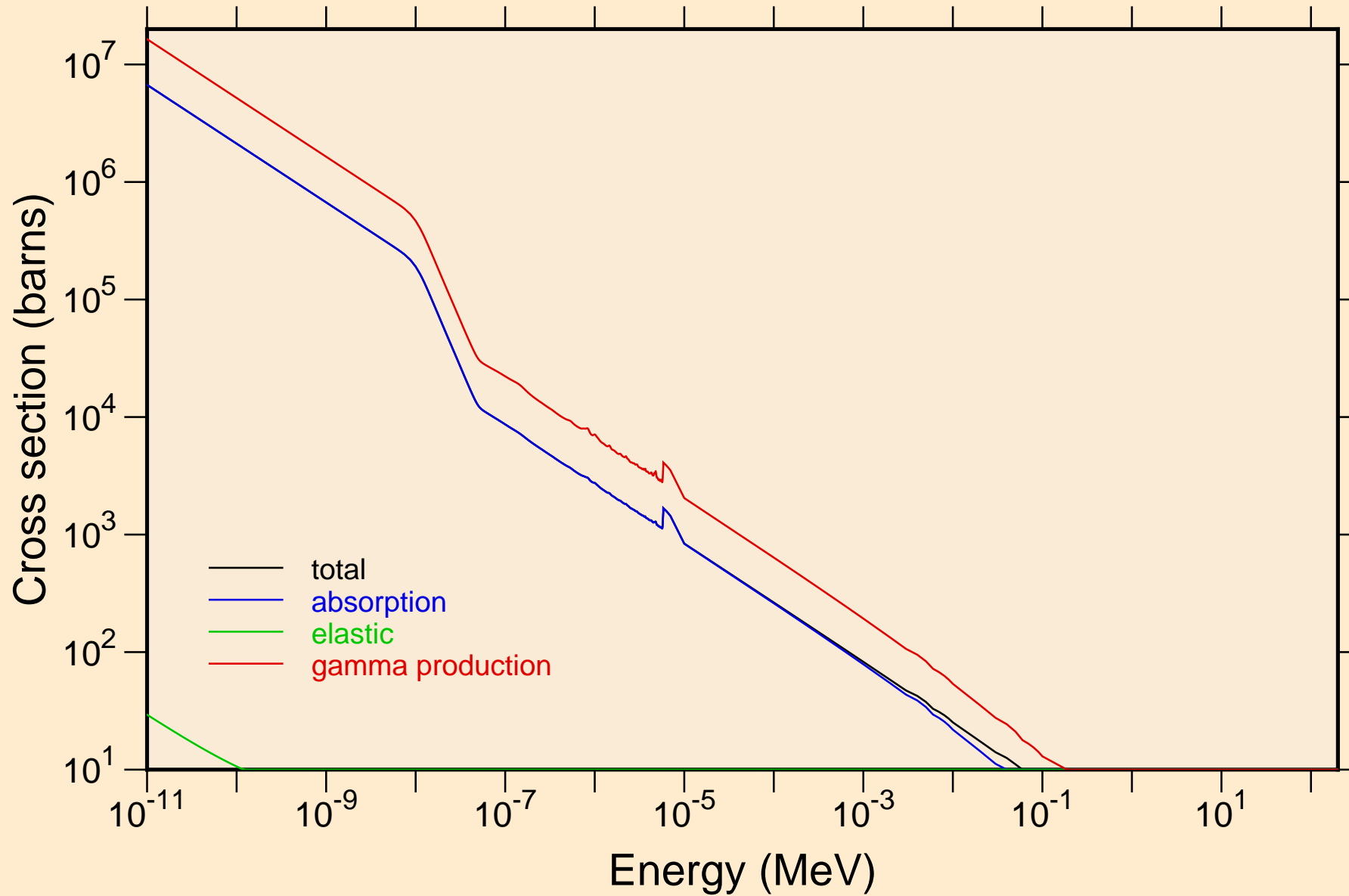


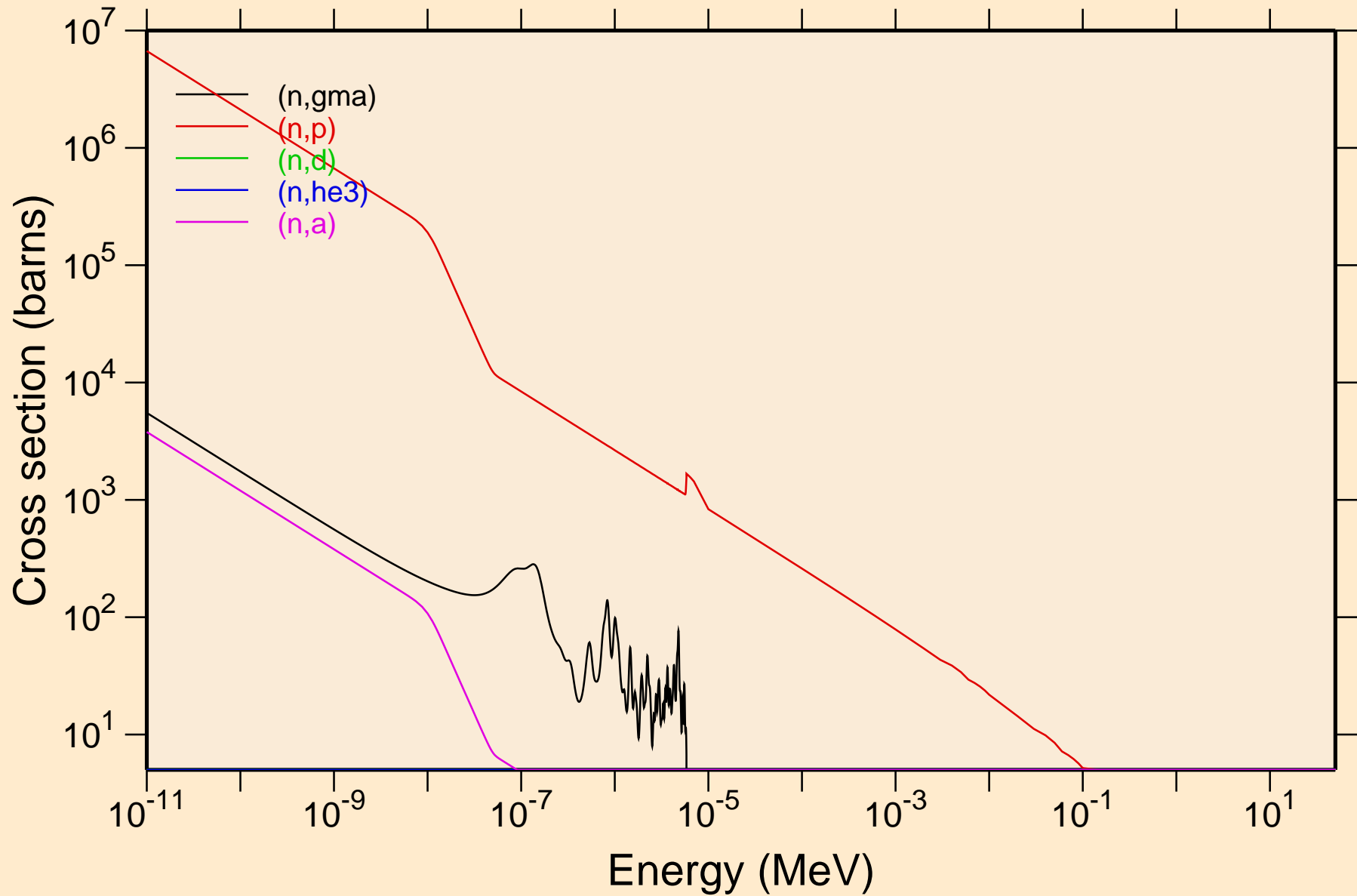
N-TB139 NRG TENDL-2017, AKONING

Principal cross sections



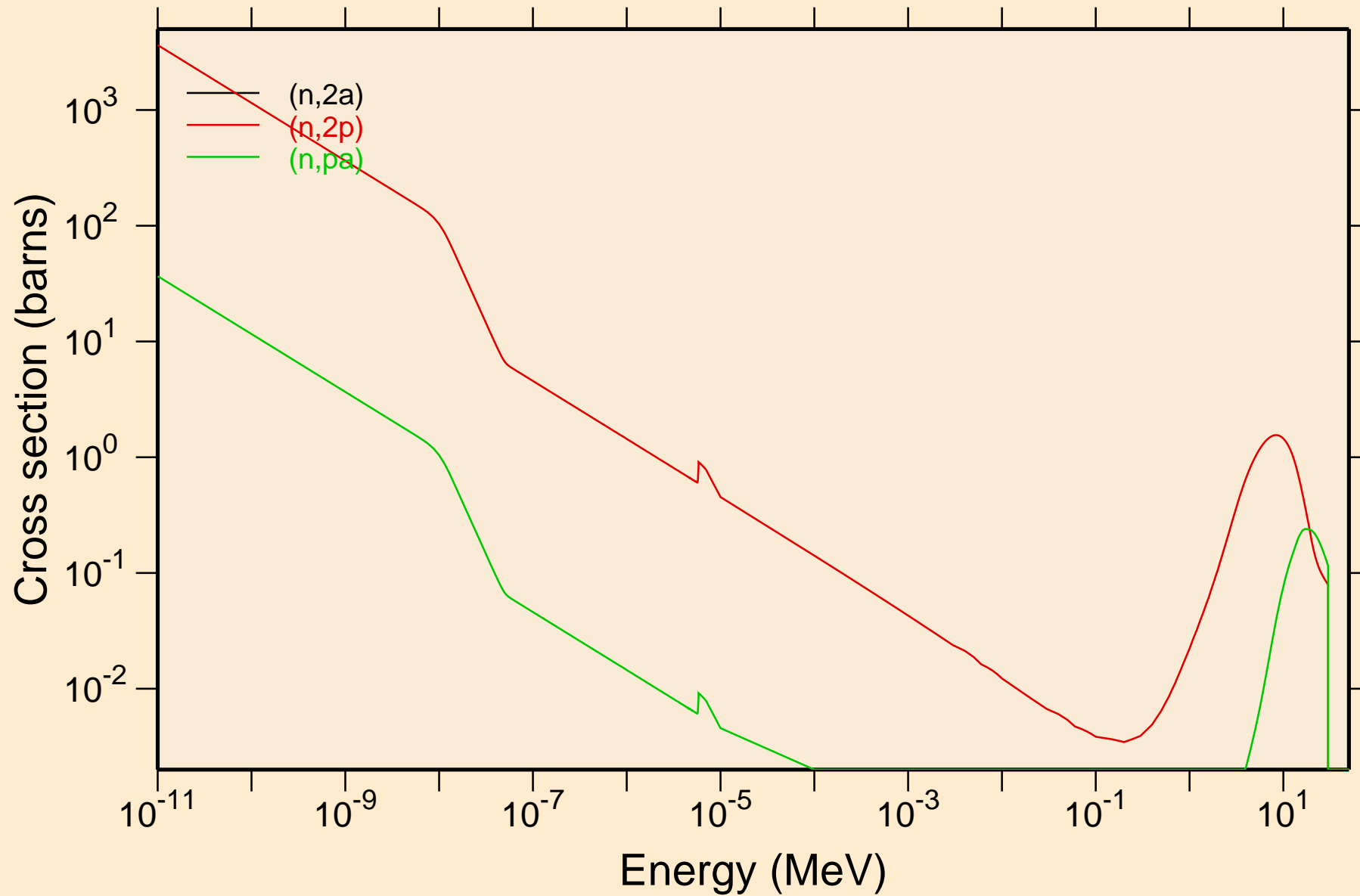
N-TB139 NRG TENDL-2017, AKONING

Non-threshold reactions



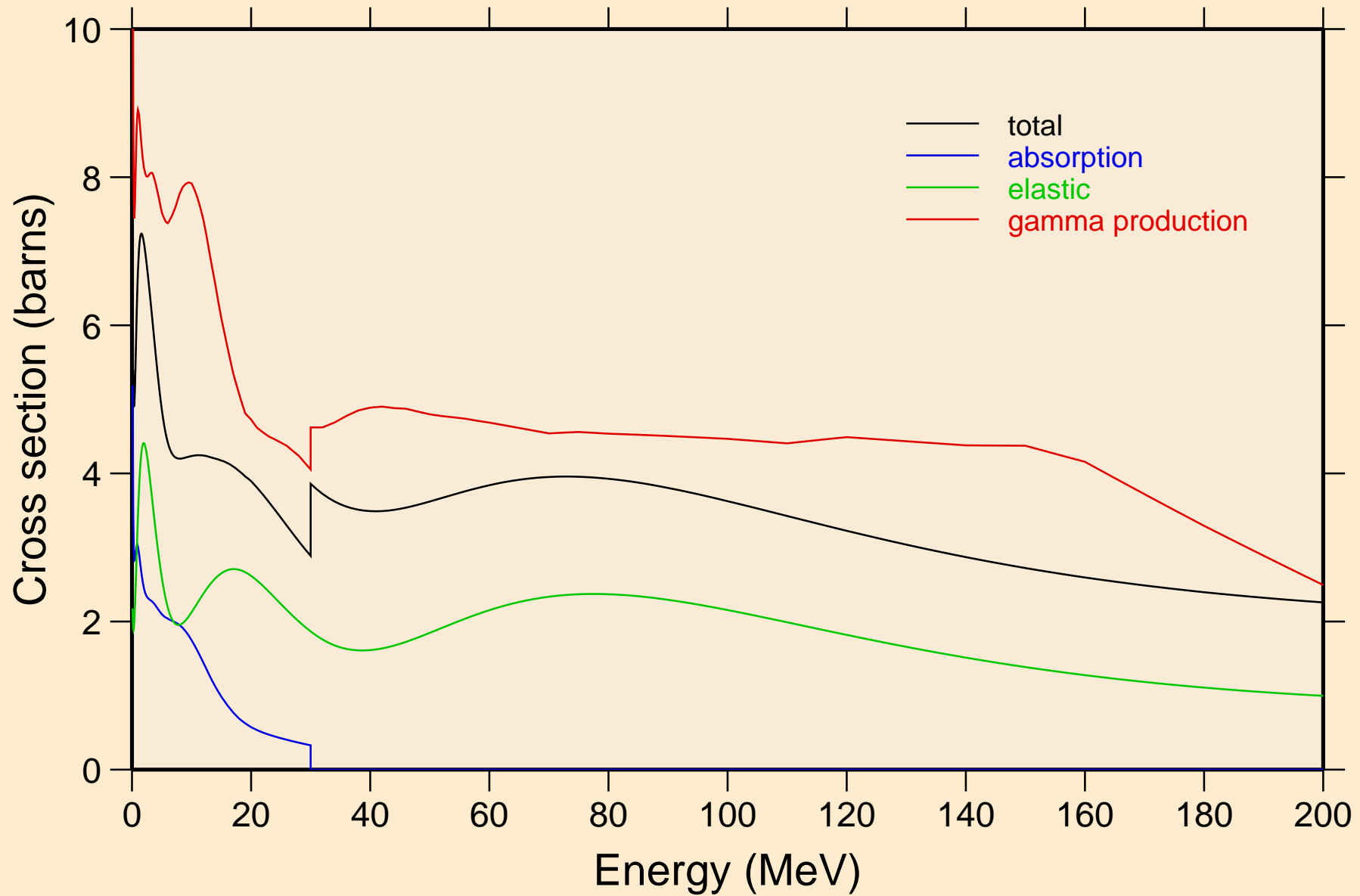
N-TB139 NRG TENDL-2017, AKONING

Non-threshold reactions



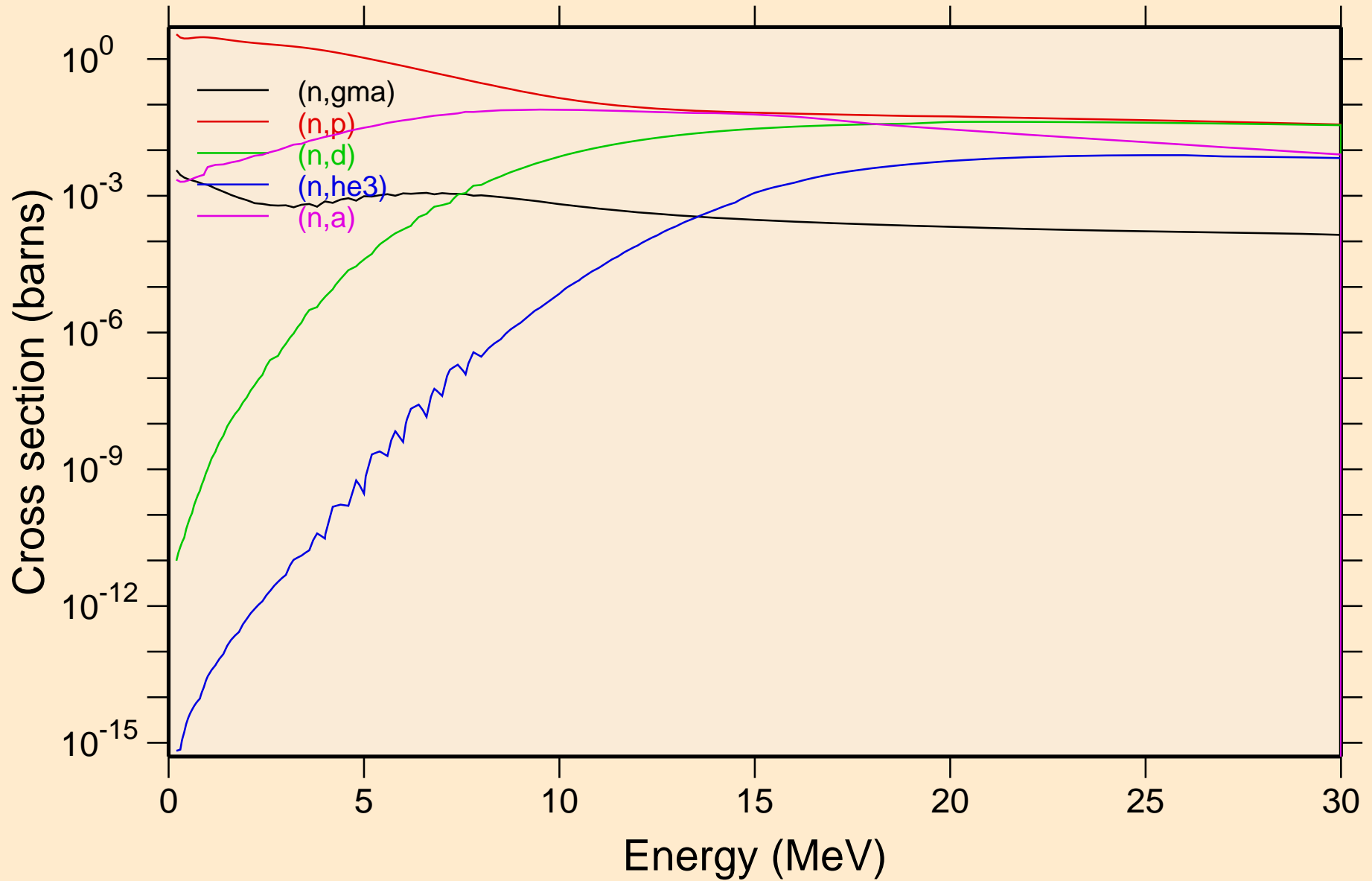
N-TB139 NRG TENDL-2017, AKONING

Principal cross sections

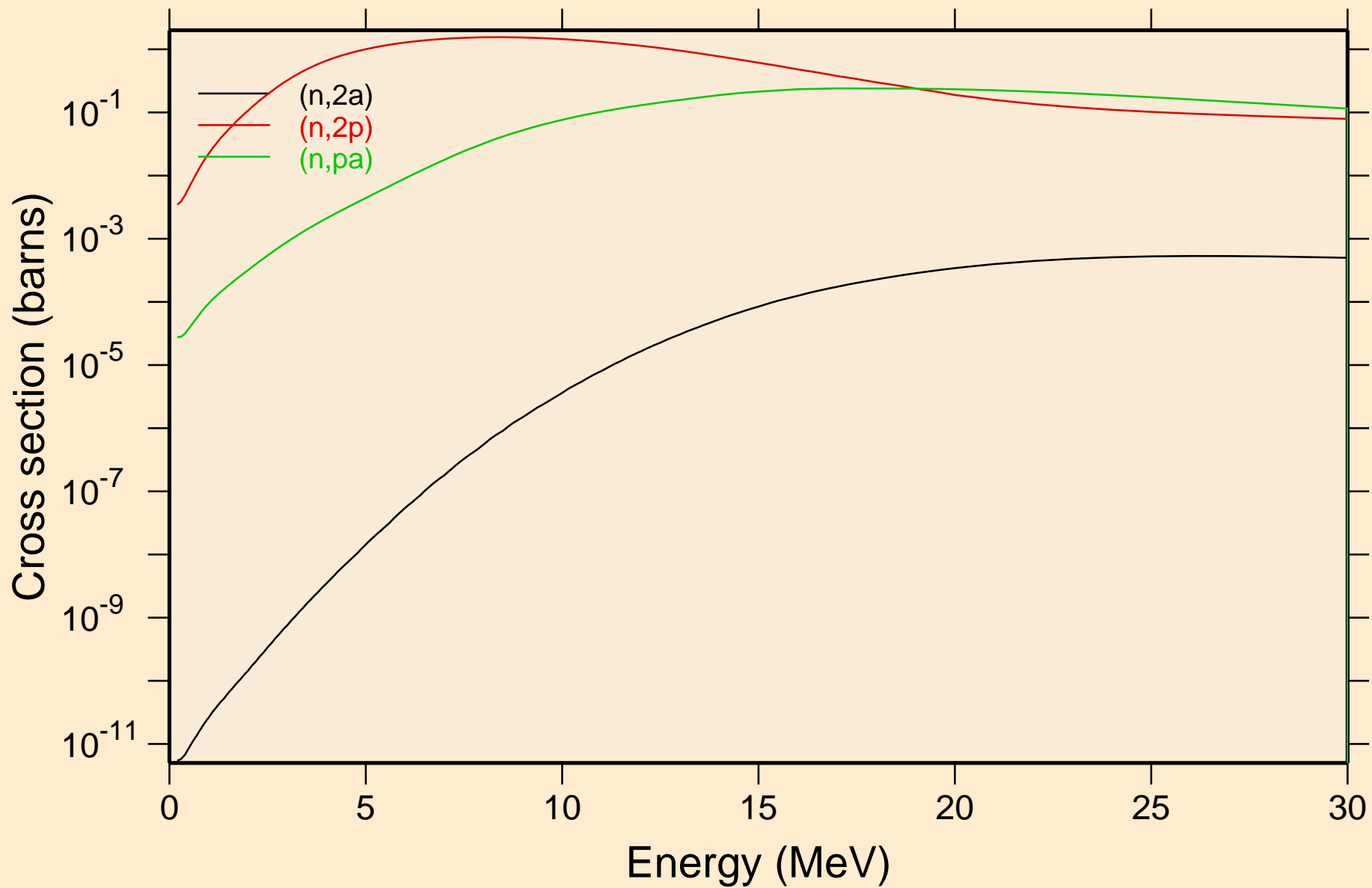


N-TB139 NRG TENDL-2017, AKONING

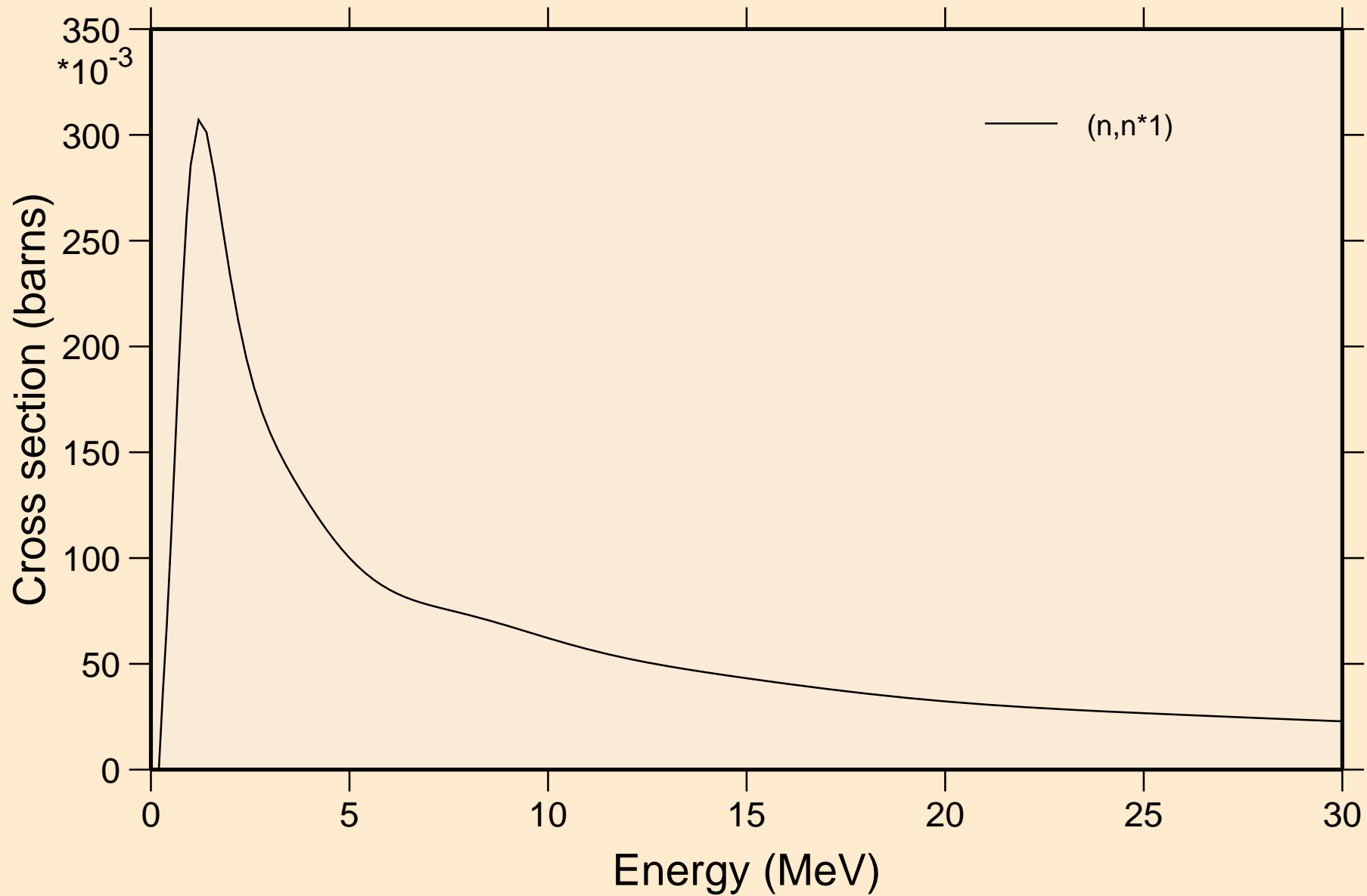
Non-threshold reactions



N-TB139 NRG TENDL-2017, AKONING
Non-threshold reactions

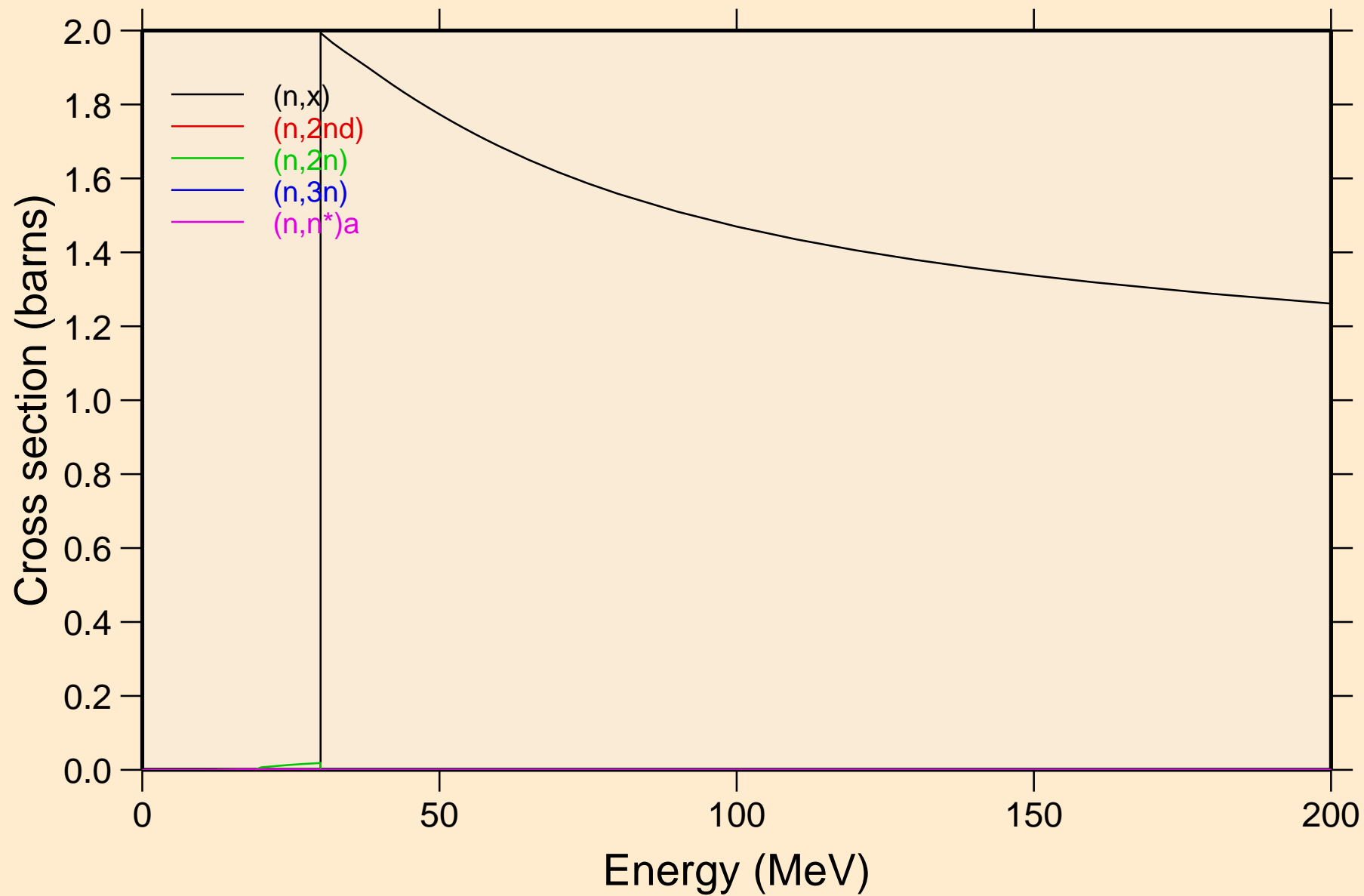


N-TB139 NRG TENDL-2017, AKONING
Inelastic levels



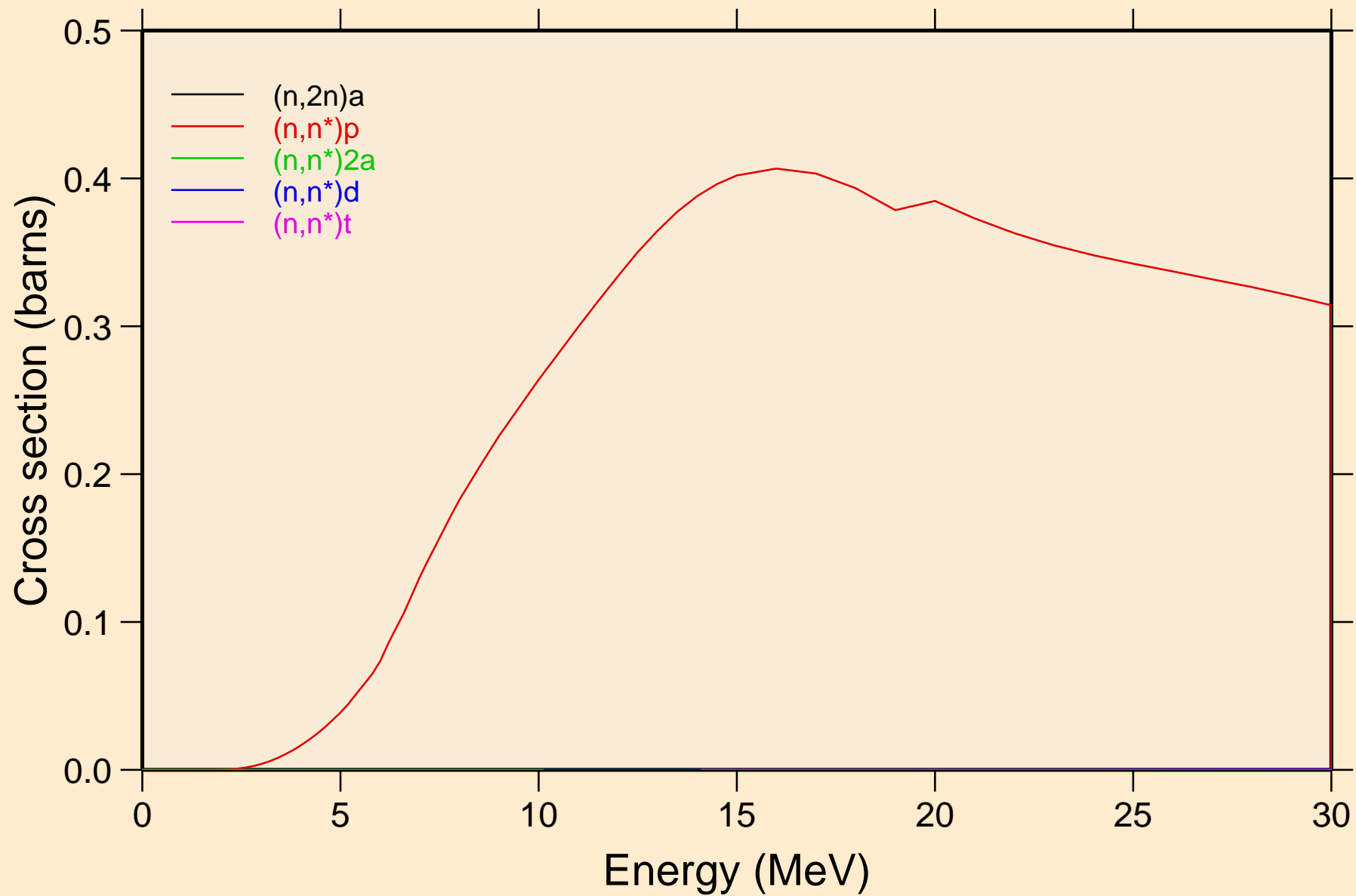
N-TB139 NRG TENDL-2017, AKONING

Threshold reactions



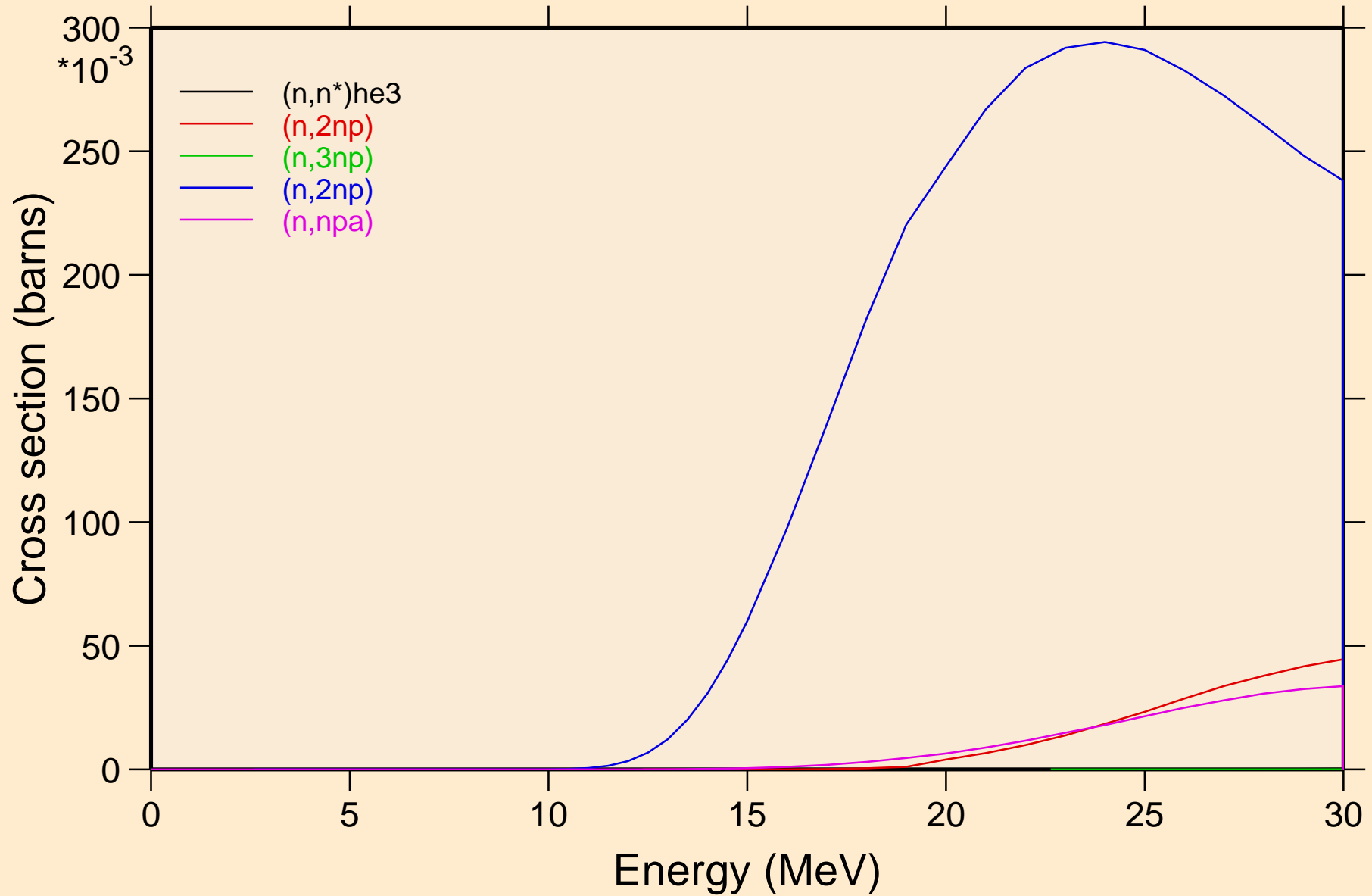
N-TB139 NRG TENDL-2017, AKONING

Threshold reactions



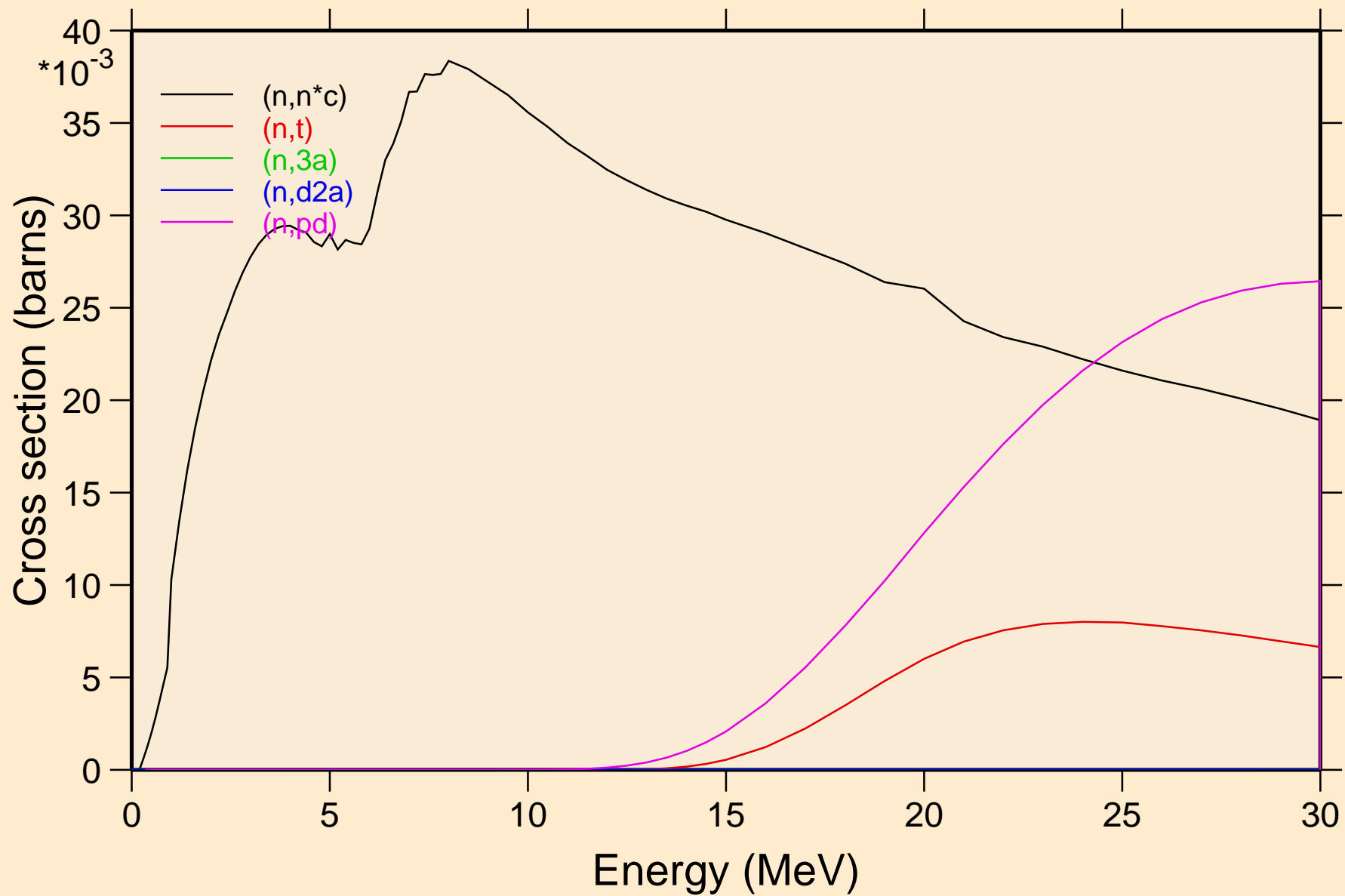
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Threshold reactions



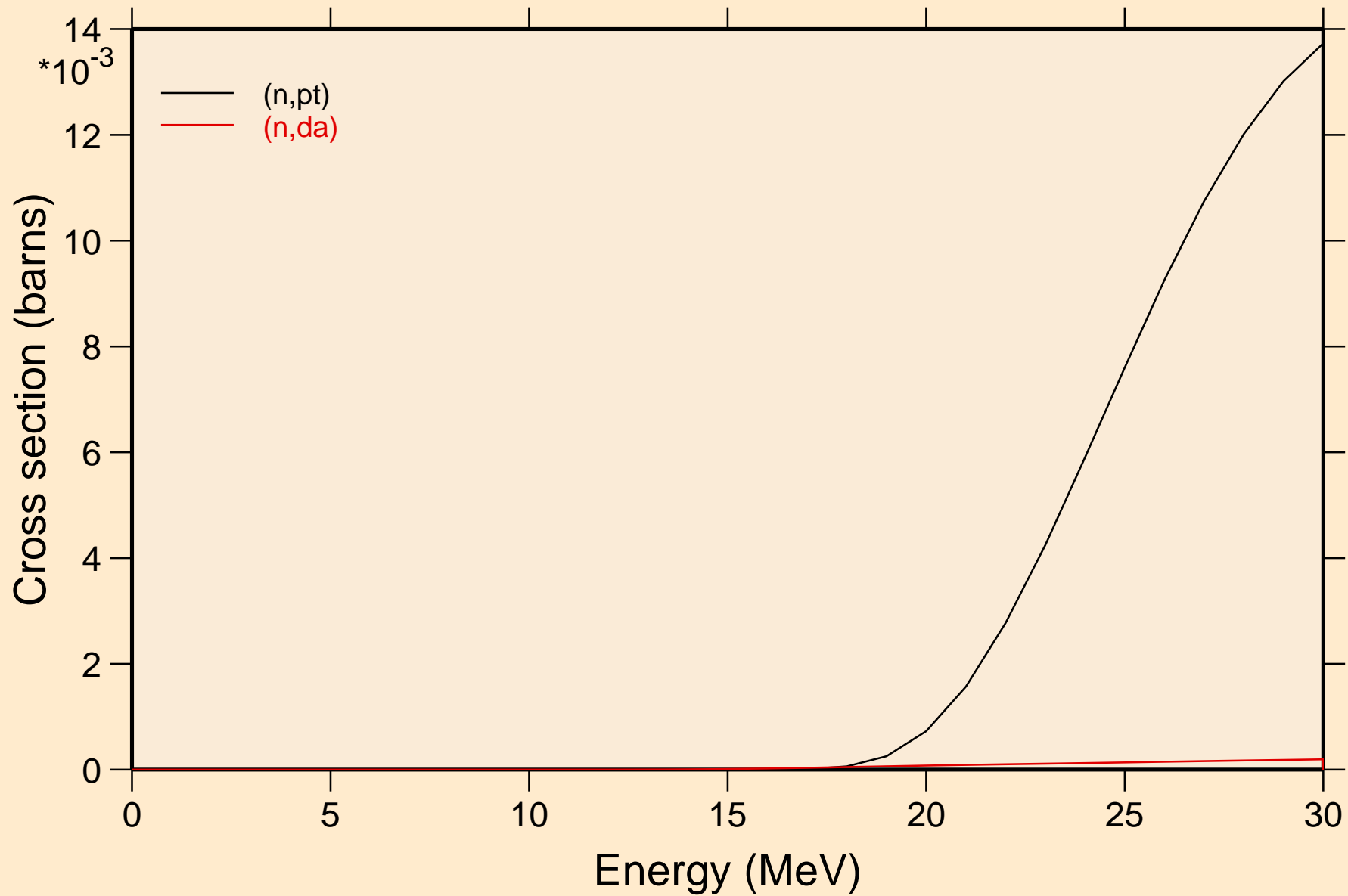
N-TB139 NRG TENDL-2017, AKONING

Threshold reactions

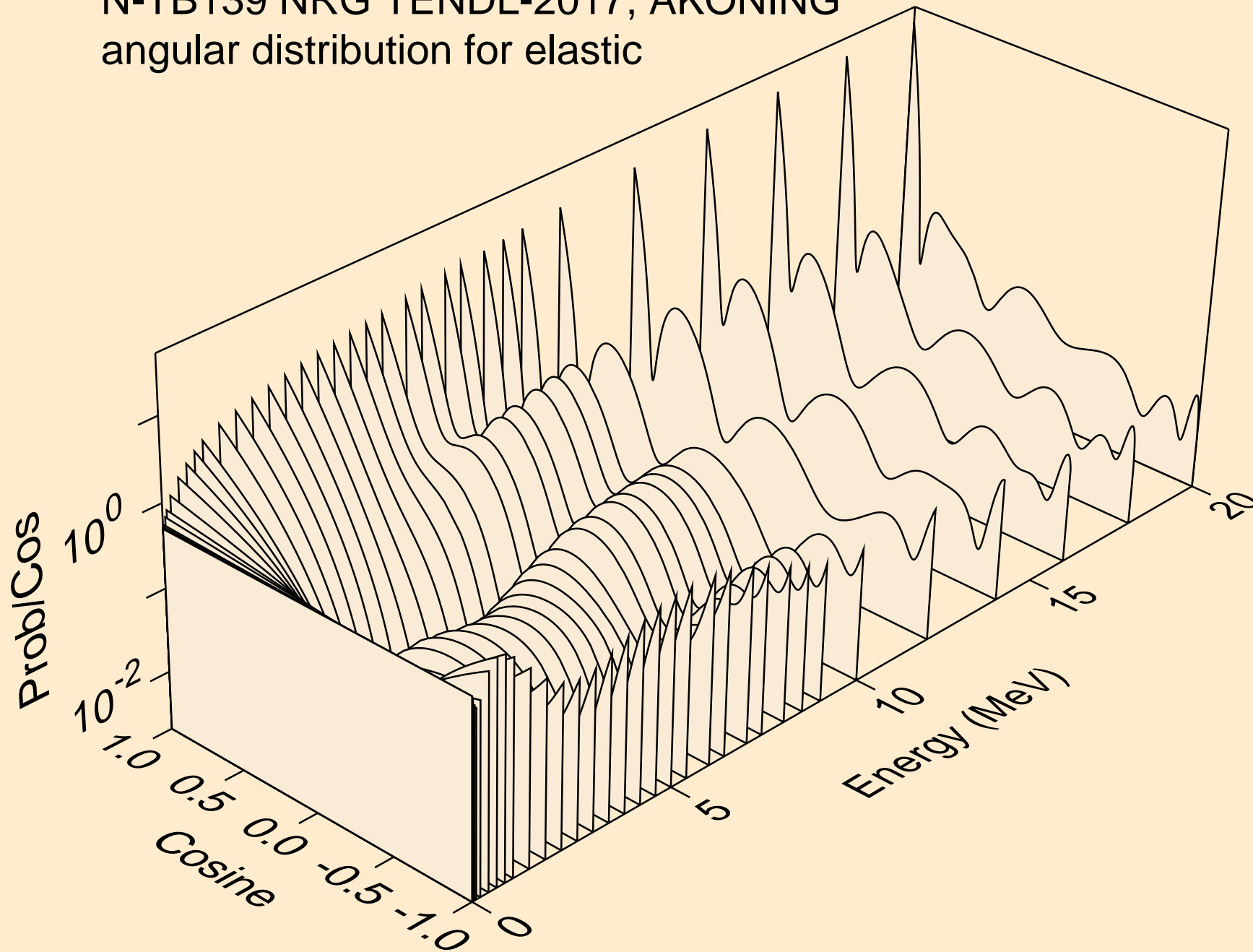


N-TB139 NRG TENDL-2017, AKONING

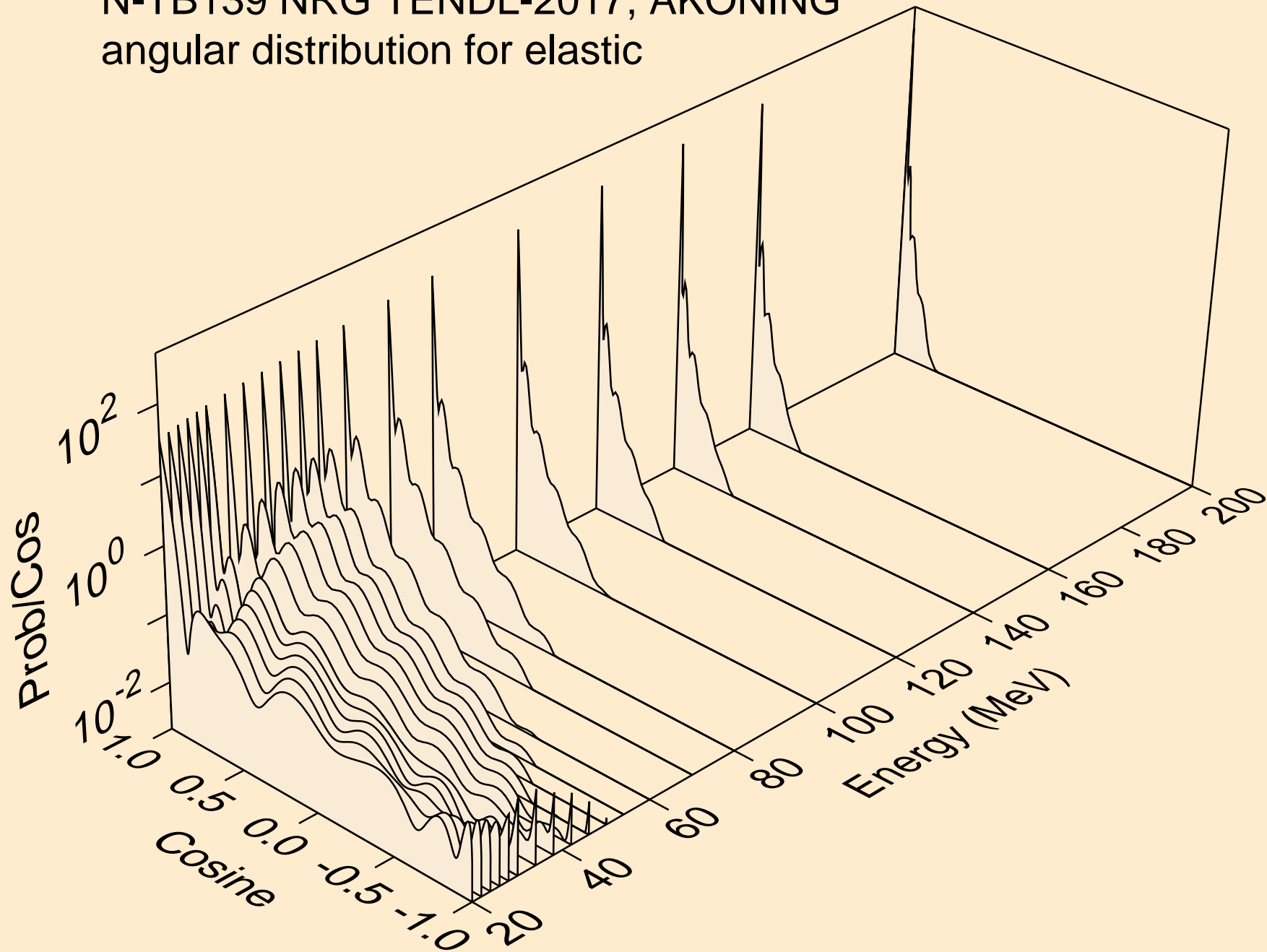
Threshold reactions



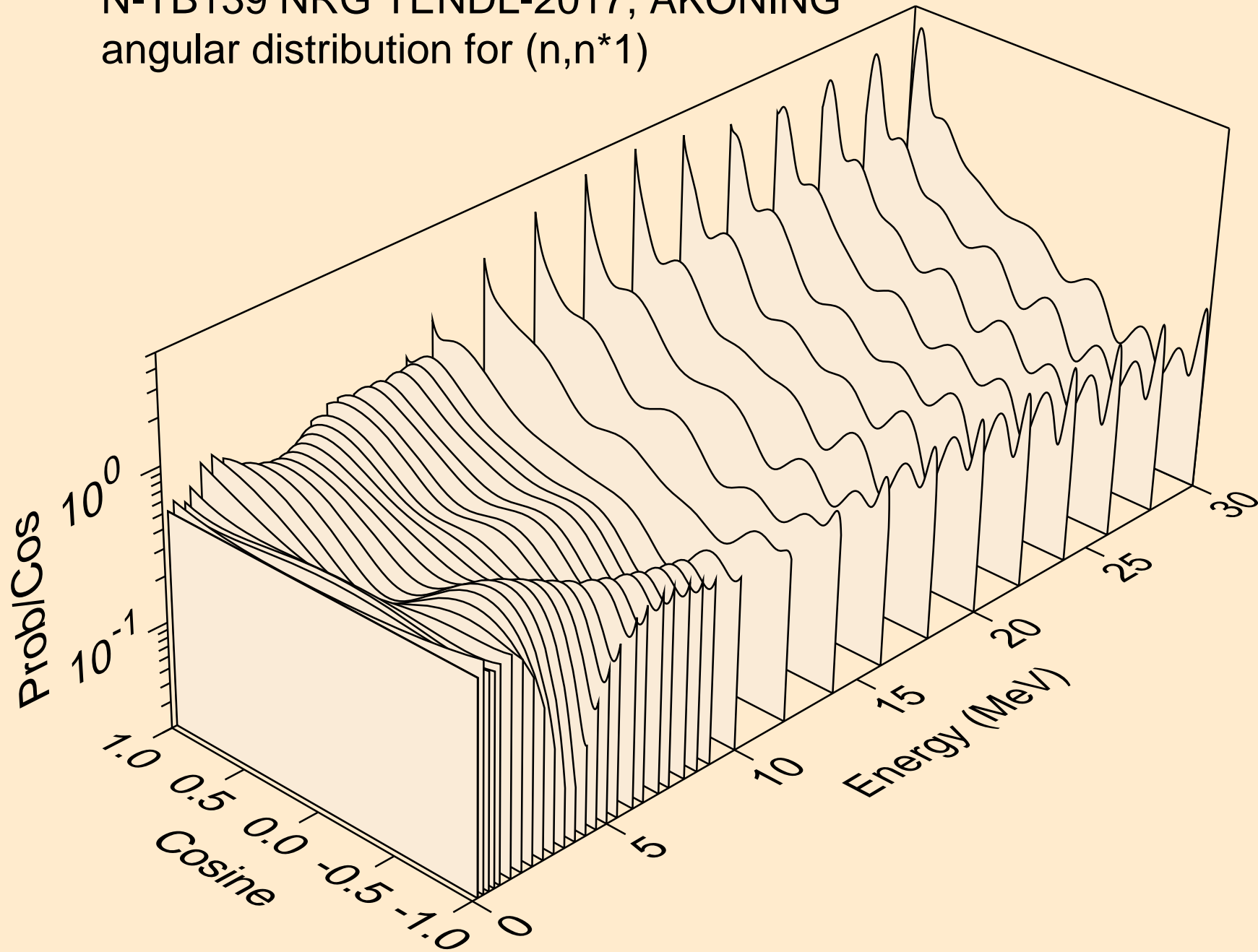
N-TB139 NRG TENDL-2017, AKONING
angular distribution for elastic



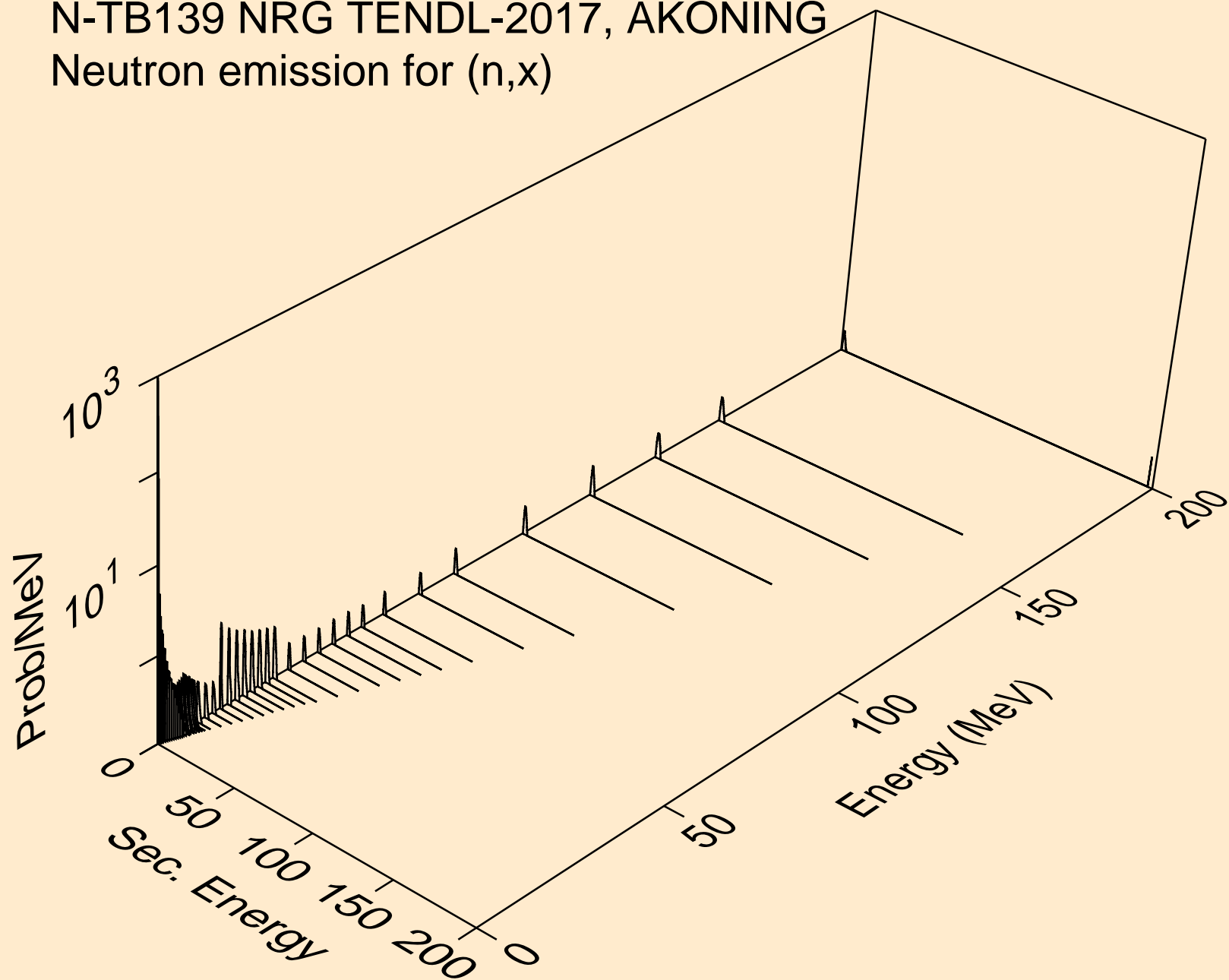
N-TB139 NRG TENDL-2017, AKONING
angular distribution for elastic



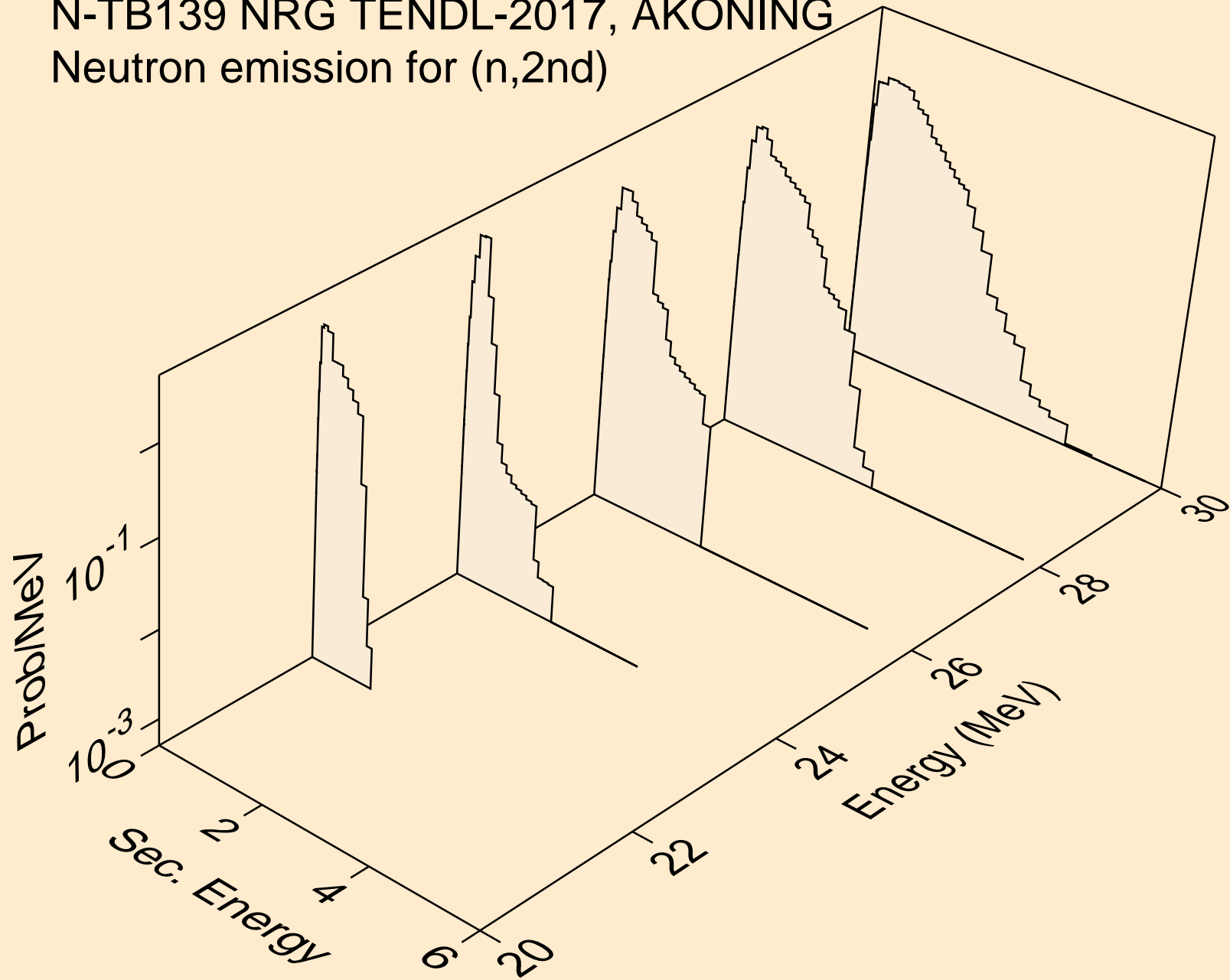
N-TB139 NRG TENDL-2017, AKONING
angular distribution for (n,n*1)



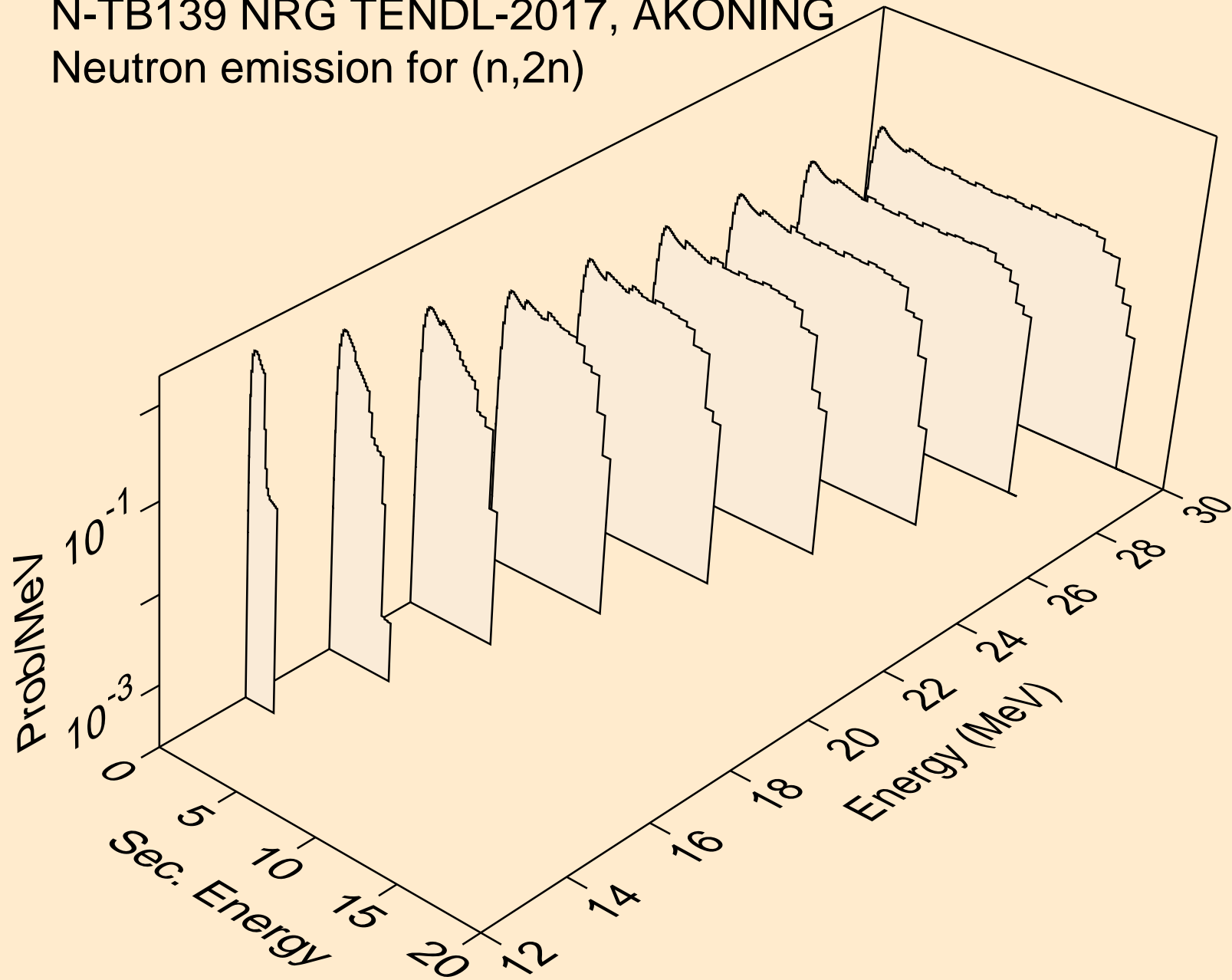
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,x)



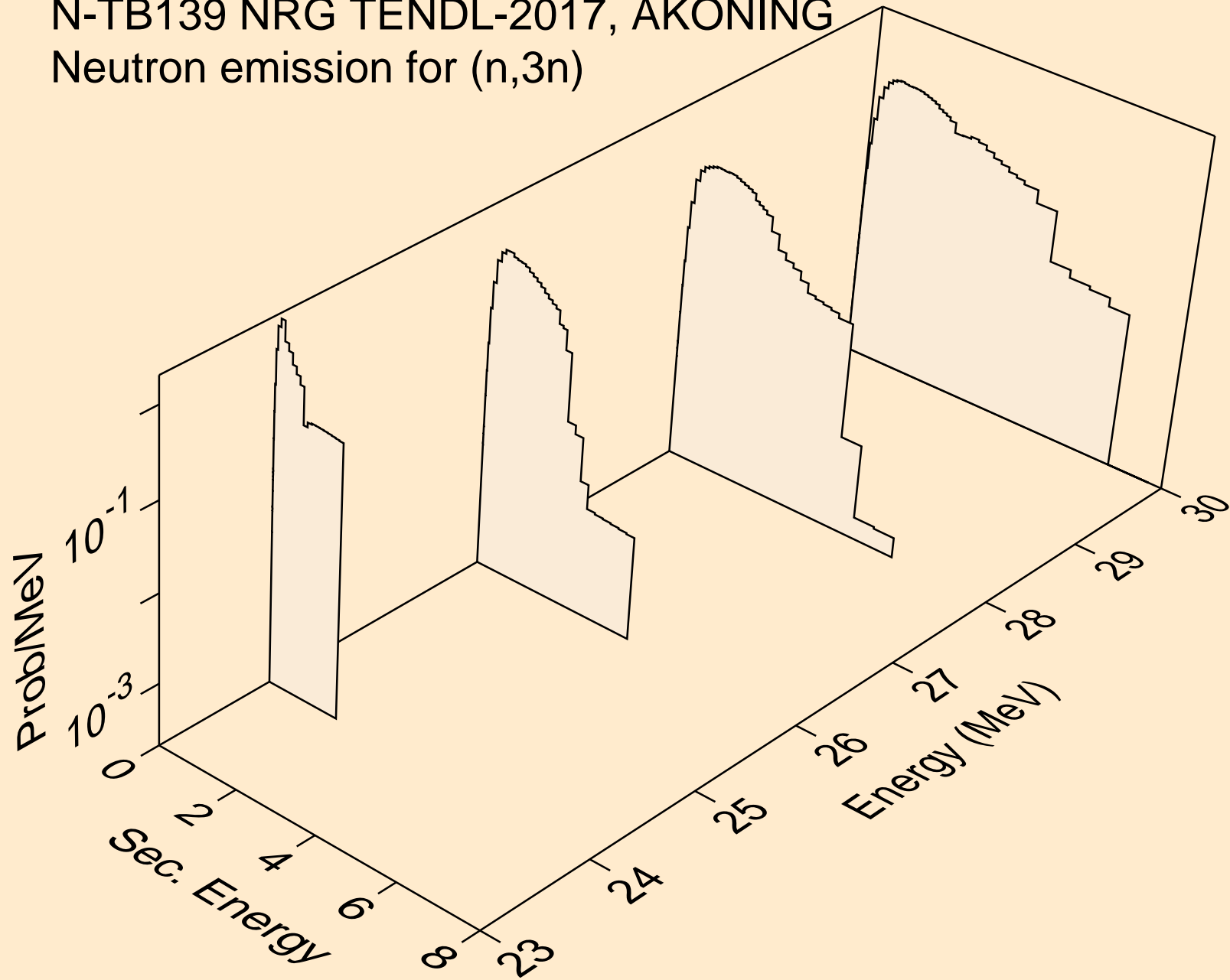
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,2nd)



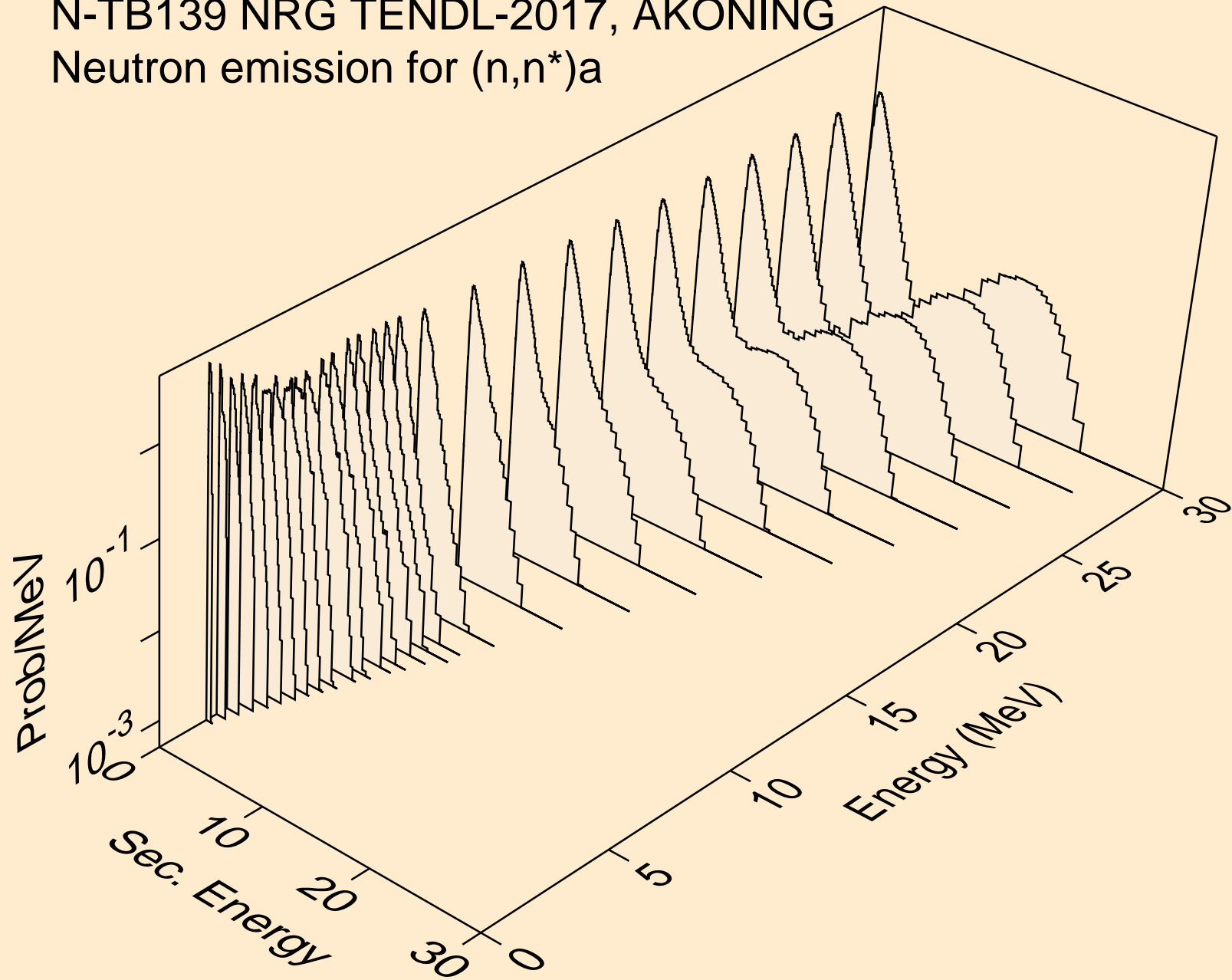
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,2n)



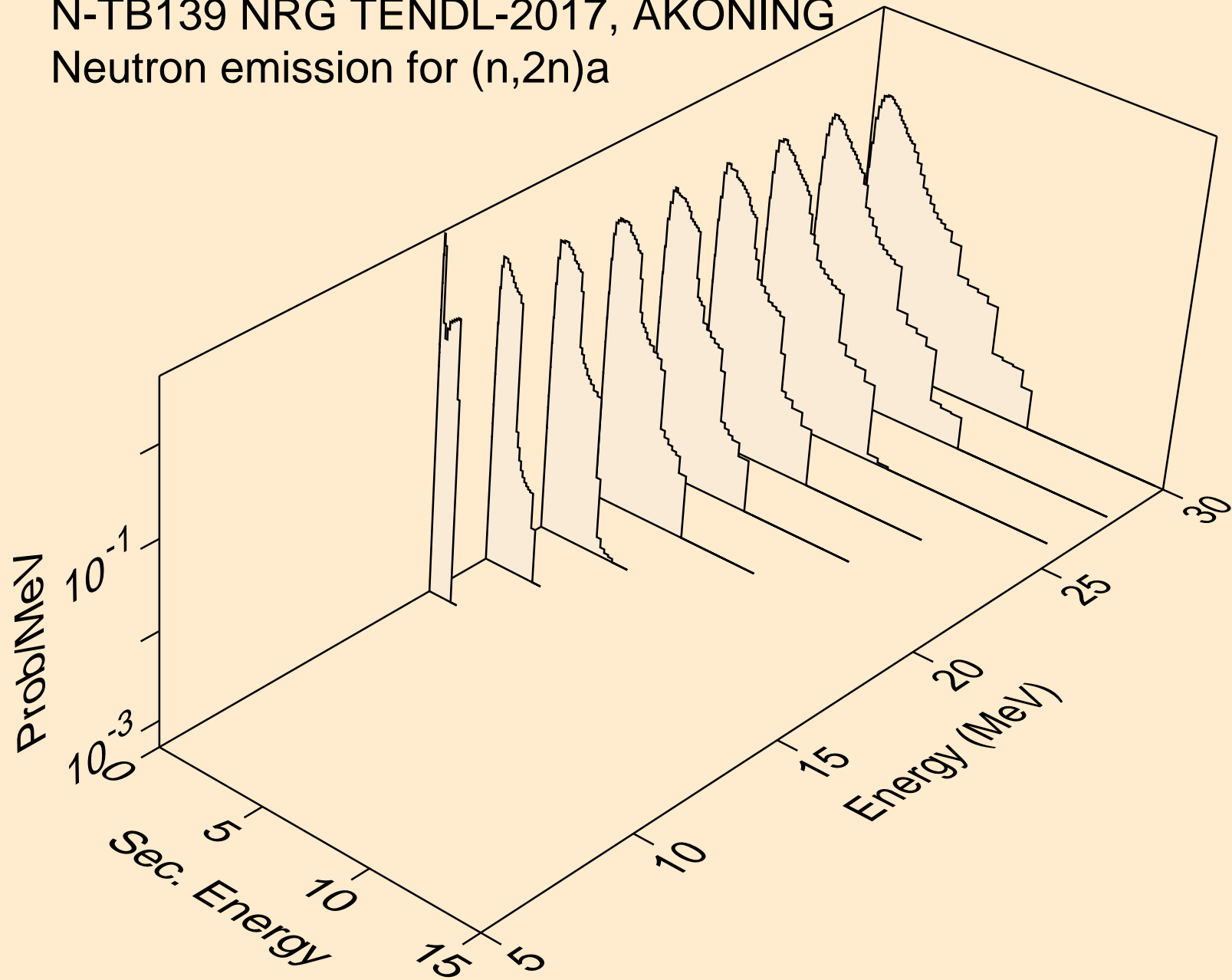
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,3n)



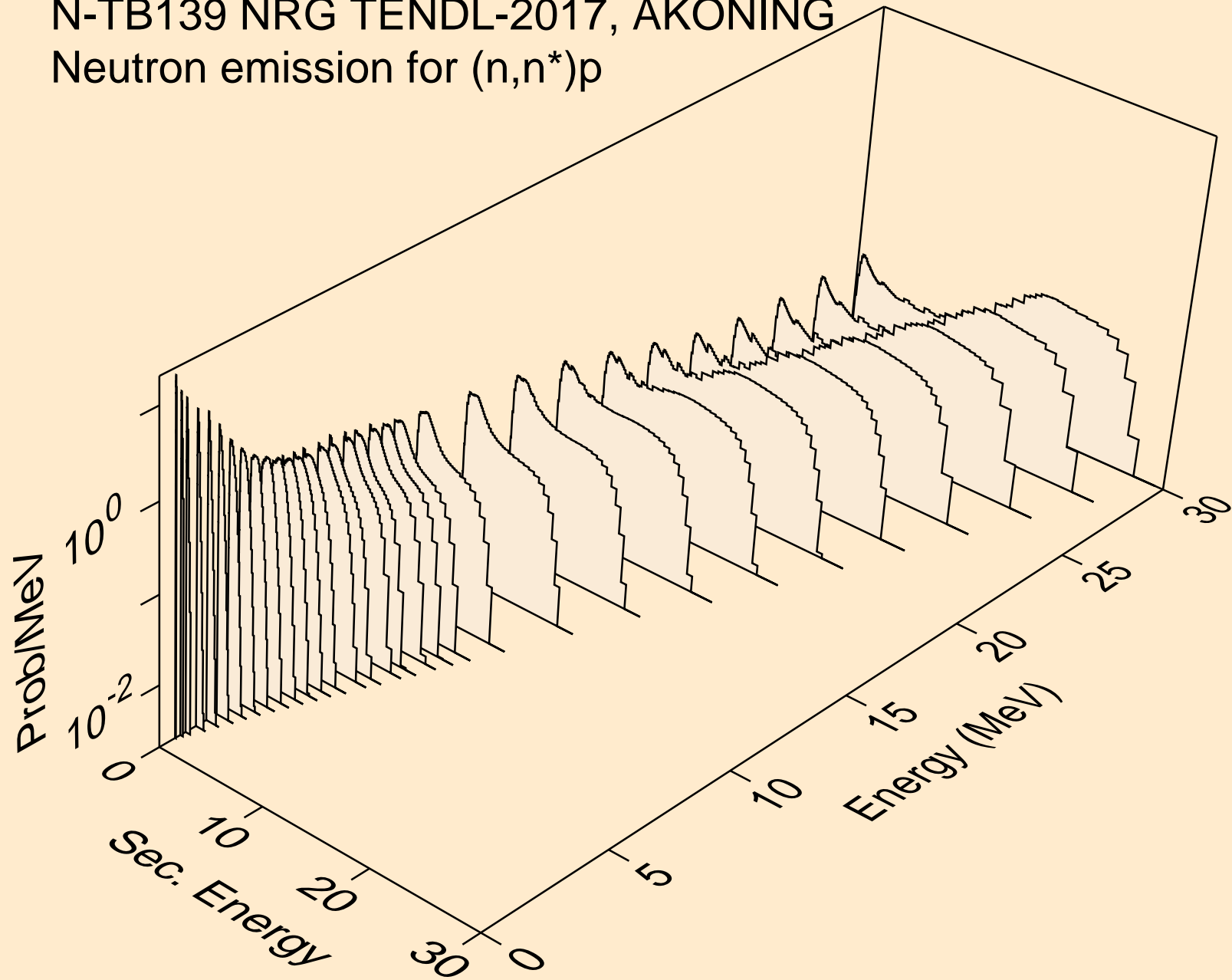
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,n*)a



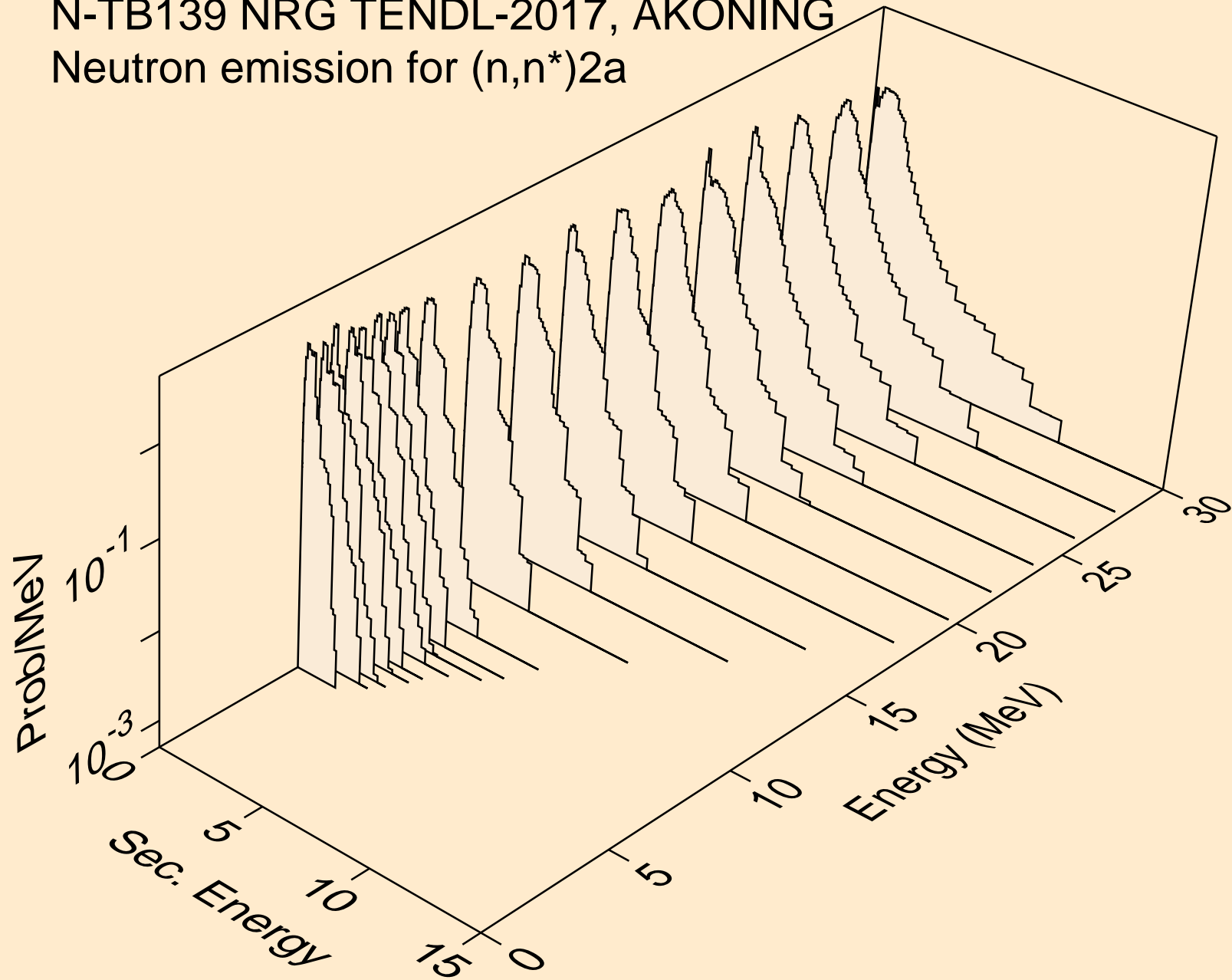
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,2n)_a



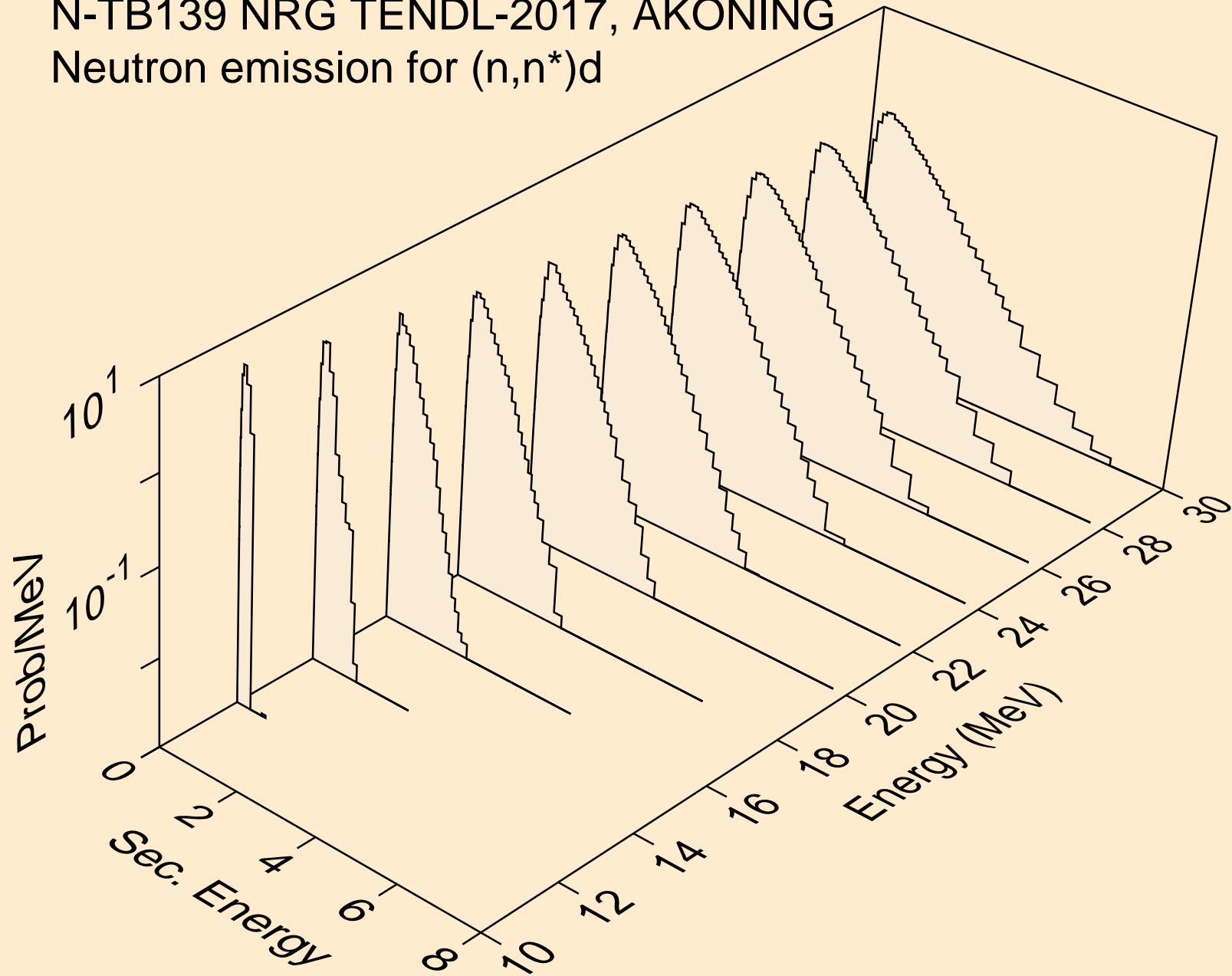
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,n*)p



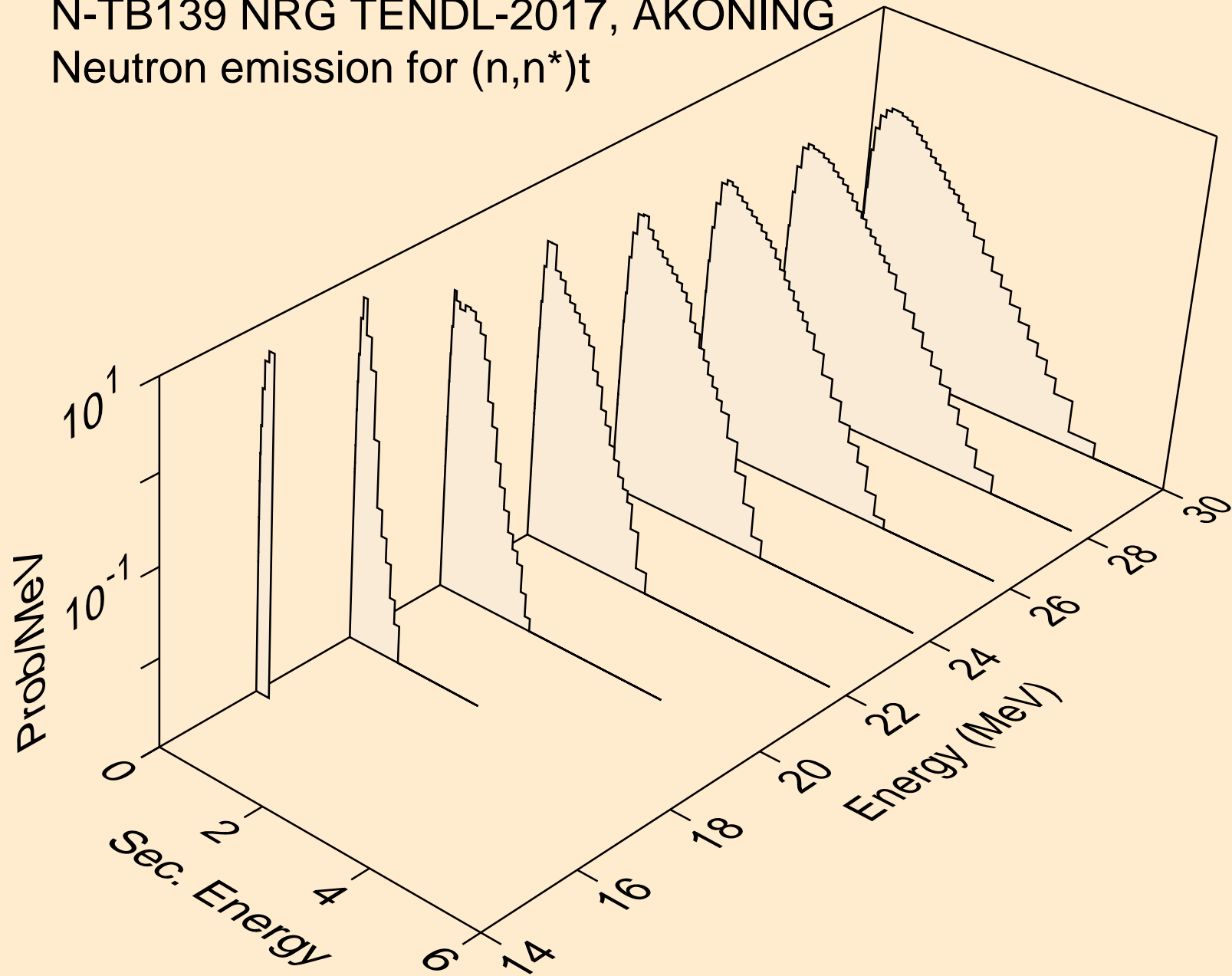
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,n*)2a



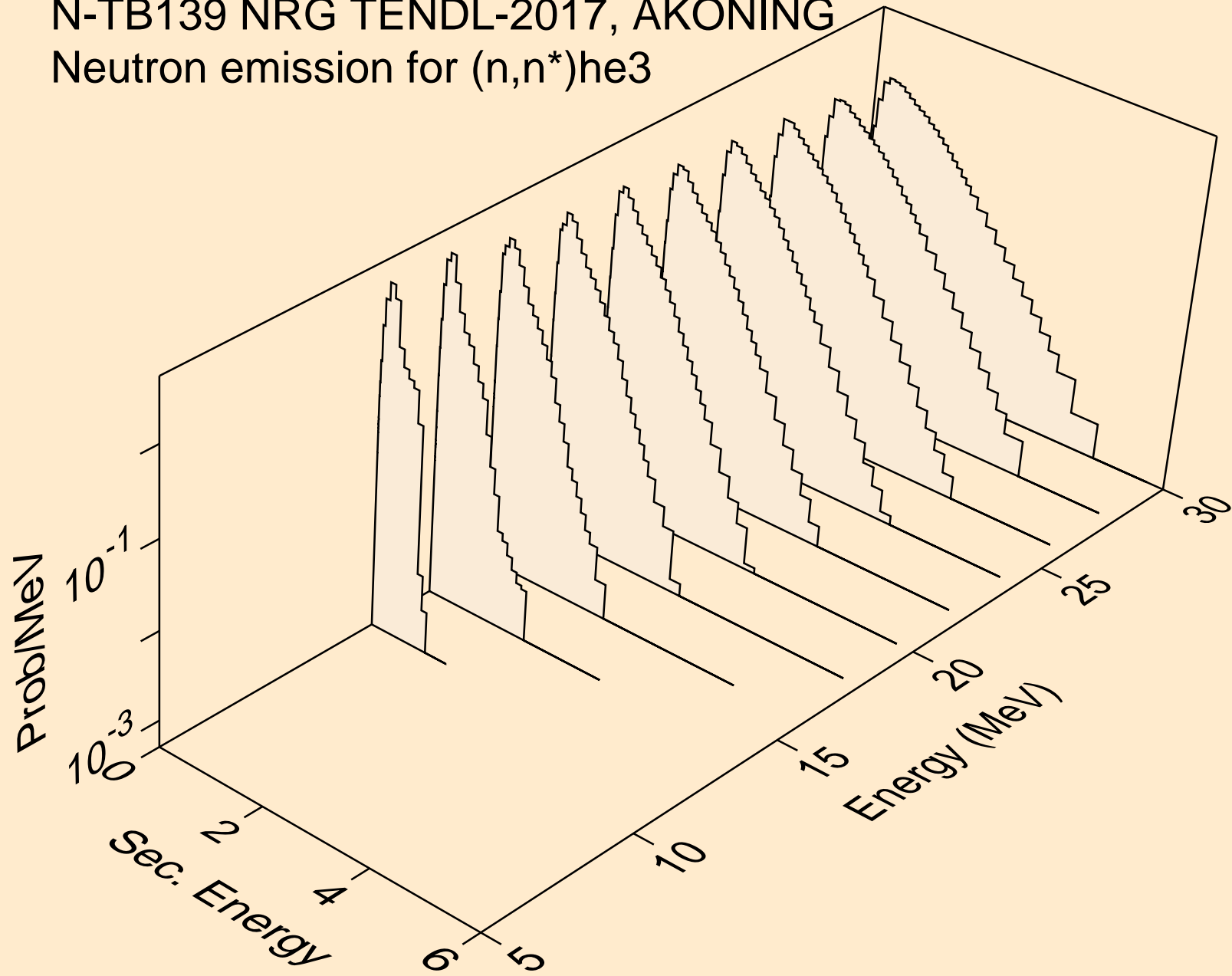
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,n*)d



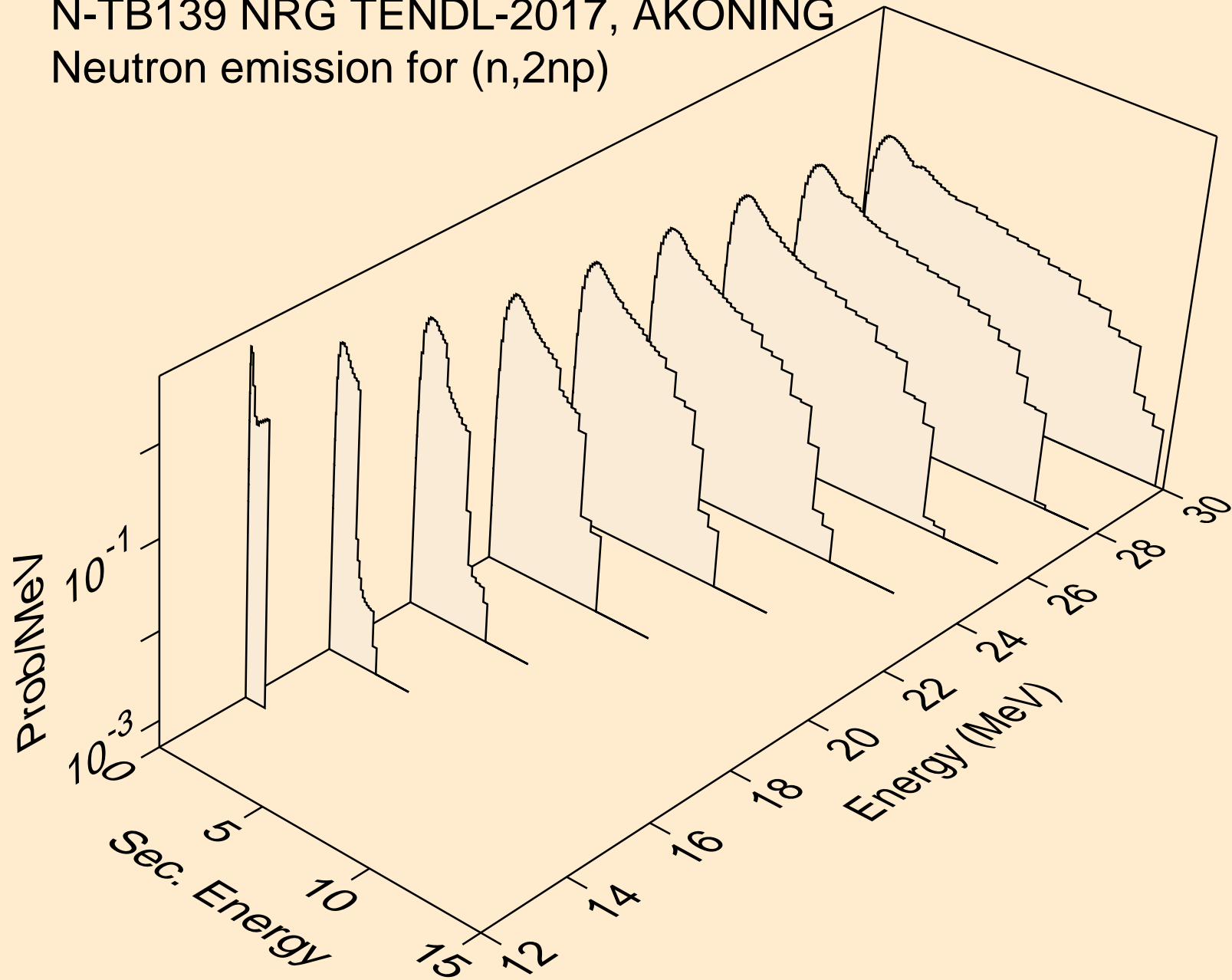
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,n*)t



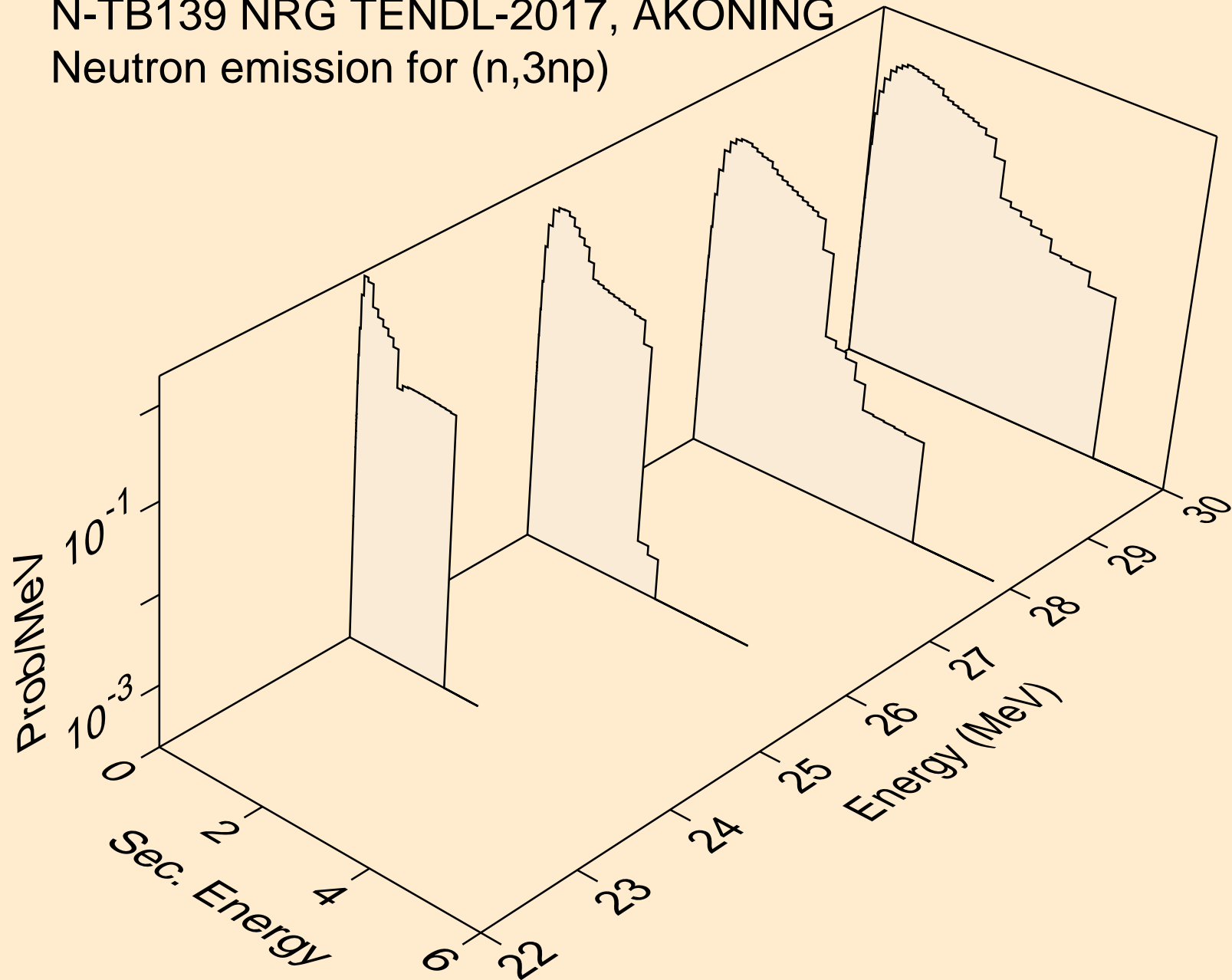
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,n*)he3



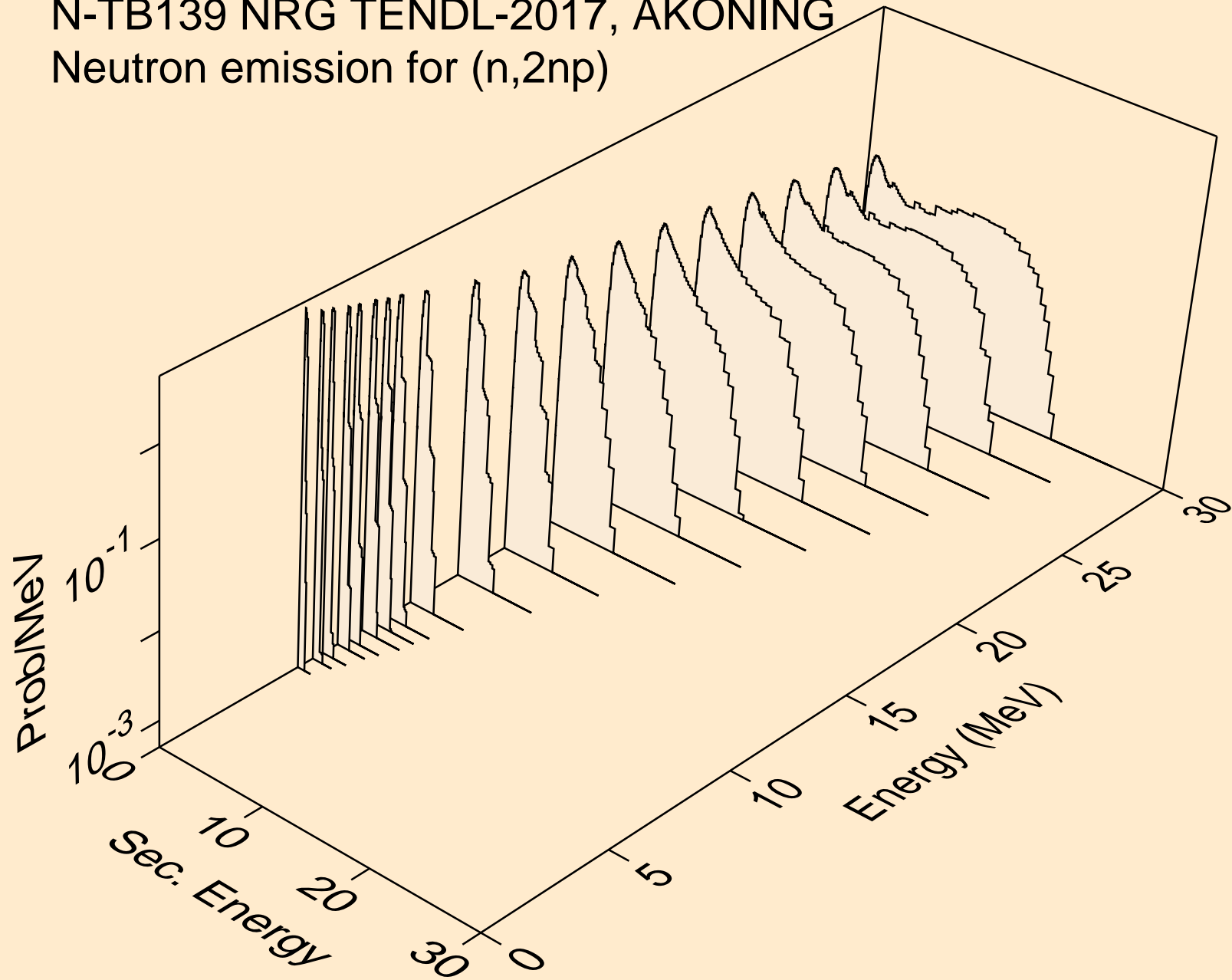
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,2np)



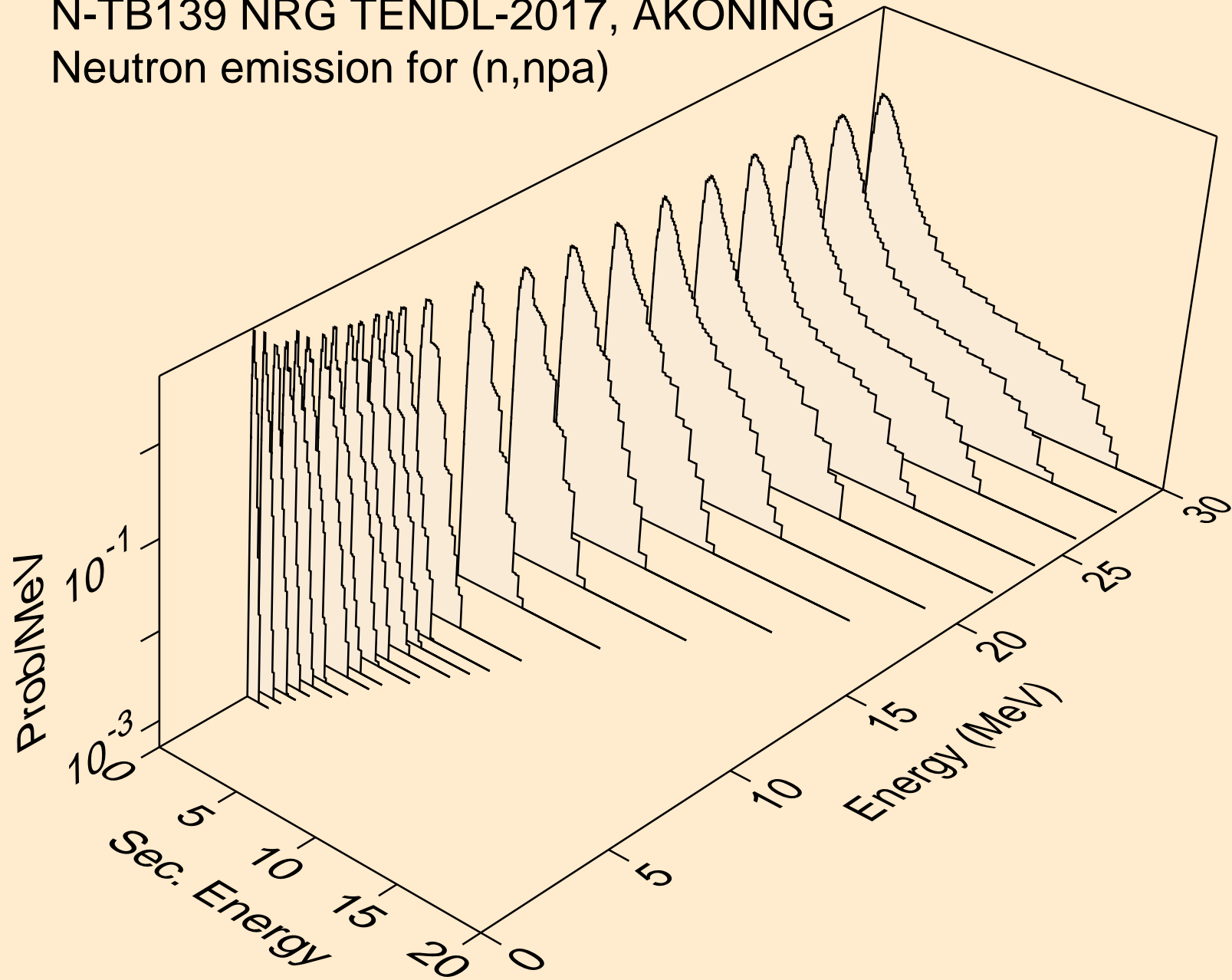
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,3np)



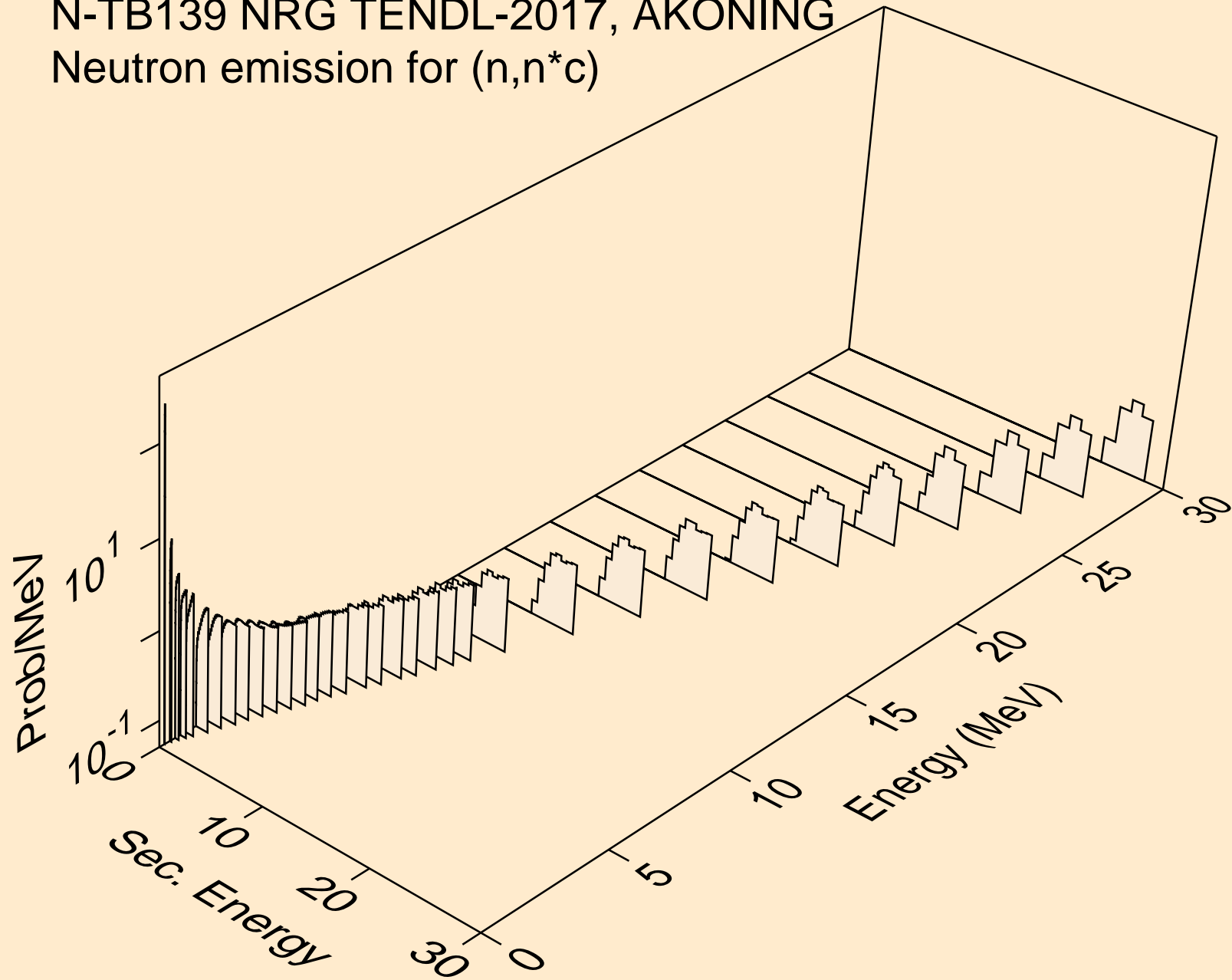
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Neutron emission for (n,2np)



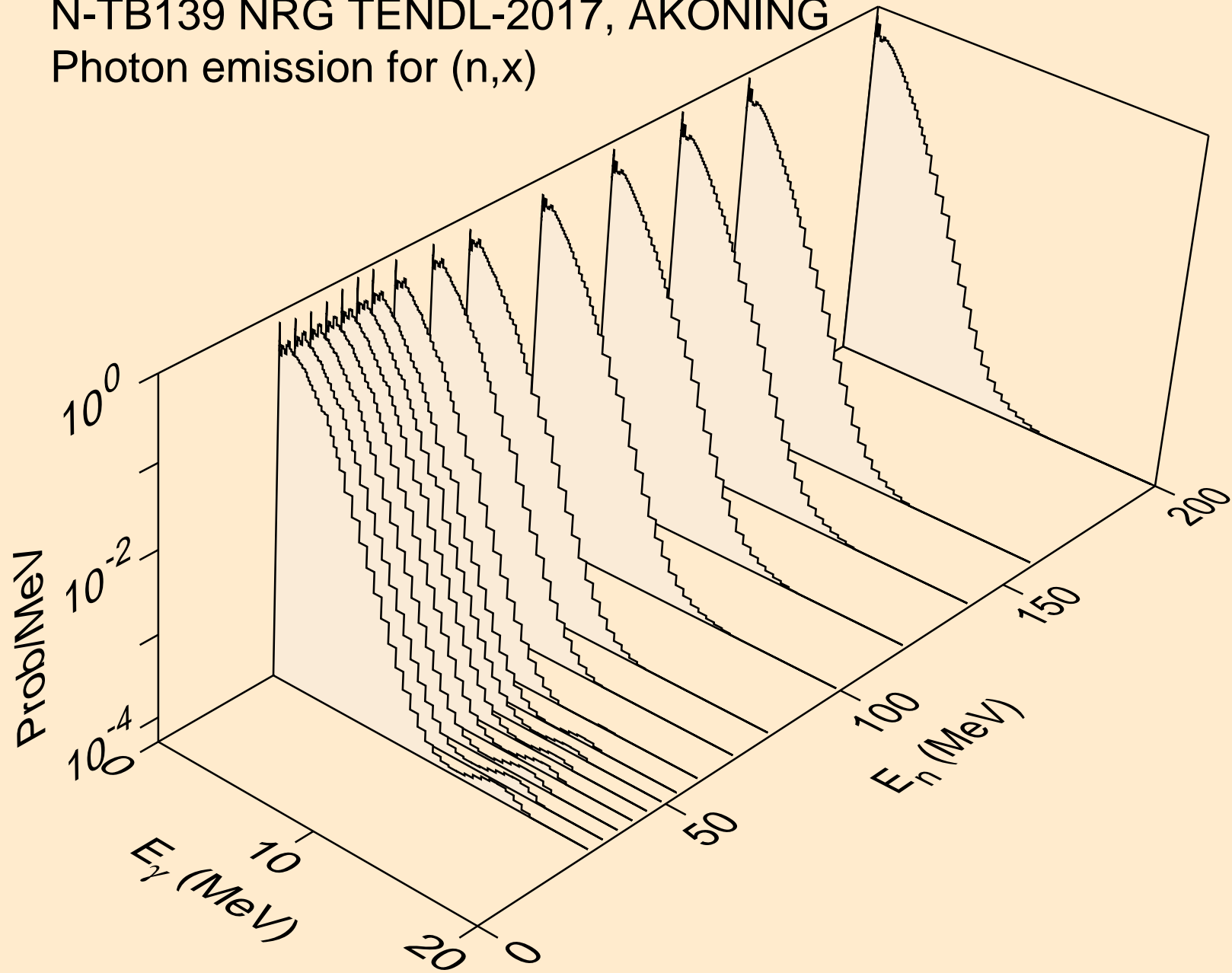
N-TB139 NRG TENDL-2017, AKONING
Neutron emission for (n,npa)



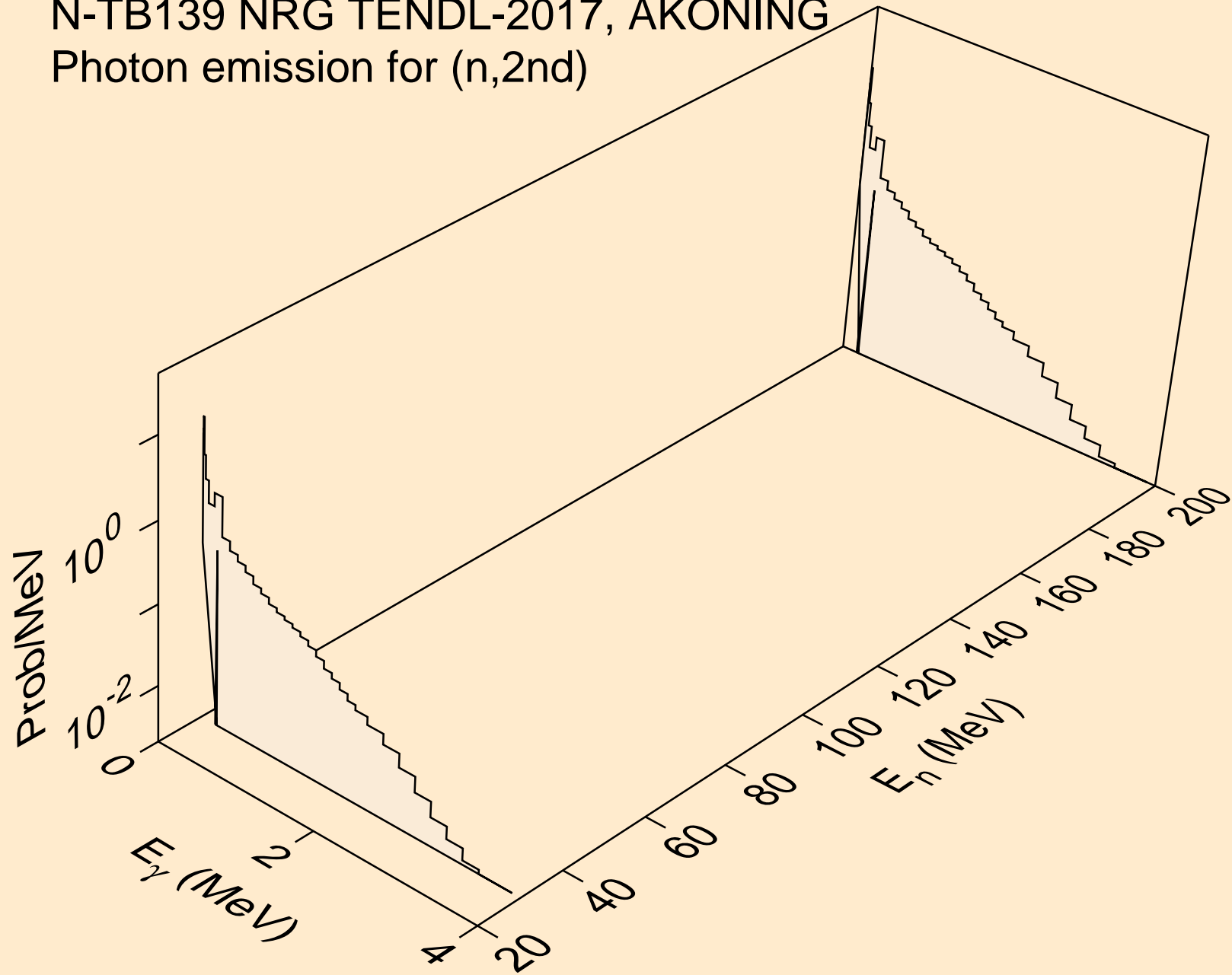
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Neutron emission for (n,n*c)



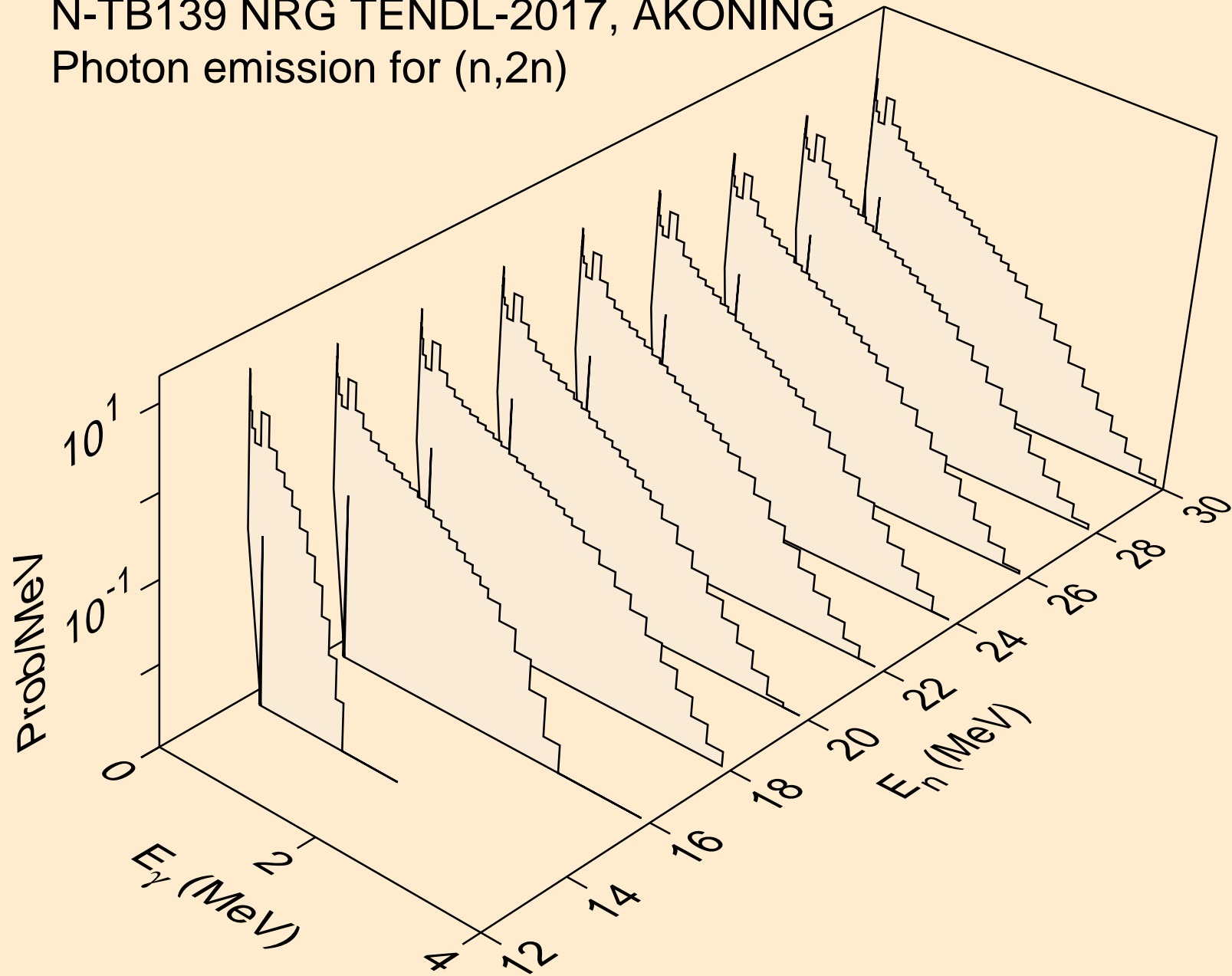
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,x)



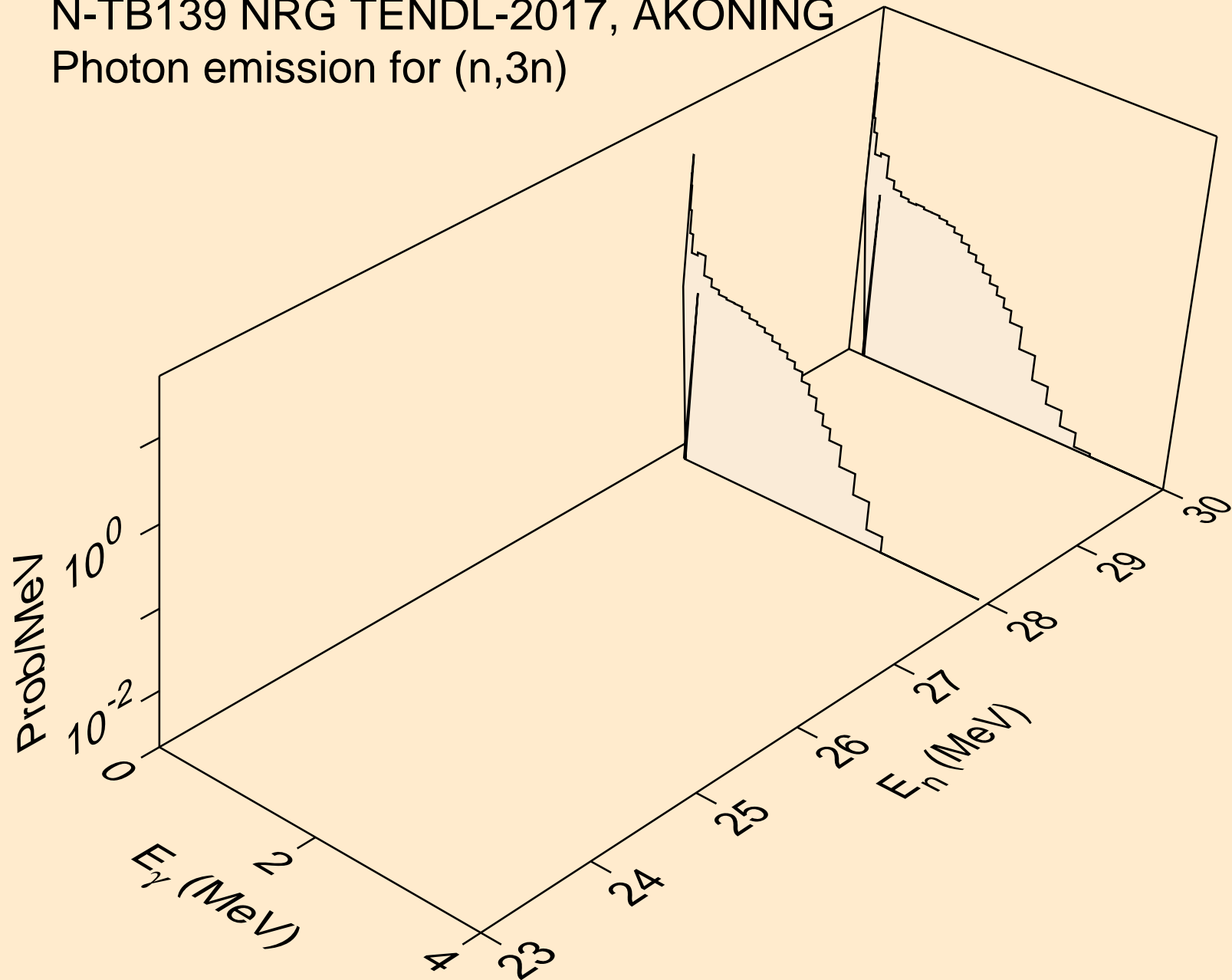
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,2nd)



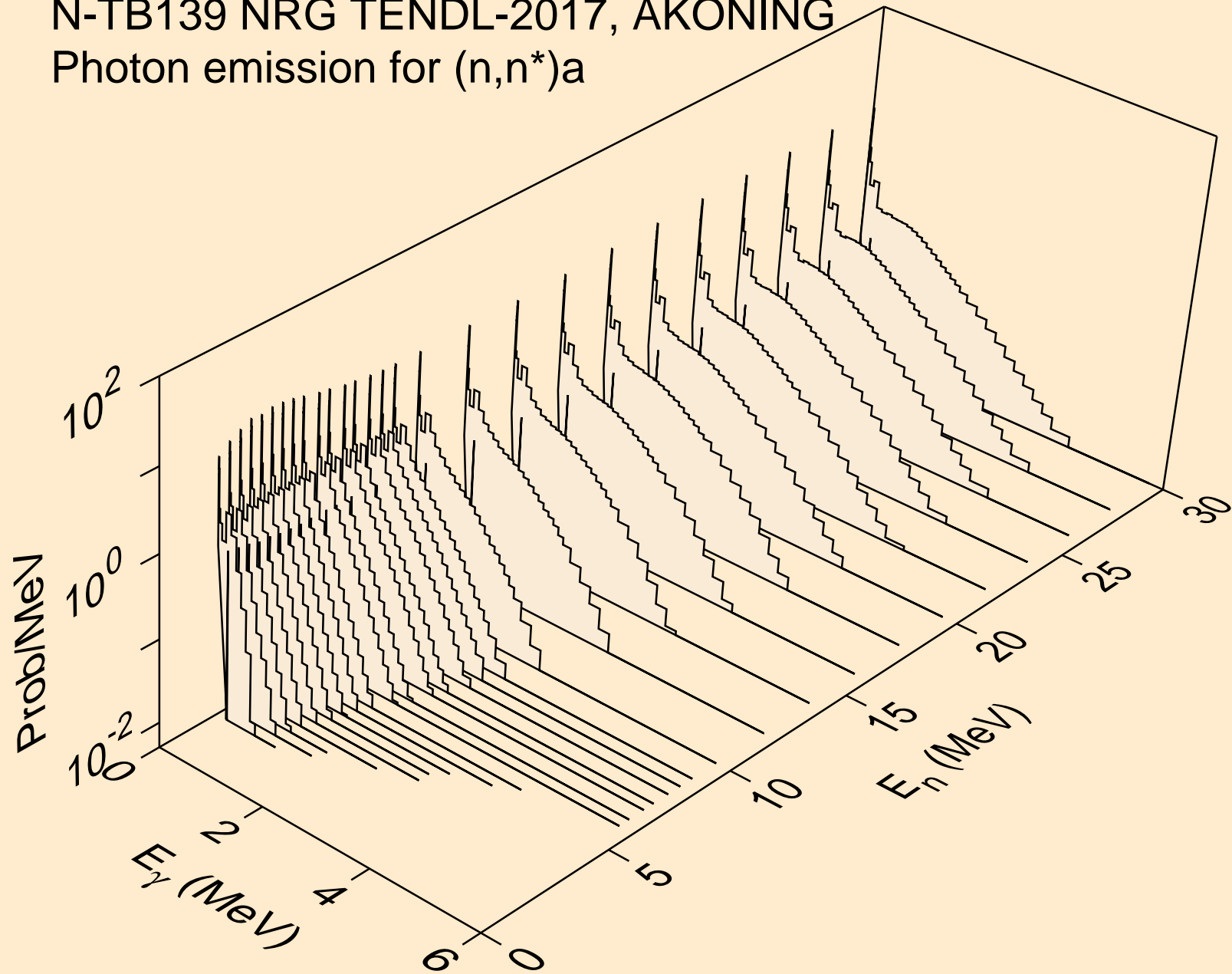
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Photon emission for (n,2n)



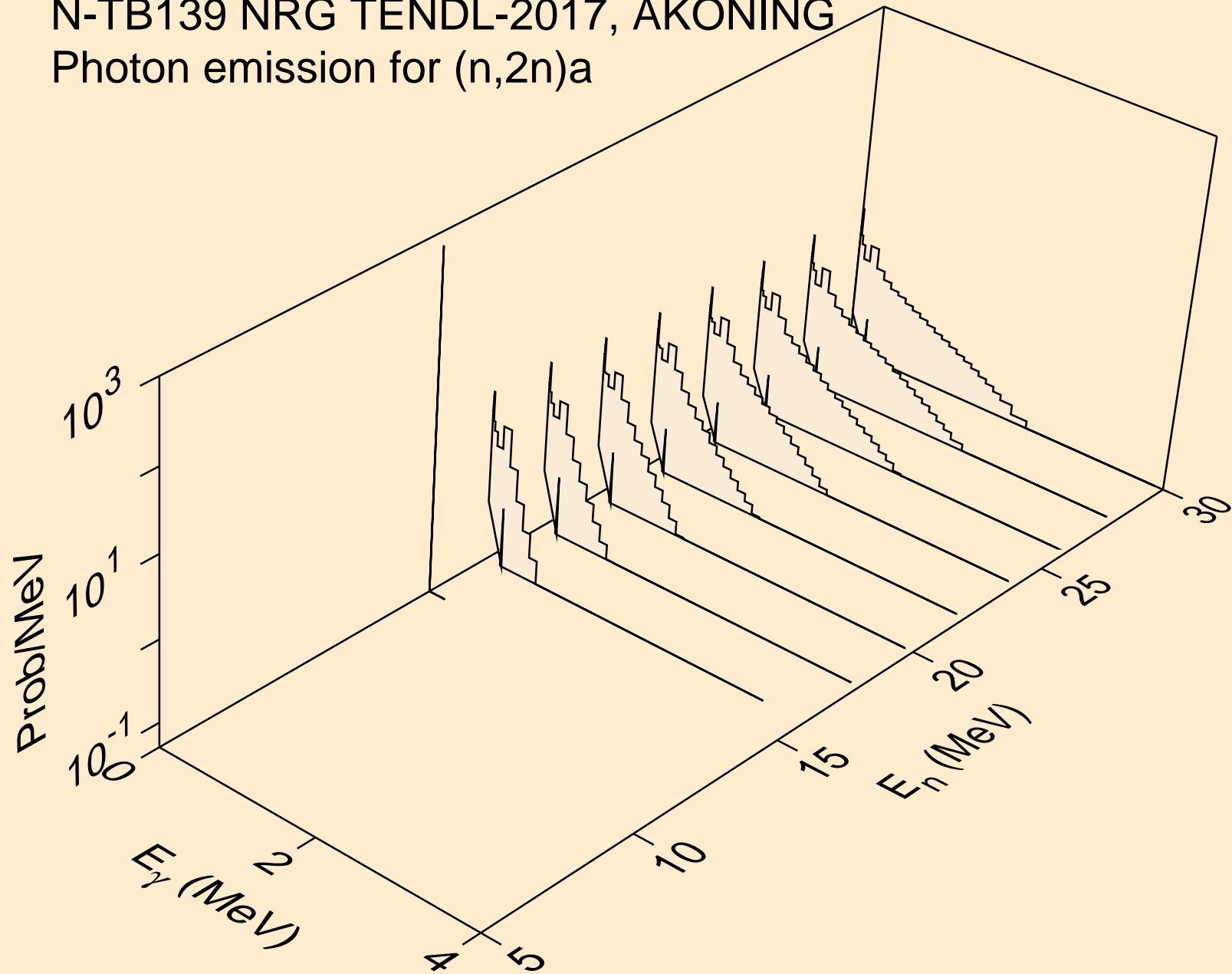
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Photon emission for (n,3n)



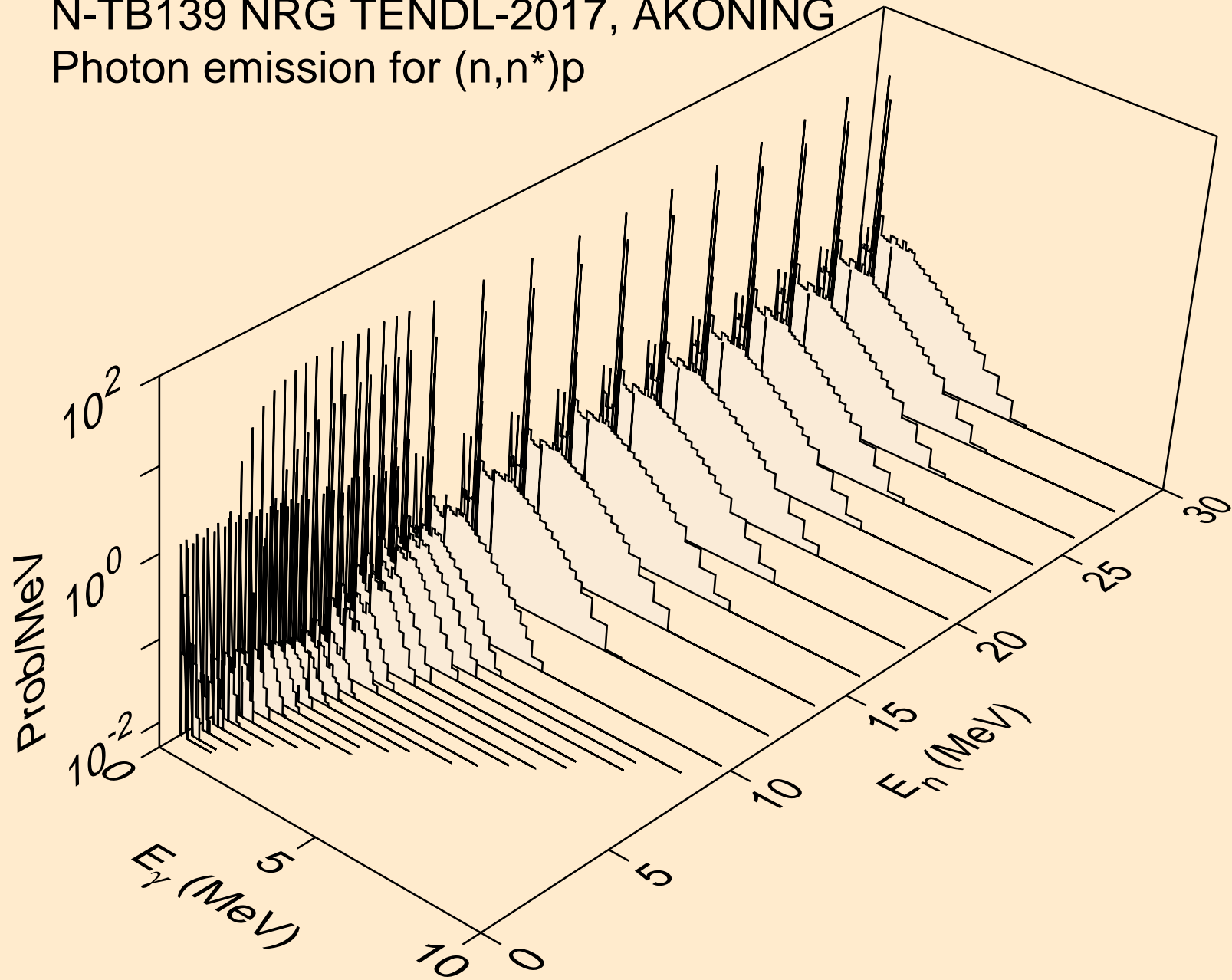
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,n*)a



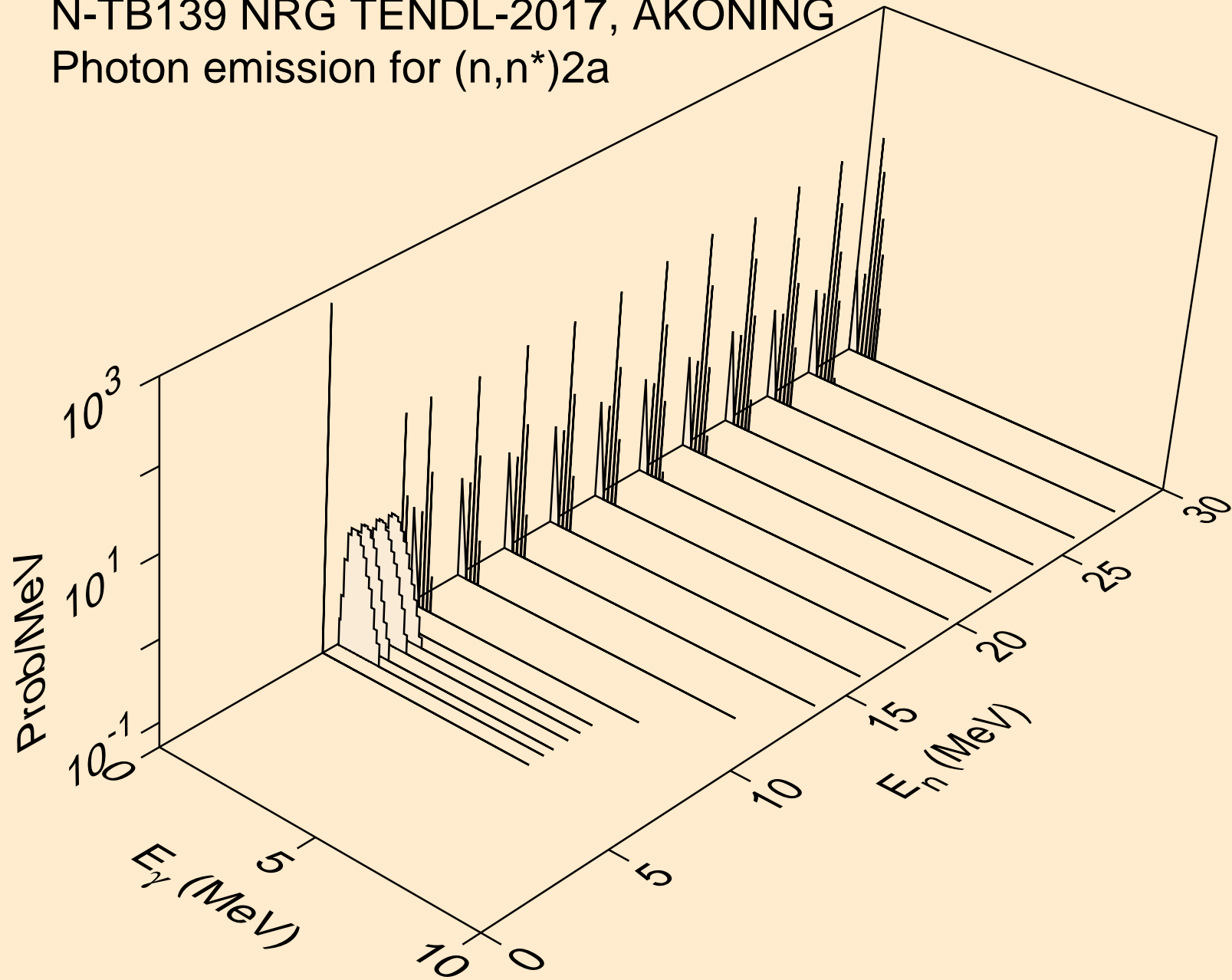
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,2n)a



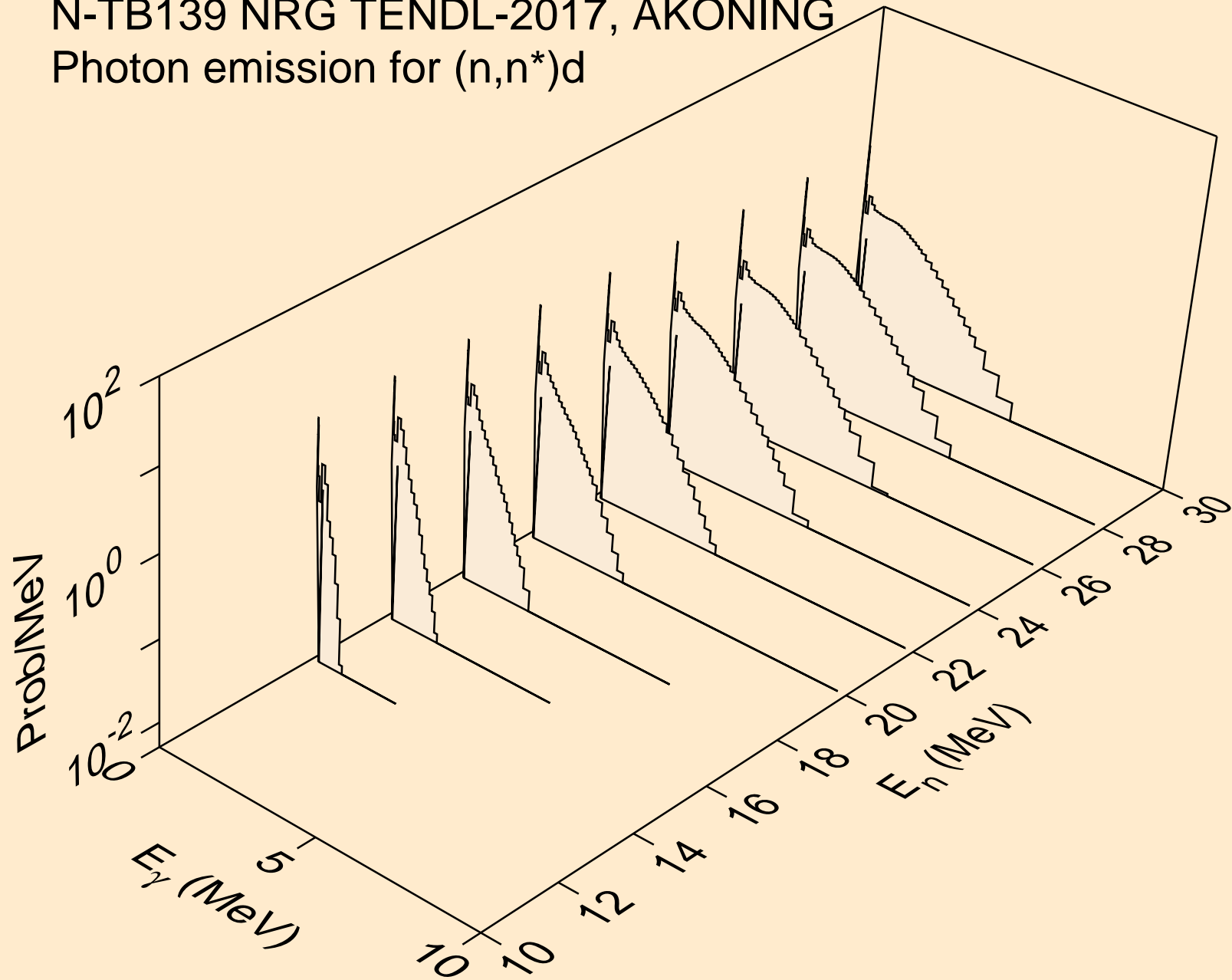
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,n*)p



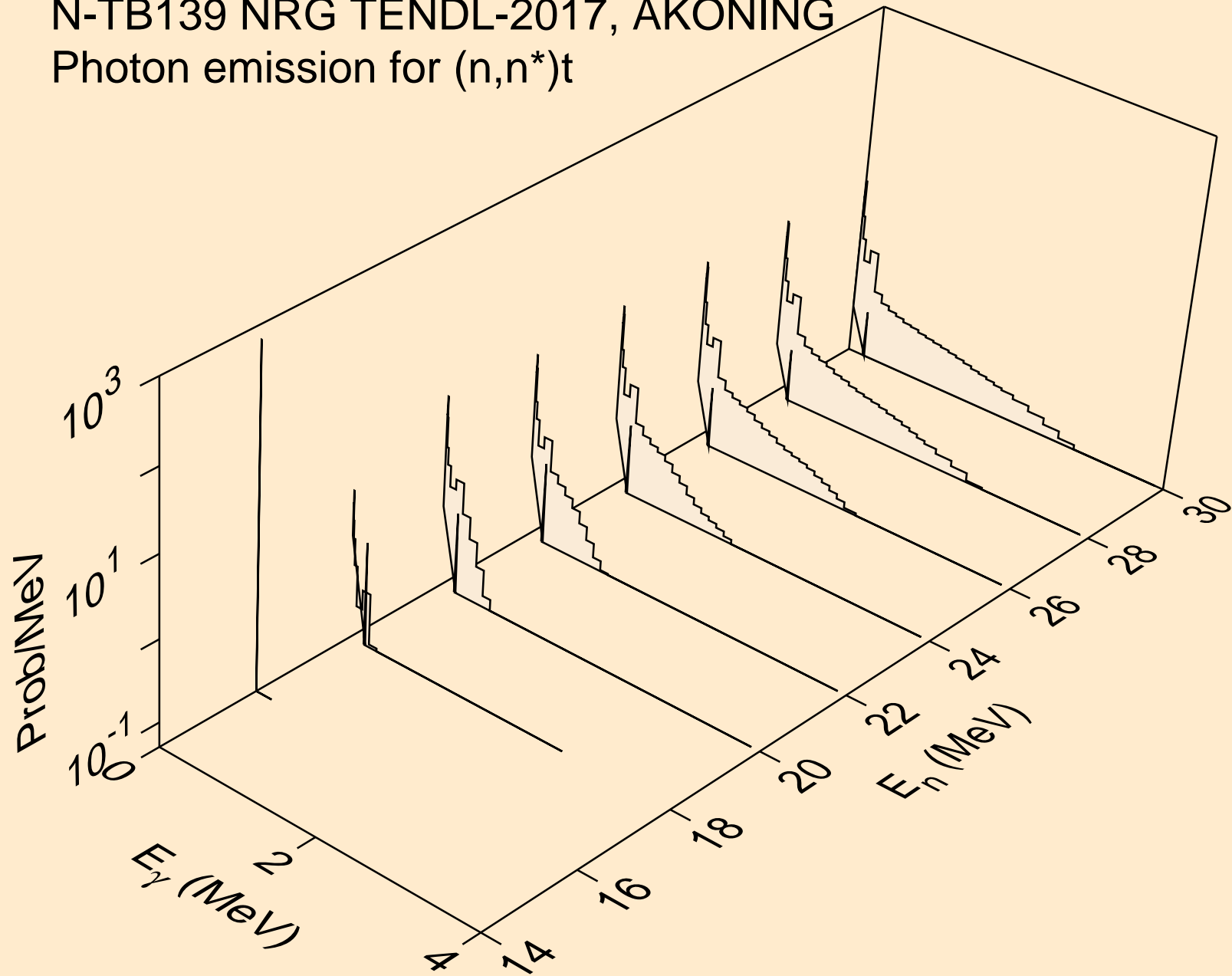
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,n*)2a



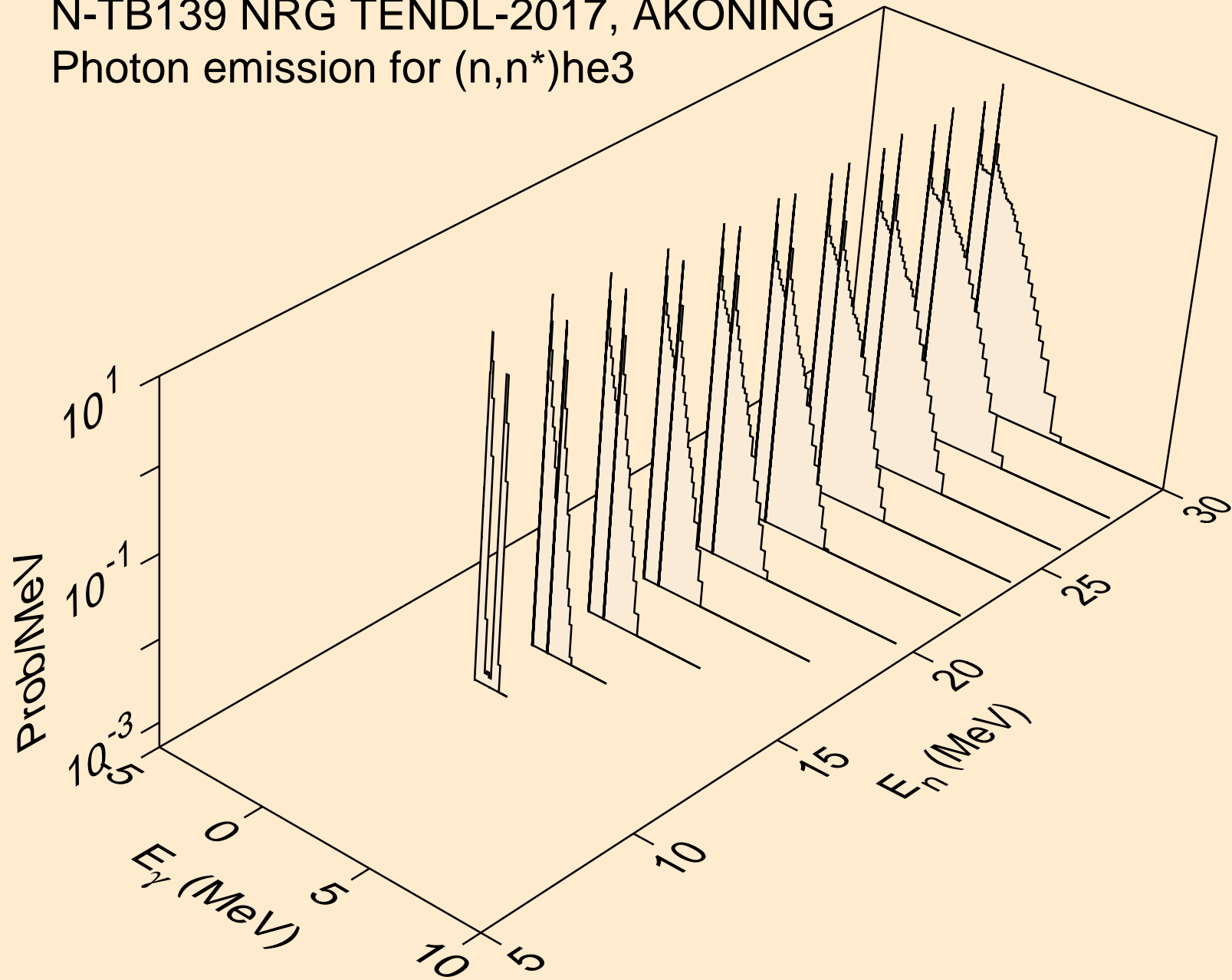
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,n*)d



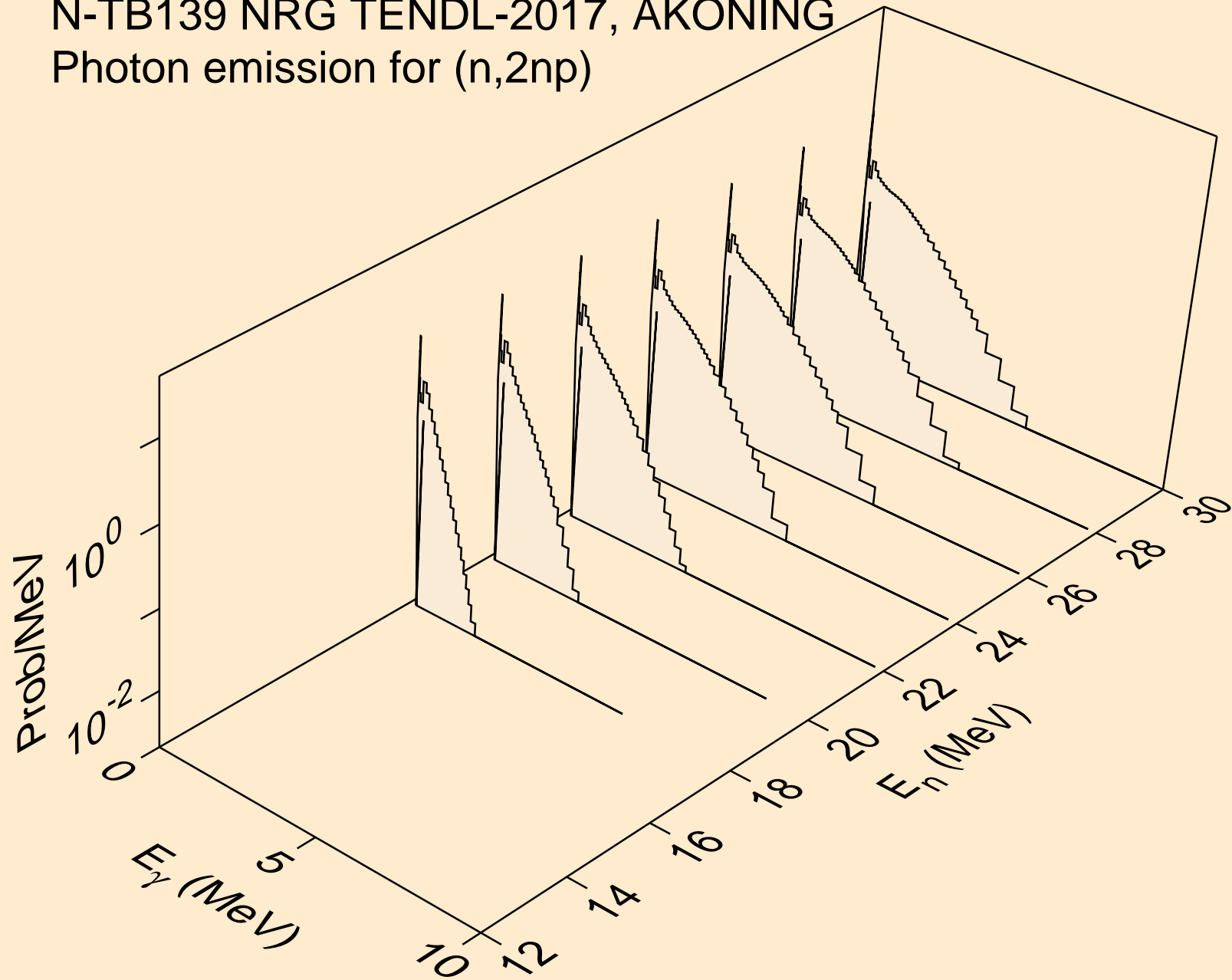
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,n*)t



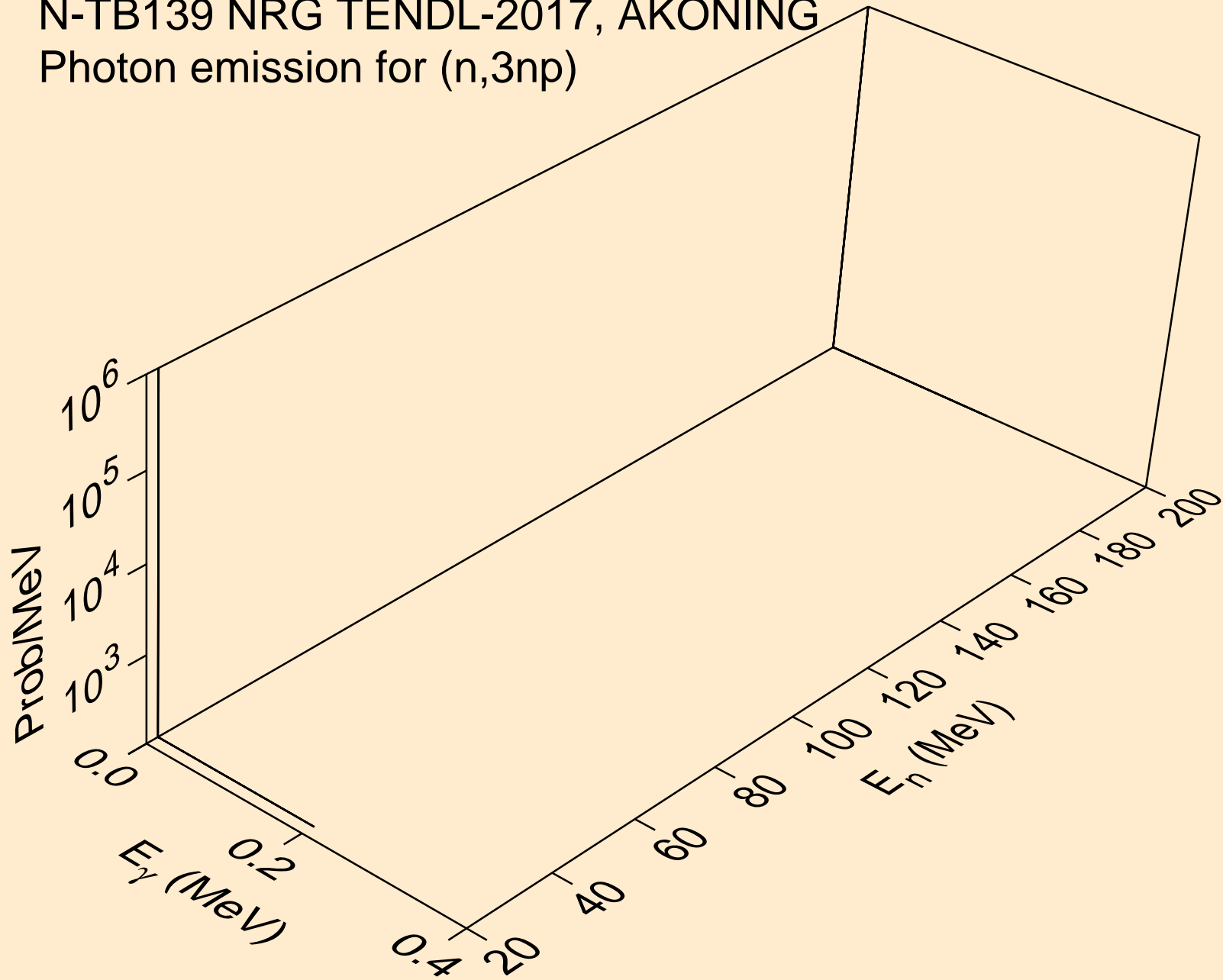
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,n*)he3



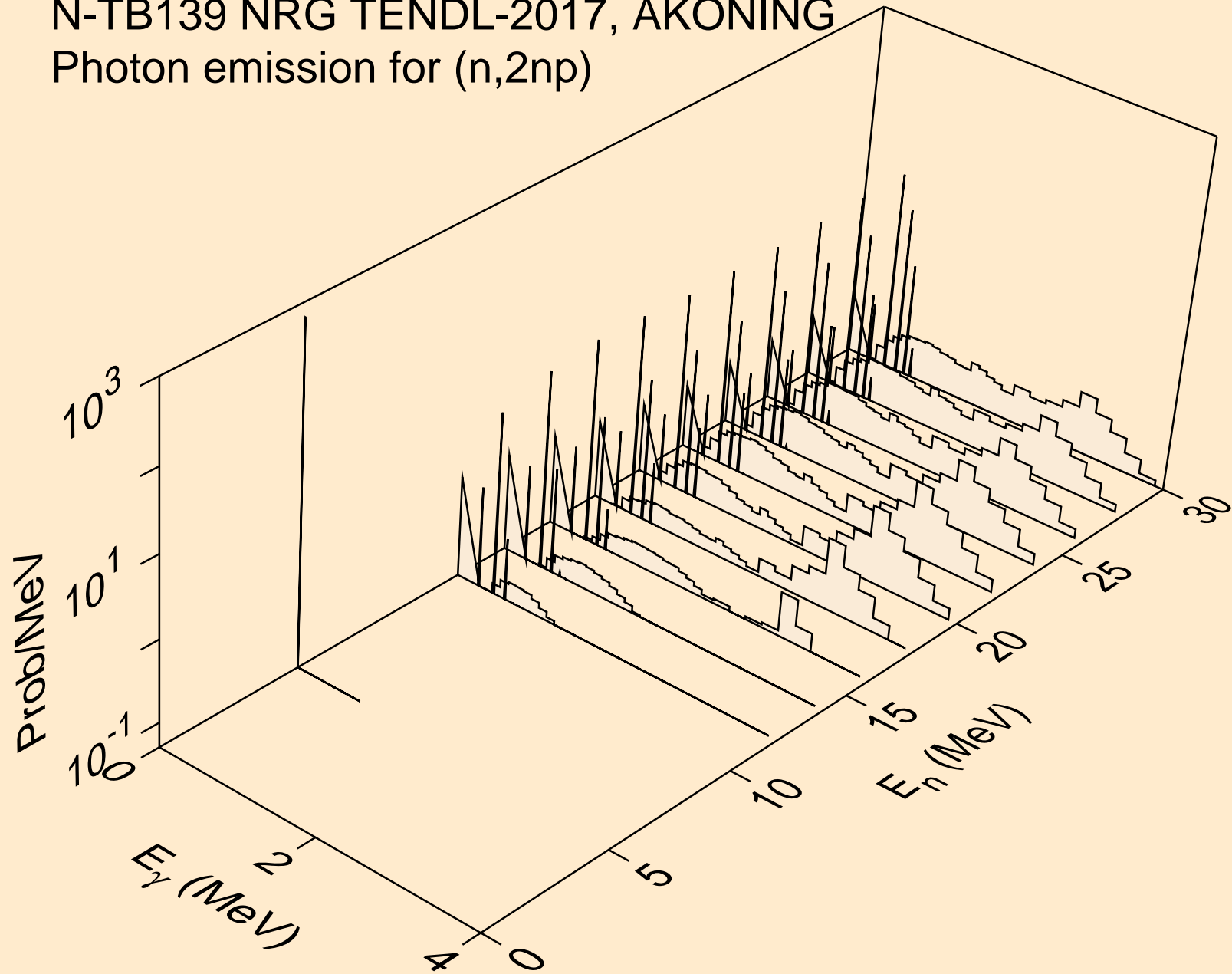
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Photon emission for (n,2np)



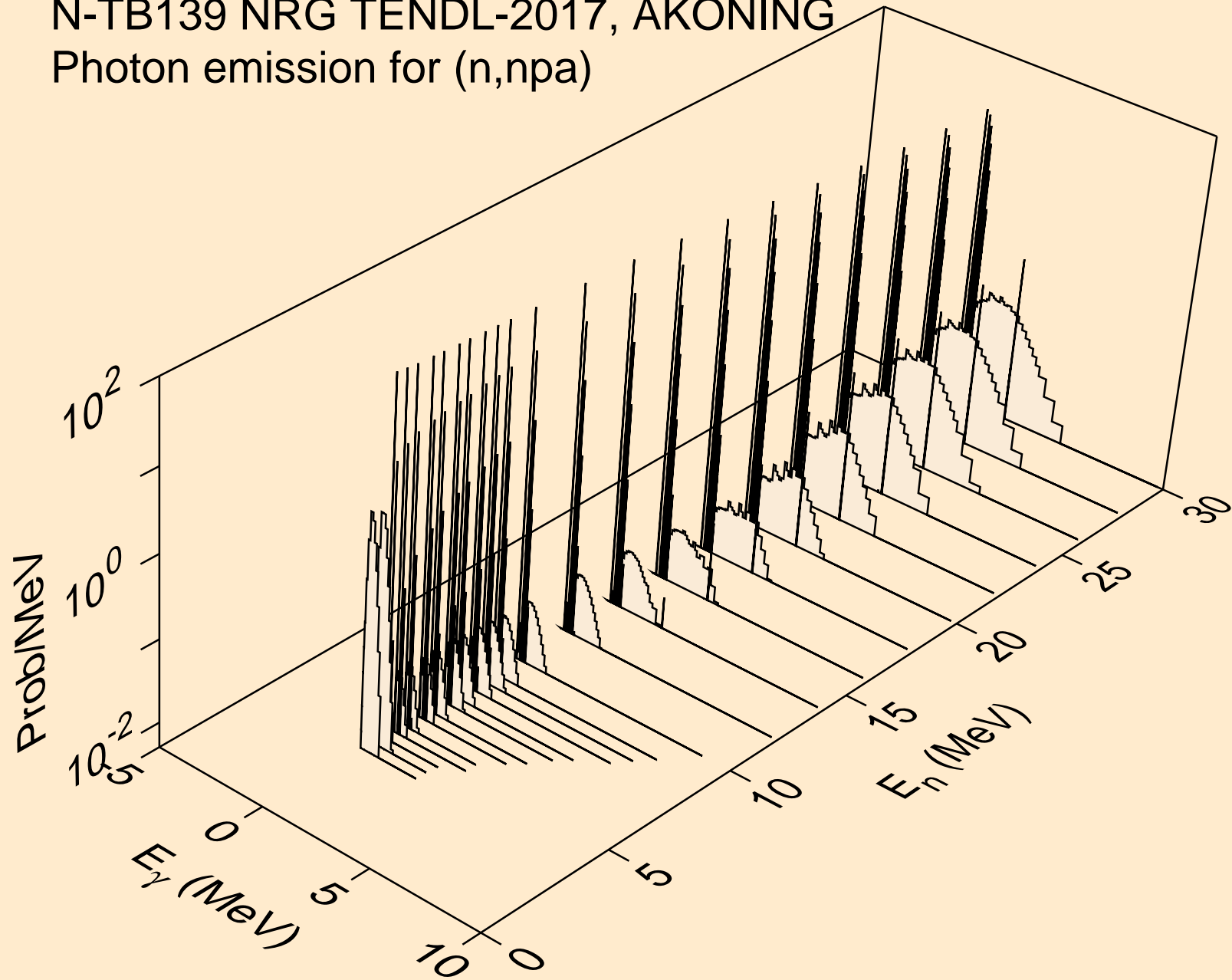
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Photon emission for (n,3np)



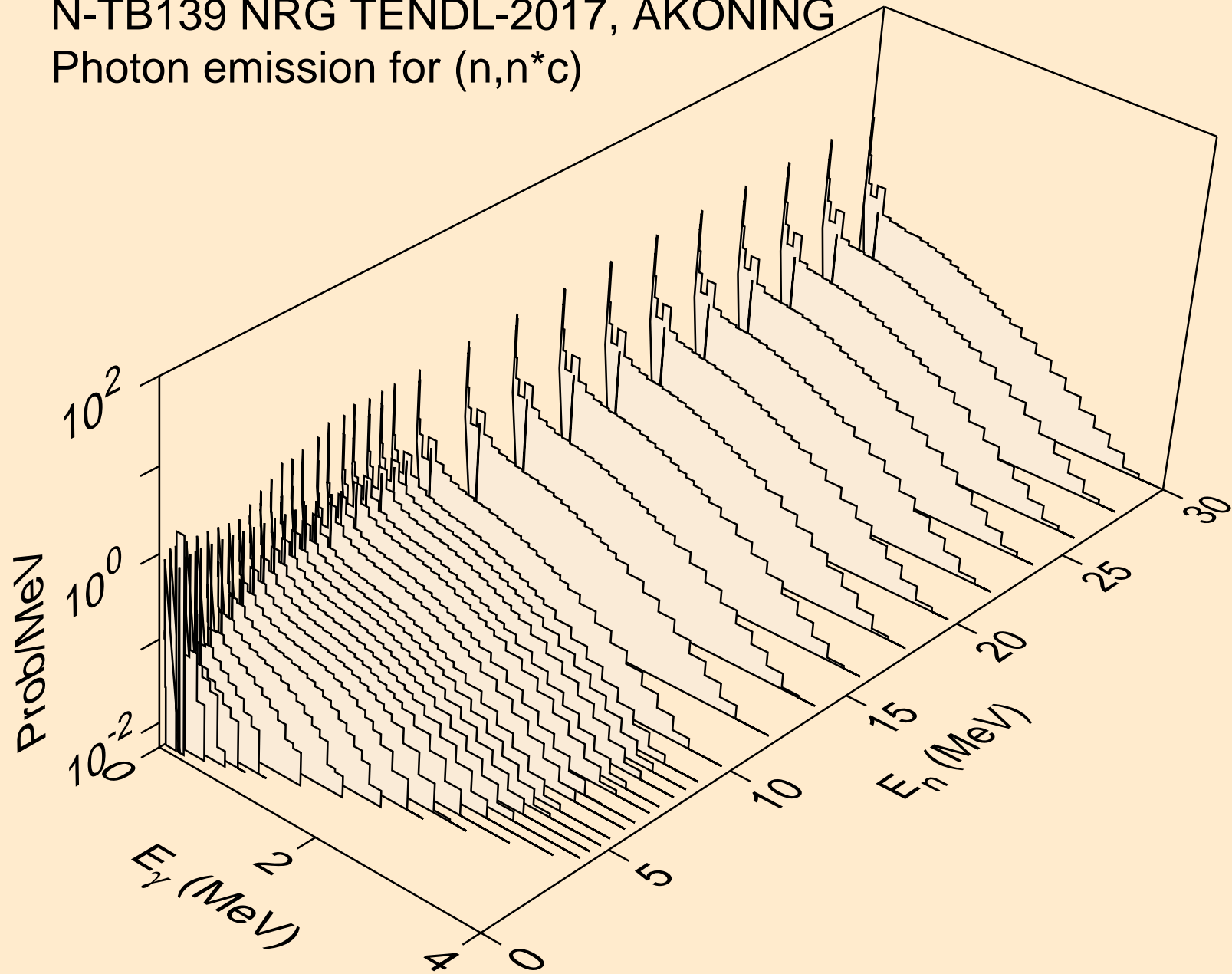
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Photon emission for (n,2np)



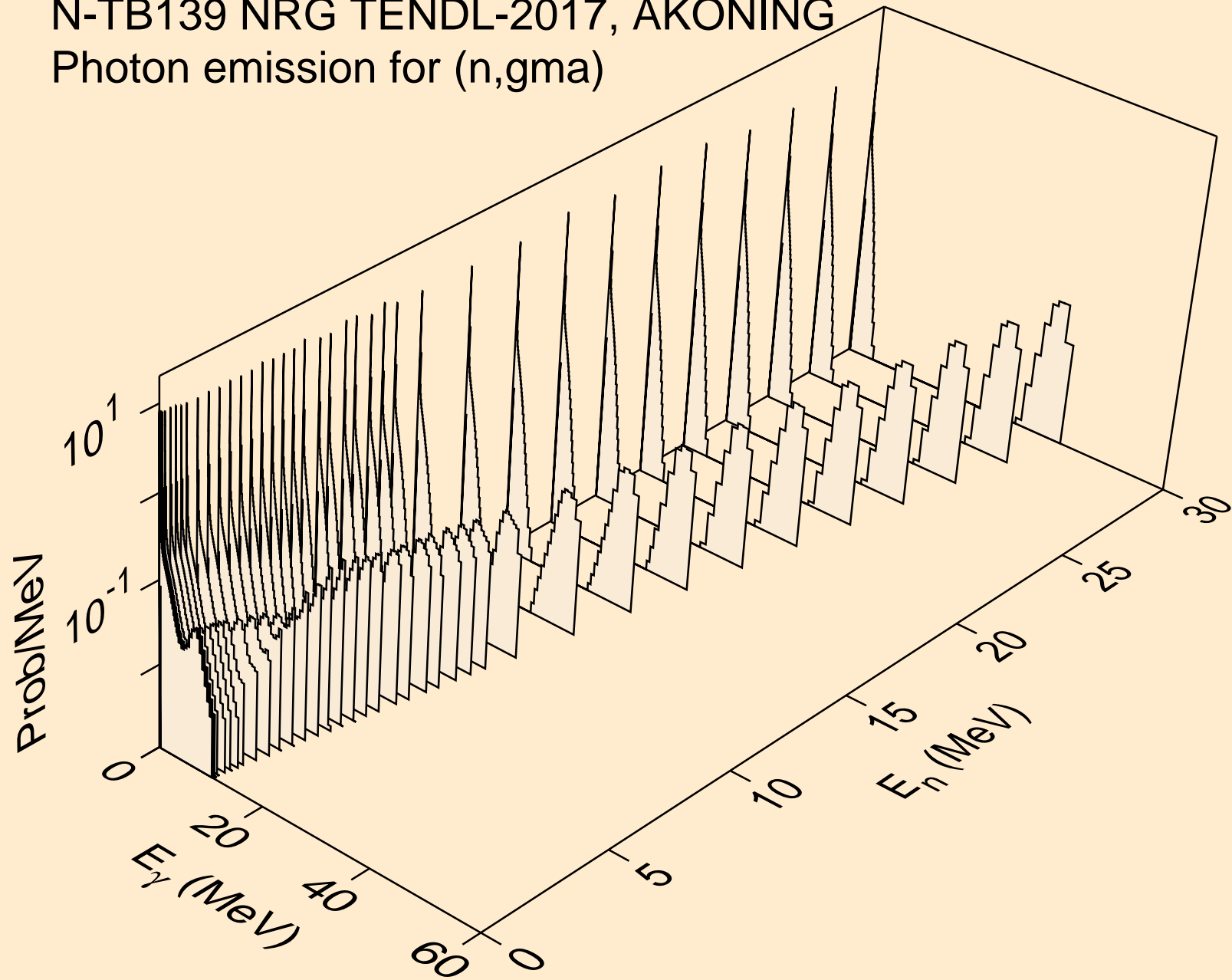
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Photon emission for (n,npa)



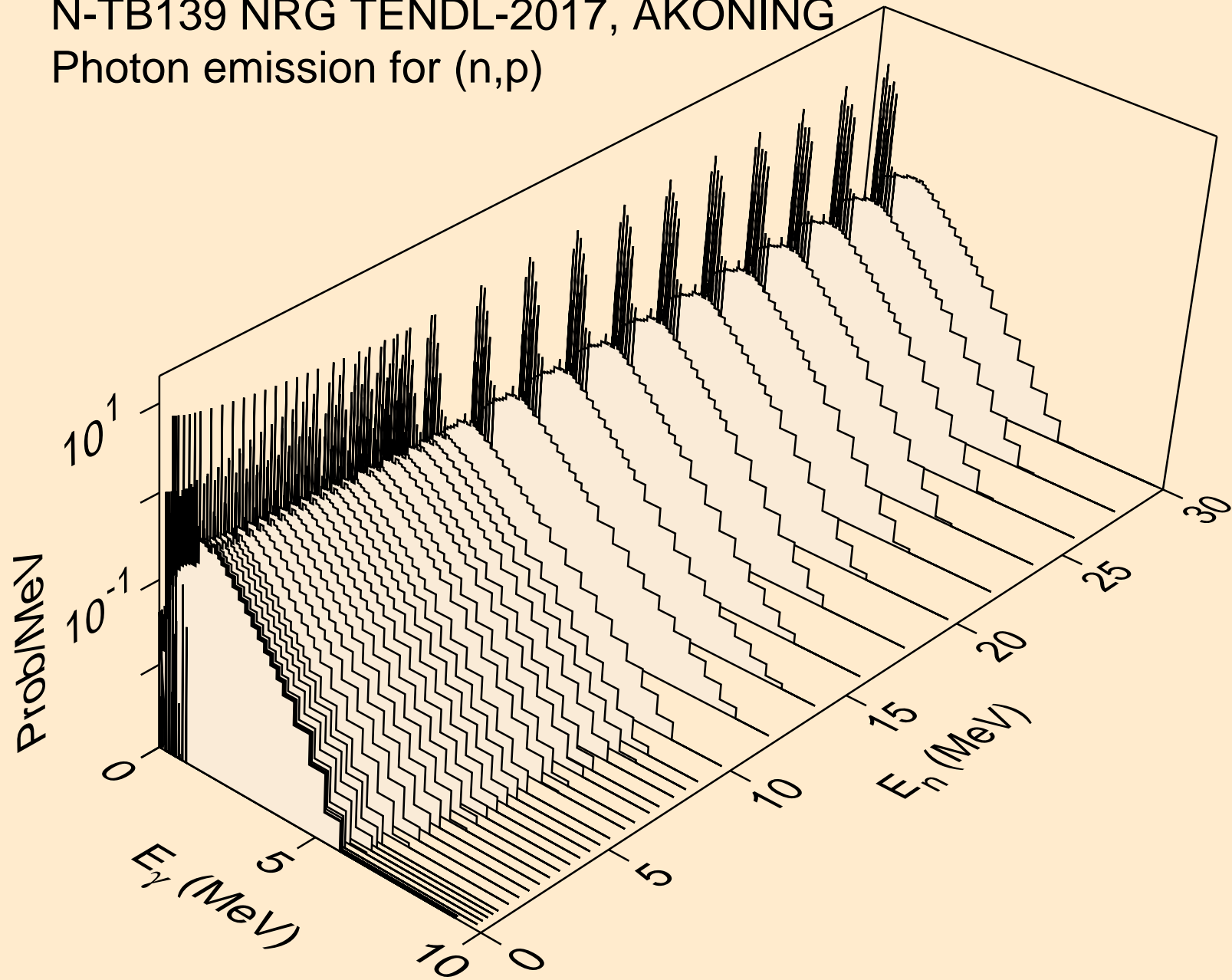
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Photon emission for (n,n*c)



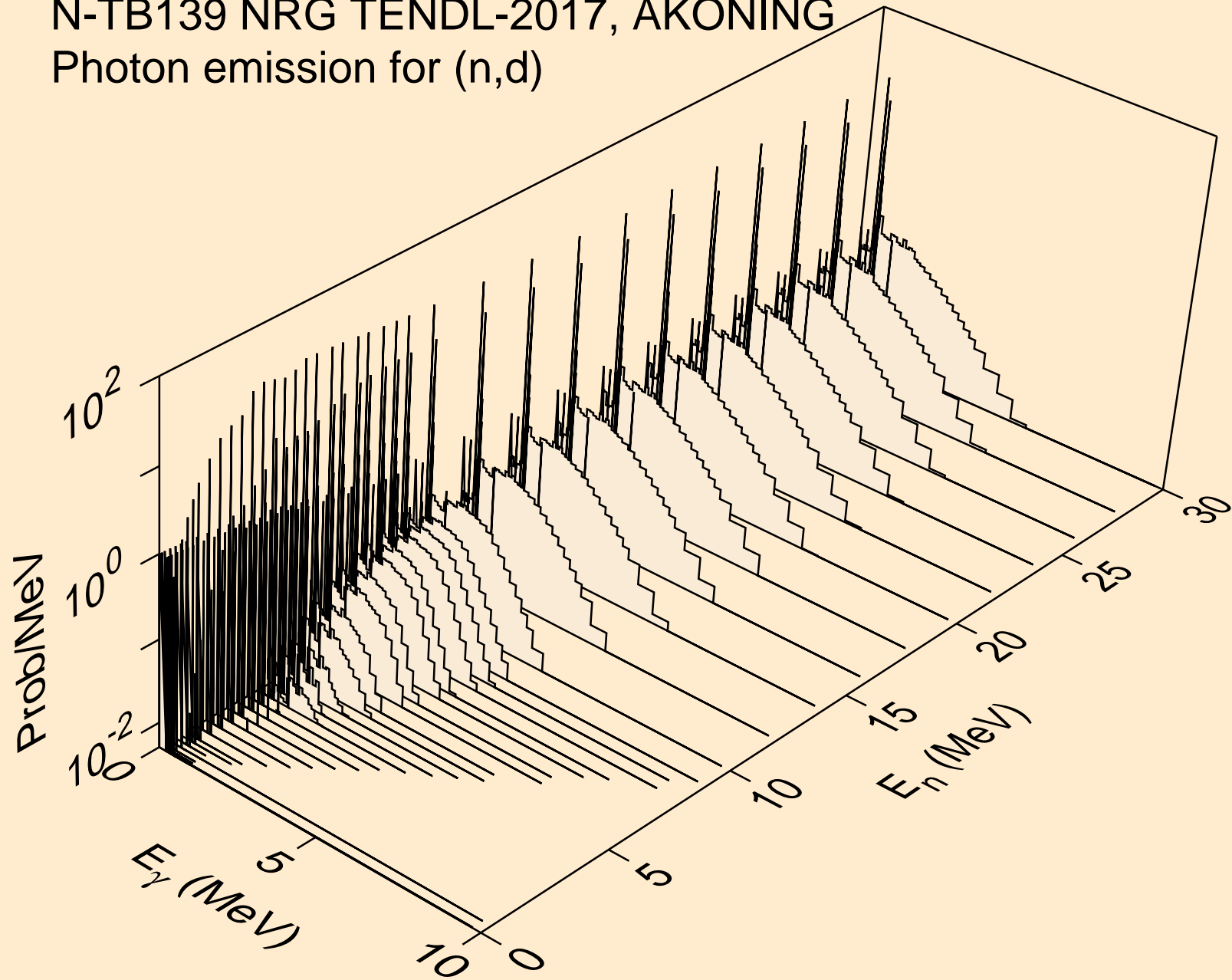
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Photon emission for (n,gma)



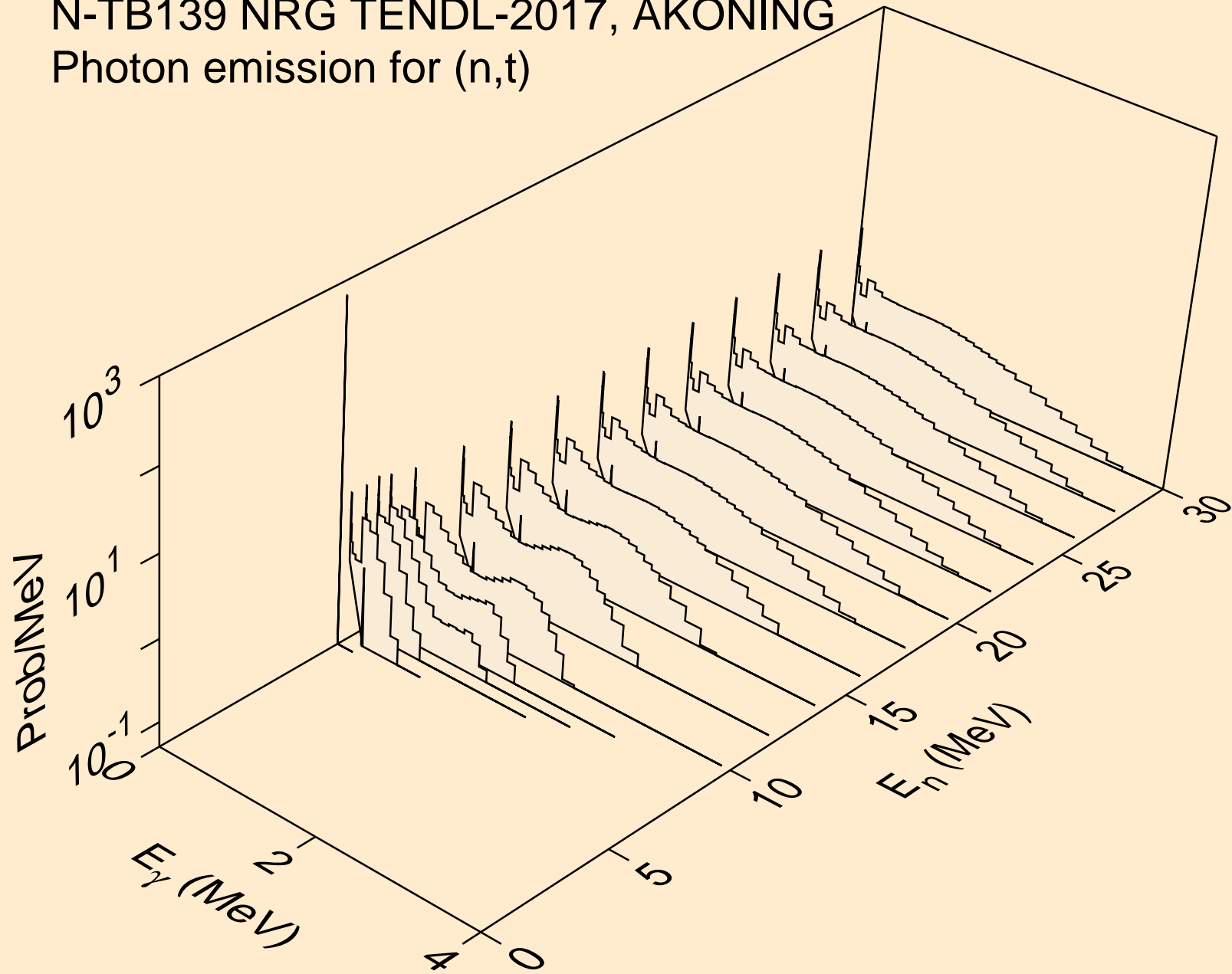
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Photon emission for (n,p)



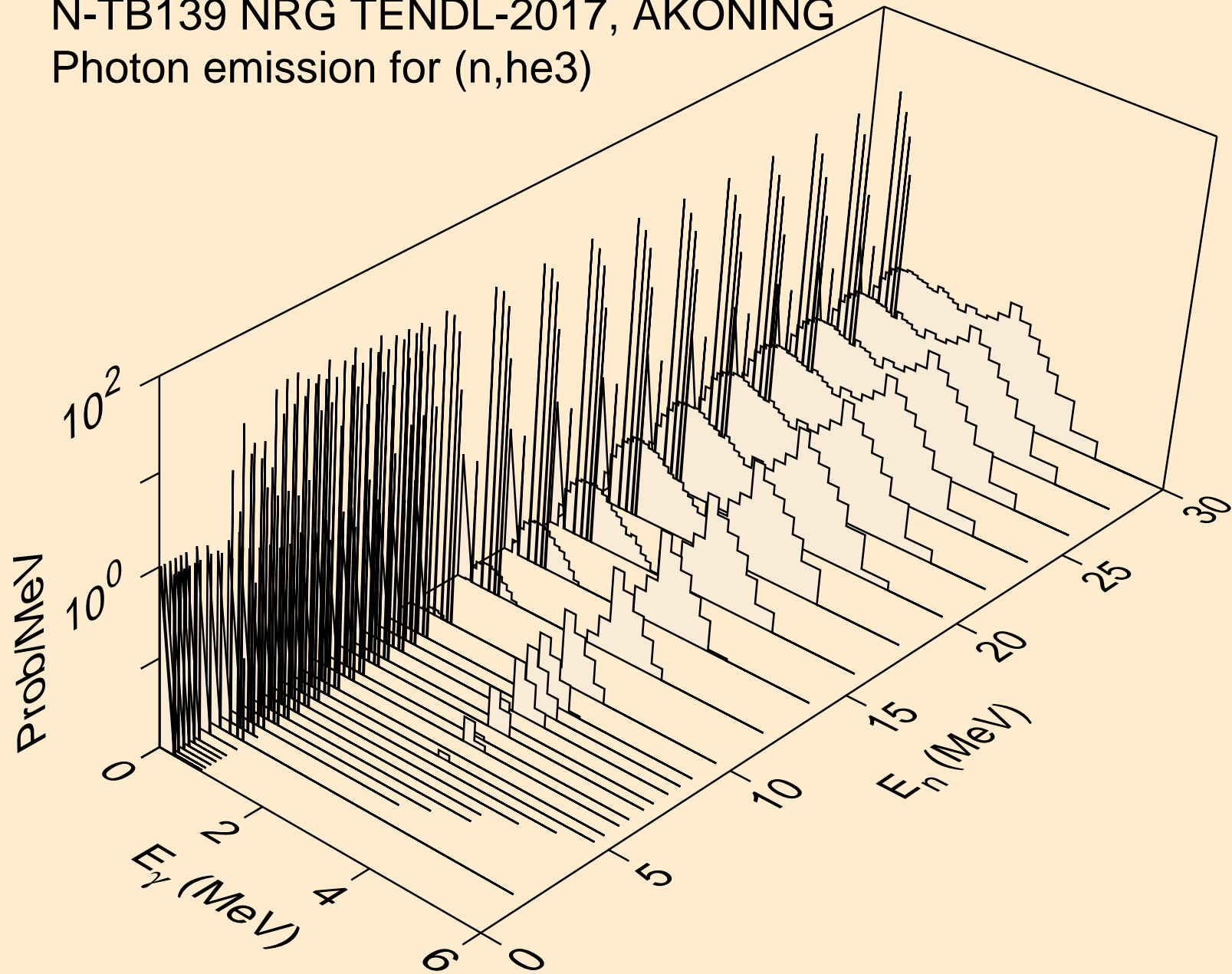
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Photon emission for (n,d)



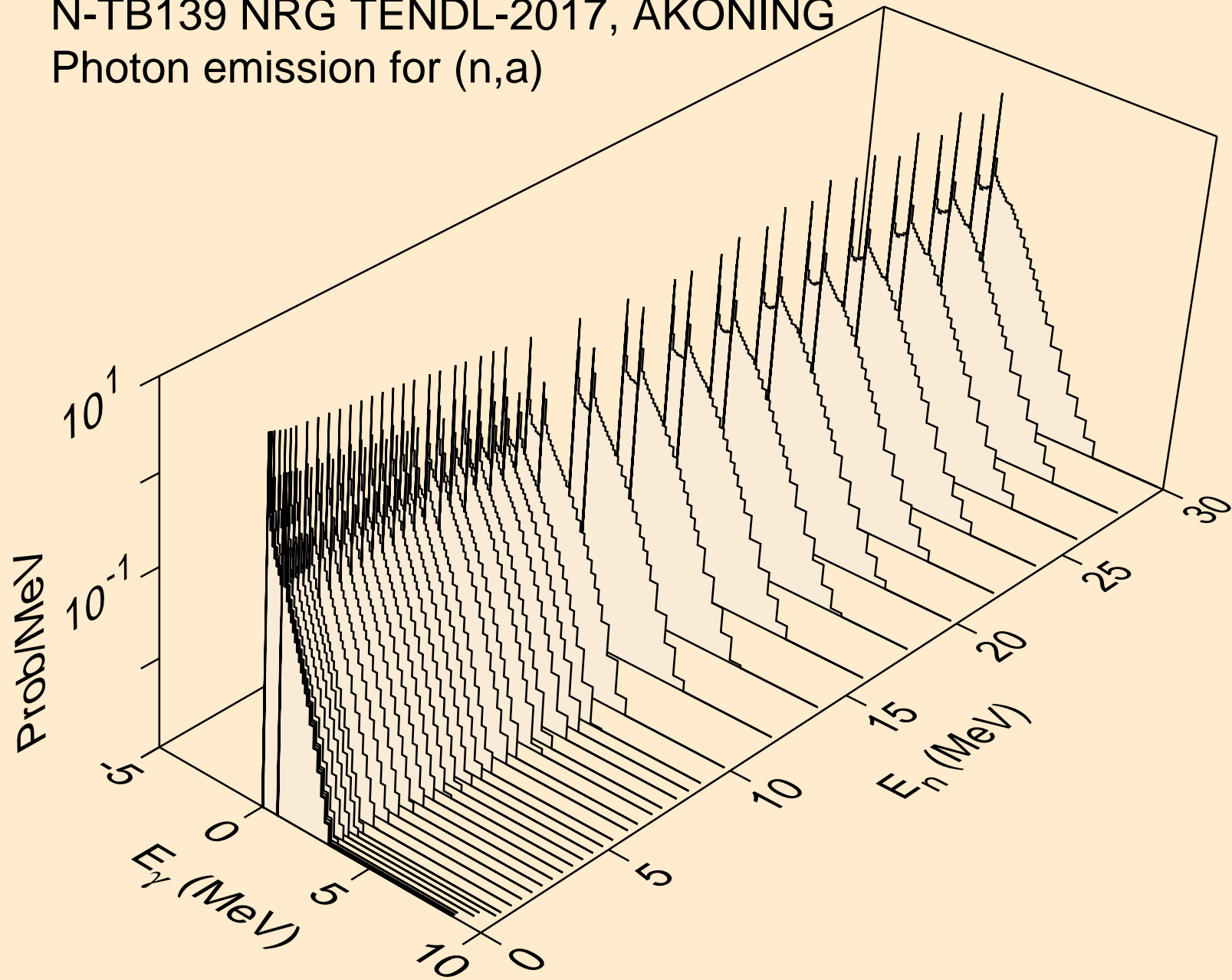
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,t)



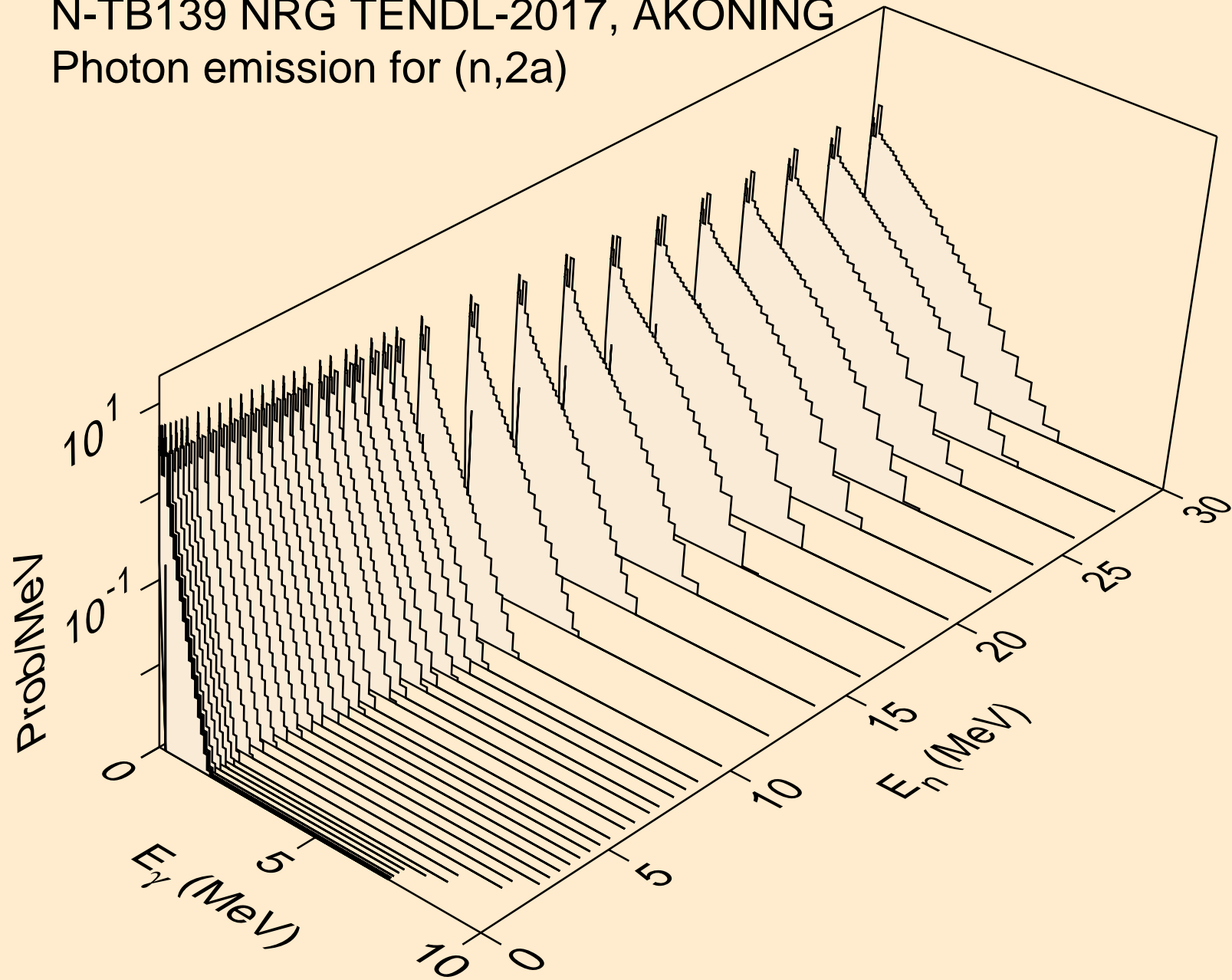
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,he3)



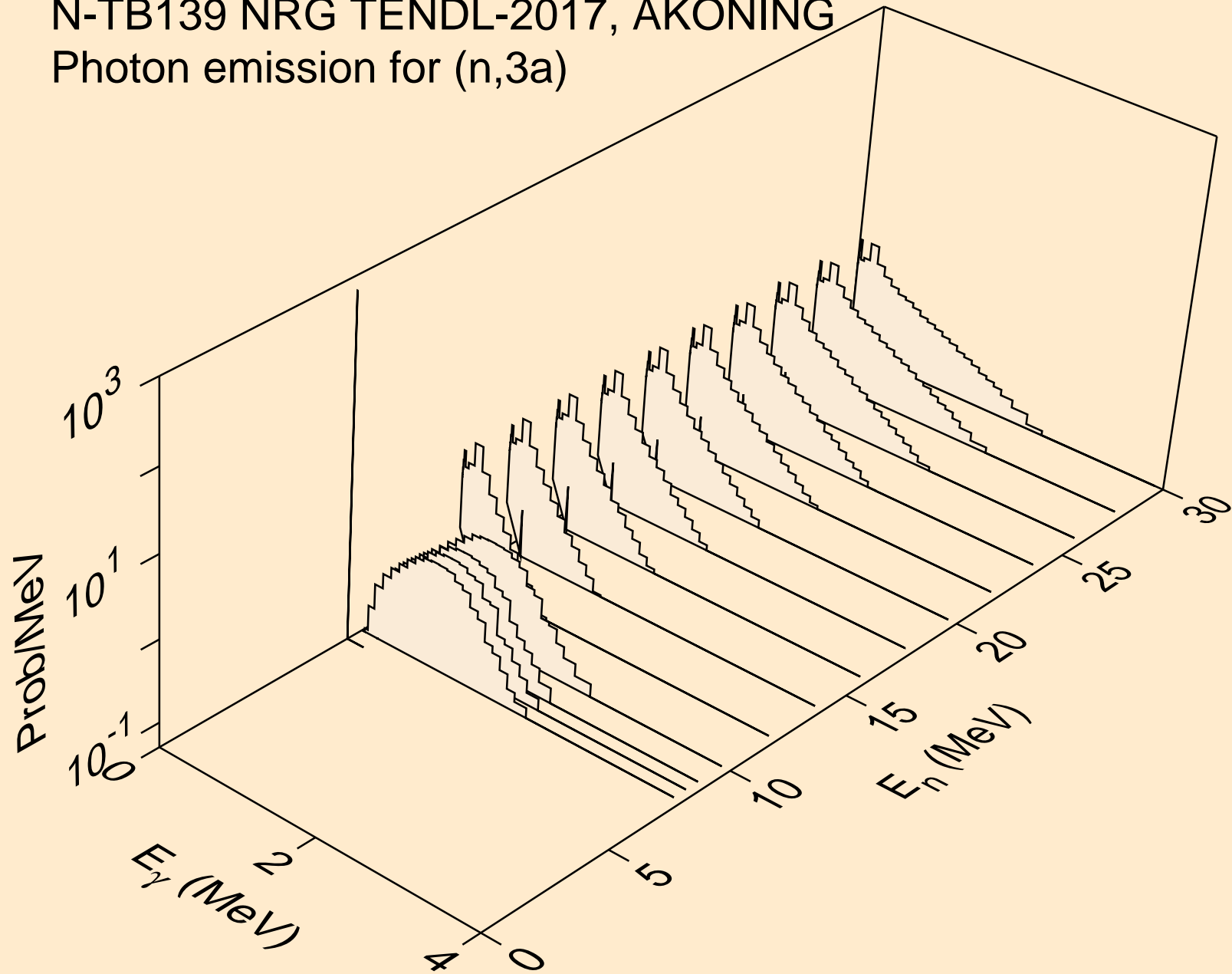
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,a)



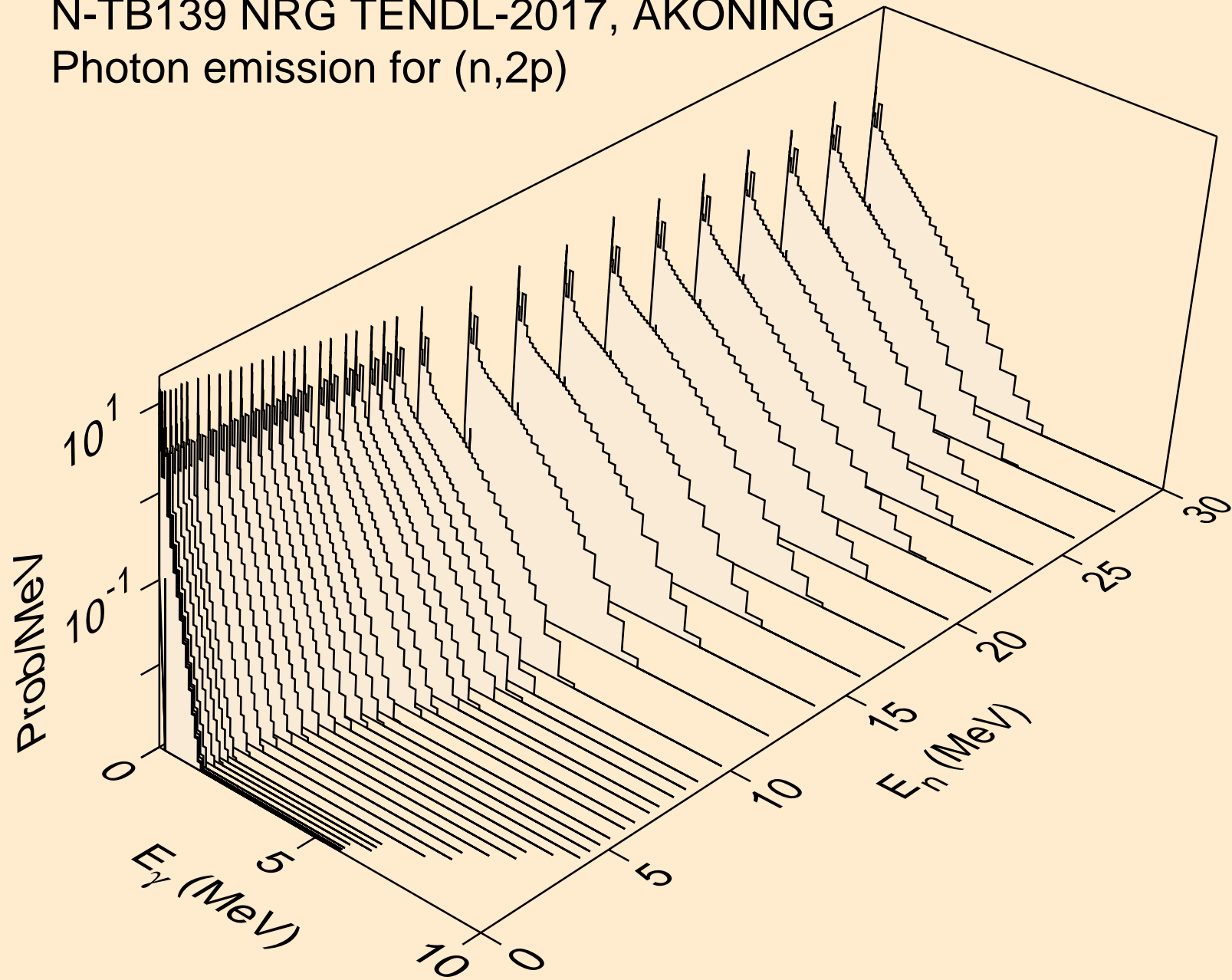
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,2a)



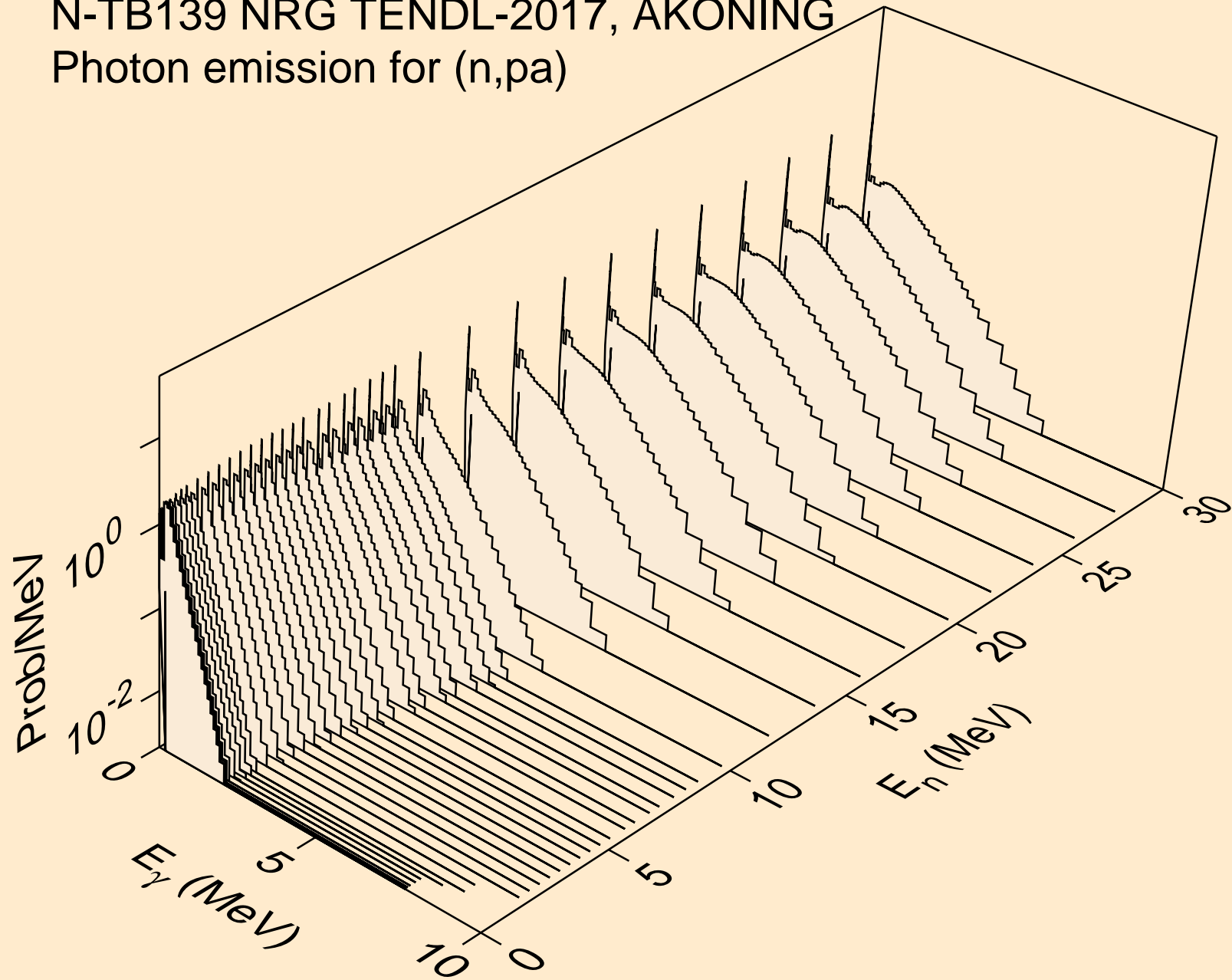
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Photon emission for (n,3a)



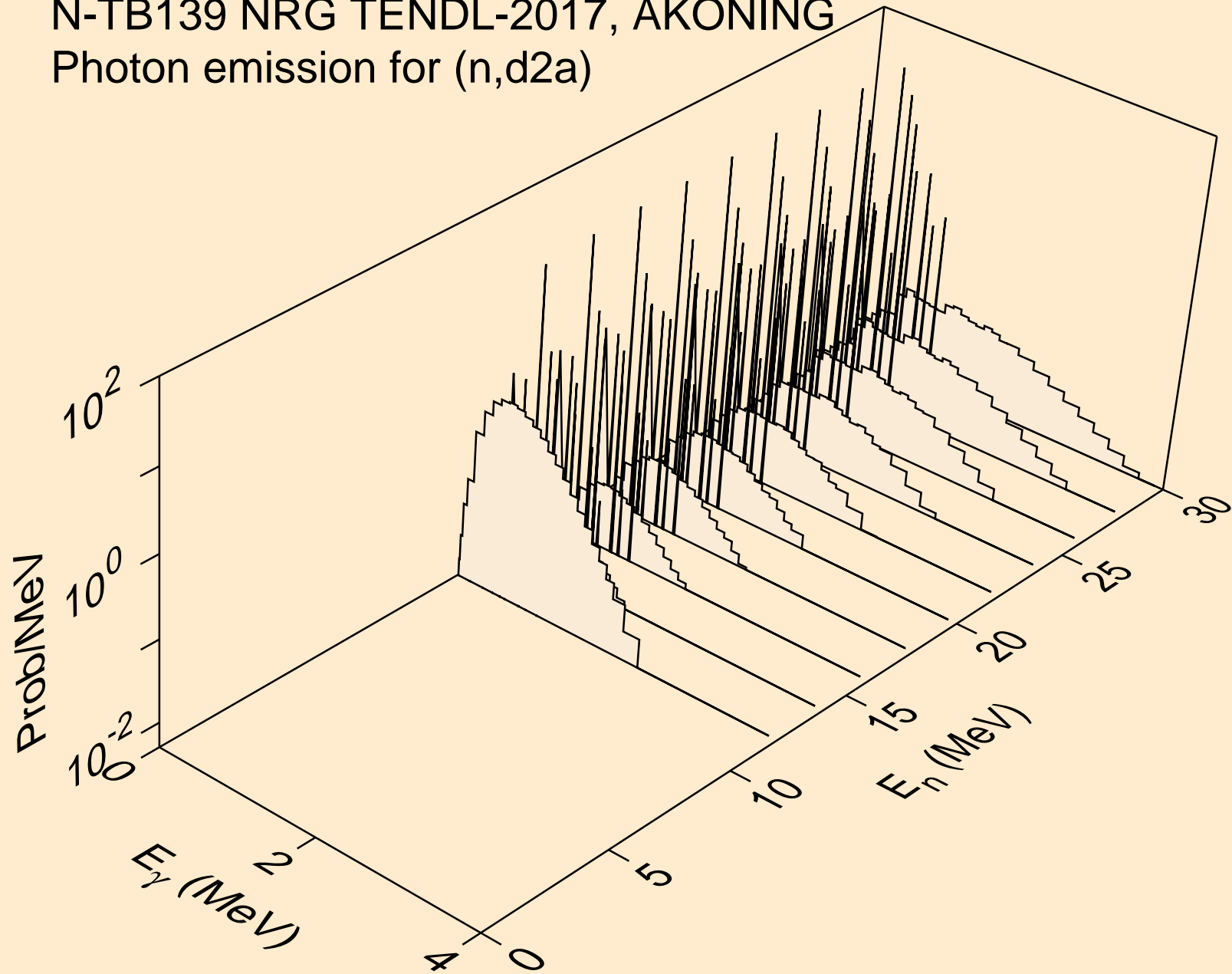
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Photon emission for (n,2p)



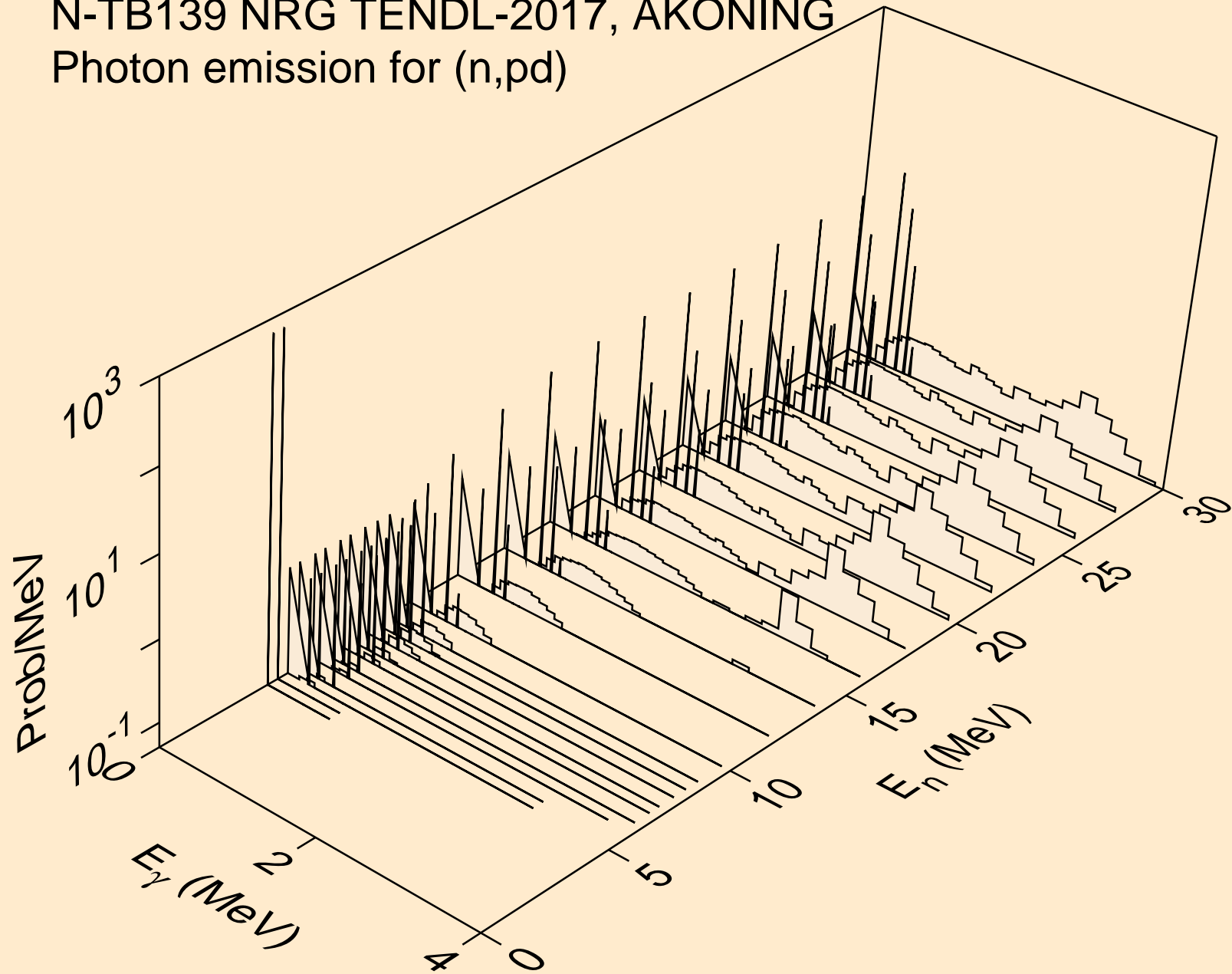
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,p α)



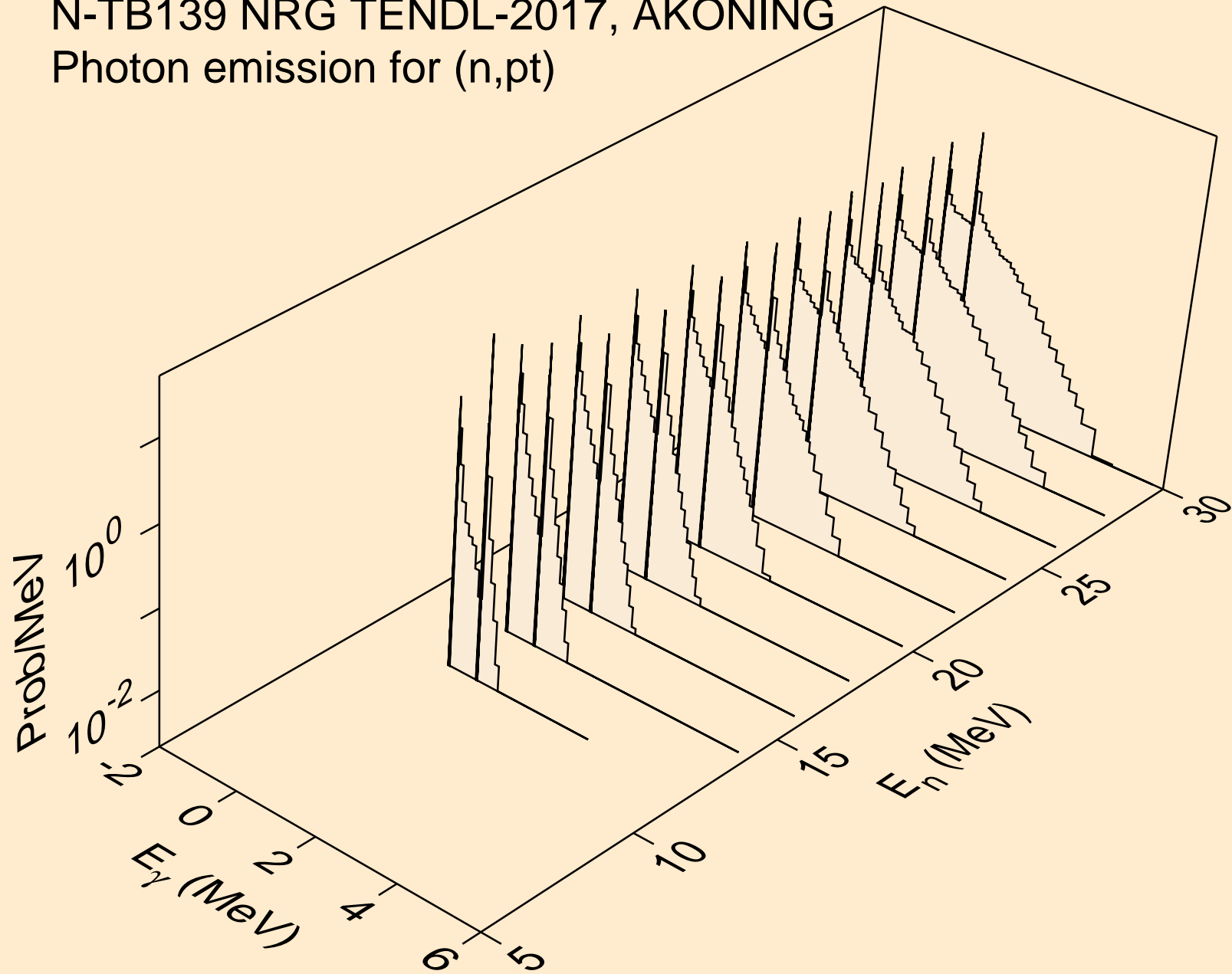
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,d2a)



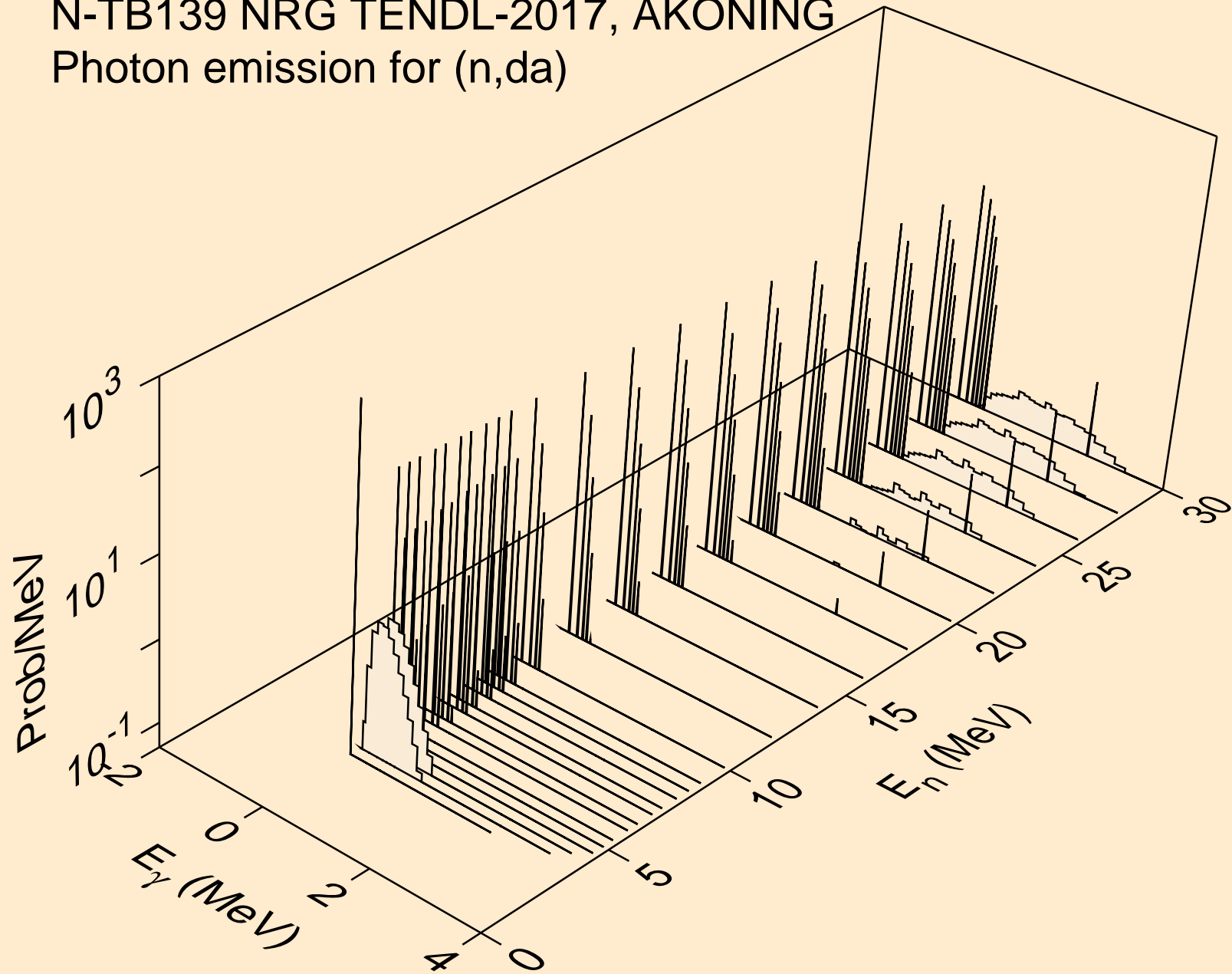
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,pd)



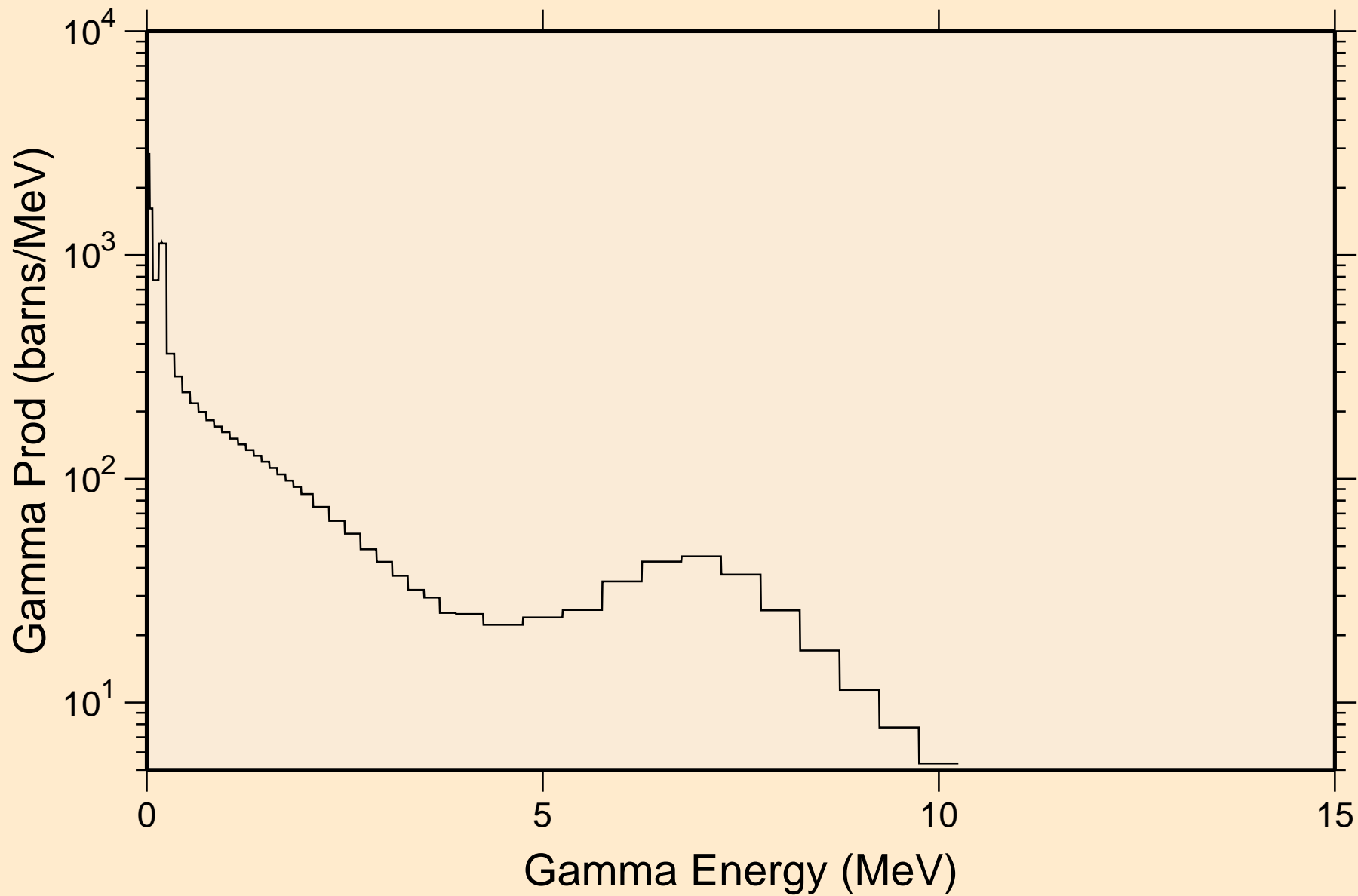
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Photon emission for (n,pt)



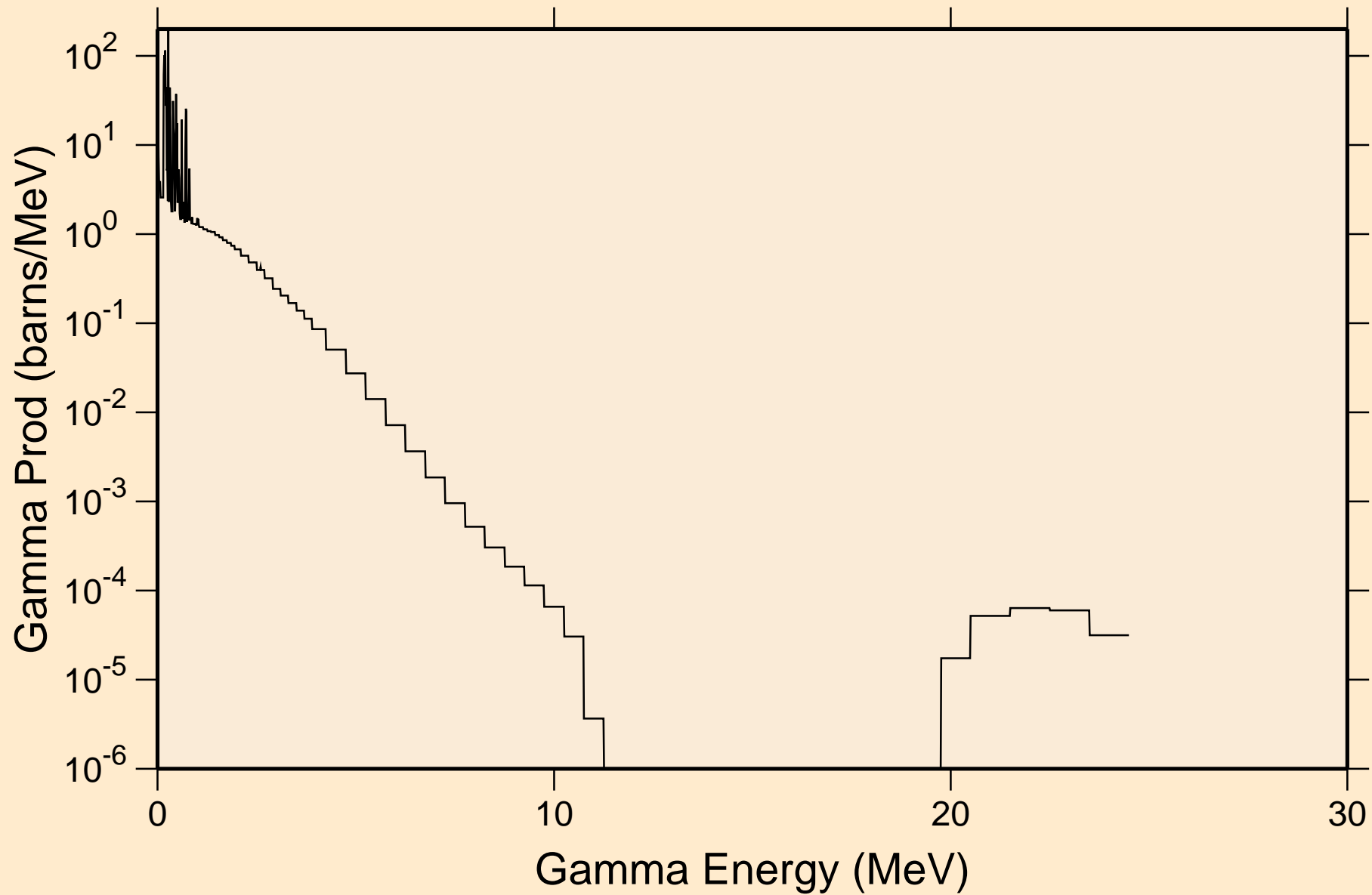
N-TB139 NRG TENDL-2017, AKONING
Photon emission for (n,da)



N-TB139 NRG TENDL-2017, AKONING
thermal capture photon spectrum

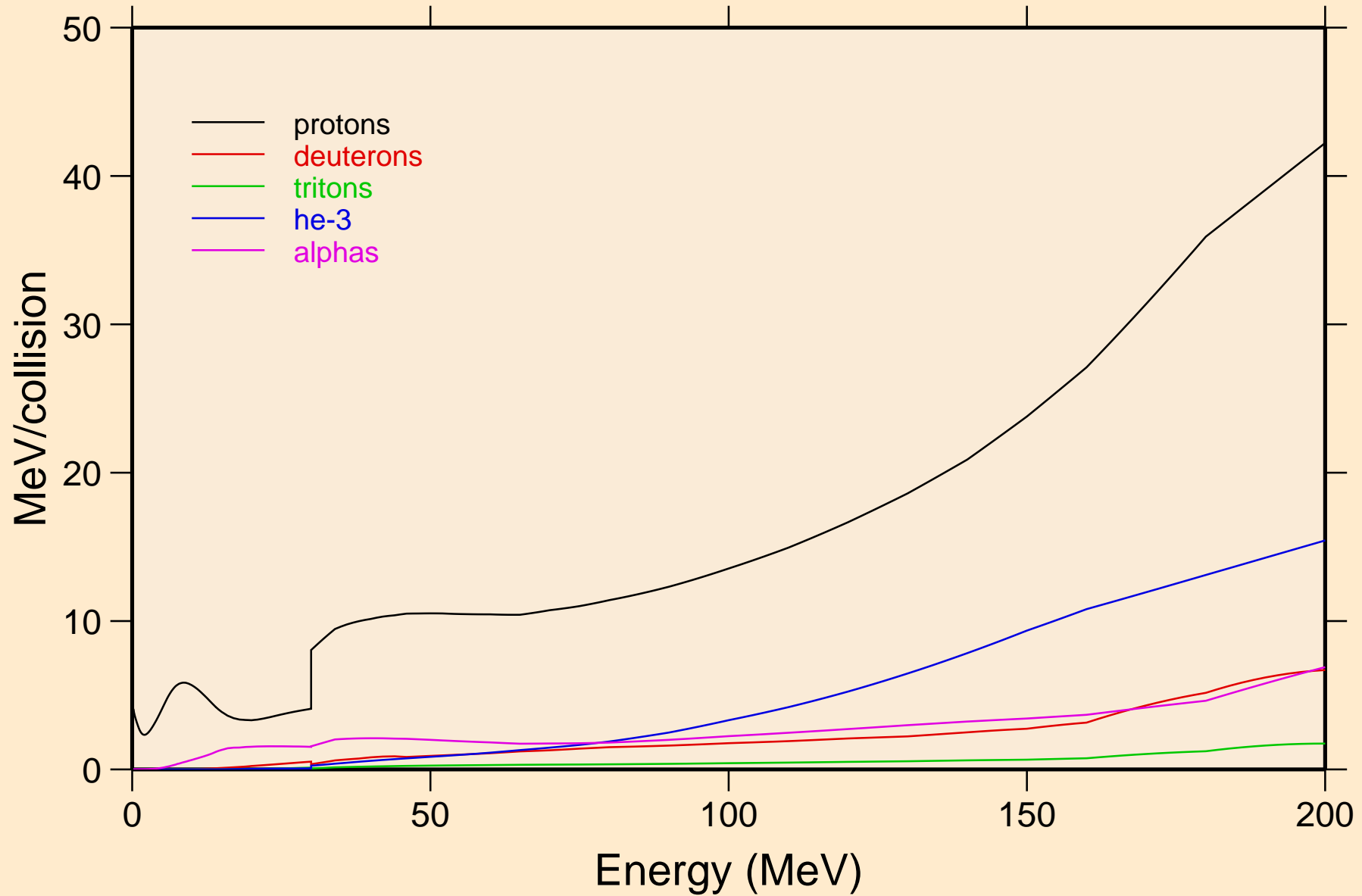


N-TB139 NRG TENDL-2017, AKONING
14 MeV photon spectrum



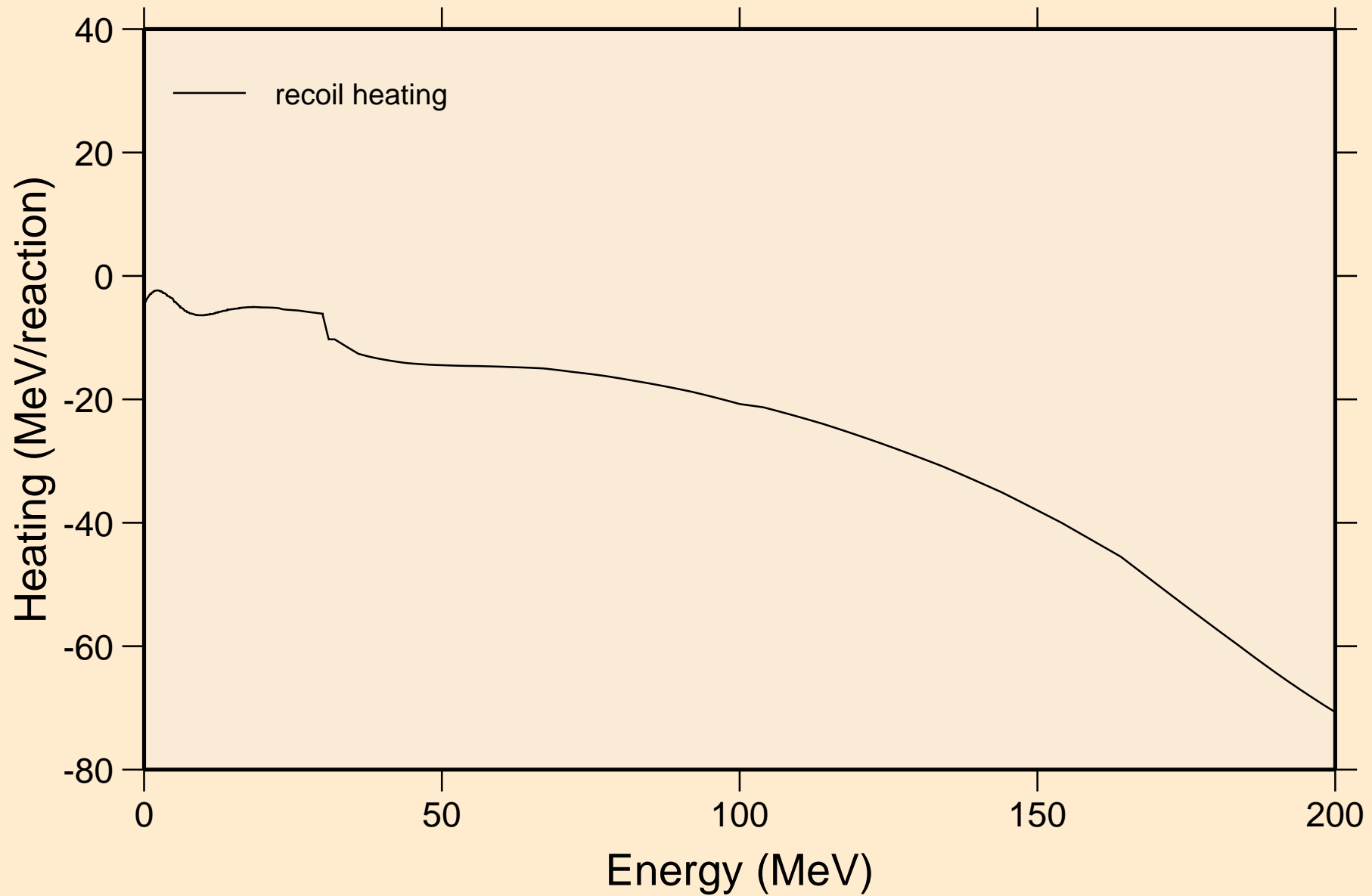
N-TB139 NRG TENDL-2017, AKONING

Particle heating contributions



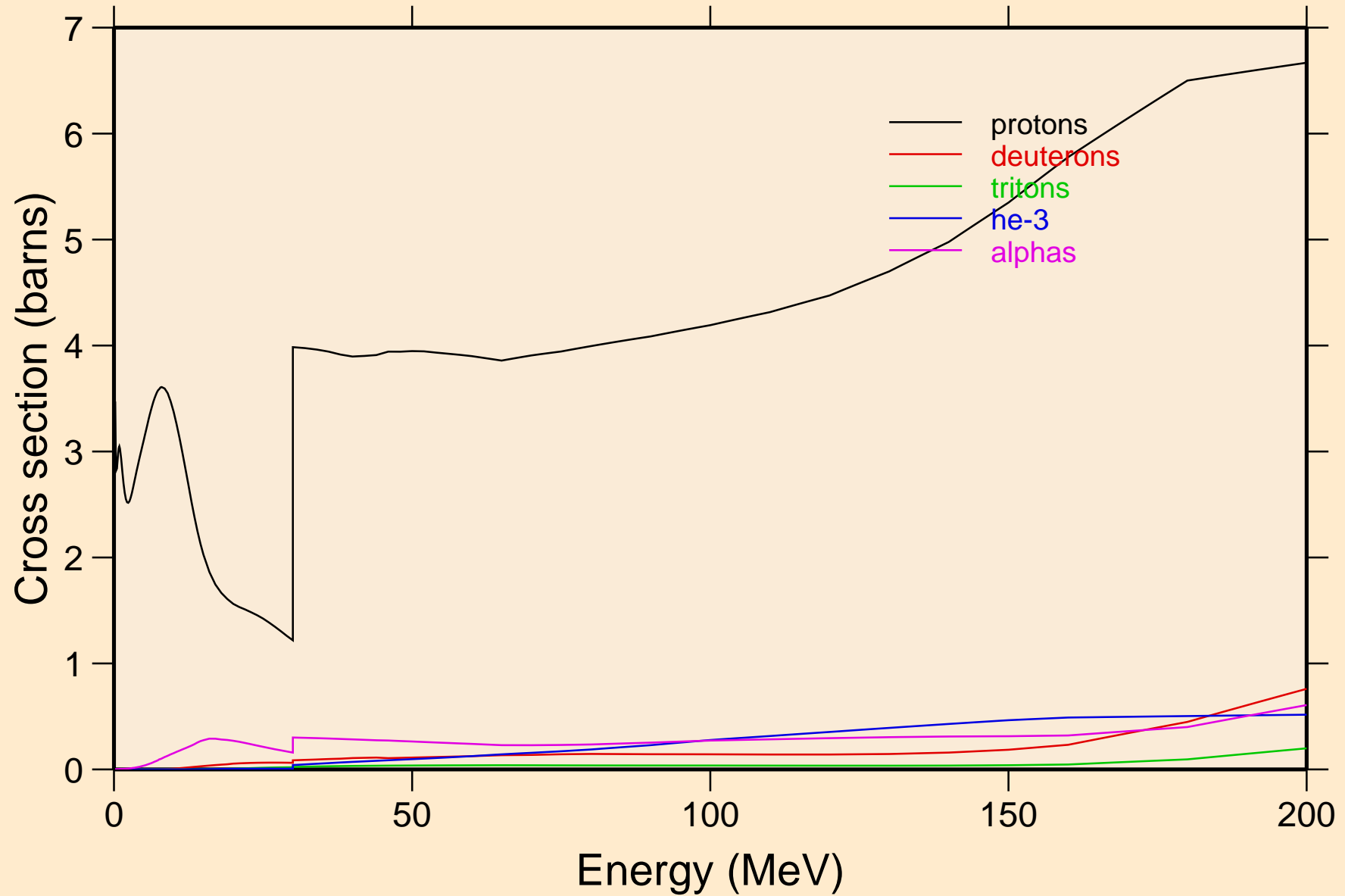
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Recoil Heating

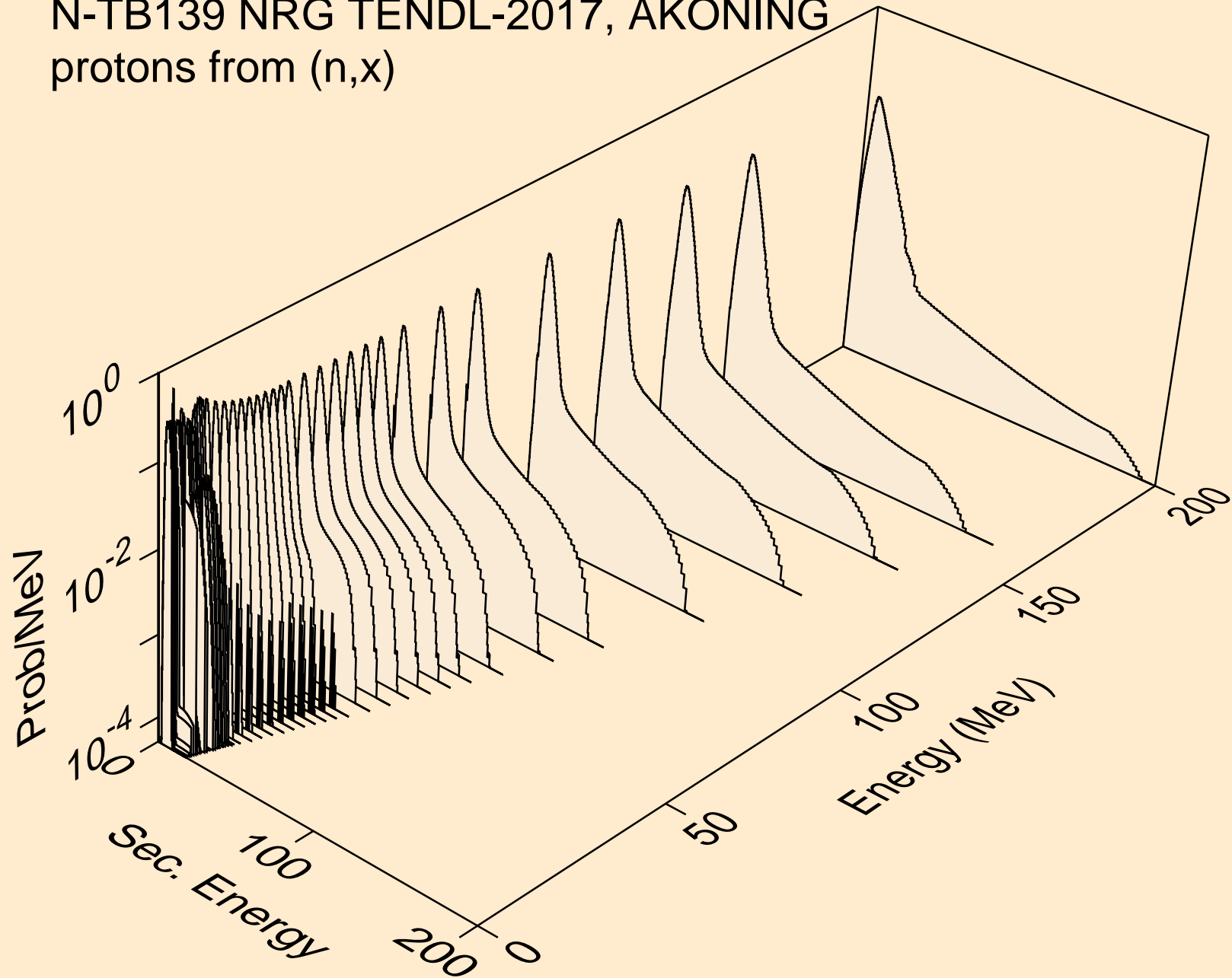


N-TB139 NRG TENDL-2017, AKONING

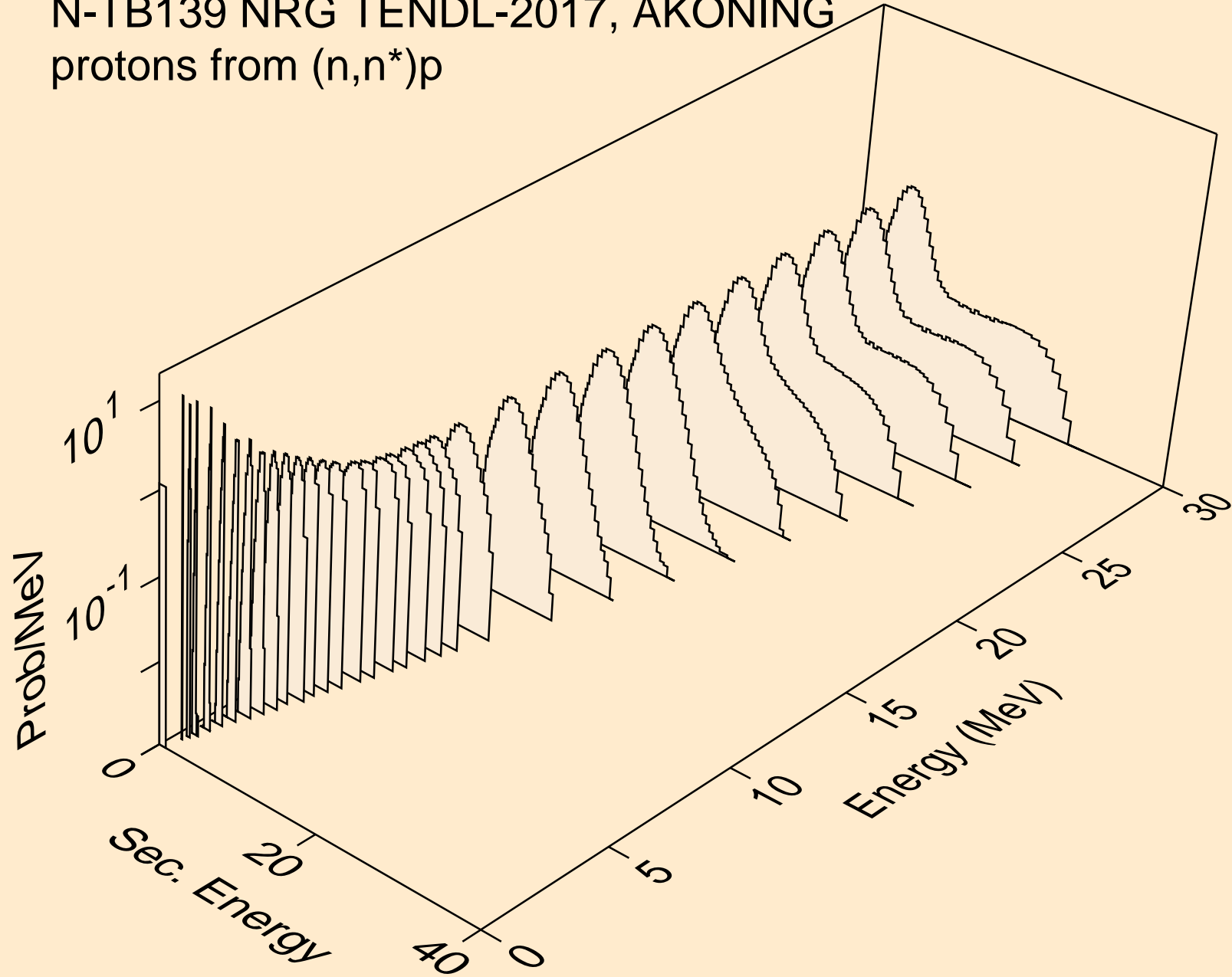
Particle production cross sections



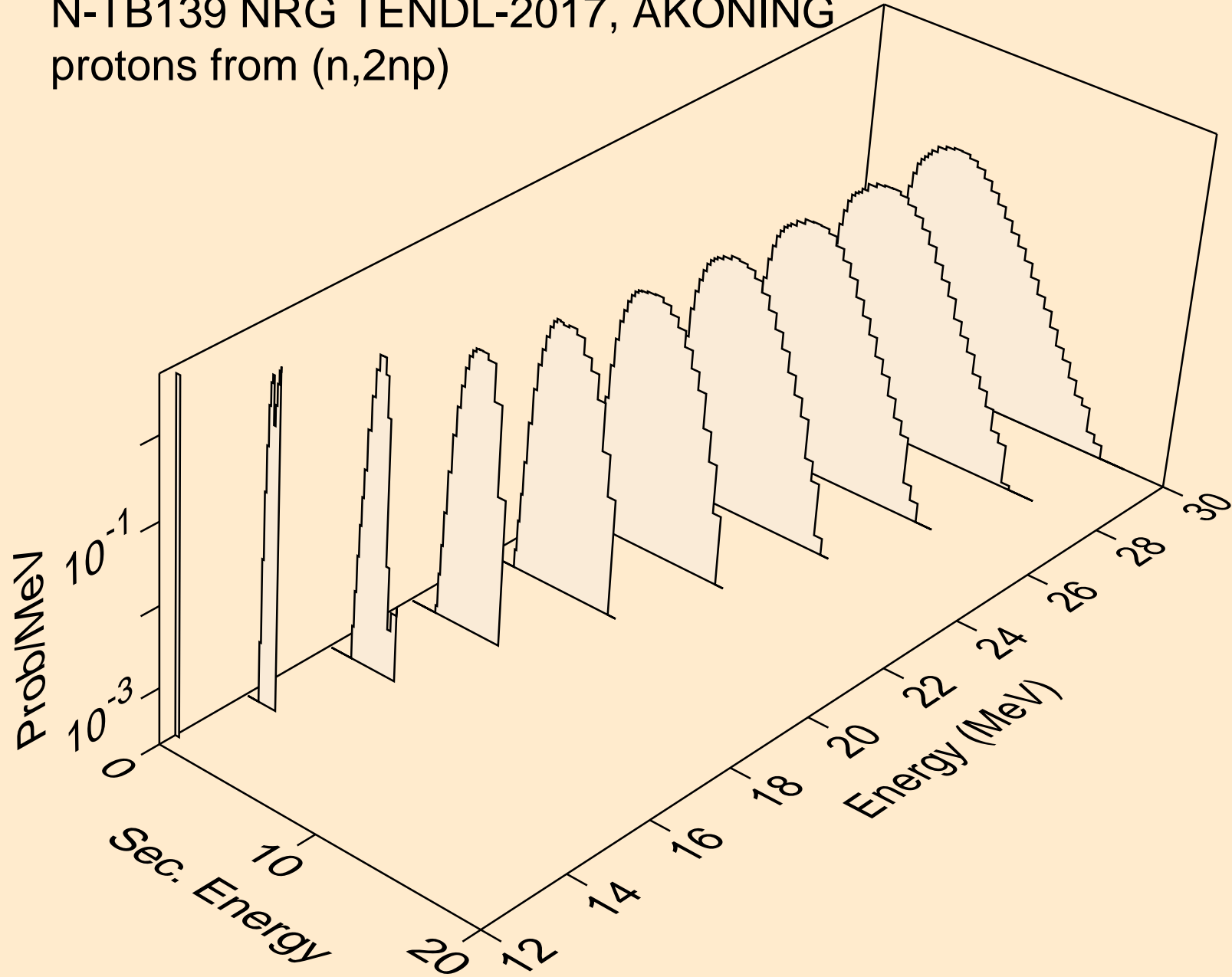
N-TB139 NRG TENDL-2017, AKONING
protons from (n,x)



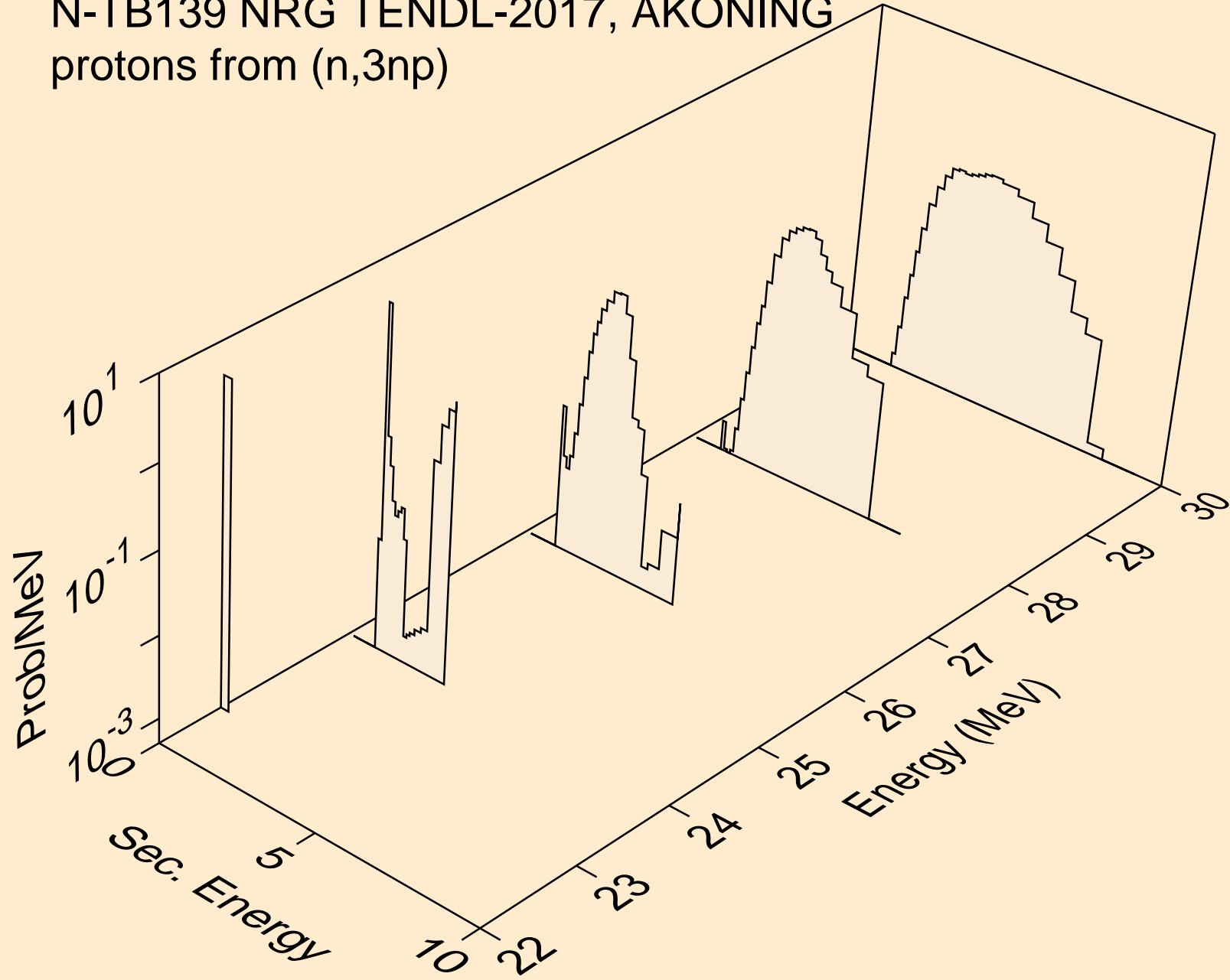
N-TB139 NRG TENDL-2017, AKONING
protons from (n,n*)p



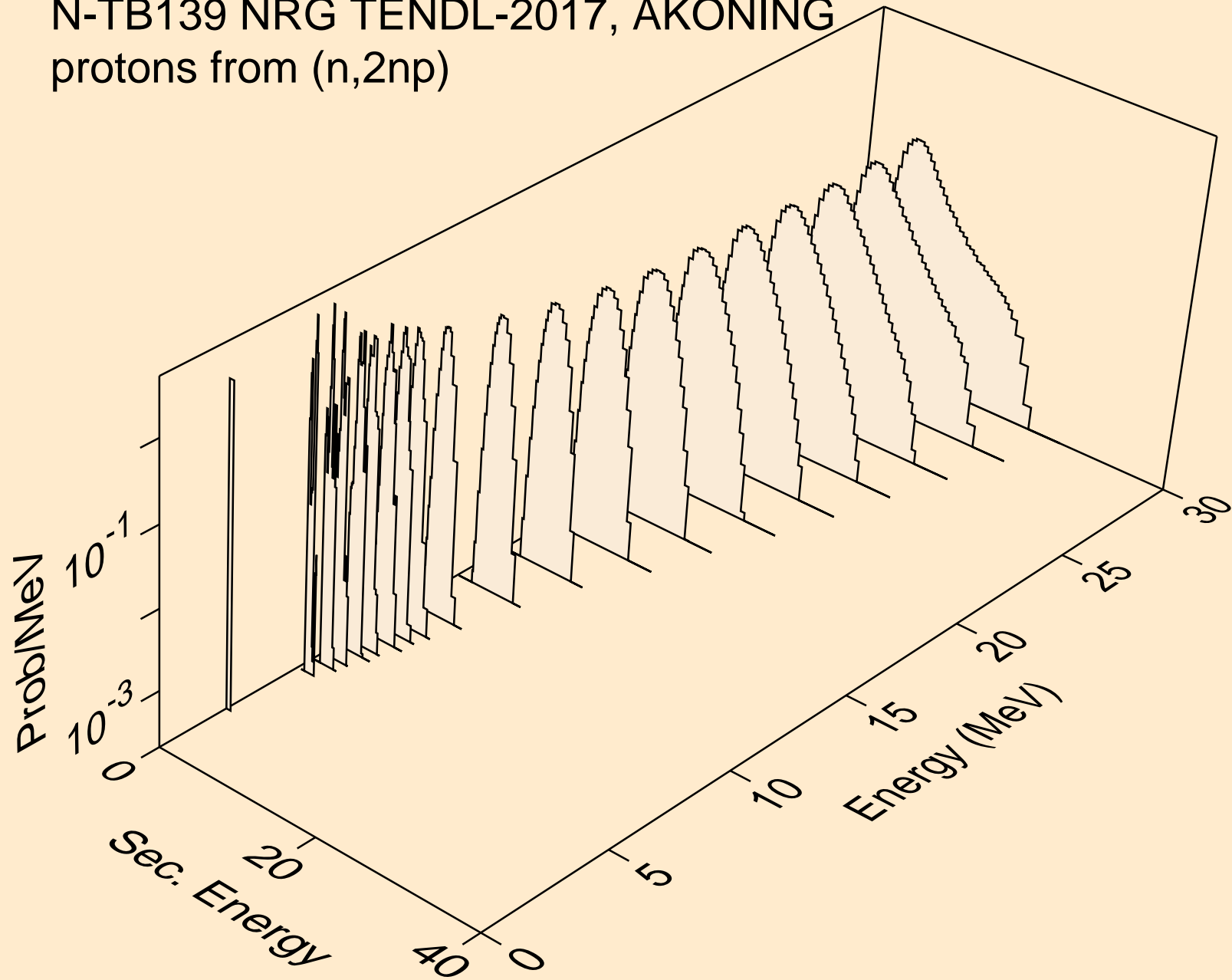
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protons from (n,2np)



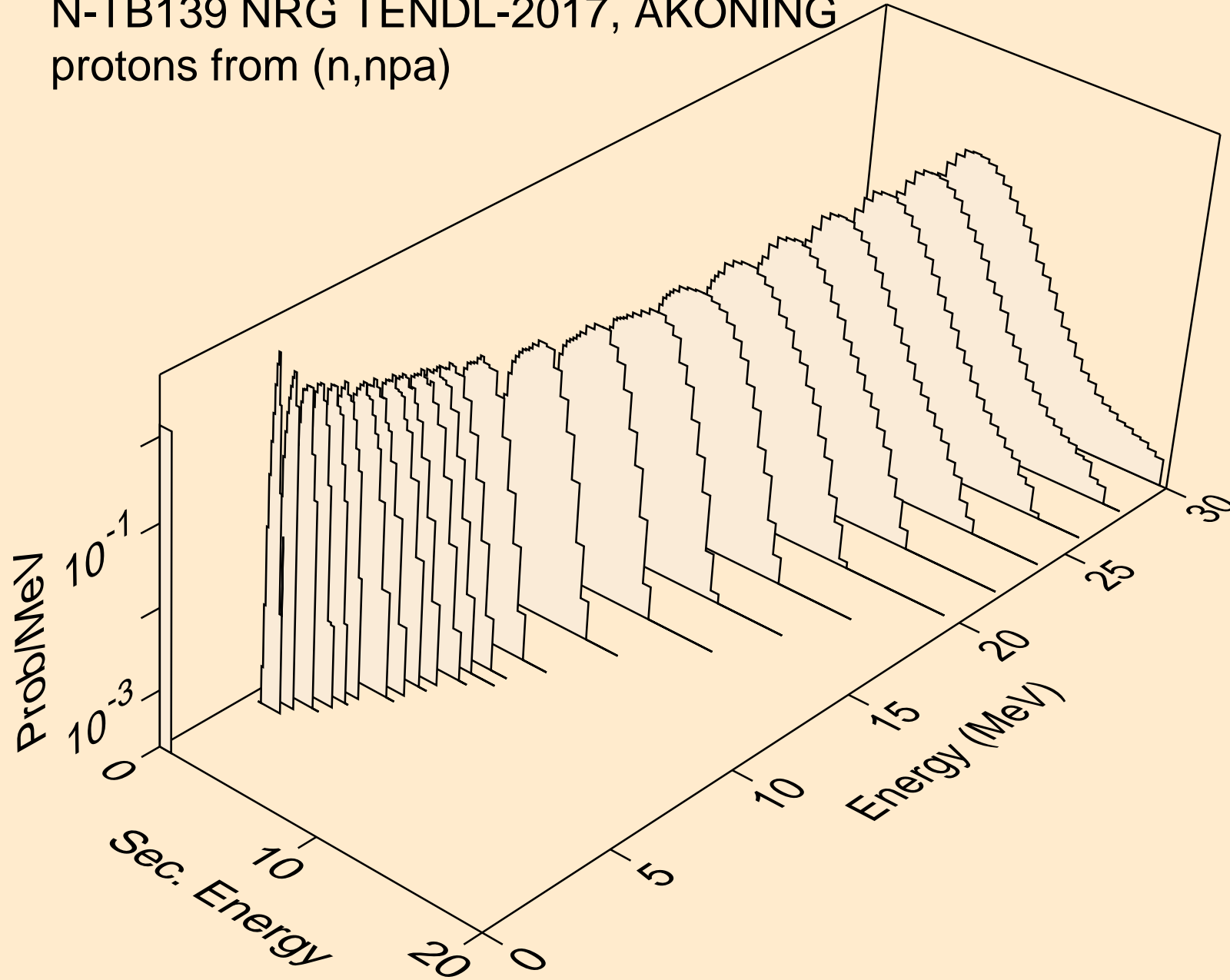
N-TB139 NRG TENDL-2017, AKONING
protons from (n,3np)



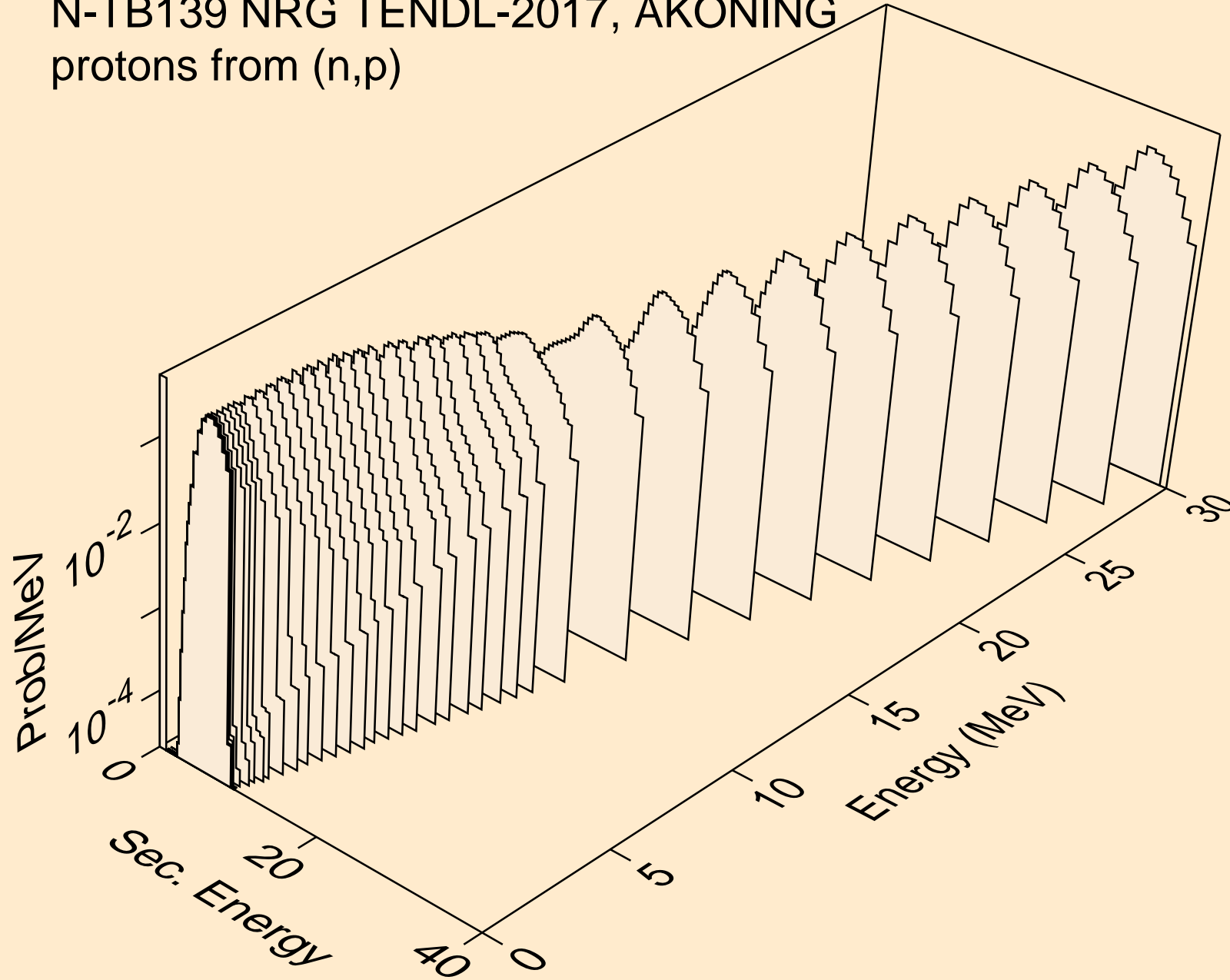
N-TB139 NRG TENDL-2017, AKONING
protons from (n,2np)



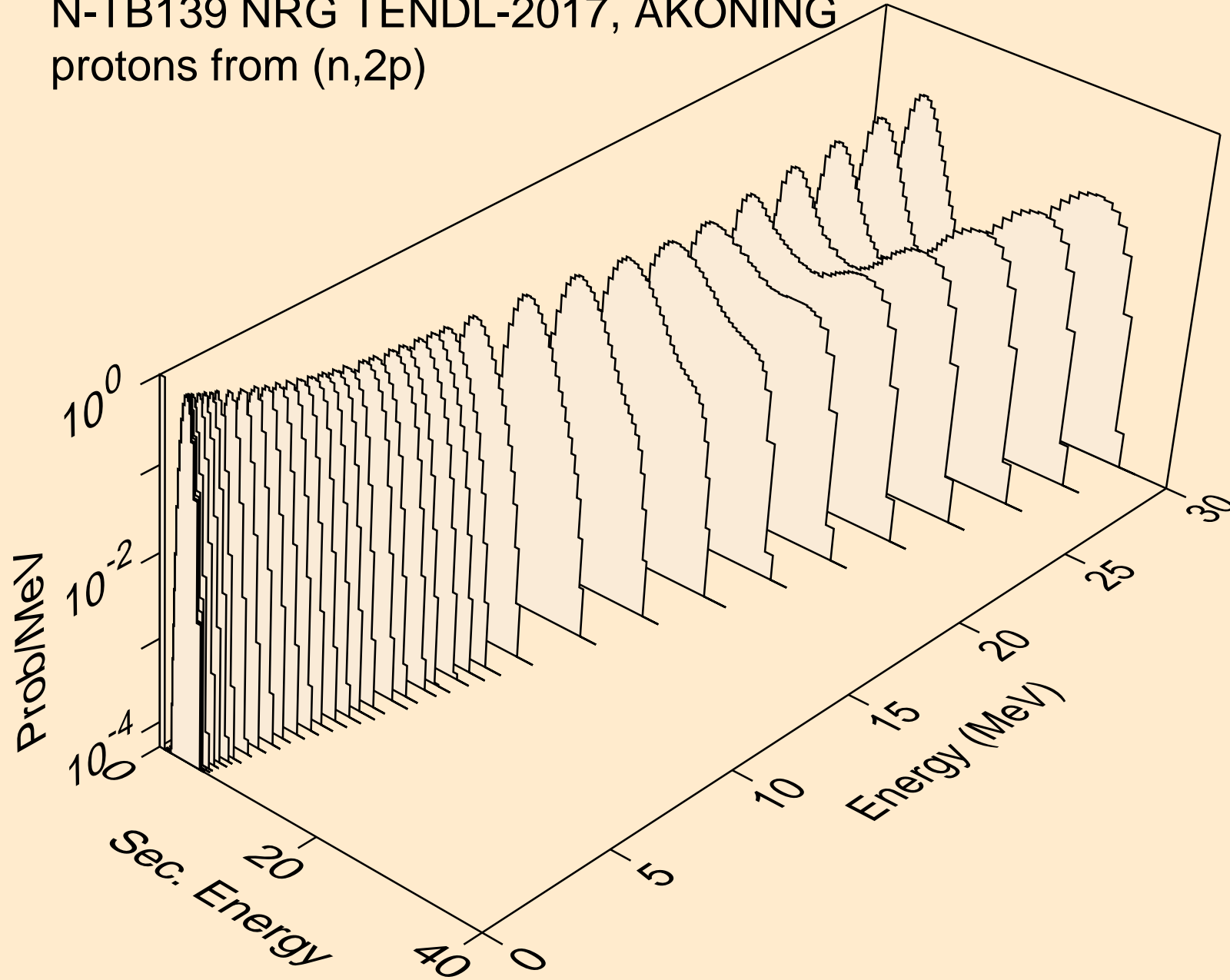
N-TB139 NRG TENDL-2017, AKONING
protons from (n,npa)



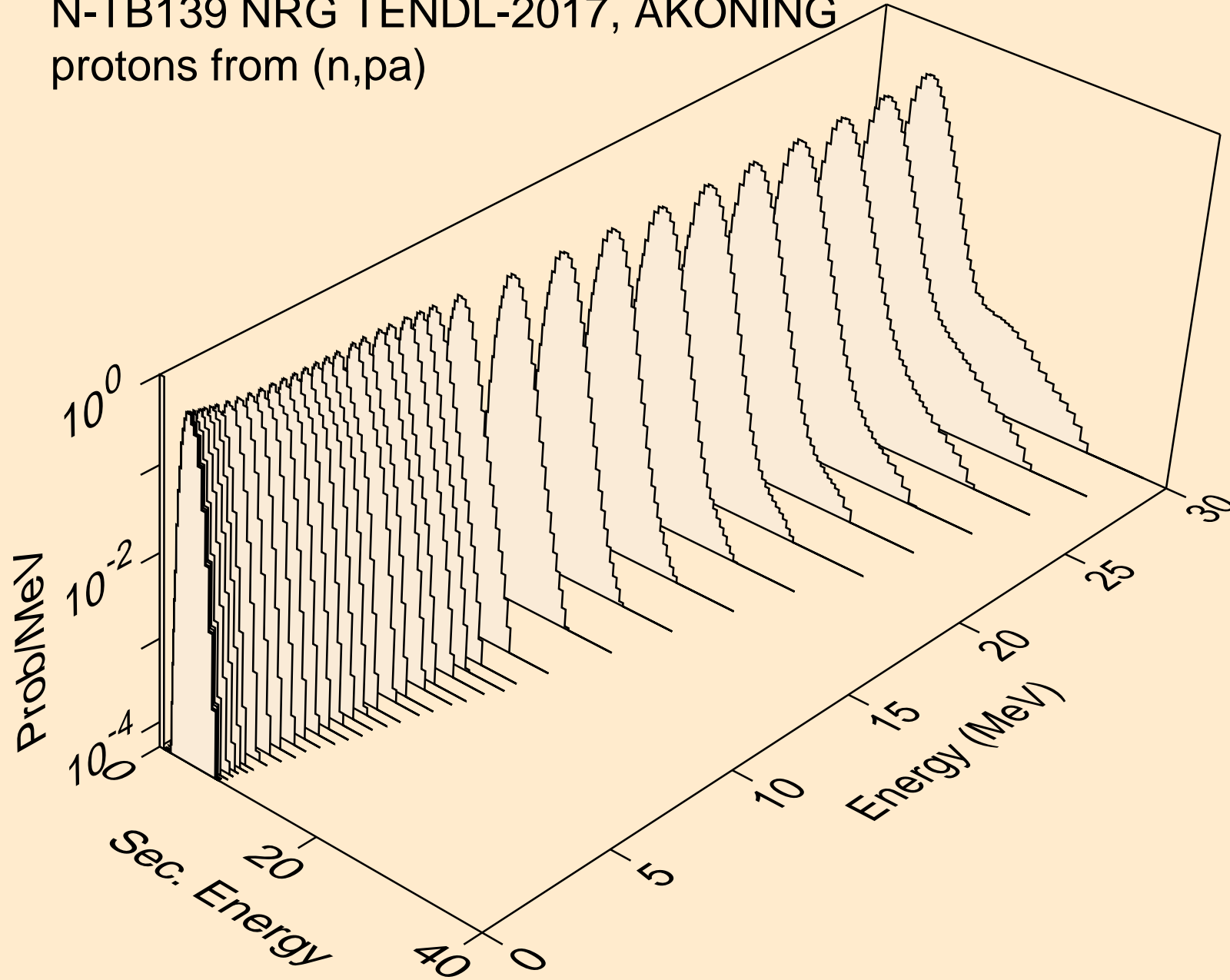
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protons from (n,p)



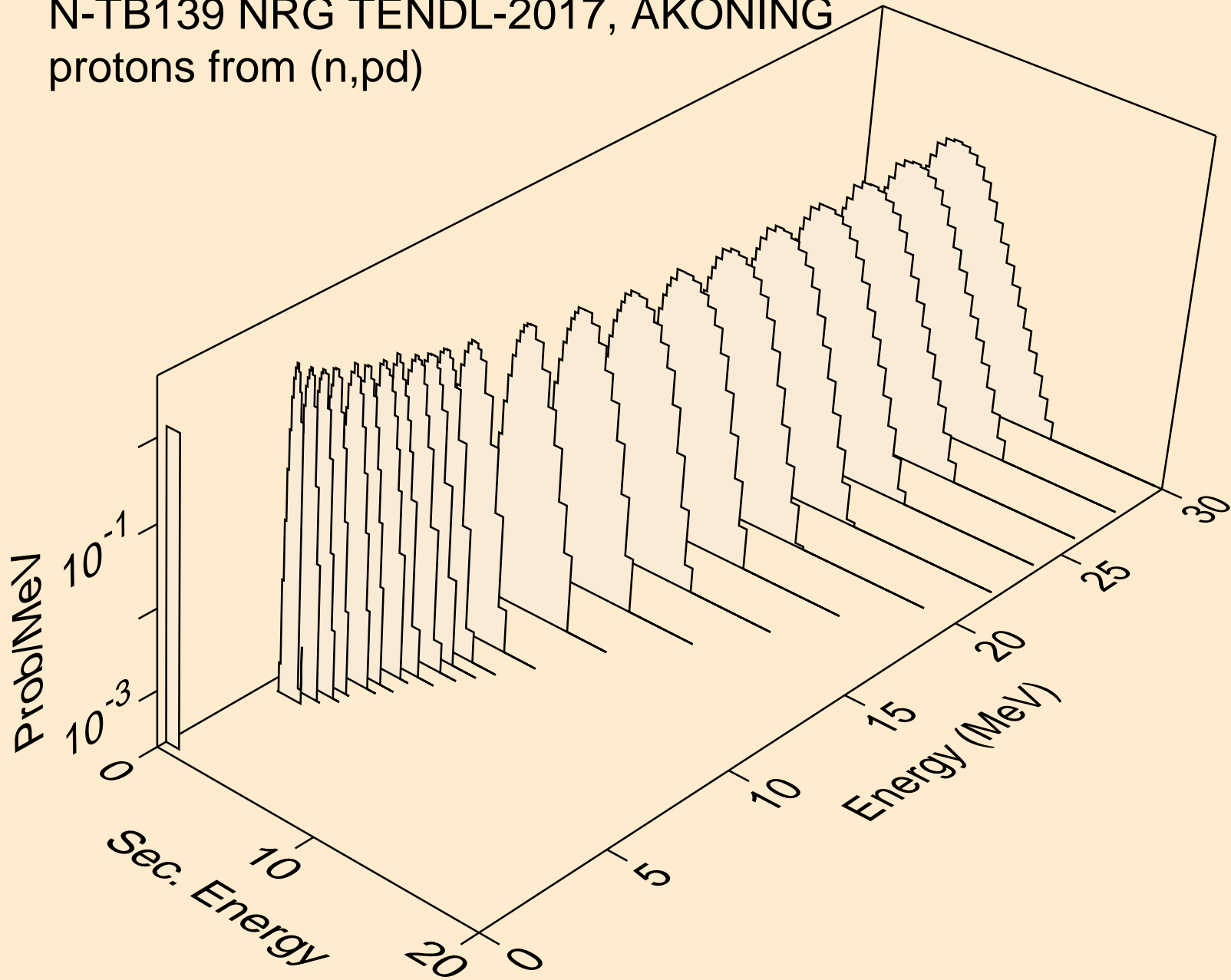
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protons from (n,2p)



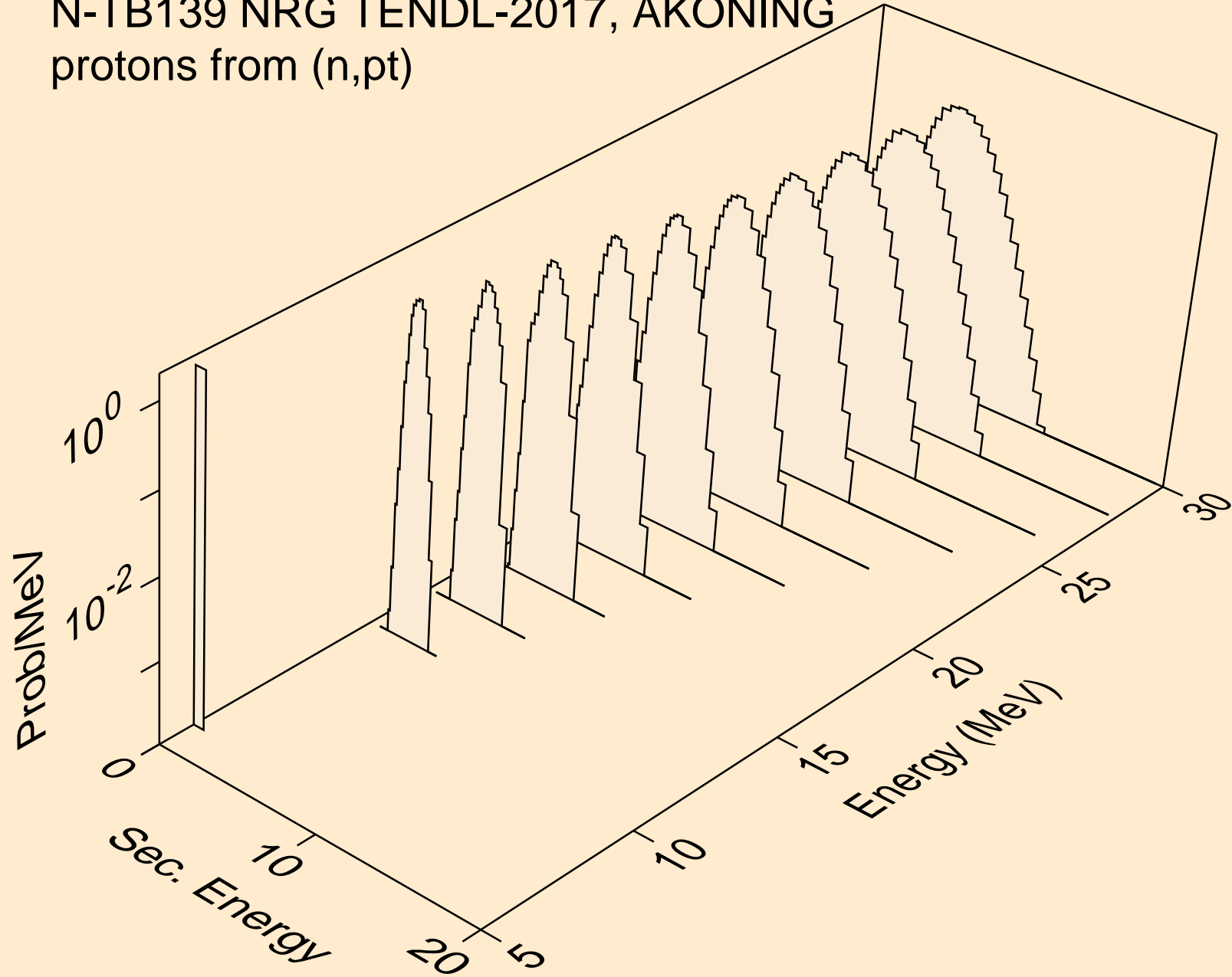
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protons from (n,pa)



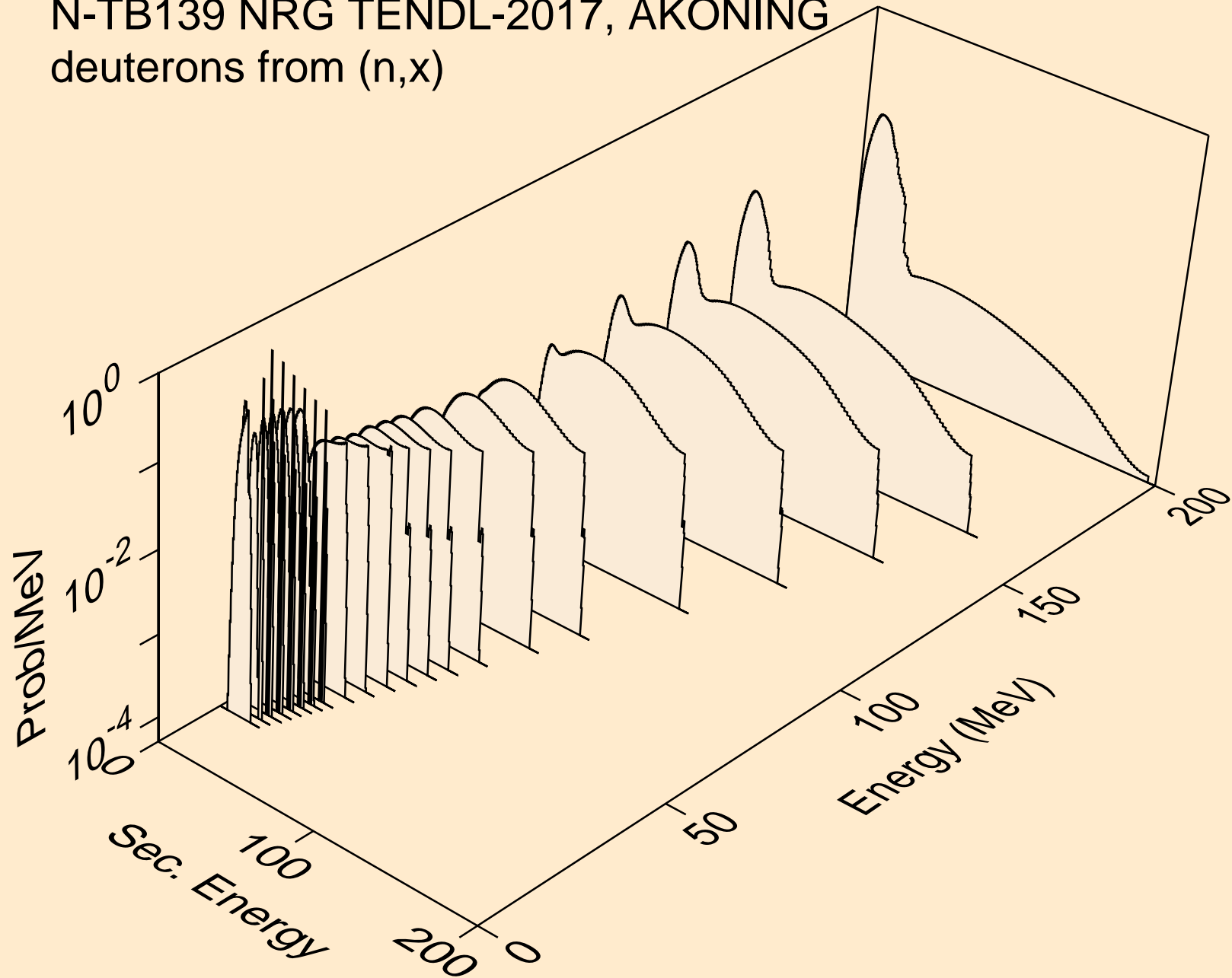
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protons from (n,pd)



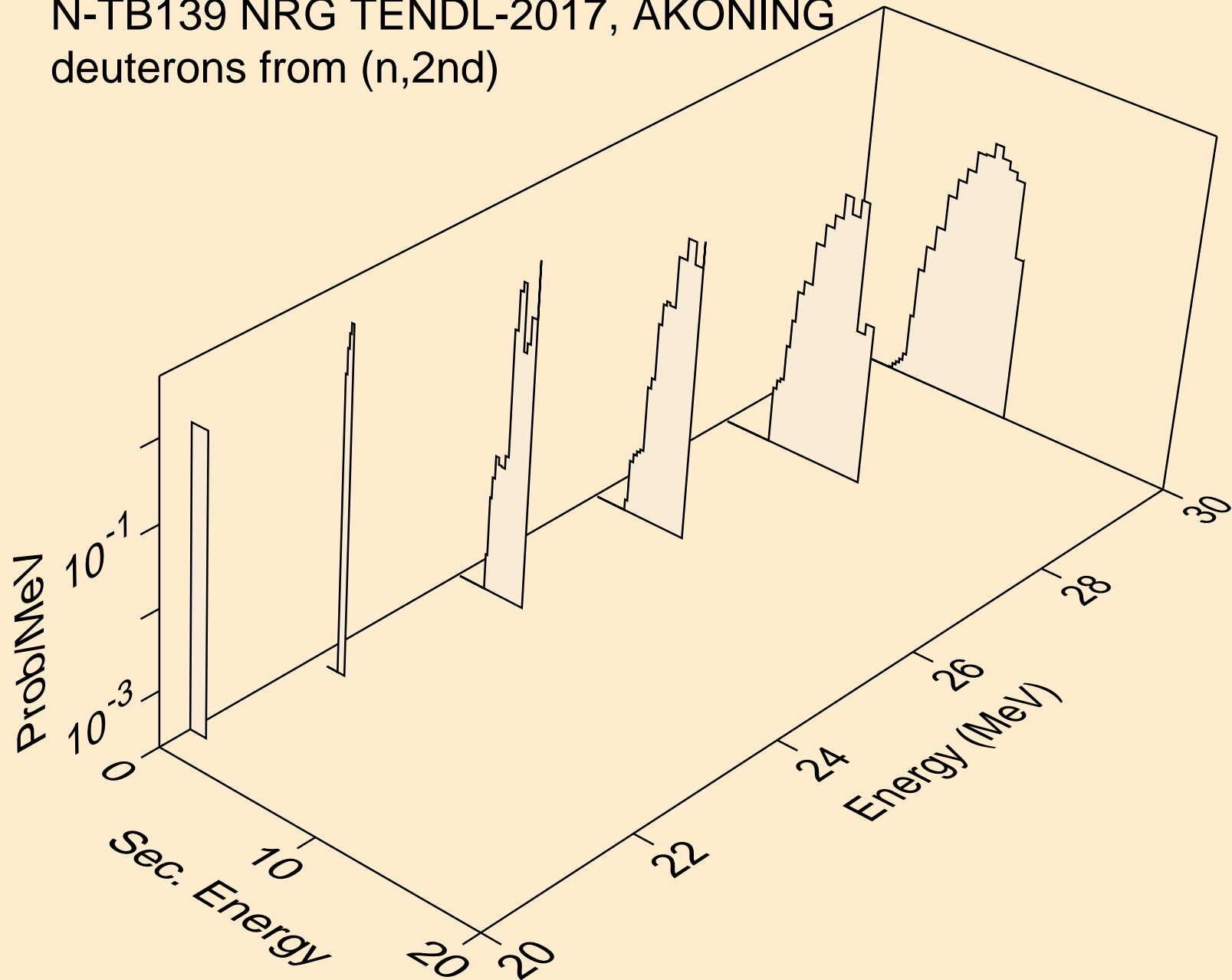
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protons from (n,pt)



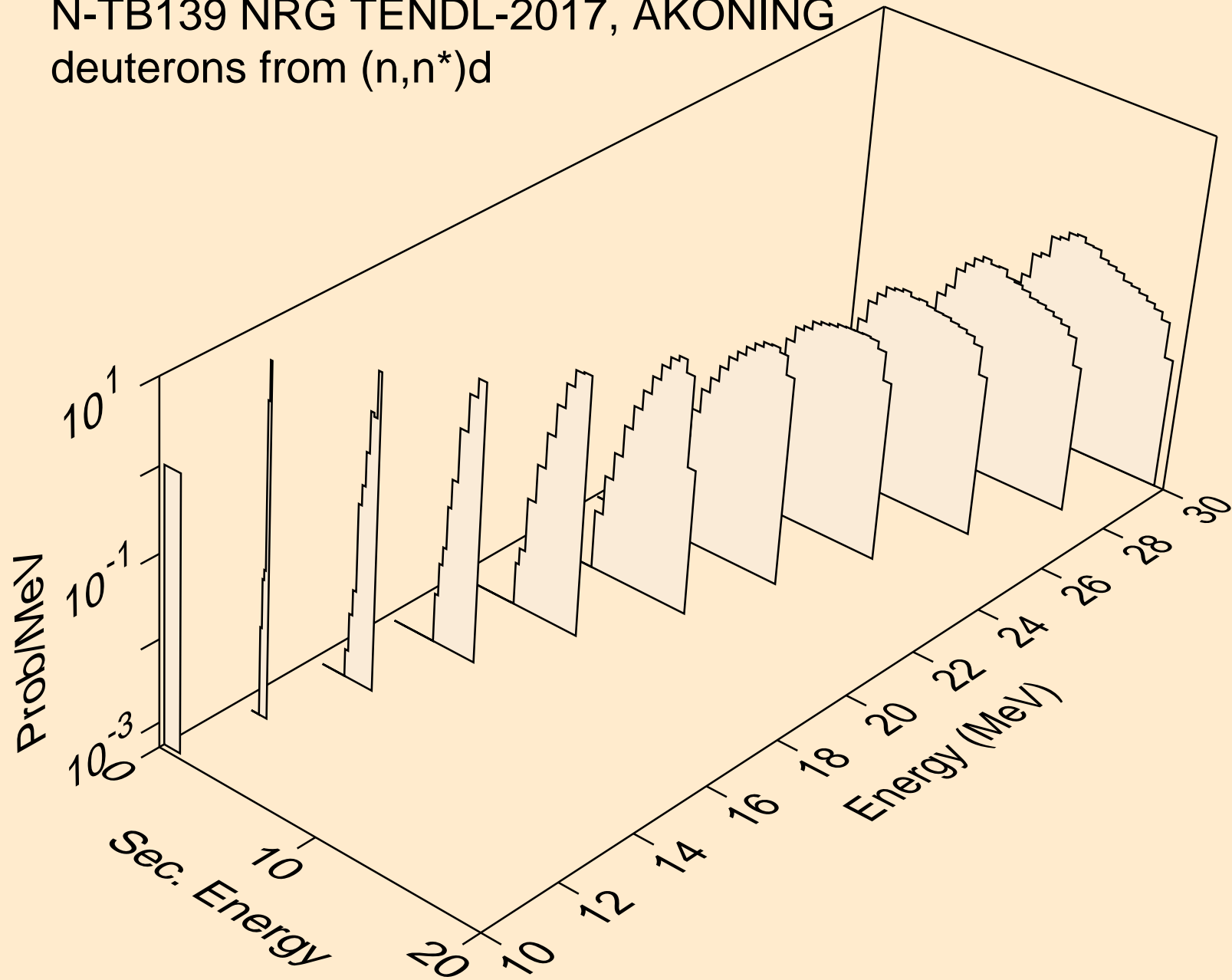
N-TB139 NRG TENDL-2017, AKONING
deuterons from (n,x)



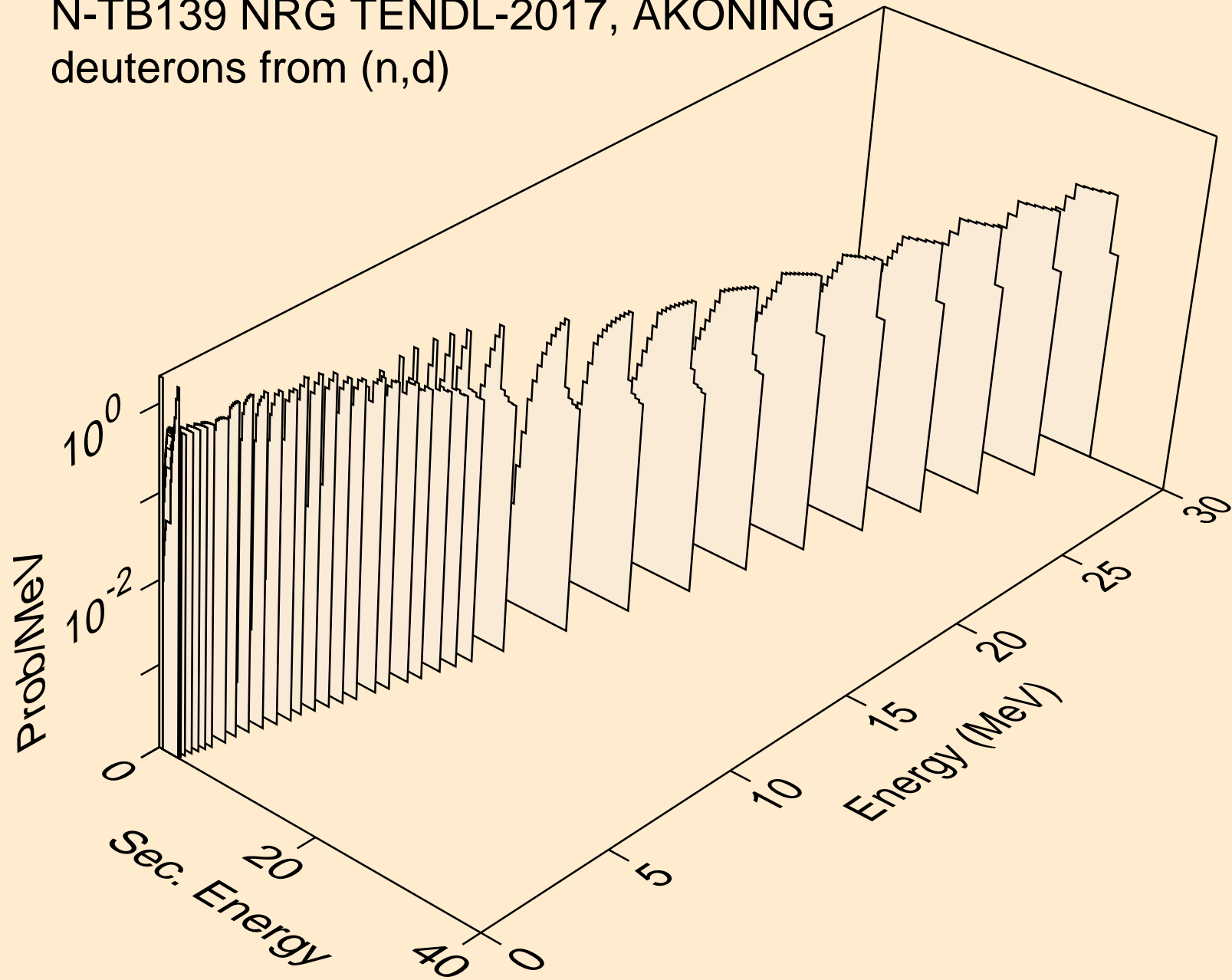
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deuterons from (n,2nd)



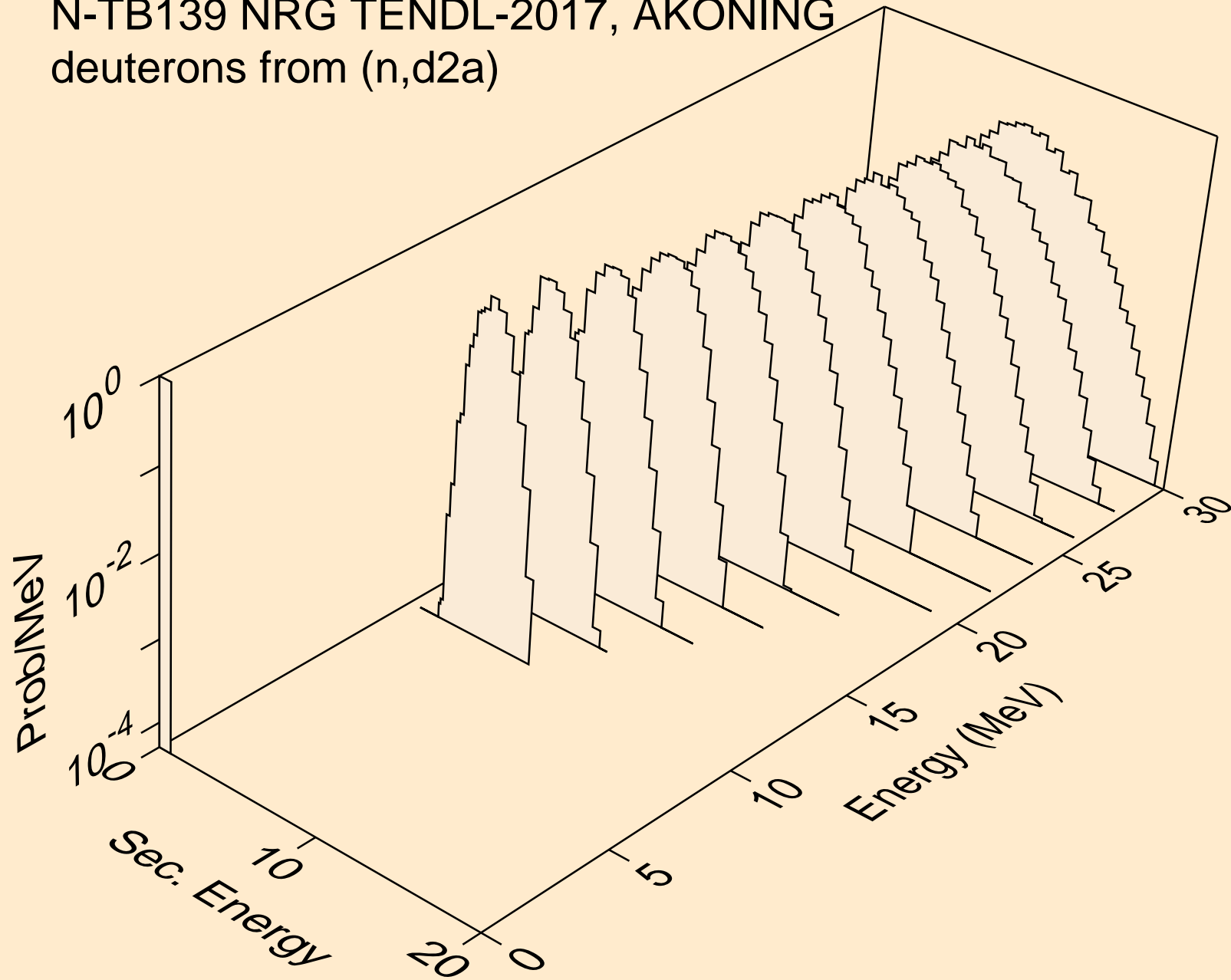
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deuterons from (n,n*)d



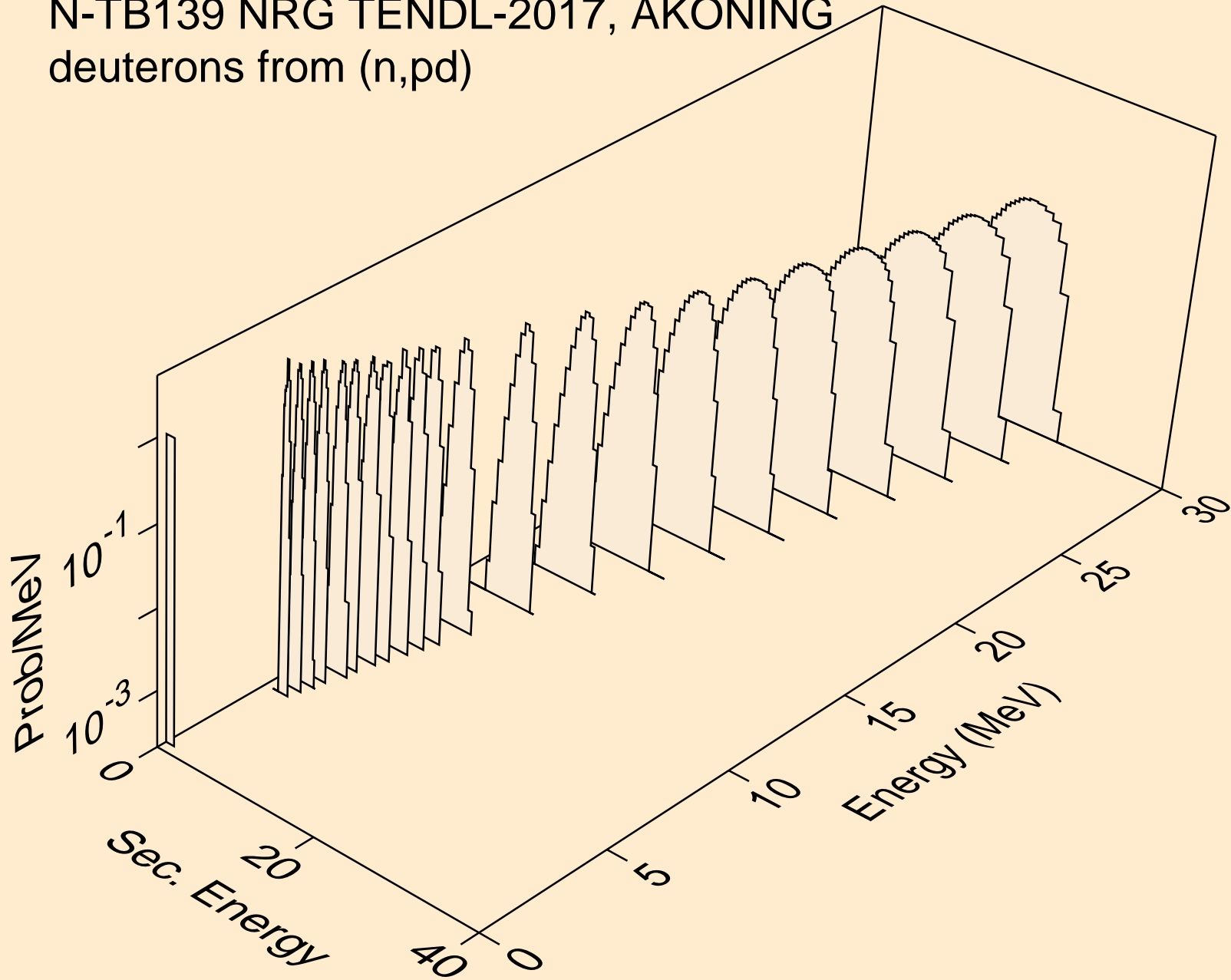
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deuterons from (n,d)



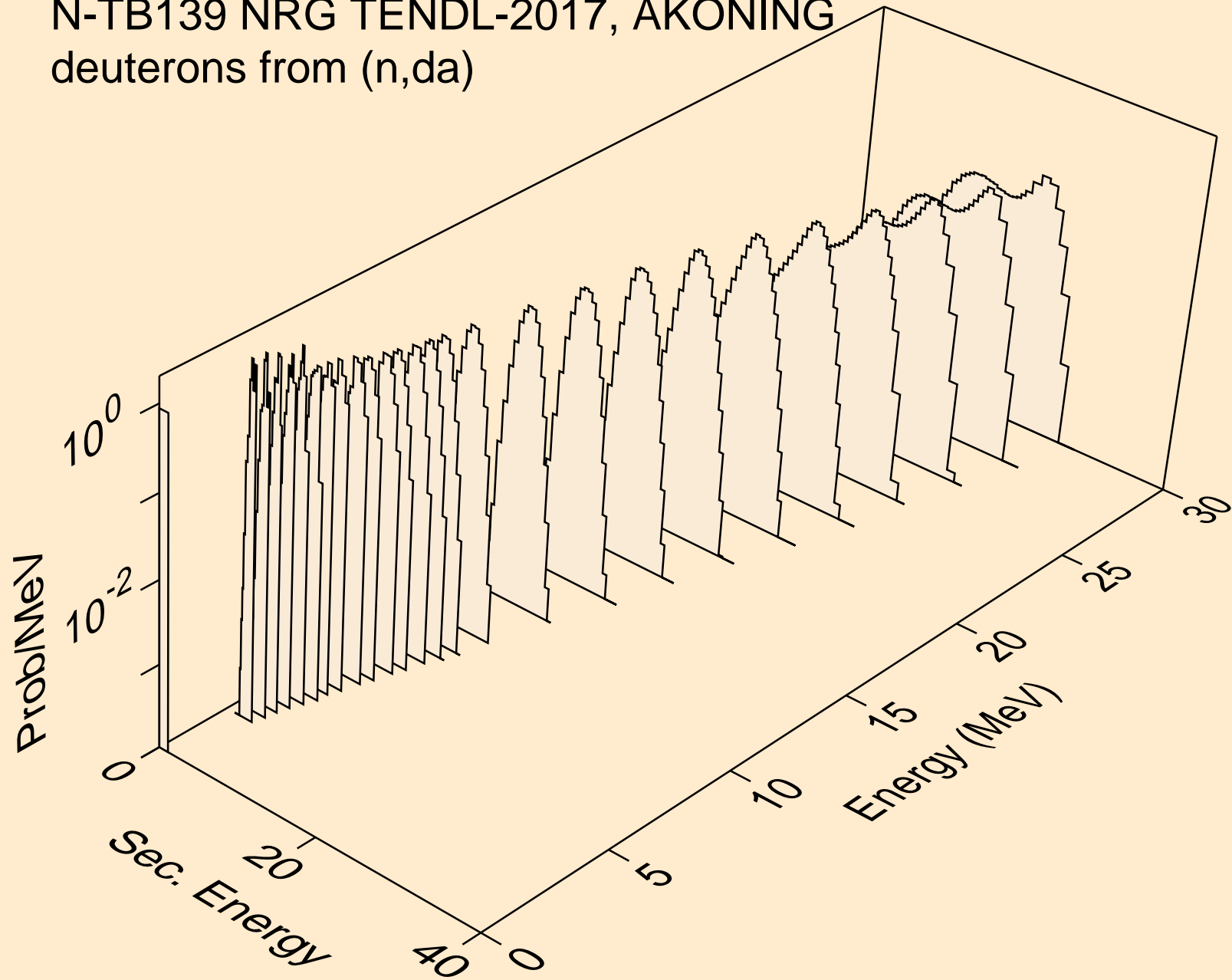
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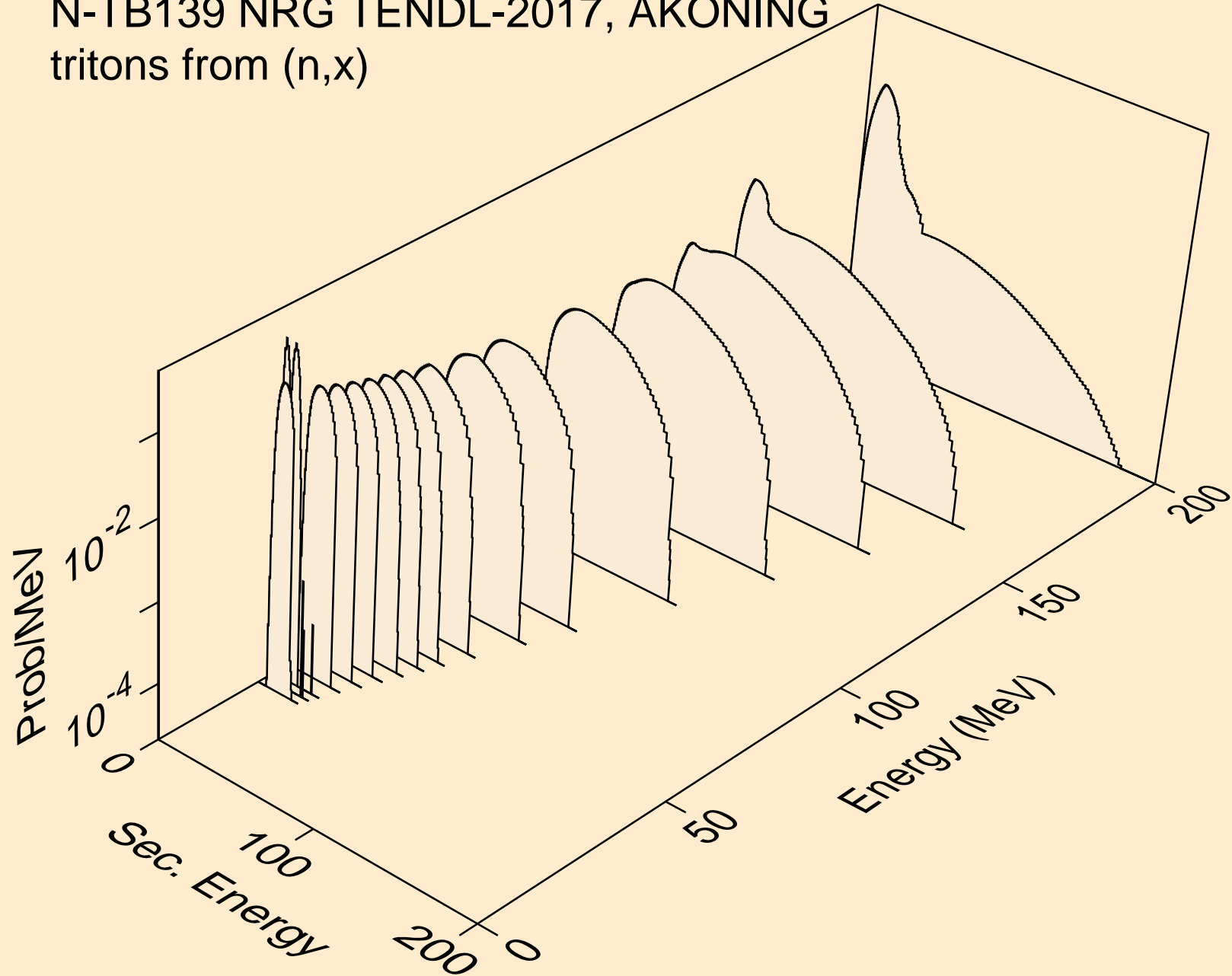
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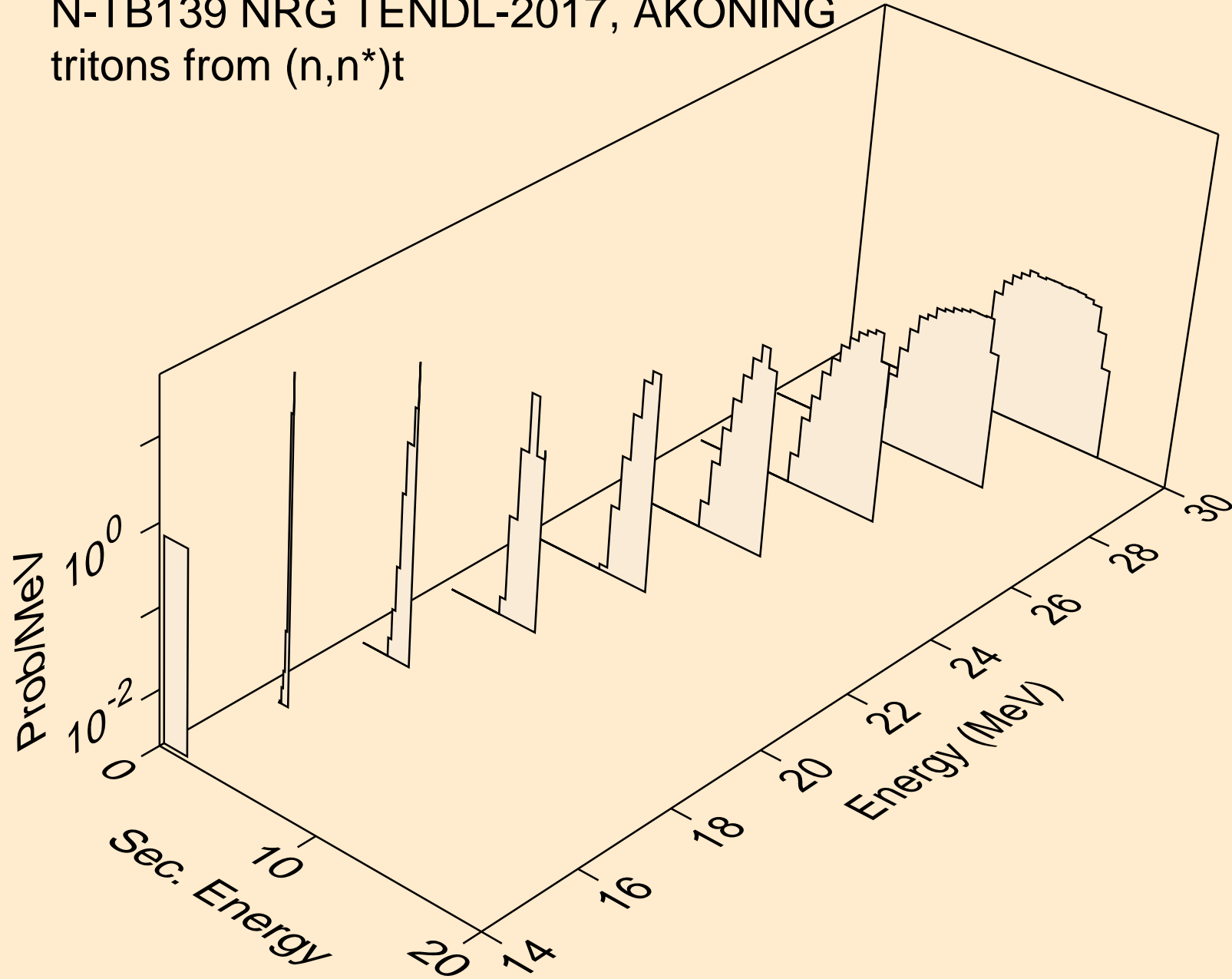
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deuterons from (n,da)



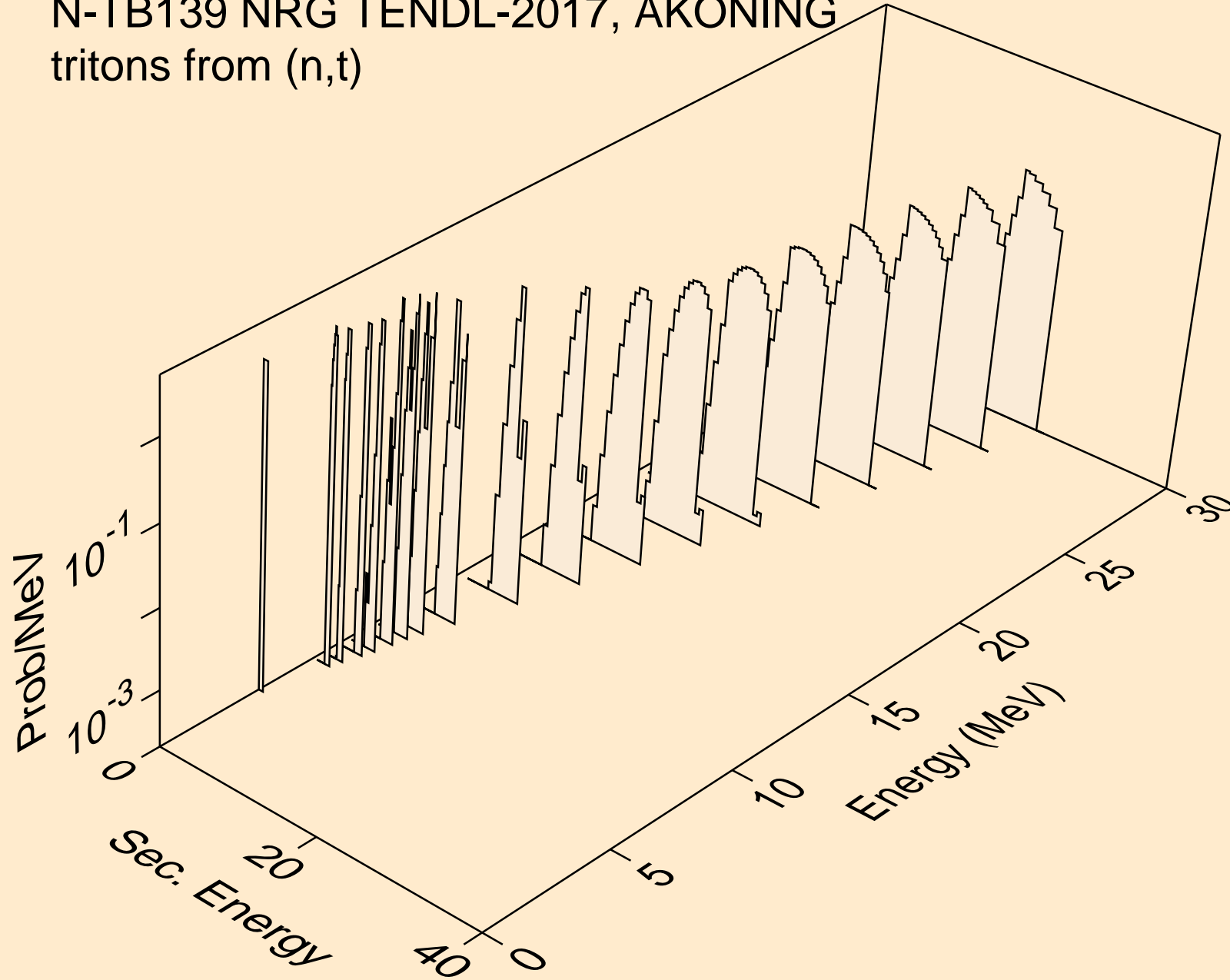
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tritons from (n,x)



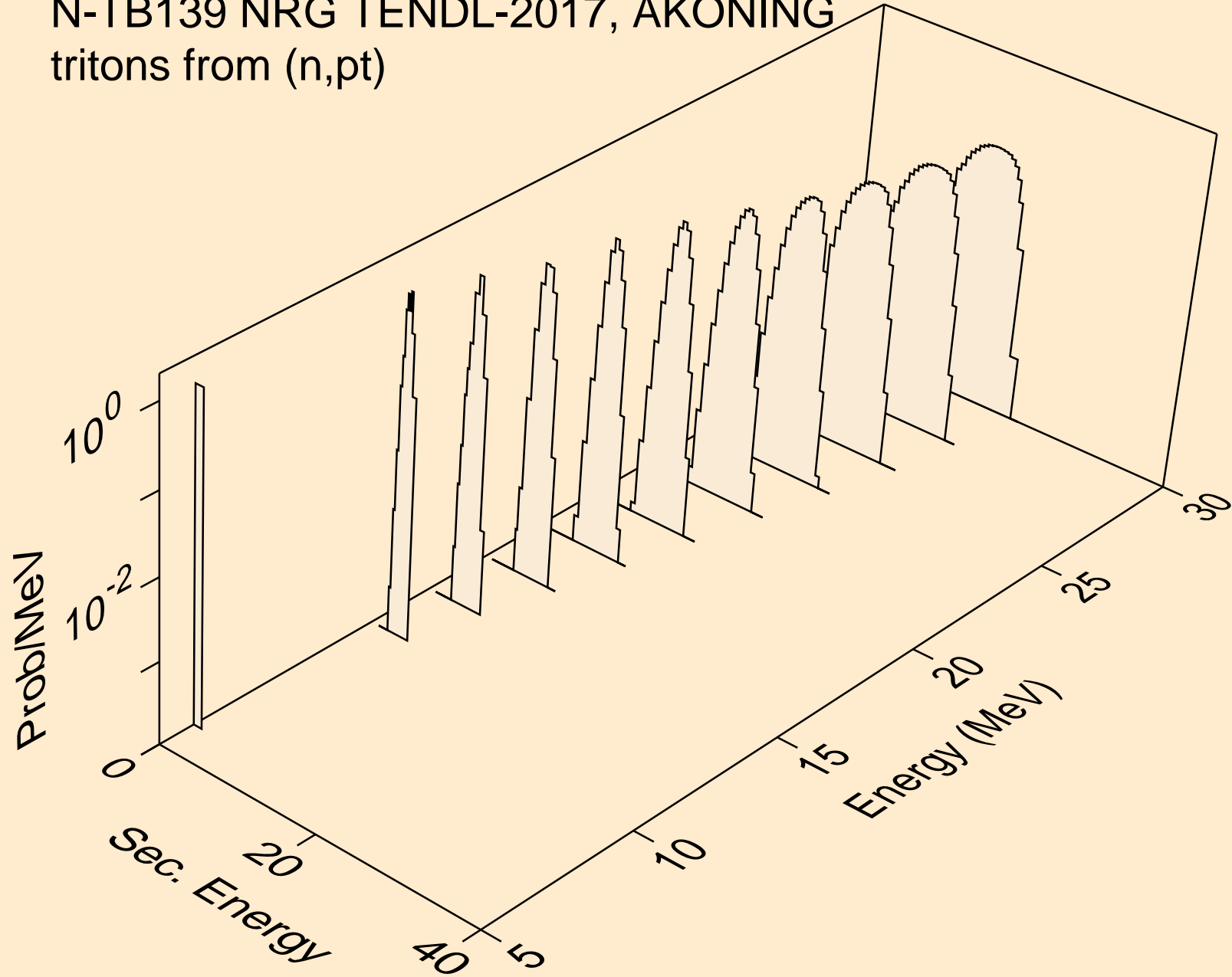
N-TB139 NRG TENDL-2017, AKONING
tritons from (n,n*)t



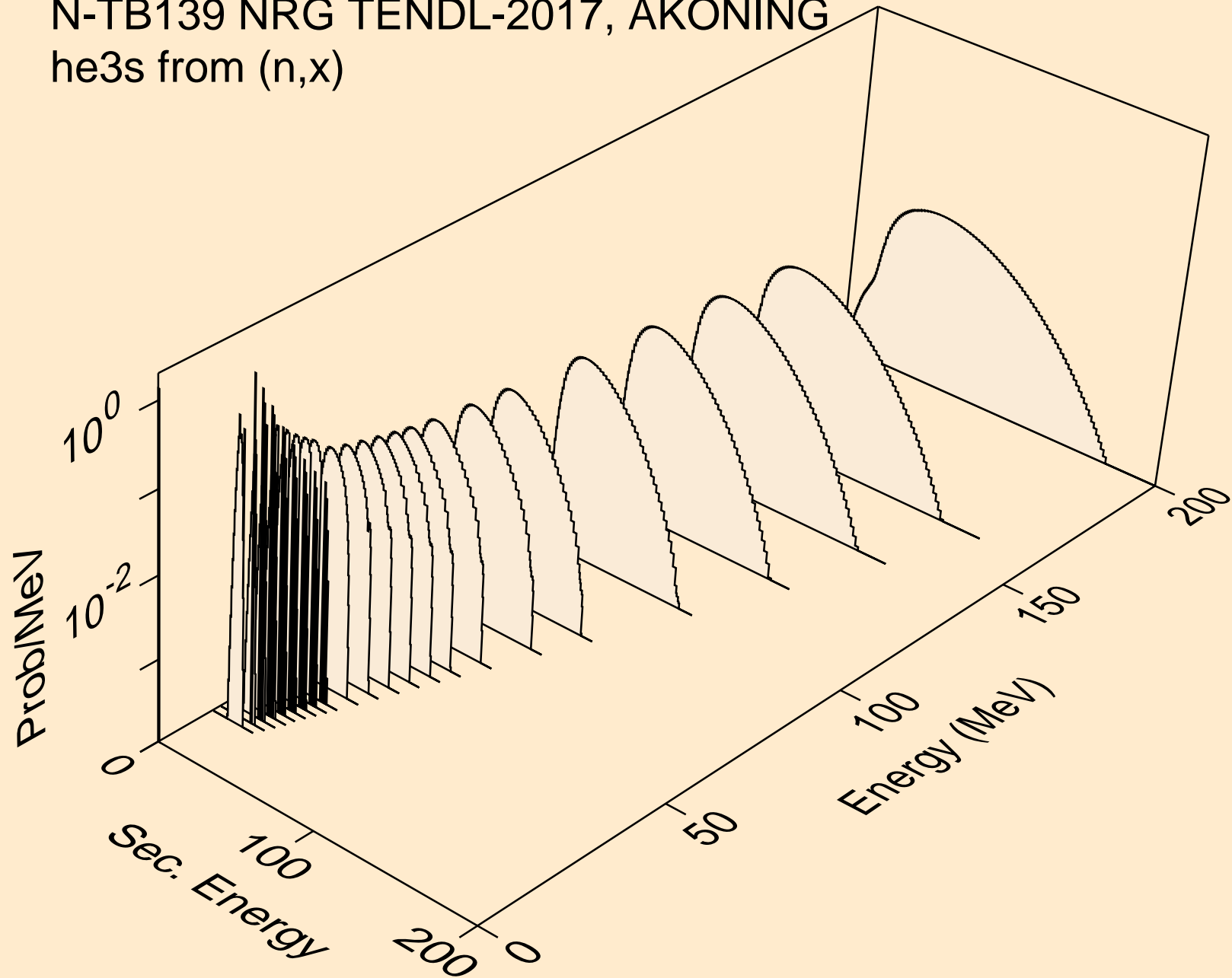
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tritons from (n,t)



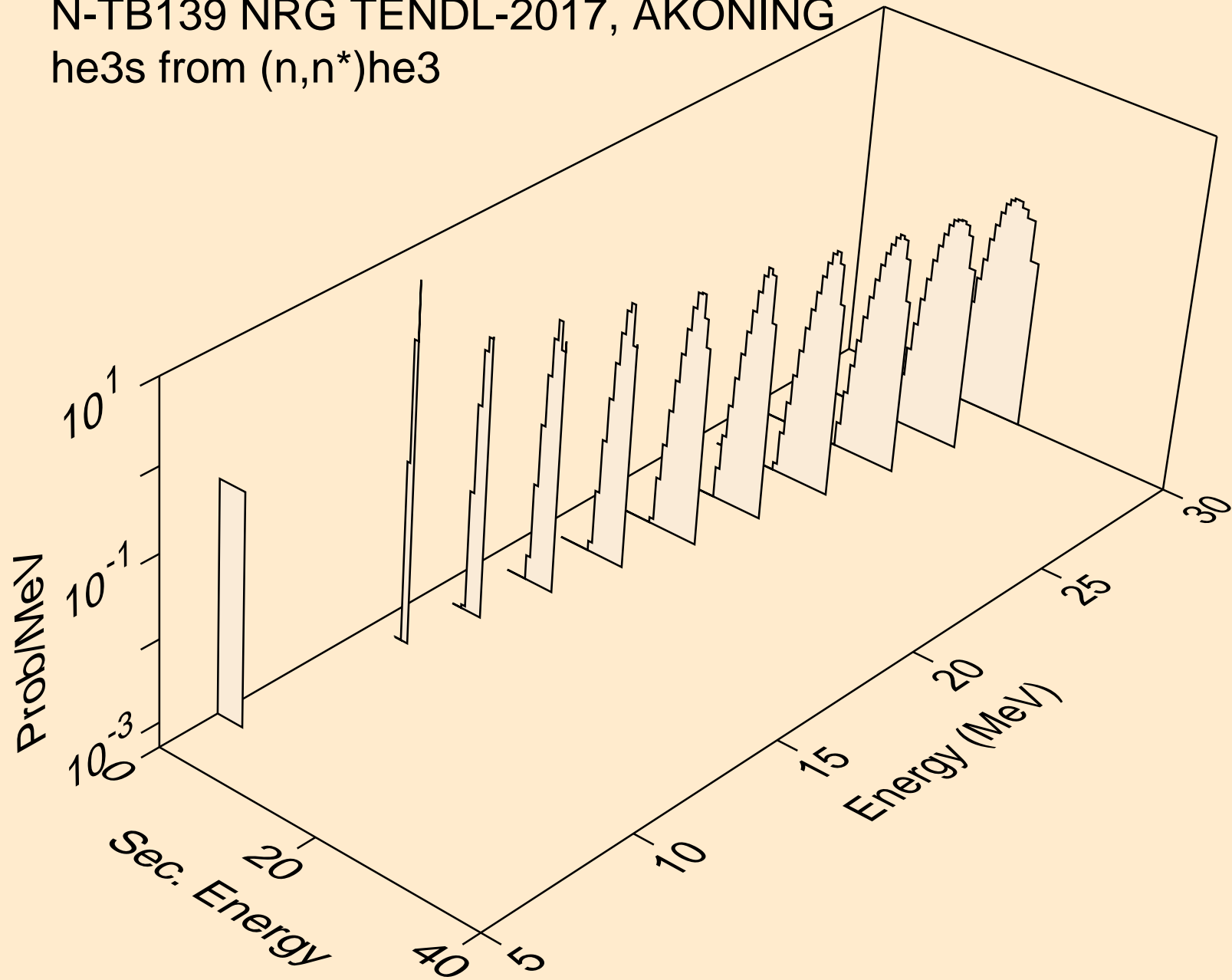
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tritons from (n,pt)



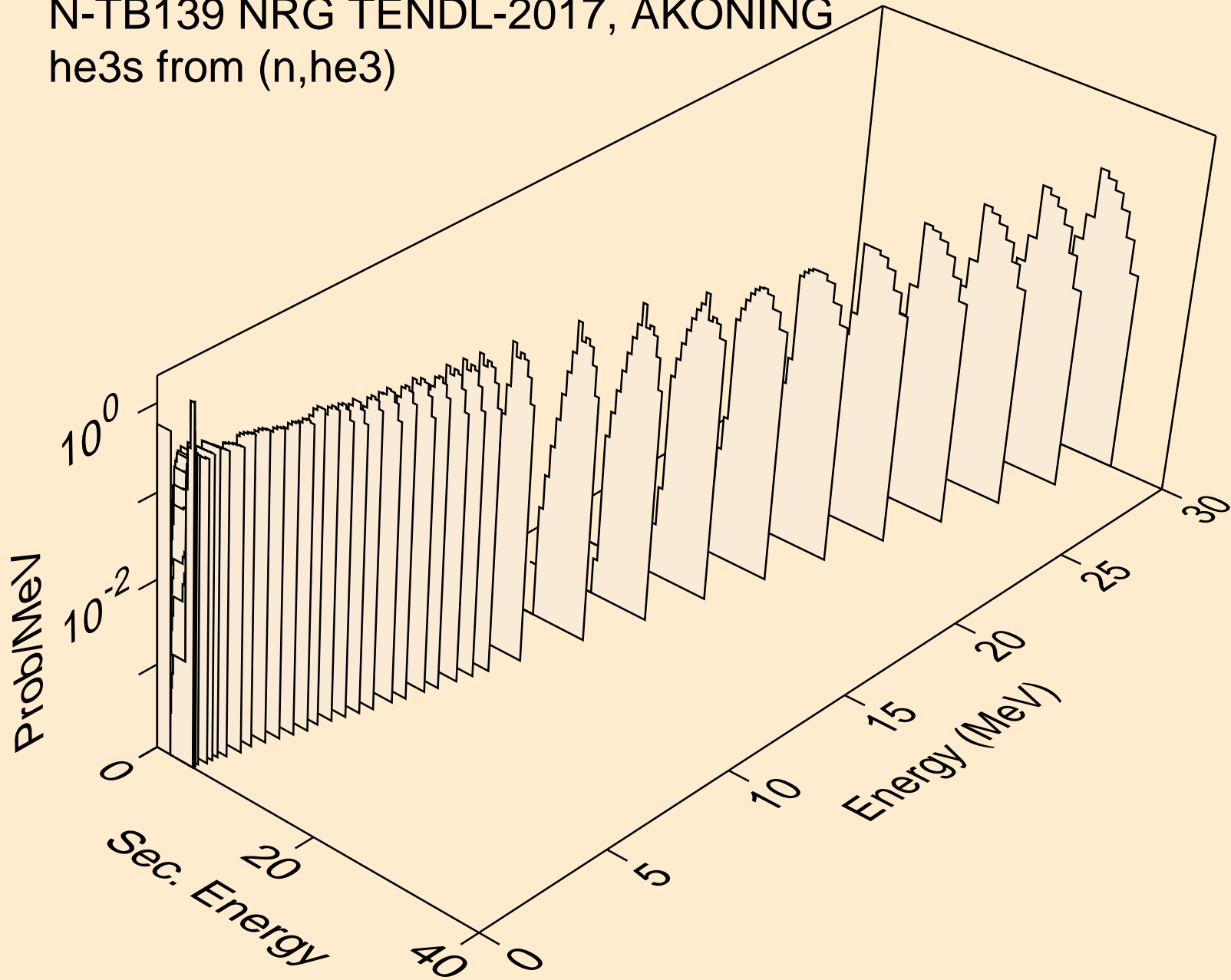
N-TB139 NRG TENDL-2017, AKONING
he3s from (n,x)



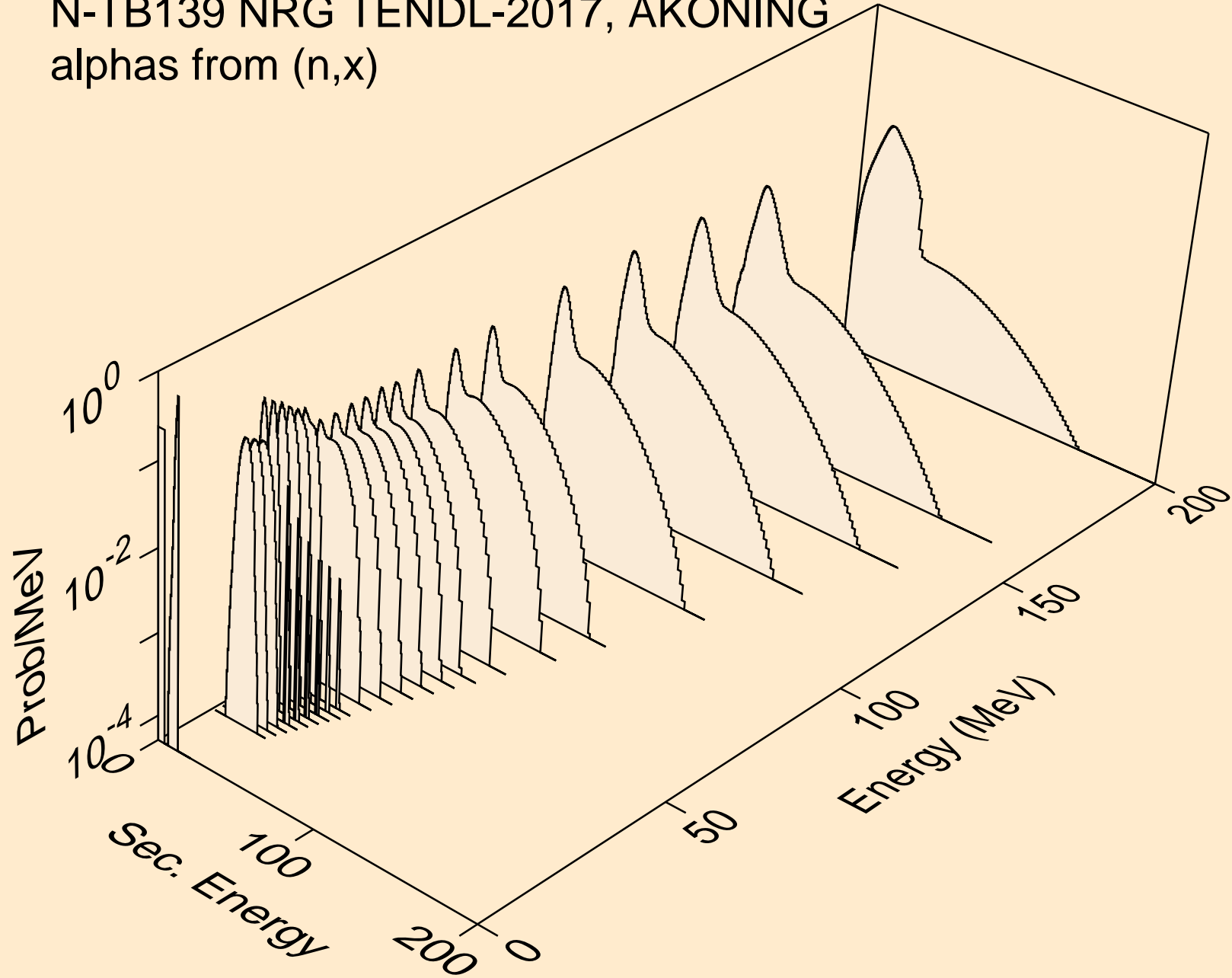
N-TB139 NRG TENDL-2017, AKONING
he3s from (n,n*)he3



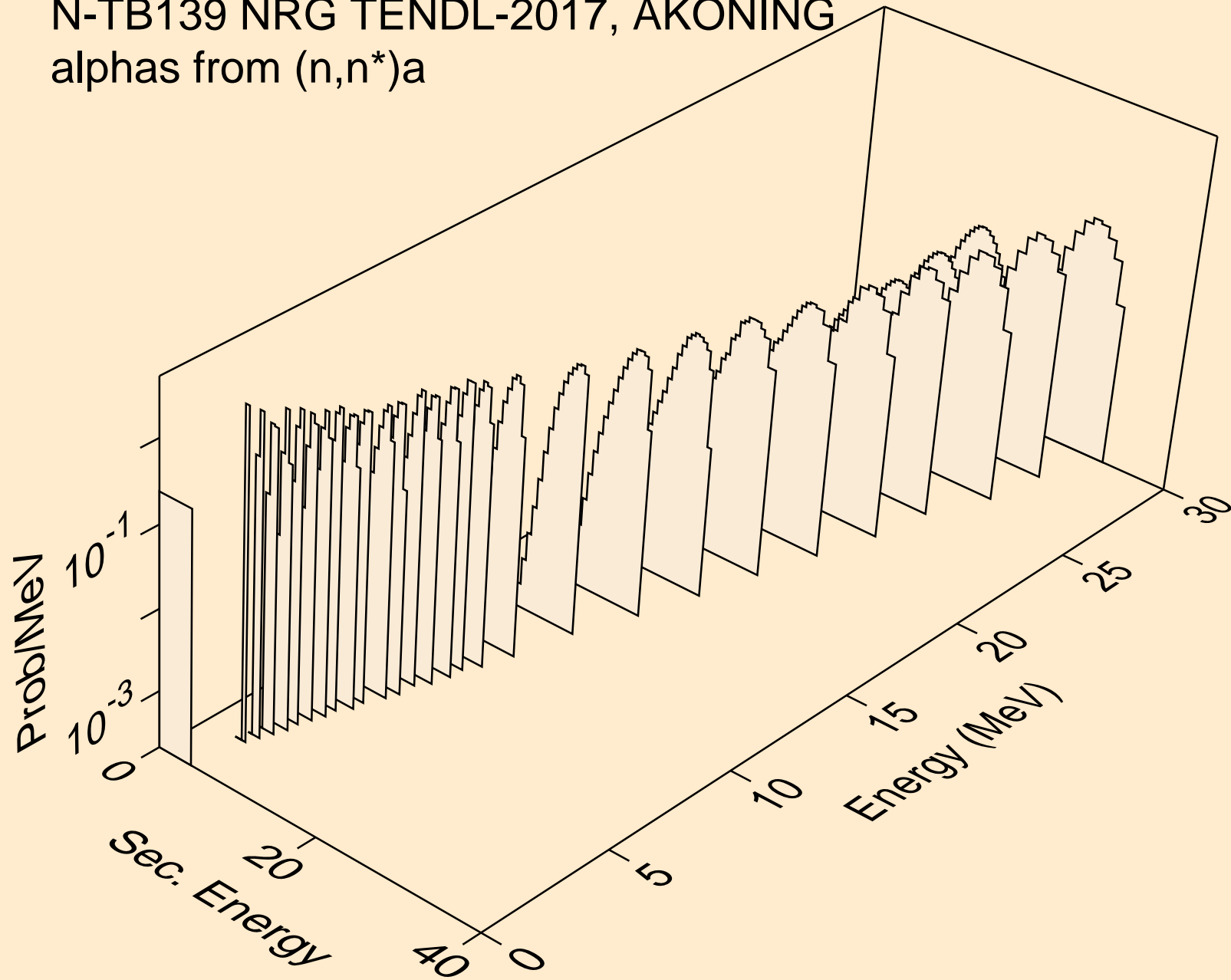
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he3s from (n,he3)



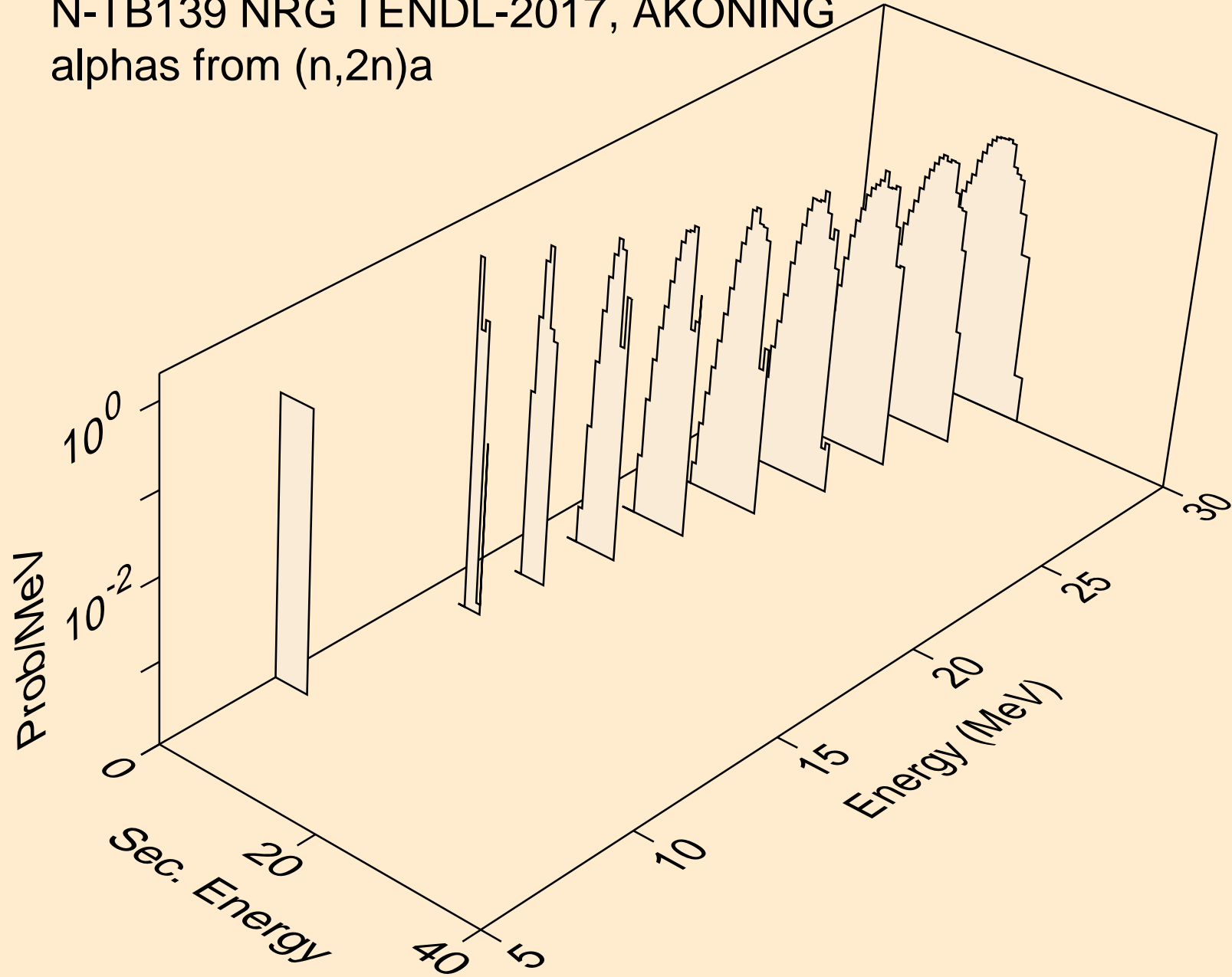
N-TB139 NRG TENDL-2017, AKONING
alphas from (n,x)



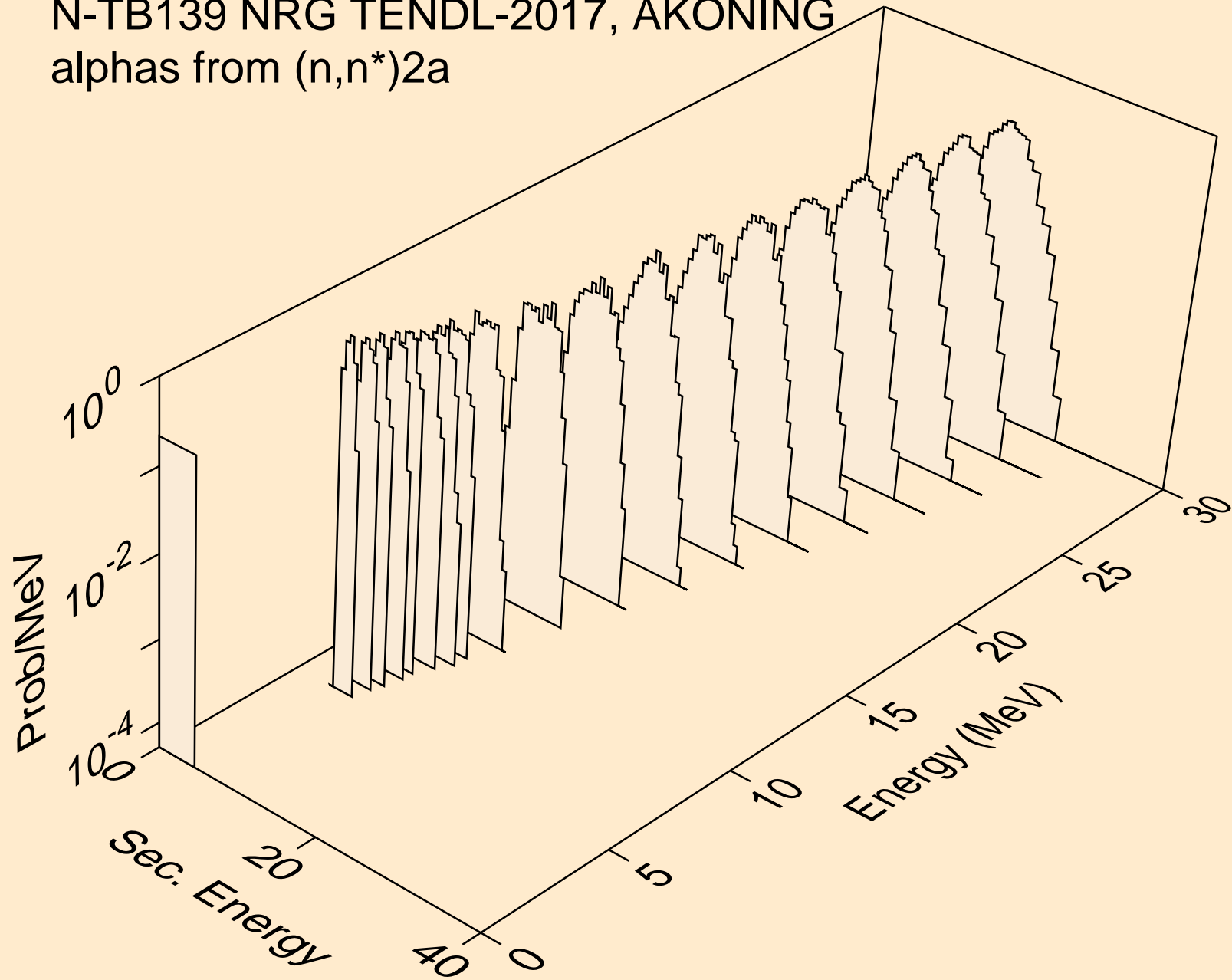
N-TB139 NRG TENDL-2017, AKONING
alphas from (n,n*)a



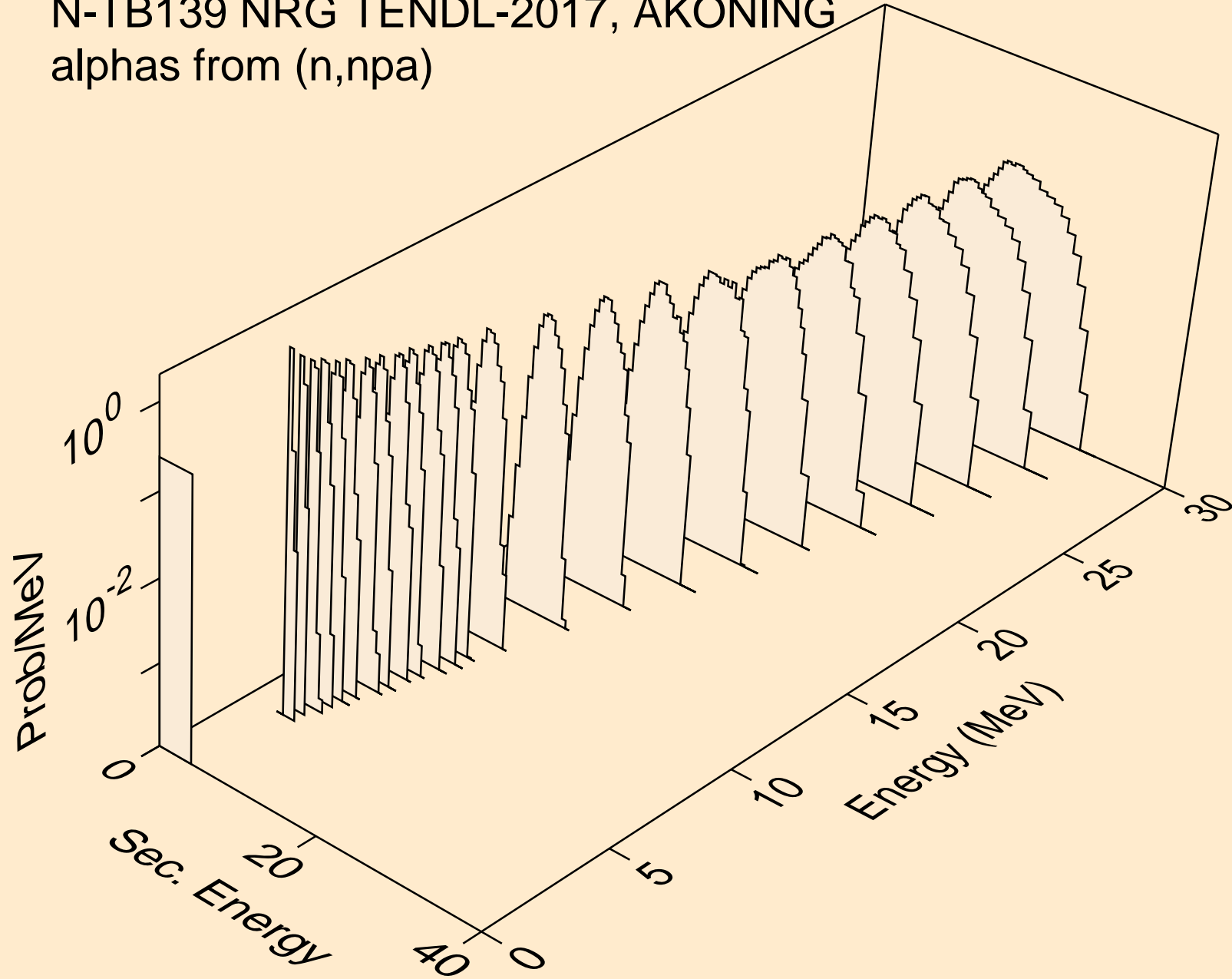
N-TB139 NRG TENDL-2017, AKONING
alphas from (n,2n)a



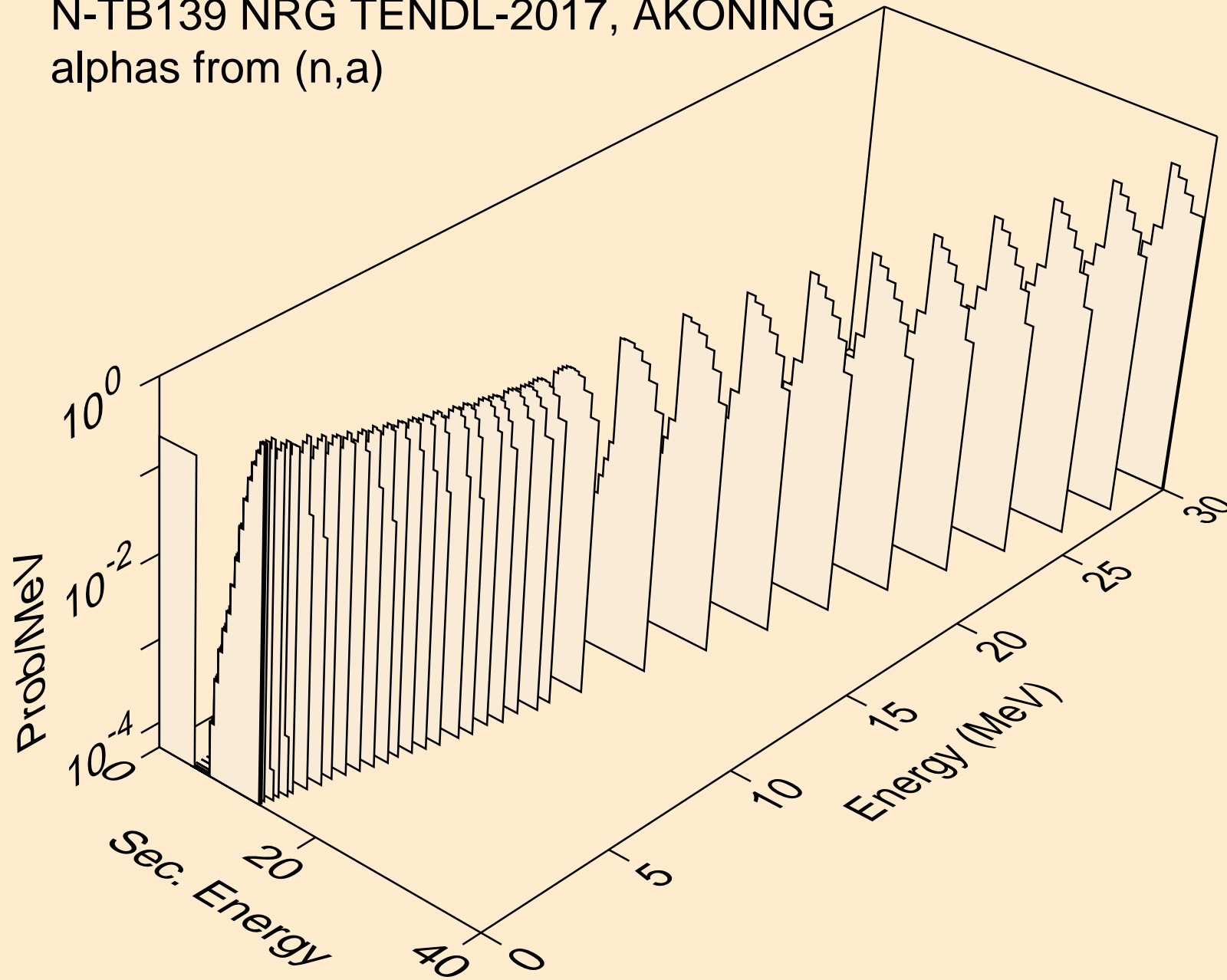
N-TB139 NRG TENDL-2017, AKONING
alphas from (n,n*)2a



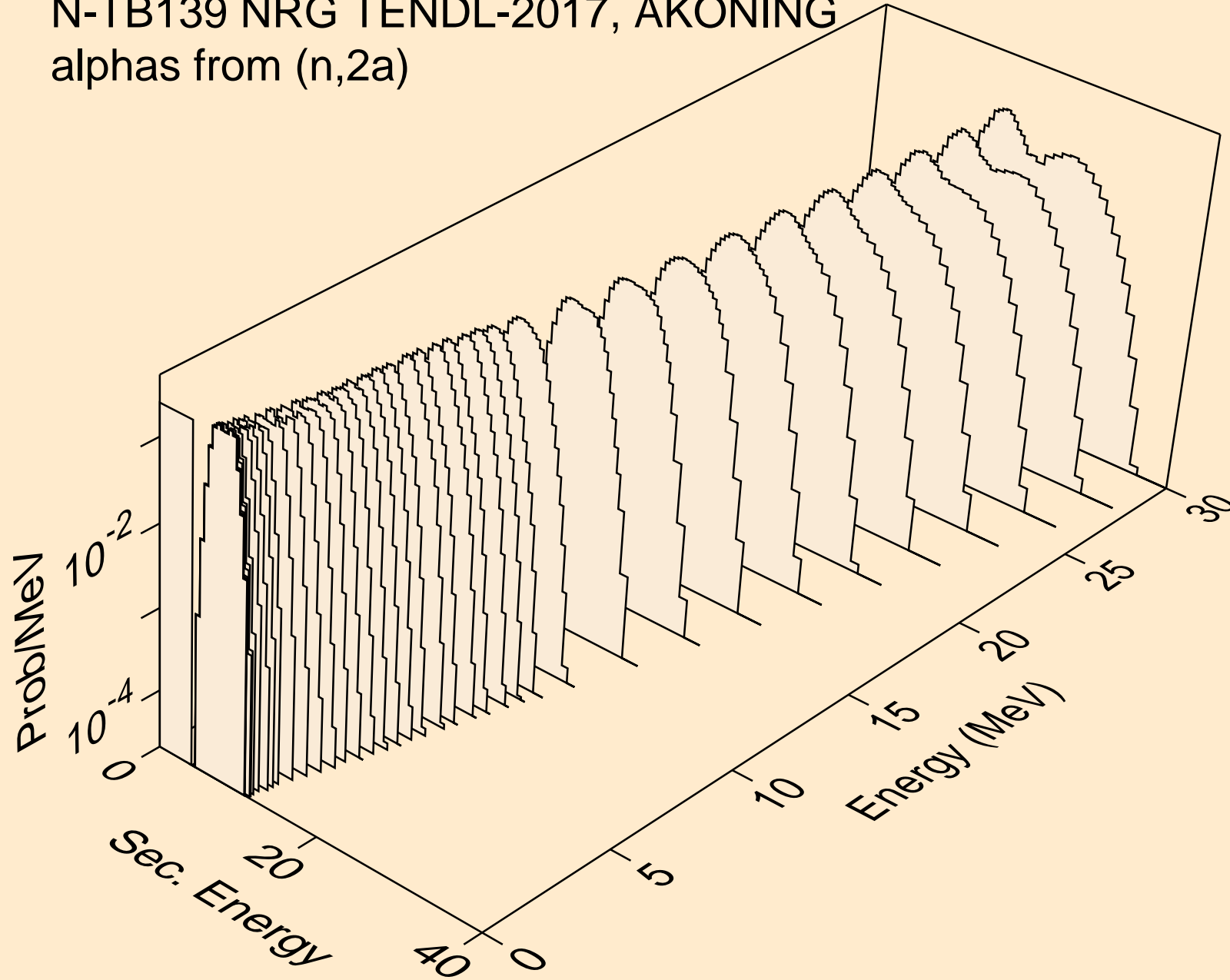
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alphas from (n,npa)



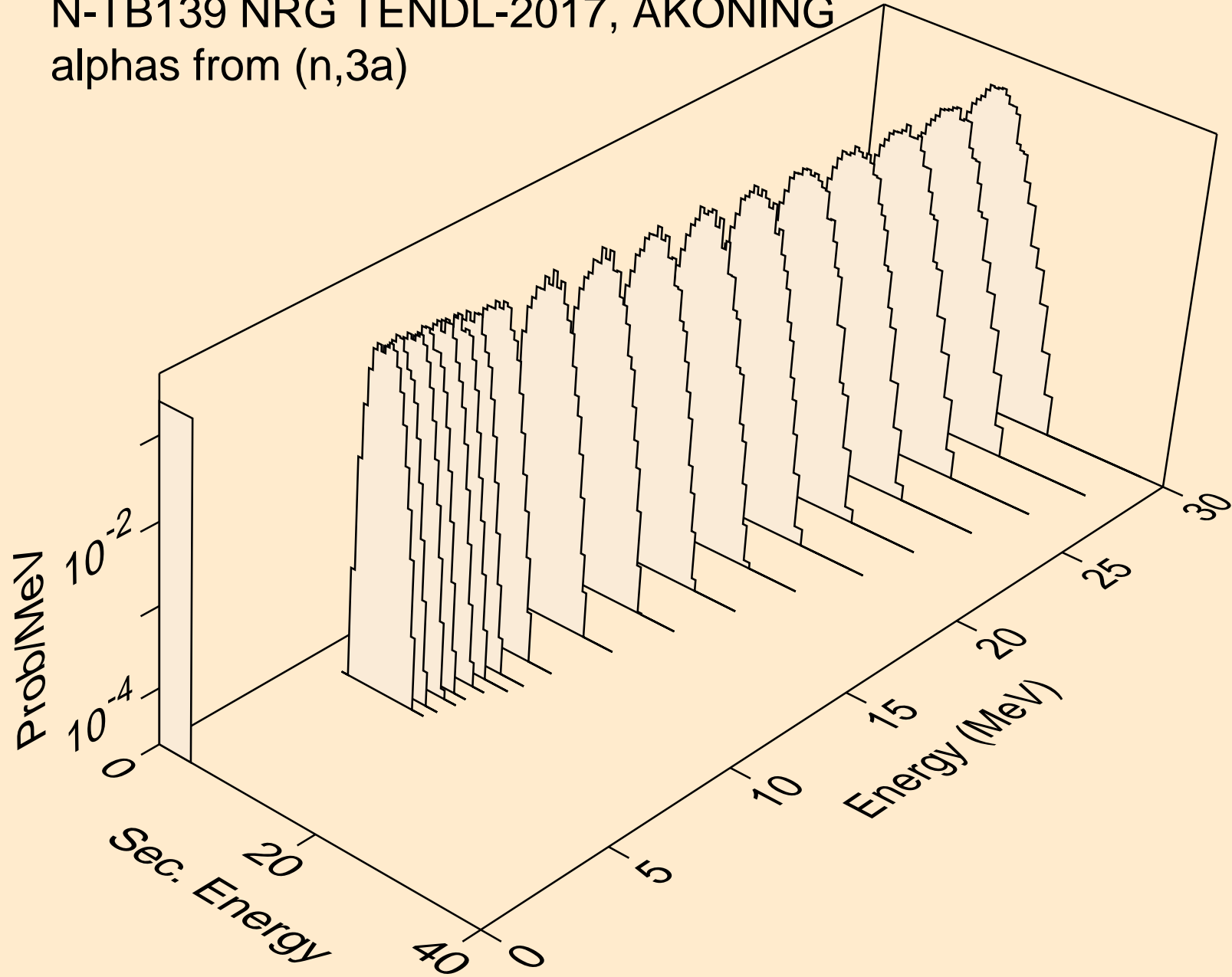
N-TB139 NRG TENDL-2017, AKONING
alphas from (n,a)



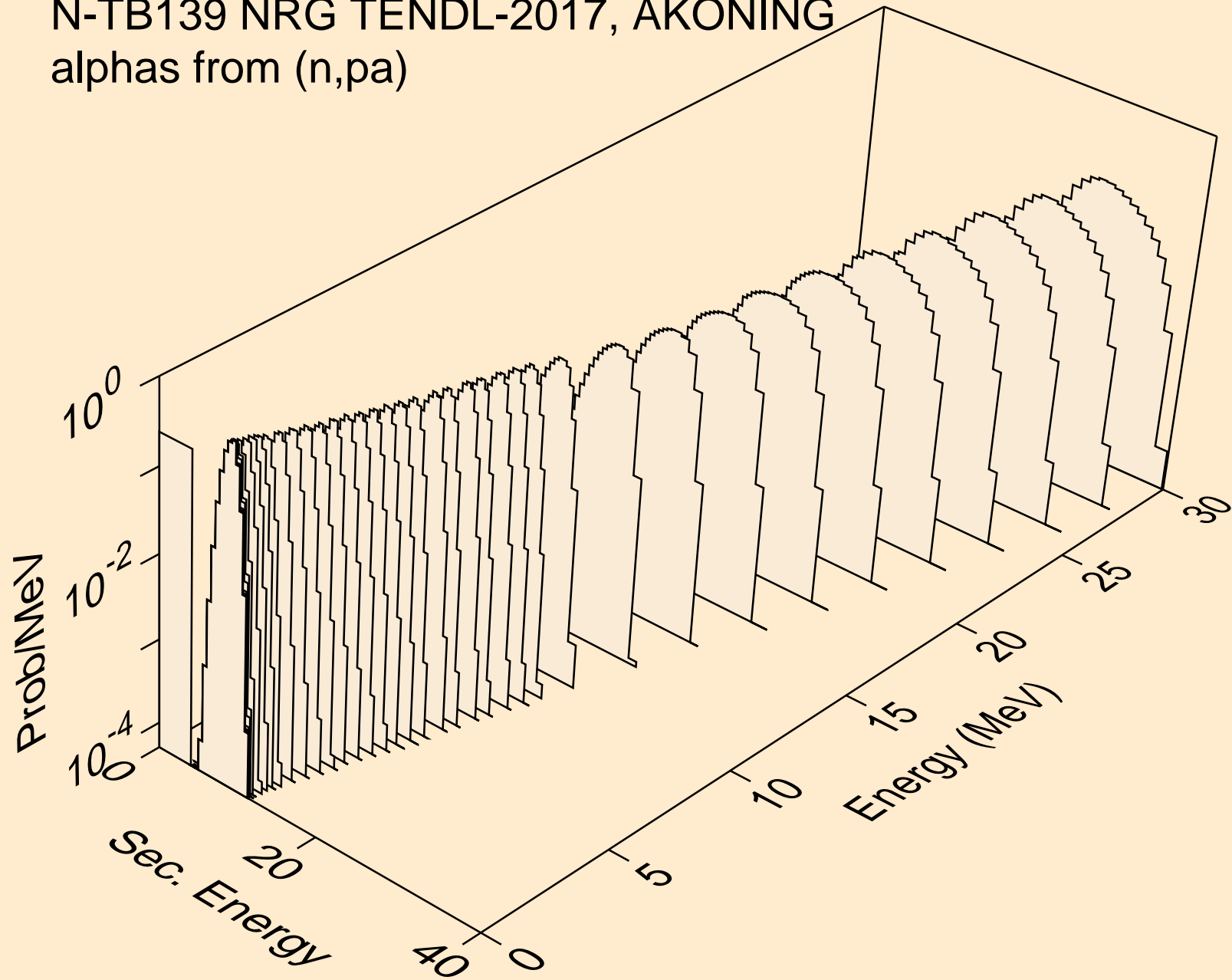
N-TB139 NRG TENDL-2017, AKONING
alphas from (n,2a)



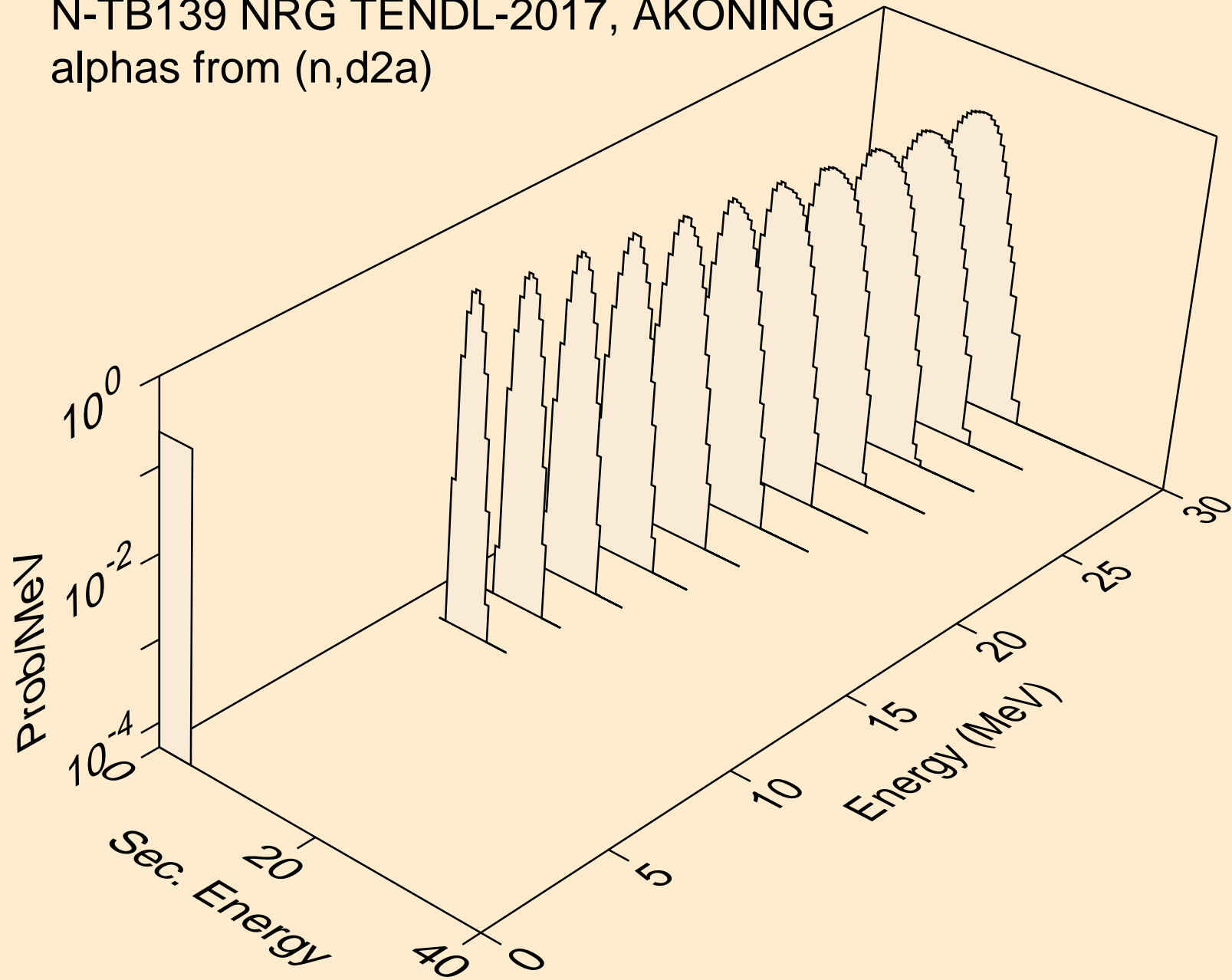
N-TB139 NRG TENDL-2017, AKONING
alphas from (n,3a)



N-TB139 NRG TENDL-2017, AKONING
alphas from (n,pa)



N-TB139 NRG TENDL-2017, AKONING
alphas from (n,d2a)



N-TB139 NRG TENDL-2017, AKONING
alphas from (n,da)

