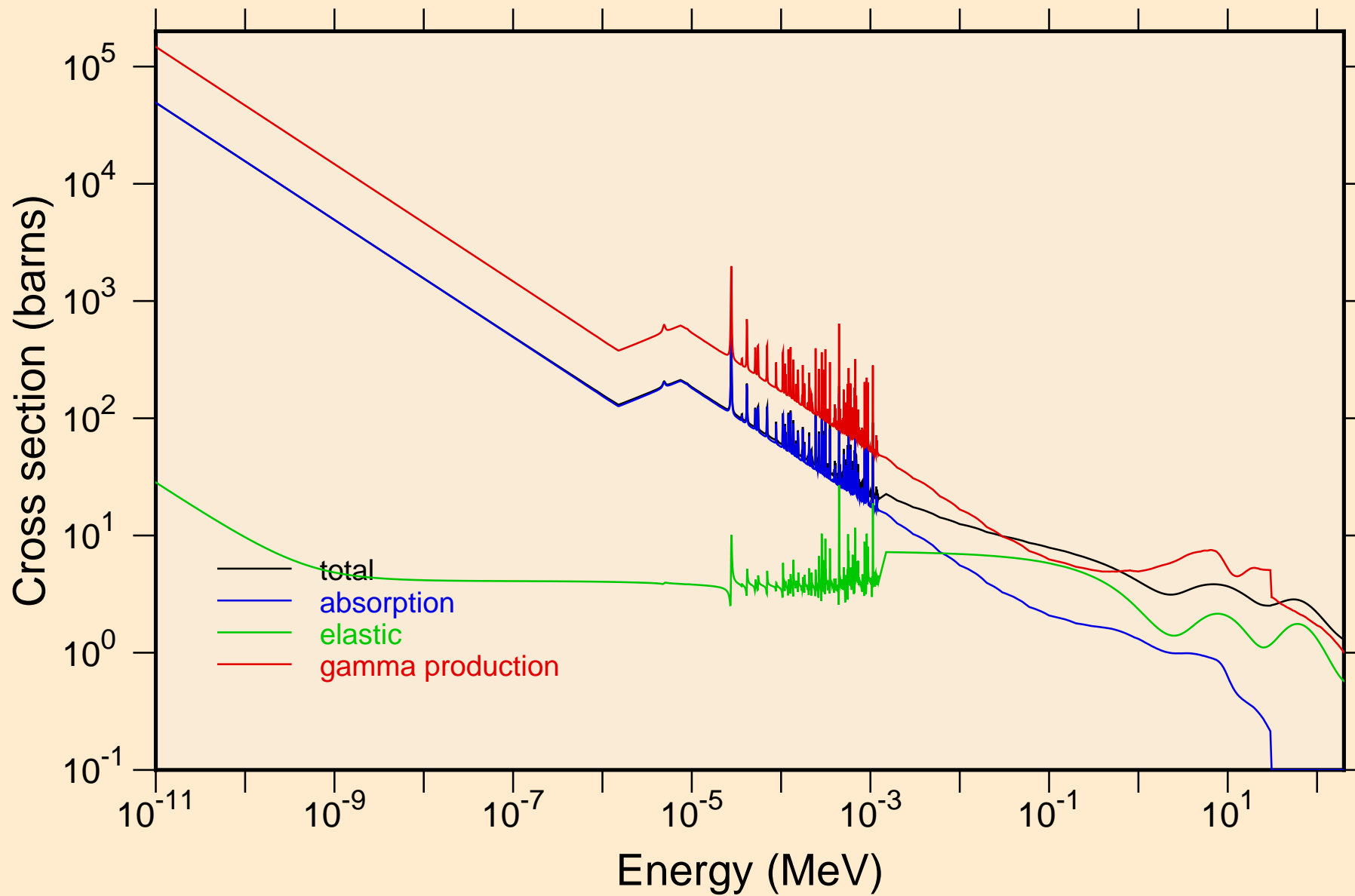
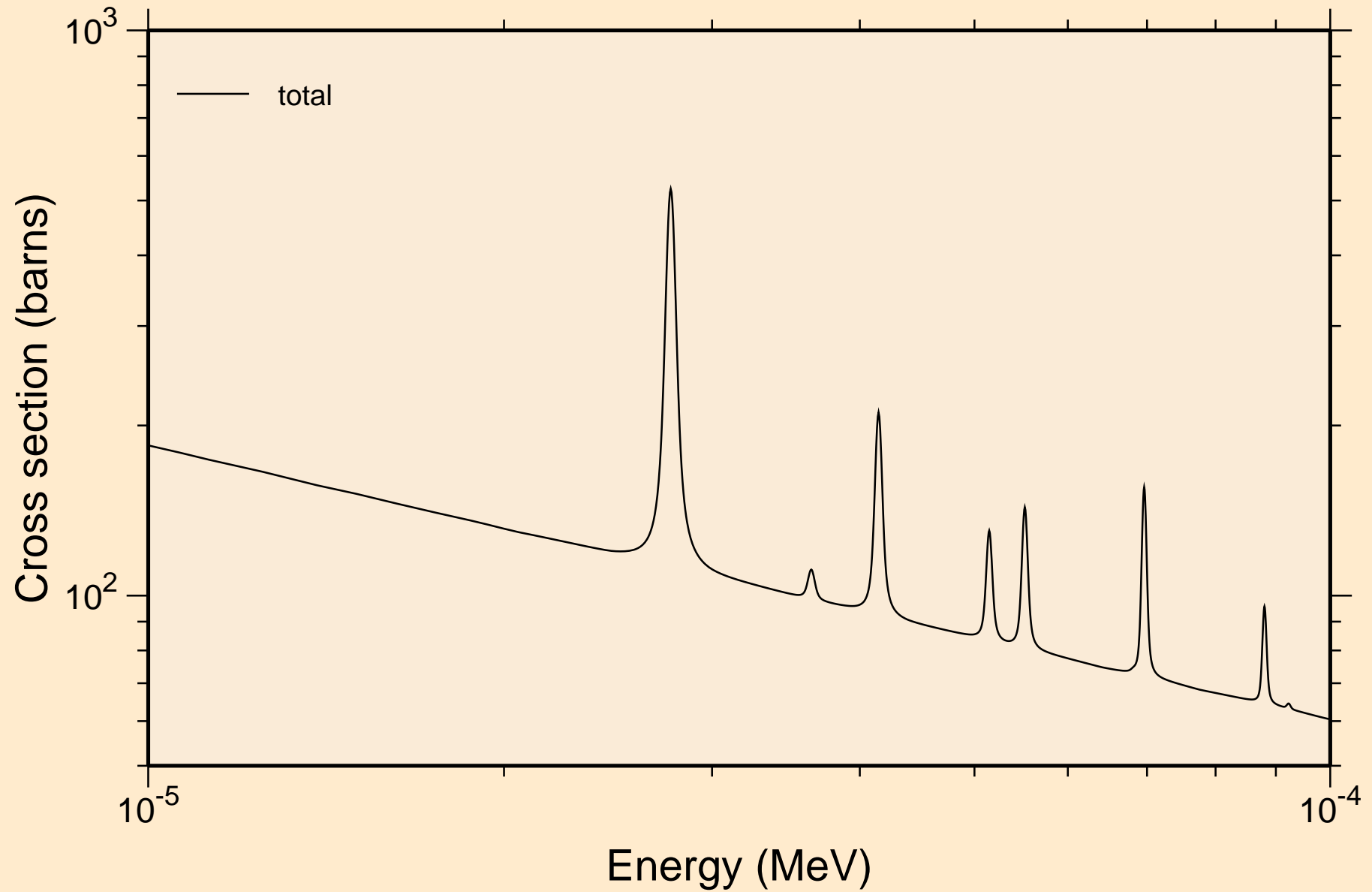


# AS070 NRG TENDL-2015, AKONING

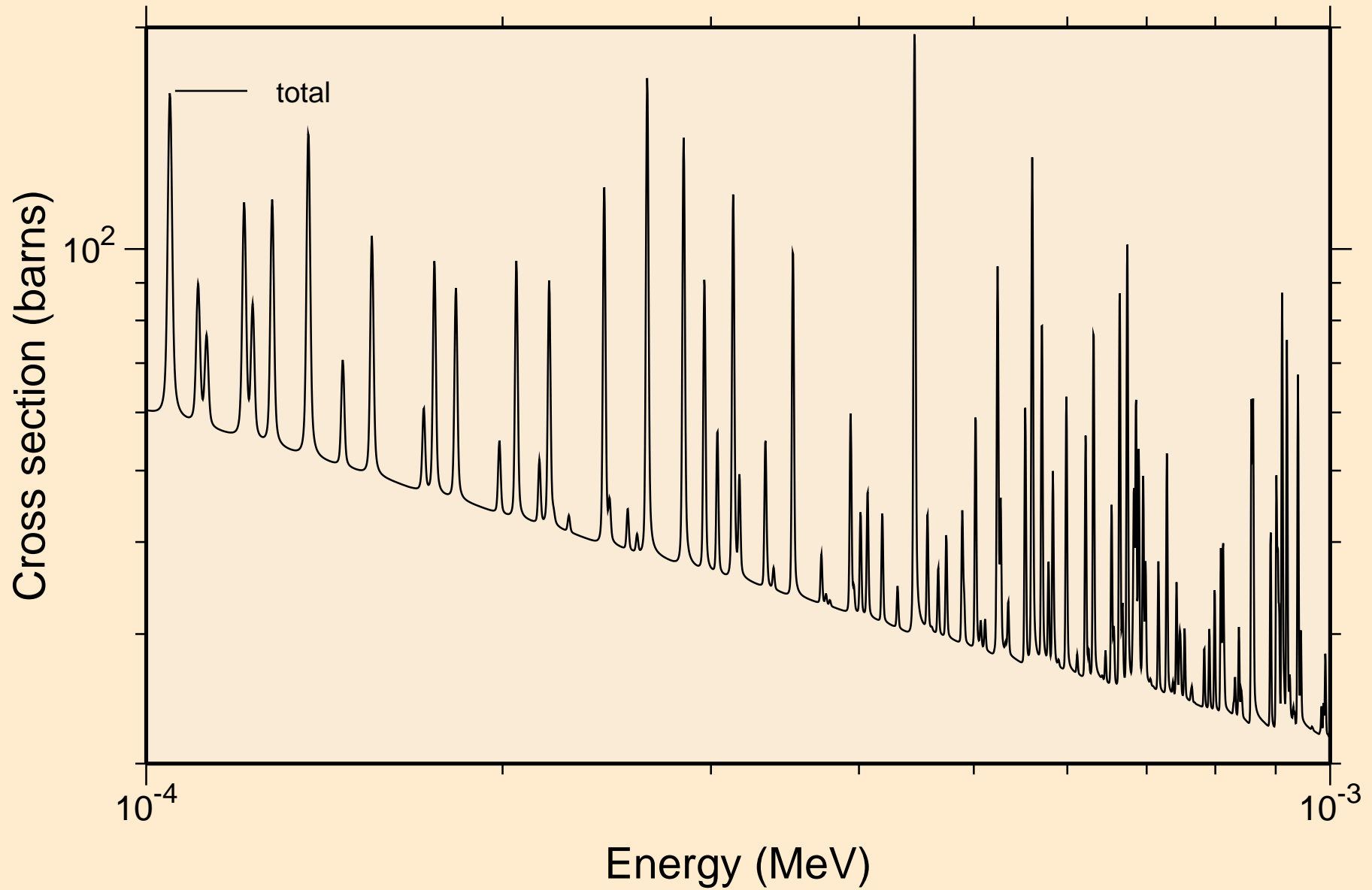
## Principal cross sections



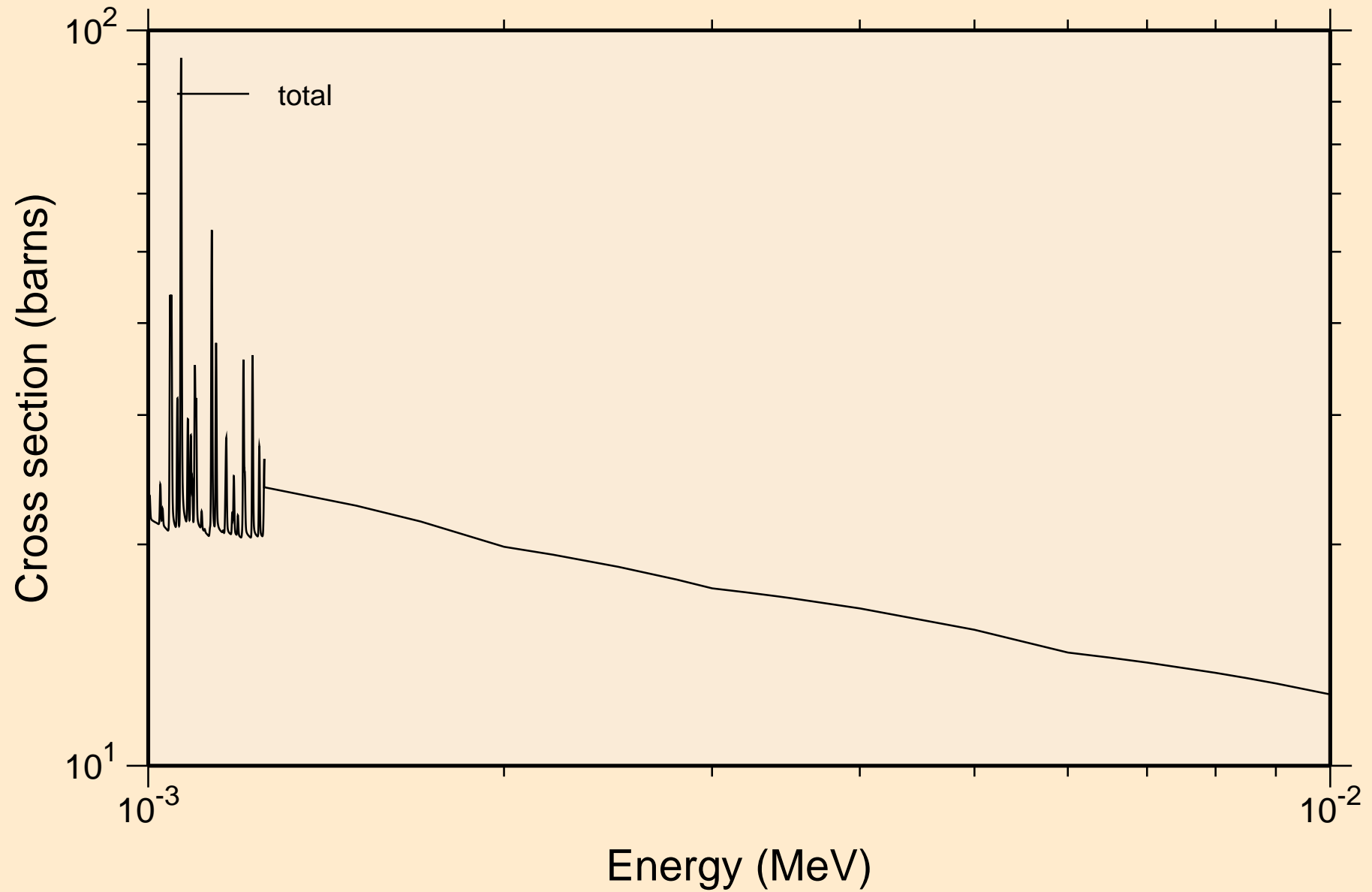
AS070 NRG TENDL-2015, AKONING  
resonance total cross section



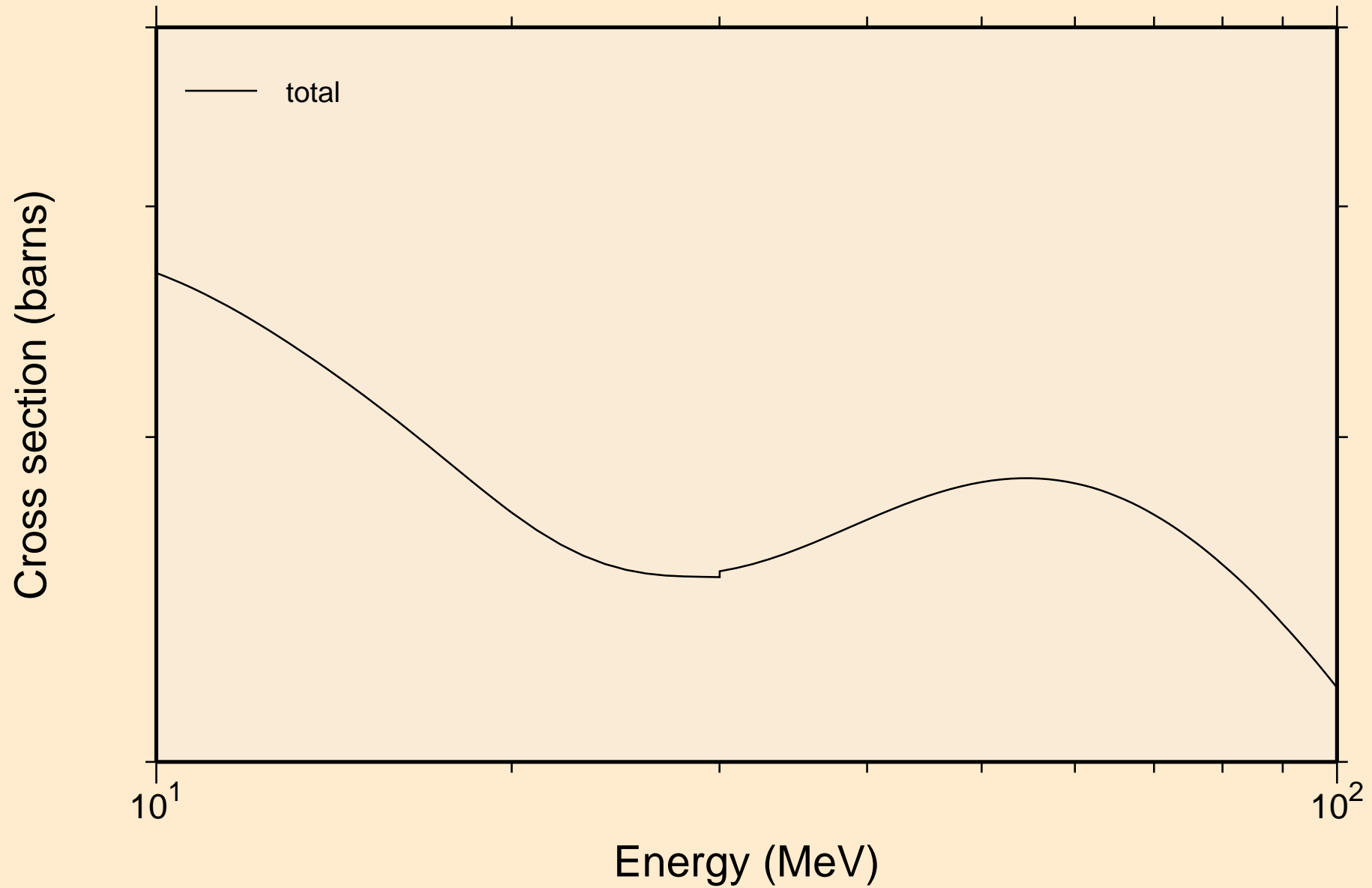
AS070 NRG TENDL-2015, AKONING  
resonance total cross section



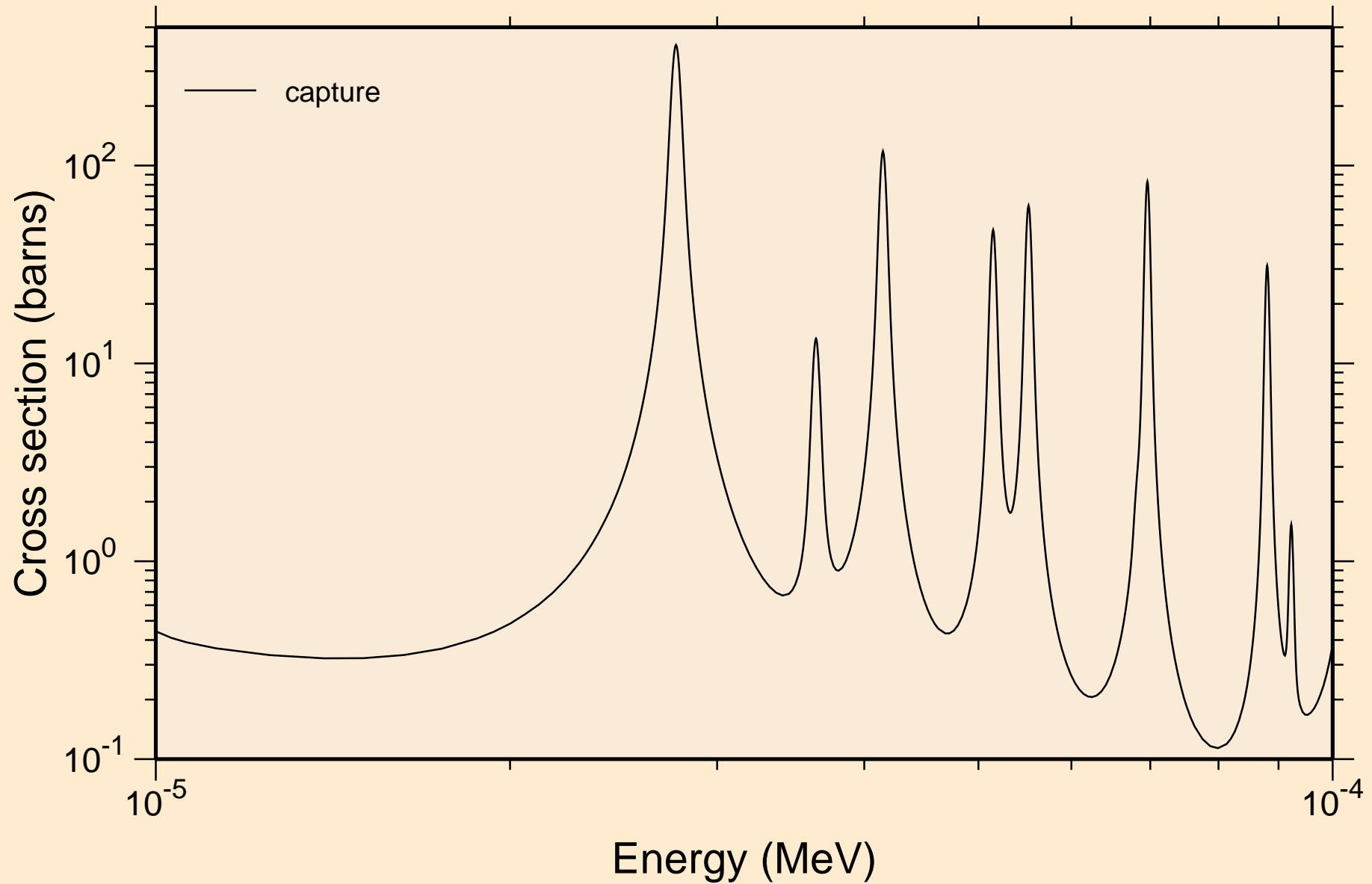
AS070 NRG TENDL-2015, AKONING  
resonance total cross section



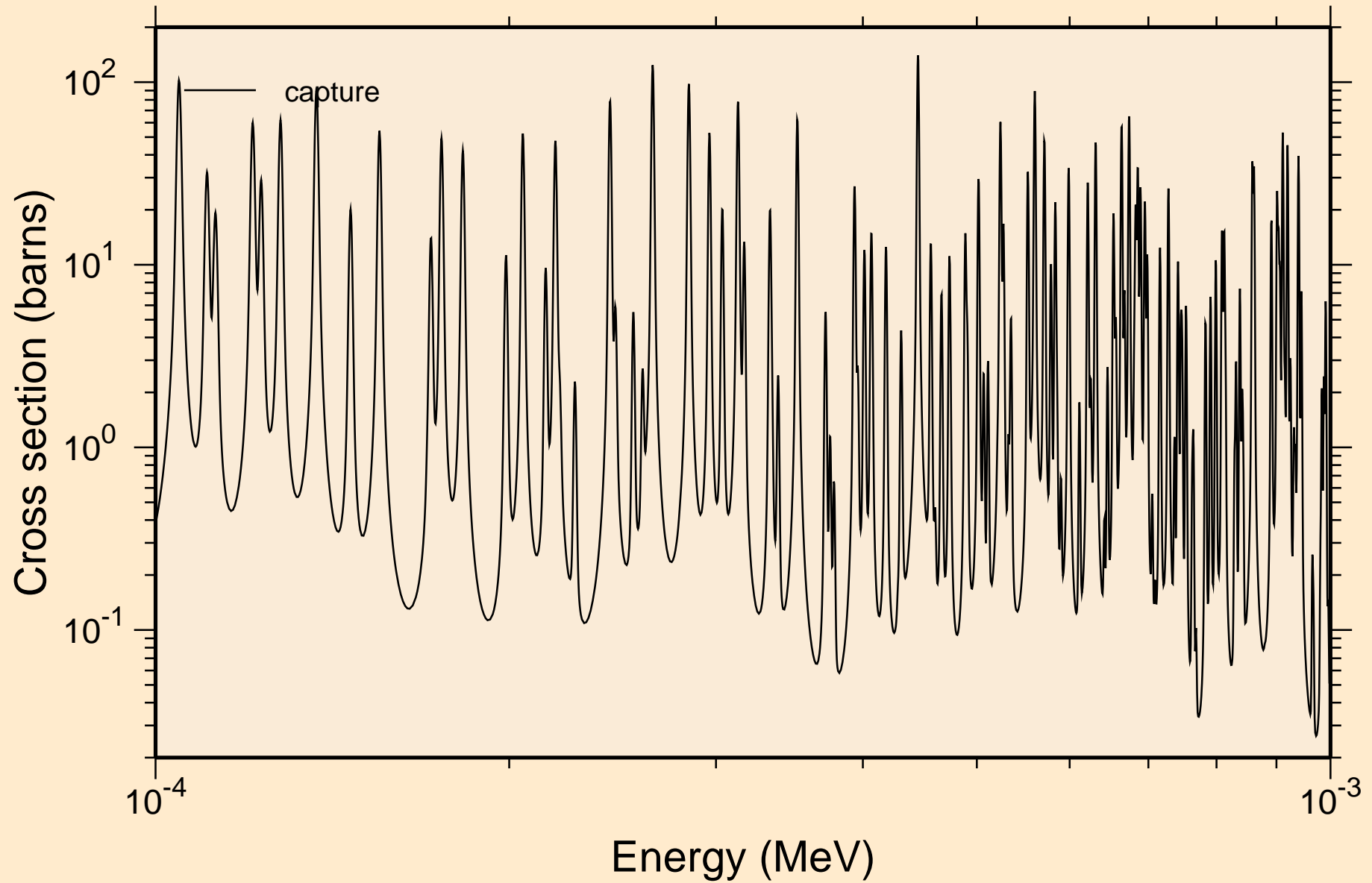
Ā070 NRG TENDL-2015, AKONING  
resonance total cross section



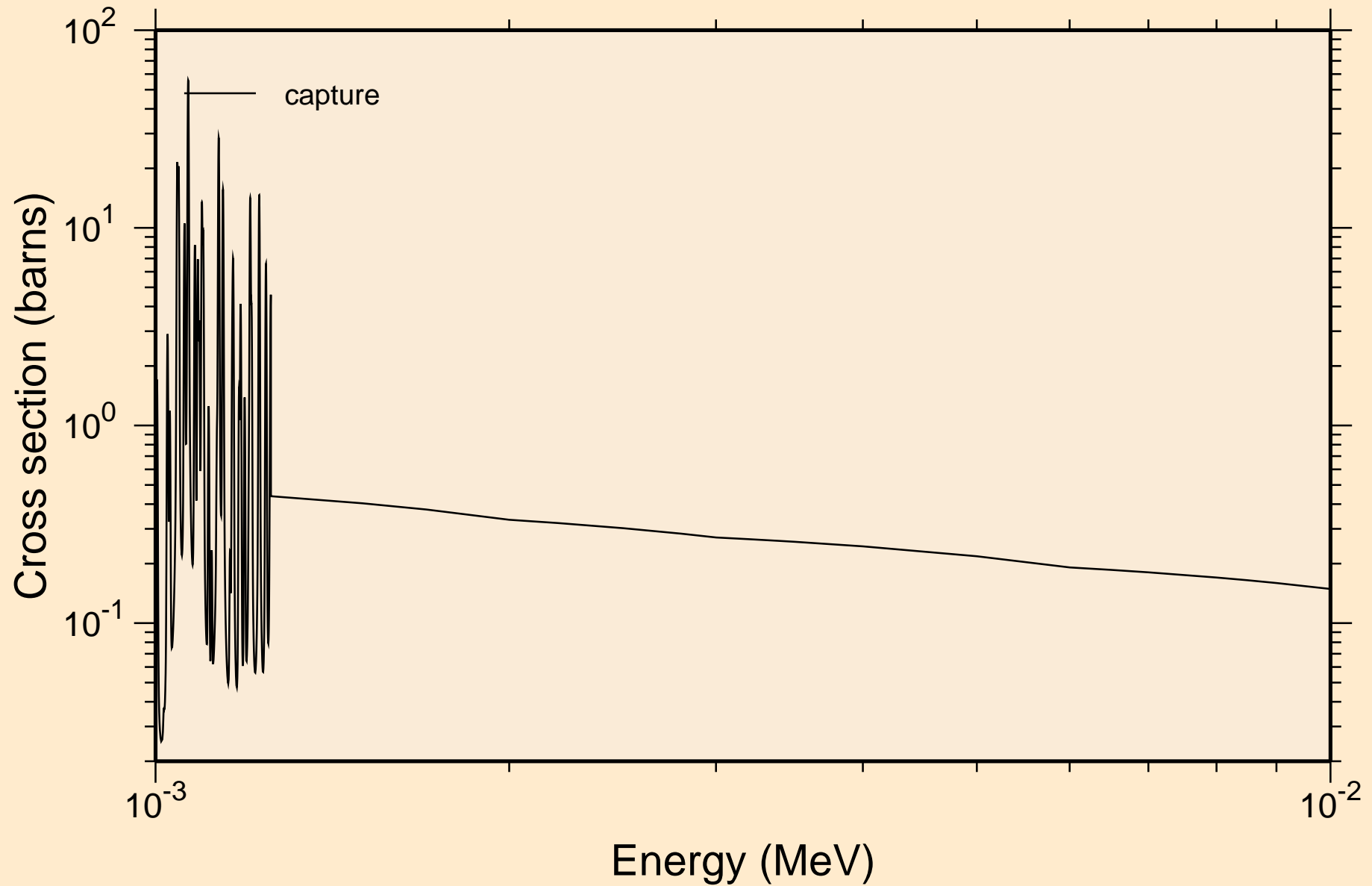
AS070 NRG TENDL-2015, AKONING  
resonance absorption cross sections



AS070 NRG TENDL-2015, AKONING  
resonance absorption cross sections

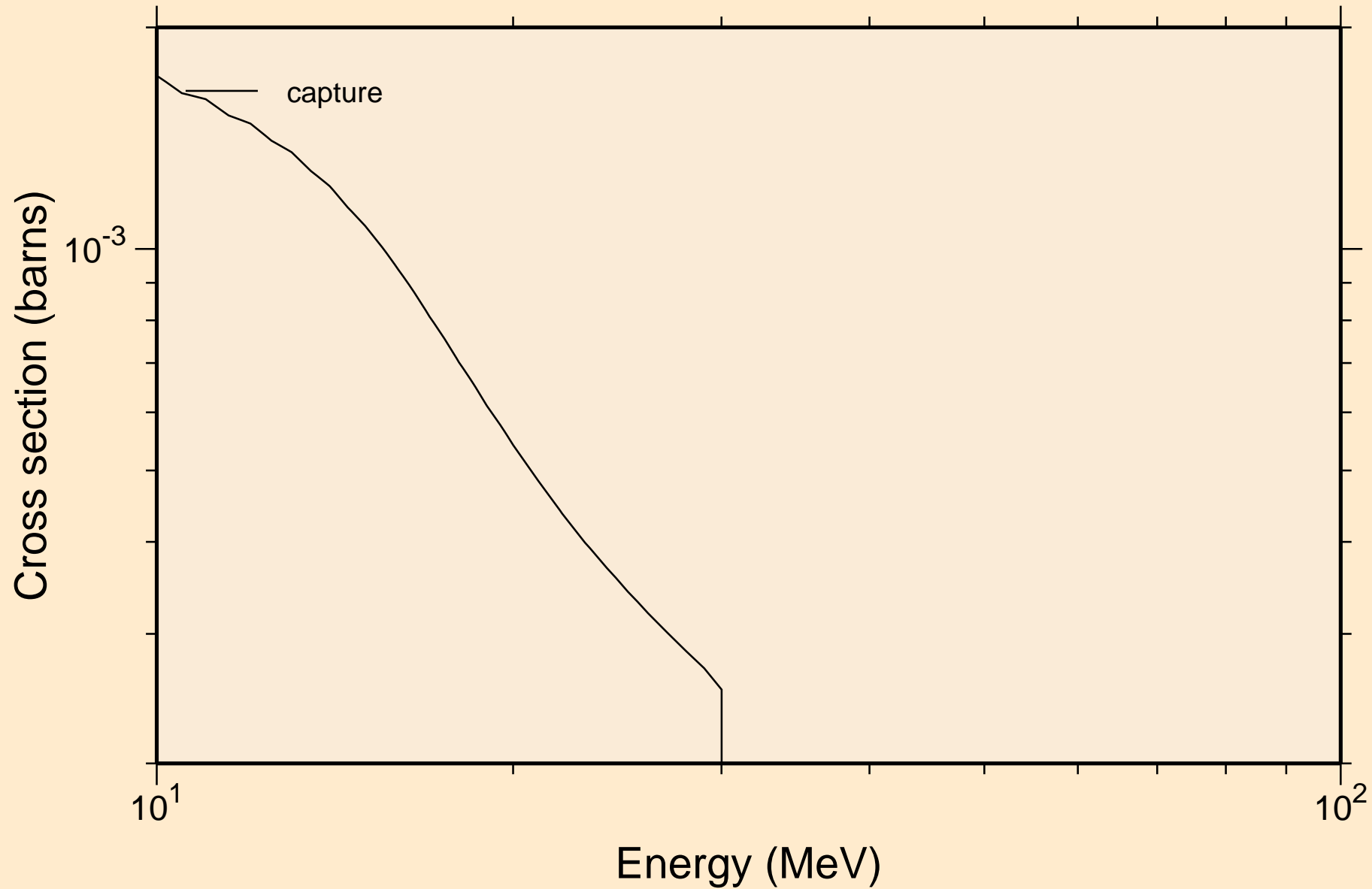


AS070 NRG TENDL-2015, AKONING  
resonance absorption cross sections



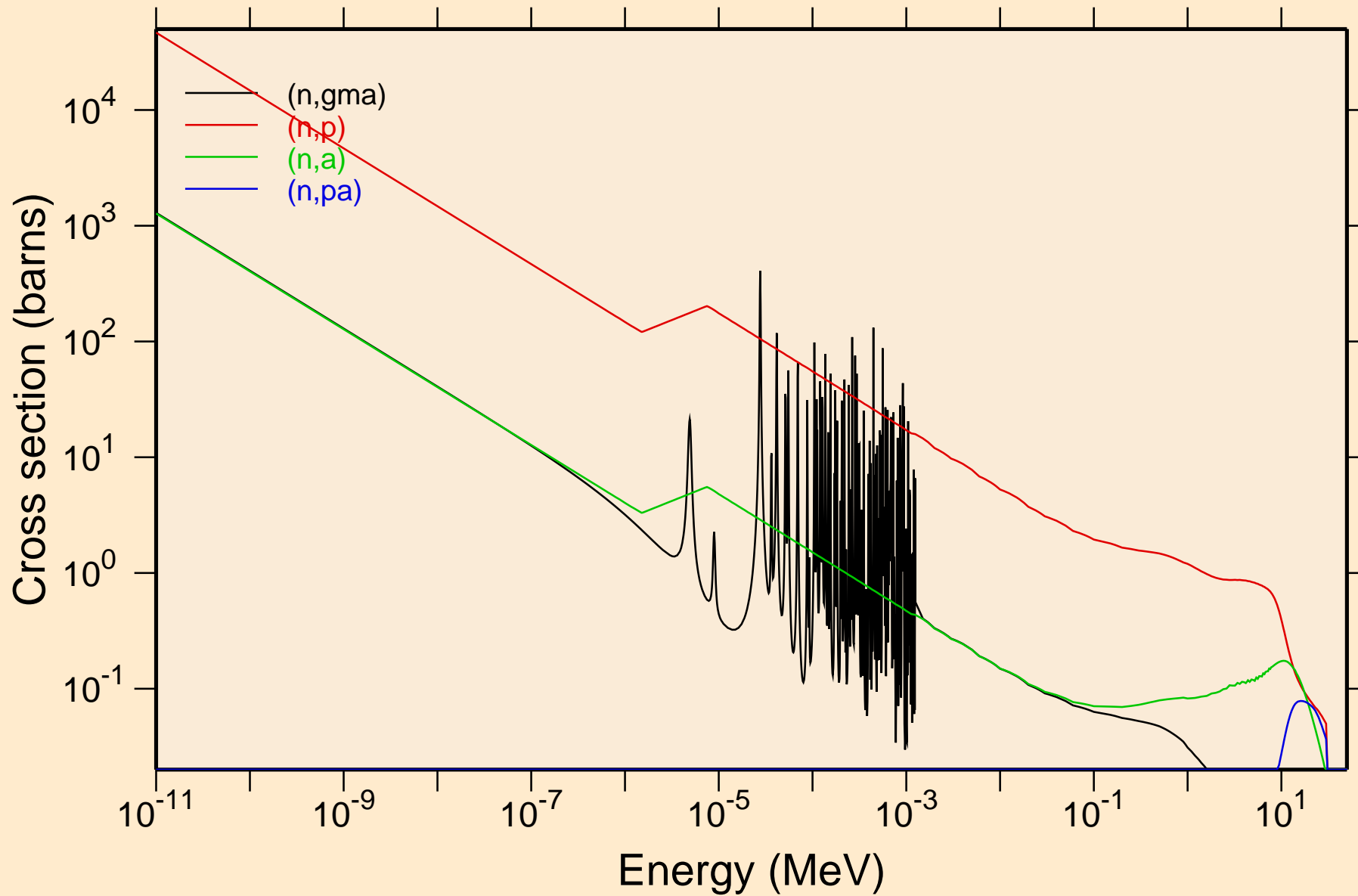


AS070 NRG TENDL-2015, AKONING  
resonance absorption cross sections



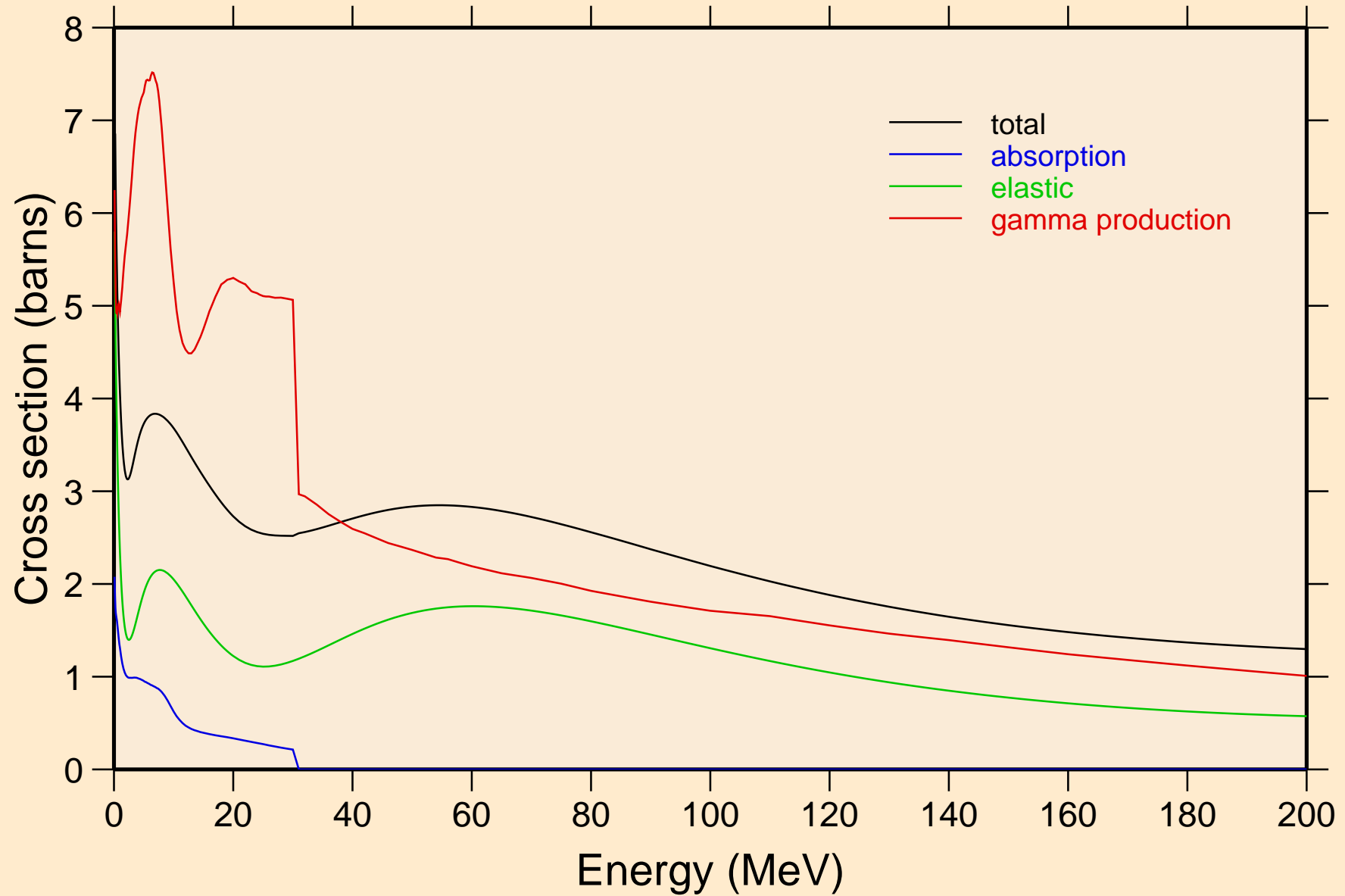
# AS070 NRG TENDL-2015, AKONING

## Non-threshold reactions



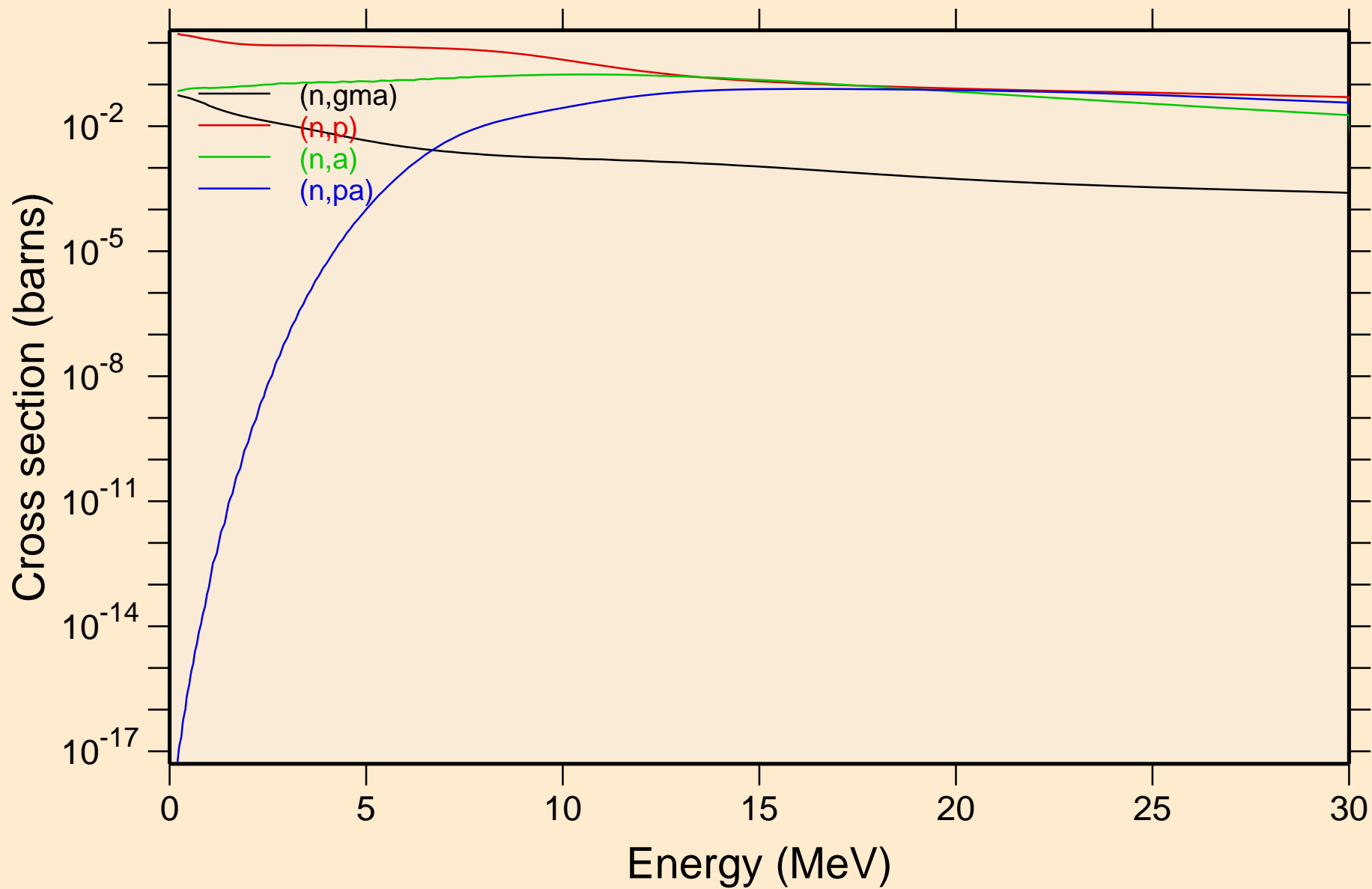
# AS070 NRG TENDL-2015, AKONING

## Principal cross sections



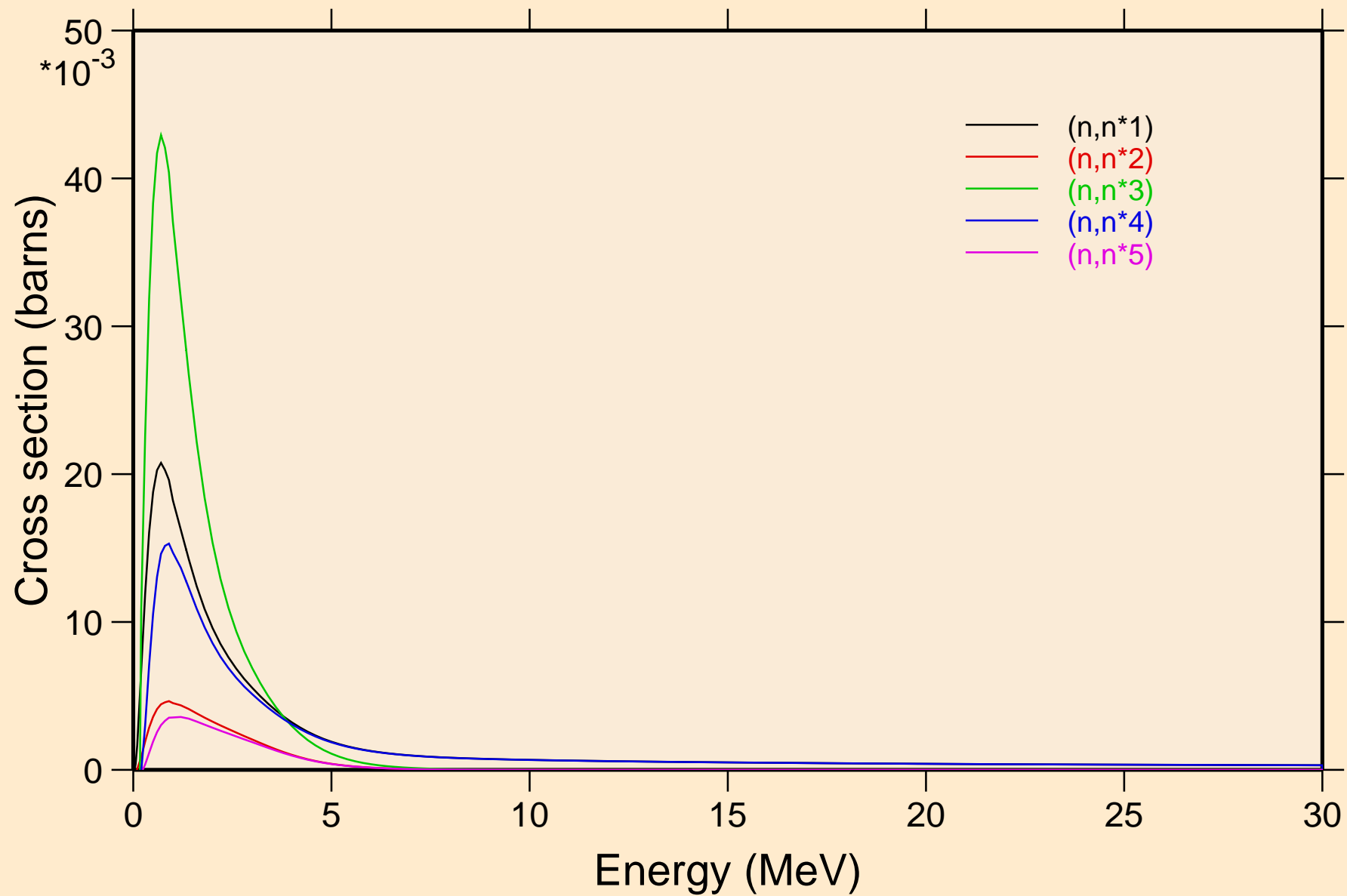
# AS070 NRG TENDL-2015, AKONING

## Non-threshold reactions



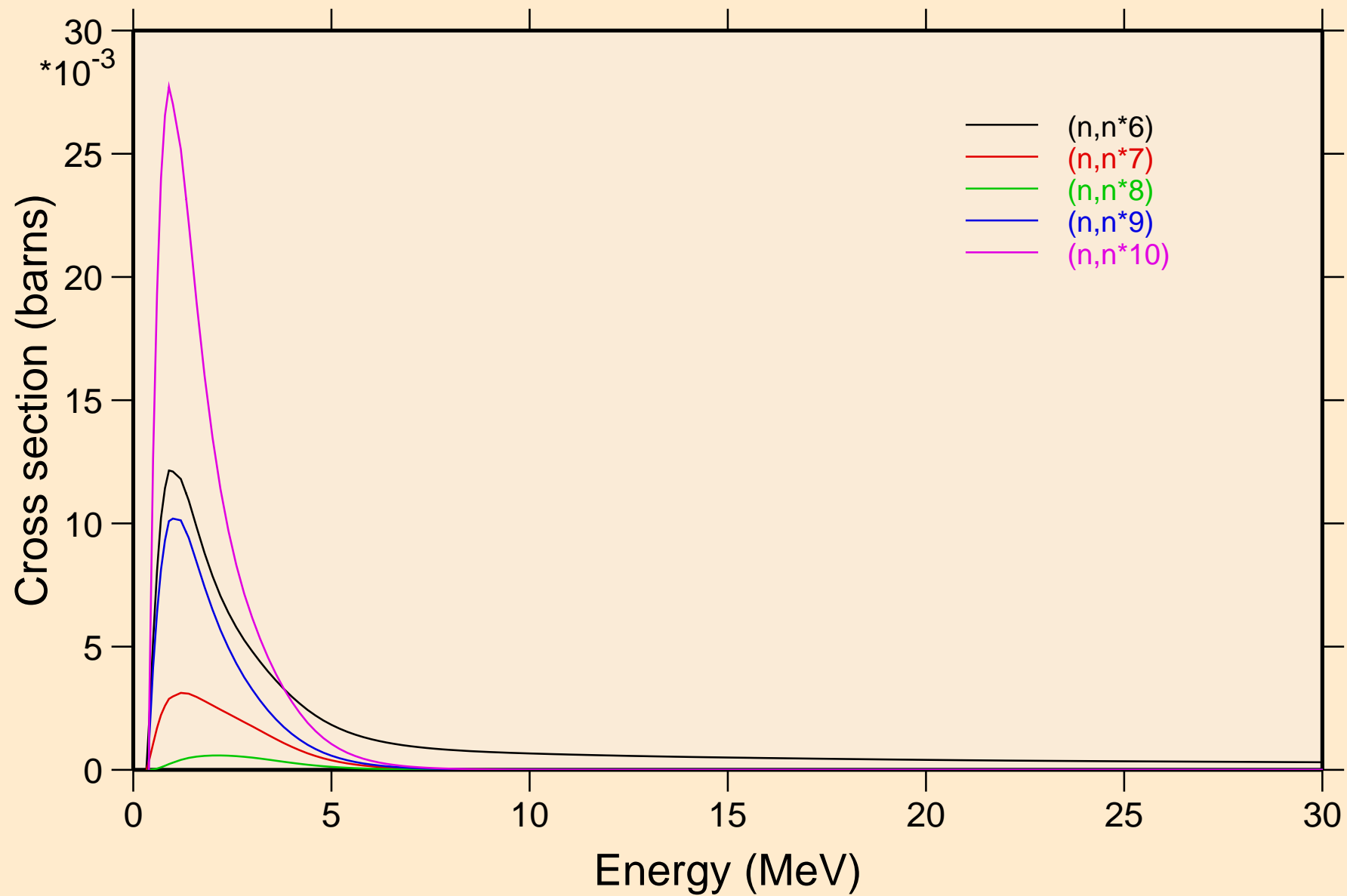
# AS070 NRG TENDL-2015, AKONING

## Inelastic levels



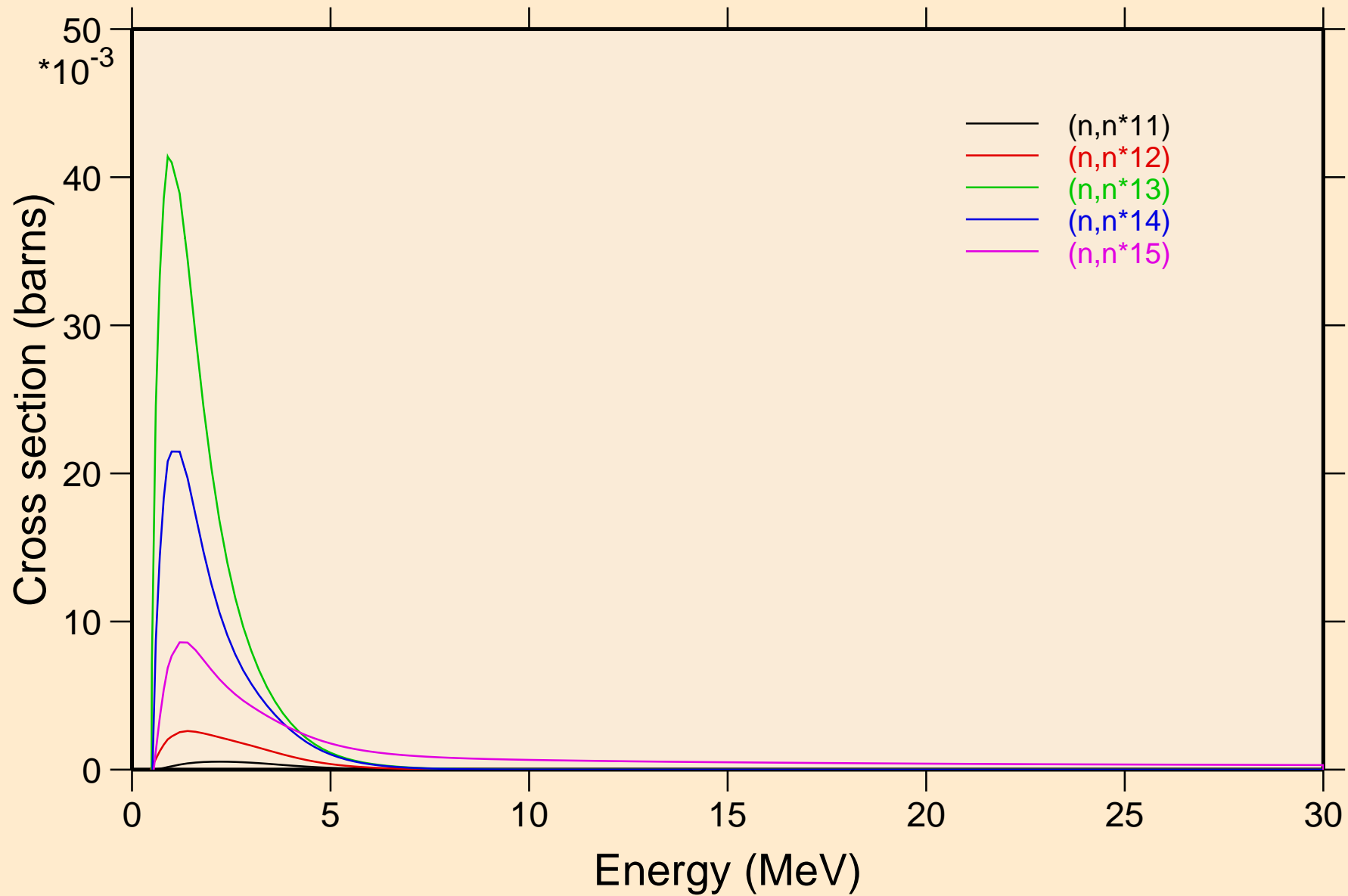
# AS070 NRG TENDL-2015, AKONING

## Inelastic levels



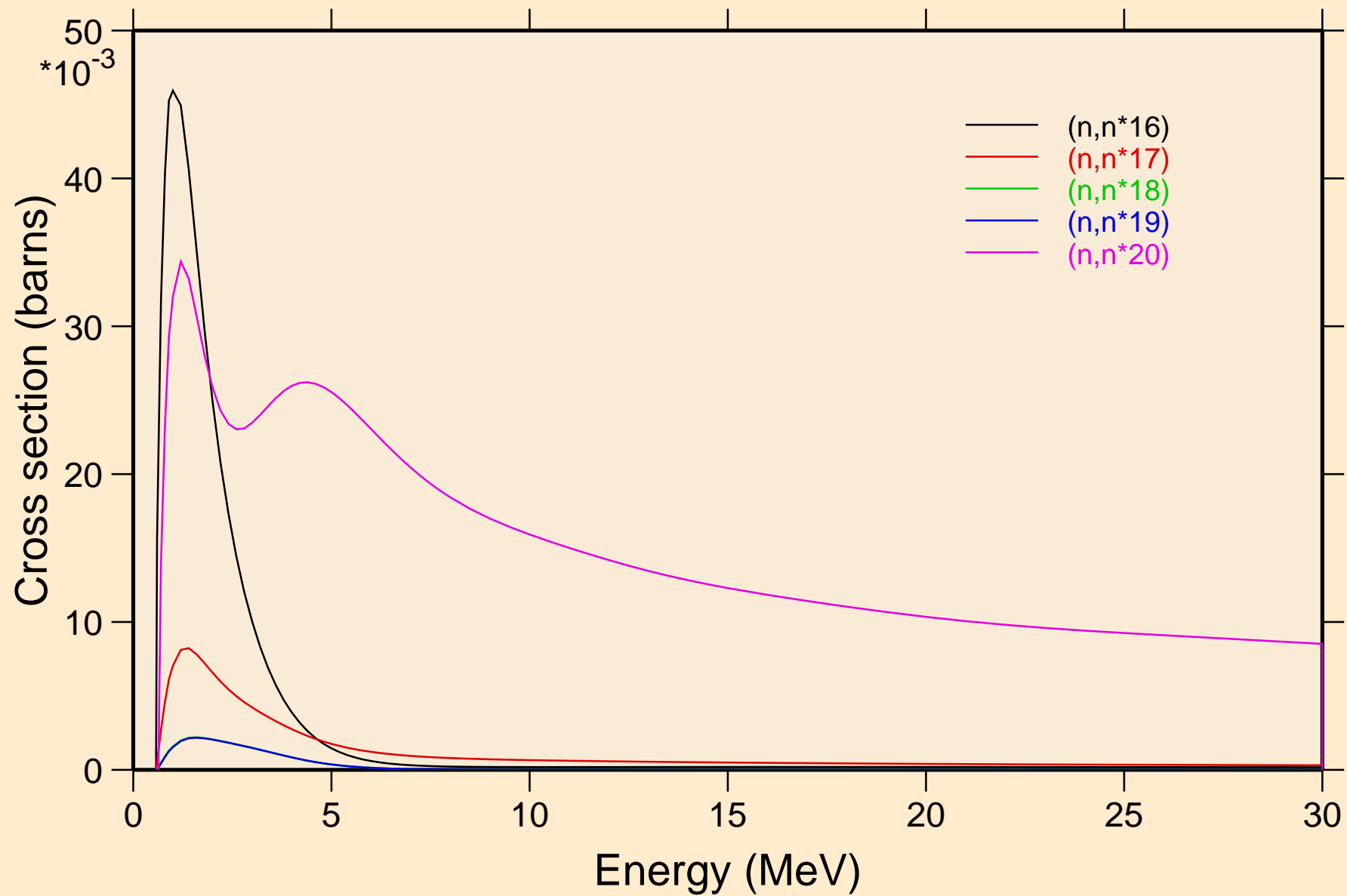
# AS070 NRG TENDL-2015, AKONING

## Inelastic levels



# AS070 NRG TENDL-2015, AKONING

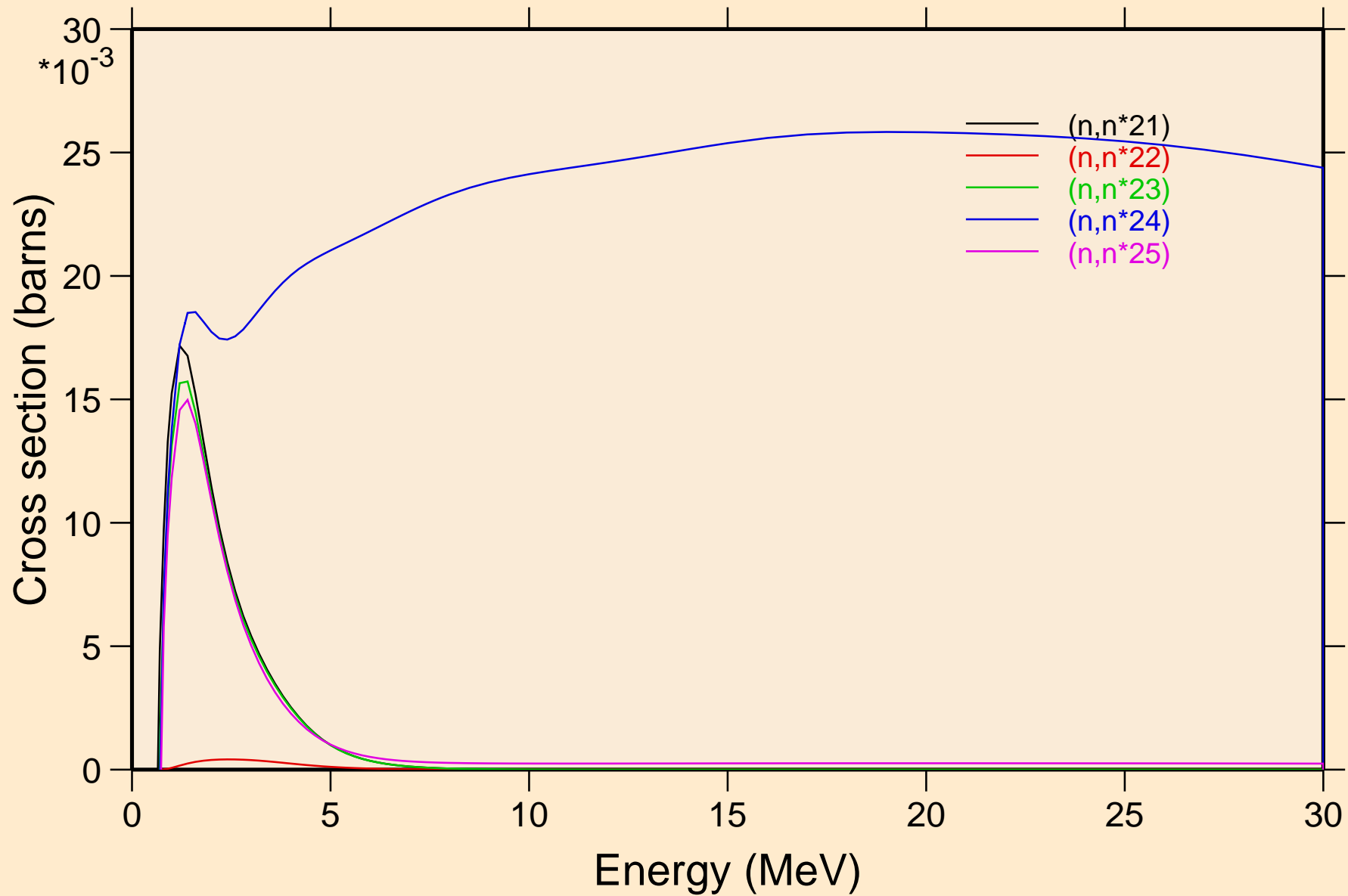
## Inelastic levels





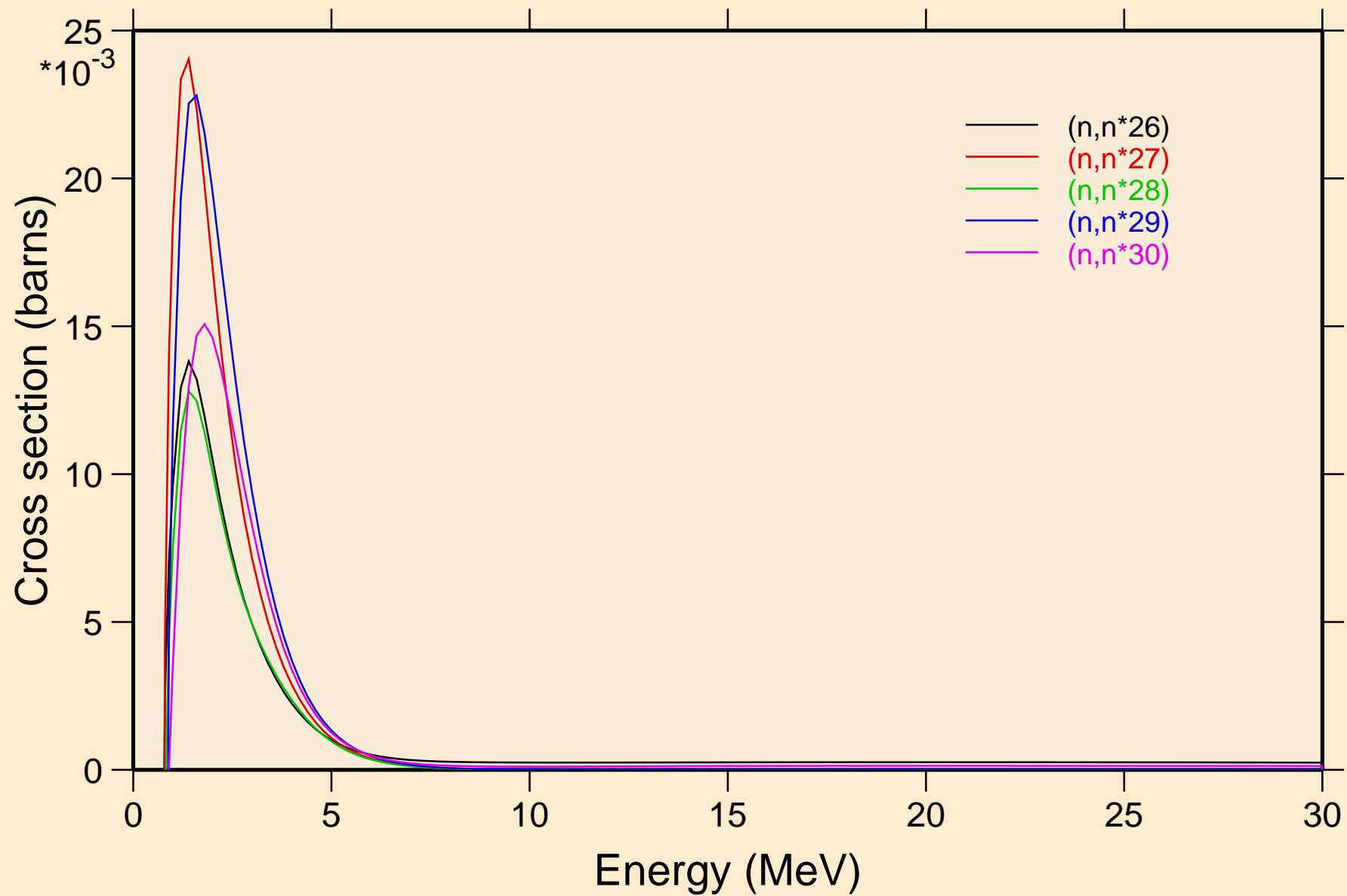
# AS070 NRG TENDL-2015, AKONING

## Inelastic levels



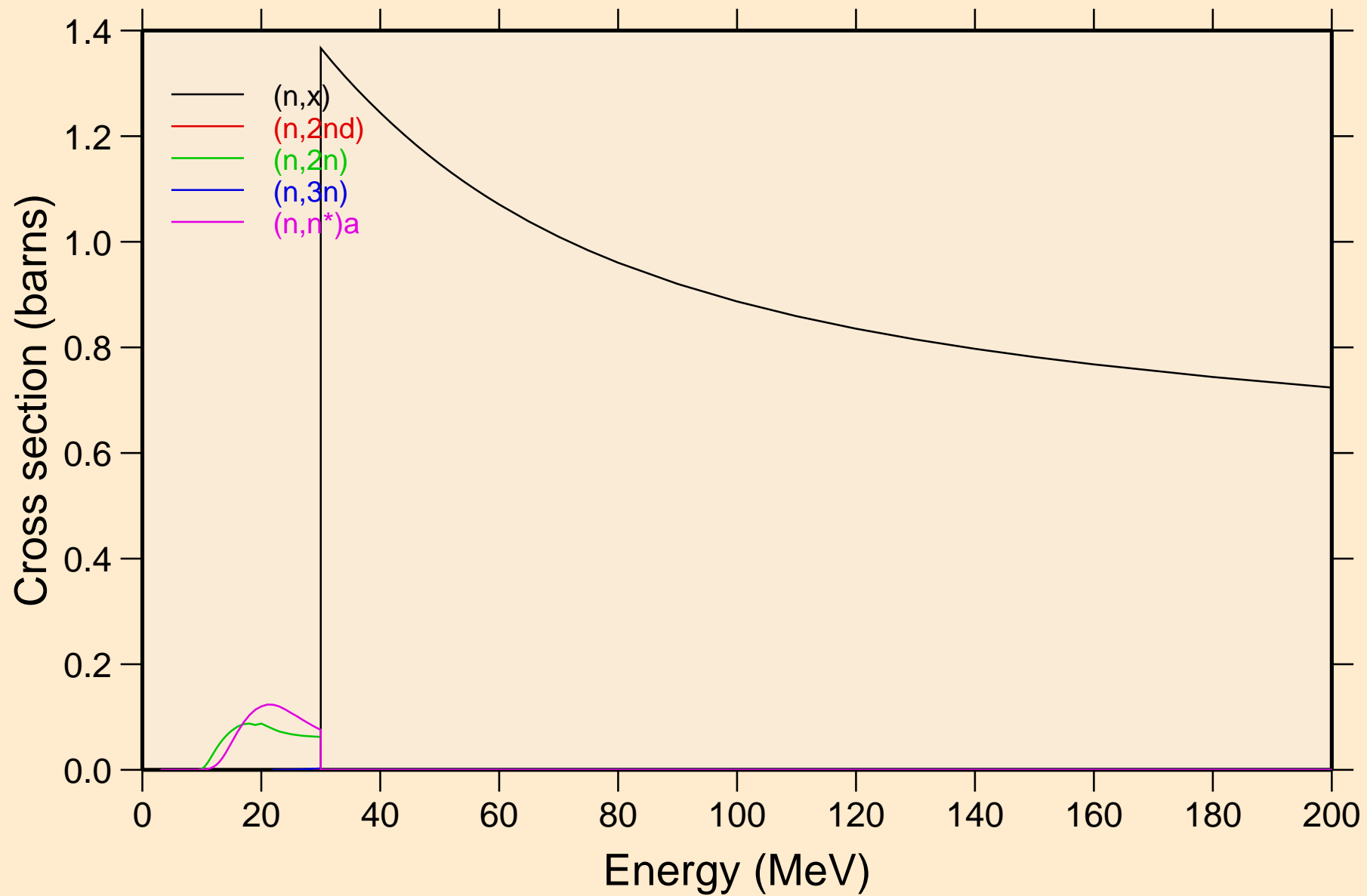
# AS070 NRG TENDL-2015, AKONING

## Inelastic levels



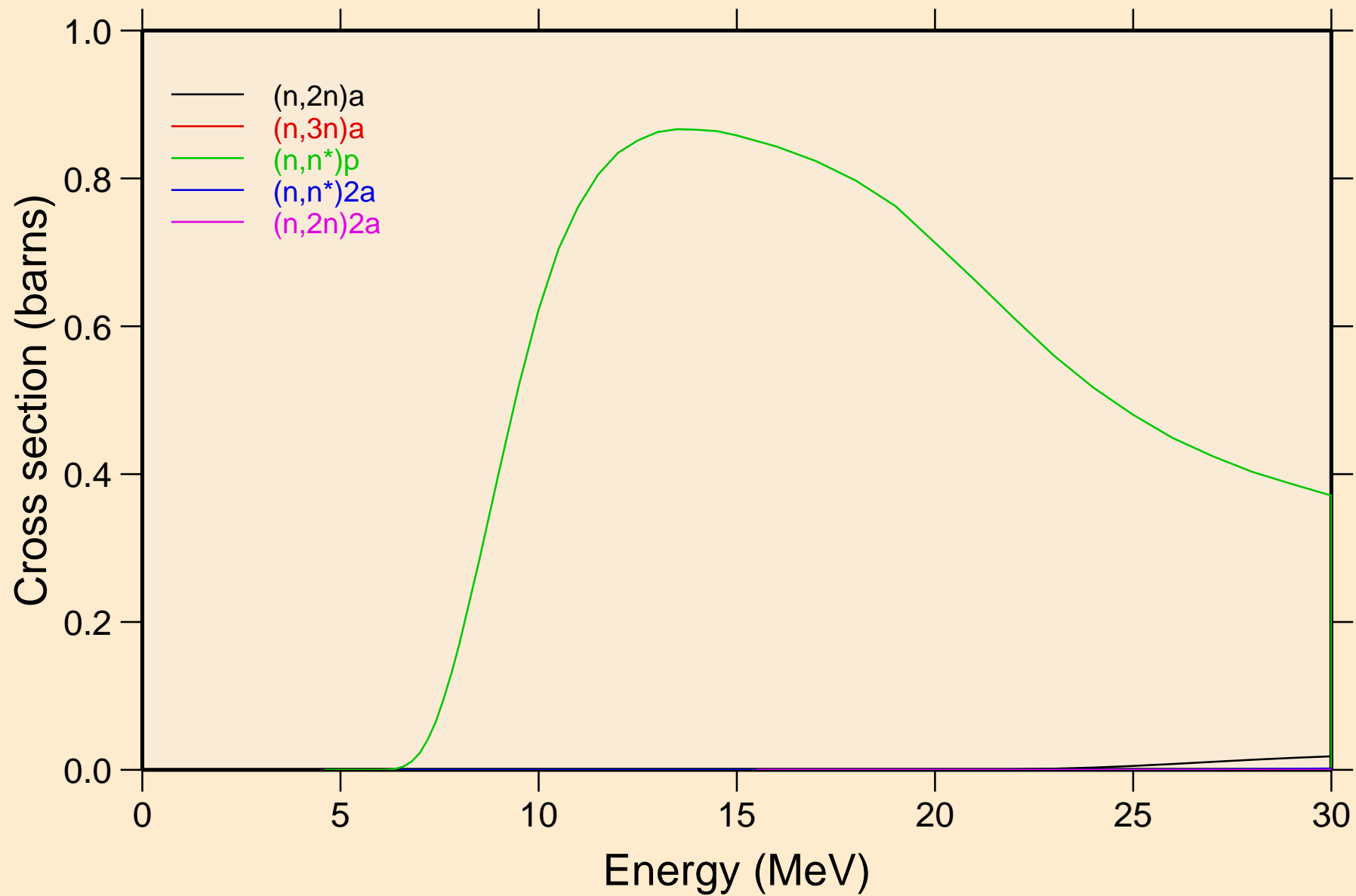
# AS070 NRG TENDL-2015, AKONING

## Threshold reactions



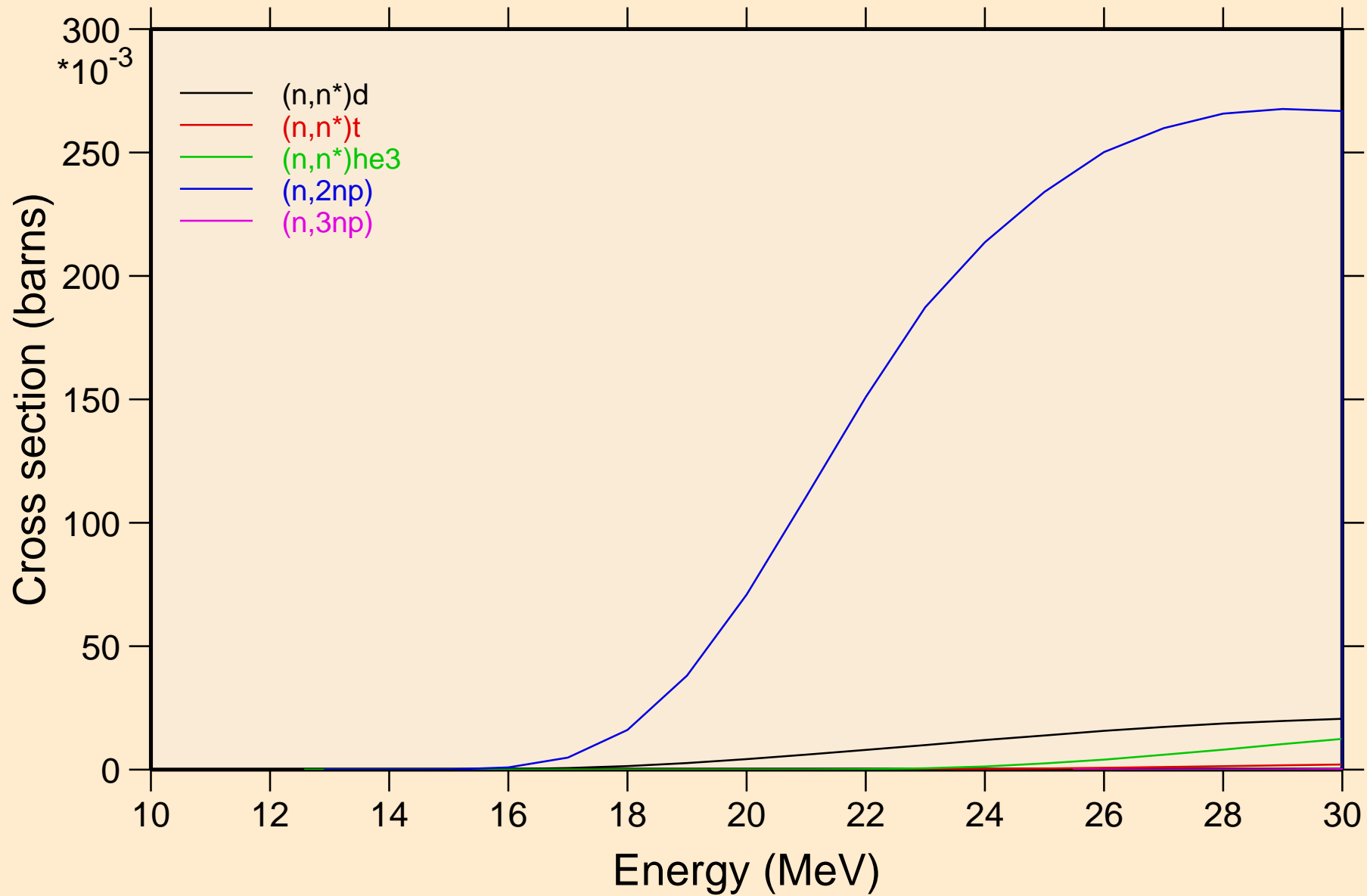
# AS070 NRG TENDL-2015, AKONING

## Threshold reactions



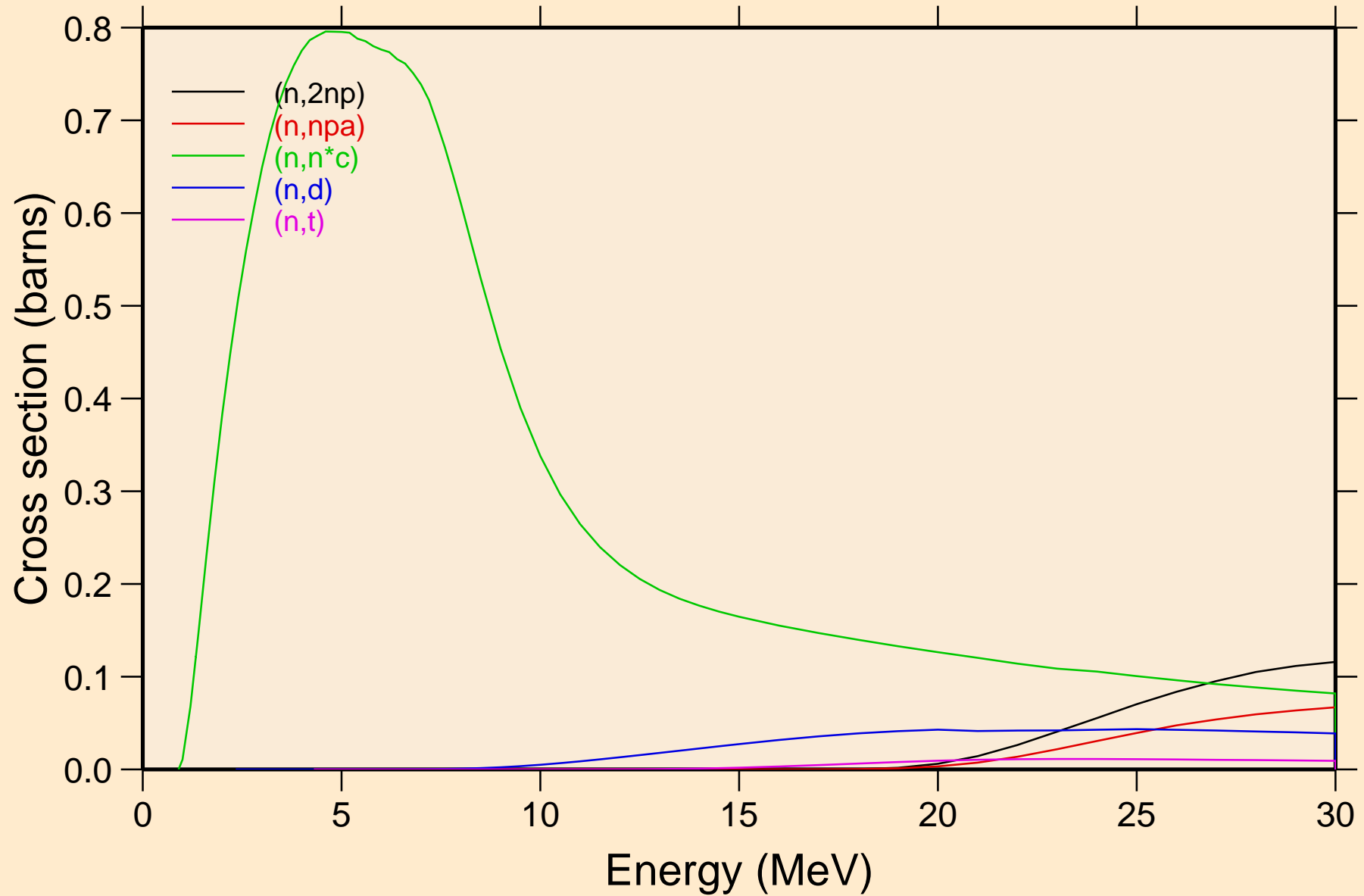
# AS070 NRG TENDL-2015, AKONING

## Threshold reactions



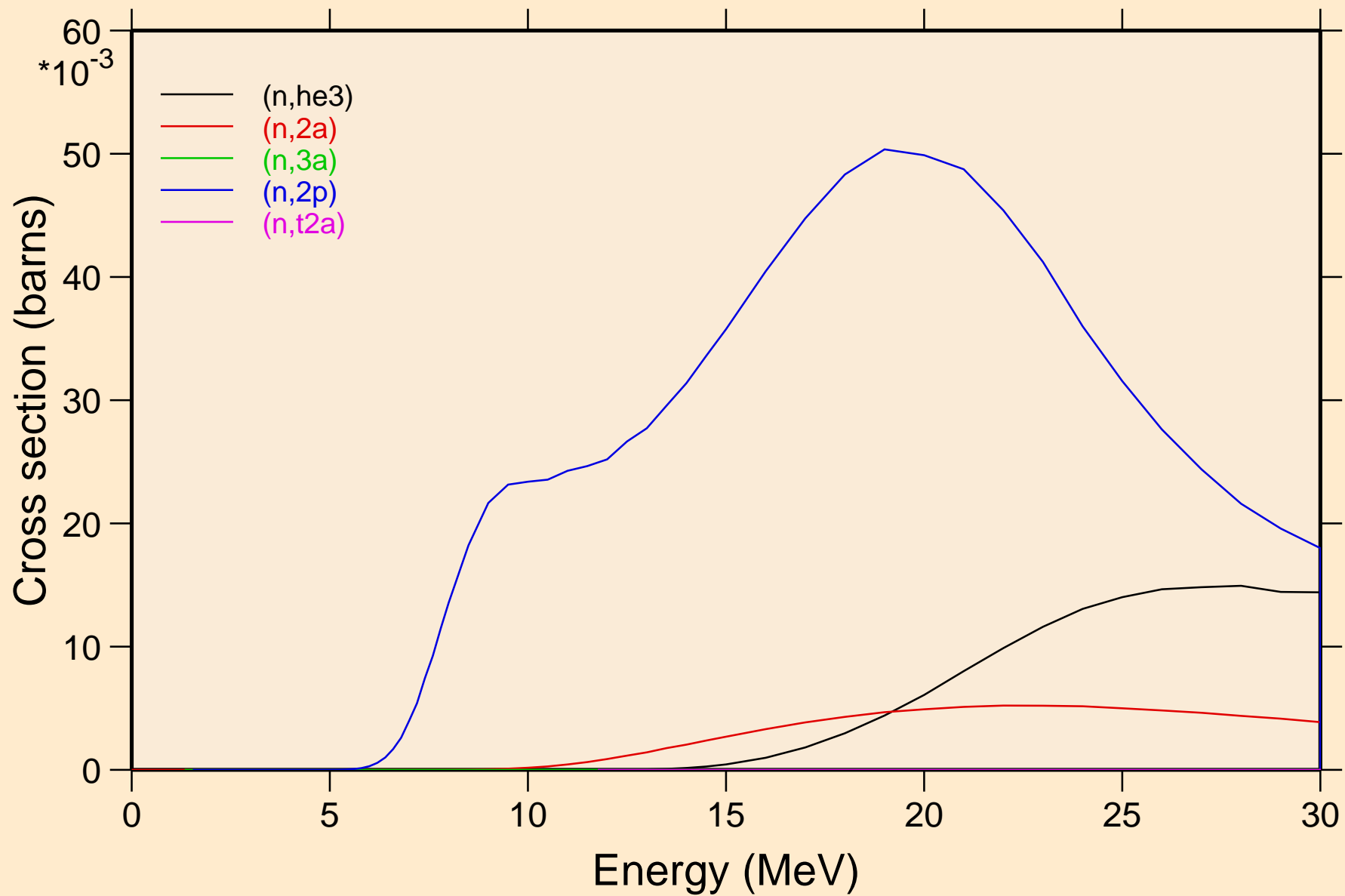
# AS070 NRG TENDL-2015, AKONING

## Threshold reactions



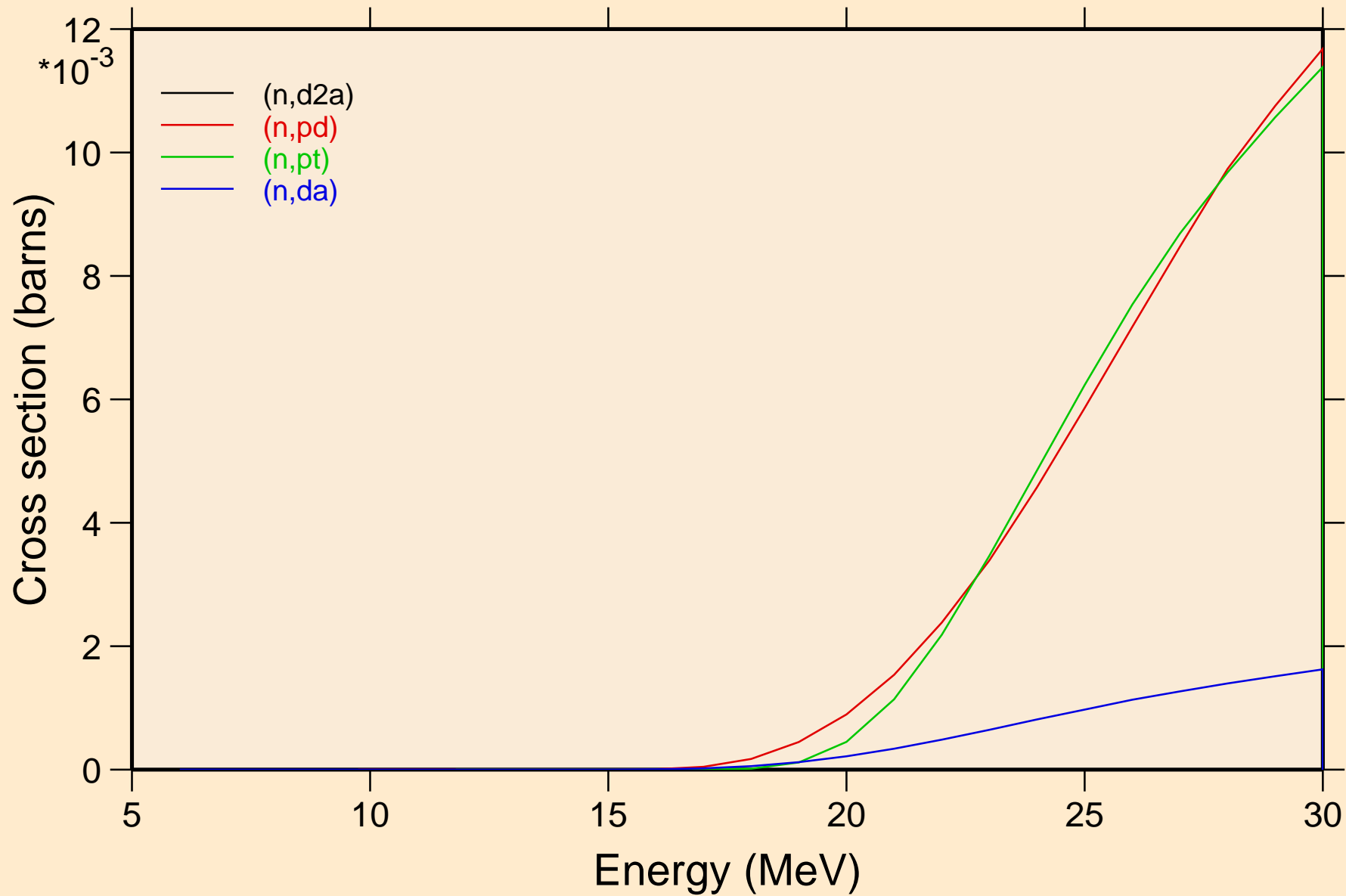
# AS070 NRG TENDL-2015, AKONING

## Threshold reactions



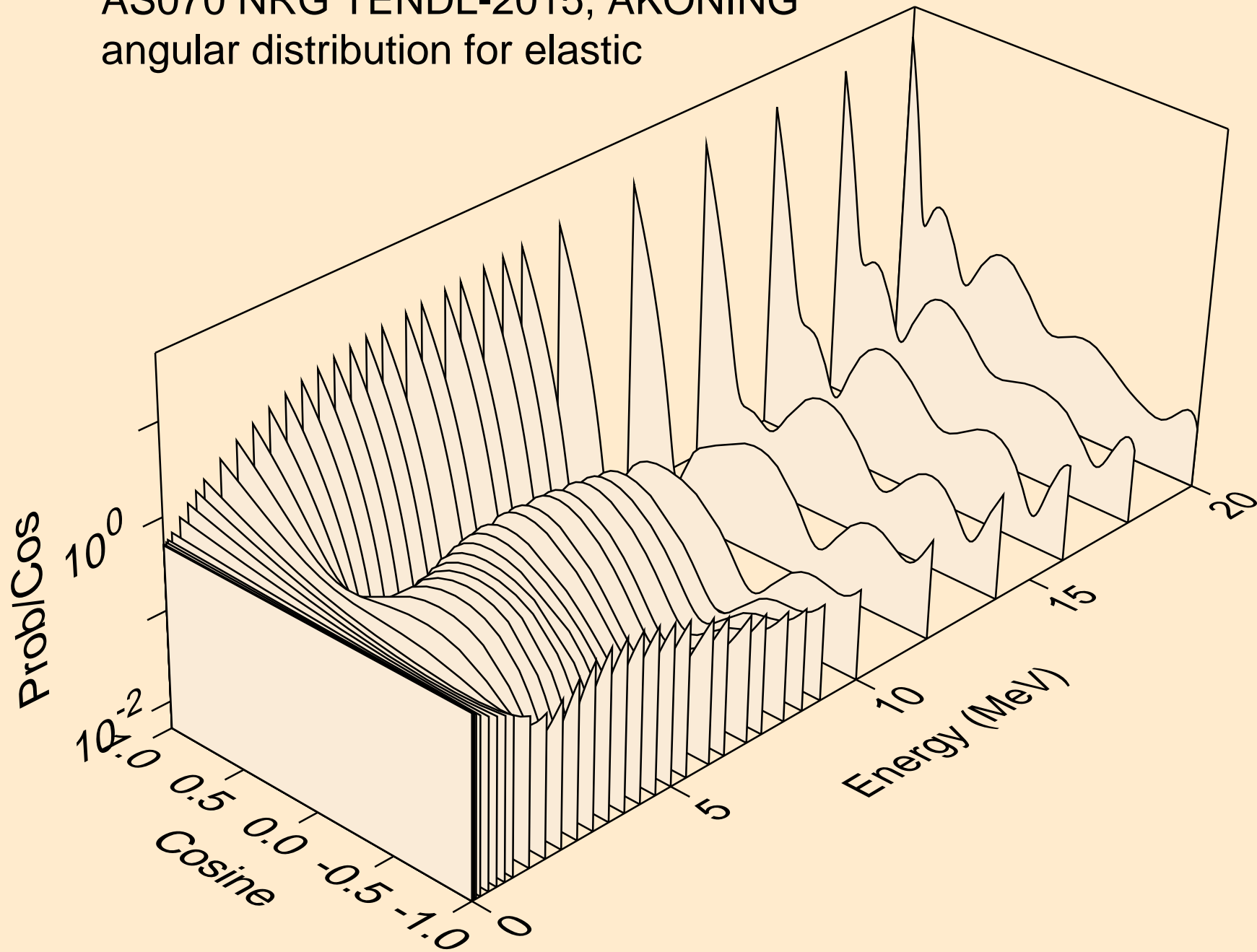
# AS070 NRG TENDL-2015, AKONING

## Threshold reactions

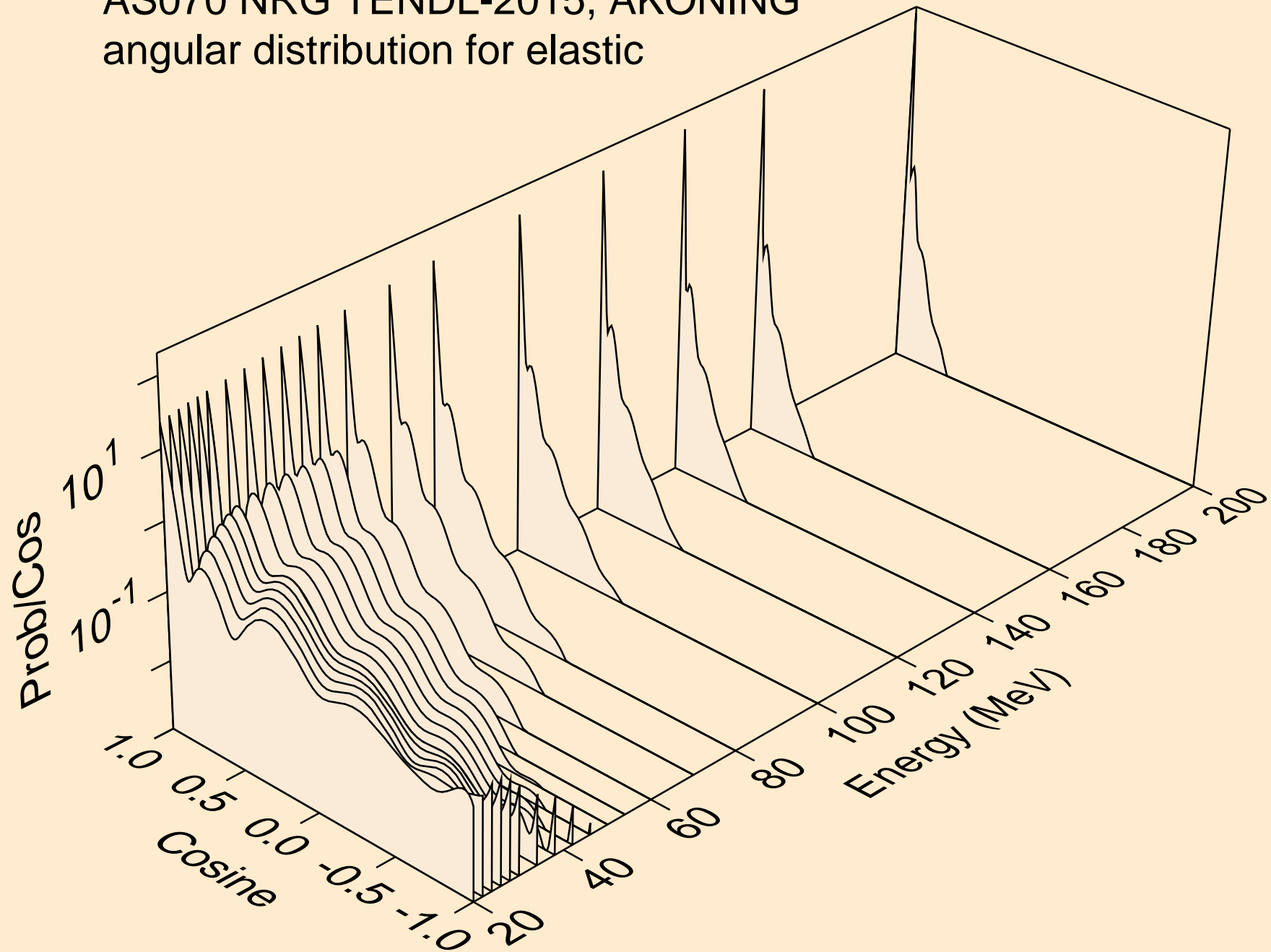




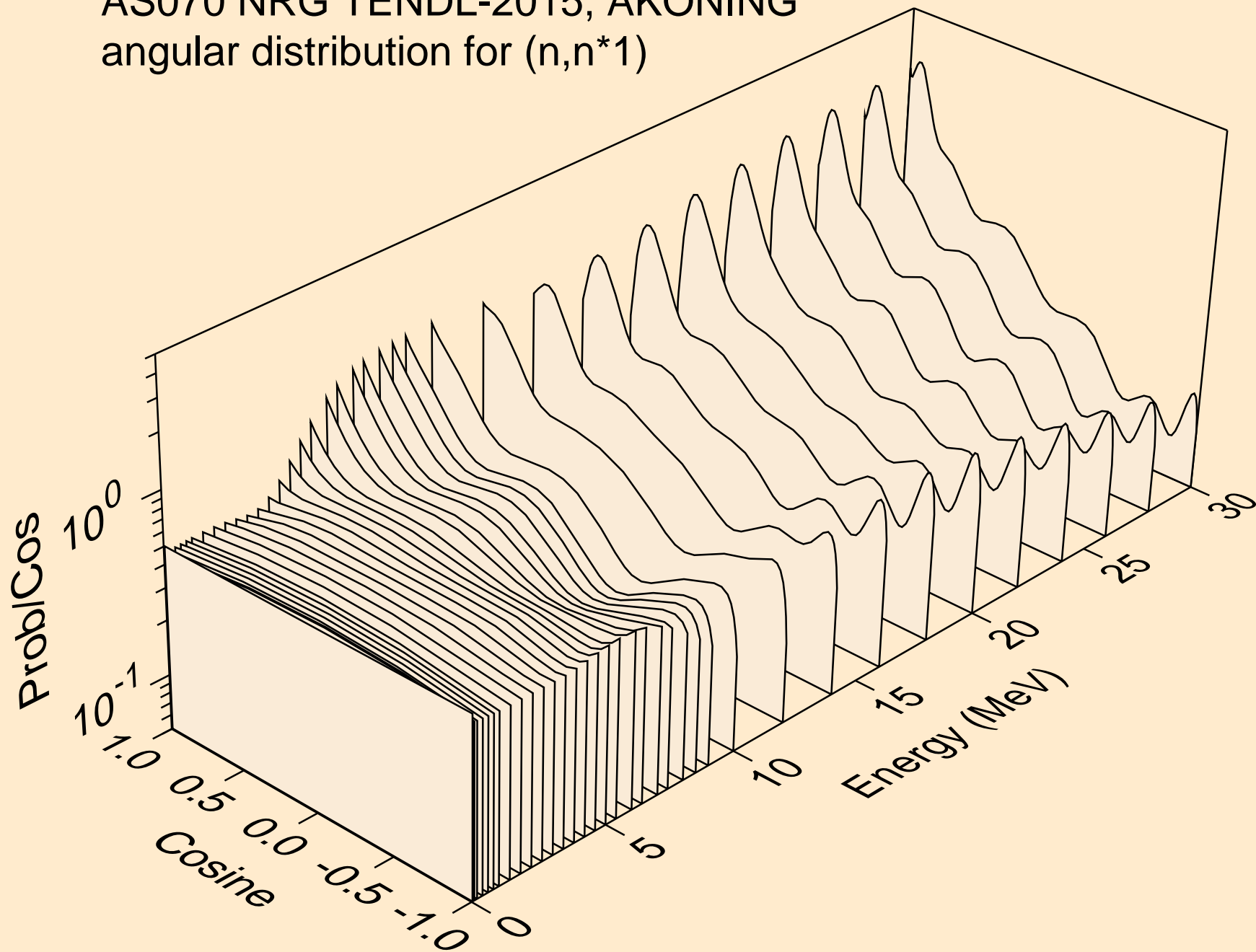
AS070 NRG TENDL-2015, AKONING  
angular distribution for elastic



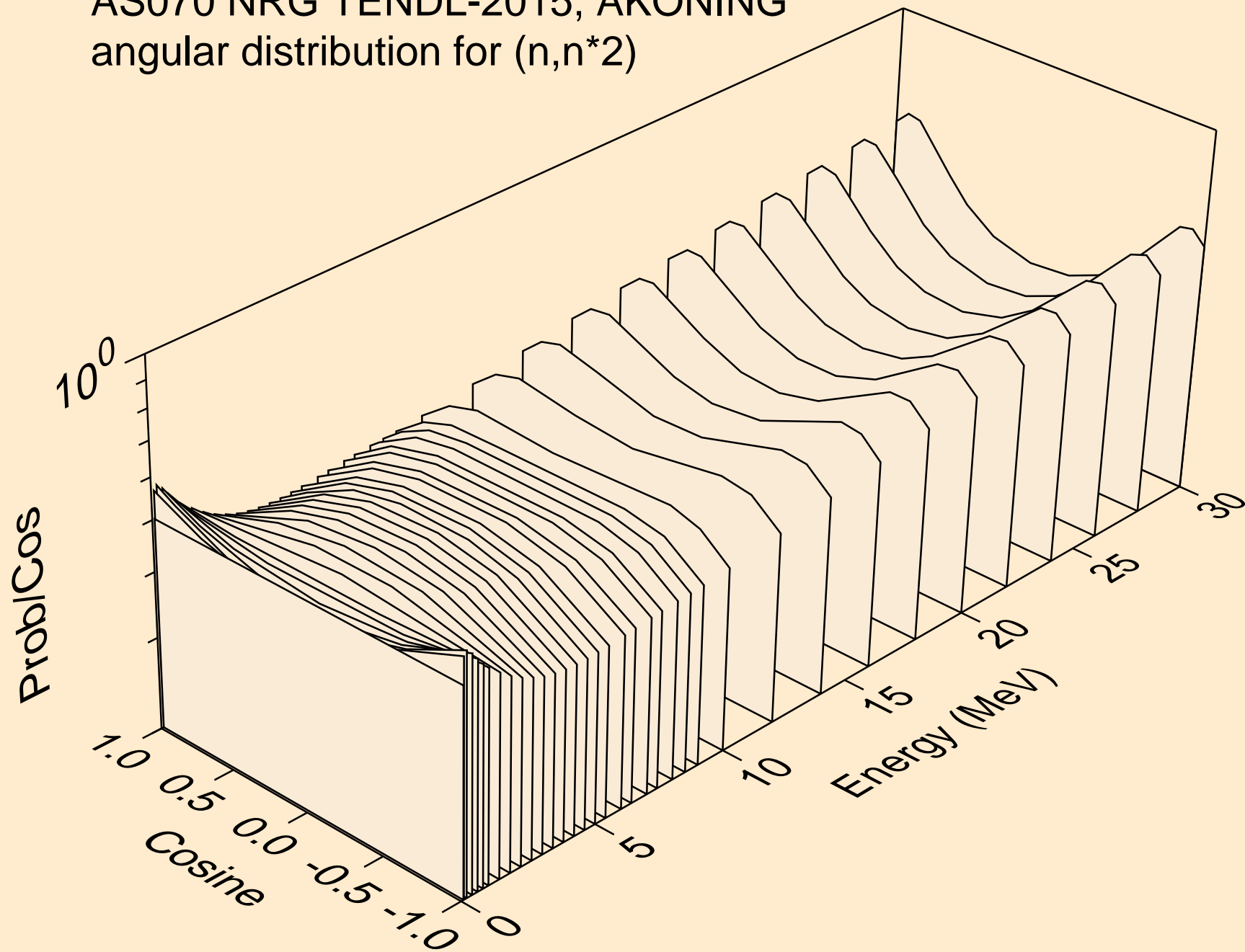
AS070 NRG TENDL-2015, AKONING  
angular distribution for elastic



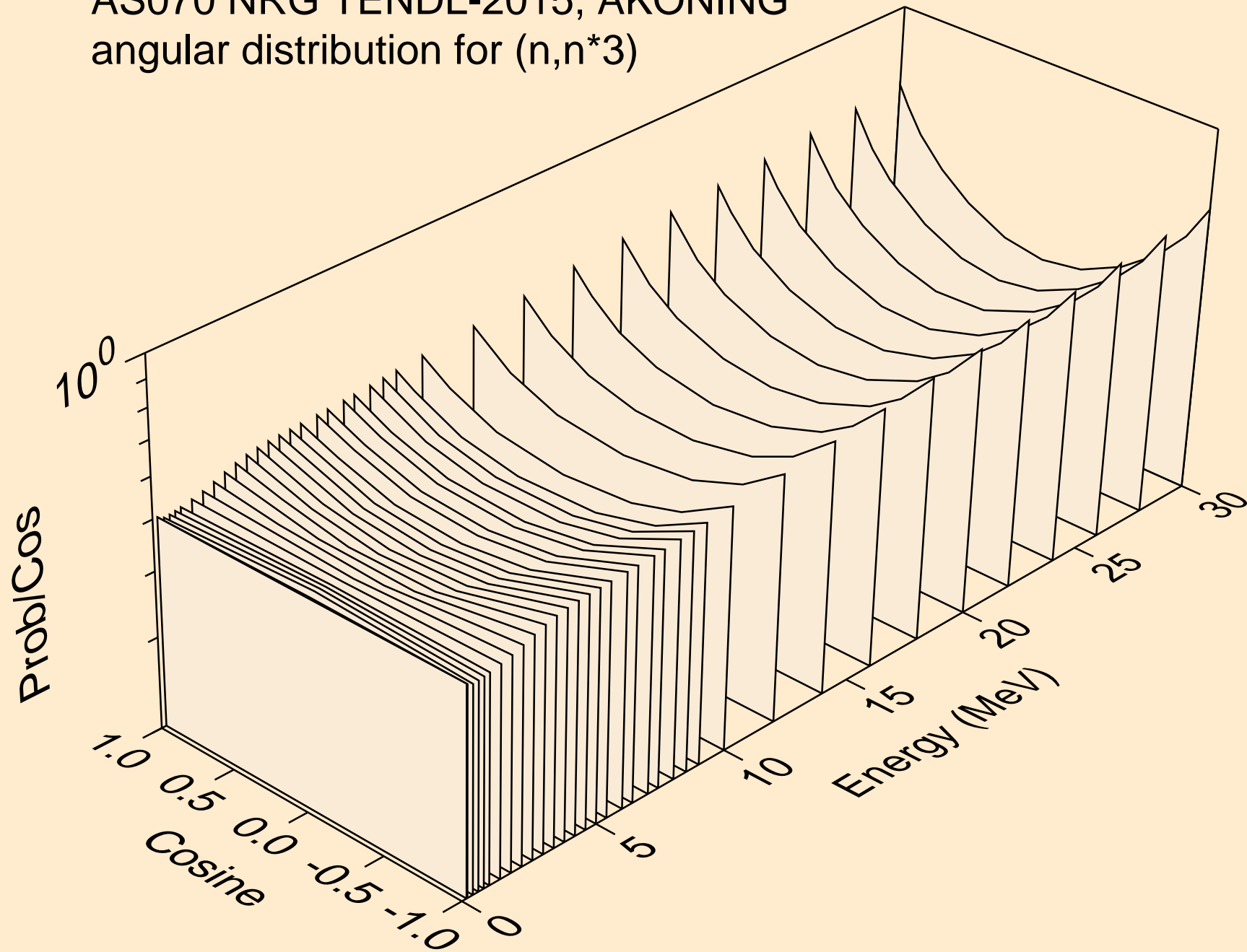
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



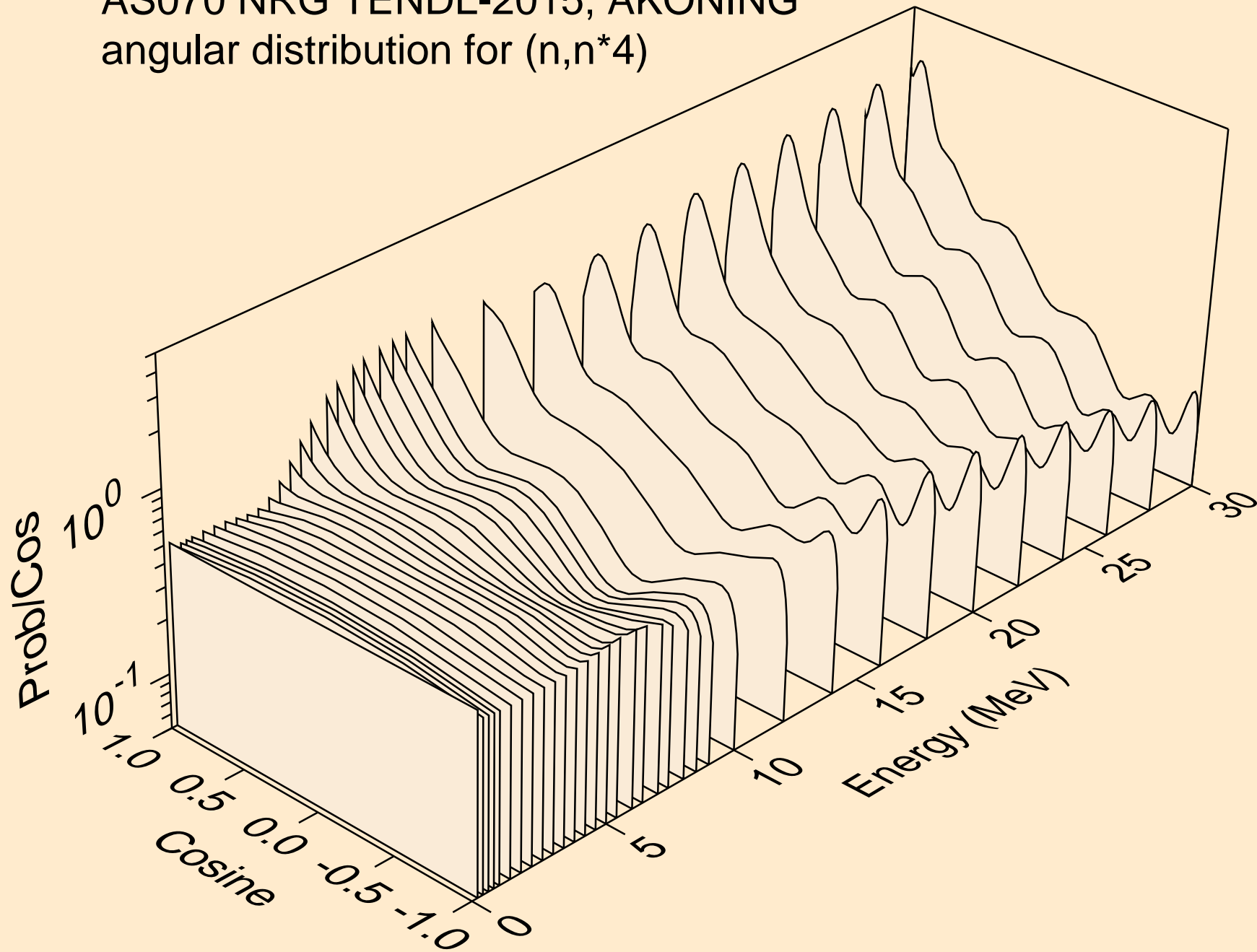
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



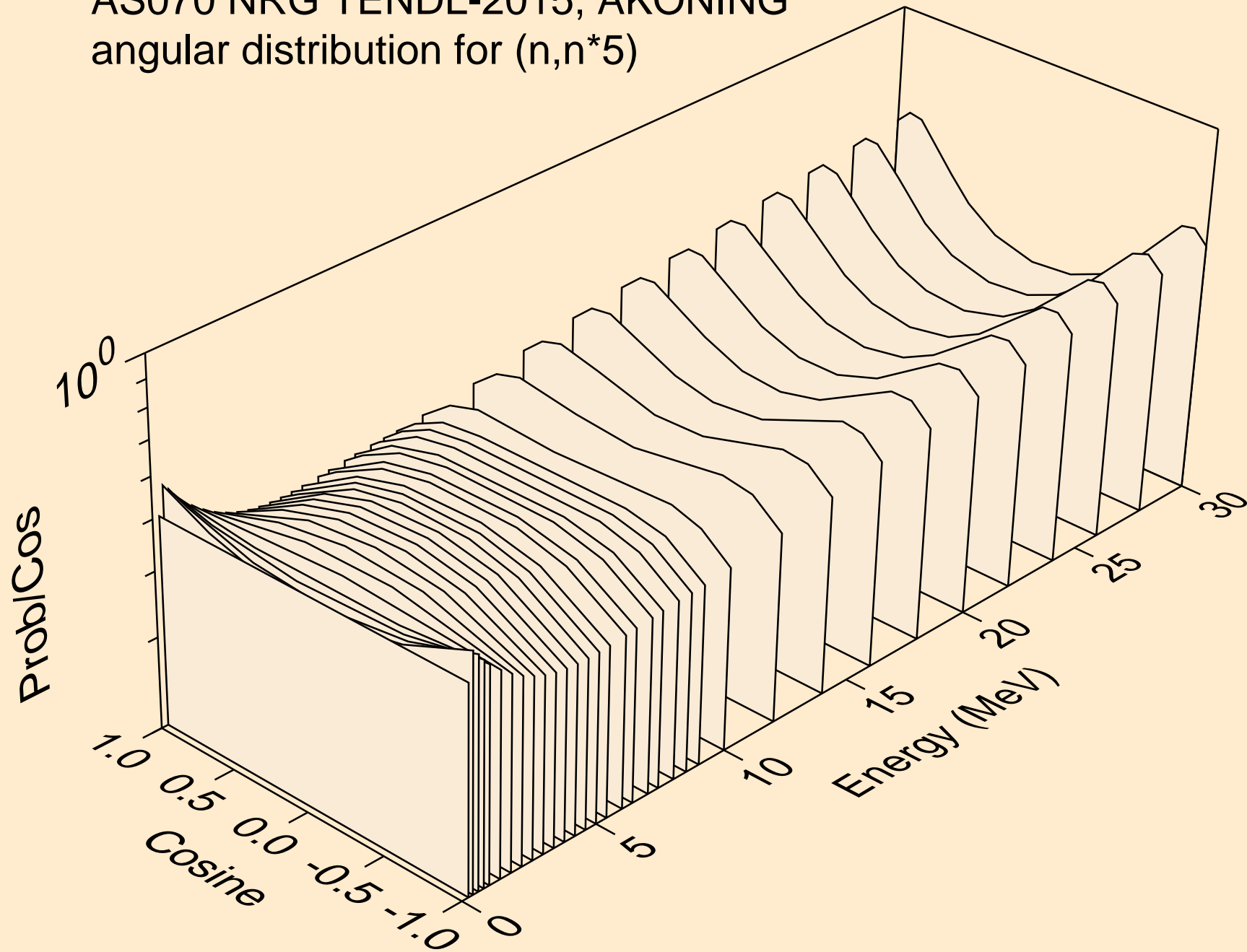
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



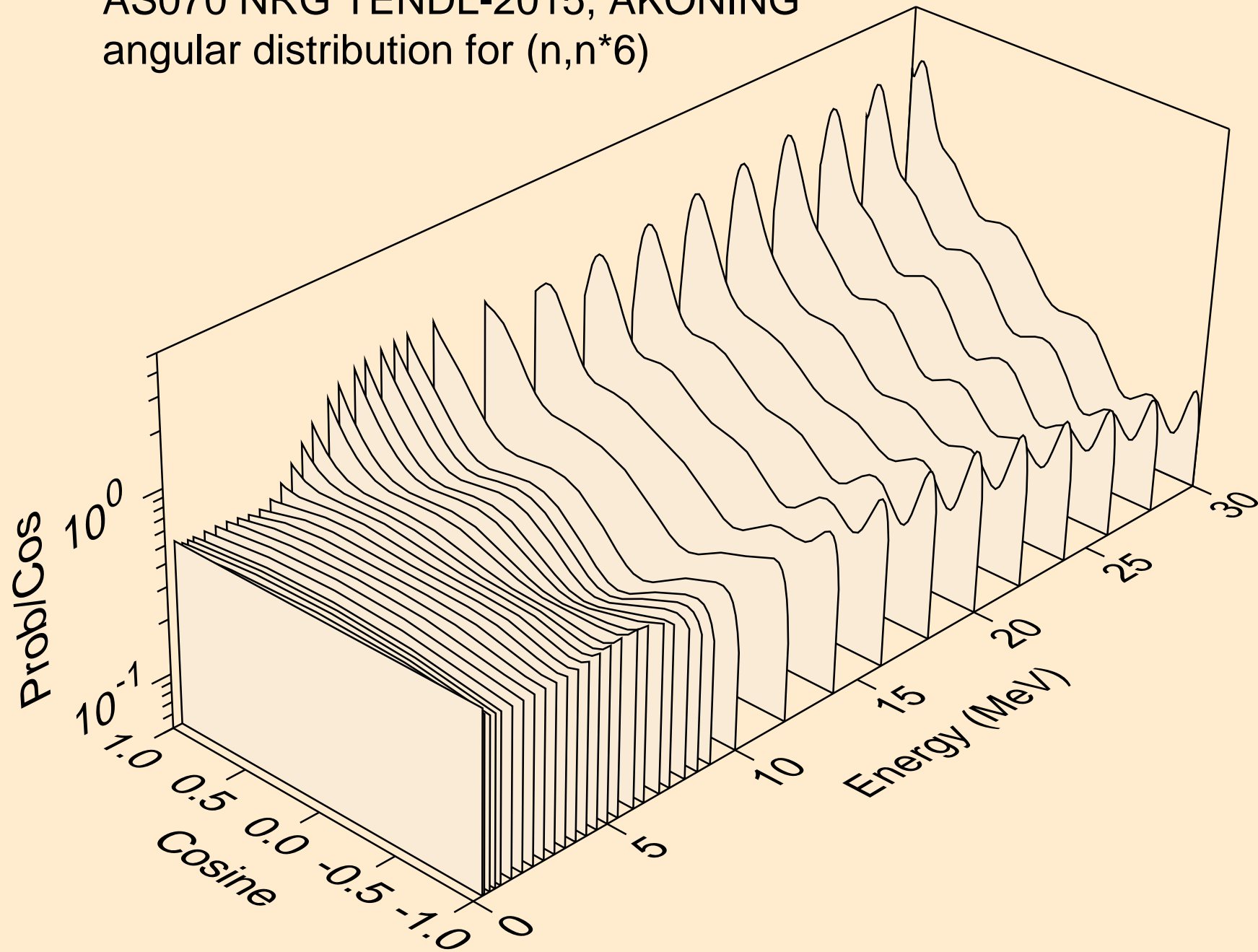
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

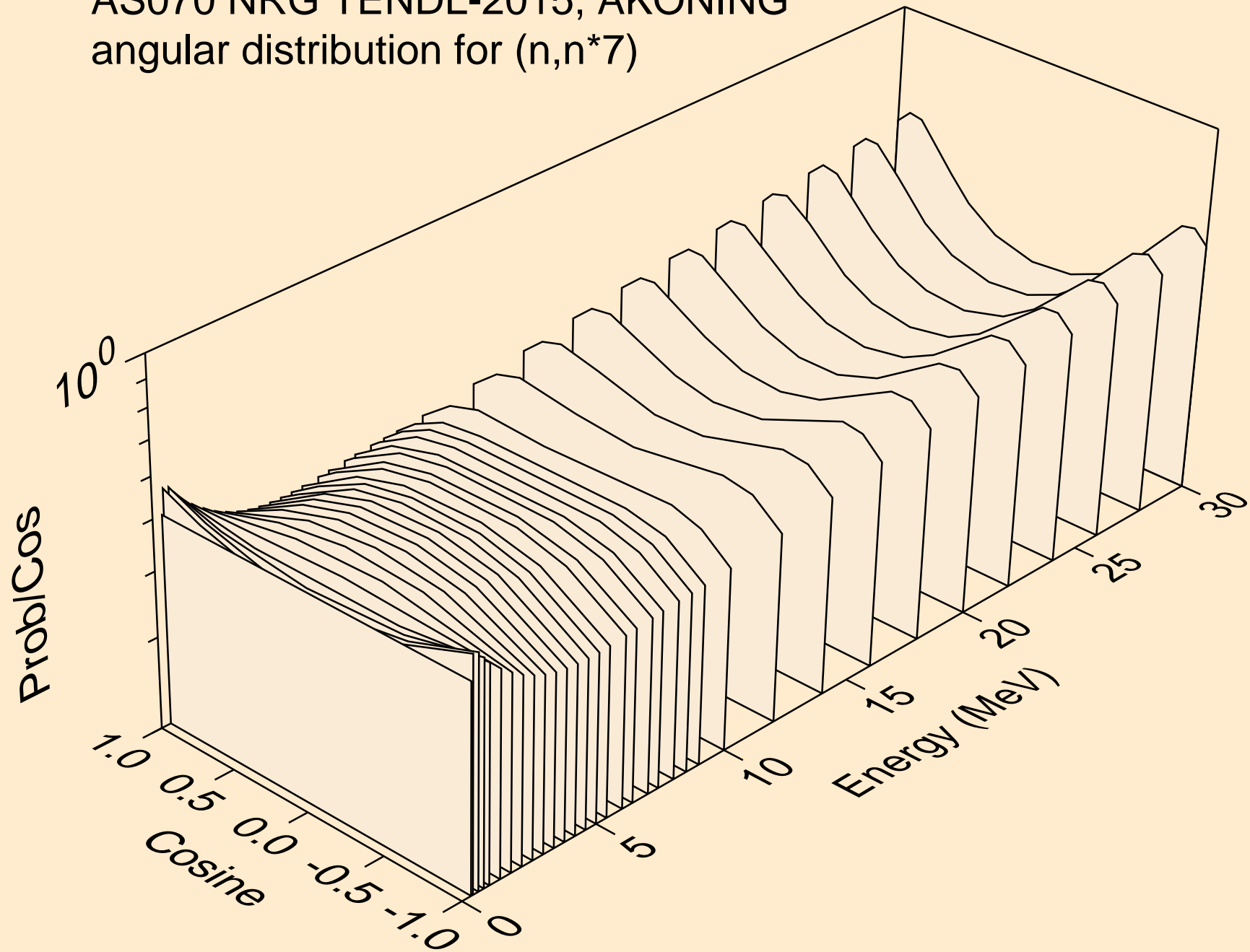


AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

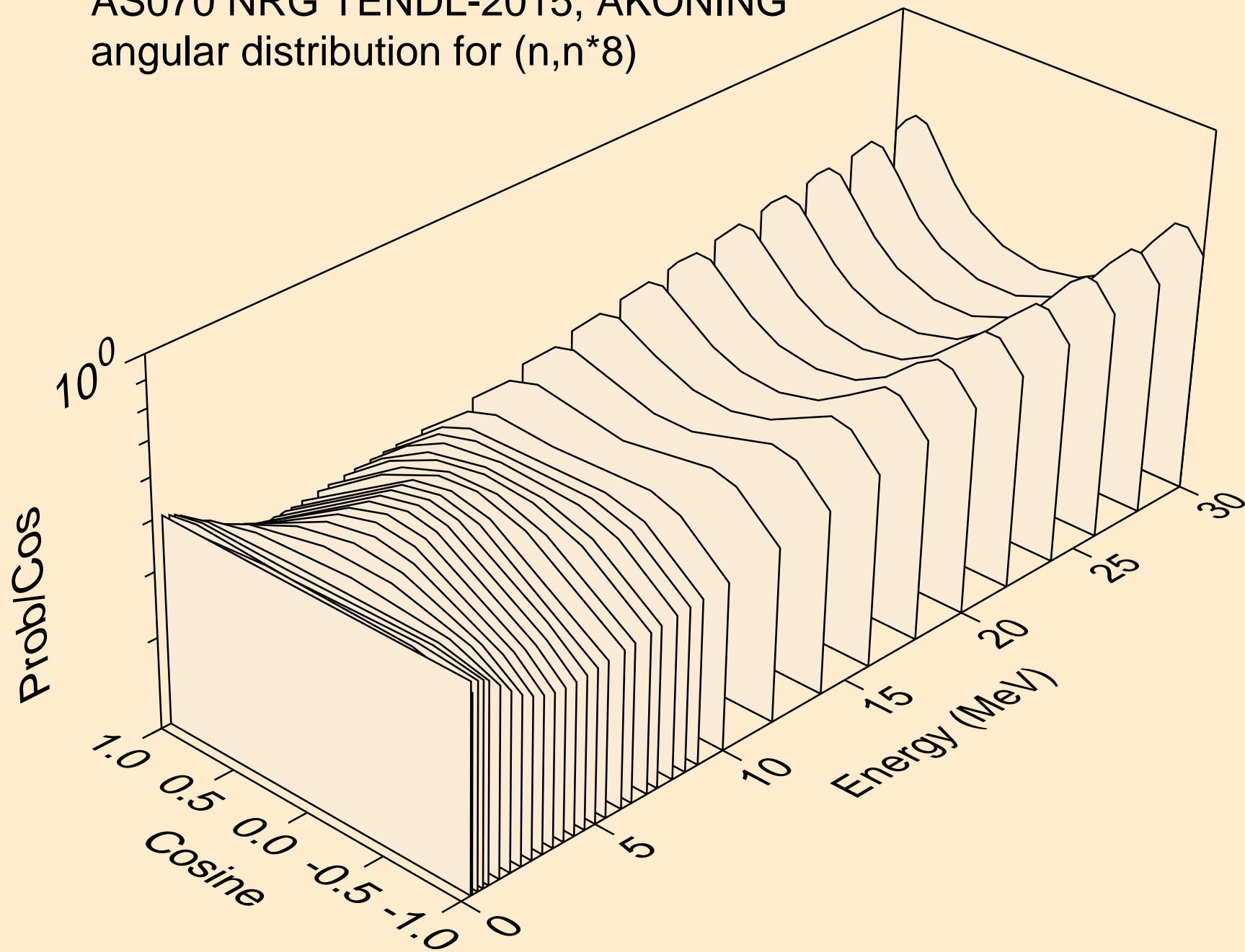




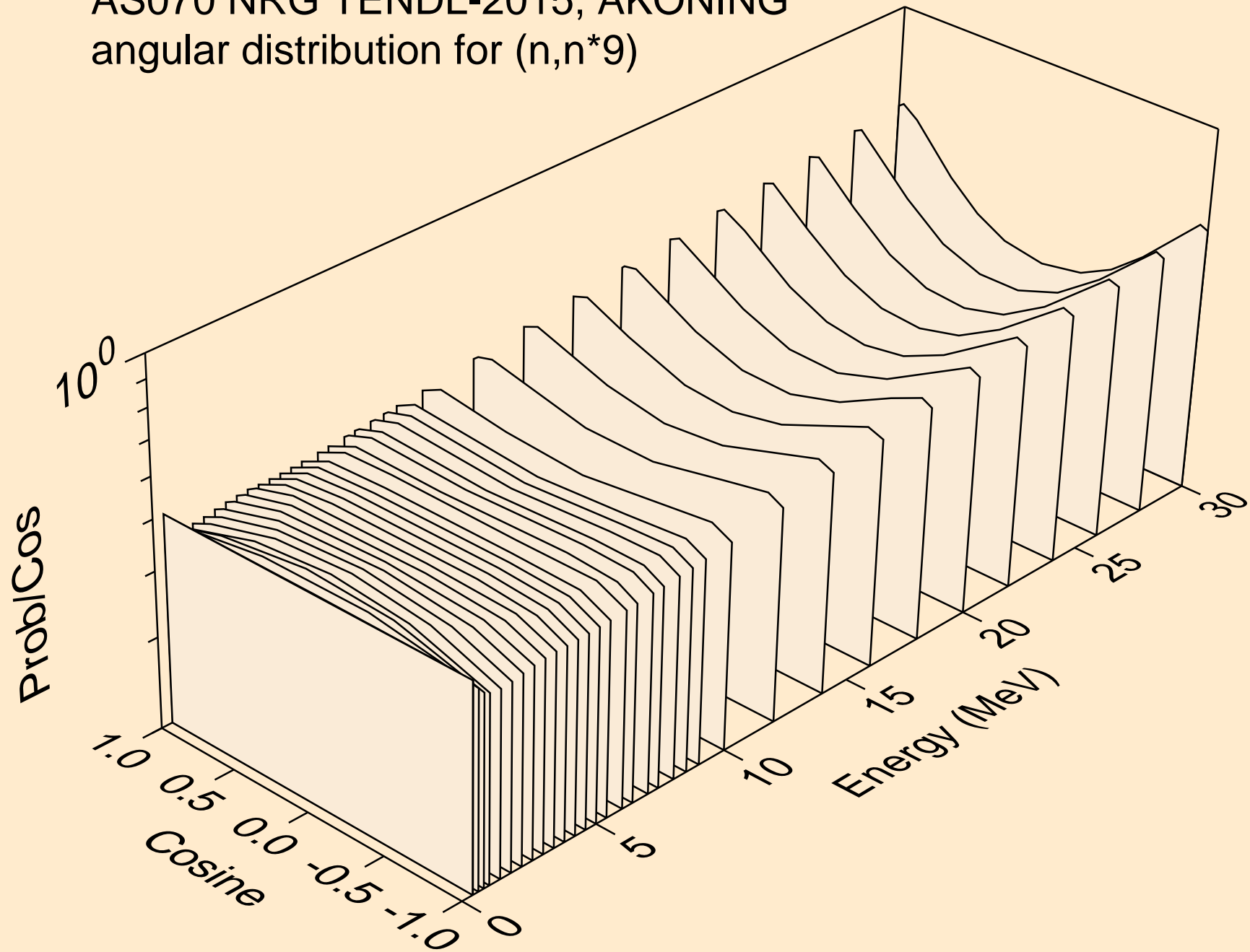
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angular distribution for (n,n\*7)



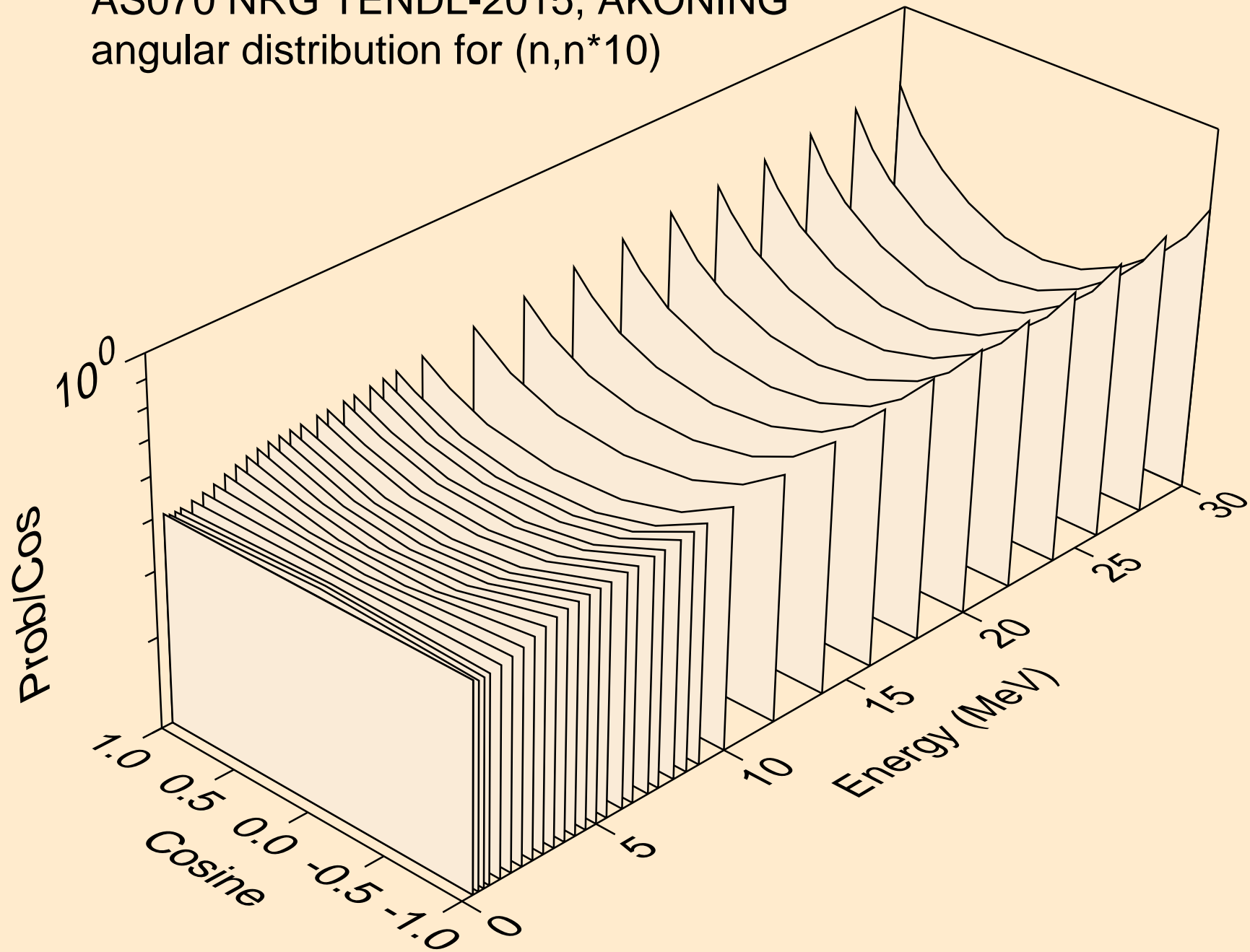
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



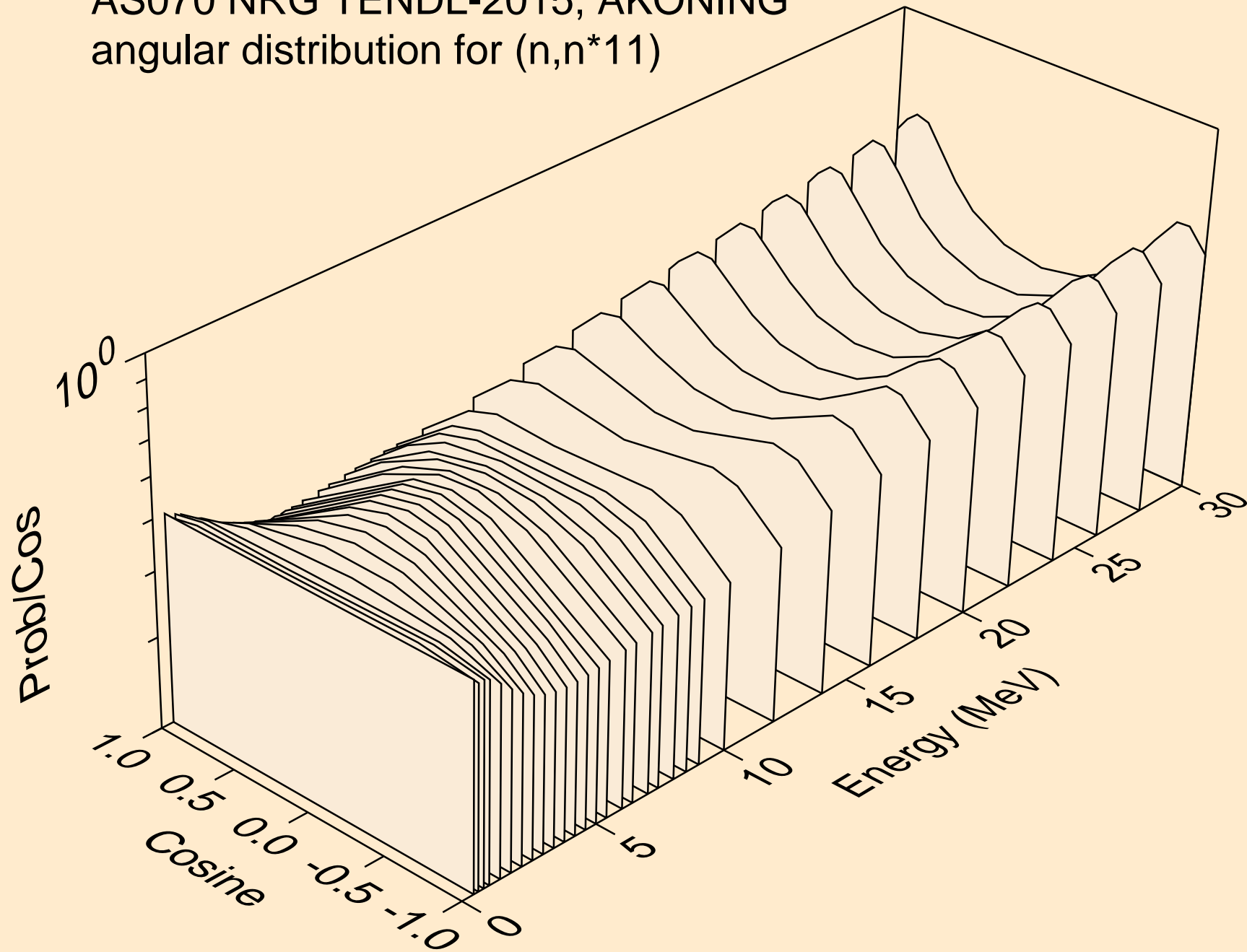
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



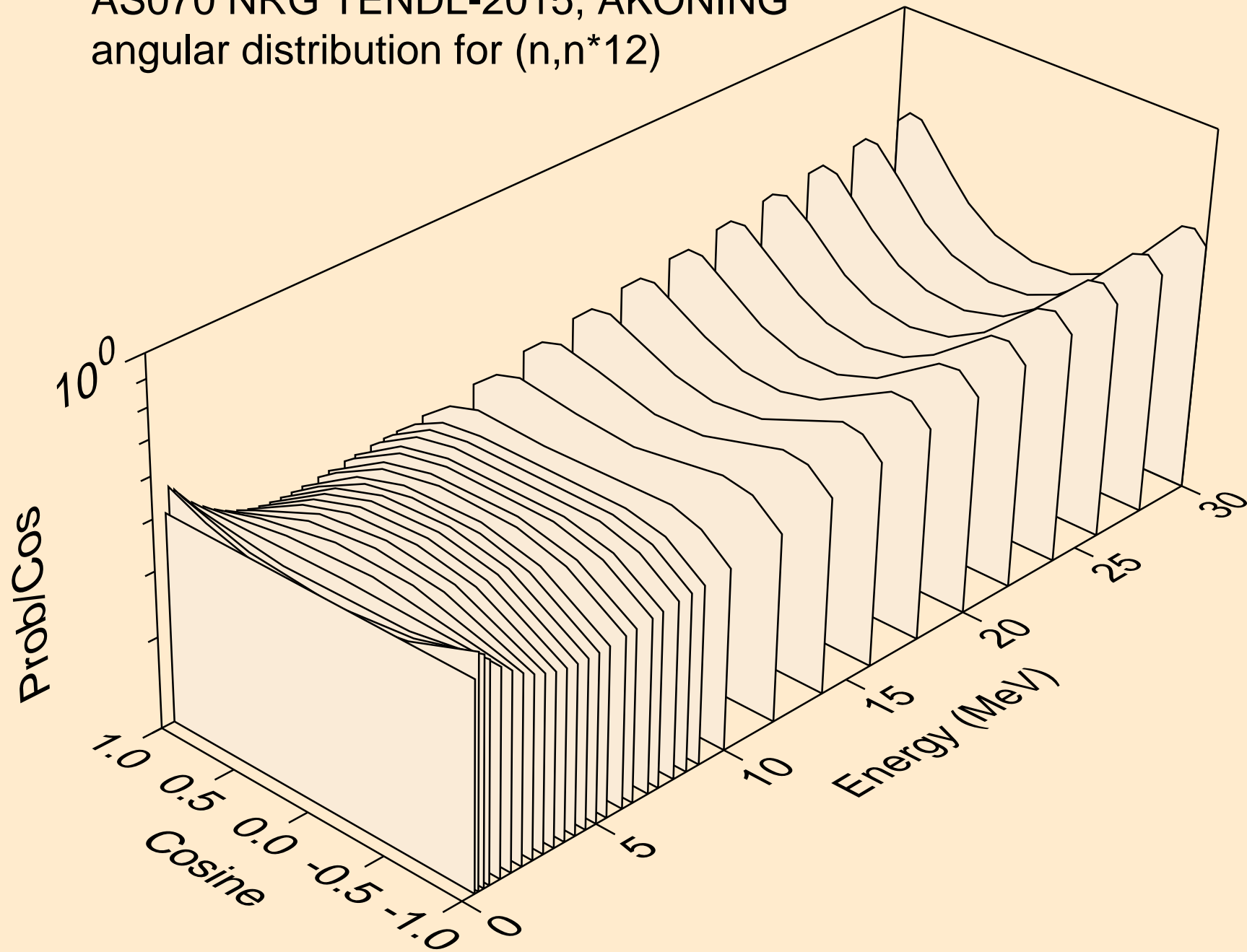
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



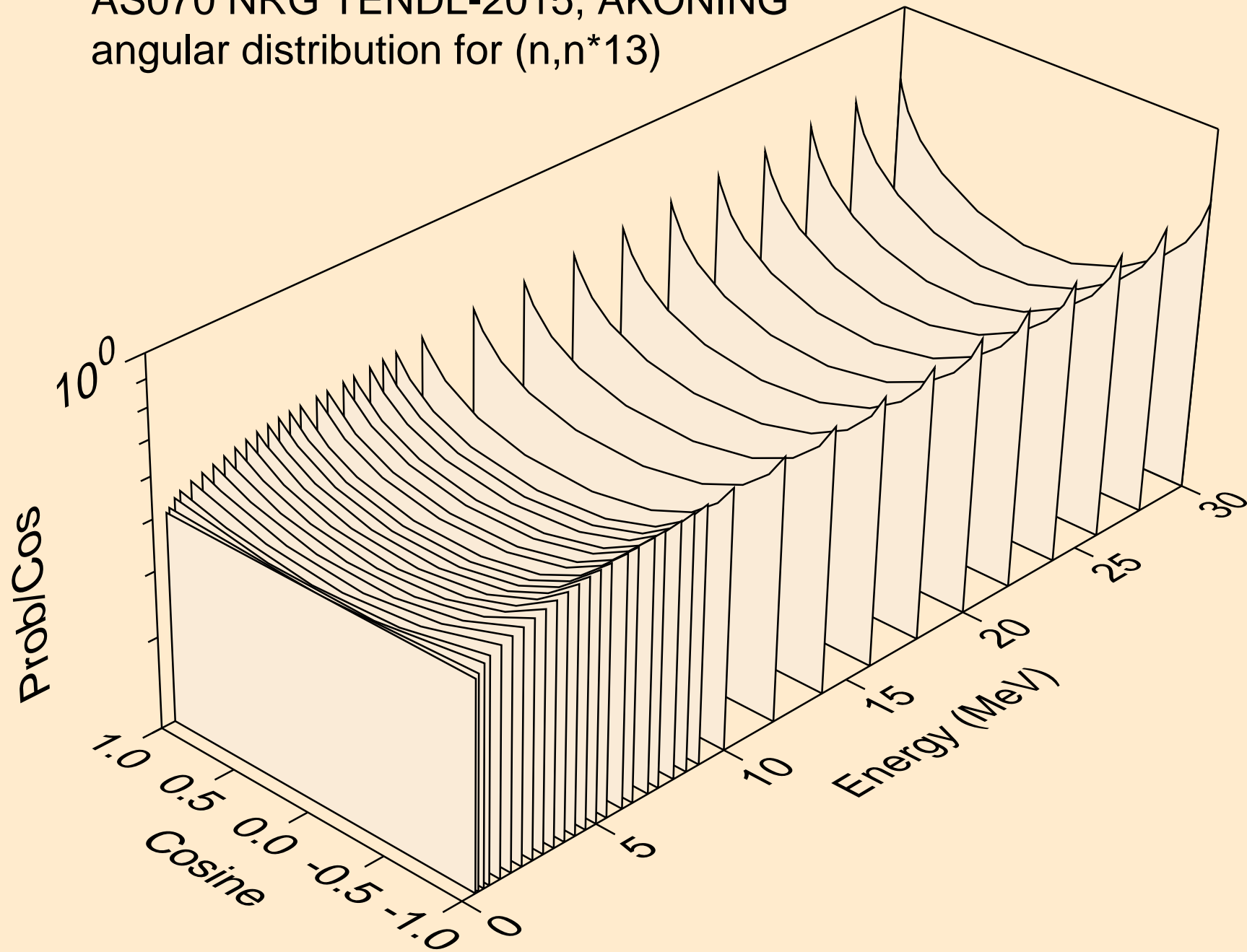
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angular distribution for (n,n\*11)



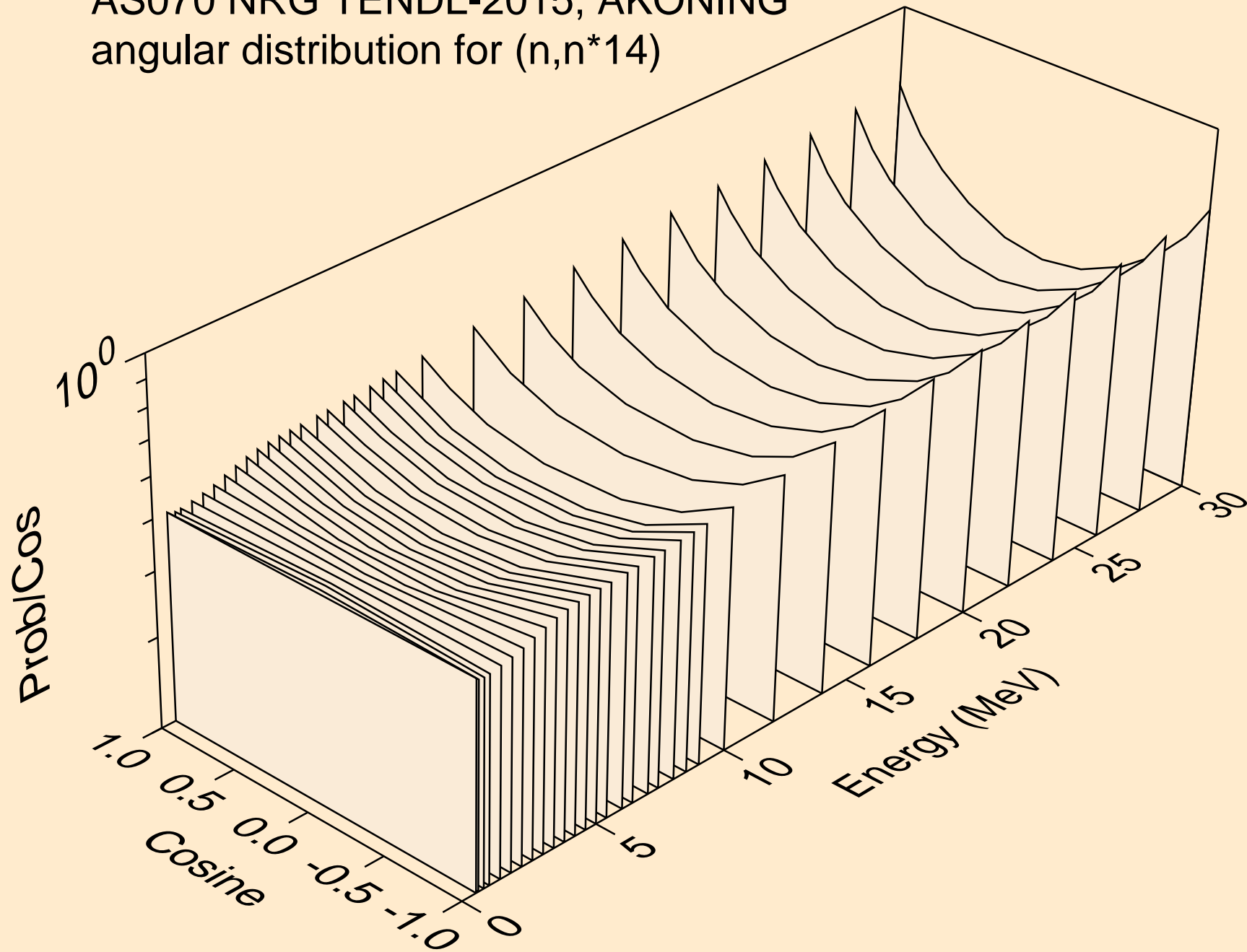
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

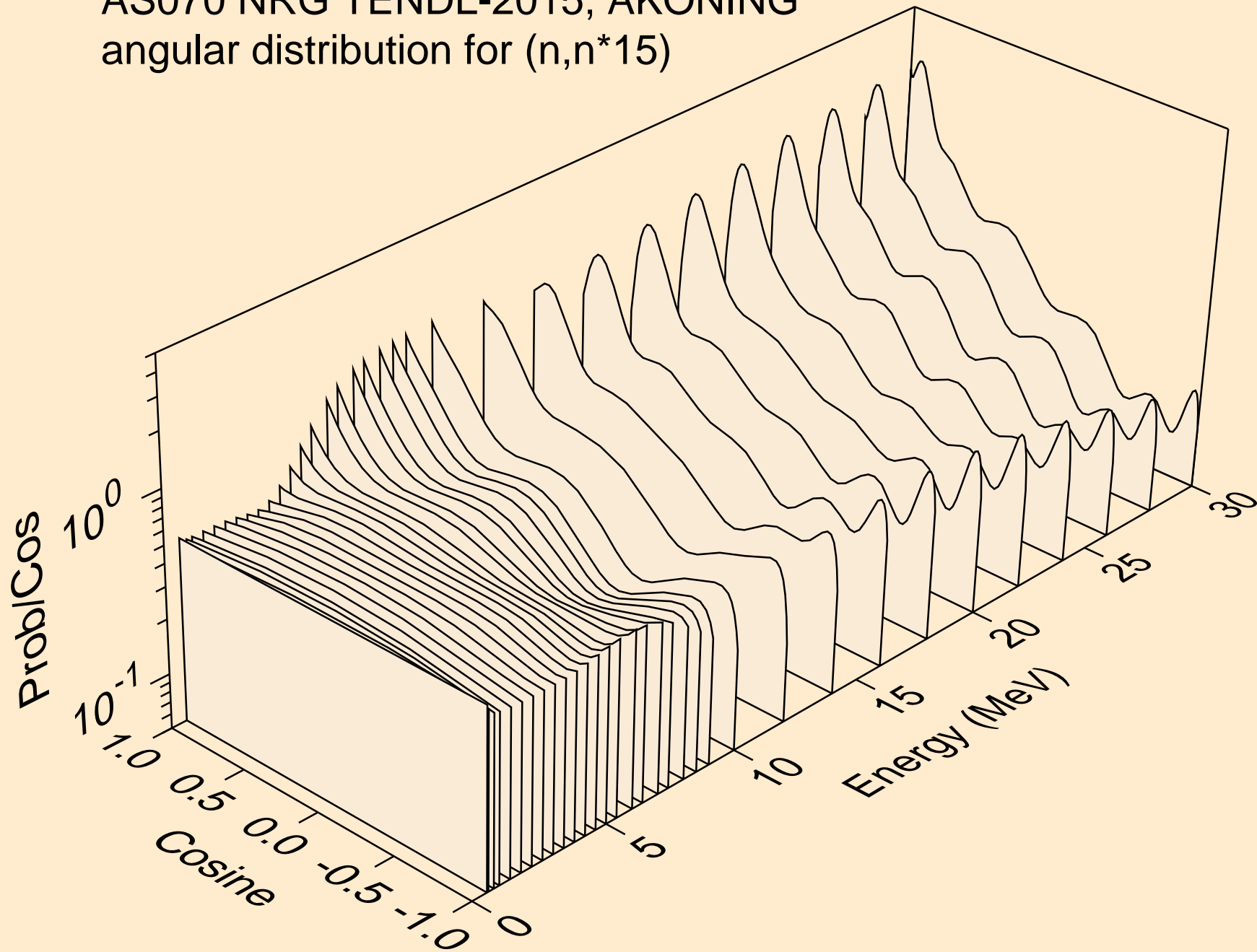


AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

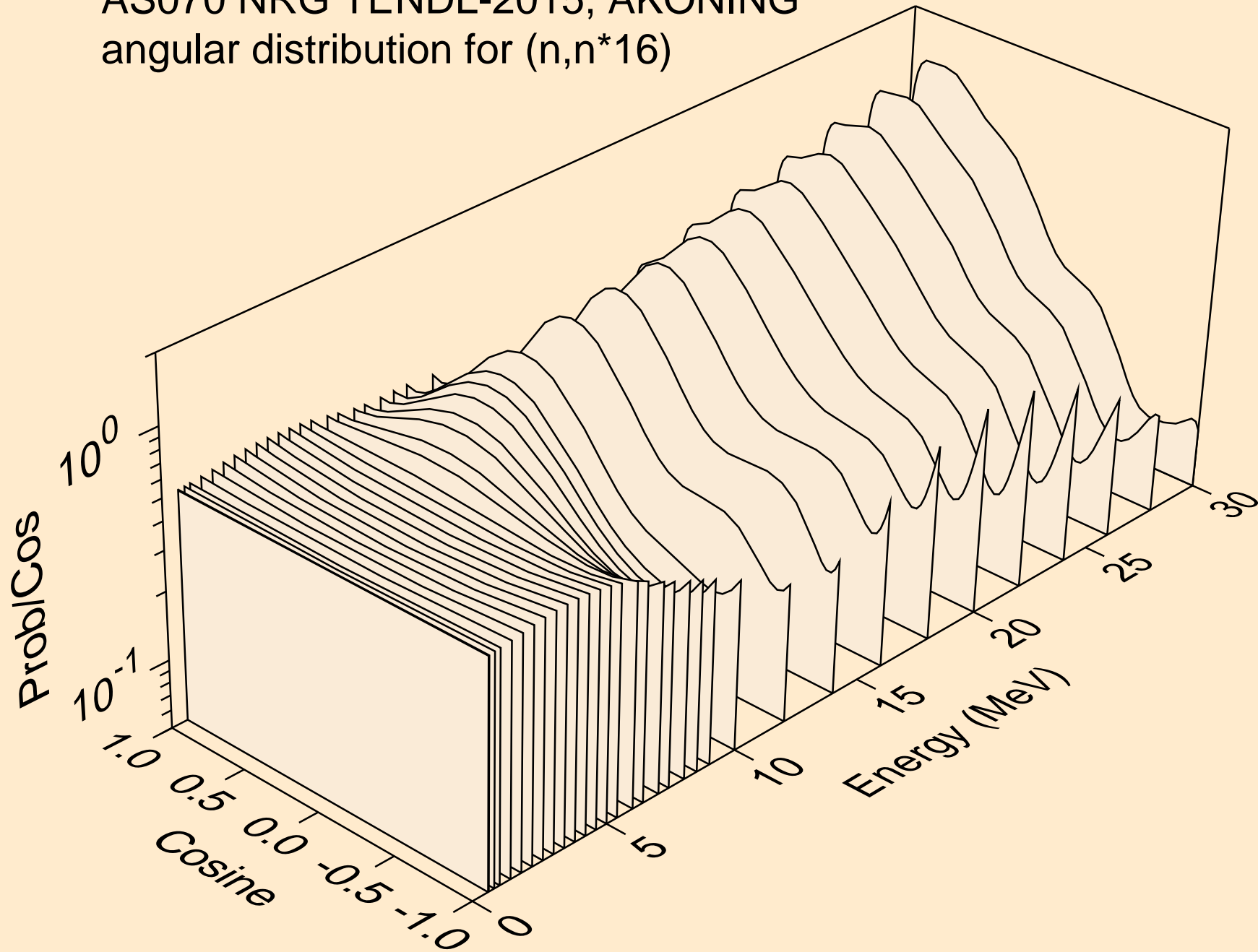




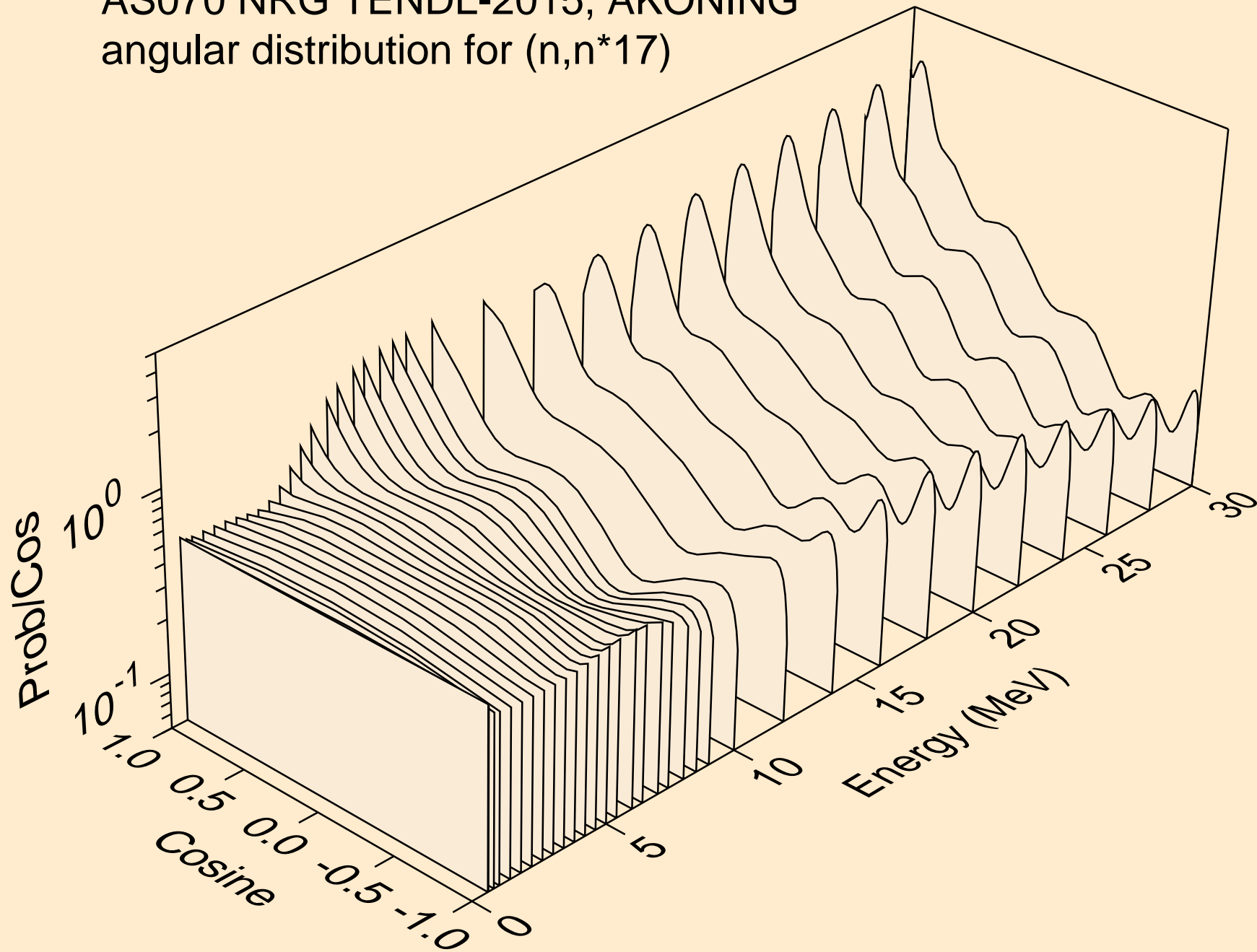
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angular distribution for (n,n\*15)



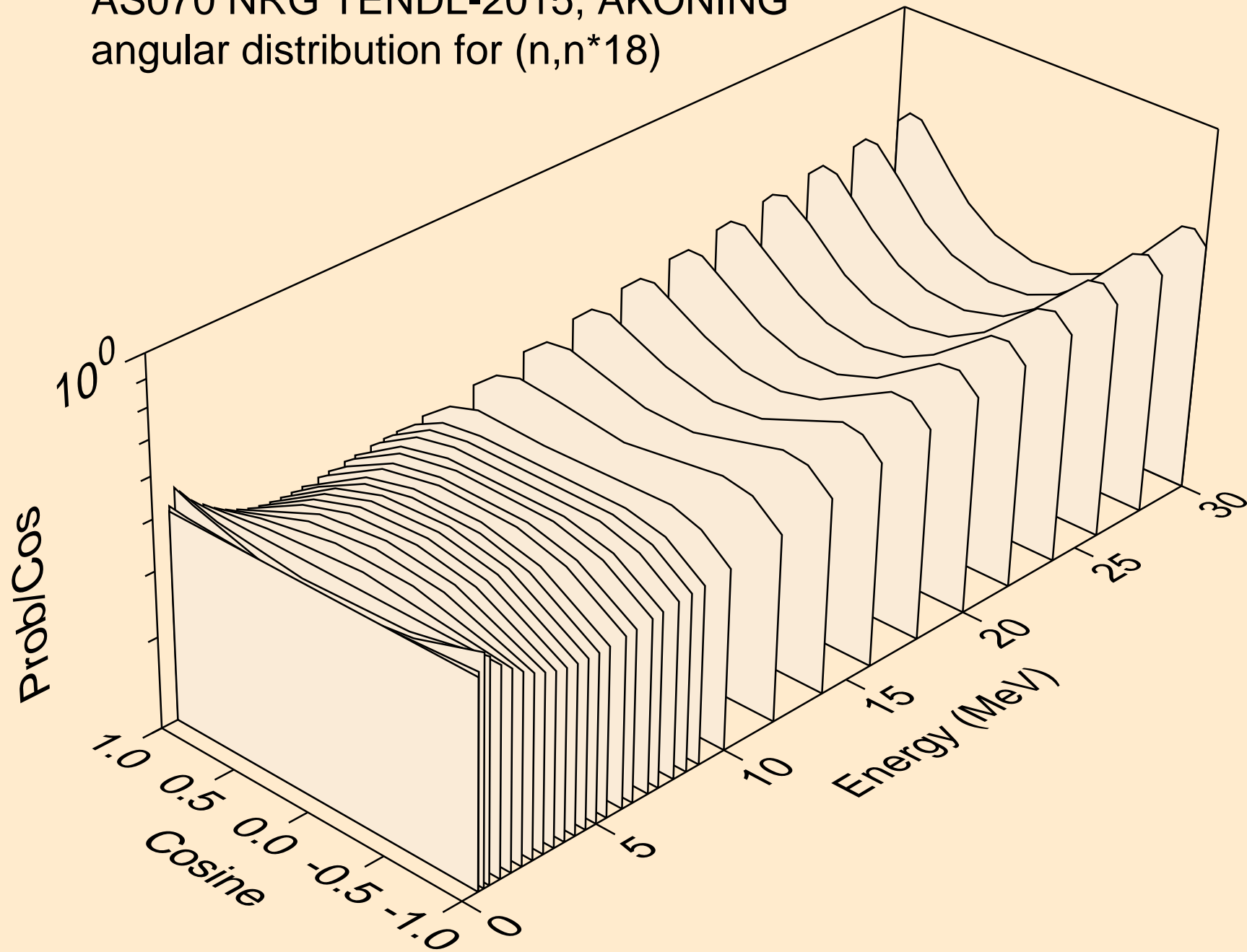
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angular distribution for (n,n\*16)



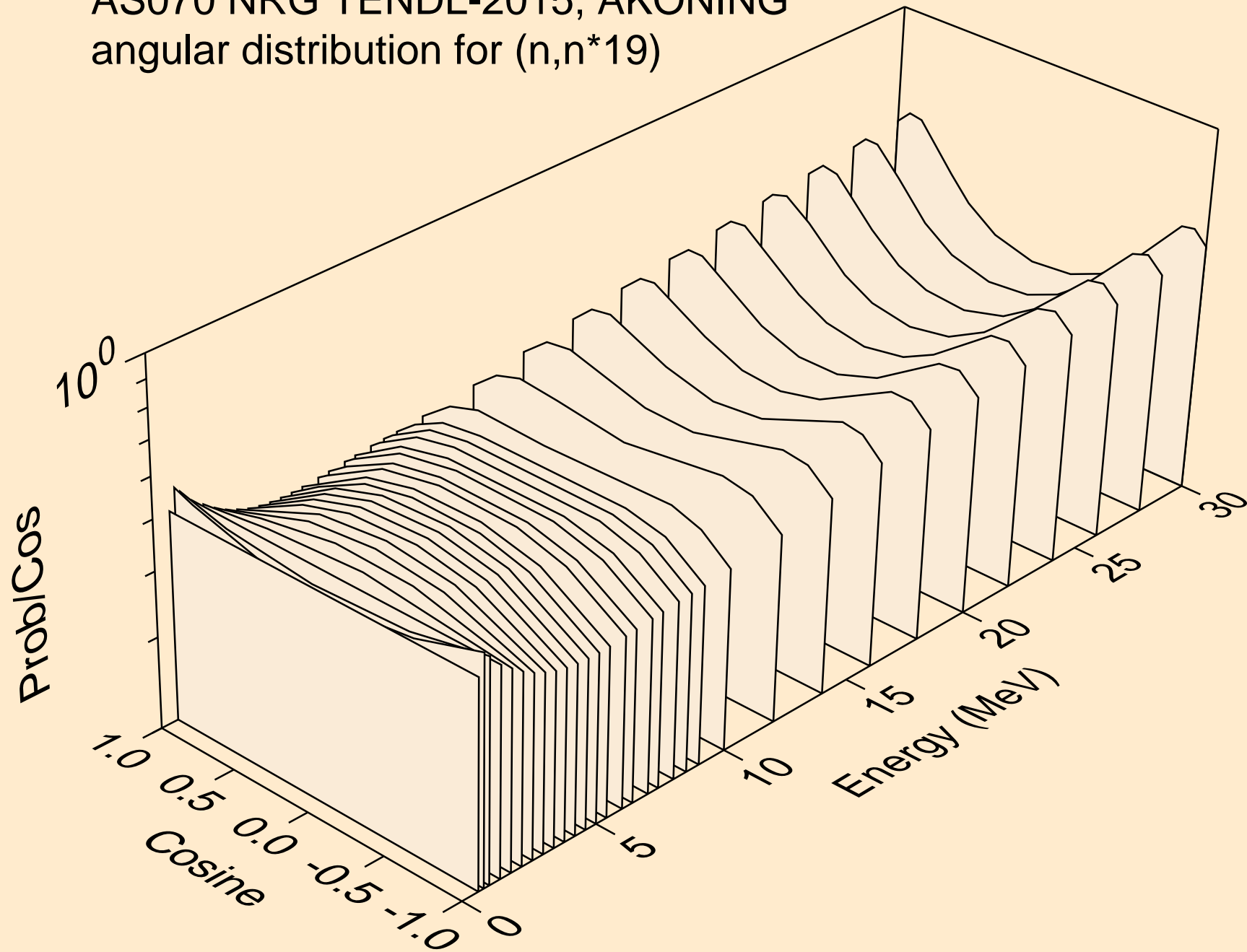
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angular distribution for (n,n\*17)



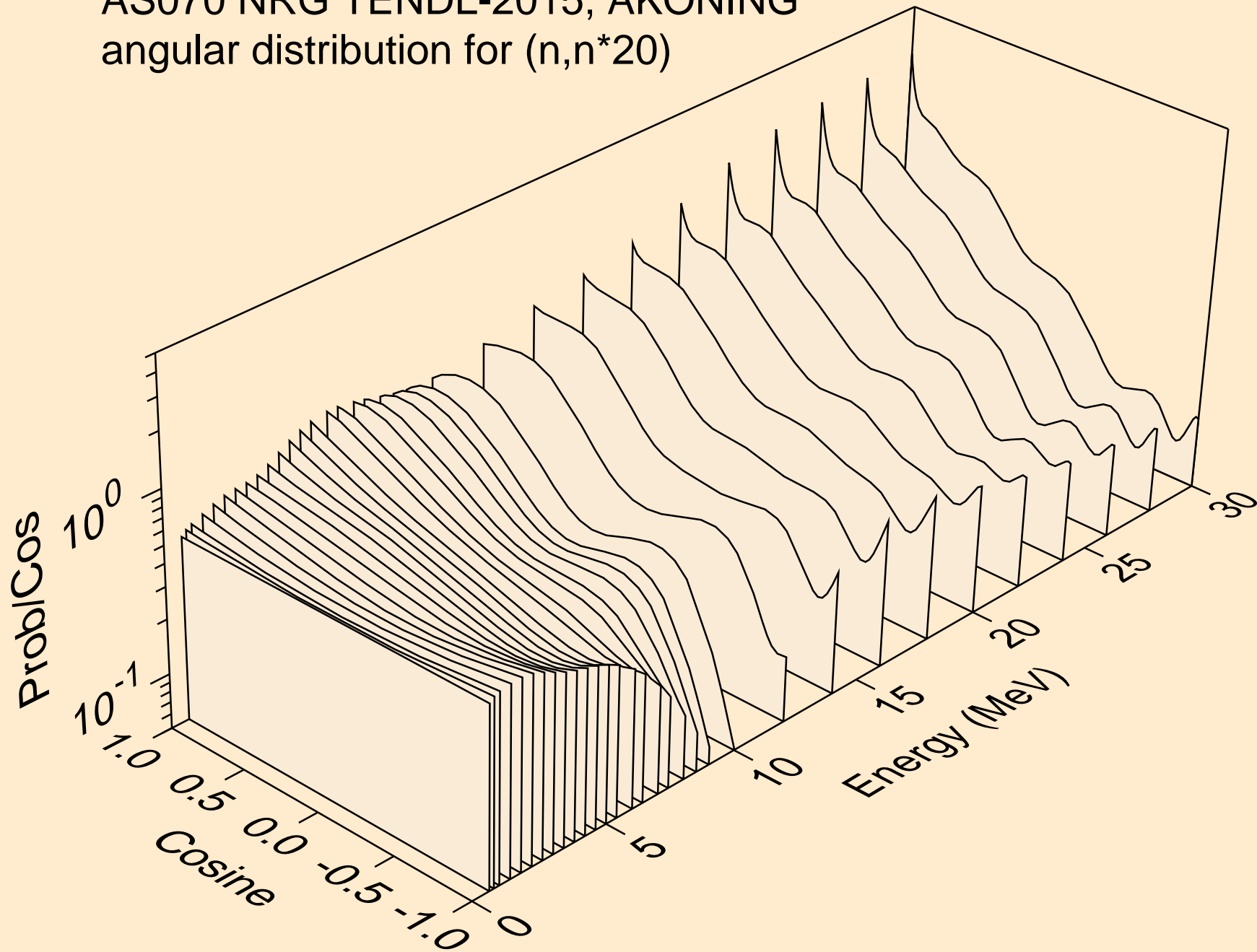
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angular distribution for (n,n\*18)



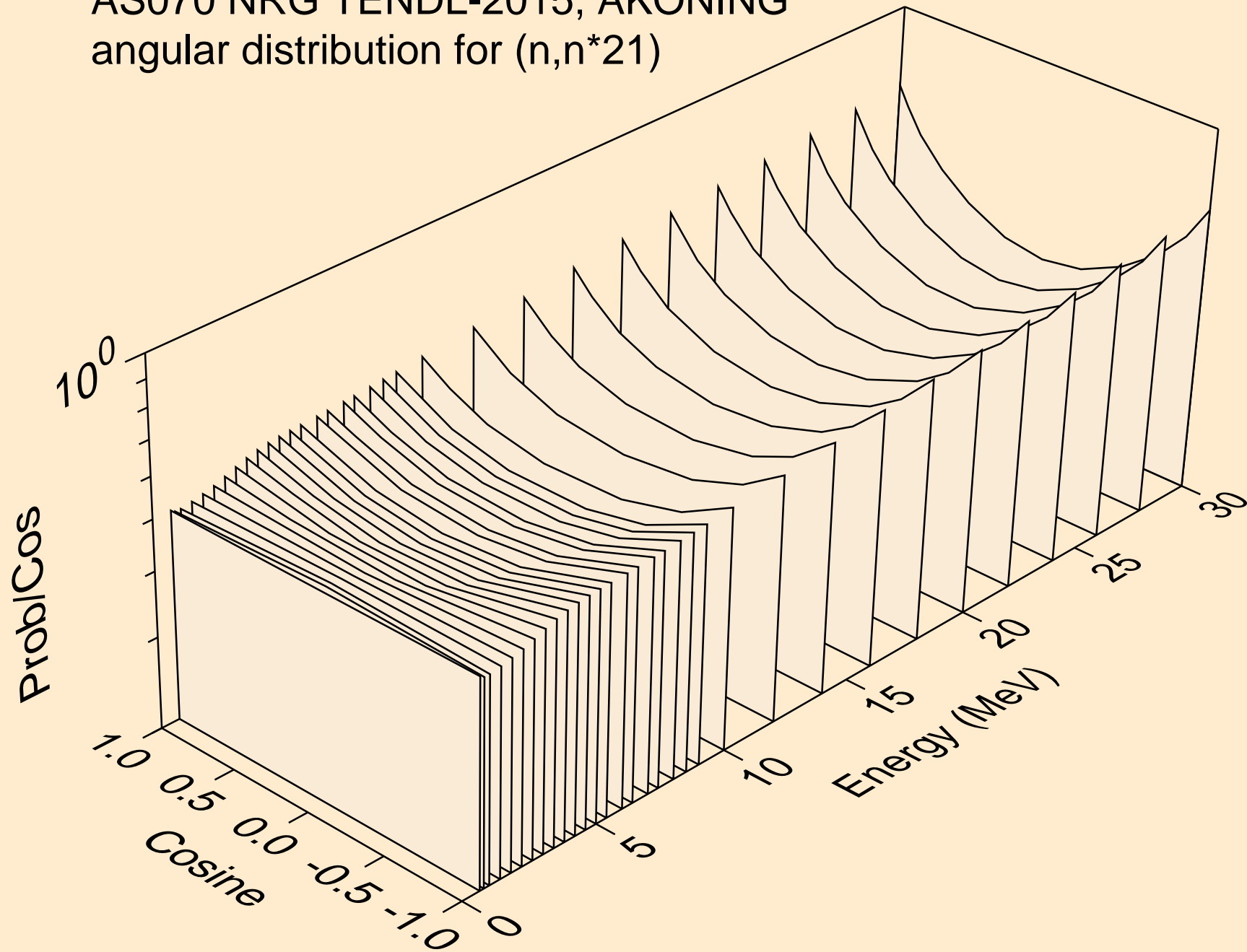
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



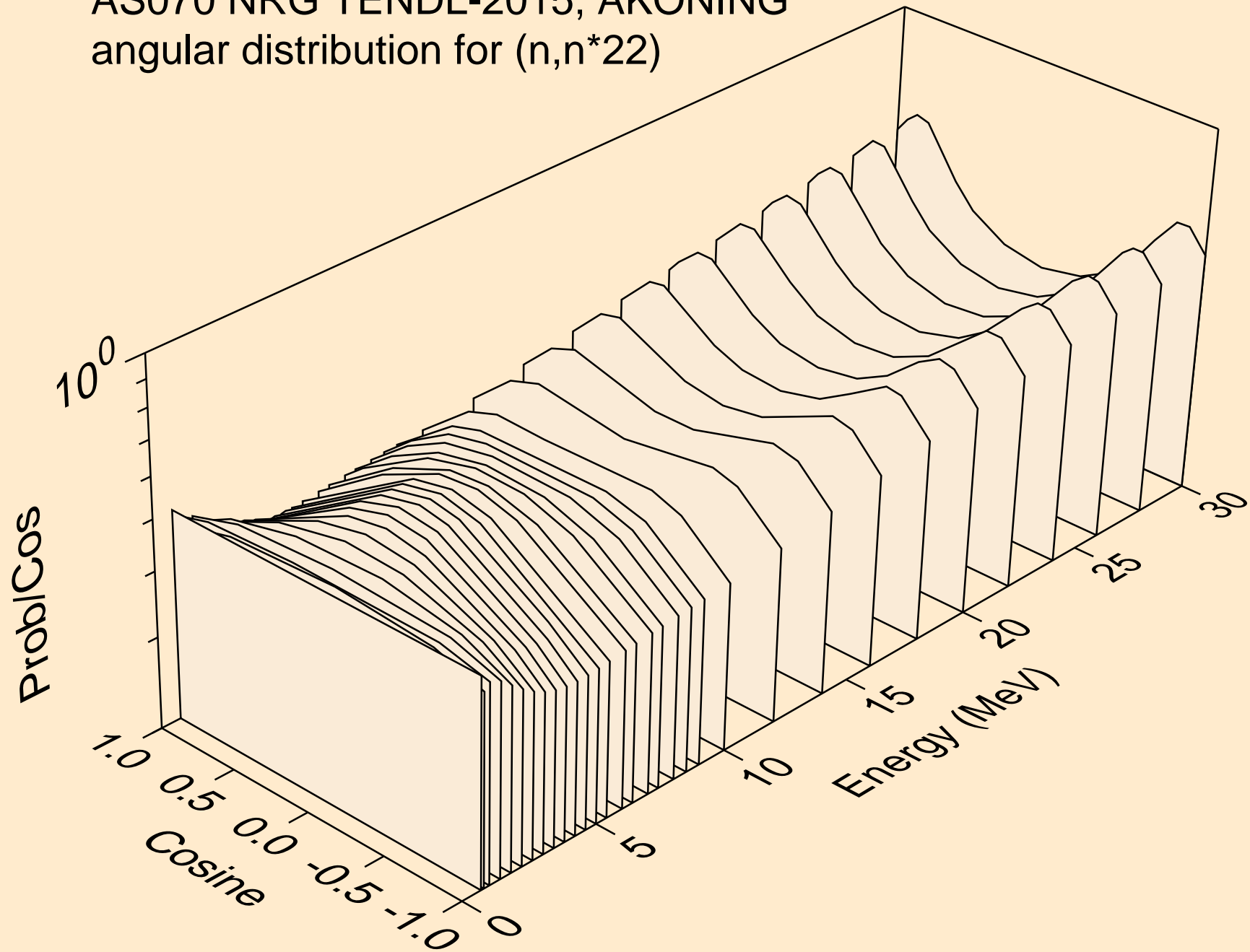
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

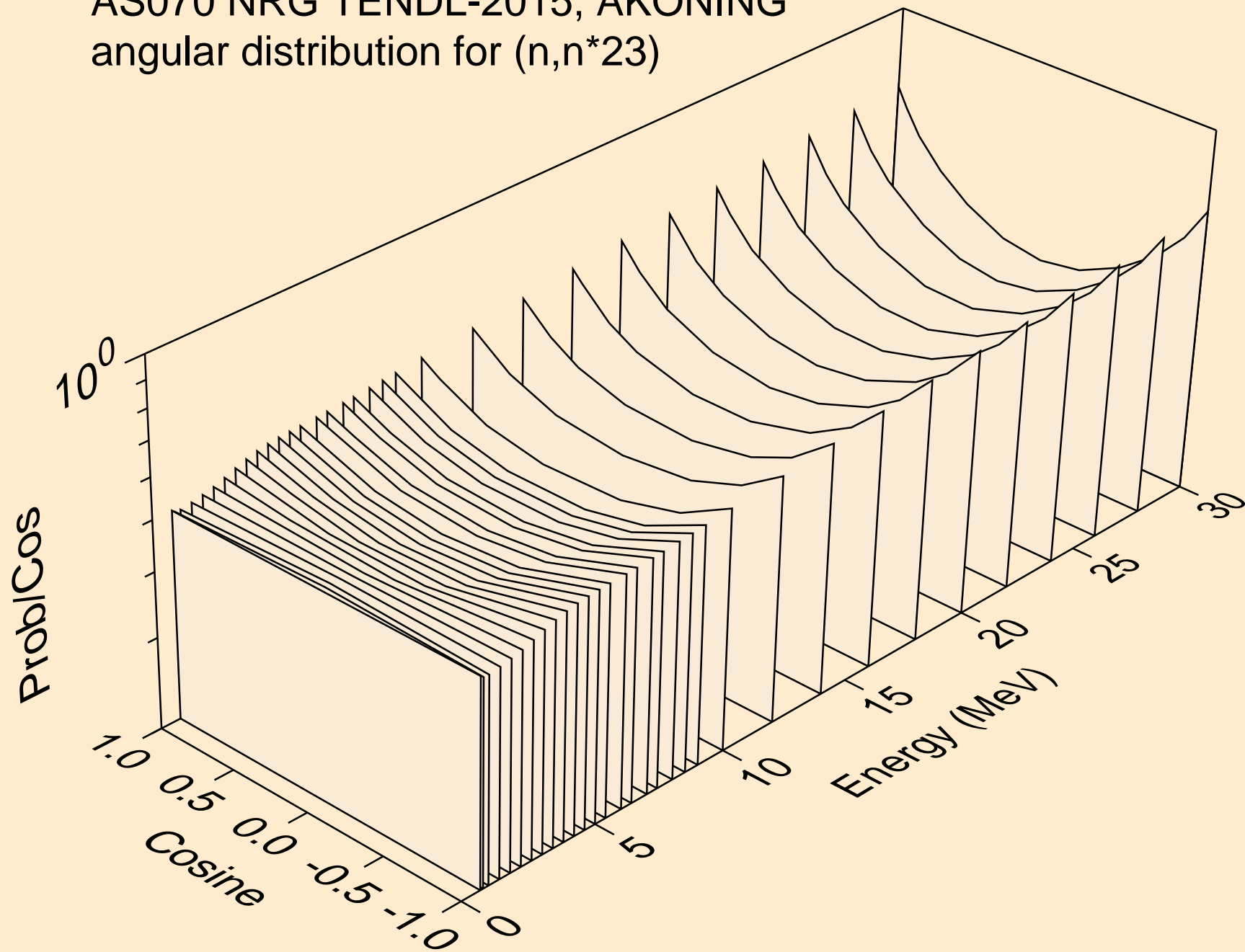


AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

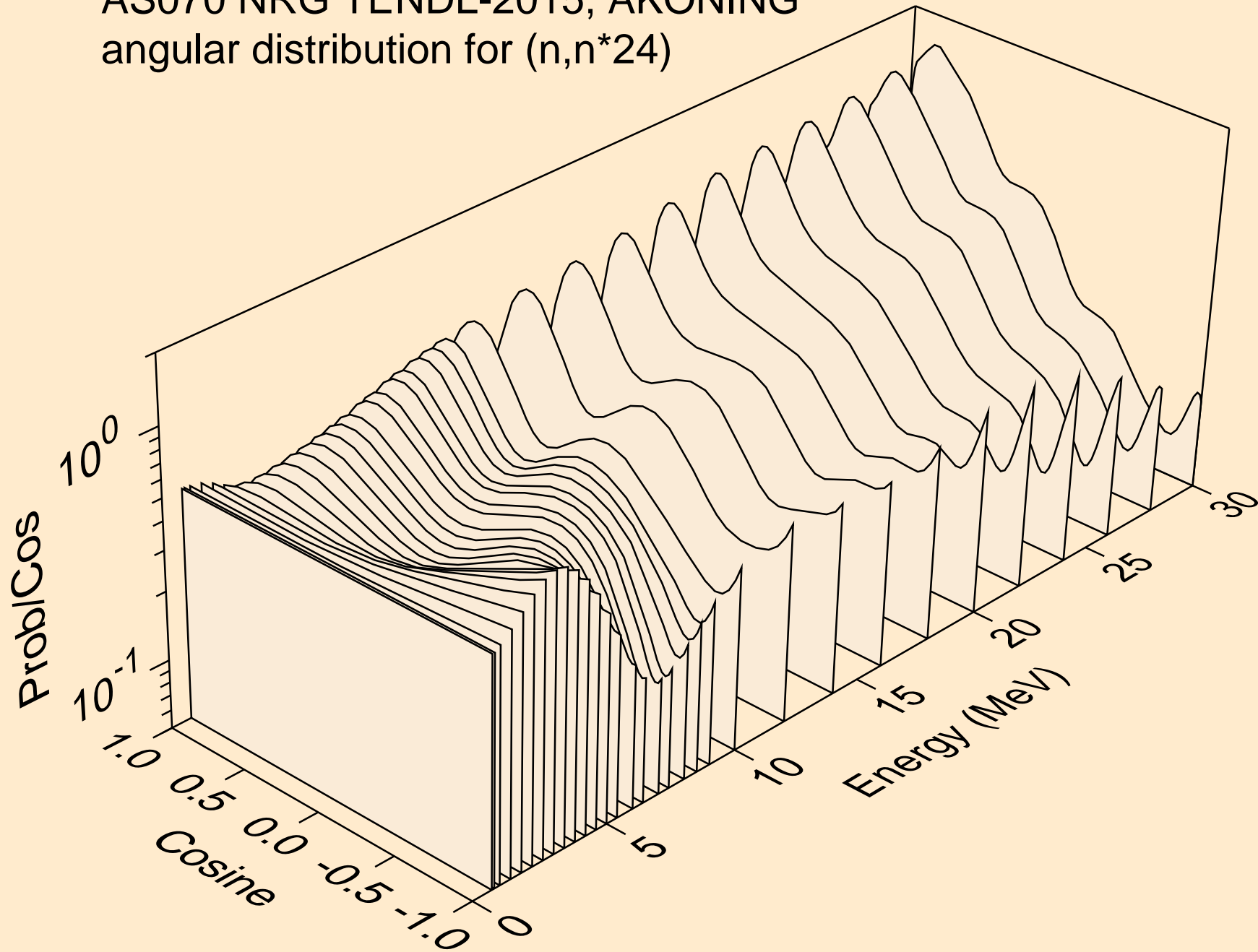




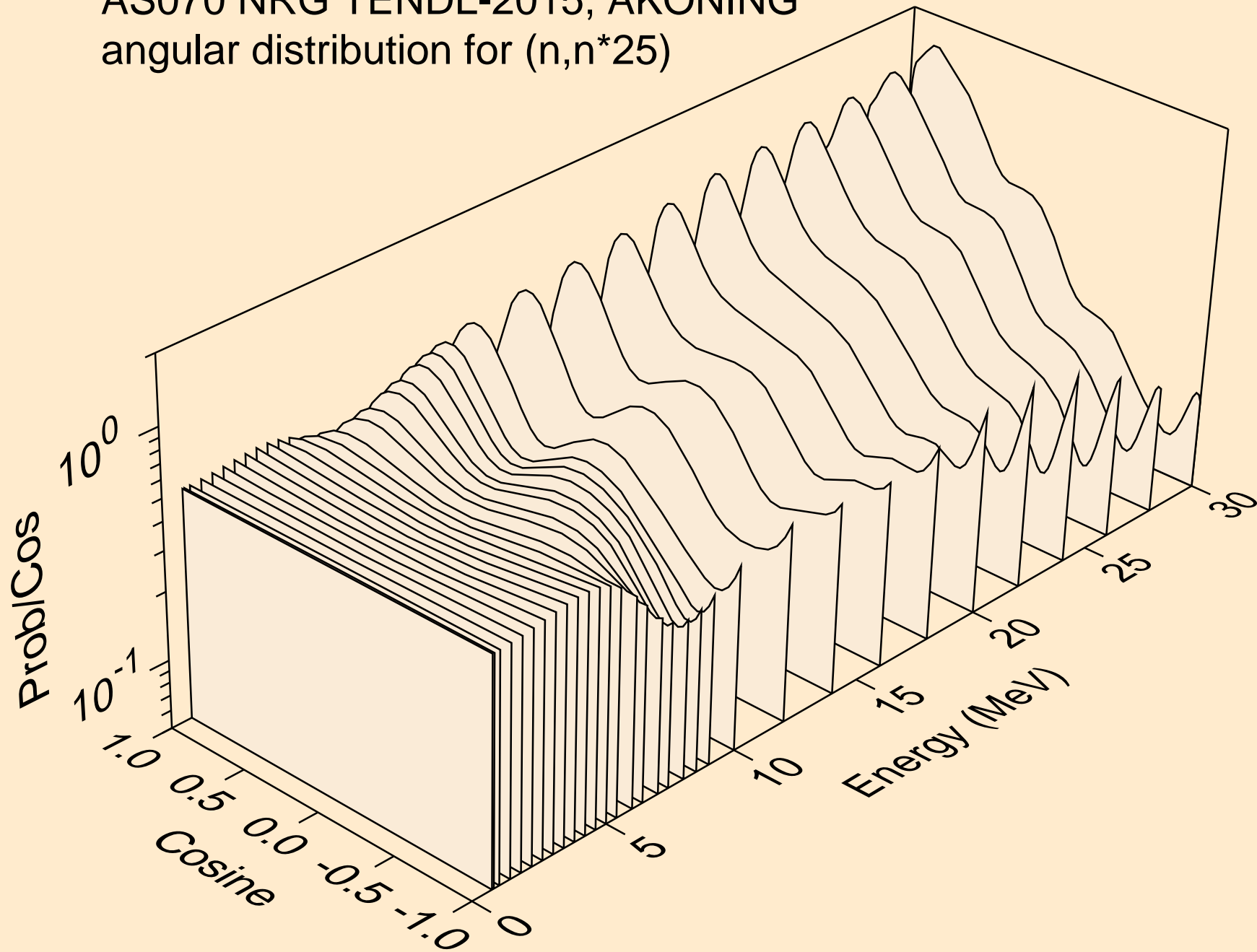
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angular distribution for (n,n\*23)



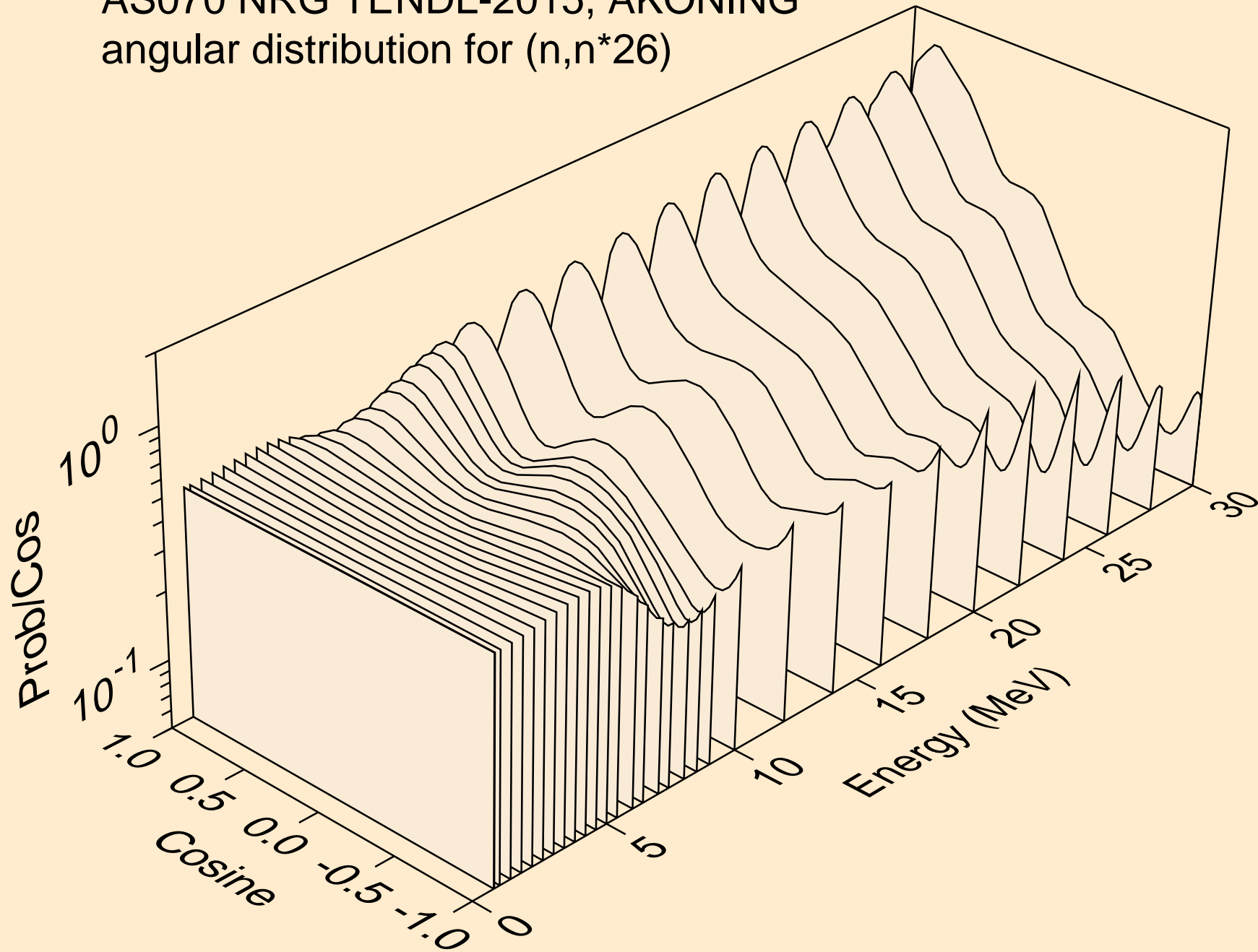
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angular distribution for (n,n\*24)



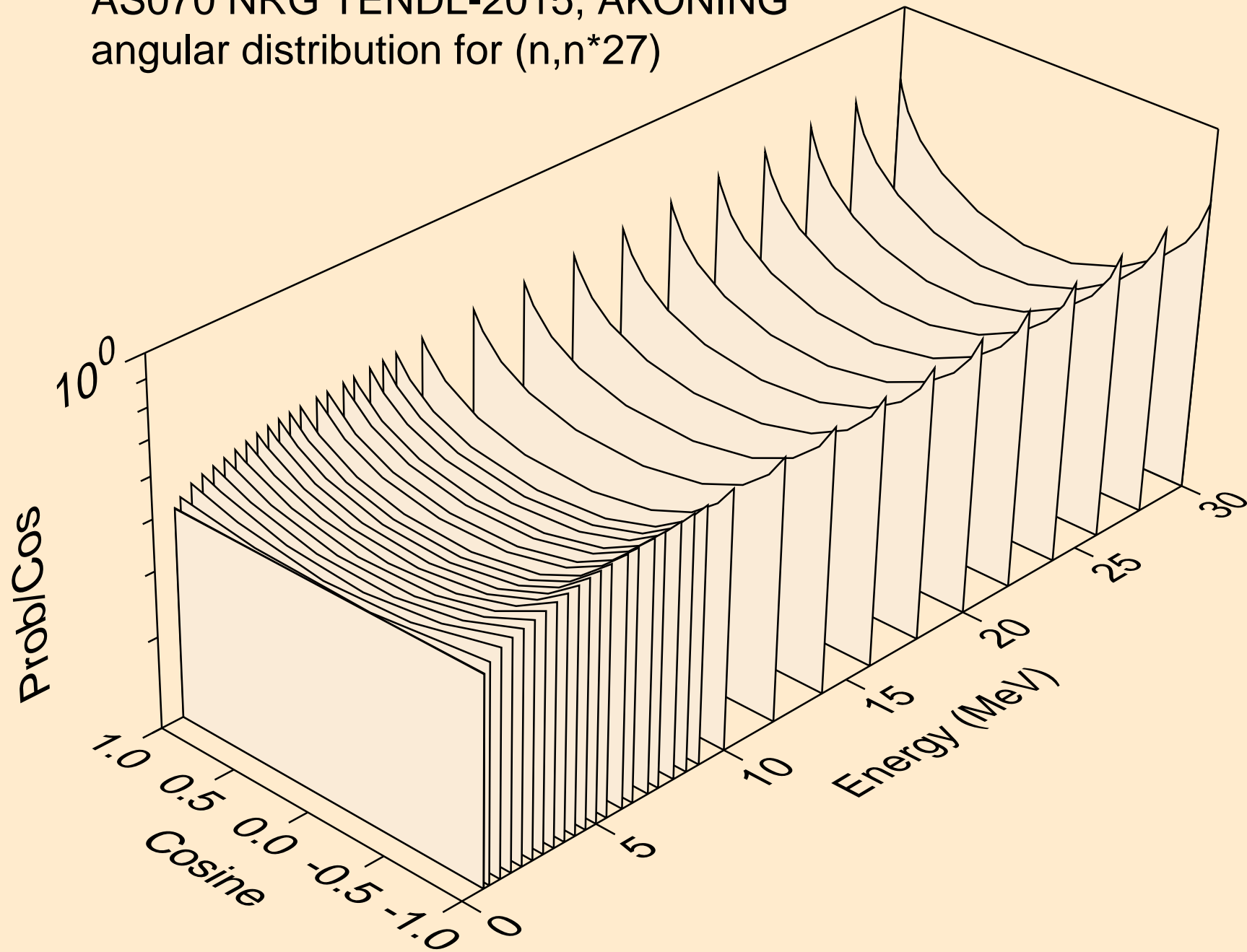
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angular distribution for (n,n\*25)



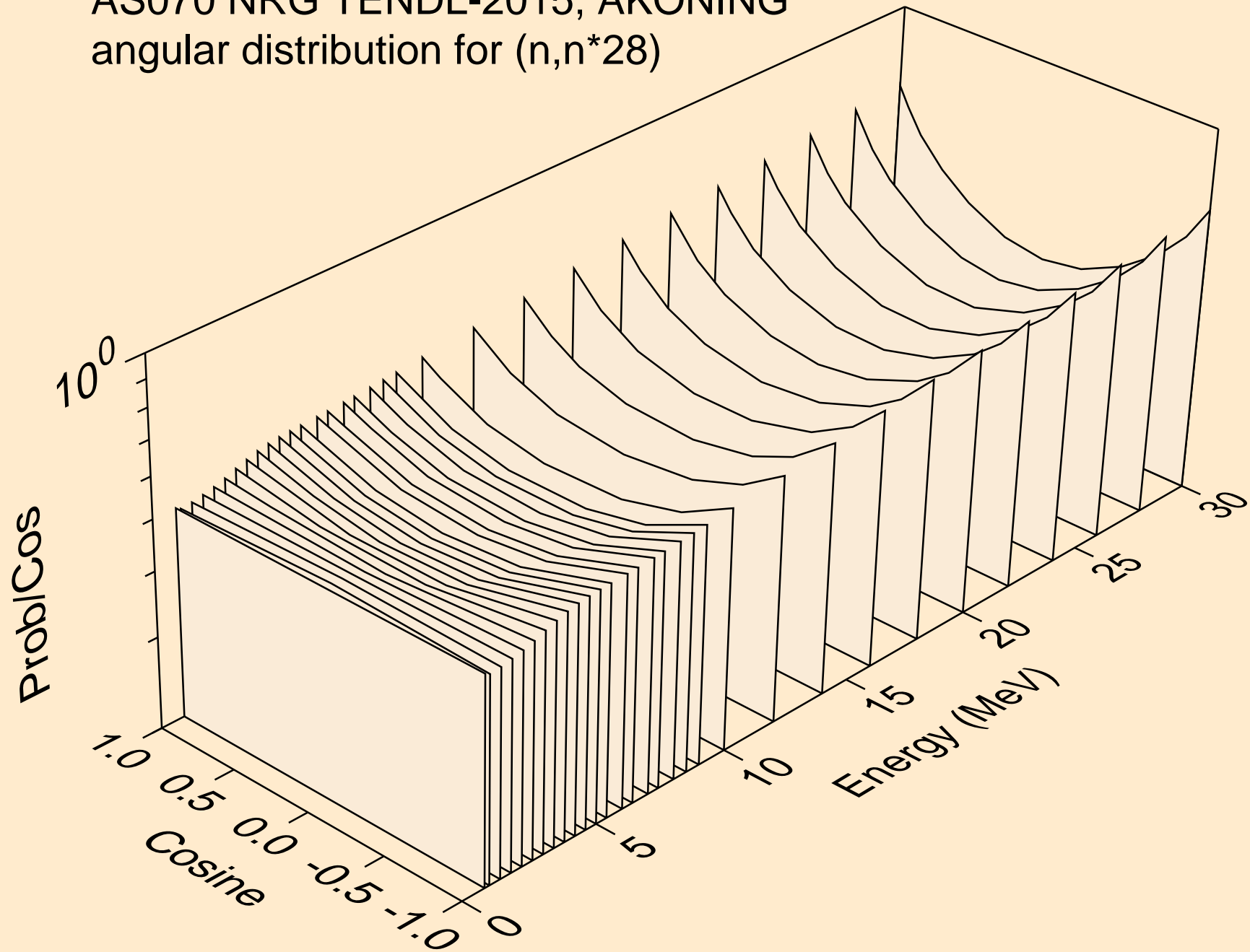
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angular distribution for (n,n\*26)



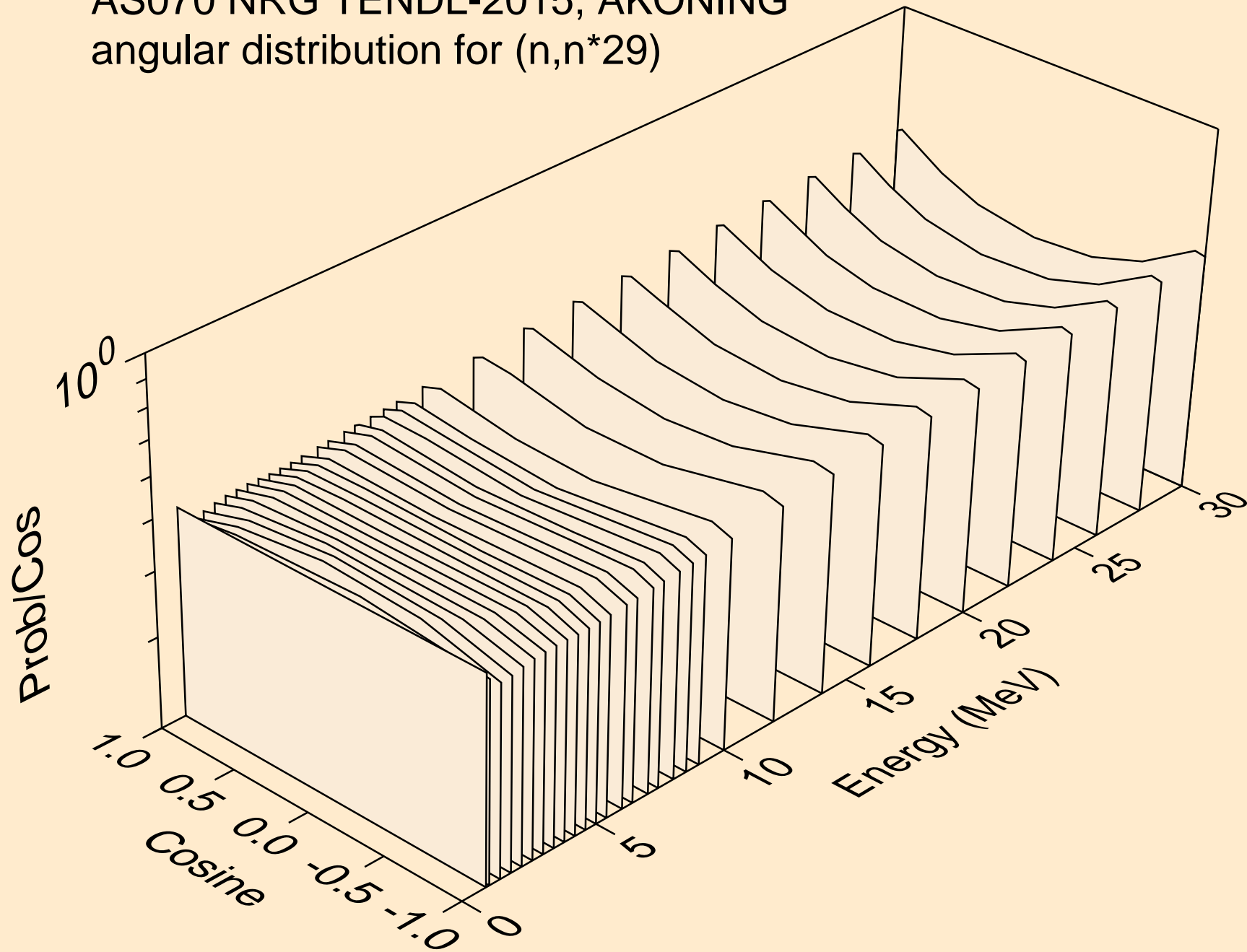
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angular distribution for (n,n\*27)



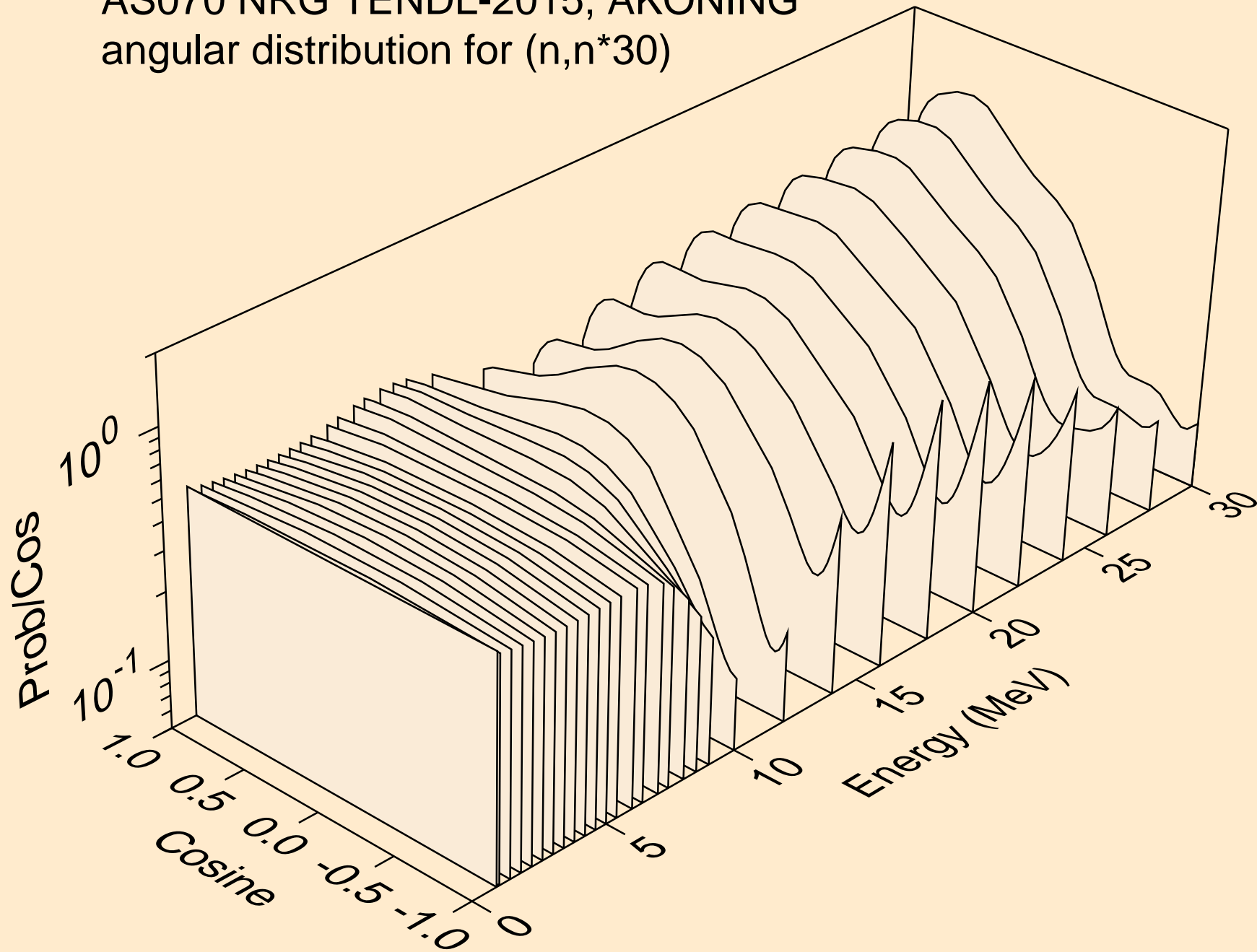
AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

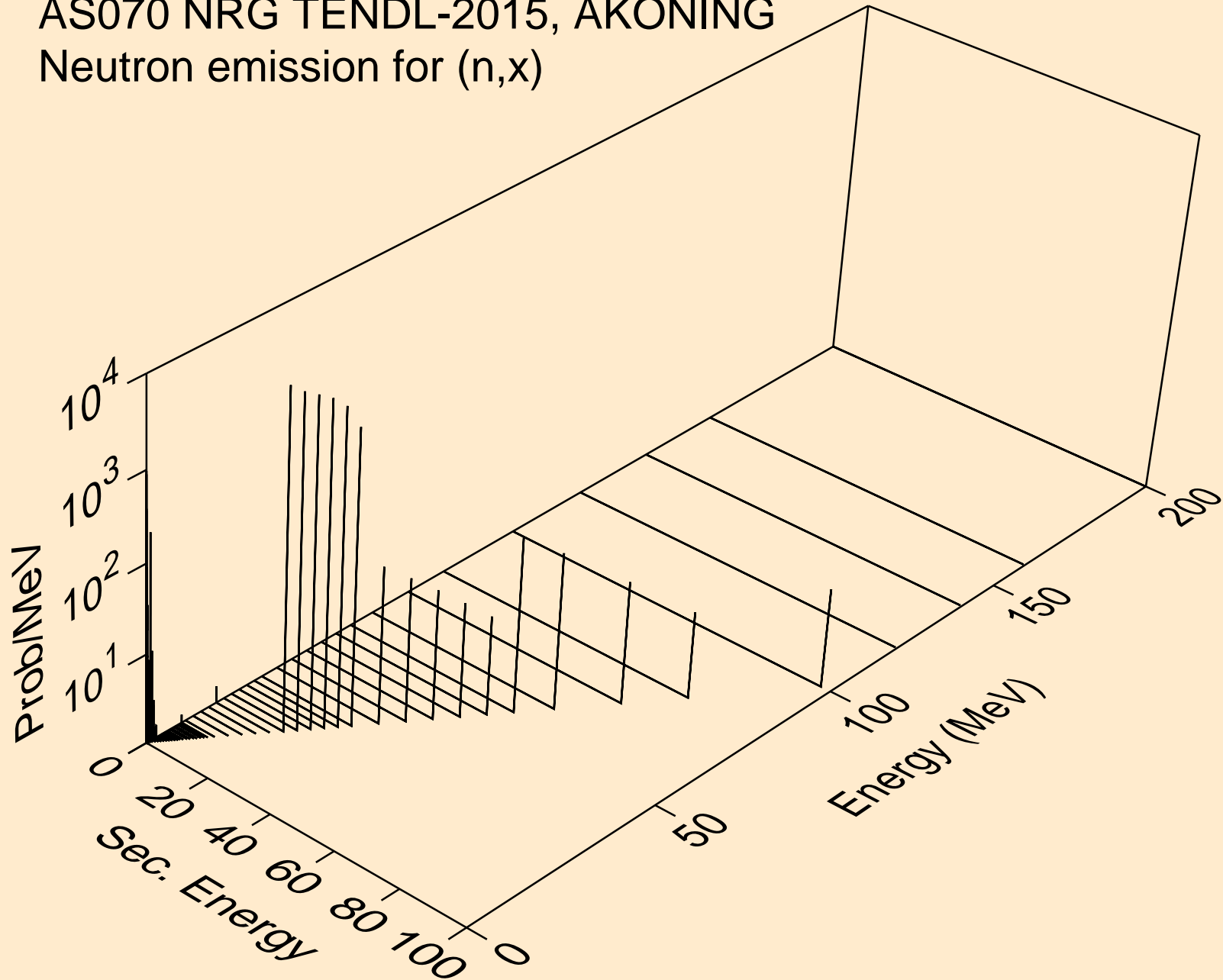


AS070 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

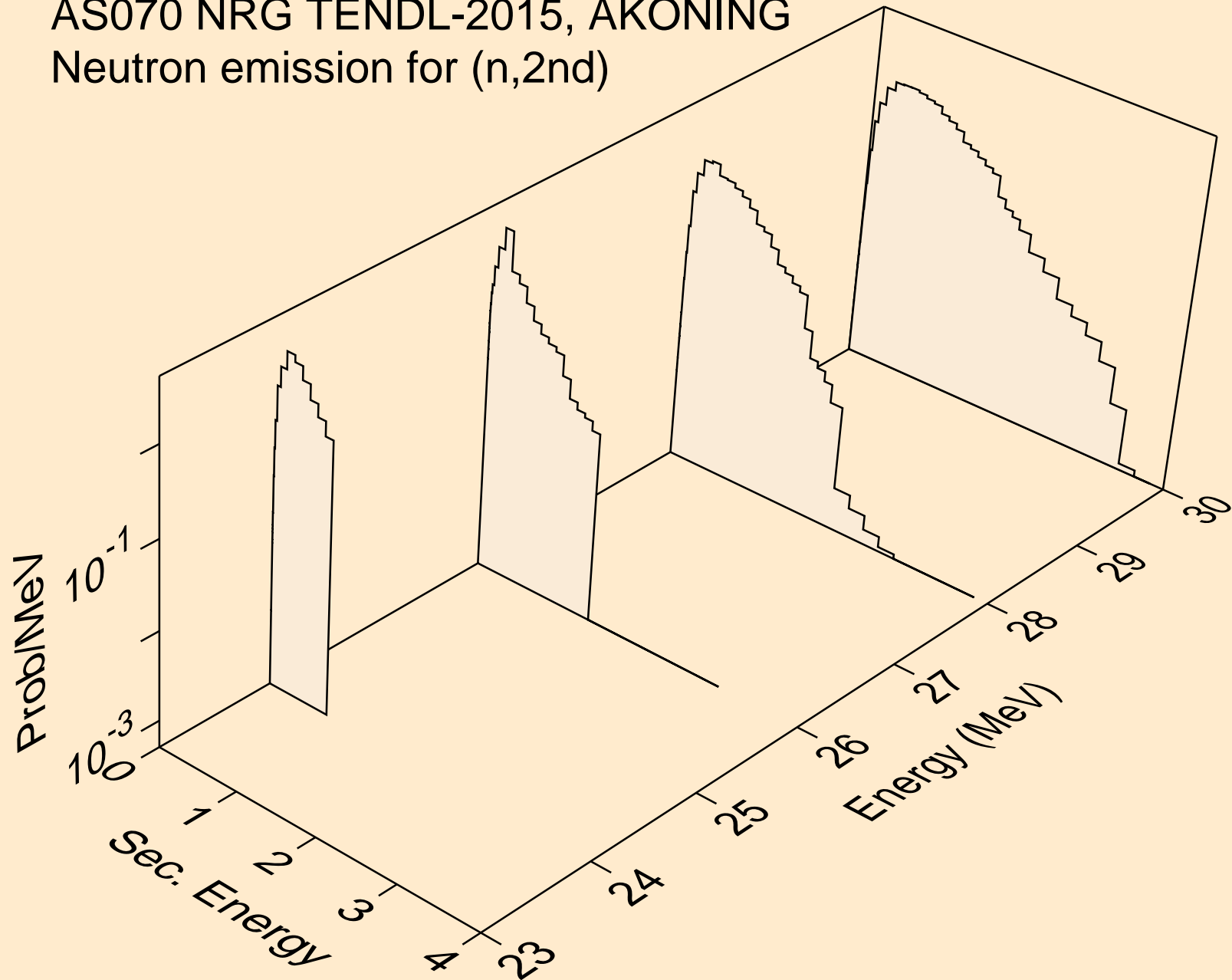




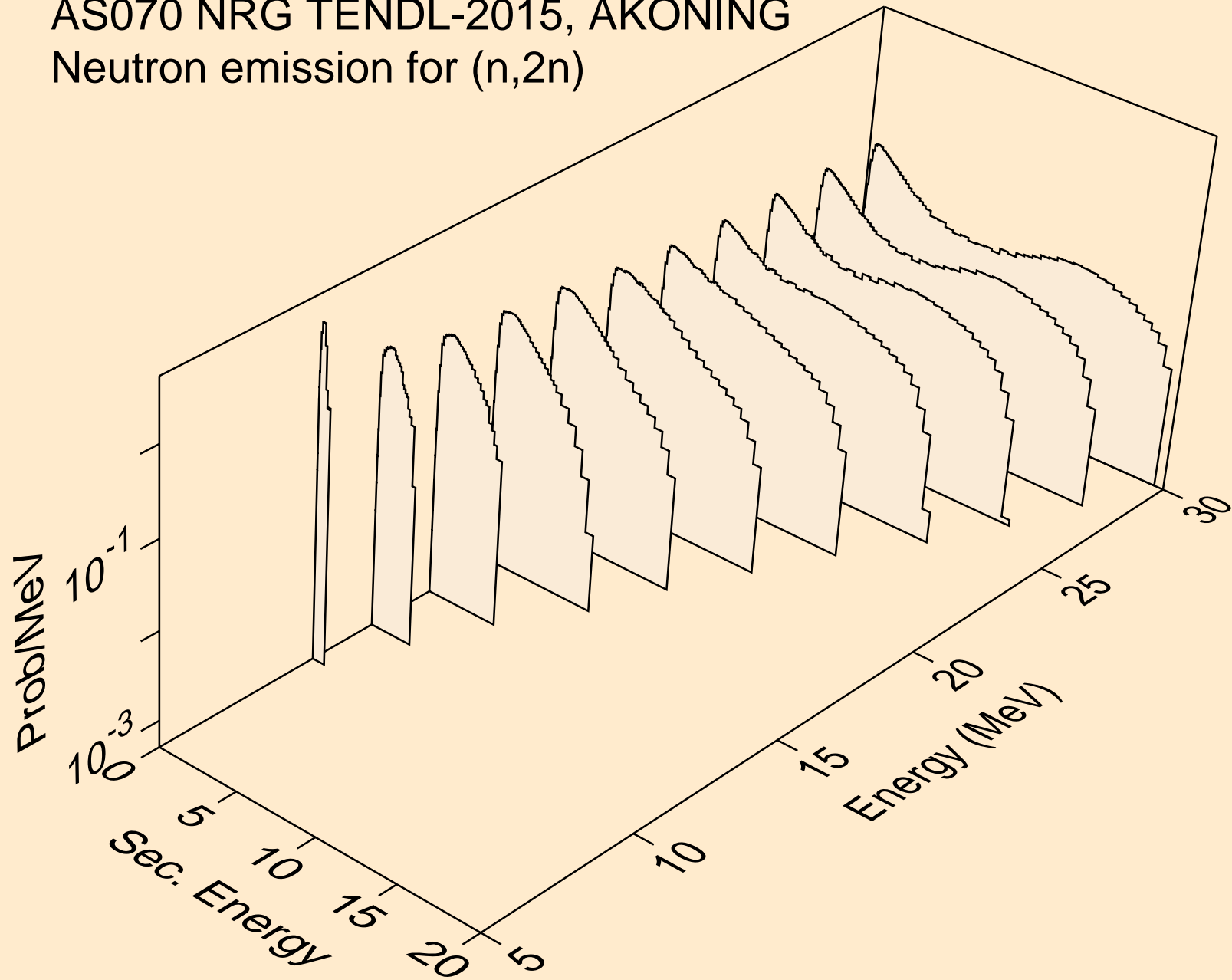
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



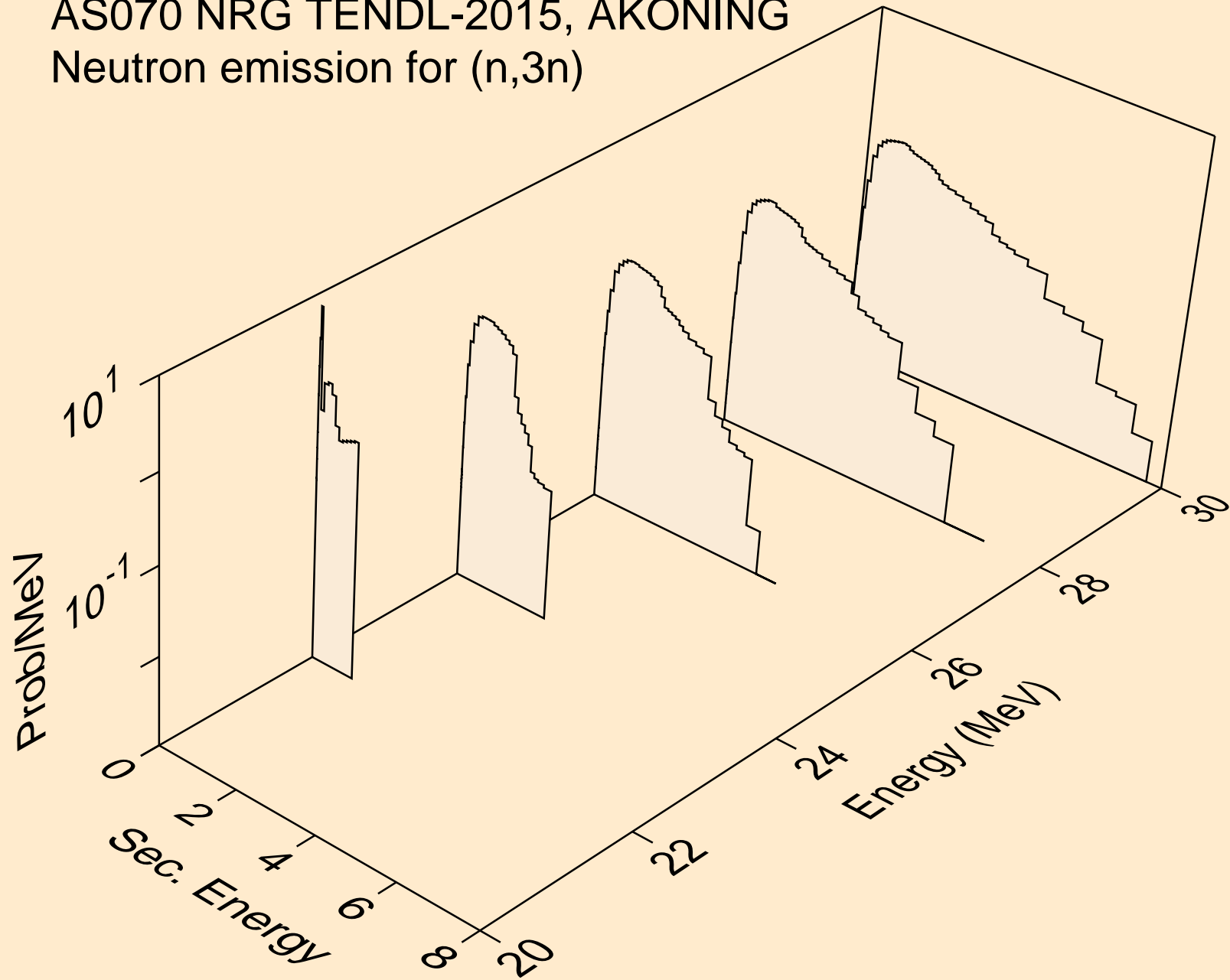
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



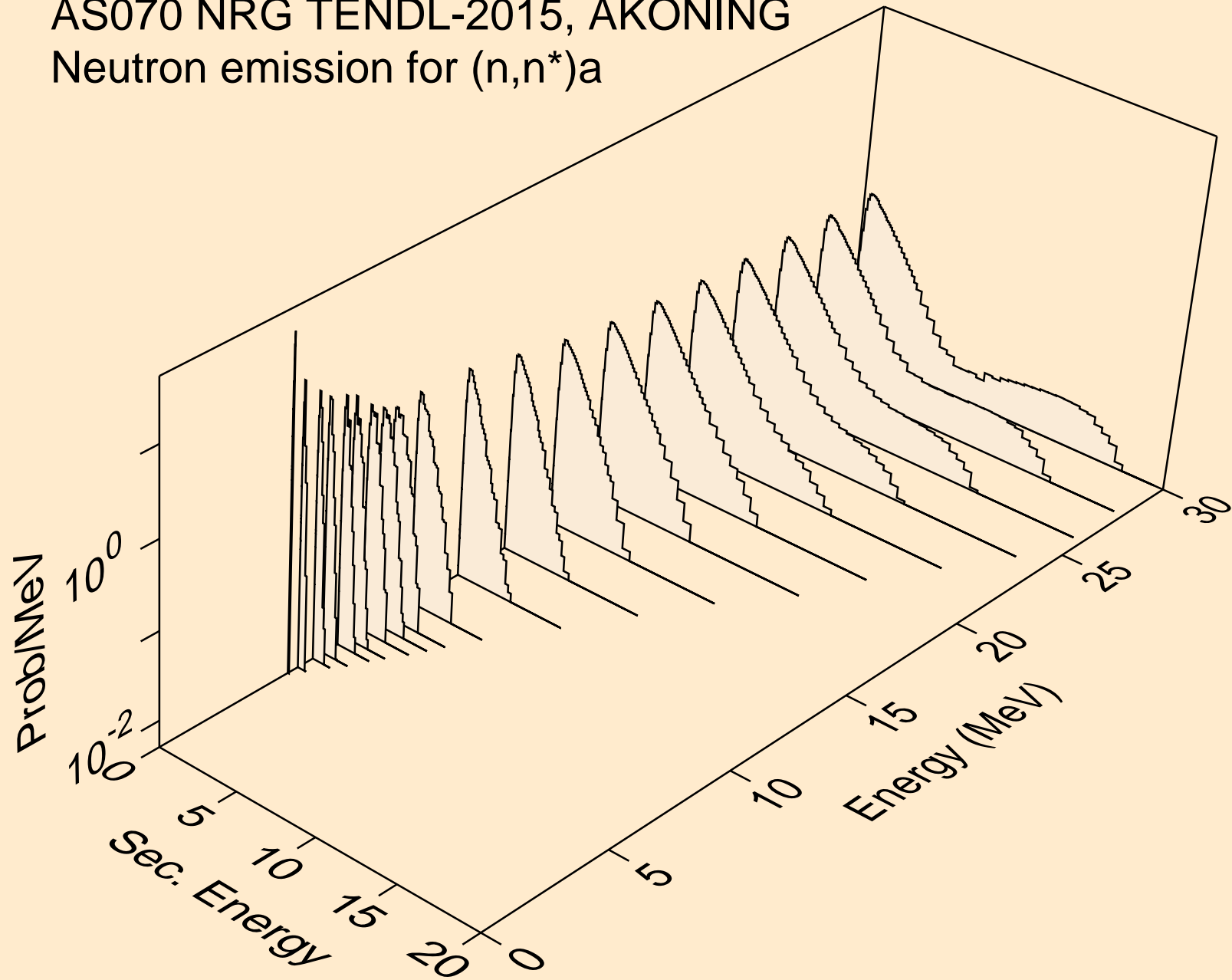
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



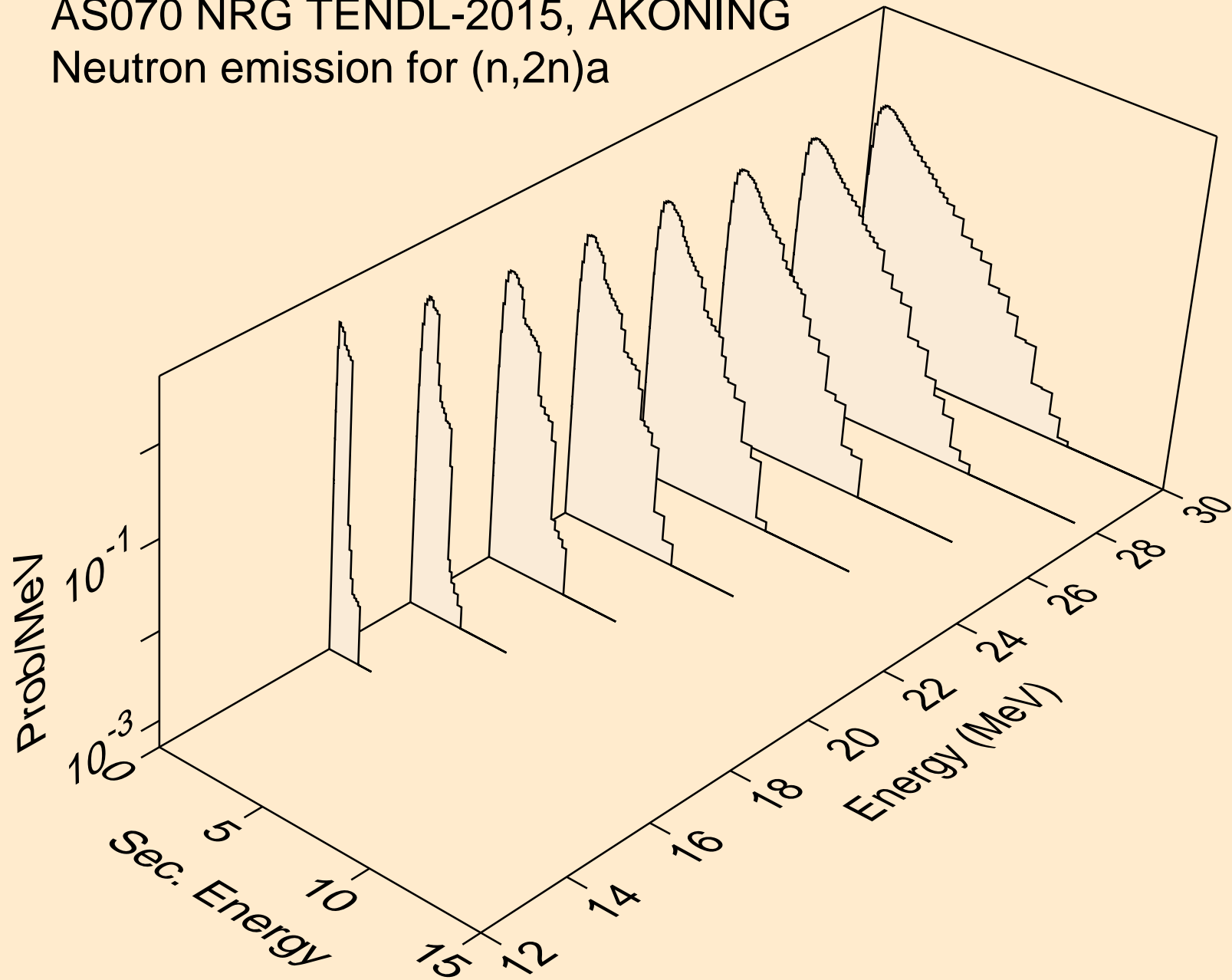
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



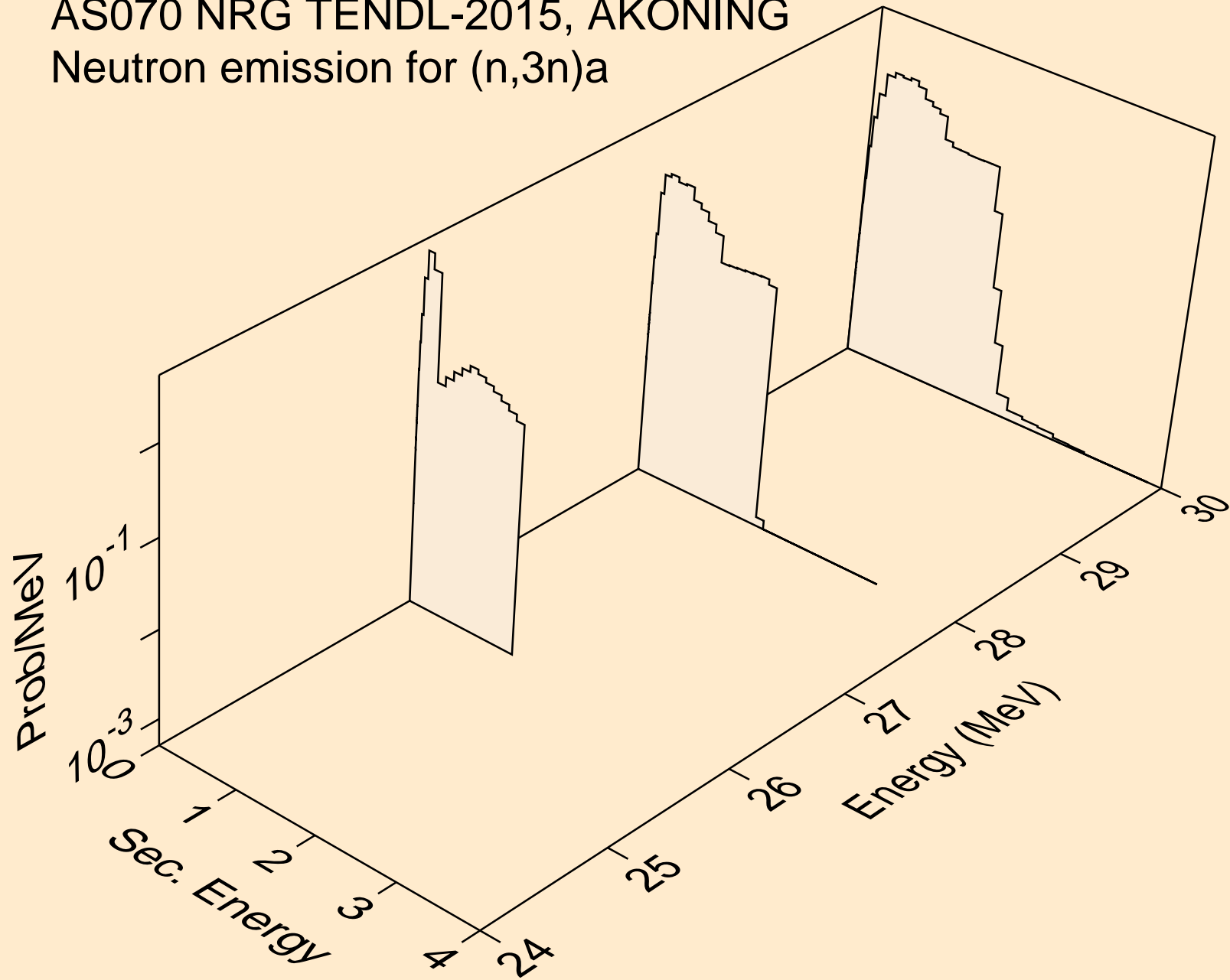
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



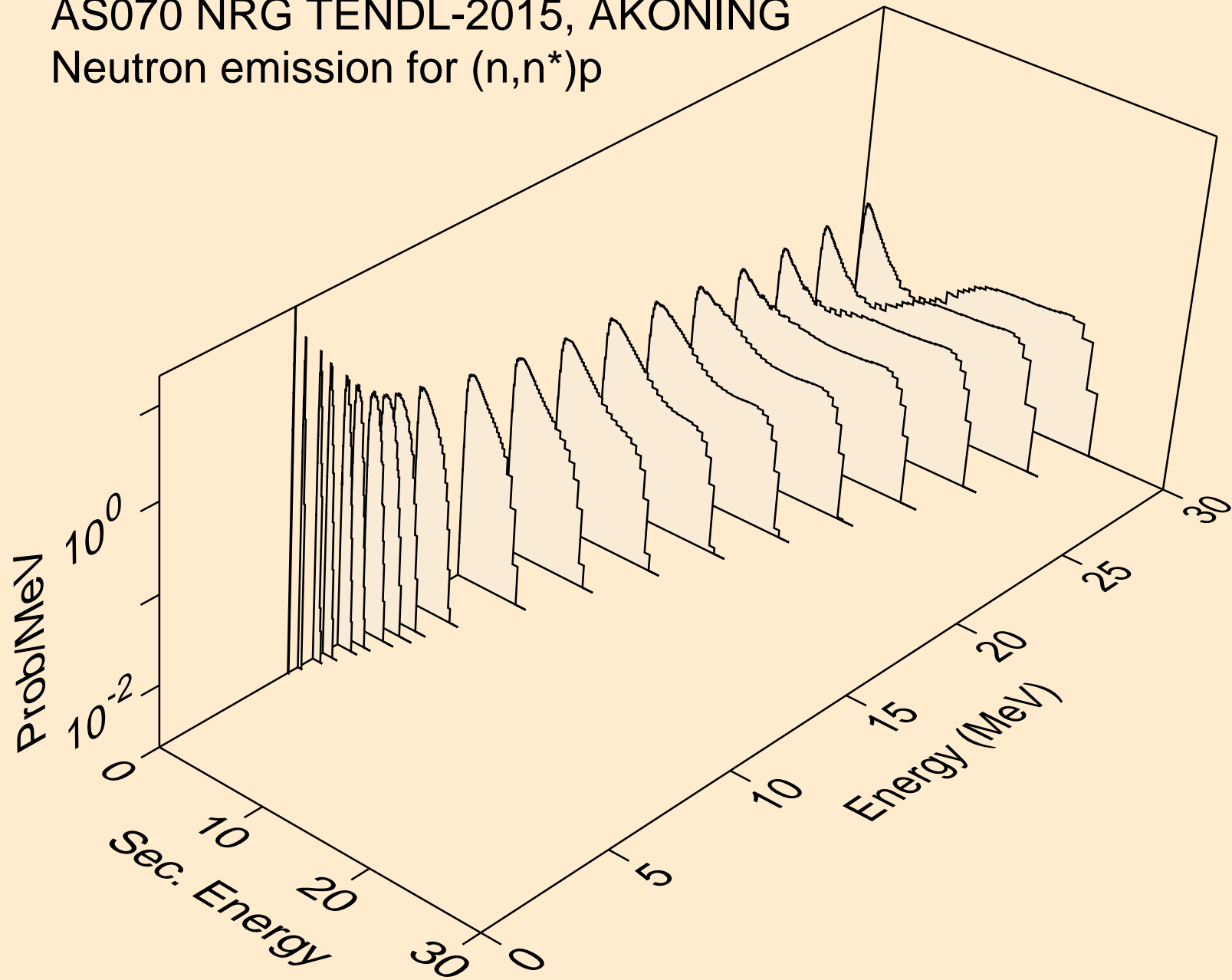
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

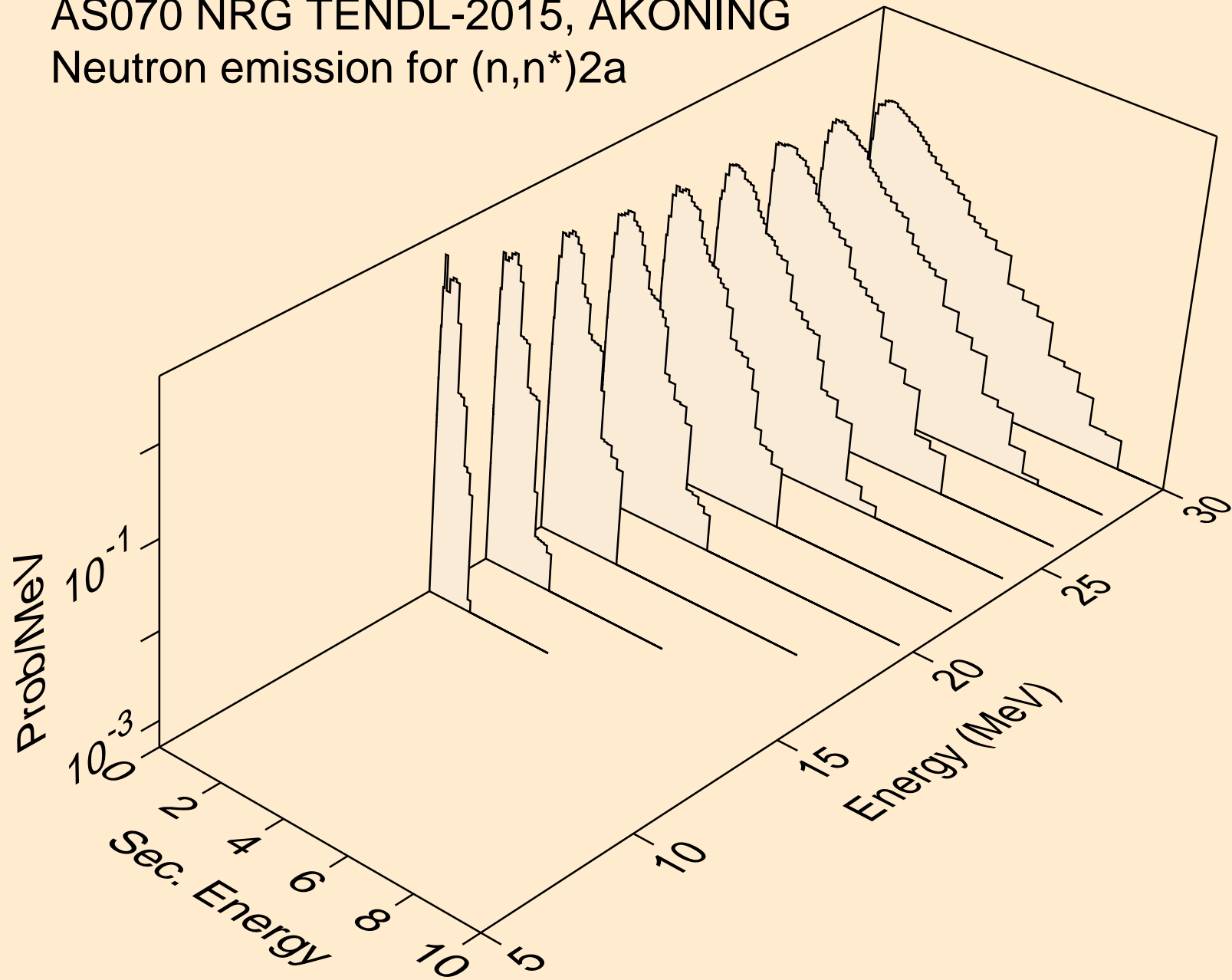


AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

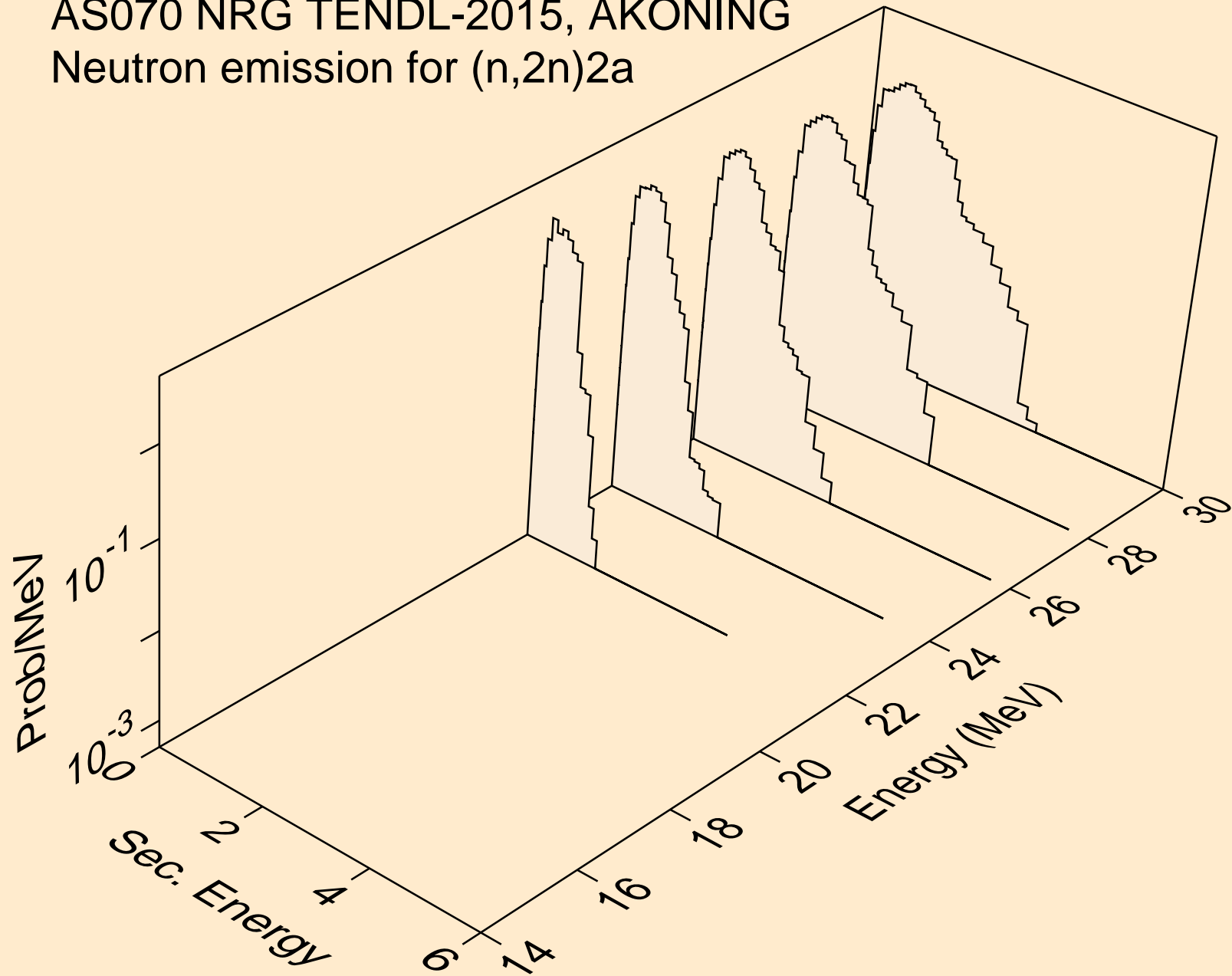




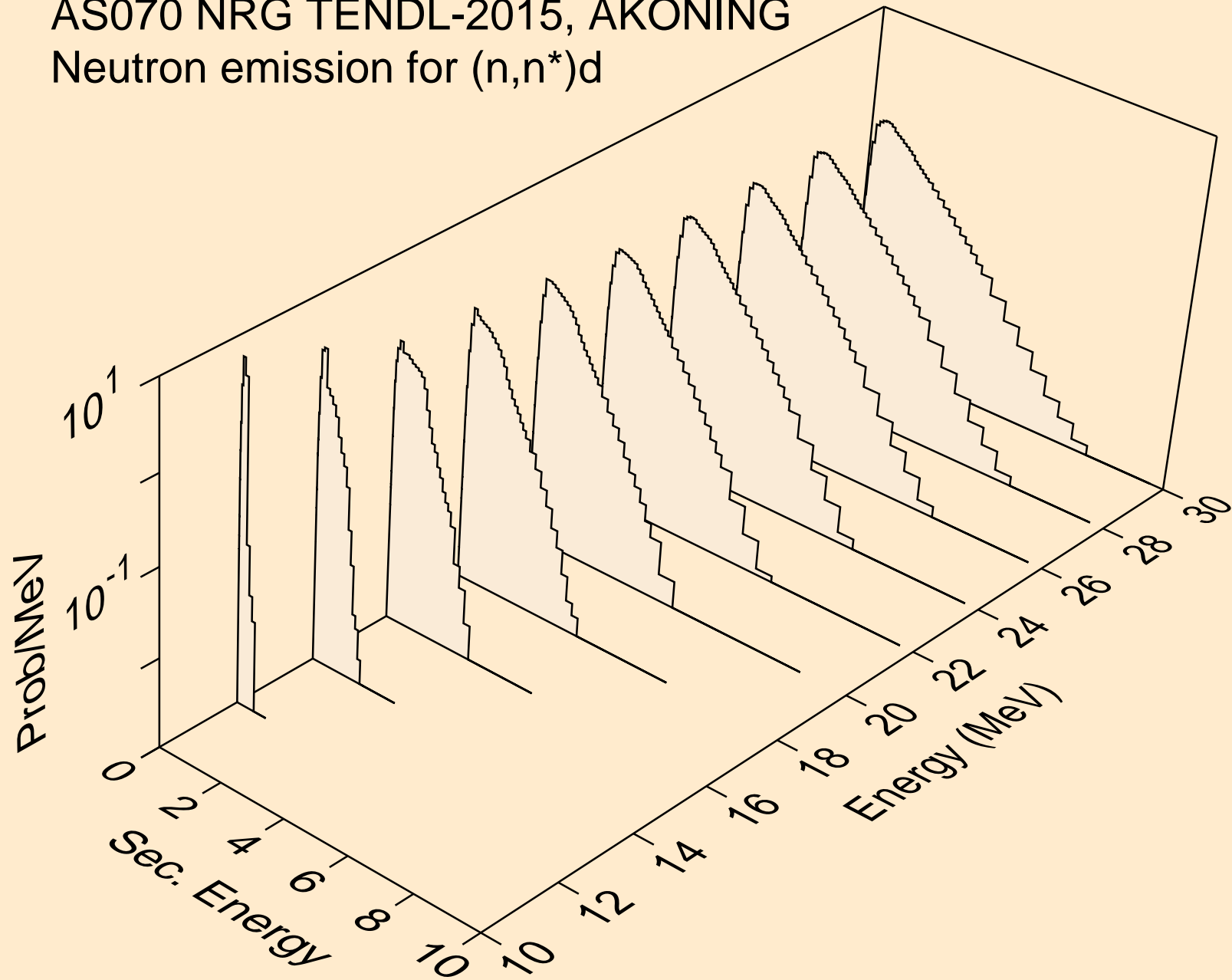
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



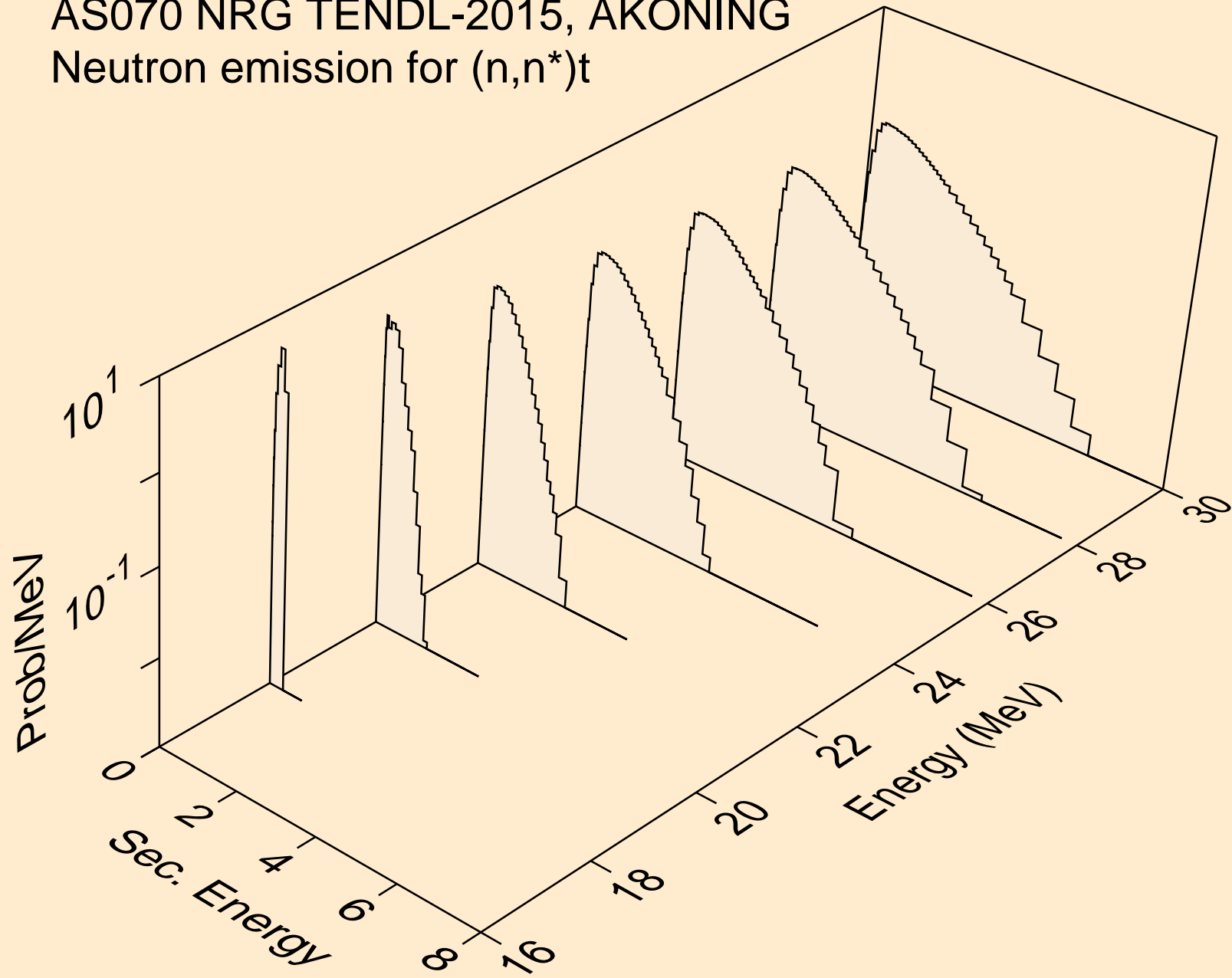
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



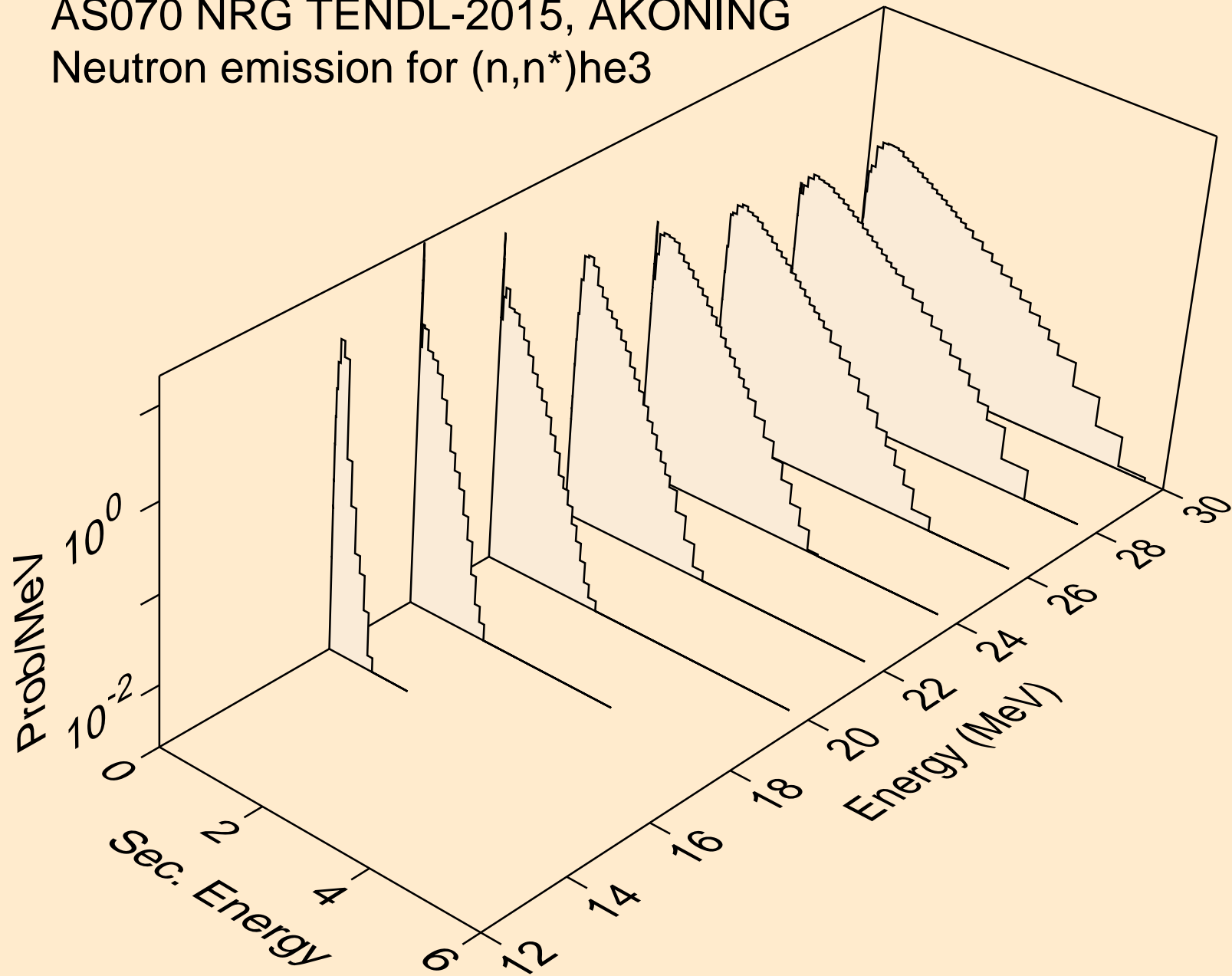
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



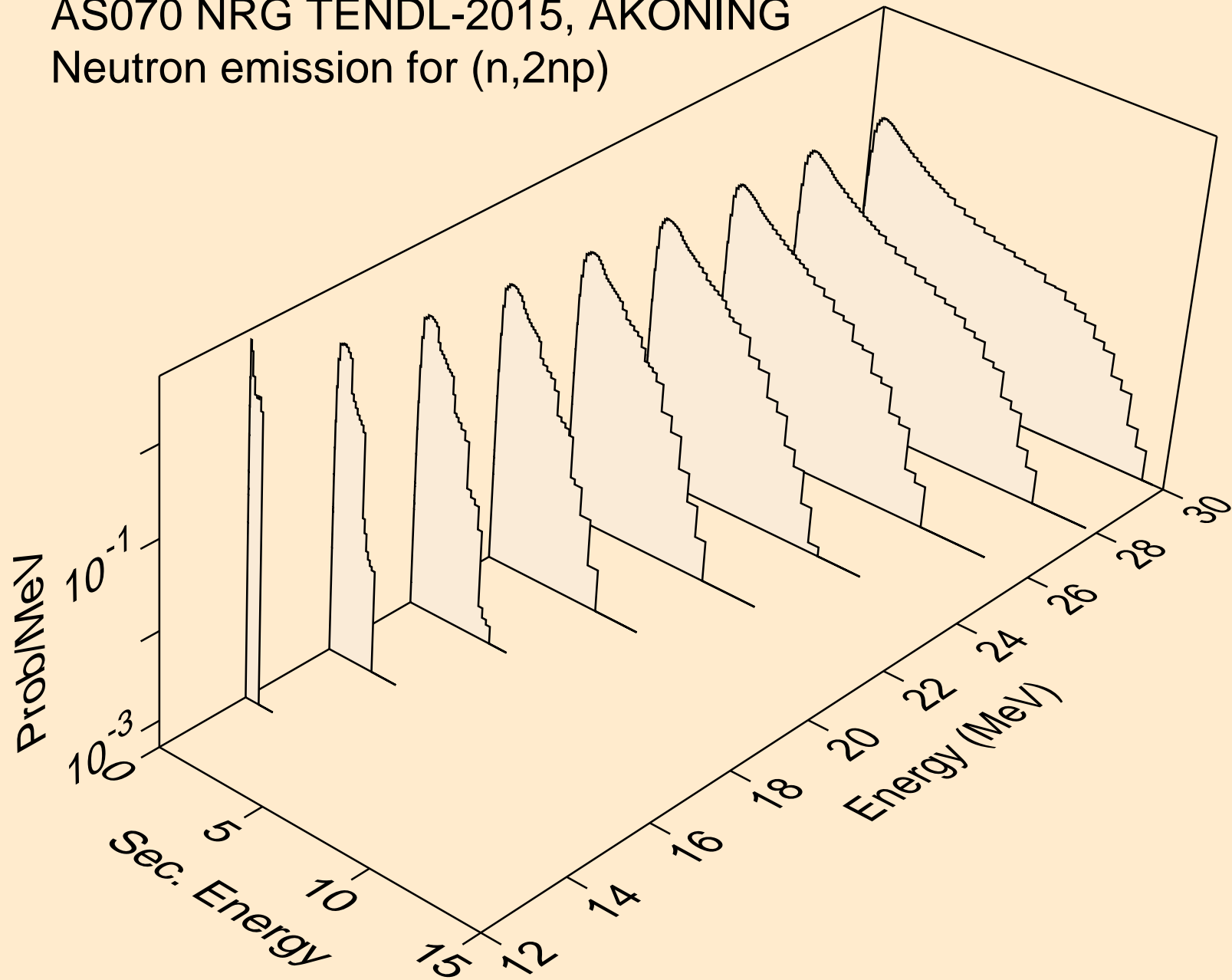
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



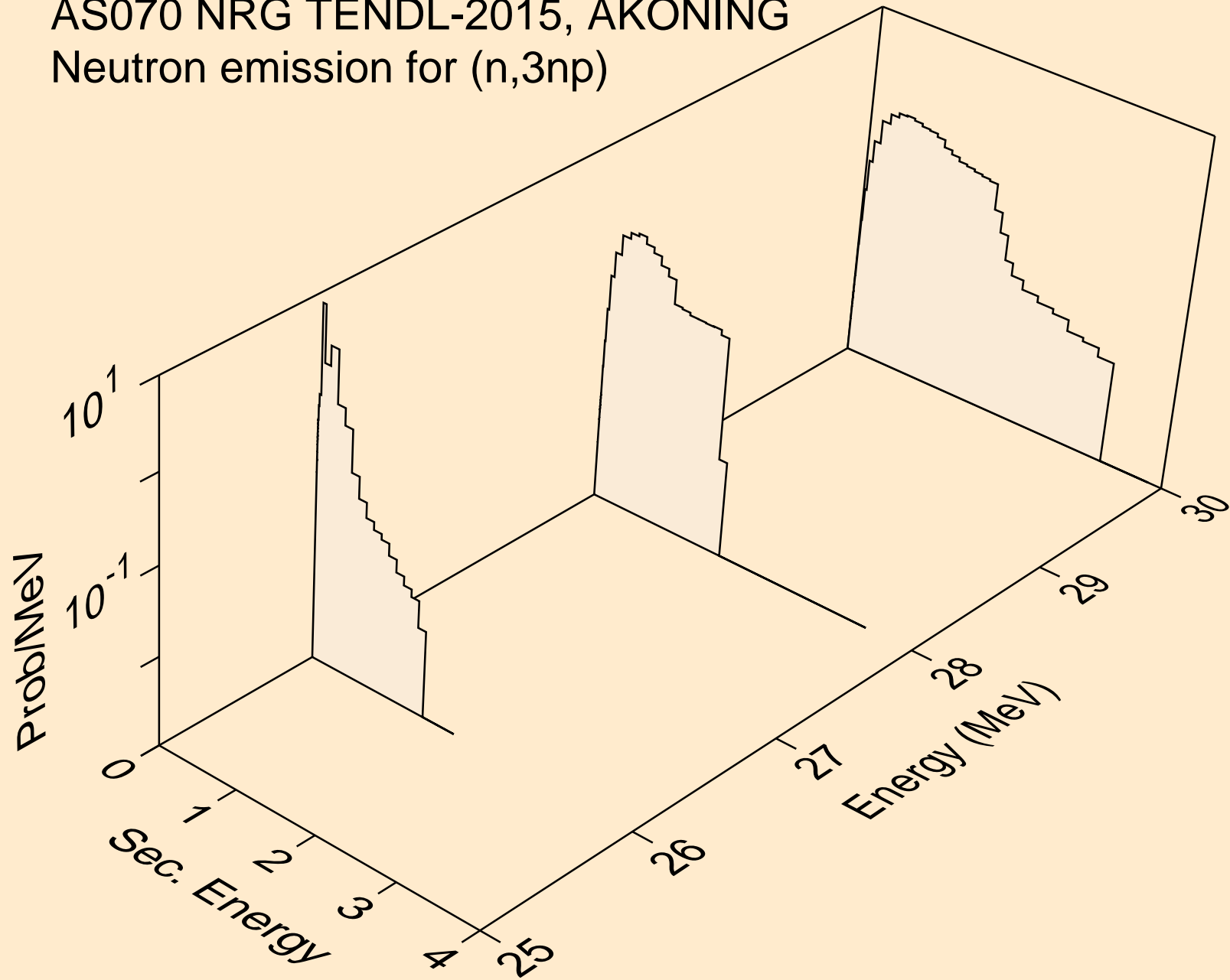
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



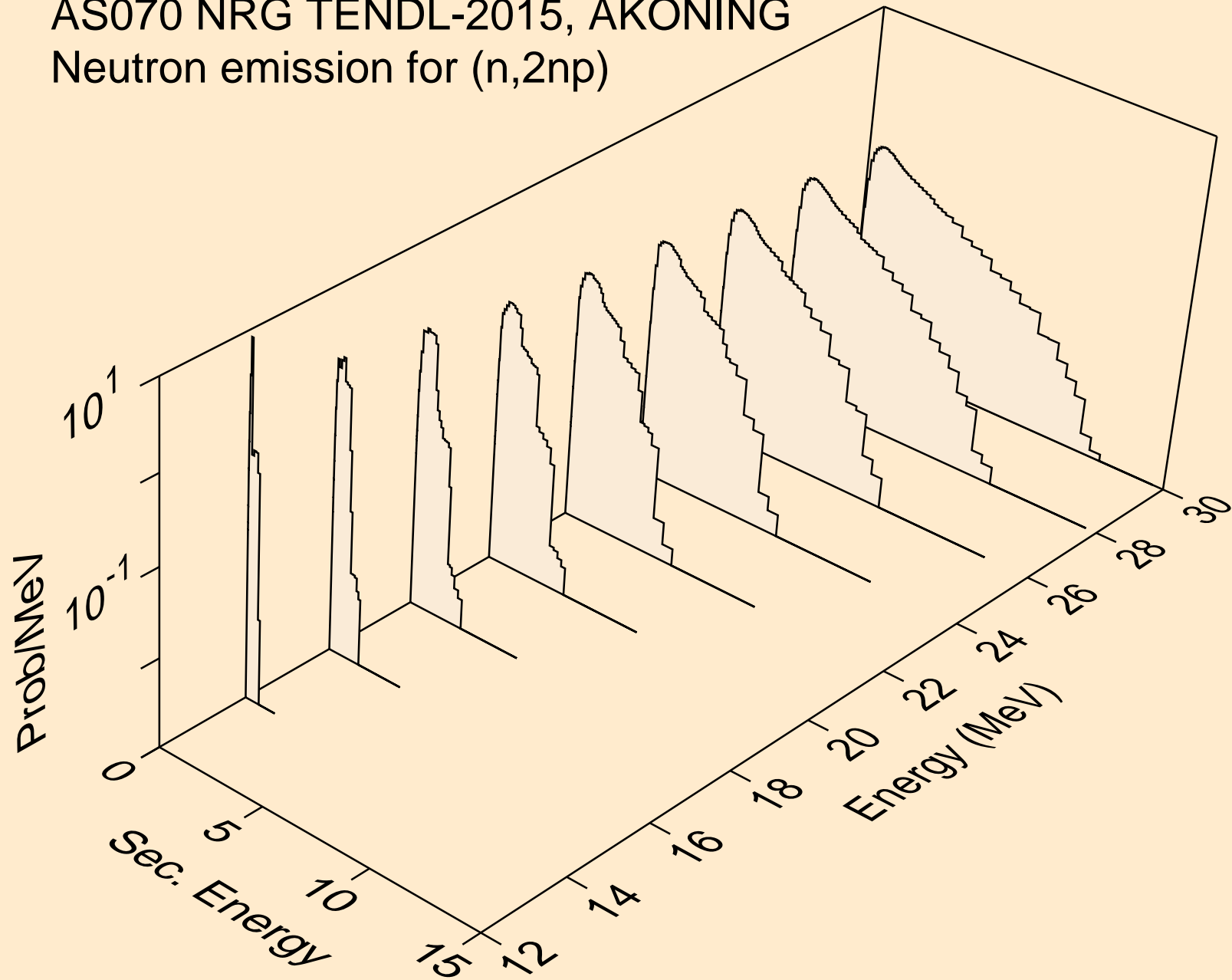
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

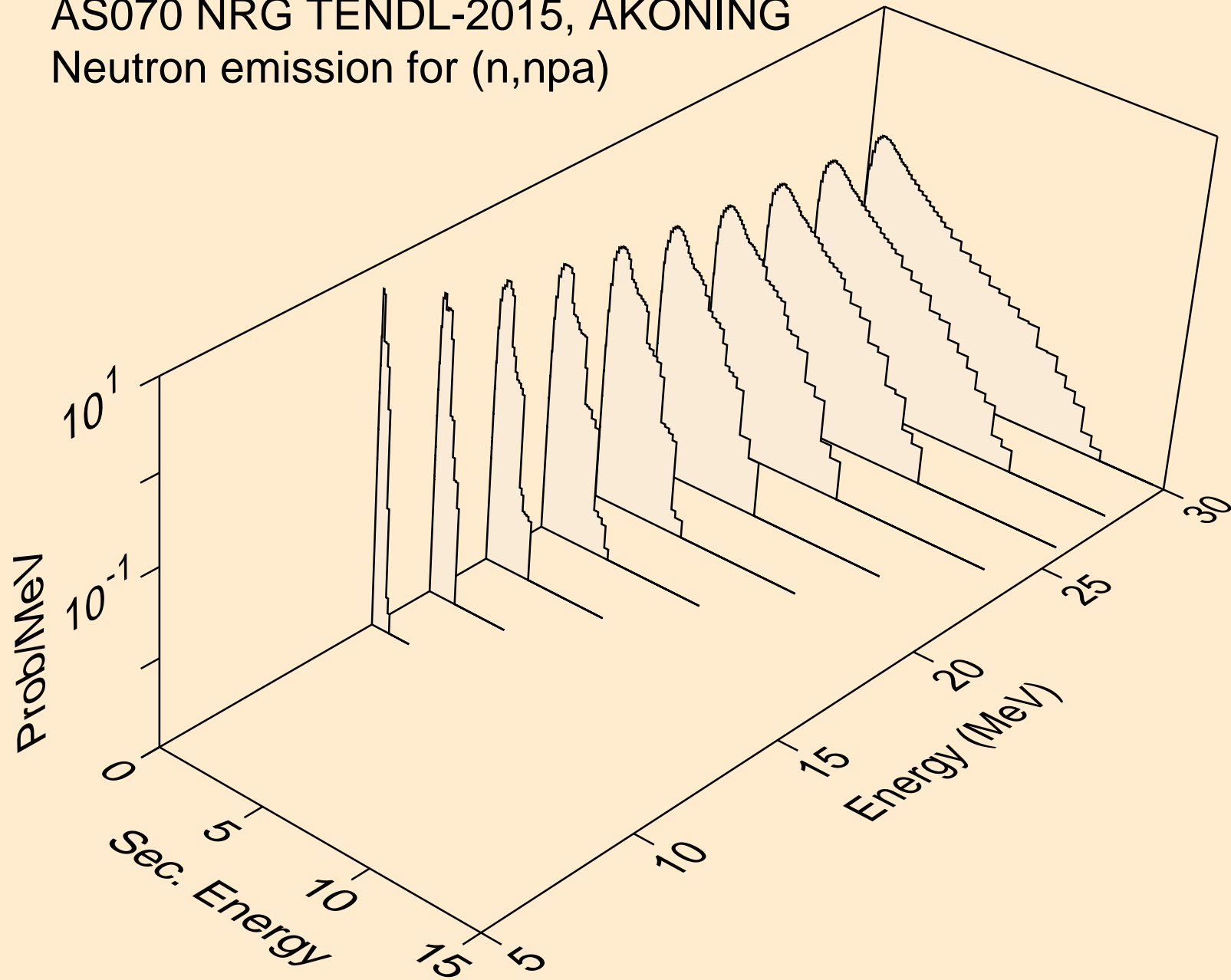


AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

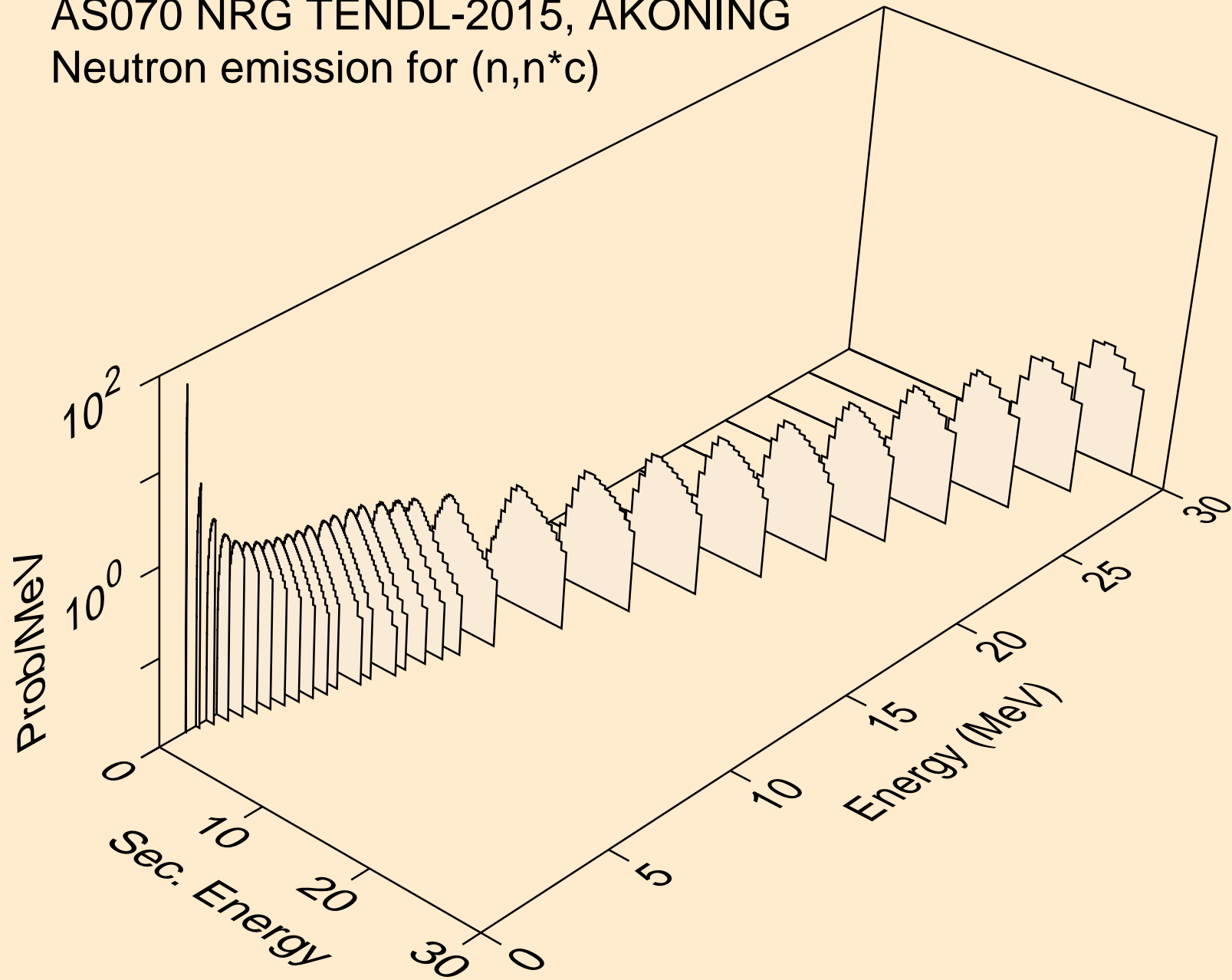




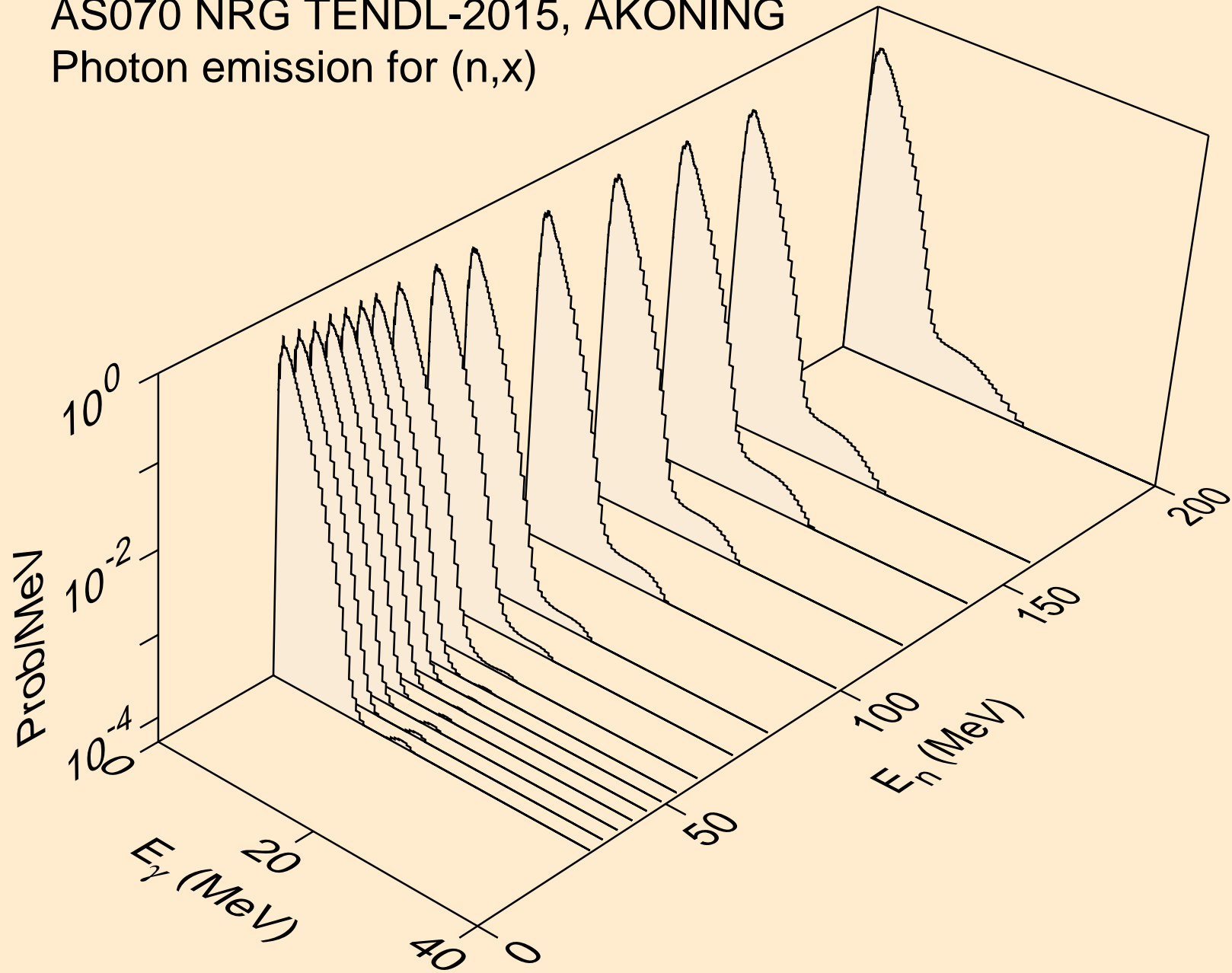
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



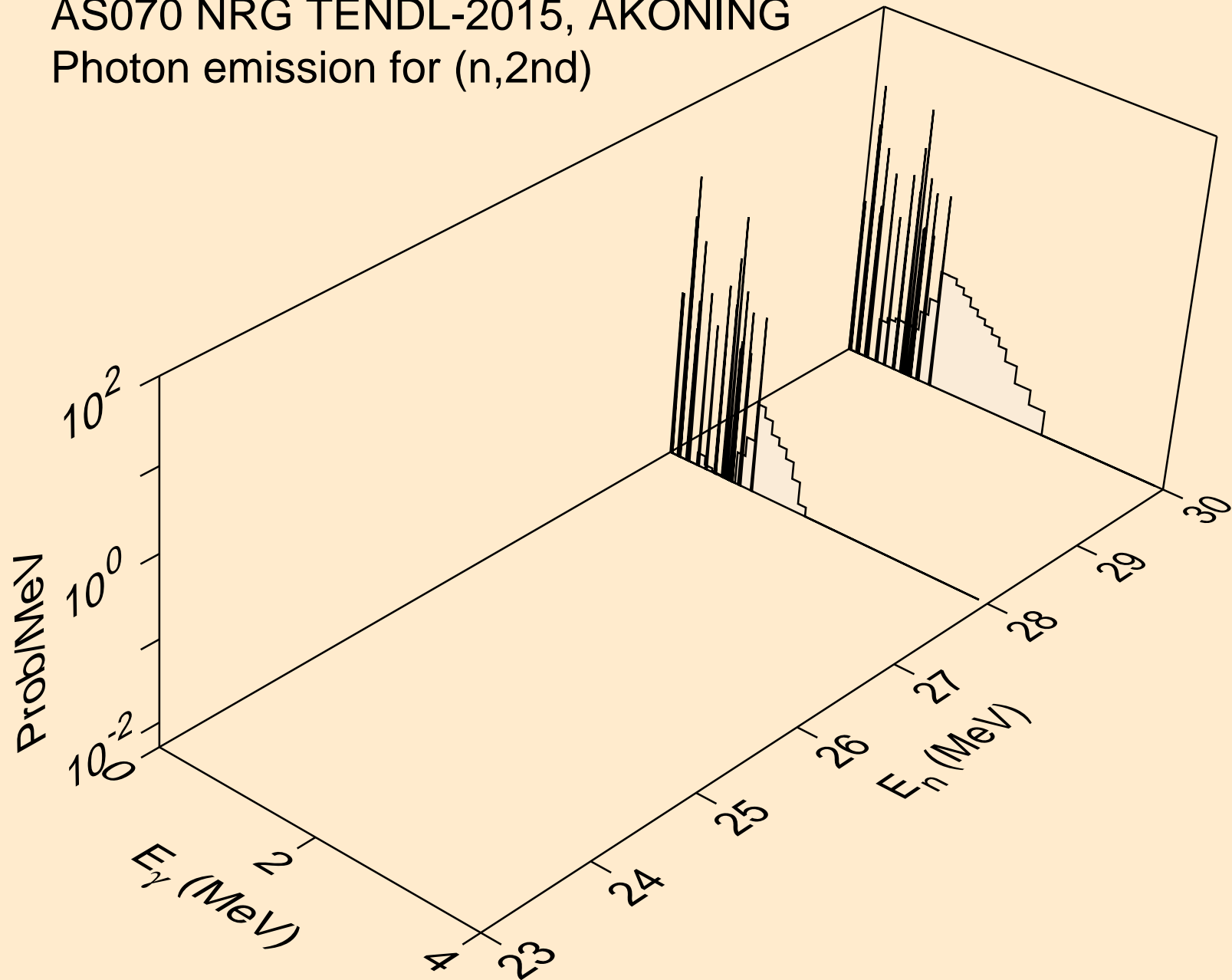
AS070 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



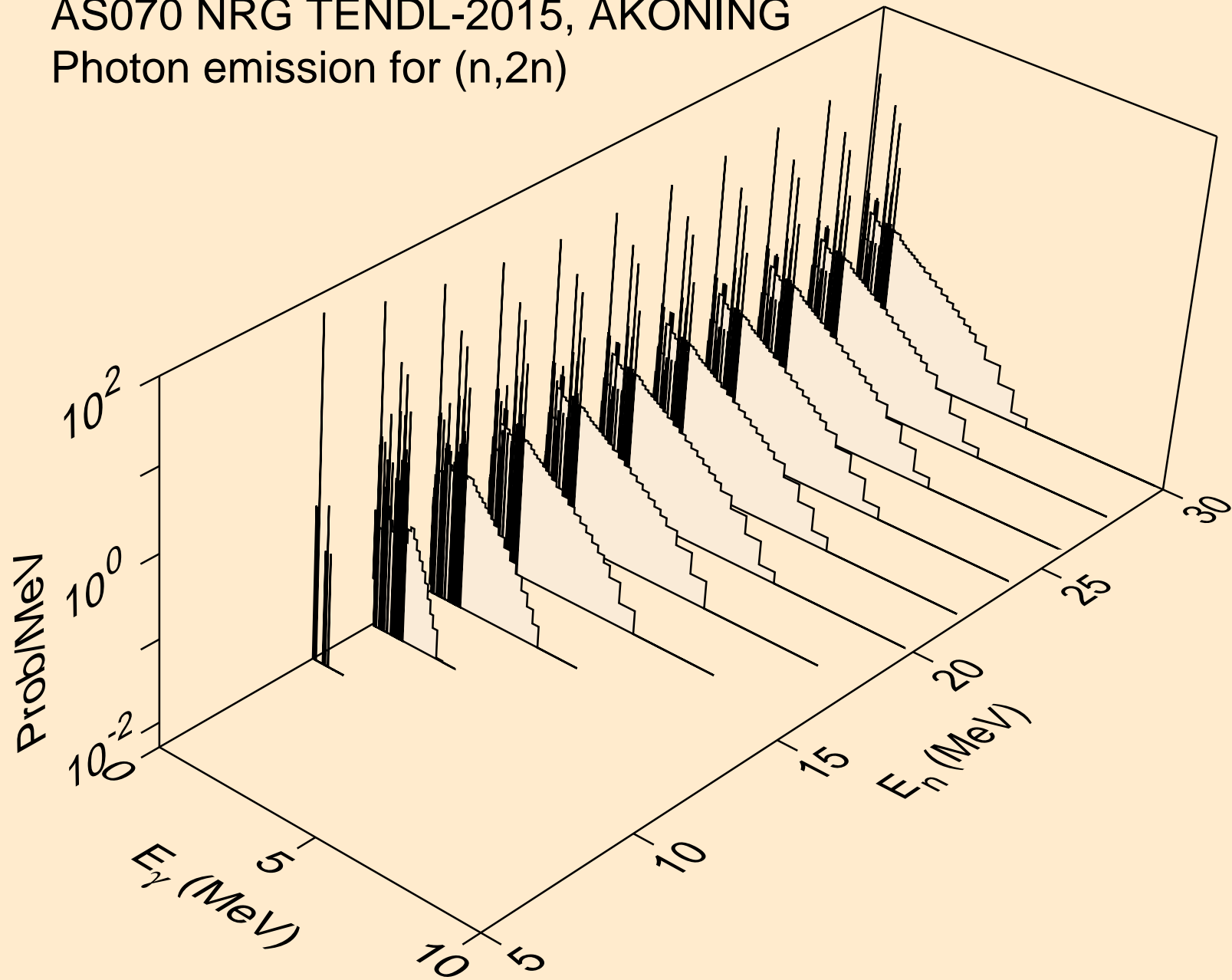
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



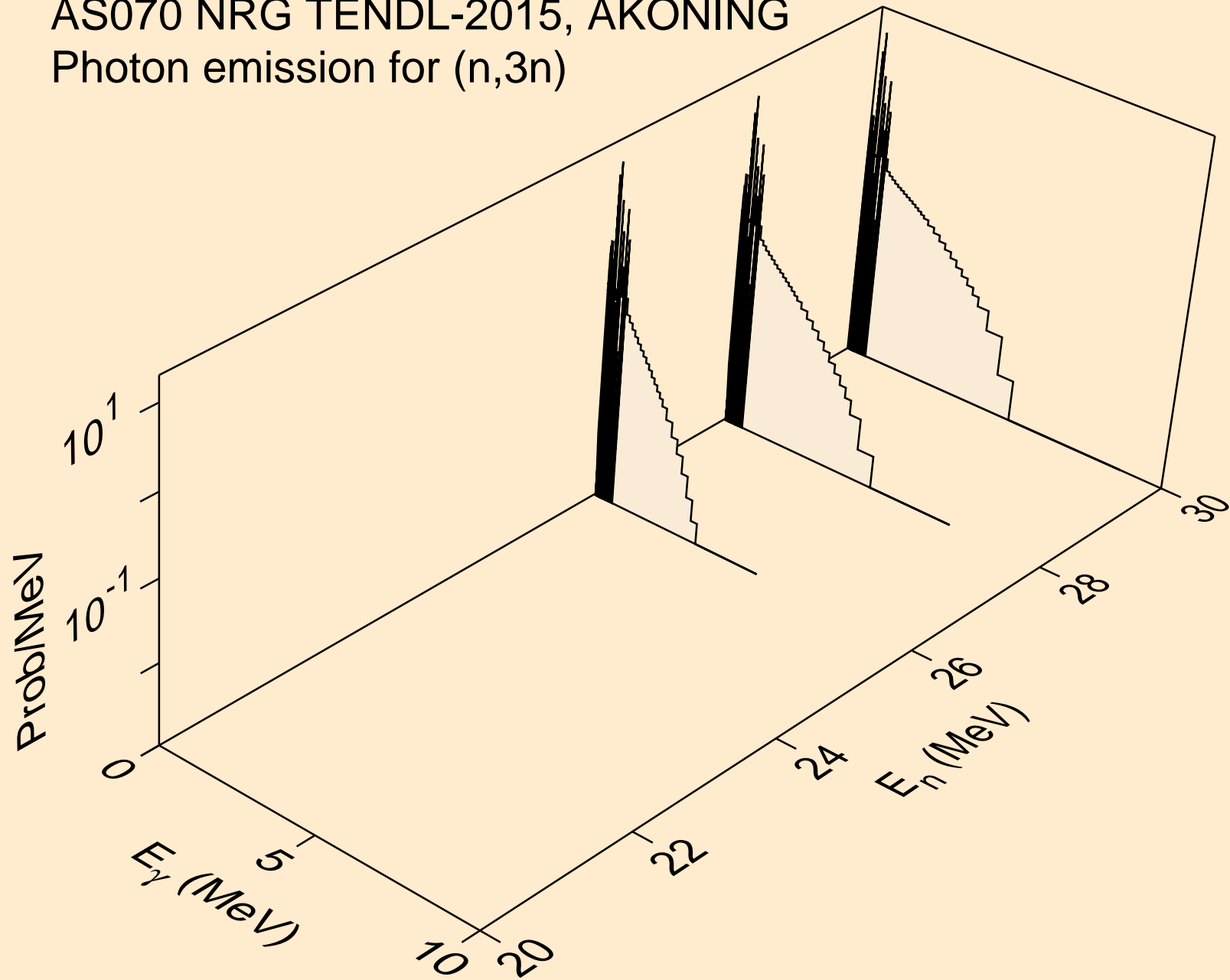
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



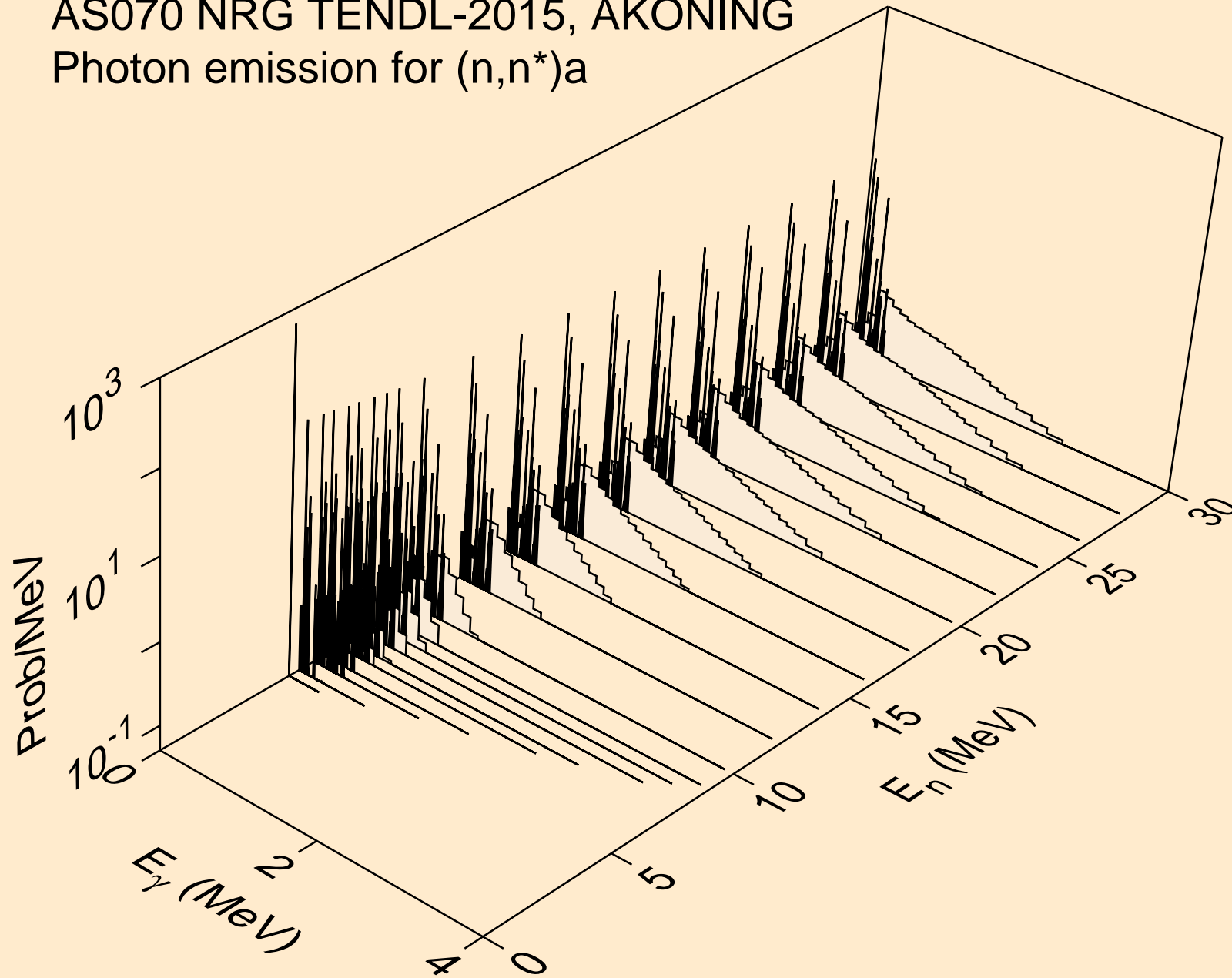
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



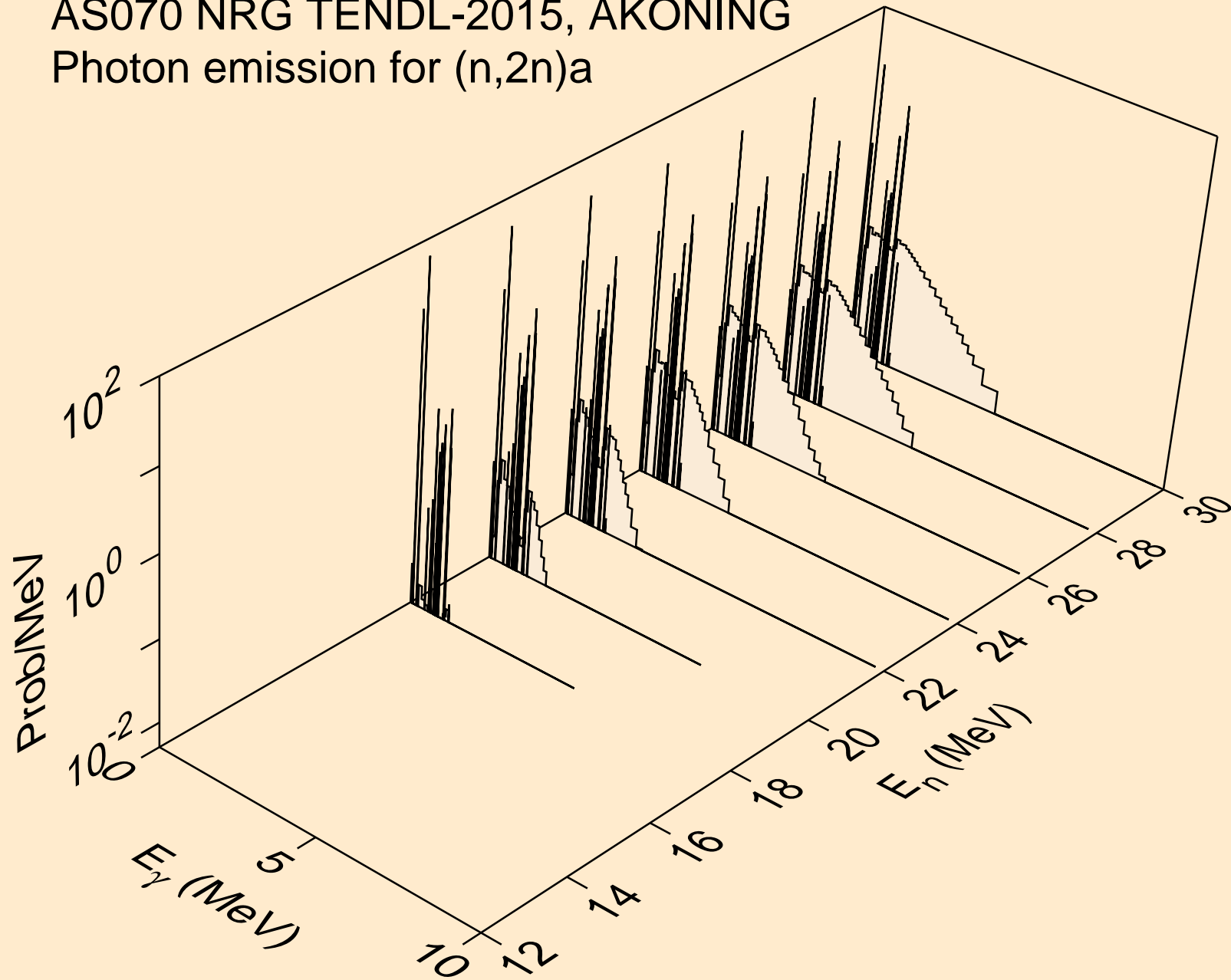
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

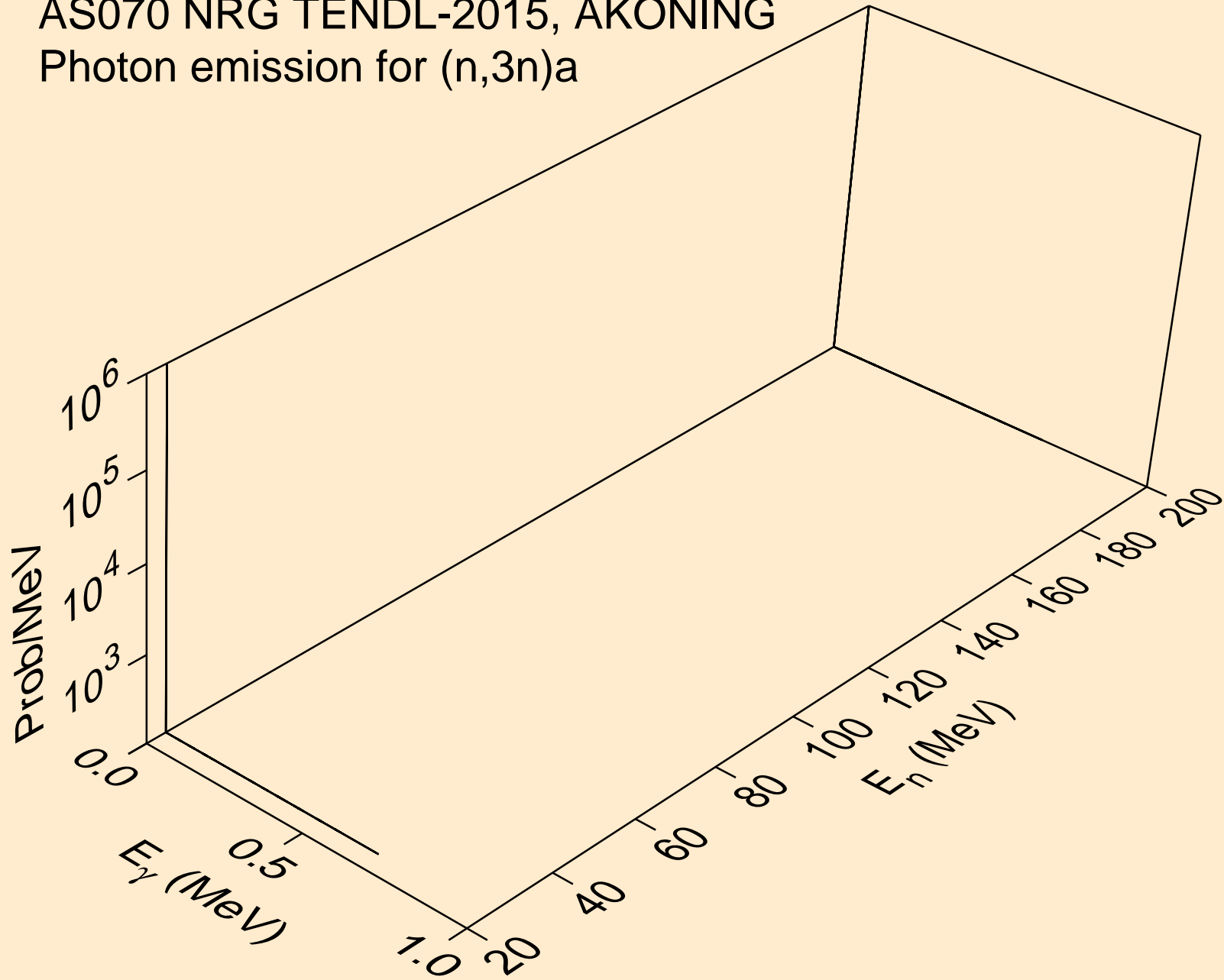


AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

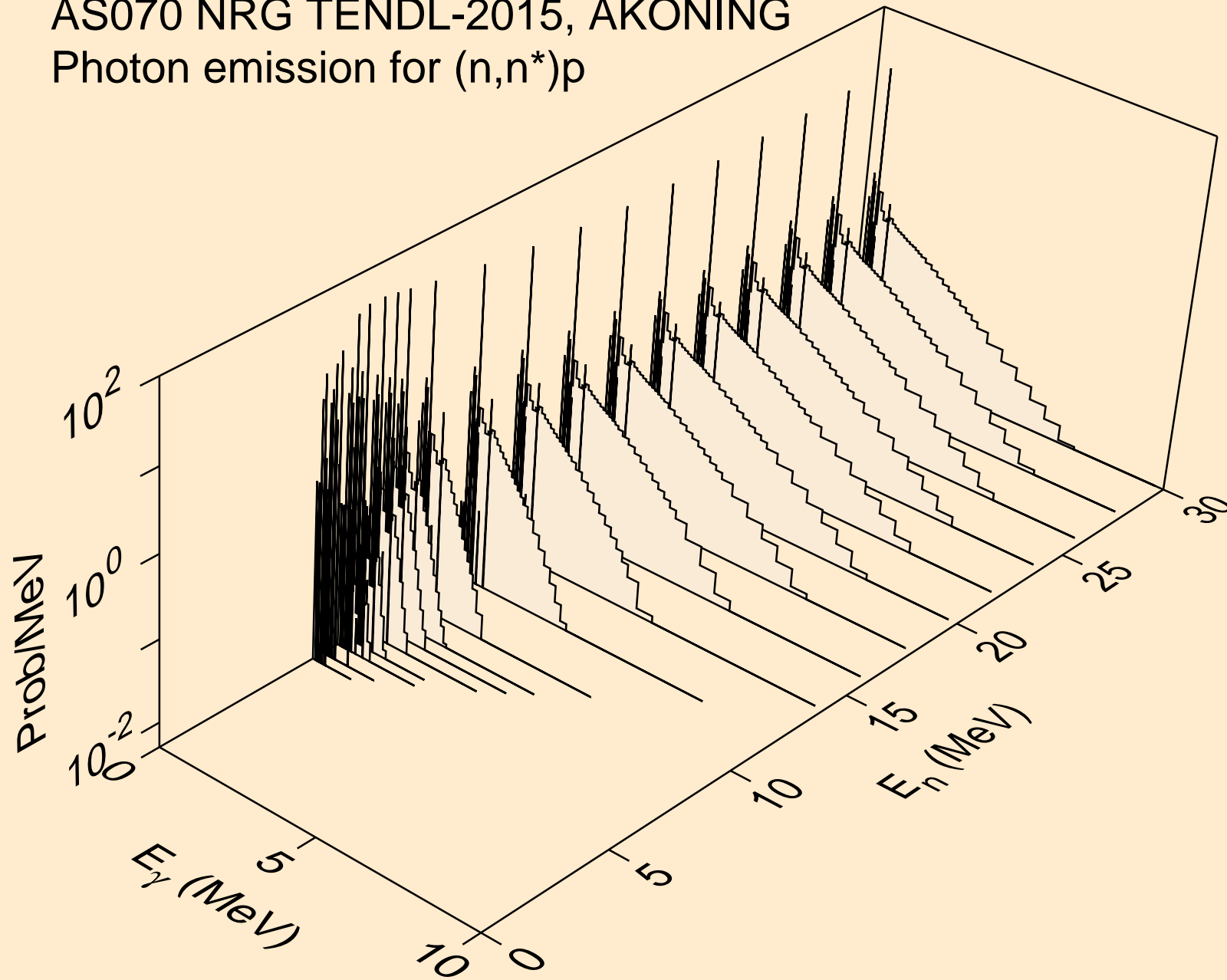




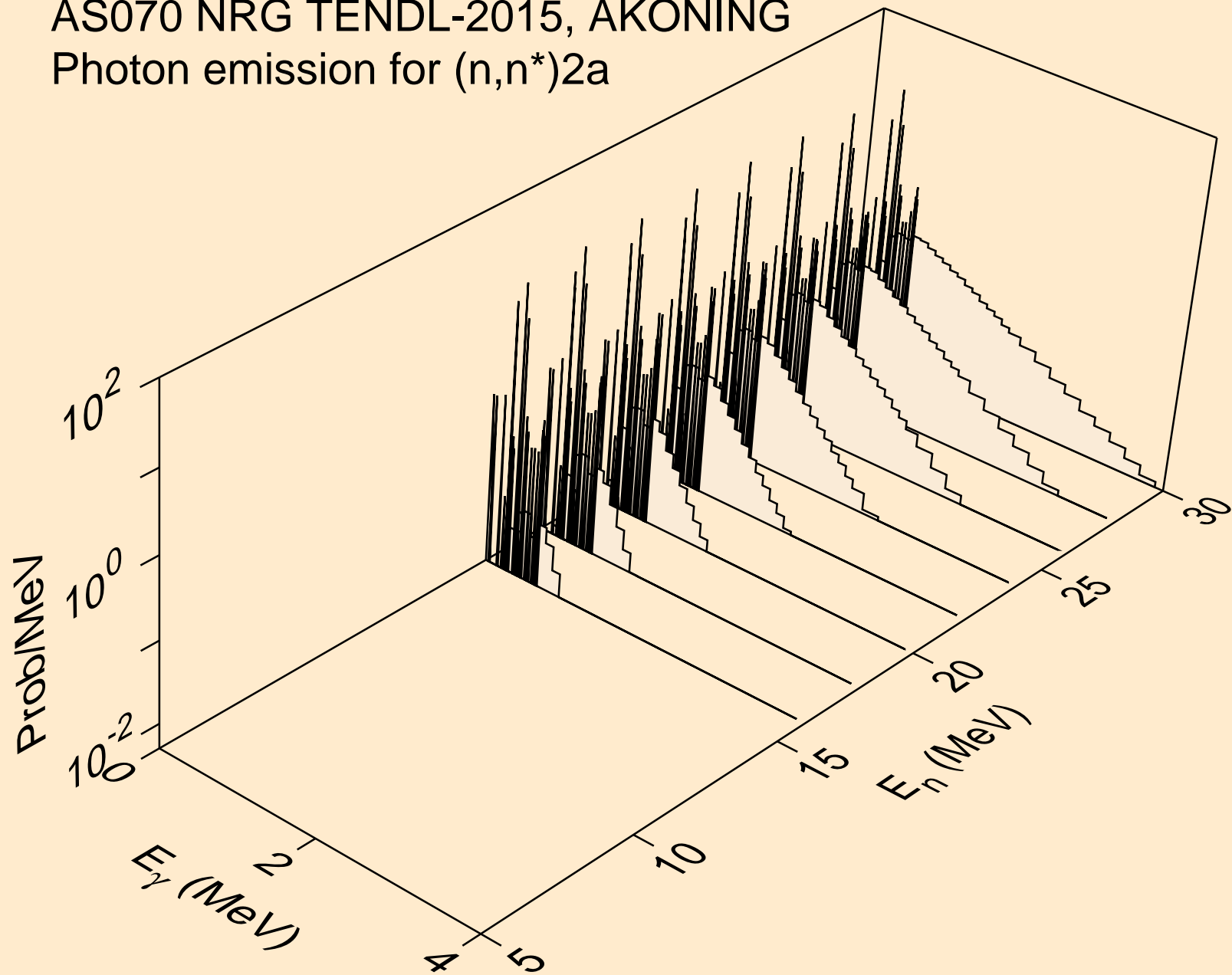
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Photon emission for (n,3n)a



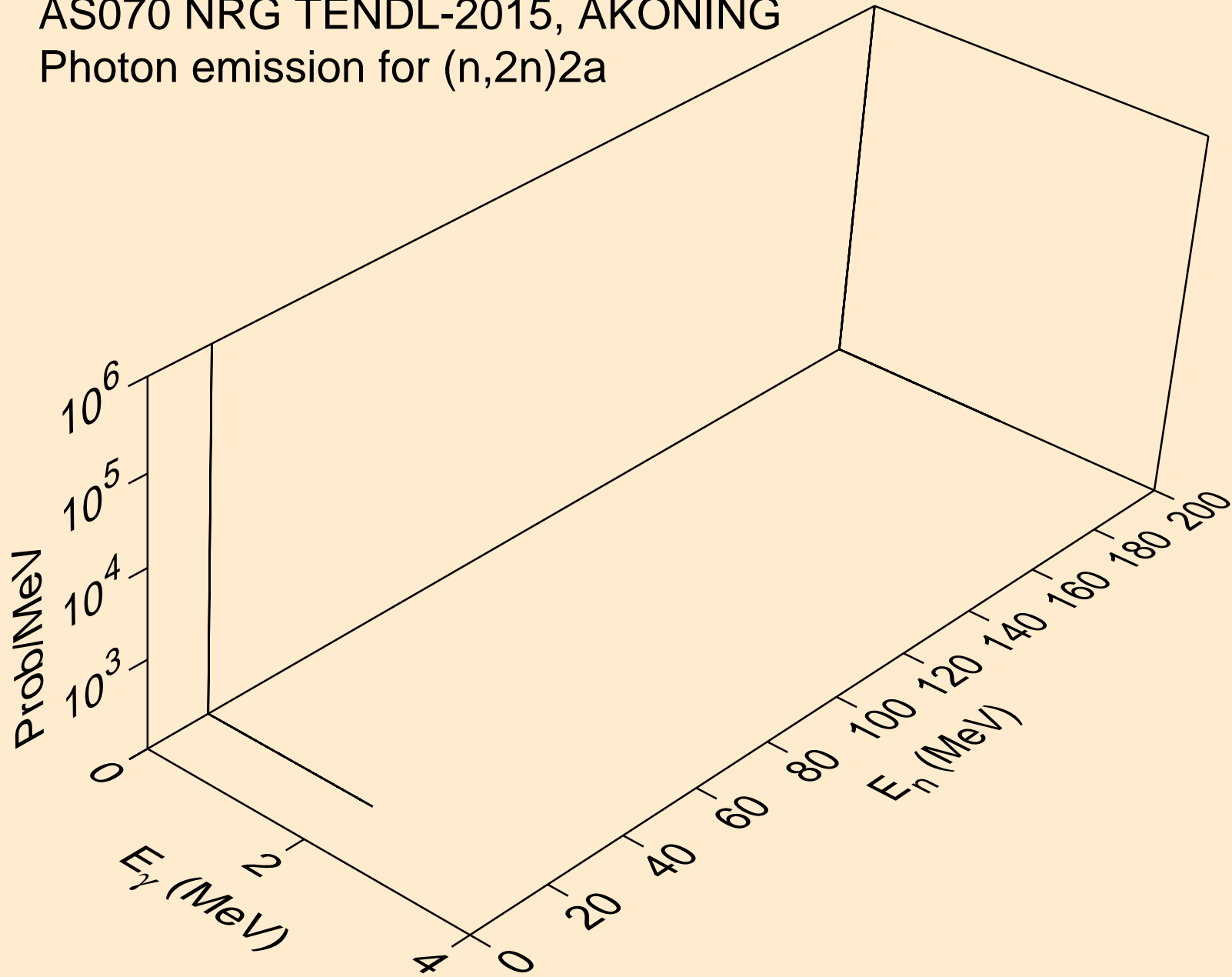
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



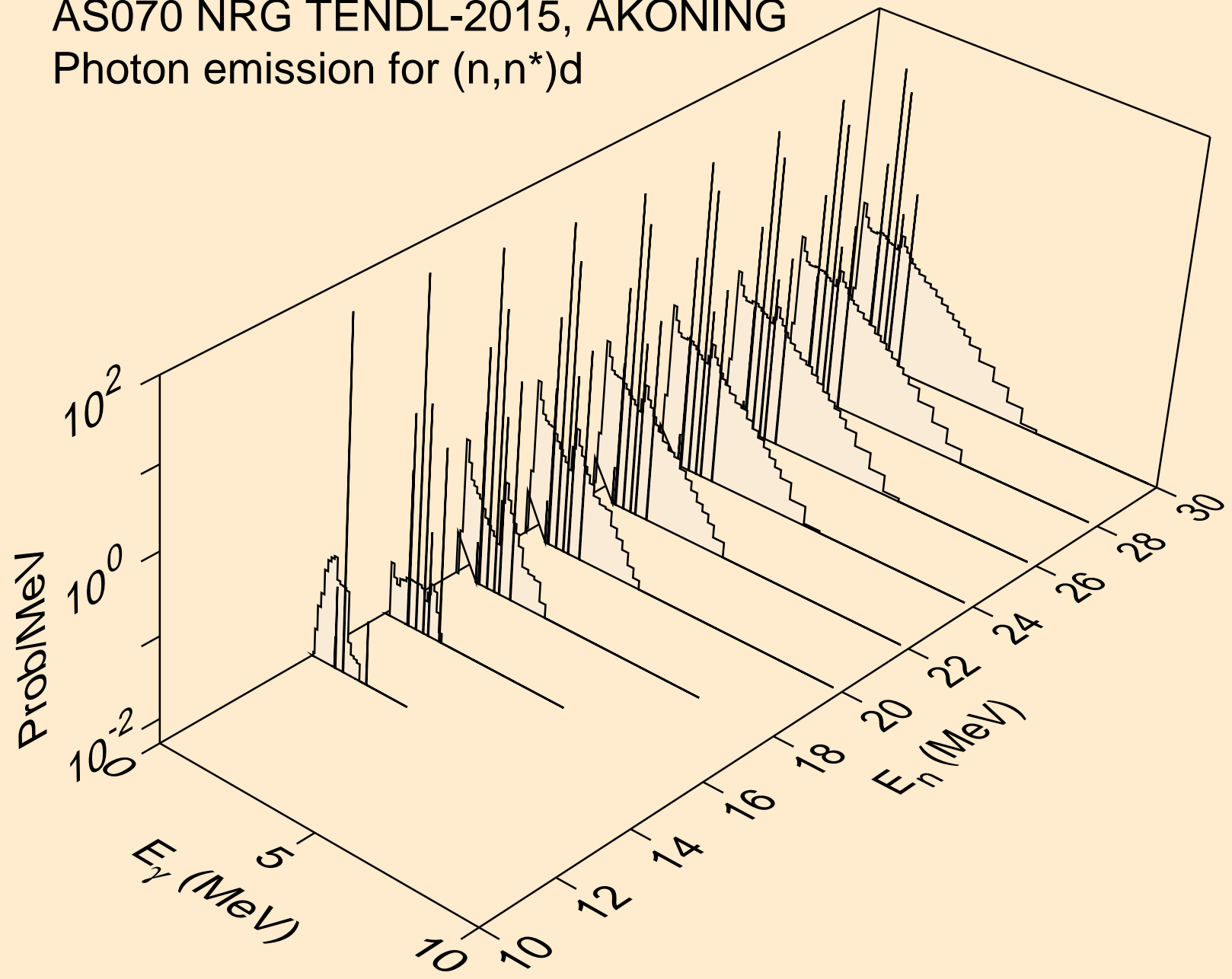
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



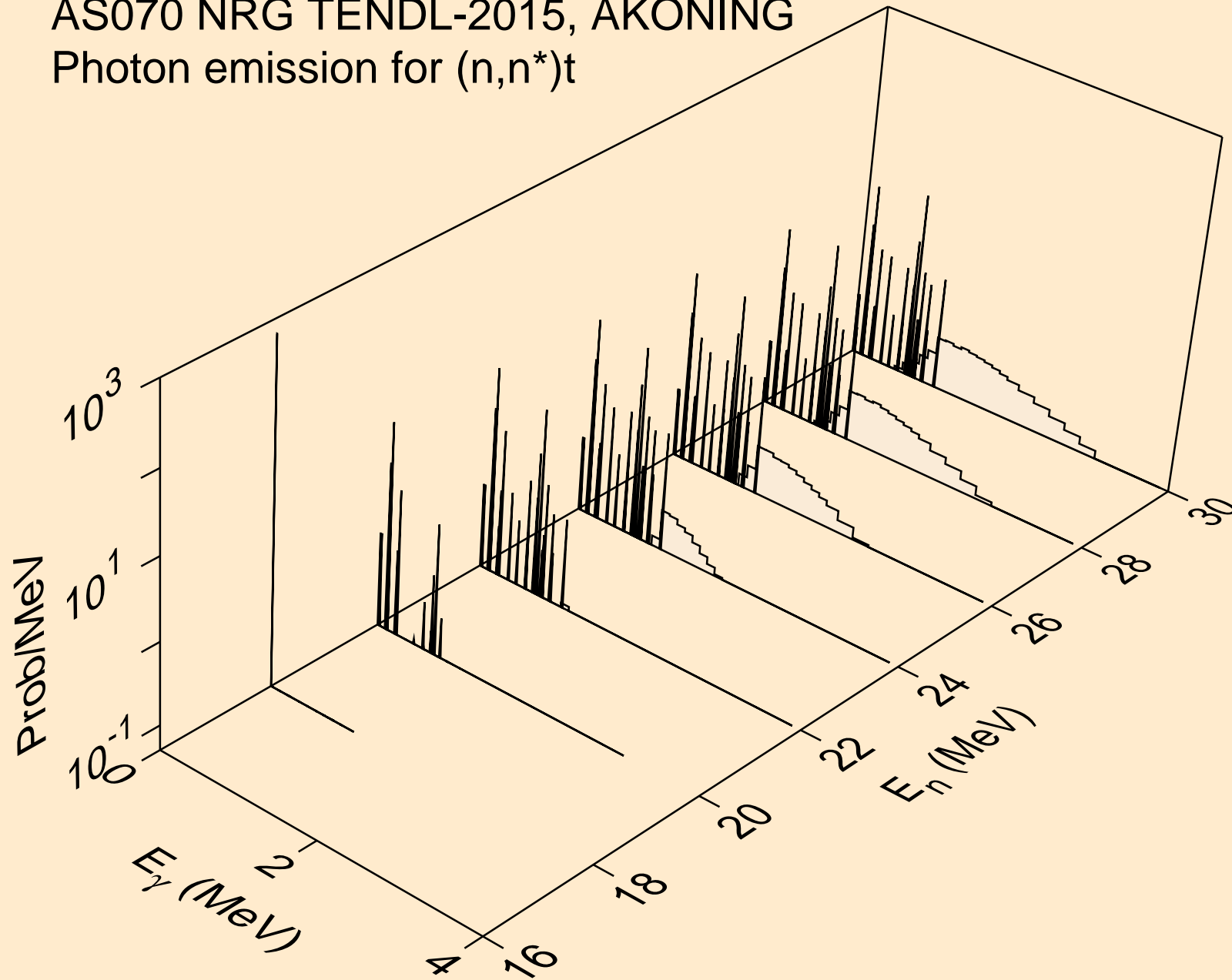
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Photon emission for (n,2n)2a



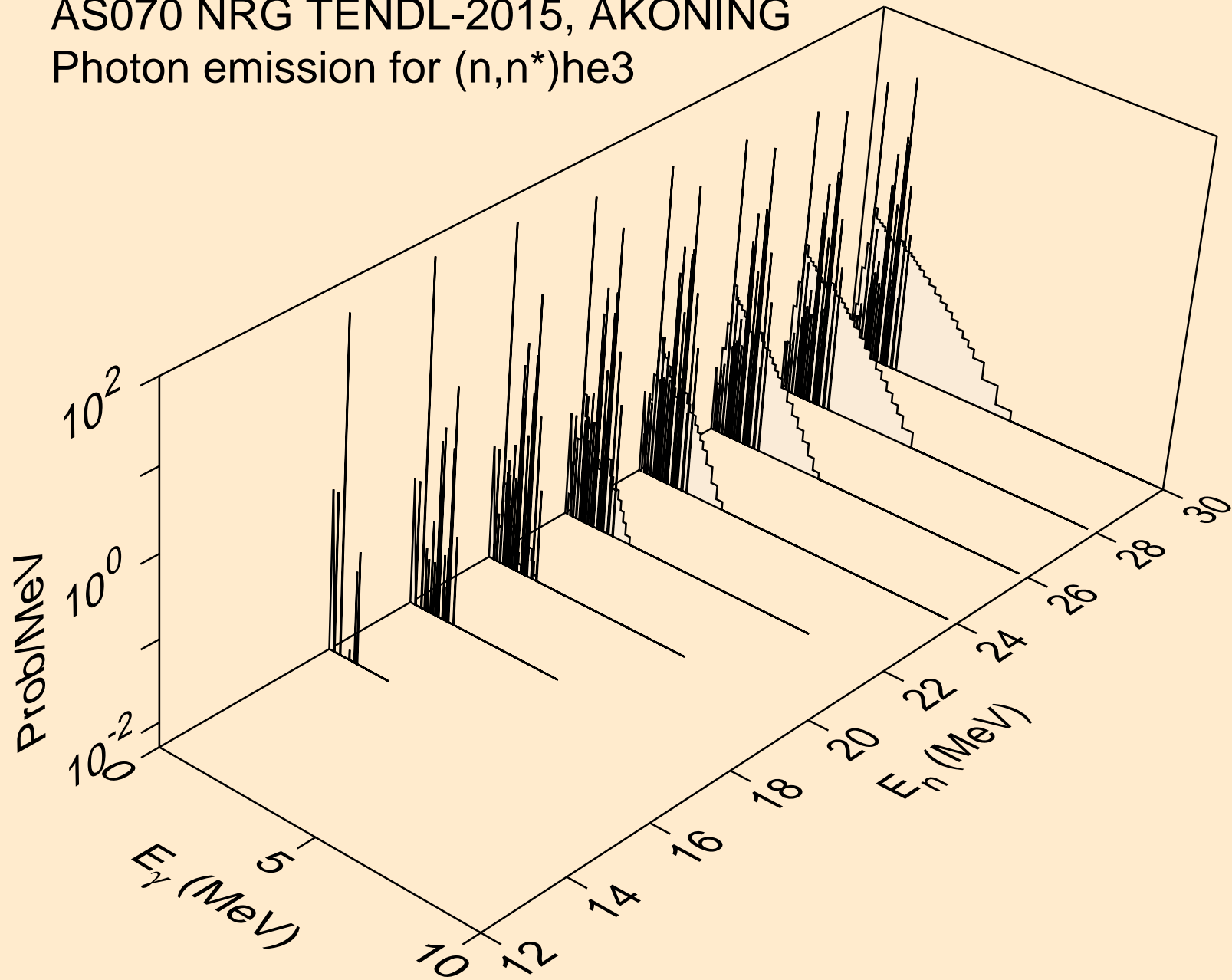
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Photon emission for (n,n\*)d



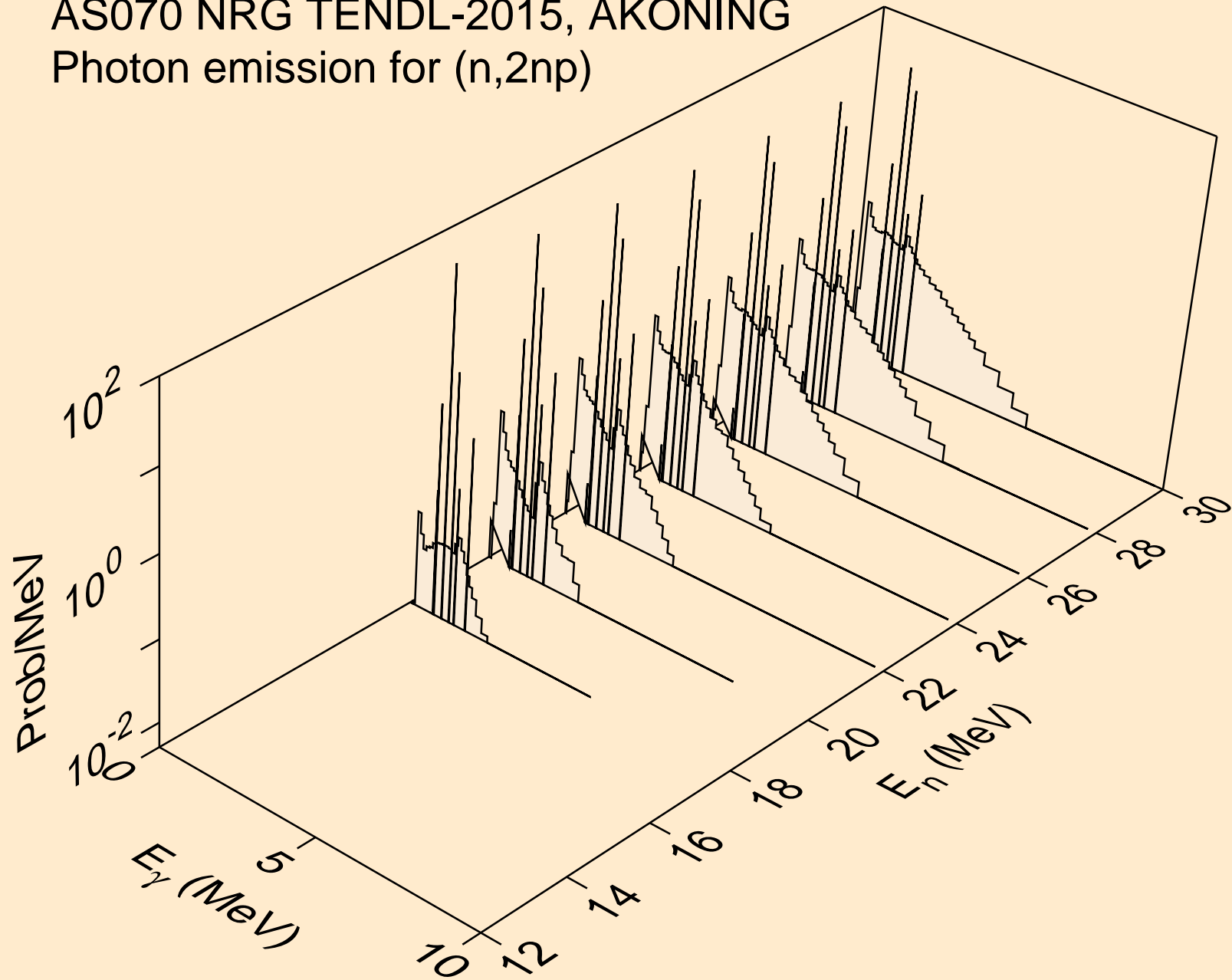
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

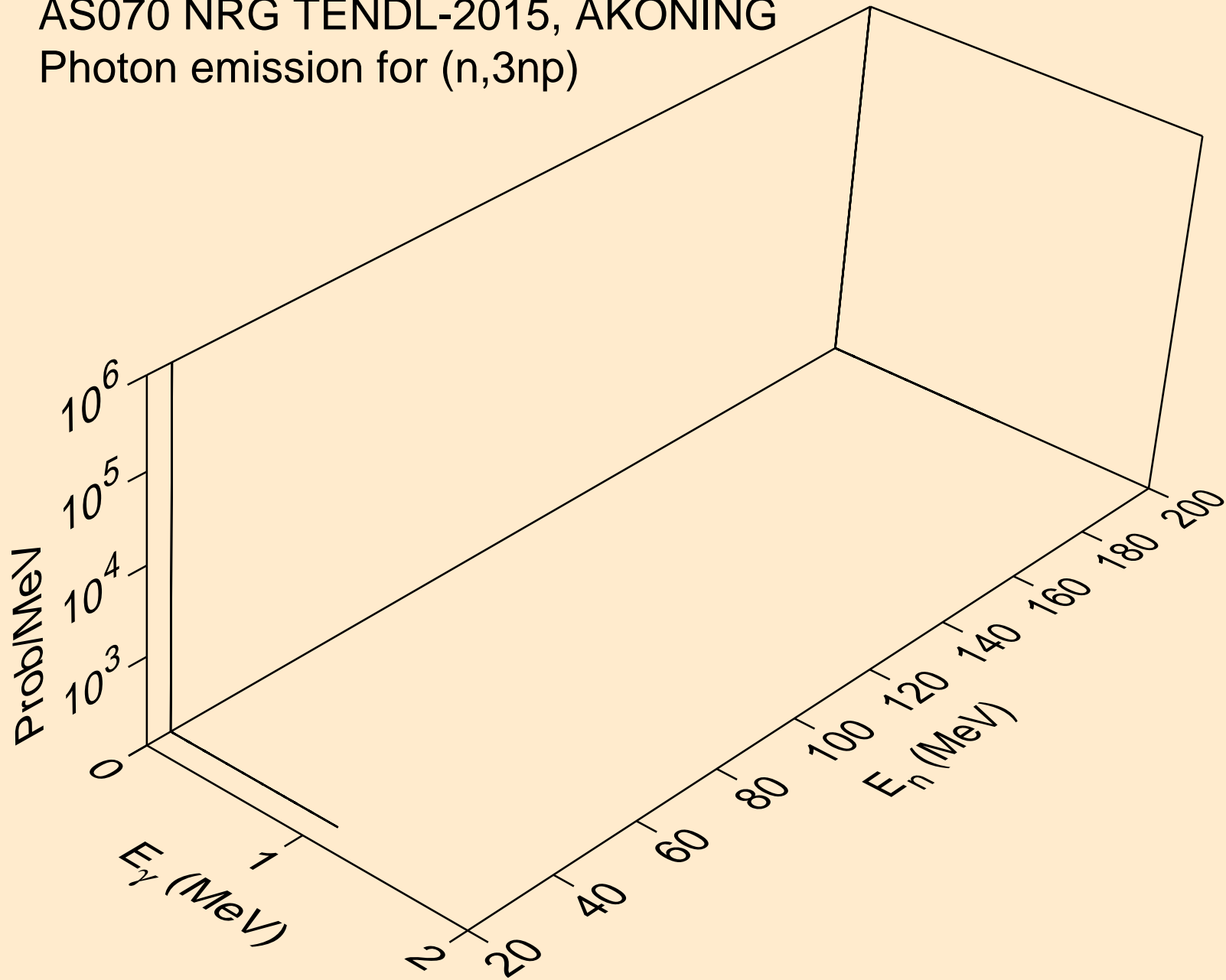


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Photon emission for (n,2np)

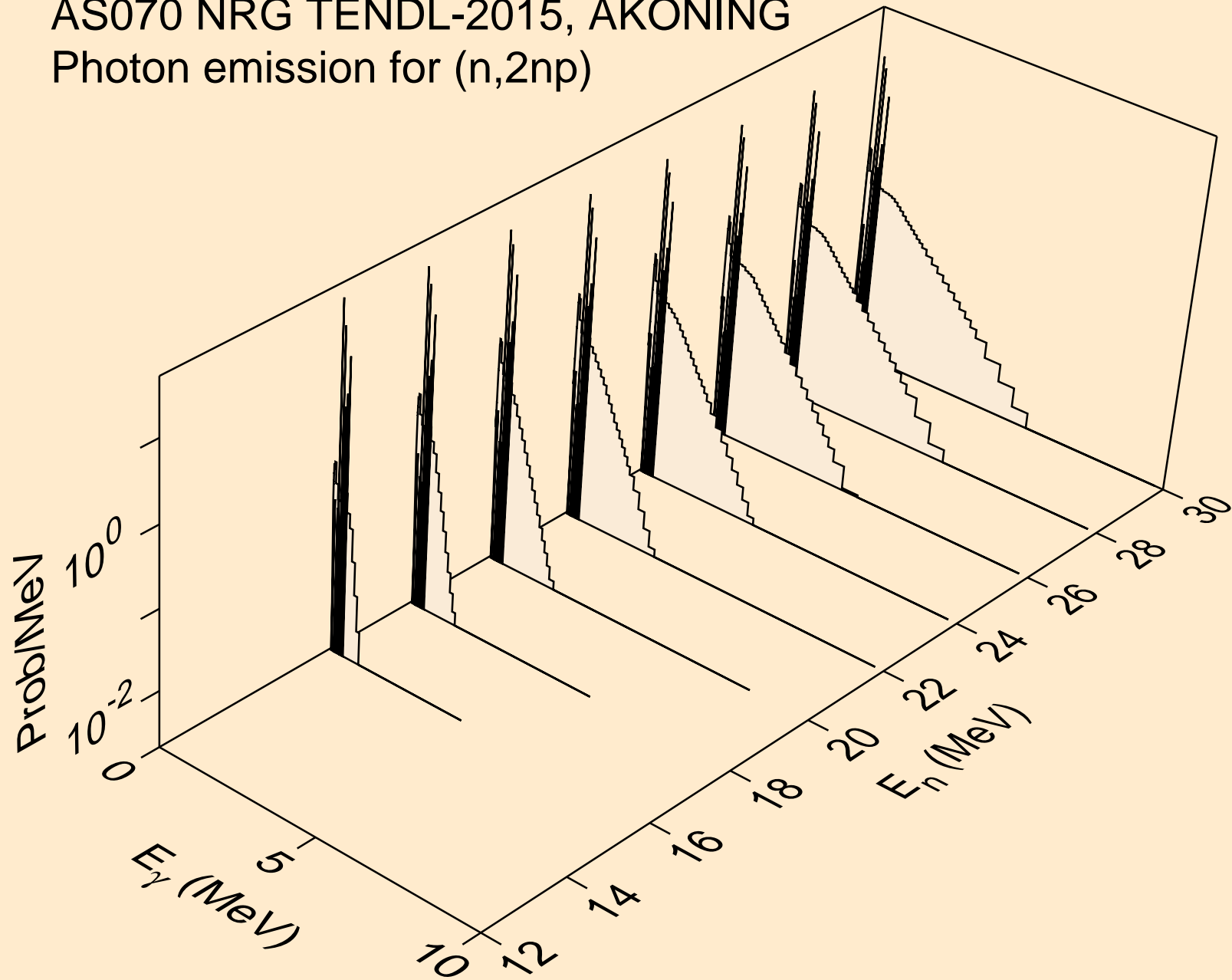




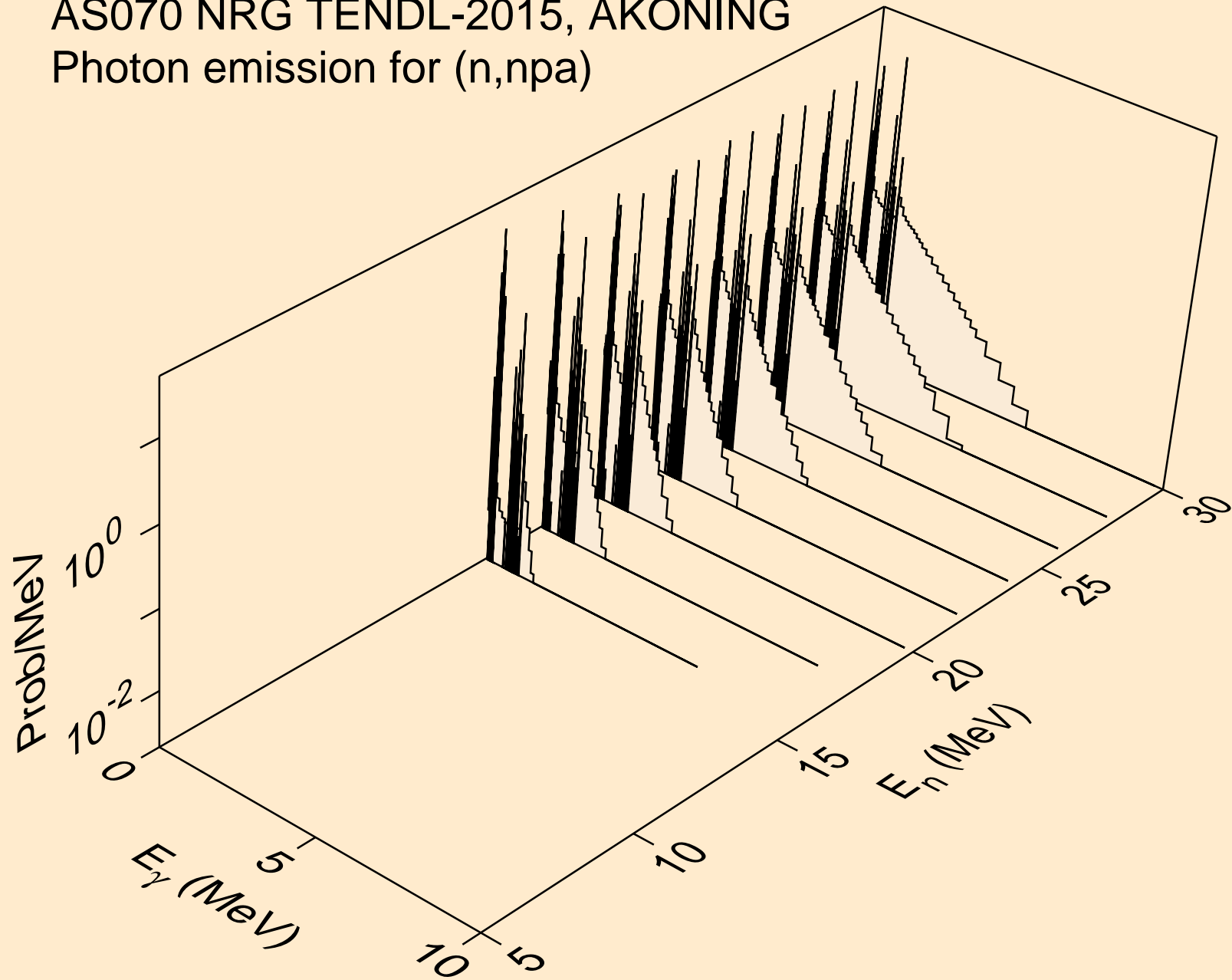
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Photon emission for (n,3np)



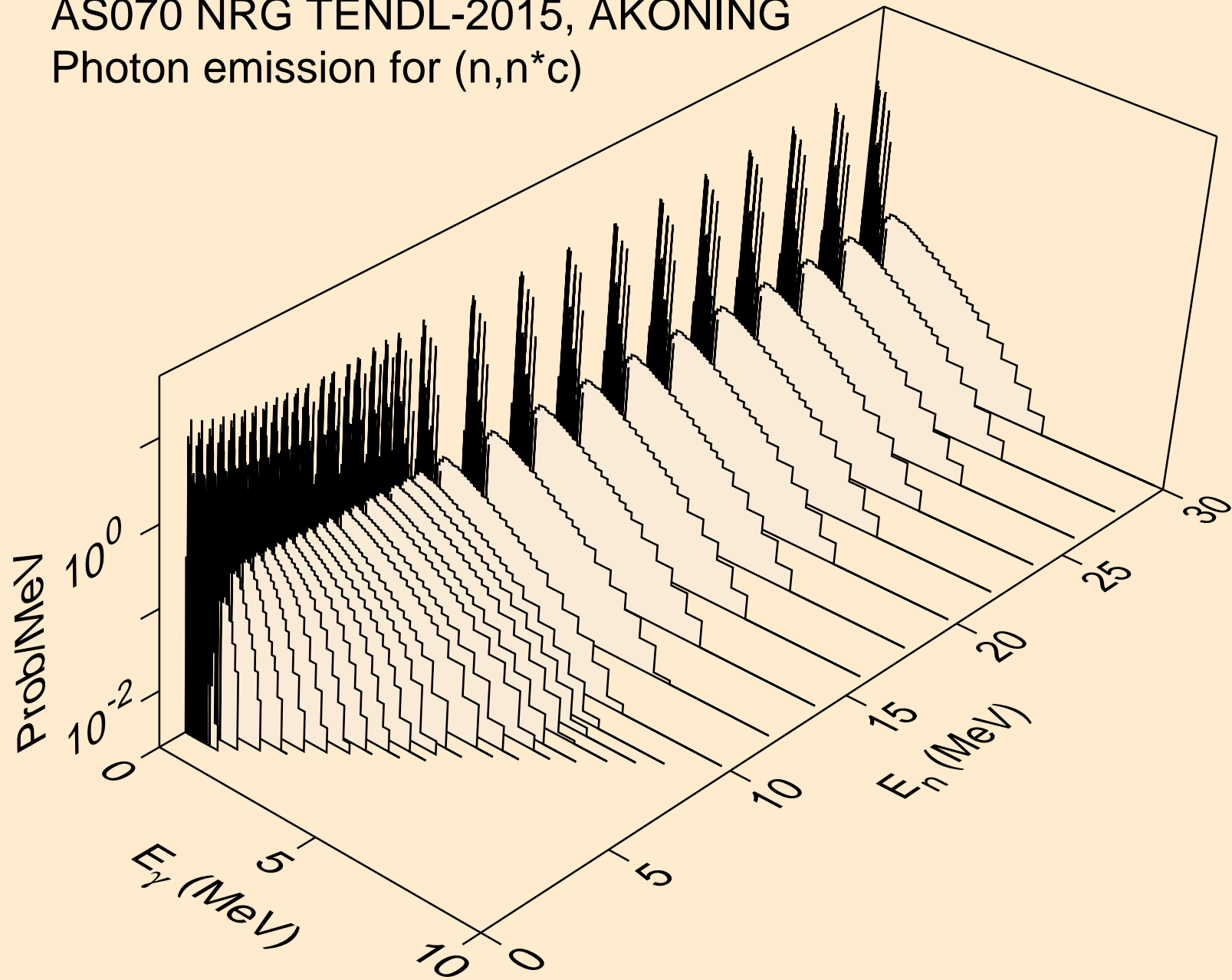
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Photon emission for (n,2np)



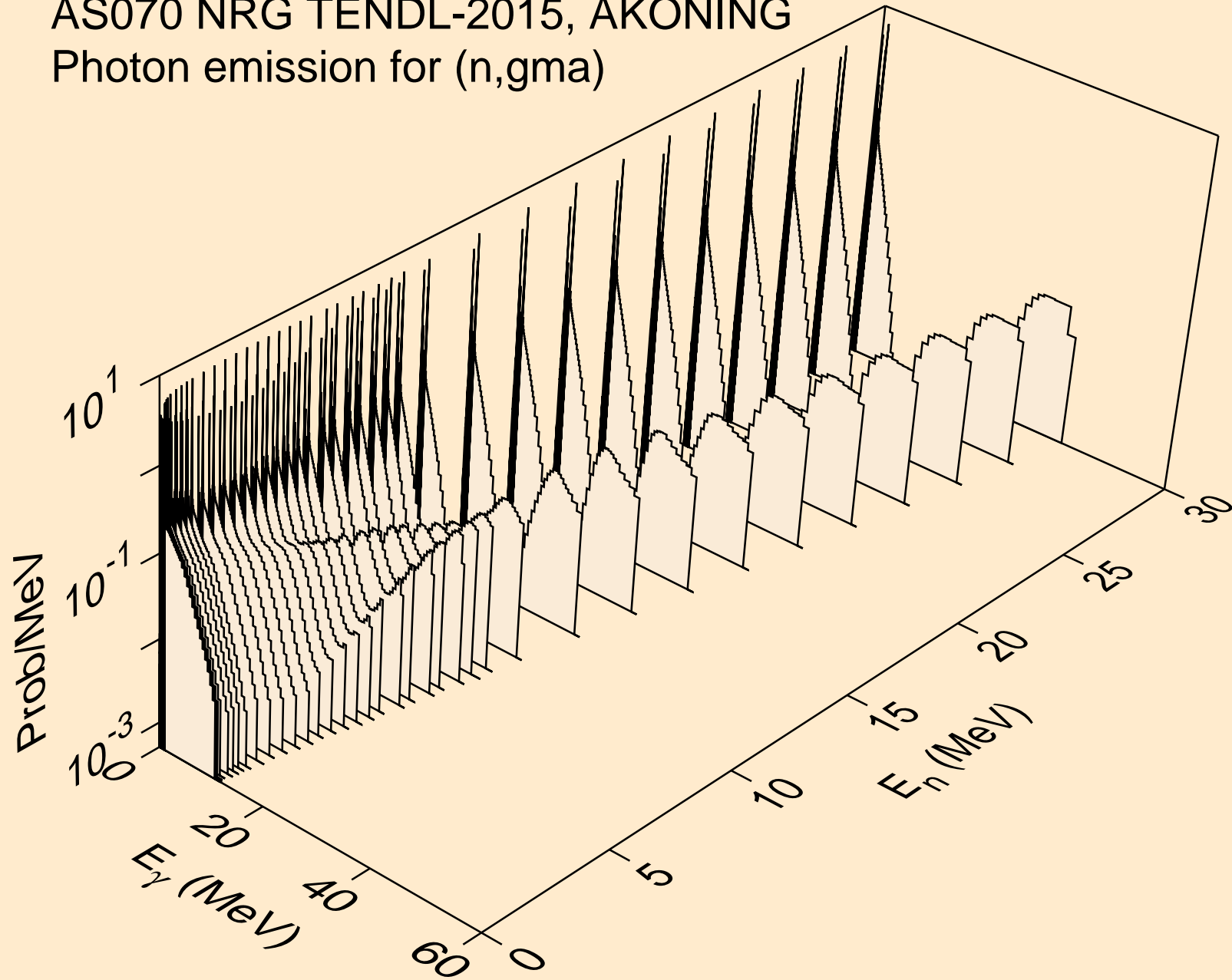
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Photon emission for (n,npa)



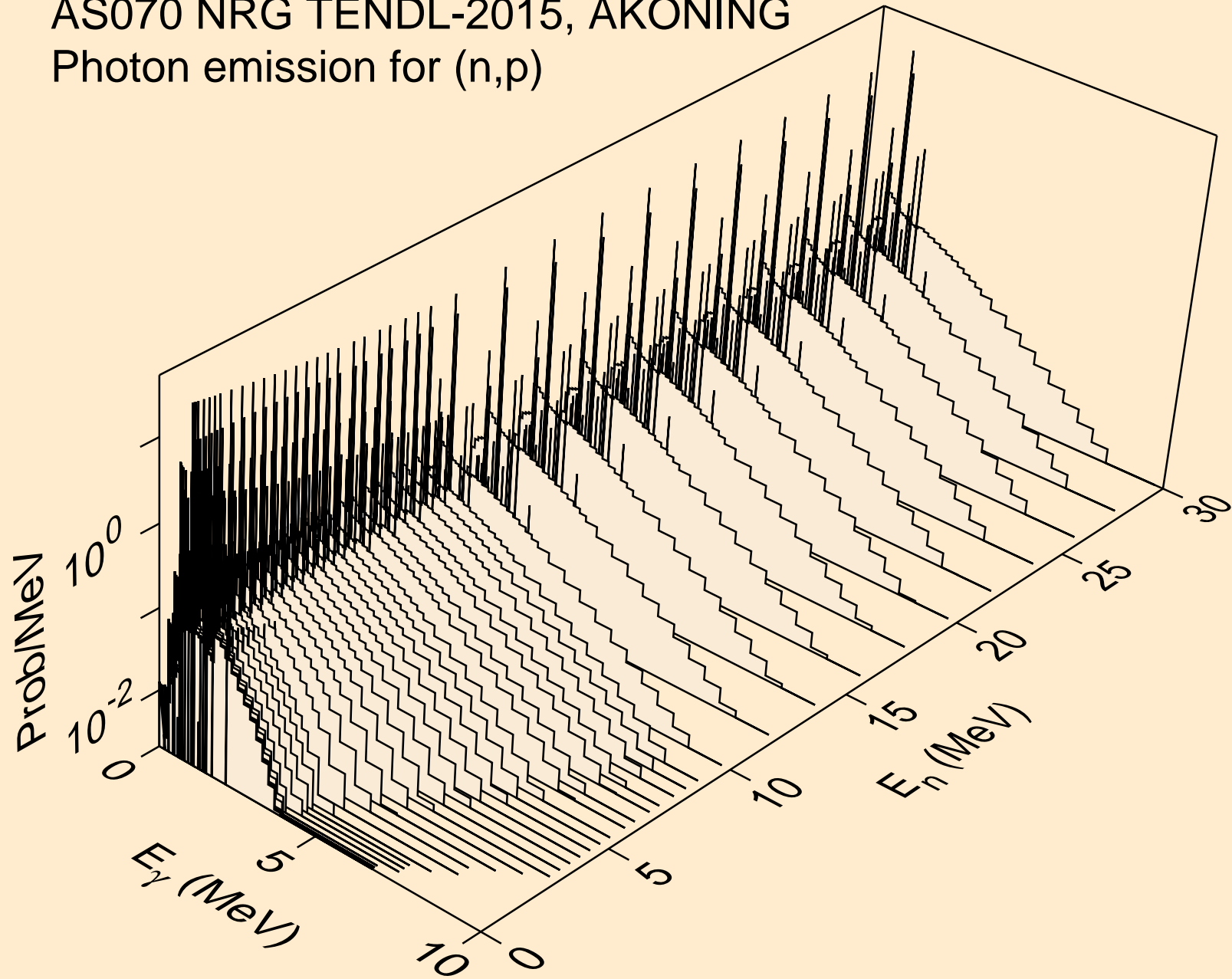
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Photon emission for (n,n\*c)



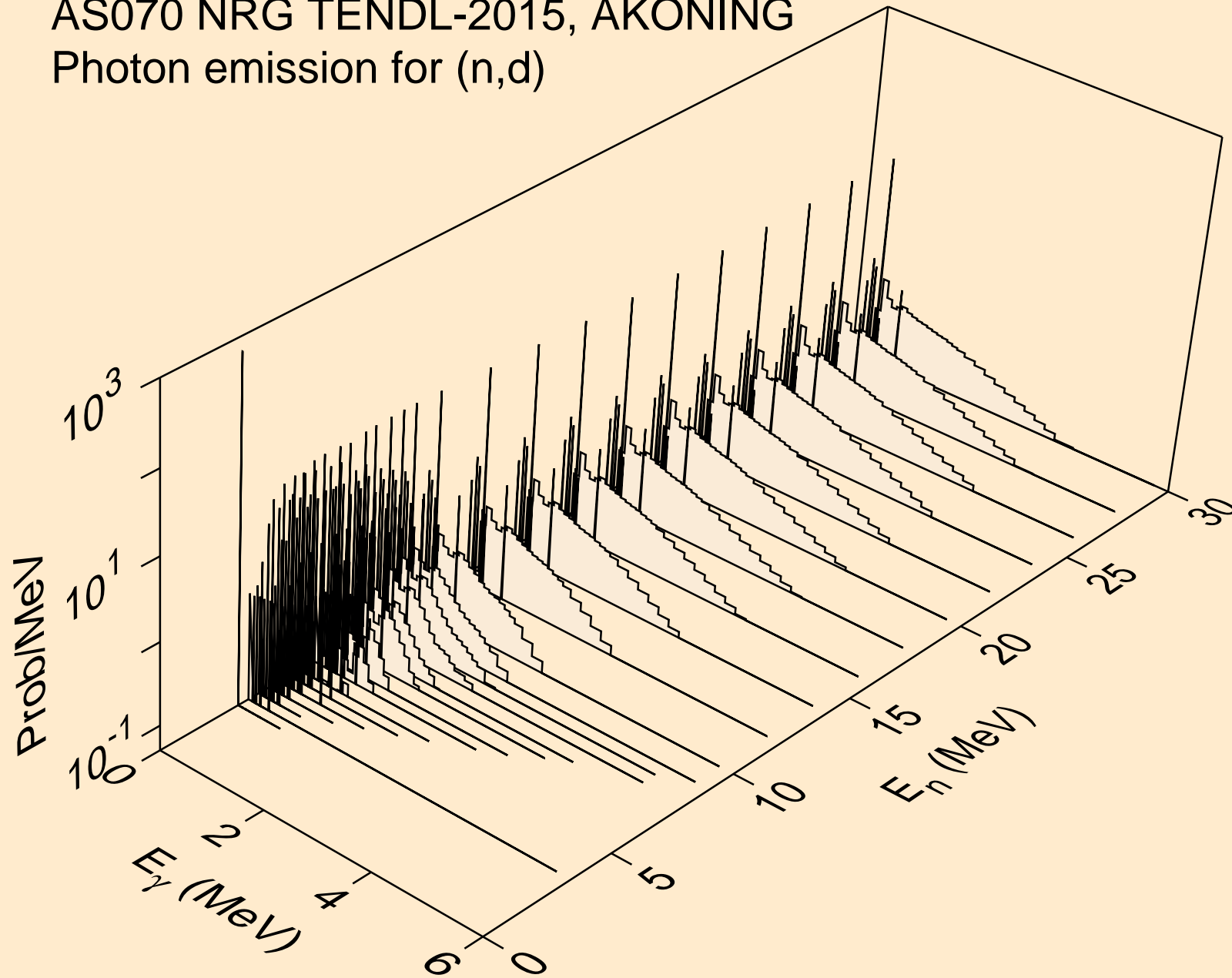
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Photon emission for (n,gma)



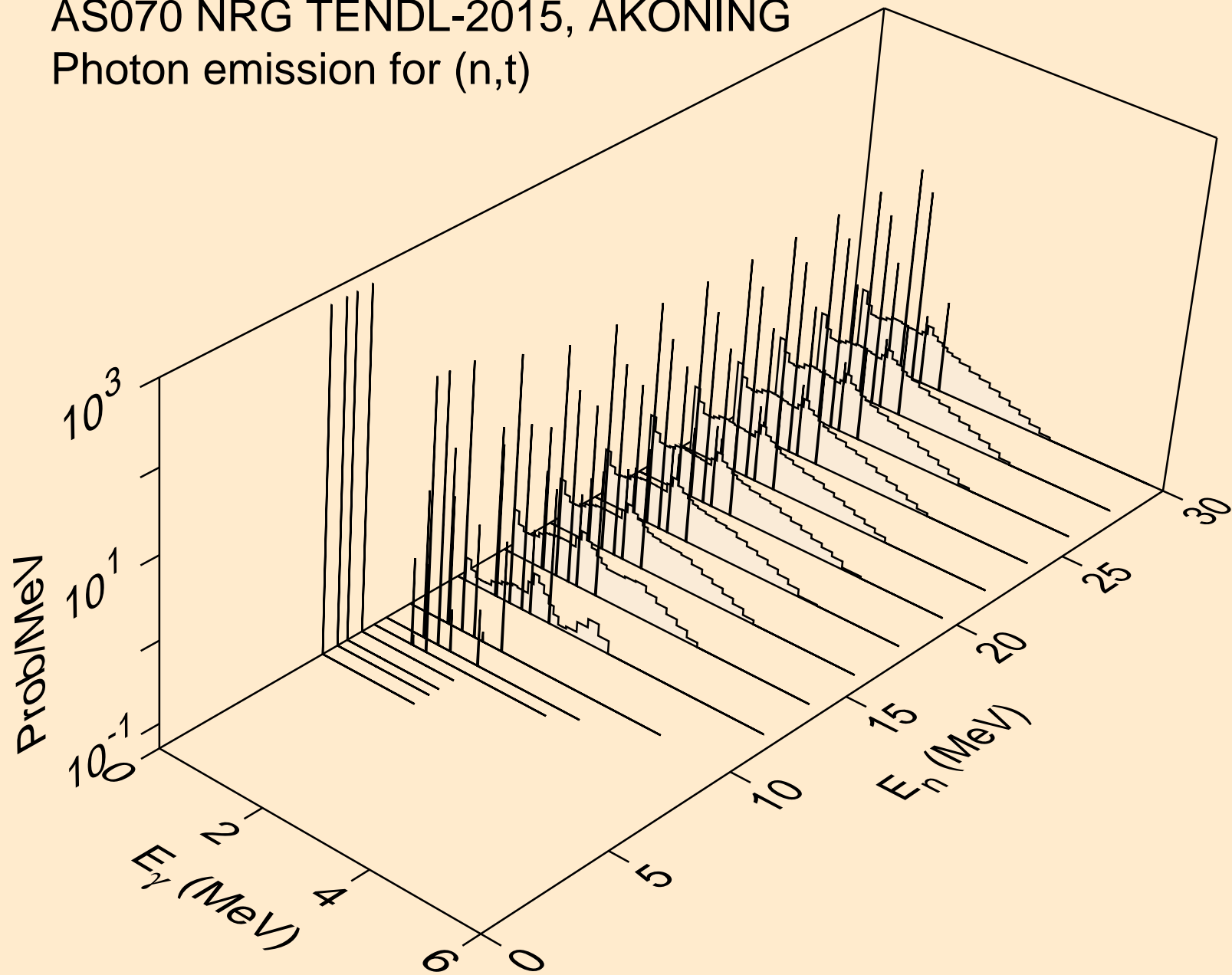
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

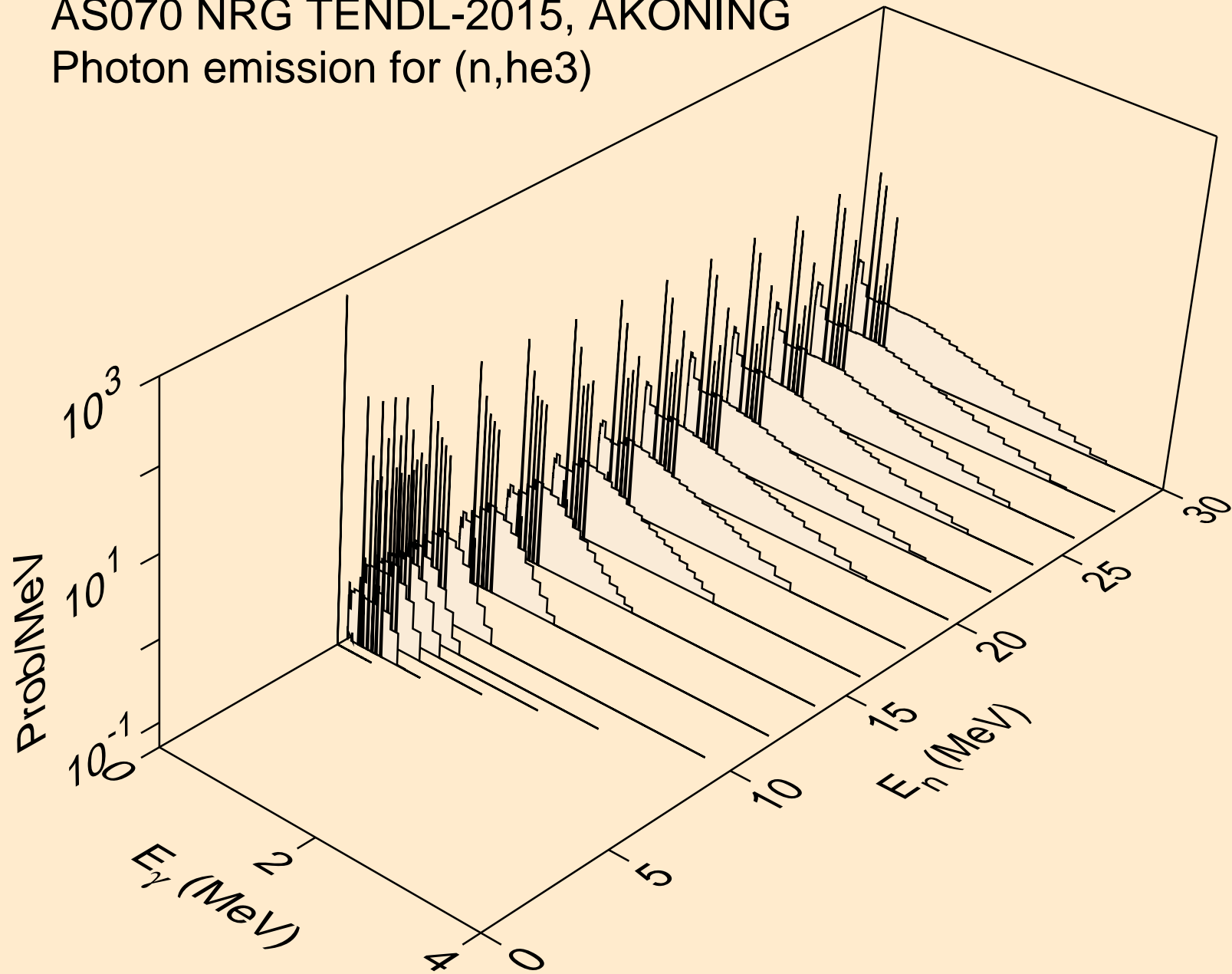


AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

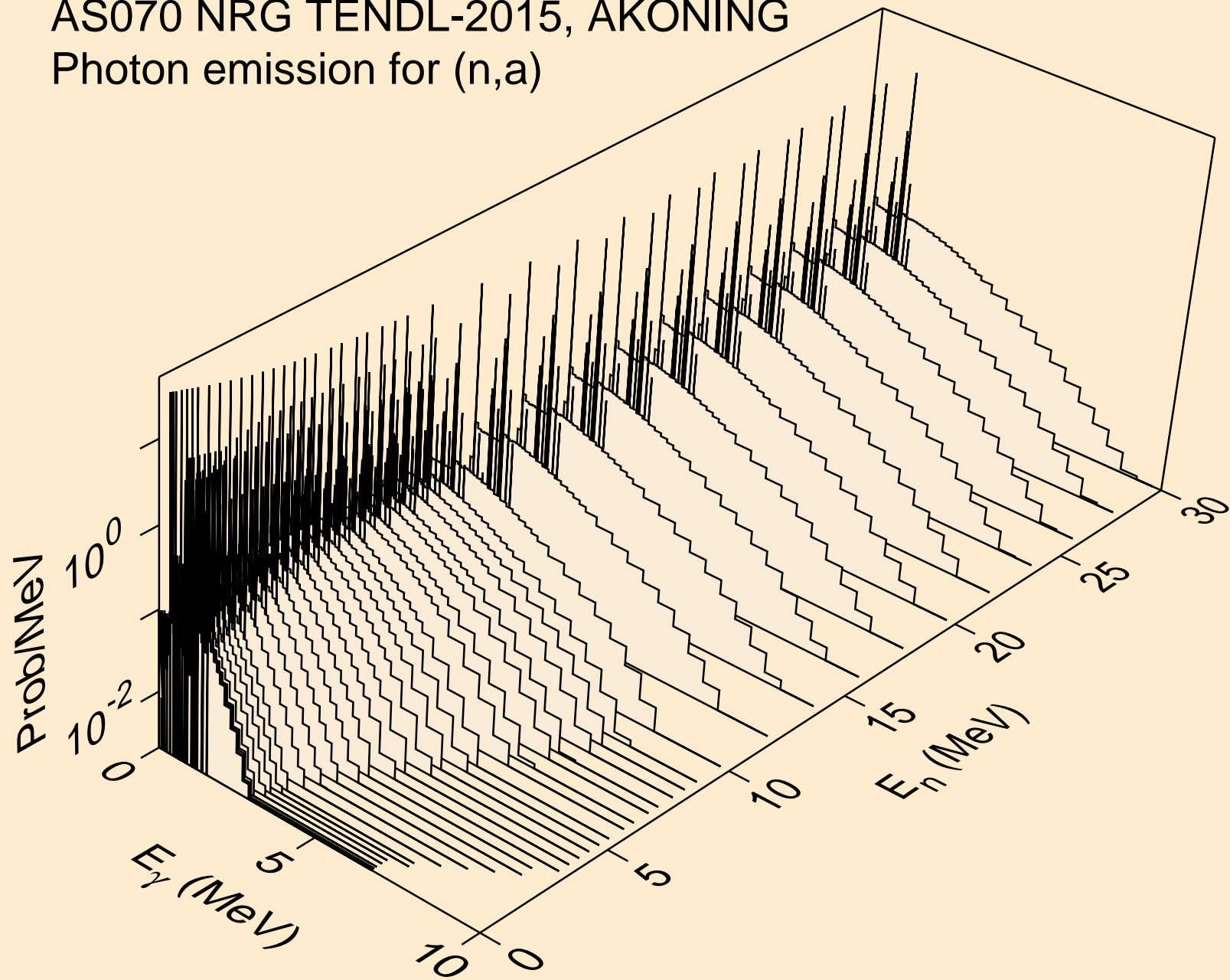




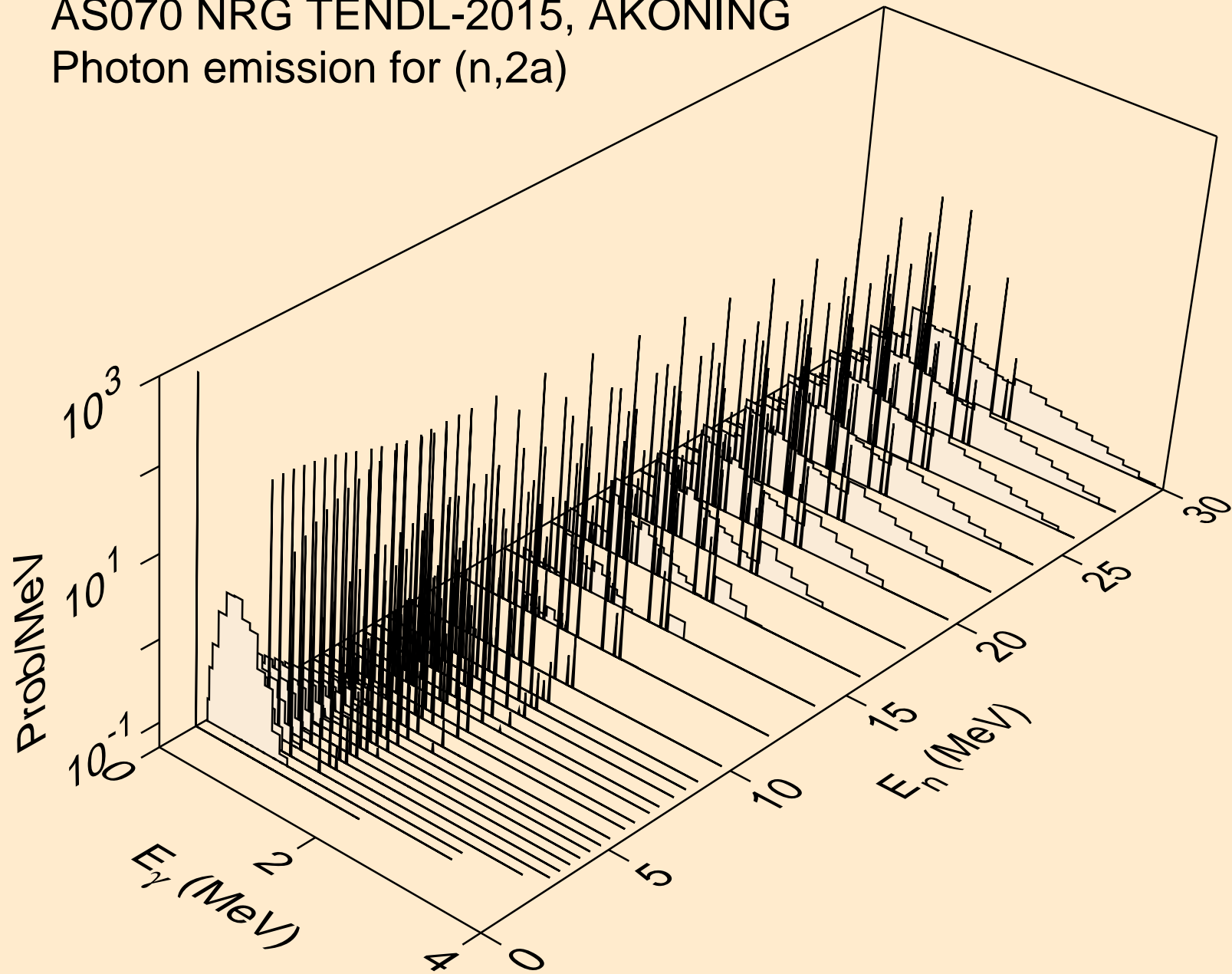
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Photon emission for (n,he3)



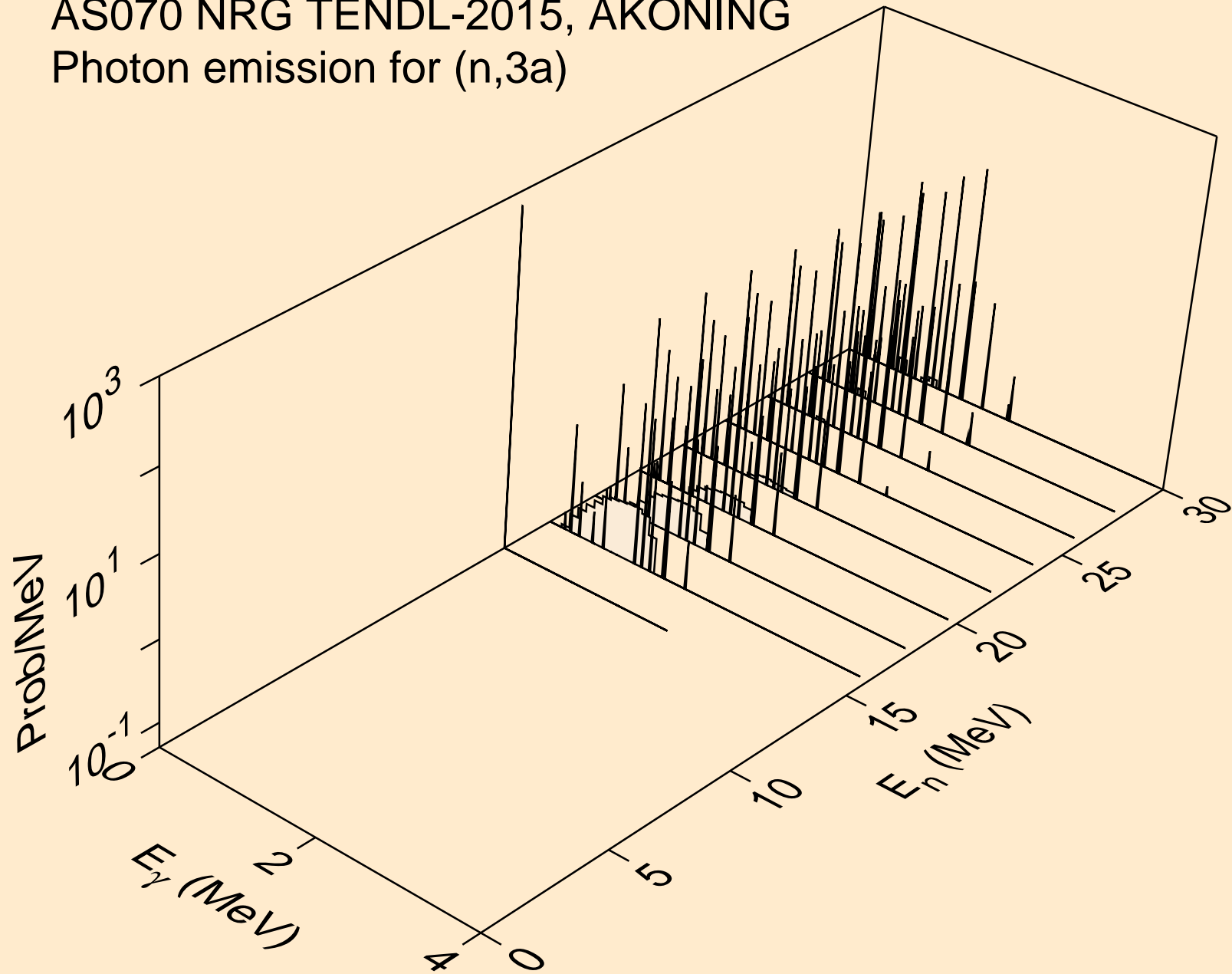
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Photon emission for (n,a)



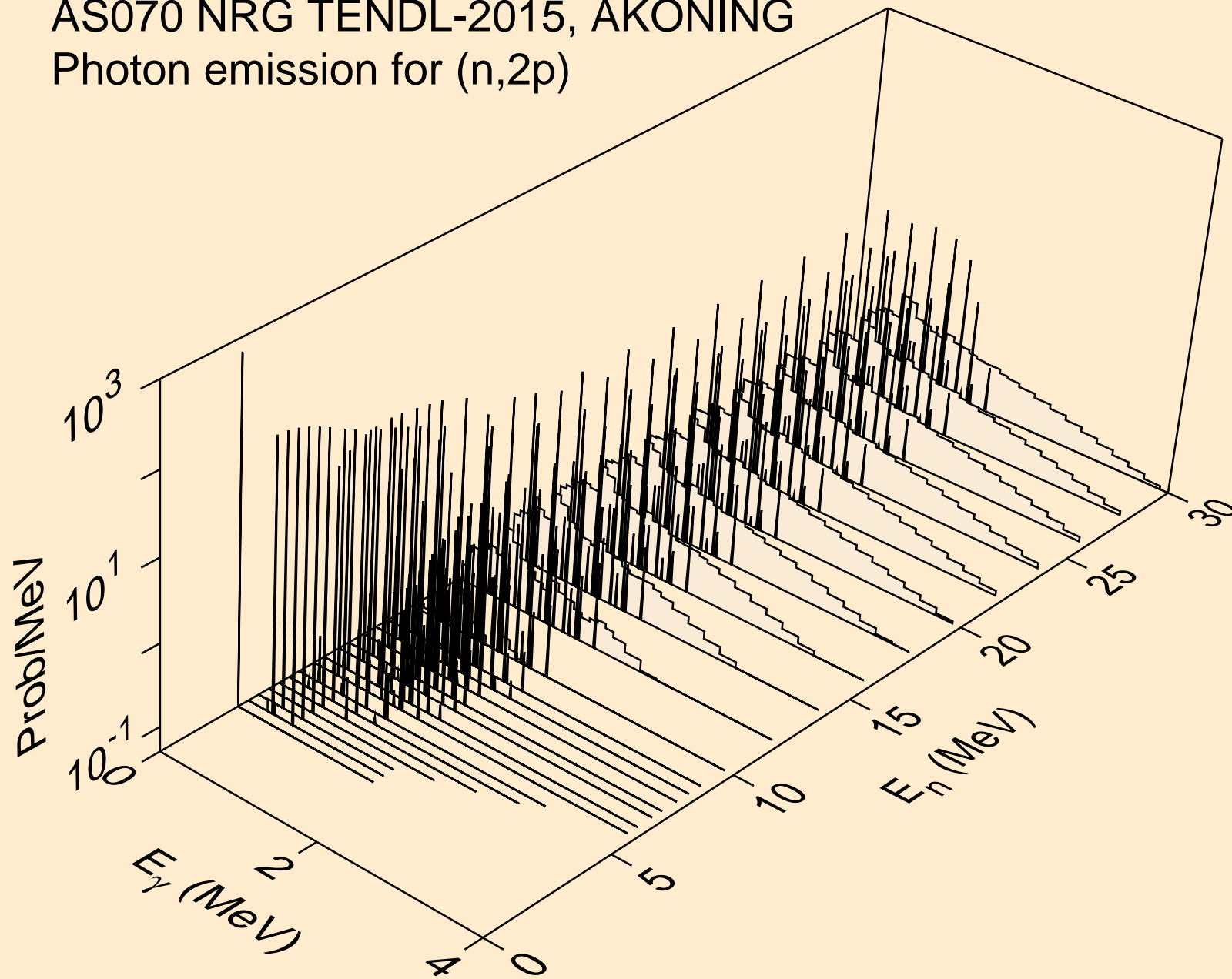
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



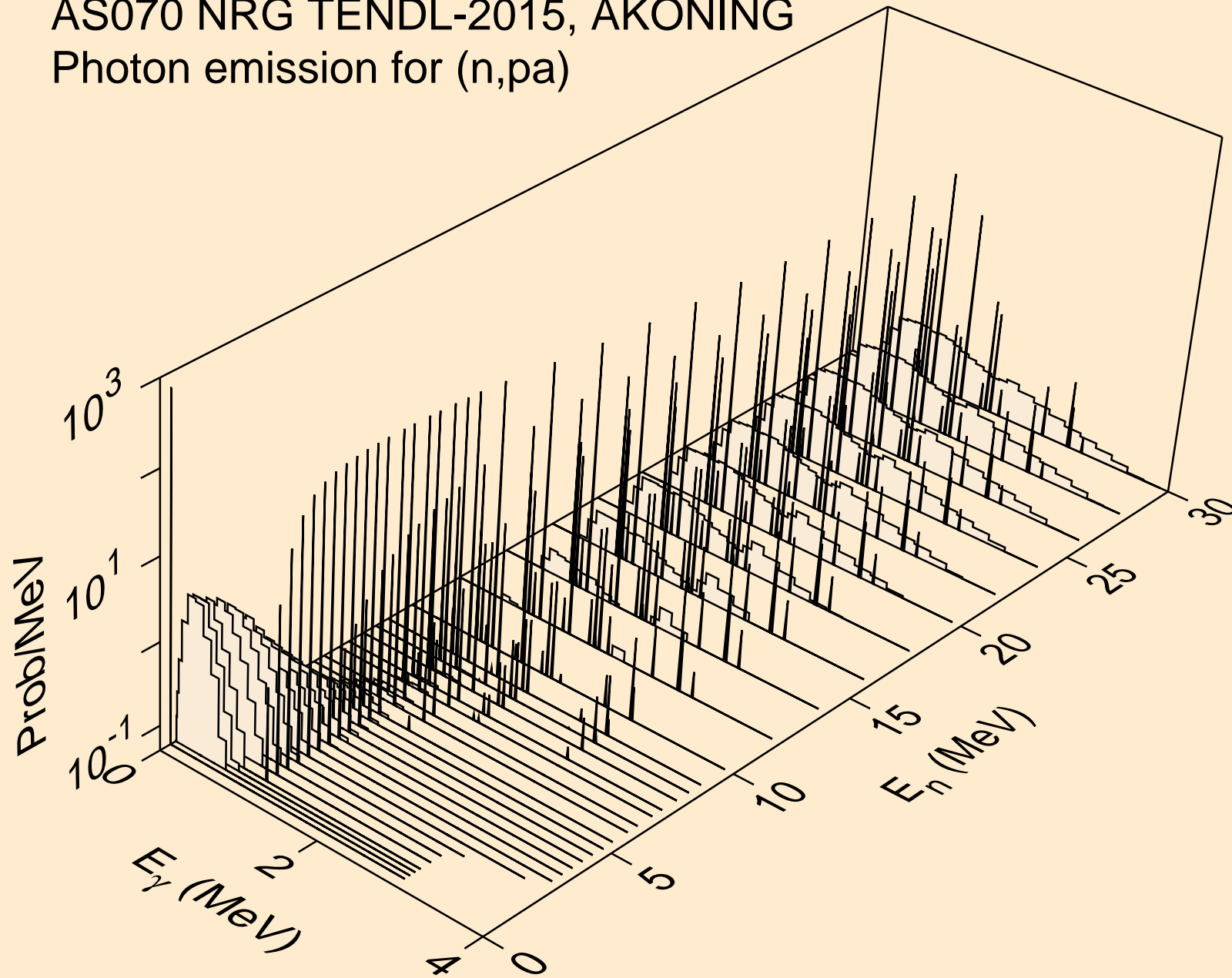
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Photon emission for (n,3a)



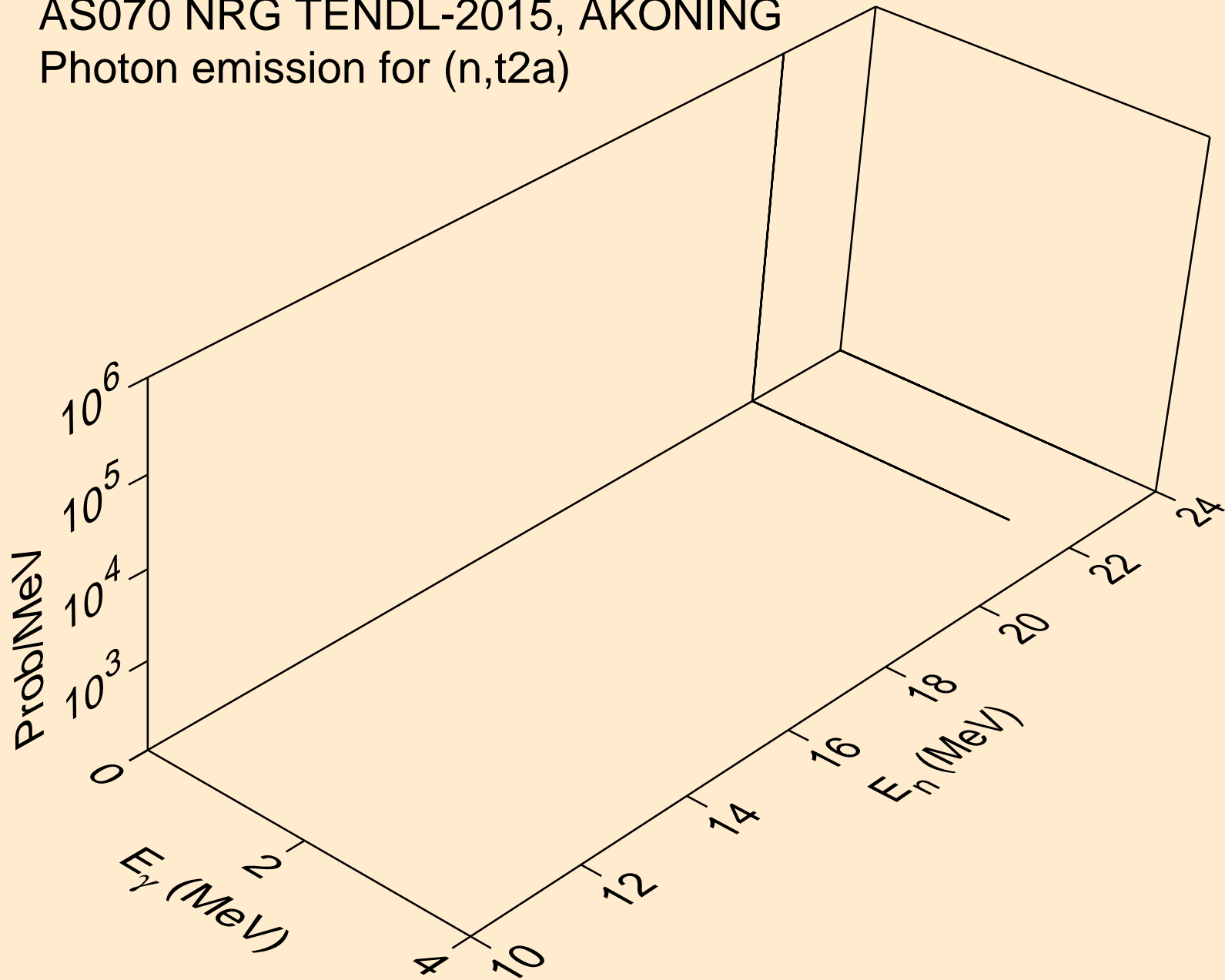
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Photon emission for (n,2p)



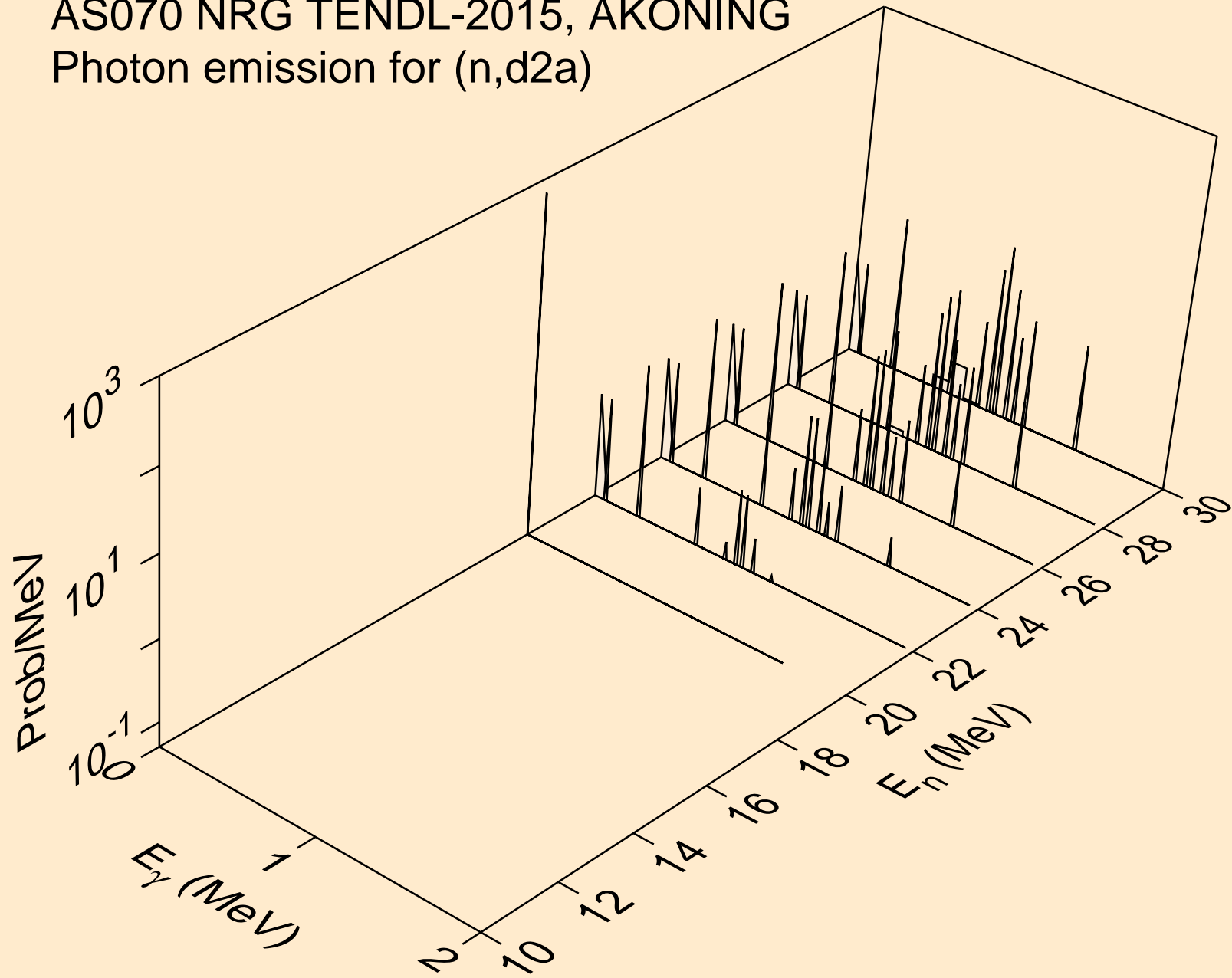
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

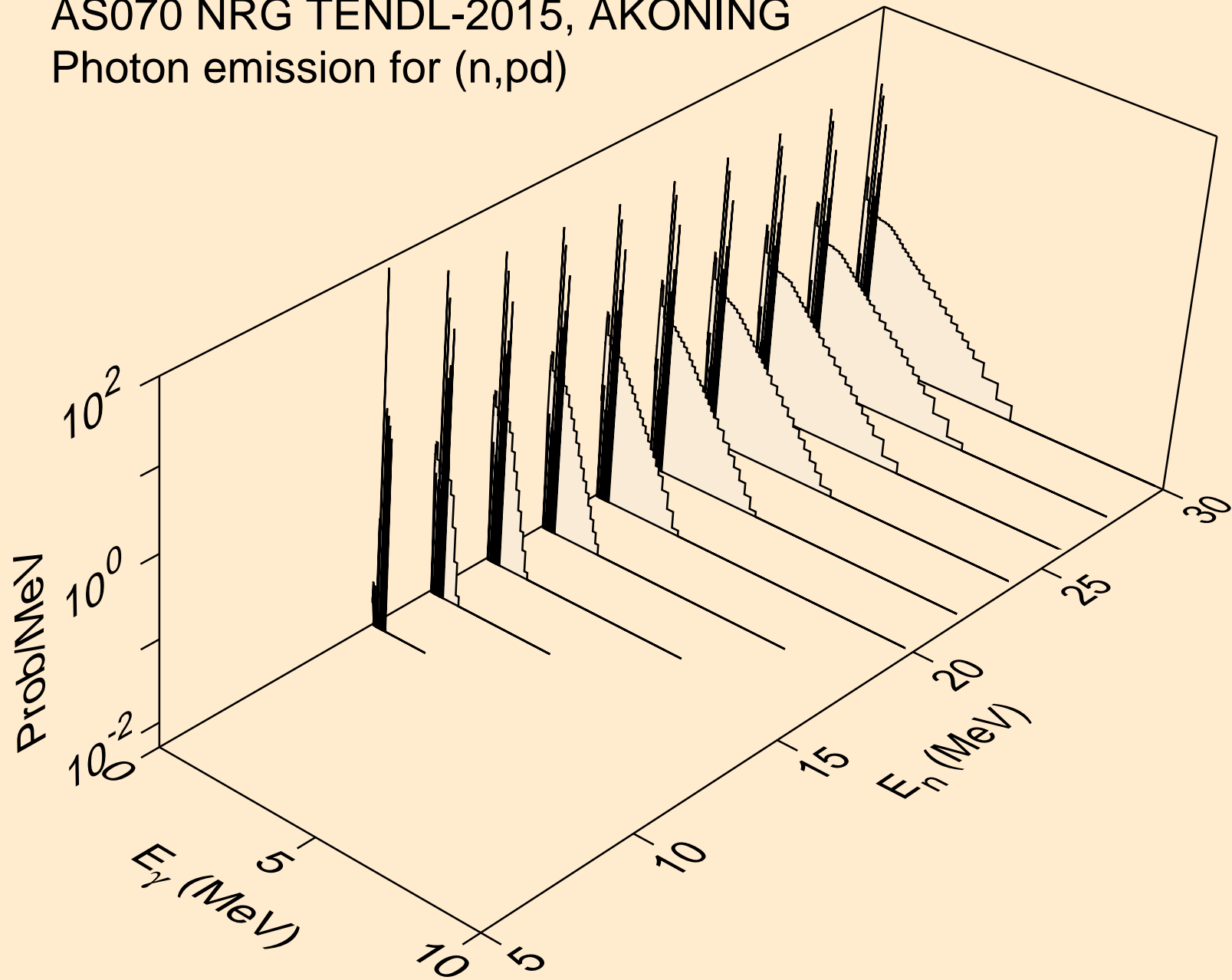


AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

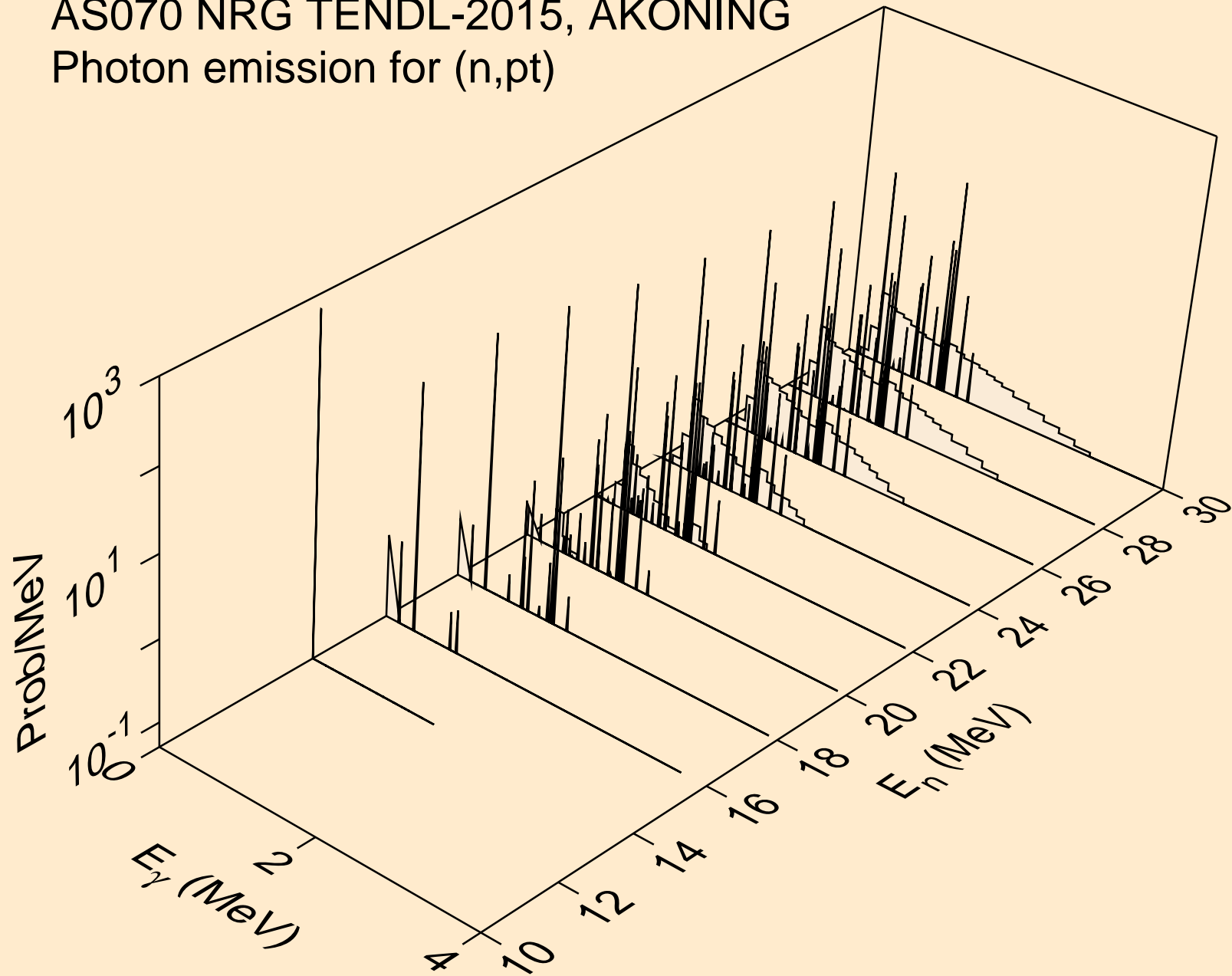




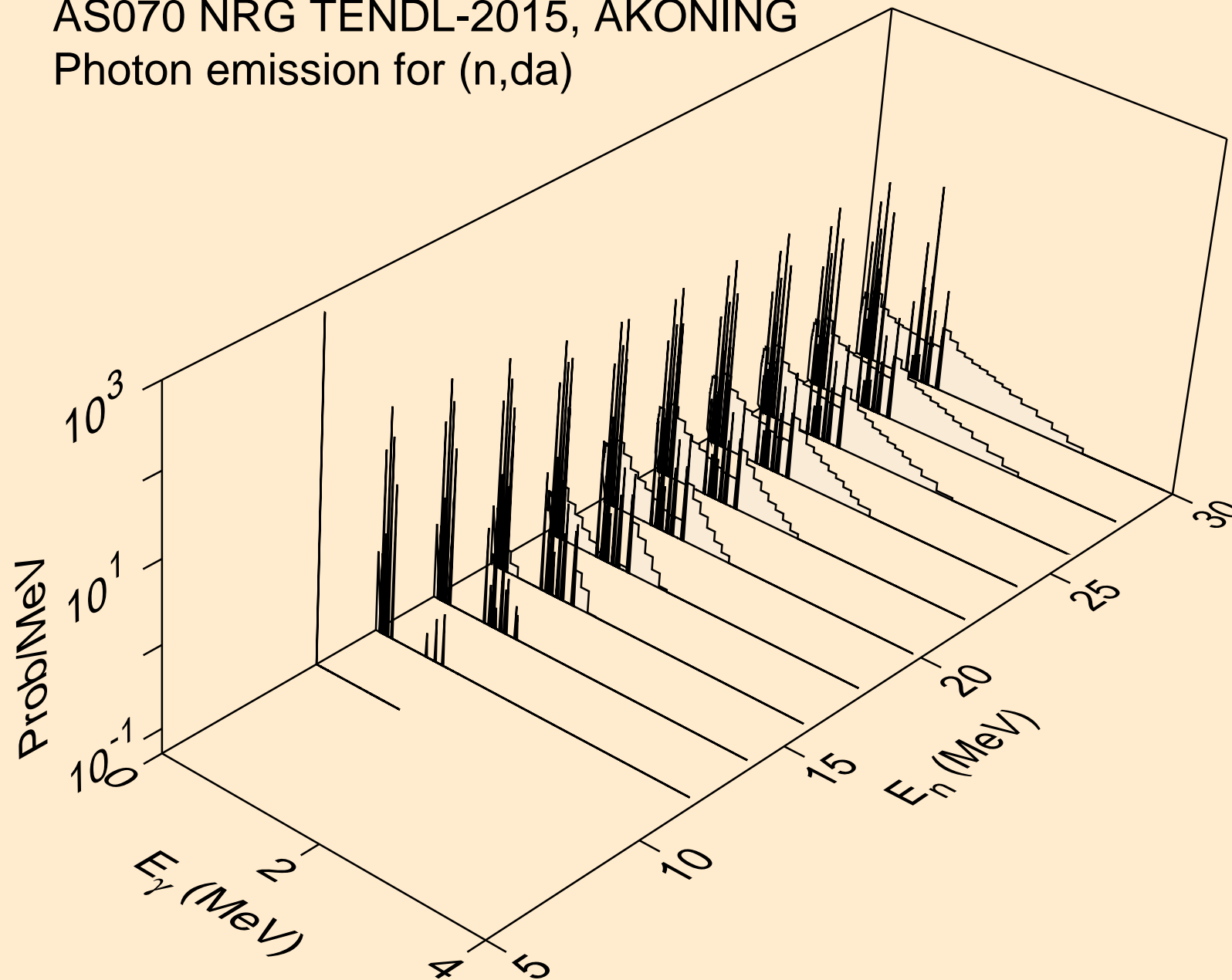
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



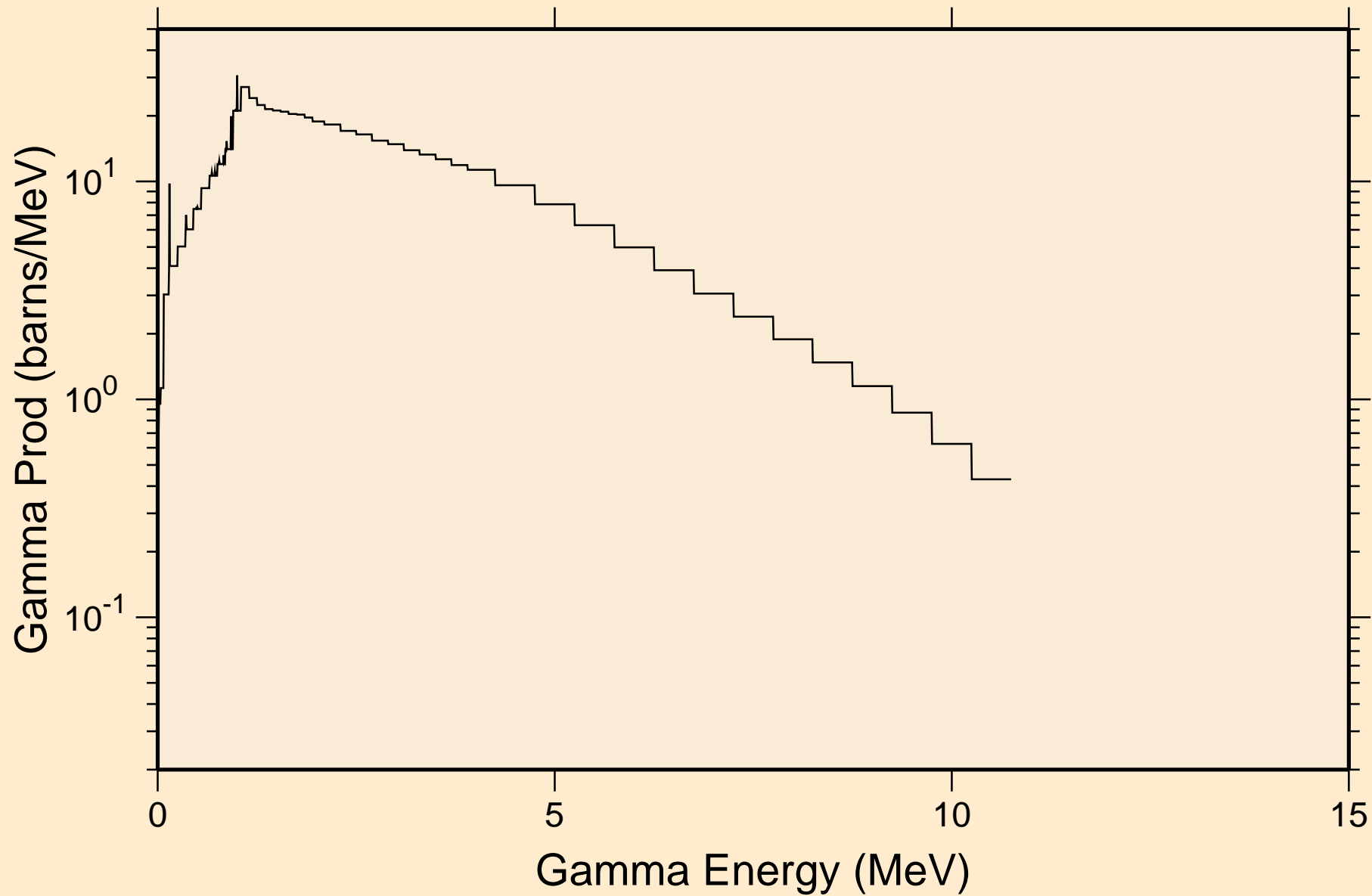
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



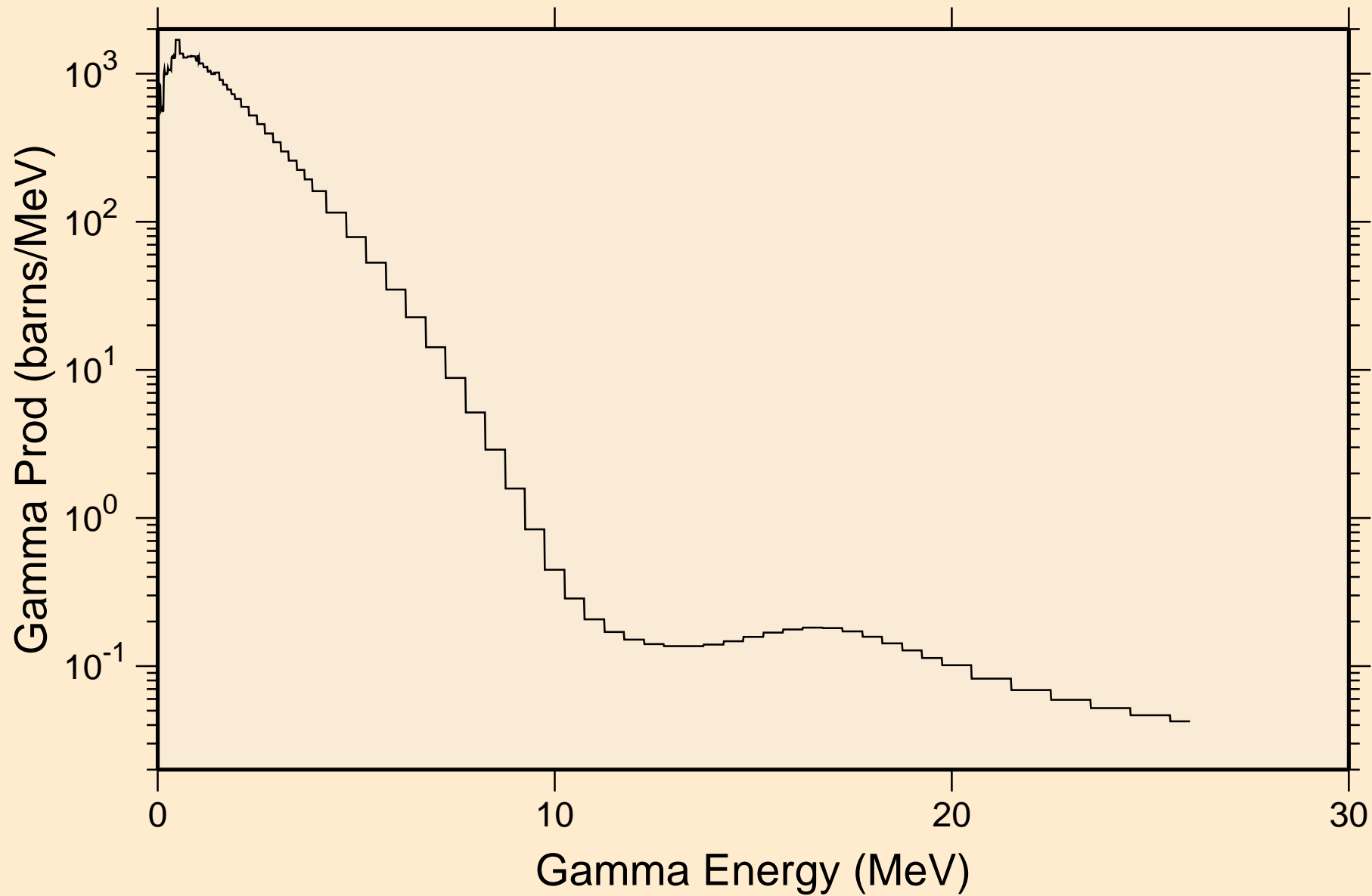
AS070 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AS070 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

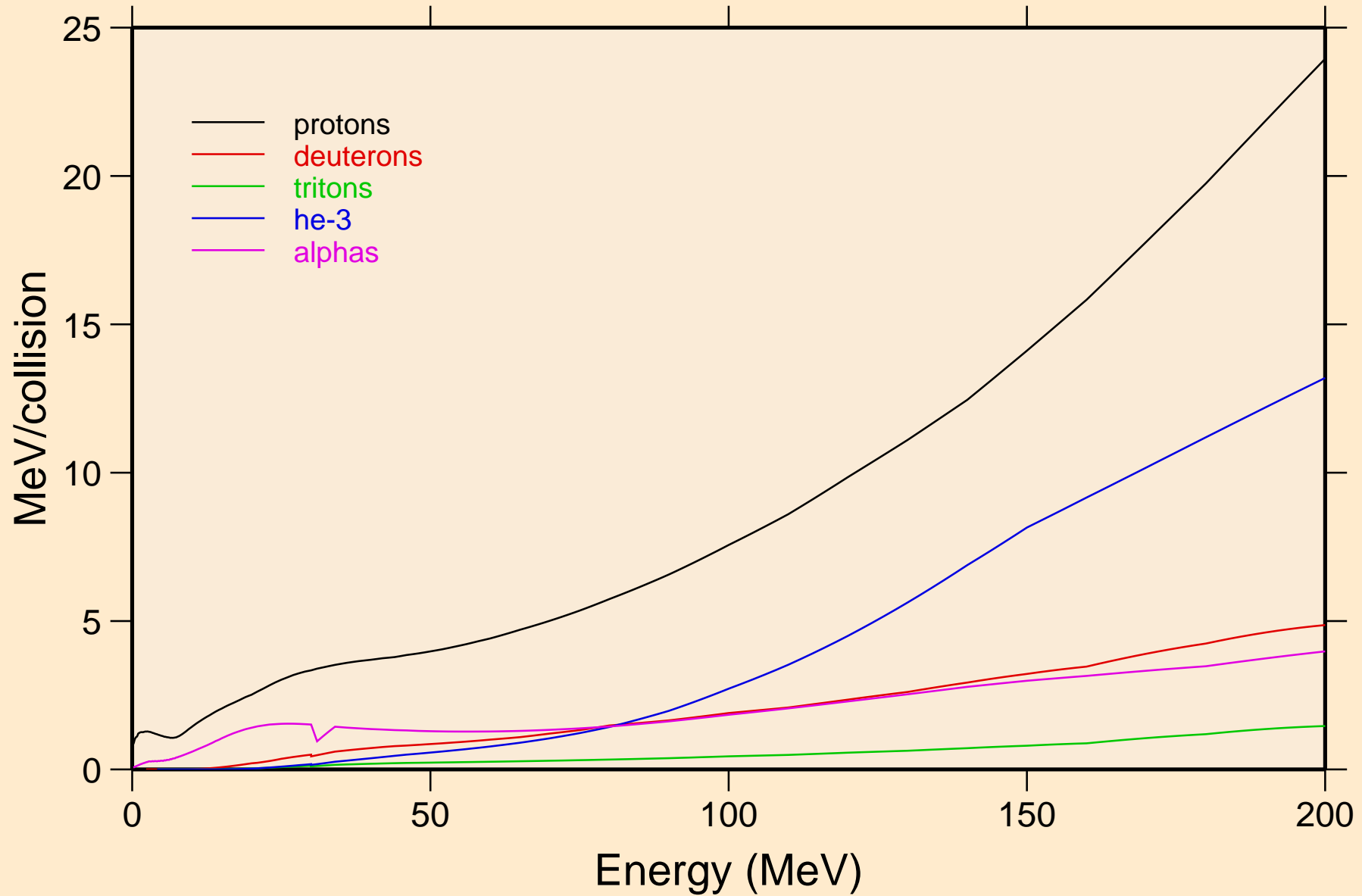


AS070 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



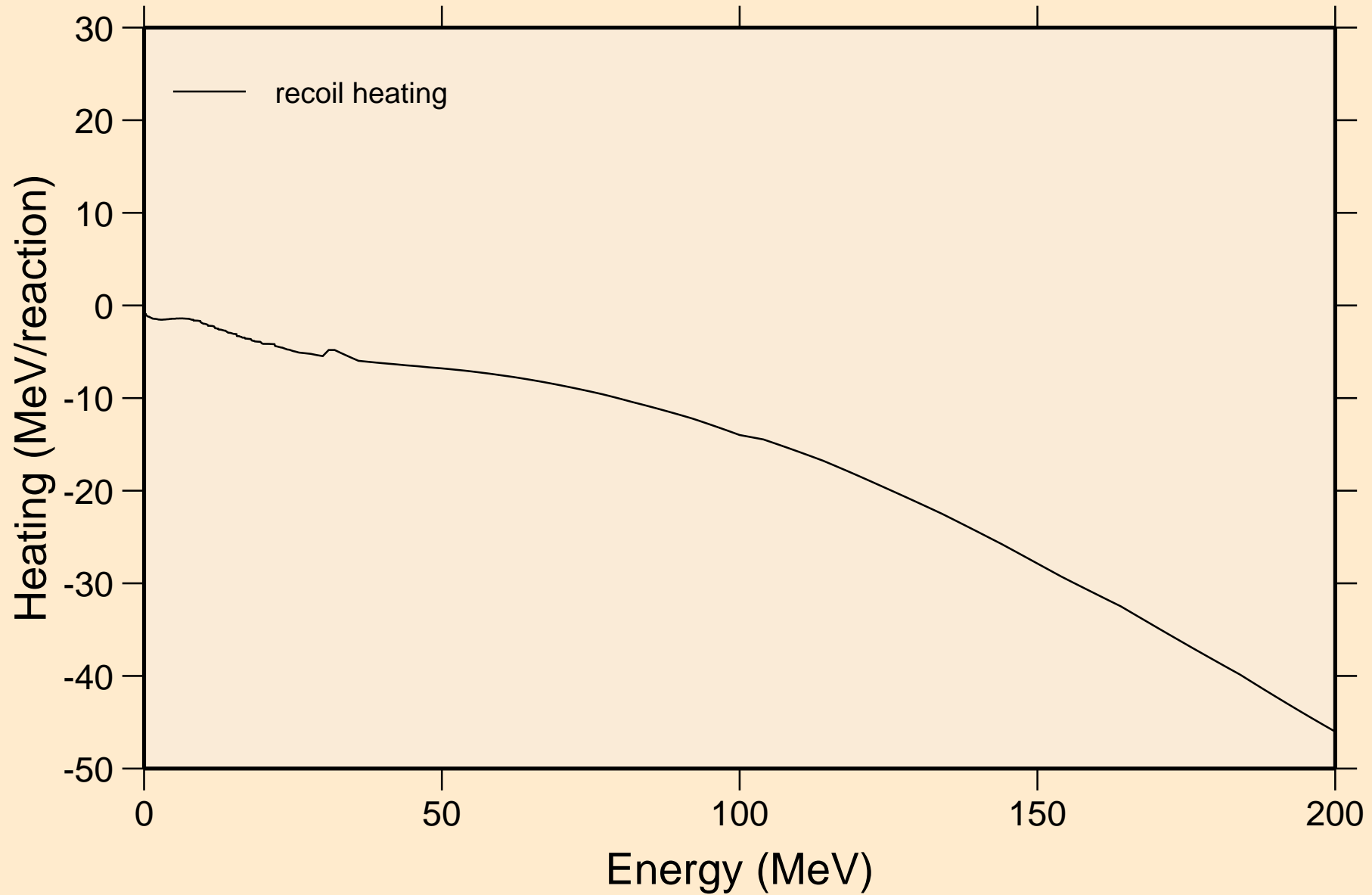
# AS070 NRG TENDL-2015, AKONING

## Particle heating contributions



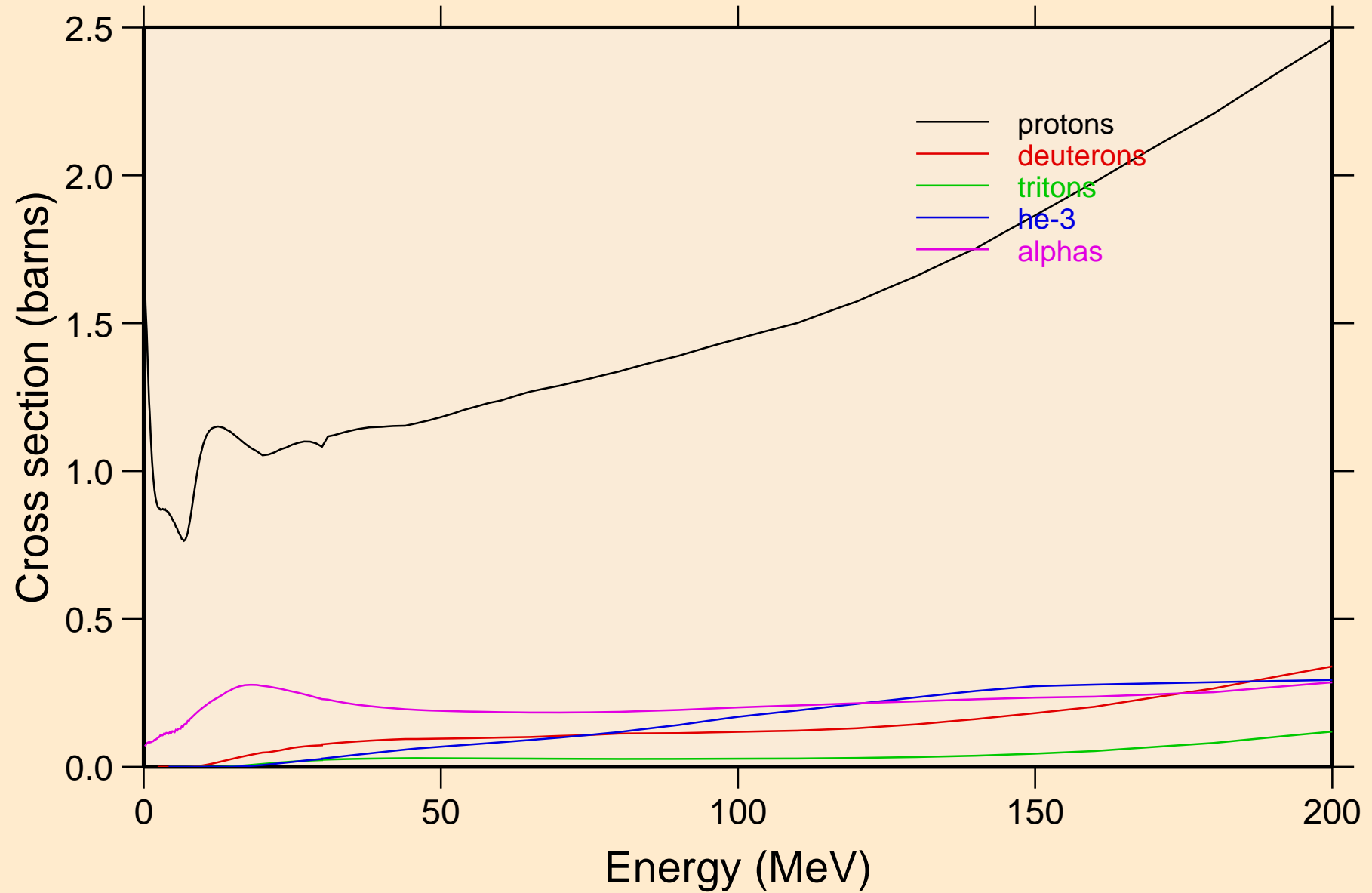
# AS070 NRG TENDL-2015, AKONING

## Recoil Heating



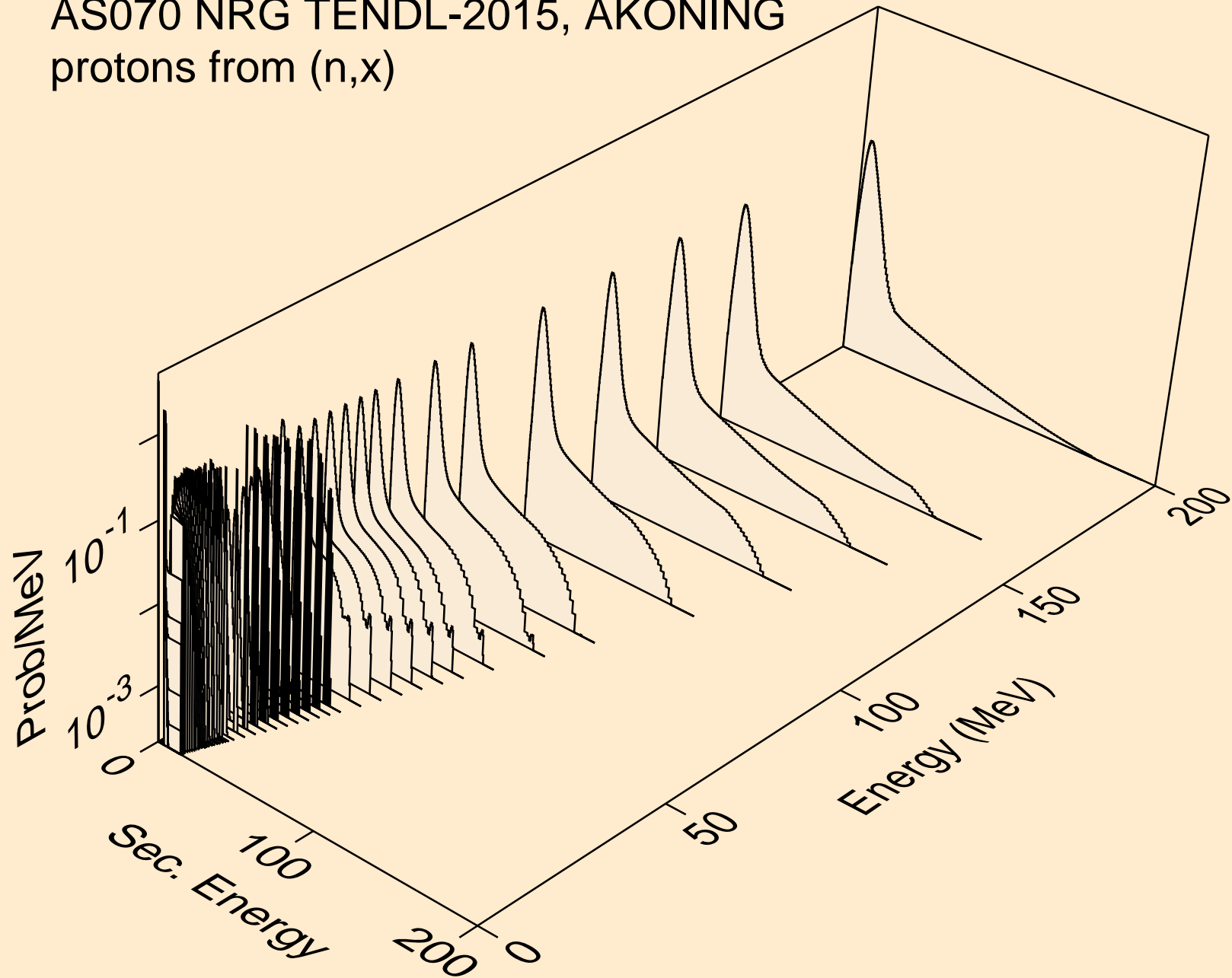
# AS070 NRG TENDL-2015, AKONING

## Particle production cross sections

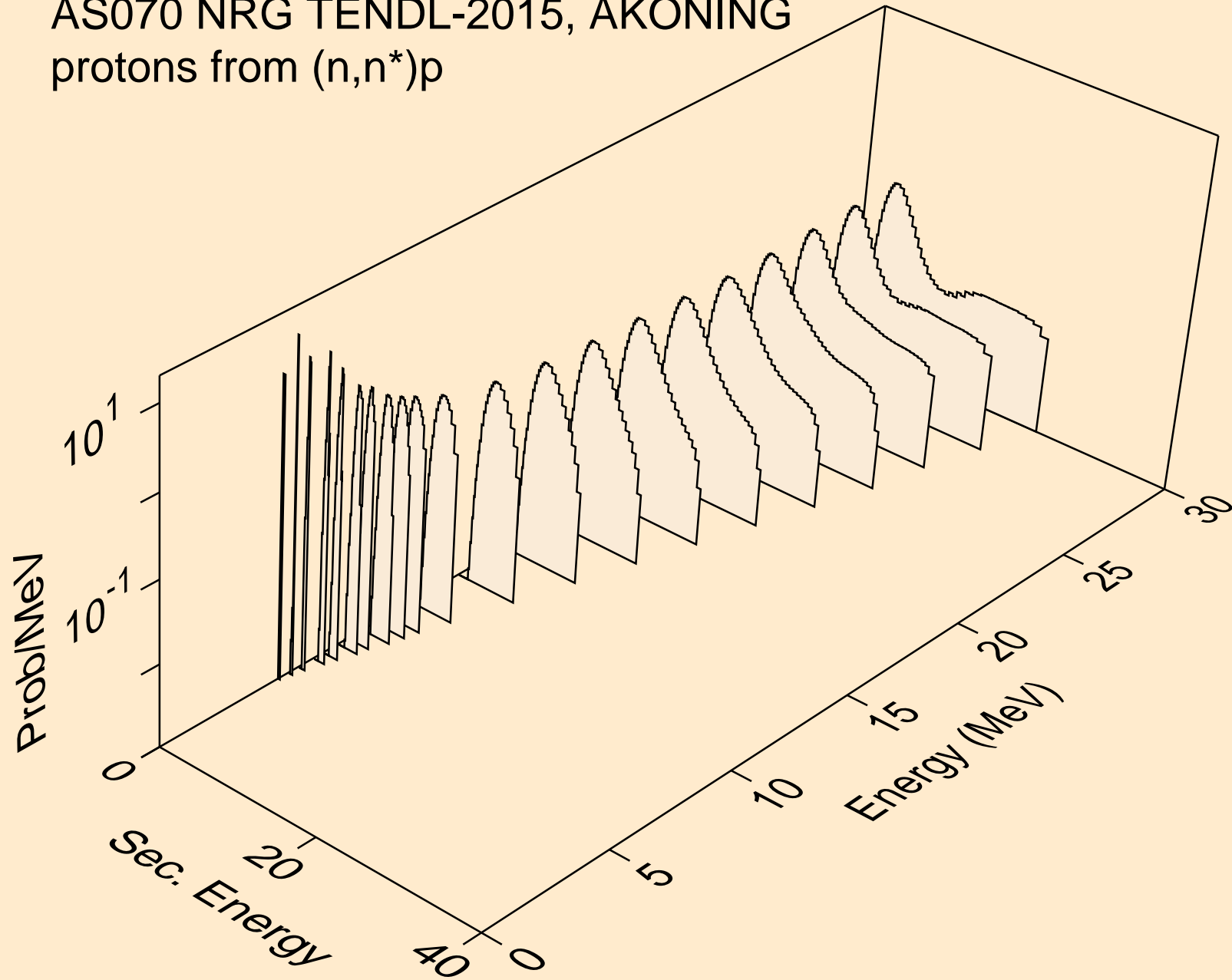




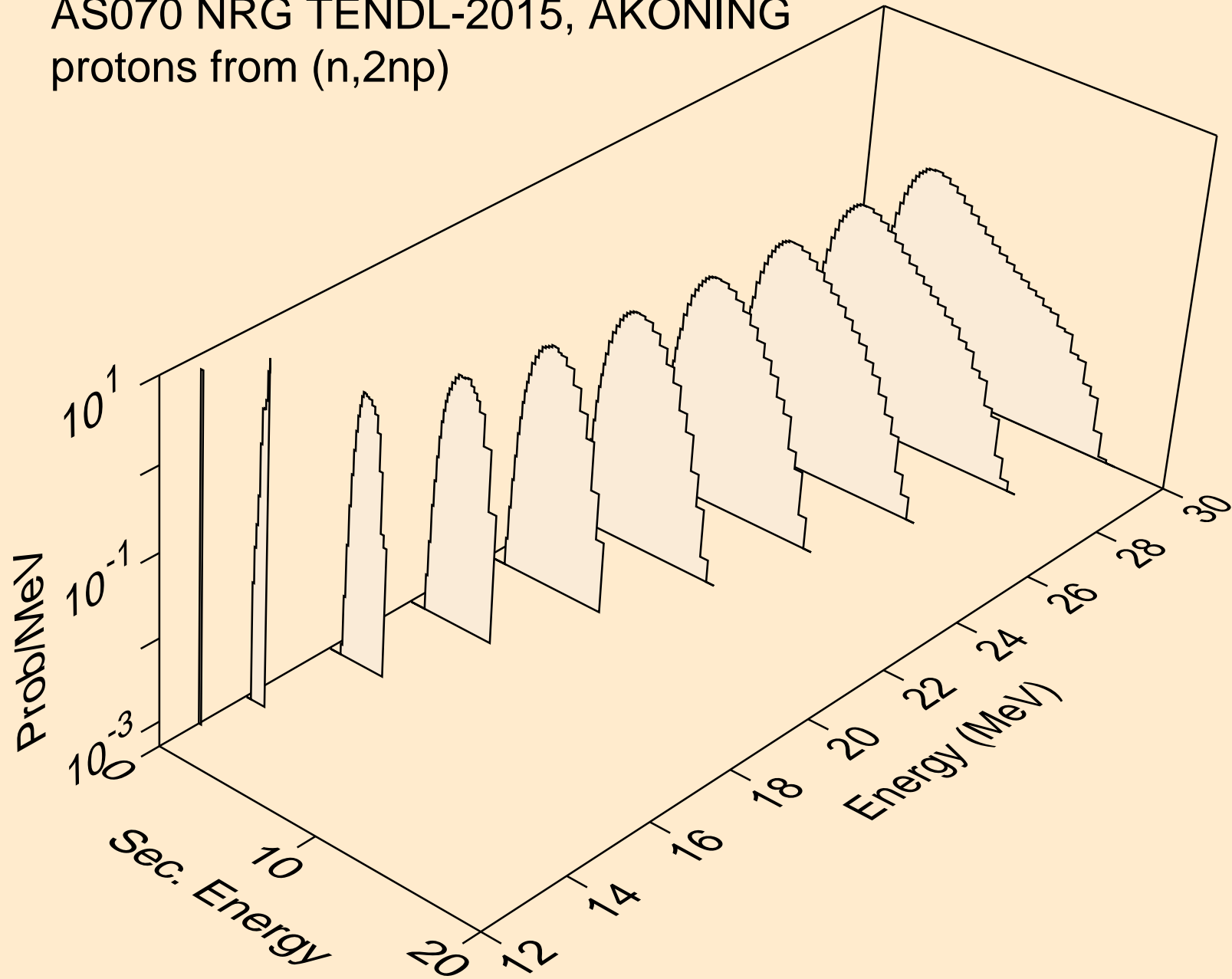
AS070 NRG TENDL-2015, AKONING  
protons from (n,x)



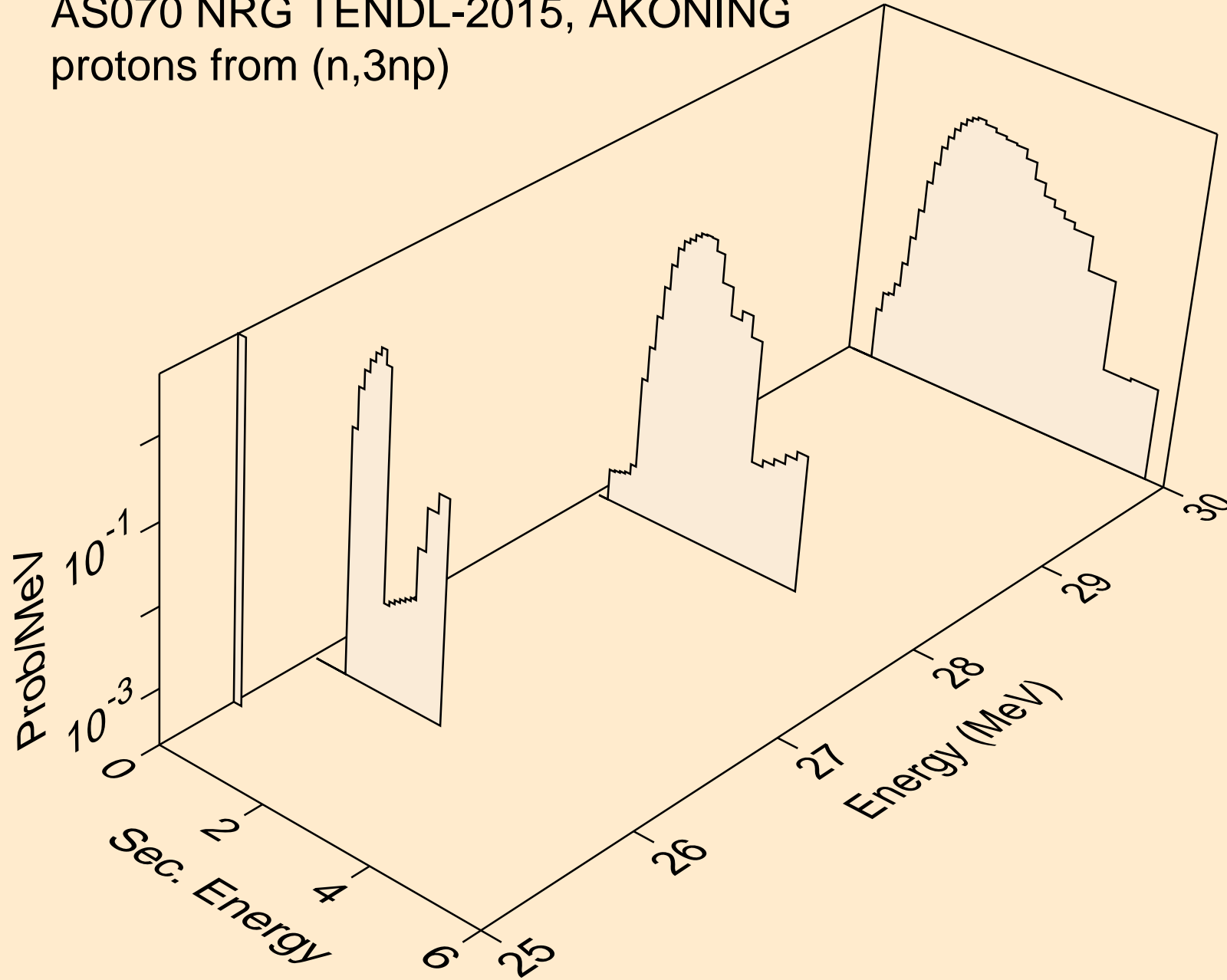
AS070 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



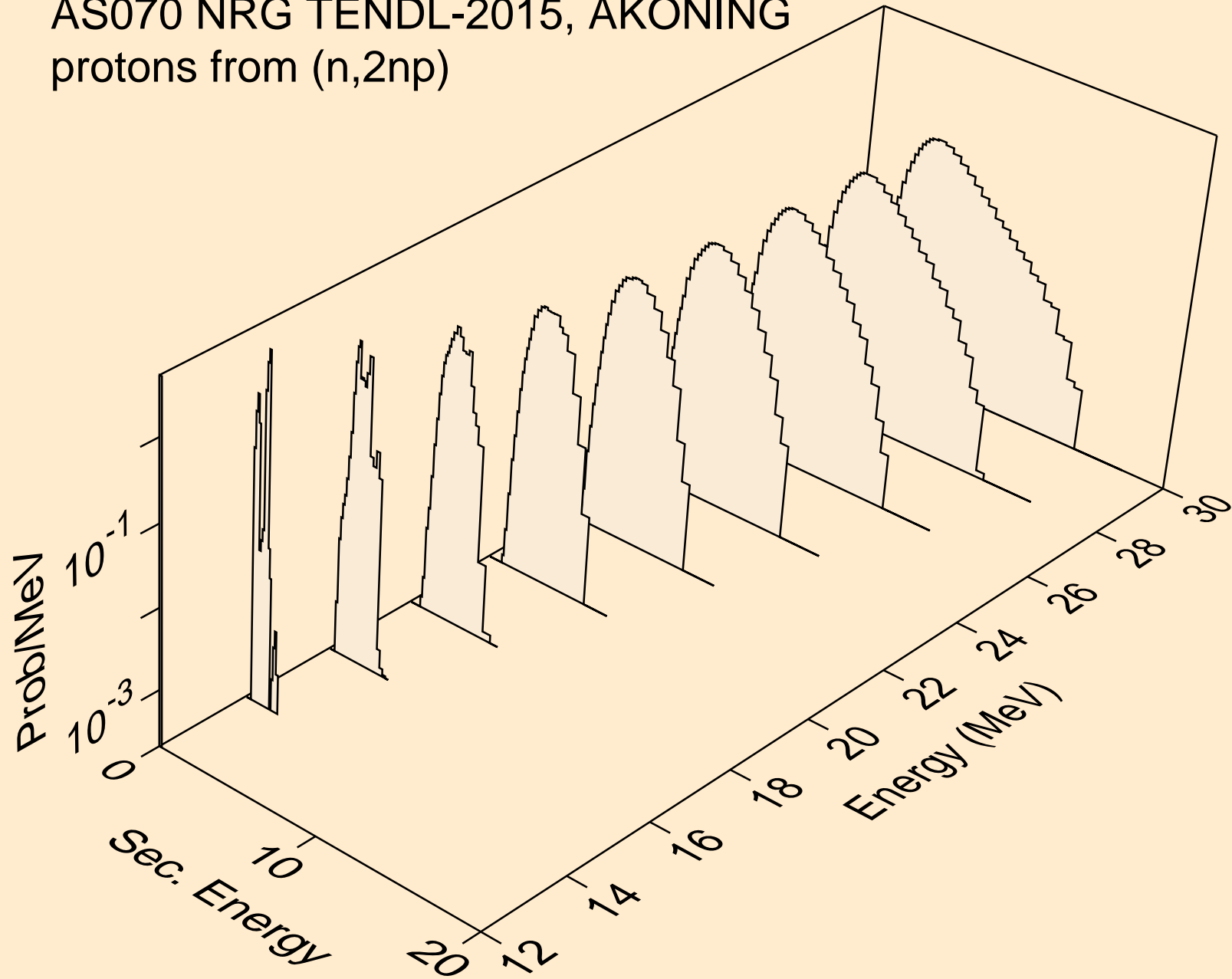
AS070 NRG TENDL-2015, AKONING  
protons from (n,2np)



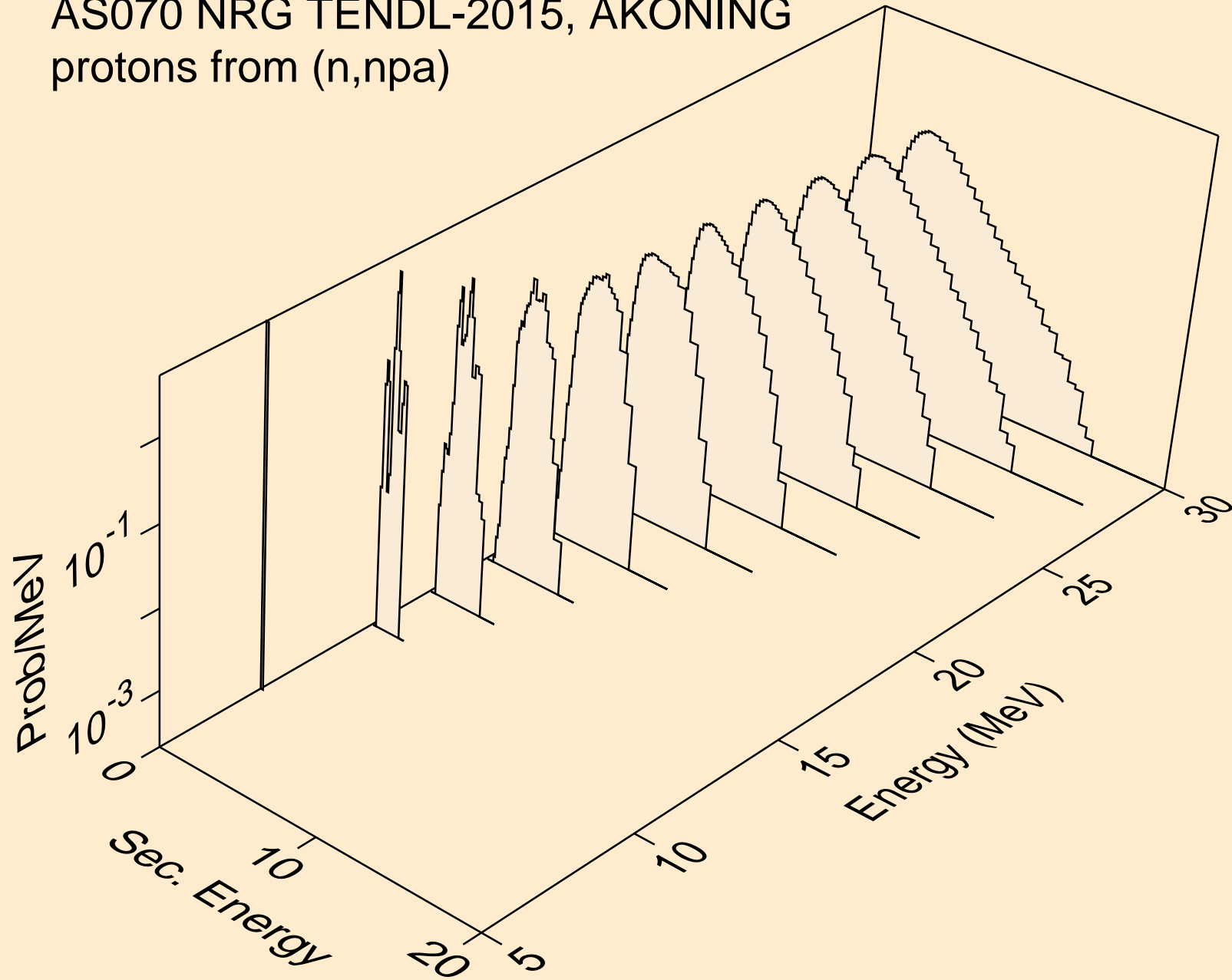
AS070 NRG TENDL-2015, AKONING  
protons from (n,3np)



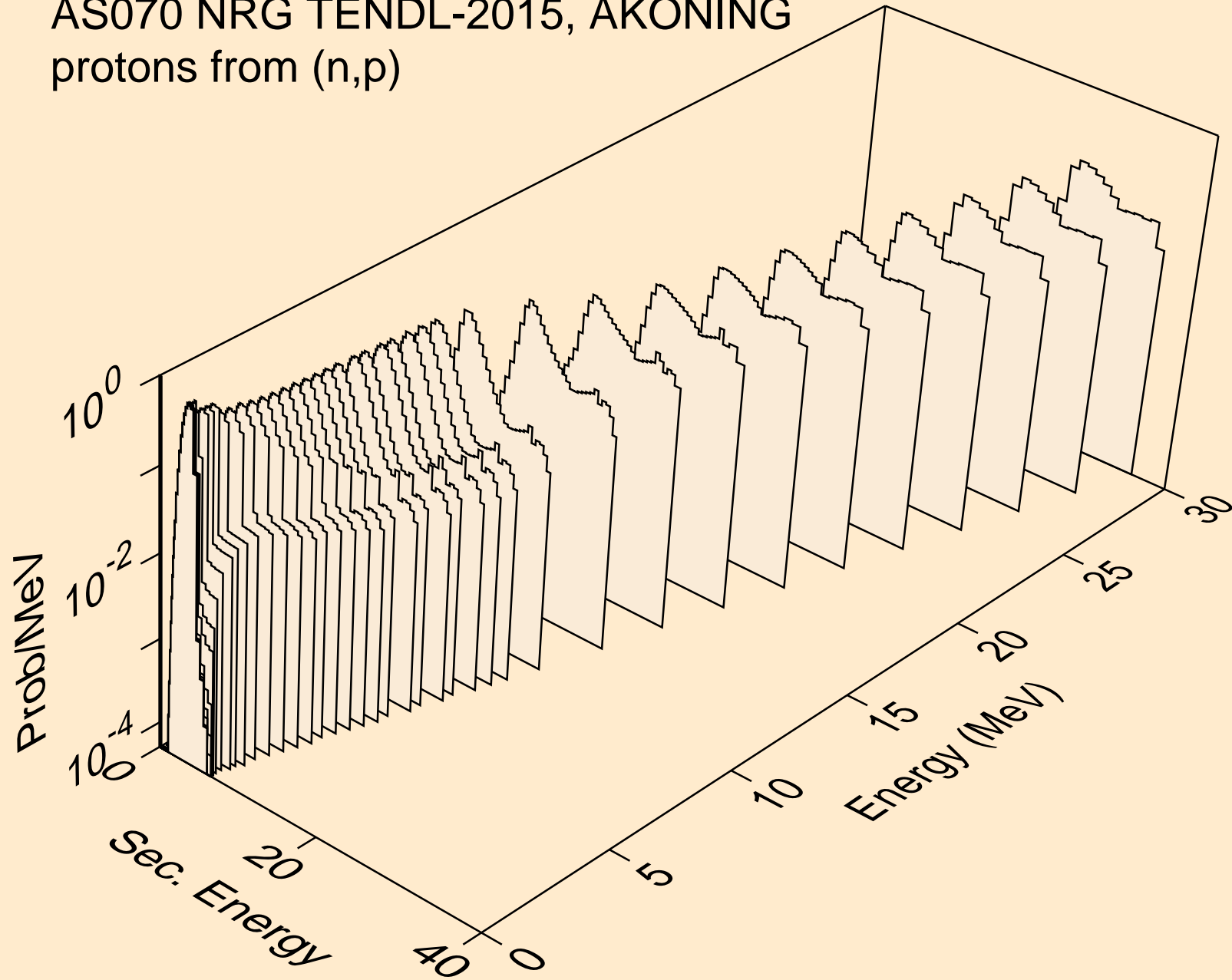
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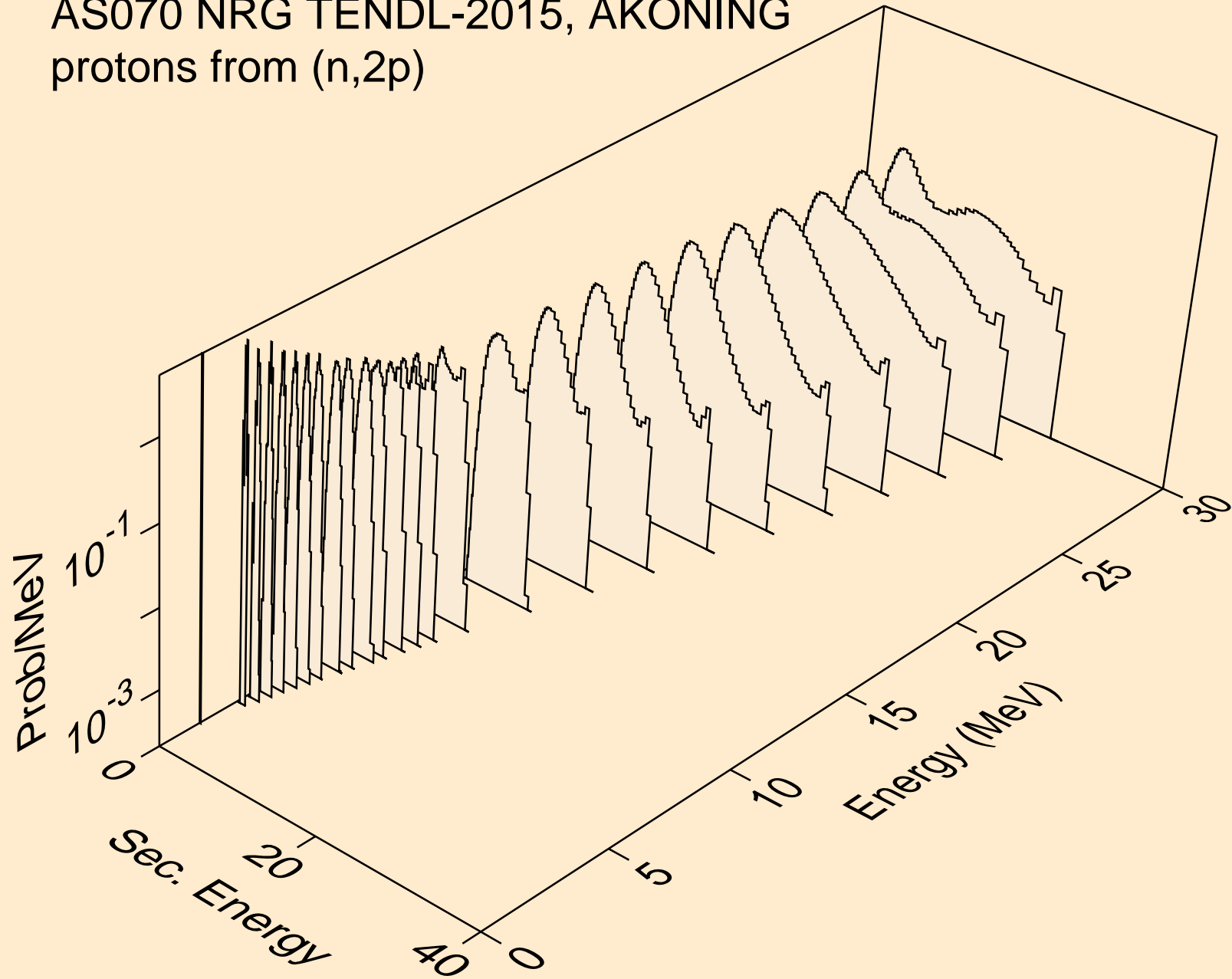
AS070 NRG TENDL-2015, AKONING  
protons from (n,npa)



AS070 NRG TENDL-2015, AKONING  
protons from (n,p)

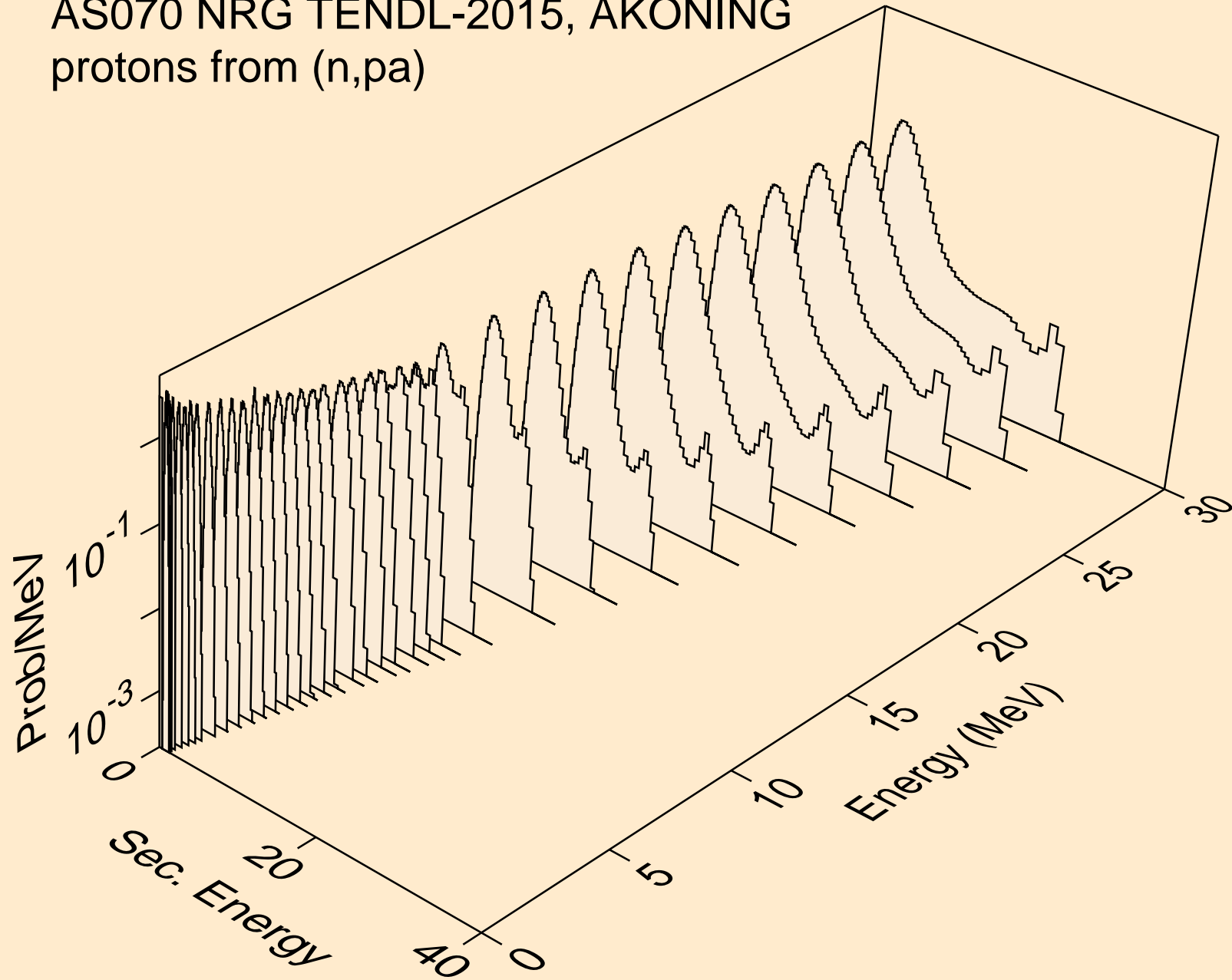


AS070 NRG TENDL-2015, AKONING  
protons from (n,2p)

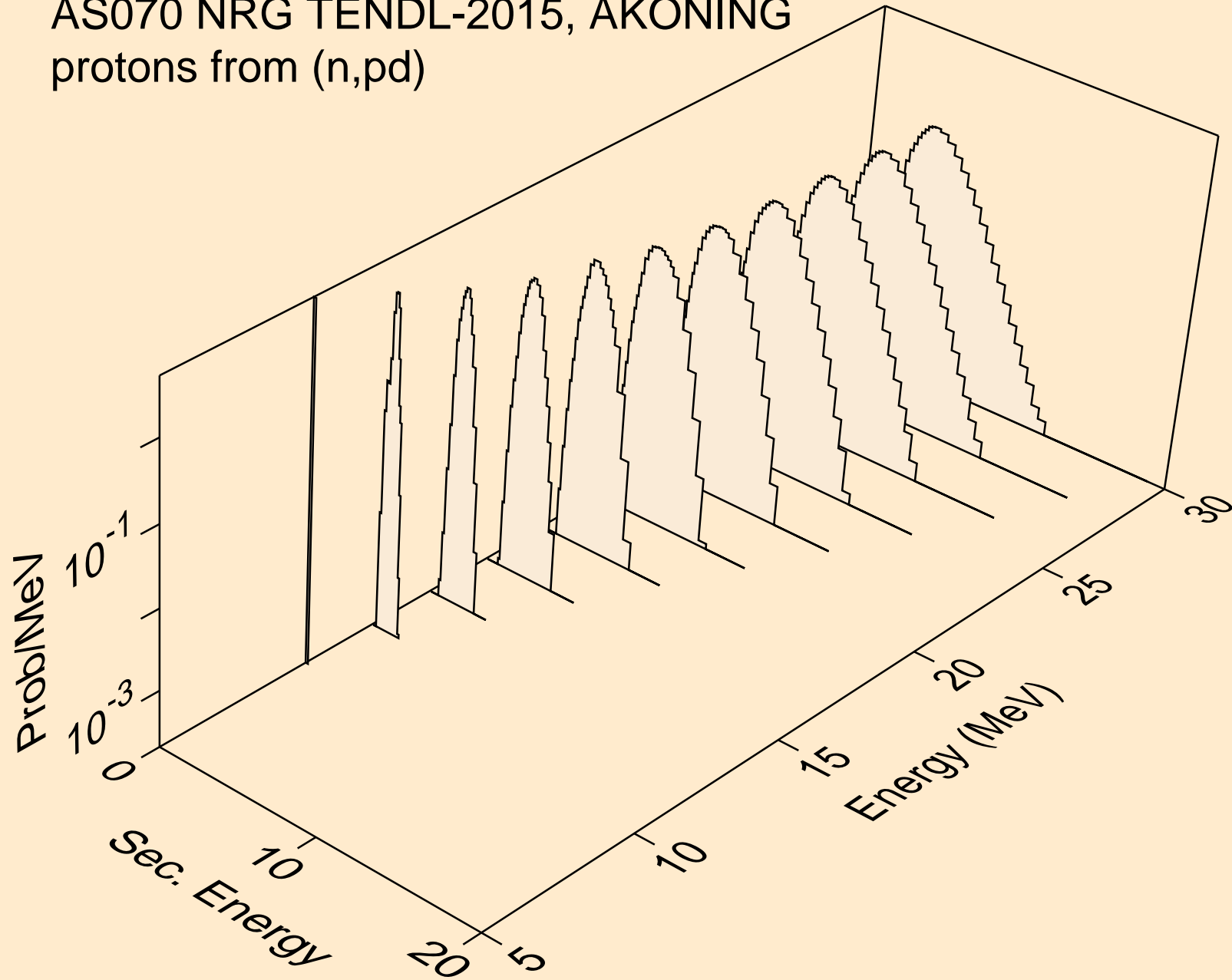




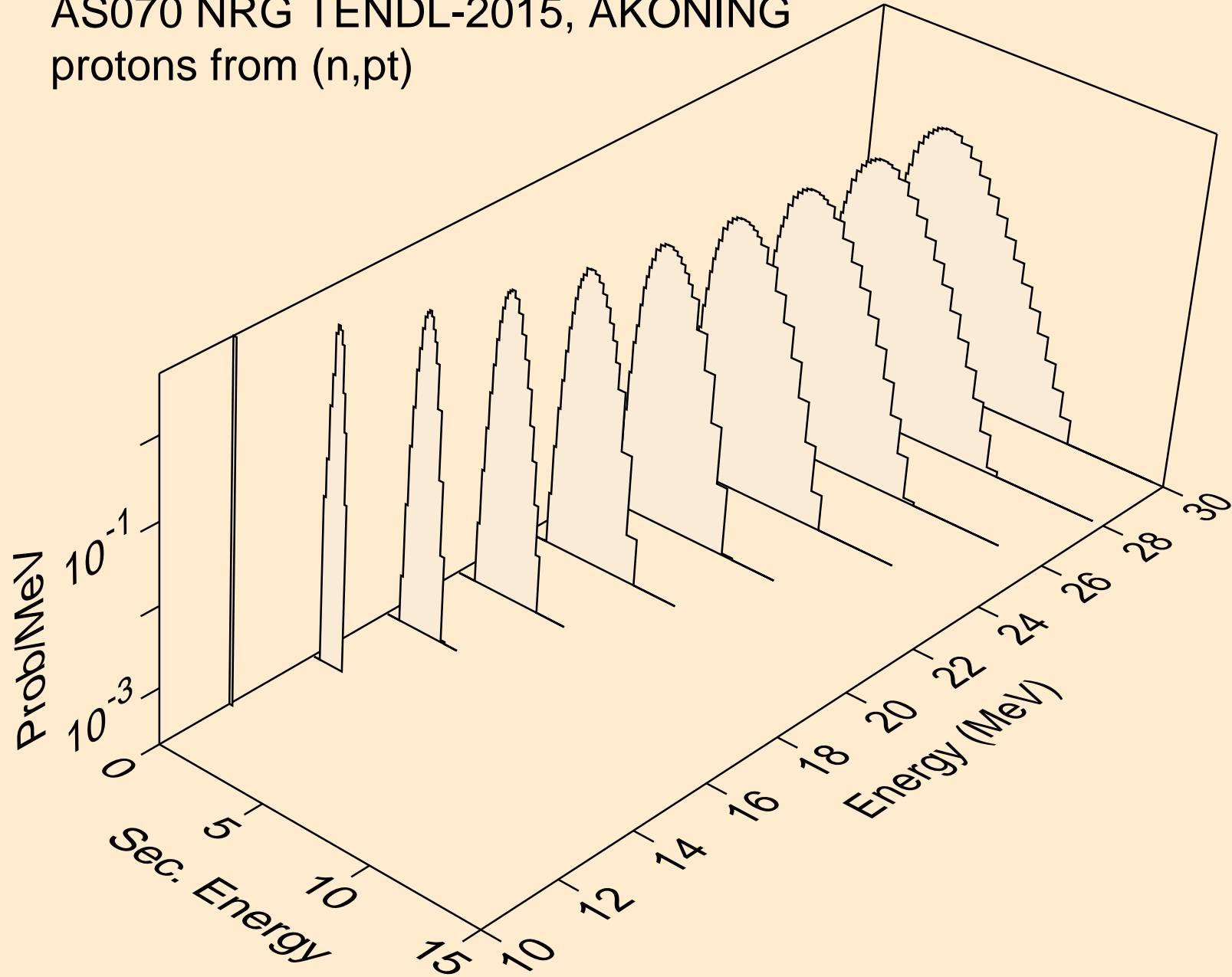
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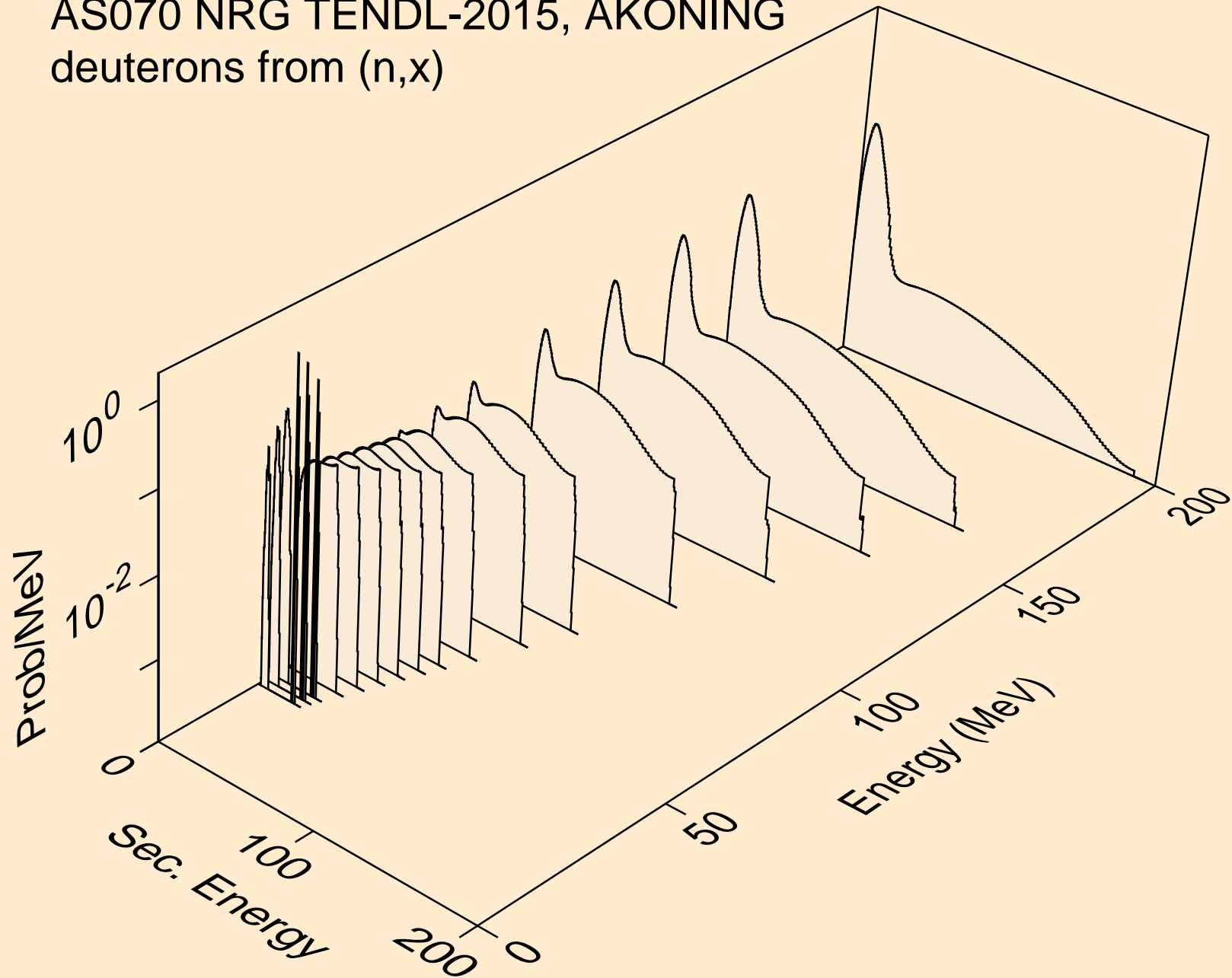
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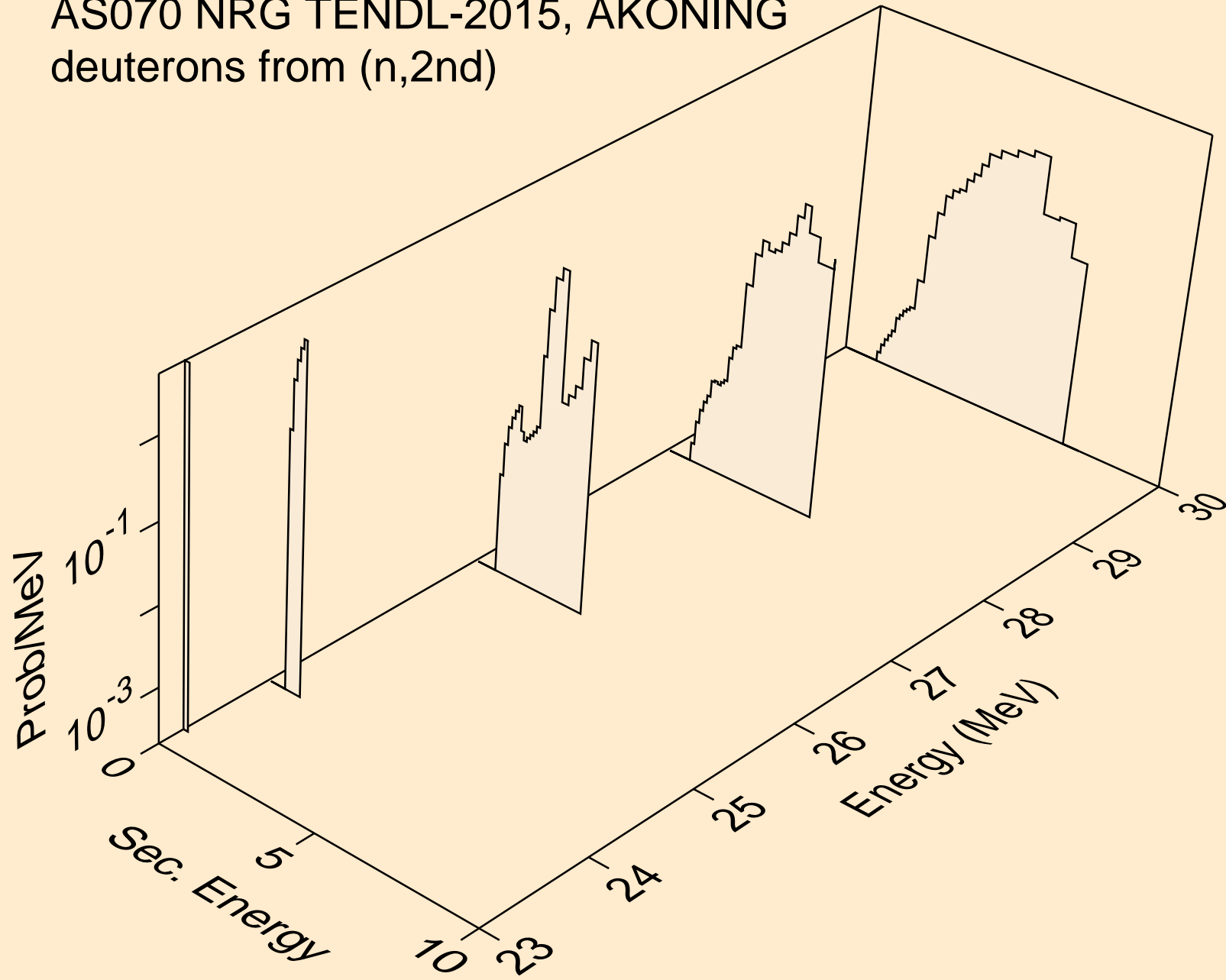
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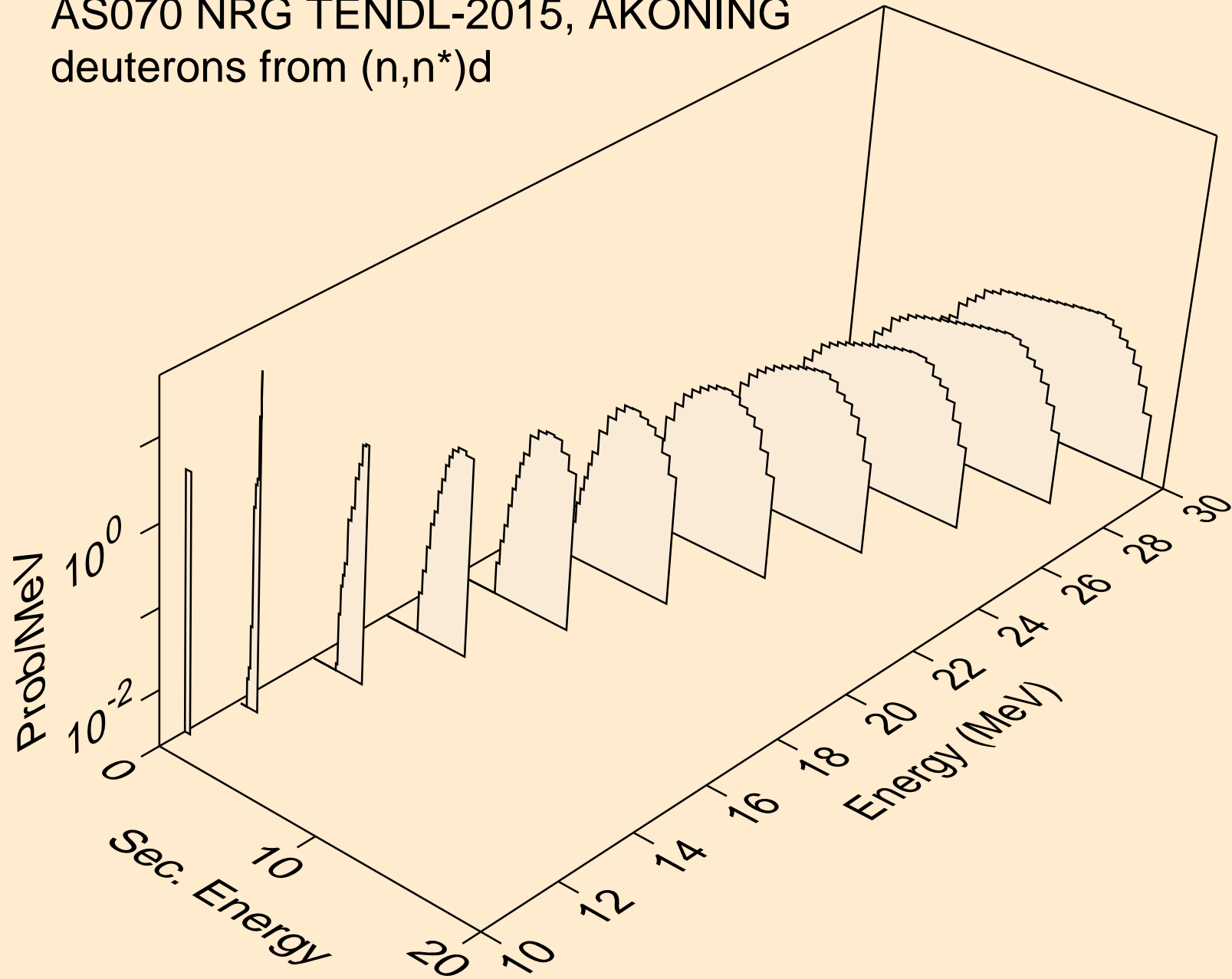
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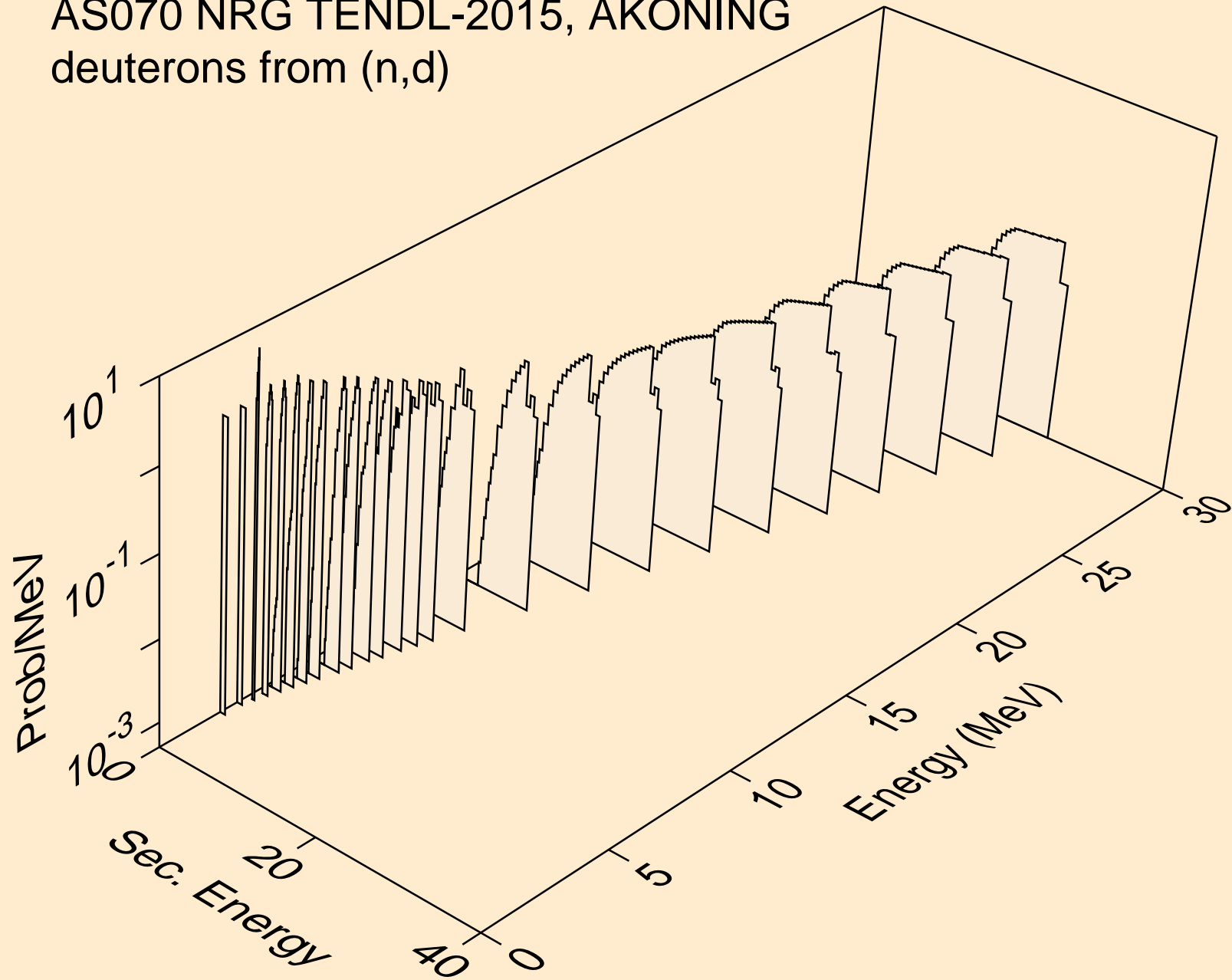
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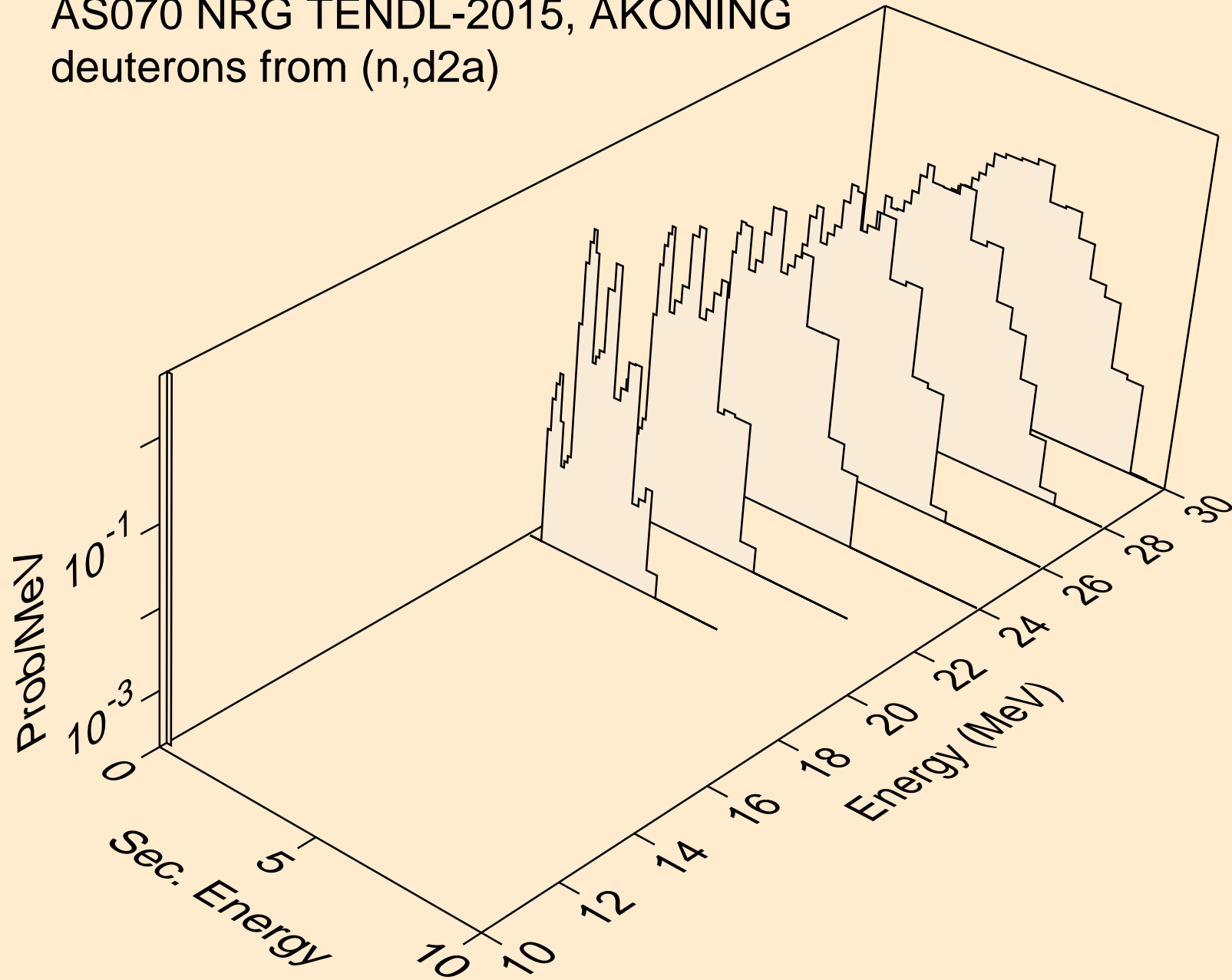
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deuterons from (n,n\*)d



AS070 NRG TENDL-2015, AKONING  
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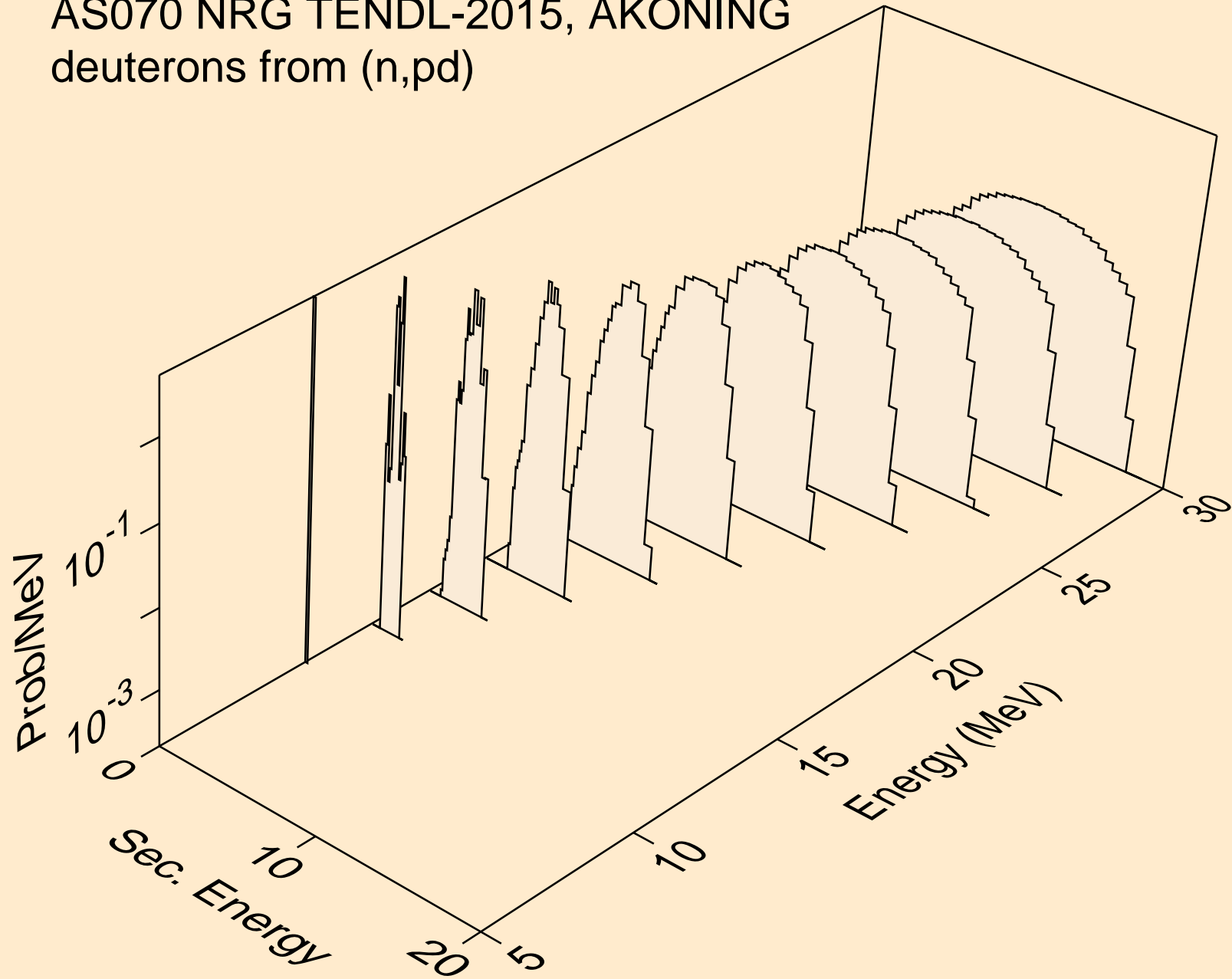


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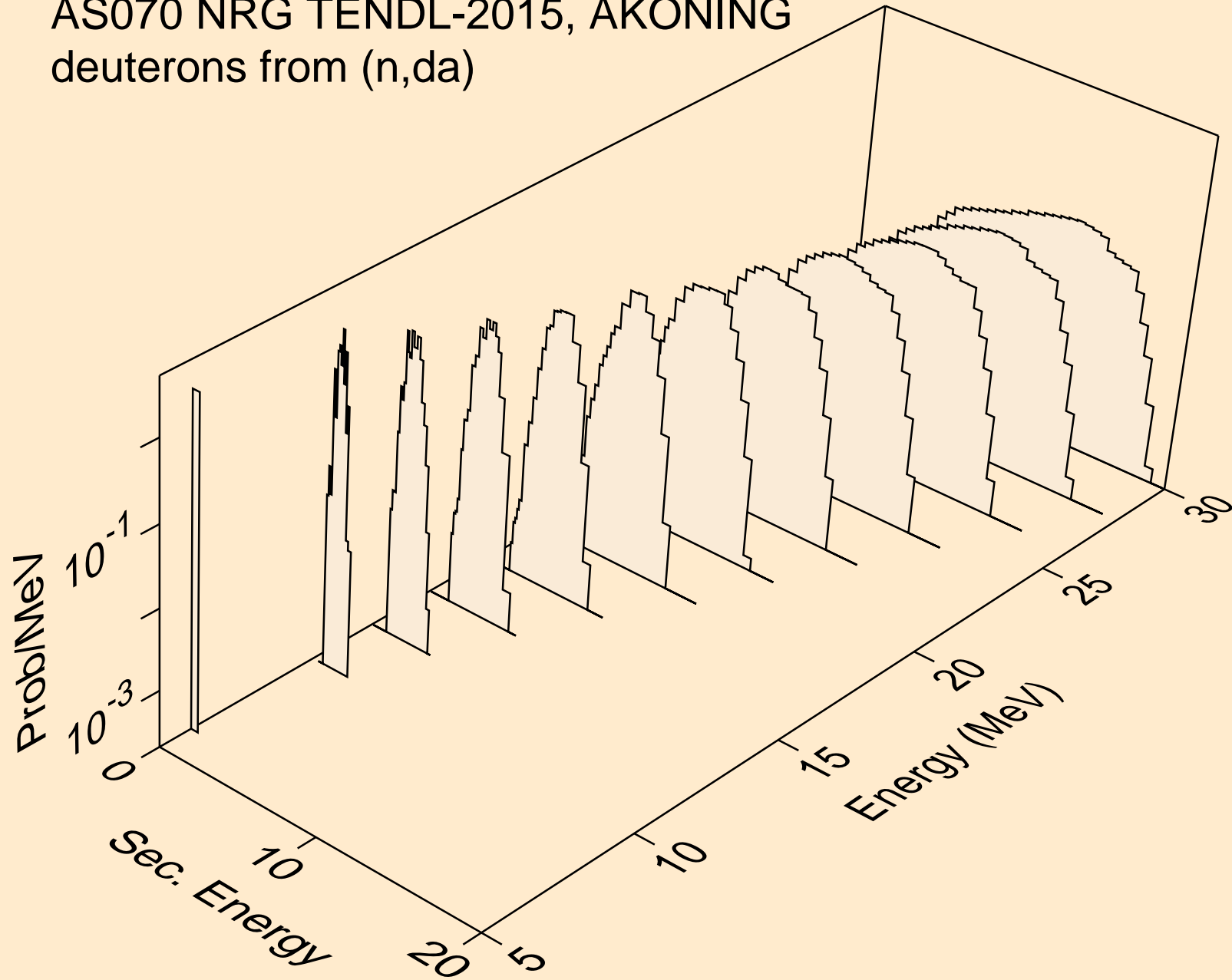




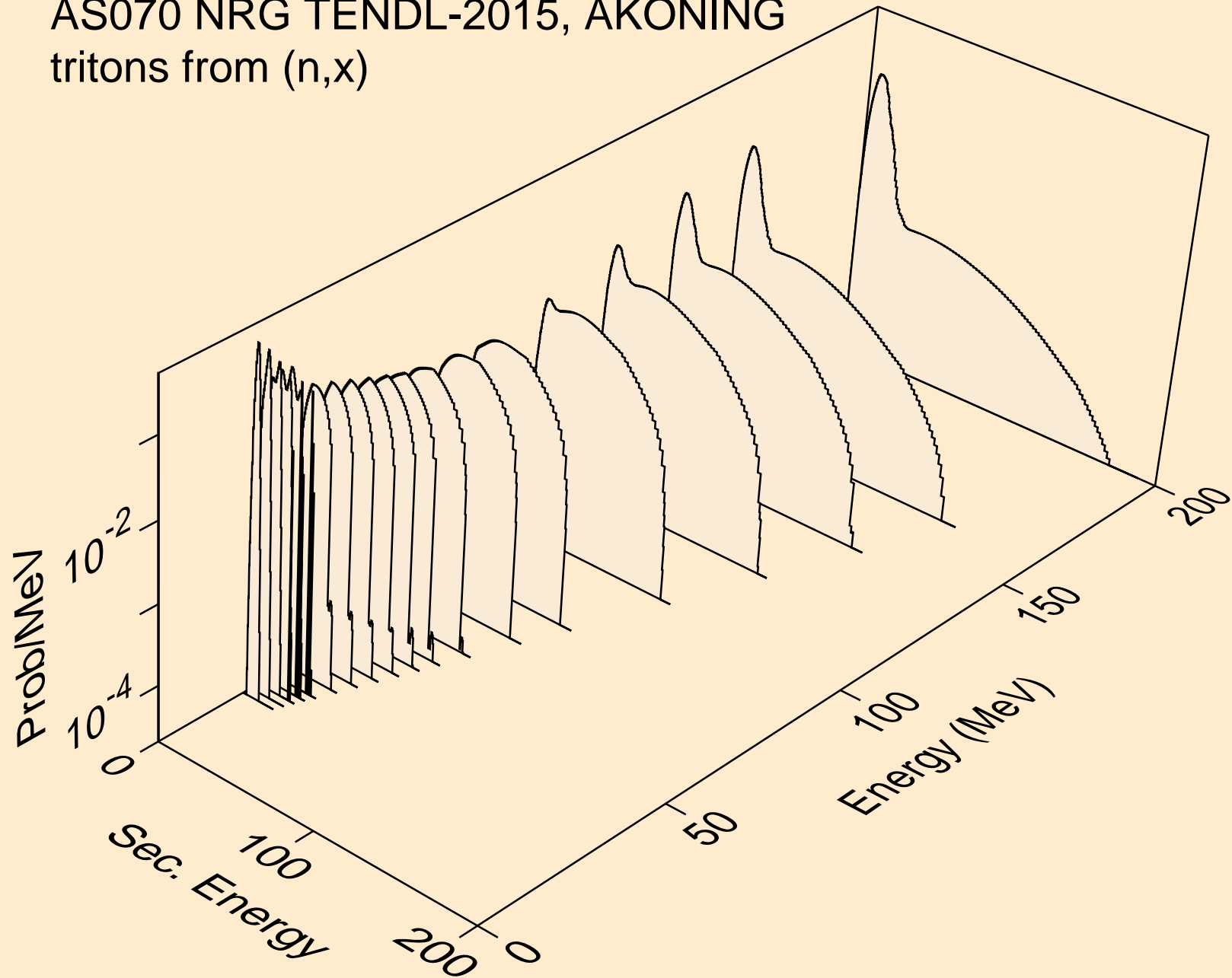
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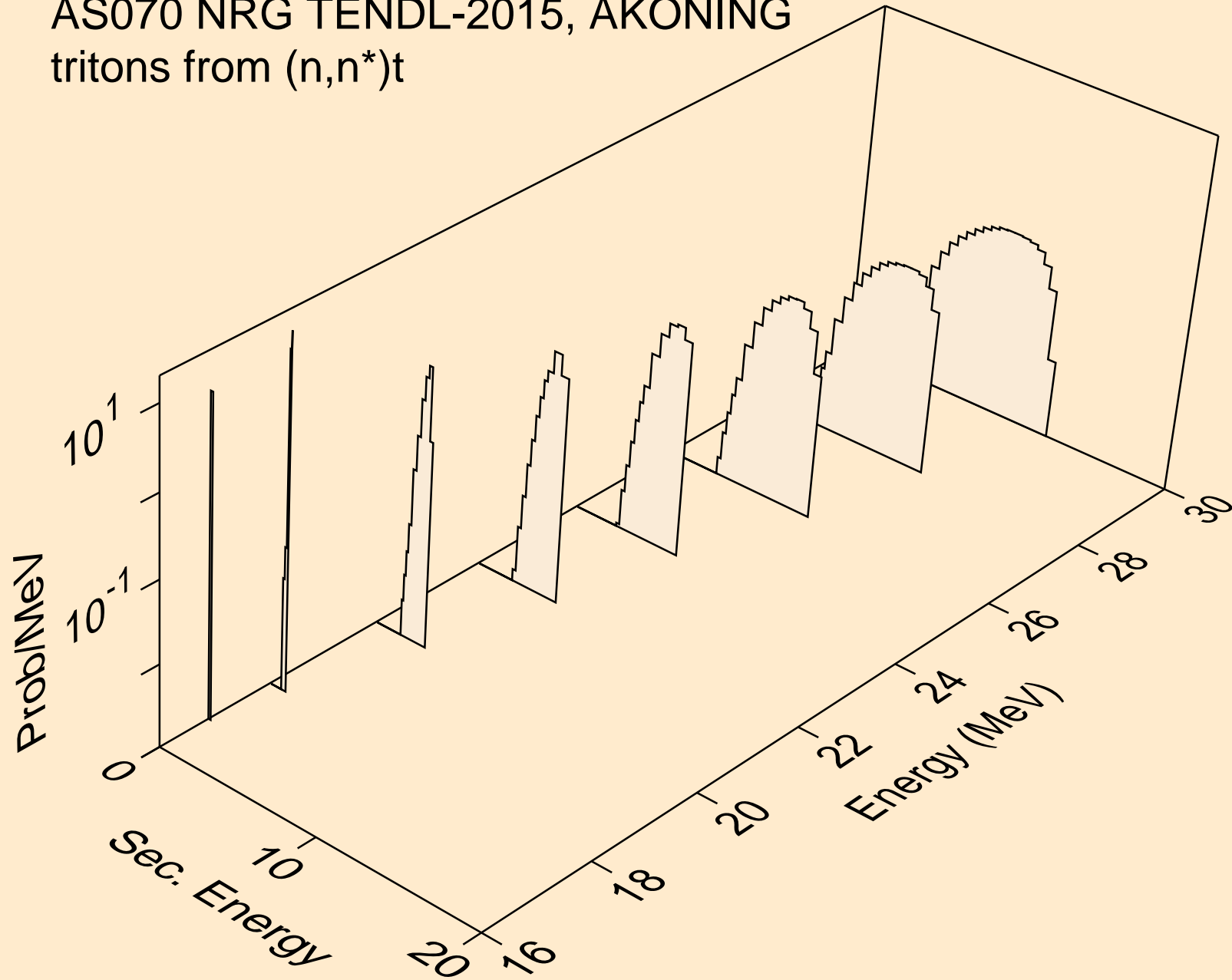
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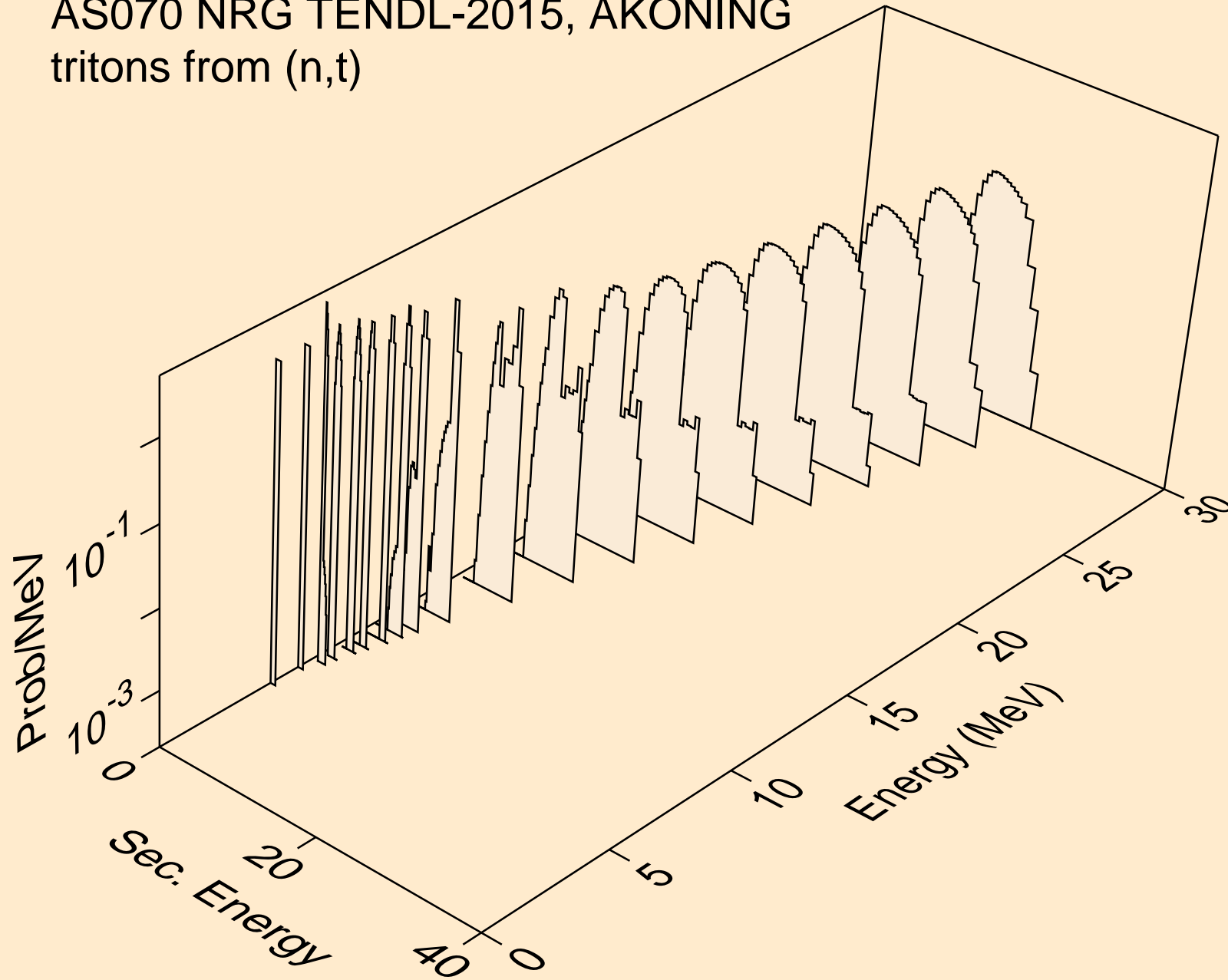
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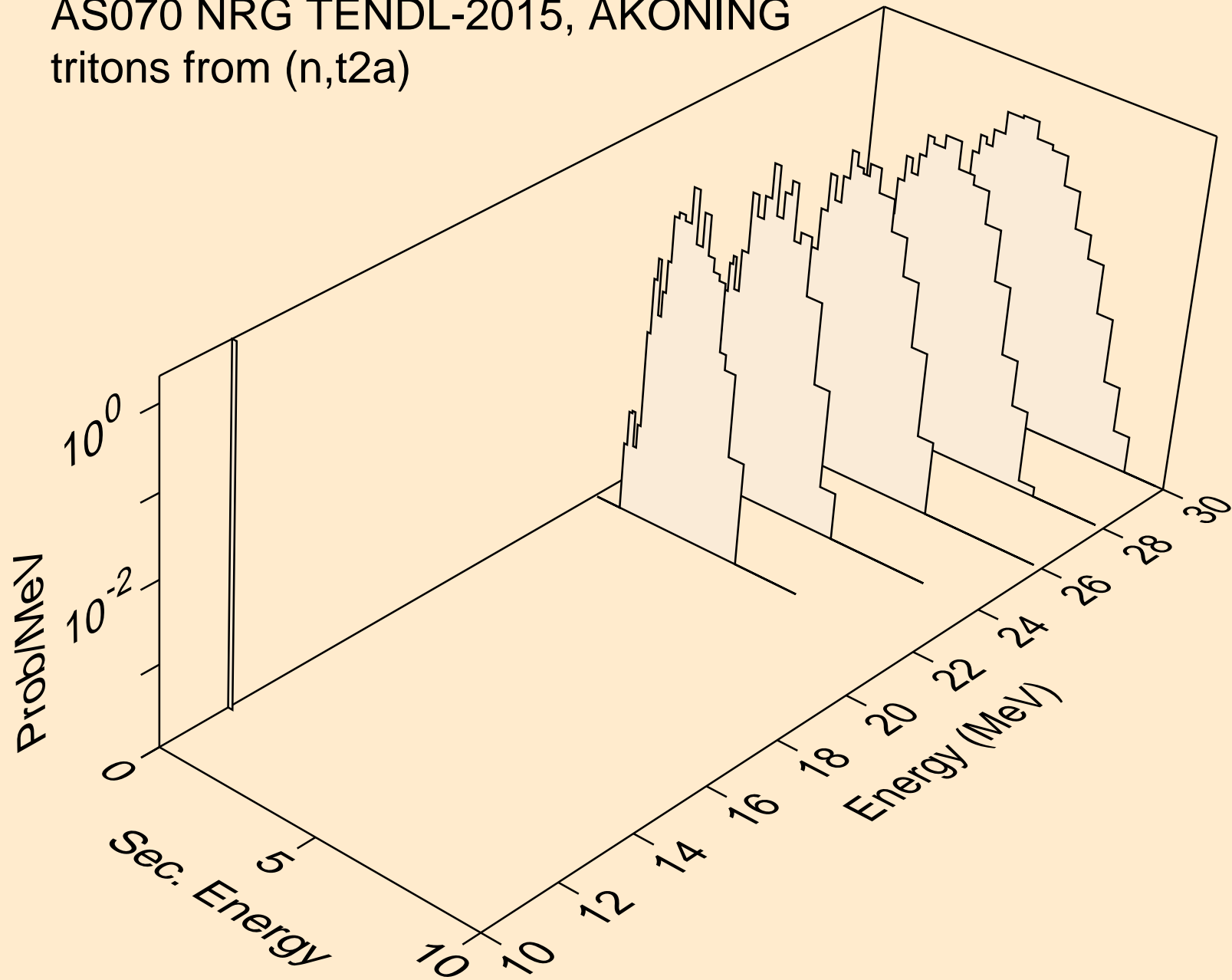
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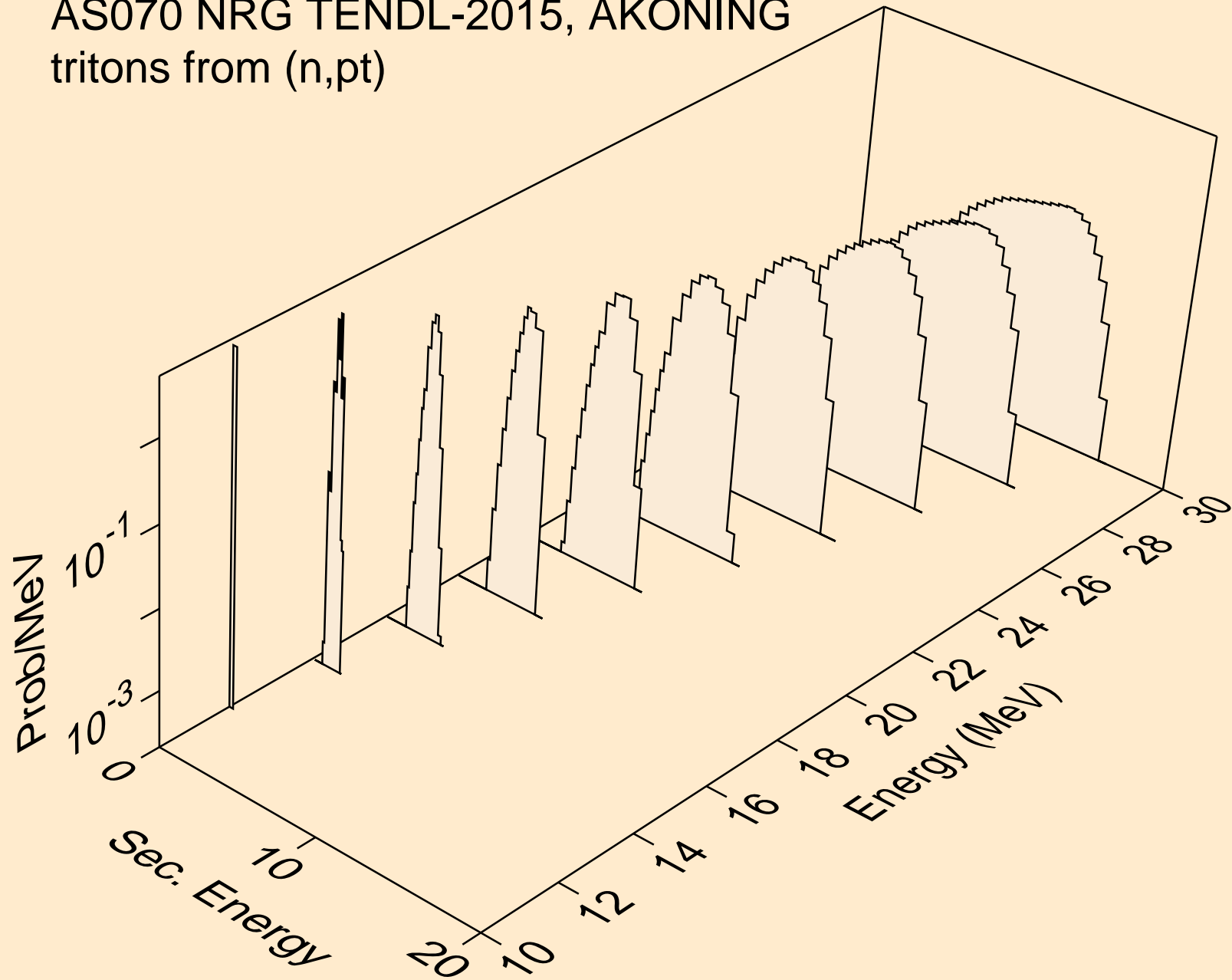
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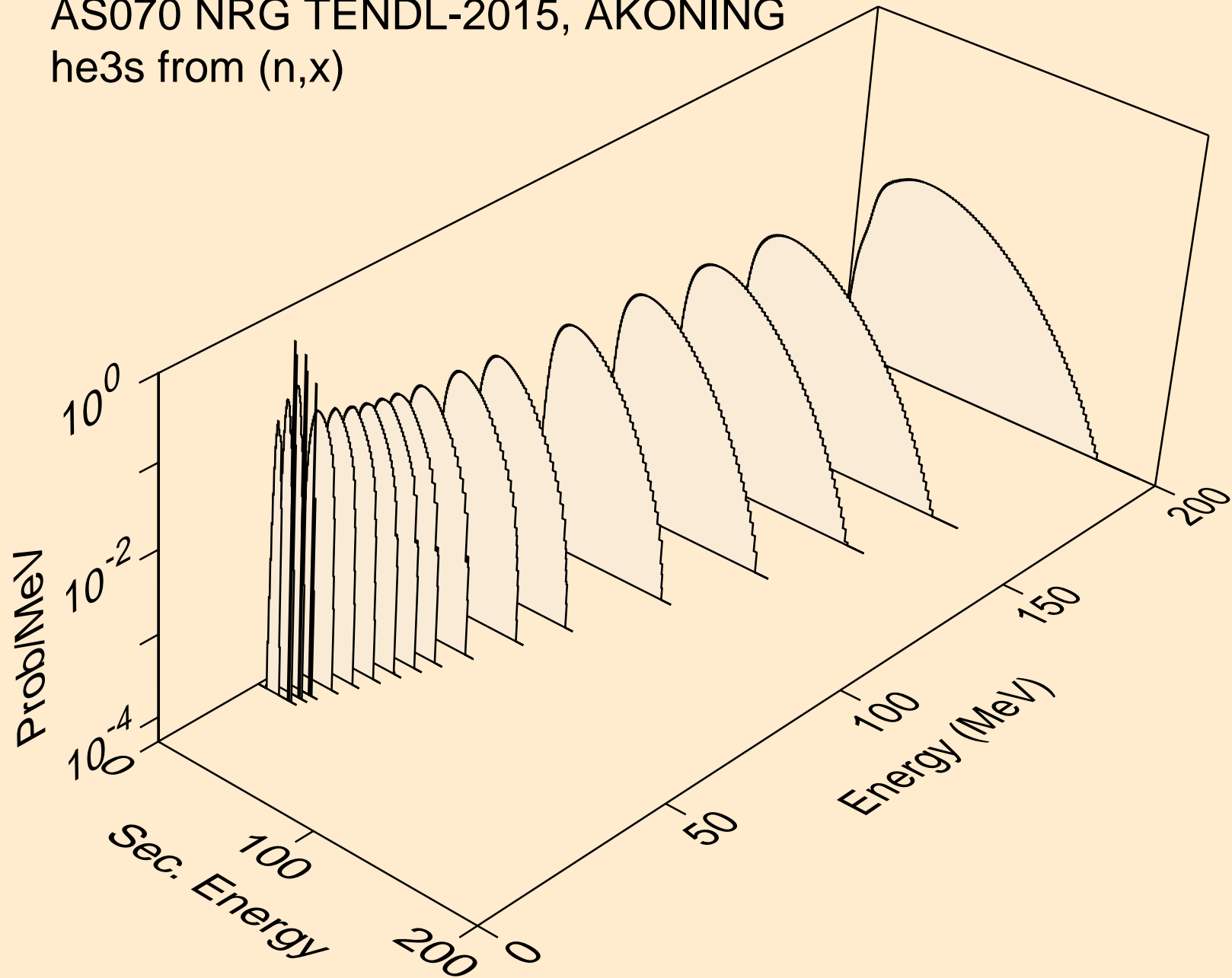
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AS070 NRG TENDL-2015, AKONING  
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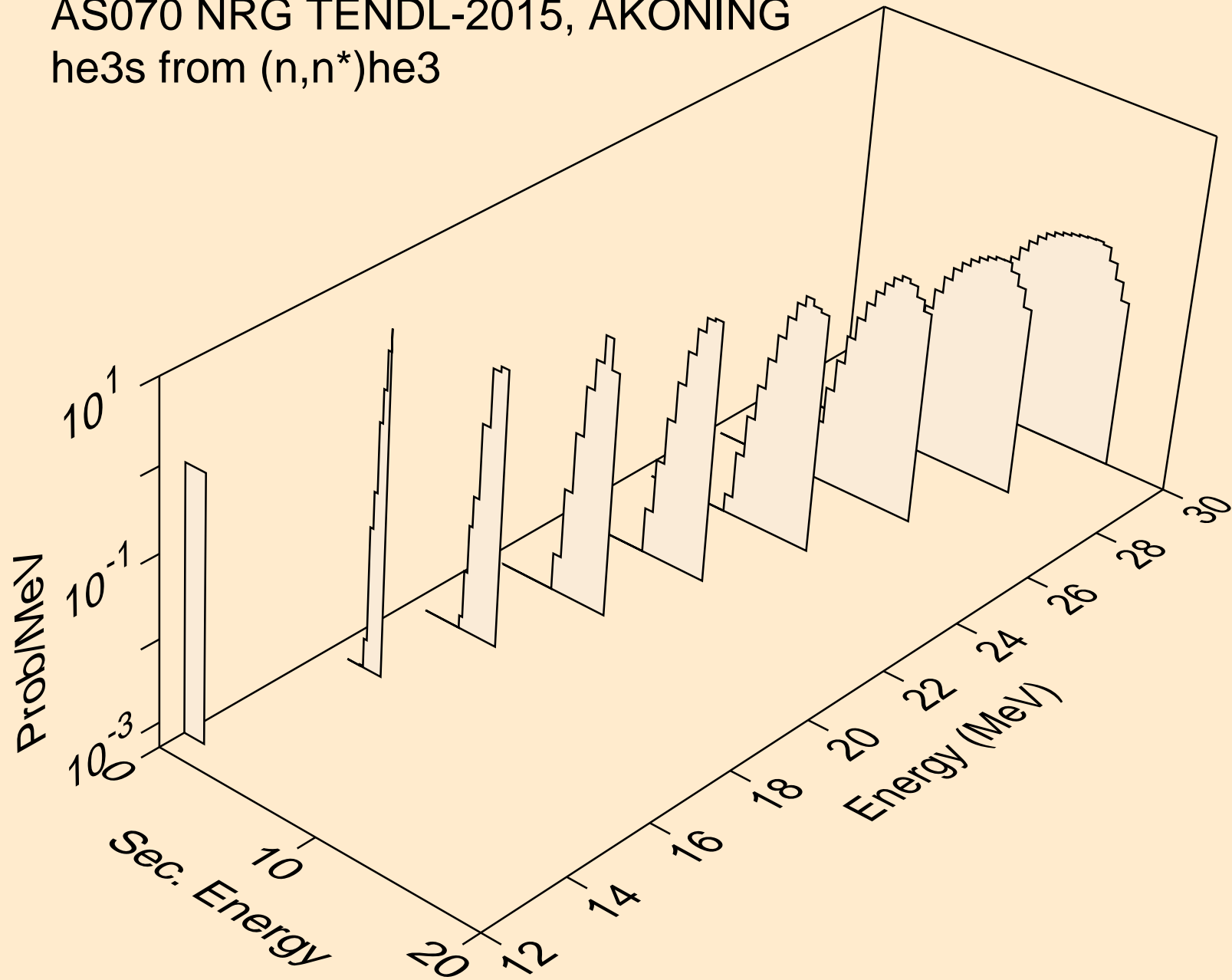


AS070 NRG TENDL-2015, AKONING  
he3s from (n,x)

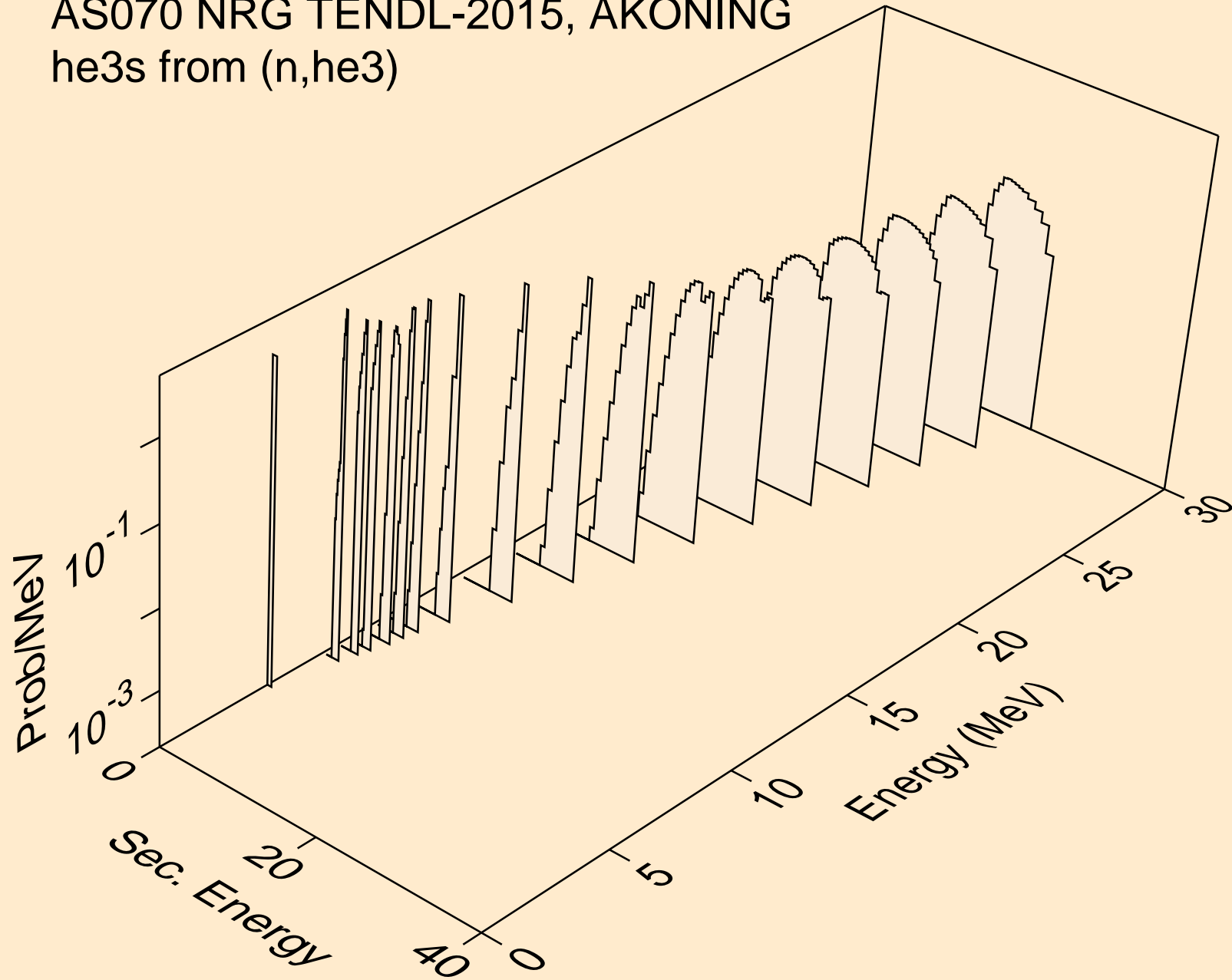




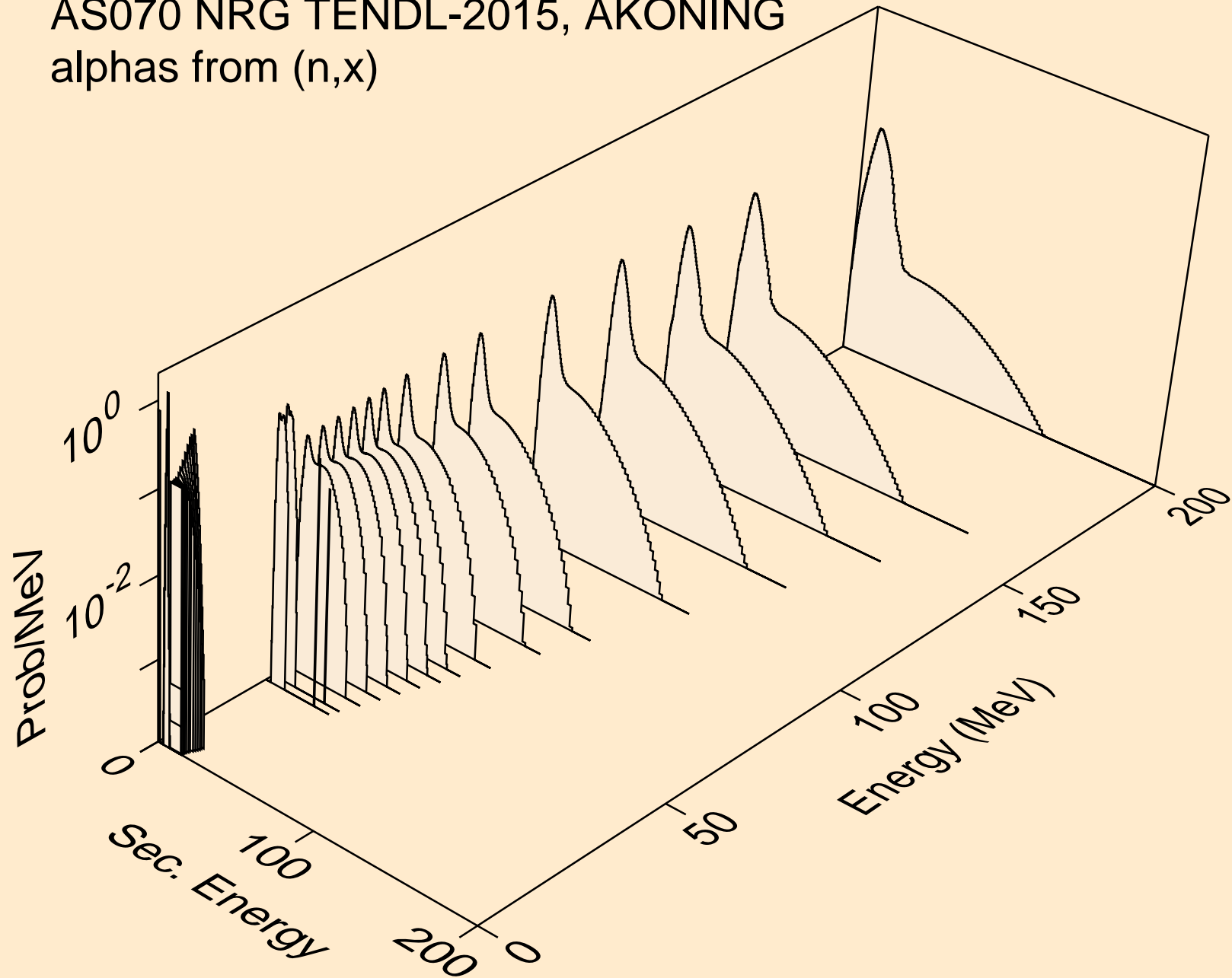
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he3s from (n,n\*)he3



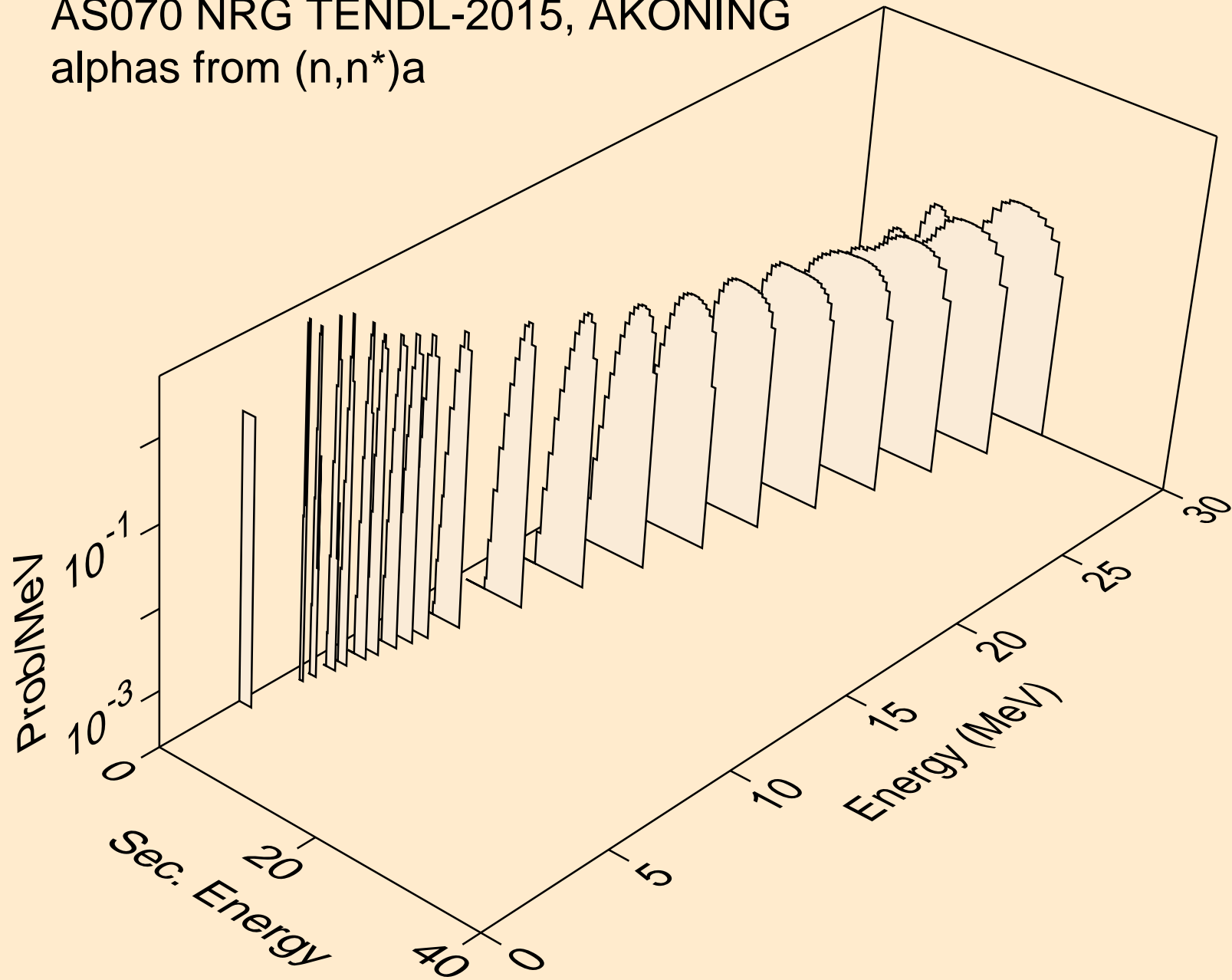
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he3s from (n,he3)



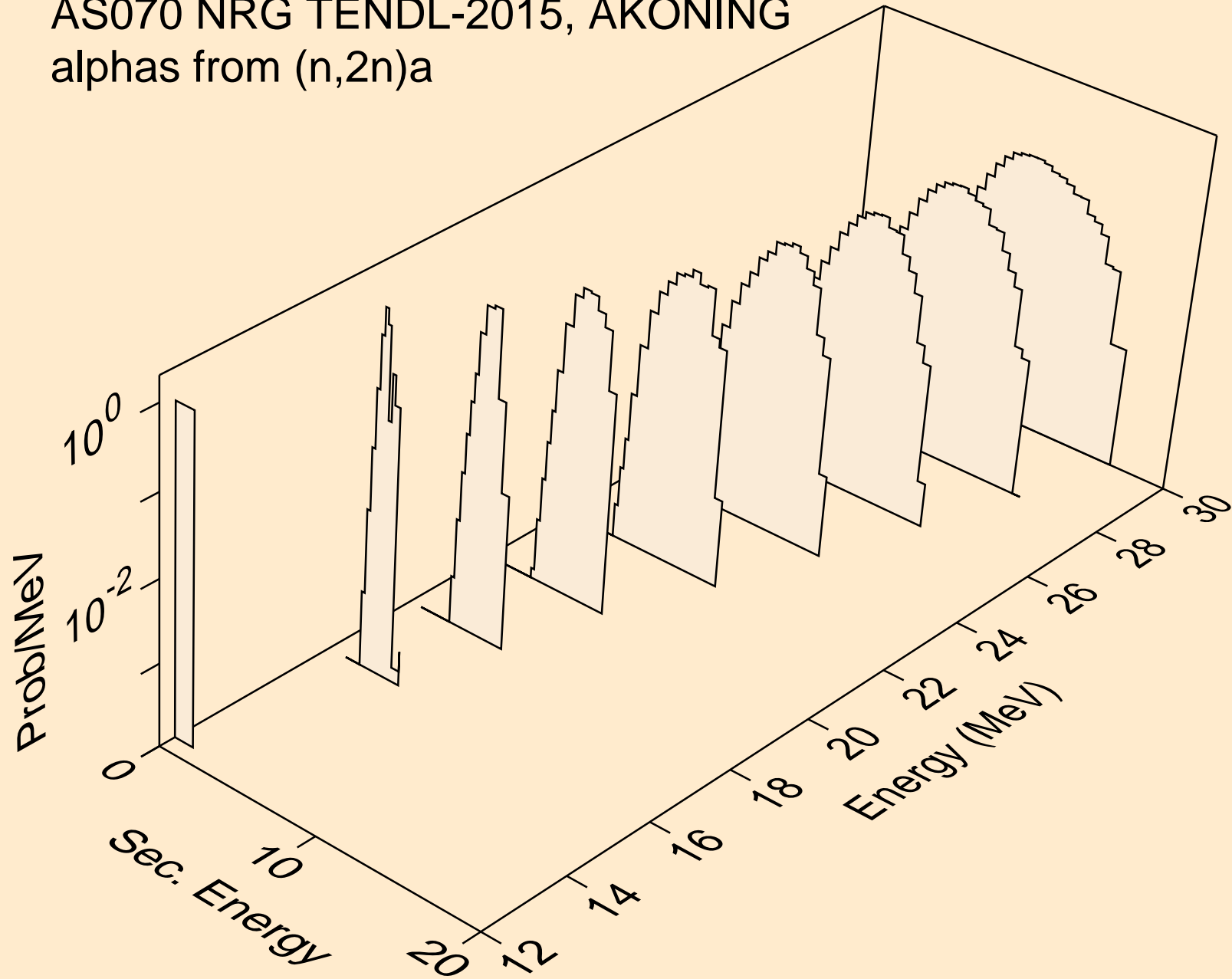
AS070 NRG TENDL-2015, AKONING  
alphas from (n,x)



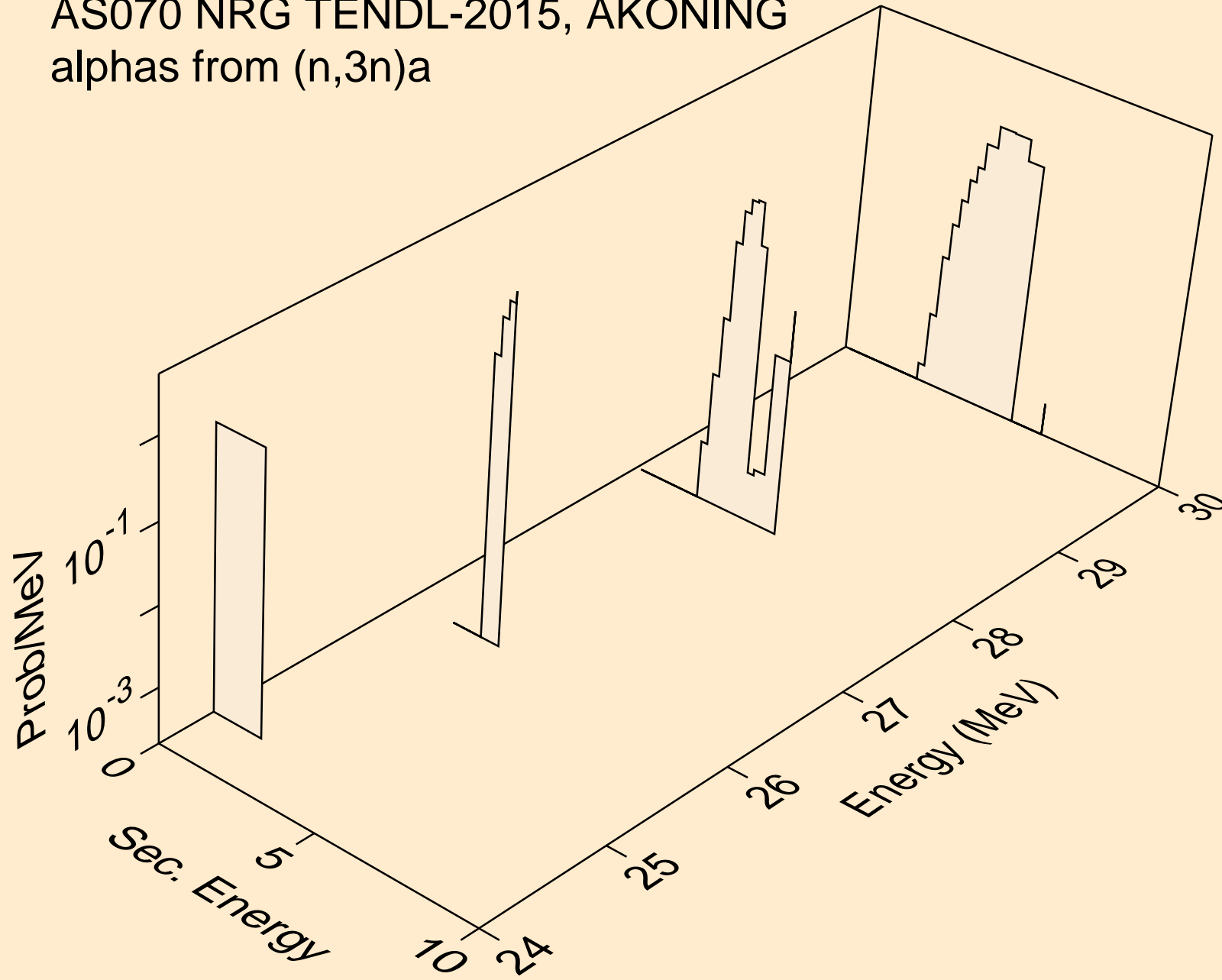
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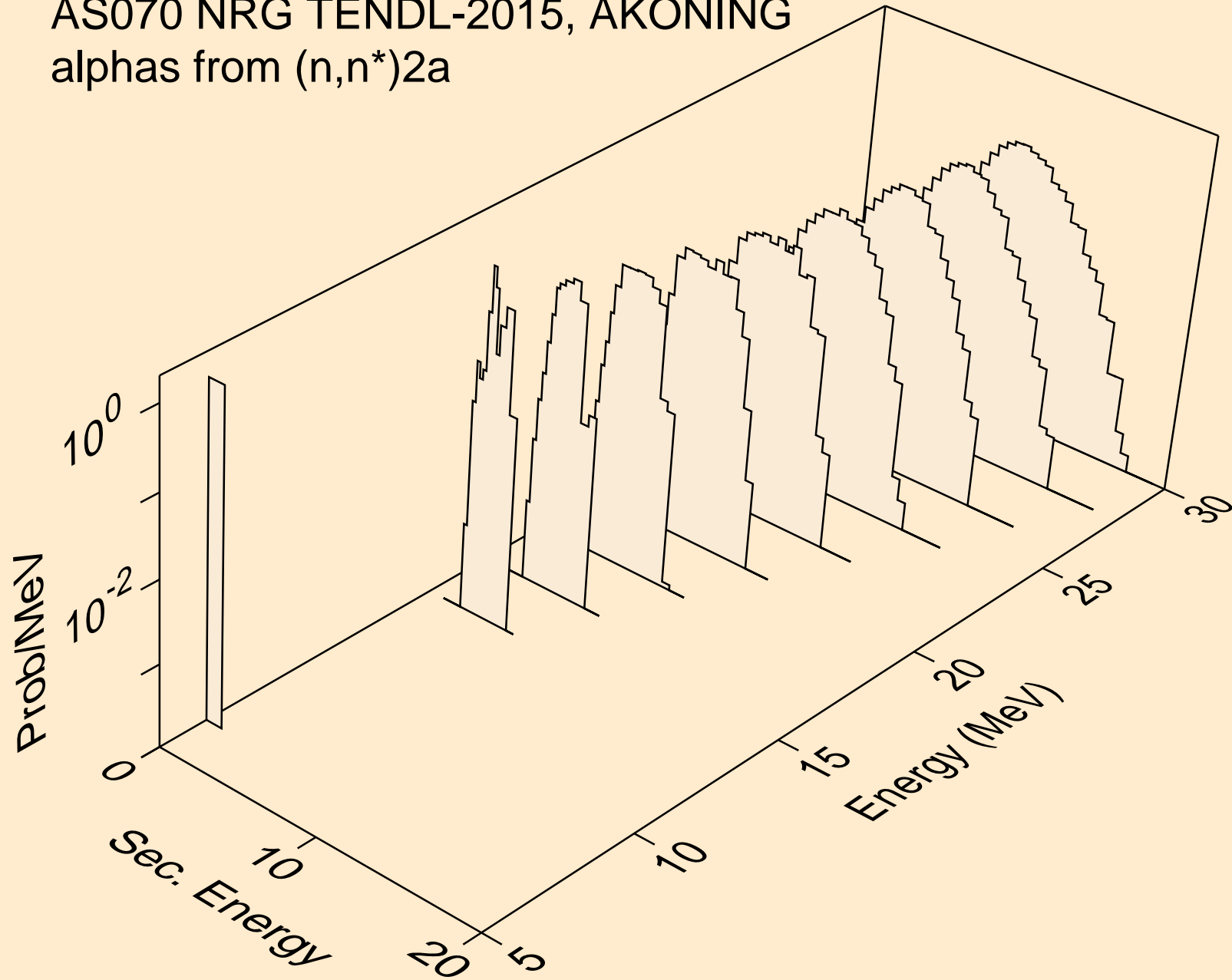
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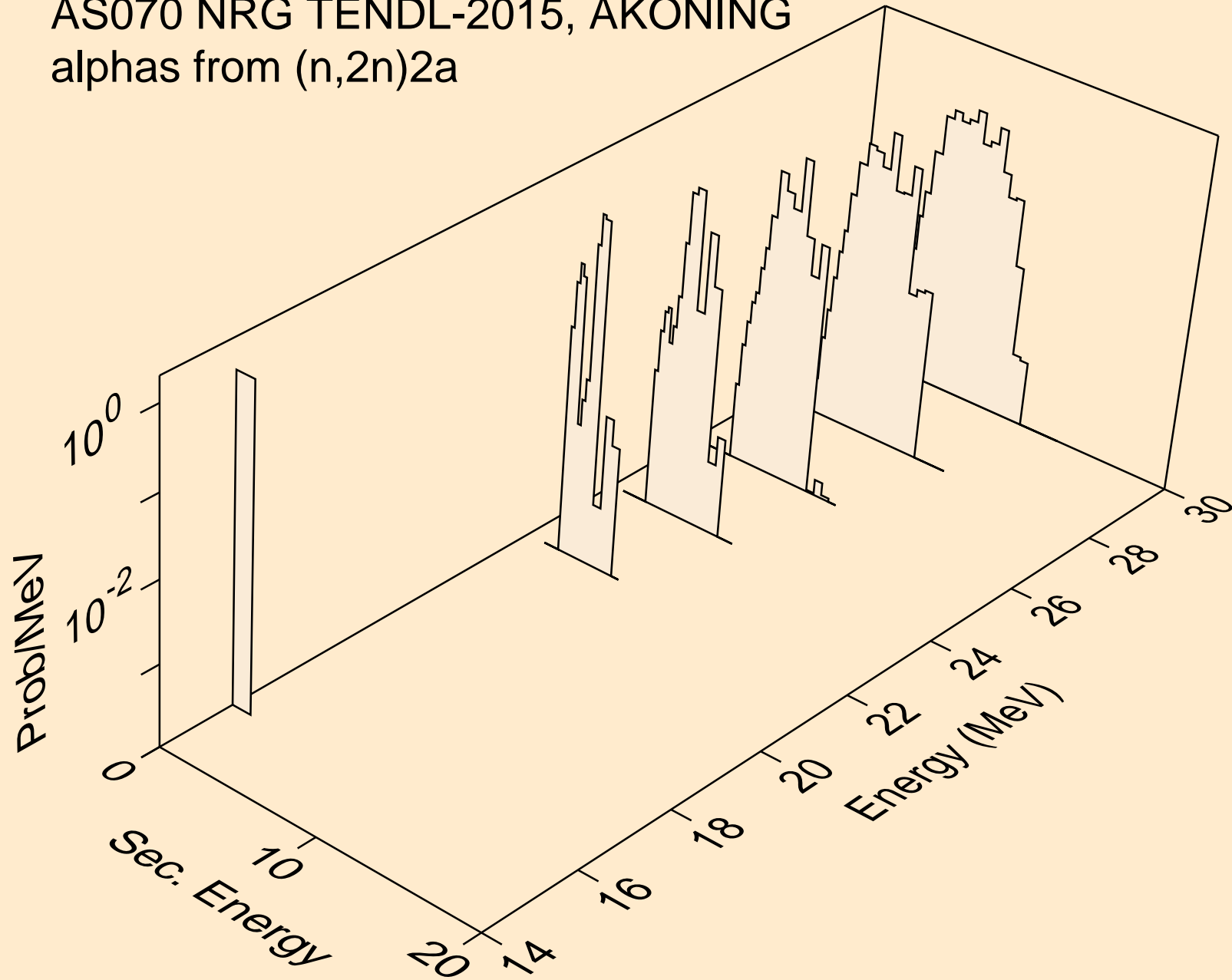
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AS070 NRG TENDL-2015, AKONING  
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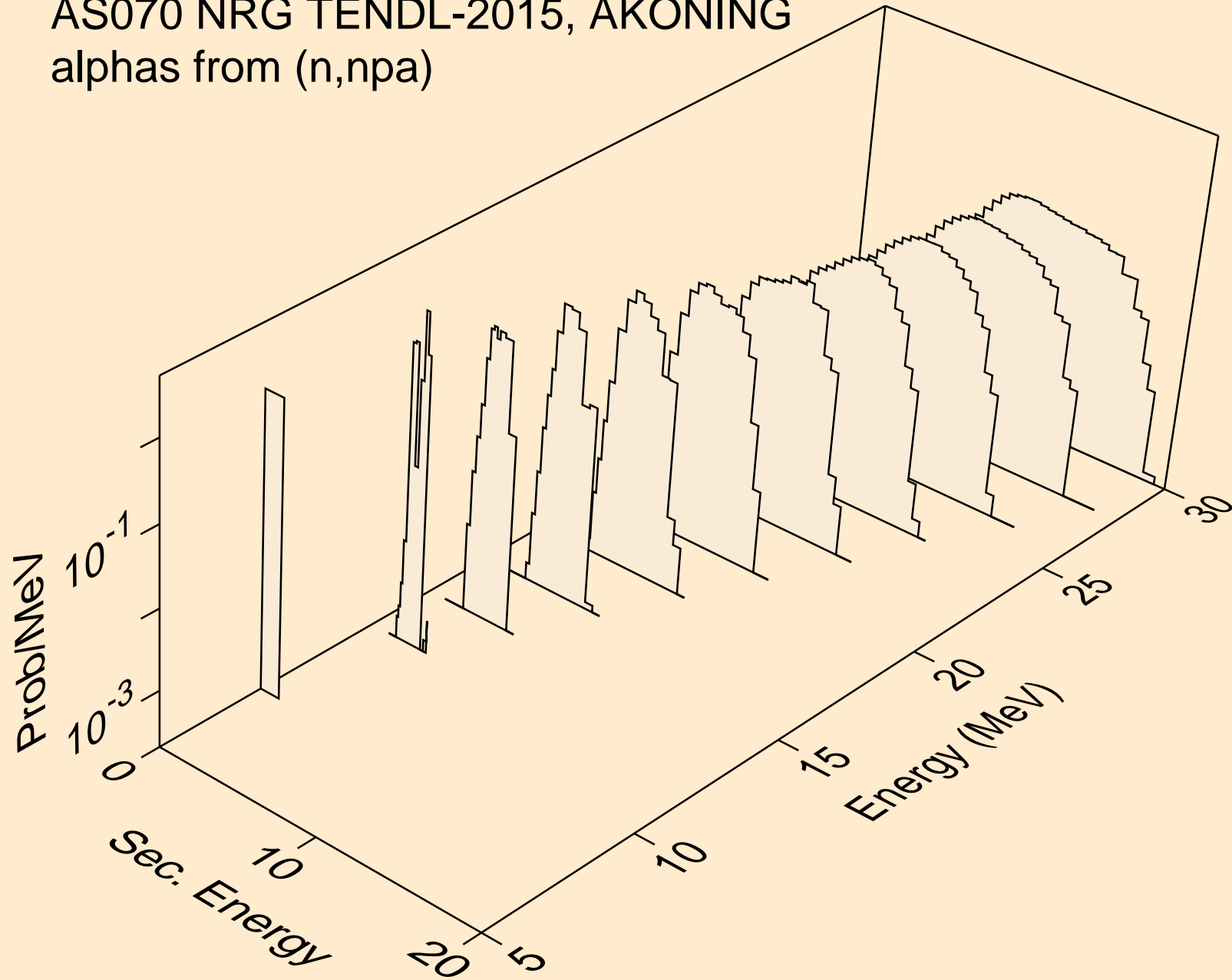


AS070 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

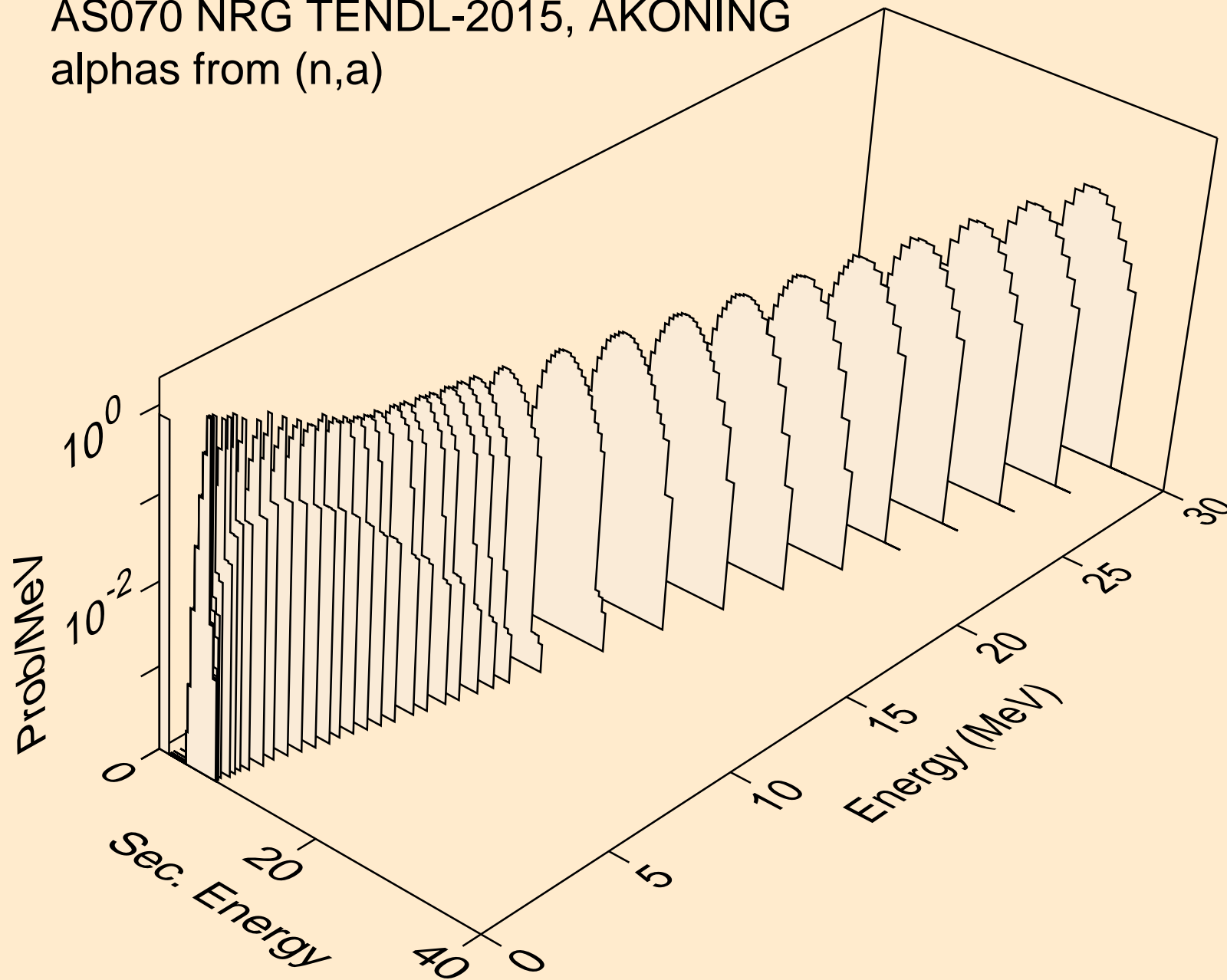




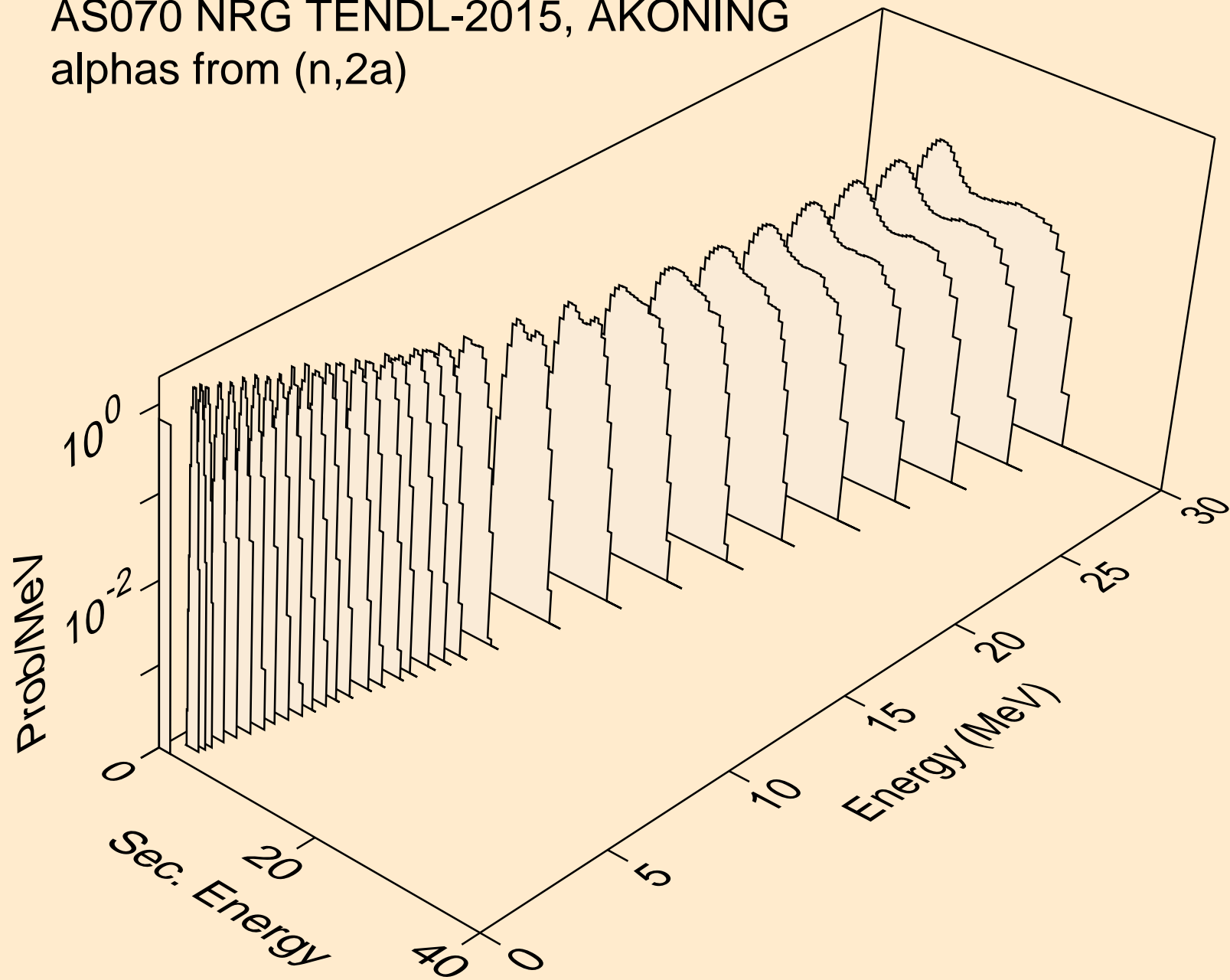
AS070 NRG TENDL-2015, AKONING  
alphas from (n,npa)



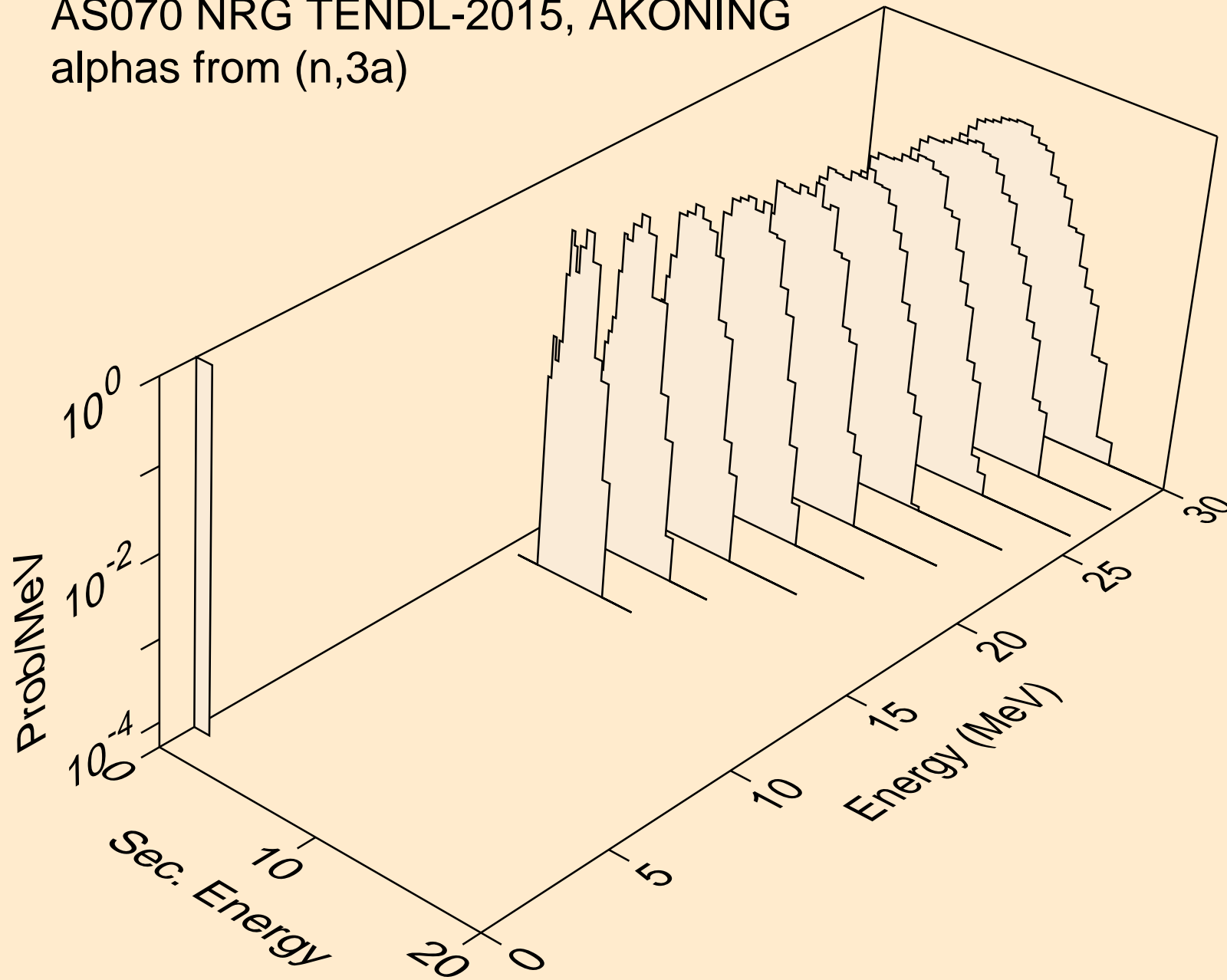
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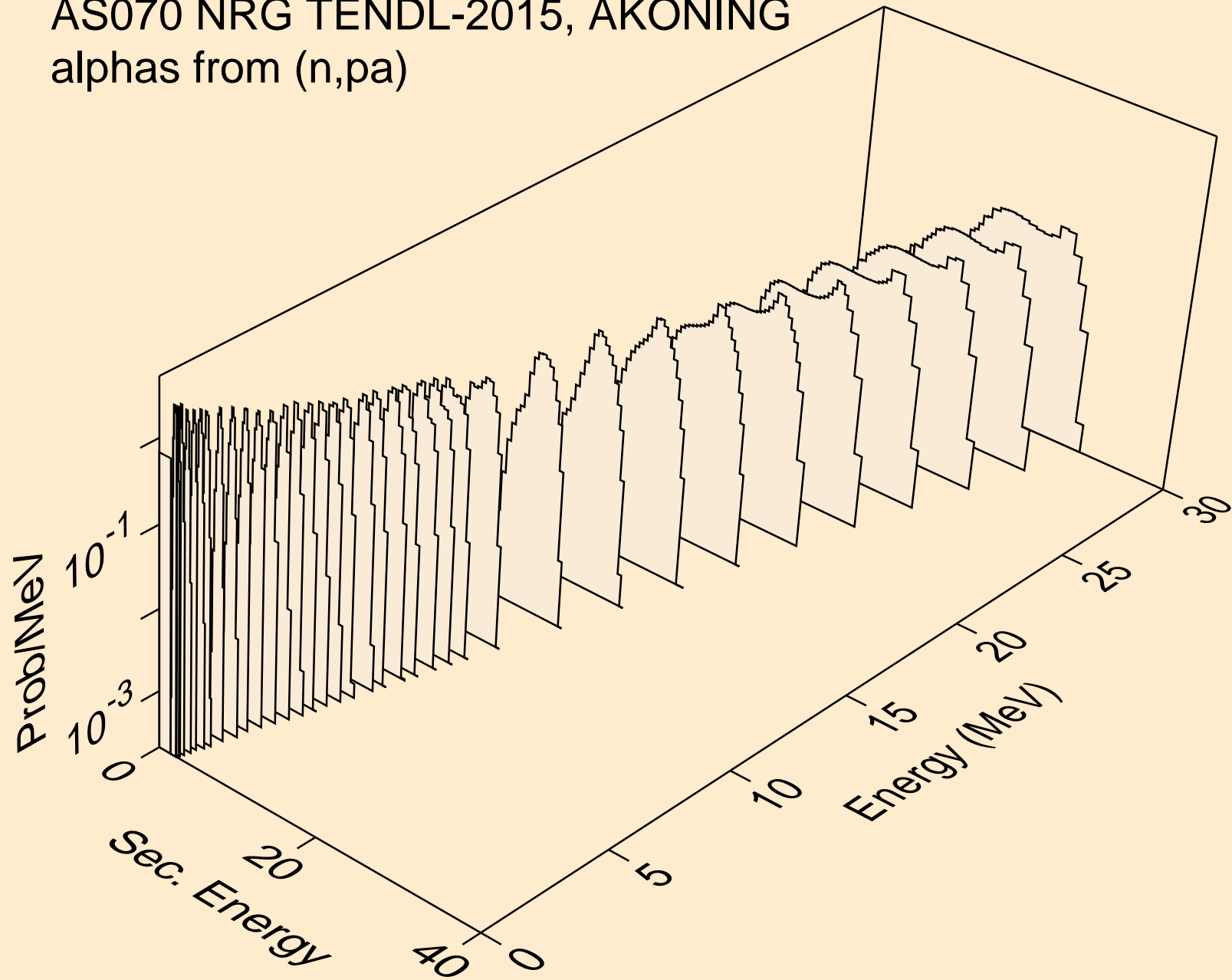
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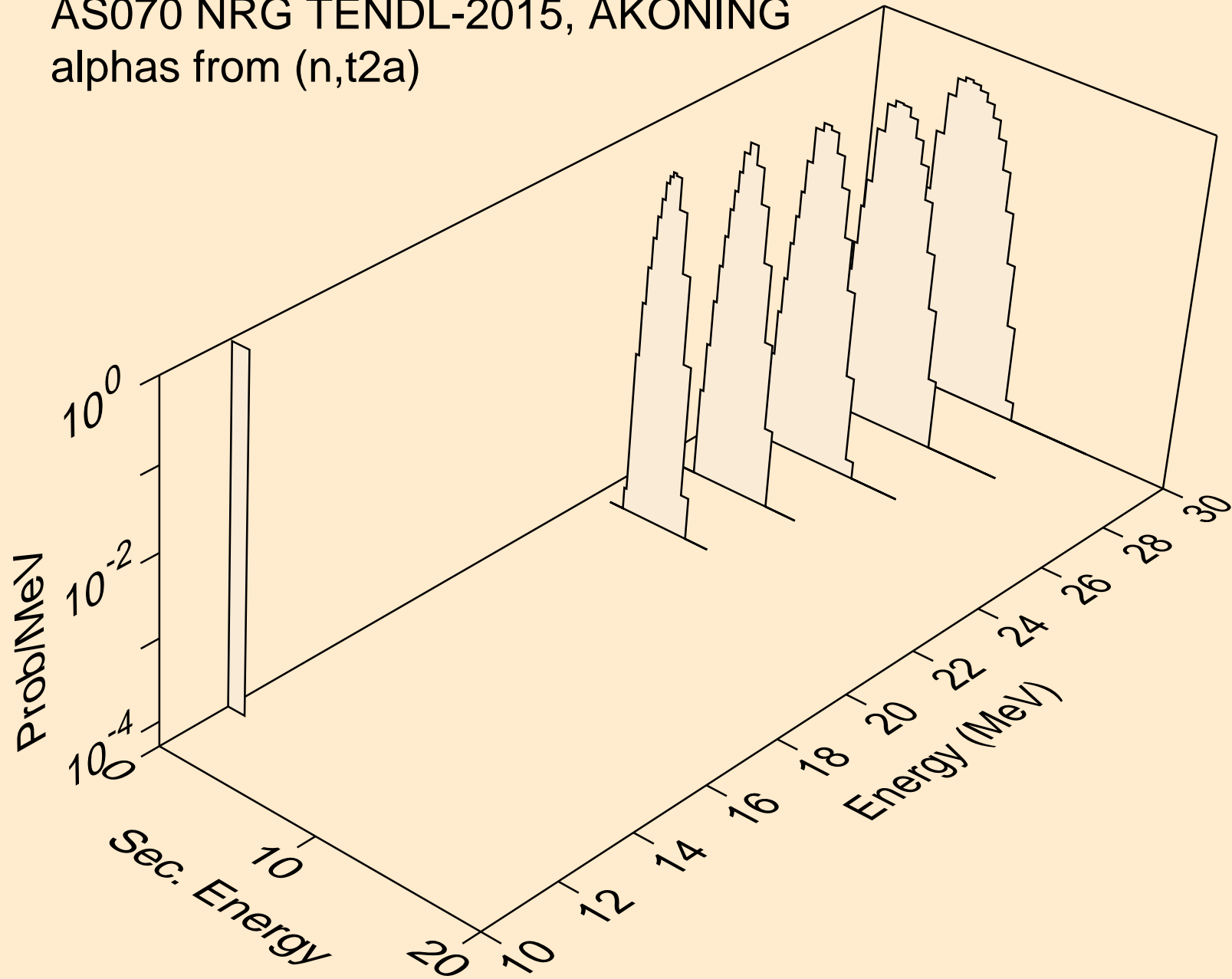
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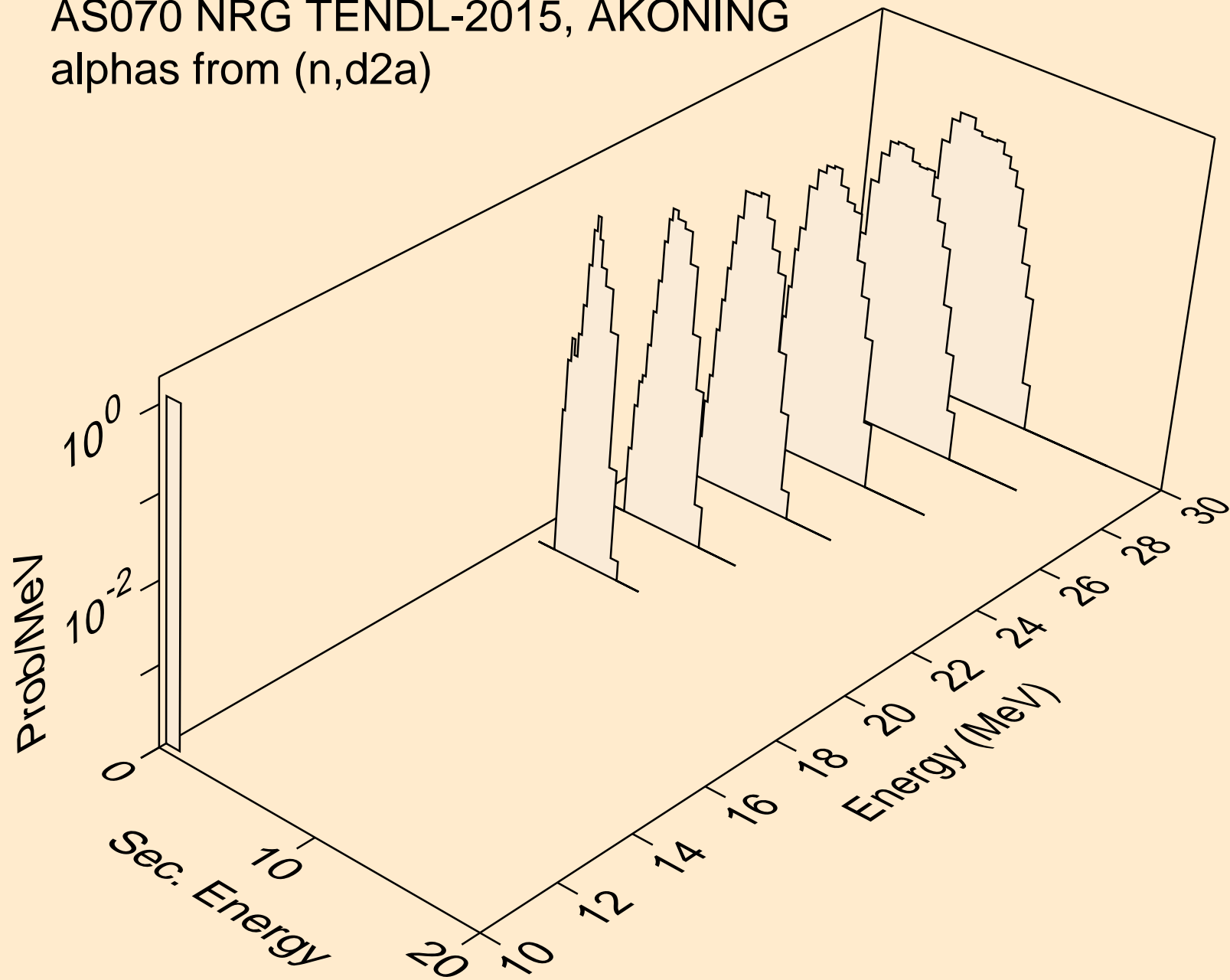
AS070 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AS070 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



AS070 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



AS070 NRG TENDL-2015, AKONING  
alphas from (n,da)

