MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections

- total
- absorption
- elastic
- gamma production

Cross section (barns) vs Energy (MeV)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Heating

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
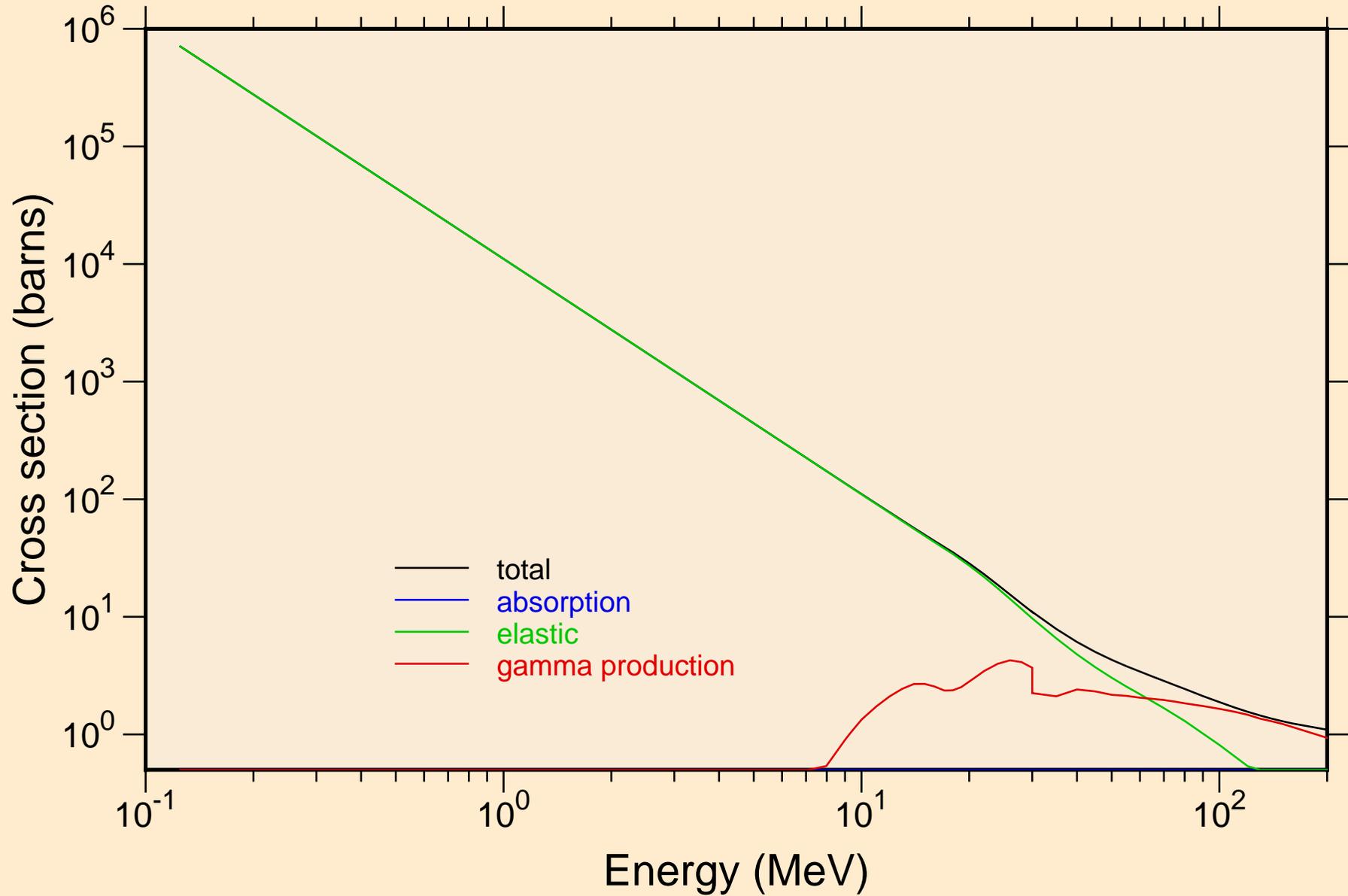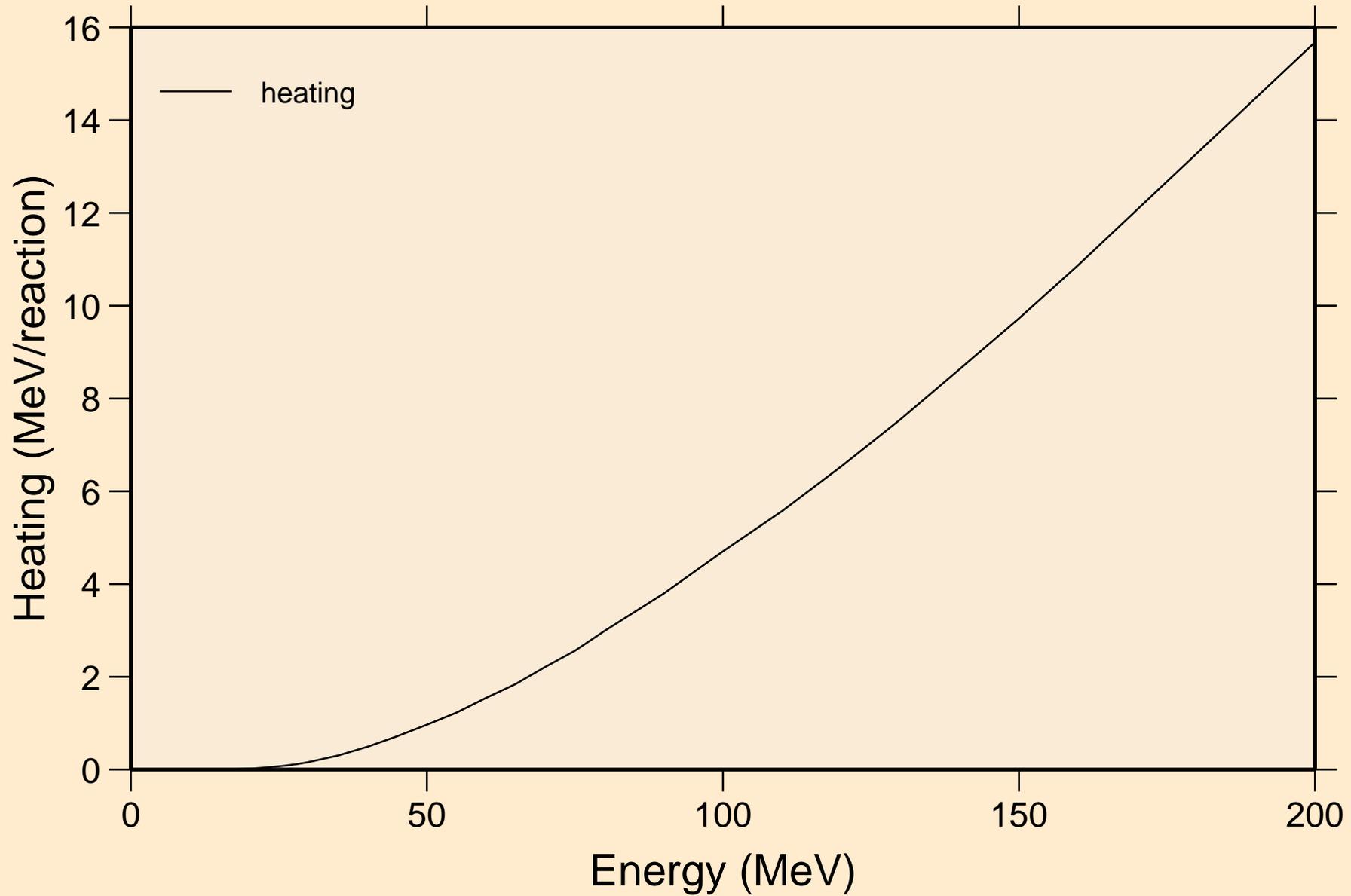Principal cross sections
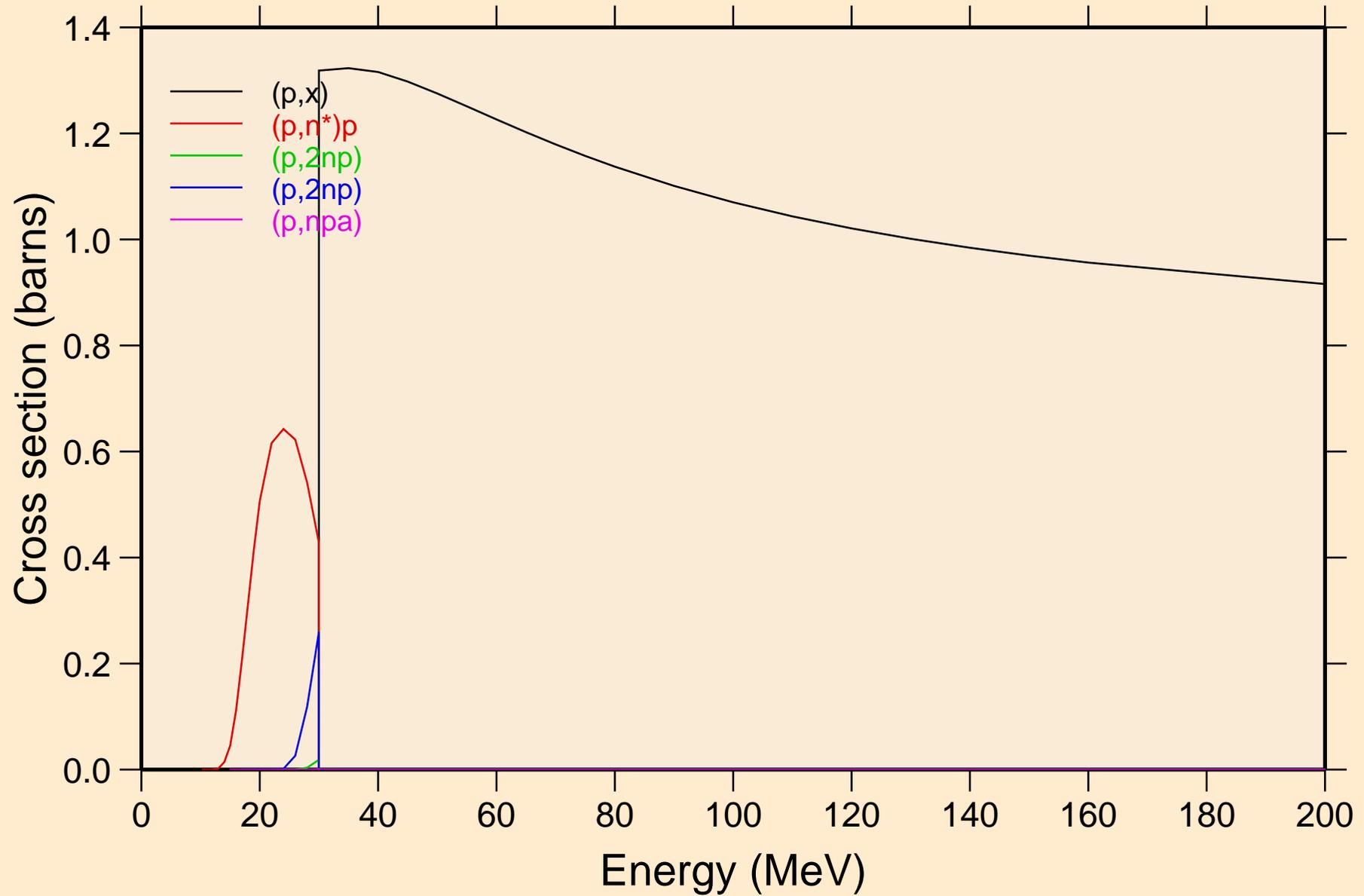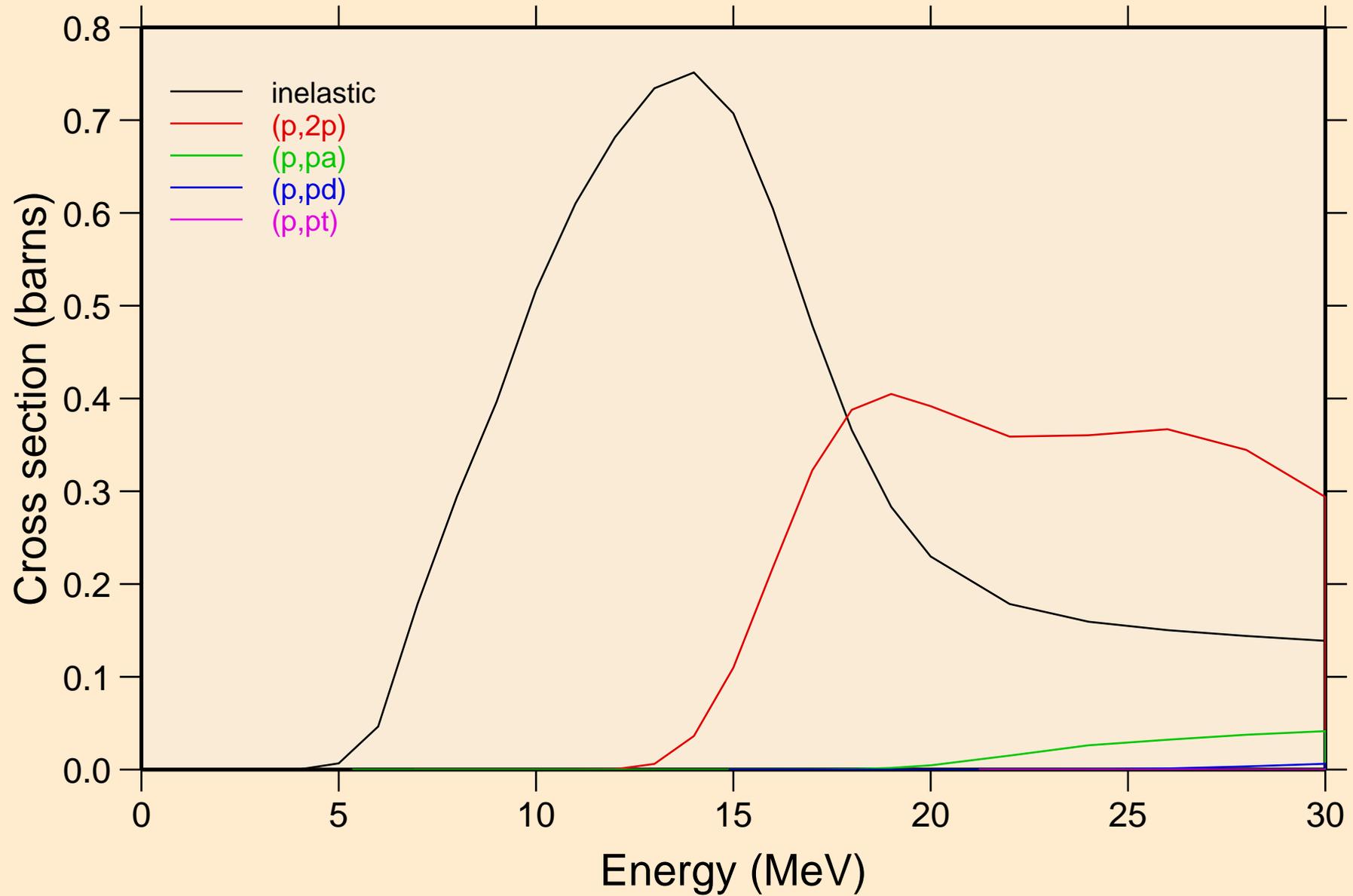
total
absorption
elastic
gamma production

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Heating

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

- (p,x)
- (p,n*)p
- (p,2np)
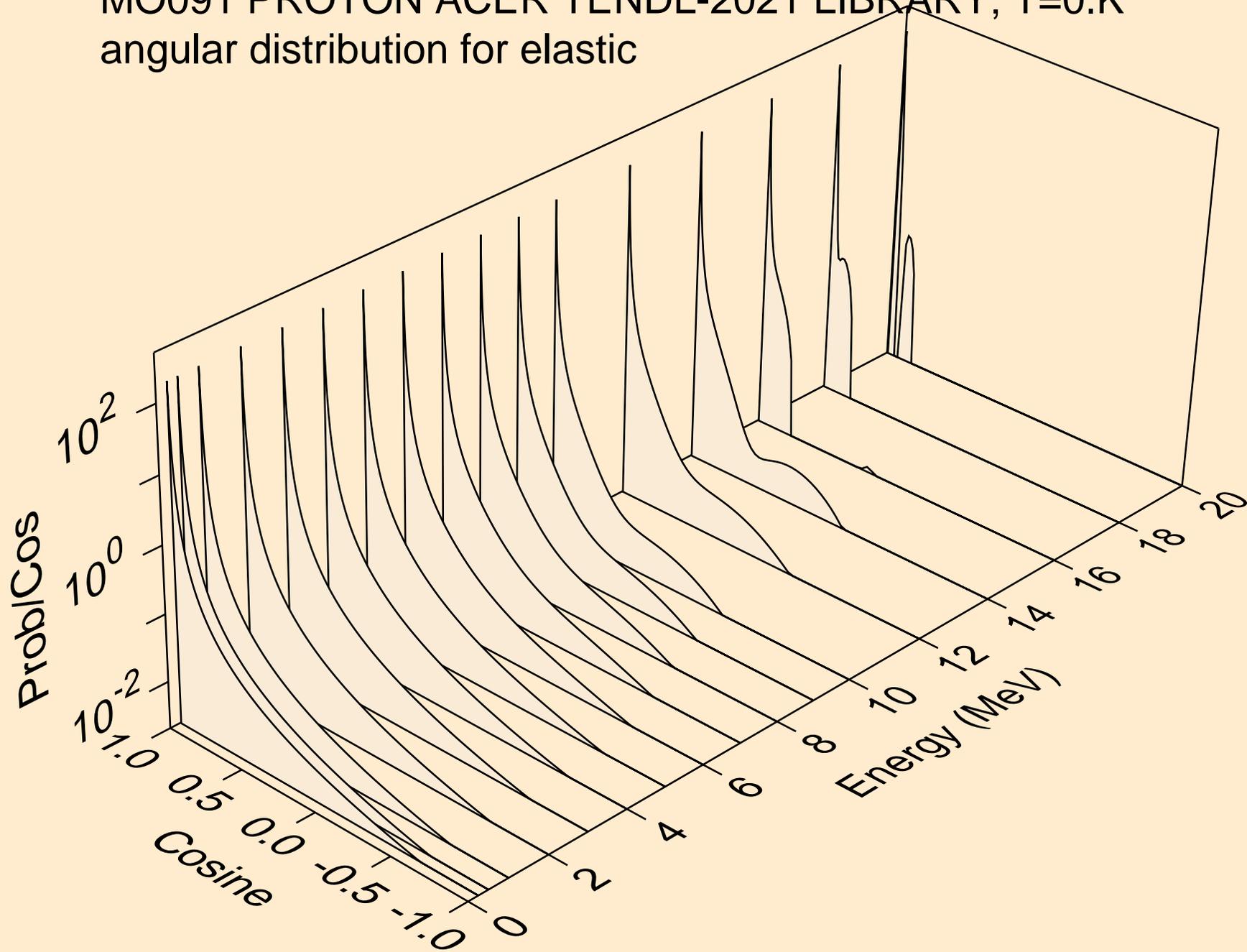- (p,2np)
- (p,npa)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

- inelastic
- (p,2p)
- (p,pa)
- (p,pd)
- (p,pt)
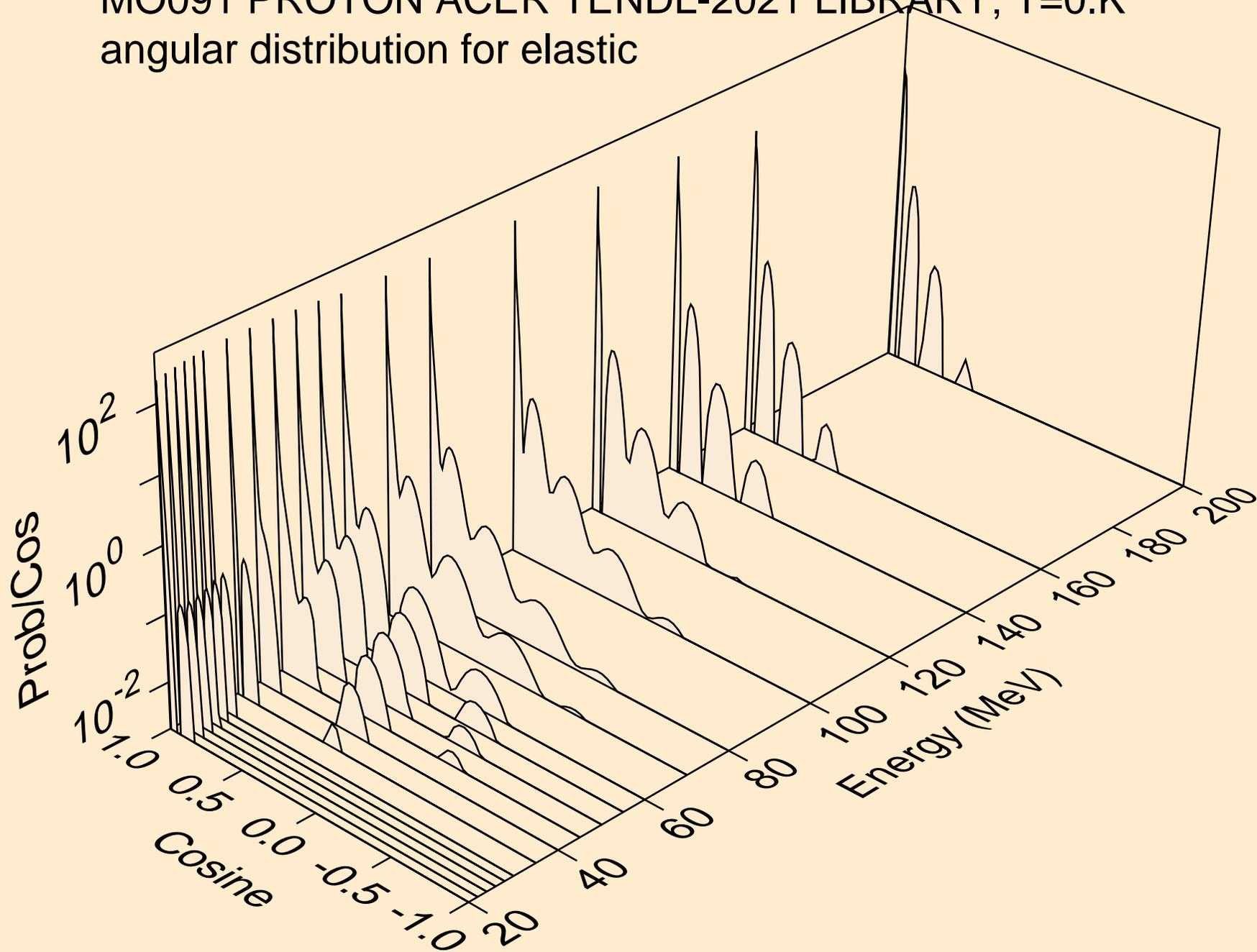
Cross section (barns)

Energy (MeV)

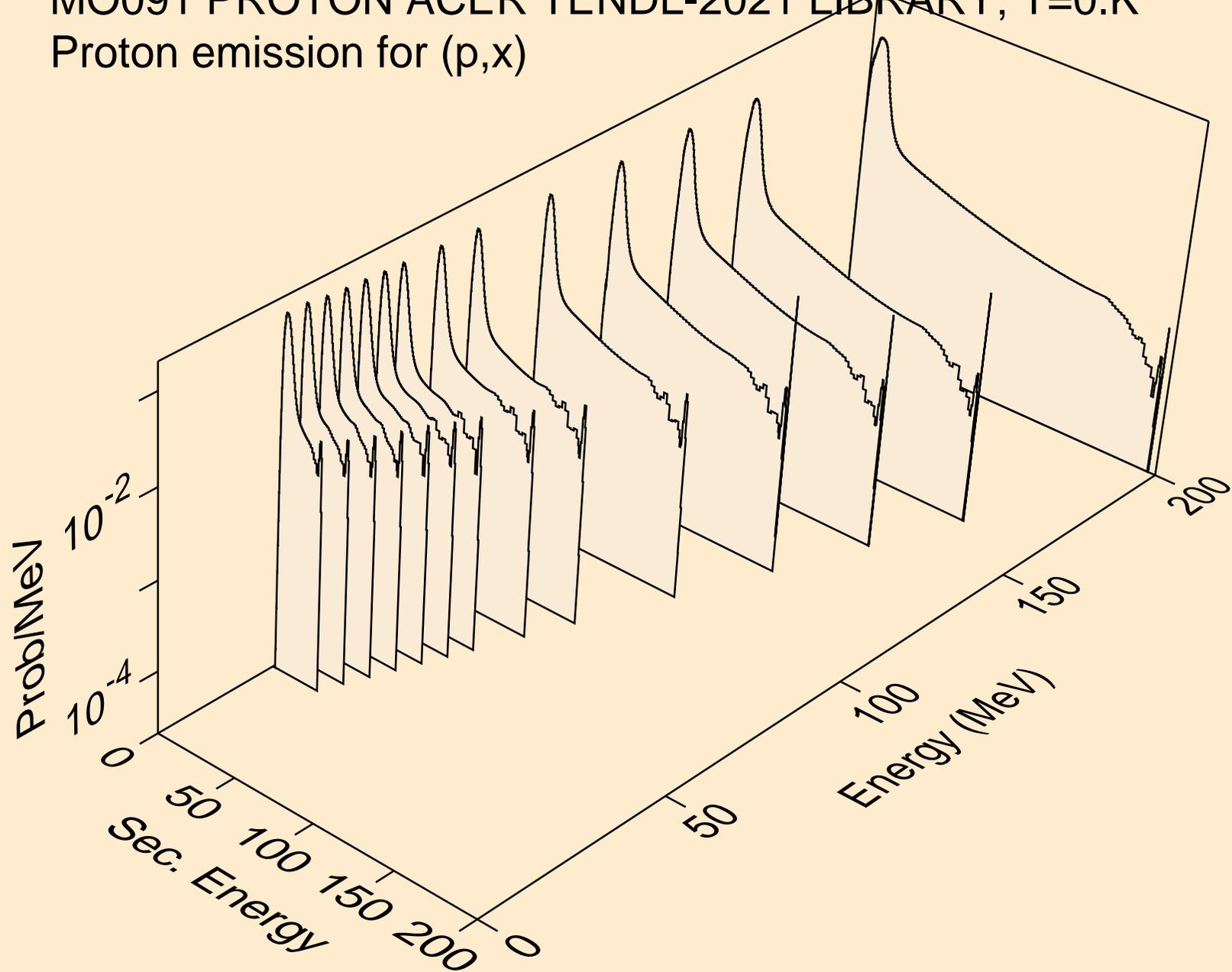MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
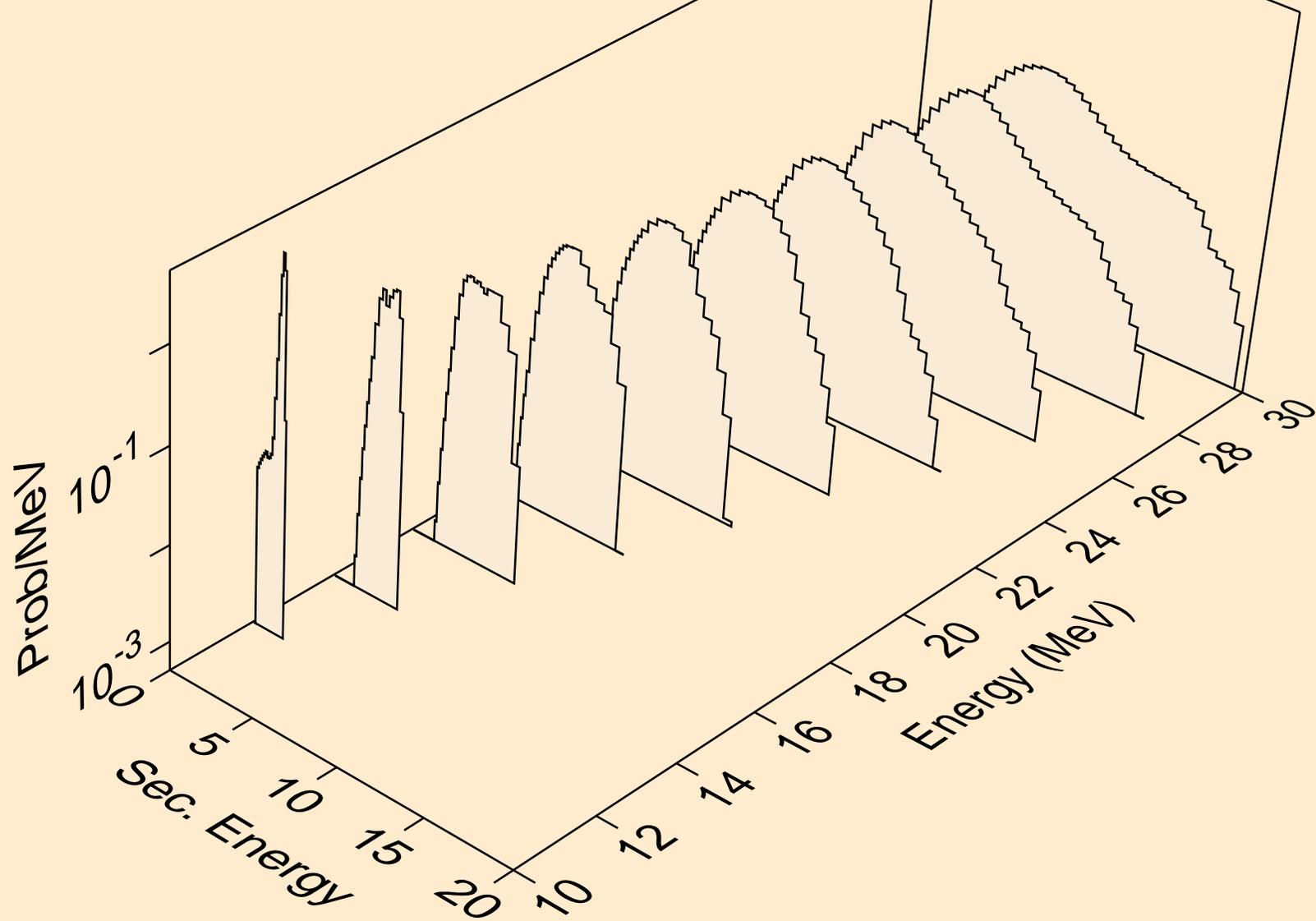angular distribution for elastic
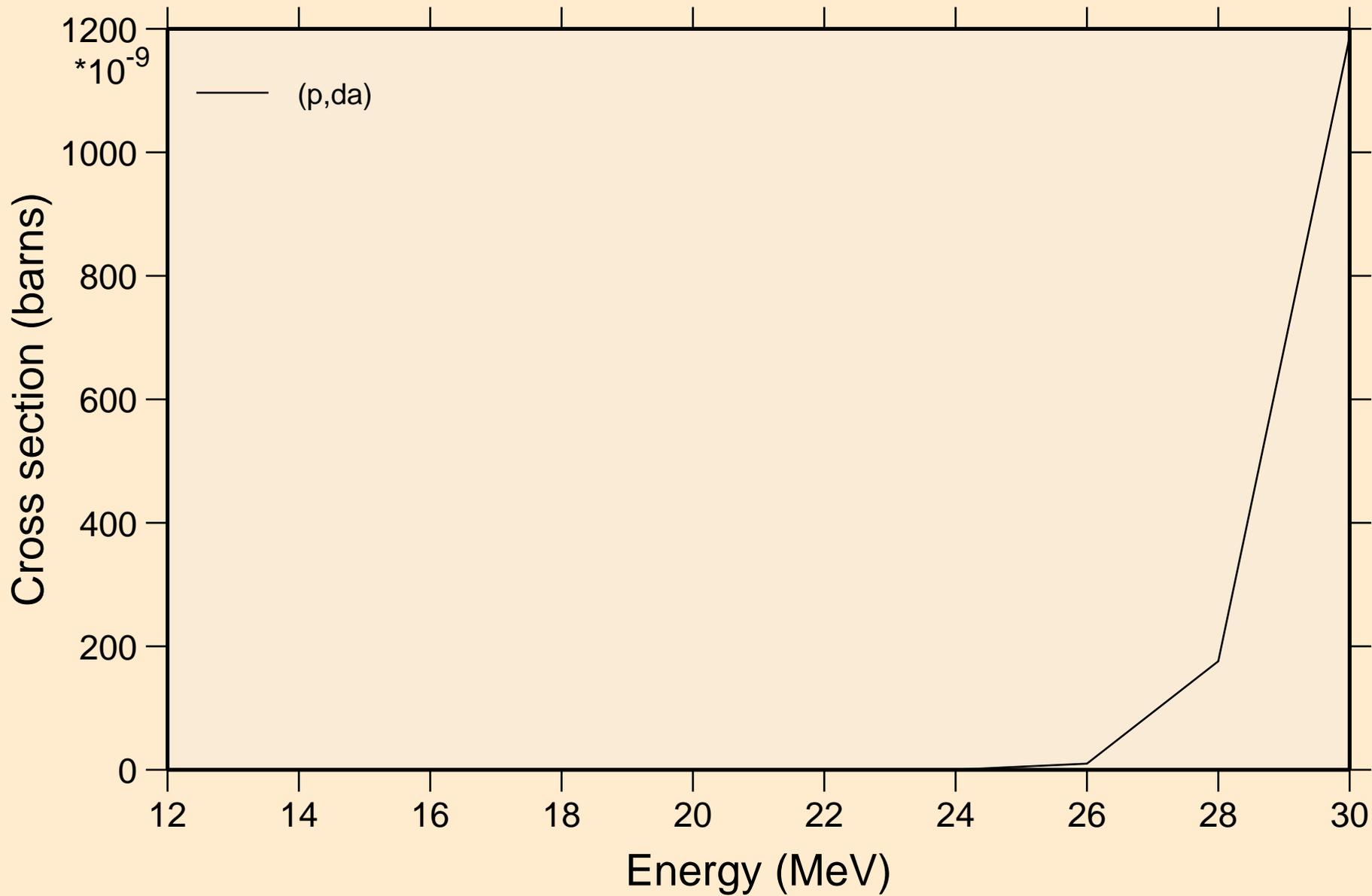
MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
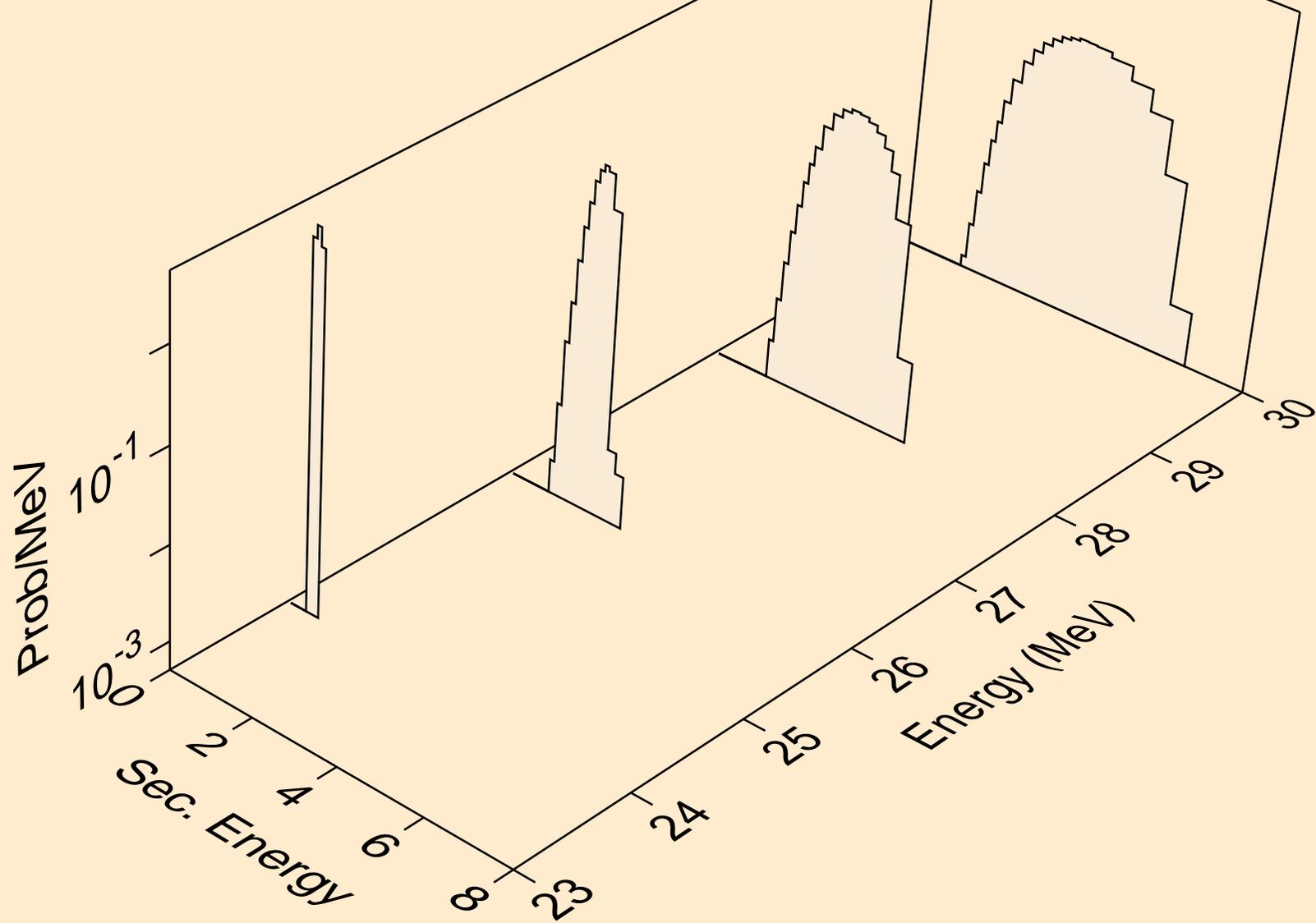angular distribution for elastic

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
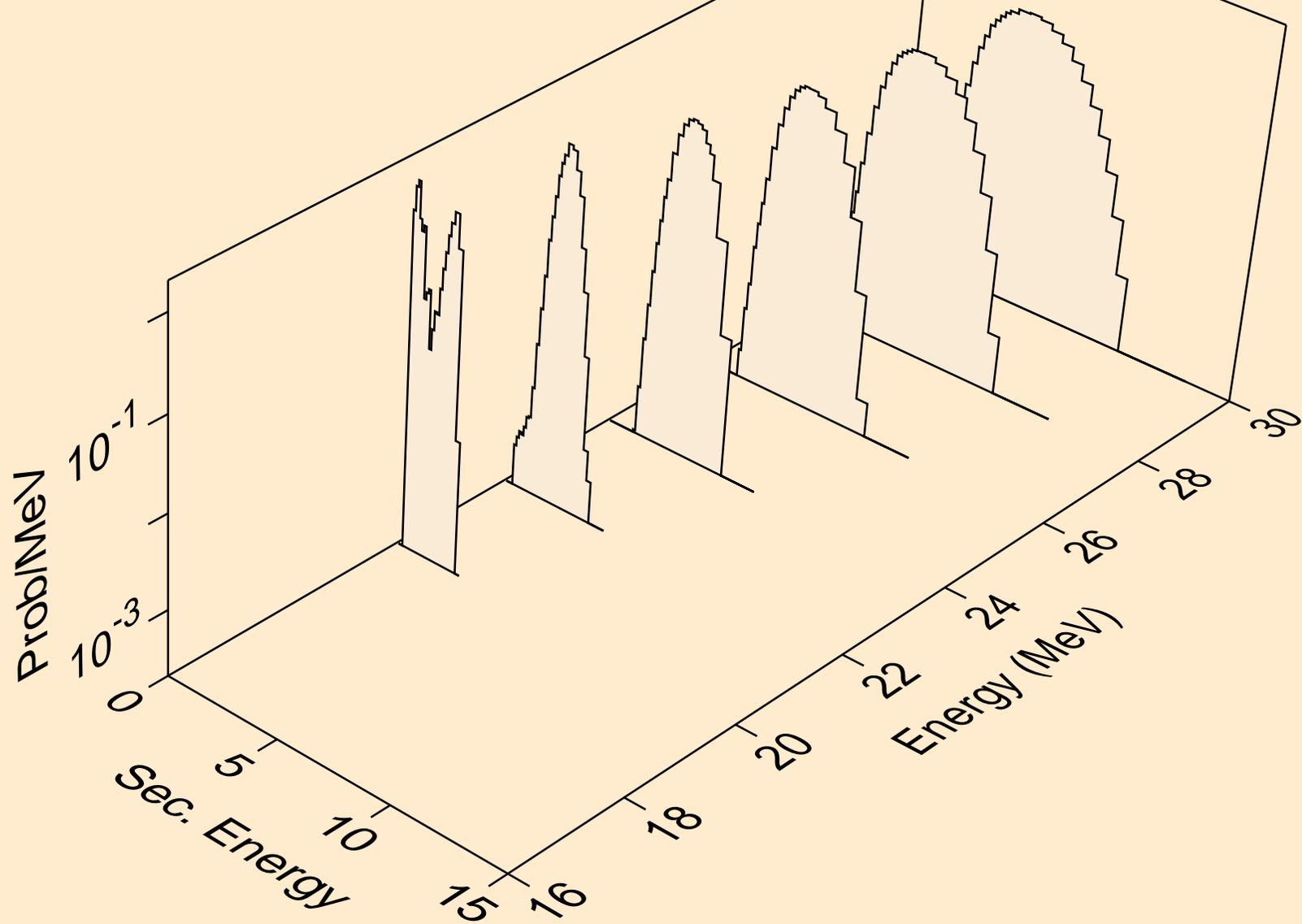Proton emission for (p,x)

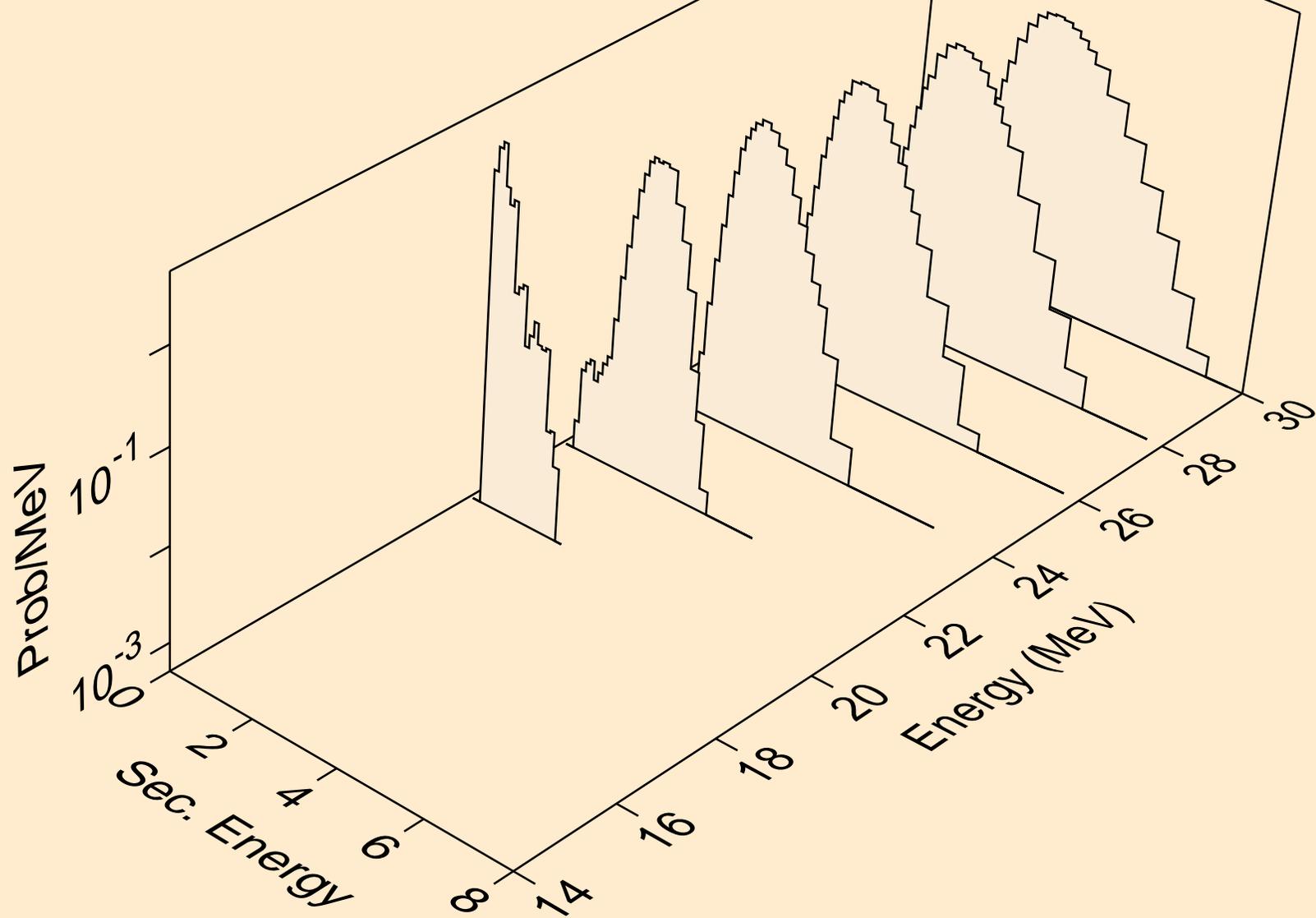MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,n*)p

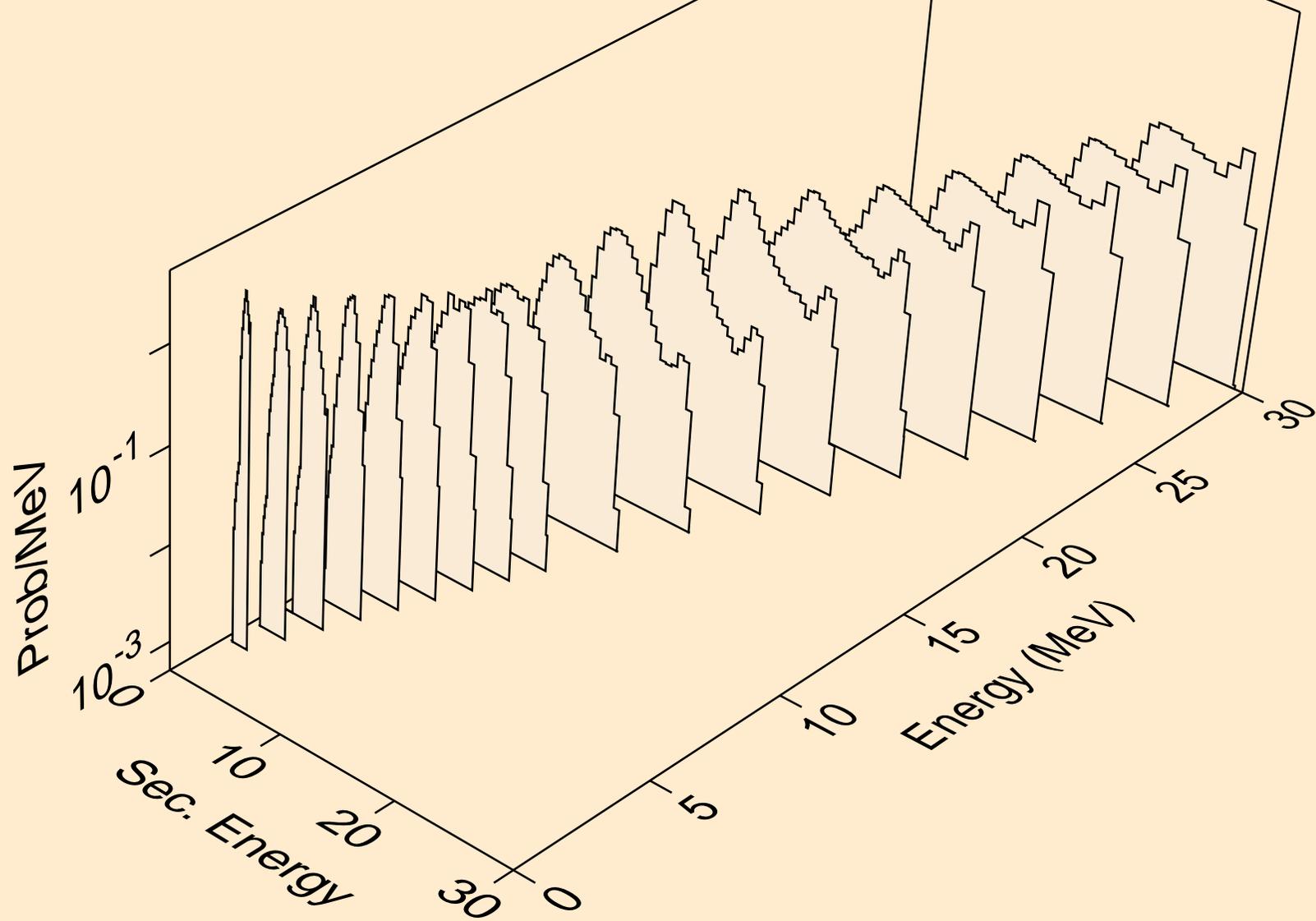MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2np)

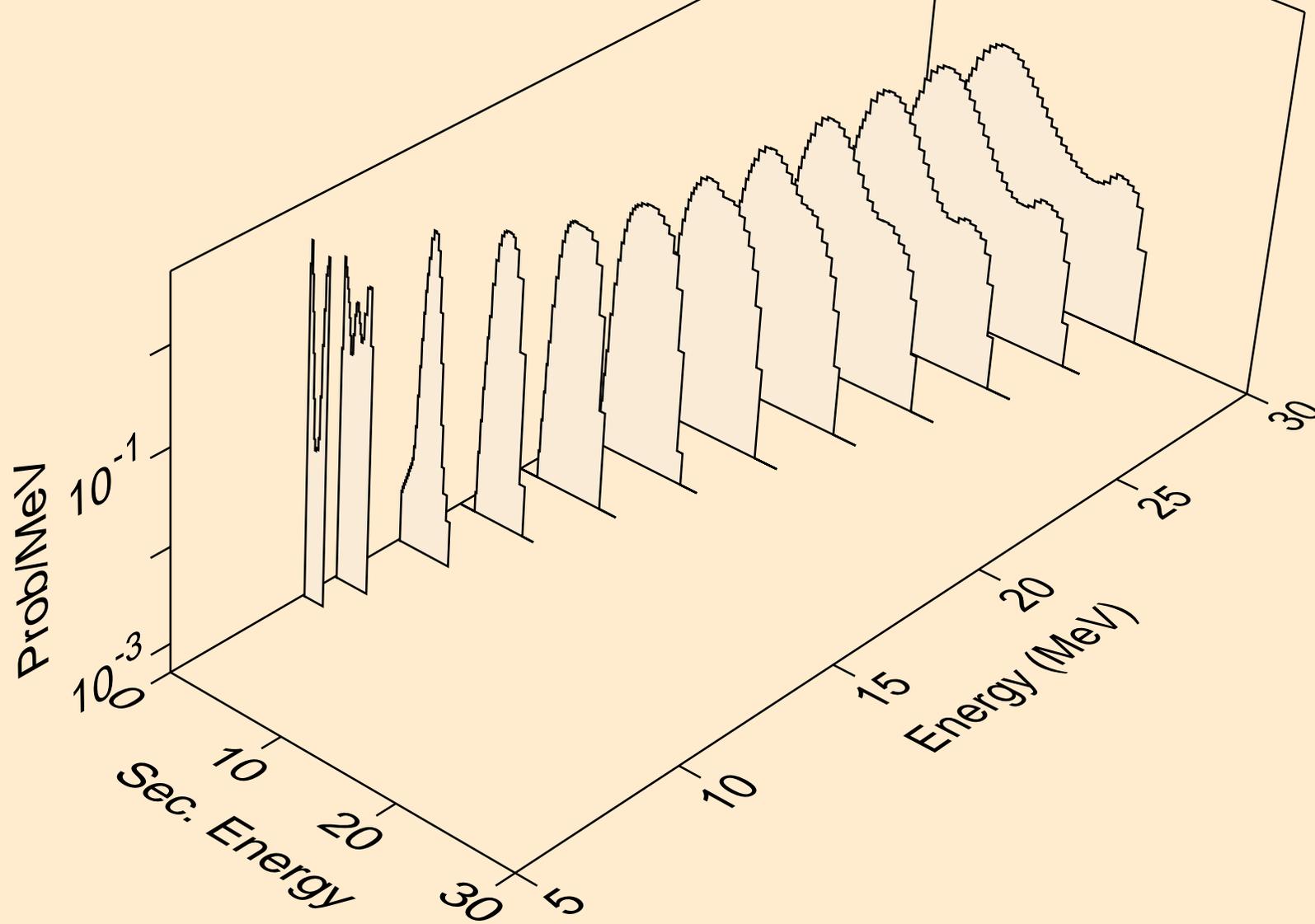MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2np)

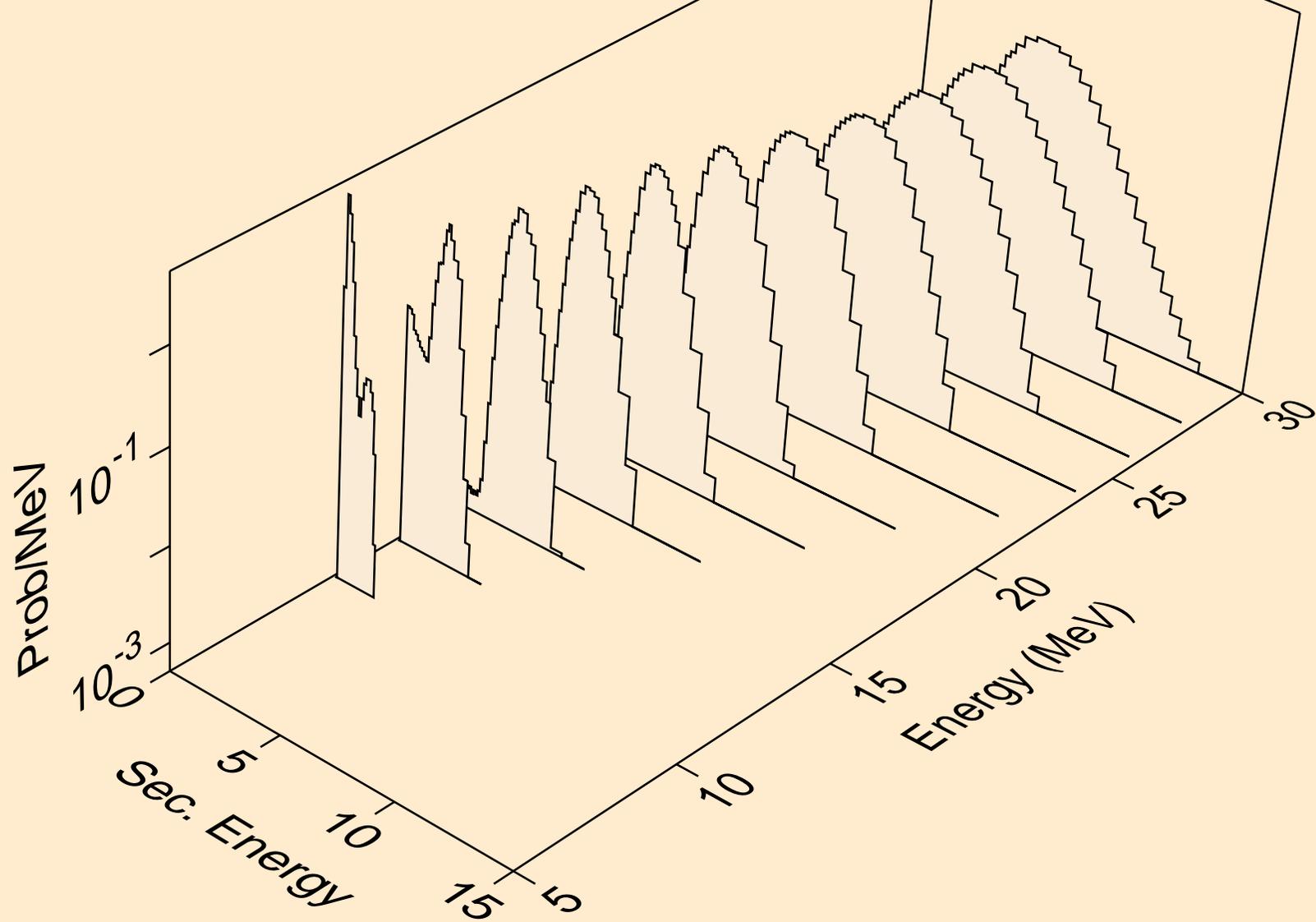MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,npa)

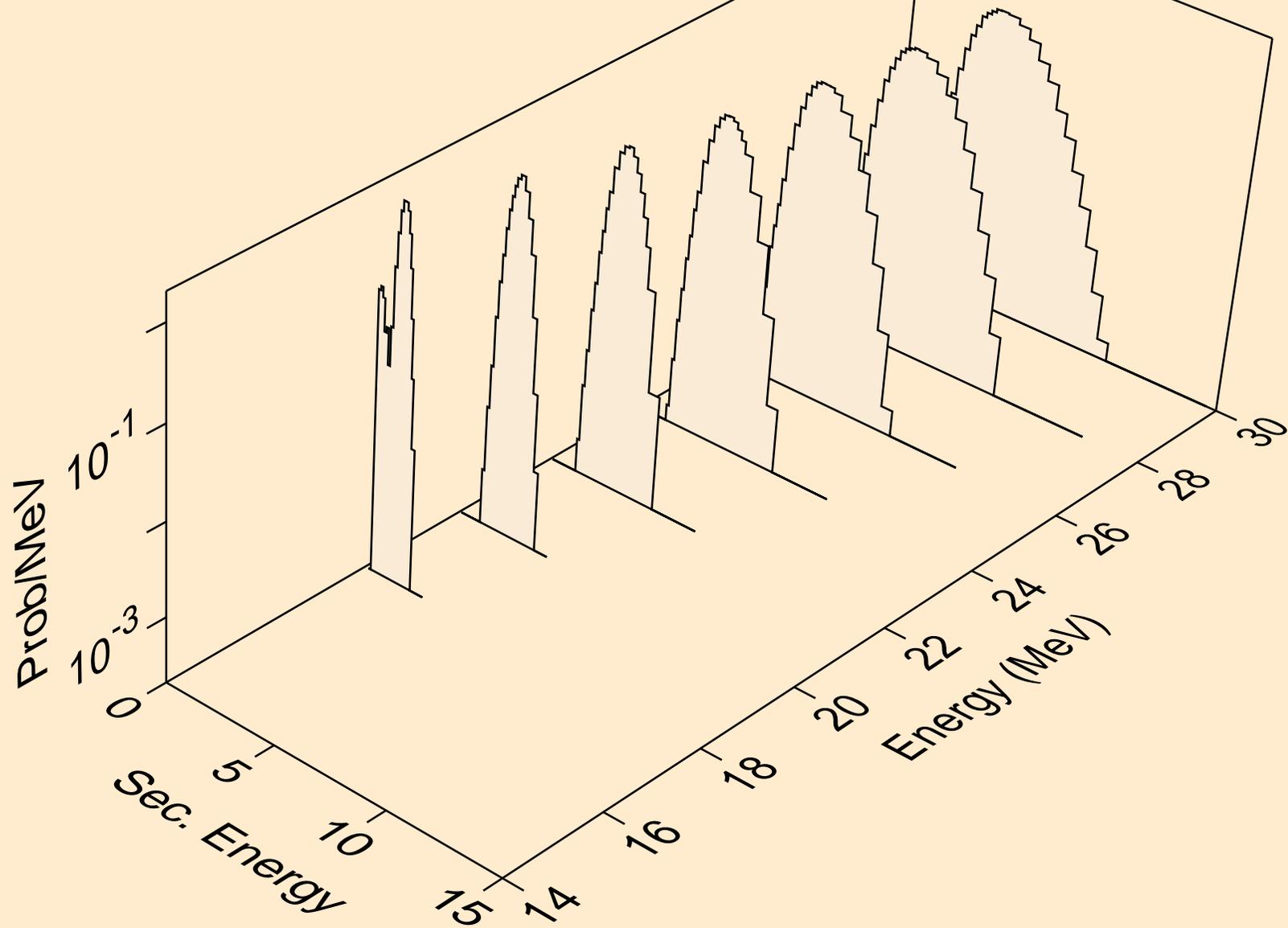MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for inelastic

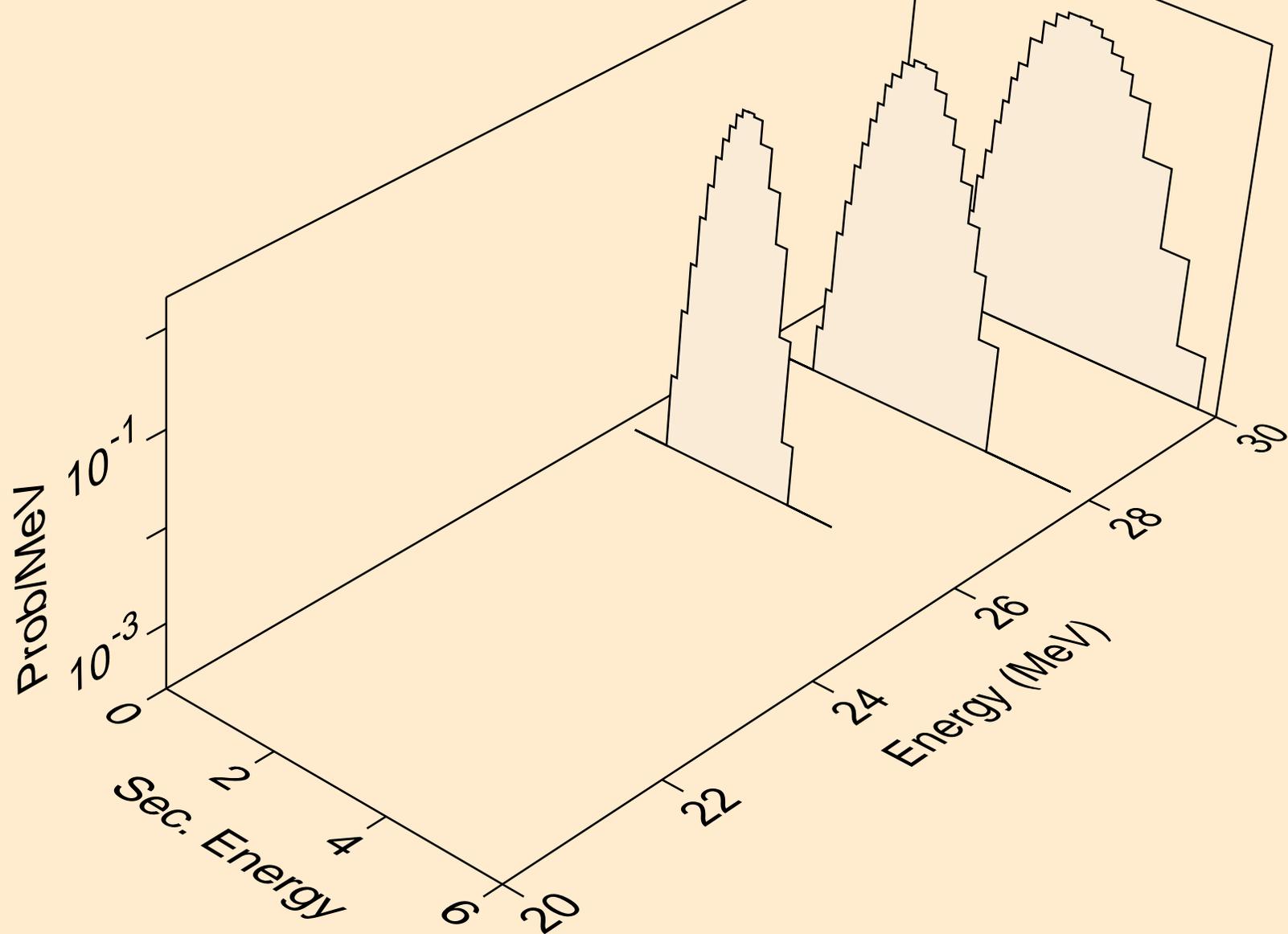MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,2p)

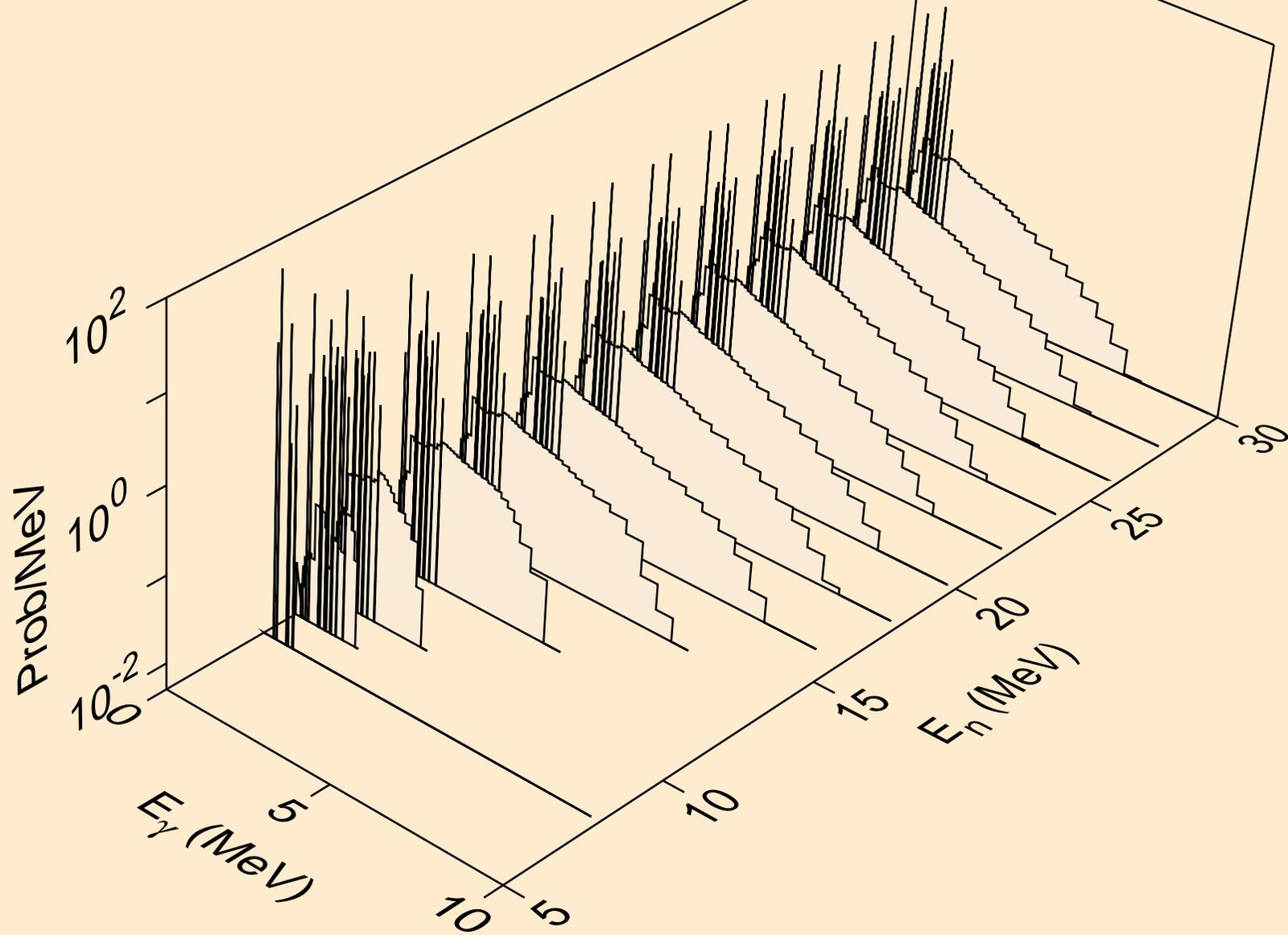MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,pa)

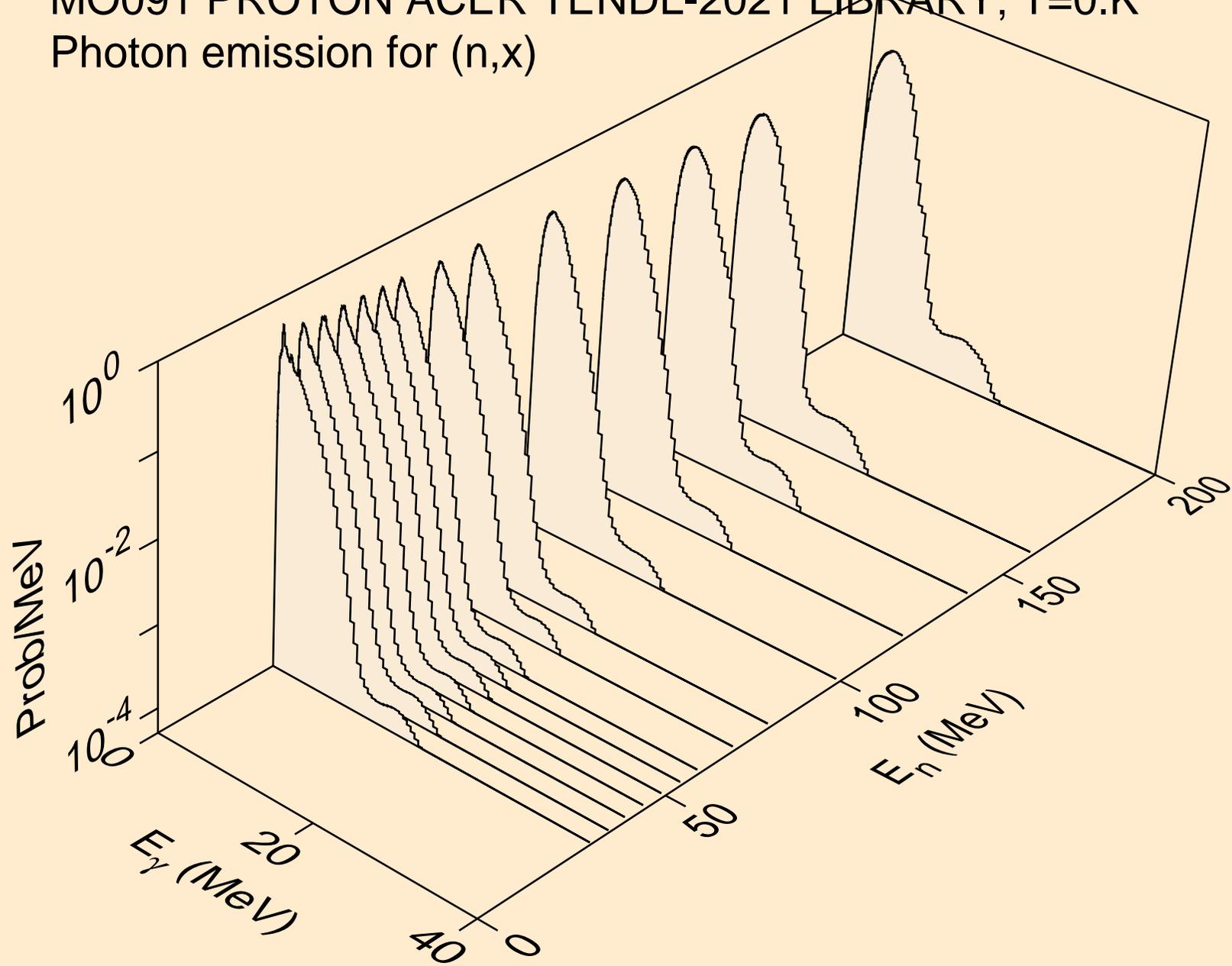MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,pd)

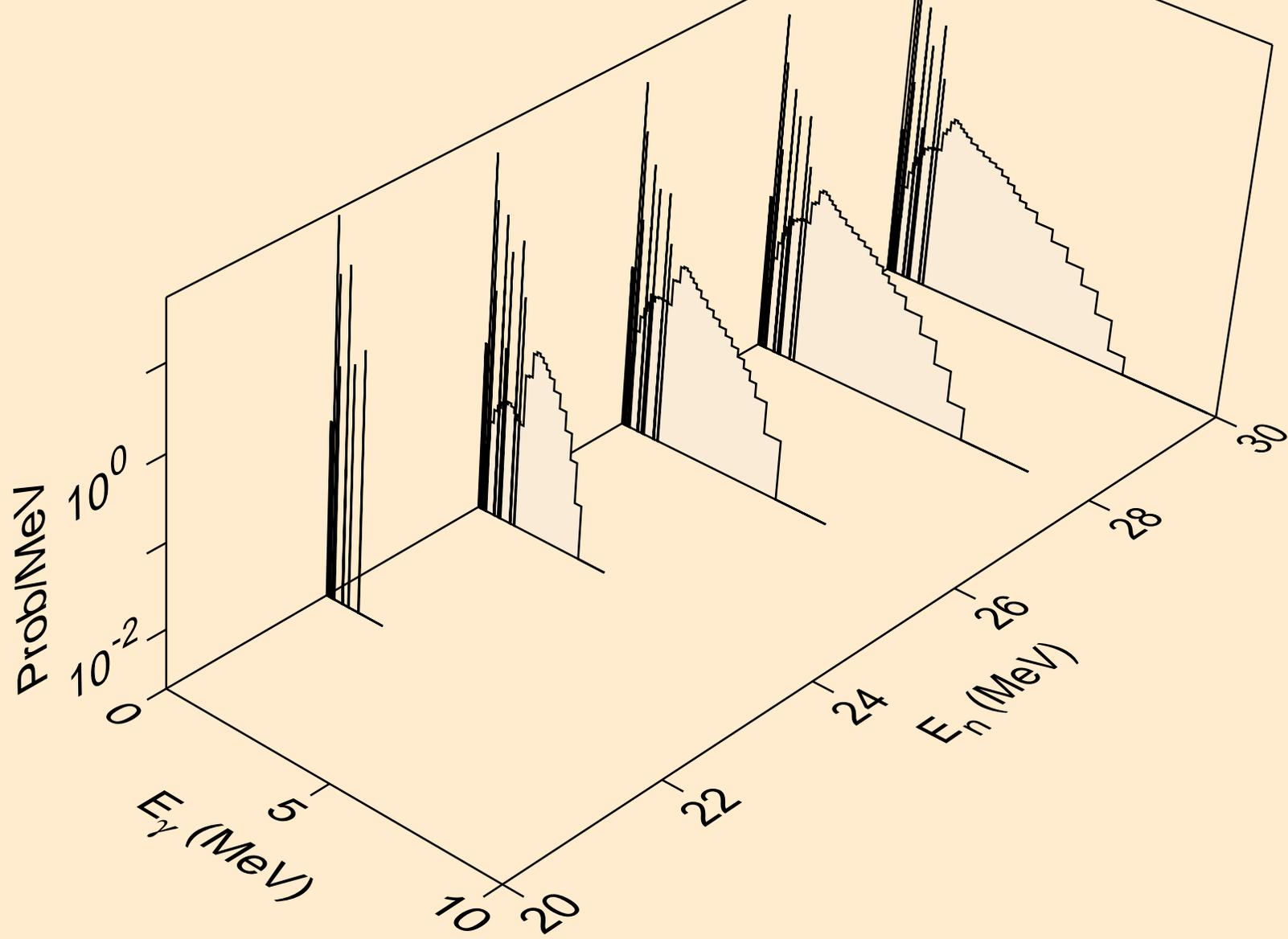MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Proton emission for (p,pt)

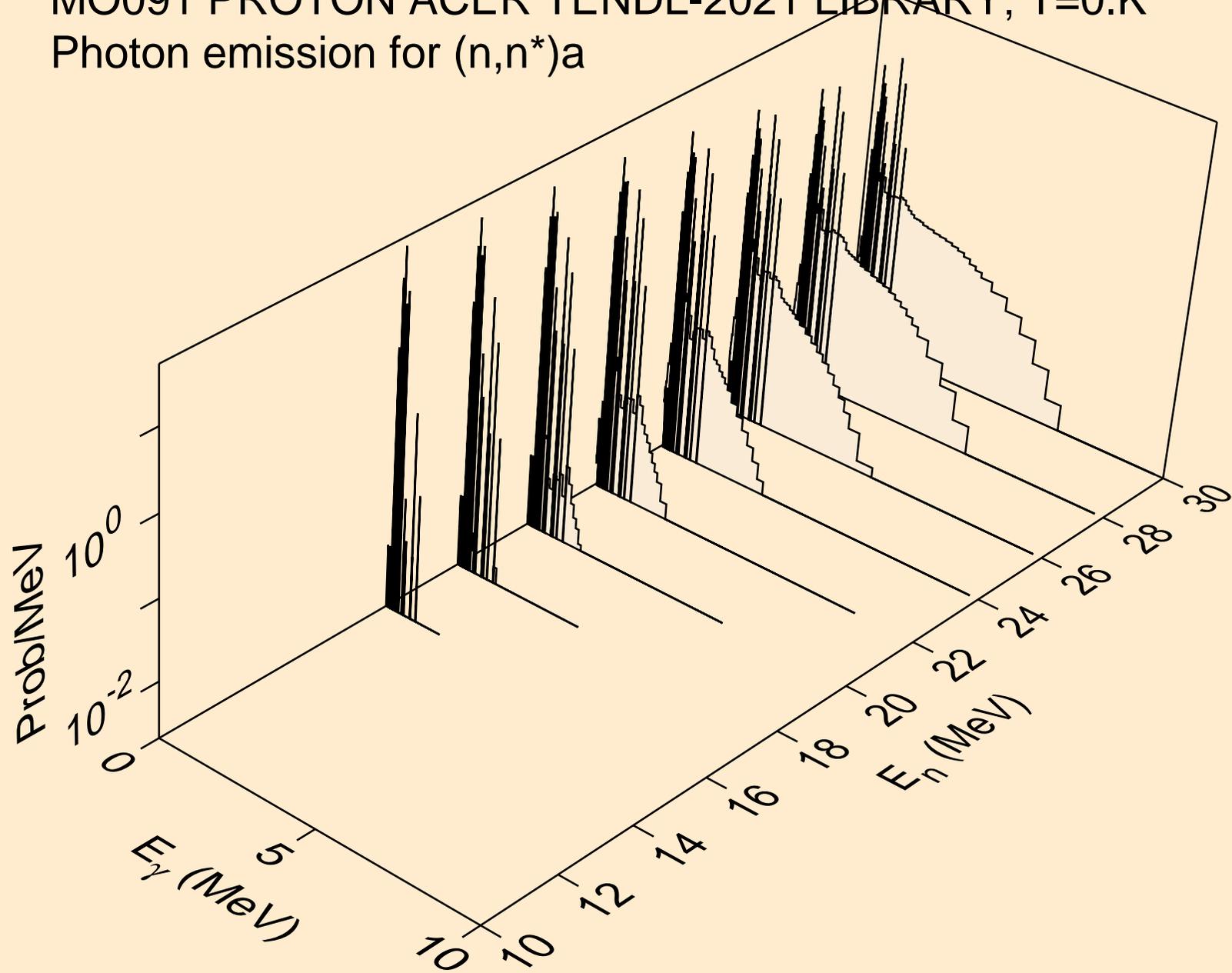MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)

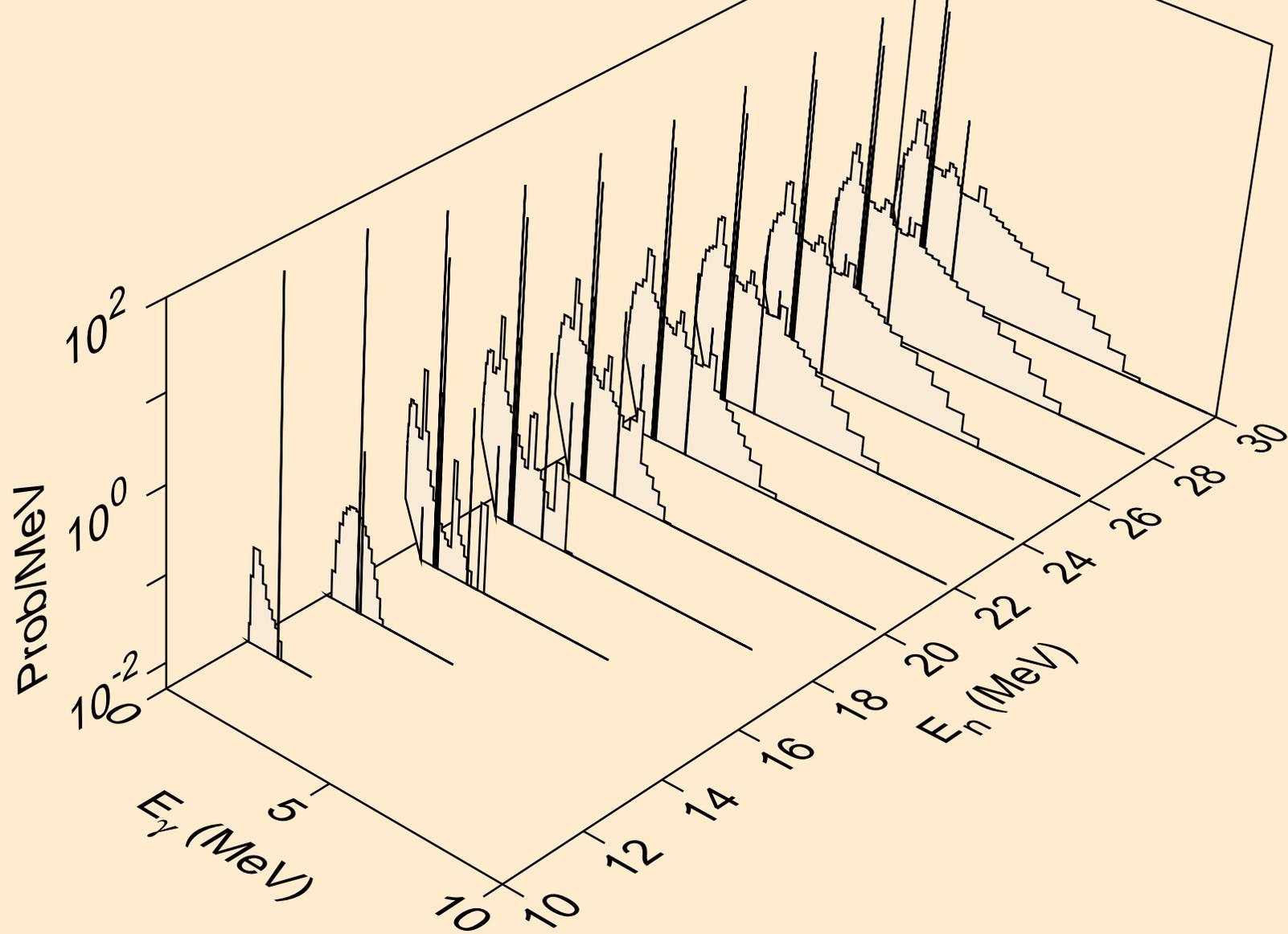MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)

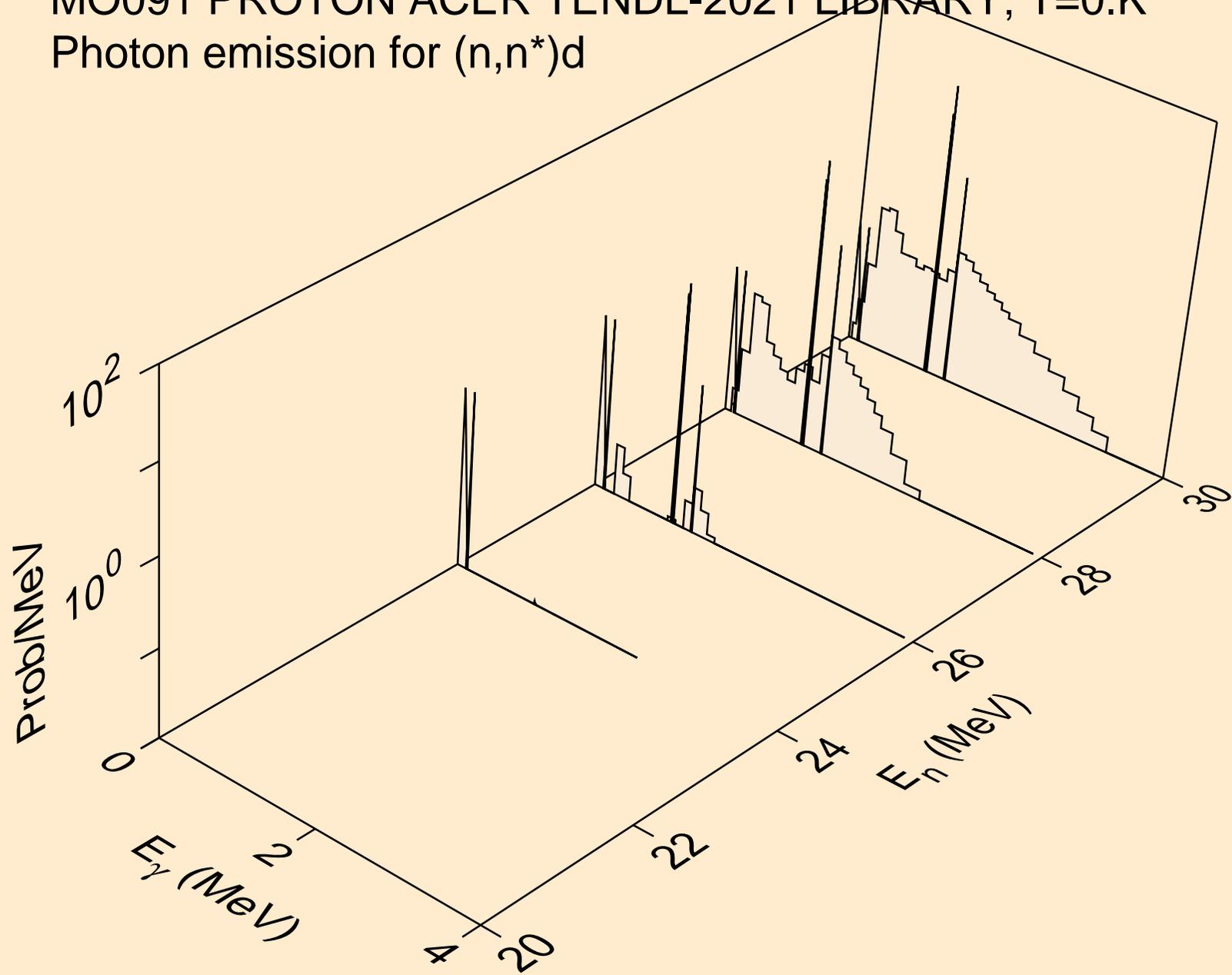MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)

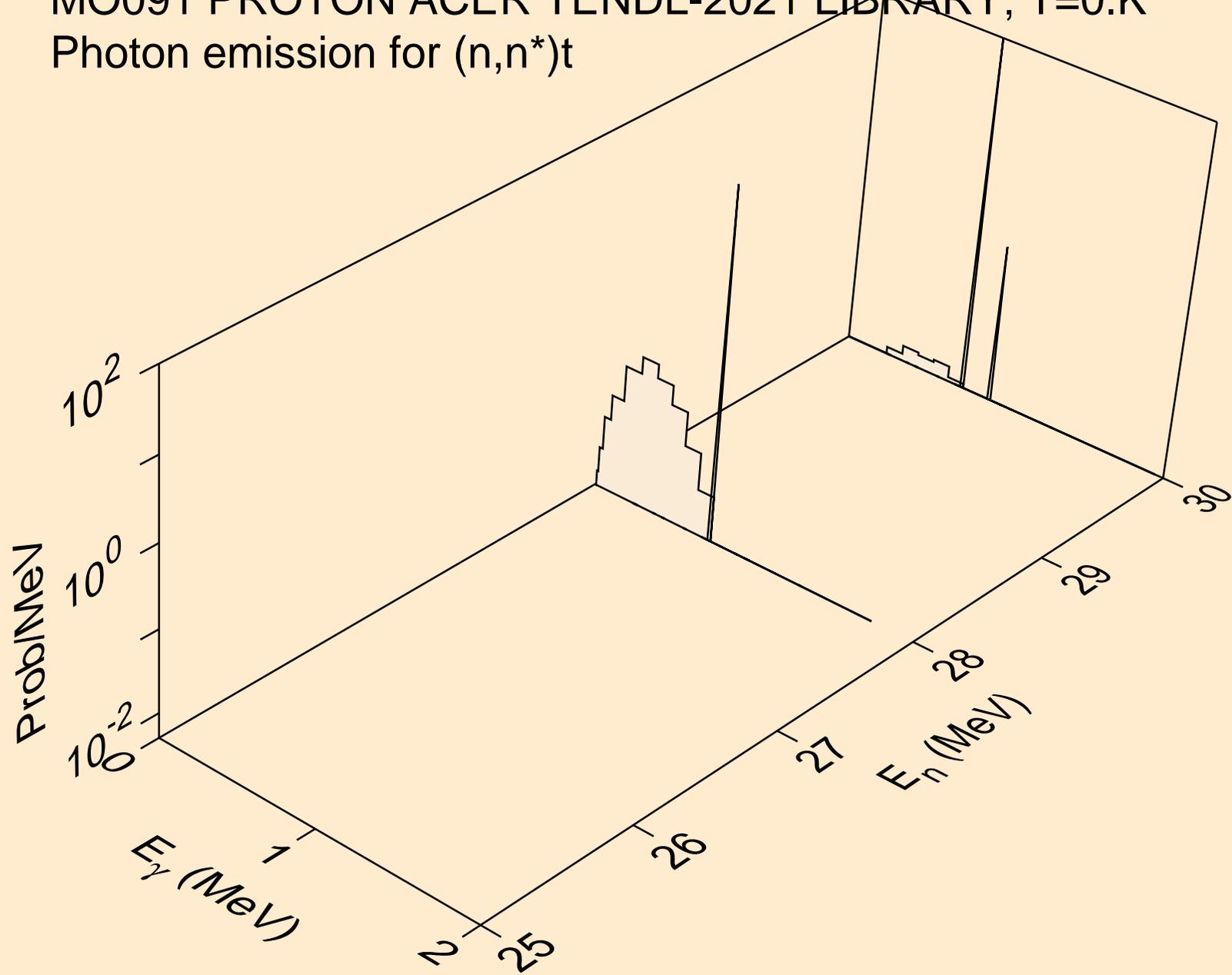MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a

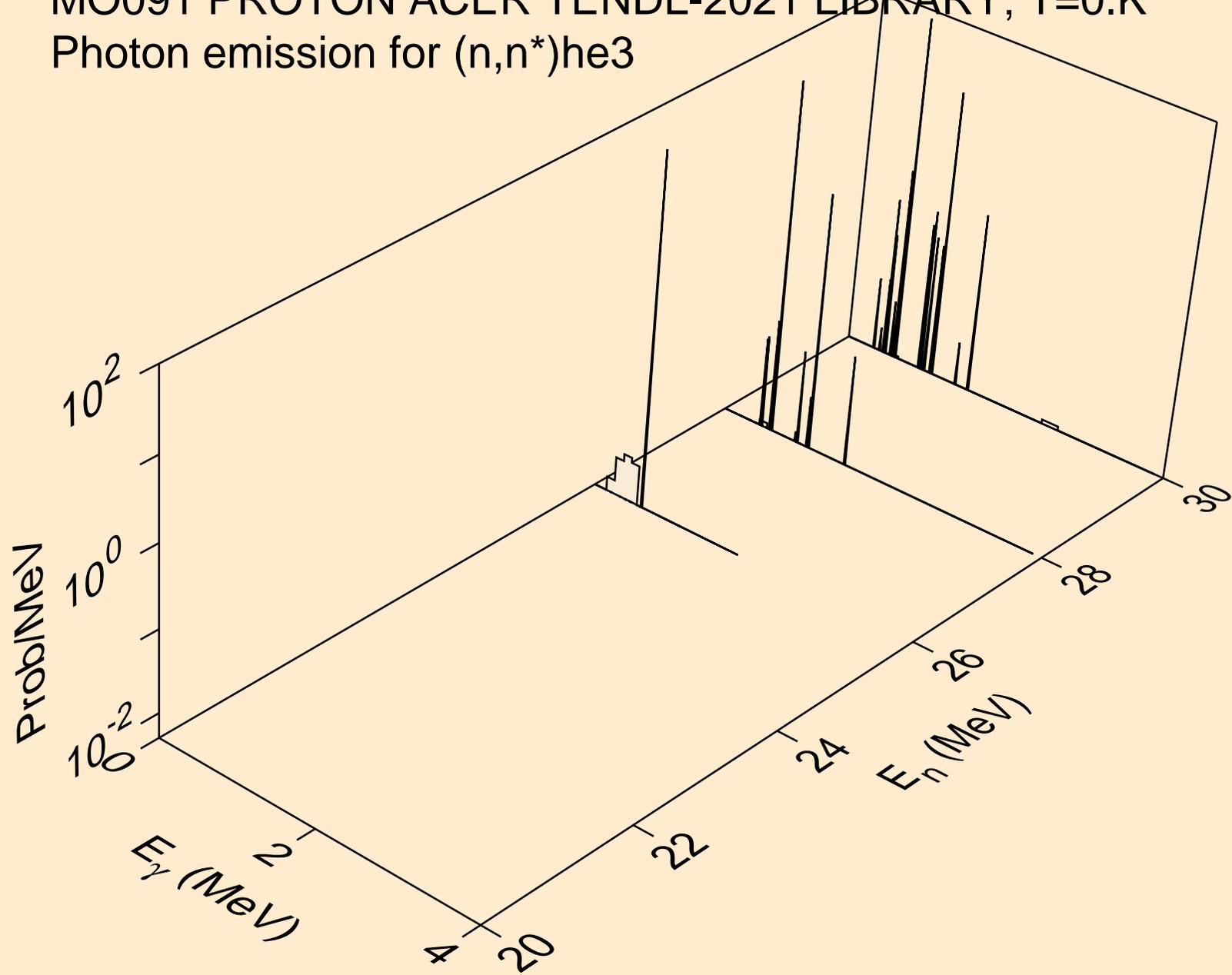MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p

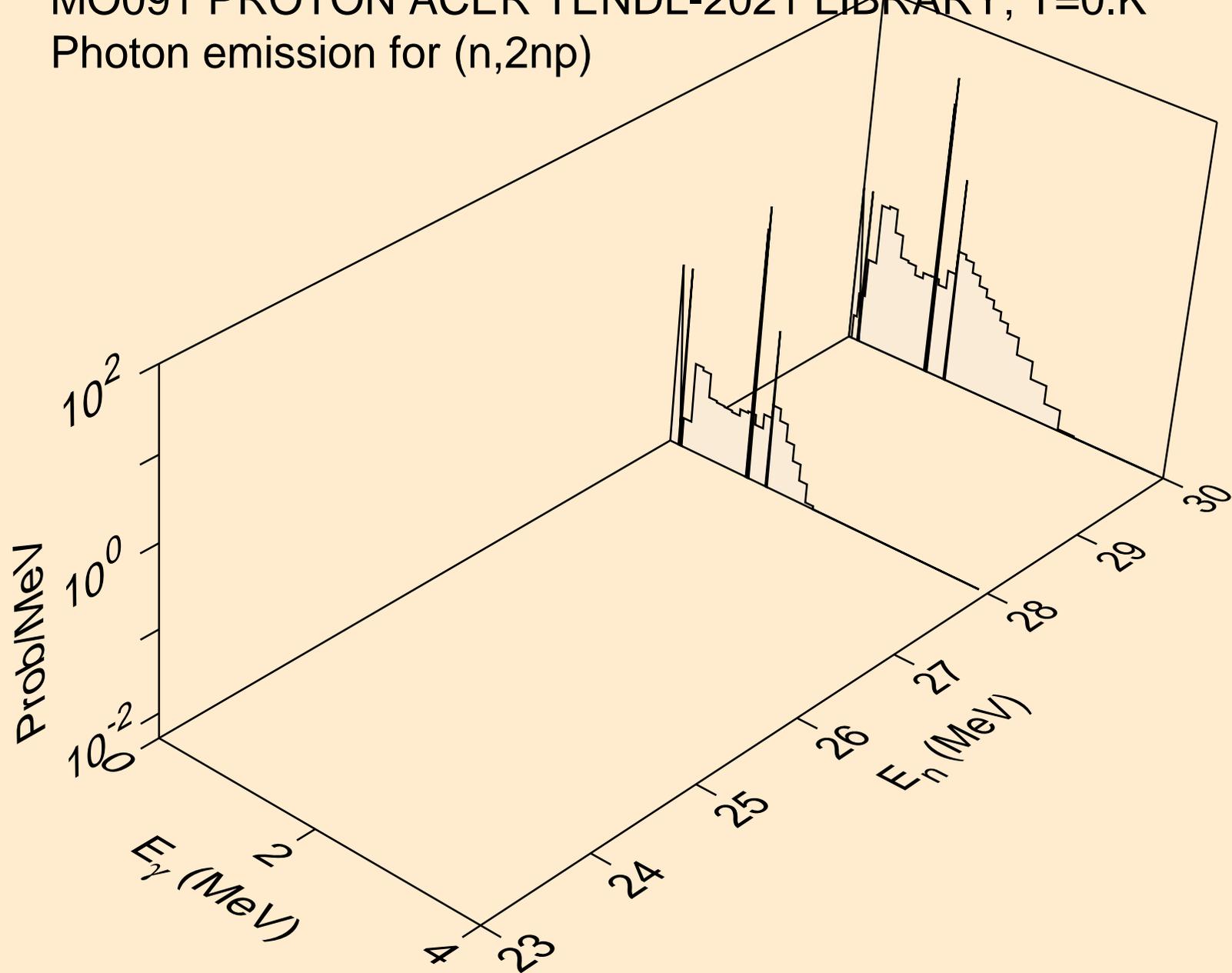MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)d

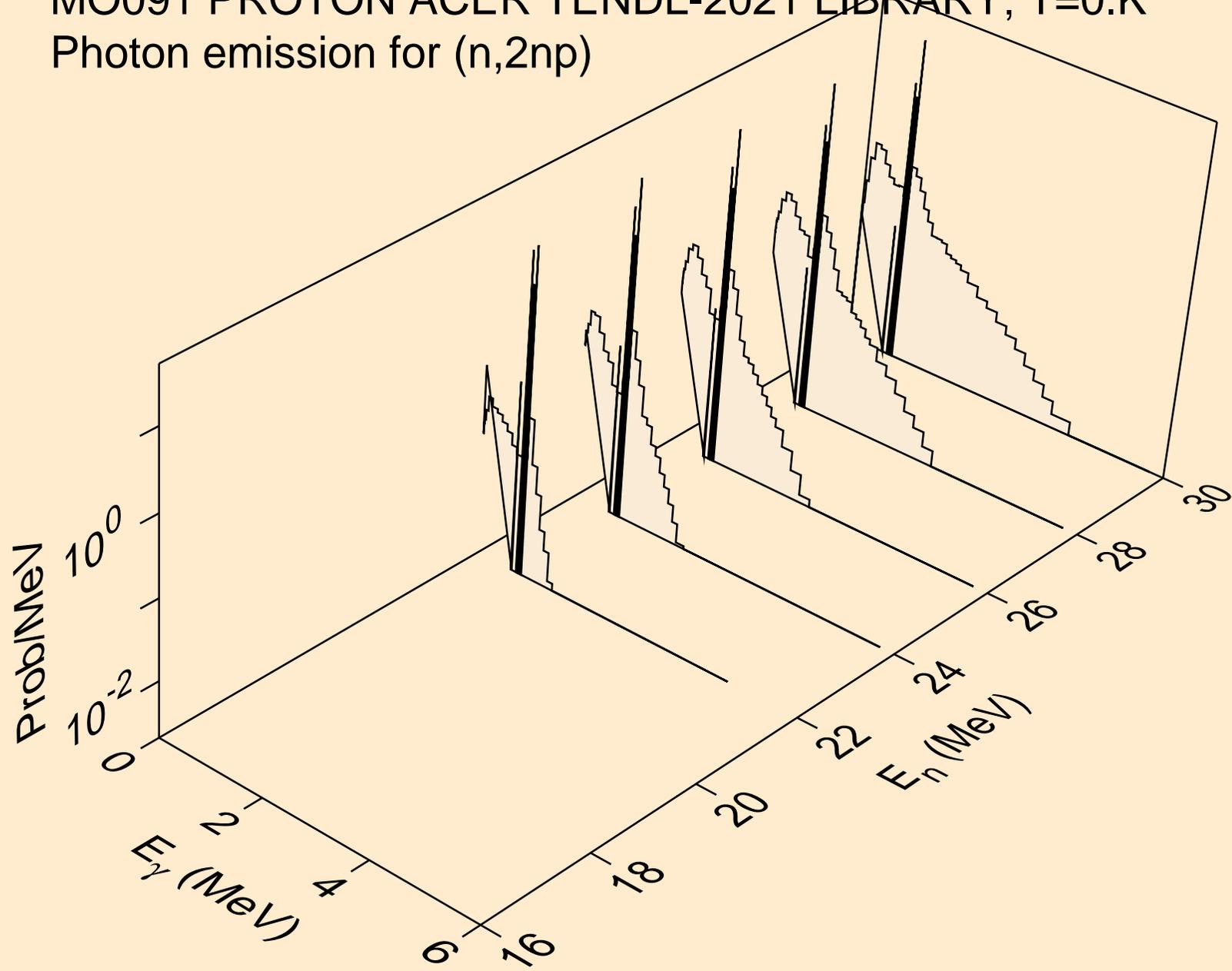MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)t

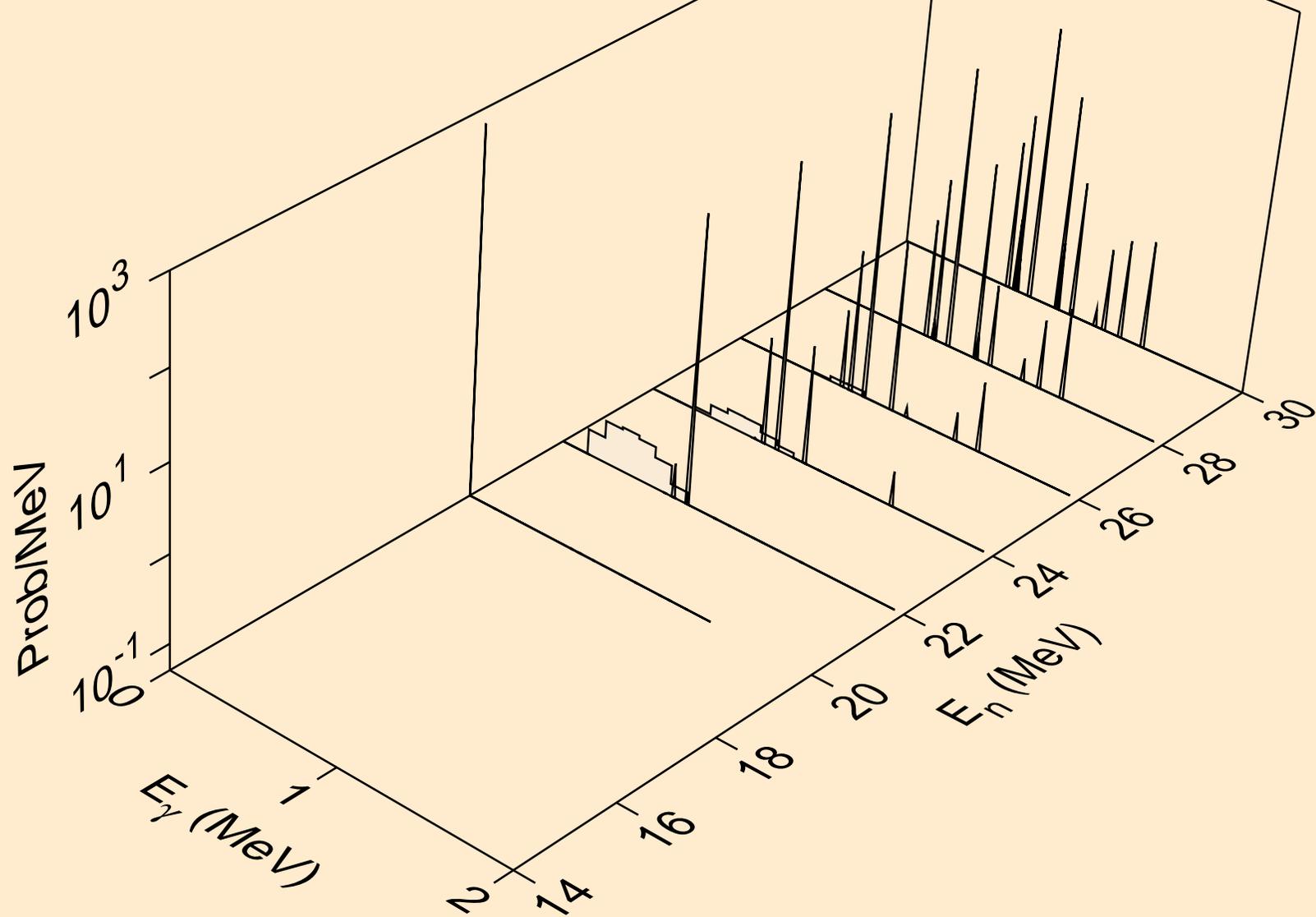MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)he3

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
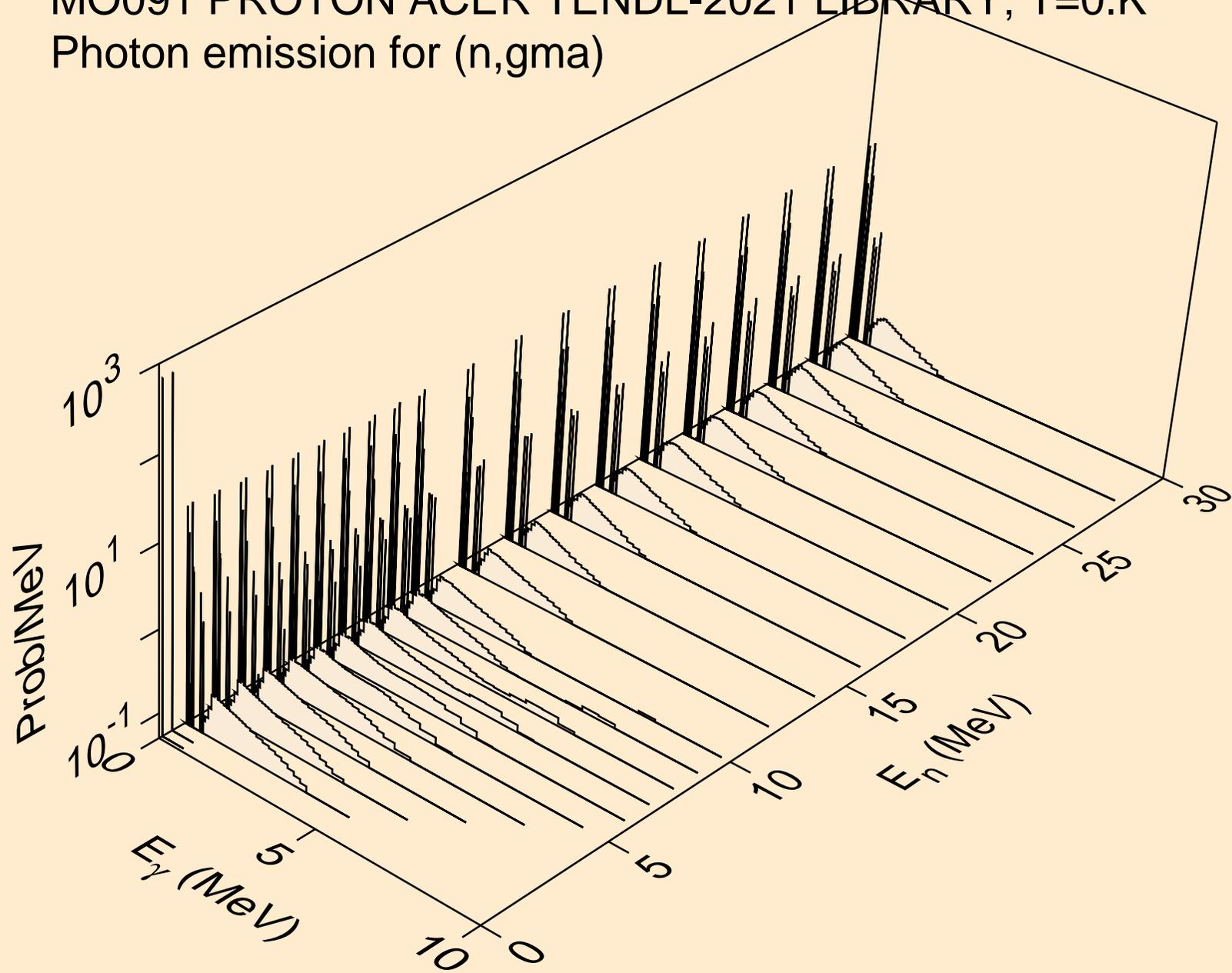Photon emission for (n,2np)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
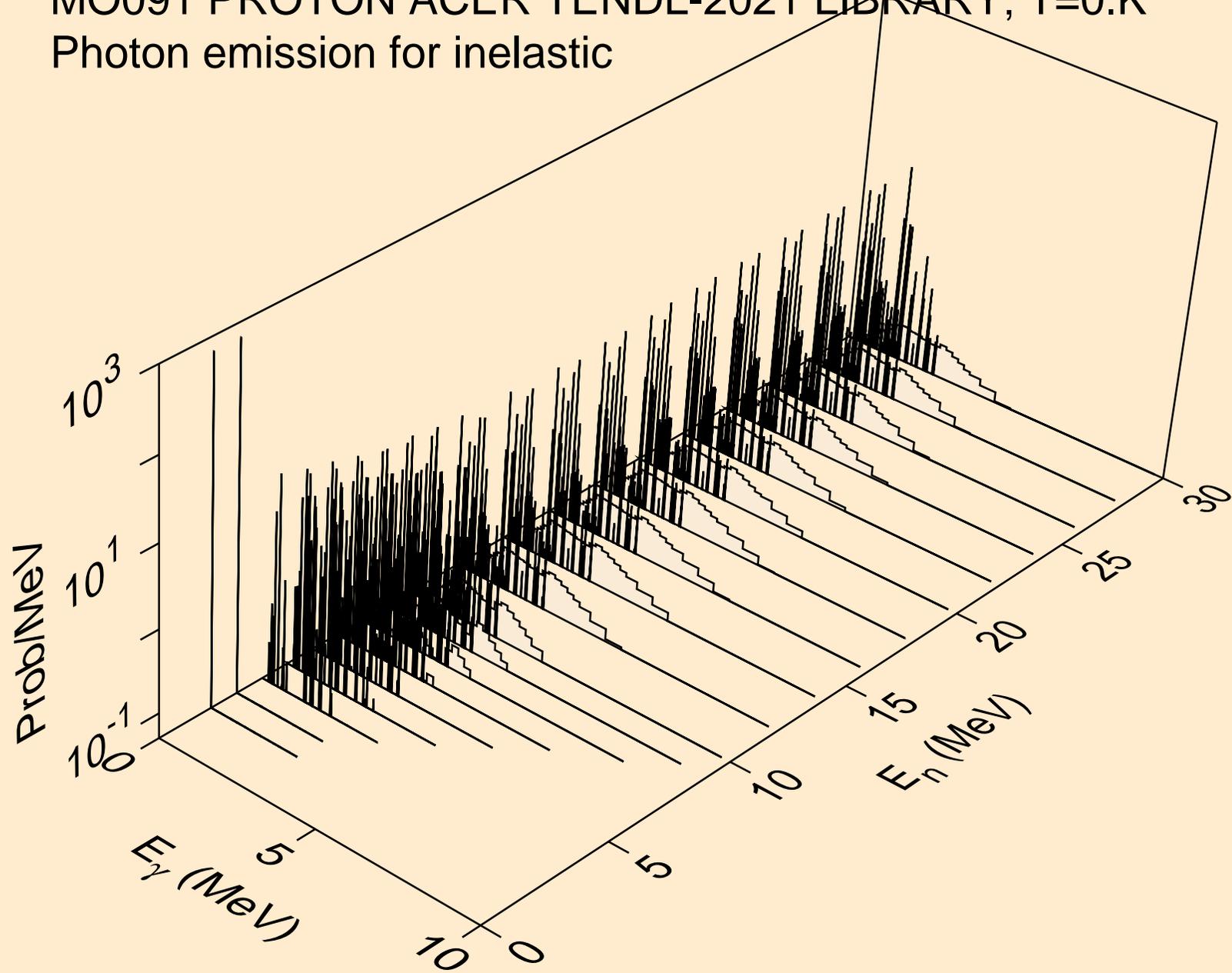Photon emission for (n,2np)

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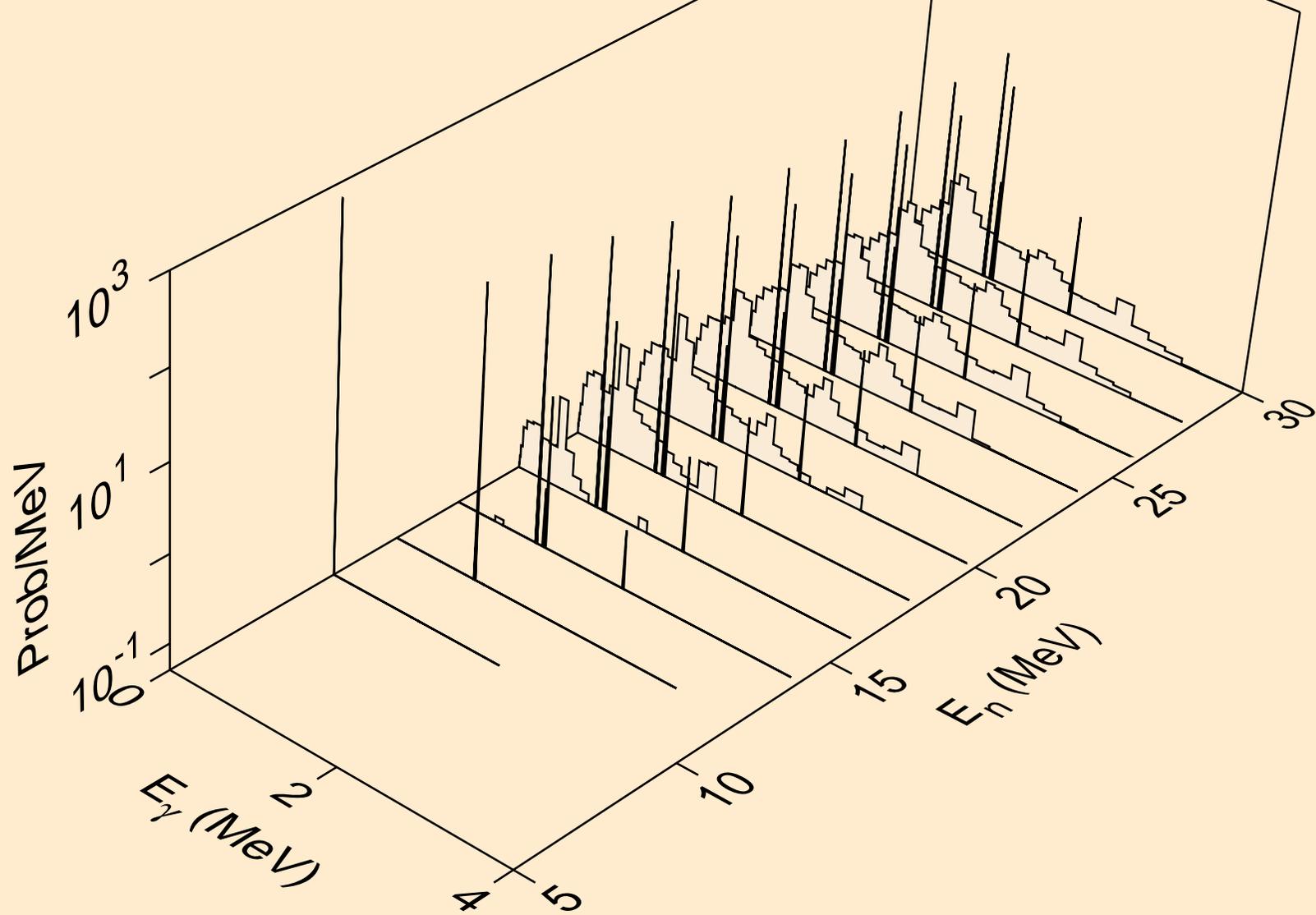Photon emission for (n,npa)

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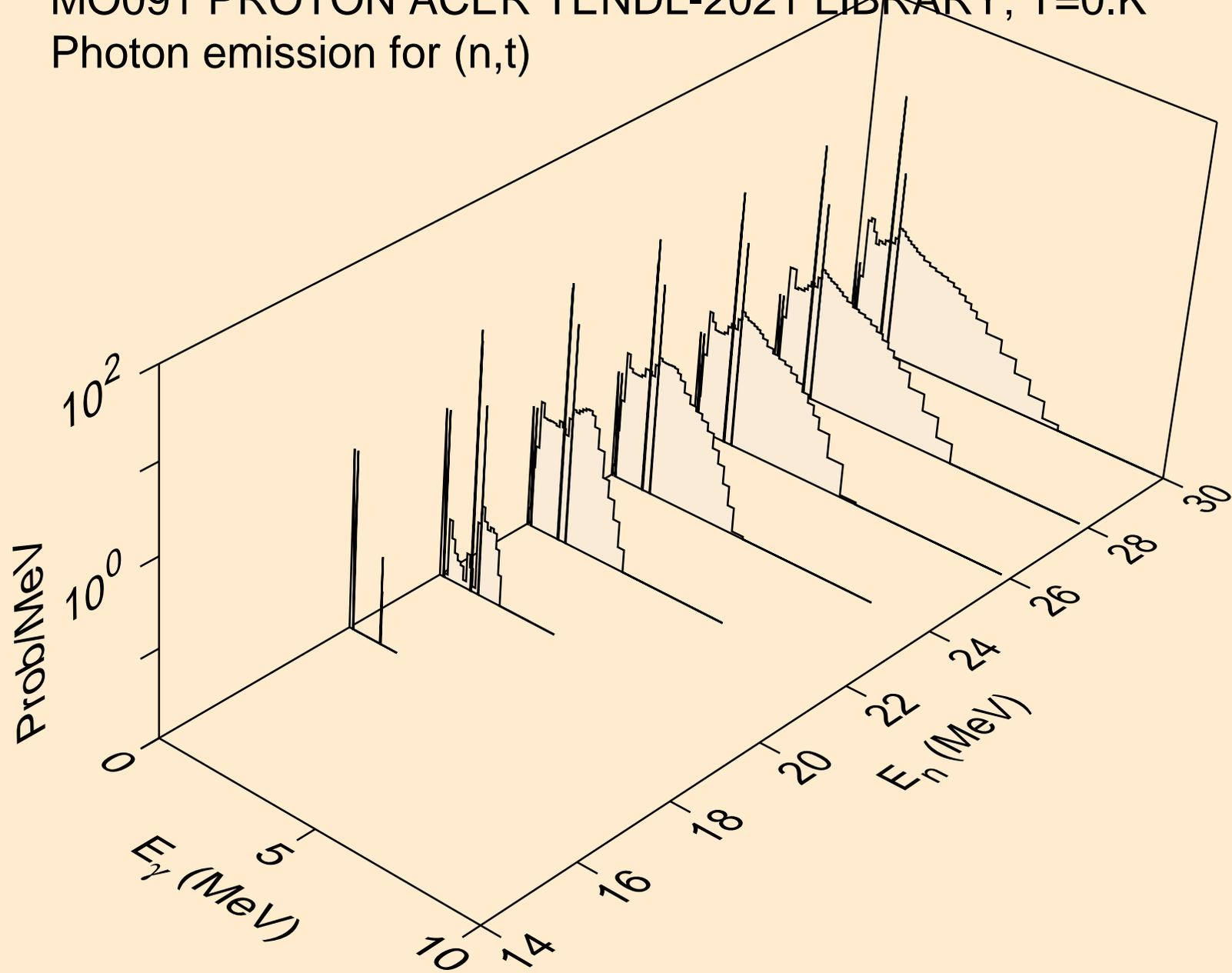Photon emission for (n,gma)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
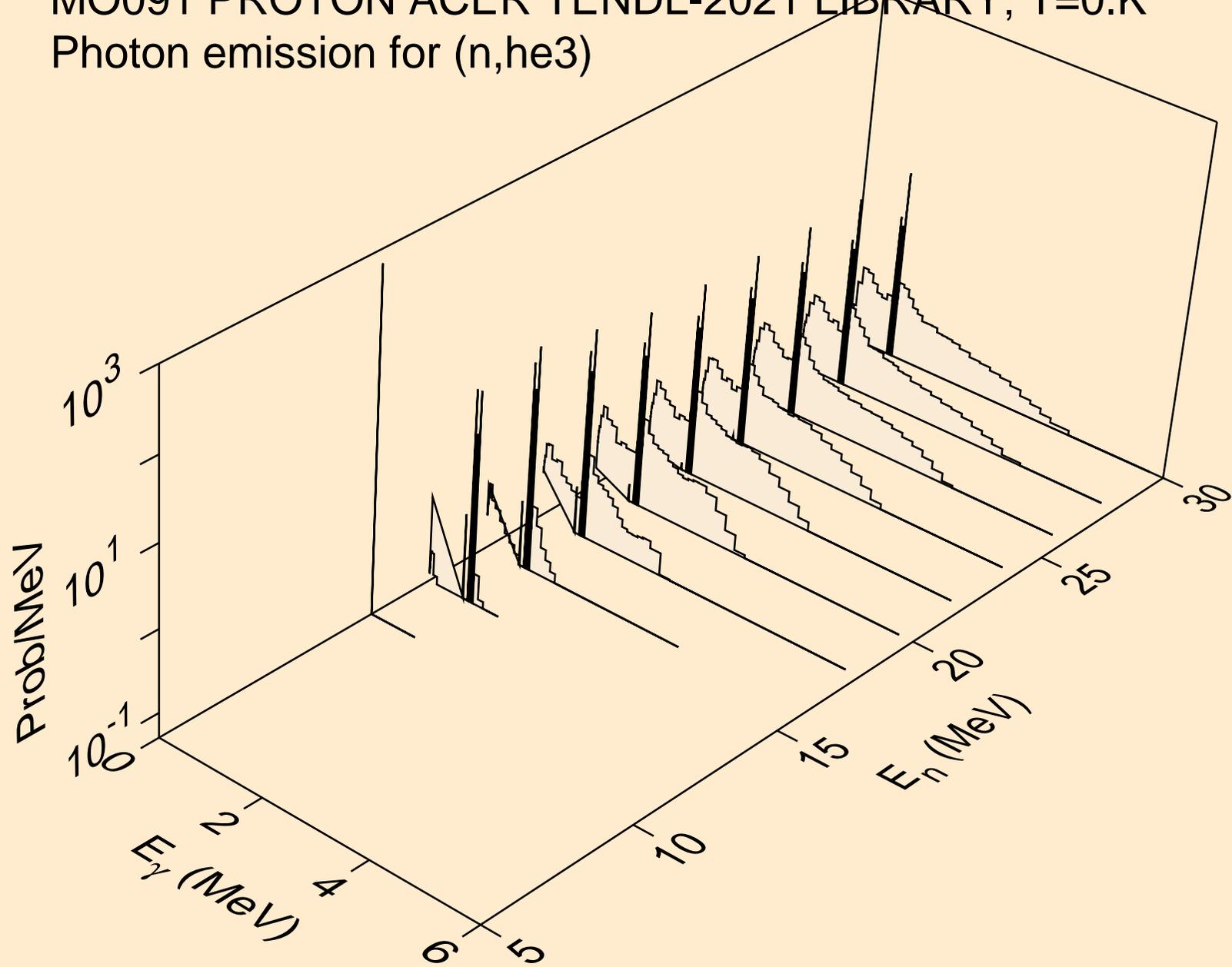Photon emission for inelastic

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
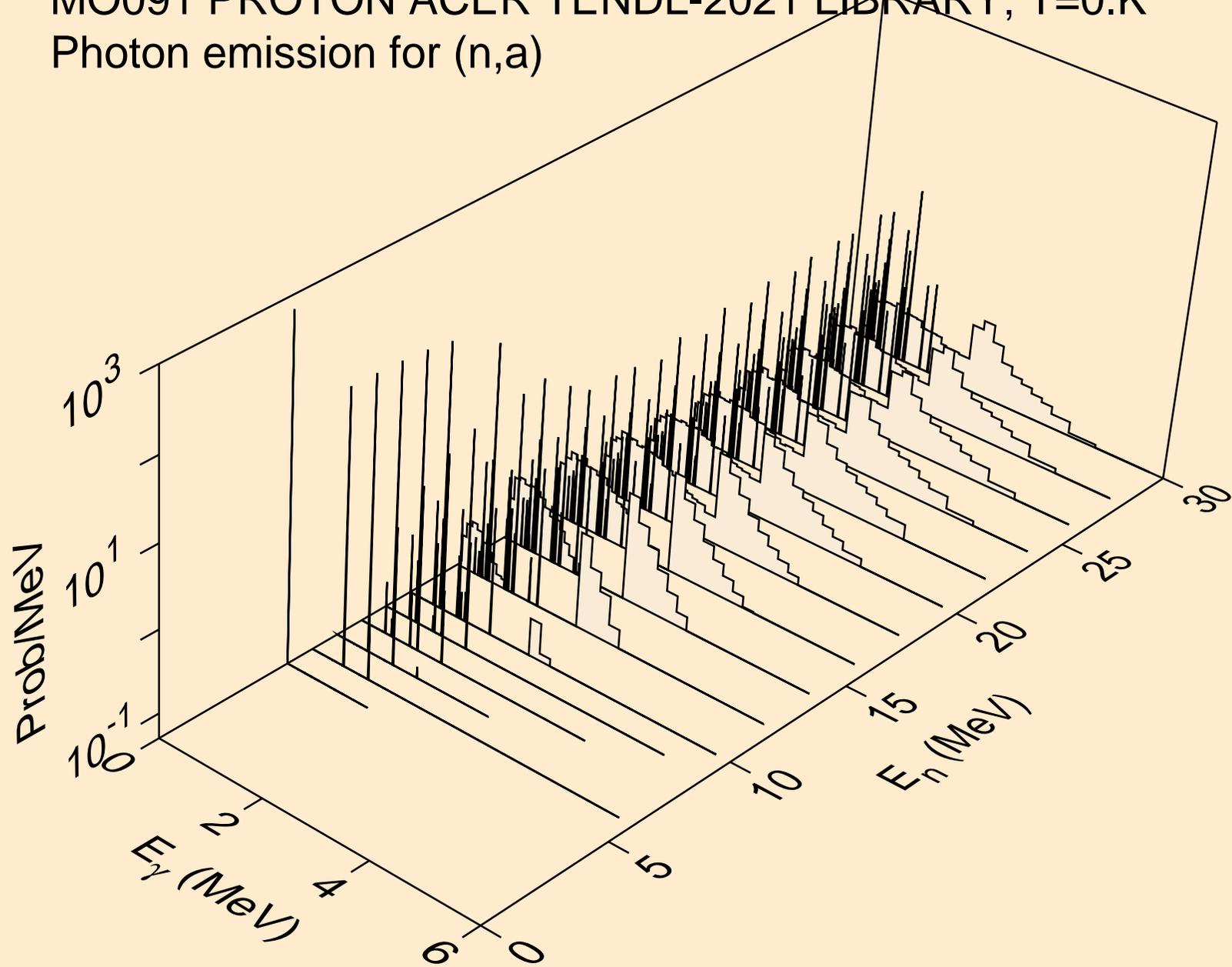Photon emission for (n,d)

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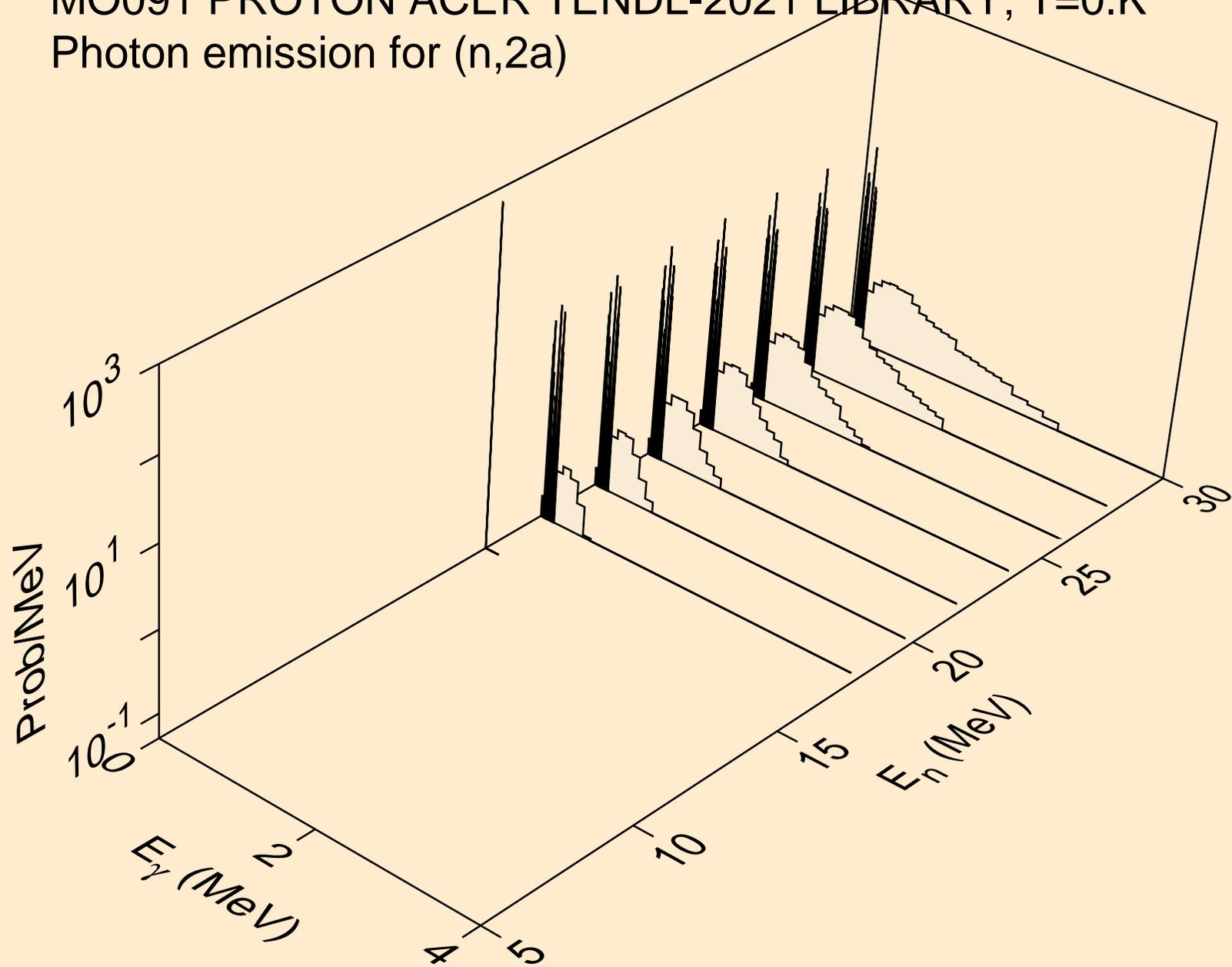Photon emission for (n,t)

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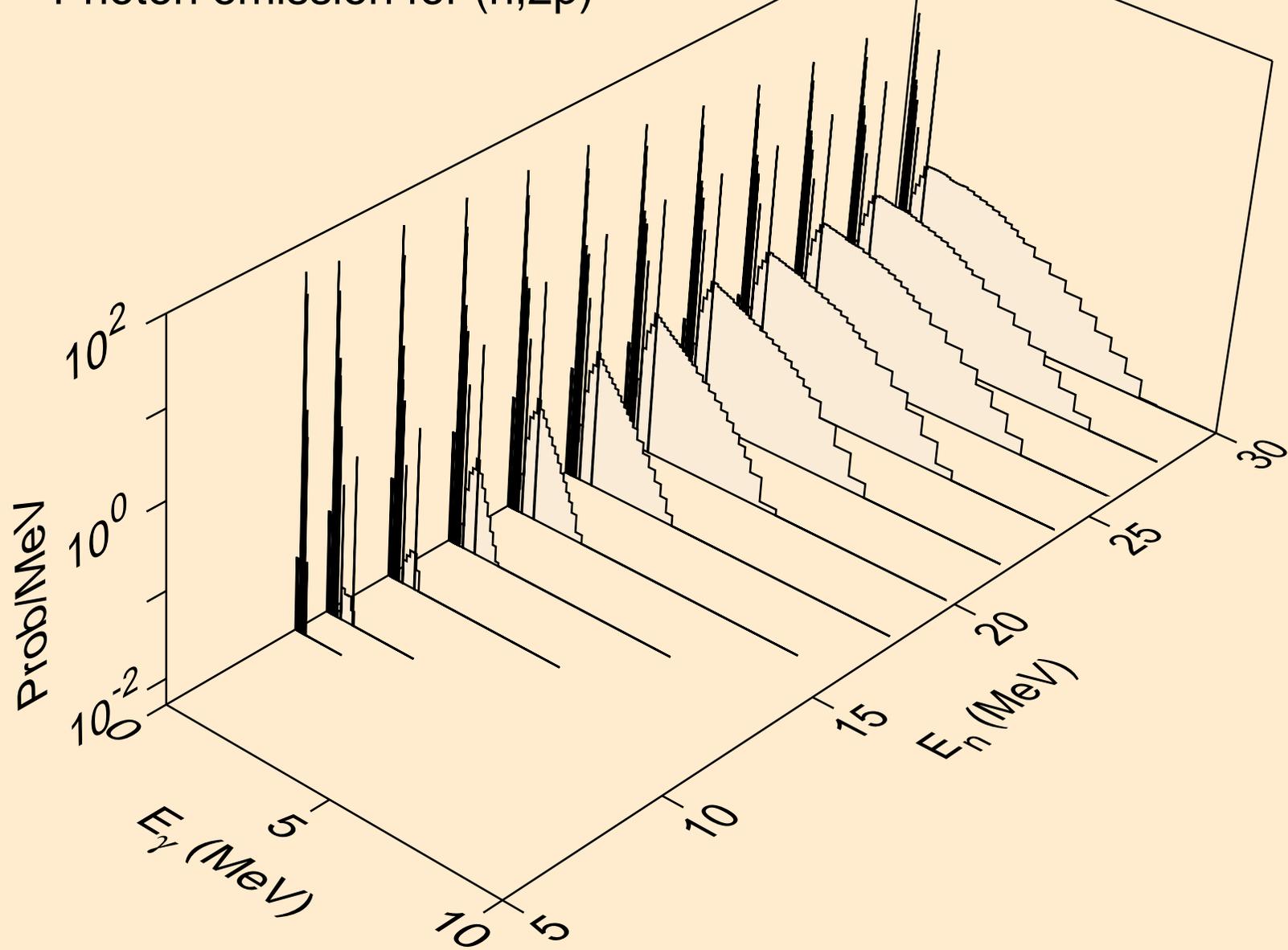Photon emission for (n,he3)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
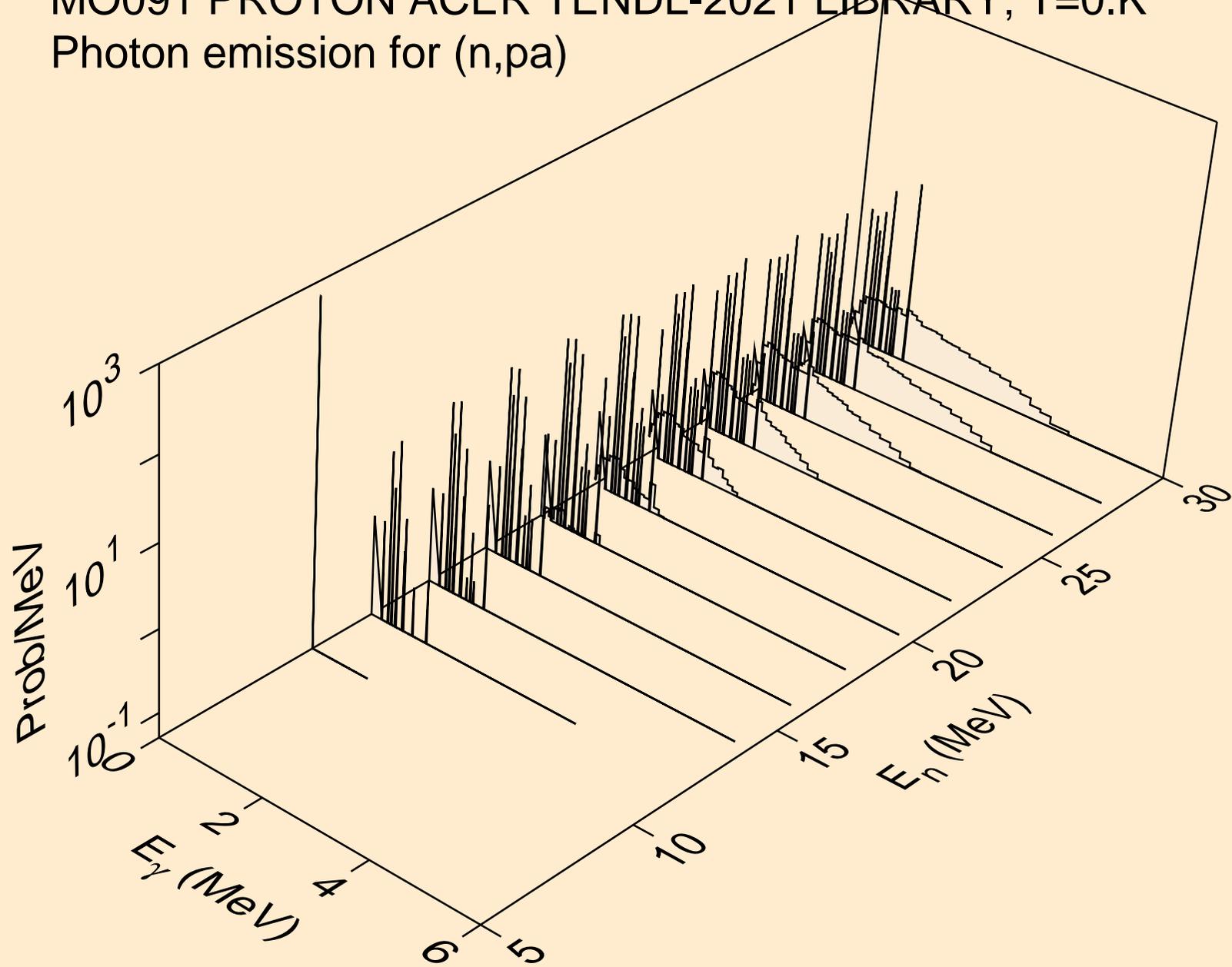Photon emission for (n,a)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
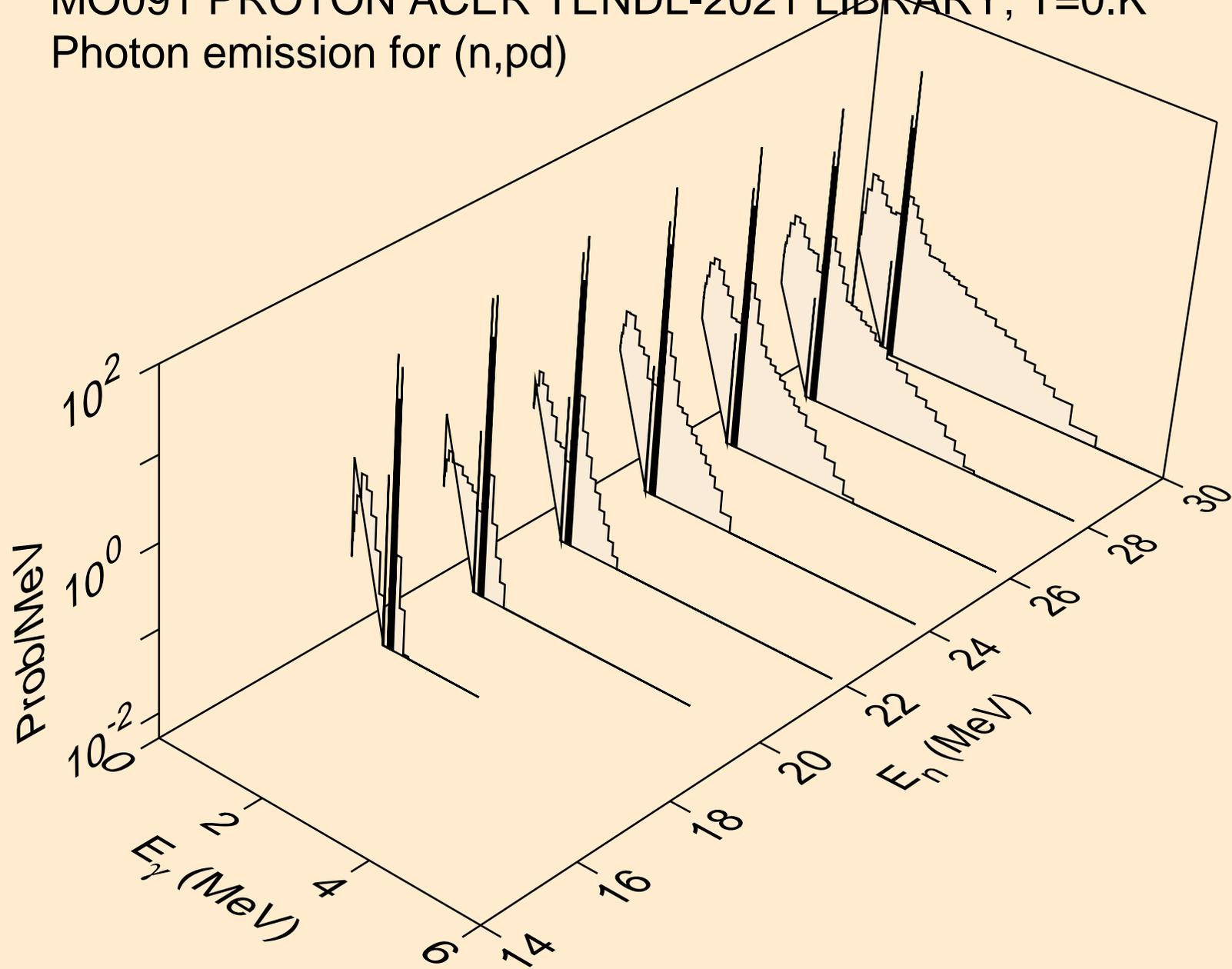Photon emission for (n,2a)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
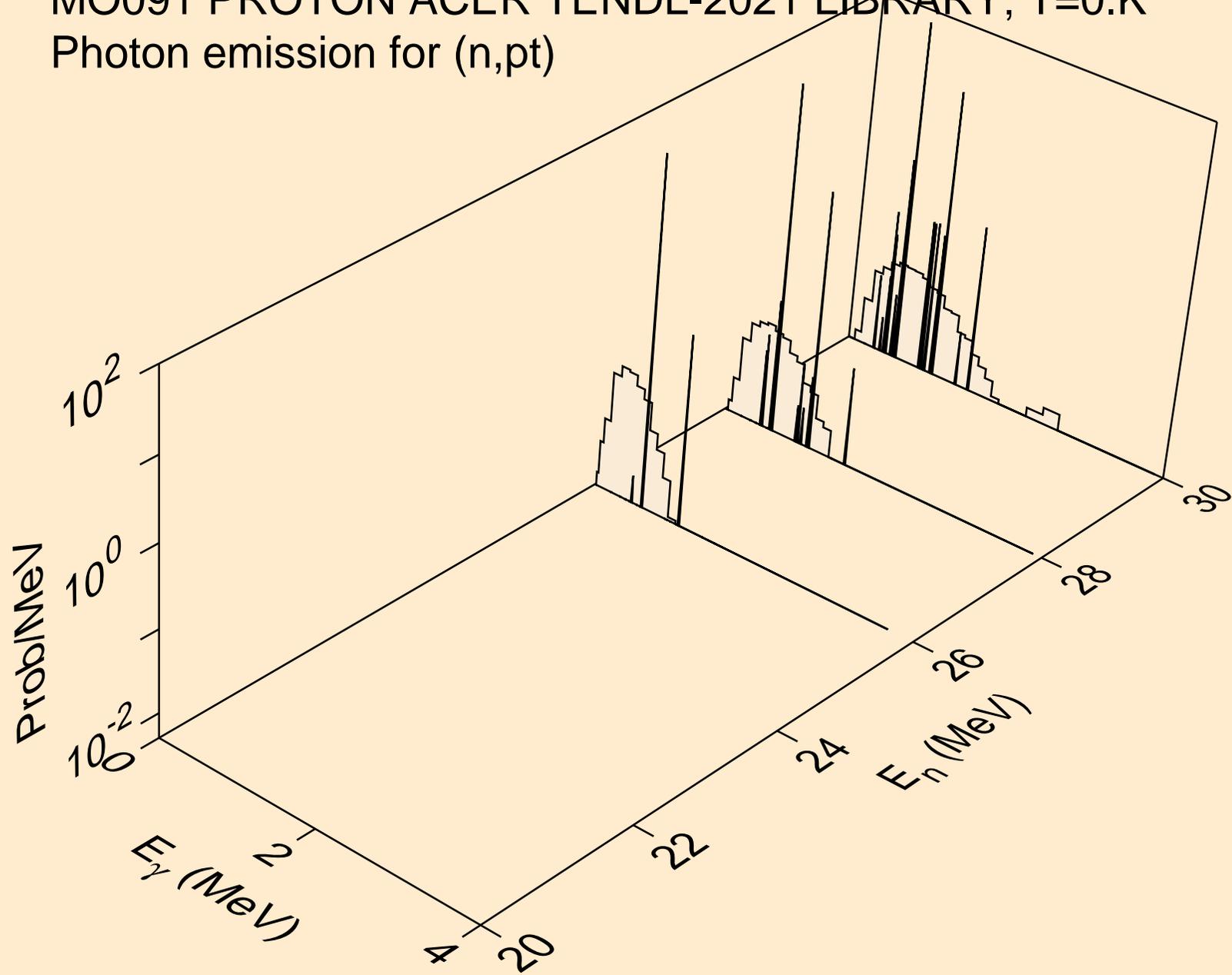Photon emission for (n,2p)

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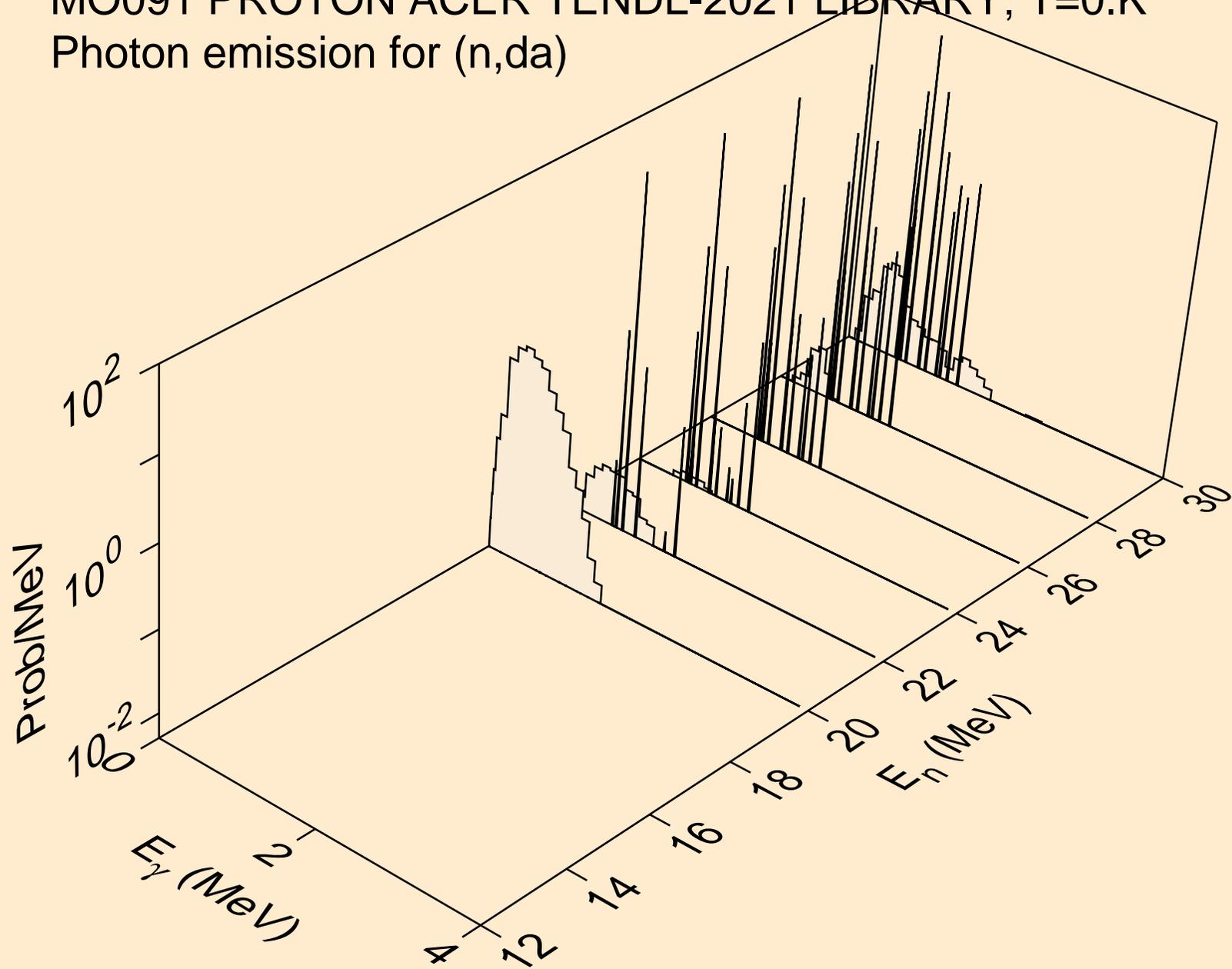Photon emission for (n,pa)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
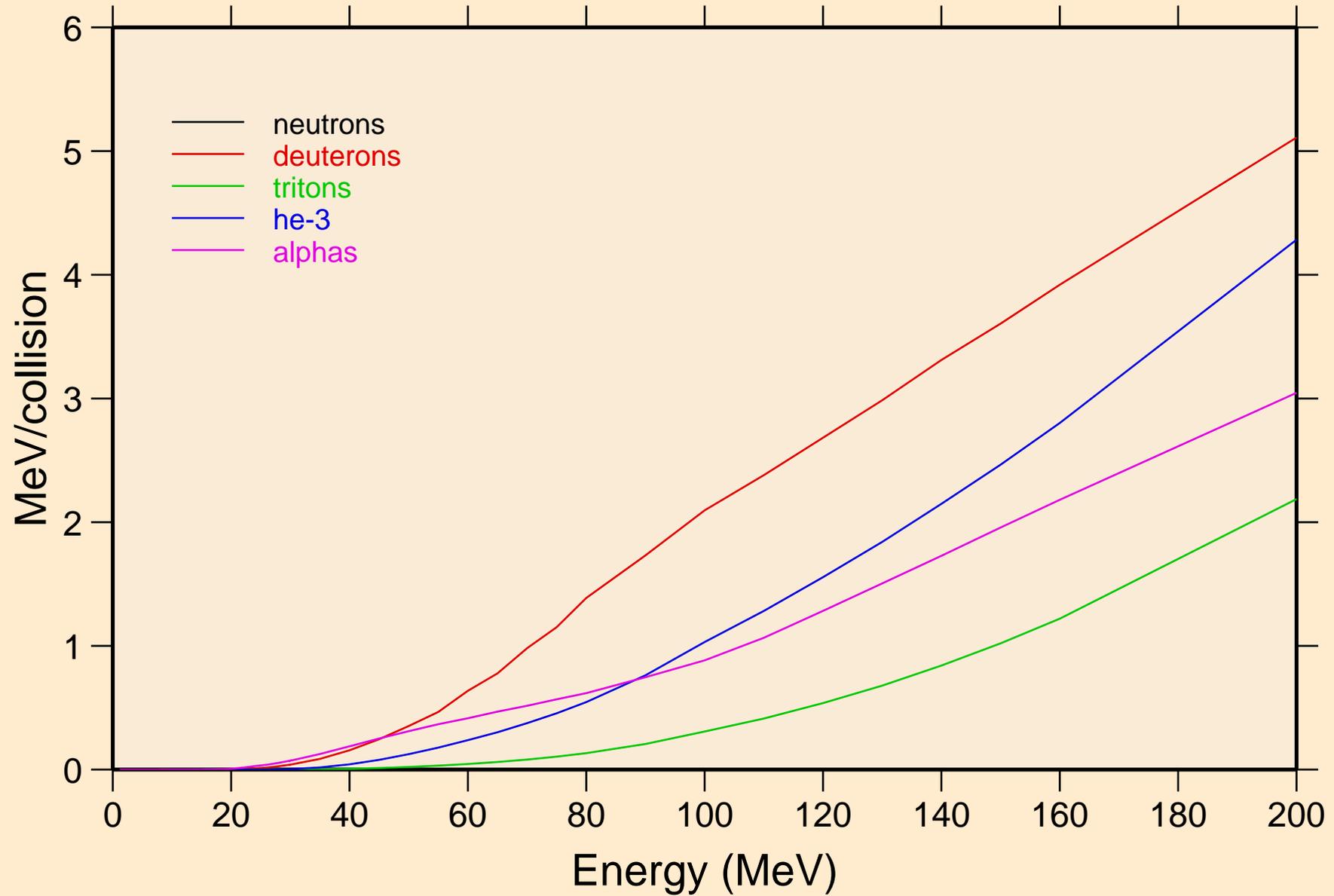Photon emission for (n,pd)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
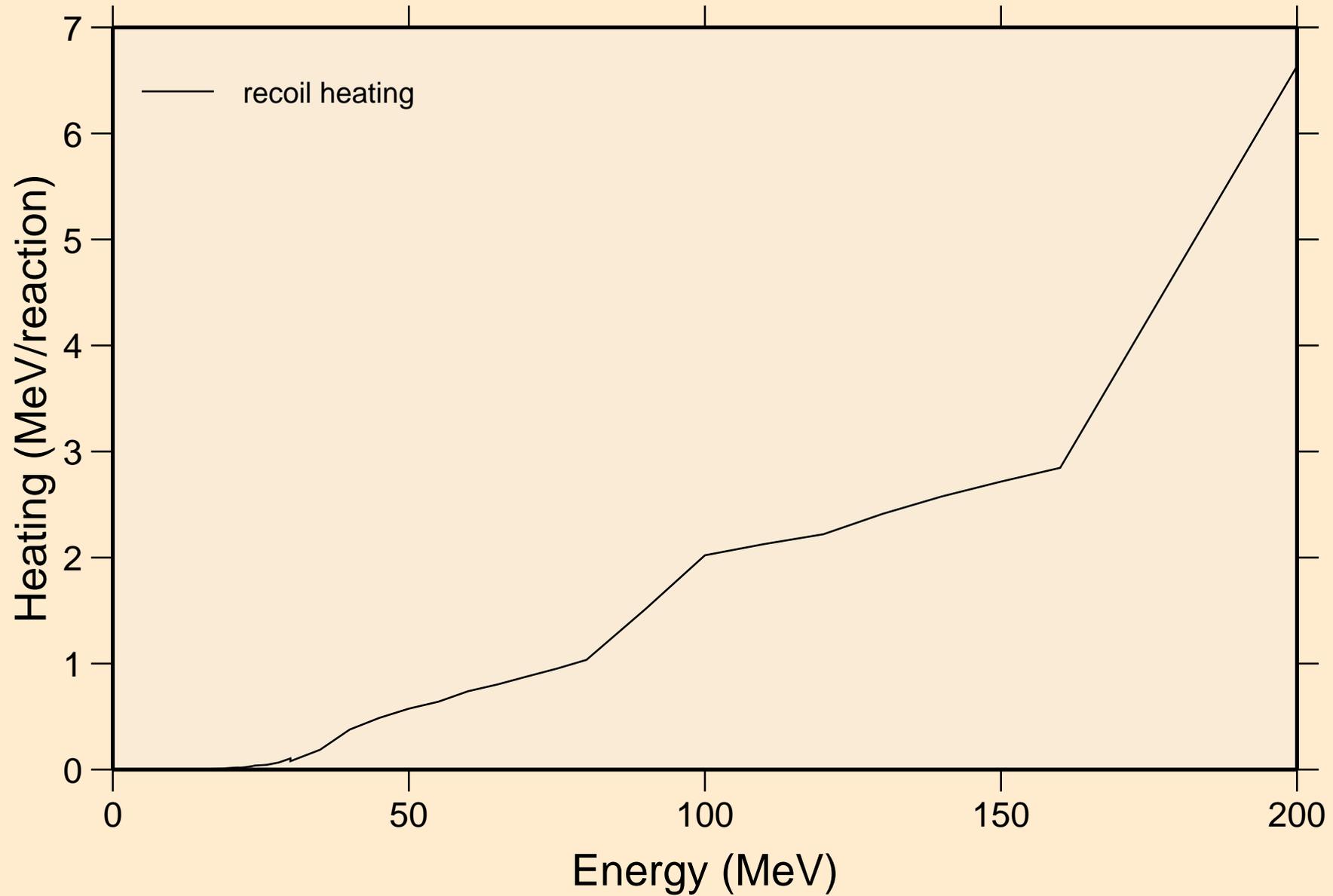Photon emission for (n,pt)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,da)

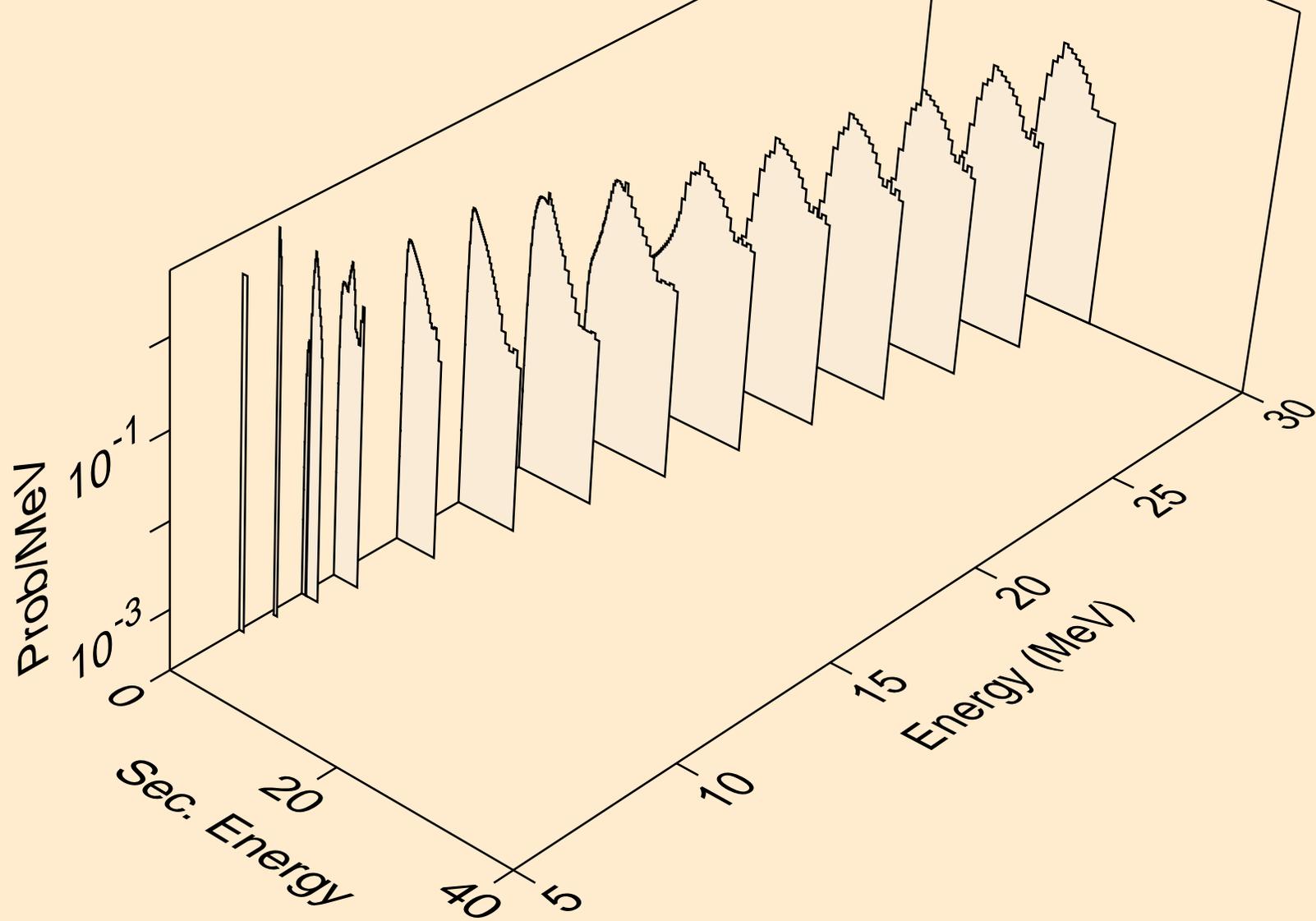MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Particle heating contributions

neutrons
deuterons
tritons
he-3
alphas

MeV/collision

Energy (MeV)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Recoil Heating

recoil heating

Heating (MeV/reaction)

Energy (MeV)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
Particle production cross sections

neutrons
deuterons
tritons
he-3
alphas
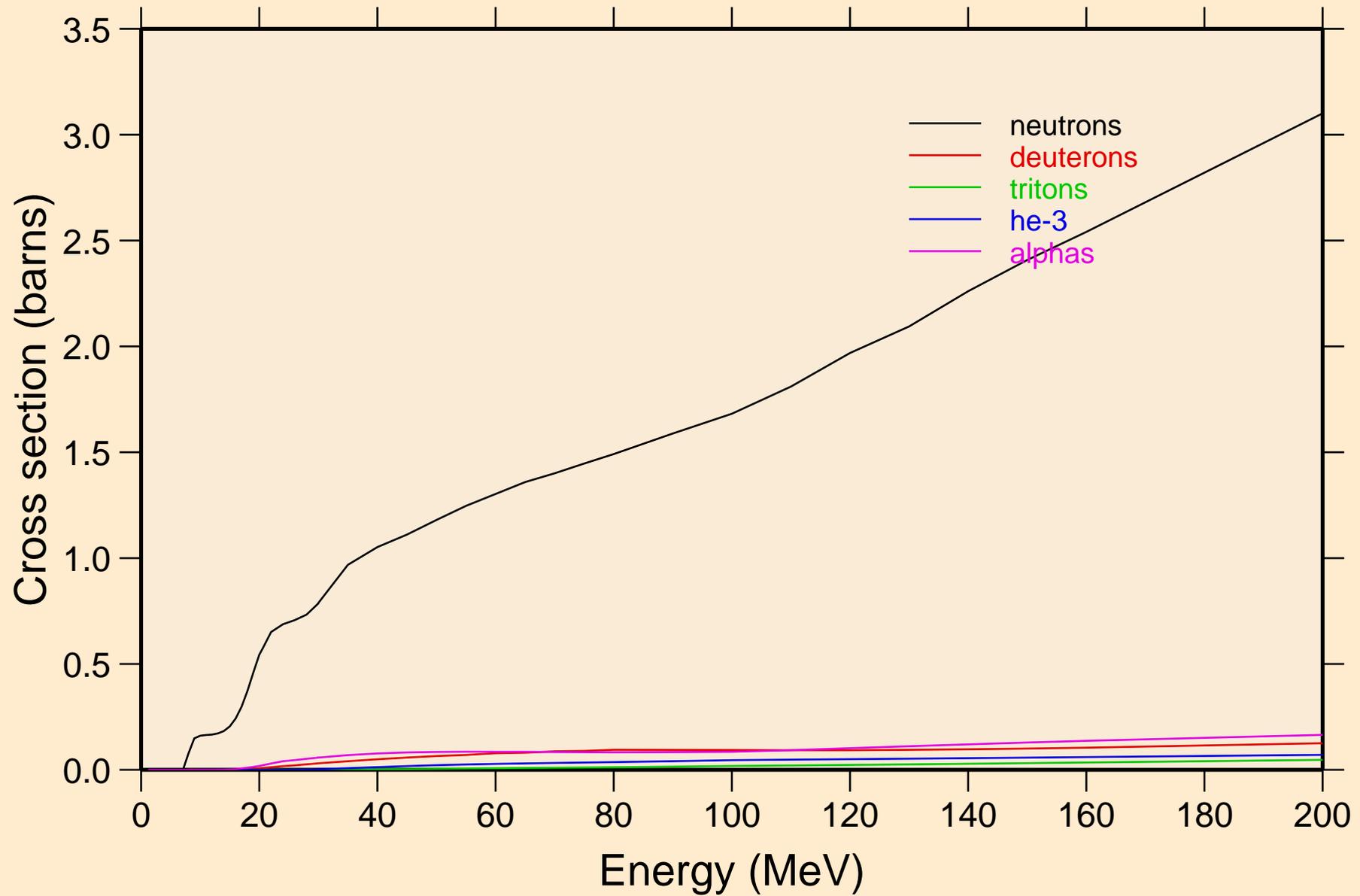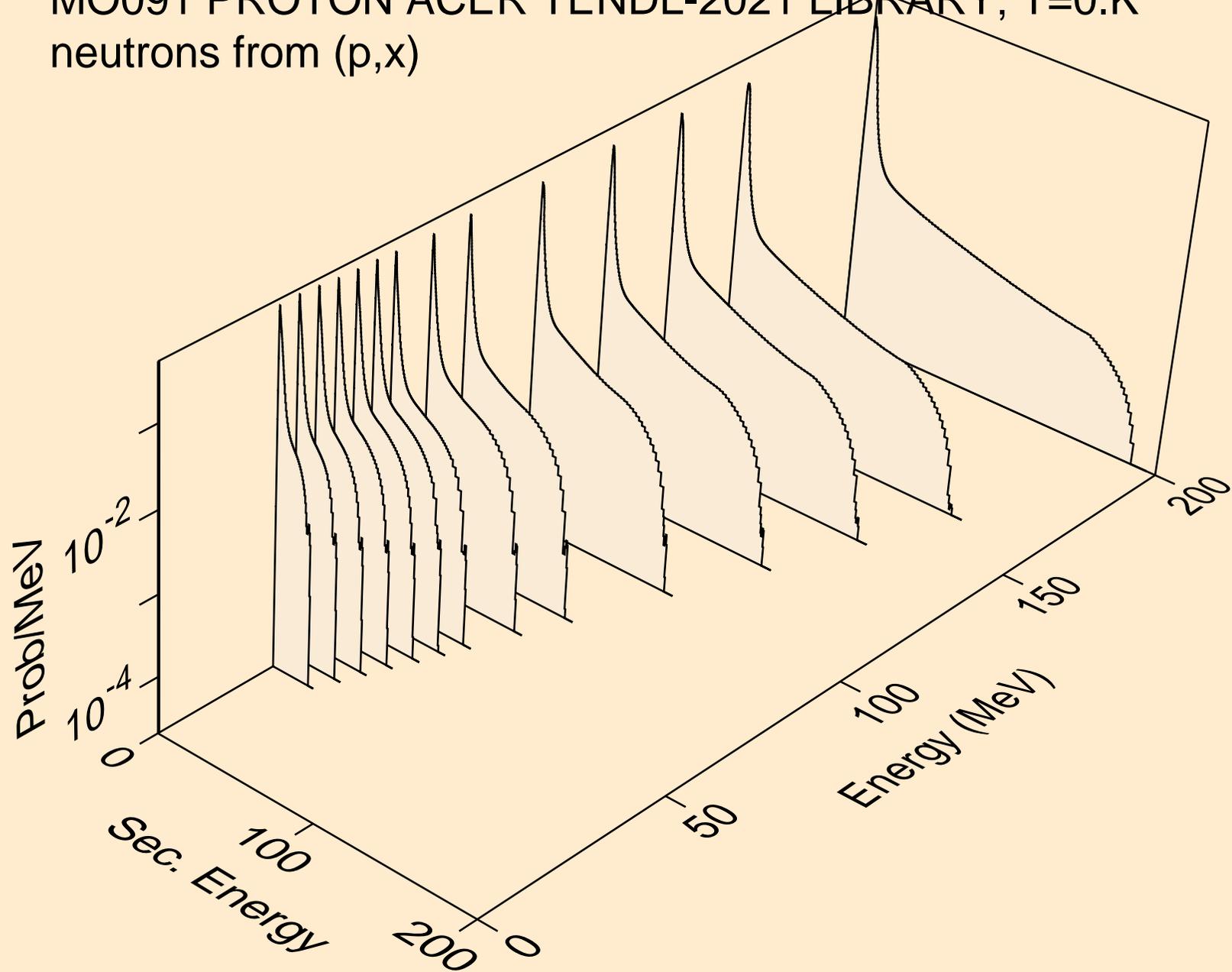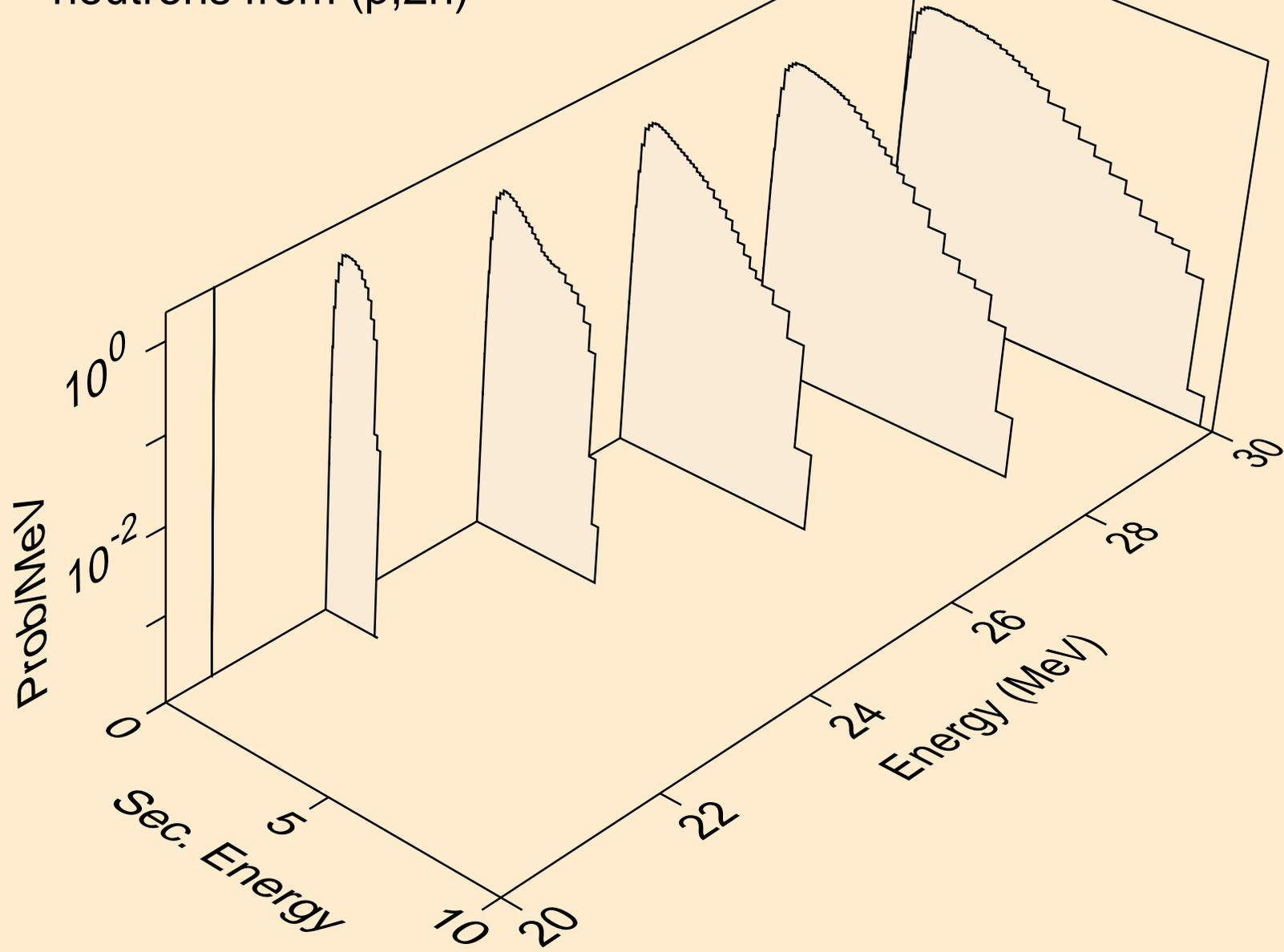
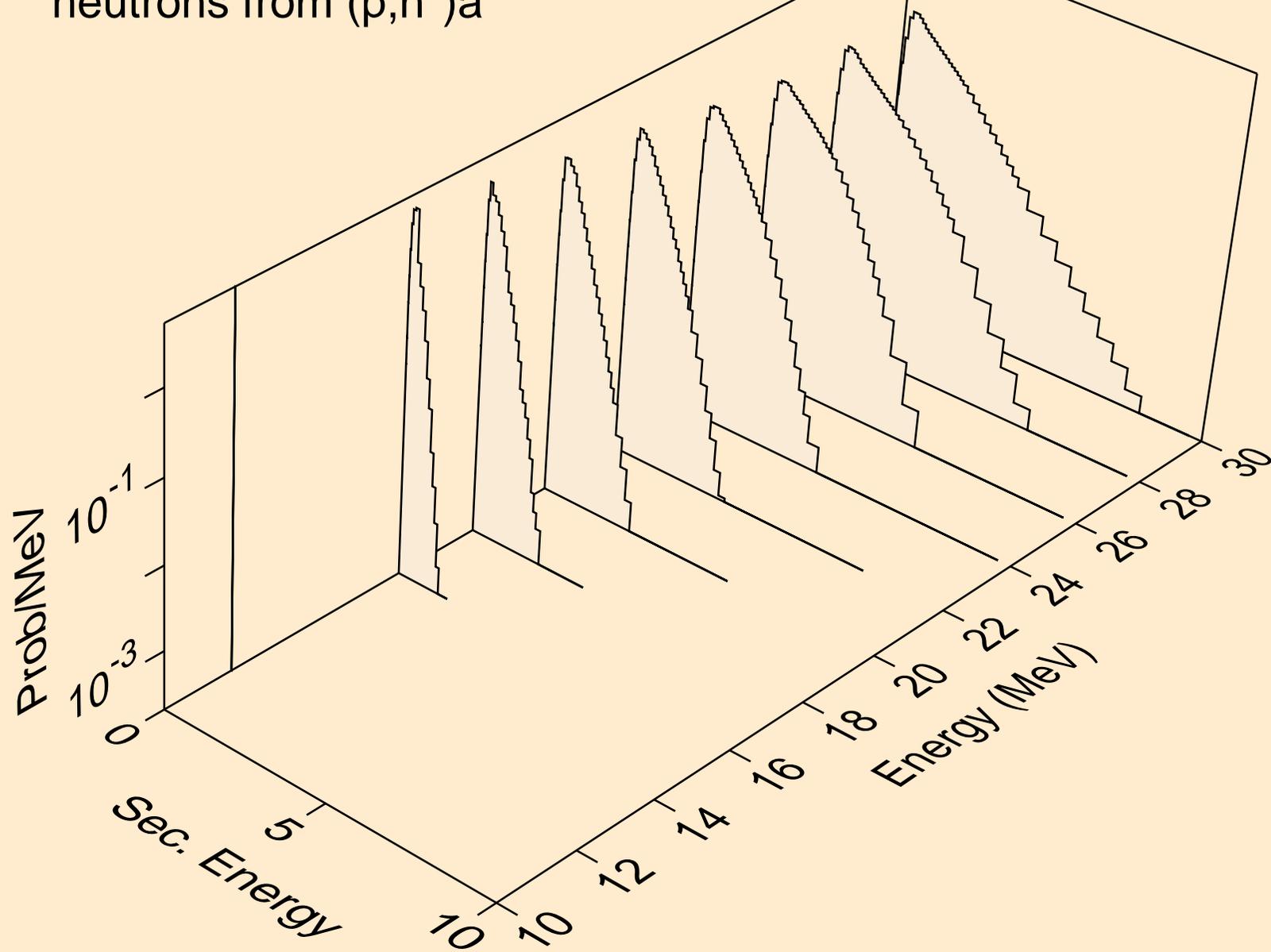MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n)

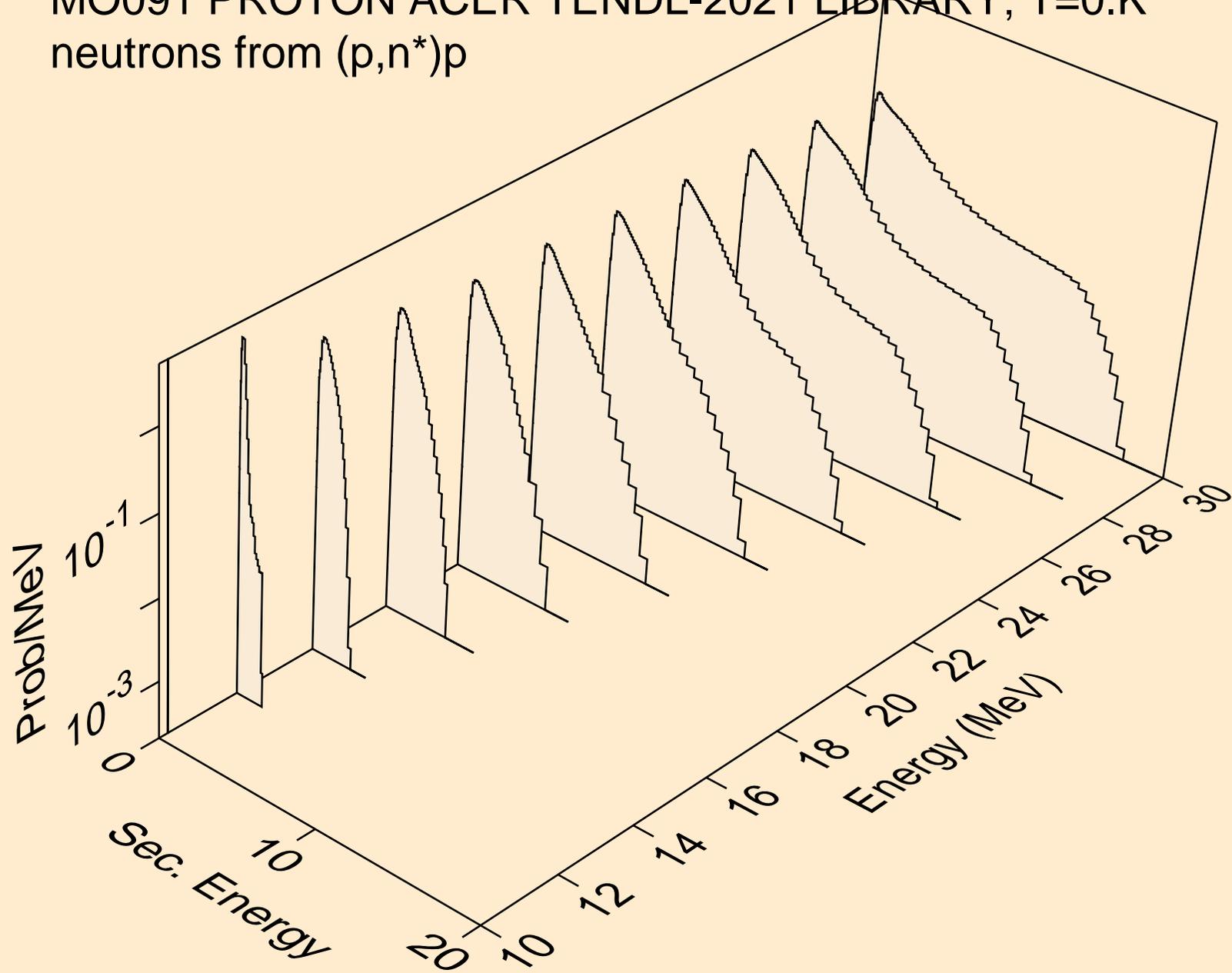MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,x)

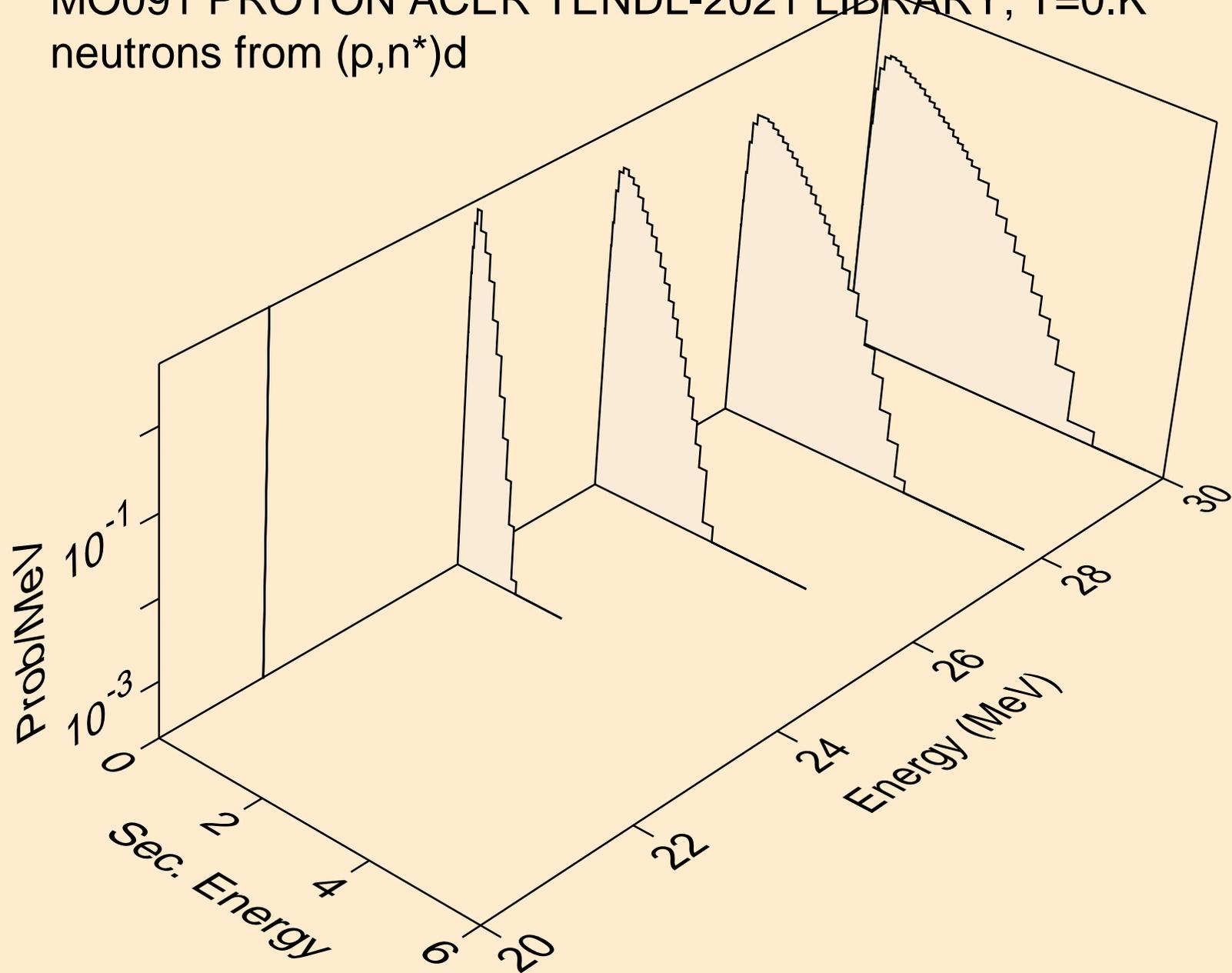MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2n)

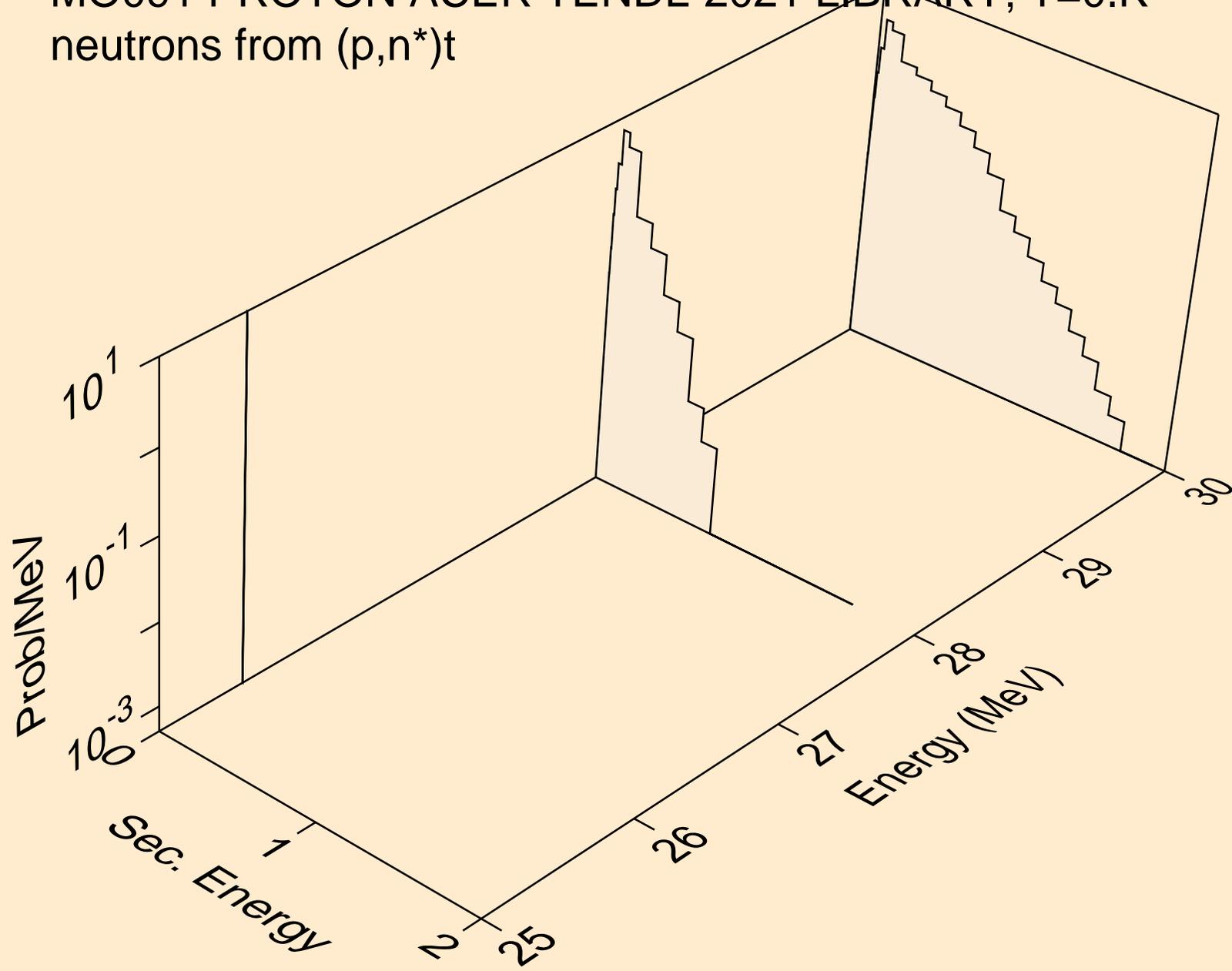MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)a

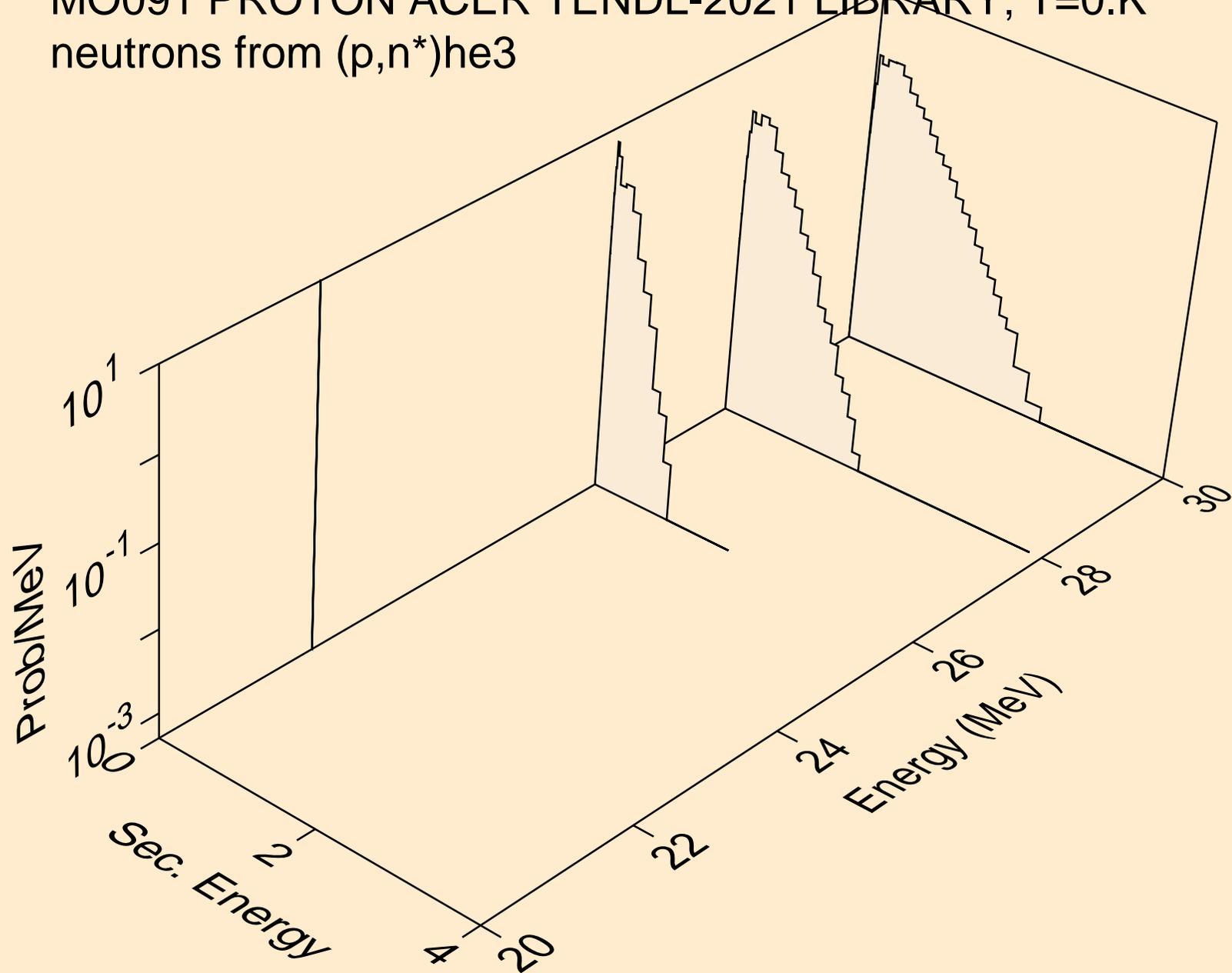MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)p

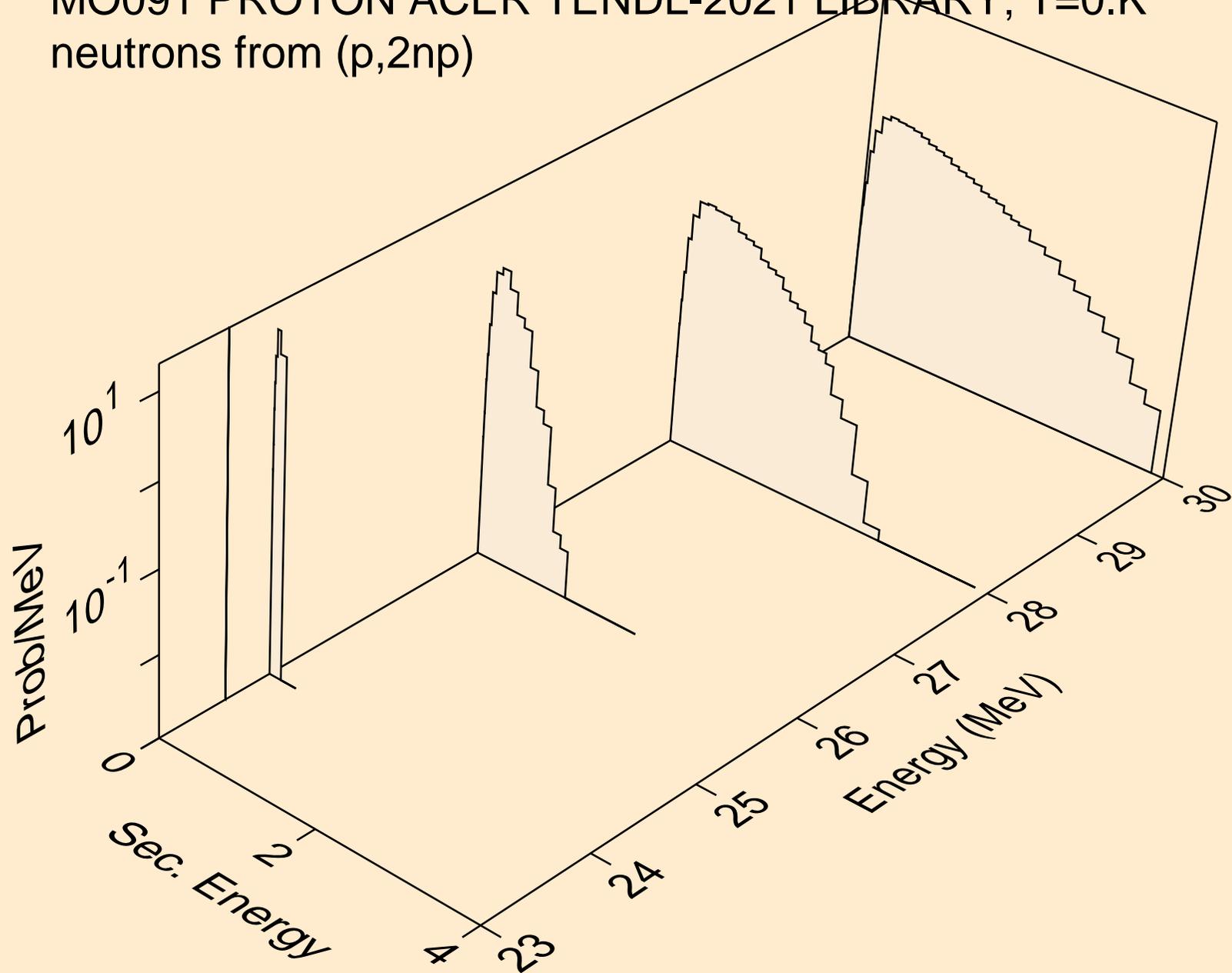MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)d

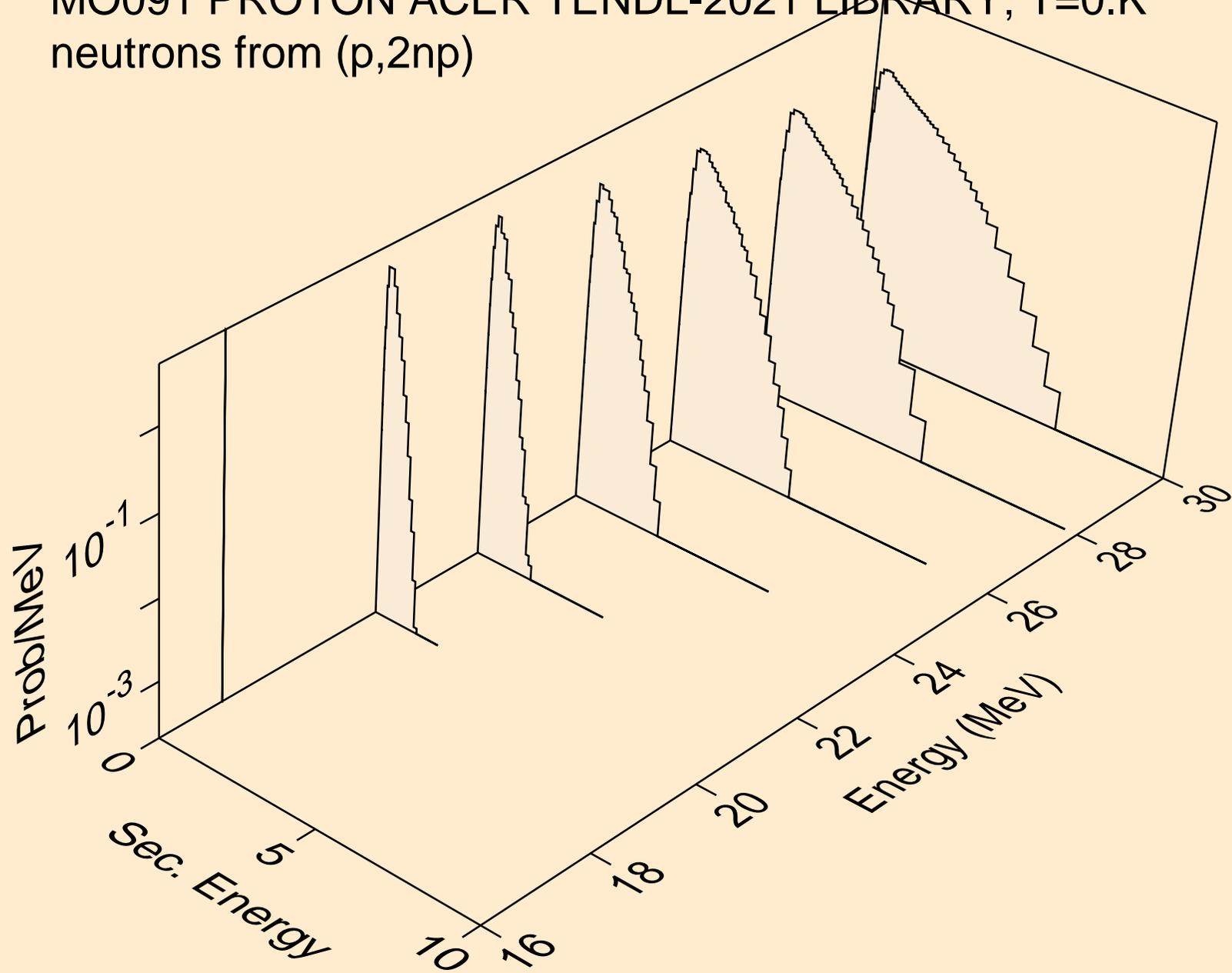MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)t

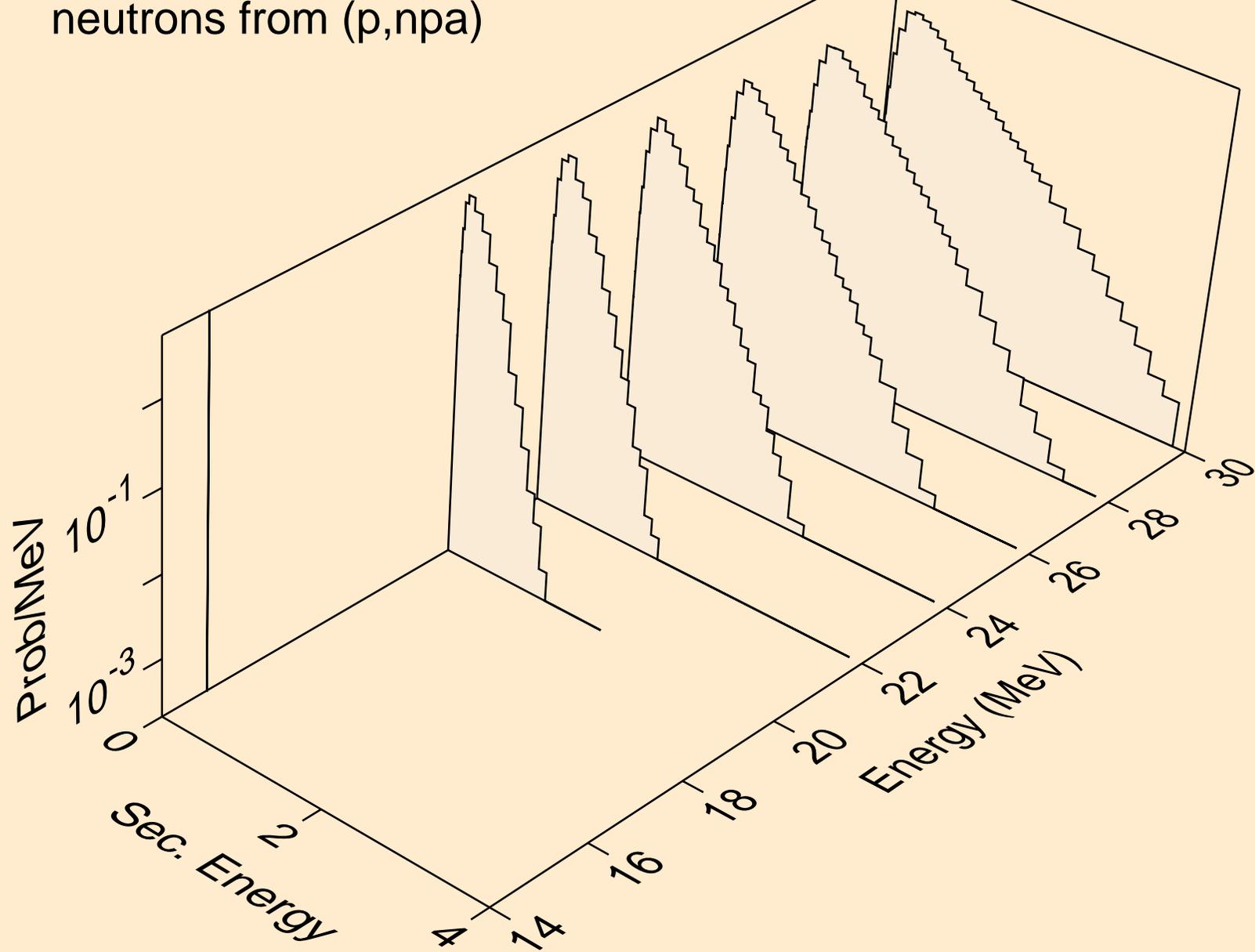MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,n*)he3

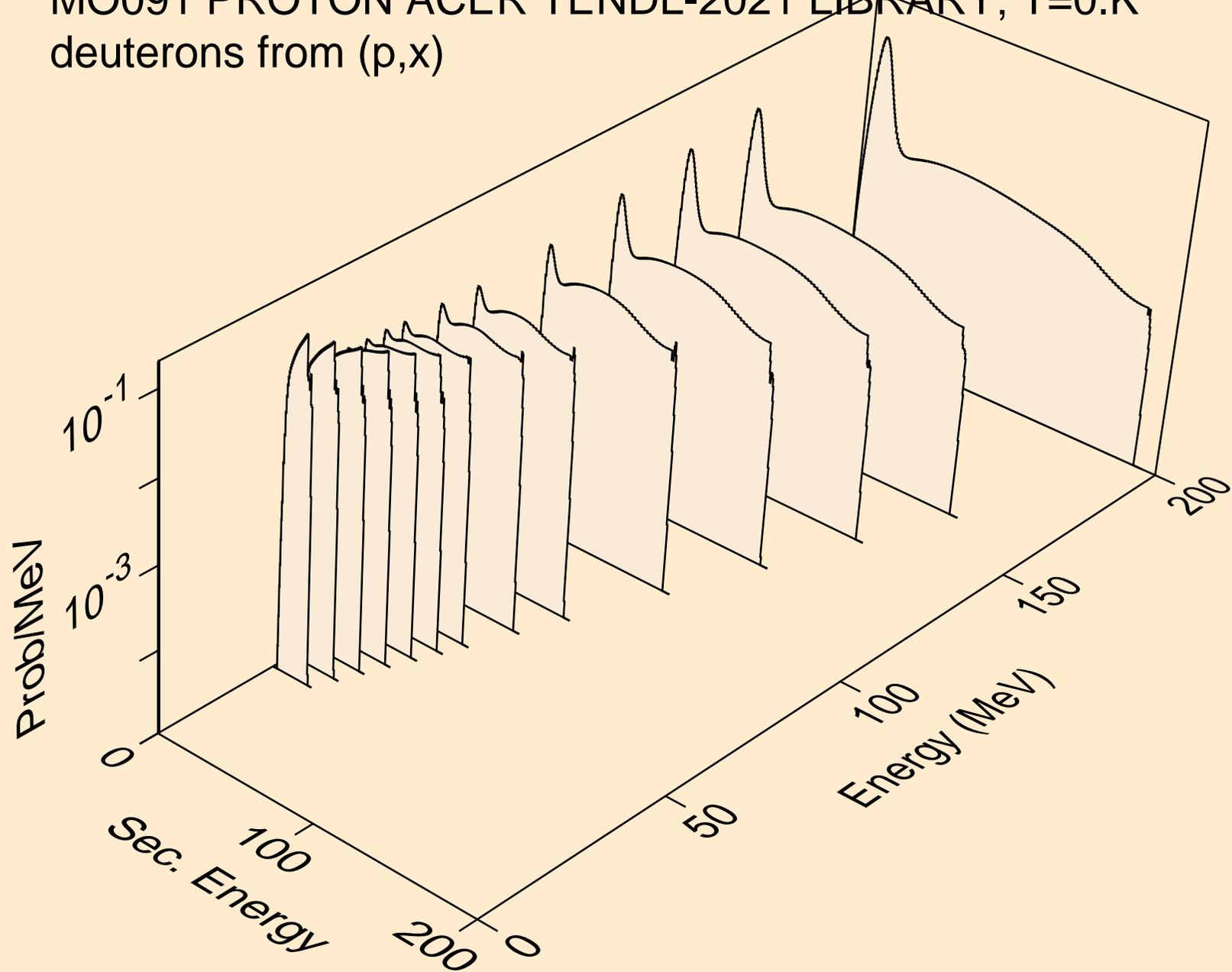MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (p,2np)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
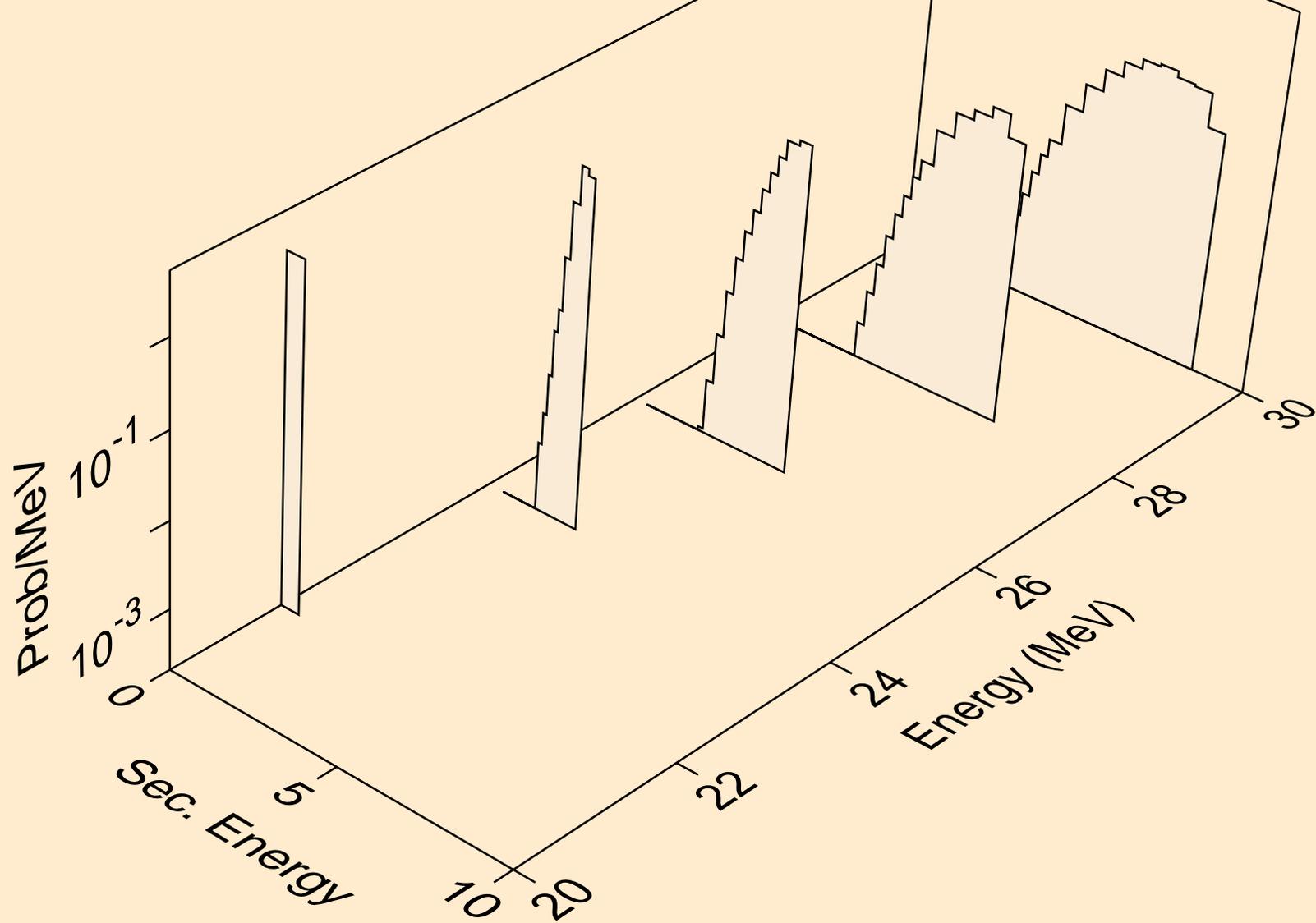neutrons from (p,2np)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
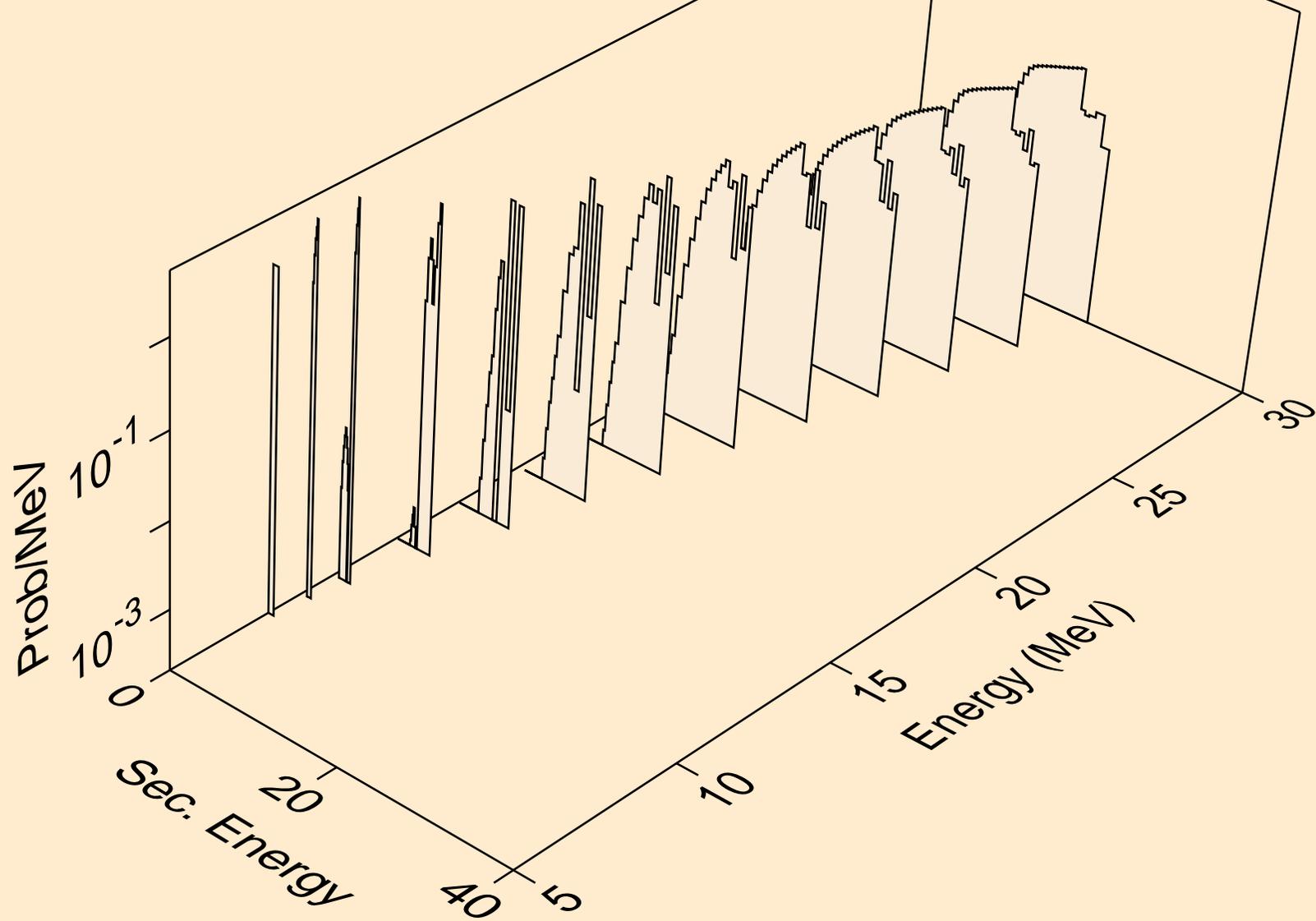neutrons from (p,npa)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
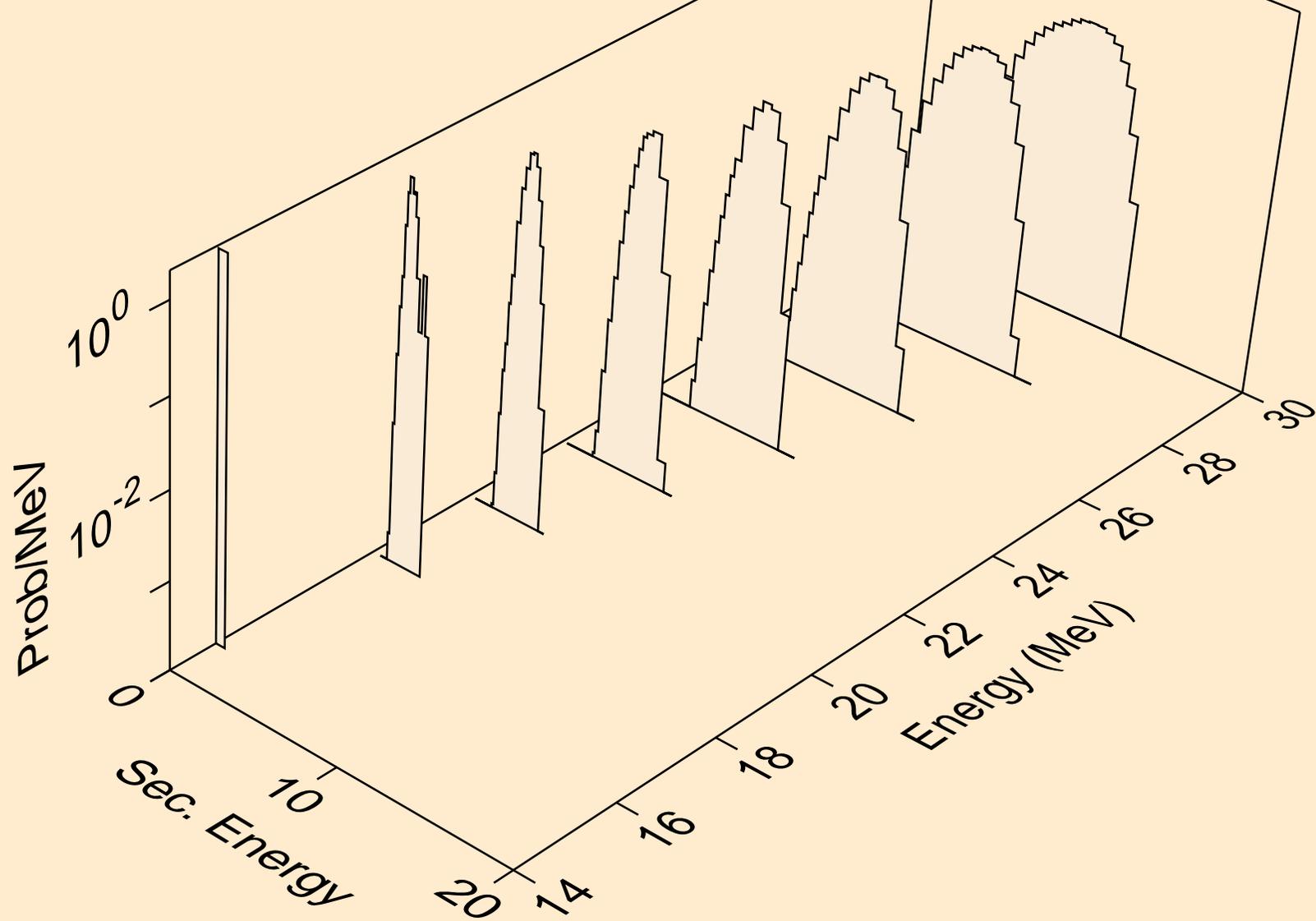deuterons from (p,x)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
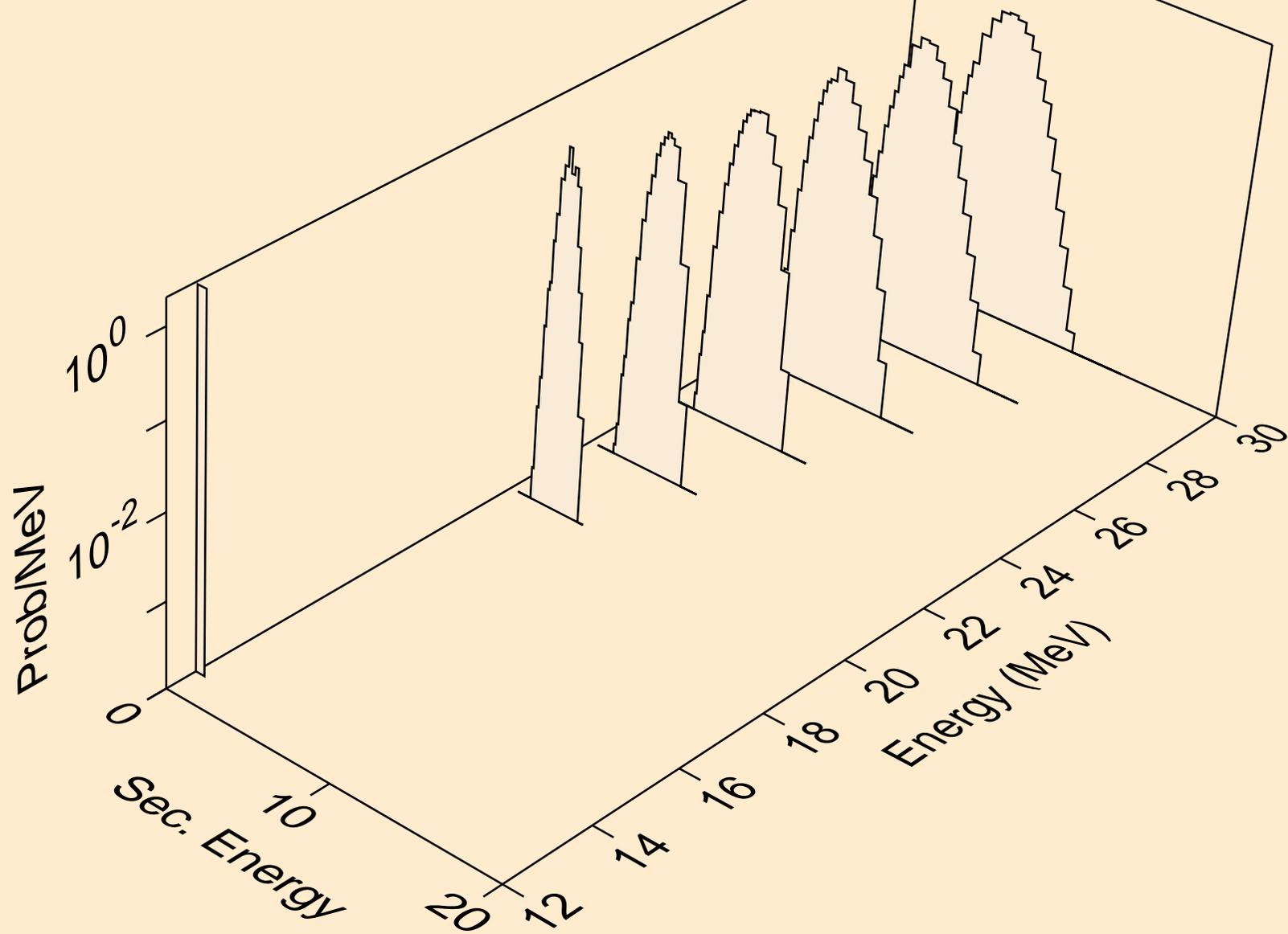deuterons from (p,n*)d

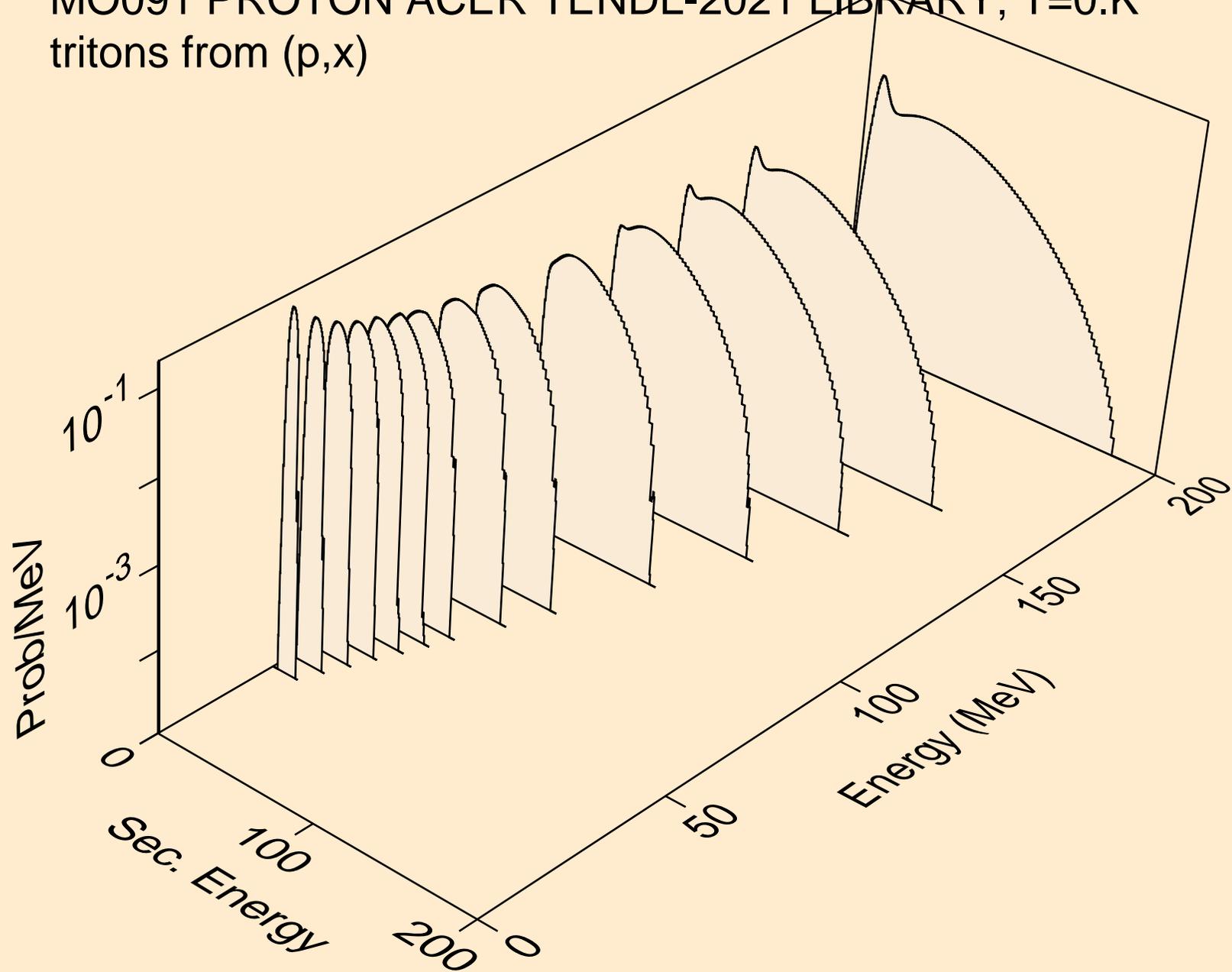MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,d)

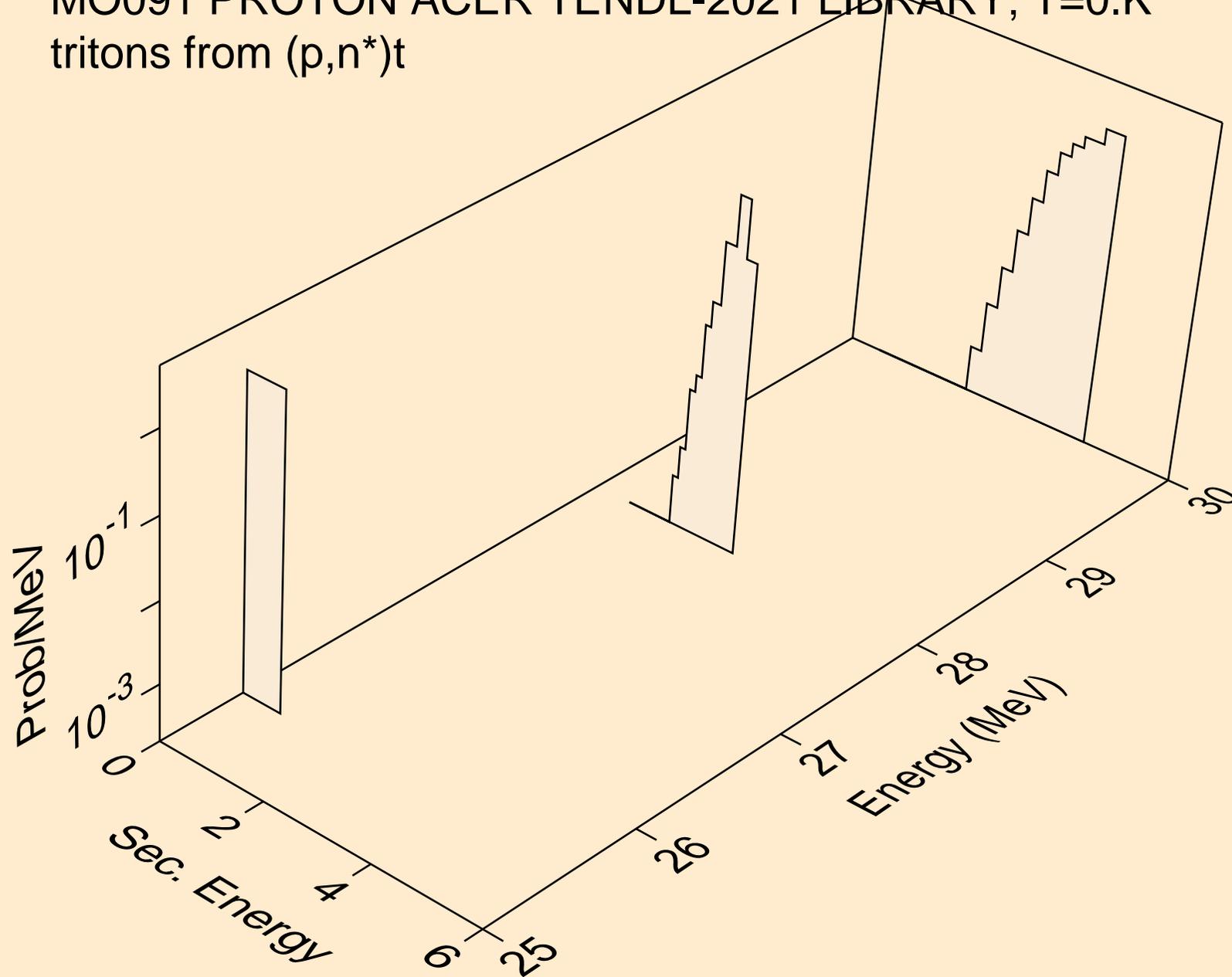MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (p,pd)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
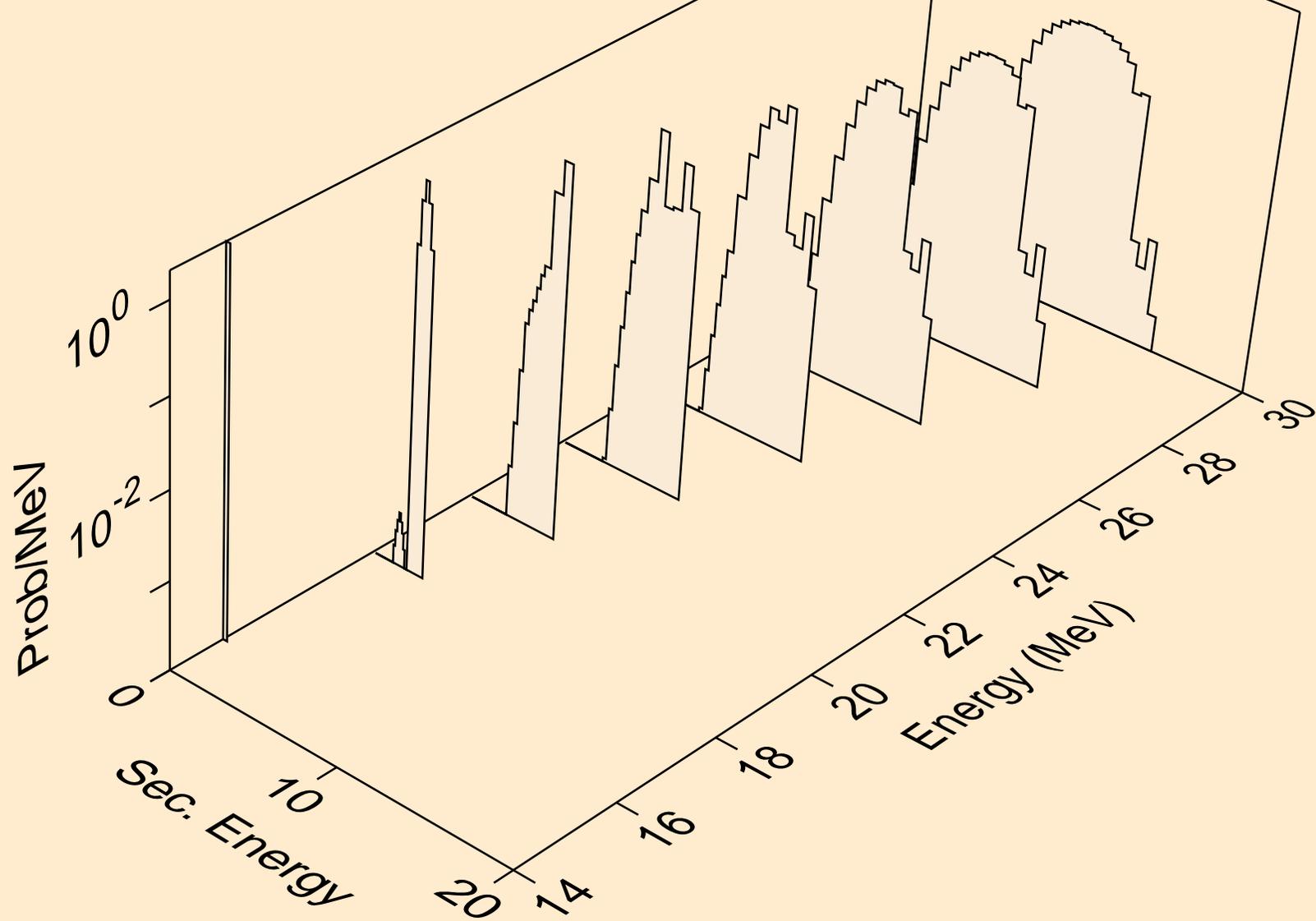deuterons from (p,da)

Prob/MeV

Sec. Energy

Energy (MeV)

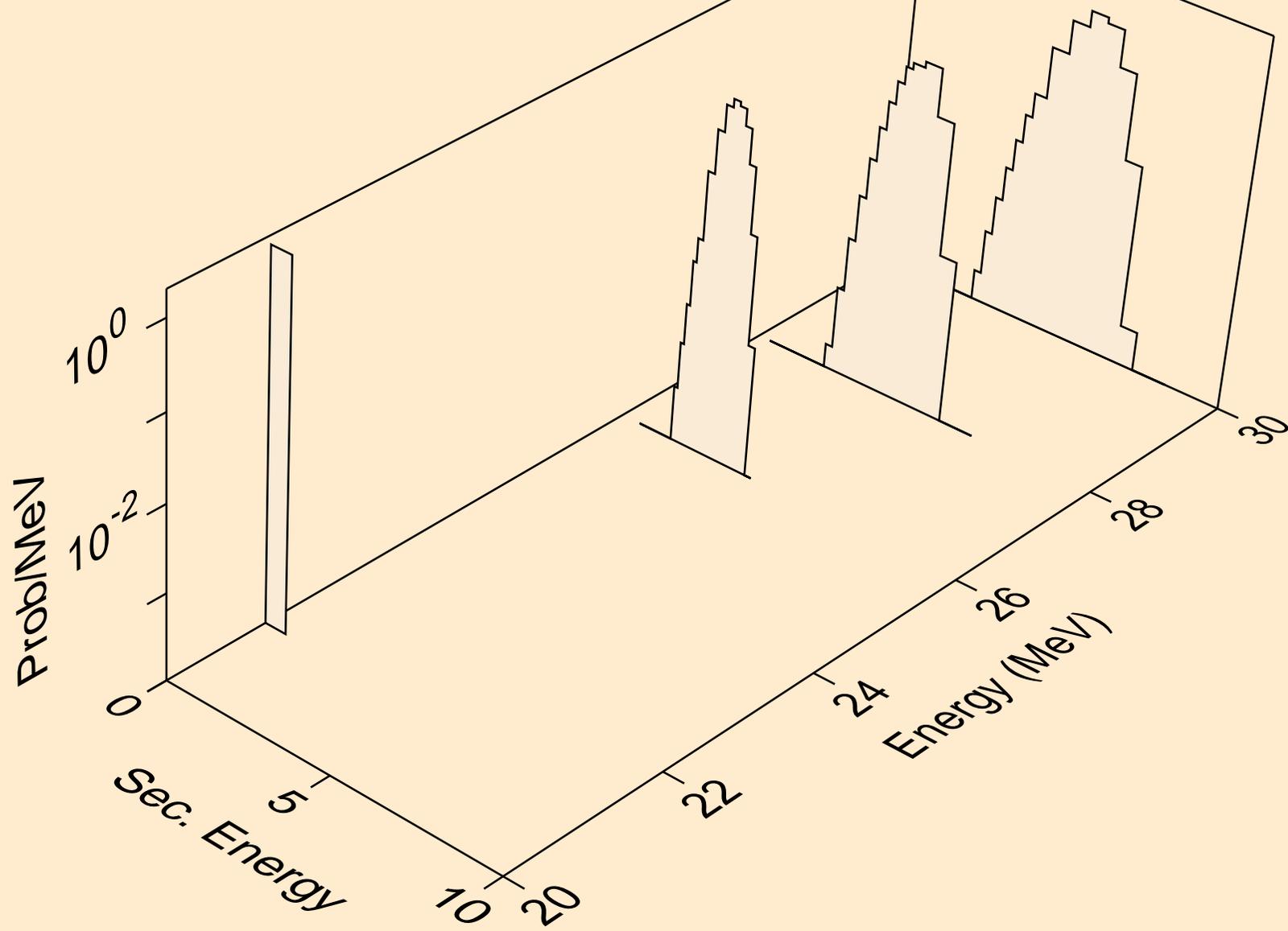MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,x)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
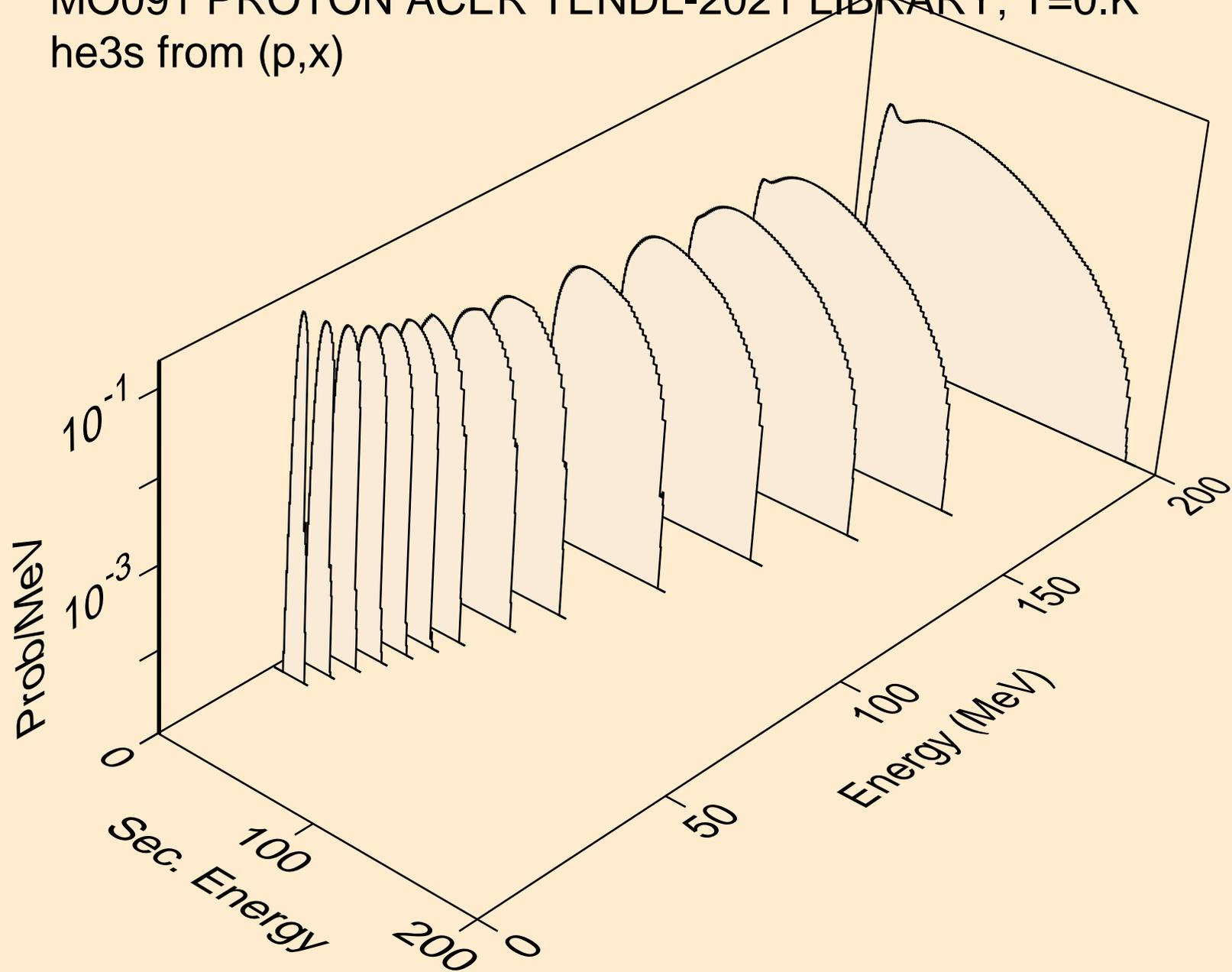tritons from (p,n*)t

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
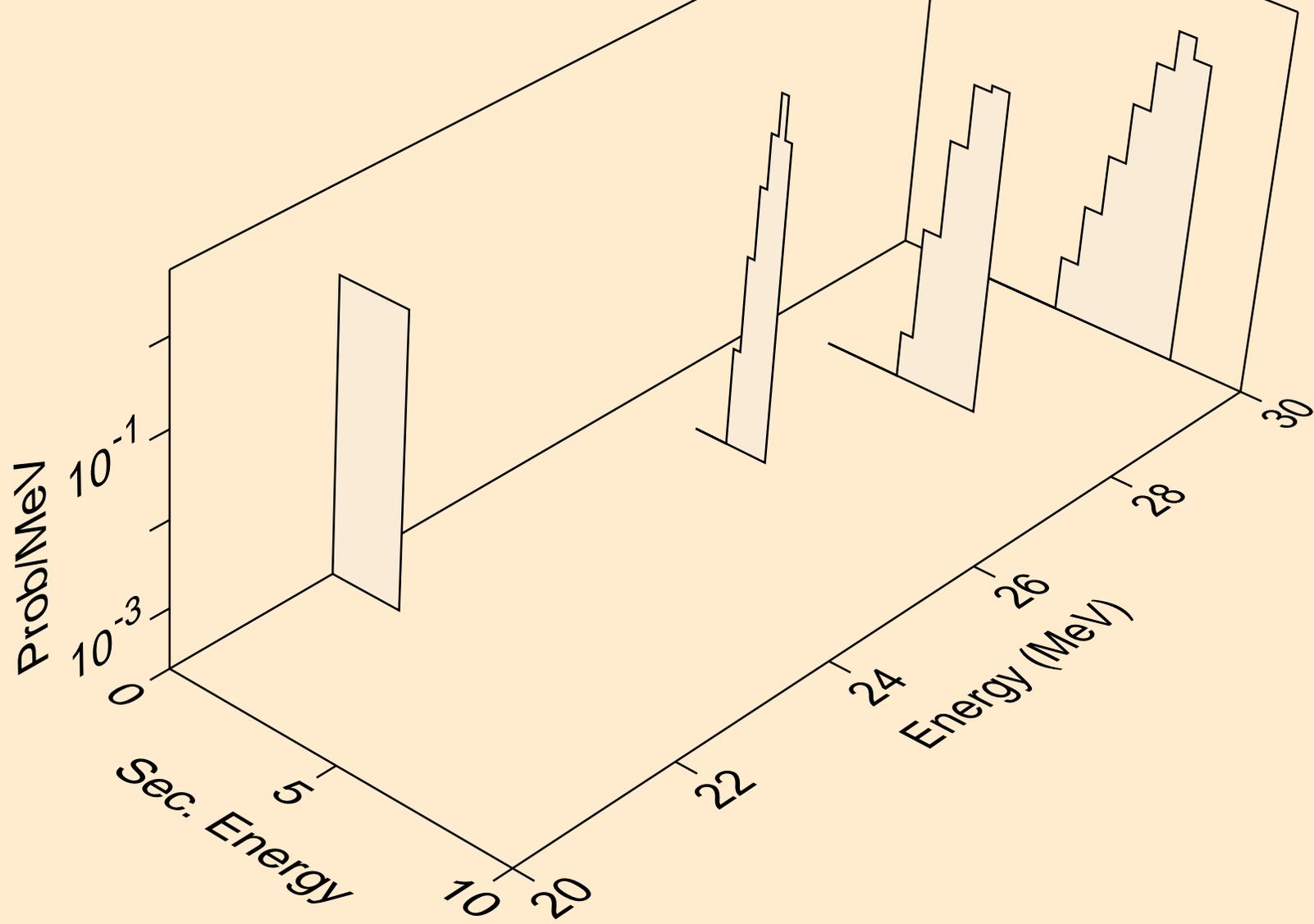tritons from (p,t)

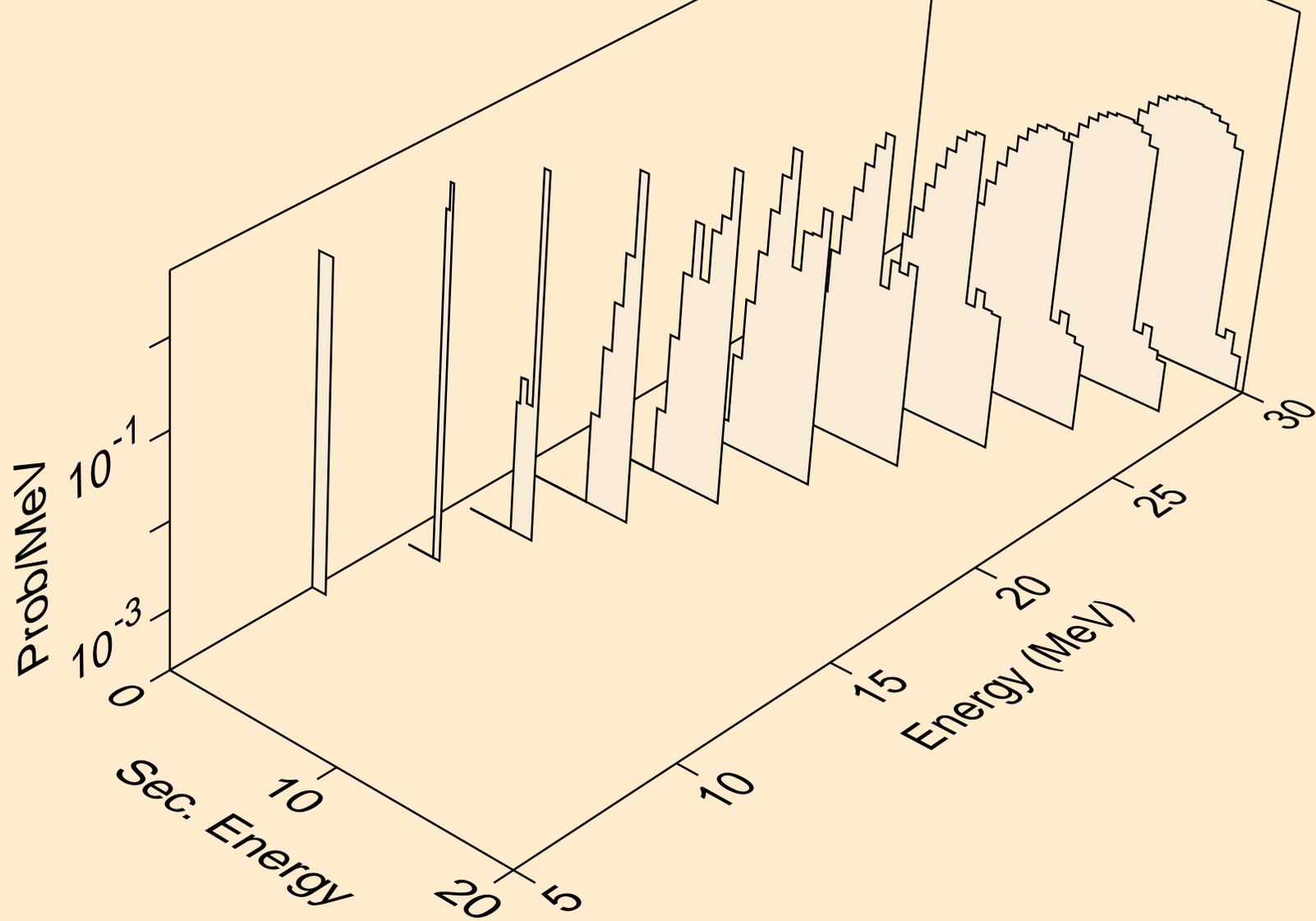MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
tritons from (p,pt)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
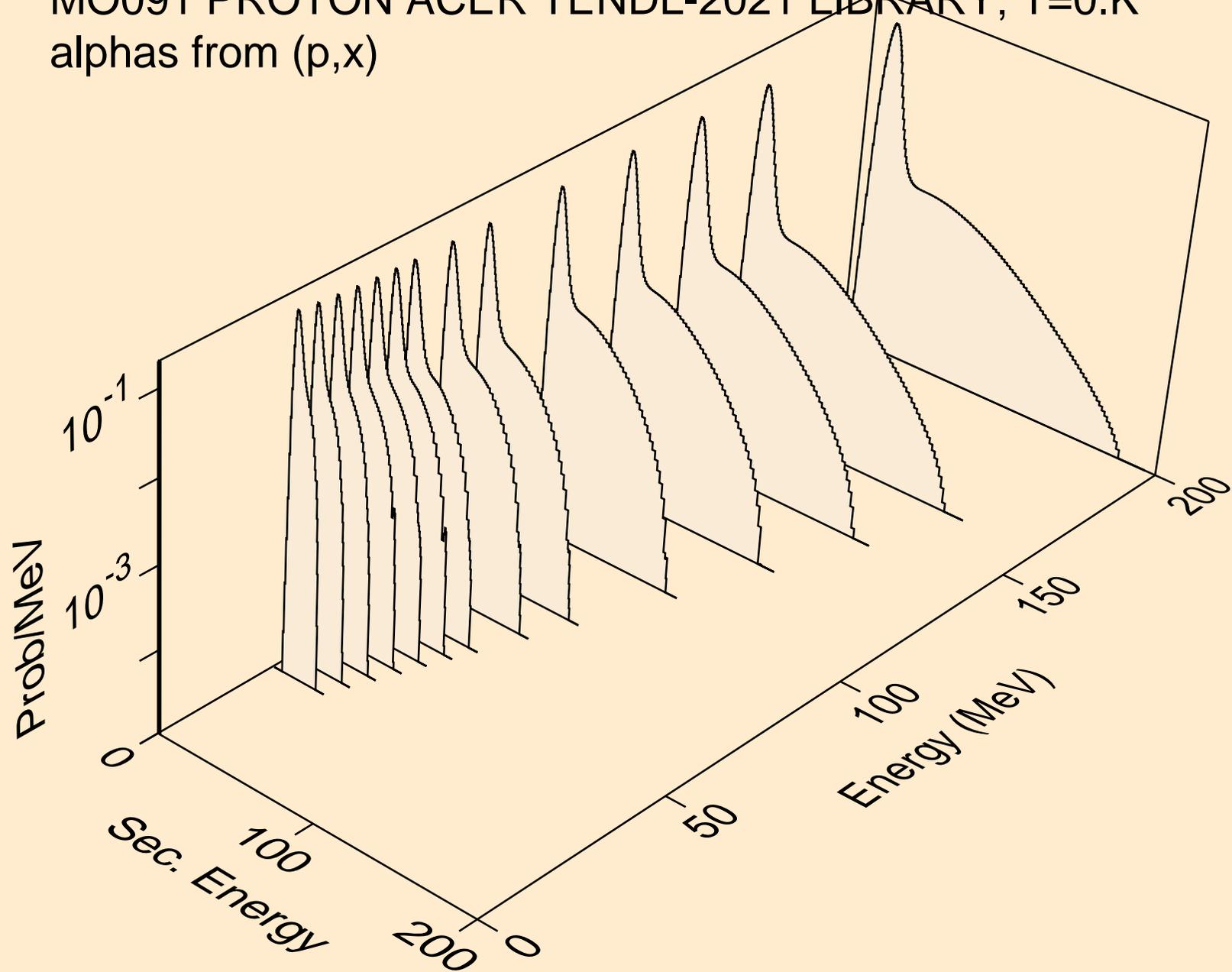he3s from (p,x)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
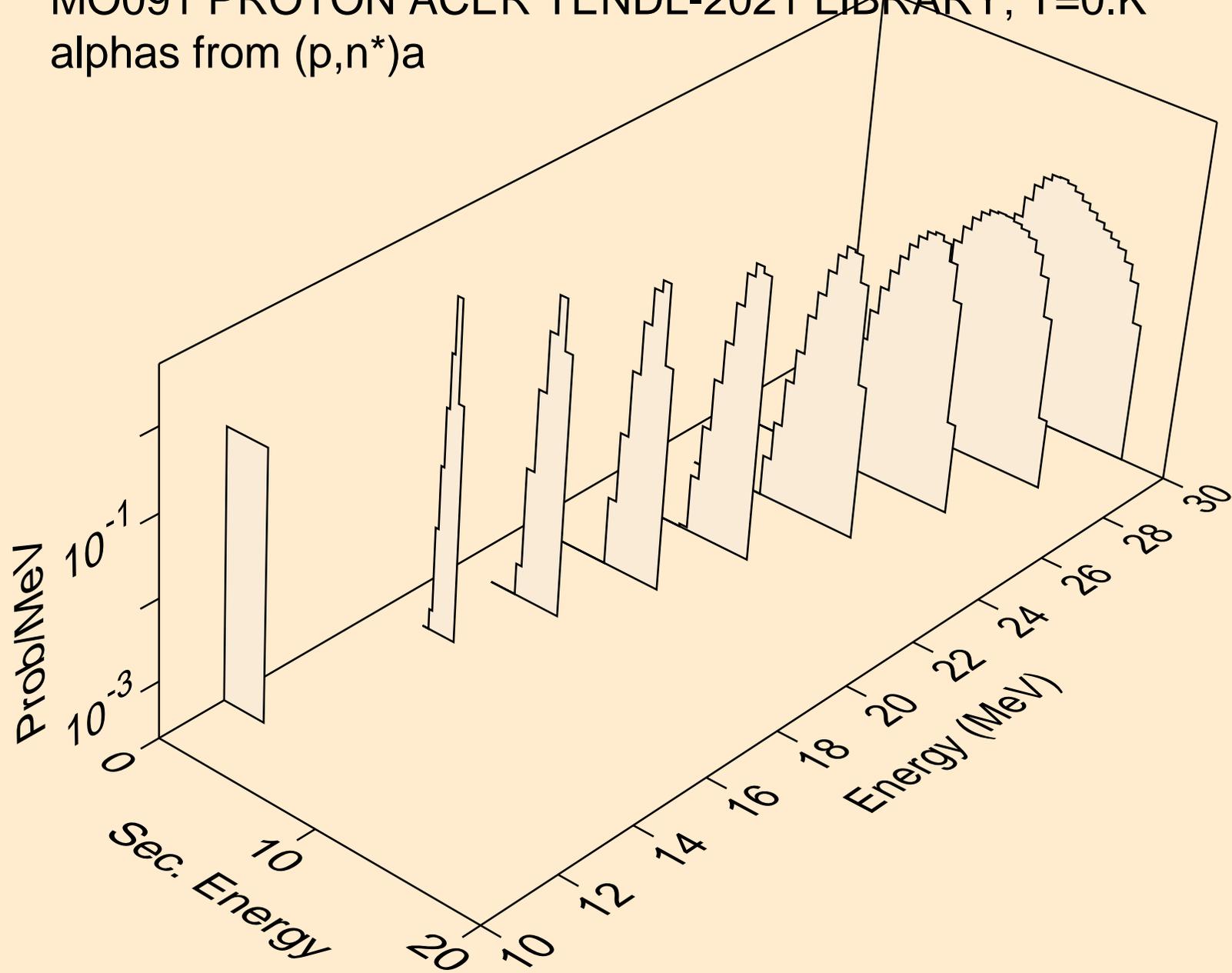he3s from (p,n*)he3

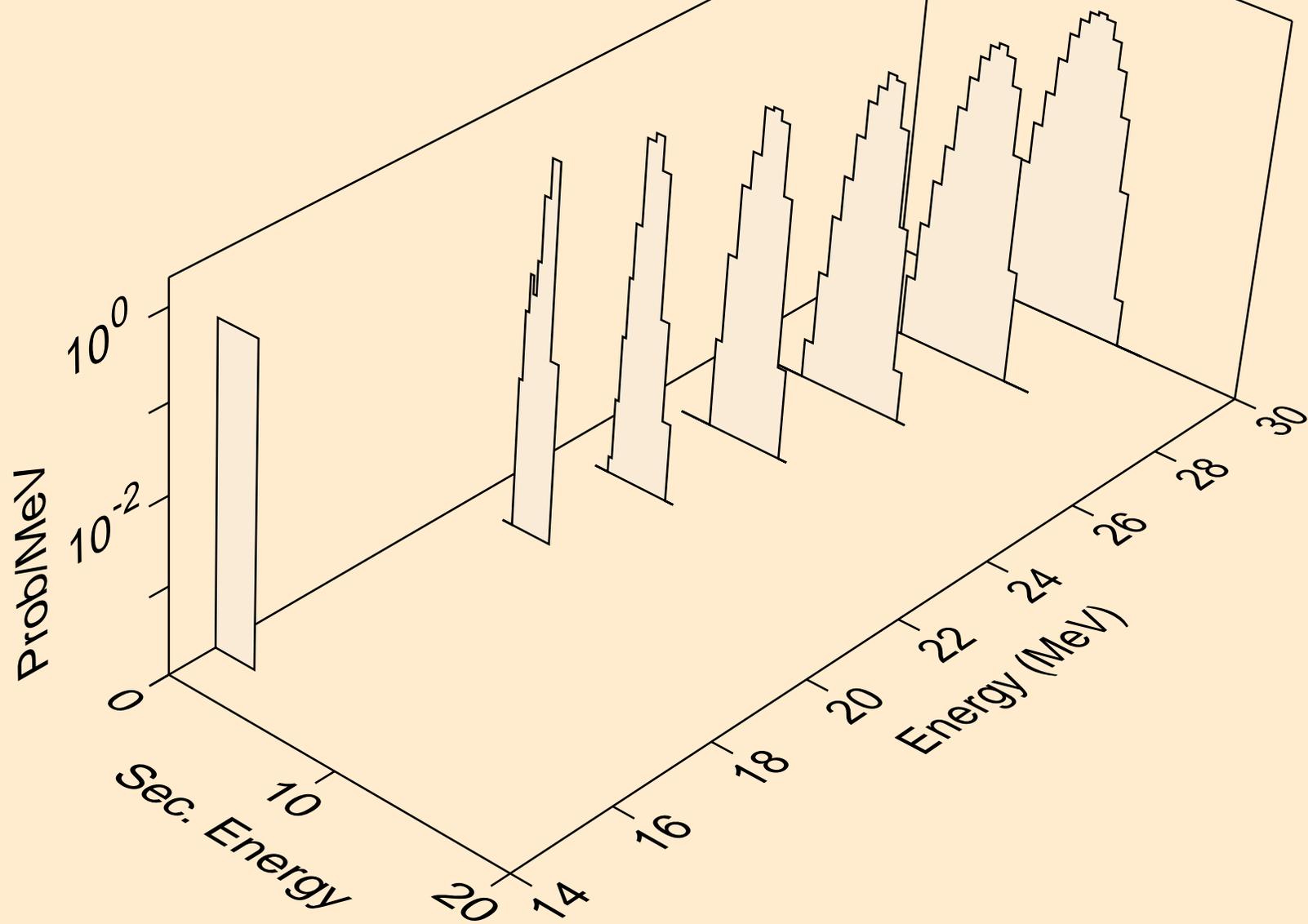MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
he3s from (p,he3)

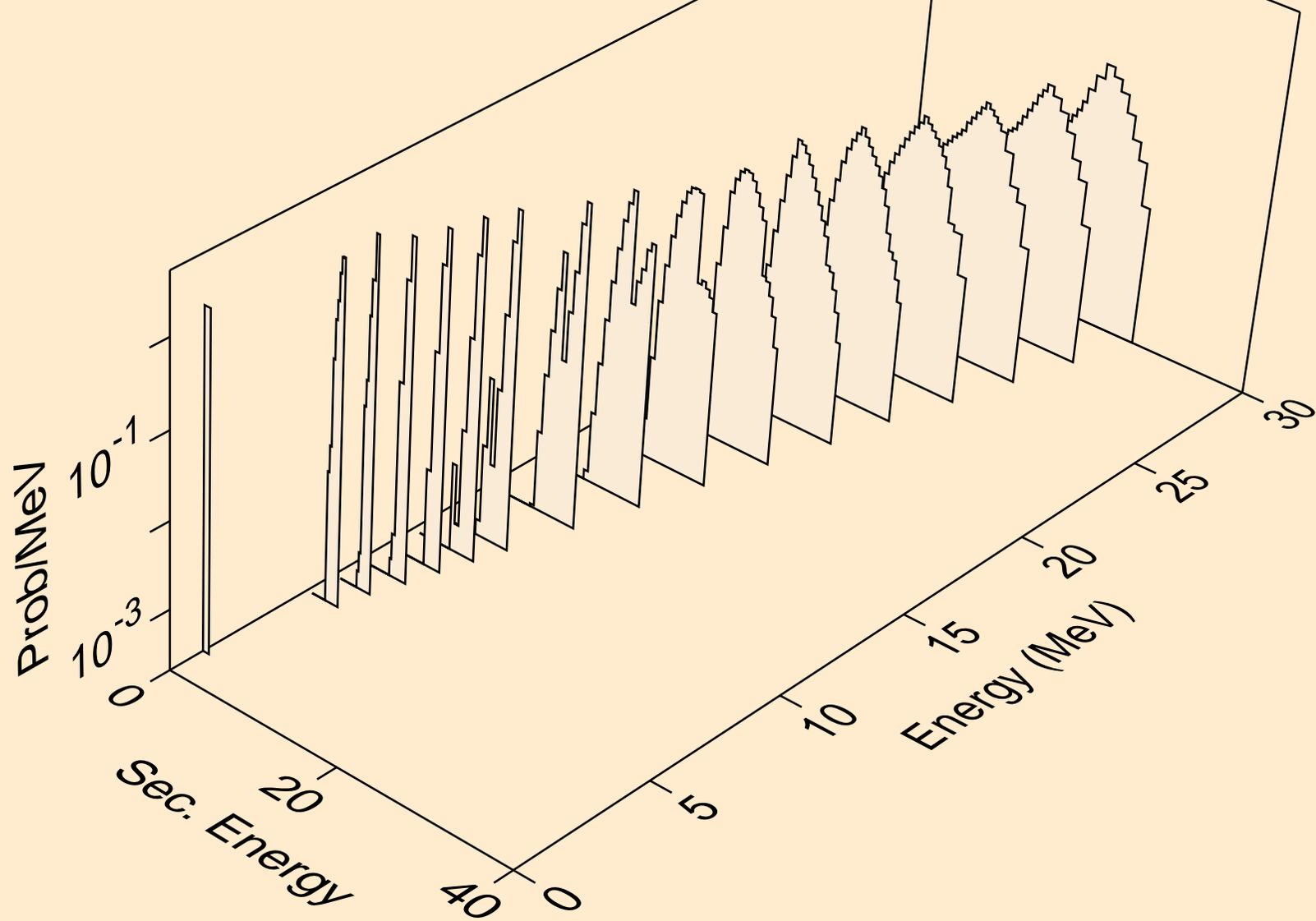MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,x)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
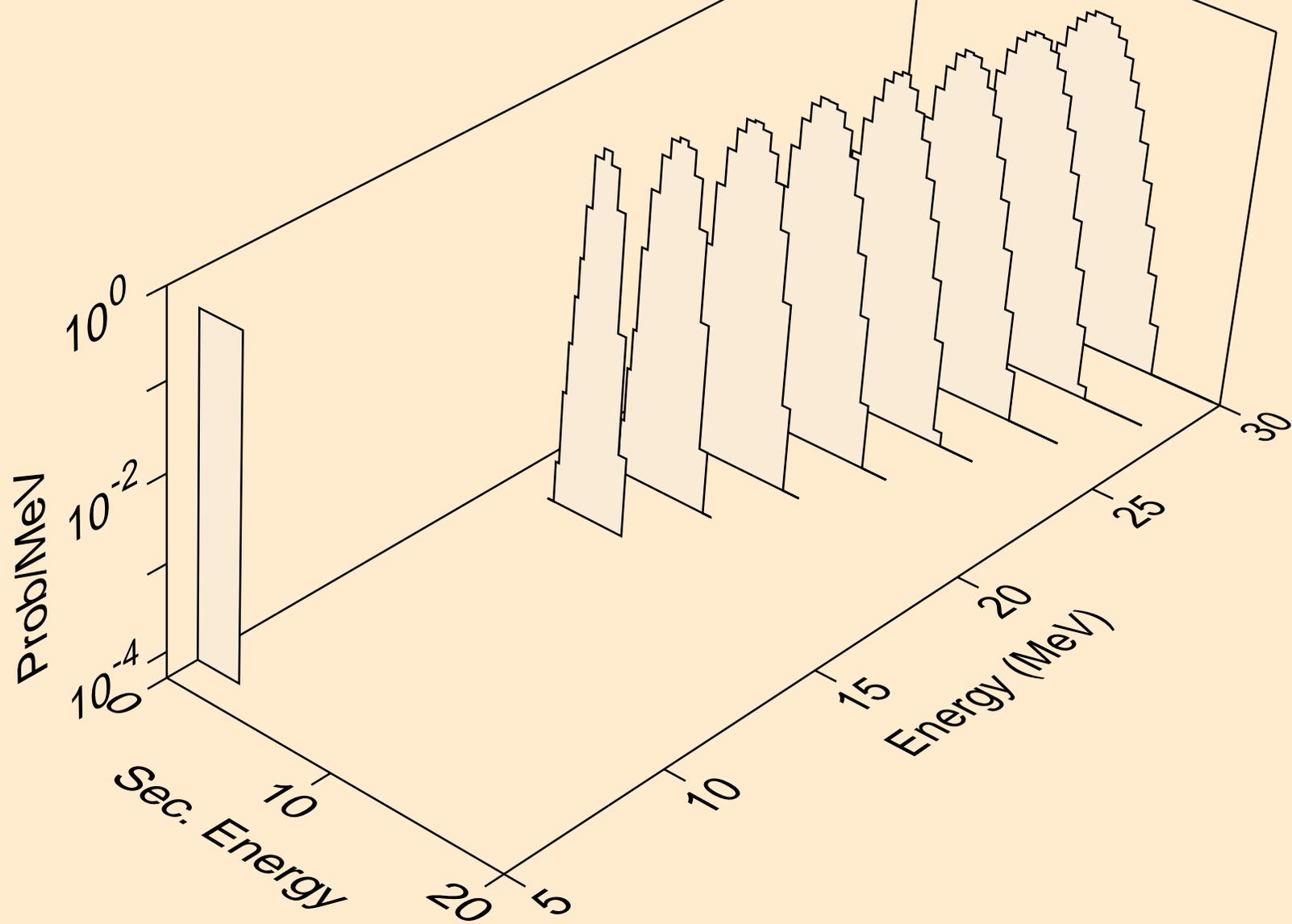alphas from (p,n*)a

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
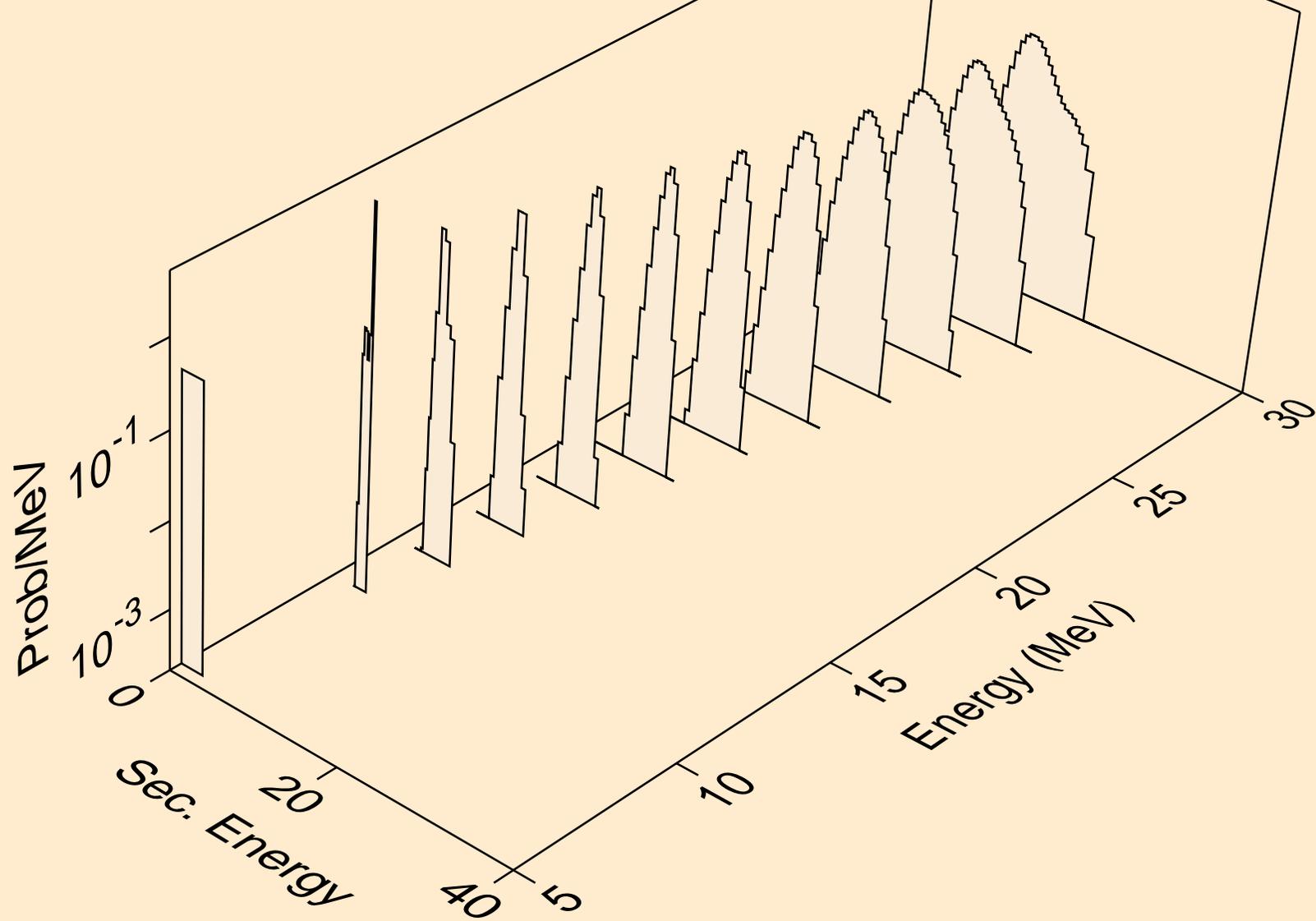alphas from (p,npa)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,a)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,2a)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,pa)

MO091 PROTON ACER TENDL-2021 LIBRARY; T=0.K
alphas from (p,da)