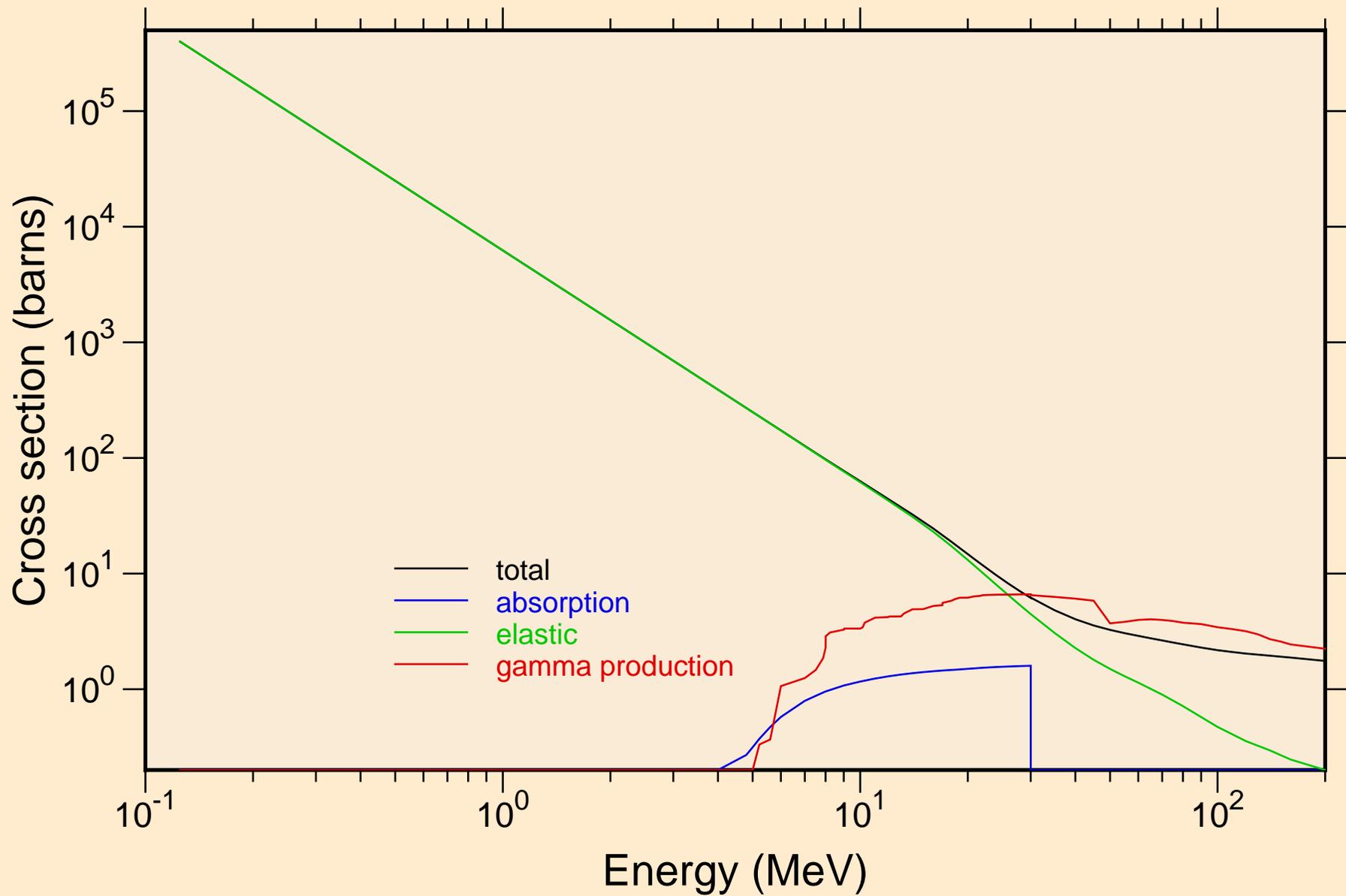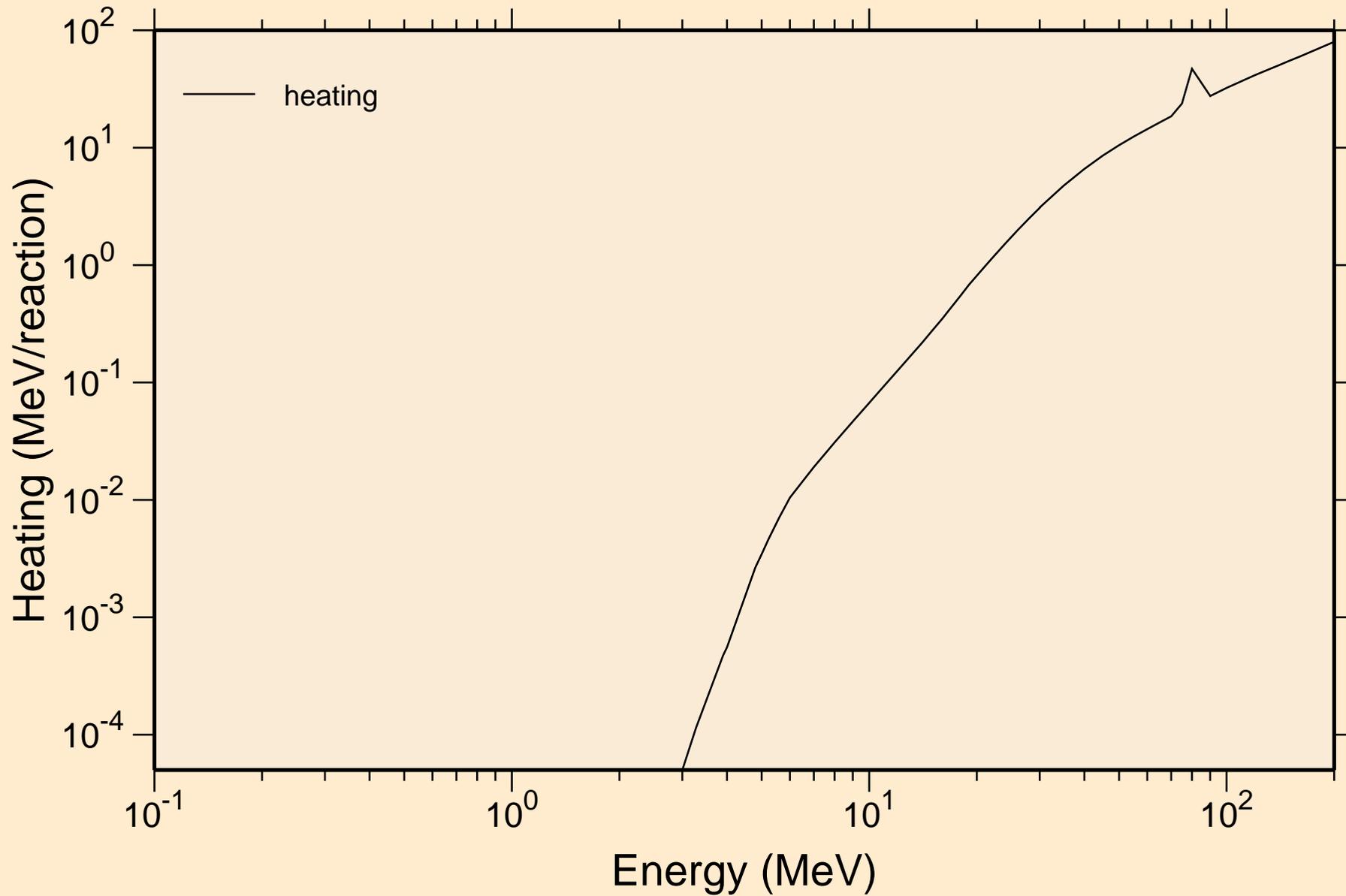GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections
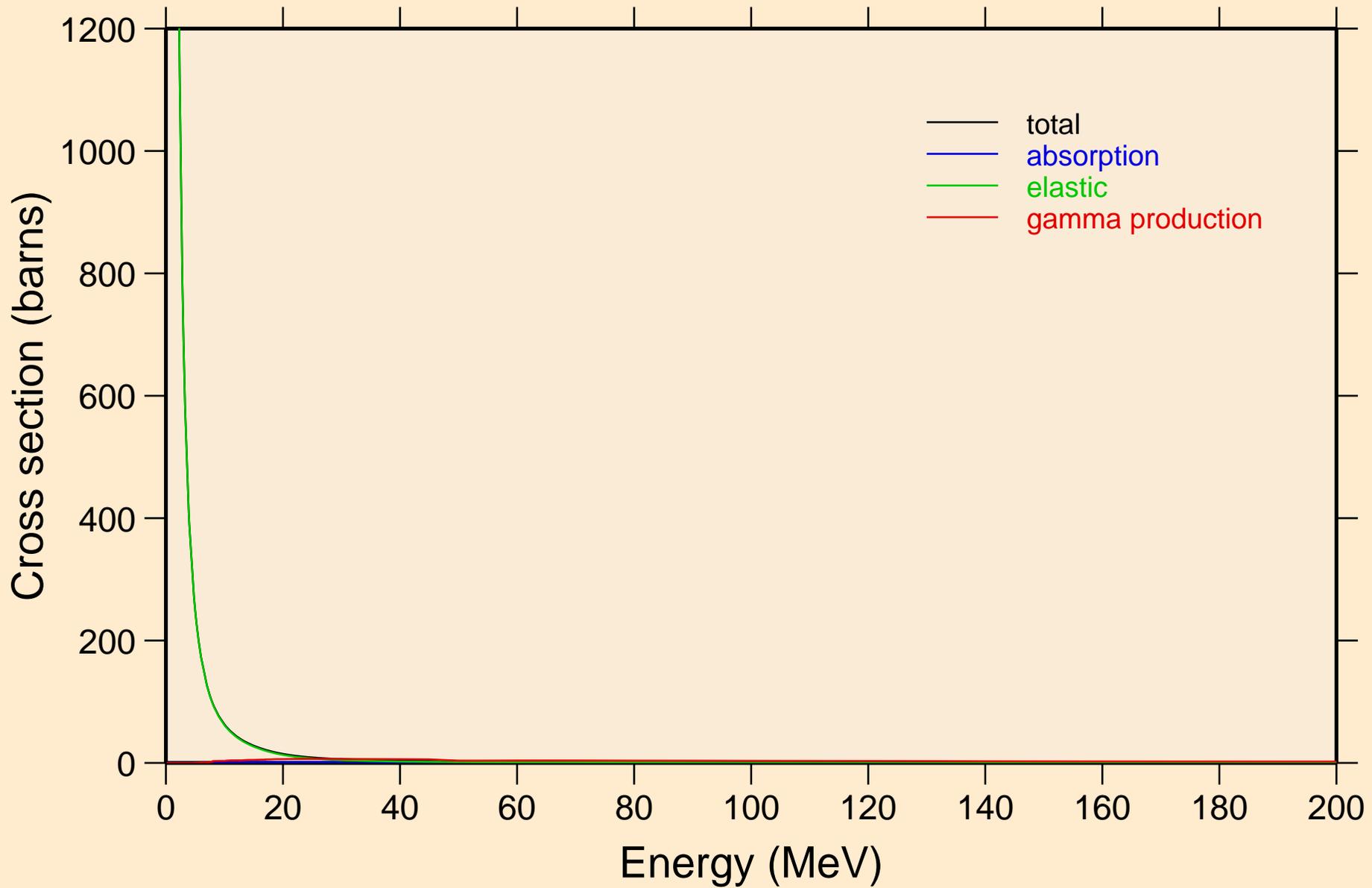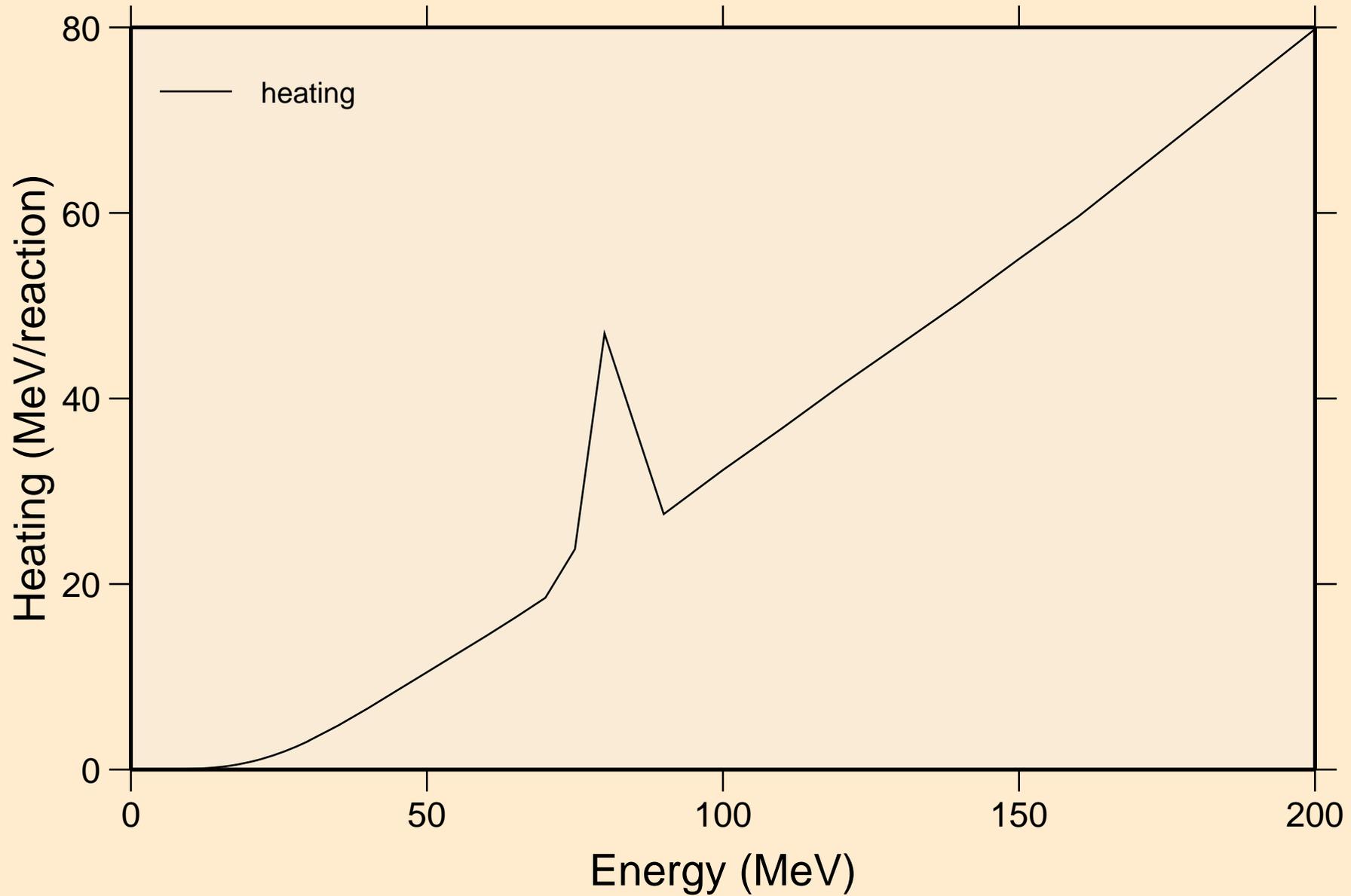
GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Heating

heating

Heating (MeV/reaction)

Energy (MeV)

GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Principal cross sections

- total
- absorption
- elastic
- gamma production

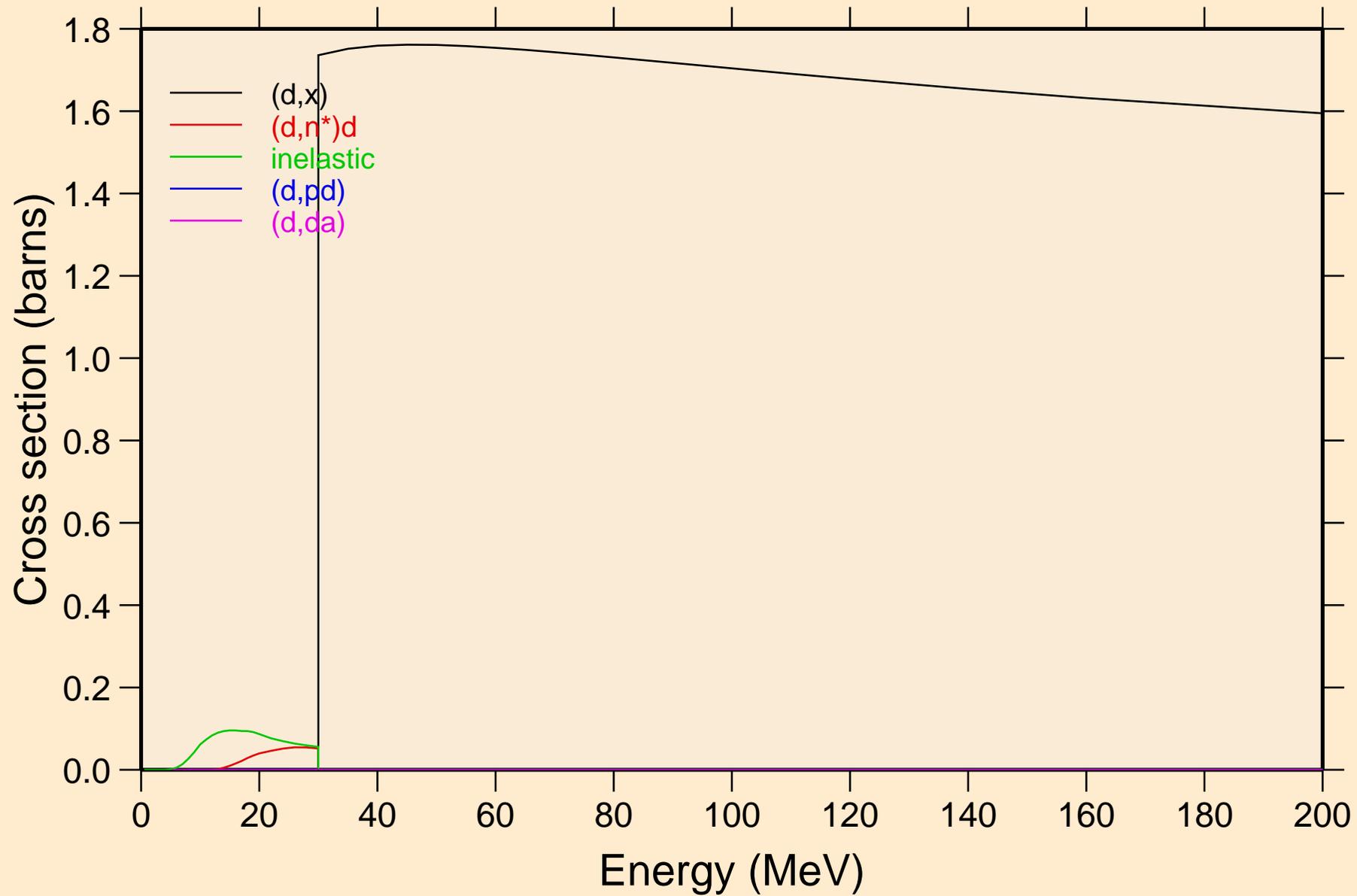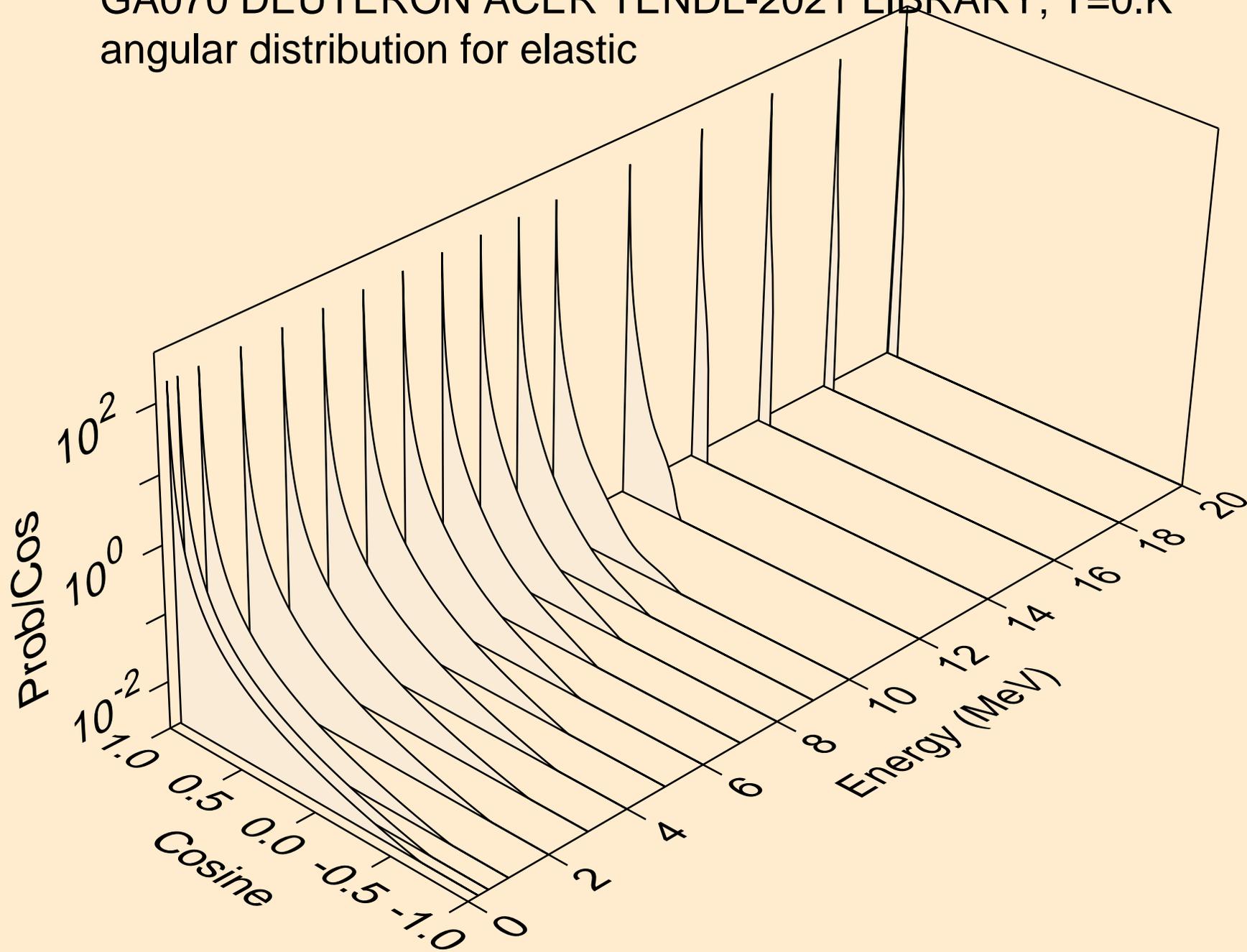Cross section (barns) vs Energy (MeV)

GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Heating

GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Threshold reactions

- (d,x)
- (d,n*)d
- inelastic
- (d,pd)
- (d,da)

Cross section (barns) vs Energy (MeV)
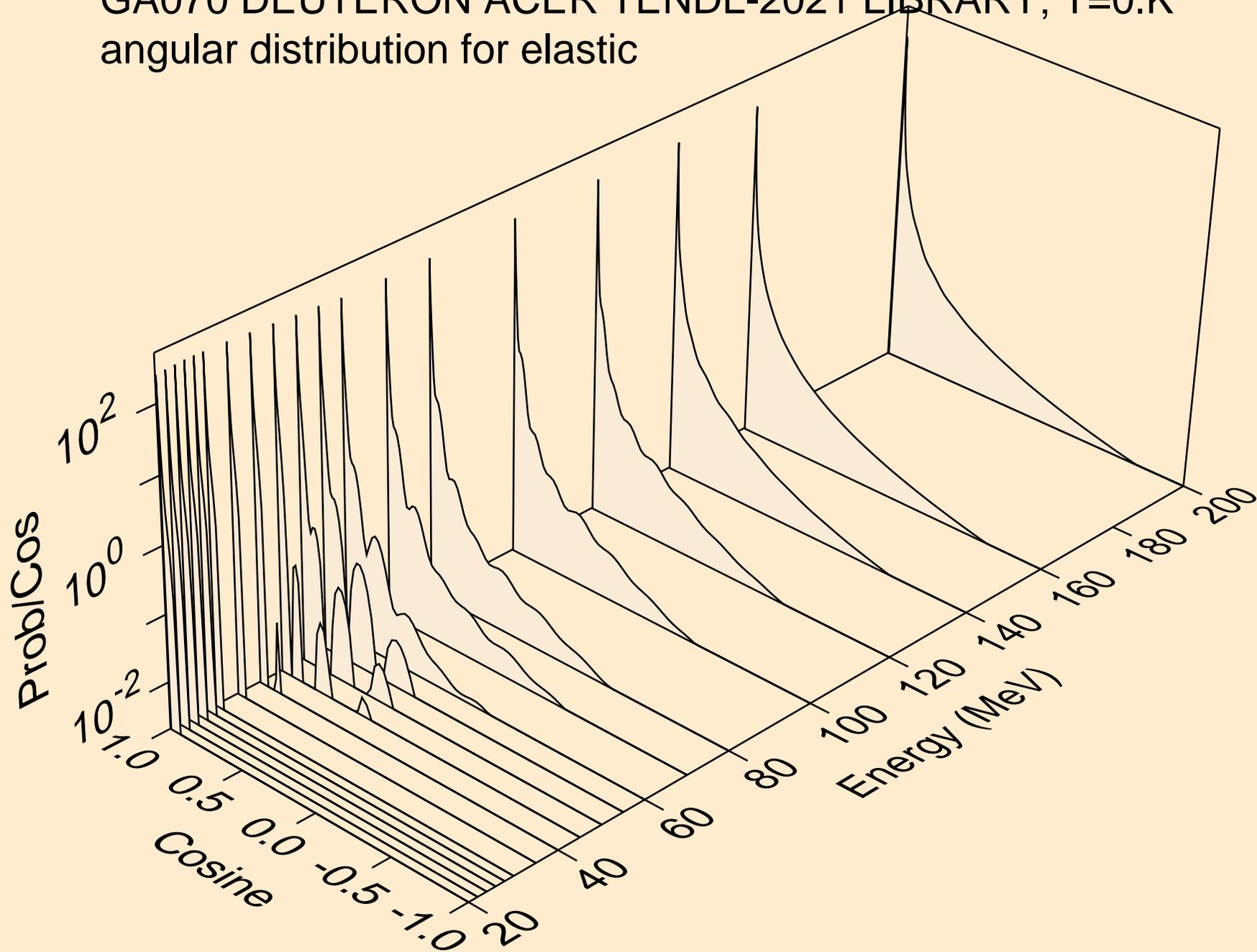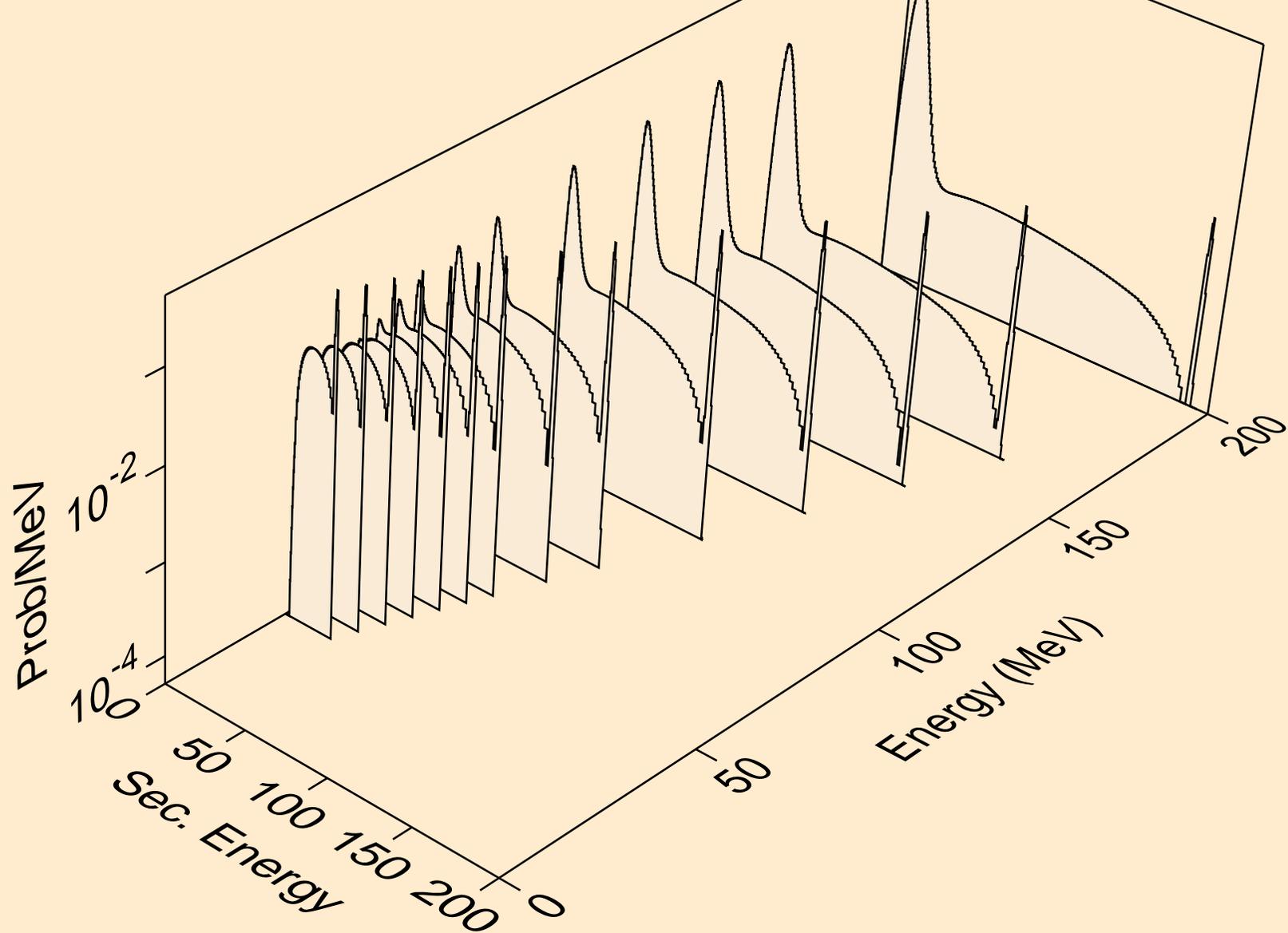
GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

ProbICos

$10^2$

$10^0$

$10^{-2}$

Cosine

1.0  0.5  0.0  -0.5  -1.0

20  40  60  80  100  120  140  160  180  200

Energy (MeV)

GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Deuteron emission for (d,x)

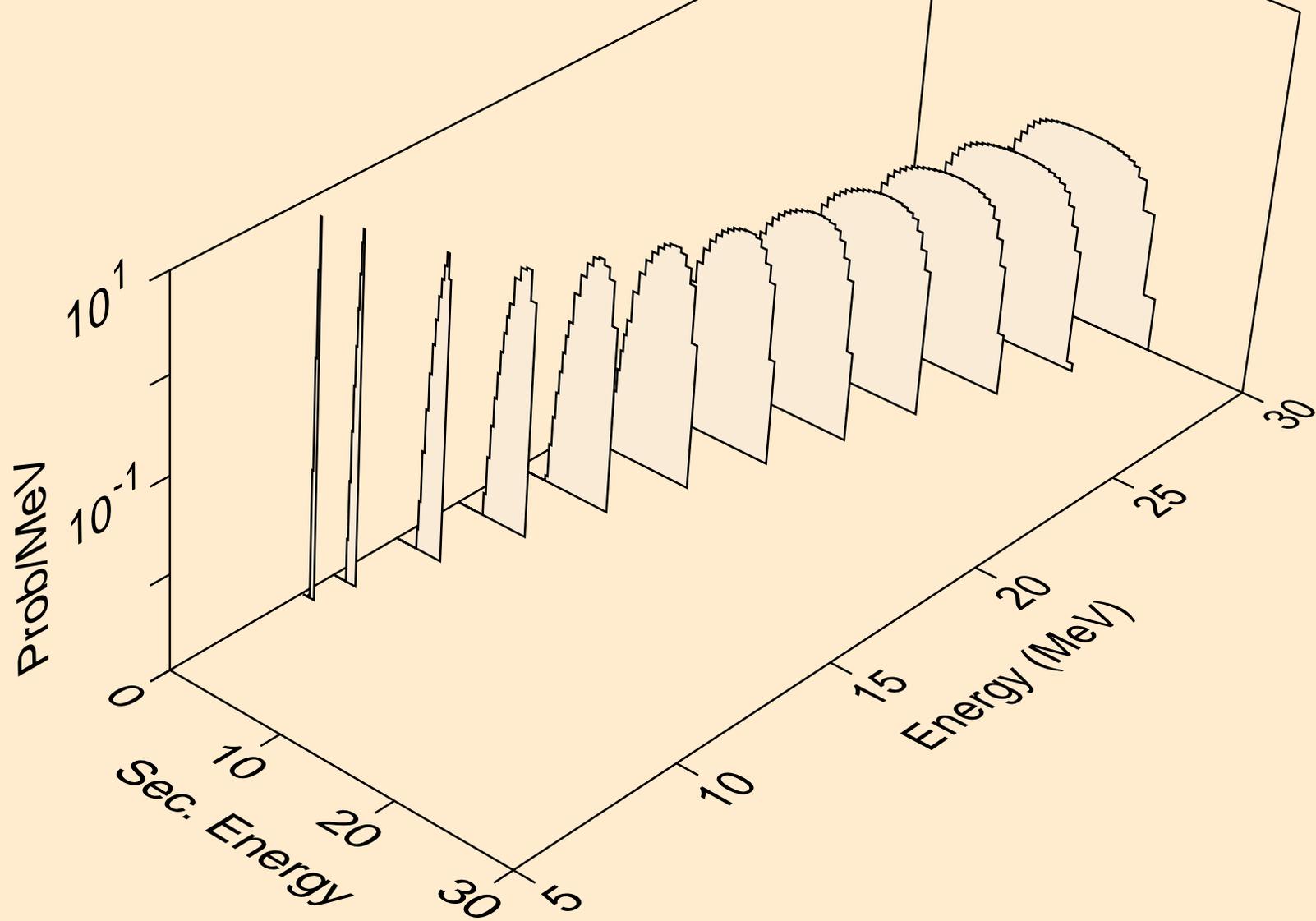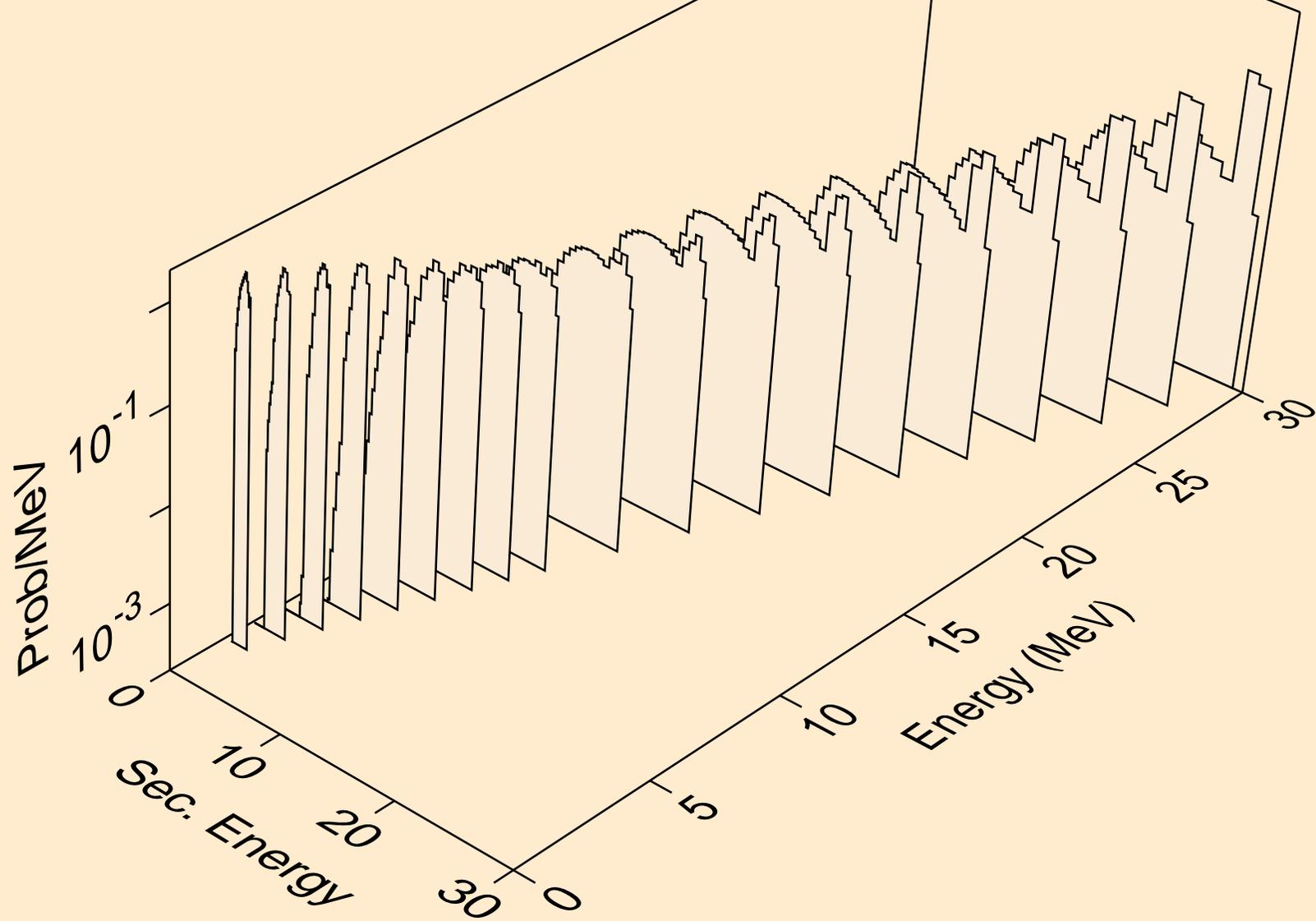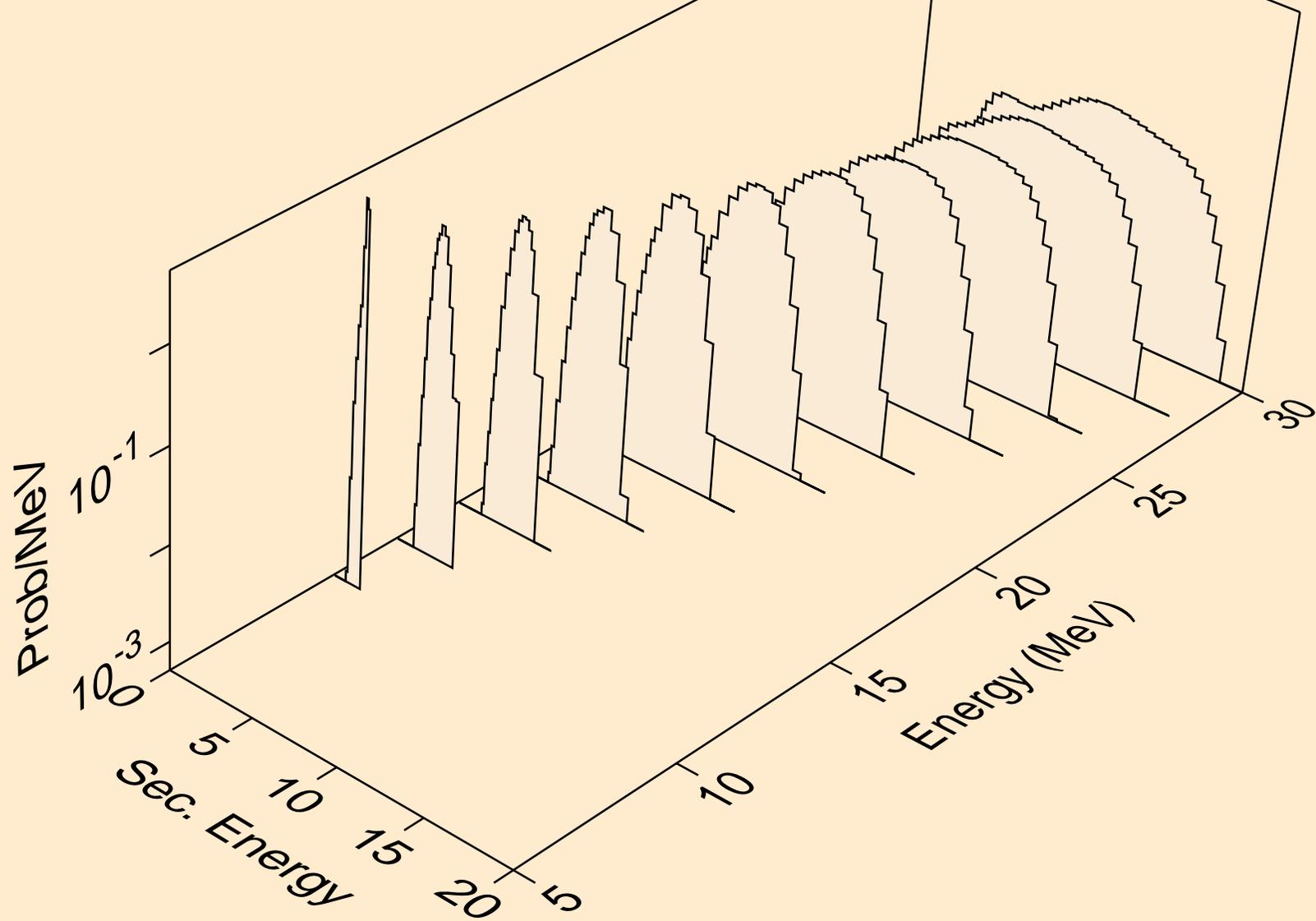GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Deuteron emission for (d,n*)d

GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Deuteron emission for inelastic

GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Deuteron emission for (d,pd)

GA070 DEUTERON ACER TENDL-2021 LIBRARY; T=0.K
Deuteron emission for (d,da)