

Program EVALPLOT
(Version 2017-1)

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:redcullen1.net/HOMEPAGE.NEW

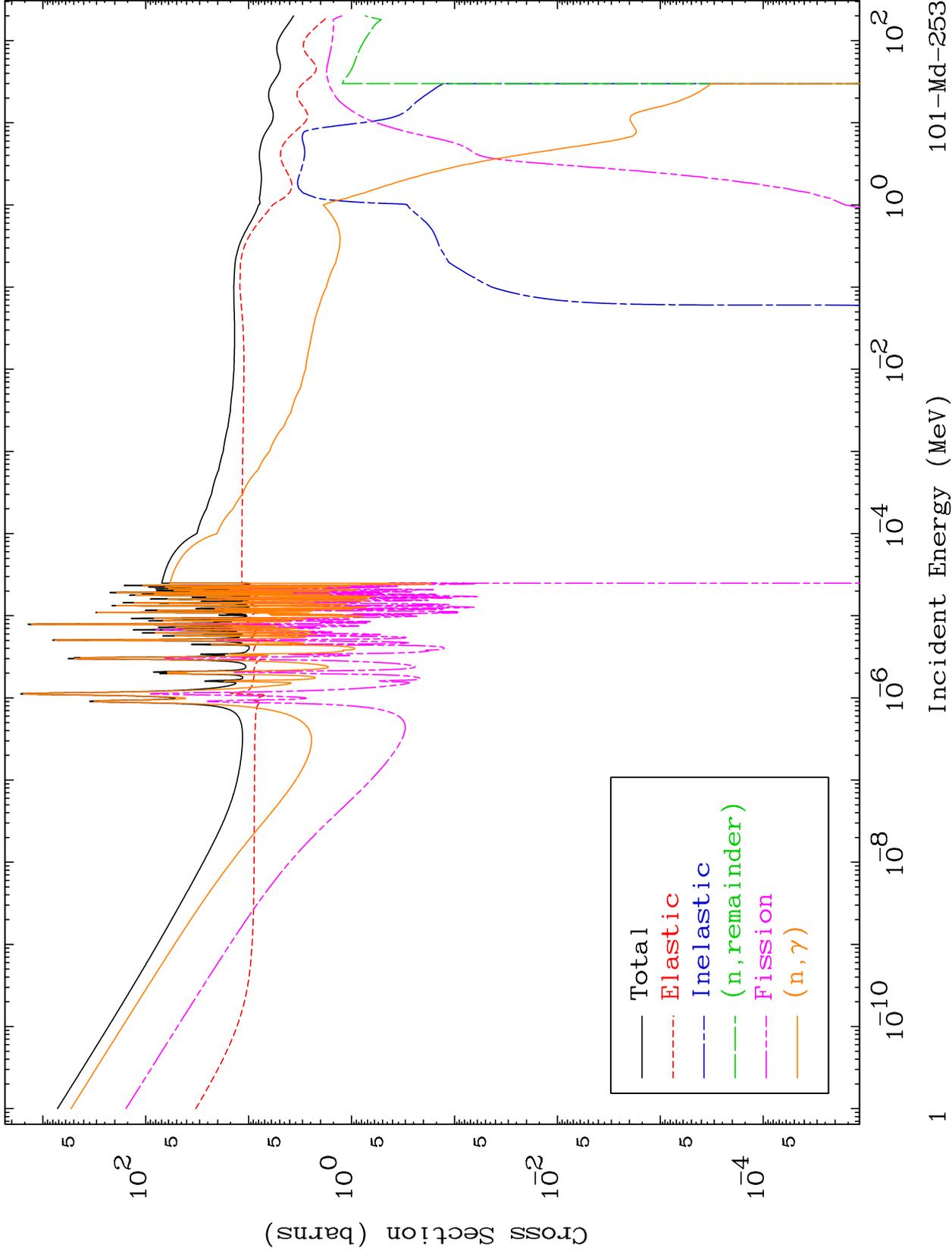
Press Mouse Button to Start

MAT 9954

Major

101-Md-253

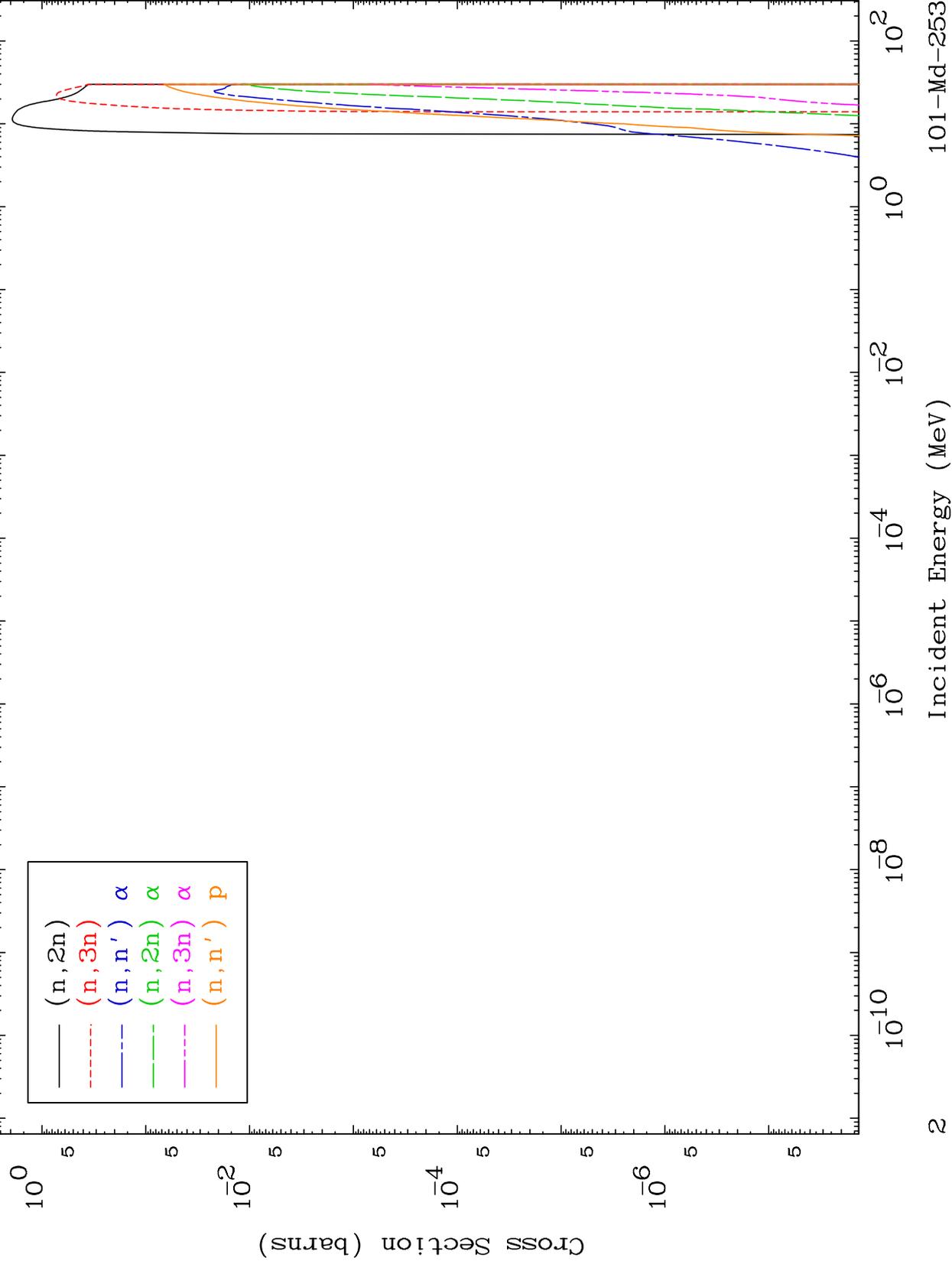
293 Kelvin Cross Sections

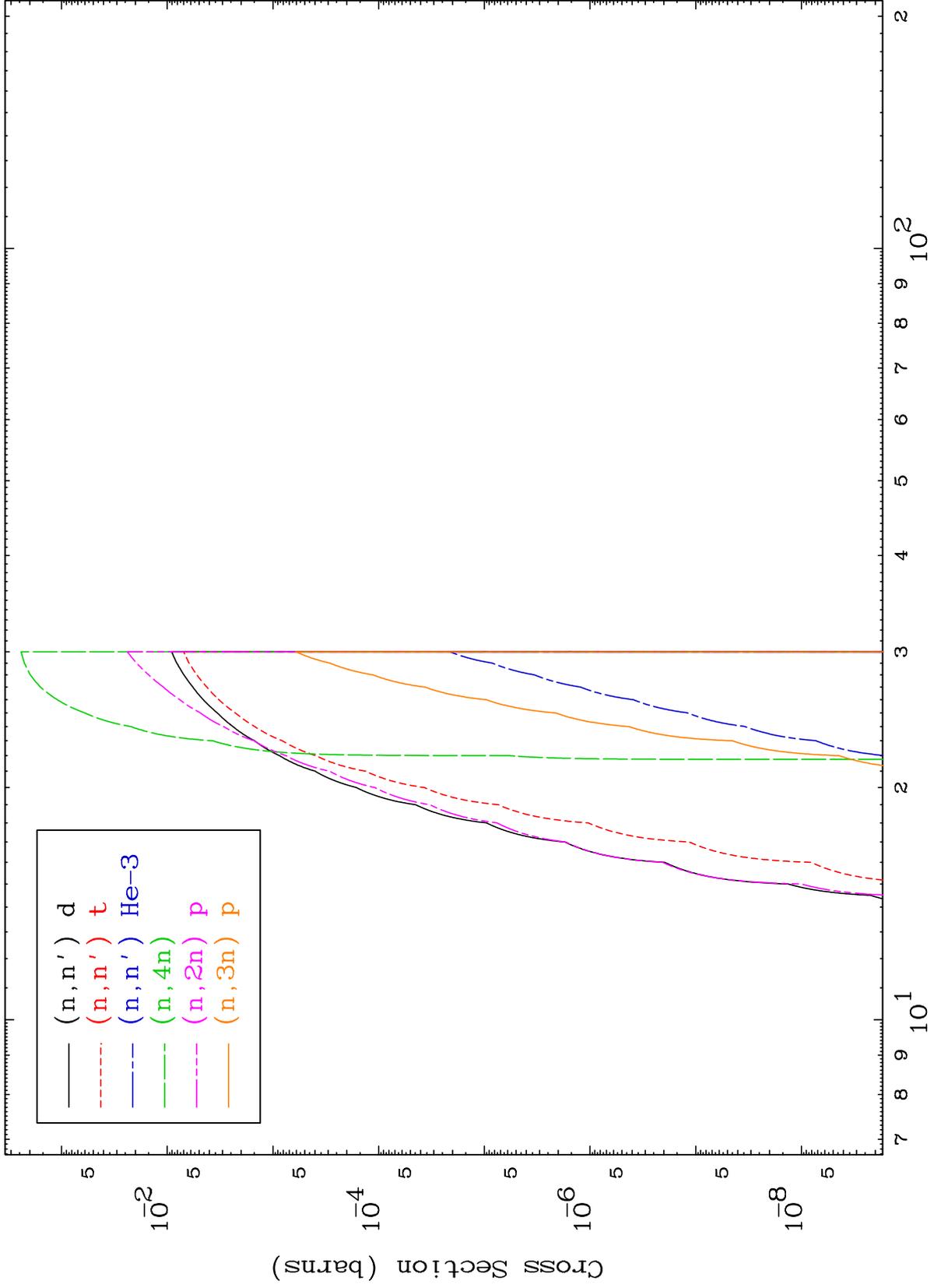


MAT 9954

Neutron Production
293 Kelvin Cross Sections

101-Md-253

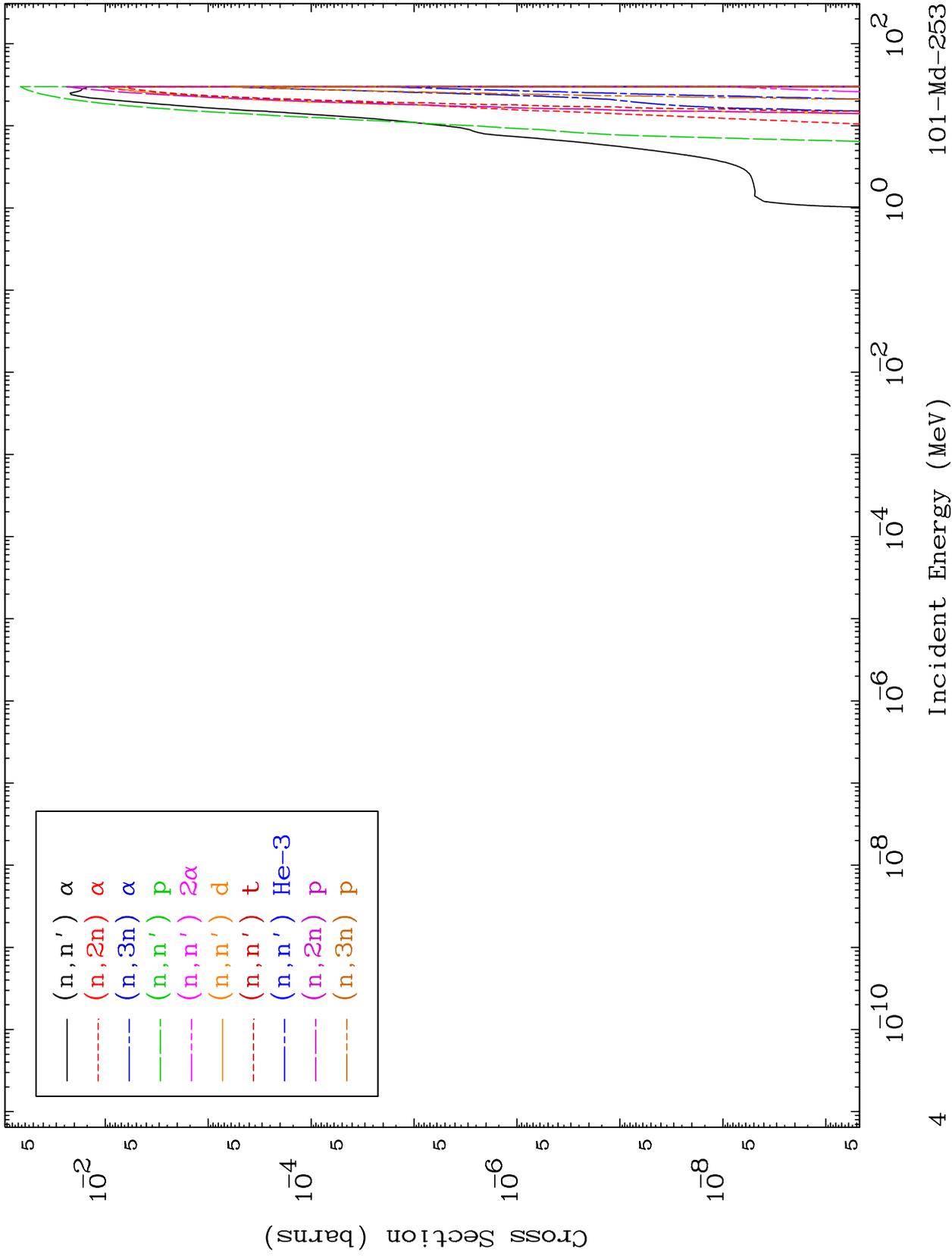




MAT 9954

Charged Particle
293 Kelvin Cross Sections

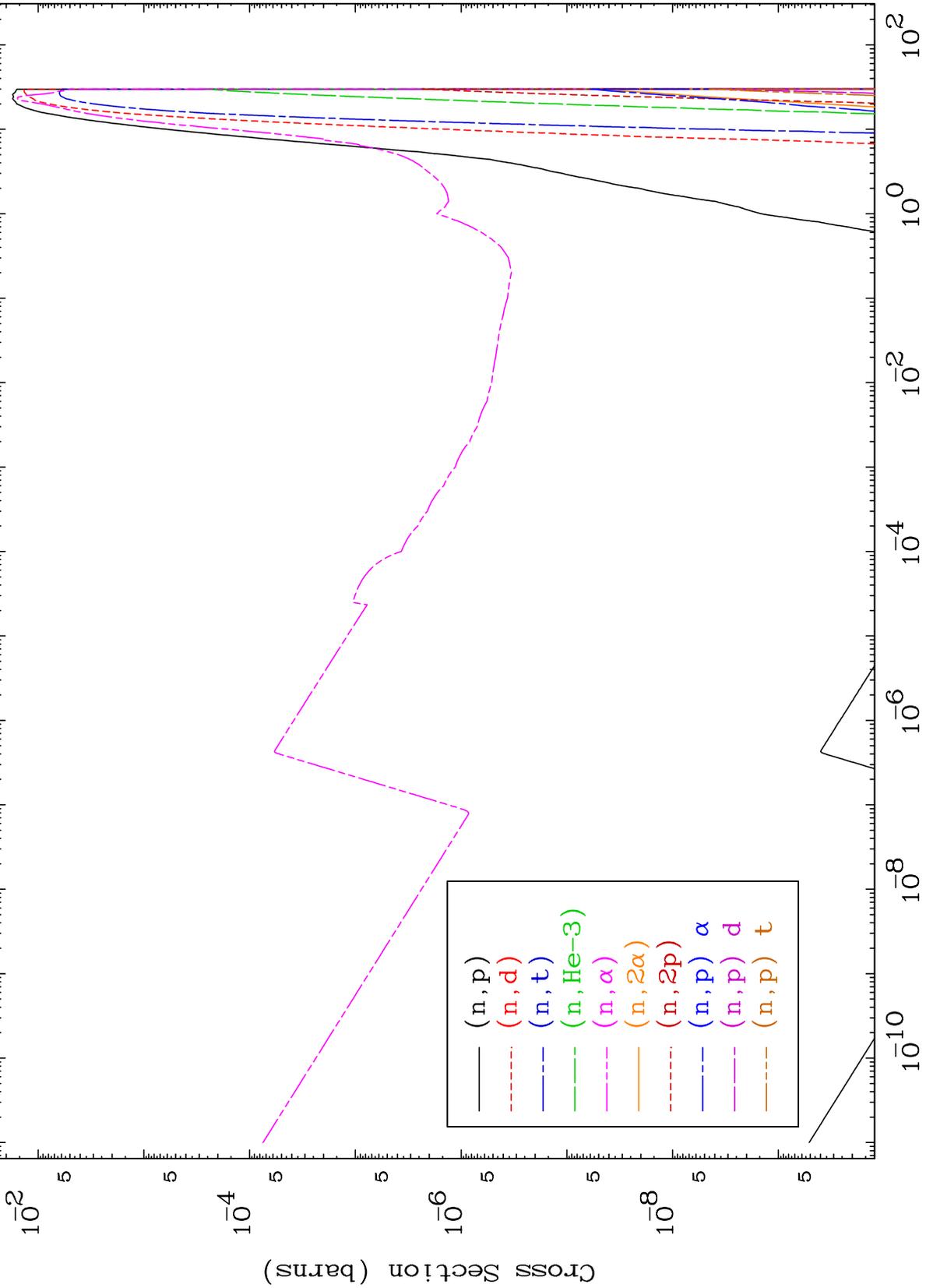
101-Md-253



MAT 9954

Charged Particle
293 Kelvin Cross Sections

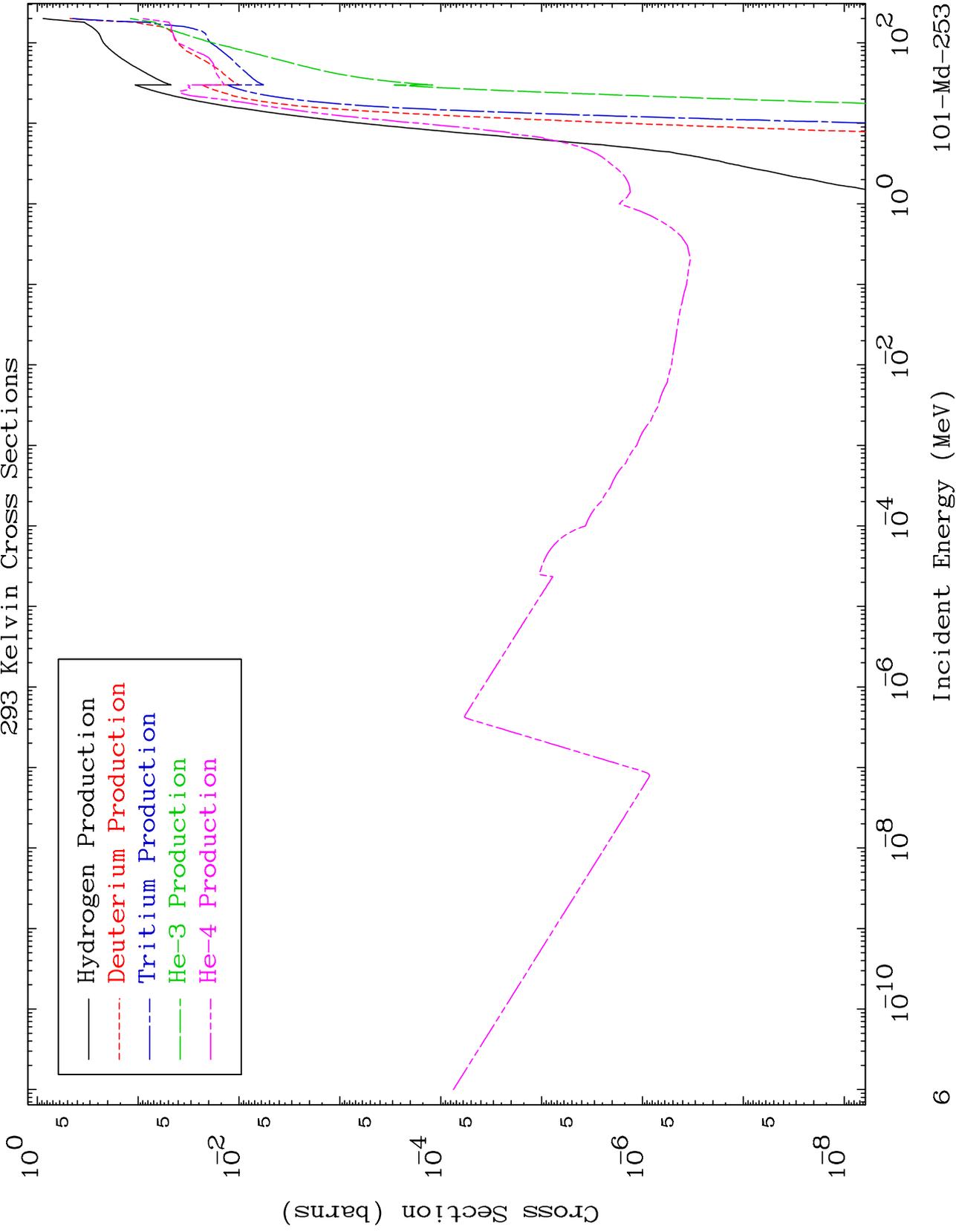
101-Md-253



MAT 9954

Particle Production
293 Kelvin Cross Sections

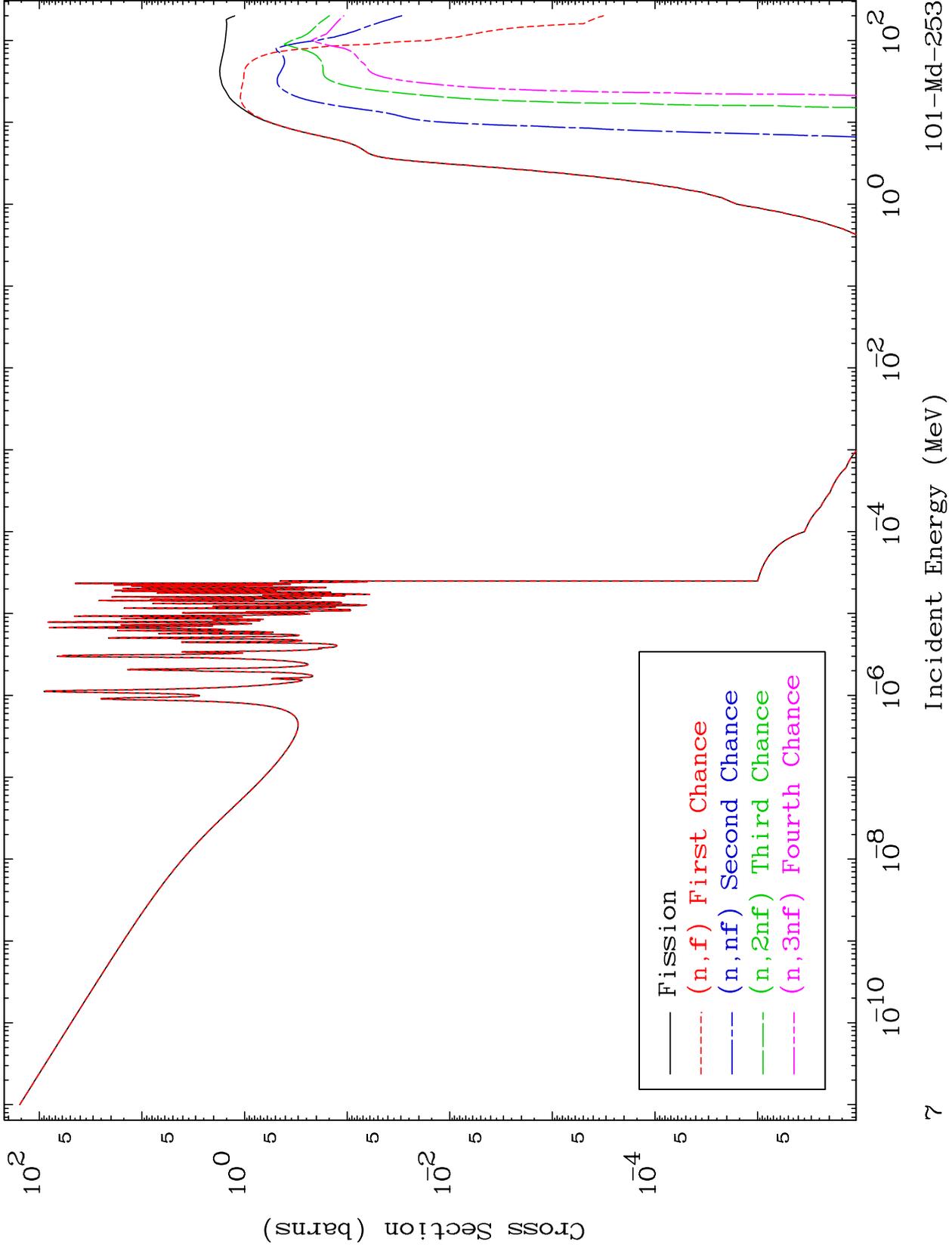
101-Md-253



MAT 9954

Fission
293 Kelvin Cross Sections

101-Md-253

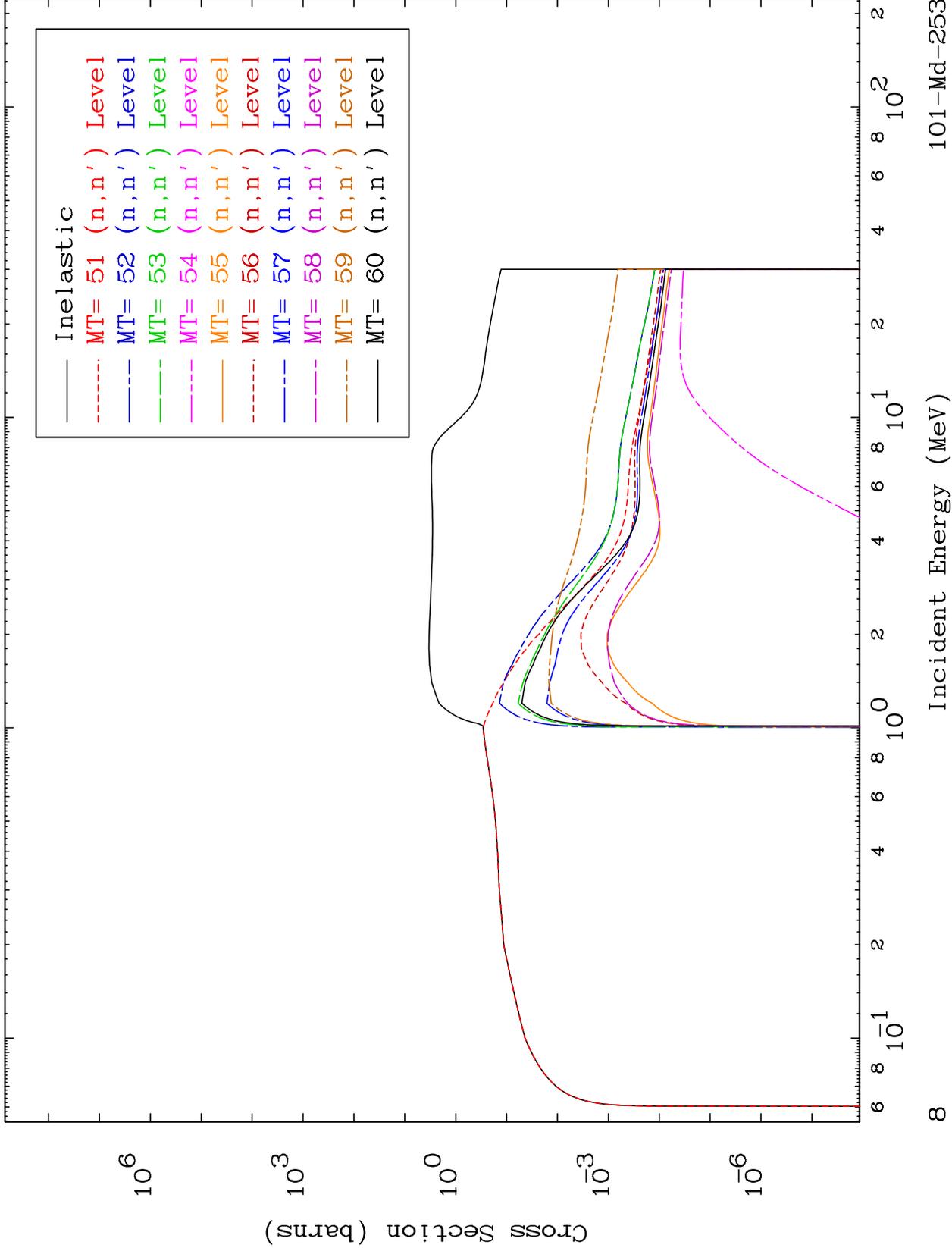


MAT 9954

(n,n') Level

101-Md-253

293 Kelvin Cross Sections

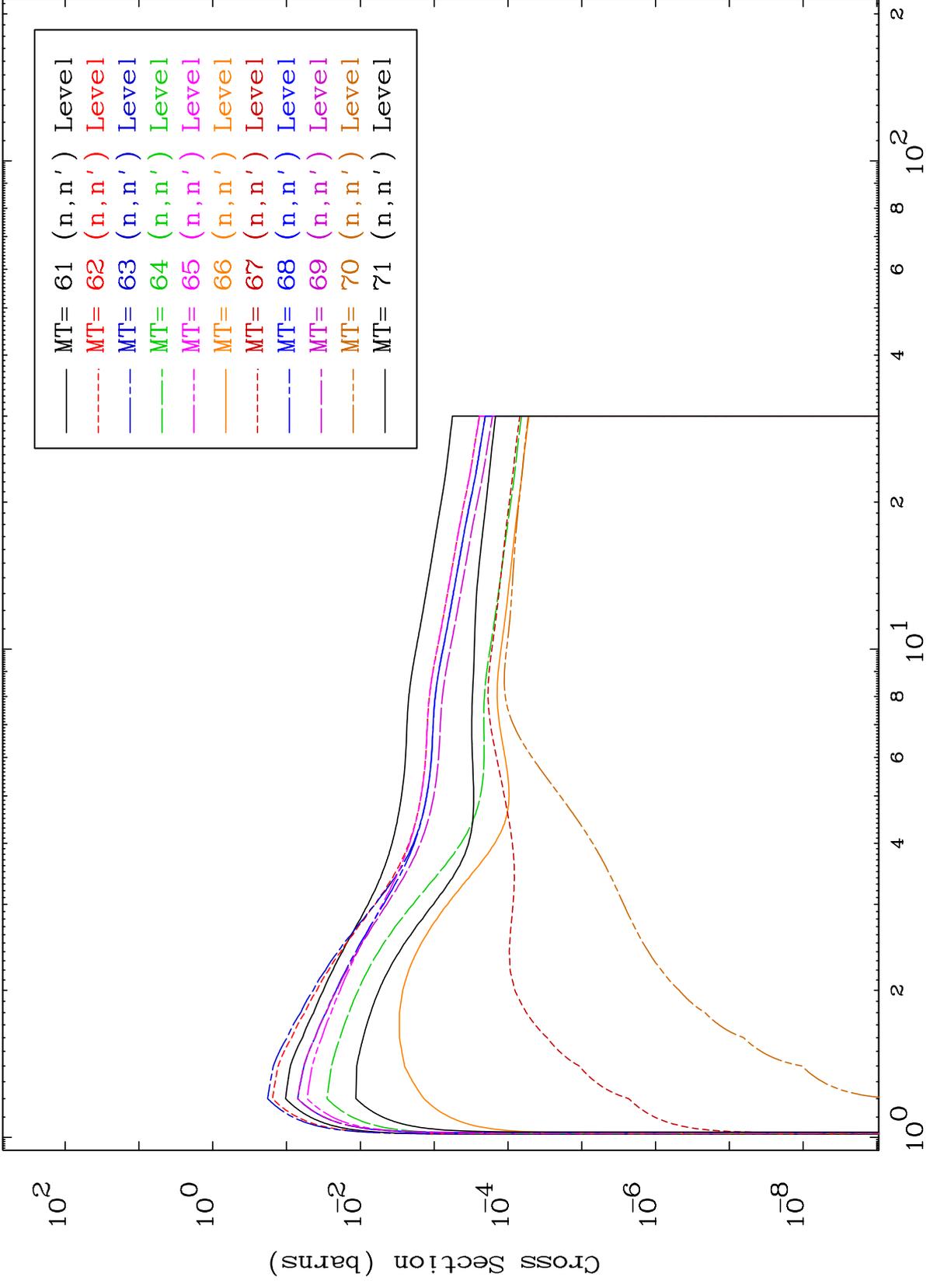


MAT 9954

(n,n') Level

101-Md-253

293 Kelvin Cross Sections



Incident Energy (MeV)

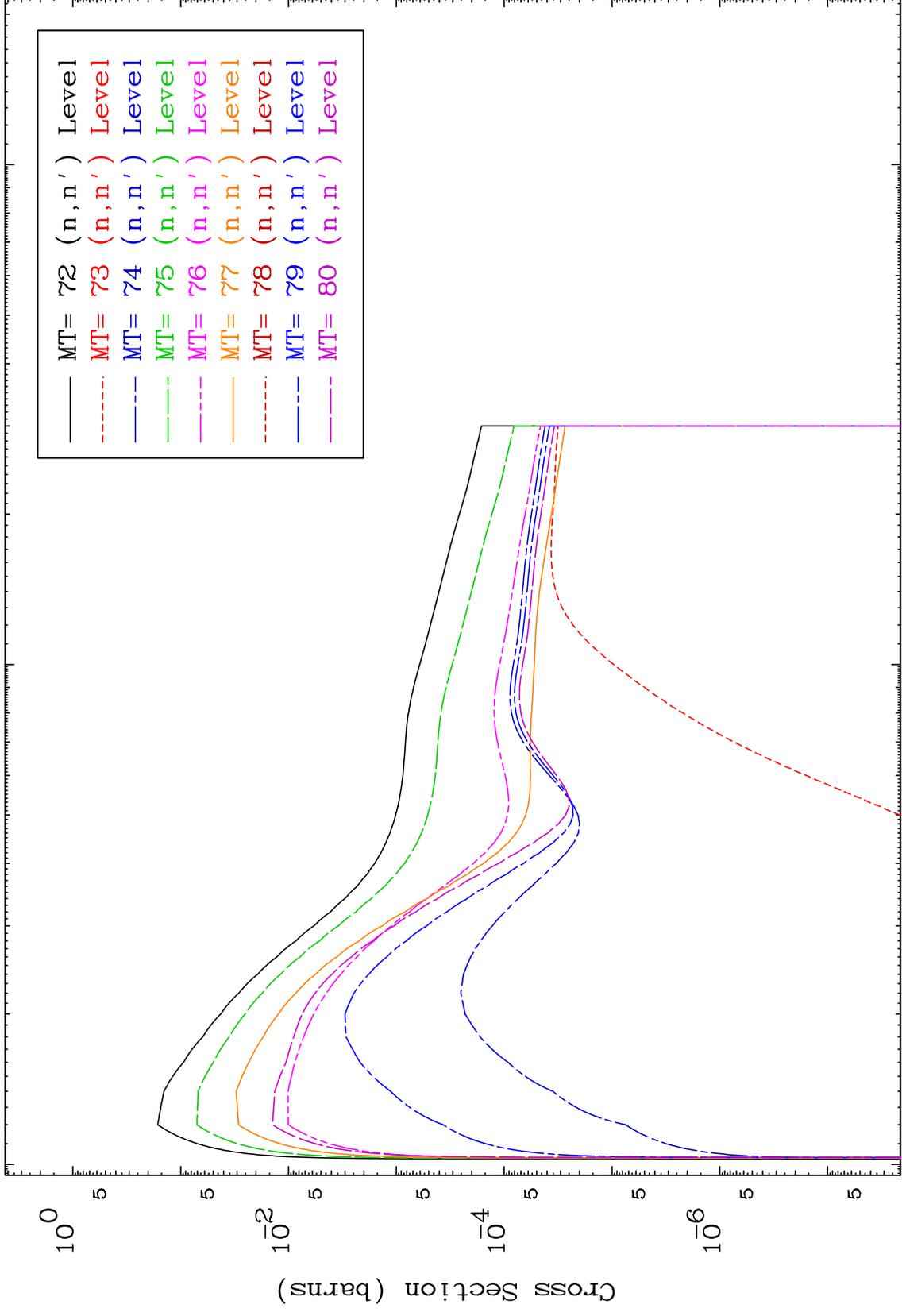
101-Md-253

MAT 9954

(n,n') Level

101-Md-253

293 Kelvin Cross Sections



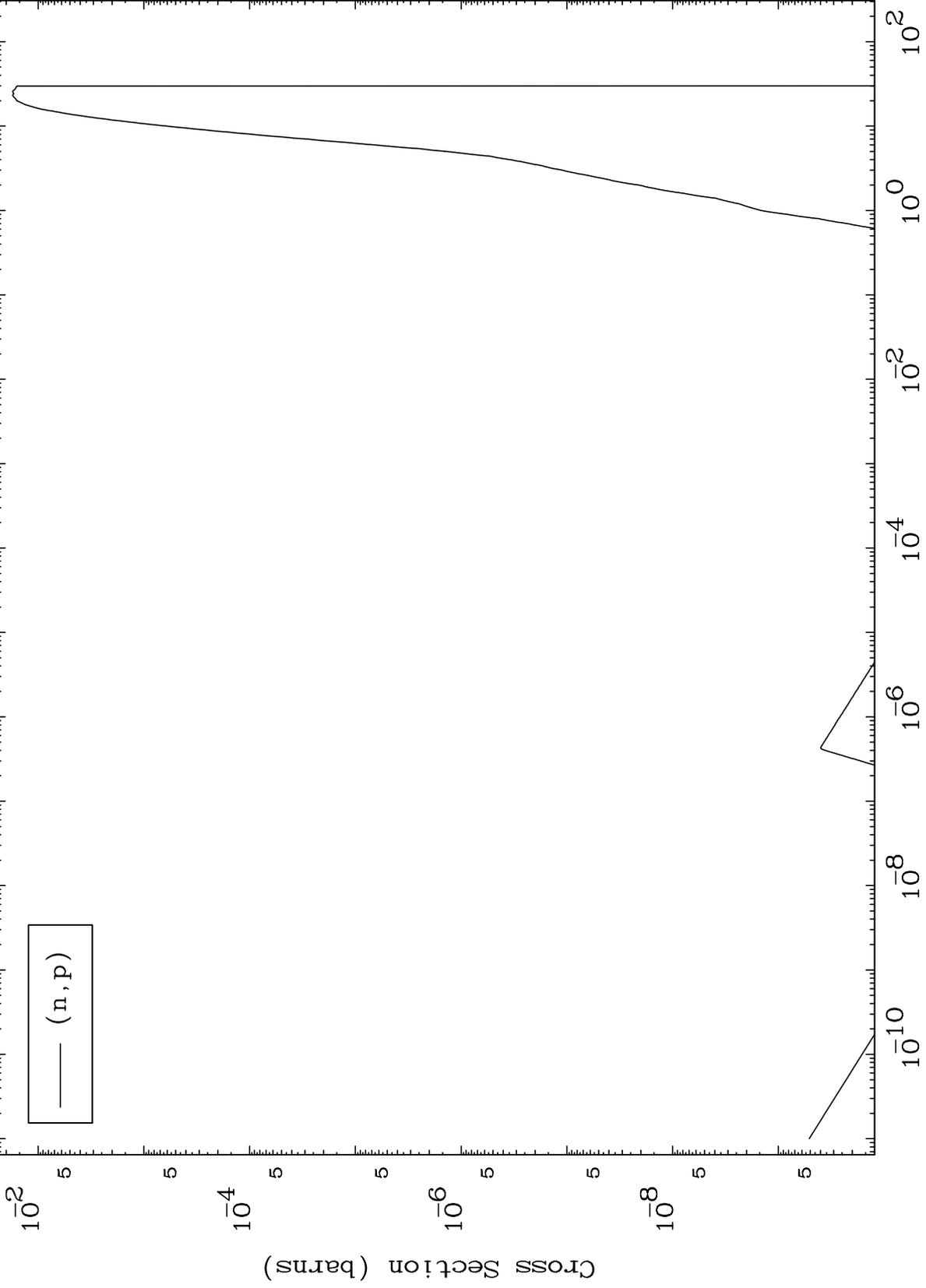
Incident Energy (MeV)

101-Md-253

MAT 9954

(n,p) Levels
293 Kelvin Cross Sections

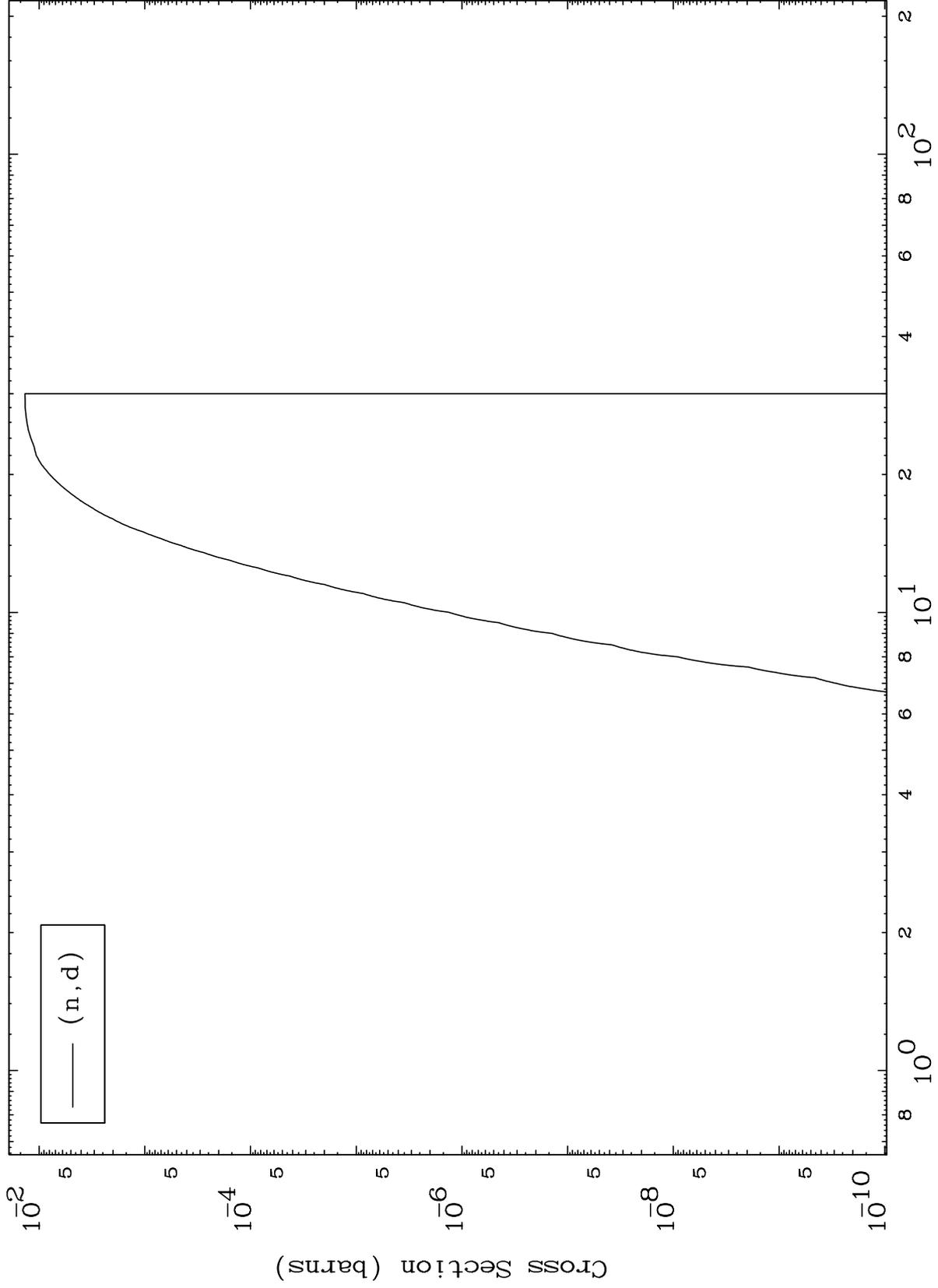
101-Md-253



MAT 9954

(n,d) Levels
293 Kelvin Cross Sections

101-Md-253



12

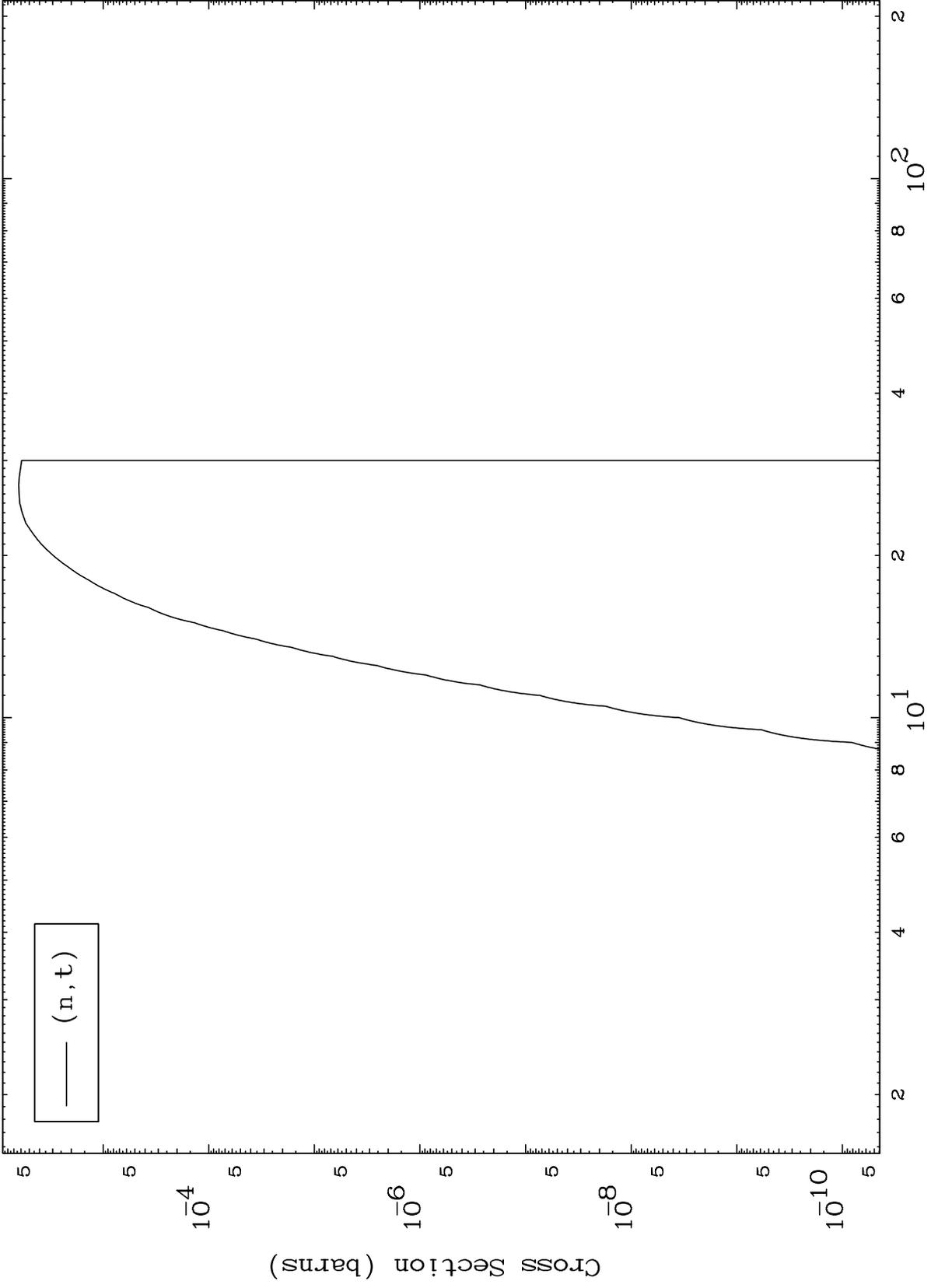
Incident Energy (MeV)

101-Md-253

MAT 9954

(n,t) Levels
293 Kelvin Cross Sections

101-Md-253



13

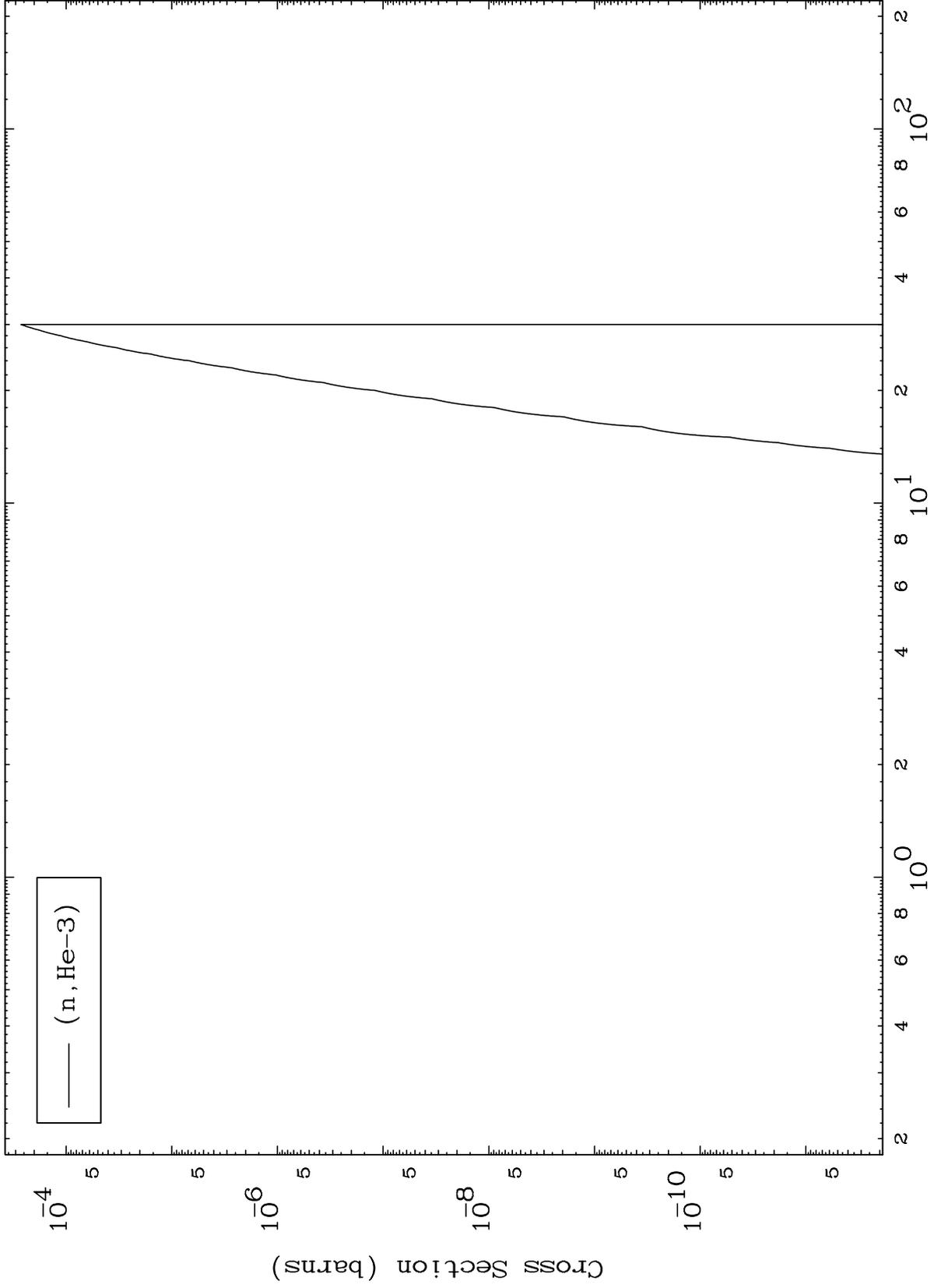
Incident Energy (MeV)

101-Md-253

MAT 9954

(n,He3) Levels
293 Kelvin Cross Sections

101-Md-253



14

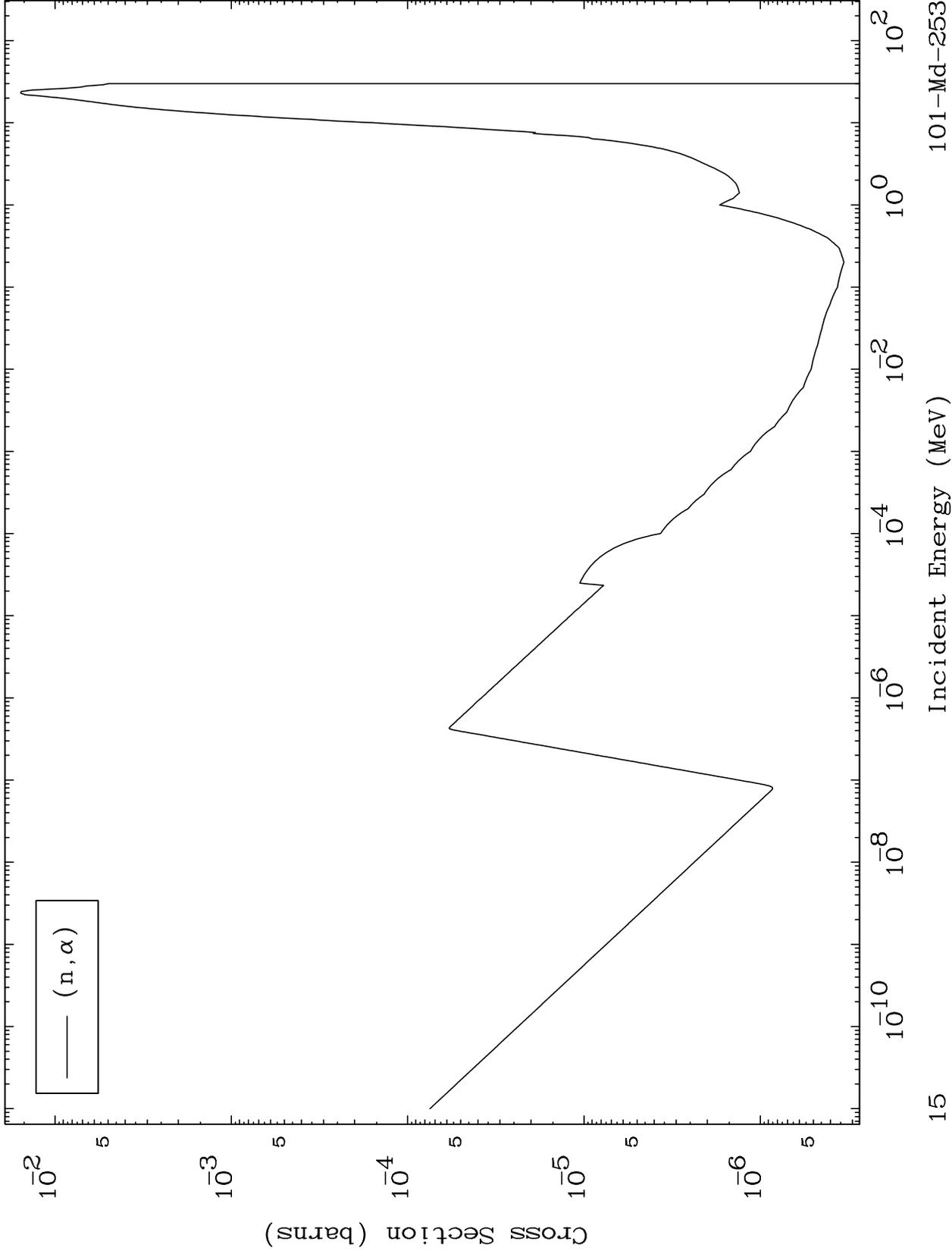
Incident Energy (MeV)

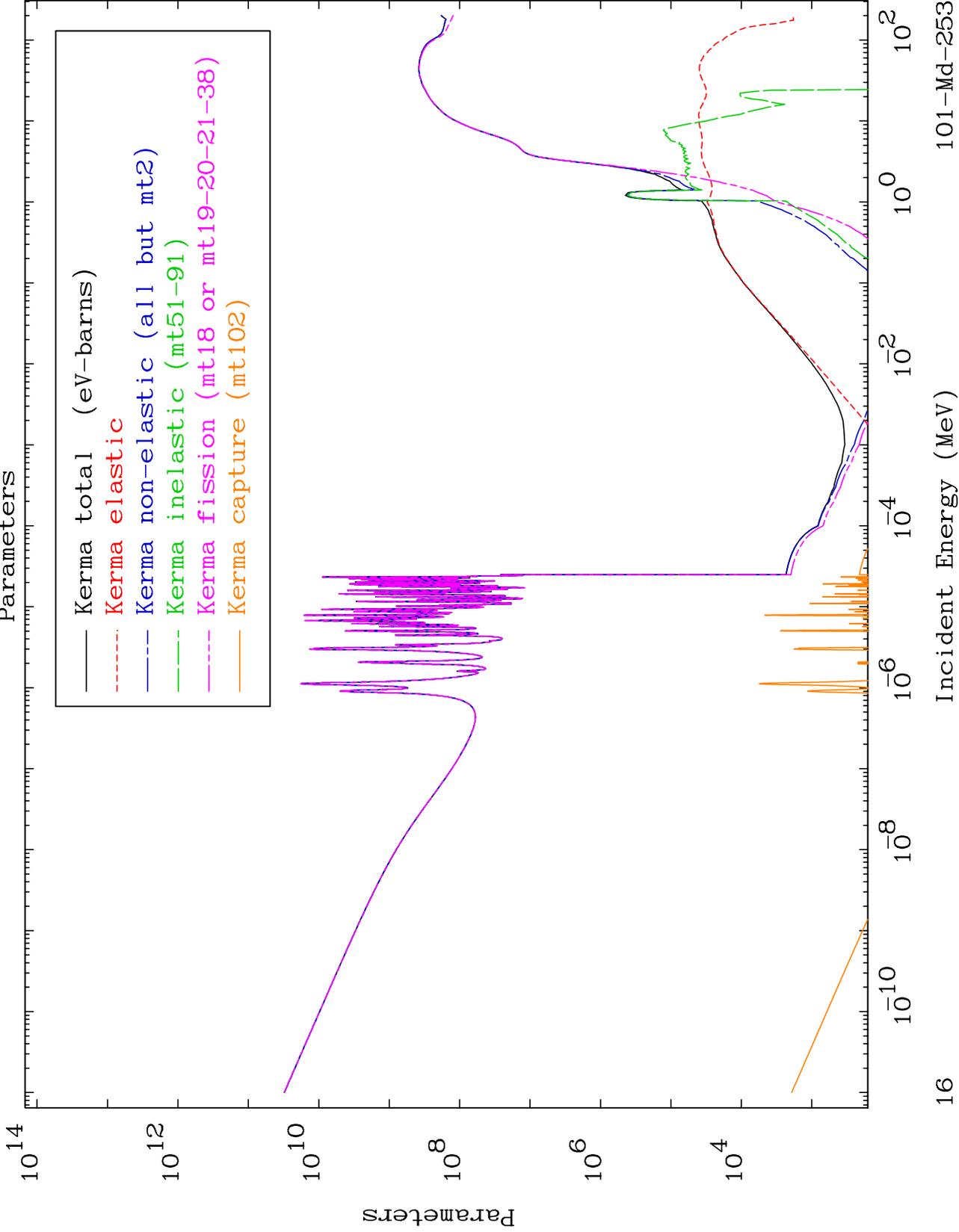
101-Md-253

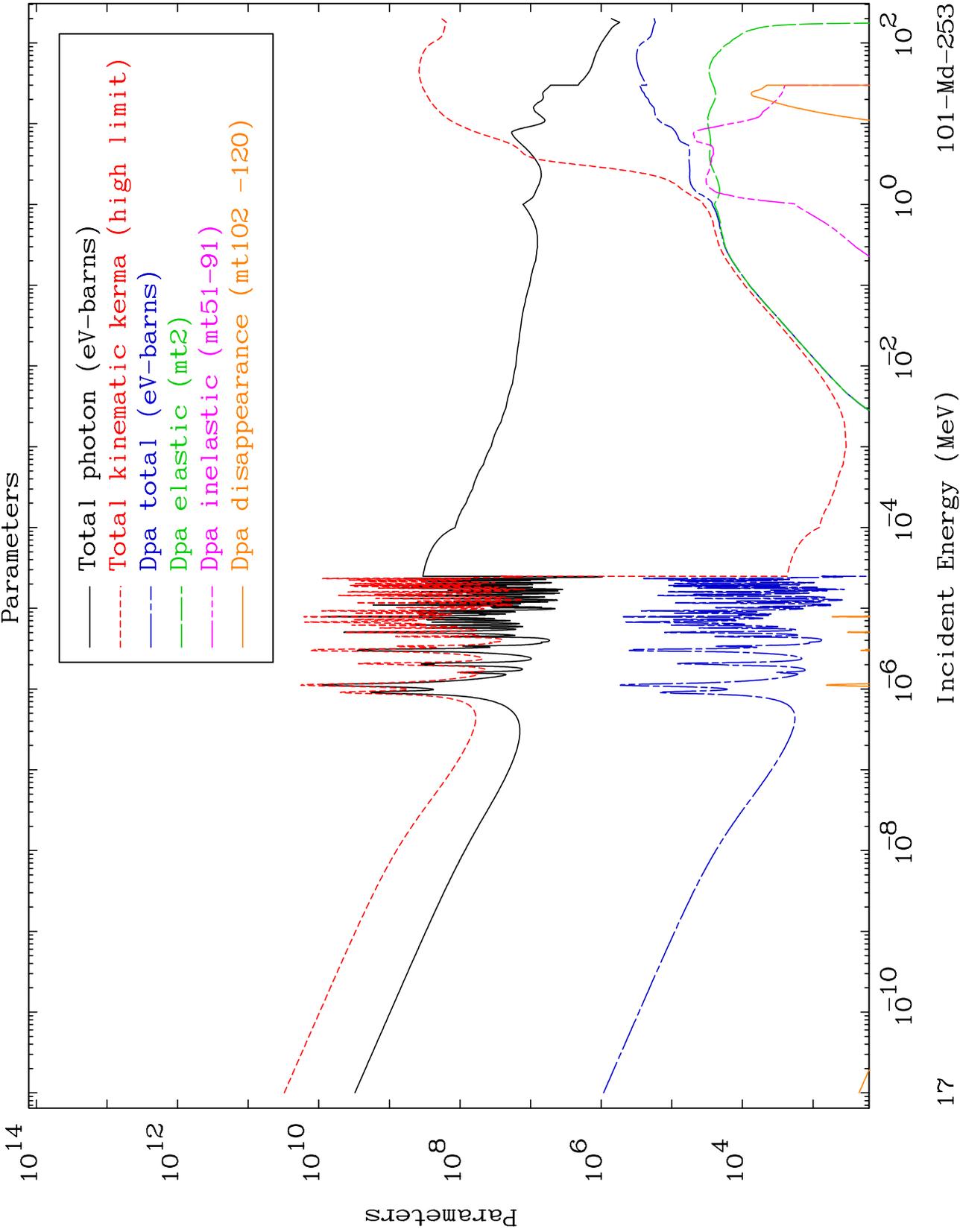
MAT 9954

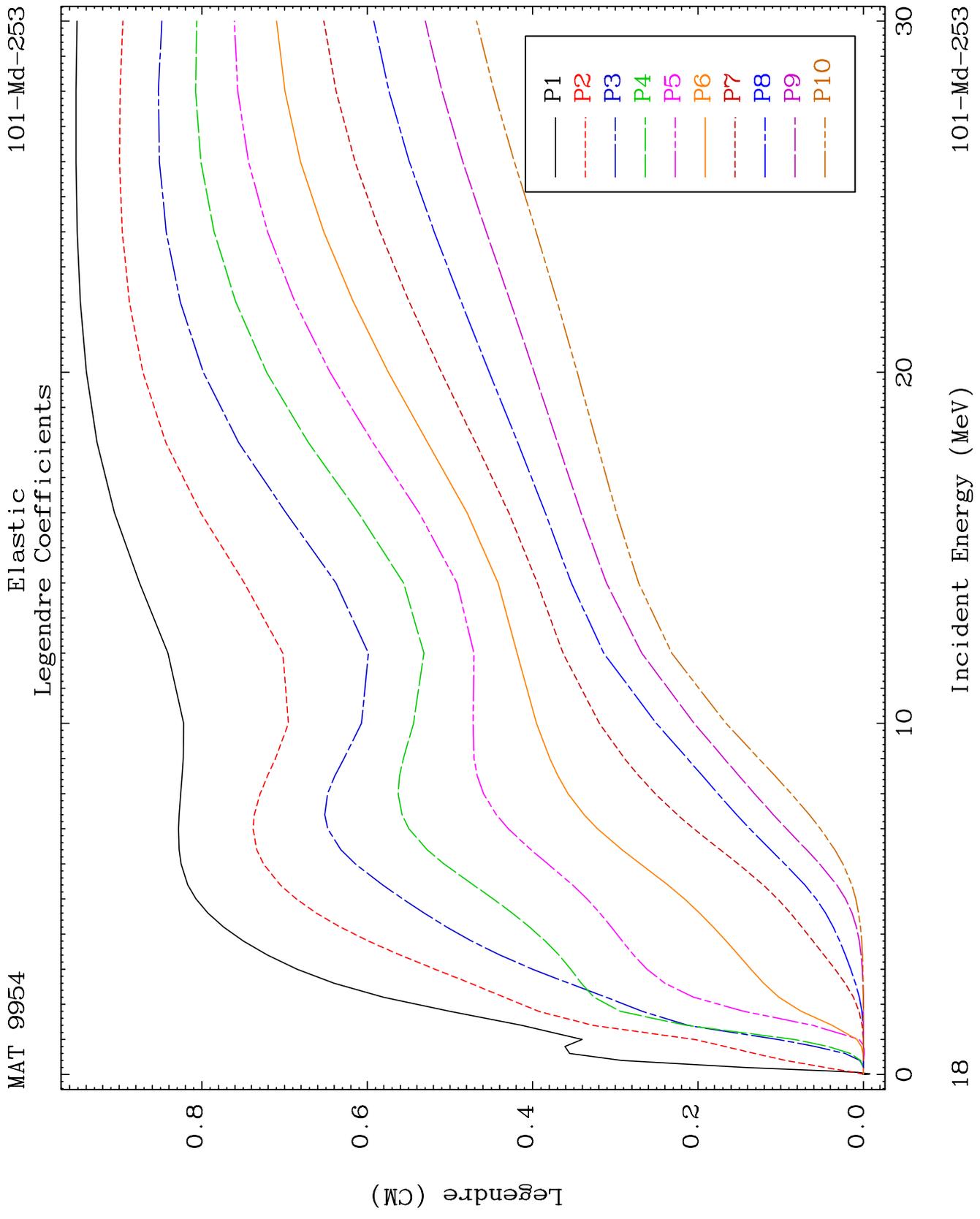
(n, α) Levels
293 Kelvin Cross Sections

101-Md-253





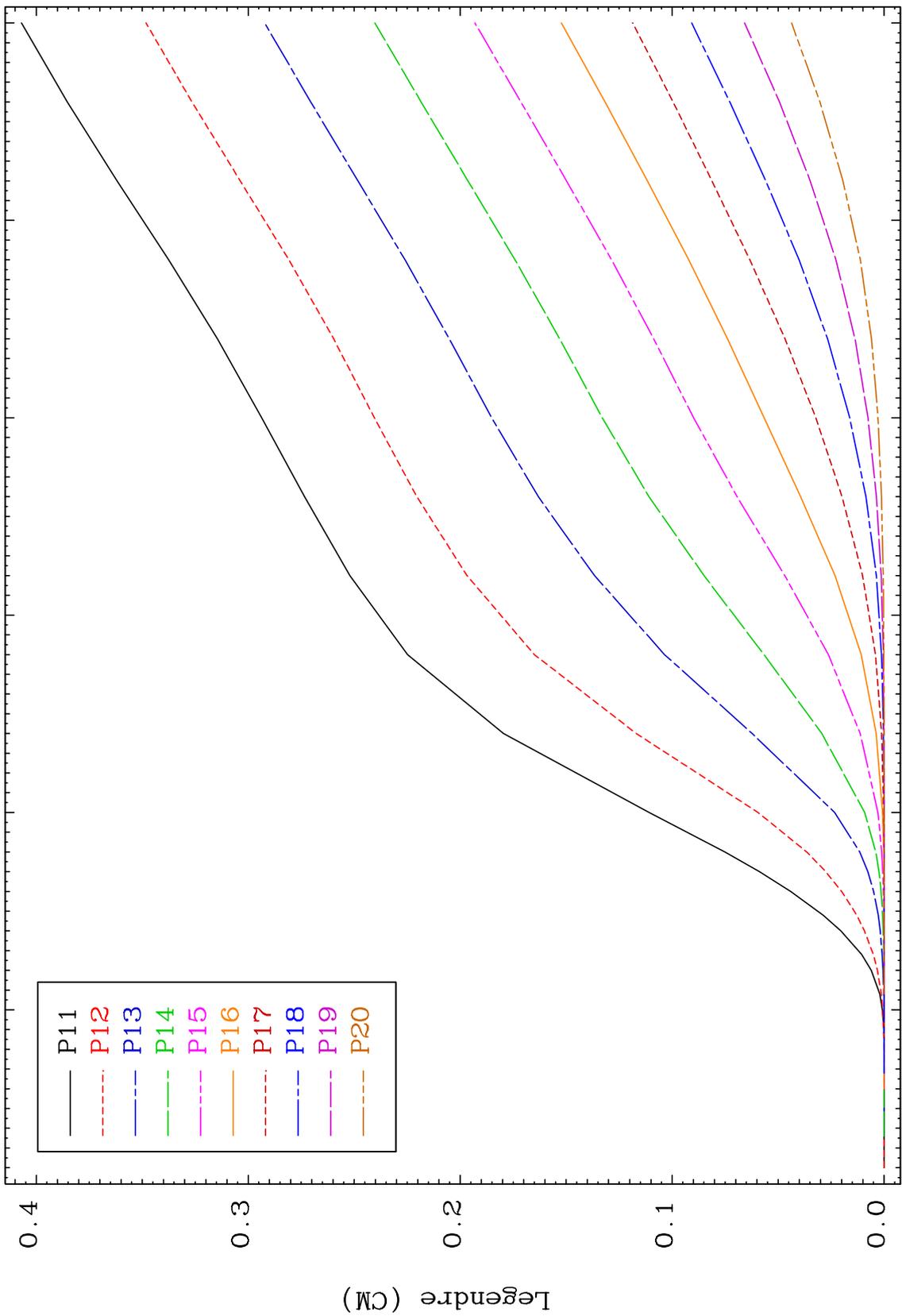




MAT 9954

Elastic Legendre Coefficients

101-Md-253



19

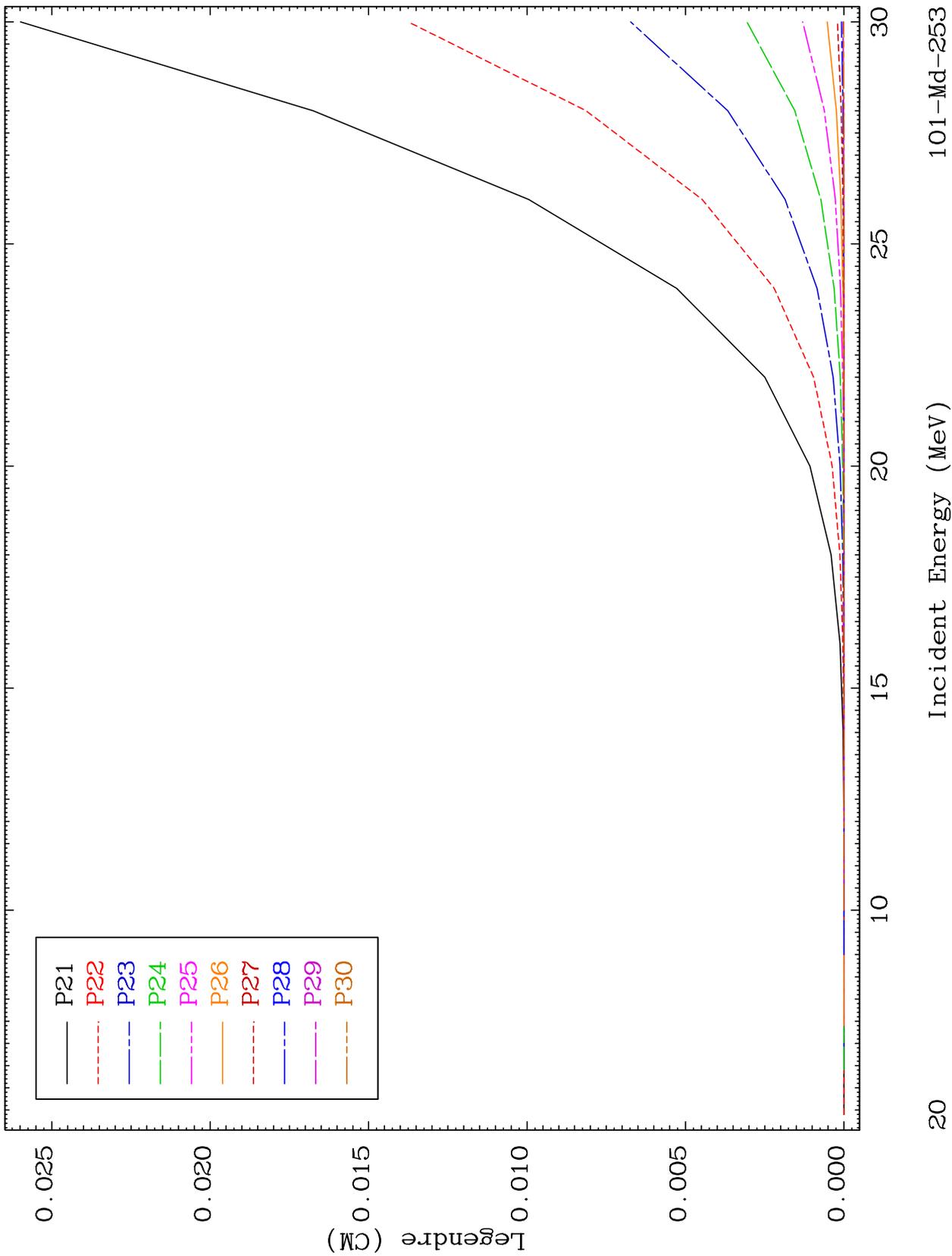
Incident Energy (MeV)

101-Md-253

MAT 9954

Elastic Legendre Coefficients

101-Md-253



20

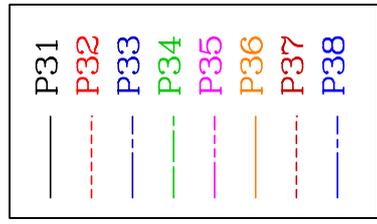
Incident Energy (MeV)

101-Md-253

MAT 9954

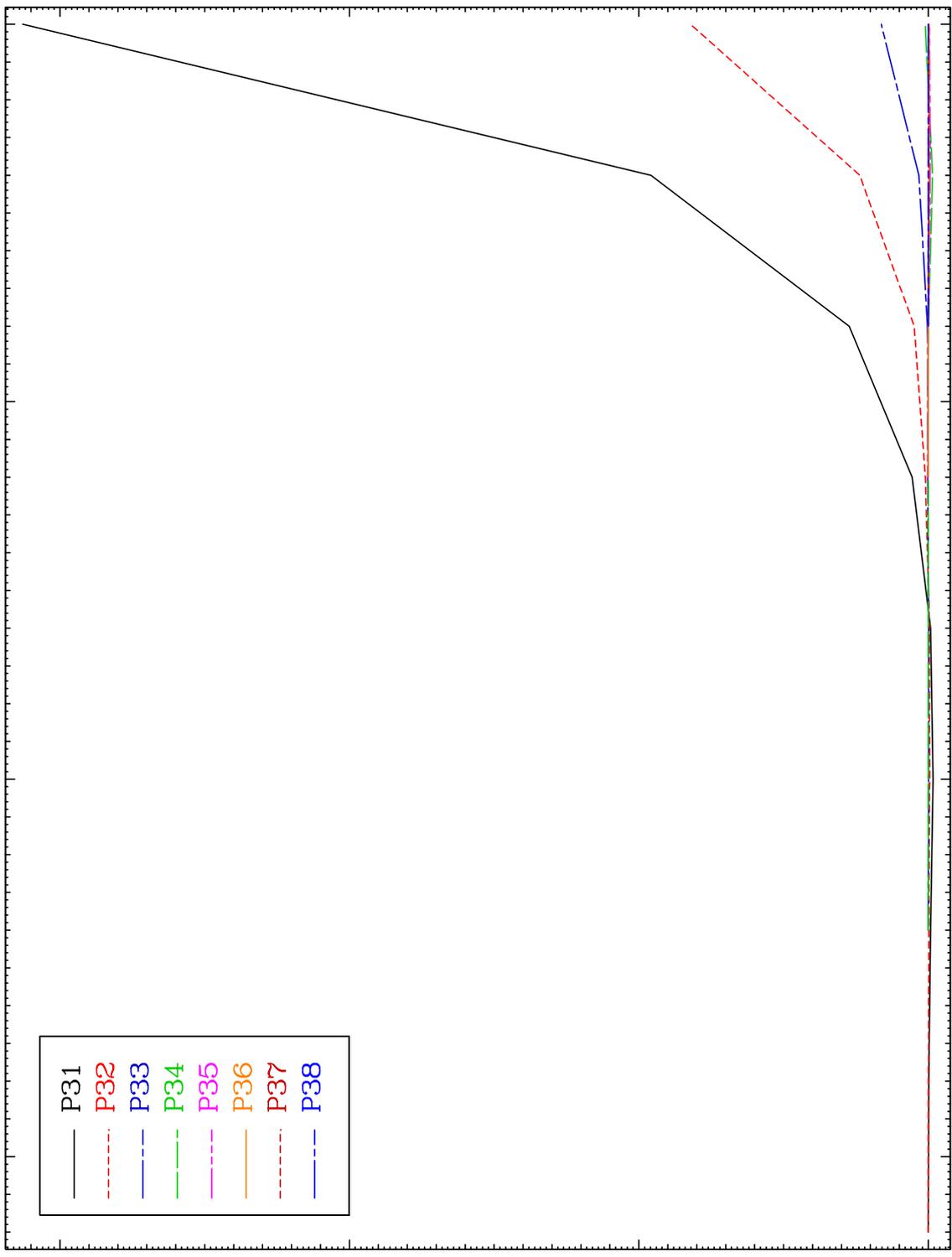
Elastic Legendre Coefficients

101-Md-253



$\times 10^{-63}$

Legendre (CM)



30

25

20

15

21

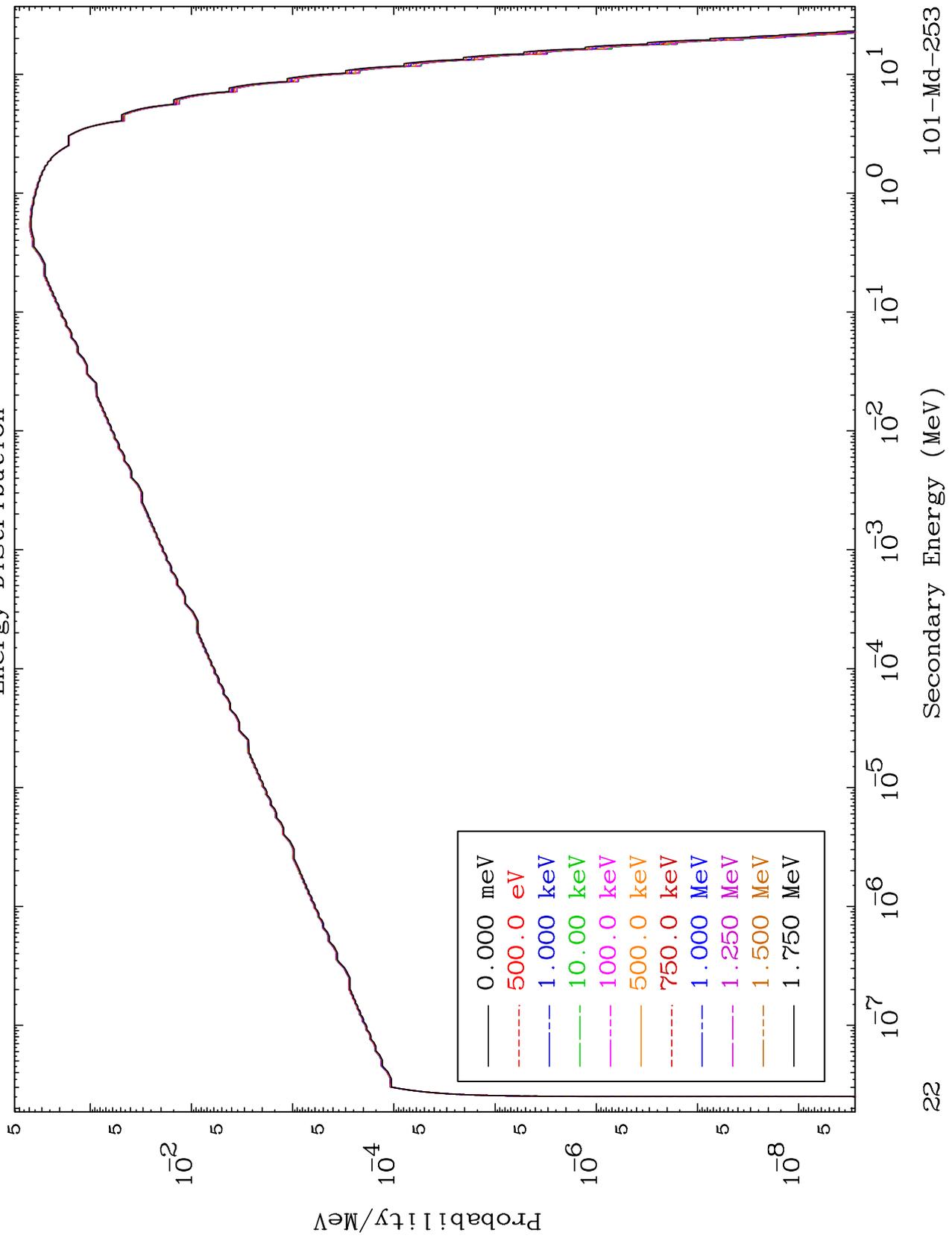
Incident Energy (MeV)

101-Md-253

MAT 9954

Fission Energy Distribution

101-Md-253

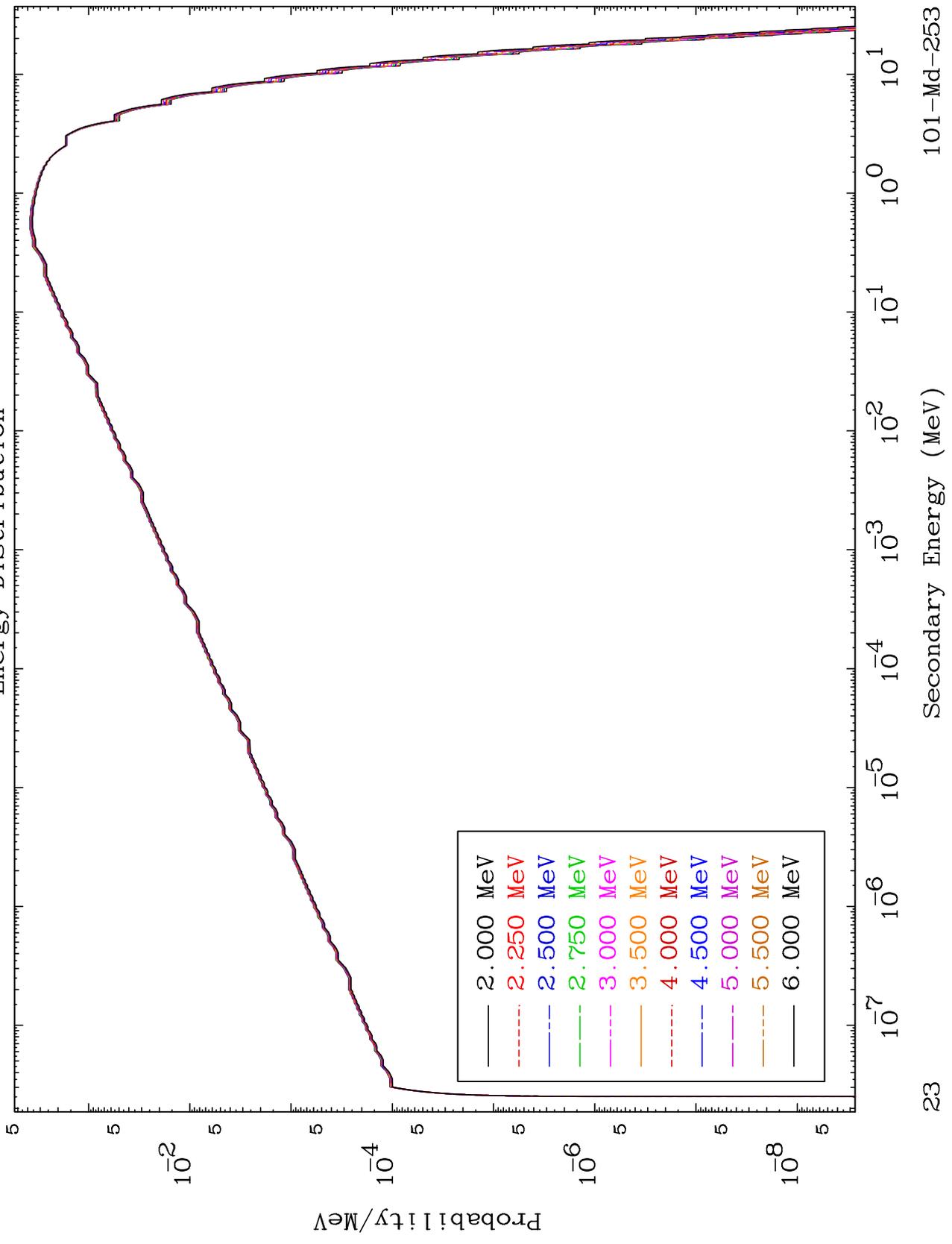


101-Md-253

MAT 9954

Fission Energy Distribution

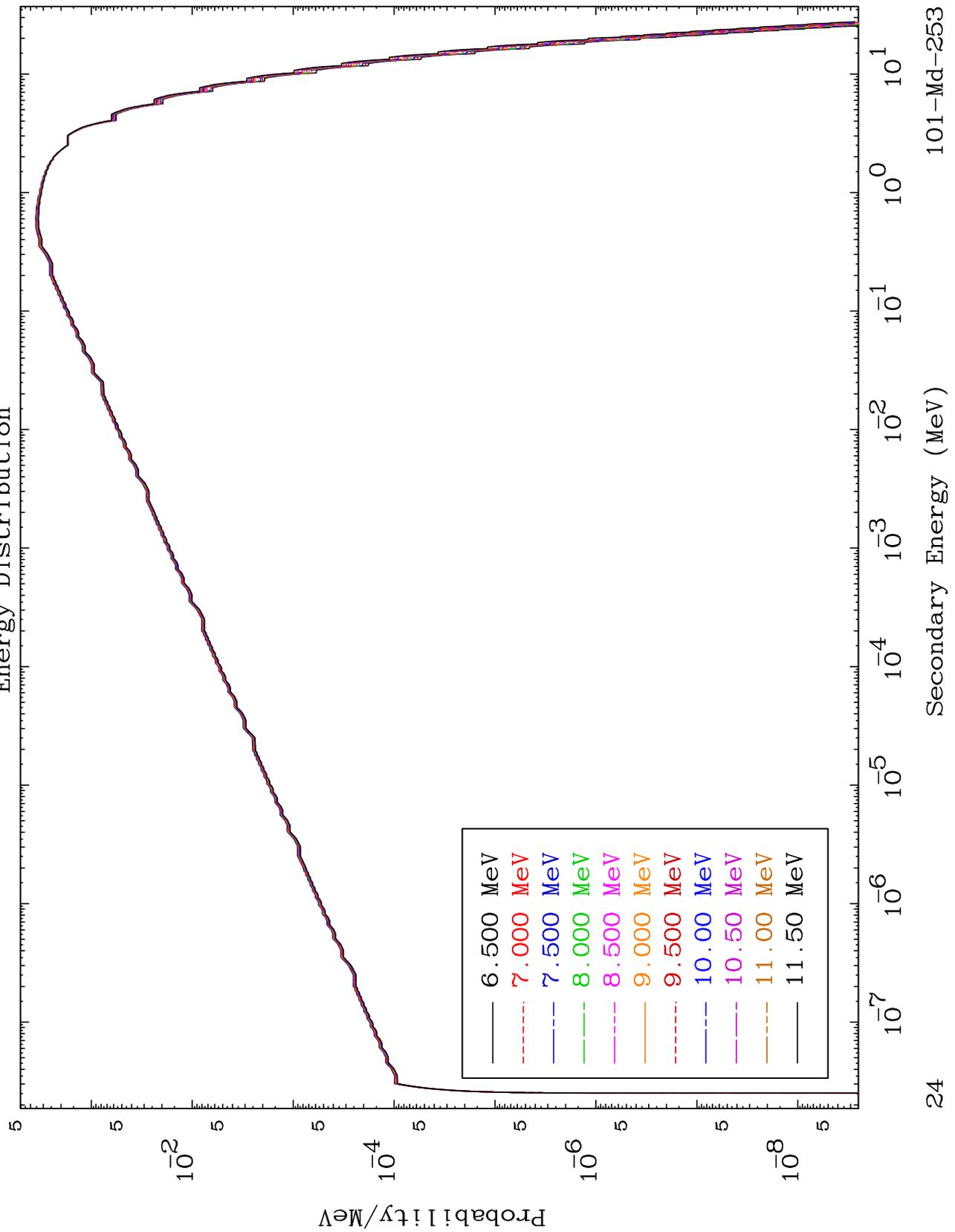
101-Md-253



MAT 9954

Fission
Energy Distribution

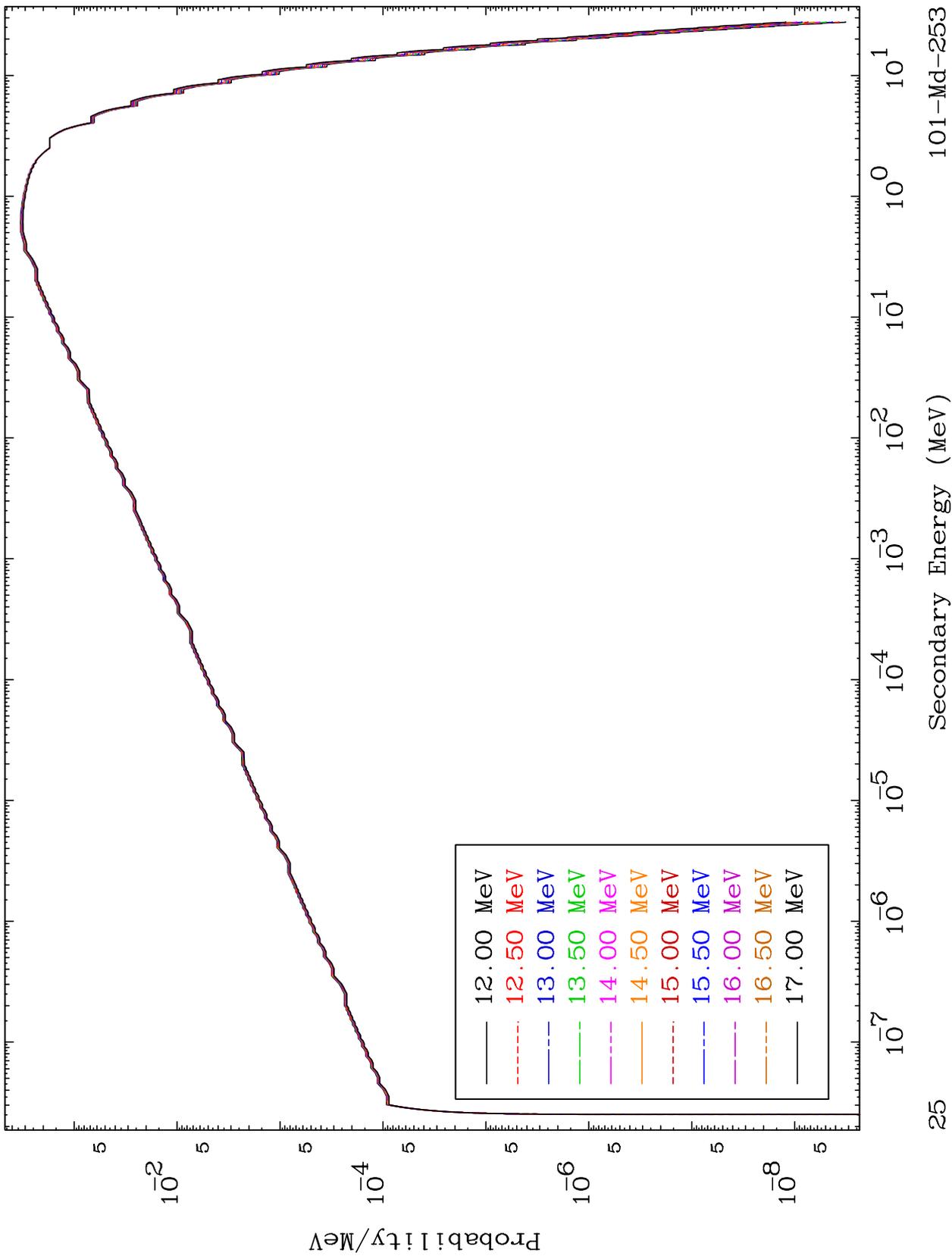
101-Md-253



MAT 9954

Fission
Energy Distribution

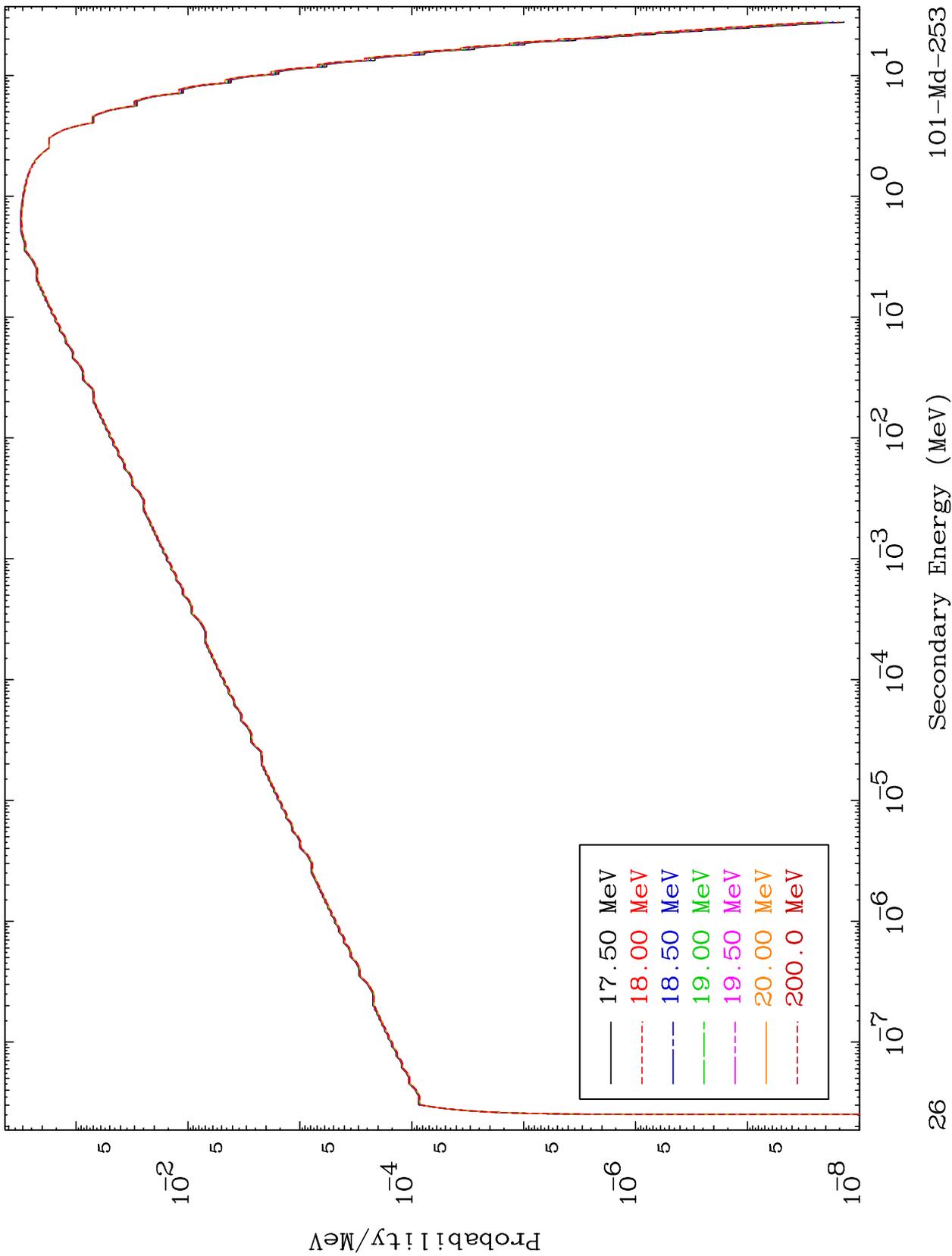
101-Md-253



101-Md-253

Secondary Energy (MeV)

Fission
Energy Distribution

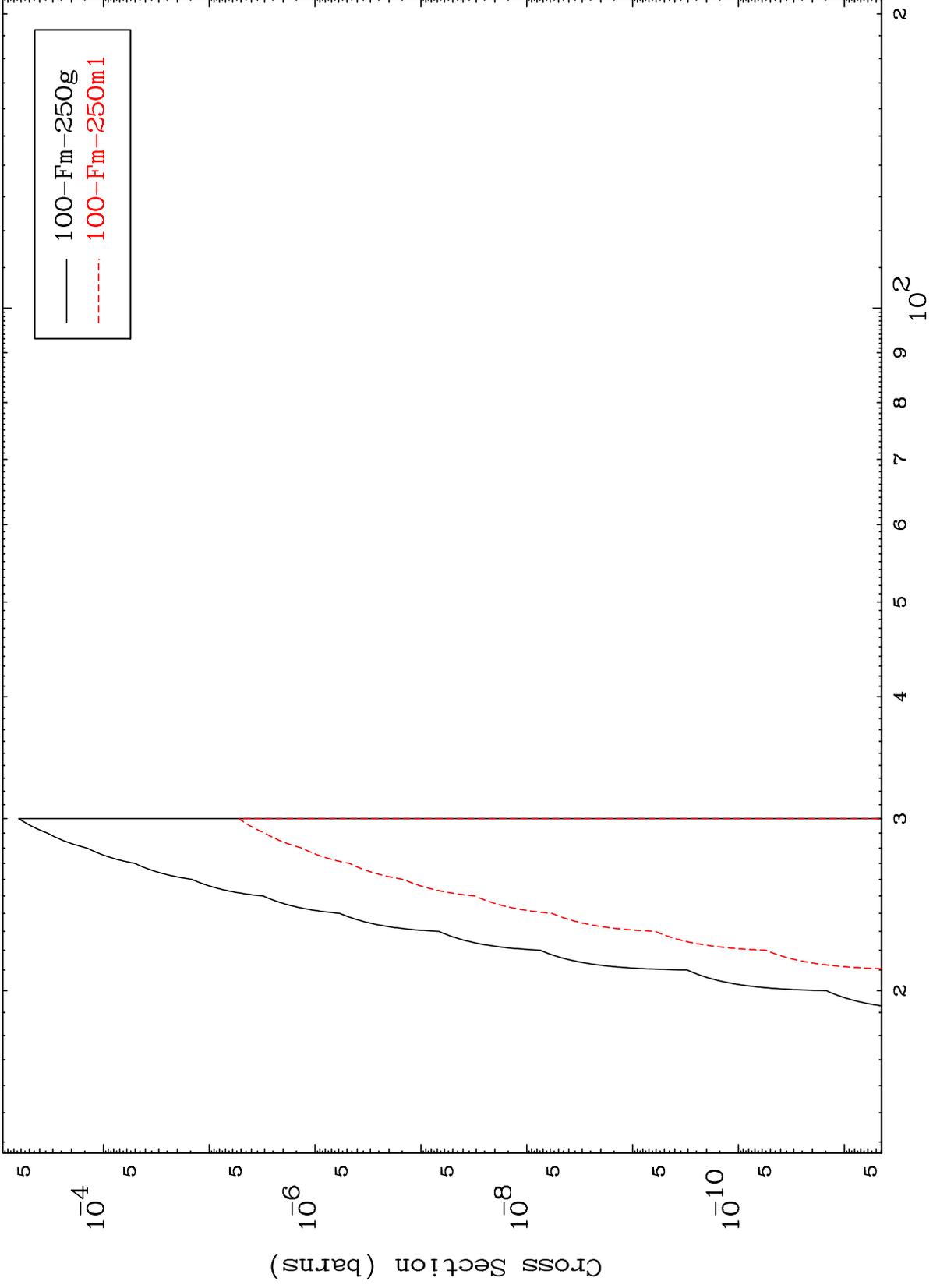


MAT 9954

(n,2n) d

101-Md-253

Radionuclide Production Cross Section



27

Incident Energy (MeV)

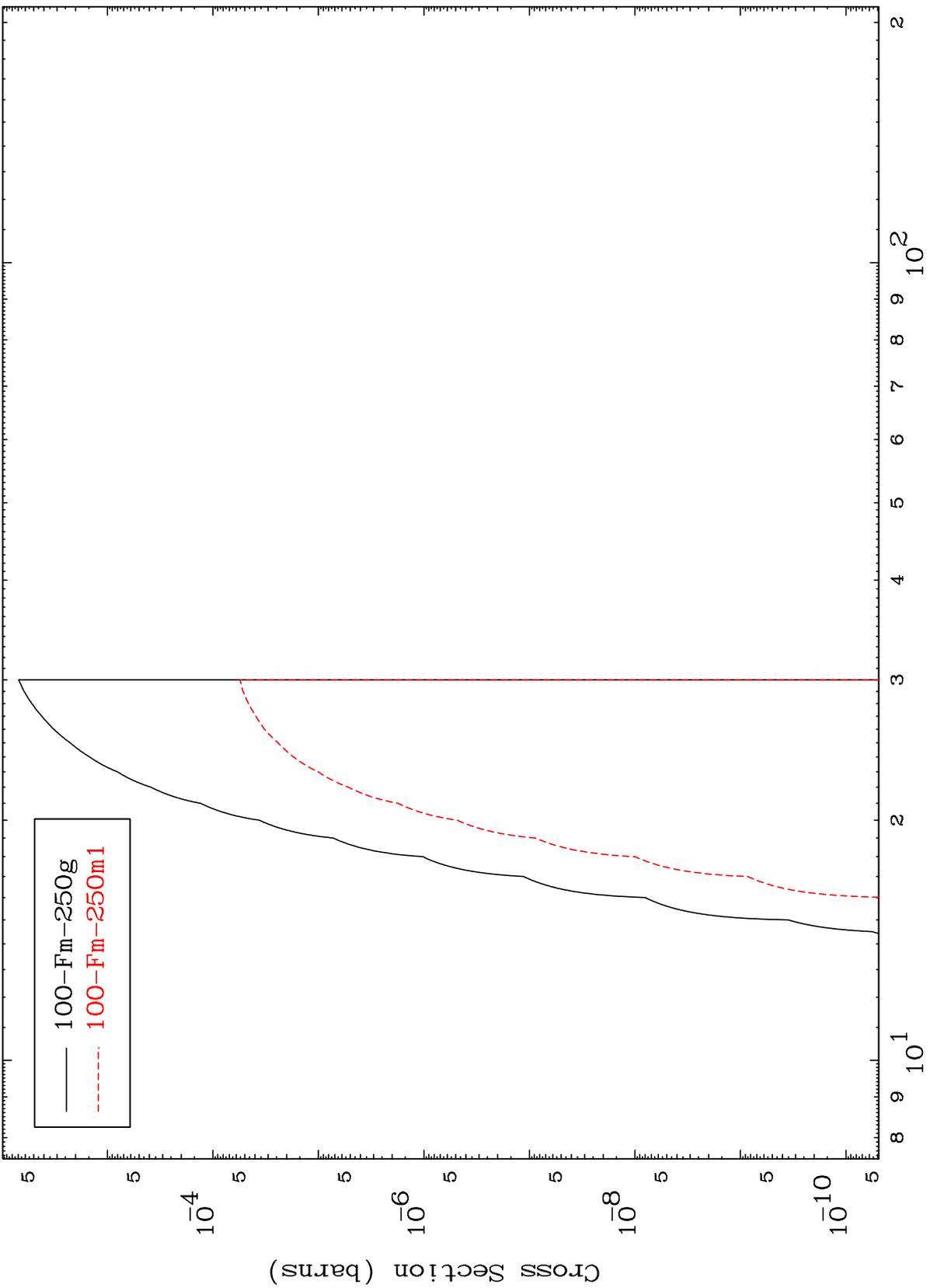
101-Md-253

MAT 9954

(n,n') t

101-Md-253

Radionuclide Production Cross Section



28

Incident Energy (MeV)

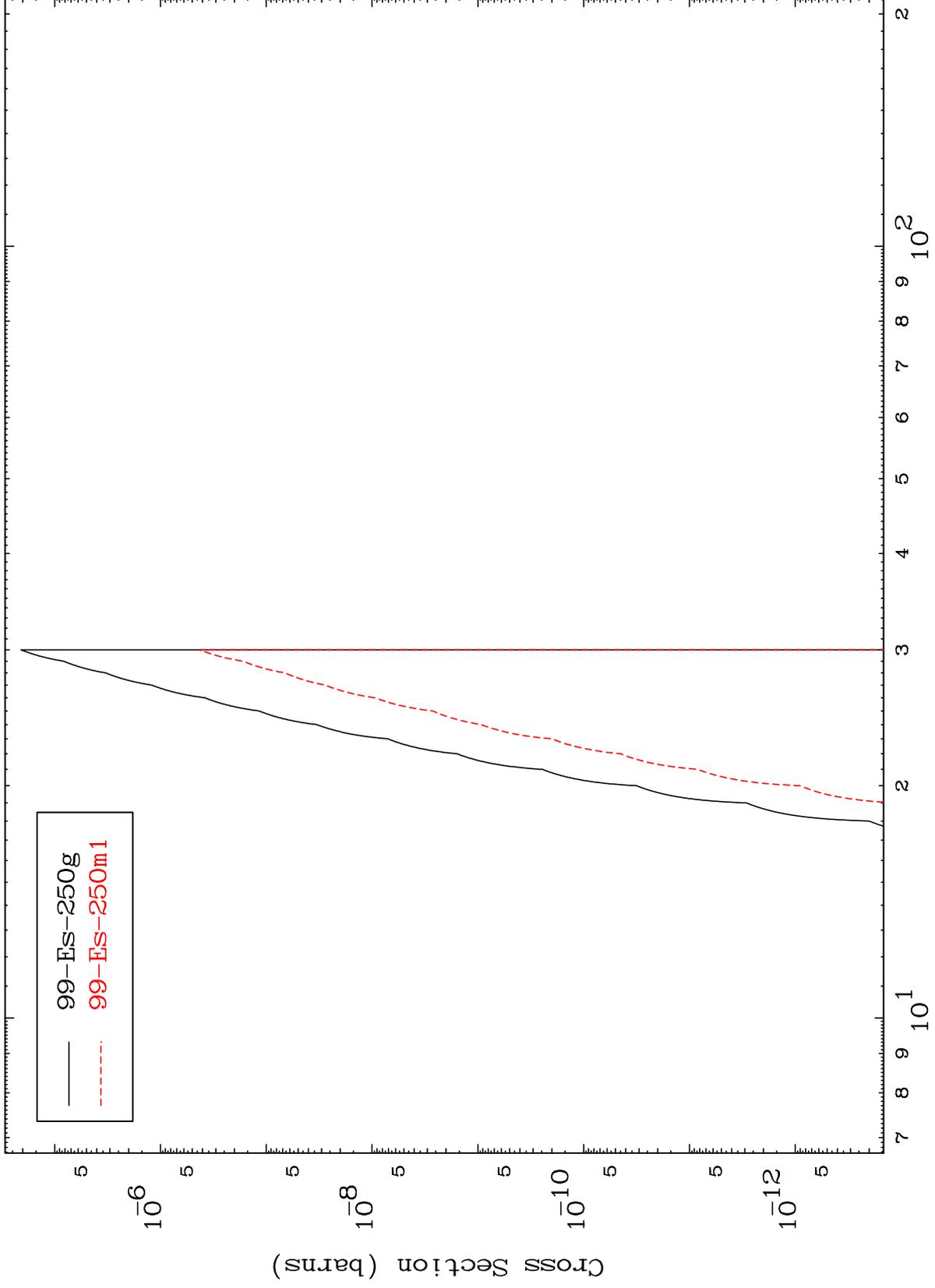
101-Md-253

MAT 9954

(n,n') He-3

101-Md-253

Radionuclide Production Cross Section



29

Incident Energy (MeV)

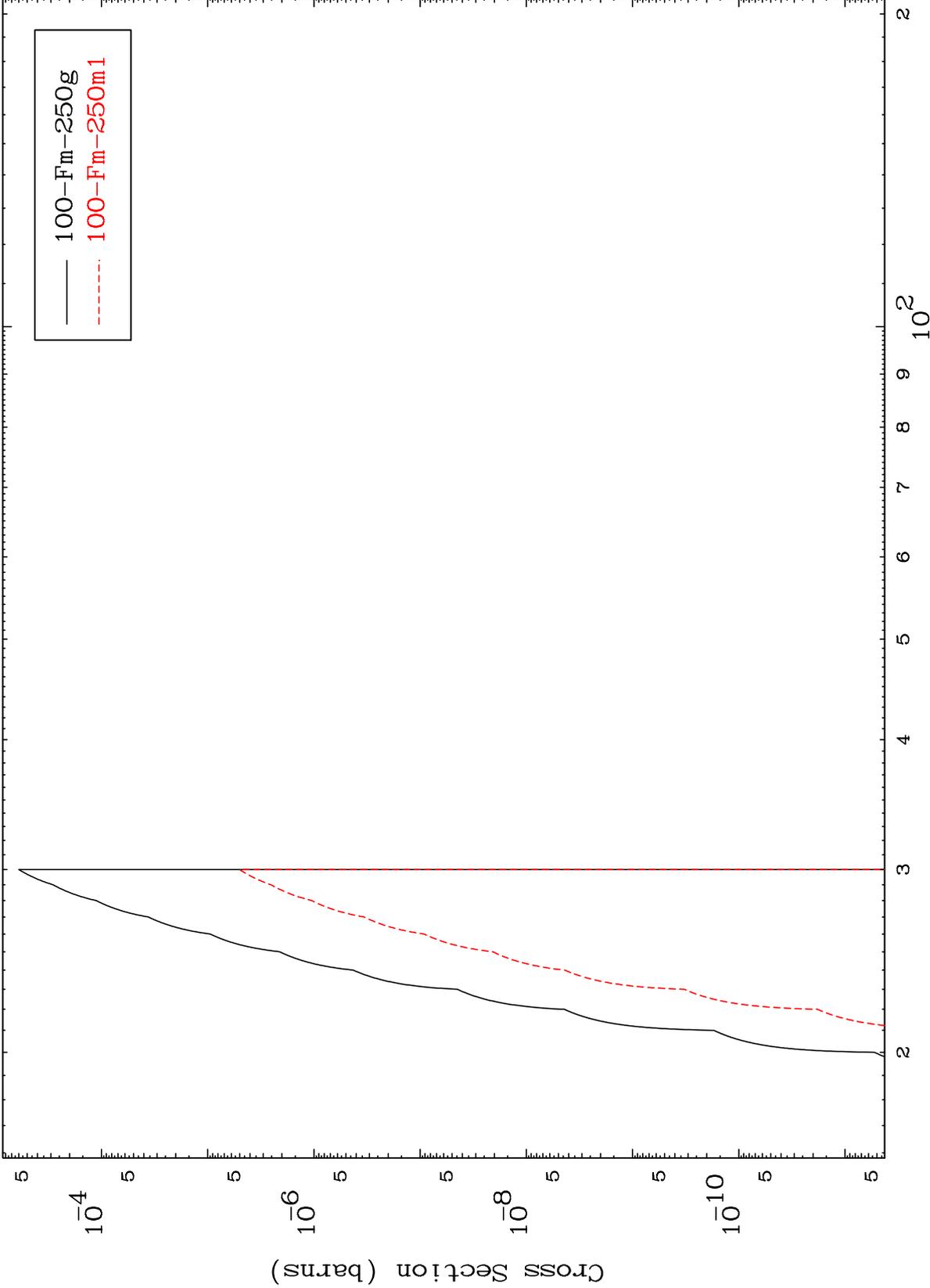
101-Md-253

MAT 9954

(n,3n) p

101-Md-253

Radionuclide Production Cross Section



30

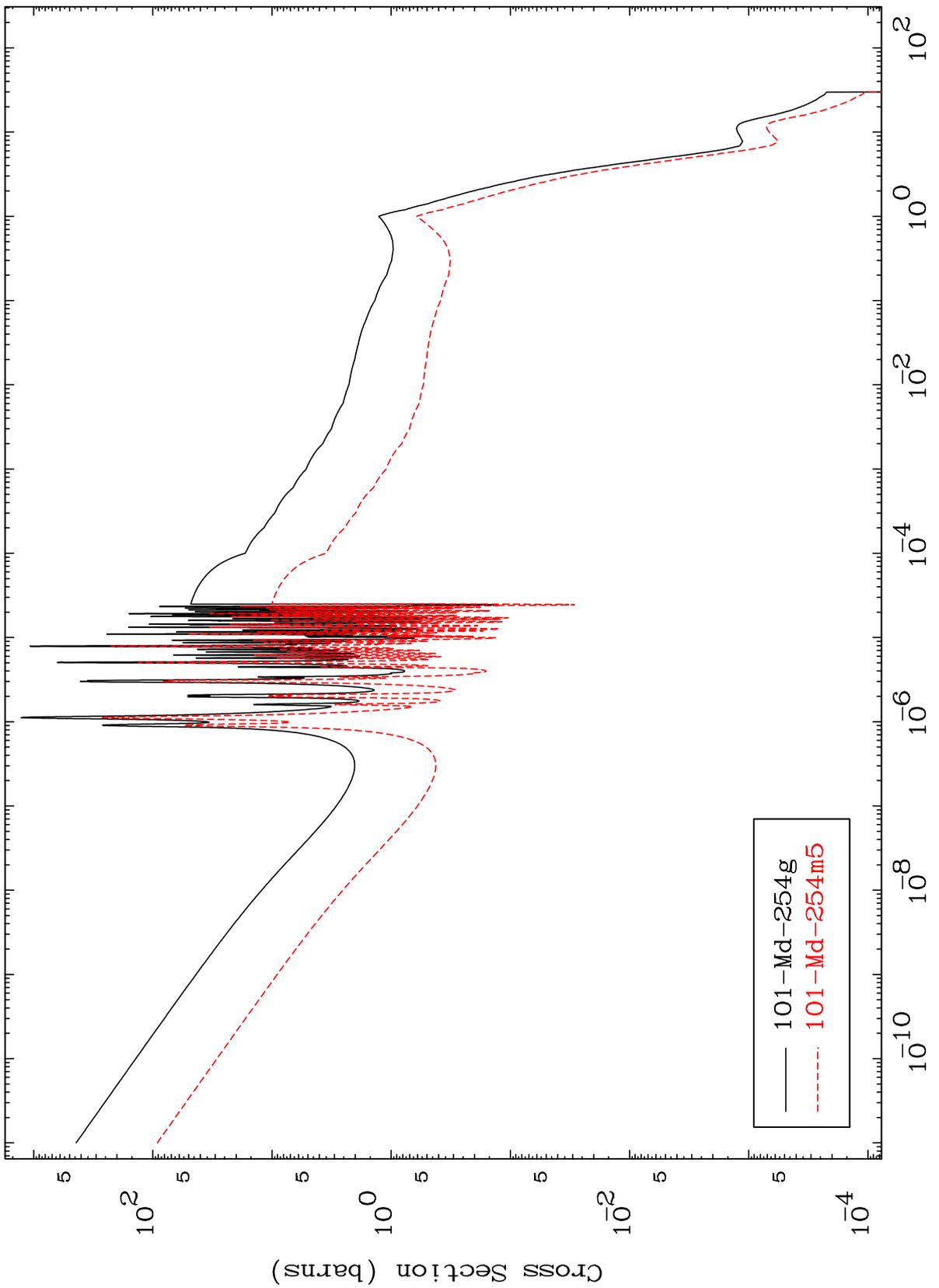
Incident Energy (MeV)

101-Md-253

MAT 9954

101-Md-253

Radionuclide Production Cross Section
(n, γ)

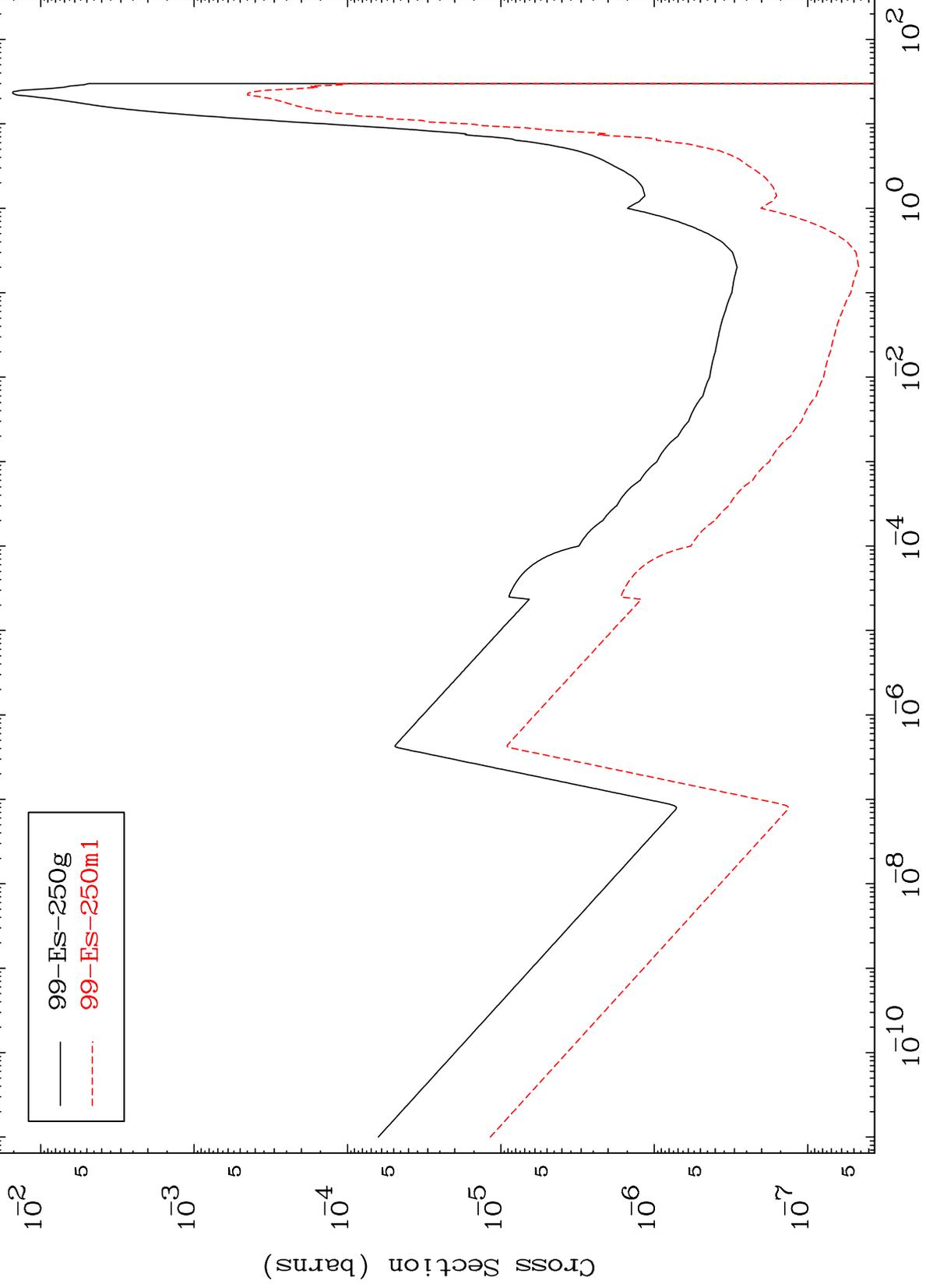


MAT 9954

(n, α)

101-Md-253

Radionuclide Production Cross Section

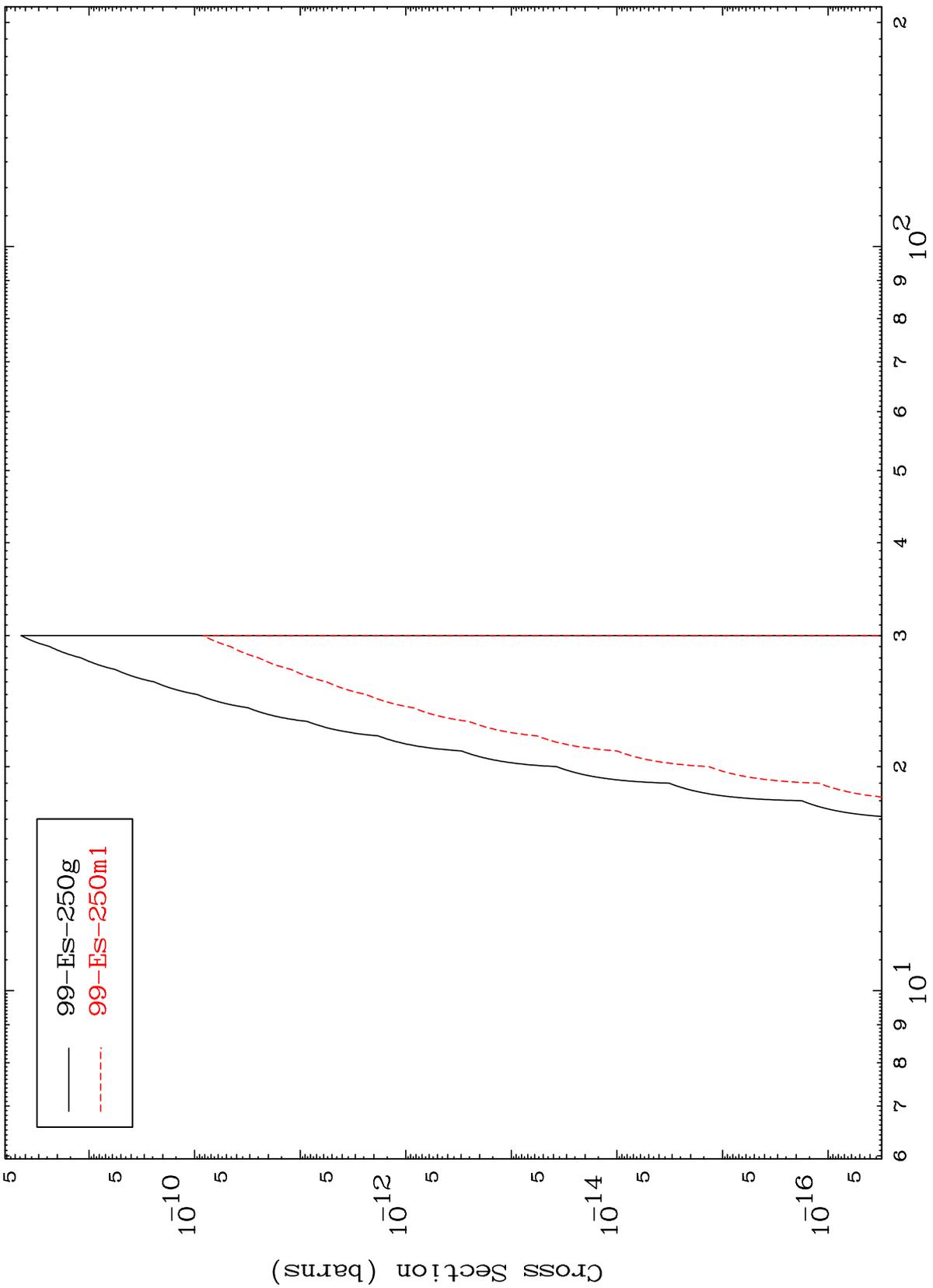


MAT 9954

(n,p) t

101-Md-253

Radionuclide Production Cross Section



33

Incident Energy (MeV)

101-Md-253