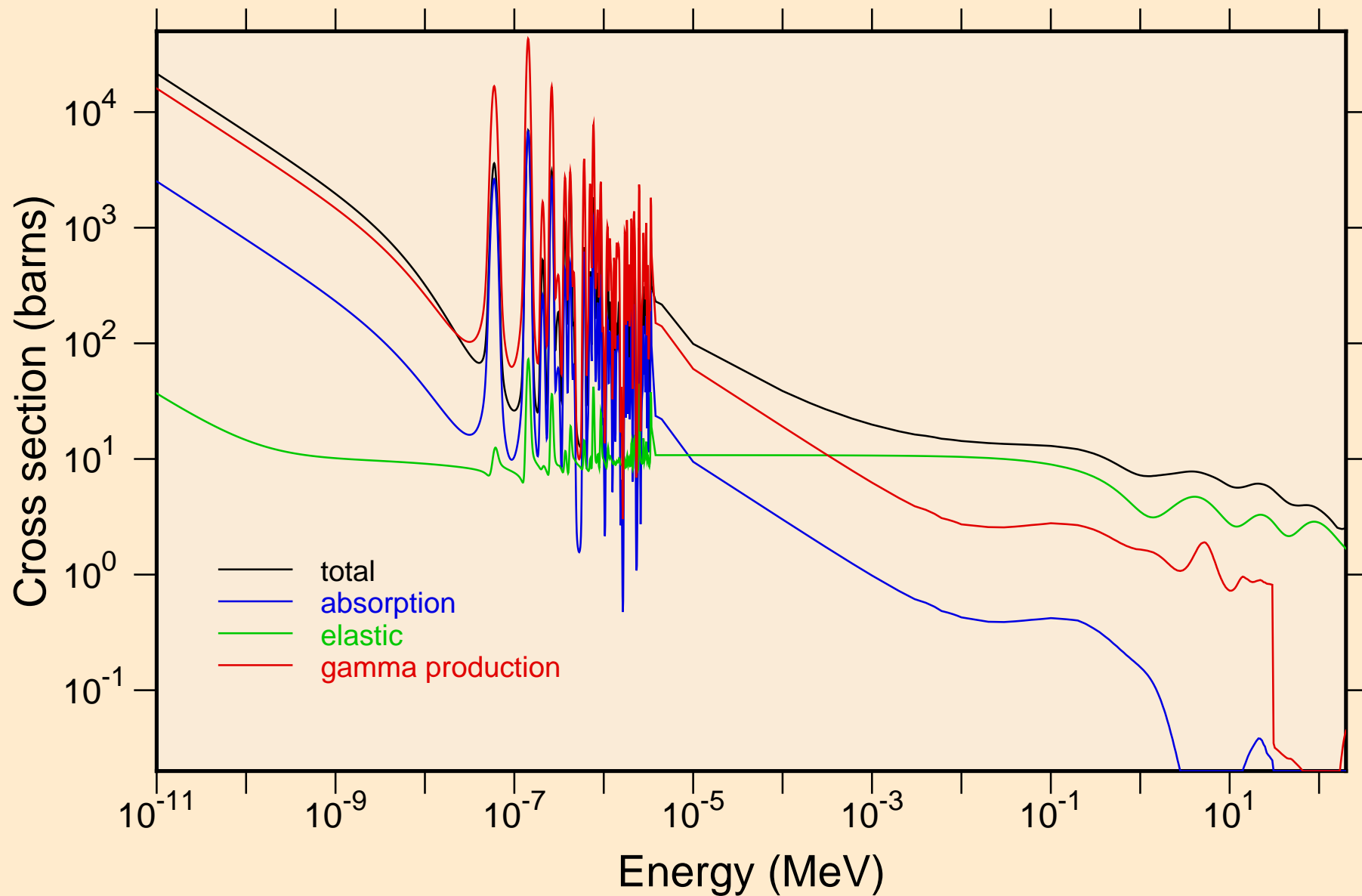
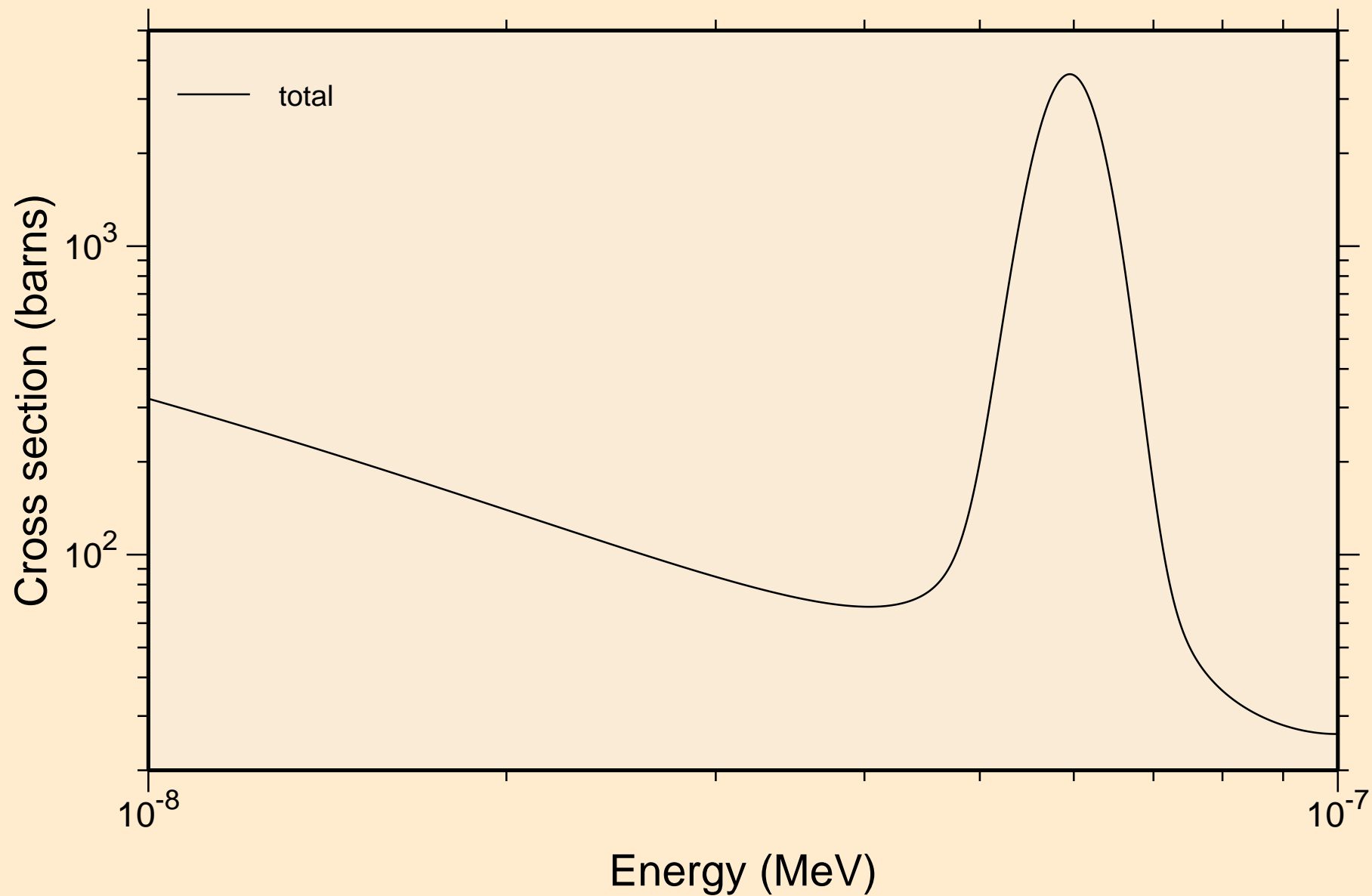


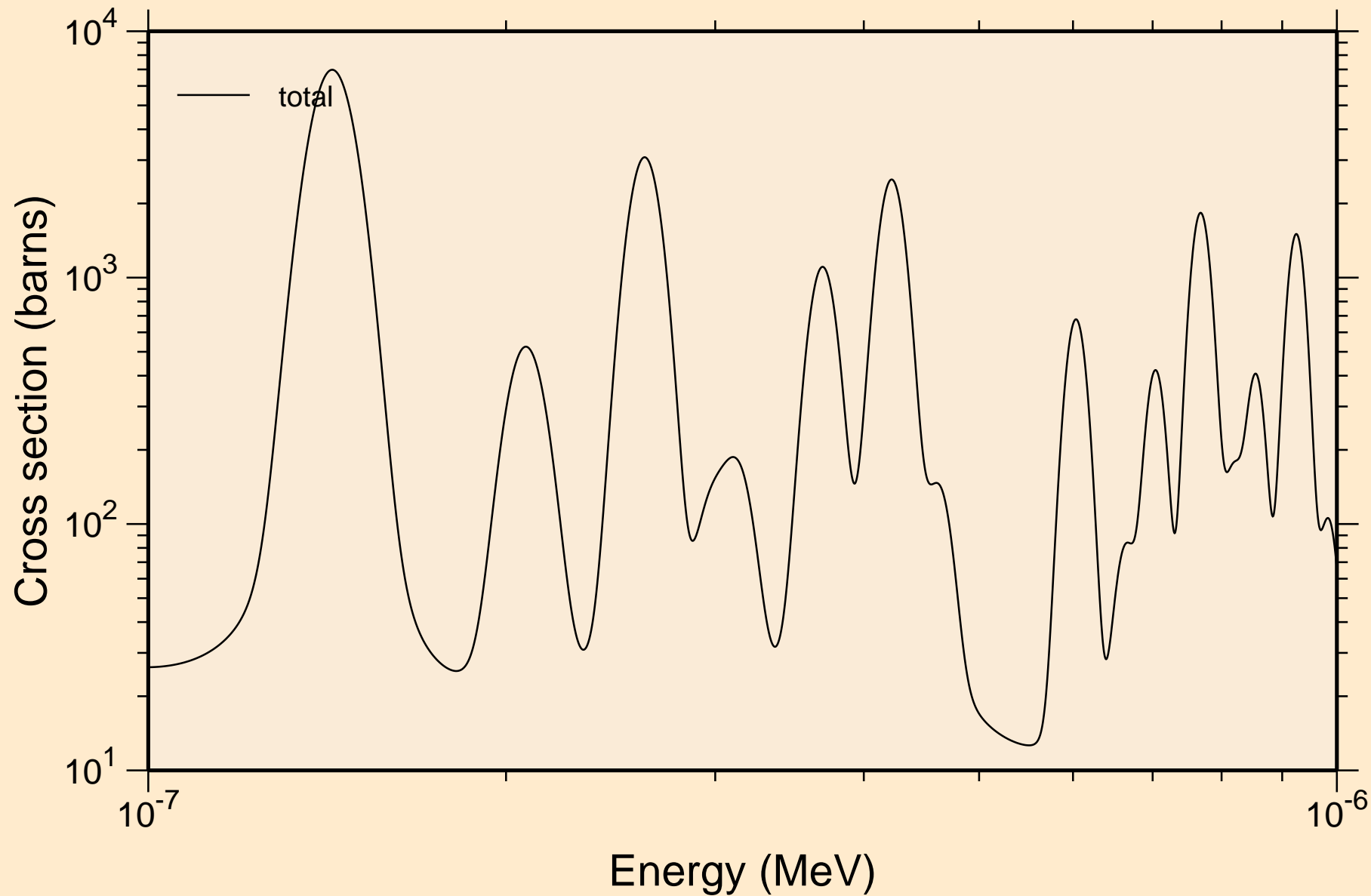
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



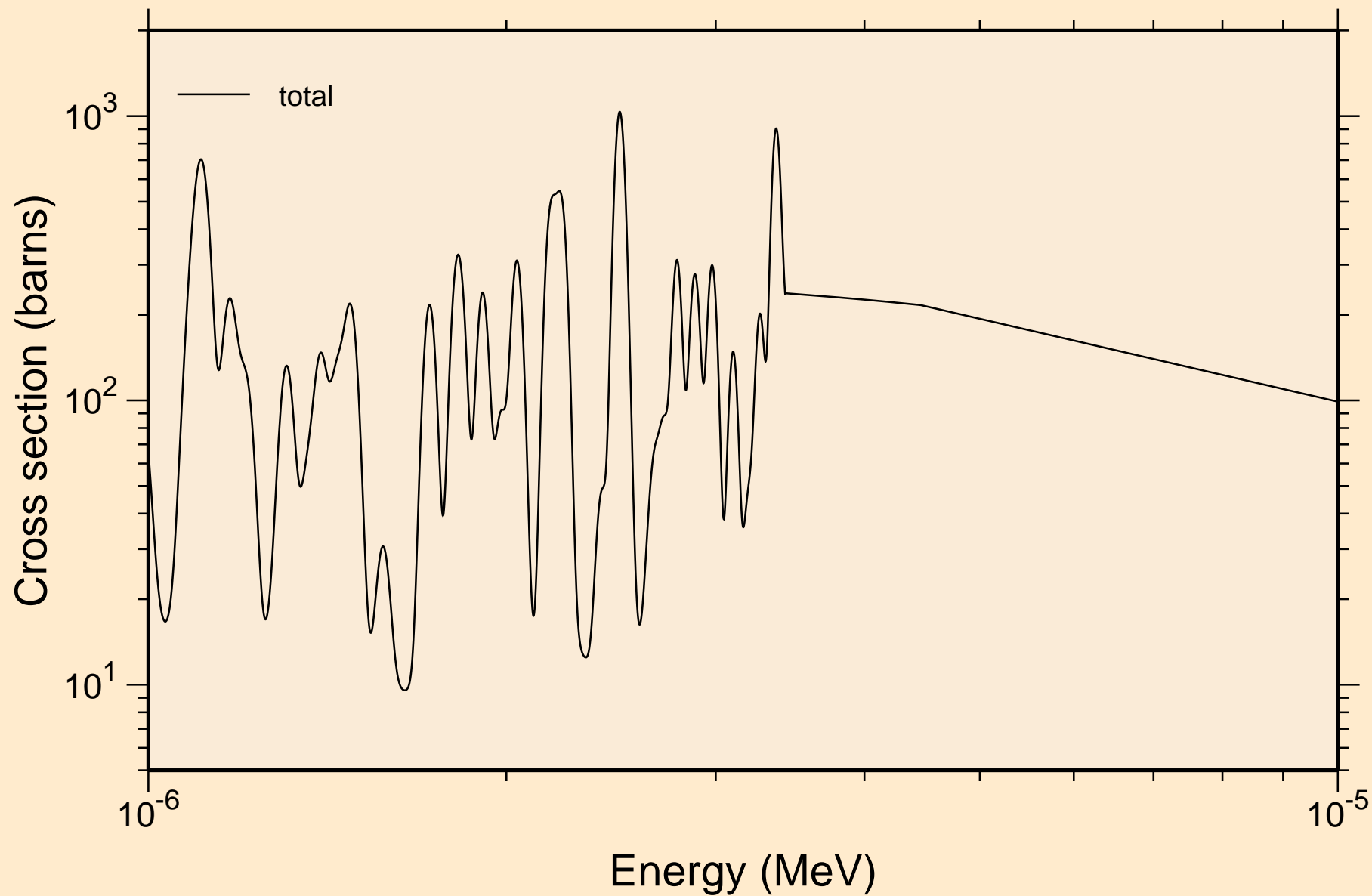
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



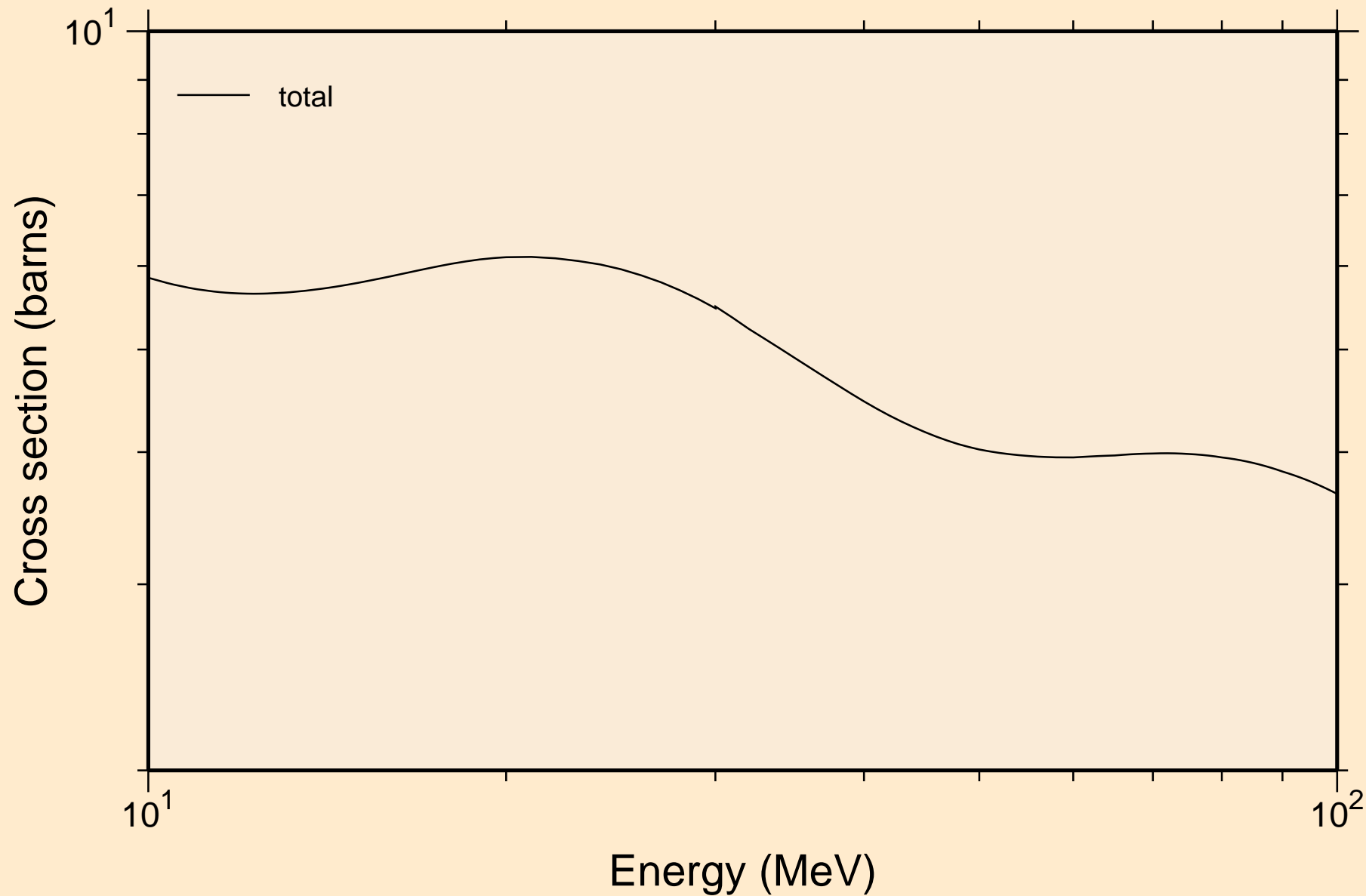
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



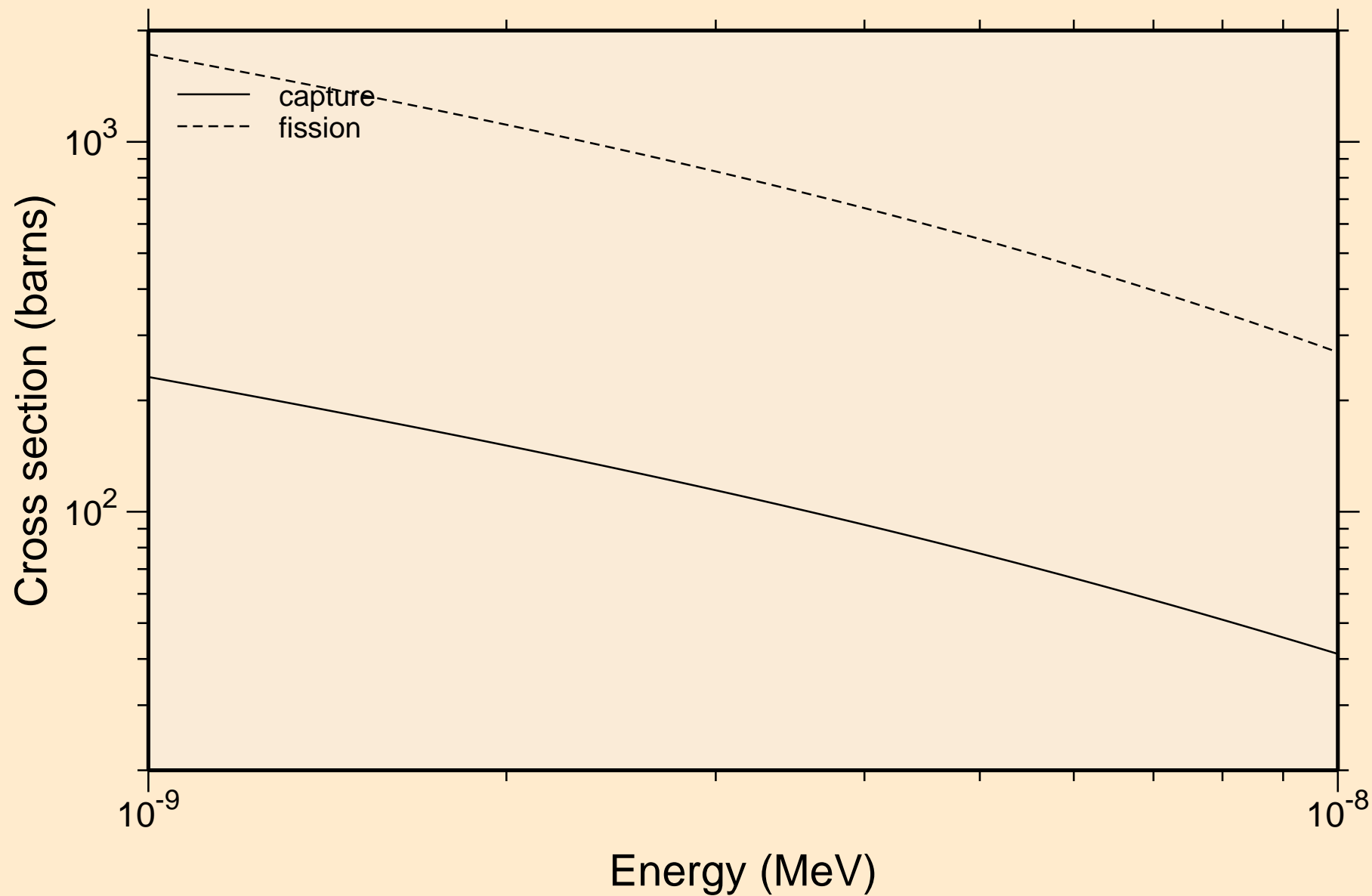
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



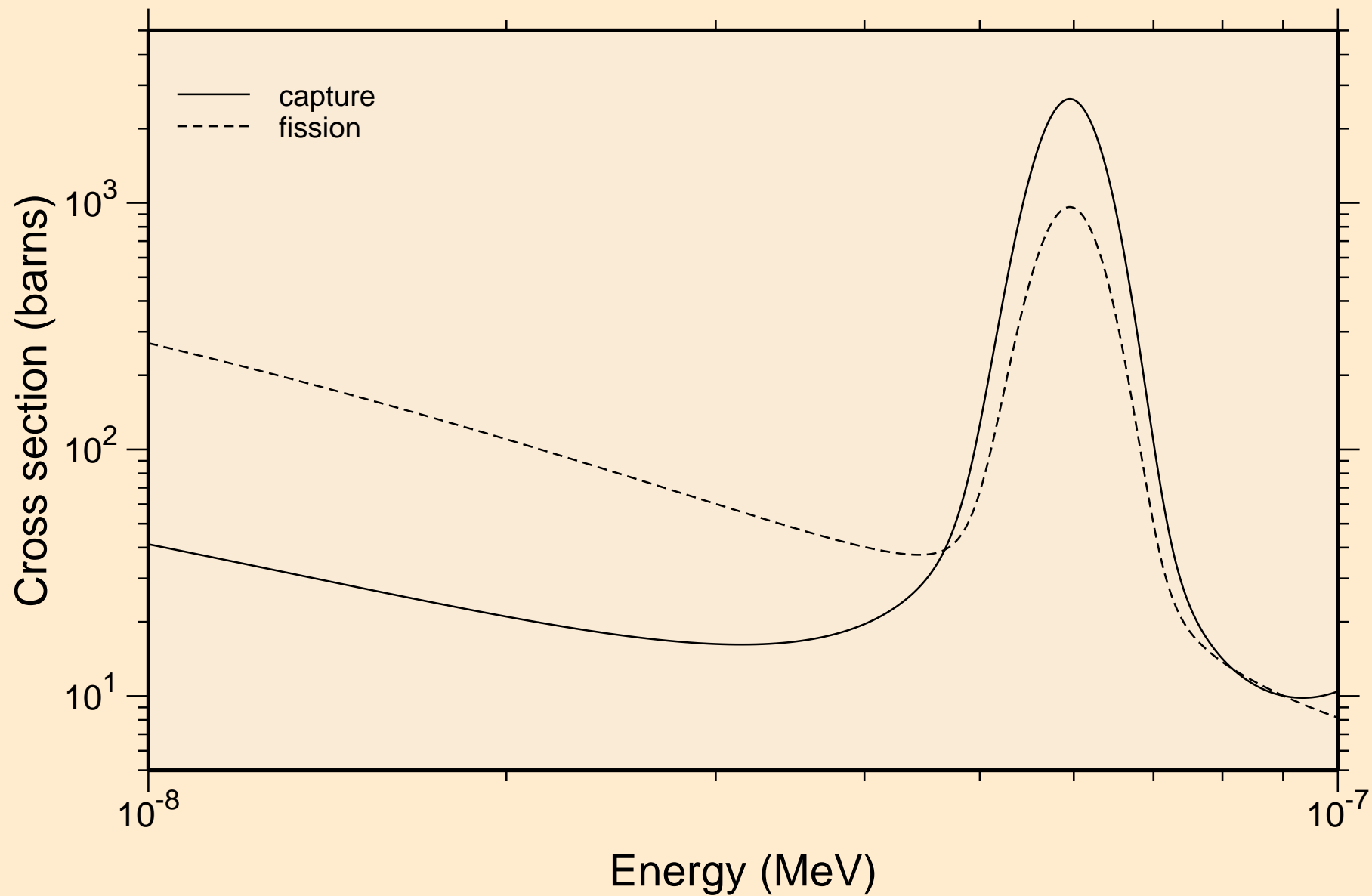
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resonance total cross section



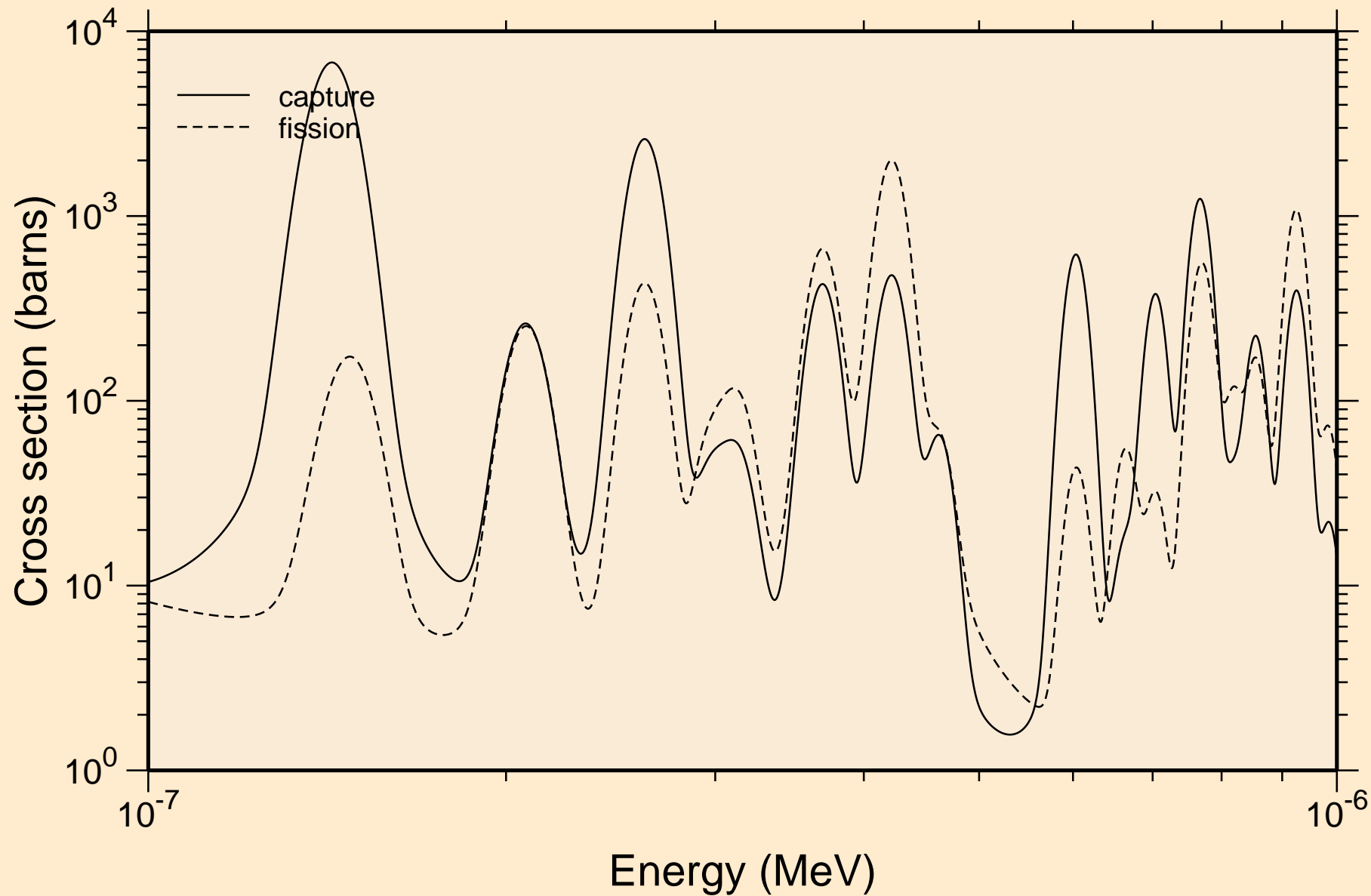
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resonance absorption cross sections



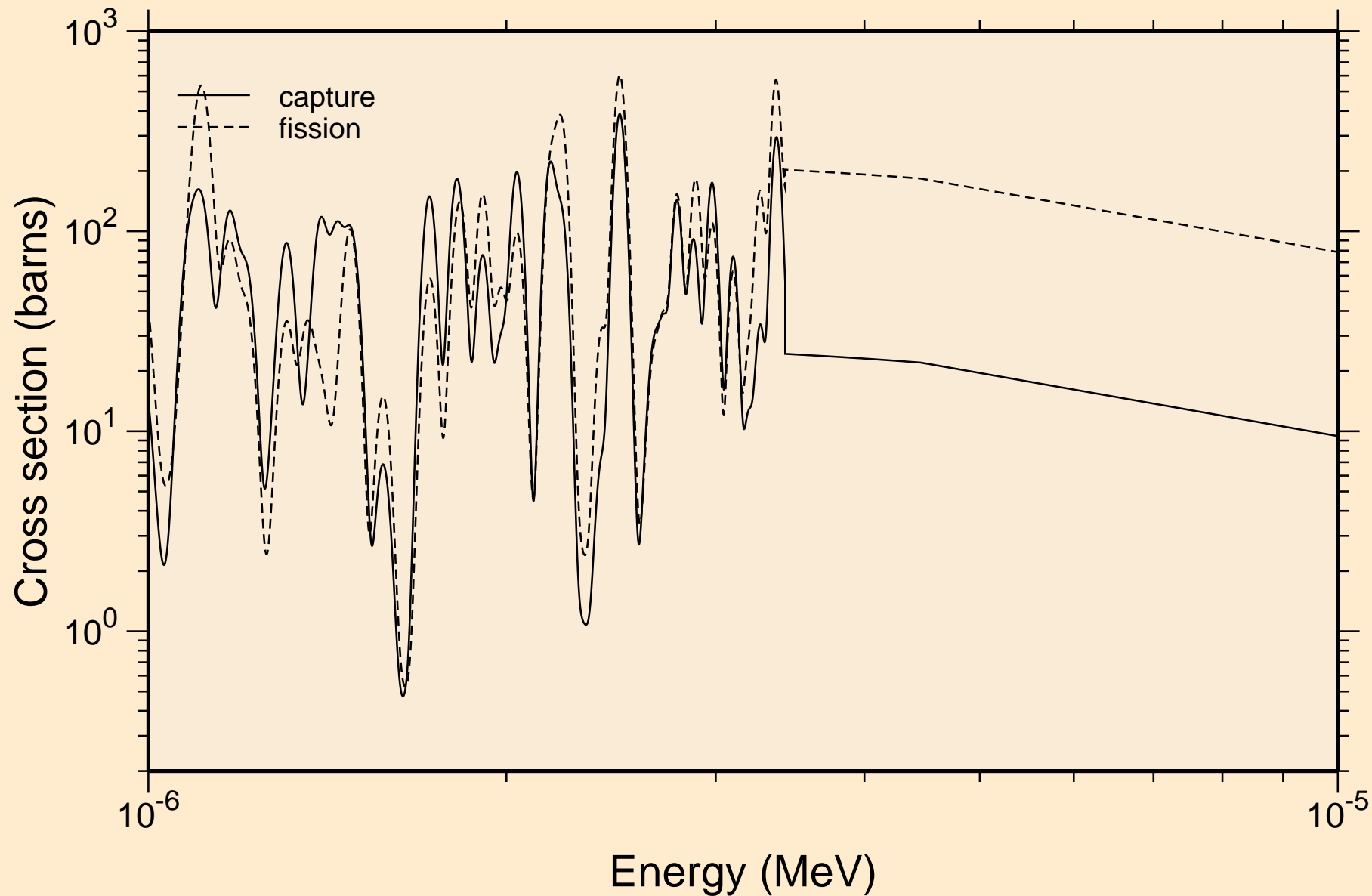
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resonance absorption cross sections



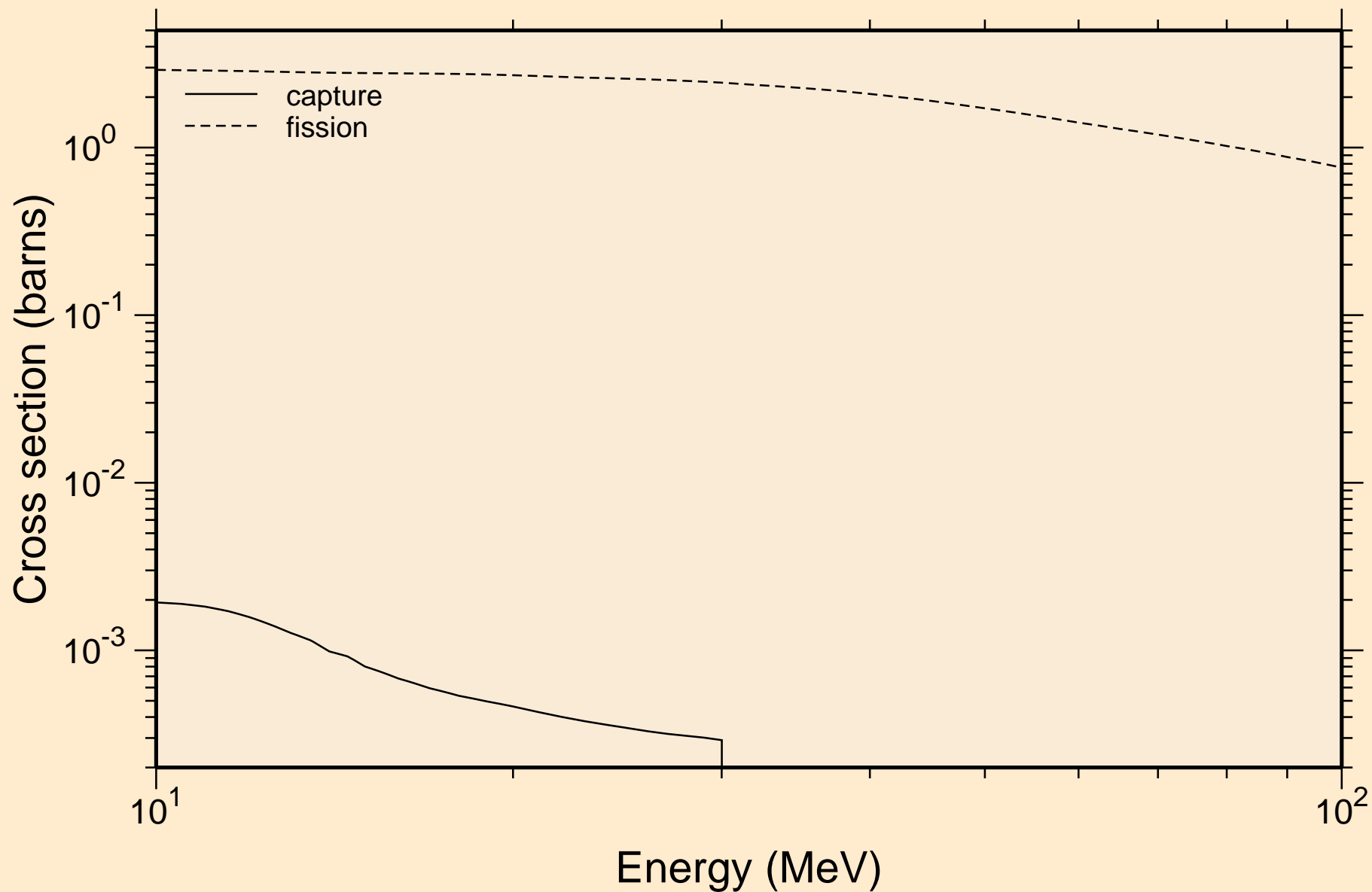
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resonance absorption cross sections



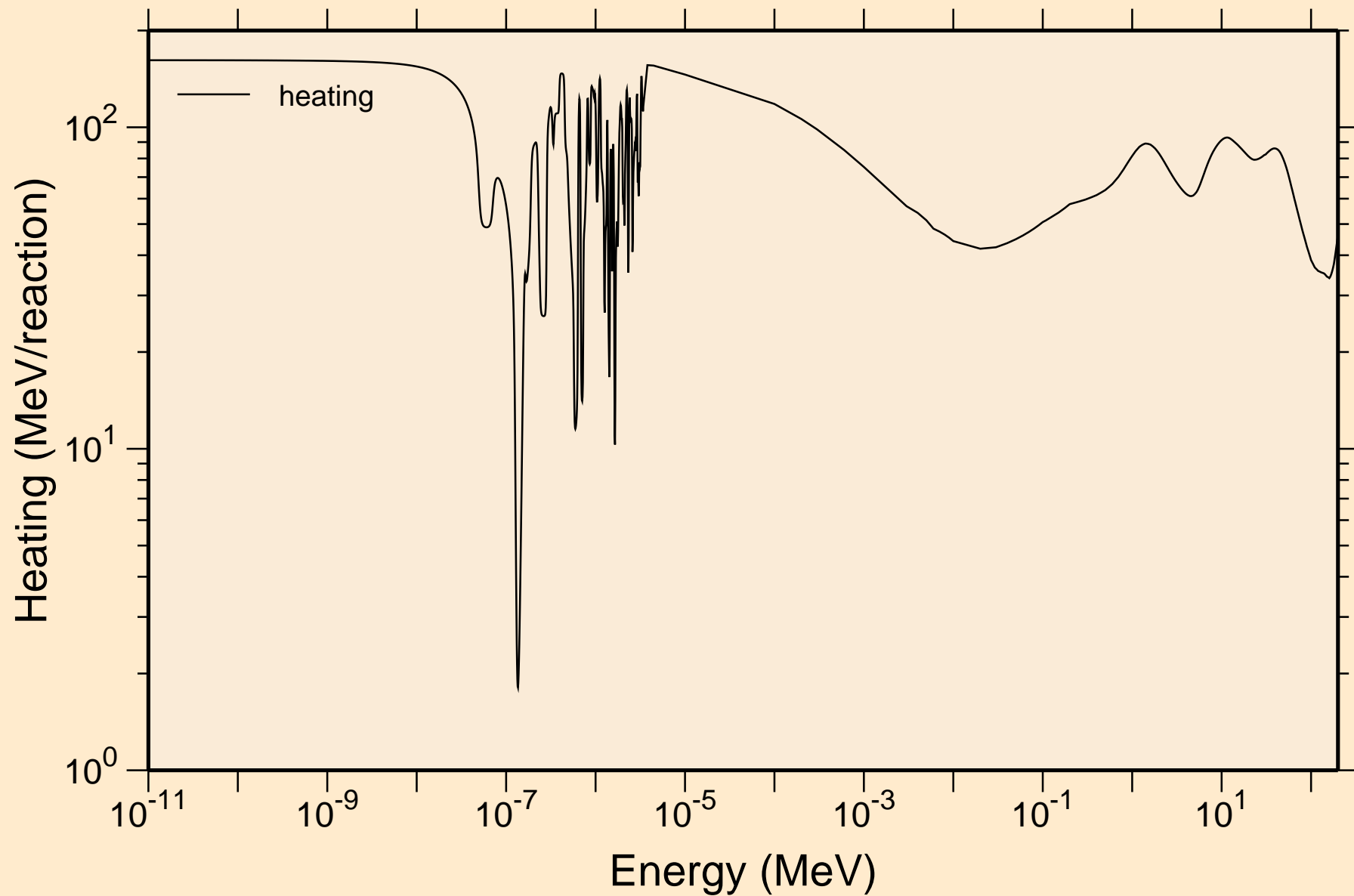
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections

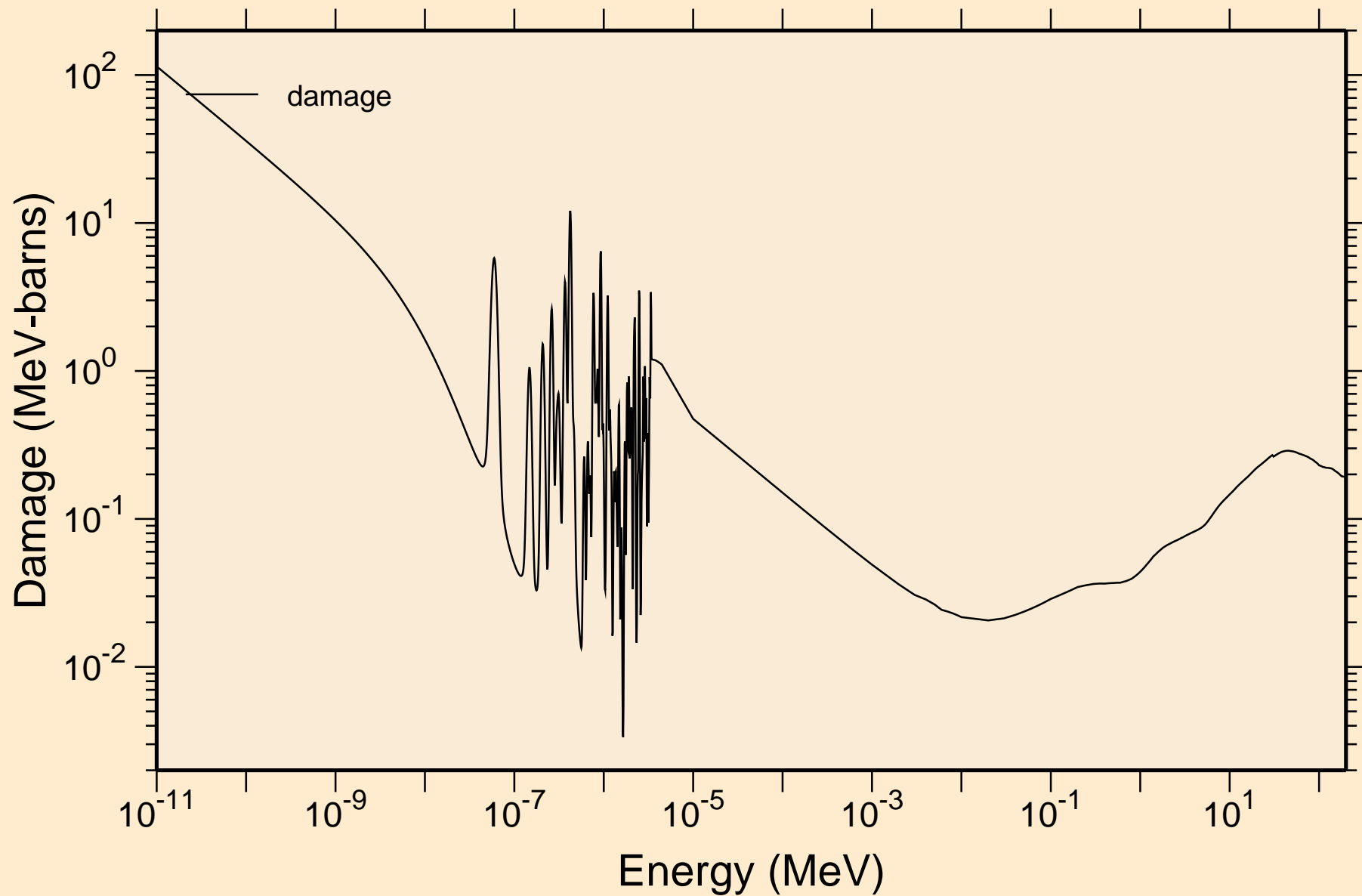


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

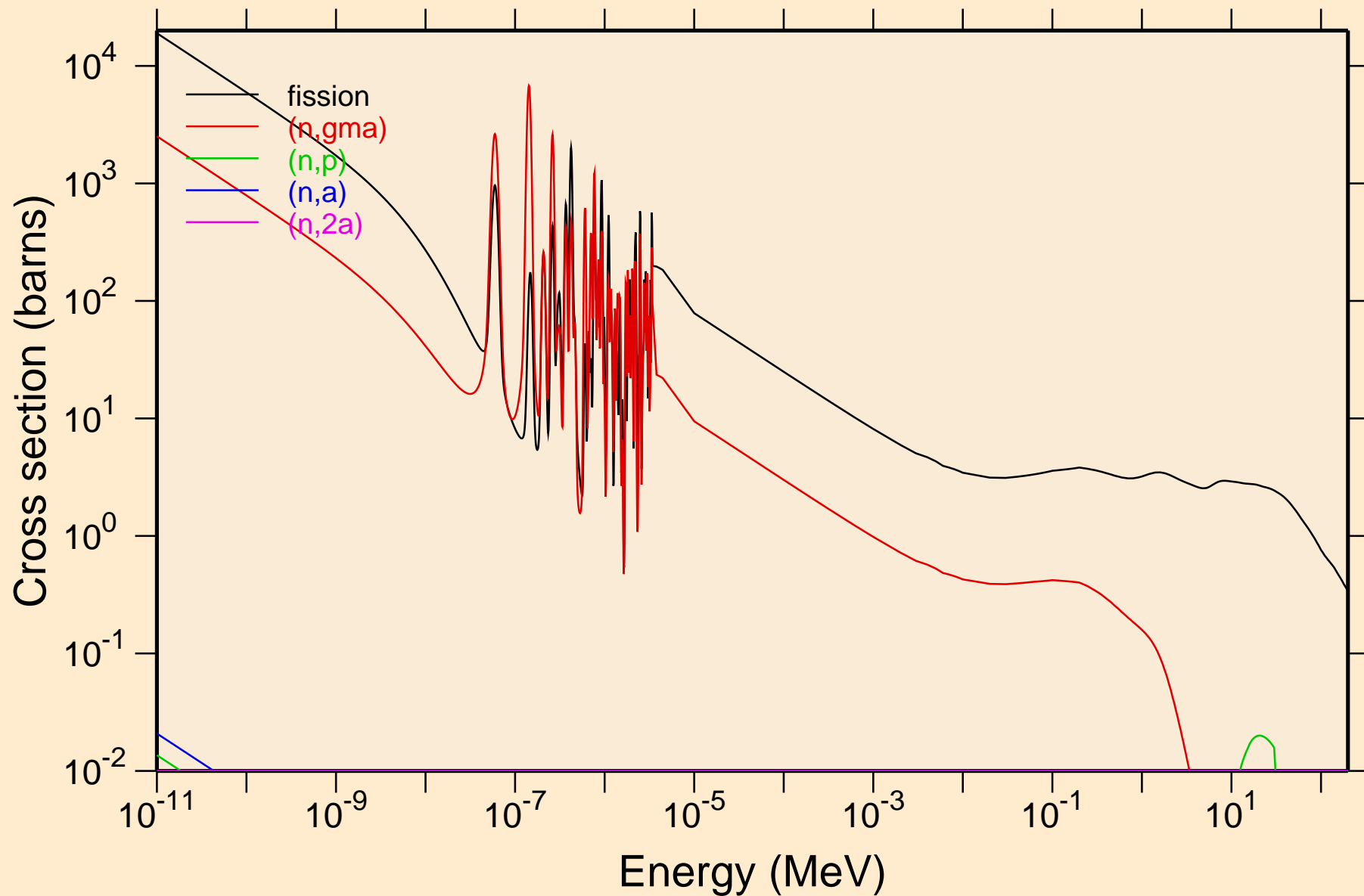


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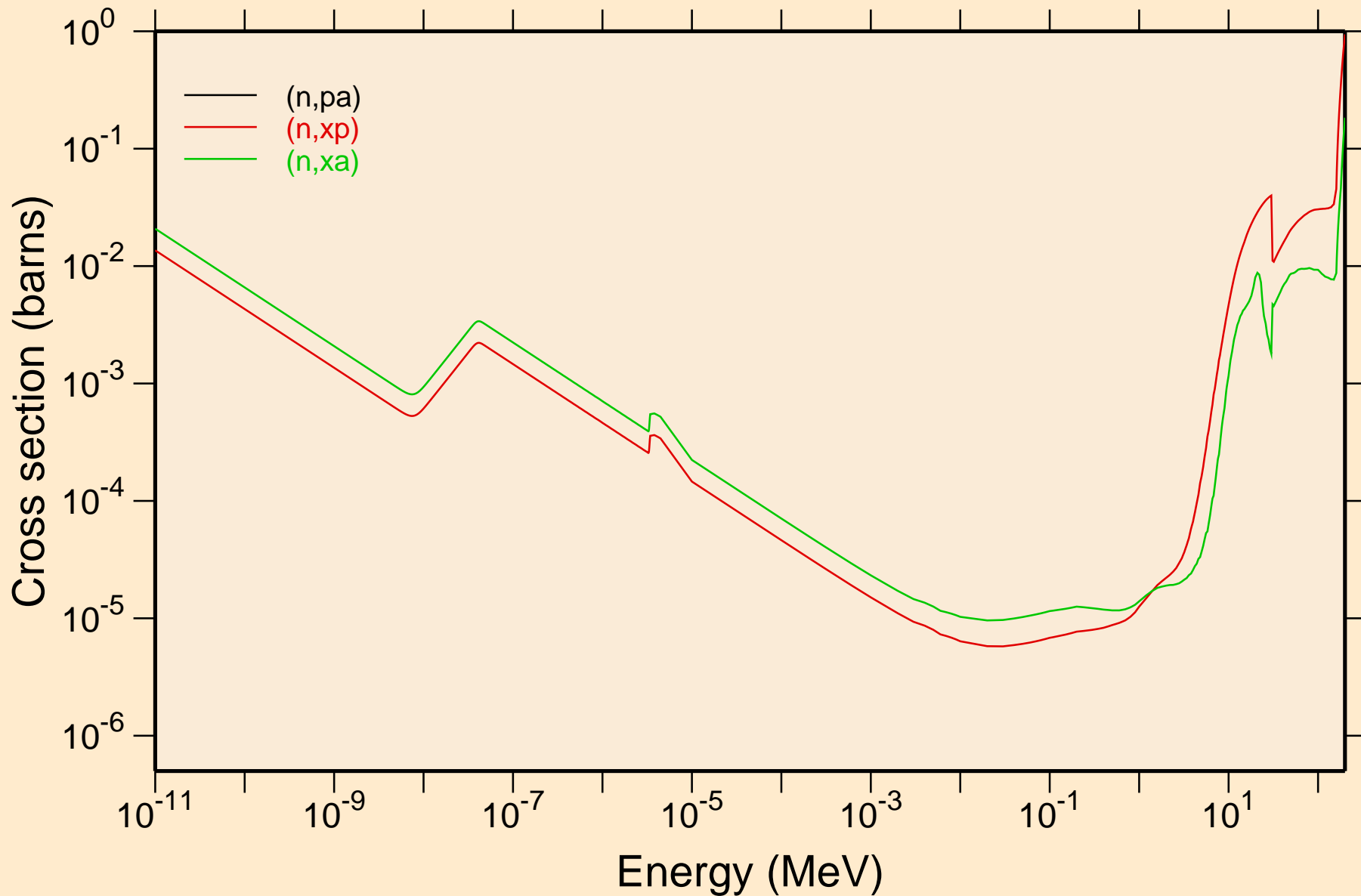
Damage



ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

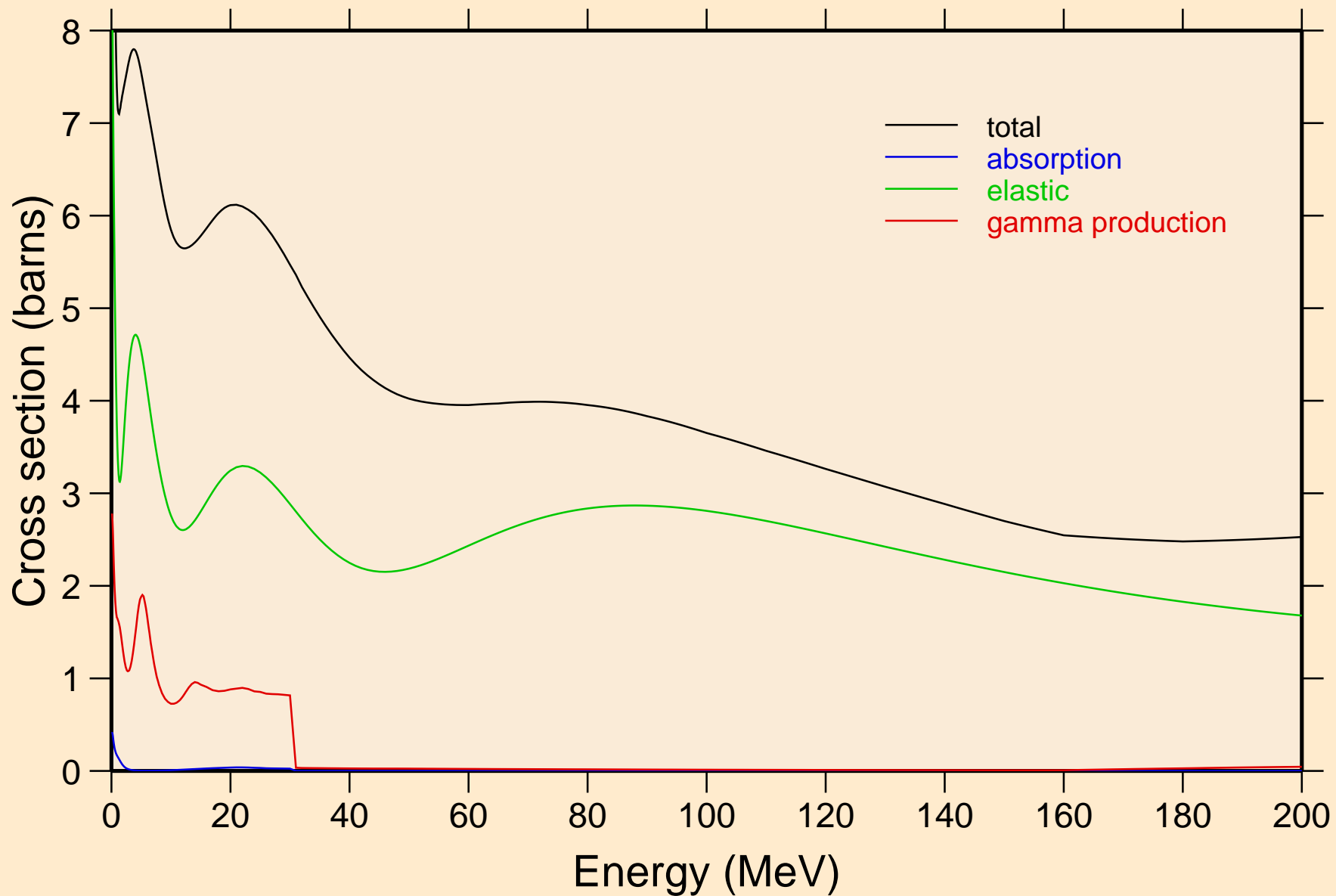


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

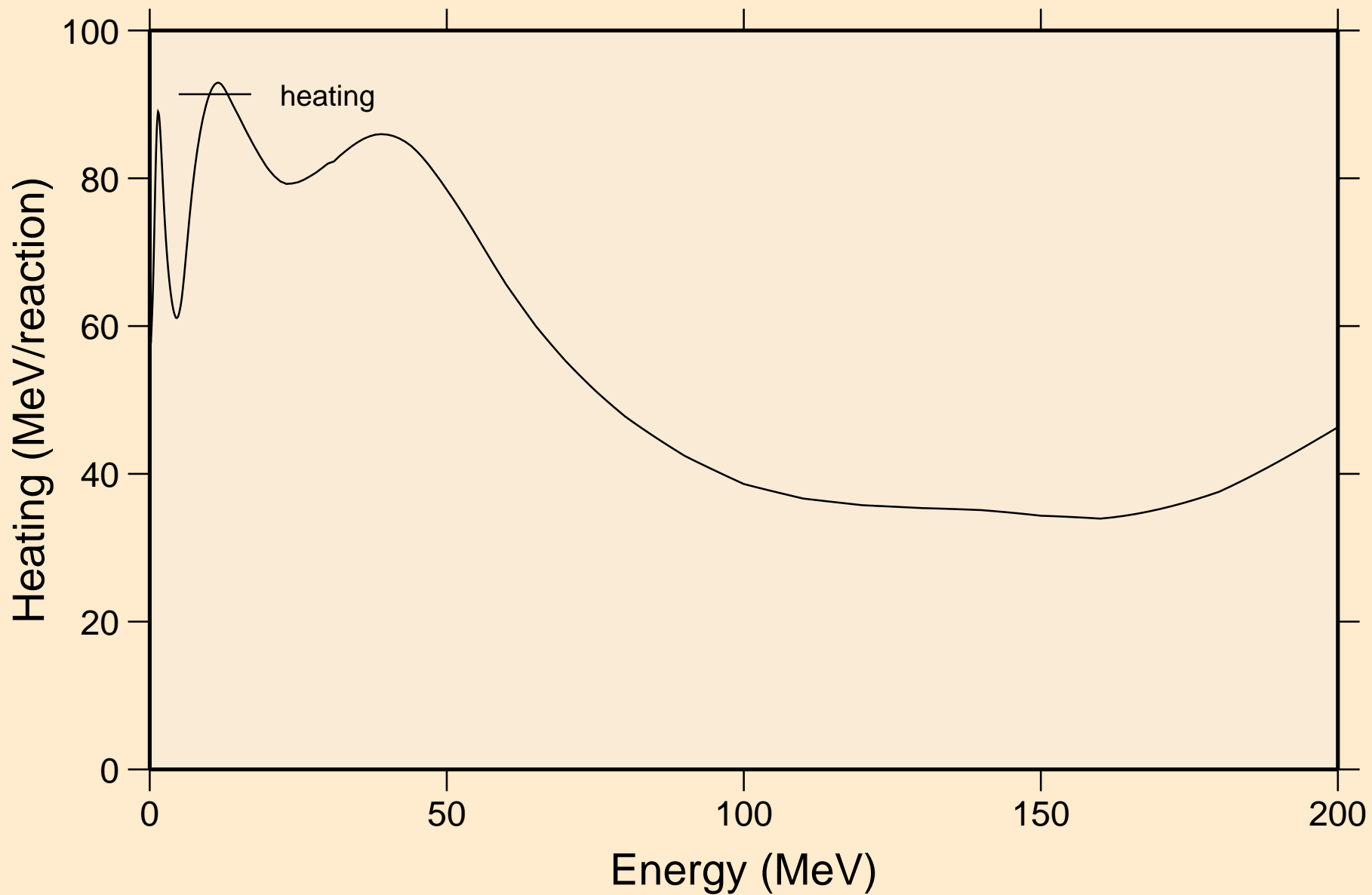


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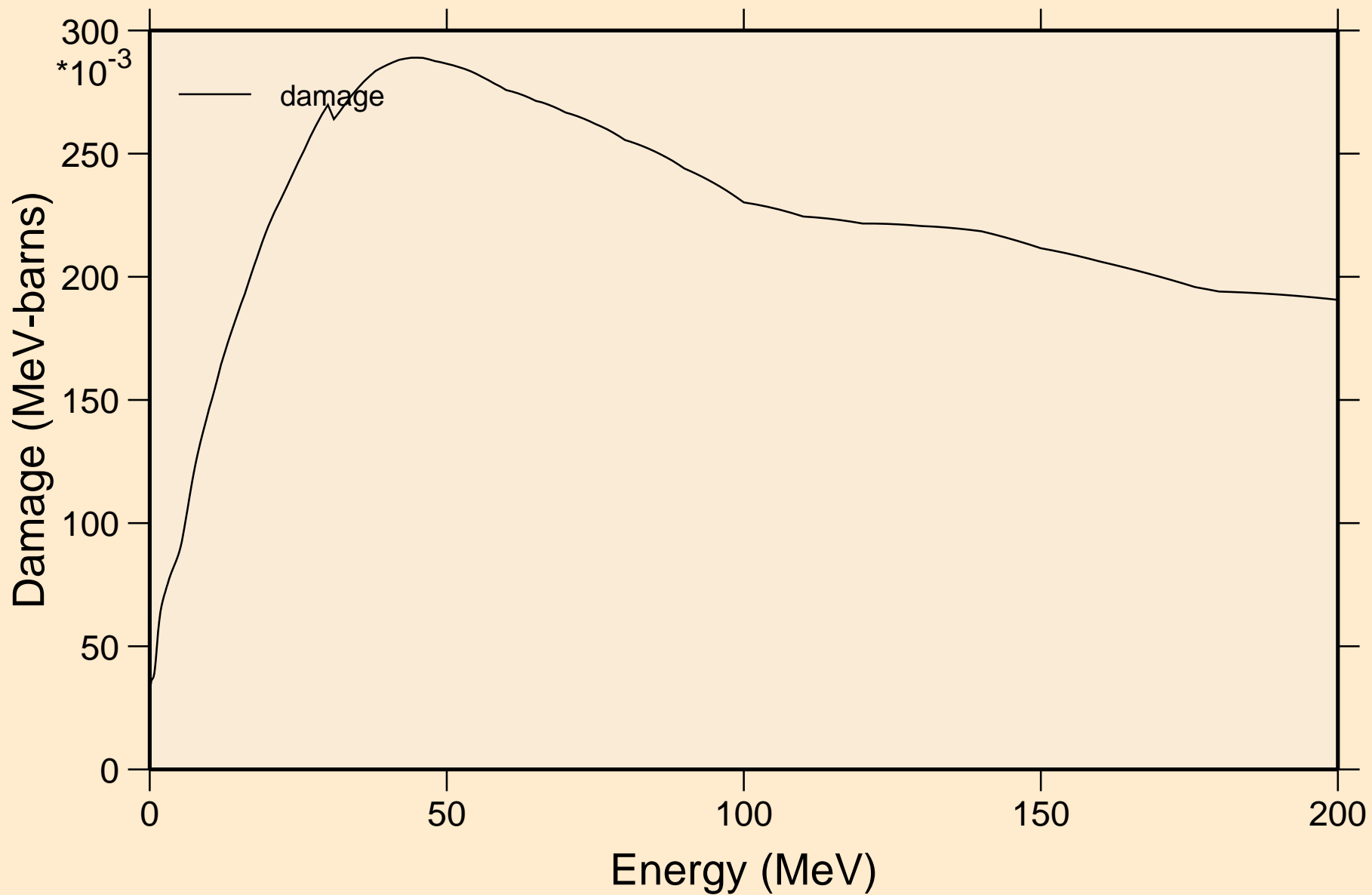
Principal cross sections



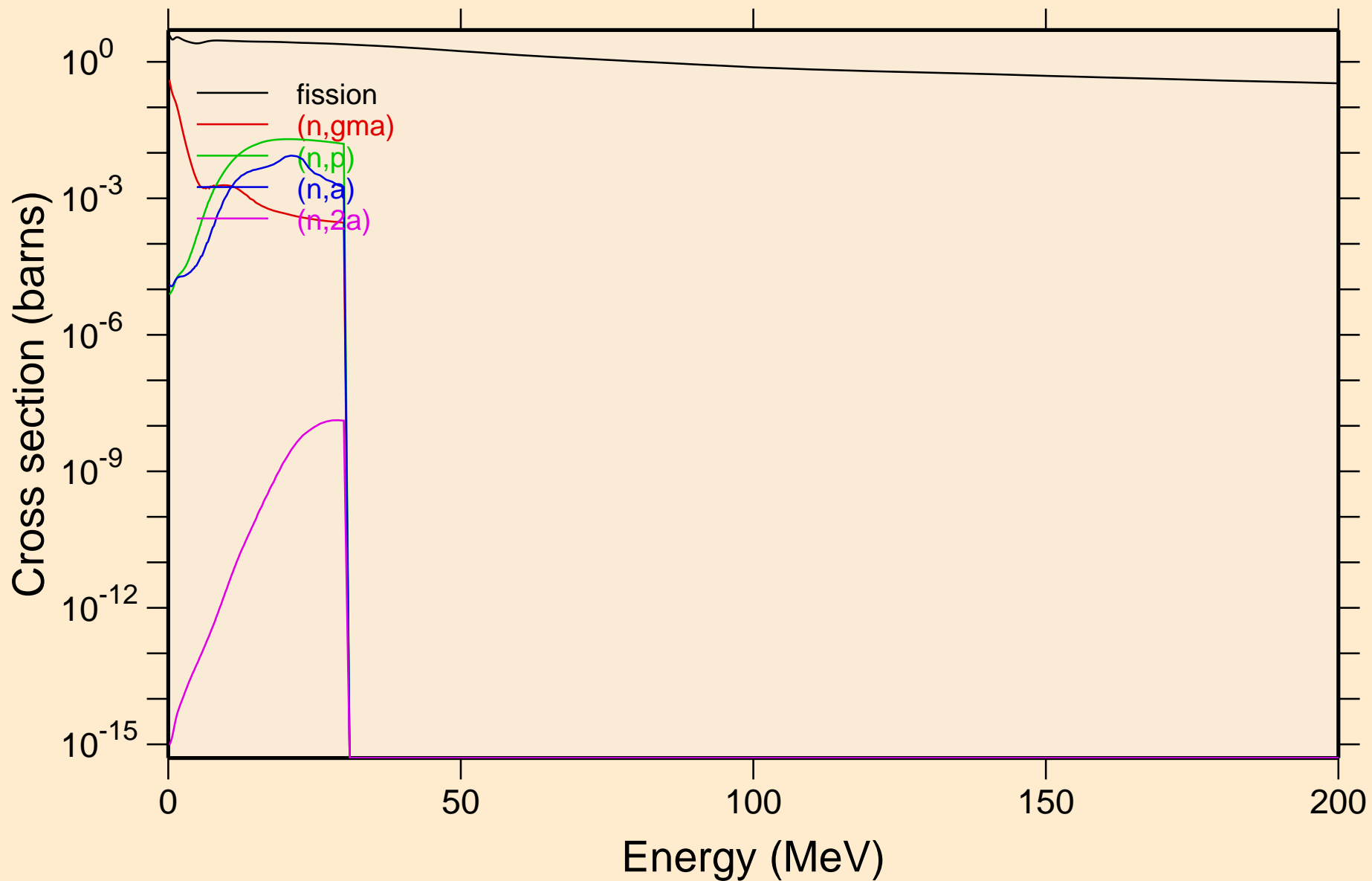
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



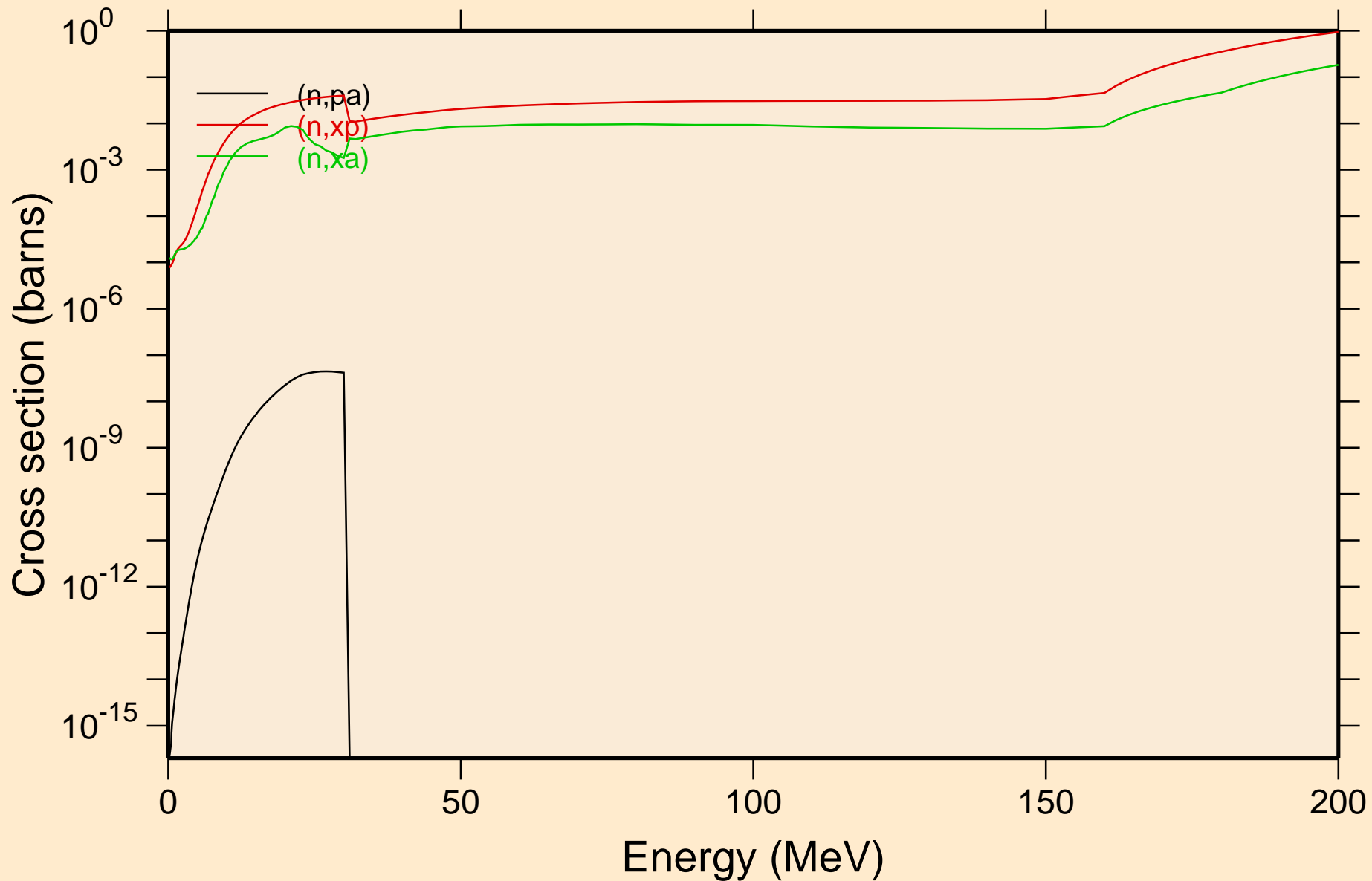
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



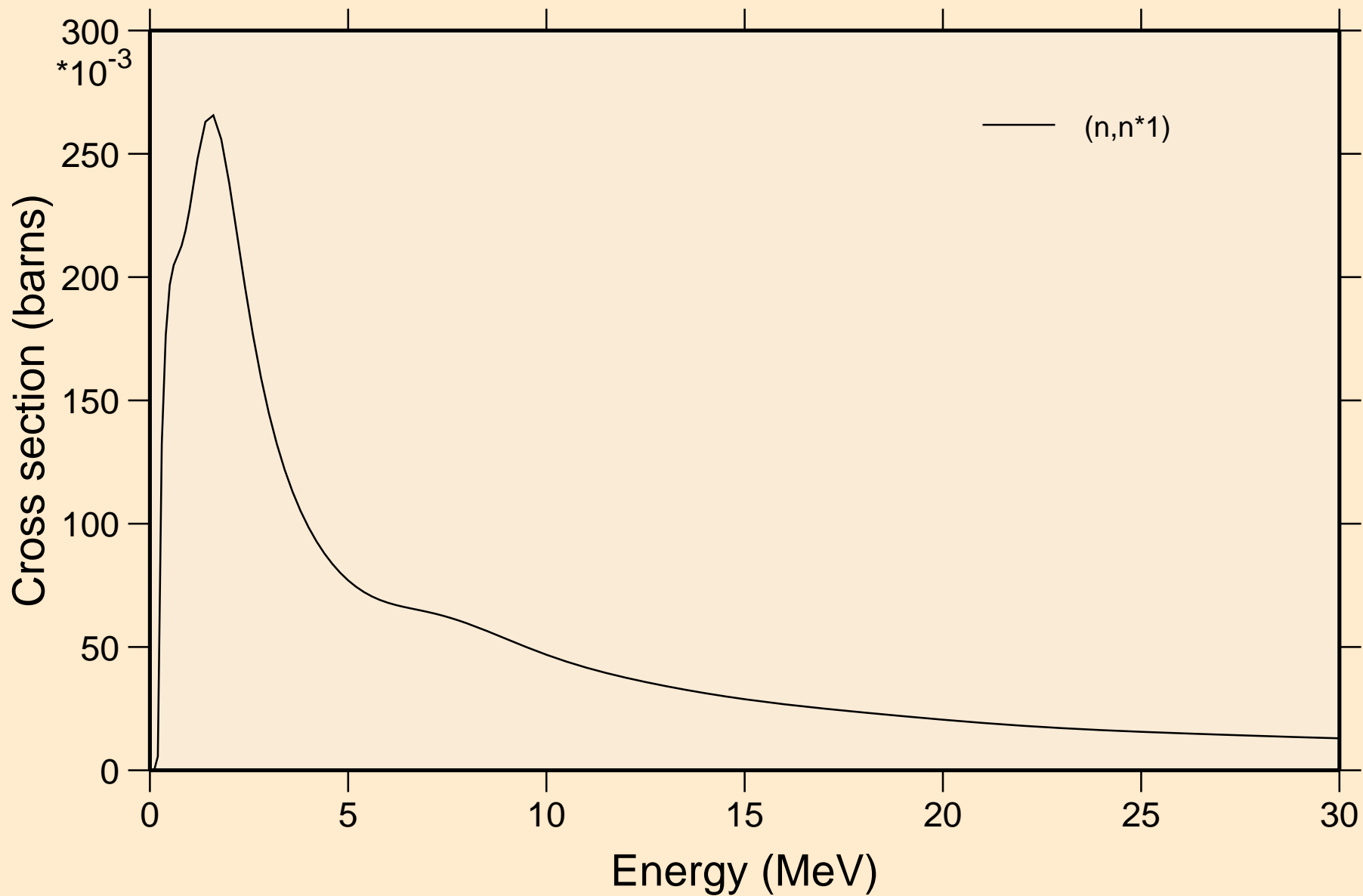
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Non-threshold reactions



ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

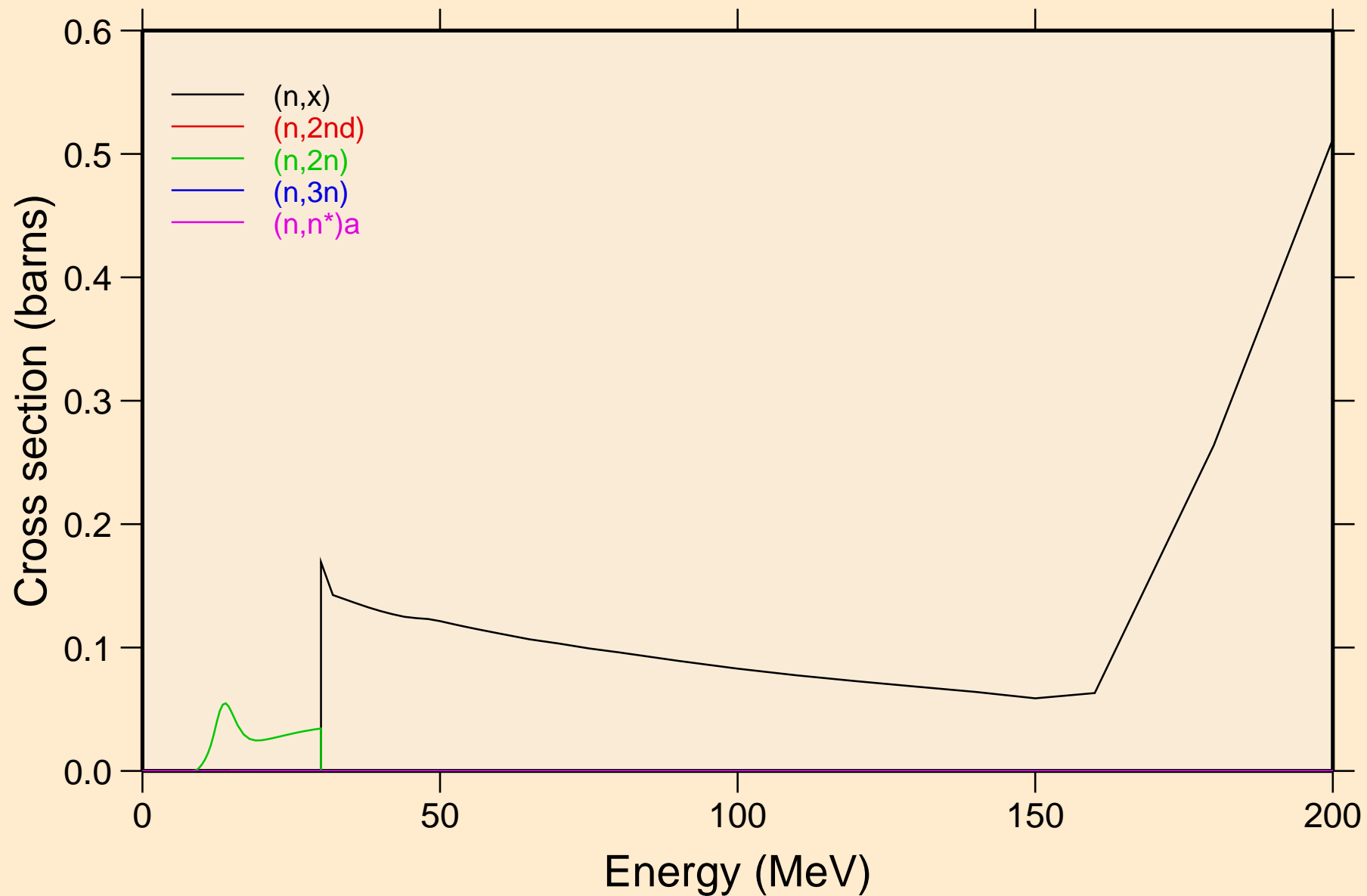


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

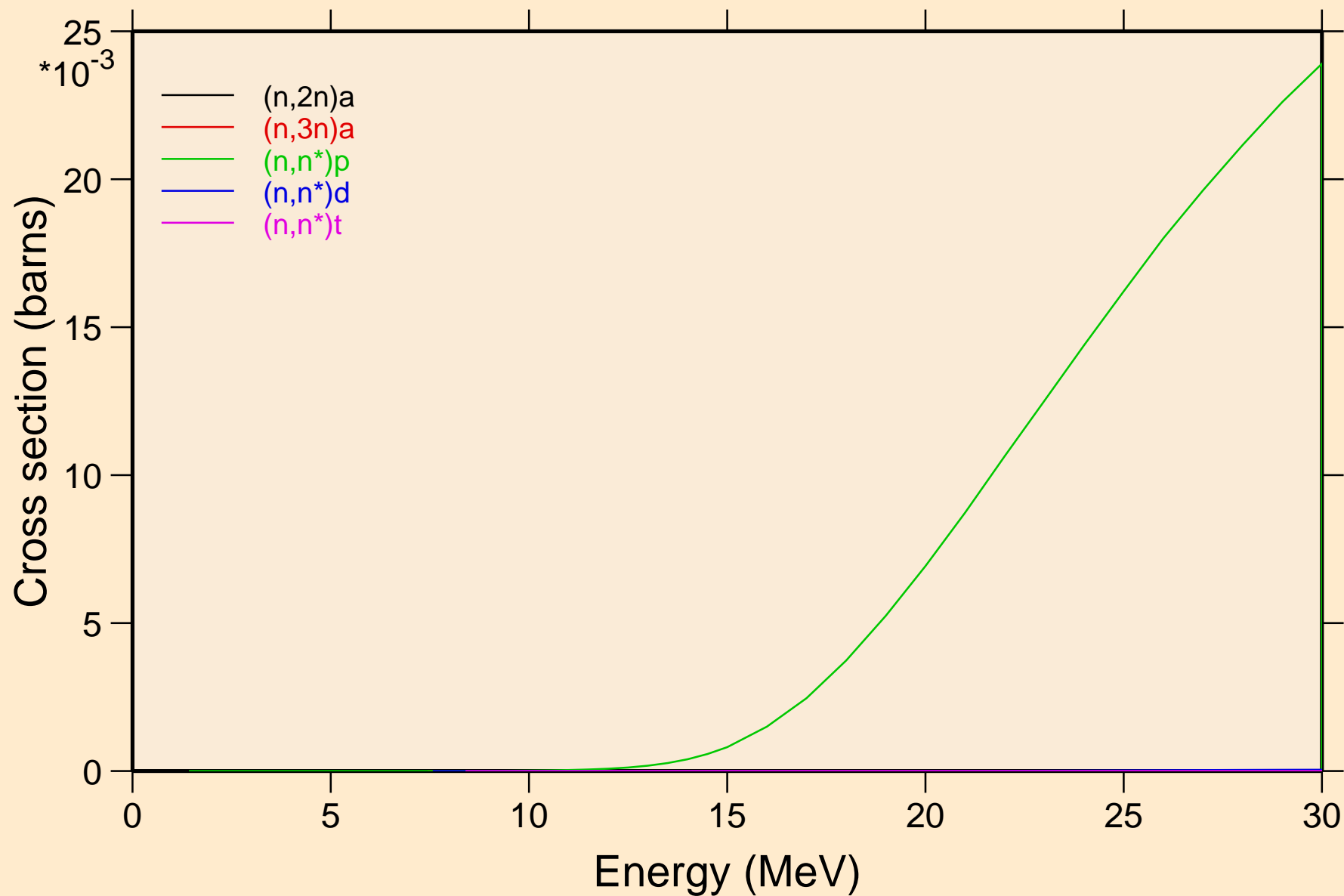


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

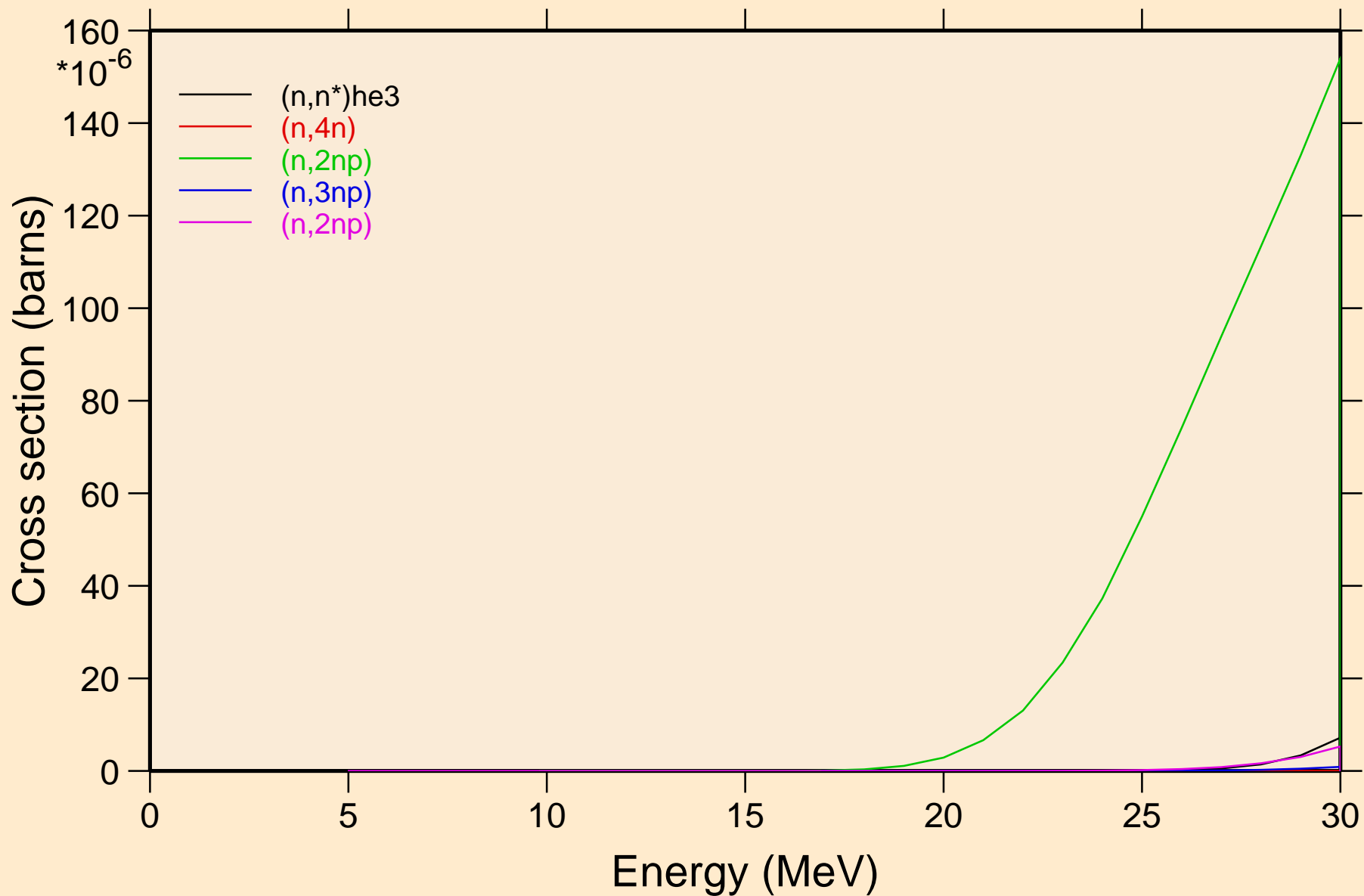
Threshold reactions



ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

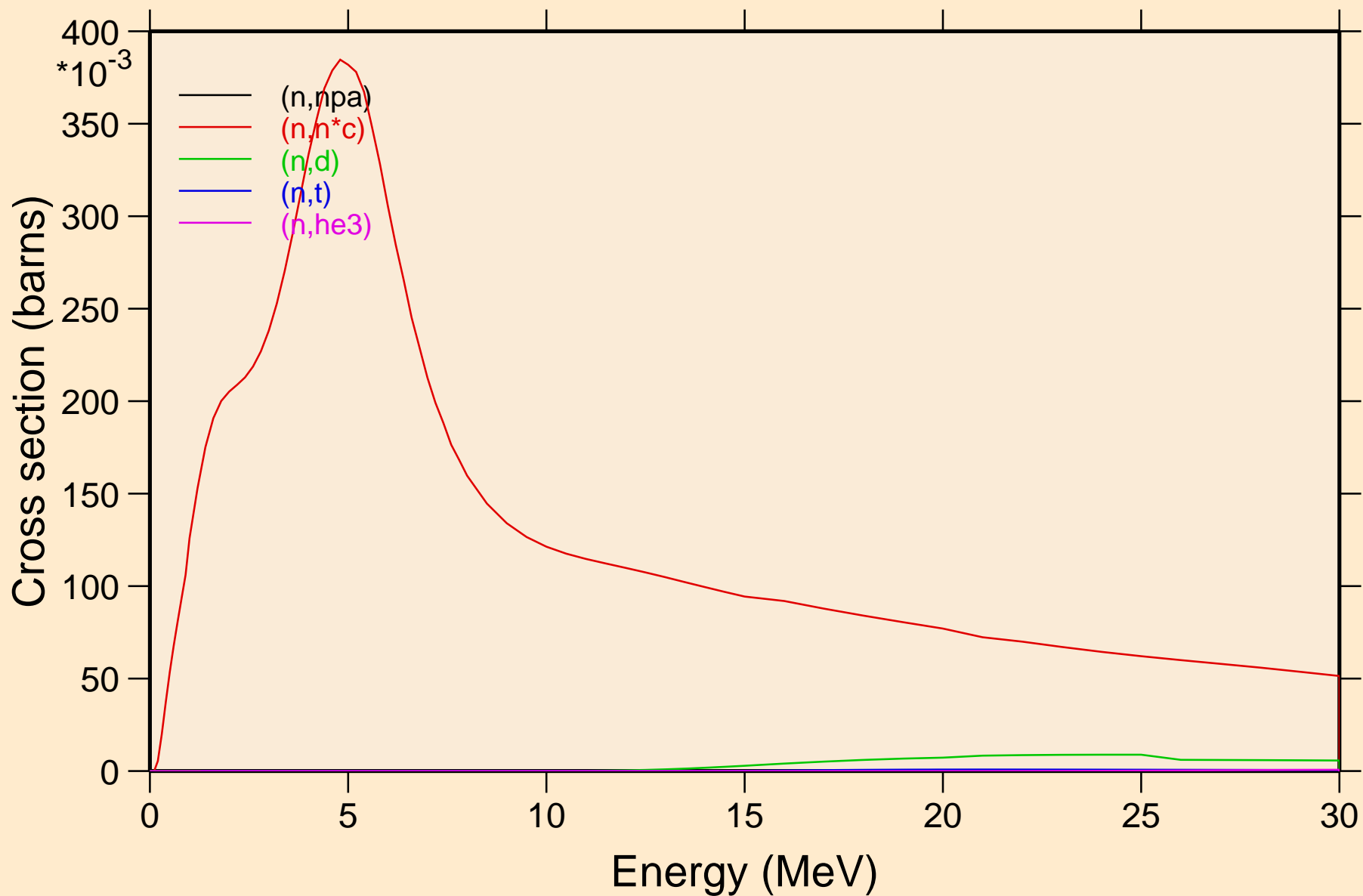


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

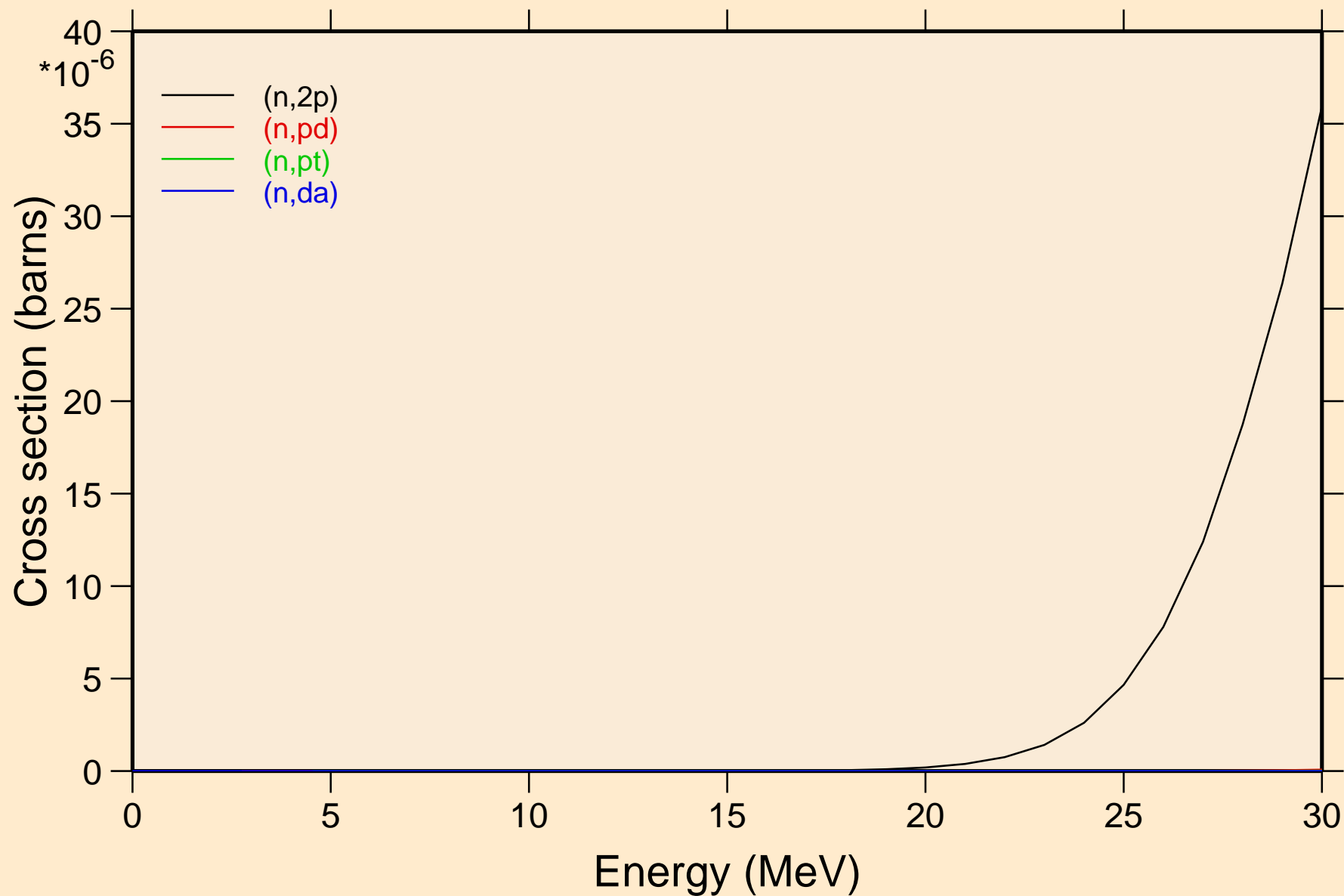


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

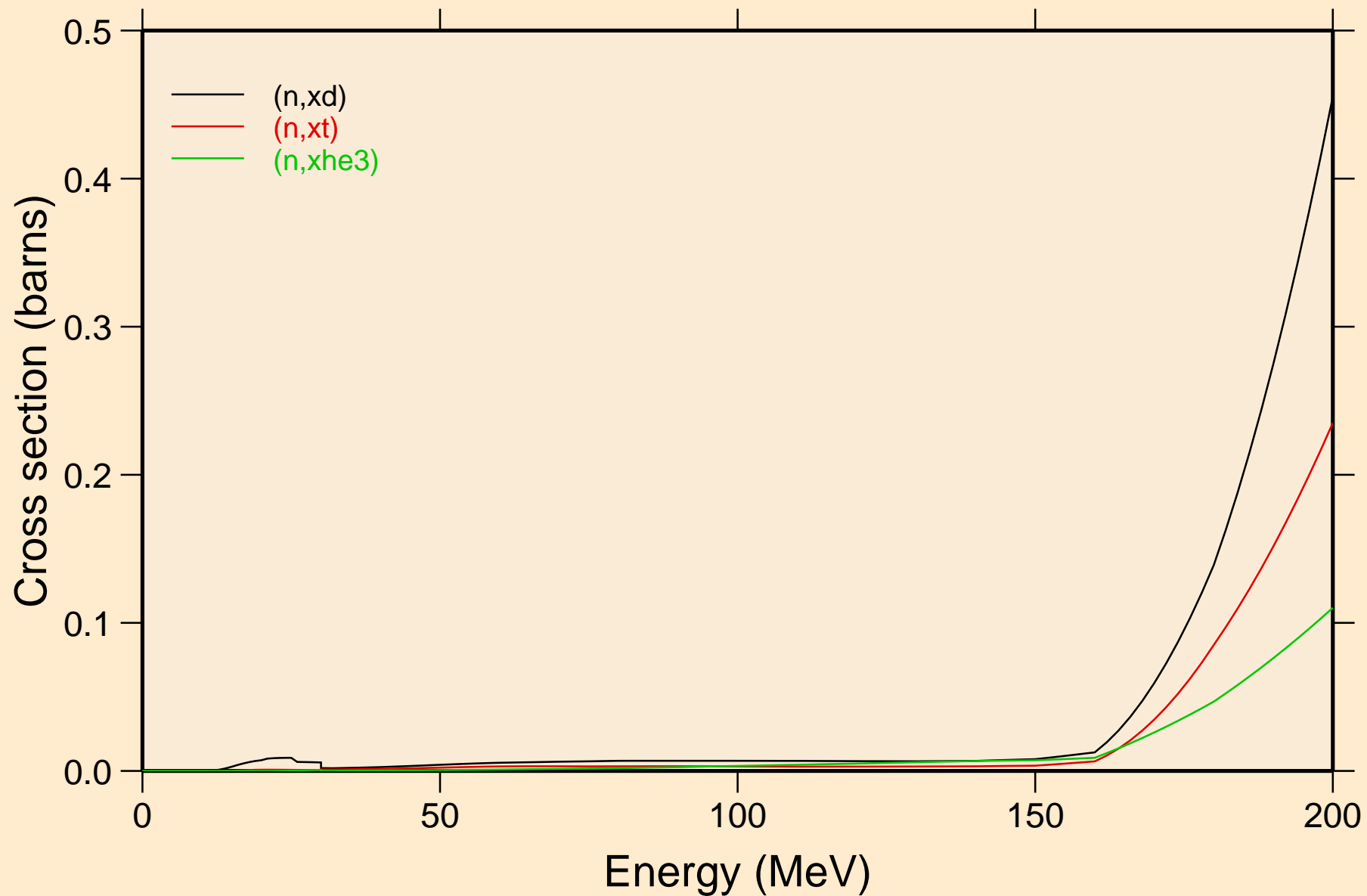
Threshold reactions



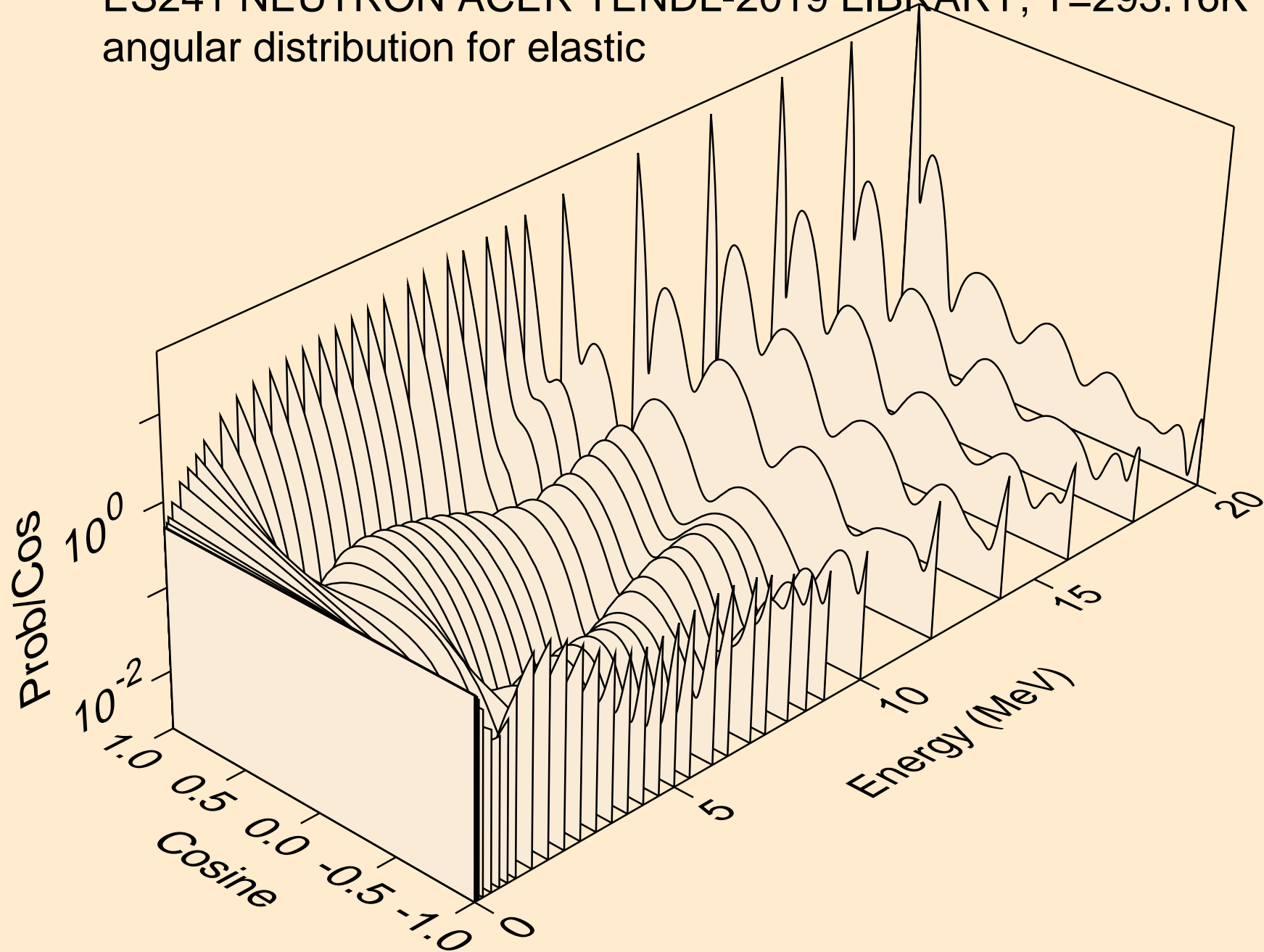
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



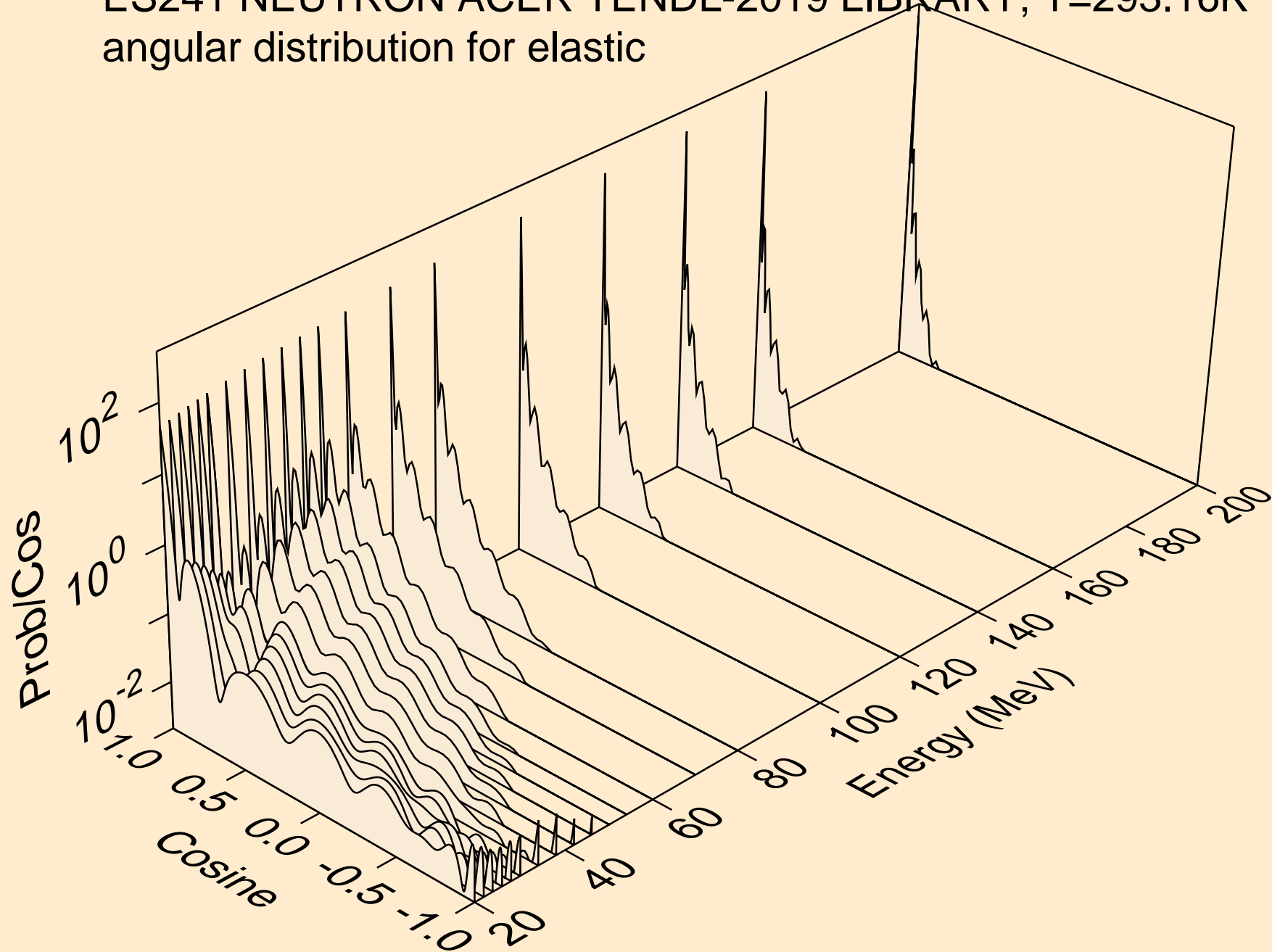
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



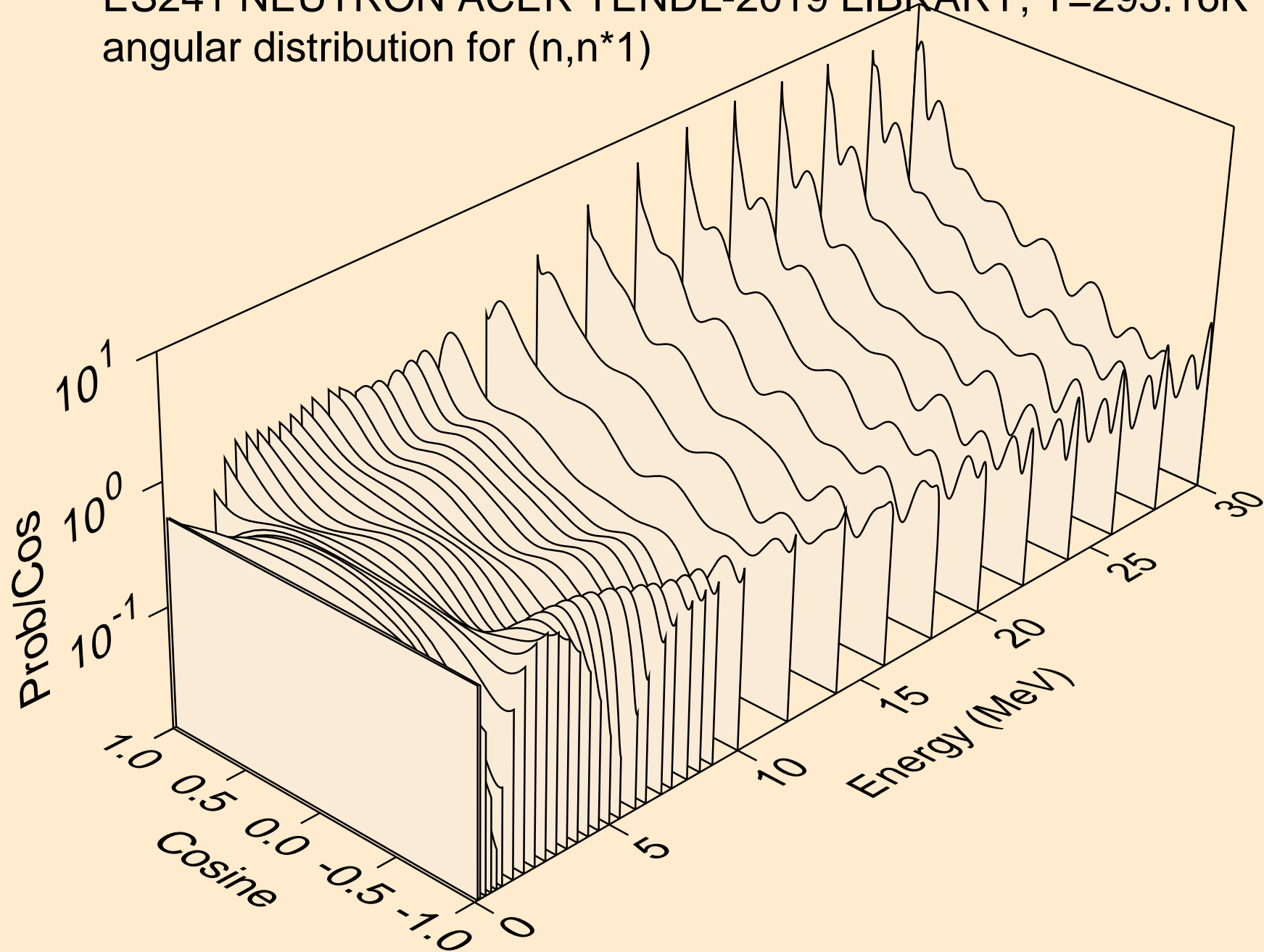
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



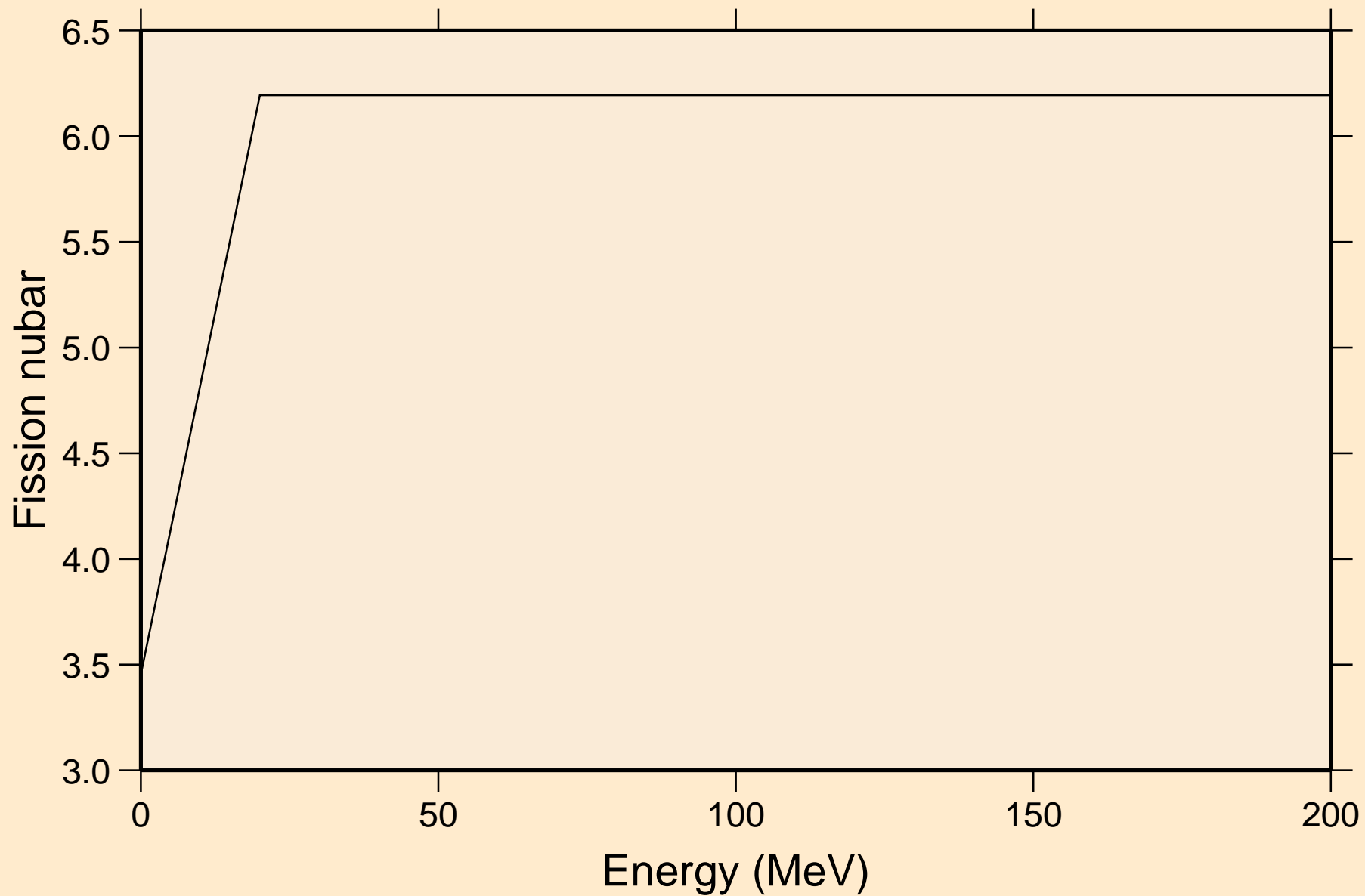
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



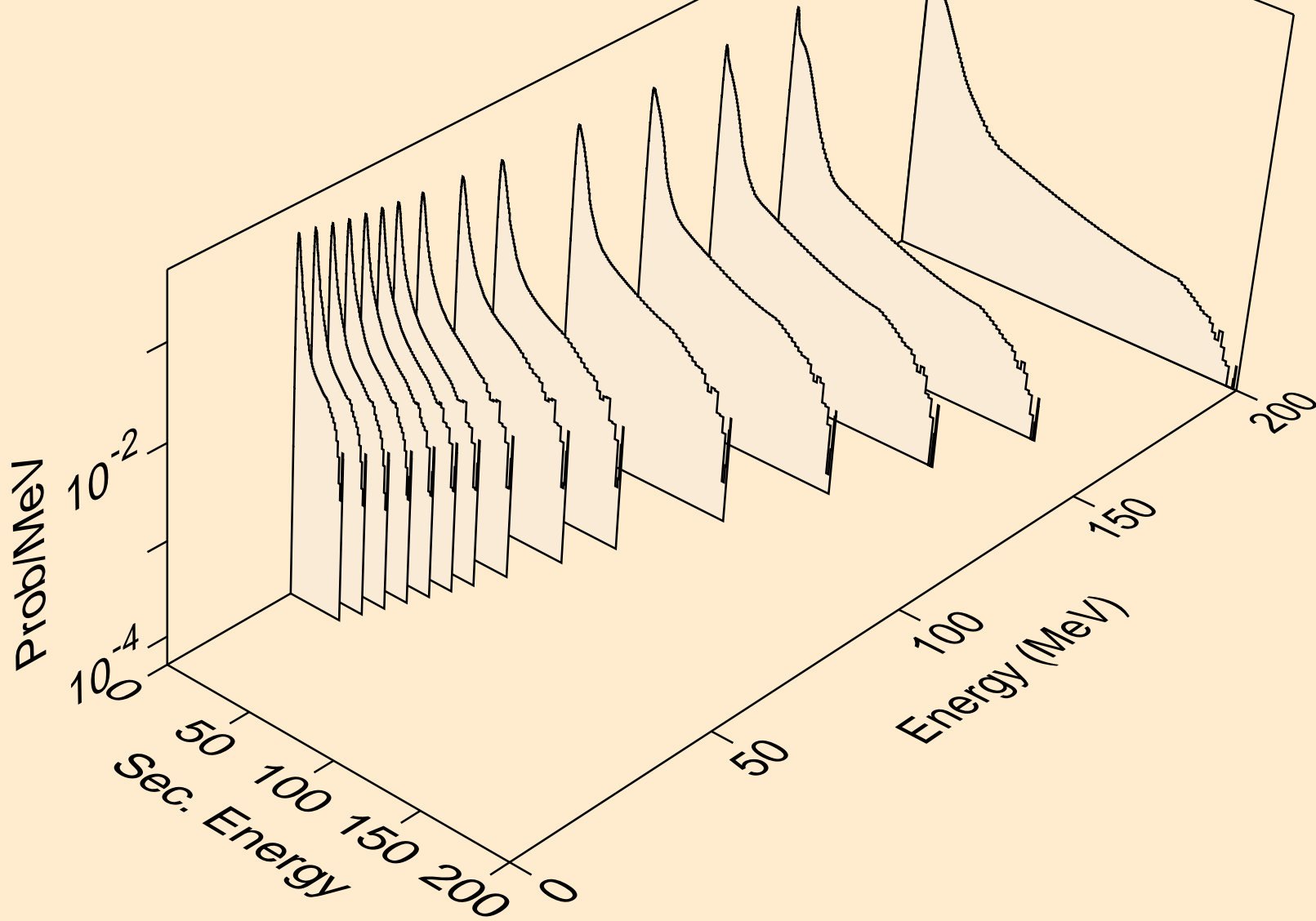
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



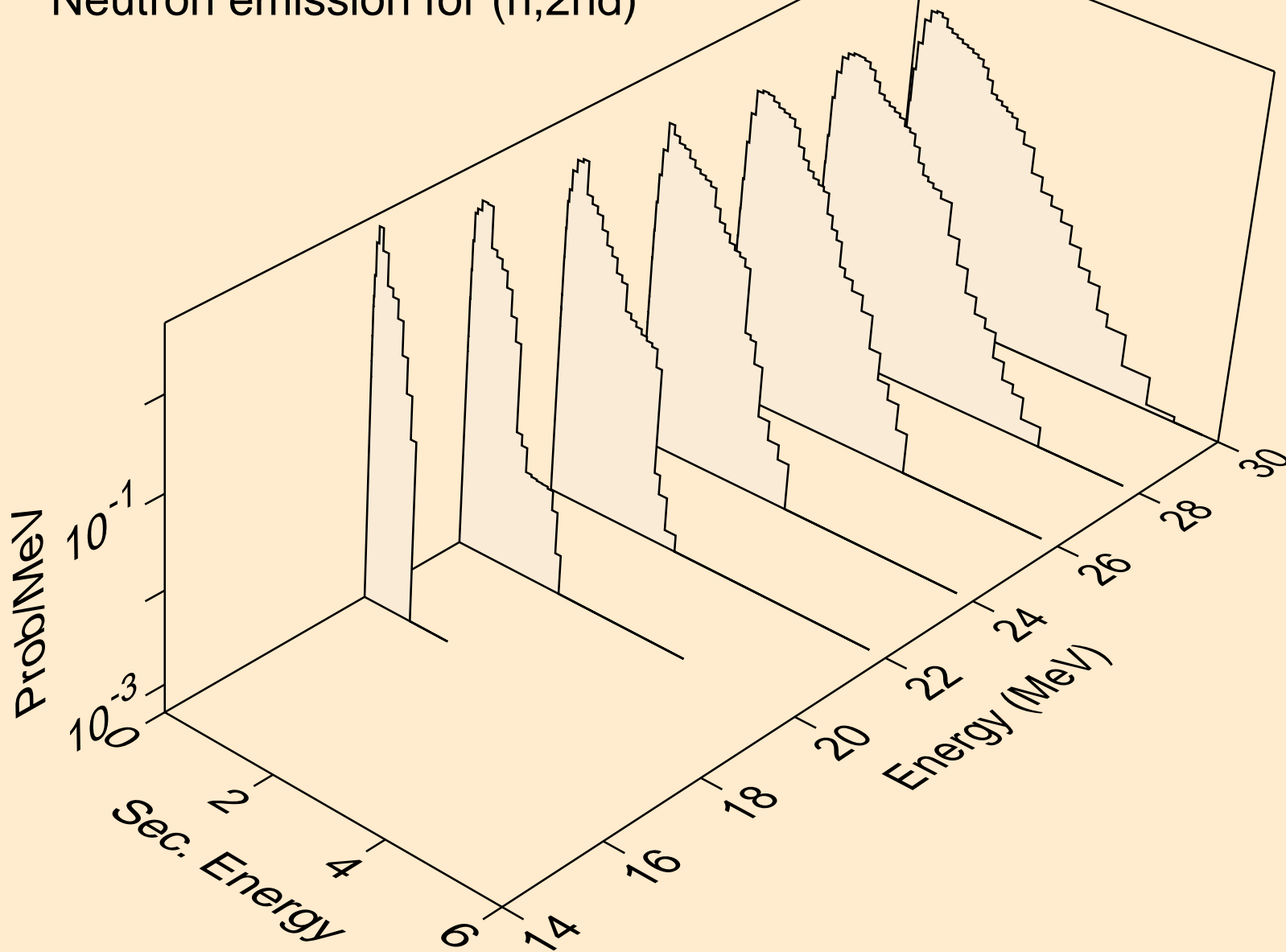
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Total fission nubar



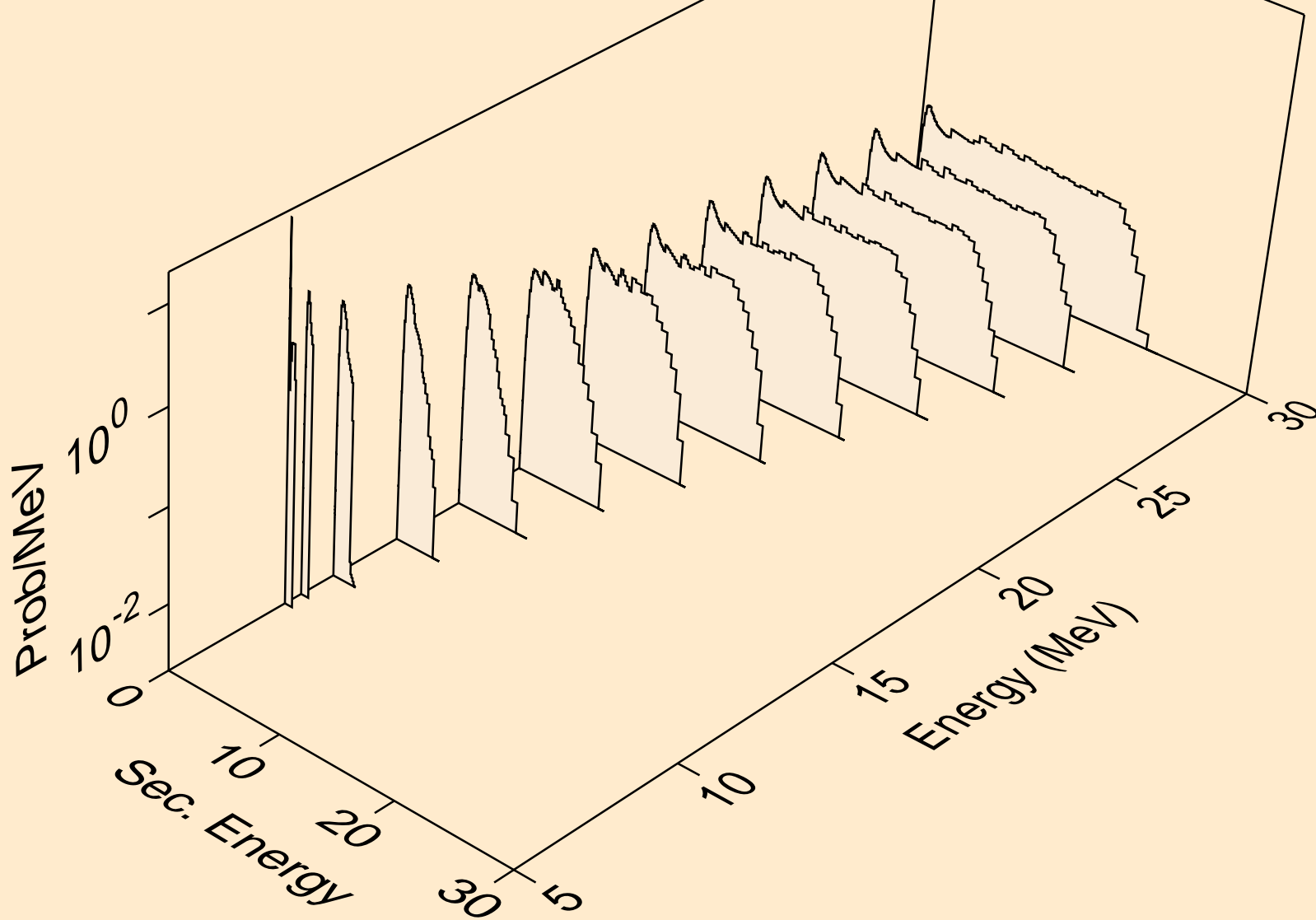
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



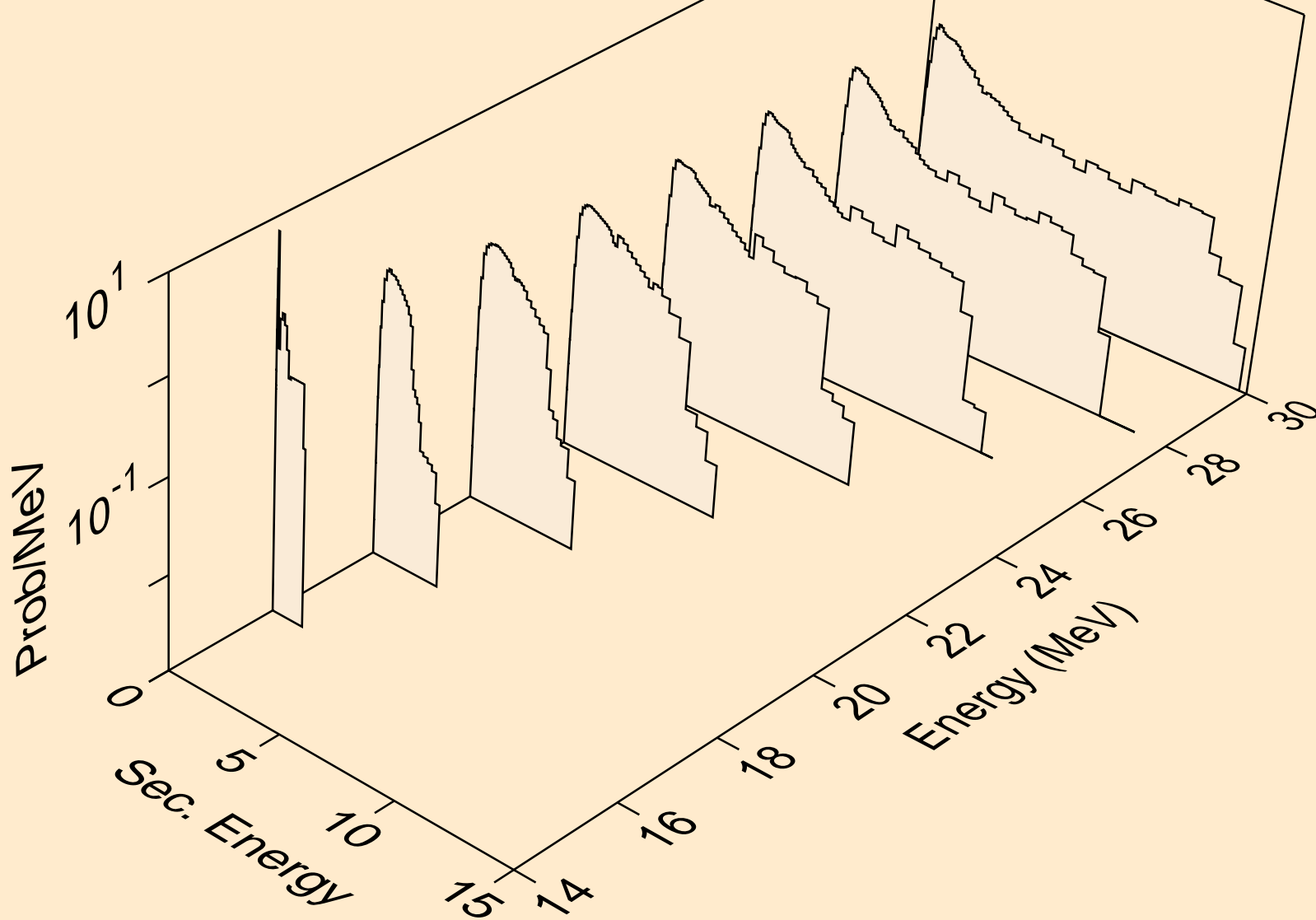
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



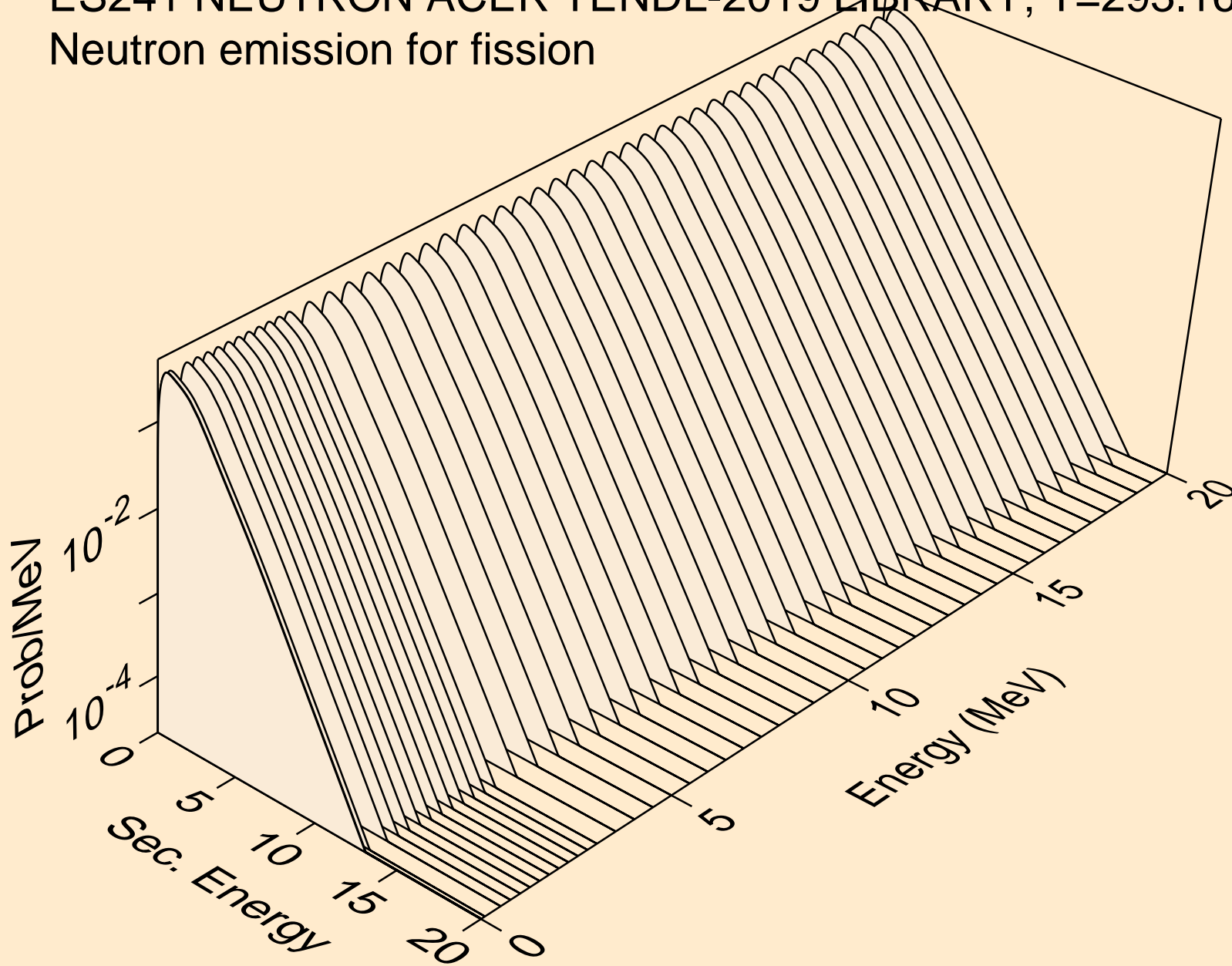
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



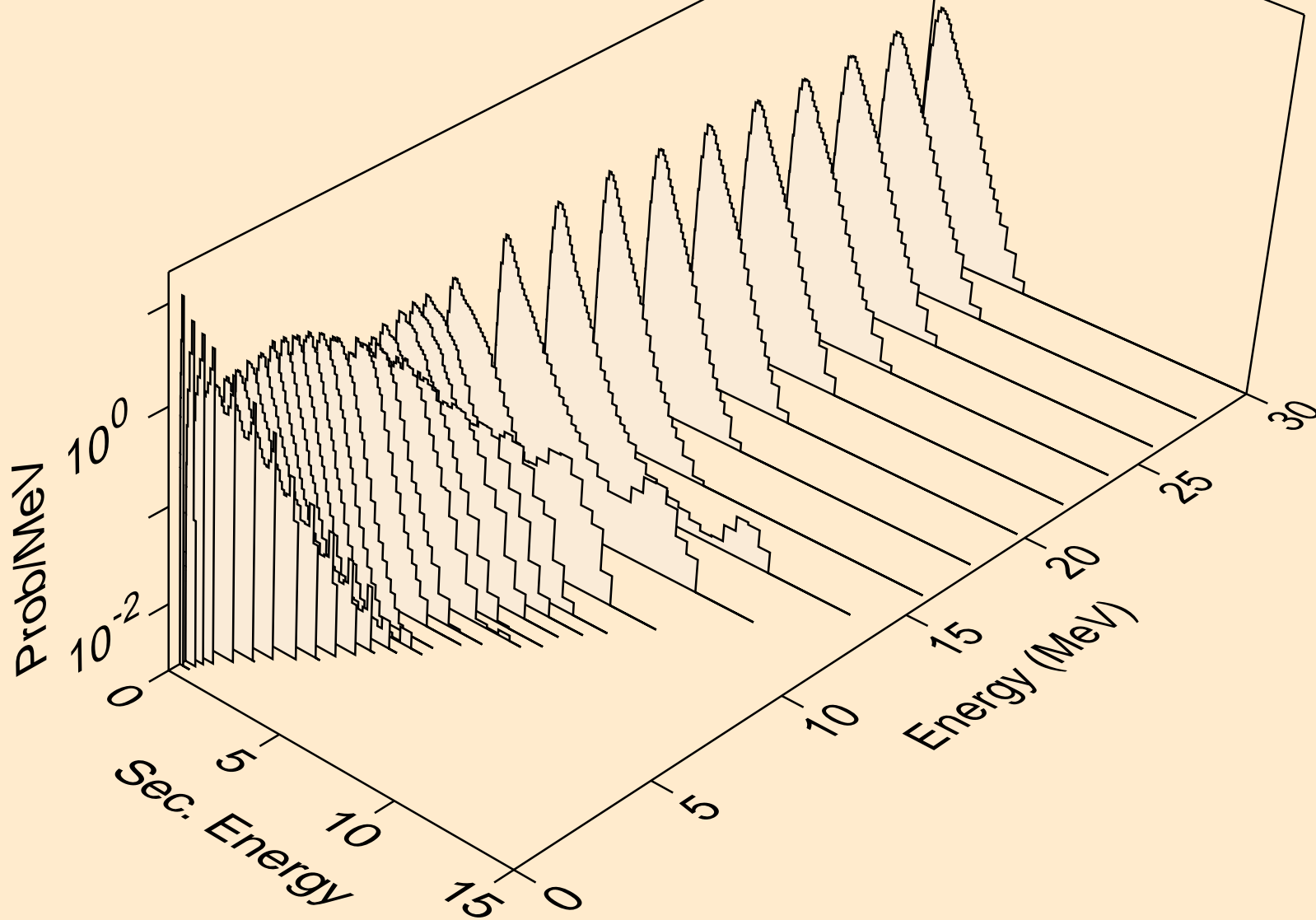
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



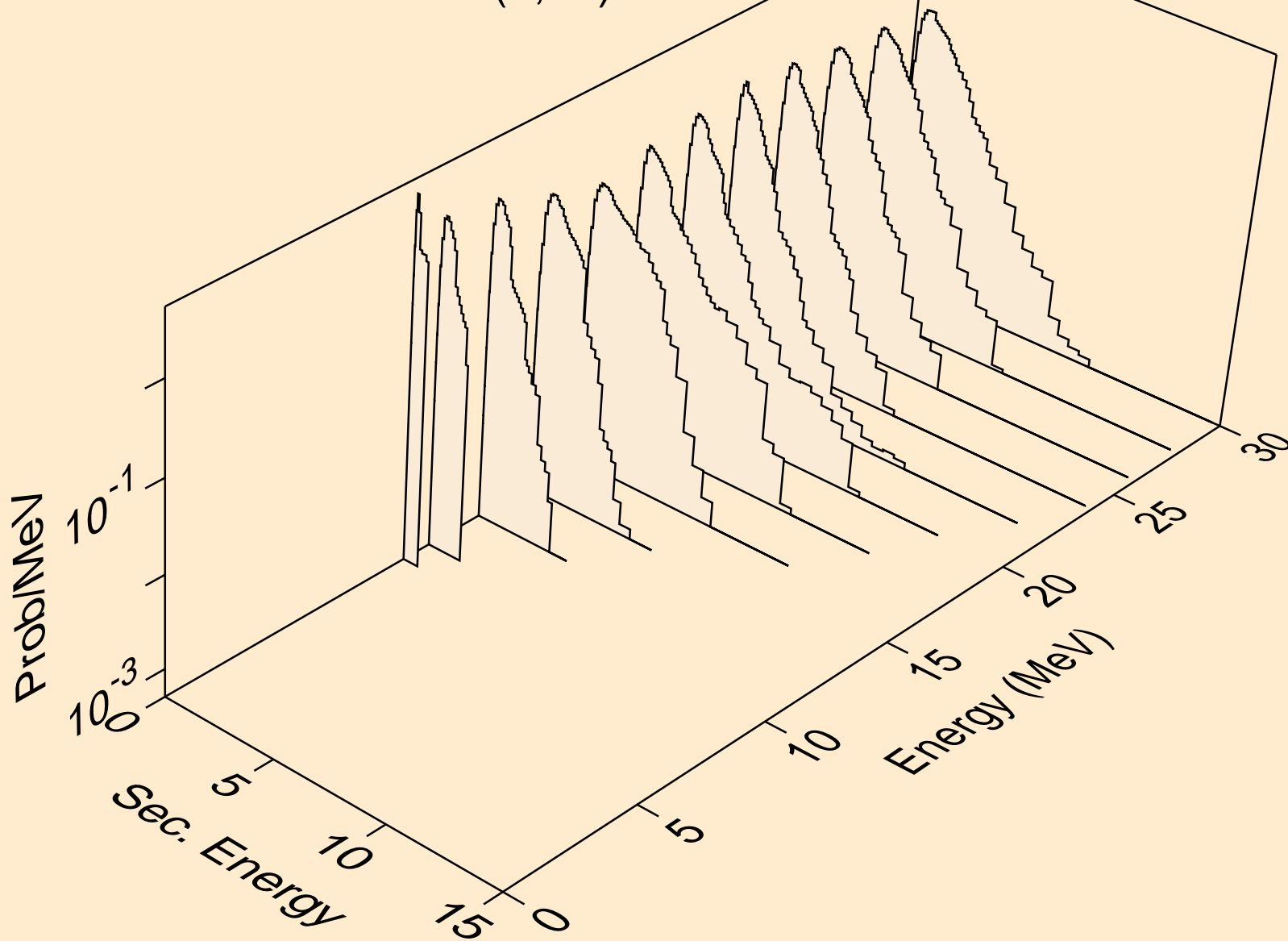
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



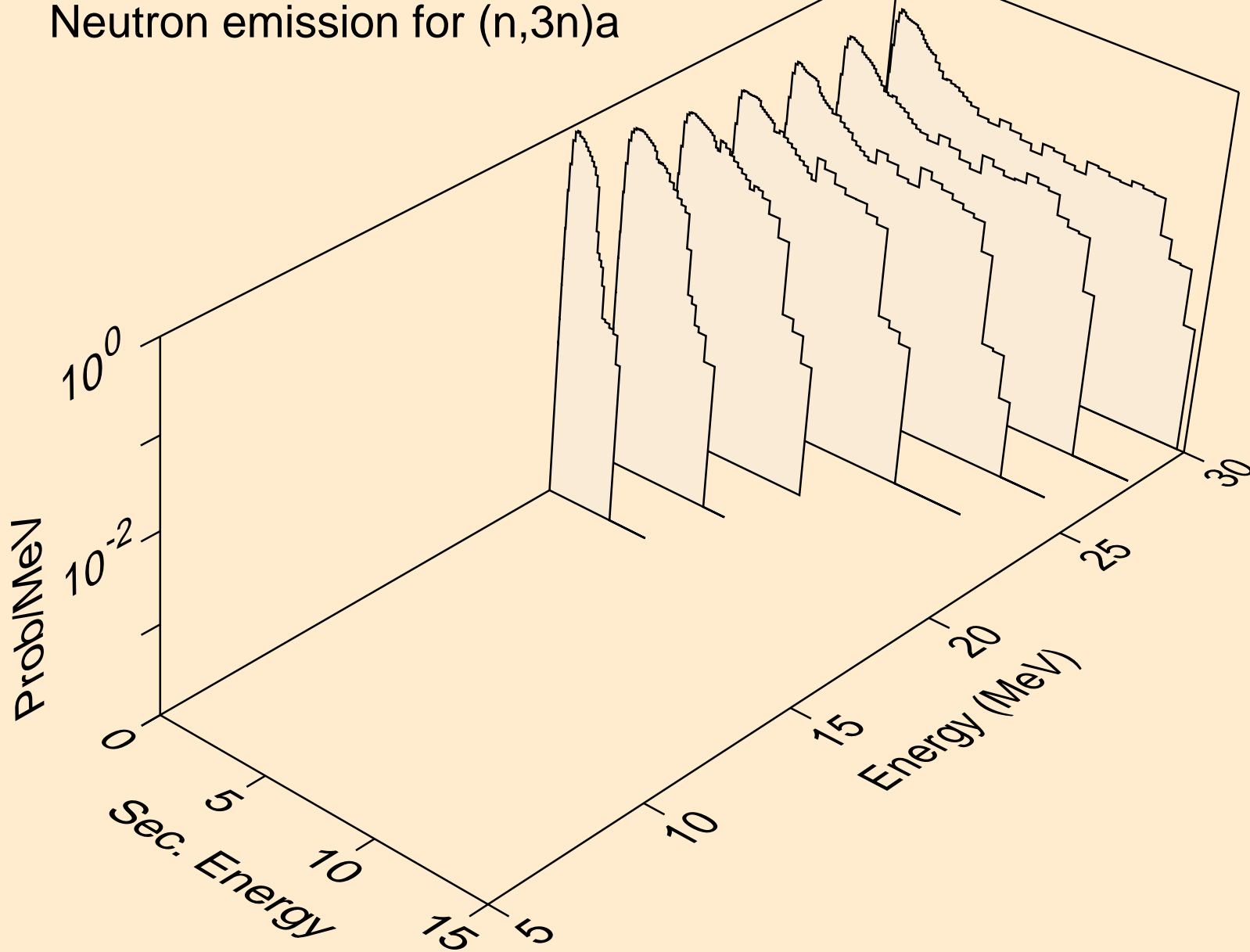
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



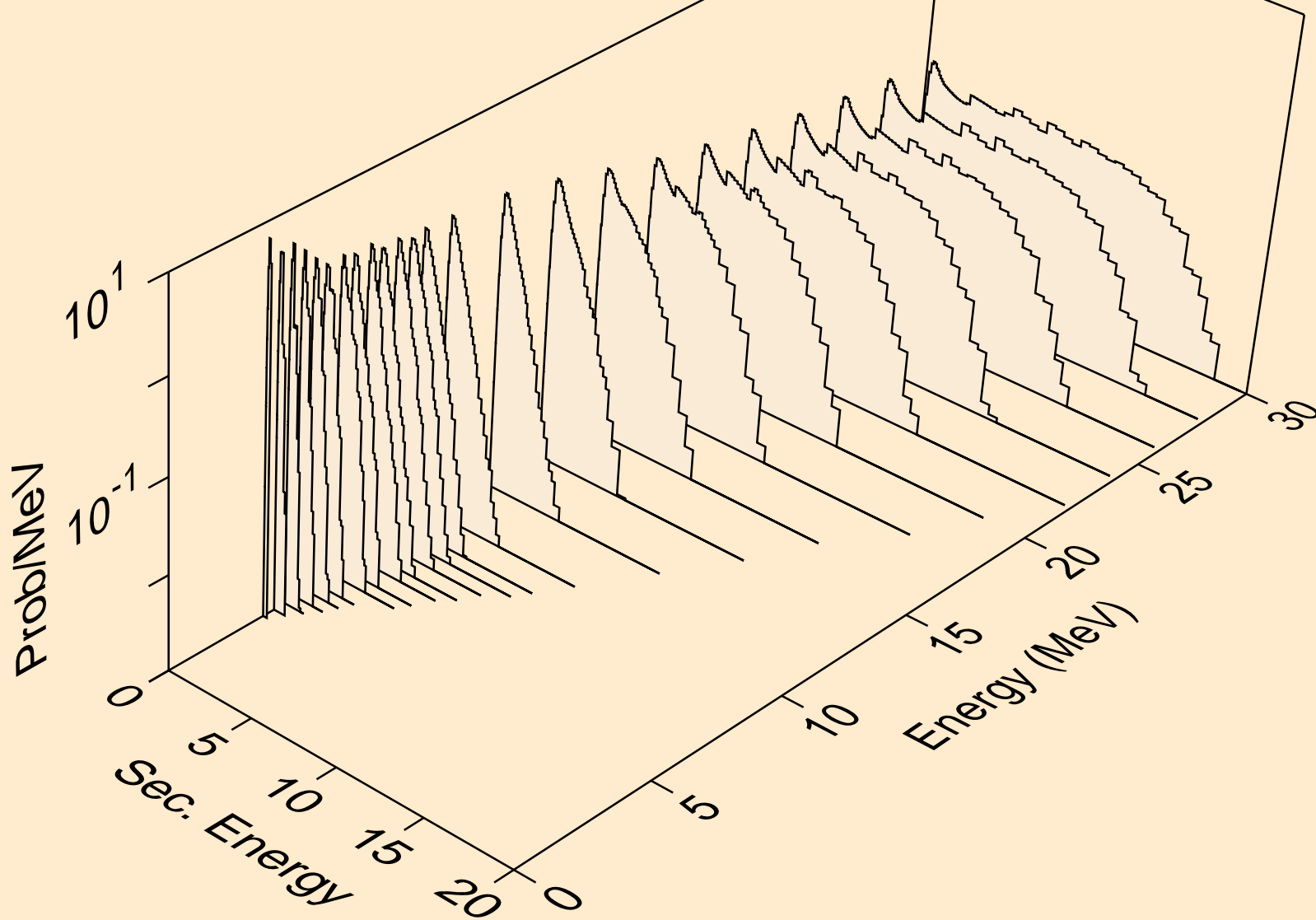
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



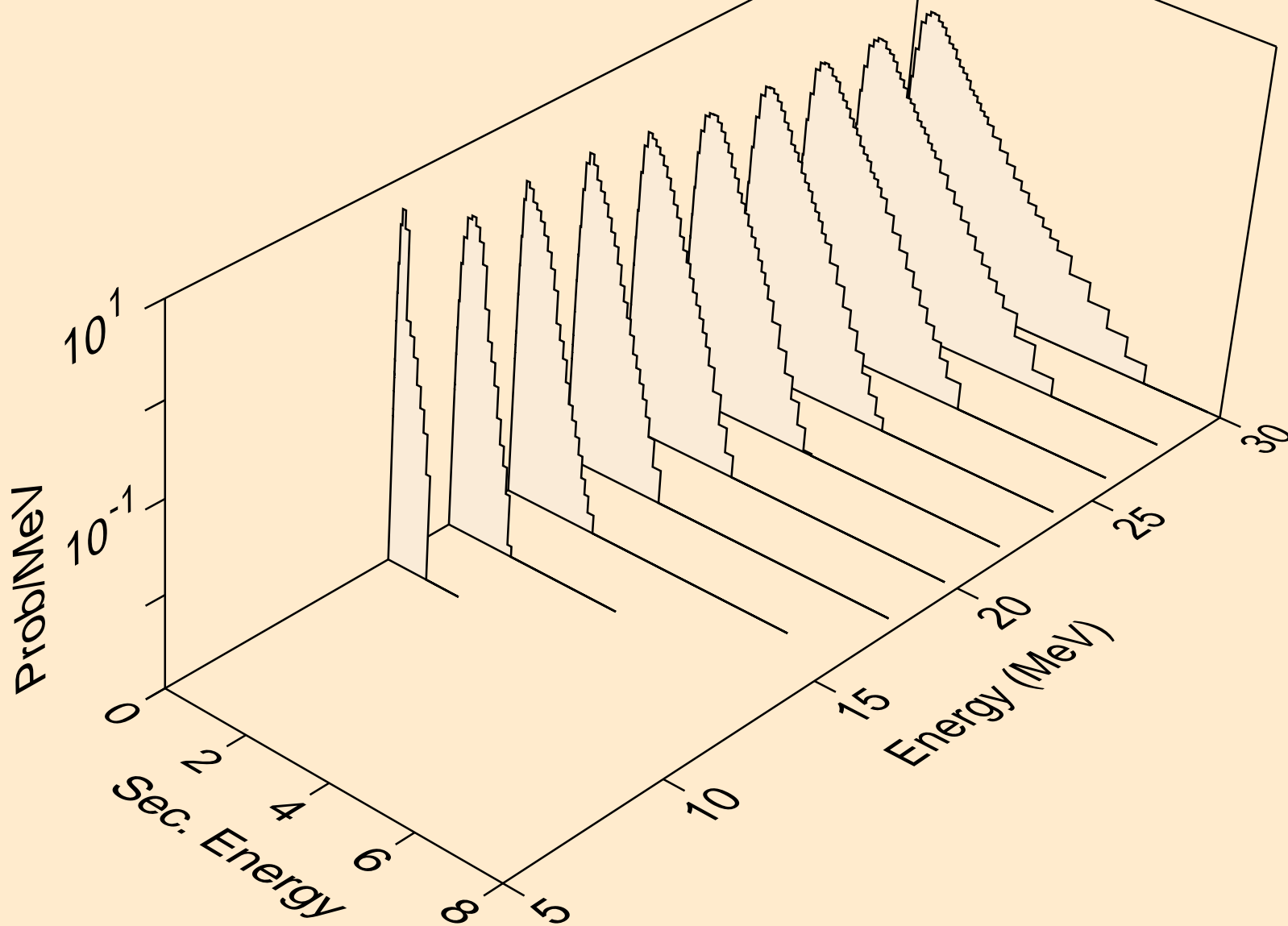
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



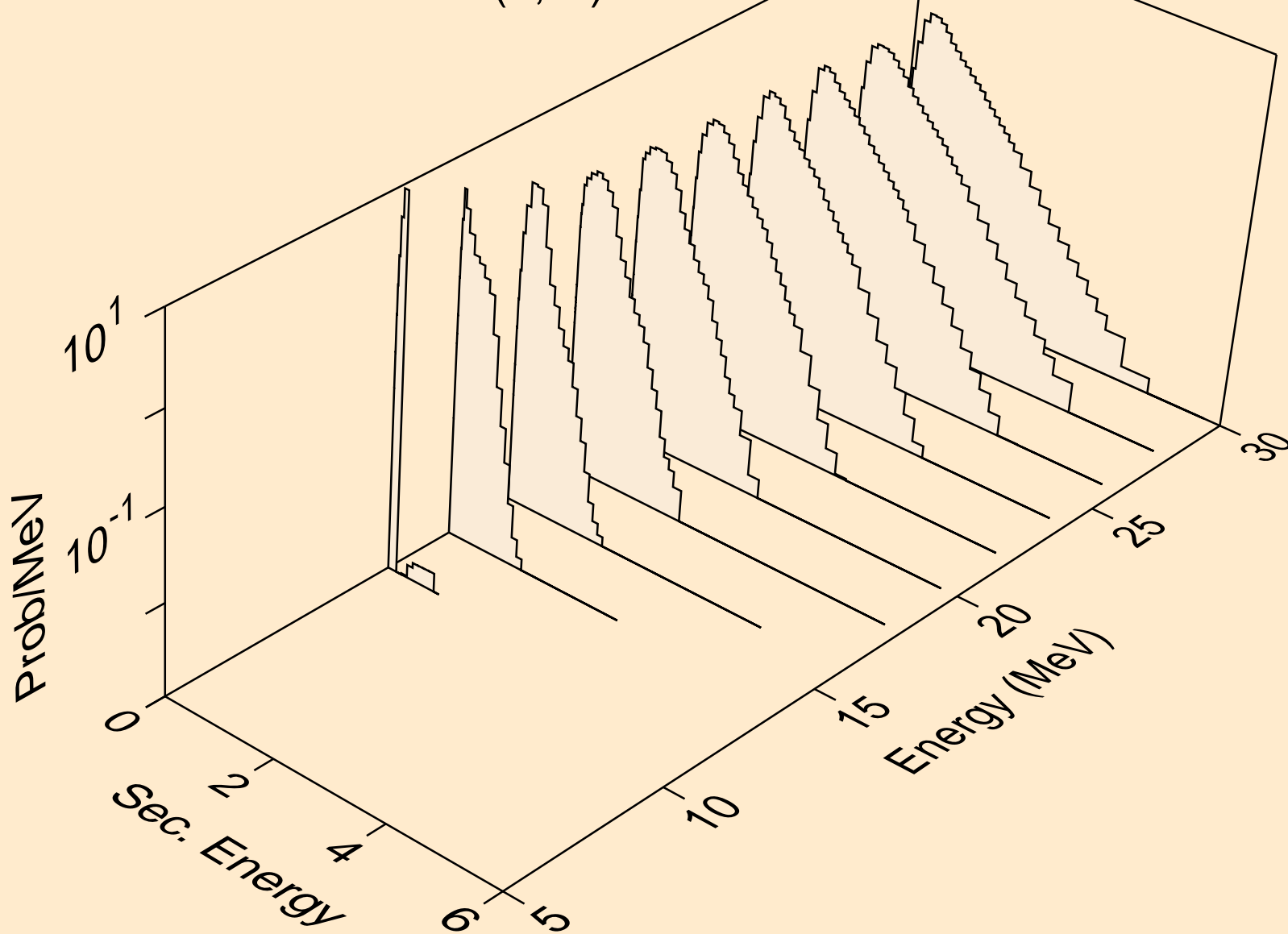
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



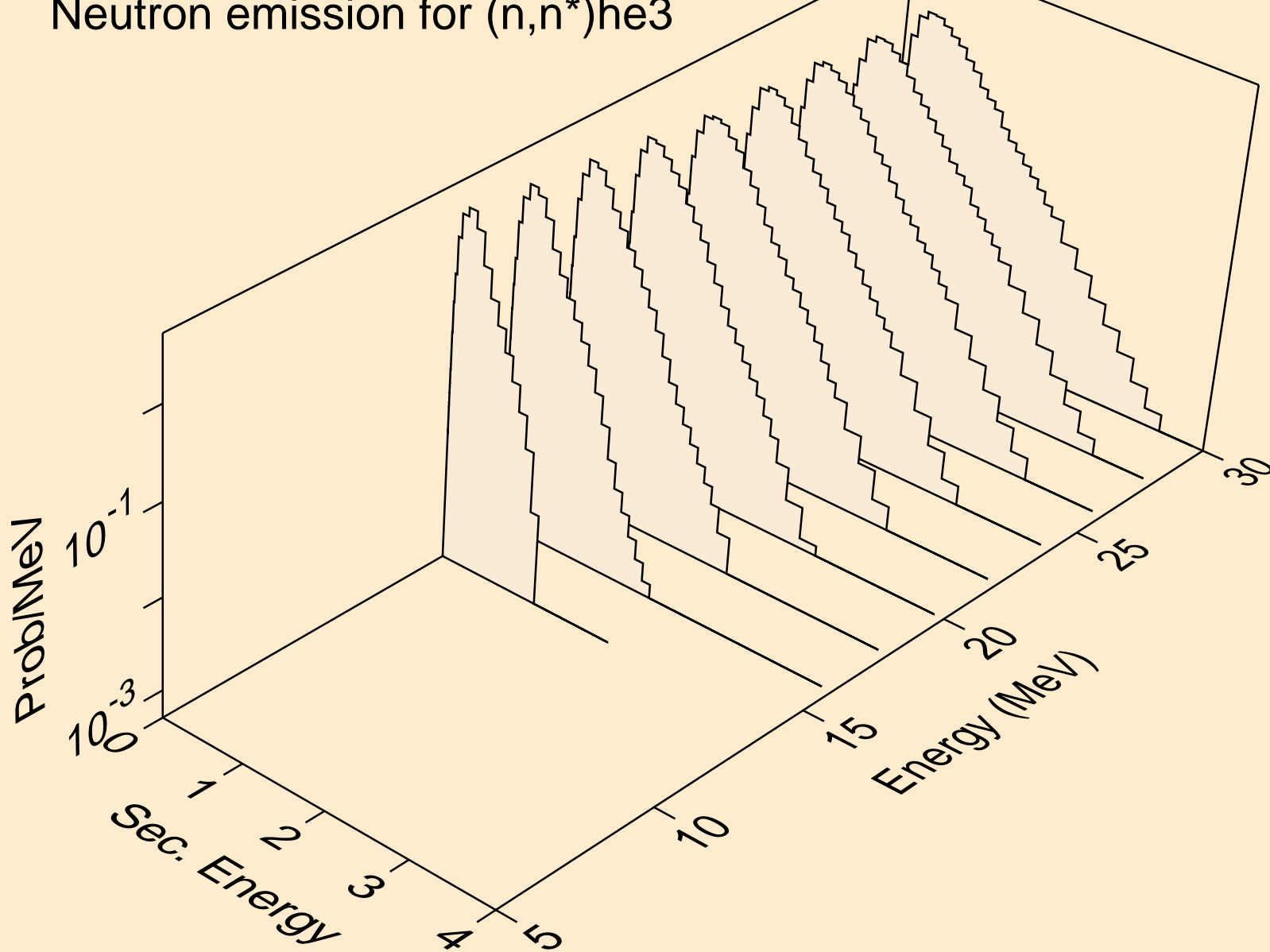
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



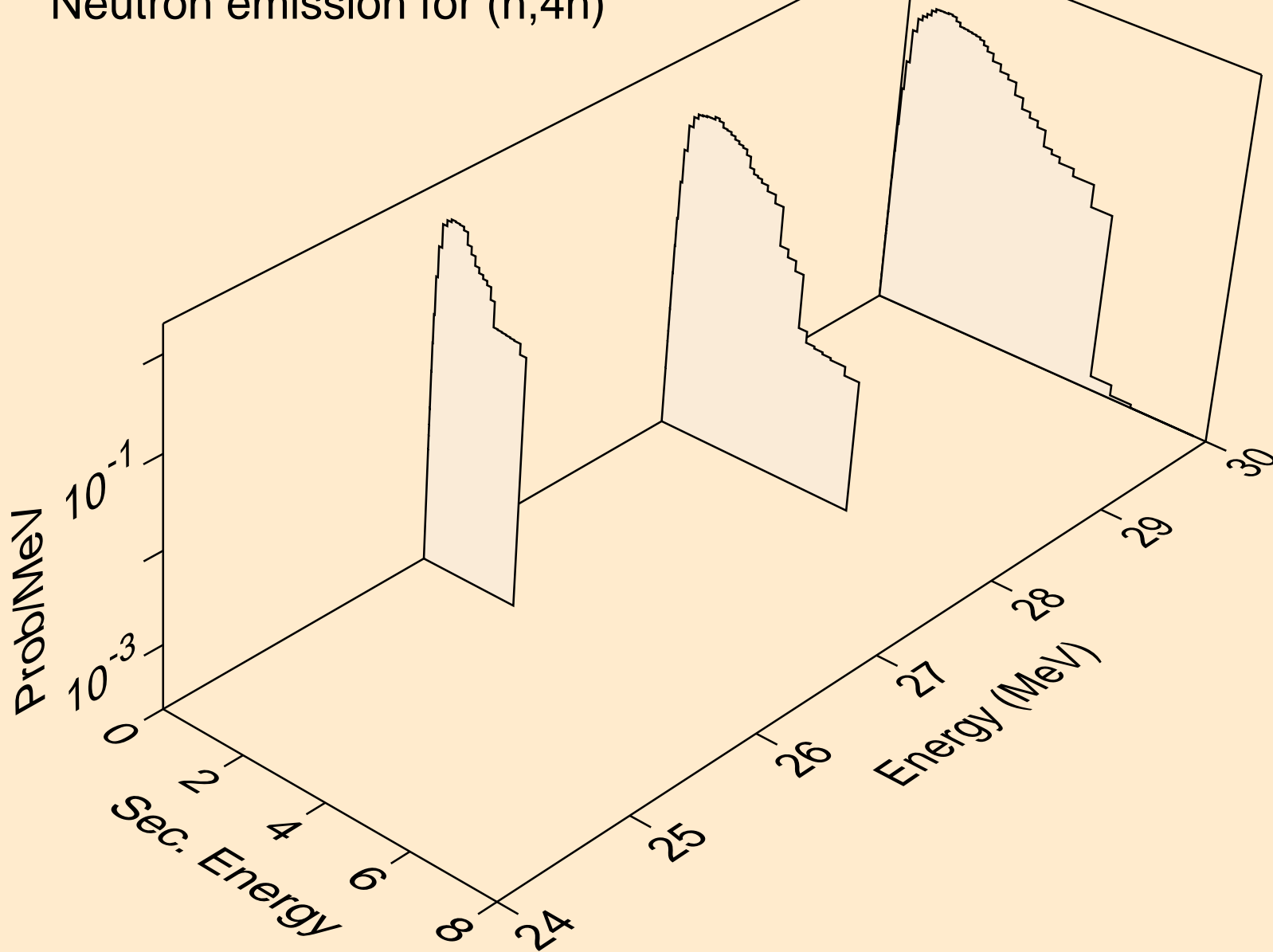
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



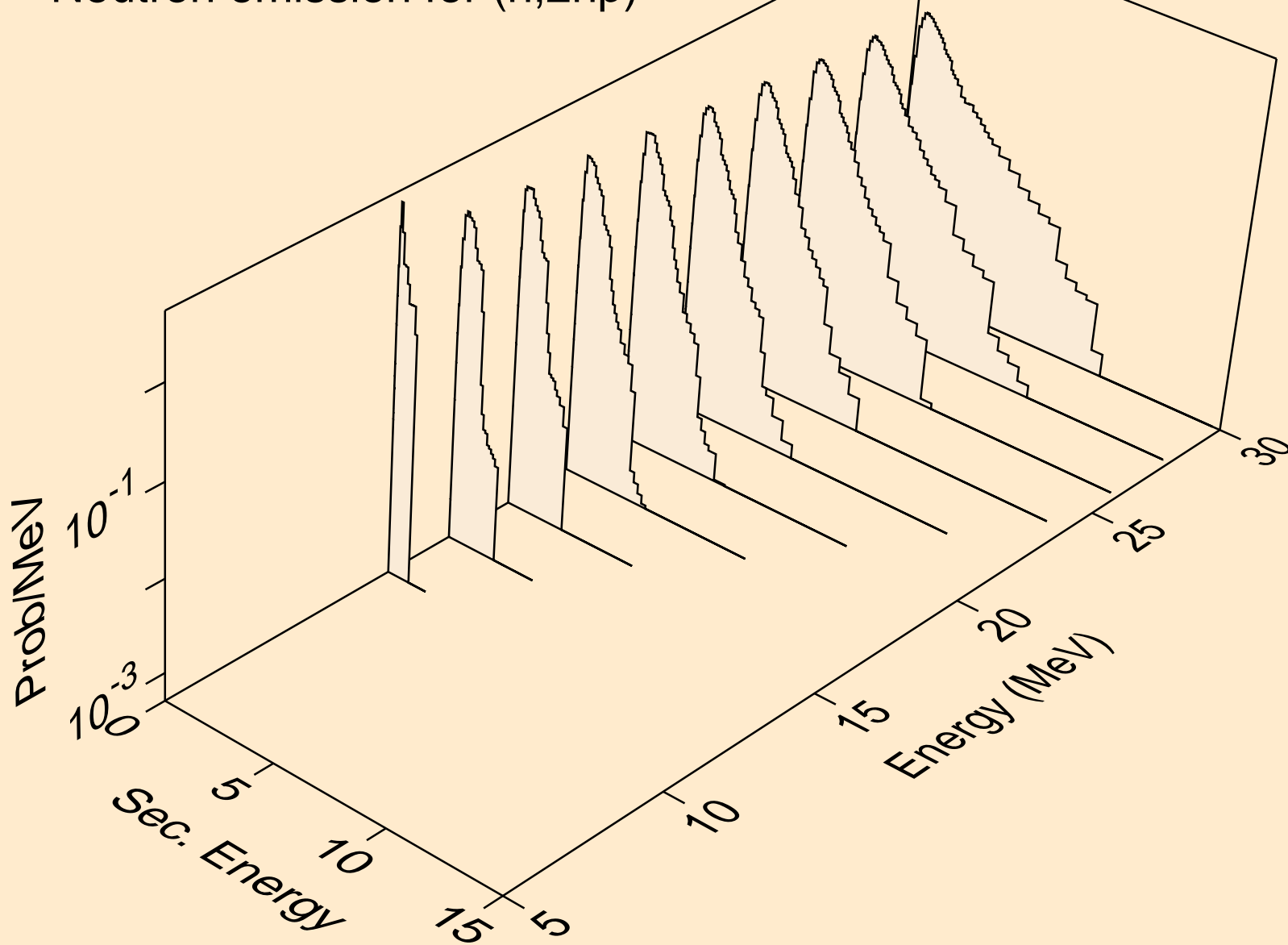
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



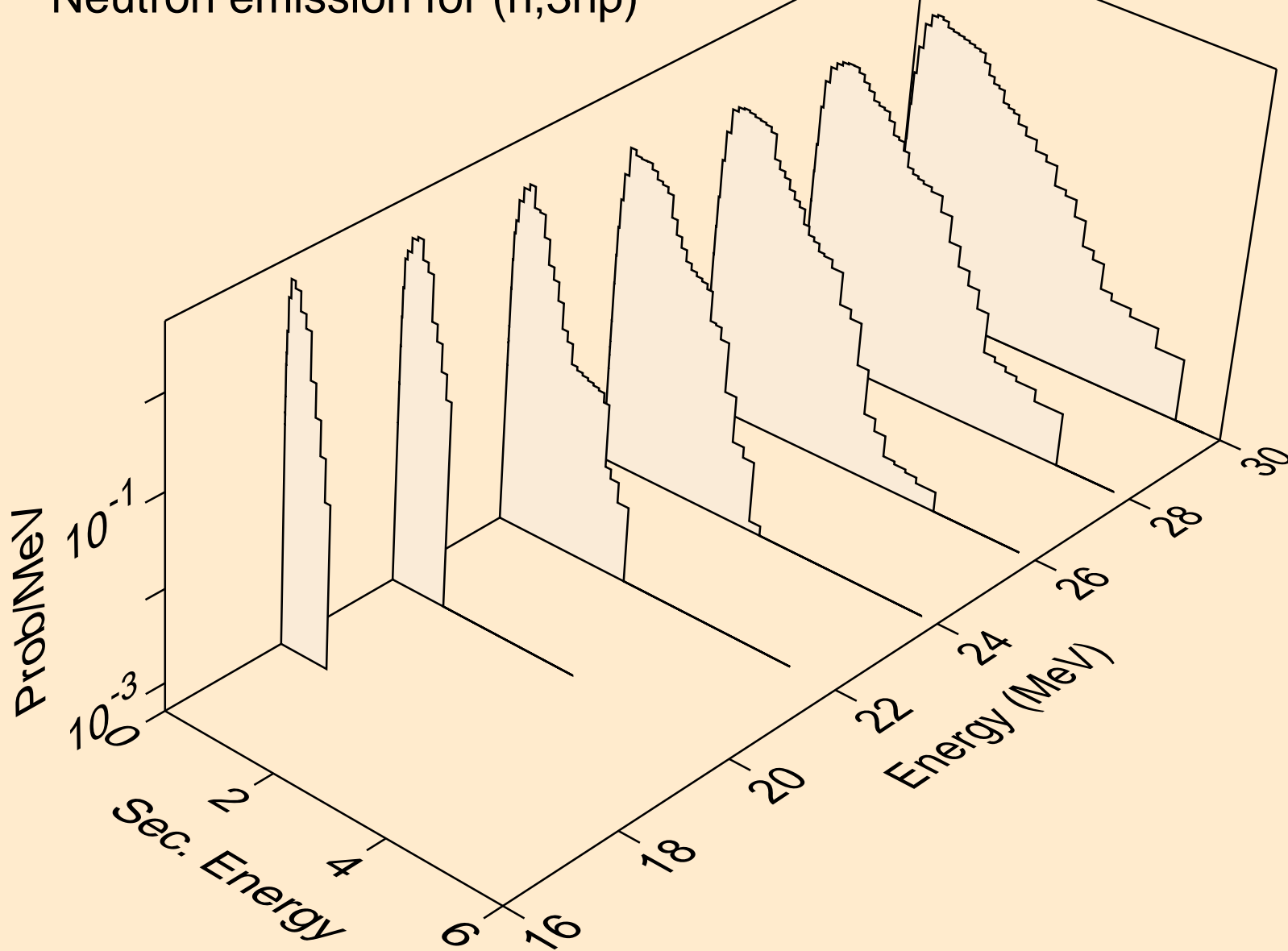
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



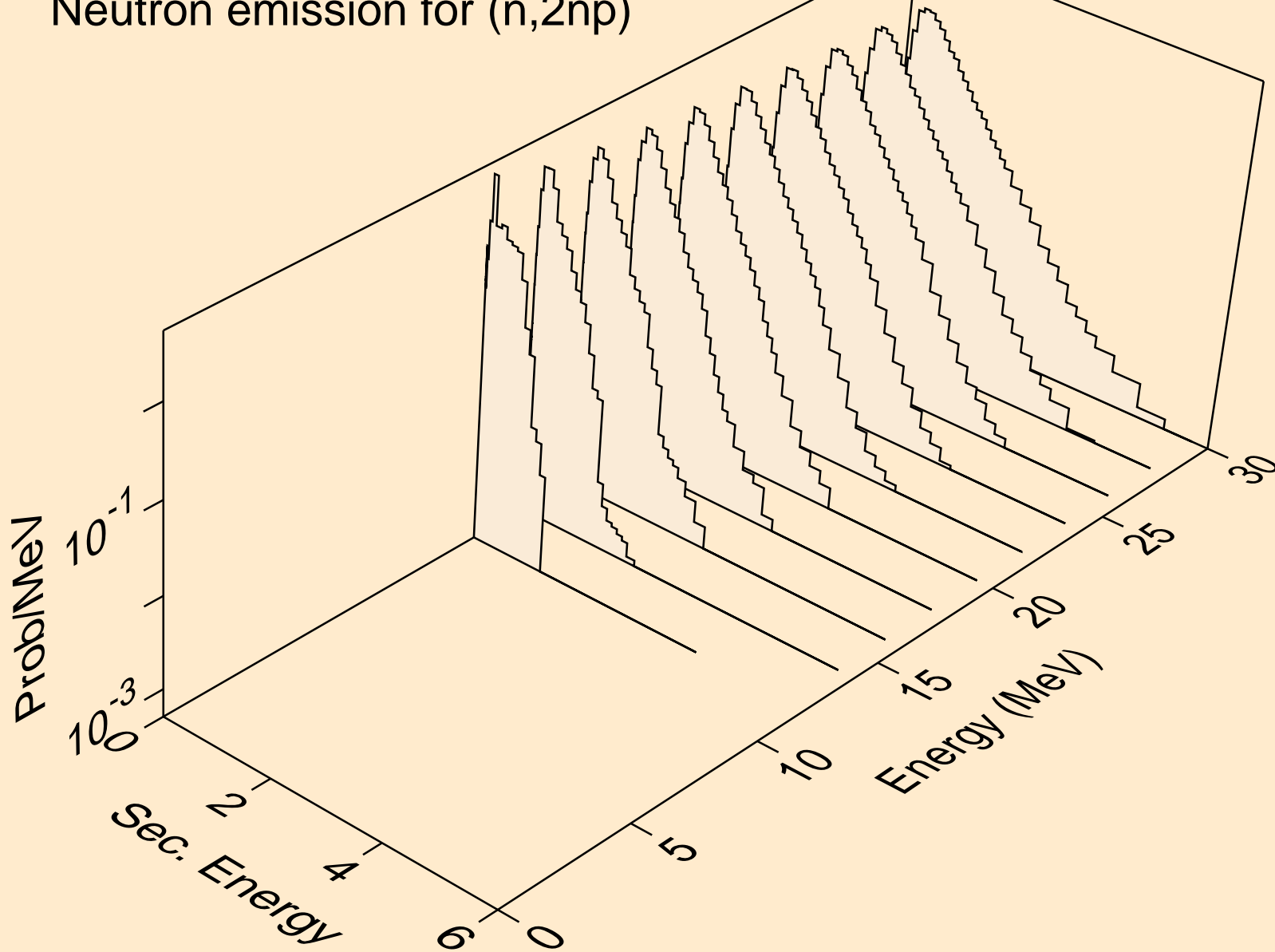
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



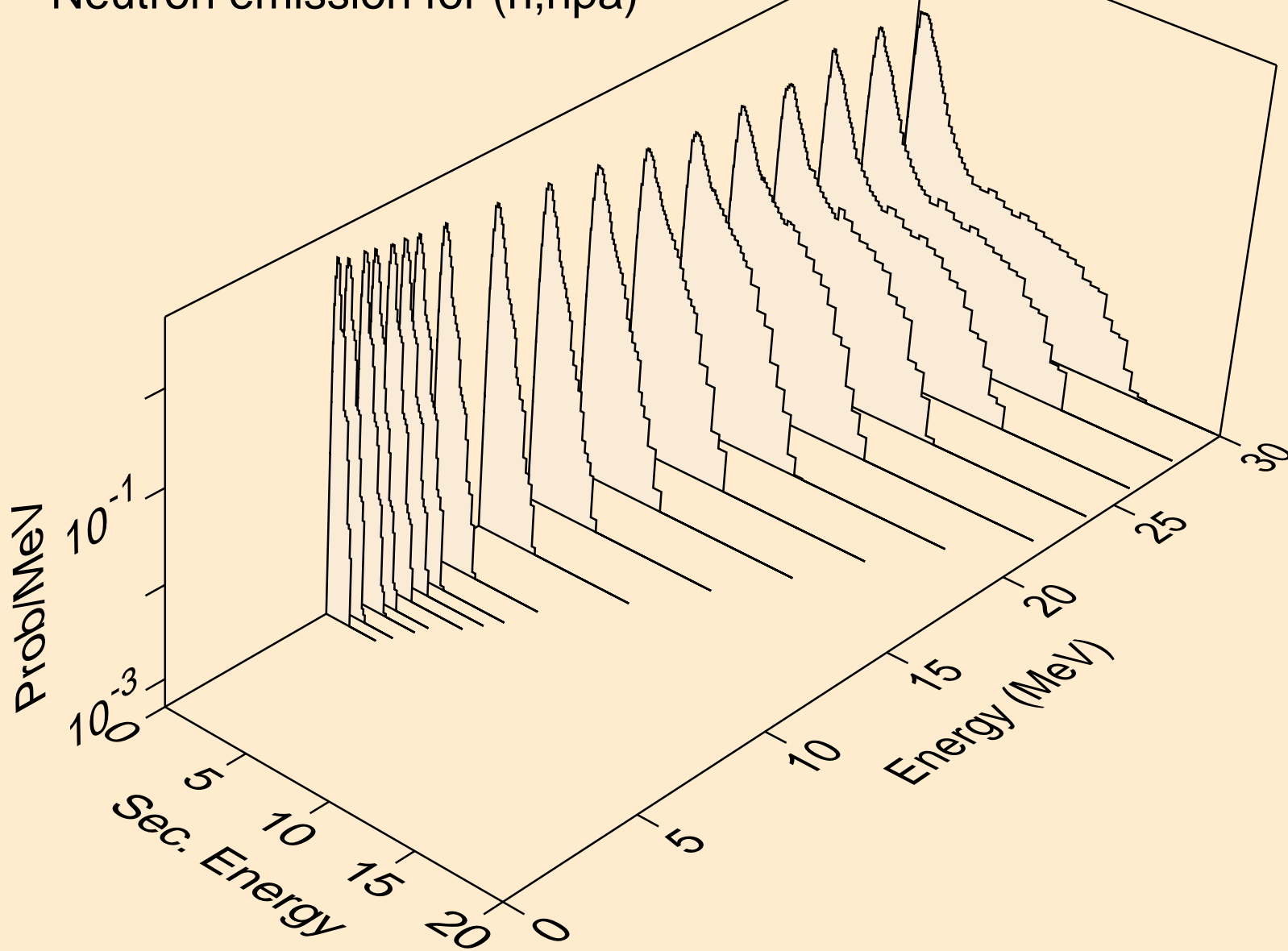
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



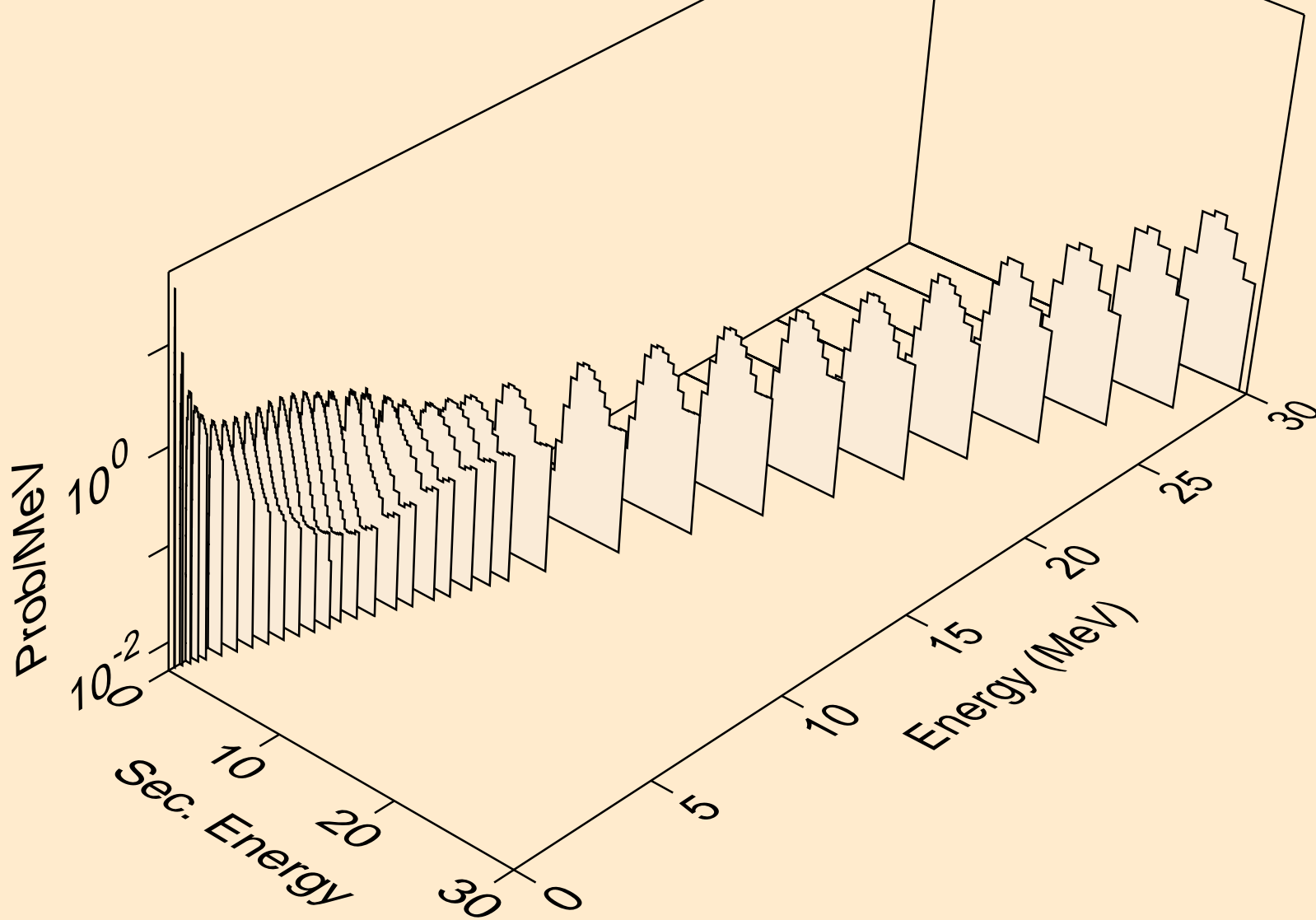
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Neutron emission for (n,2np)



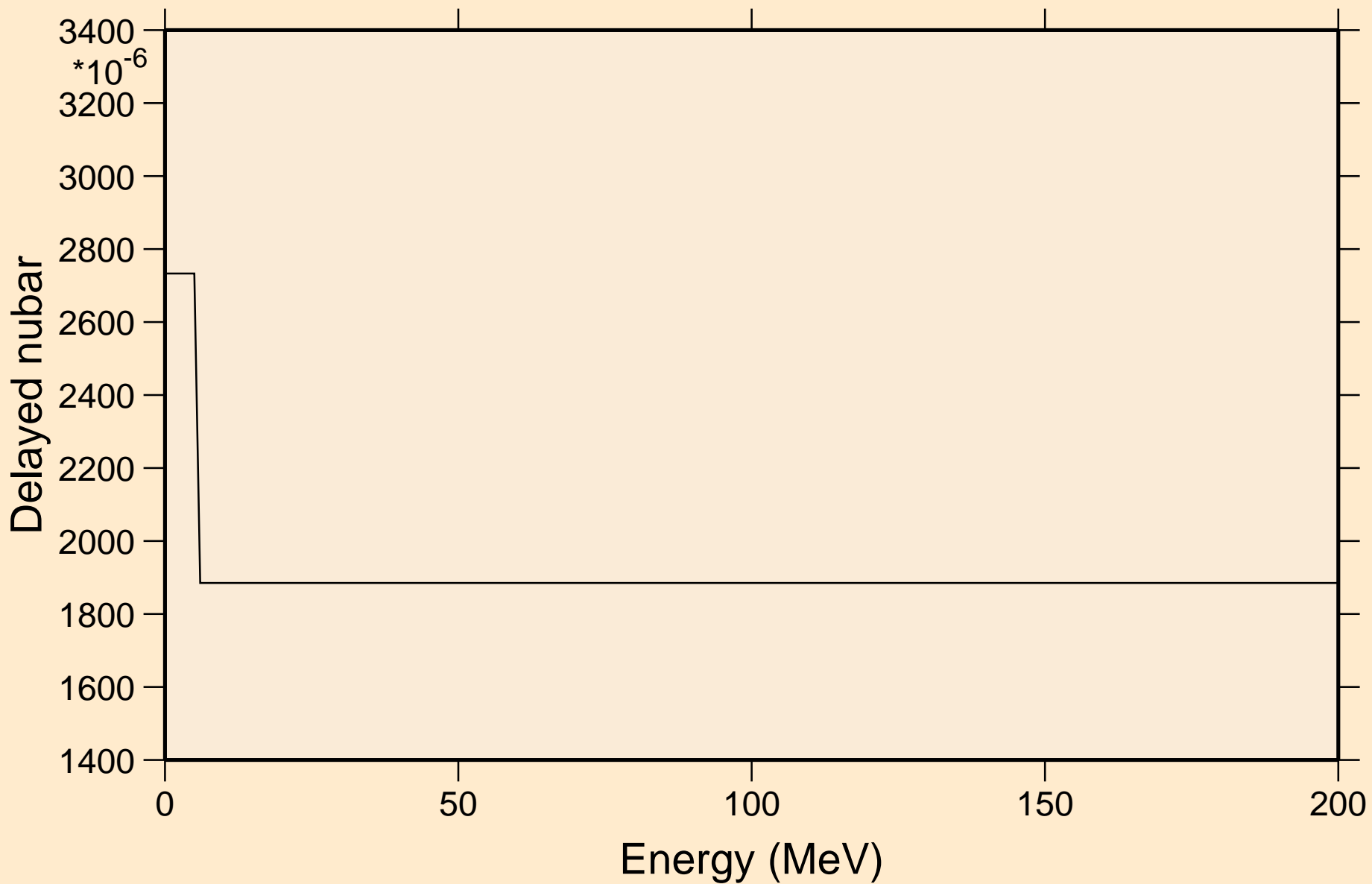
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

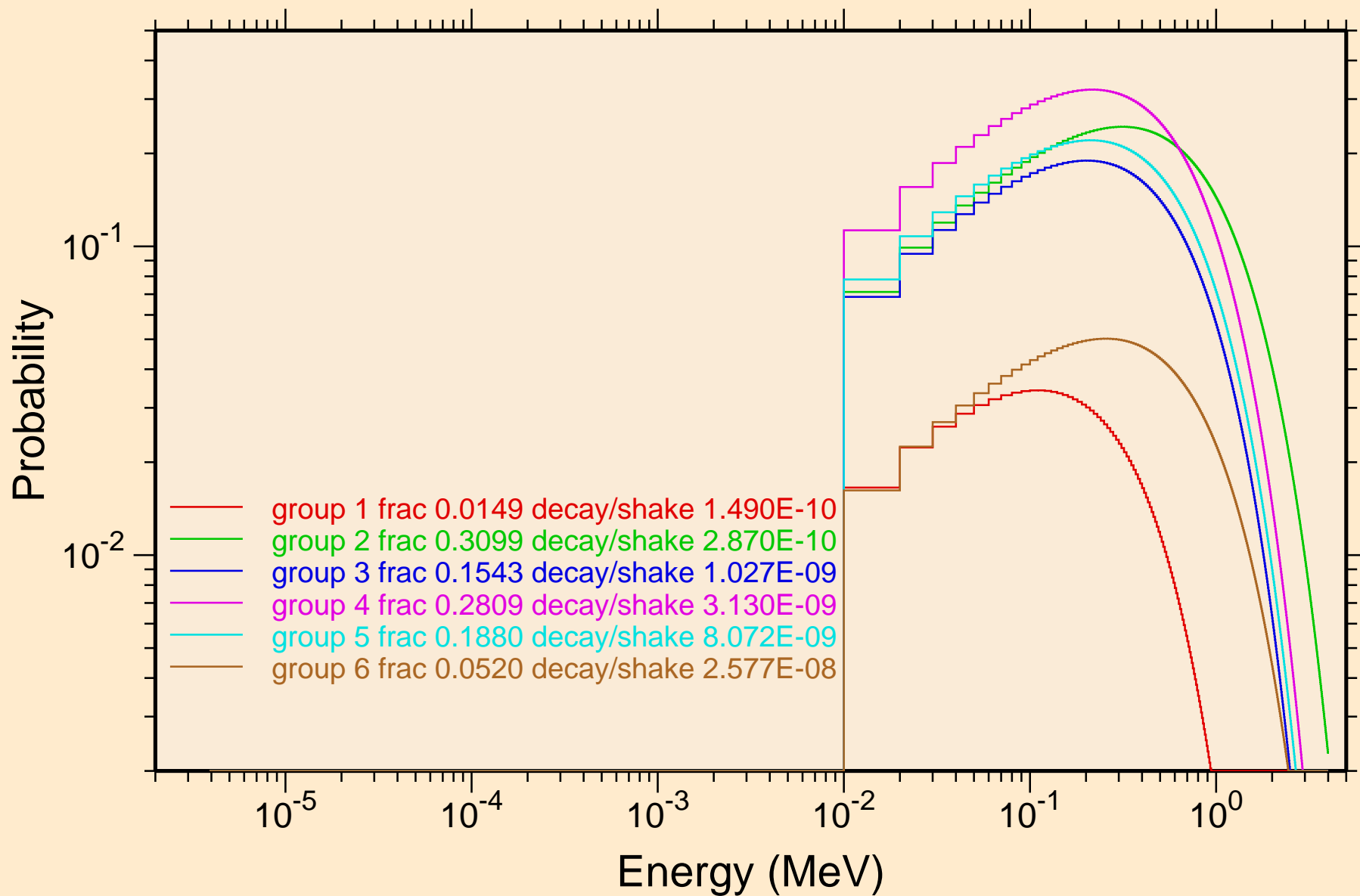


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

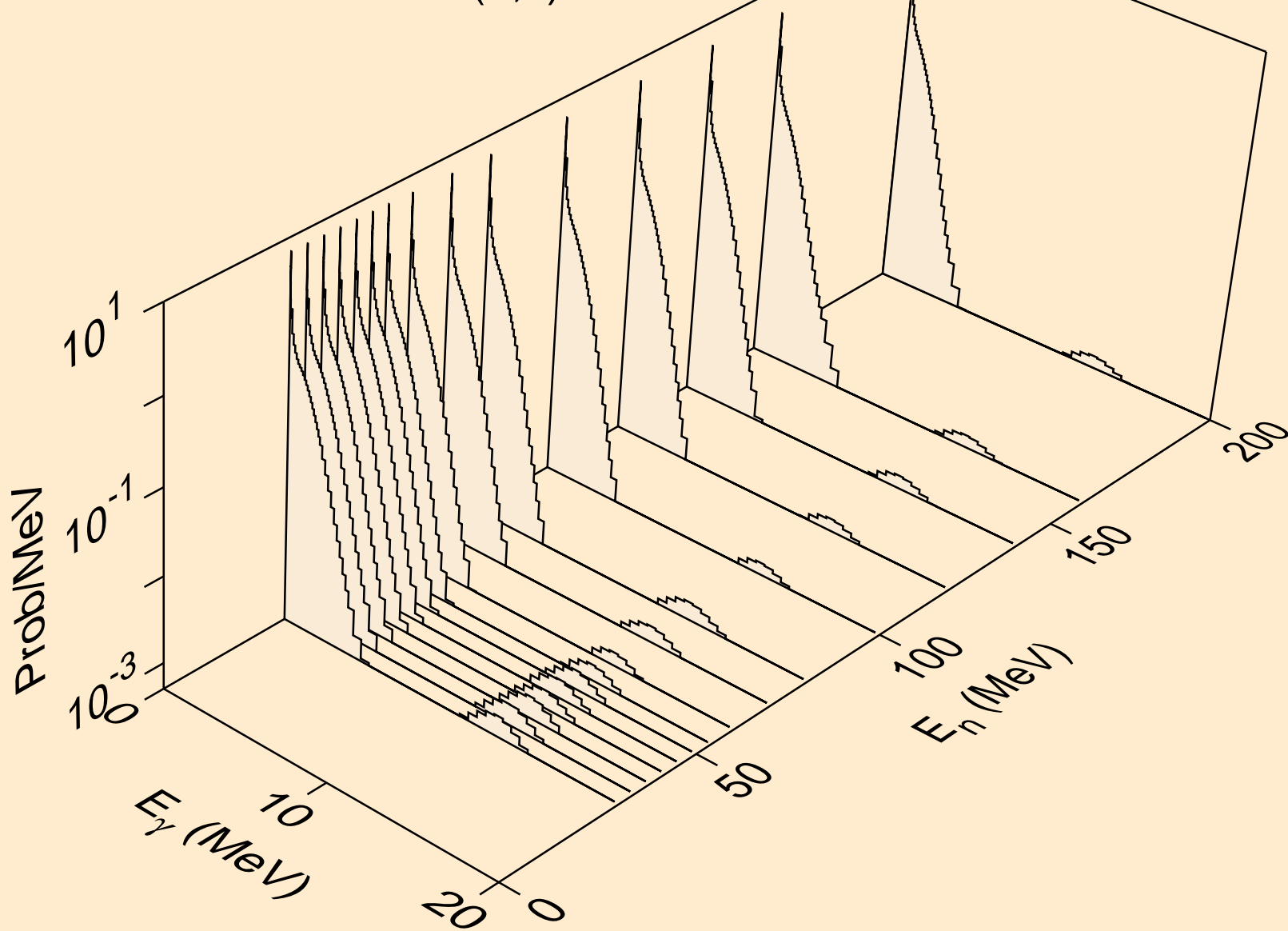


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

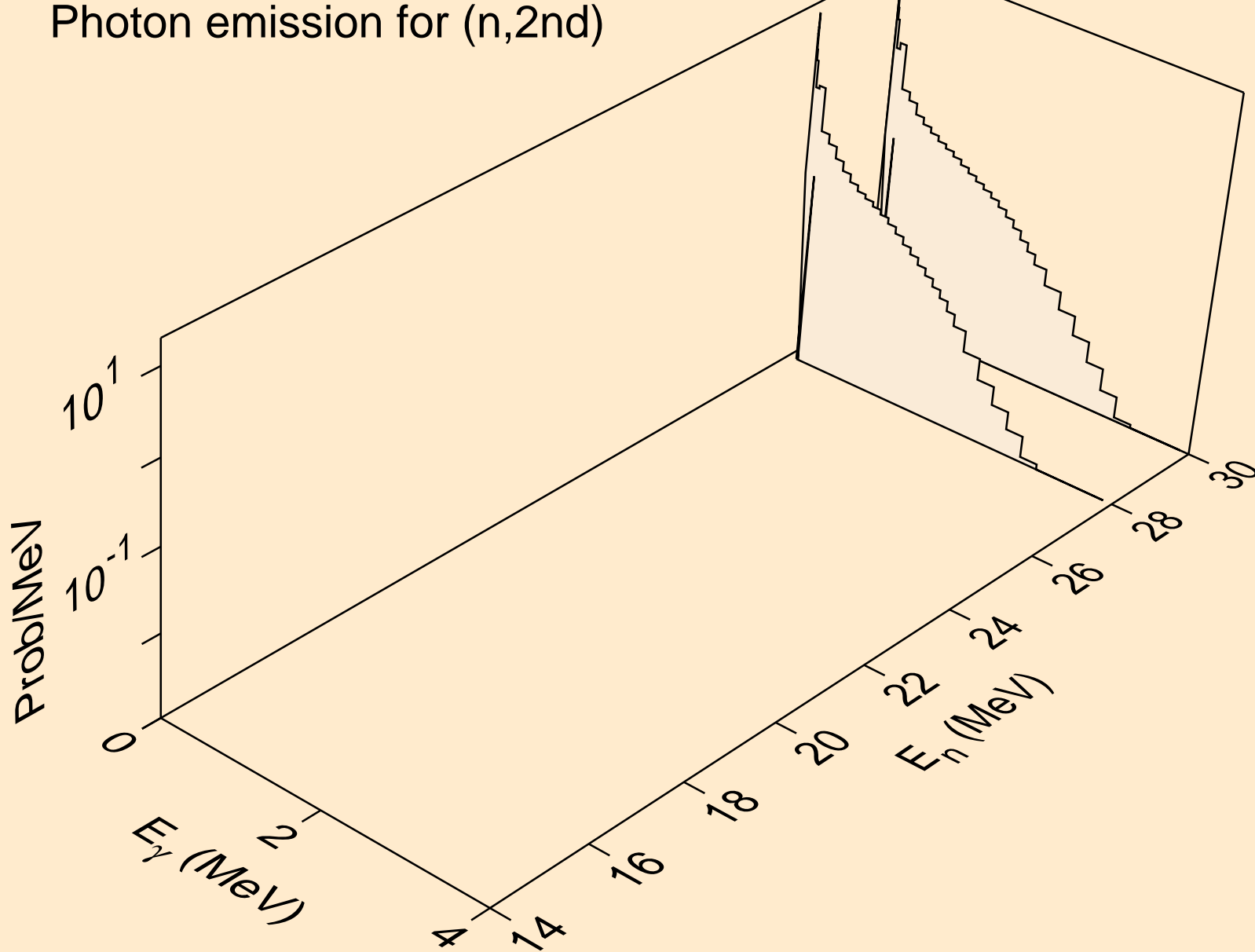
Delayed neutron spectra



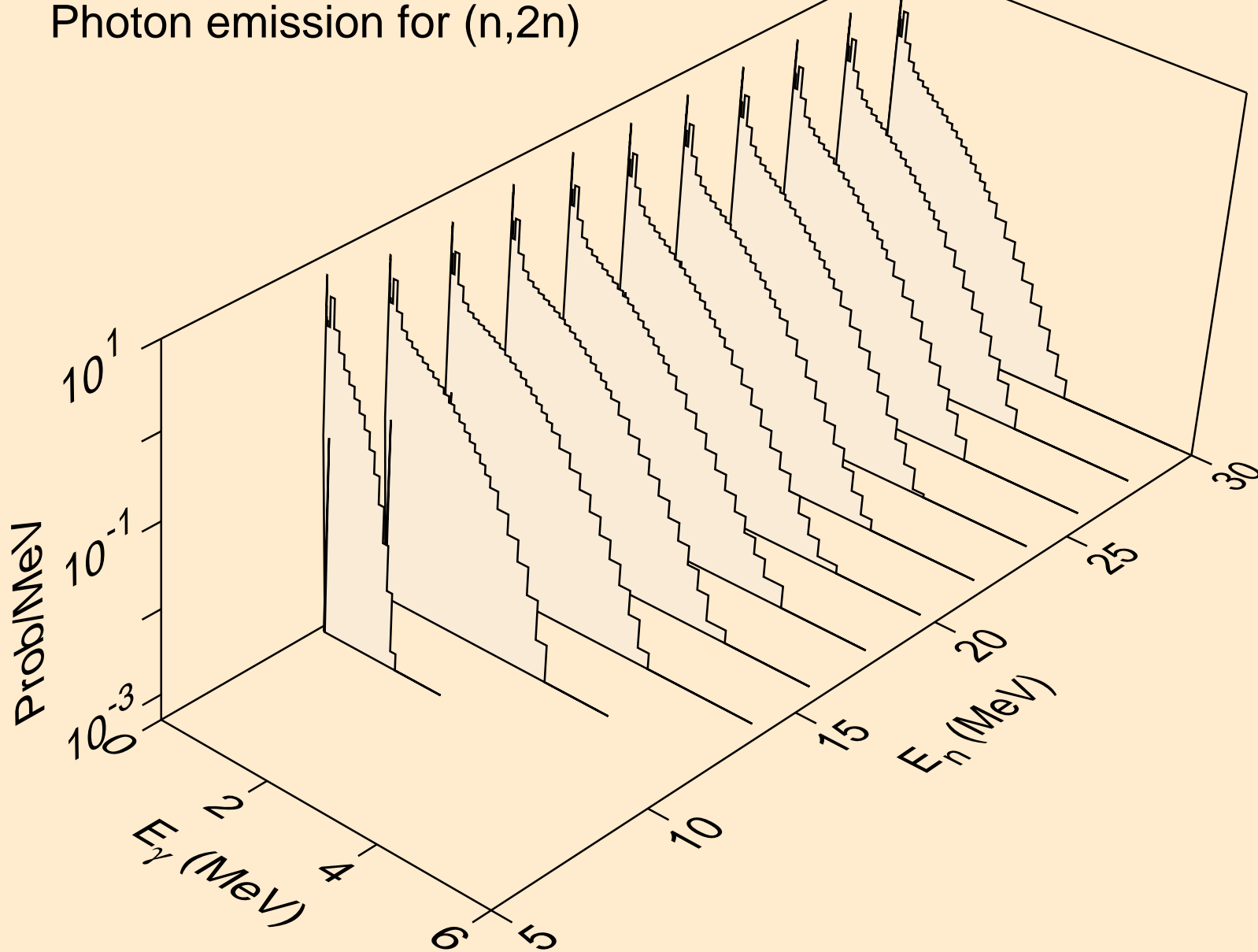
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



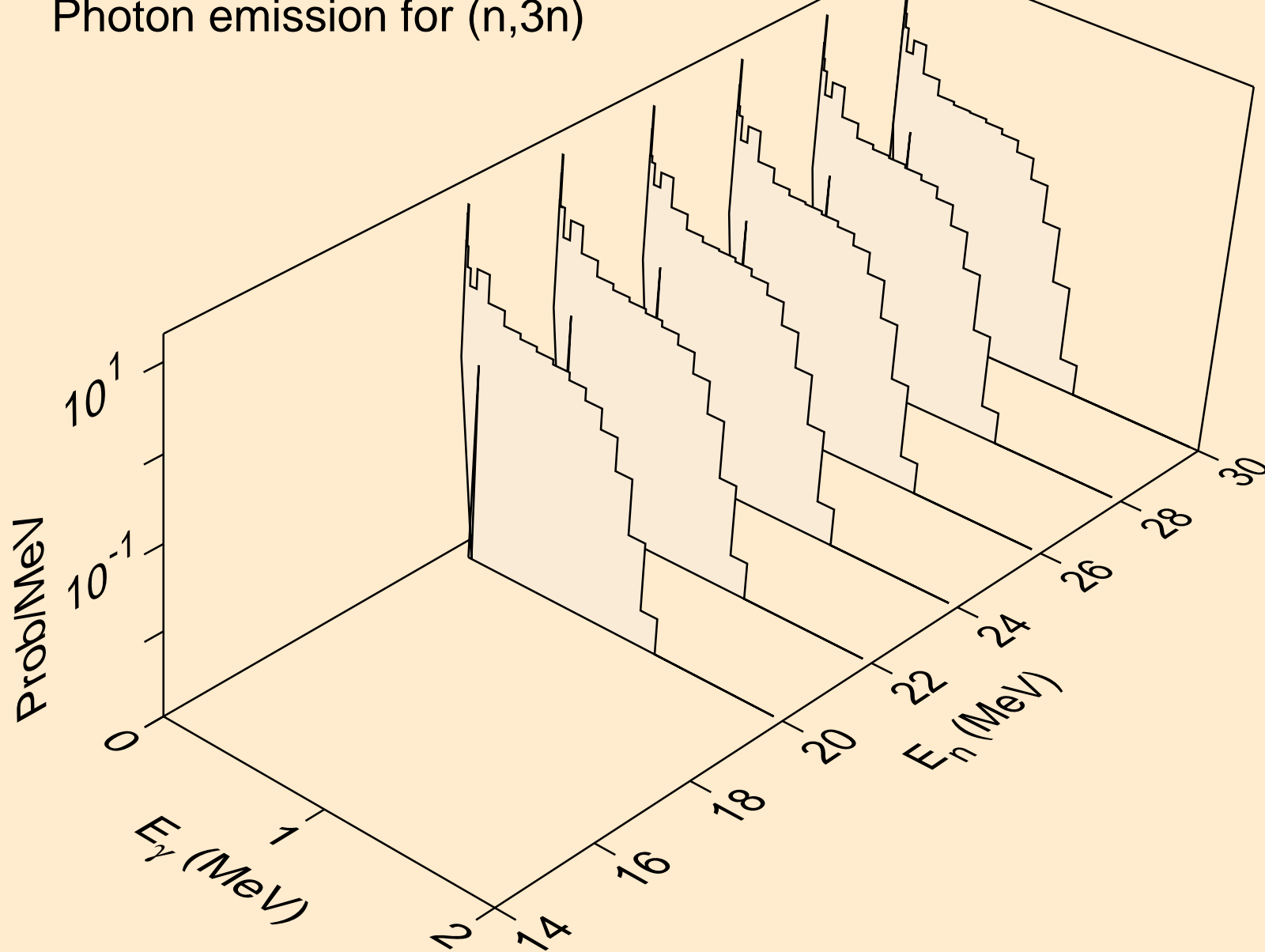
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Photon emission for (n,2nd)



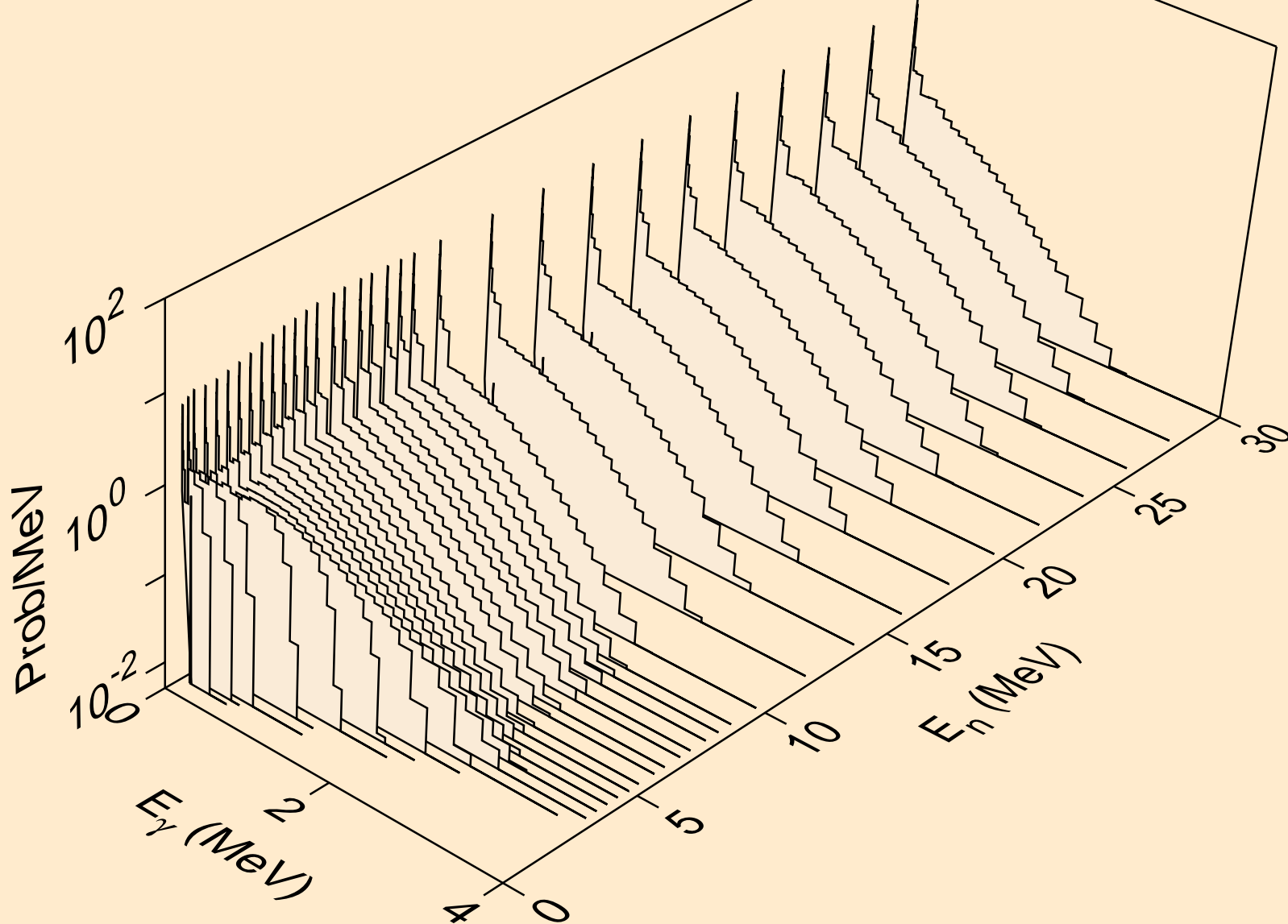
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Photon emission for (n,2n)



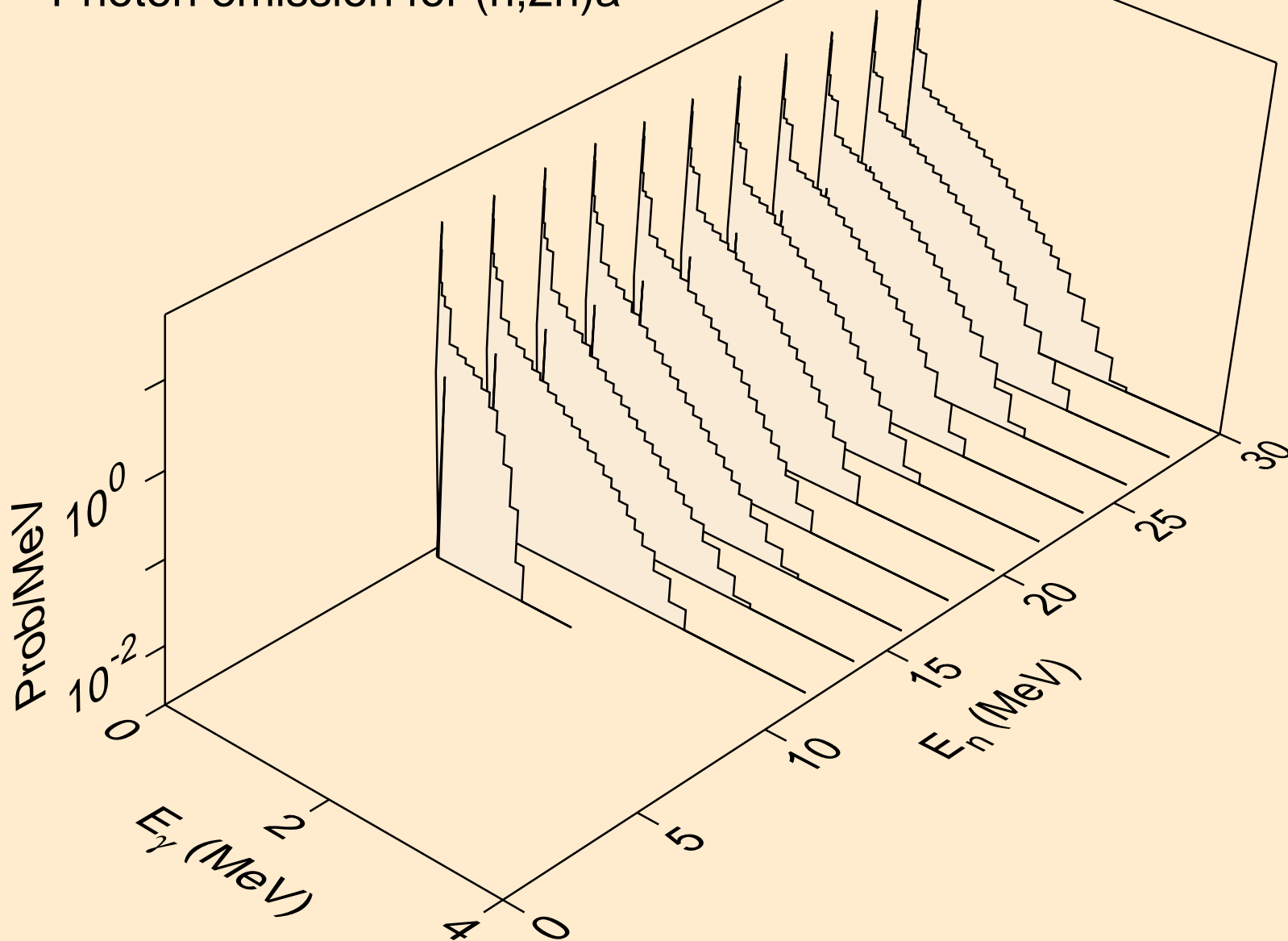
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Photon emission for (n,3n)



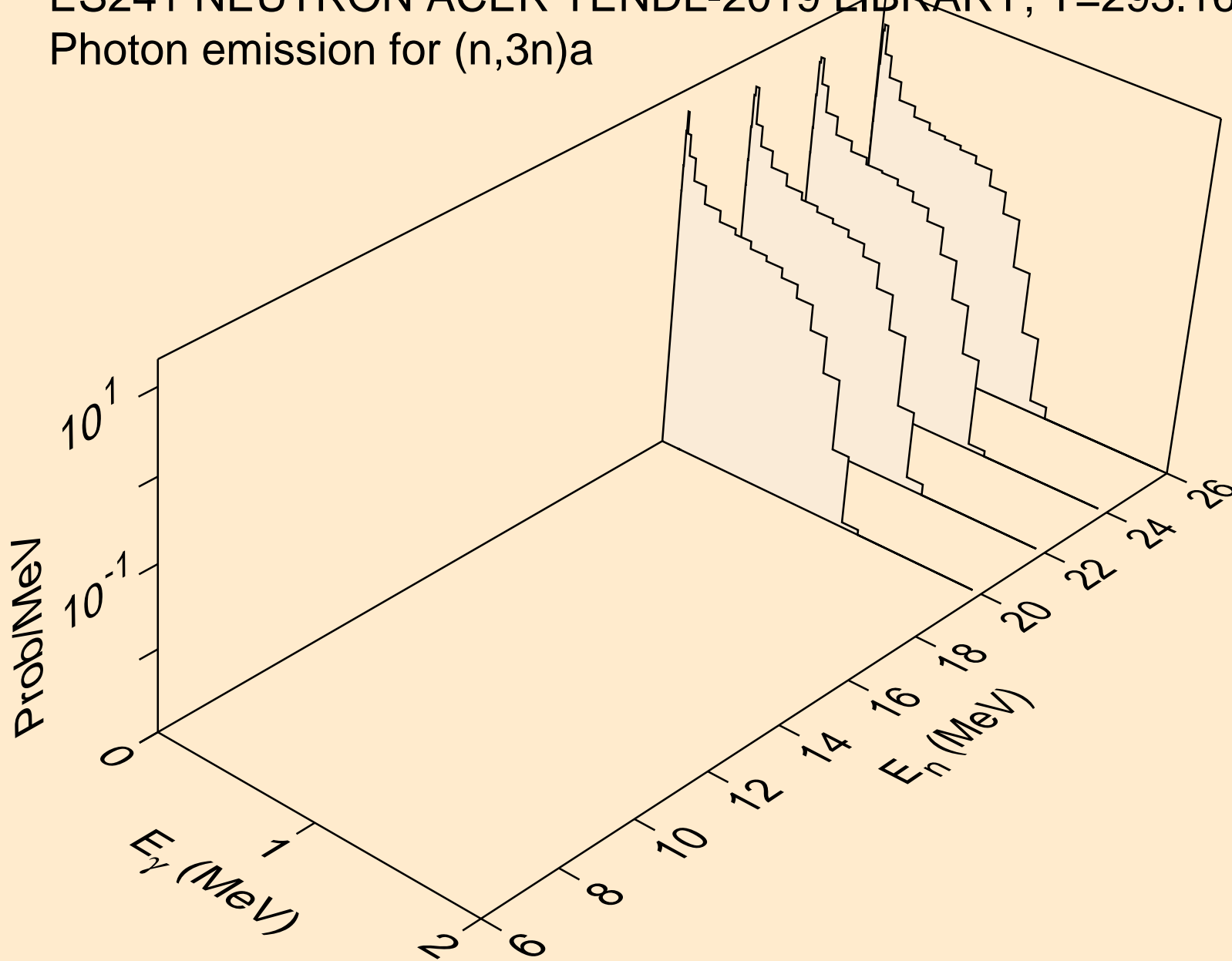
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Photon emission for (n,n*)a



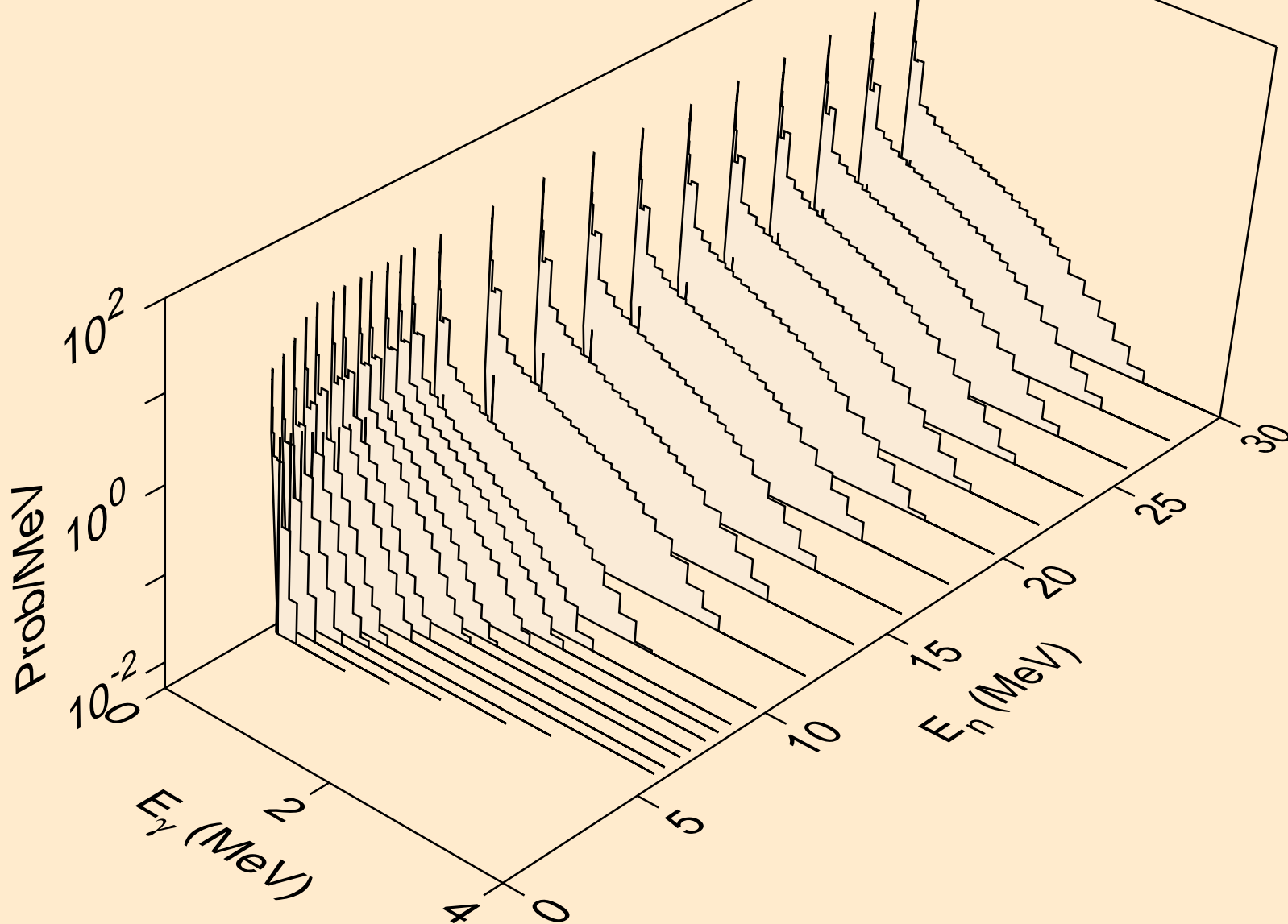
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



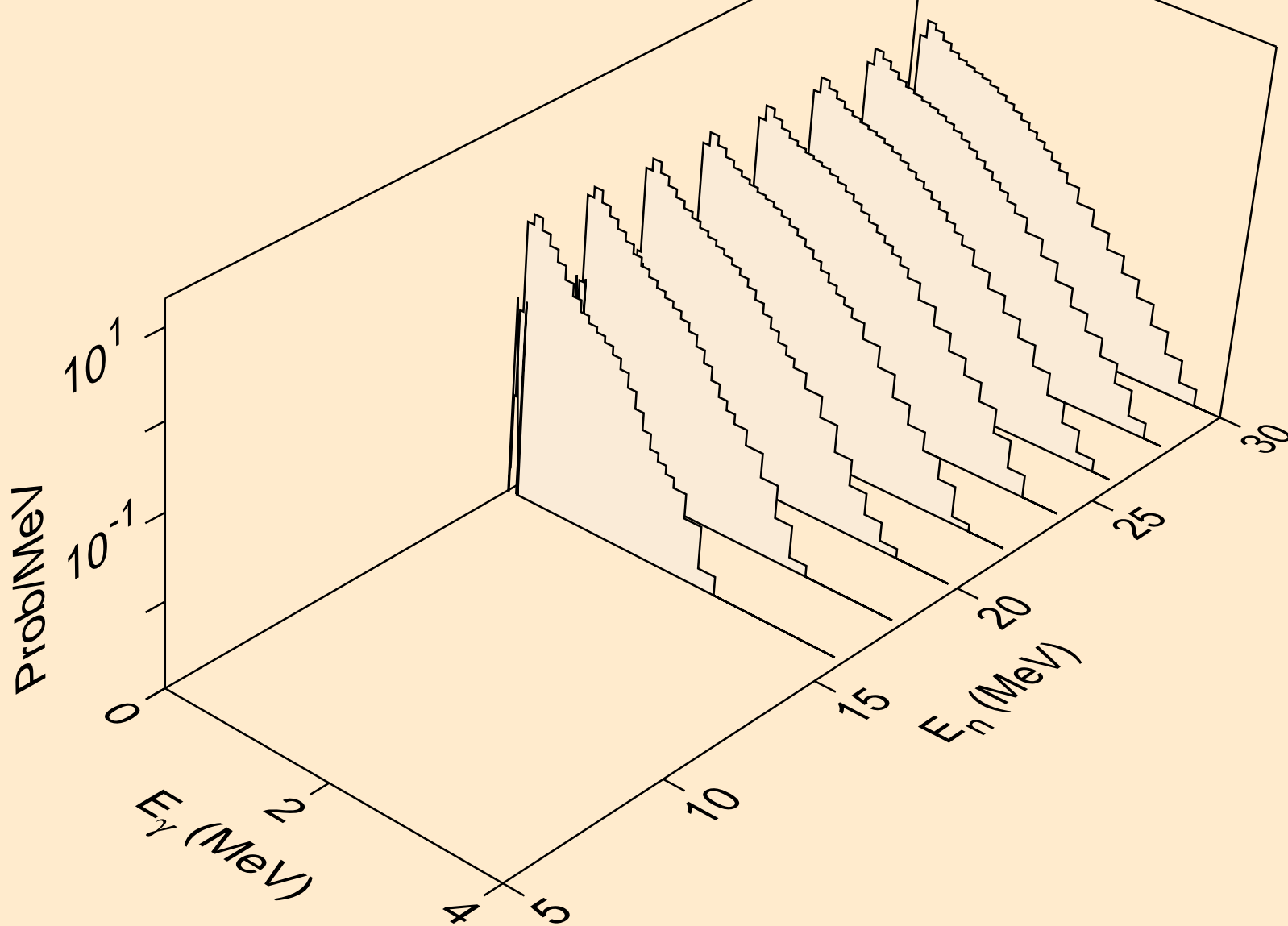
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



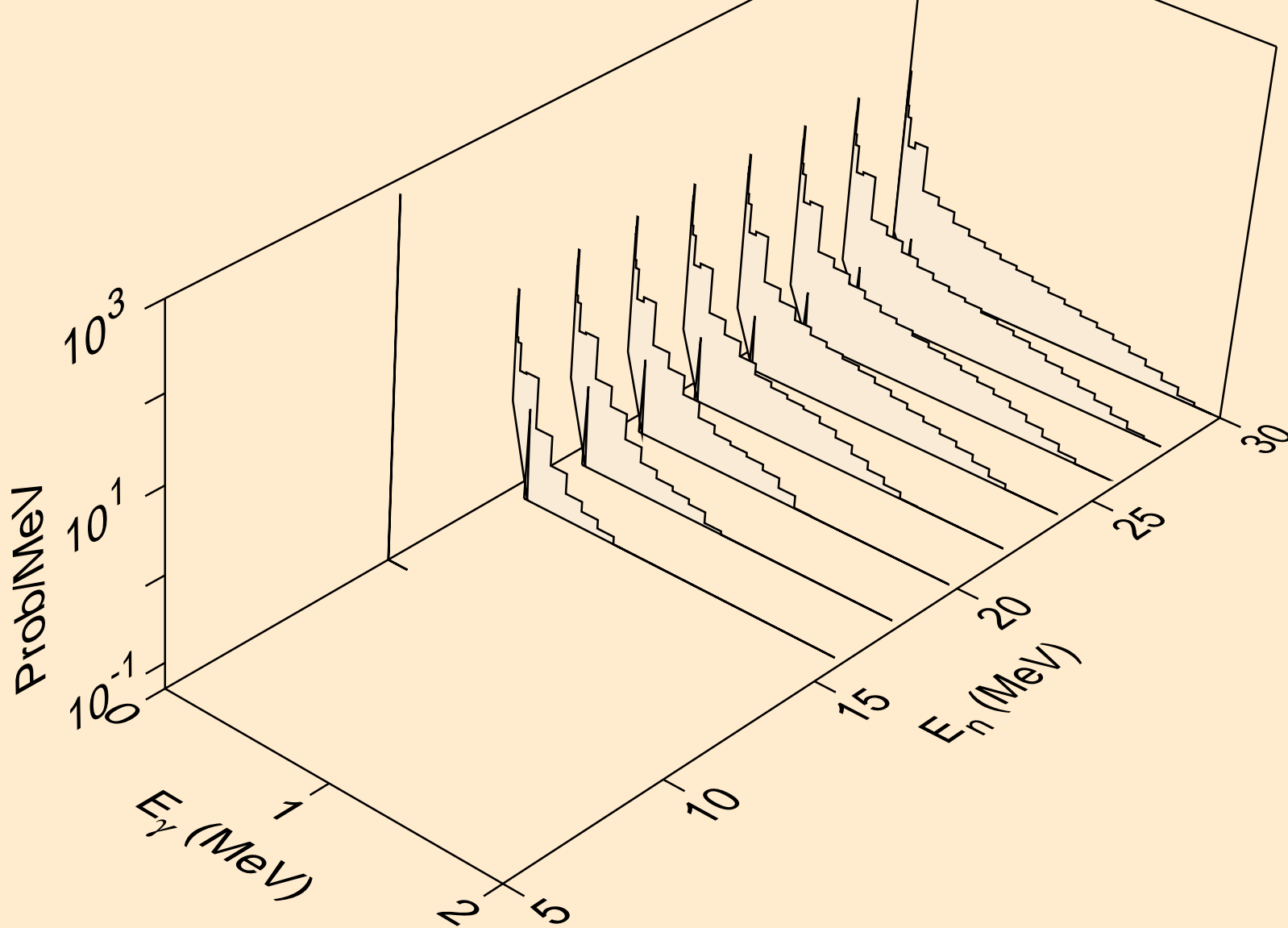
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



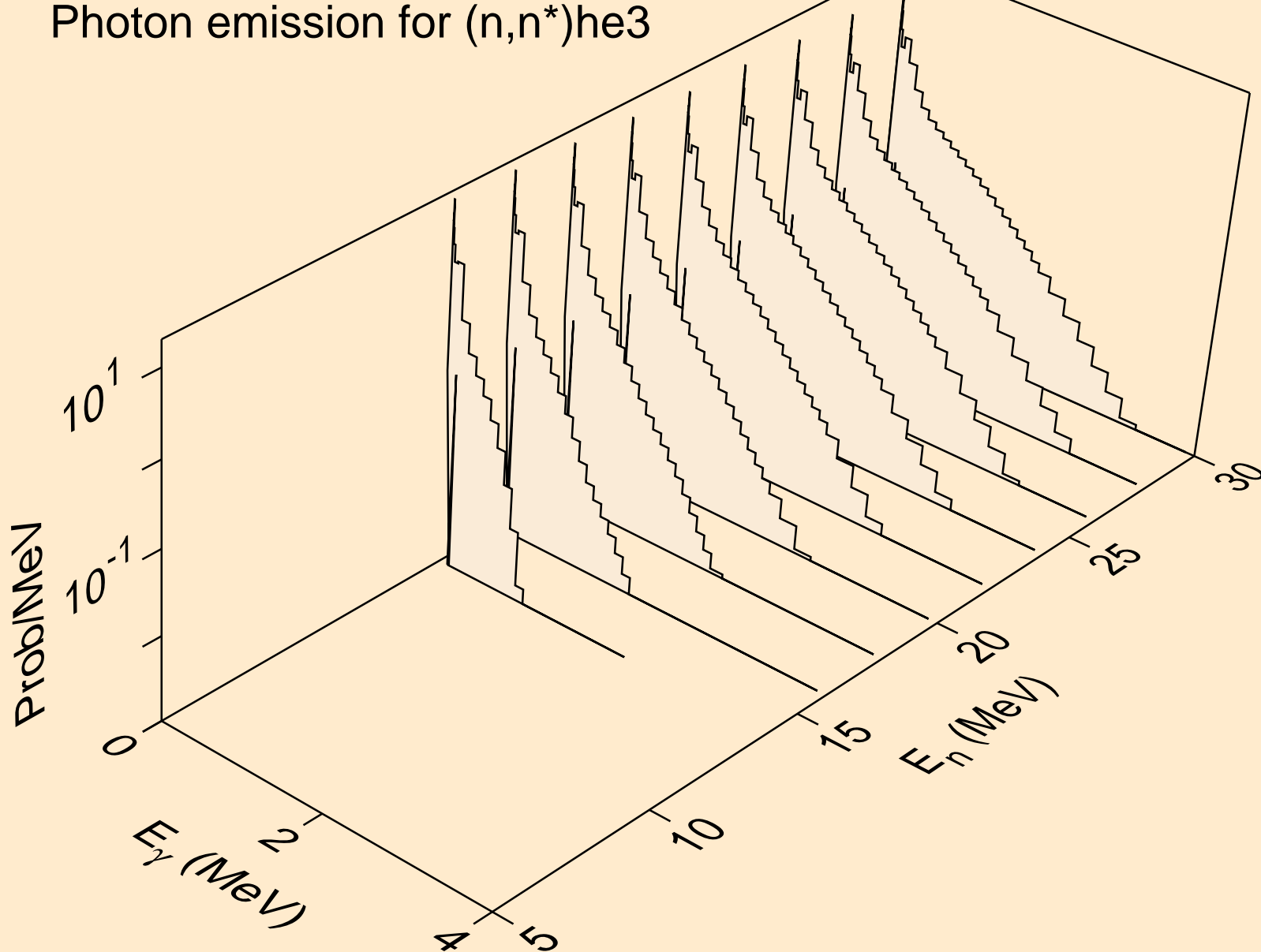
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



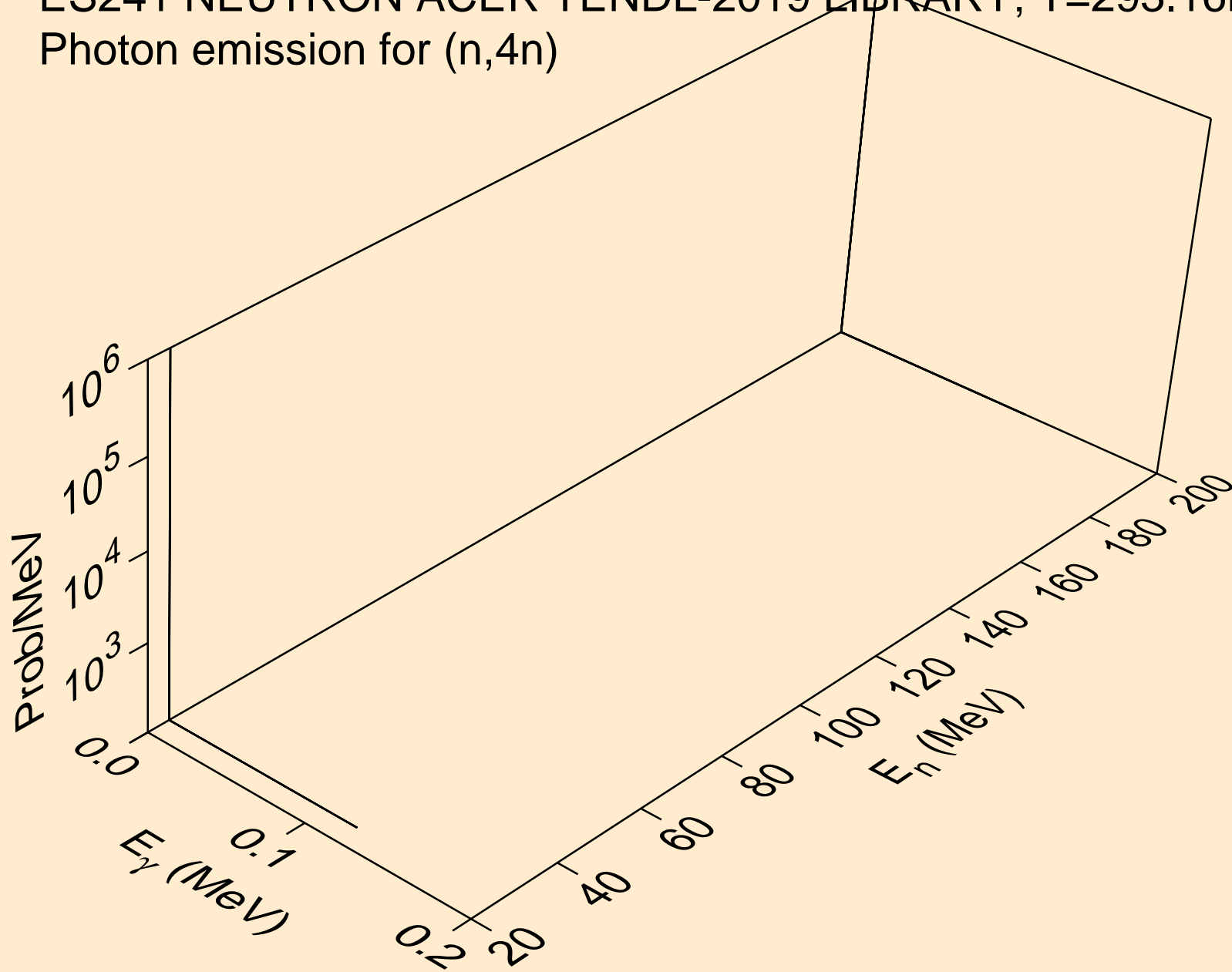
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



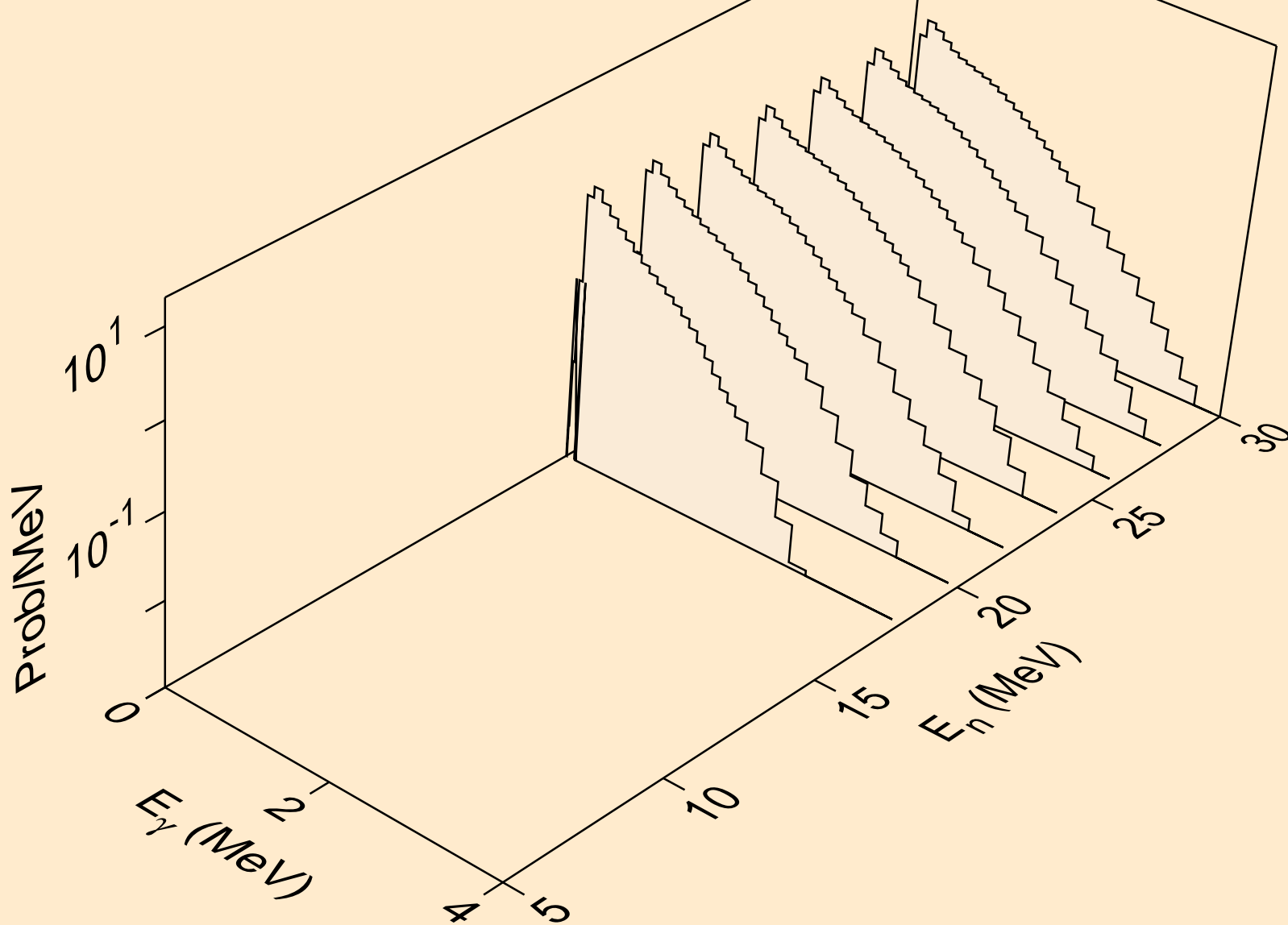
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



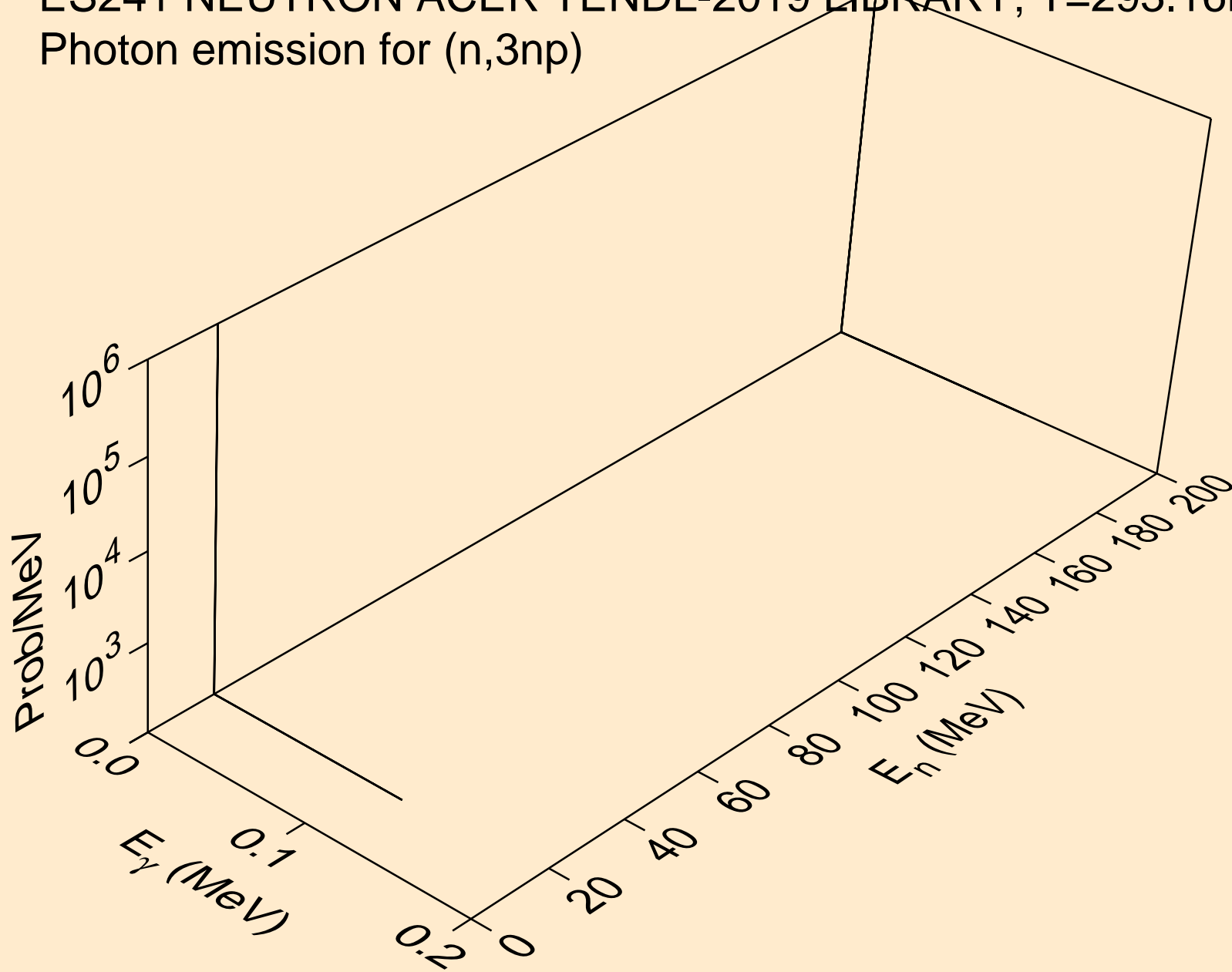
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Photon emission for (n,4n)



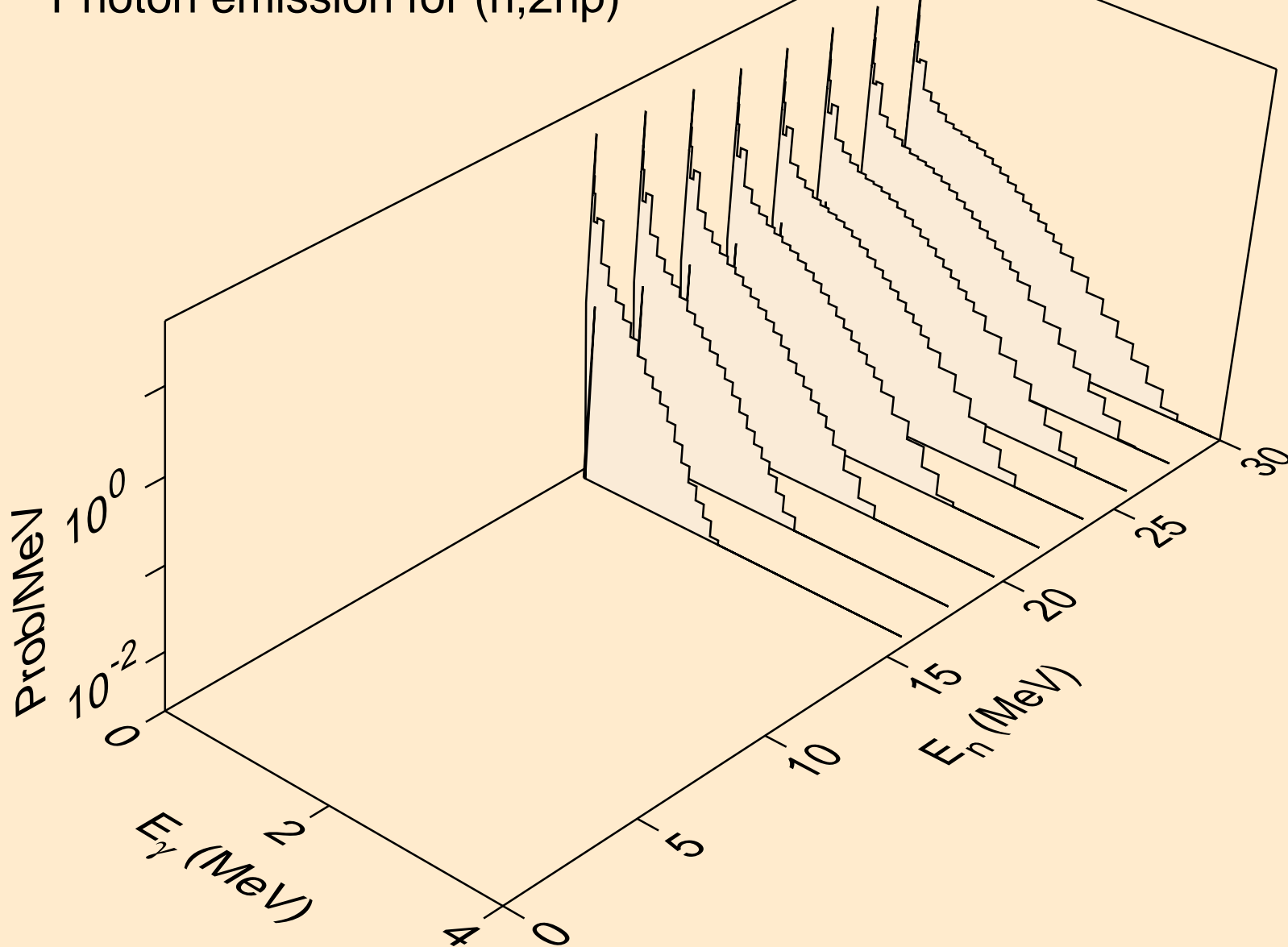
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Photon emission for (n,2np)



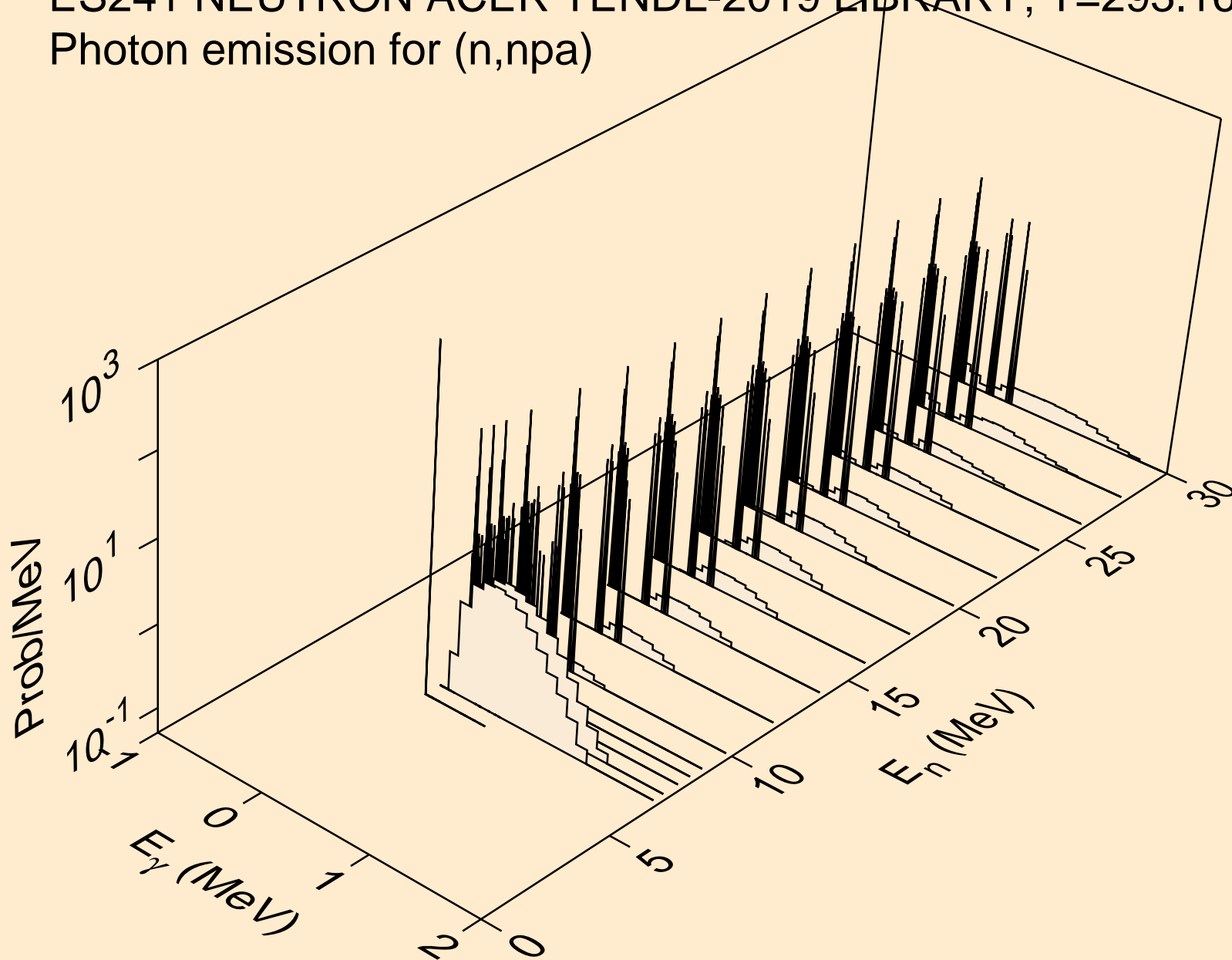
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Photon emission for (n,3np)



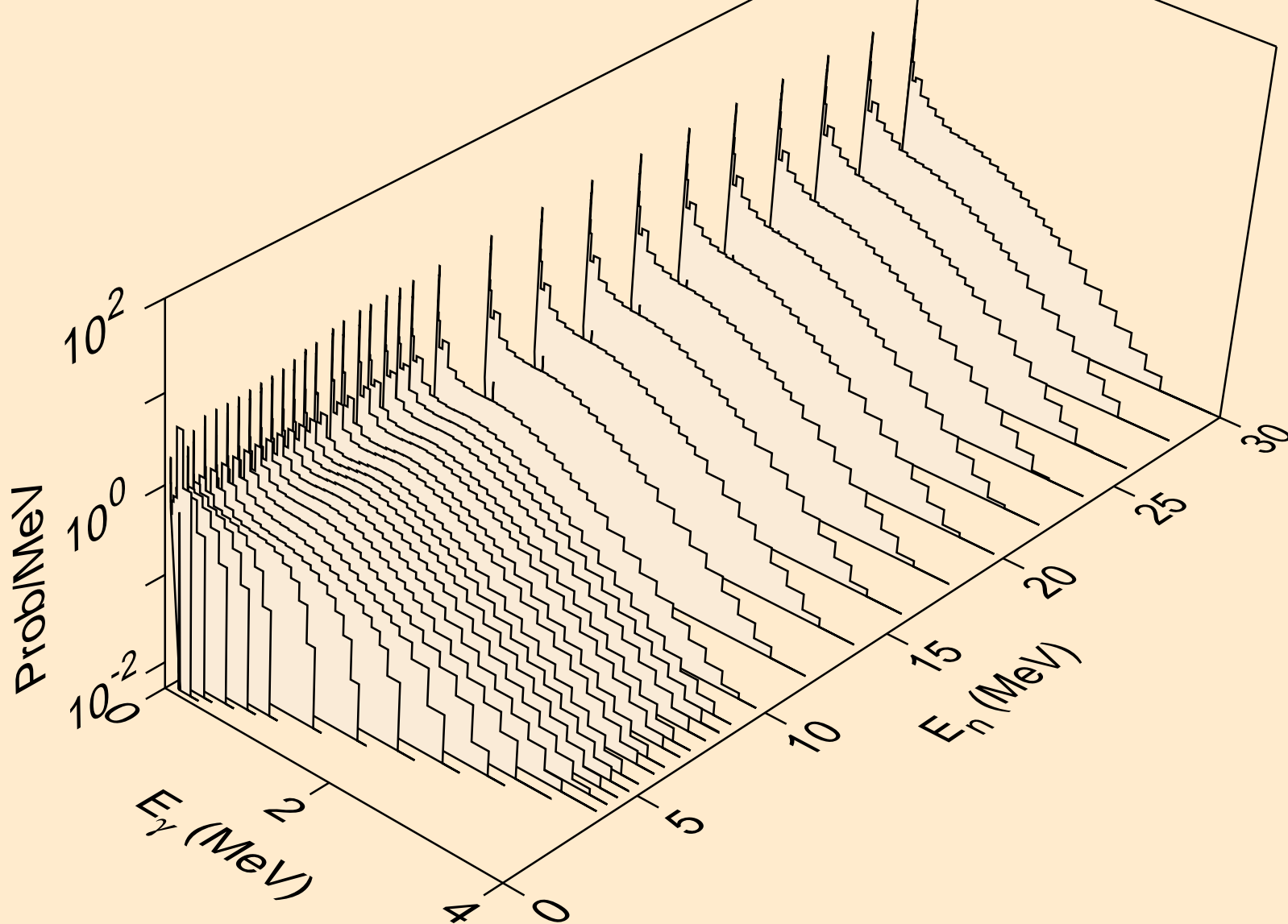
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Photon emission for (n,2np)



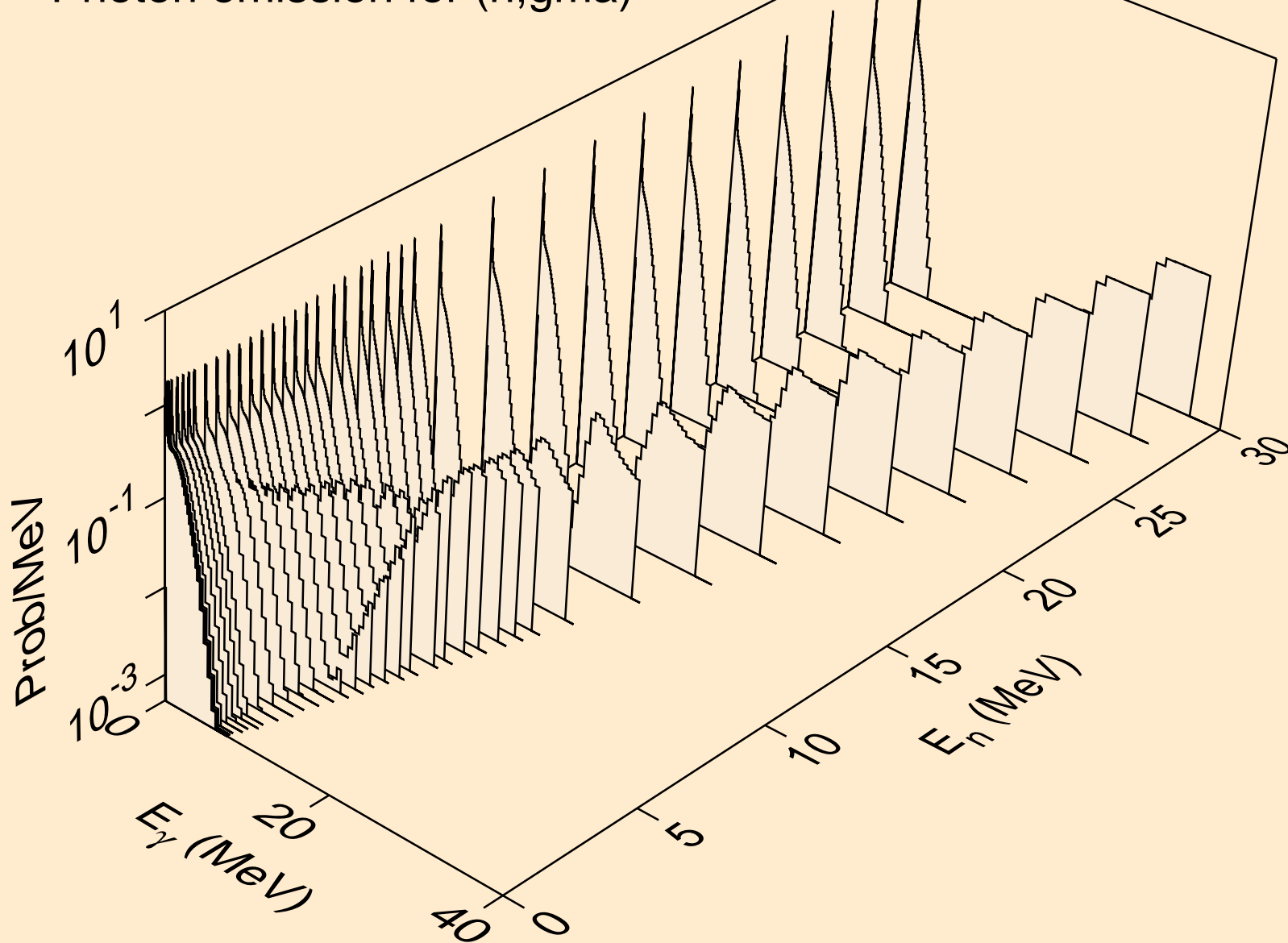
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



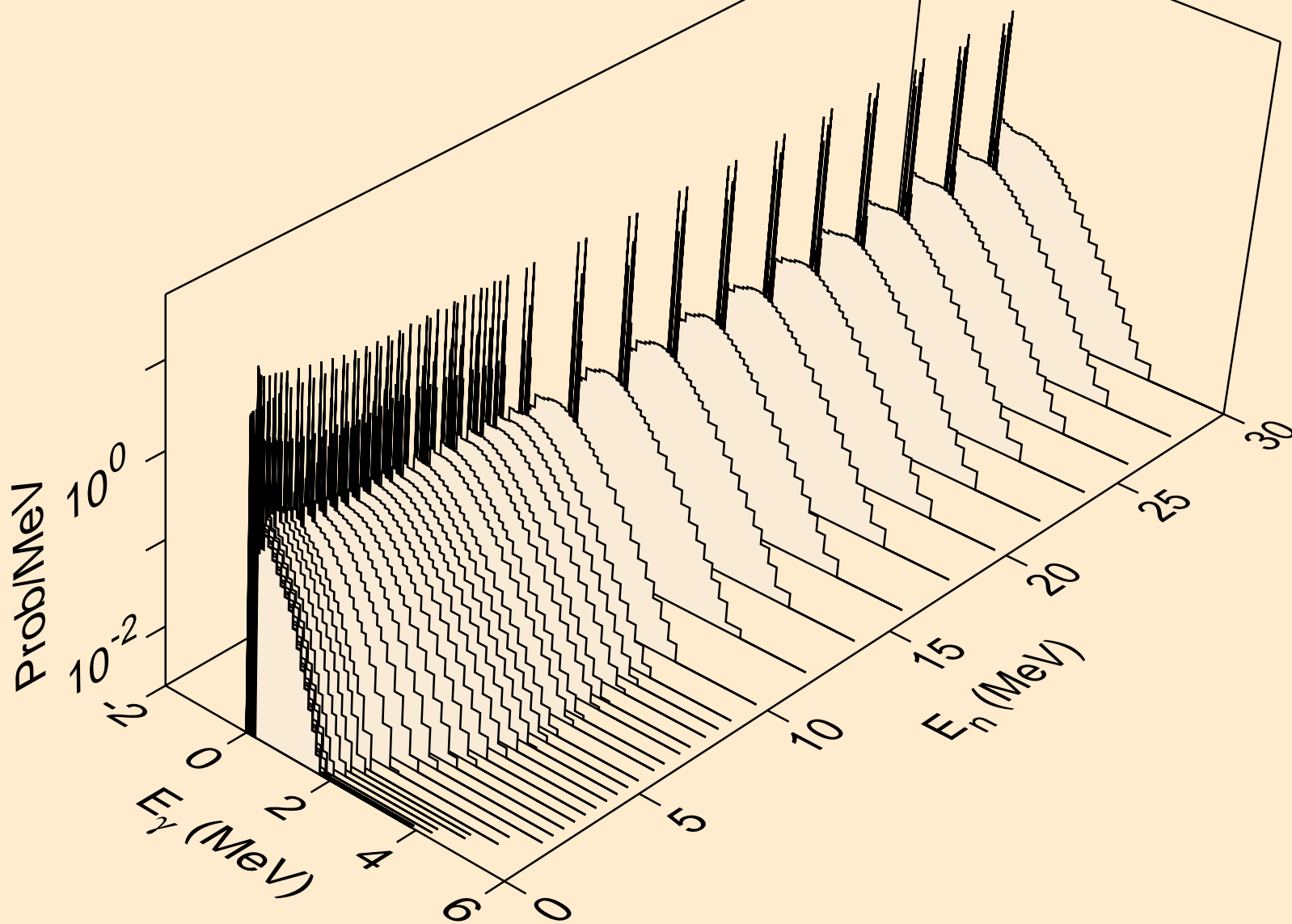
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



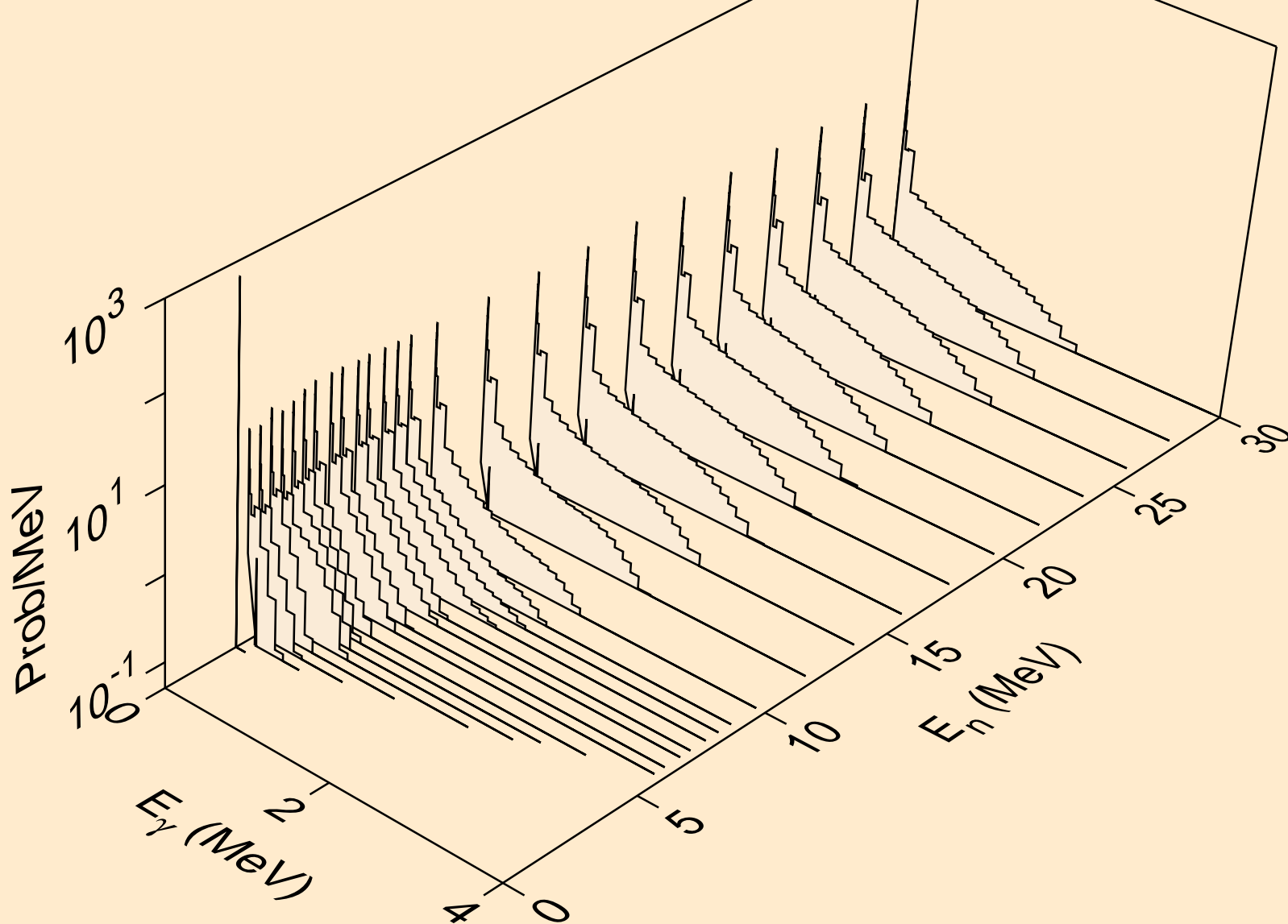
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



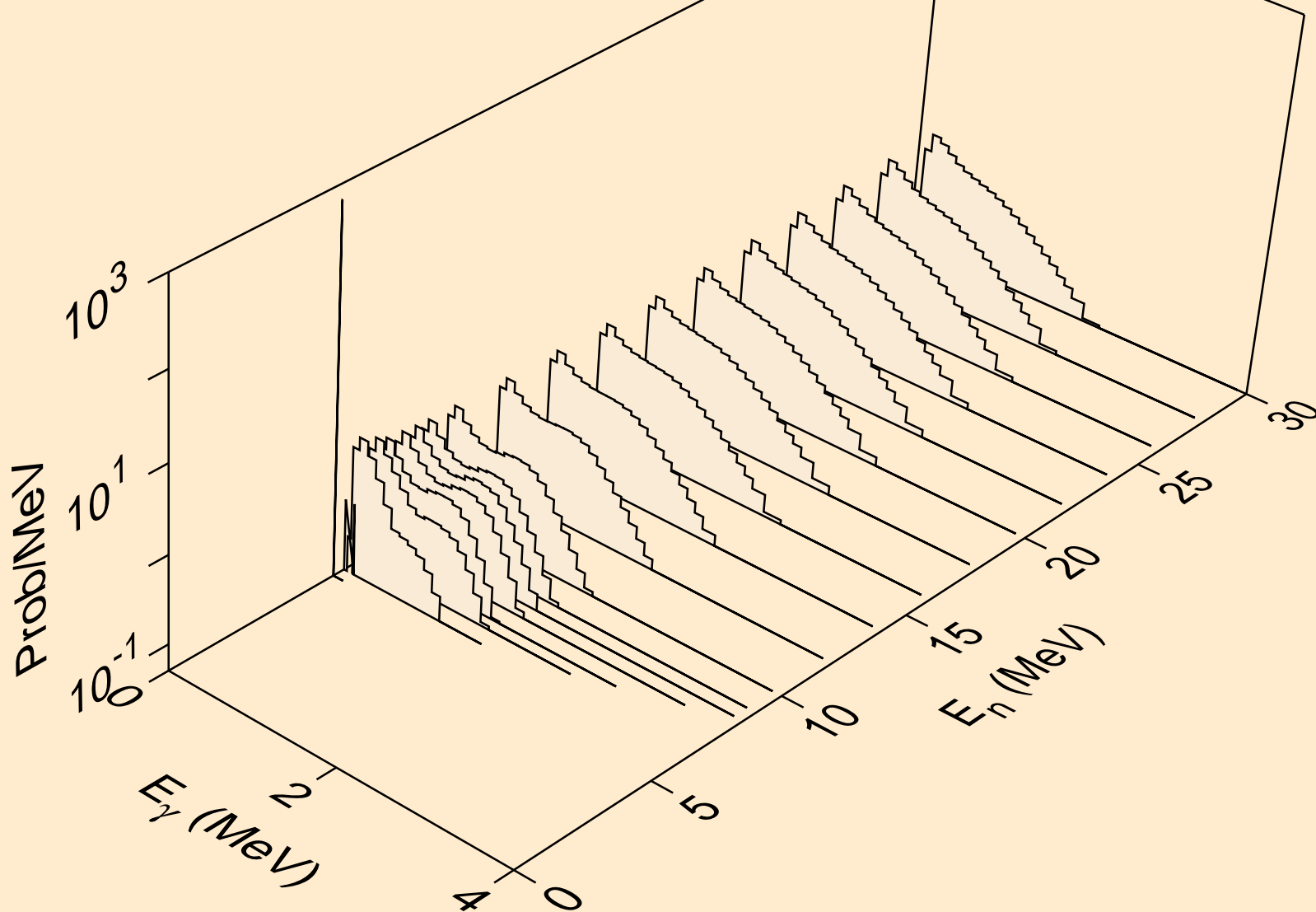
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



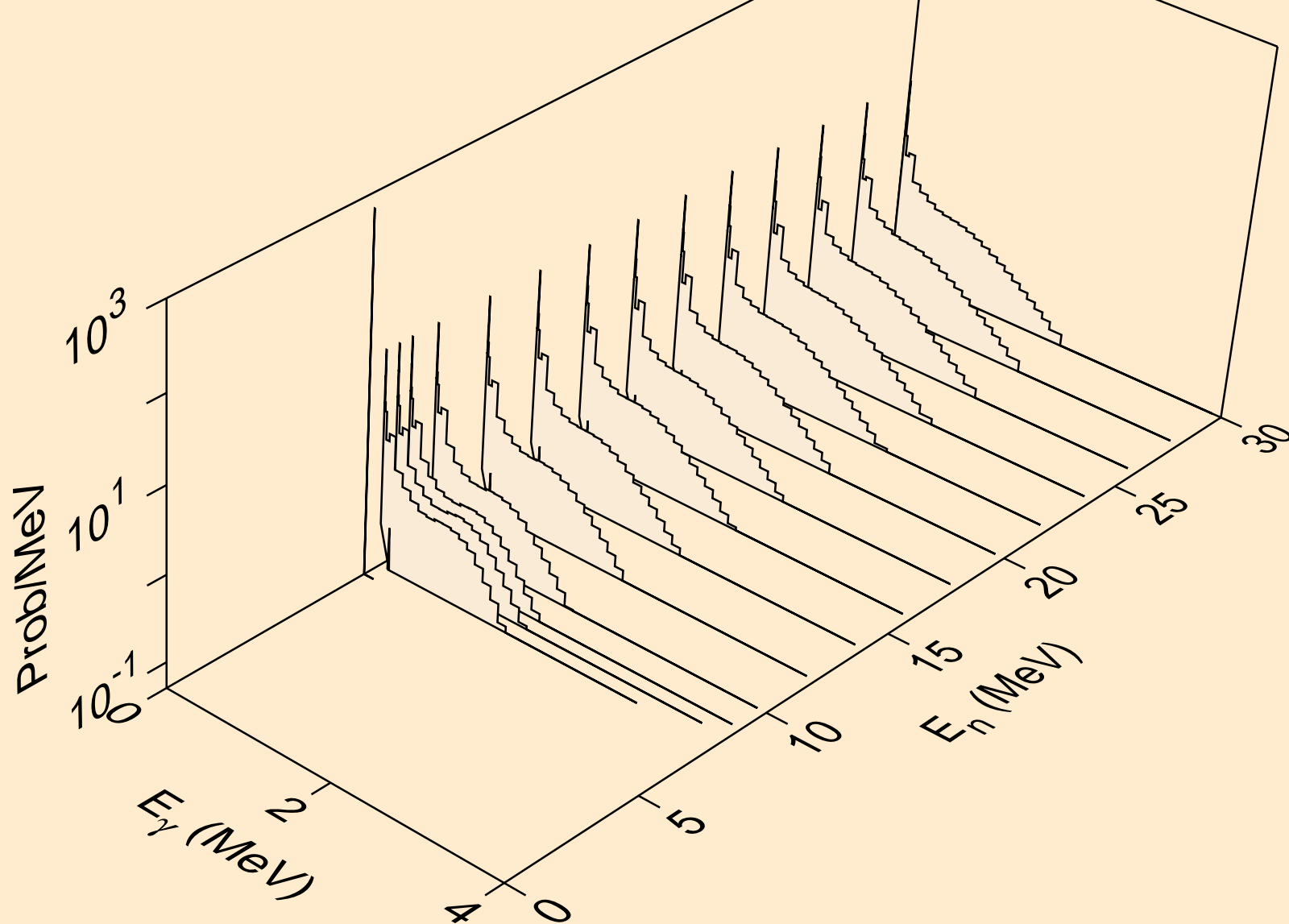
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



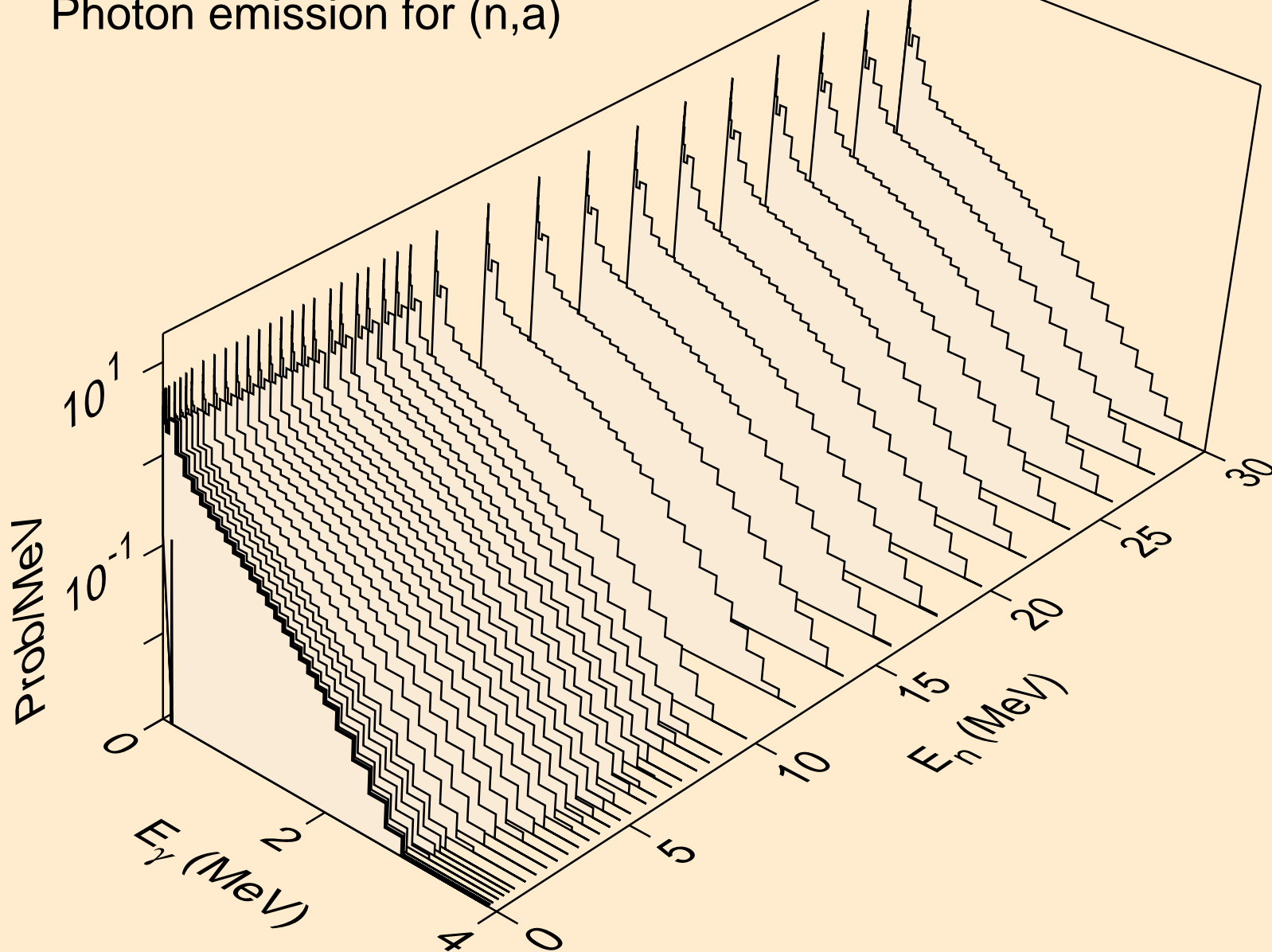
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



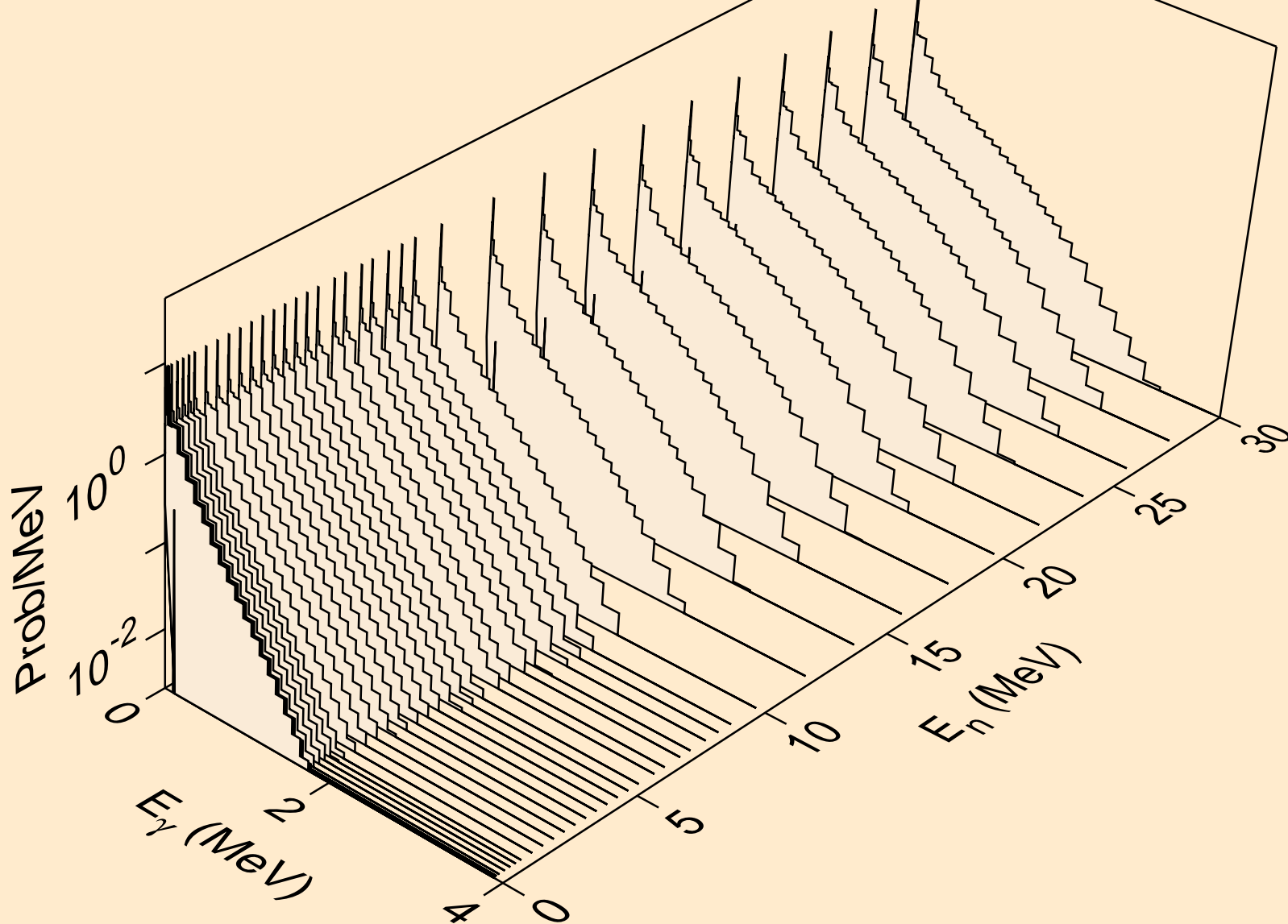
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



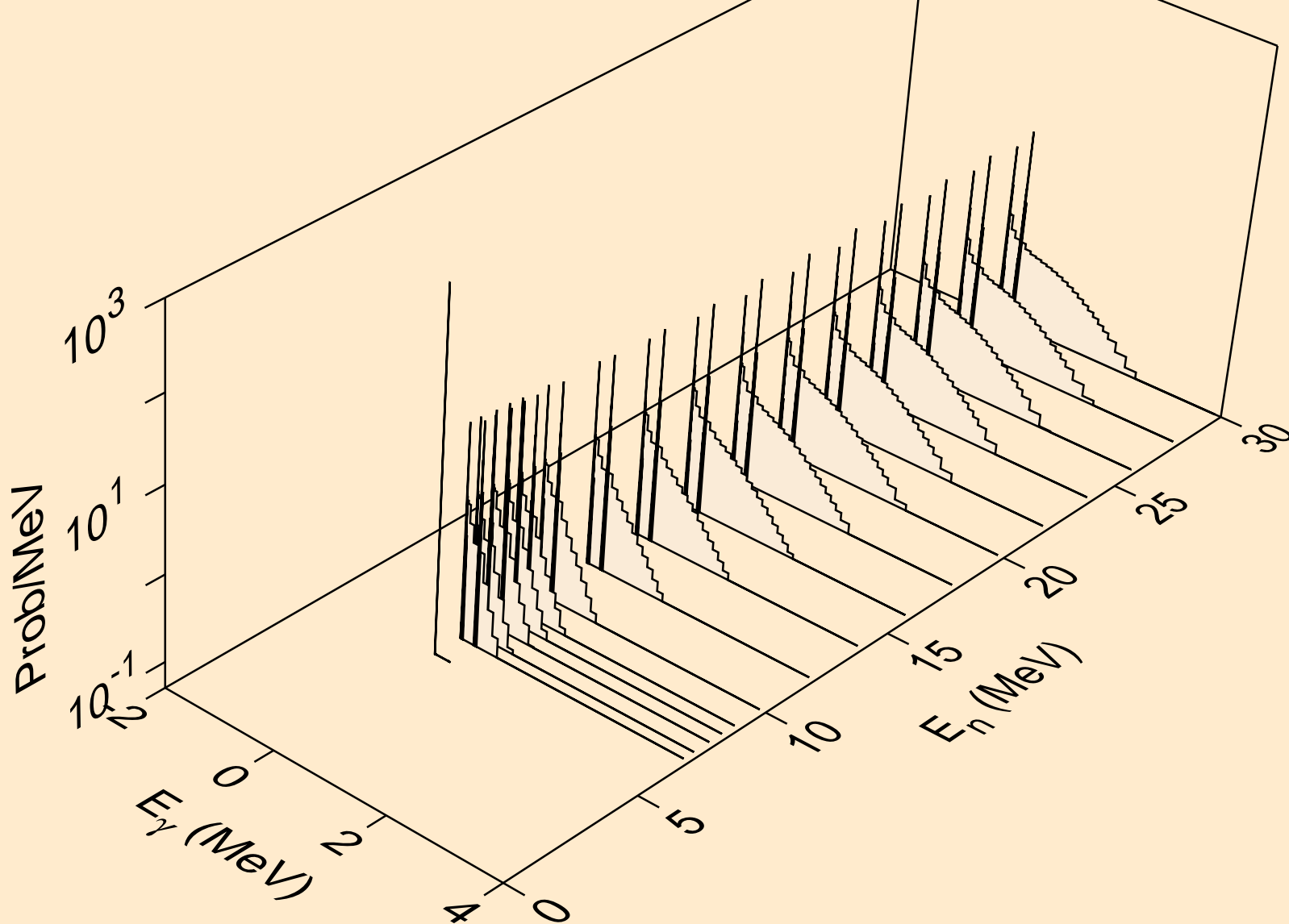
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



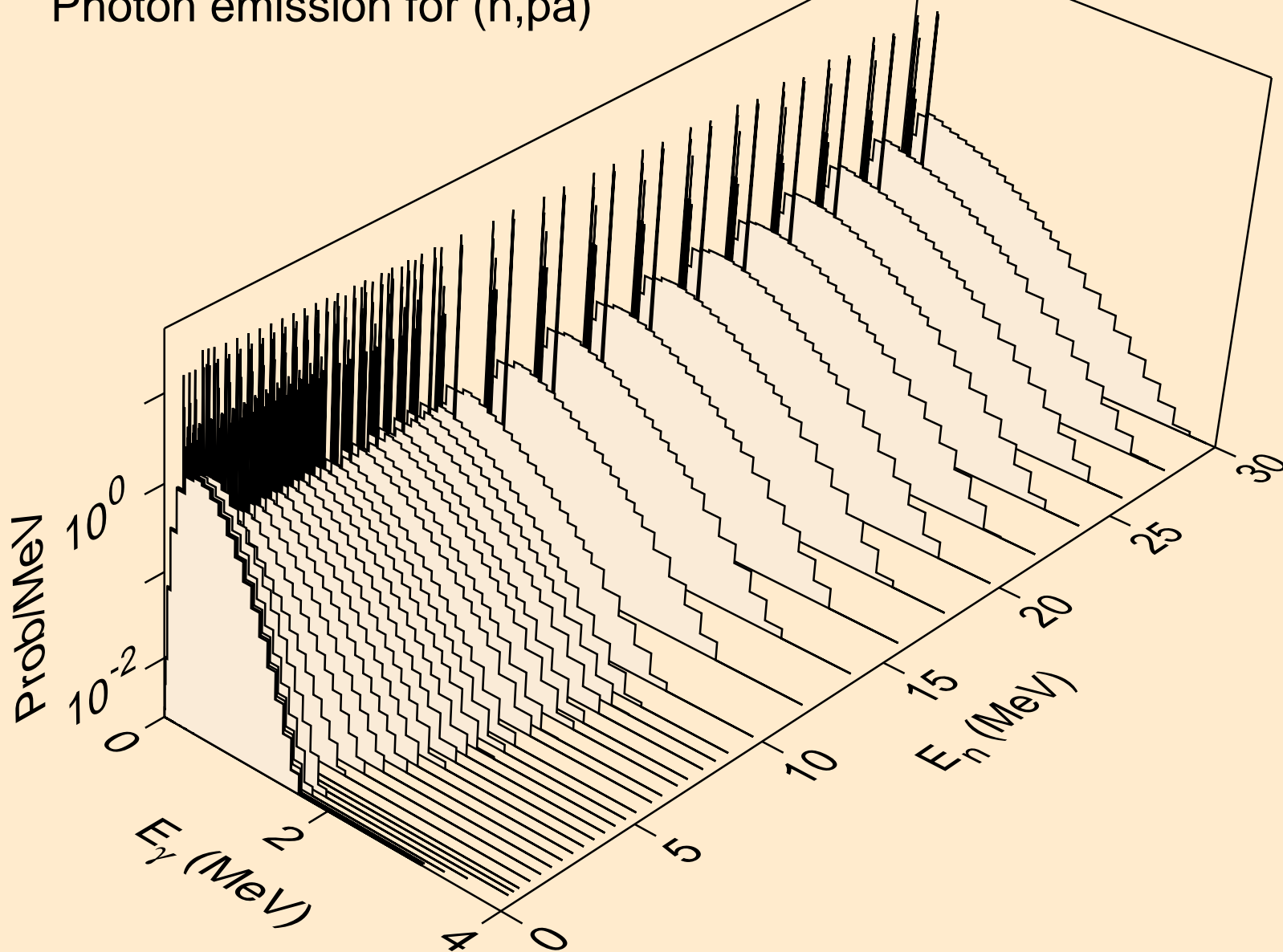
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



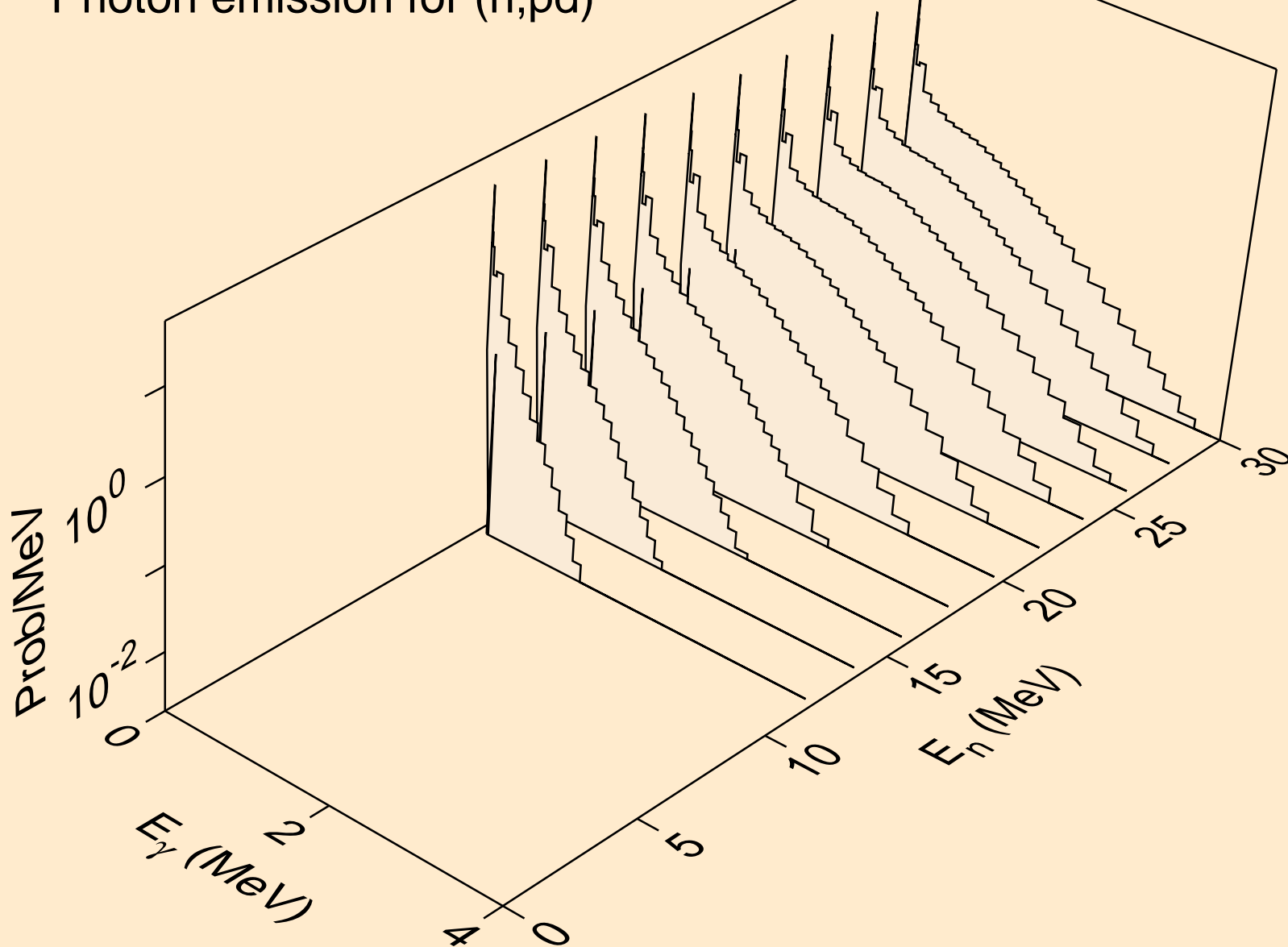
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



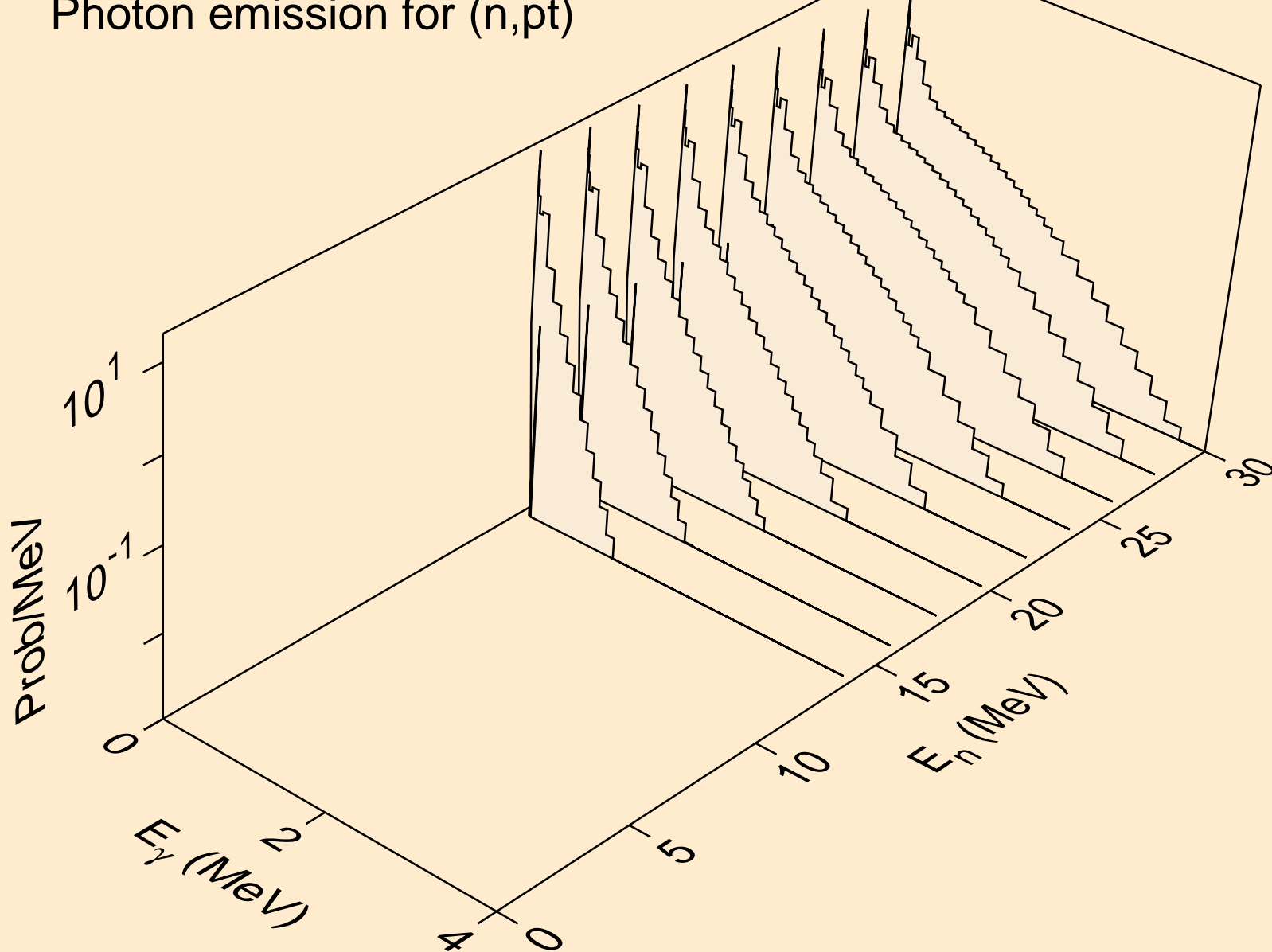
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



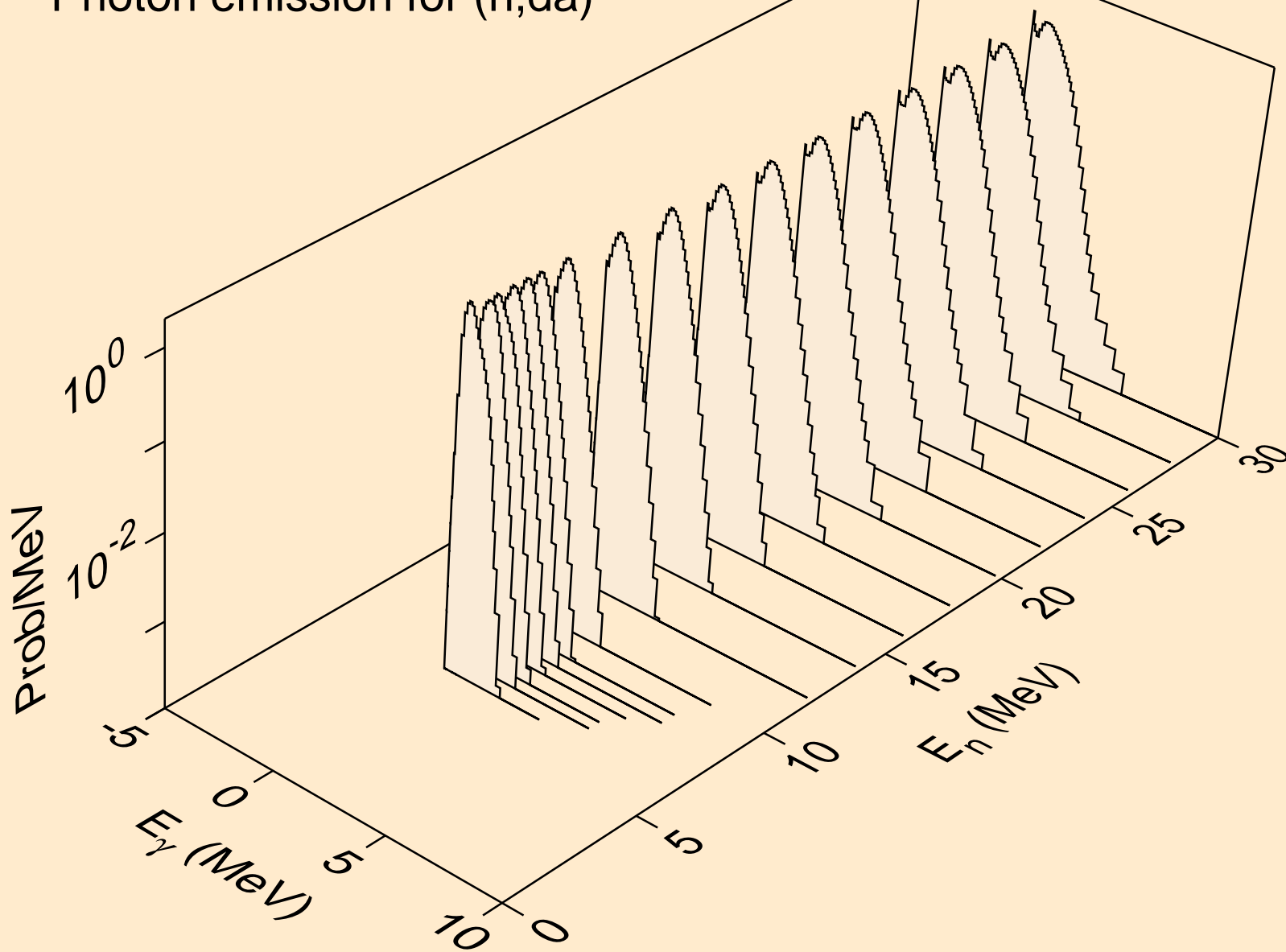
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



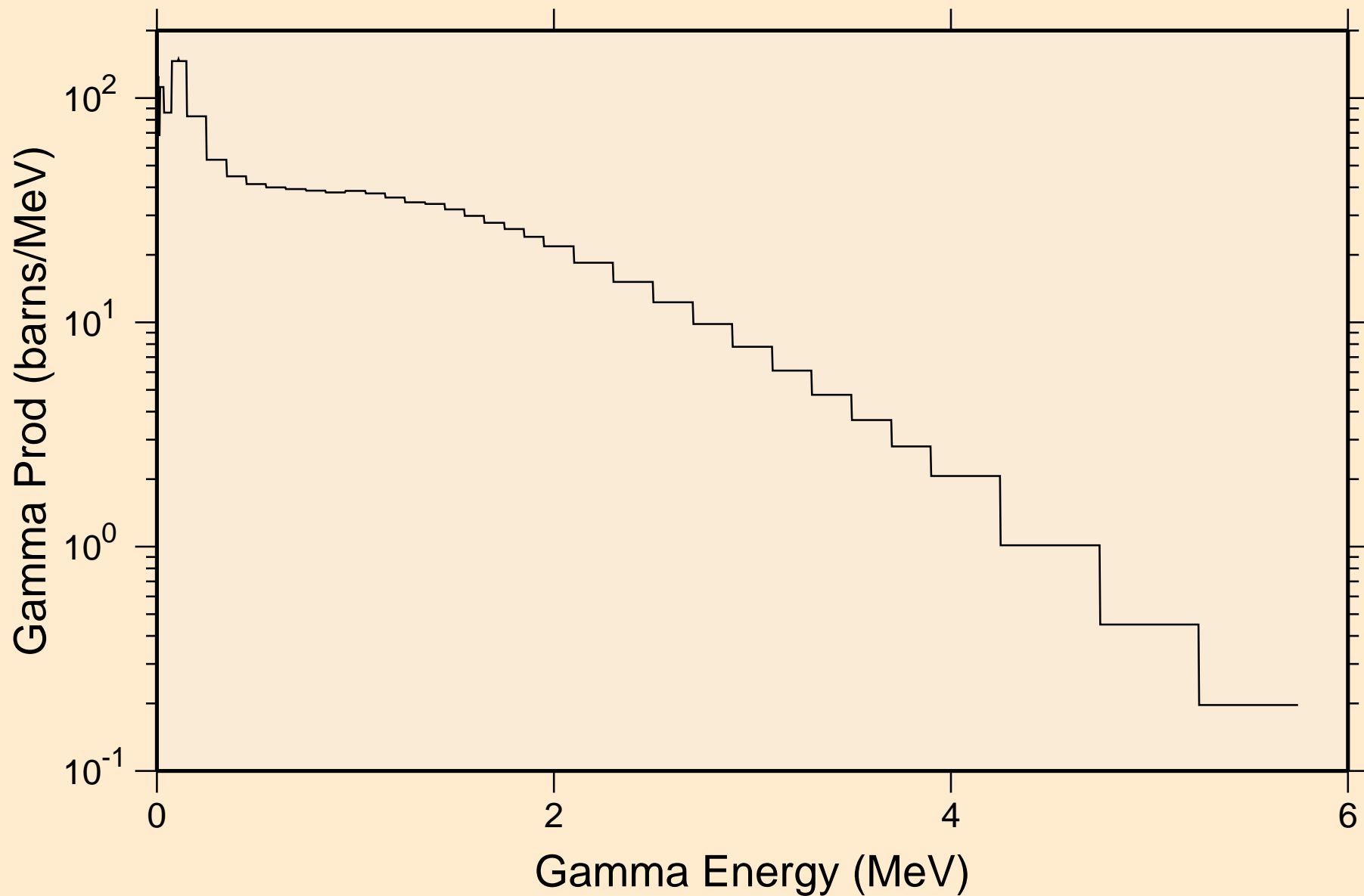
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



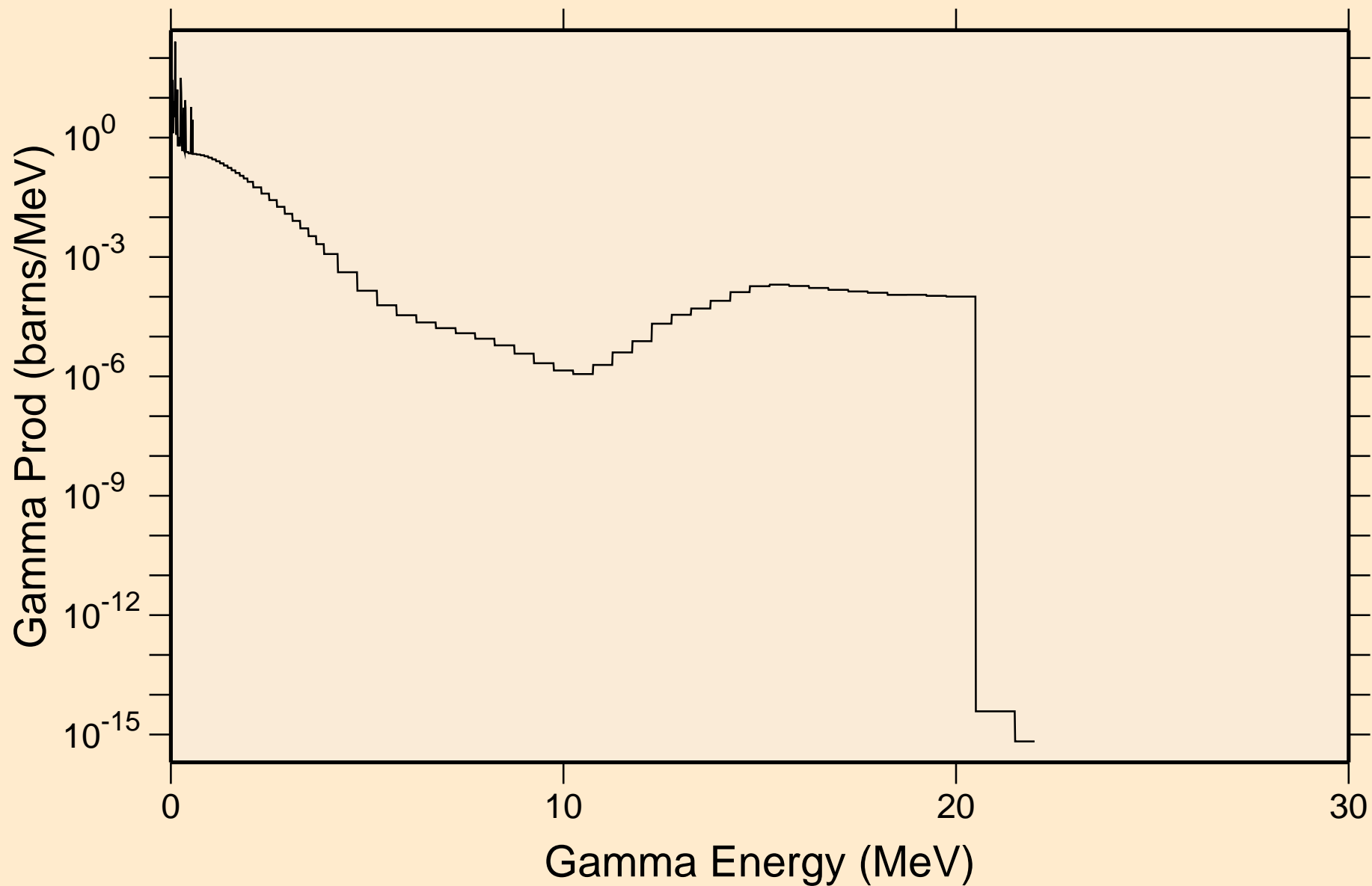
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

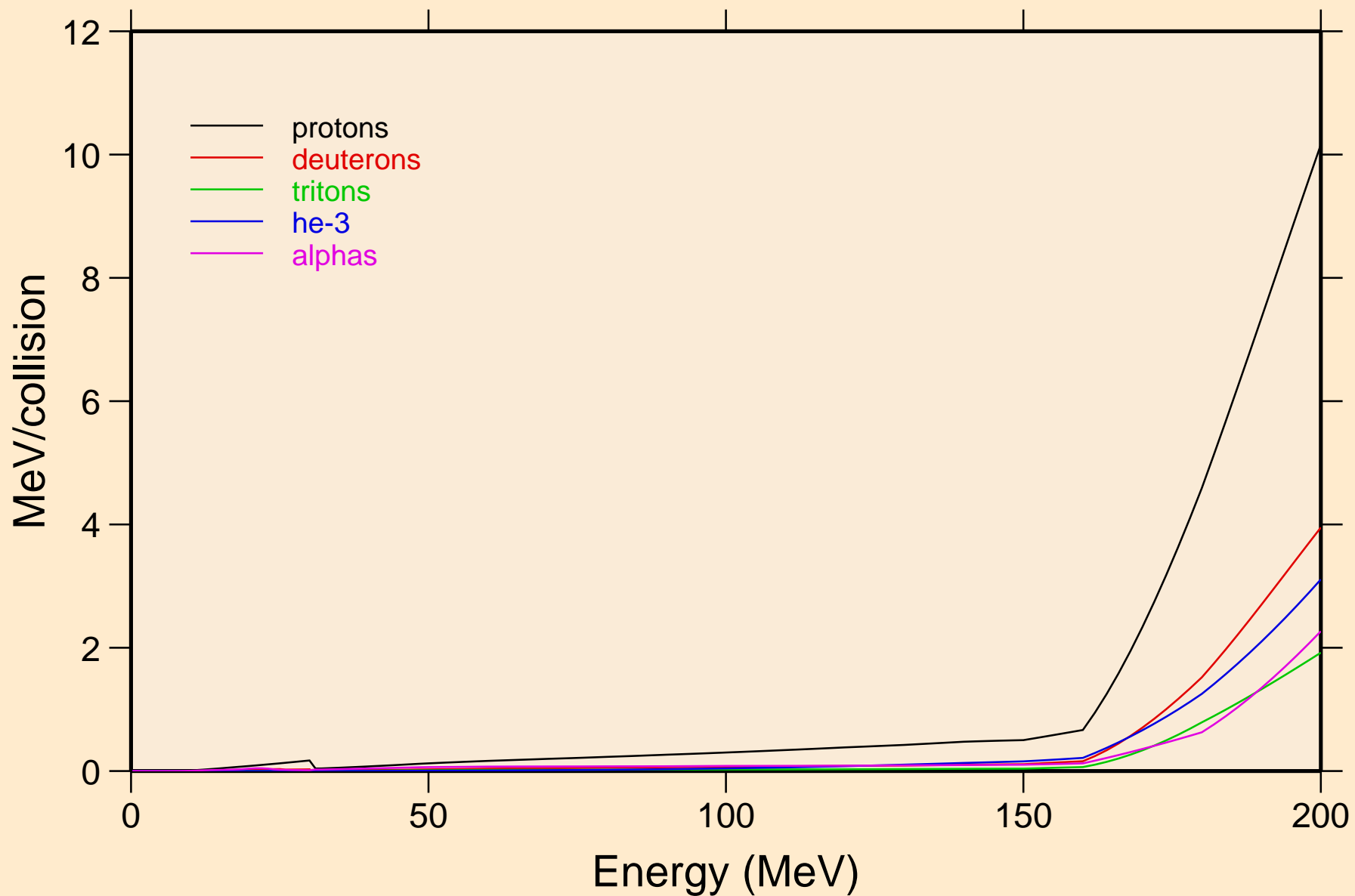


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

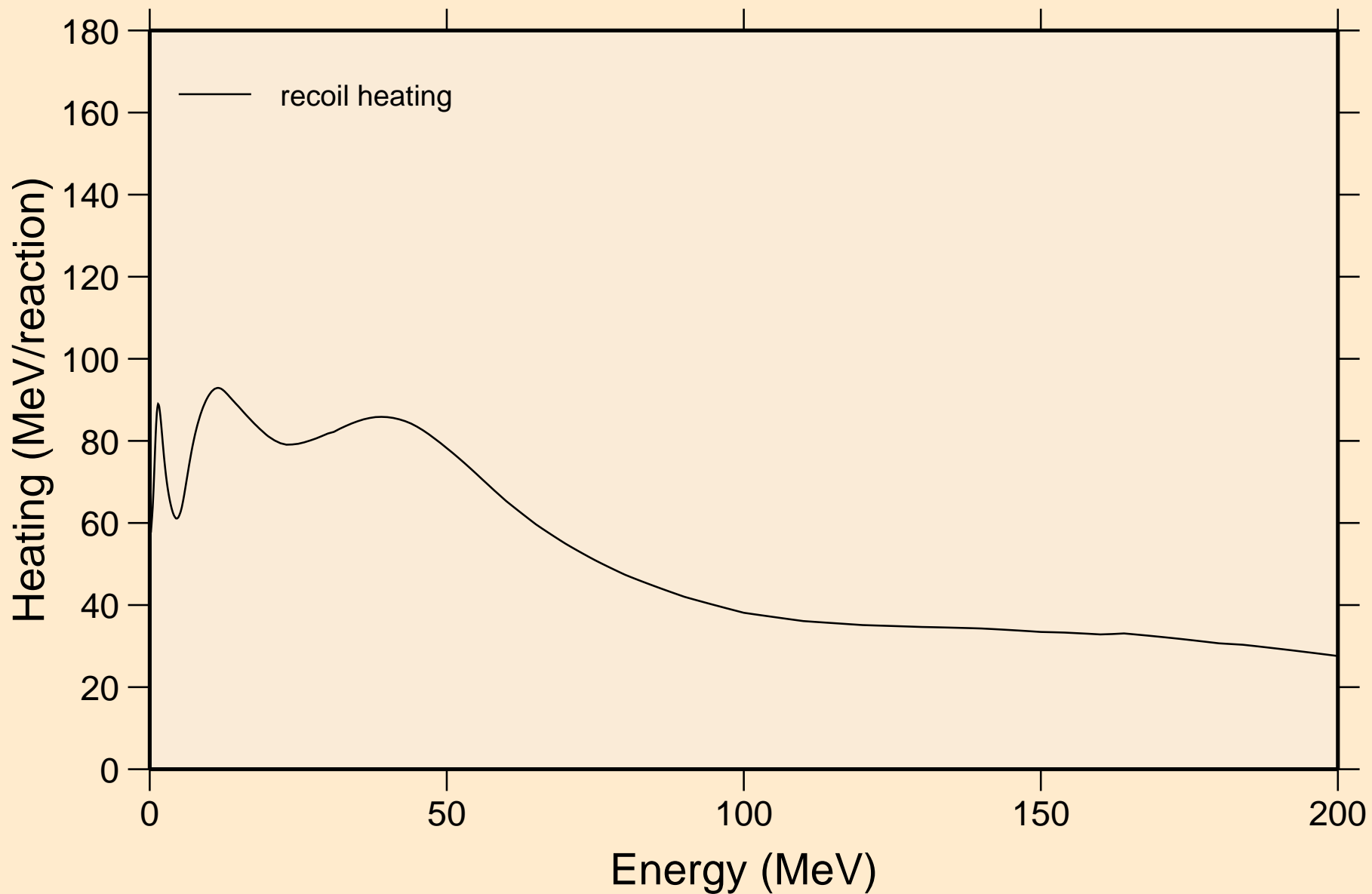


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

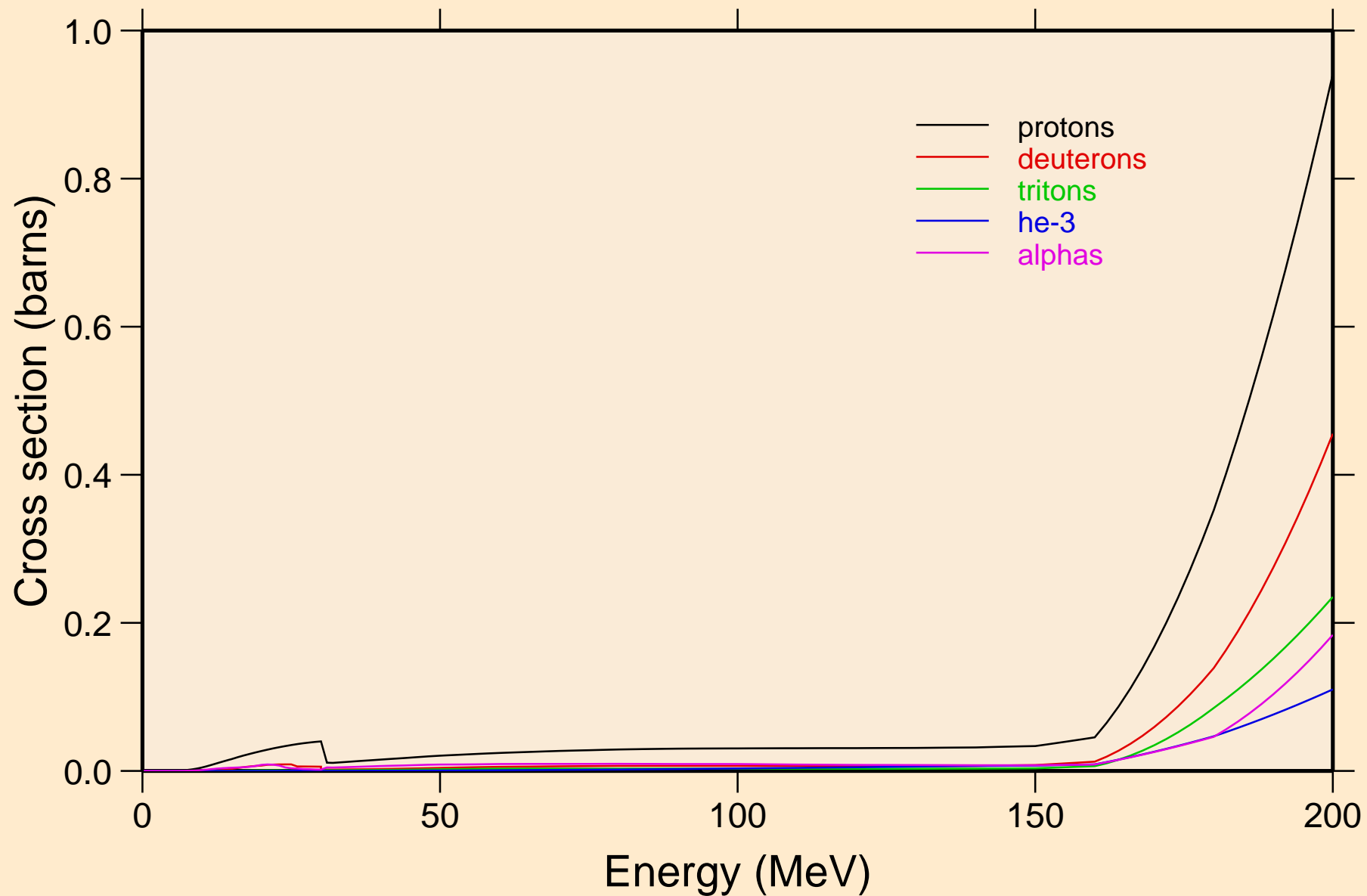


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

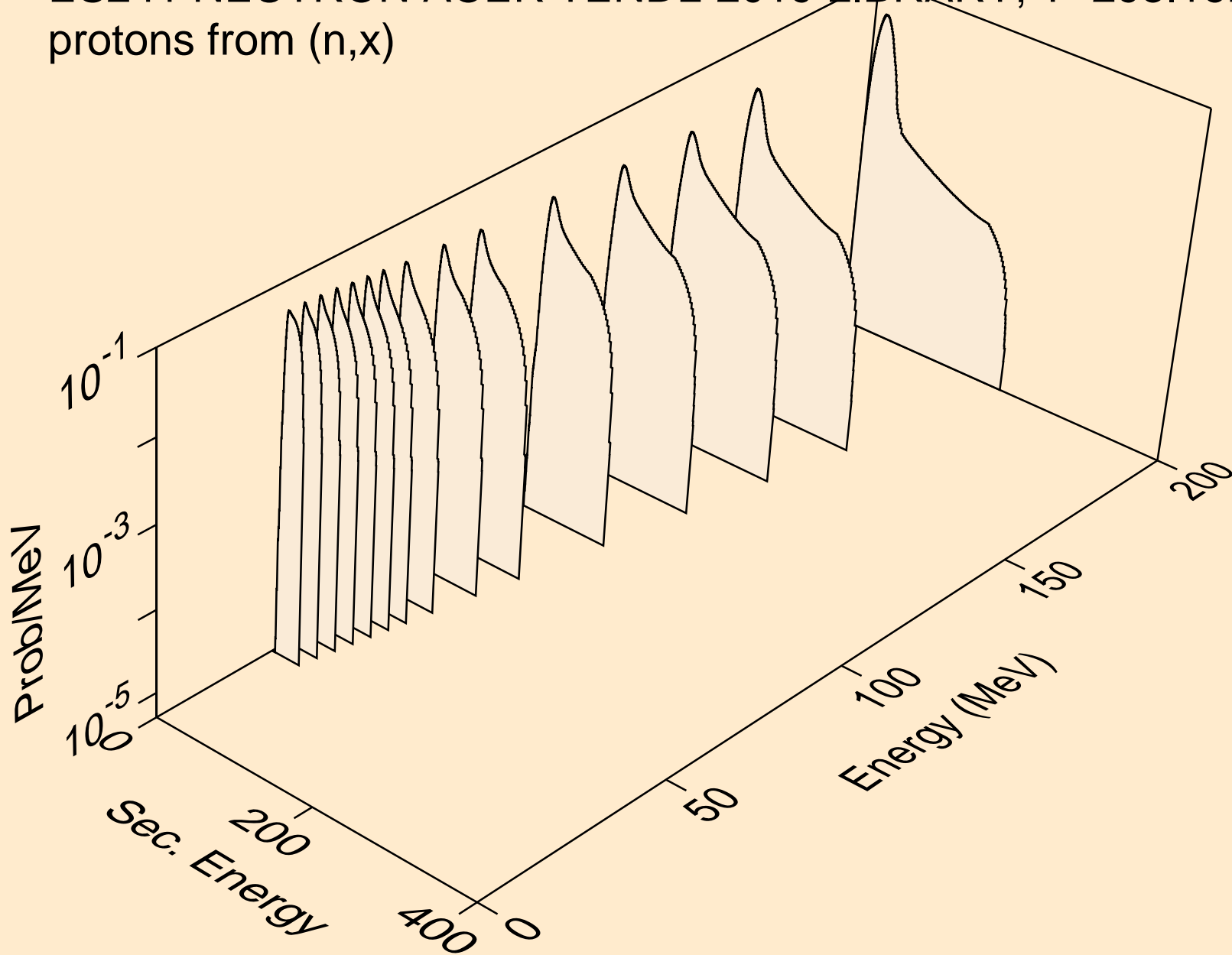


ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

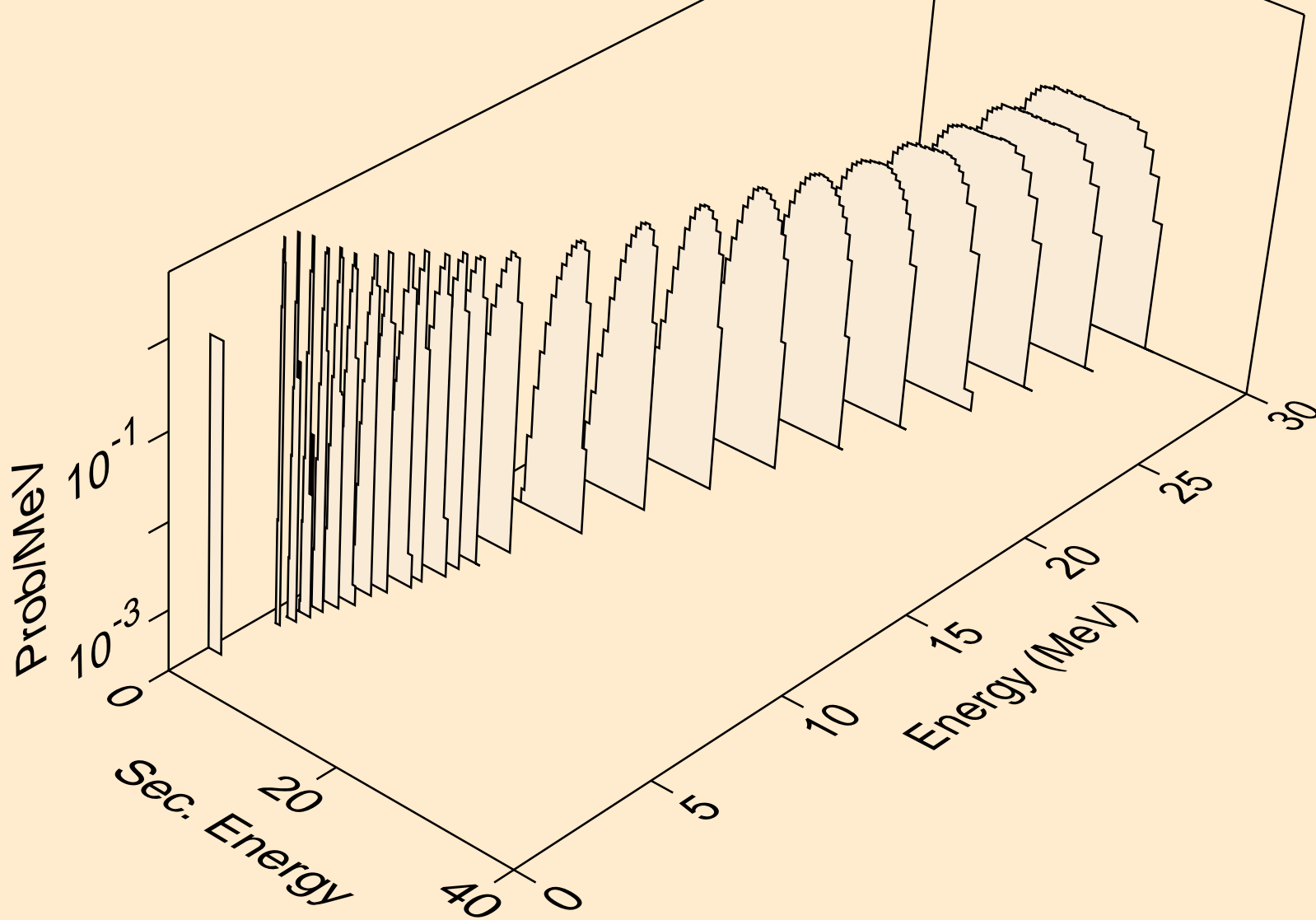
Particle production cross sections



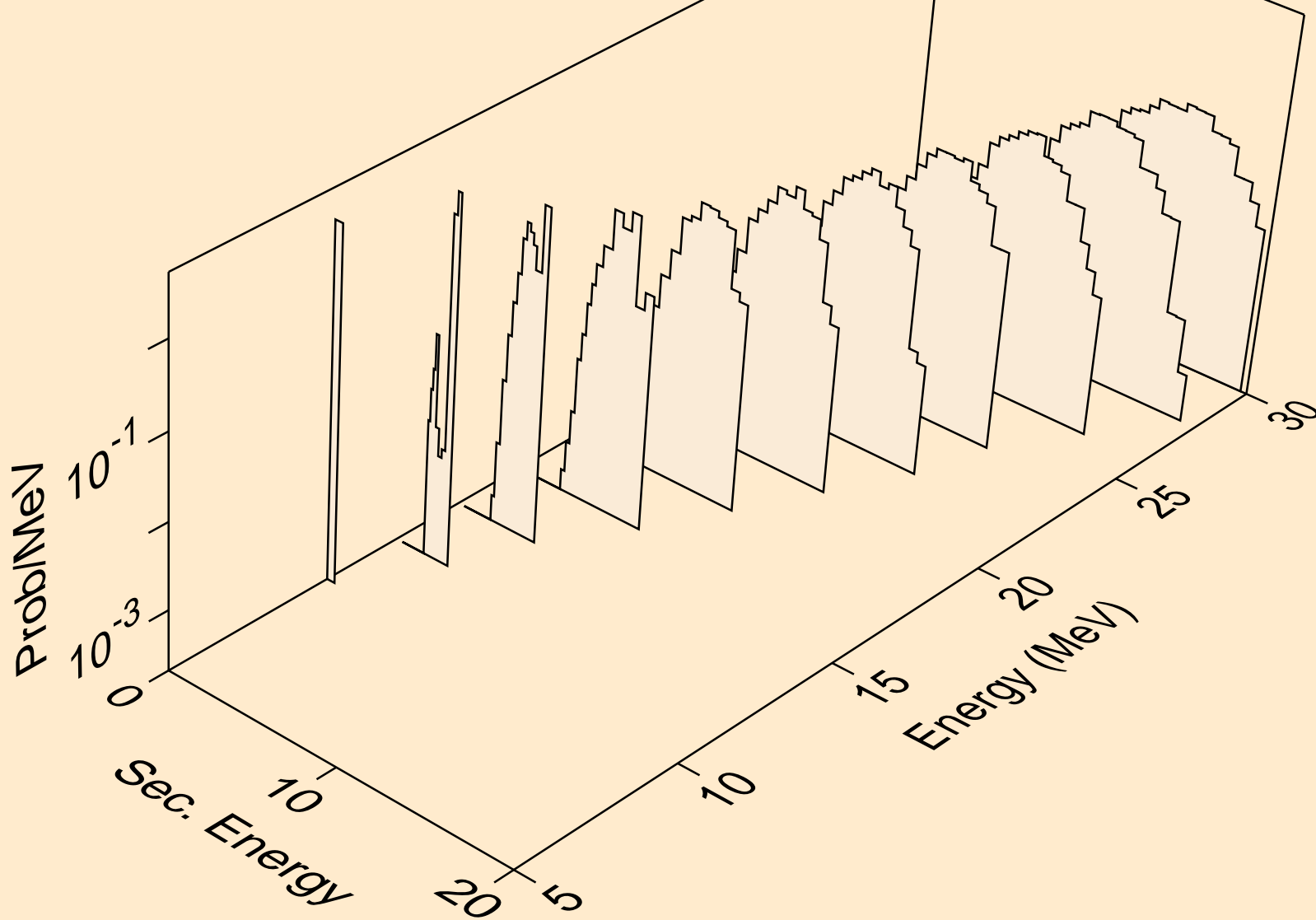
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



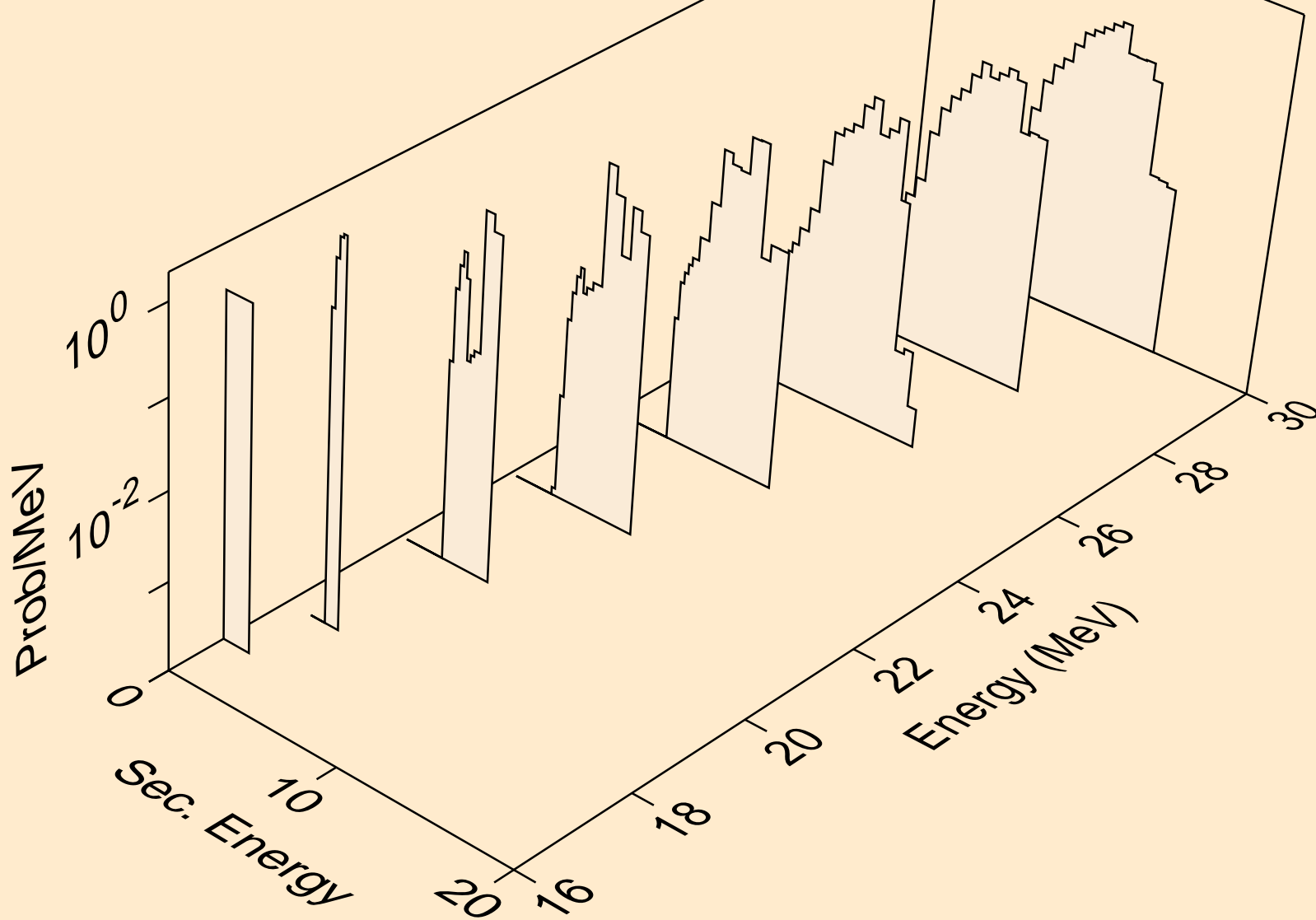
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



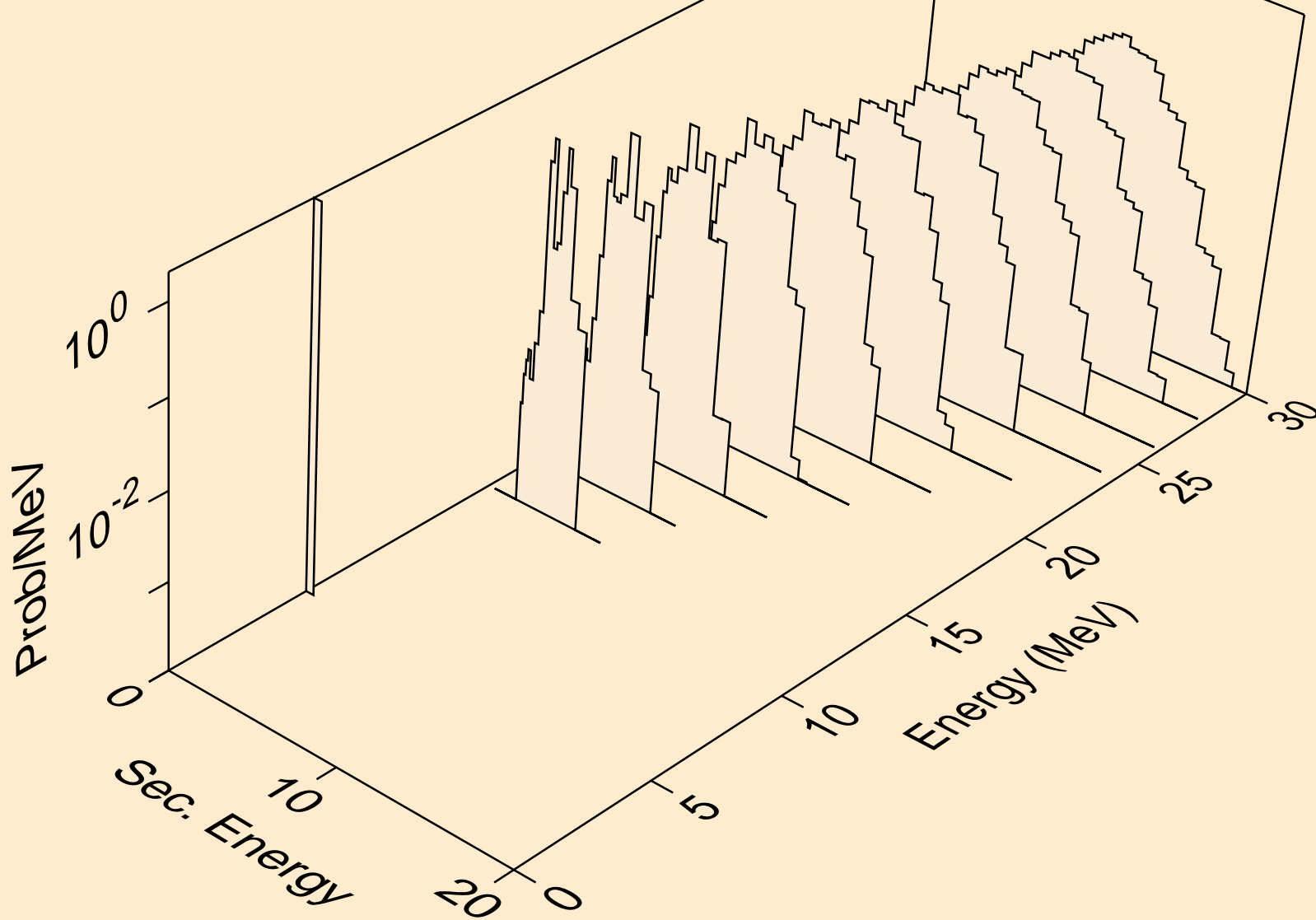
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



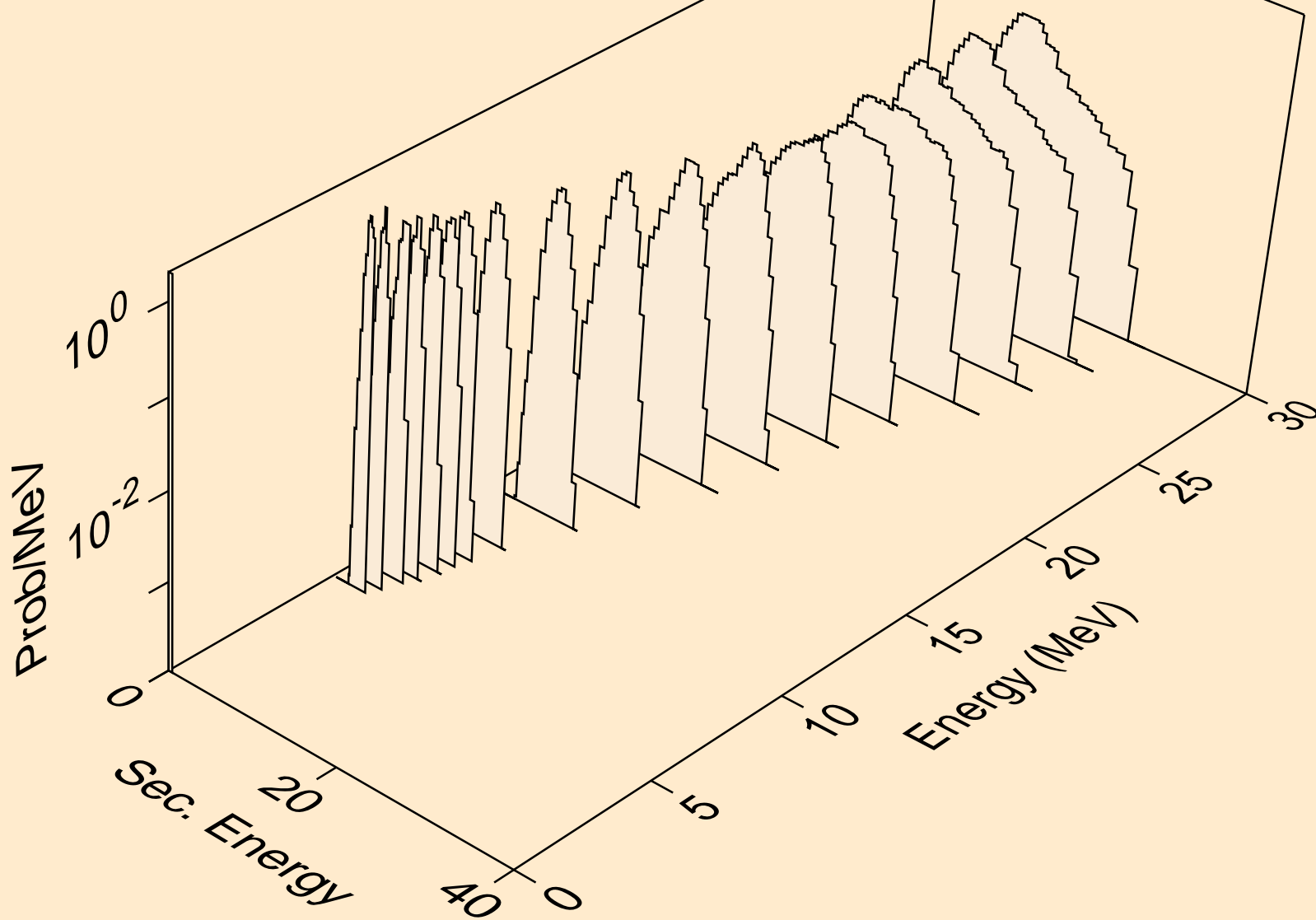
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



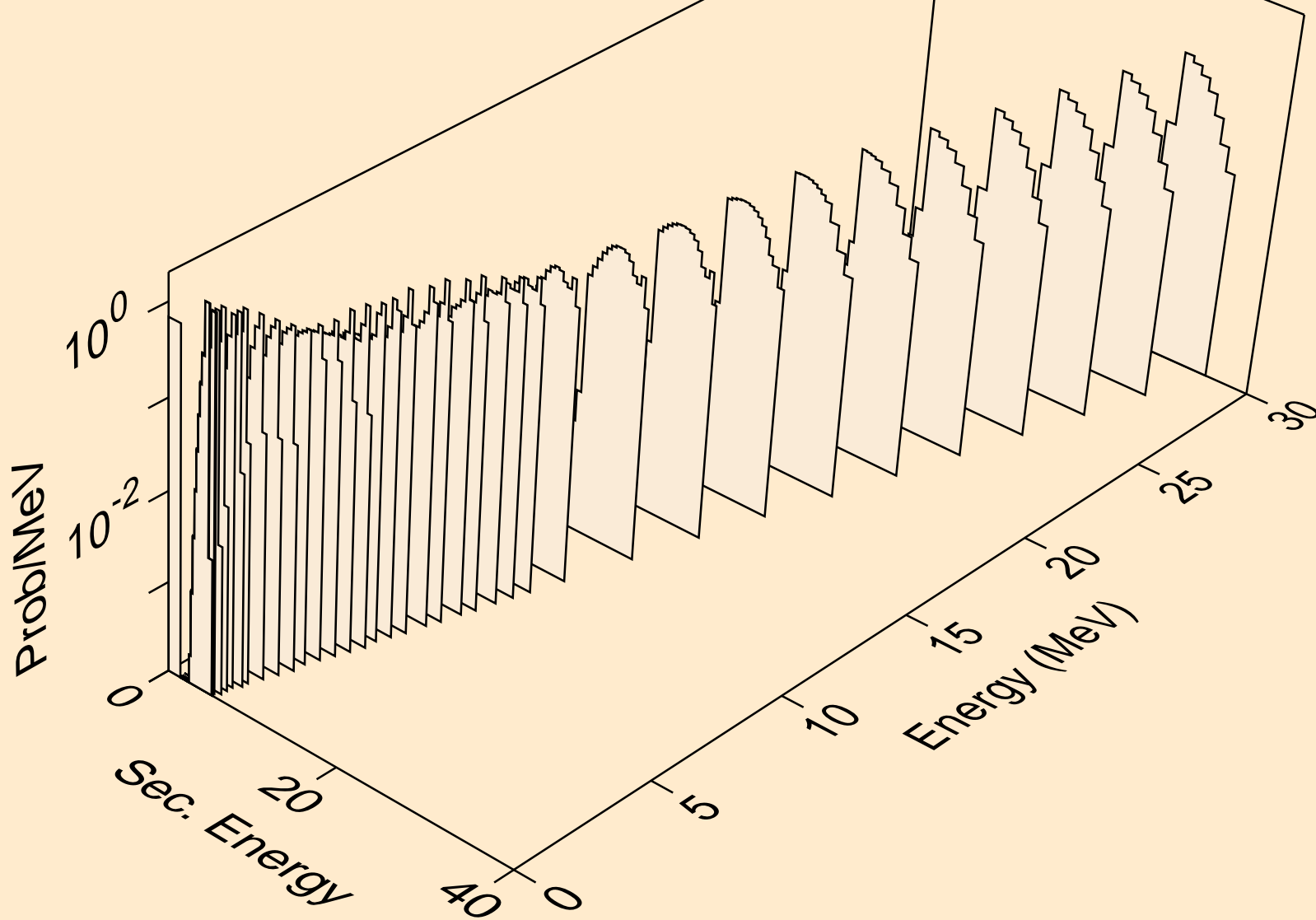
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



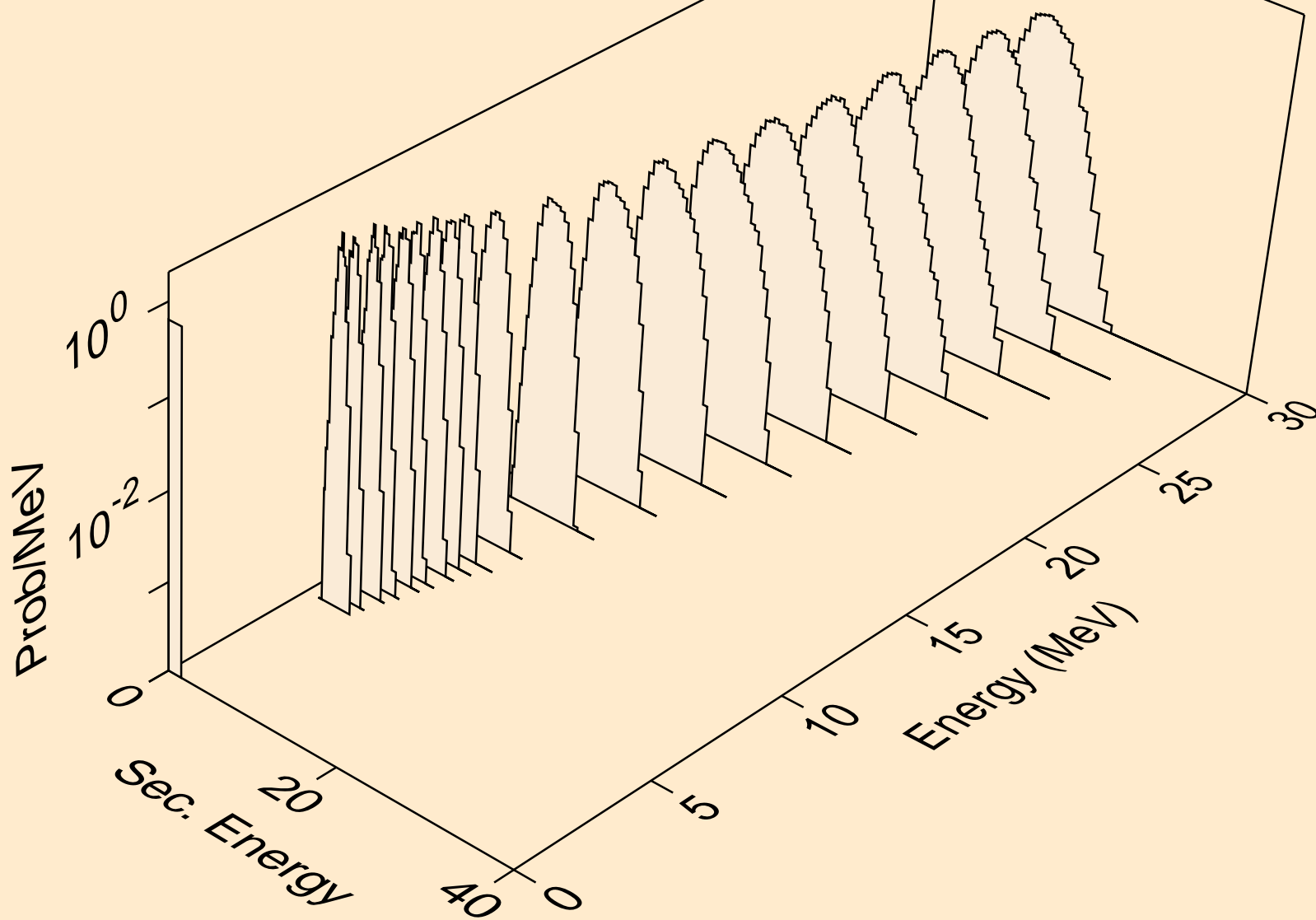
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



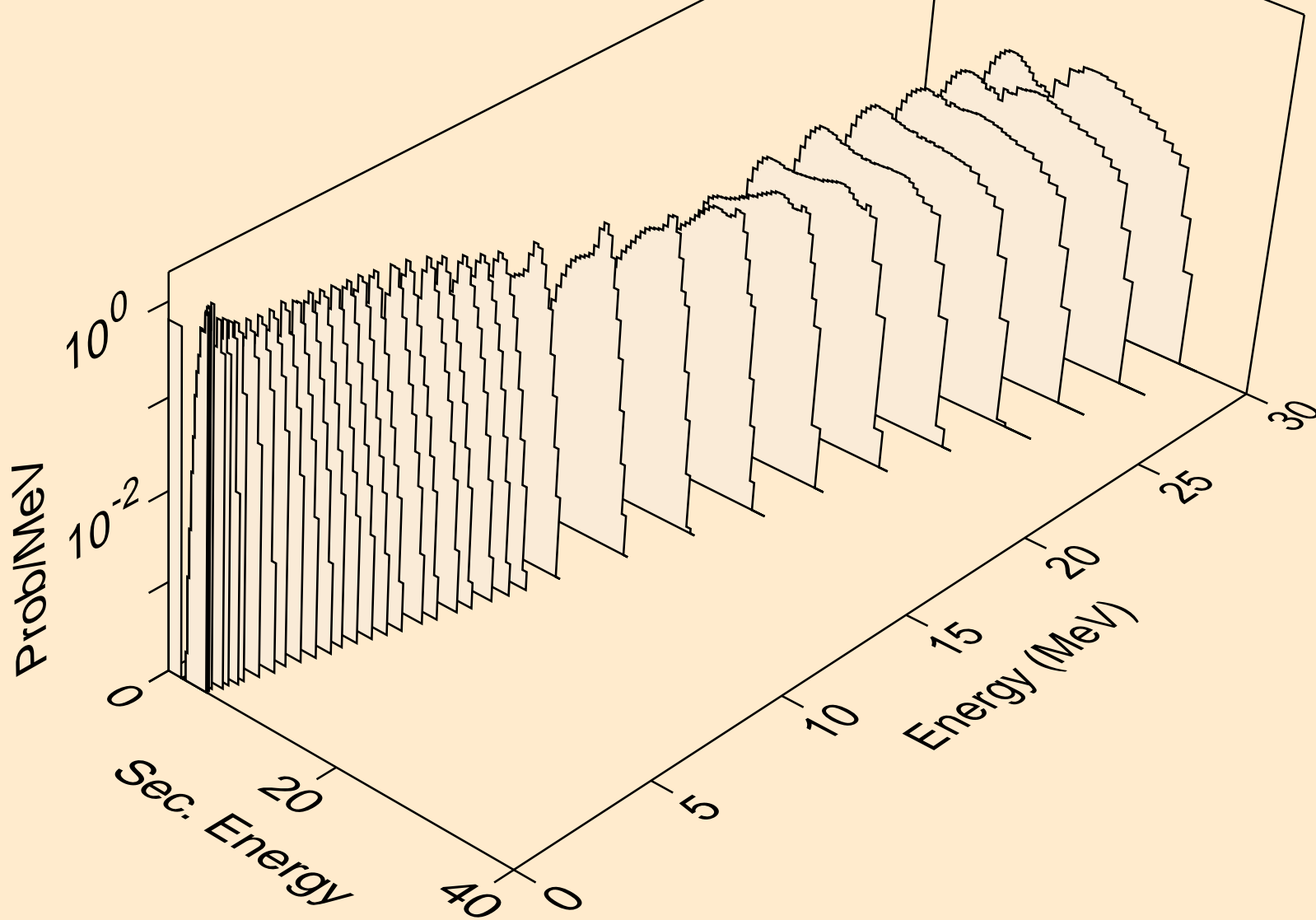
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



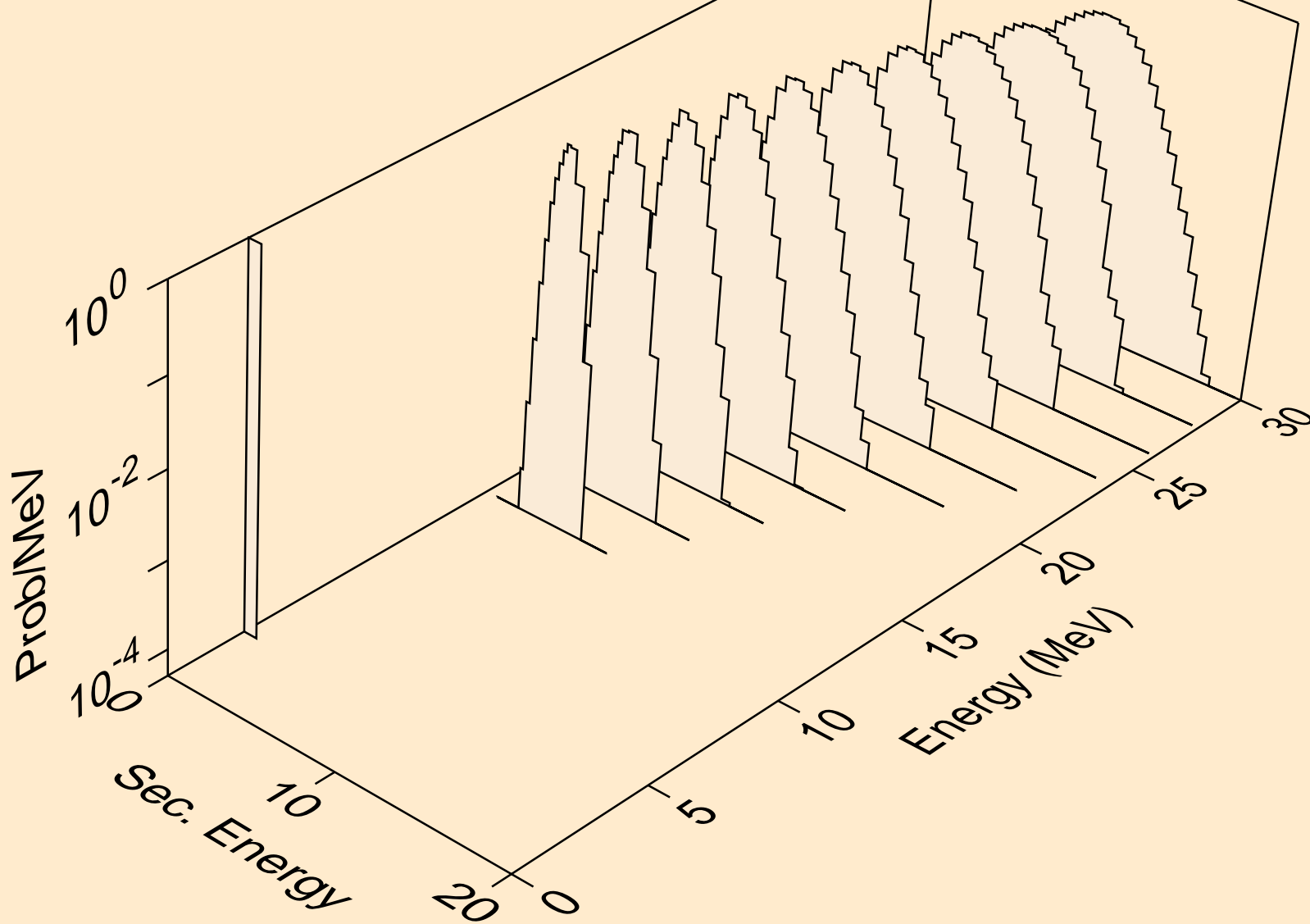
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



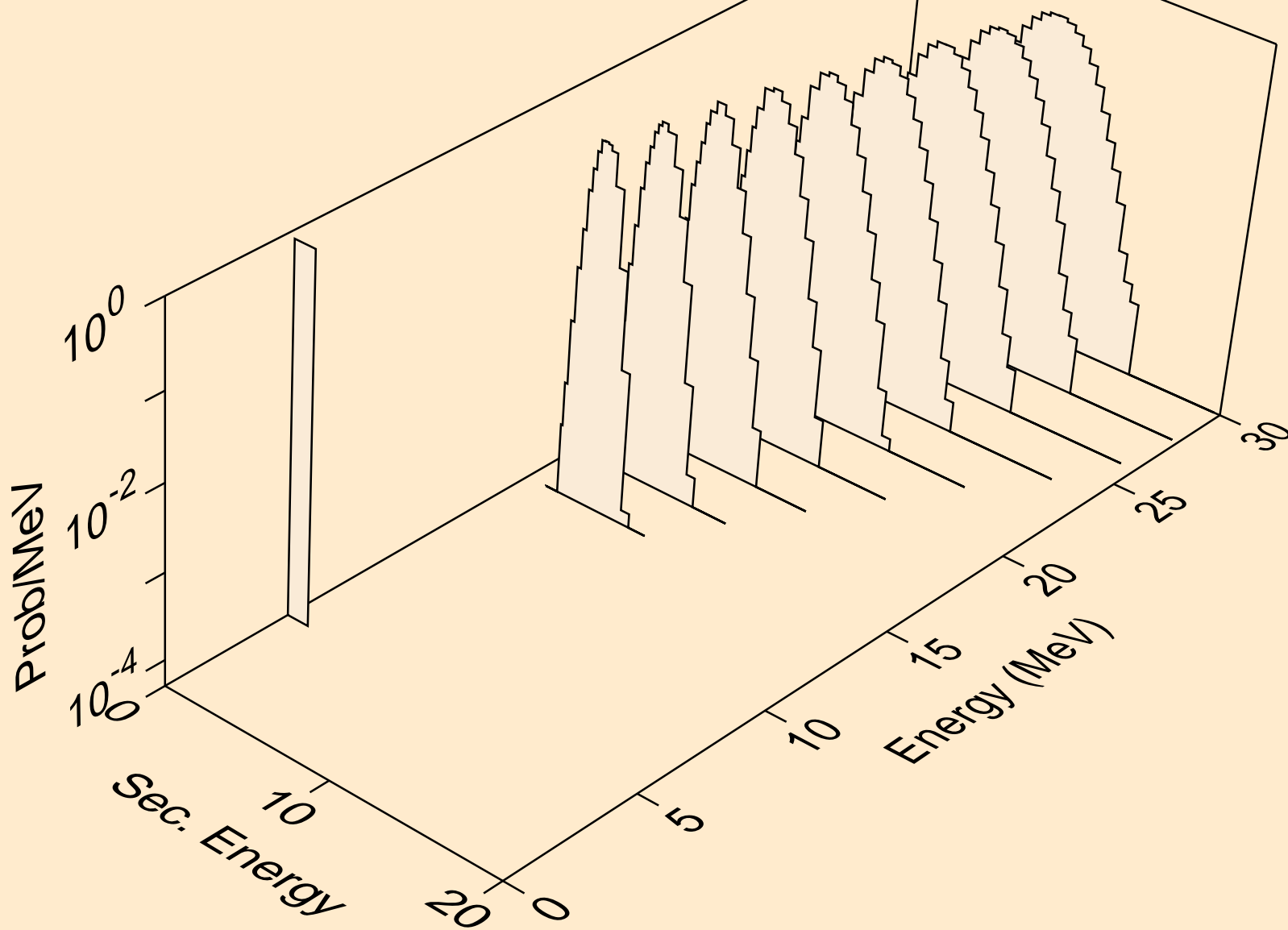
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



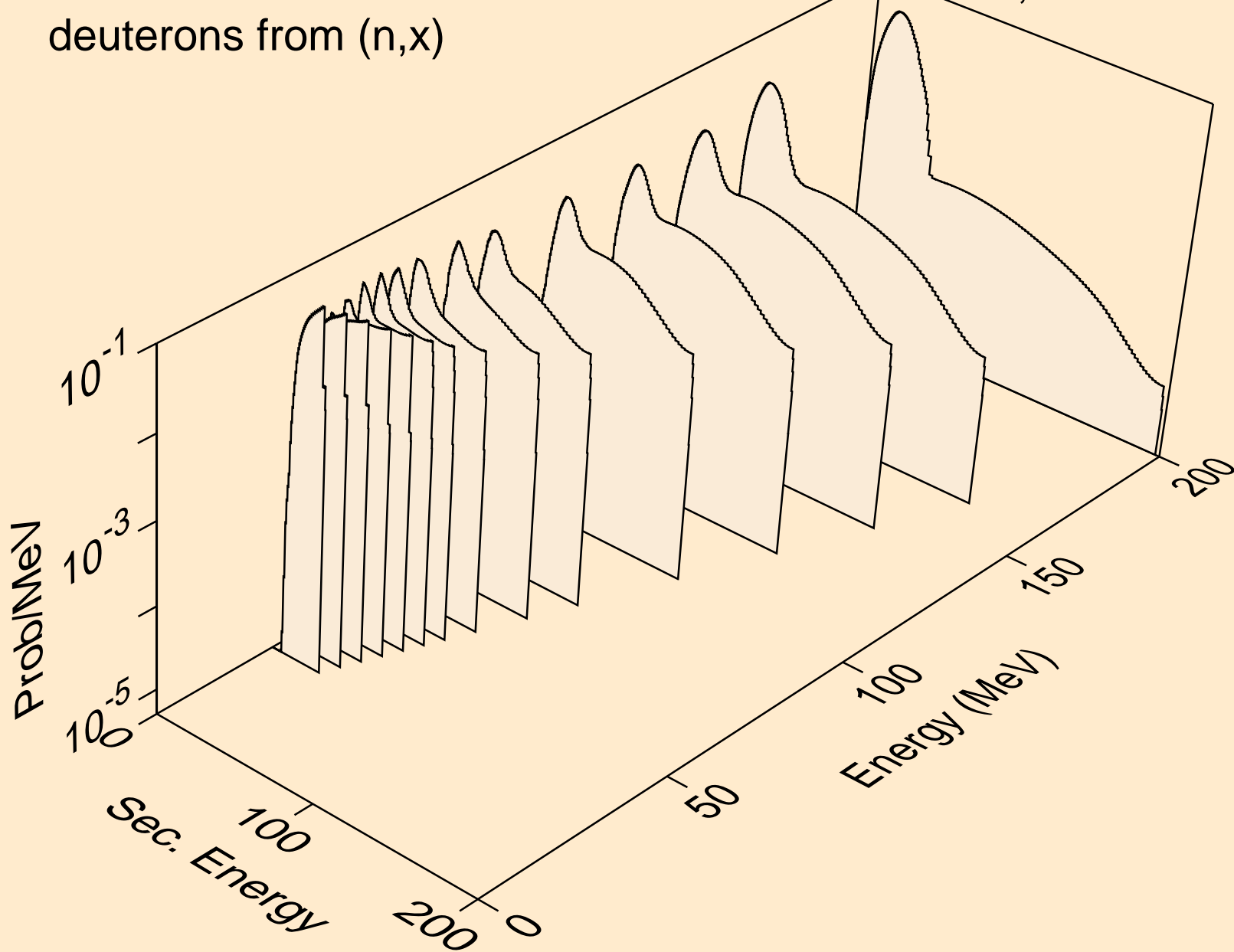
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



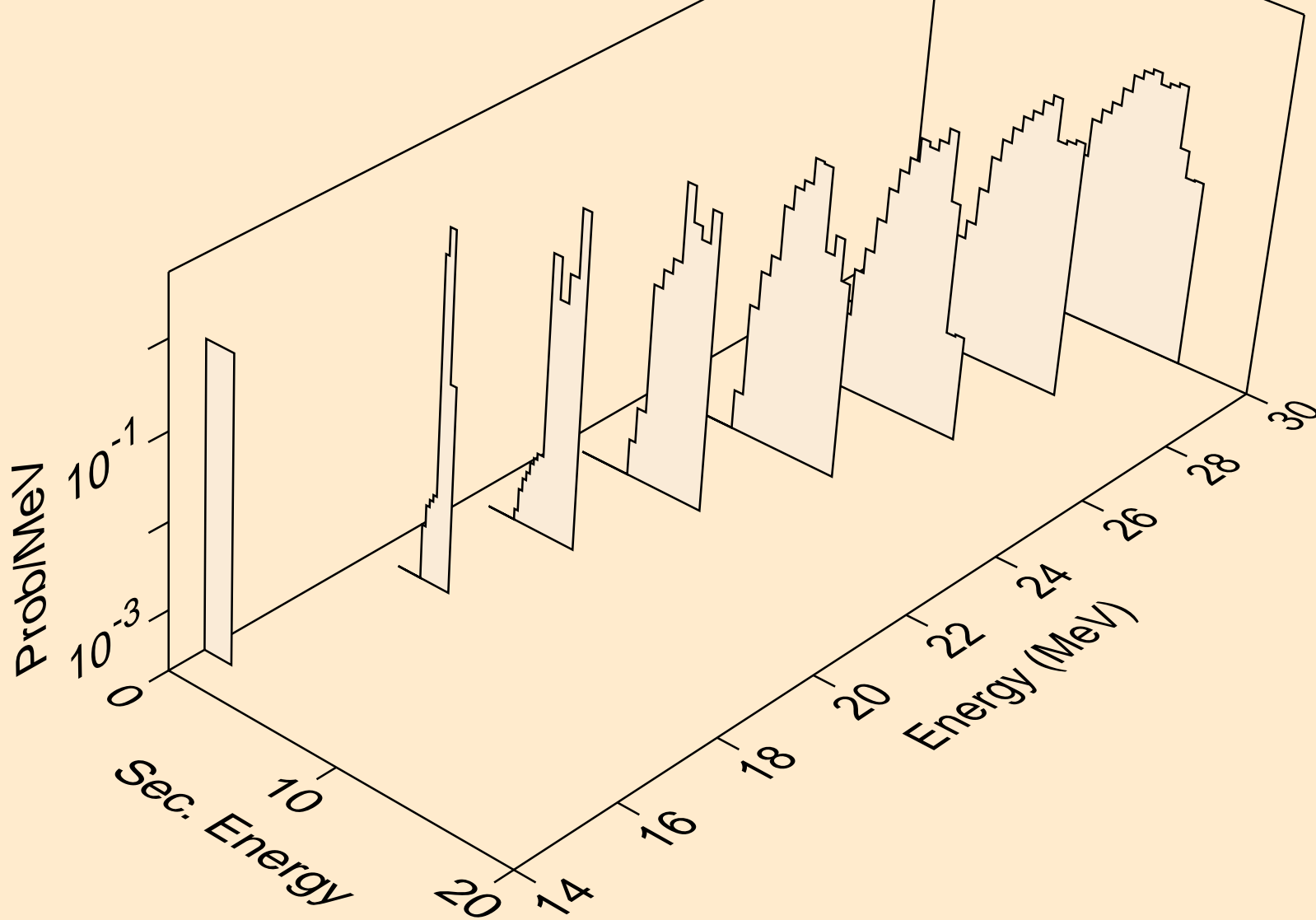
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



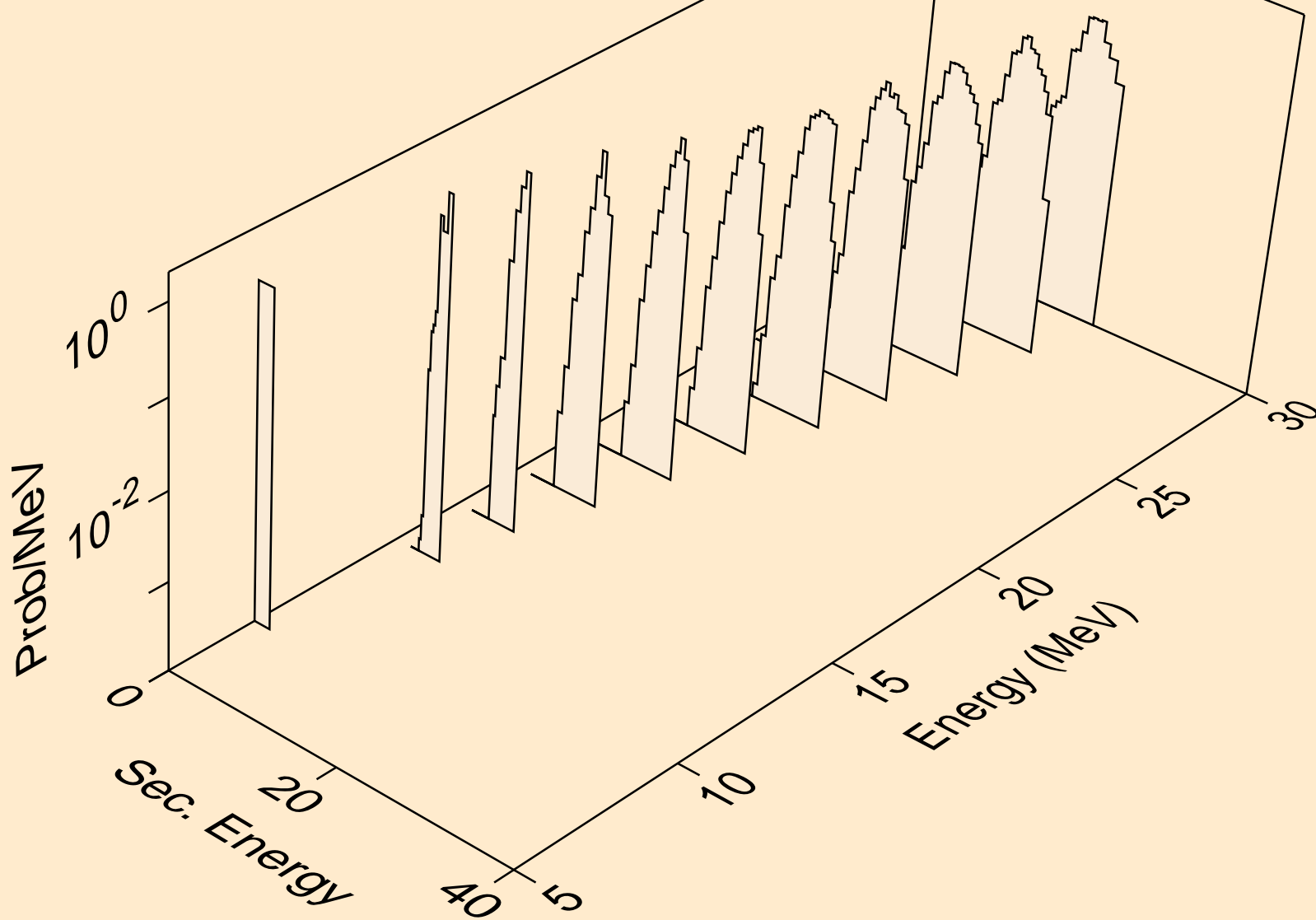
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



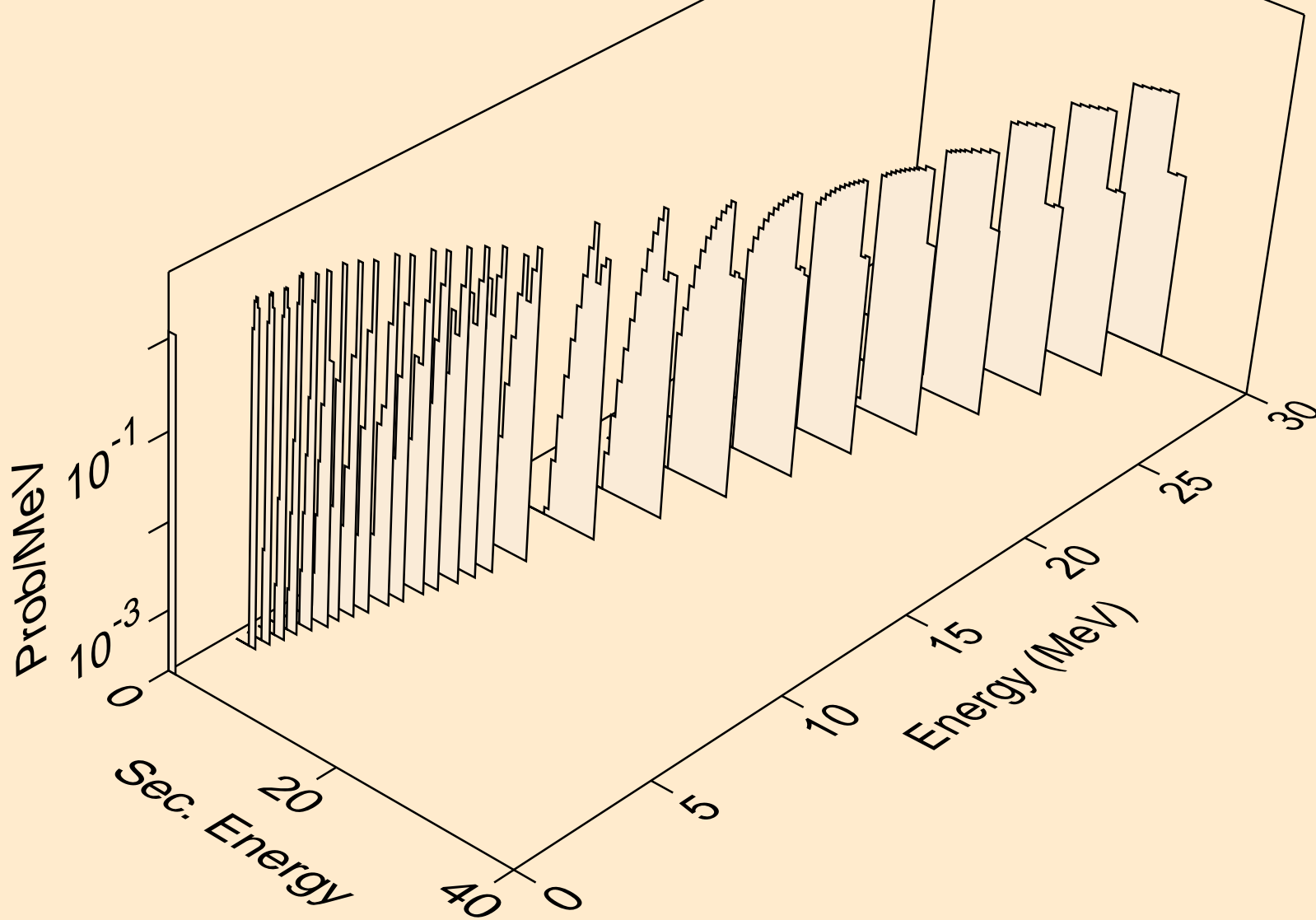
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



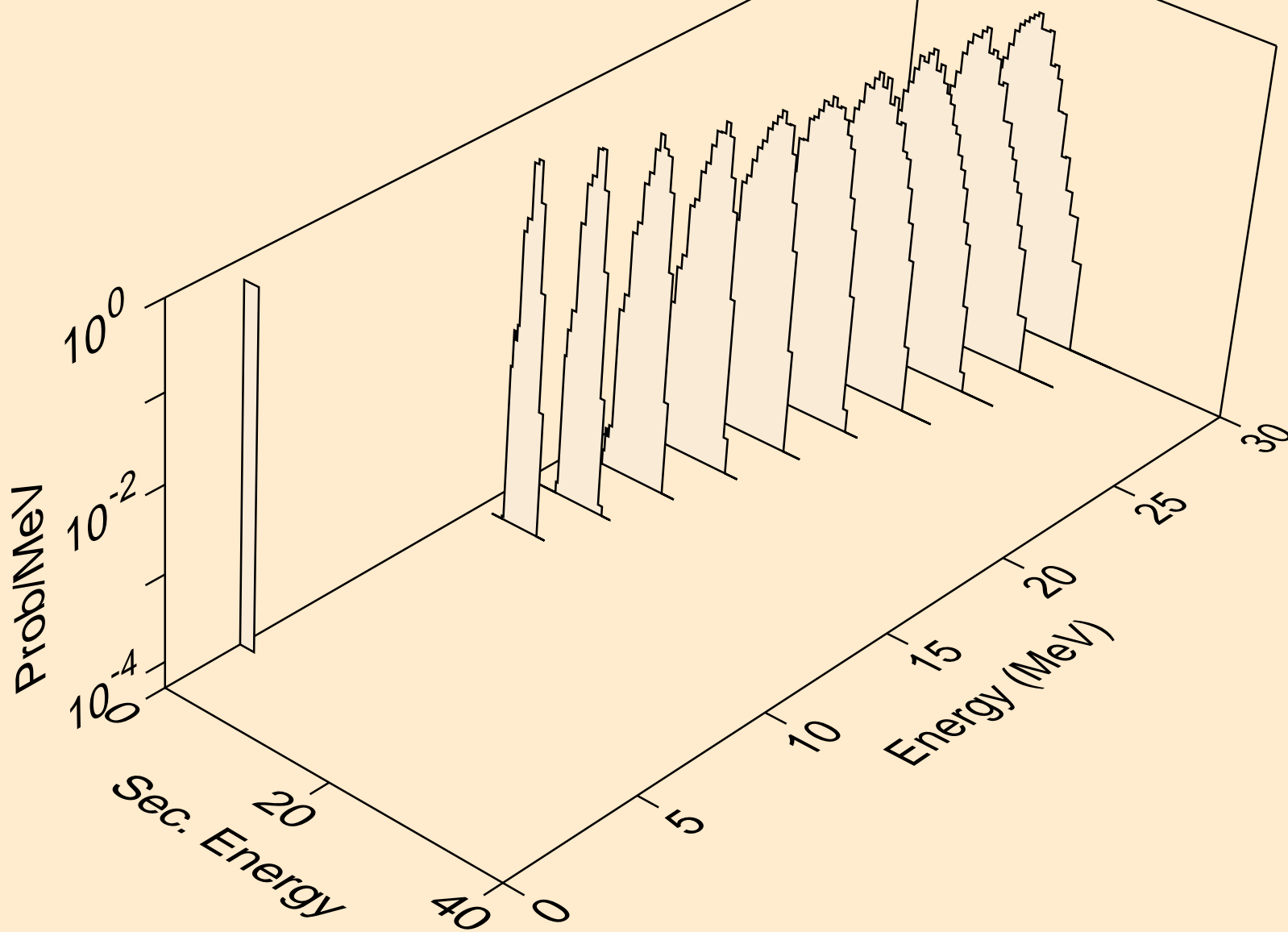
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



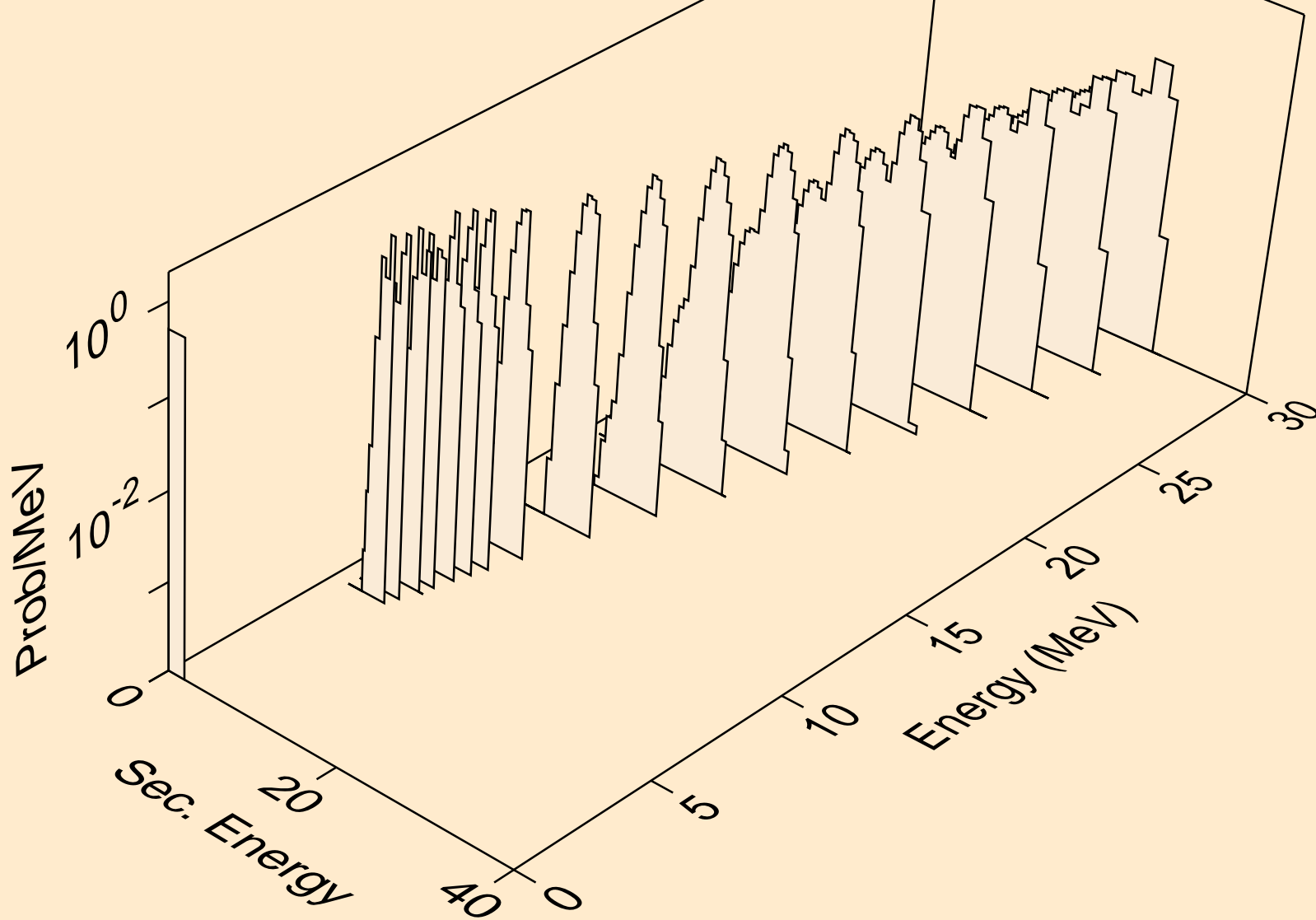
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



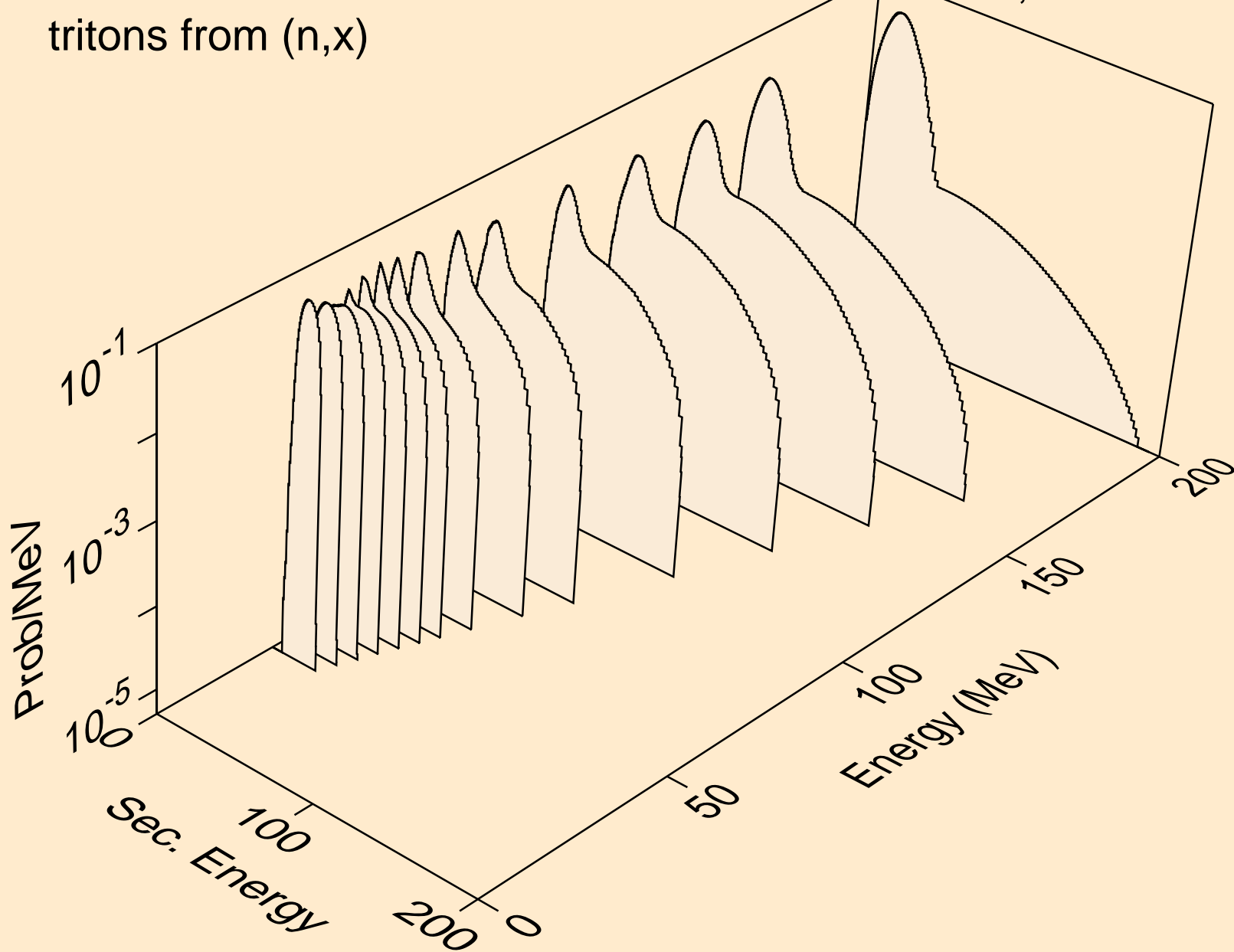
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



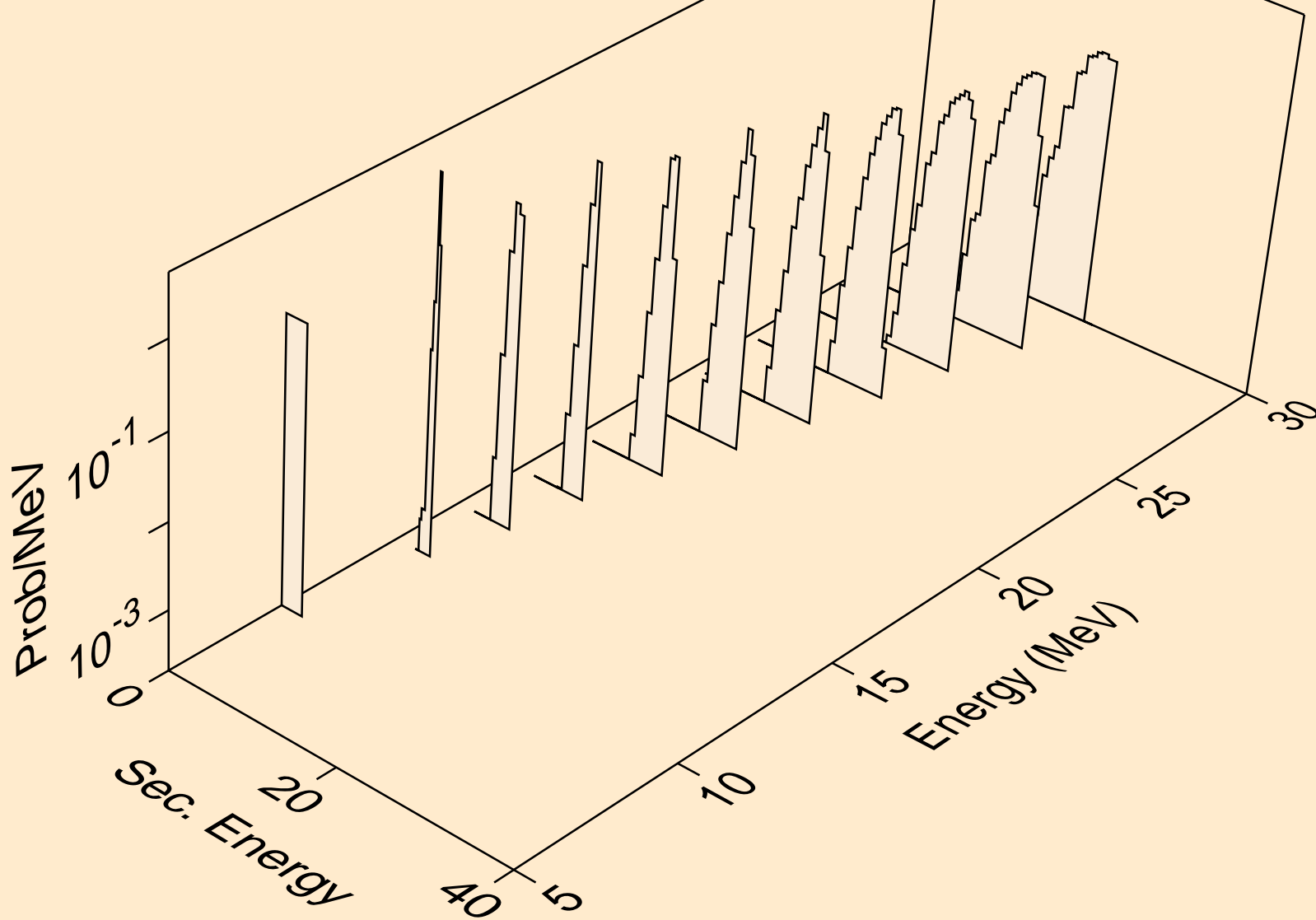
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



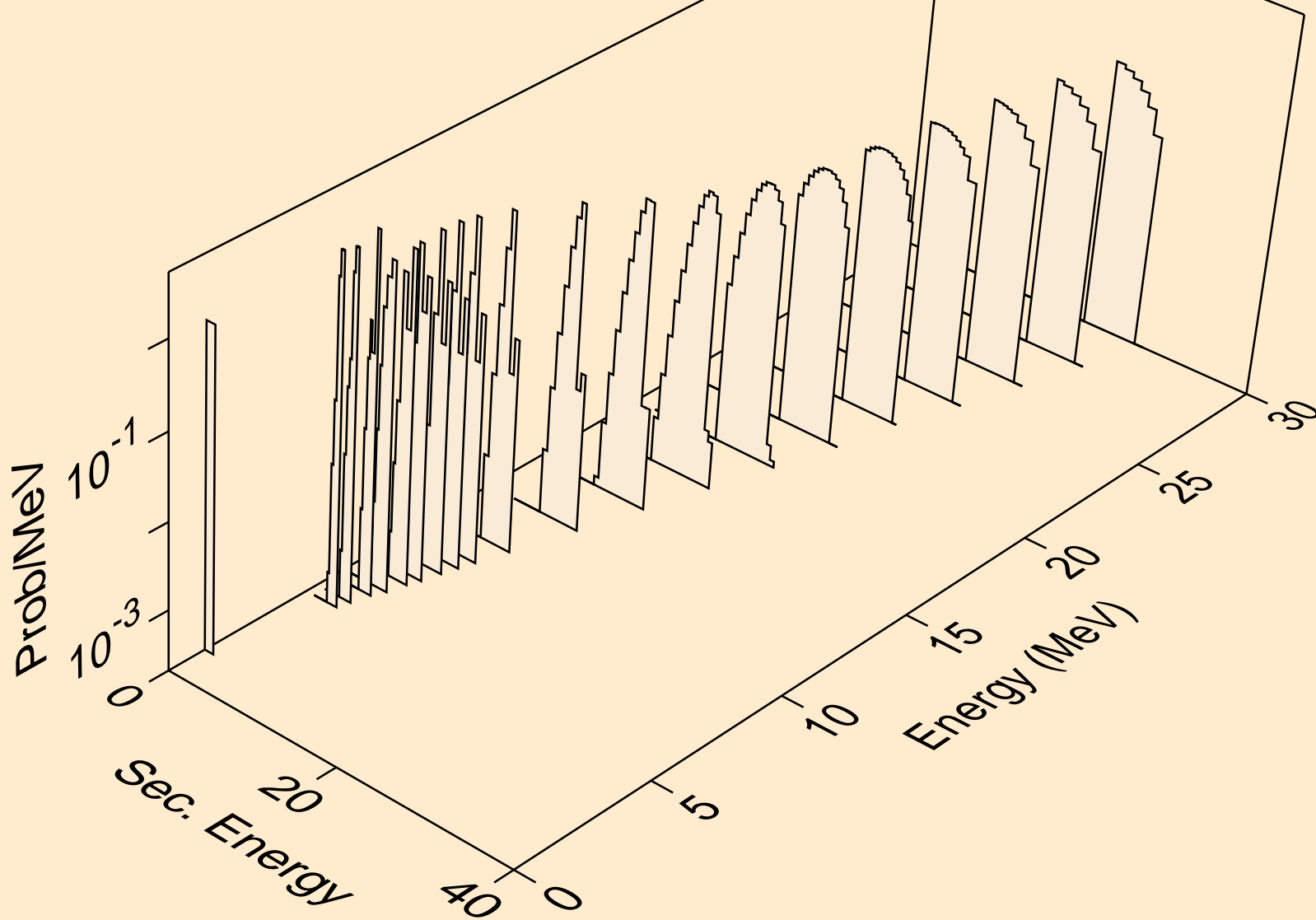
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



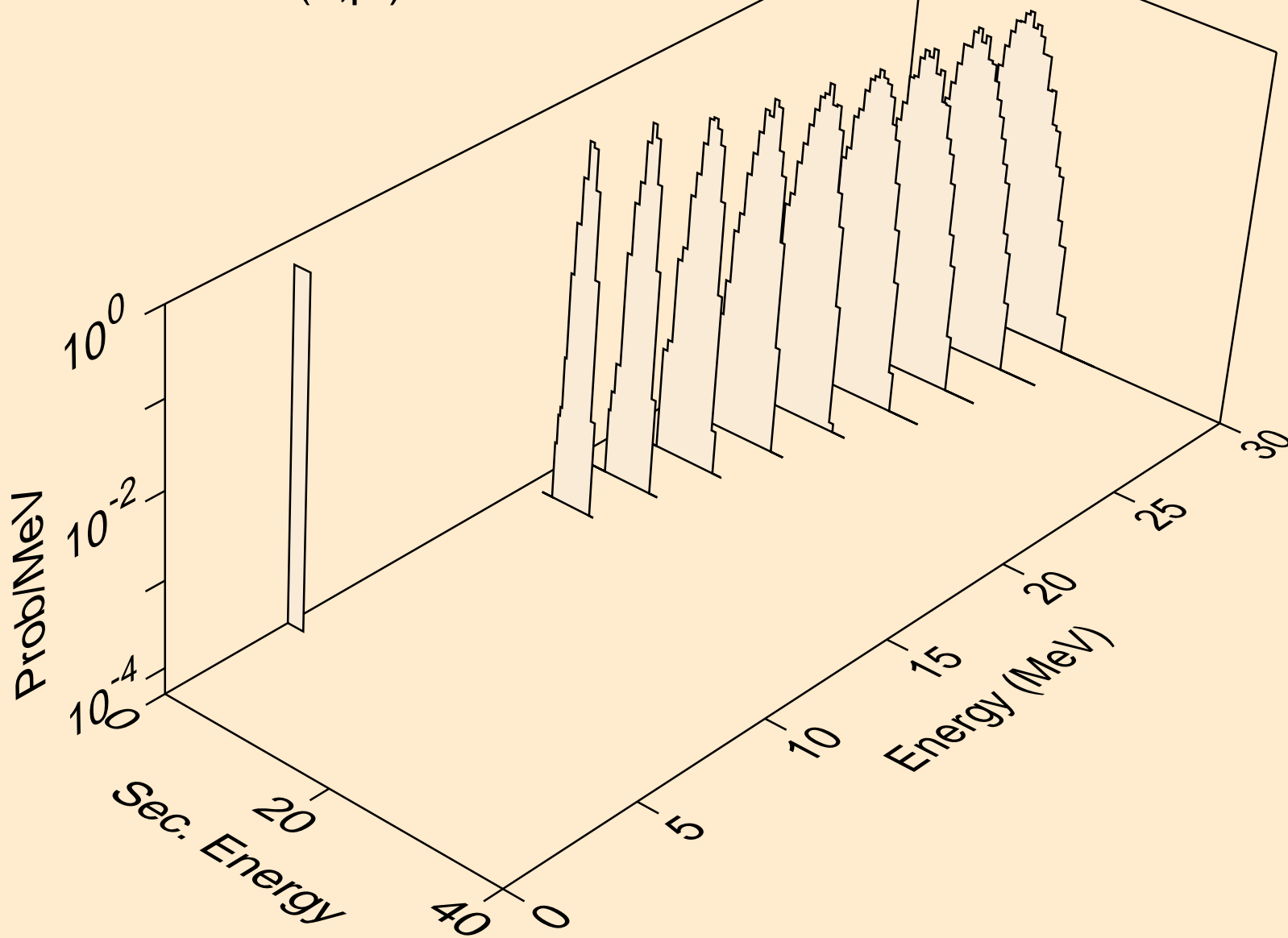
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



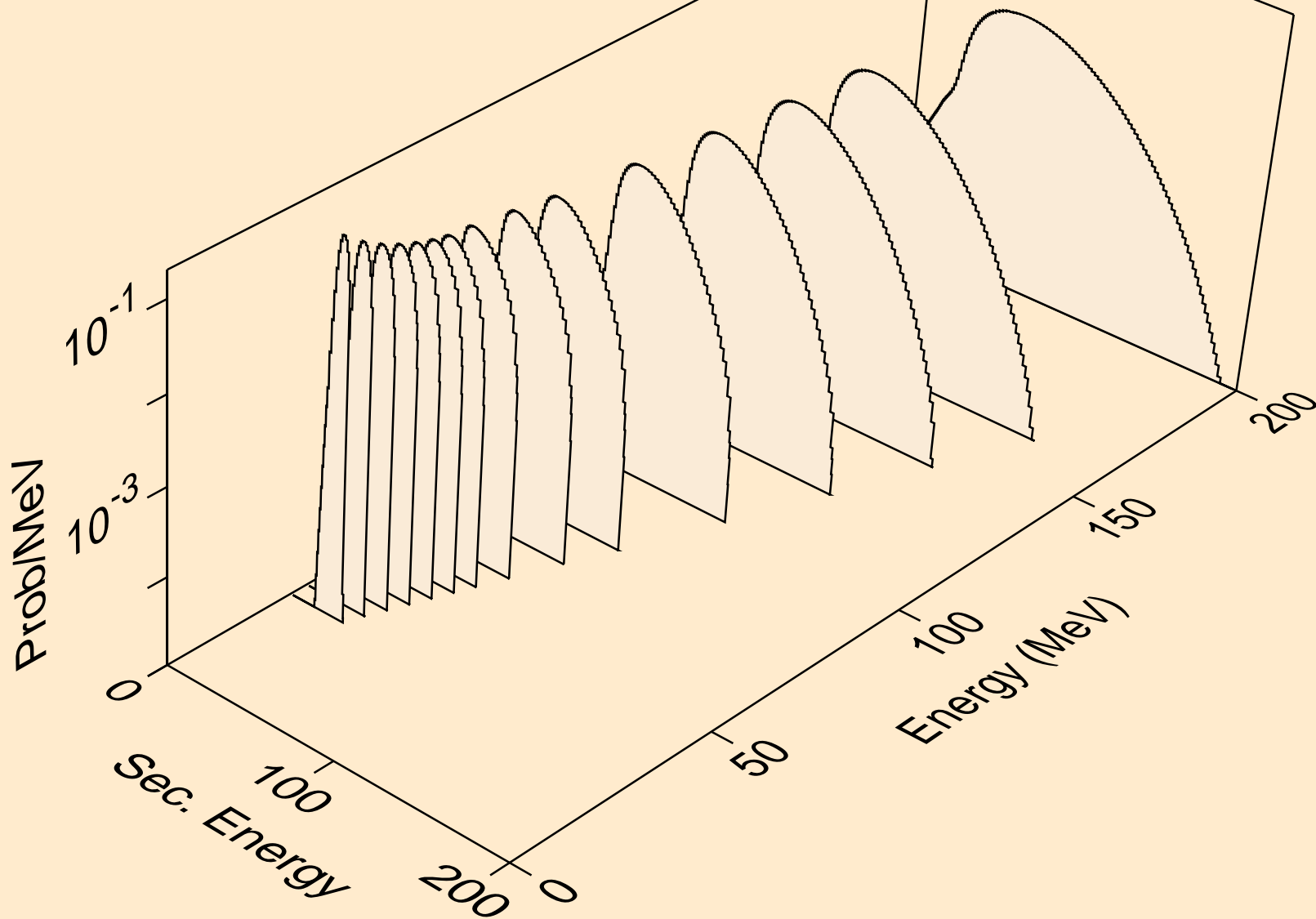
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



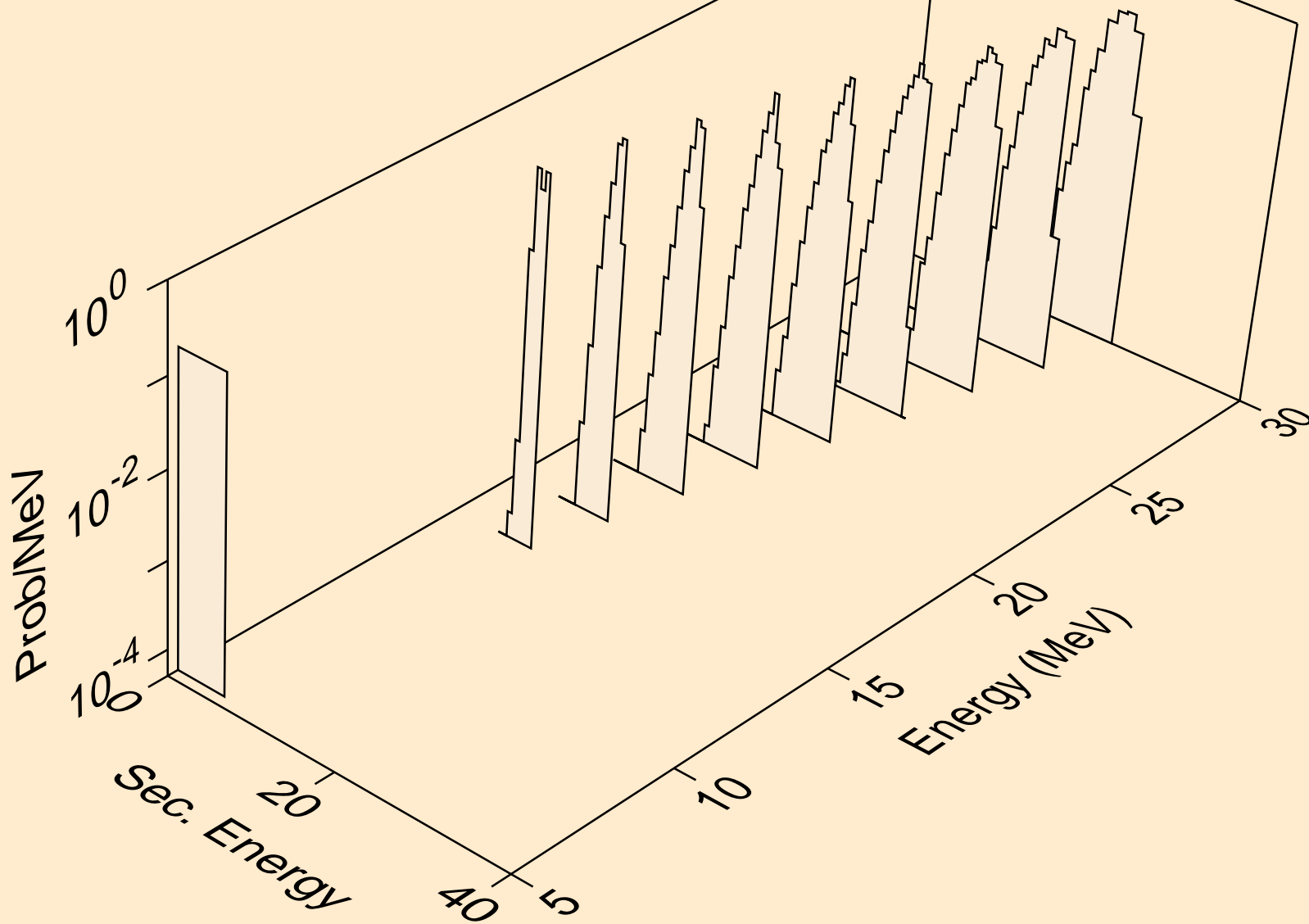
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



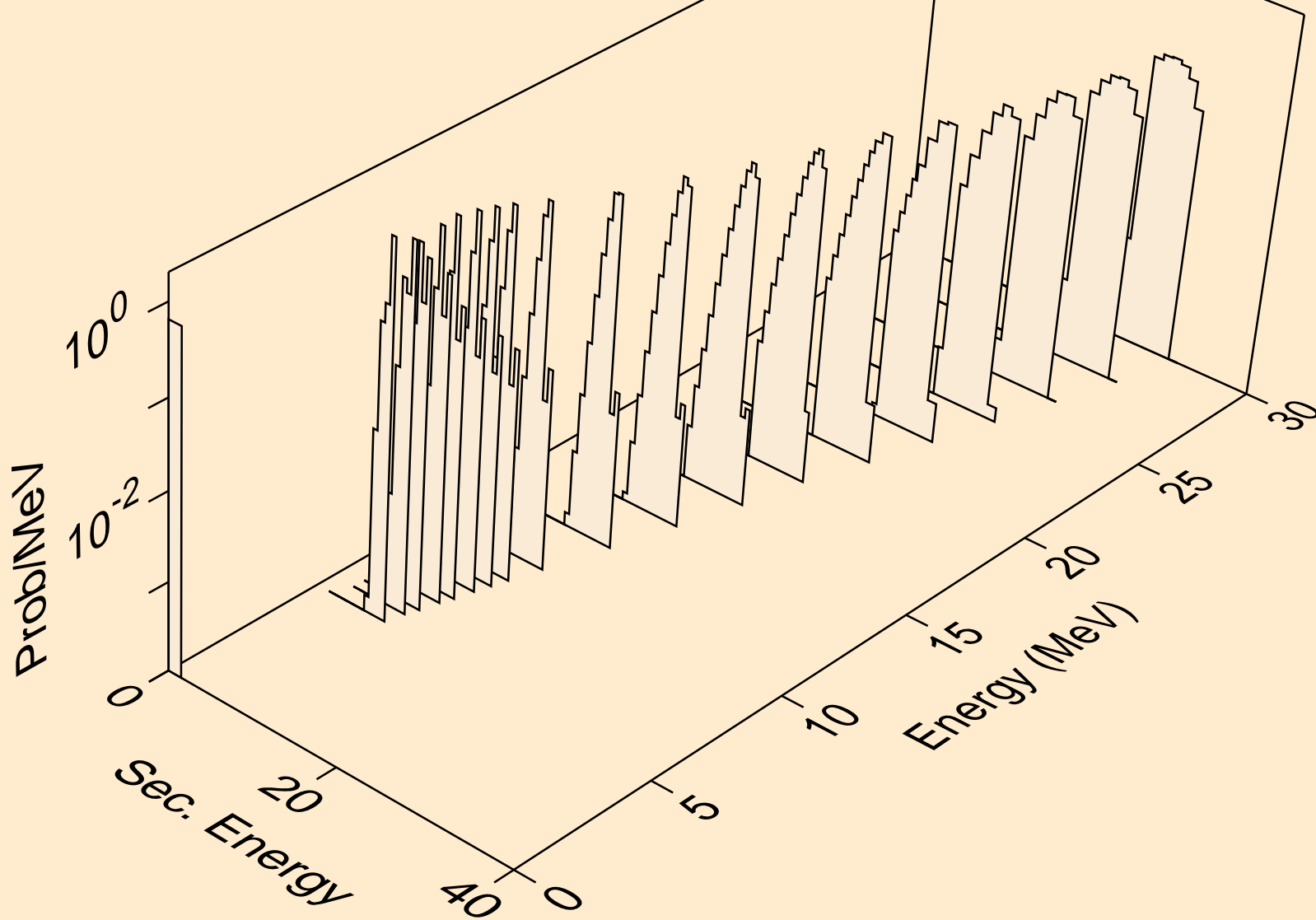
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



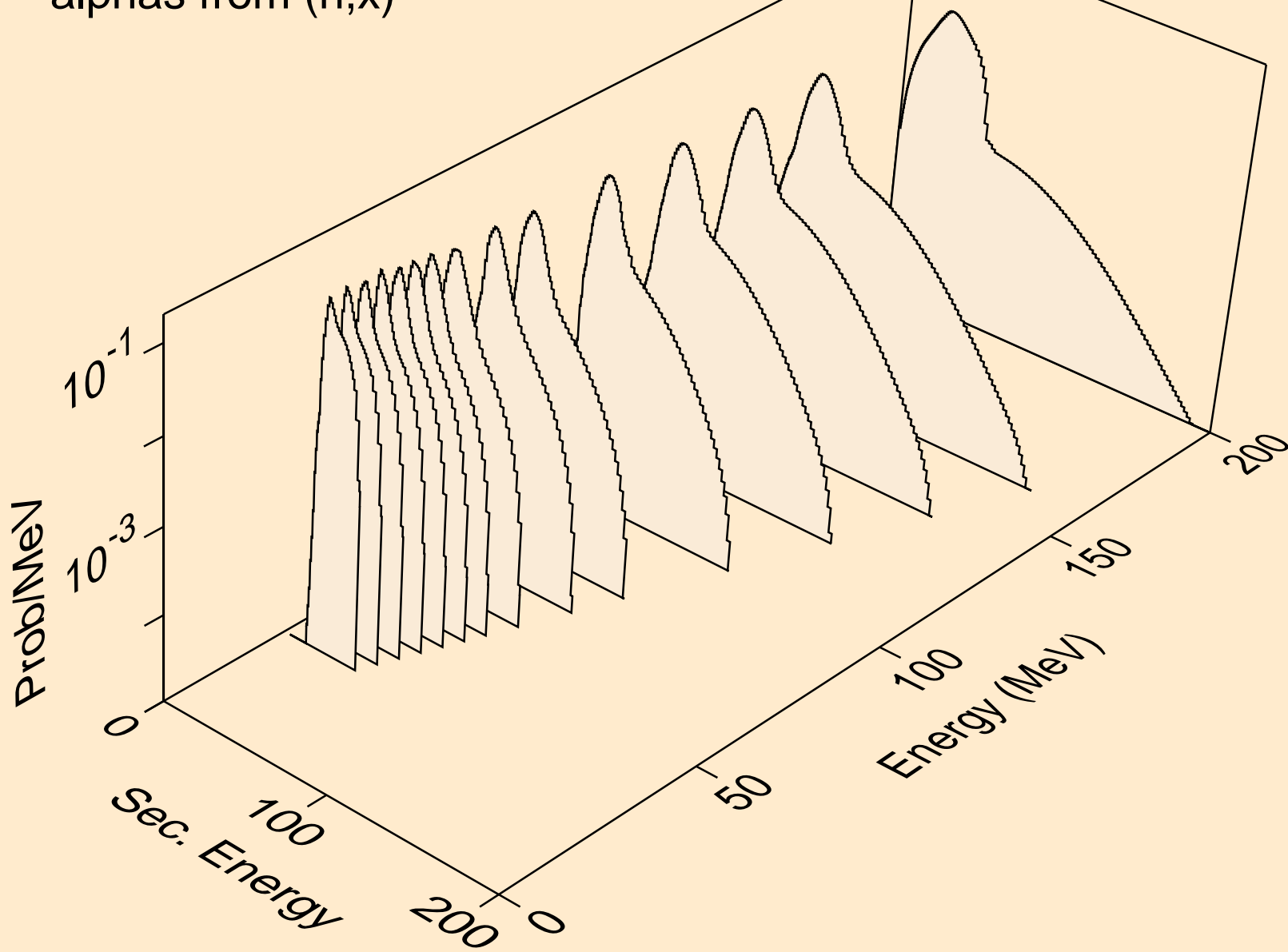
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



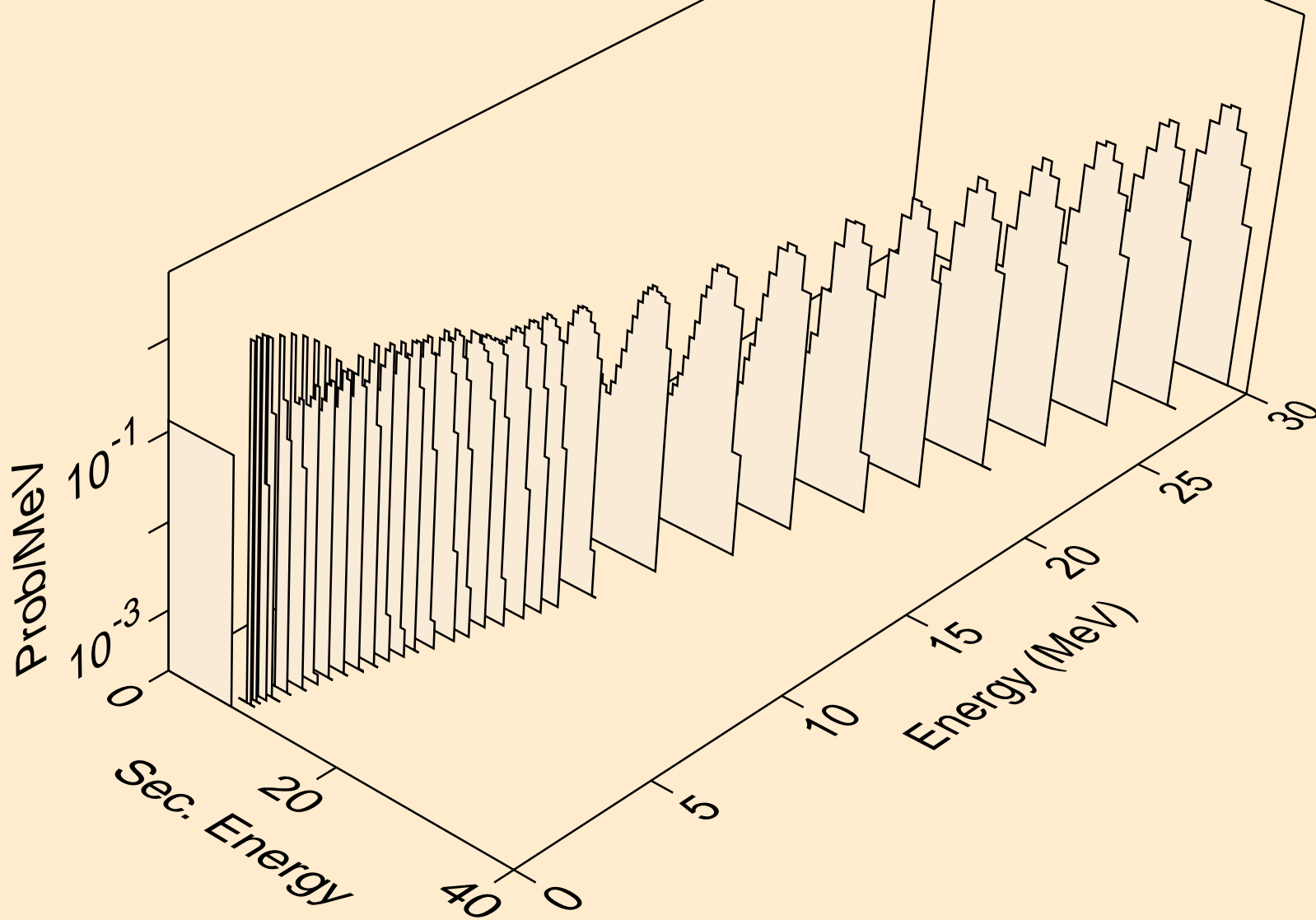
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



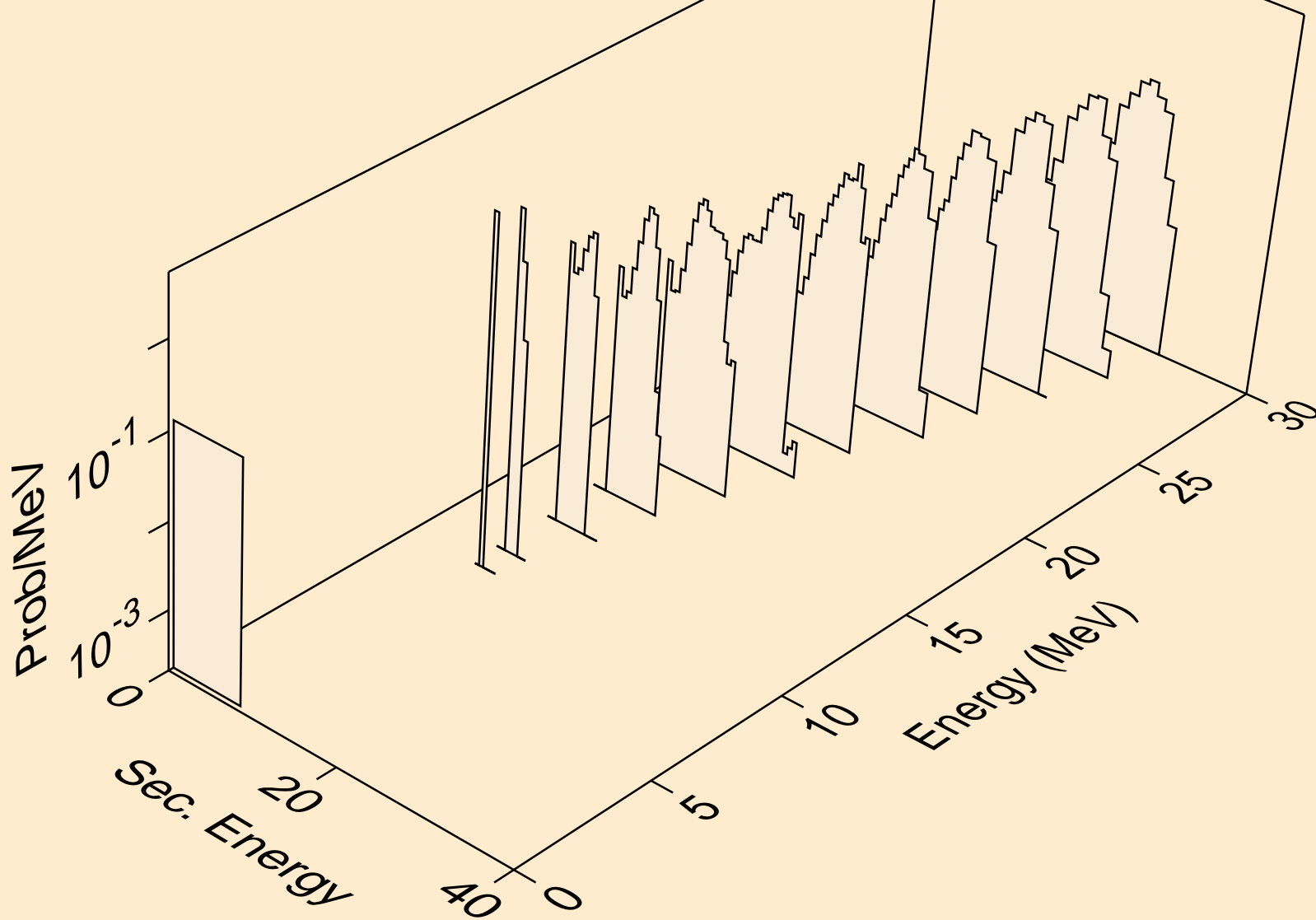
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



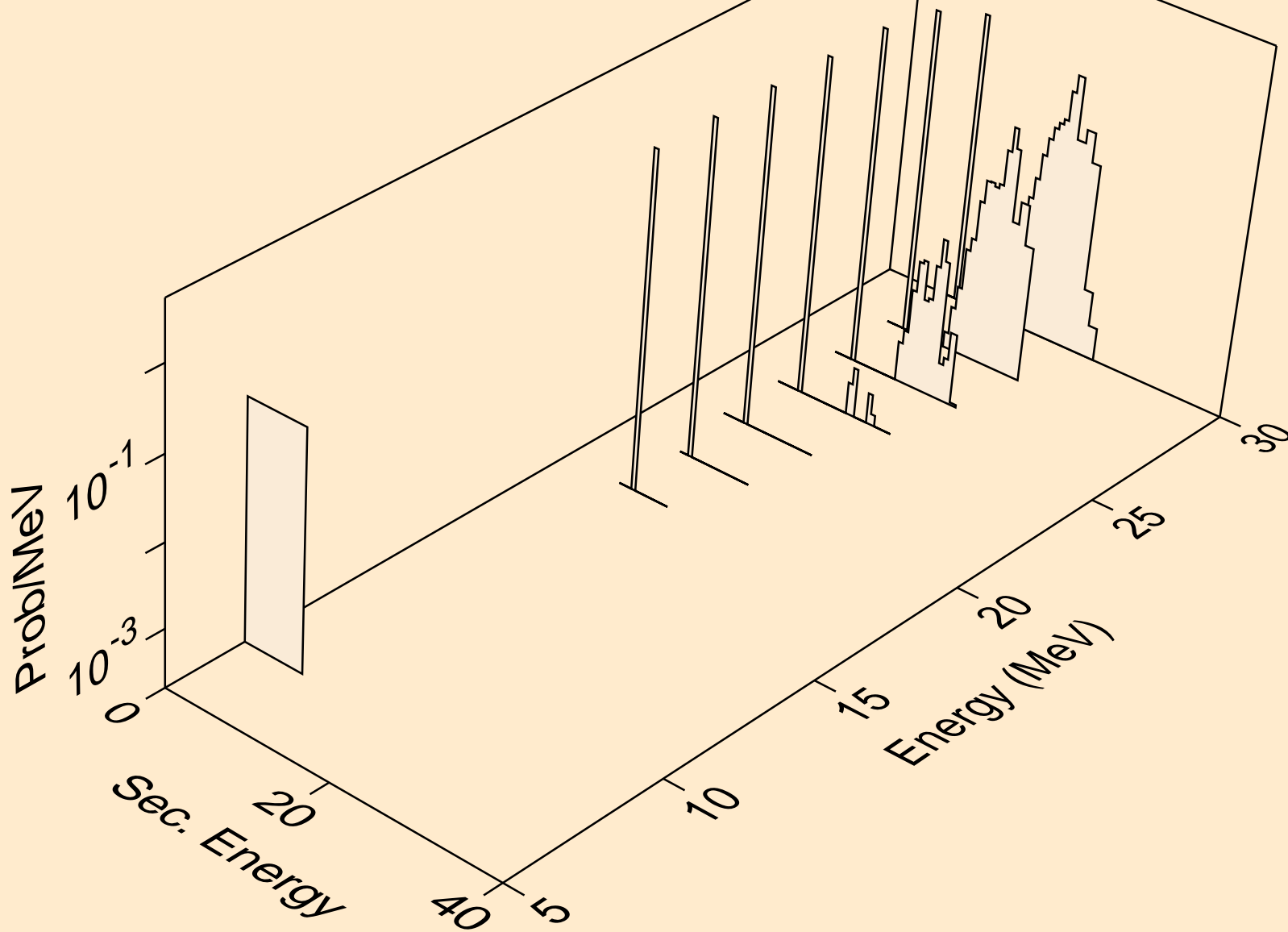
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



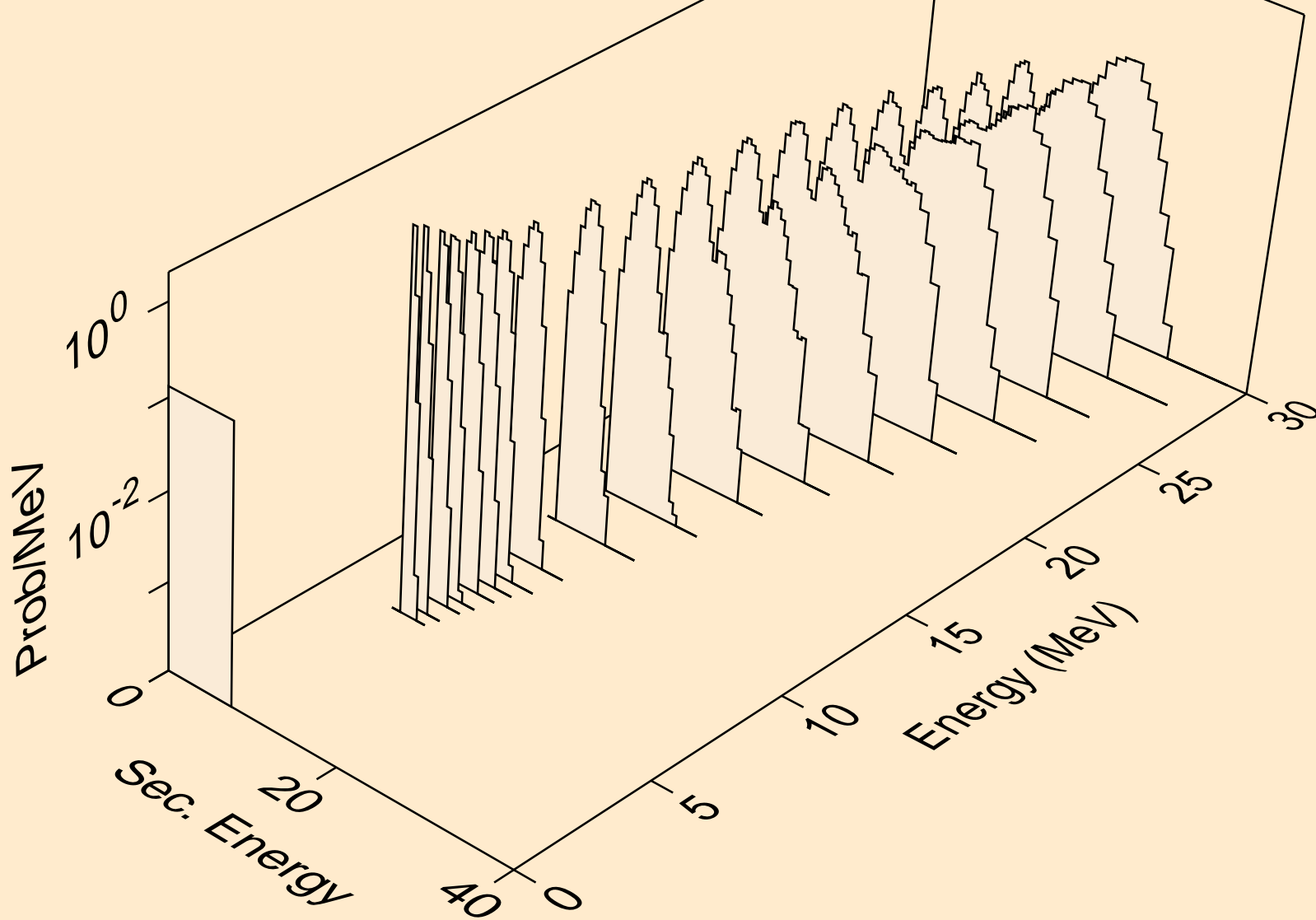
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



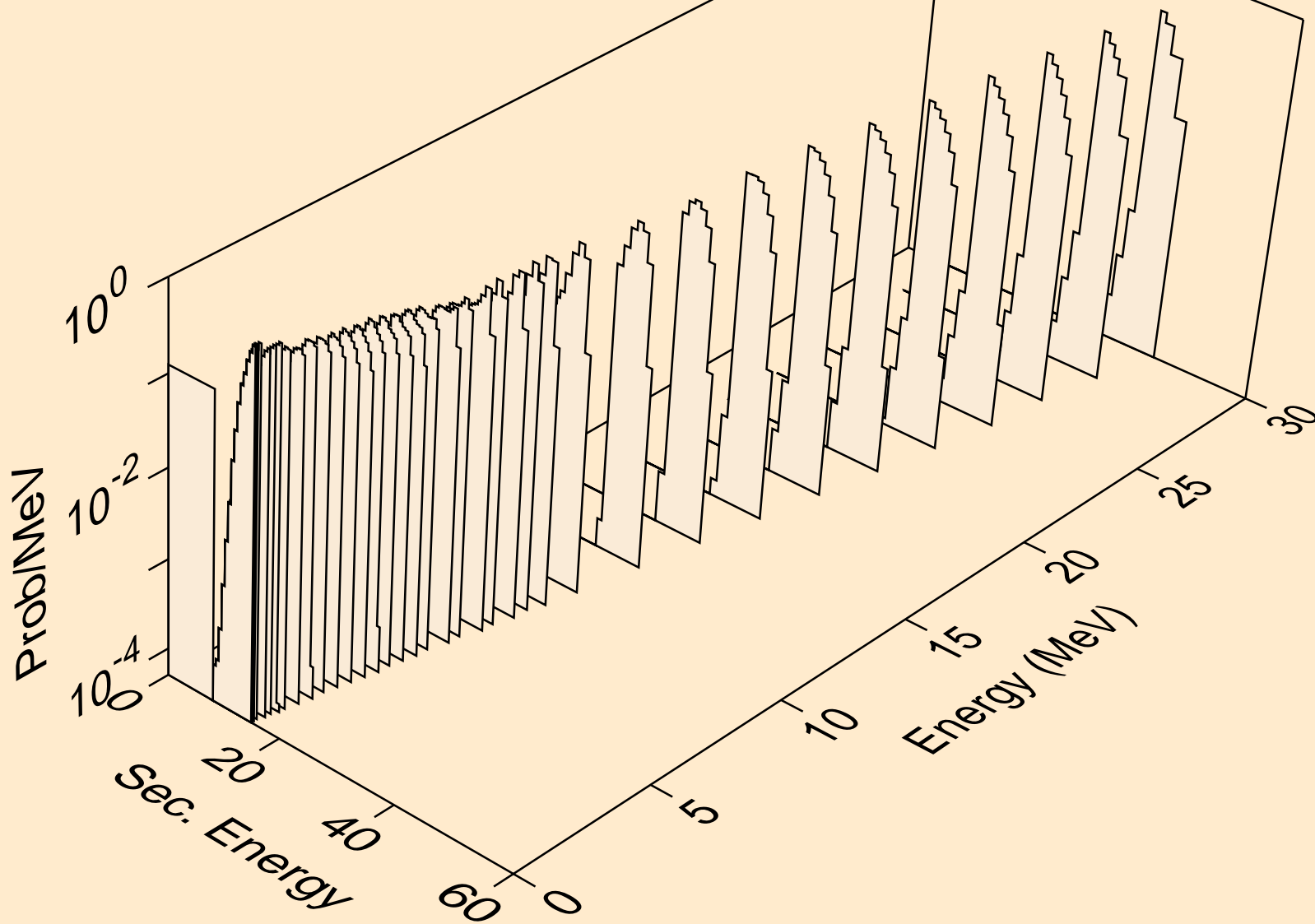
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



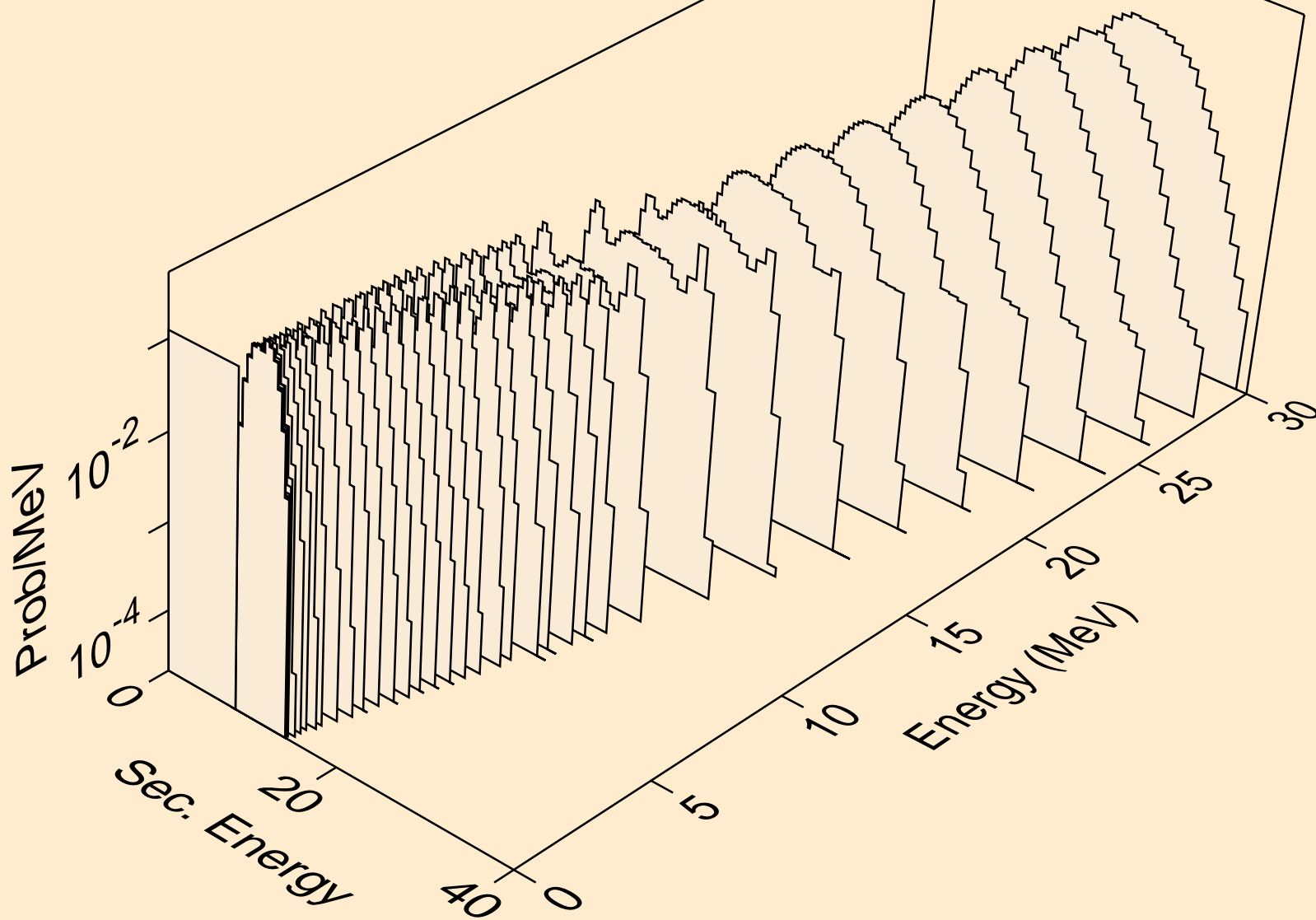
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



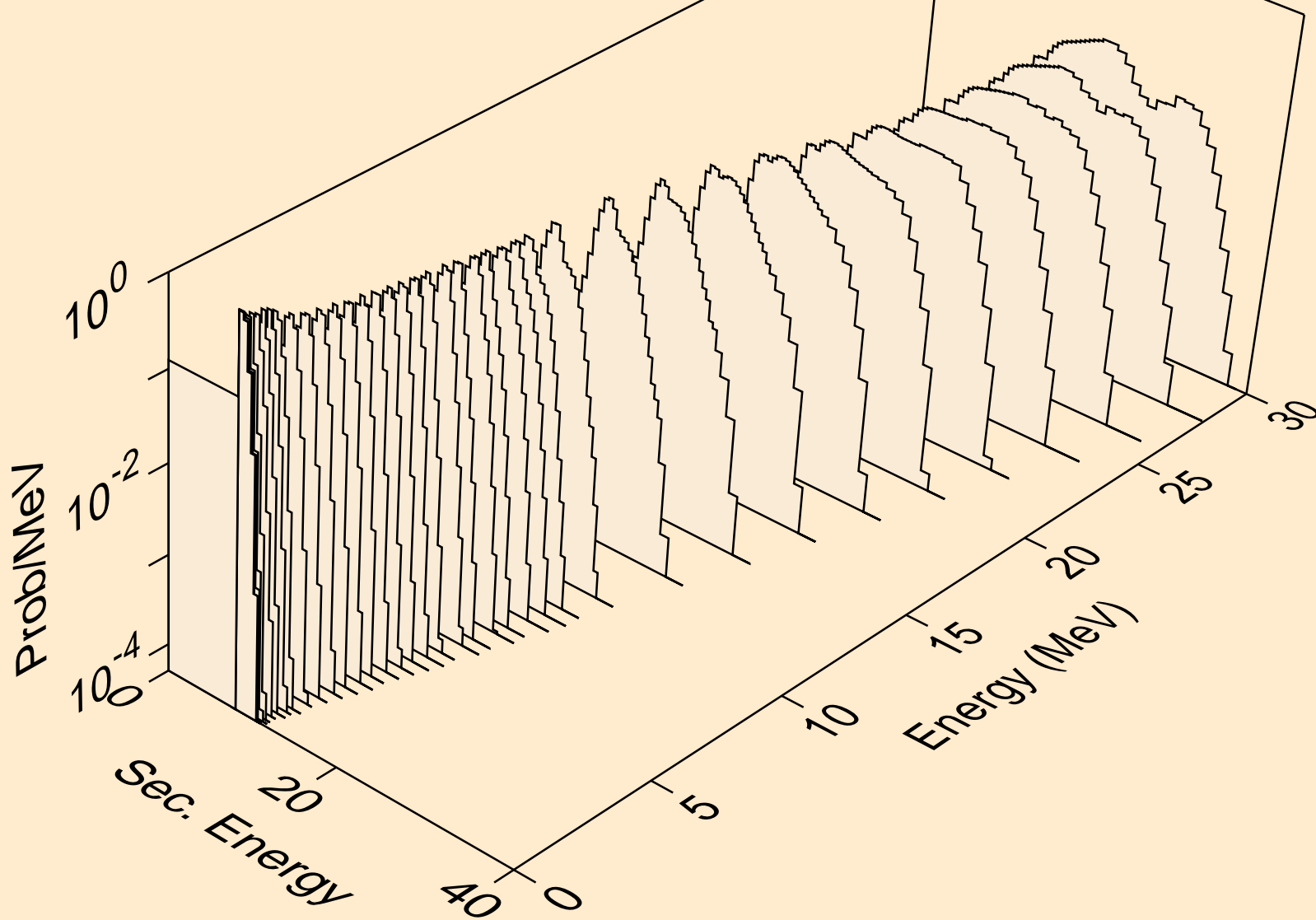
ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



ES241 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

