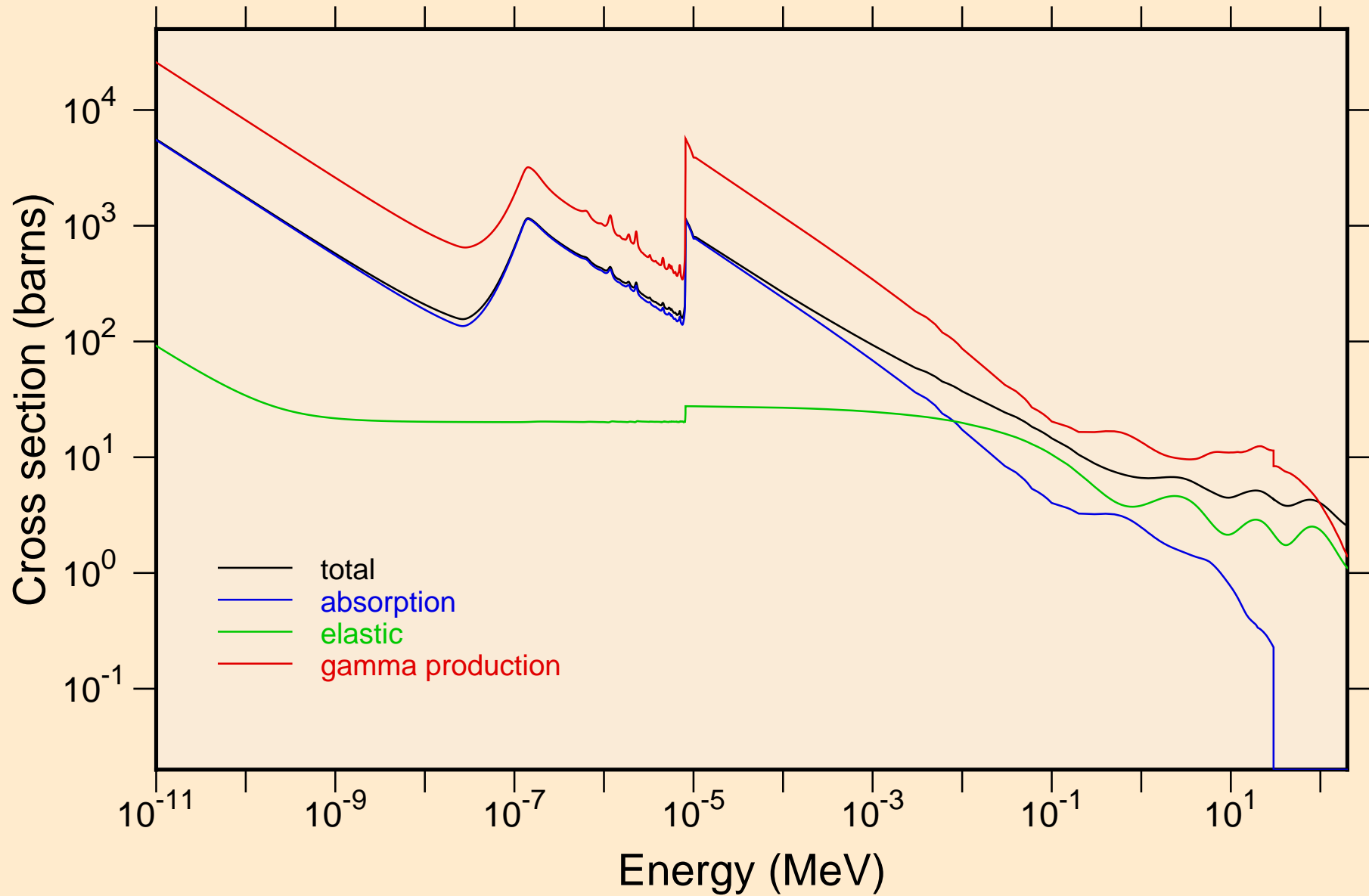
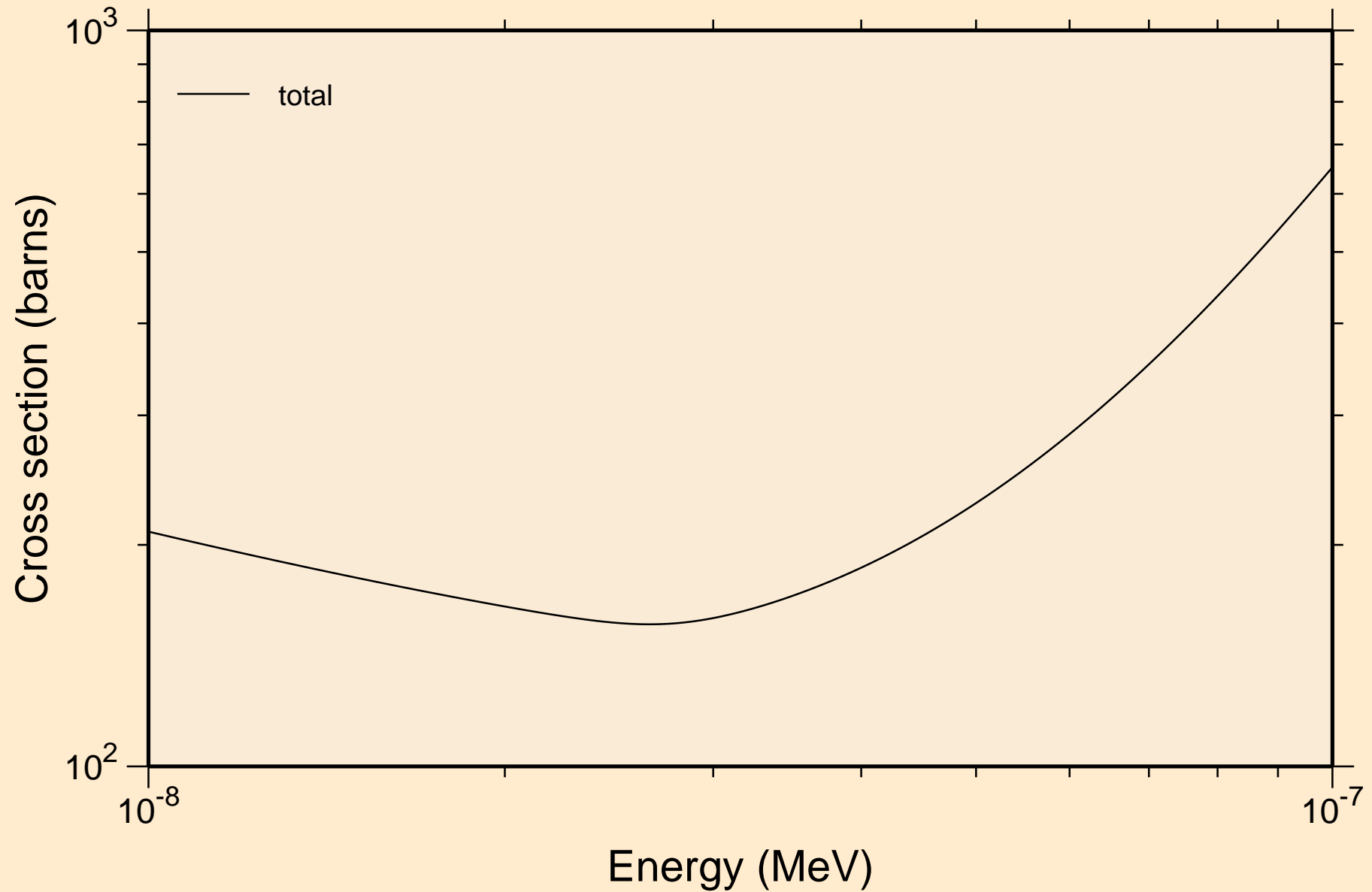


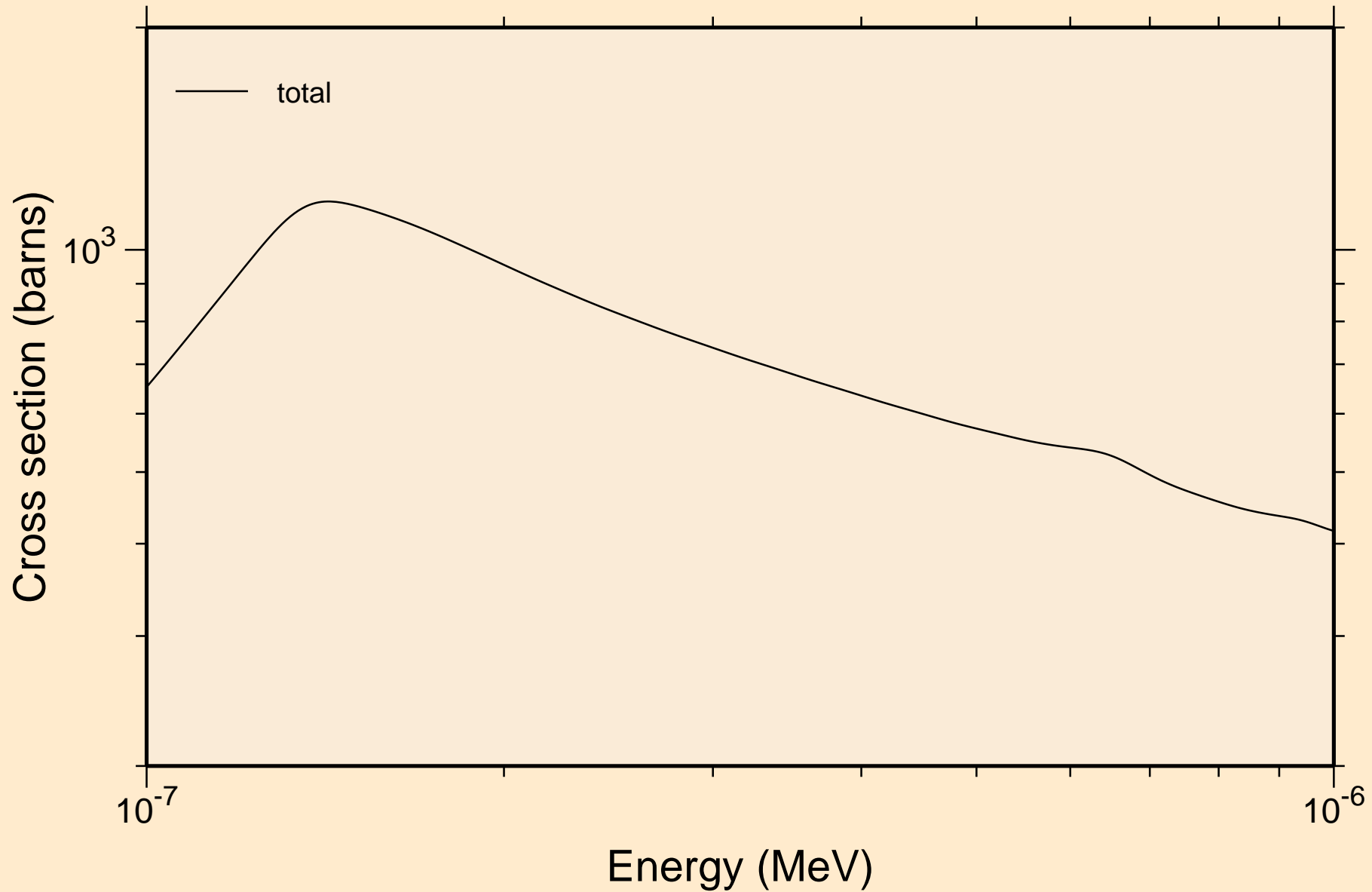
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Principal cross sections



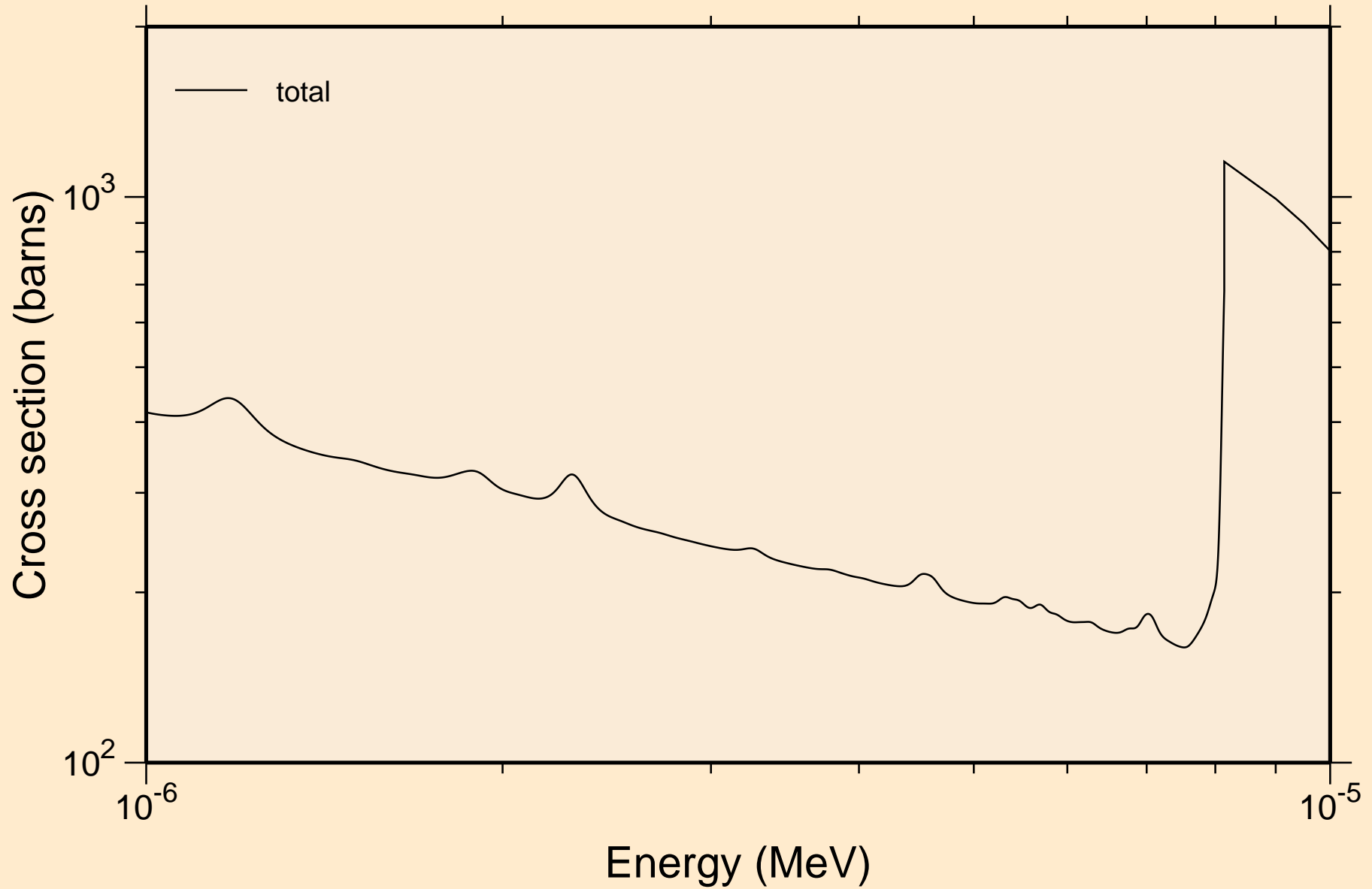
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resonance total cross section



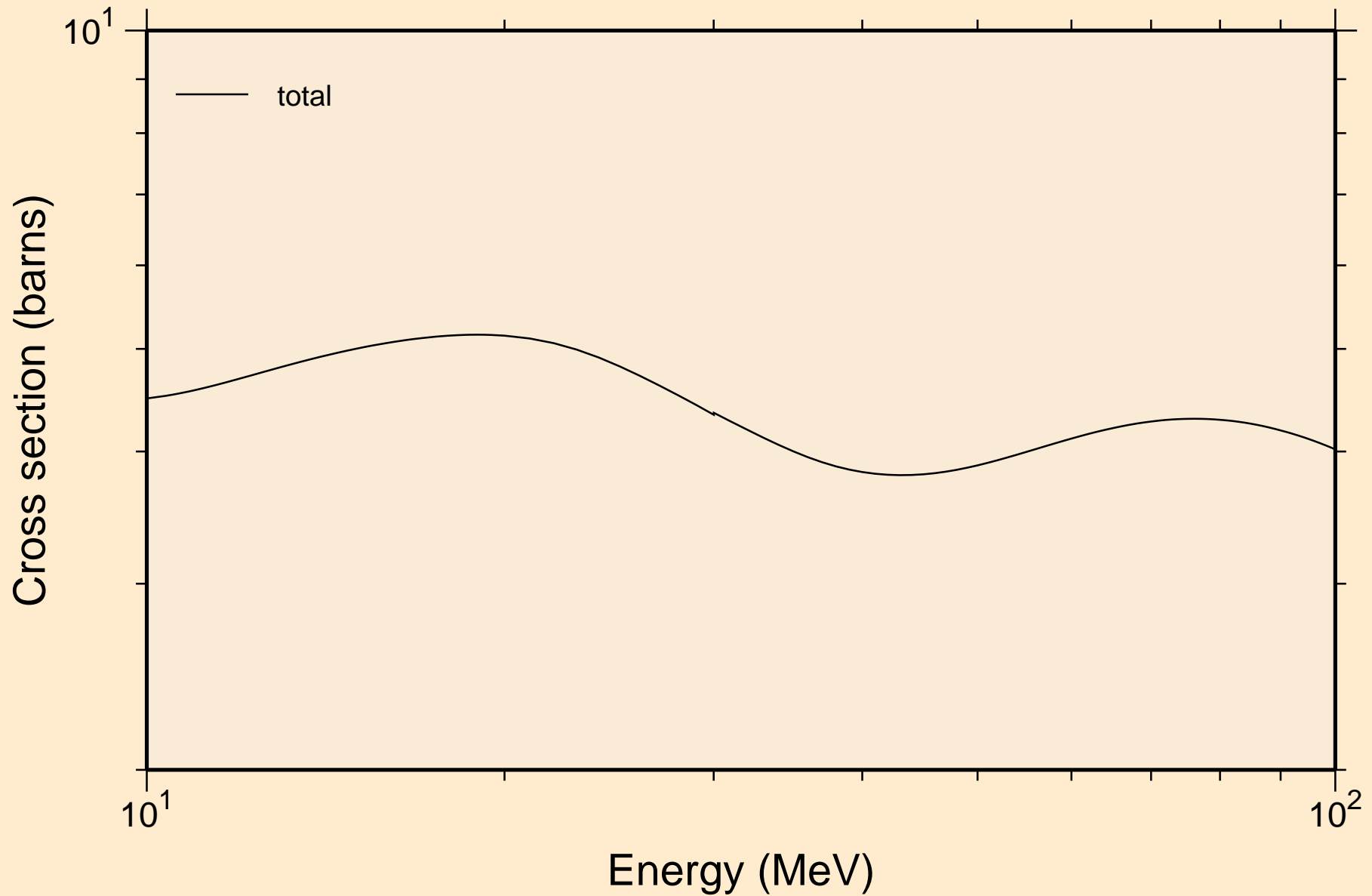
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resonance total cross section



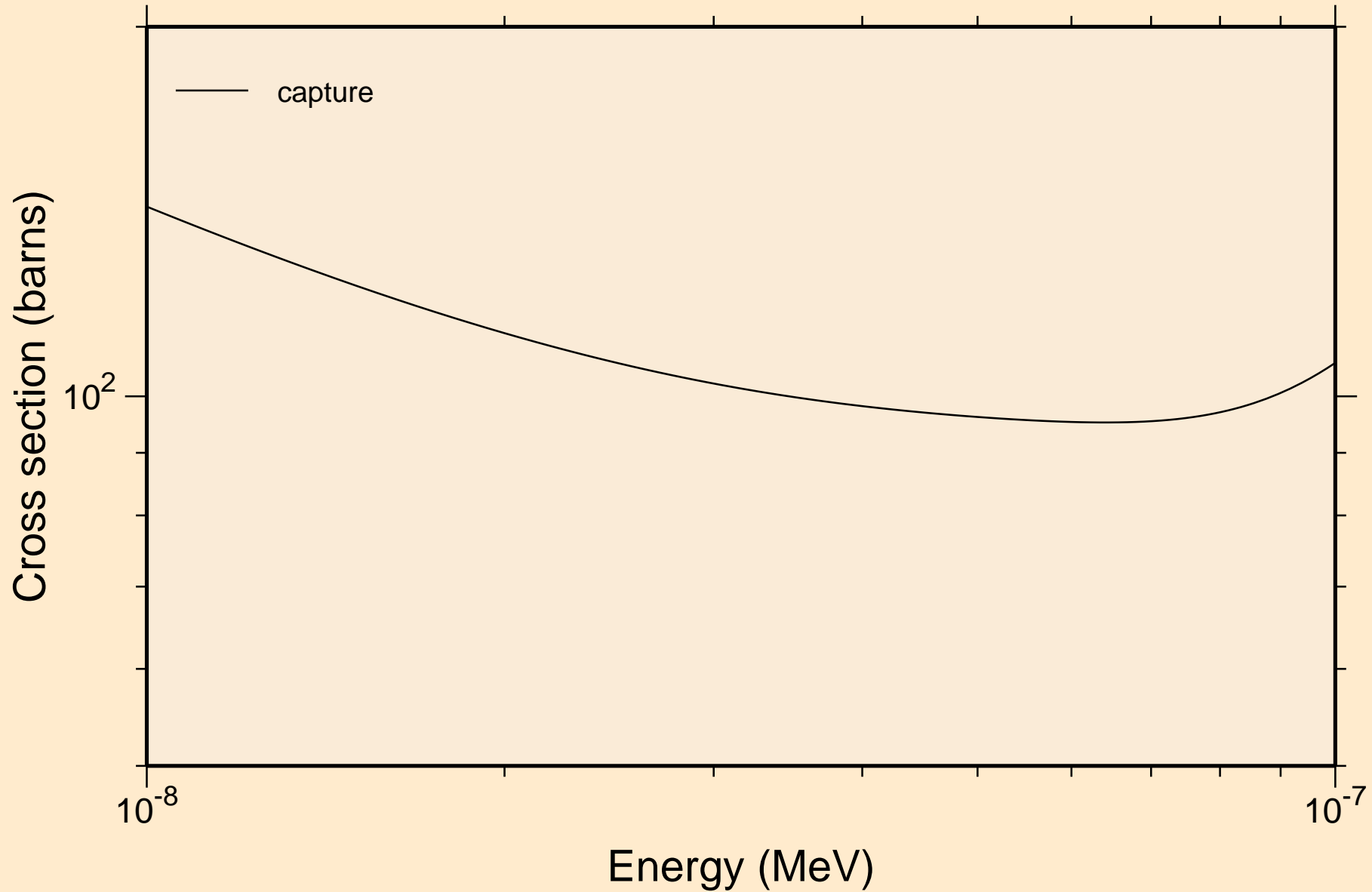
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resonance total cross section



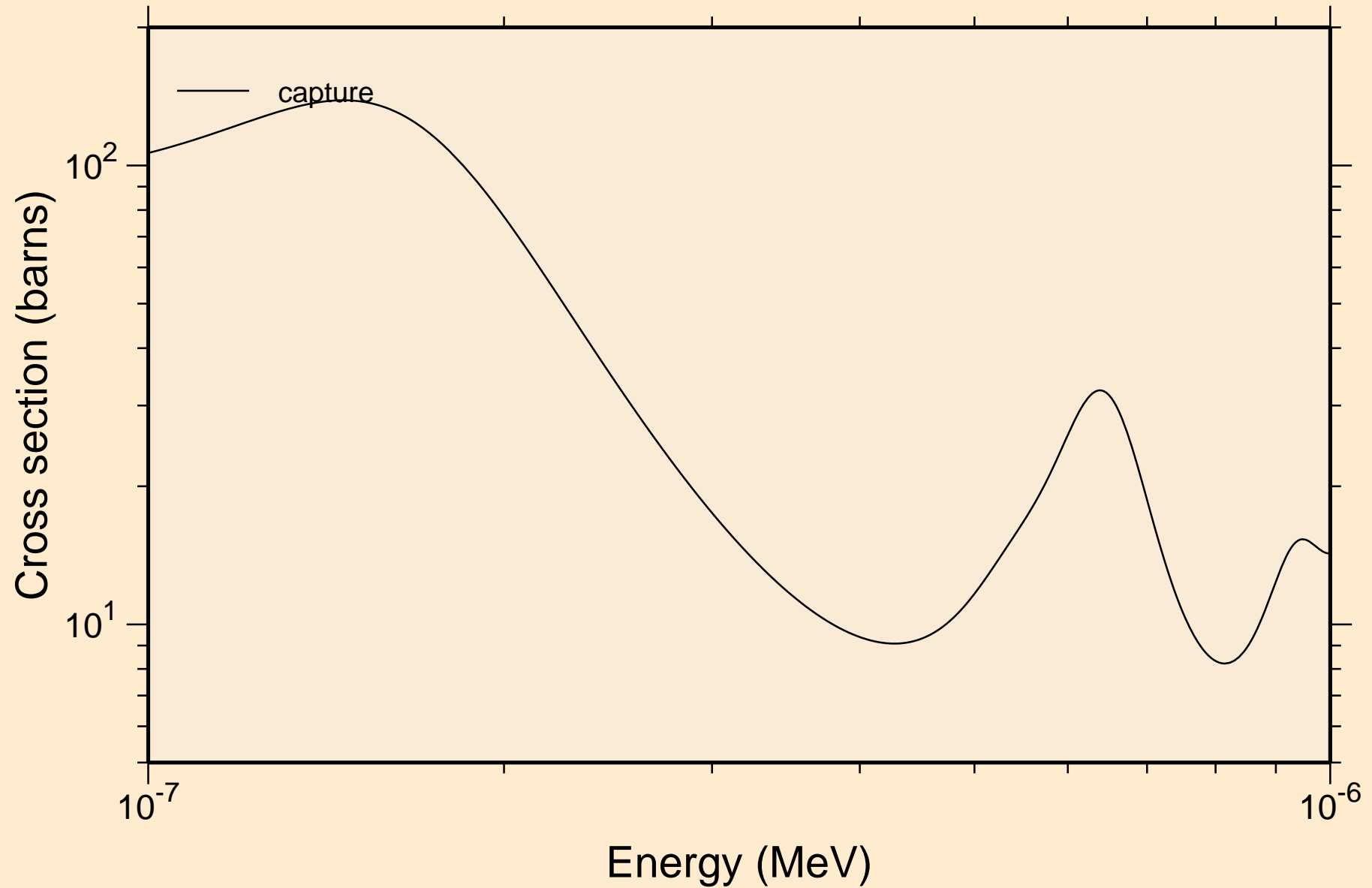
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resonance total cross section



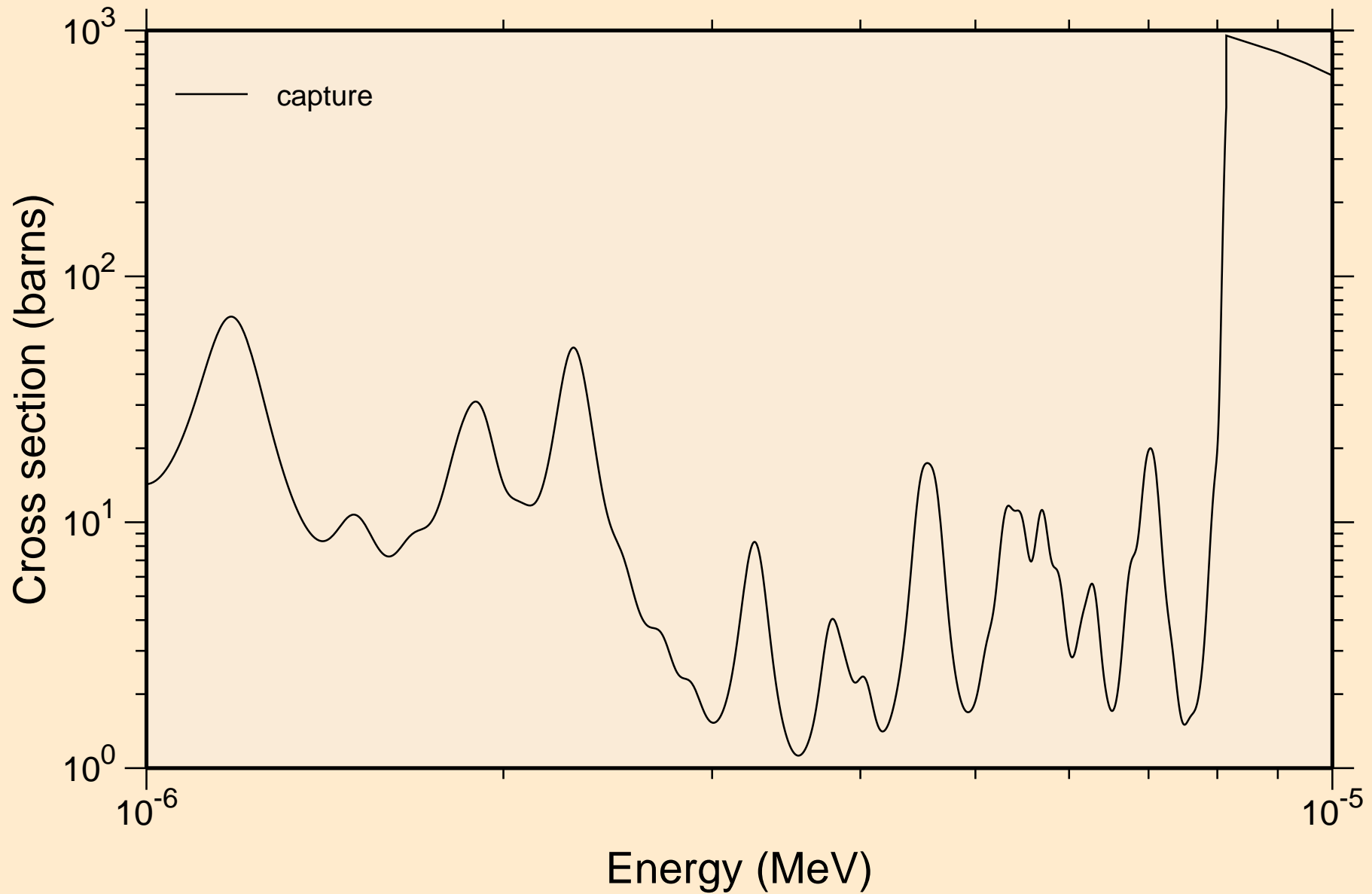
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resonance absorption cross sections



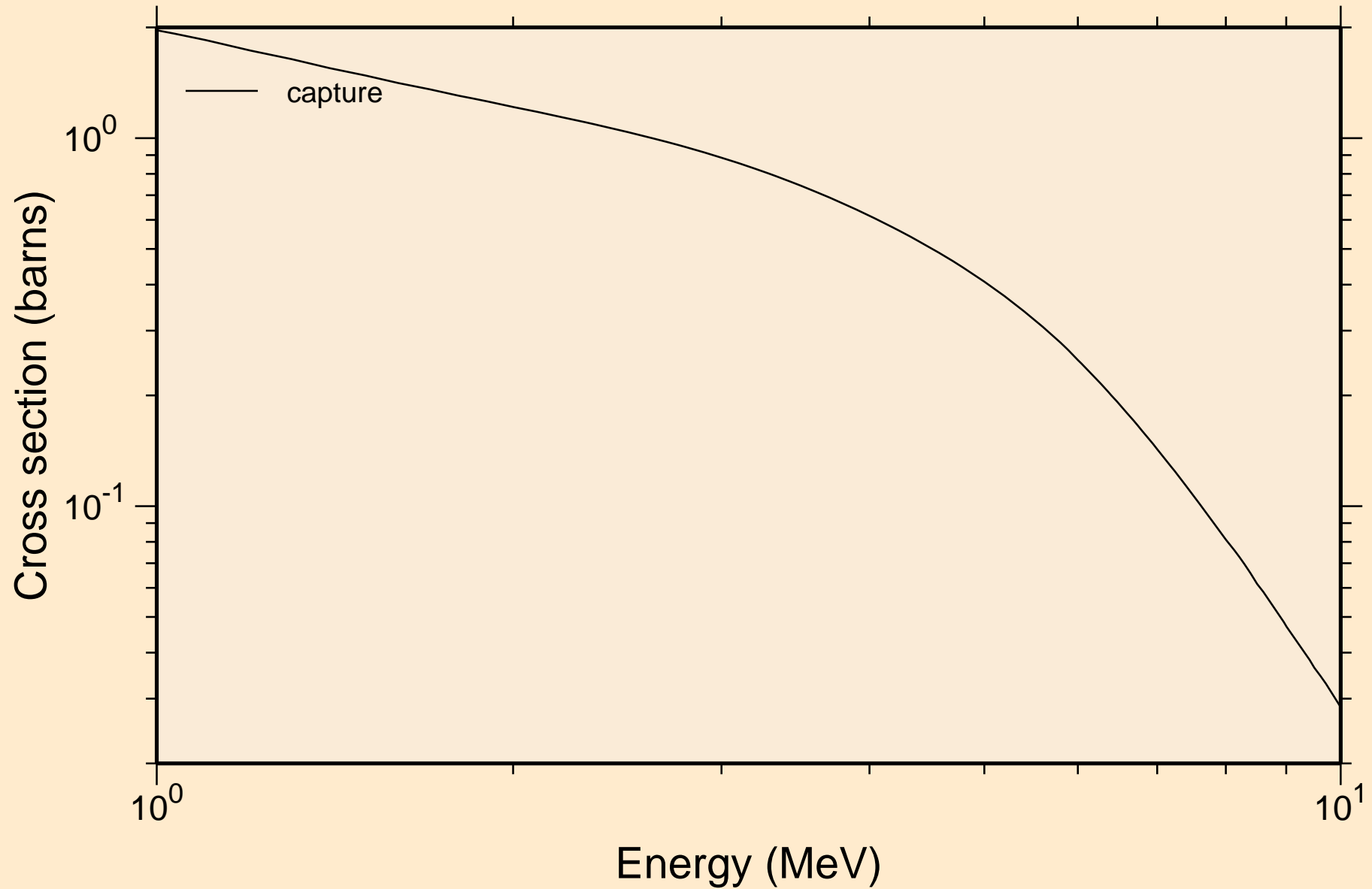
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resonance absorption cross sections



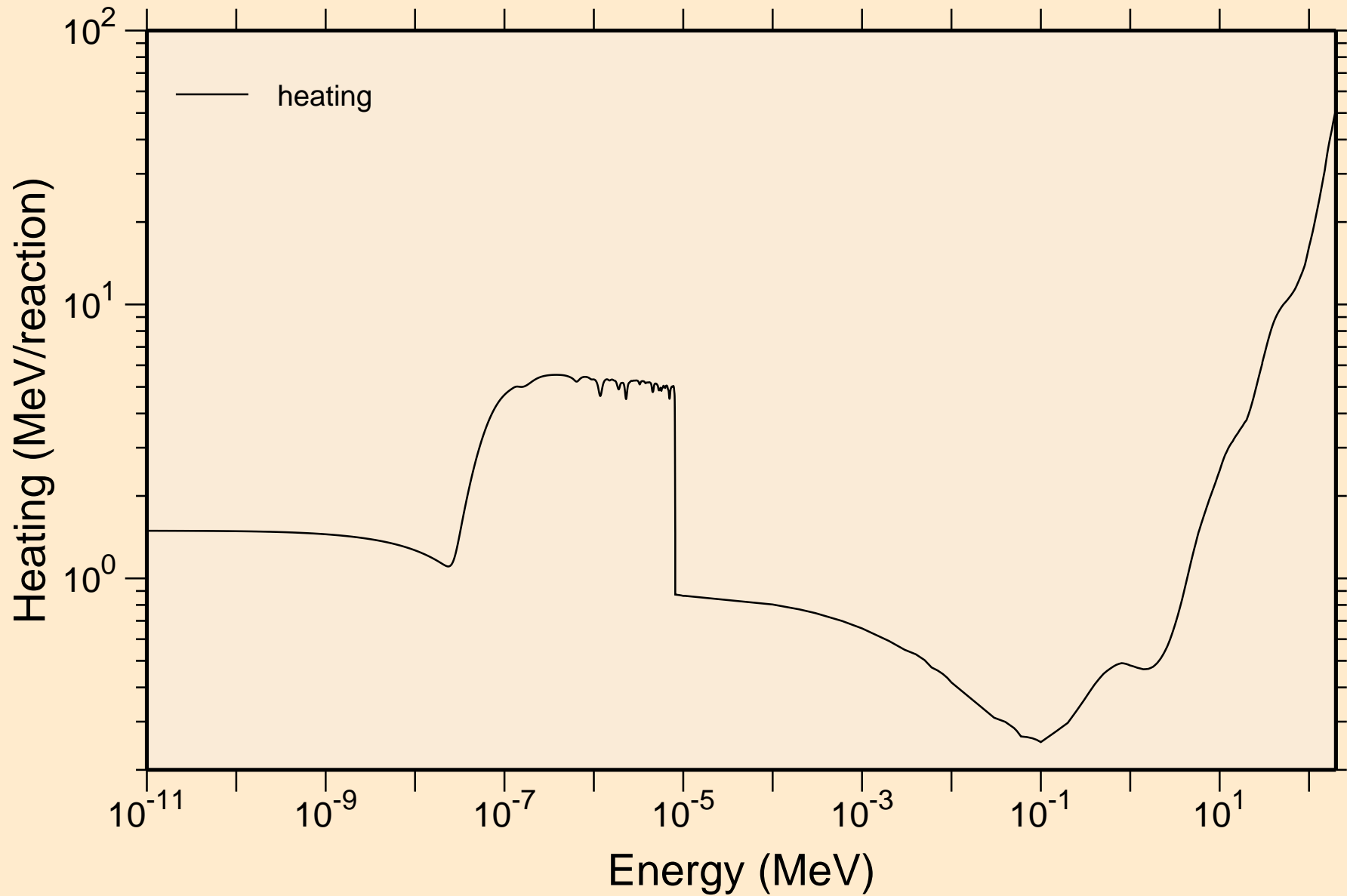
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resonance absorption cross sections



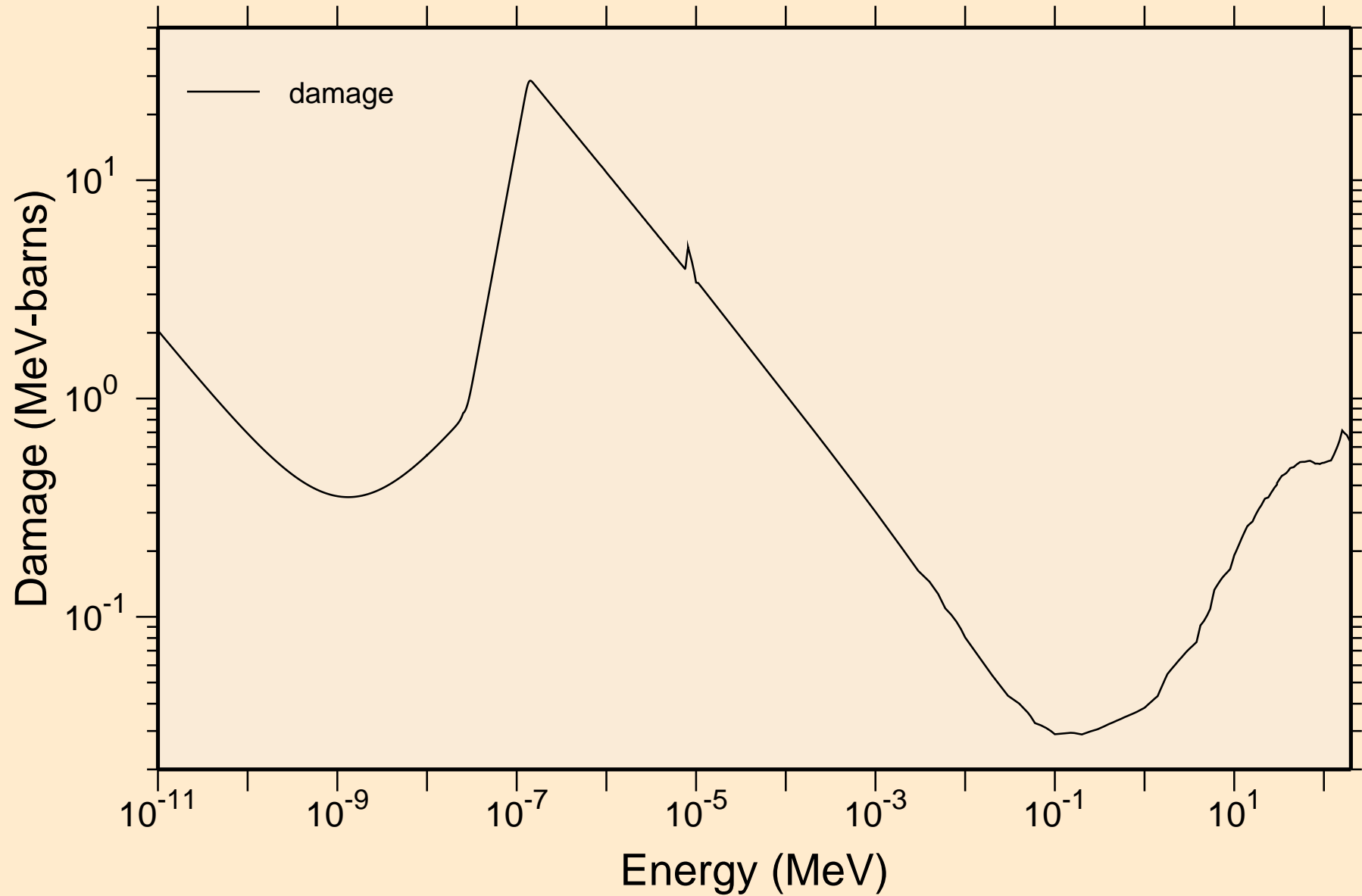
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resonance absorption cross sections



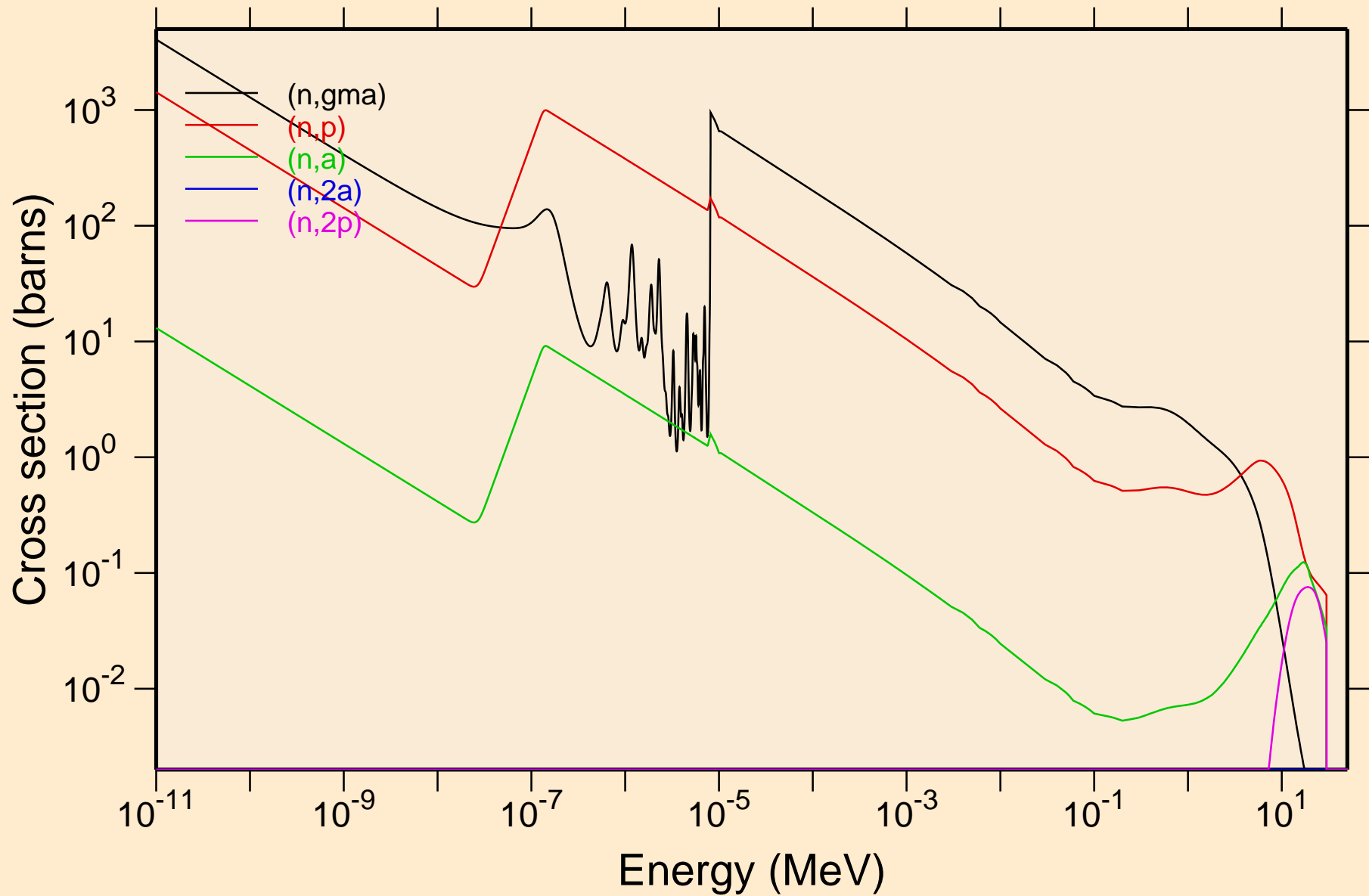
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating



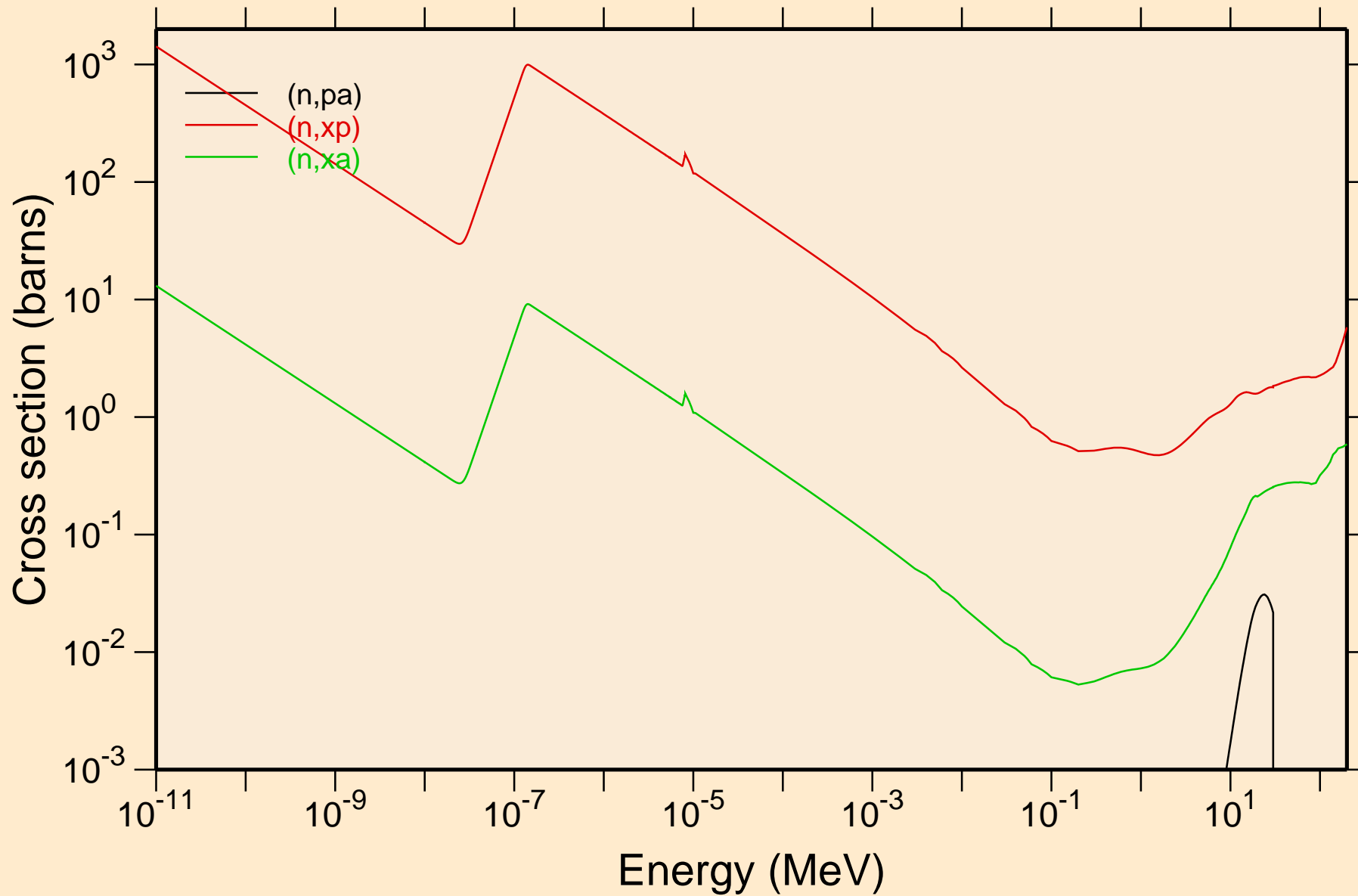
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Damage



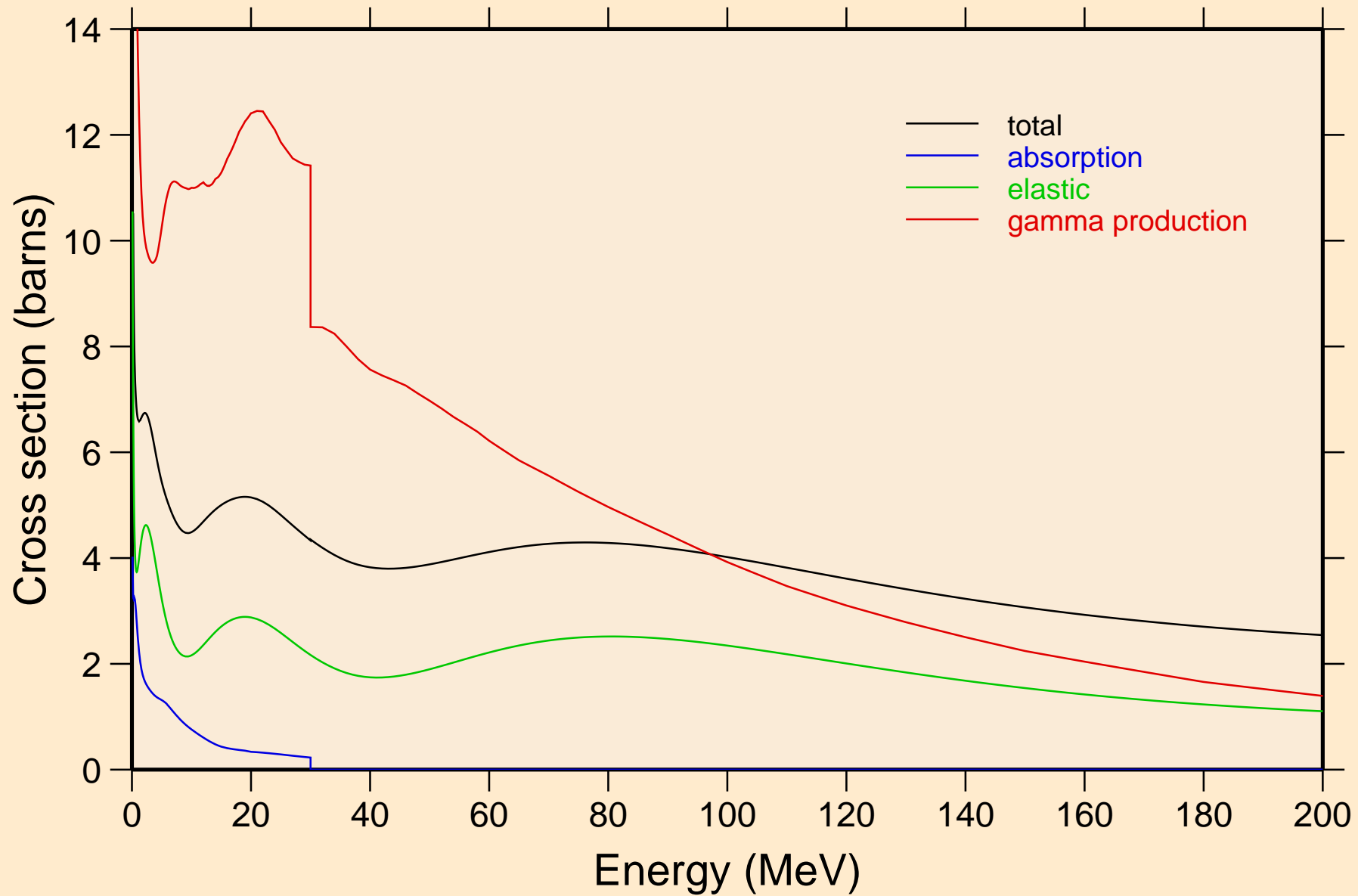
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Non-threshold reactions



TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Non-threshold reactions

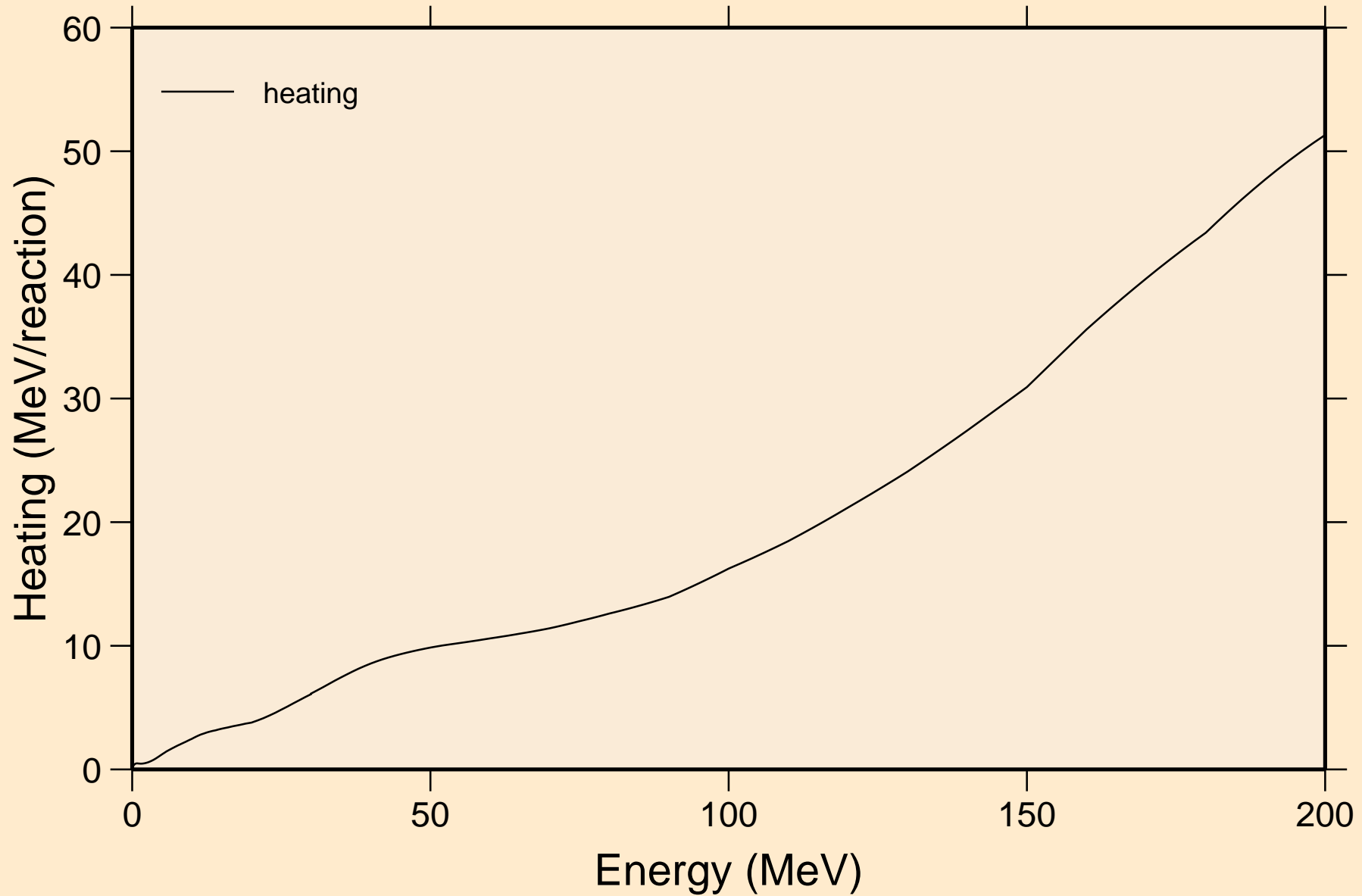


TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Principal cross sections

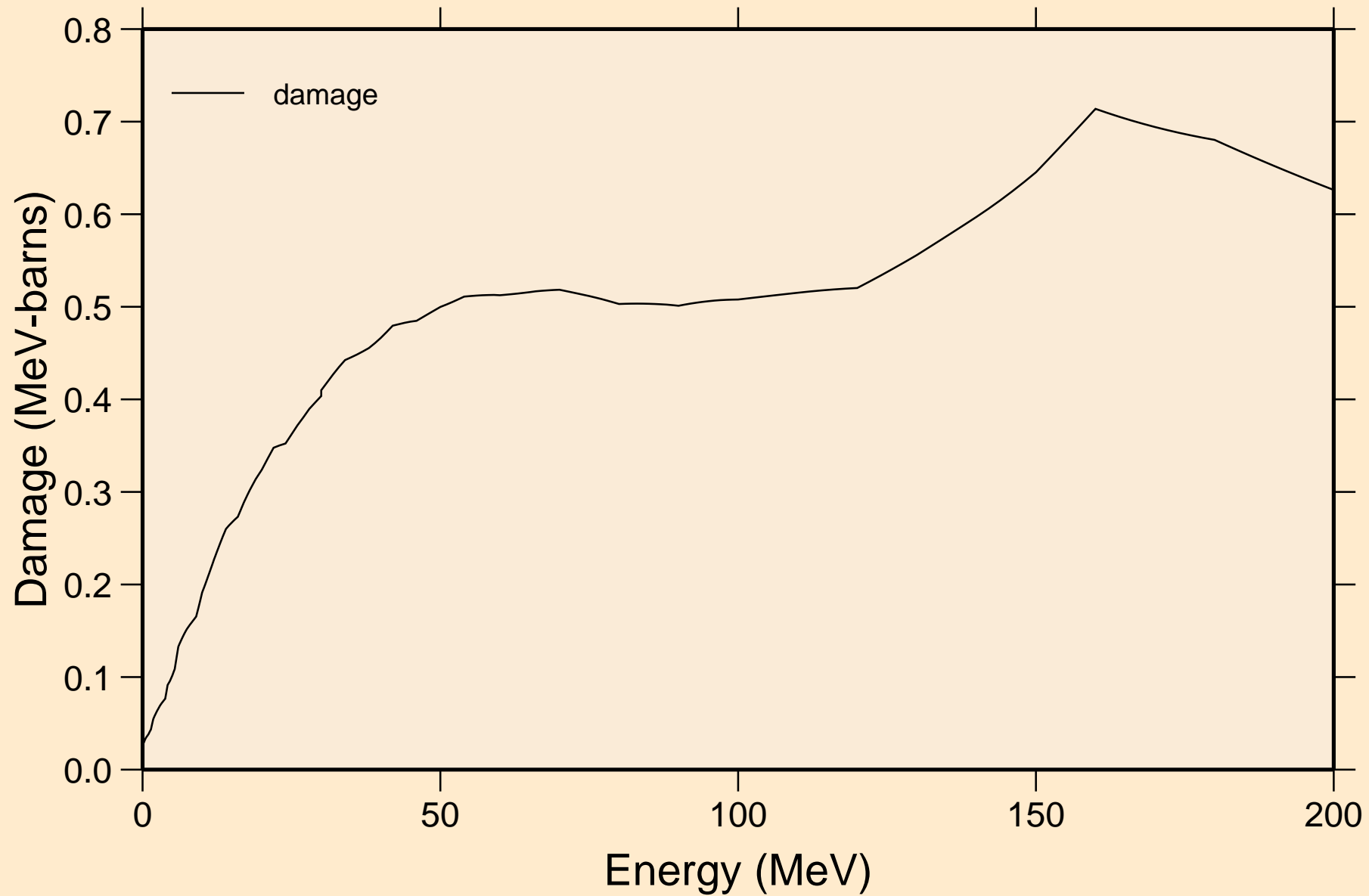


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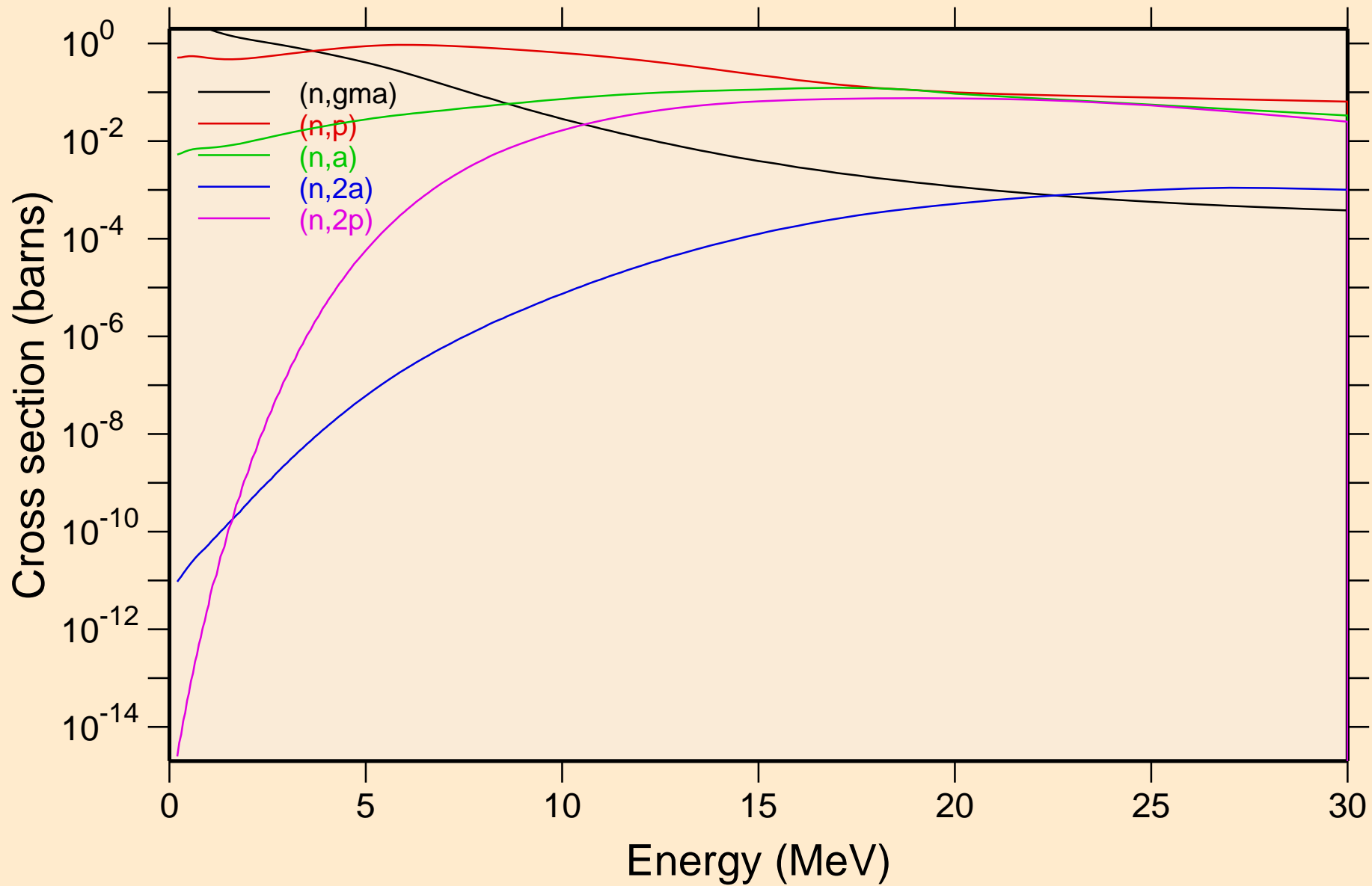
Heating



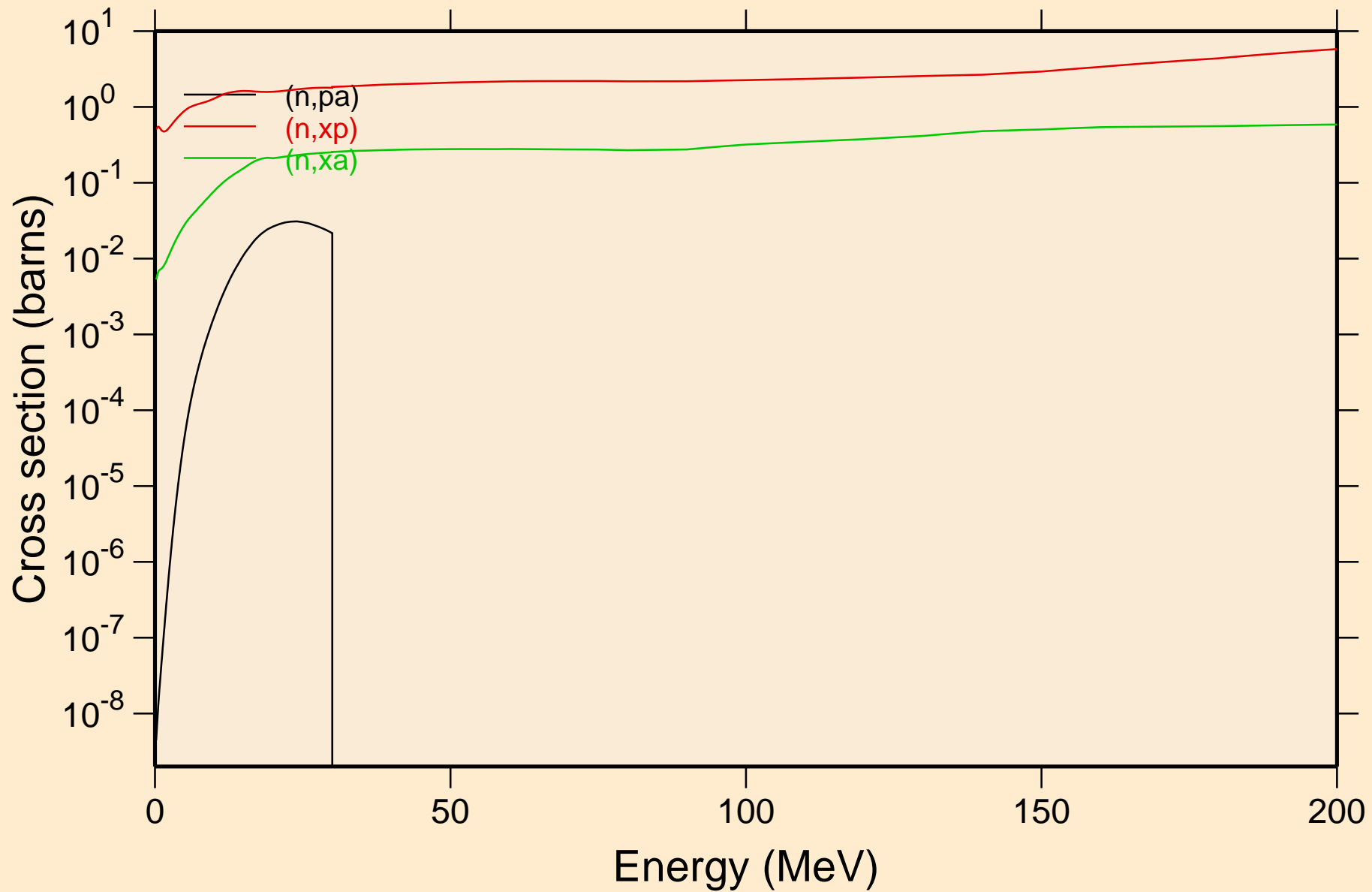
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Damage



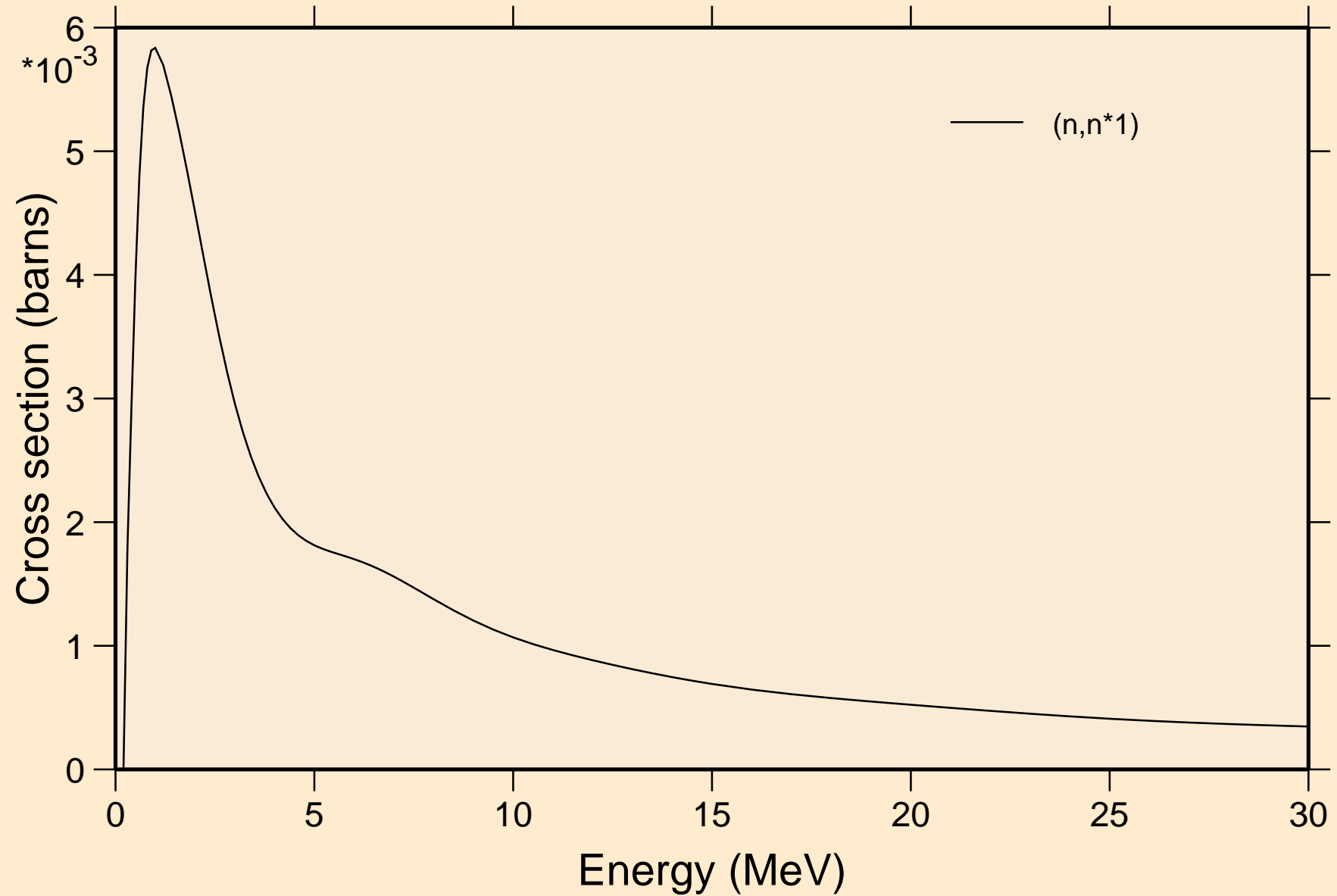
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Non-threshold reactions



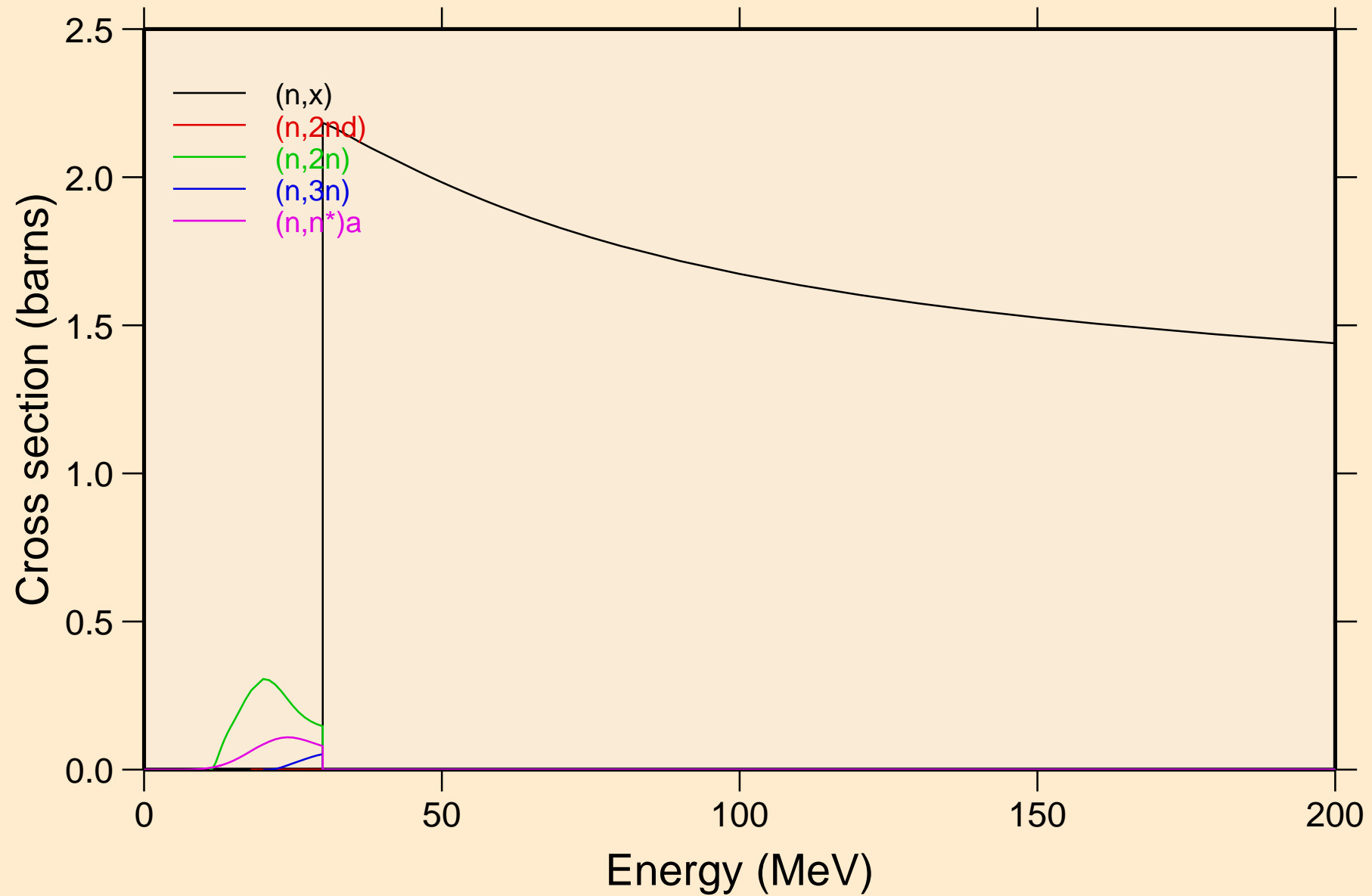
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Non-threshold reactions



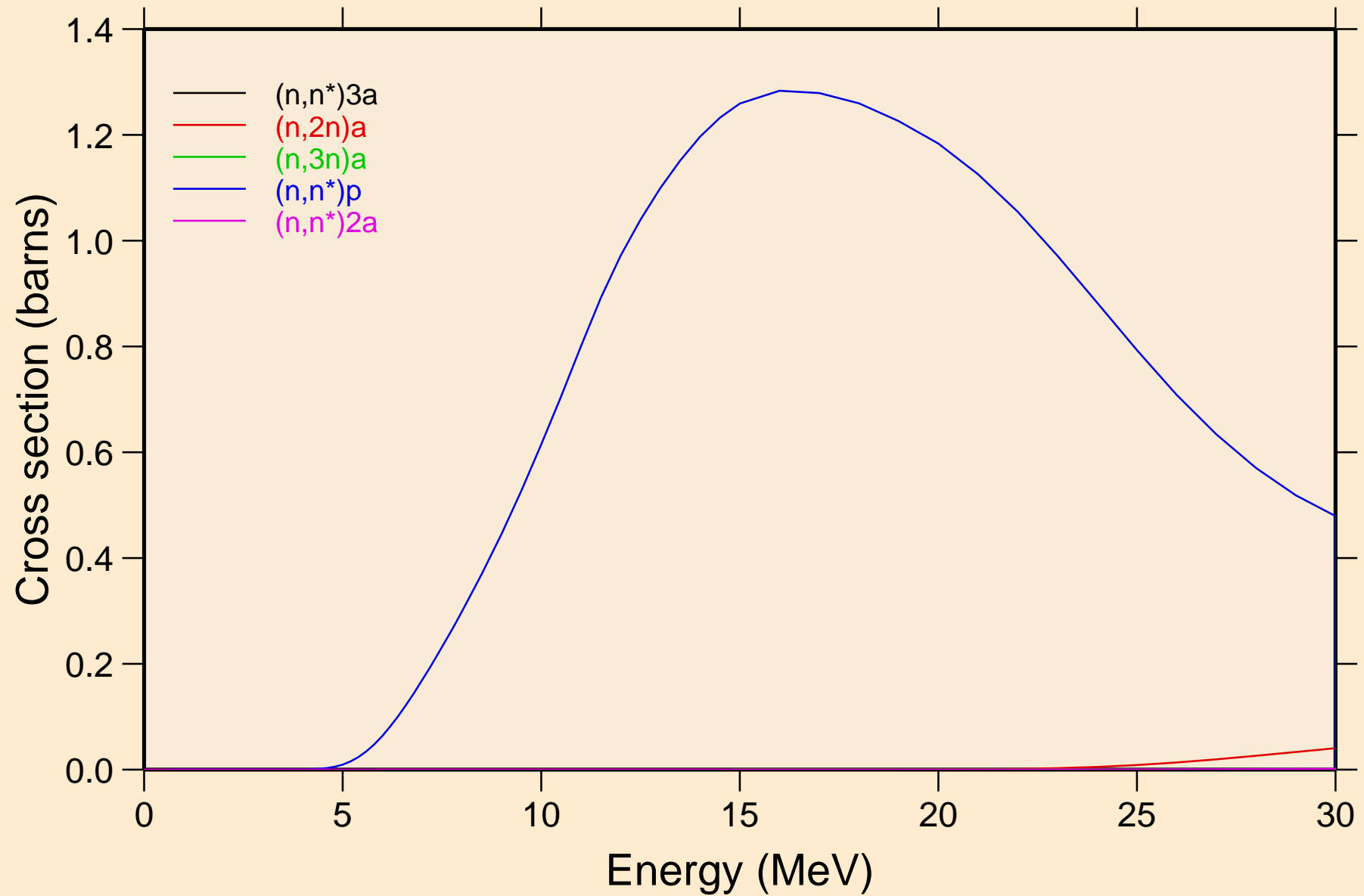
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Inelastic levels



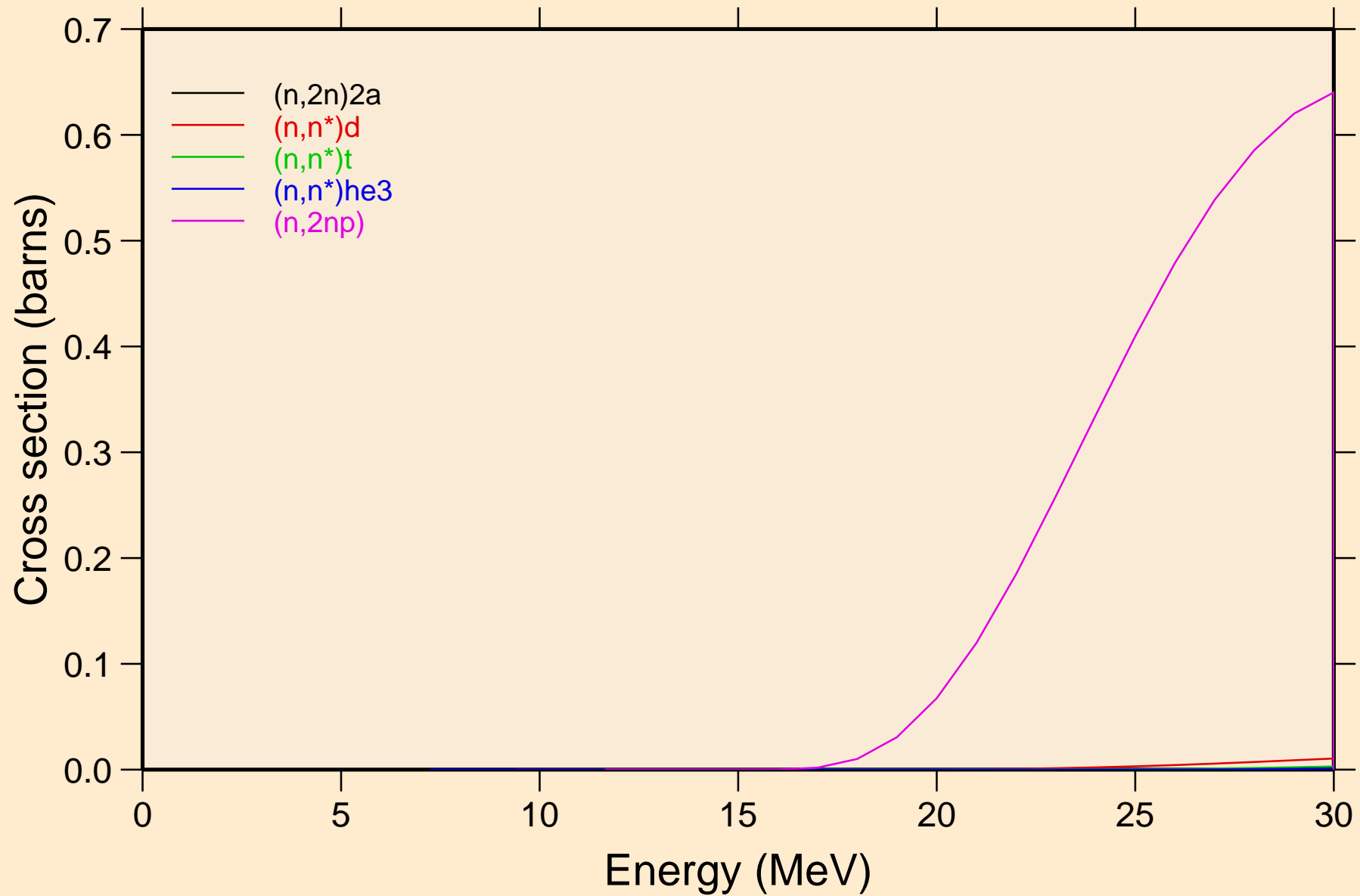
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



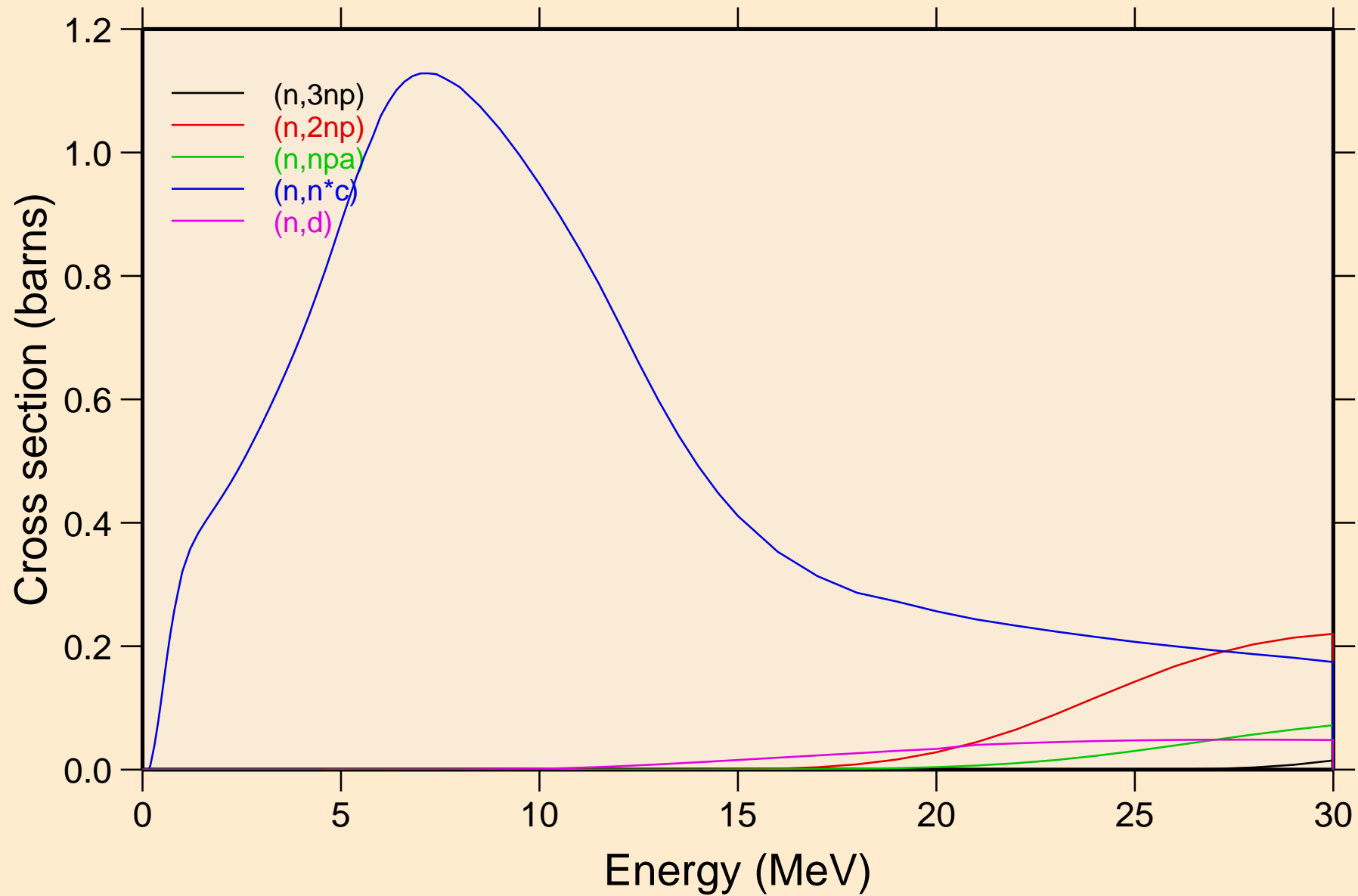
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



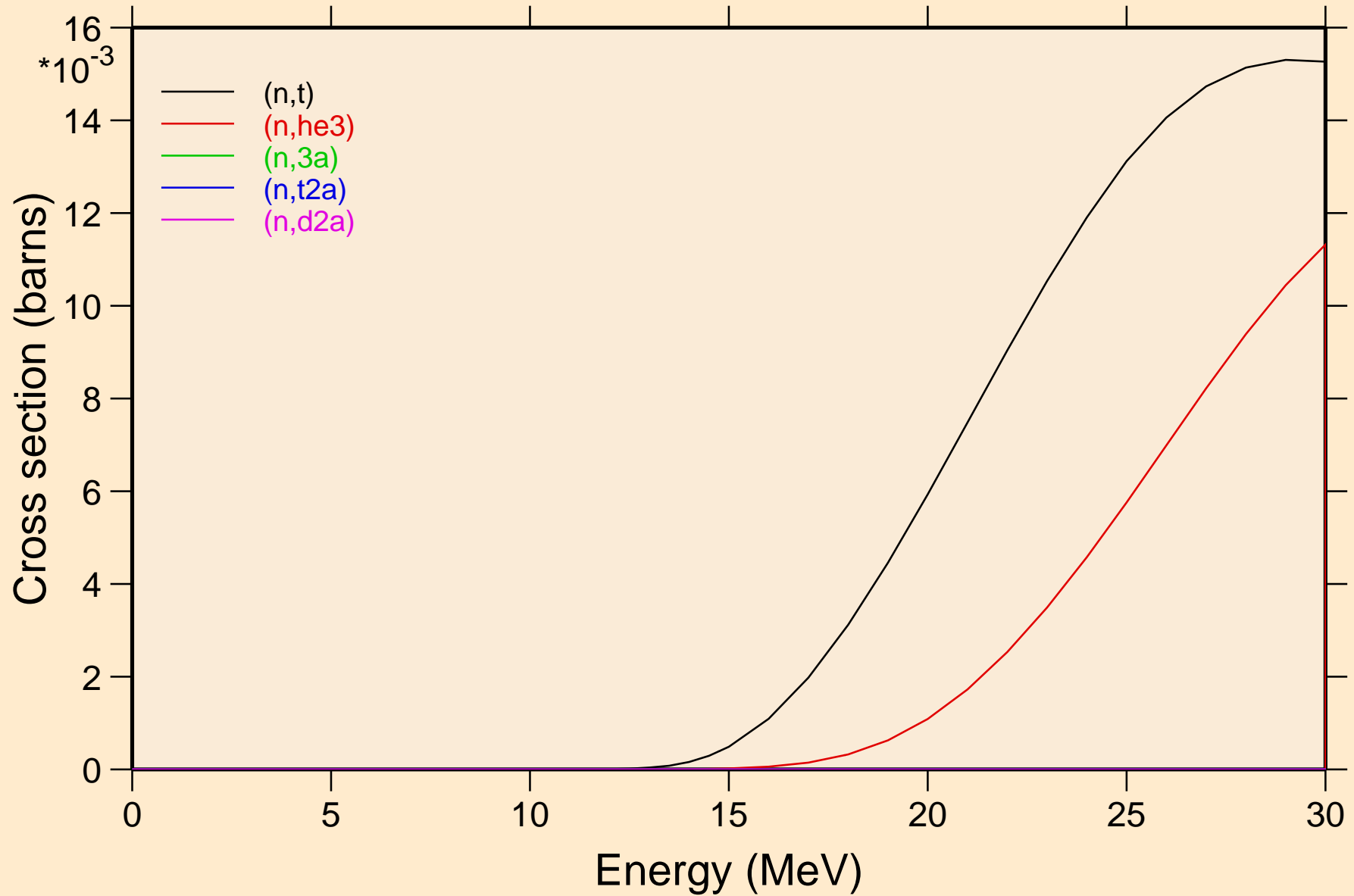
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Threshold reactions



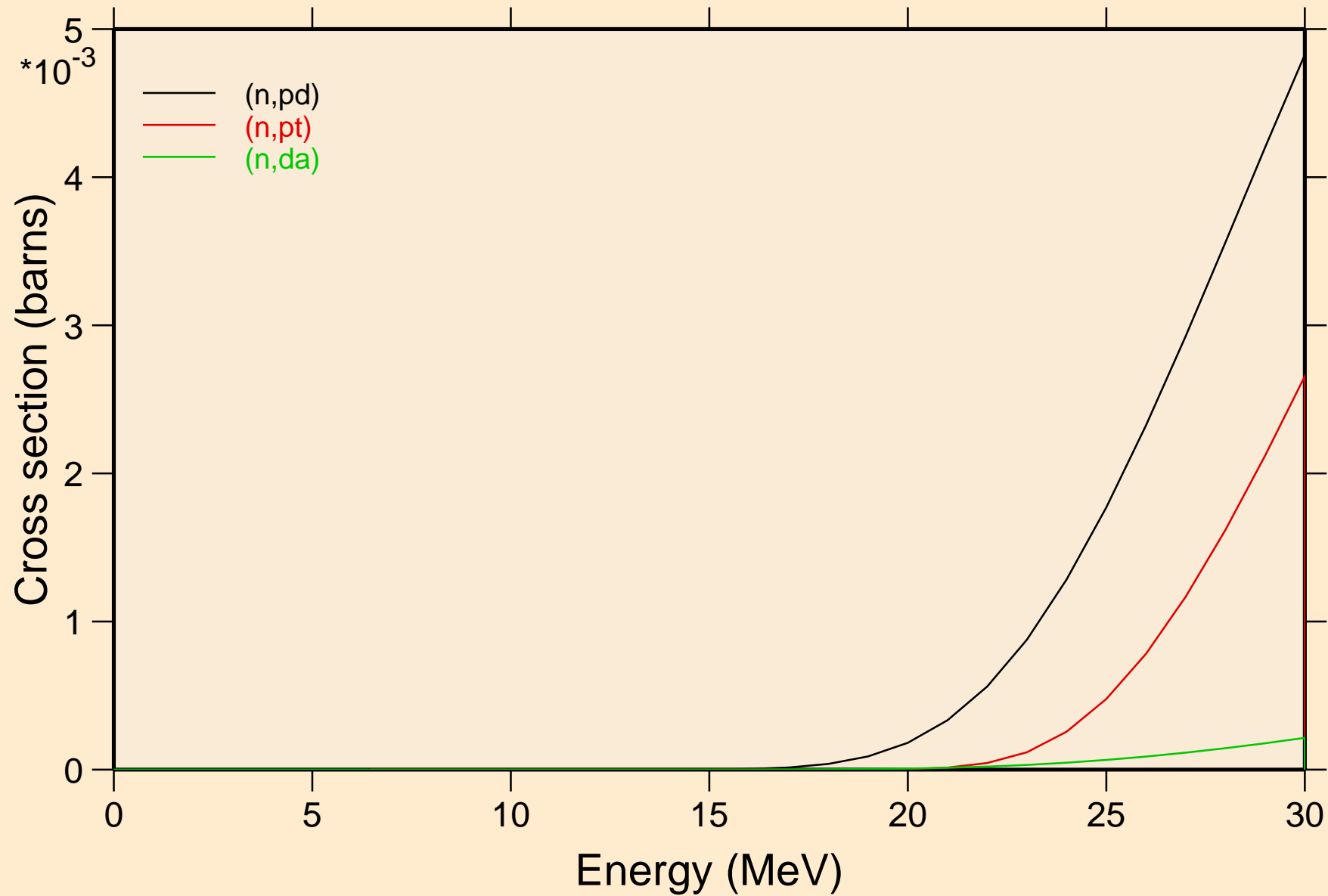
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Threshold reactions



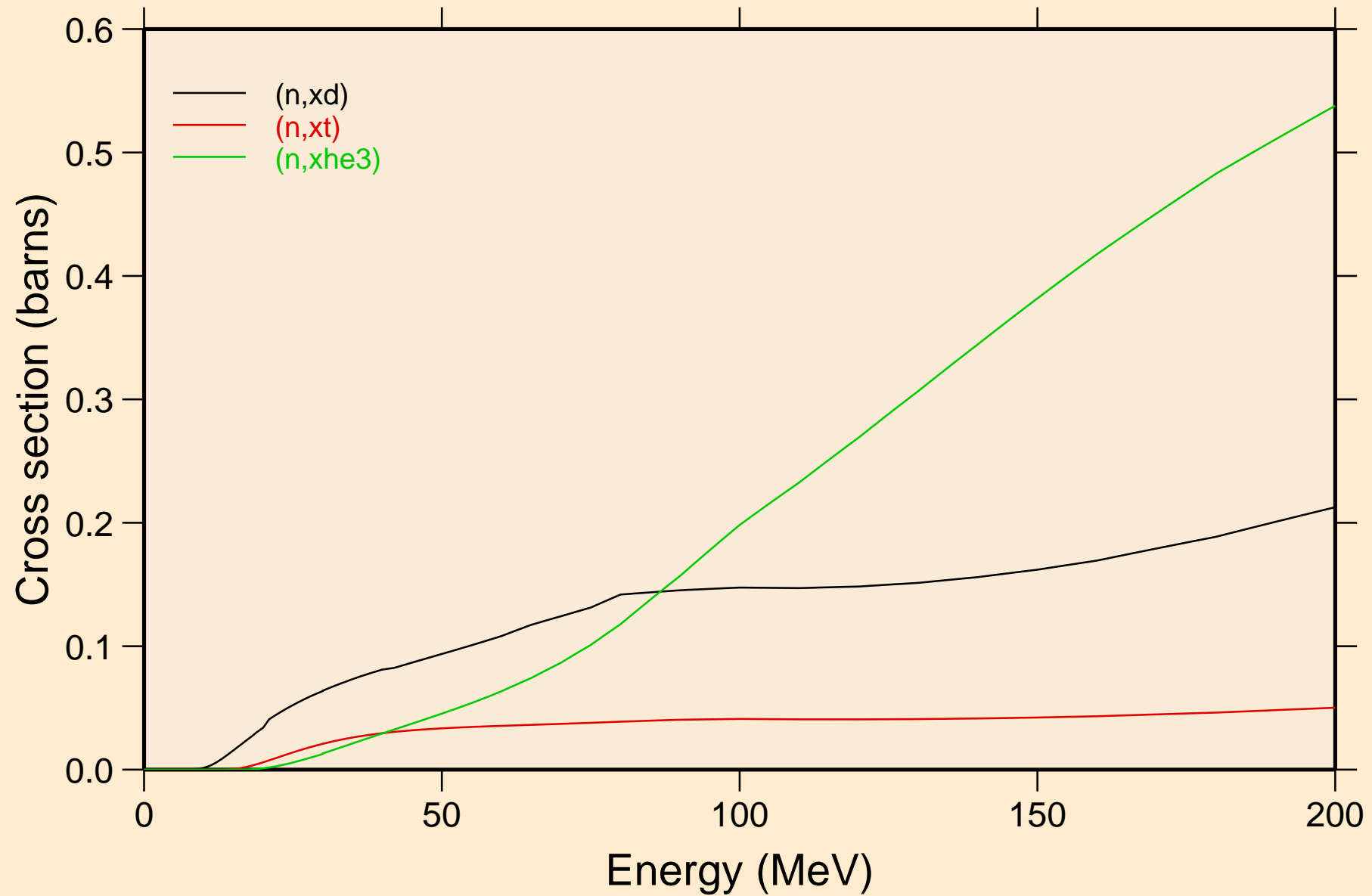
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Threshold reactions



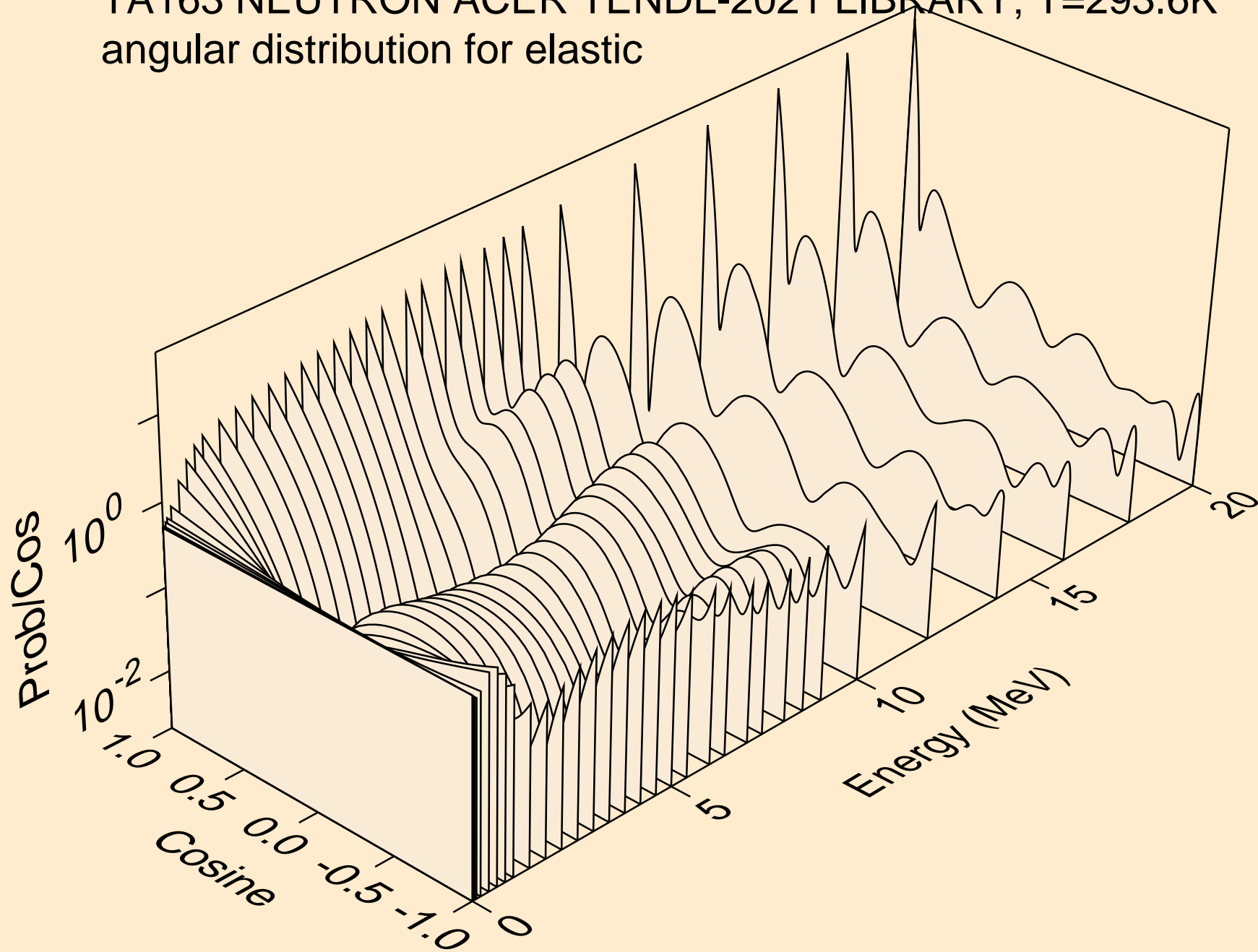
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Threshold reactions



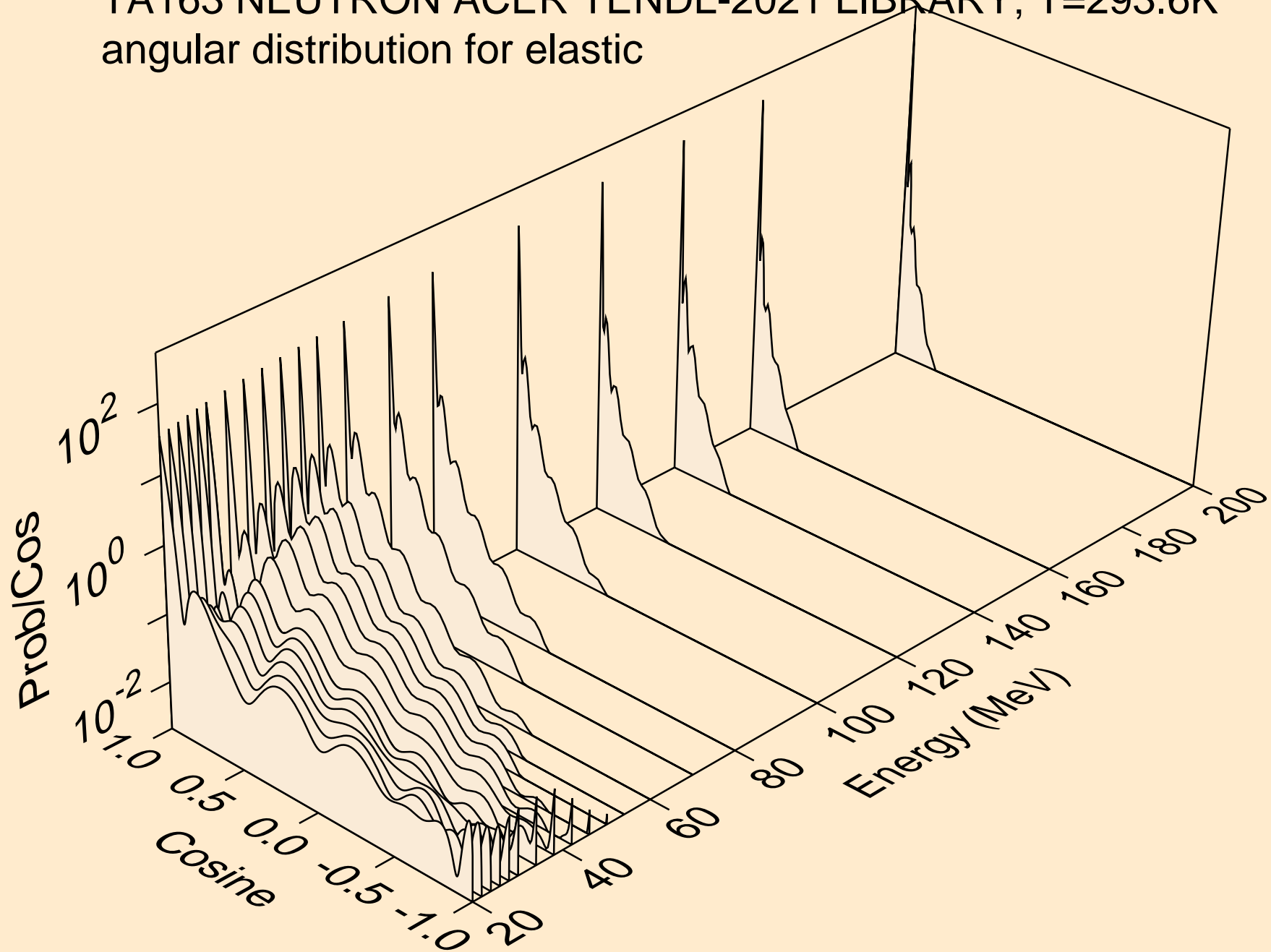
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



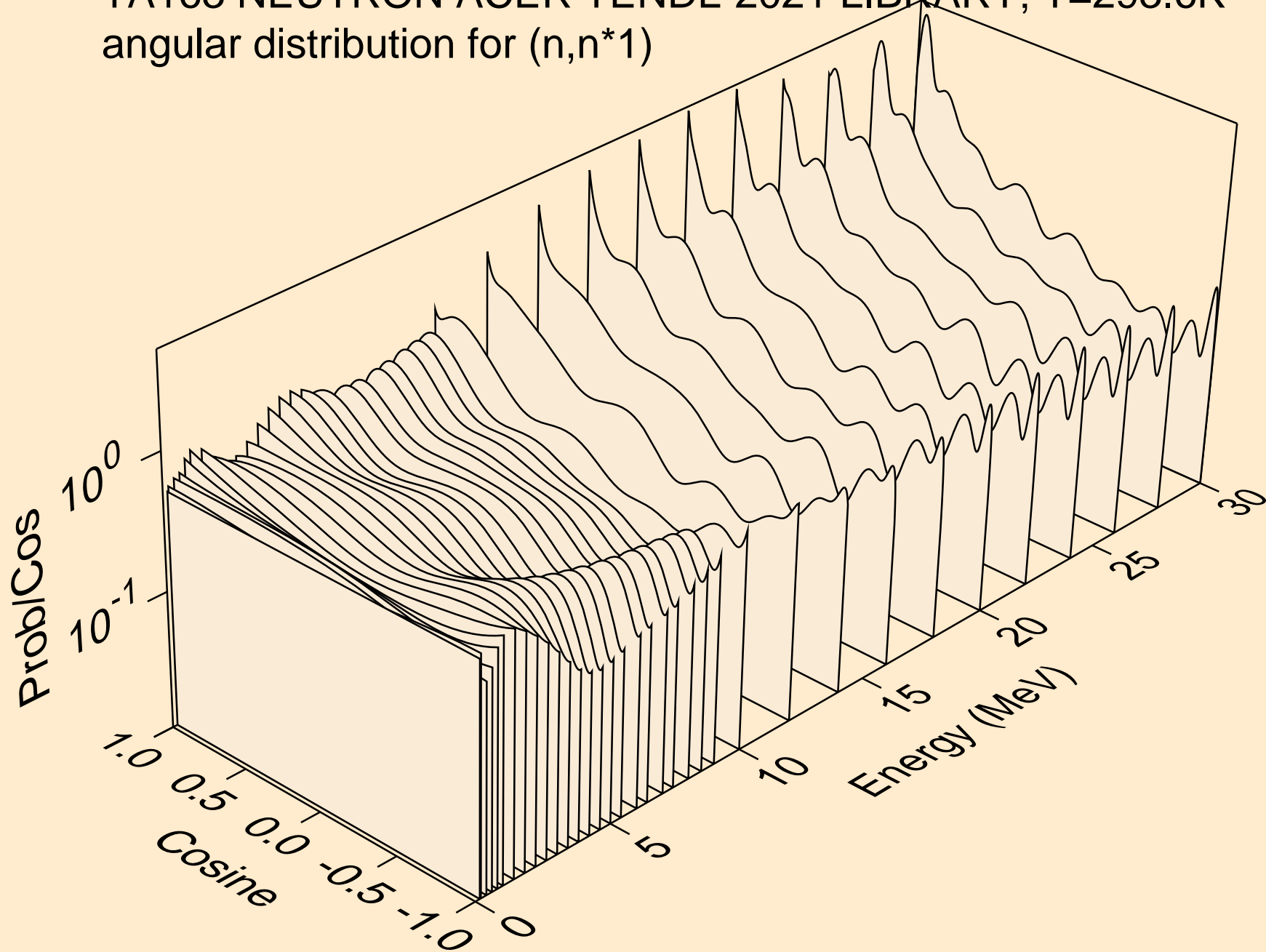
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



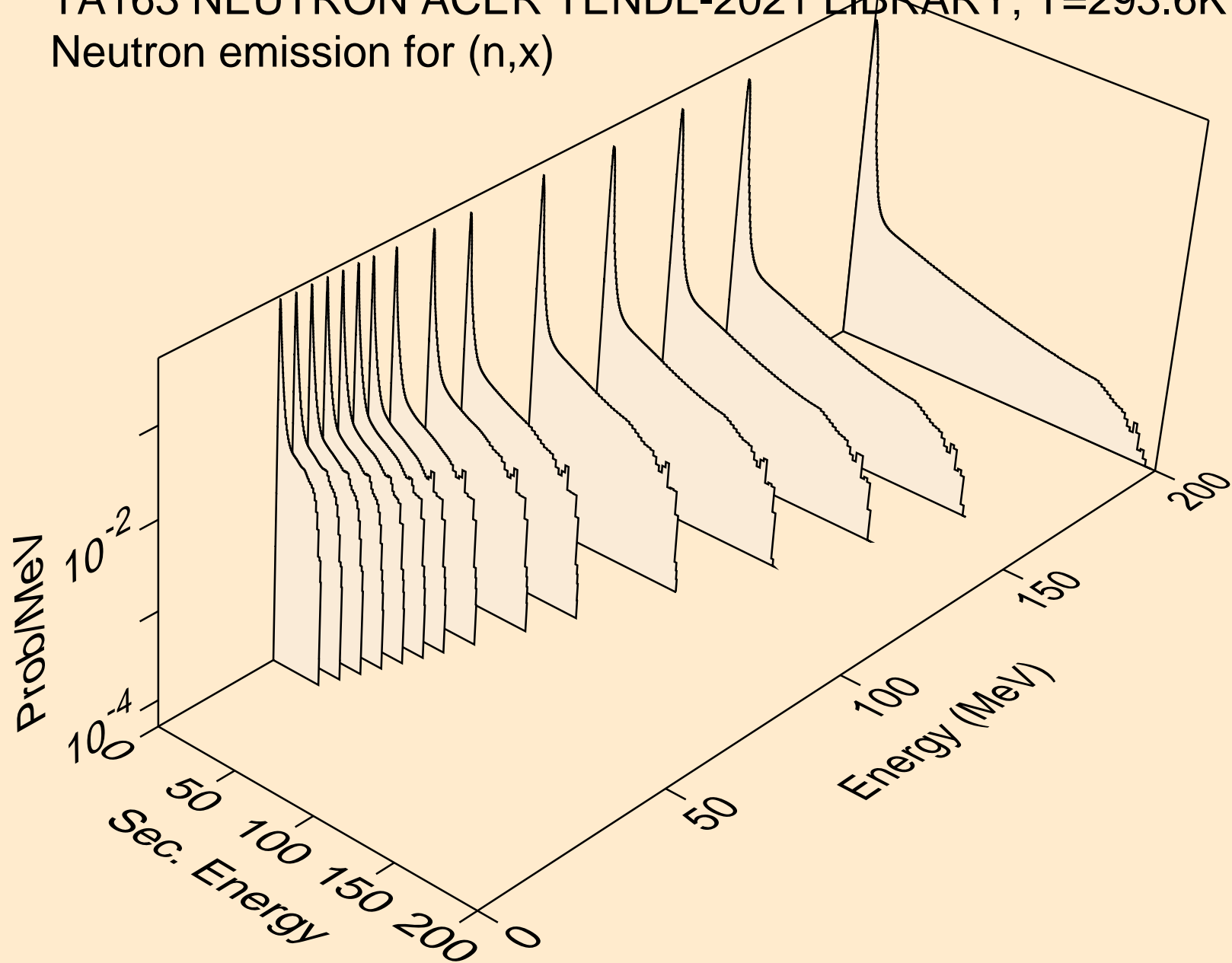
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



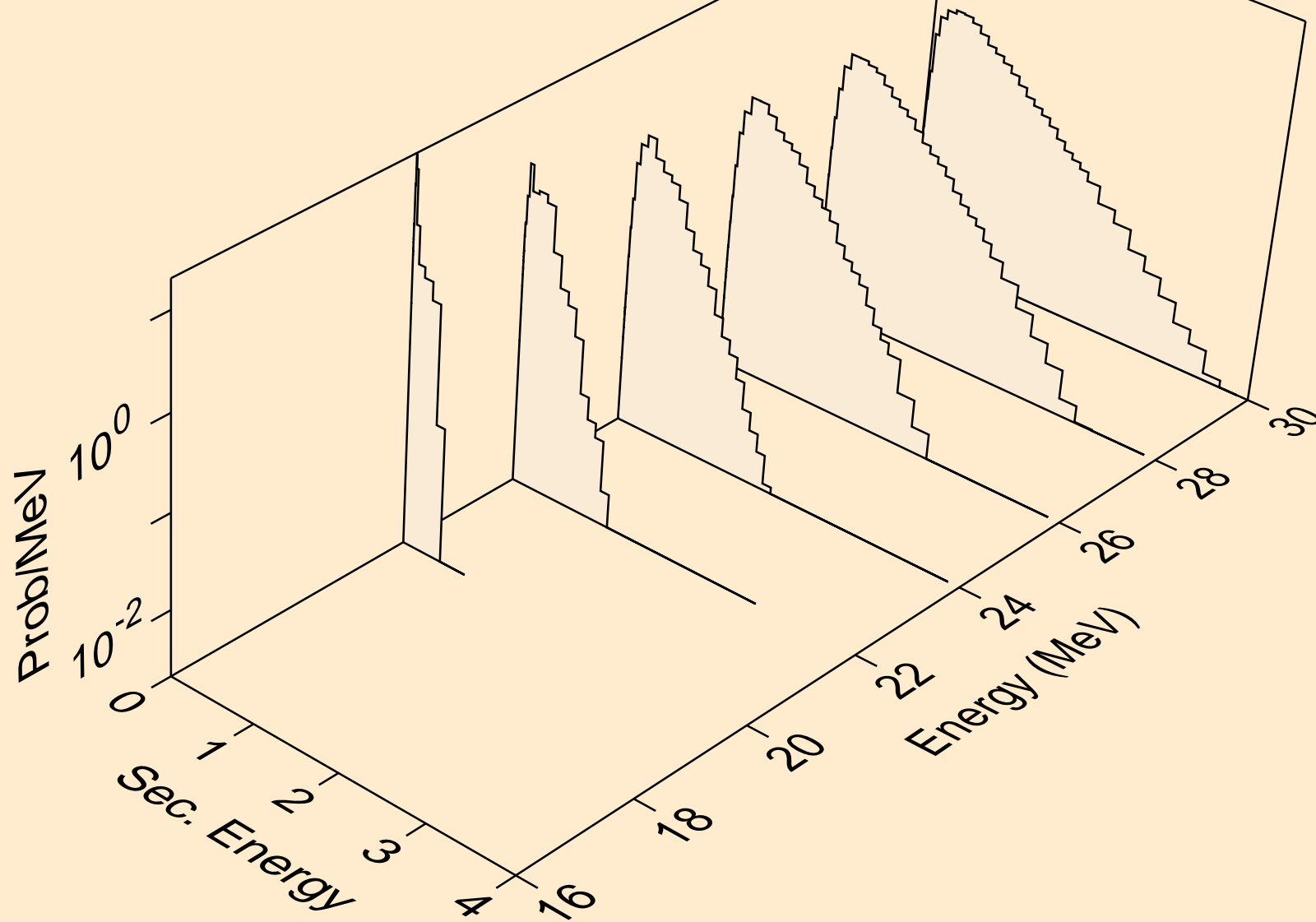
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angular distribution for (n,n*1)



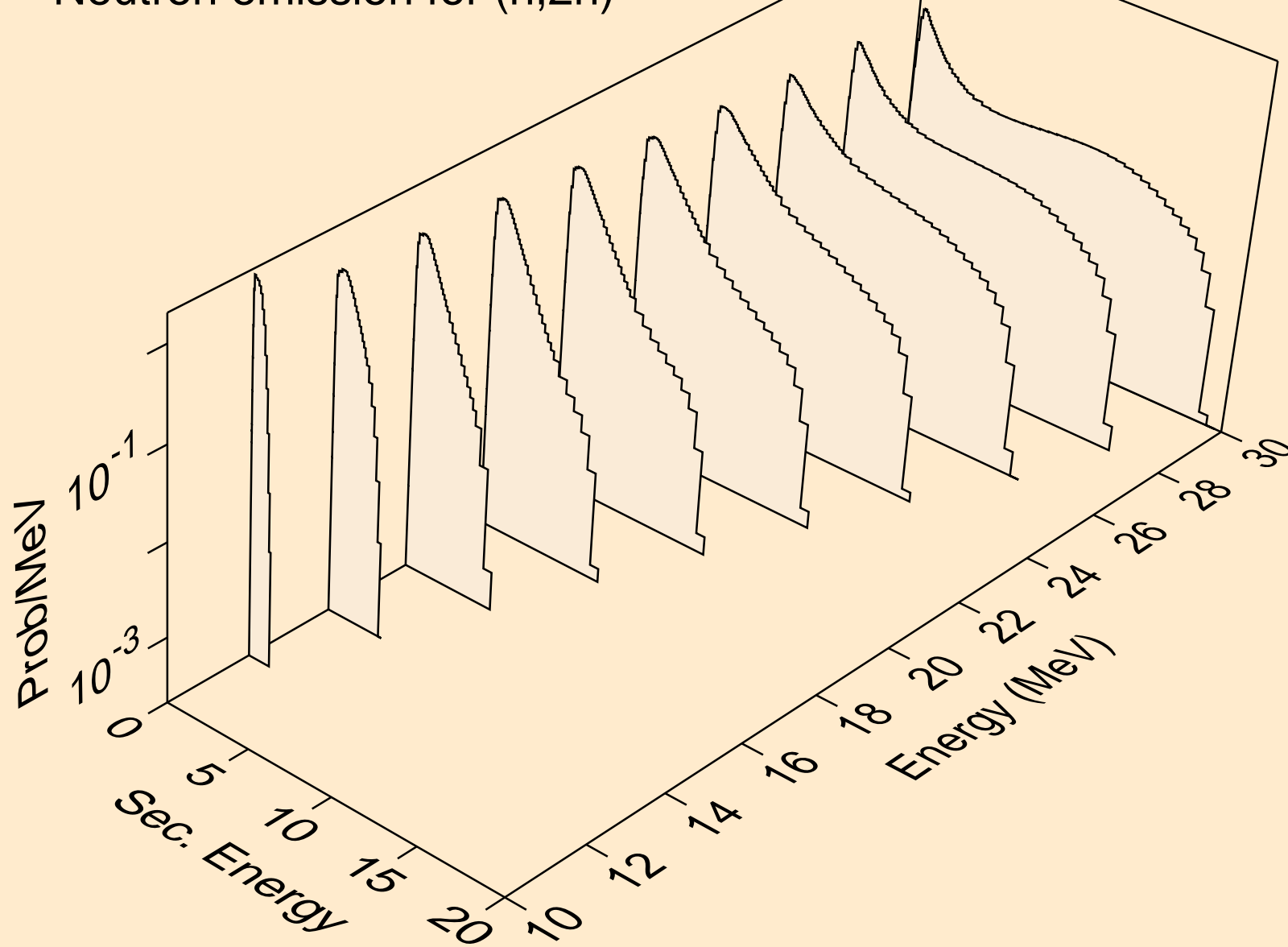
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,x)



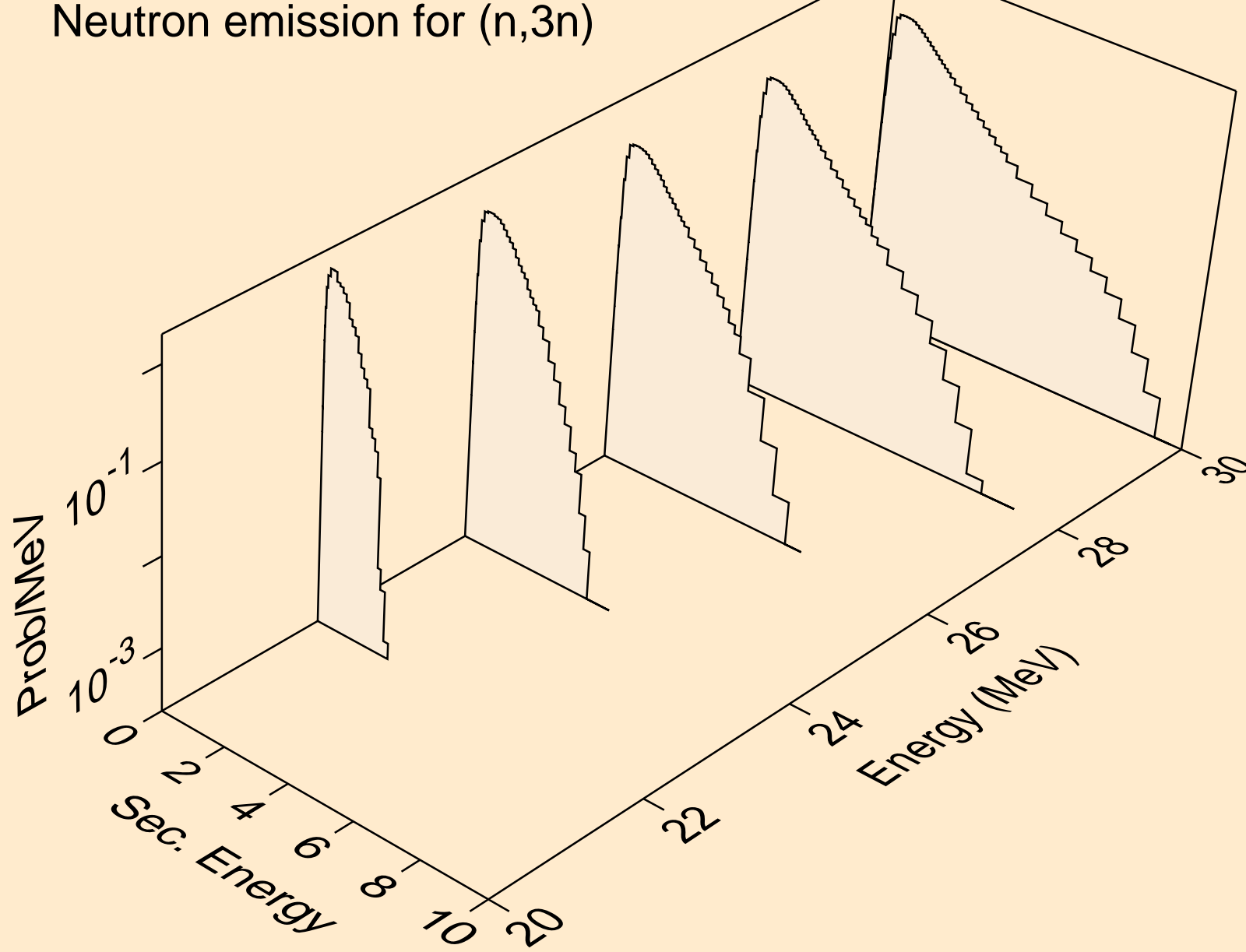
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Neutron emission for (n,2nd)



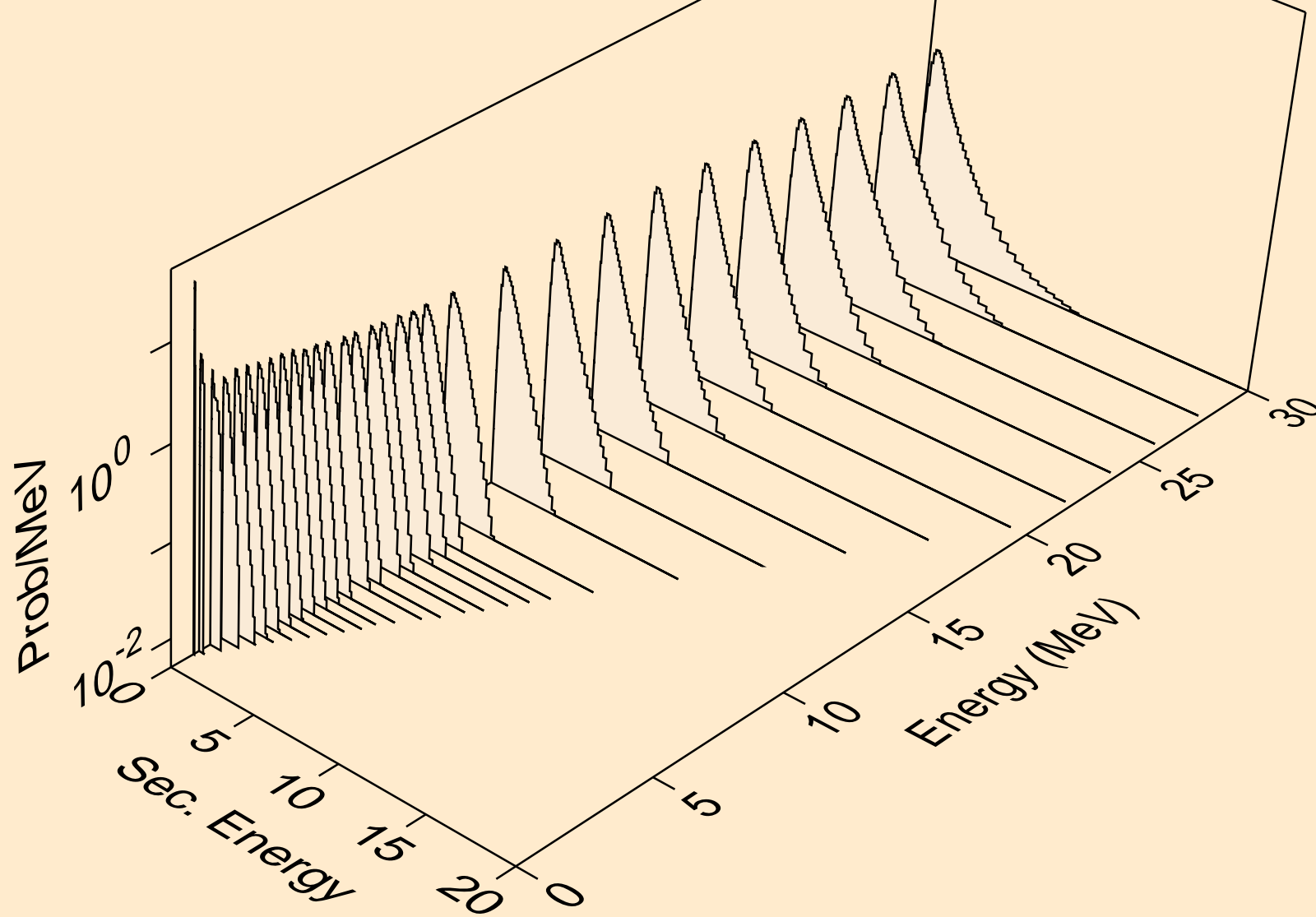
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Neutron emission for (n,2n)



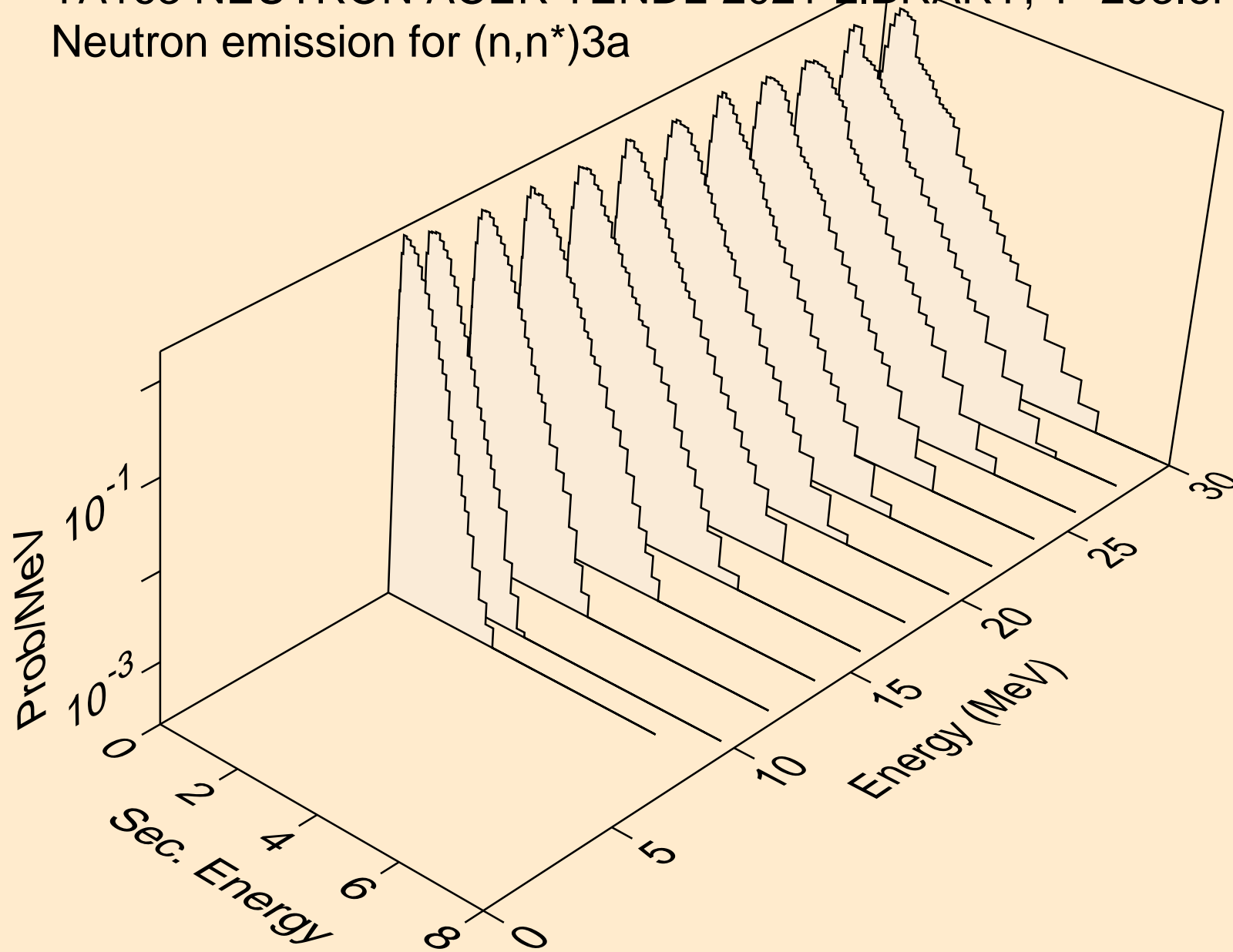
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Neutron emission for (n,3n)



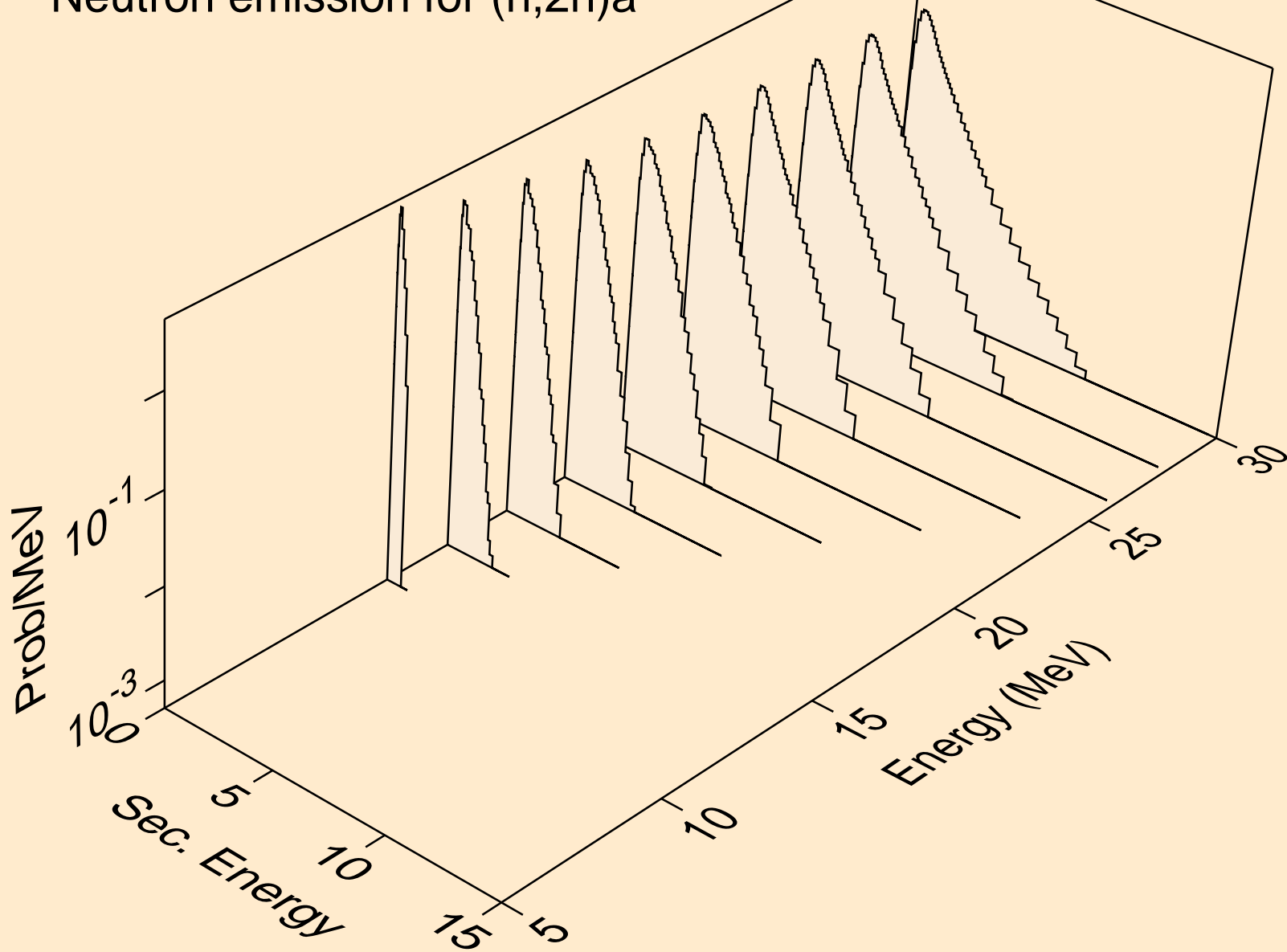
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Neutron emission for (n,n*)a



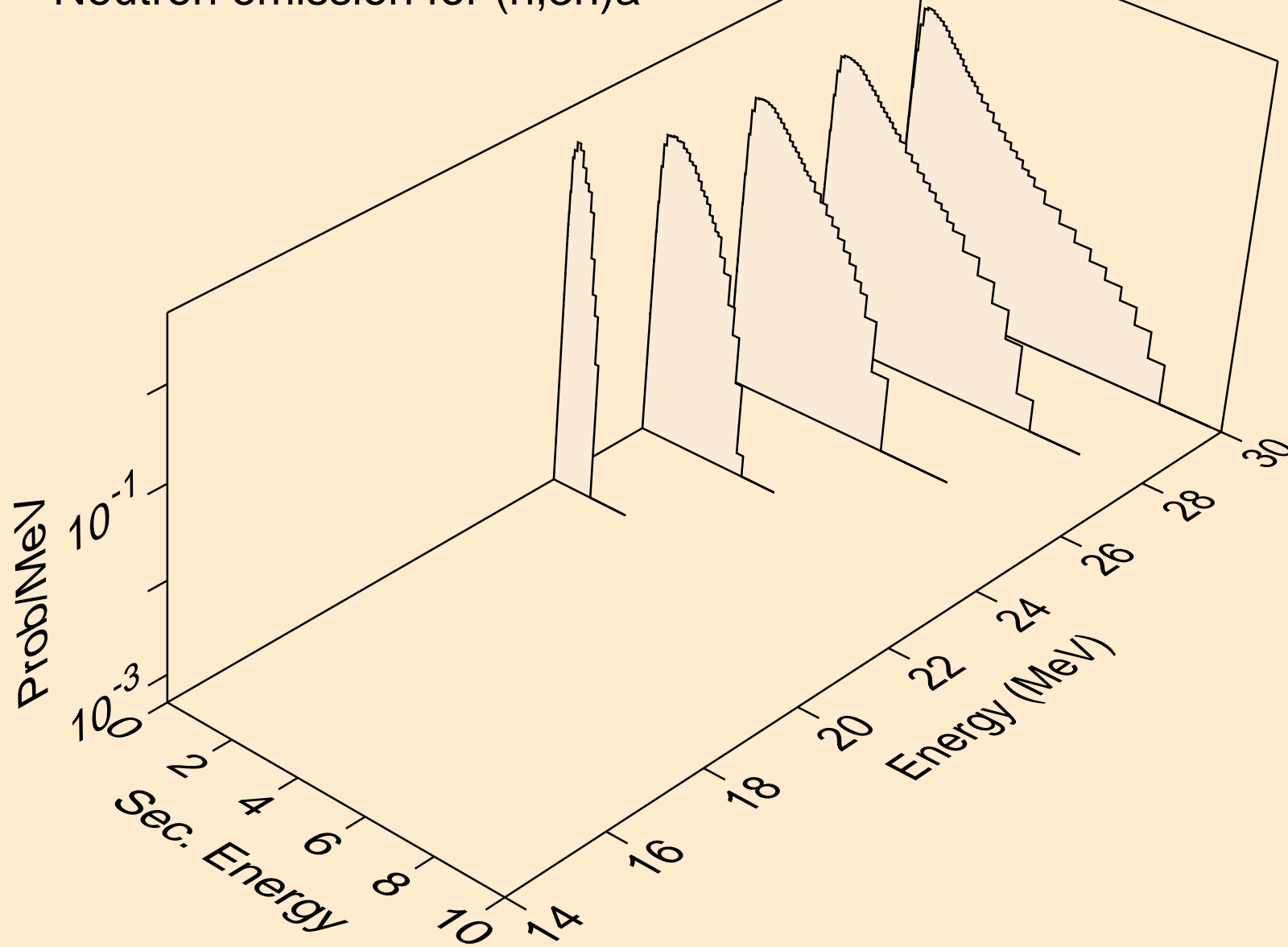
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Neutron emission for (n,n*)3a



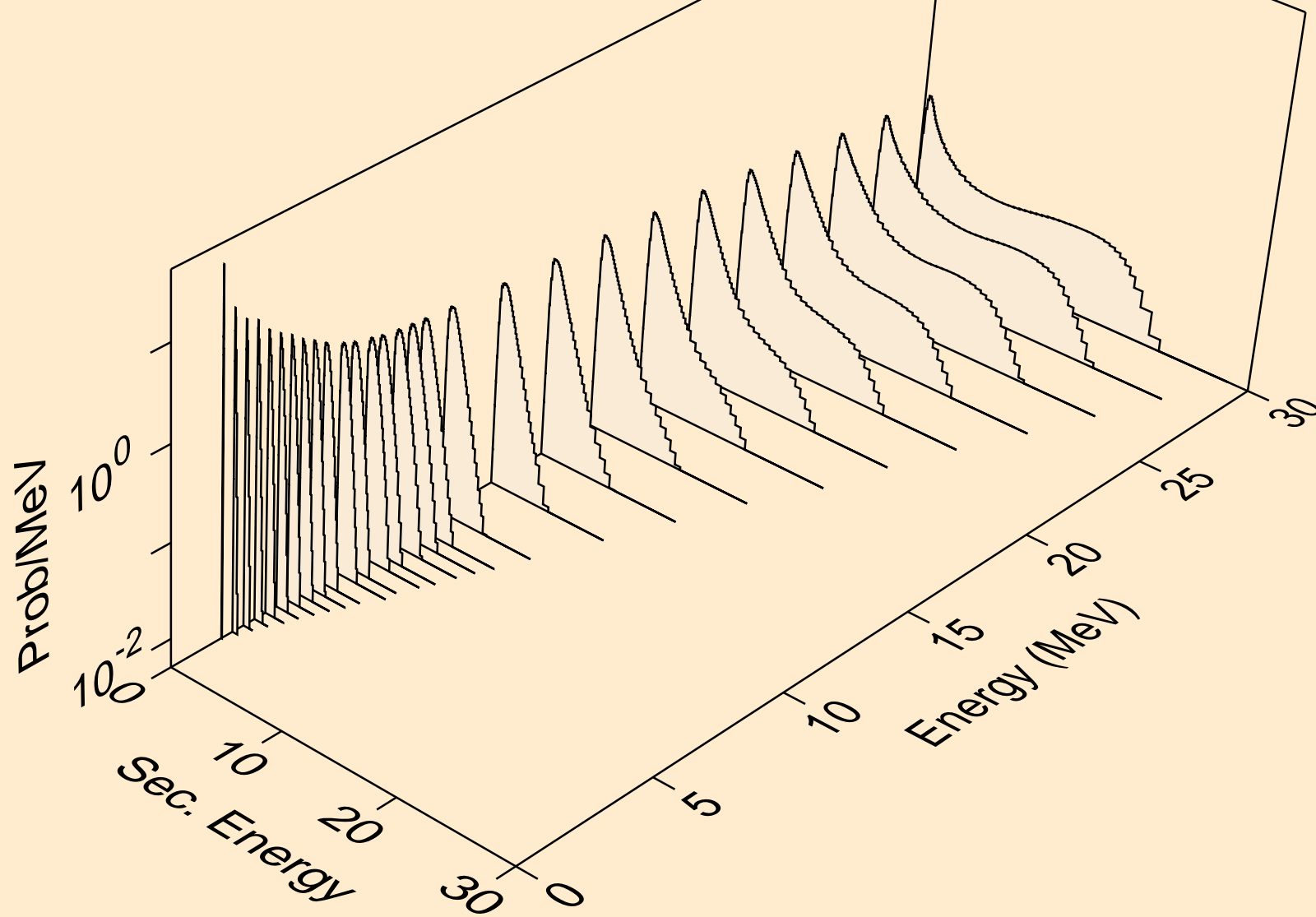
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Neutron emission for (n,2n)_a



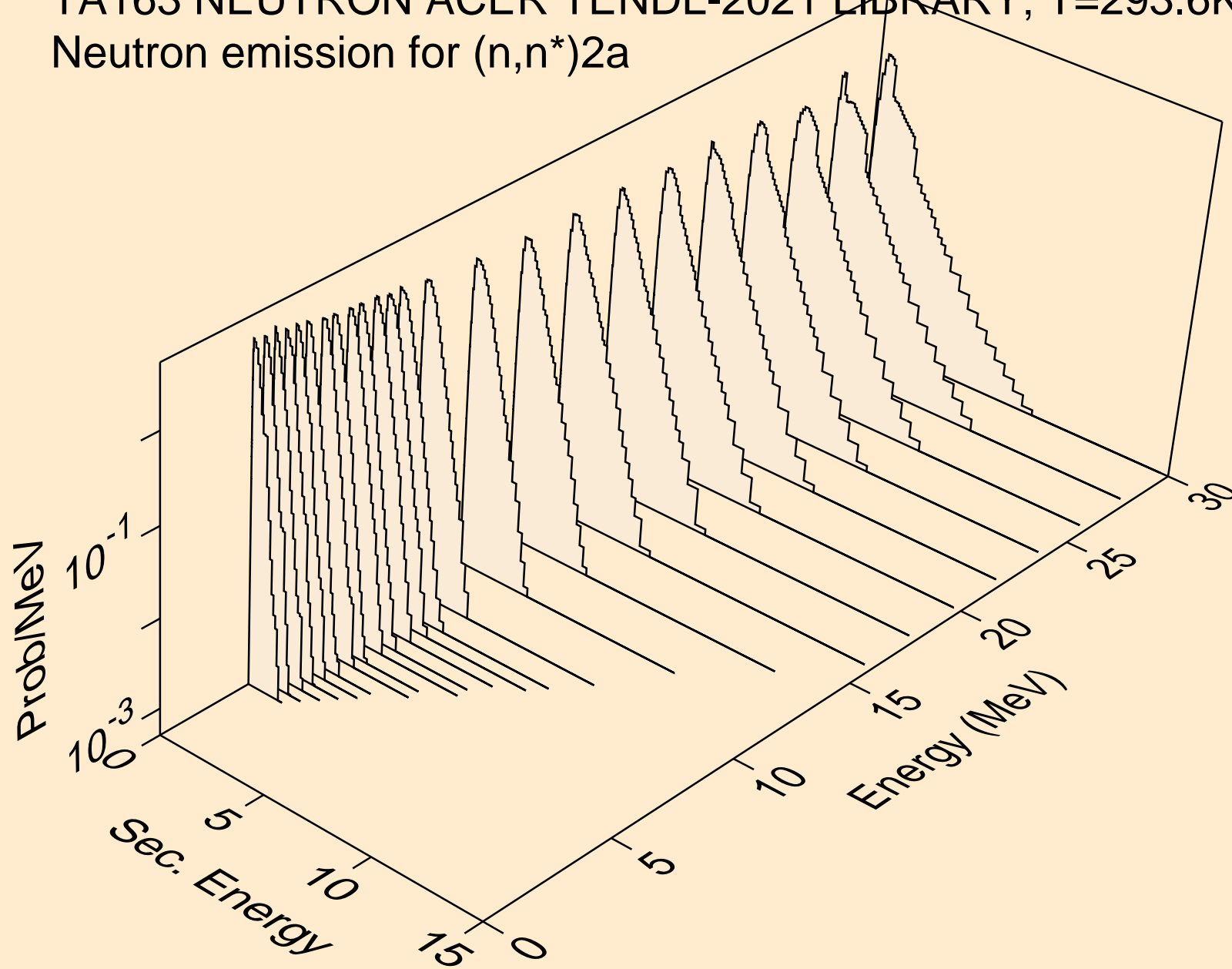
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Neutron emission for (n,3n)a



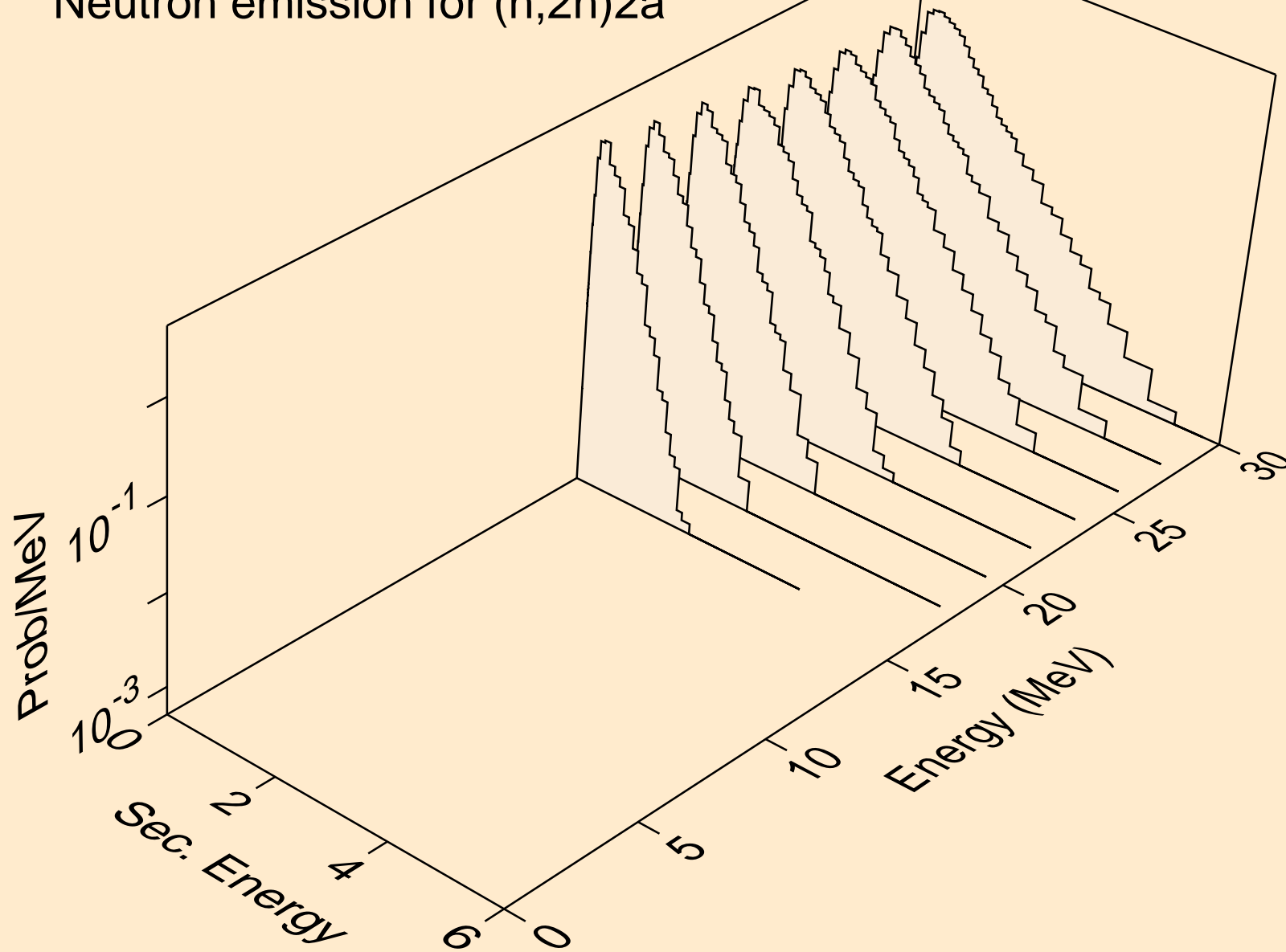
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Neutron emission for (n,n*)p



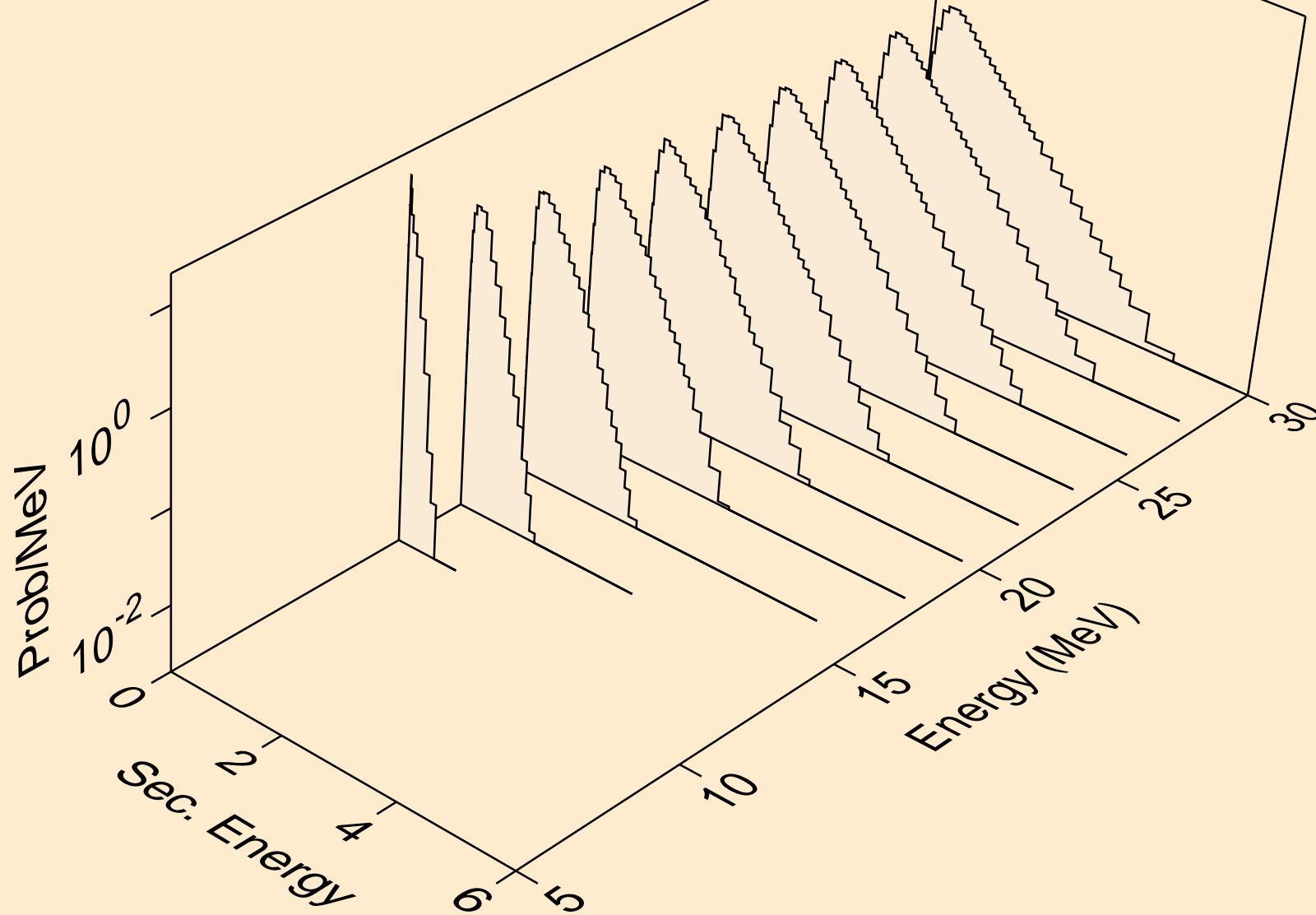
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Neutron emission for (n,n*)2a



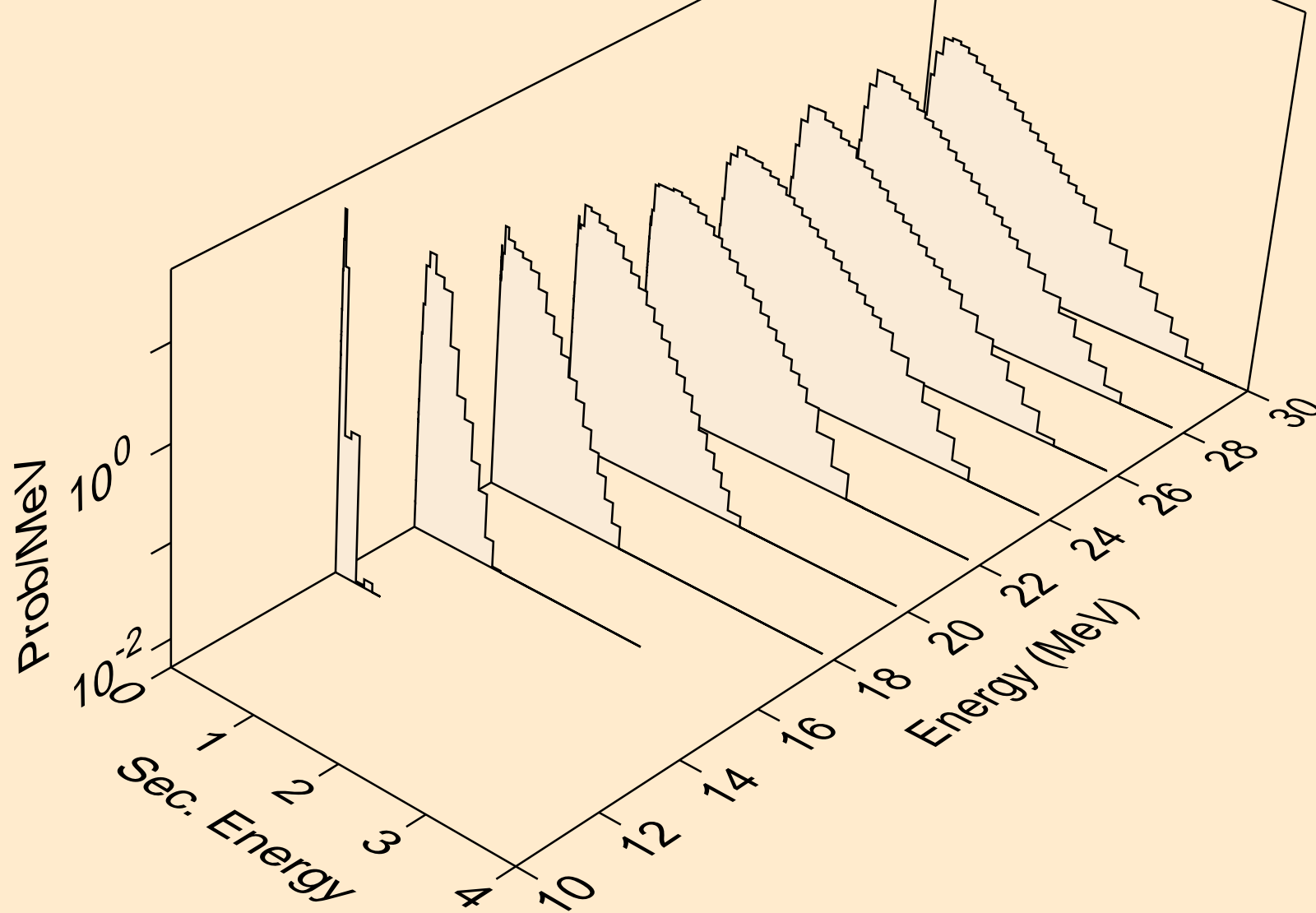
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Neutron emission for (n,2n)2a



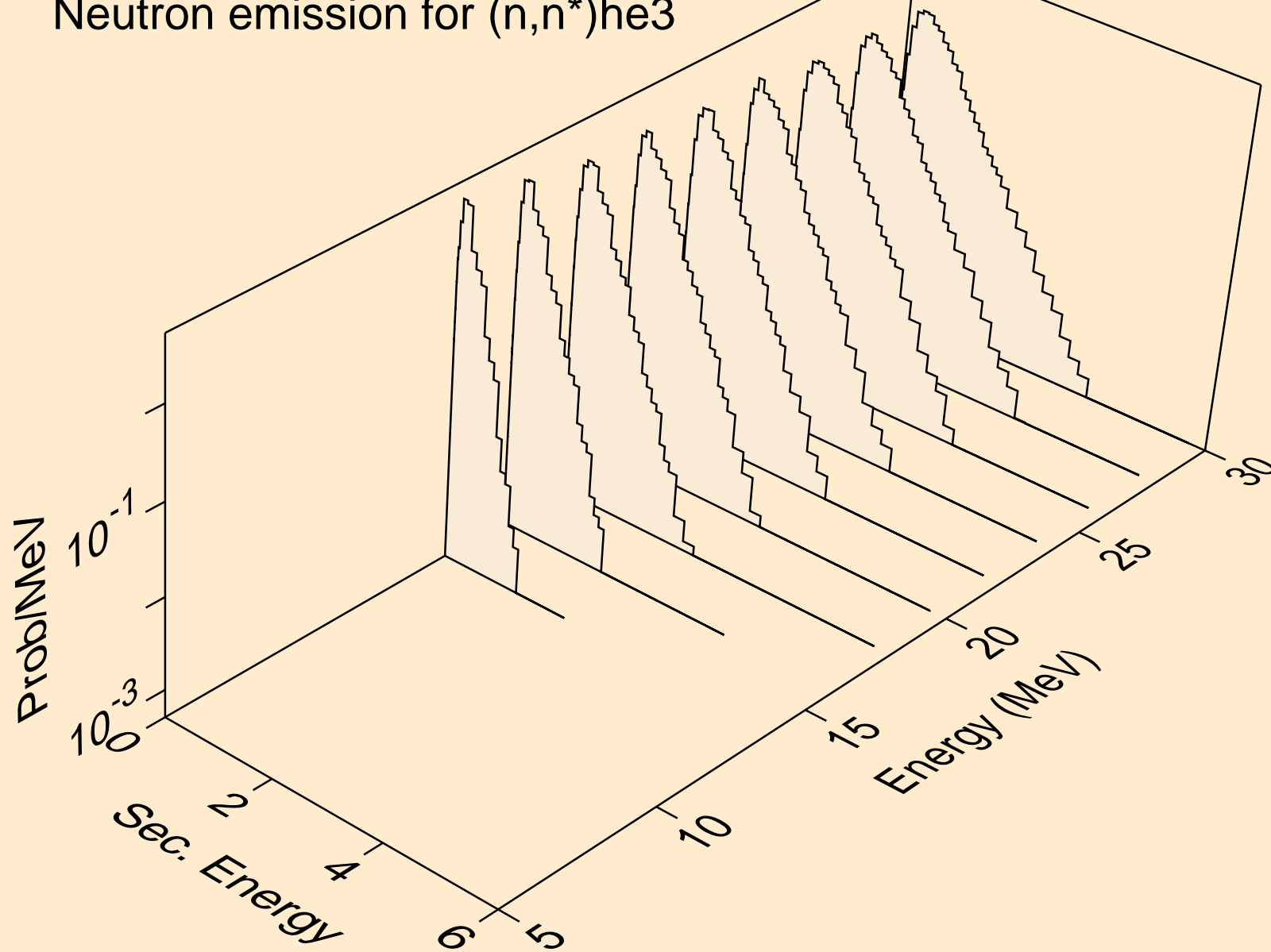
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



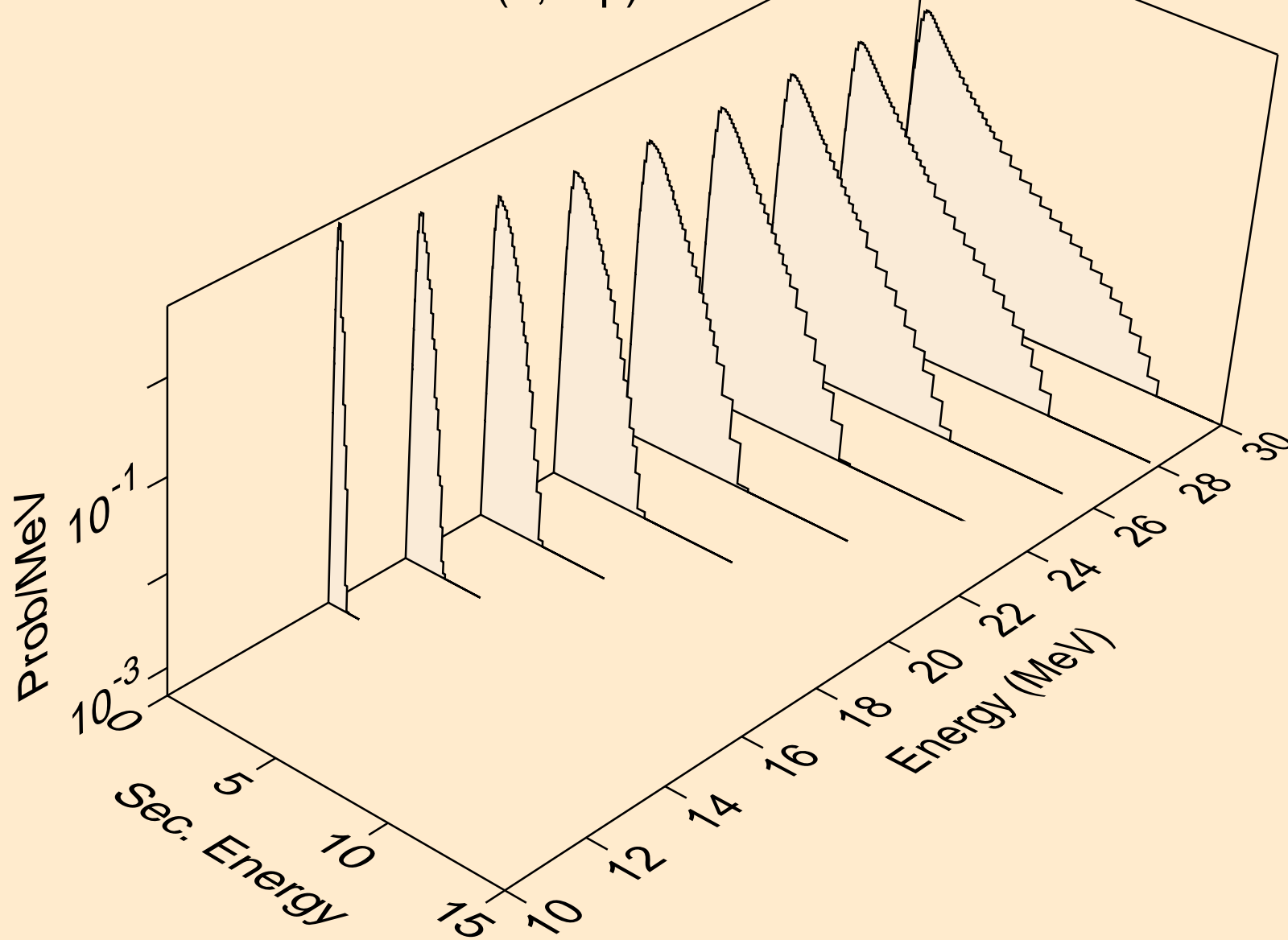
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



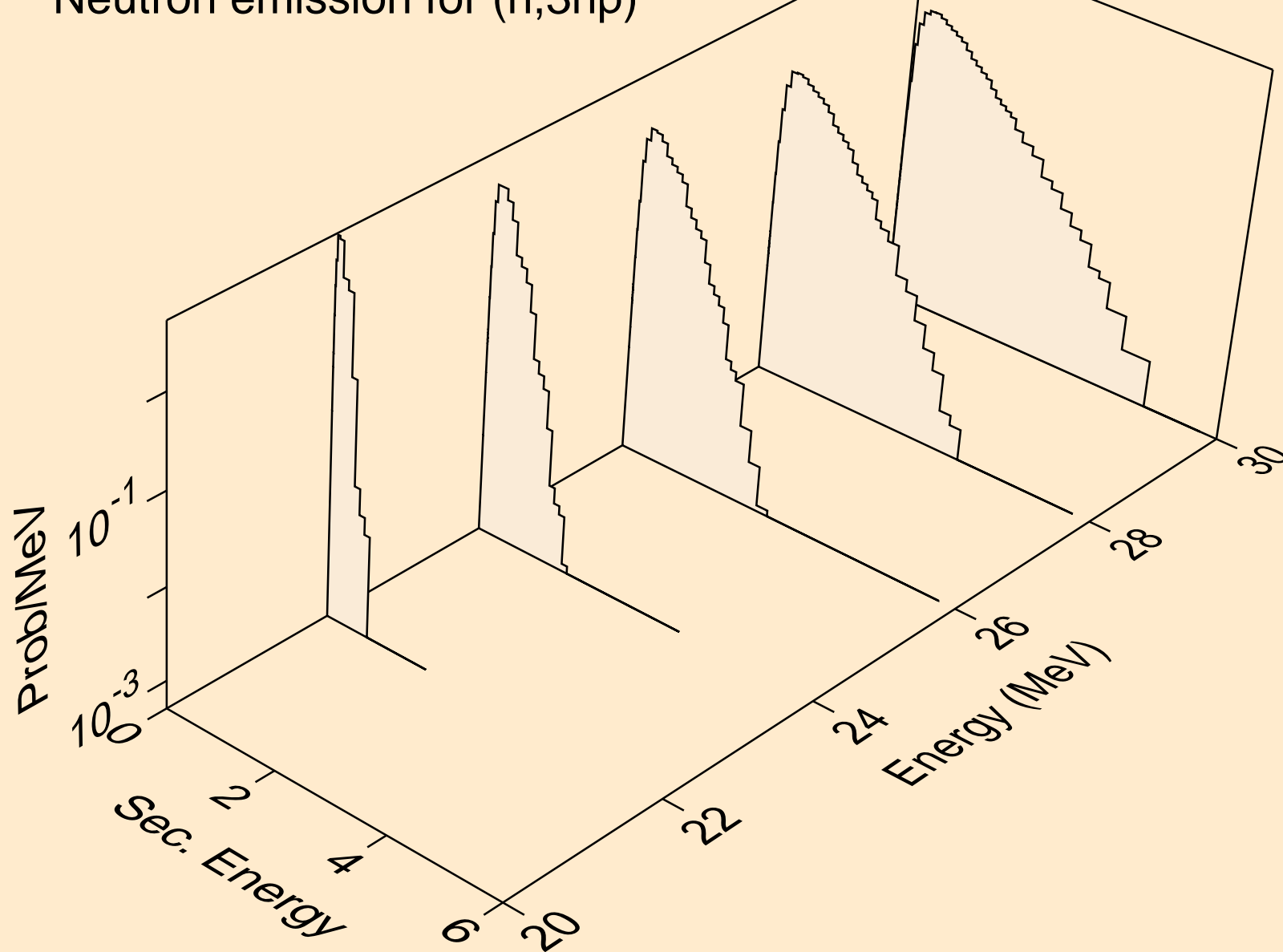
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



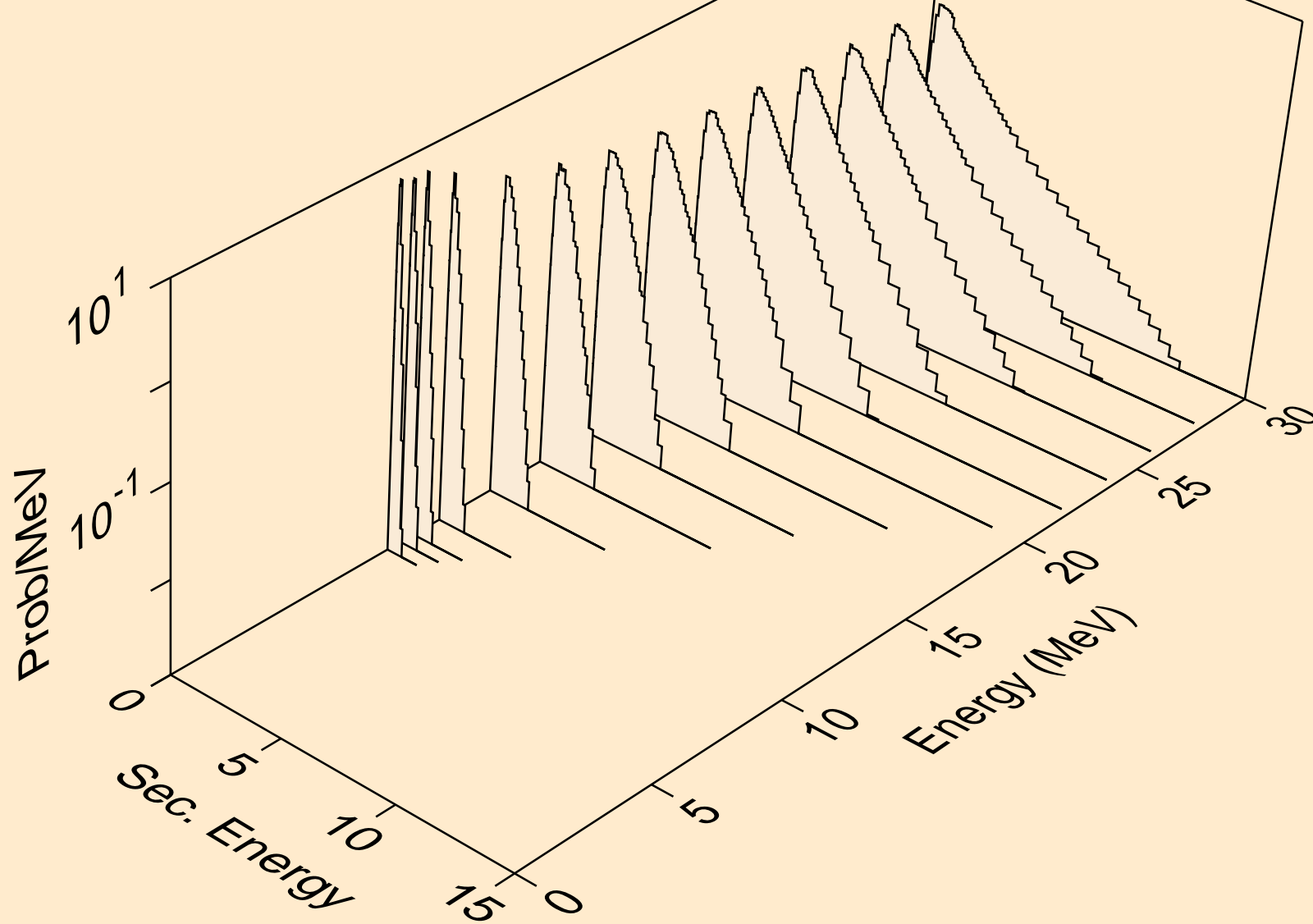
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



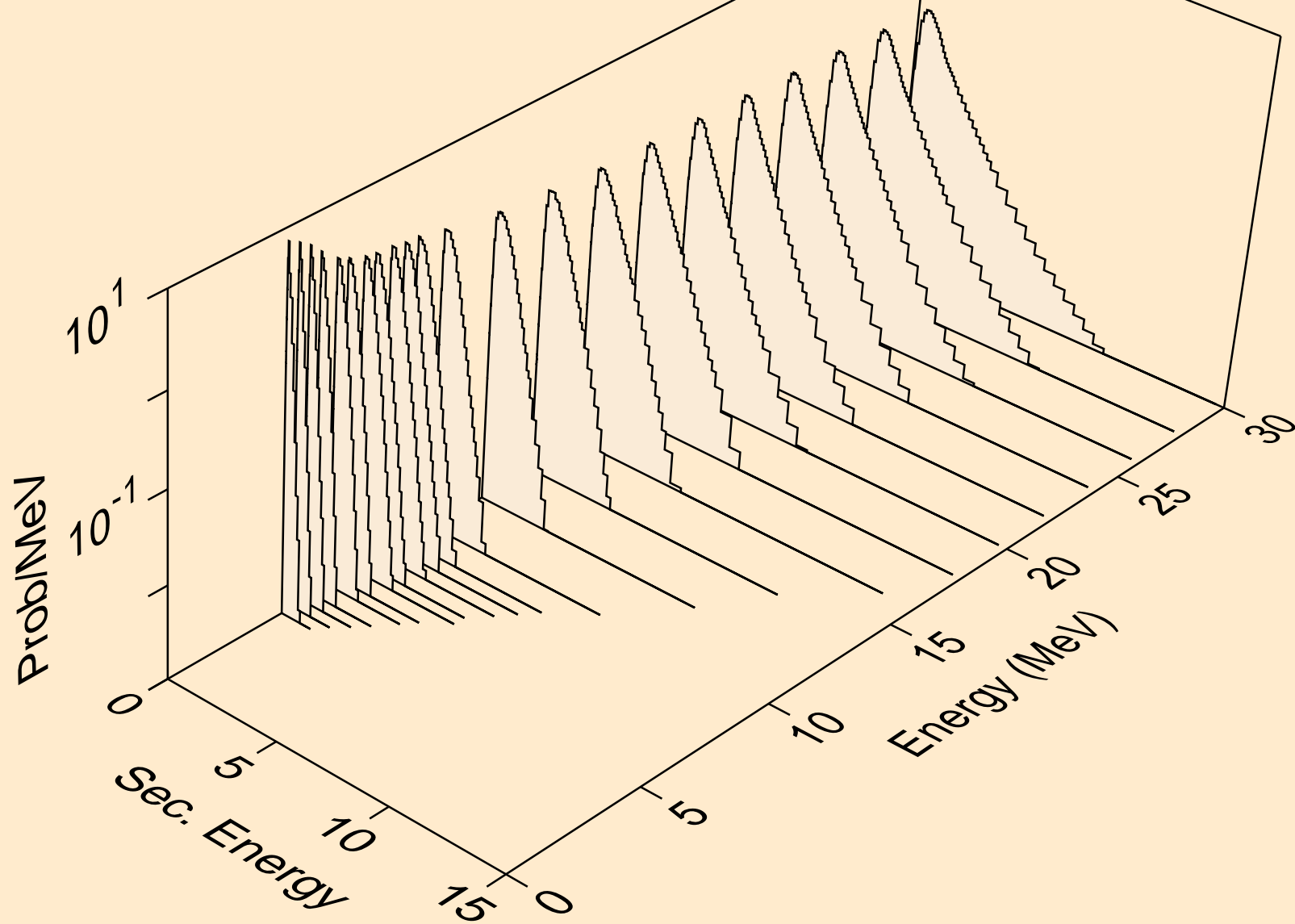
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3np)



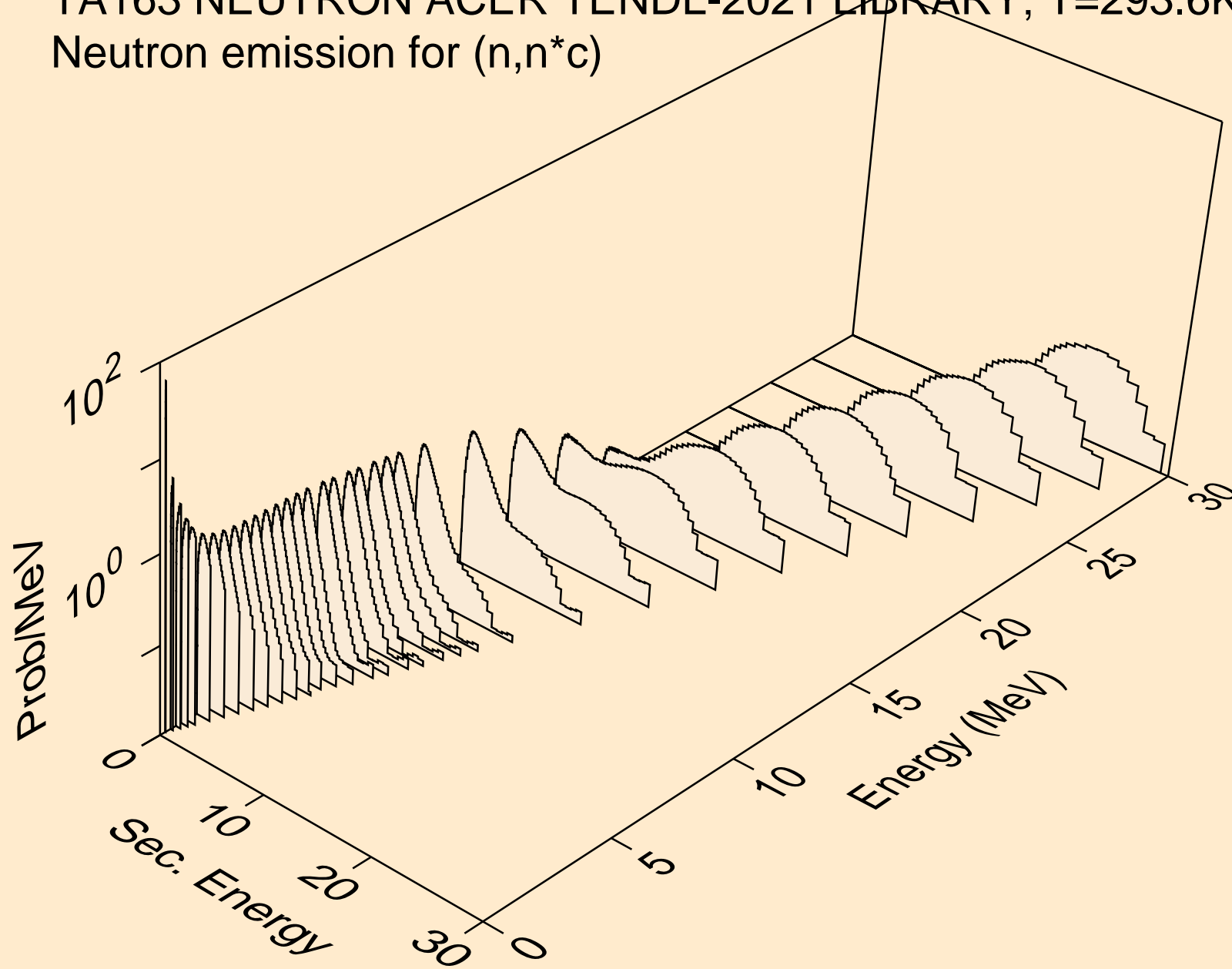
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Neutron emission for (n,2np)



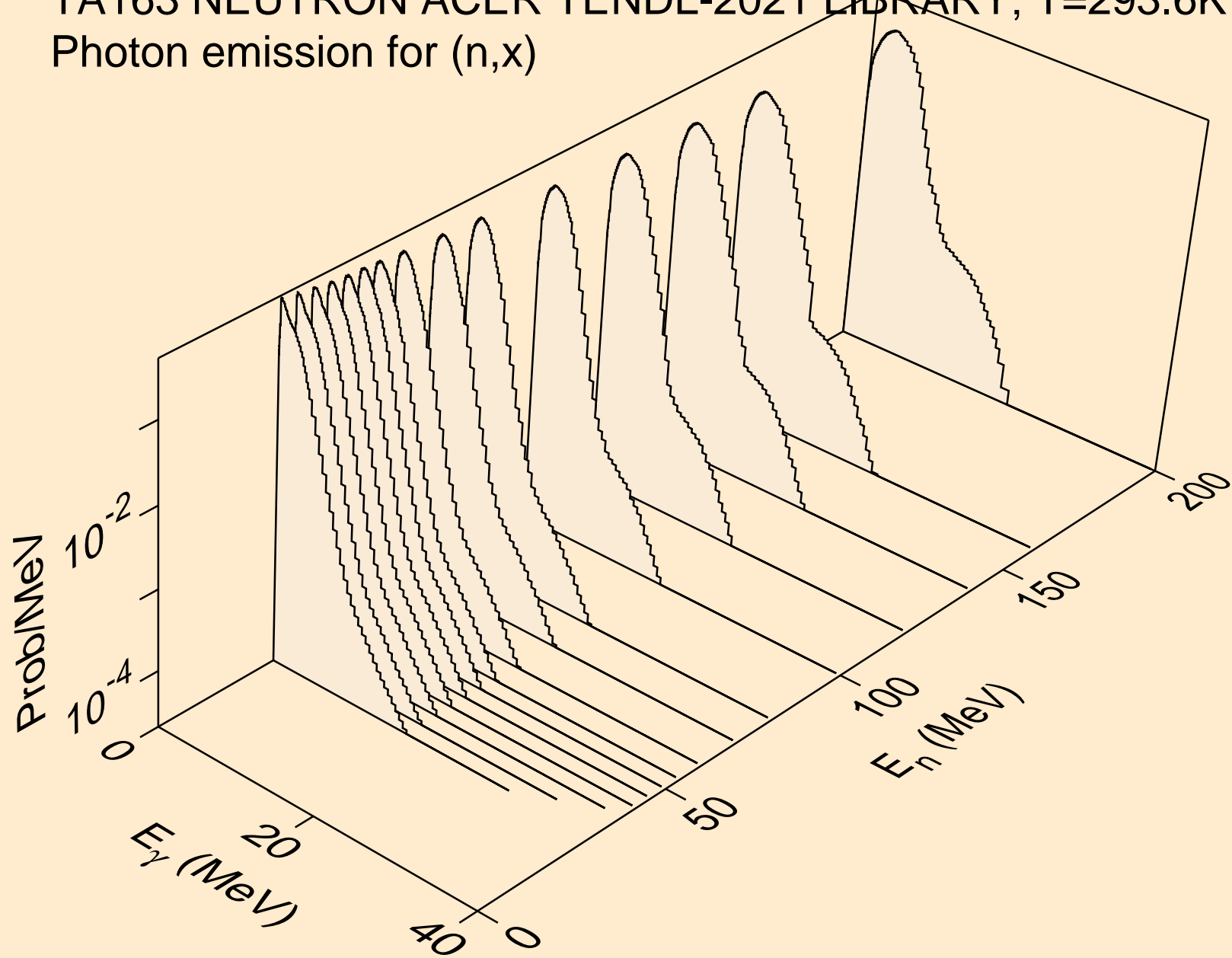
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,npa)



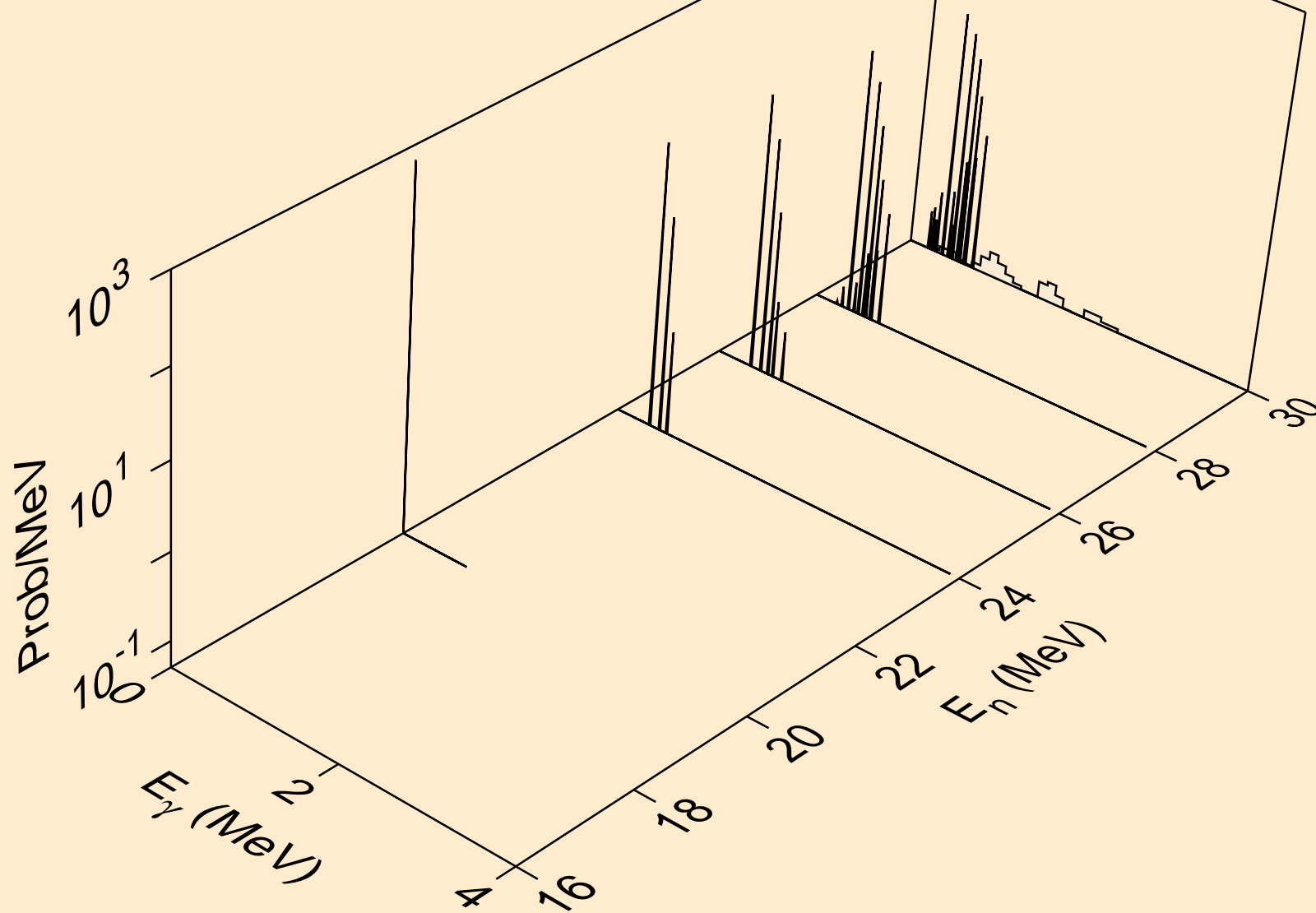
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



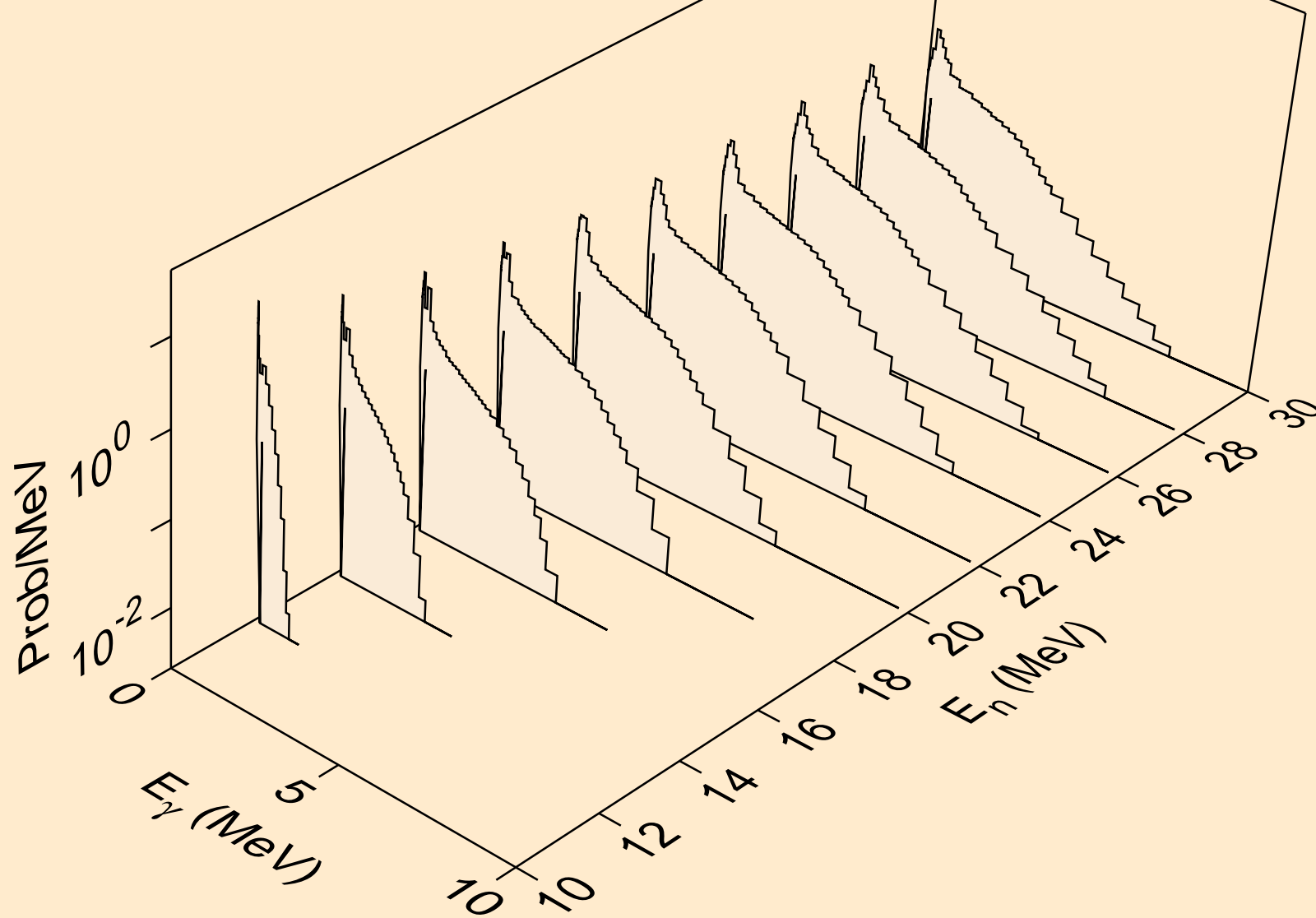
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,x)



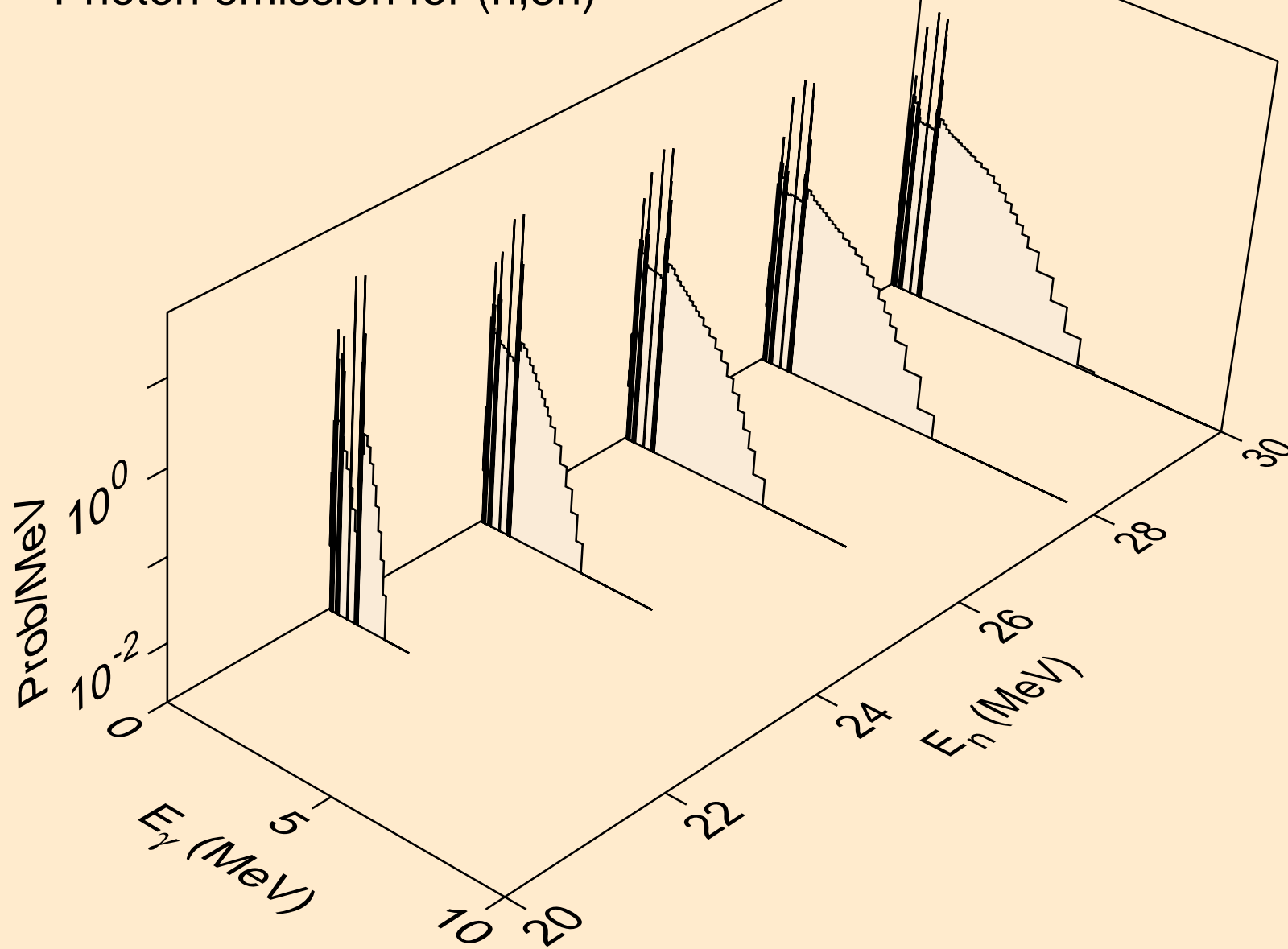
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2nd)



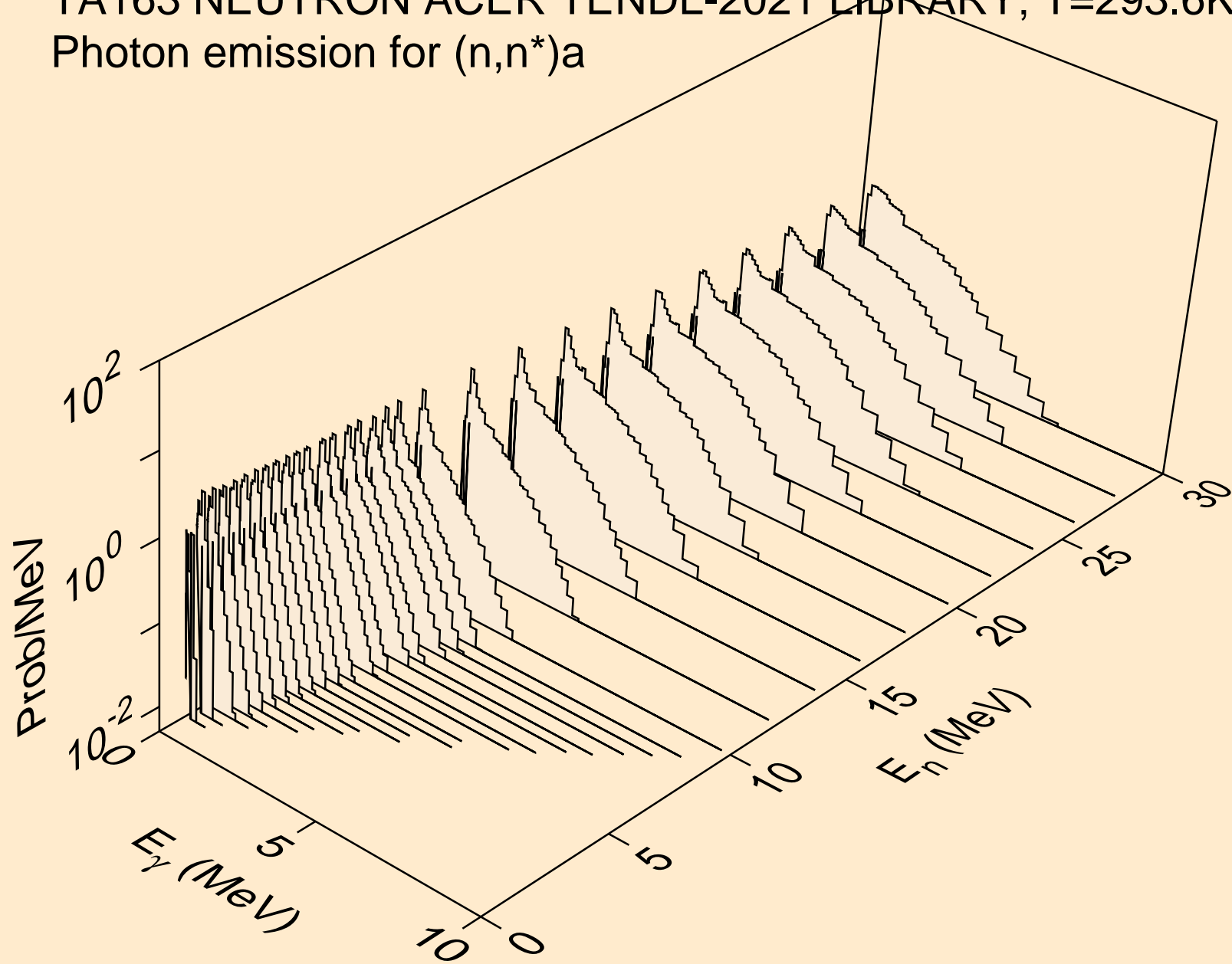
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)



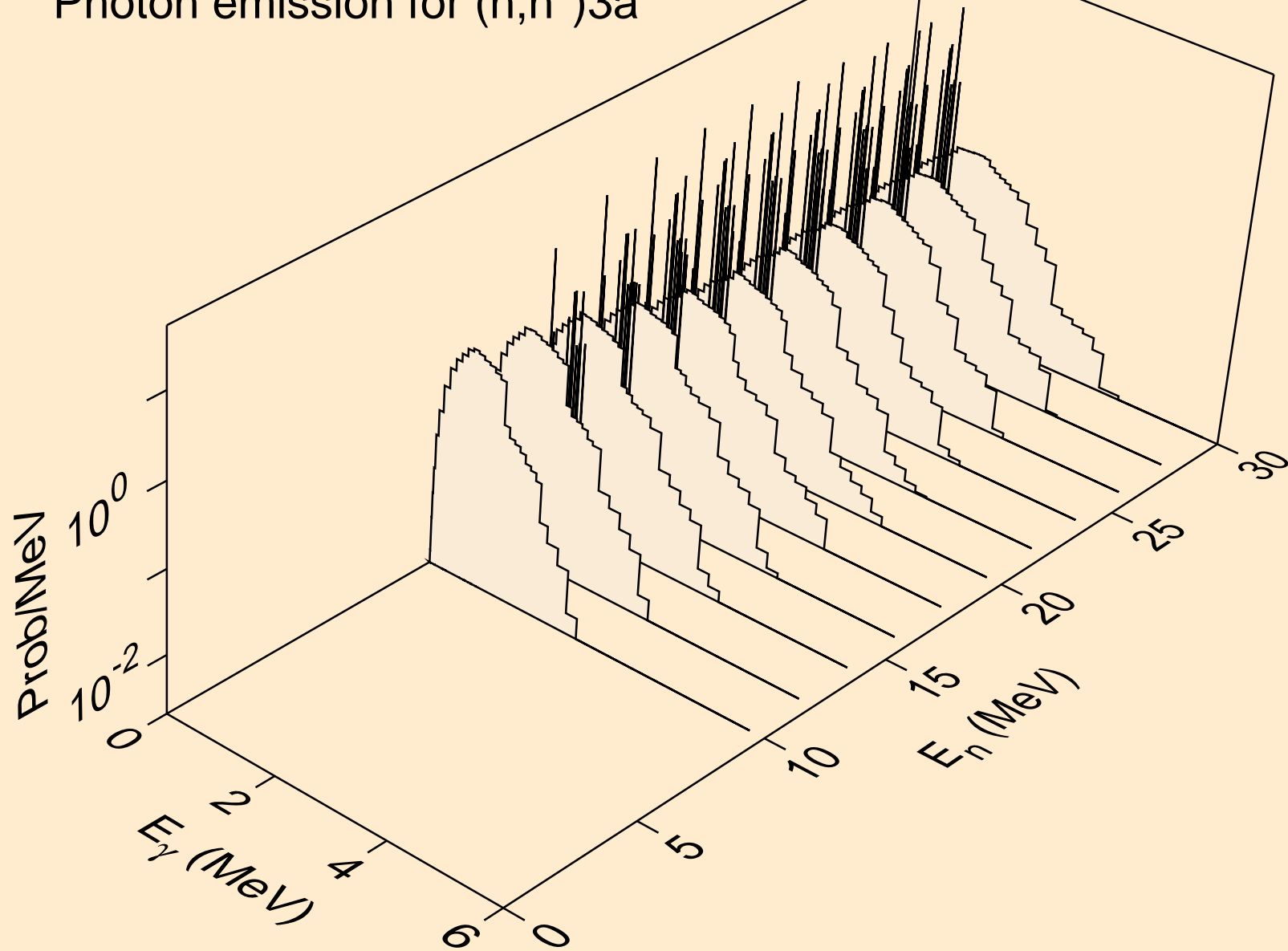
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Photon emission for (n,3n)



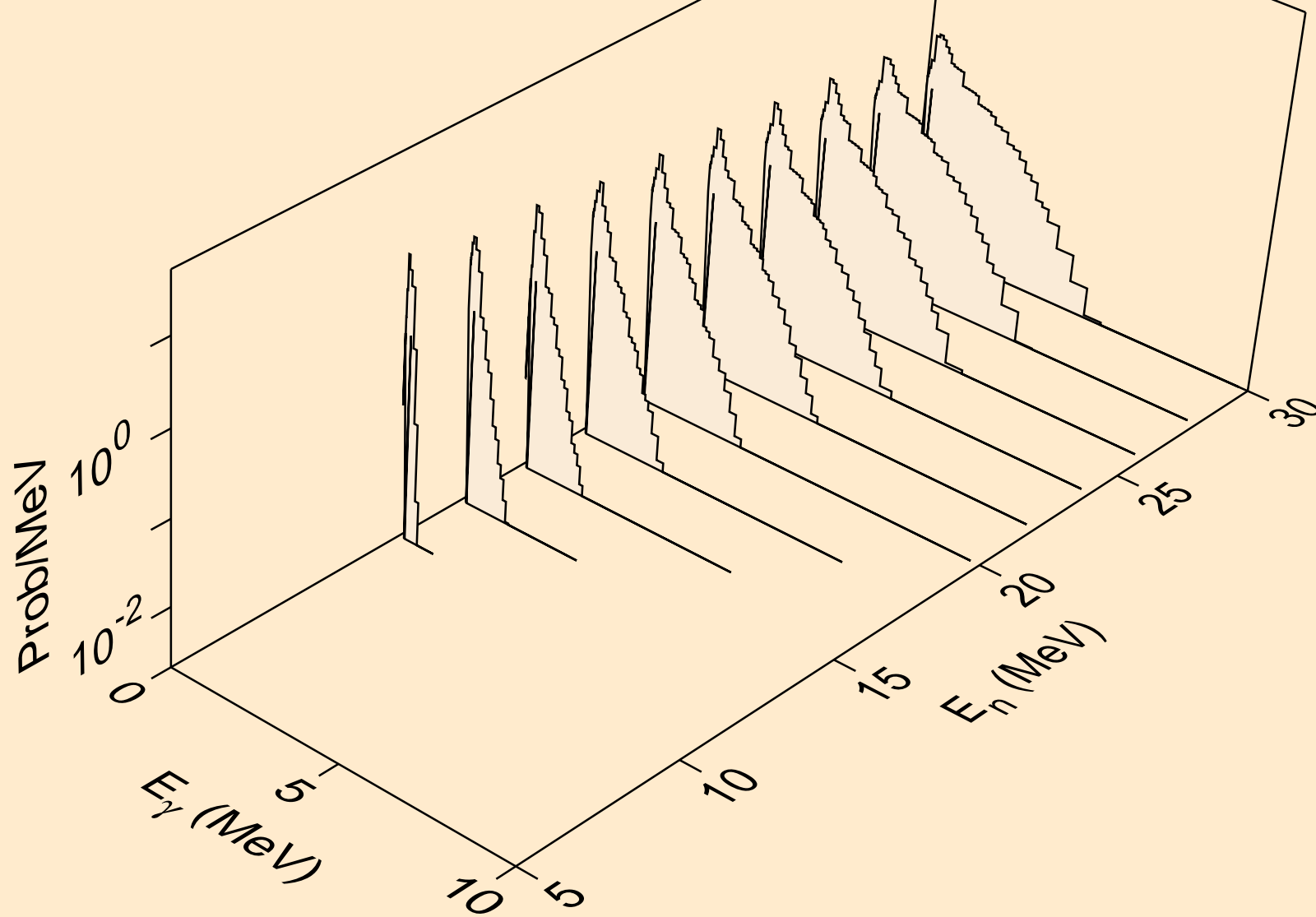
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Photon emission for (n,n*)a



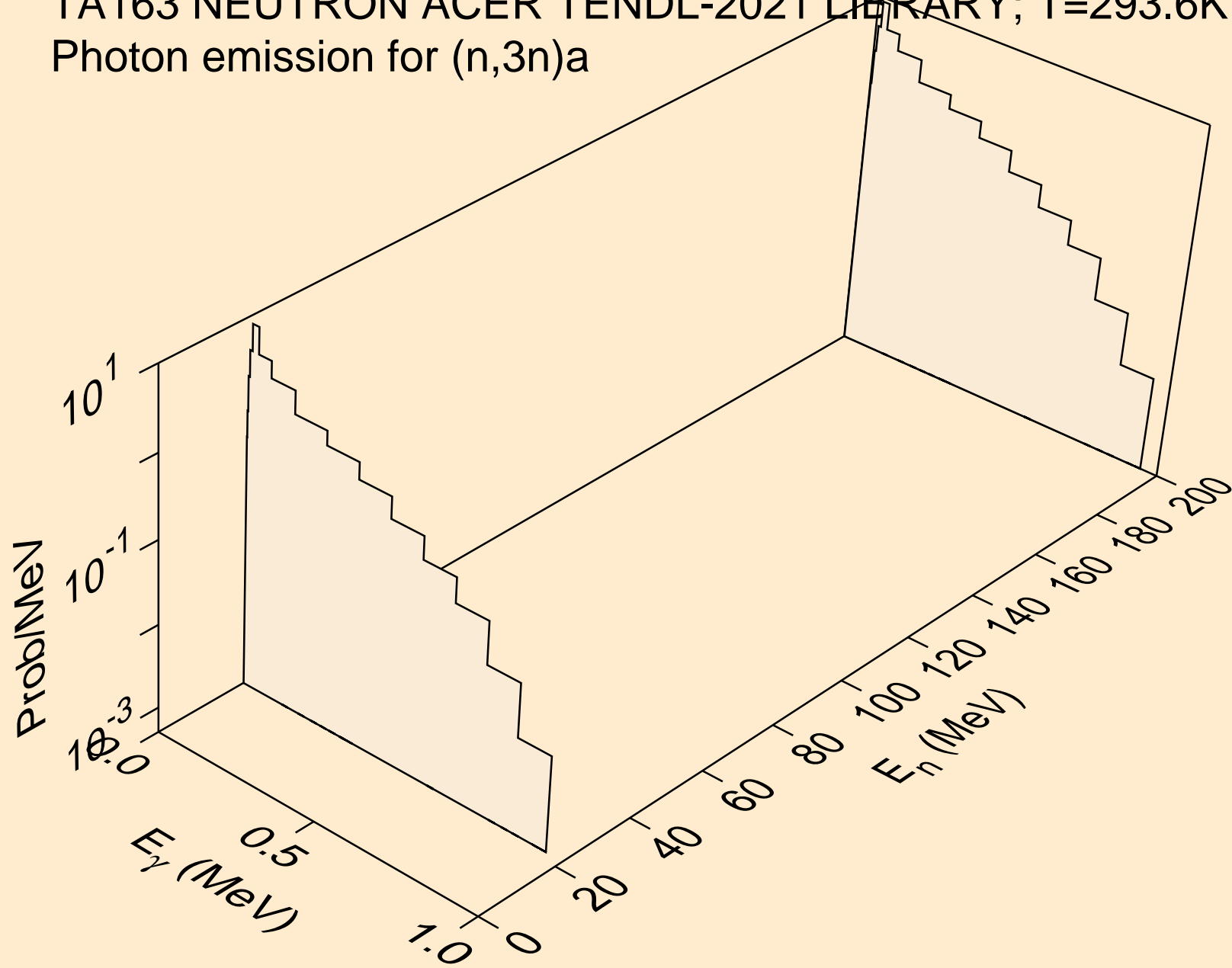
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)3a



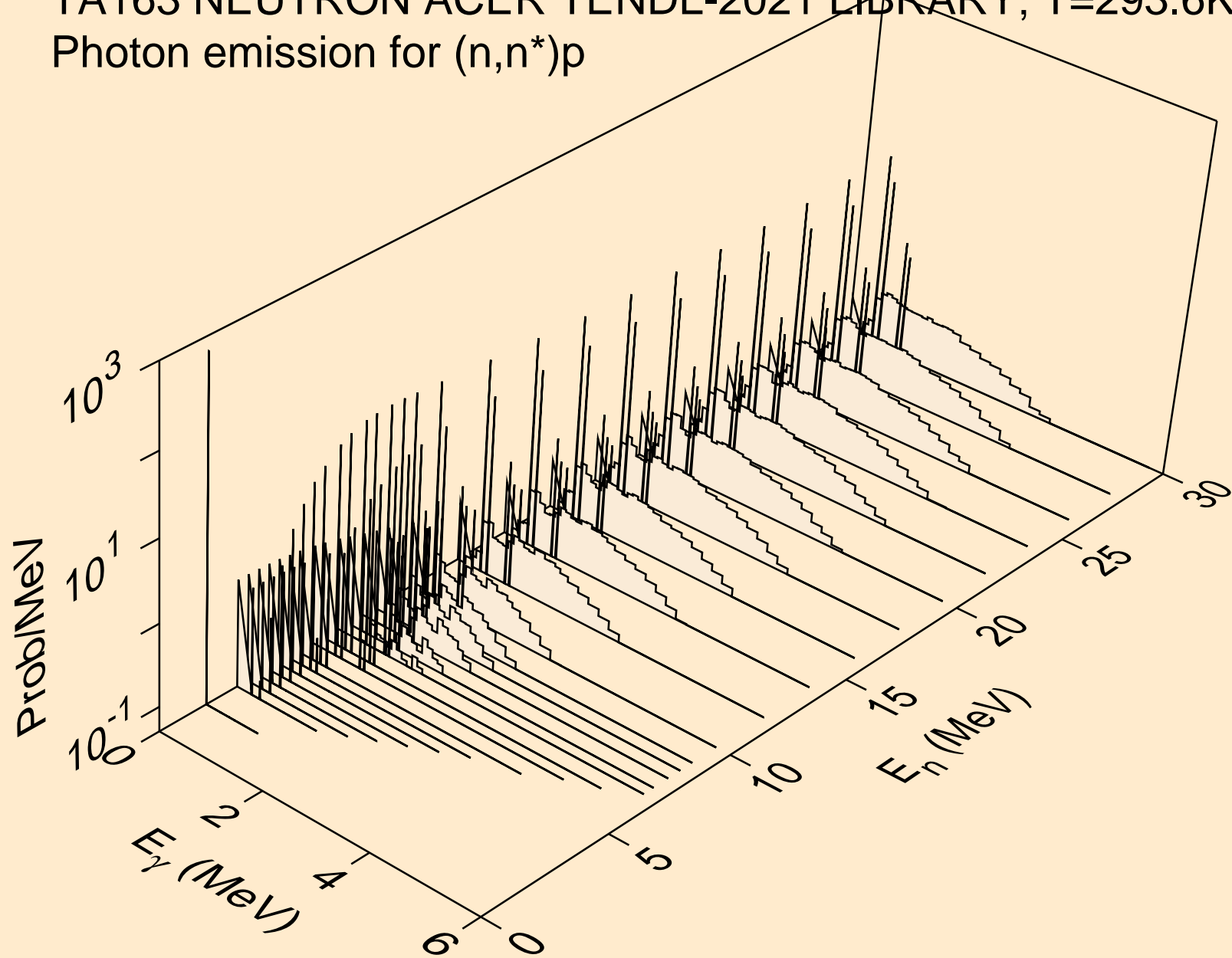
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Photon emission for (n,2n)a



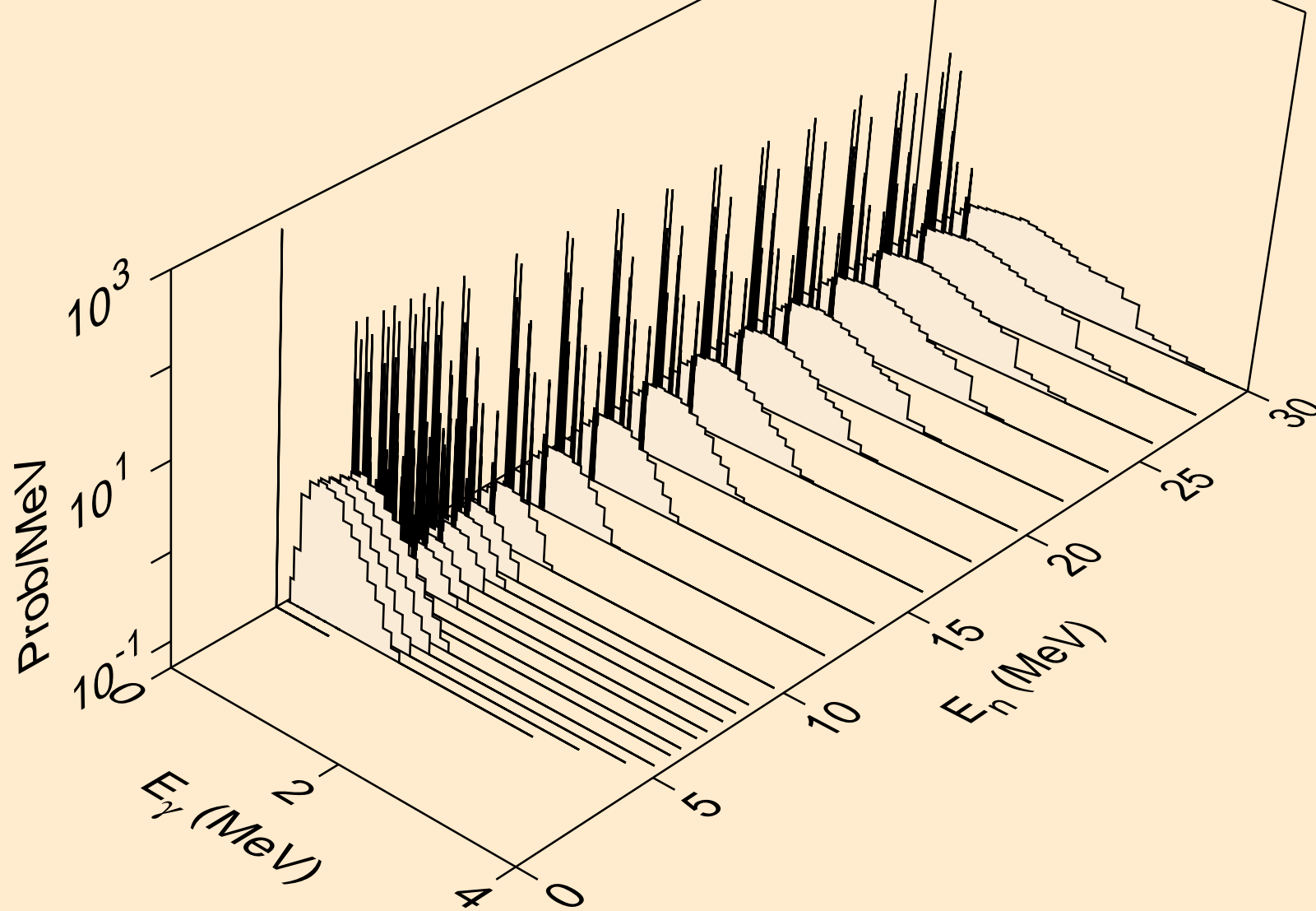
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)a



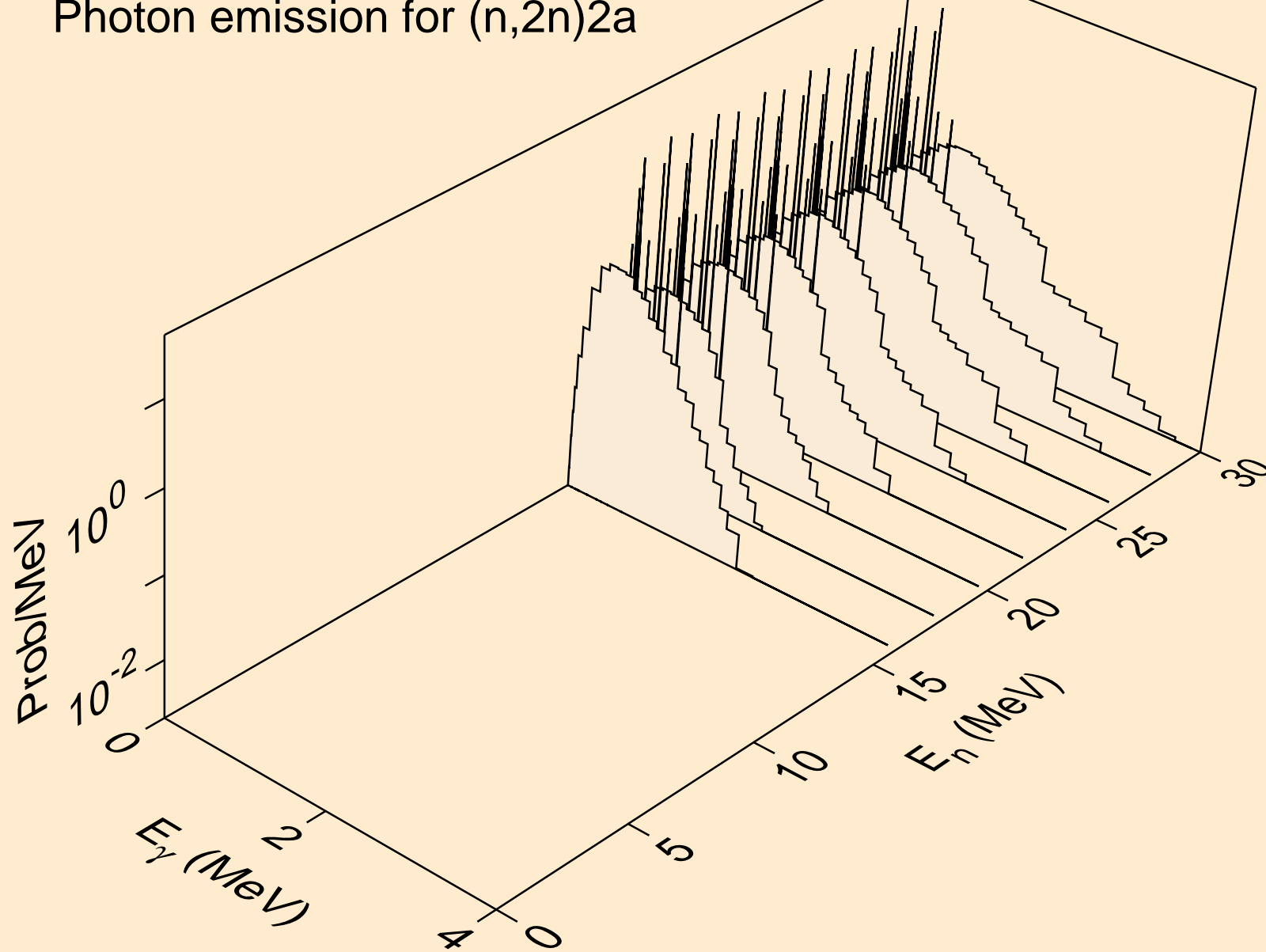
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)p



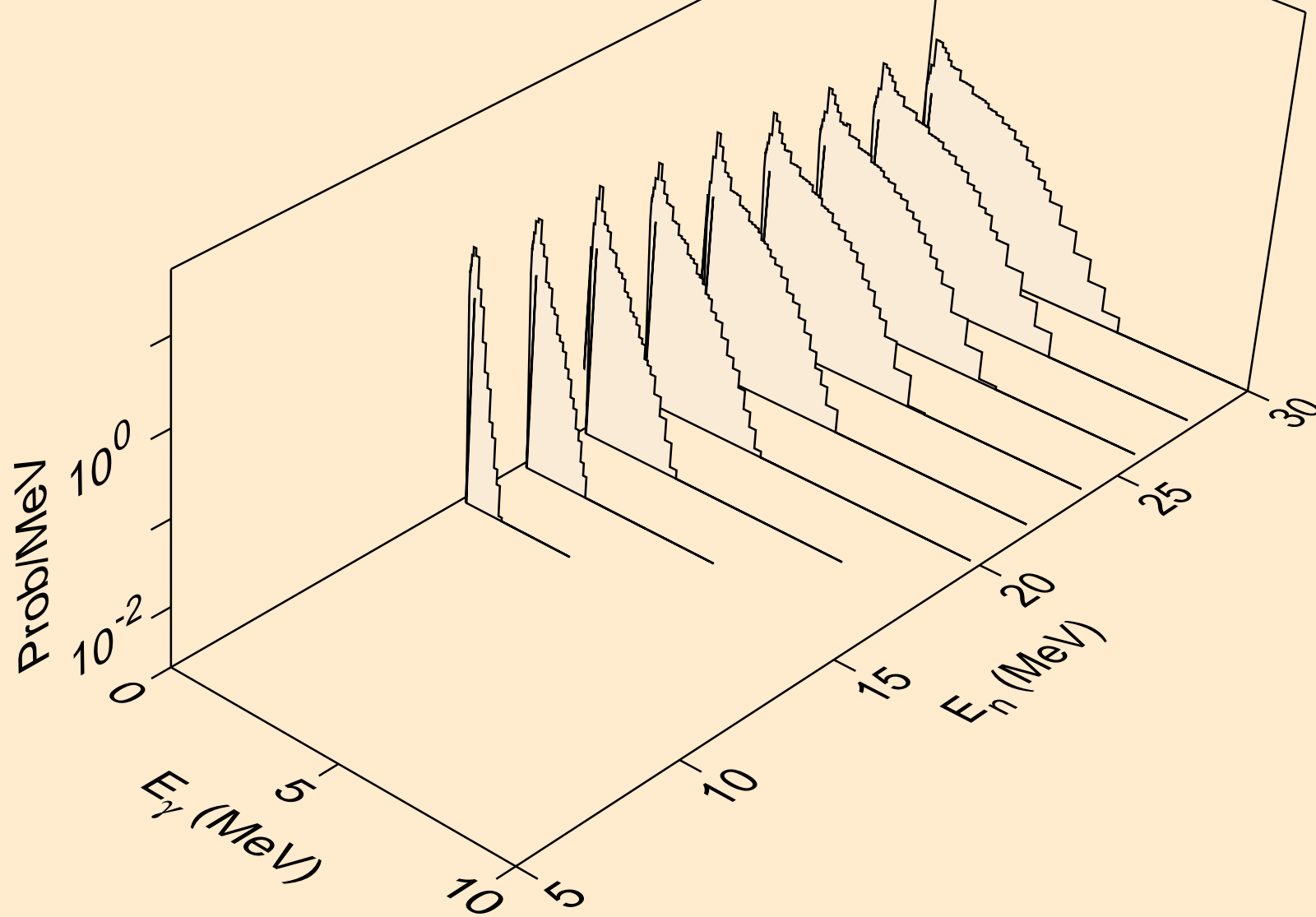
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



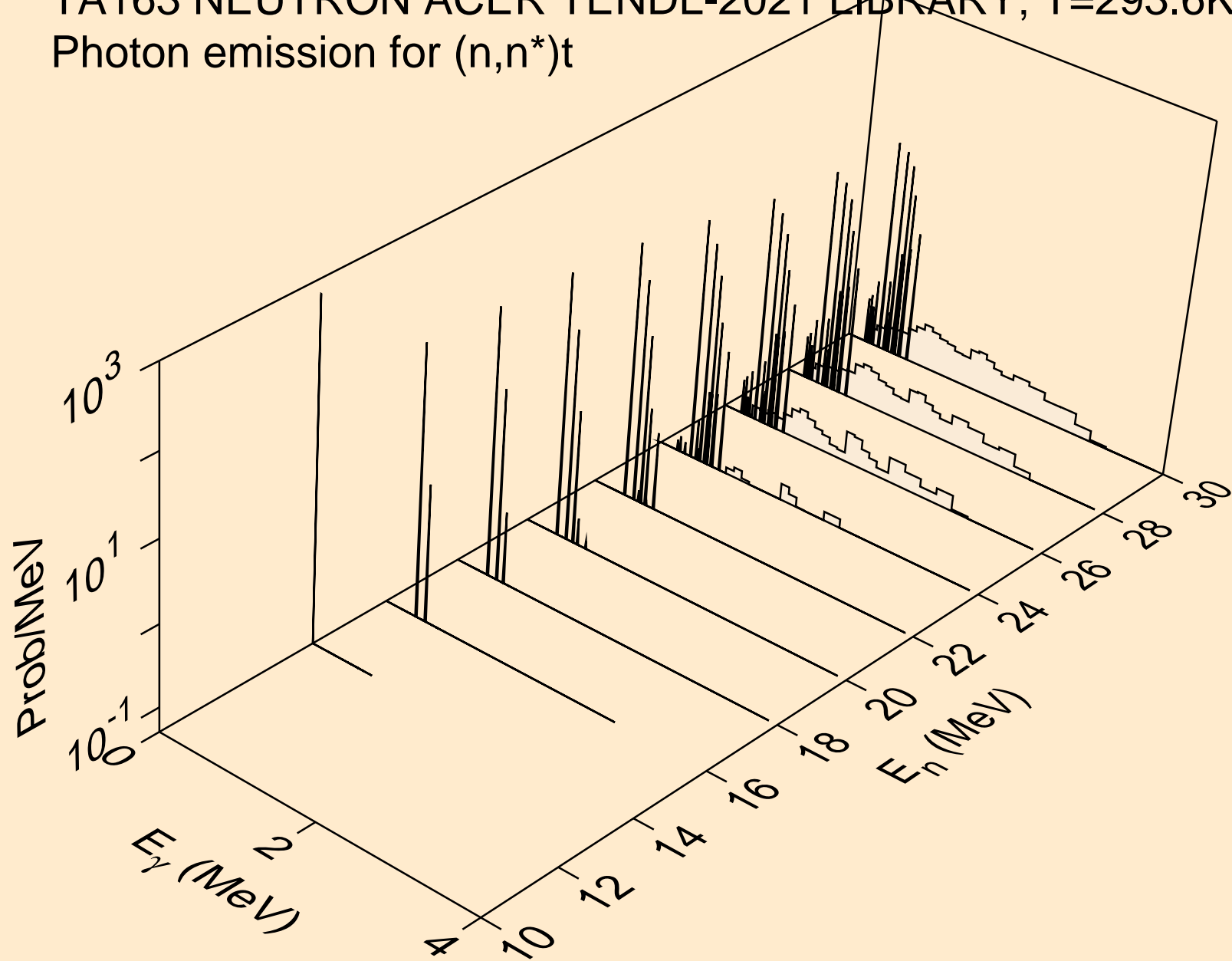
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)2a



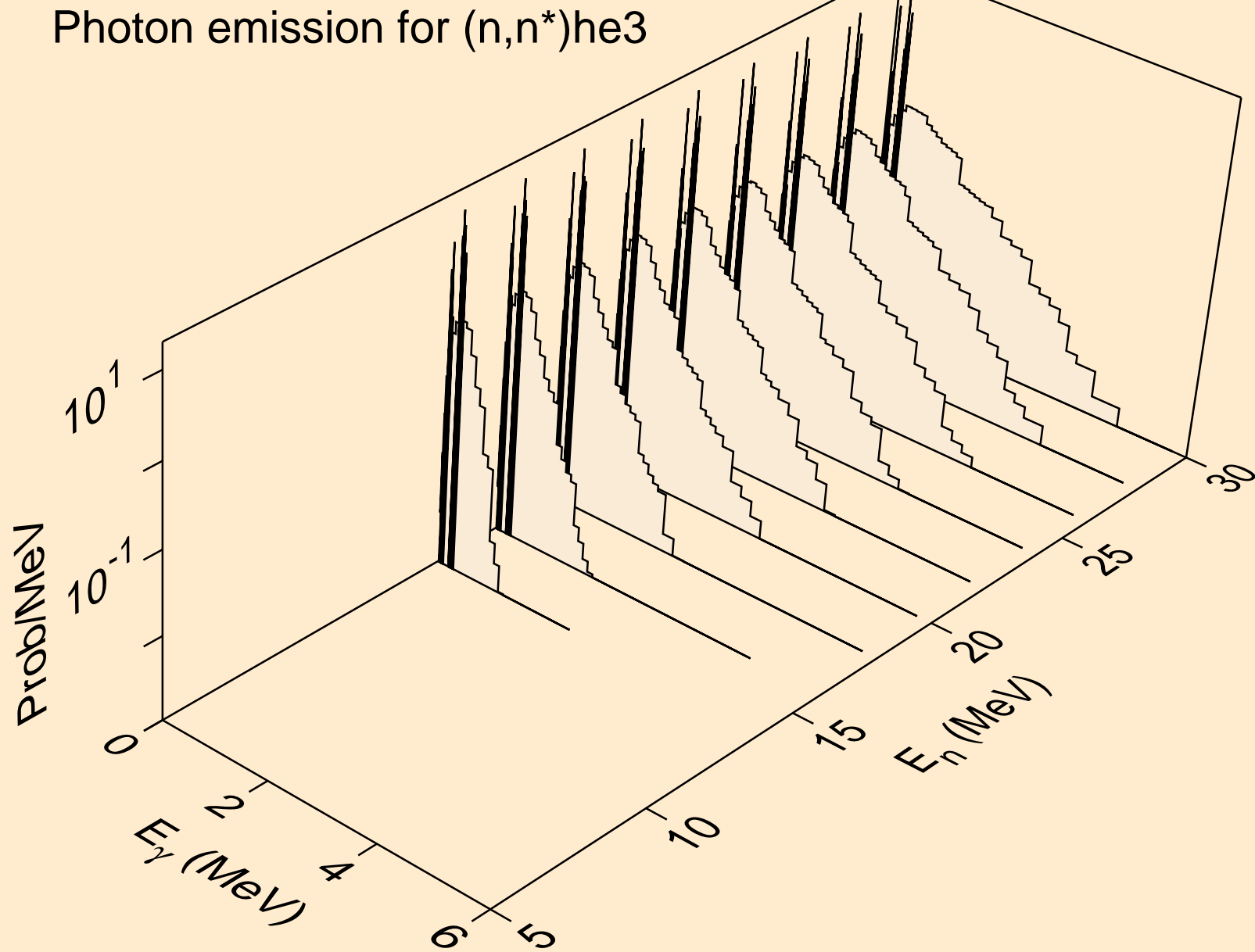
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)d



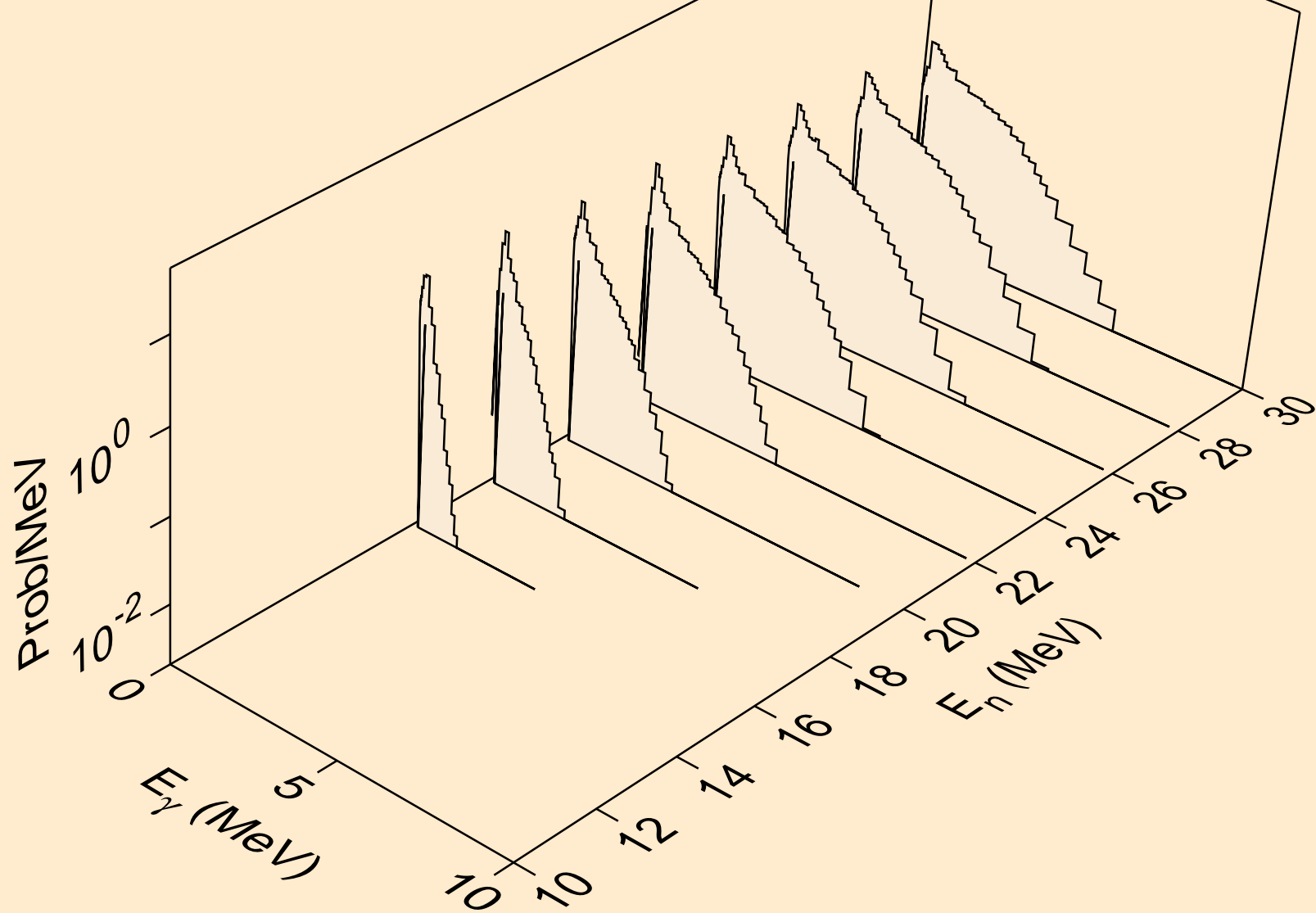
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)t



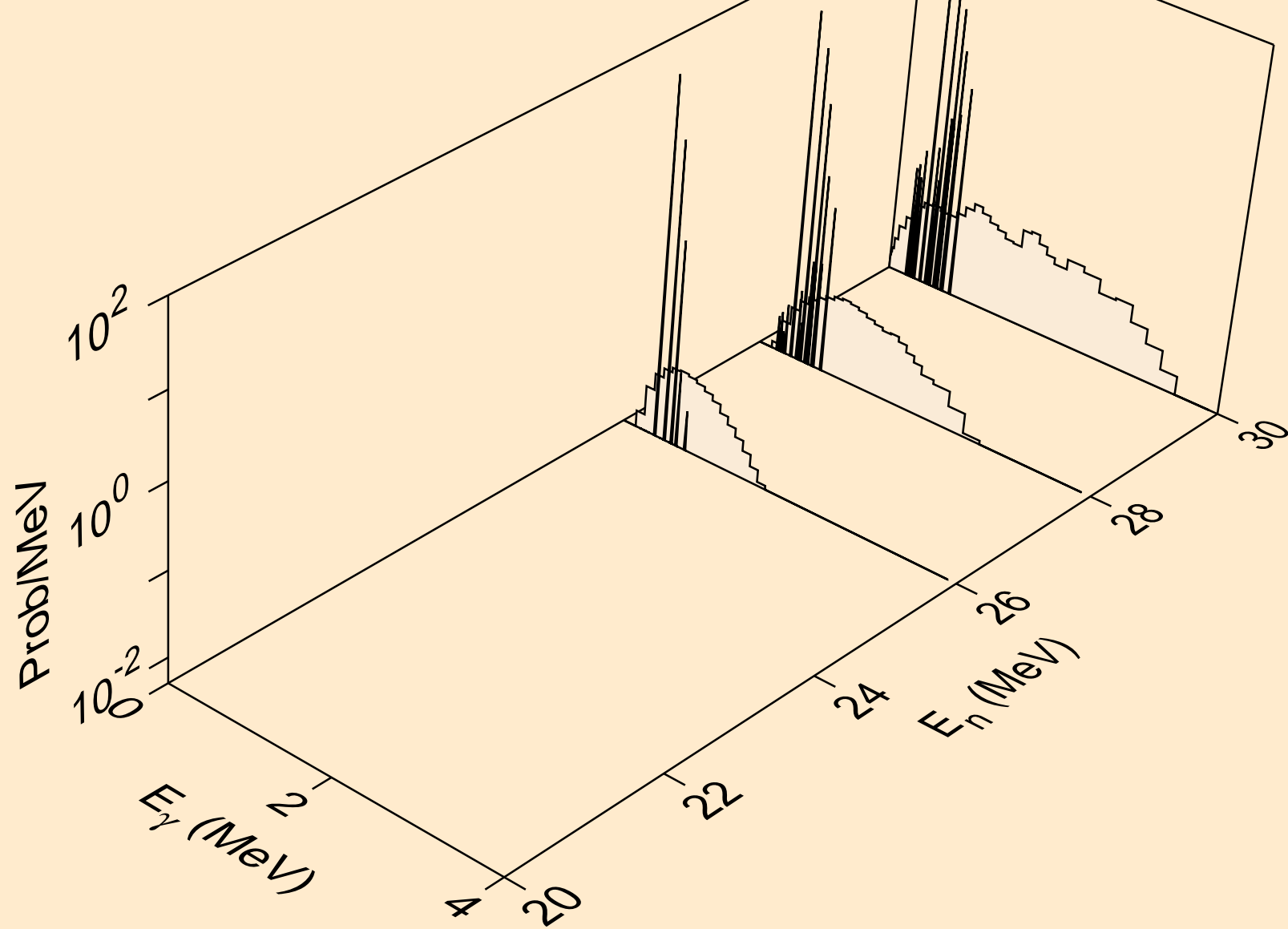
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



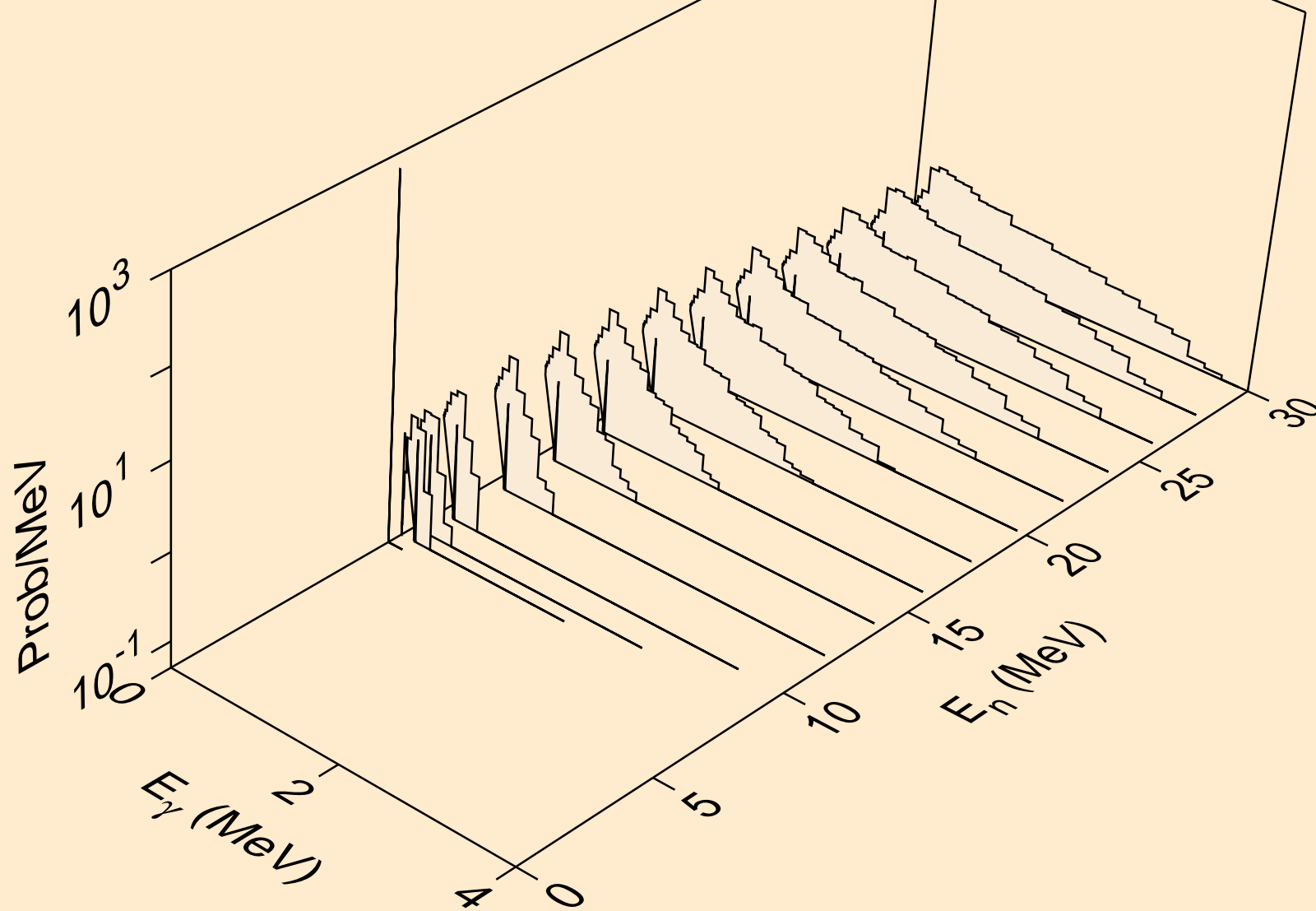
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



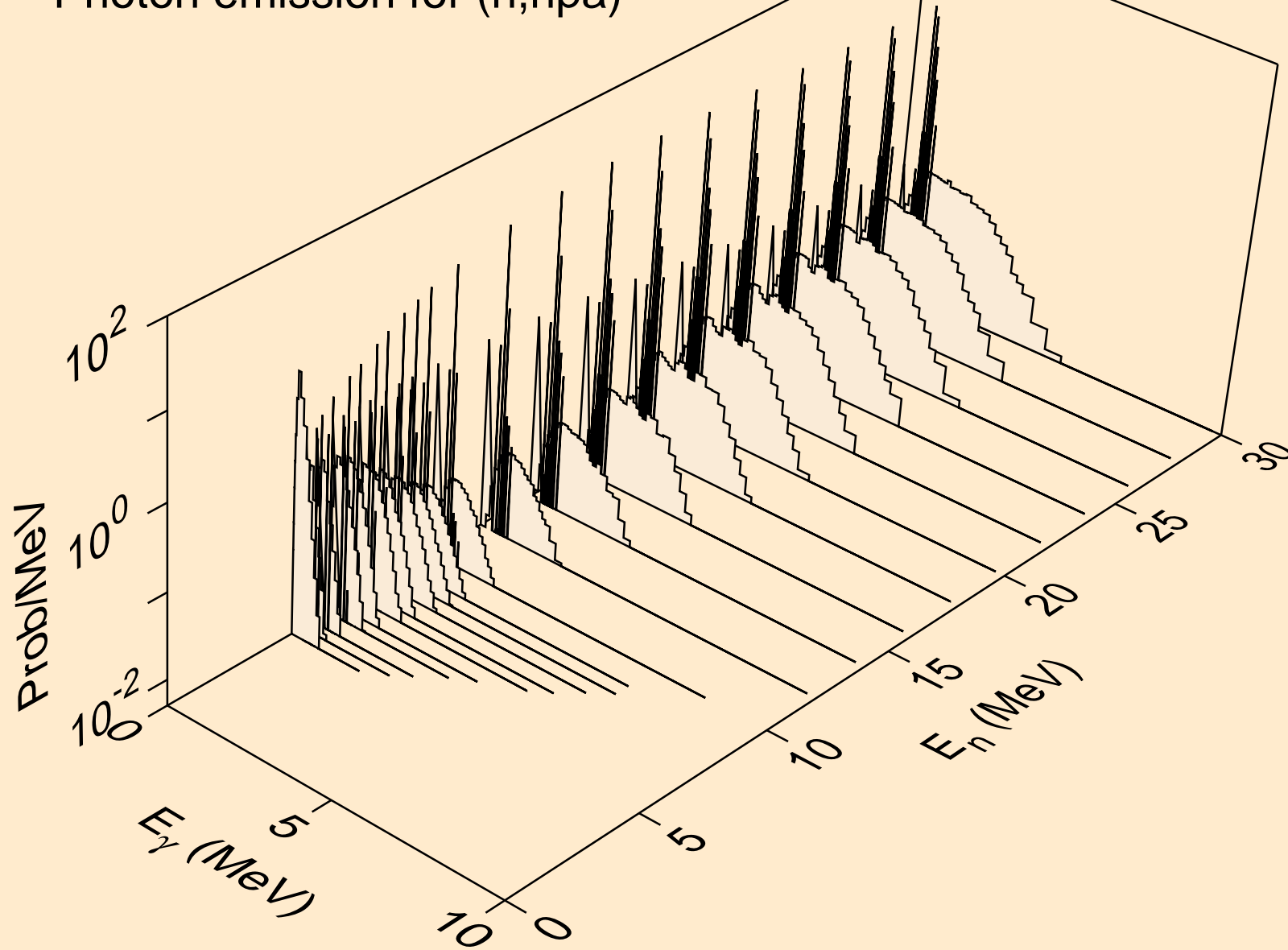
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3np)



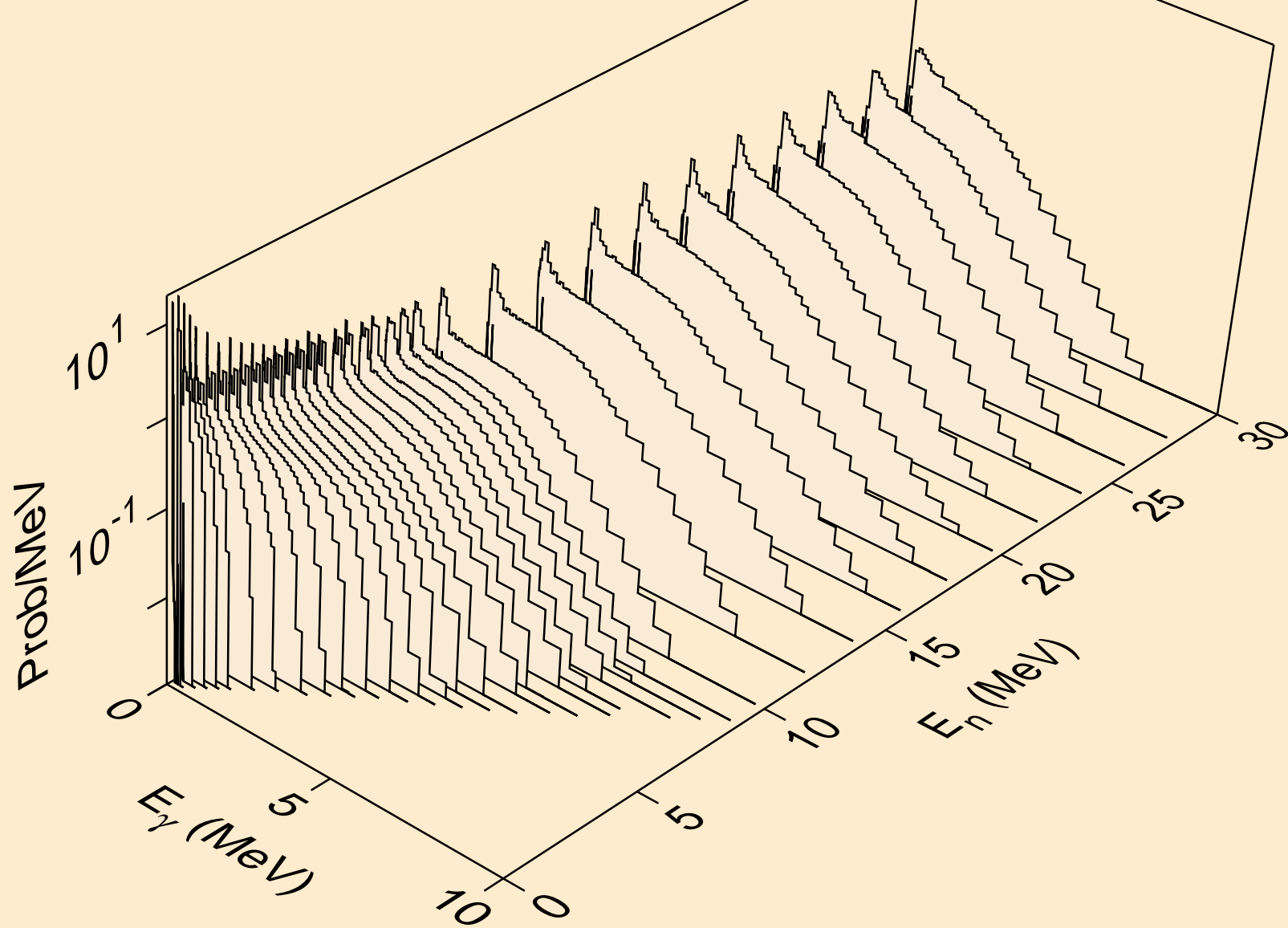
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



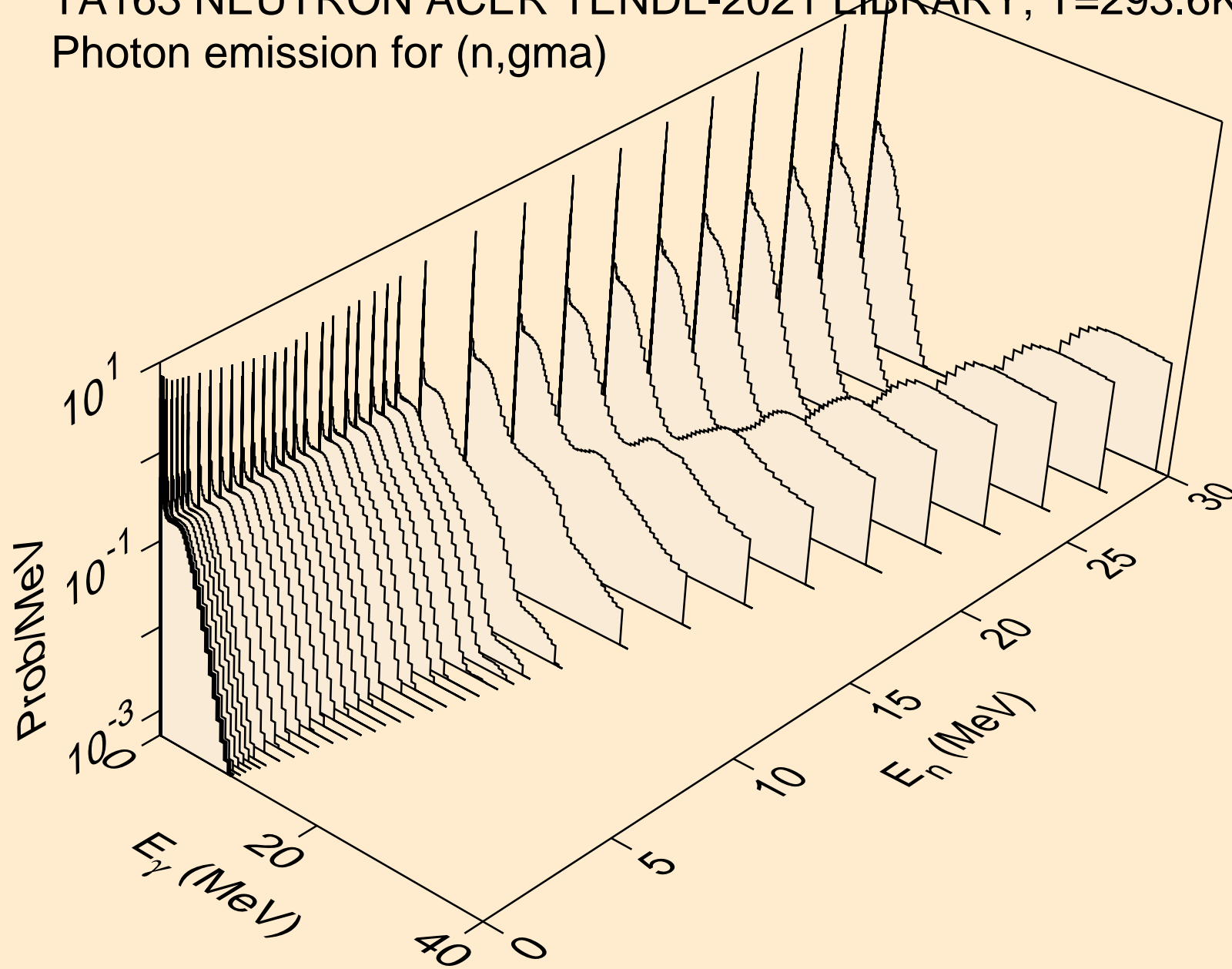
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Photon emission for (n,npa)



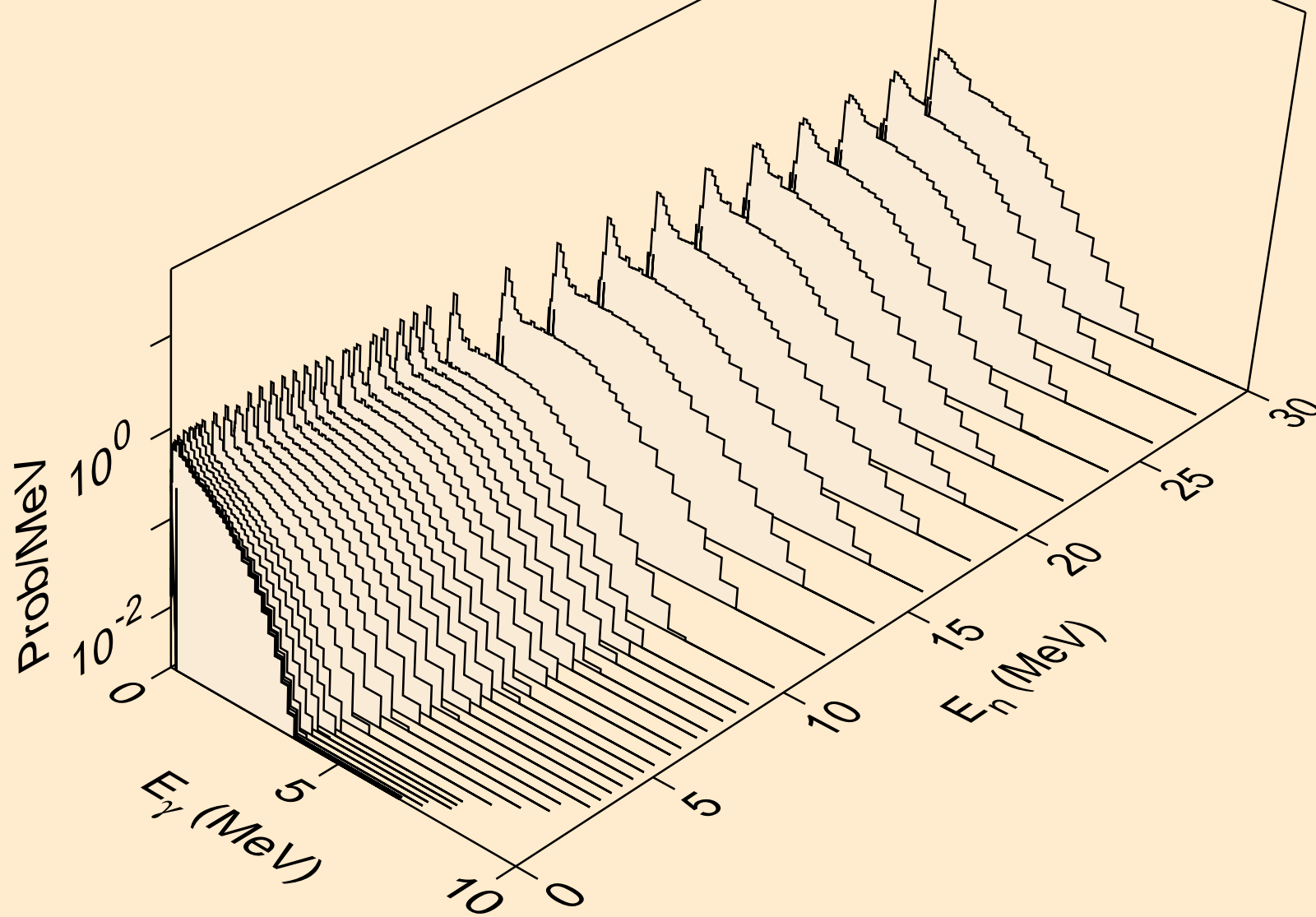
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*c)



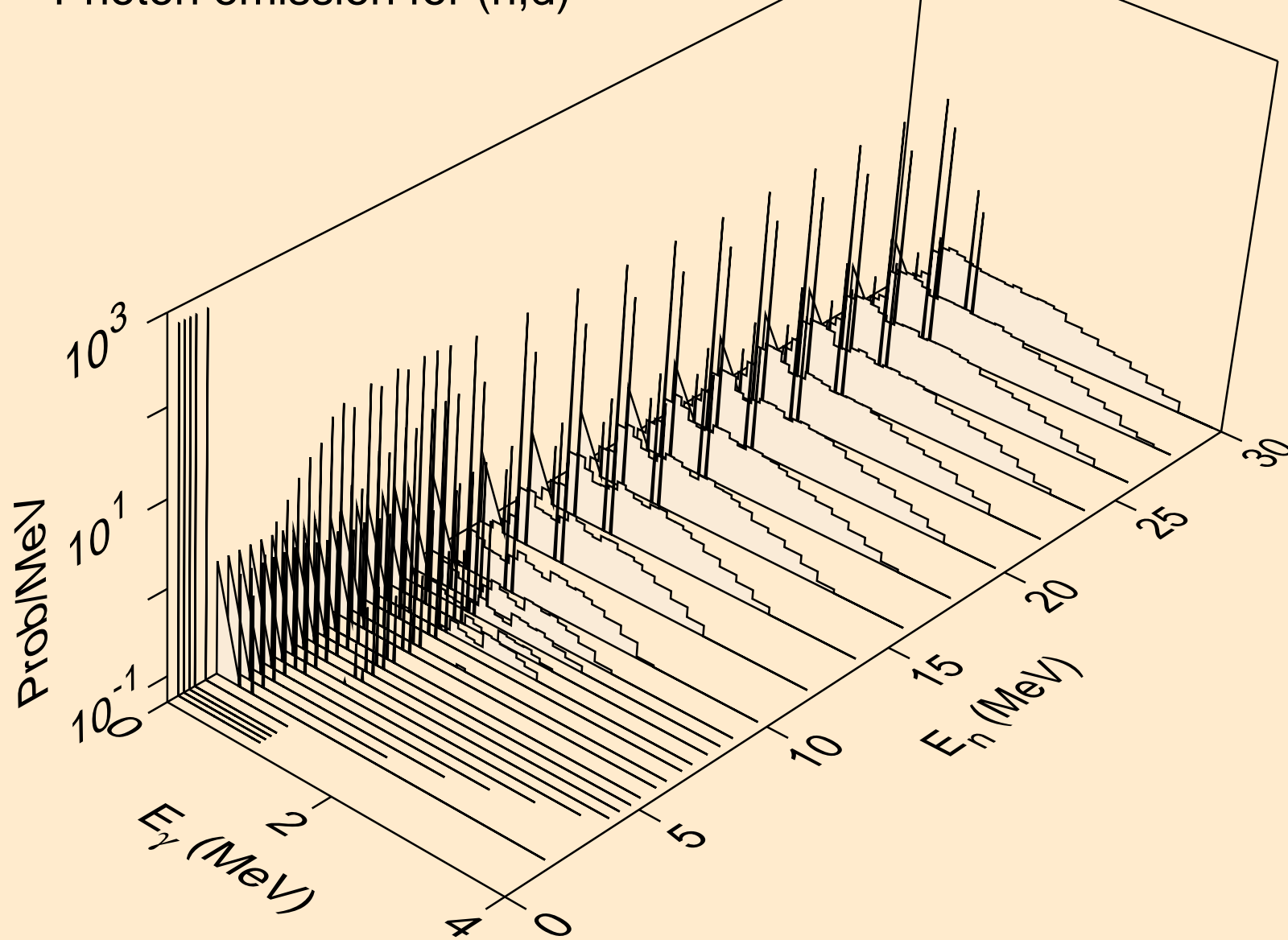
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,gma)



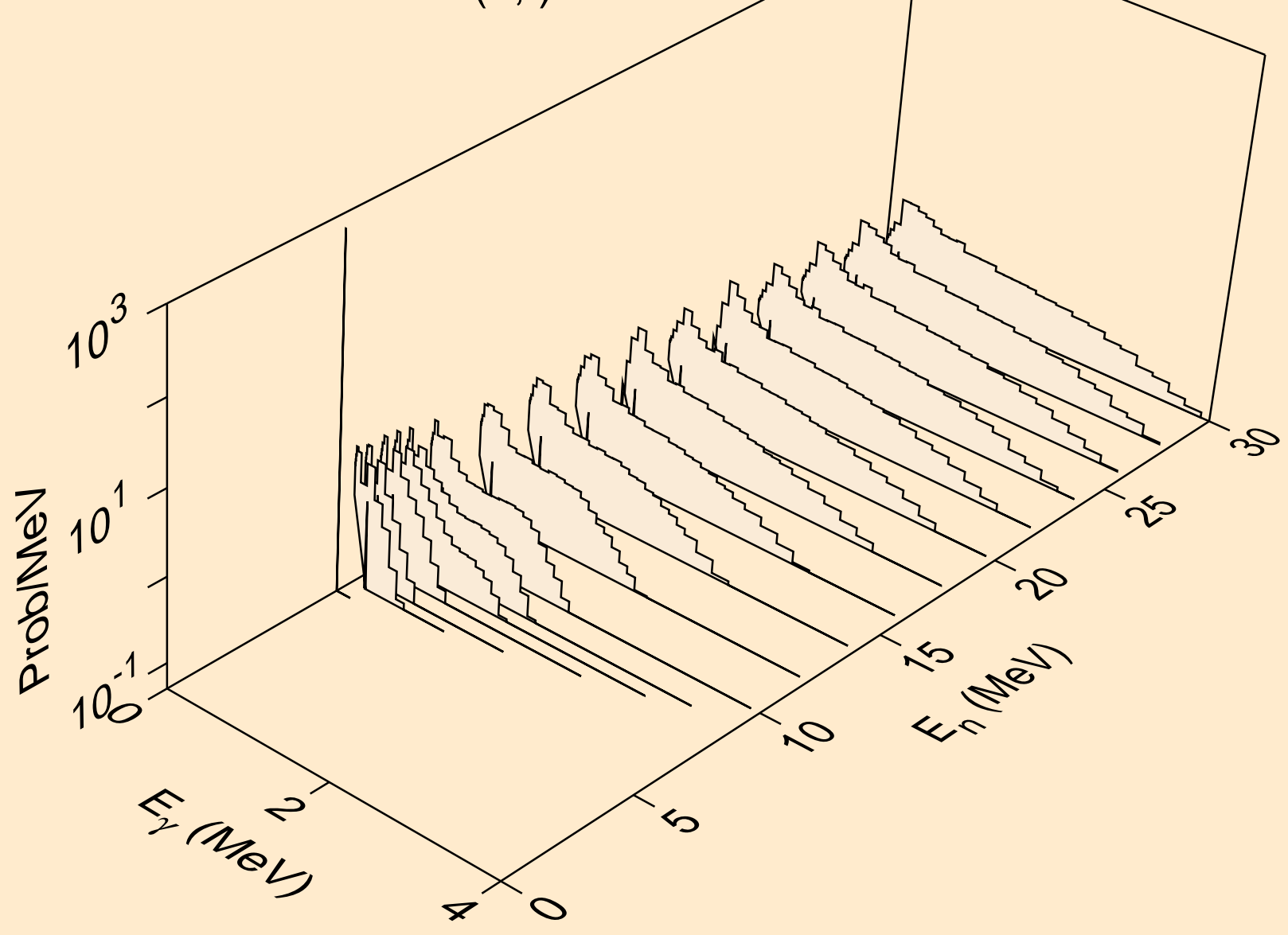
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



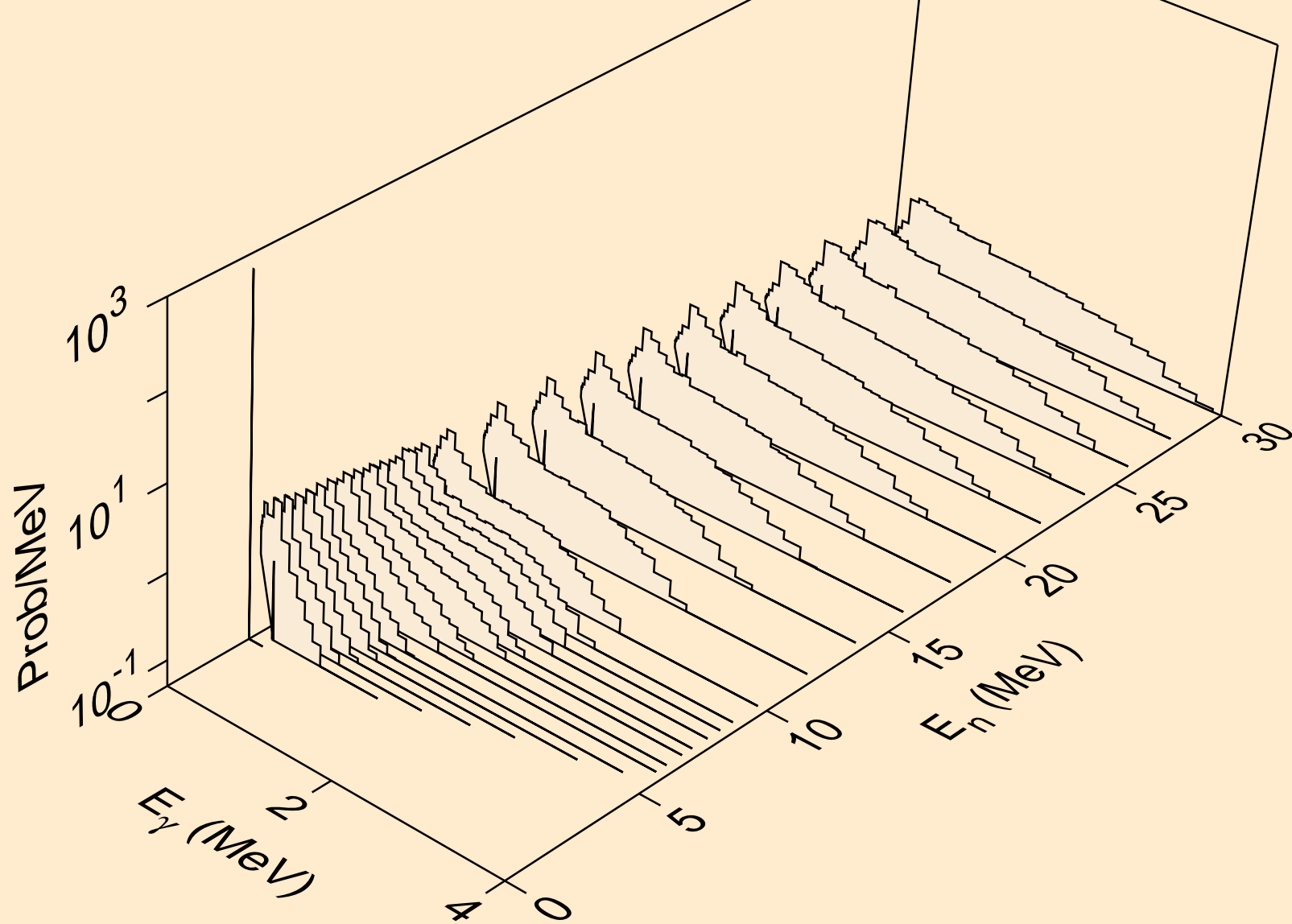
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,d)



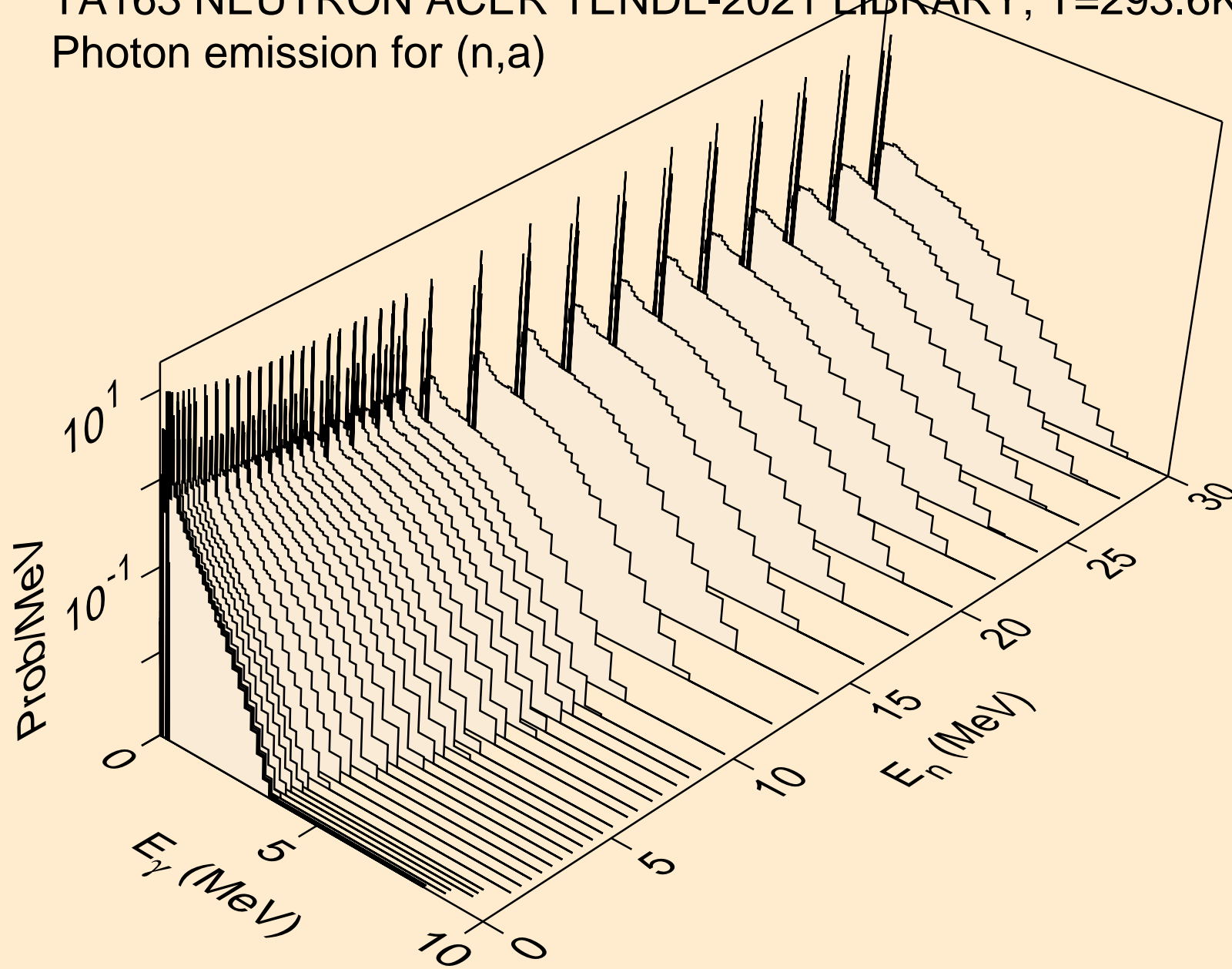
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,t)



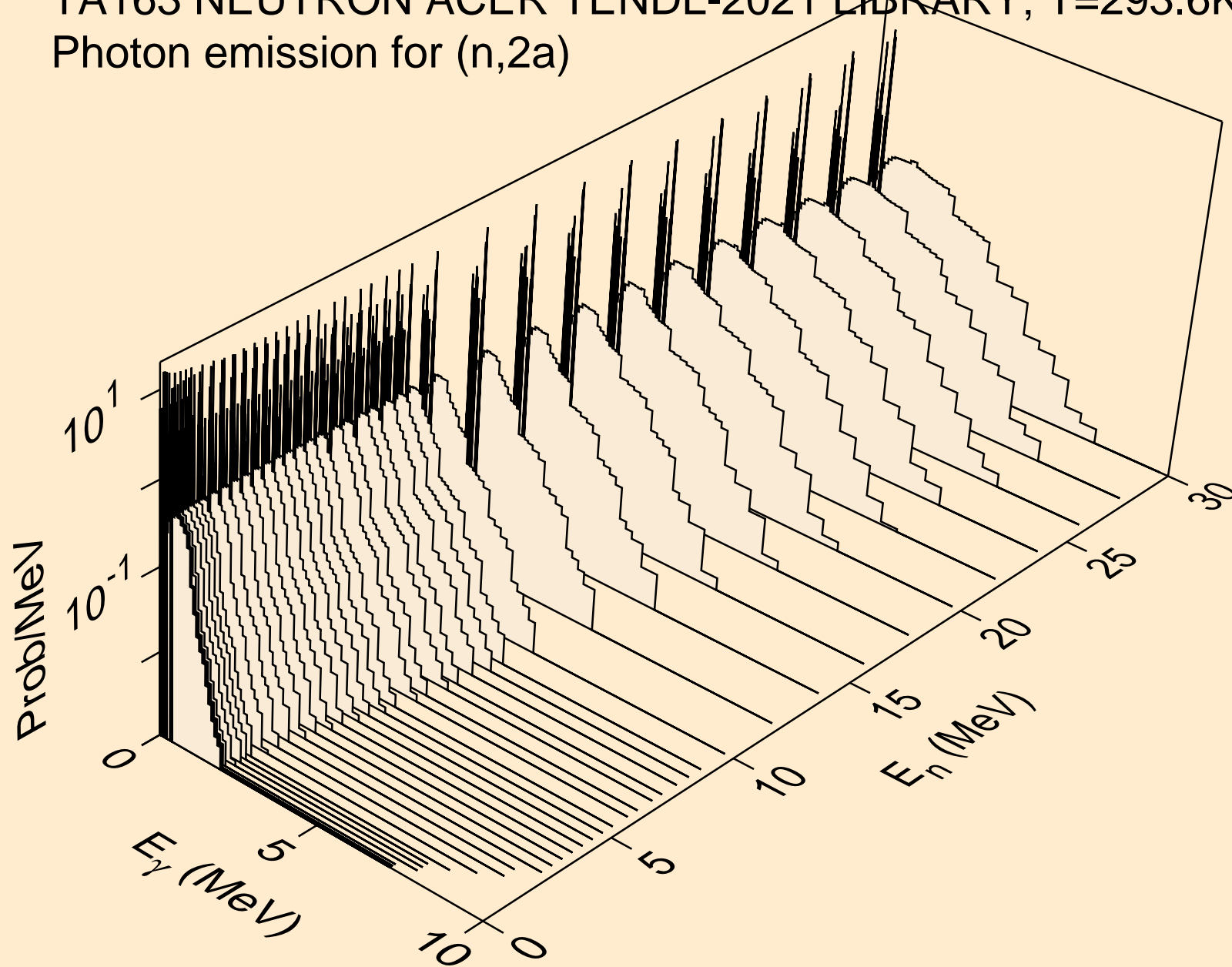
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,he3)



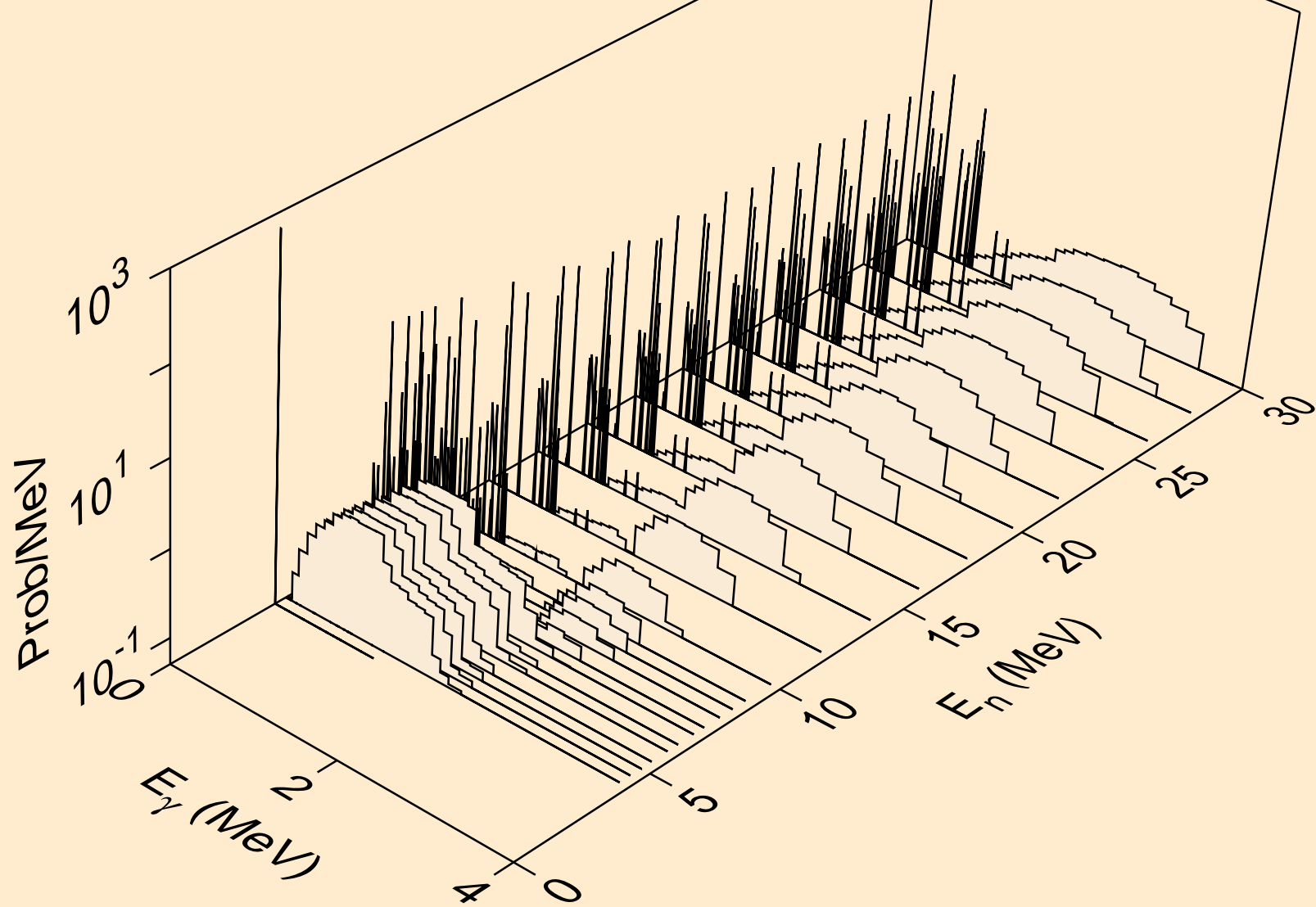
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,a)



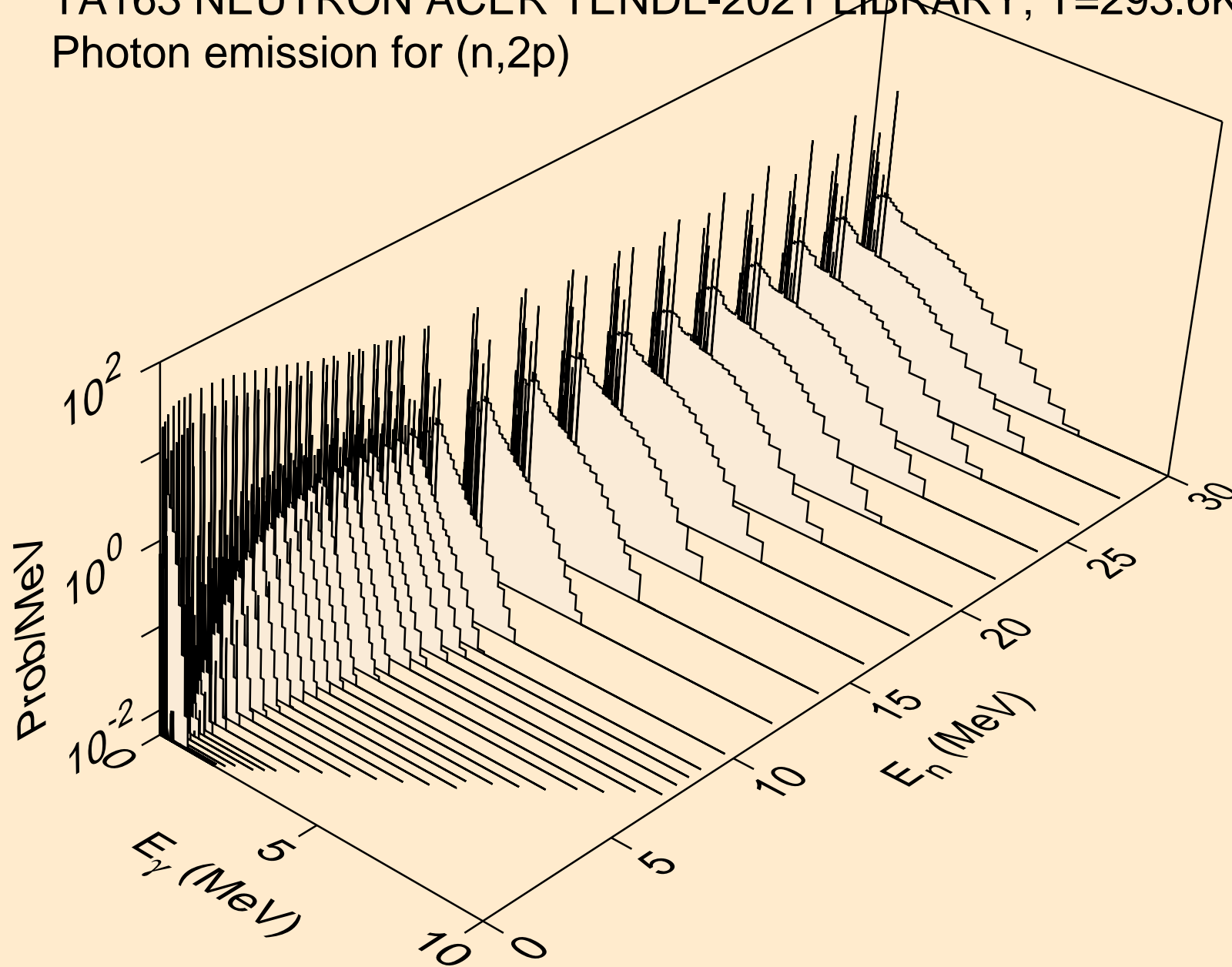
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2a)



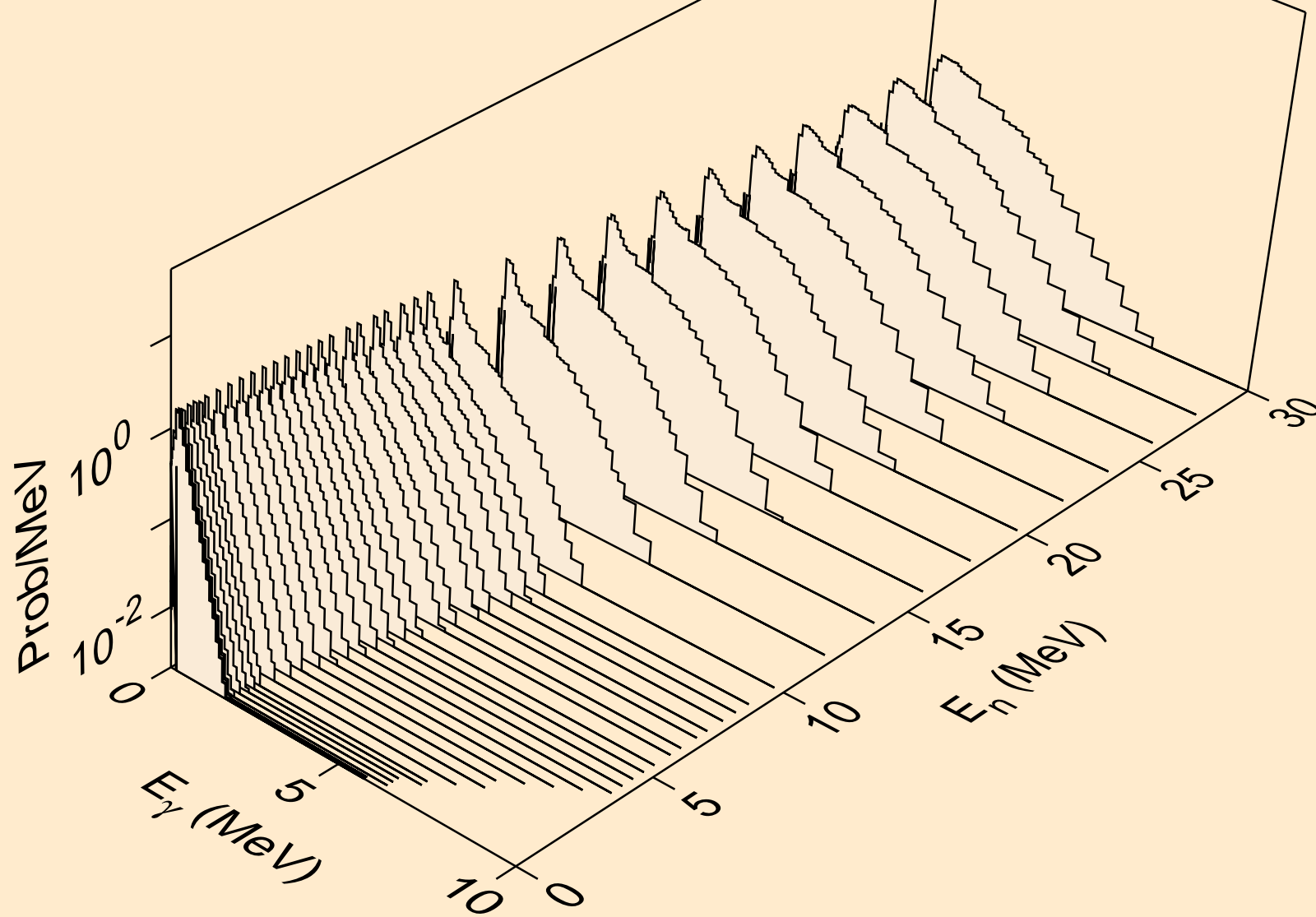
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3a)



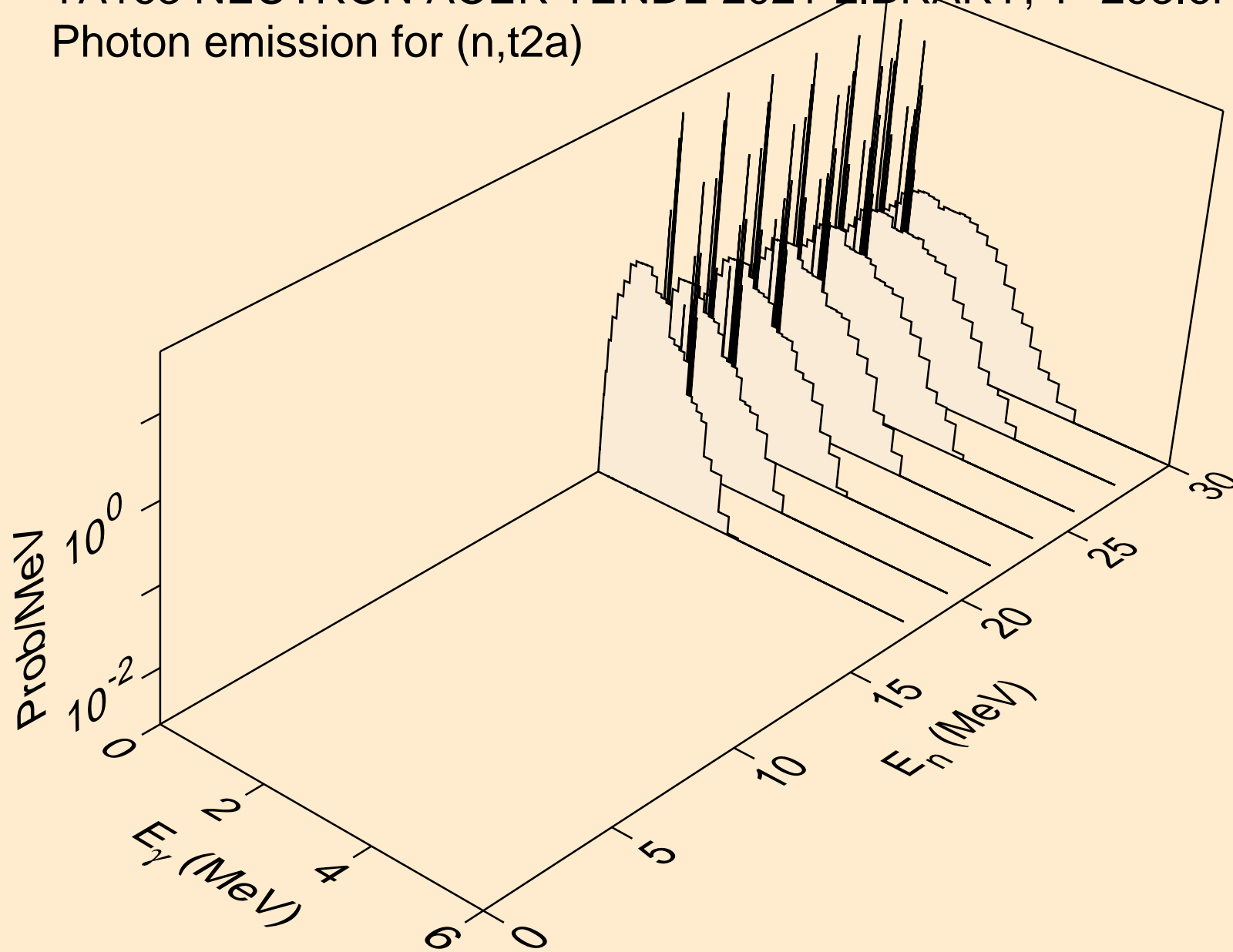
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2p)



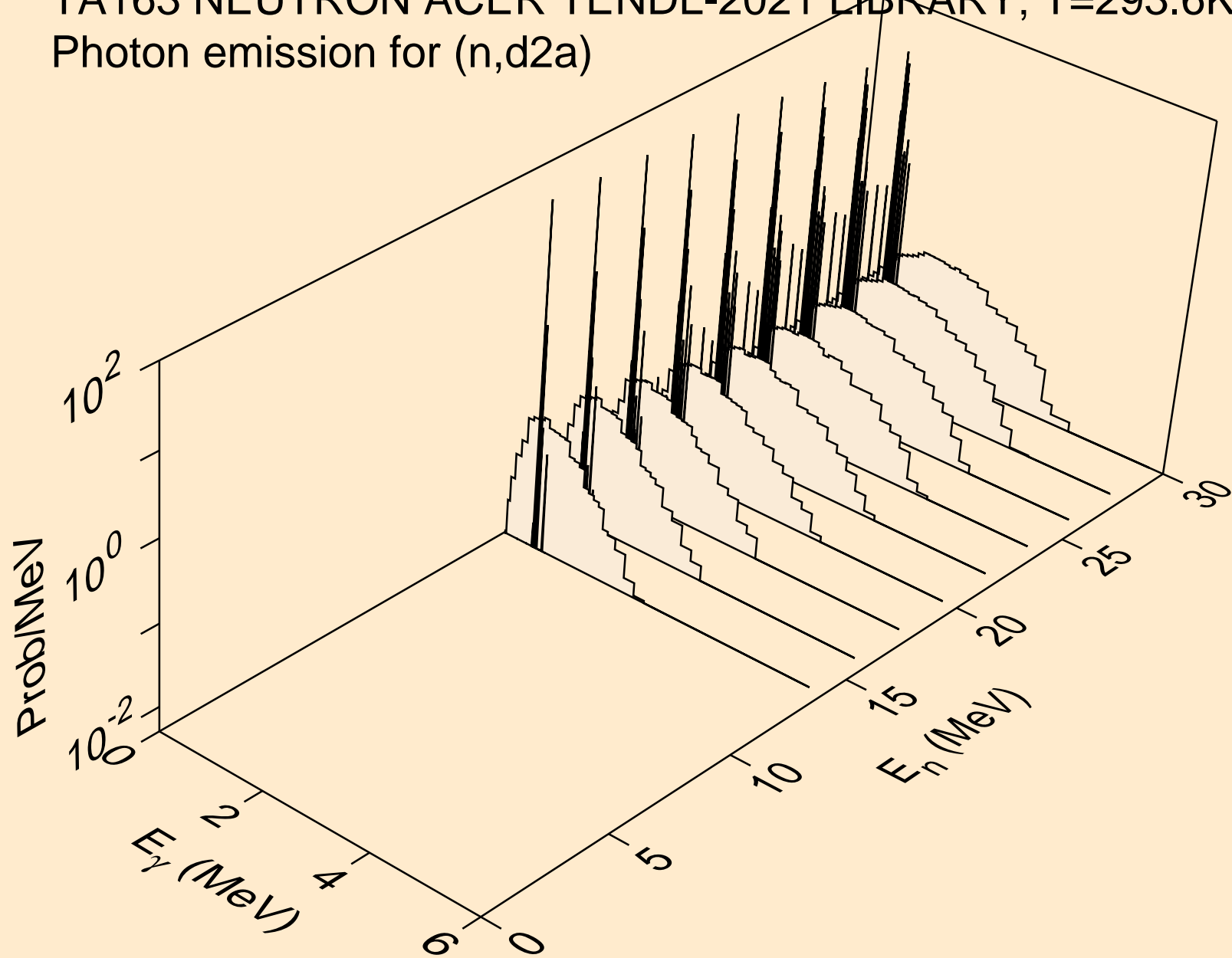
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



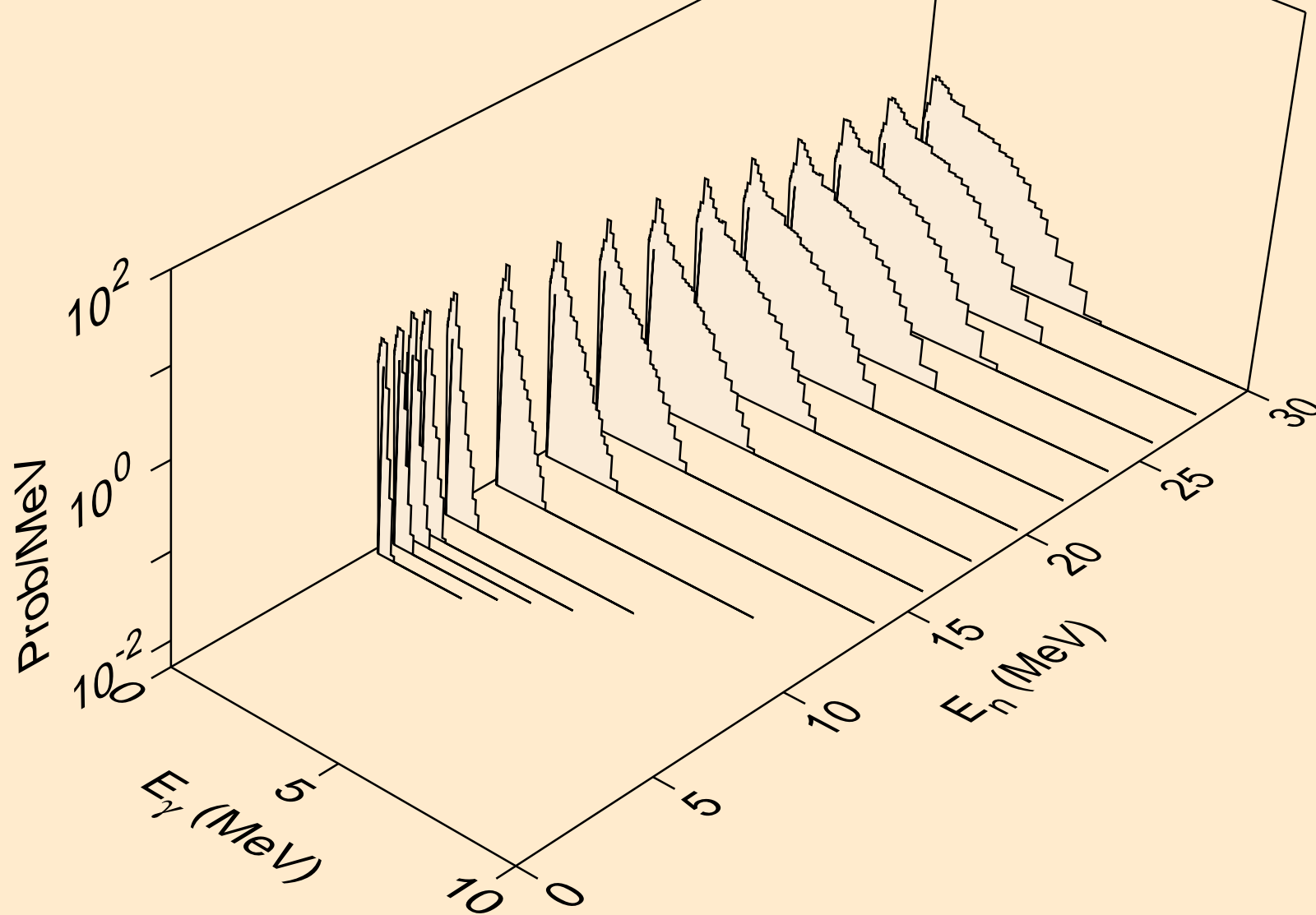
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,t2a)



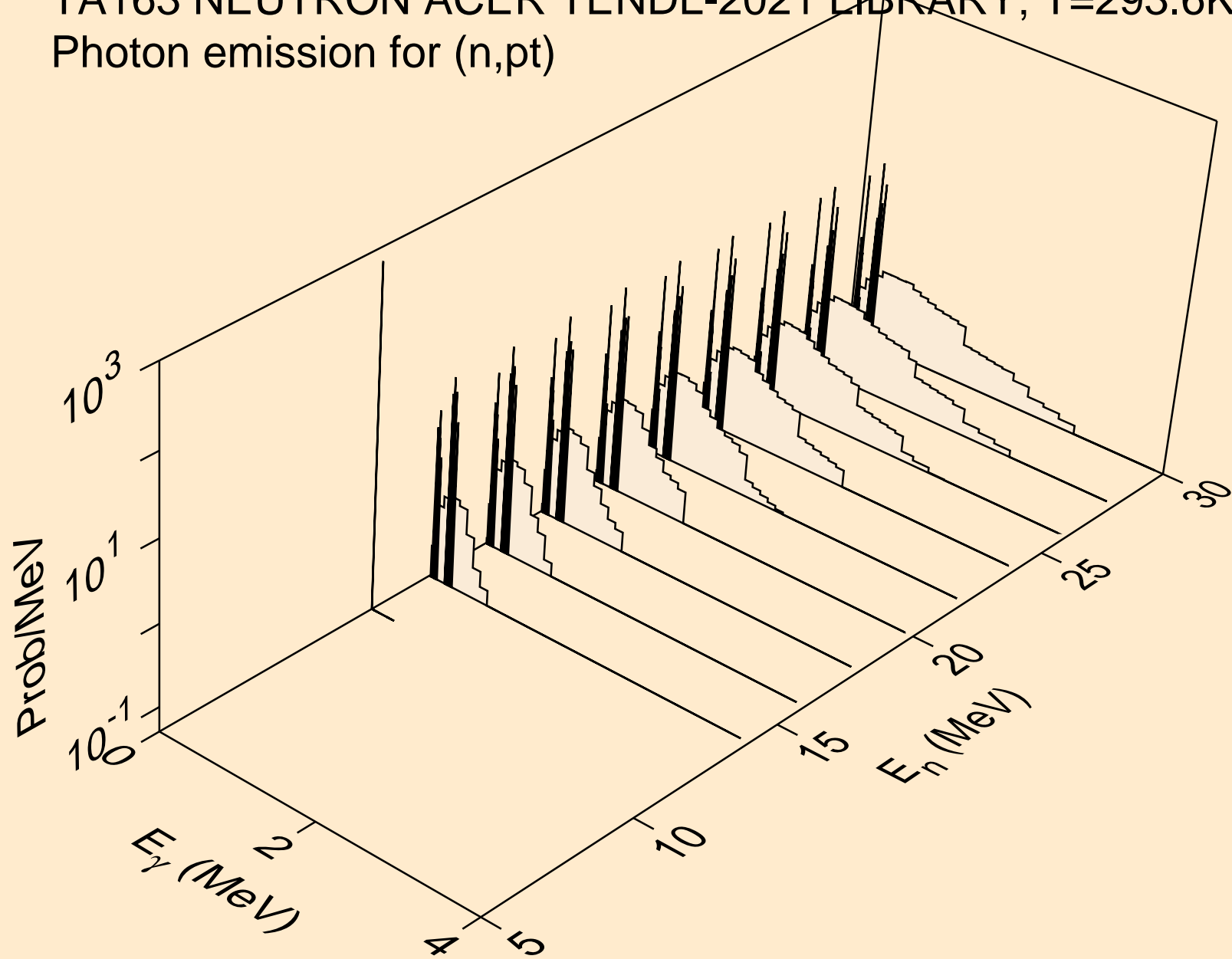
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,d2a)



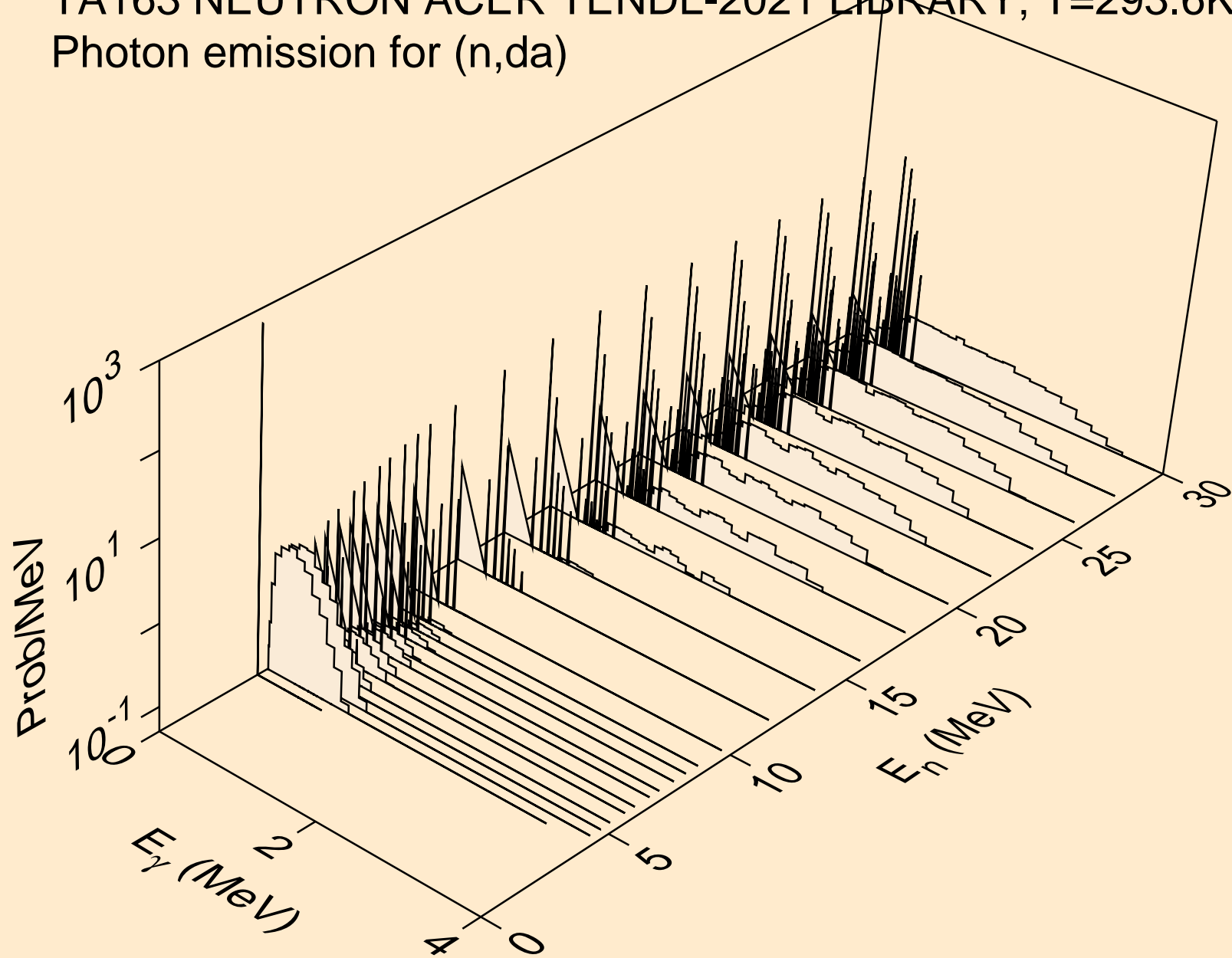
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pd)



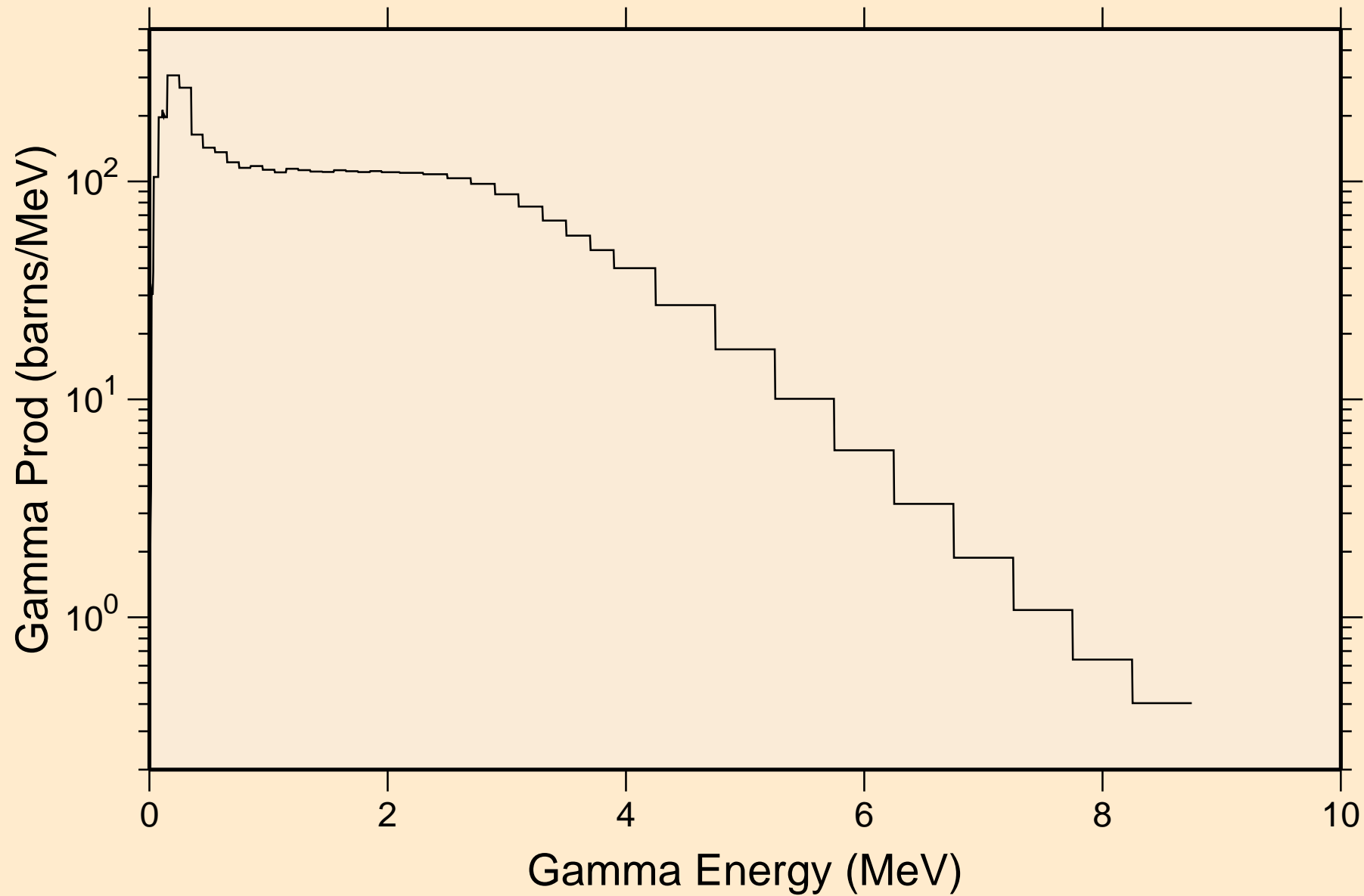
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pt)



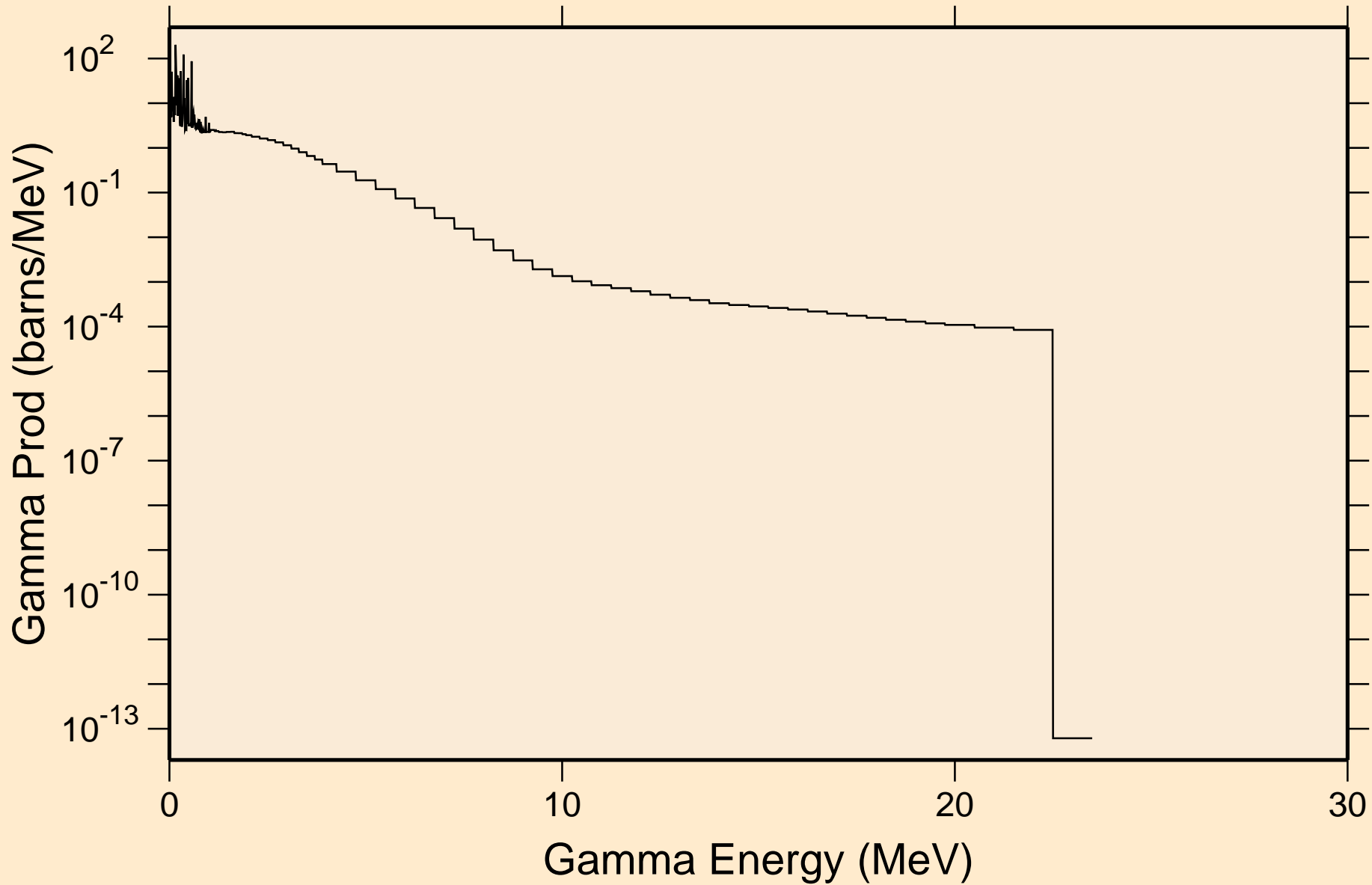
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,da)



TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
thermal capture photon spectrum

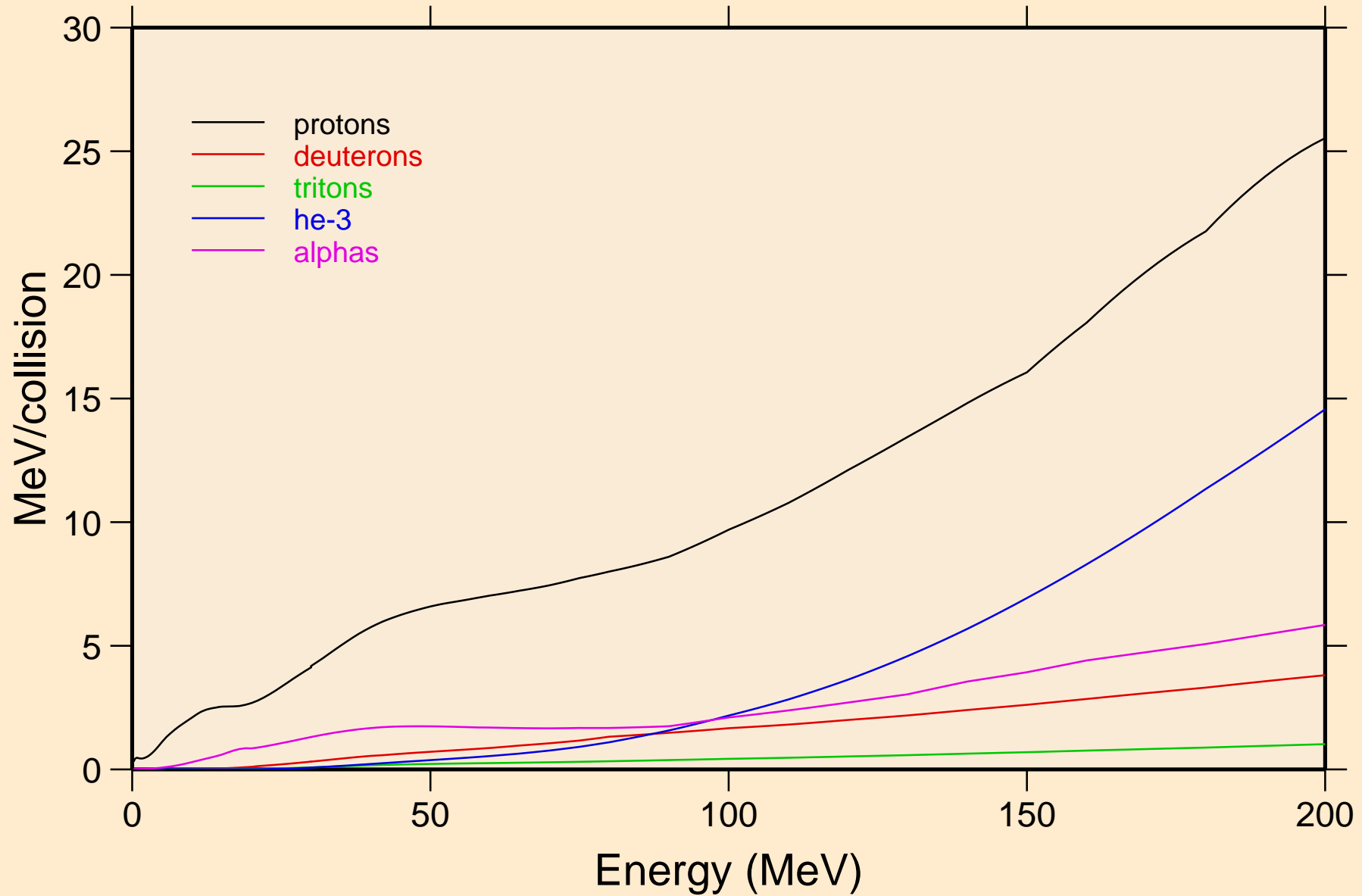


TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
14 MeV photon spectrum

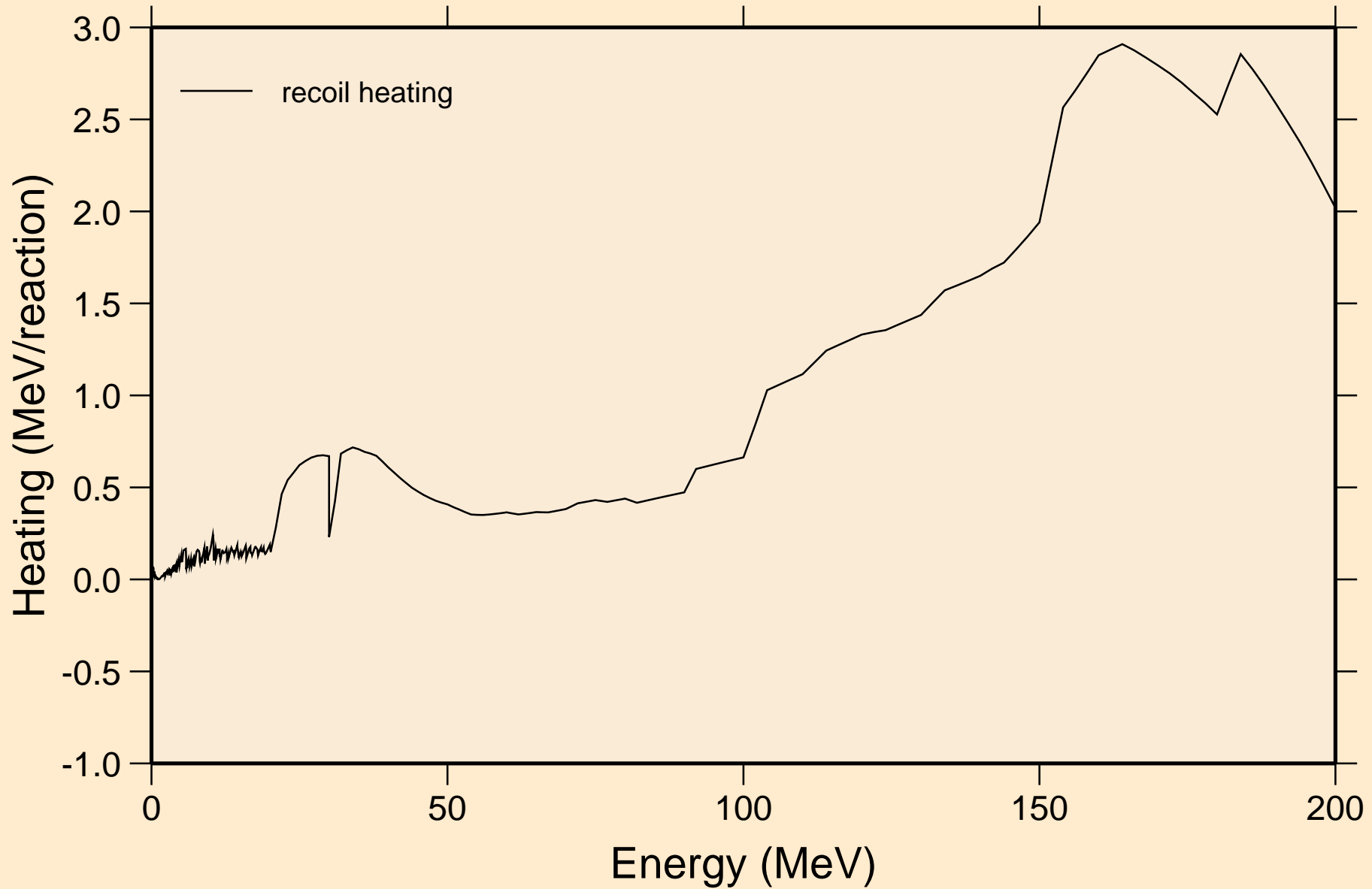


TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

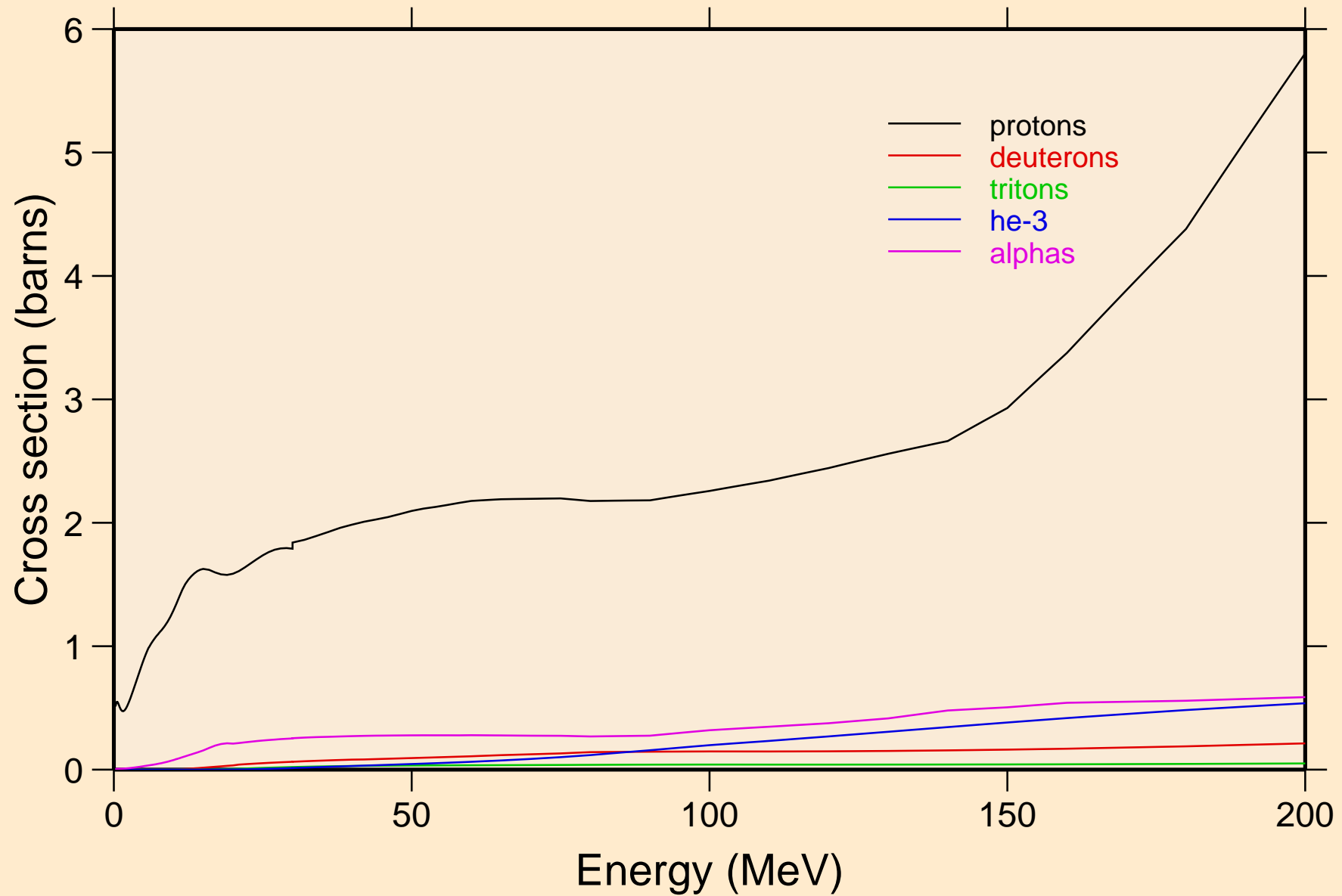
Particle heating contributions



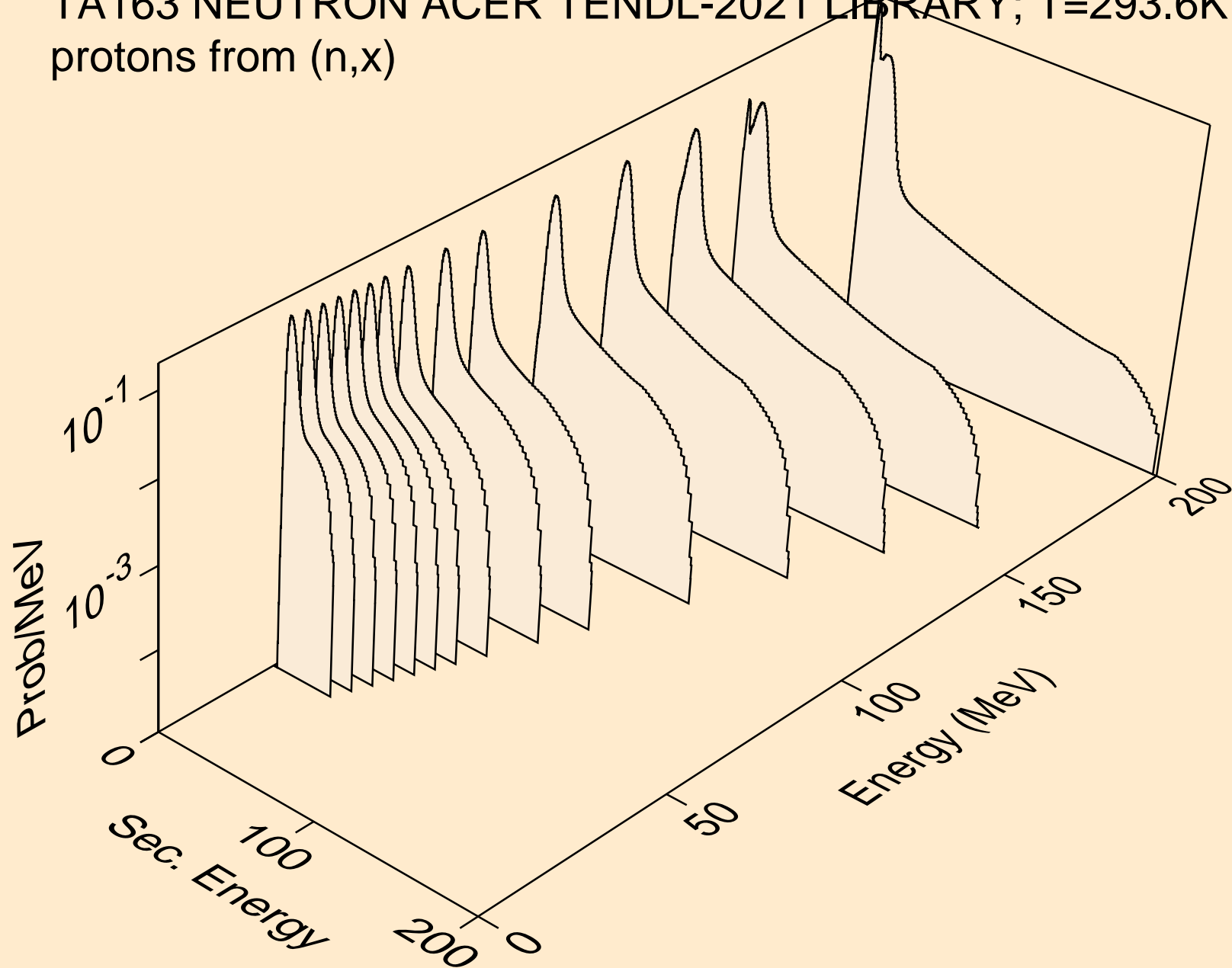
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Recoil Heating



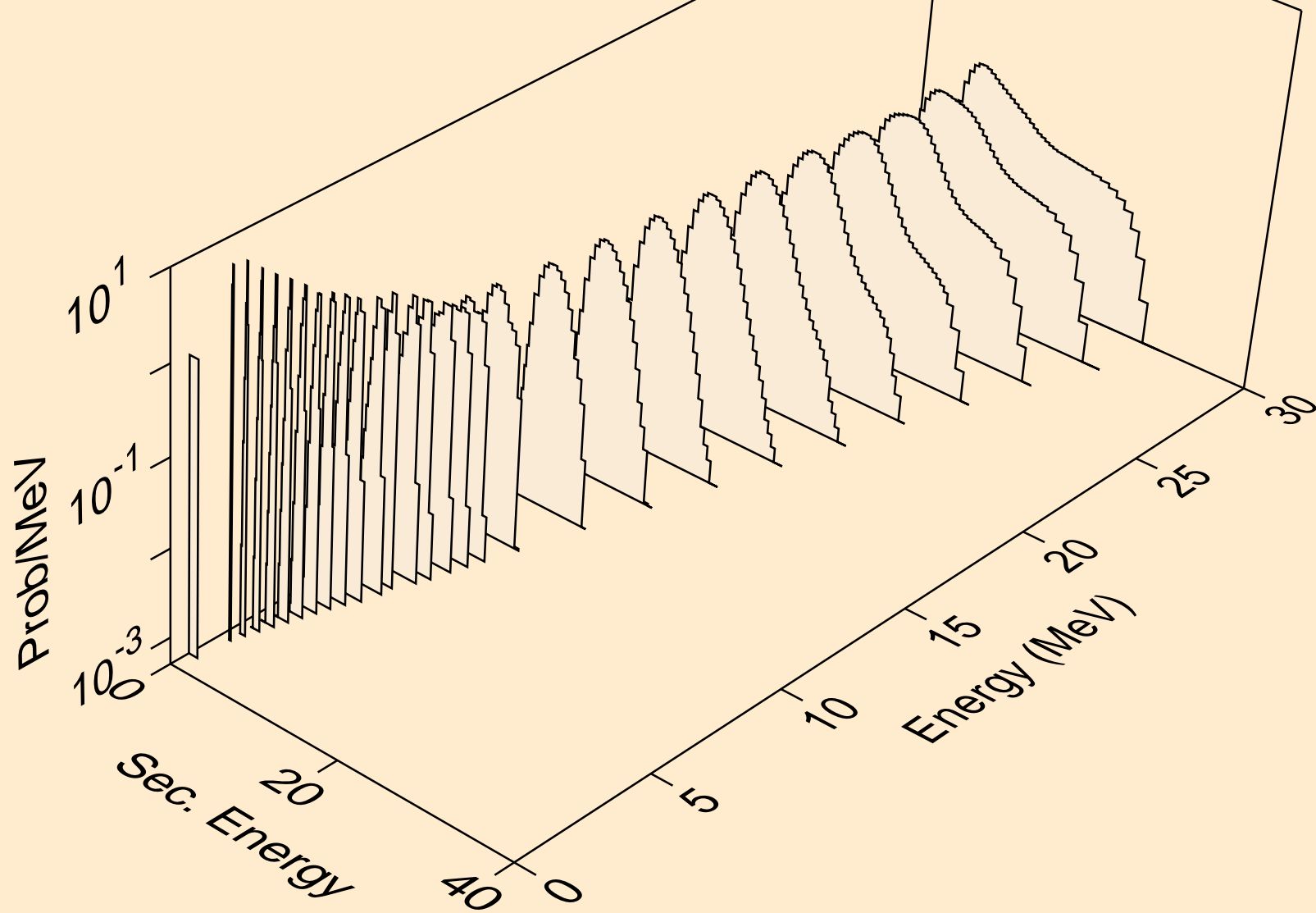
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Particle production cross sections



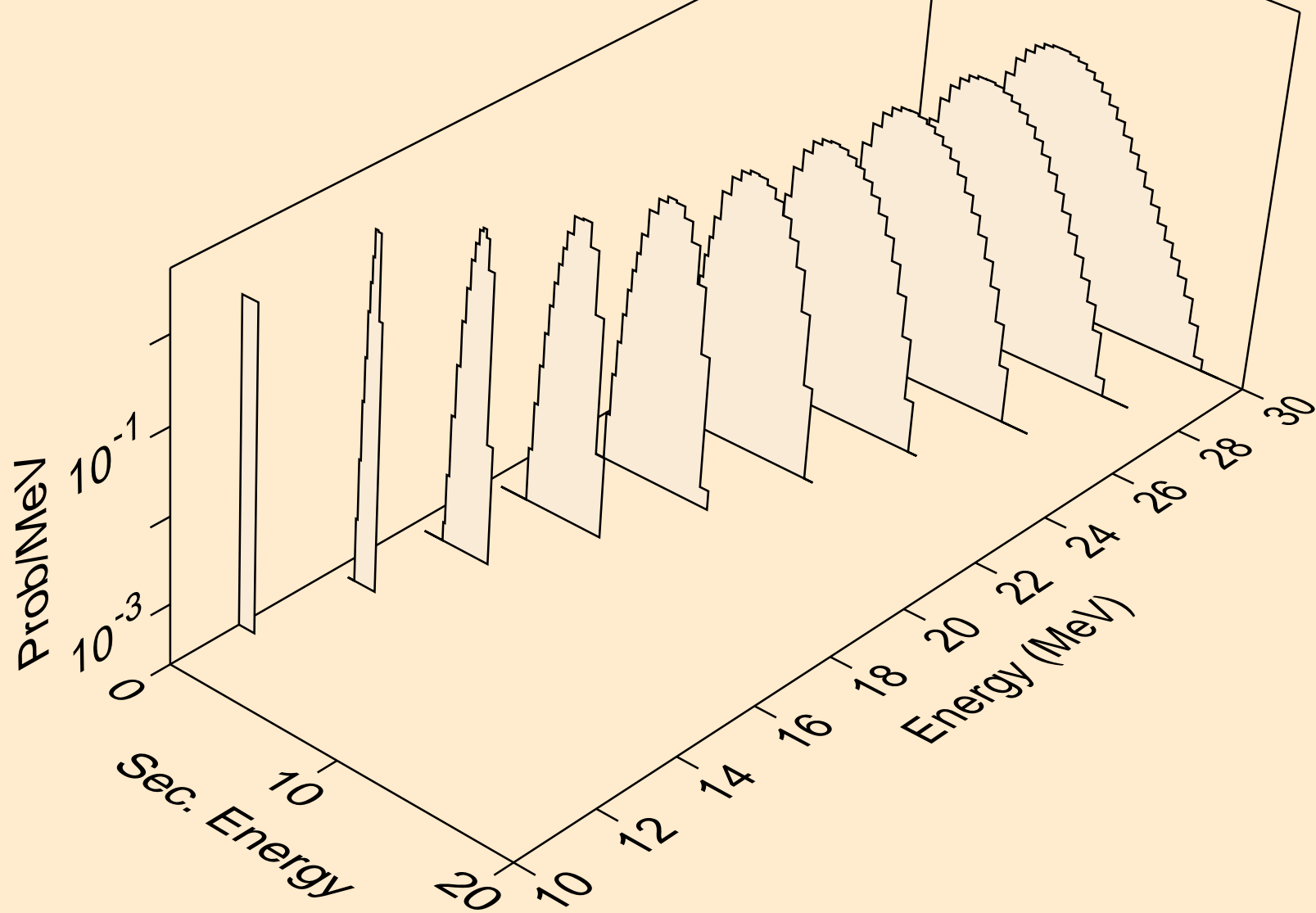
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,x)



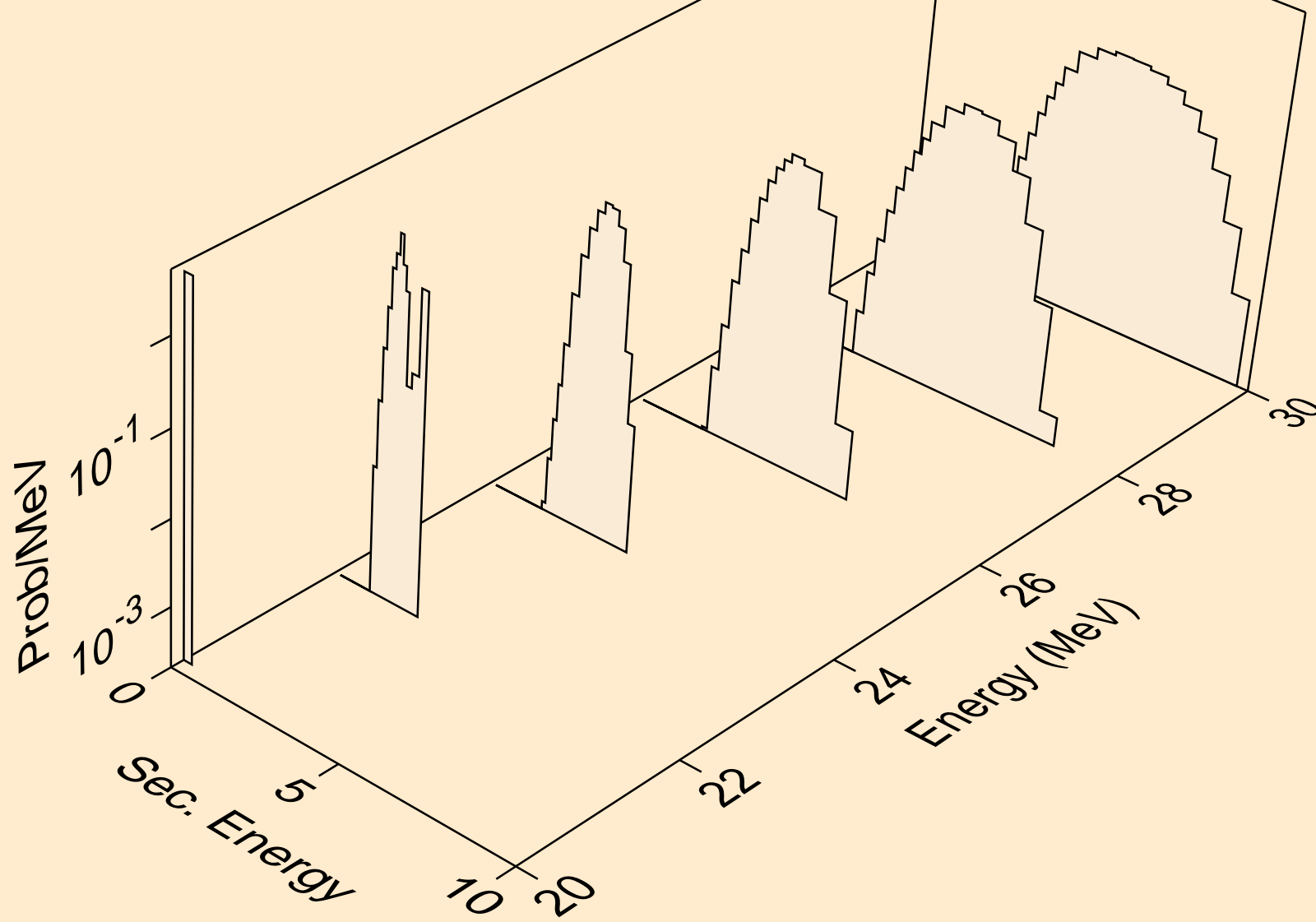
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,n*)p



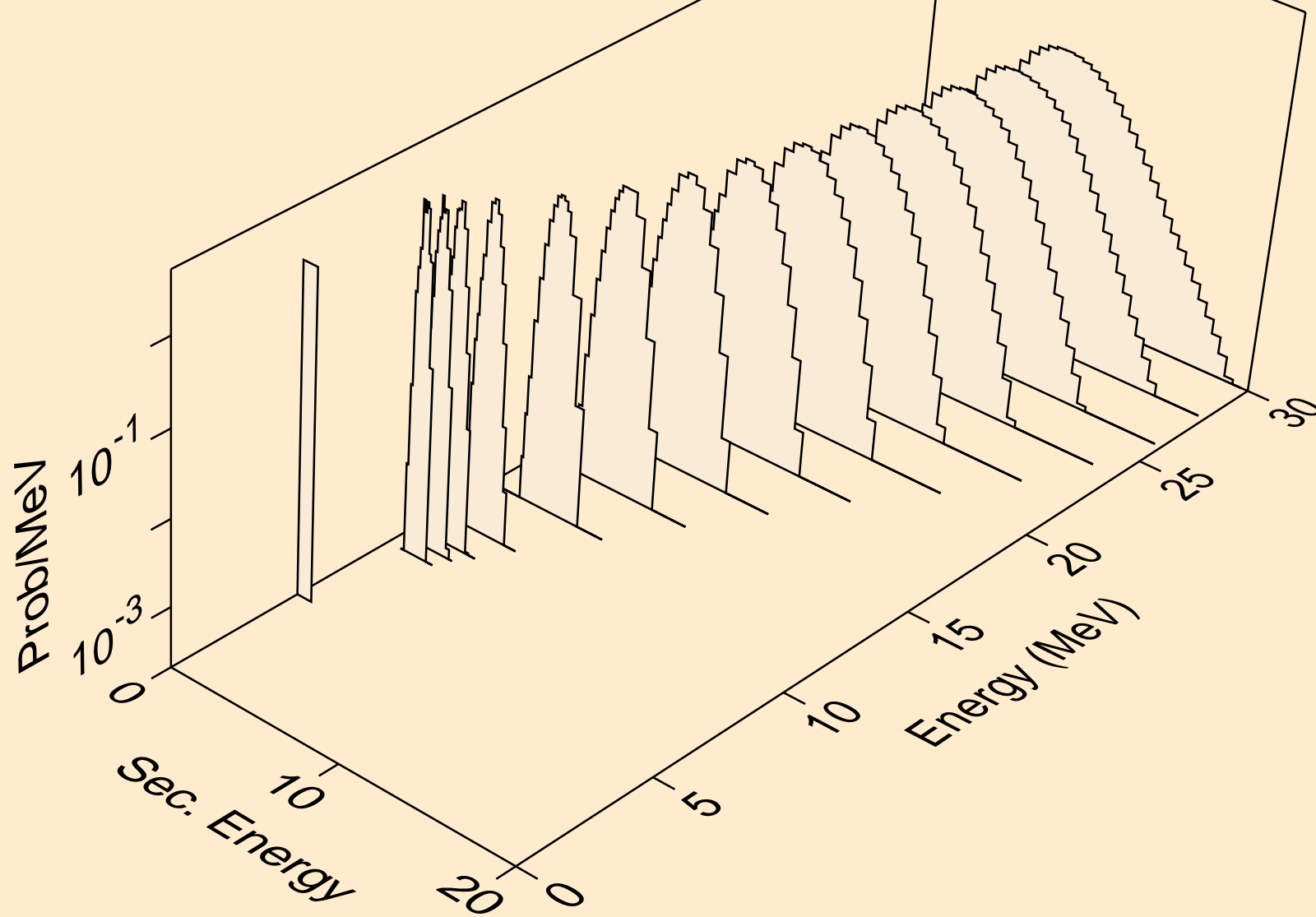
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2np)



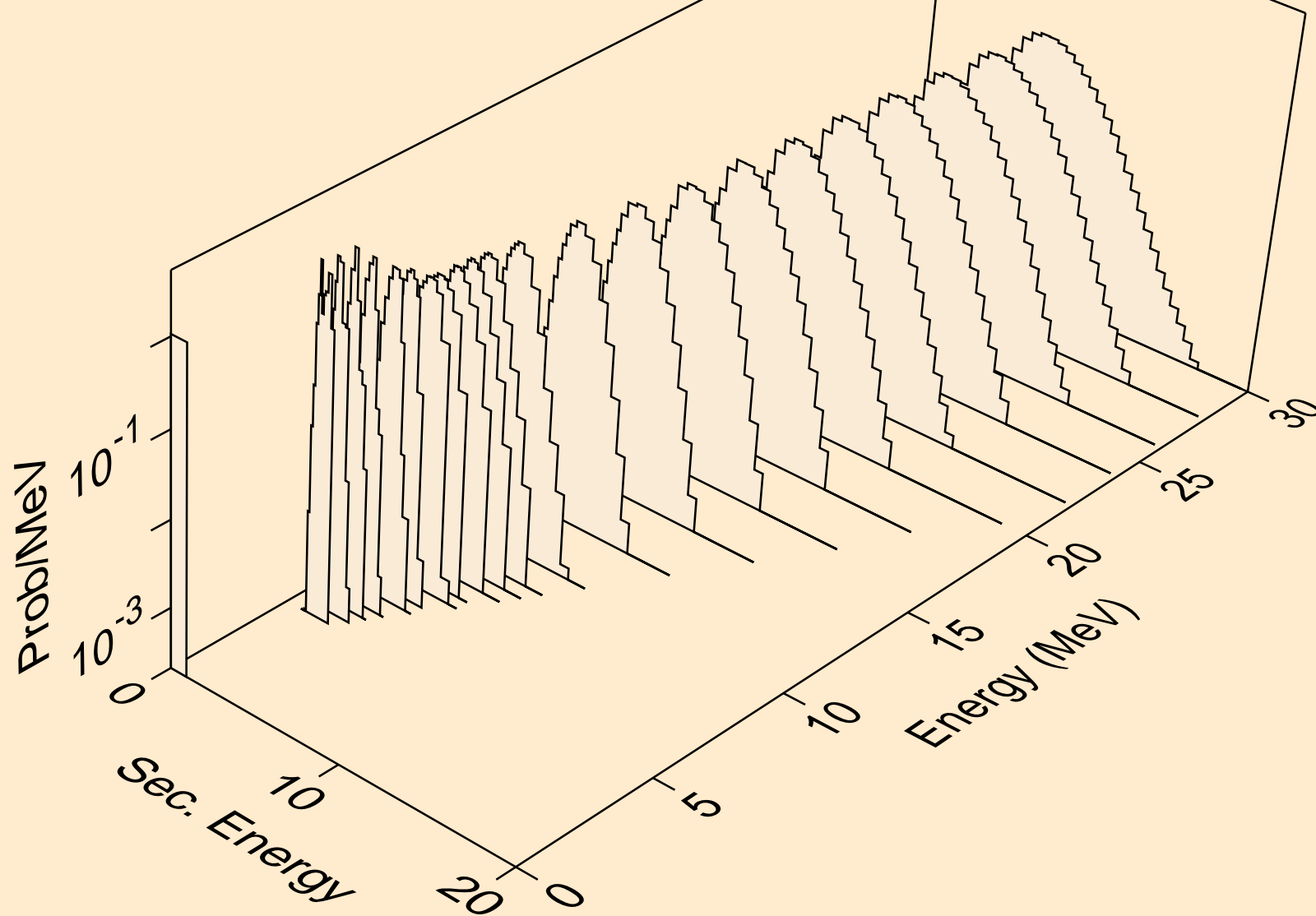
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,3np)



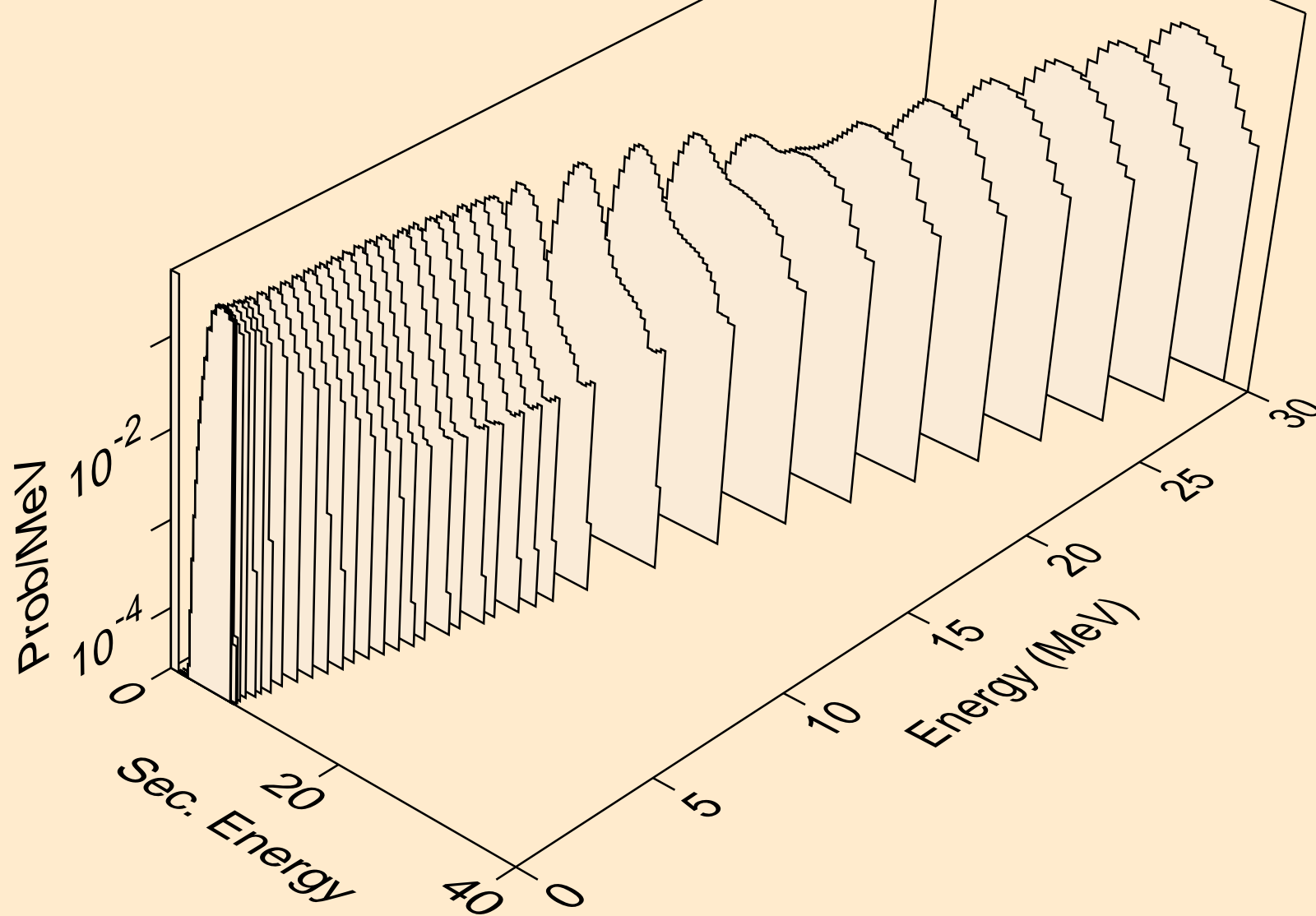
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2np)



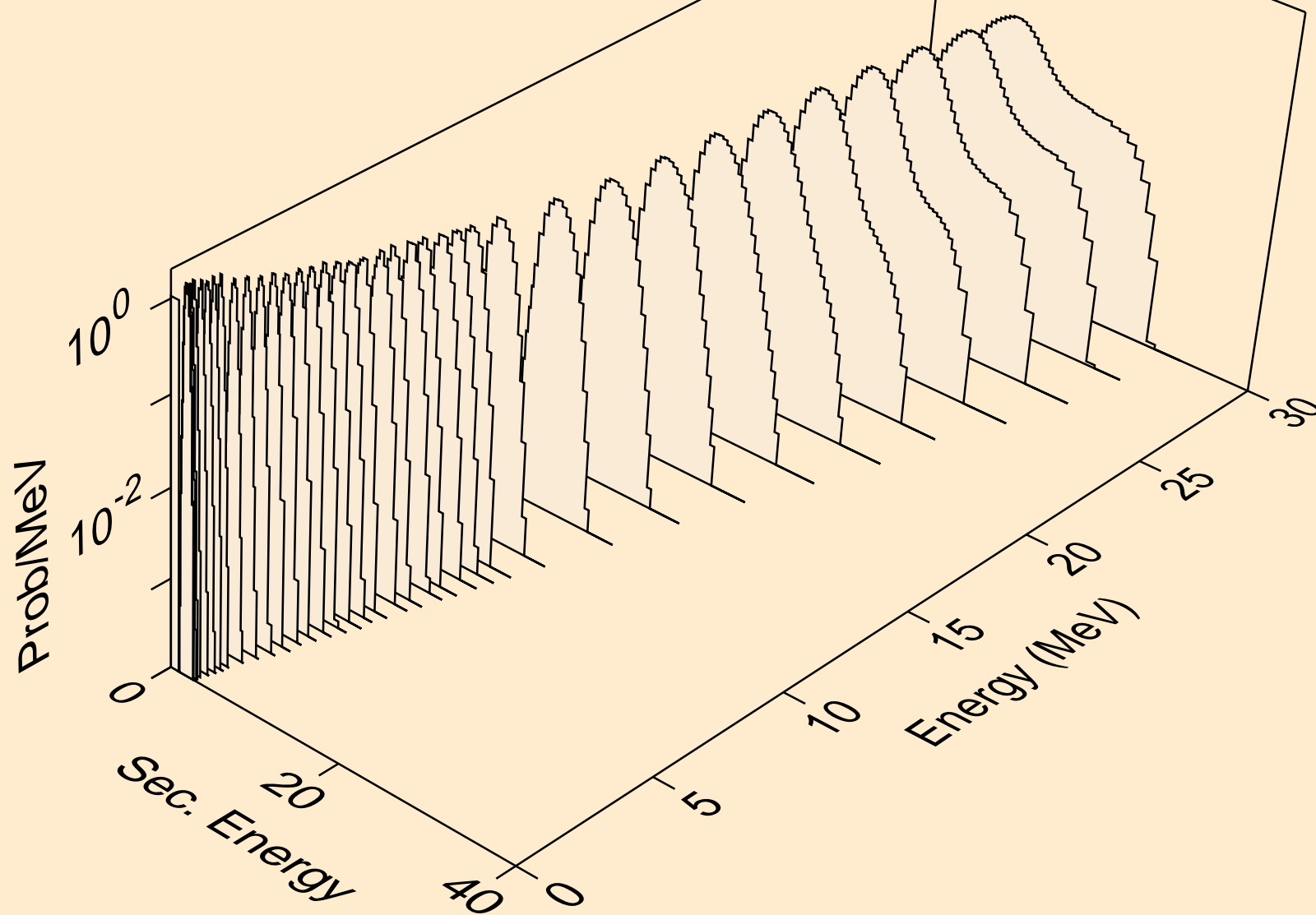
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,npa)



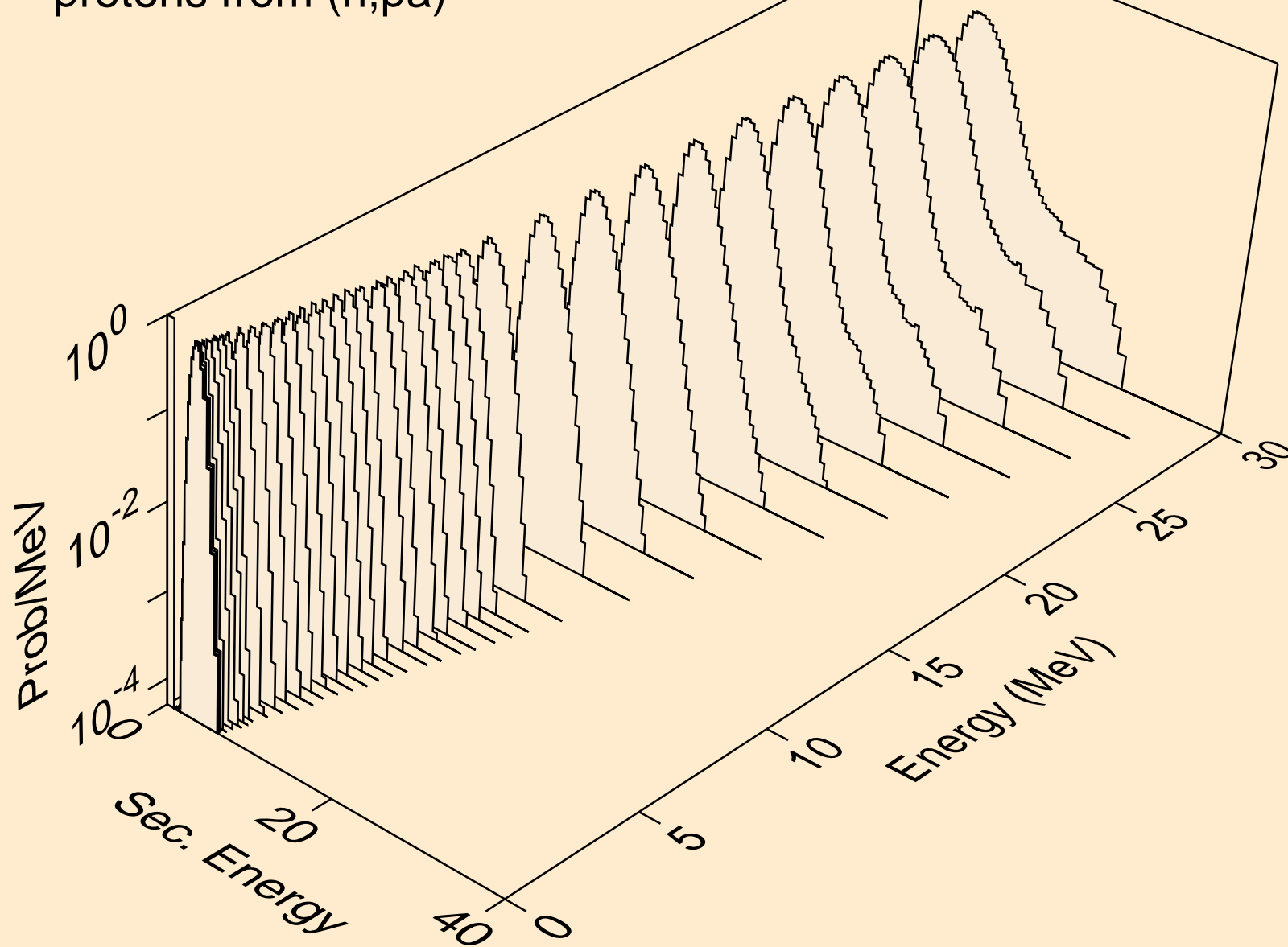
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,p)



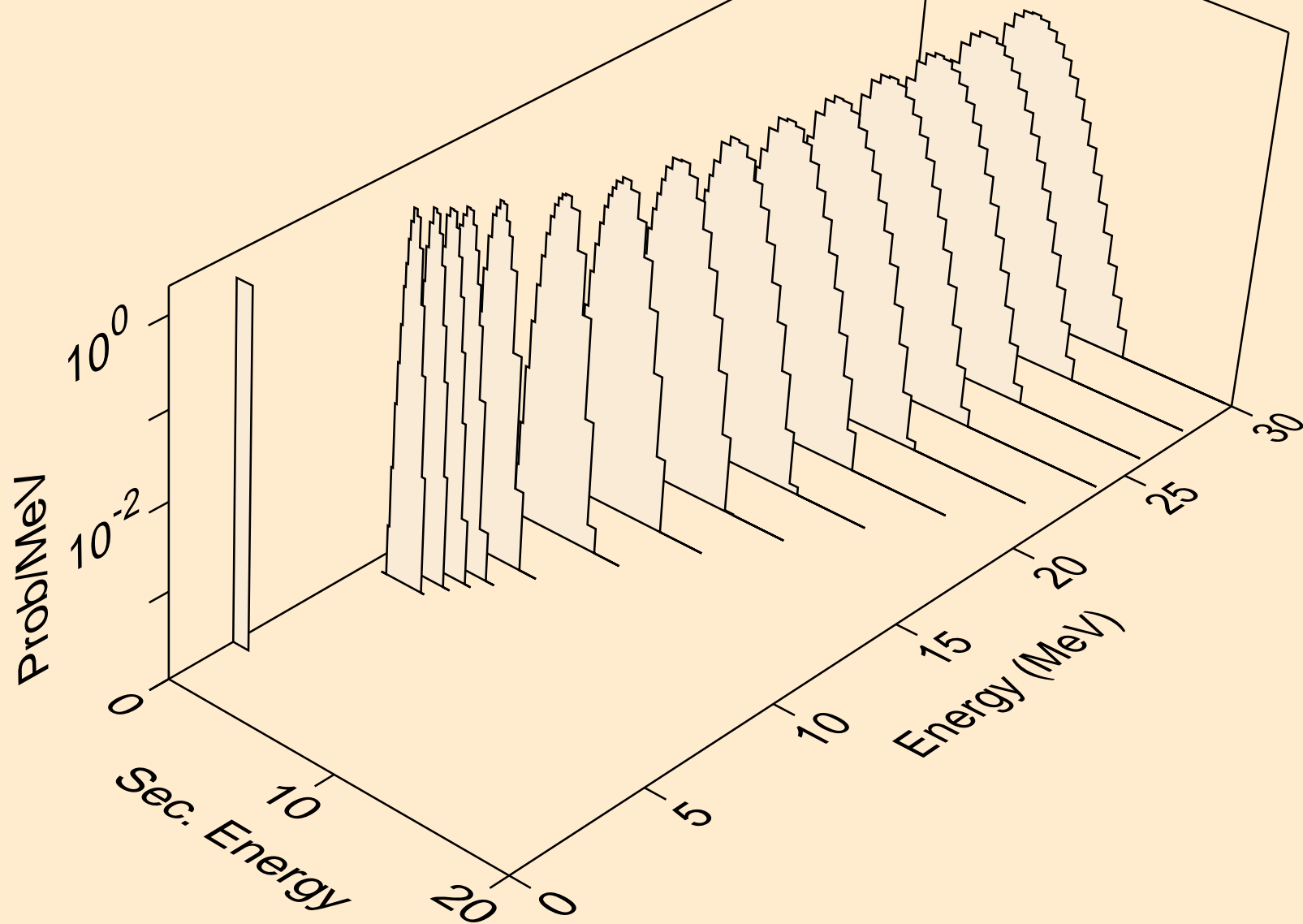
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2p)



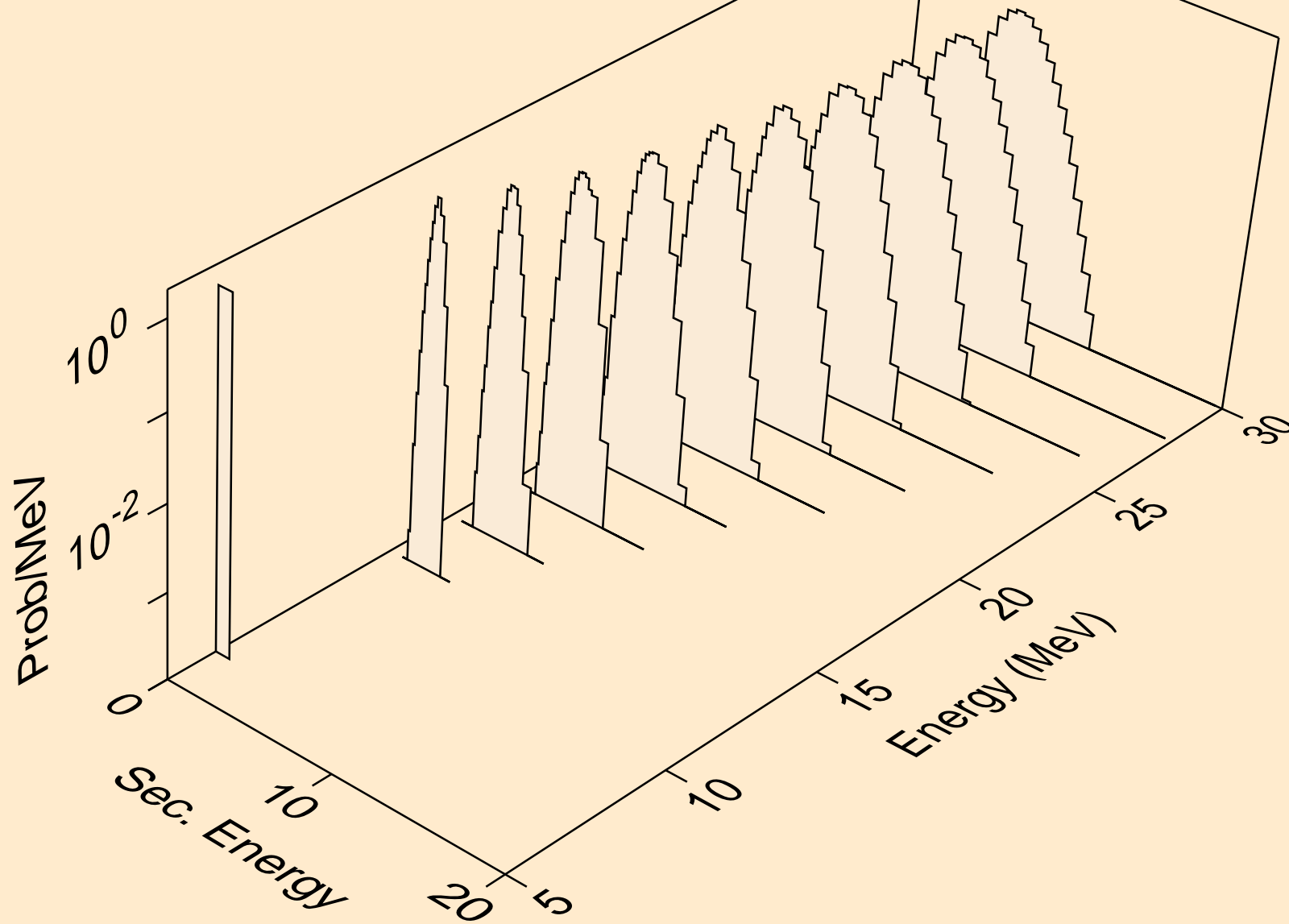
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,p)



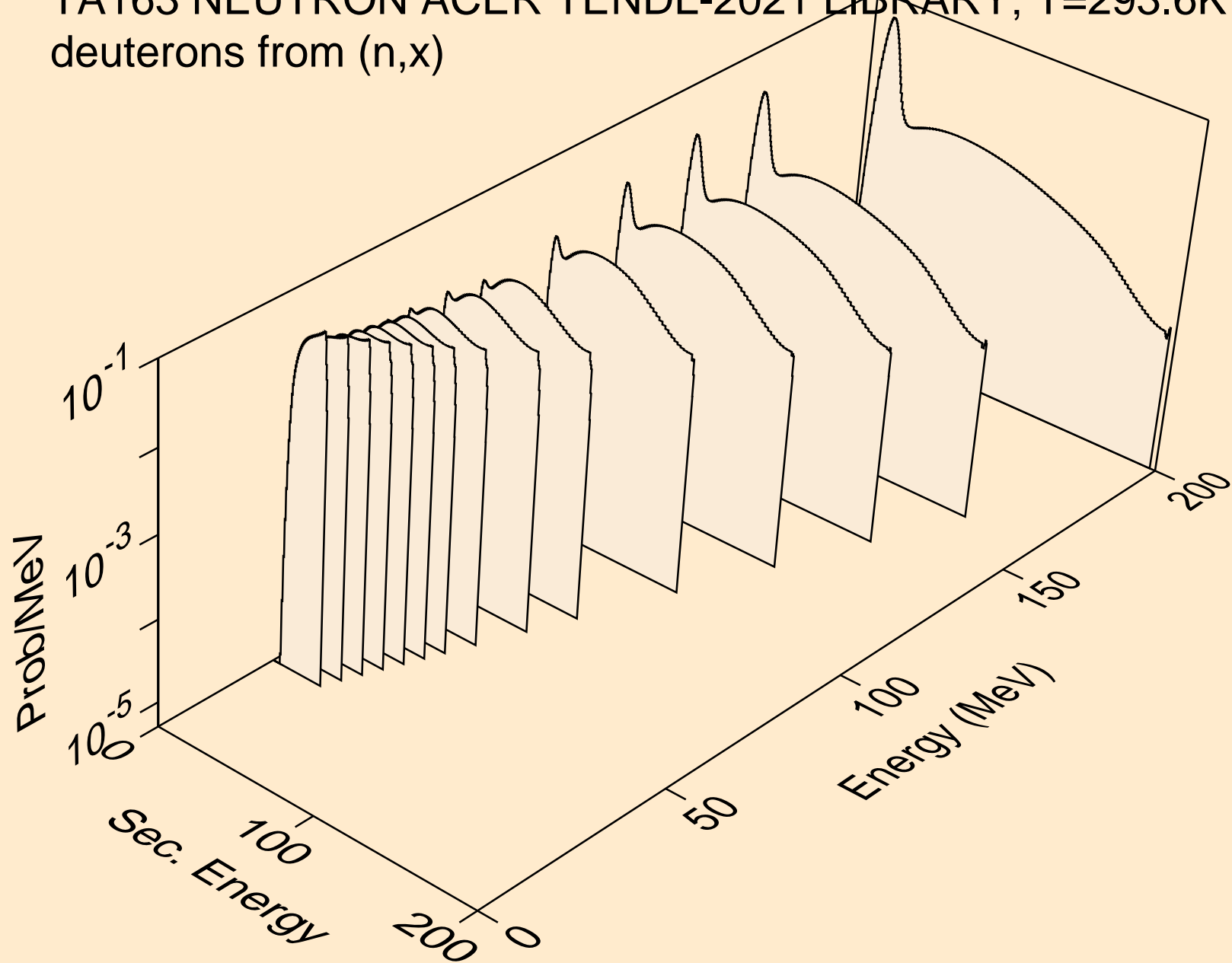
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pd)



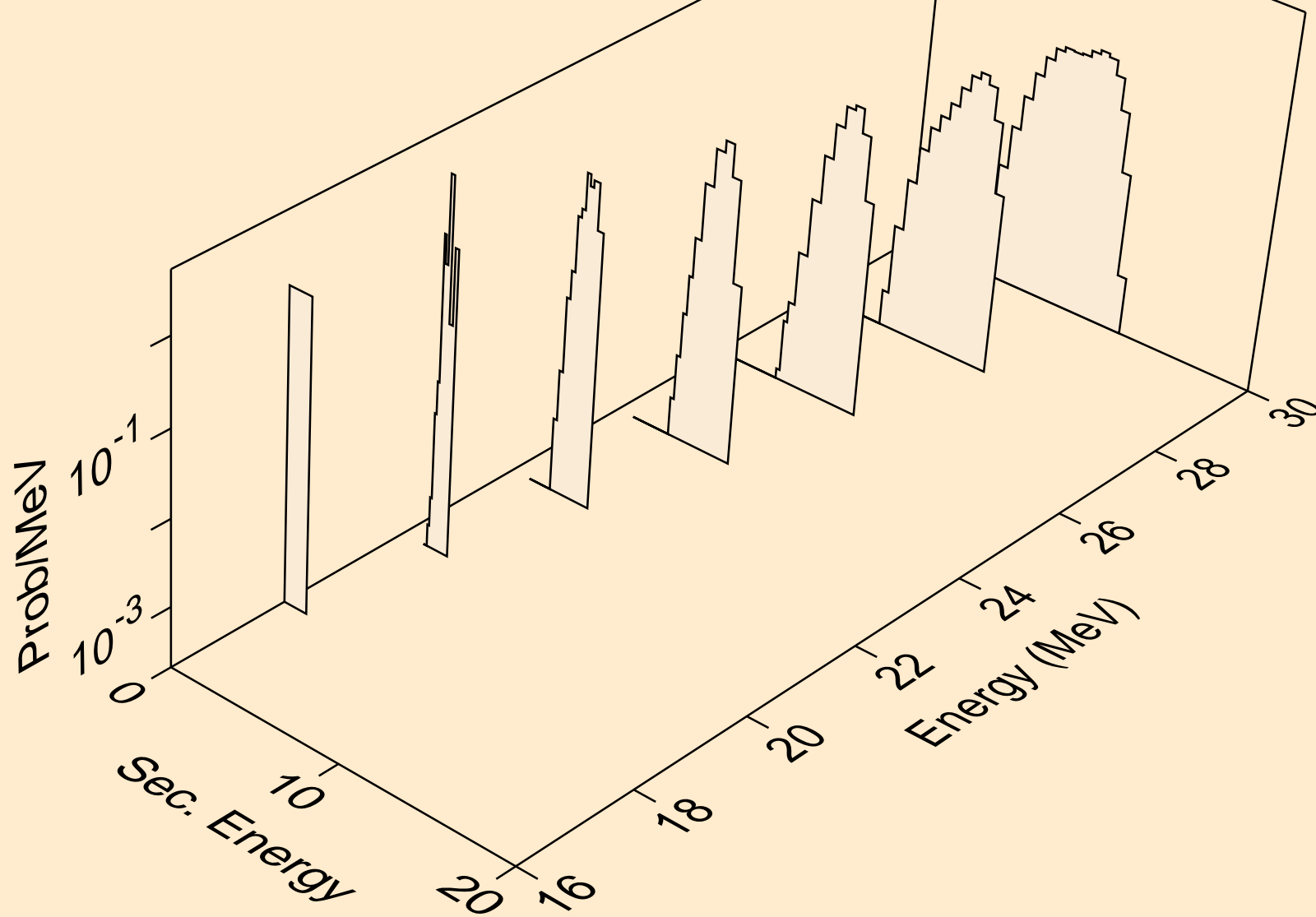
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pt)



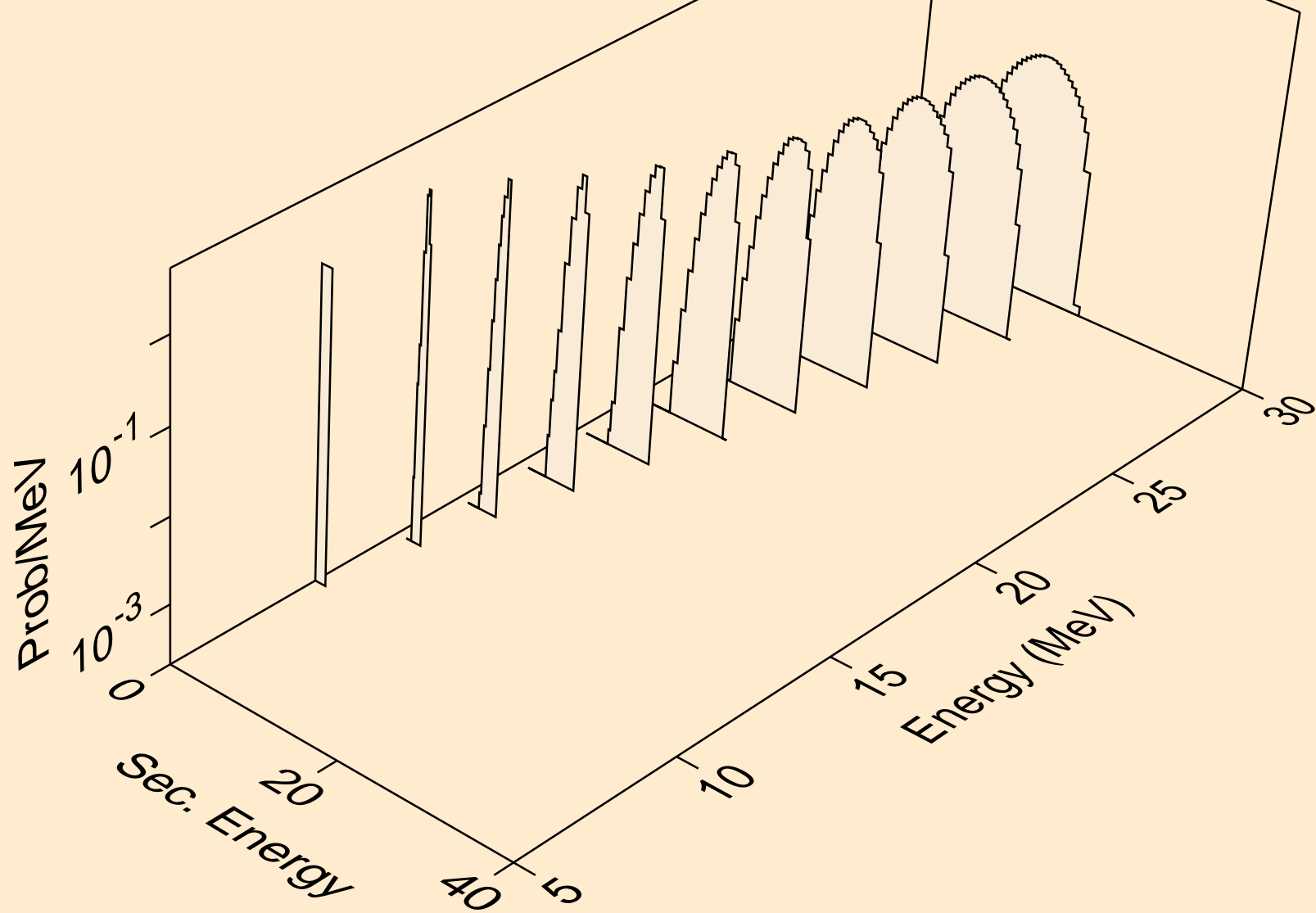
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,x)



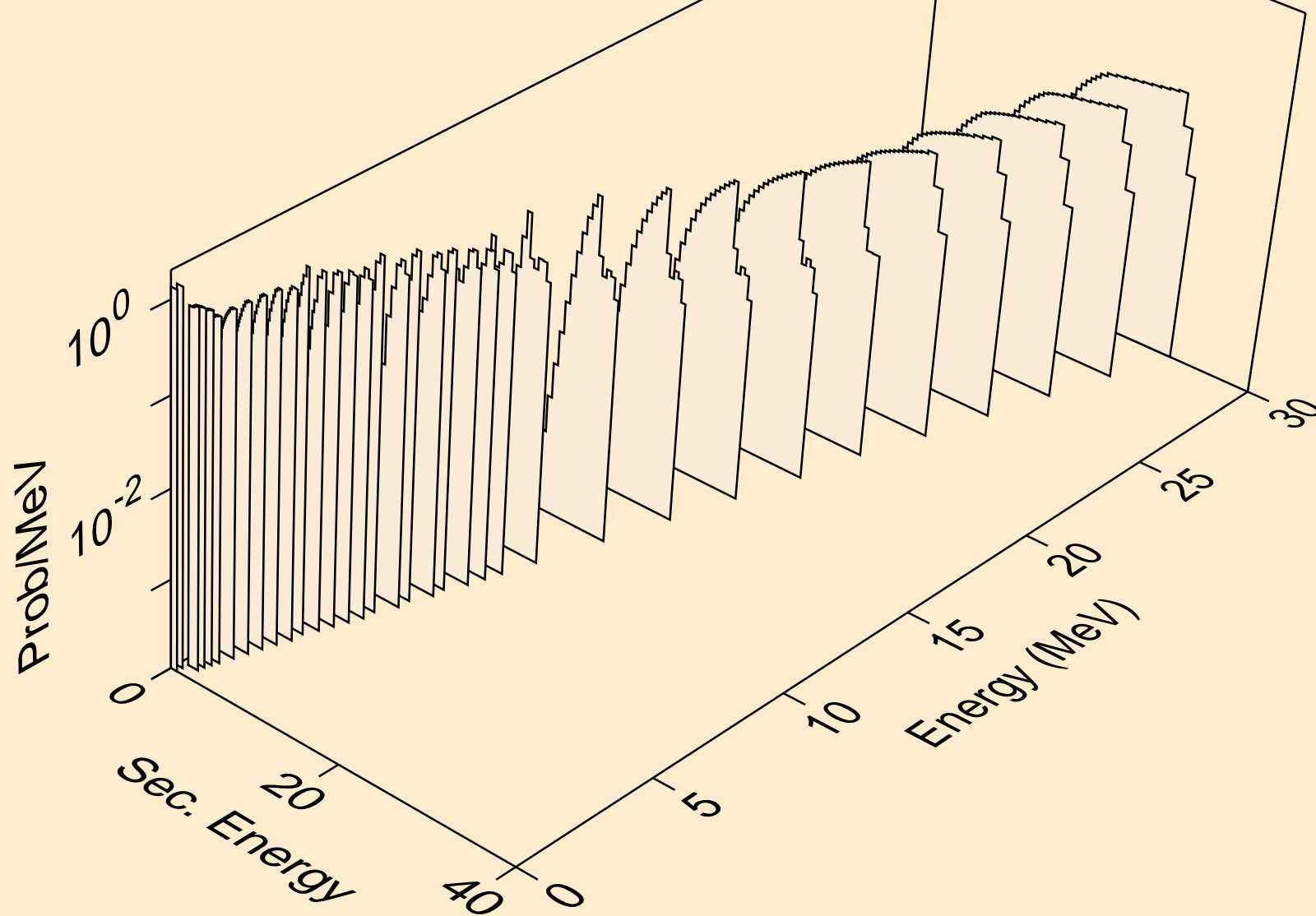
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,2nd)



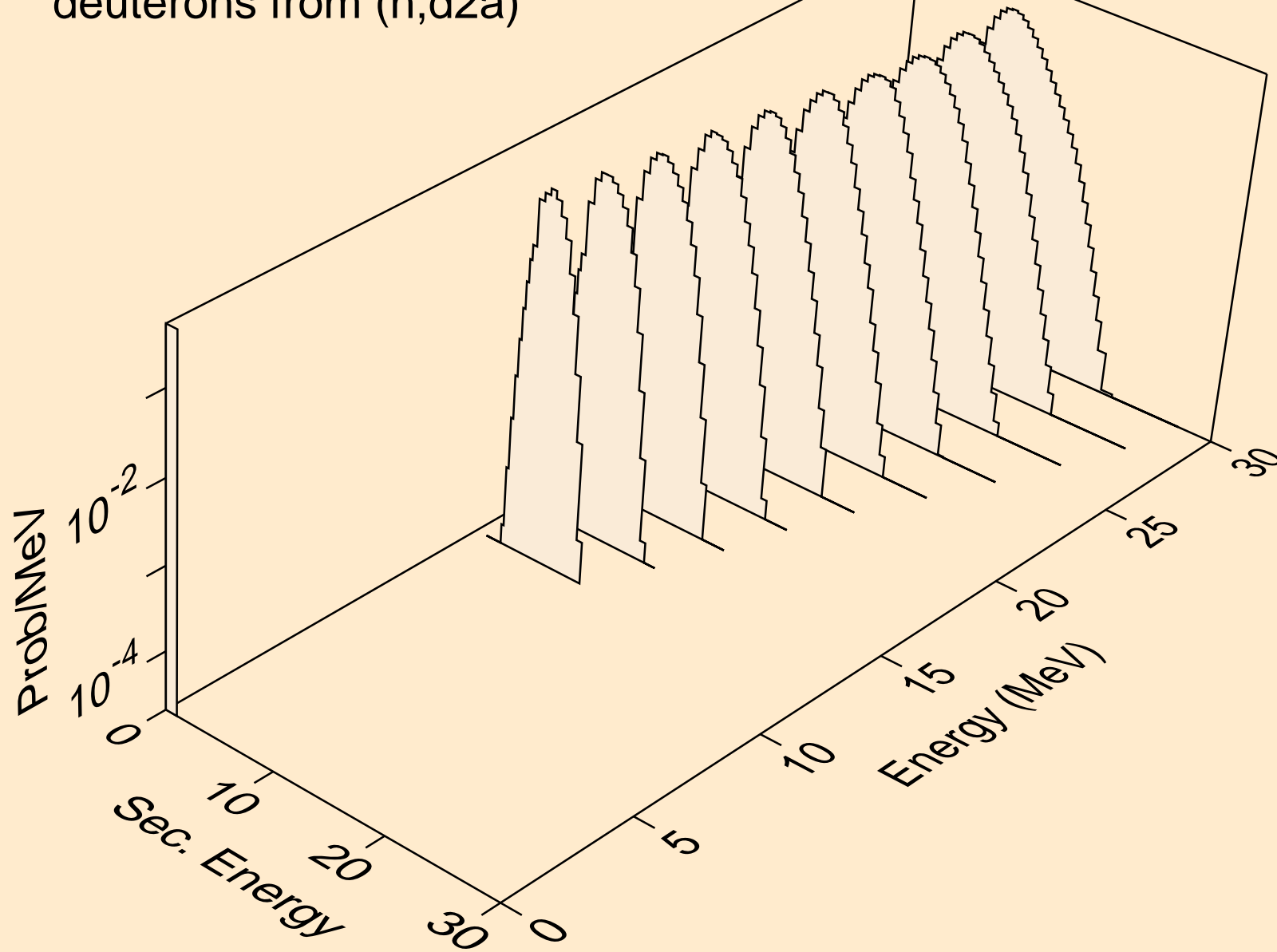
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,n*)d



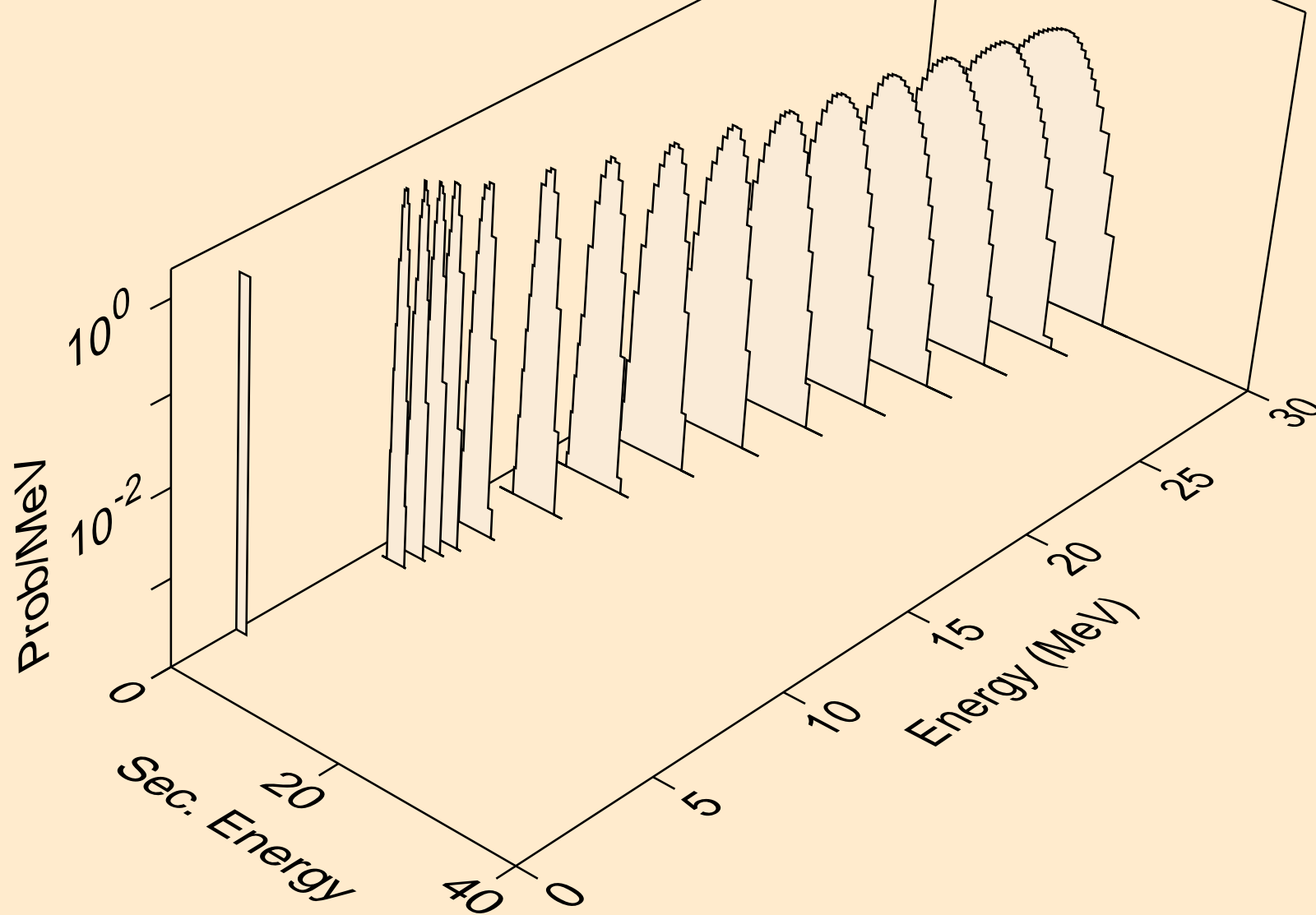
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,d)



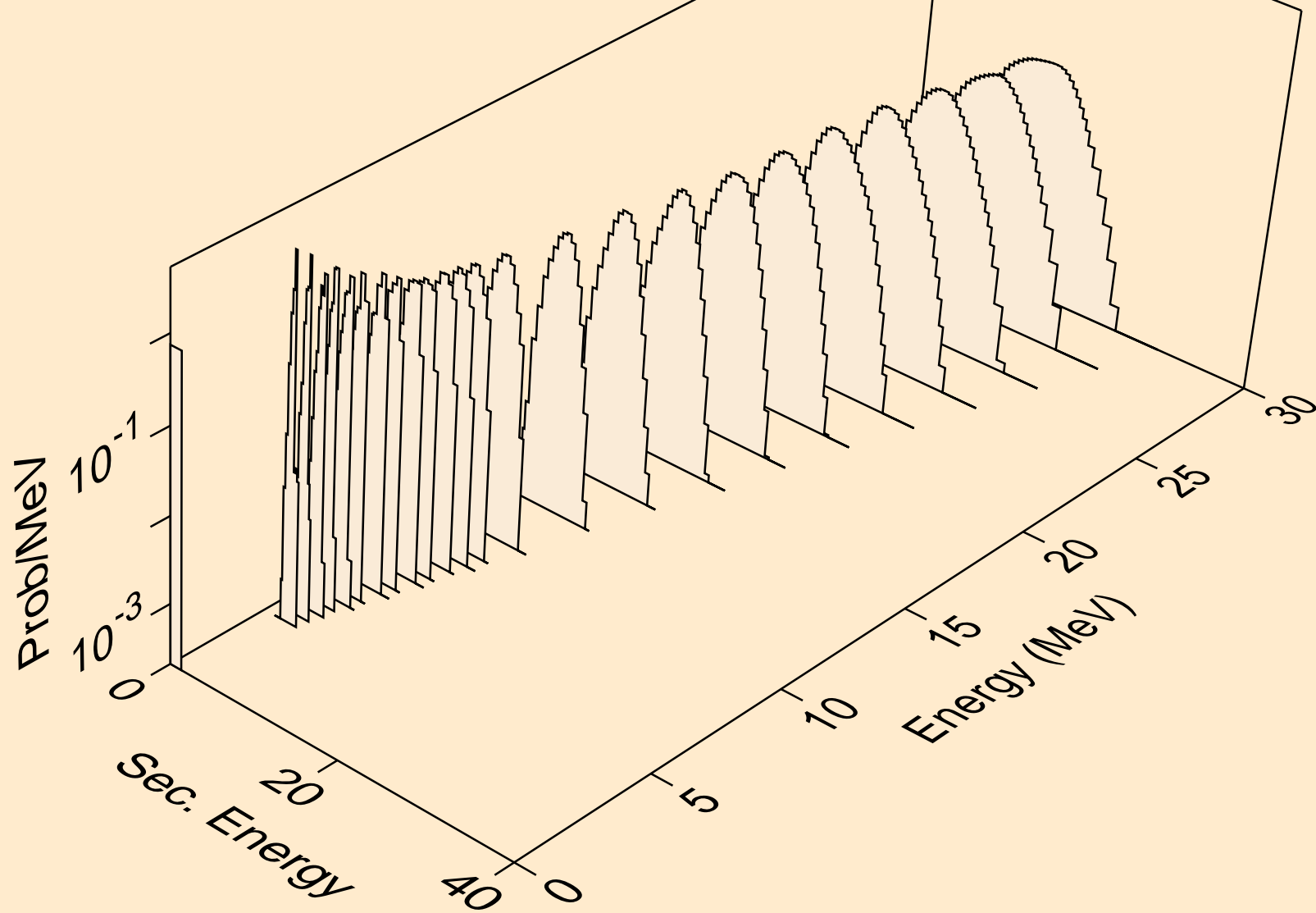
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,d2a)



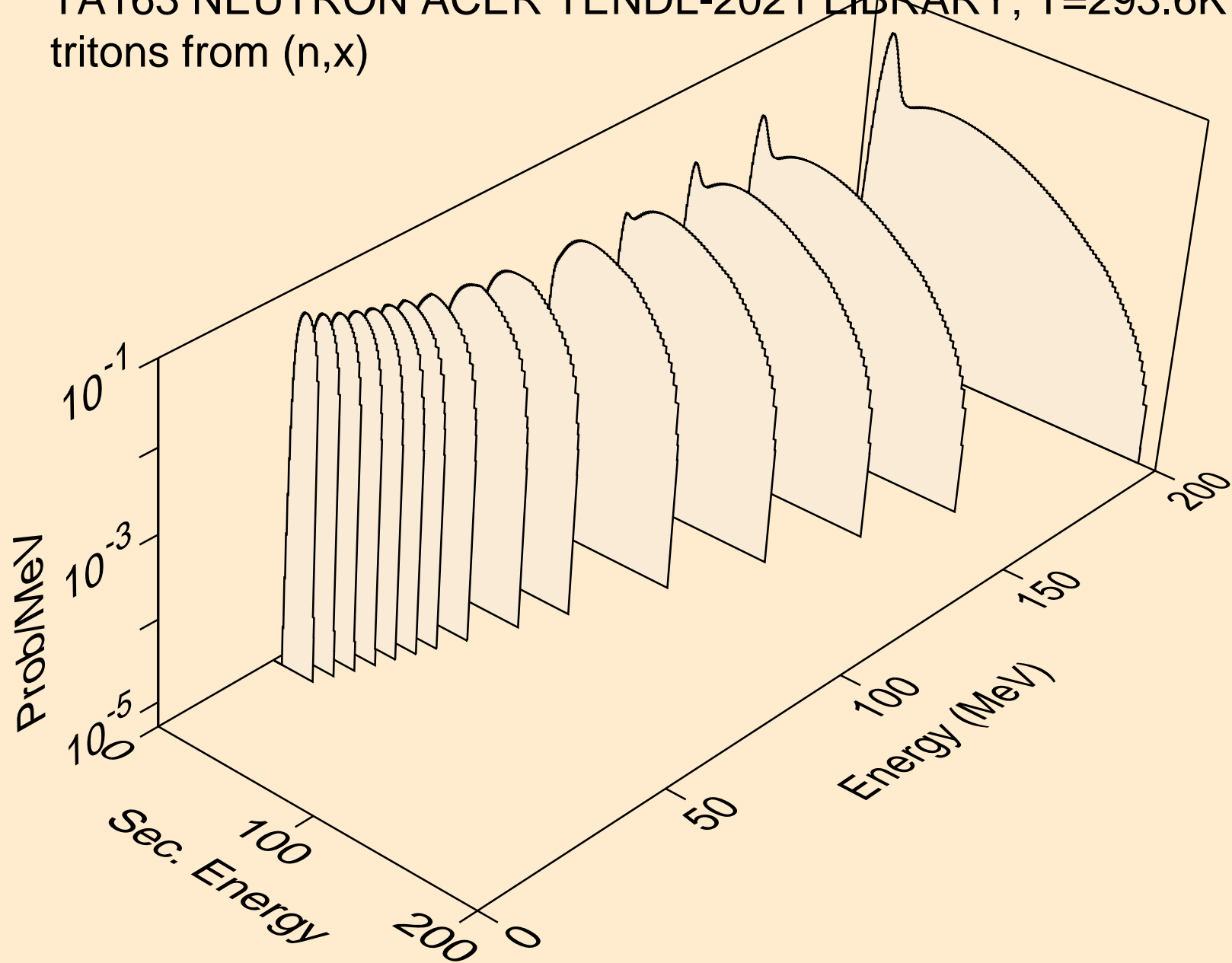
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,pd)



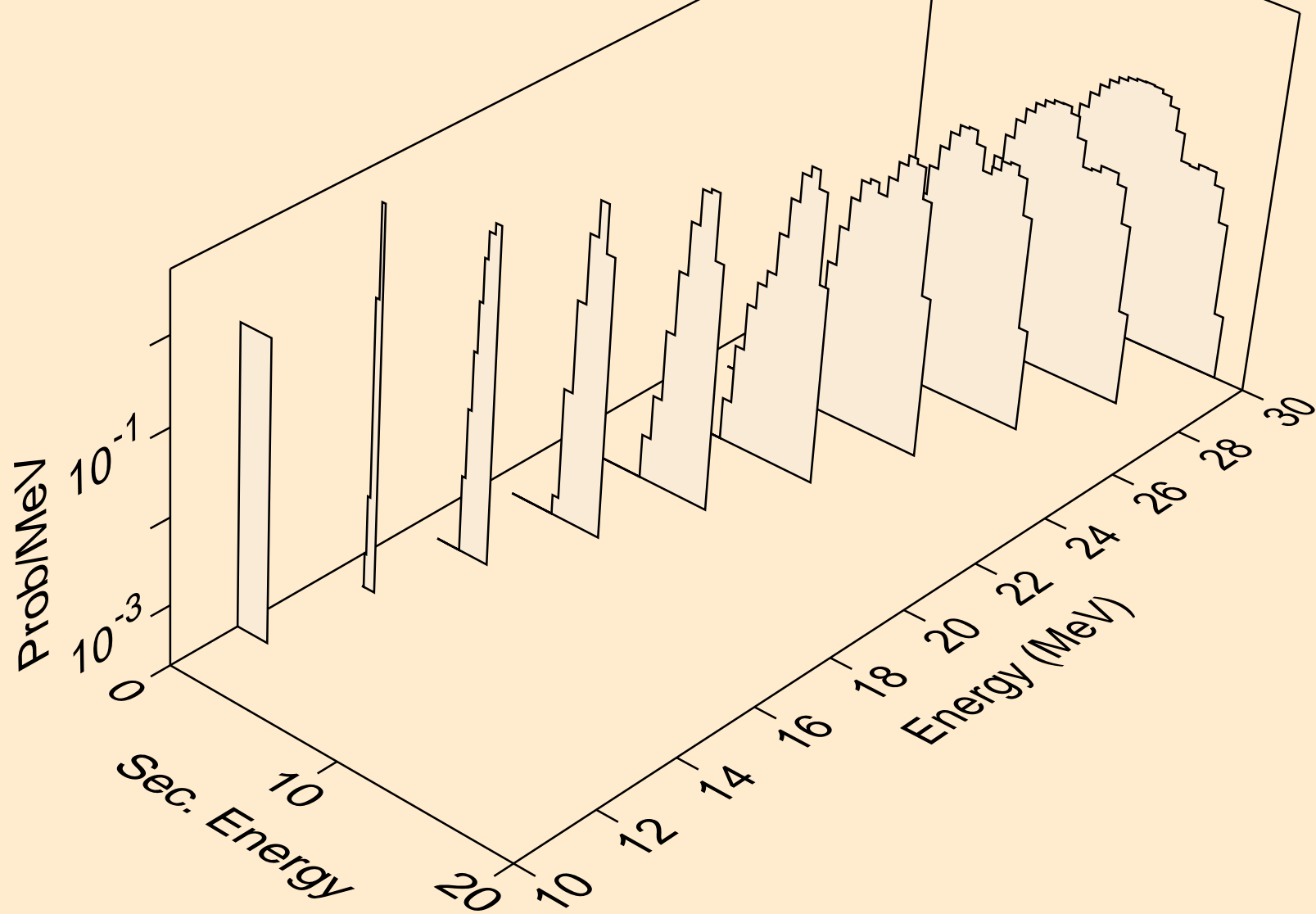
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,da)



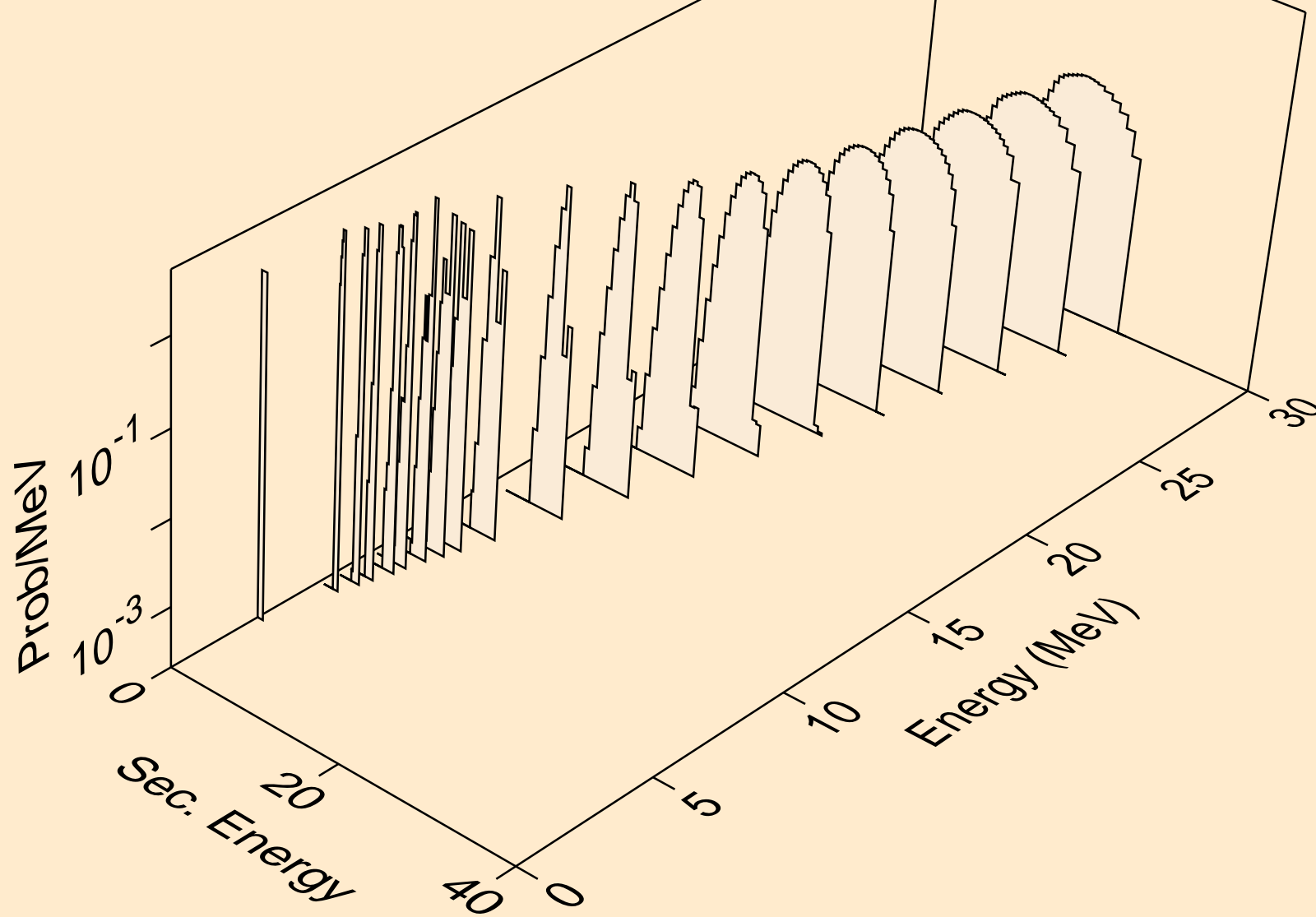
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,x)



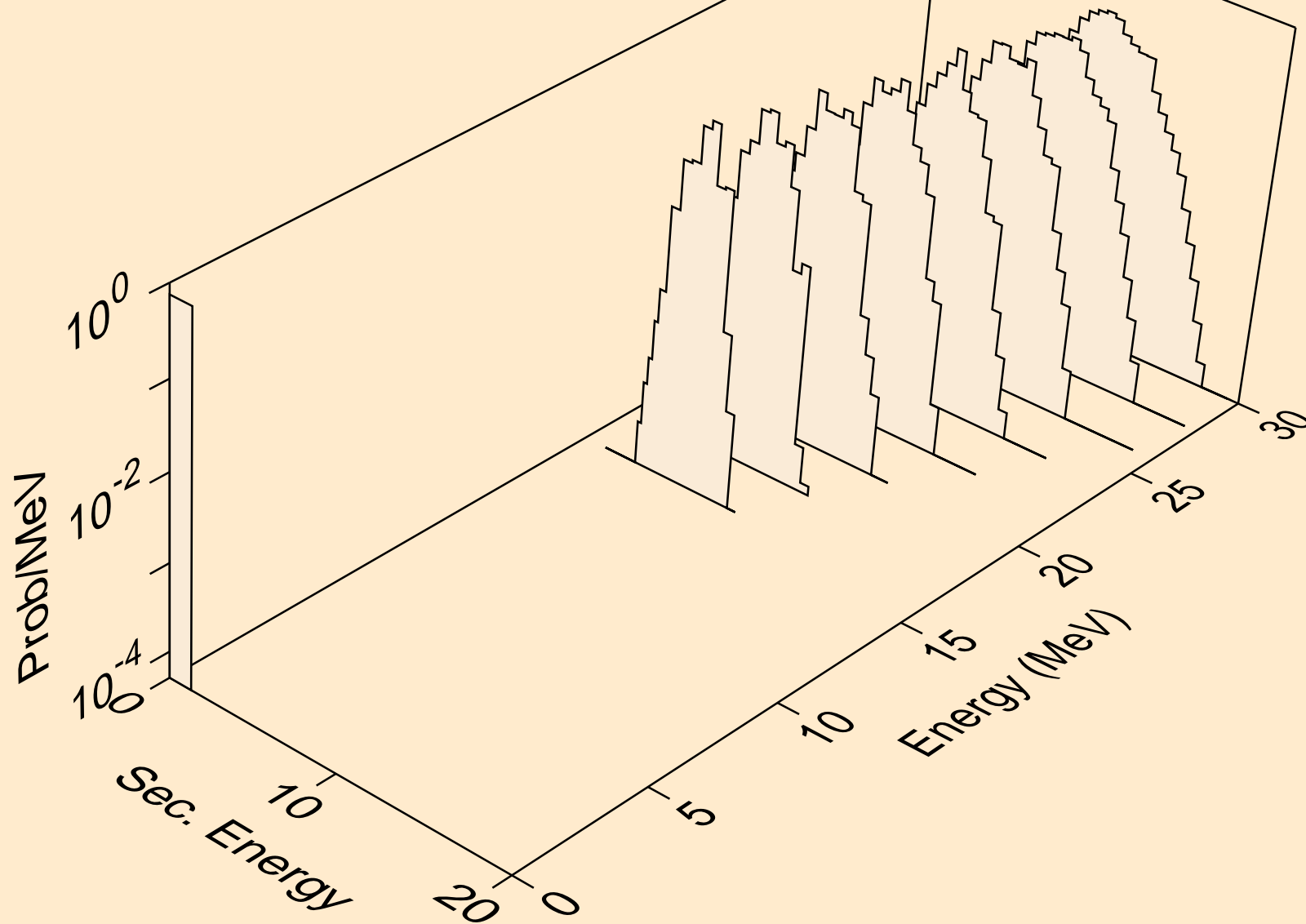
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,n*)t



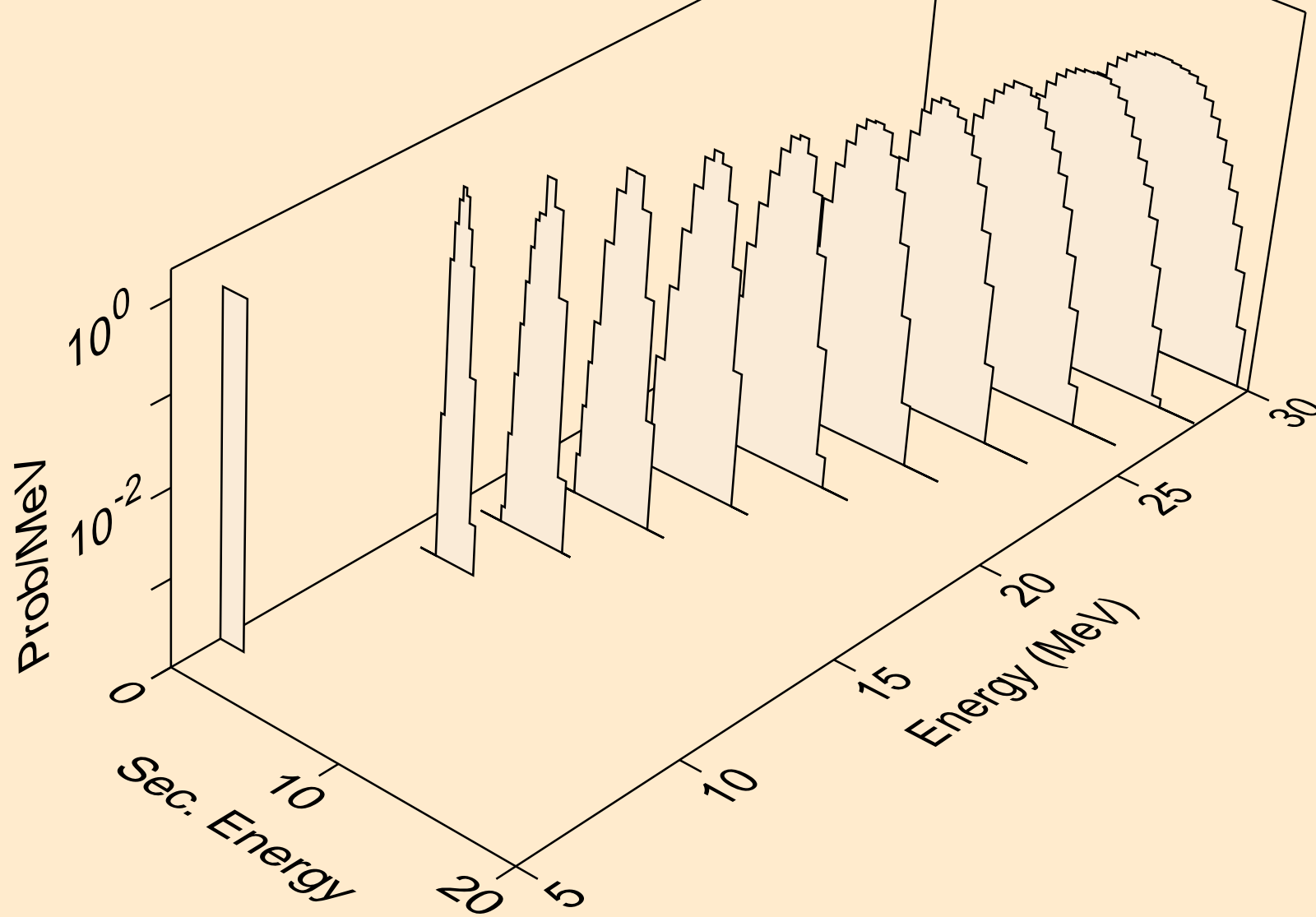
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,t)



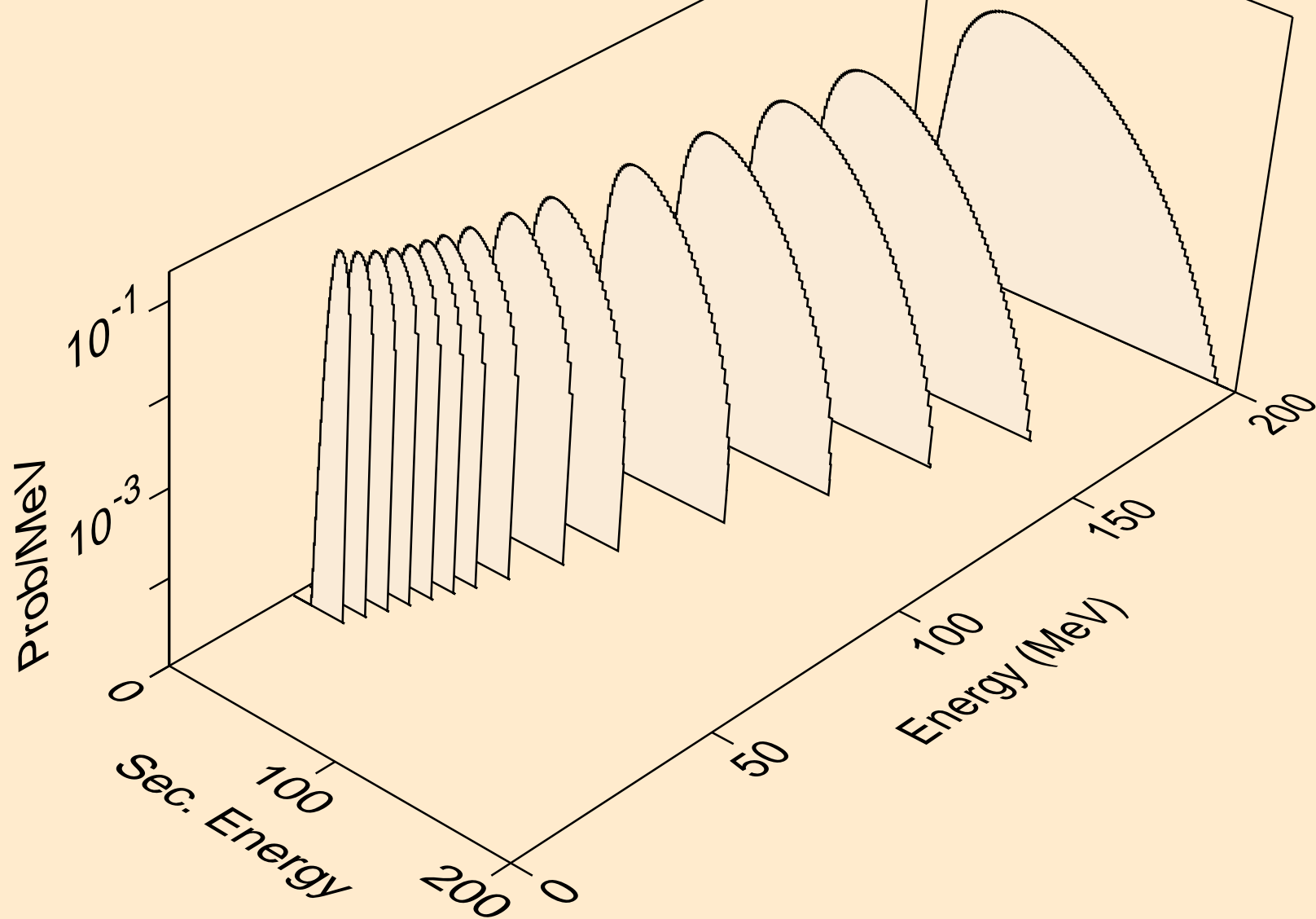
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,t2a)



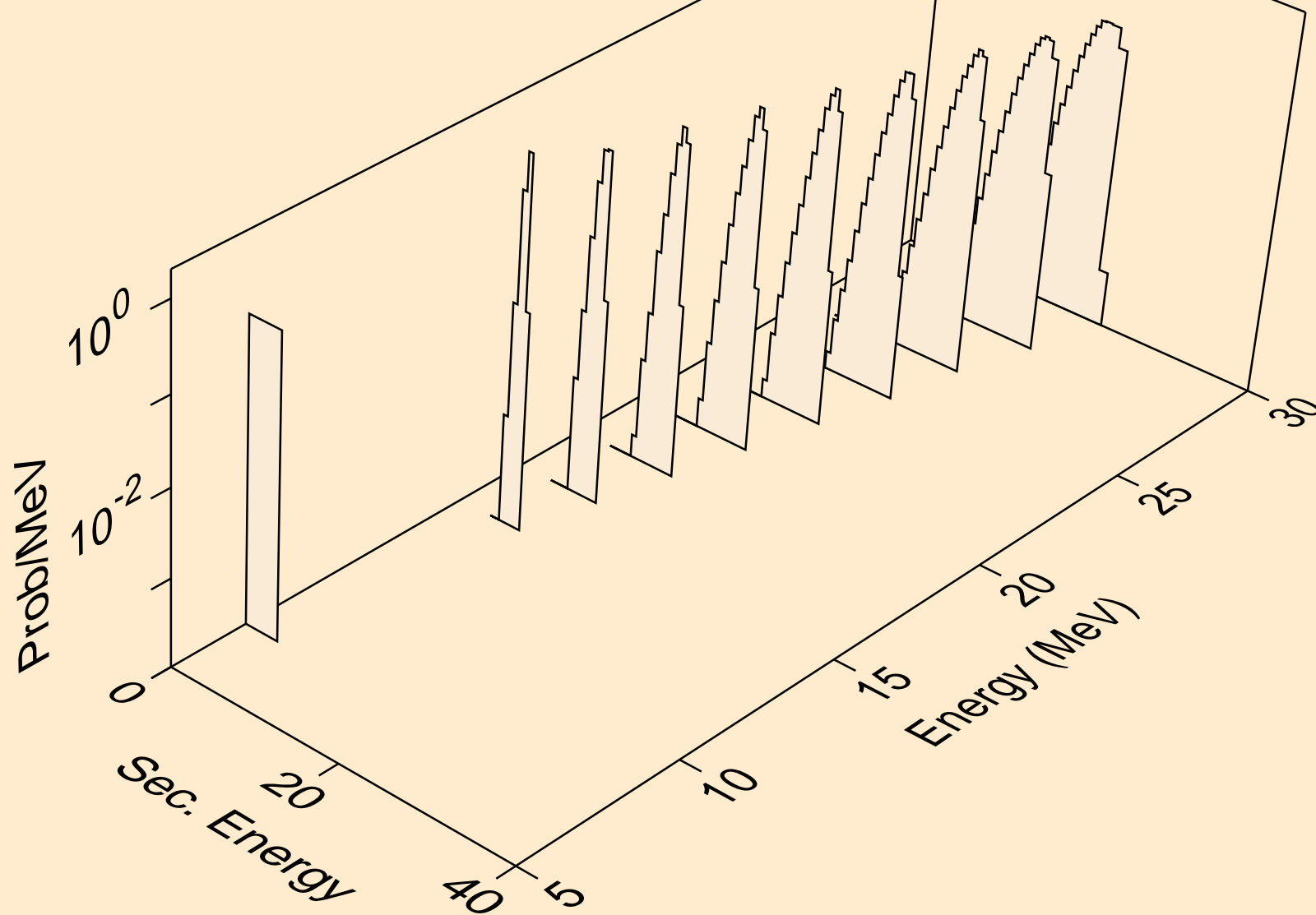
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,pt)



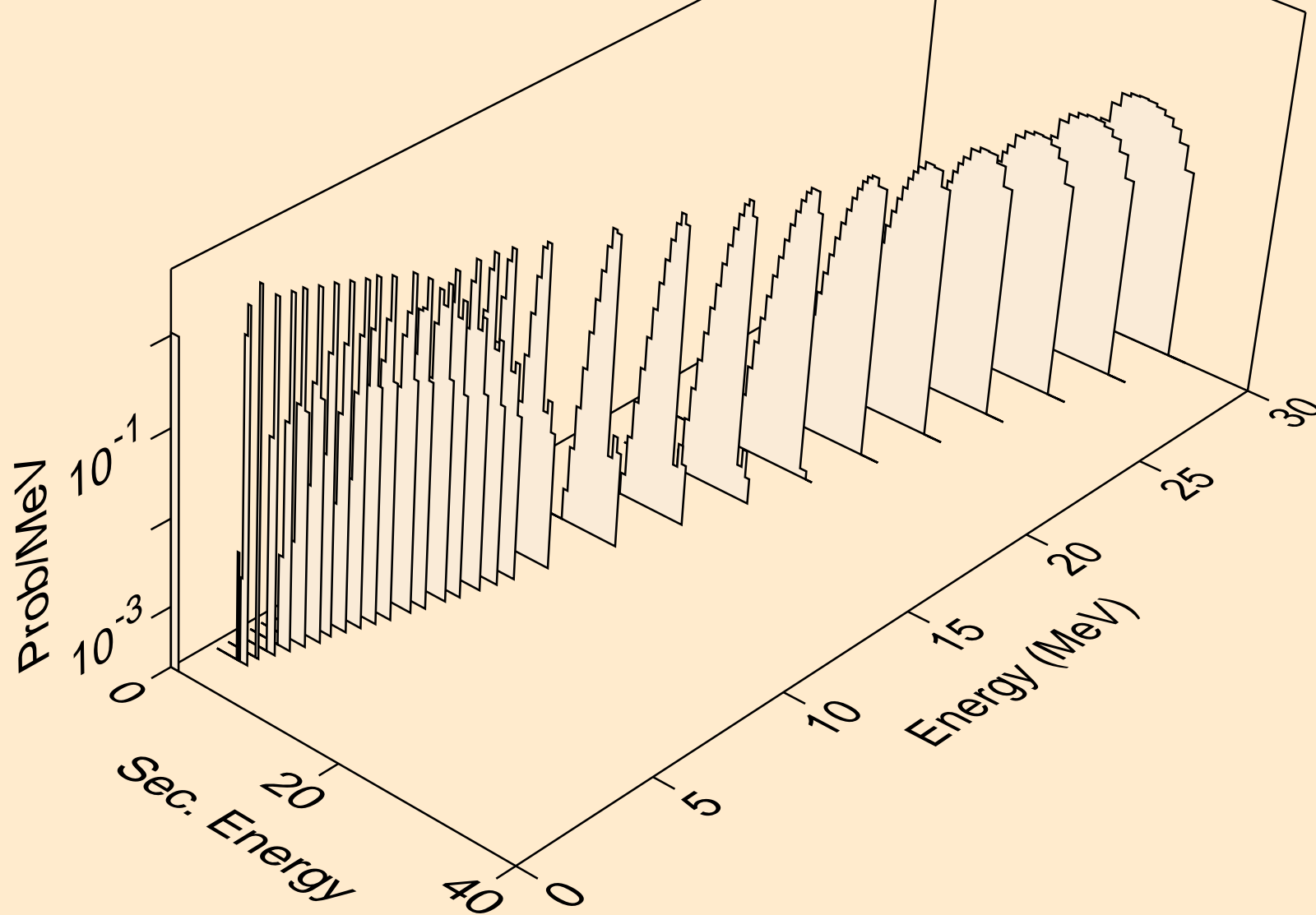
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,x)



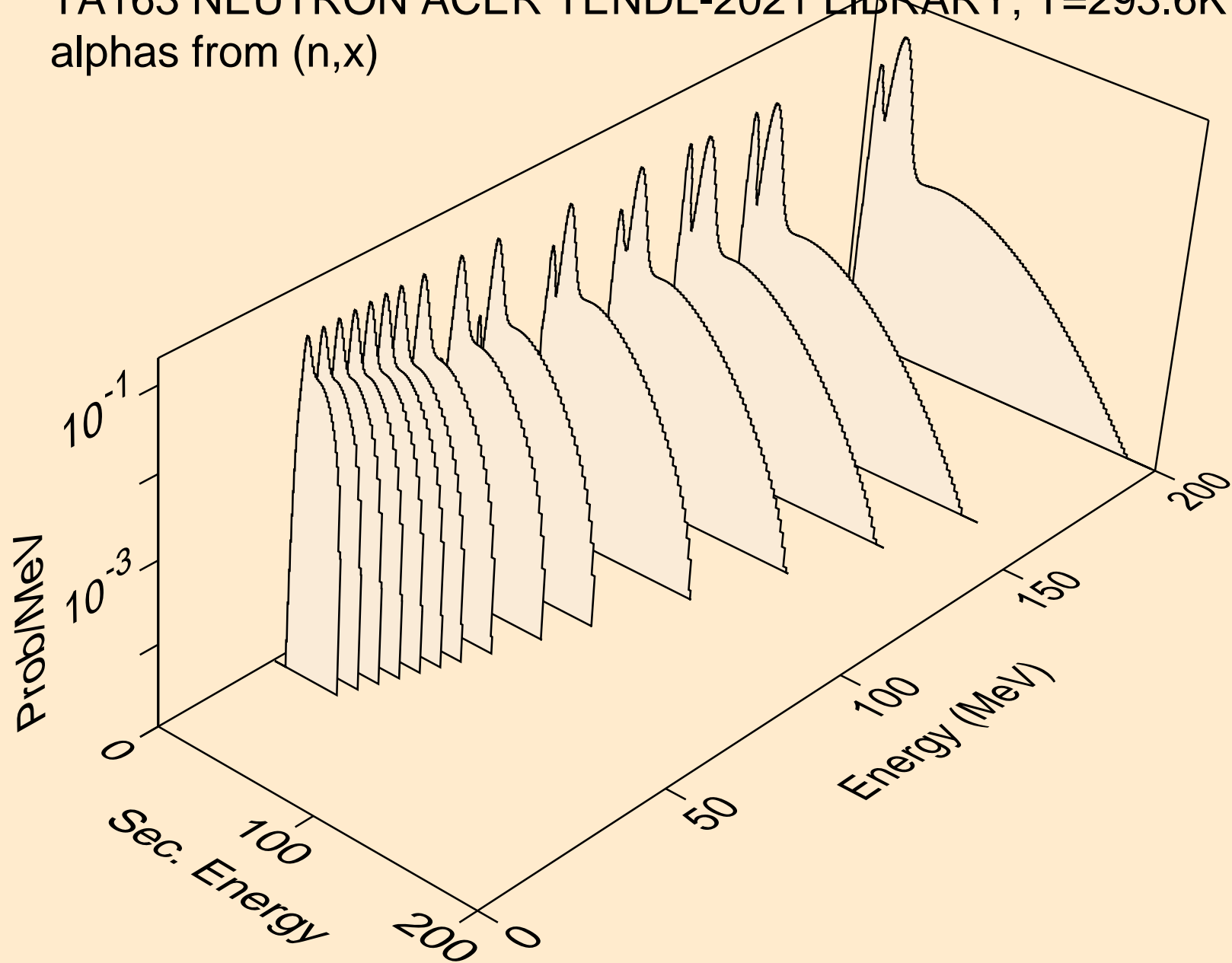
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,n*)he3



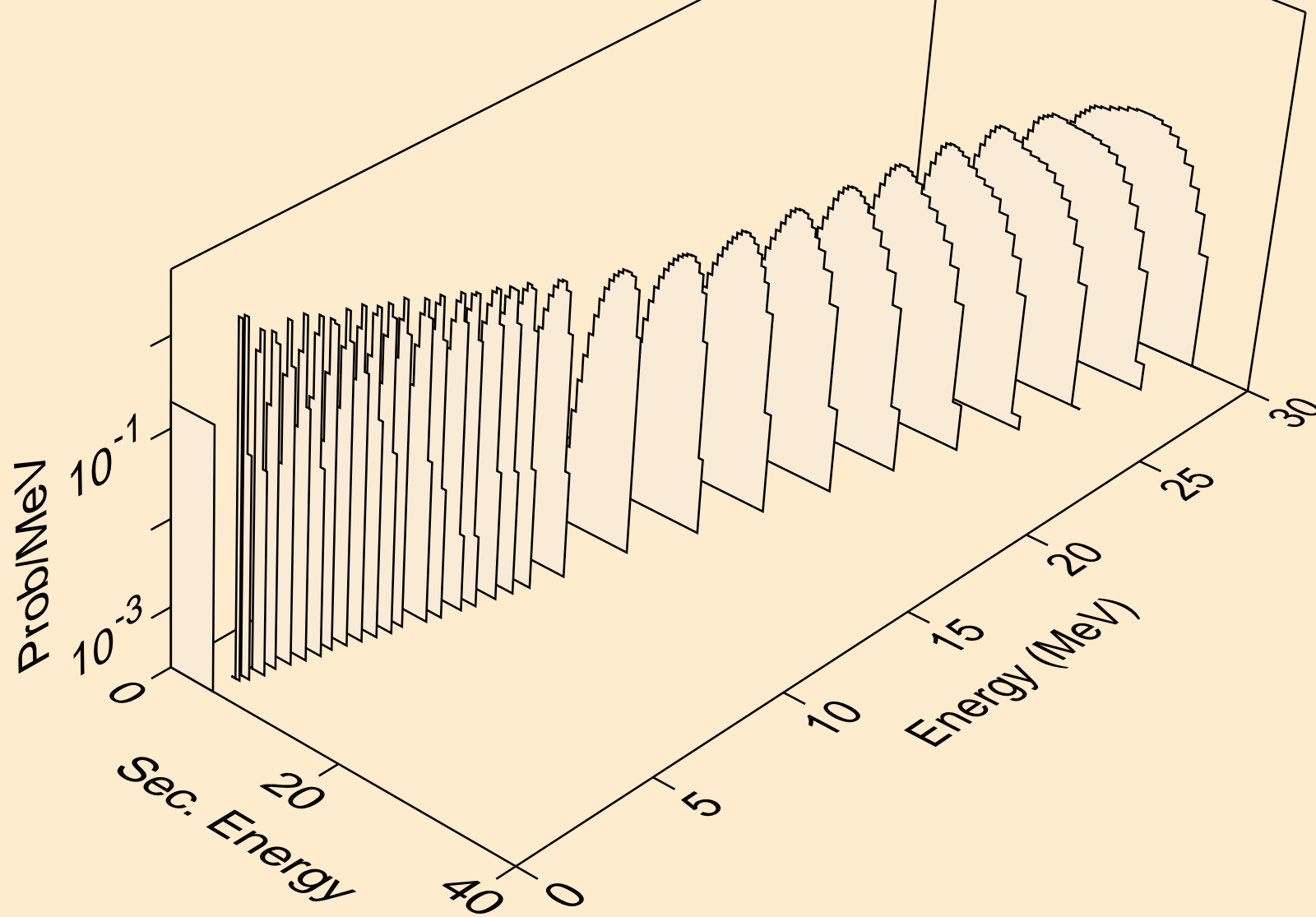
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,he3)



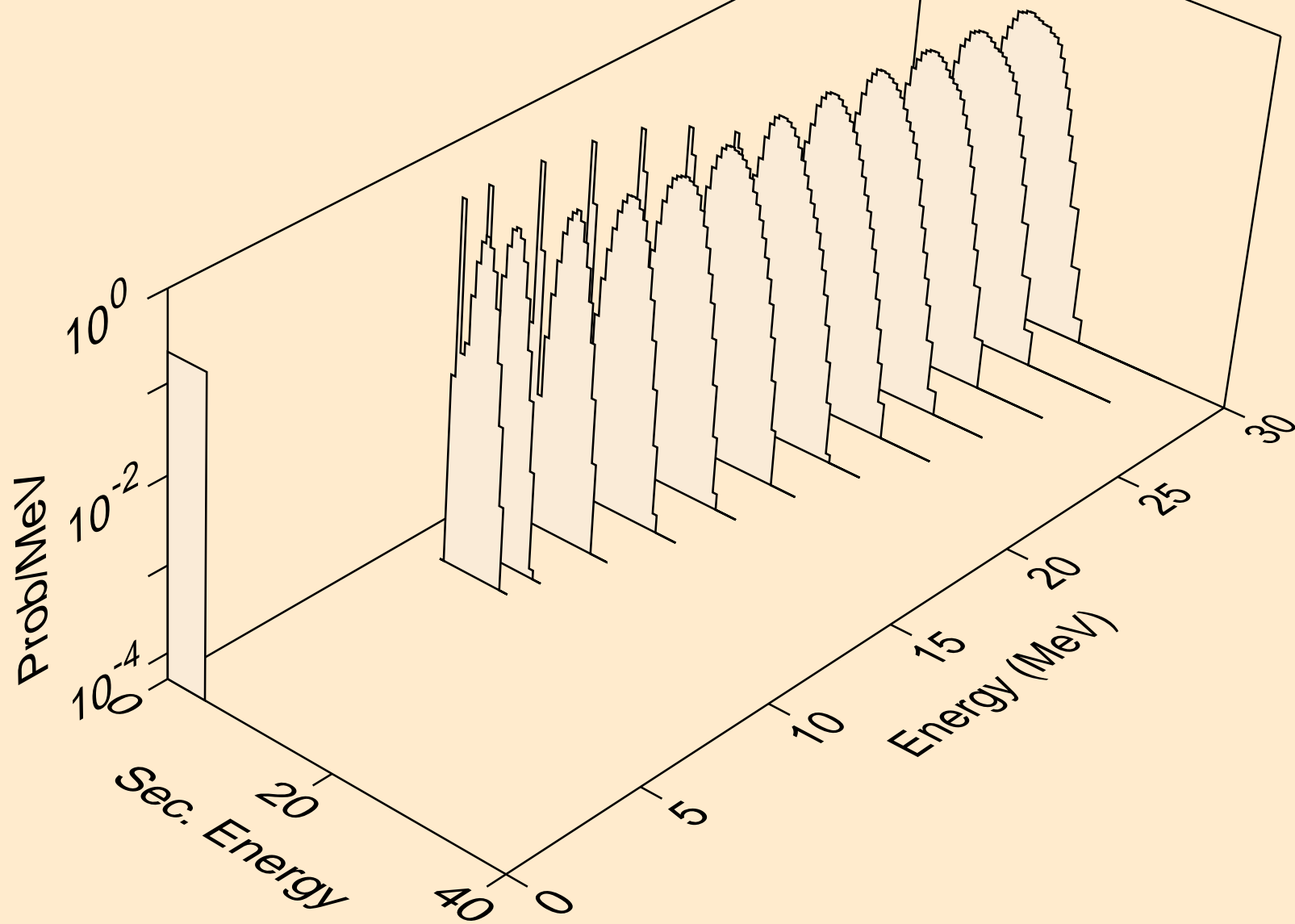
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,x)



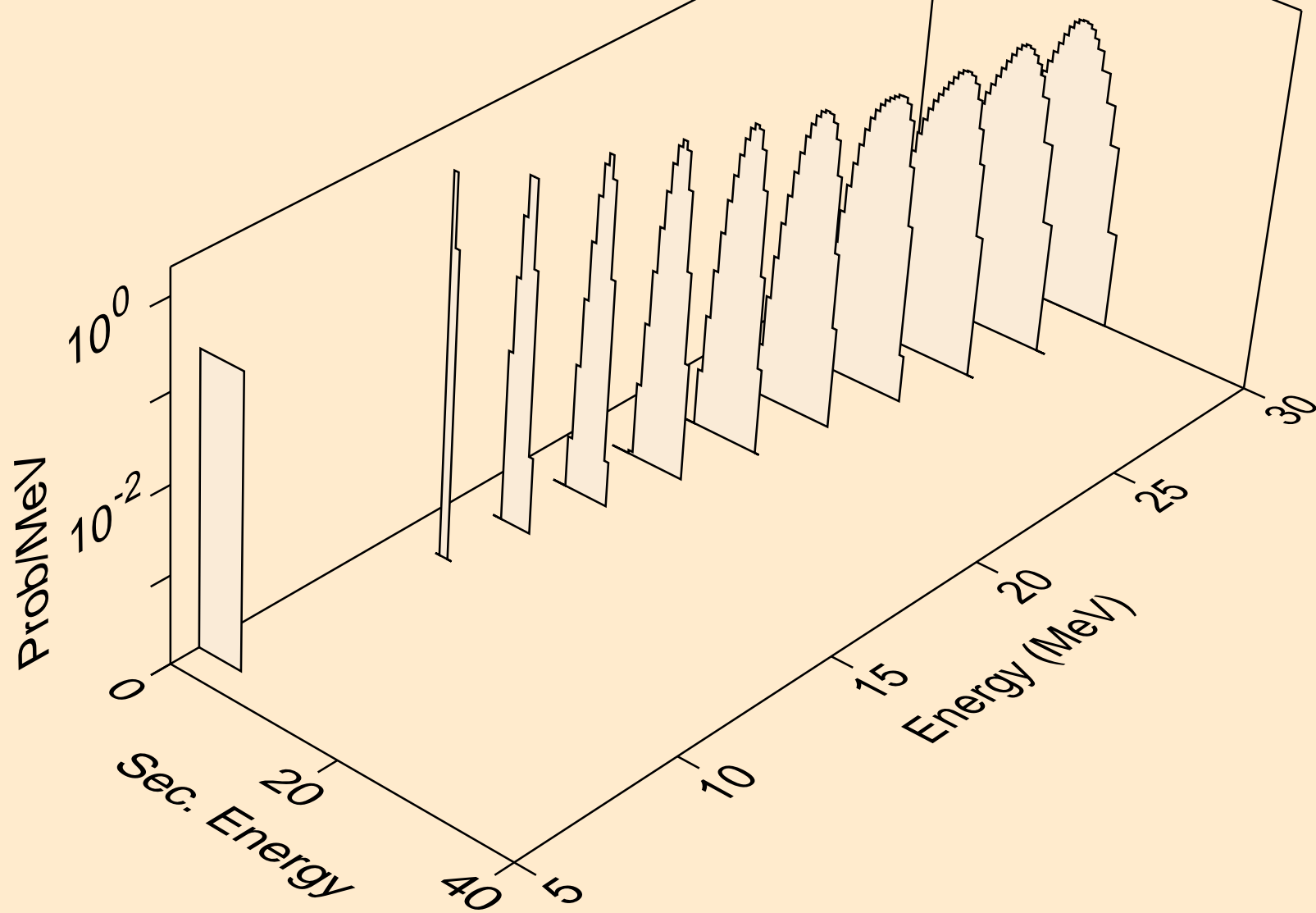
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)a



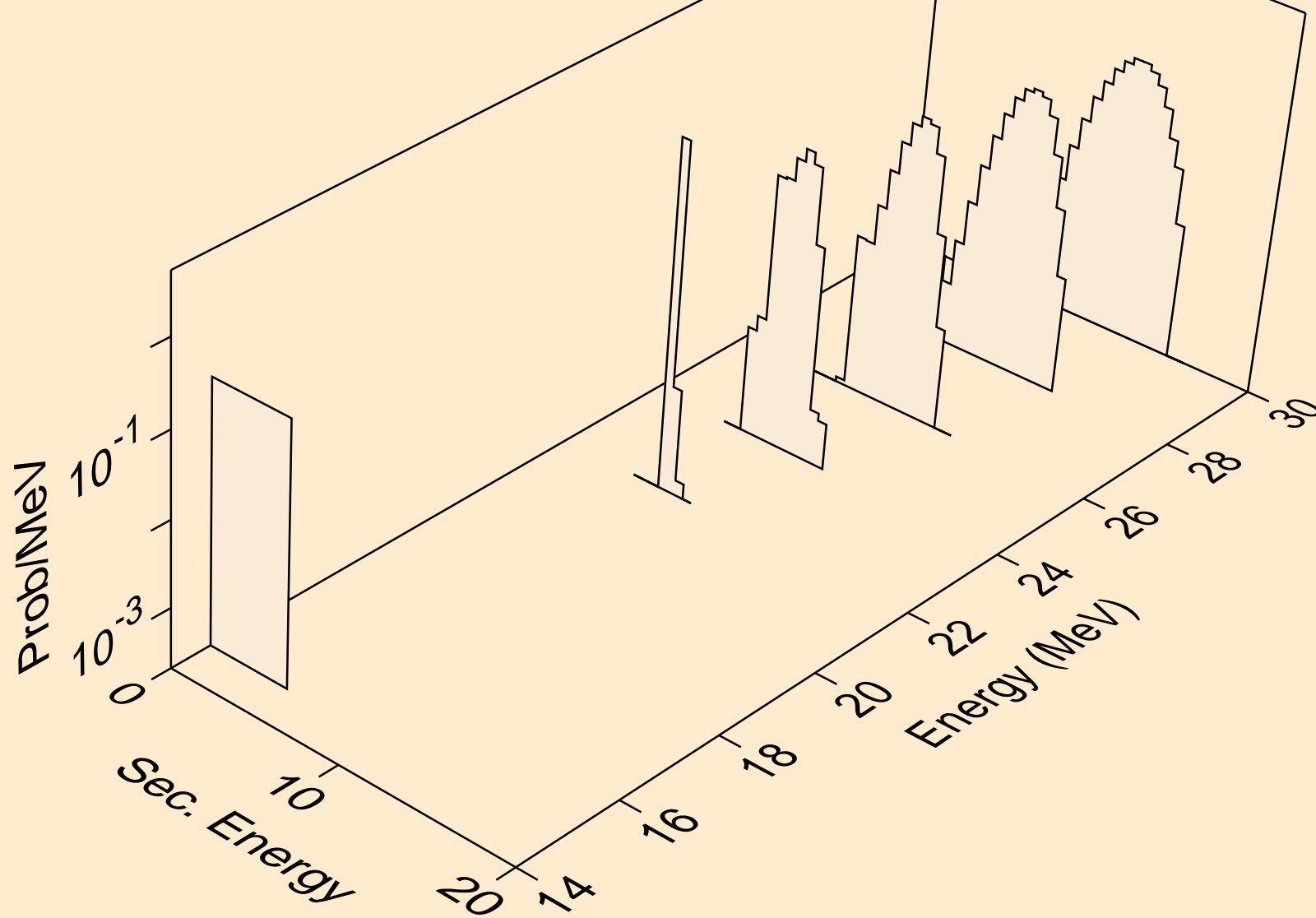
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)3a



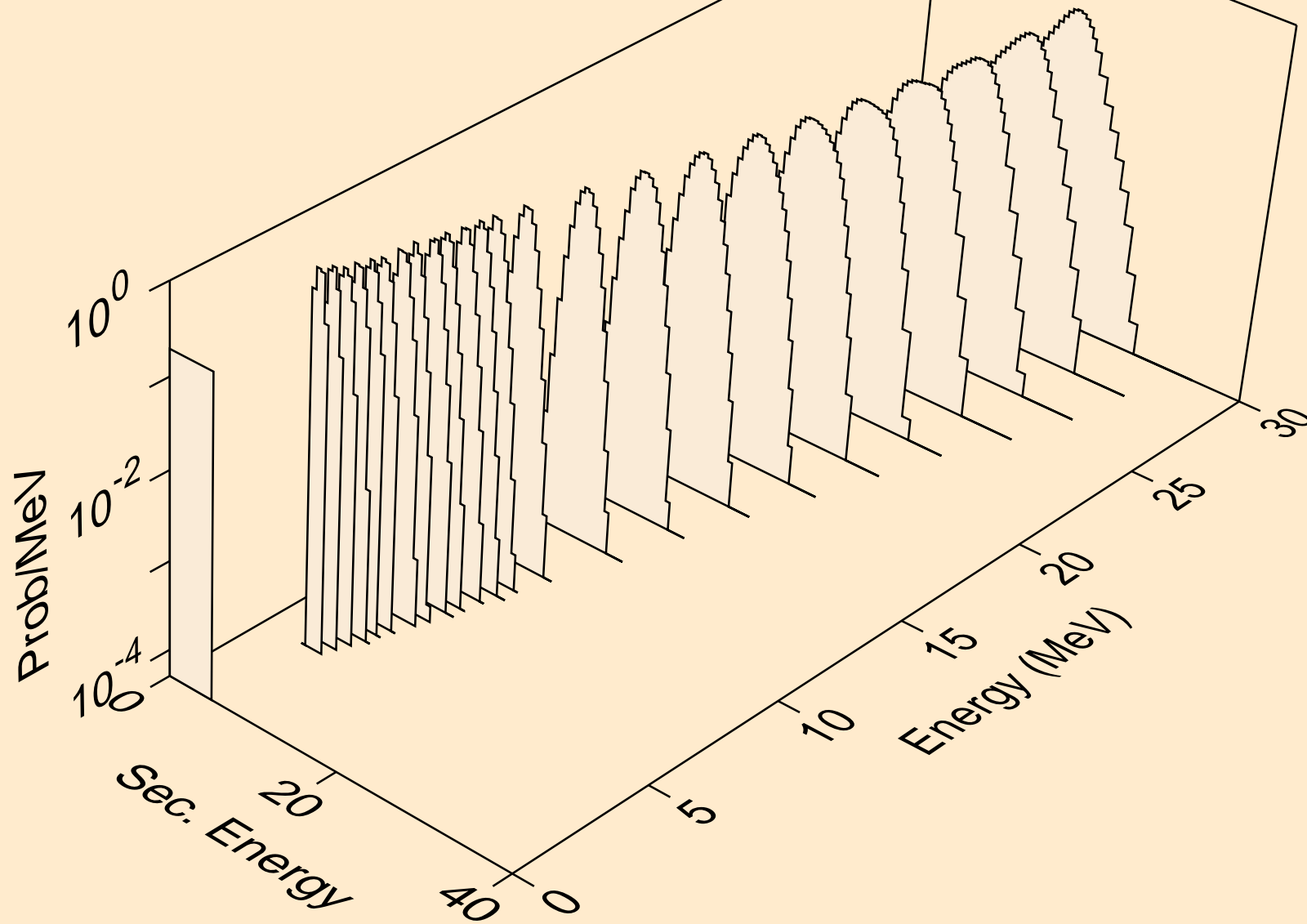
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)a



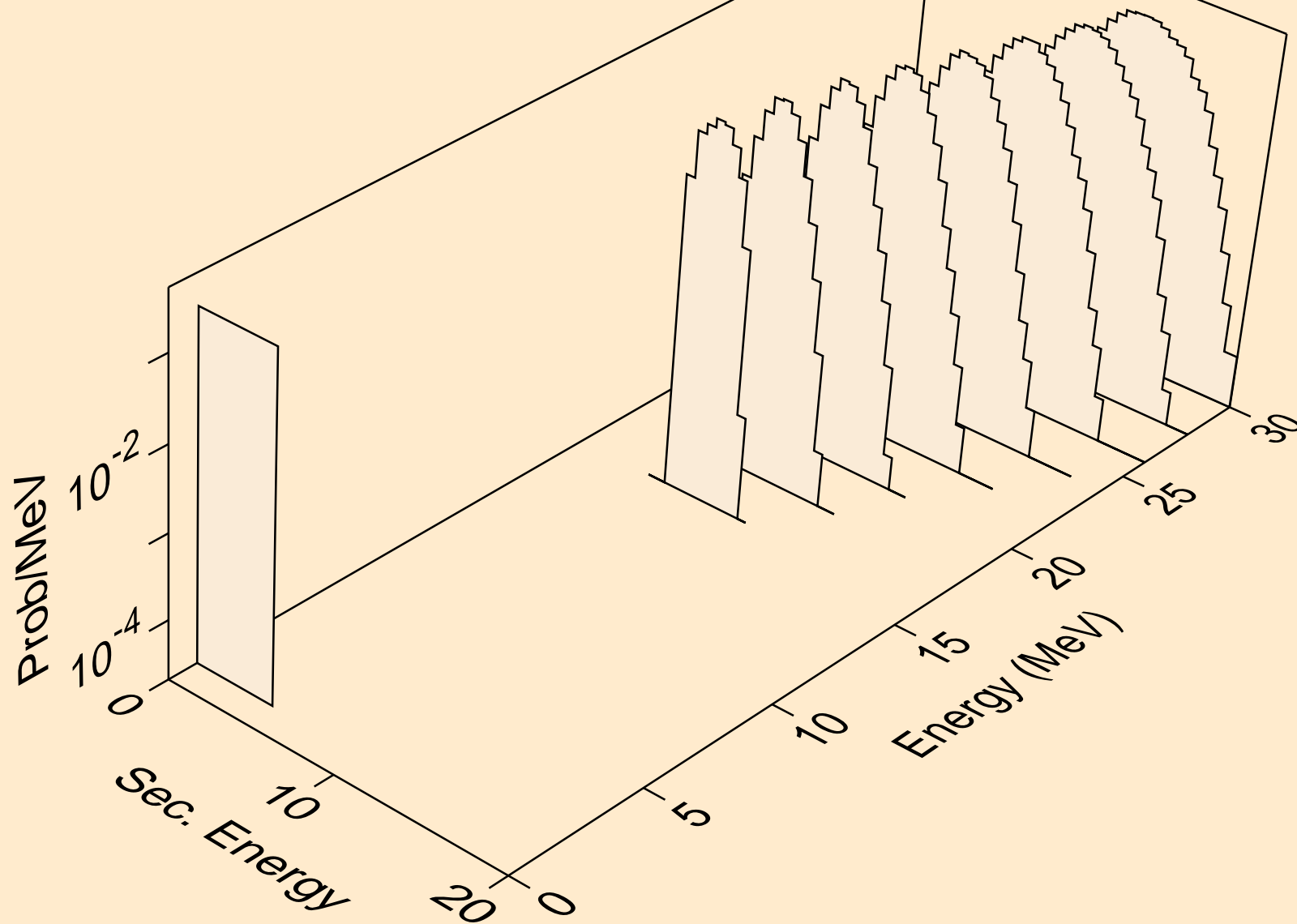
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,3n)a



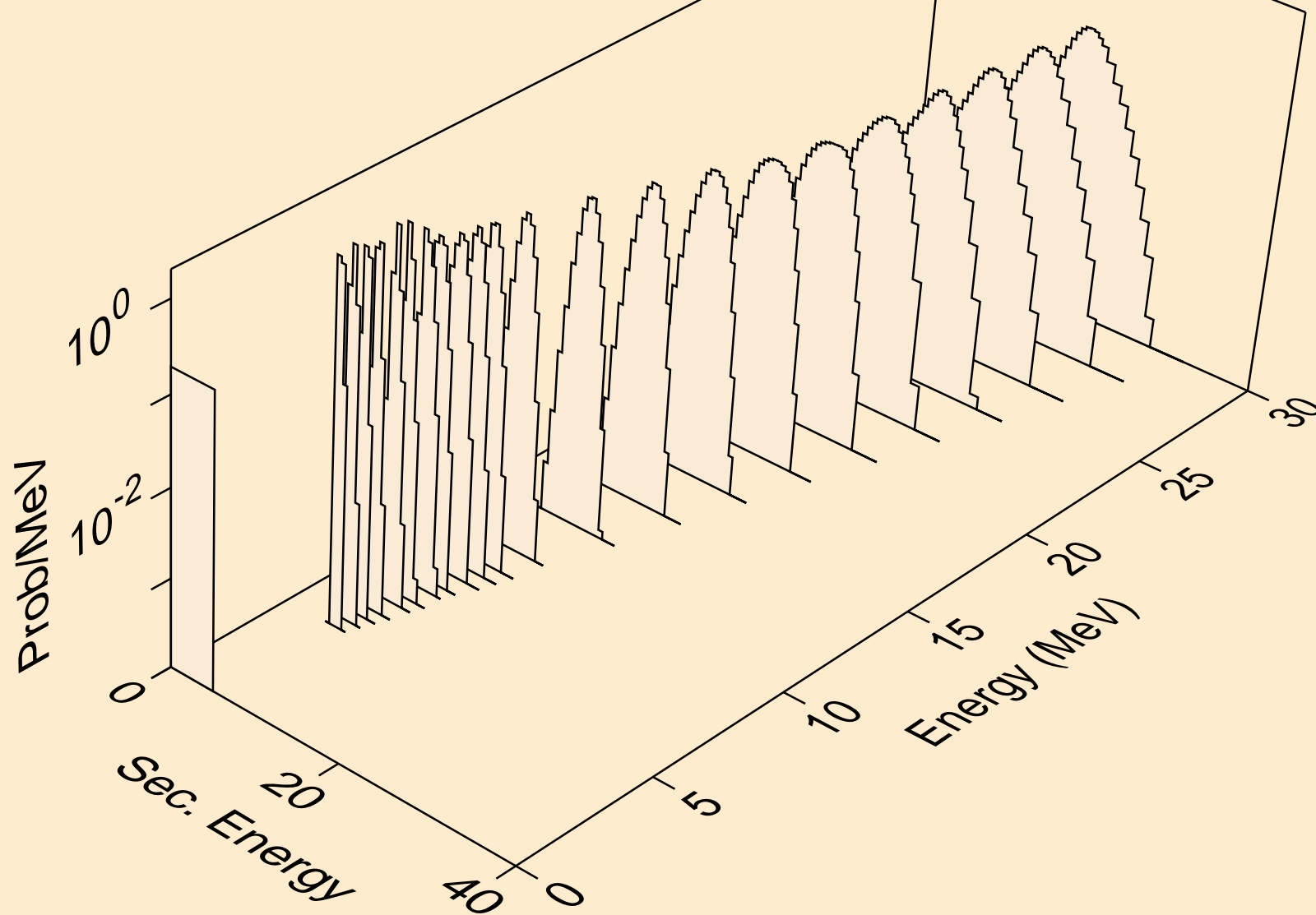
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)2a



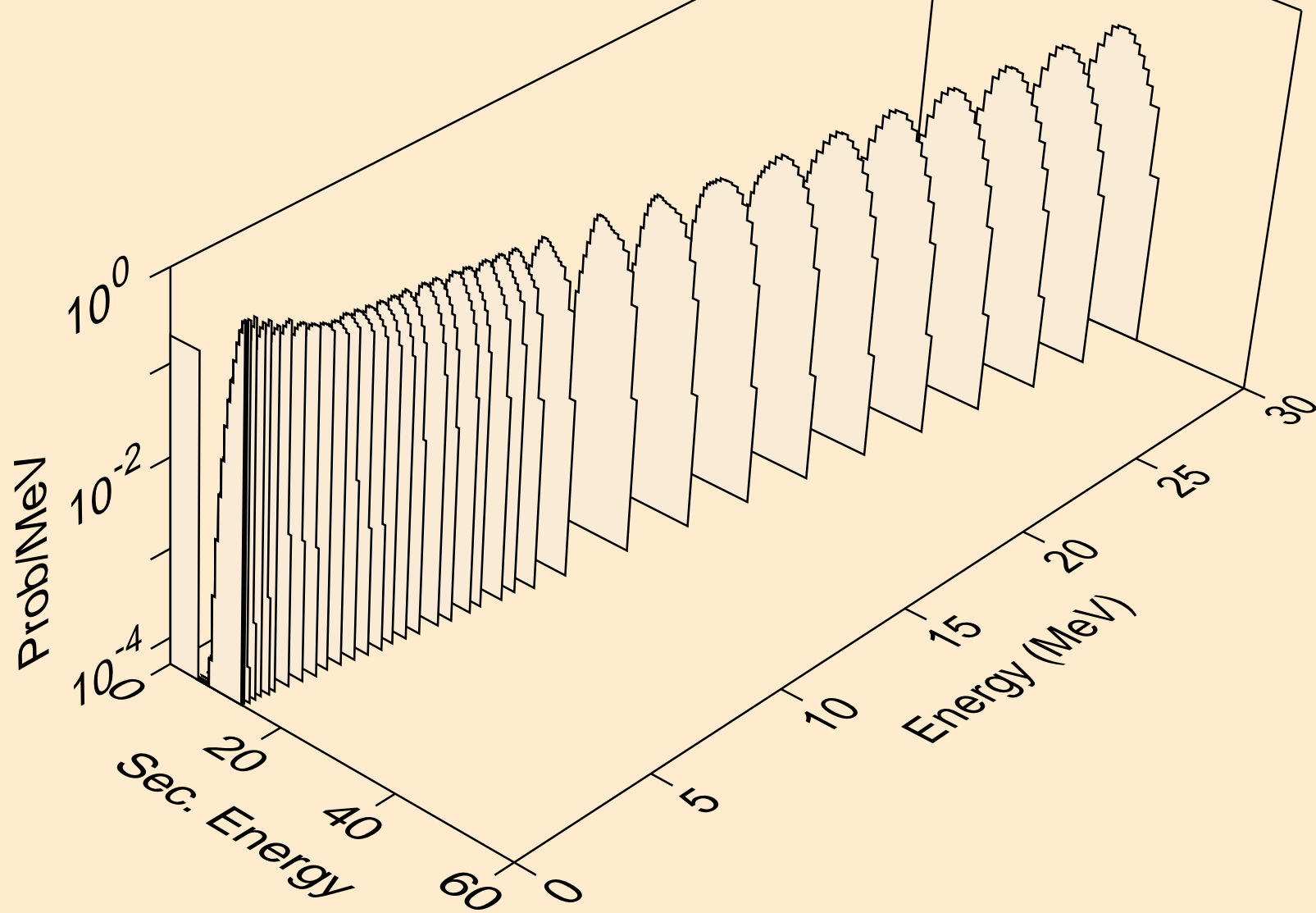
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)2a



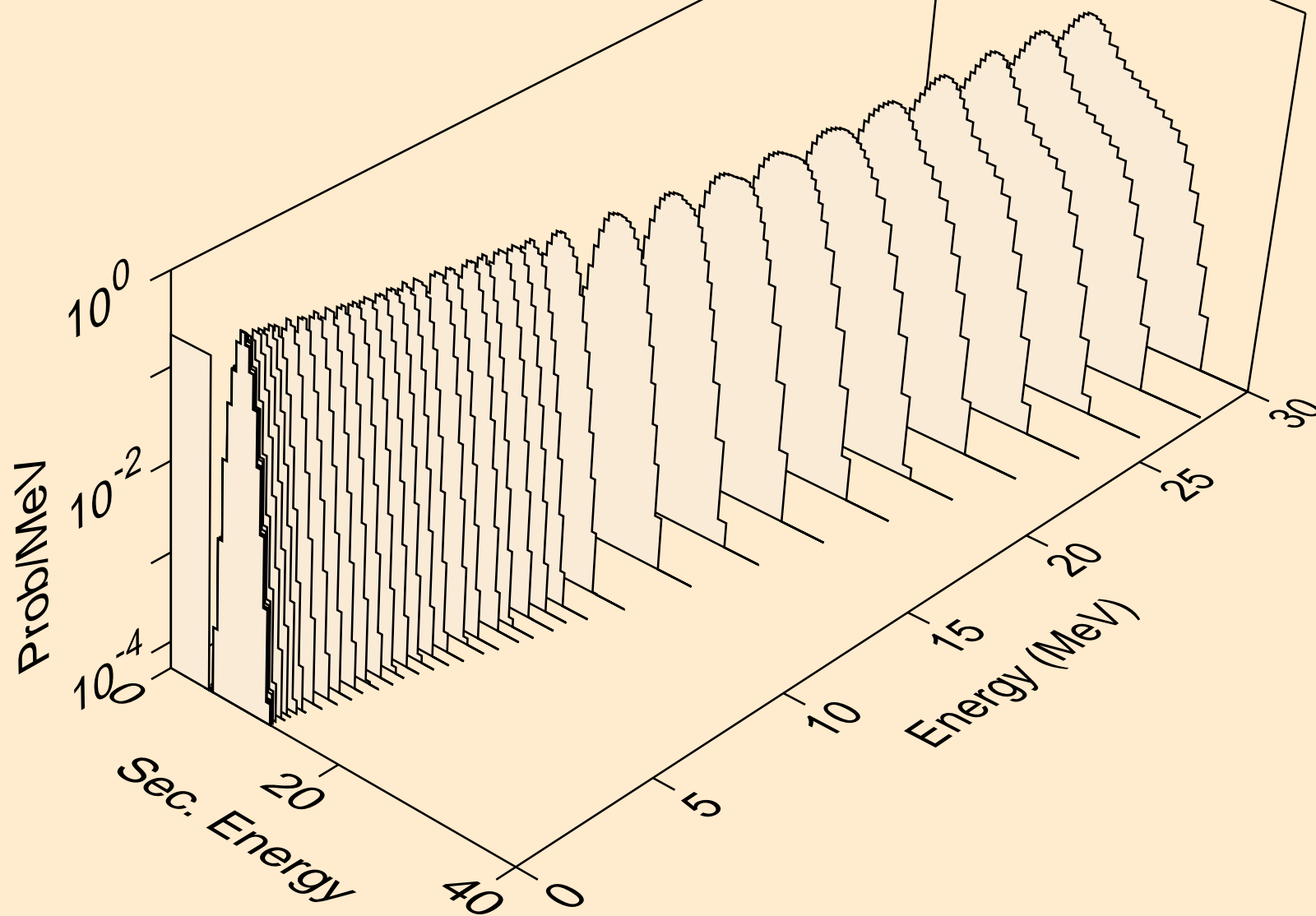
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,npa)



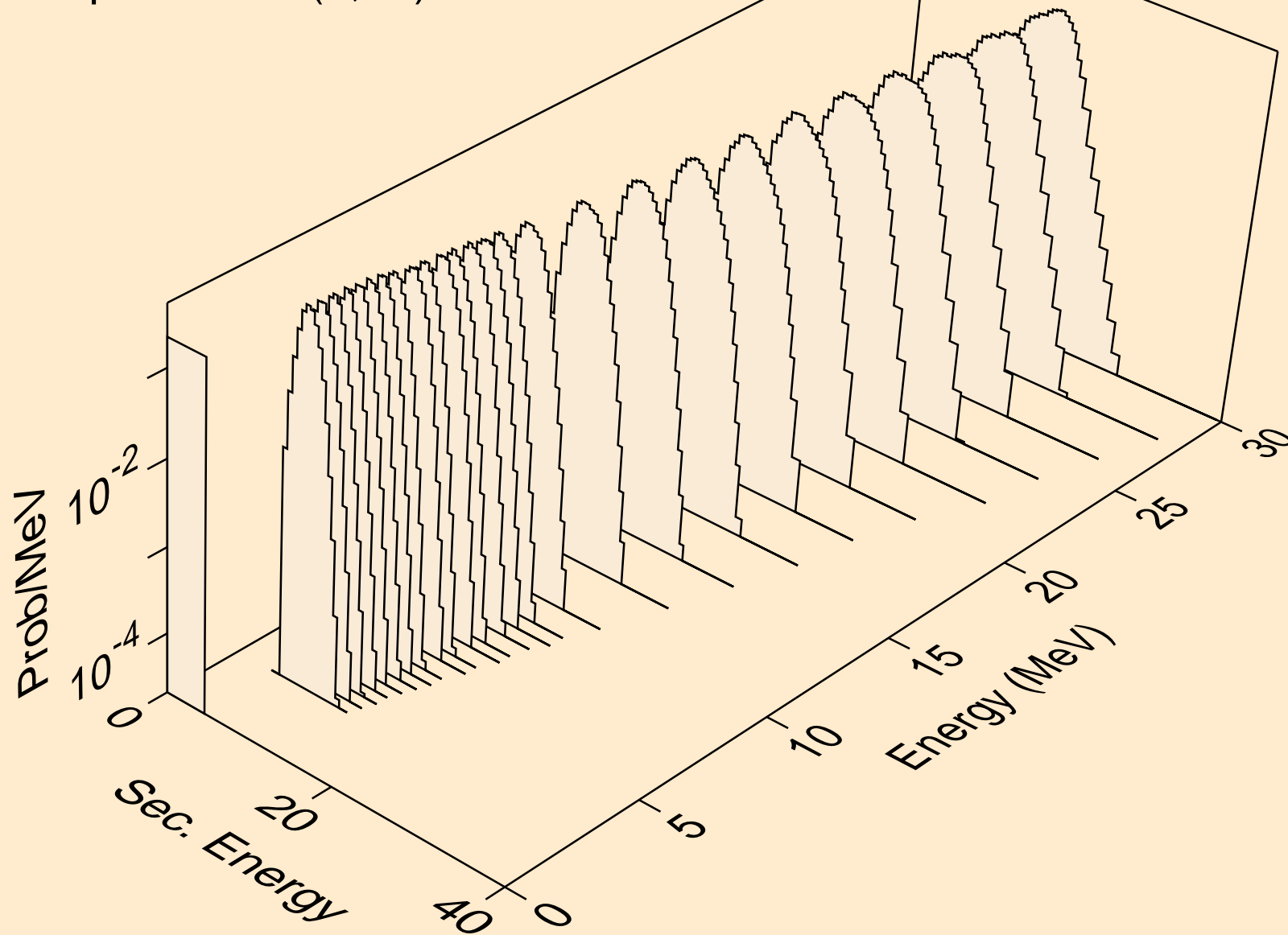
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,a)



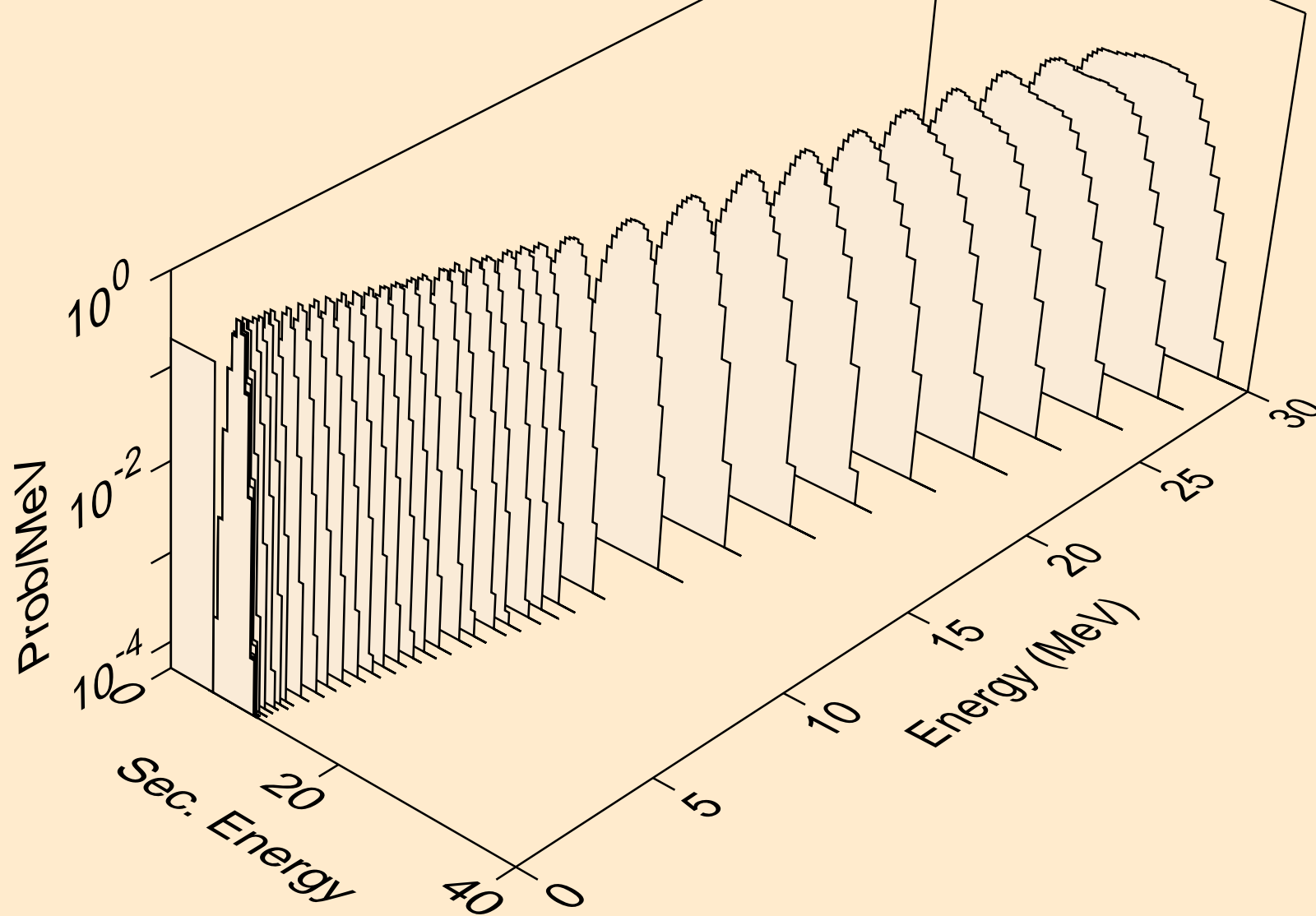
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2a)



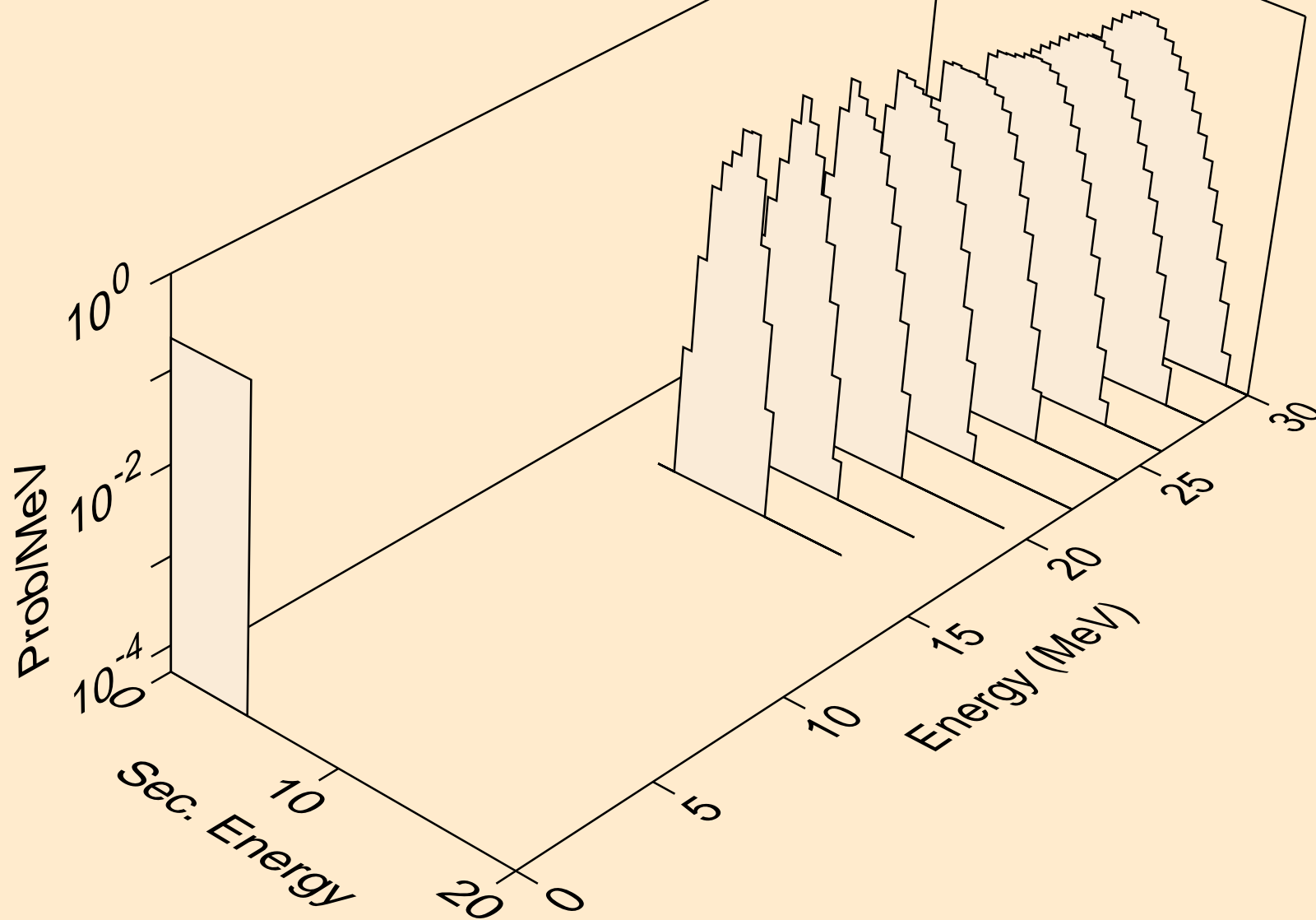
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,3a)



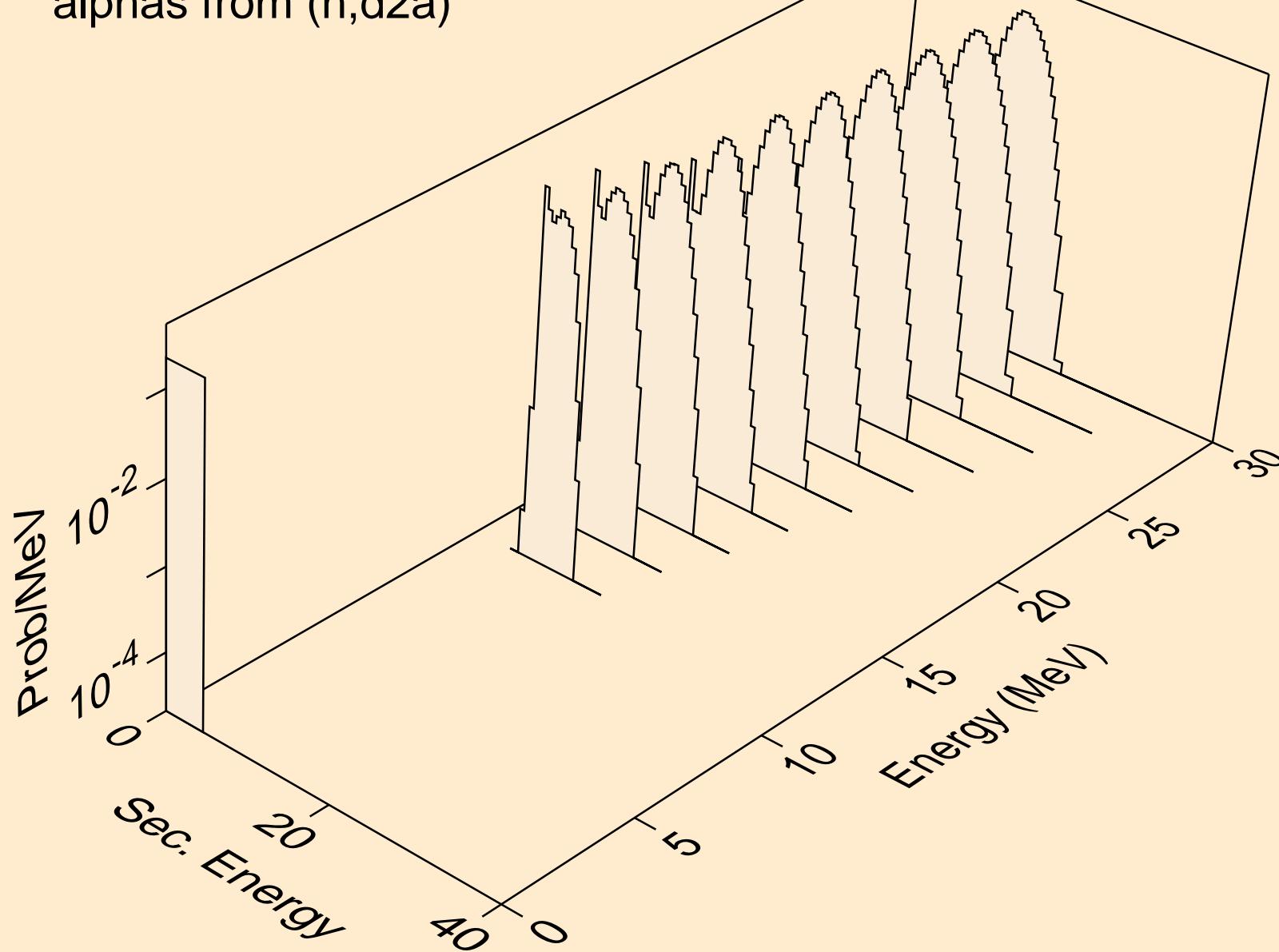
TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,pa)



TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,t2a)



TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,d2a)



TA163 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,da)

