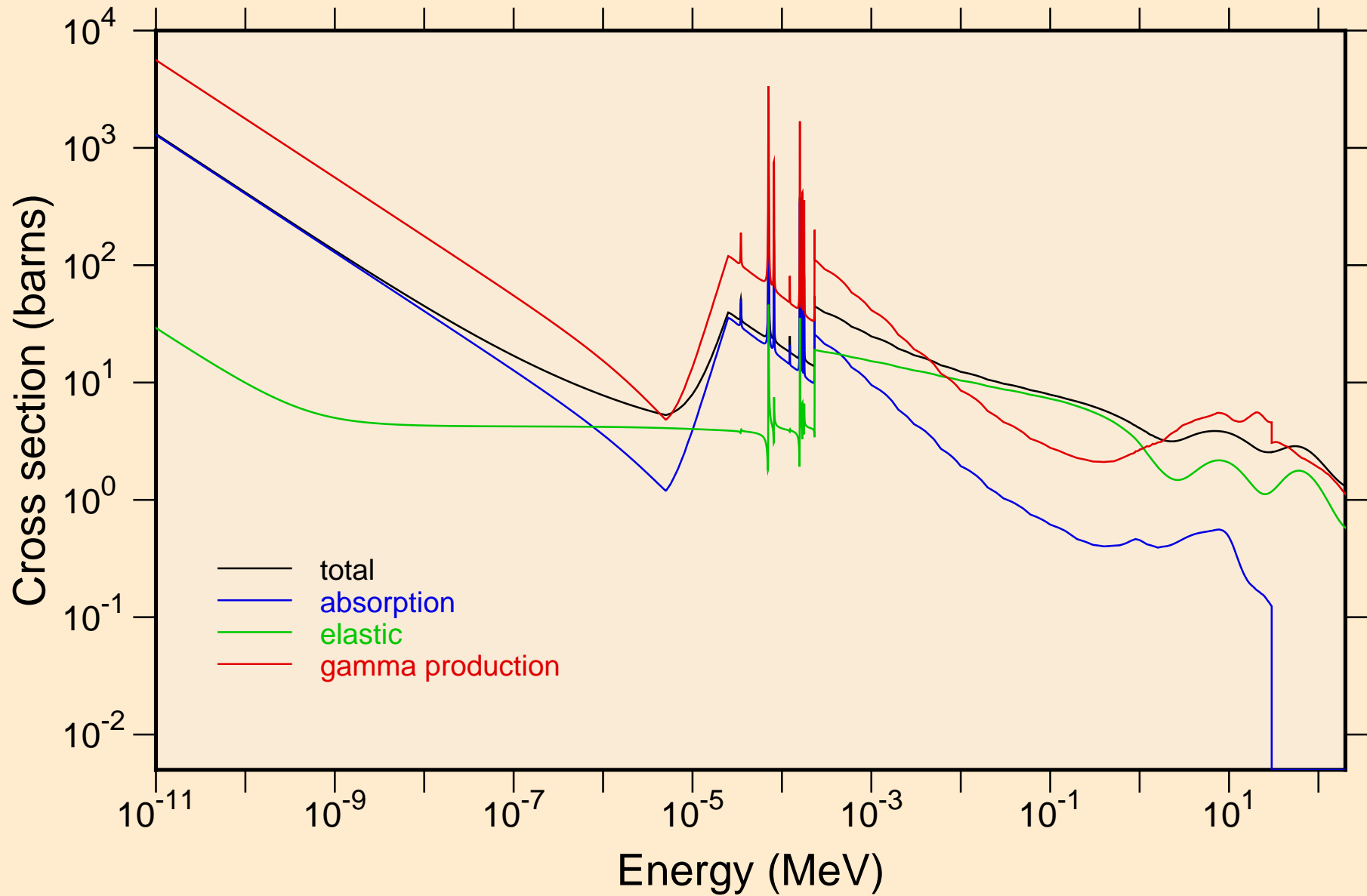


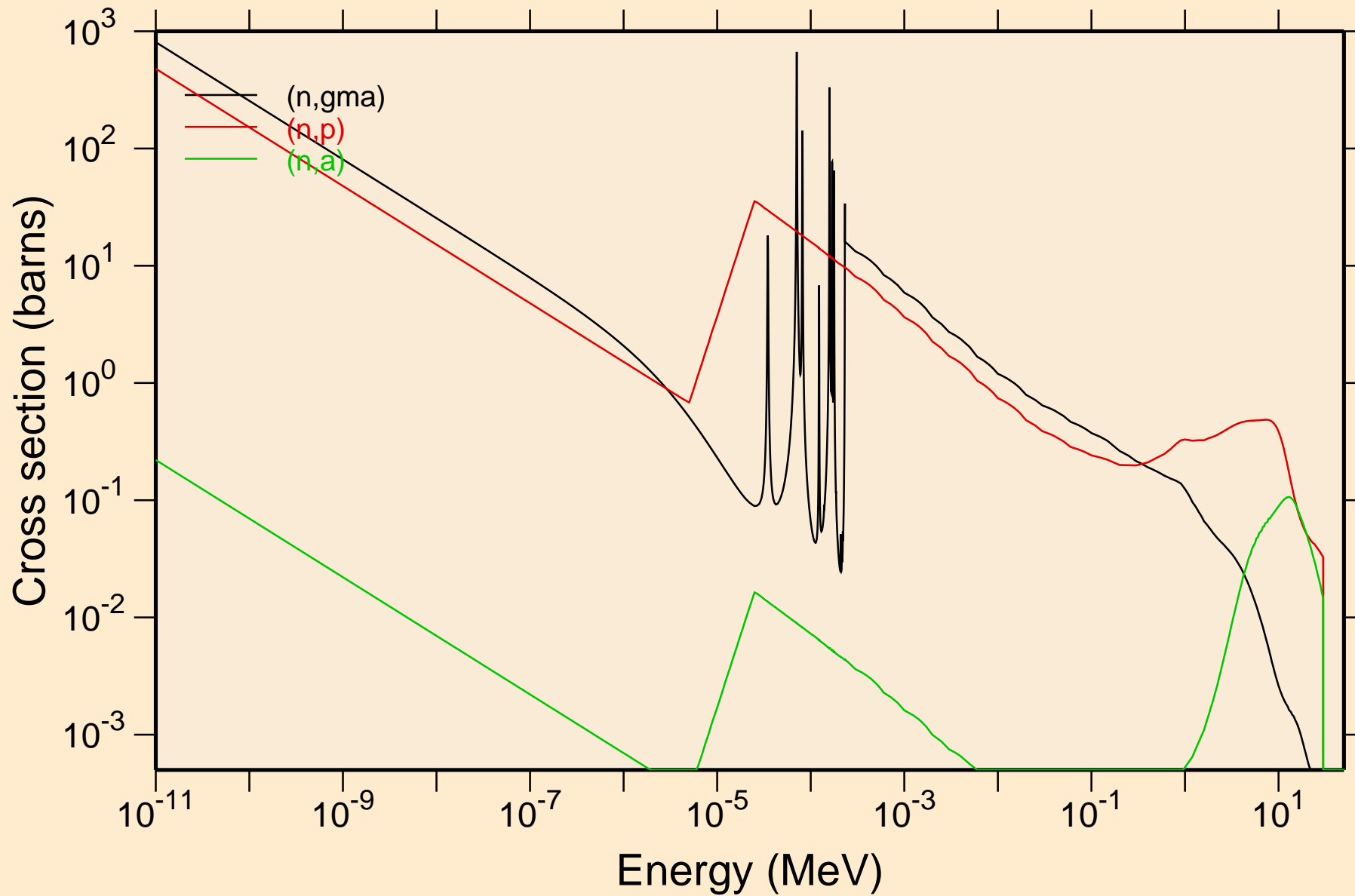
# AS071 NRG TENDL-2015, AKONING

## Principal cross sections



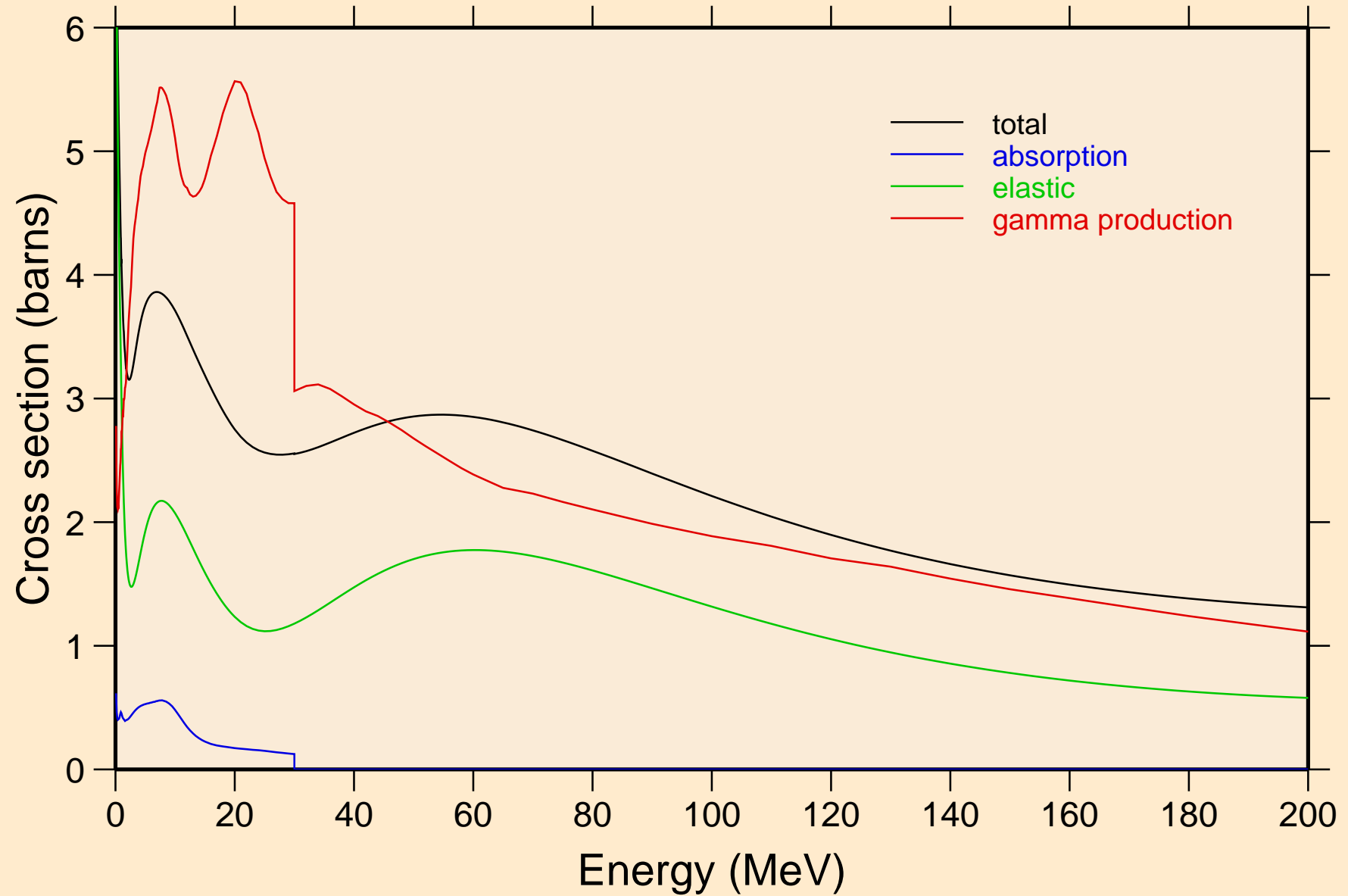
# AS071 NRG TENDL-2015, AKONING

## Non-threshold reactions



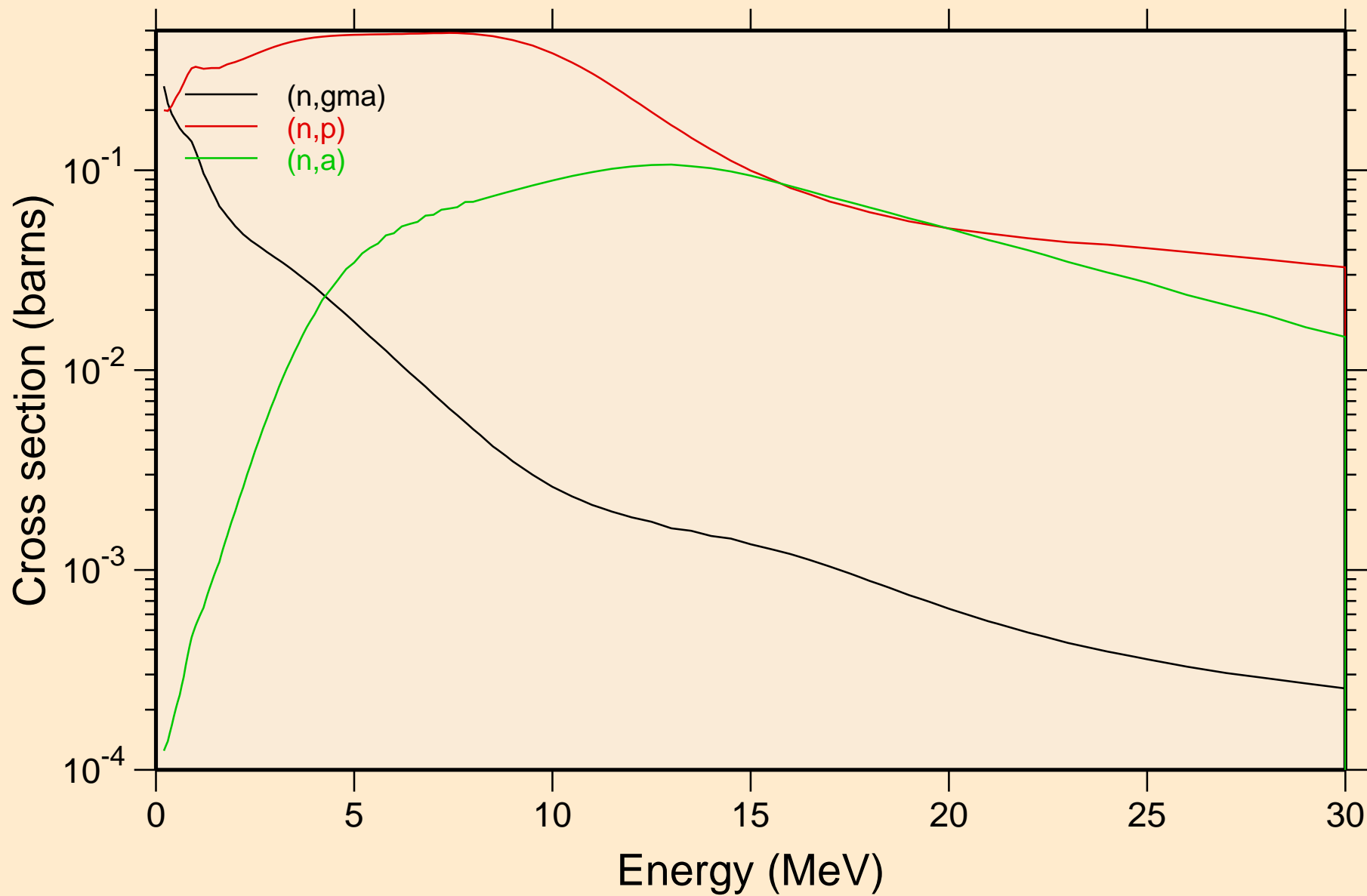
# AS071 NRG TENDL-2015, AKONING

## Principal cross sections



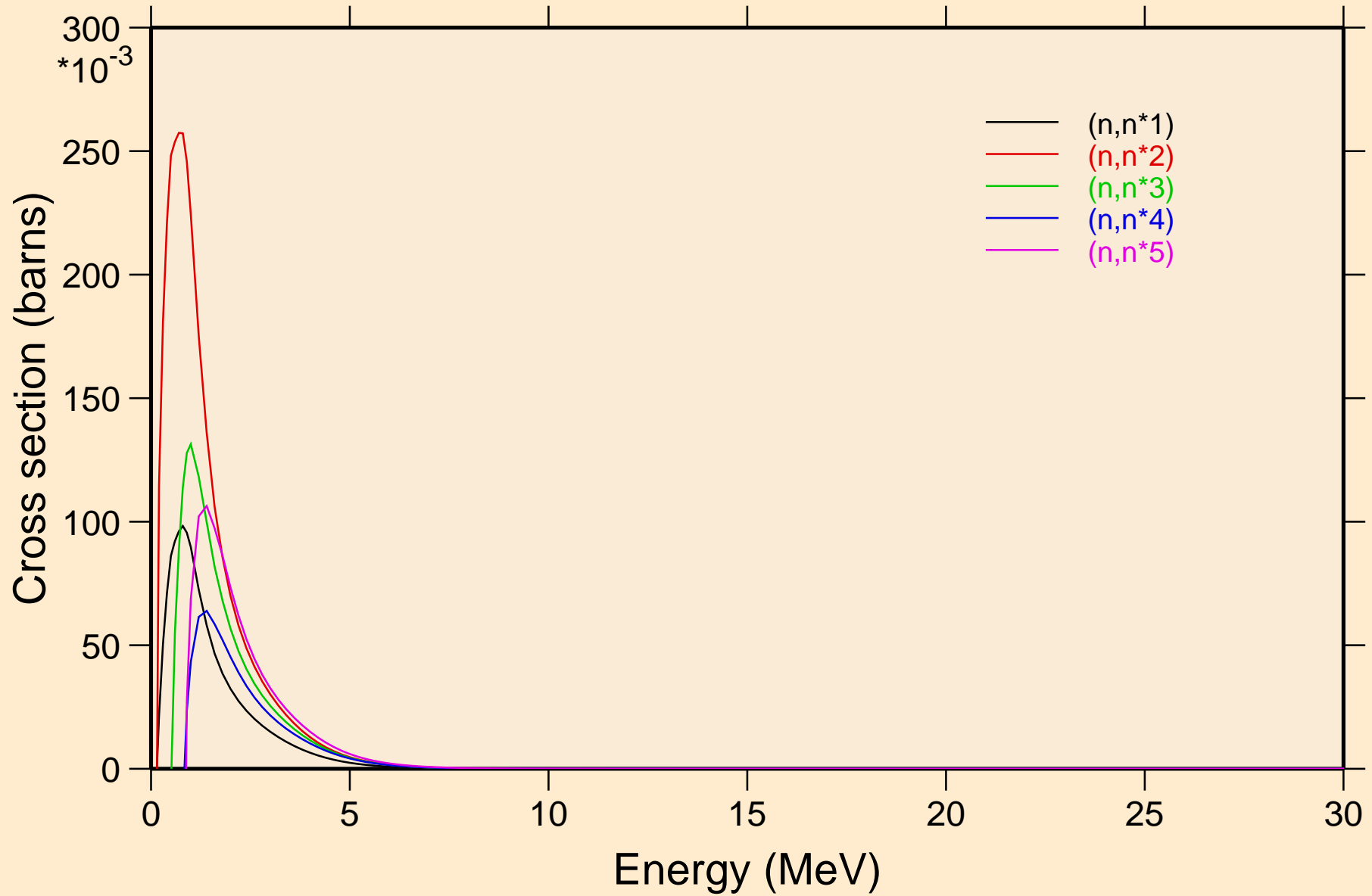
# AS071 NRG TENDL-2015, AKONING

## Non-threshold reactions



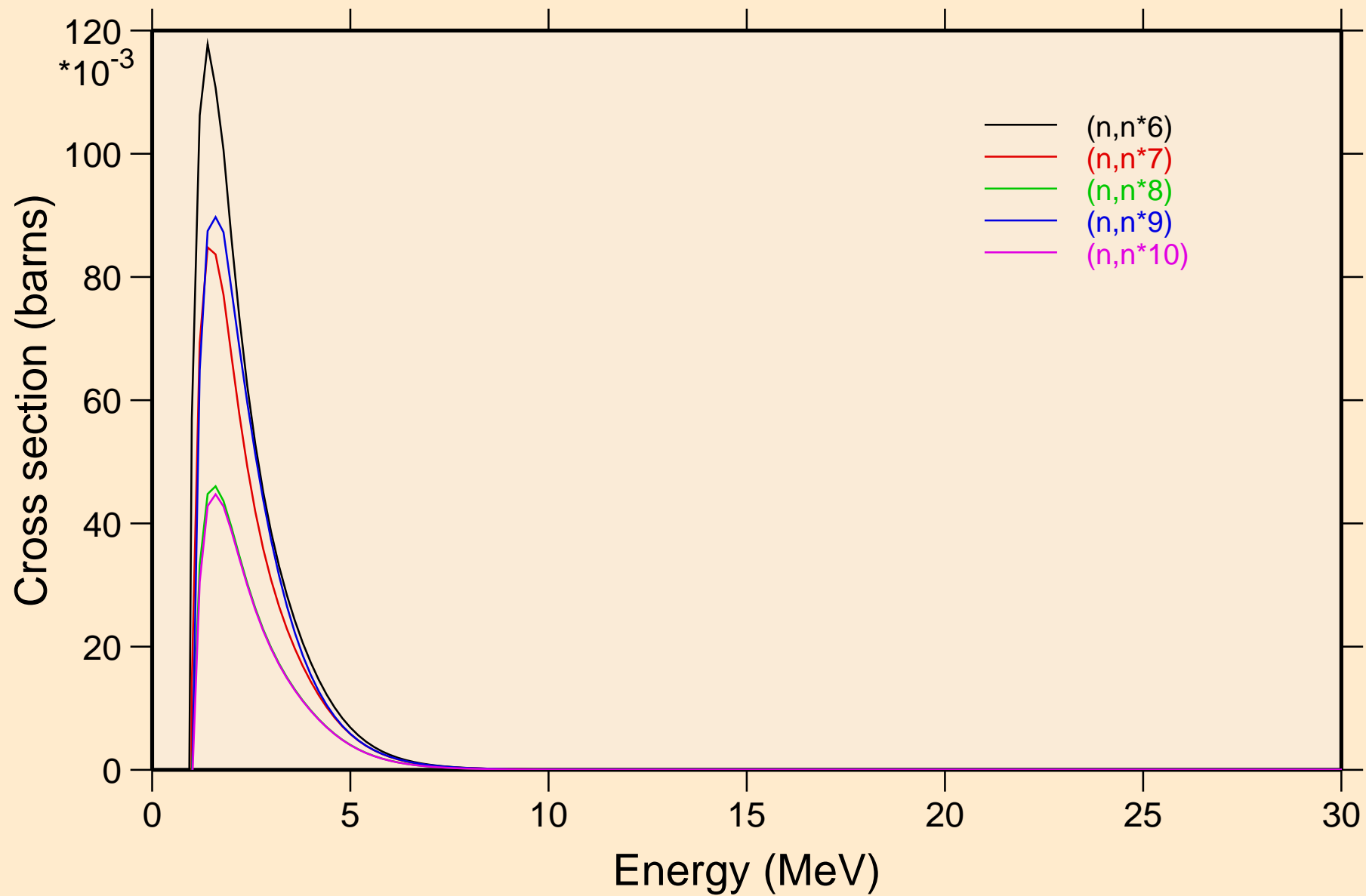
# AS071 NRG TENDL-2015, AKONING

## Inelastic levels



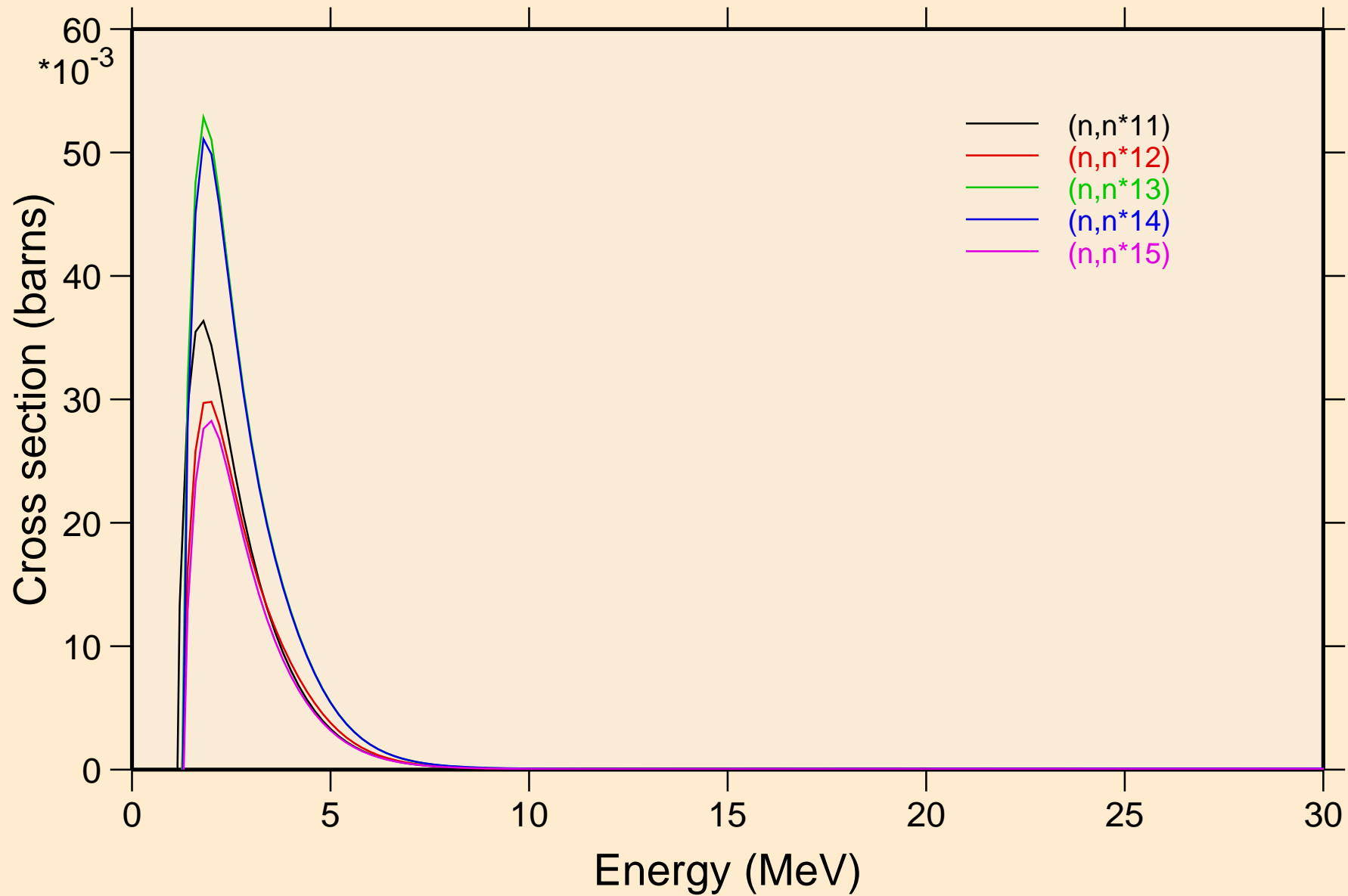
# AS071 NRG TENDL-2015, AKONING

## Inelastic levels



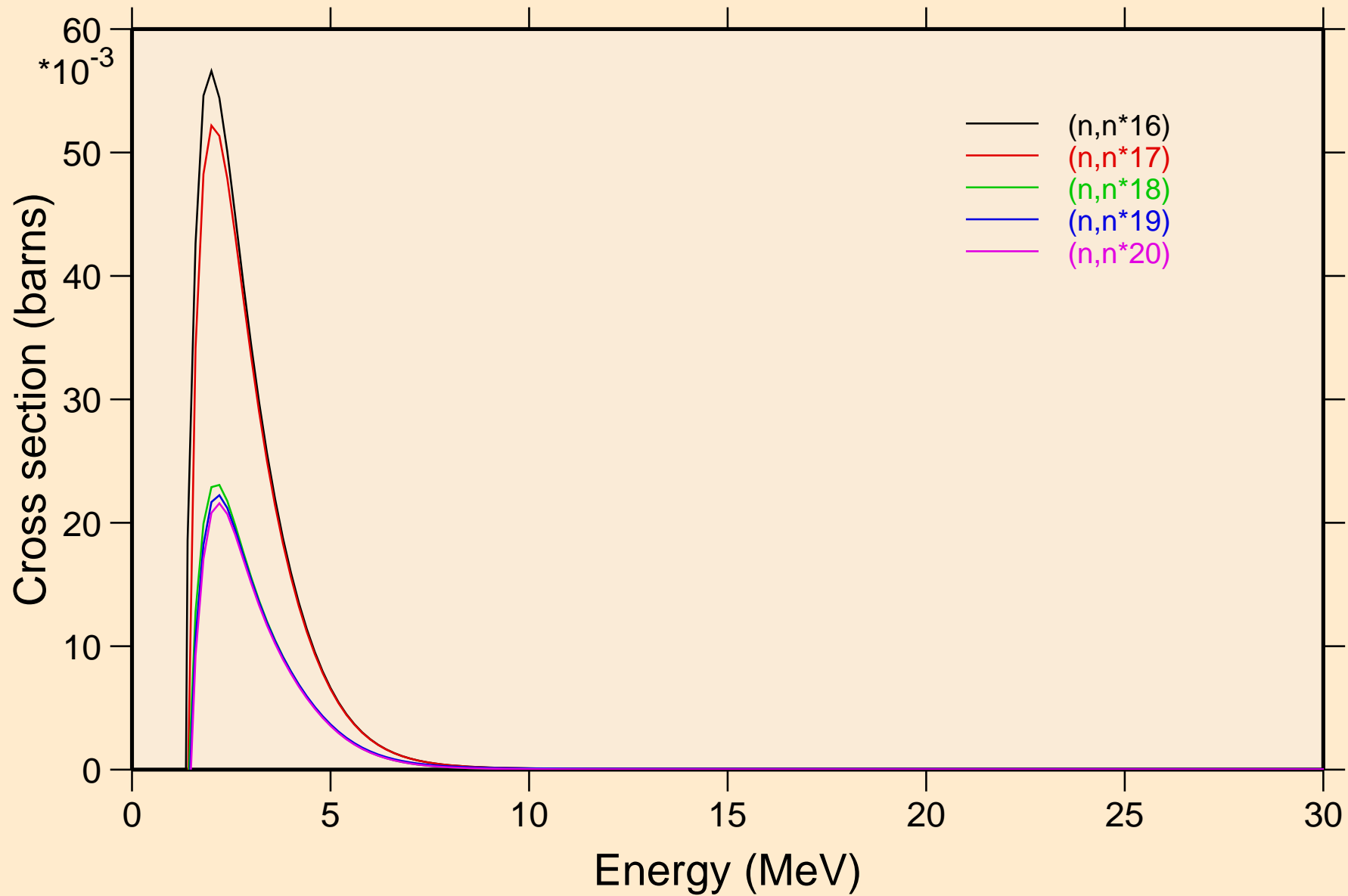
# AS071 NRG TENDL-2015, AKONING

## Inelastic levels



# AS071 NRG TENDL-2015, AKONING

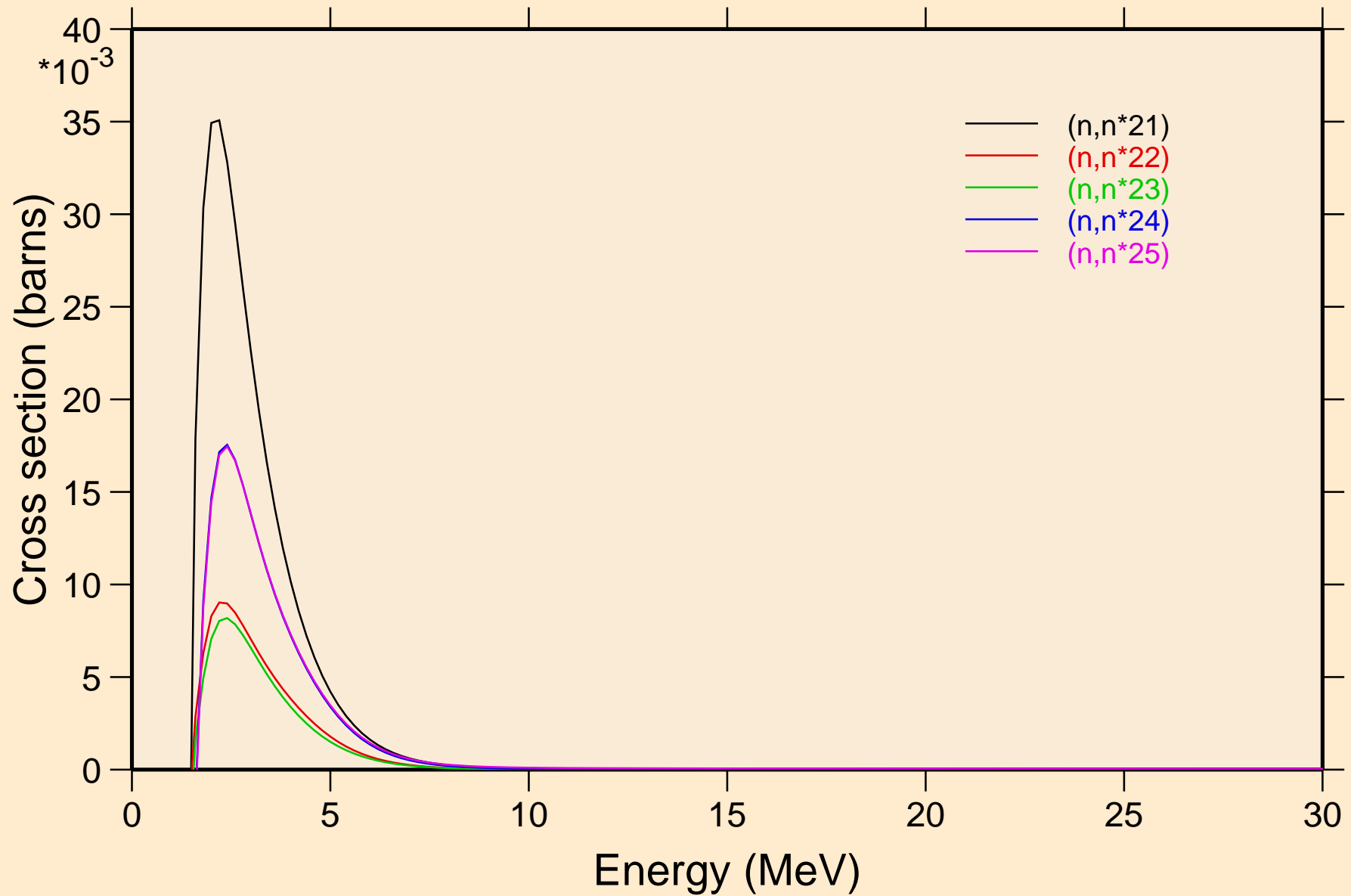
## Inelastic levels





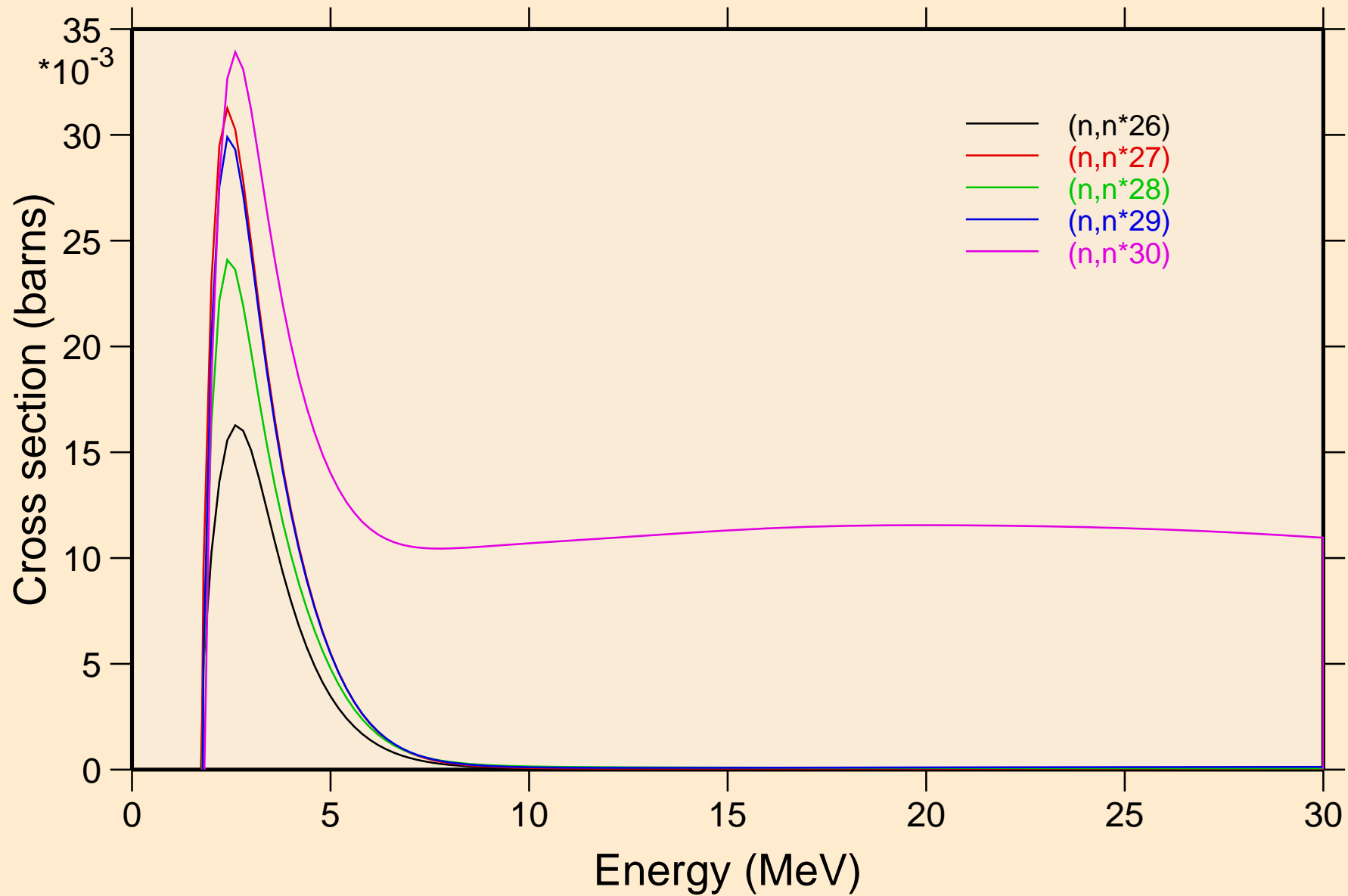
# AS071 NRG TENDL-2015, AKONING

## Inelastic levels



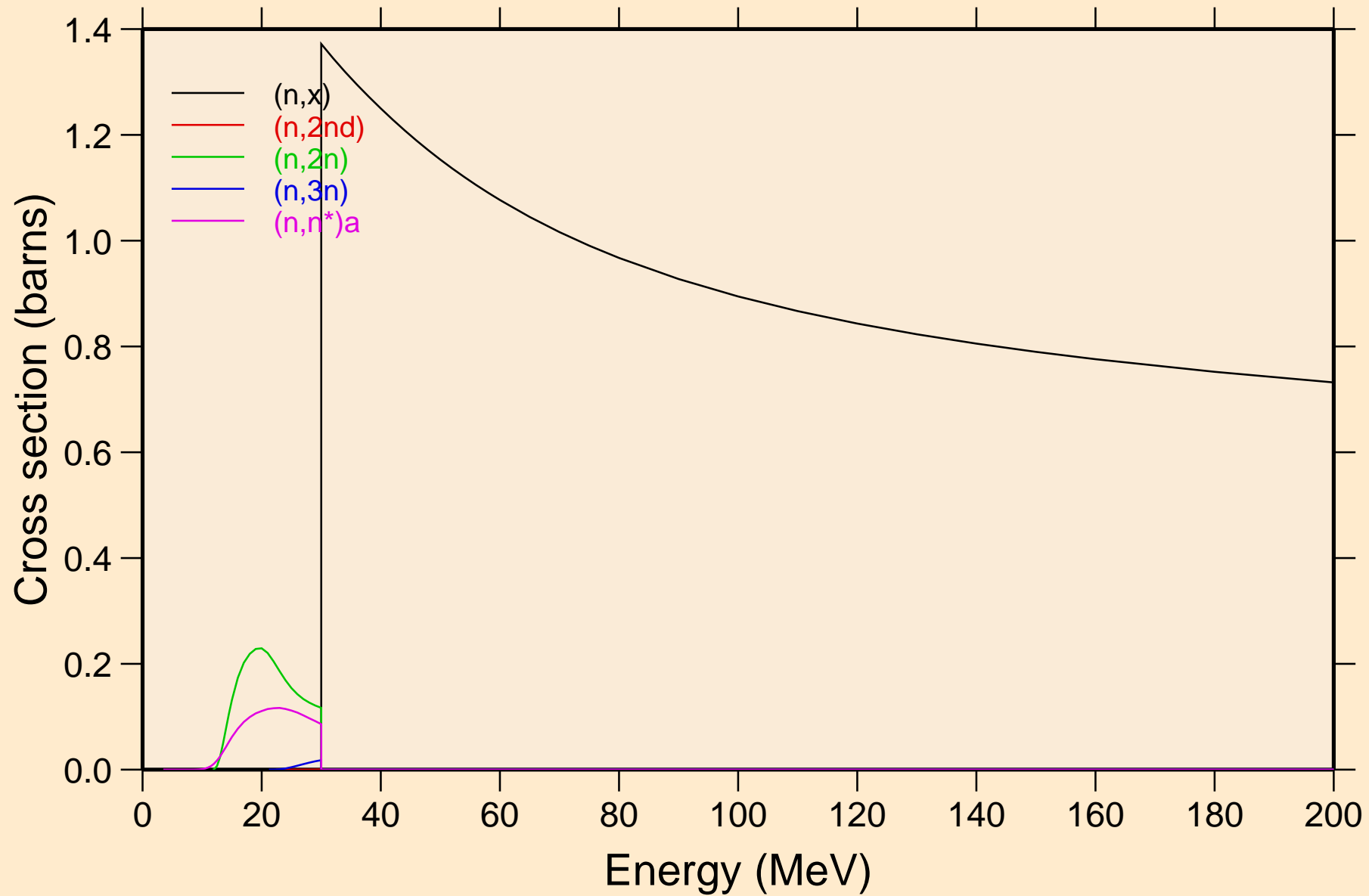
# AS071 NRG TENDL-2015, AKONING

## Inelastic levels



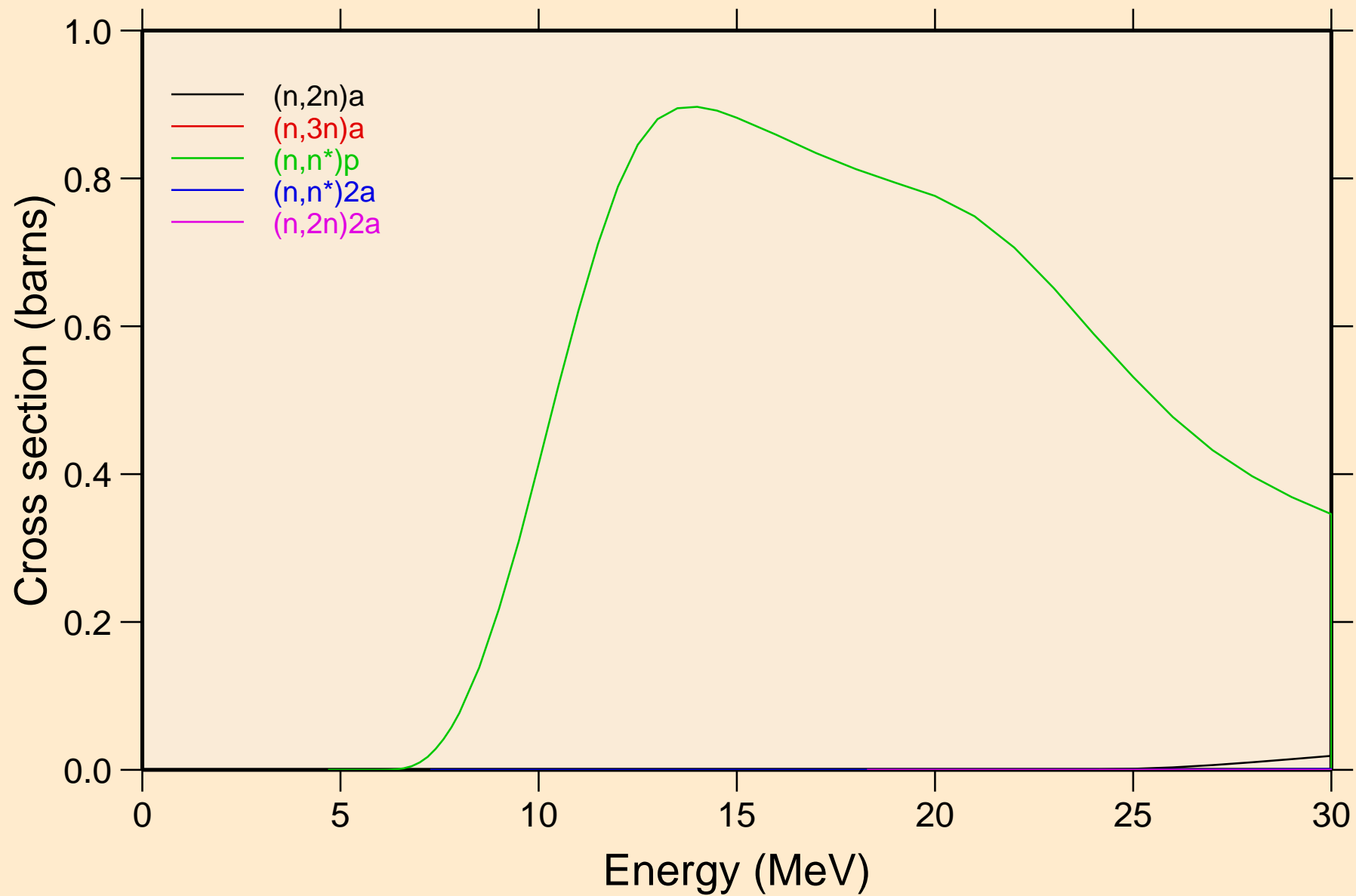
# AS071 NRG TENDL-2015, AKONING

## Threshold reactions



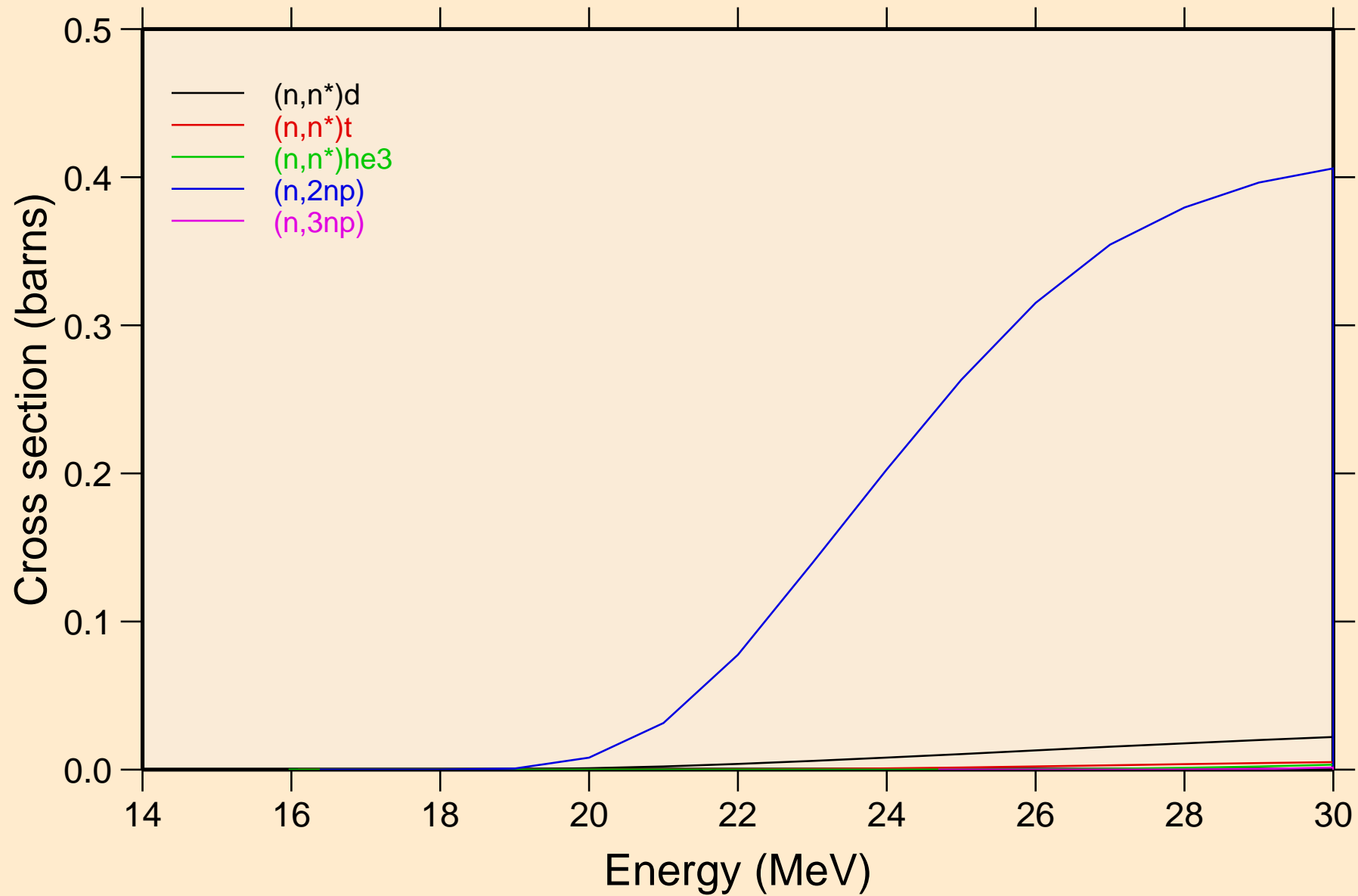
# AS071 NRG TENDL-2015, AKONING

## Threshold reactions



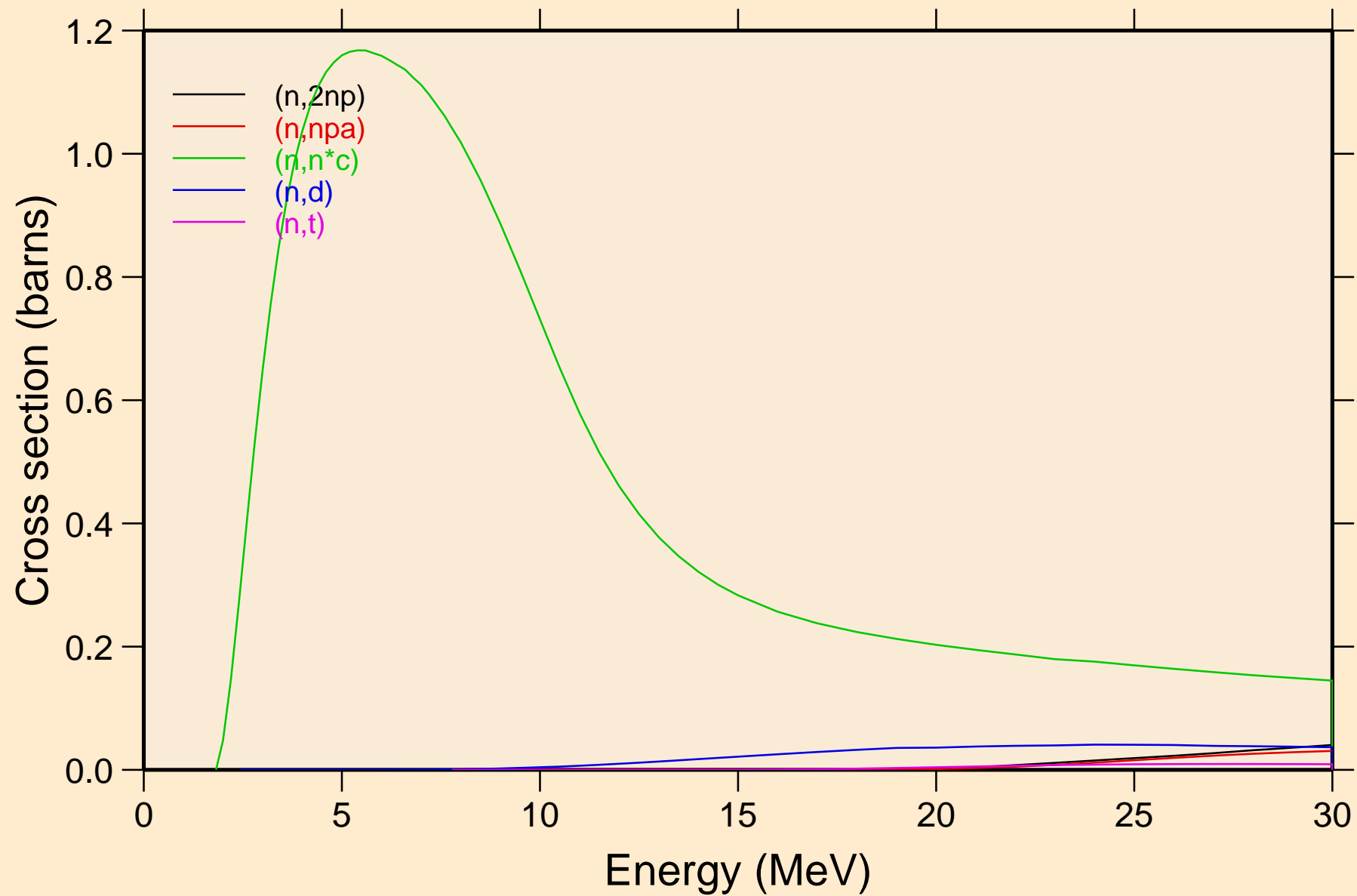
# AS071 NRG TENDL-2015, AKONING

## Threshold reactions



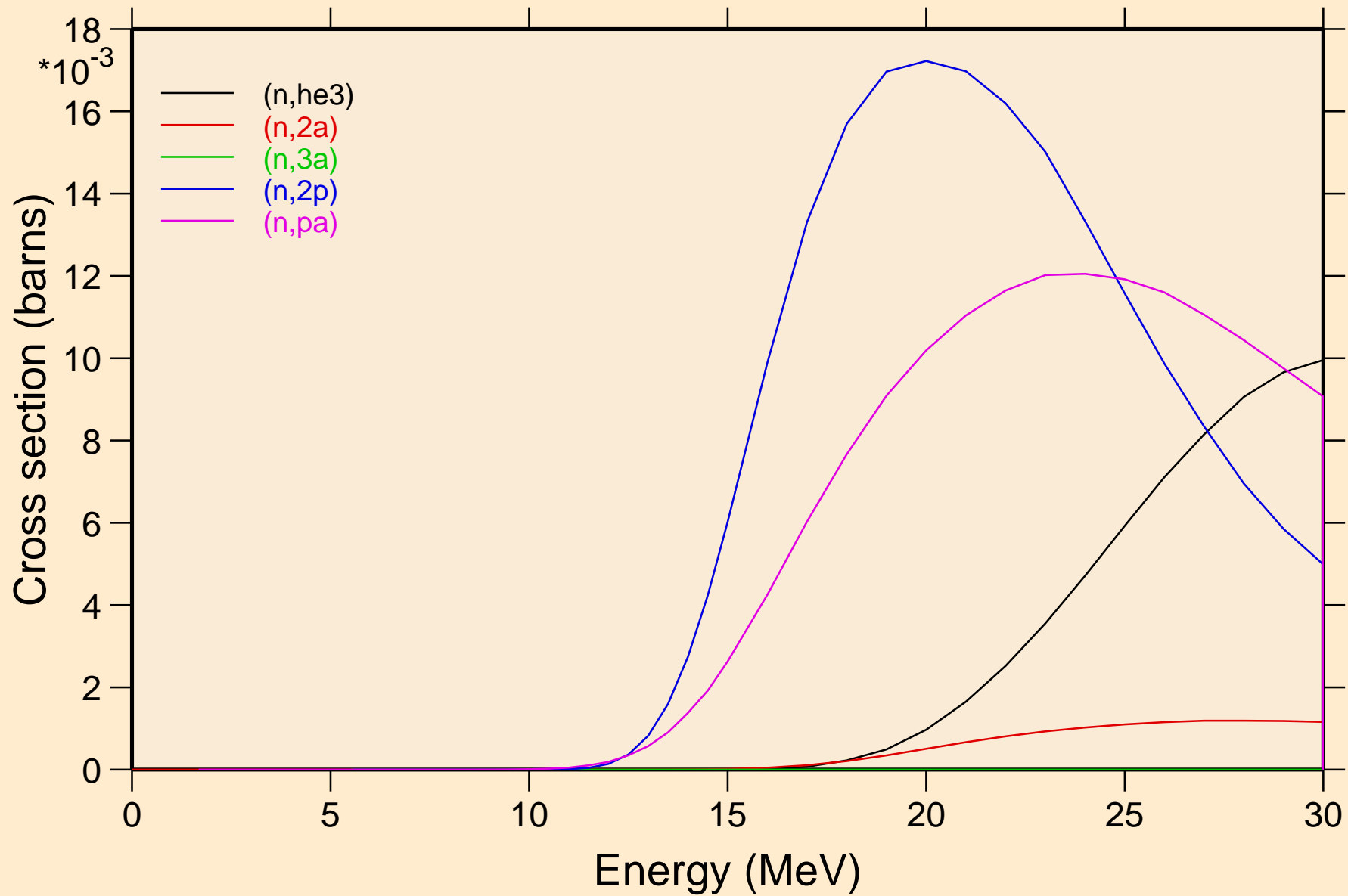
# AS071 NRG TENDL-2015, AKONING

## Threshold reactions



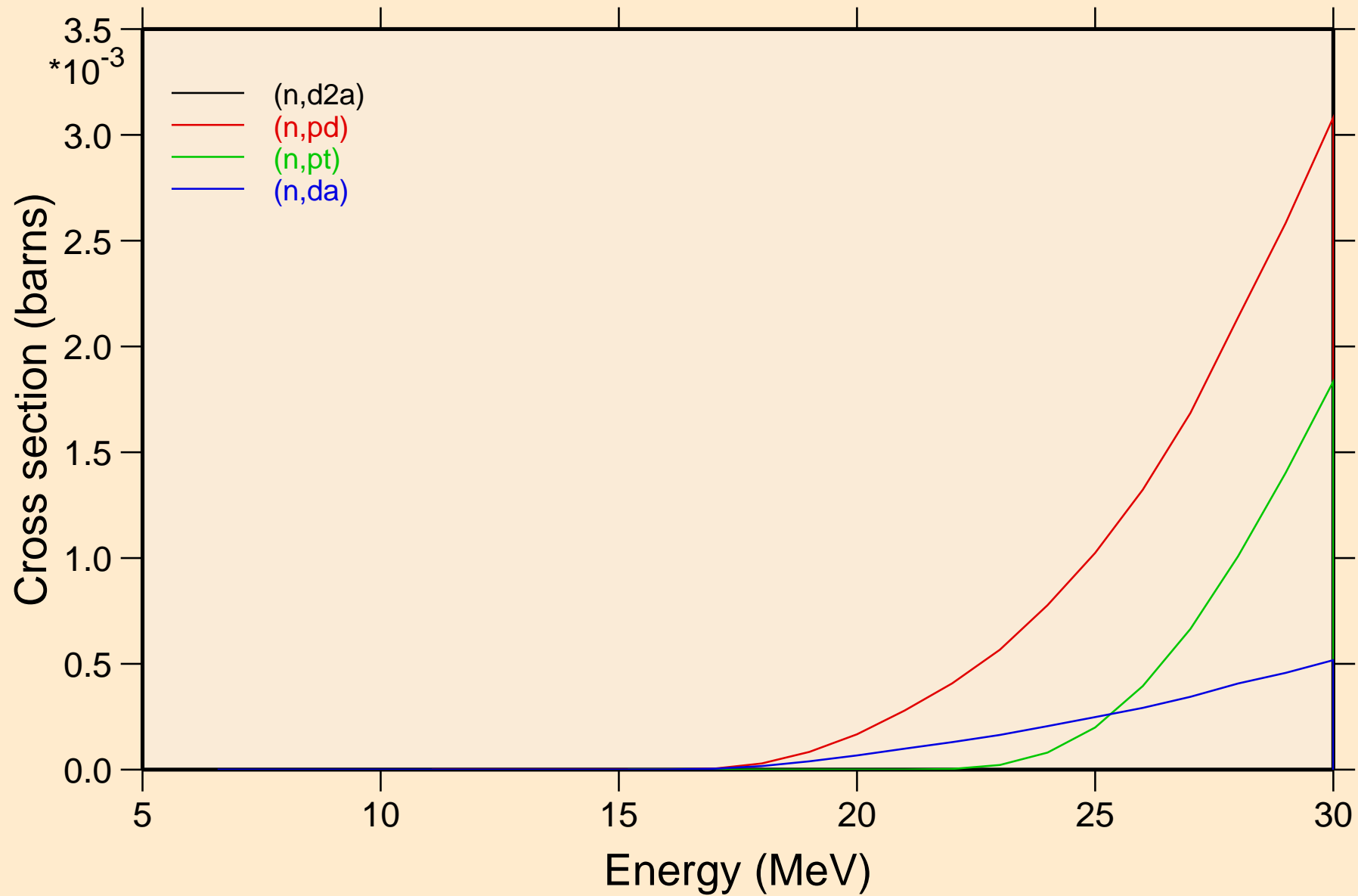
# AS071 NRG TENDL-2015, AKONING

## Threshold reactions



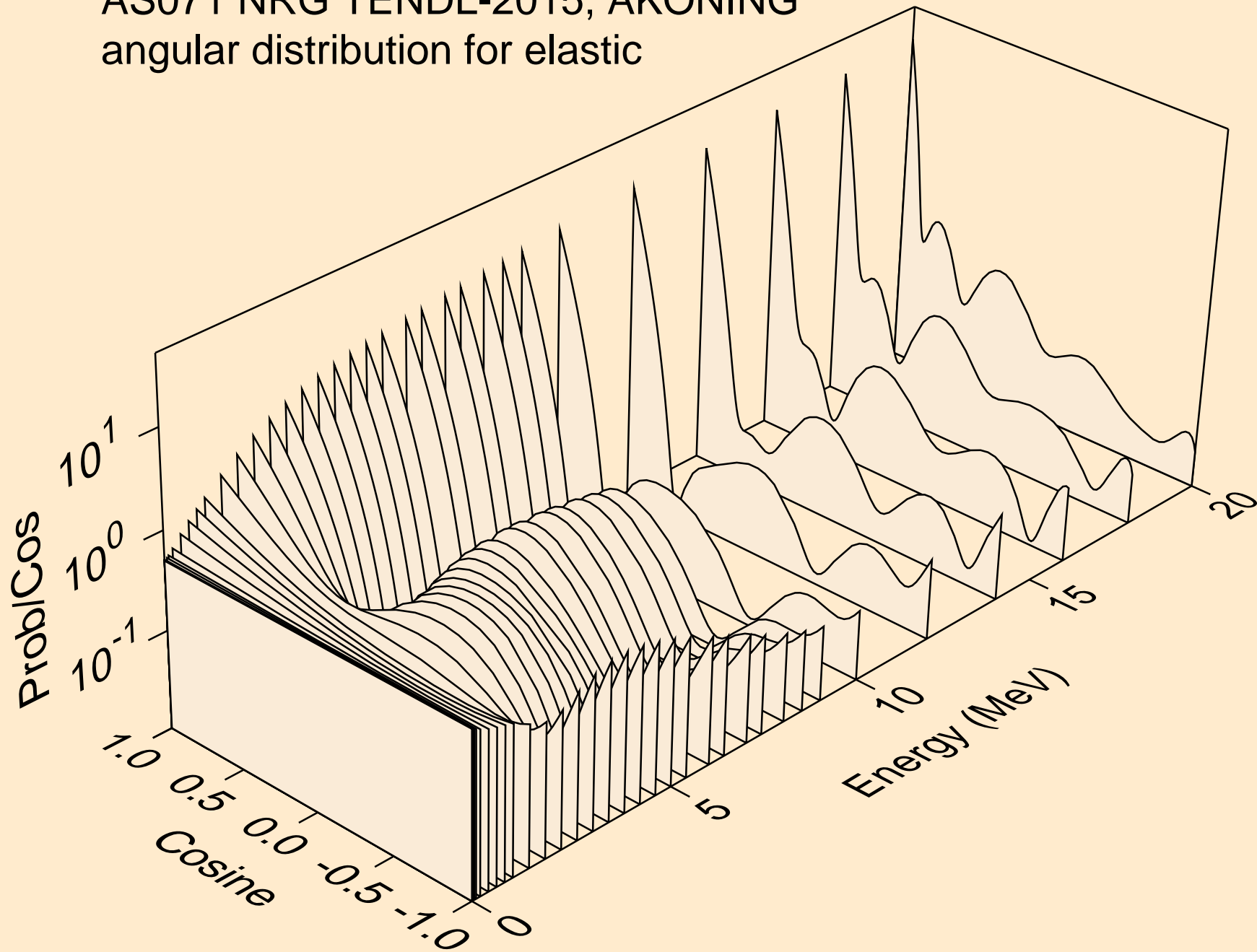
# AS071 NRG TENDL-2015, AKONING

## Threshold reactions

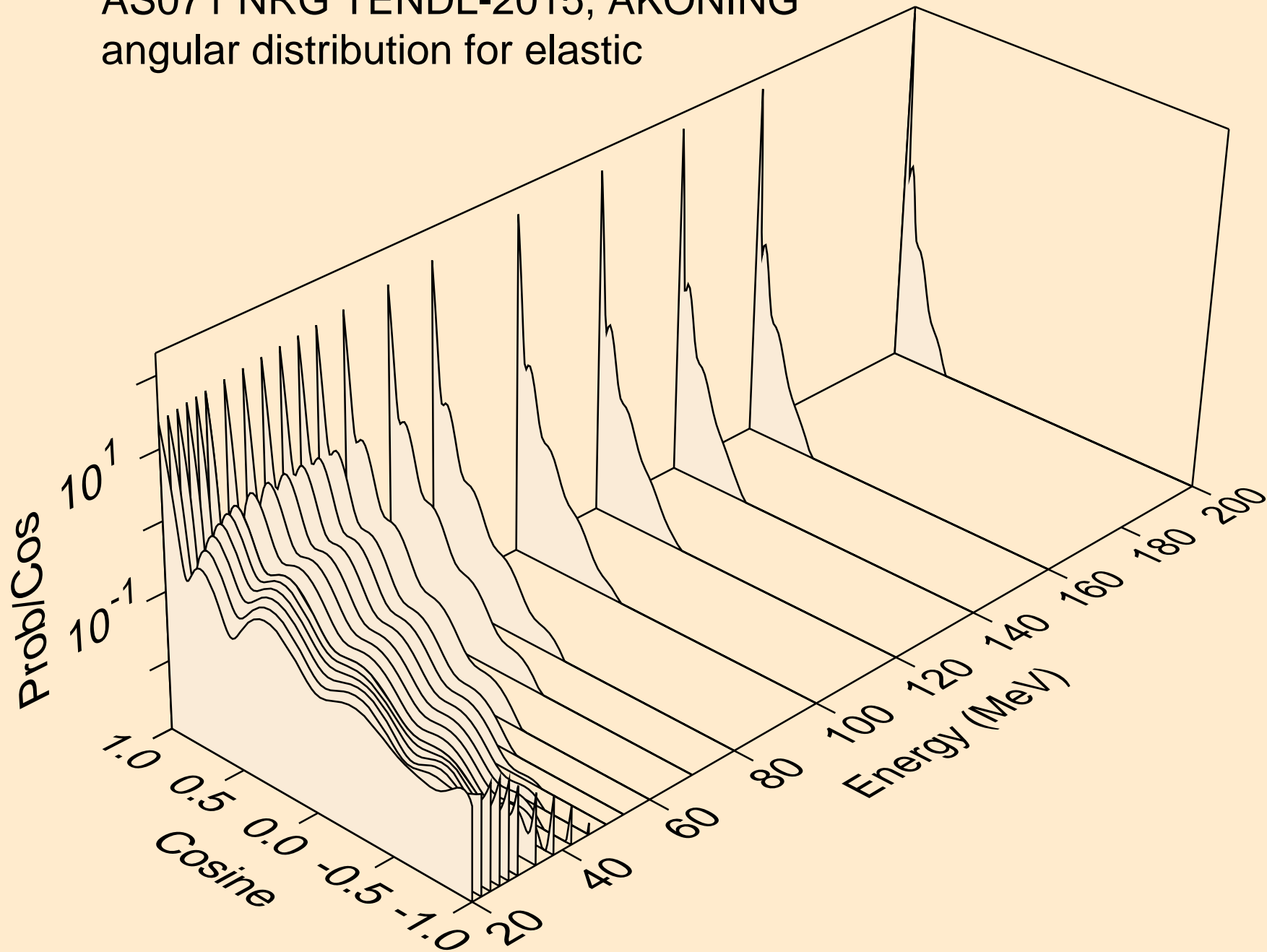




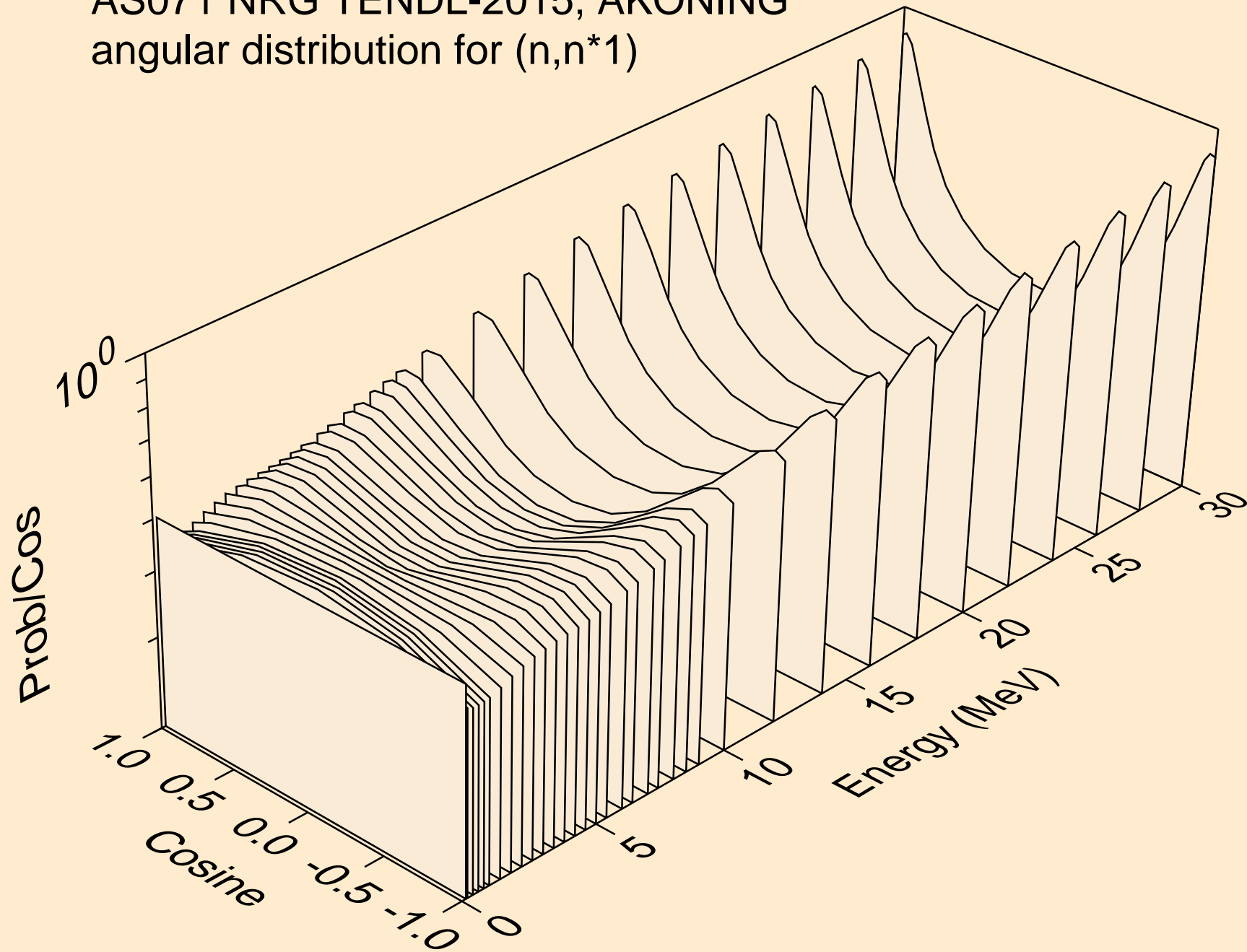
AS071 NRG TENDL-2015, AKONING  
angular distribution for elastic



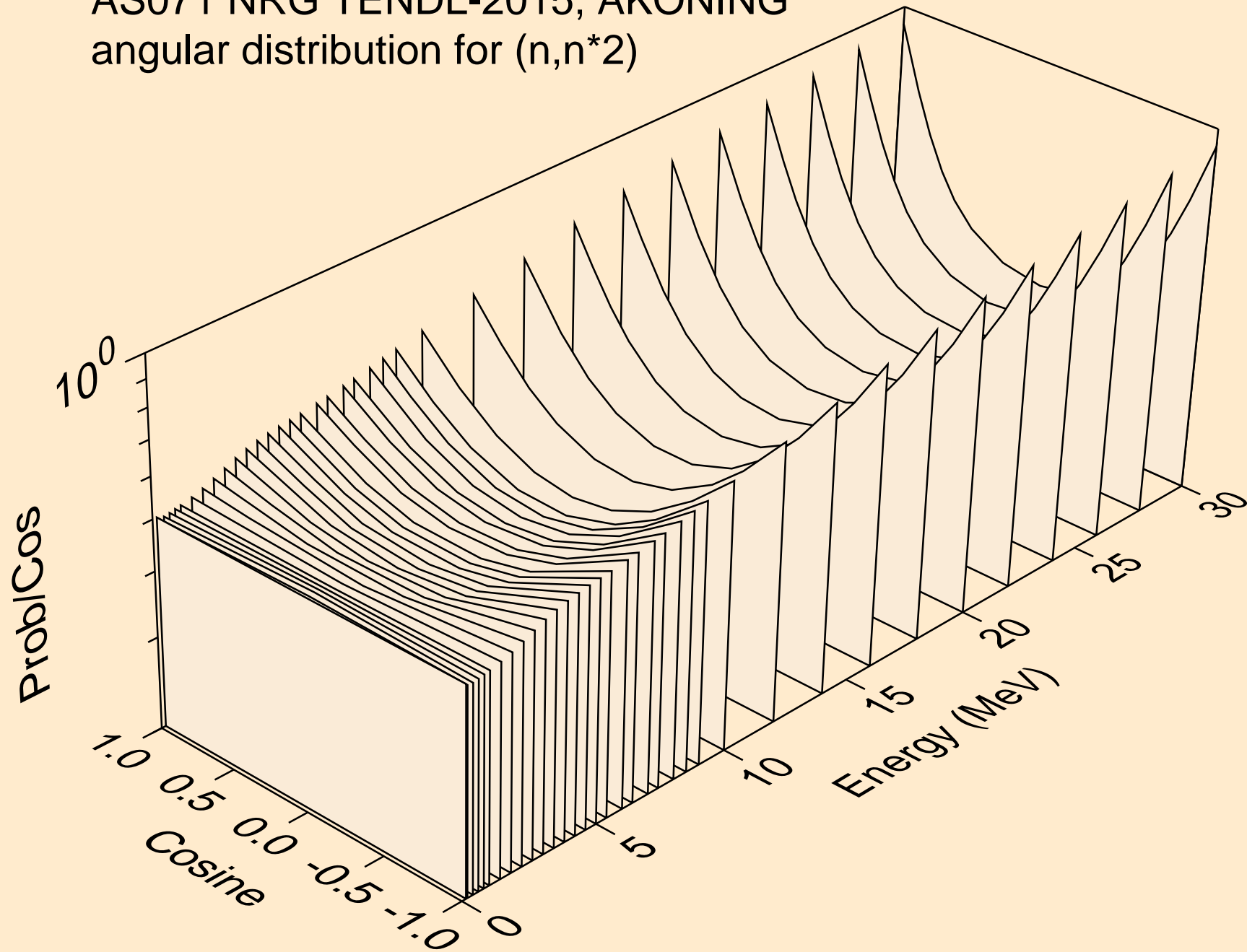
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angular distribution for elastic



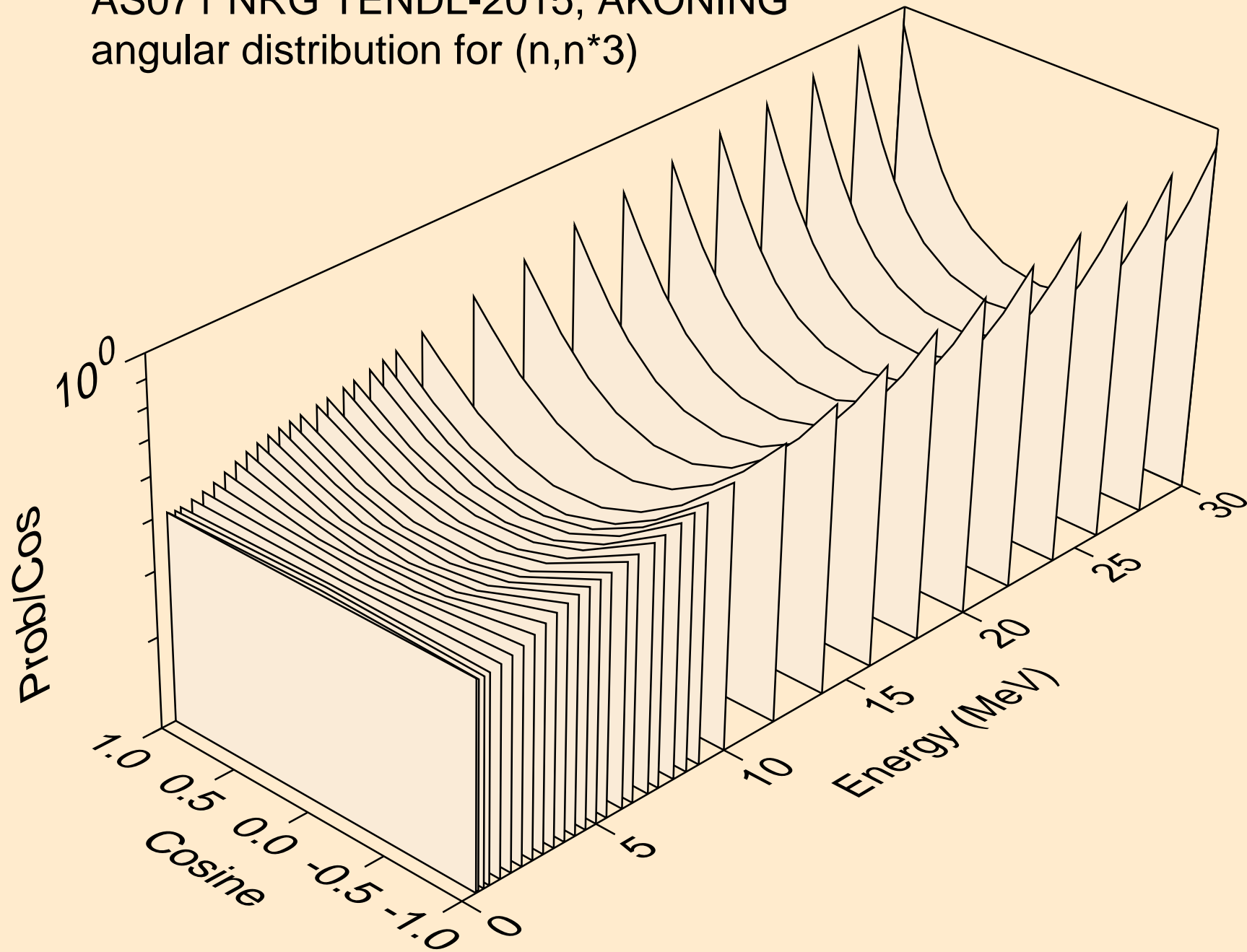
AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



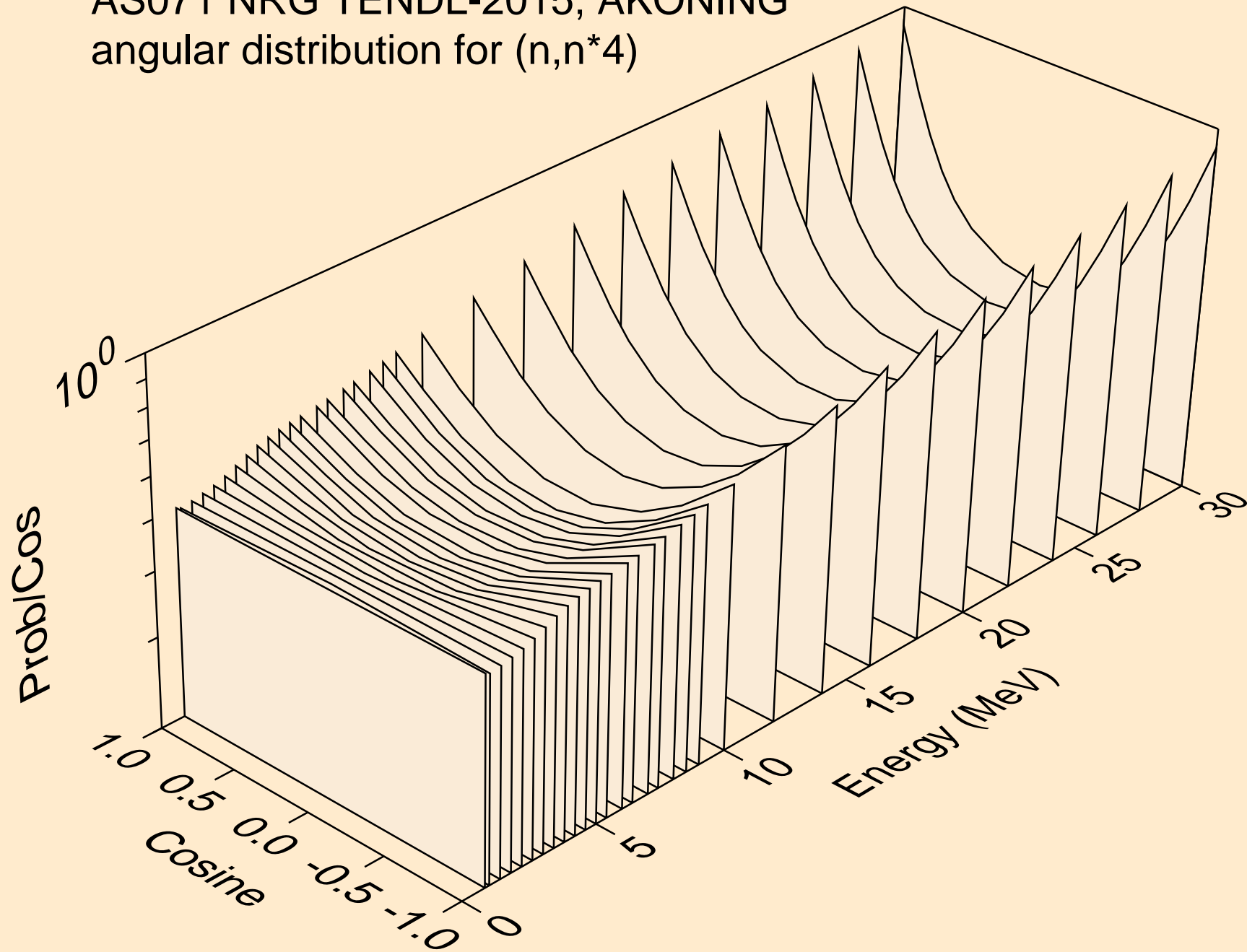
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angular distribution for (n,n\*2)



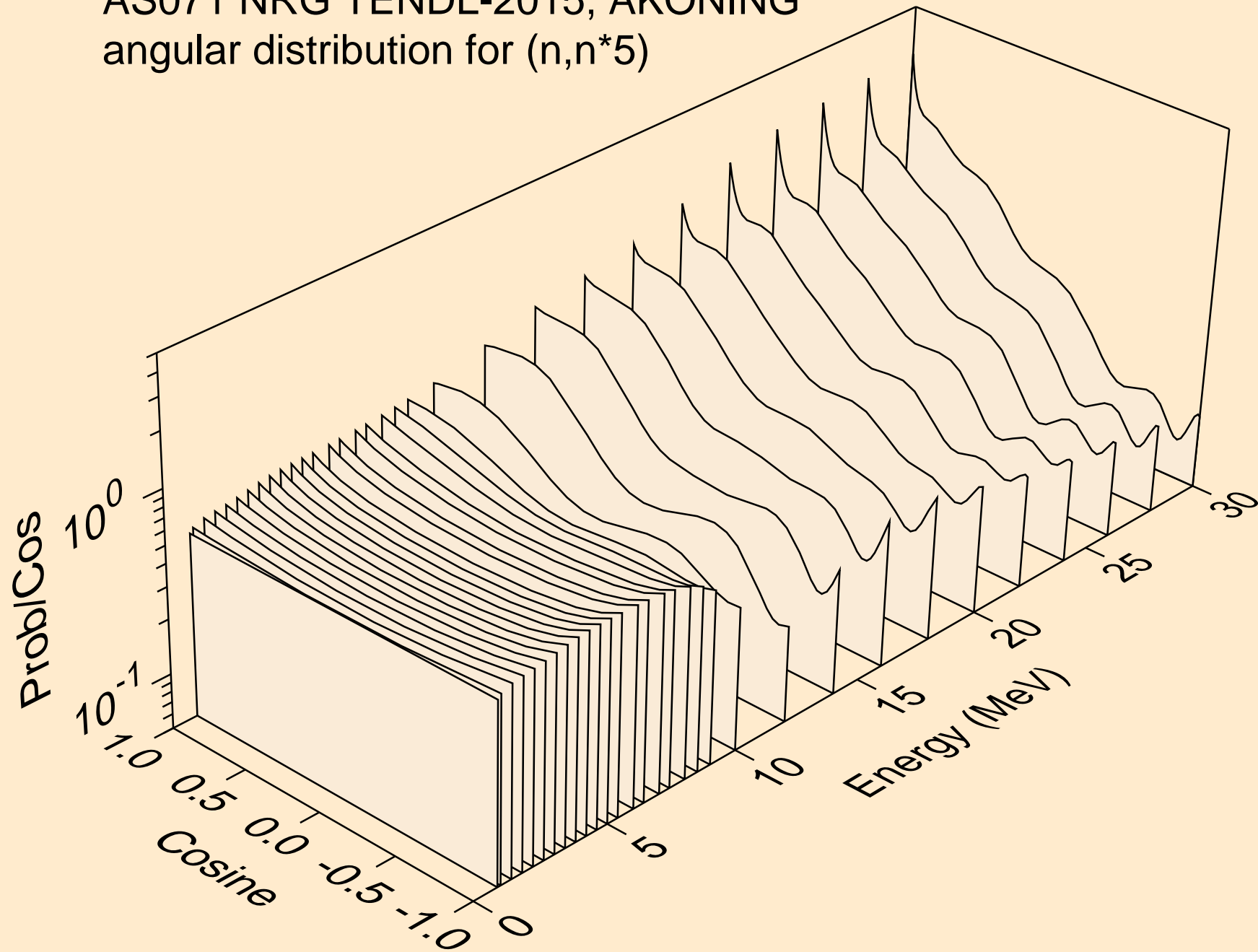
AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



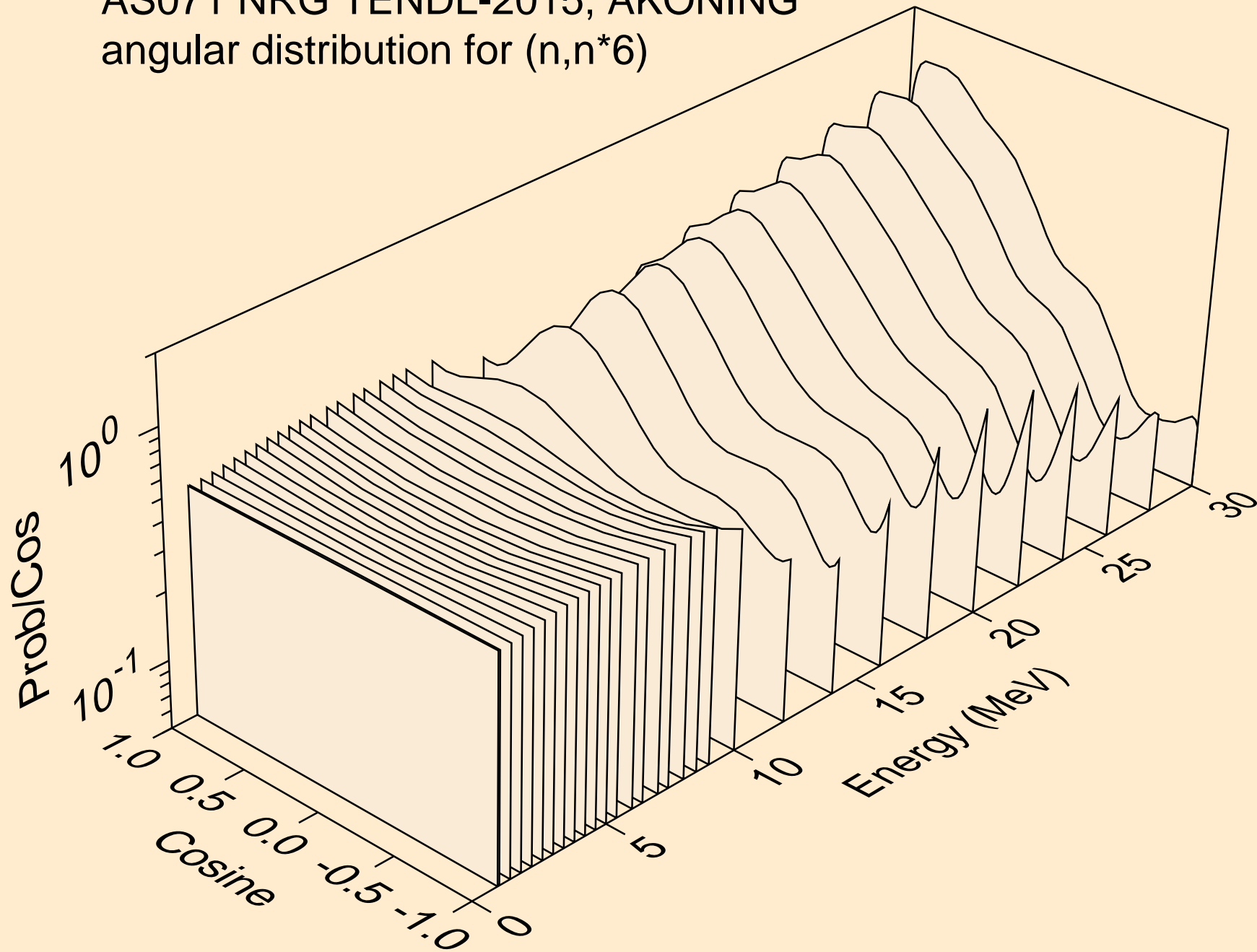
AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

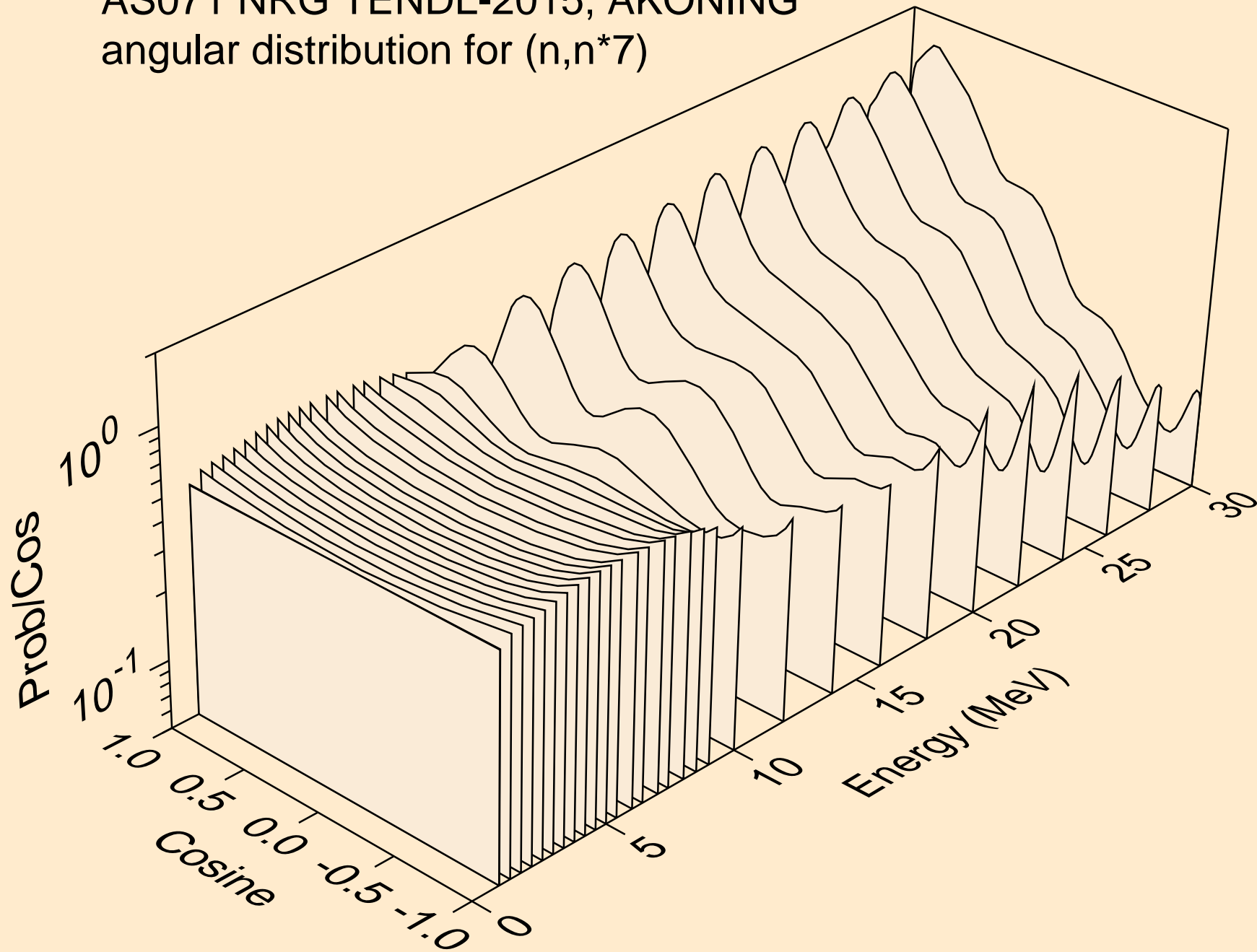


AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

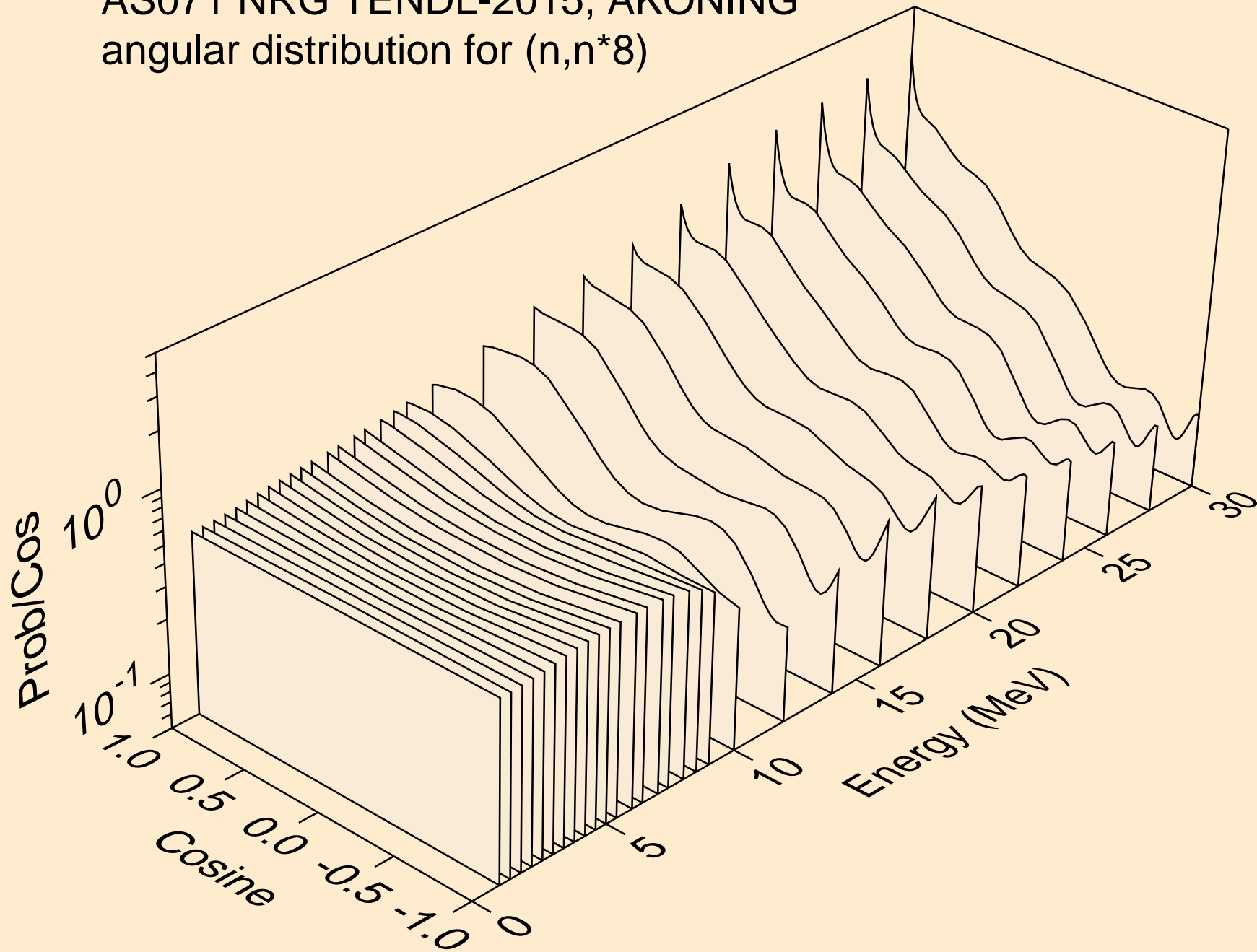




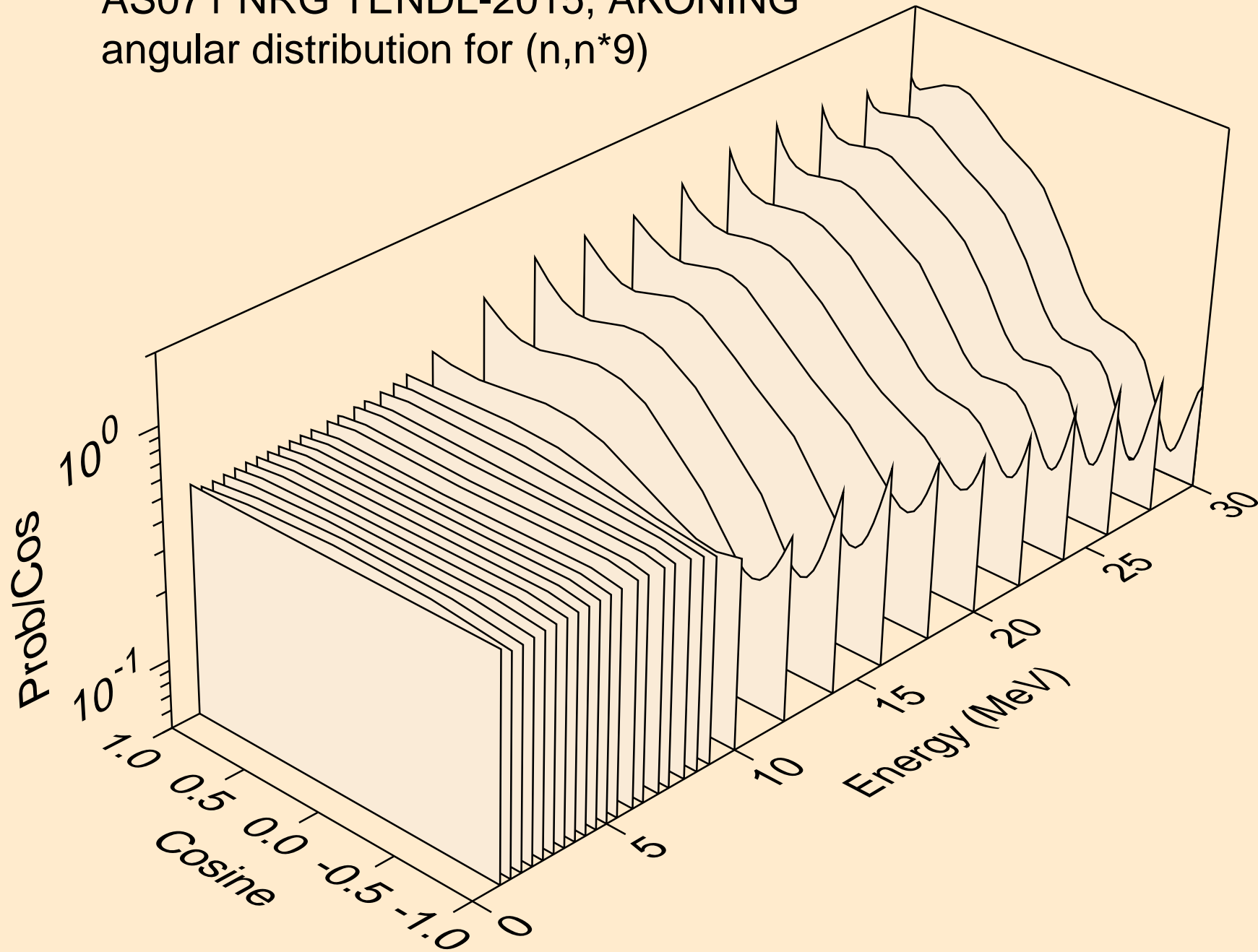
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angular distribution for (n,n\*7)



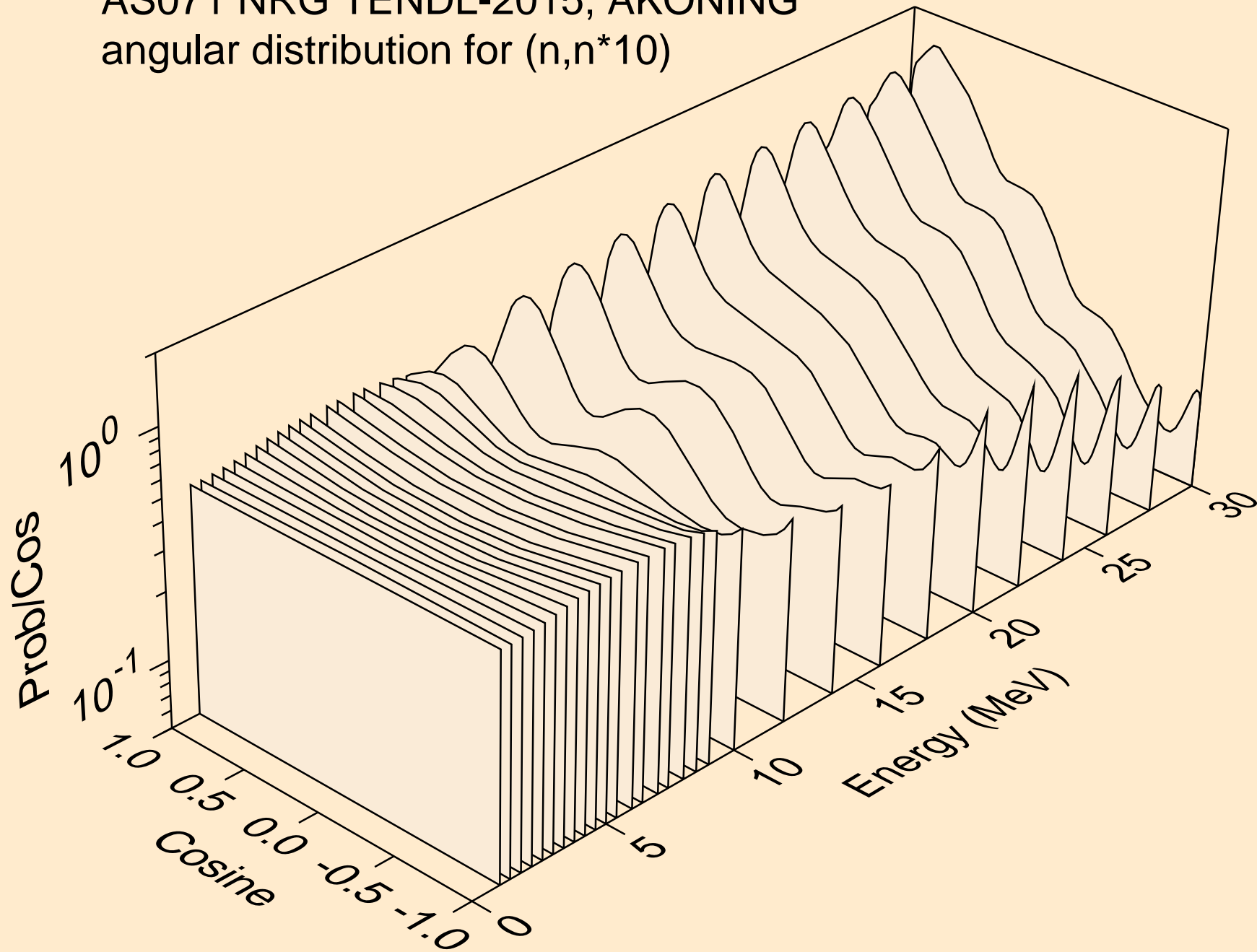
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angular distribution for (n,n\*8)



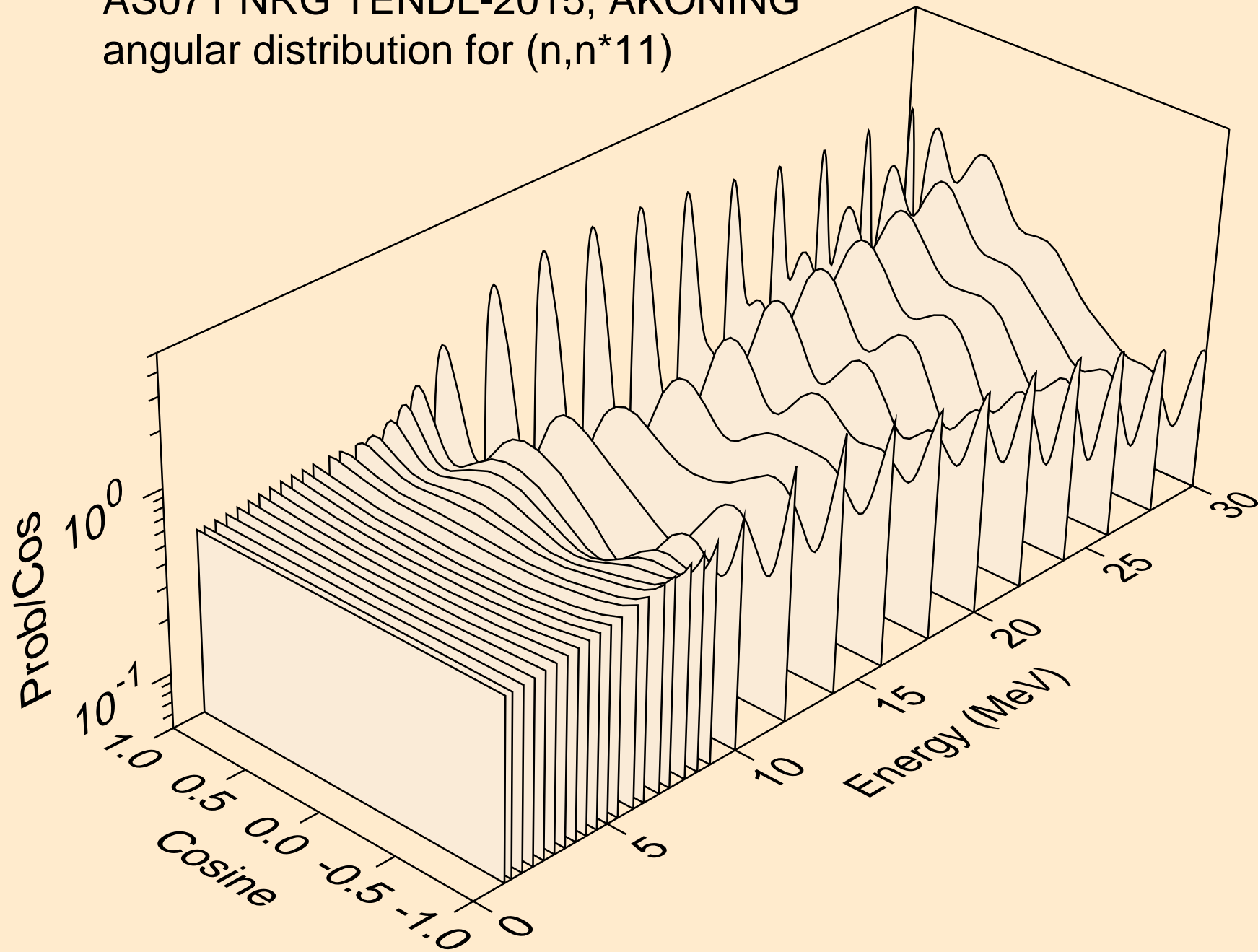
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angular distribution for (n,n\*9)



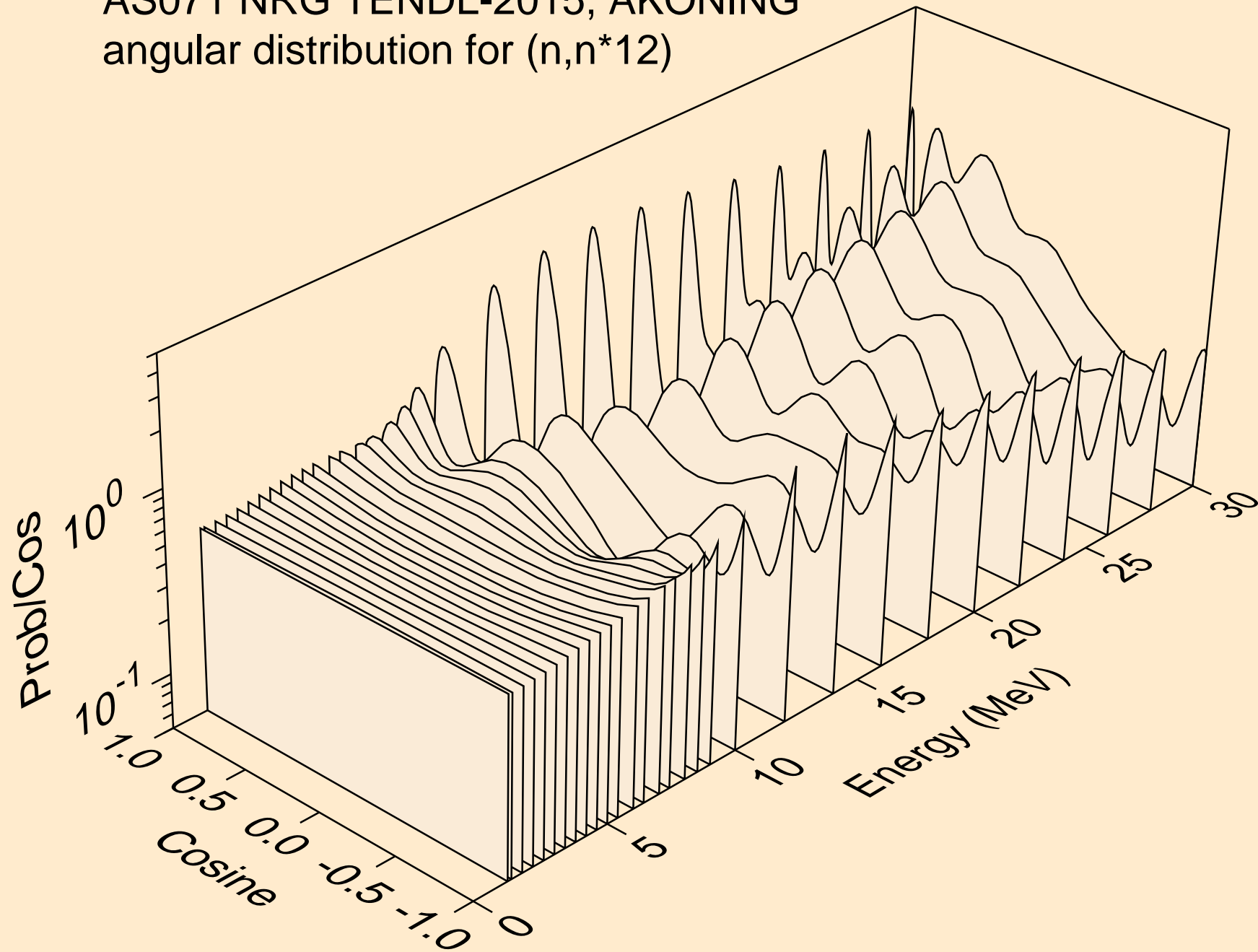
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angular distribution for (n,n\*10)



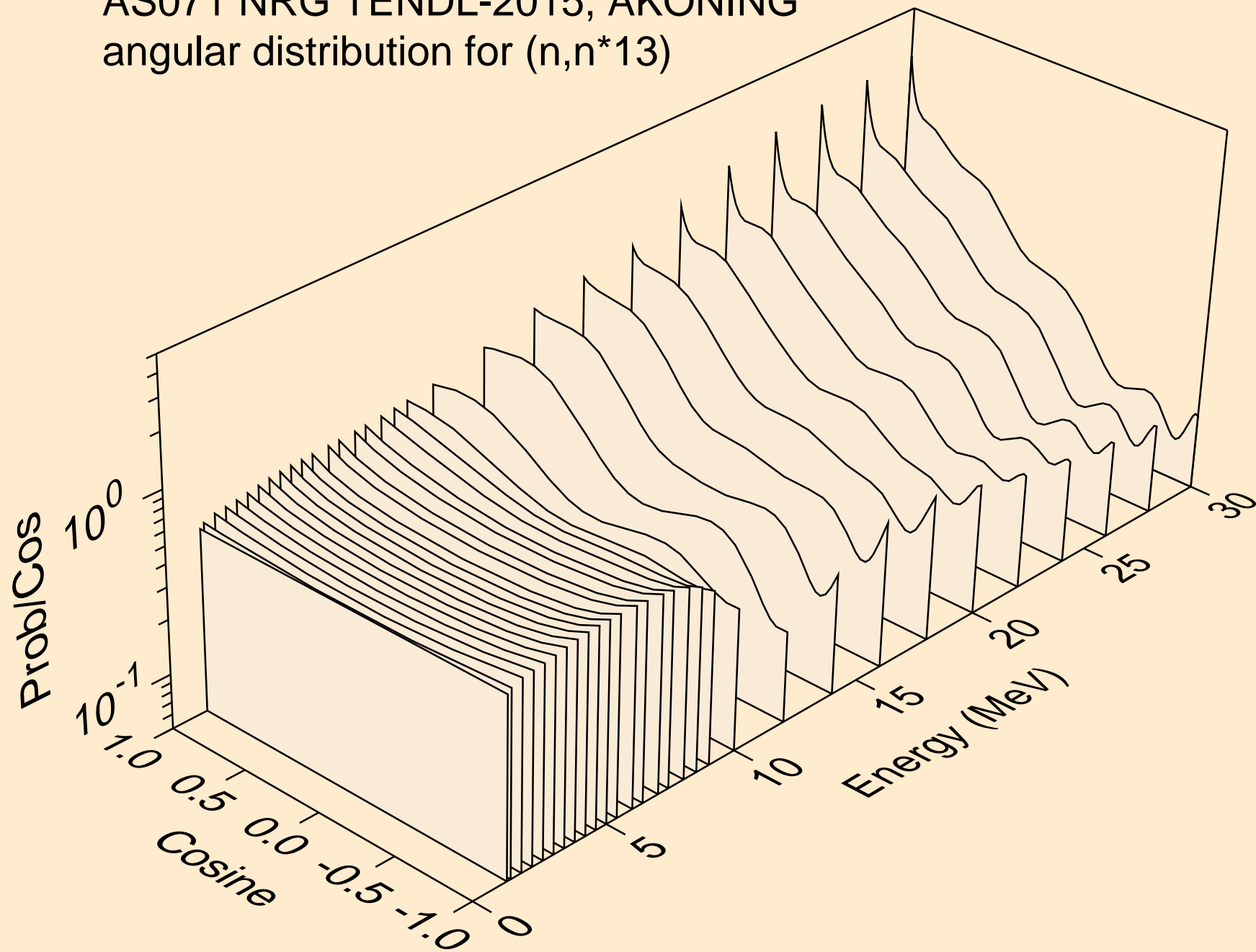
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angular distribution for (n,n\*11)



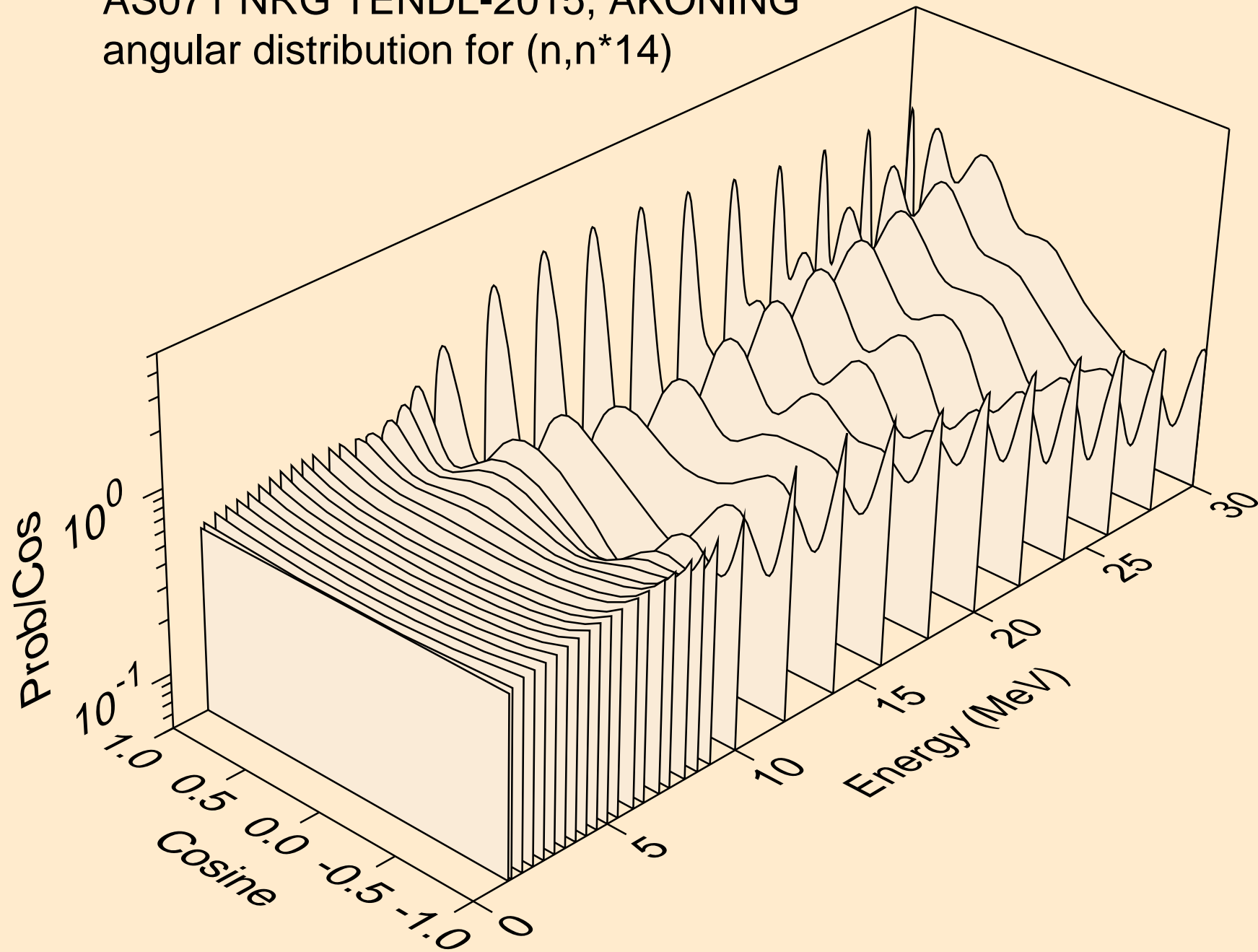
AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

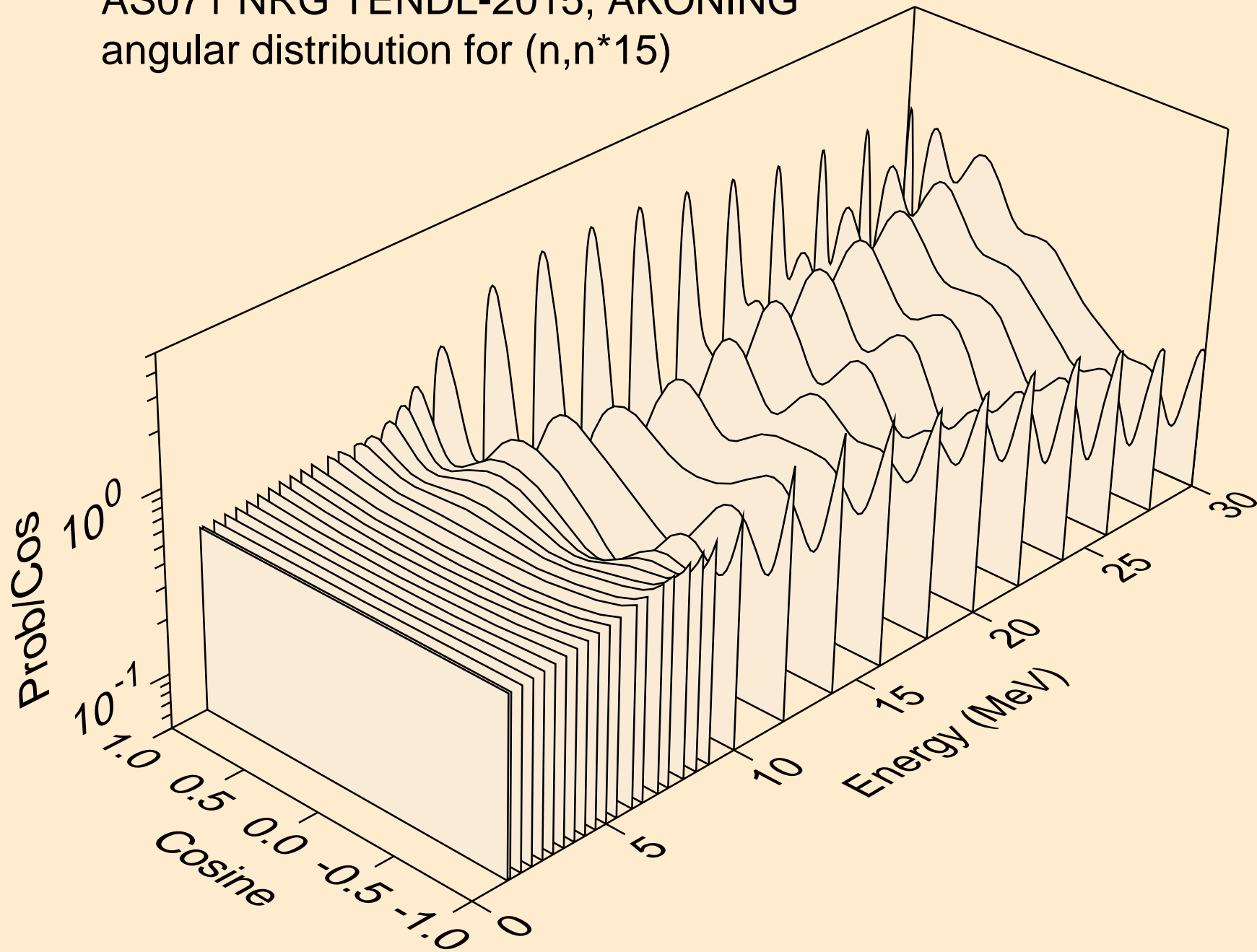


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angular distribution for (n,n\*14)

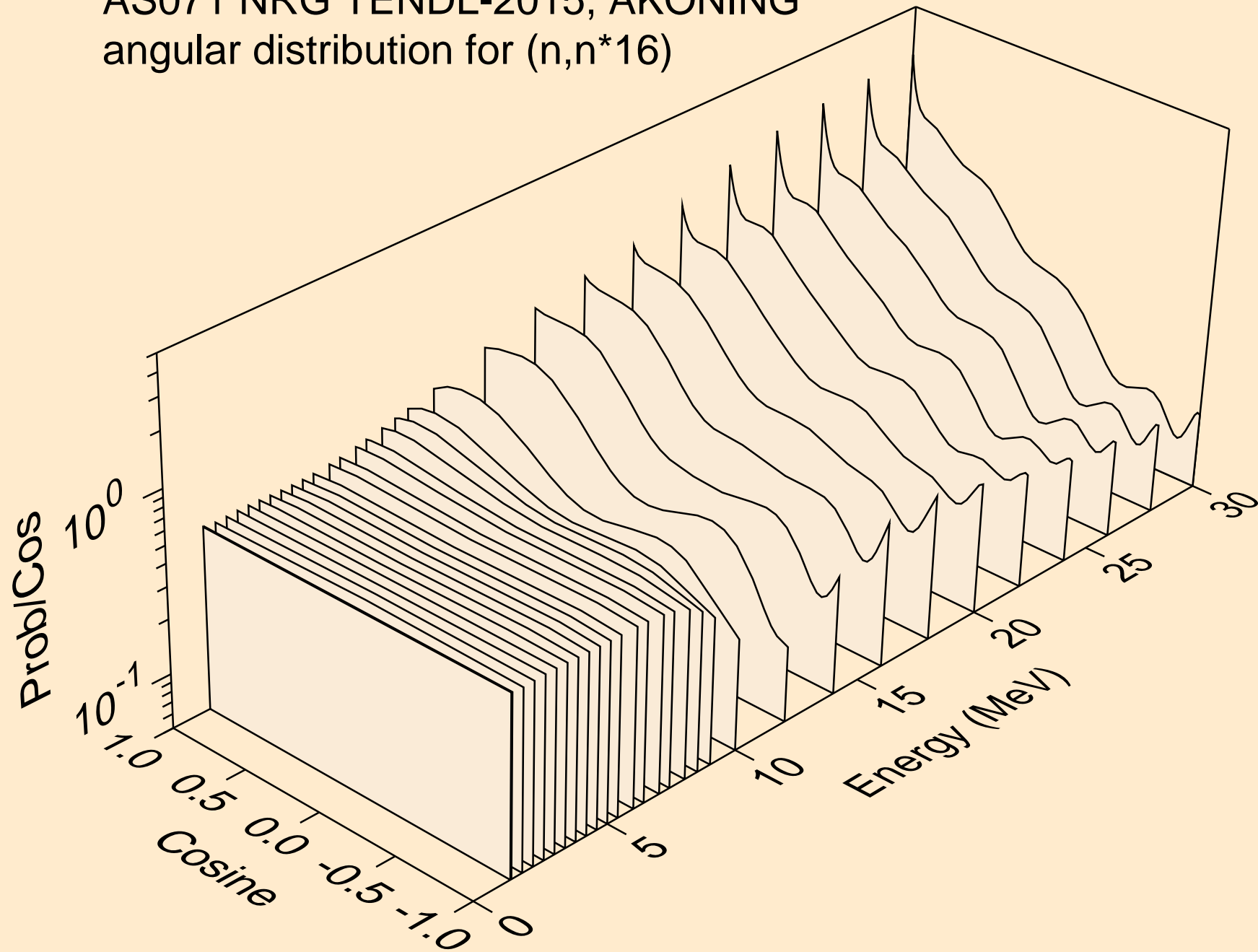




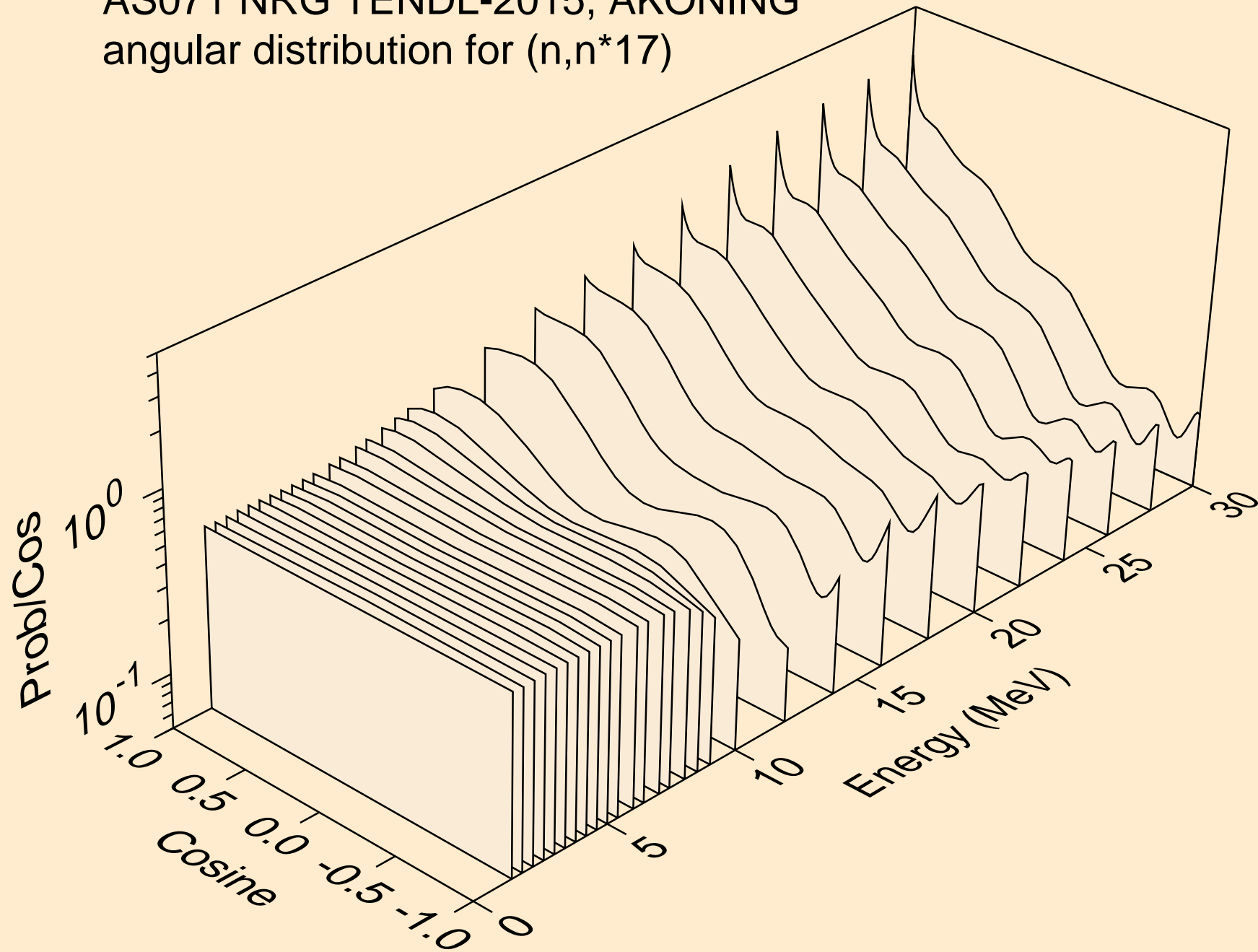
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angular distribution for (n,n\*15)



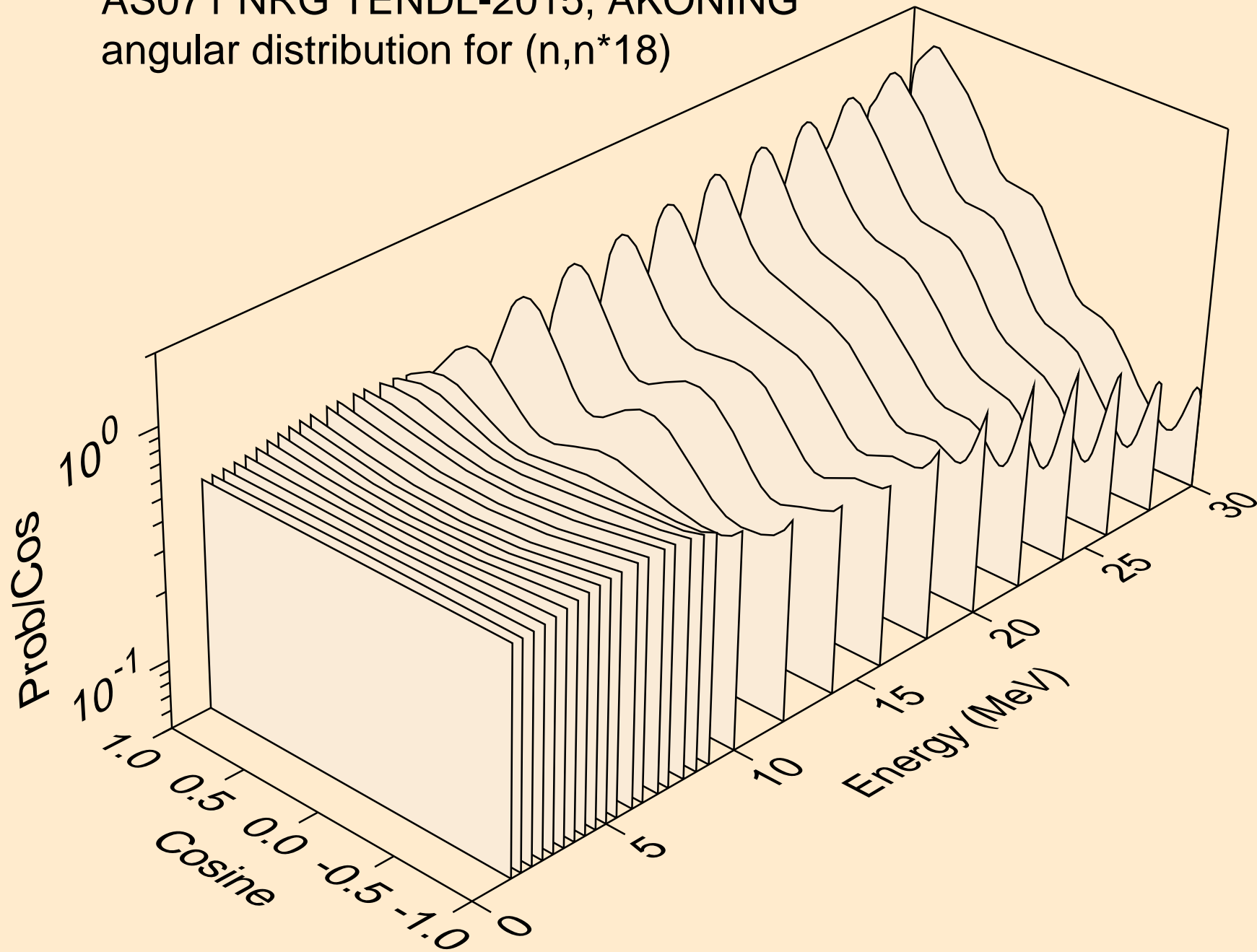
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angular distribution for (n,n\*16)



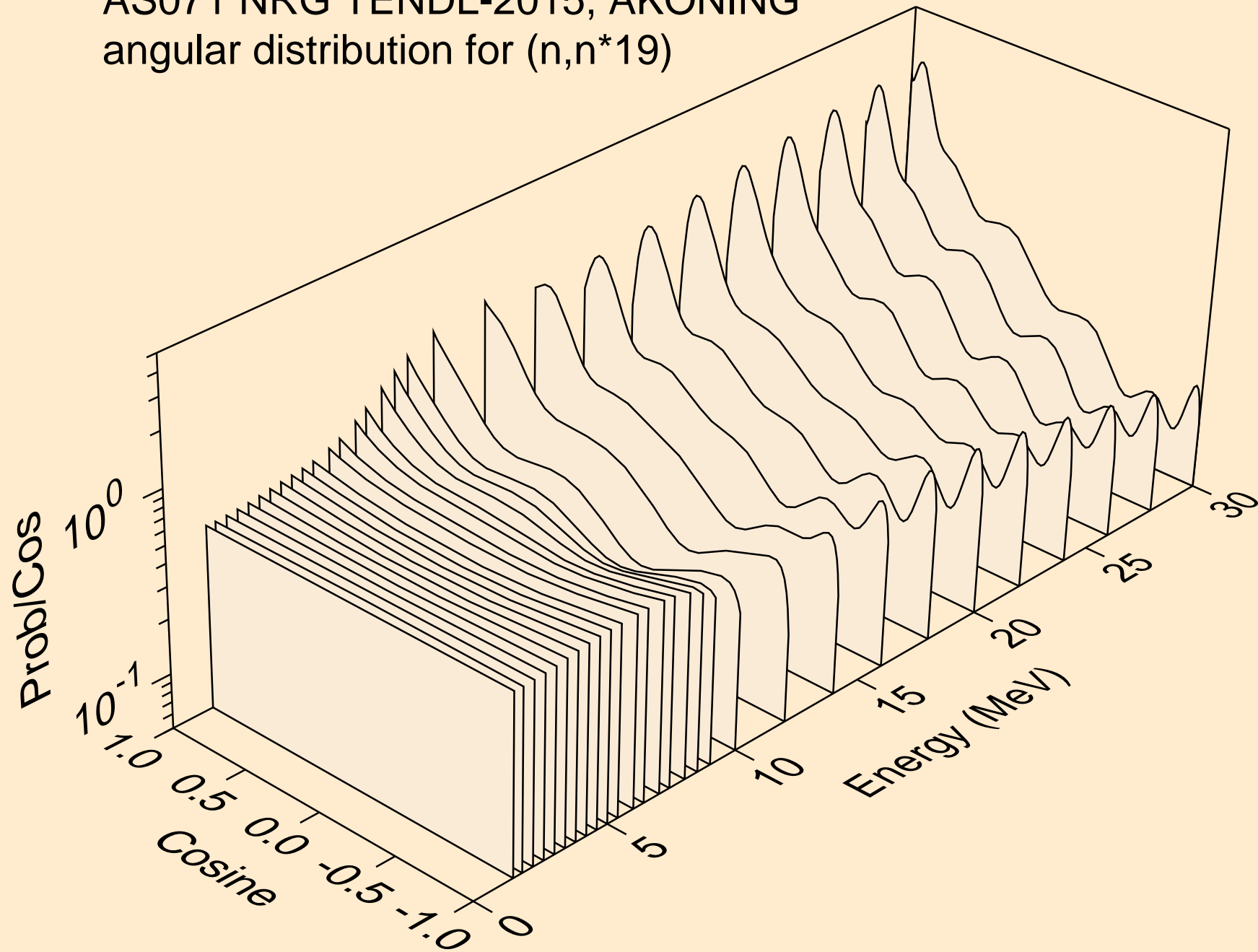
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angular distribution for (n,n\*17)



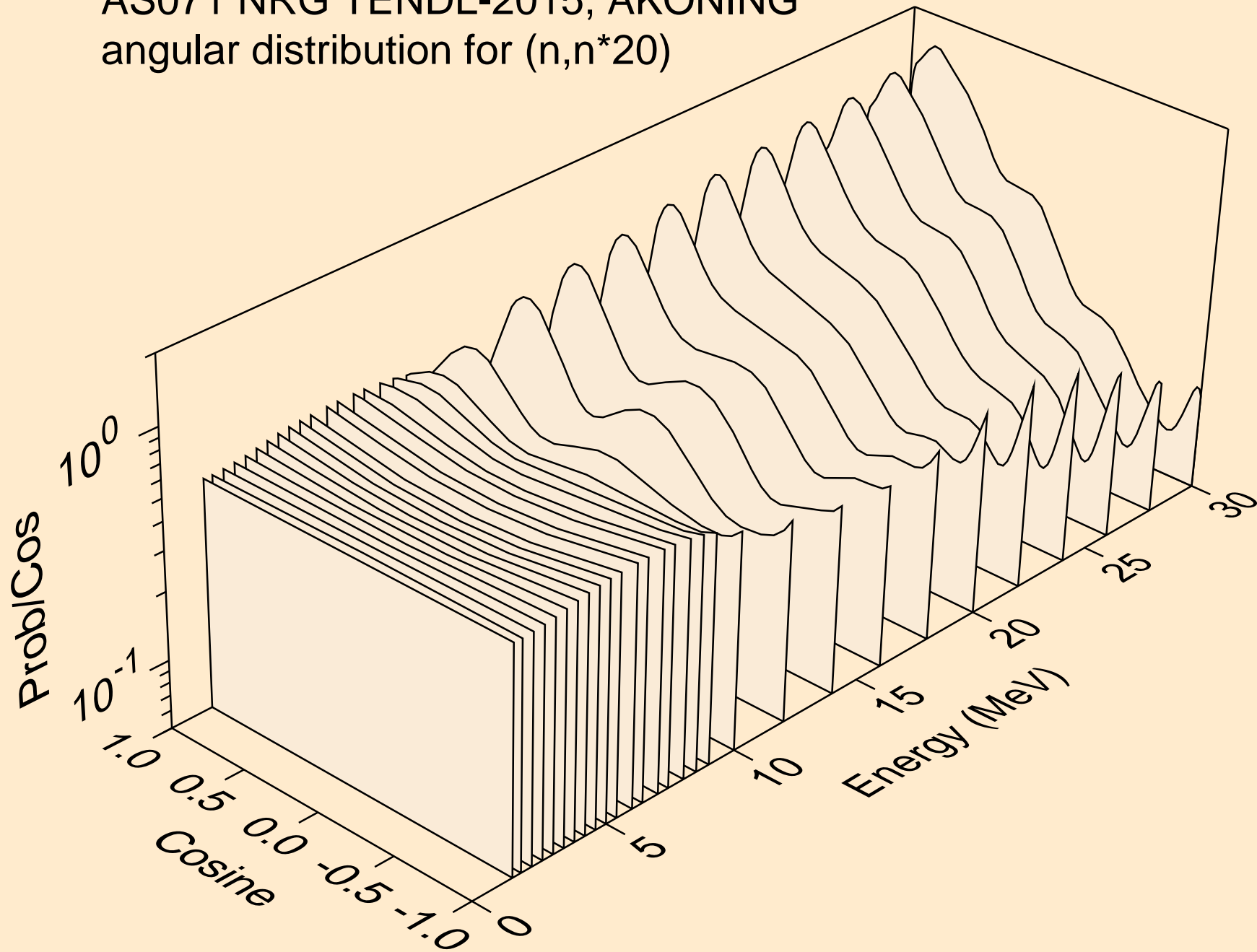
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angular distribution for (n,n\*18)



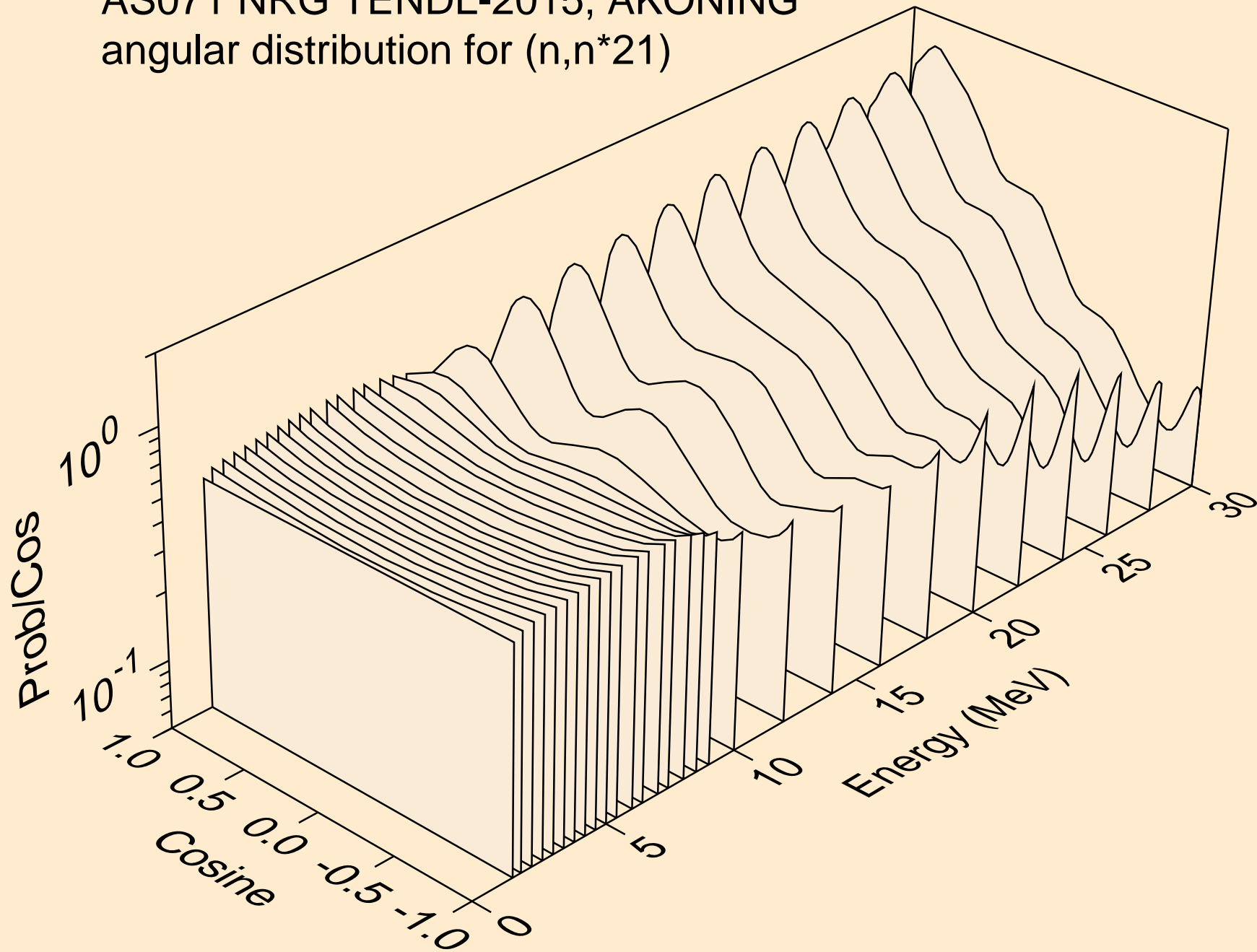
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angular distribution for (n,n\*19)



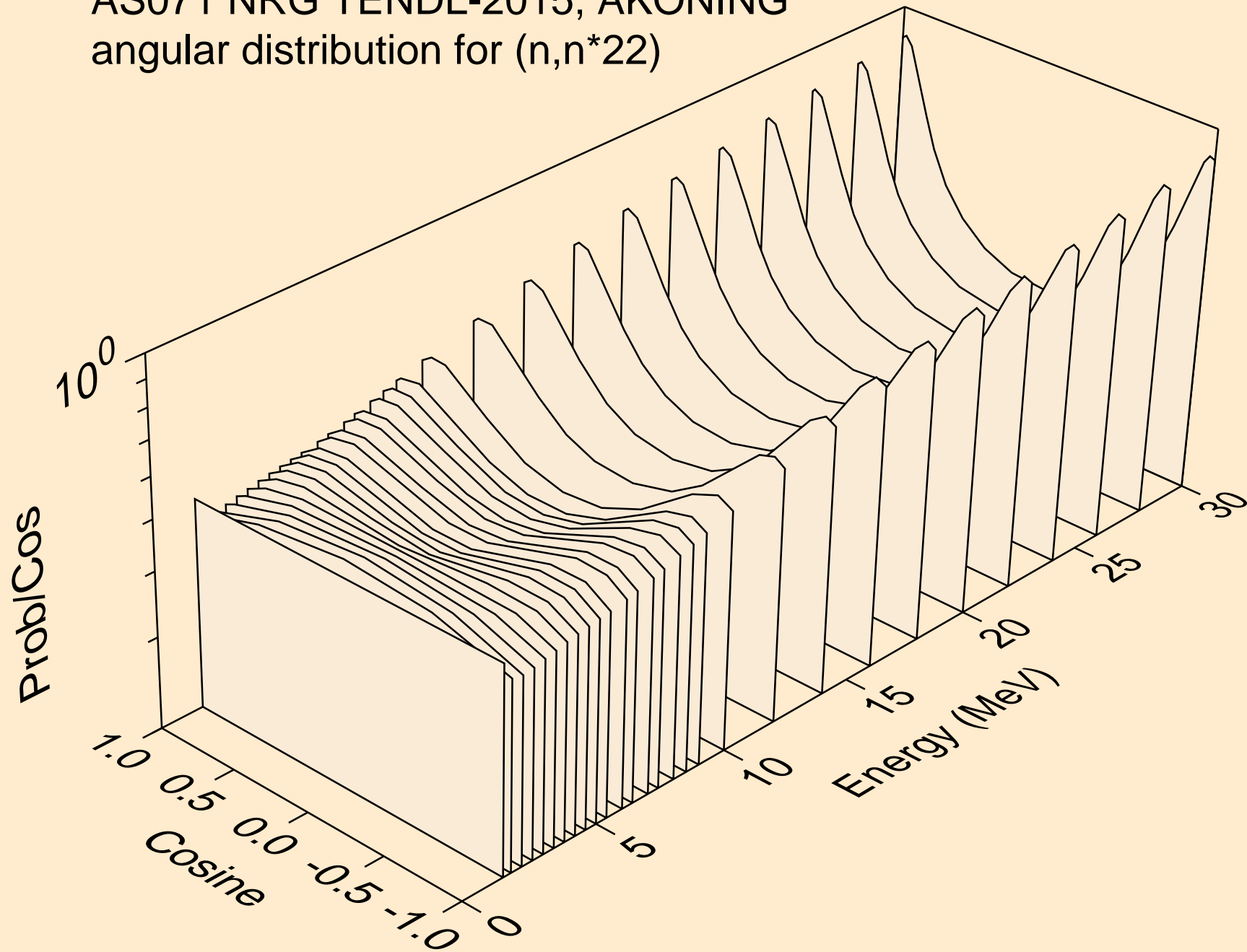
AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

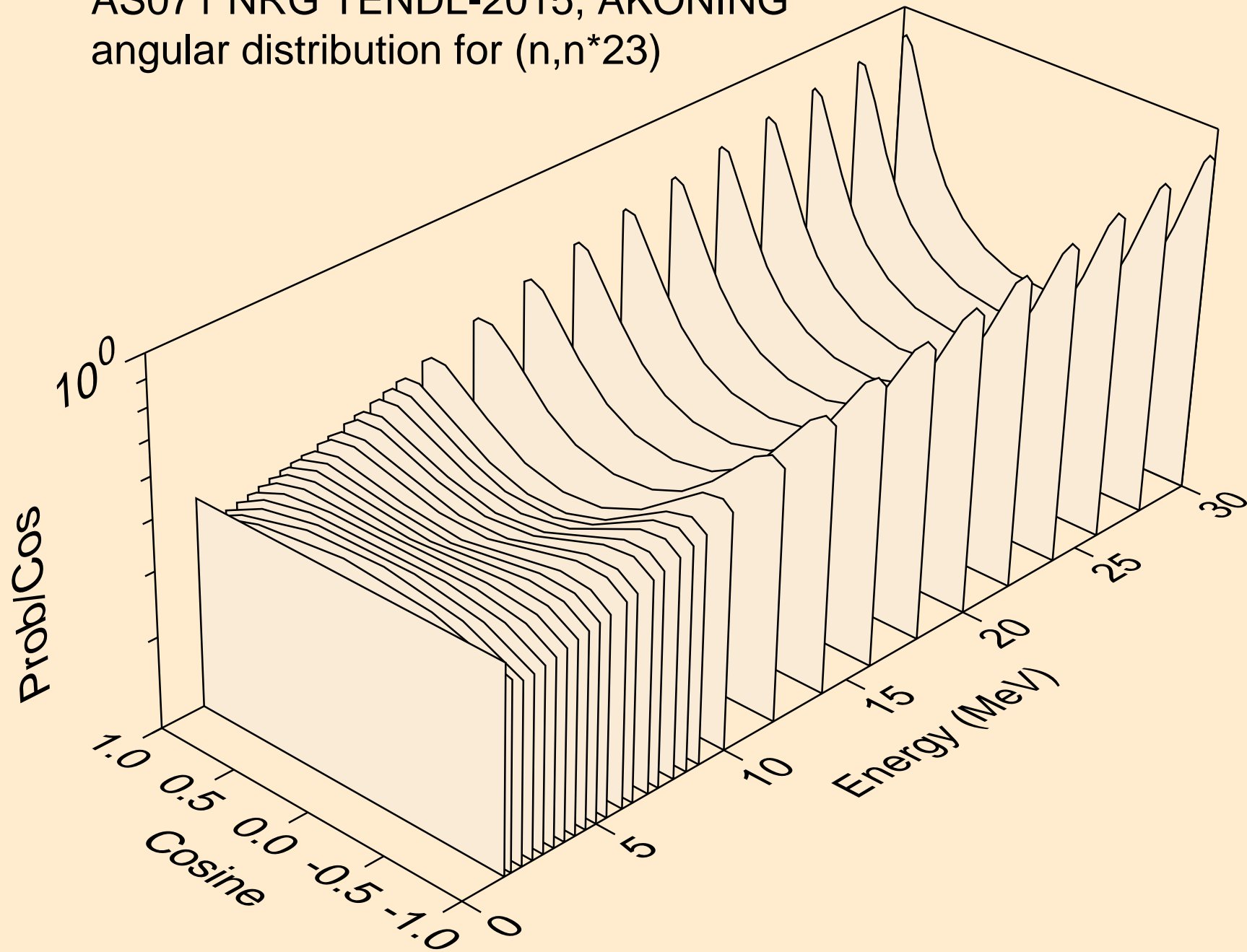


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angular distribution for (n,n\*22)

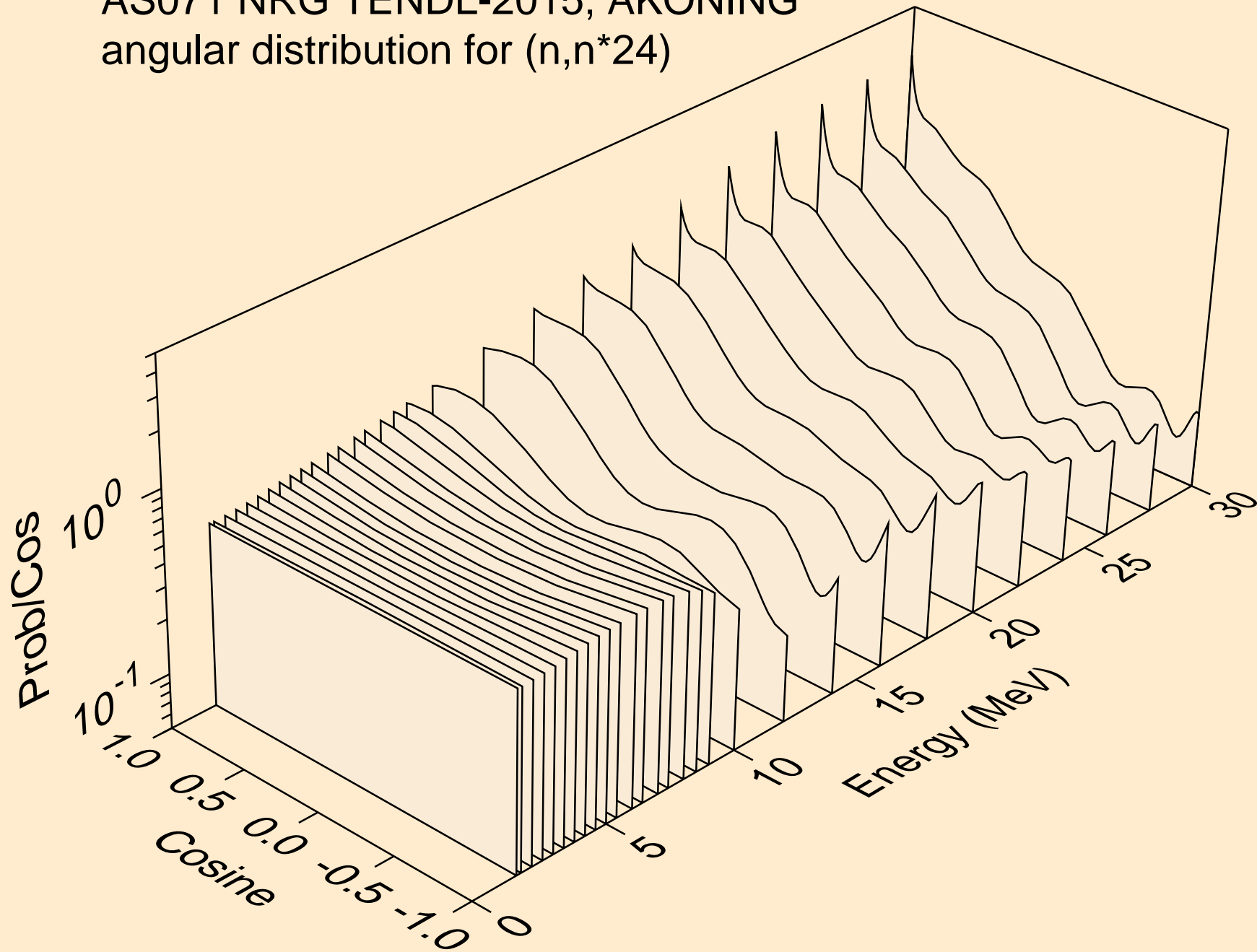




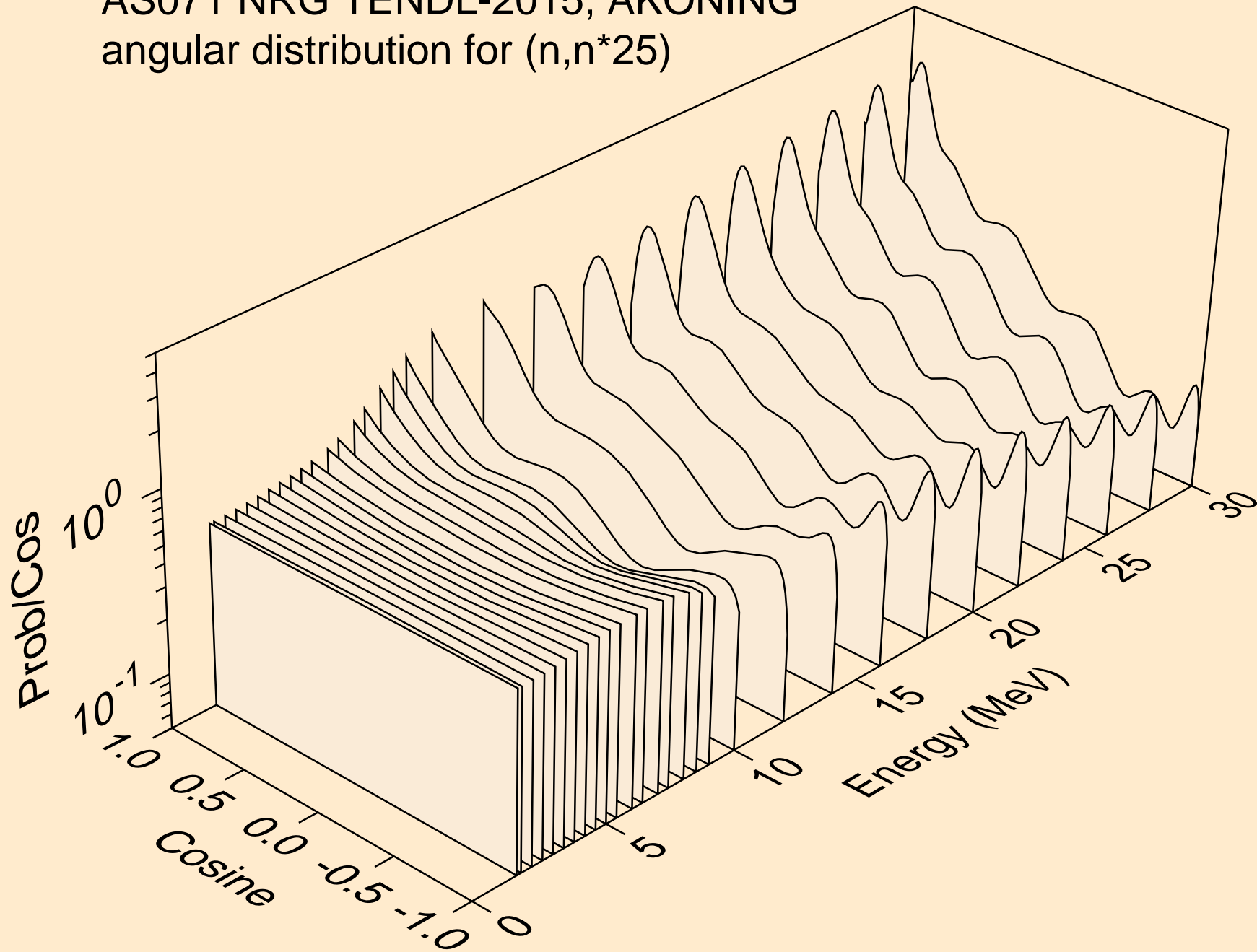
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angular distribution for (n,n\*23)



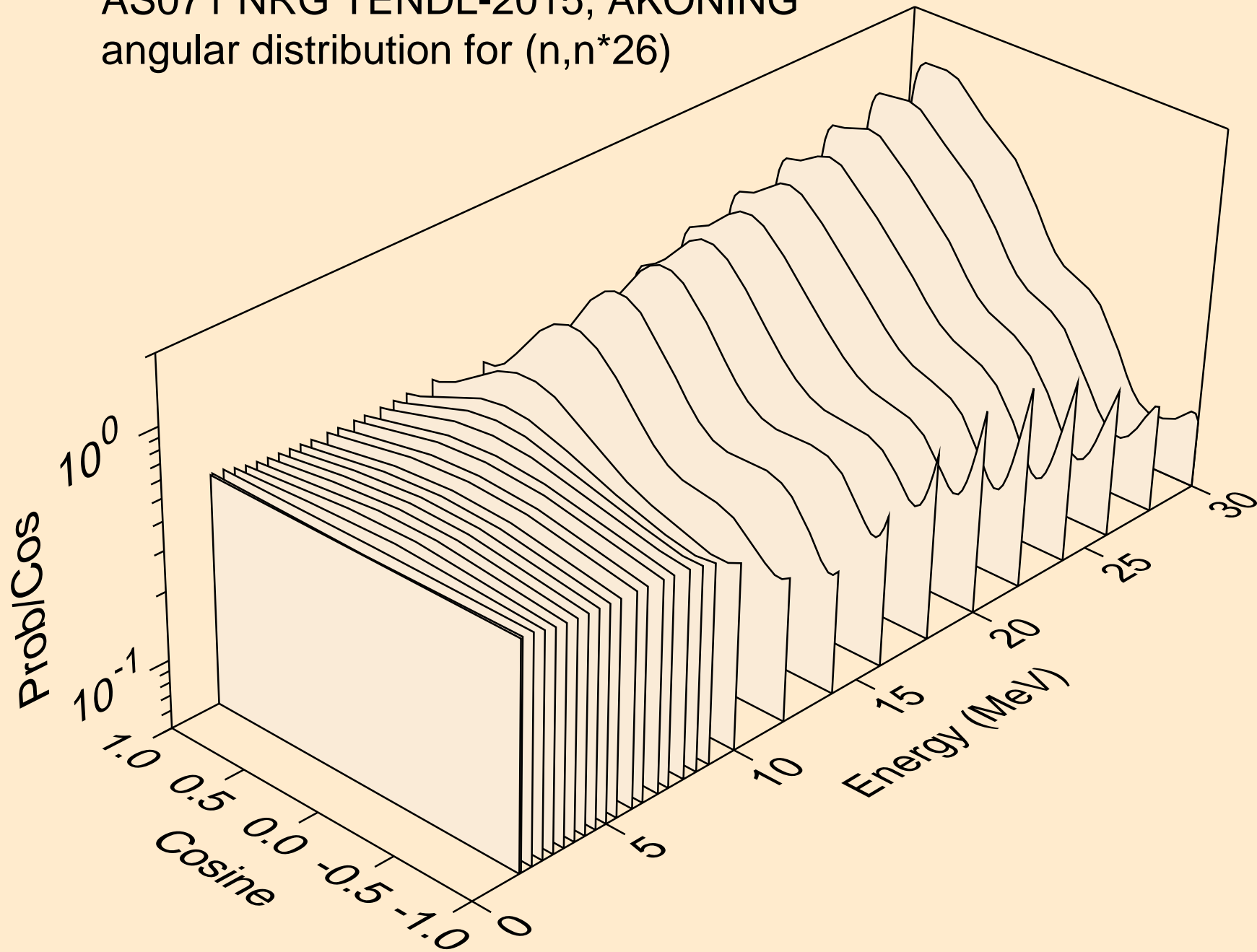
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angular distribution for (n,n\*24)



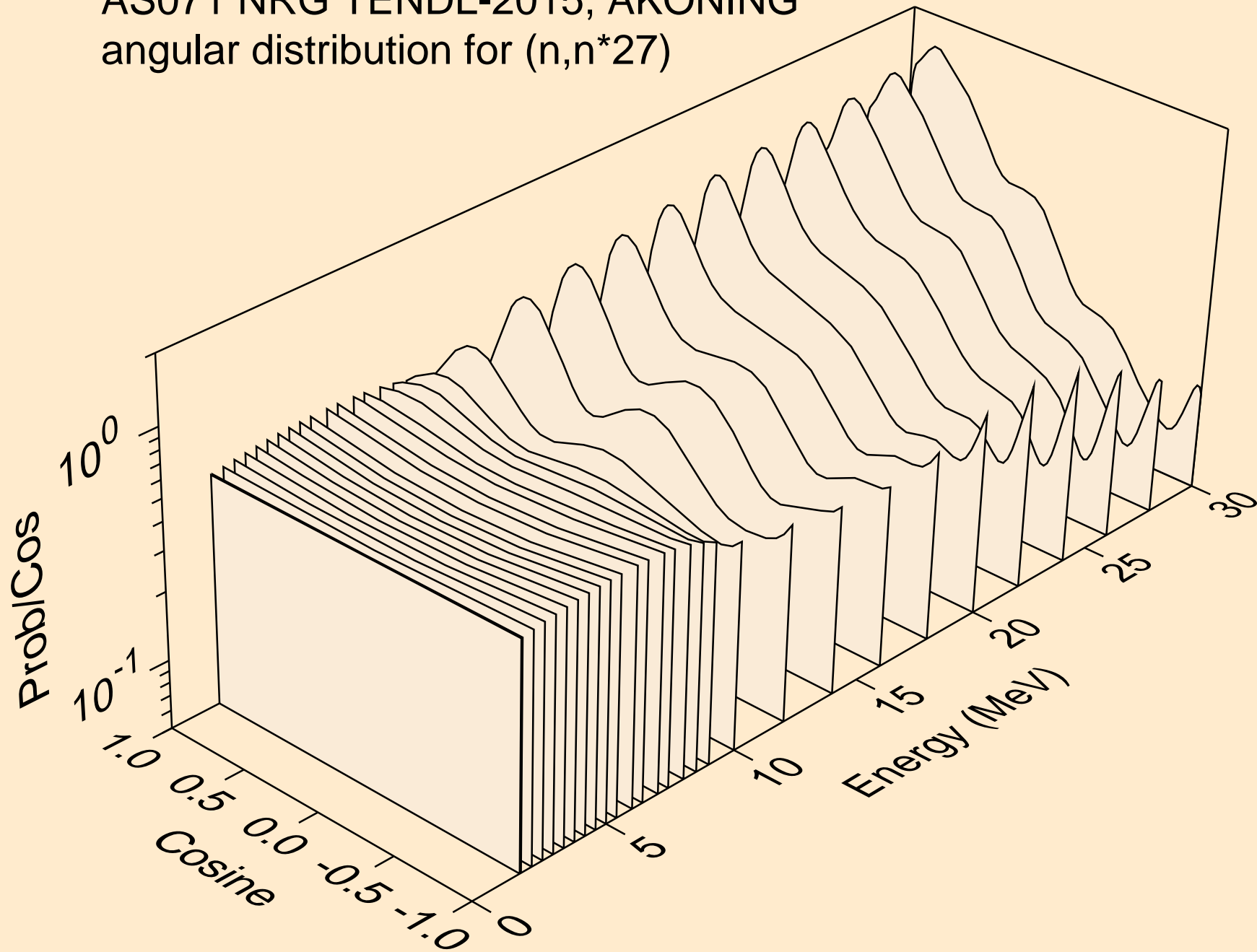
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angular distribution for (n,n\*25)



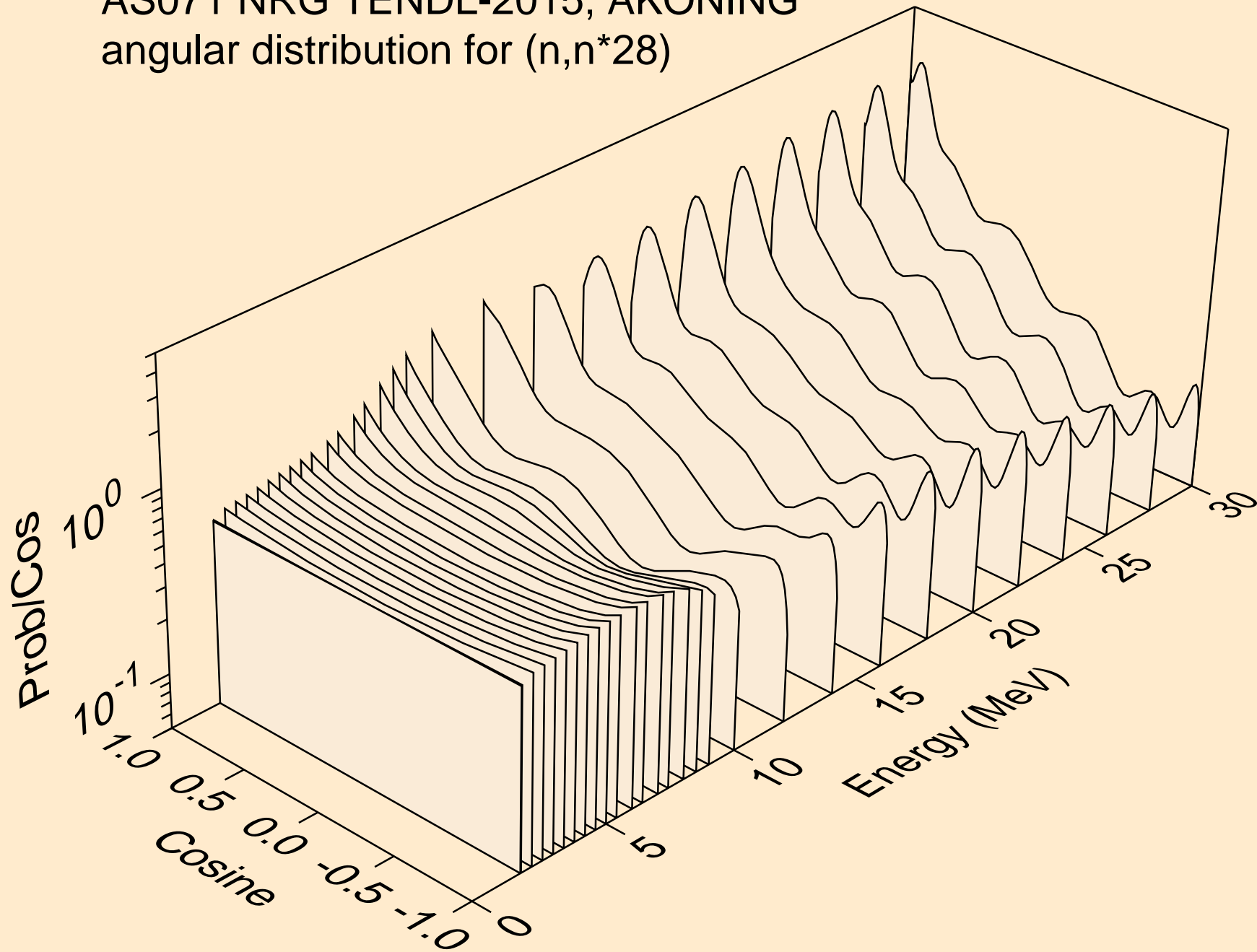
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angular distribution for (n,n\*26)



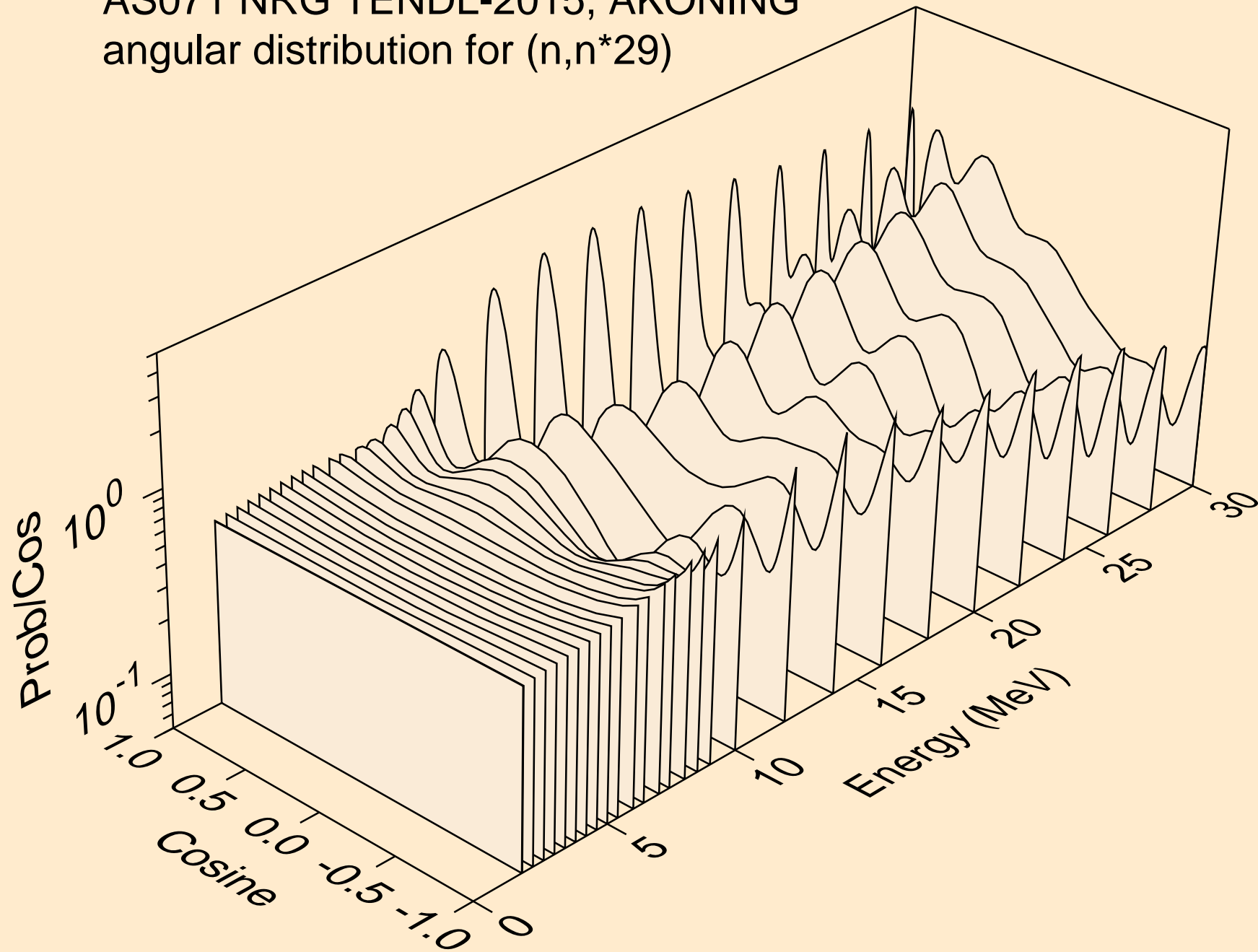
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angular distribution for (n,n\*27)



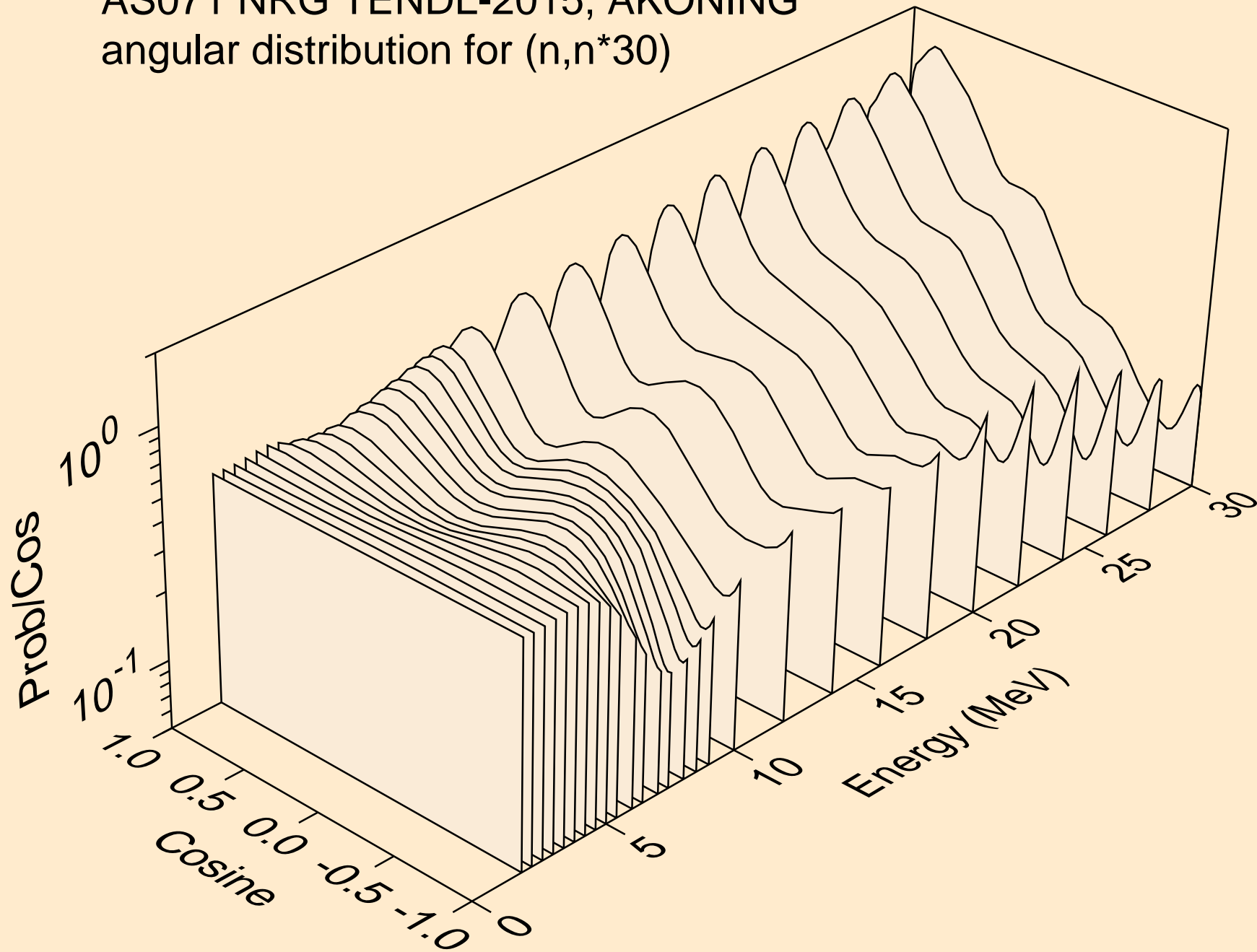
AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



AS071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

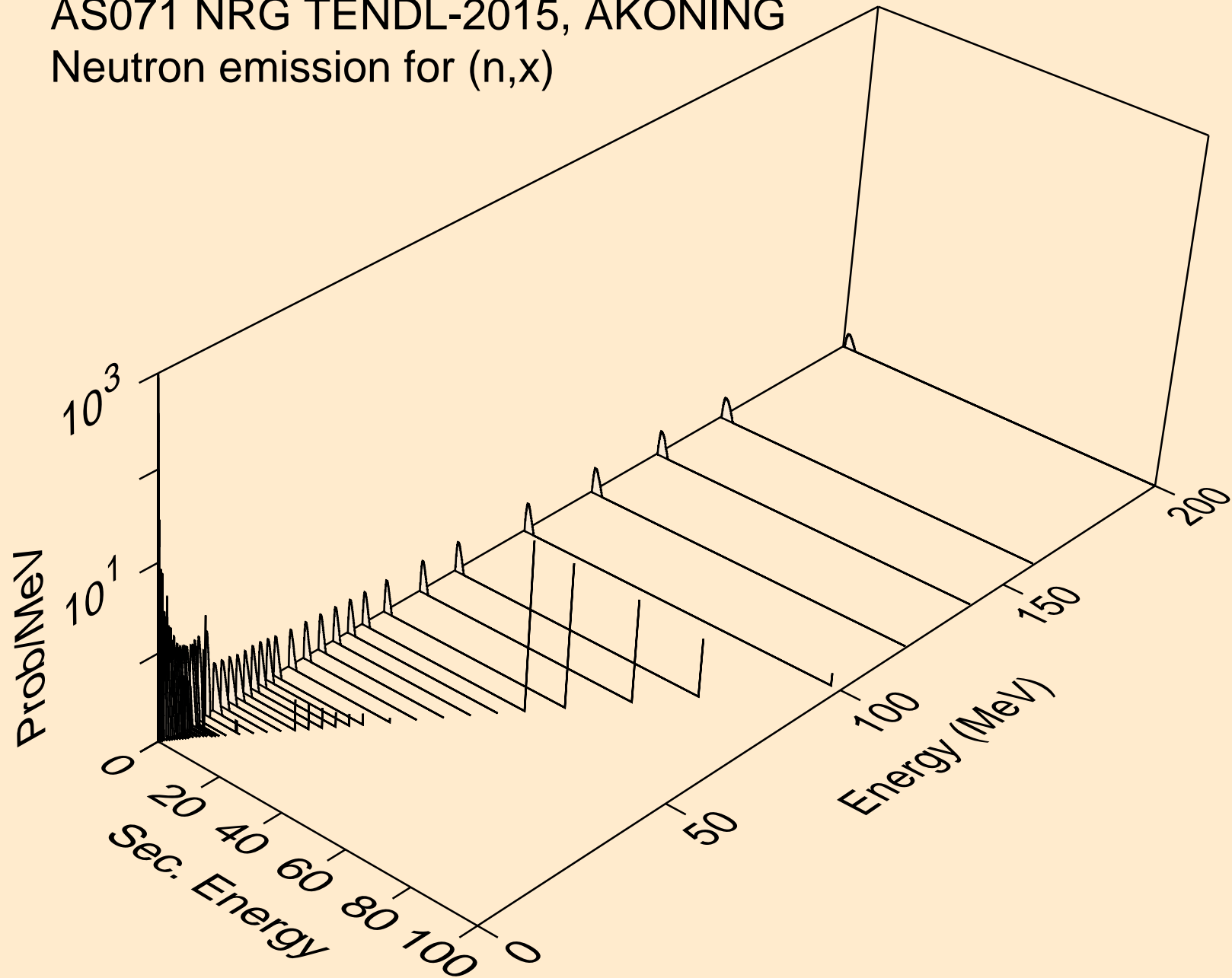


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angular distribution for (n,n\*30)

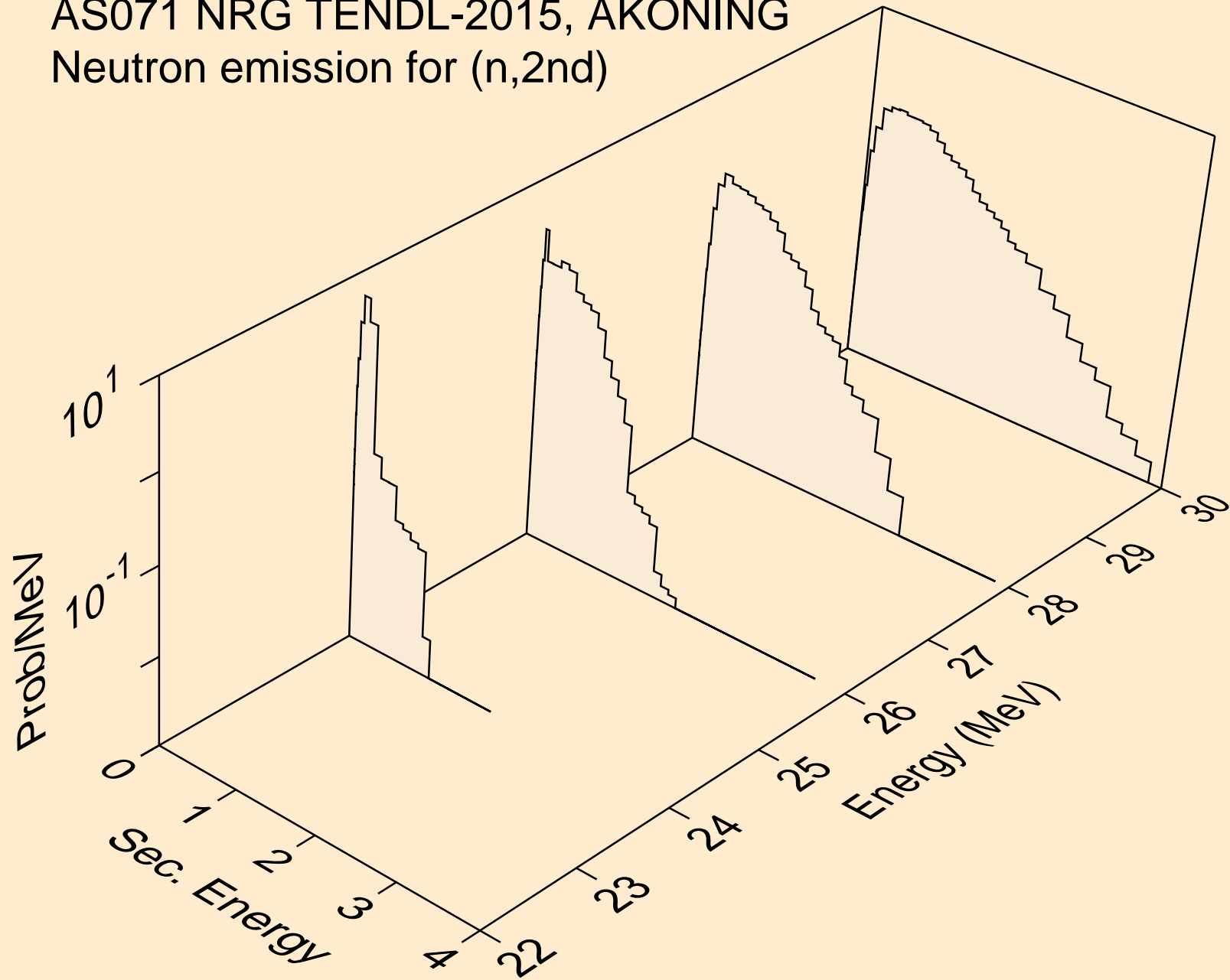




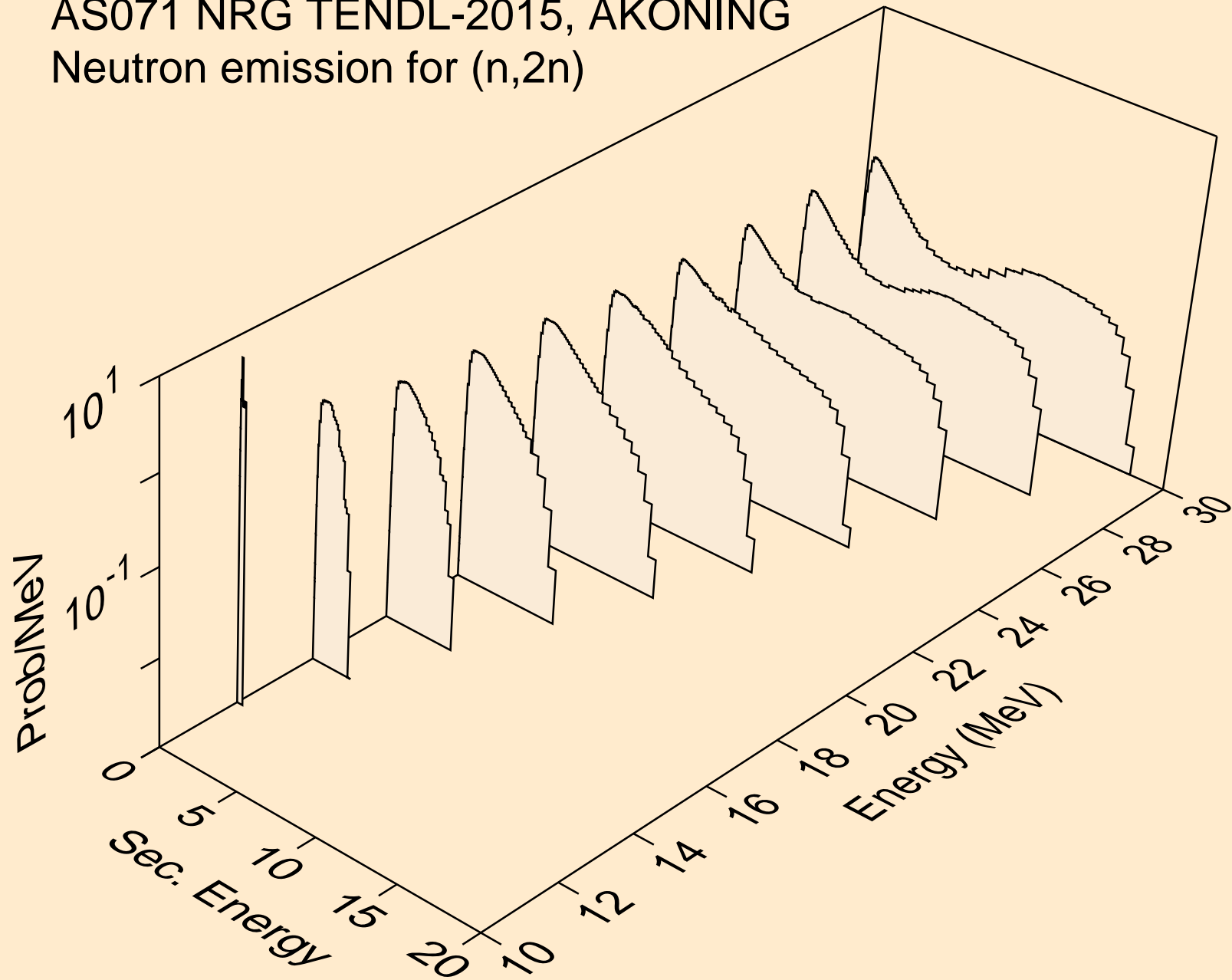
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



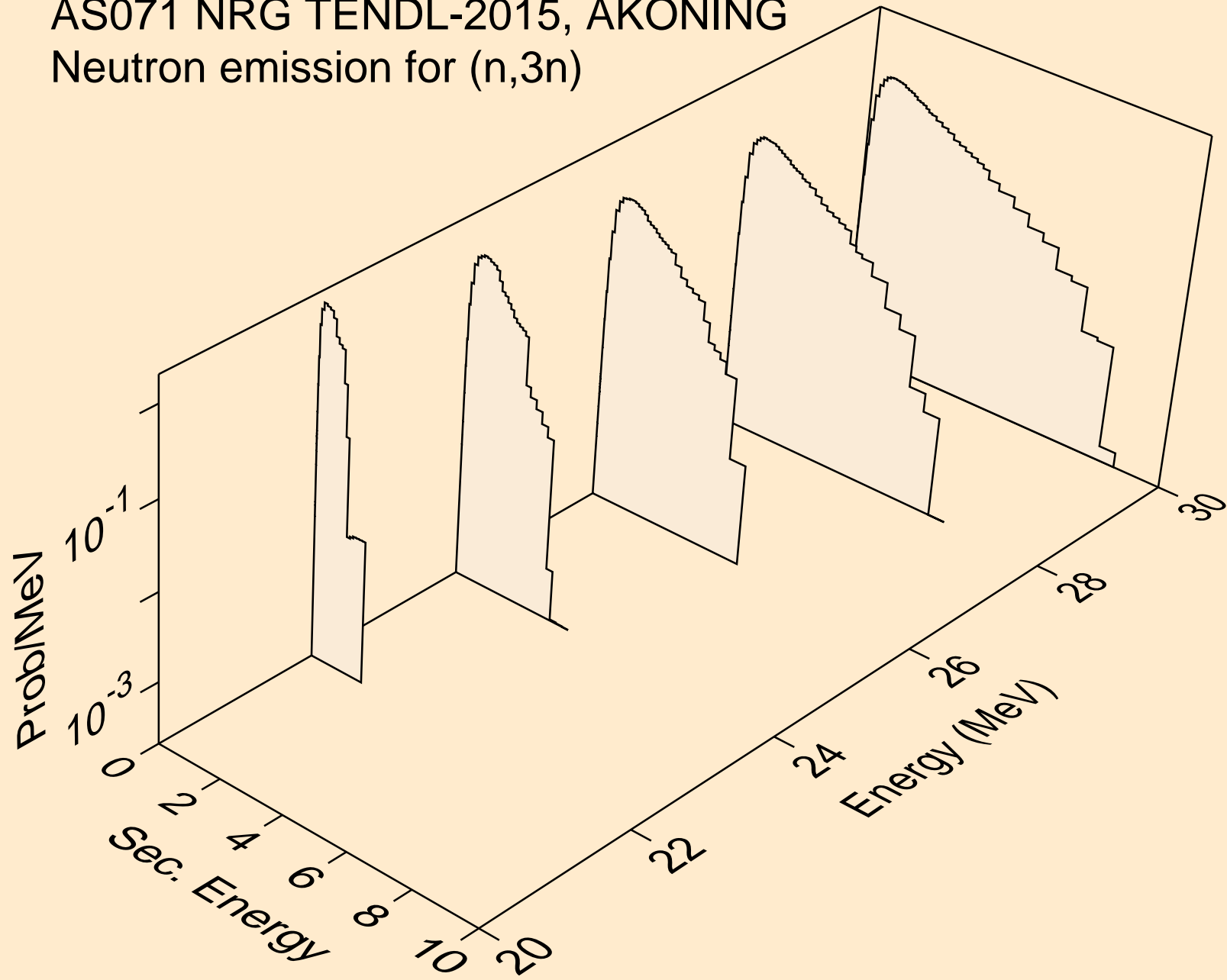
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



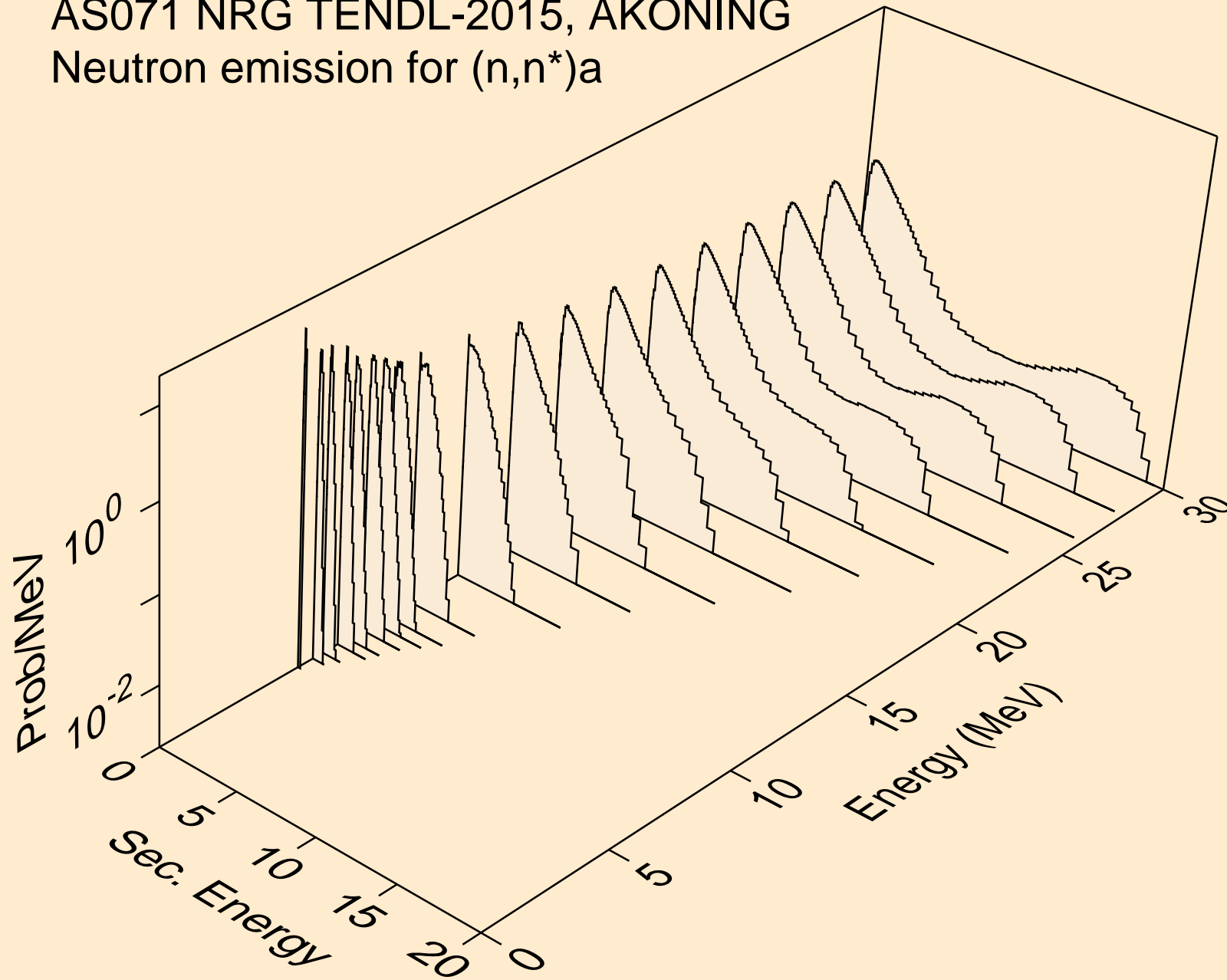
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



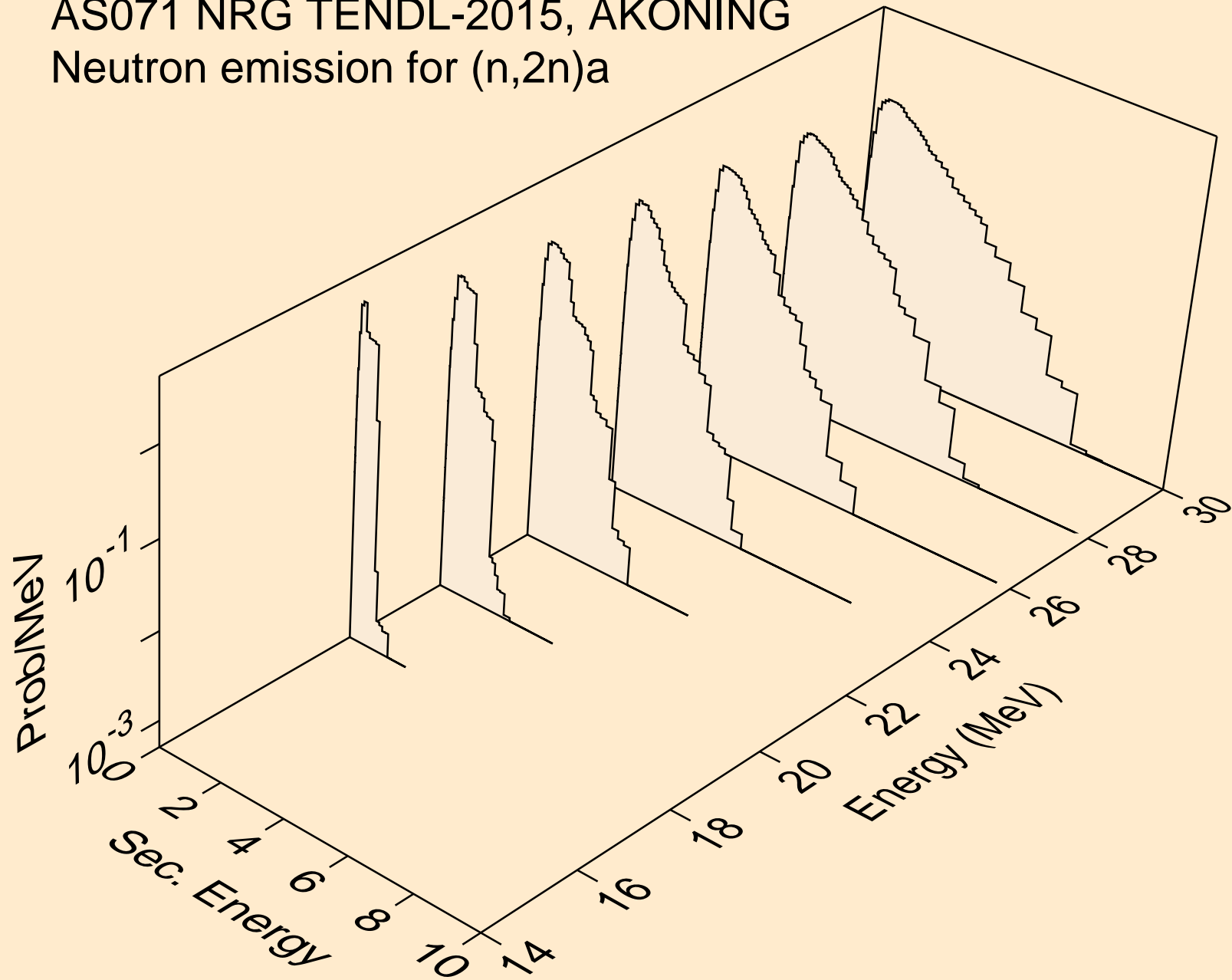
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



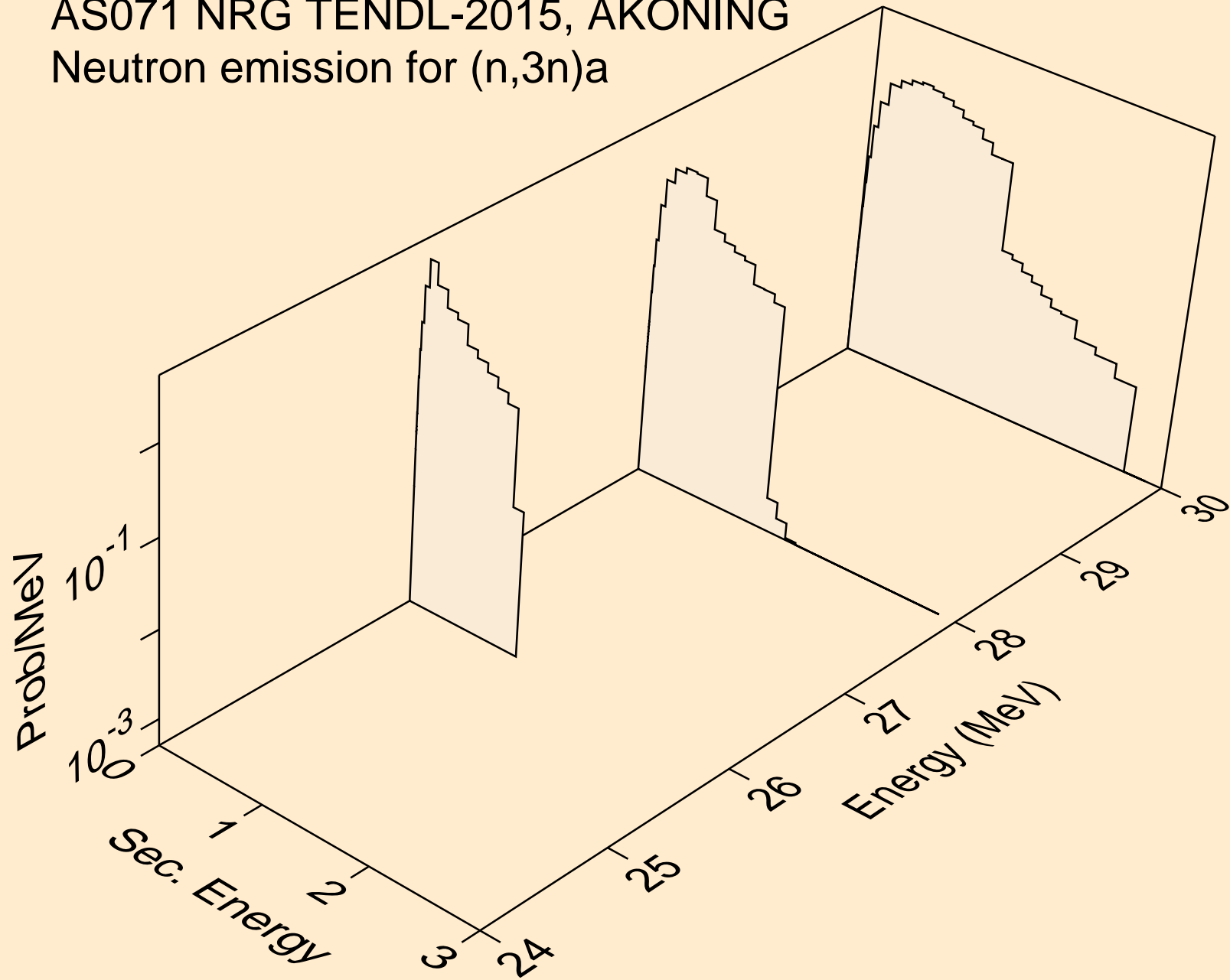
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



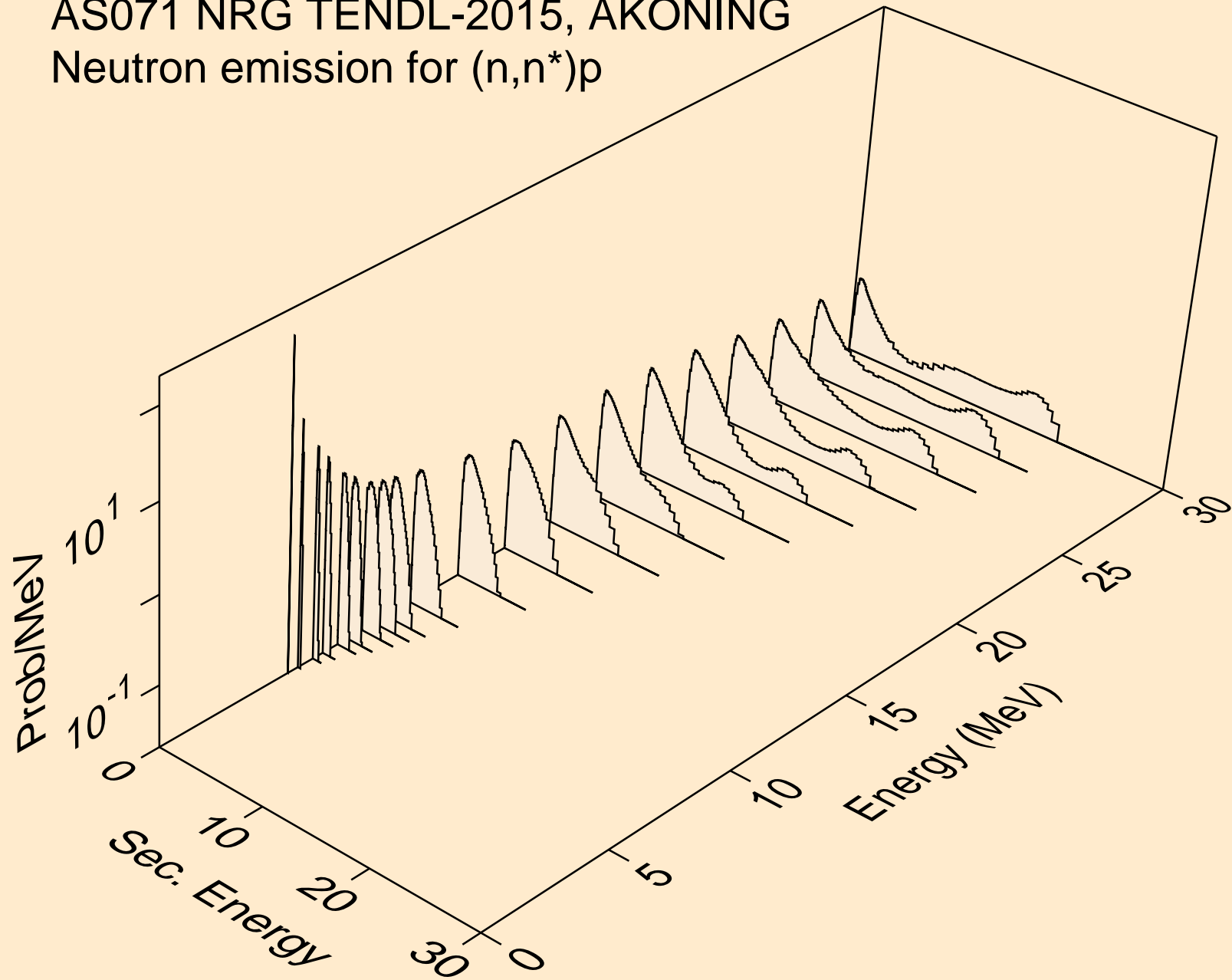
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Neutron emission for (n,2n)a



AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

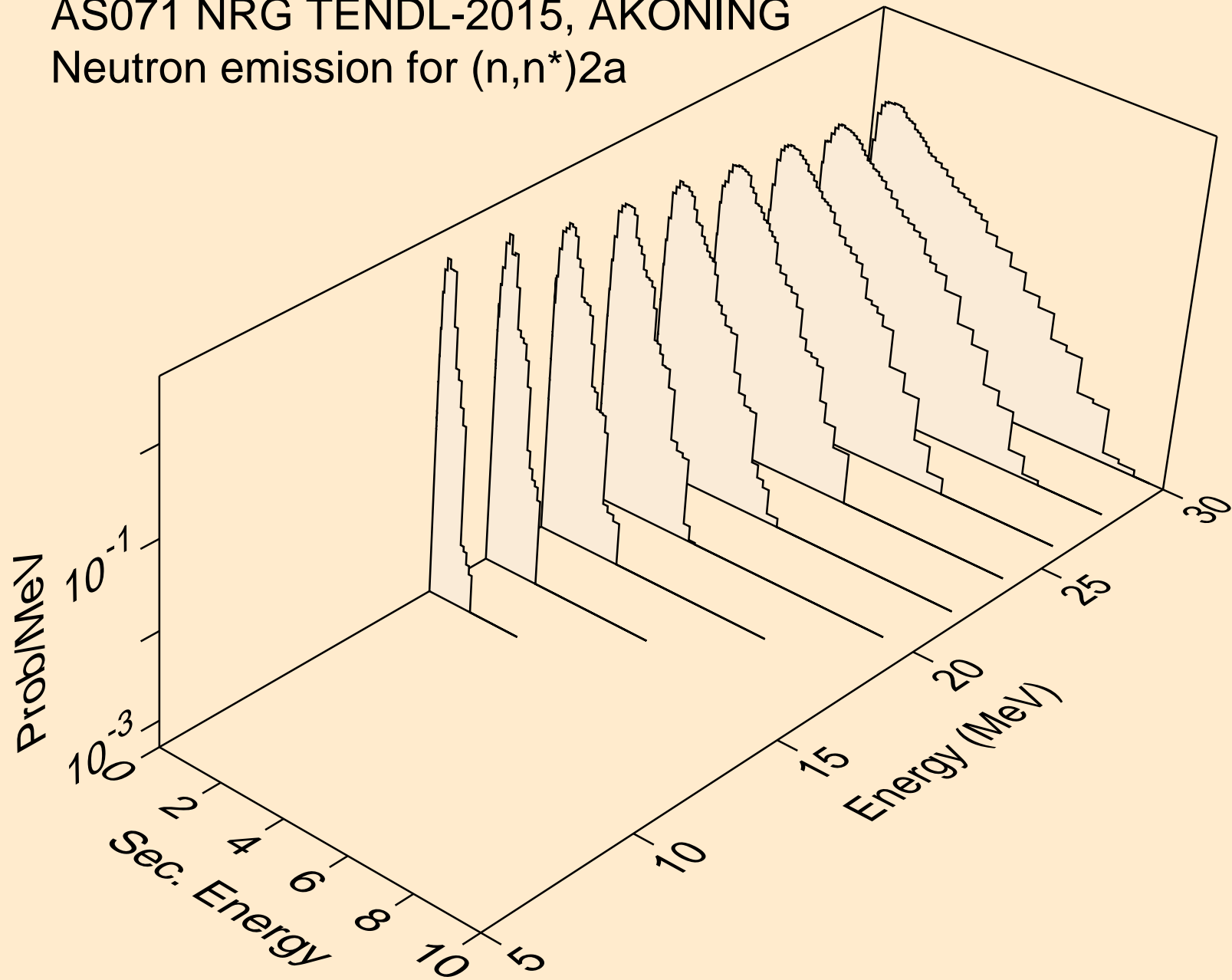


AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

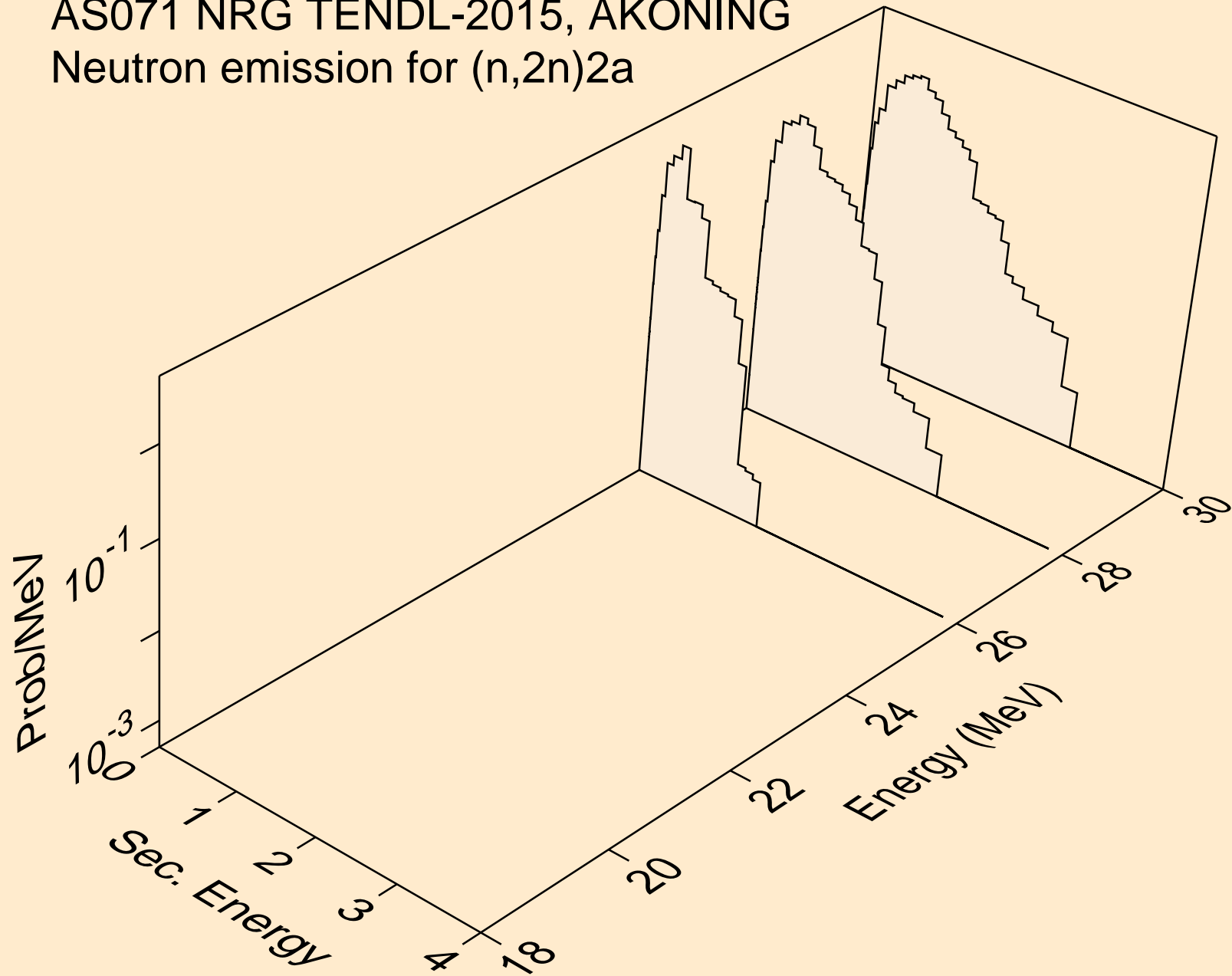




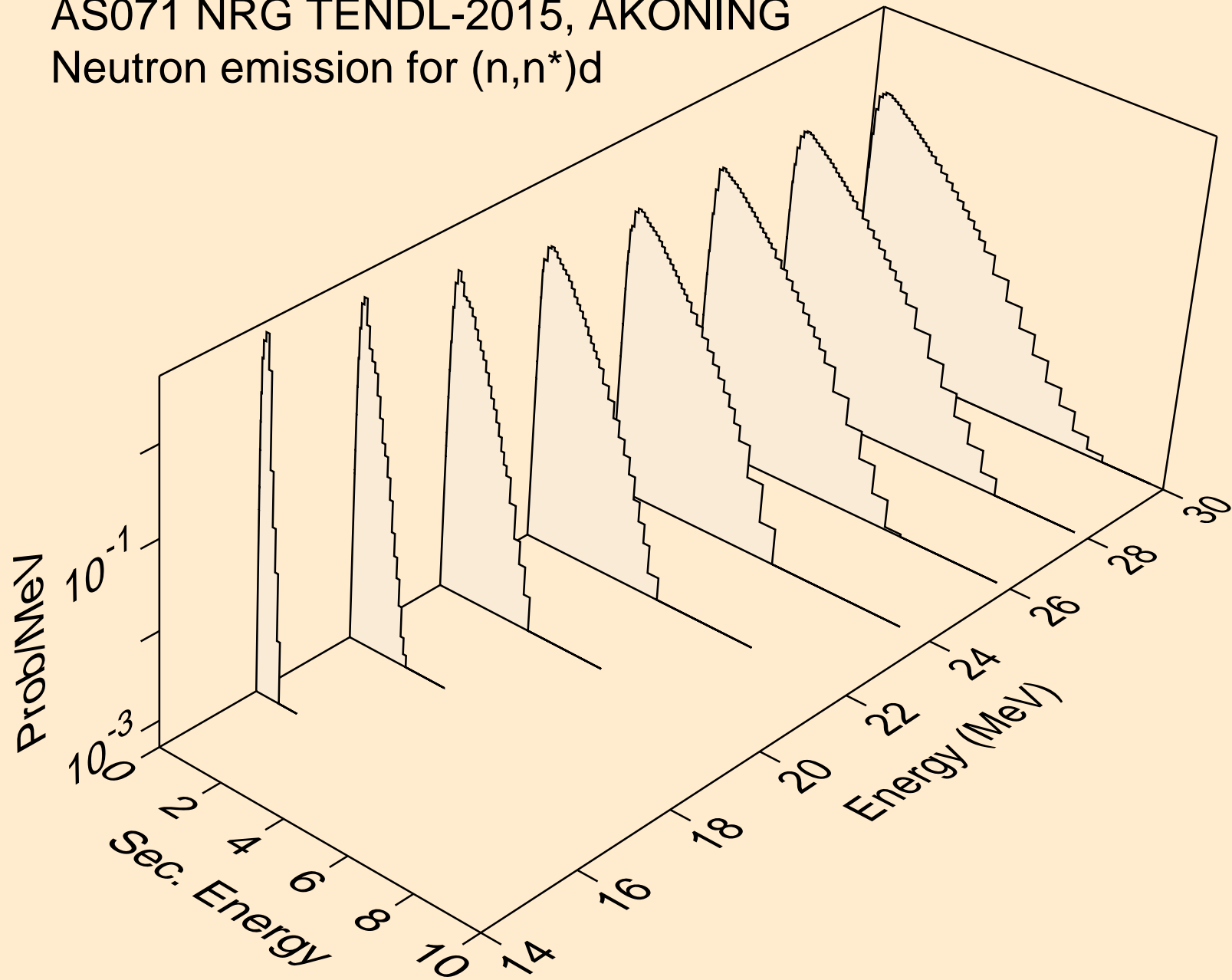
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



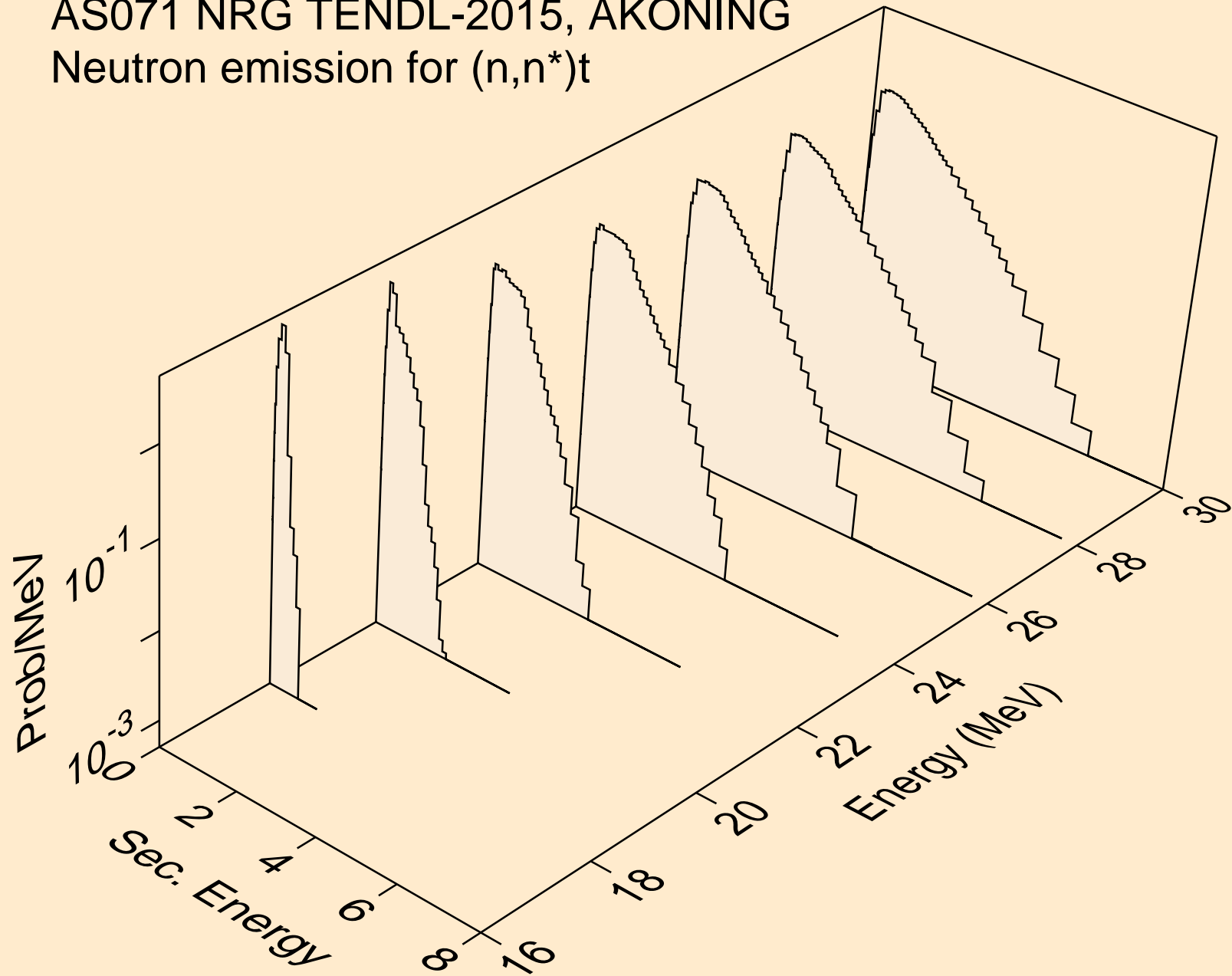
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



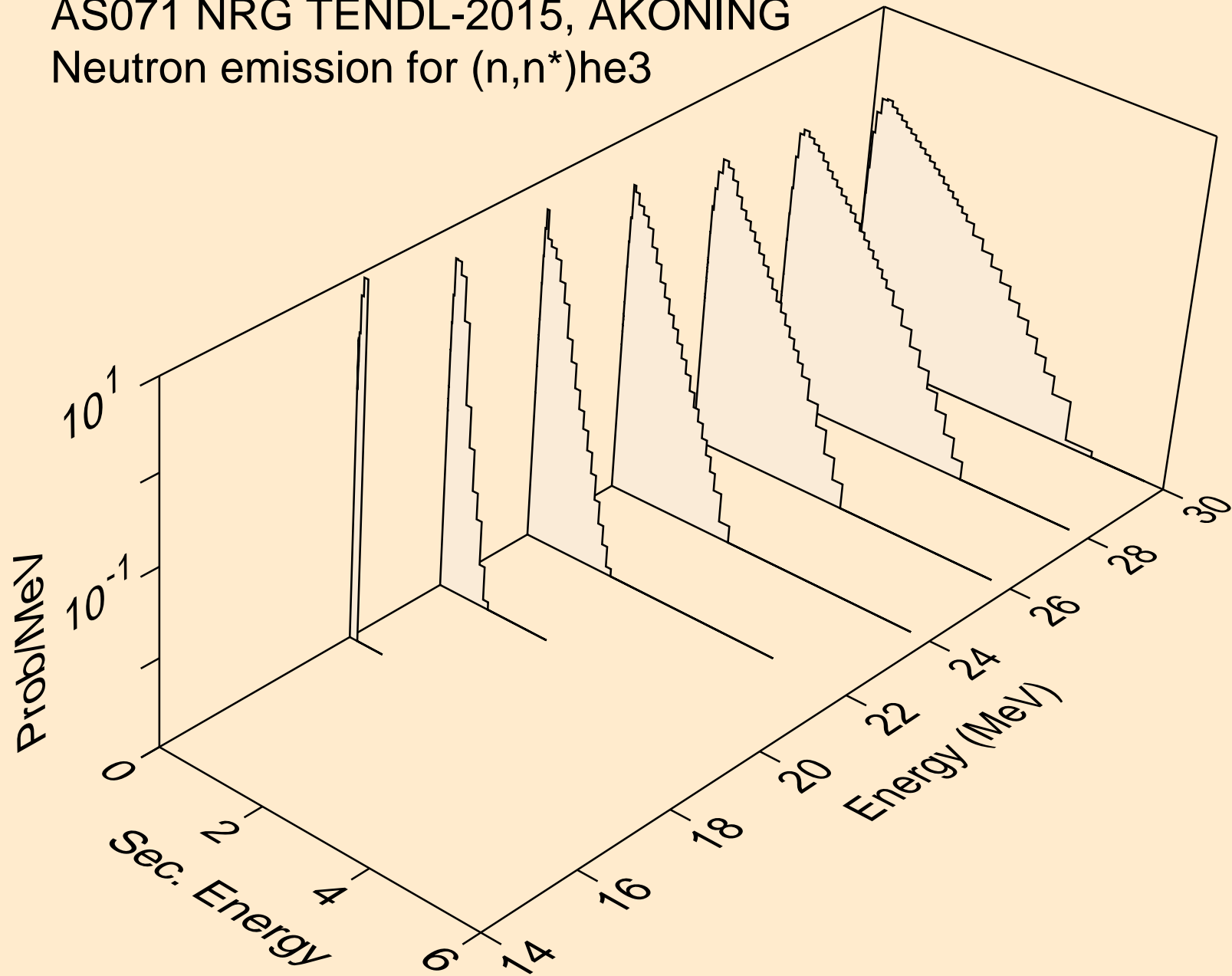
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



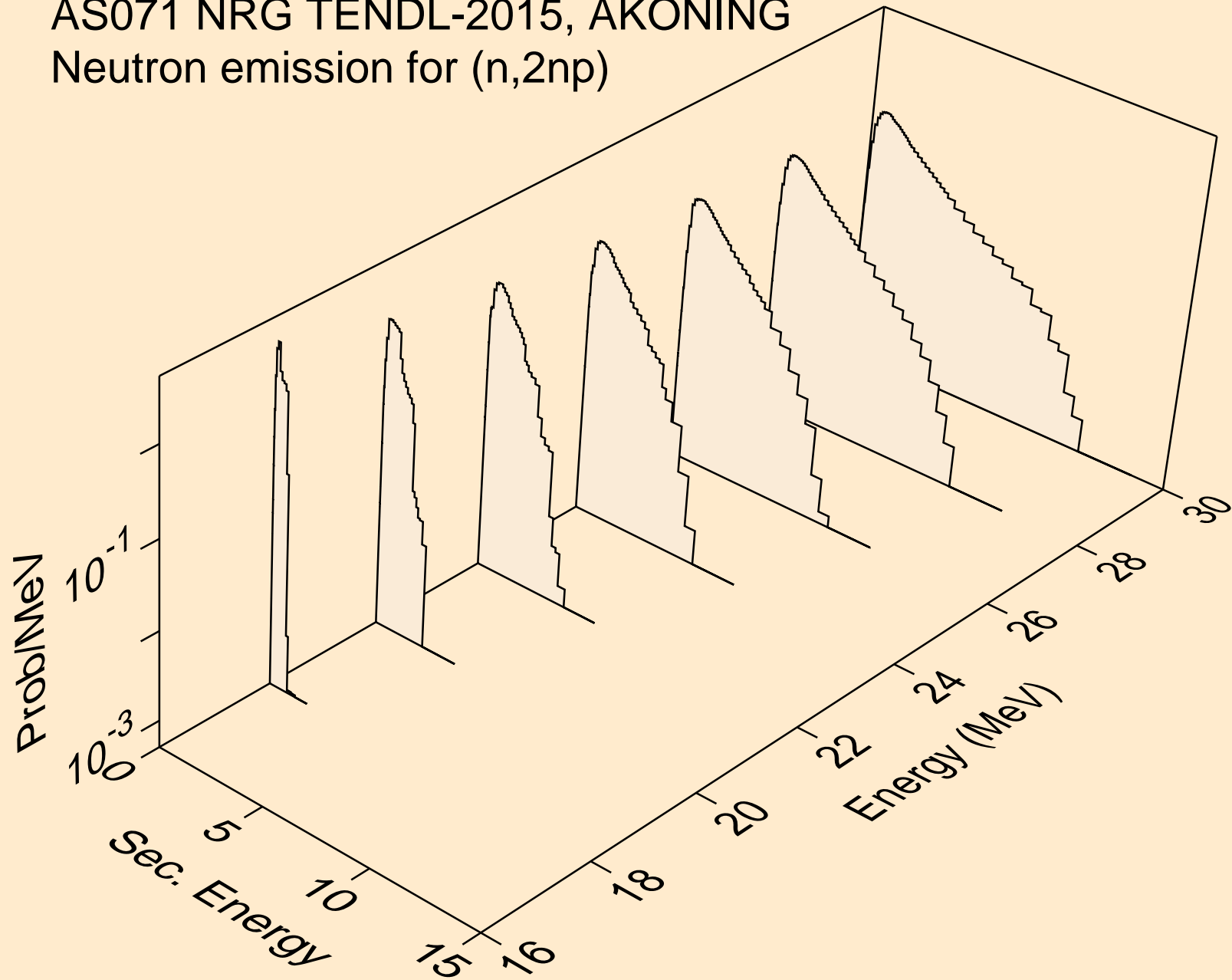
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Neutron emission for (n,n\*)t



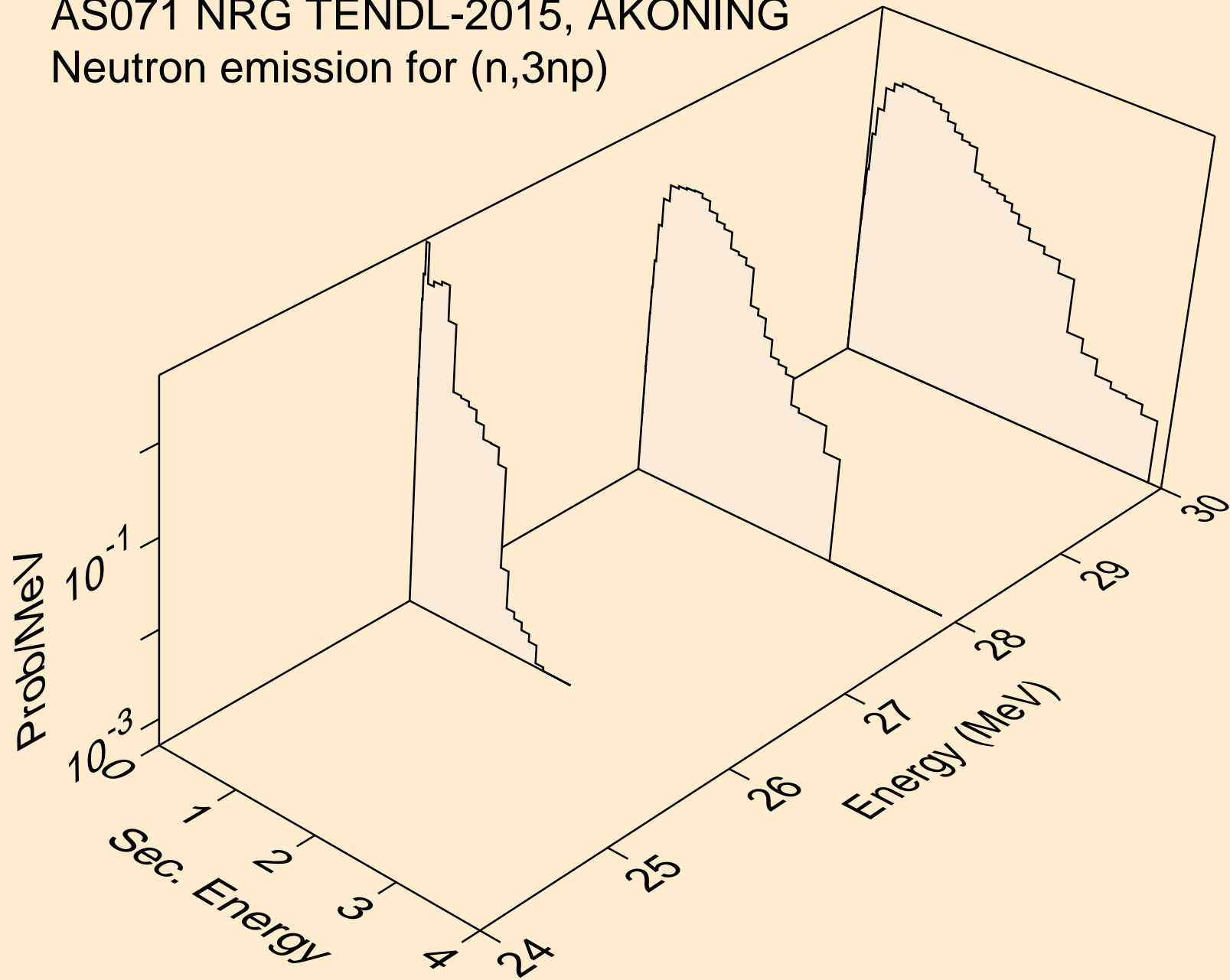
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



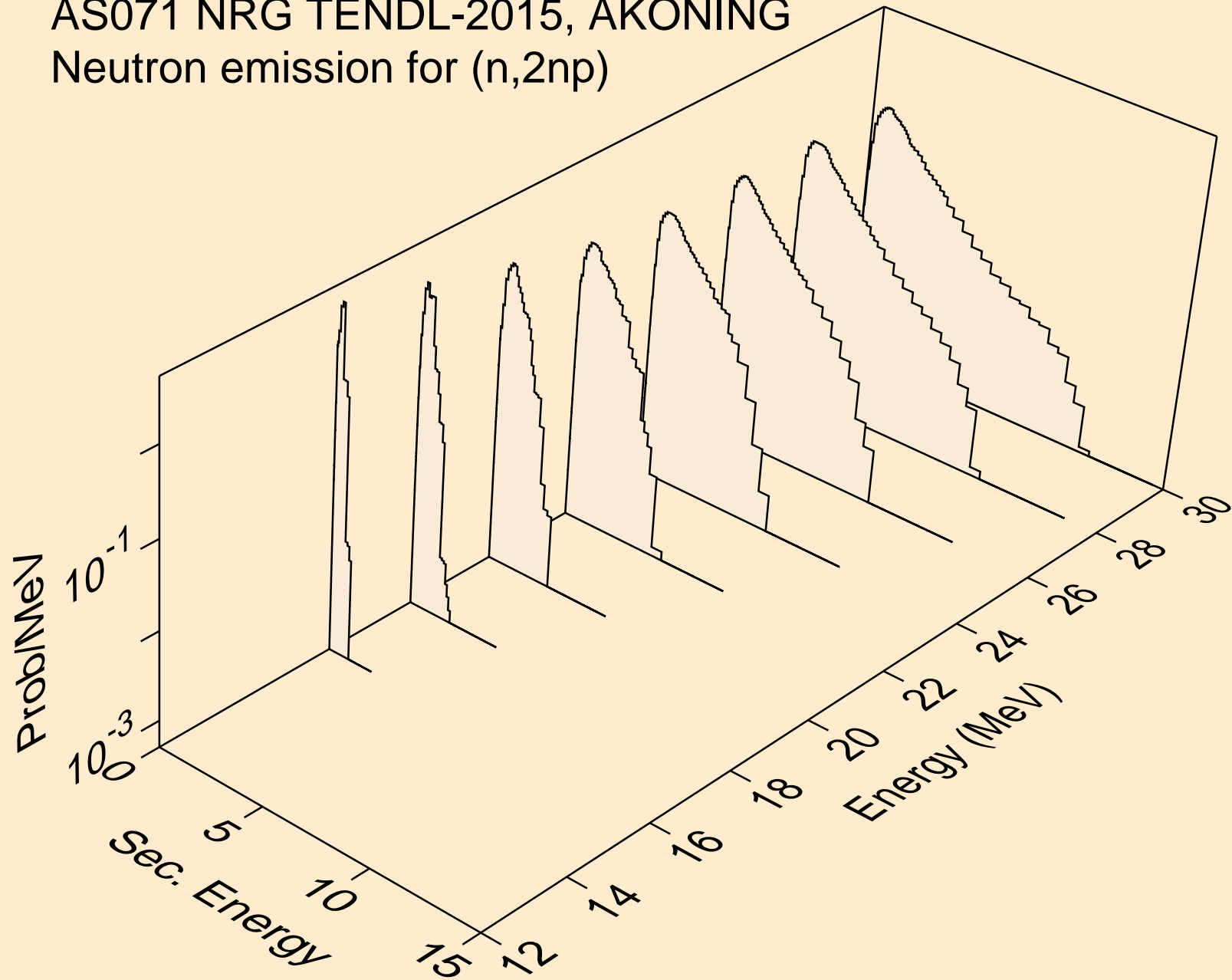
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

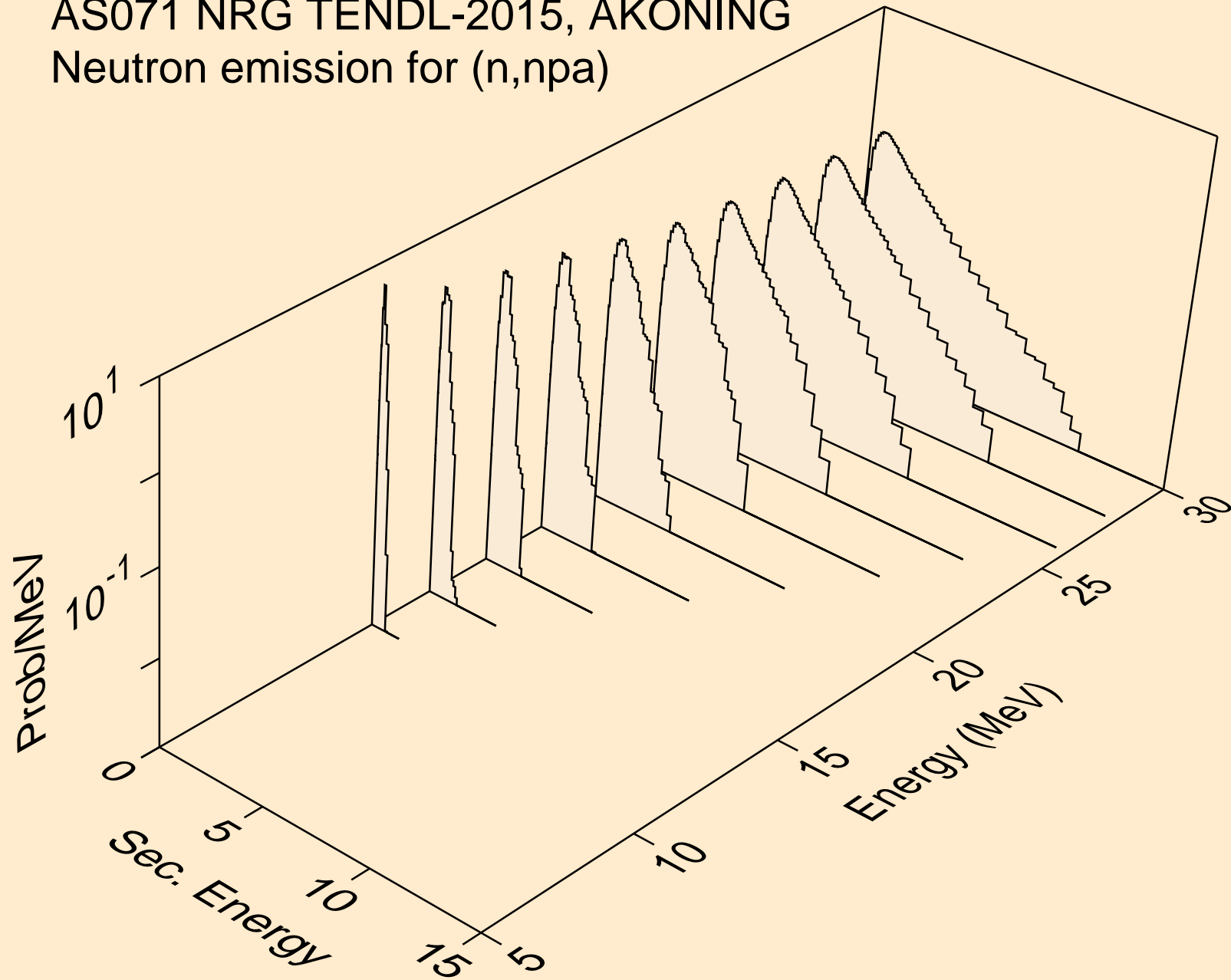


AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

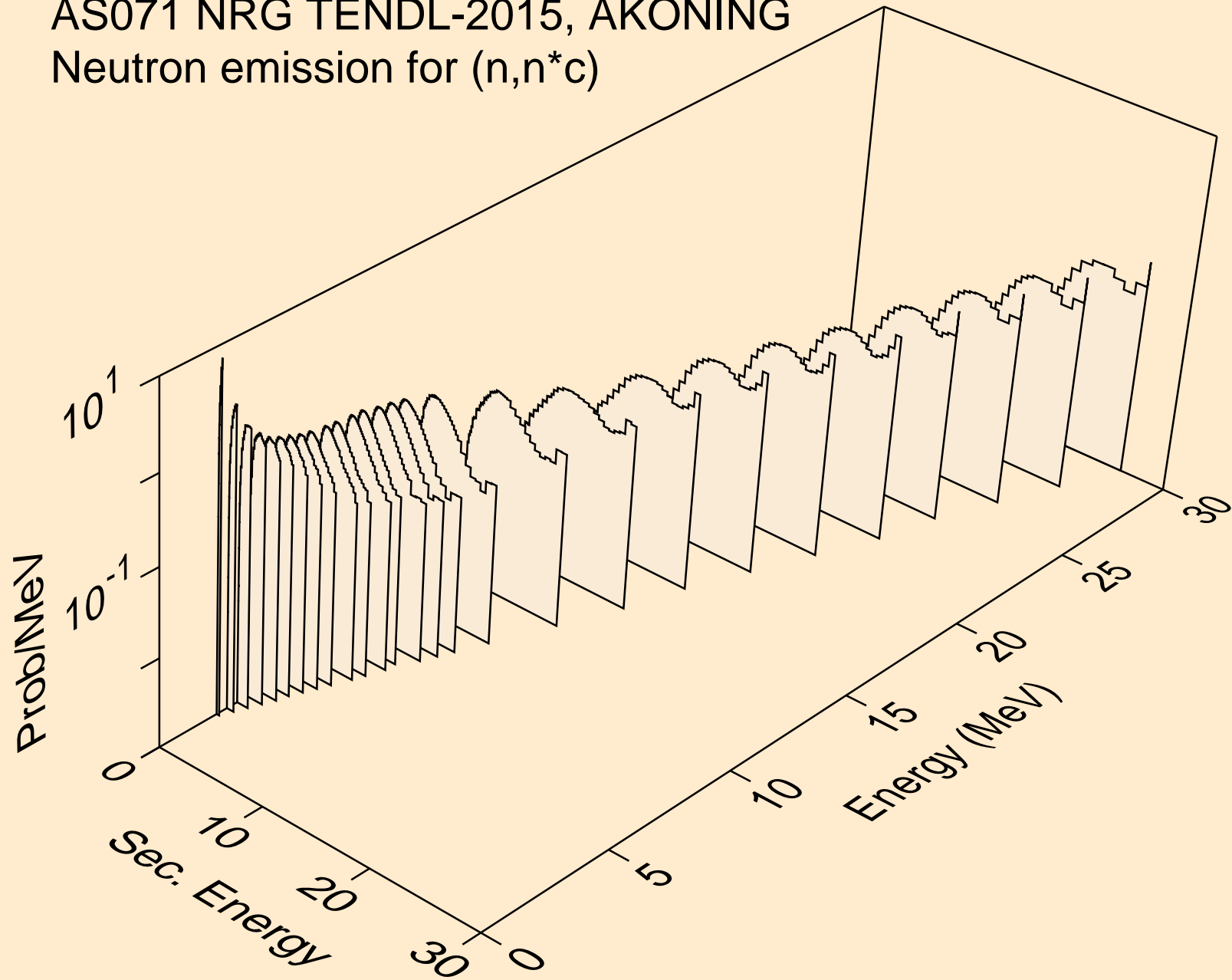




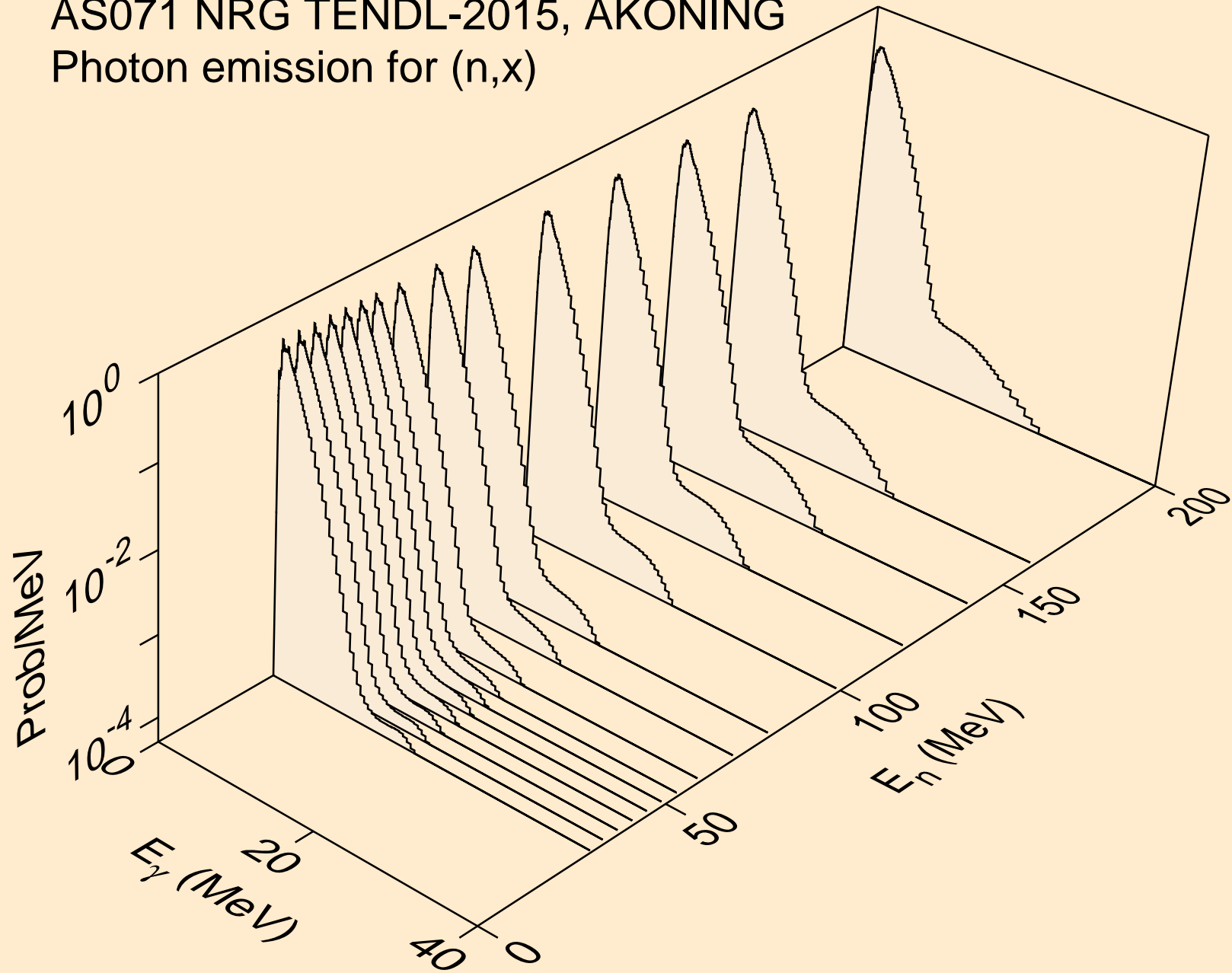
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



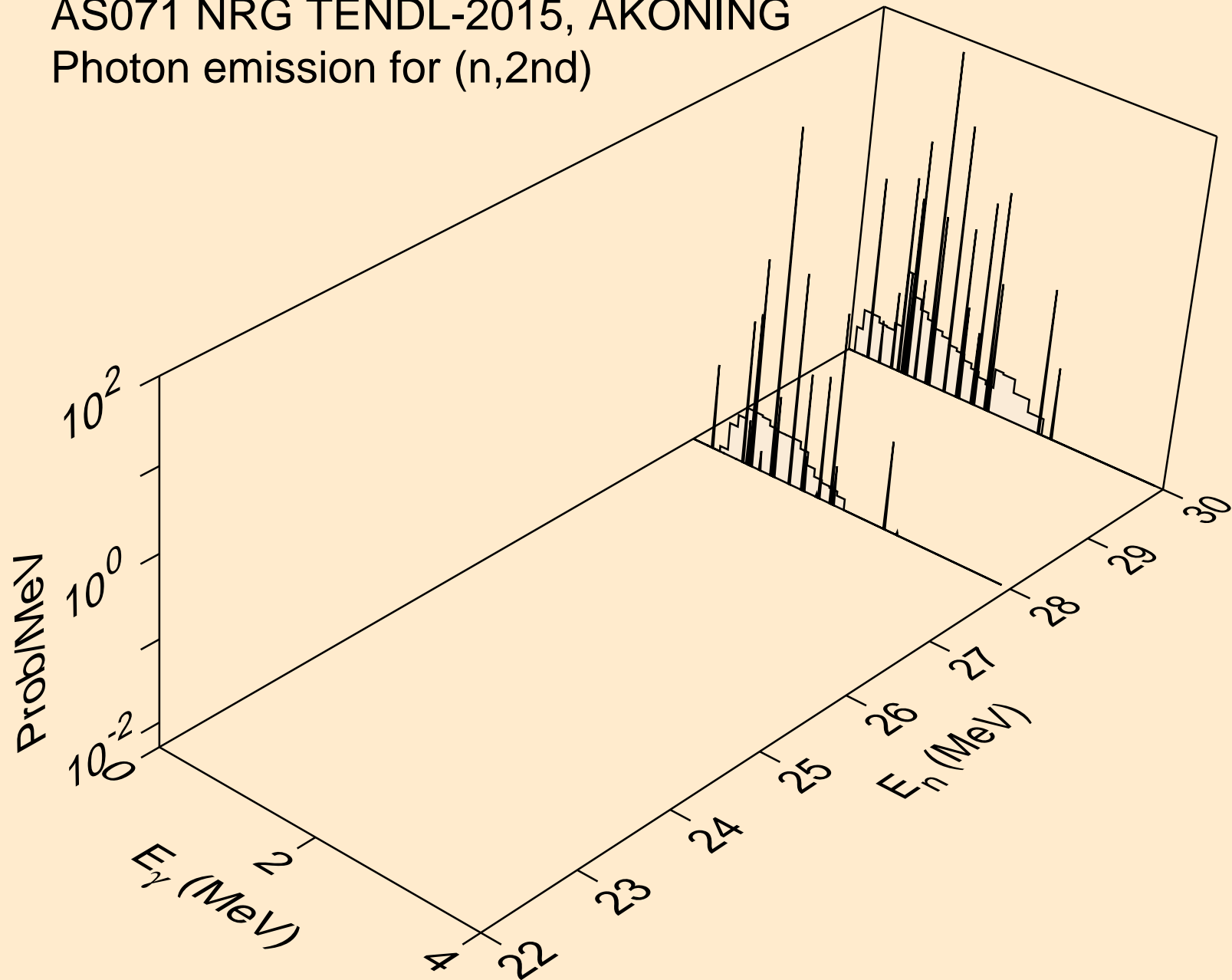
AS071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



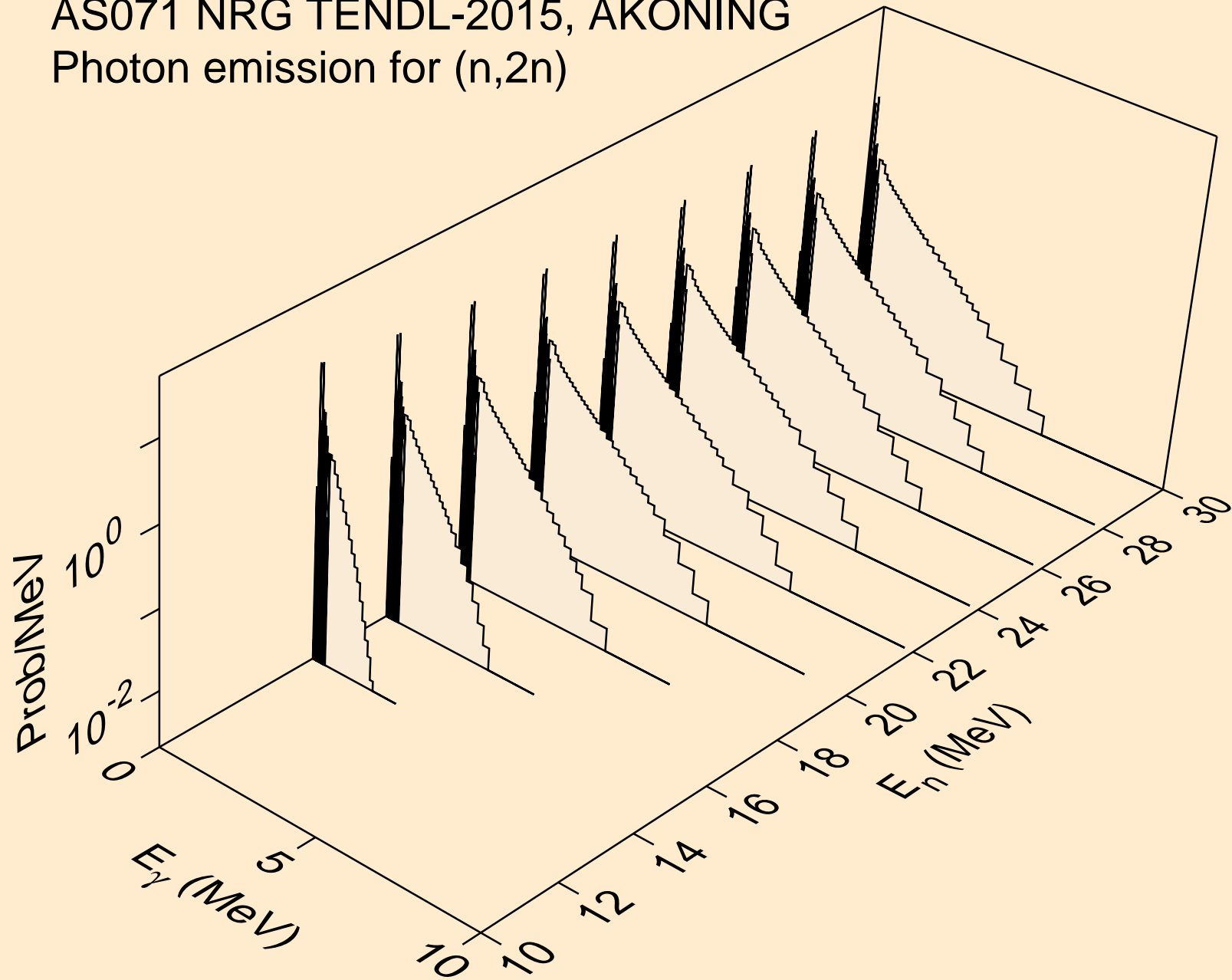
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



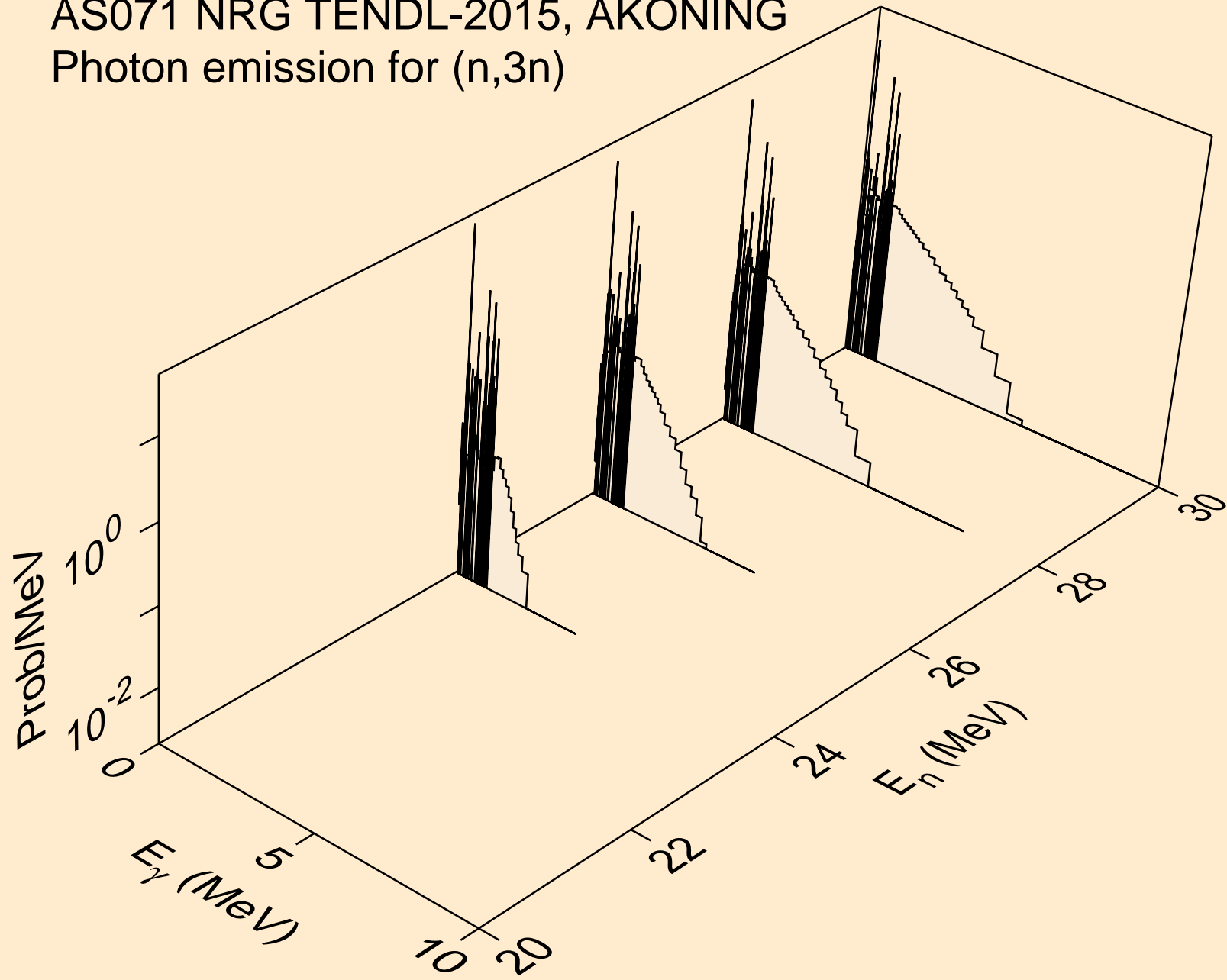
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



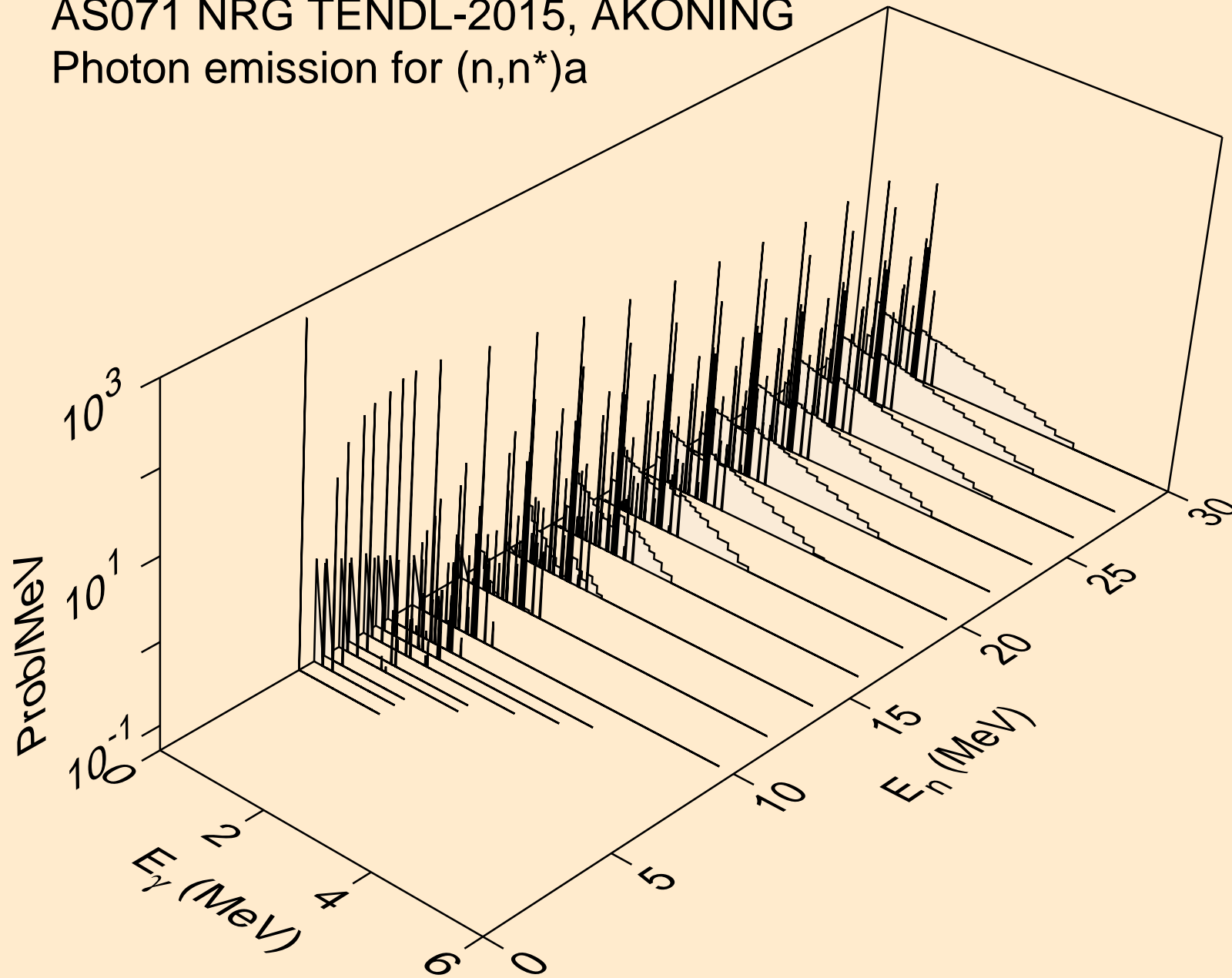
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



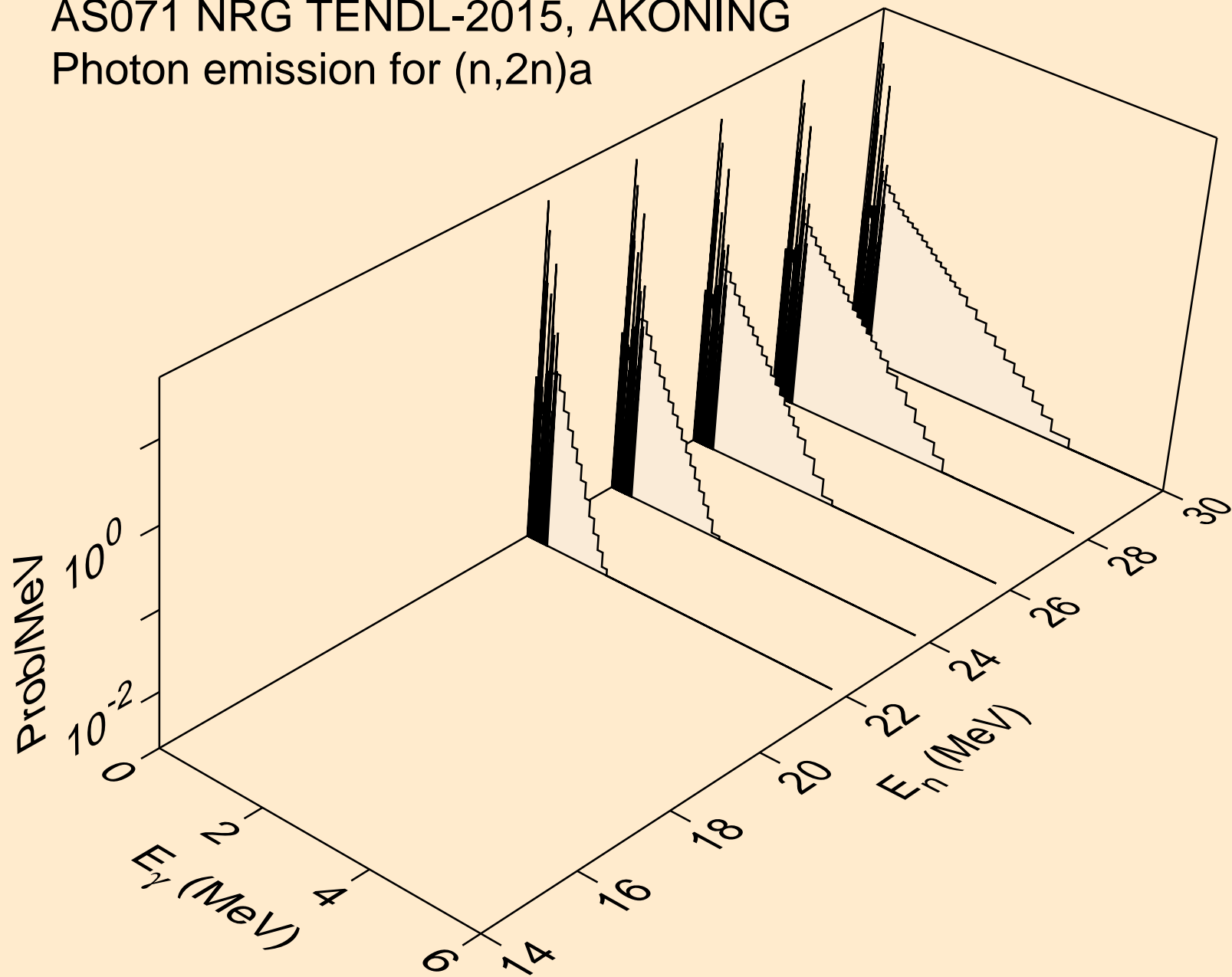
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

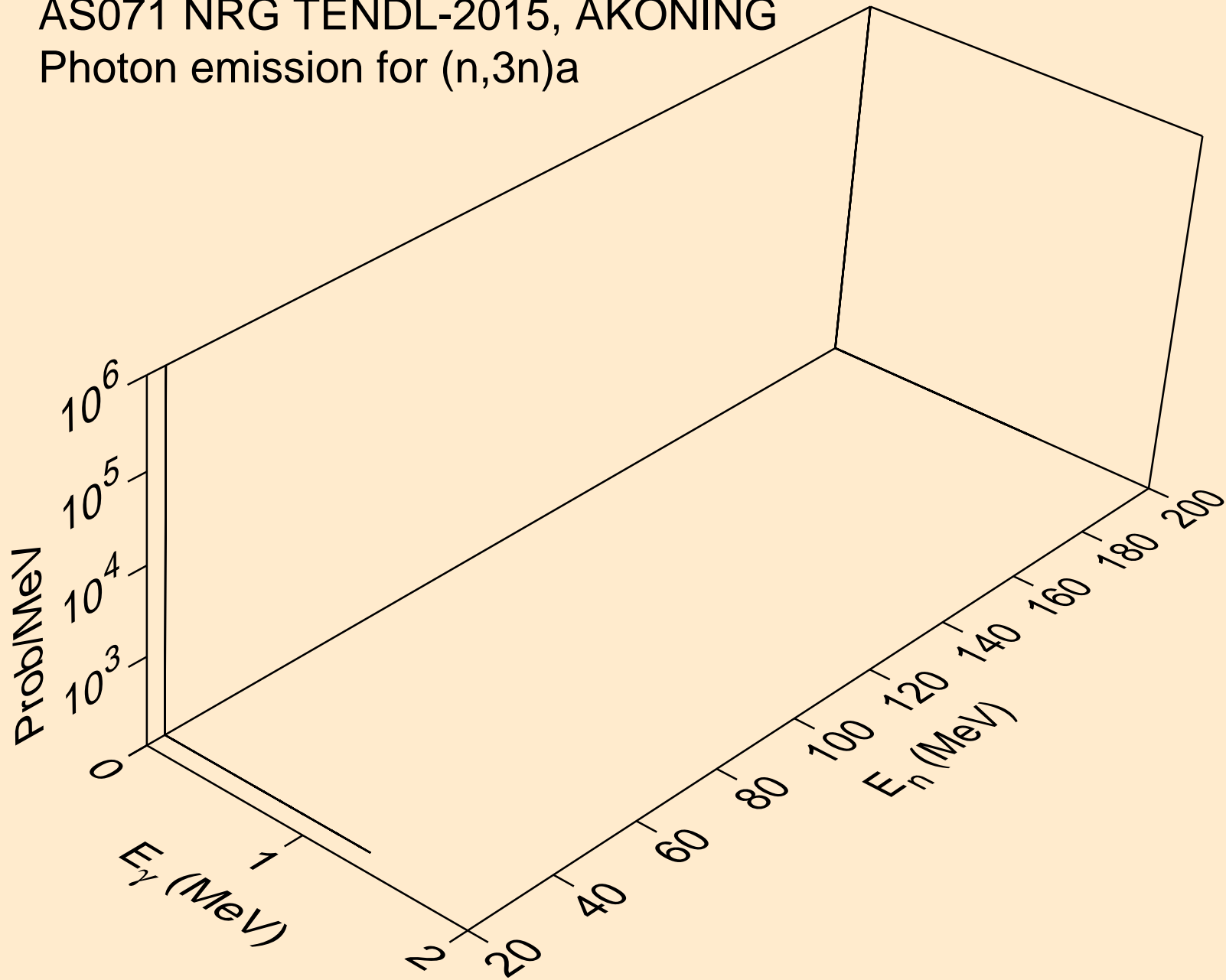


AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

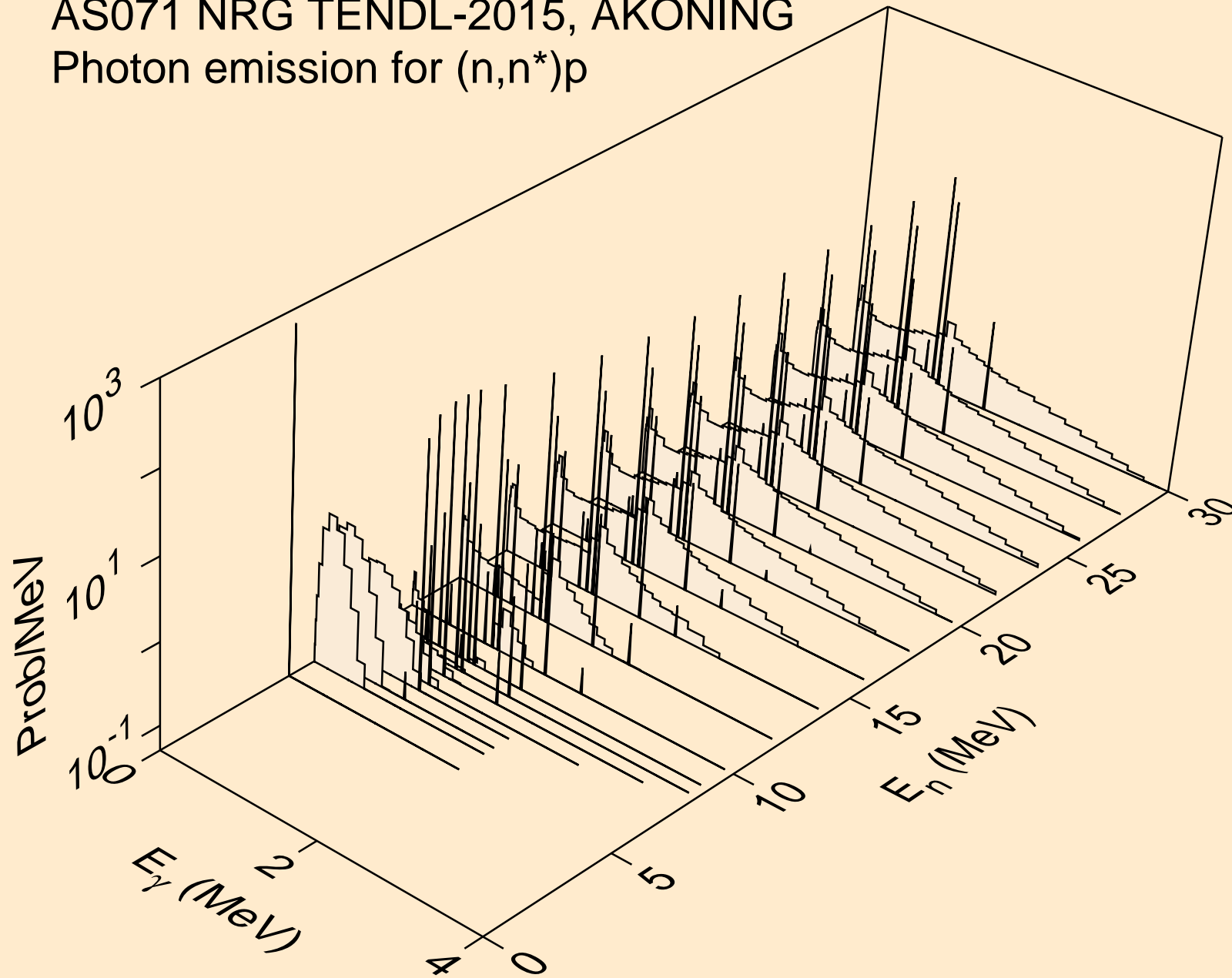




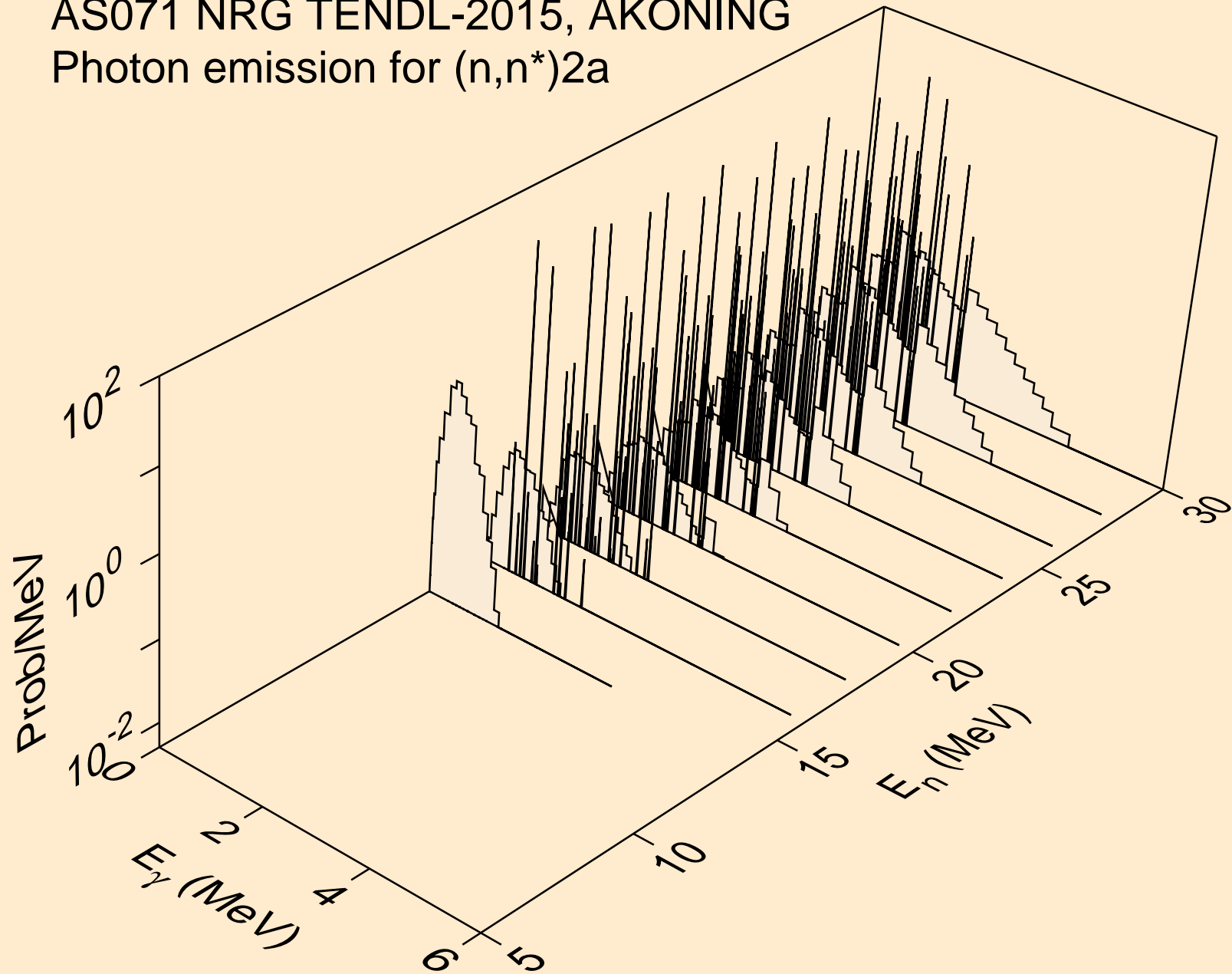
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



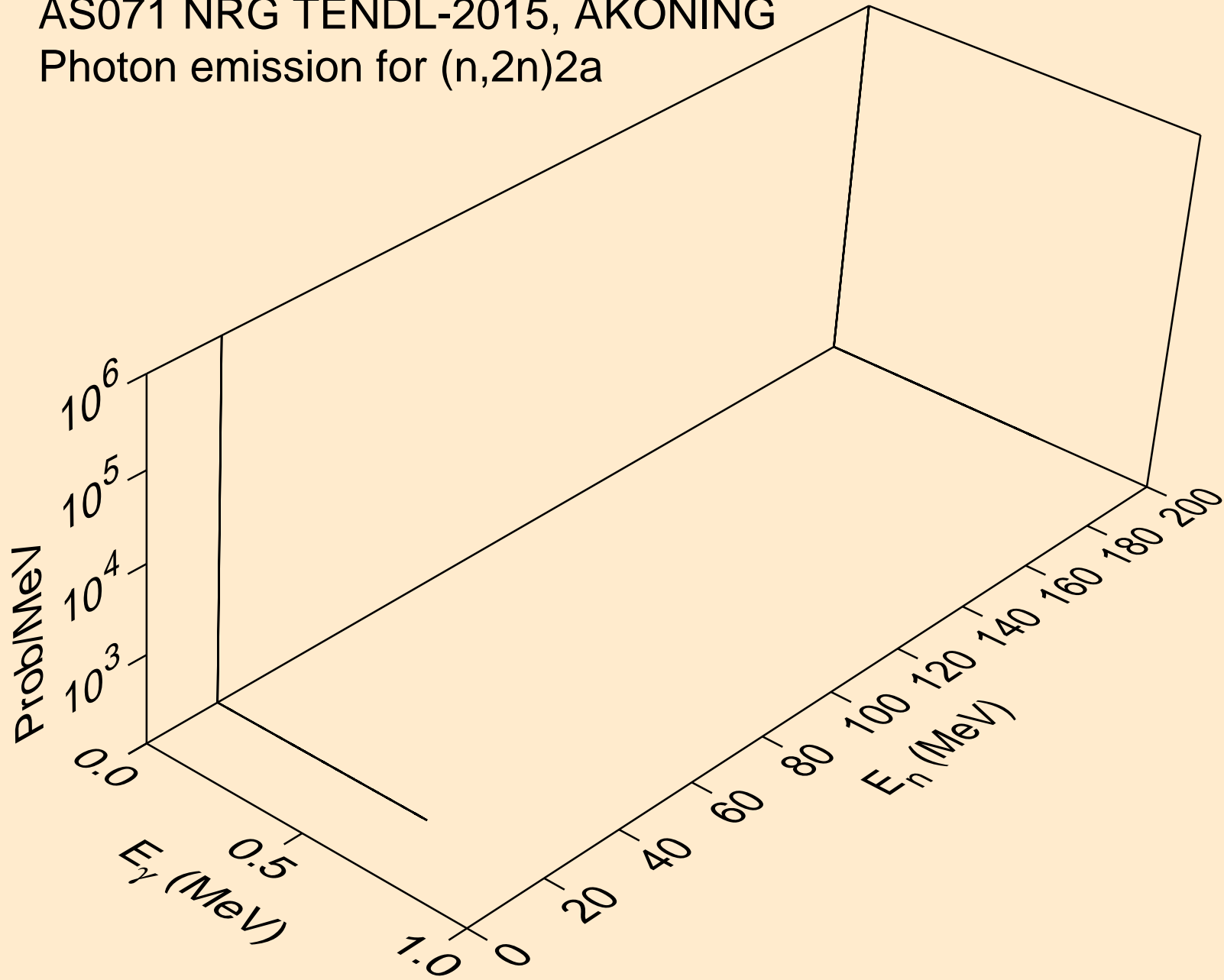
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



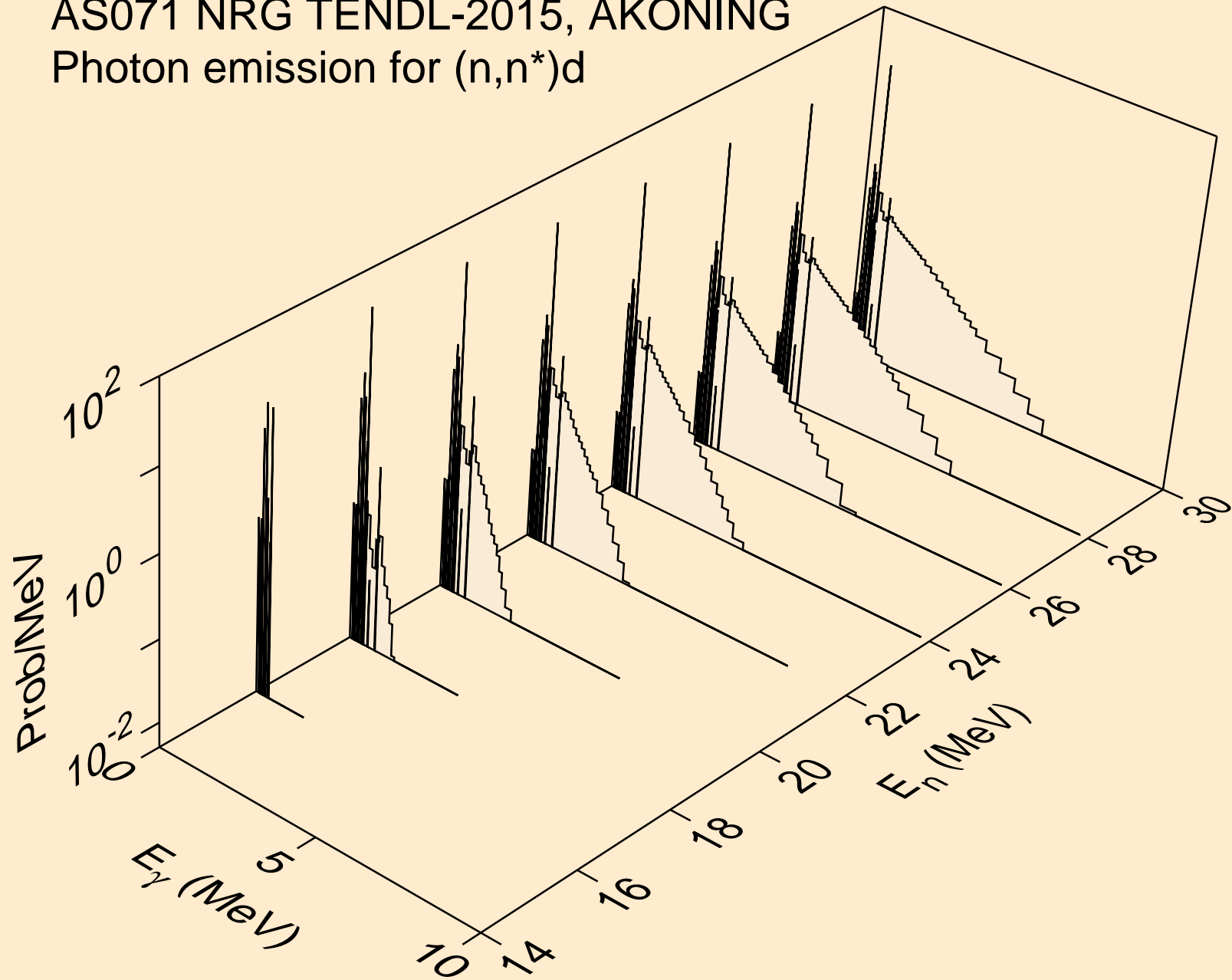
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



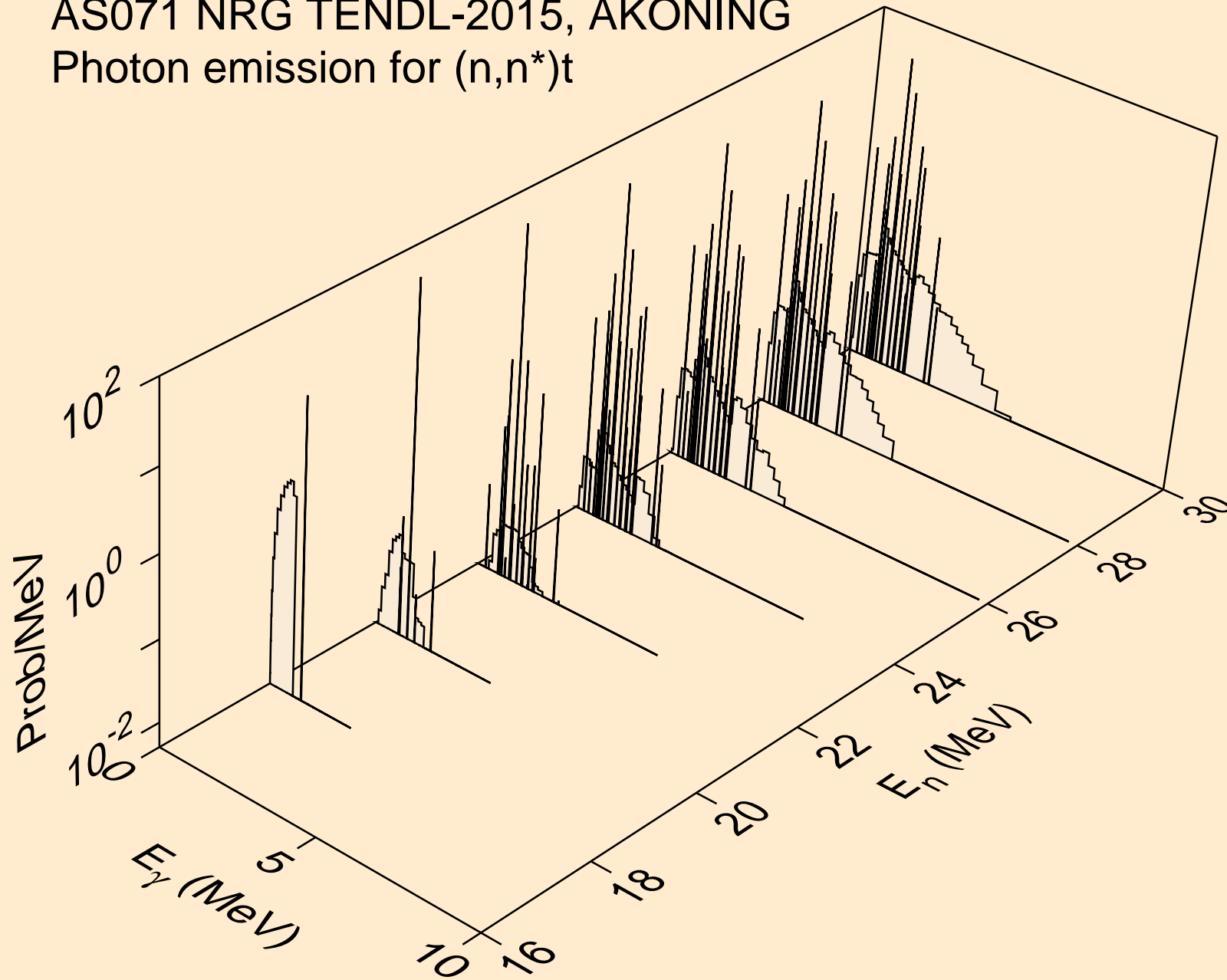
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



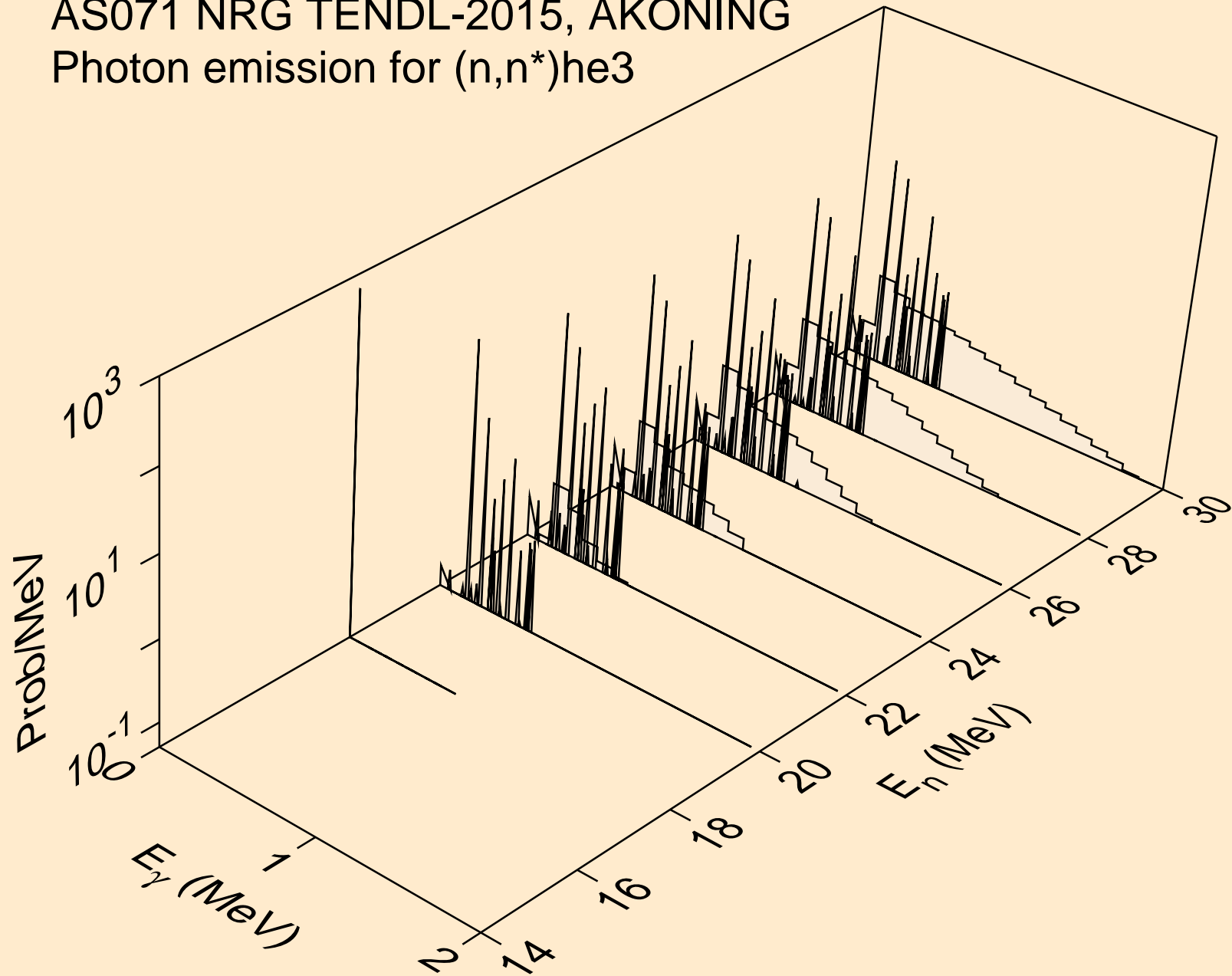
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



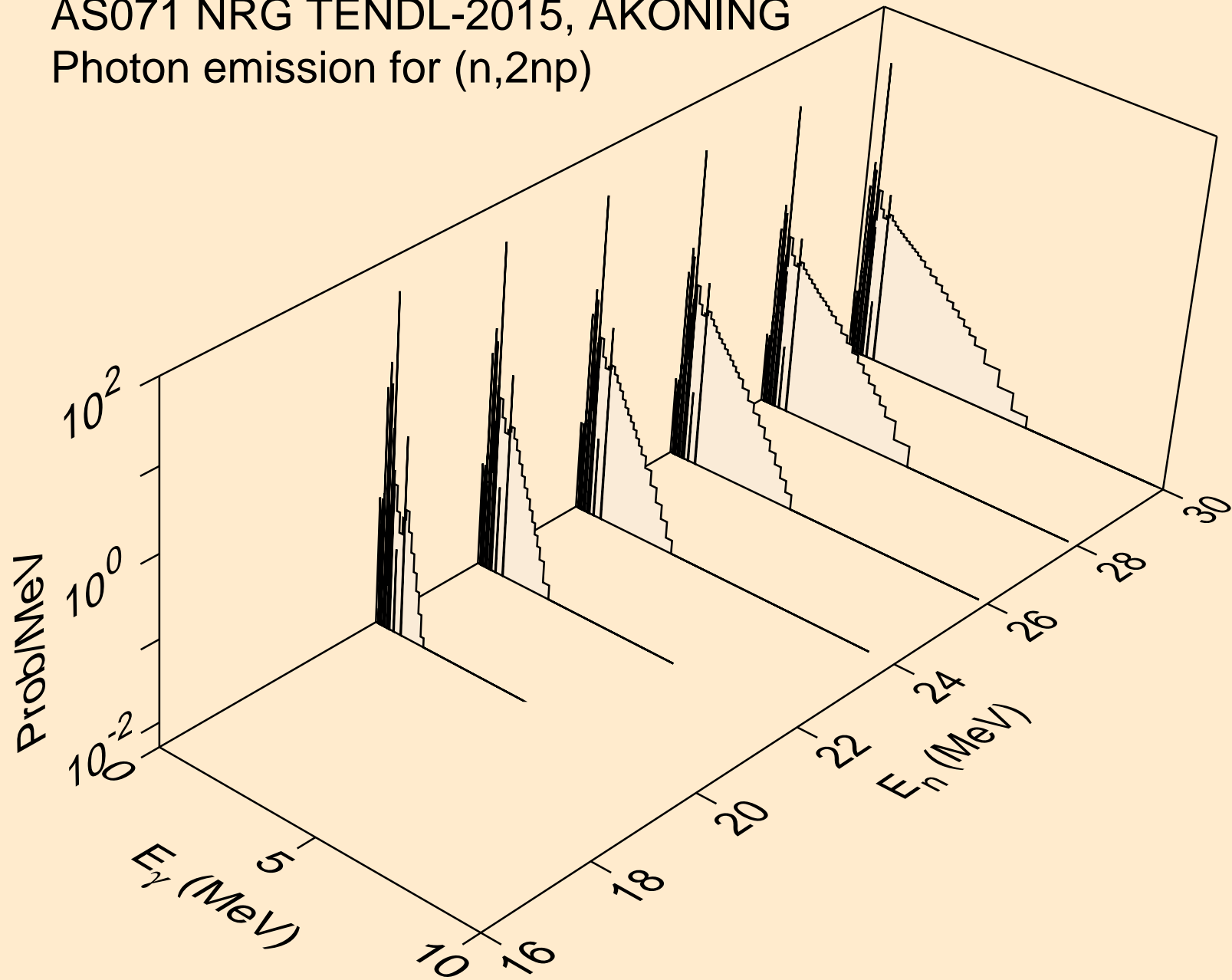
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

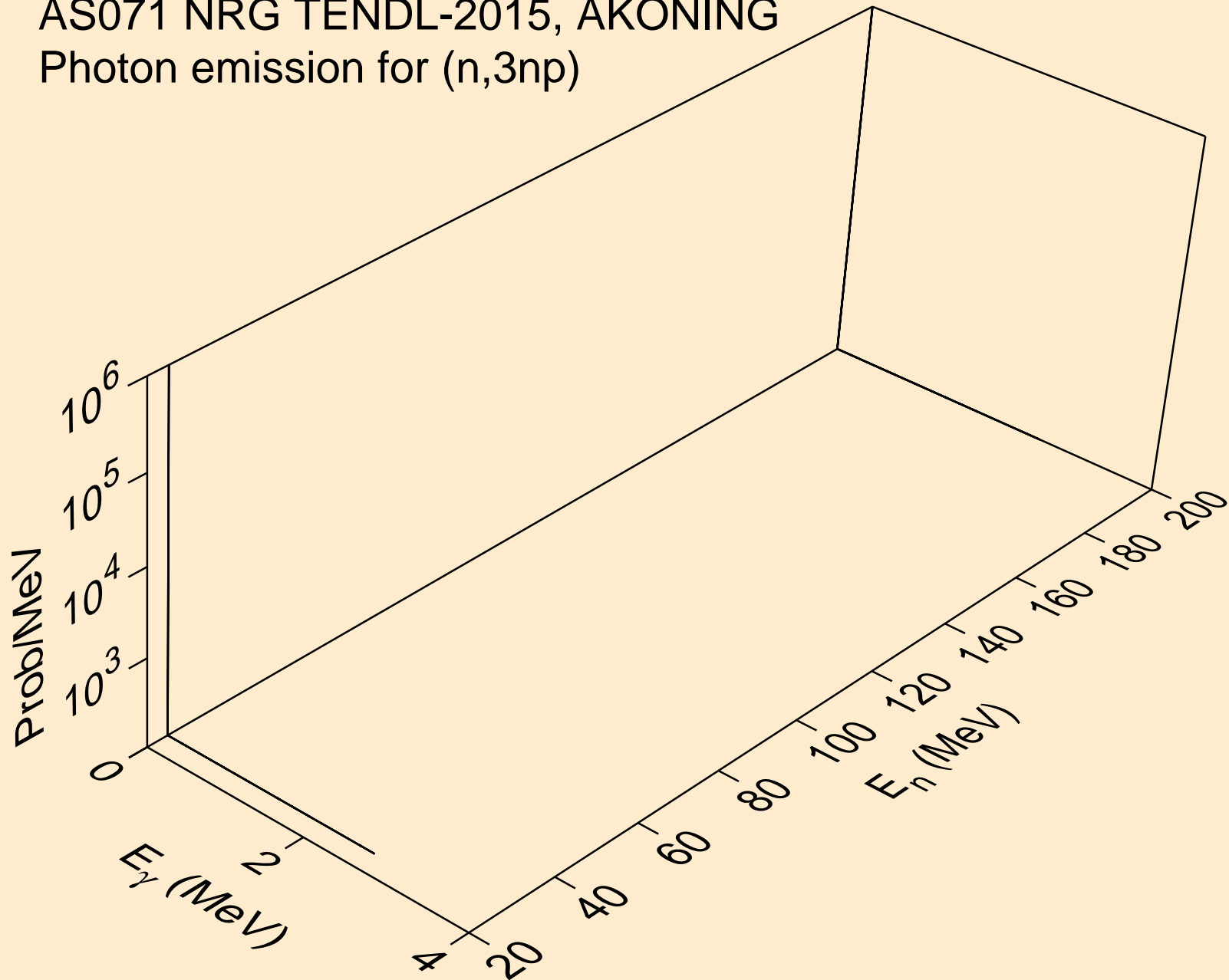


AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

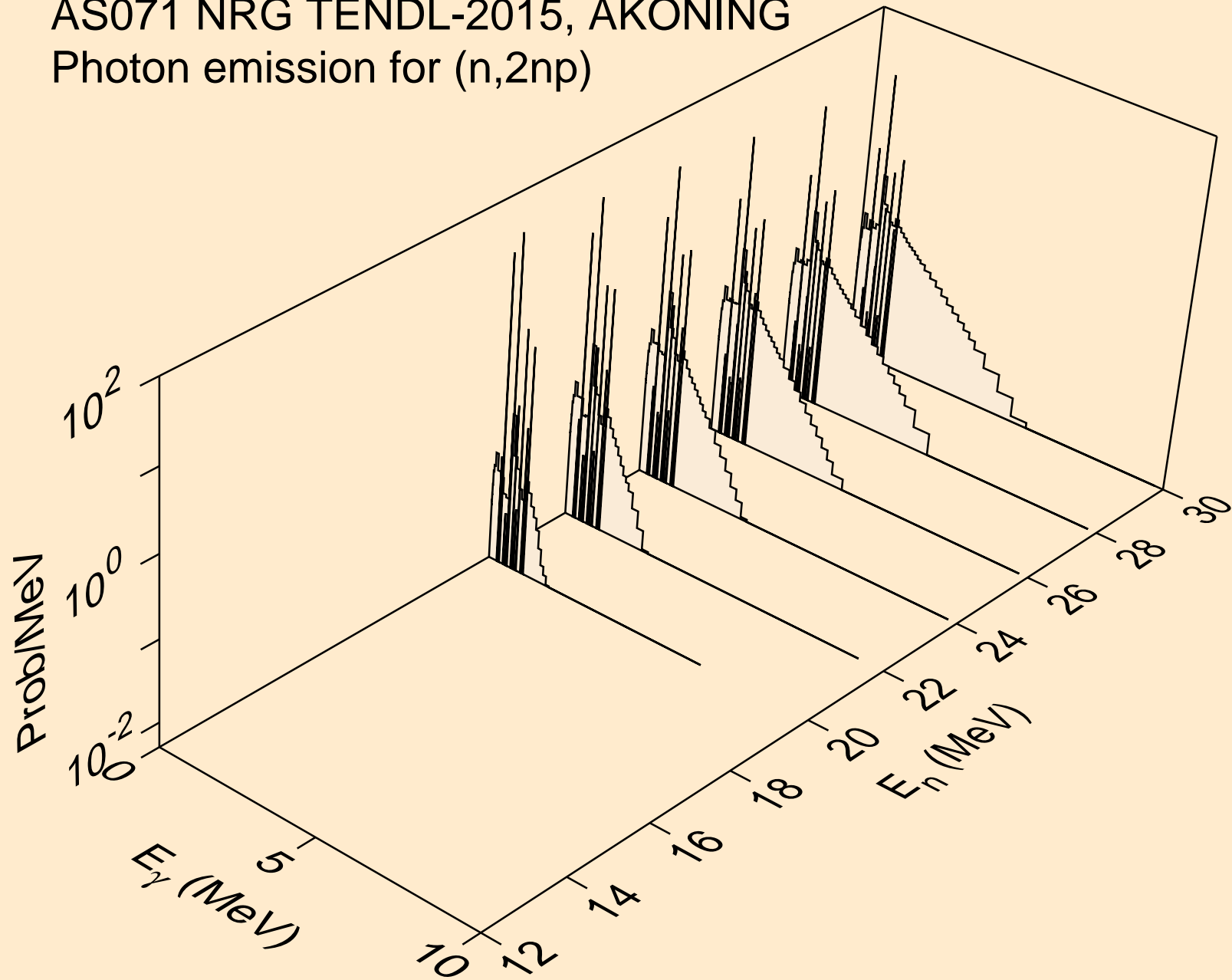




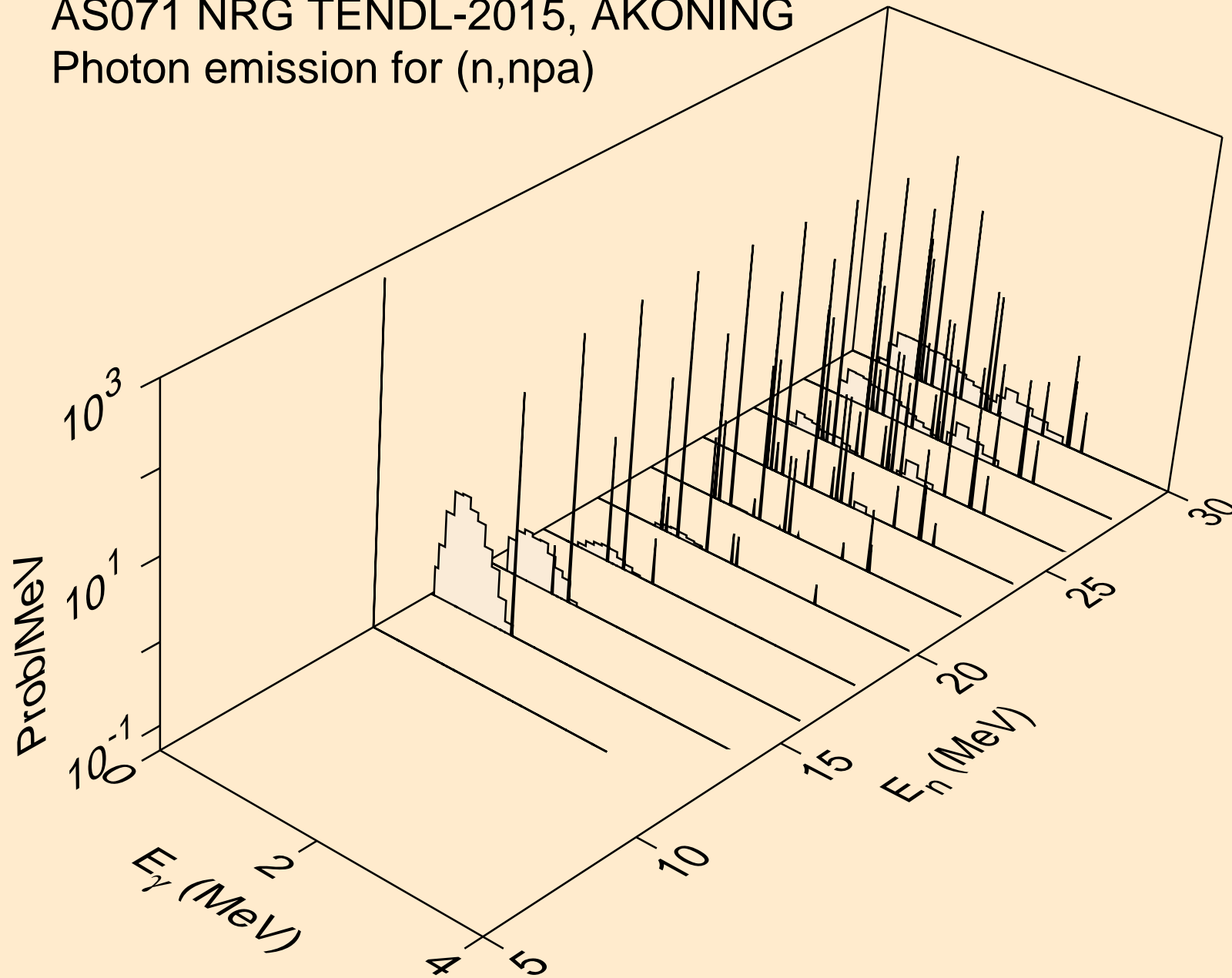
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



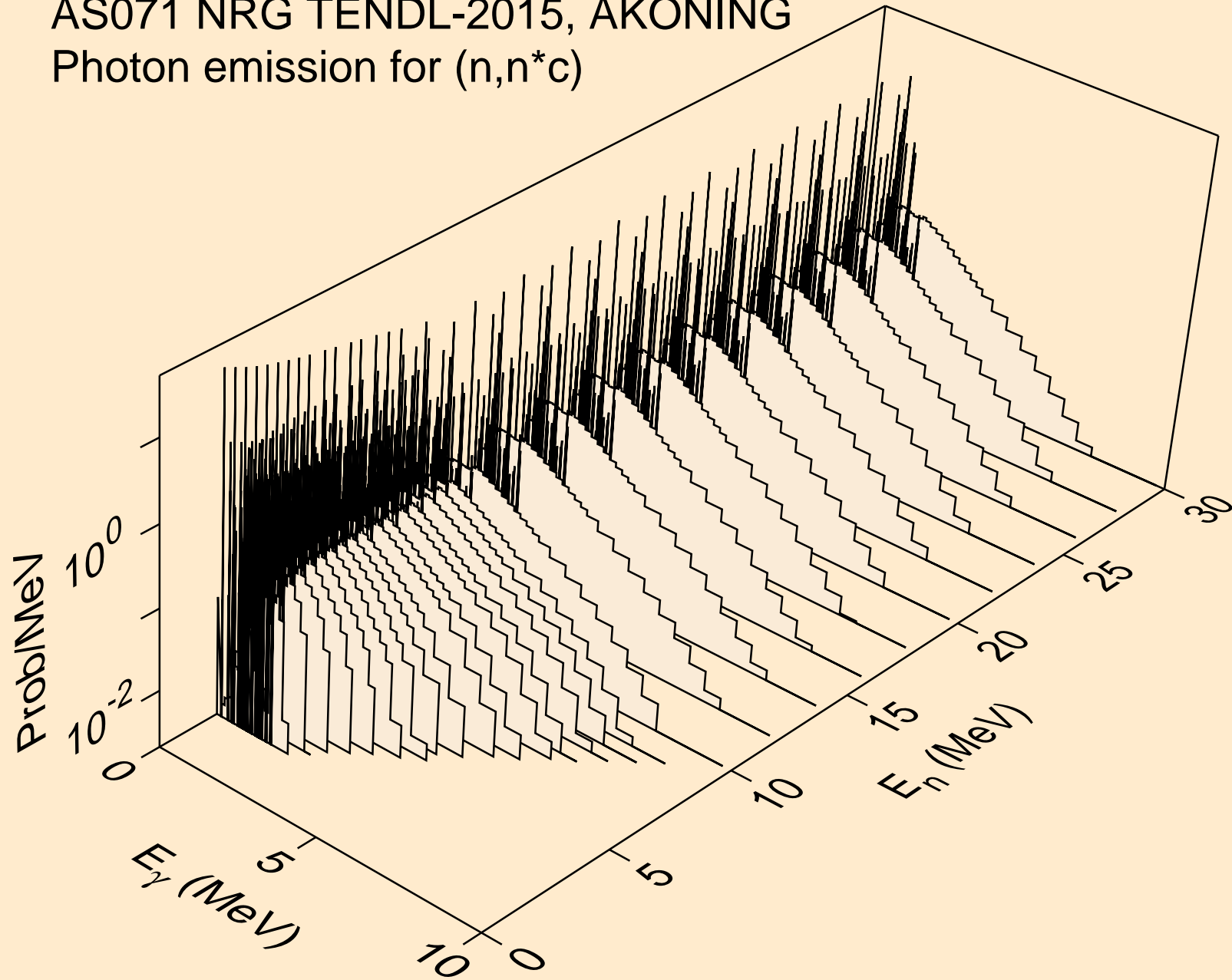
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Photon emission for (n,2np)



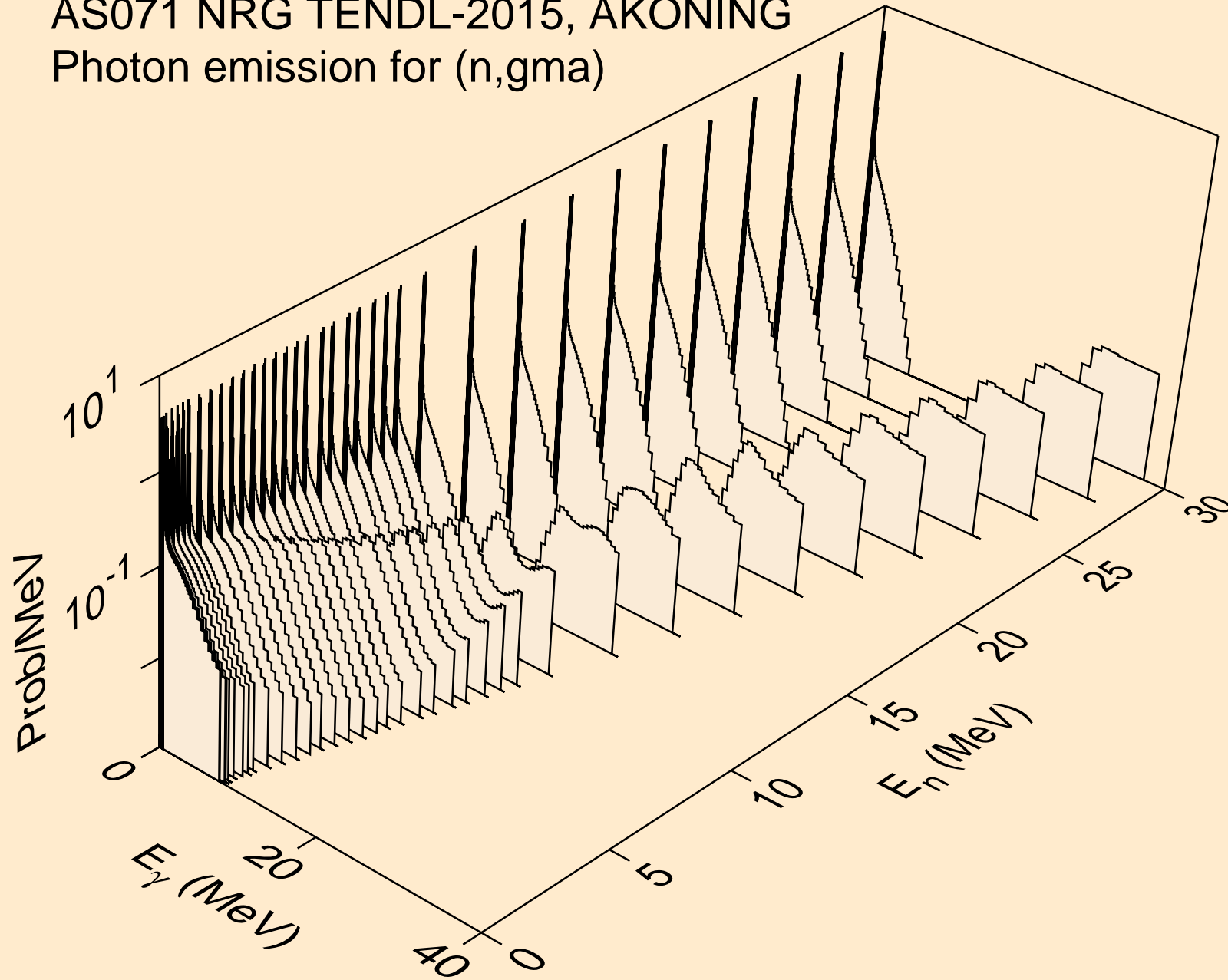
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



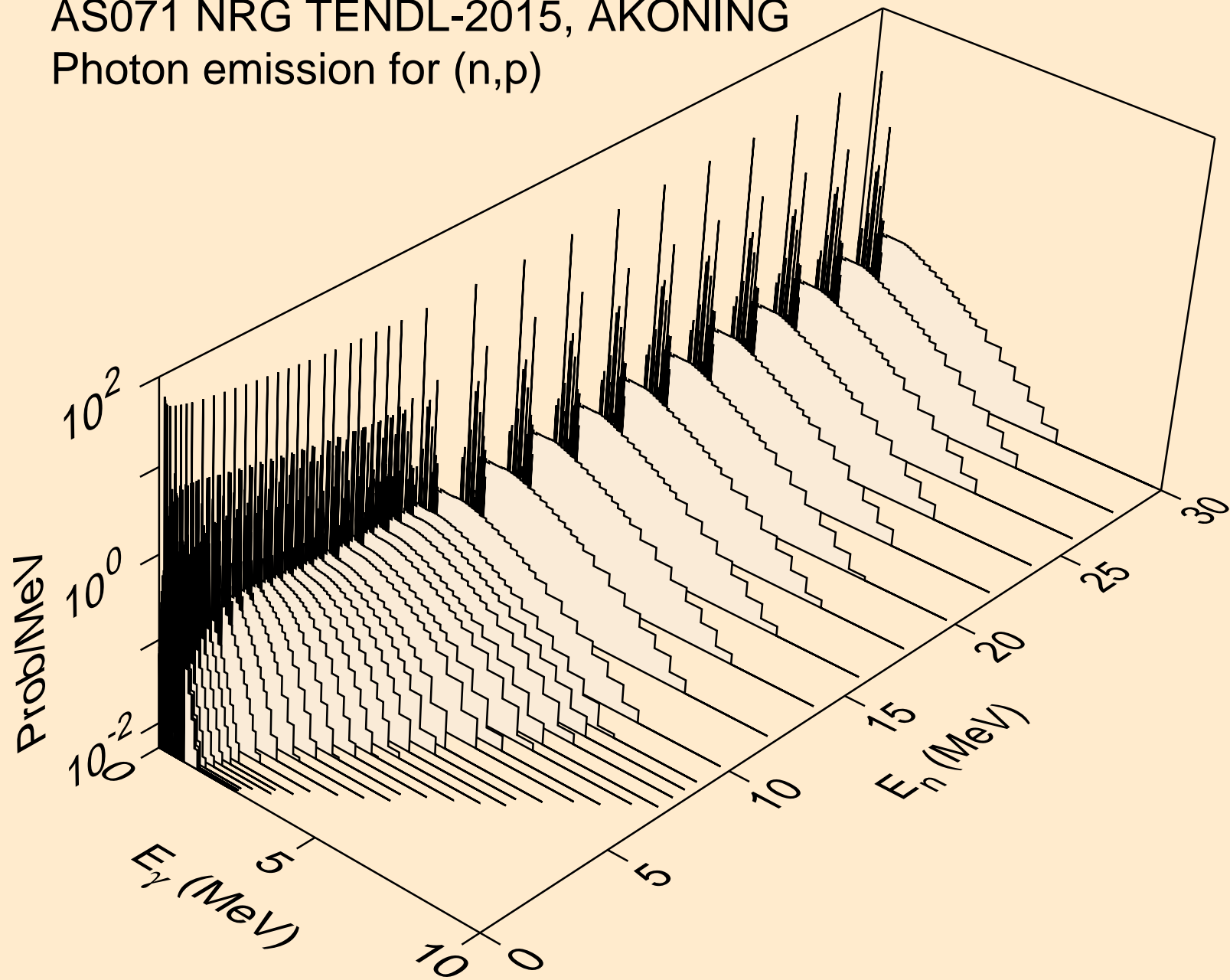
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



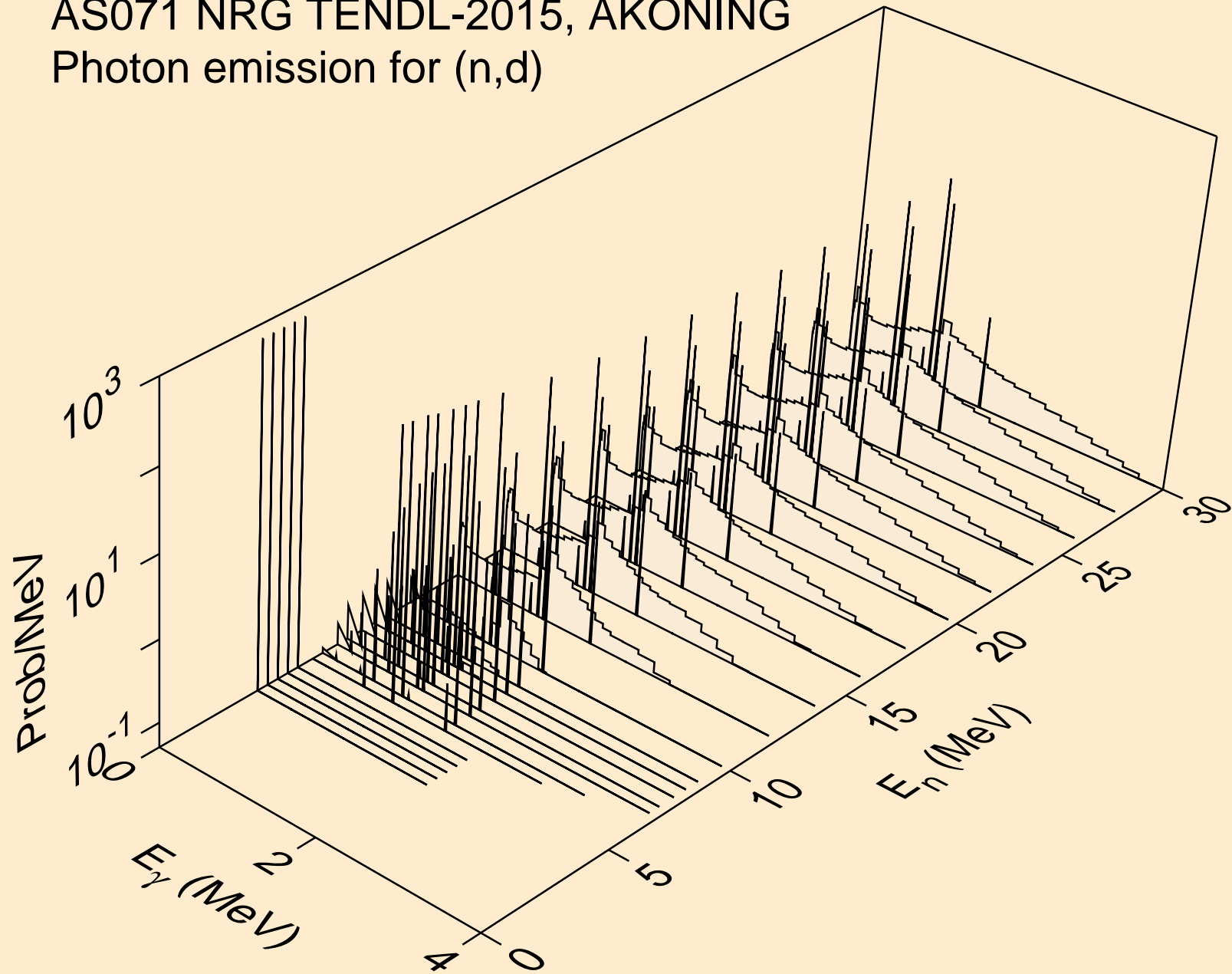
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Photon emission for (n,gma)



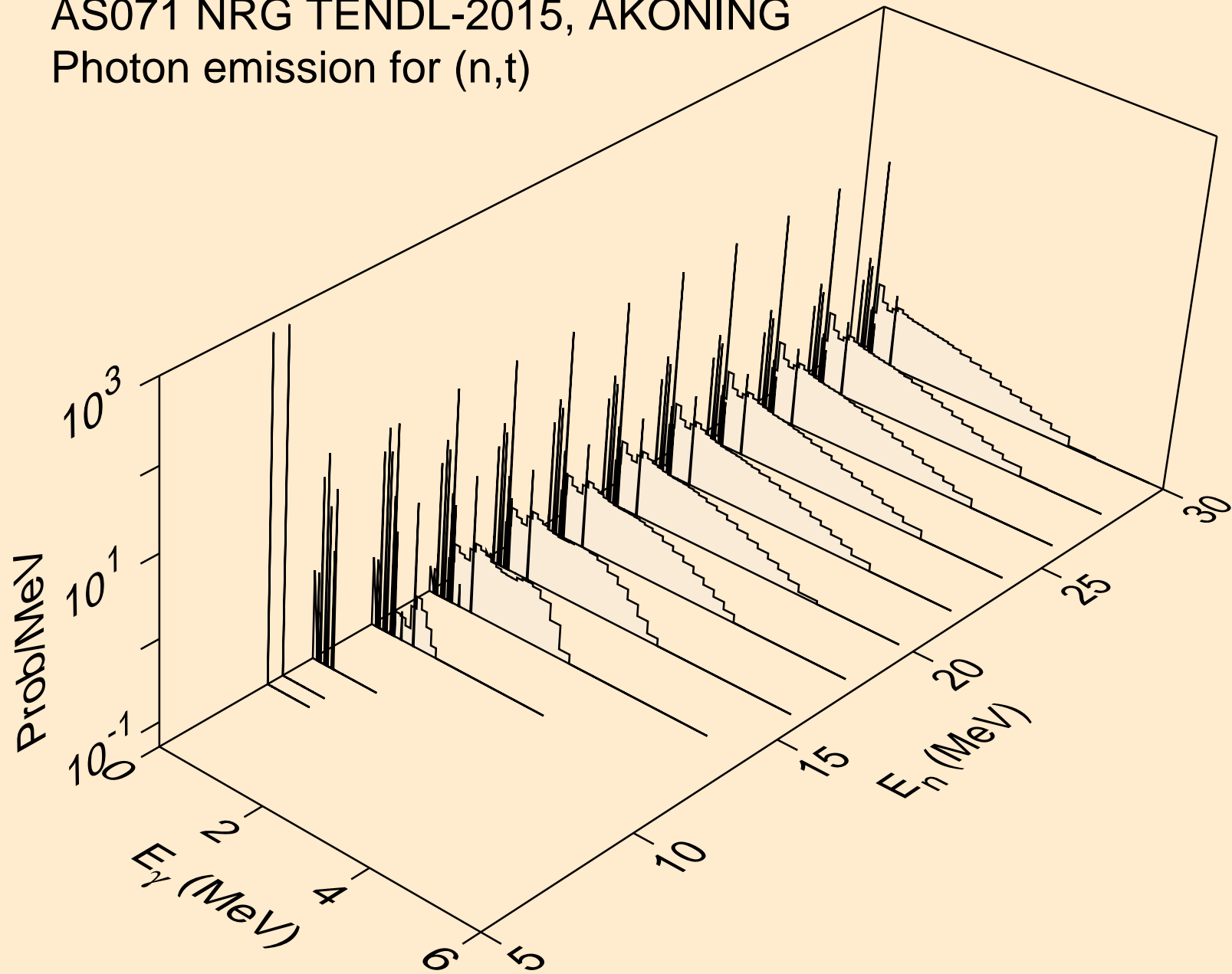
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

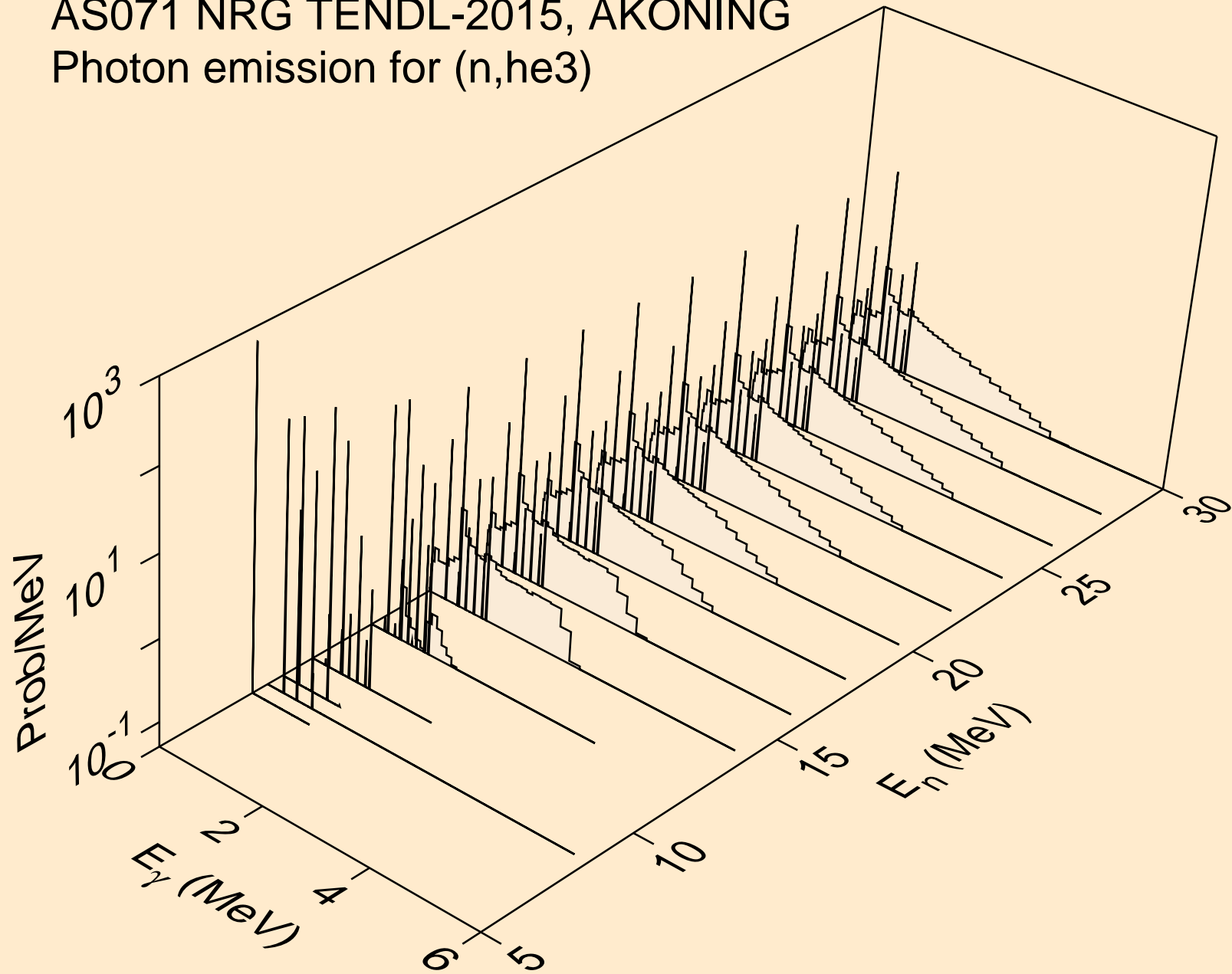


AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

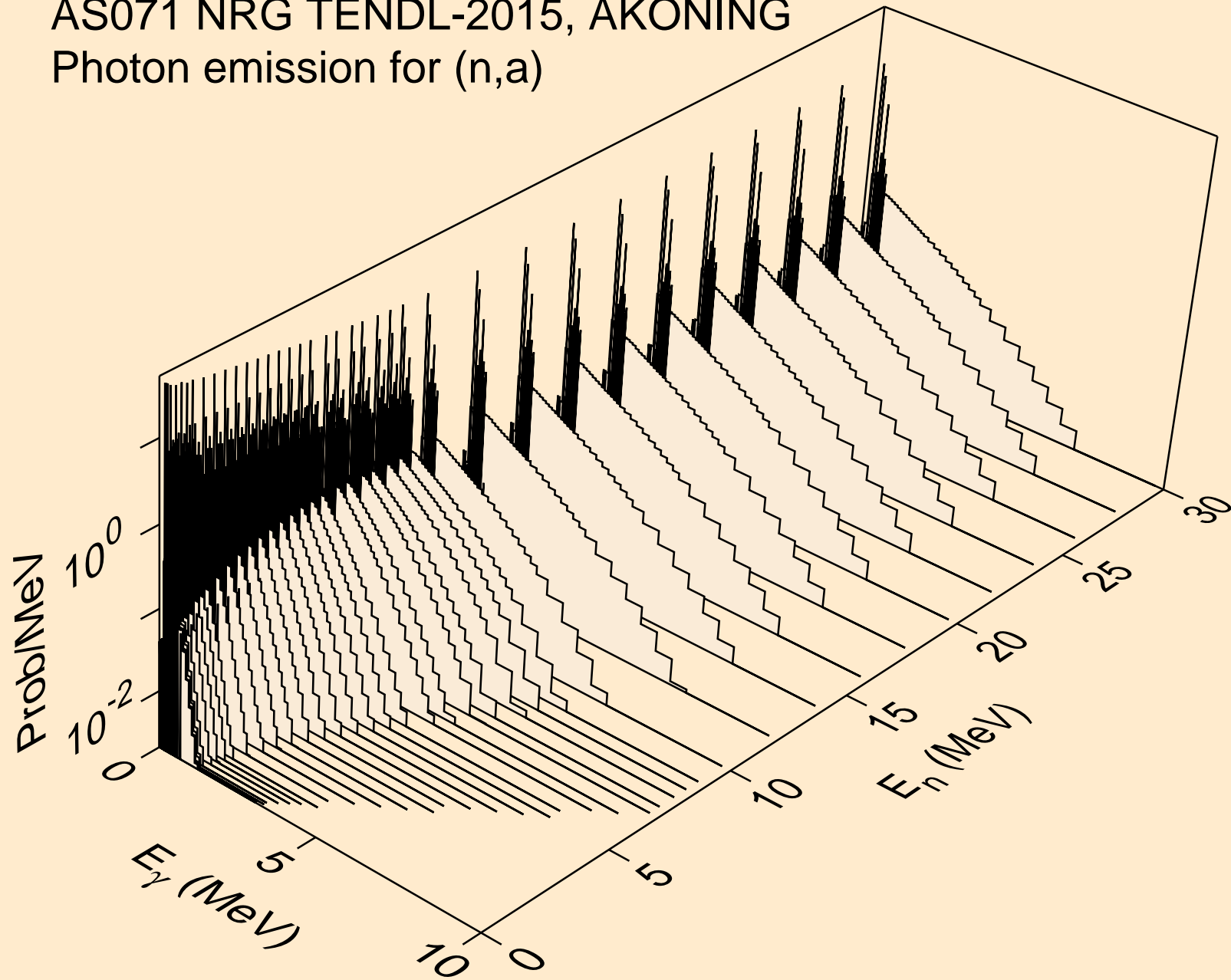




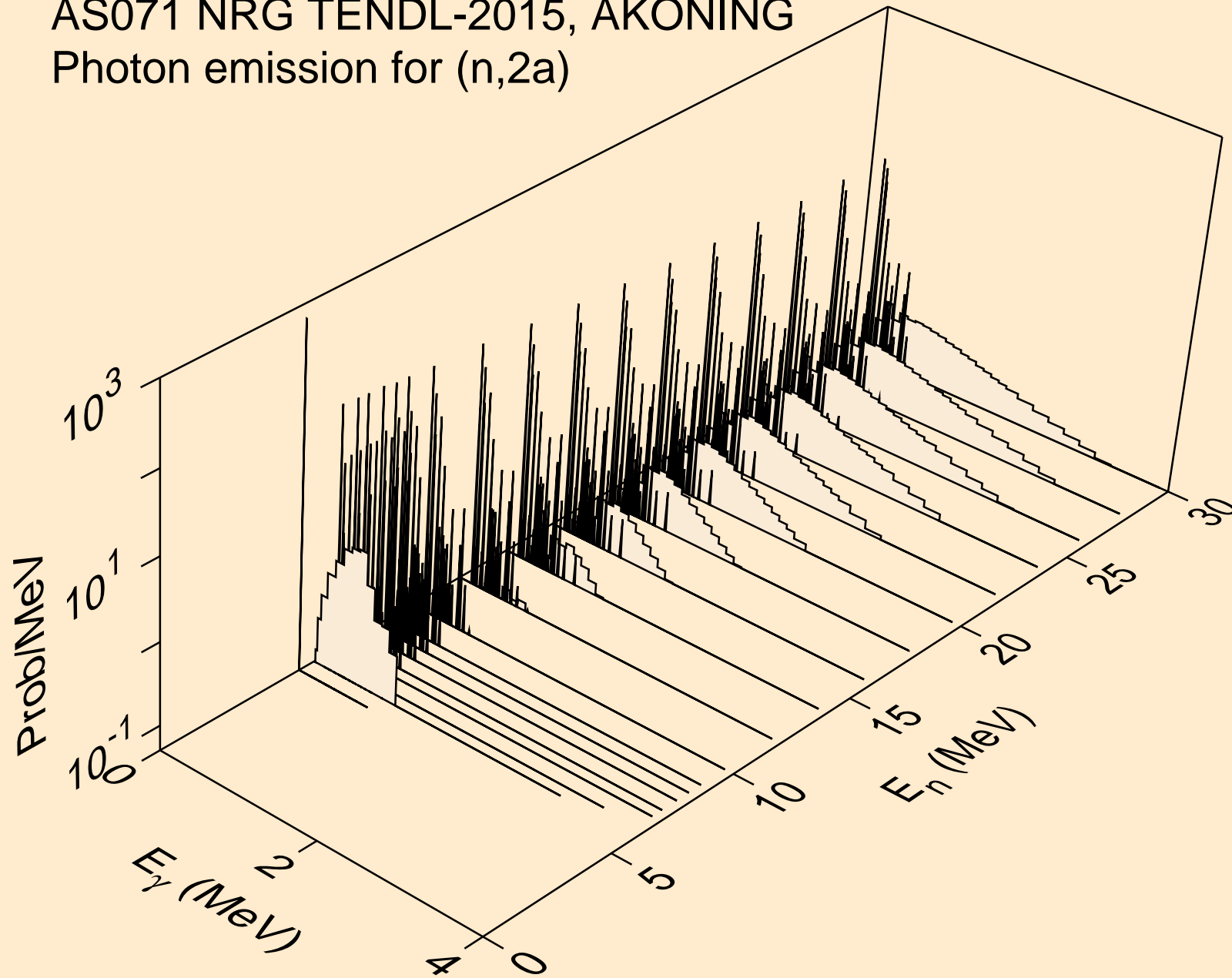
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



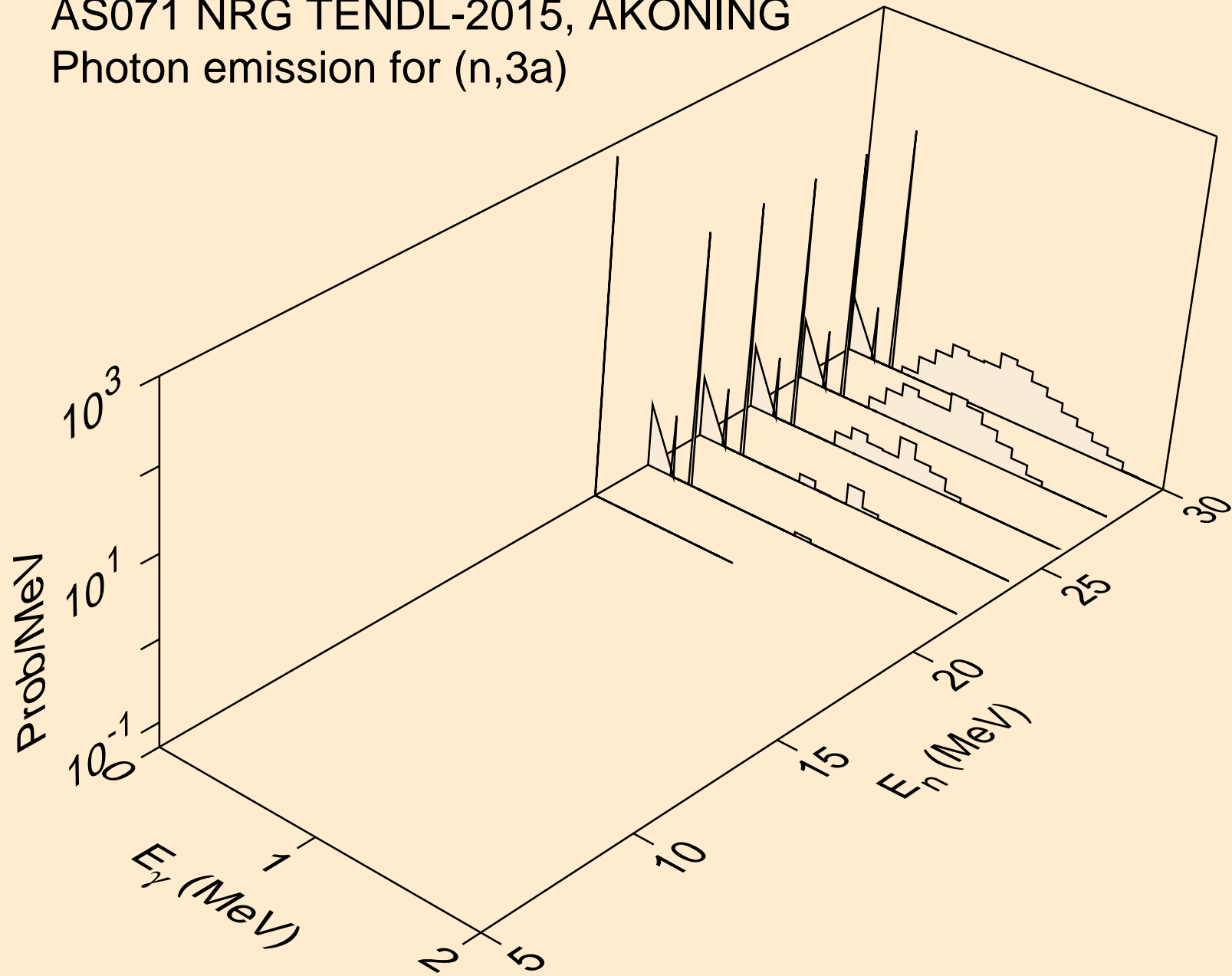
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Photon emission for (n,a)



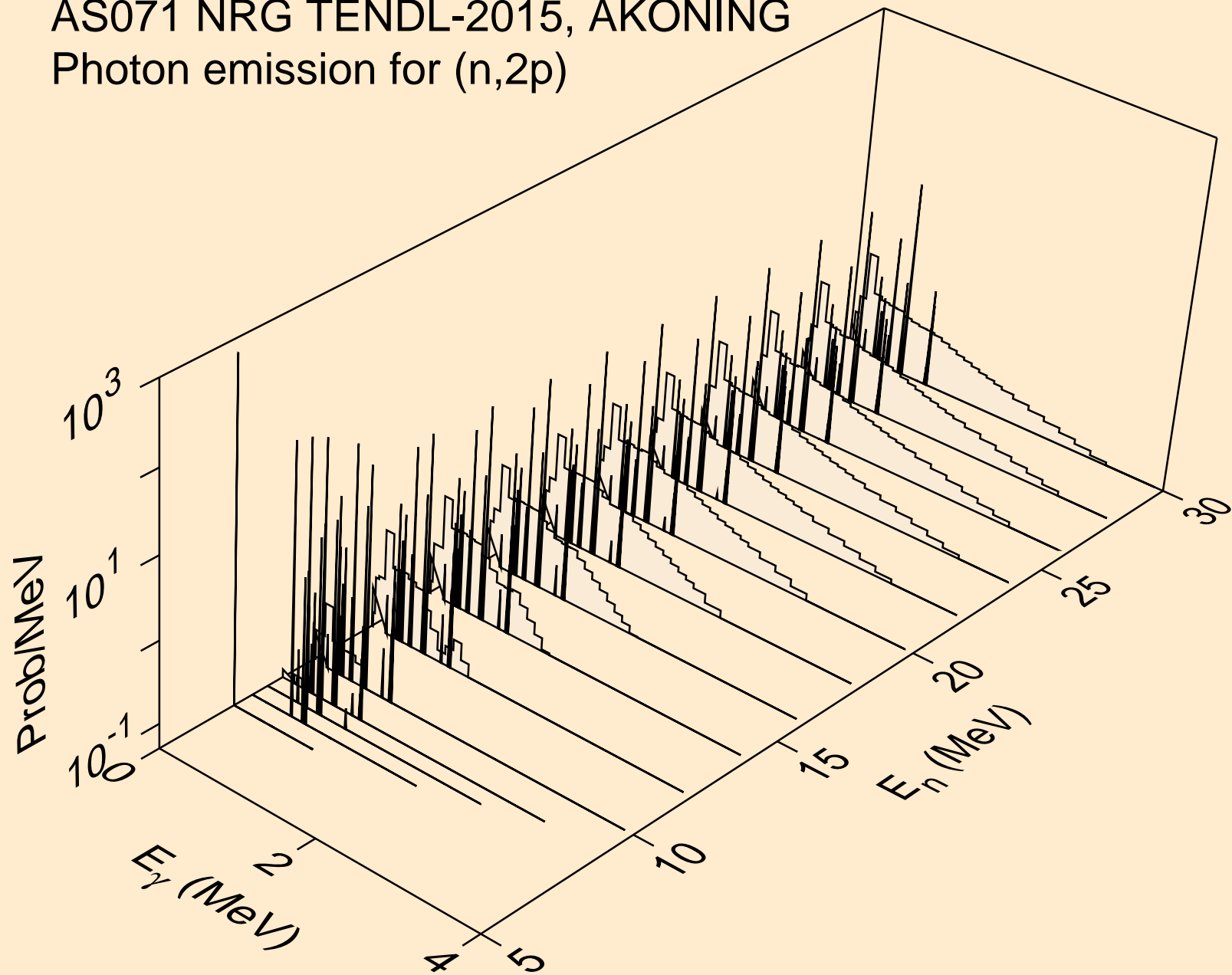
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



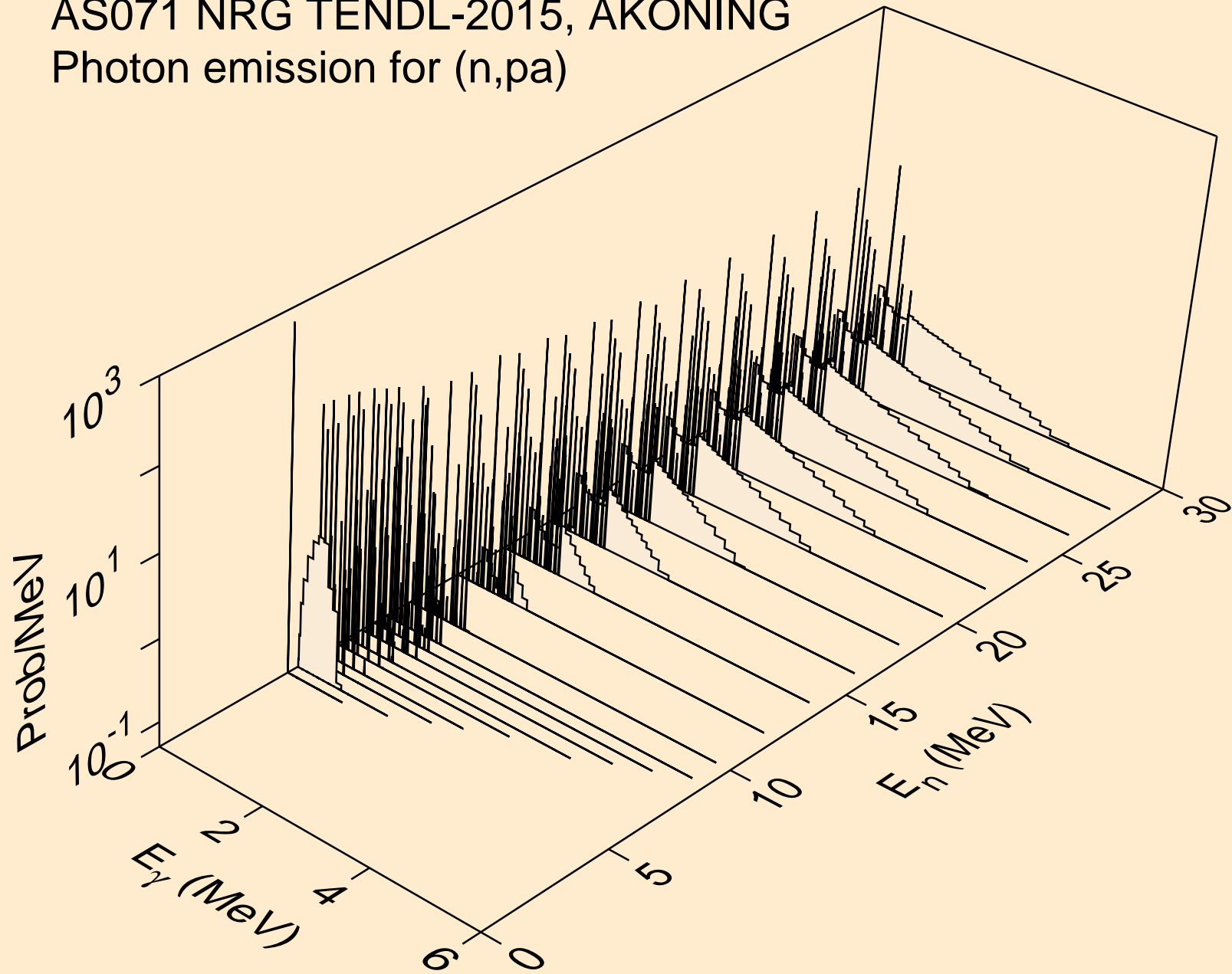
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



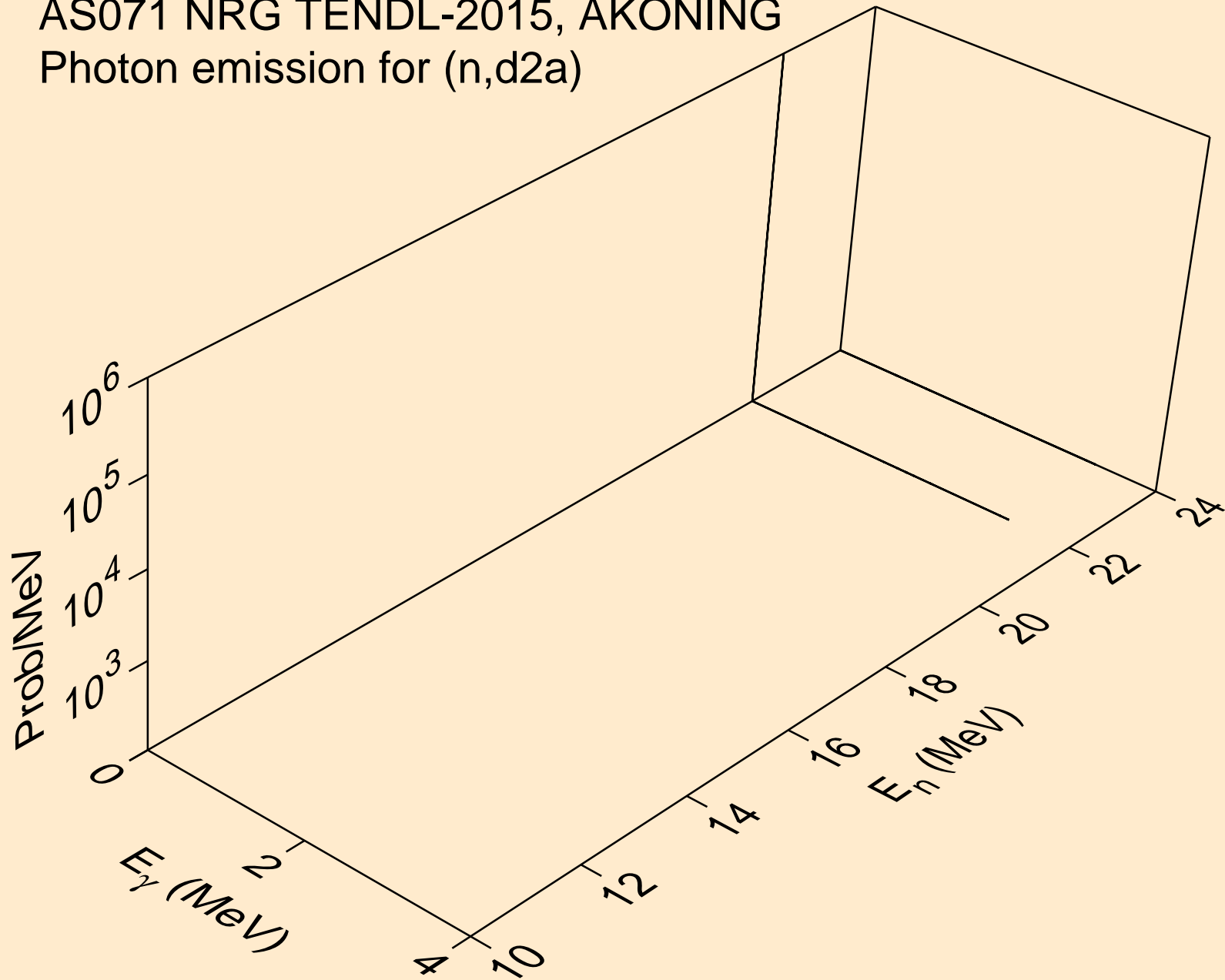
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Photon emission for (n,2p)



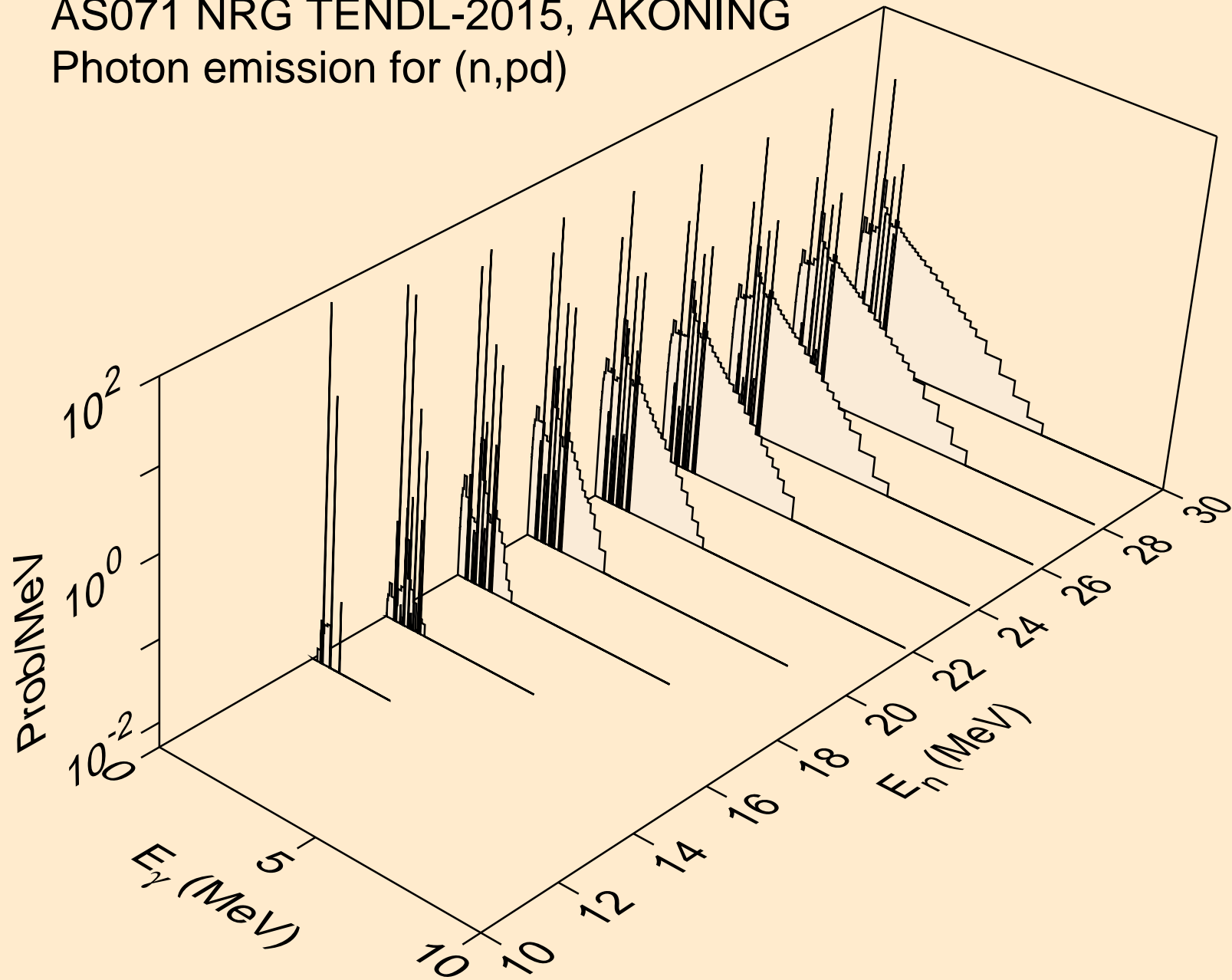
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

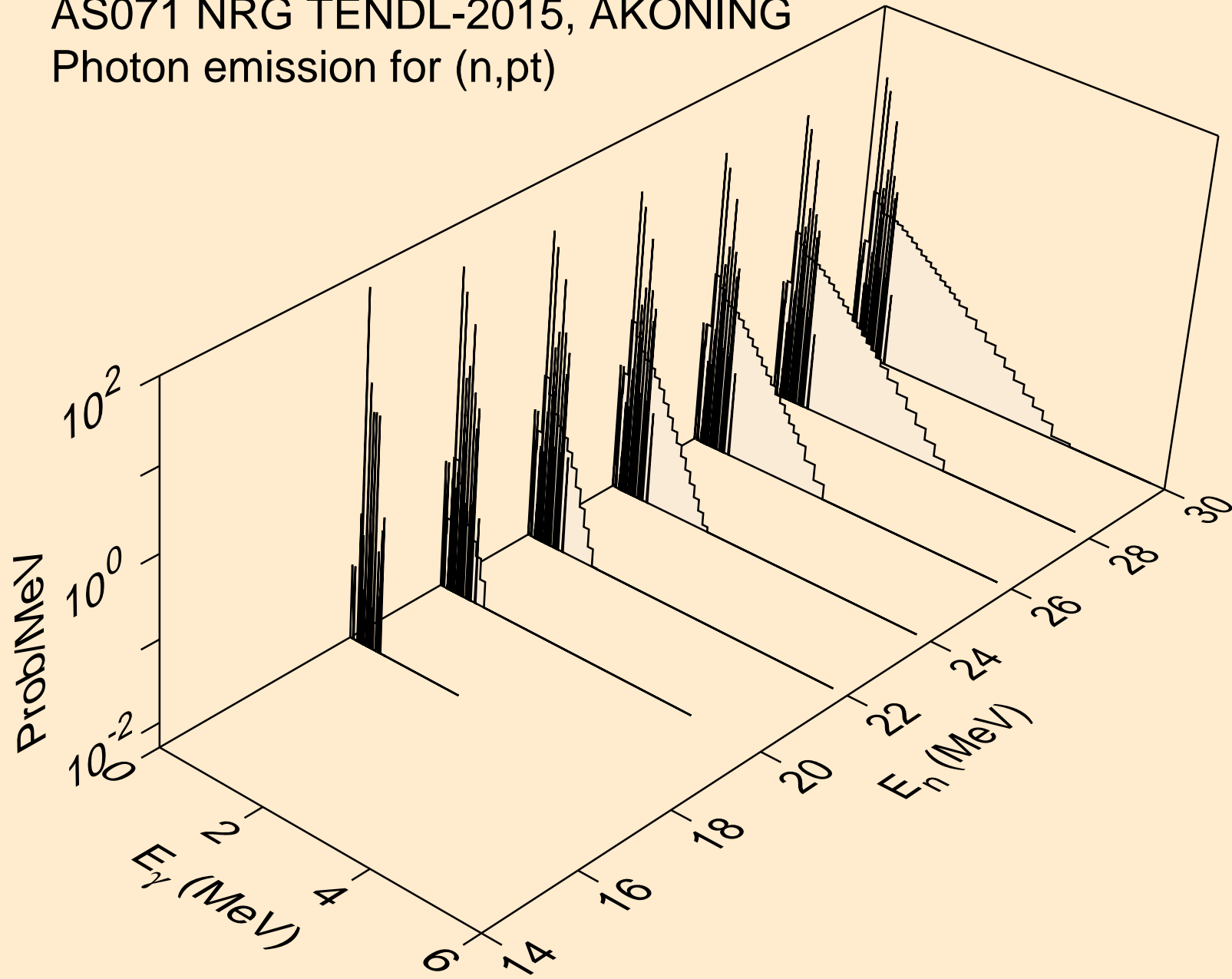


AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

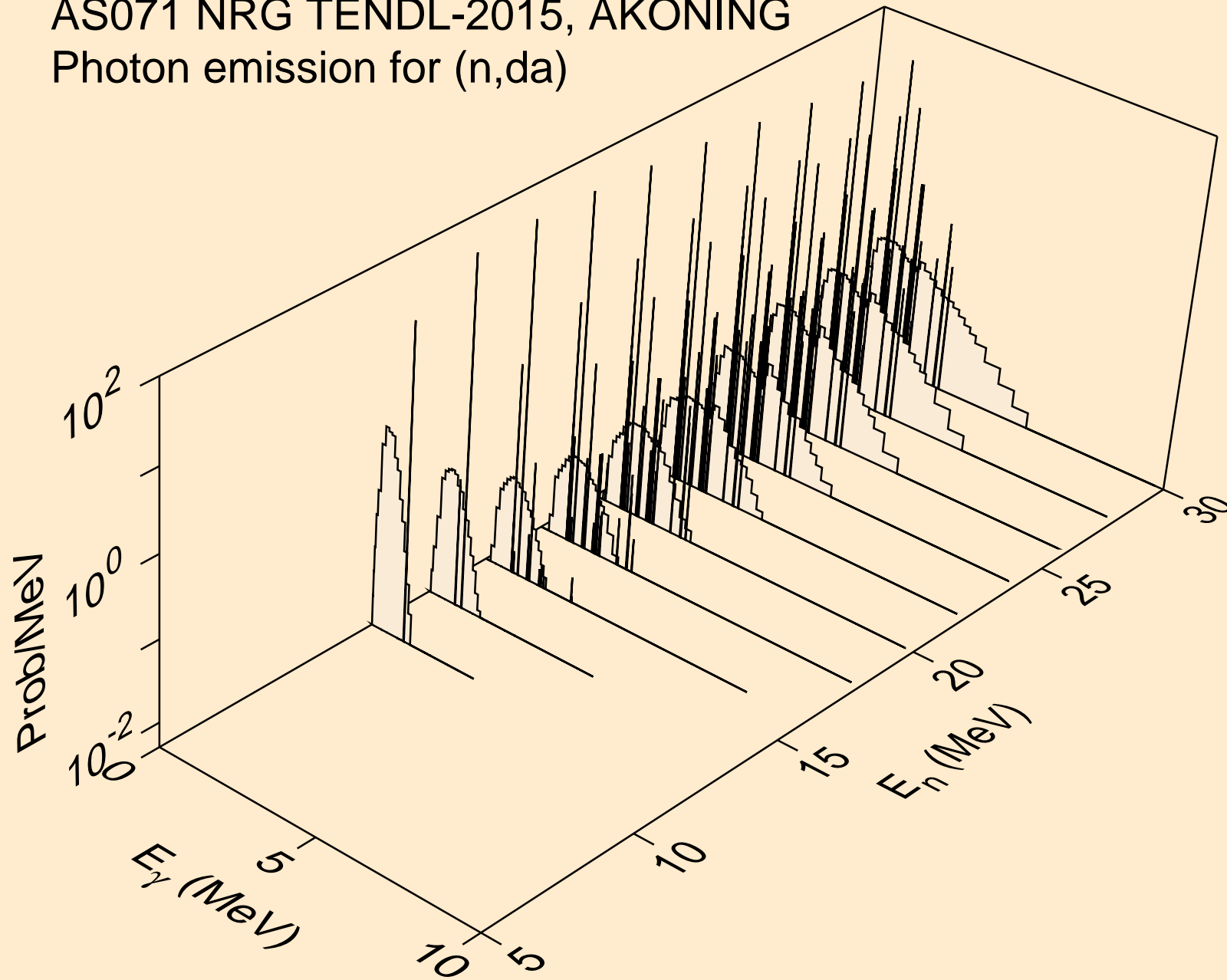




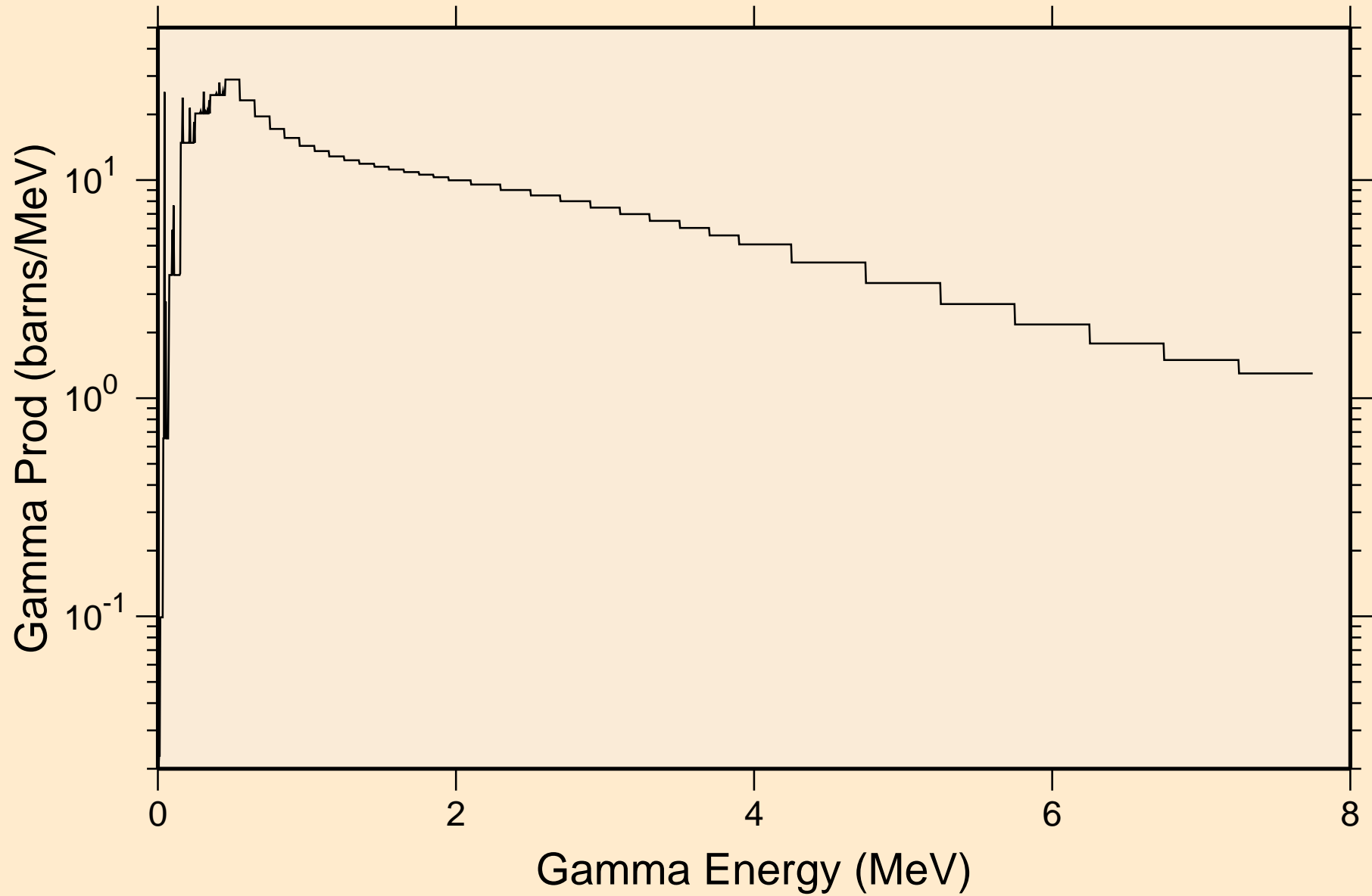
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



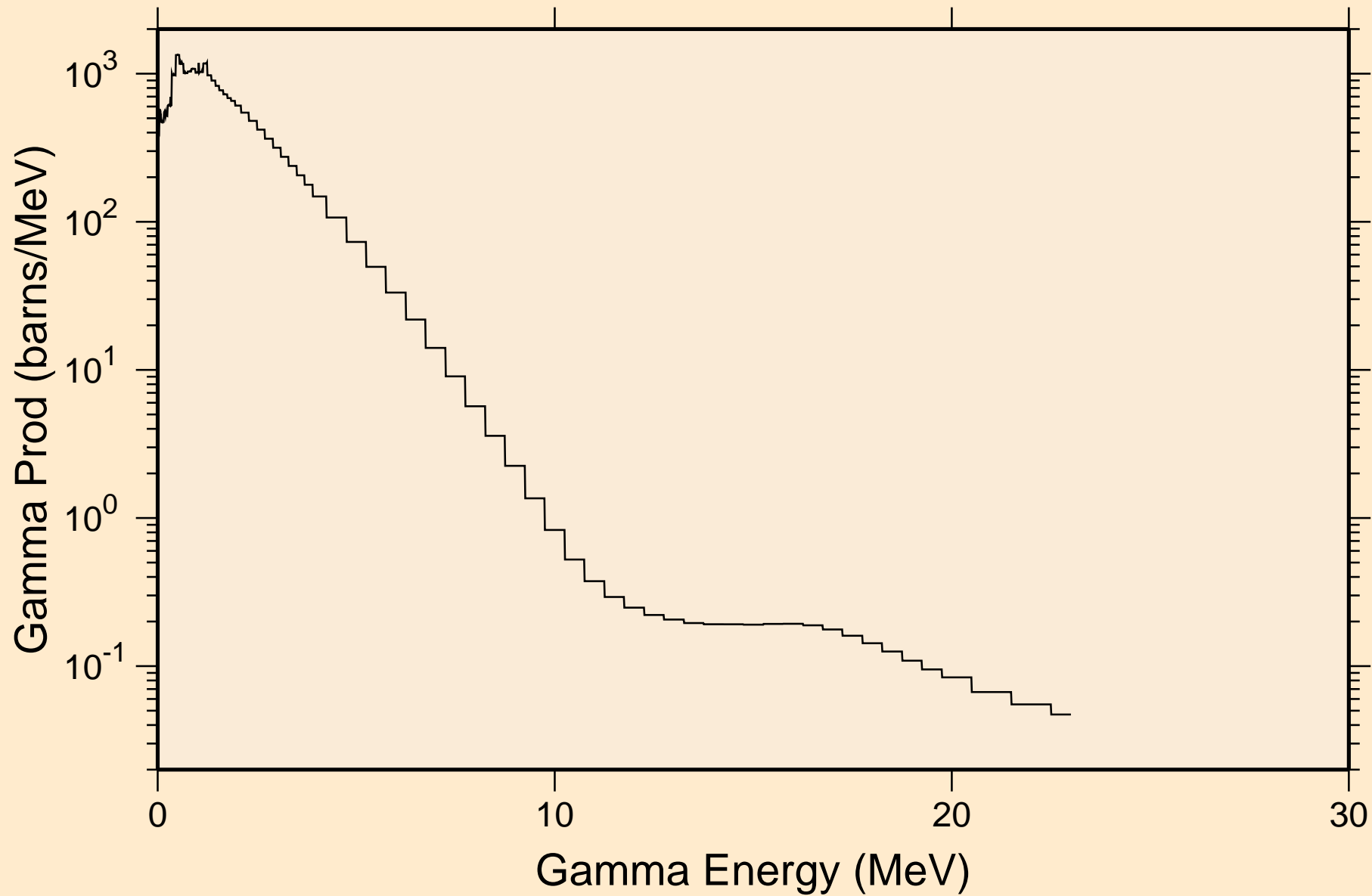
AS071 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AS071 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

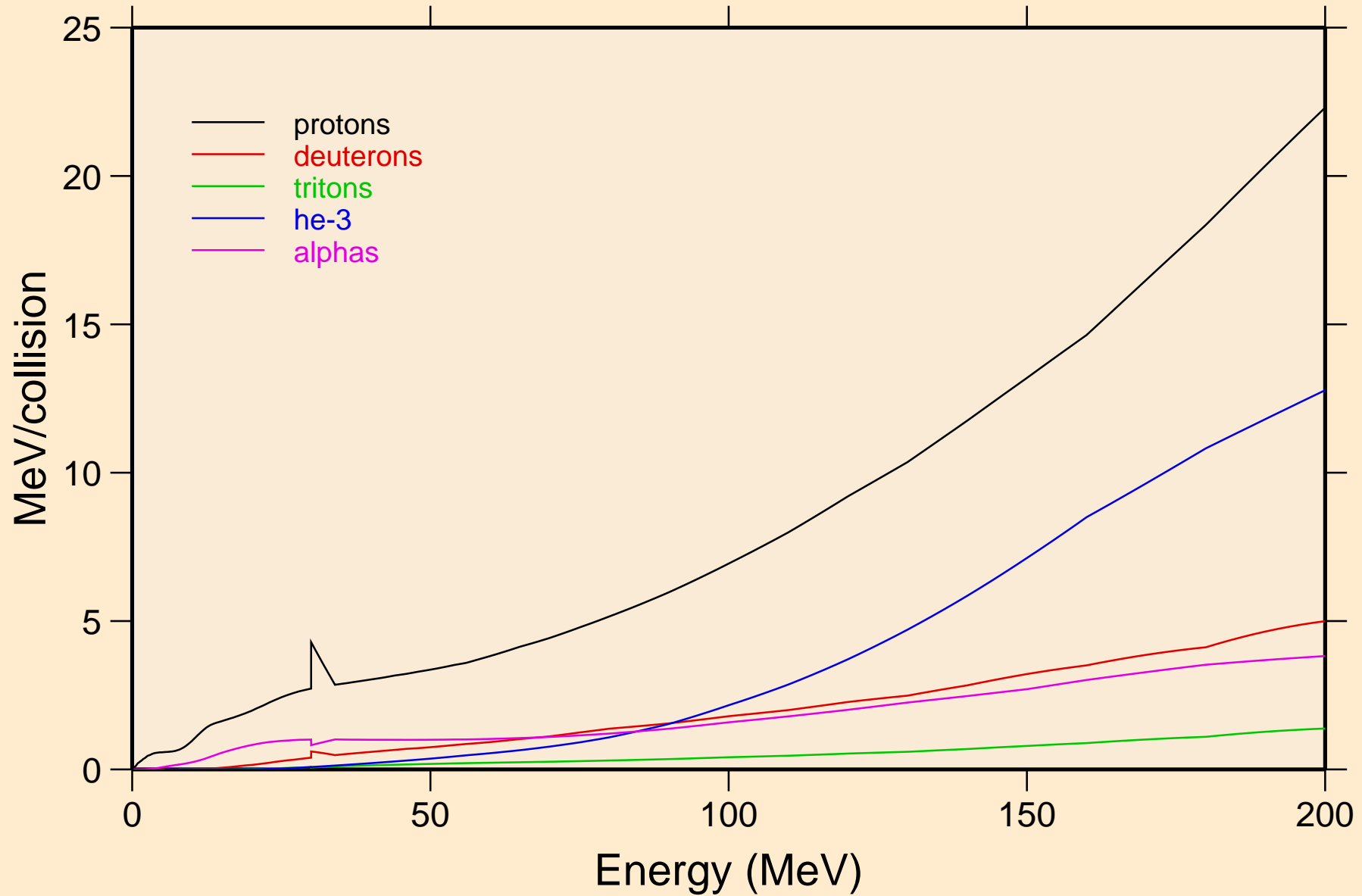


AS071 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



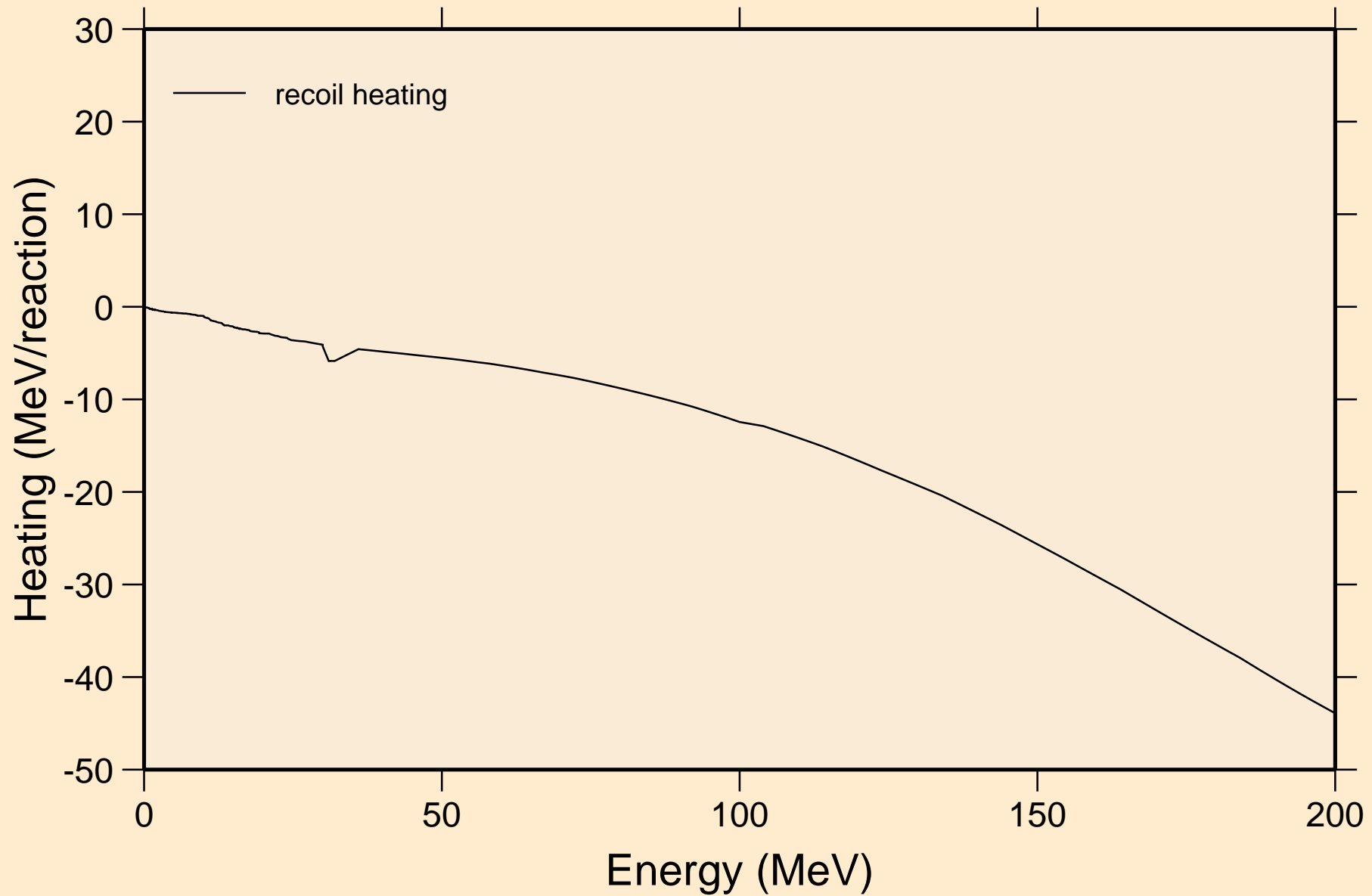
# AS071 NRG TENDL-2015, AKONING

## Particle heating contributions



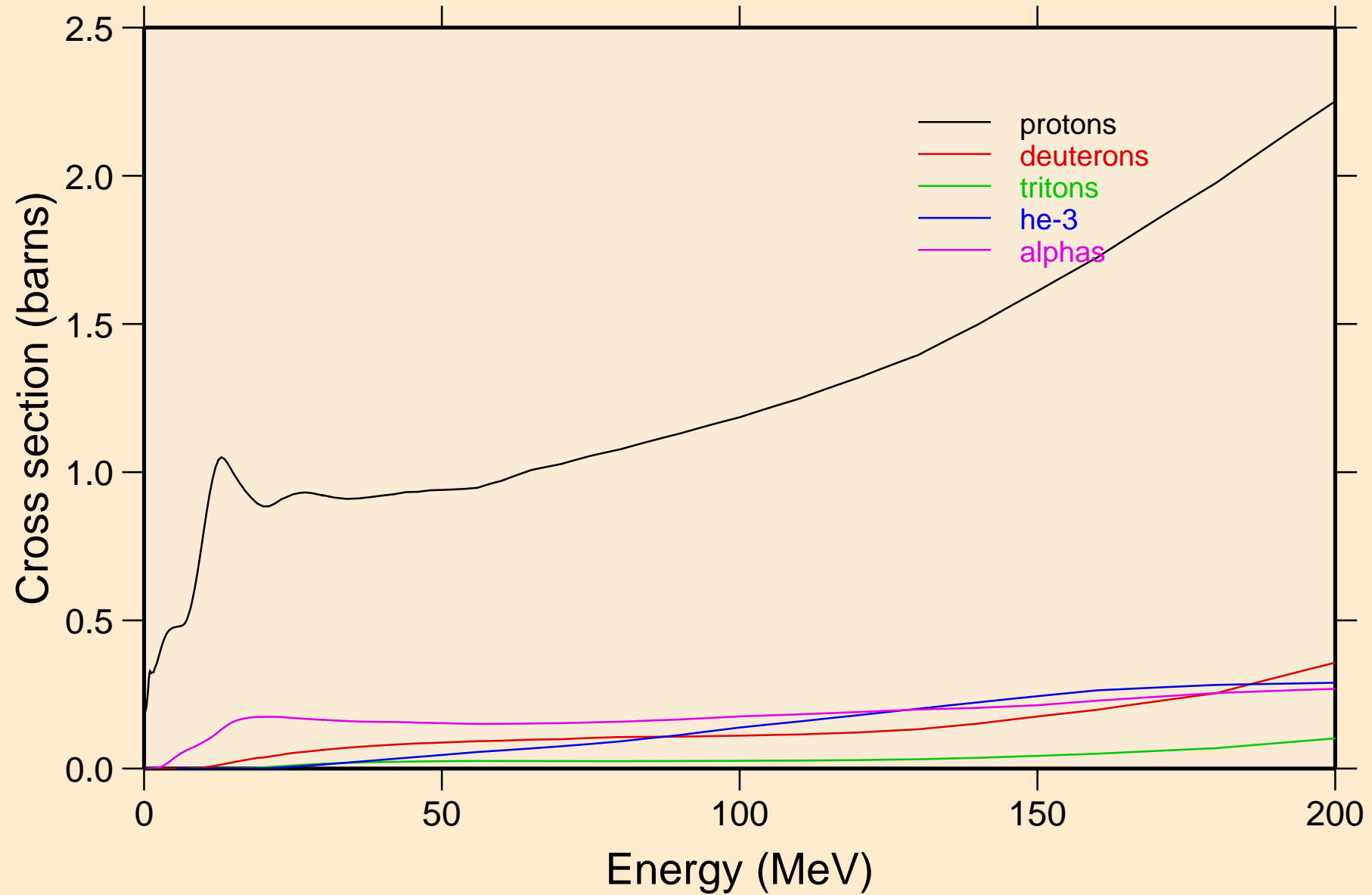
# AS071 NRG TENDL-2015, AKONING

## Recoil Heating

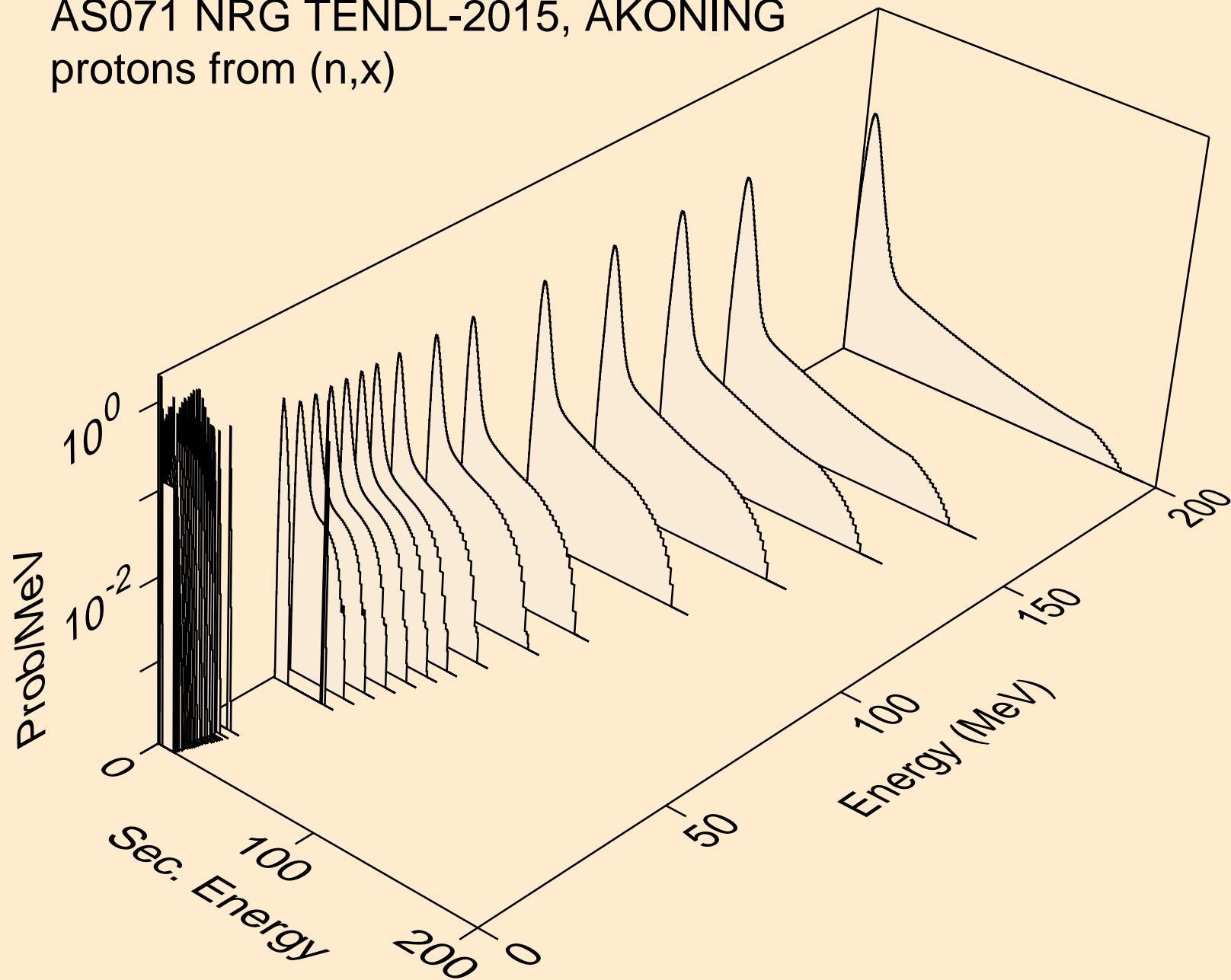


# AS071 NRG TENDL-2015, AKONING

## Particle production cross sections

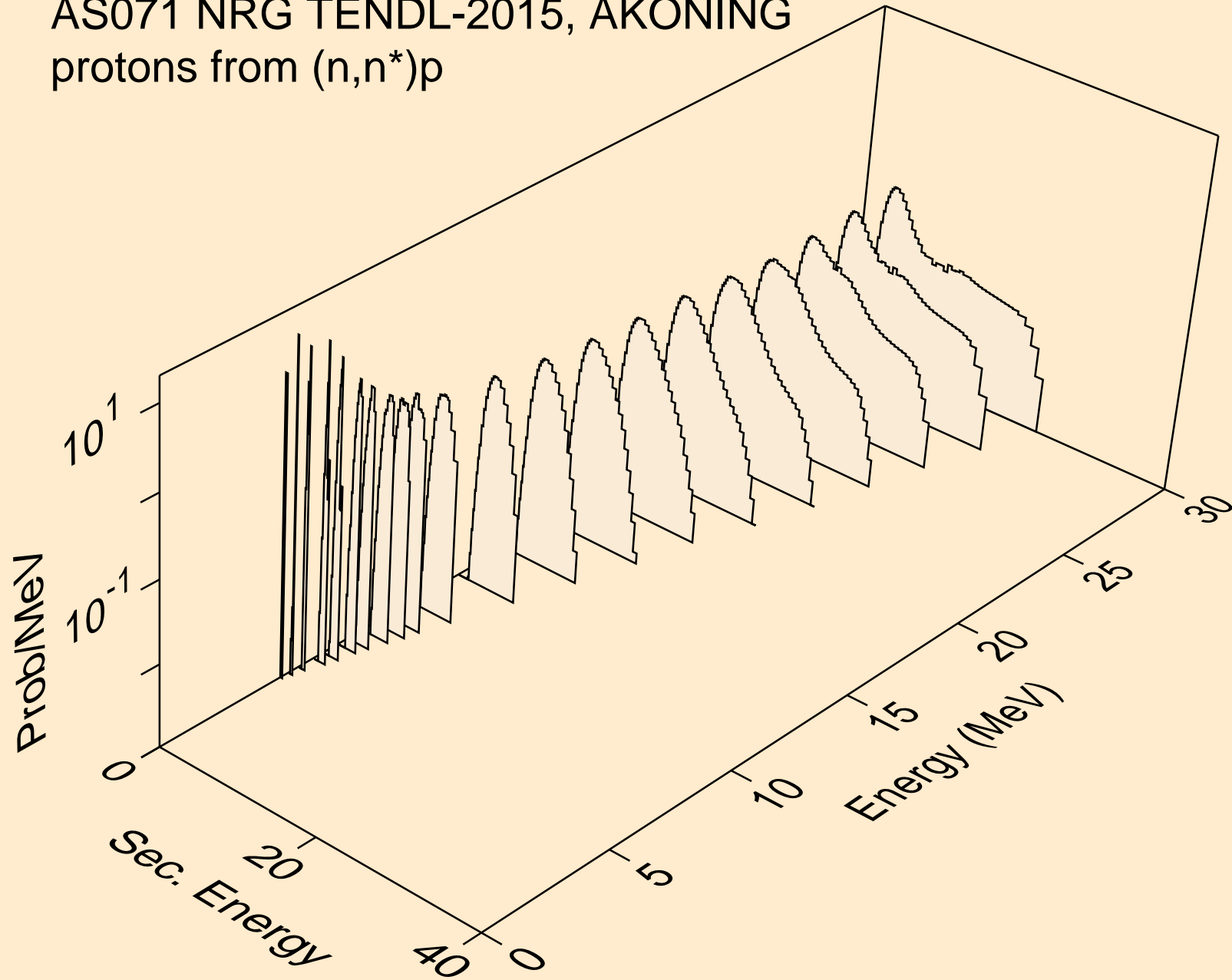


AS071 NRG TENDL-2015, AKONING  
protons from (n,x)

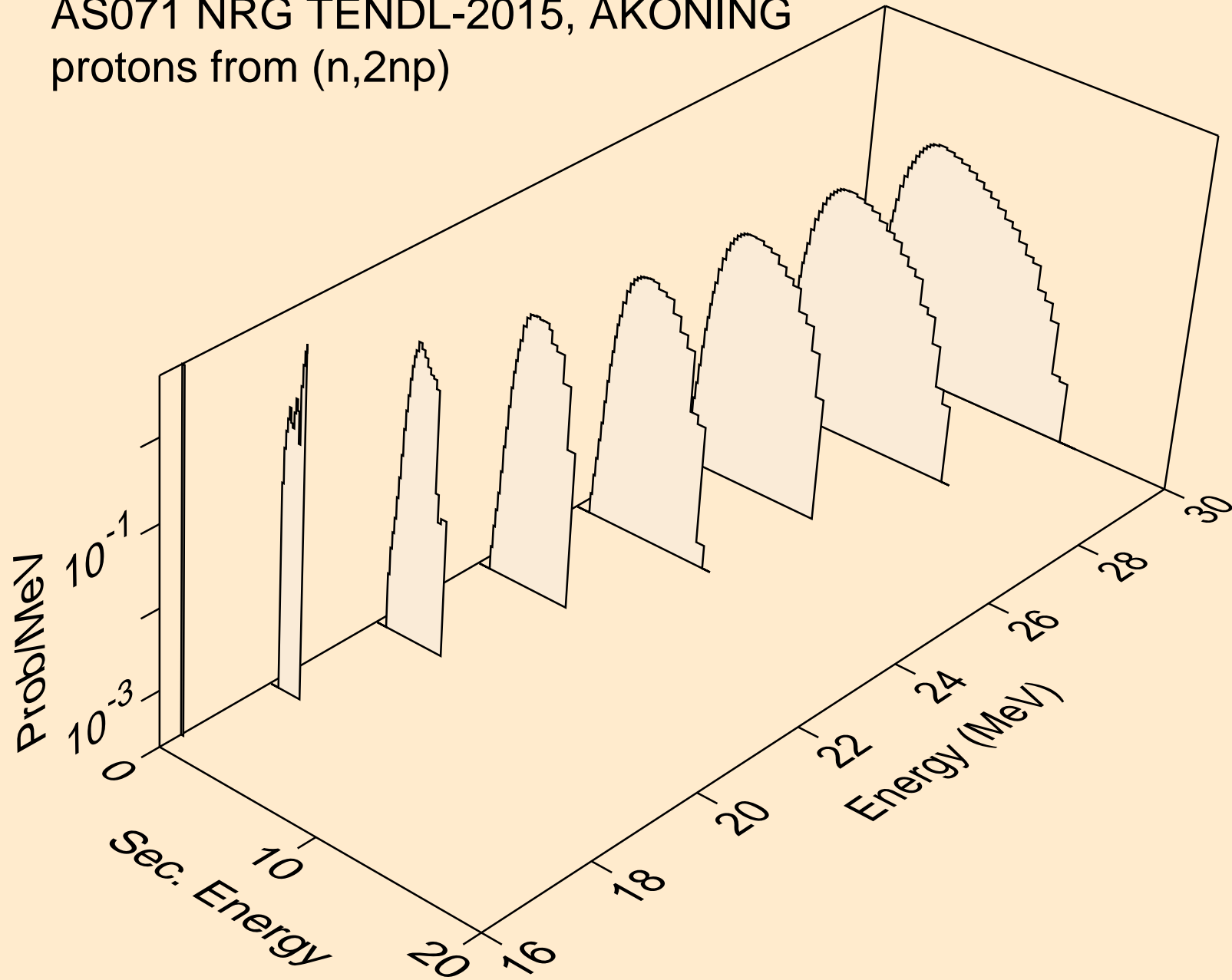




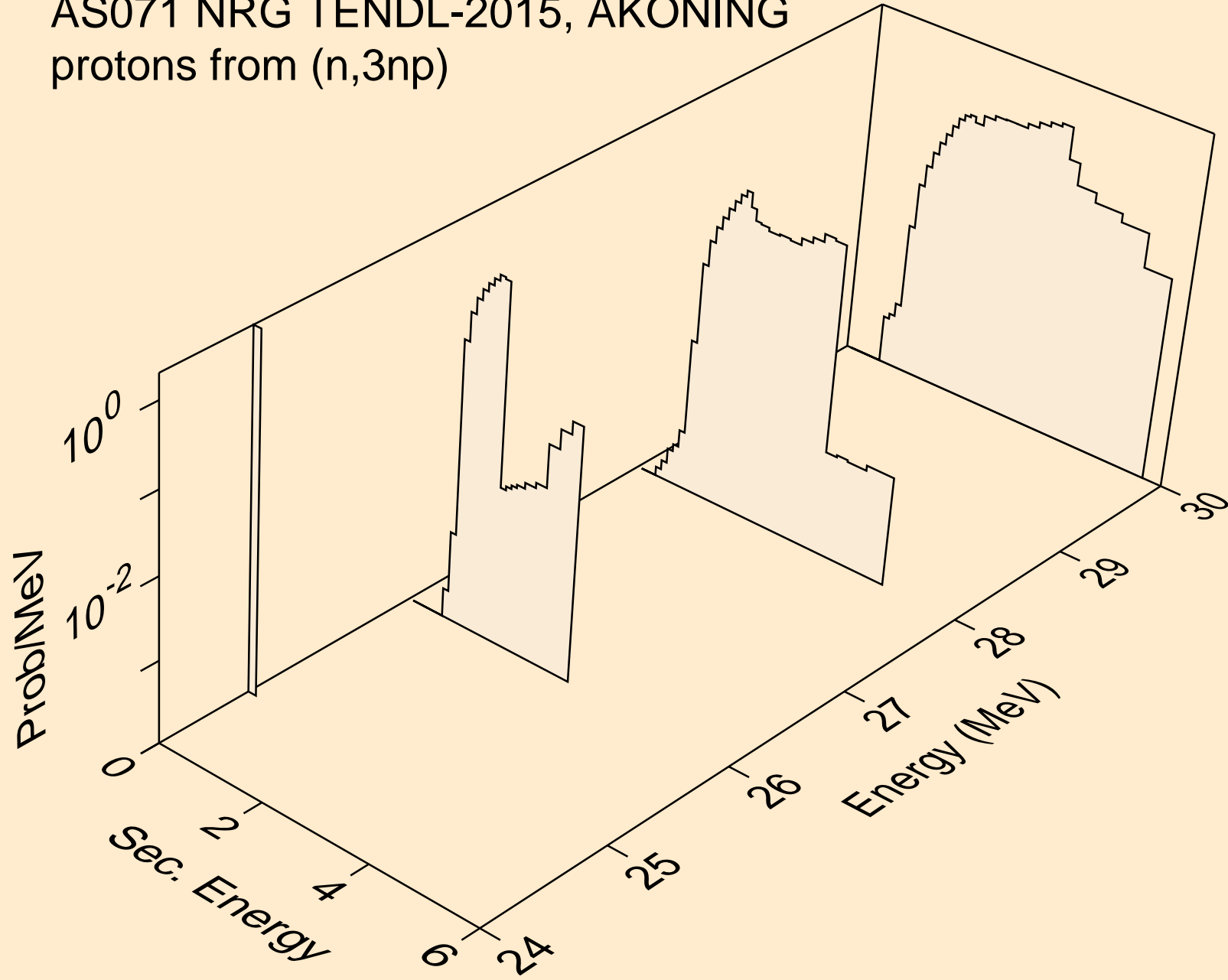
AS071 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



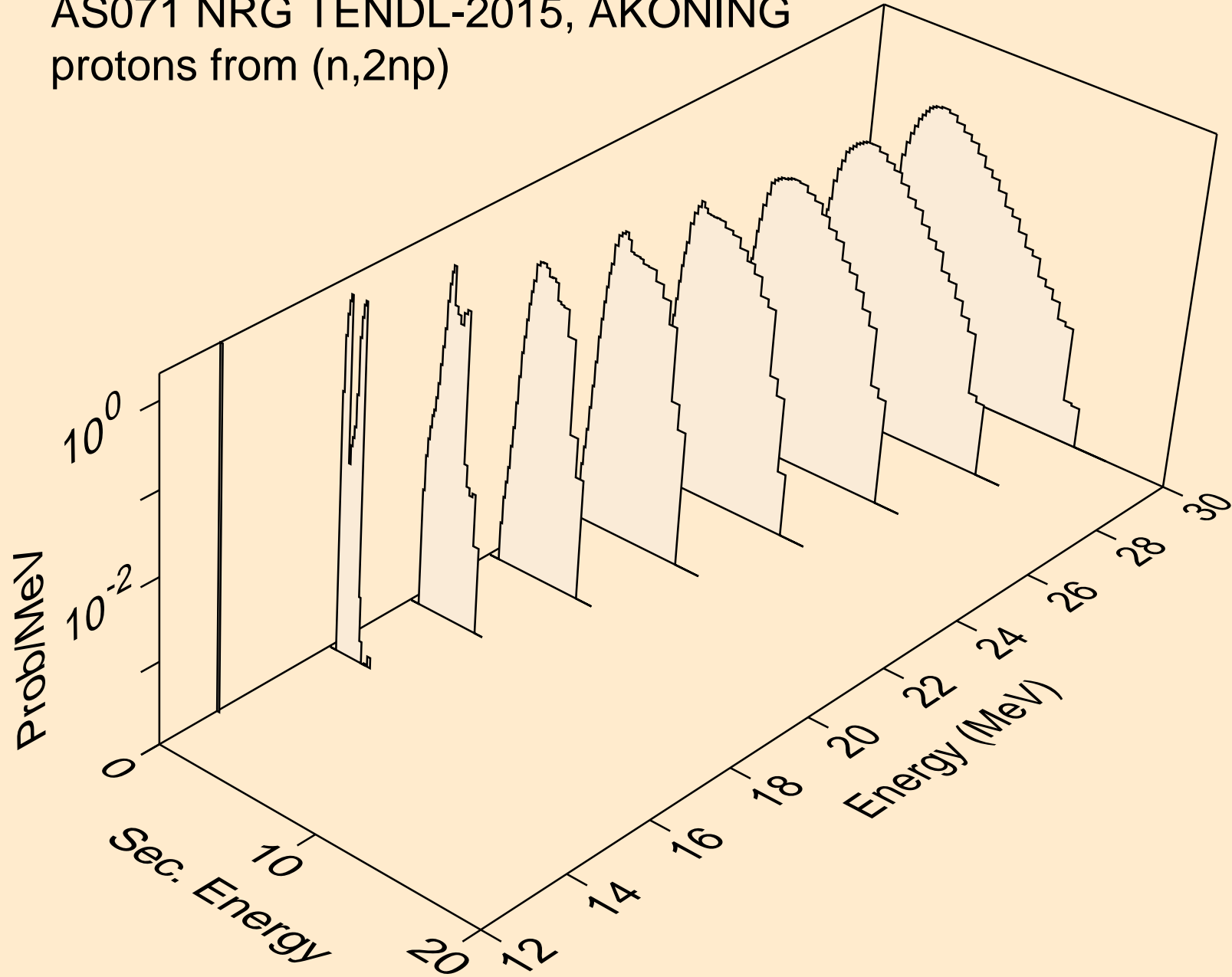
AS071 NRG TENDL-2015, AKONING  
protons from (n,2np)



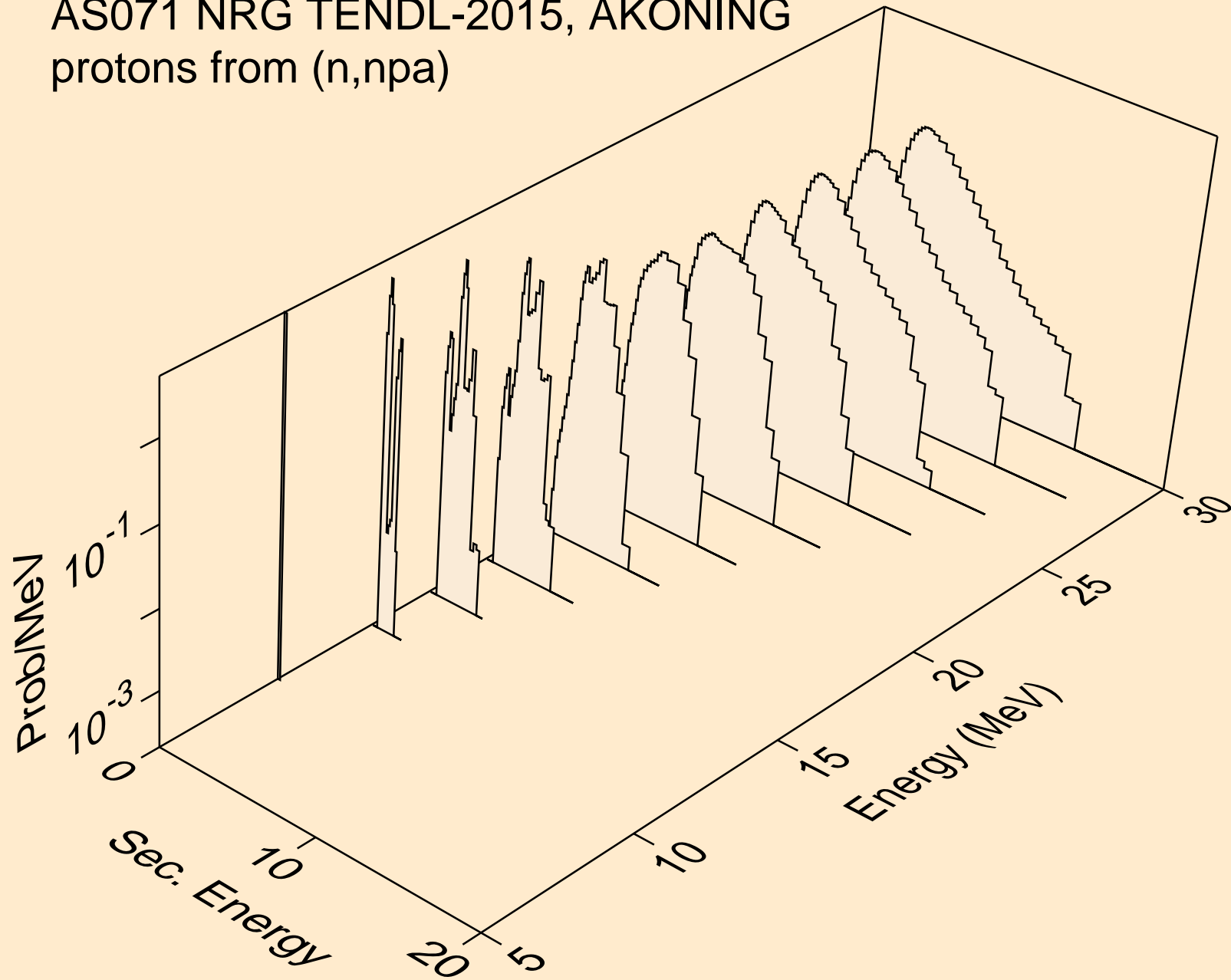
AS071 NRG TENDL-2015, AKONING  
protons from (n,3np)



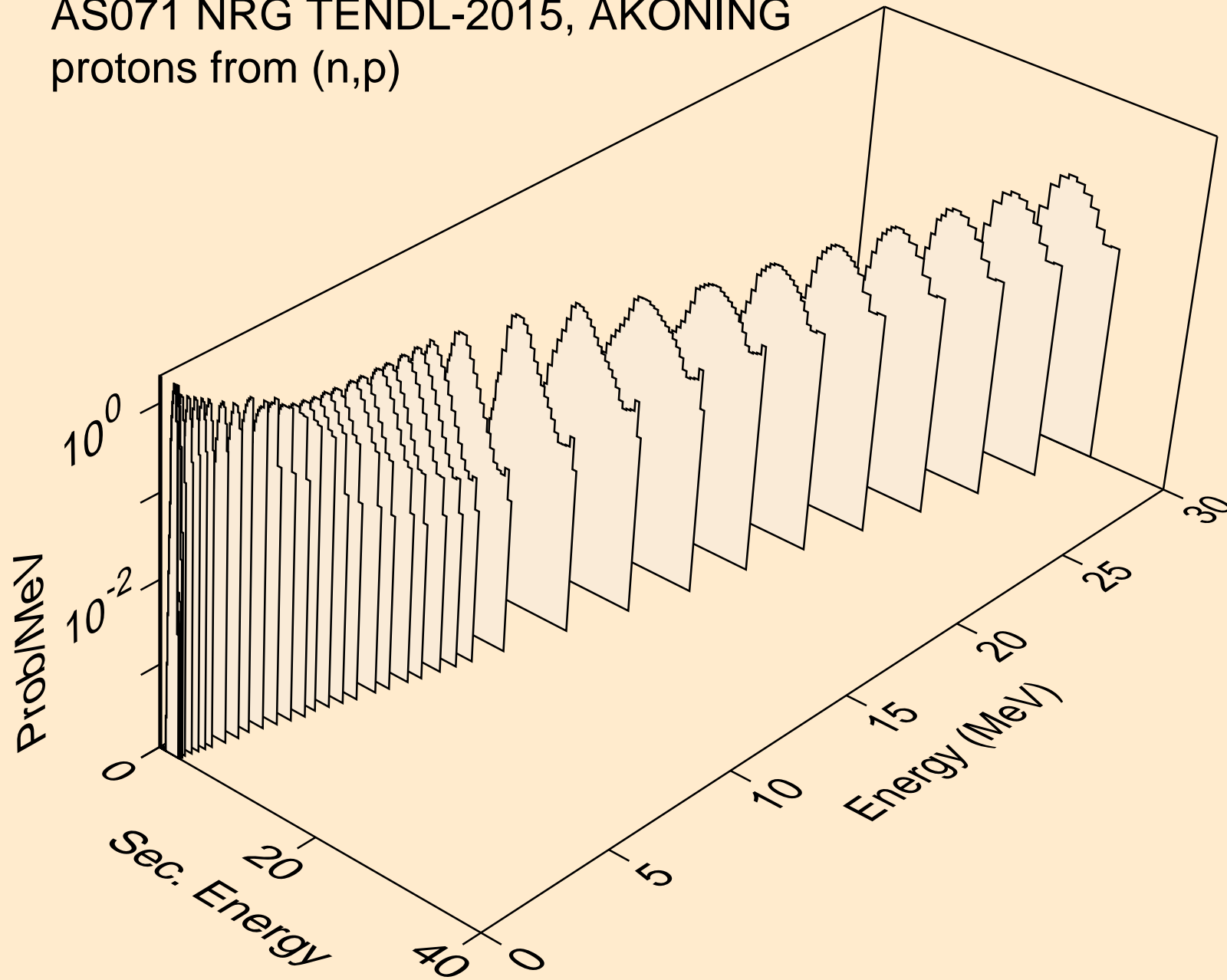
AS071 NRG TENDL-2015, AKONING  
protons from (n,2np)



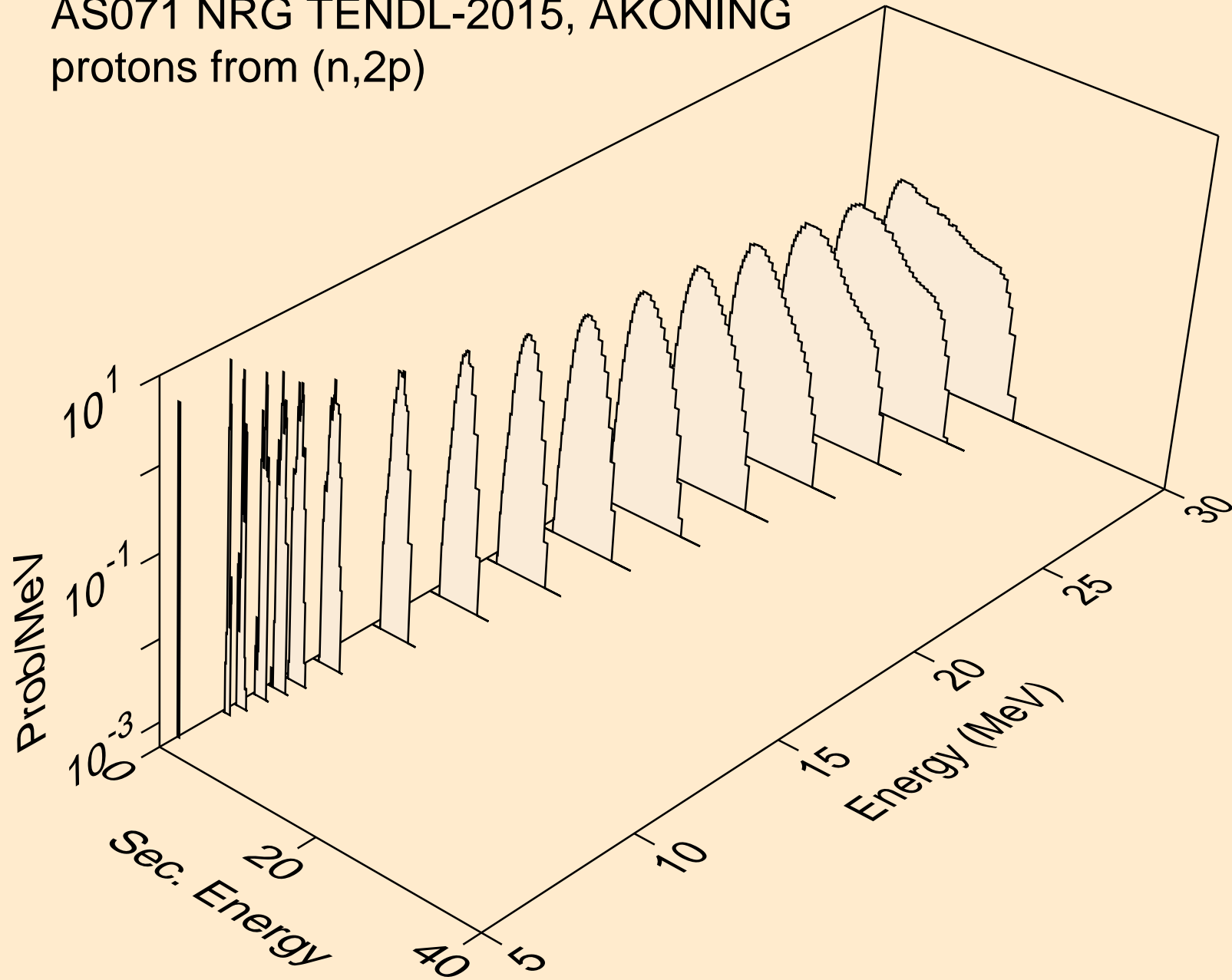
AS071 NRG TENDL-2015, AKONING  
protons from (n,npa)



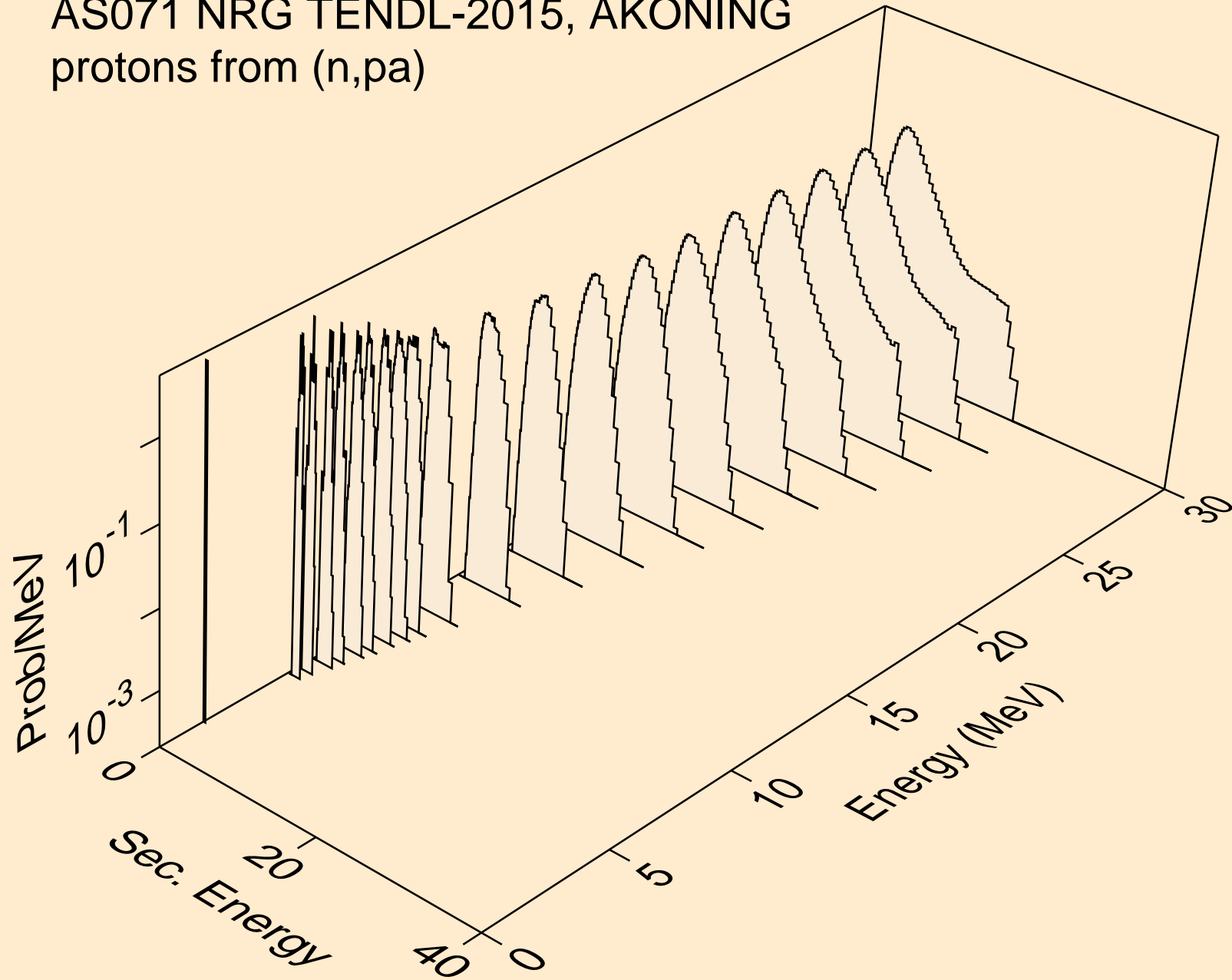
AS071 NRG TENDL-2015, AKONING  
protons from (n,p)



AS071 NRG TENDL-2015, AKONING  
protons from (n,2p)

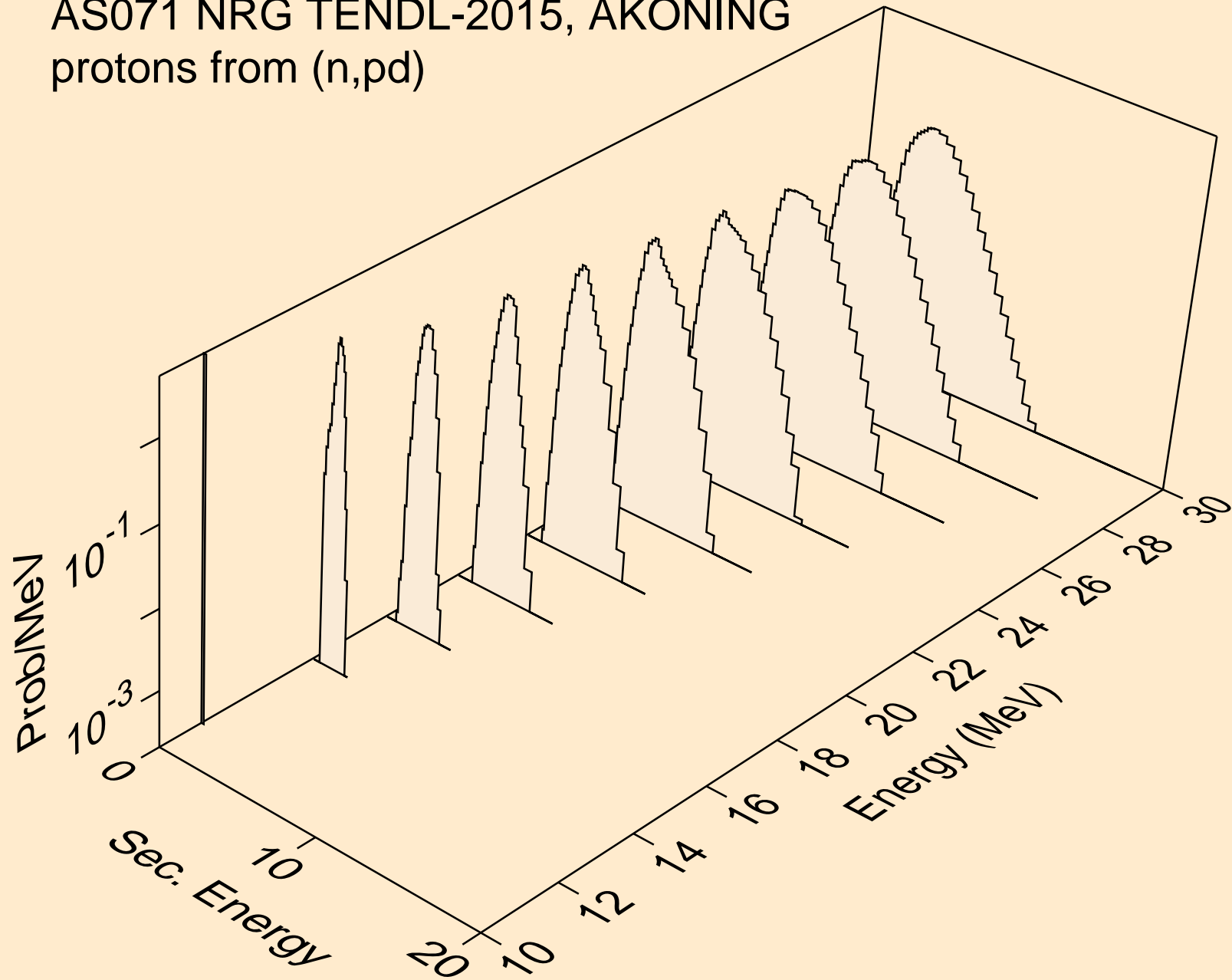


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protons from (n,pa)

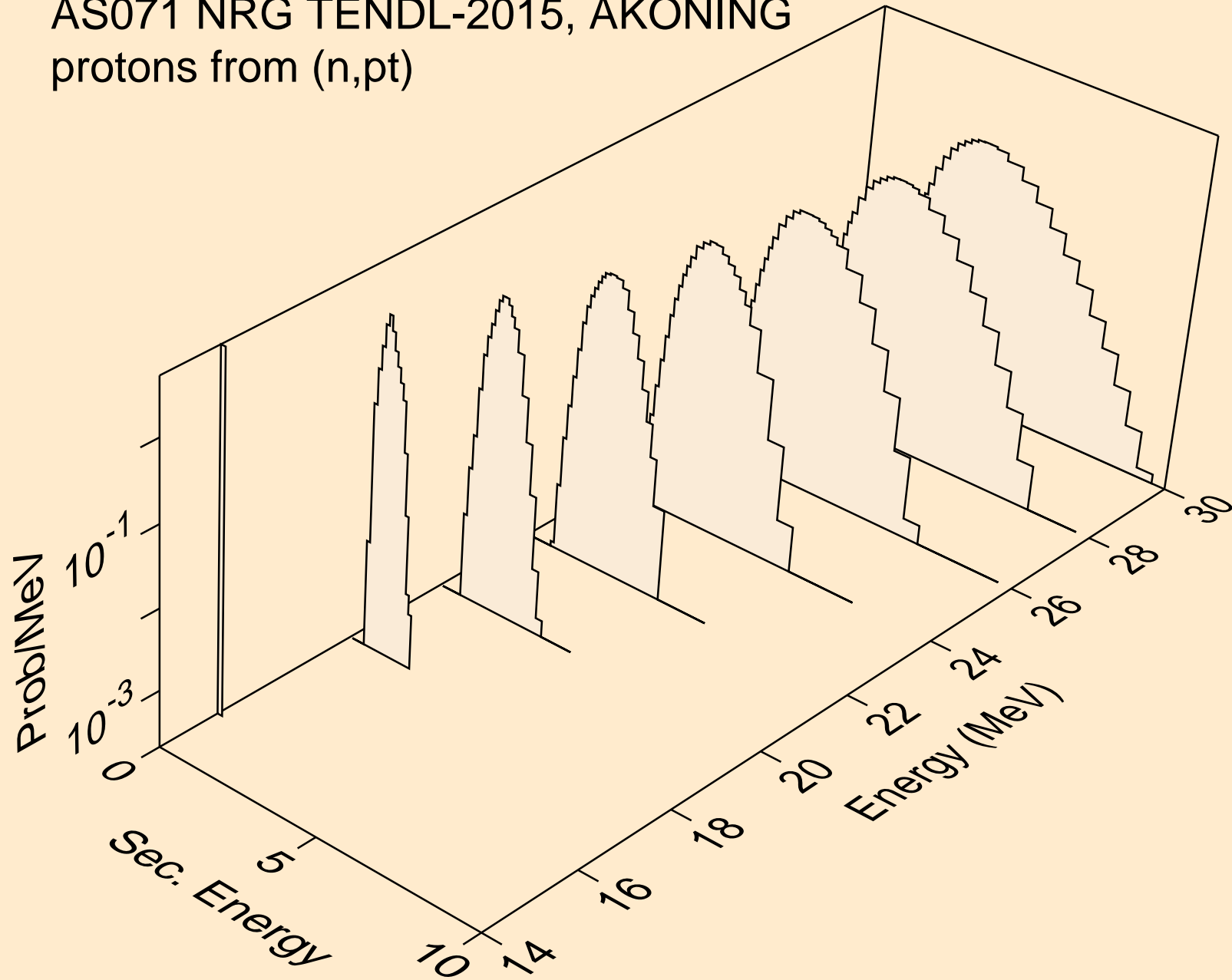




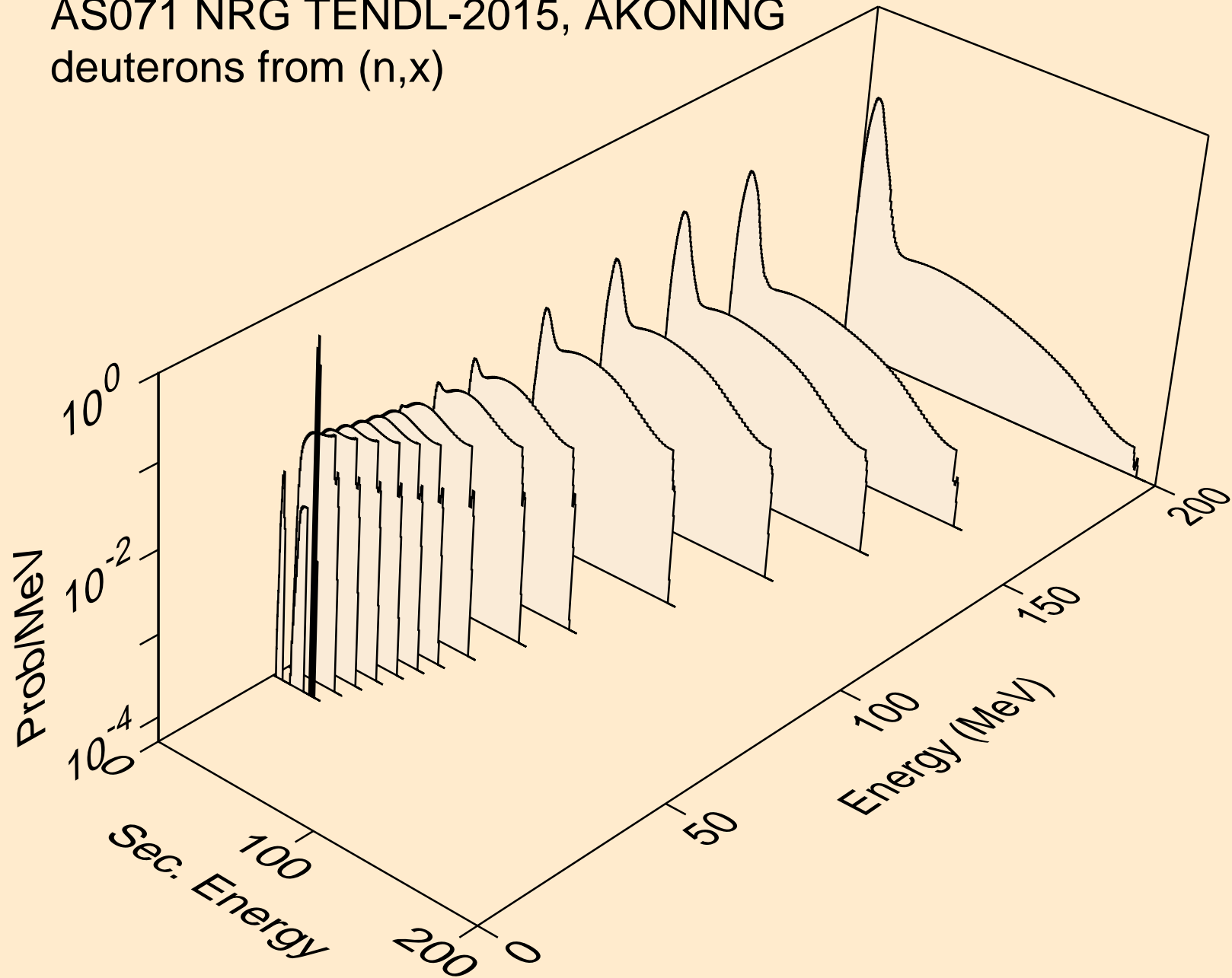
AS071 NRG TENDL-2015, AKONING  
protons from (n,pd)



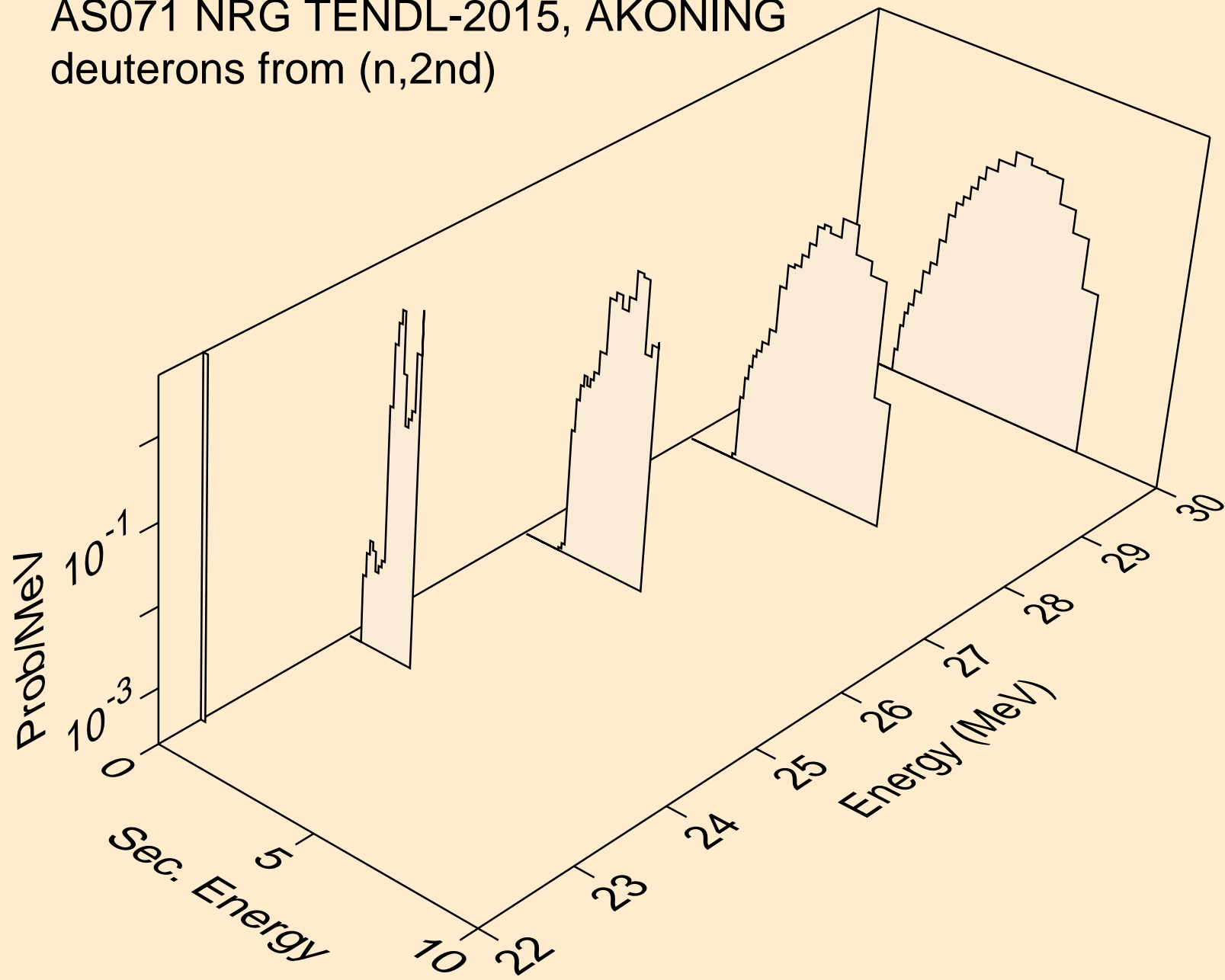
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protons from (n,pt)



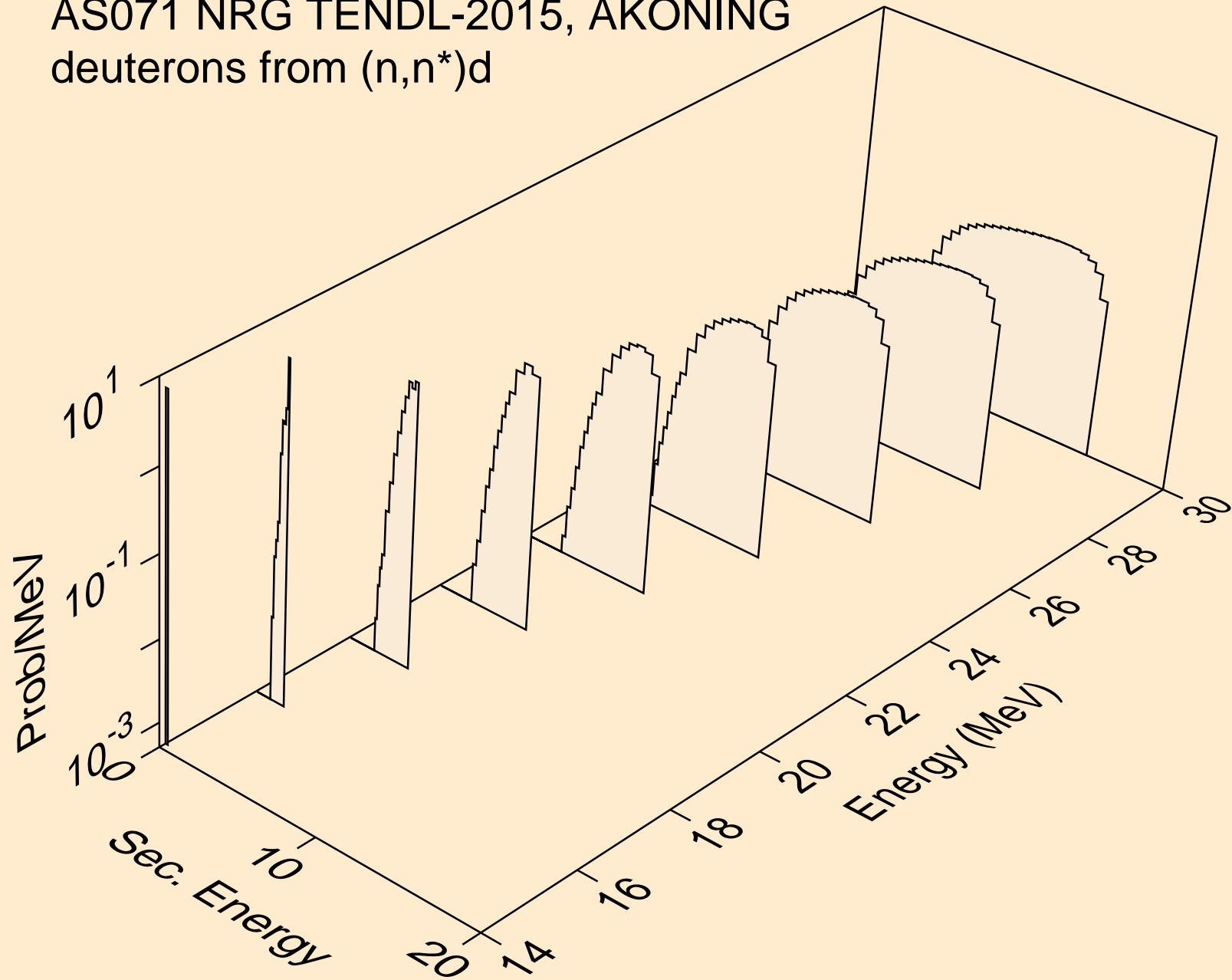
AS071 NRG TENDL-2015, AKONING  
deuterons from (n,x)



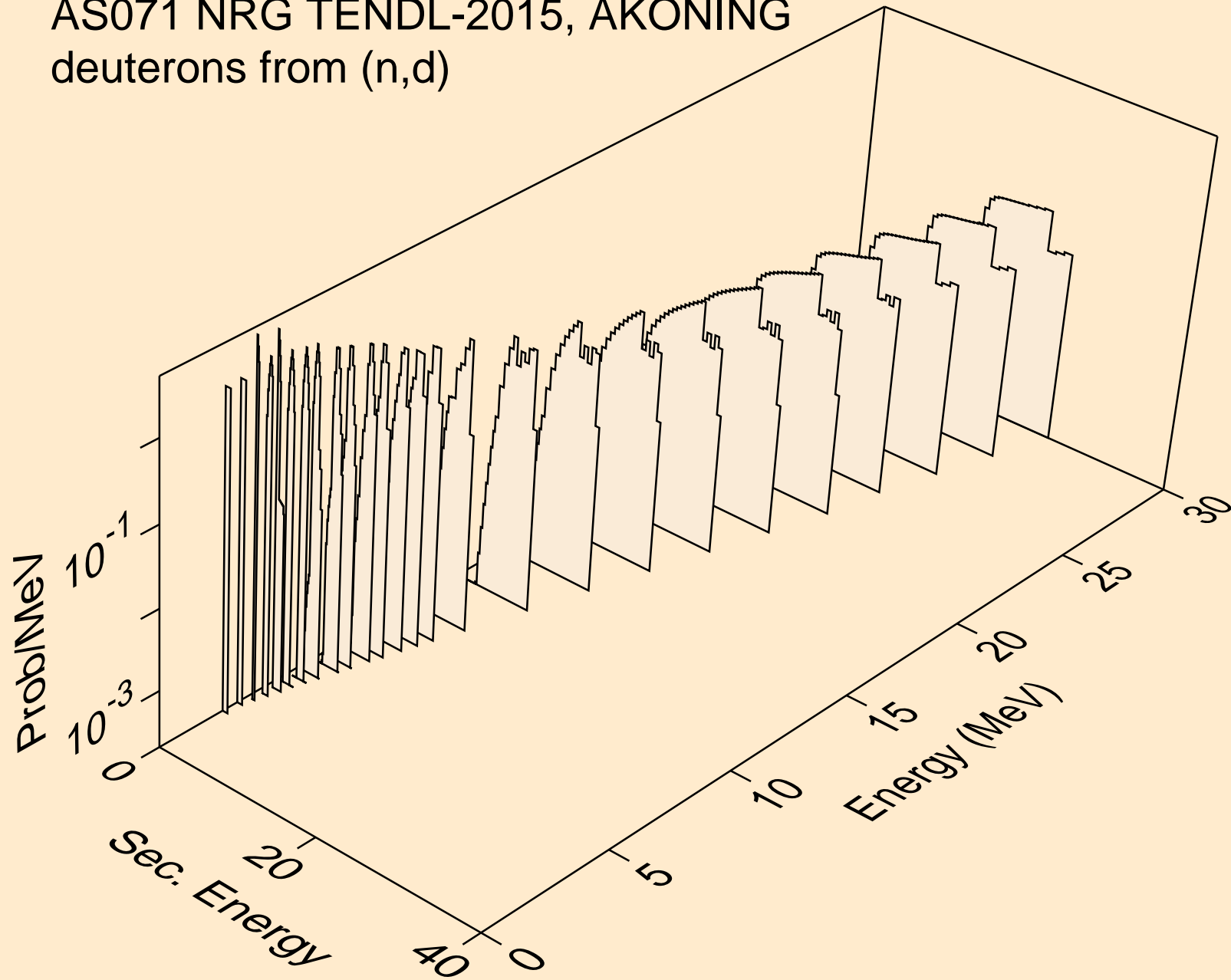
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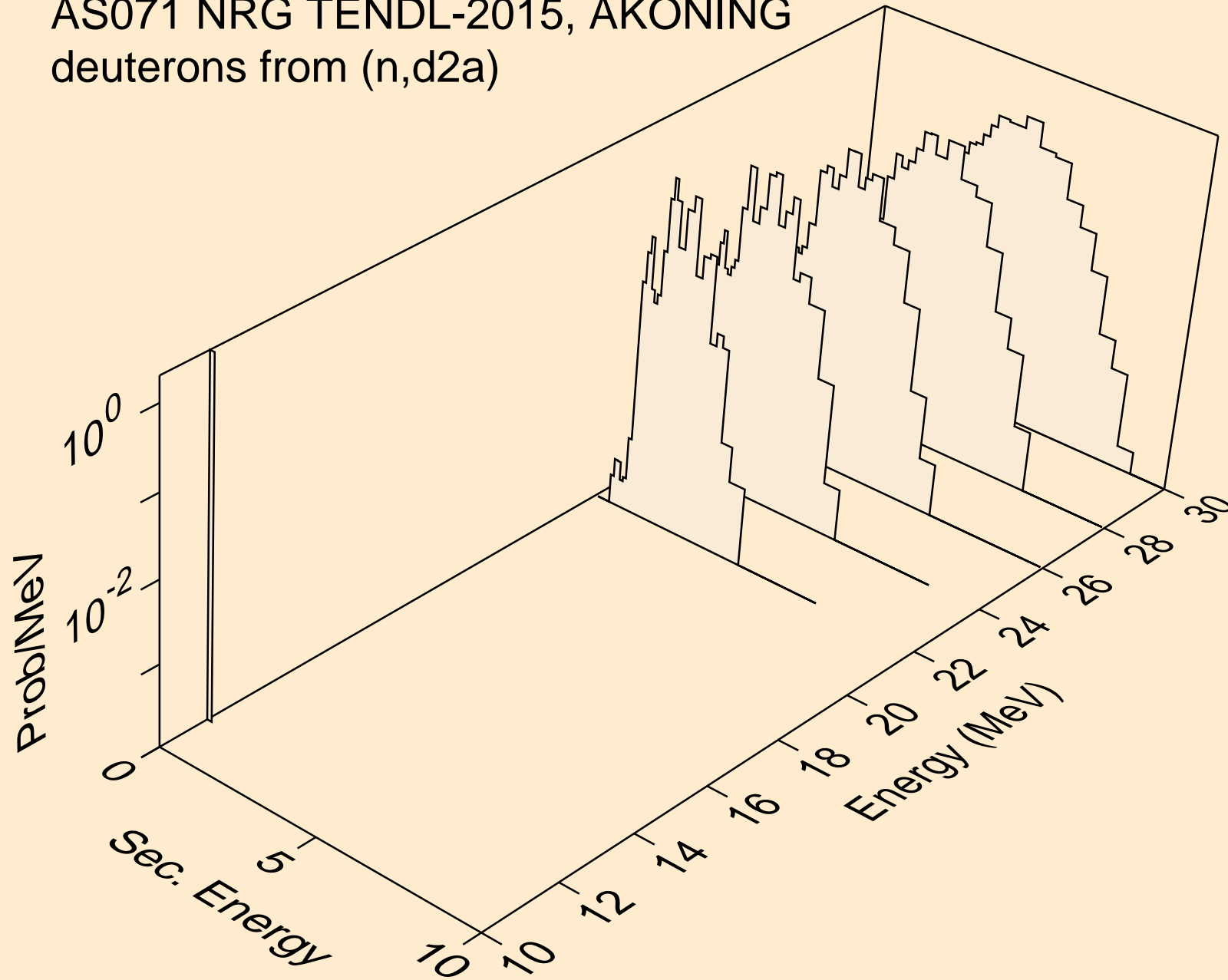
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deuterons from (n,n\*)d



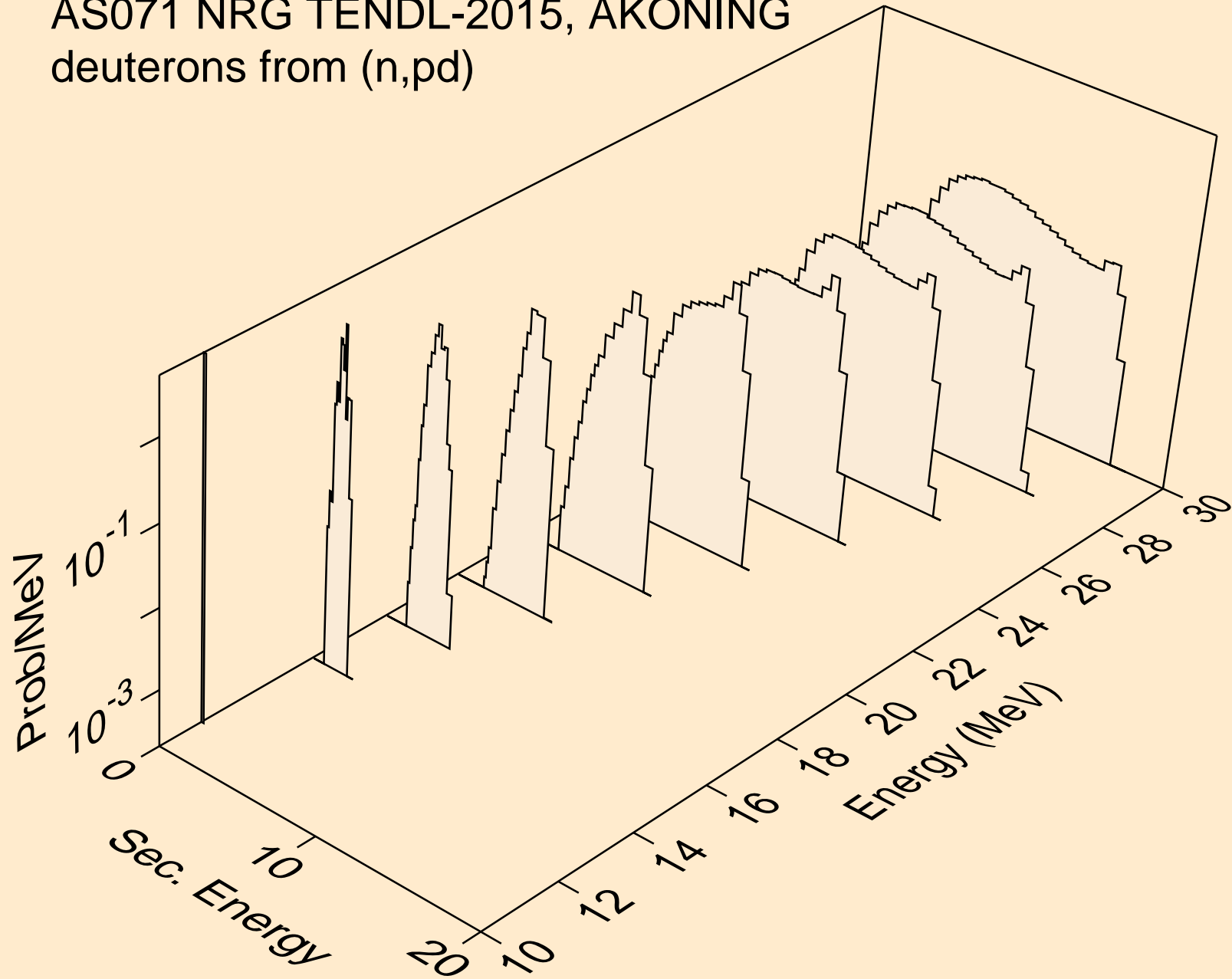
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deuterons from (n,d)



AS071 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

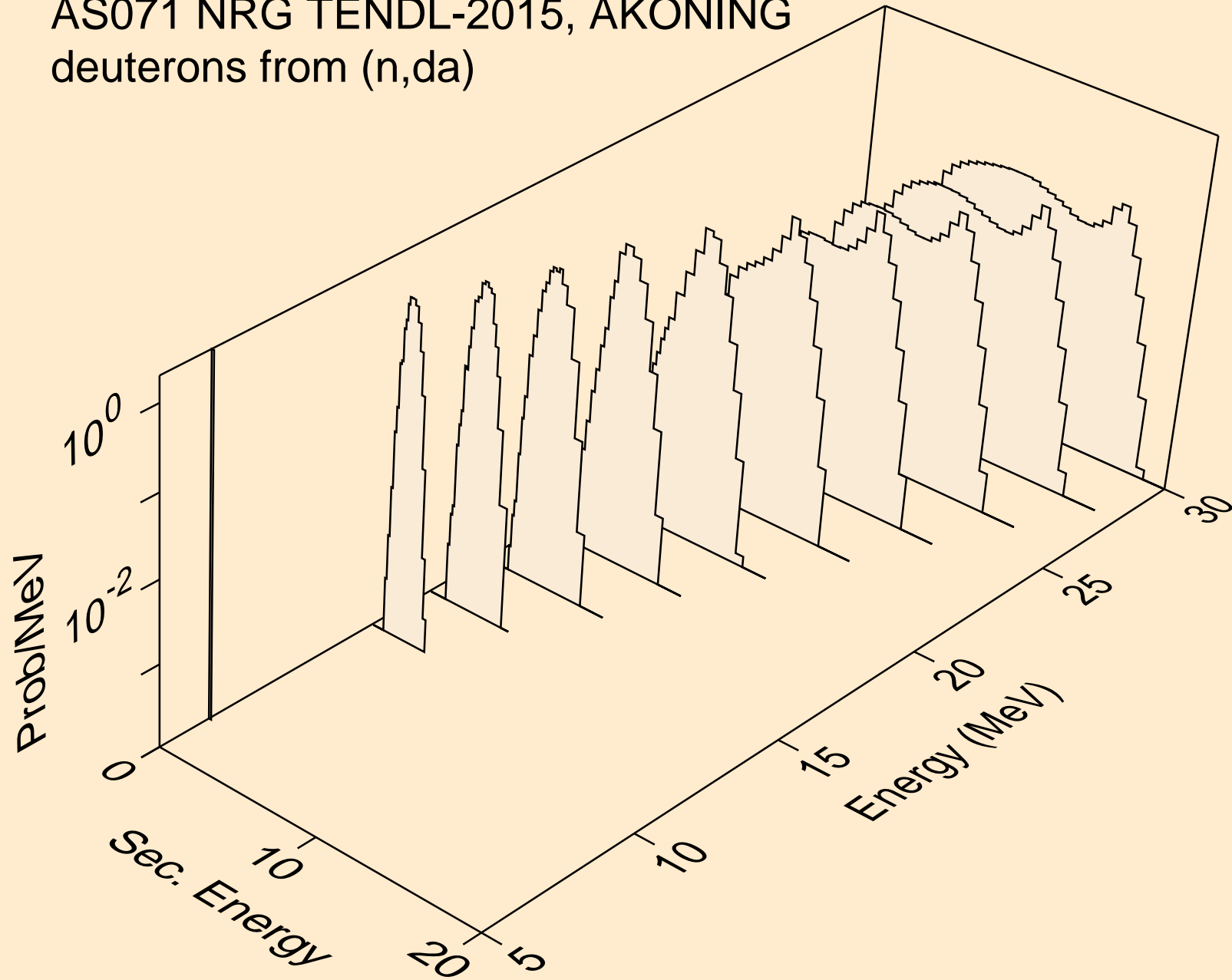


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deuterons from (n,pd)

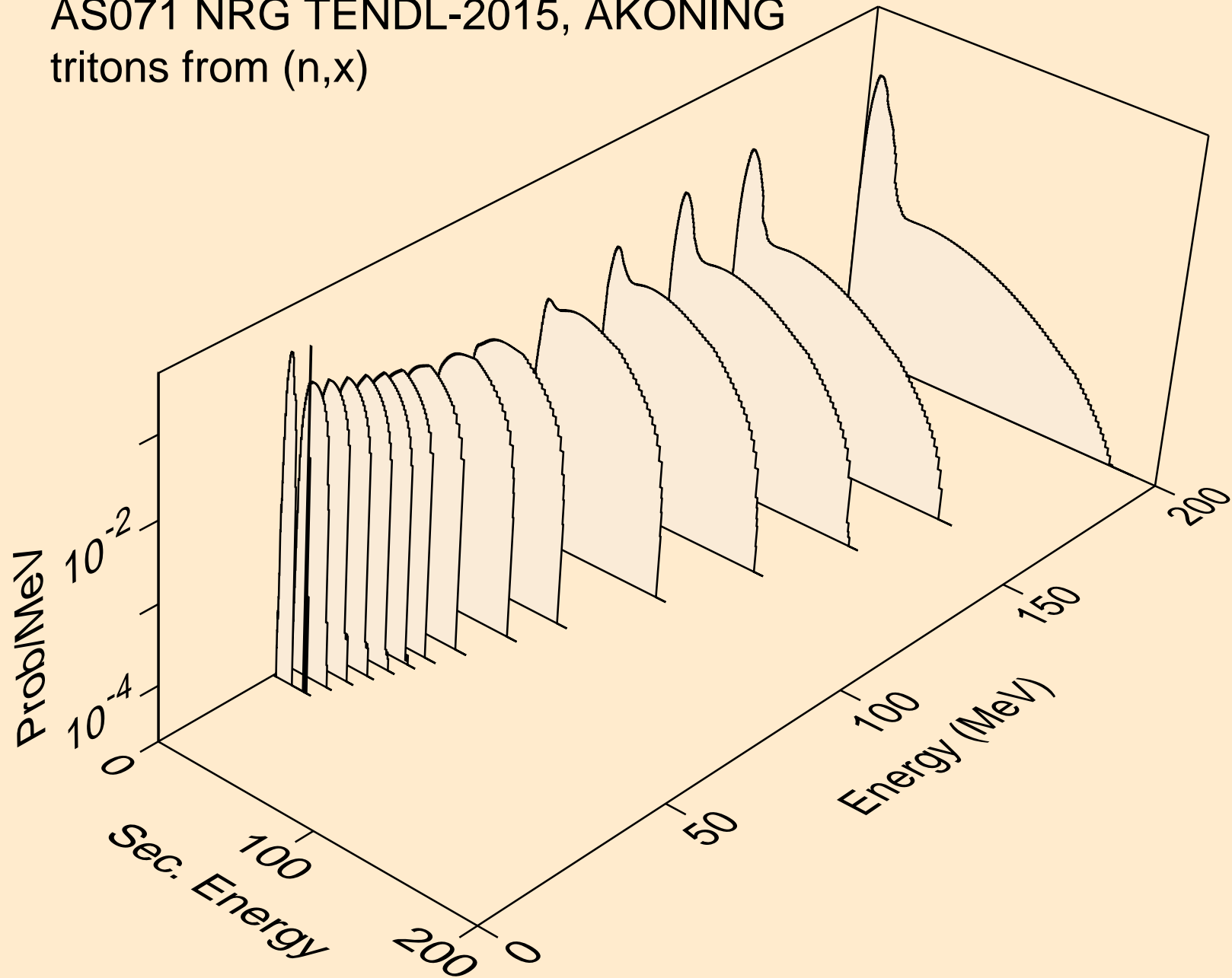




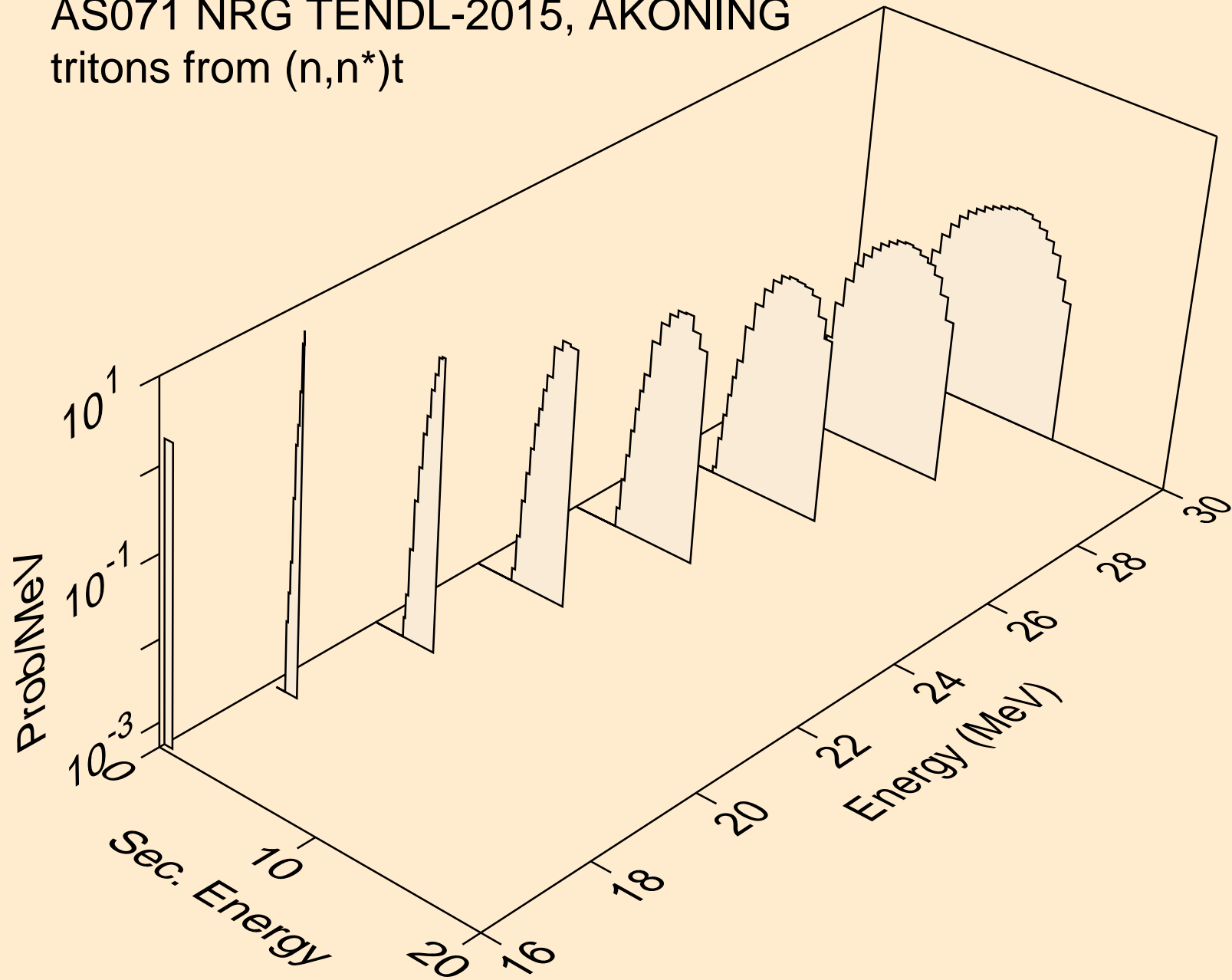
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deuterons from (n,da)



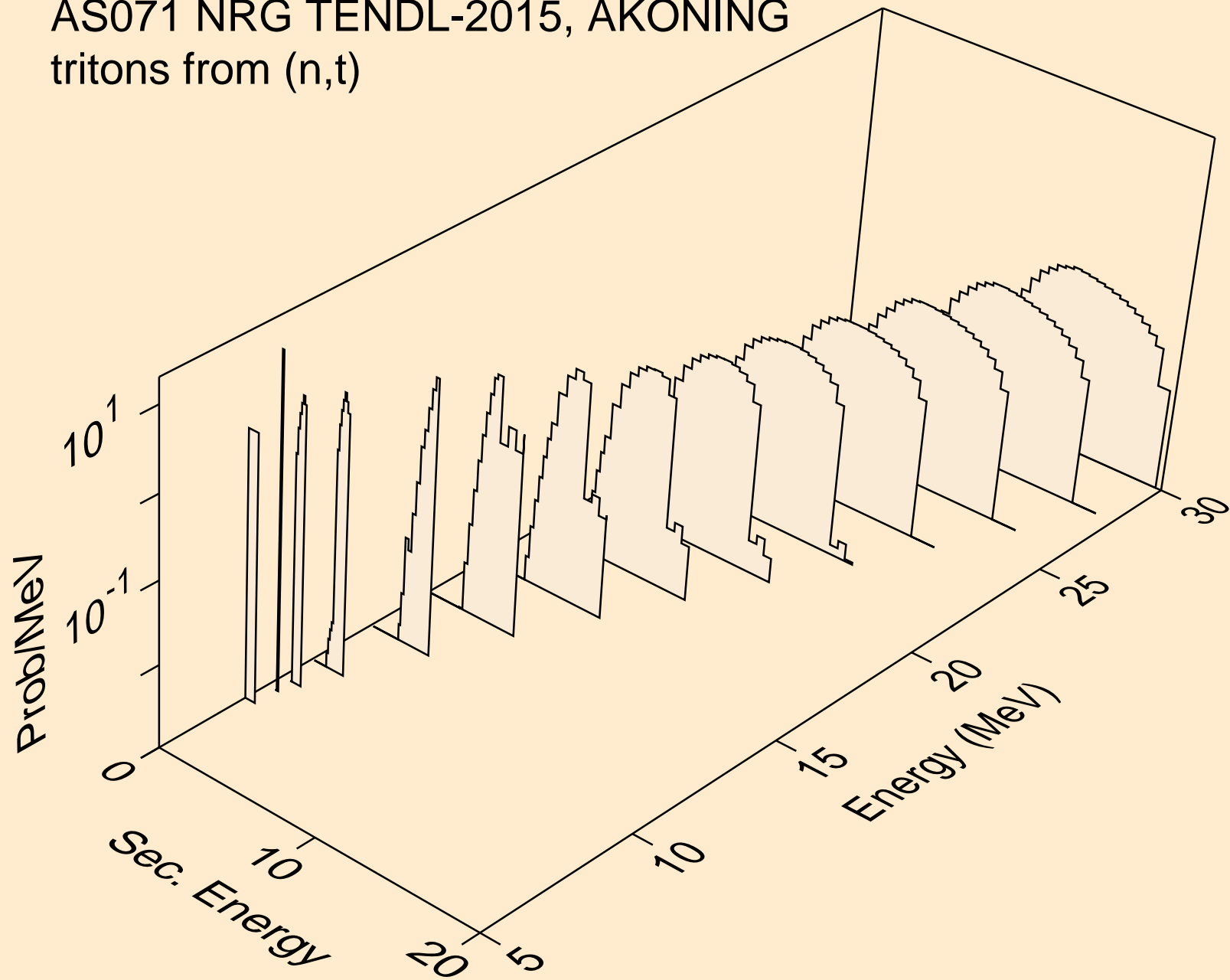
AS071 NRG TENDL-2015, AKONING  
tritons from (n,x)



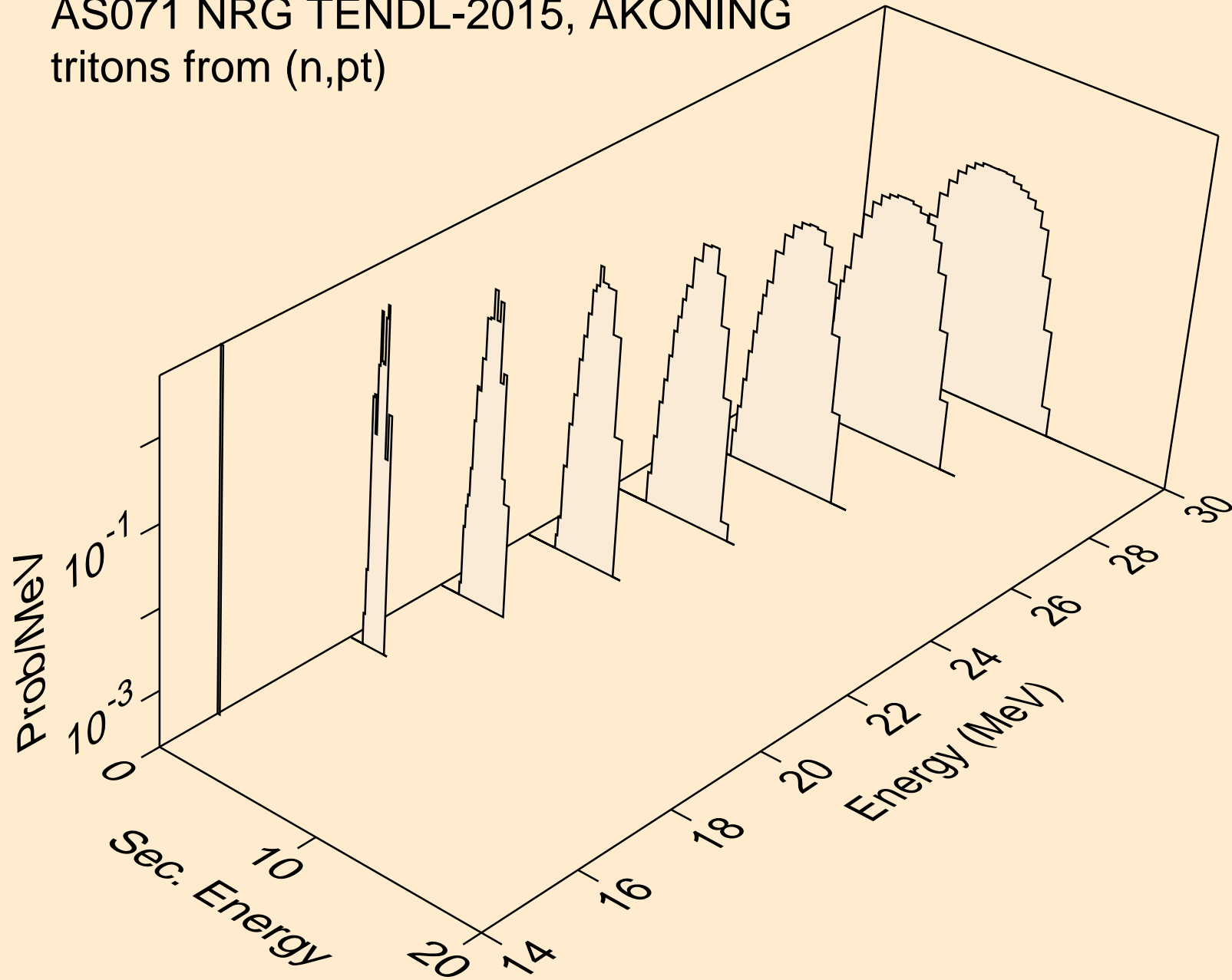
AS071 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



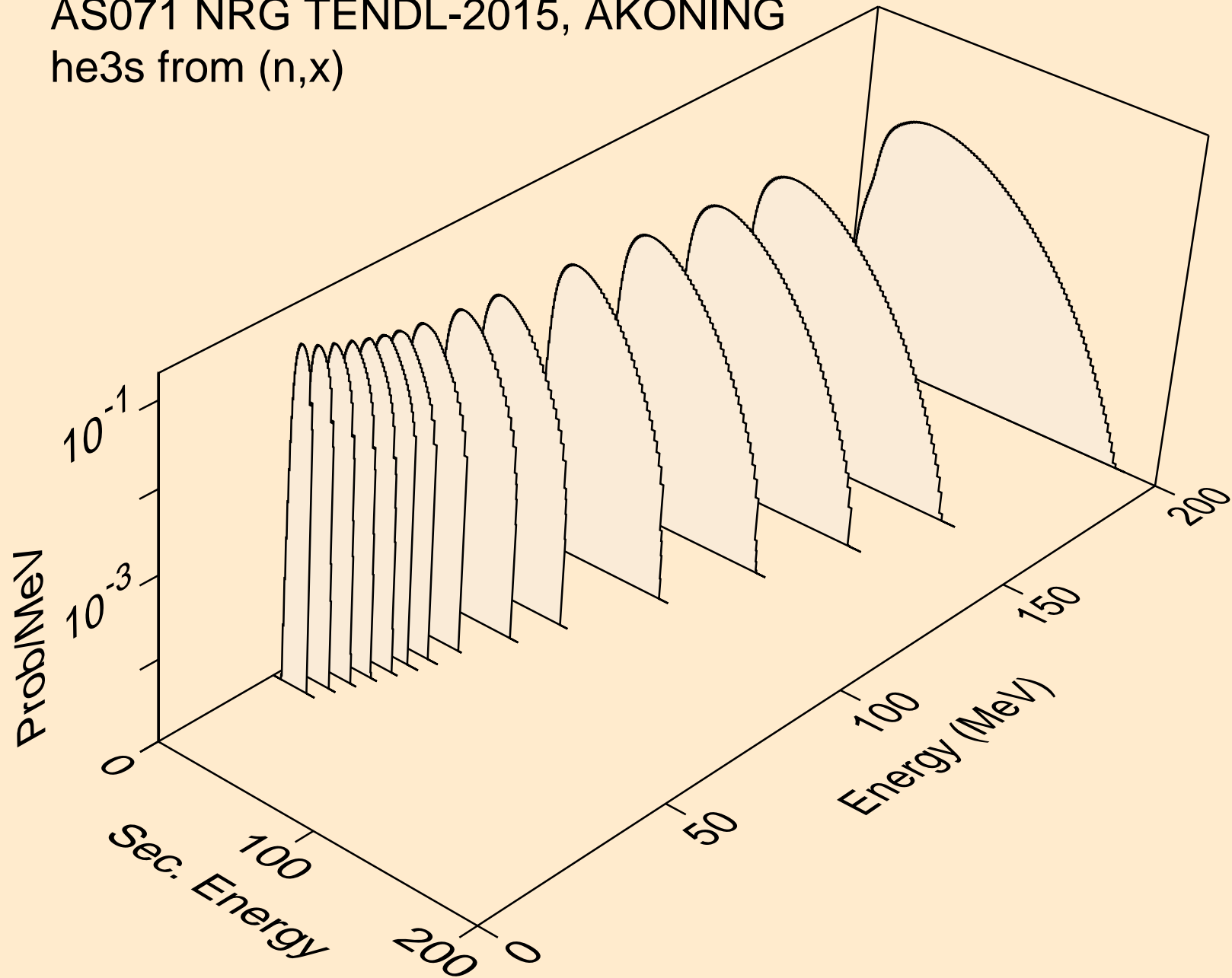
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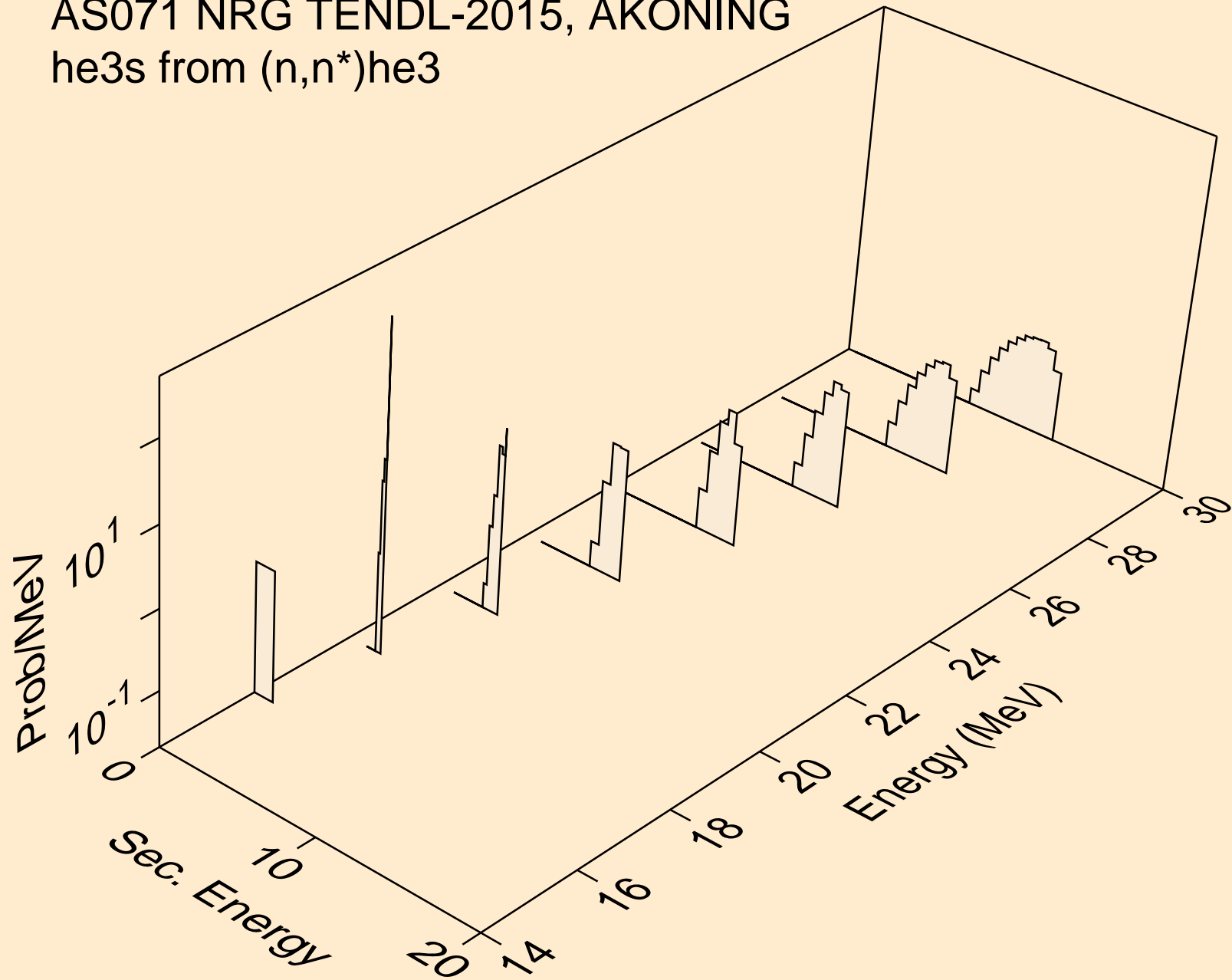
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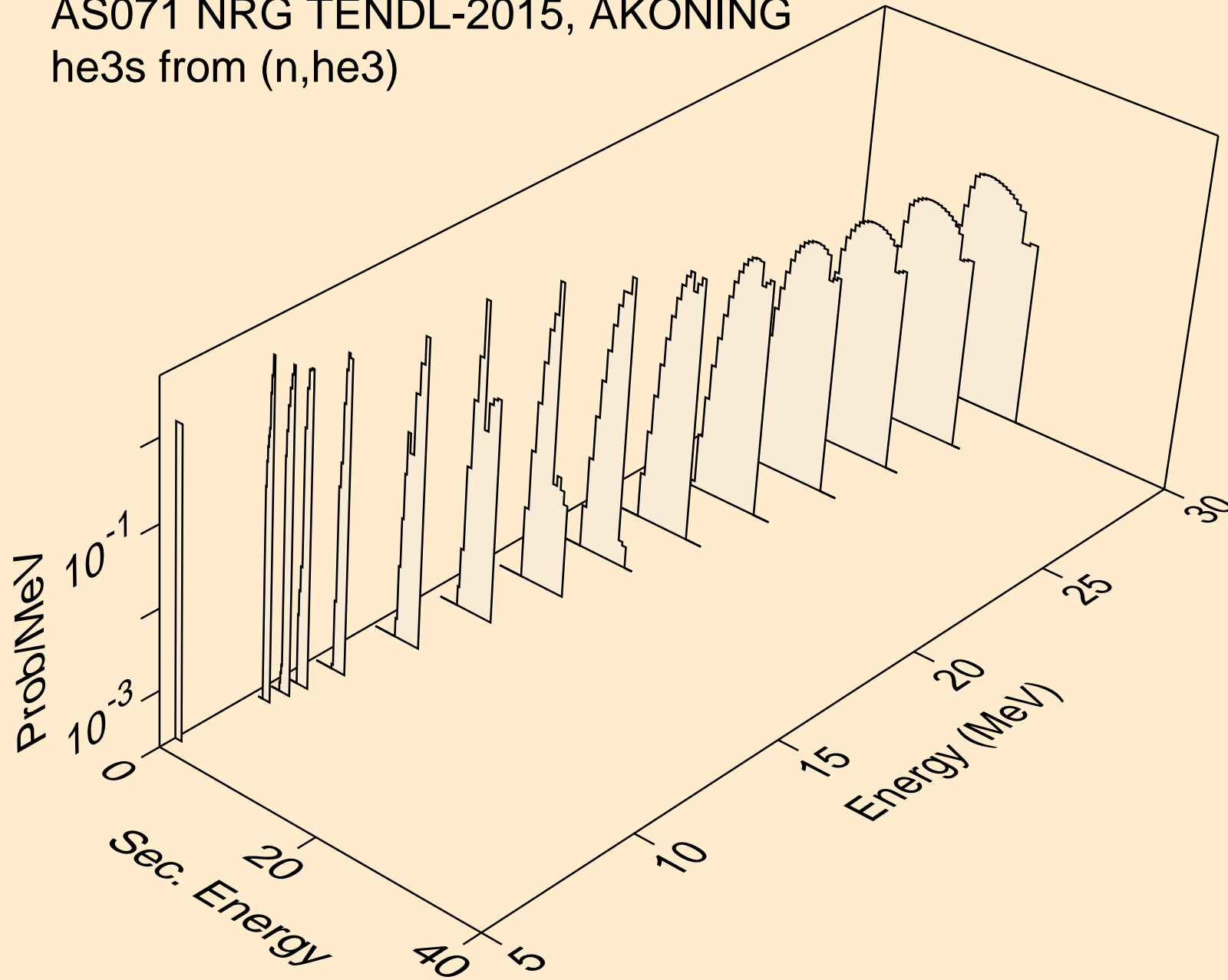
AS071 NRG TENDL-2015, AKONING  
he3s from (n,x)



AS071 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

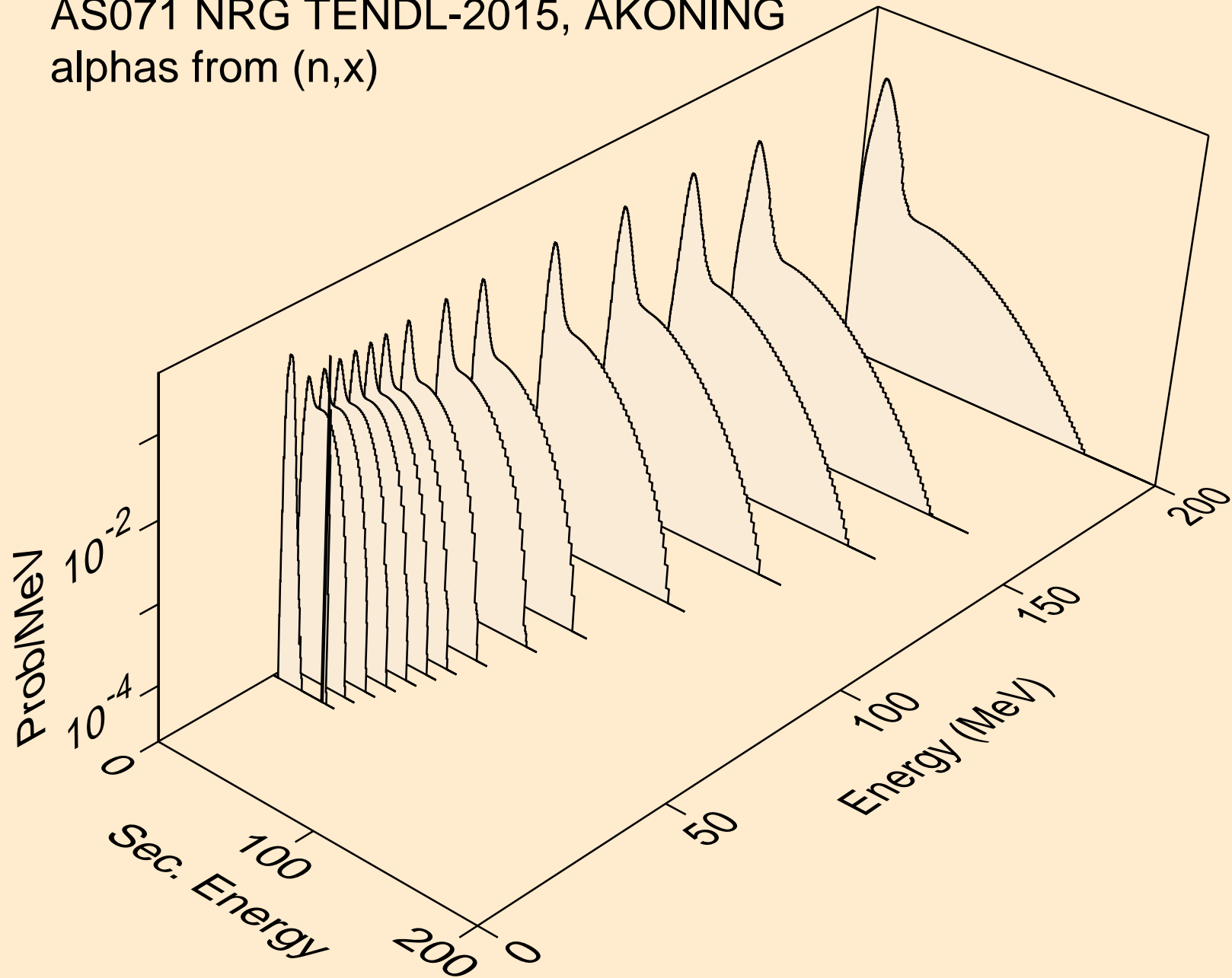


AS071 NRG TENDL-2015, AKONING  
he3s from (n,he3)

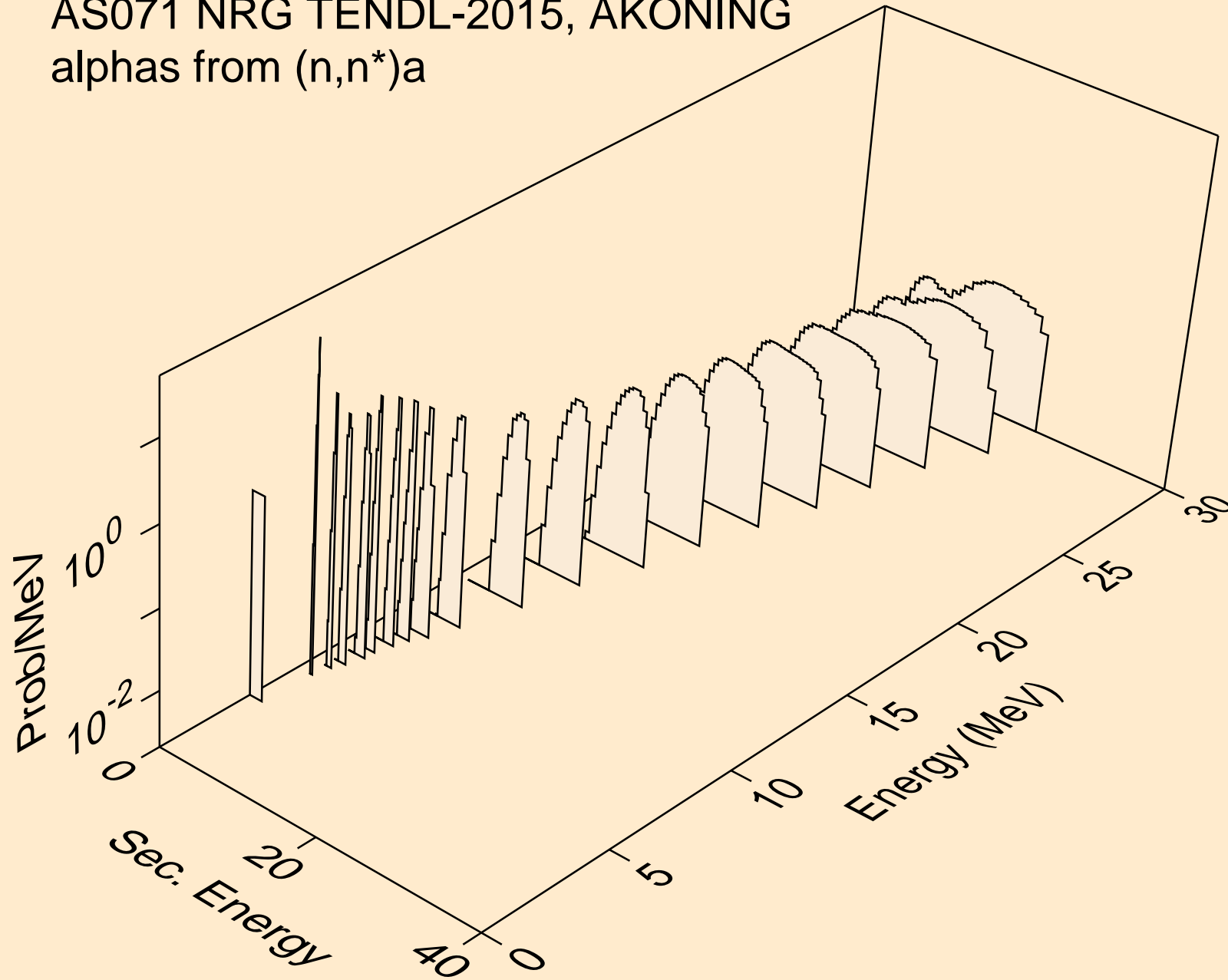




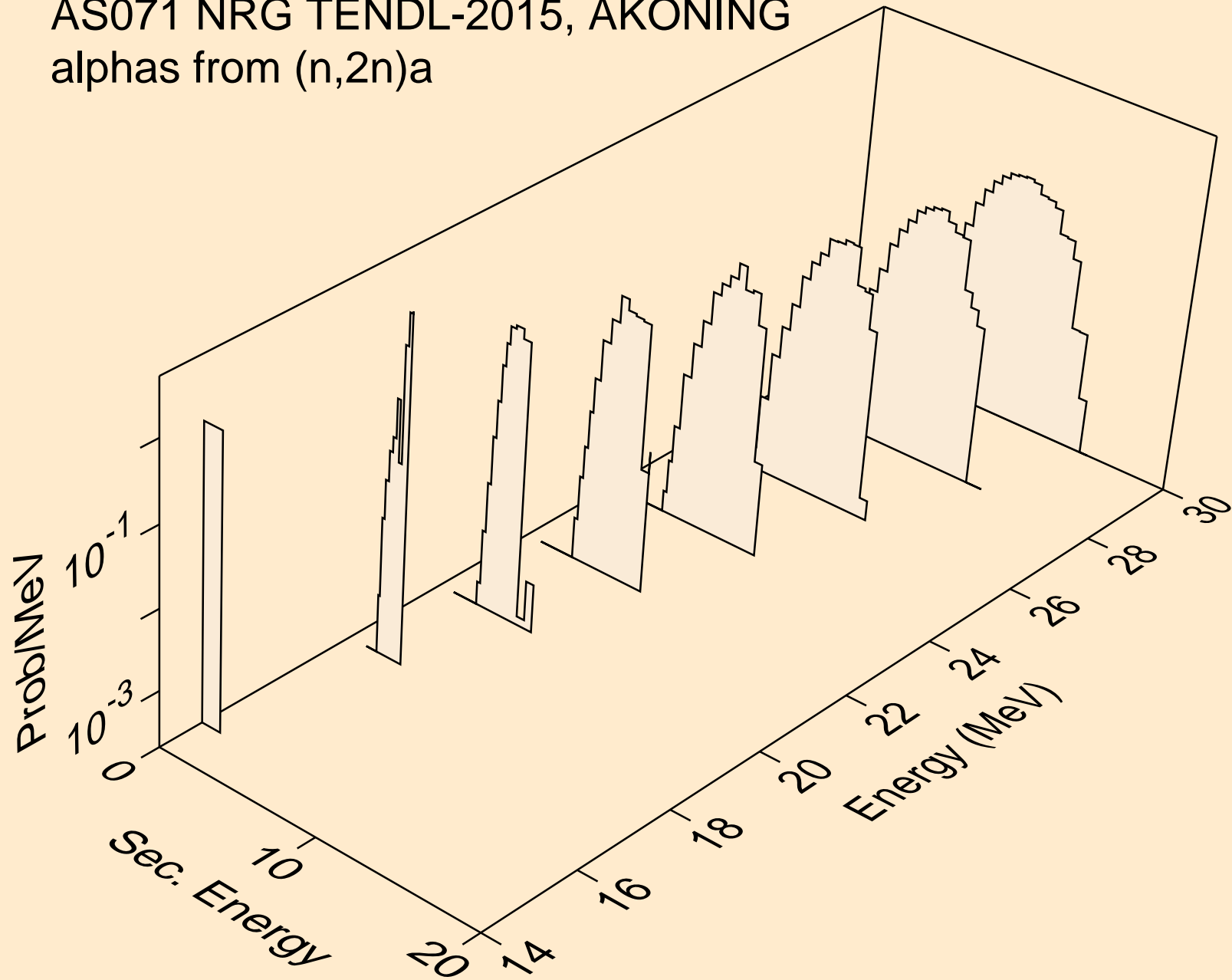
AS071 NRG TENDL-2015, AKONING  
alphas from (n,x)



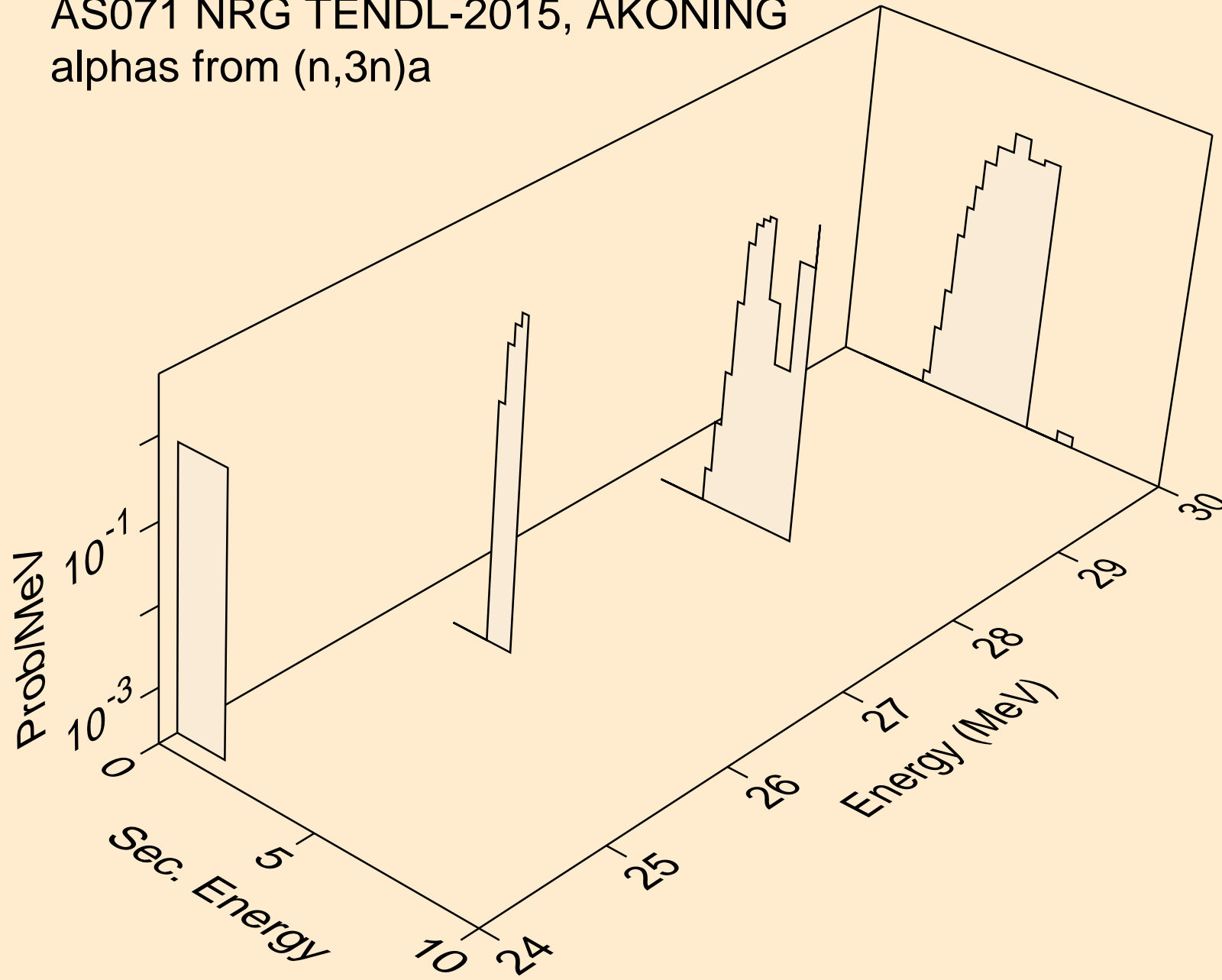
AS071 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



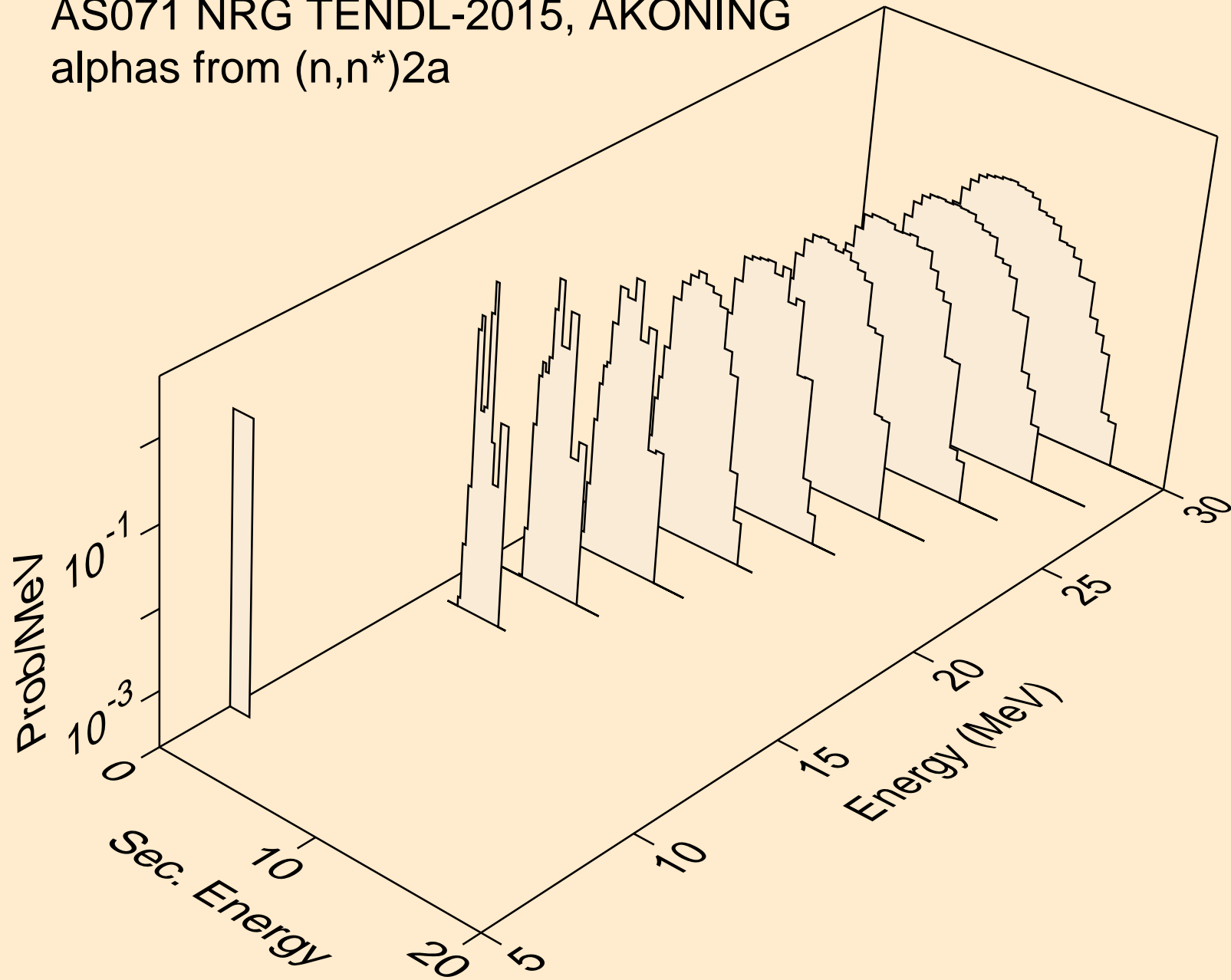
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alphas from (n,2n)a



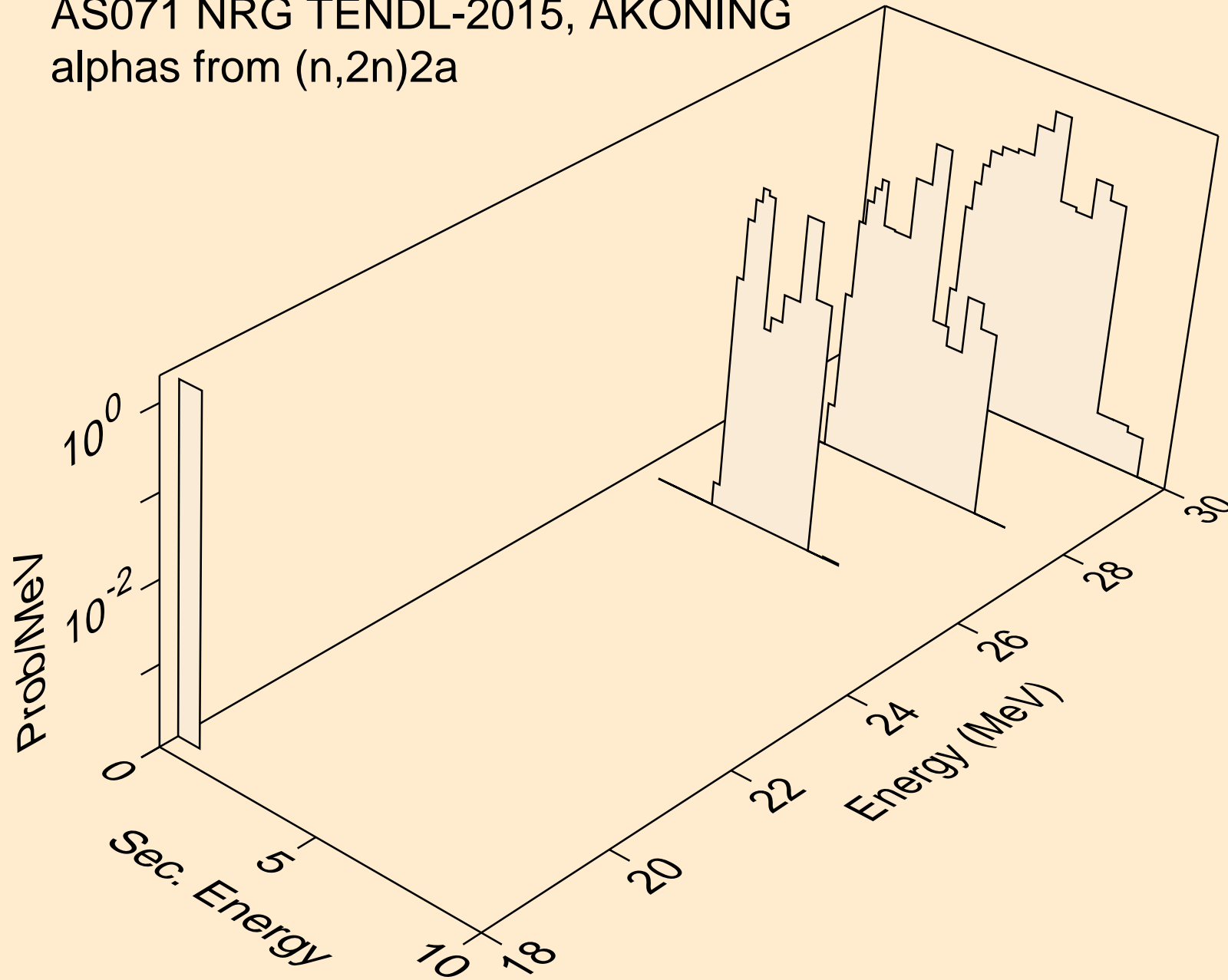
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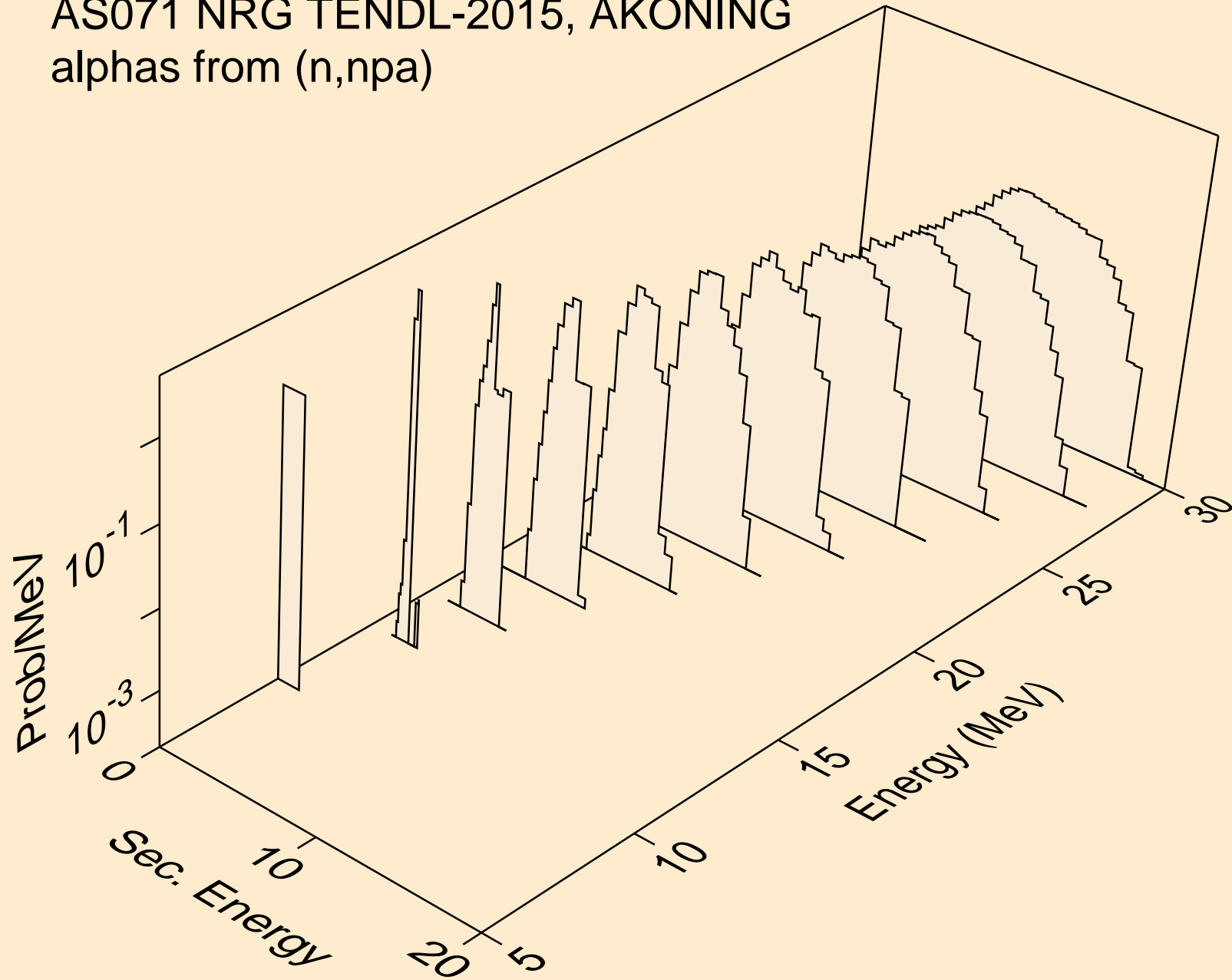
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alphas from (n,n\*)2a



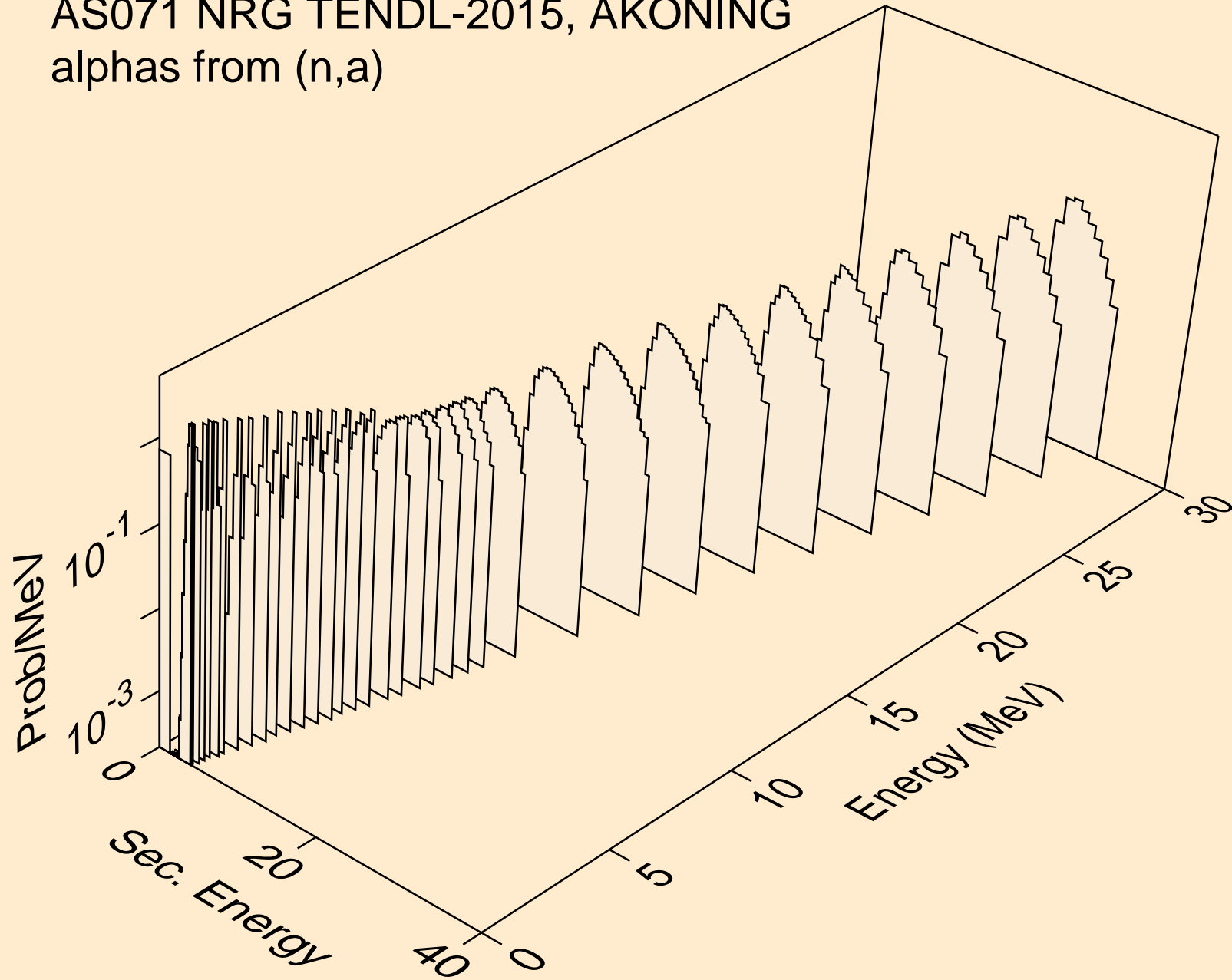
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alphas from (n,2n)2a



AS071 NRG TENDL-2015, AKONING  
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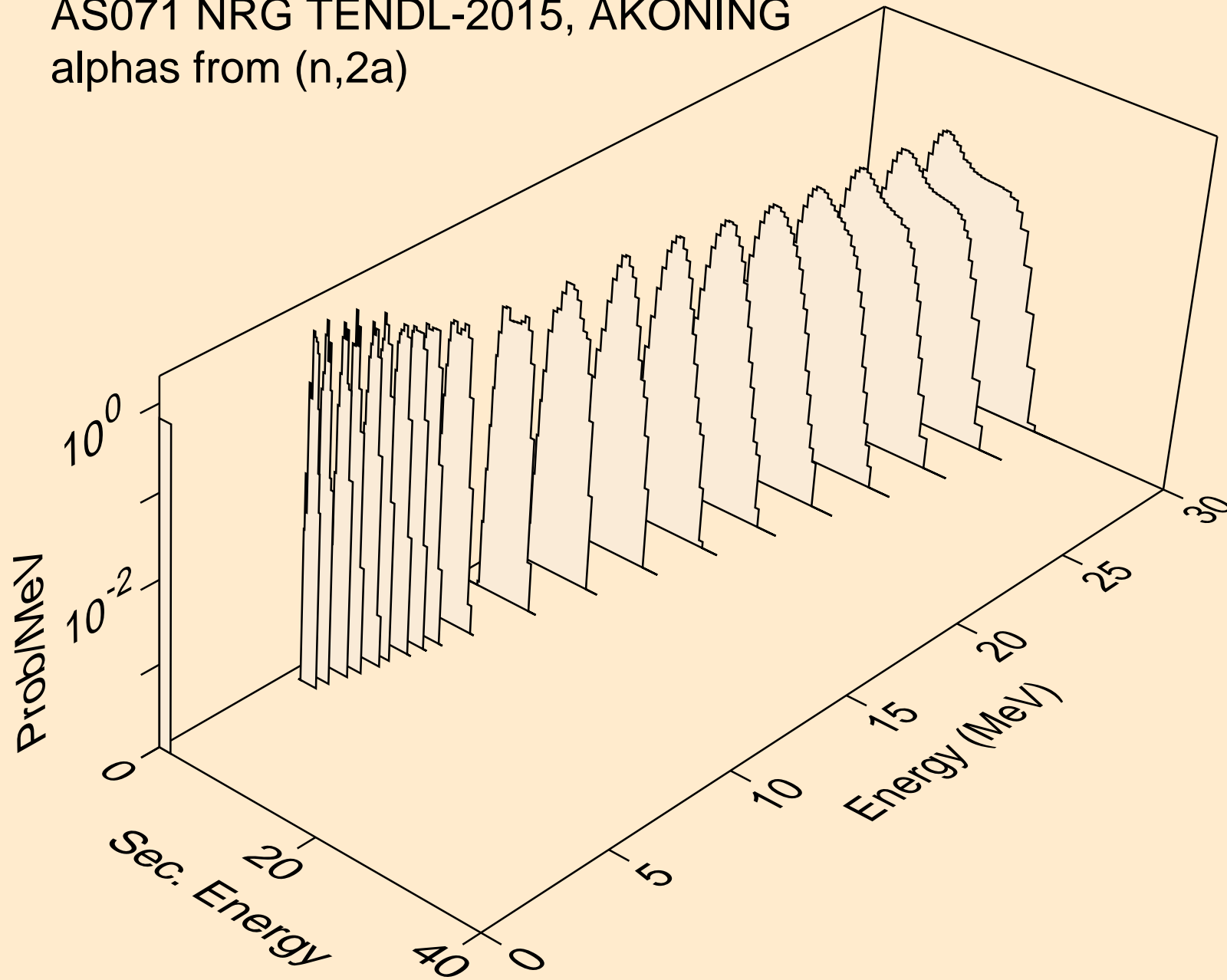


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alphas from (n,a)

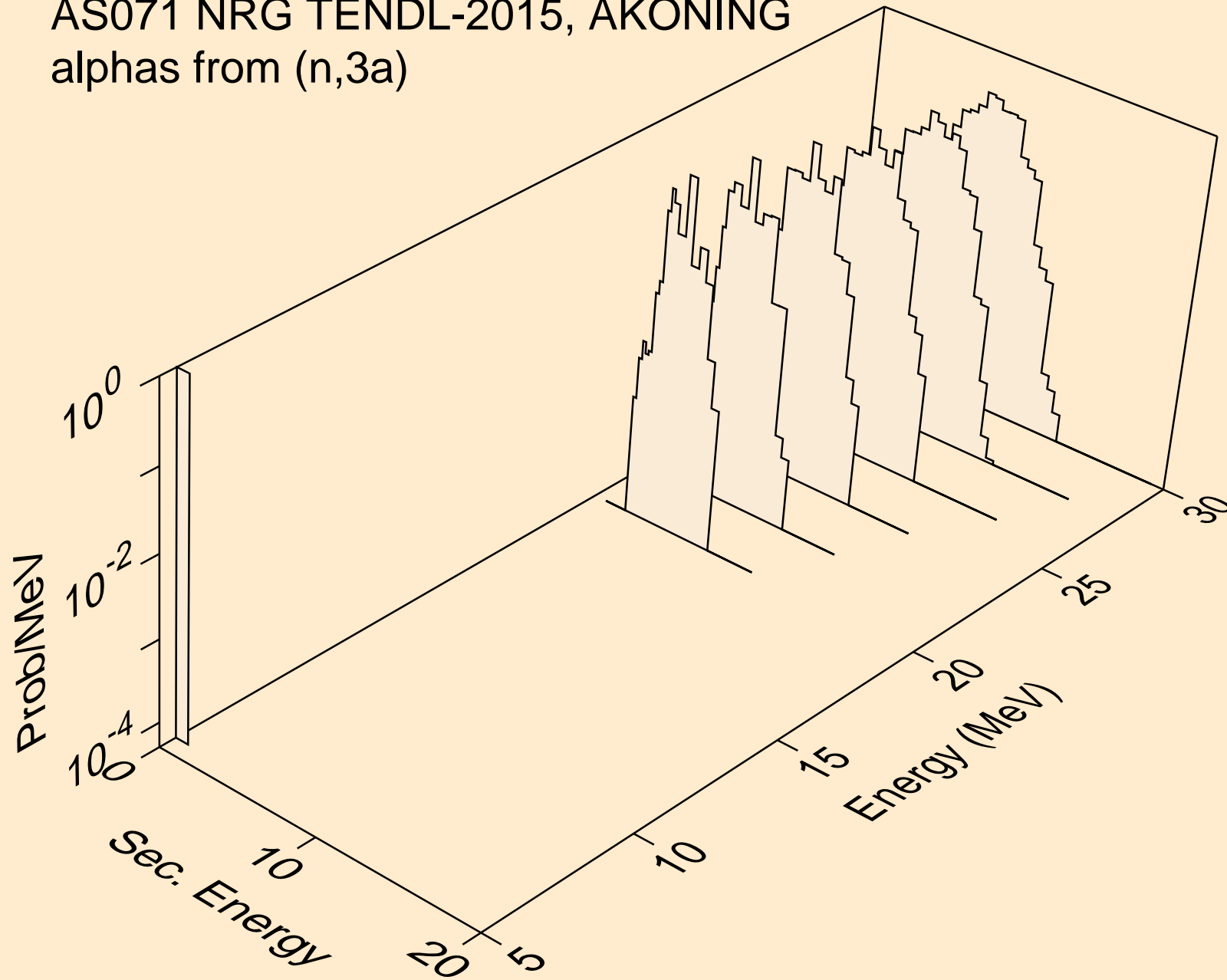




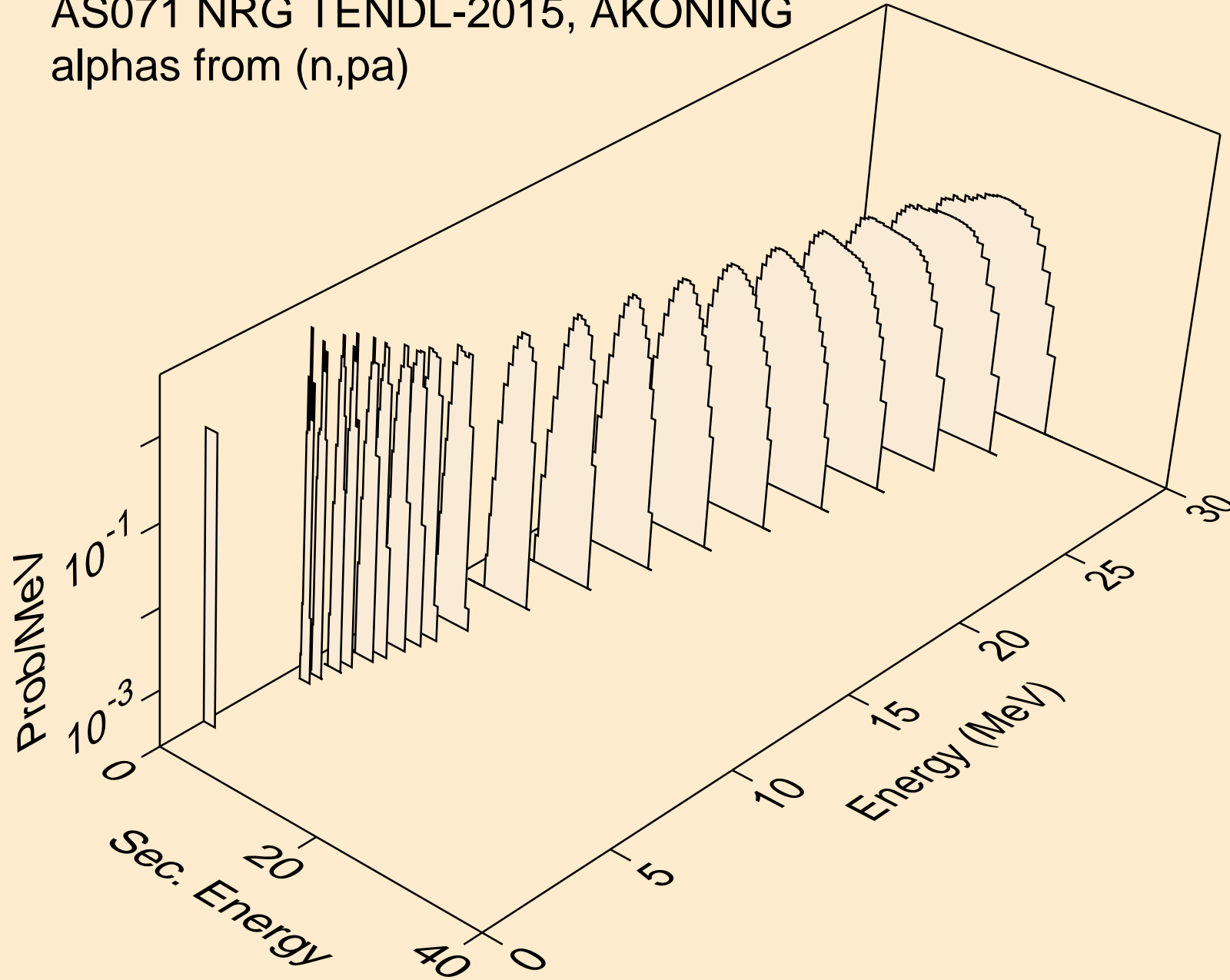
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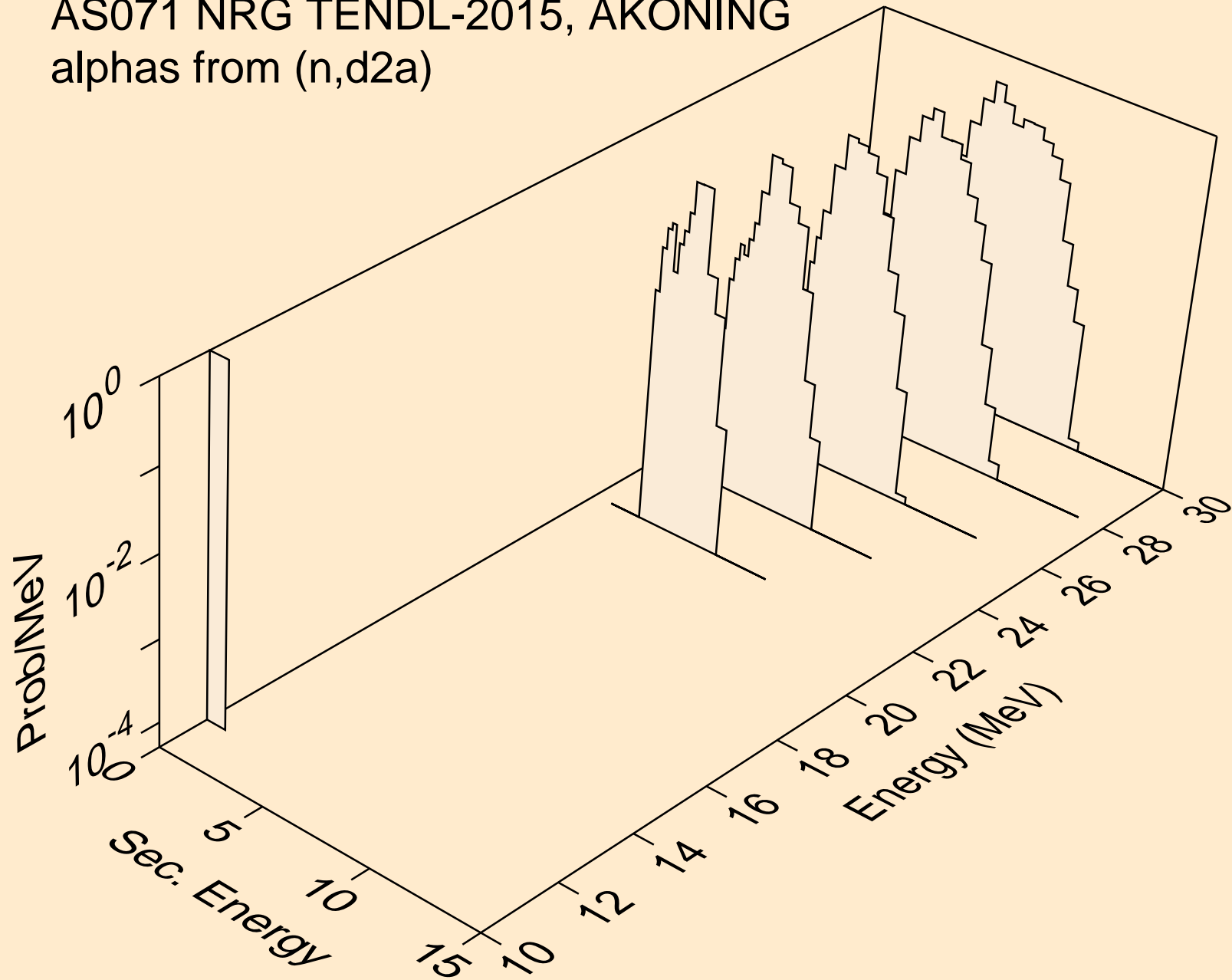
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alphas from (n,3a)



AS071 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AS071 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



AS071 NRG TENDL-2015, AKONING  
alphas from (n,da)

