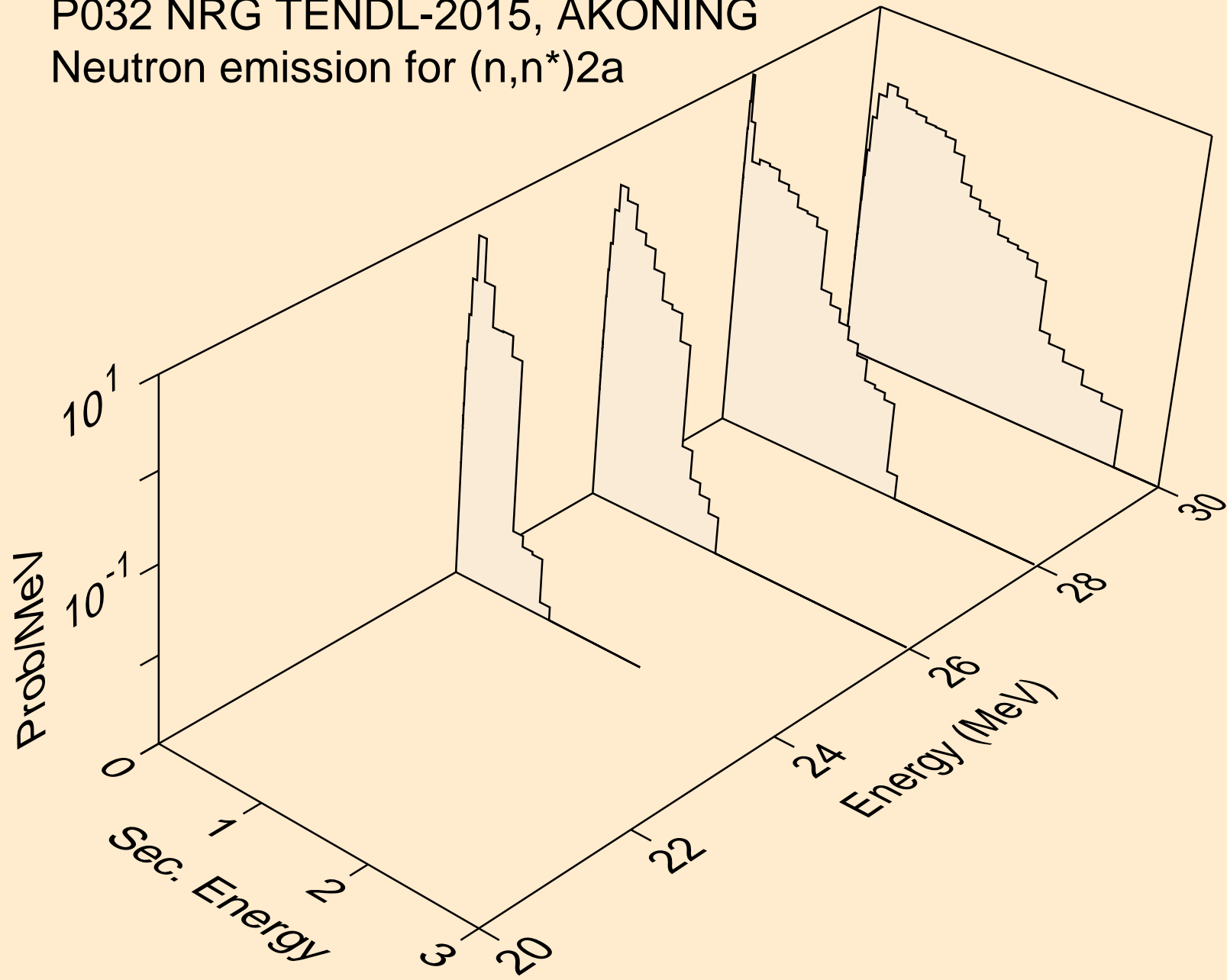
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

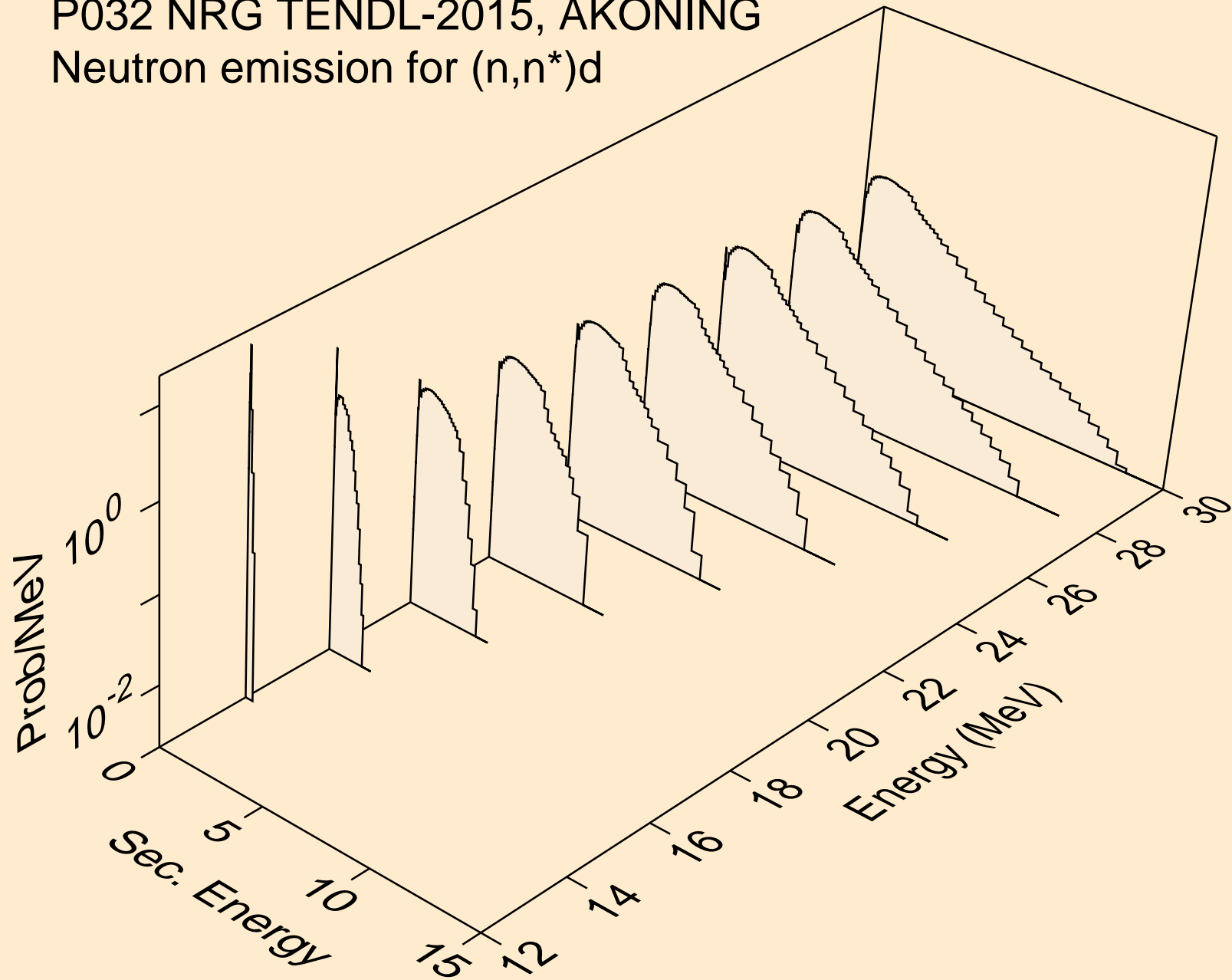


P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

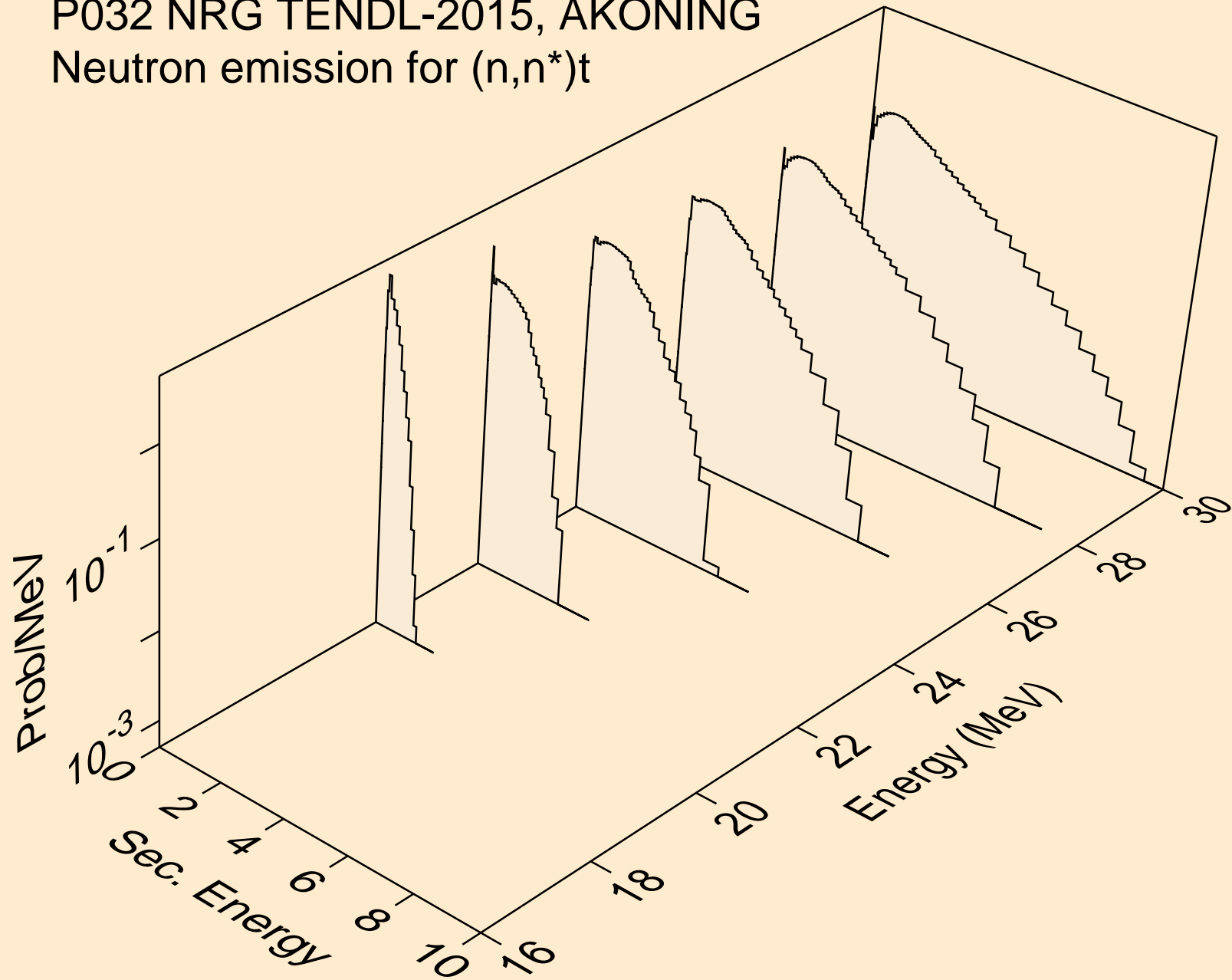




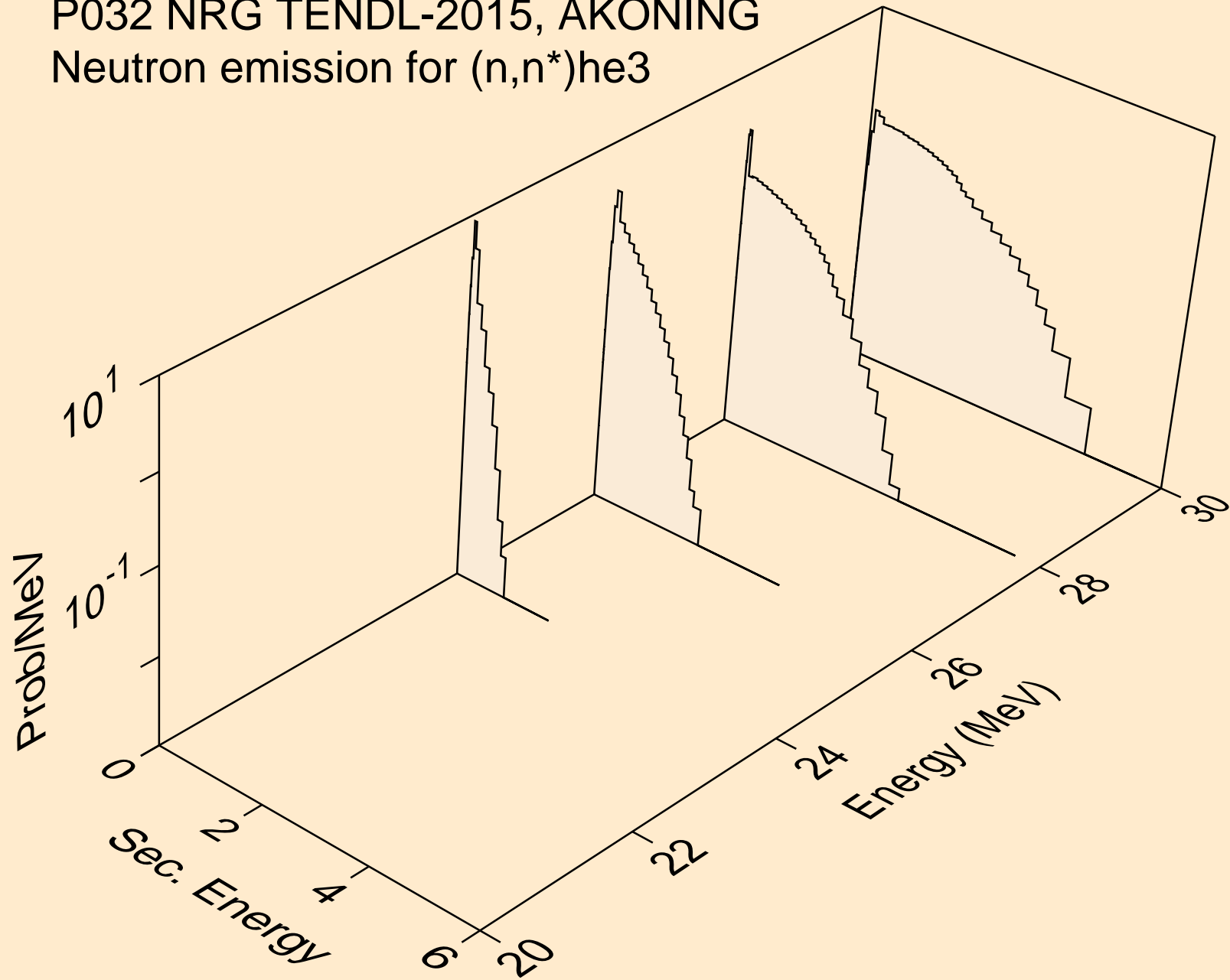
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Neutron emission for (n,n\*)d



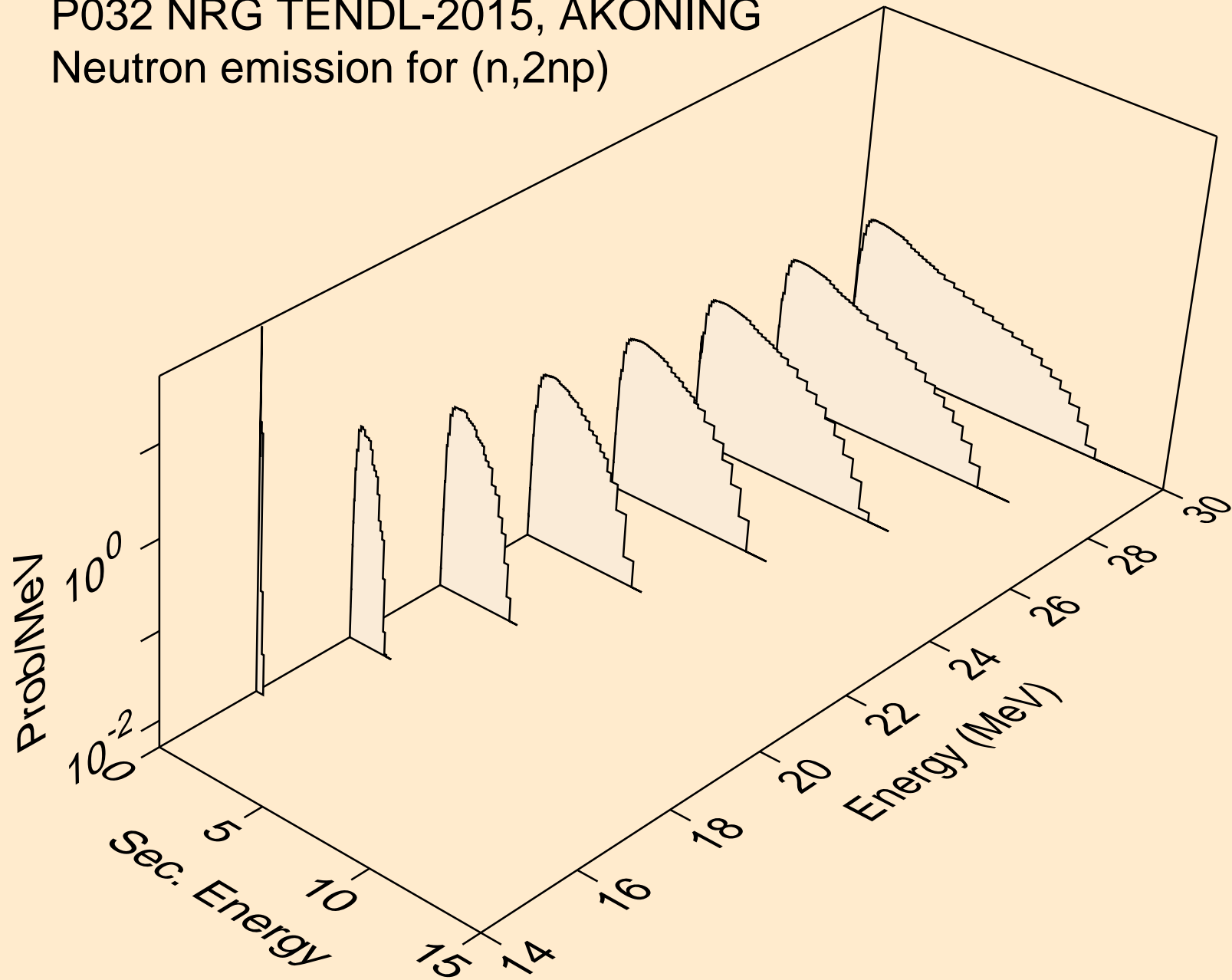
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Neutron emission for (n,n\*)t



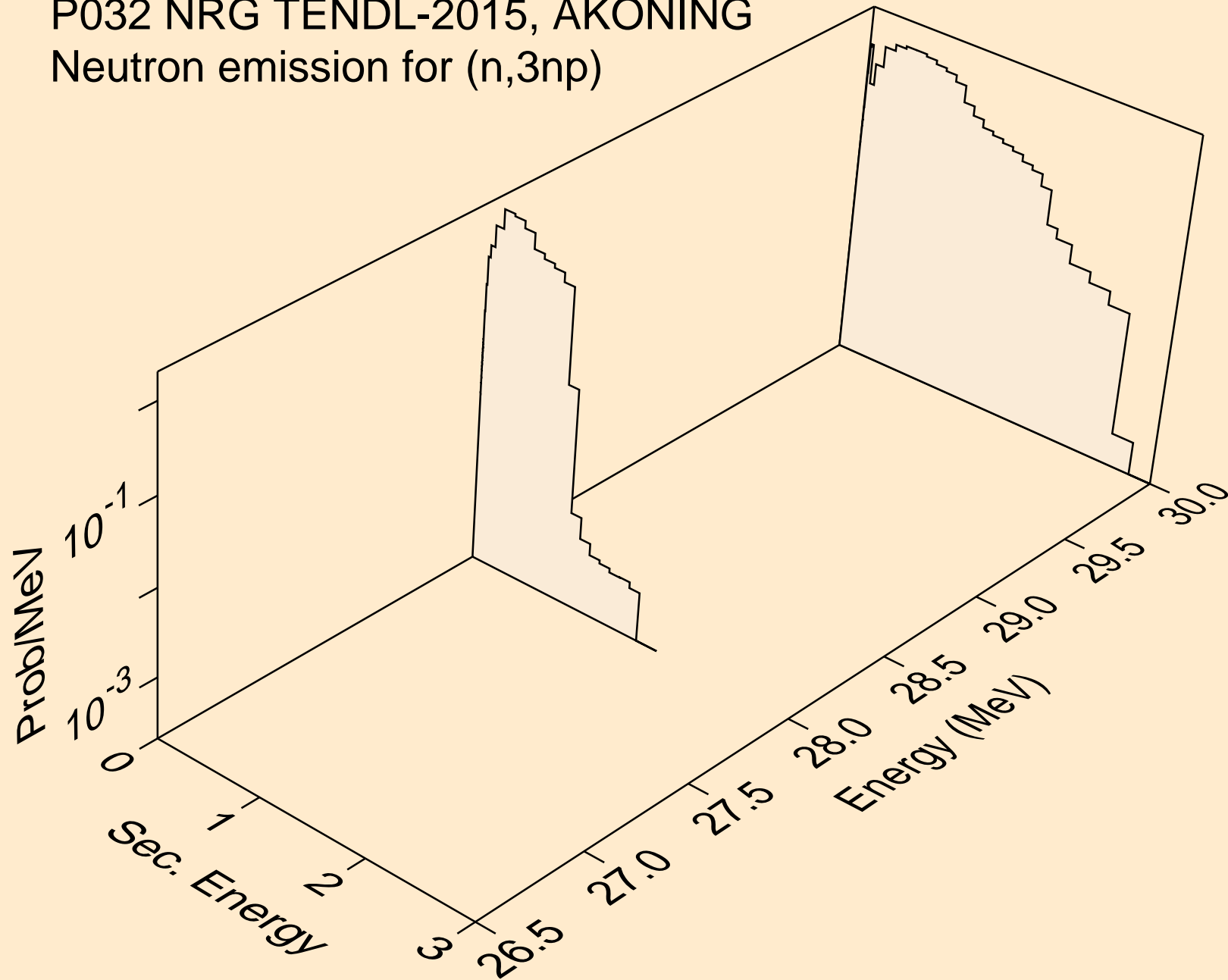
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



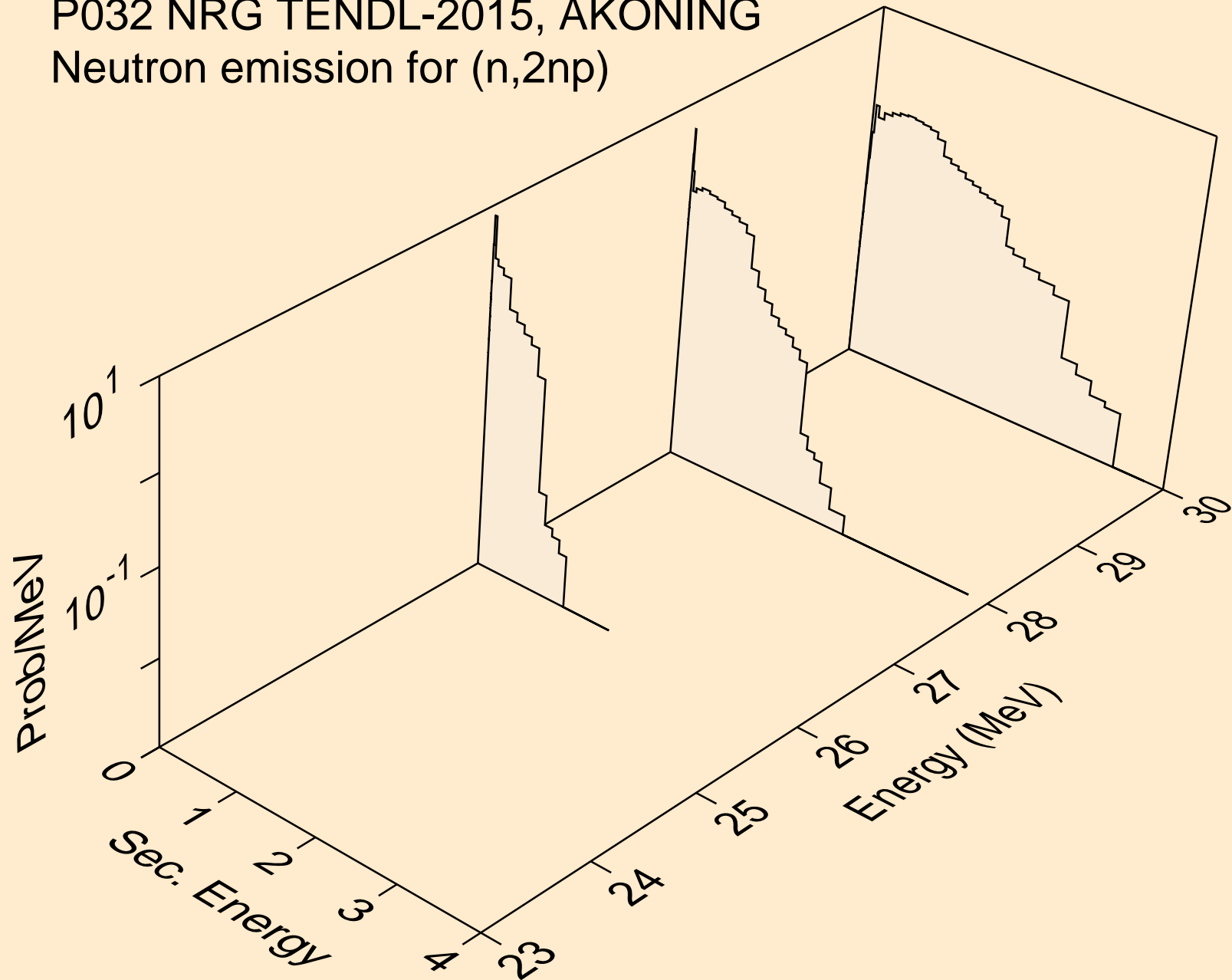
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



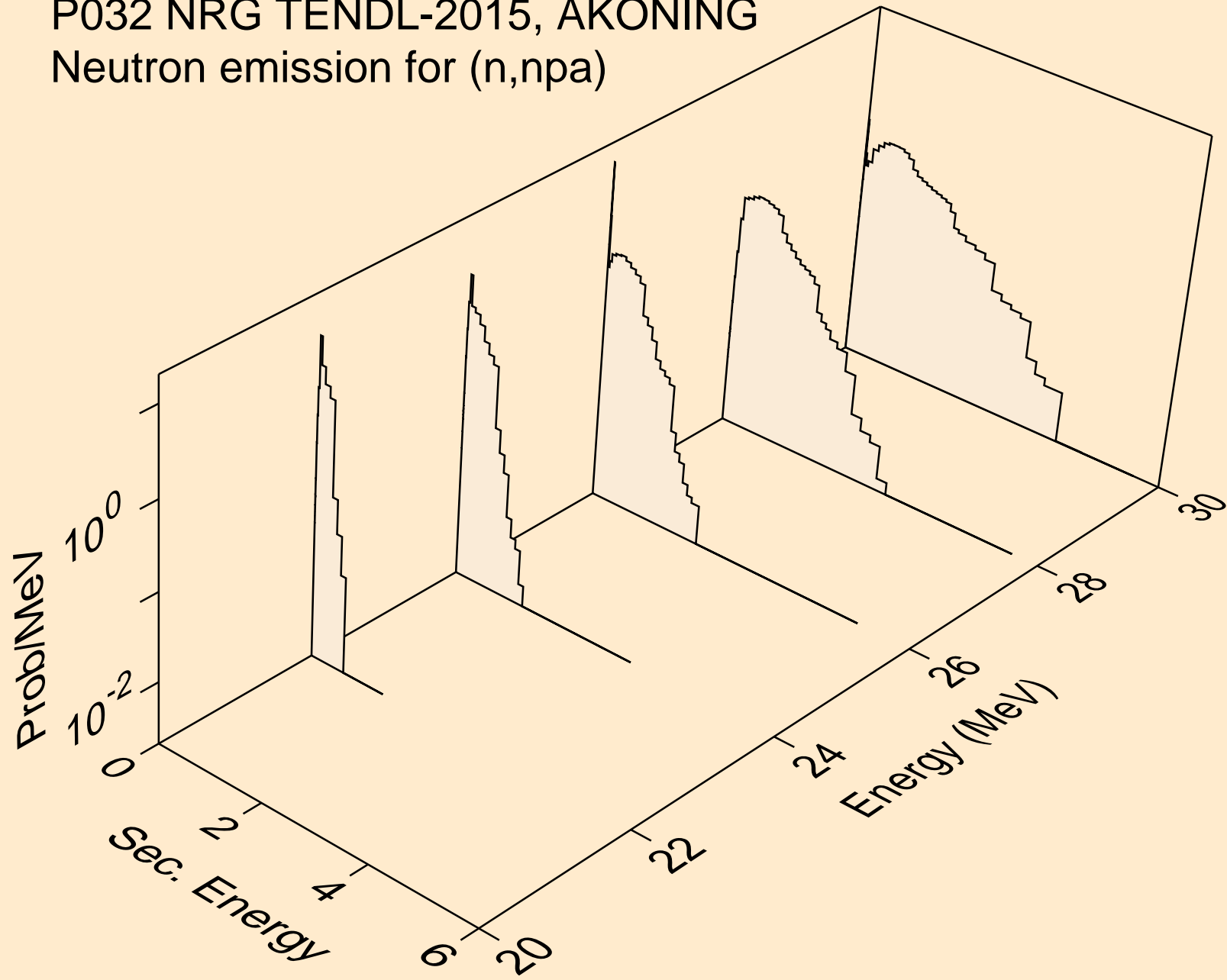
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



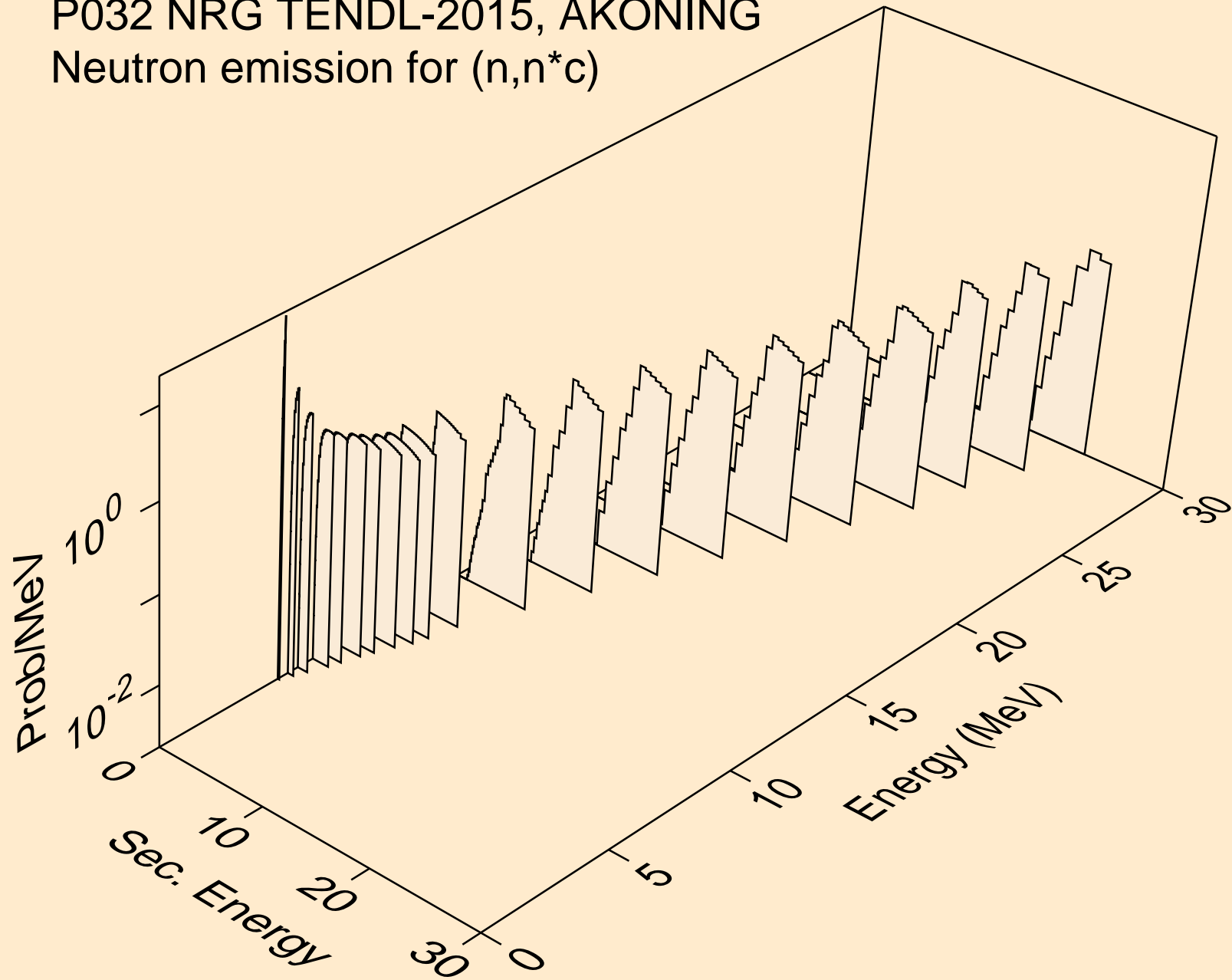
P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

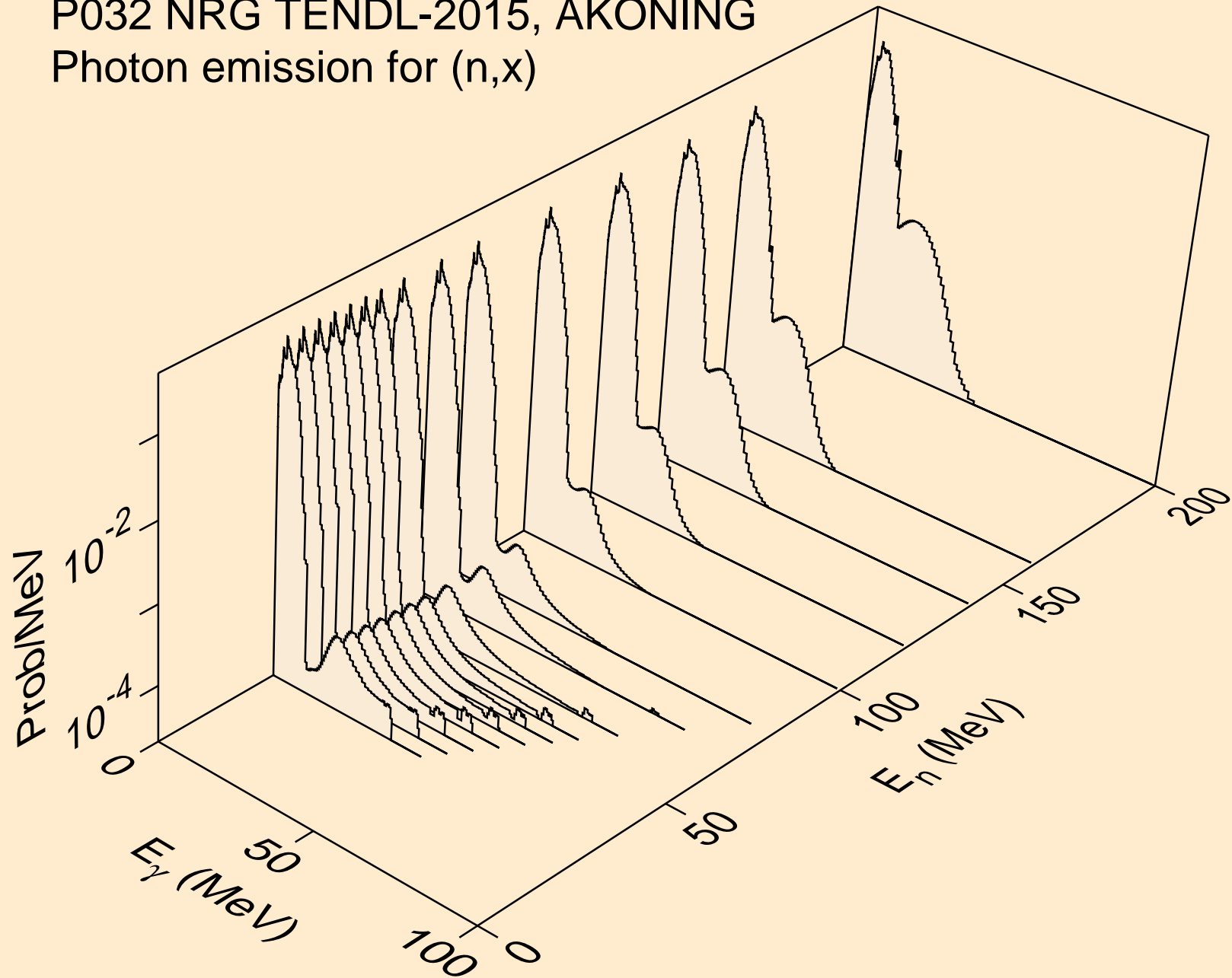


P032 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

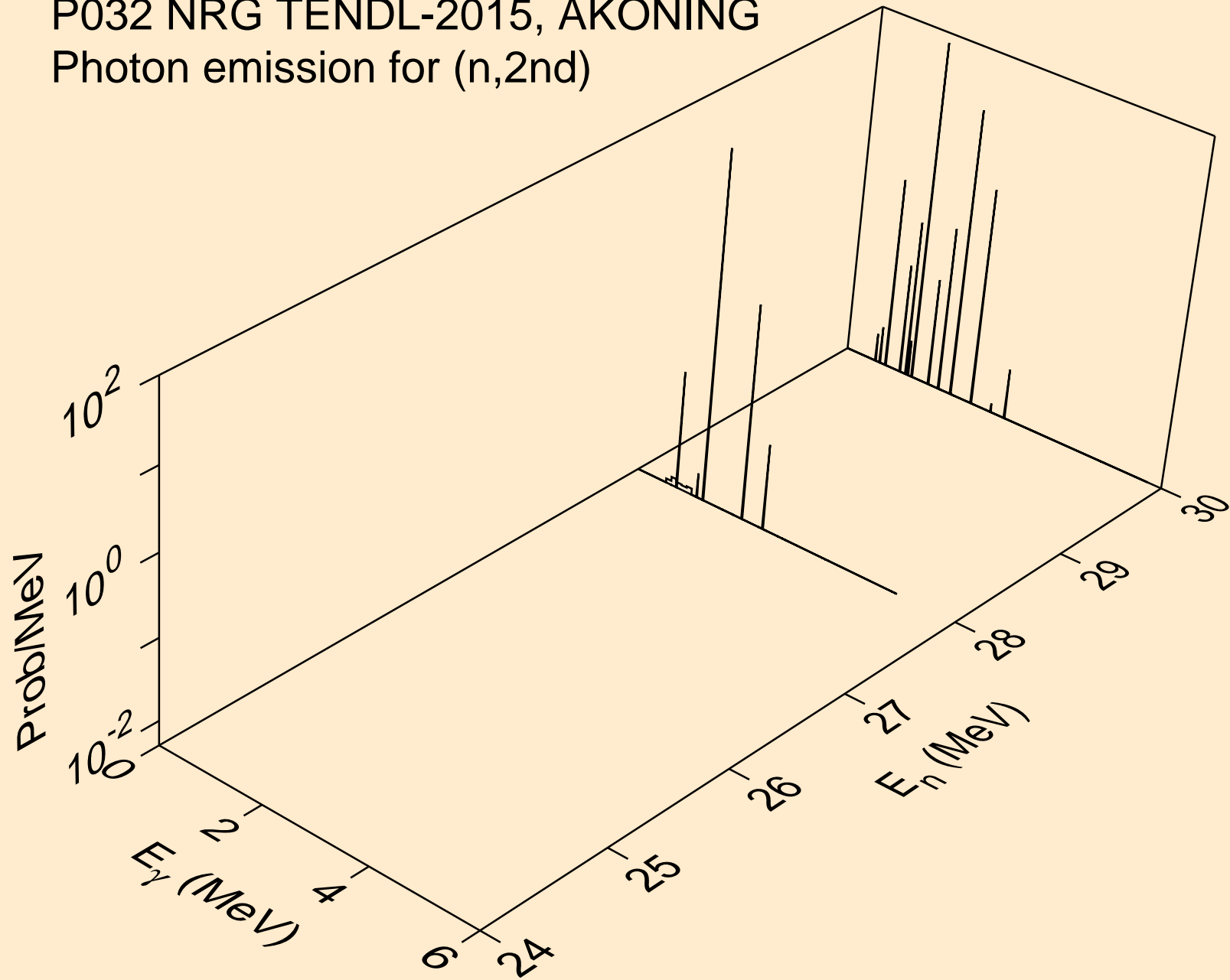




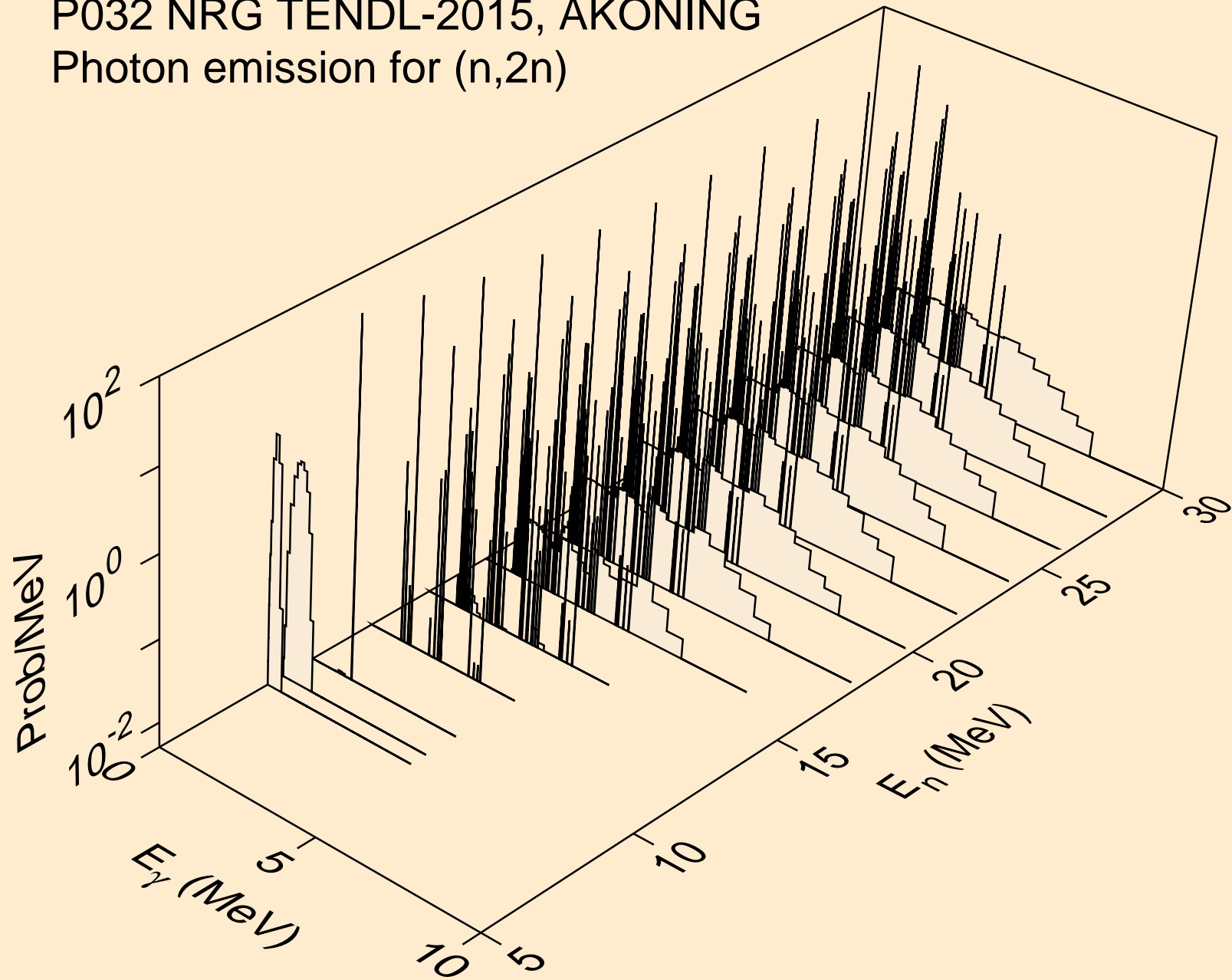
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



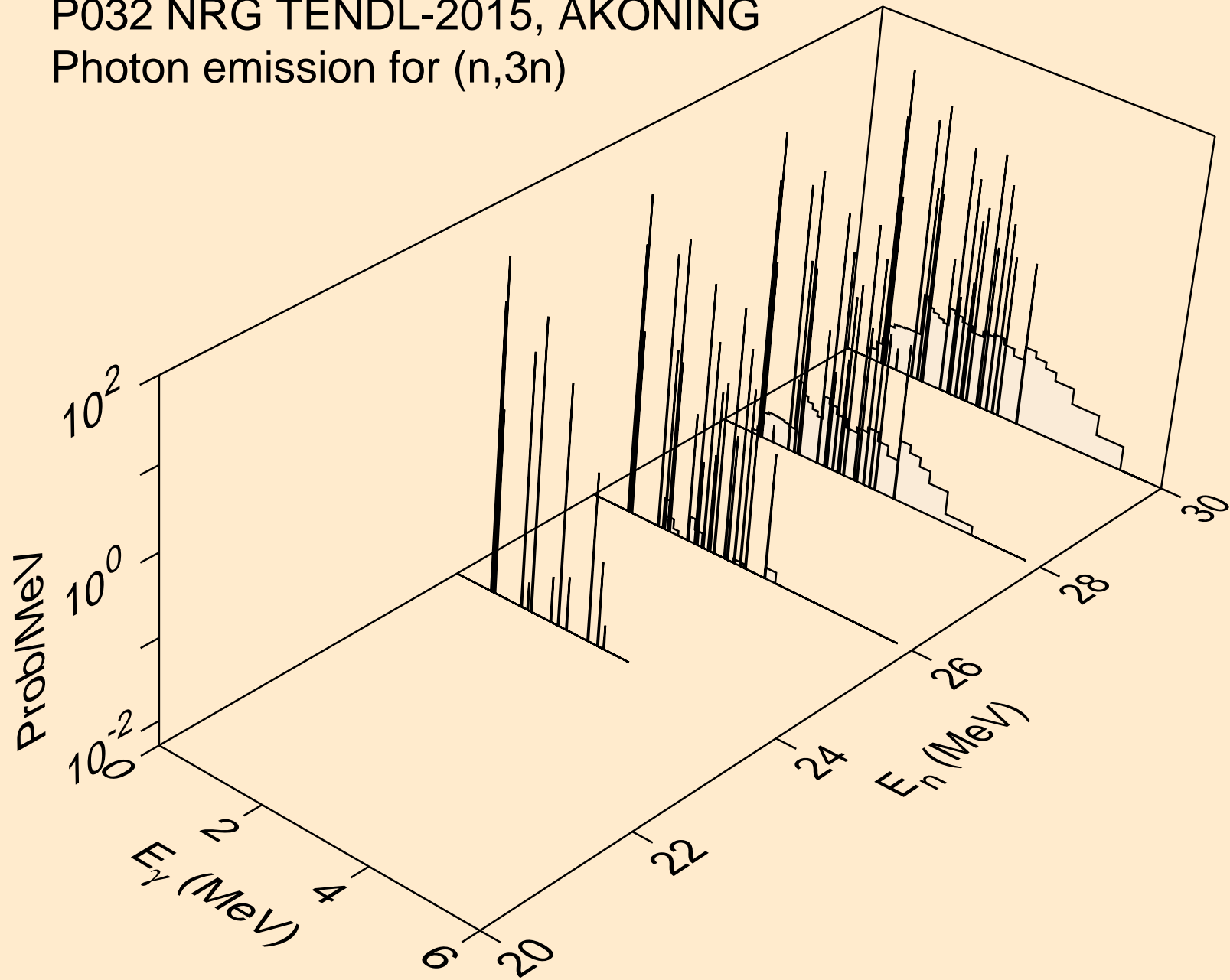
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



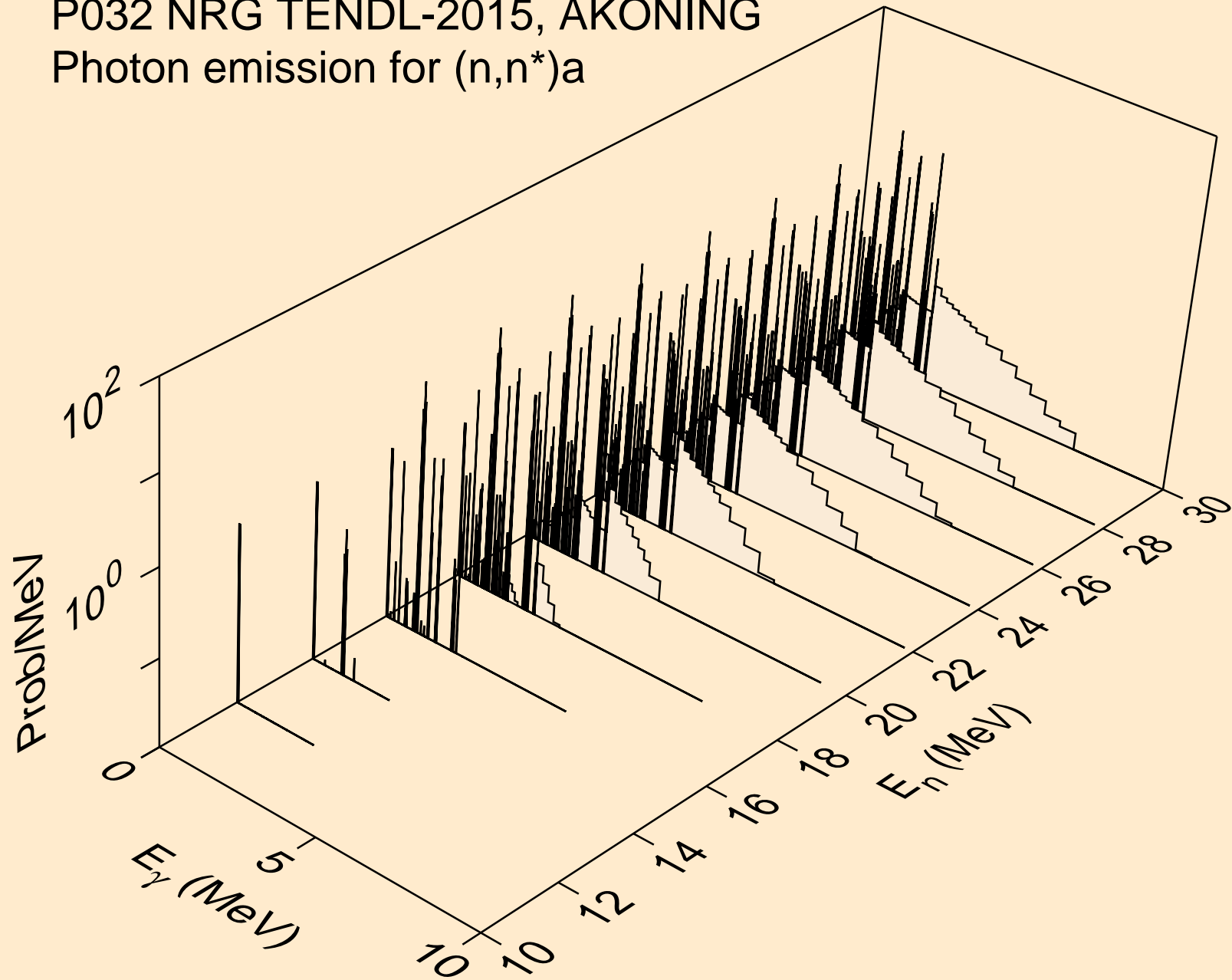
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



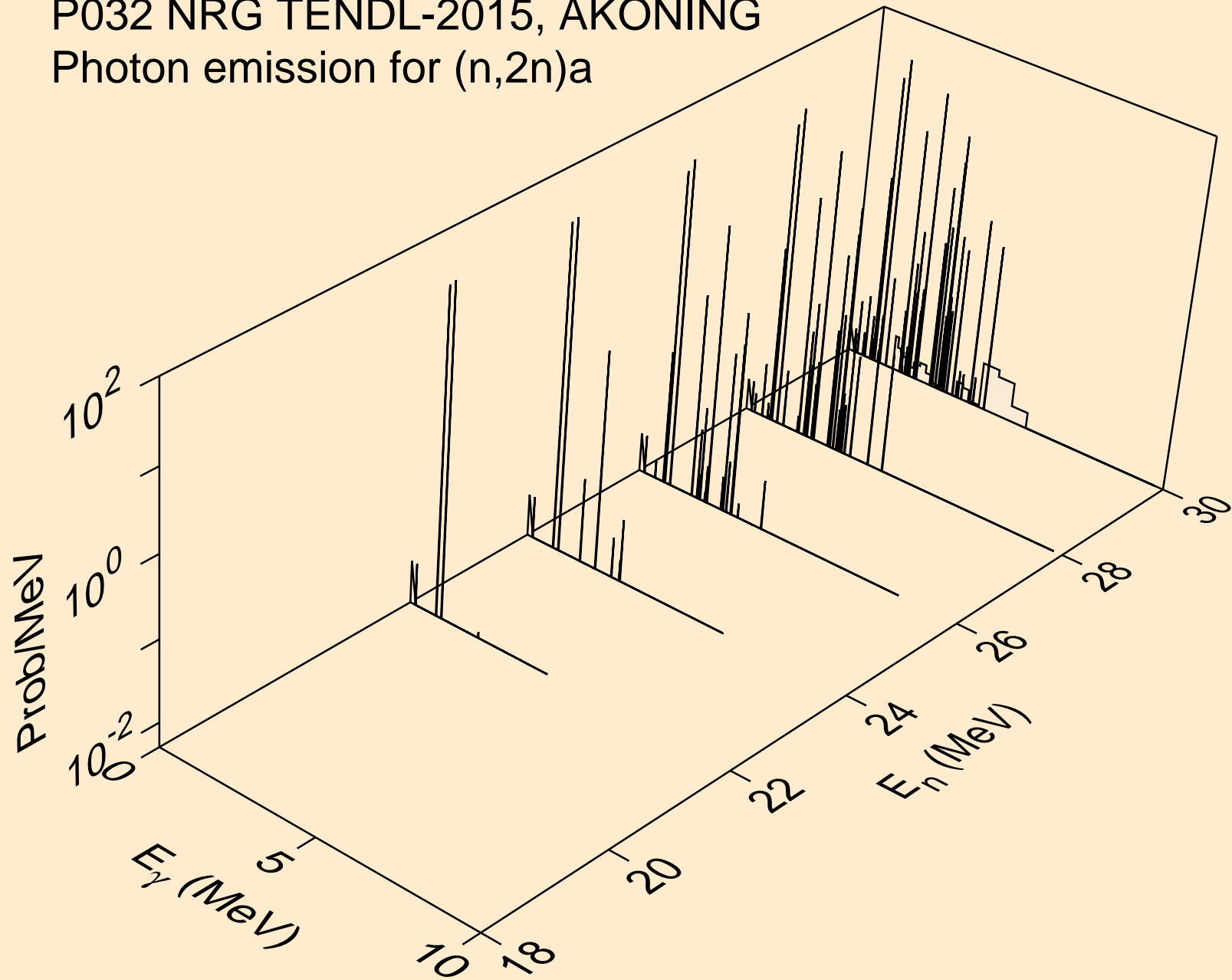
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Photon emission for (n,3n)



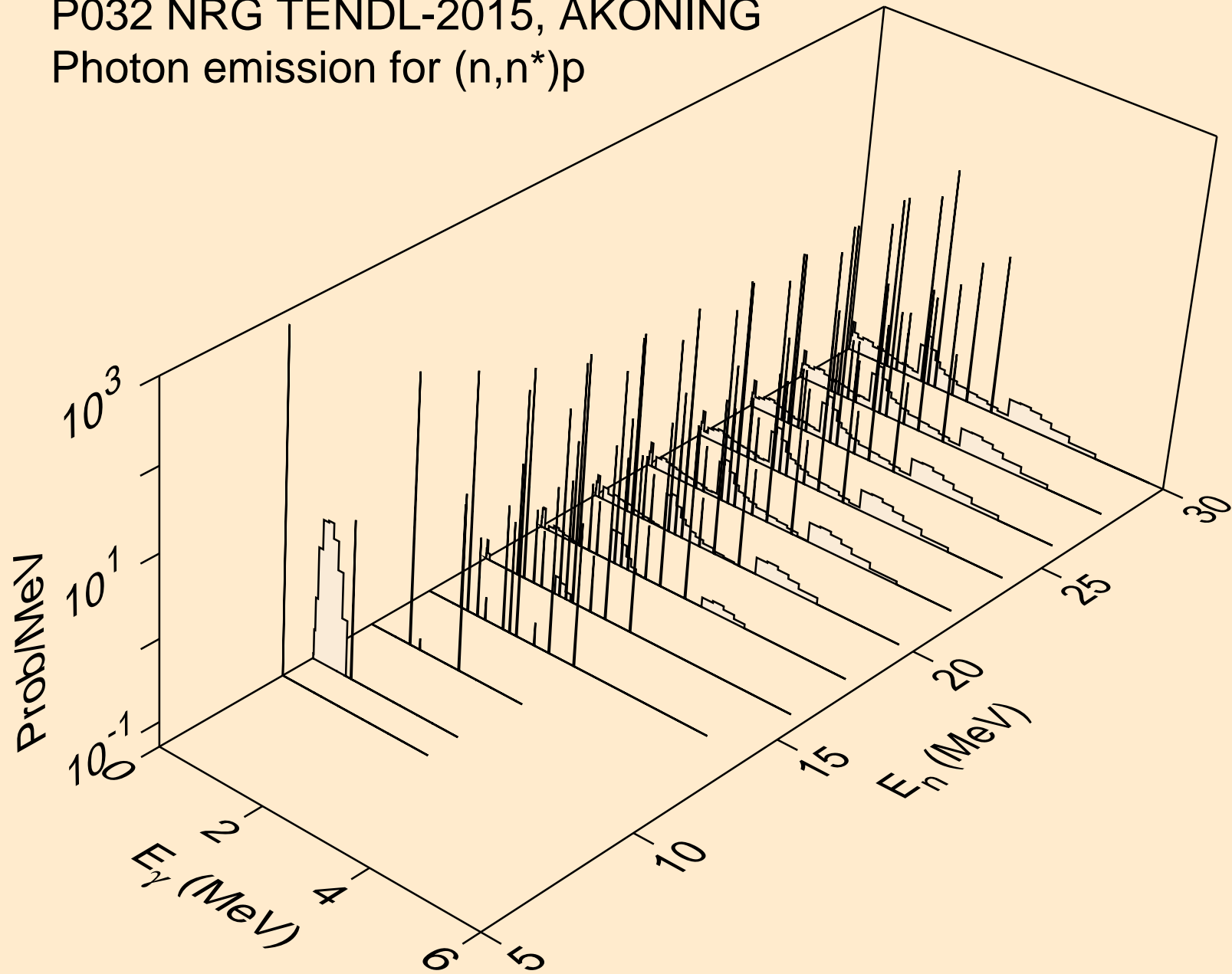
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



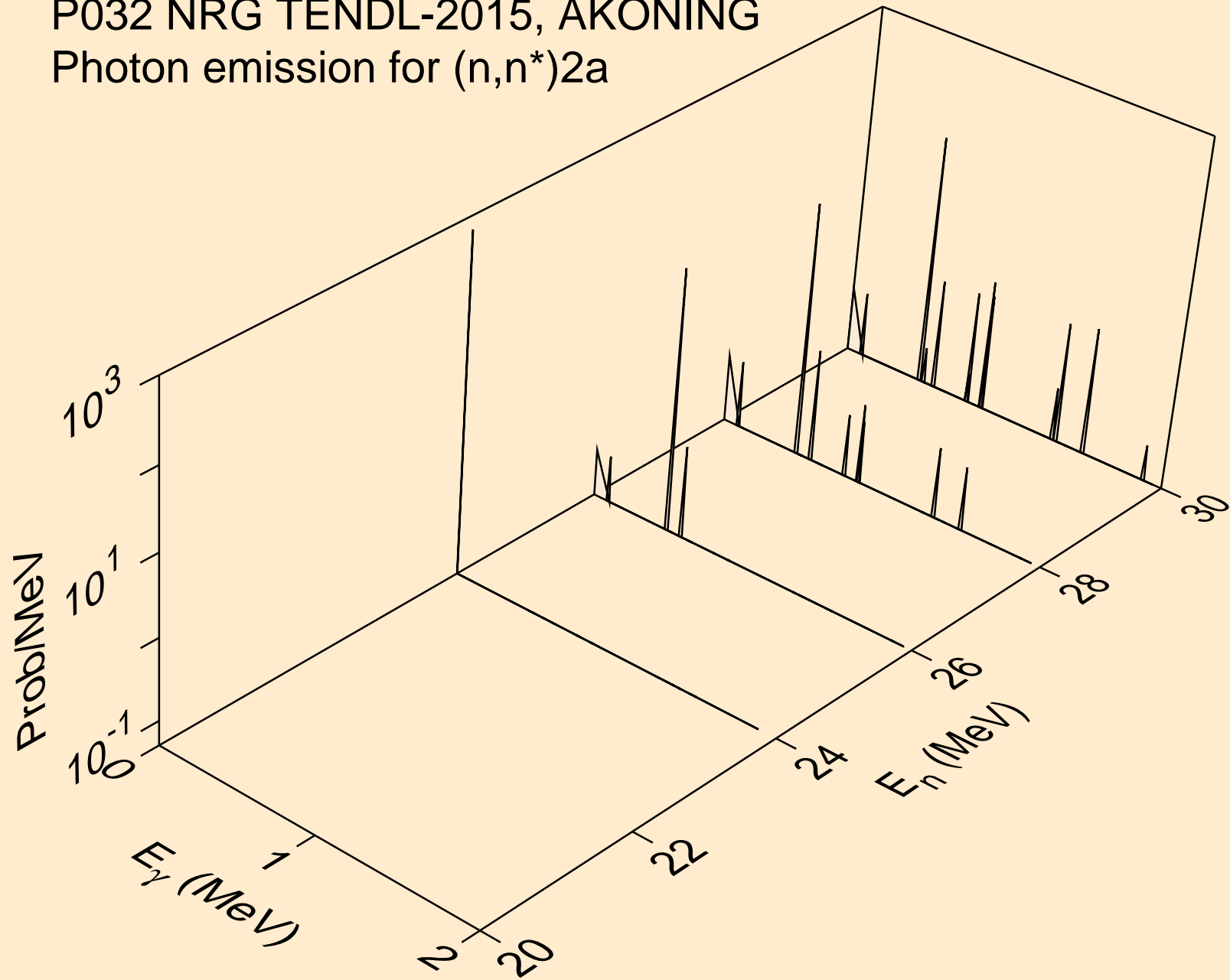
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



P032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

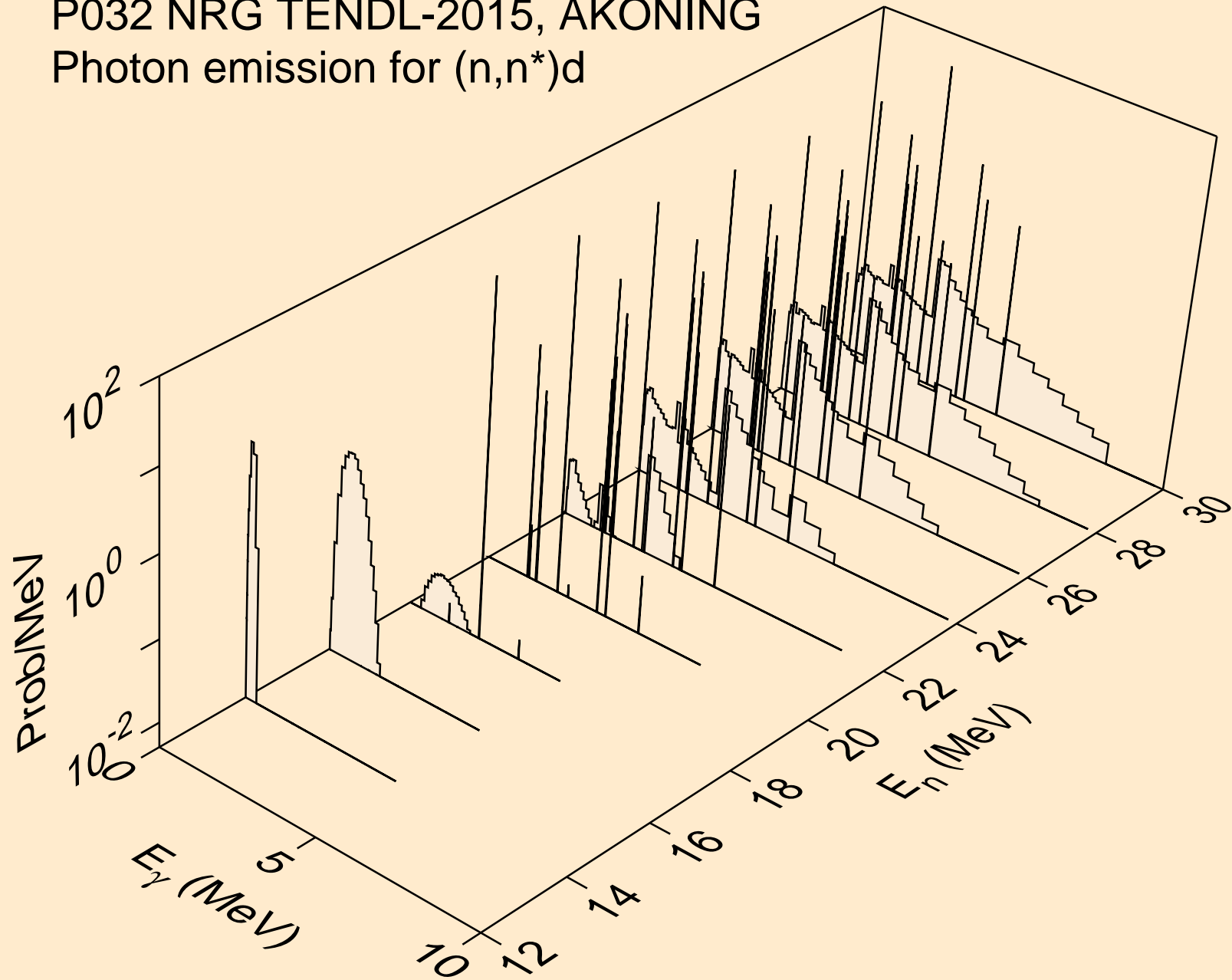


P032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

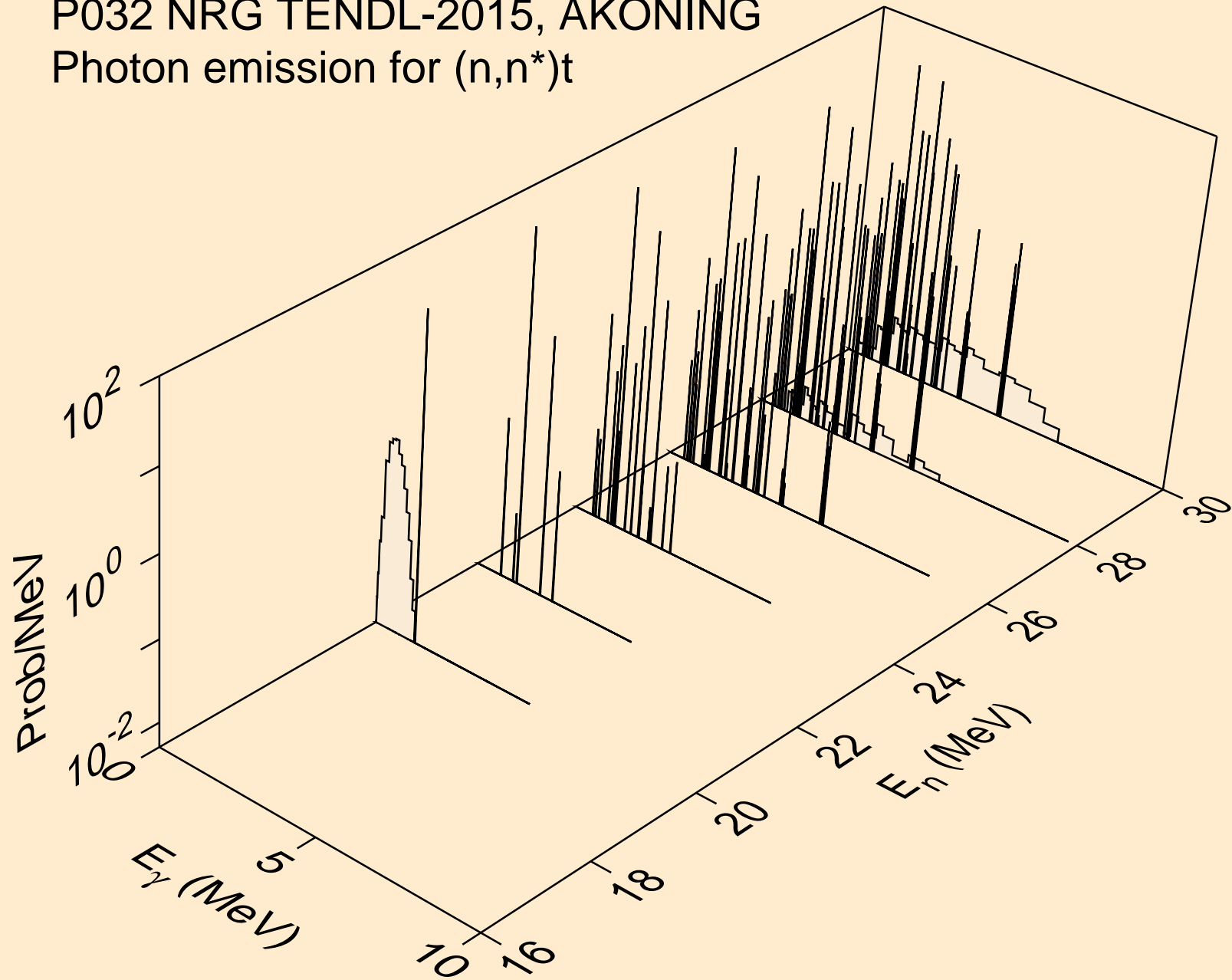




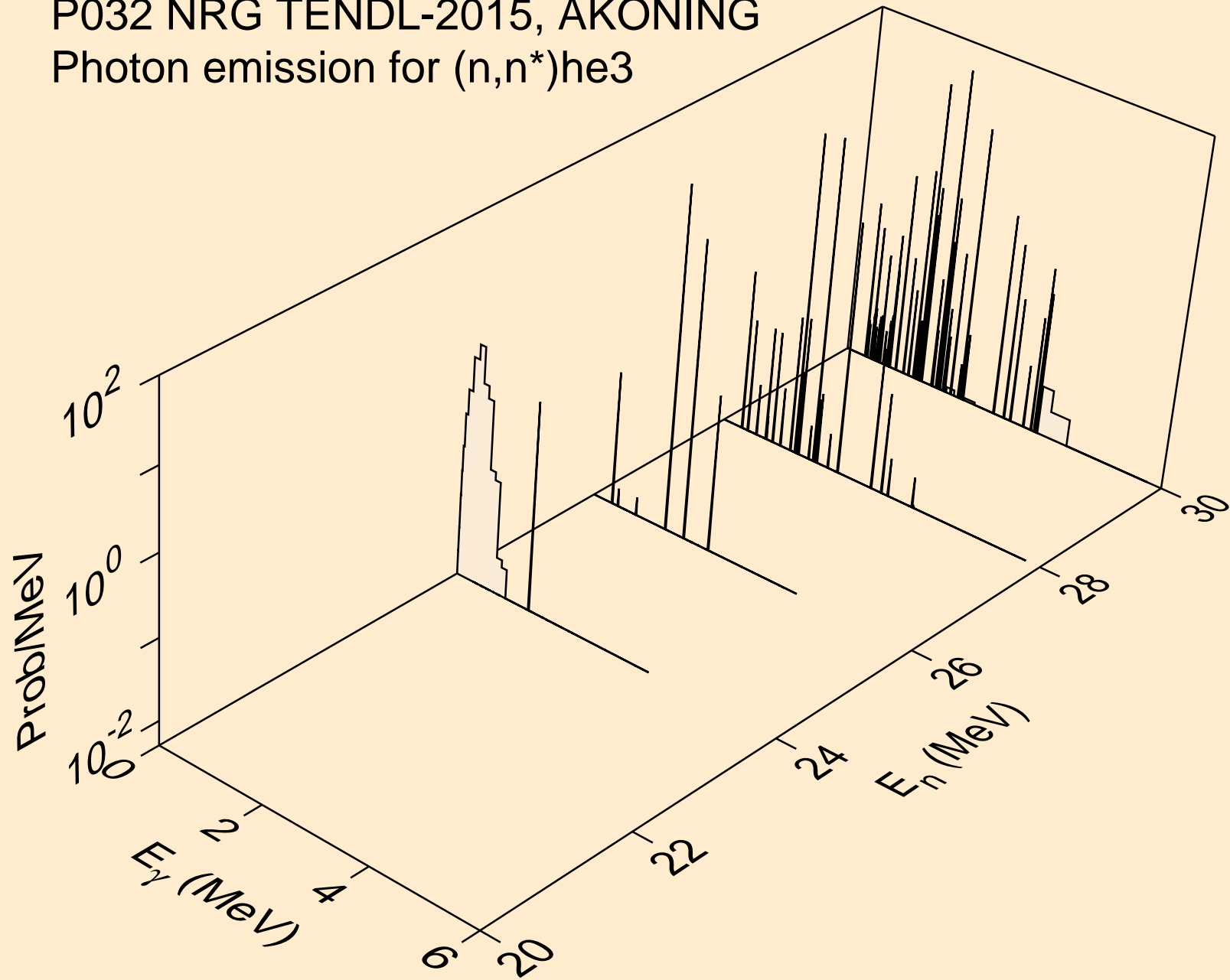
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



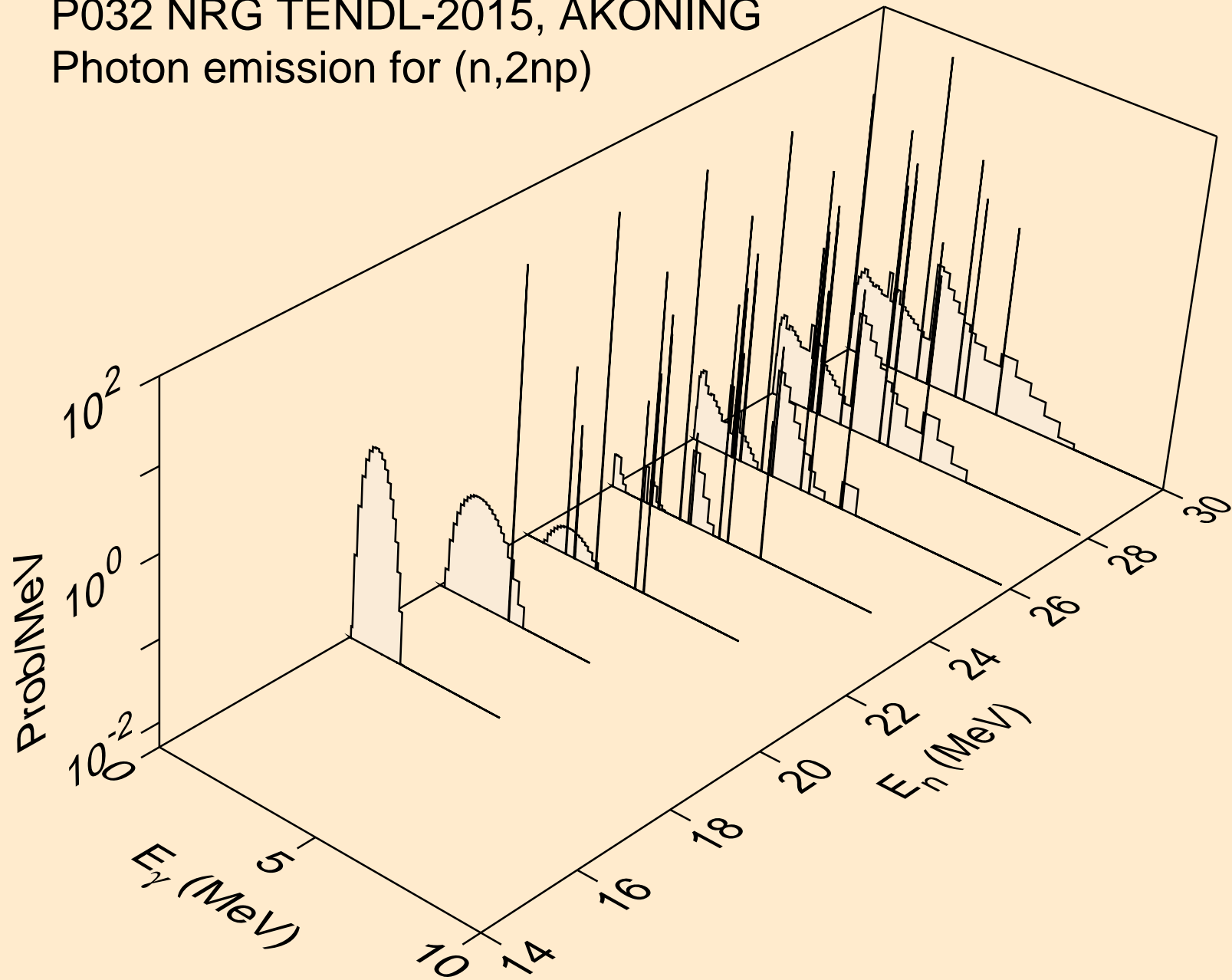
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



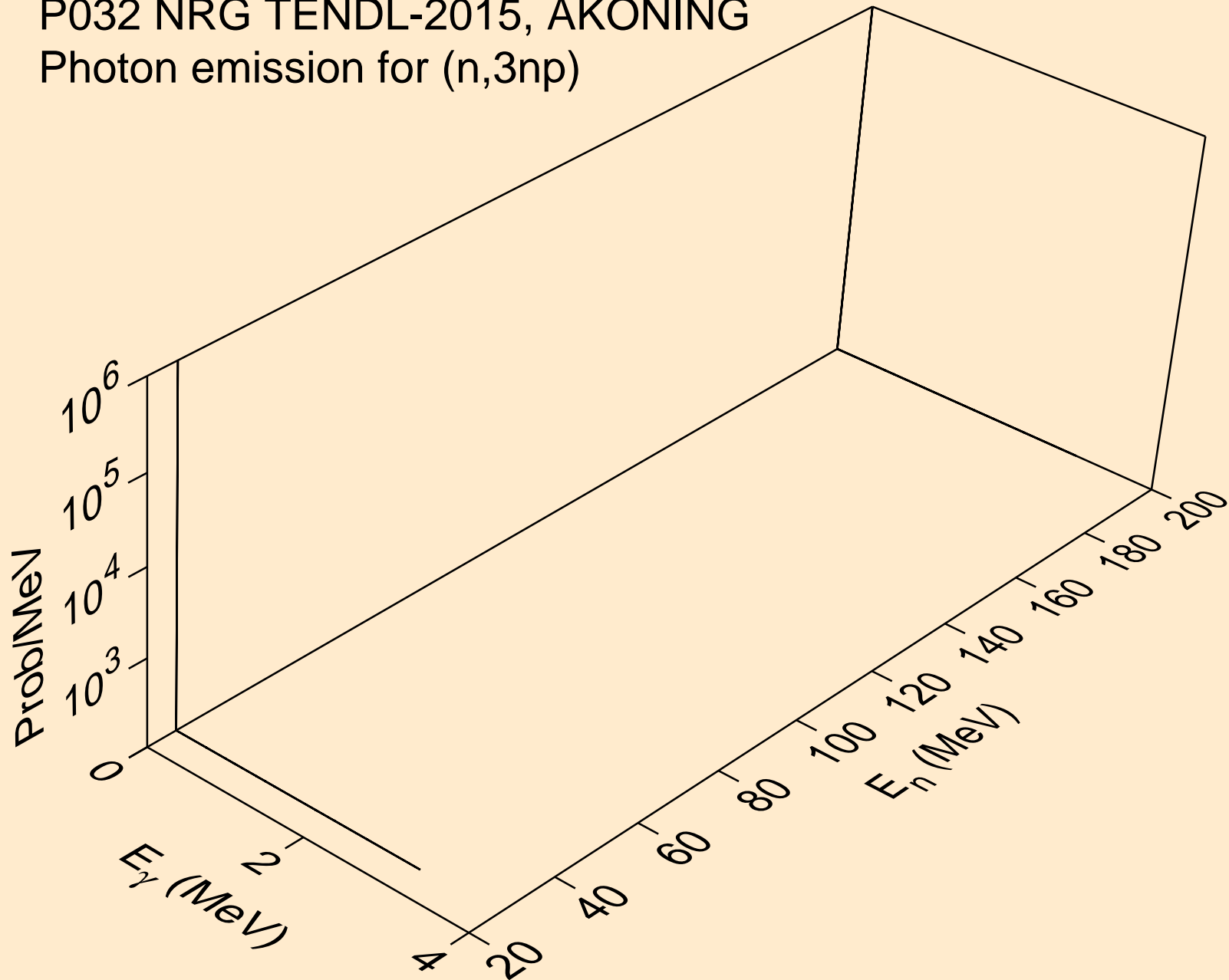
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



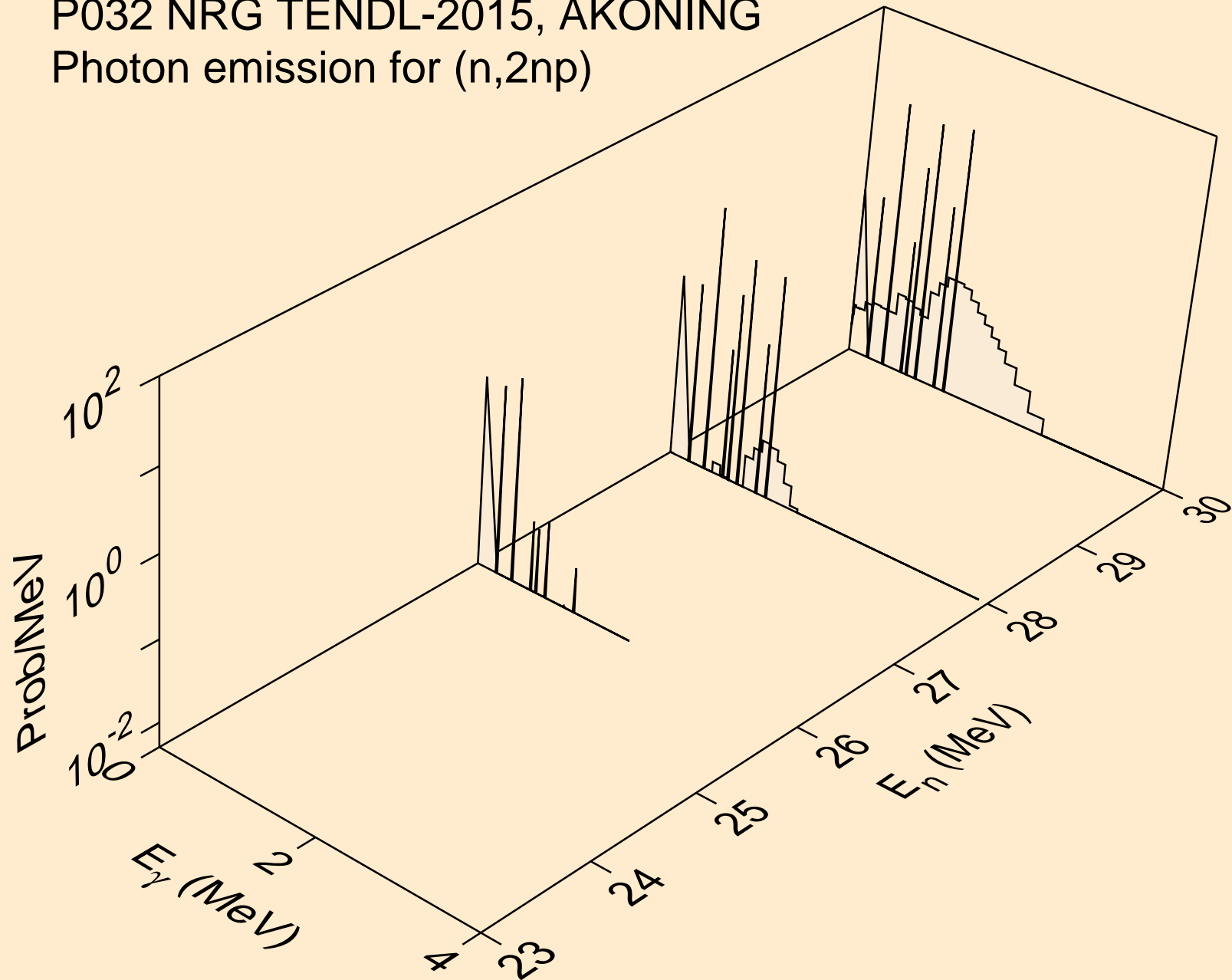
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



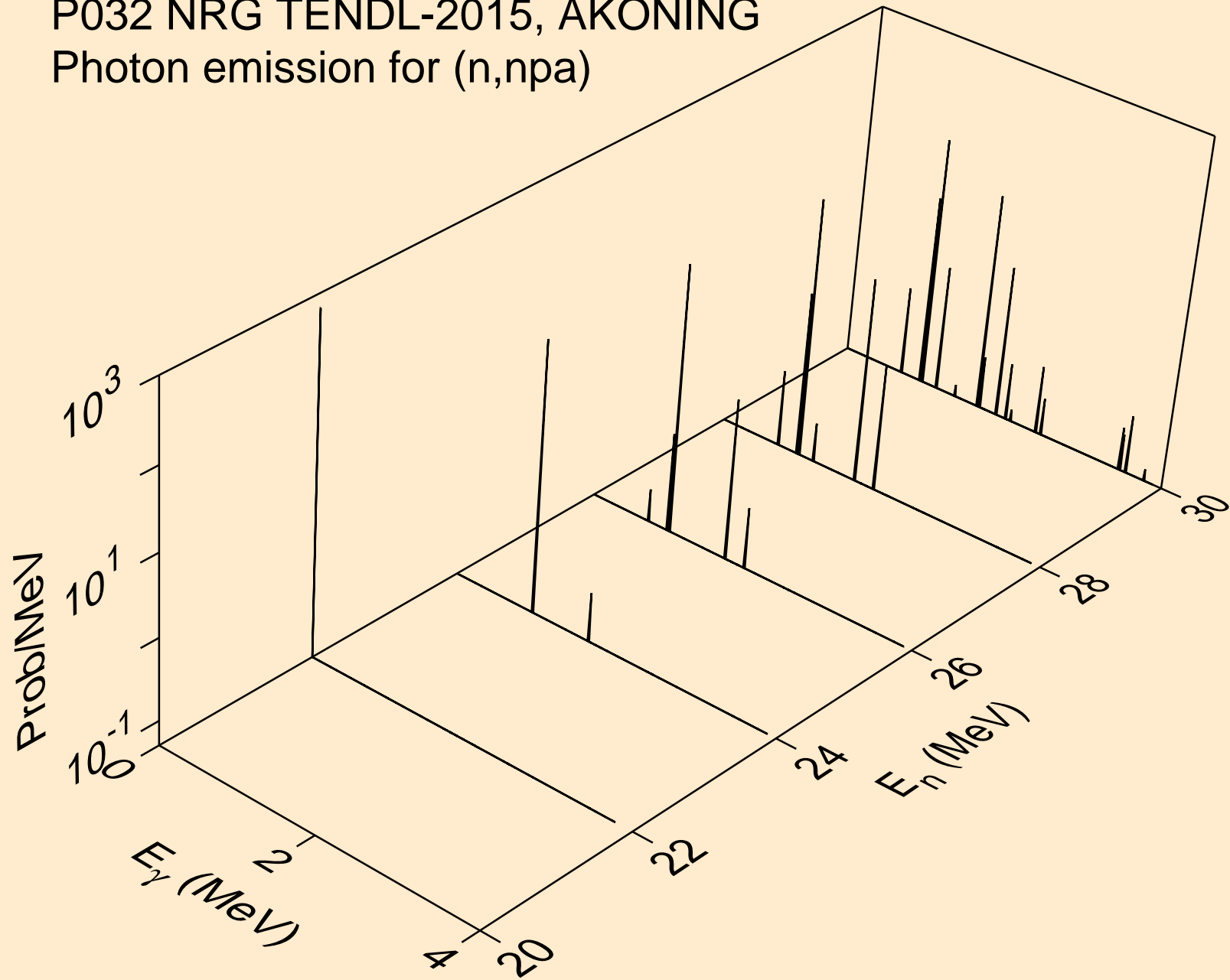
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



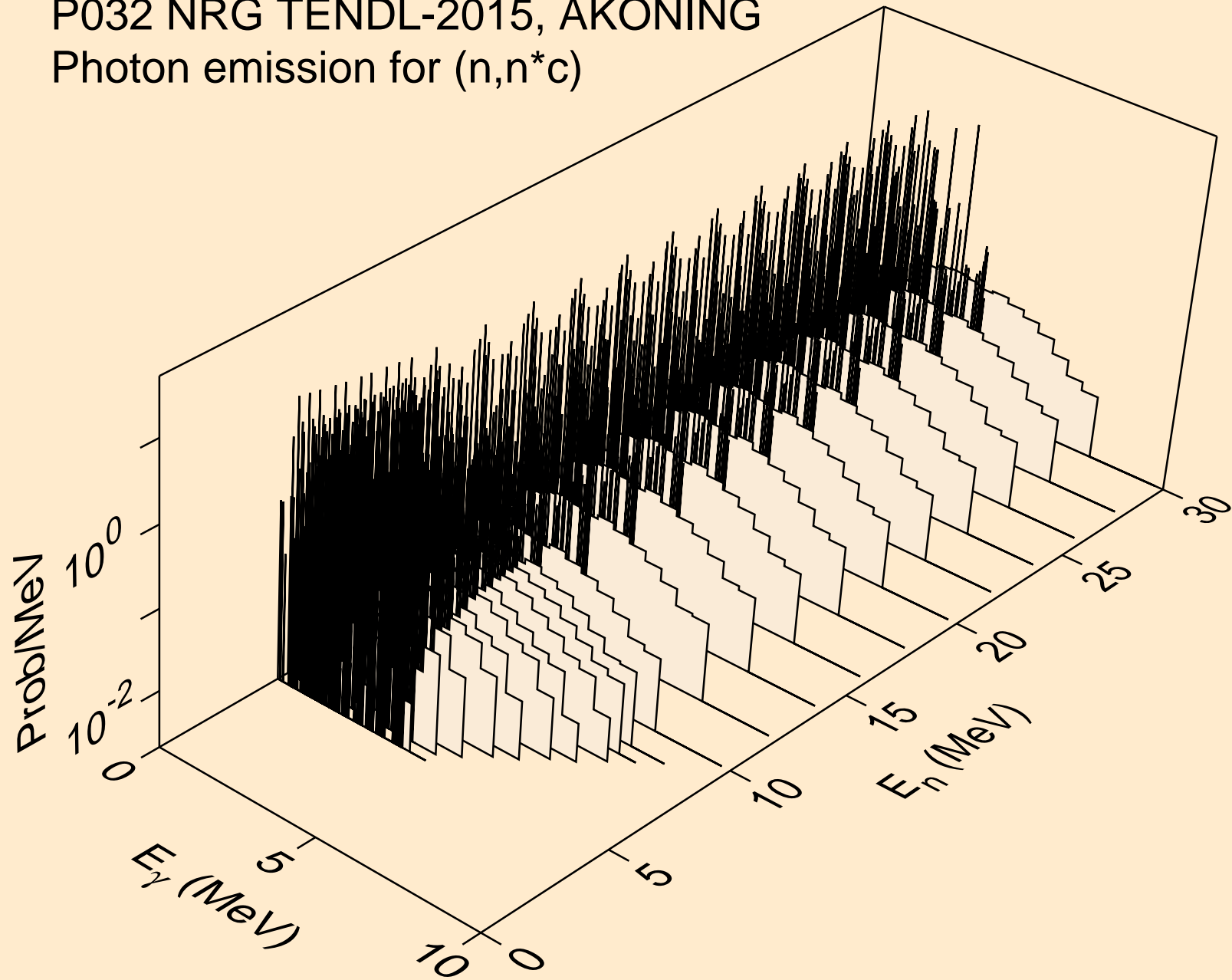
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



P032 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

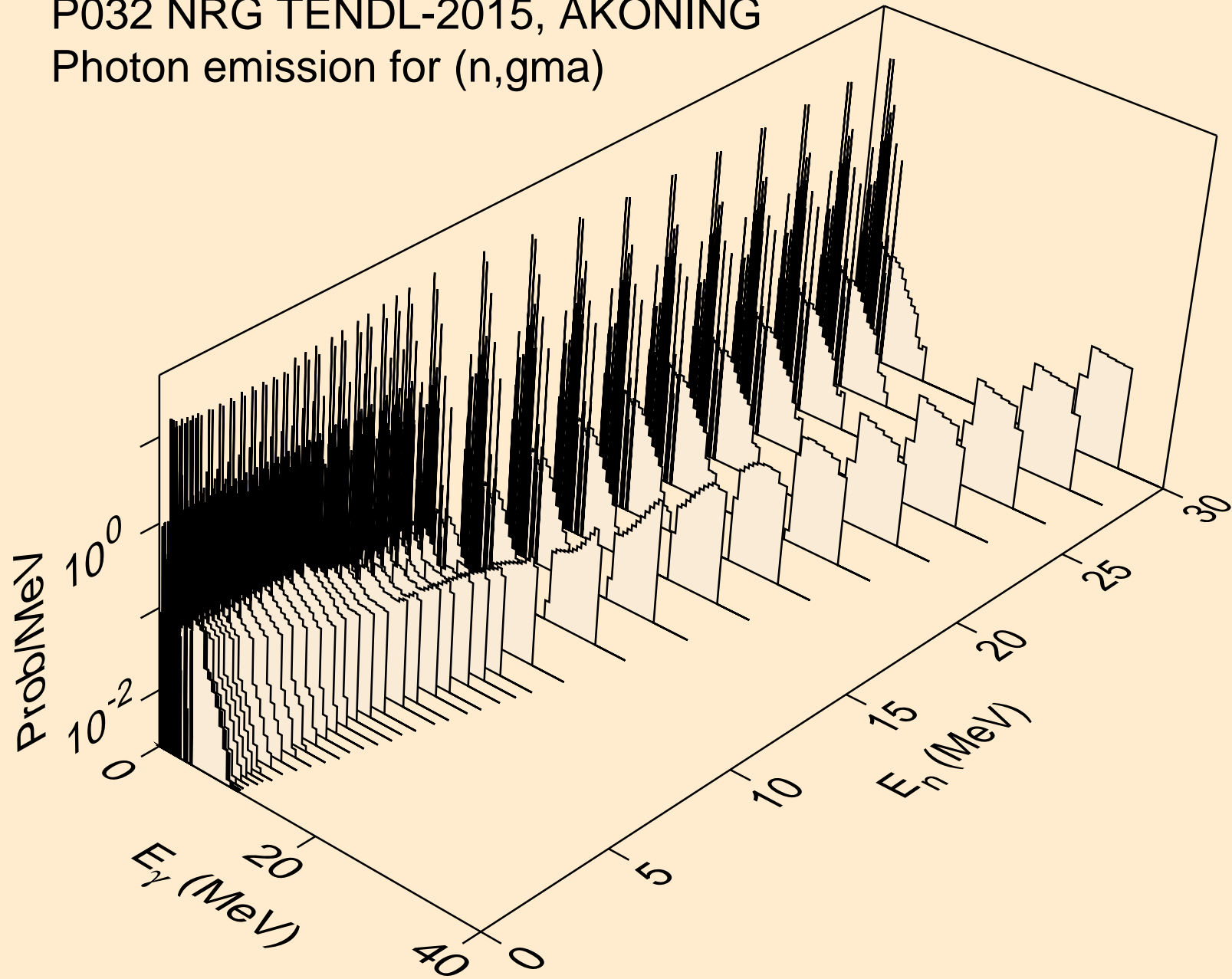


P032 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

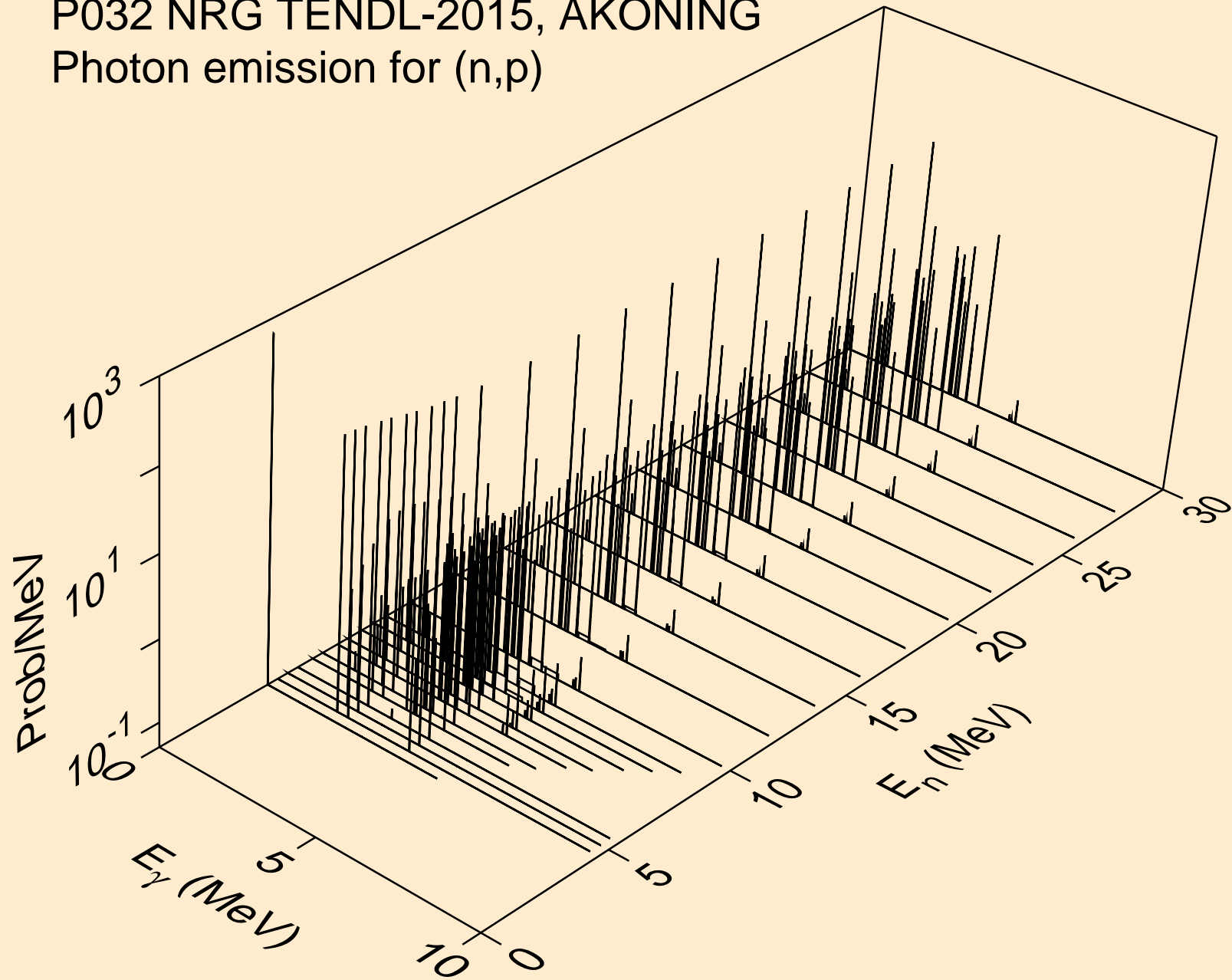




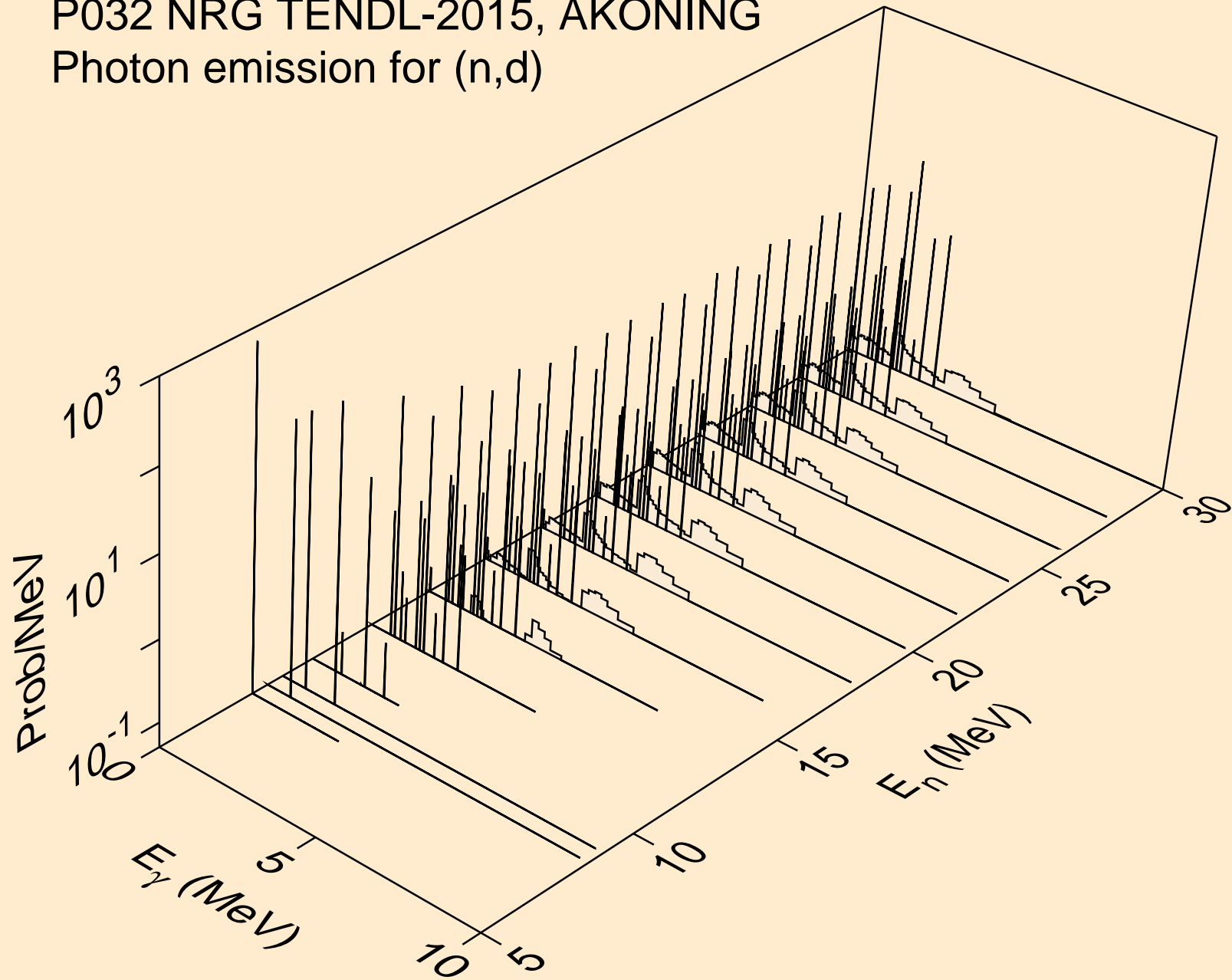
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



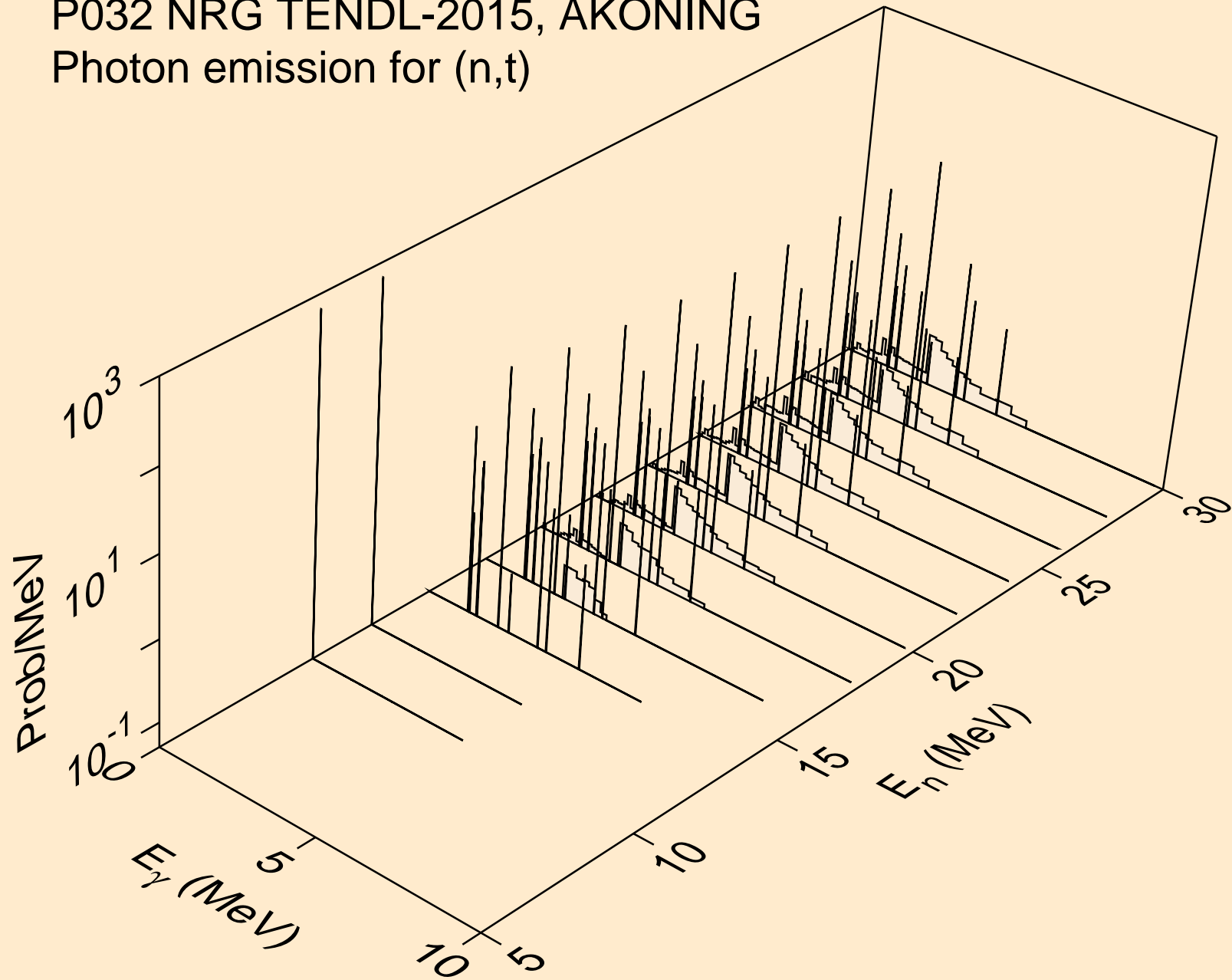
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



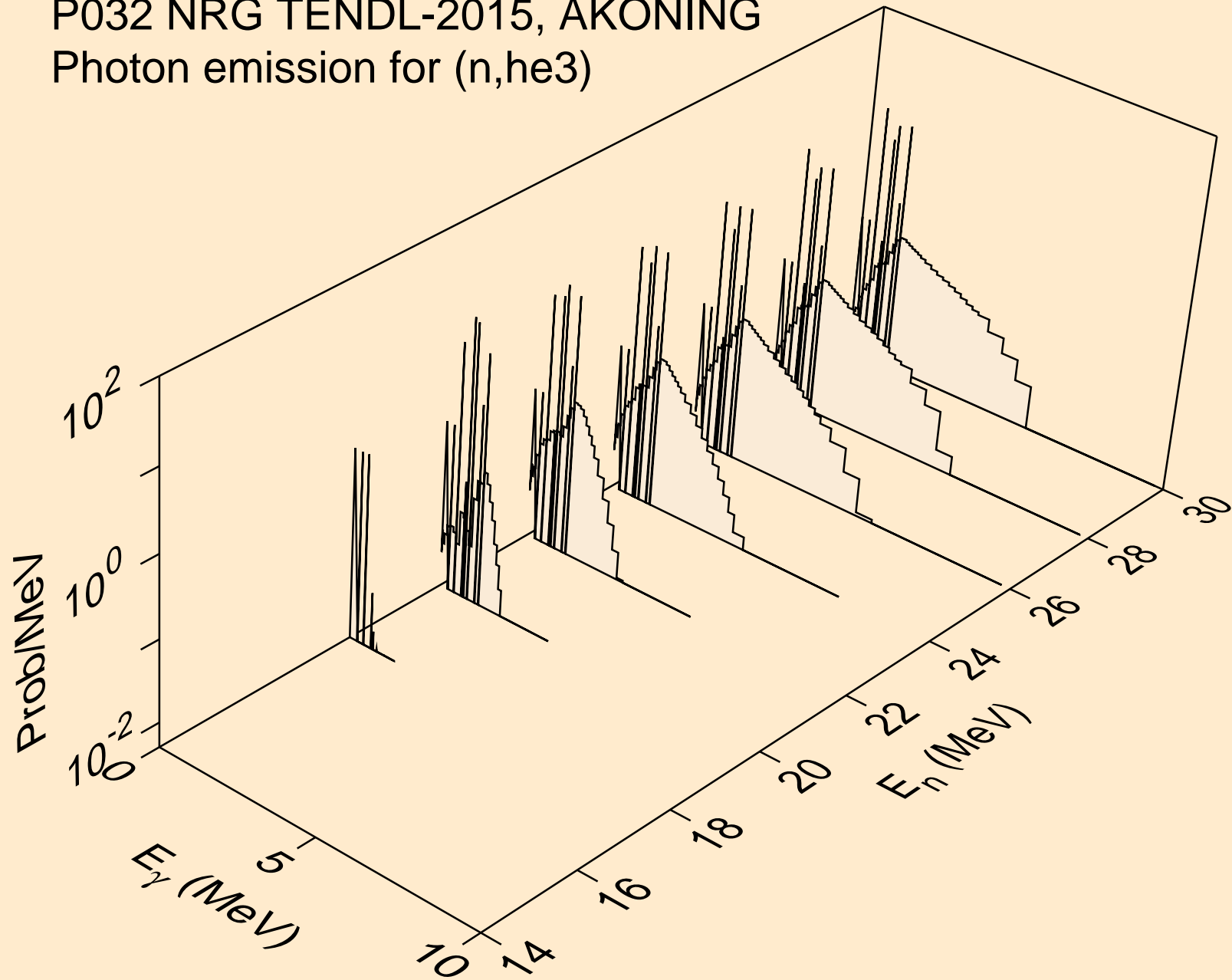
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



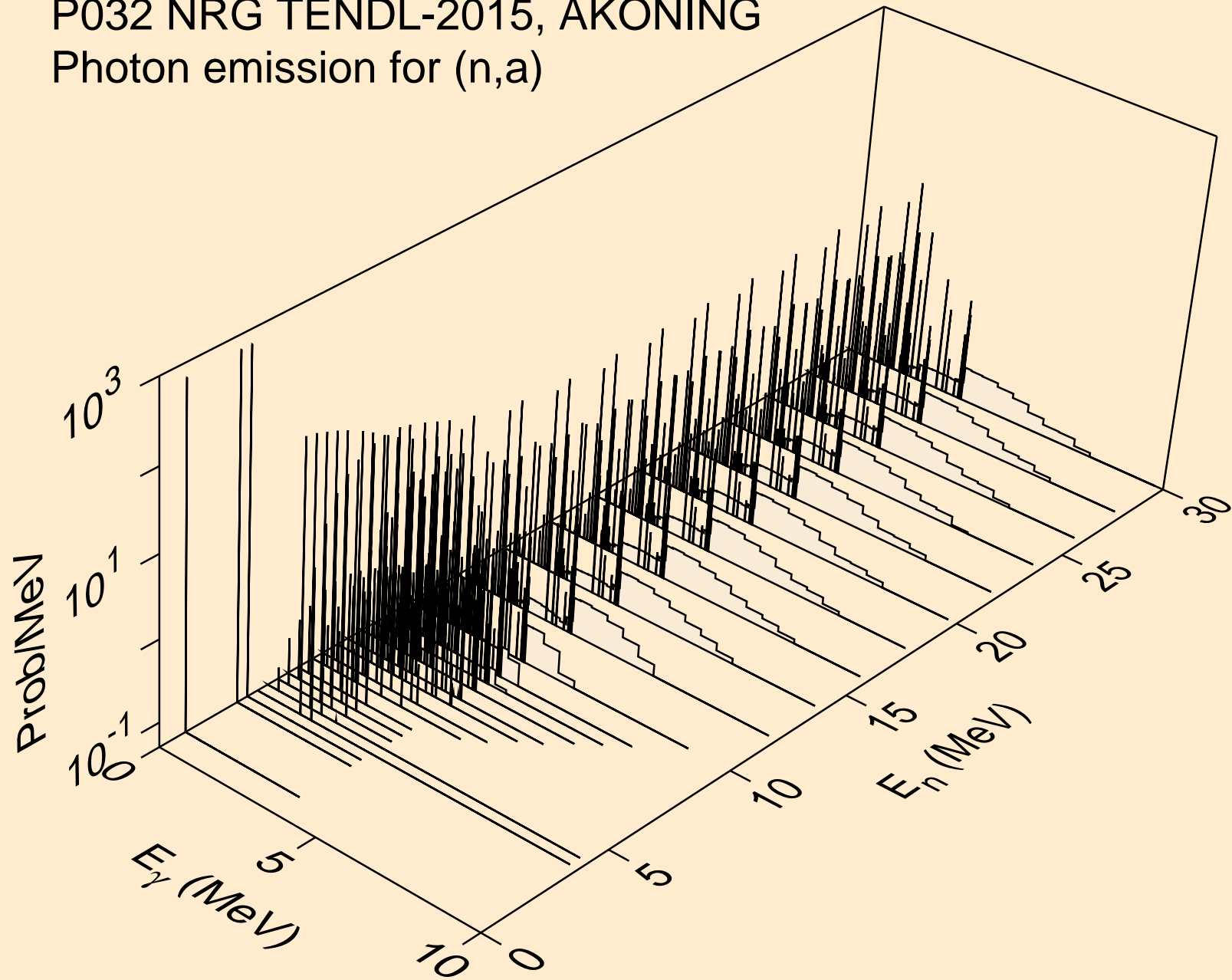
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



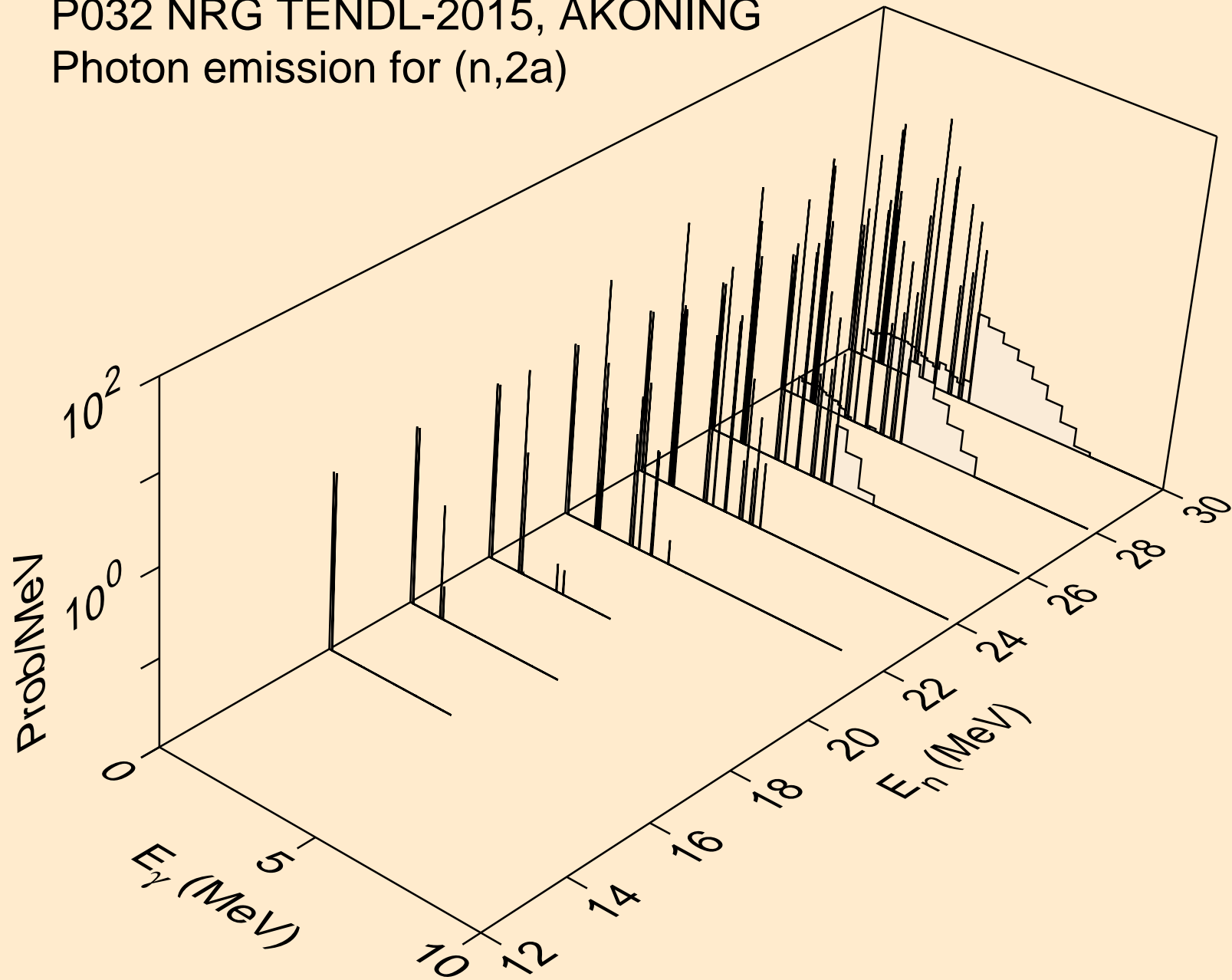
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



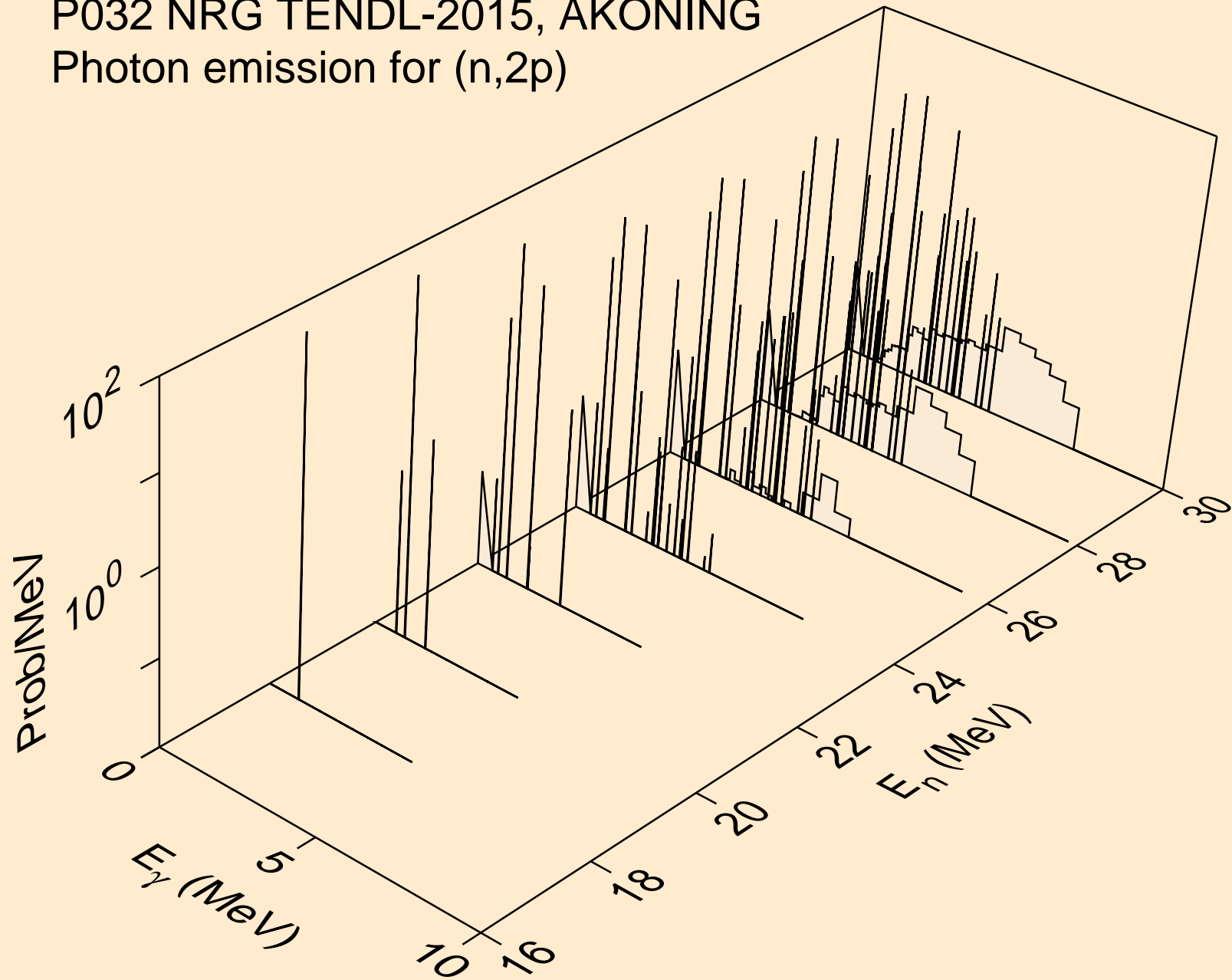
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



P032 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

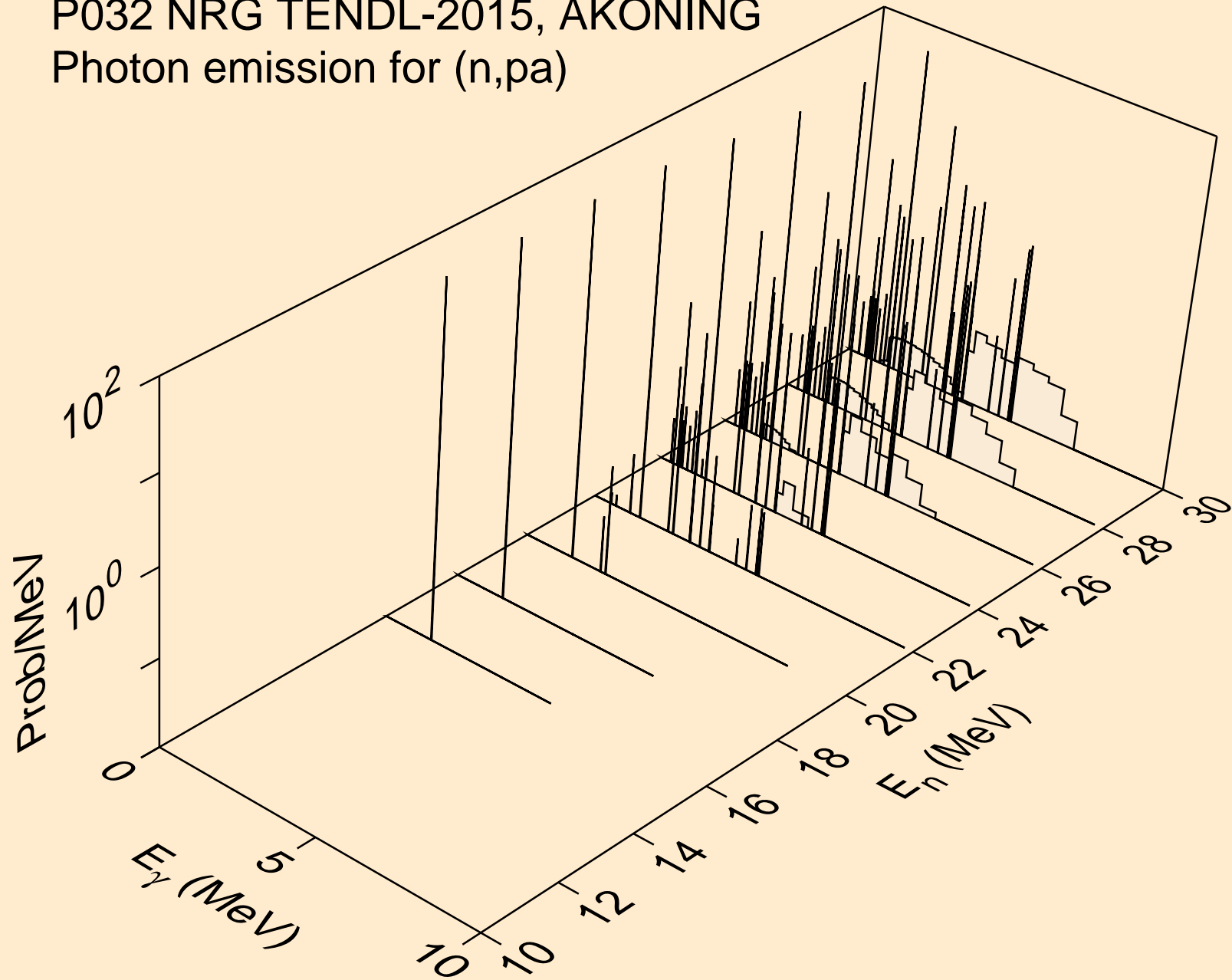


P032 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

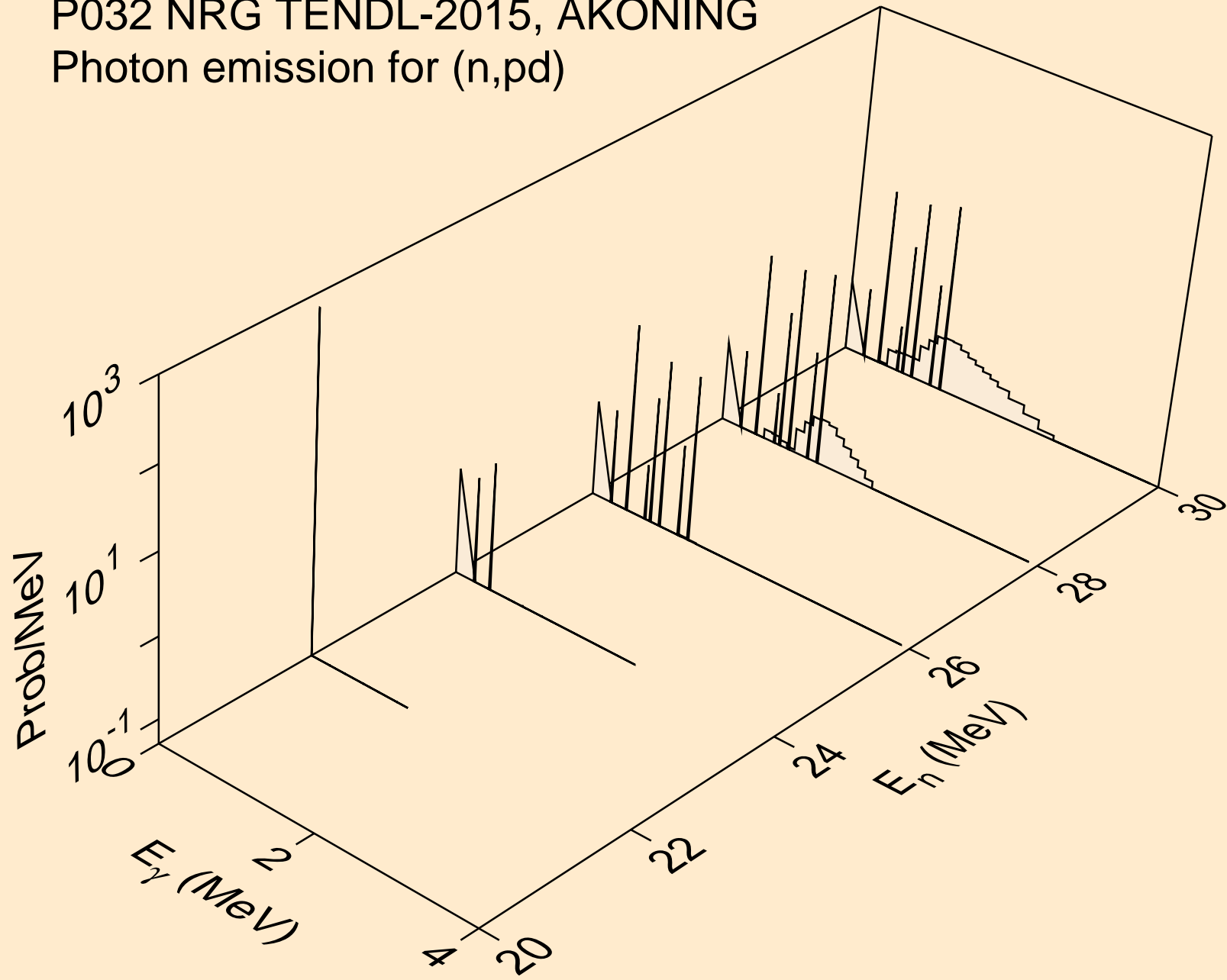




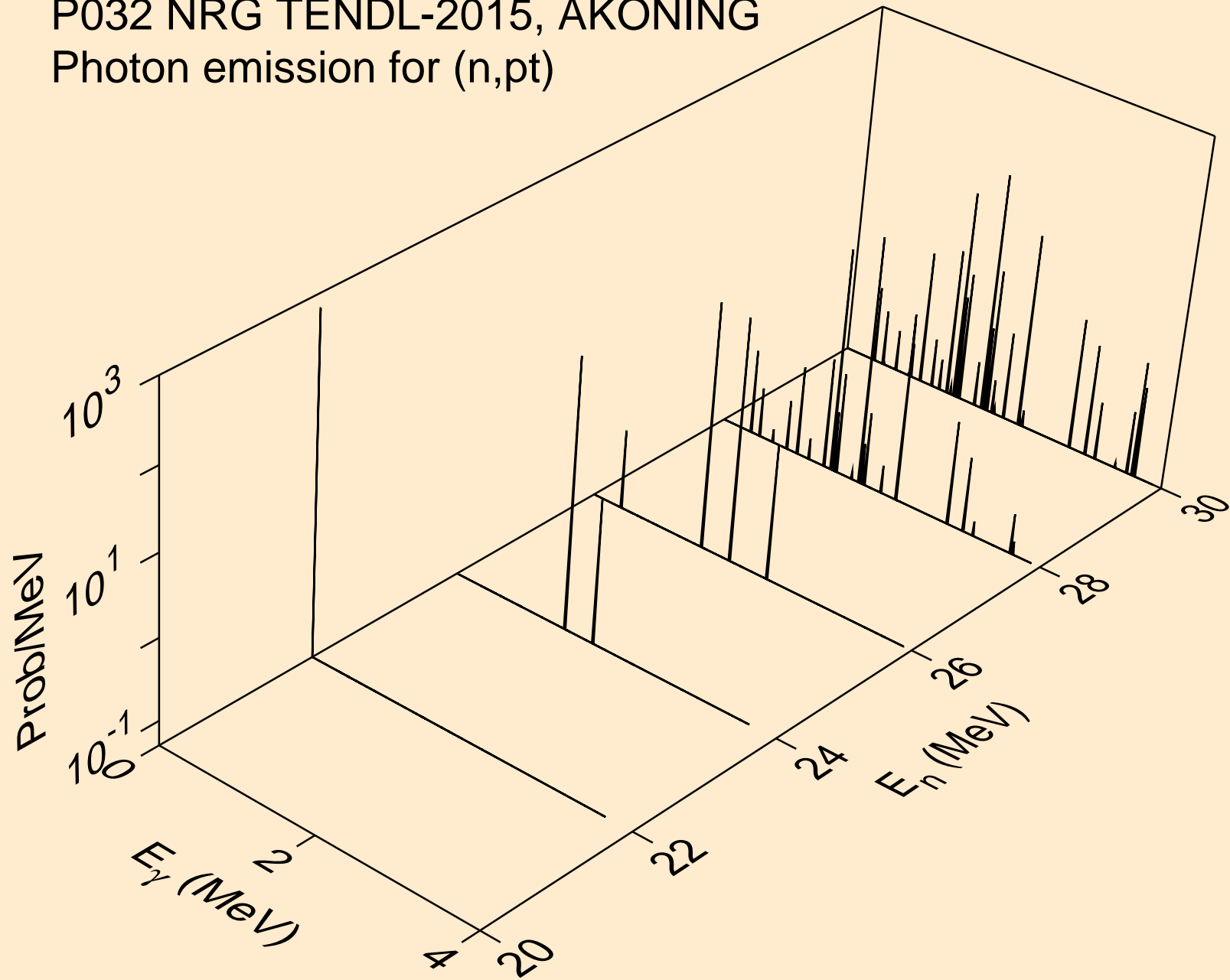
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Photon emission for (n,p)



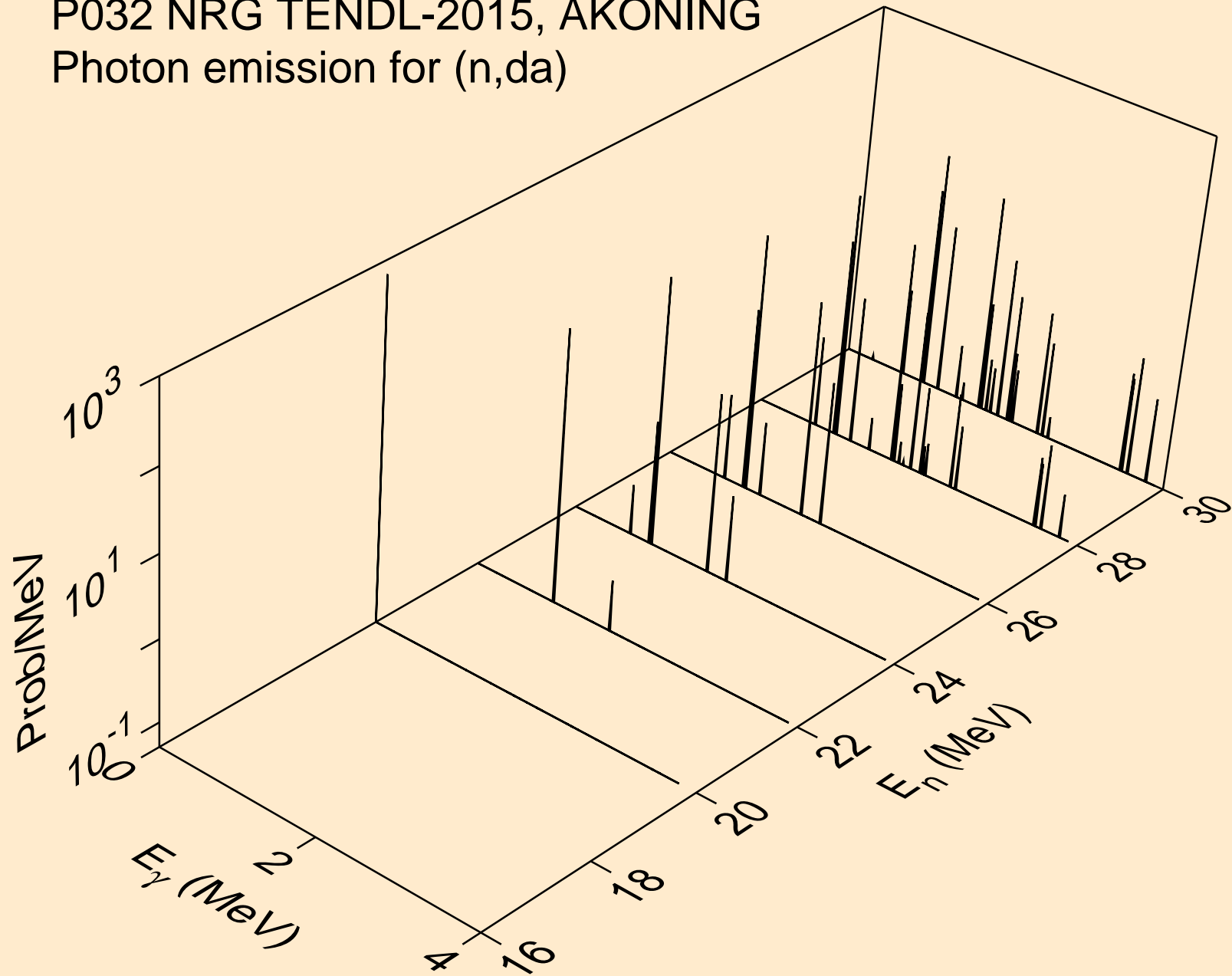
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



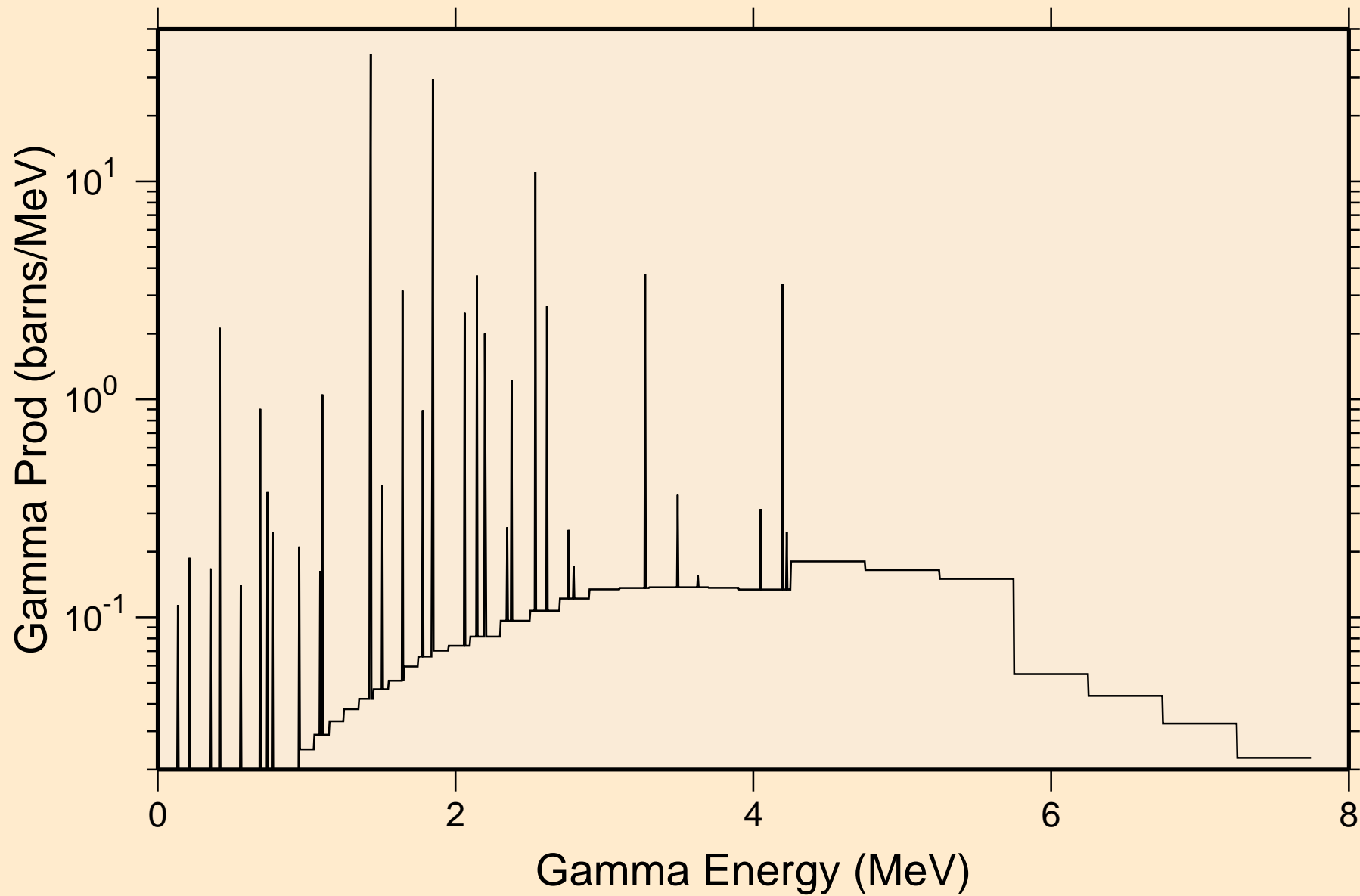
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



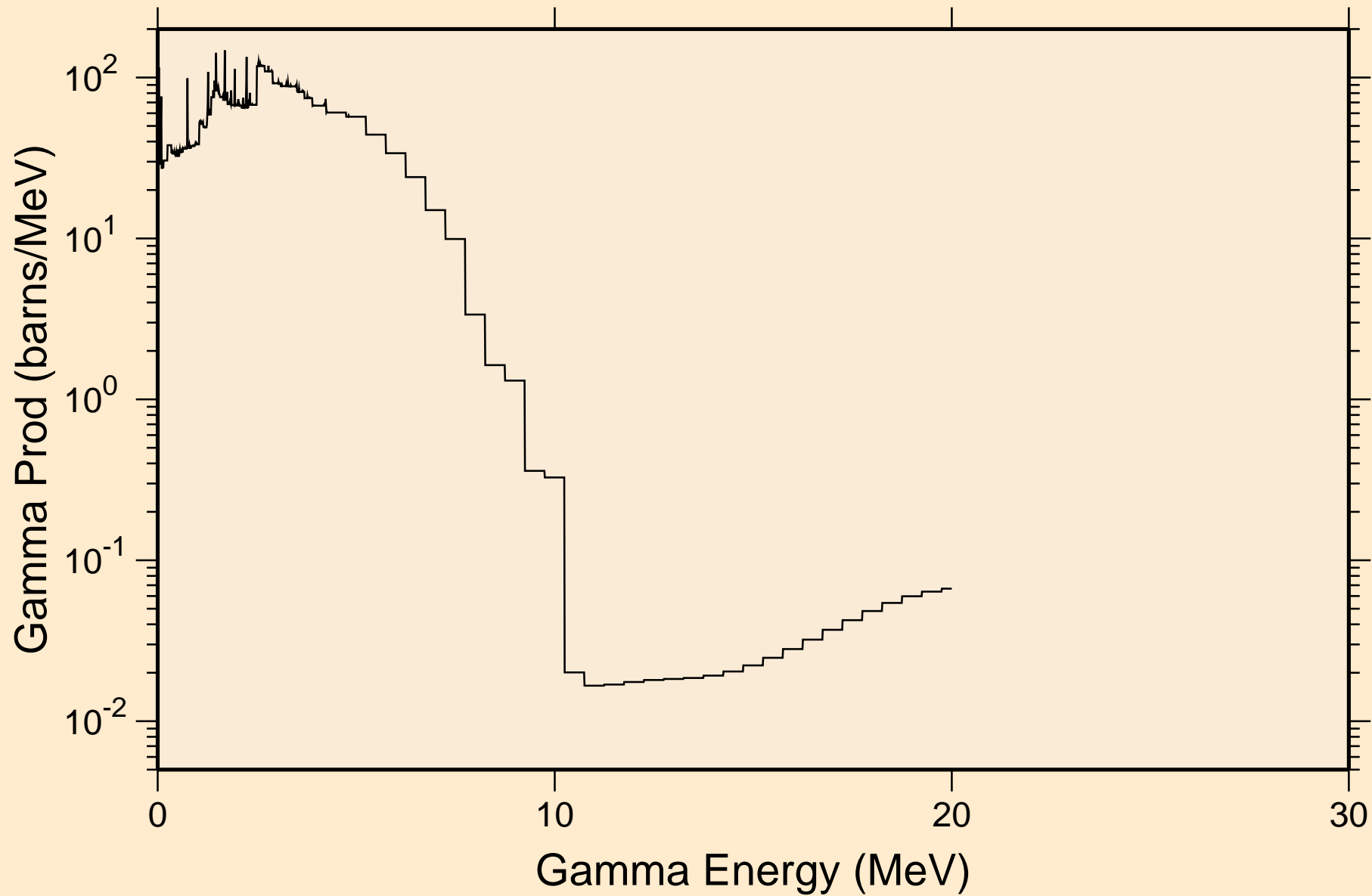
P032 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



P032 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

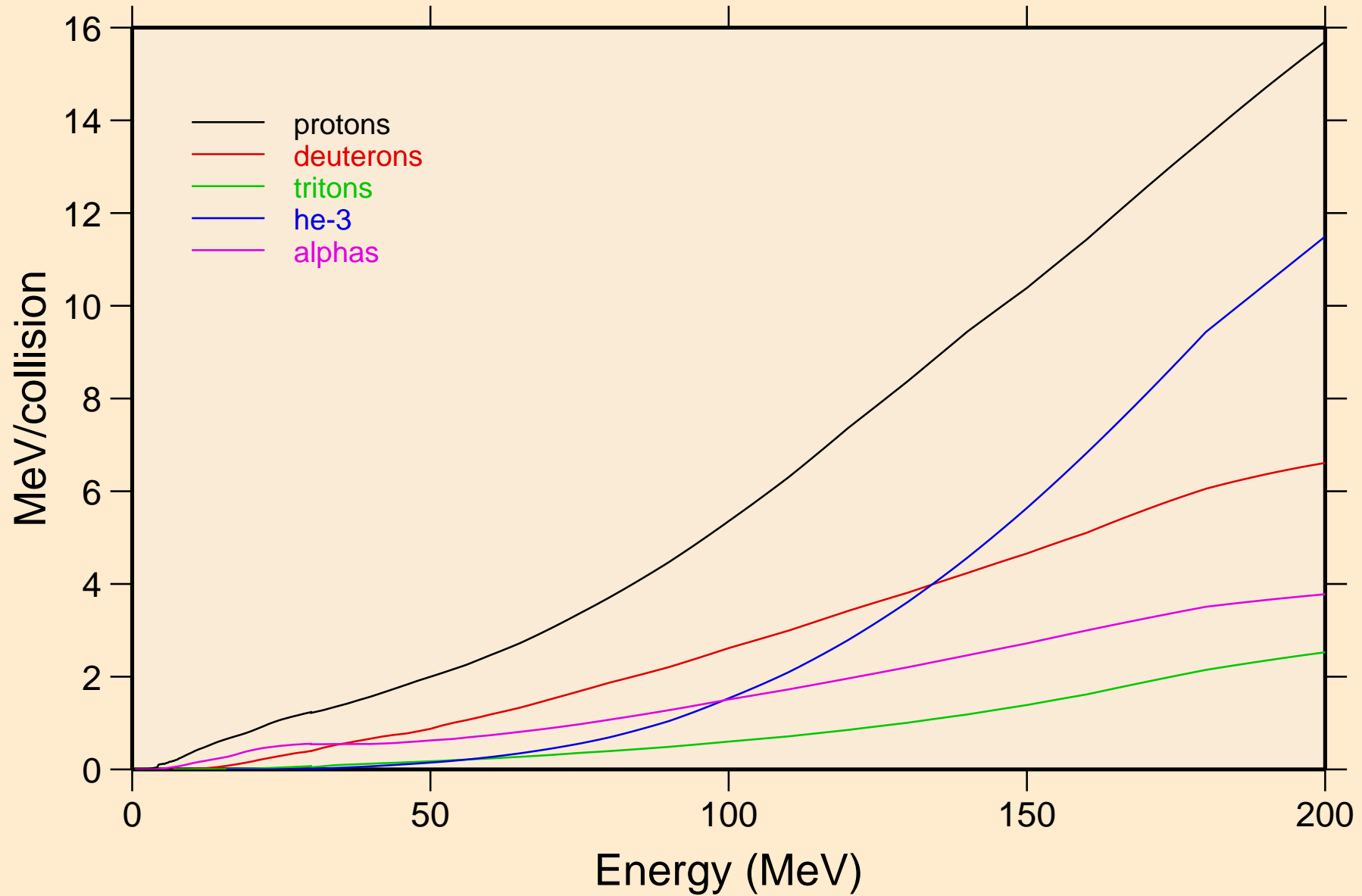


P032 NRG TENDL-2015, AKONING  
14 MeV photon spectrum

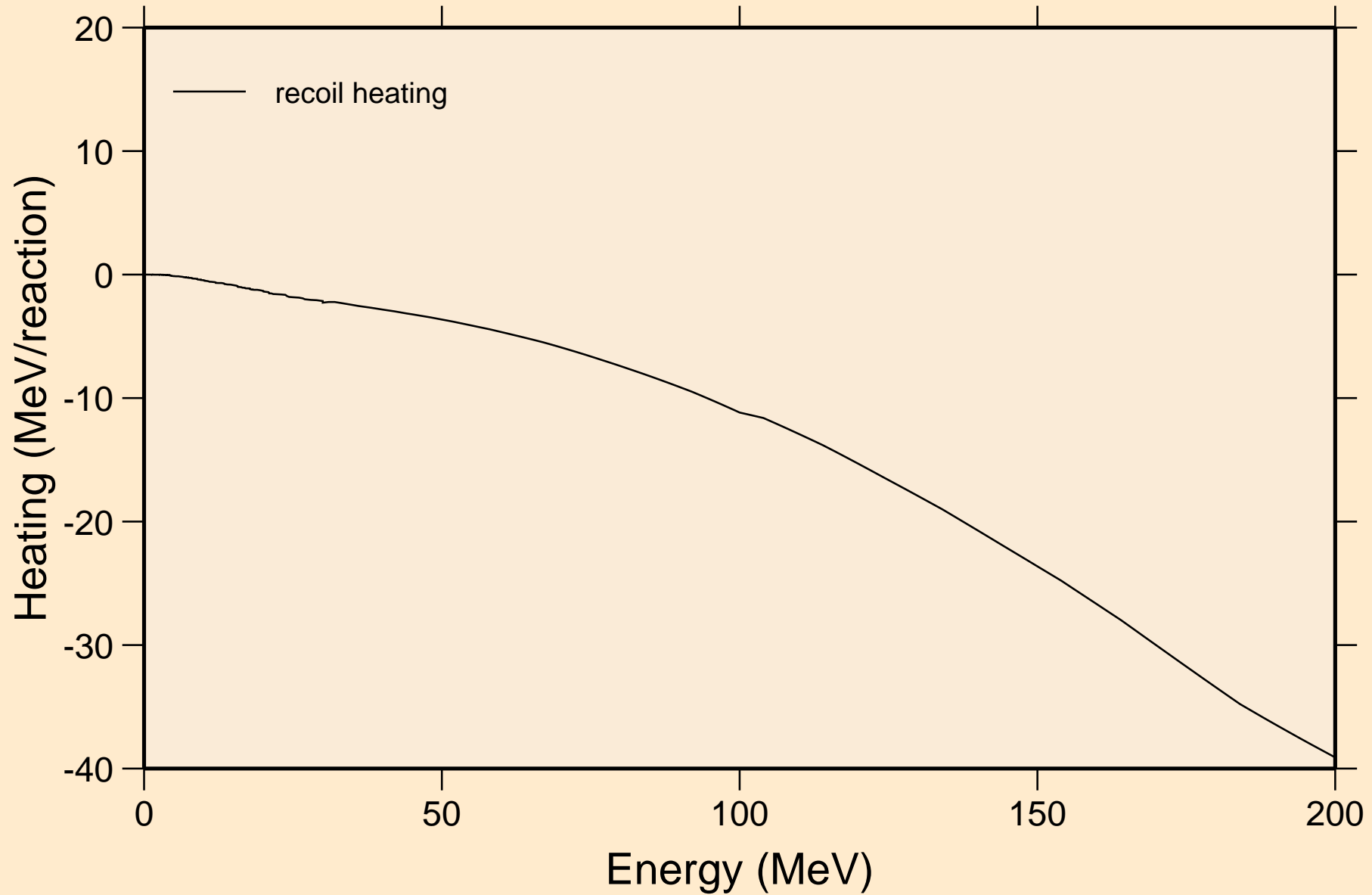


# P032 NRG TENDL-2015, AKONING

## Particle heating contributions



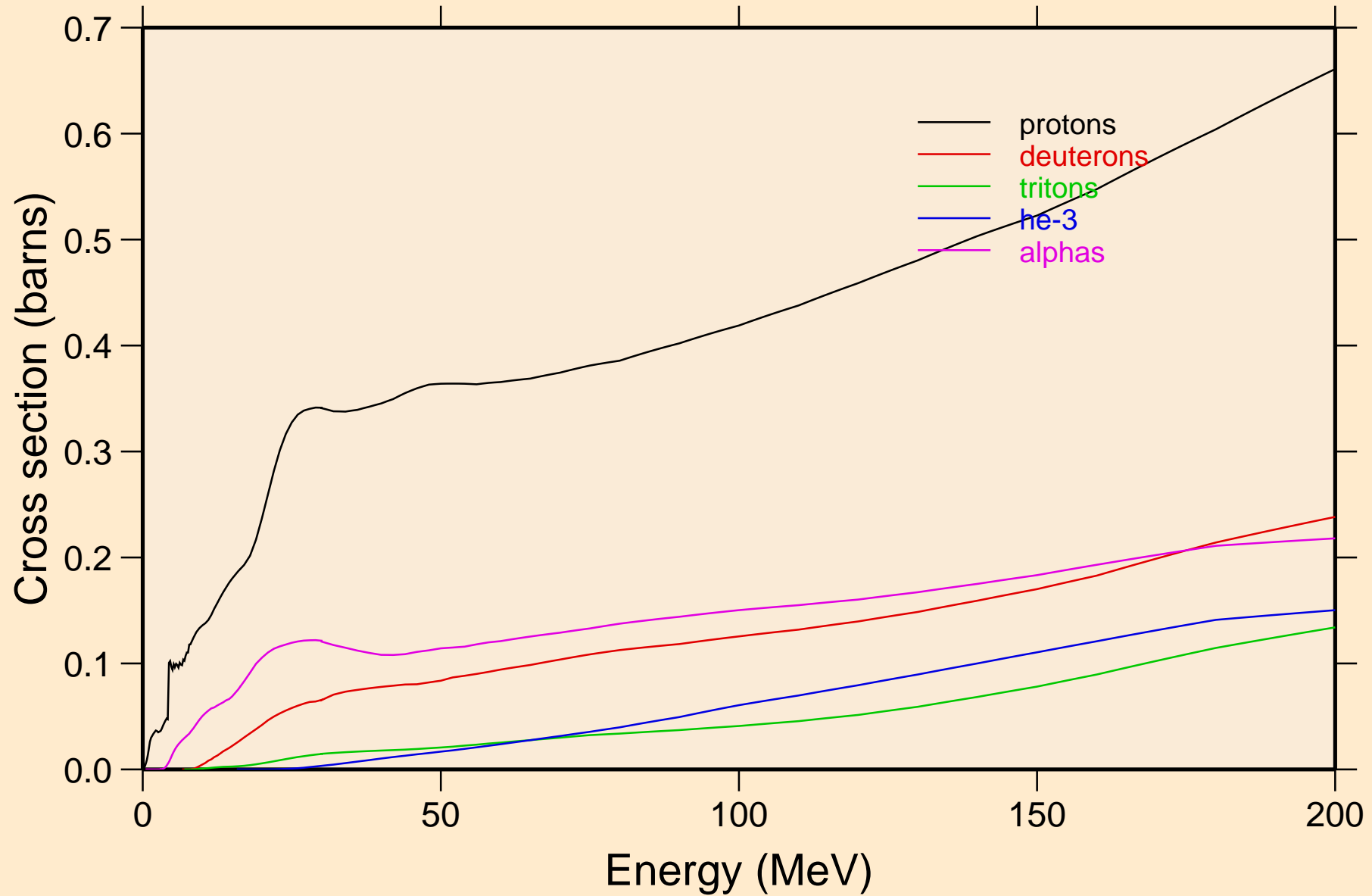
P032 NRG TENDL-2015, AKONING  
Recoil Heating



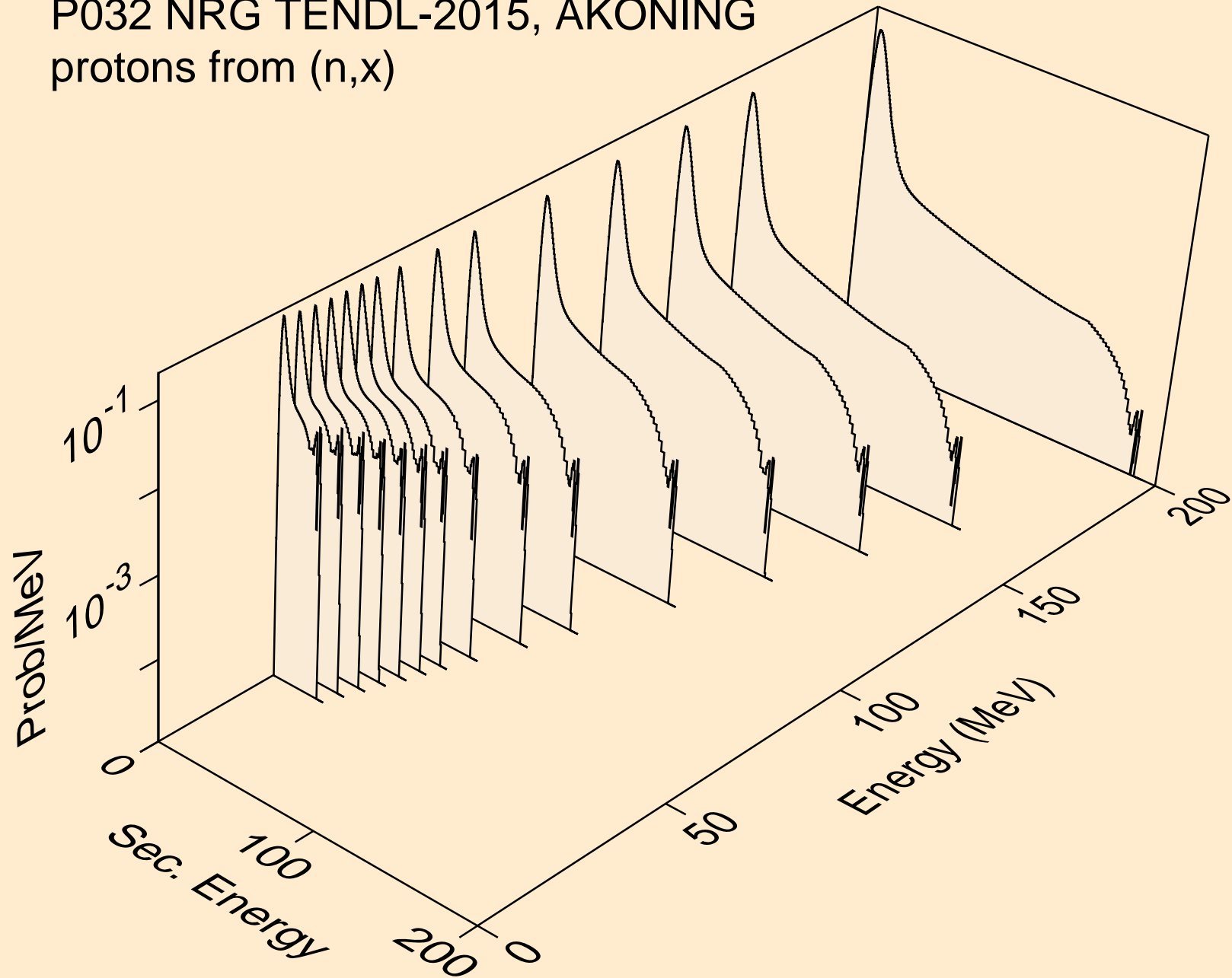


# P032 NRG TENDL-2015, AKONING

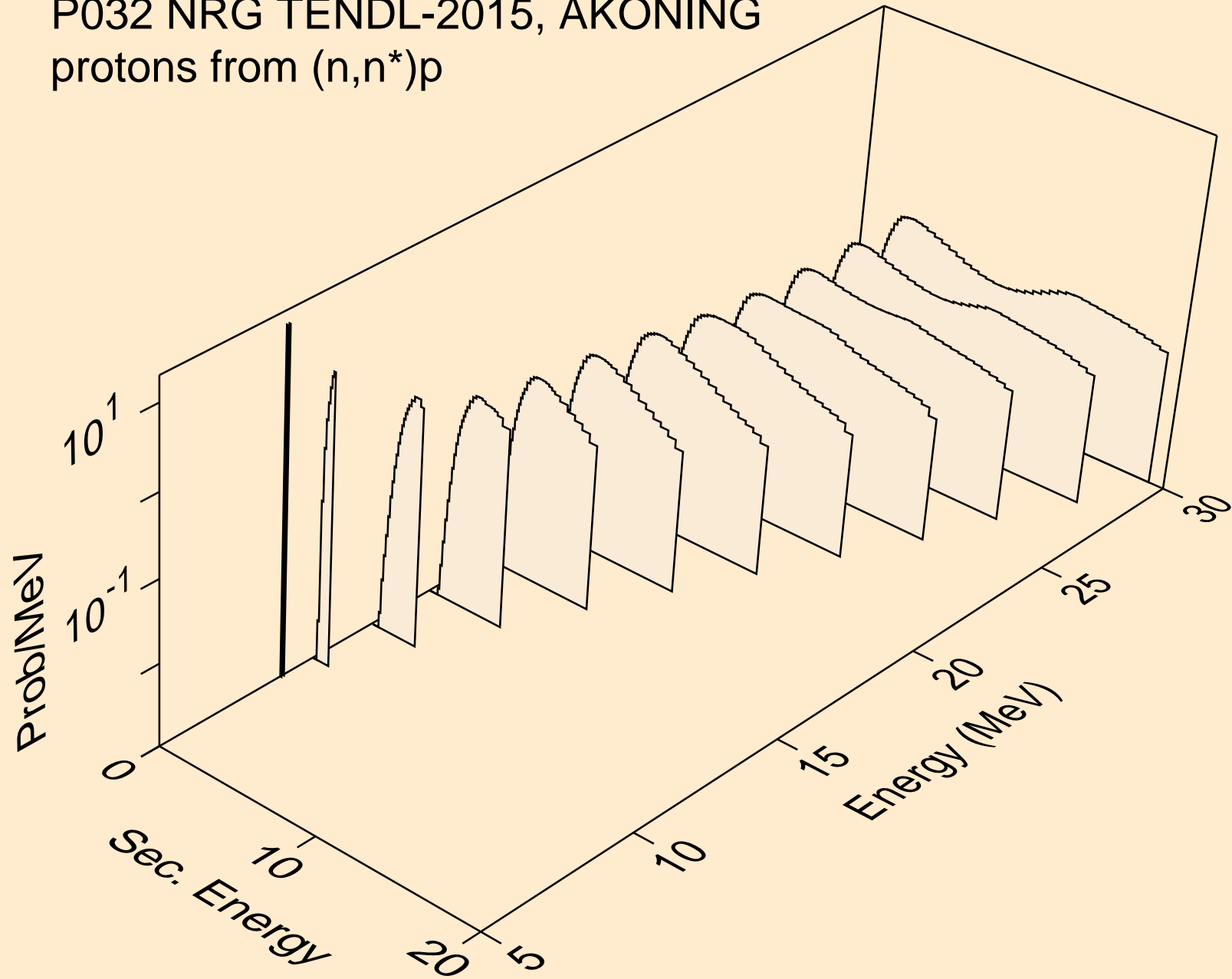
## Particle production cross sections



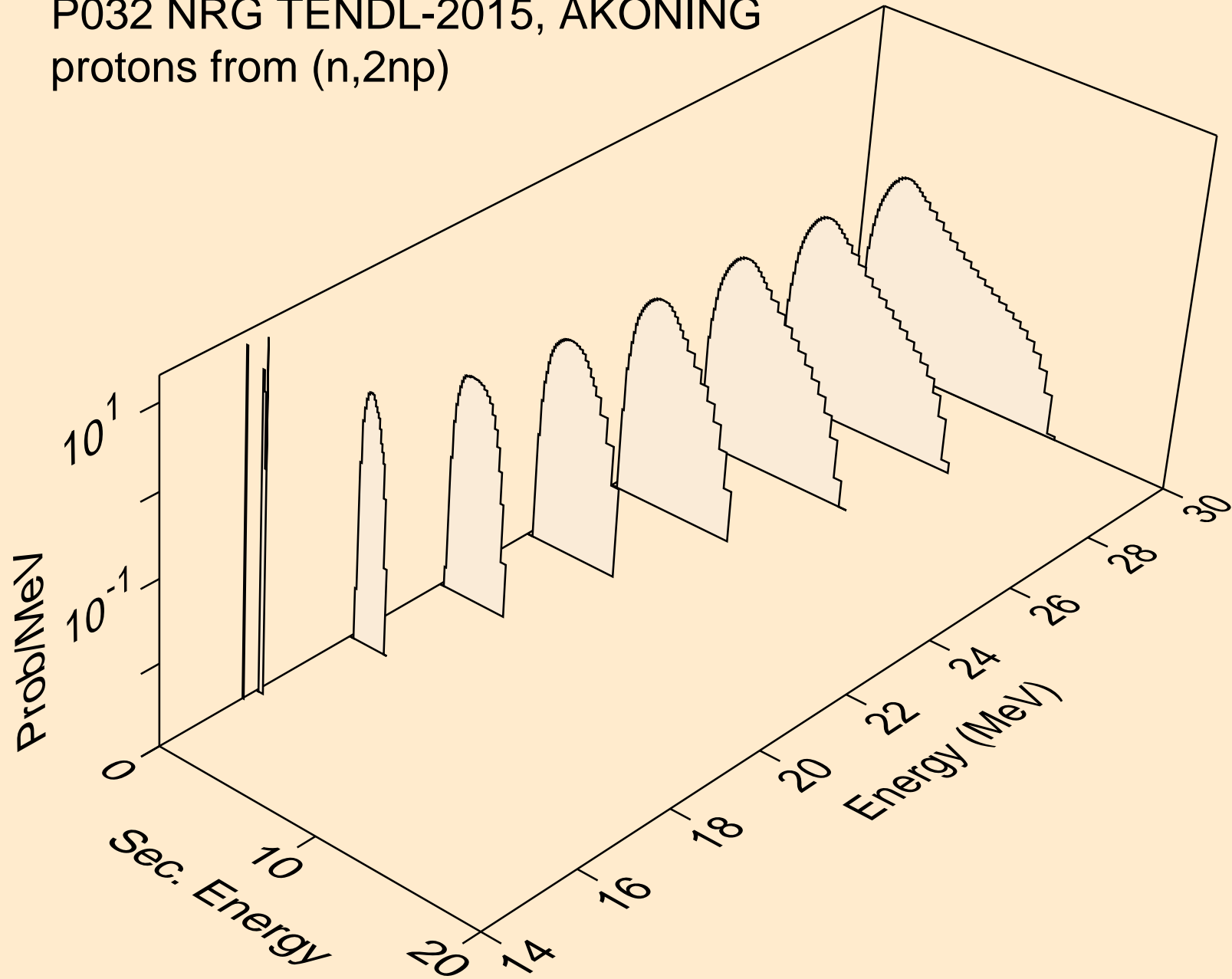
P032 NRG TENDL-2015, AKONING  
protons from (n,x)



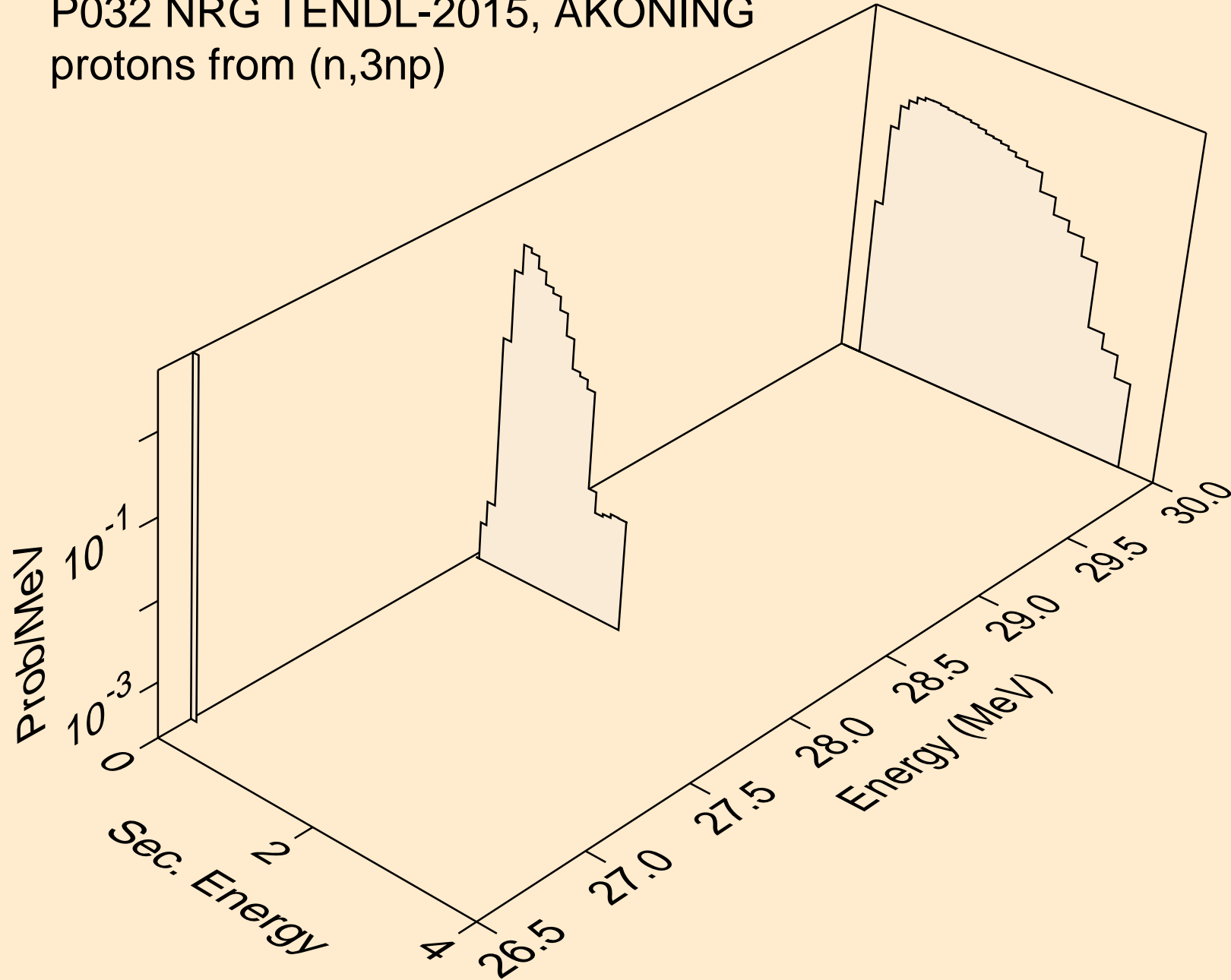
P032 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



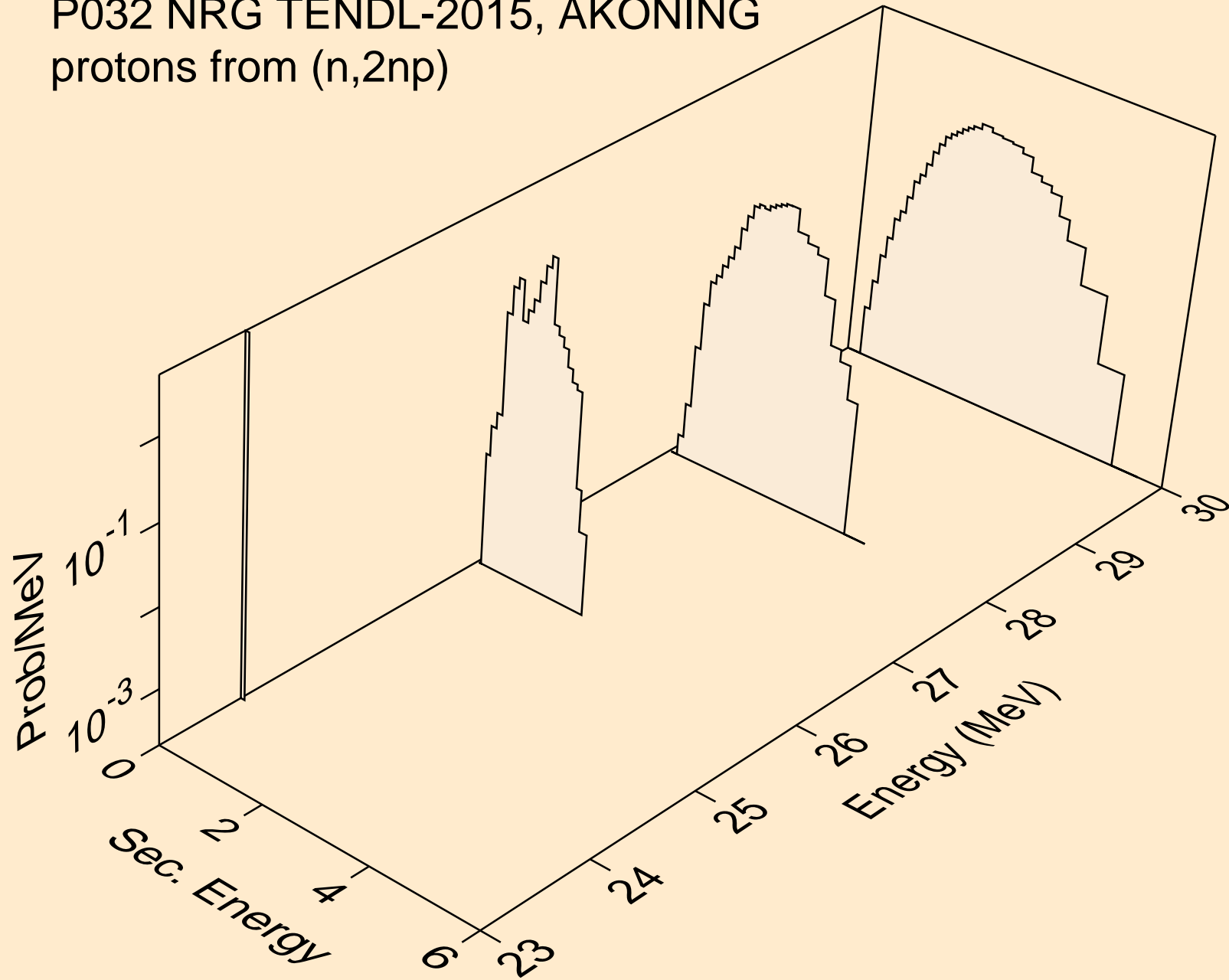
P032 NRG TENDL-2015, AKONING  
protons from (n,2np)



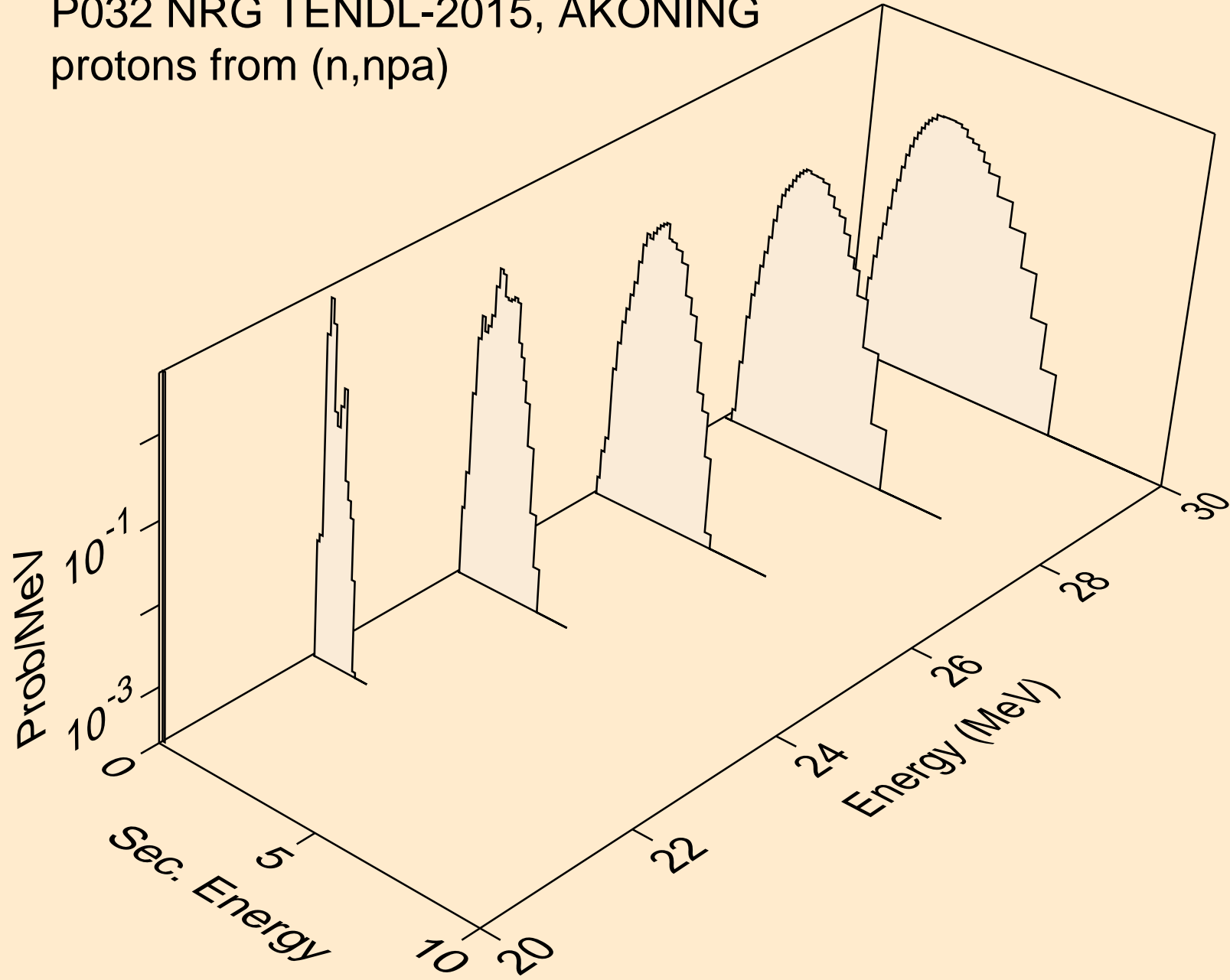
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protons from (n,3np)



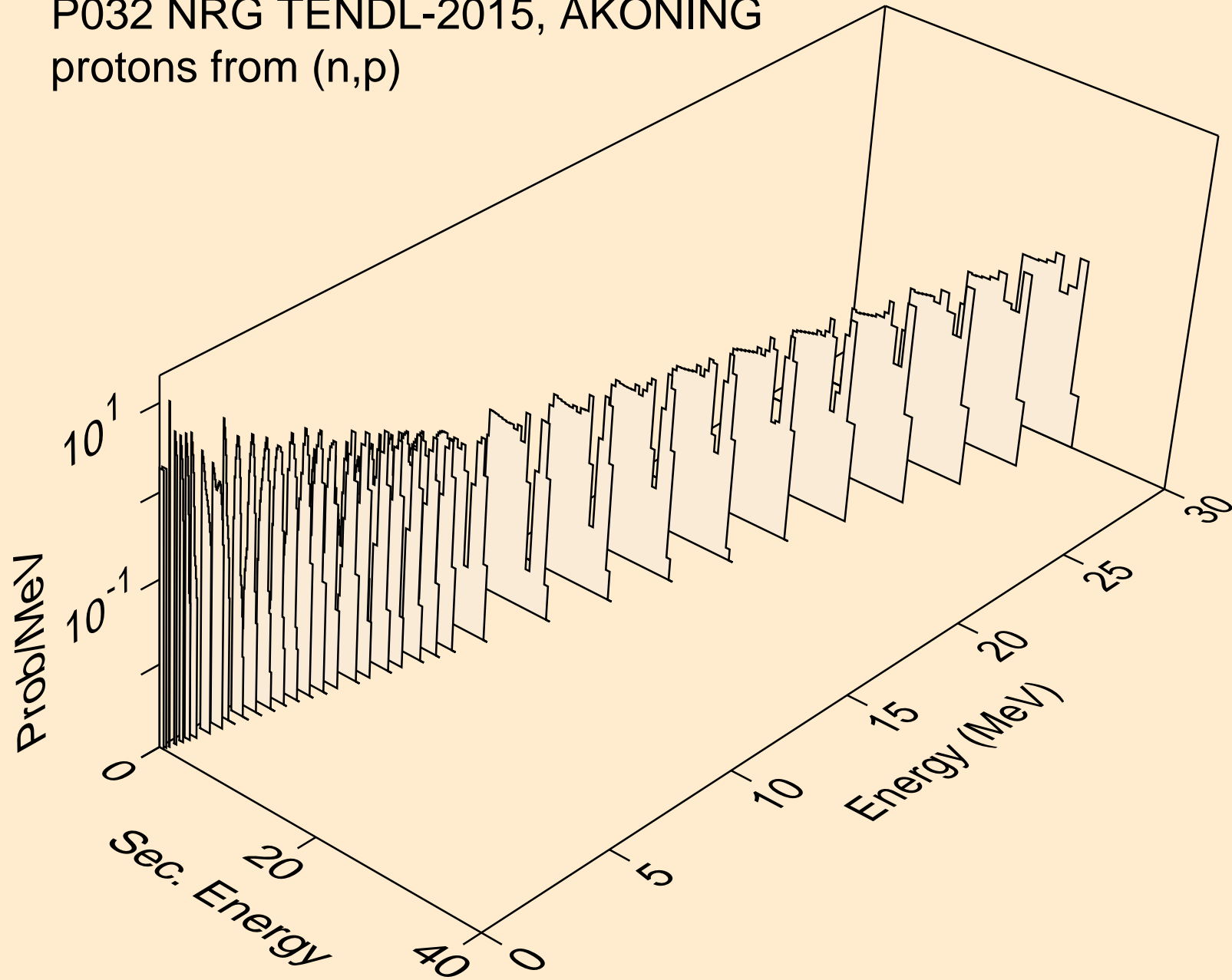
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protons from (n,2np)



P032 NRG TENDL-2015, AKONING  
protons from (n,npa)

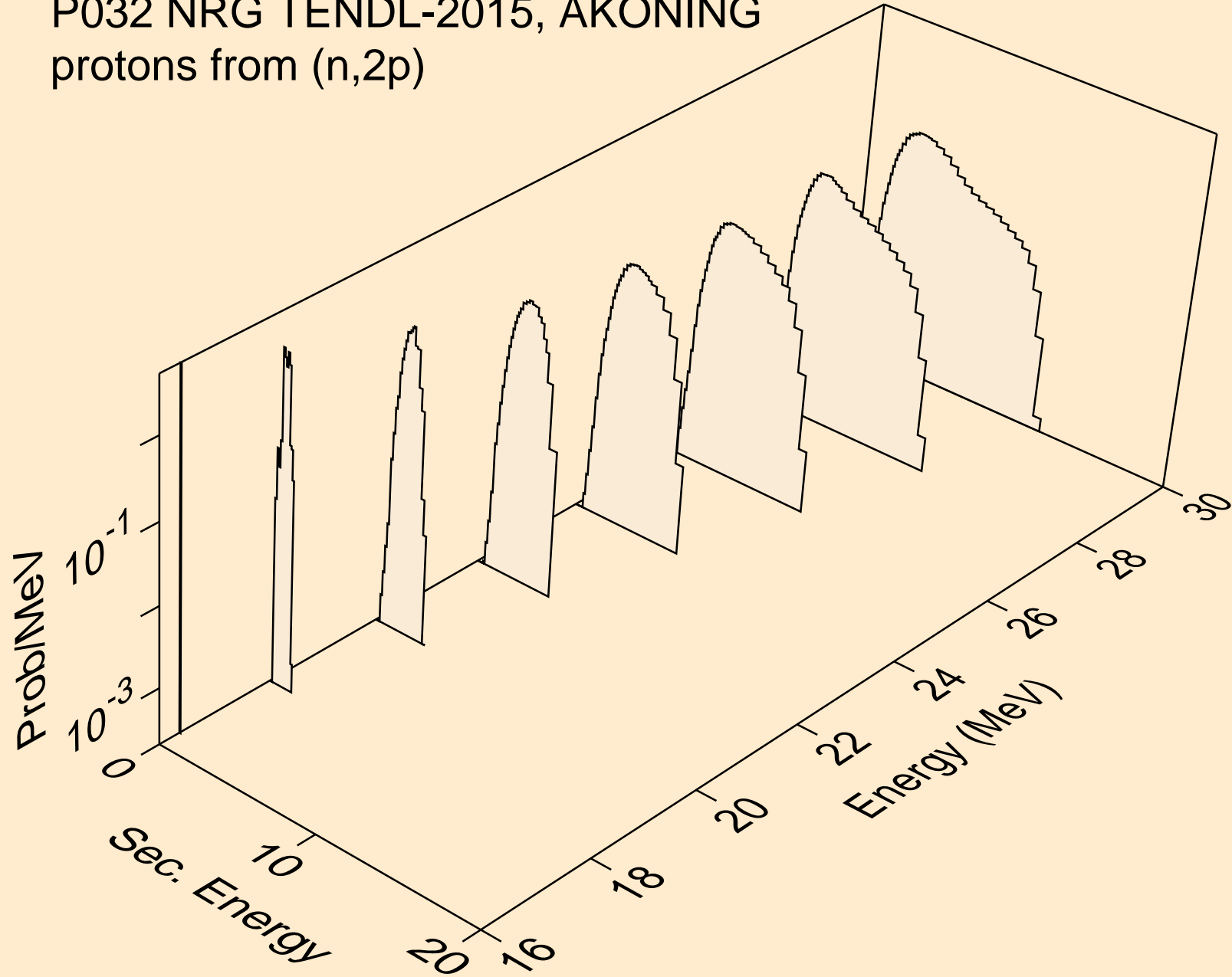


P032 NRG TENDL-2015, AKONING  
protons from (n,p)

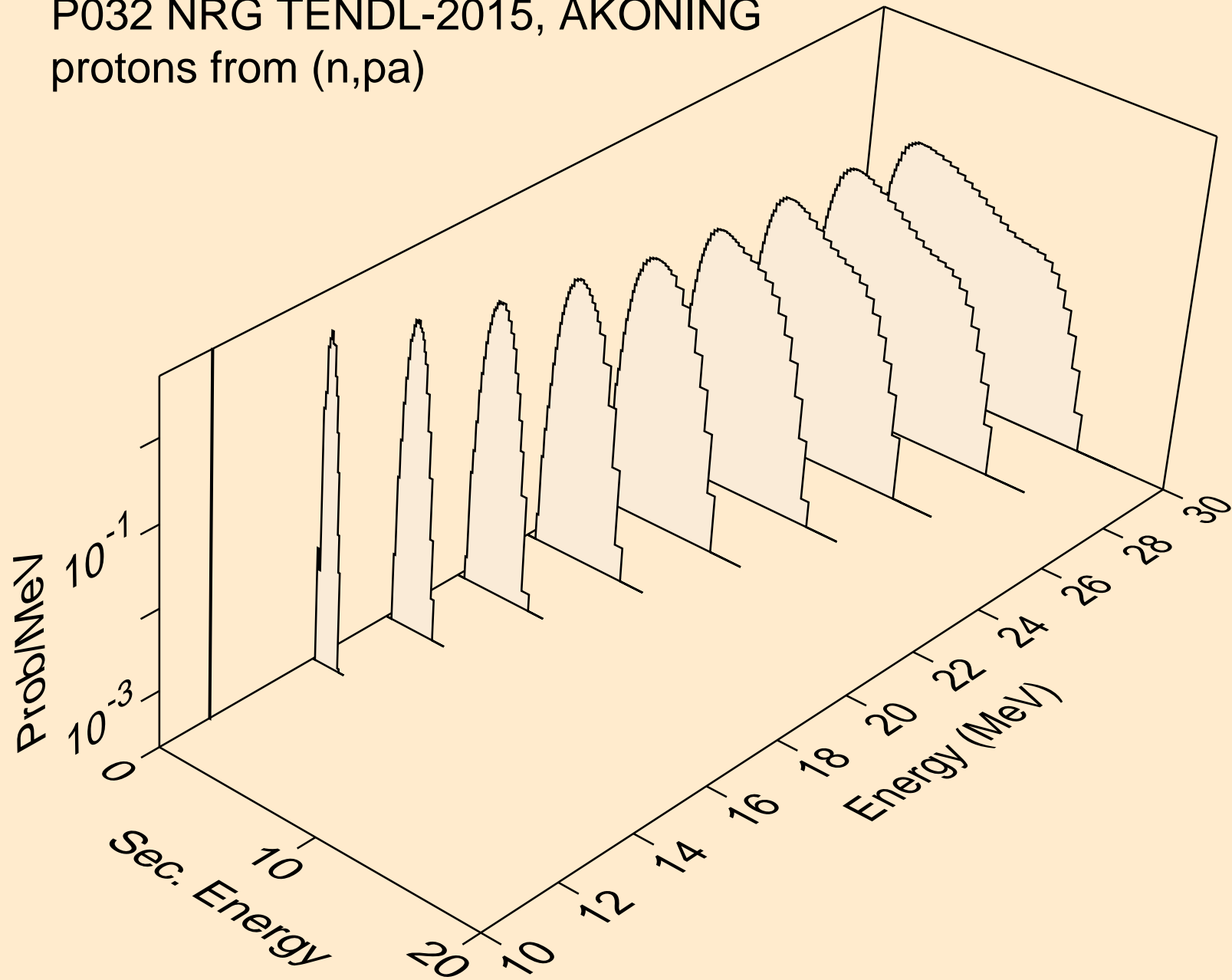




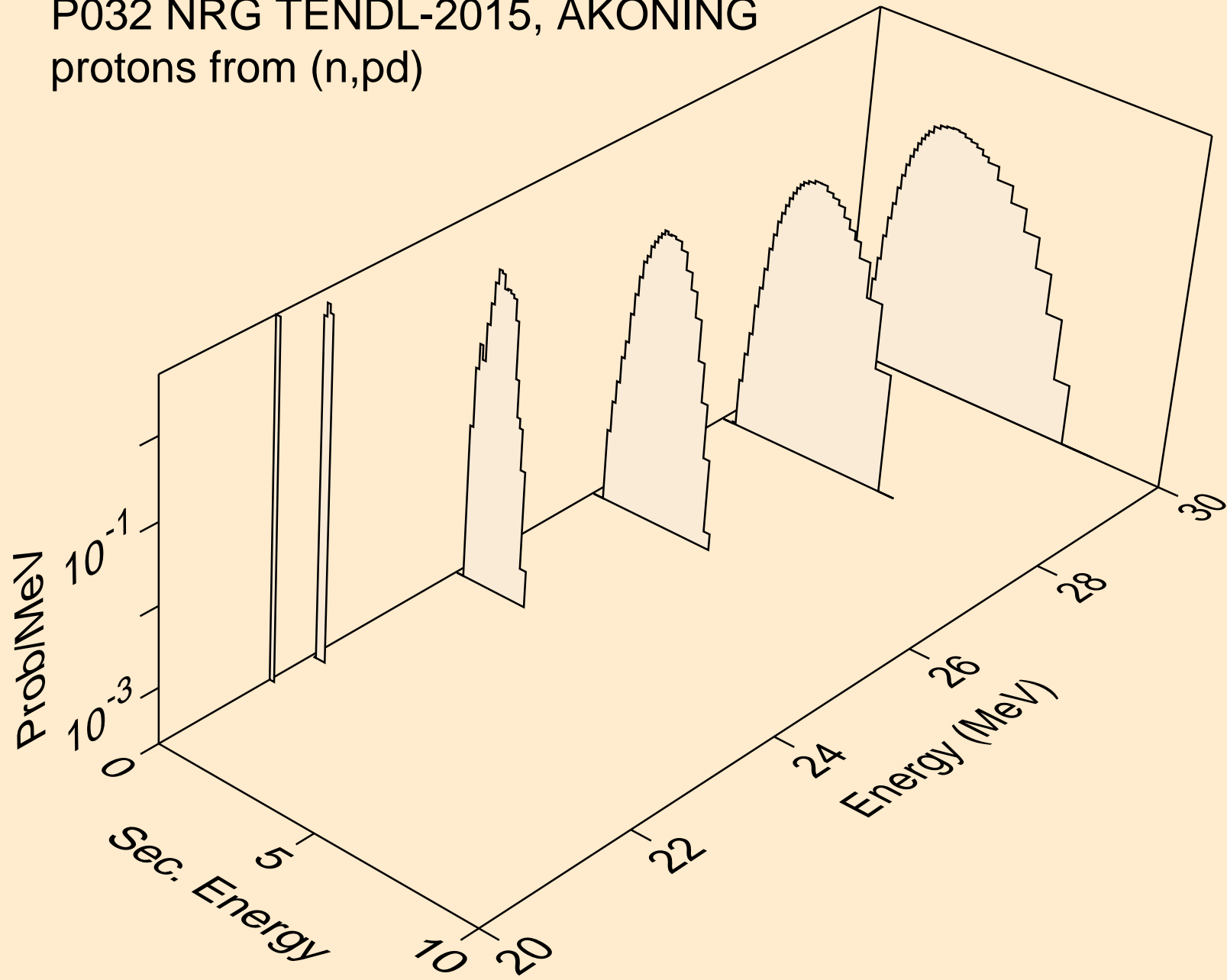
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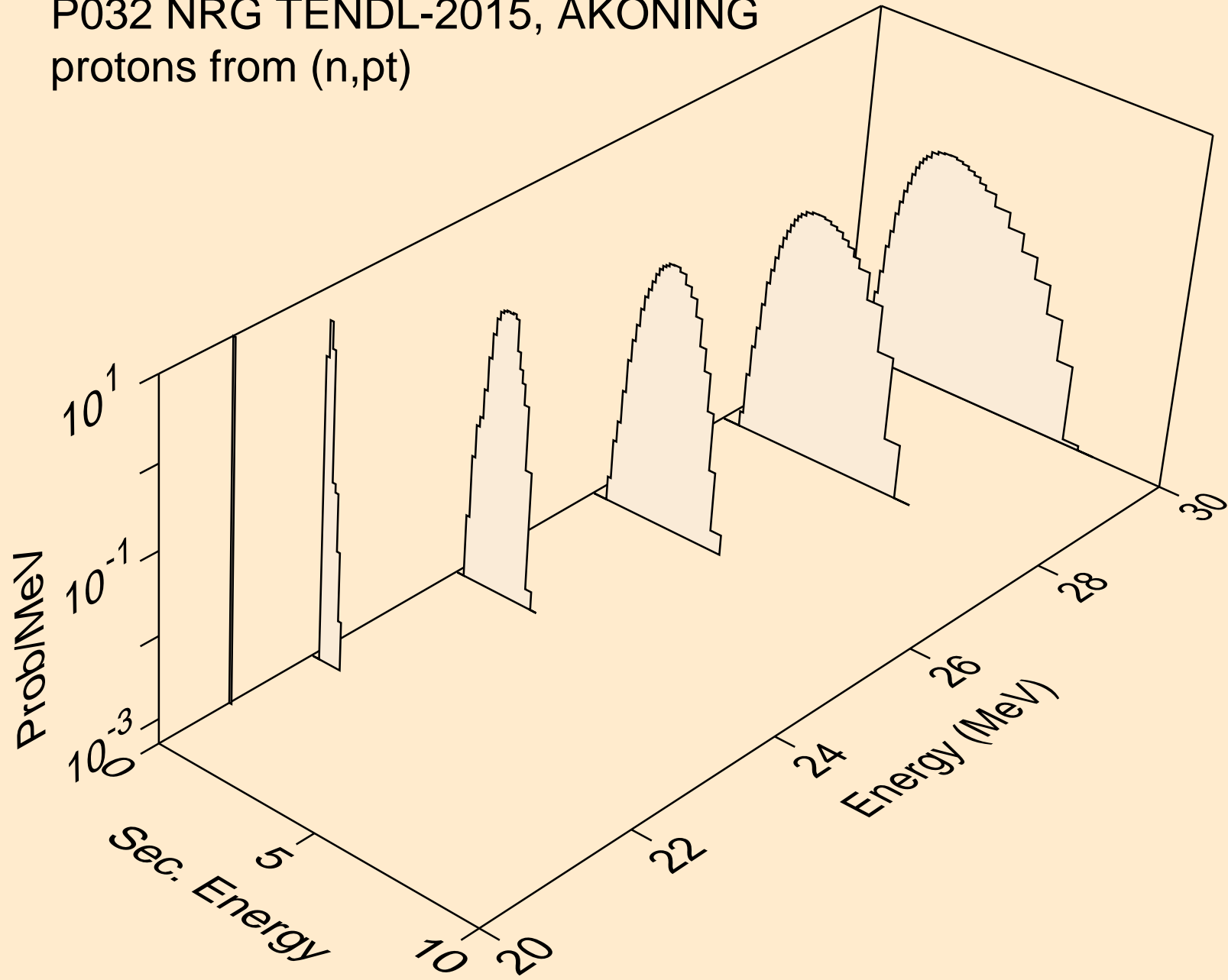
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protons from (n,pa)



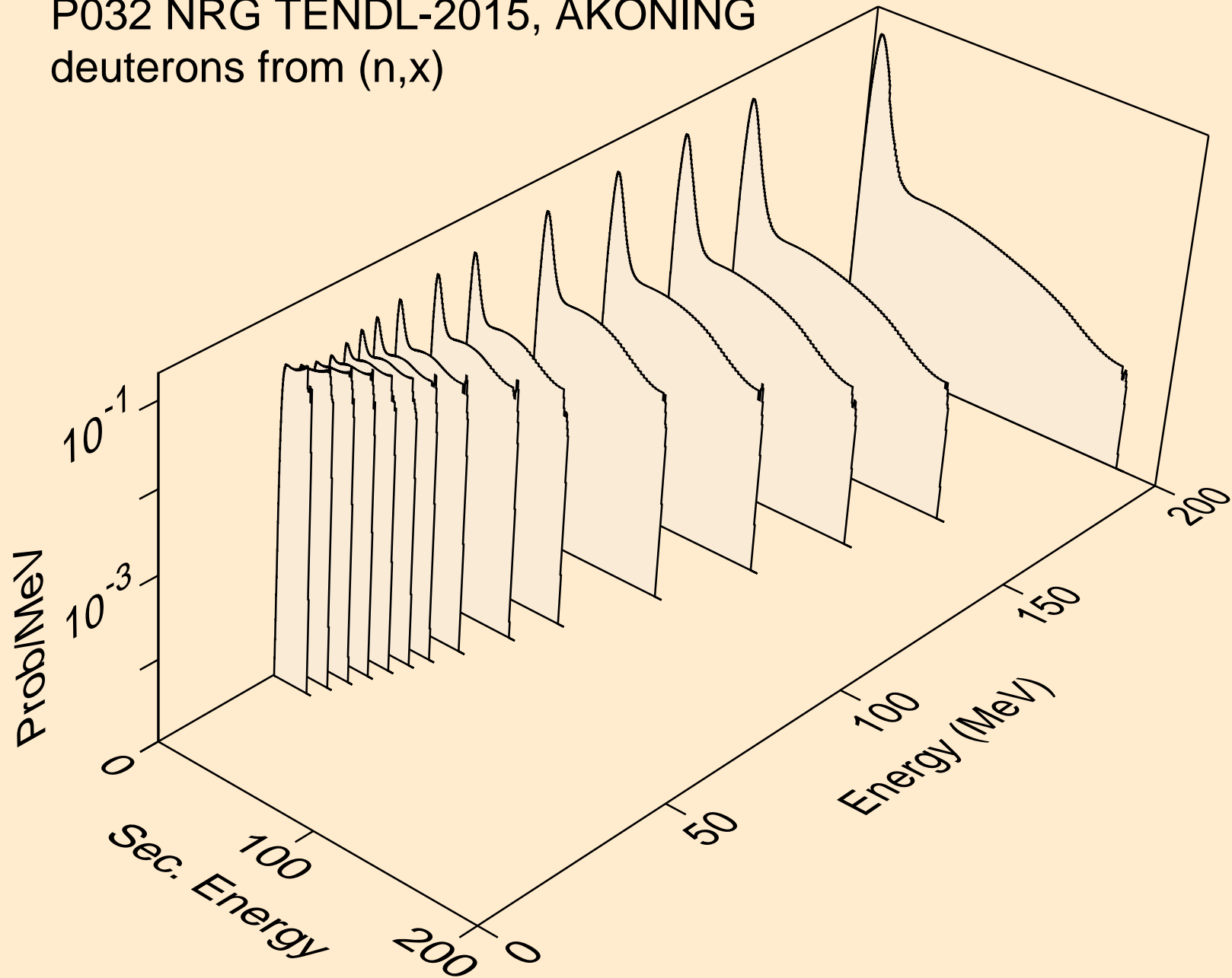
P032 NRG TENDL-2015, AKONING  
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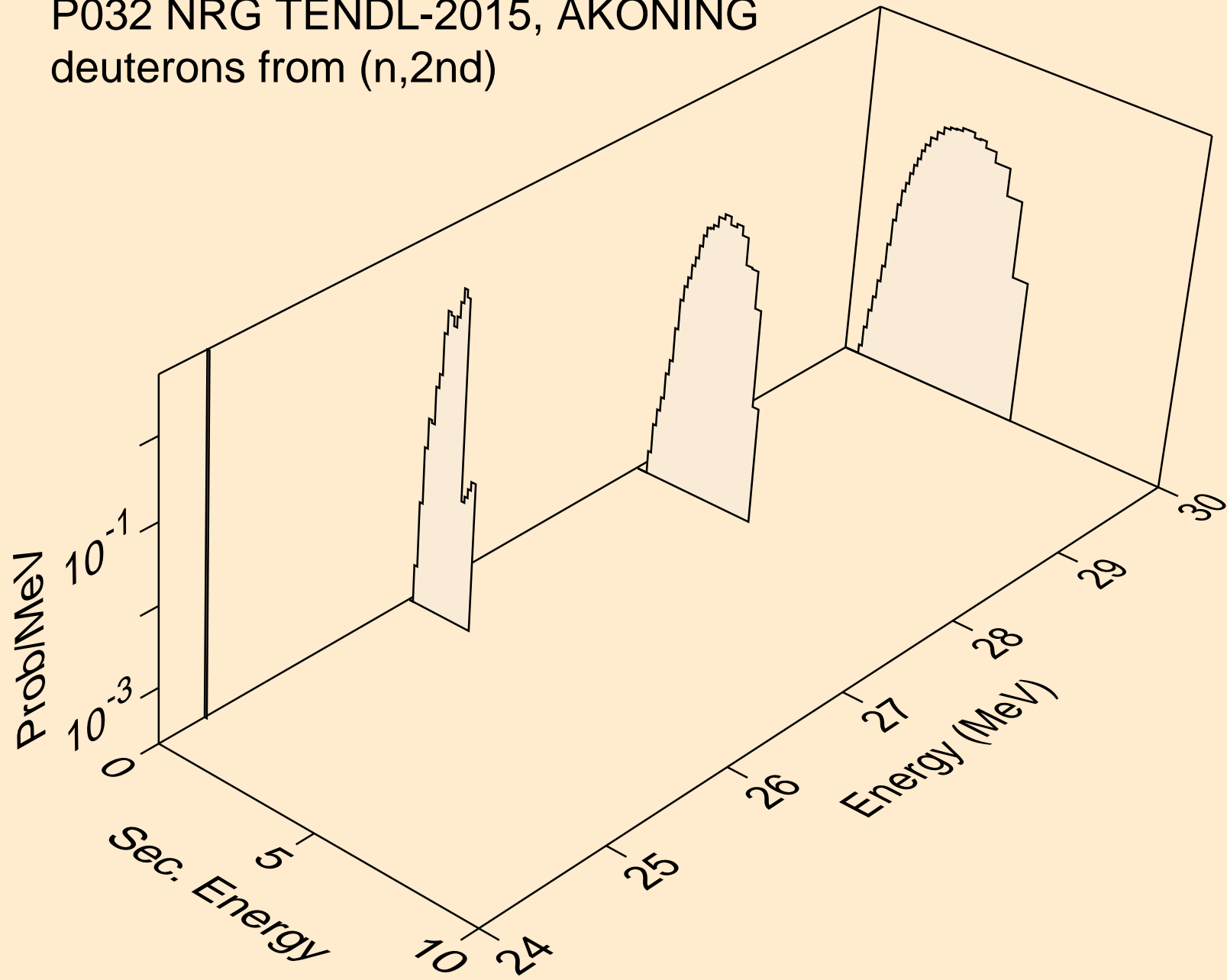
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protons from (n,pt)



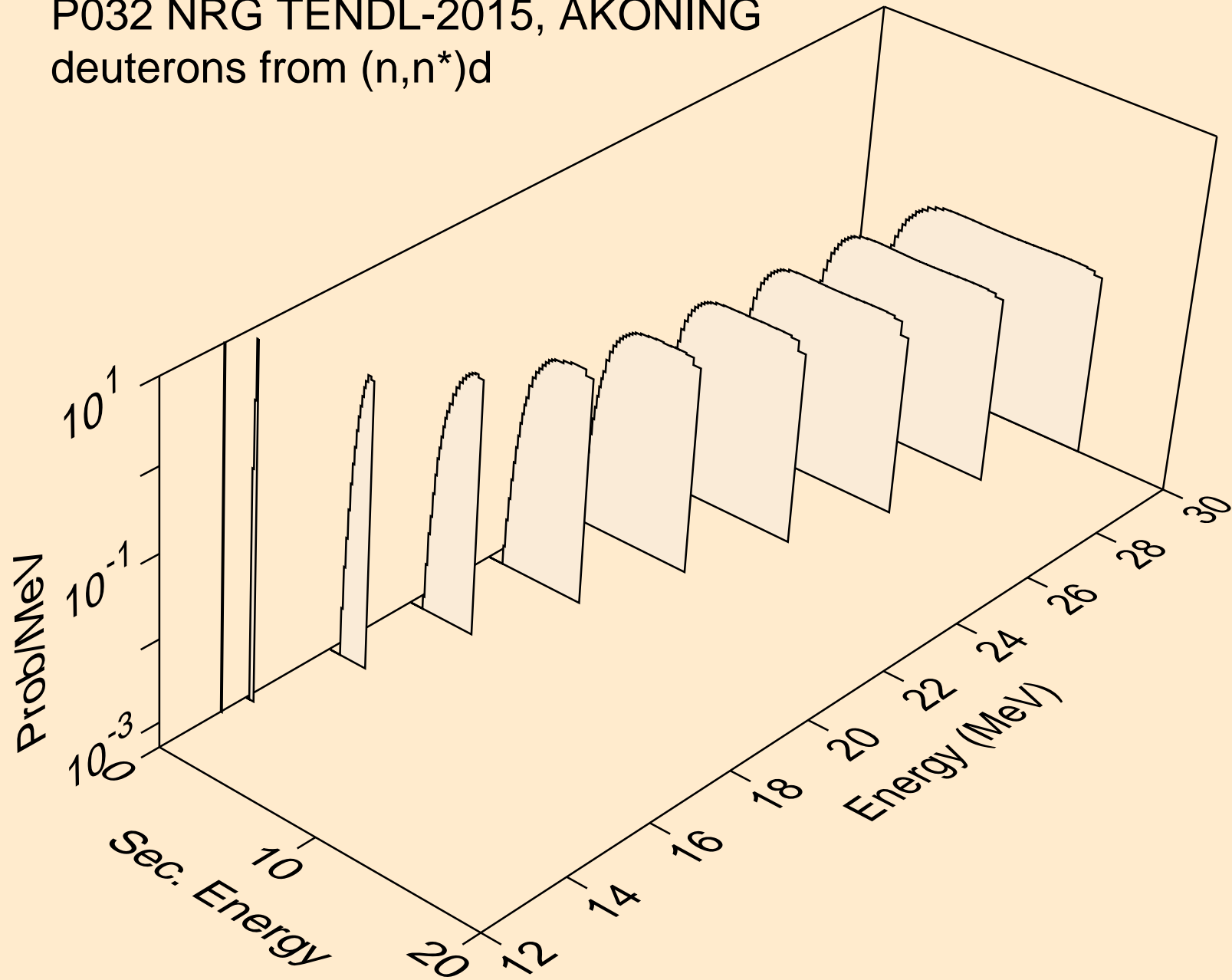
P032 NRG TENDL-2015, AKONING  
deuterons from (n,x)



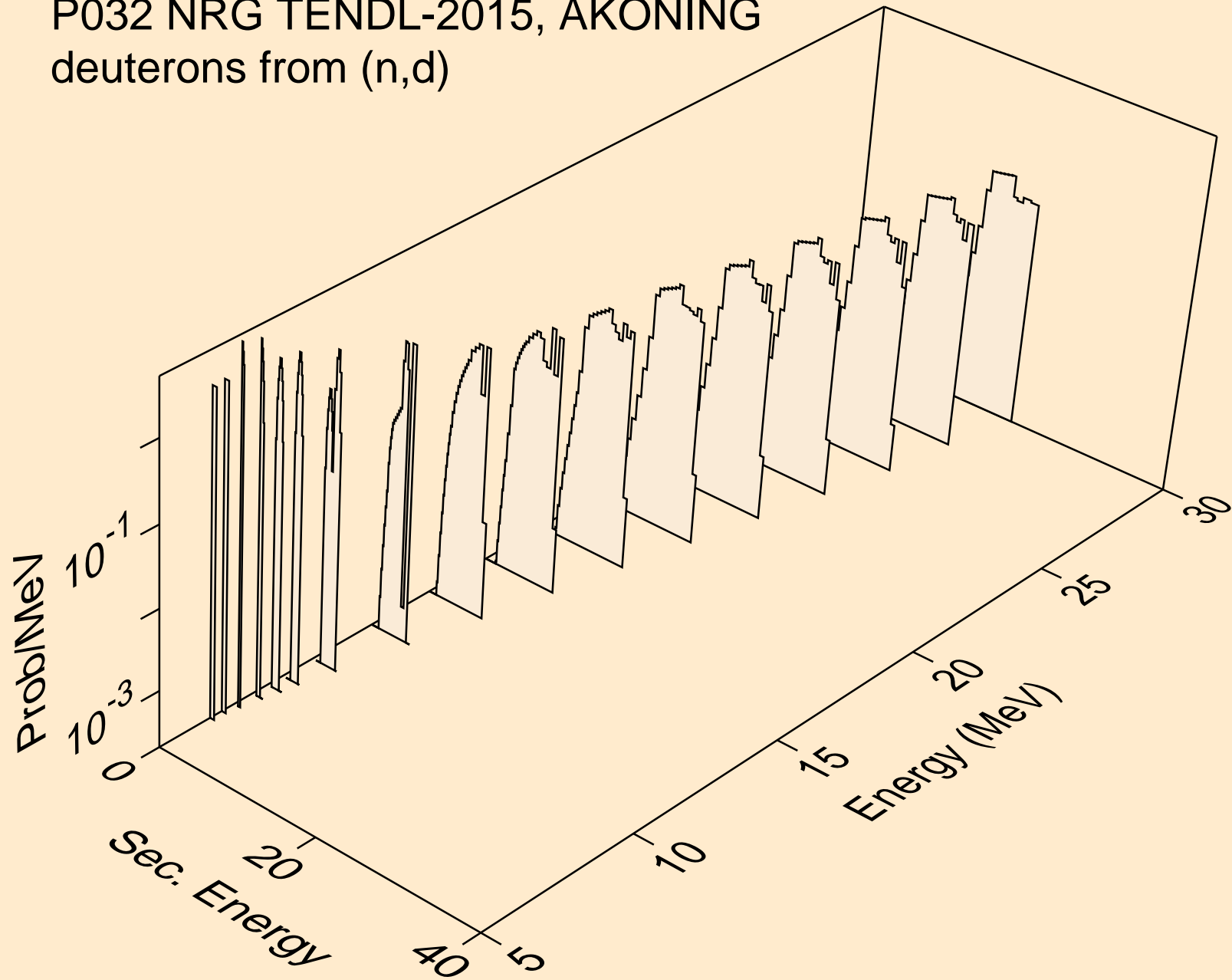
P032 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



P032 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

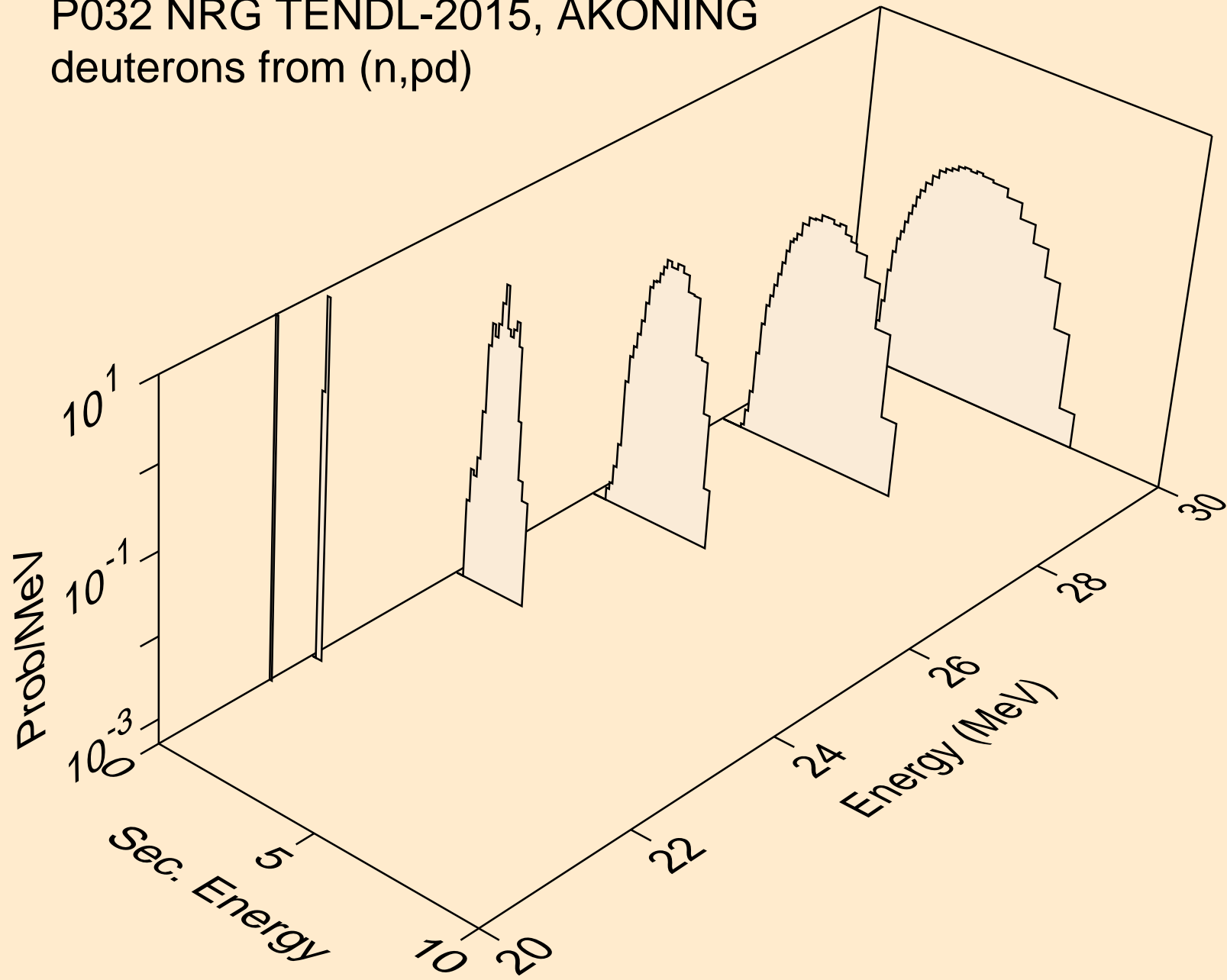


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deuterons from (n,d)

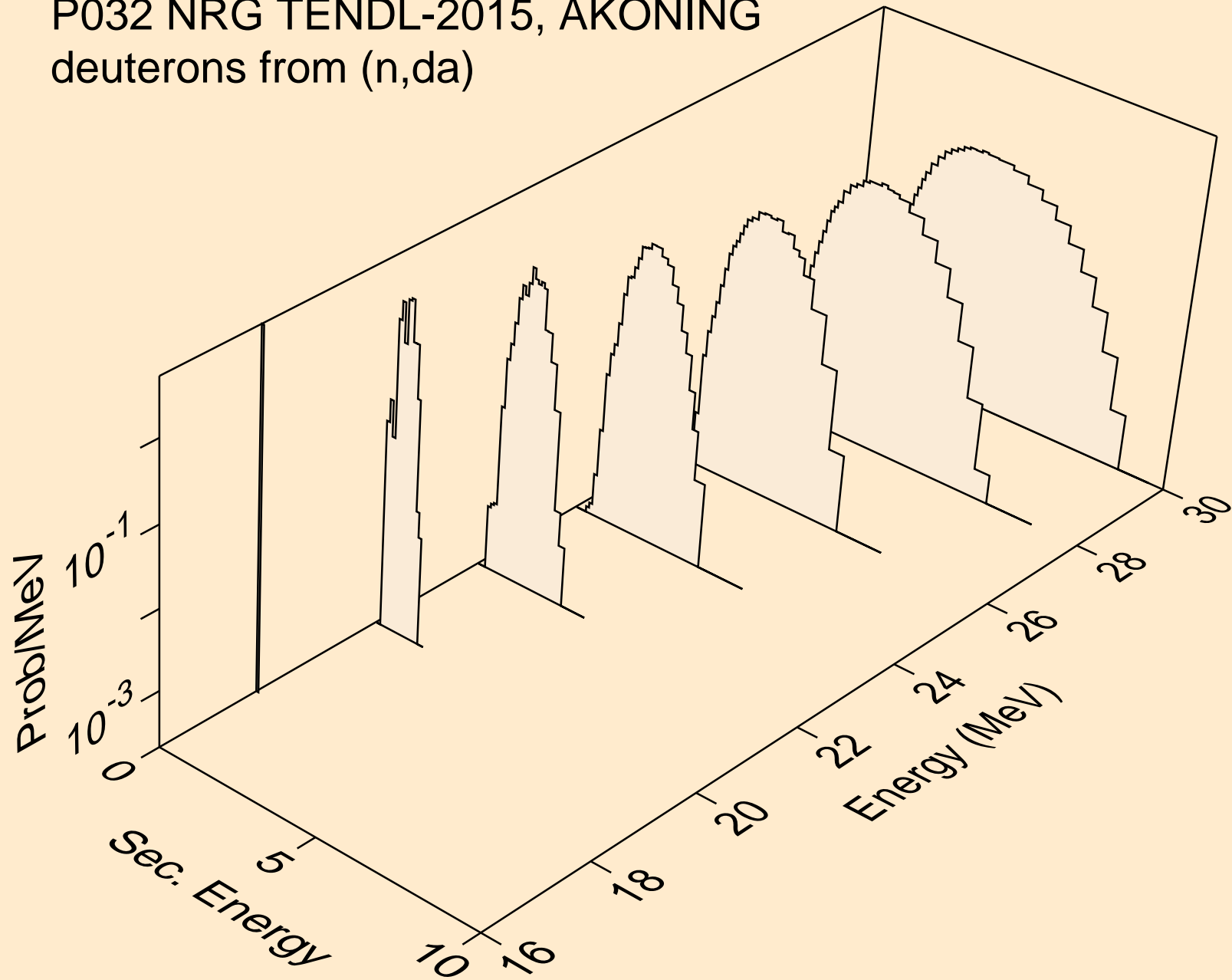




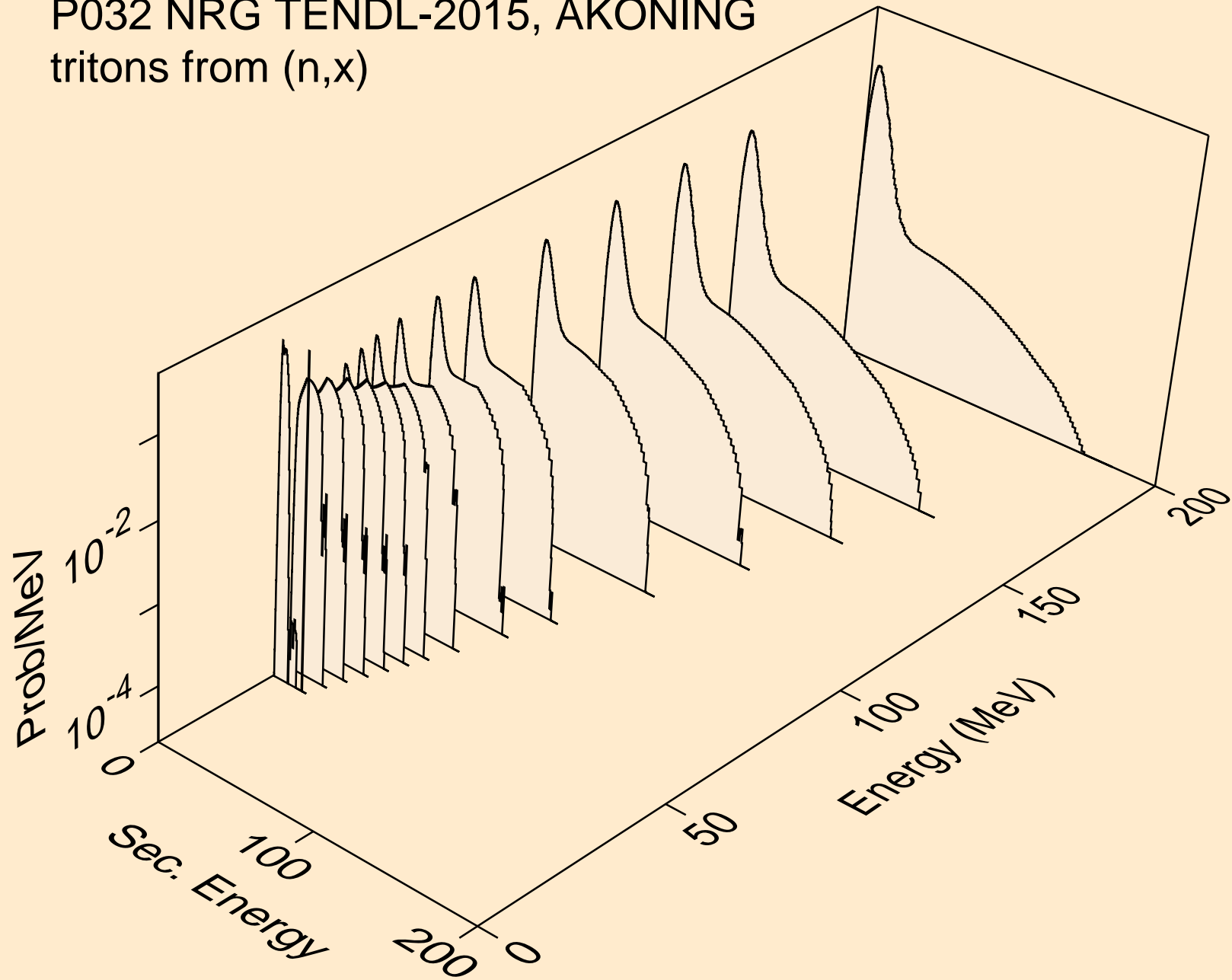
P032 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



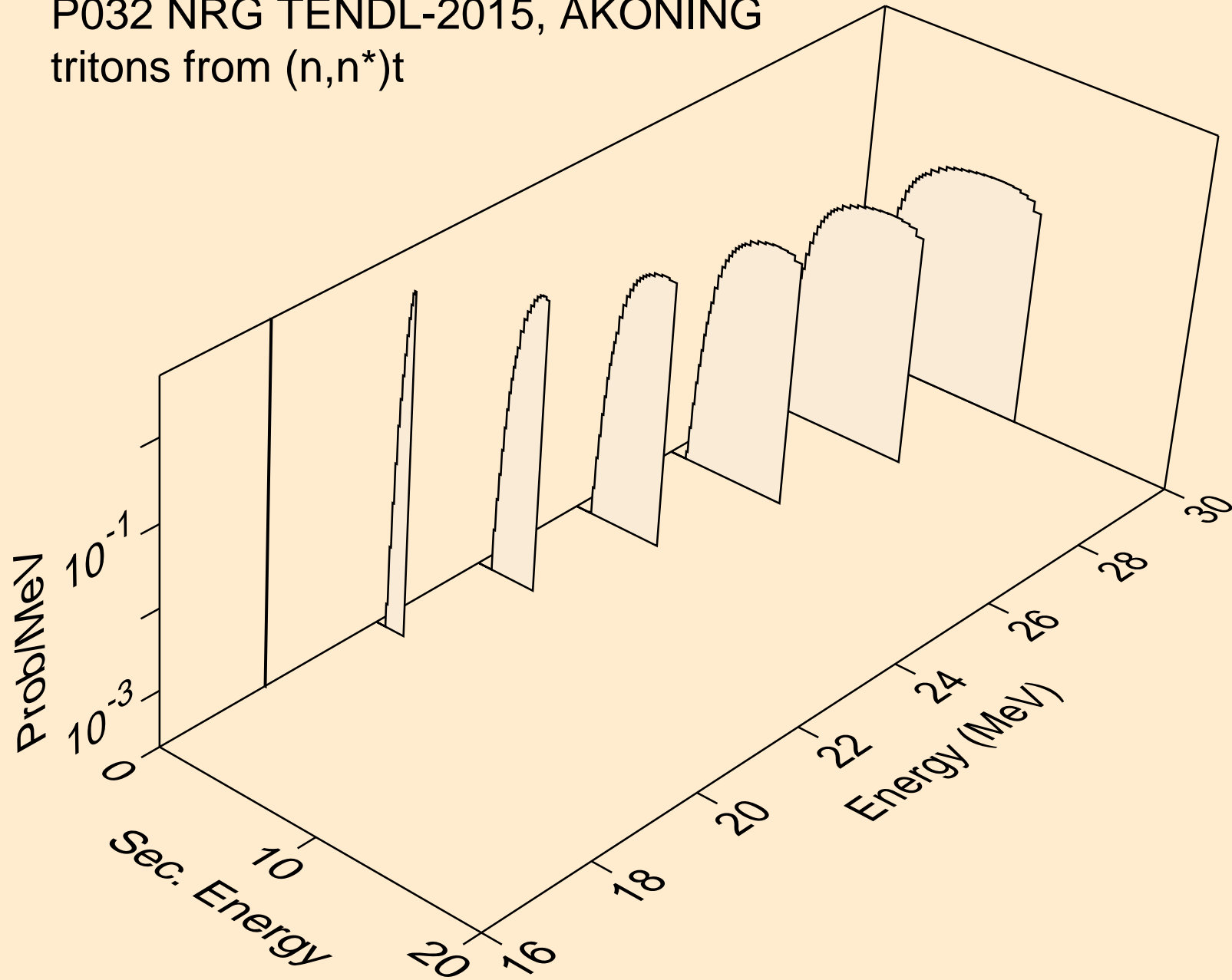
P032 NRG TENDL-2015, AKONING  
deuterons from (n,da)



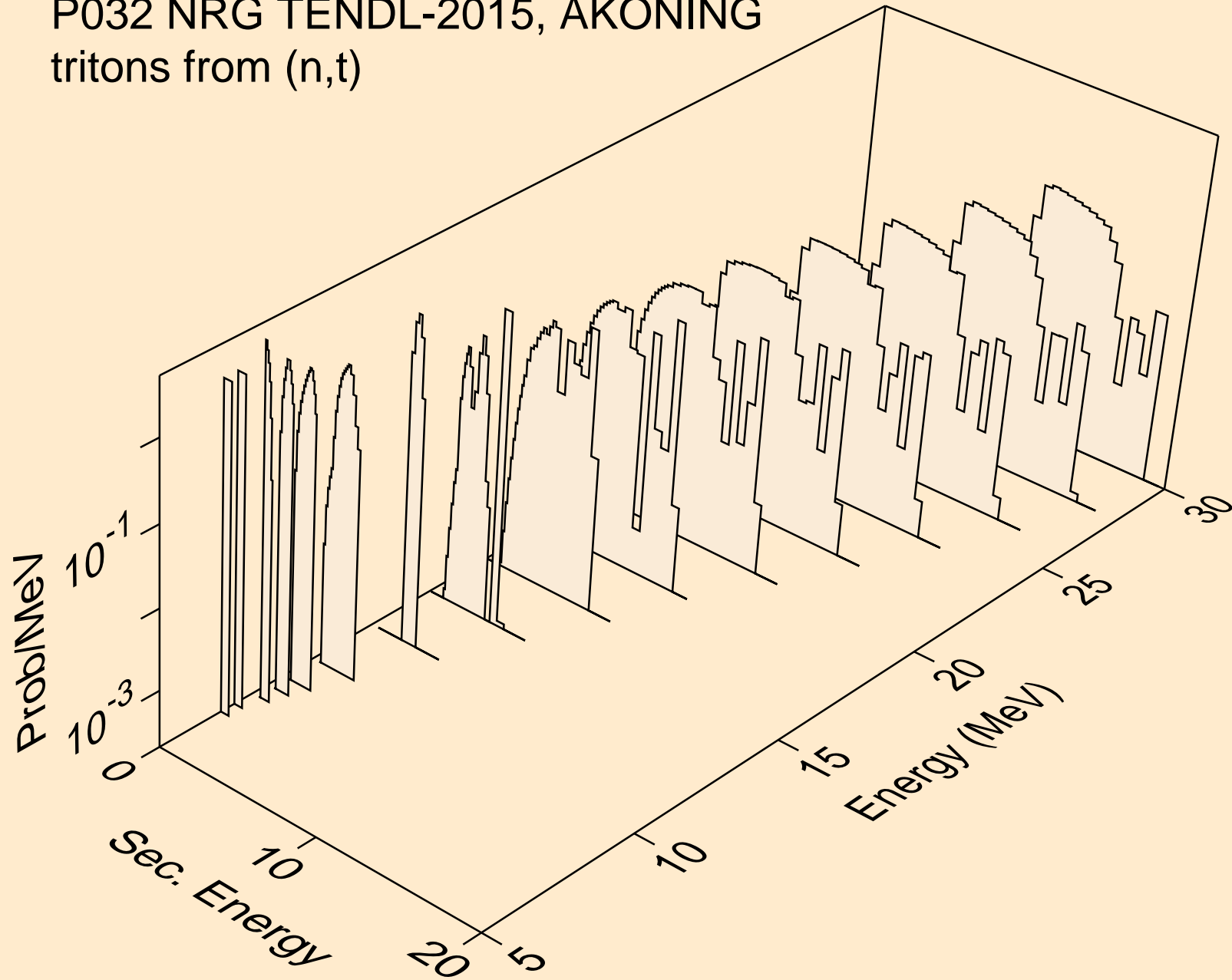
P032 NRG TENDL-2015, AKONING  
tritons from (n,x)



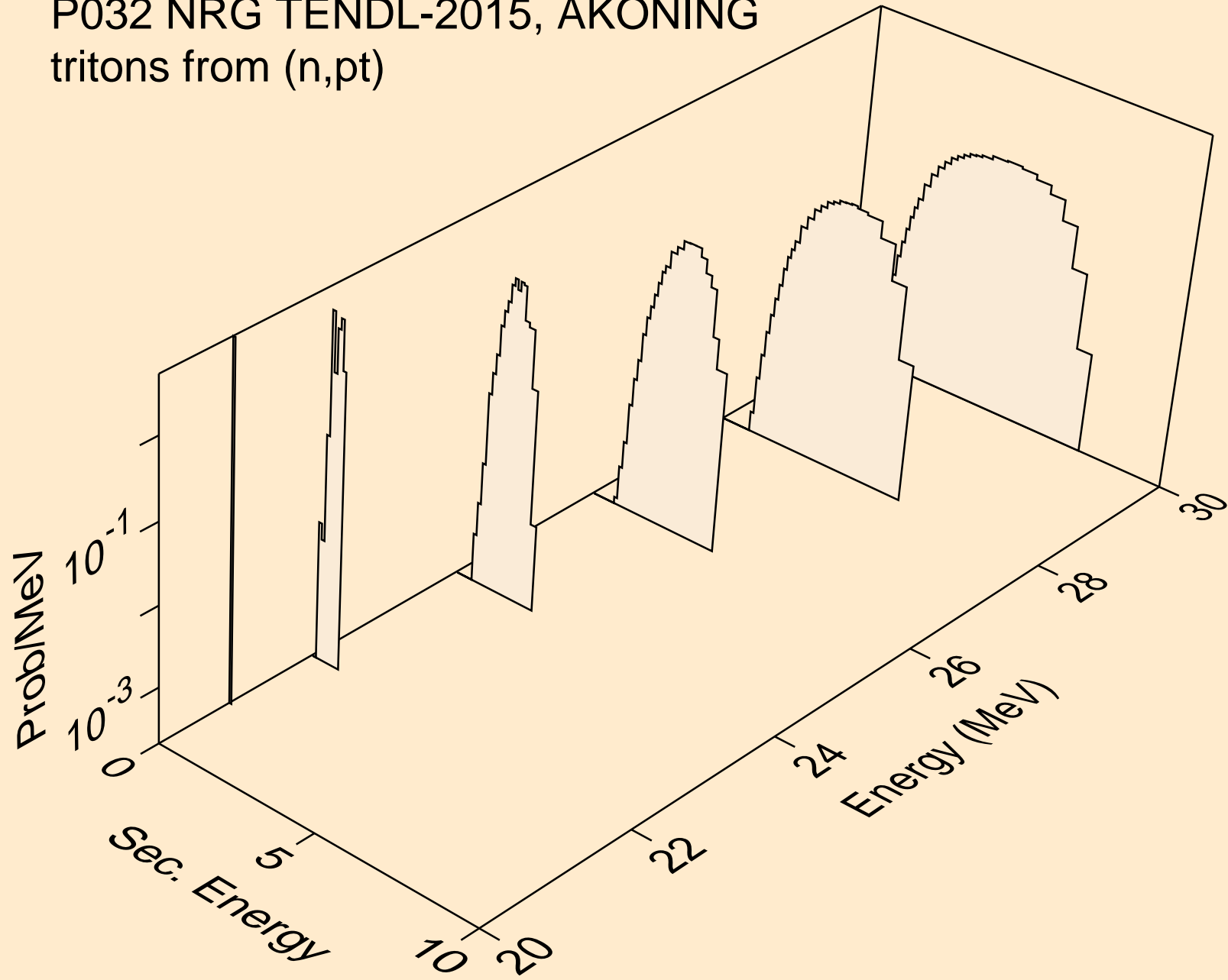
P032 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



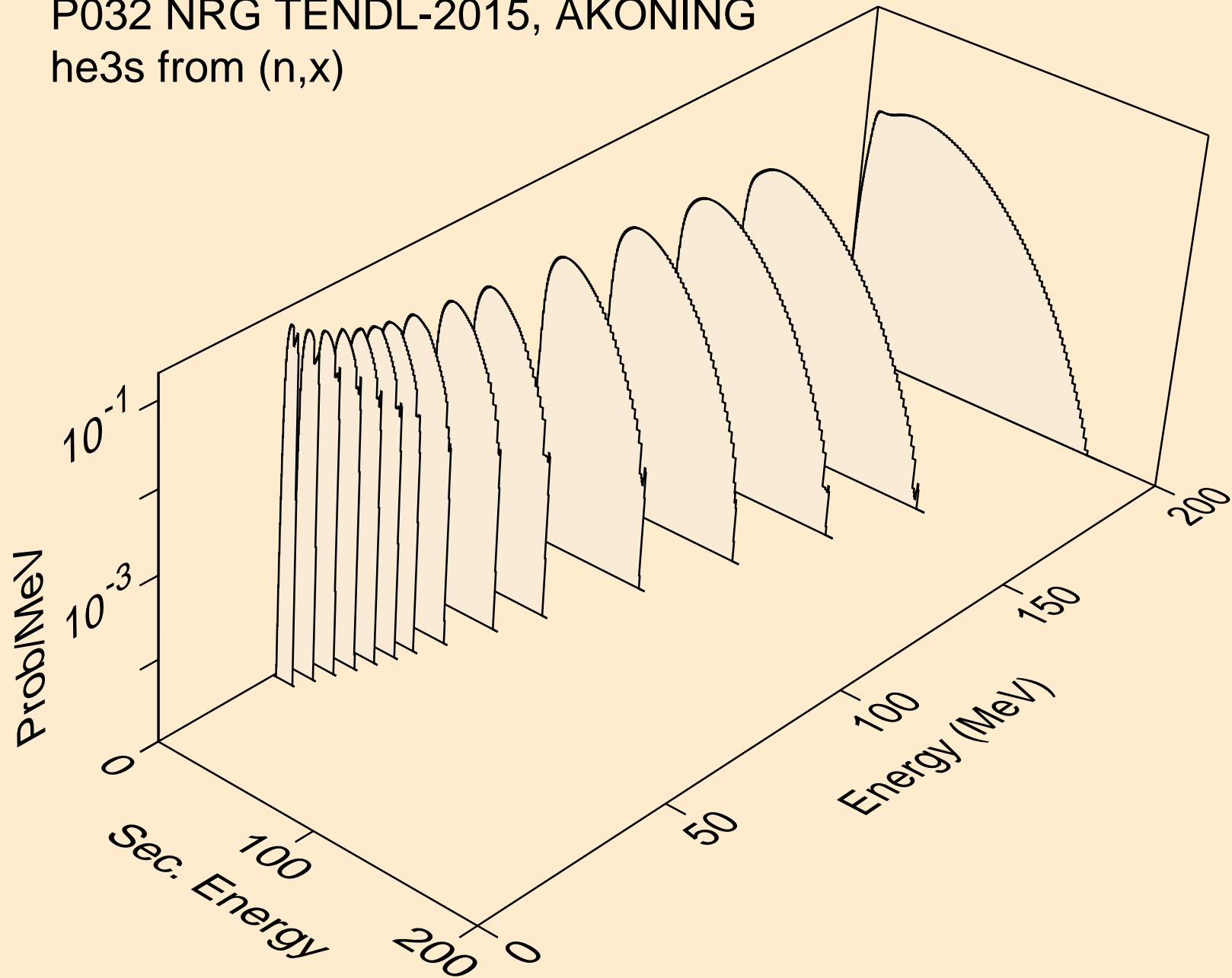
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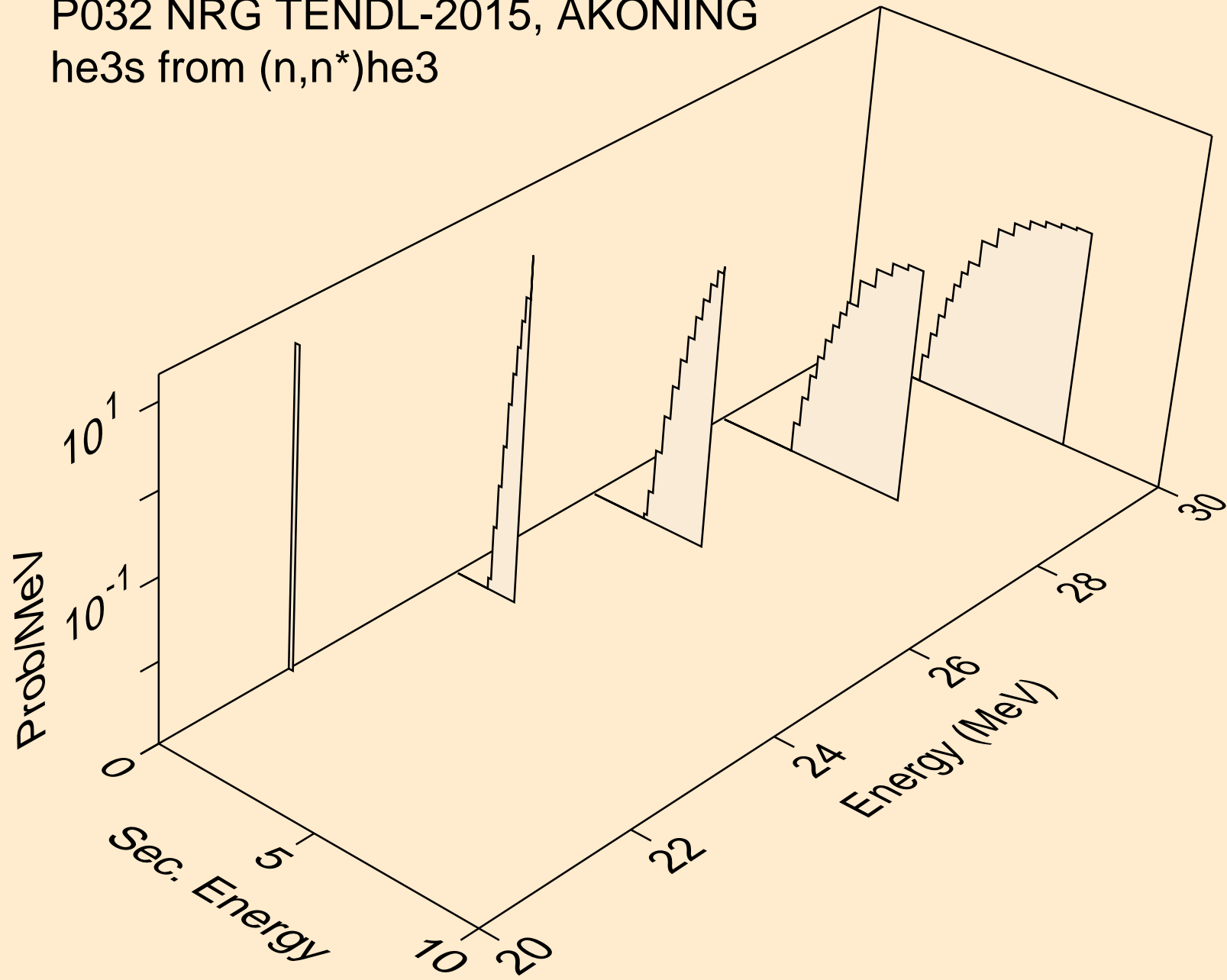
P032 NRG TENDL-2015, AKONING  
tritons from (n,pt)



P032 NRG TENDL-2015, AKONING  
he3s from (n,x)

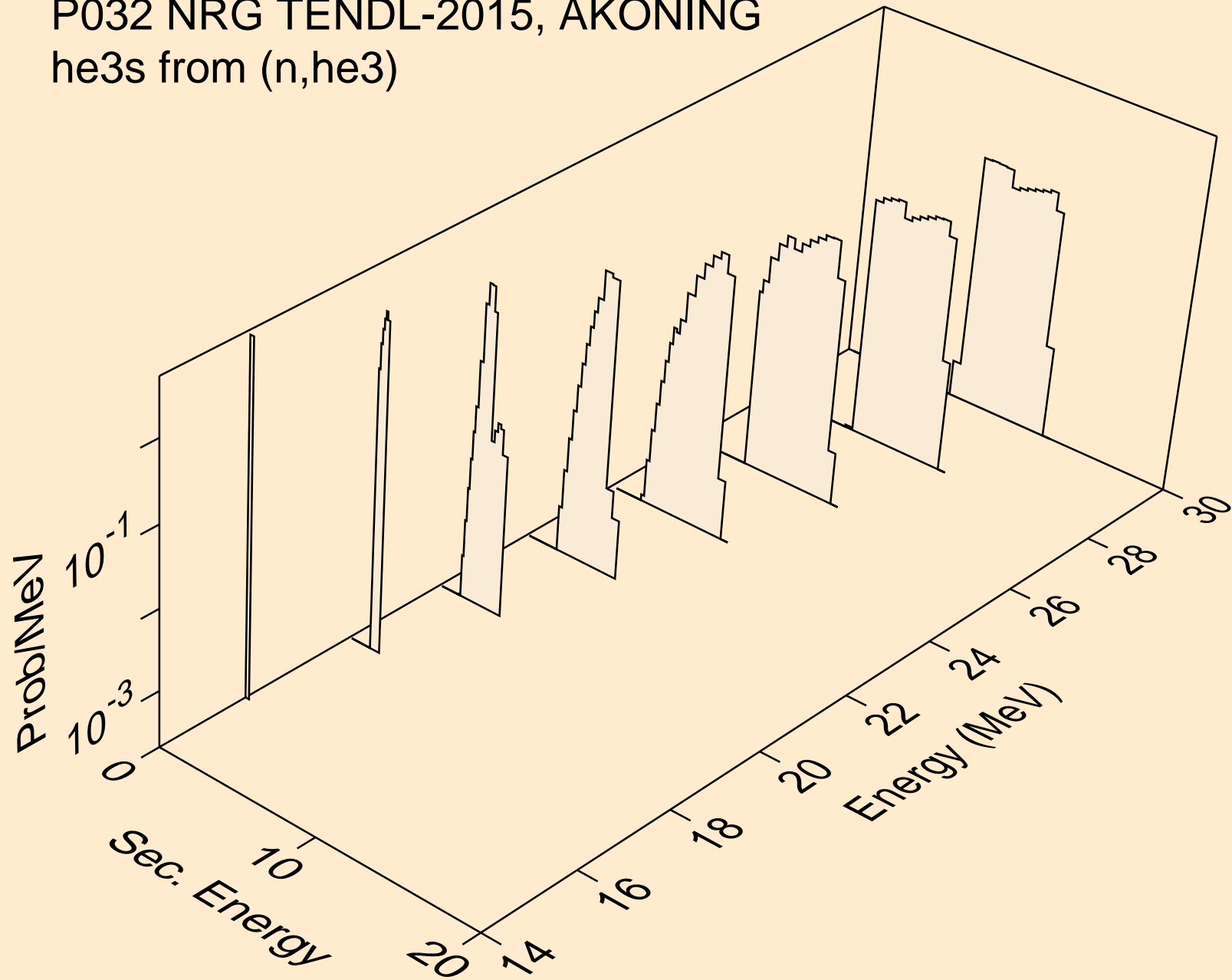


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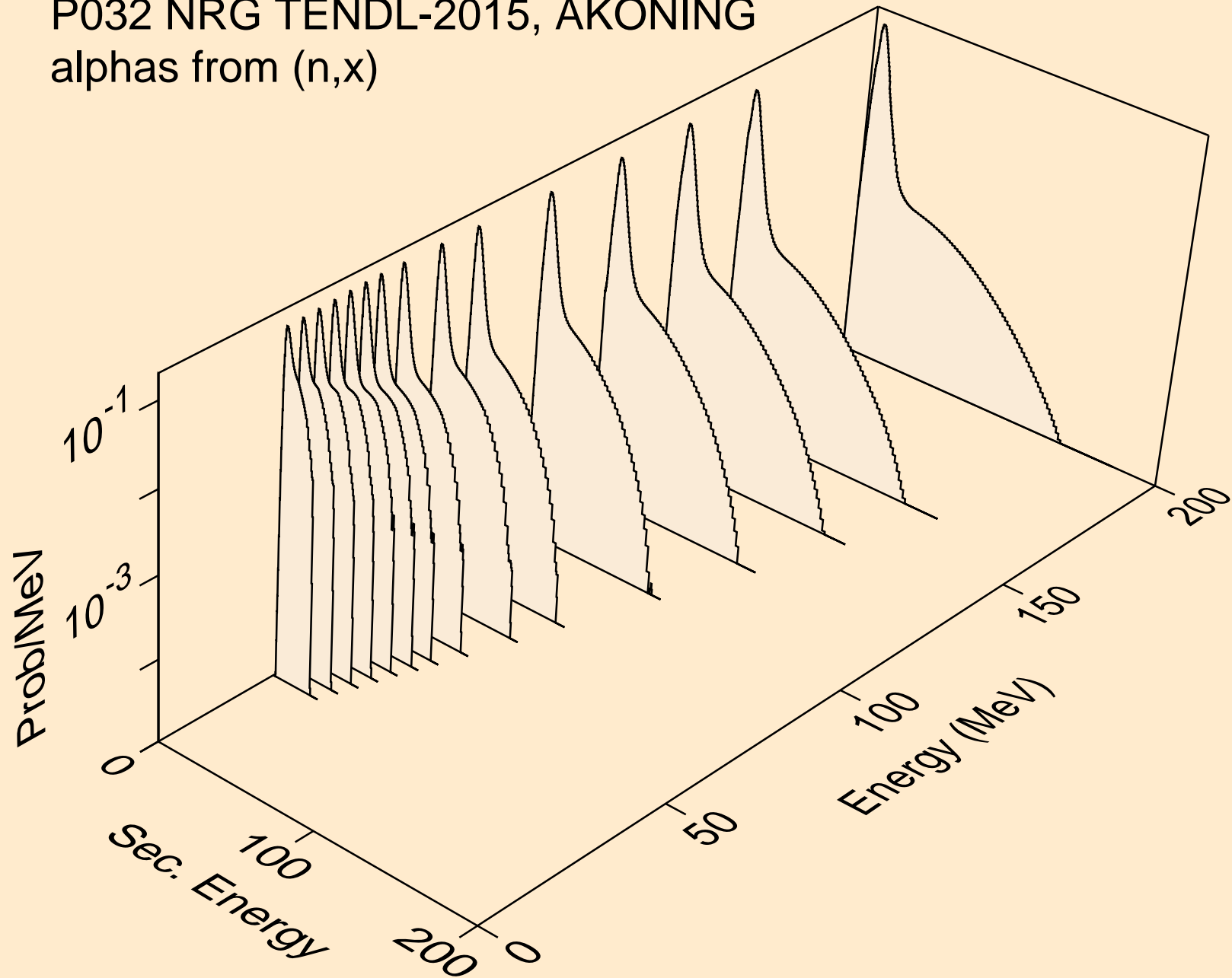




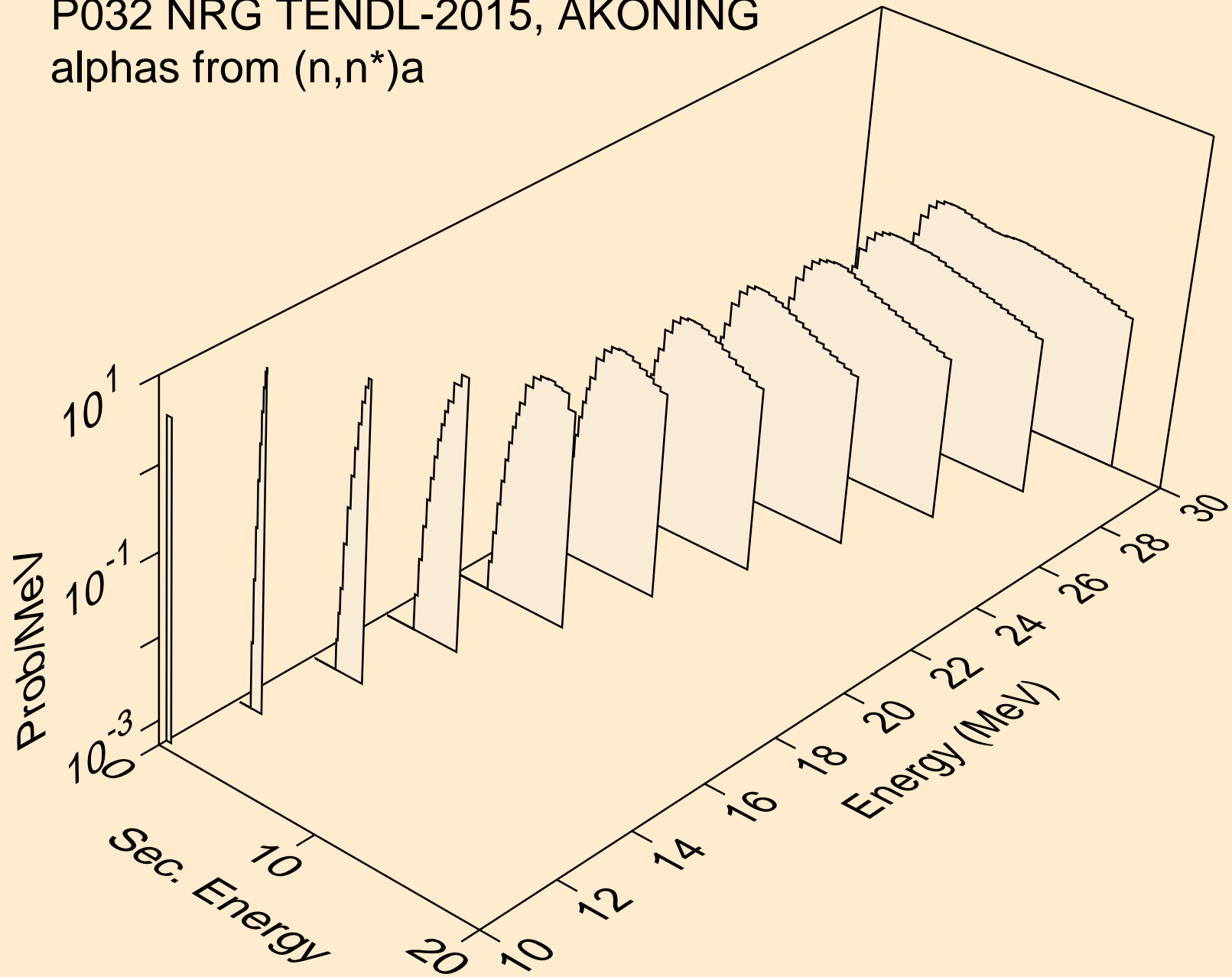
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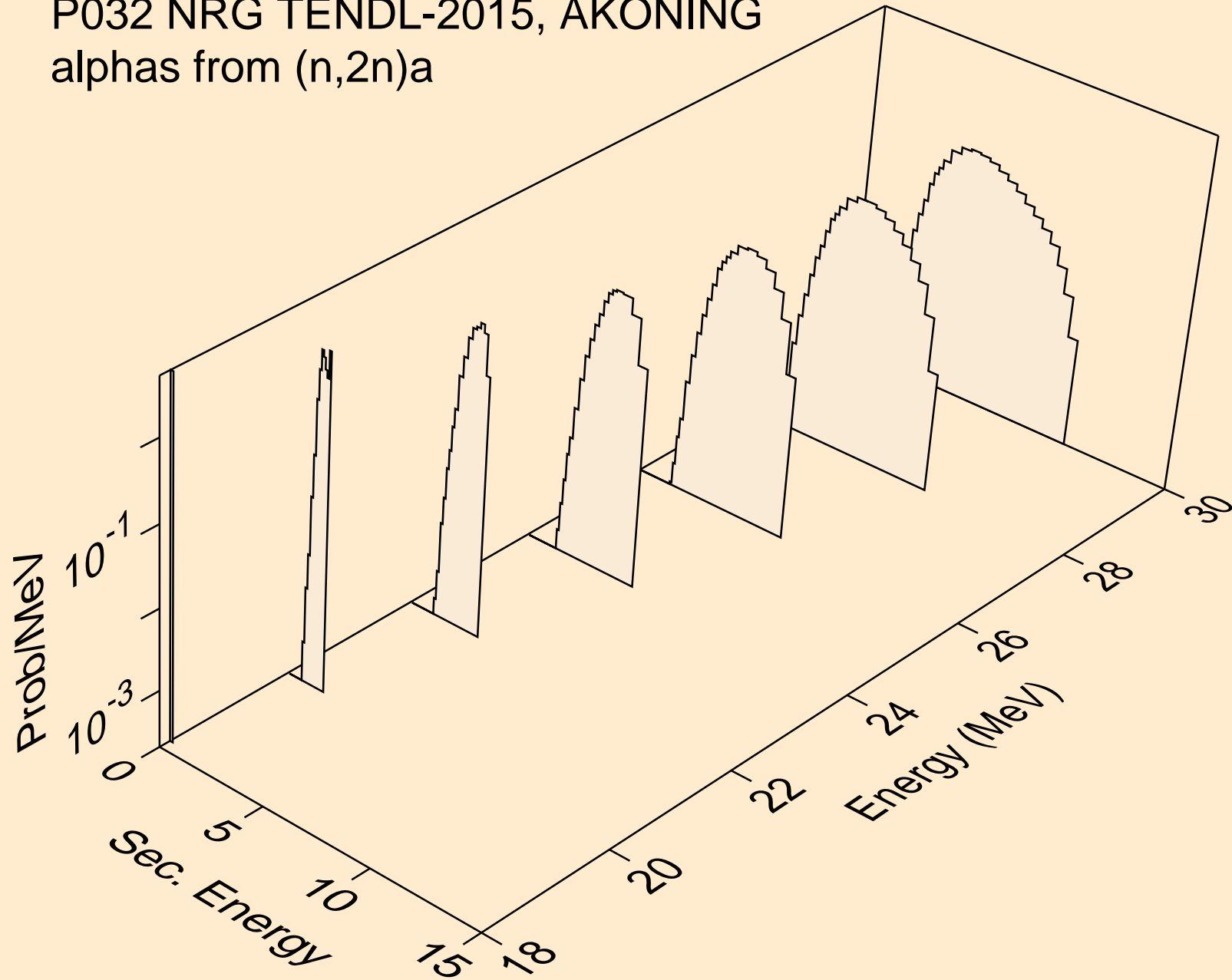
P032 NRG TENDL-2015, AKONING  
alphas from (n,x)



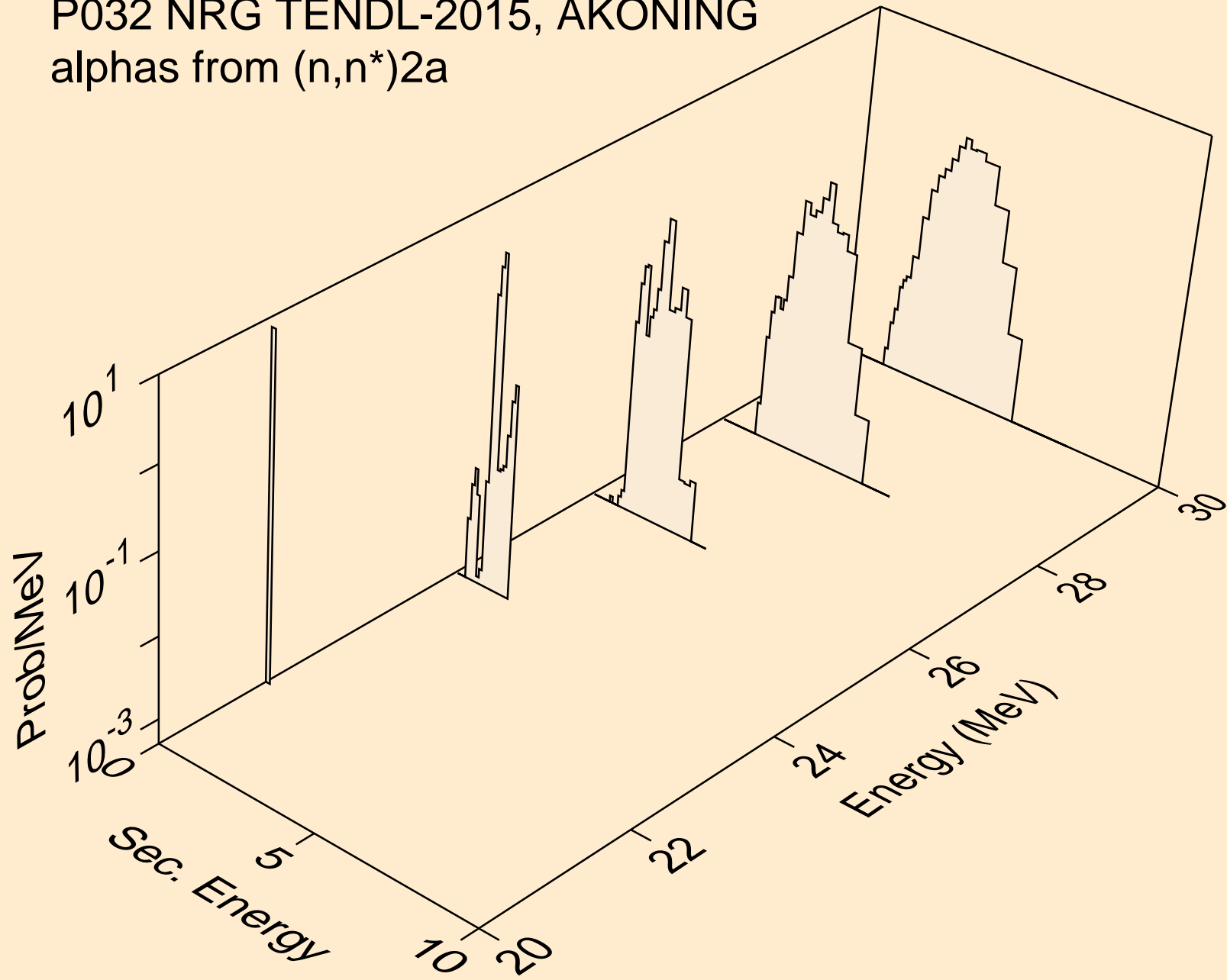
P032 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



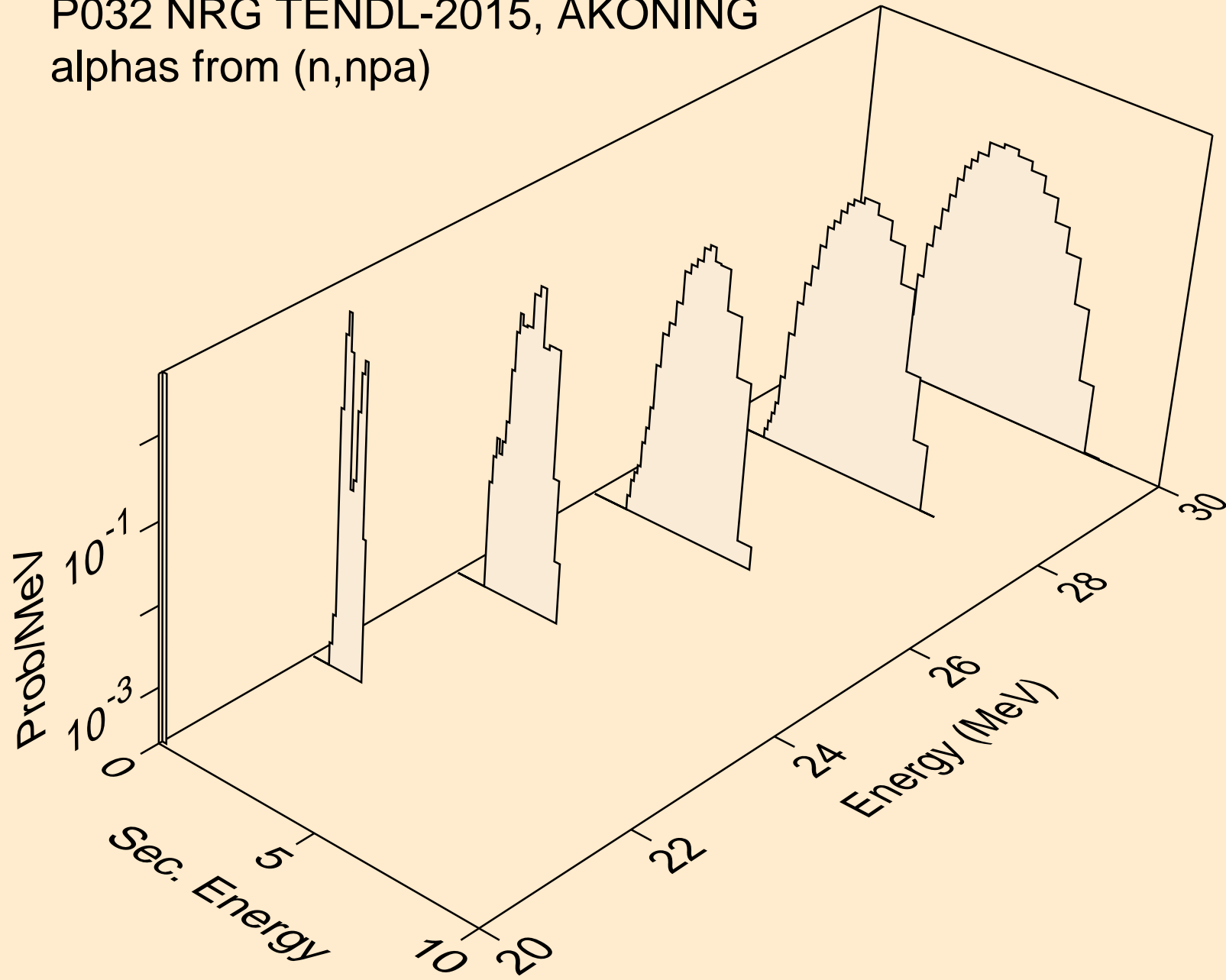
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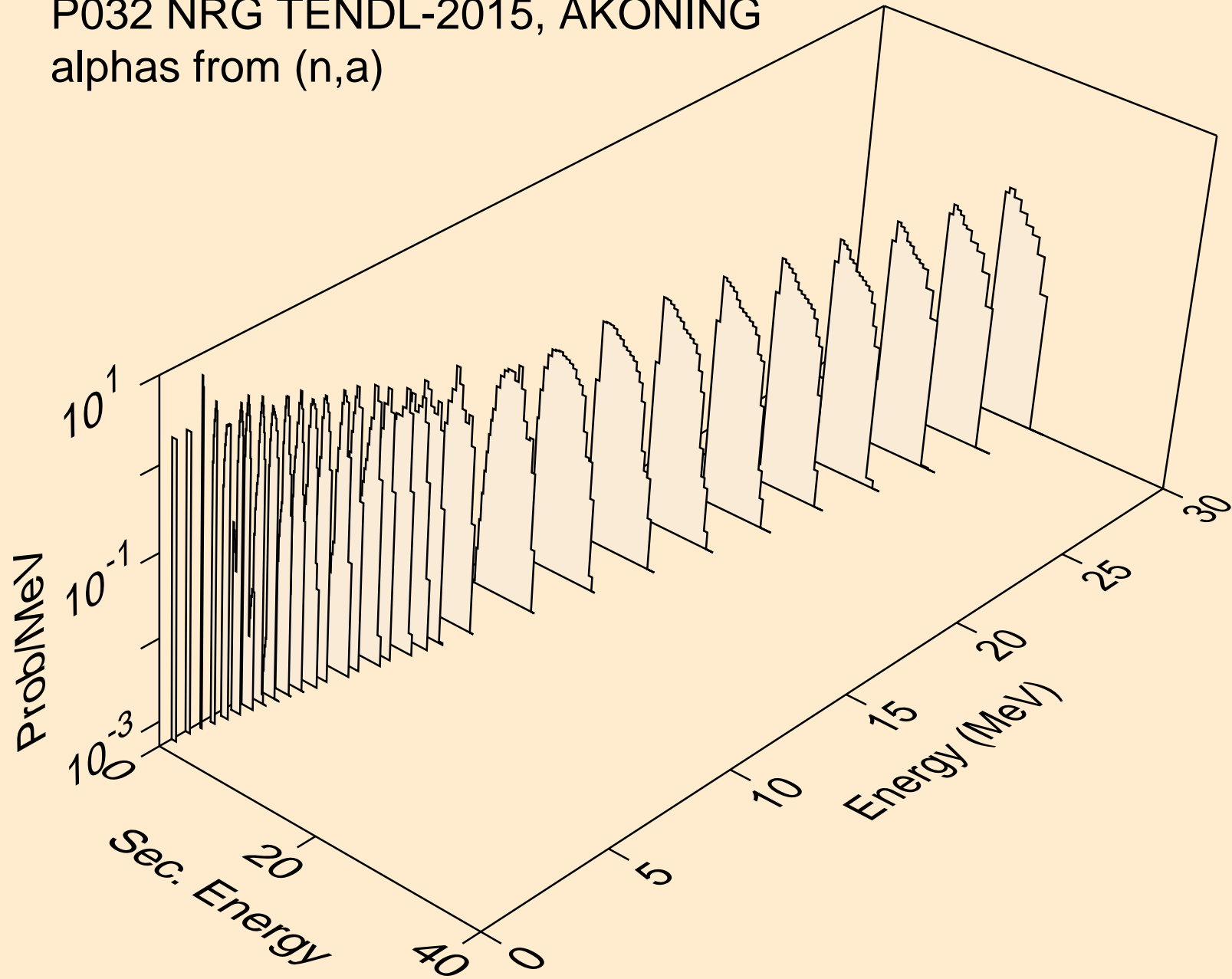
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alphas from (n,n\*)2a



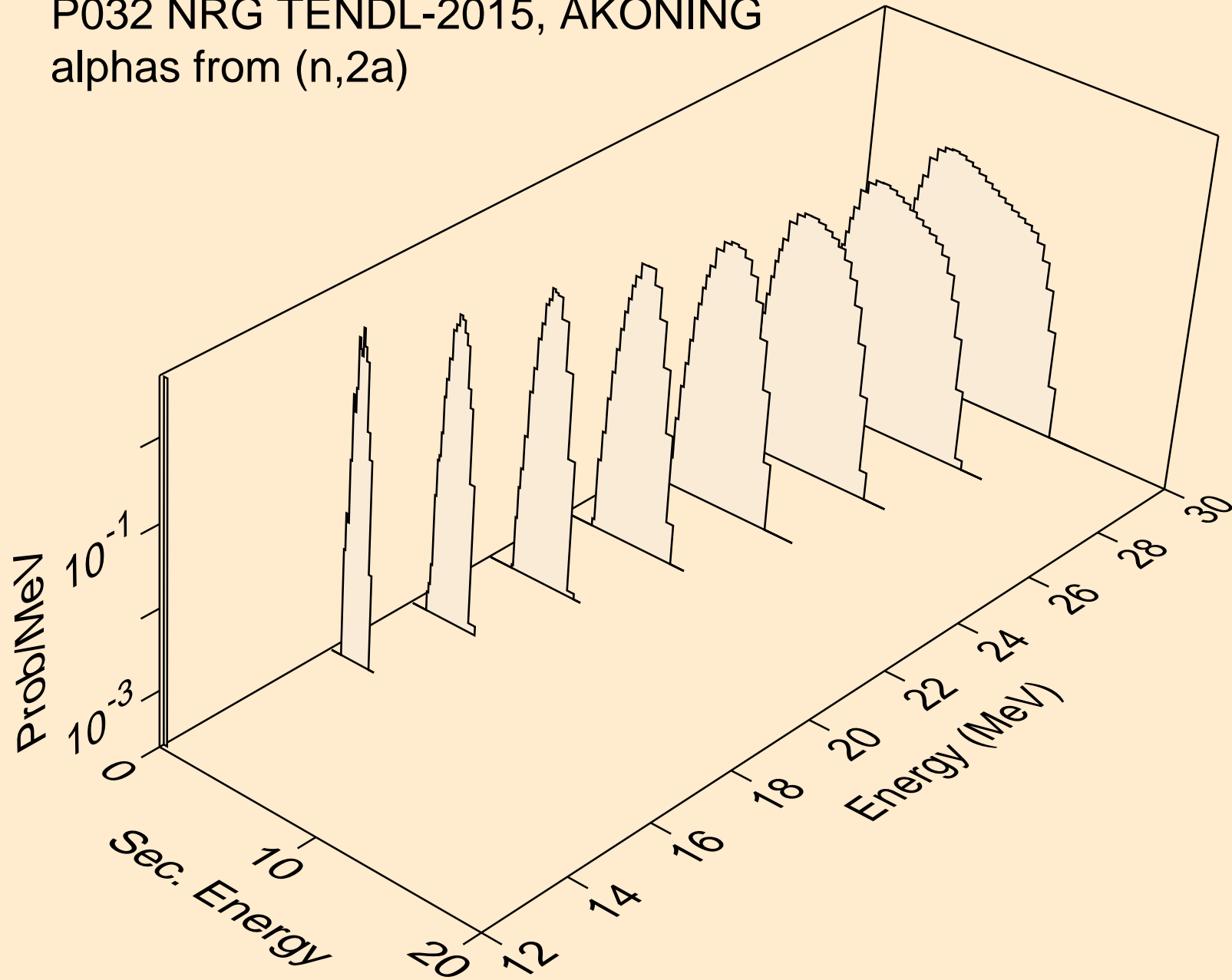
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alphas from (n,npa)



P032 NRG TENDL-2015, AKONING  
alphas from (n,a)

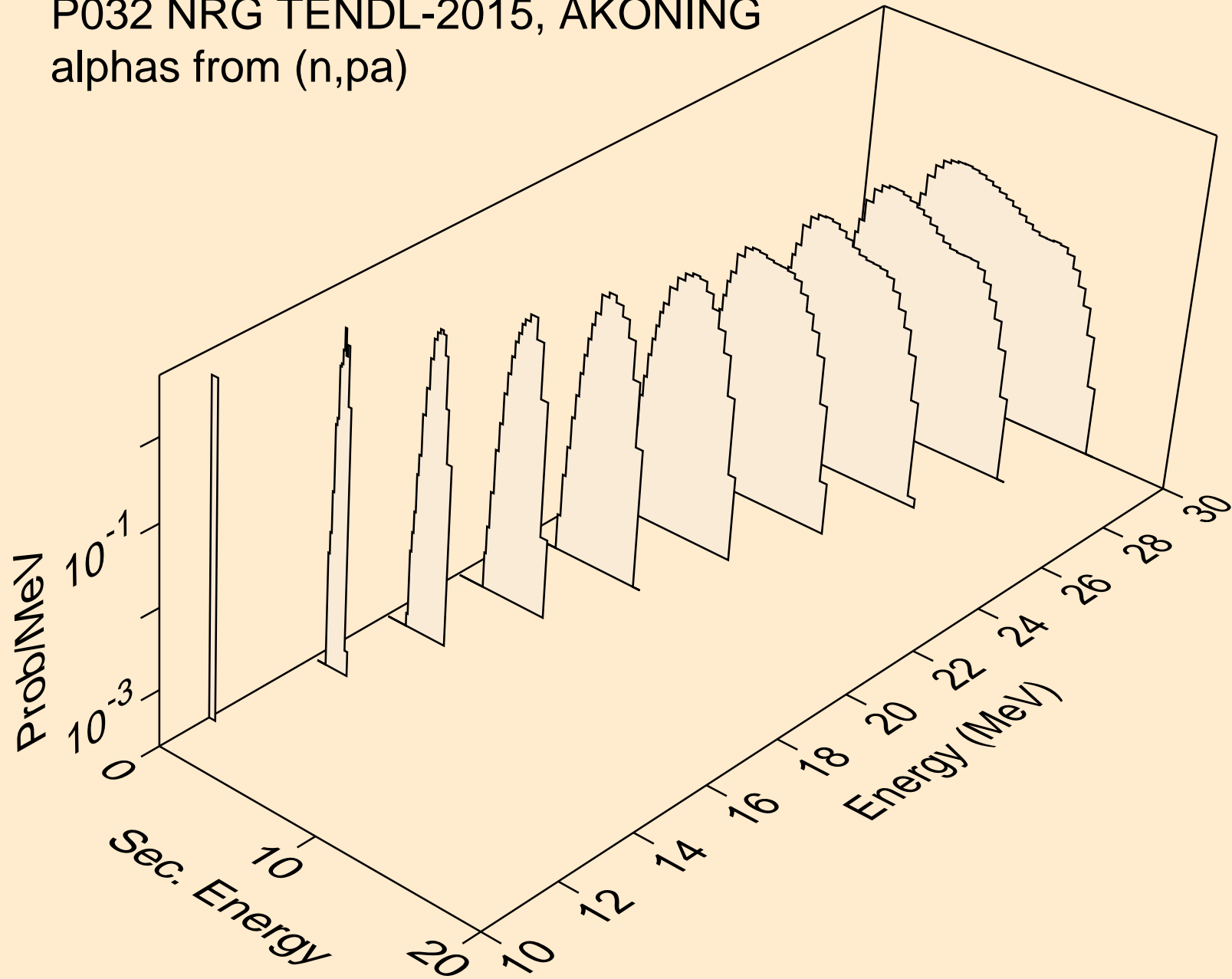


P032 NRG TENDL-2015, AKONING  
alphas from (n,2a)





P032 NRG TENDL-2015, AKONING  
alphas from (n,pa)



P032 NRG TENDL-2015, AKONING  
alphas from (n,da)

