

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

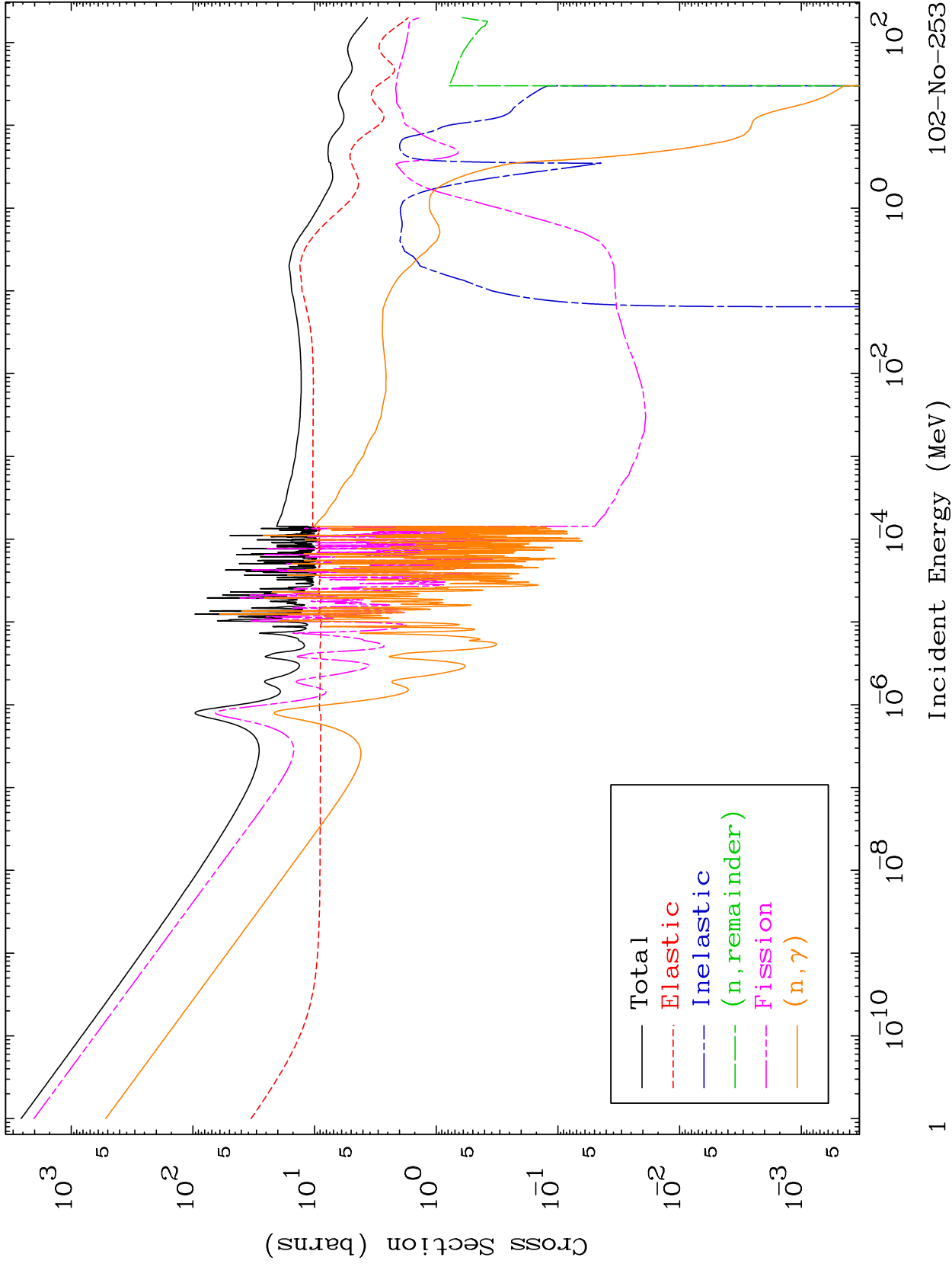
Press Mouse Button to Start

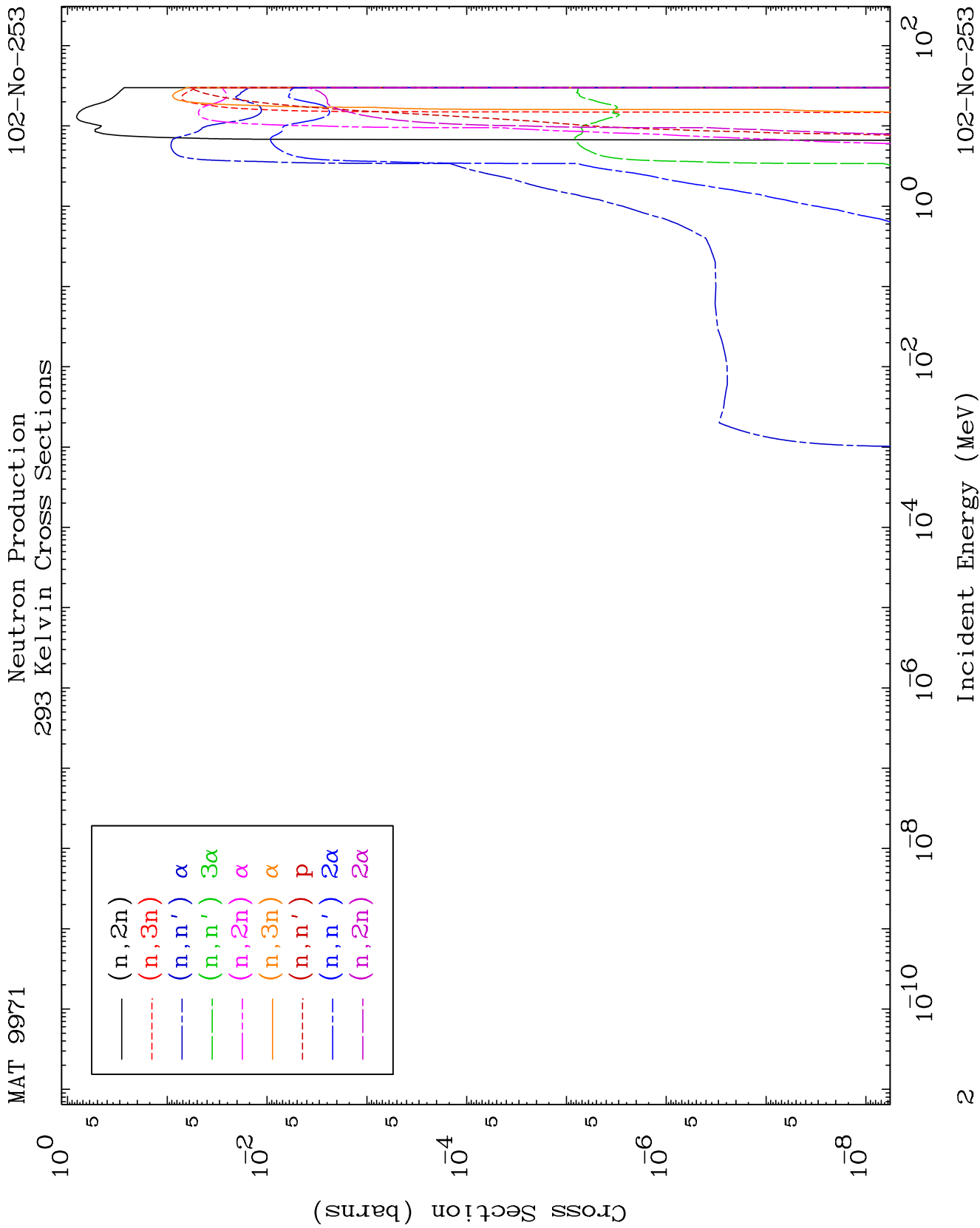
MAT 9971

Major

293 Kelvin Cross Sections

102-No-253

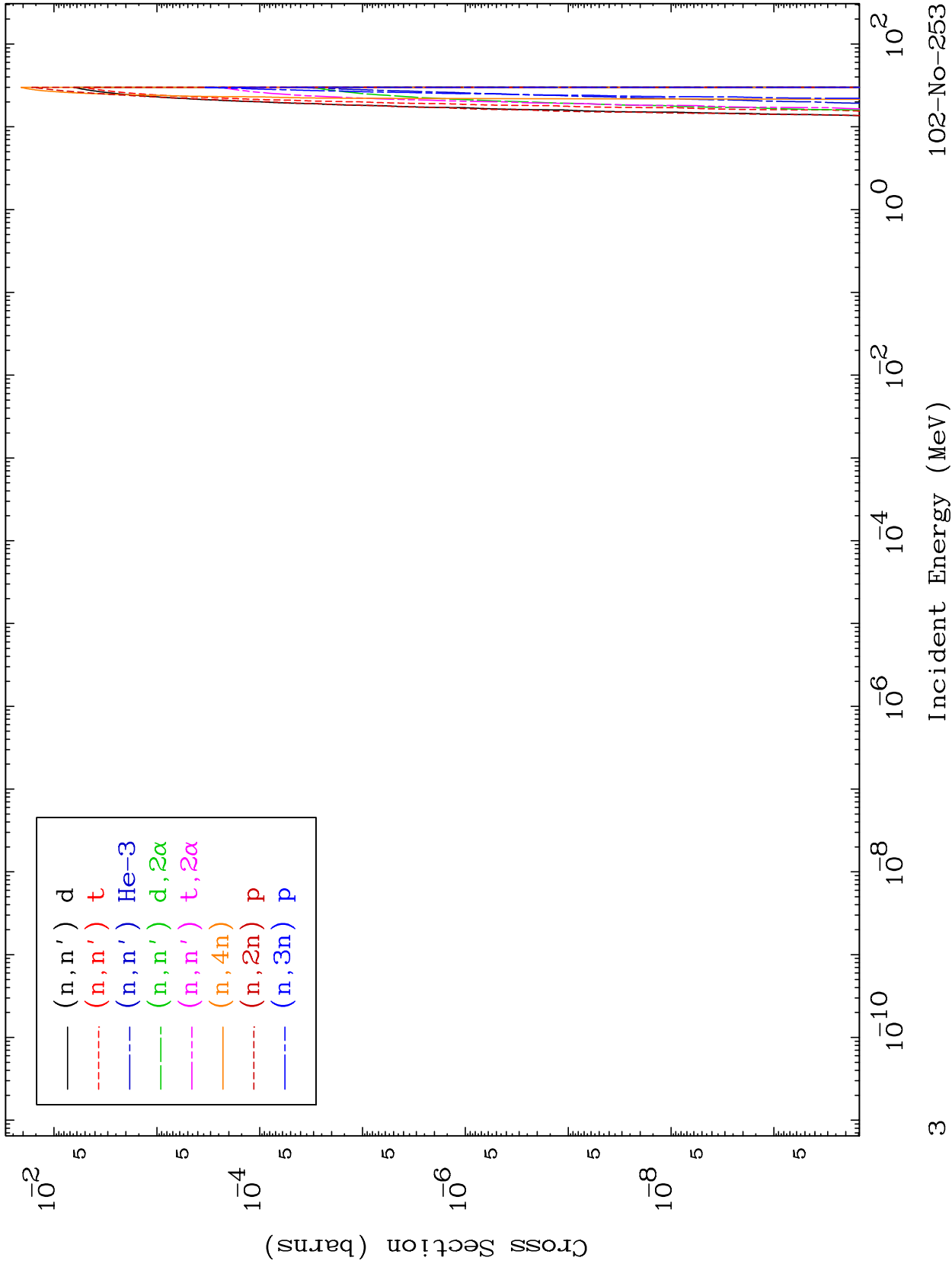




MAT 9971

Neutron Production
293 Kelvin Cross Sections

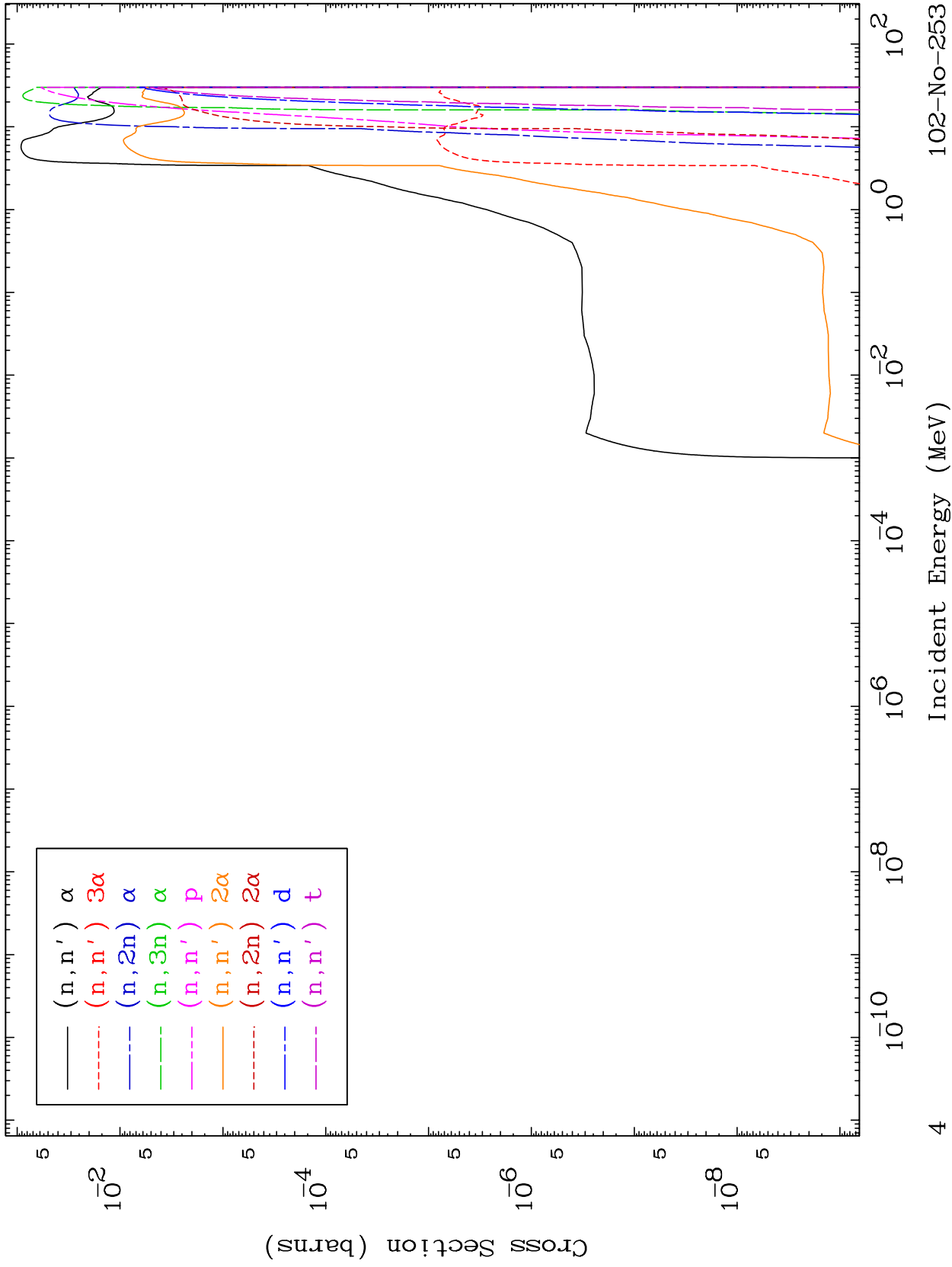
102-No-253



MAT 9971

Charged Particle
293 Kelvin Cross Sections

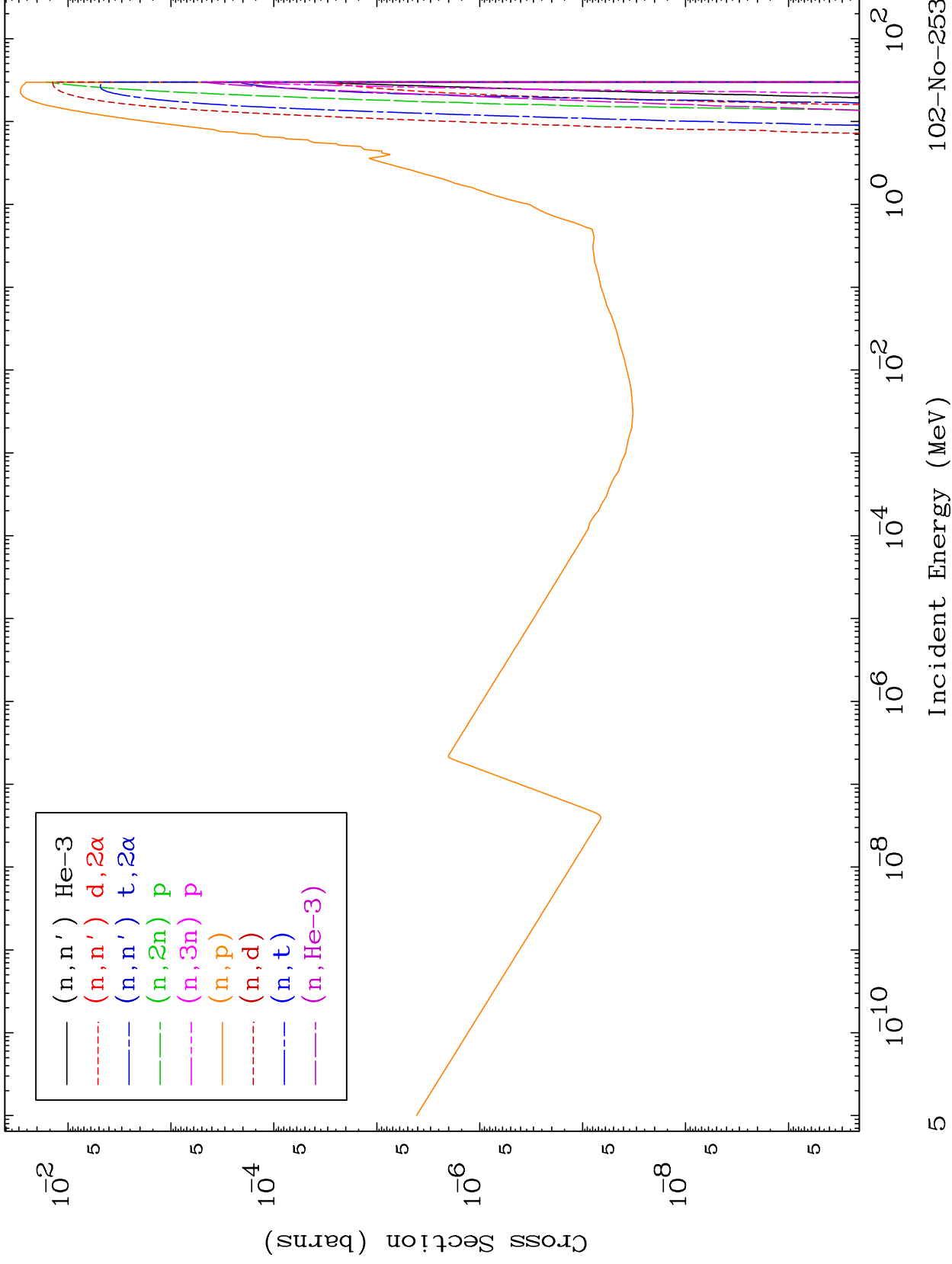
102-No-253



MAT 9971

Charged Particle
293 Kelvin Cross Sections

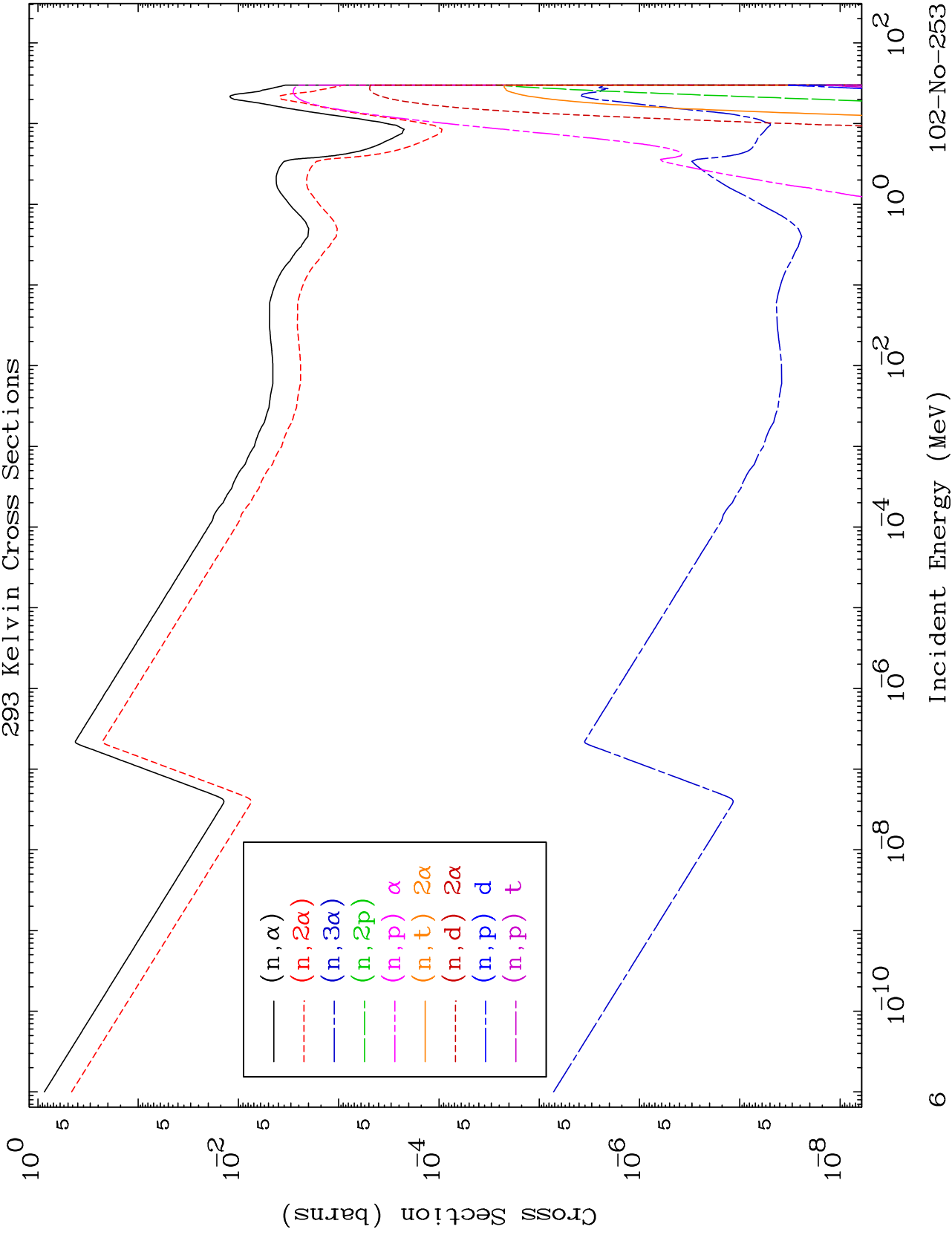
102-No-253



MAT 9971

Charged Particle
293 Kelvin Cross Sections

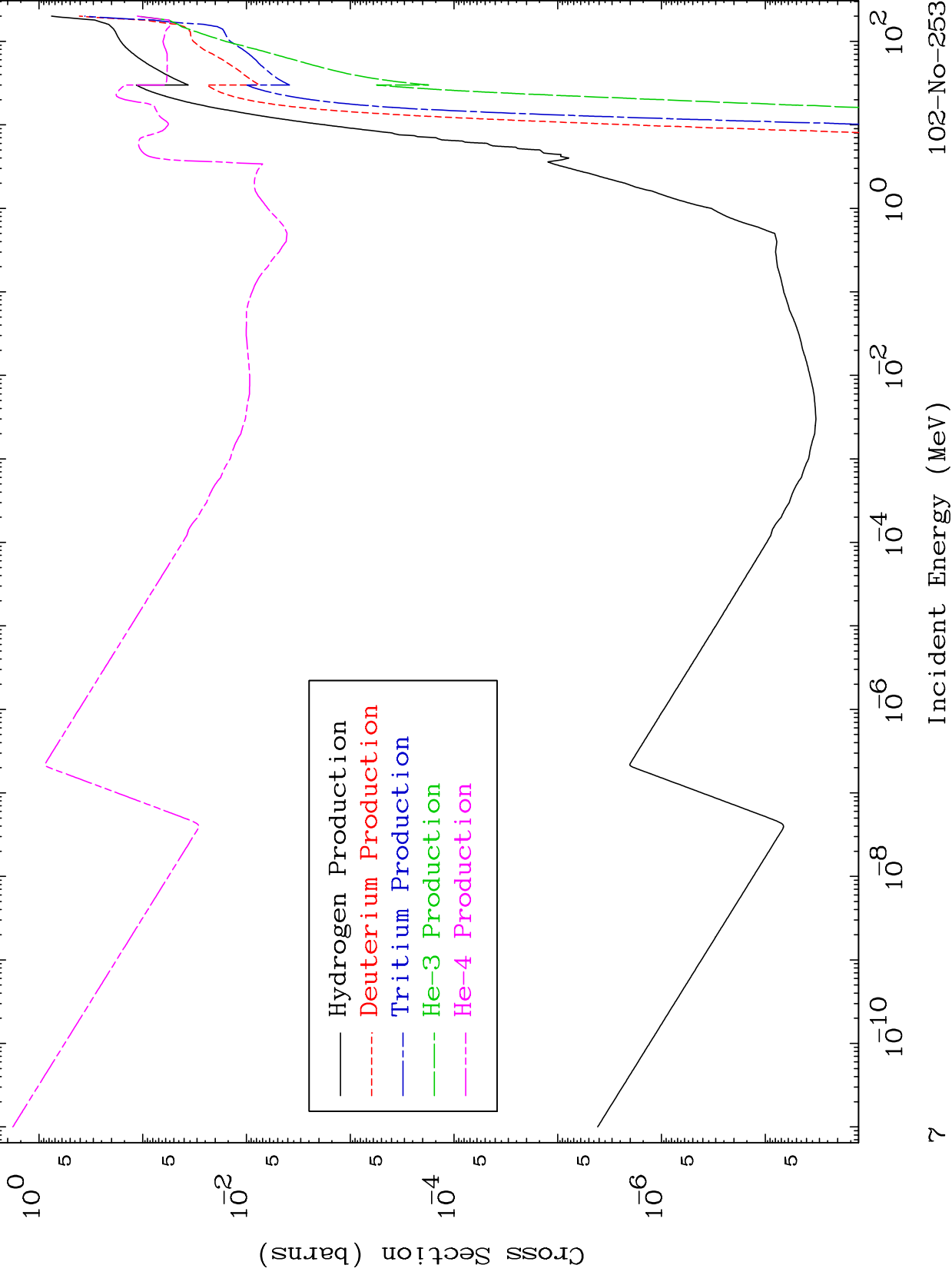
102-No-253



MAT 9971

Particle Production
293 Kelvin Cross Sections

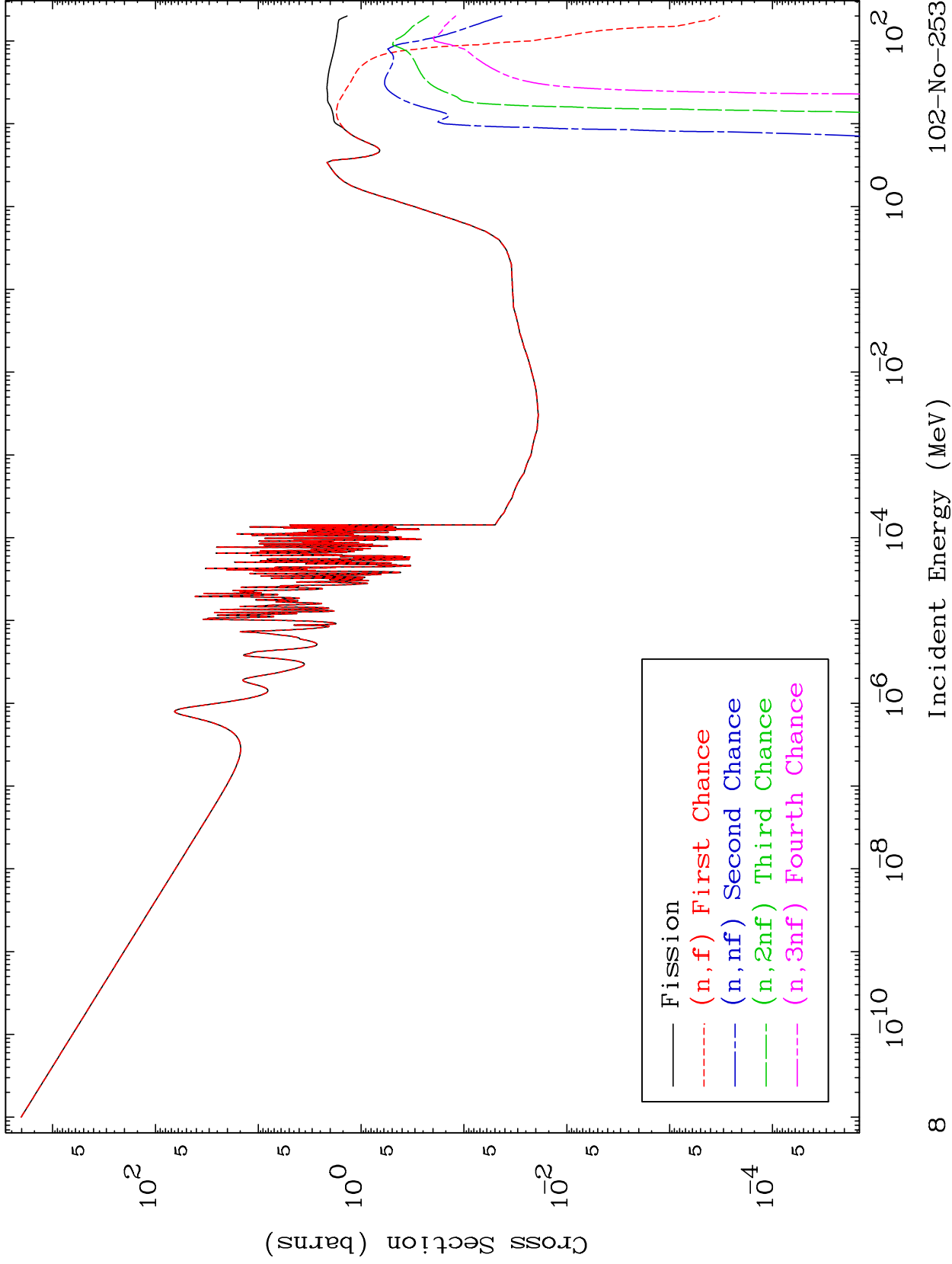
102-No-253

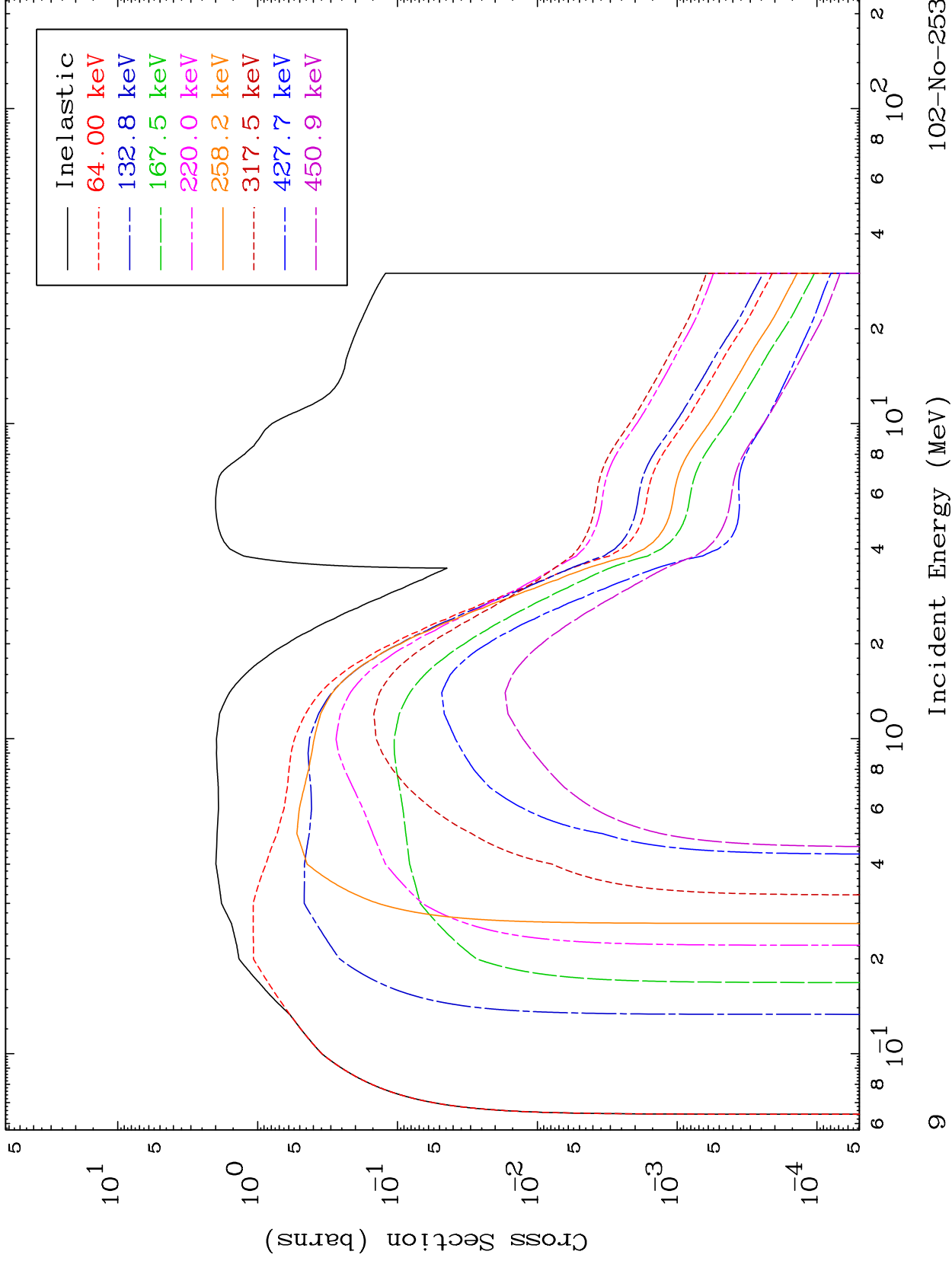


MAT 9971

Fission
293 Kelvin Cross Sections

102-No-253



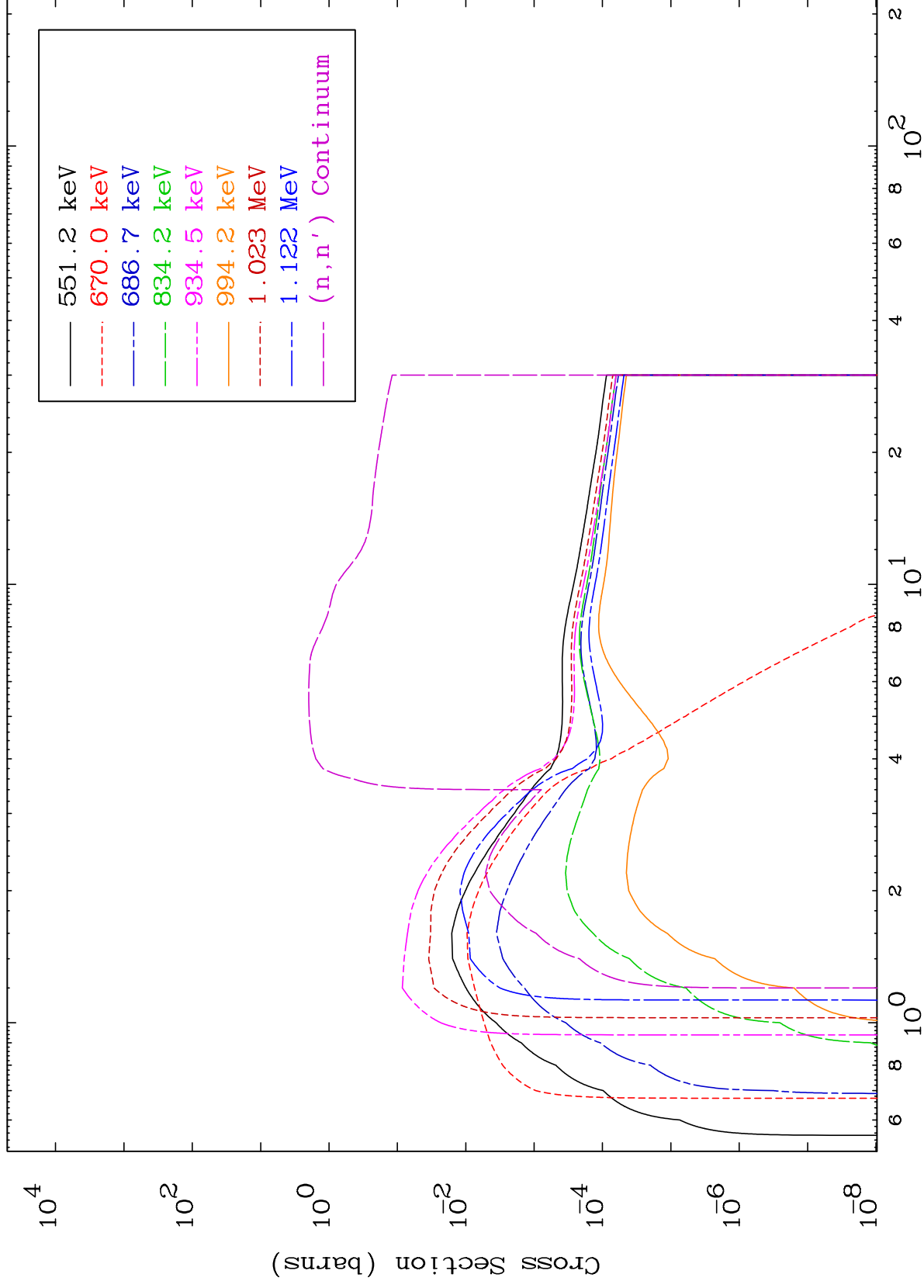


MAT 9971

(n,n') Level

293 Kelvin Cross Sections

102-No-253



10

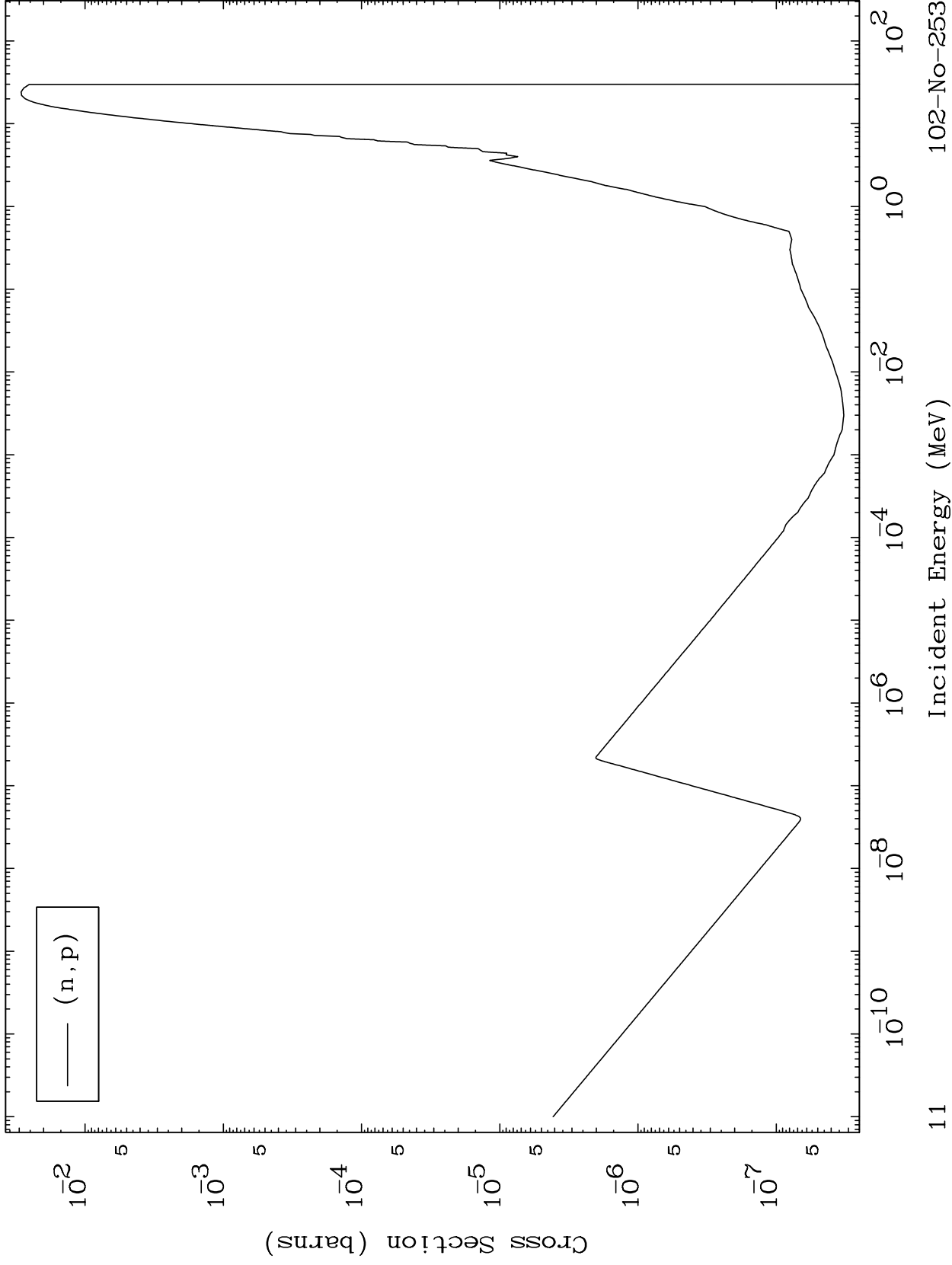
Incident Energy (MeV)

102-No-253

MAT 9971

(n,p) Levels
293 Kelvin Cross Sections

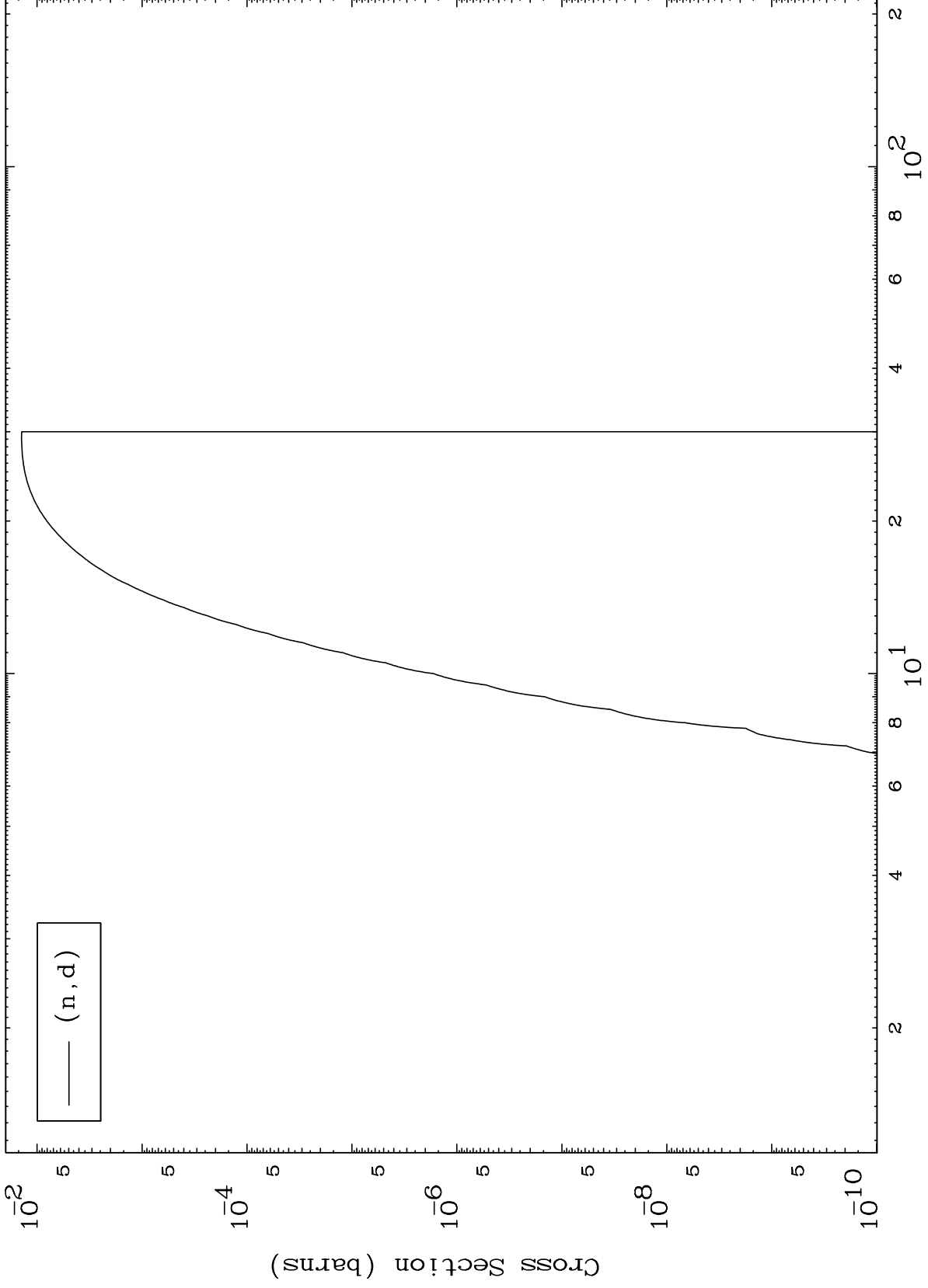
102-No-253



MAT 9971

(n,d) Levels
293 Kelvin Cross Sections

102-No-253



12

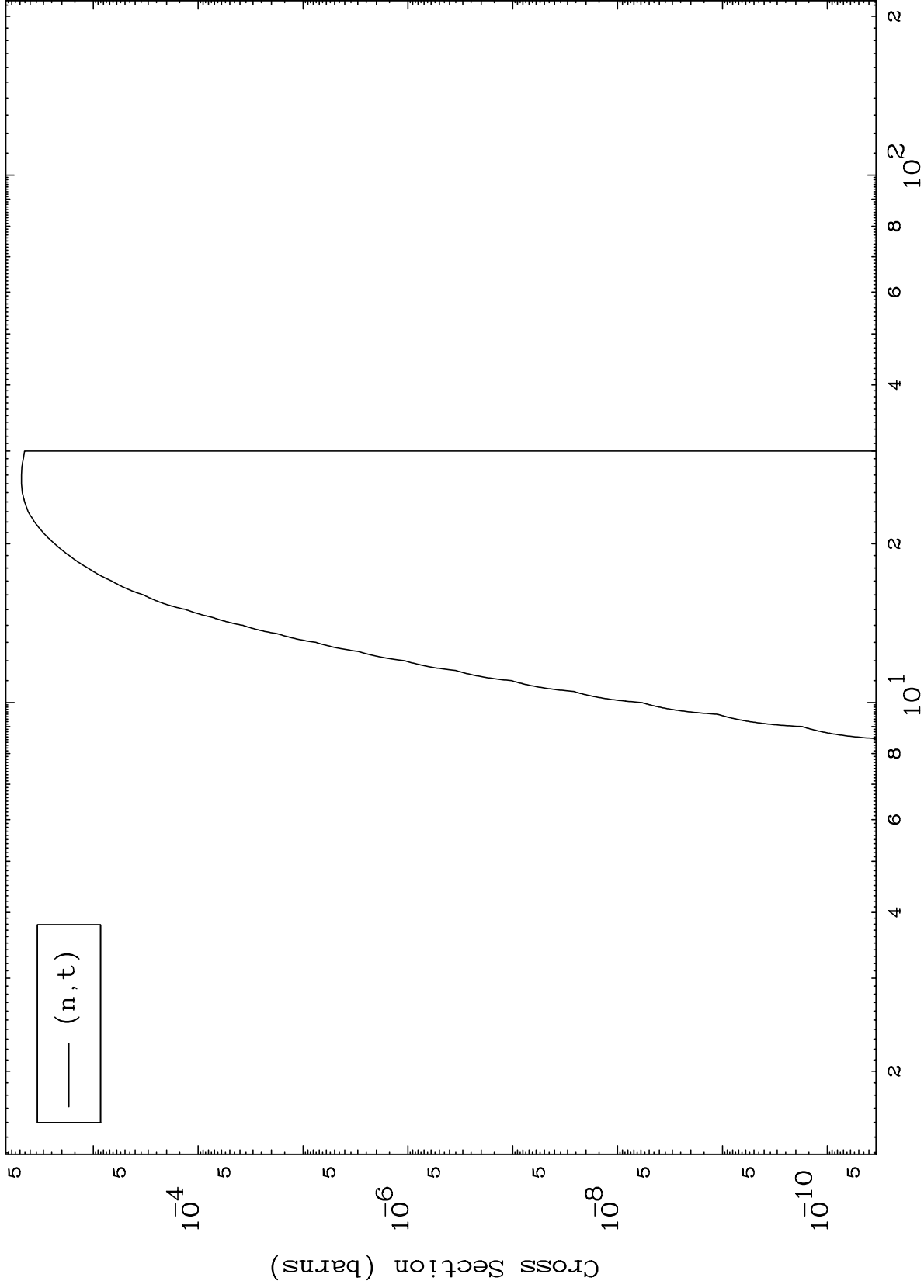
Incident Energy (MeV)

102-No-253

MAT 9971

(n,t) Levels
293 Kelvin Cross Sections

102-No-253



13

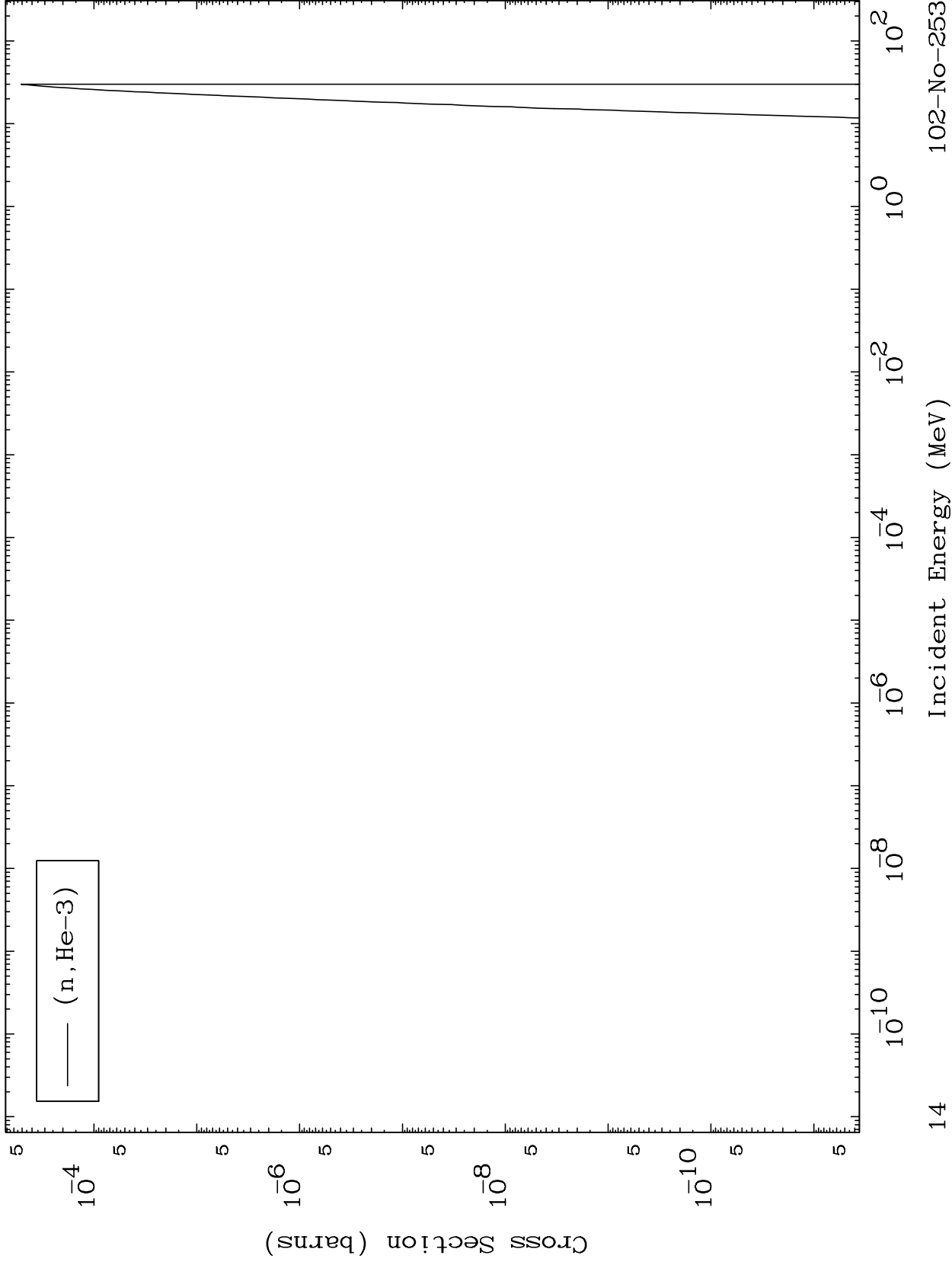
Incident Energy (MeV)

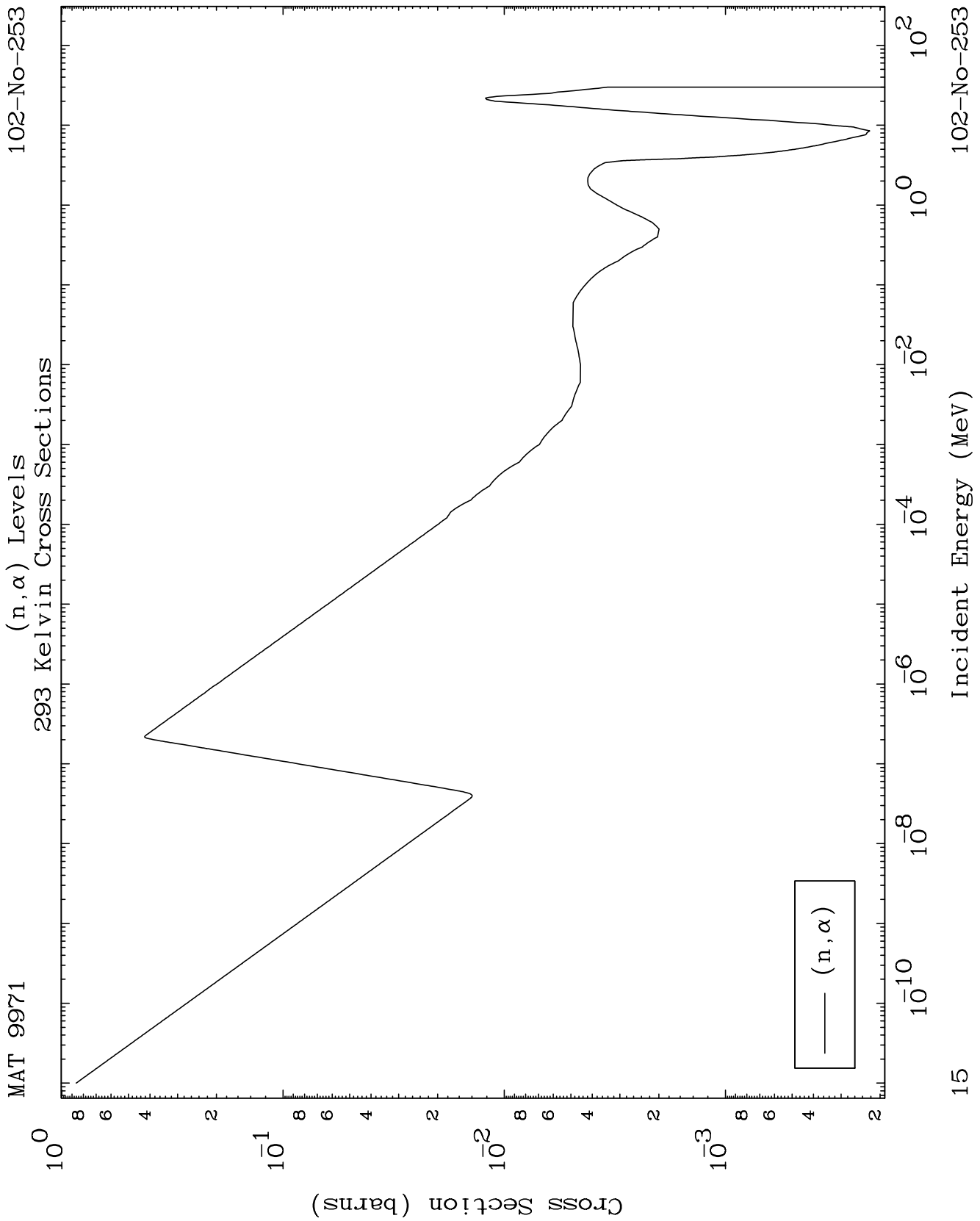
102-No-253

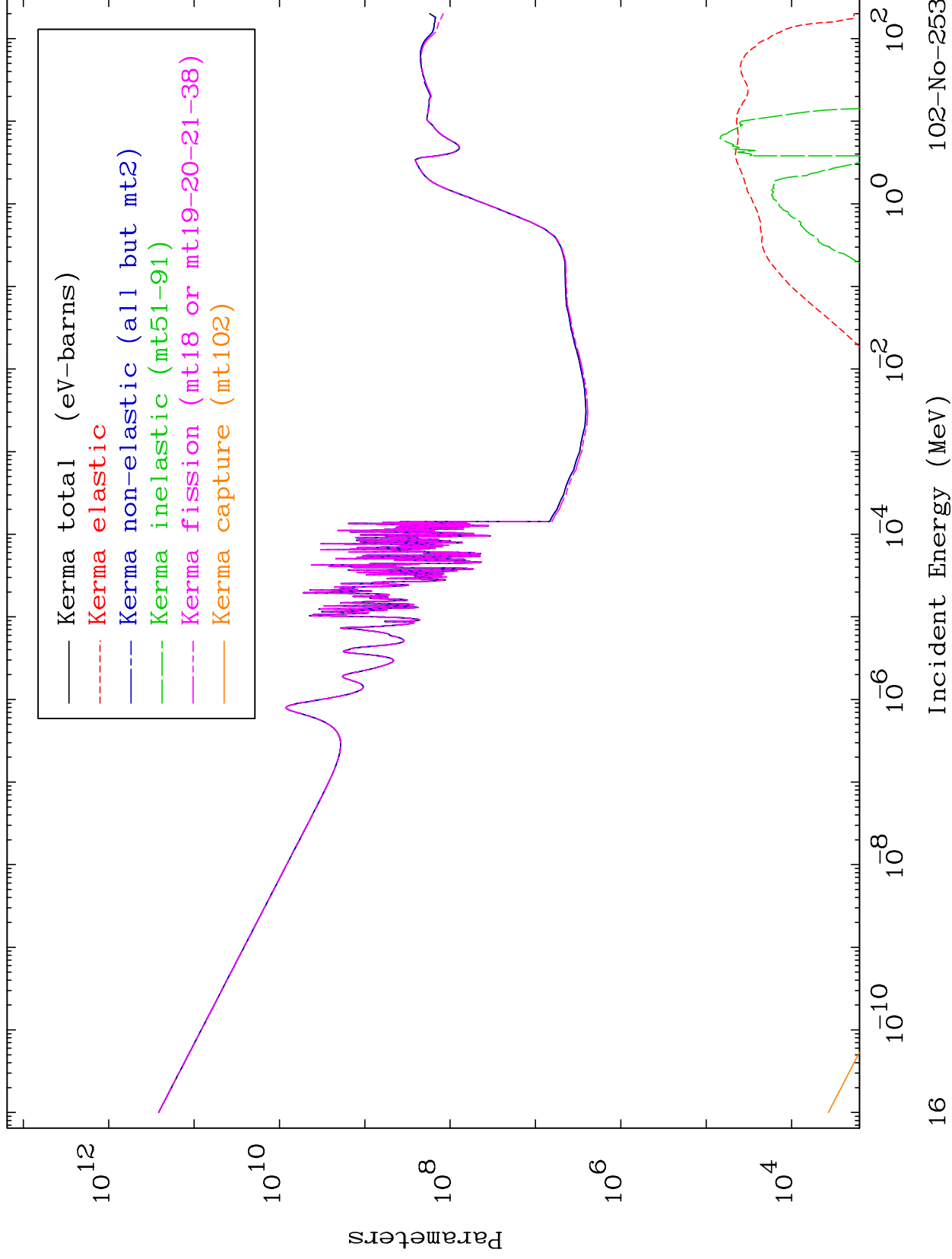
MAT 9971

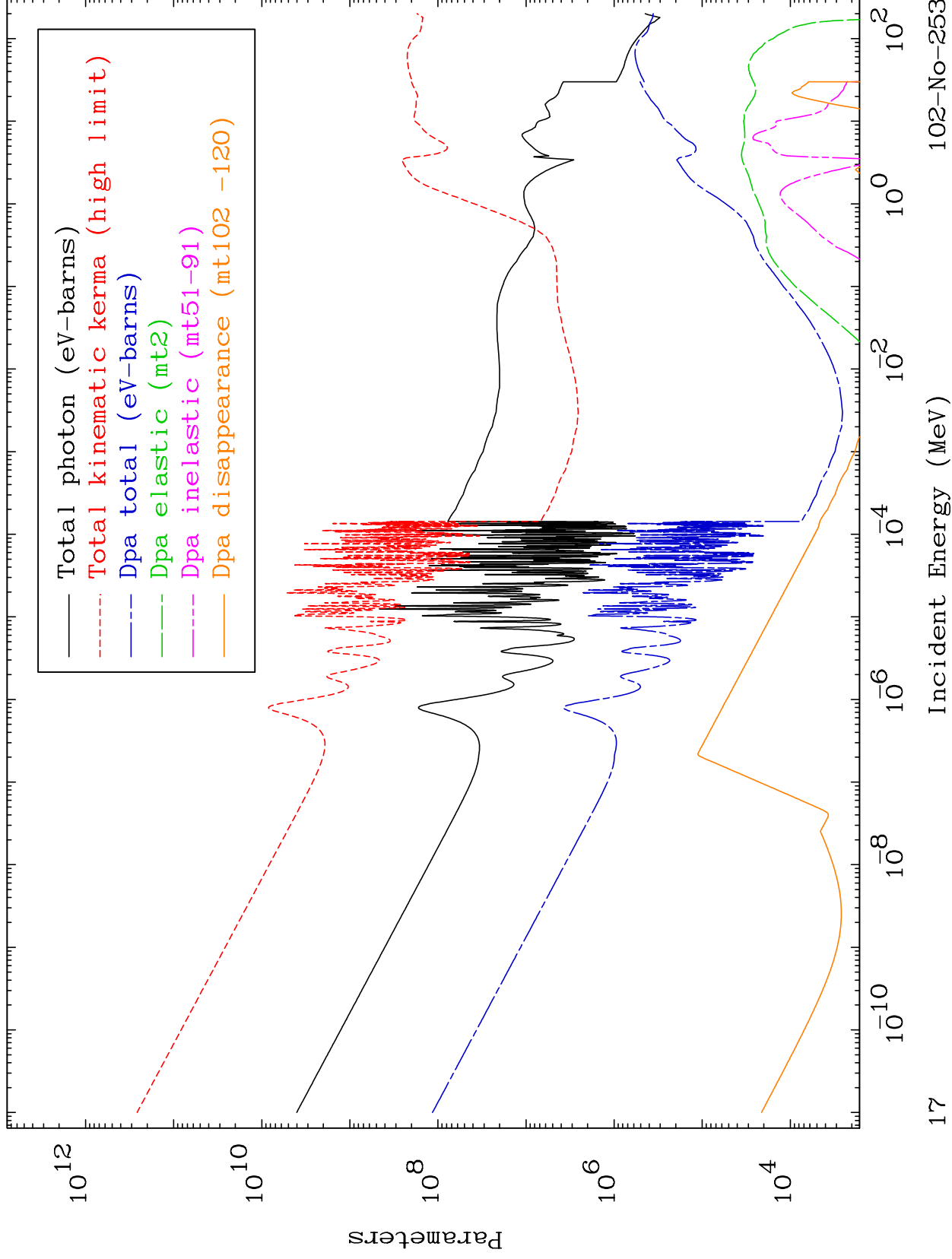
(n,He3) Levels
293 Kelvin Cross Sections

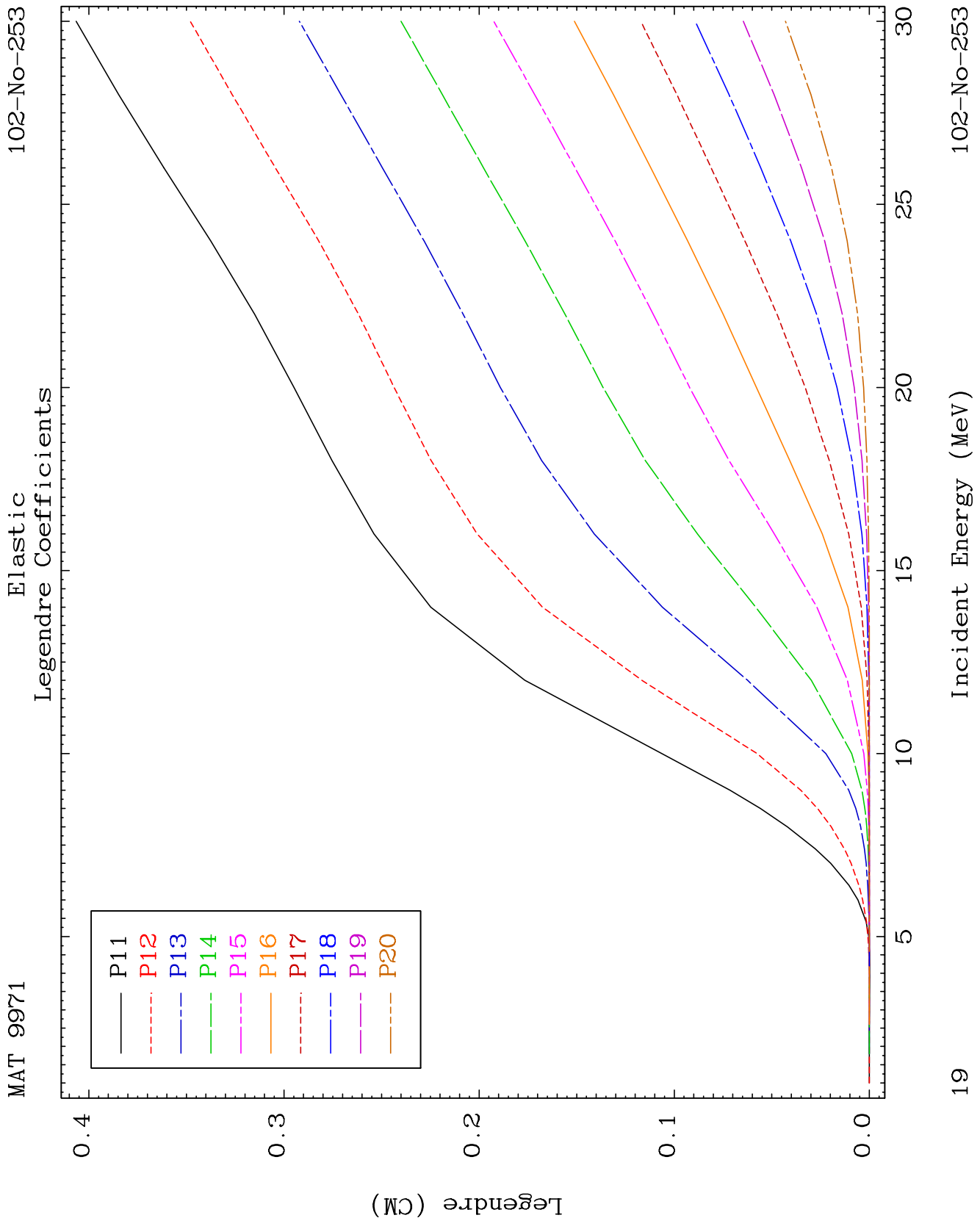
102-No-253







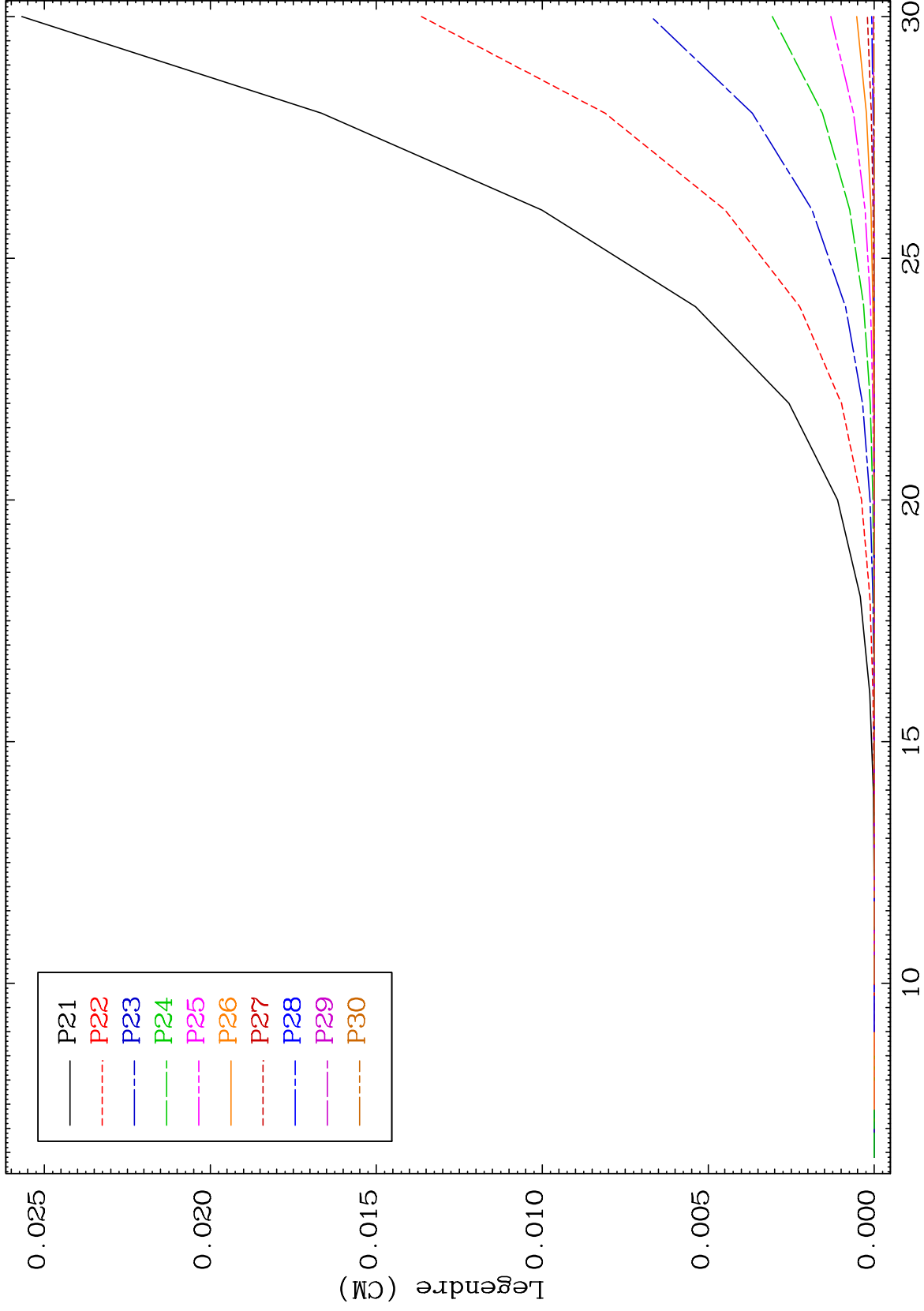




MAT 9971

Elastic Legendre Coefficients

102-No-253



20

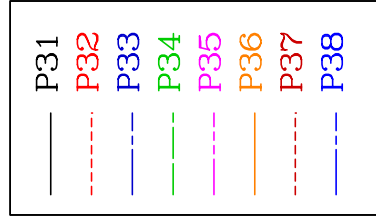
Incident Energy (MeV)

102-No-253

MAT 9971

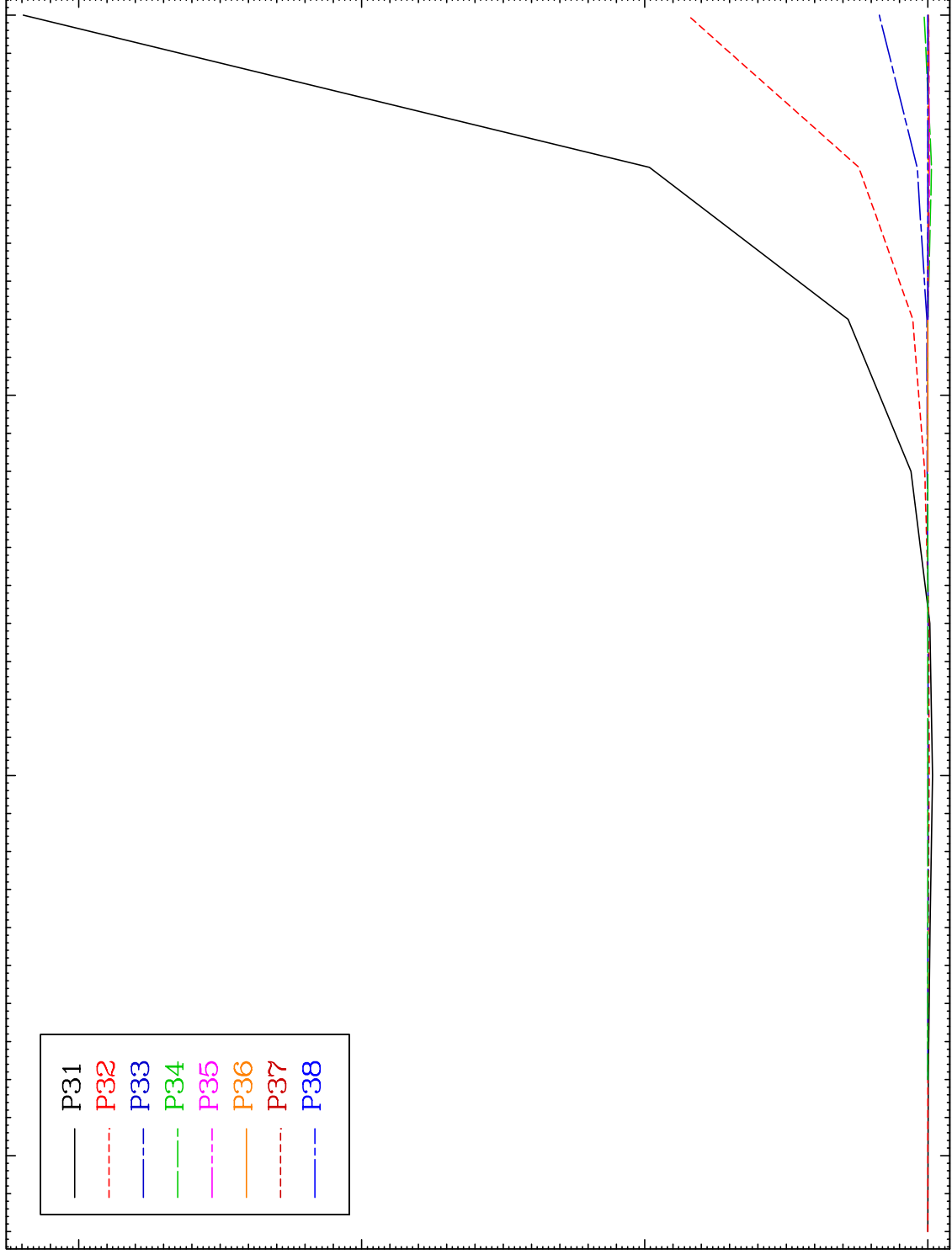
Elastic Legendre Coefficients

102-No-253



$\times 10^{-6}$

Legendre (CM)



30

25

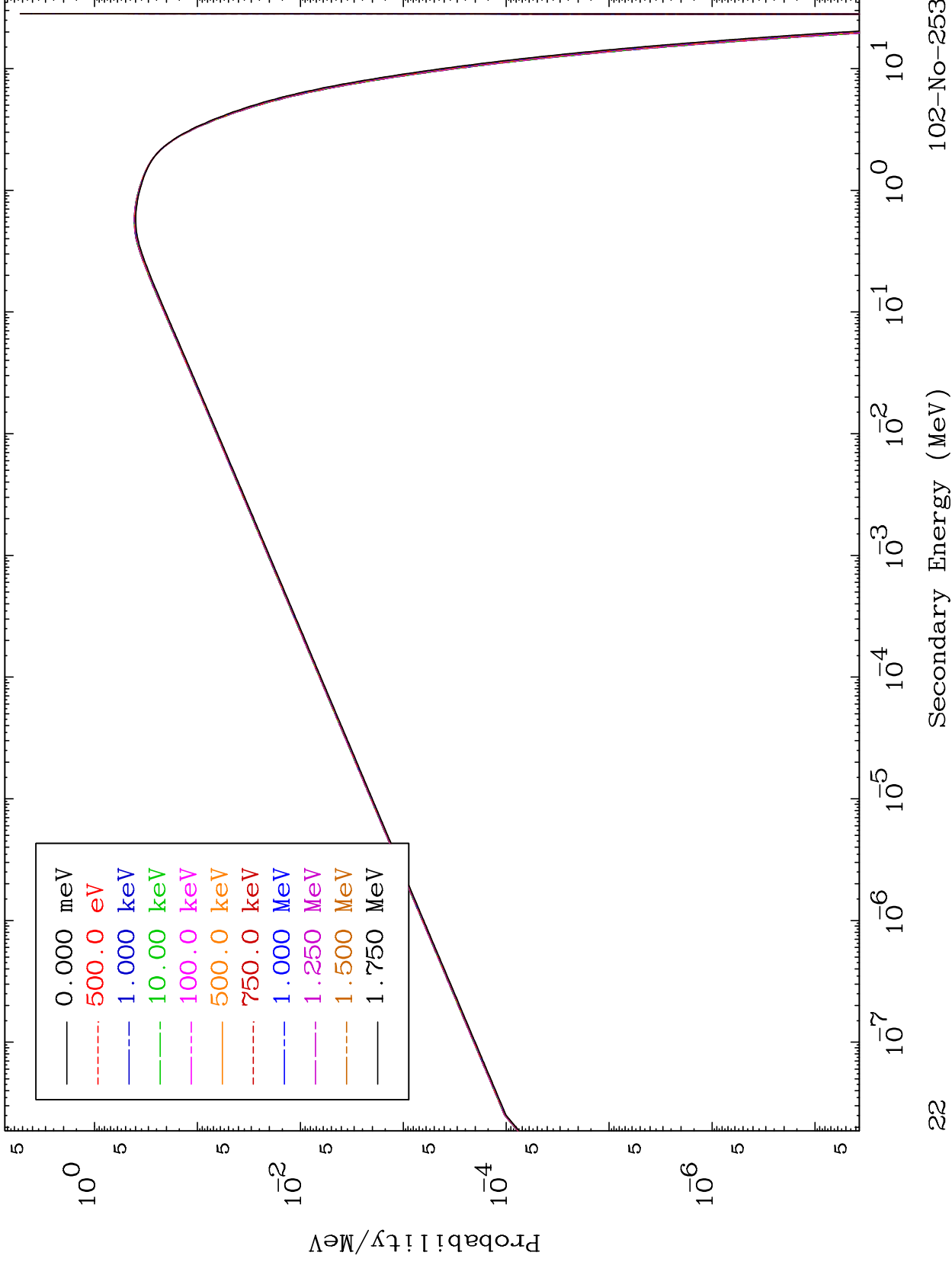
20

15

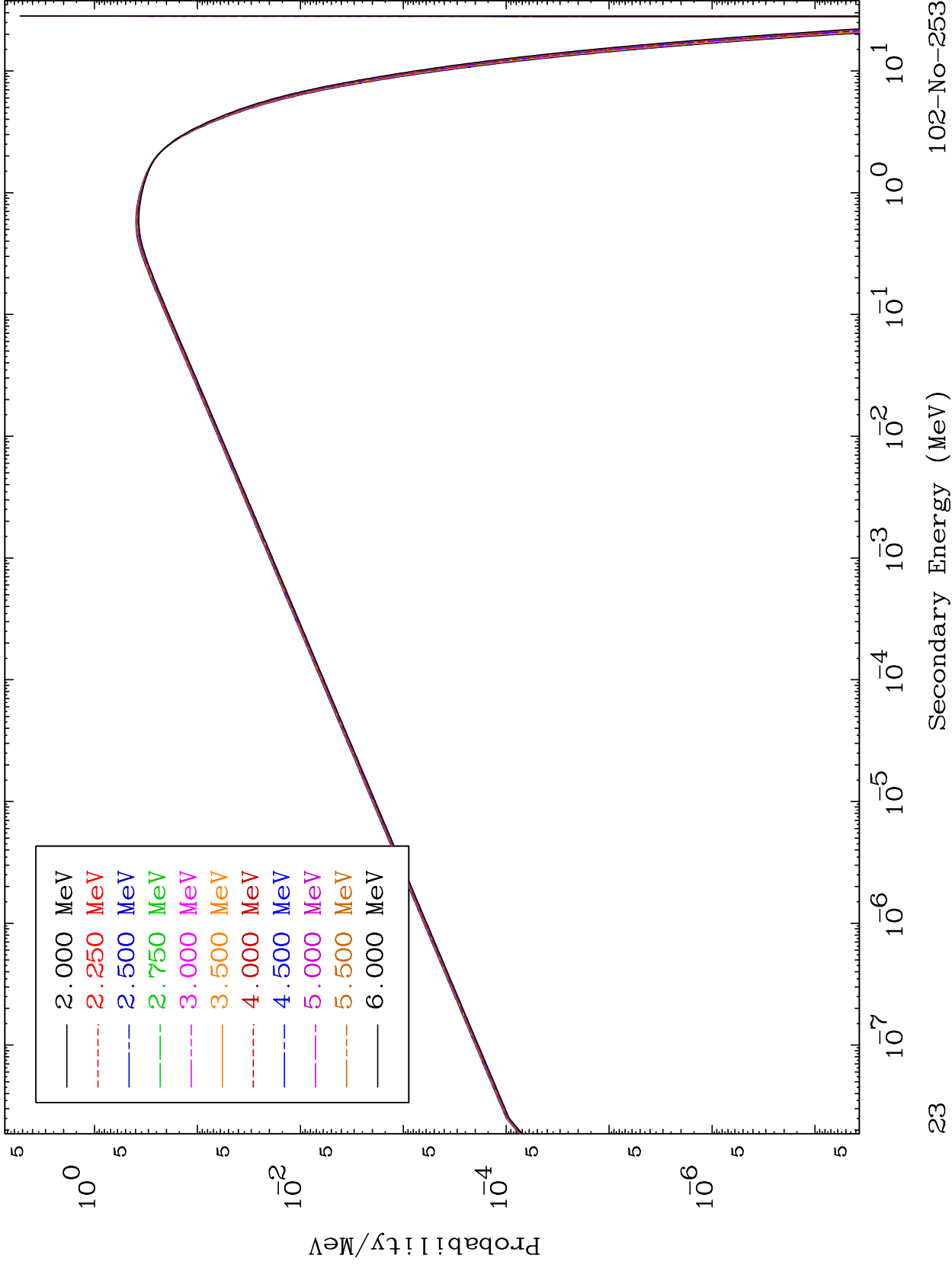
21

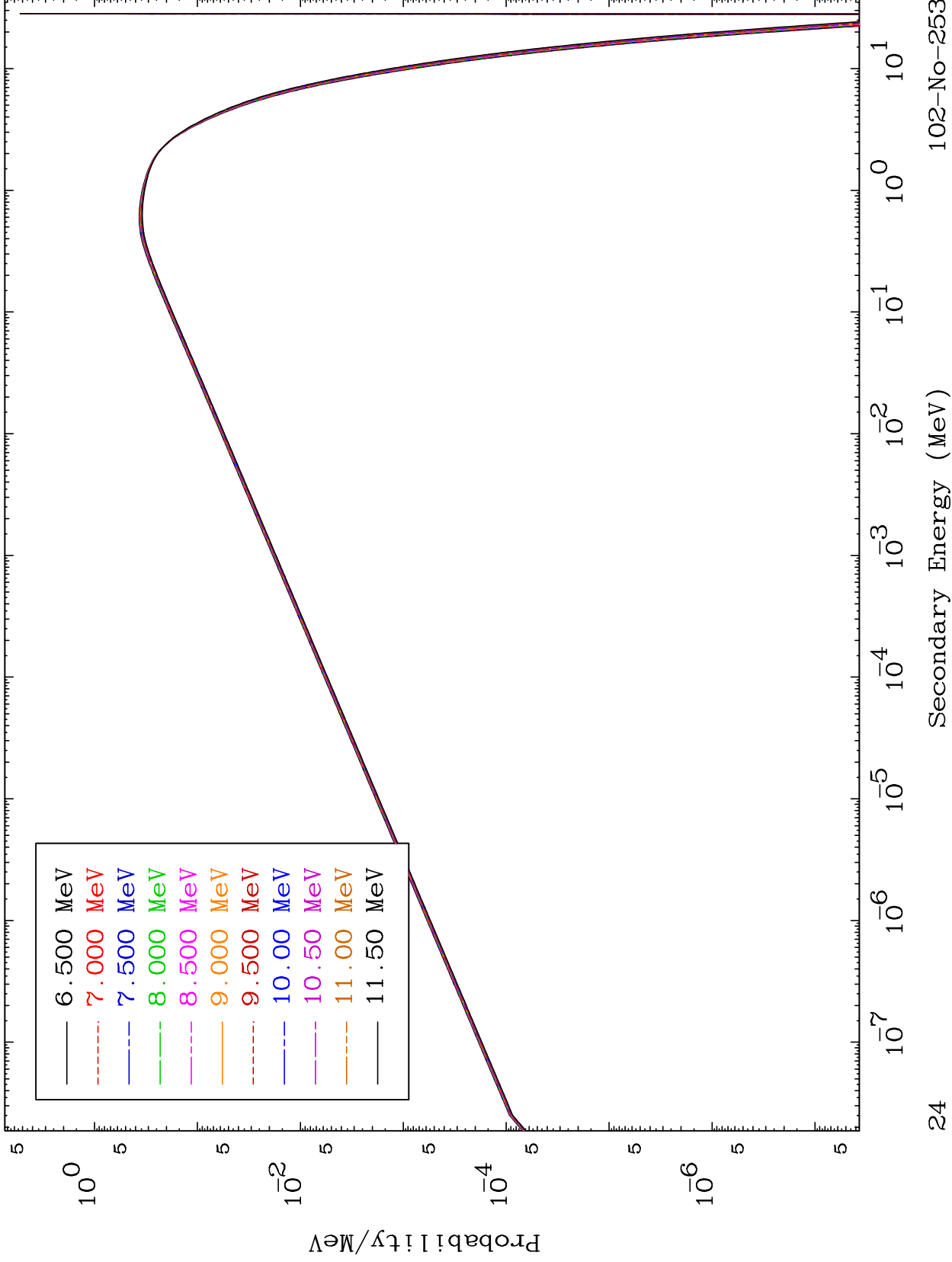
Incident Energy (MeV)

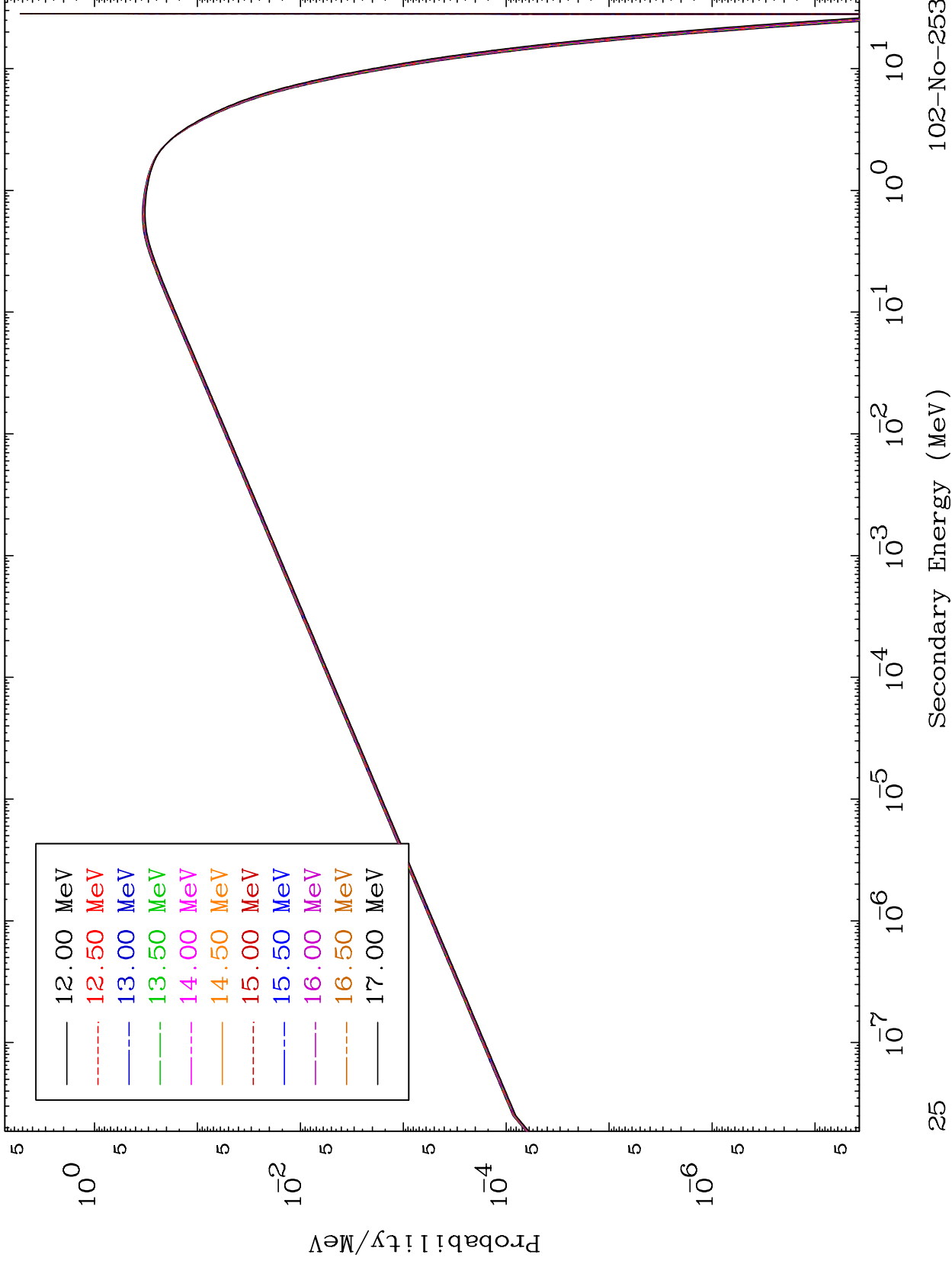
102-No-253

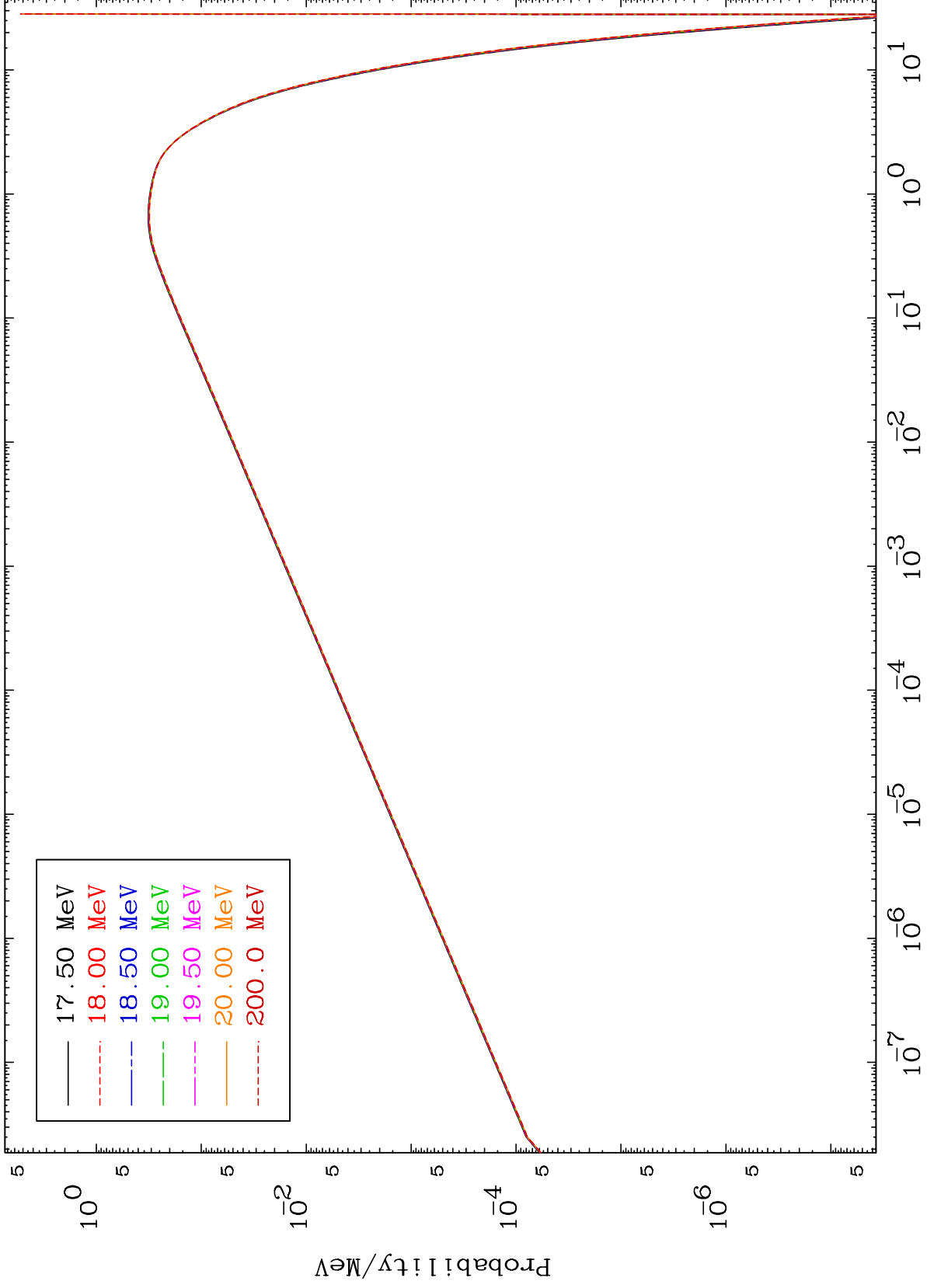


Fission
Energy Distribution







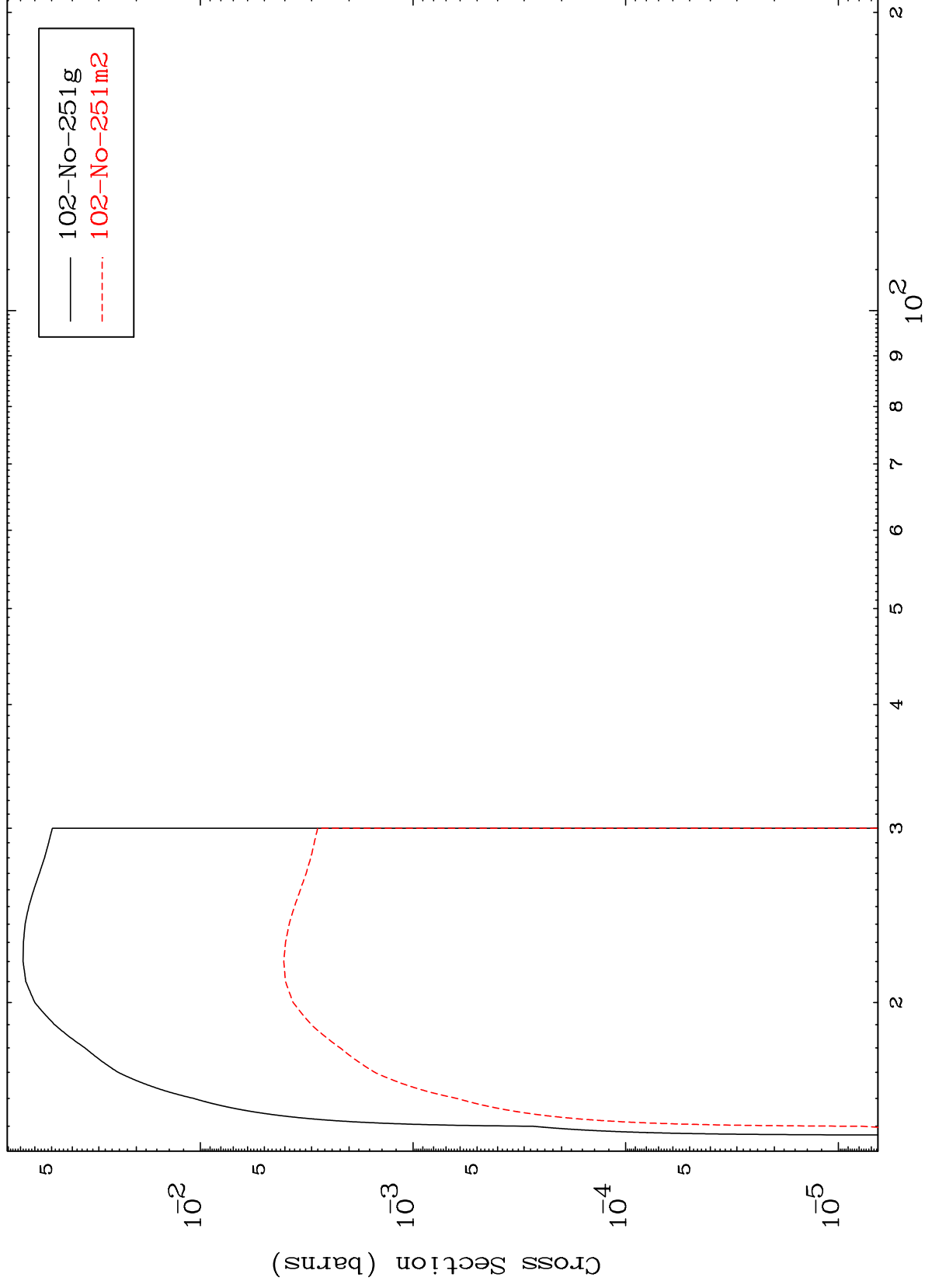


MAT 9971

(n,3n)

102-No-253

Radionuclide Production Cross Section



27

Incident Energy (MeV)

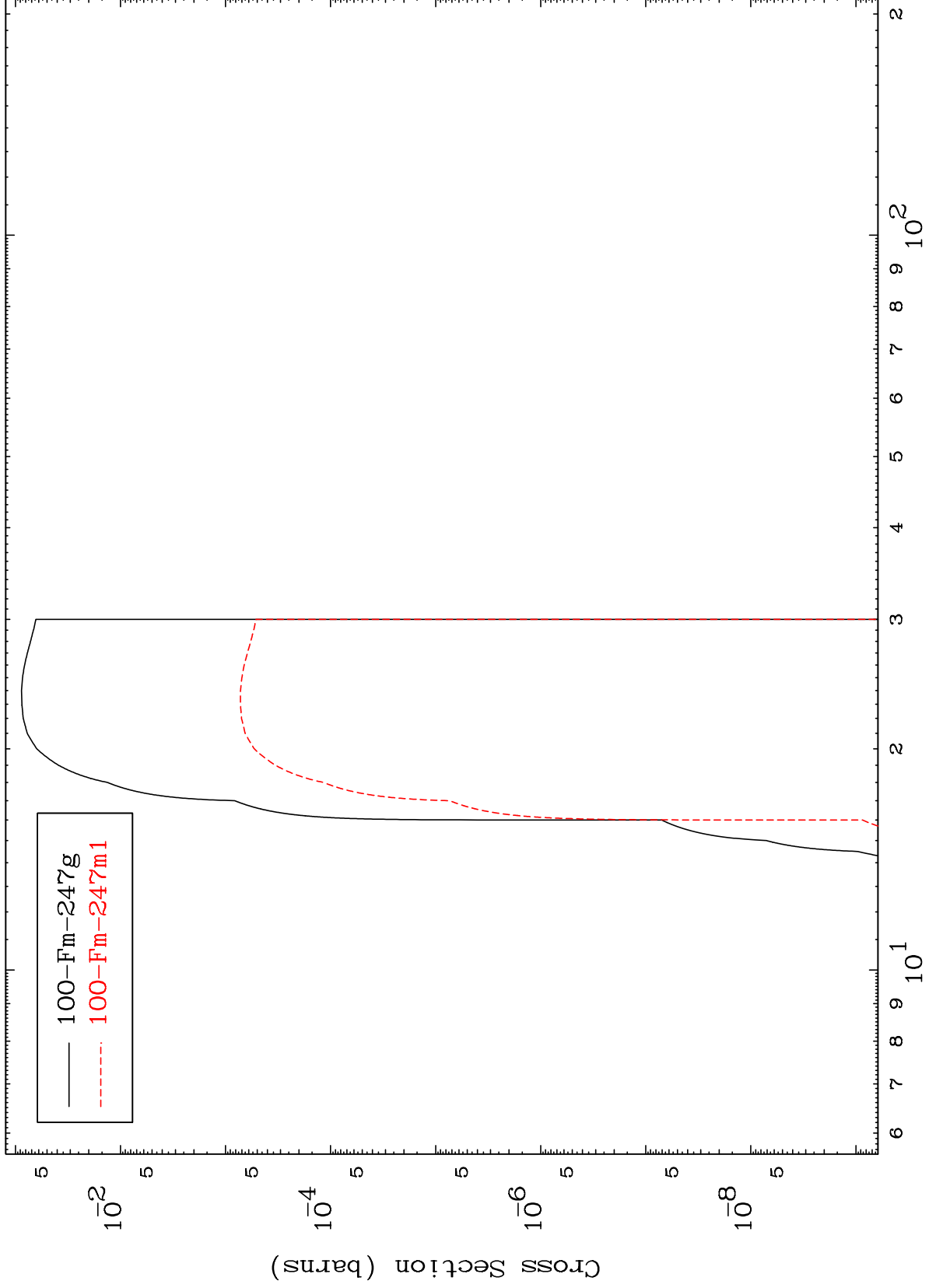
102-No-253

MAT 9971

(n,3n) α

102-No-253

Radionuclide Production Cross Section



28

Incident Energy (MeV)

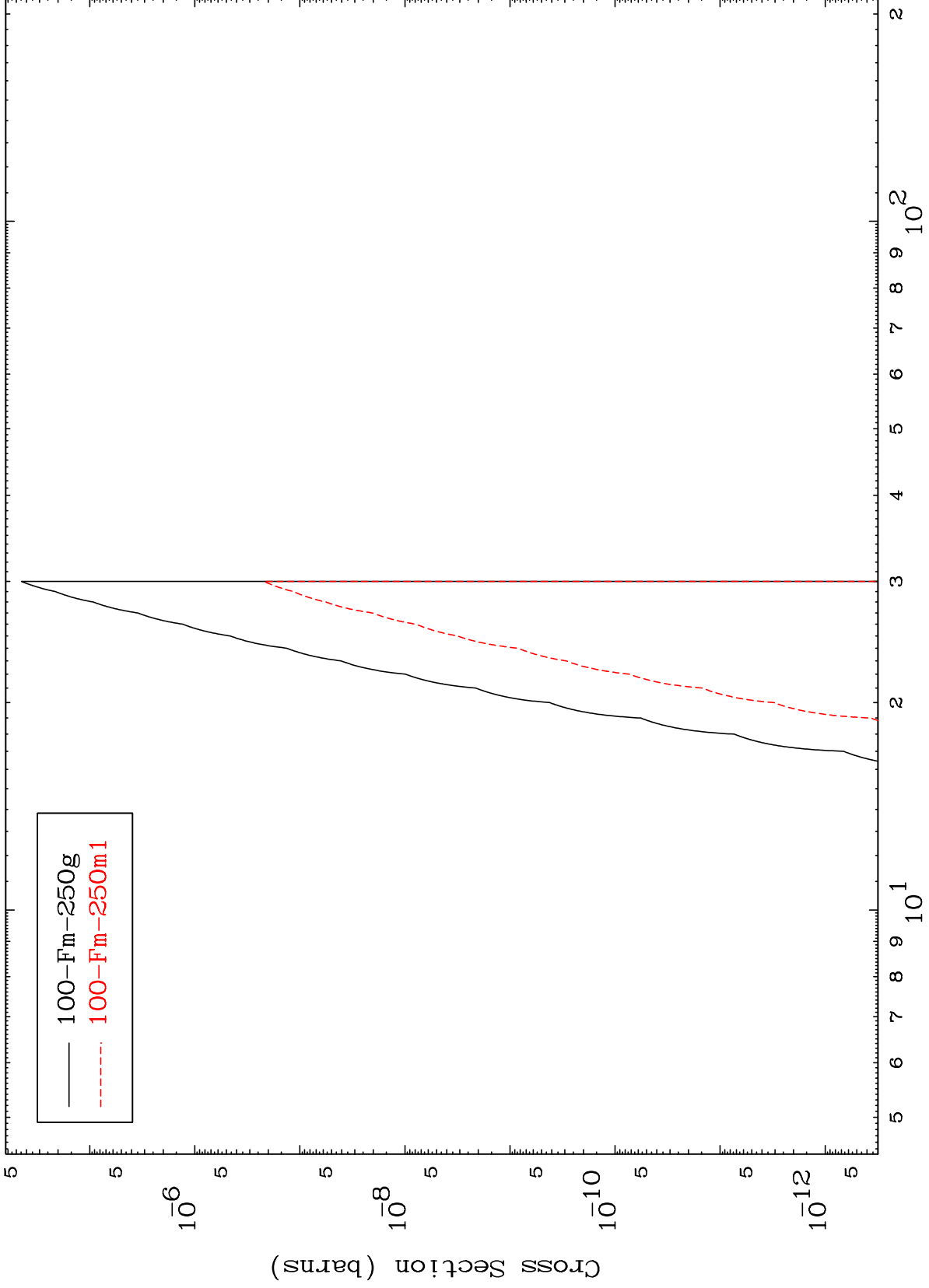
102-No-253

MAT 9971

(n,n') He-3

102-No-253

Radionuclide Production Cross Section



29

Incident Energy (MeV)

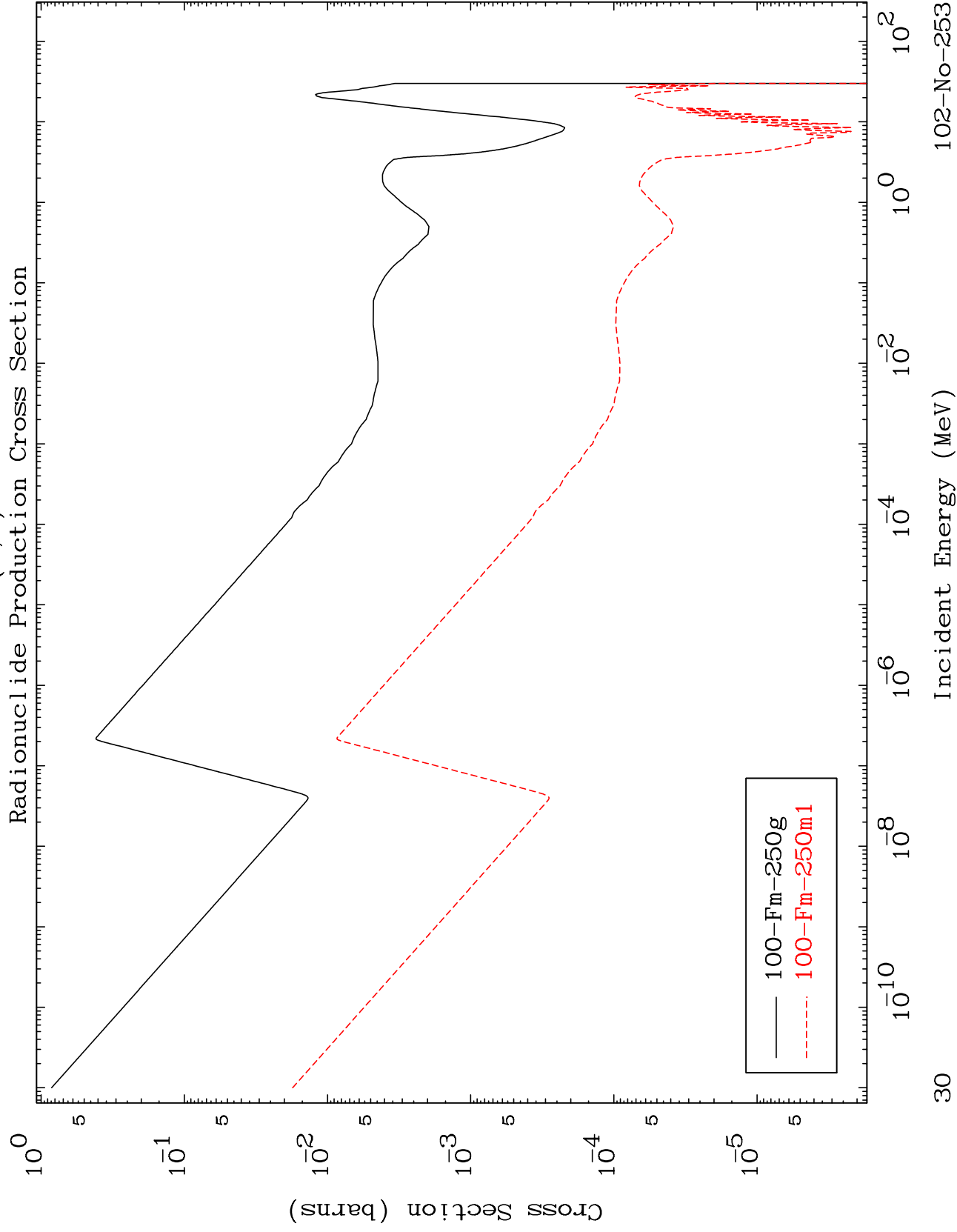
102-No-253

MAT 9971

102-No-253

Radionuclide Production Cross Section

(n, α)



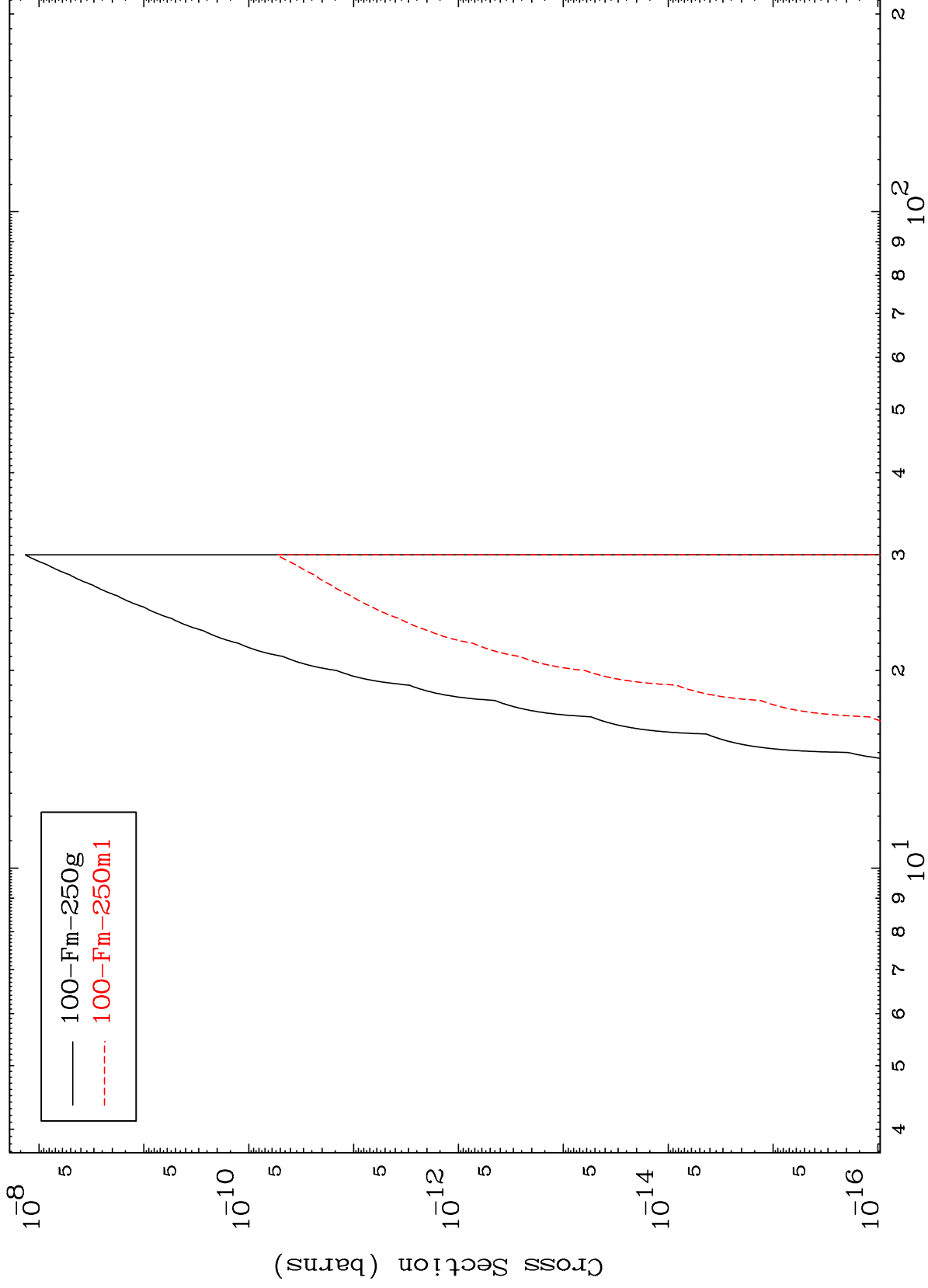
30

MAT 9971

(n,p) t

102-No-253

Radionuclide Production Cross Section



31

Incident Energy (MeV)

102-No-253