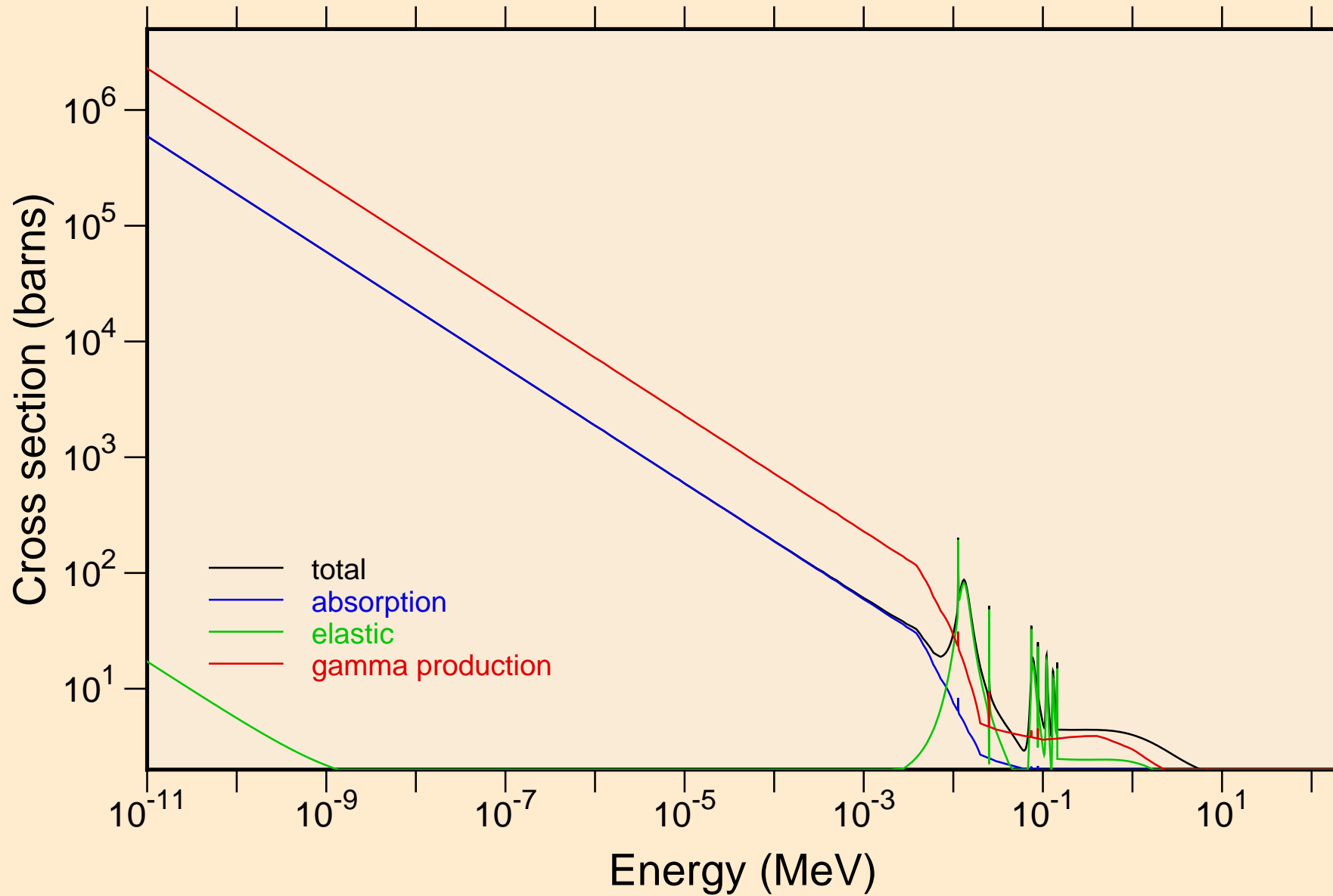
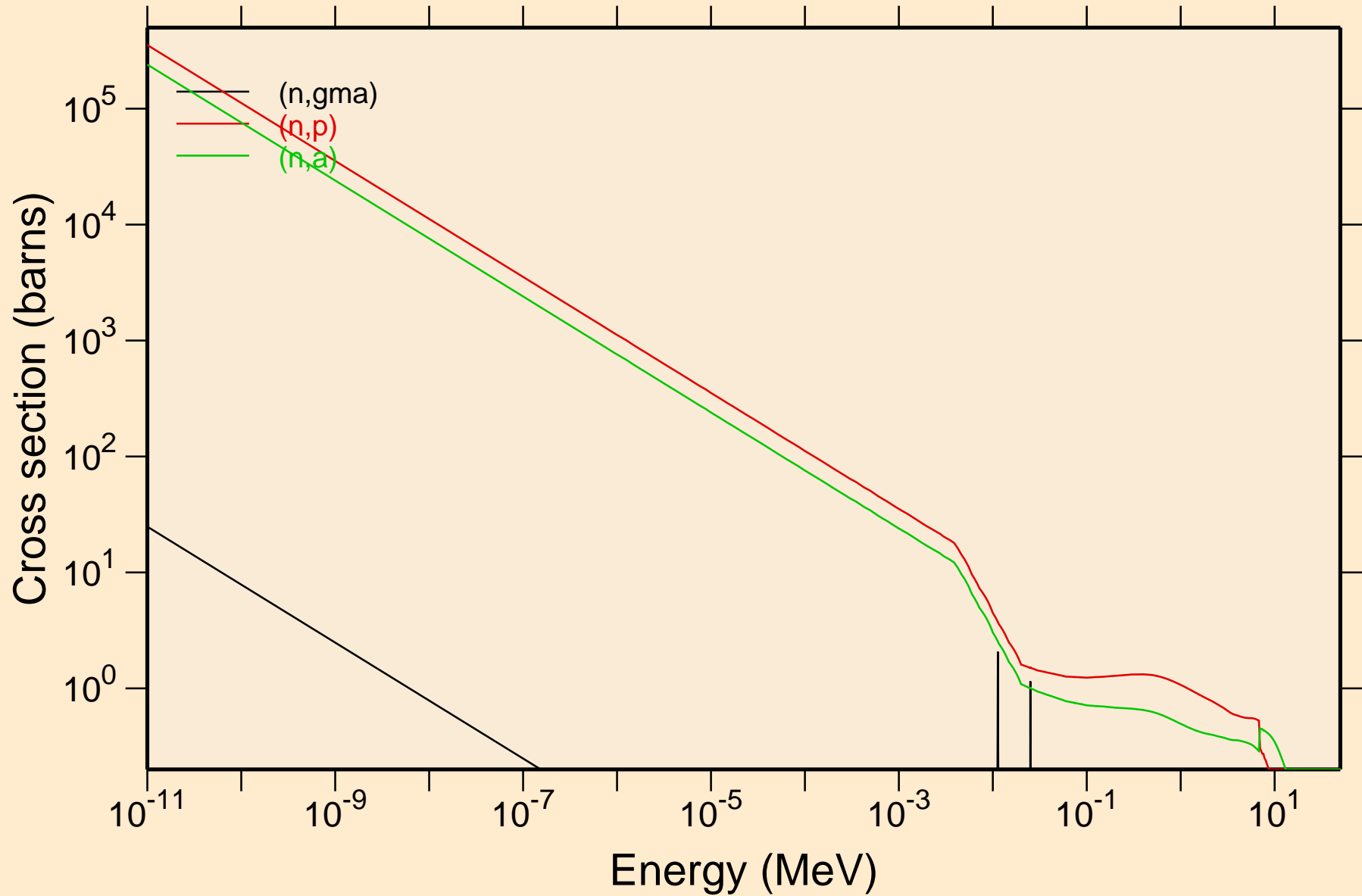


# MG023 NRG TENDL-2015, AKONING

## Principal cross sections

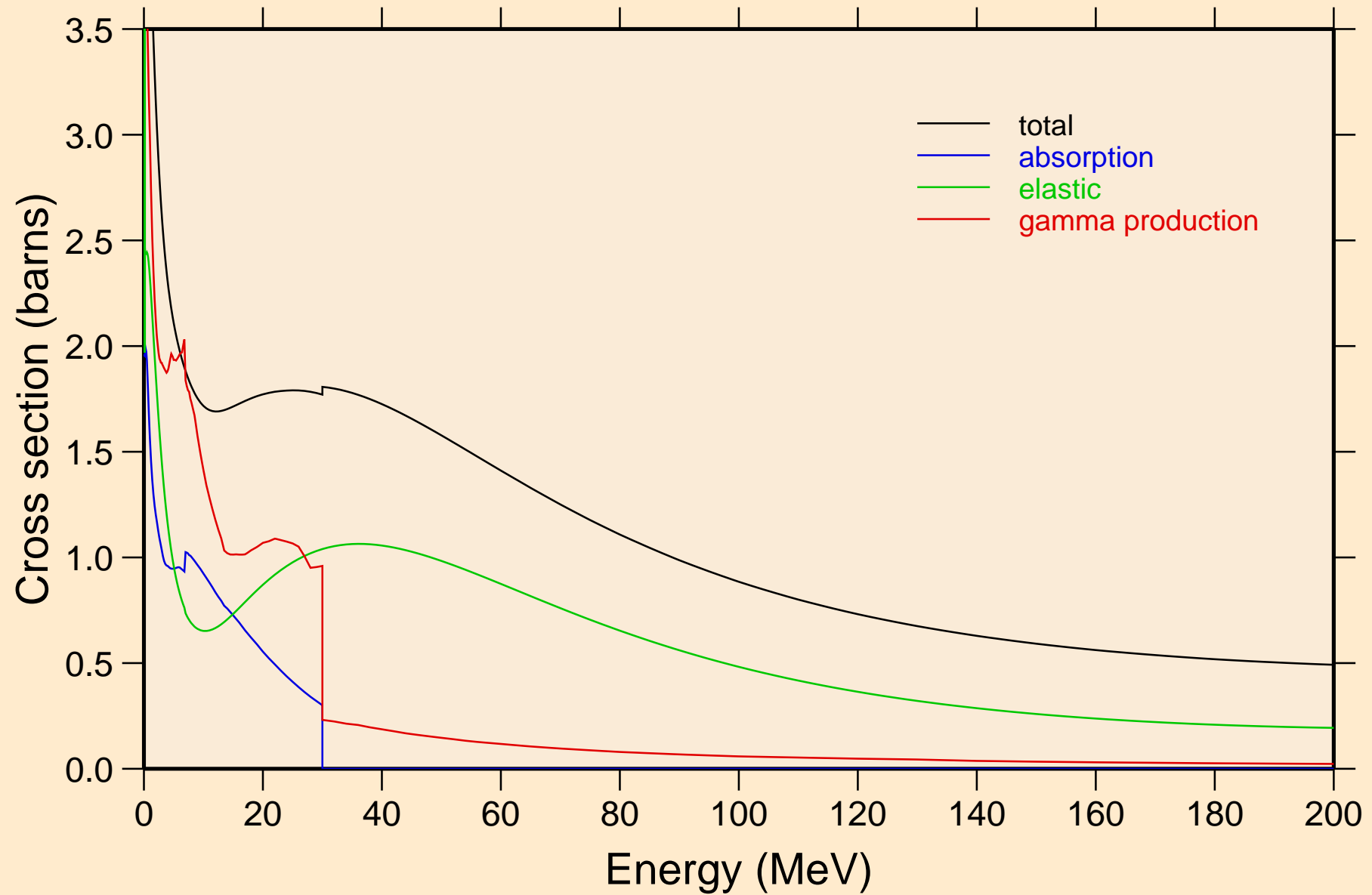


MG023 NRG TENDL-2015, AKONING  
Non-threshold reactions



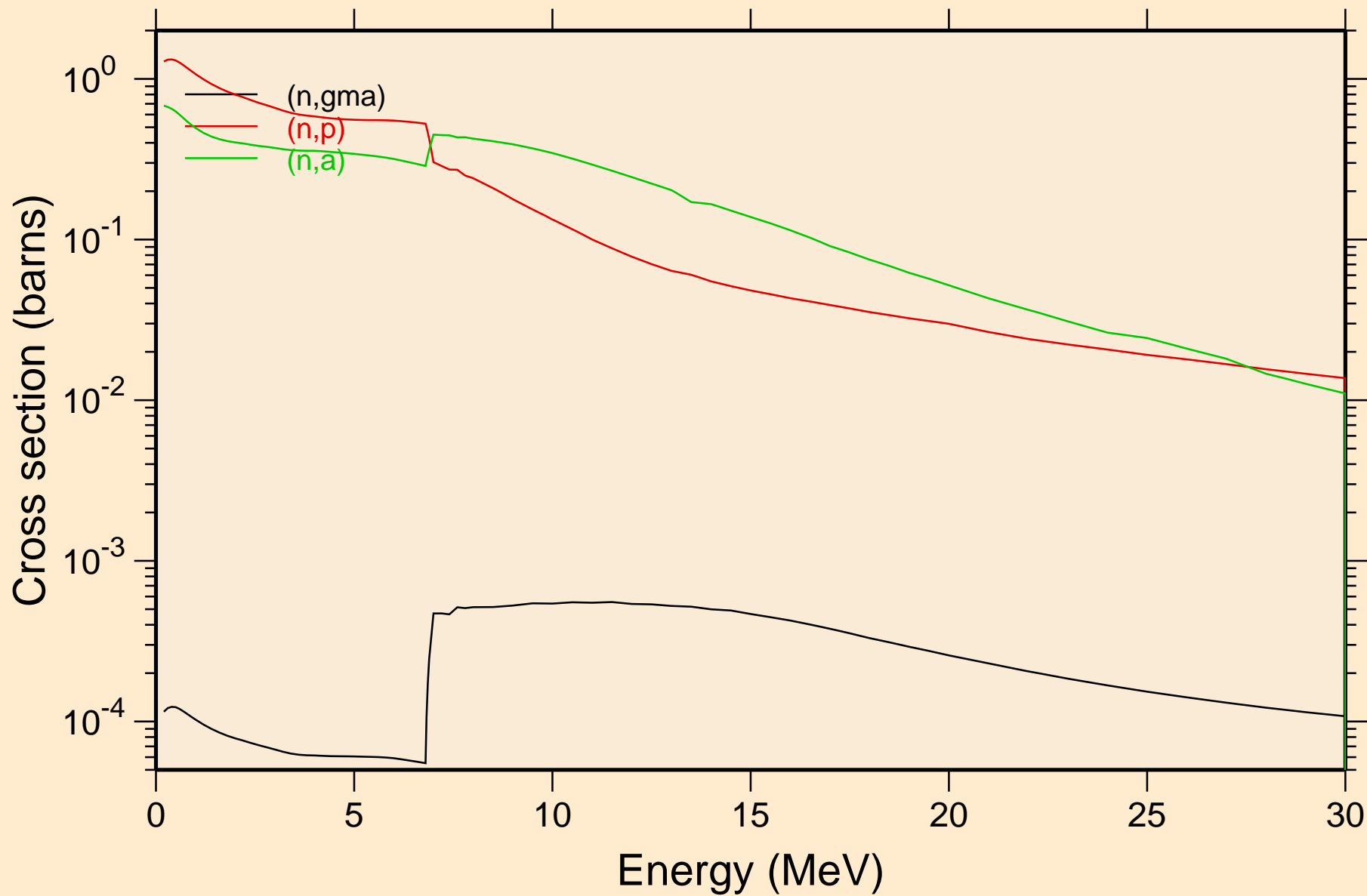
# MG023 NRG TENDL-2015, AKONING

## Principal cross sections



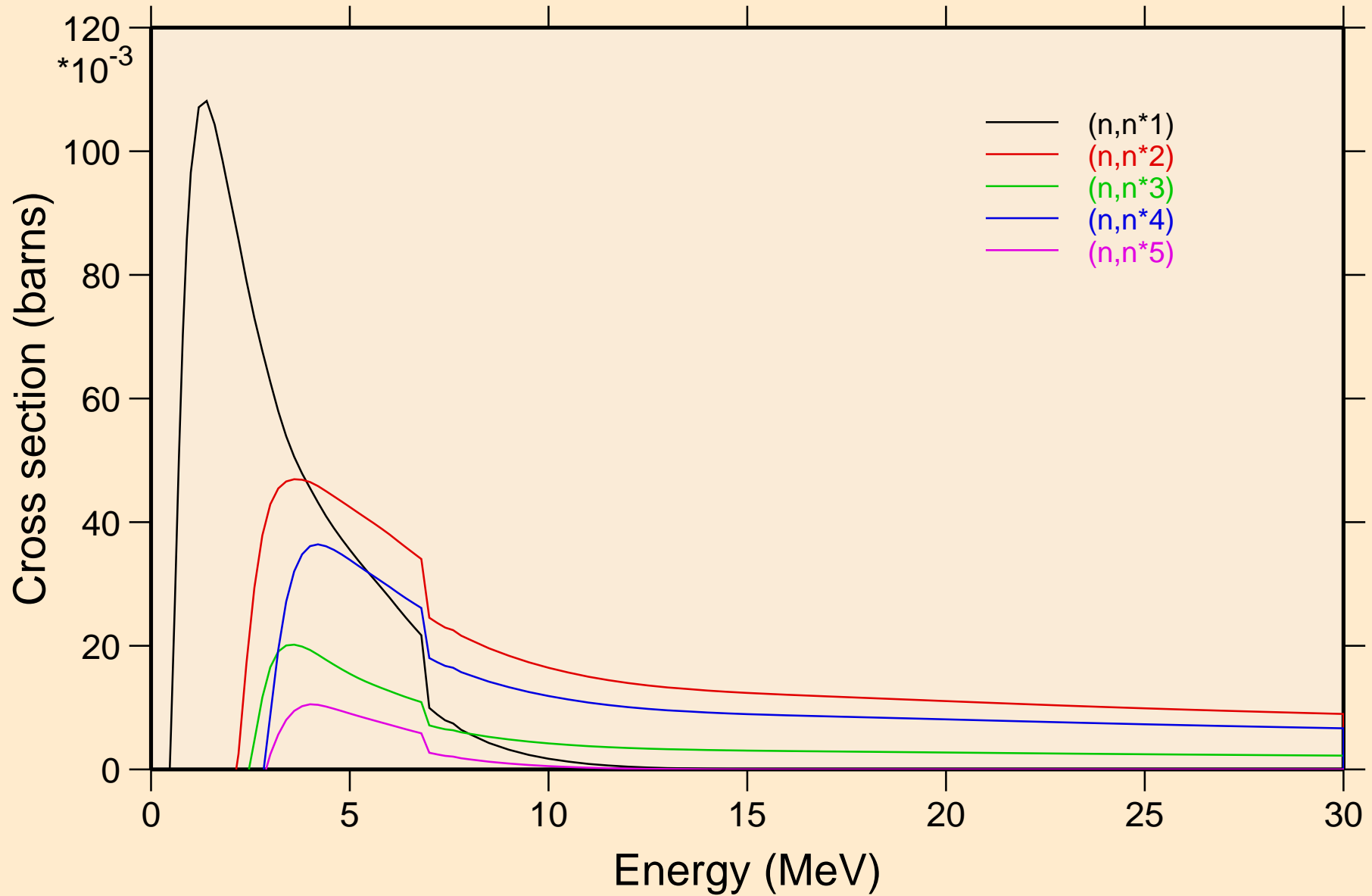
# MG023 NRG TENDL-2015, AKONING

## Non-threshold reactions



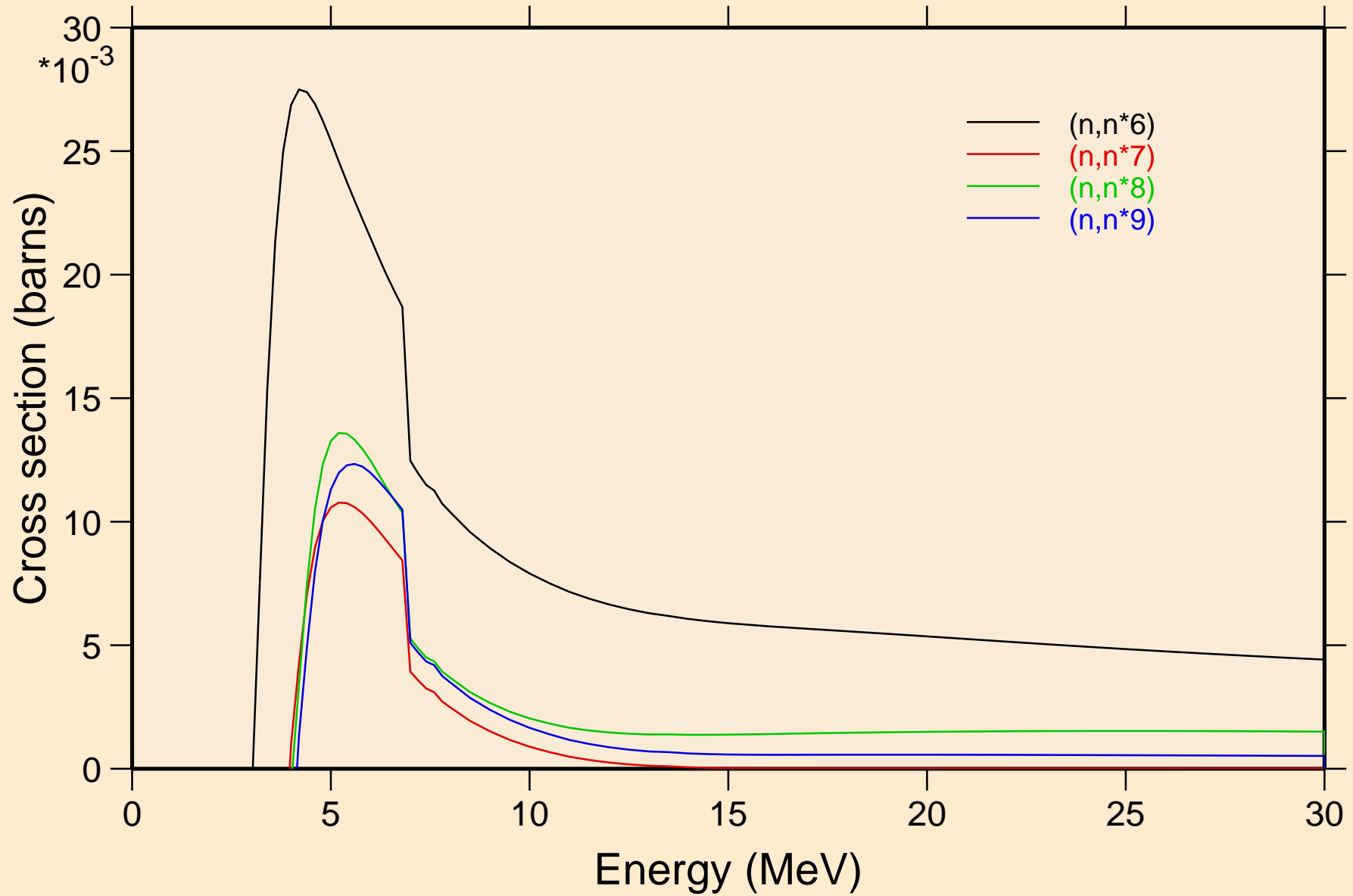
# MG023 NRG TENDL-2015, AKONING

## Inelastic levels



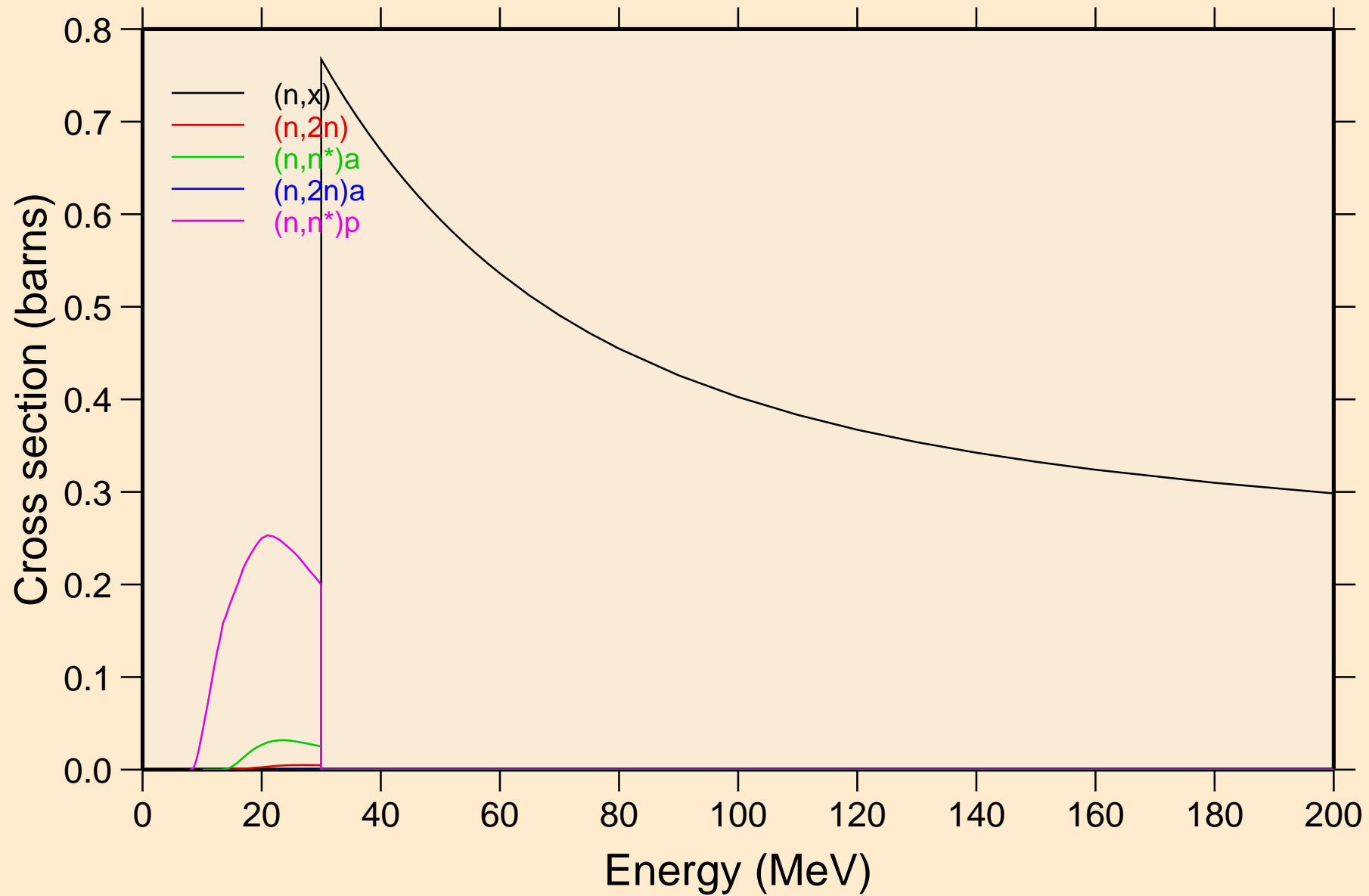
# MG023 NRG TENDL-2015, AKONING

## Inelastic levels



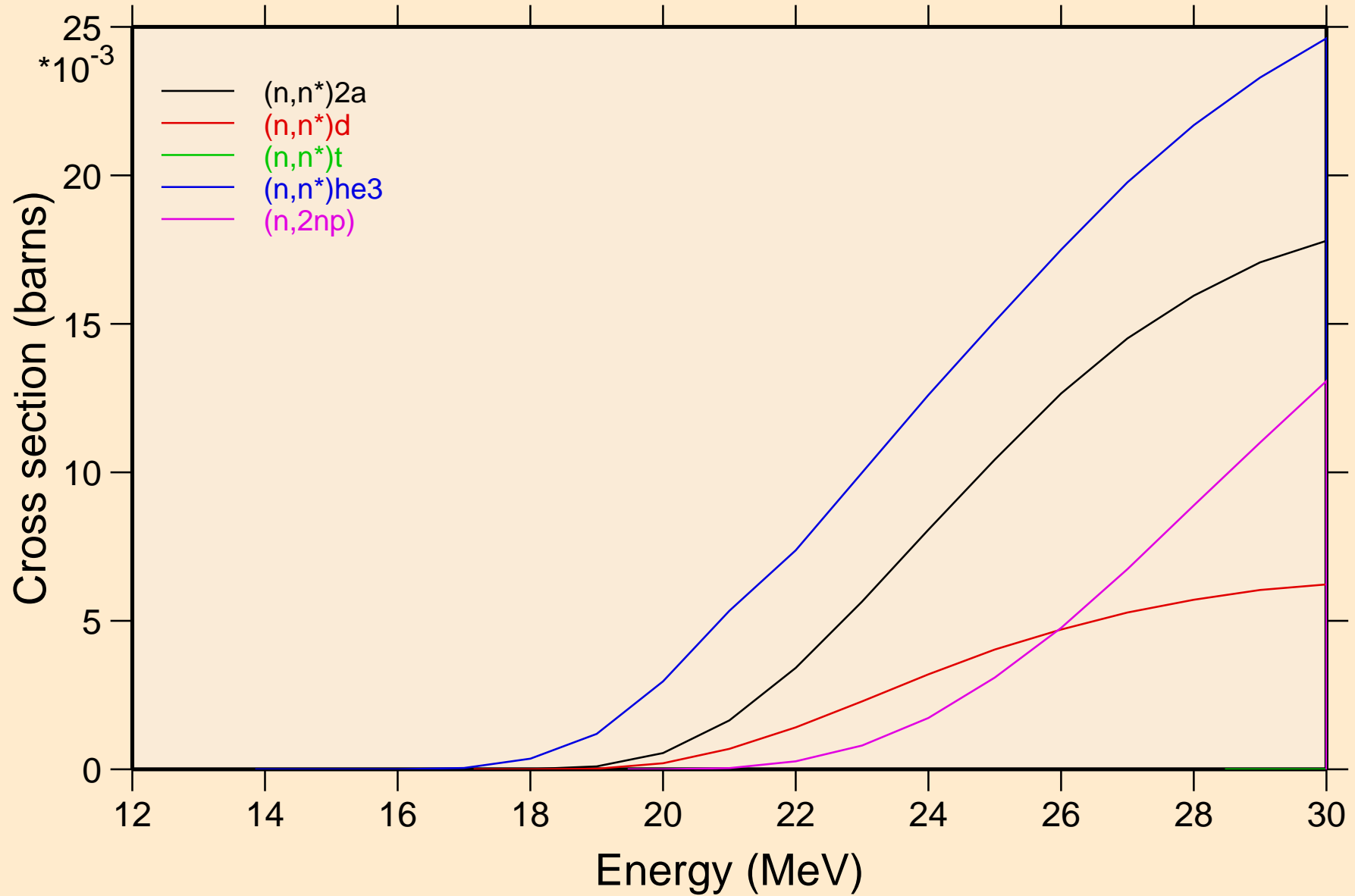
# MG023 NRG TENDL-2015, AKONING

## Threshold reactions



# MG023 NRG TENDL-2015, AKONING

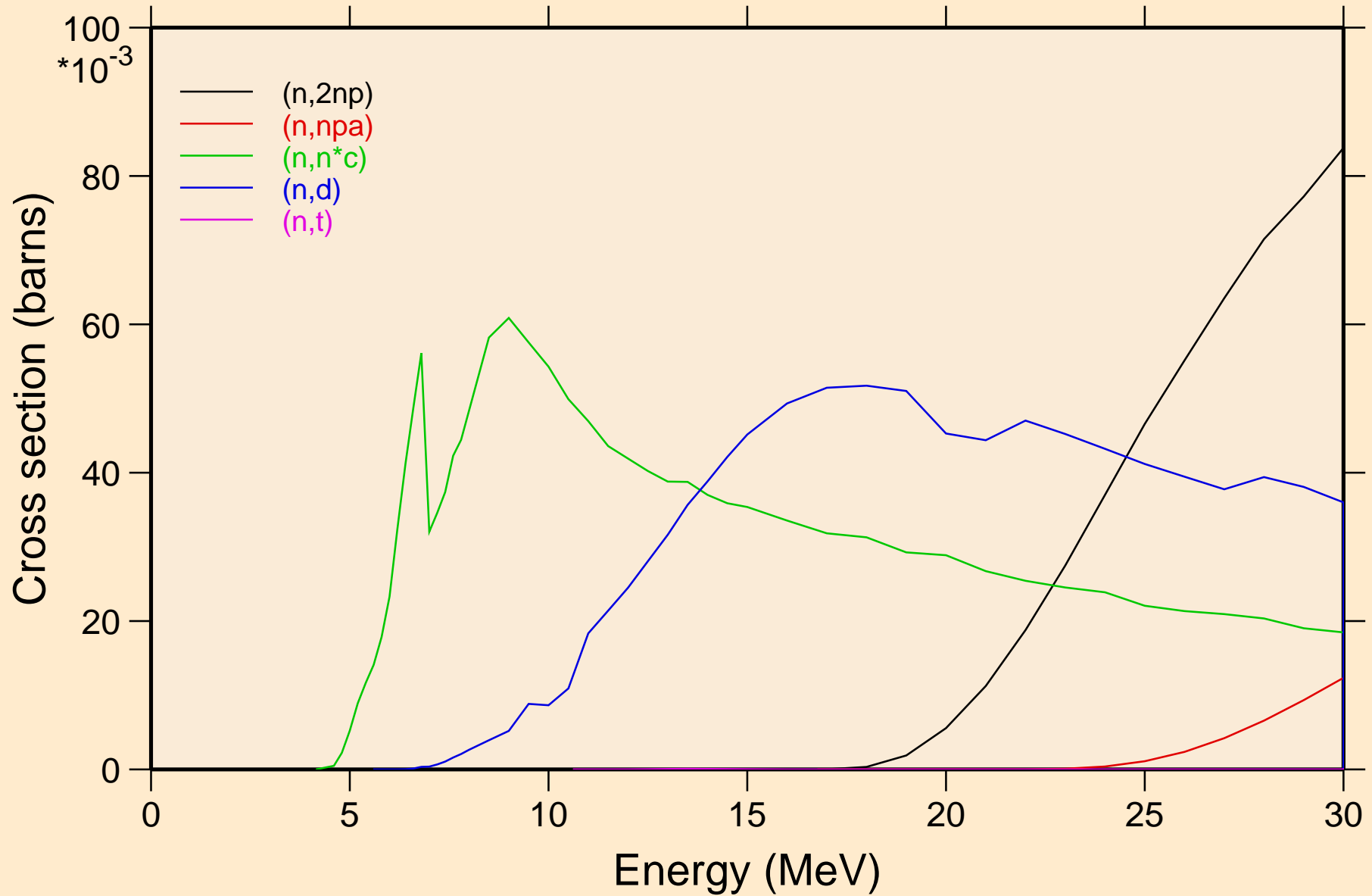
## Threshold reactions





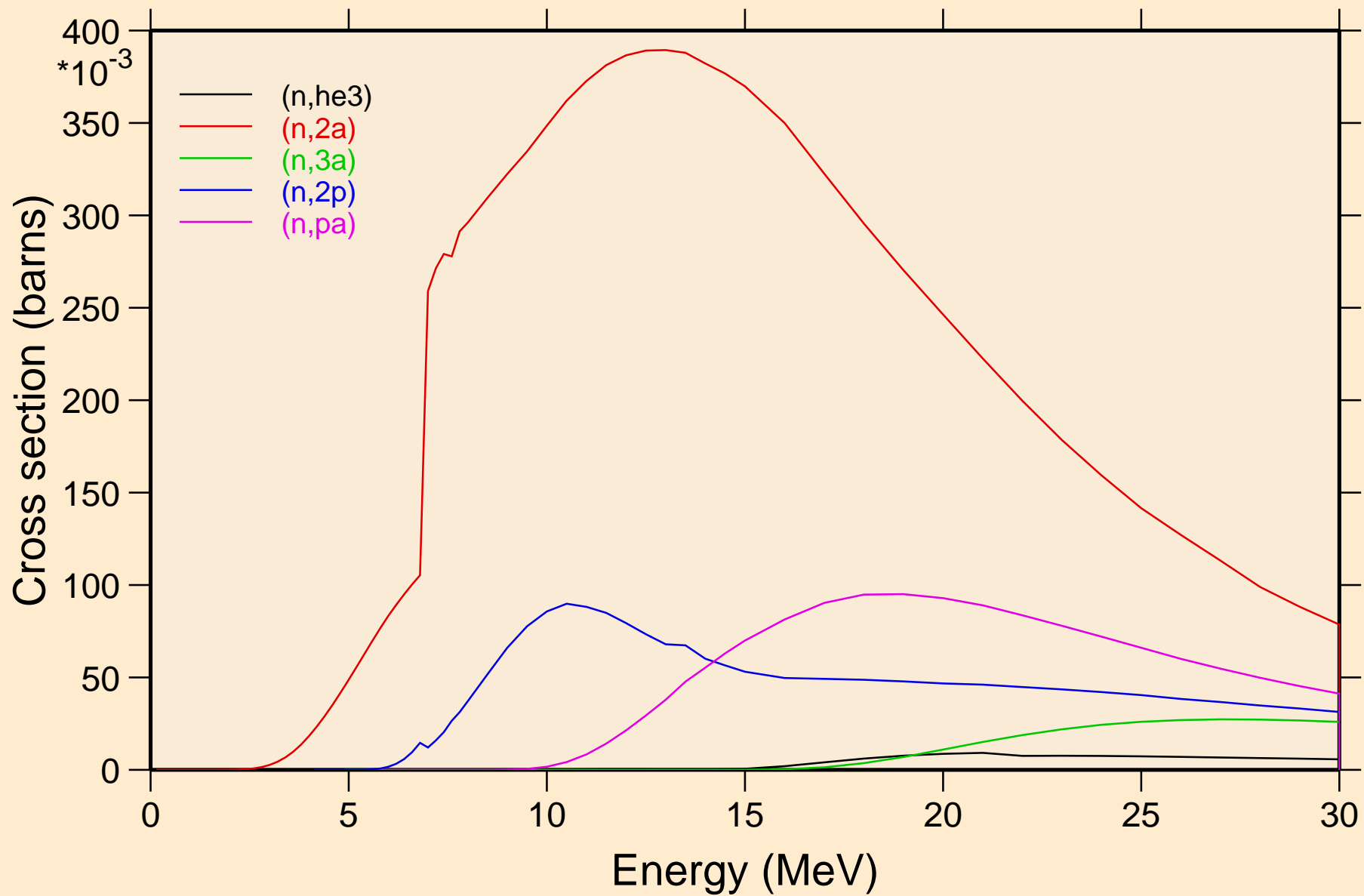
# MG023 NRG TENDL-2015, AKONING

## Threshold reactions



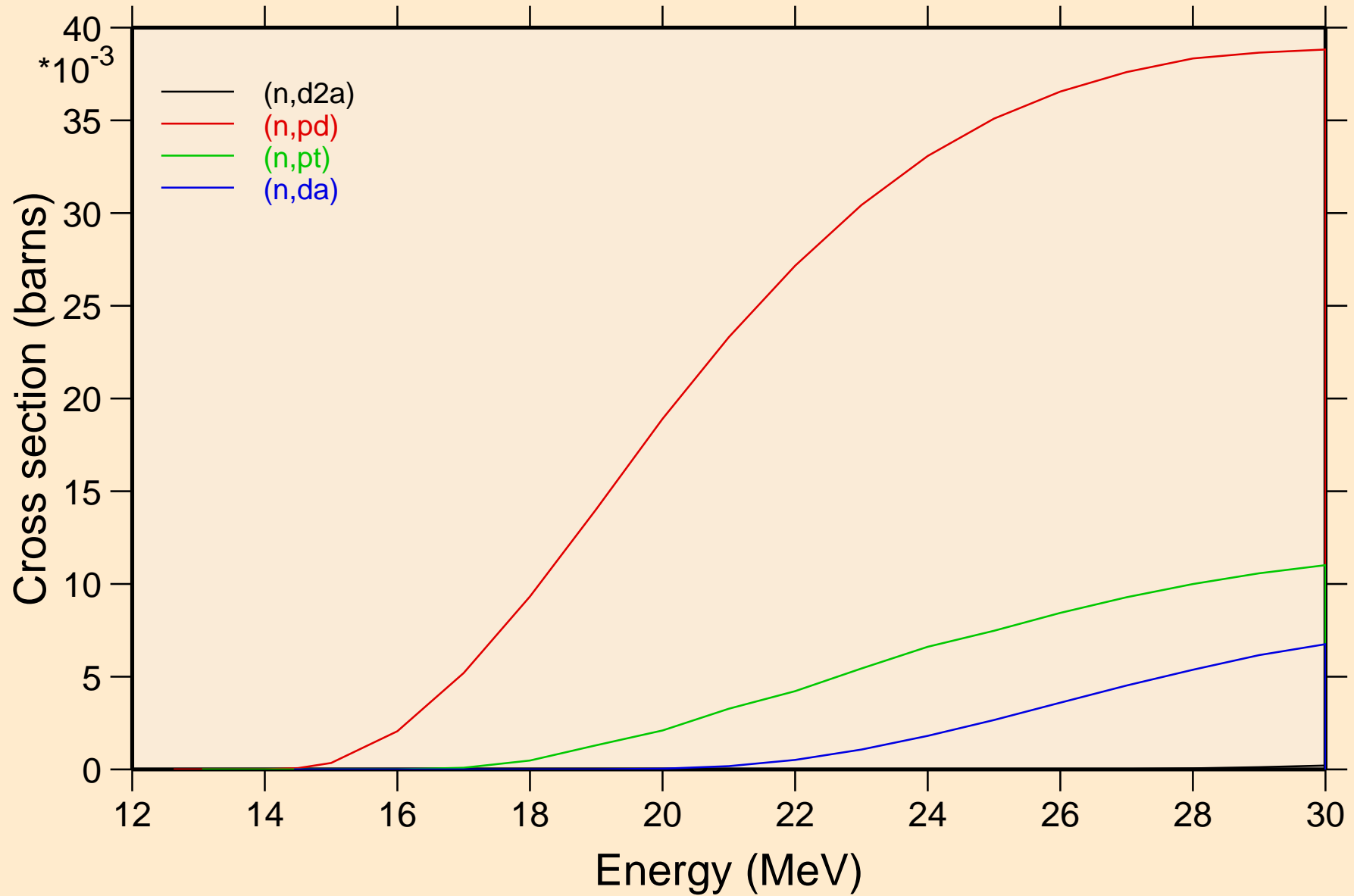
# MG023 NRG TENDL-2015, AKONING

## Threshold reactions

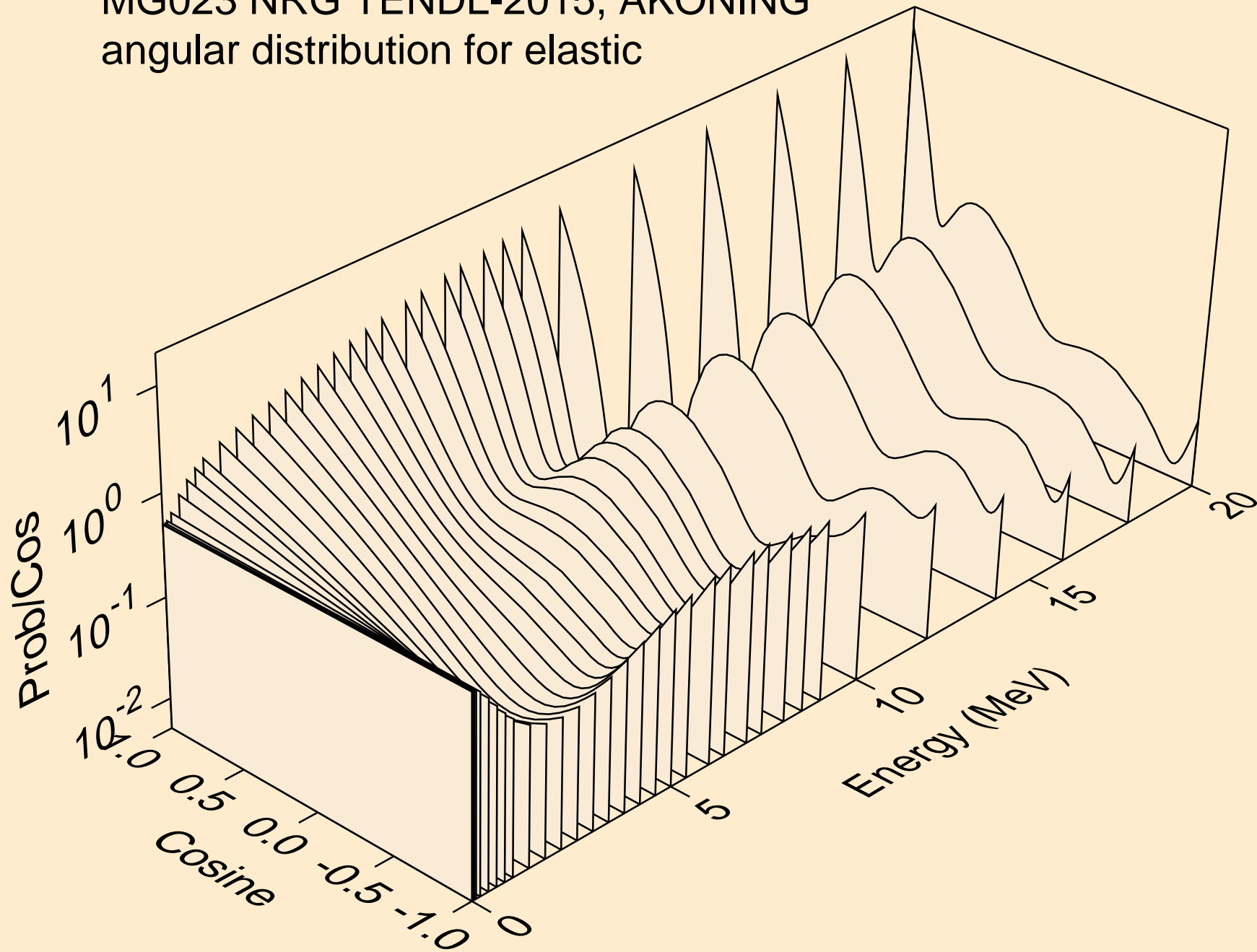


# MG023 NRG TENDL-2015, AKONING

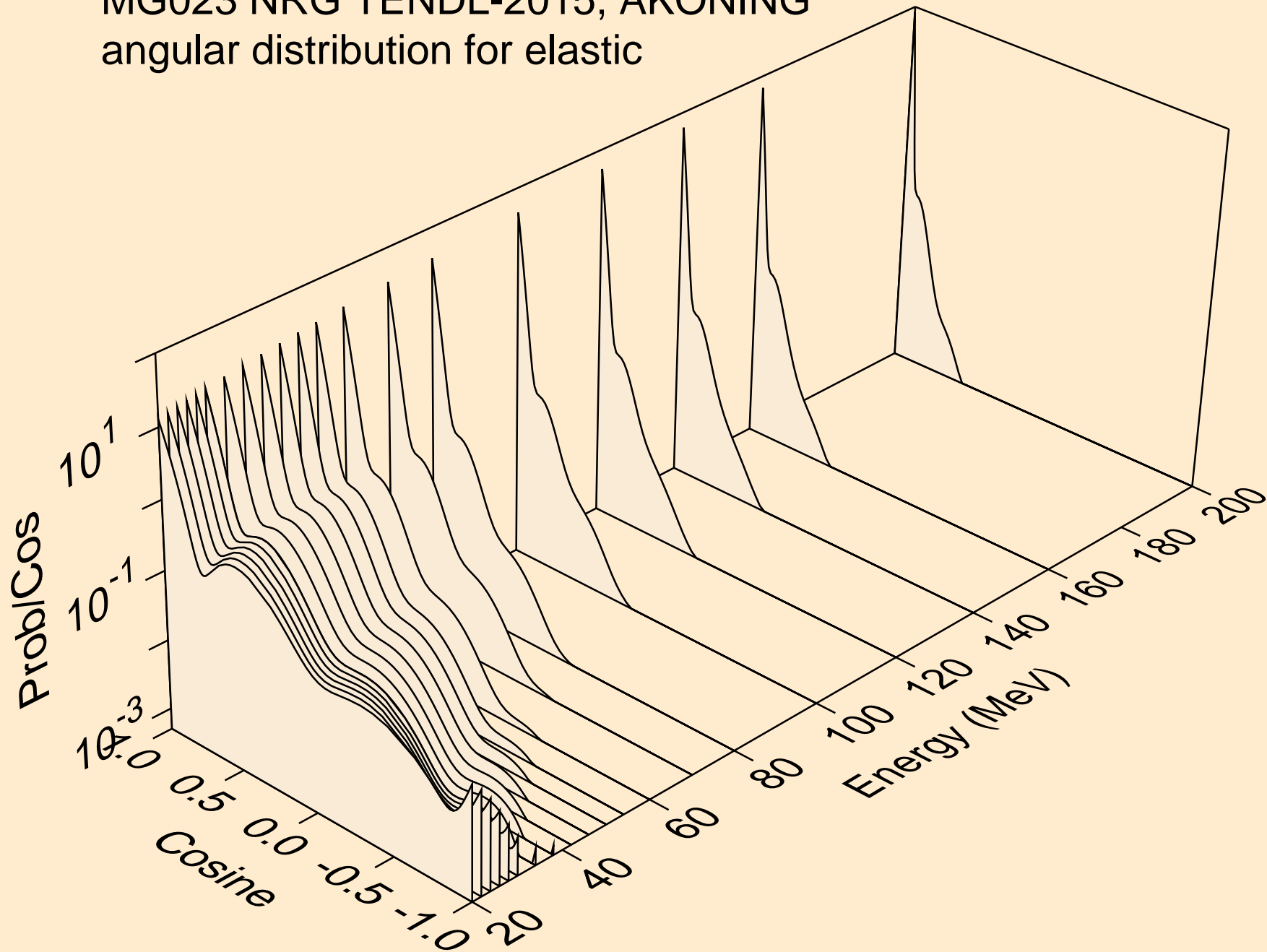
## Threshold reactions



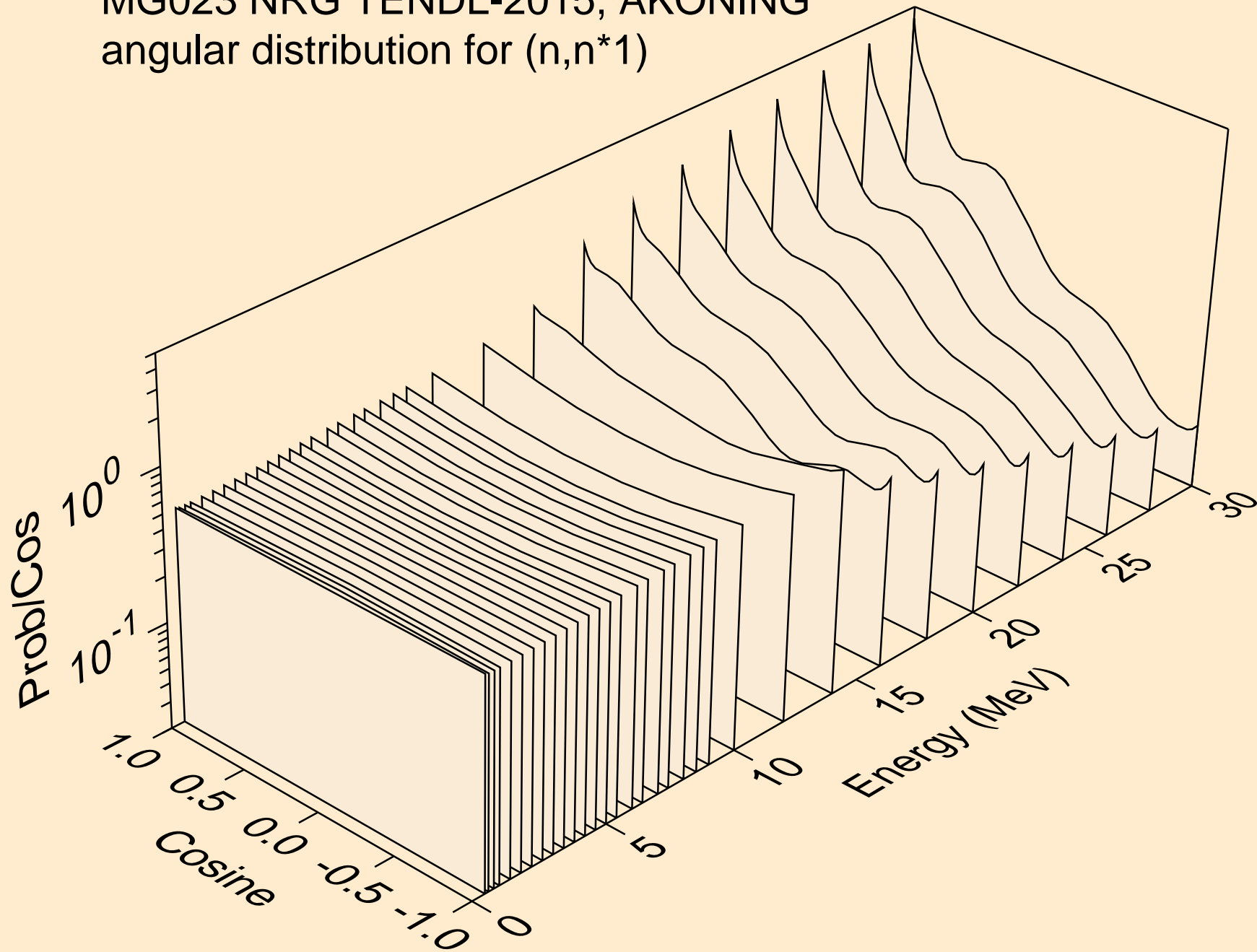
MG023 NRG TENDL-2015, AKONING  
angular distribution for elastic



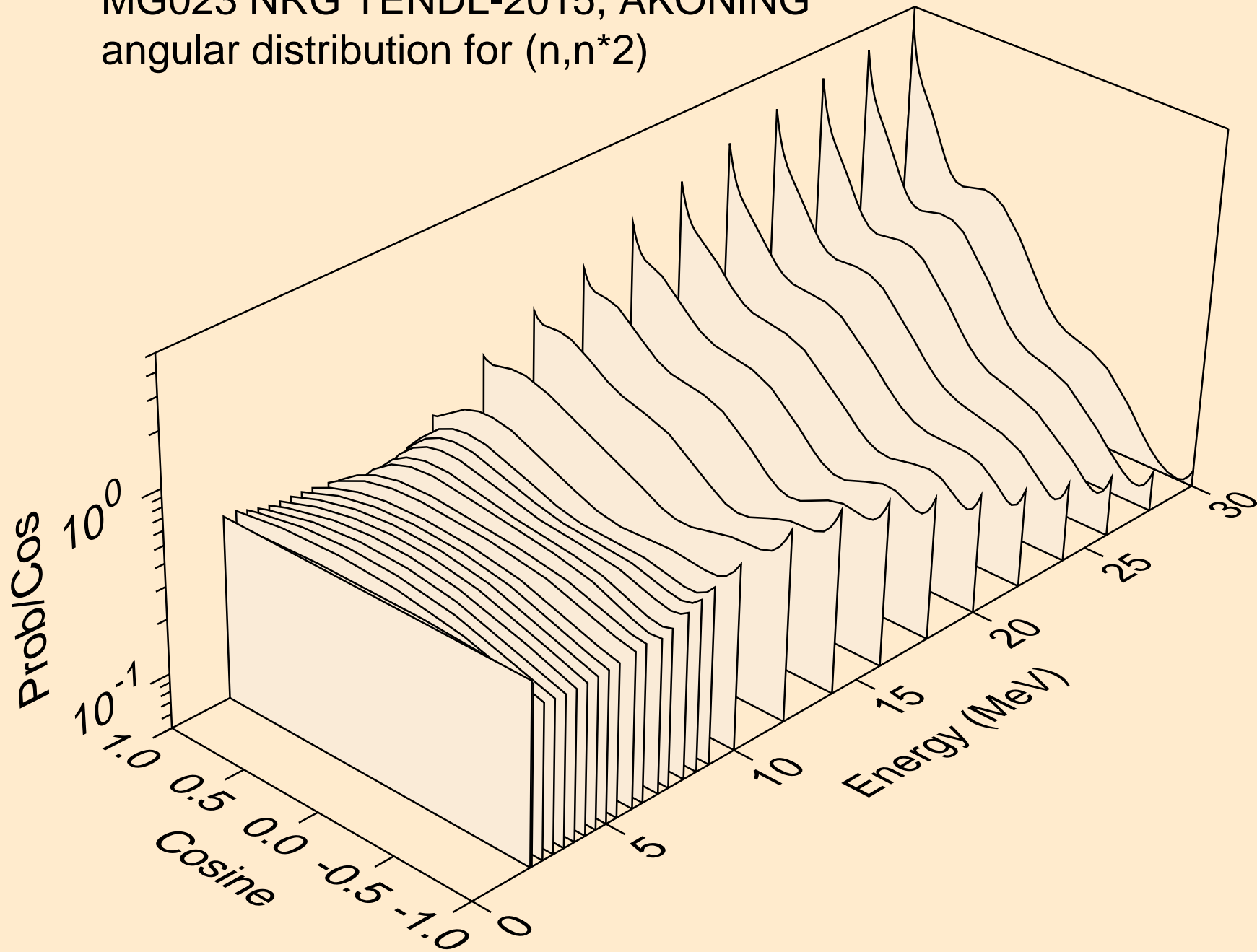
MG023 NRG TENDL-2015, AKONING  
angular distribution for elastic



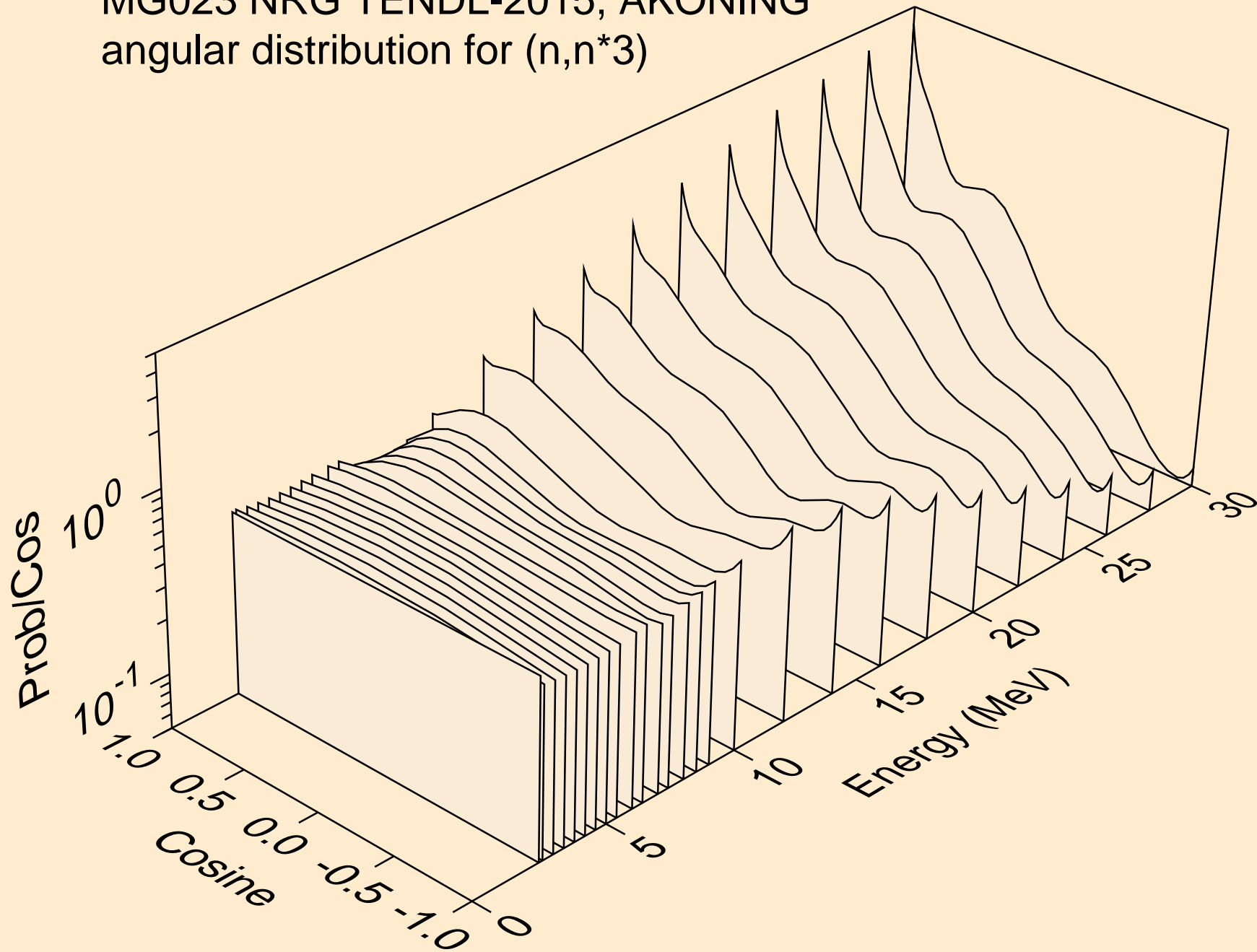
MG023 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



MG023 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

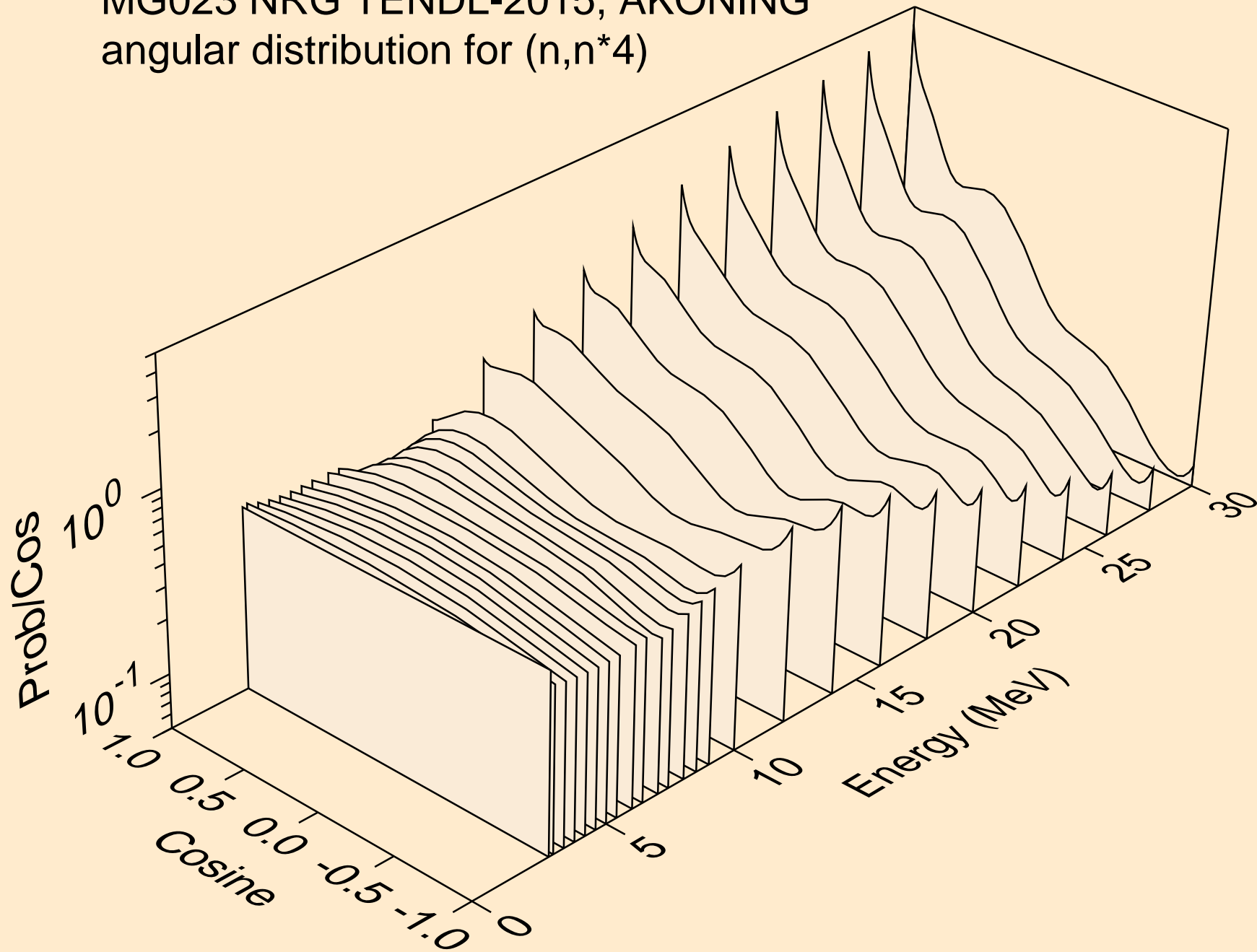


MG023 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

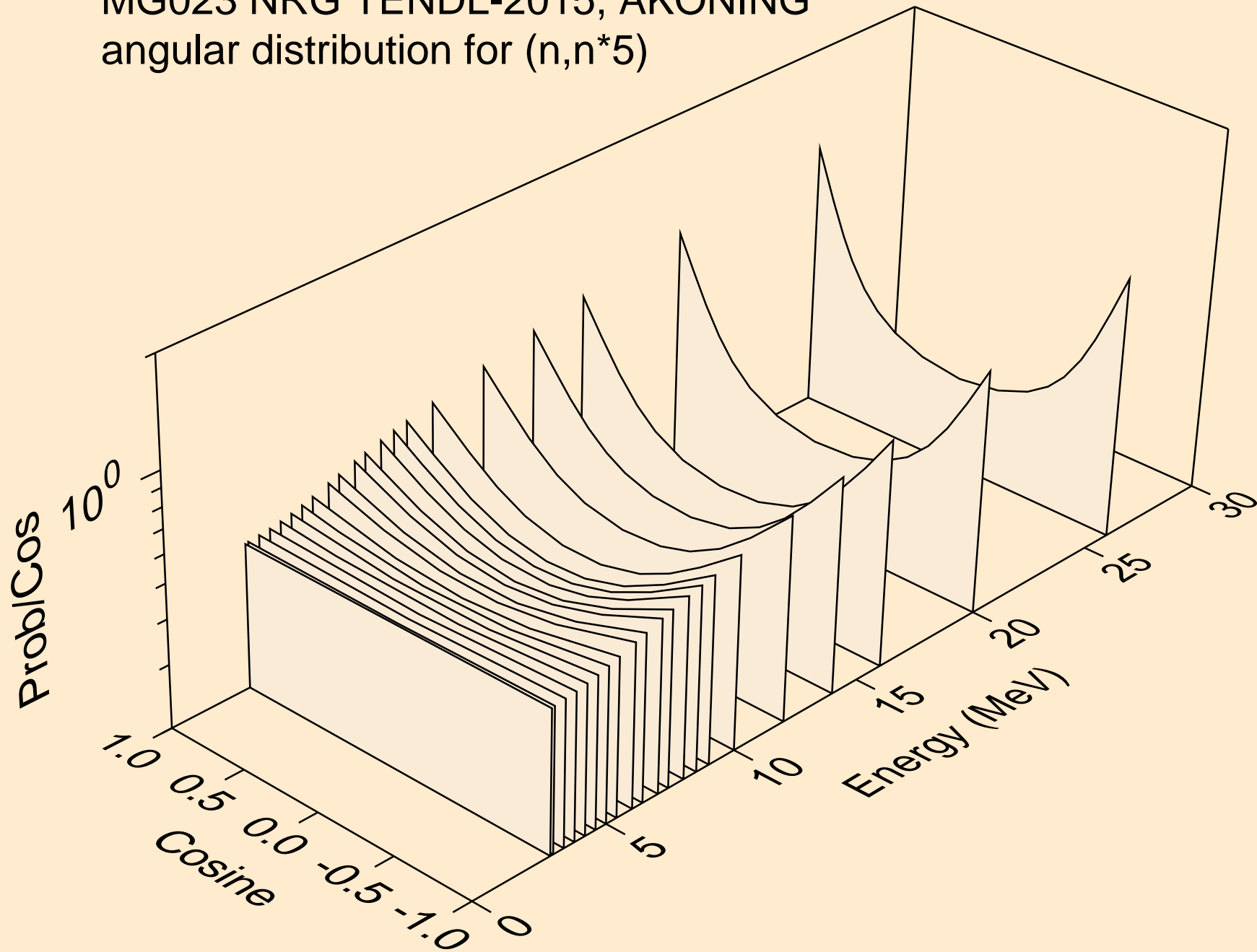




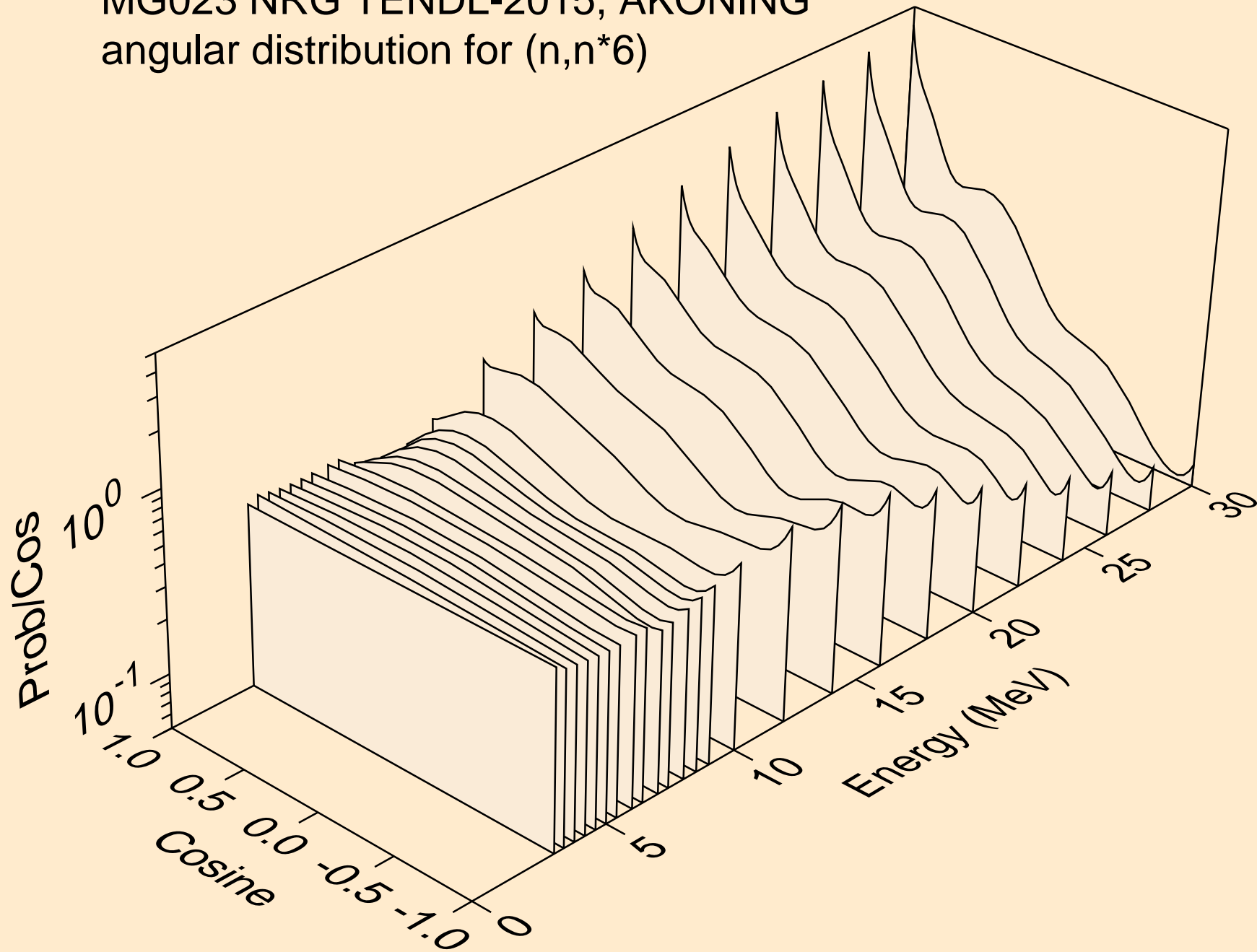
MG023 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



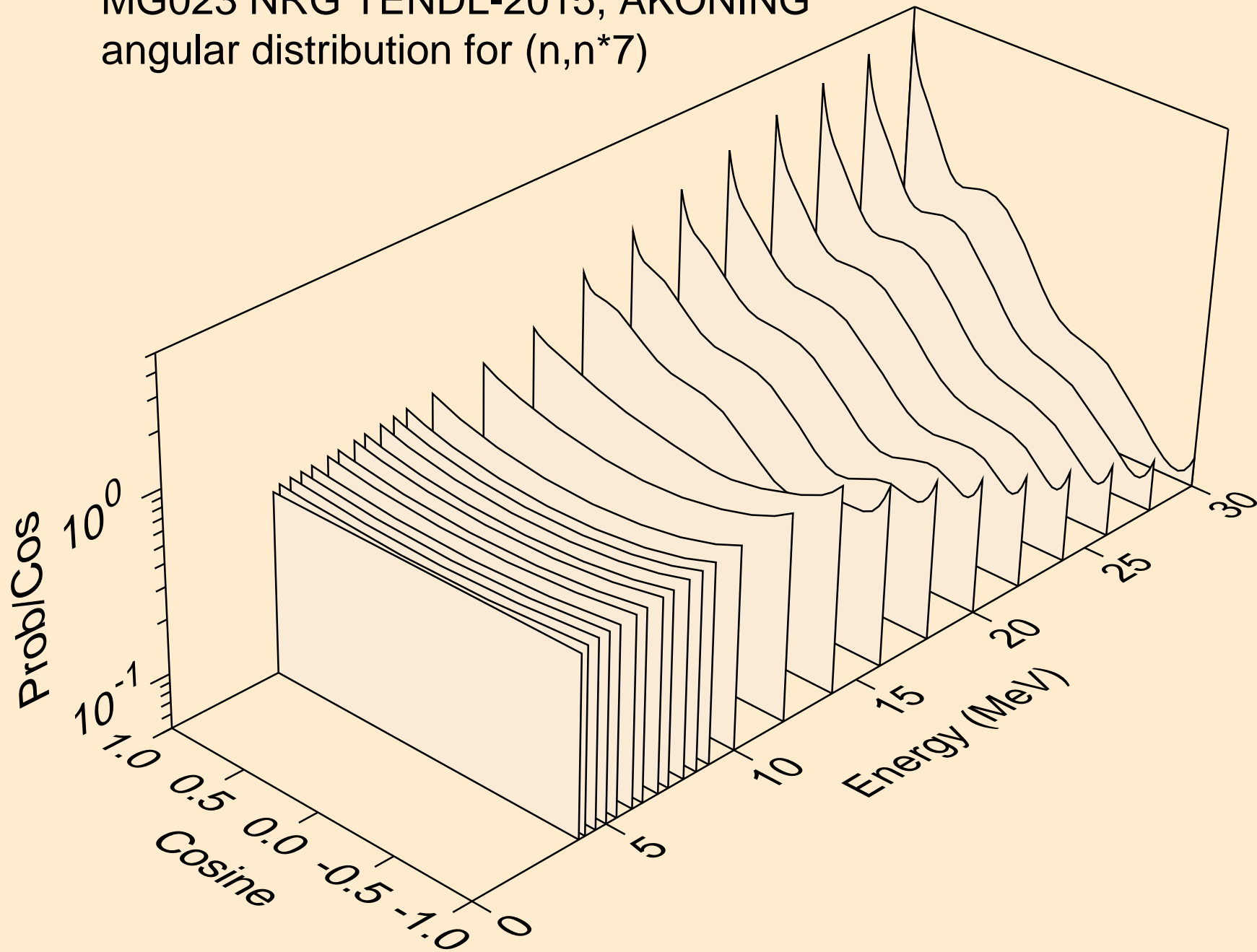
MG023 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



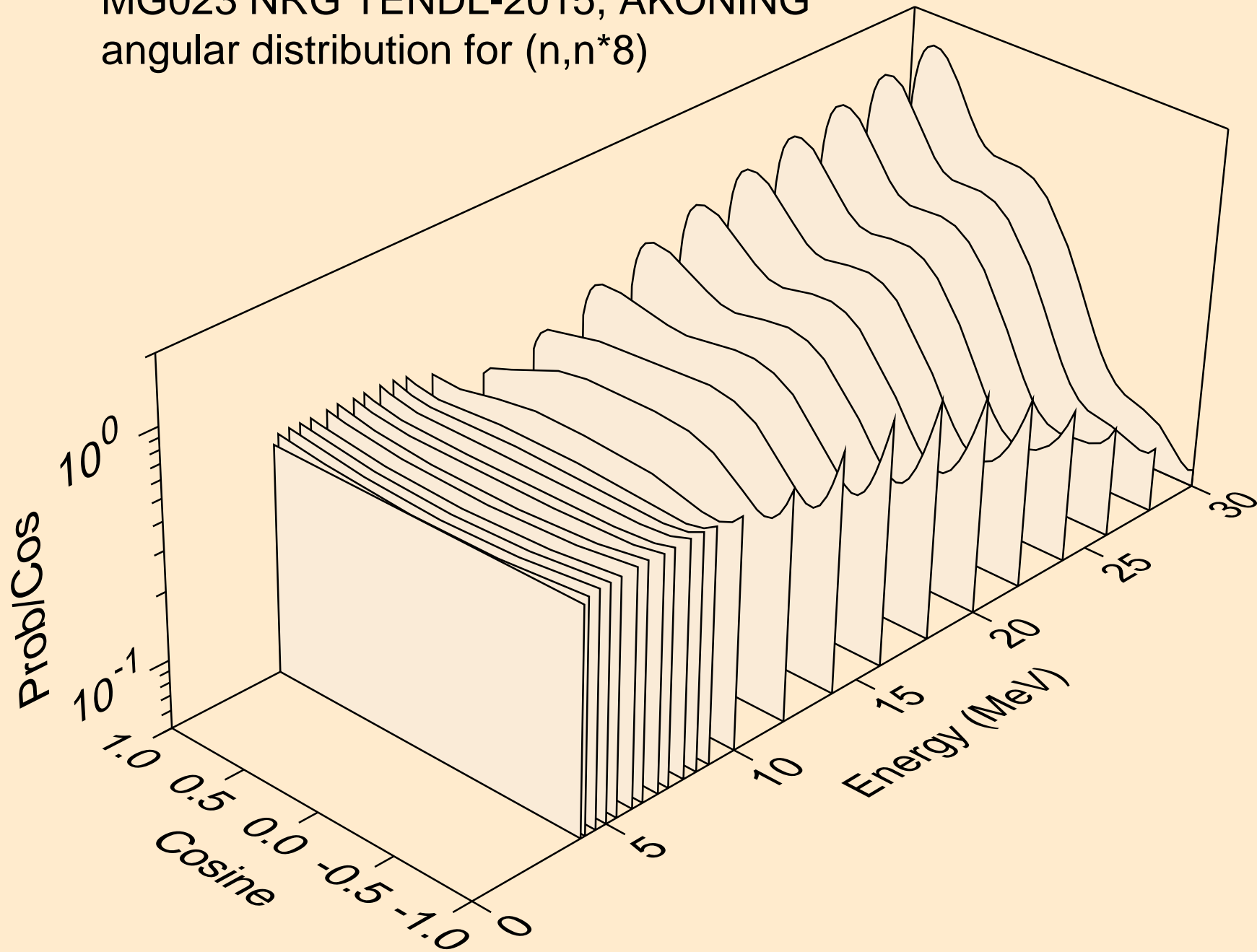
MG023 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



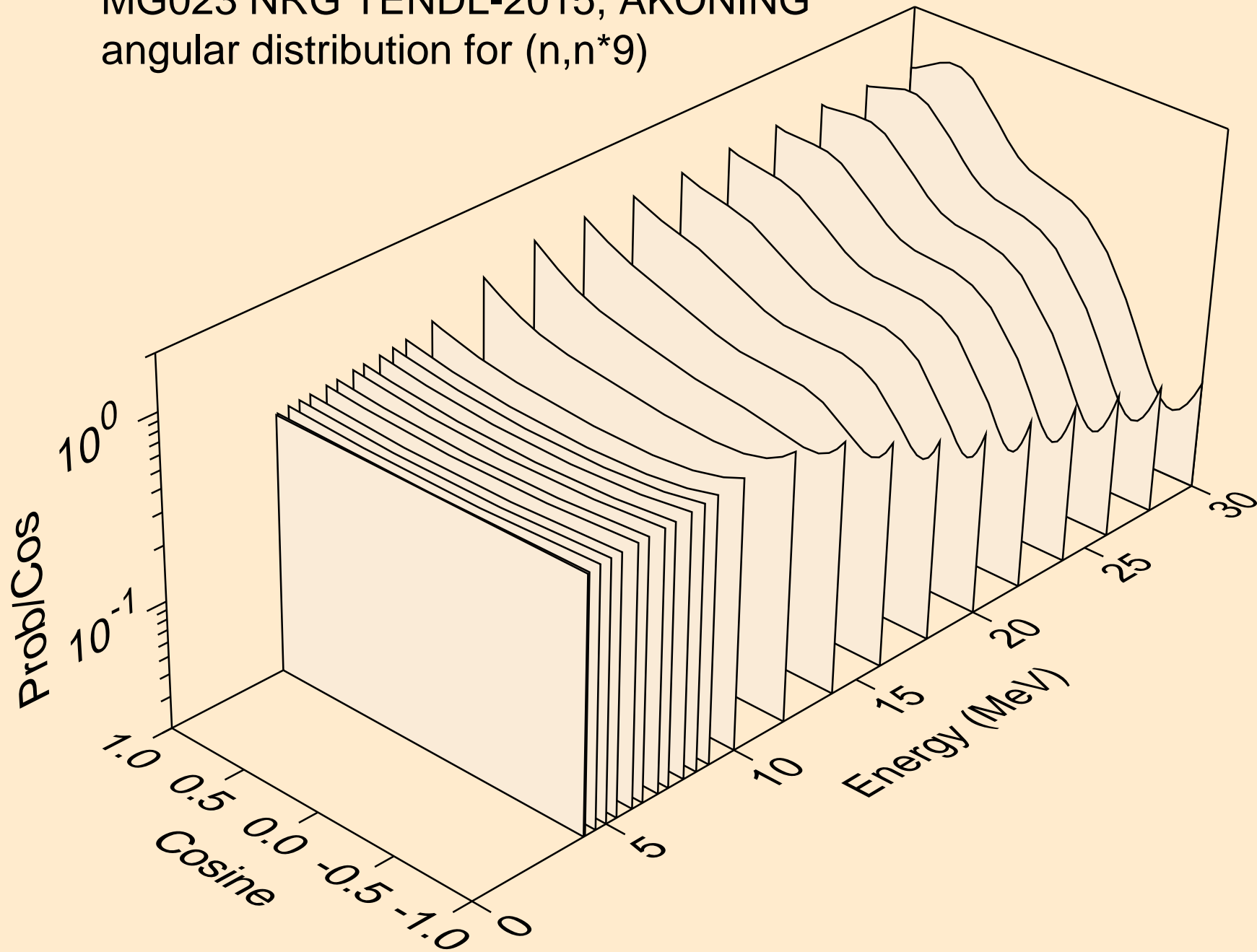
MG023 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



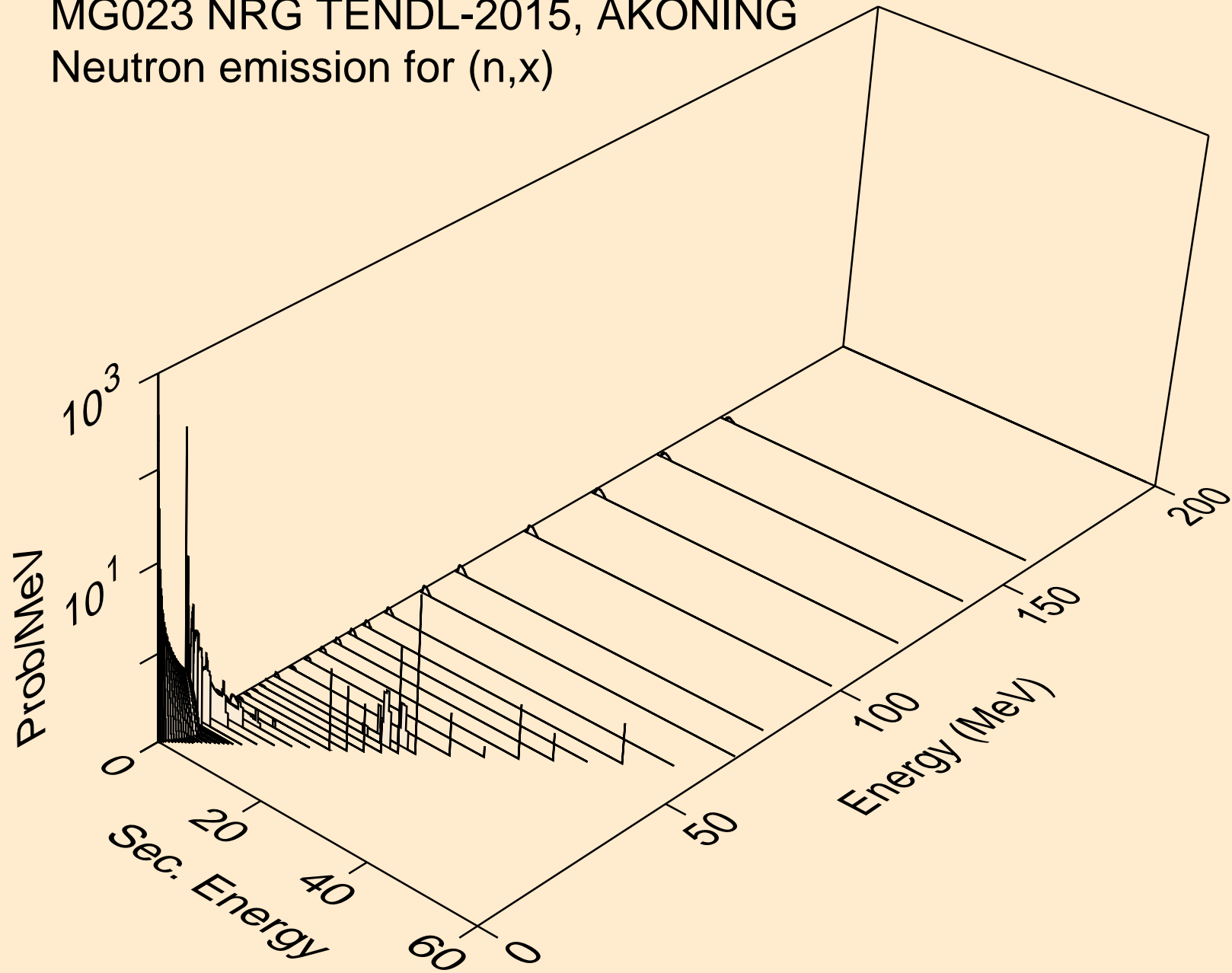
MG023 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



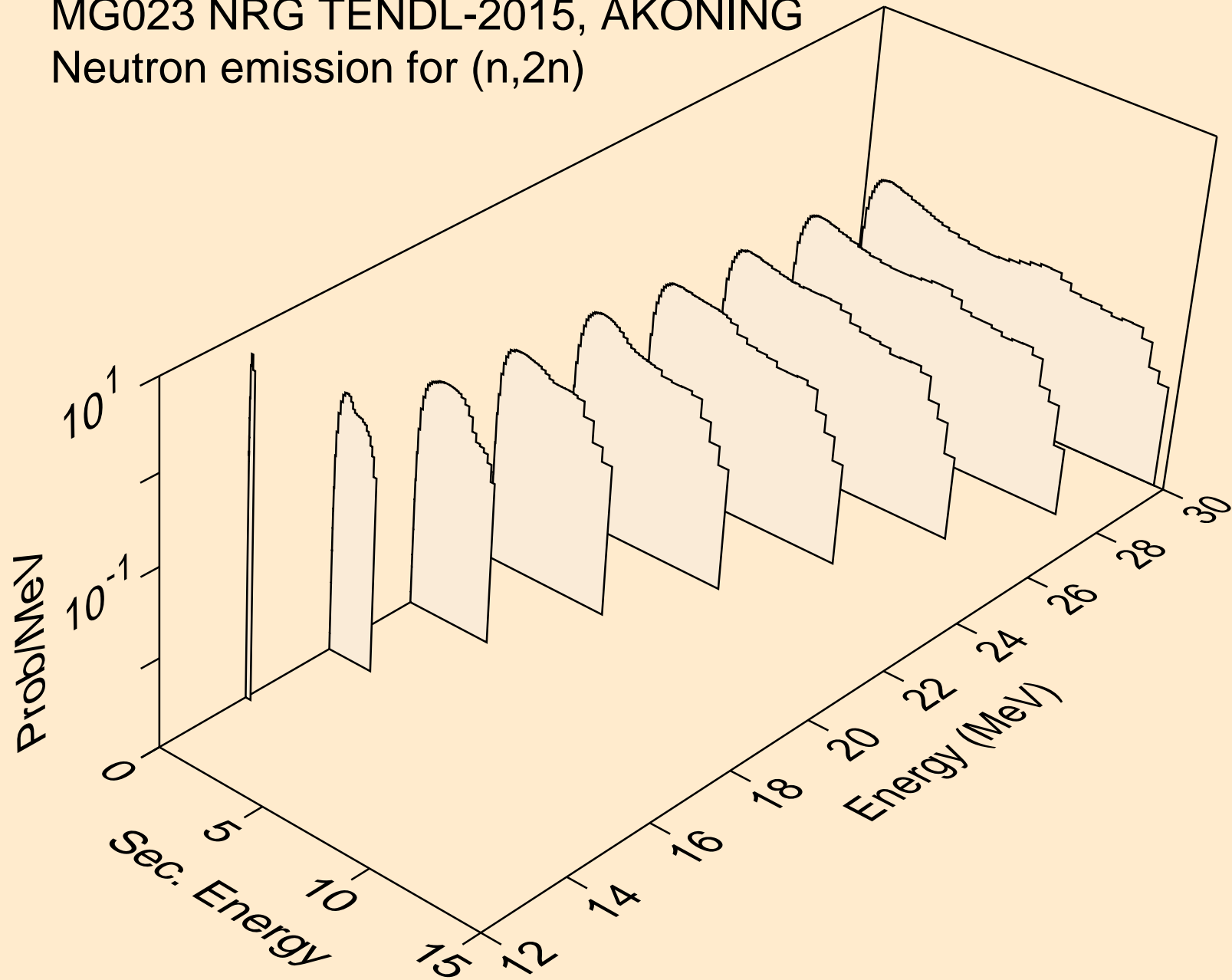
MG023 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

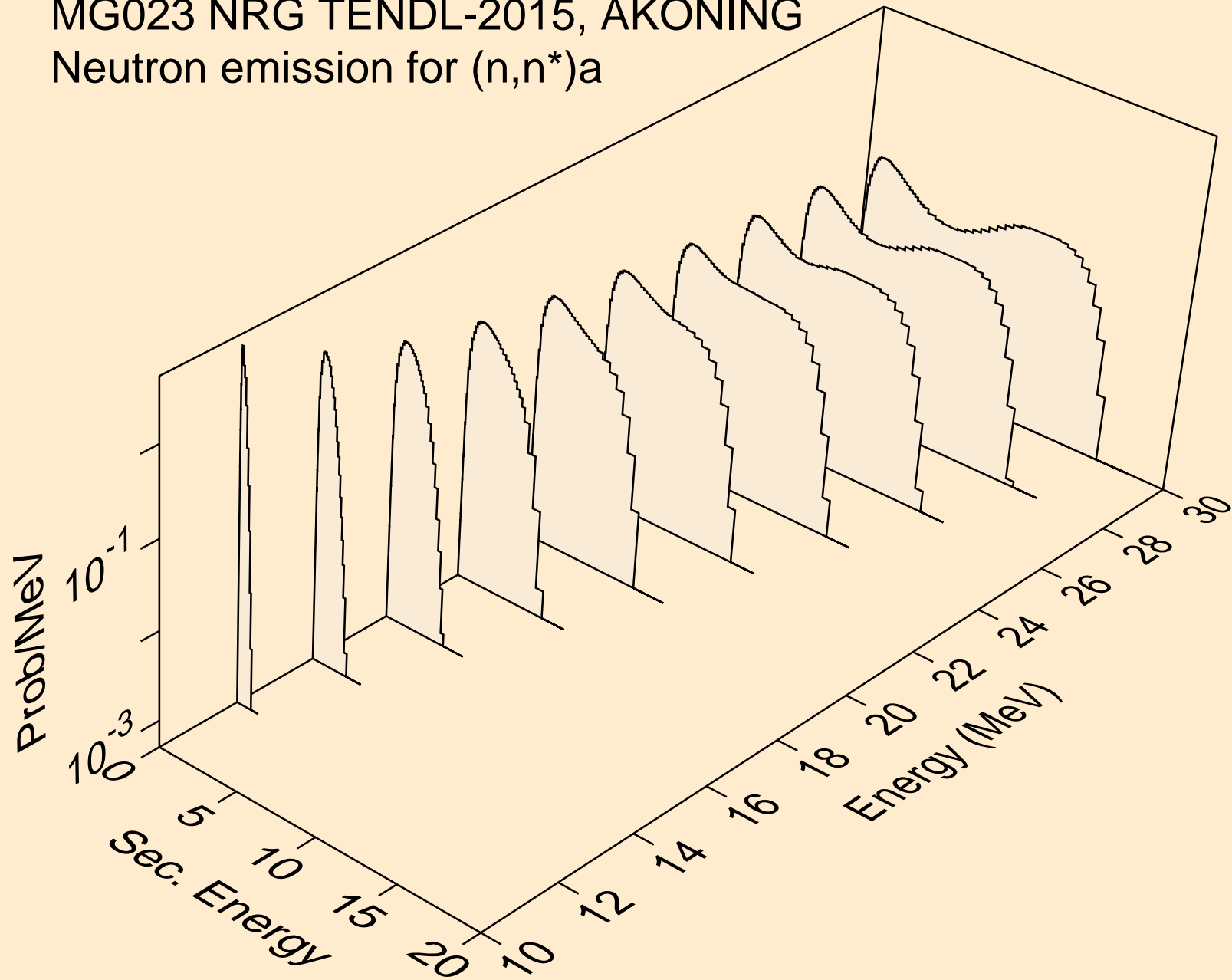


MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

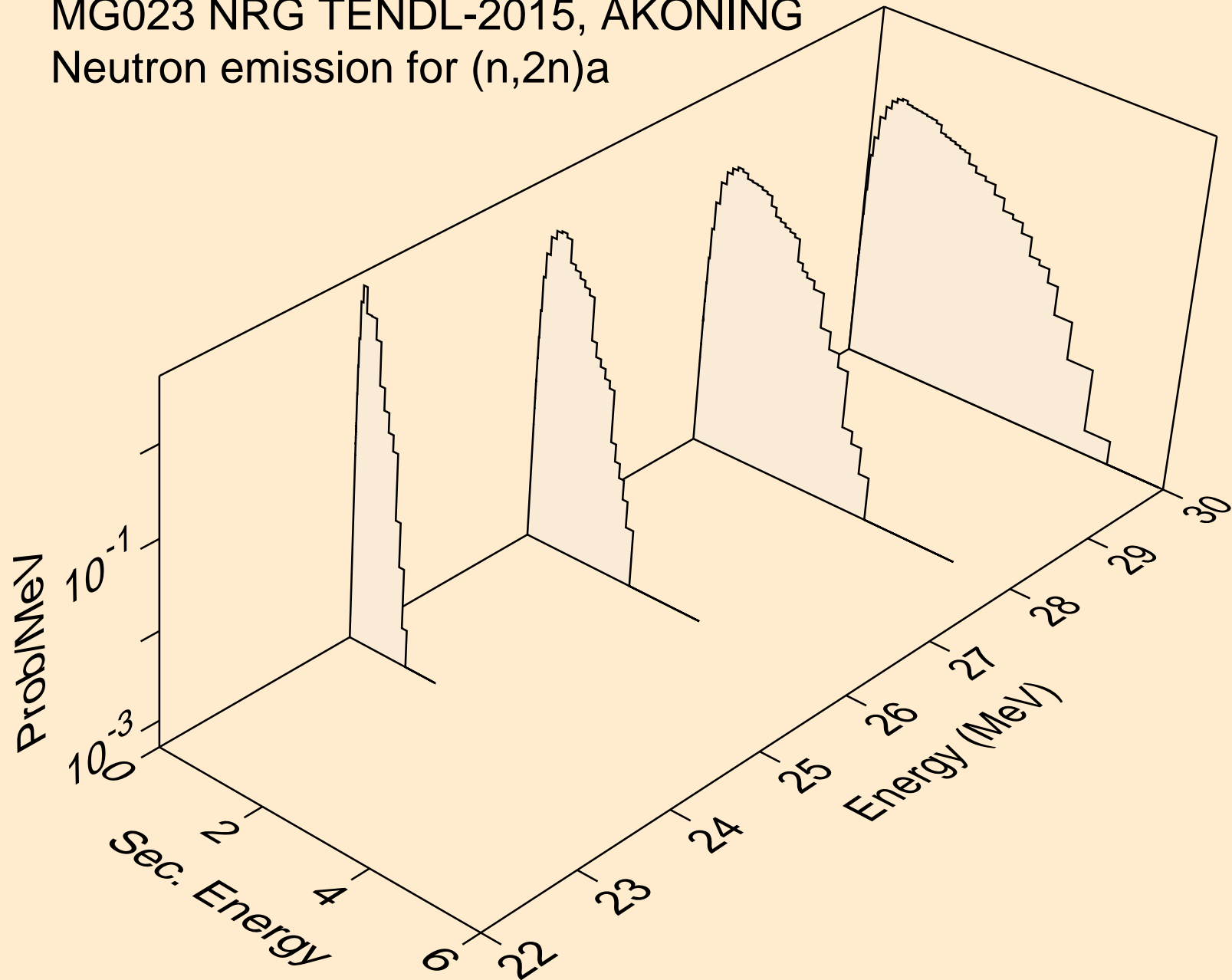




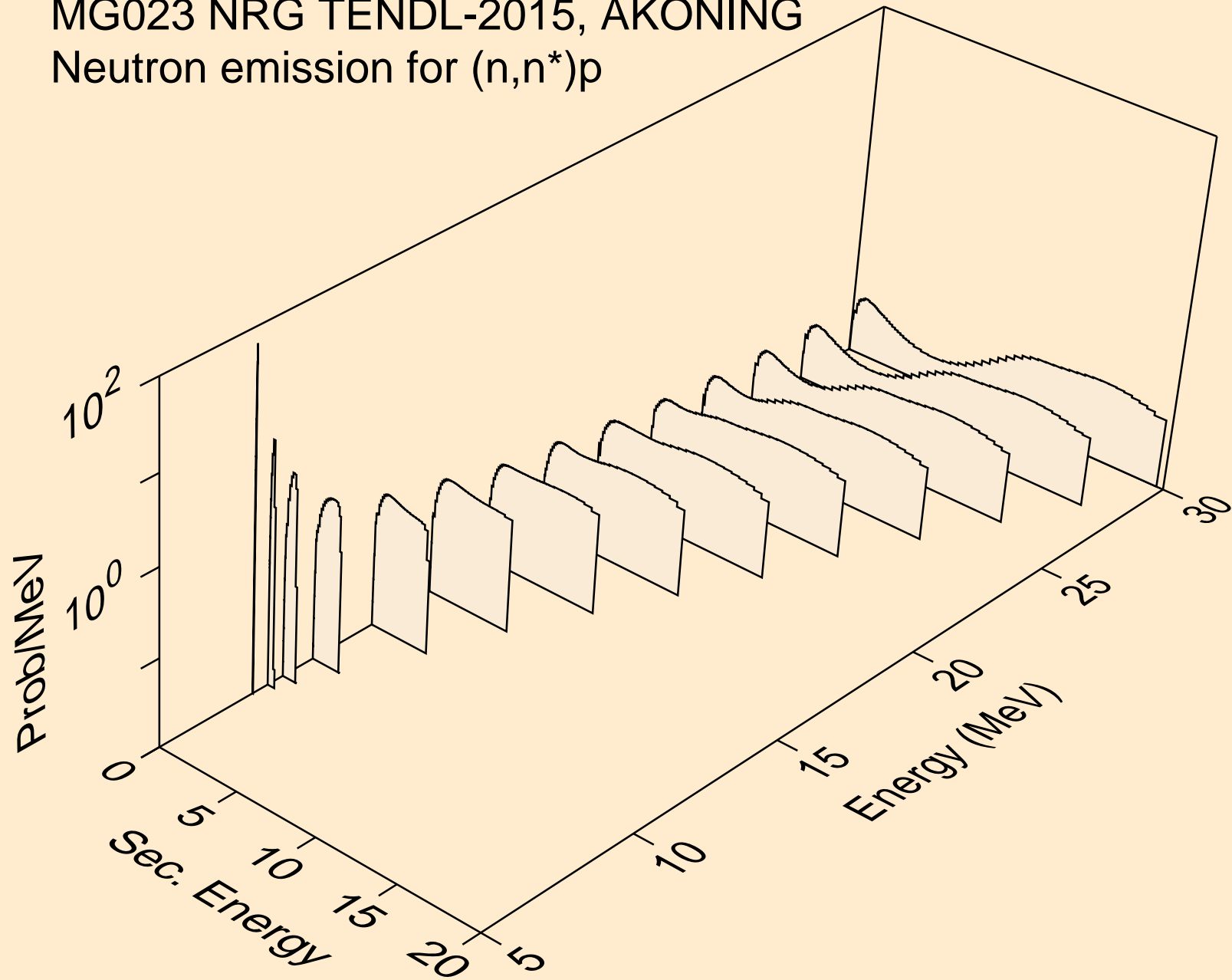
MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



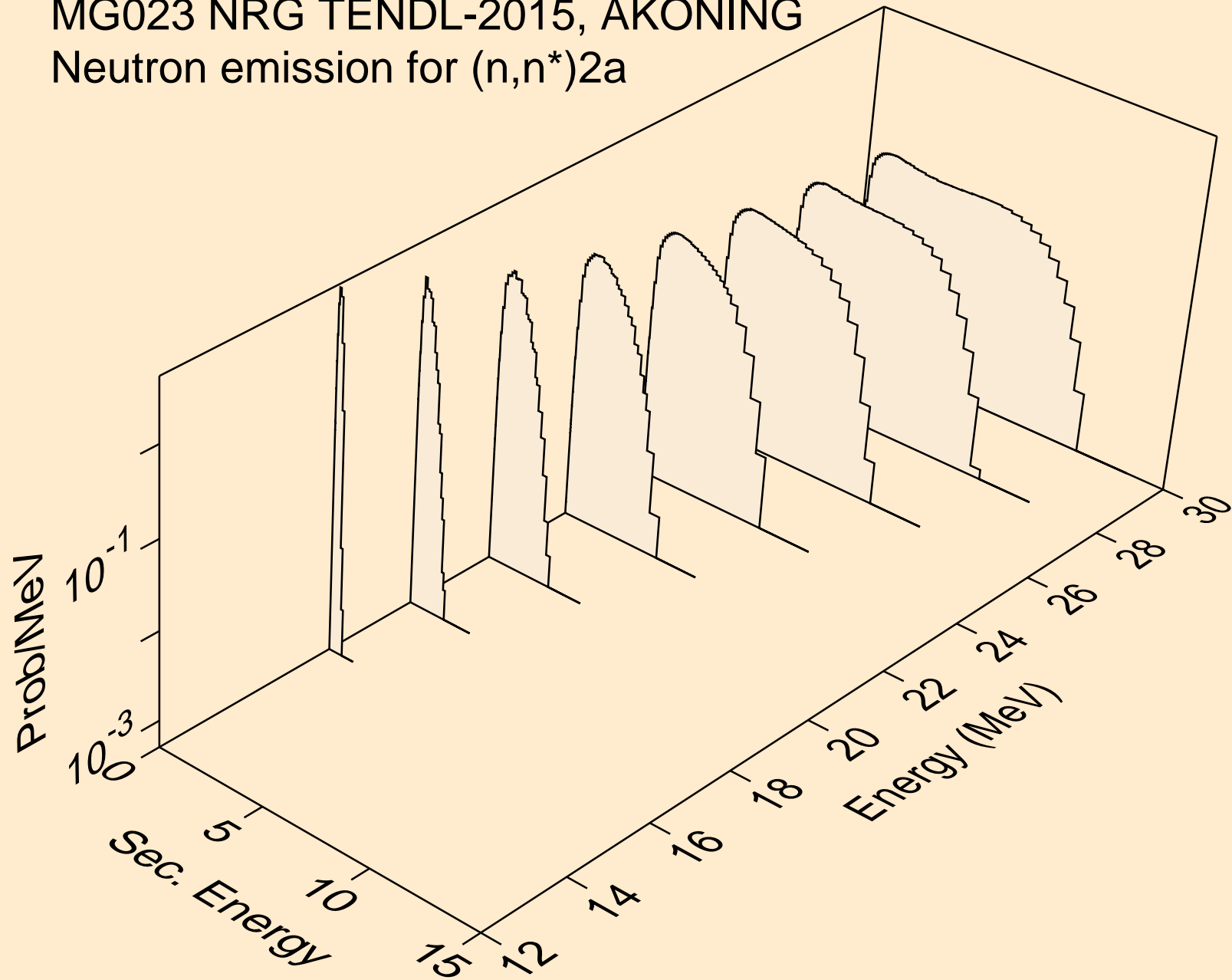
MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



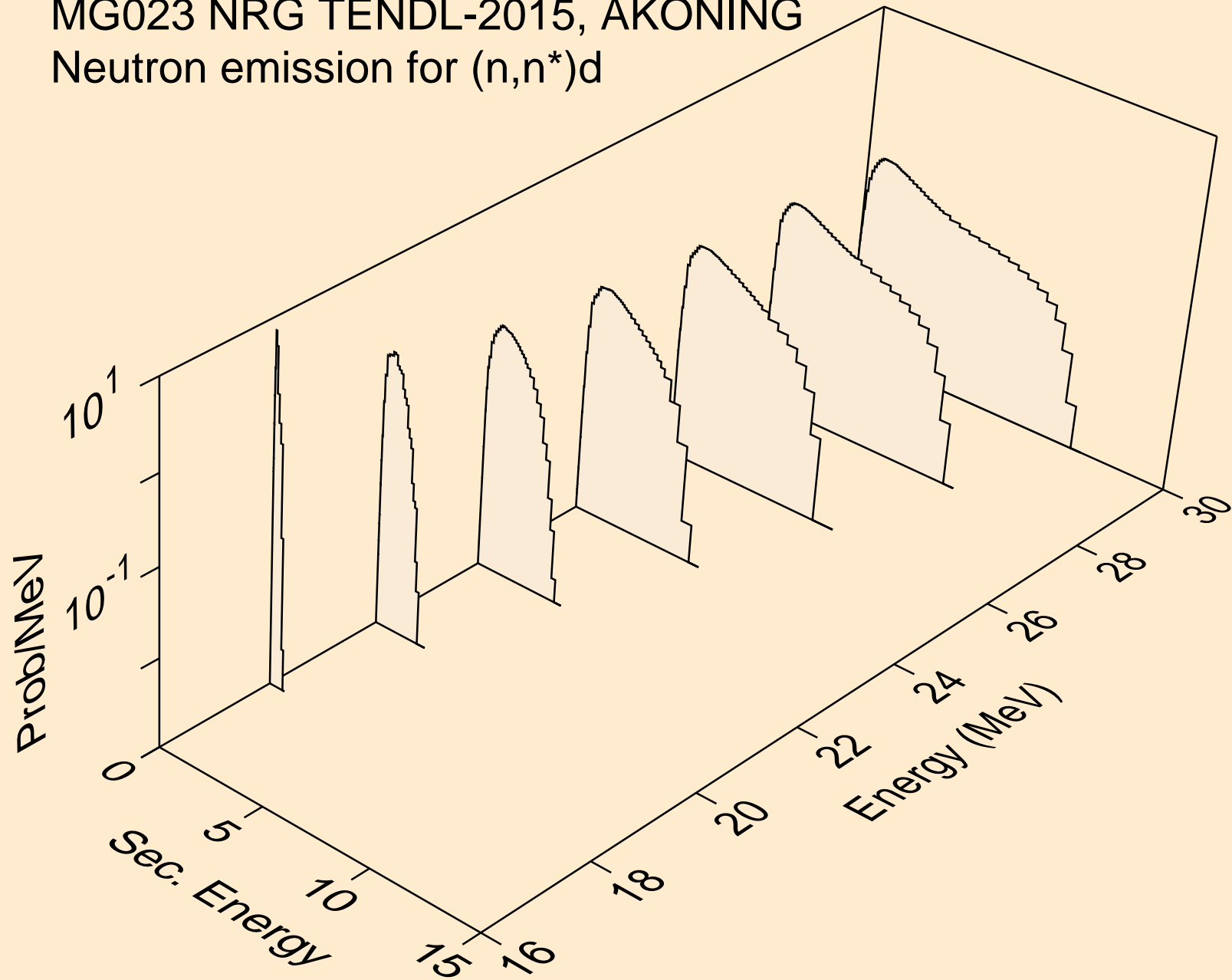
MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



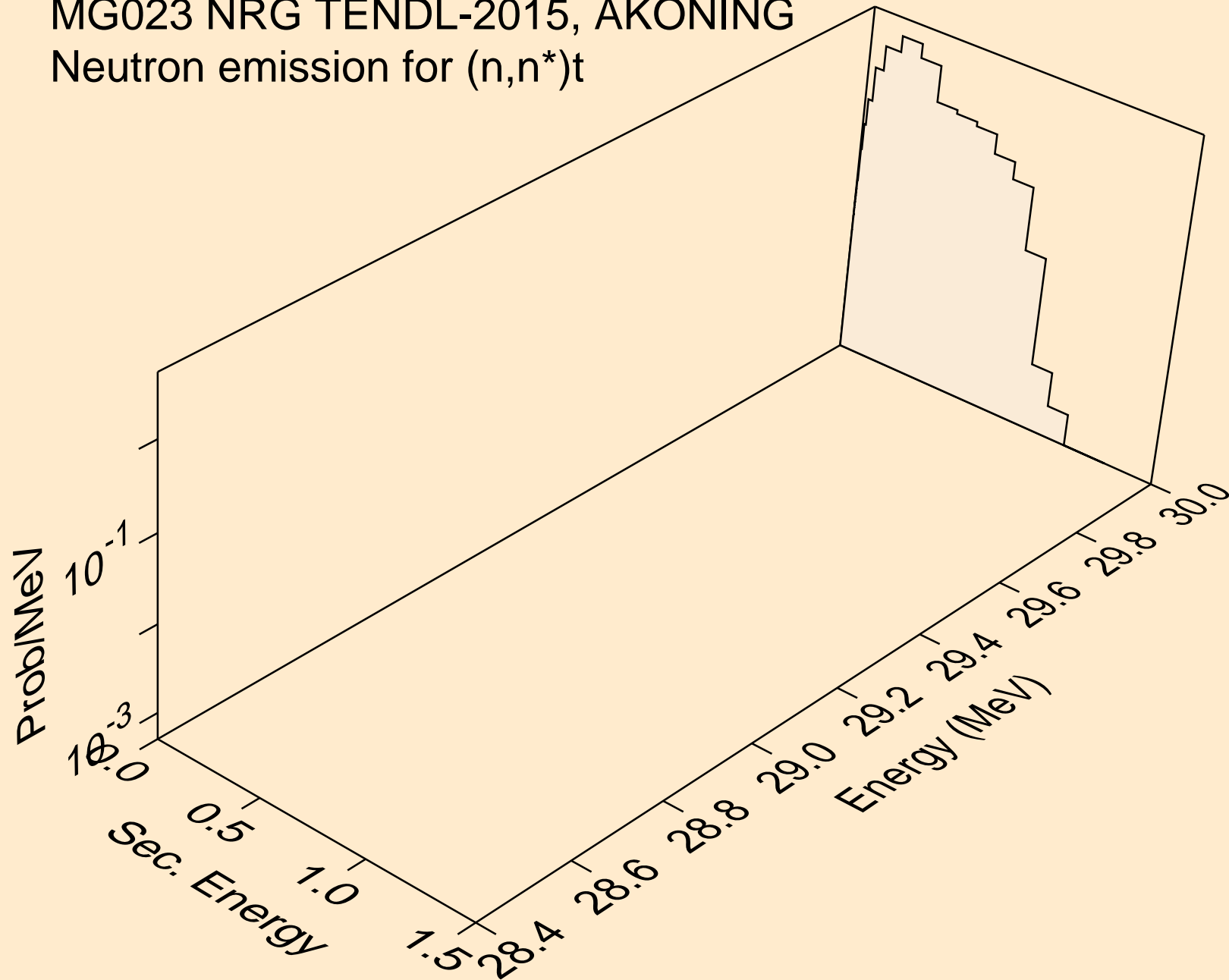
MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



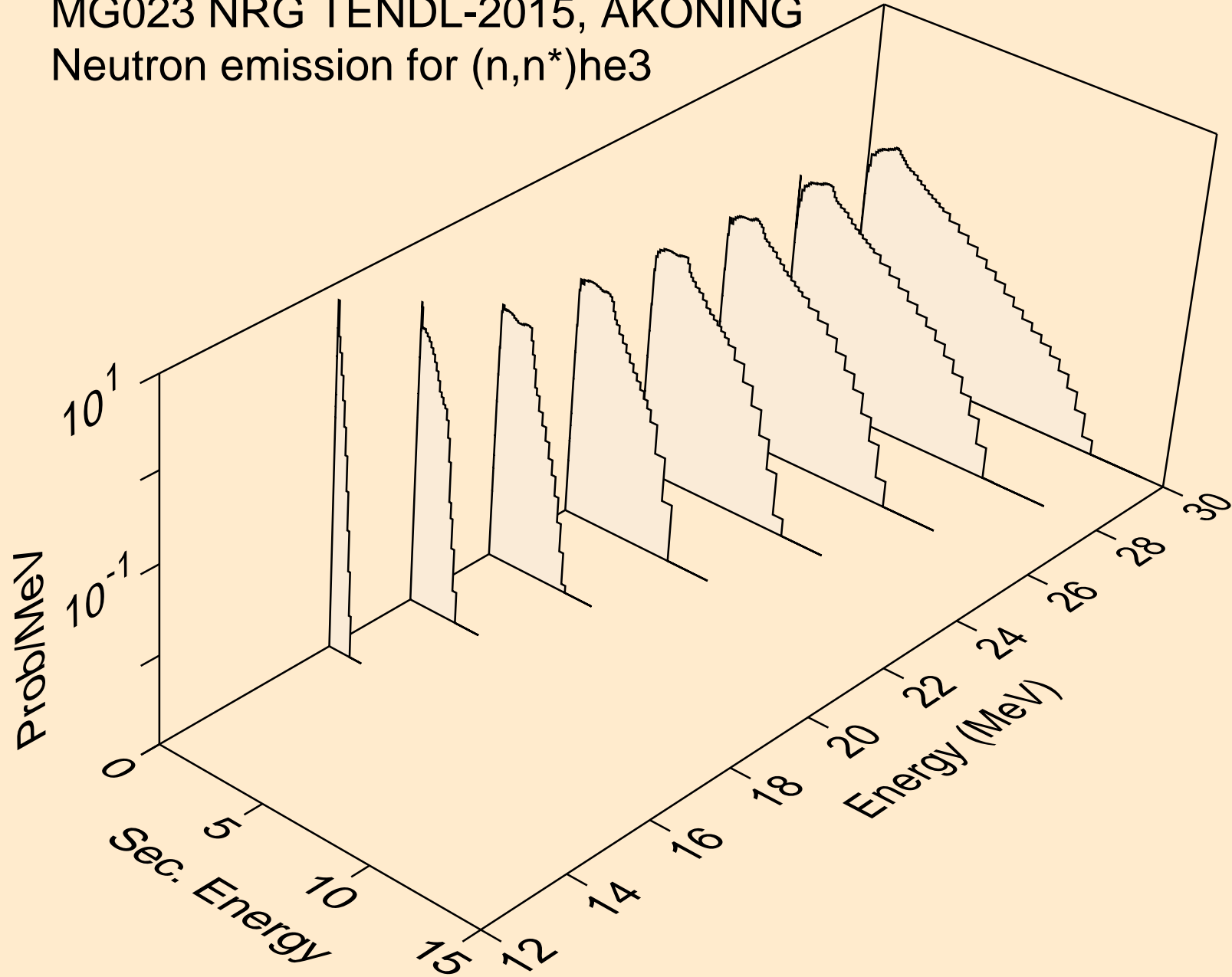
MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



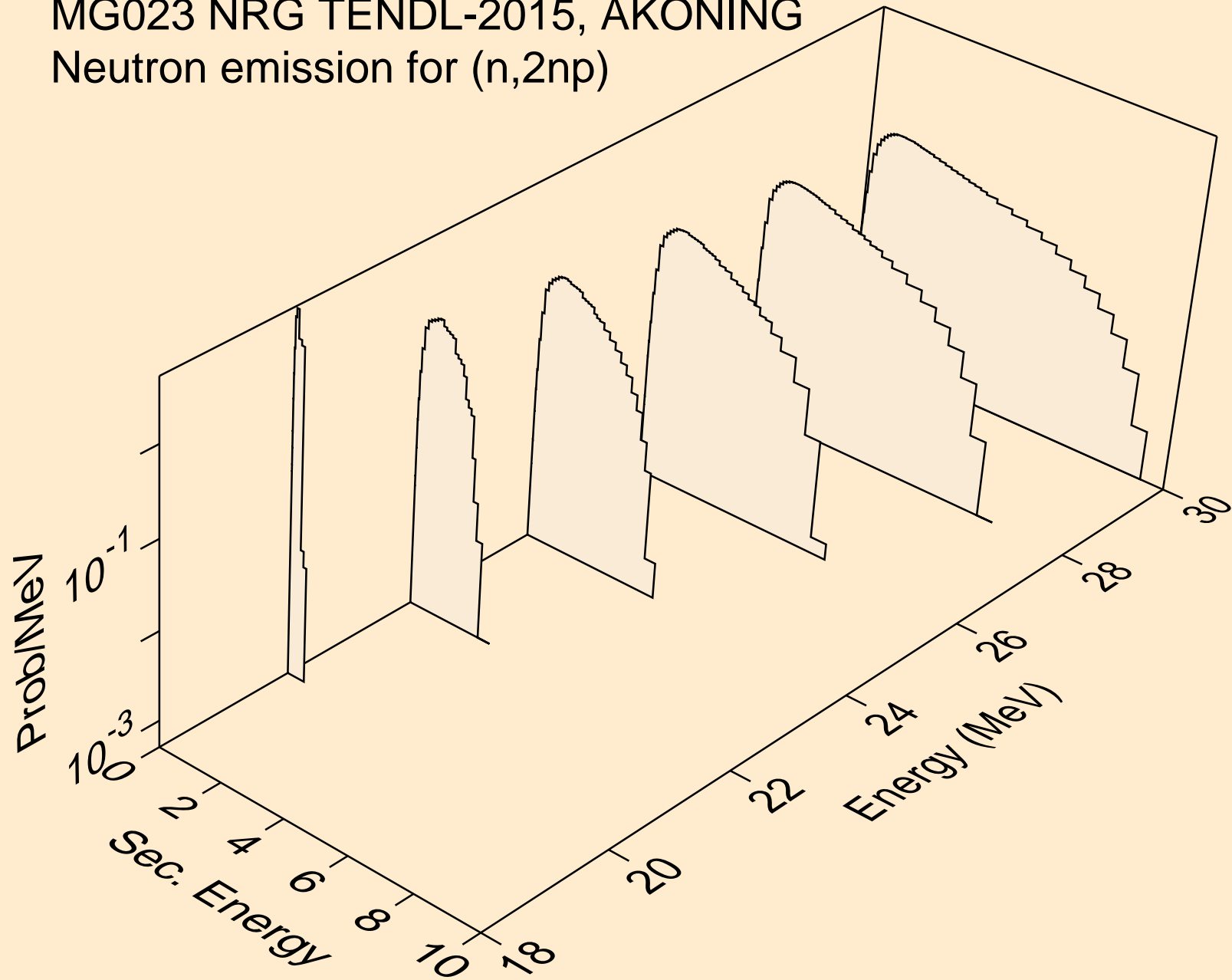
MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

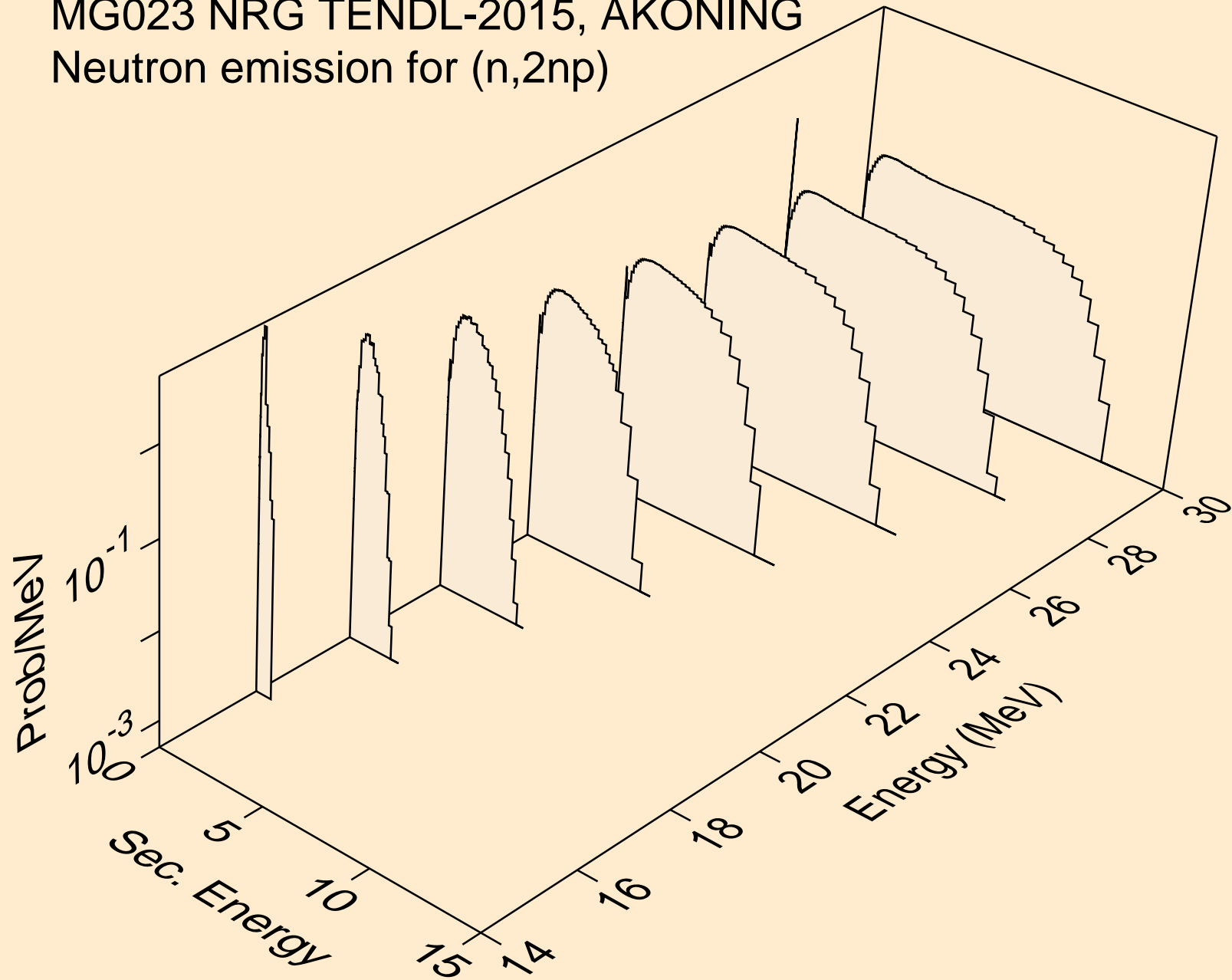


MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

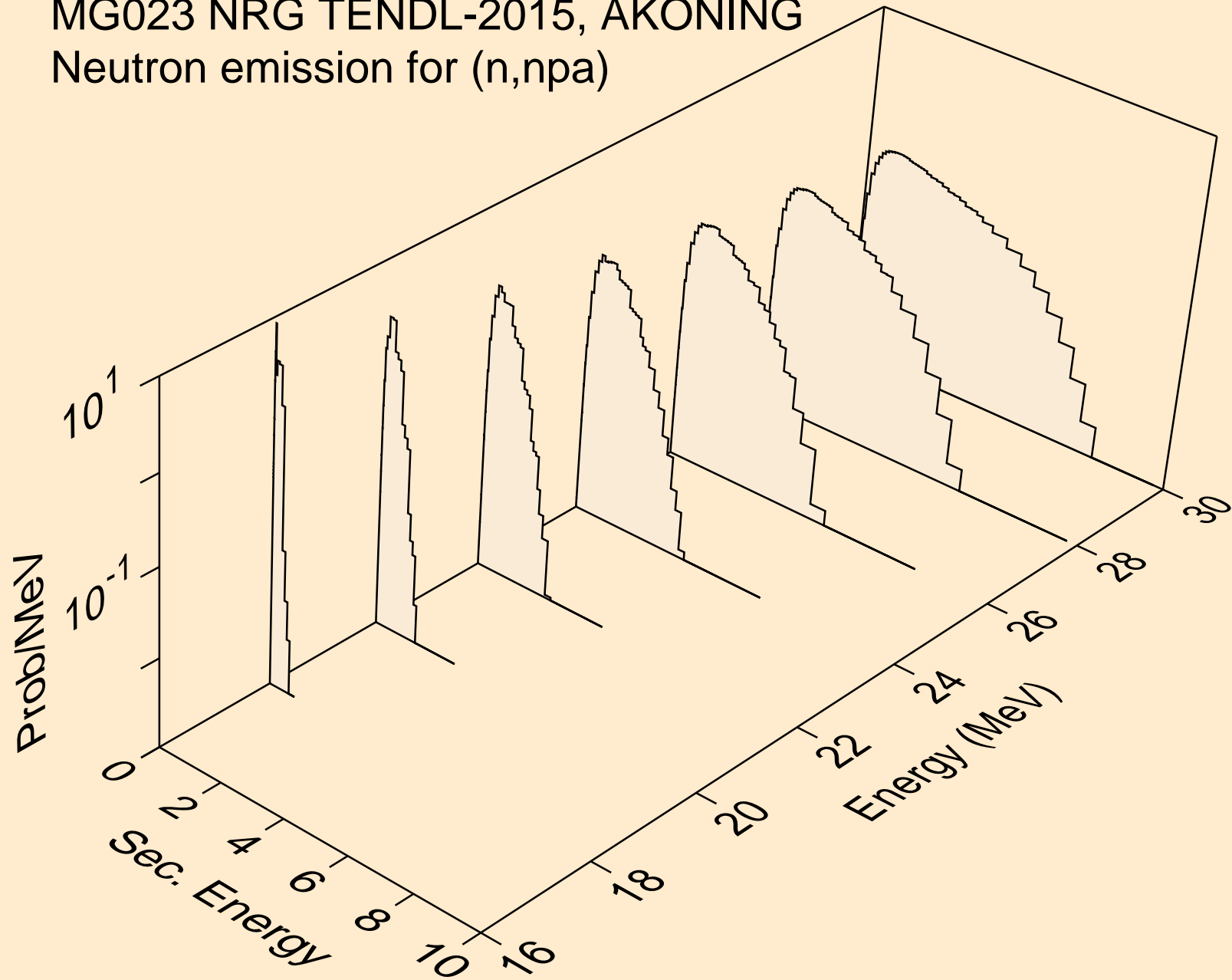




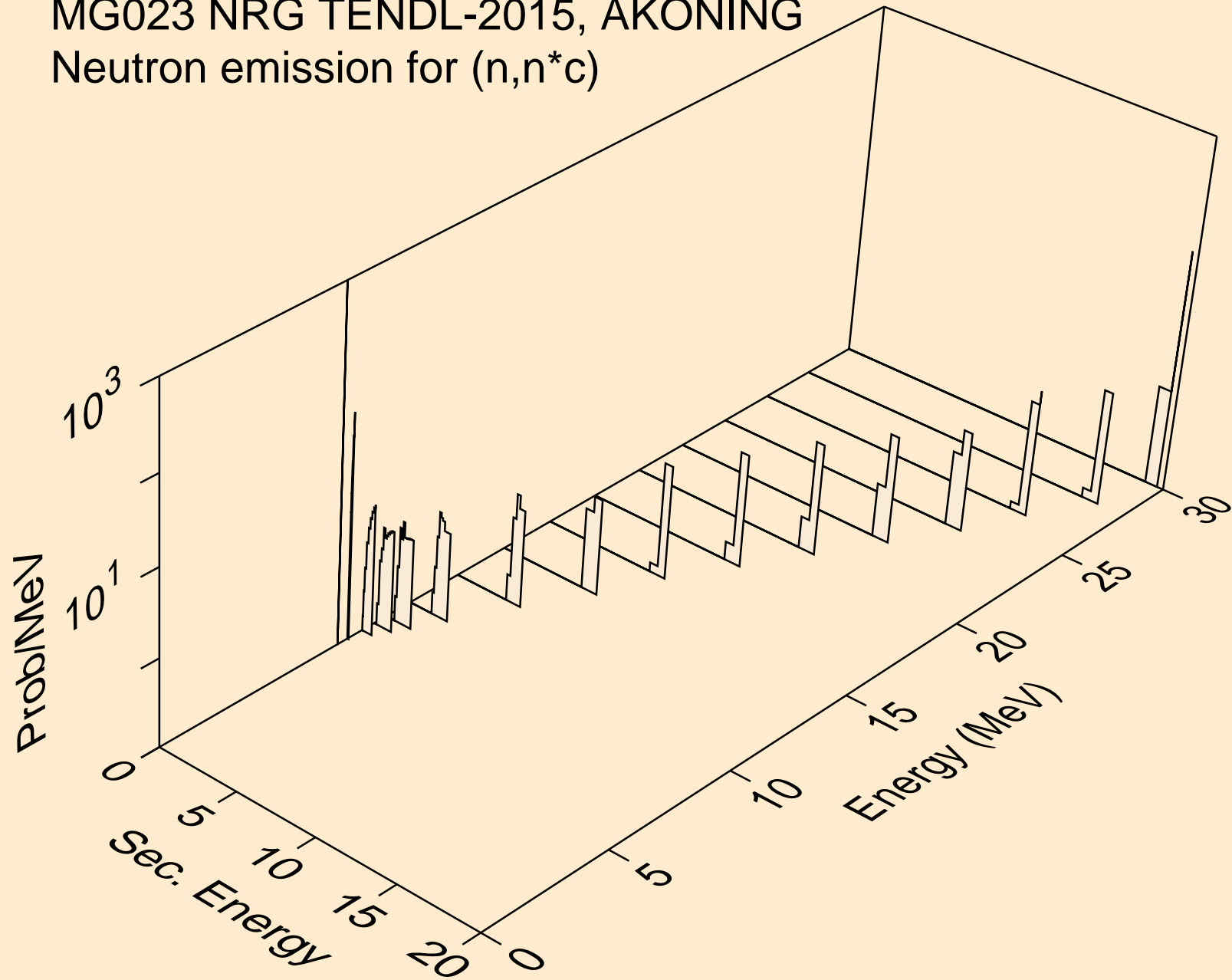
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Neutron emission for (n,2np)



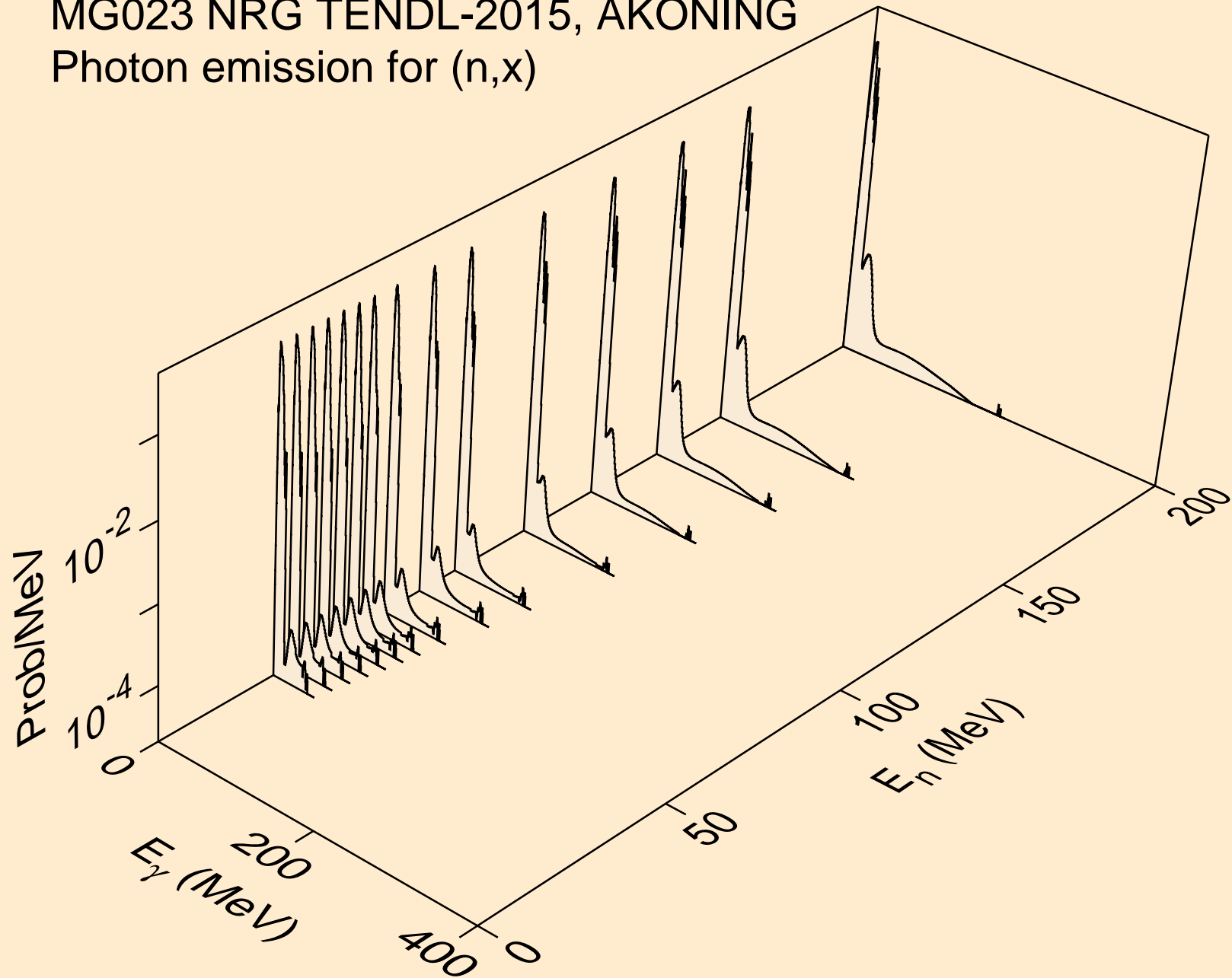
MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



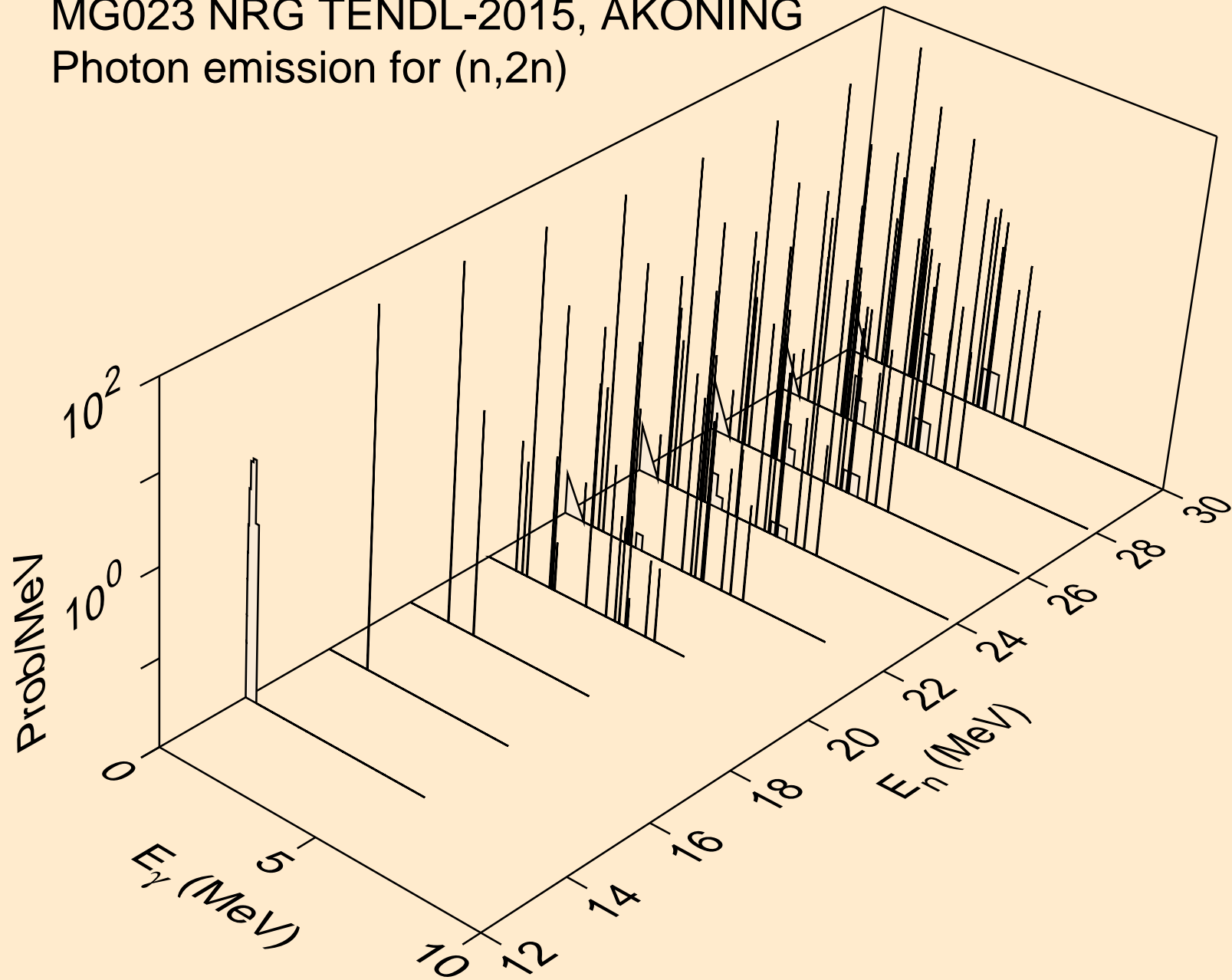
MG023 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



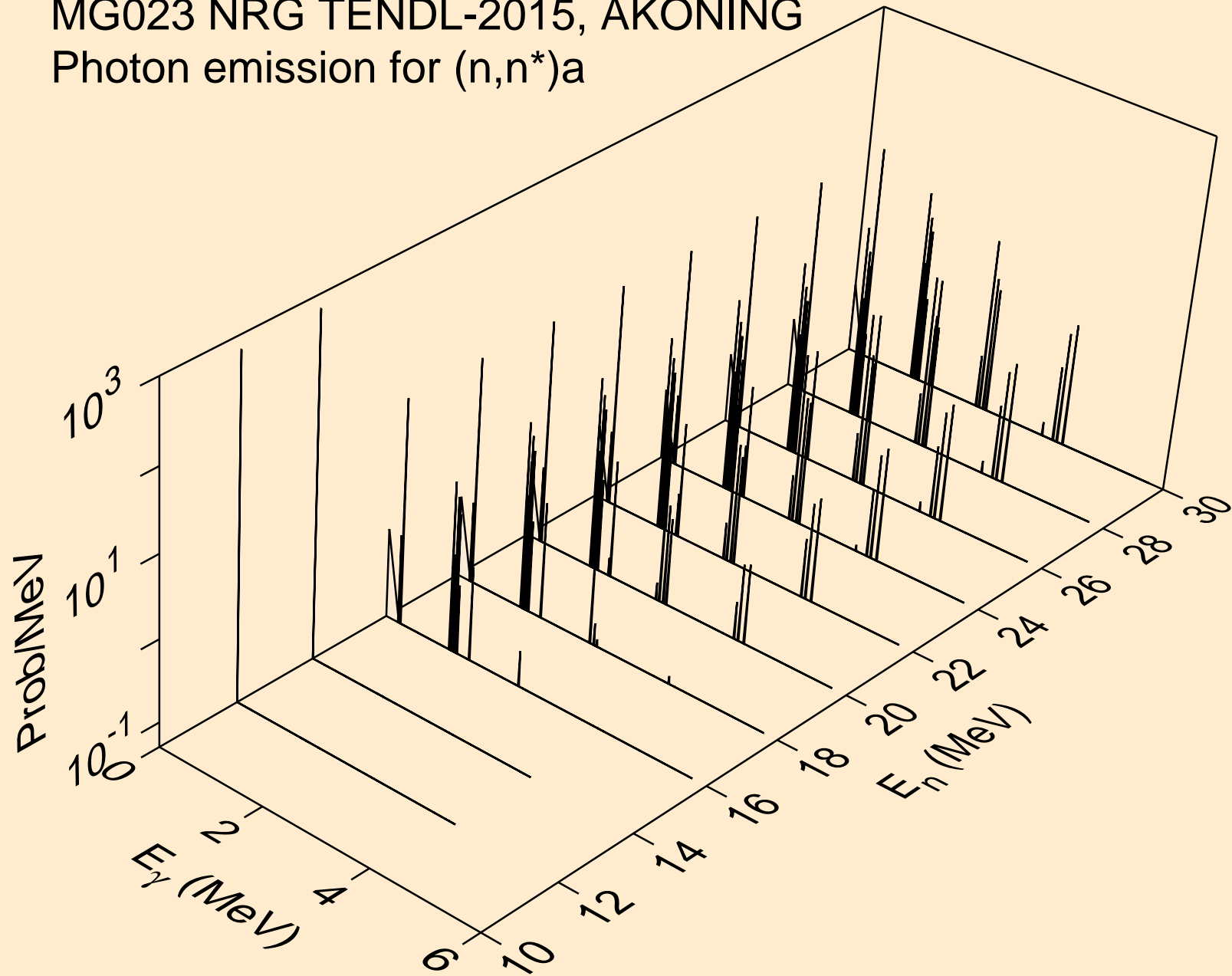
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



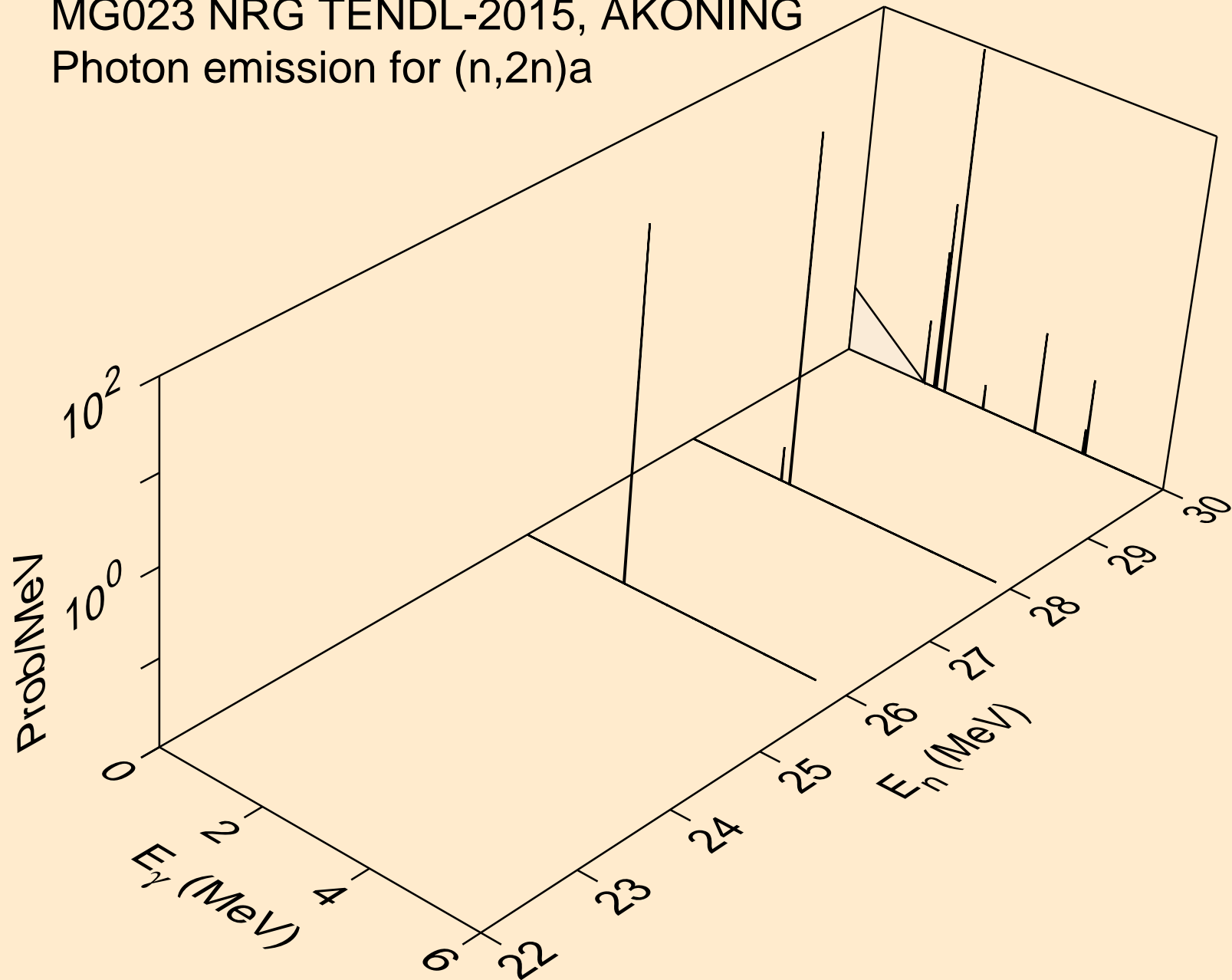
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



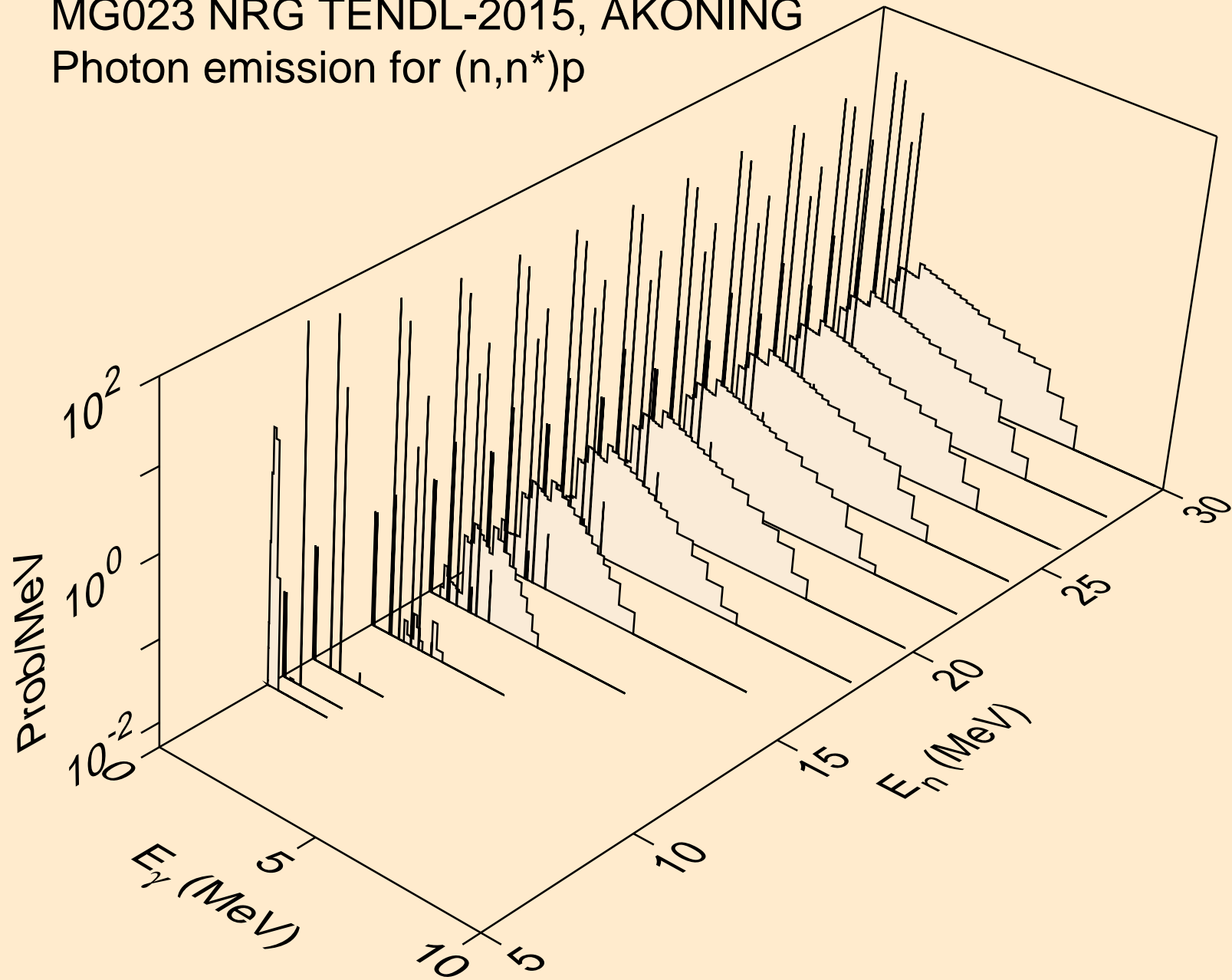
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

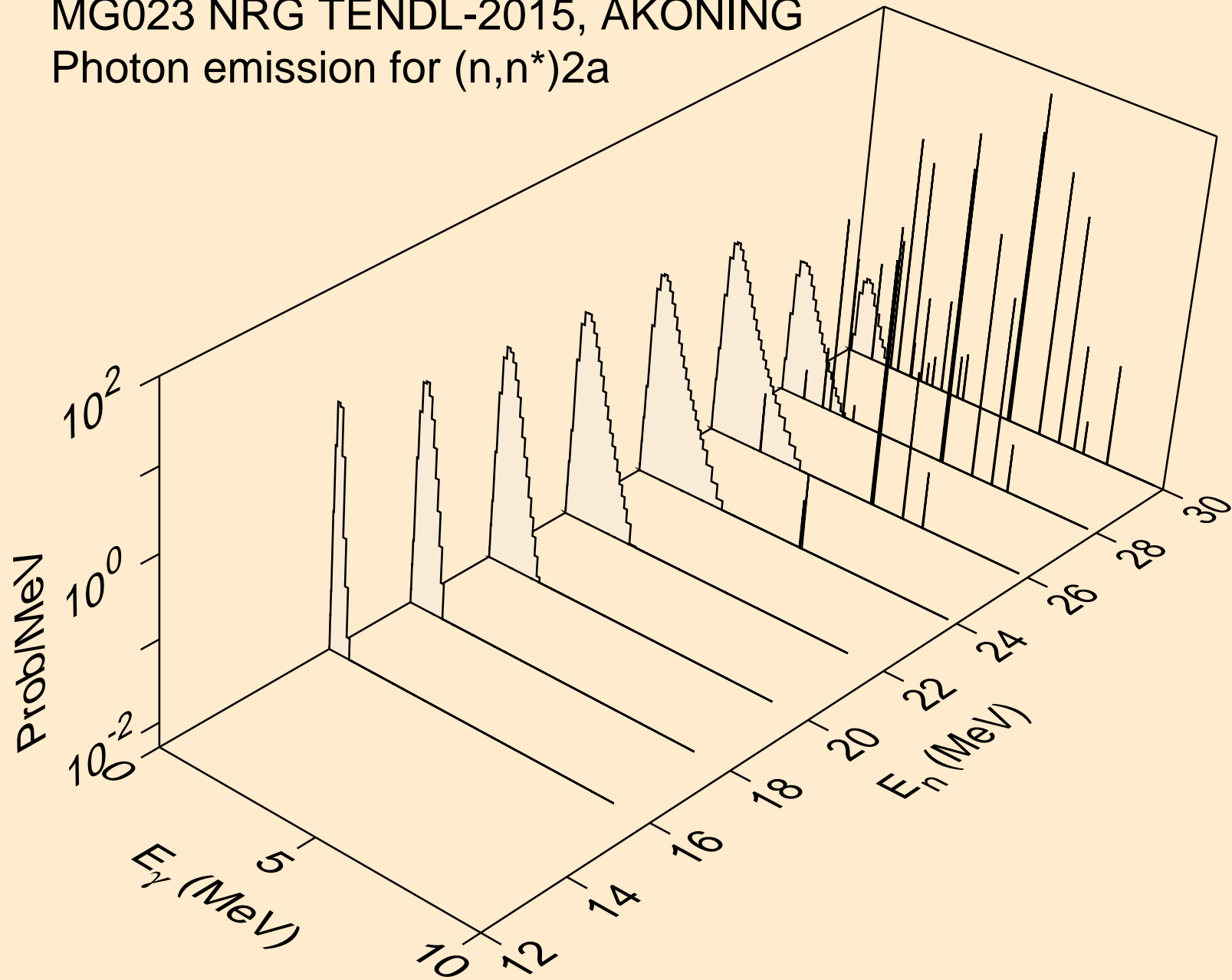


MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

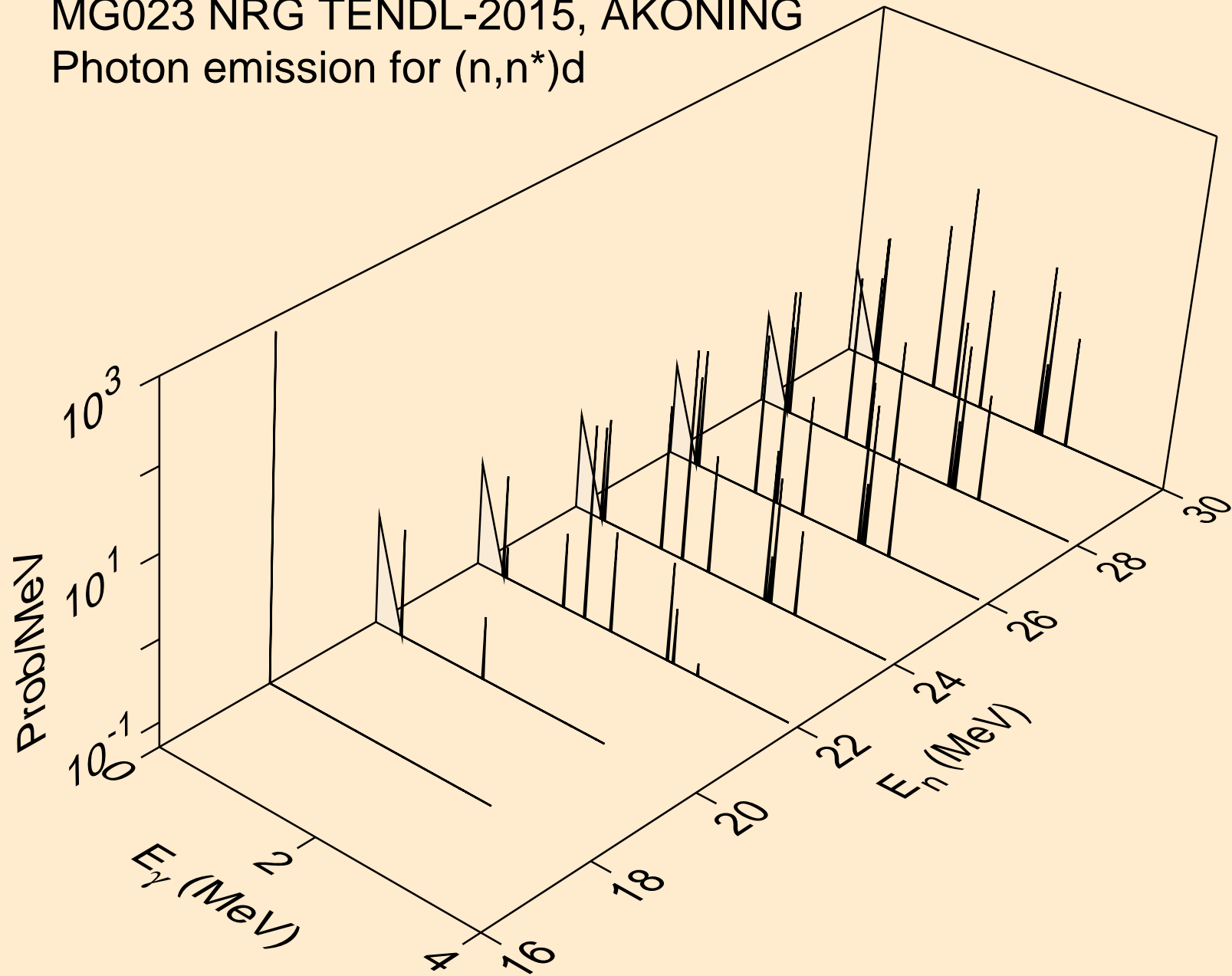




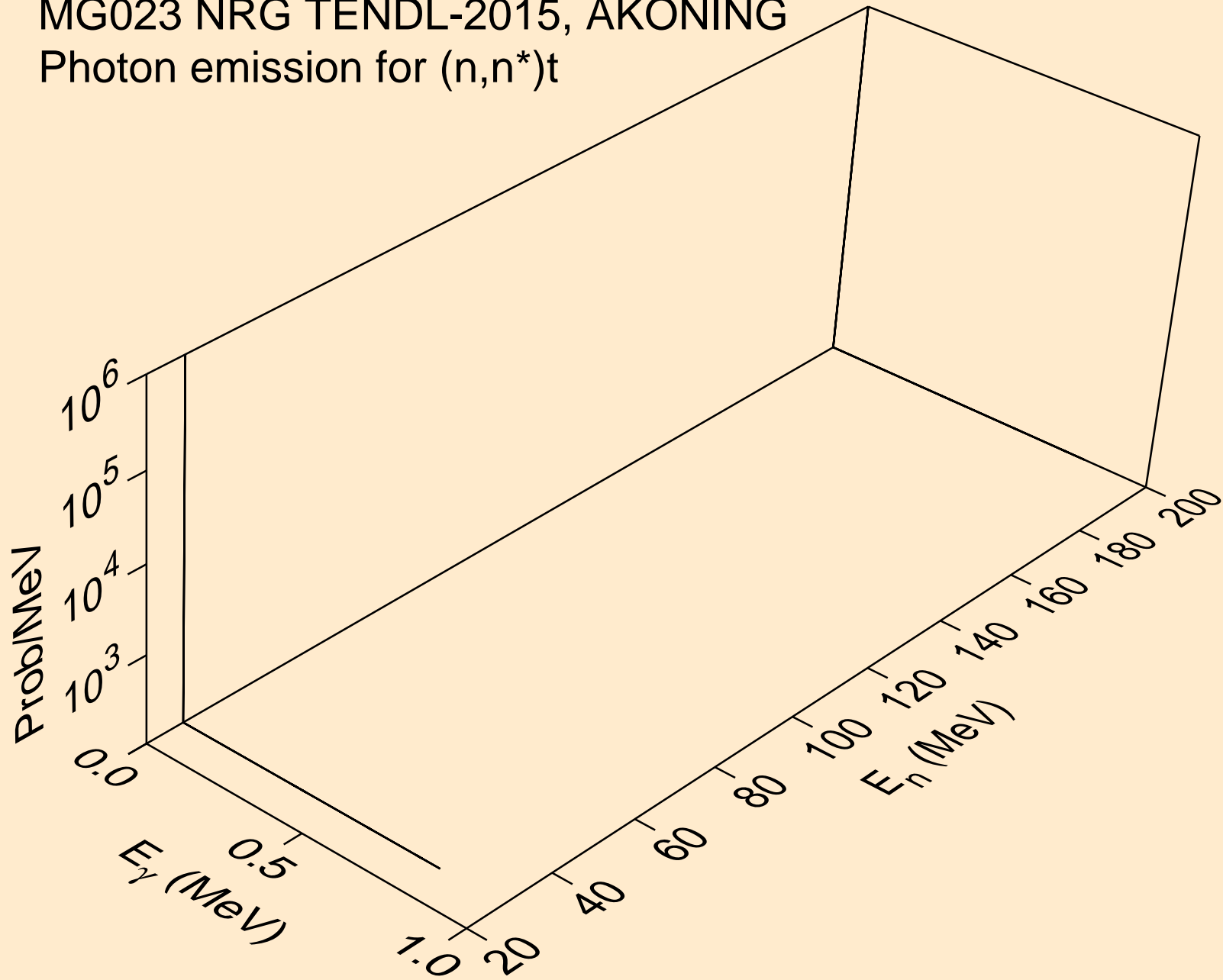
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



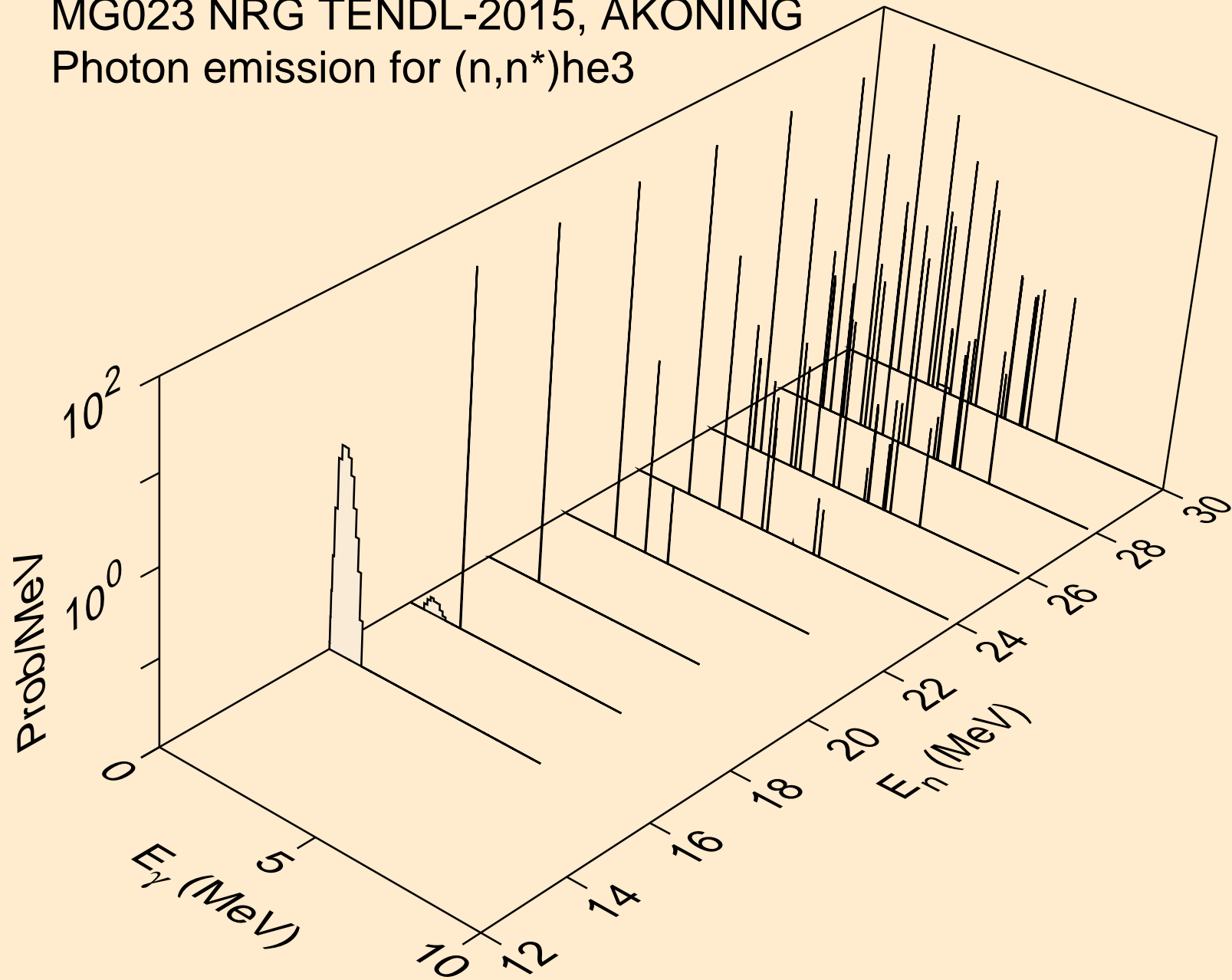
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



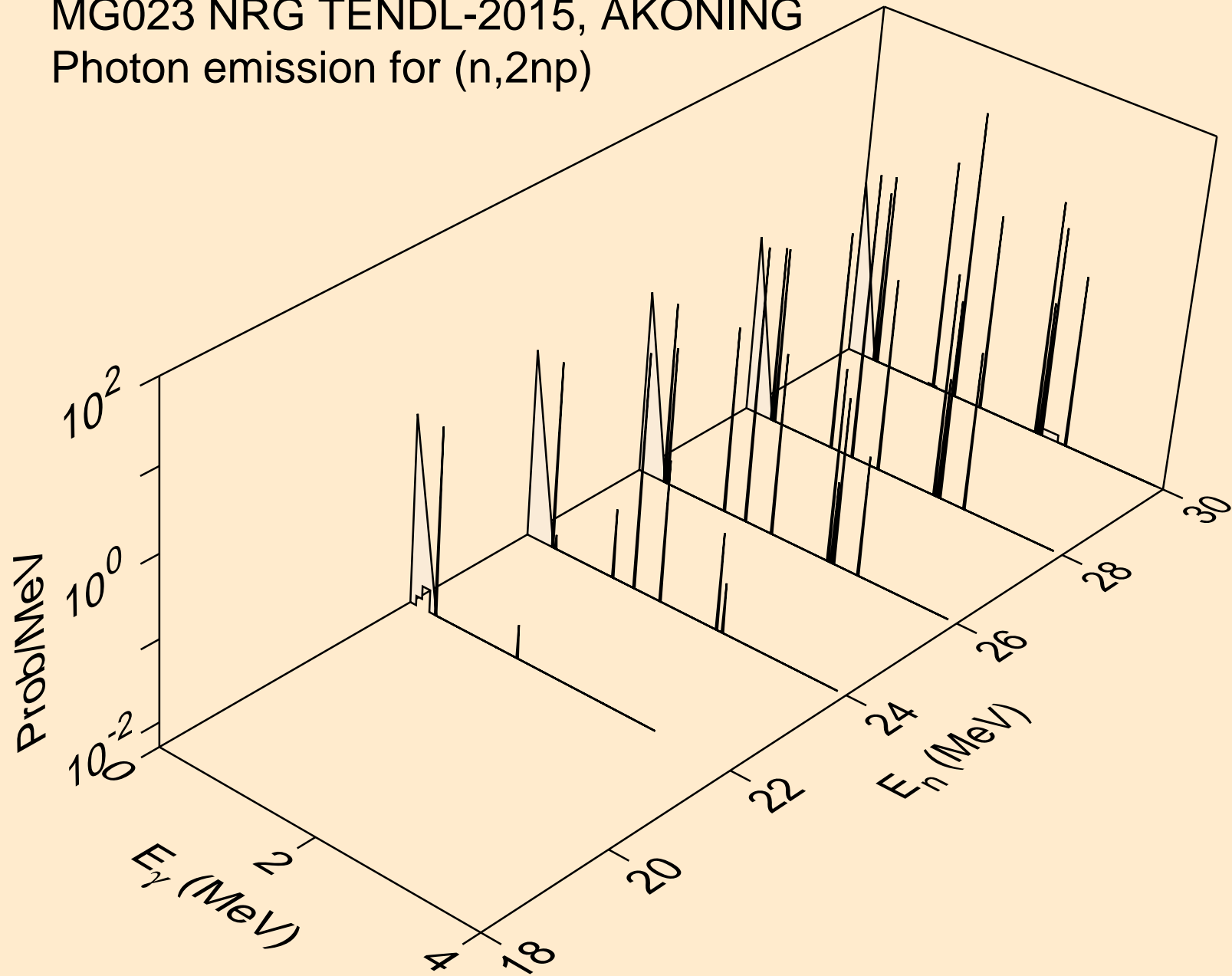
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



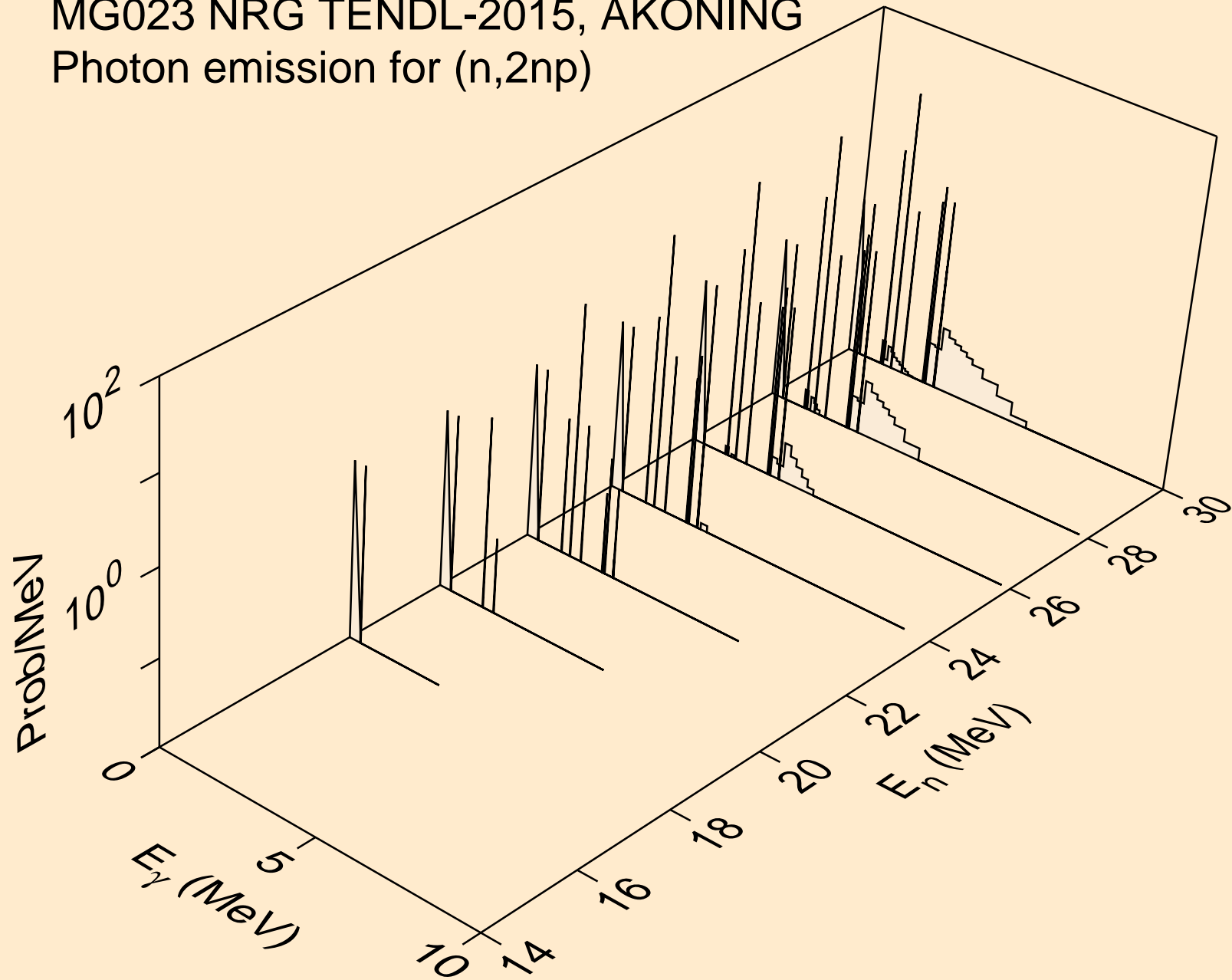
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



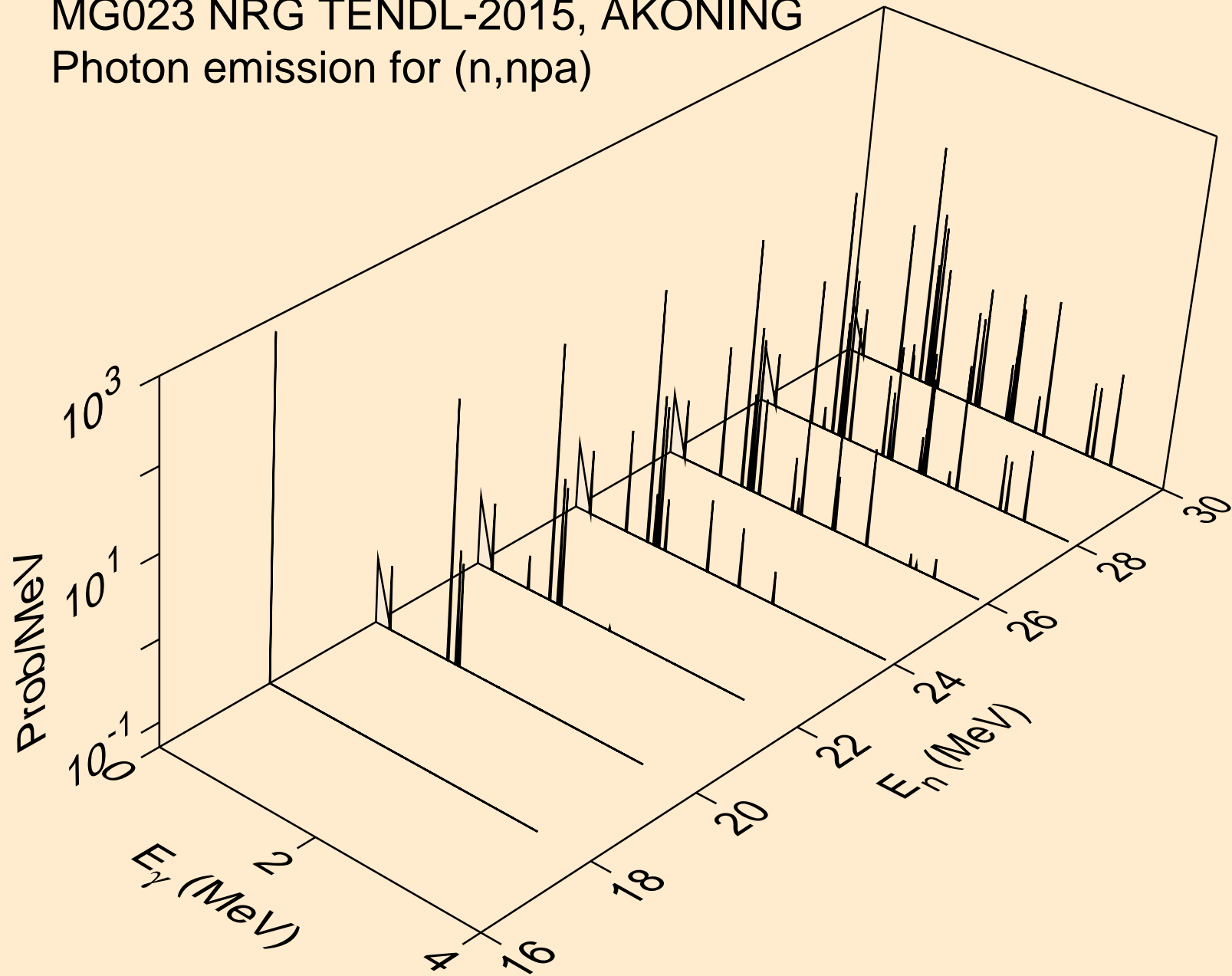
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Photon emission for (n,2np)



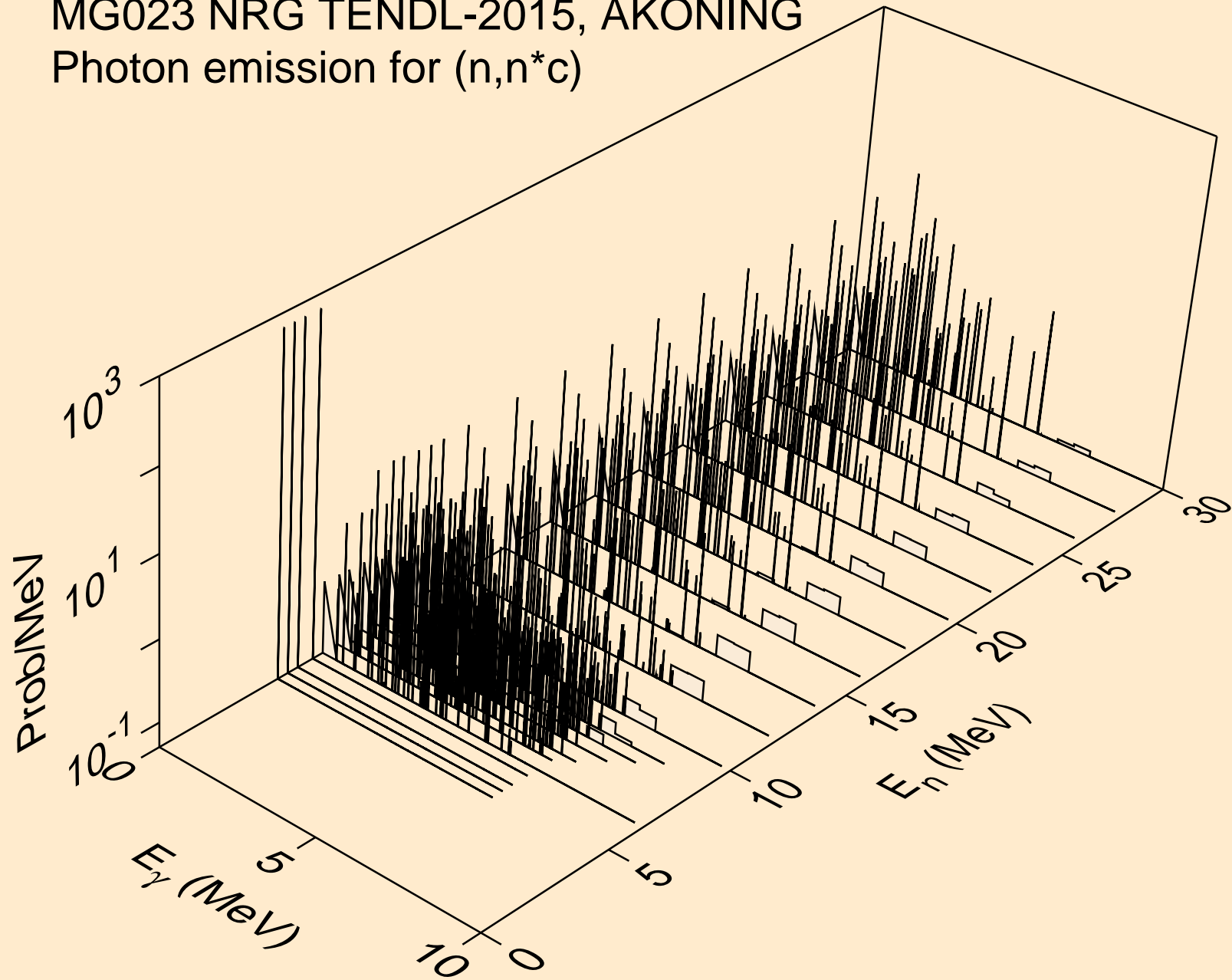
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

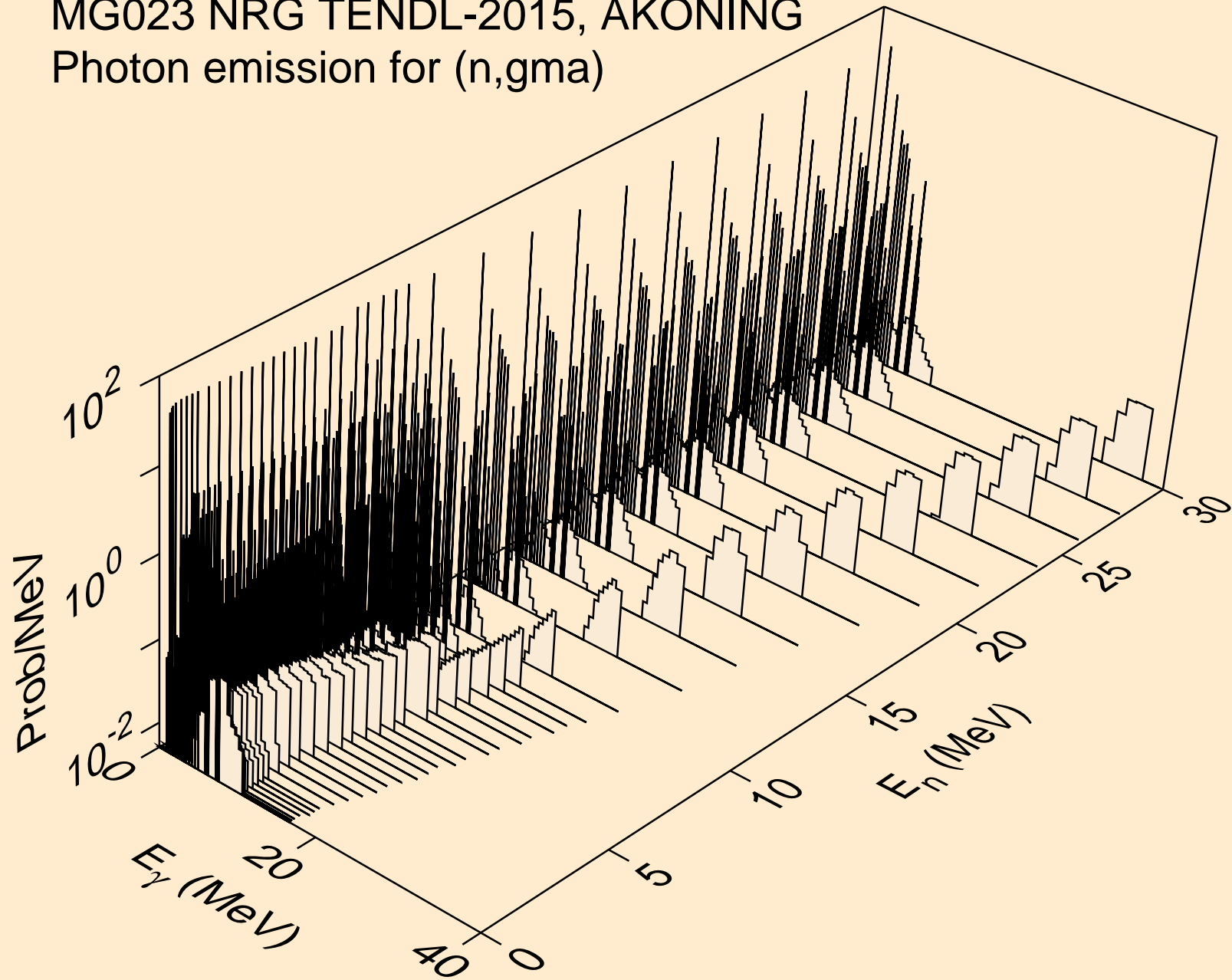


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Photon emission for (n,n\*c)

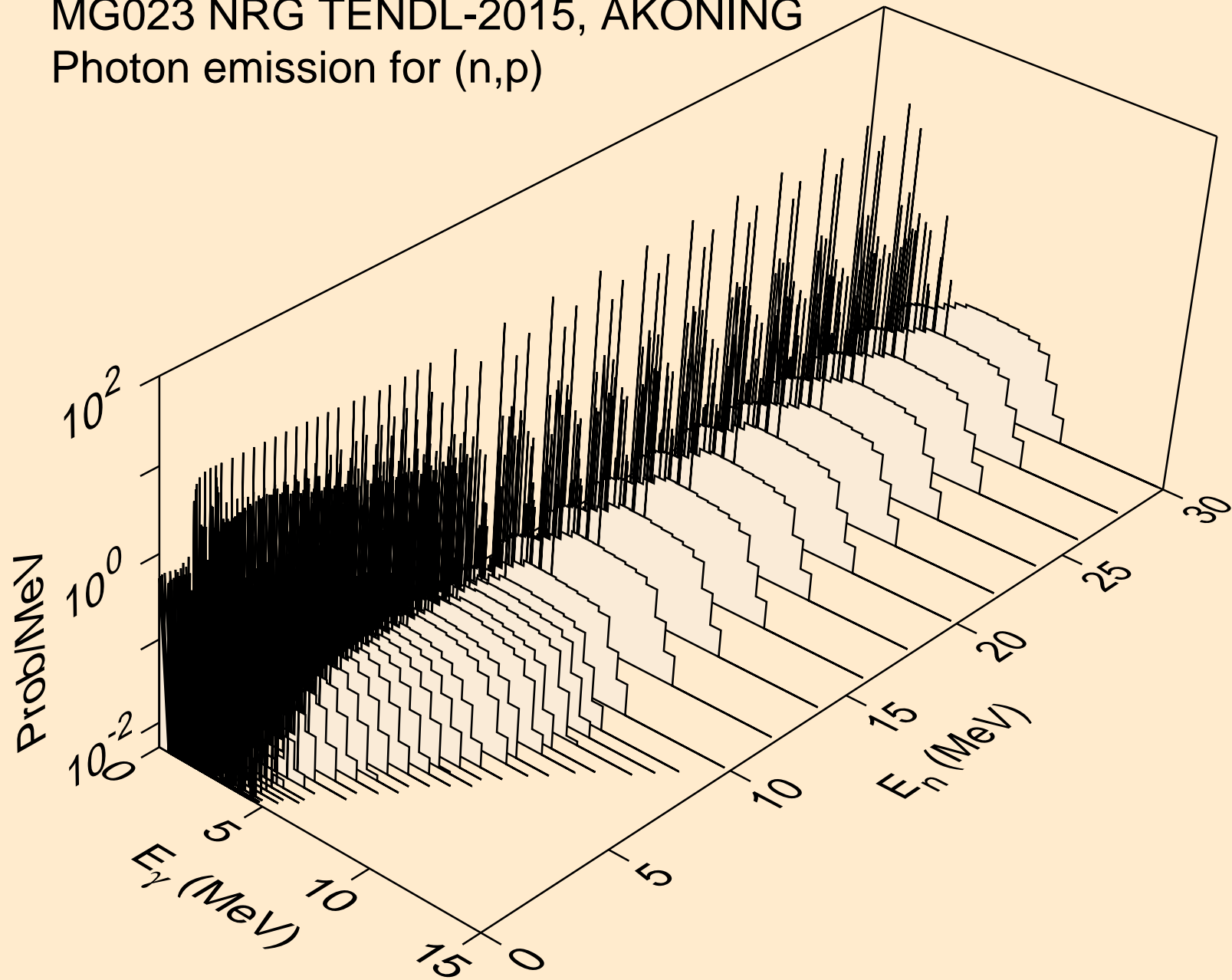




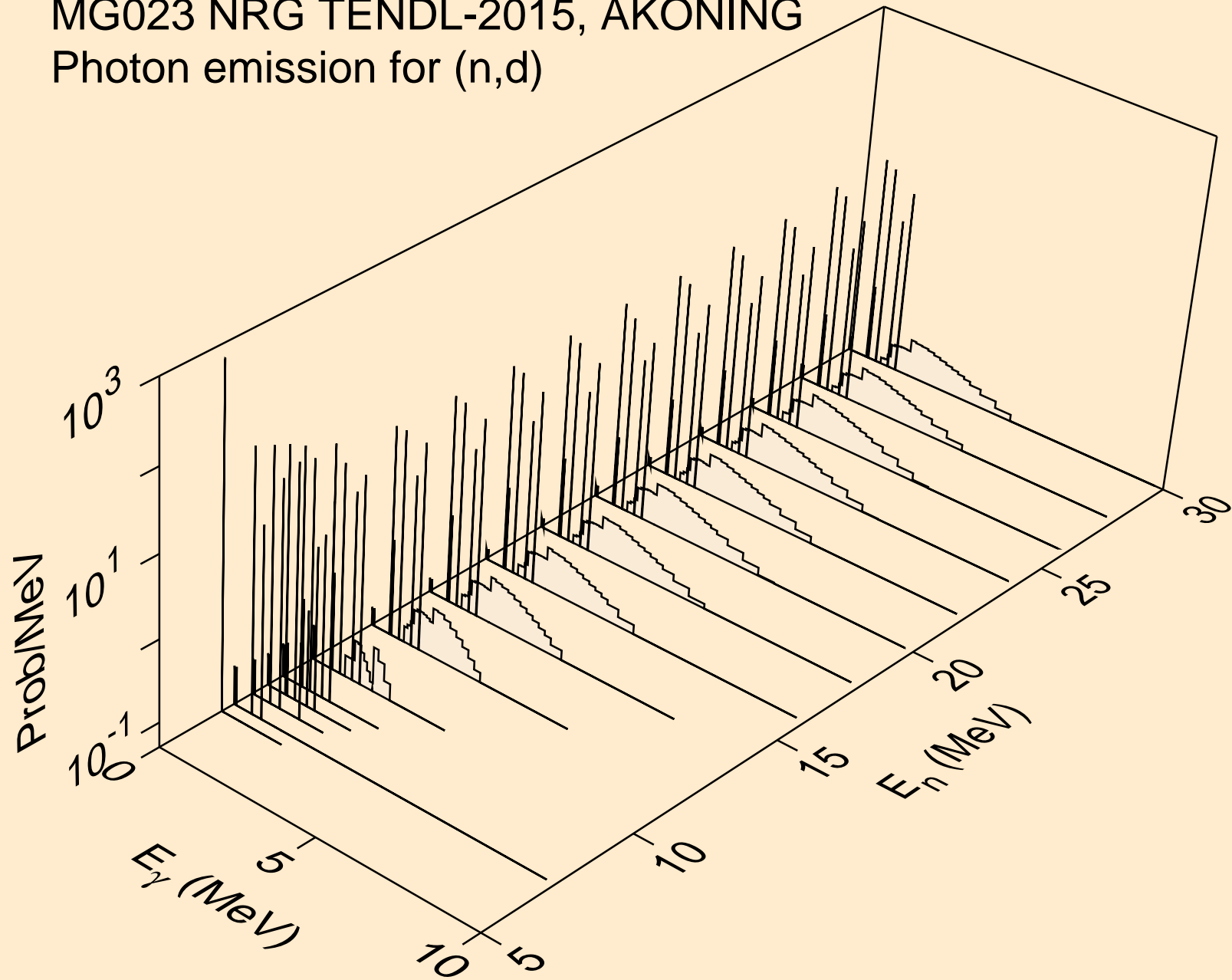
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



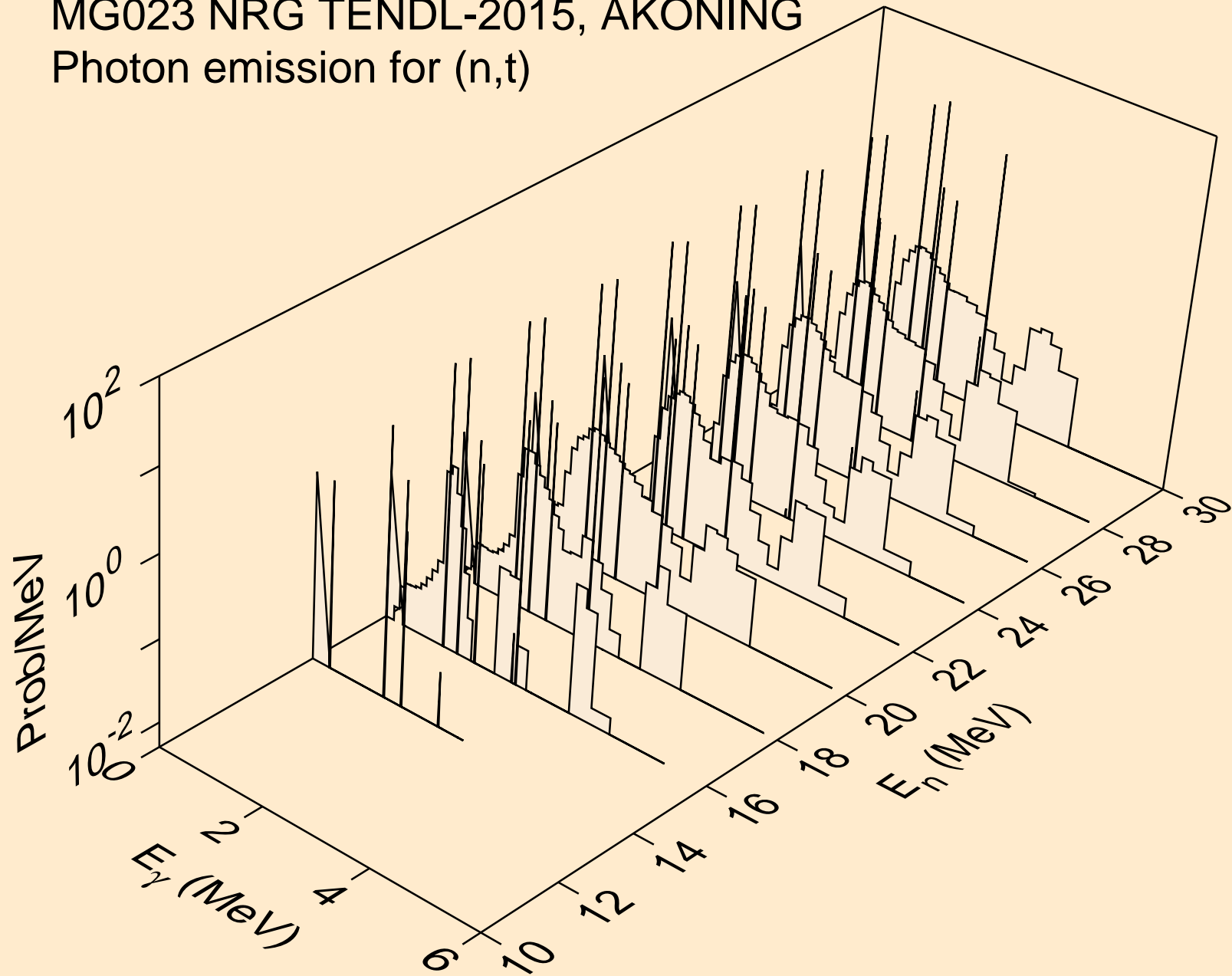
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



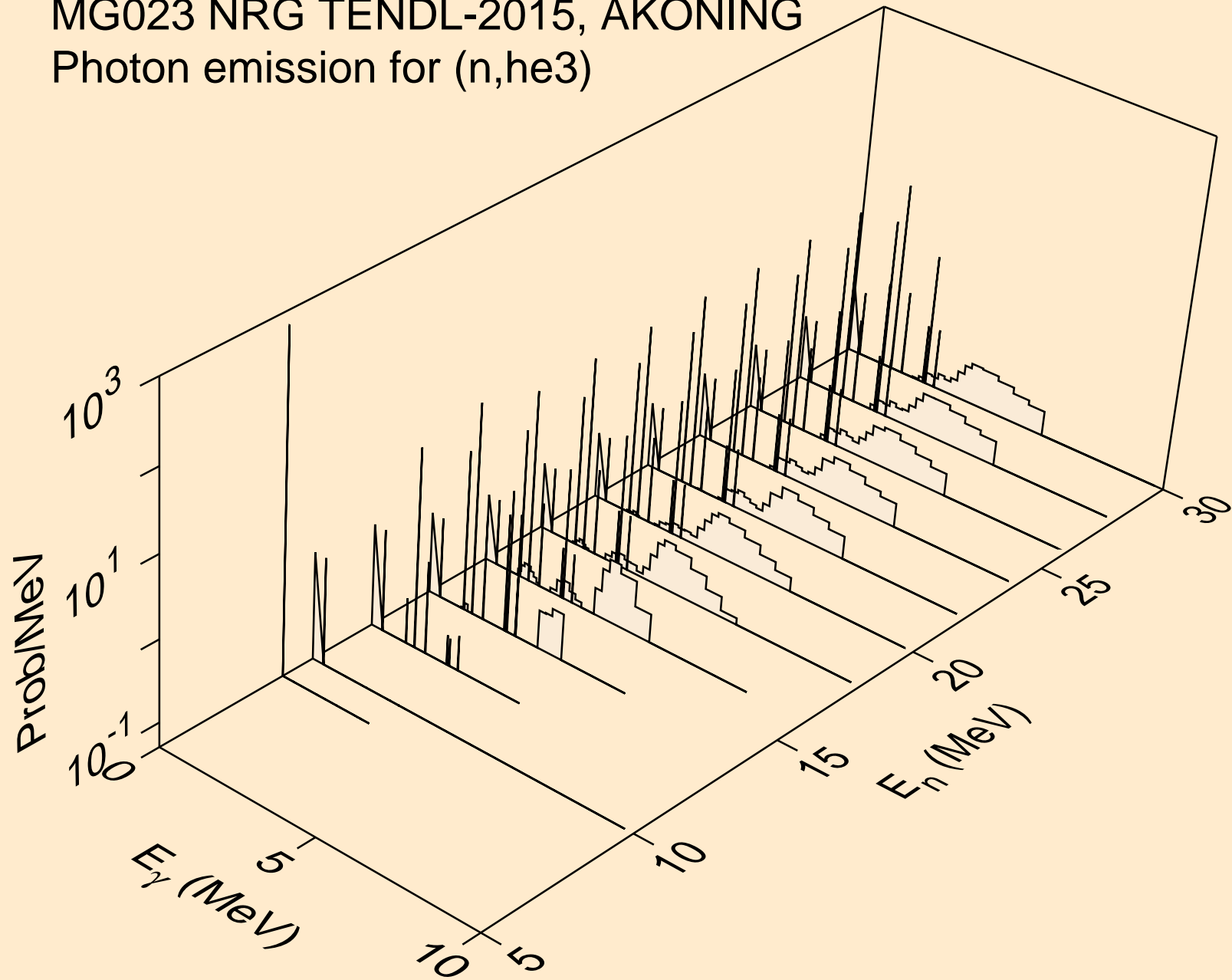
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



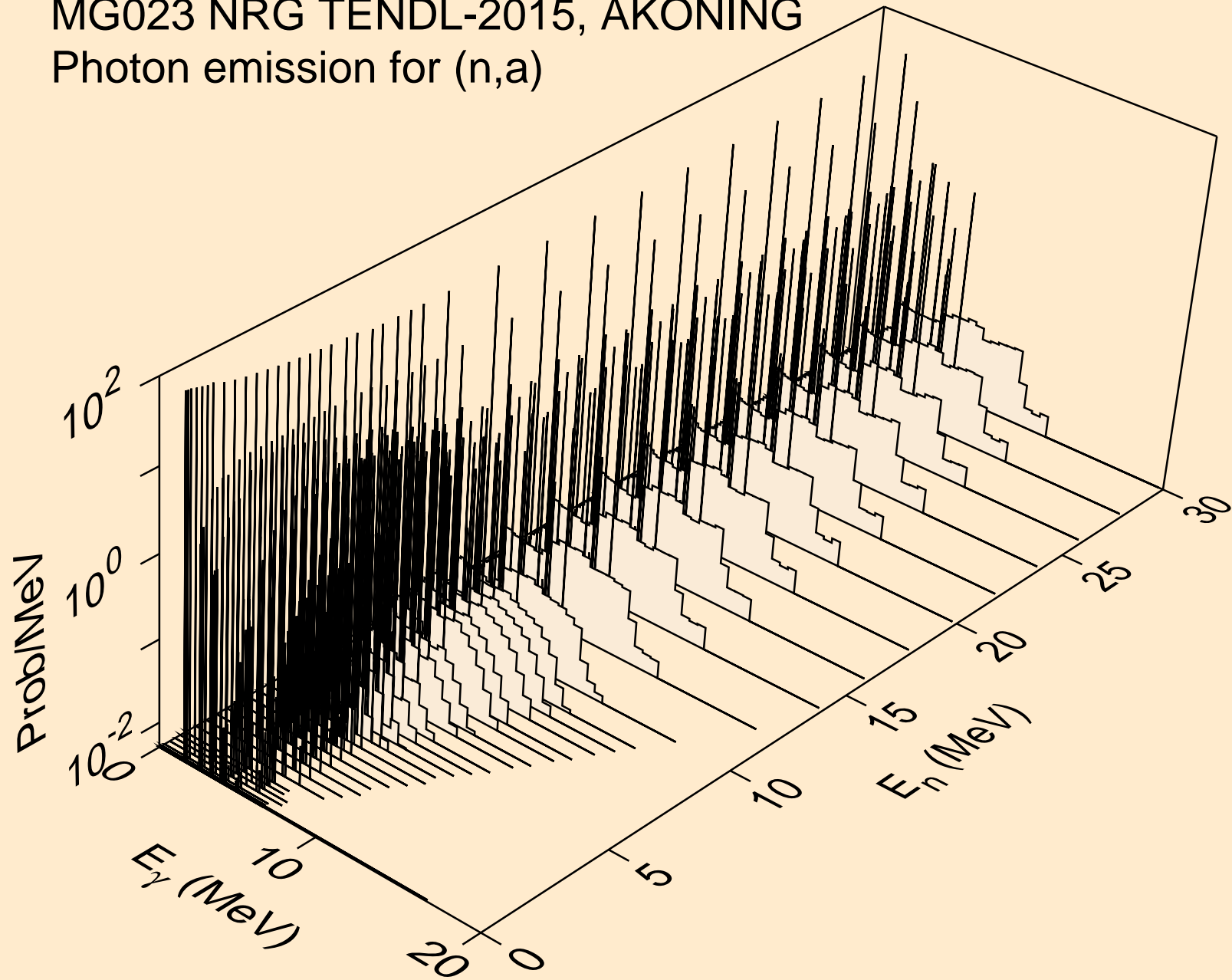
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



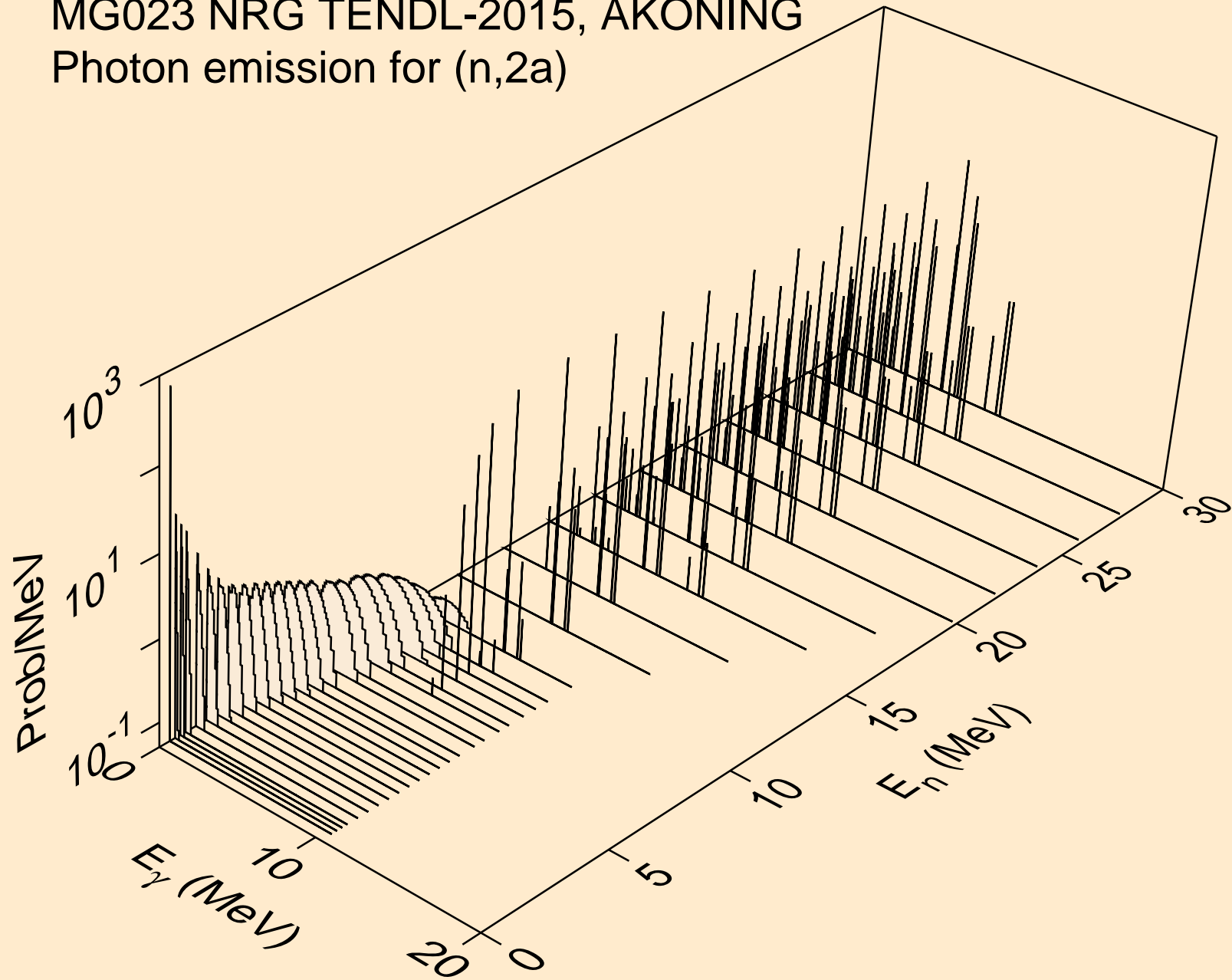
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



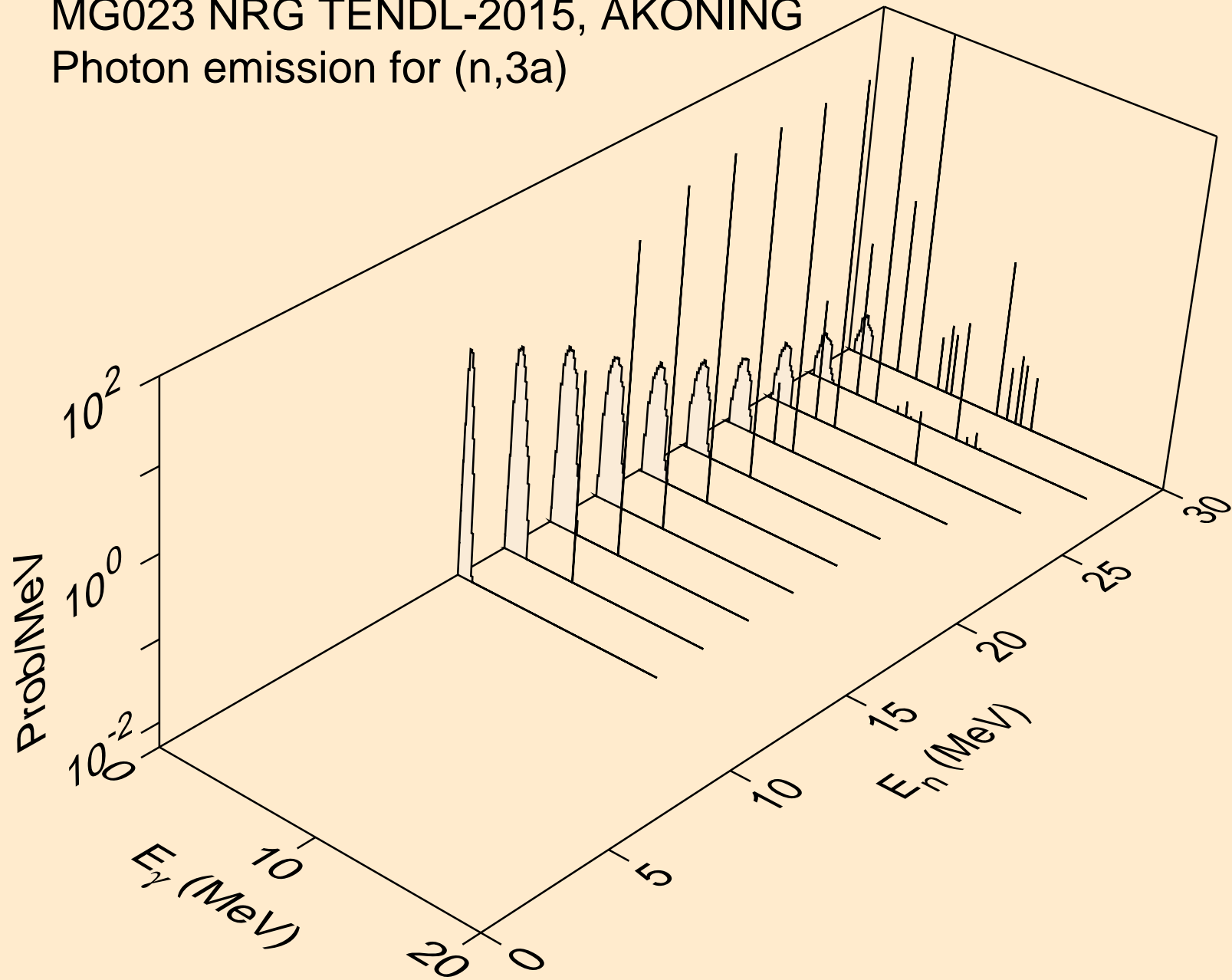
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

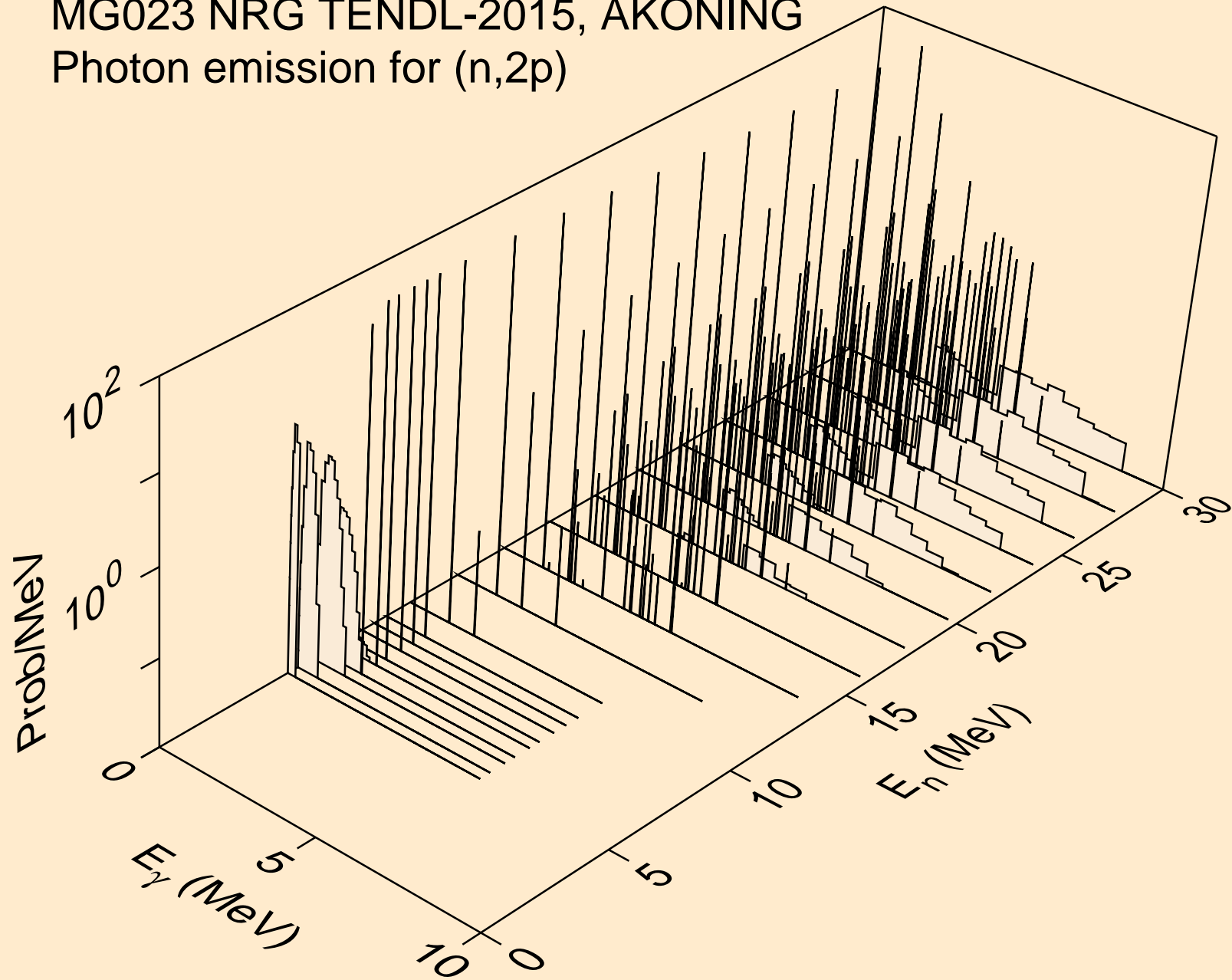


MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

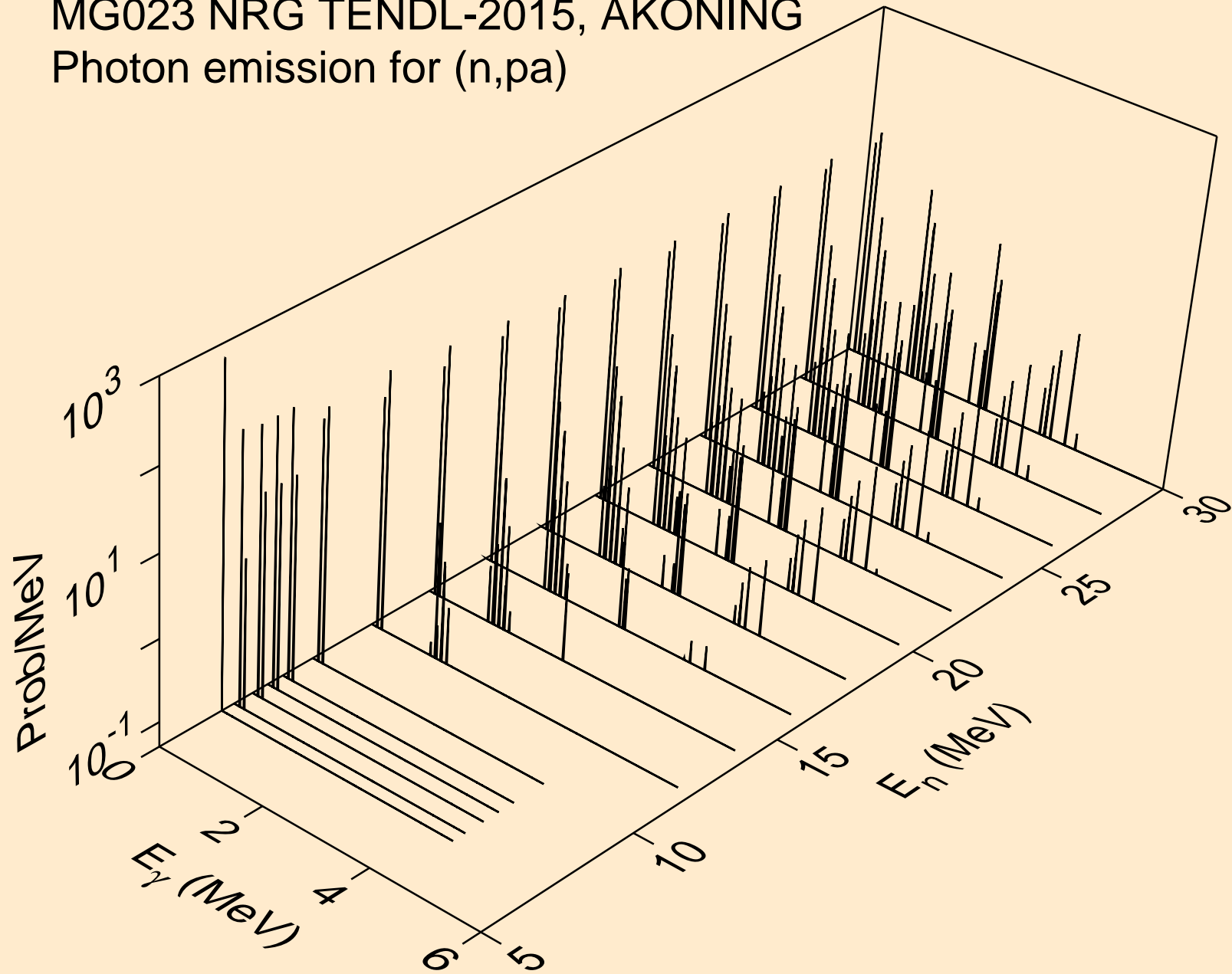




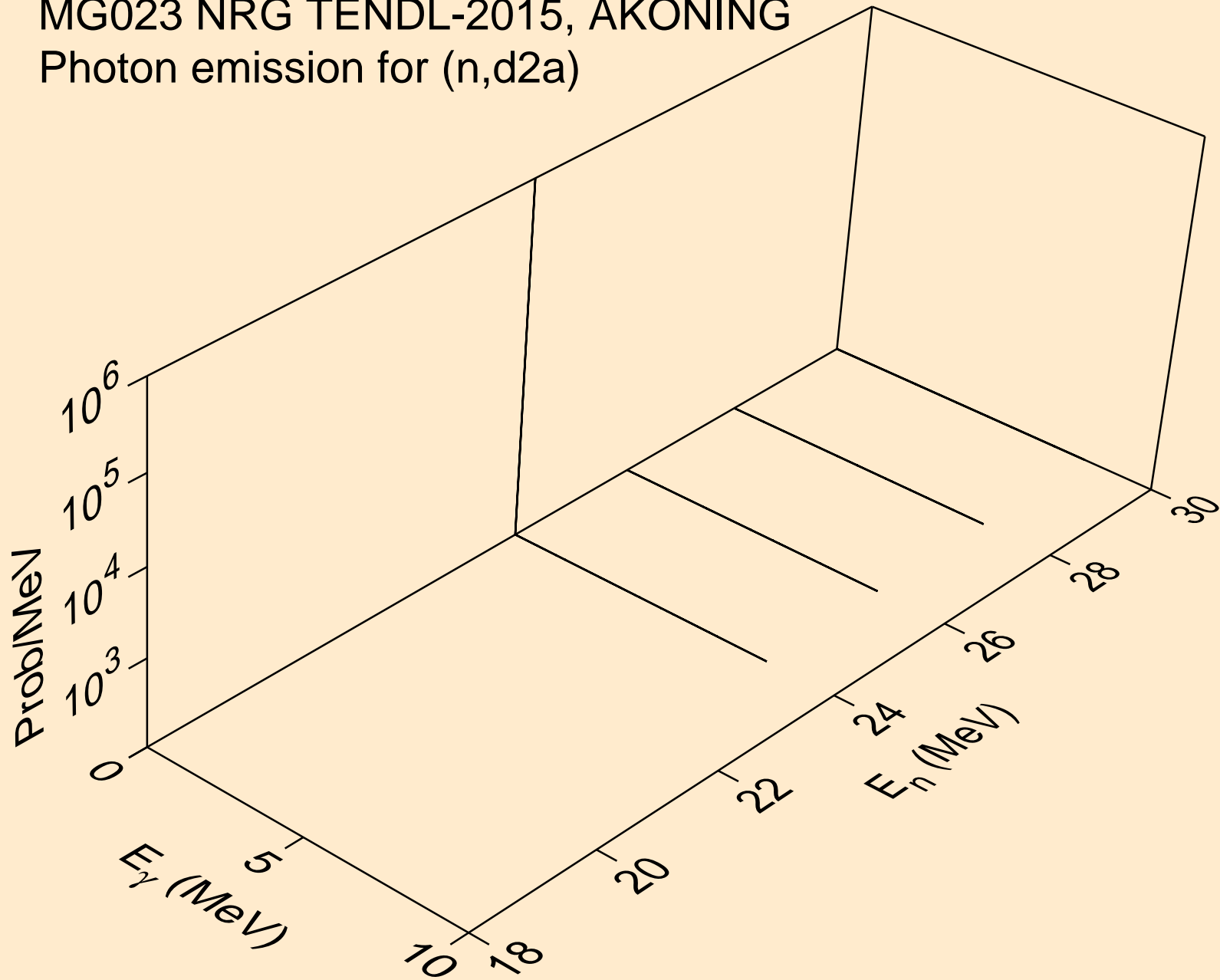
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



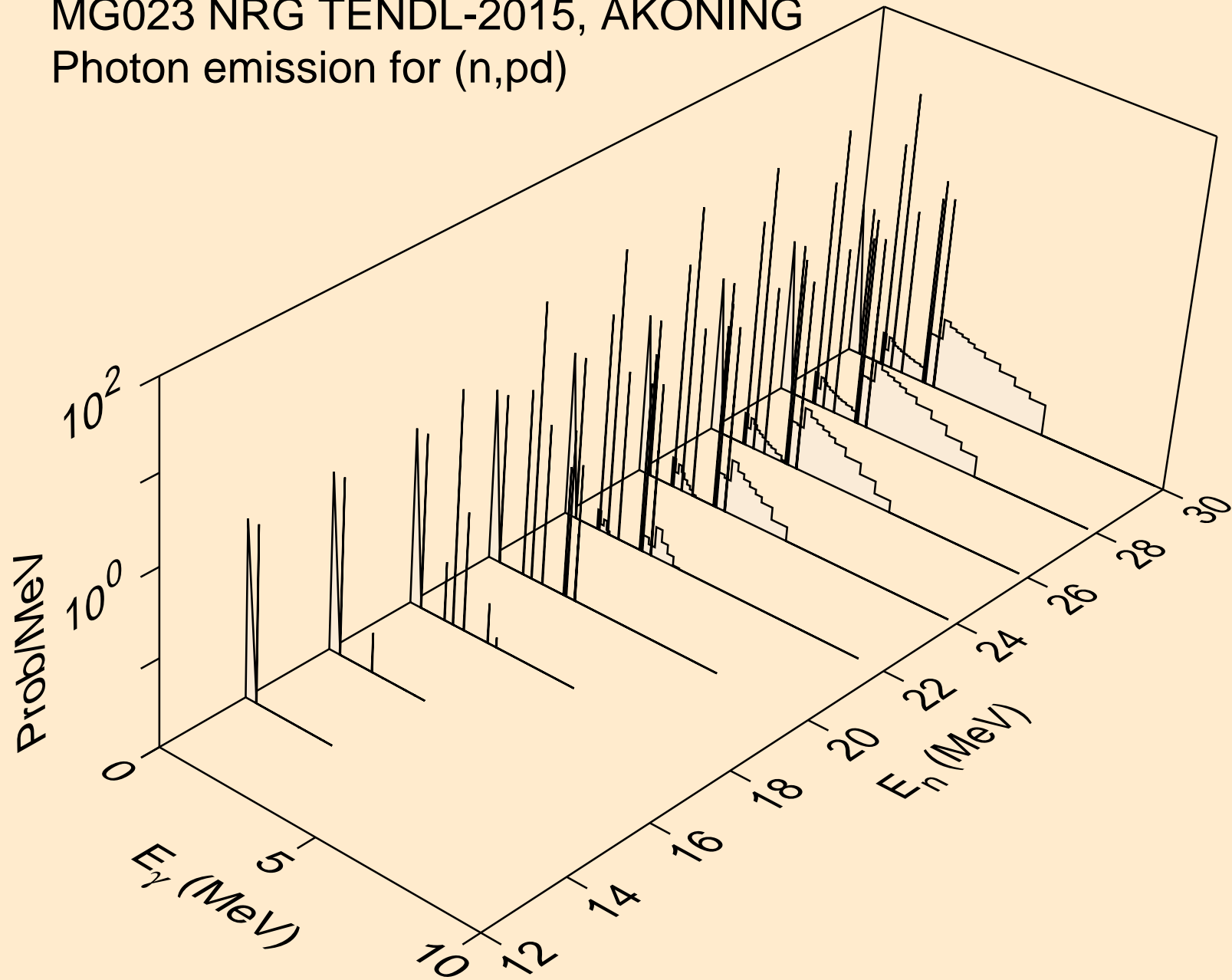
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



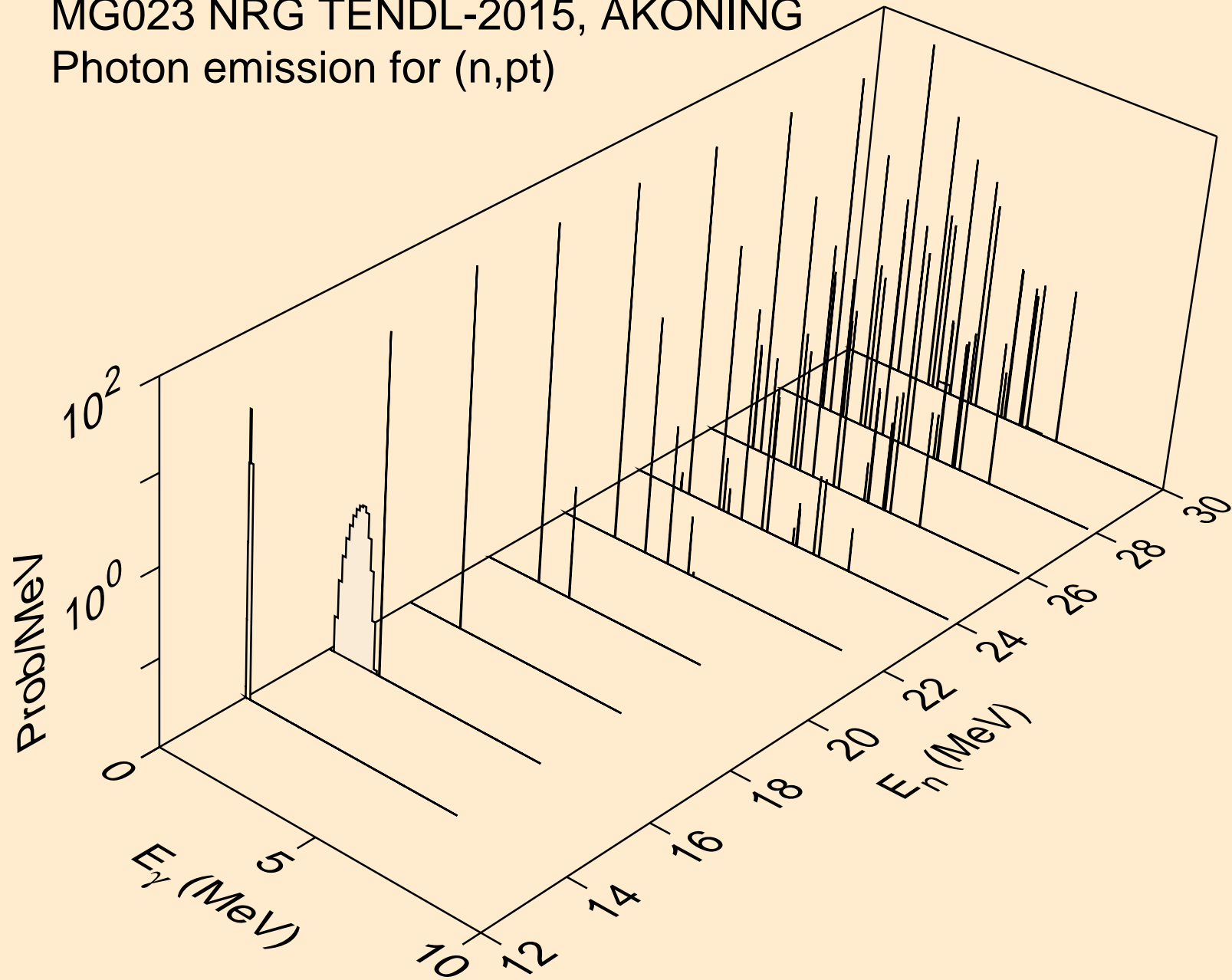
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



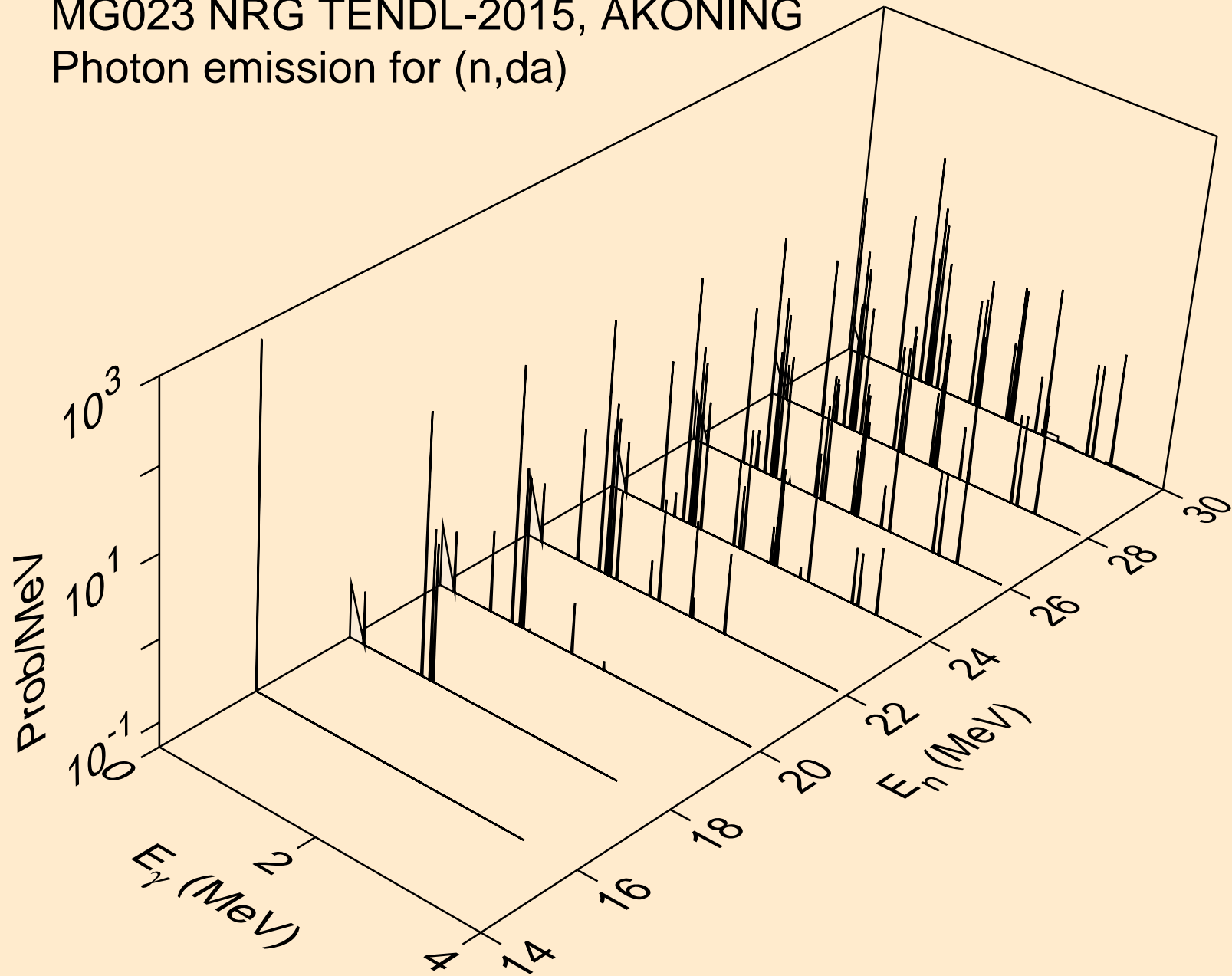
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



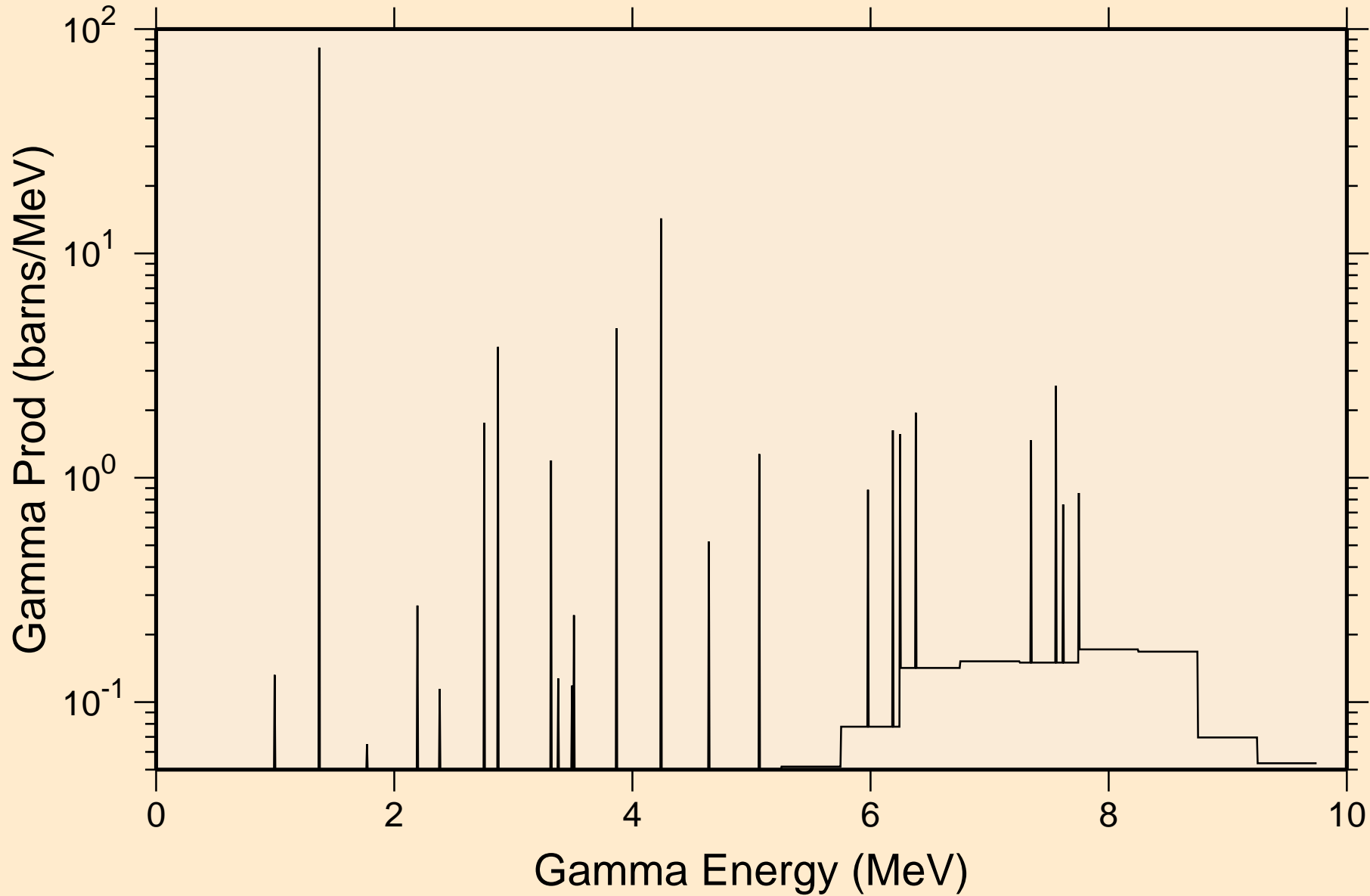
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



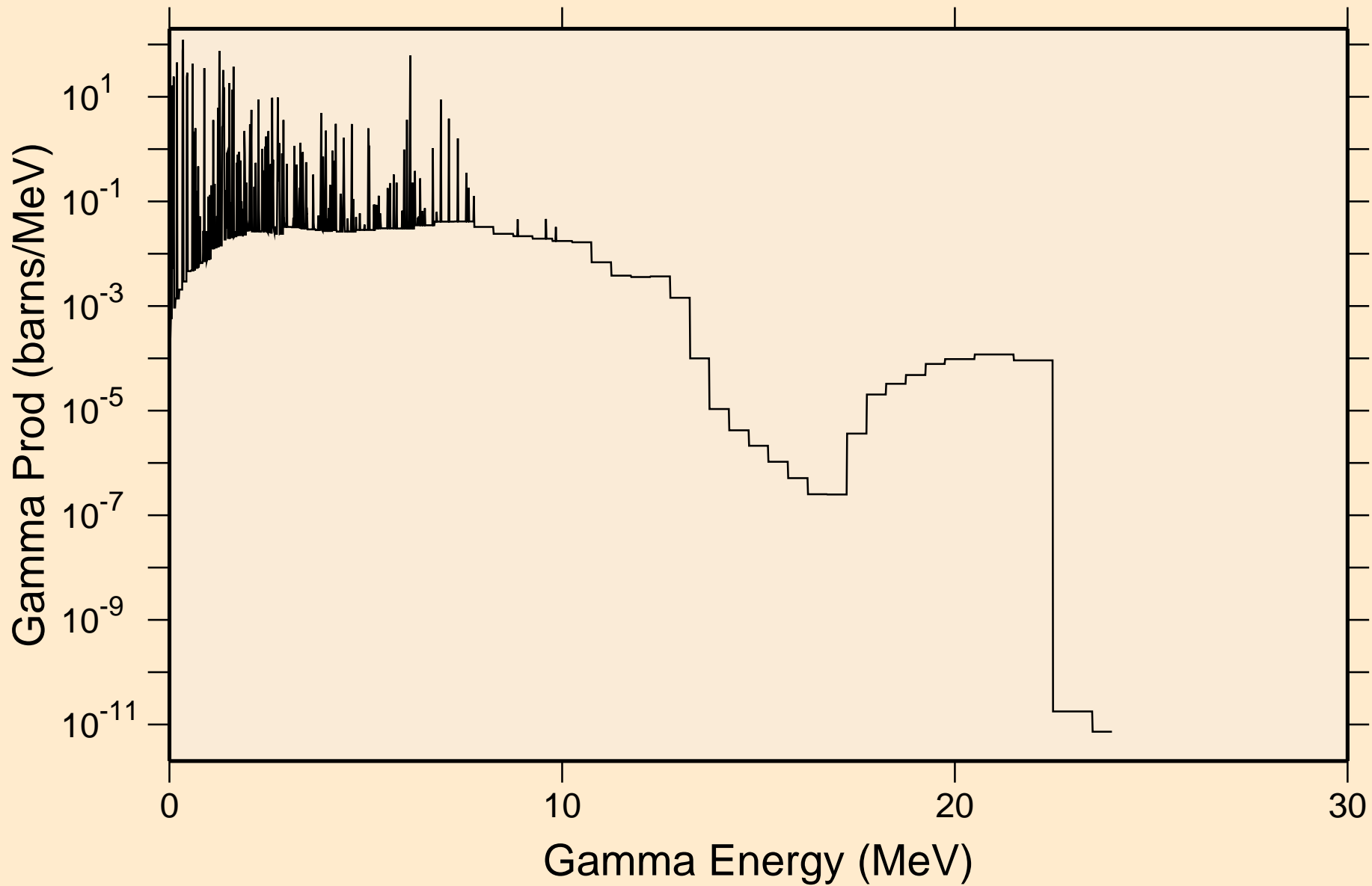
MG023 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



MG023 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



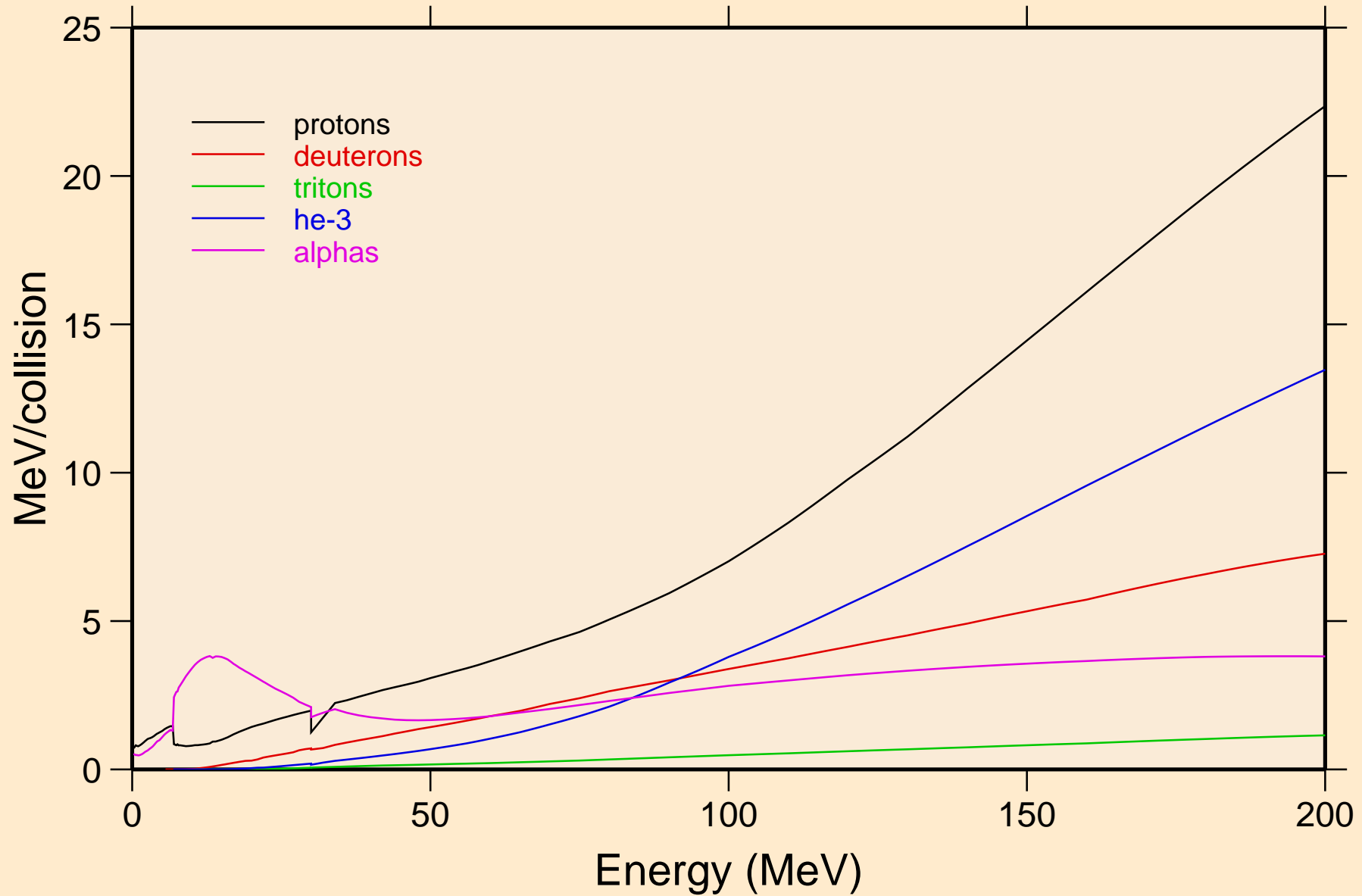
MG023 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





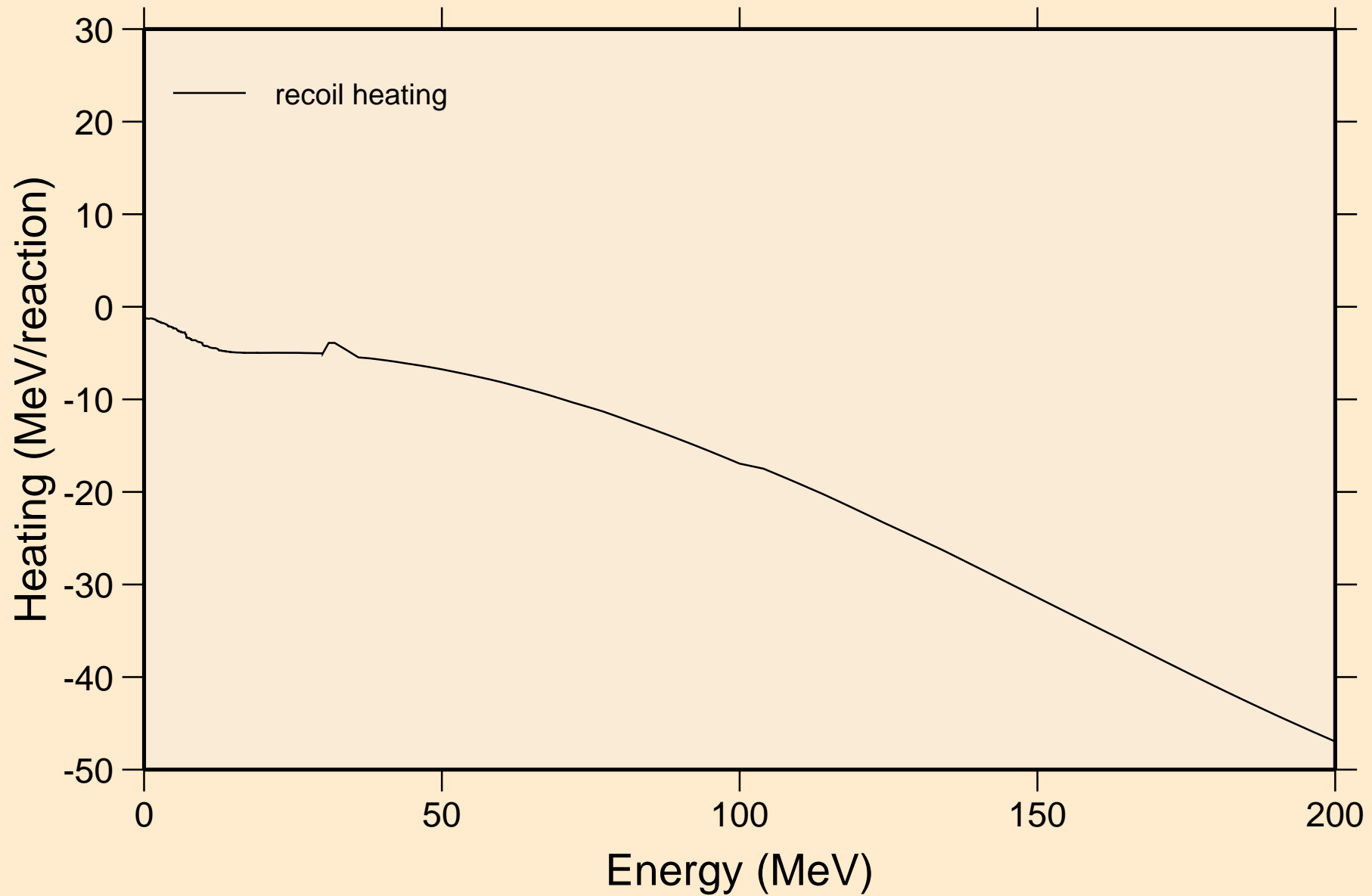
# MG023 NRG TENDL-2015, AKONING

## Particle heating contributions



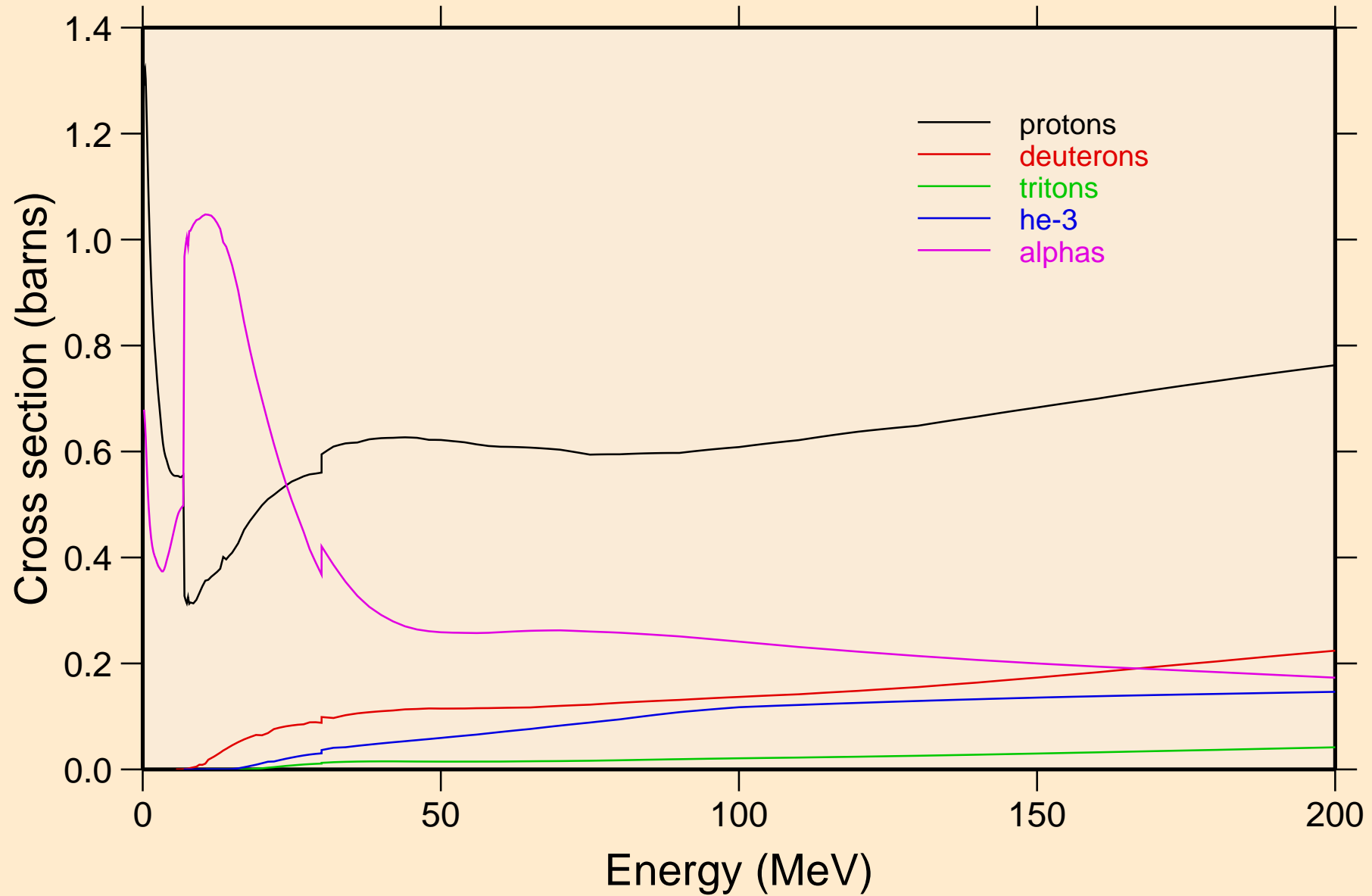
# MG023 NRG TENDL-2015, AKONING

## Recoil Heating

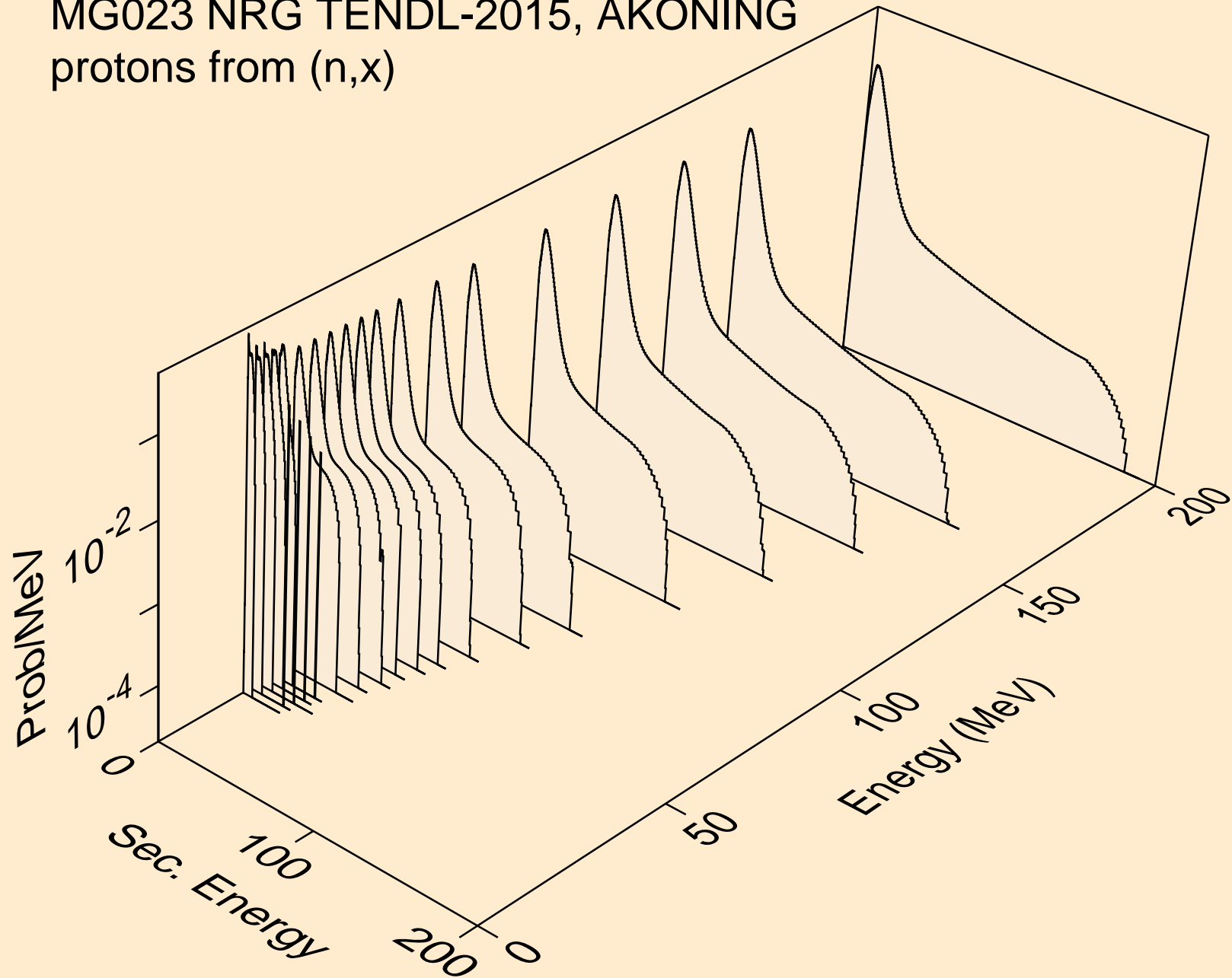


# MG023 NRG TENDL-2015, AKONING

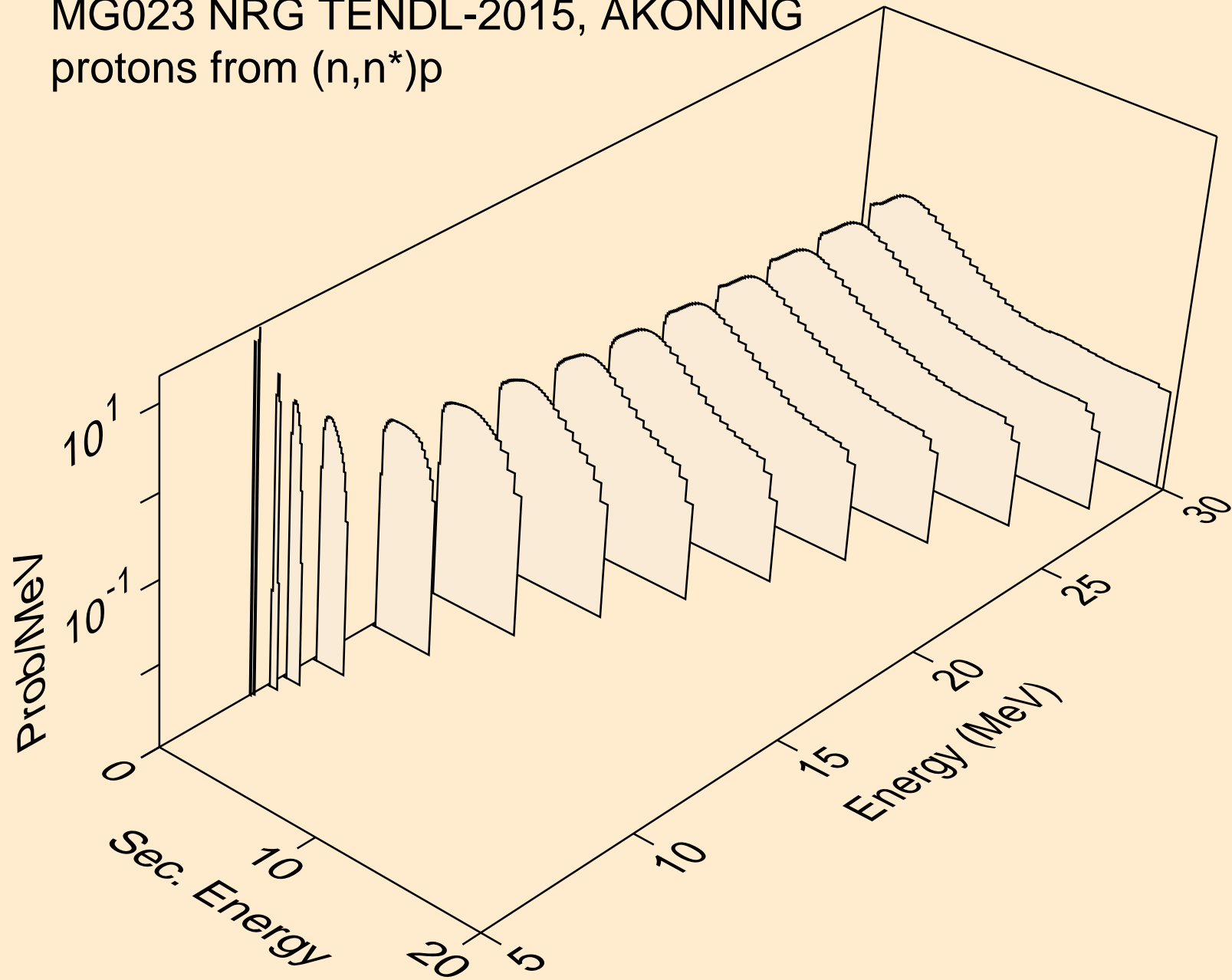
## Particle production cross sections



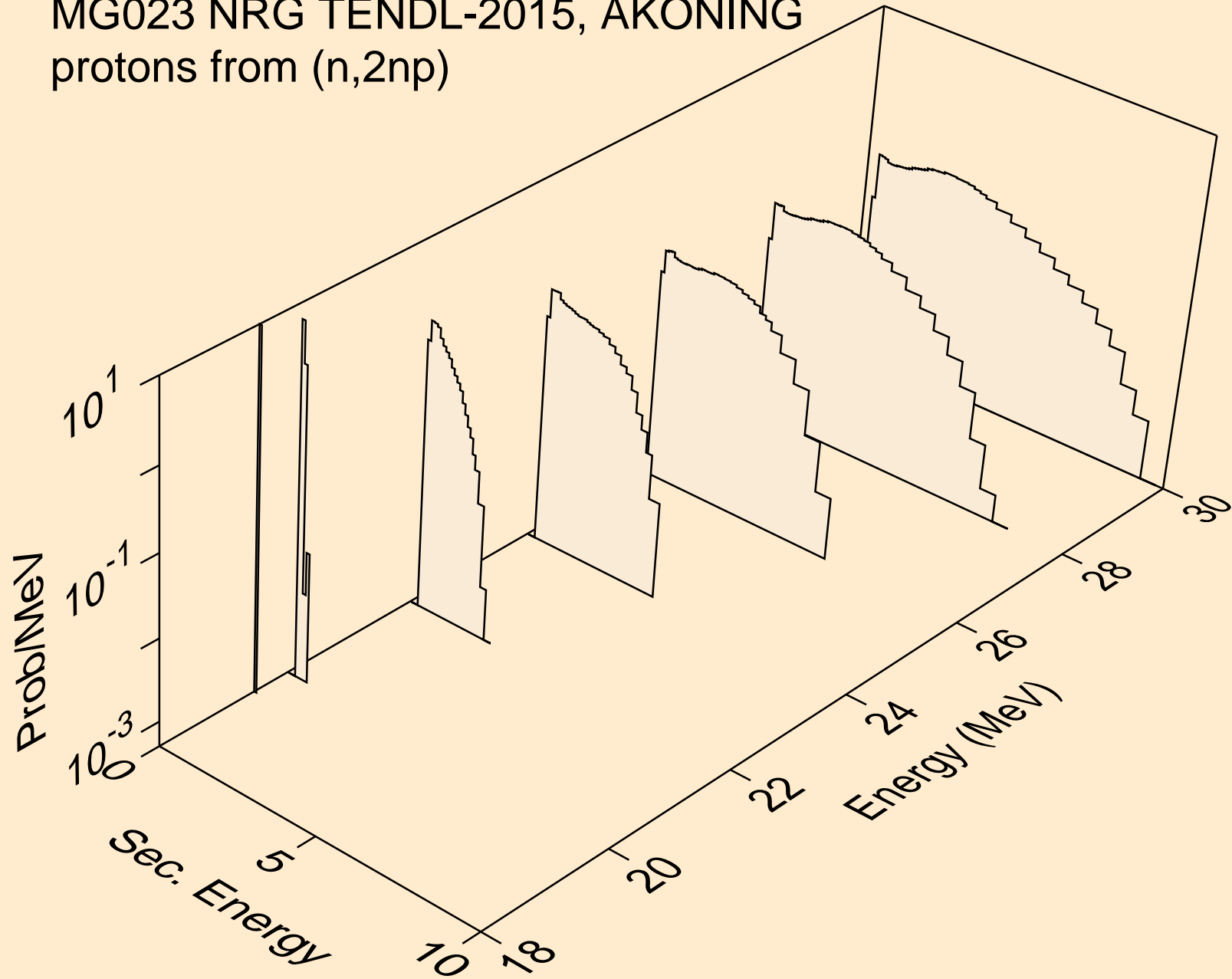
MG023 NRG TENDL-2015, AKONING  
protons from (n,x)



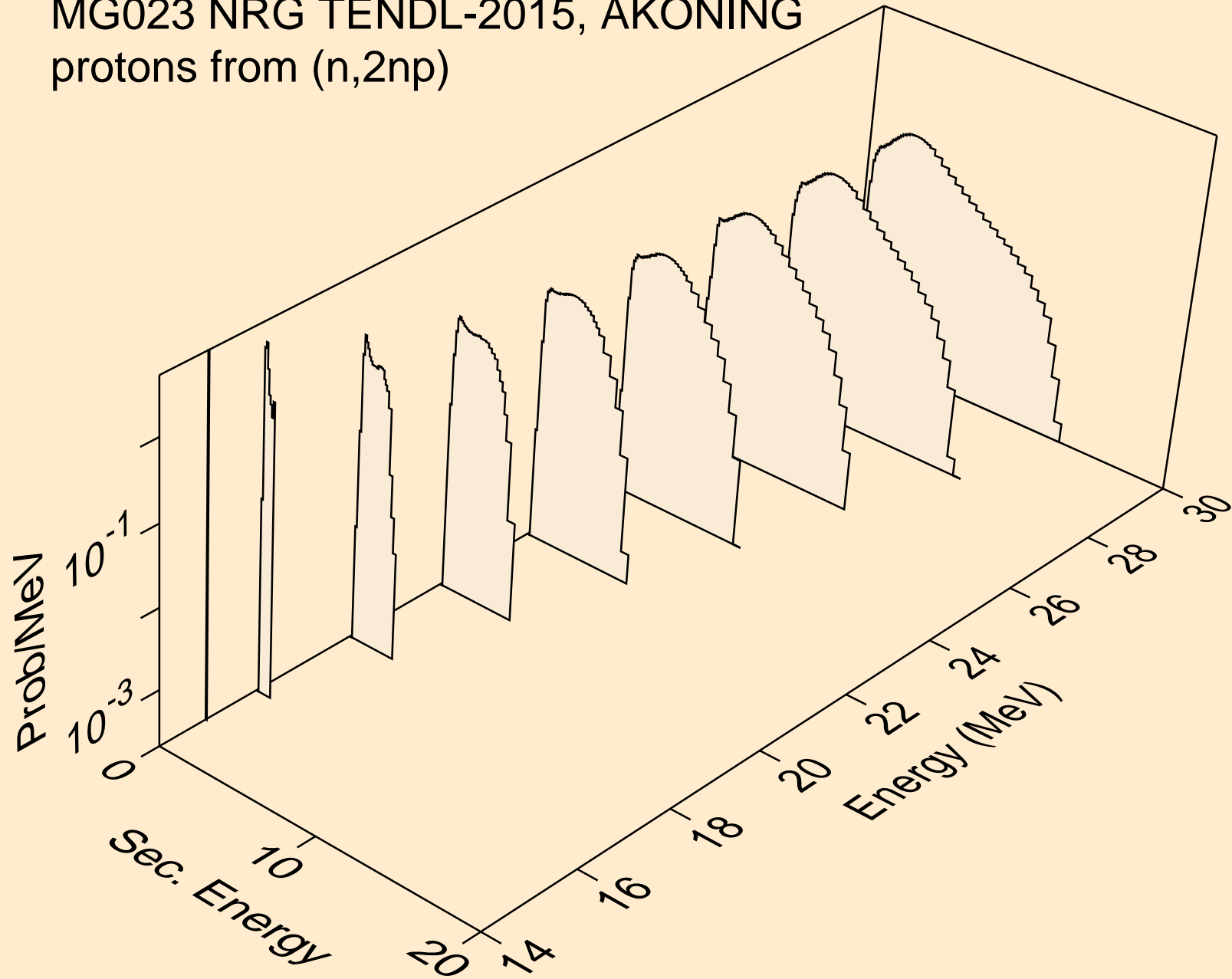
MG023 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



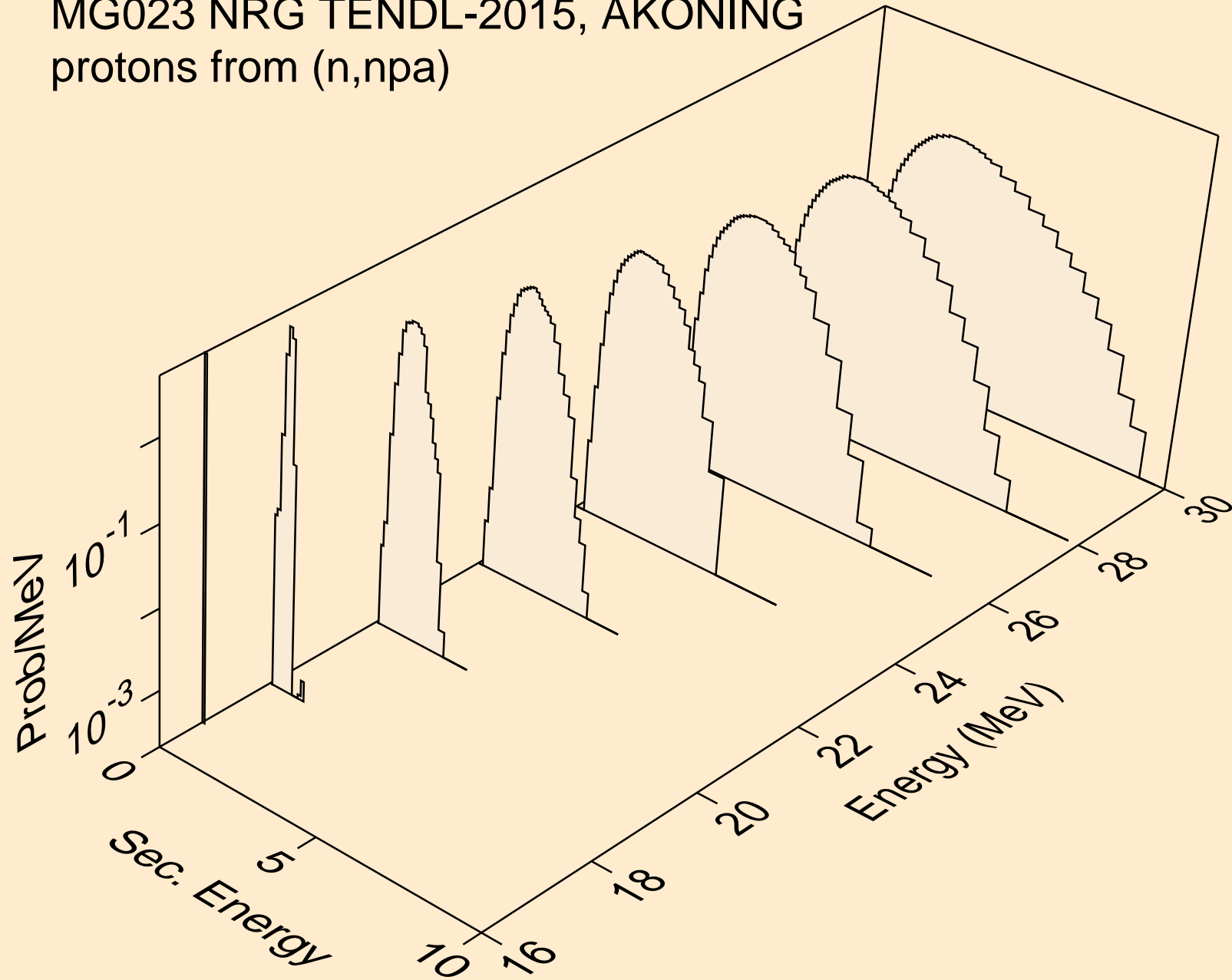
MG023 NRG TENDL-2015, AKONING  
protons from (n,2np)



MG023 NRG TENDL-2015, AKONING  
protons from (n,2np)

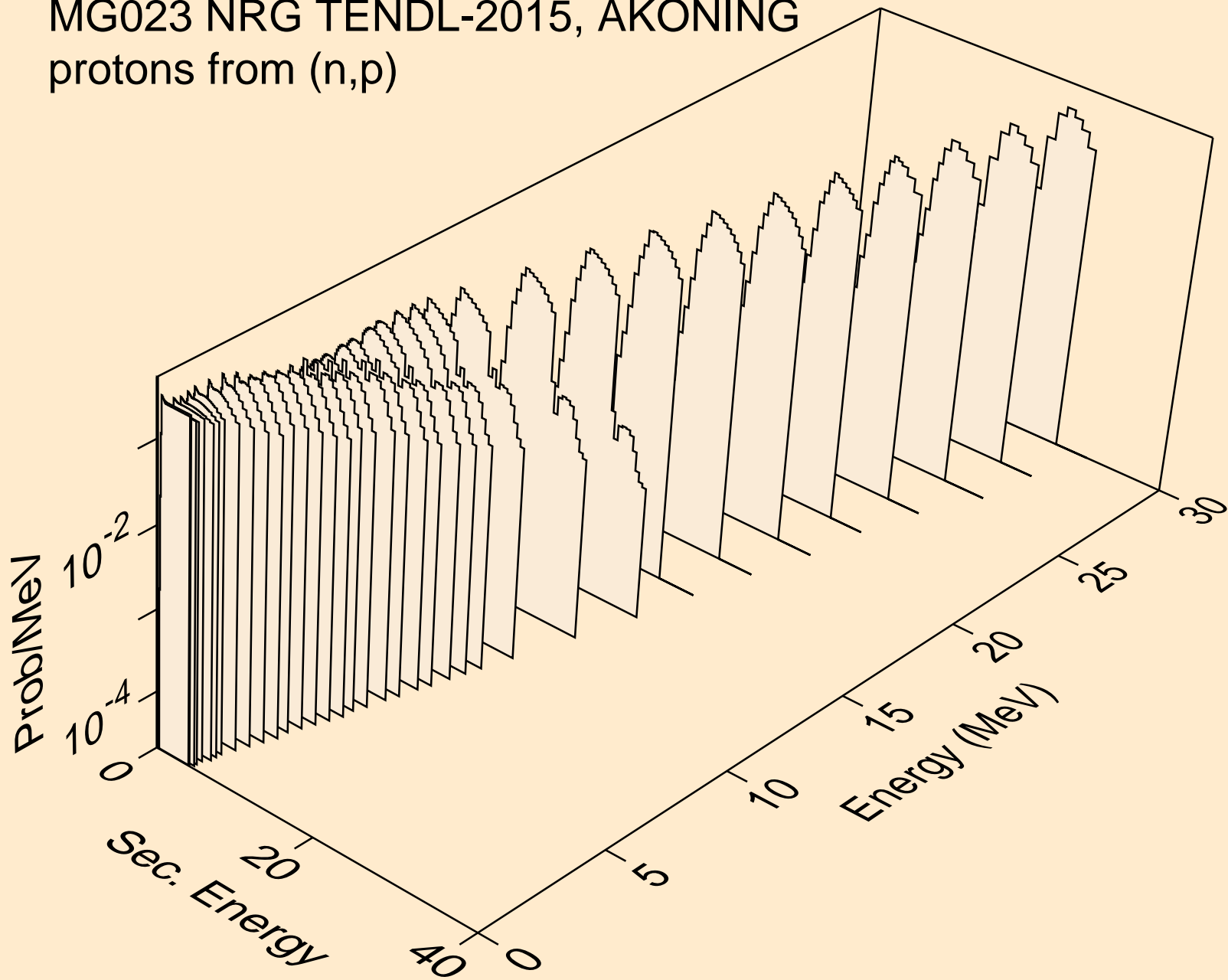


MG023 NRG TENDL-2015, AKONING  
protons from (n,npa)

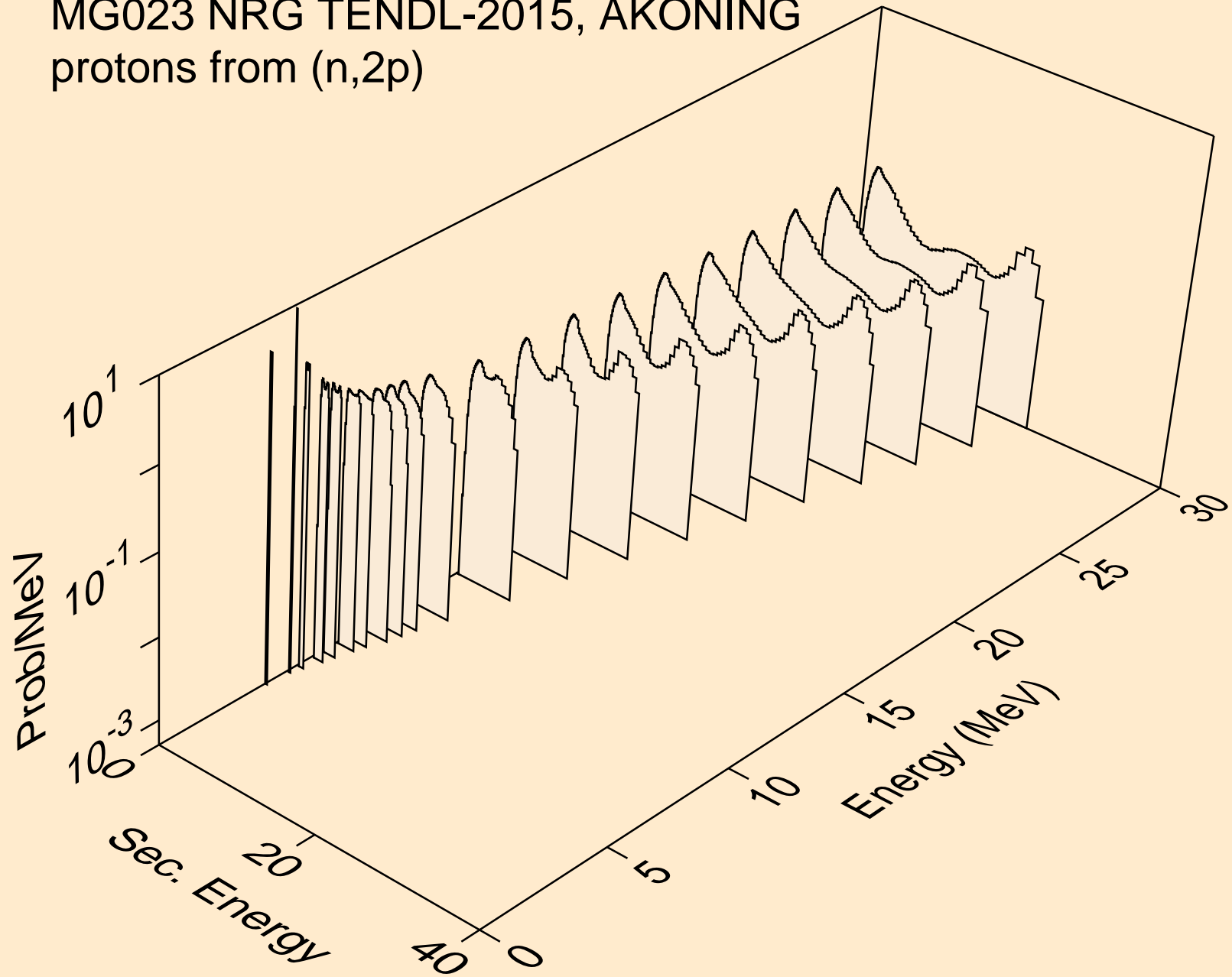




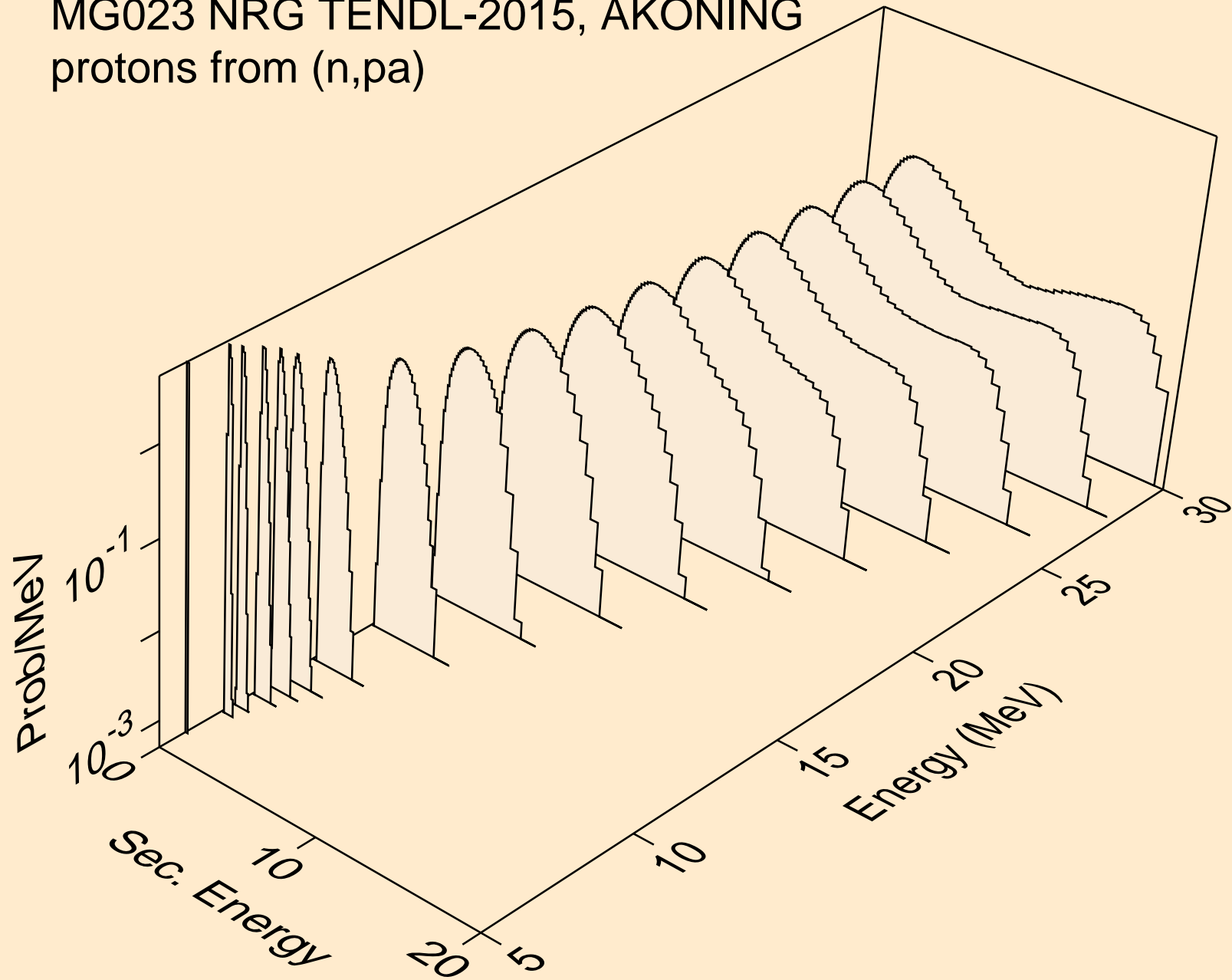
MG023 NRG TENDL-2015, AKONING  
protons from (n,p)



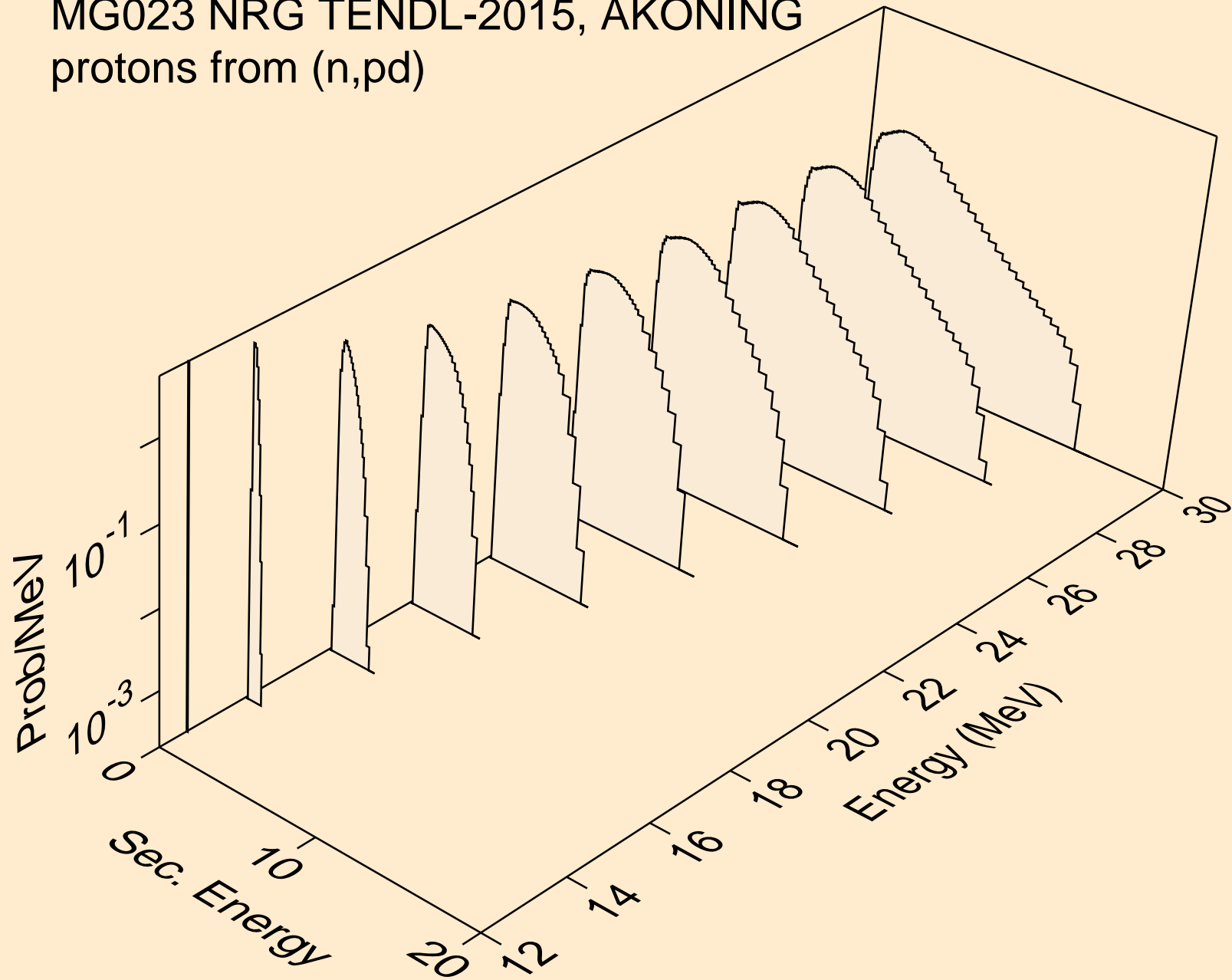
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protons from (n,2p)



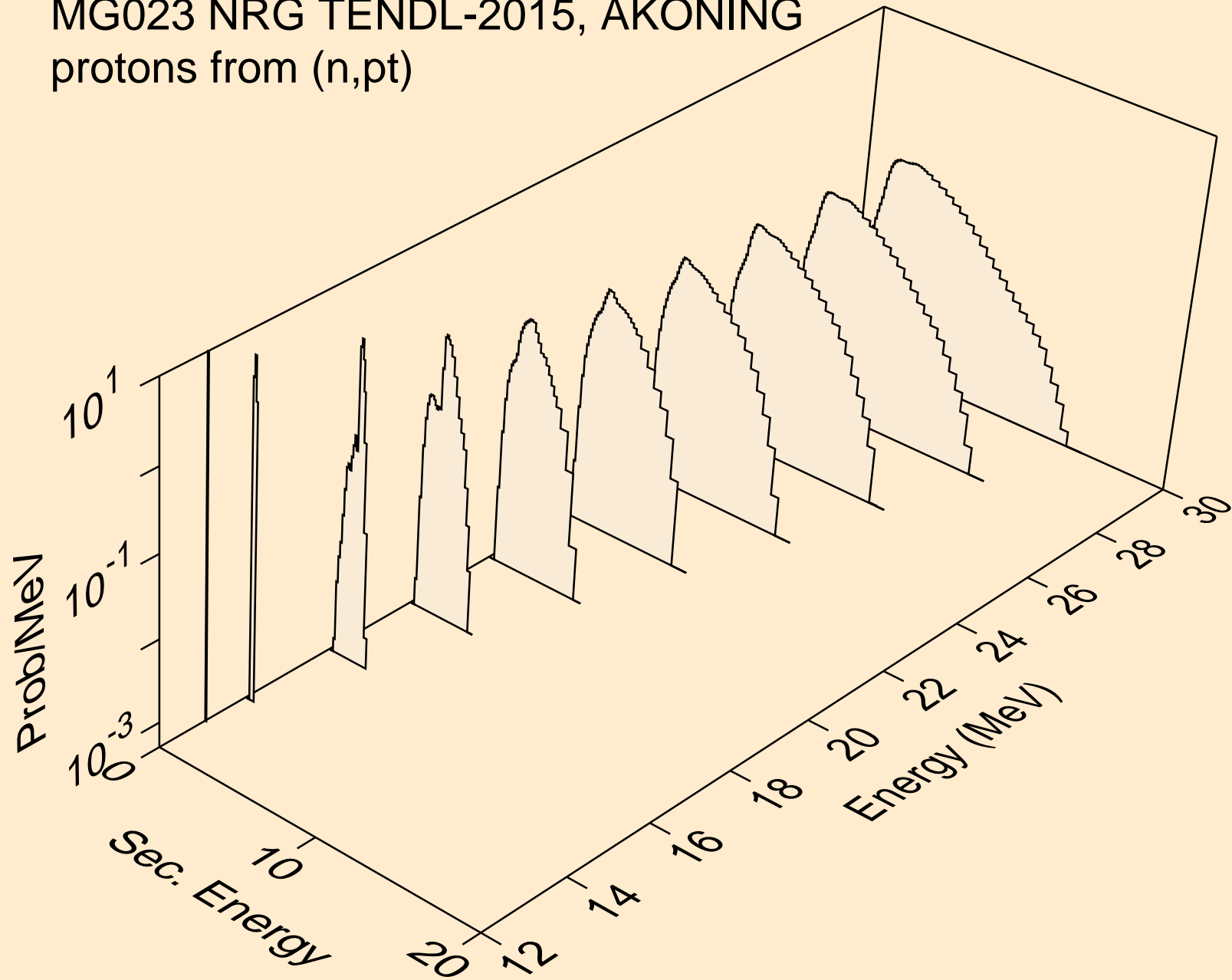
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protons from (n,pa)



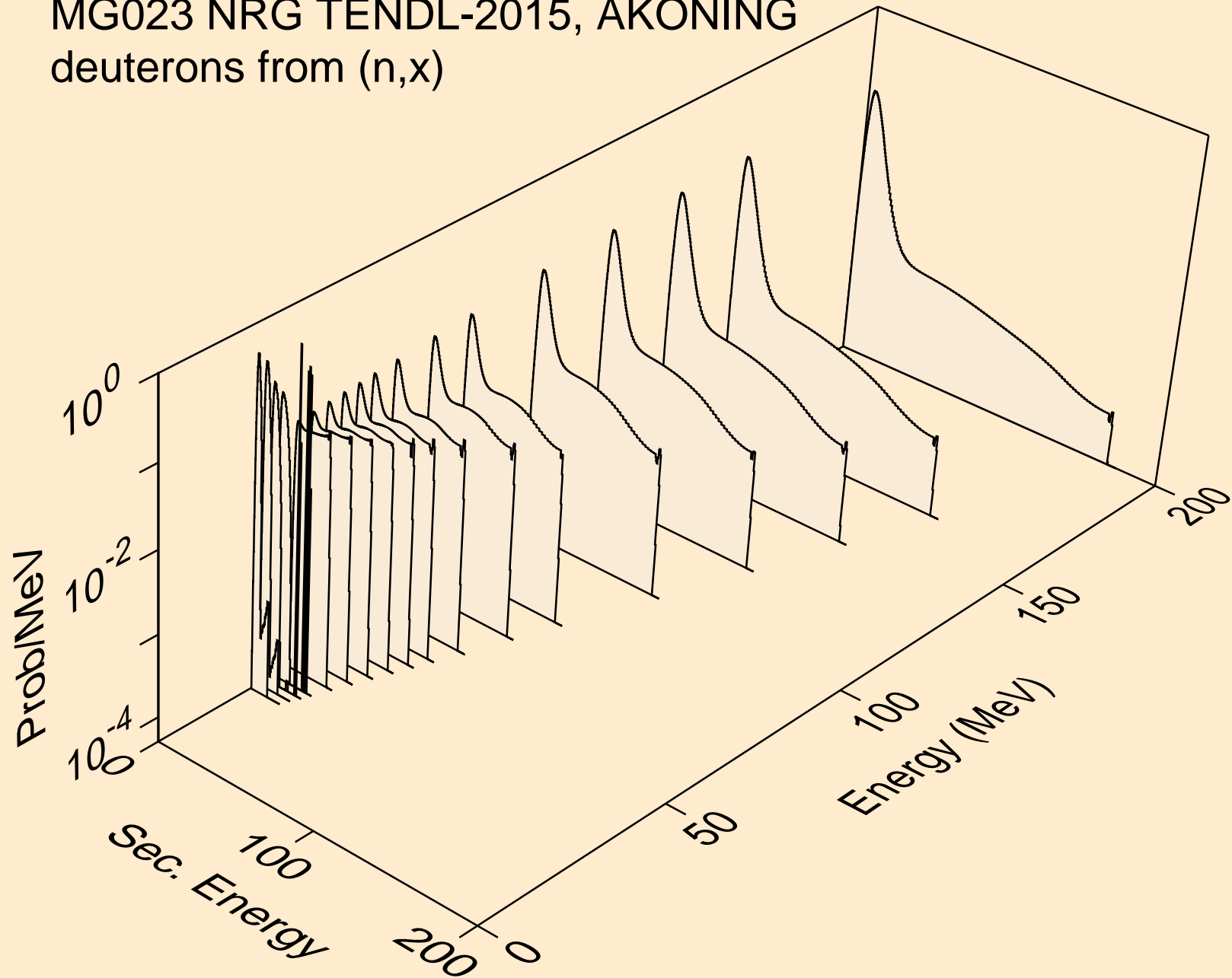
MG023 NRG TENDL-2015, AKONING  
protons from (n,pd)



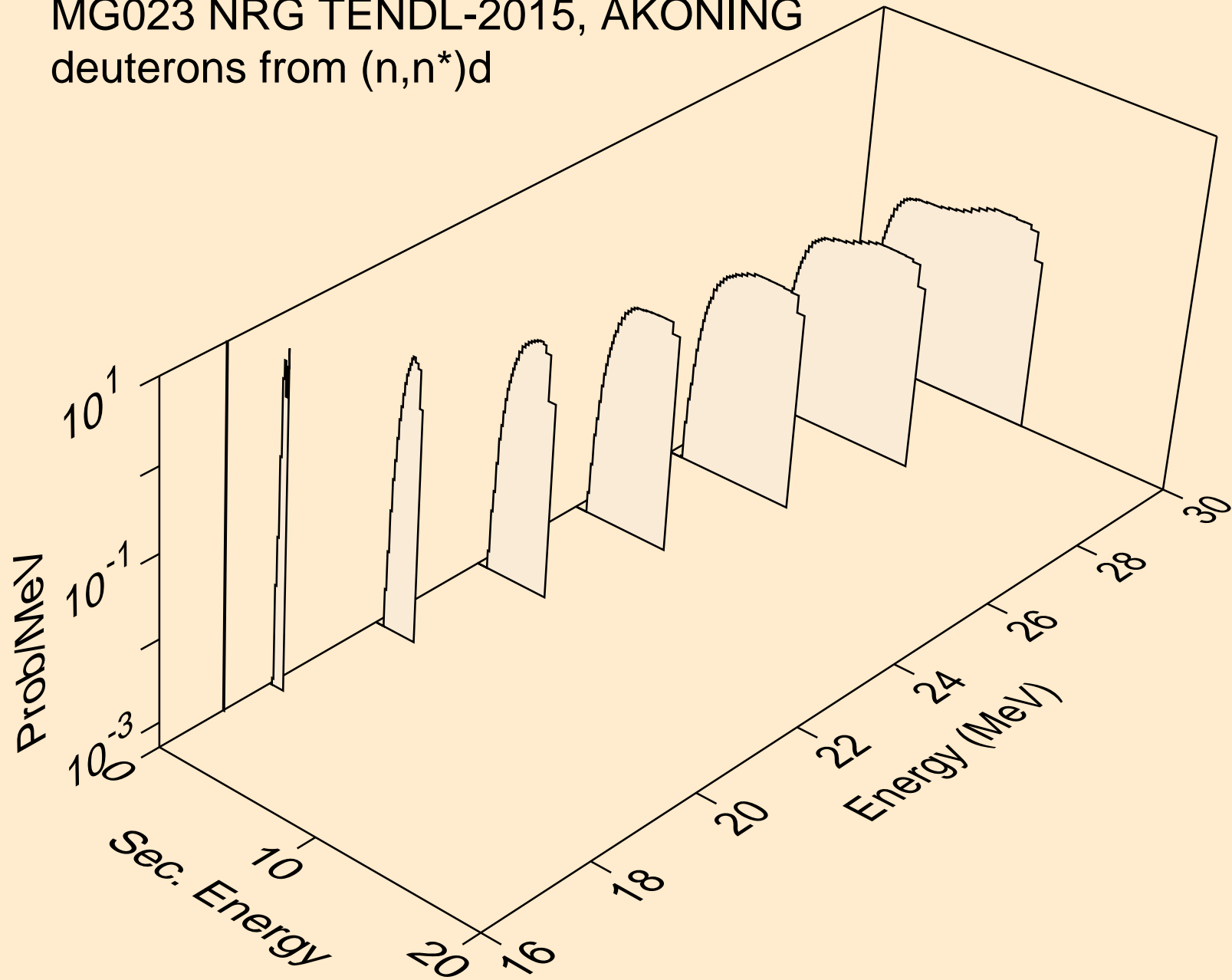
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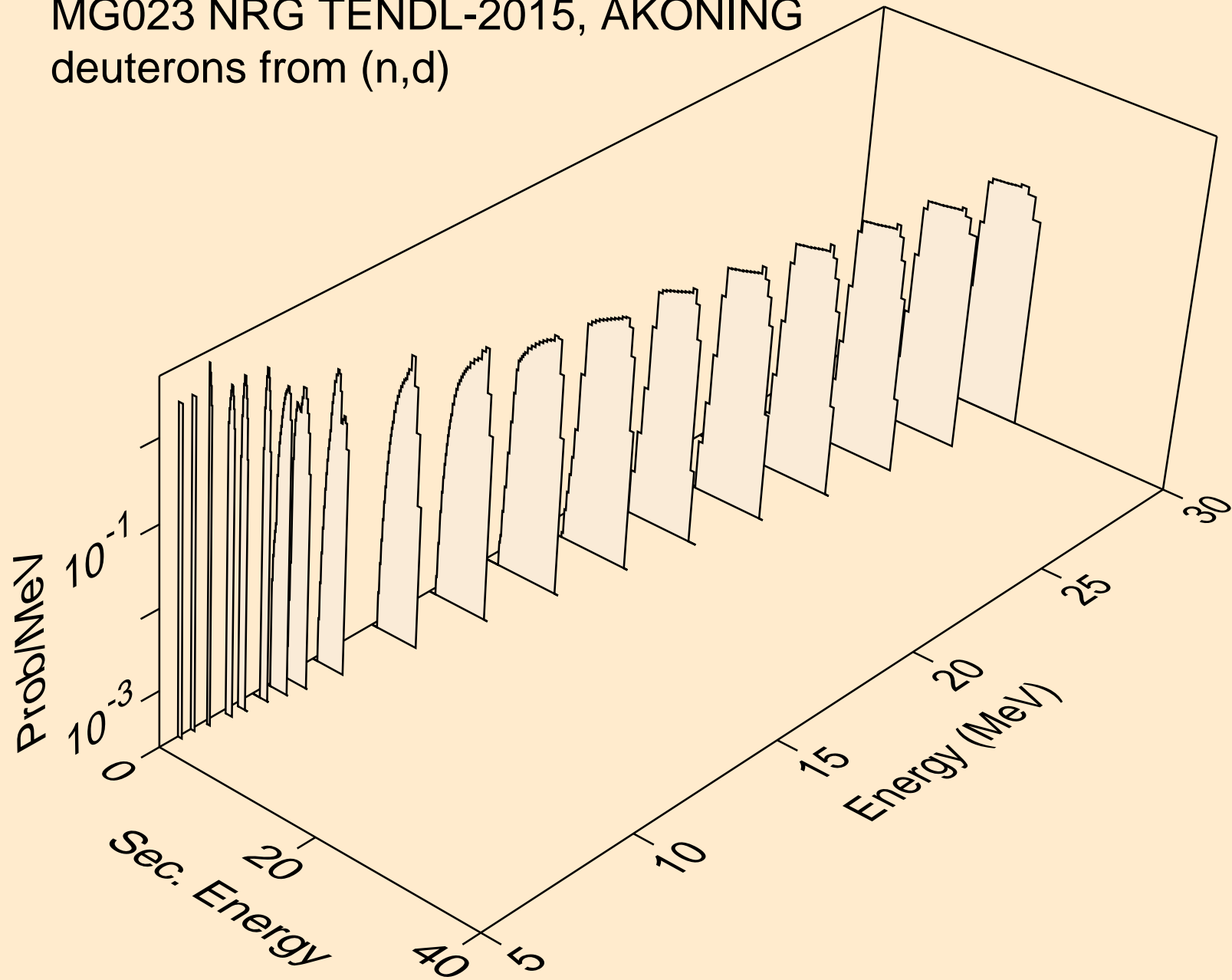
MG023 NRG TENDL-2015, AKONING  
deuterons from (n,x)



MG023 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

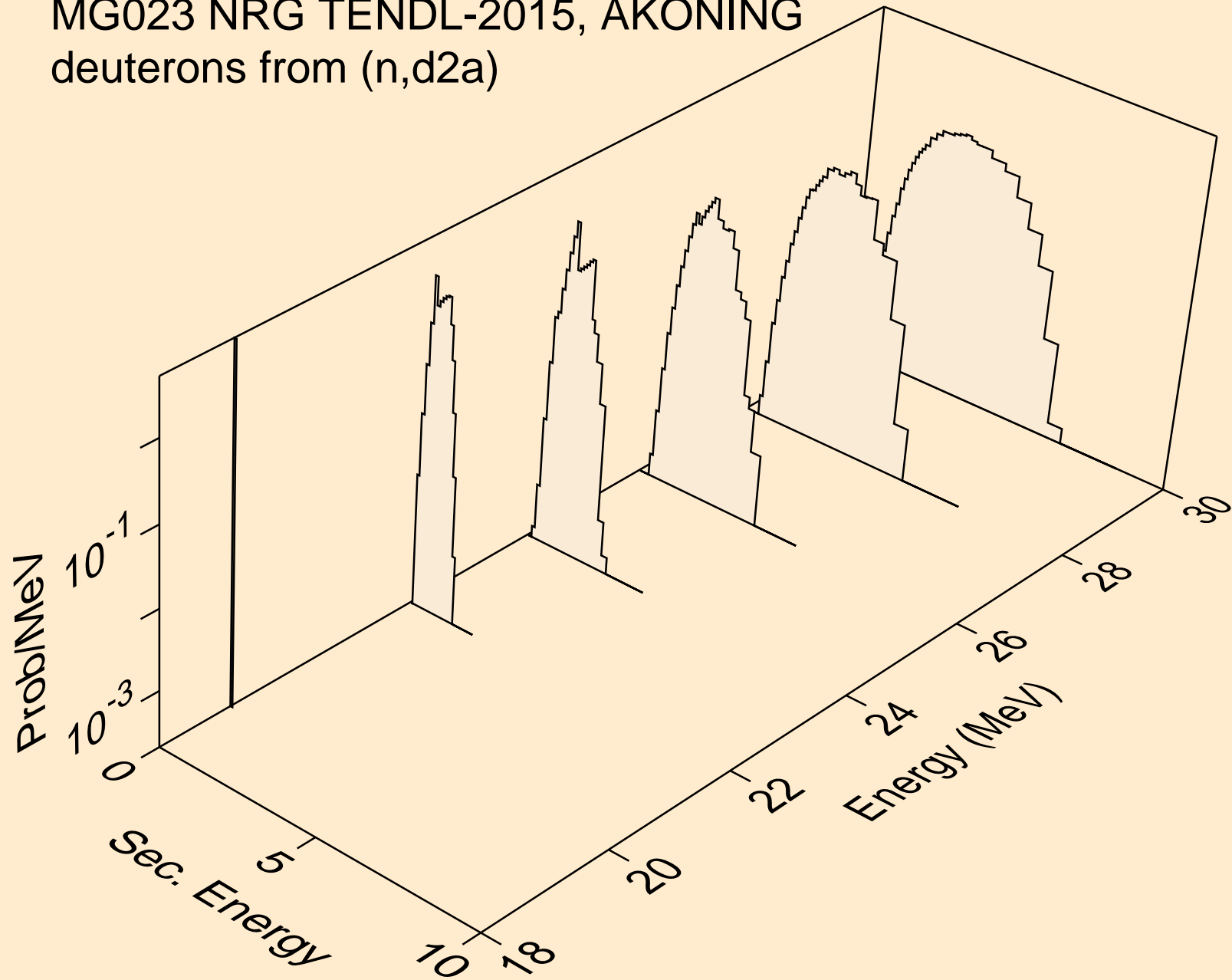


MG023 NRG TENDL-2015, AKONING  
deuterons from (n,d)

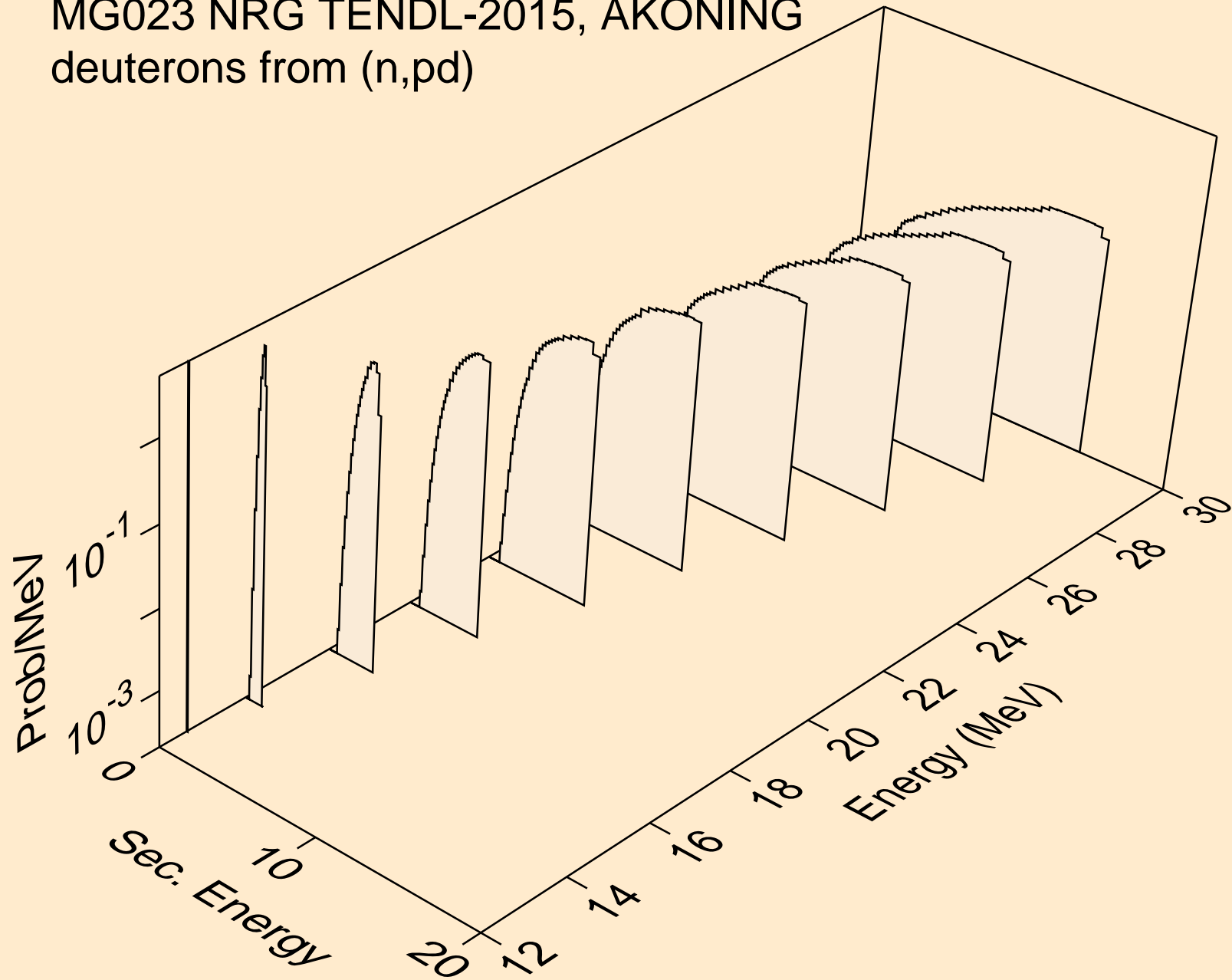




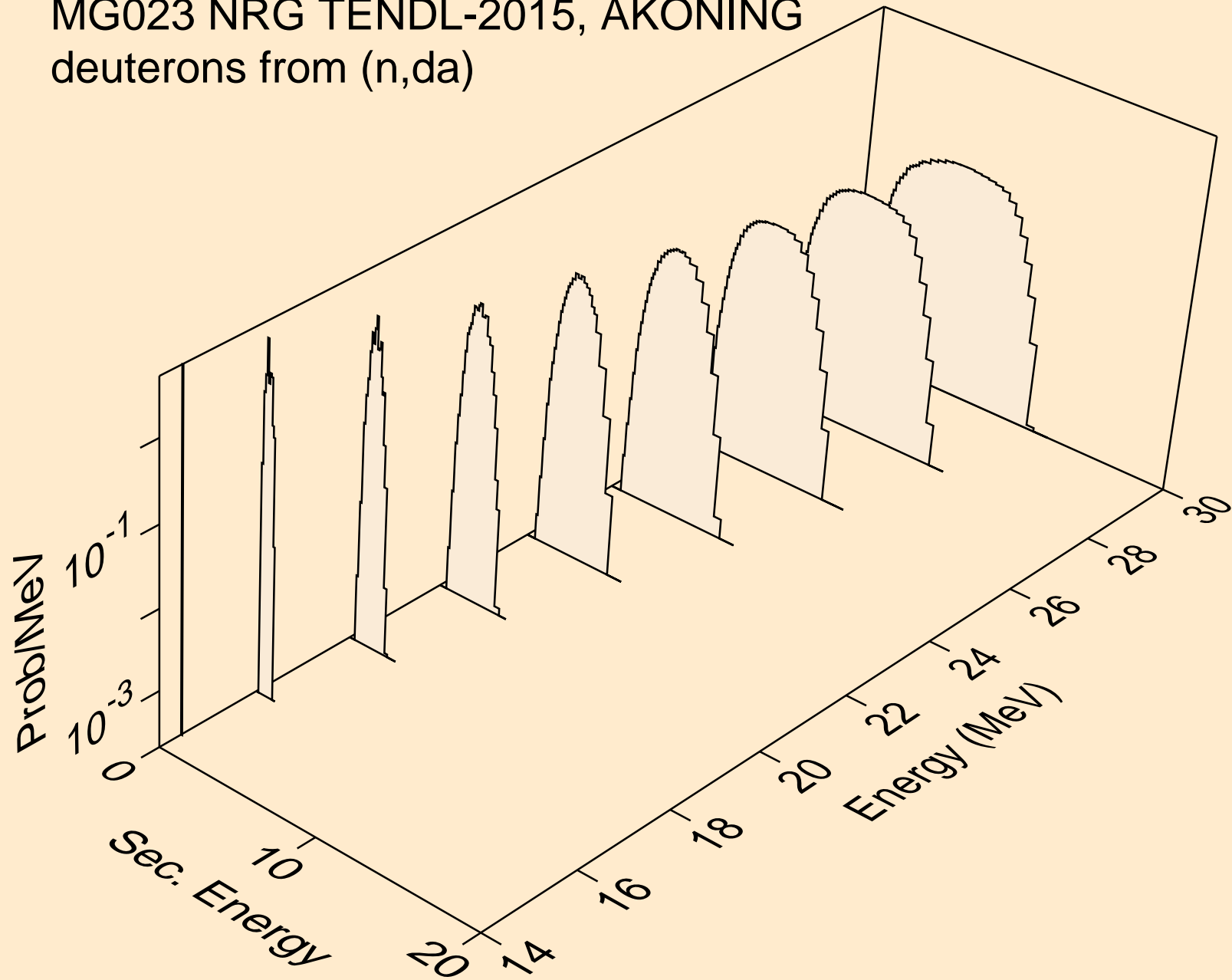
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deuterons from (n,d2a)



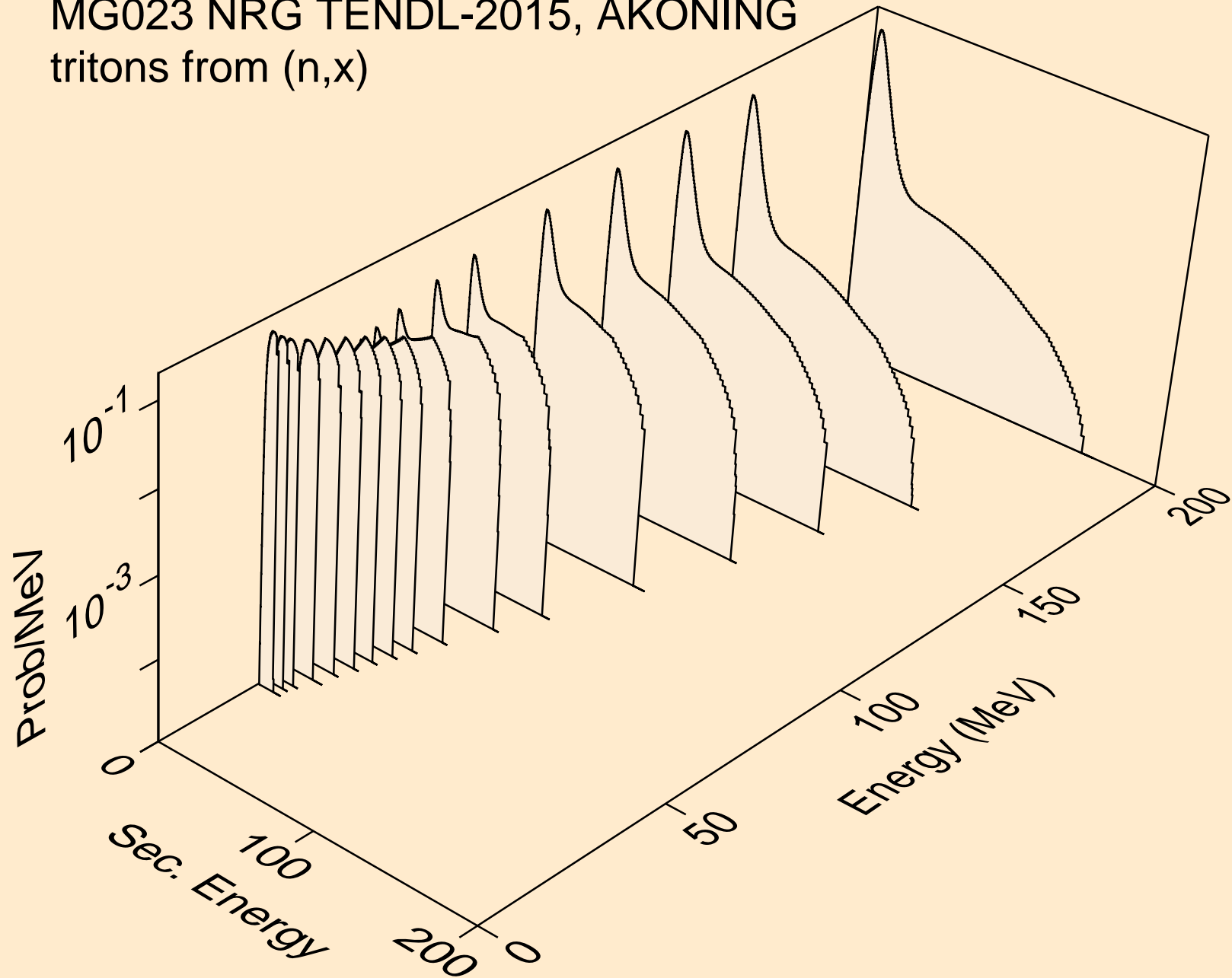
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deuterons from (n,pd)



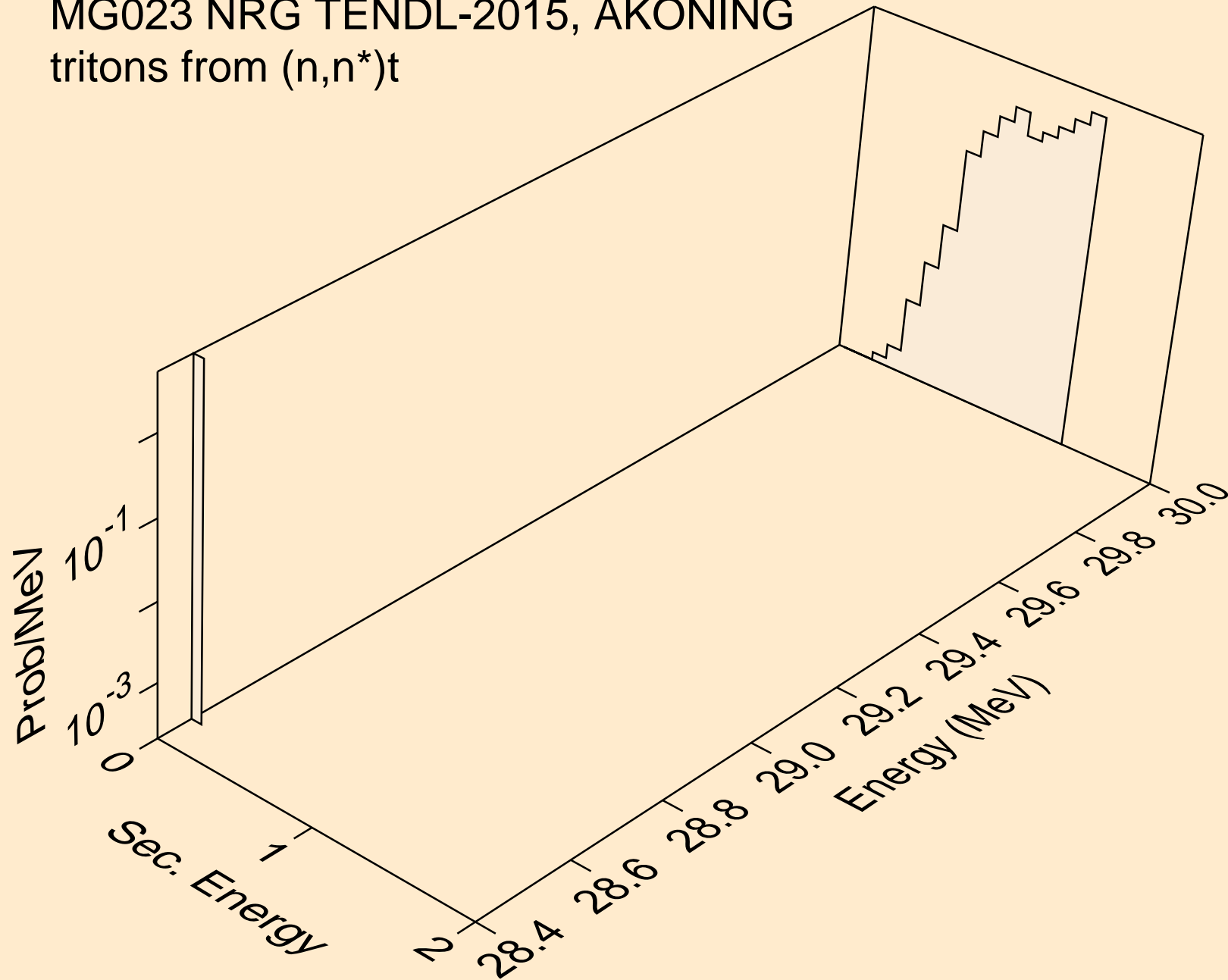
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deuterons from (n,da)



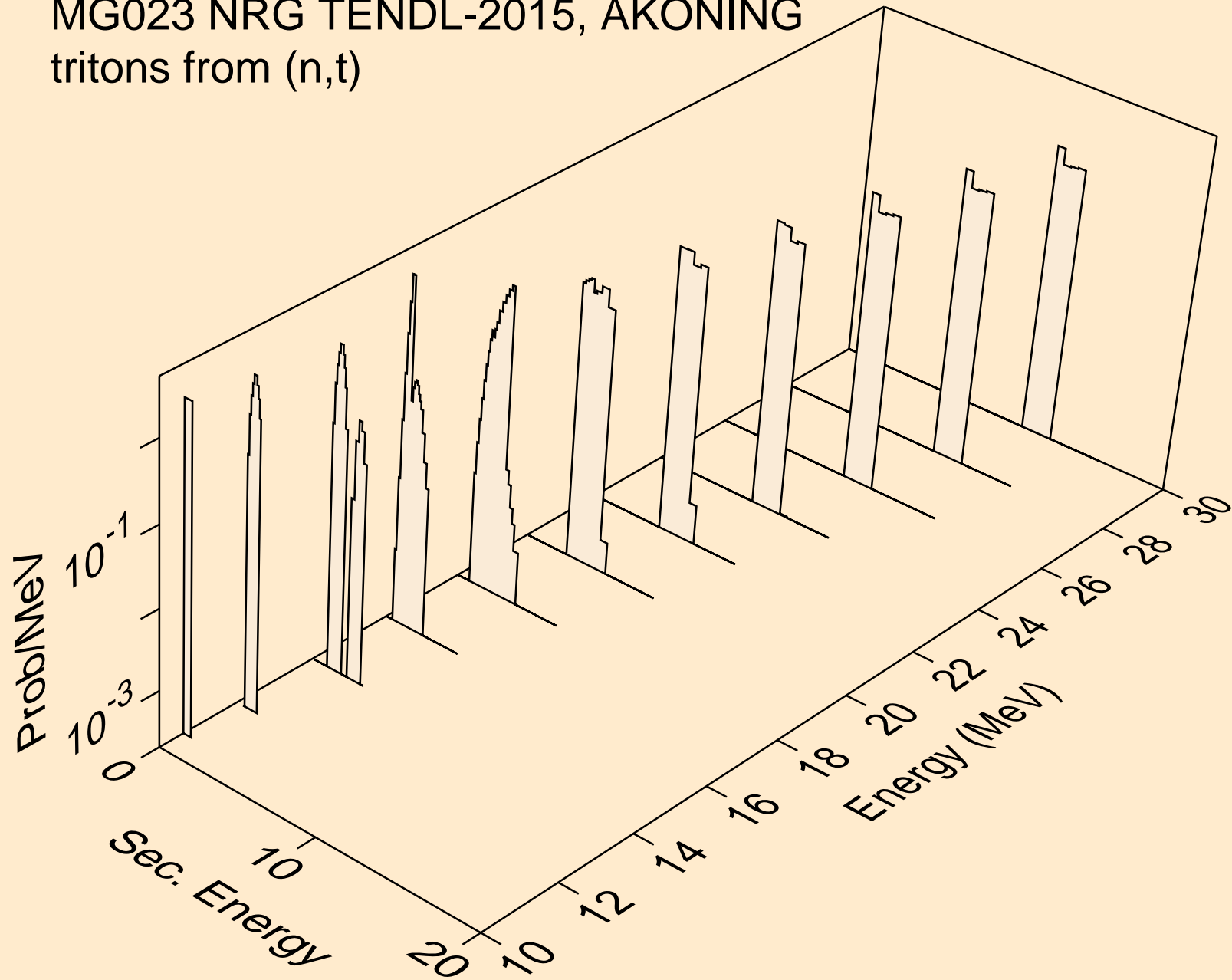
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tritons from (n,x)



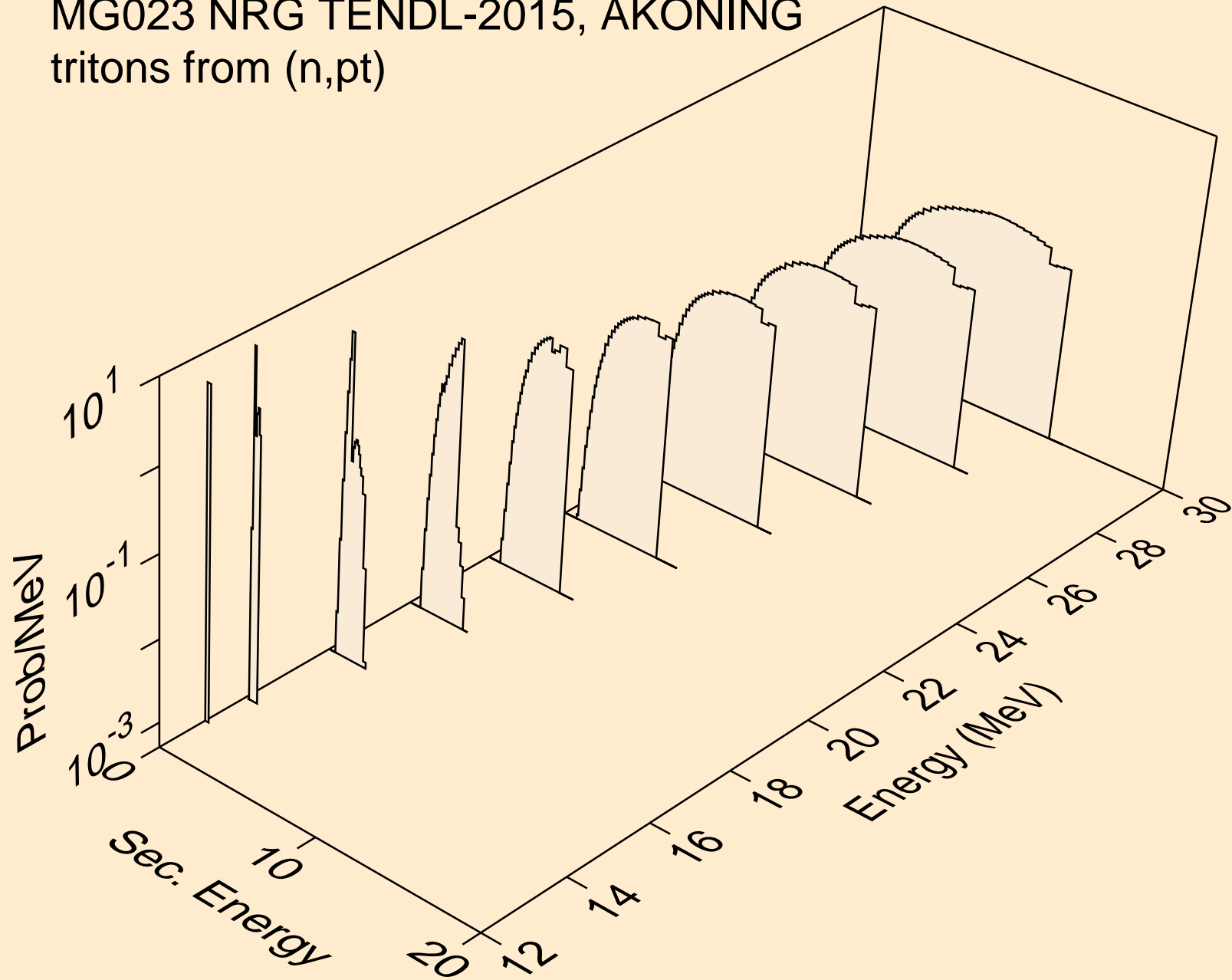
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tritons from (n,n\*)t



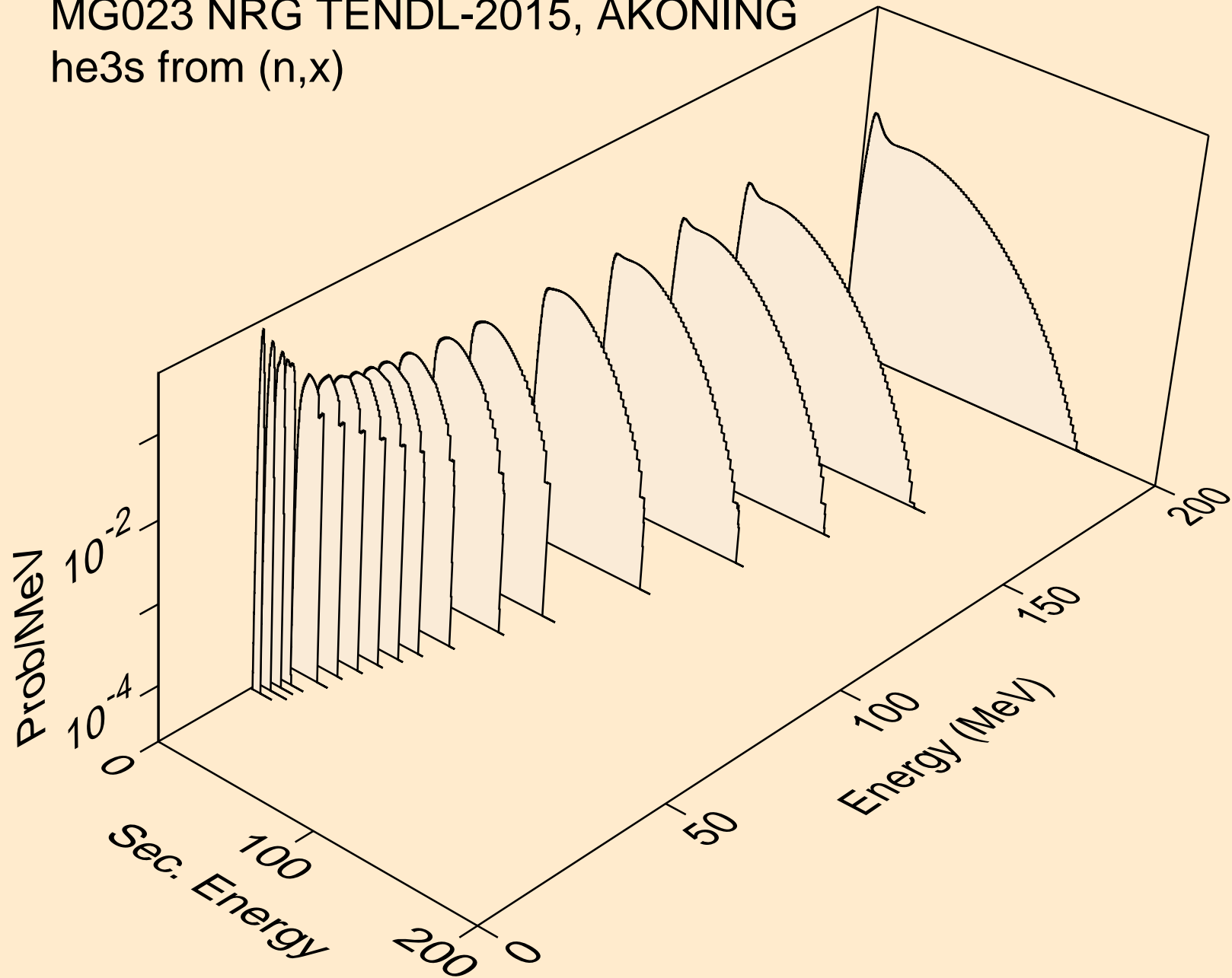
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tritons from (n,t)



MG023 NRG TENDL-2015, AKONING  
tritons from (n,pt)

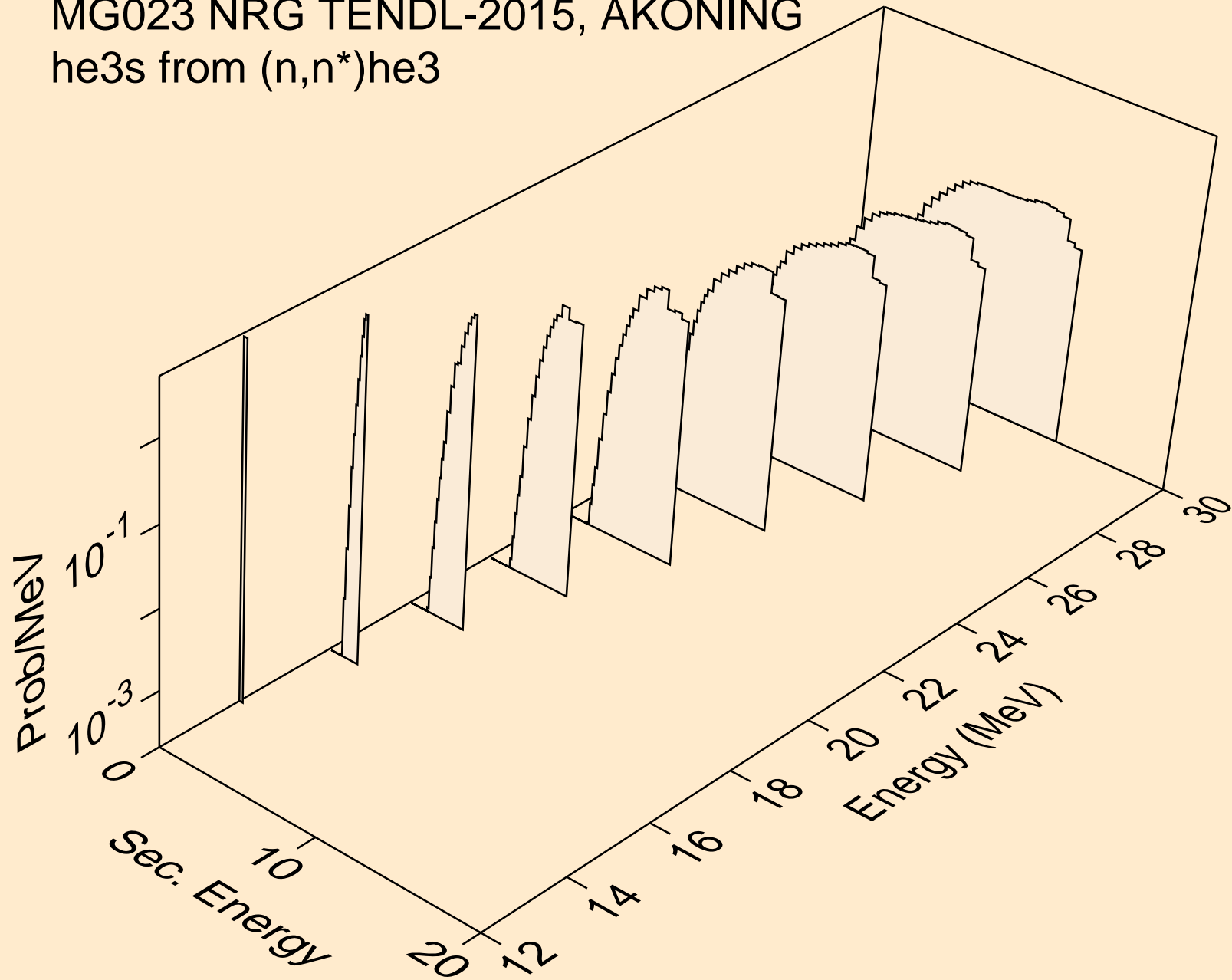


MG023 NRG TENDL-2015, AKONING  
he3s from (n,x)

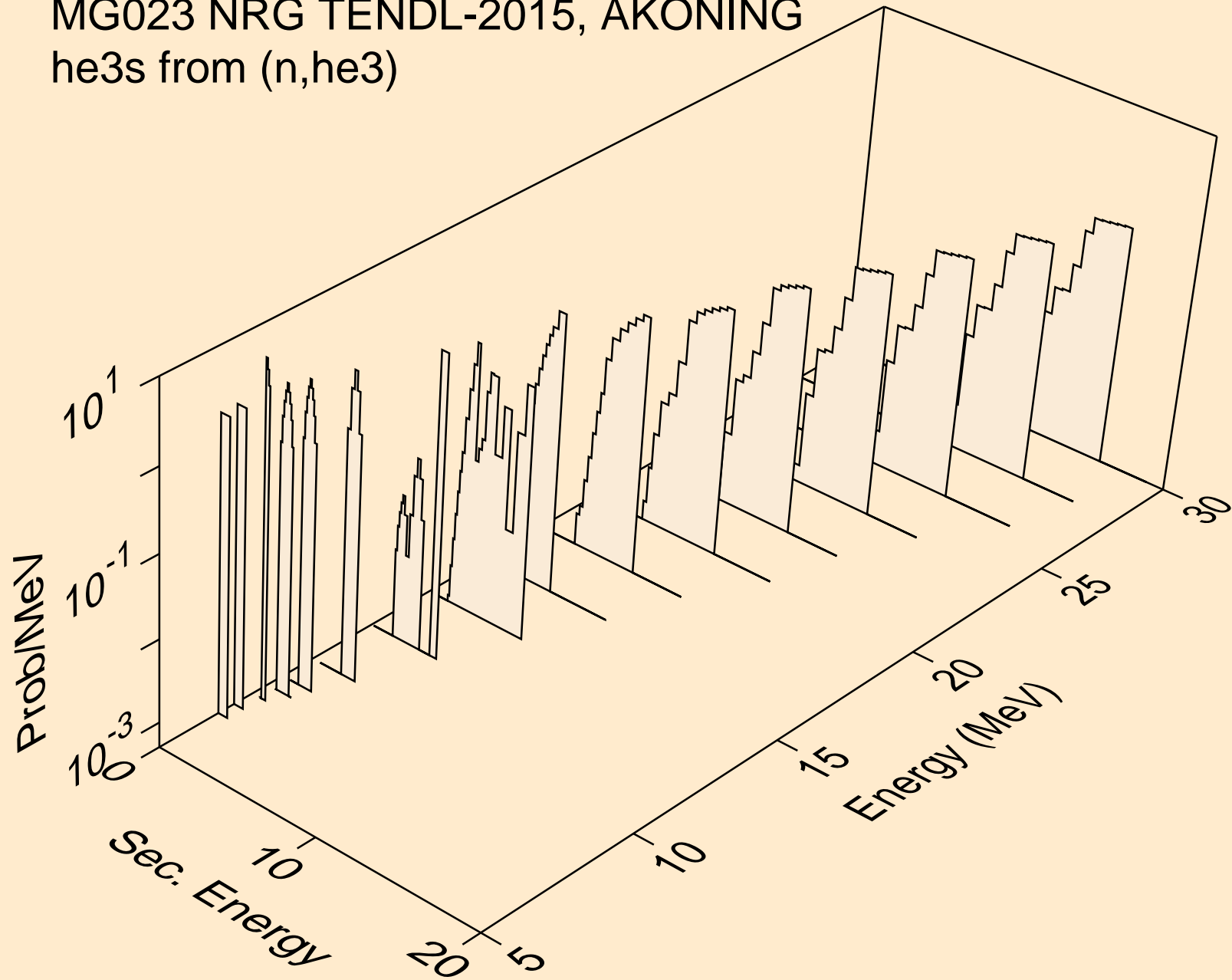




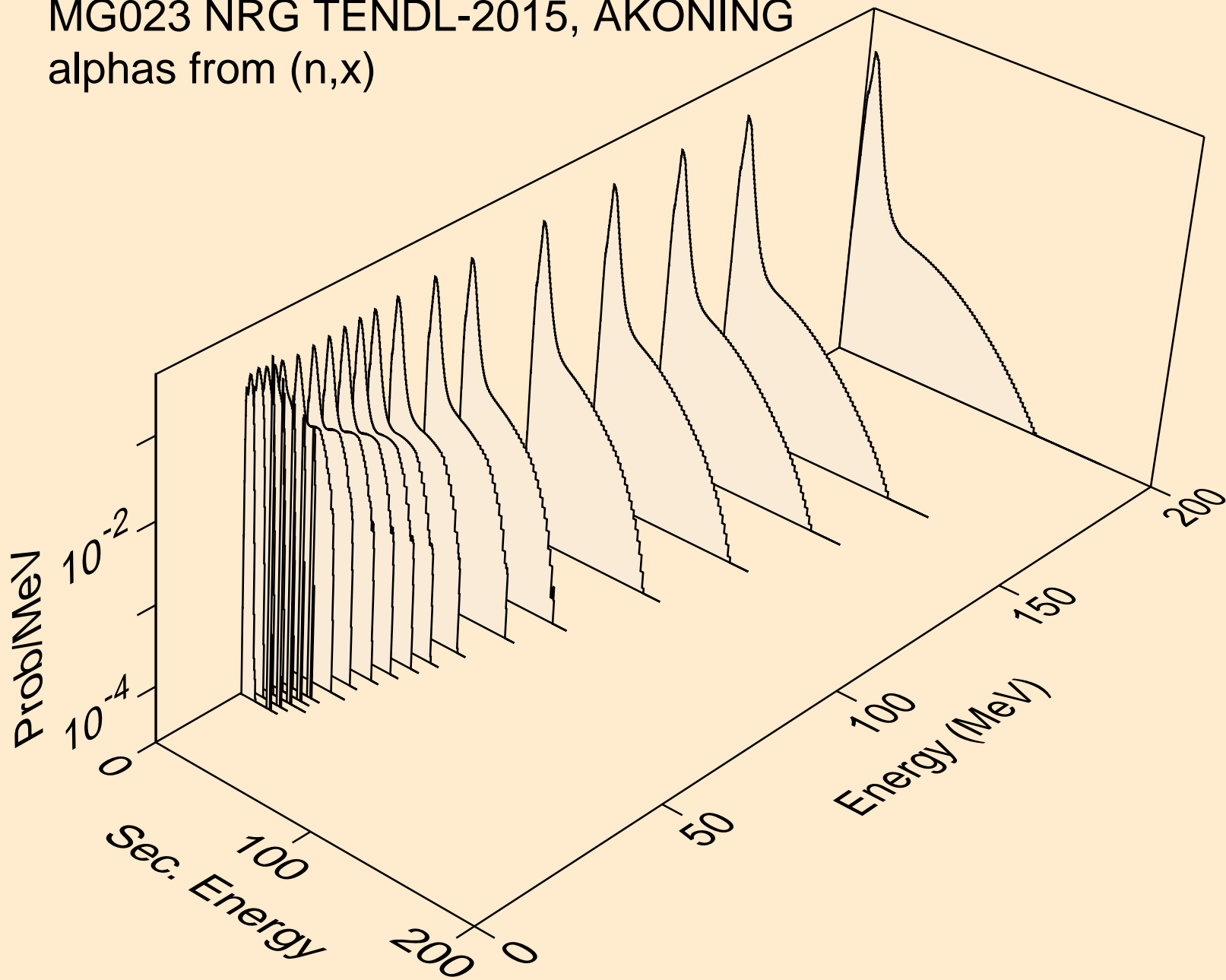
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he3s from (n,n\*)he3



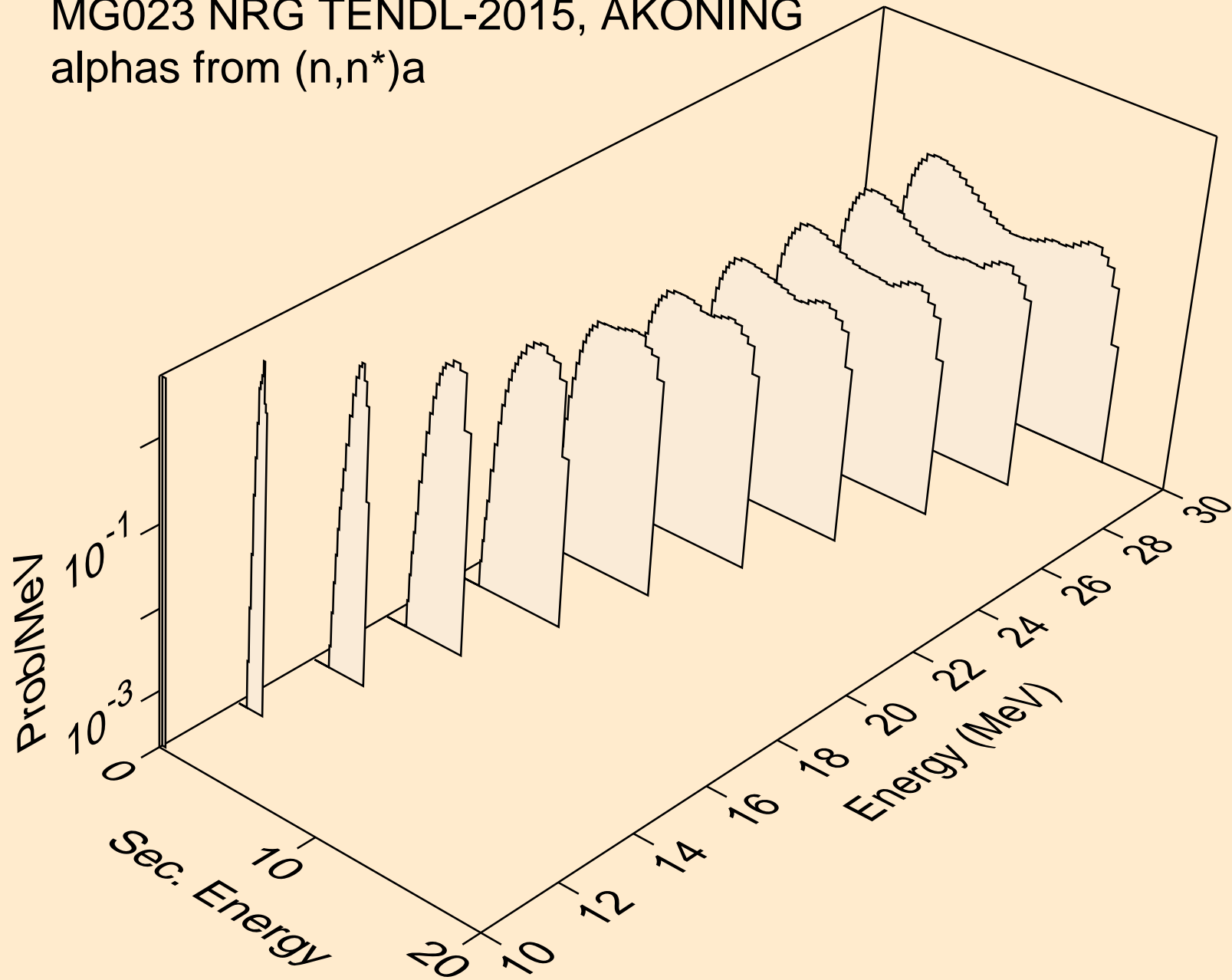
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he3s from (n,he3)



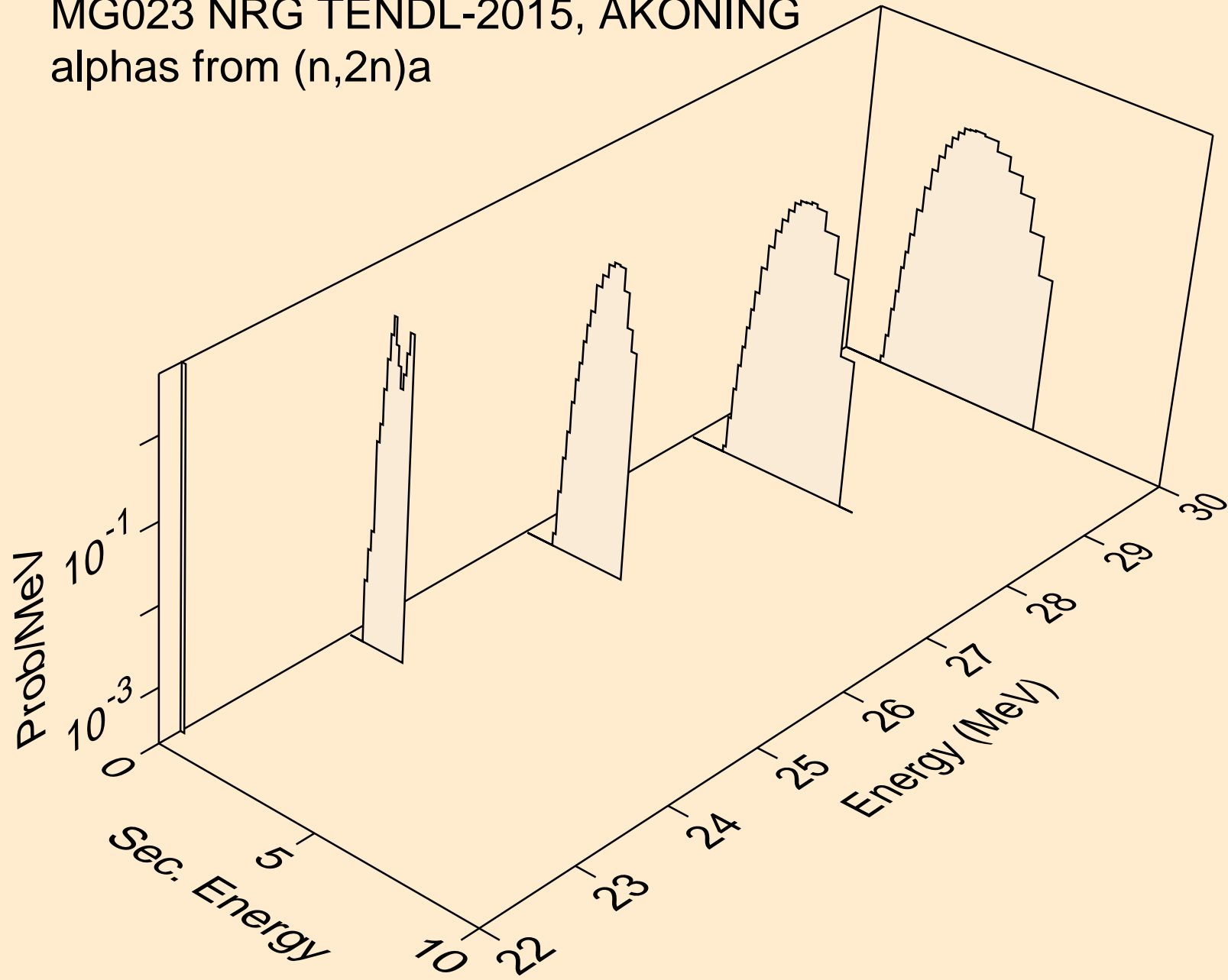
MG023 NRG TENDL-2015, AKONING  
alphas from (n,x)



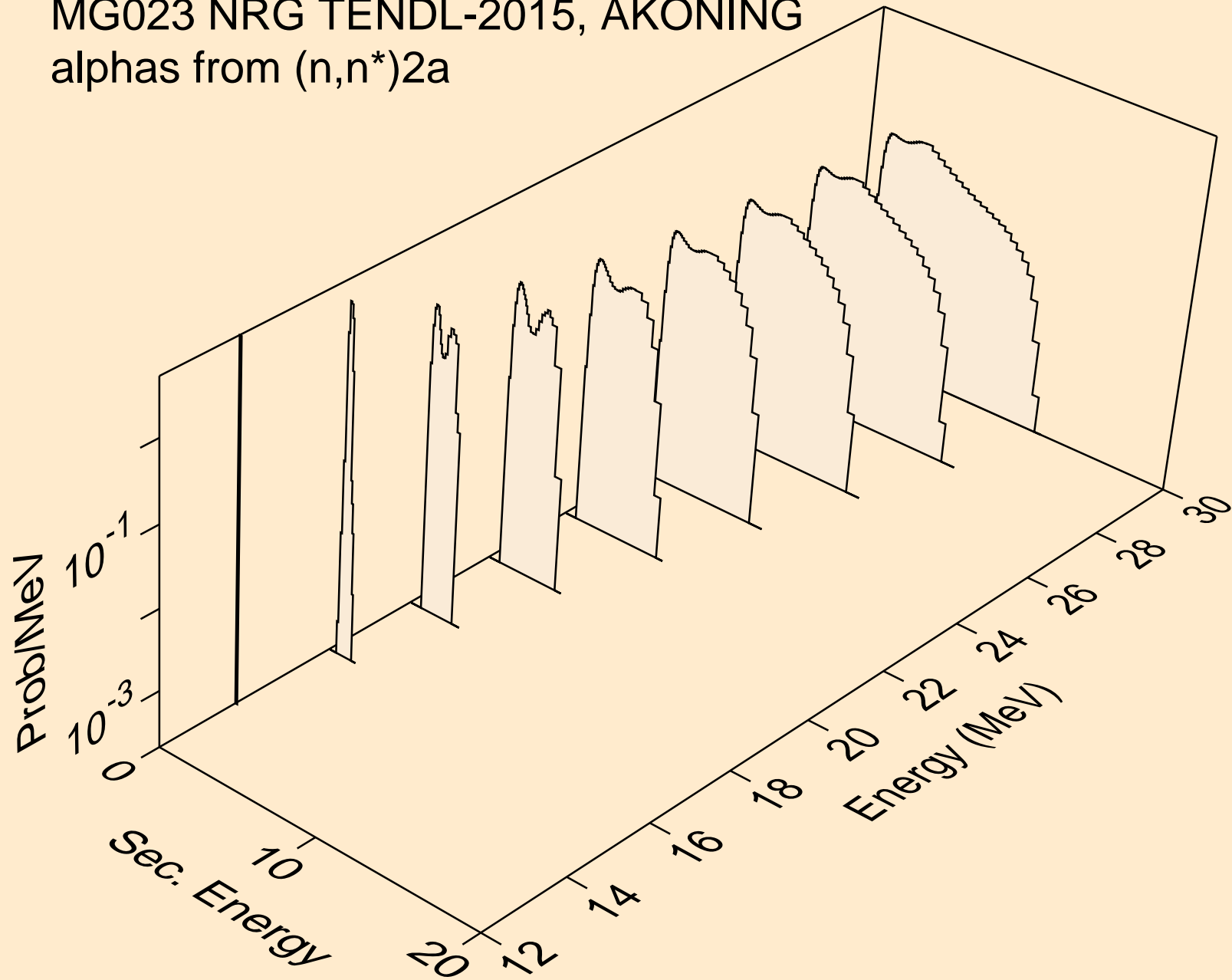
MG023 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



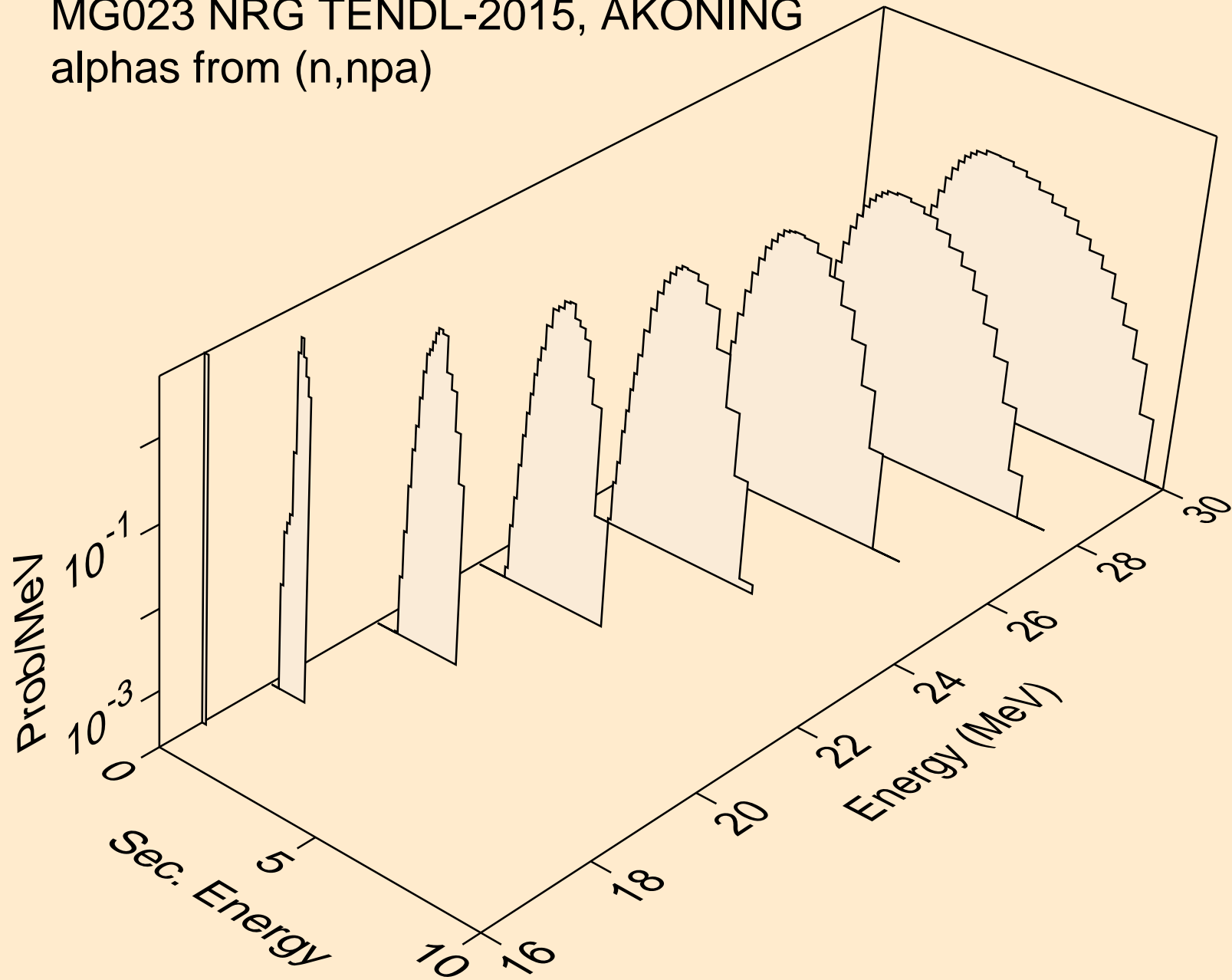
MG023 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



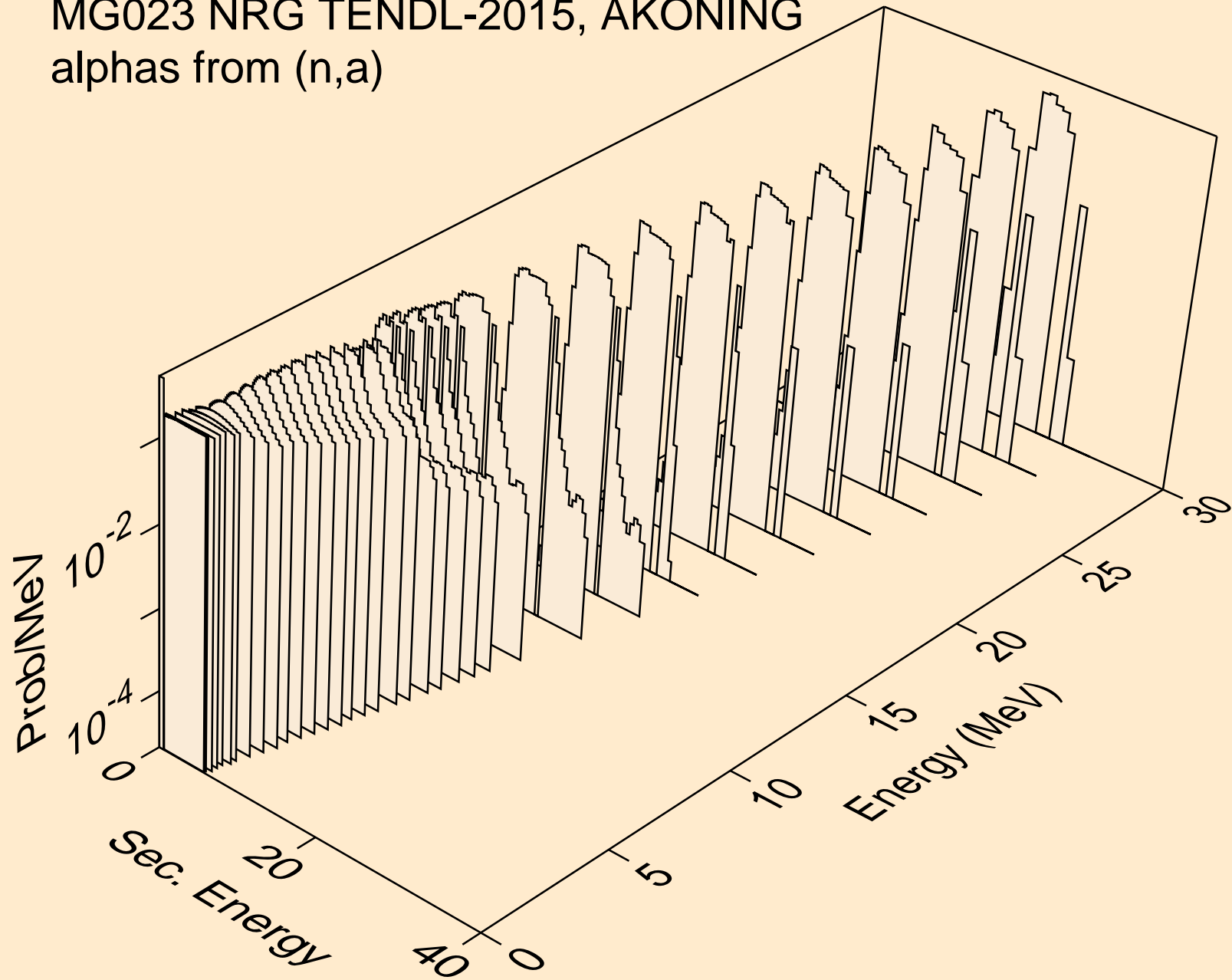
MG023 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



MG023 NRG TENDL-2015, AKONING  
alphas from (n,npa)

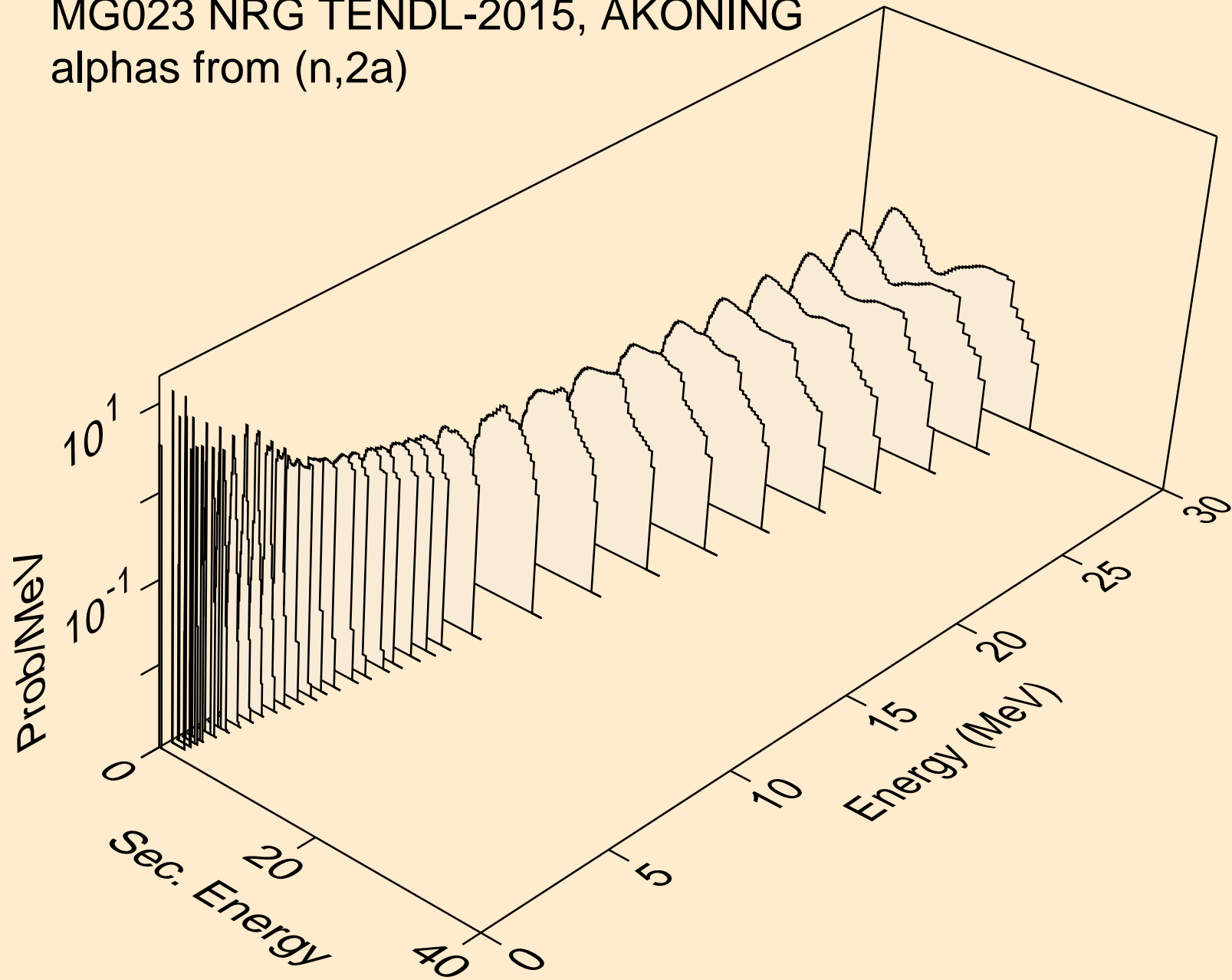


MG023 NRG TENDL-2015, AKONING  
alphas from (n,a)

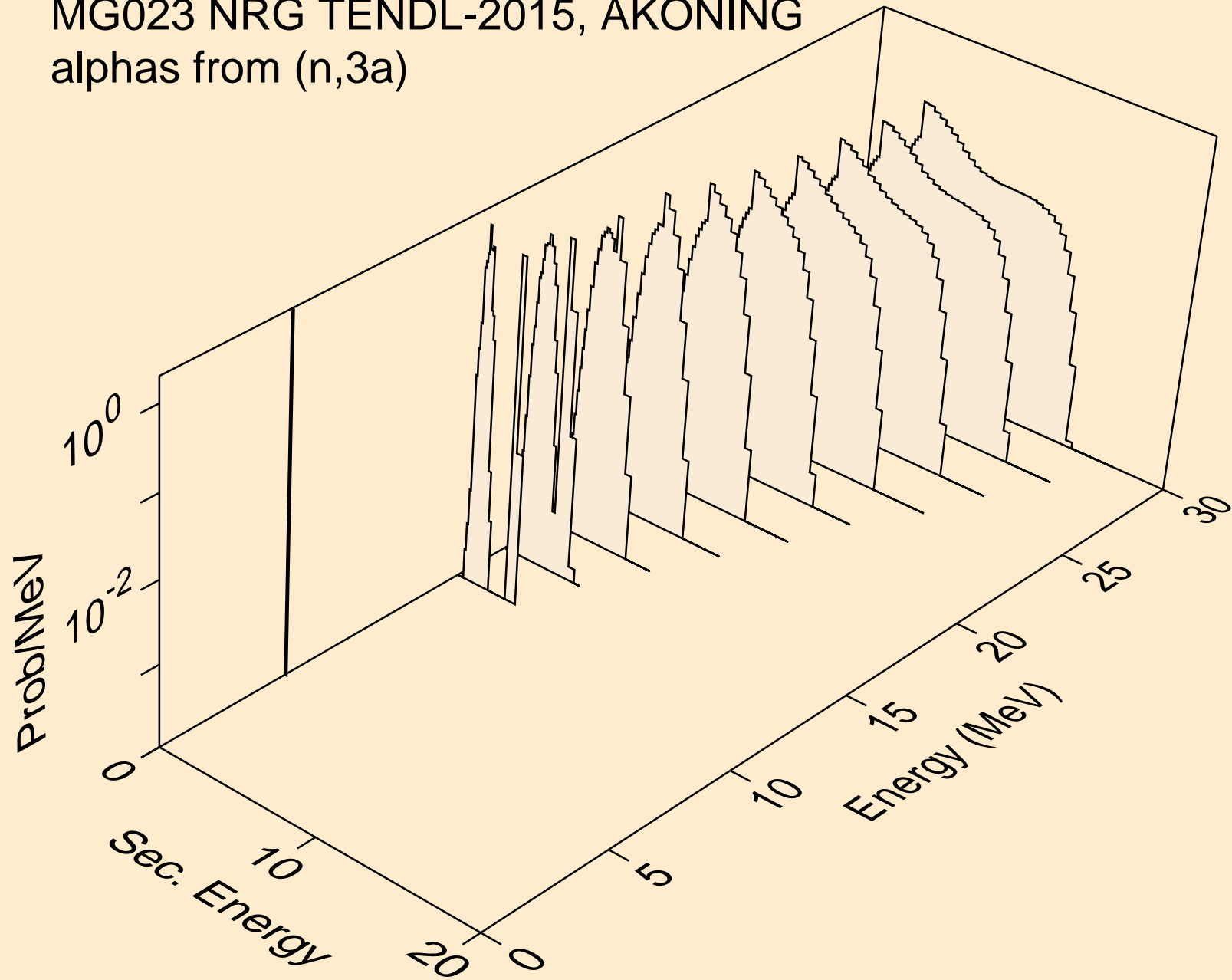




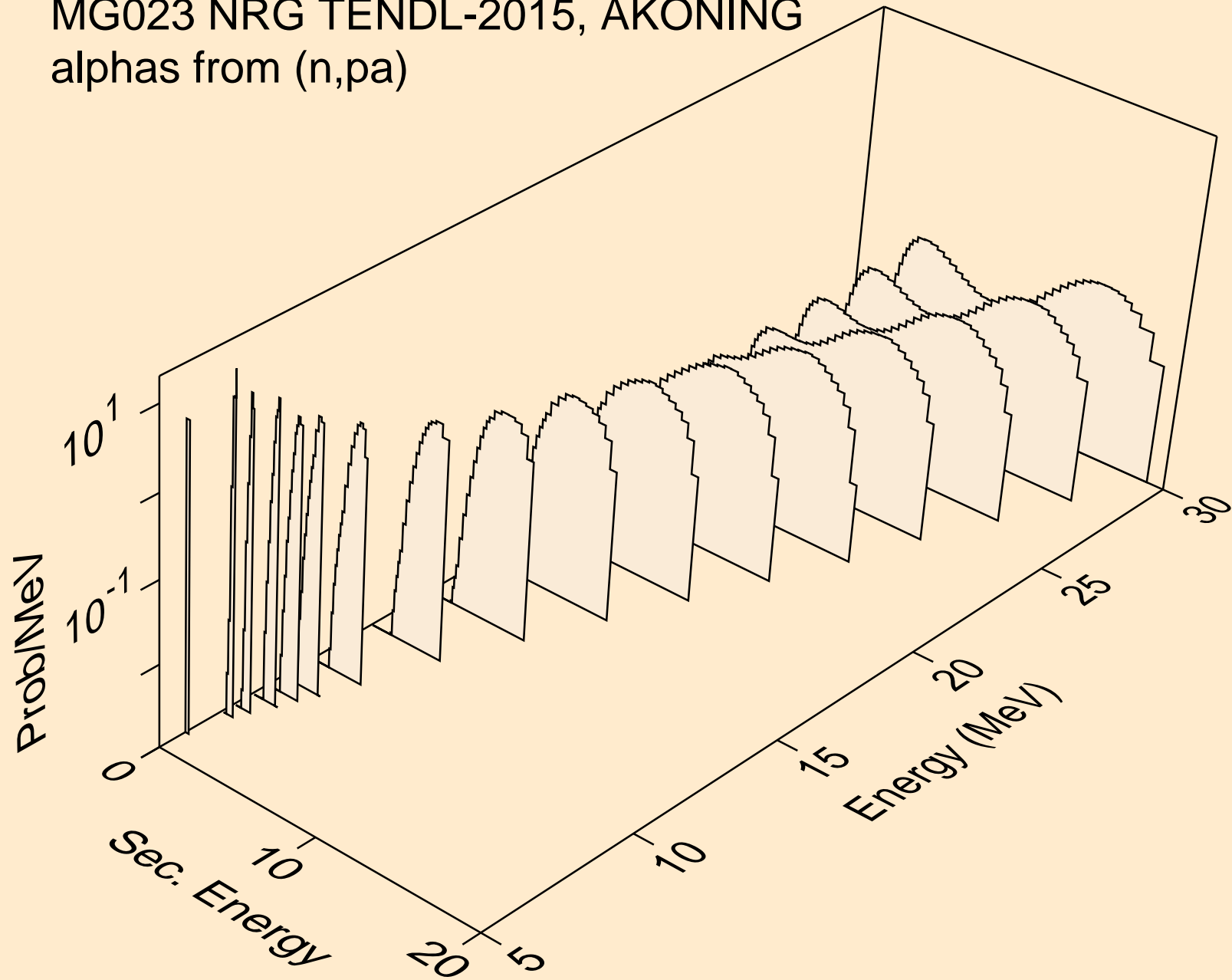
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alphas from (n,2a)



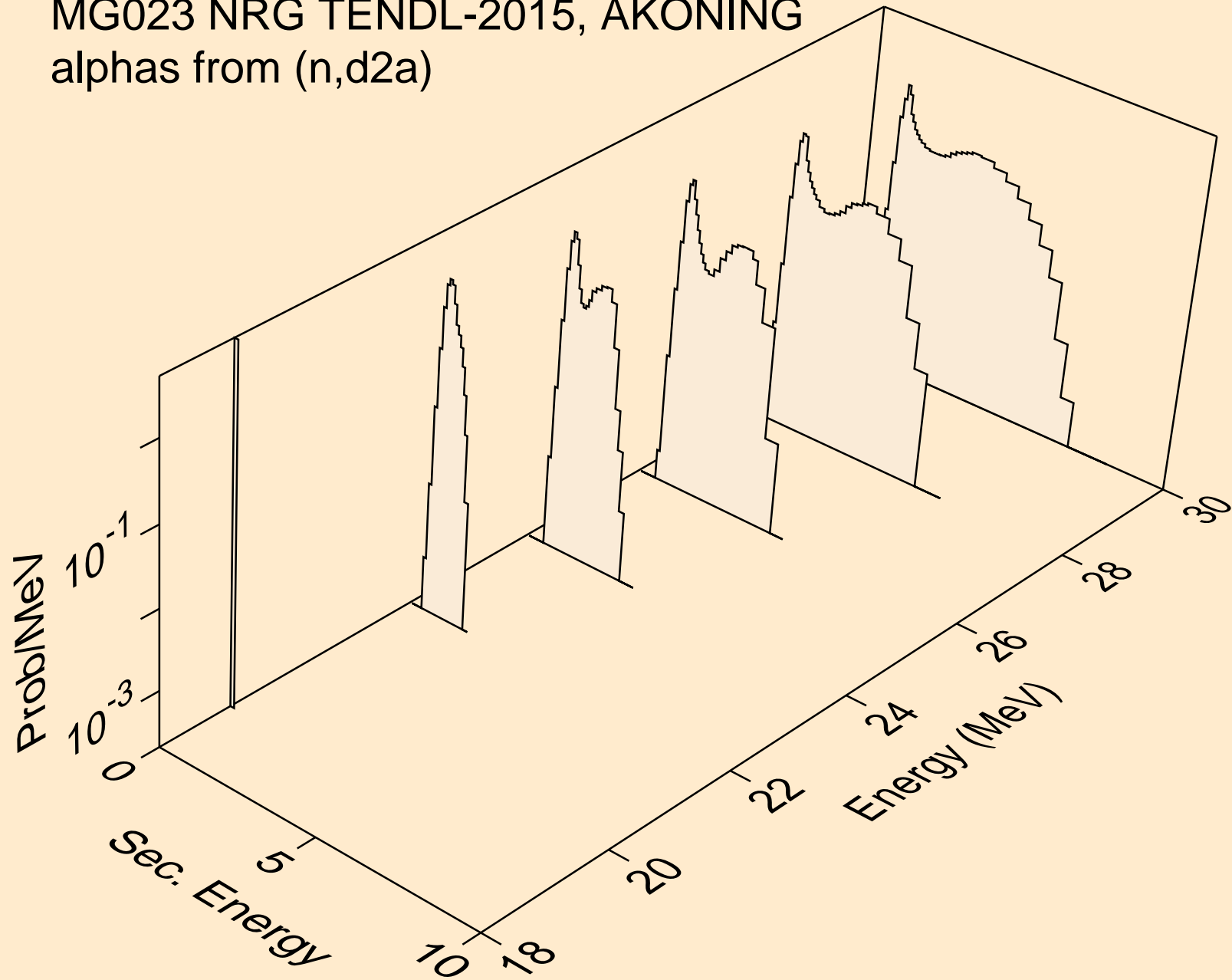
MG023 NRG TENDL-2015, AKONING  
alphas from (n,3a)



MG023 NRG TENDL-2015, AKONING  
alphas from (n,pa)



MG023 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



MG023 NRG TENDL-2015, AKONING  
alphas from (n,da)

