

Program EVALPLOT
(Version 2018-1)

by

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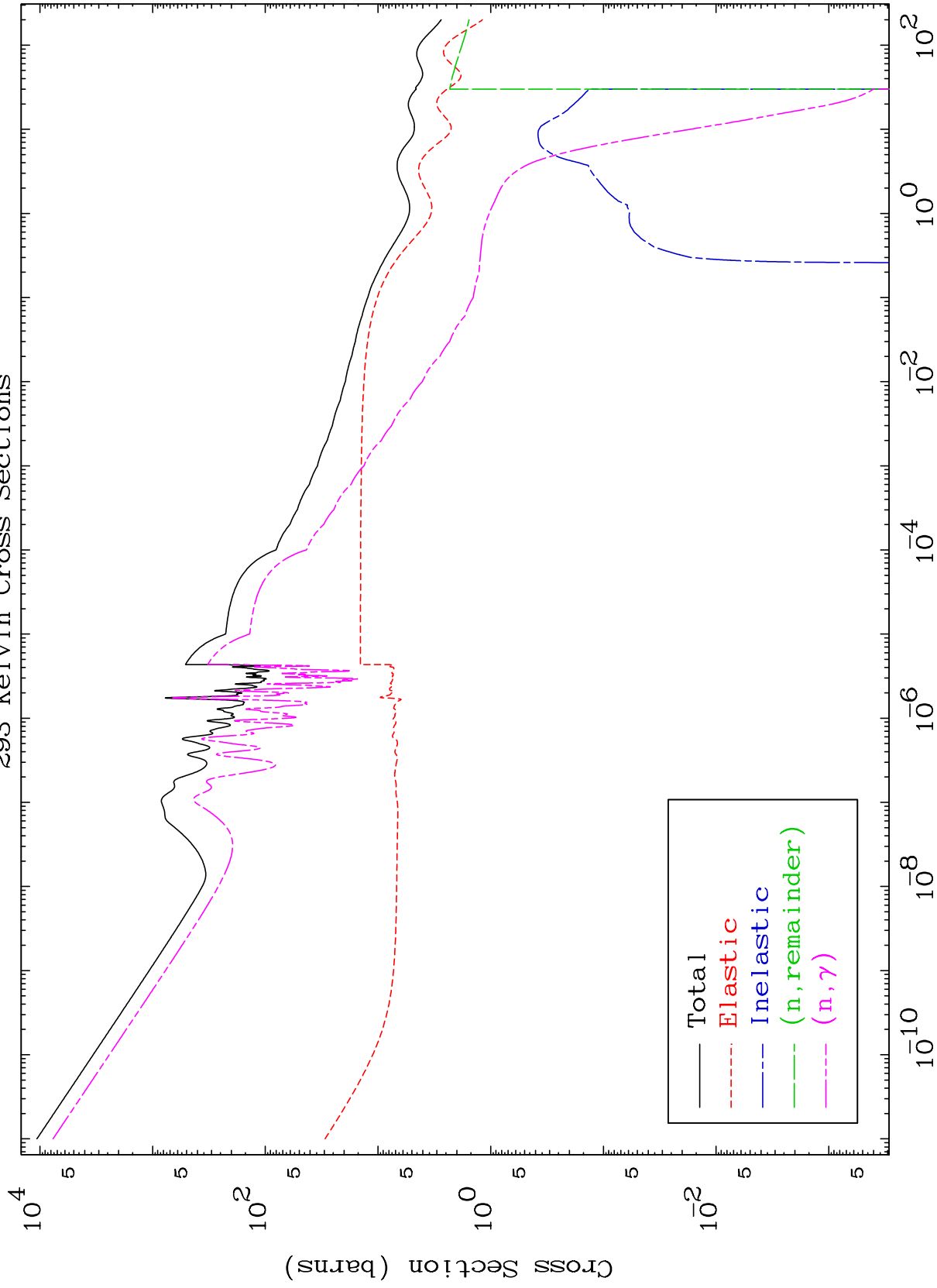
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8059

Major
293 Kelvin Cross Sections

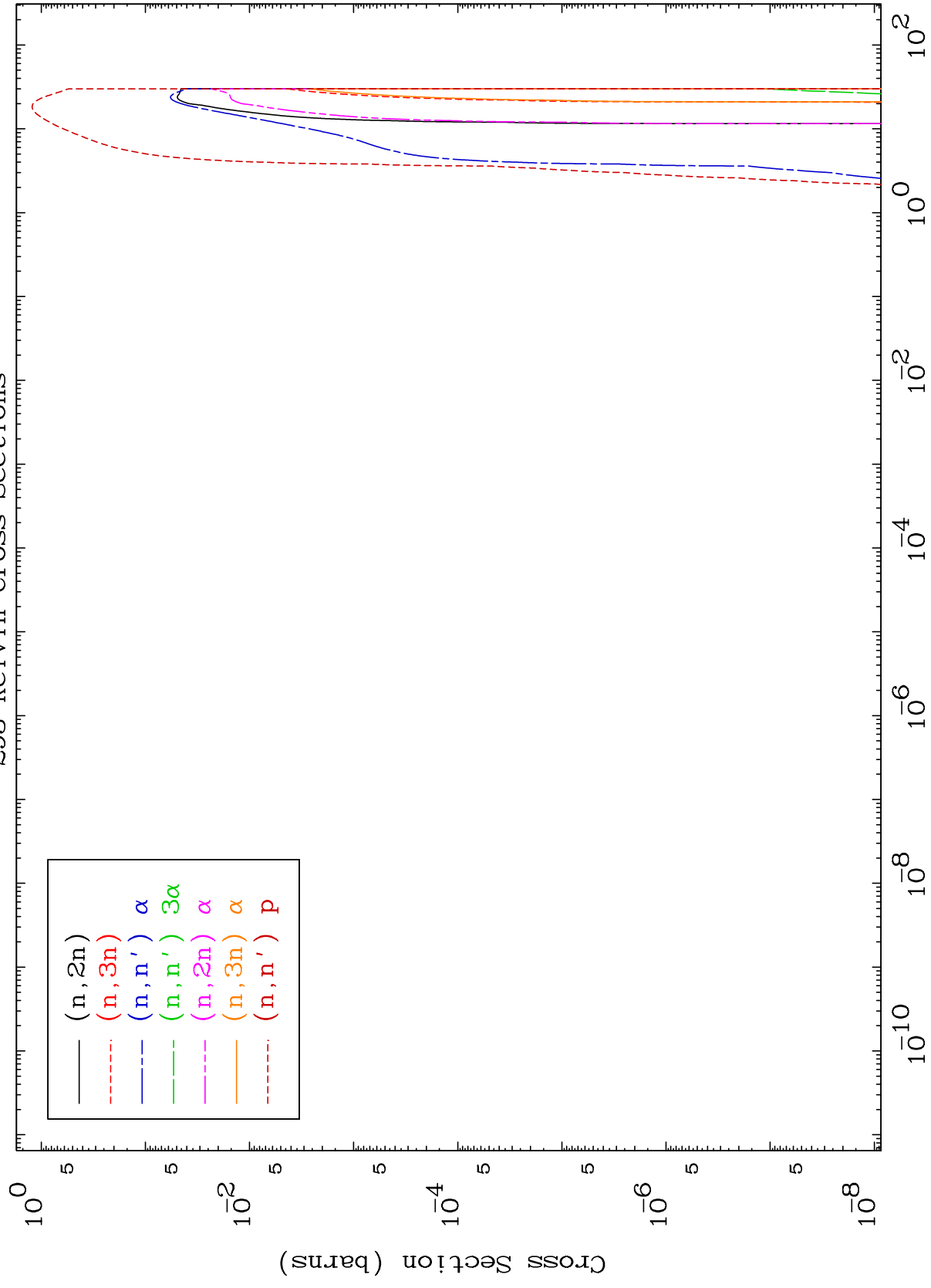
81-Tl-181



MAT 8059

Neutron Production
293 Kelvin Cross Sections

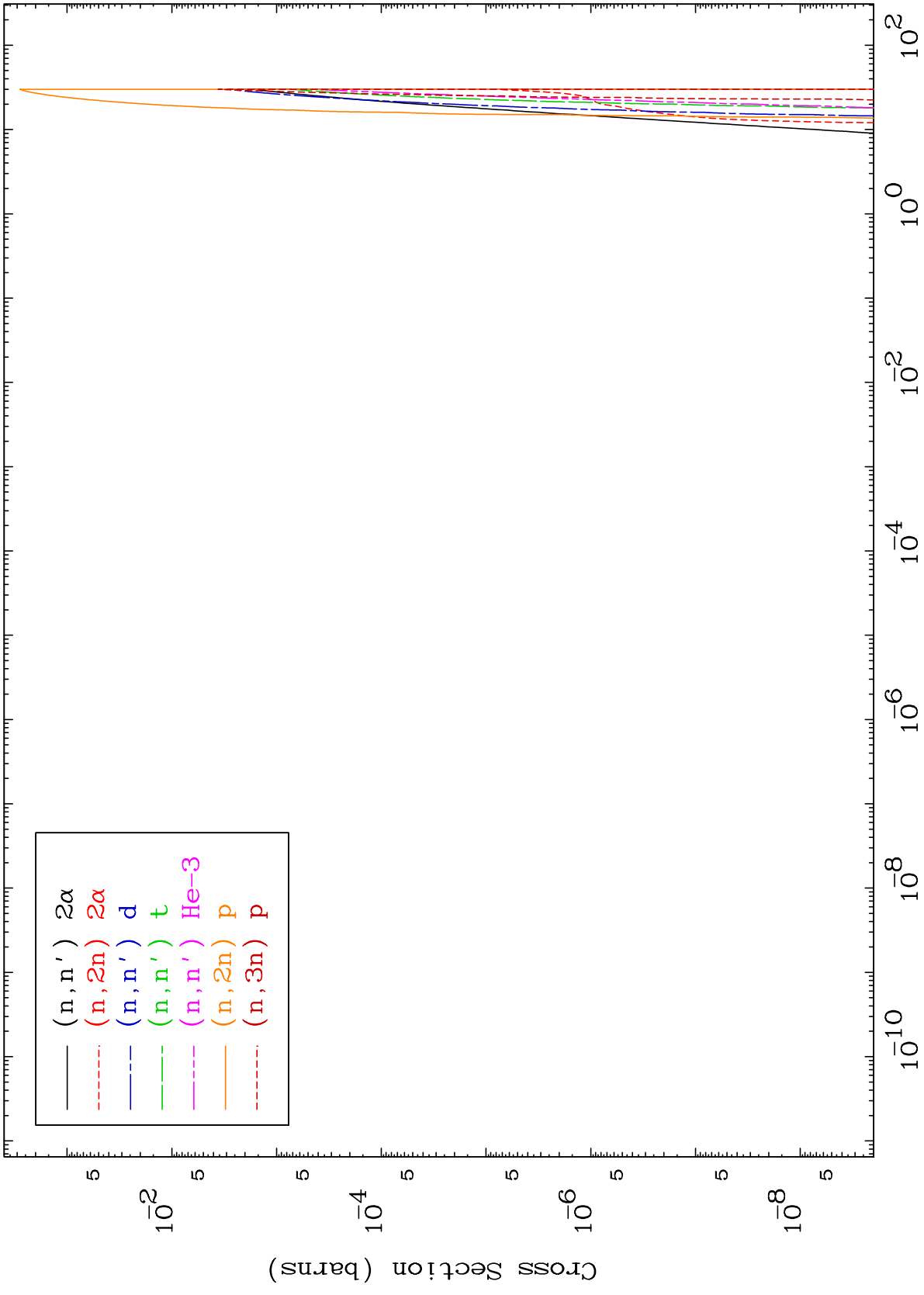
81-Tl-181



MAT 8059

Neutron Production
293 Kelvin Cross Sections

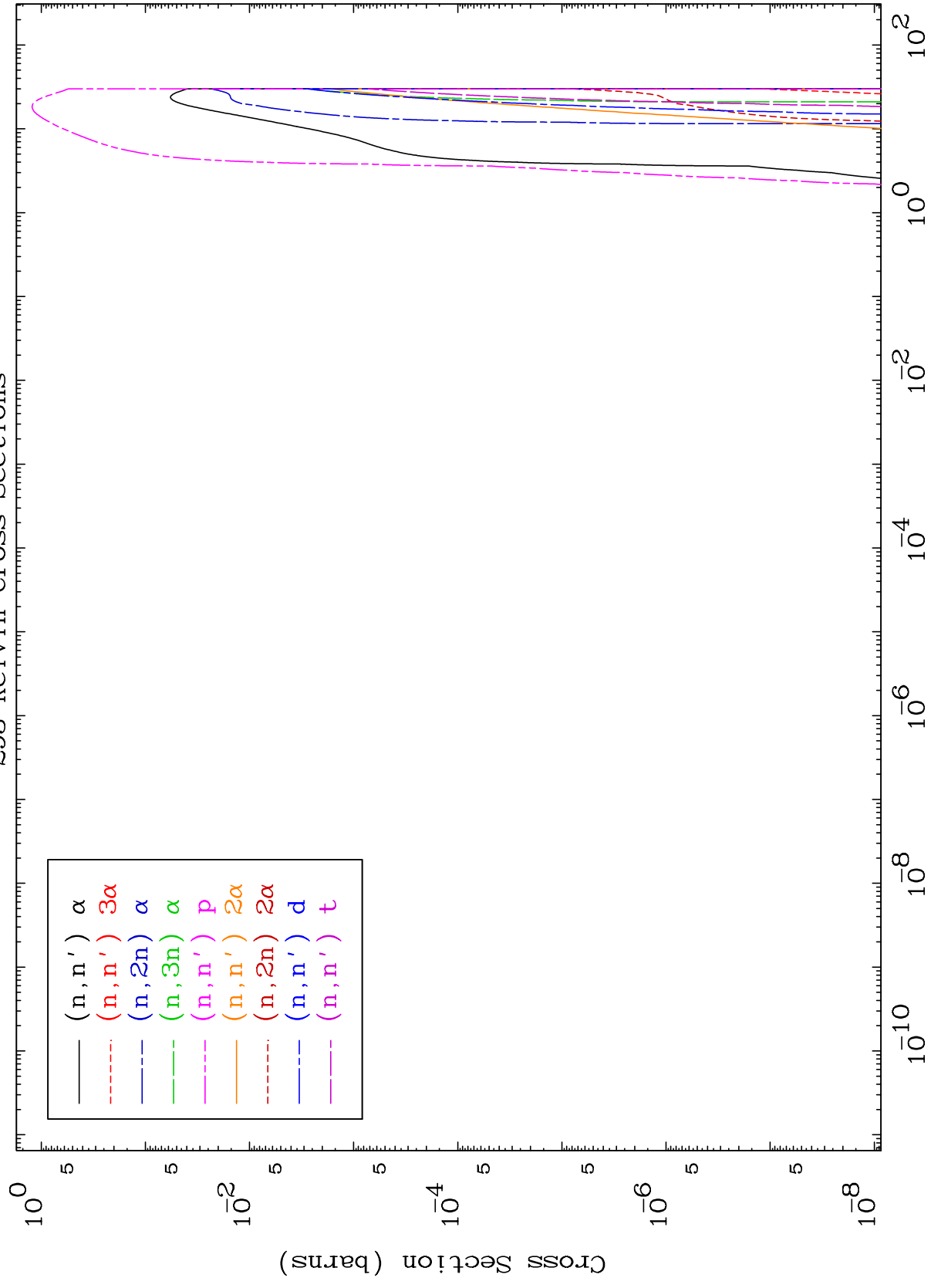
81-Tl-181



MAT 8059

293 Kelvin Cross Sections

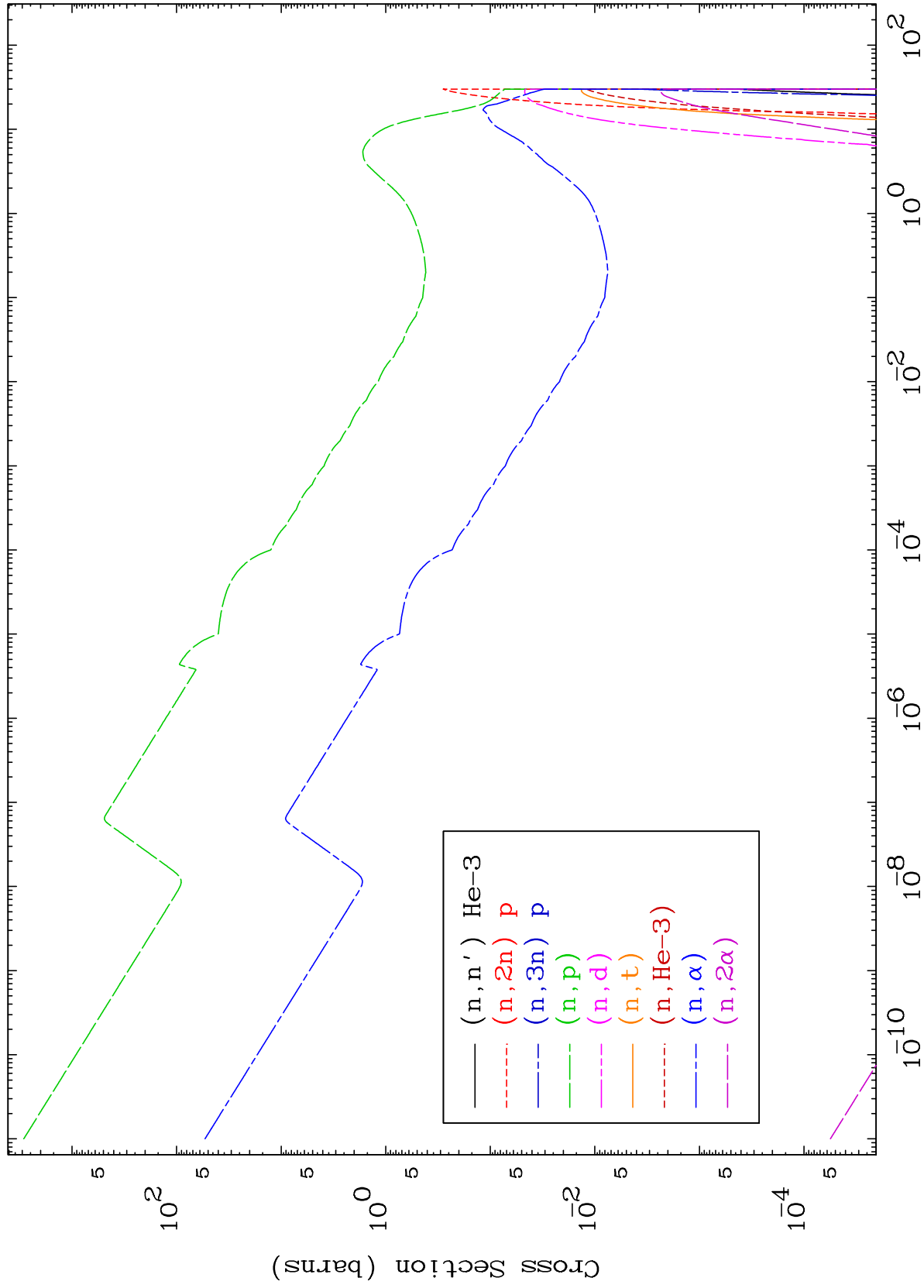
81-Tl-181



MAT 8059

293 Kelvin Cross Sections

81-Tl-181



5

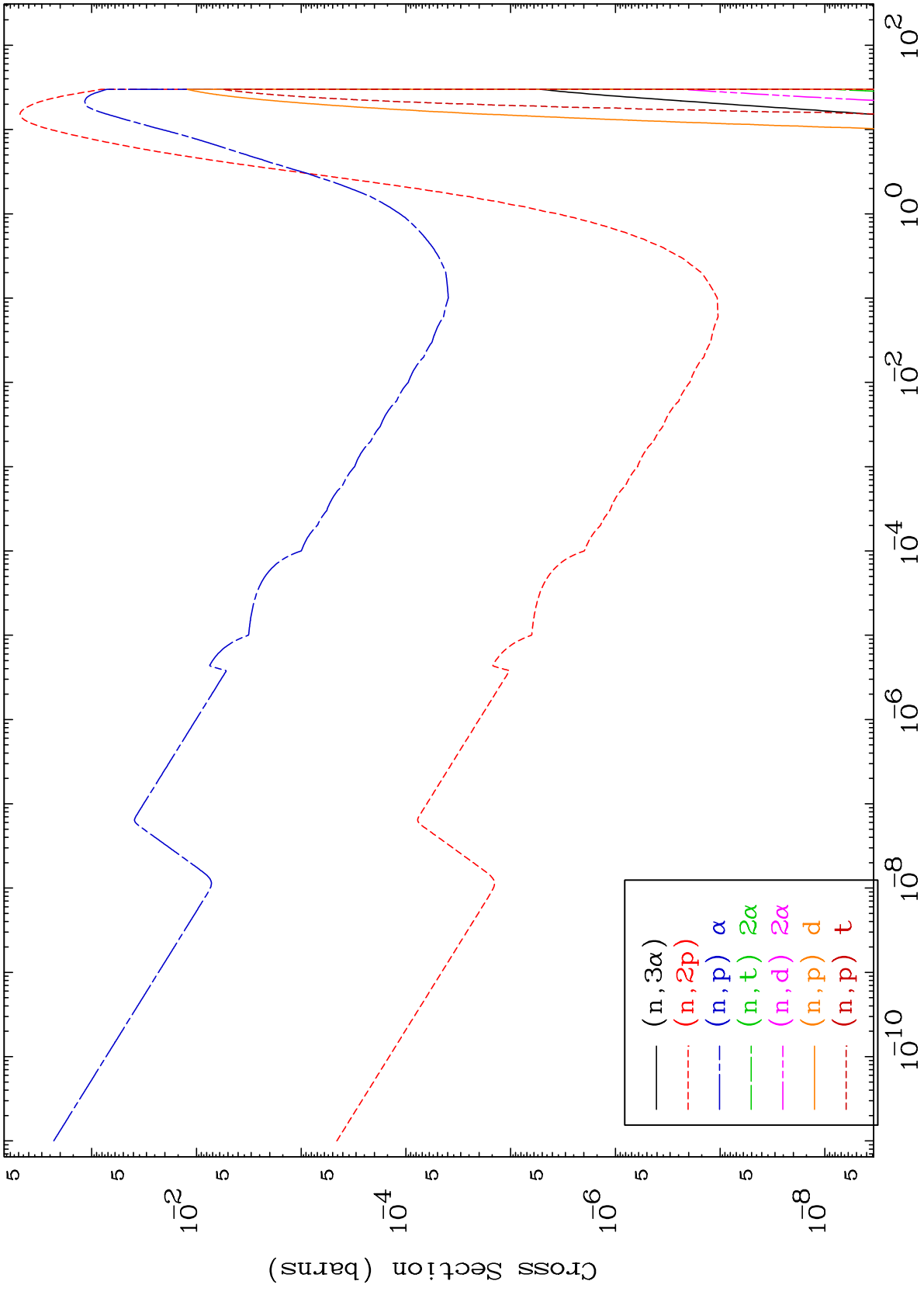
Incident Energy (MeV)

81-Tl-181

MAT 8059

293 Kelvin Cross Sections

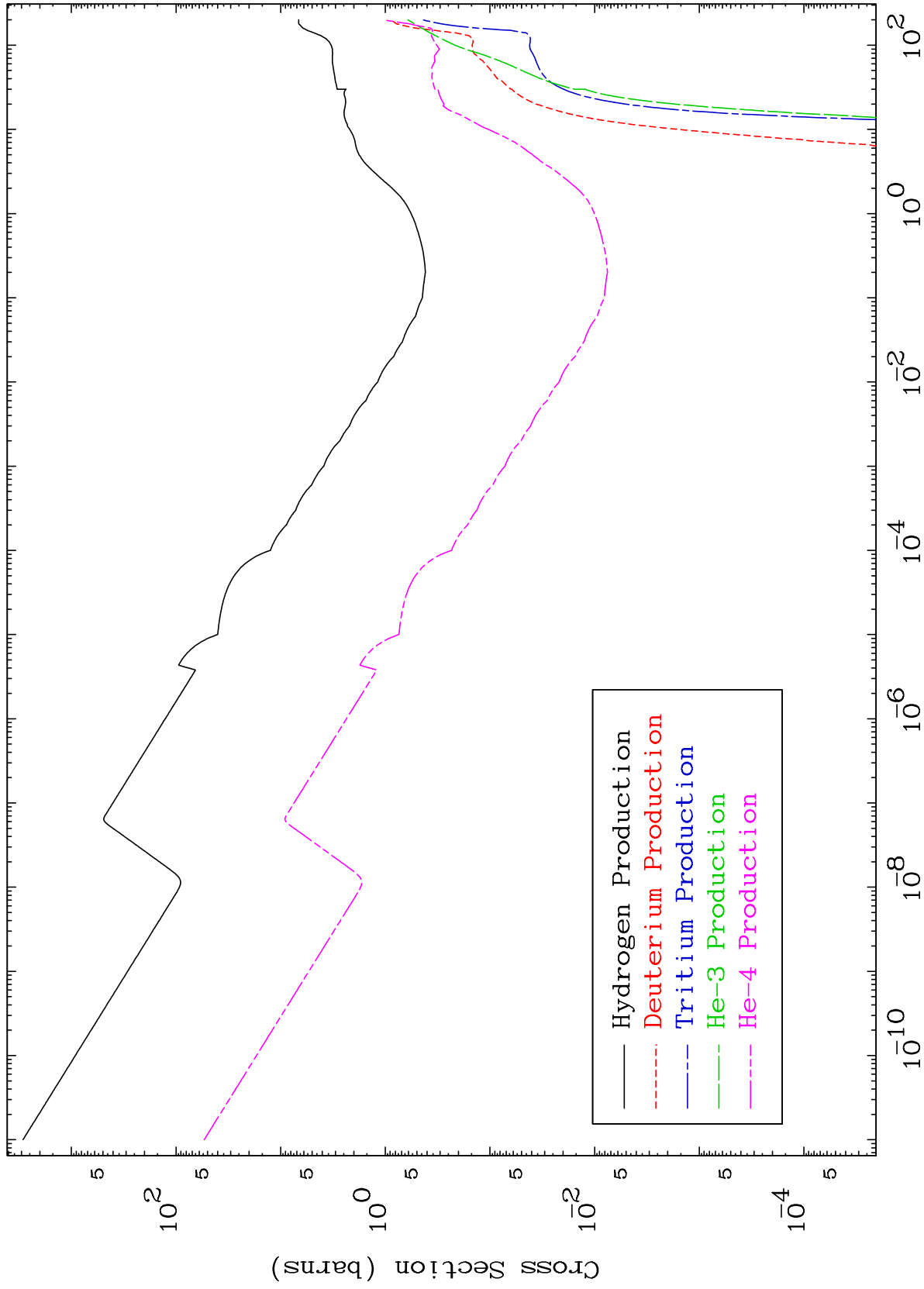
81-Tl-181



MAT 8059

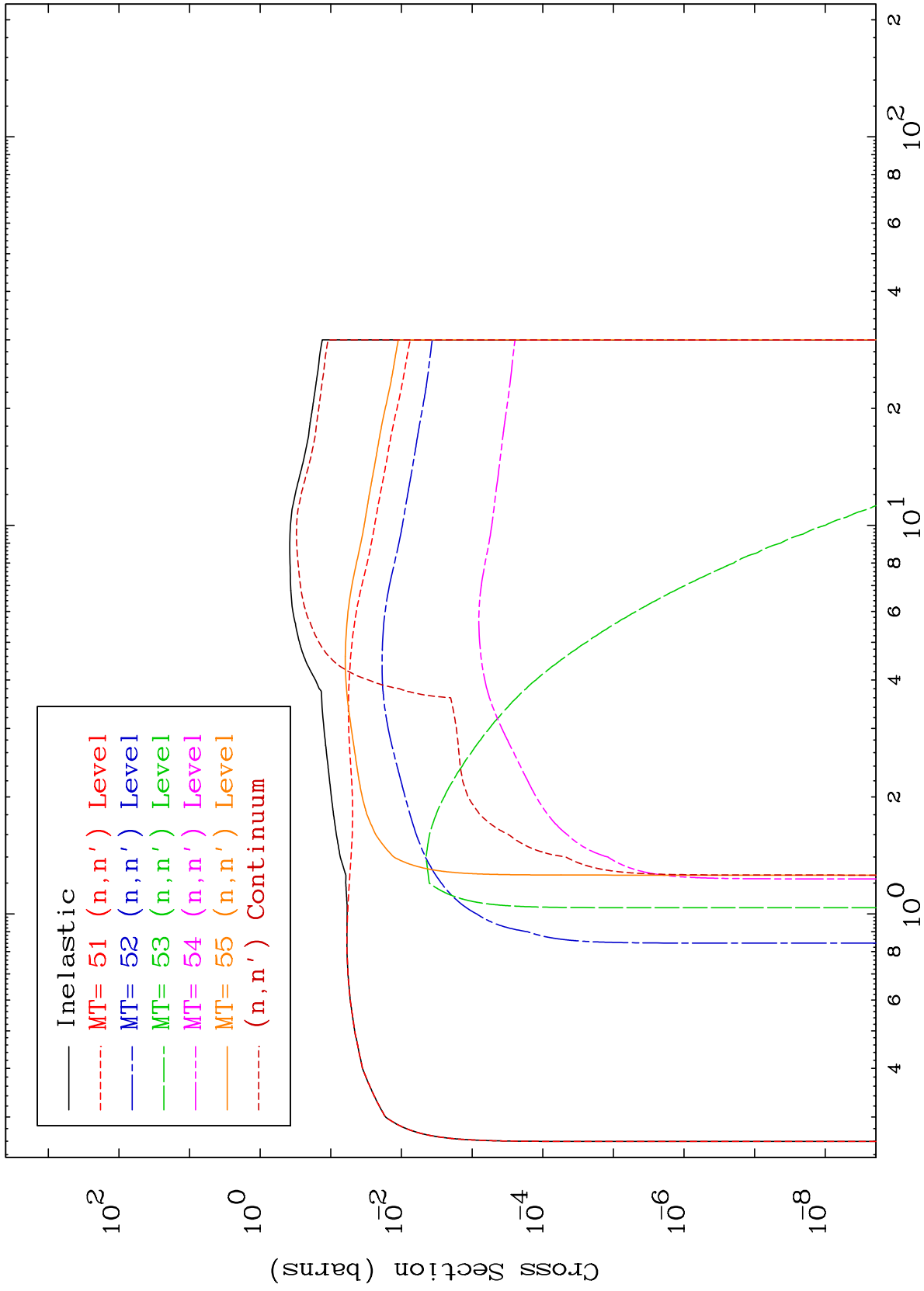
Particle Production
293 Kelvin Cross Sections

81-Tl-181



7

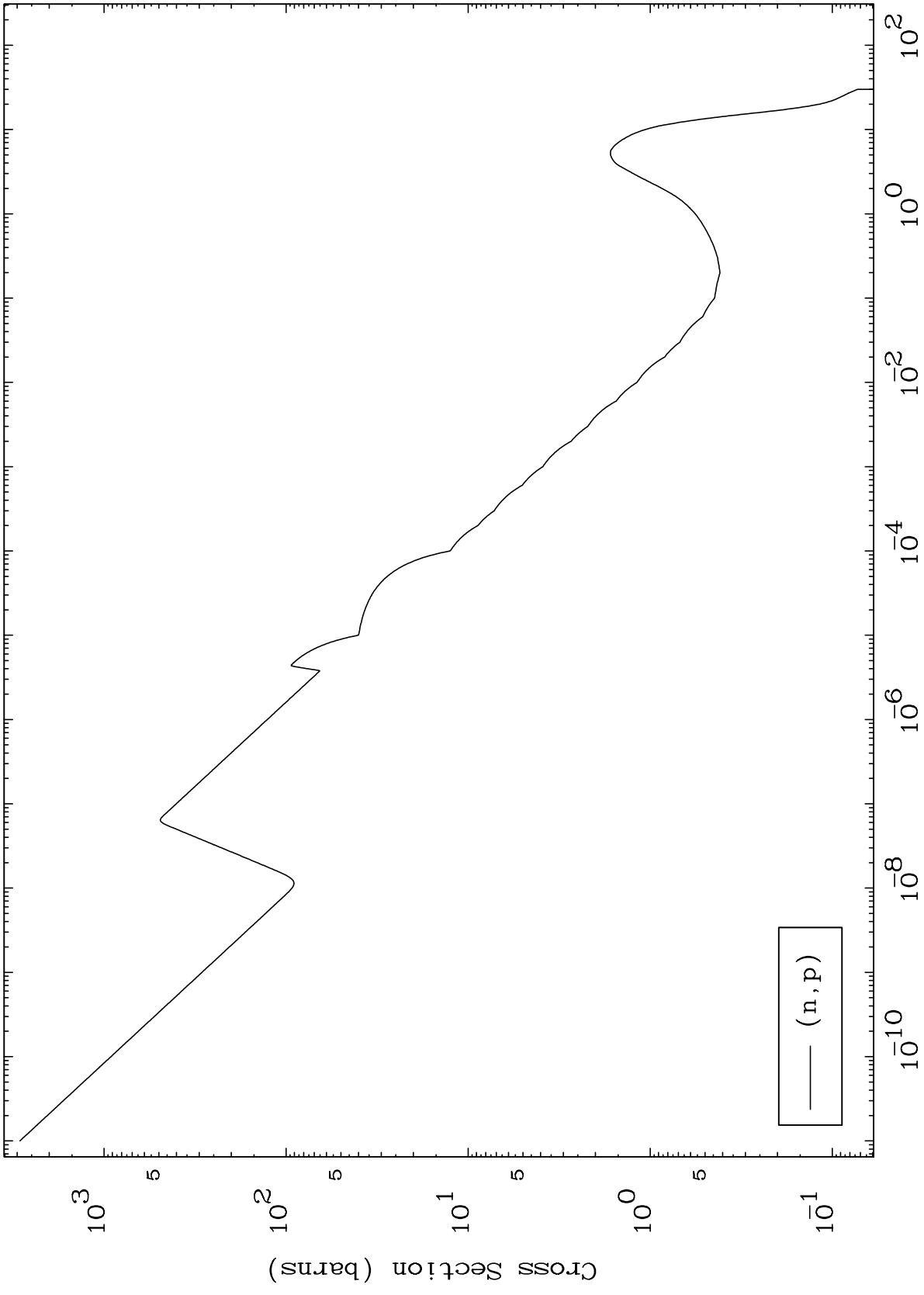
81-Tl-181



MAT 8059

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-181

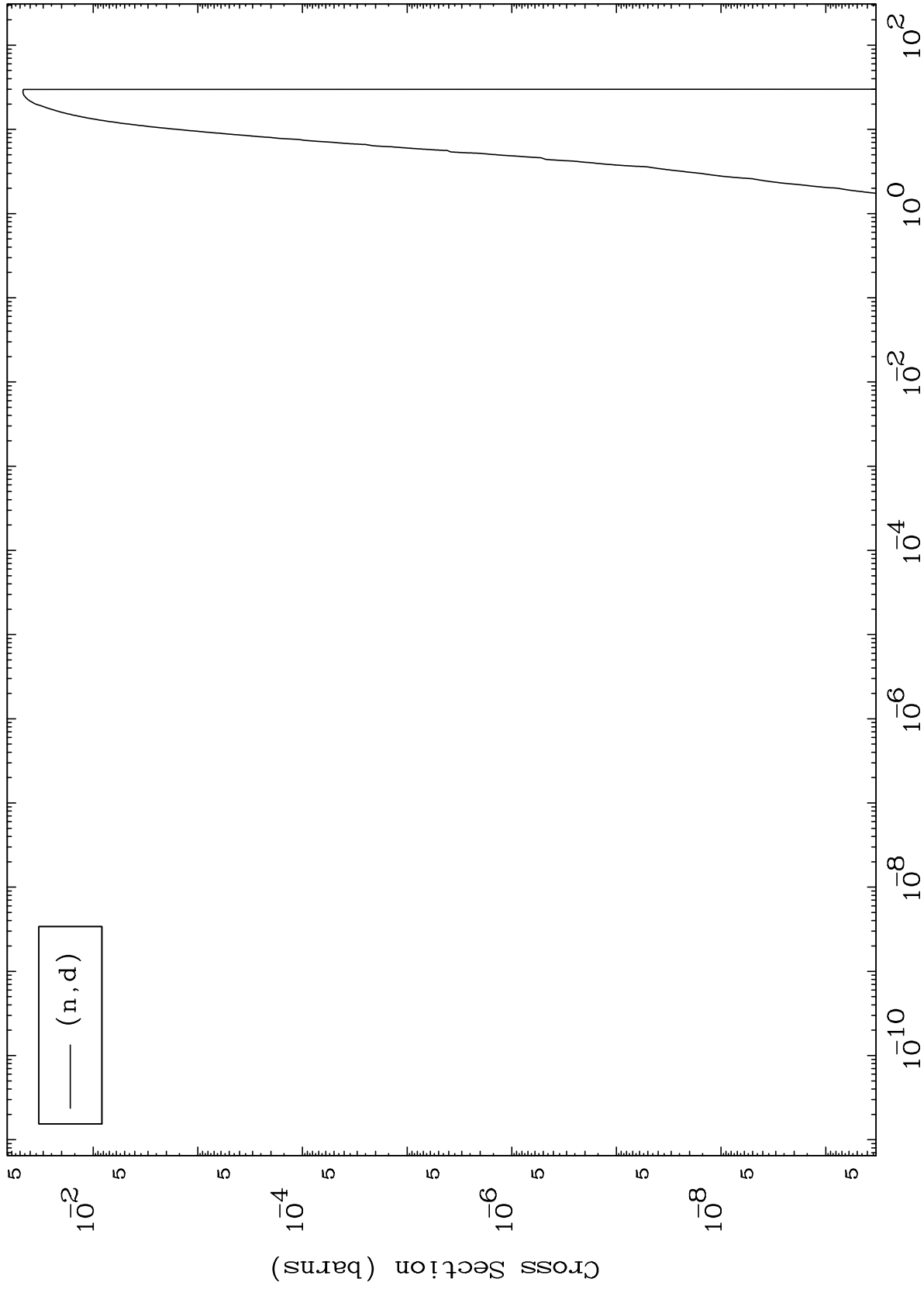


— (n, p)

MAT 8059

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-181



10

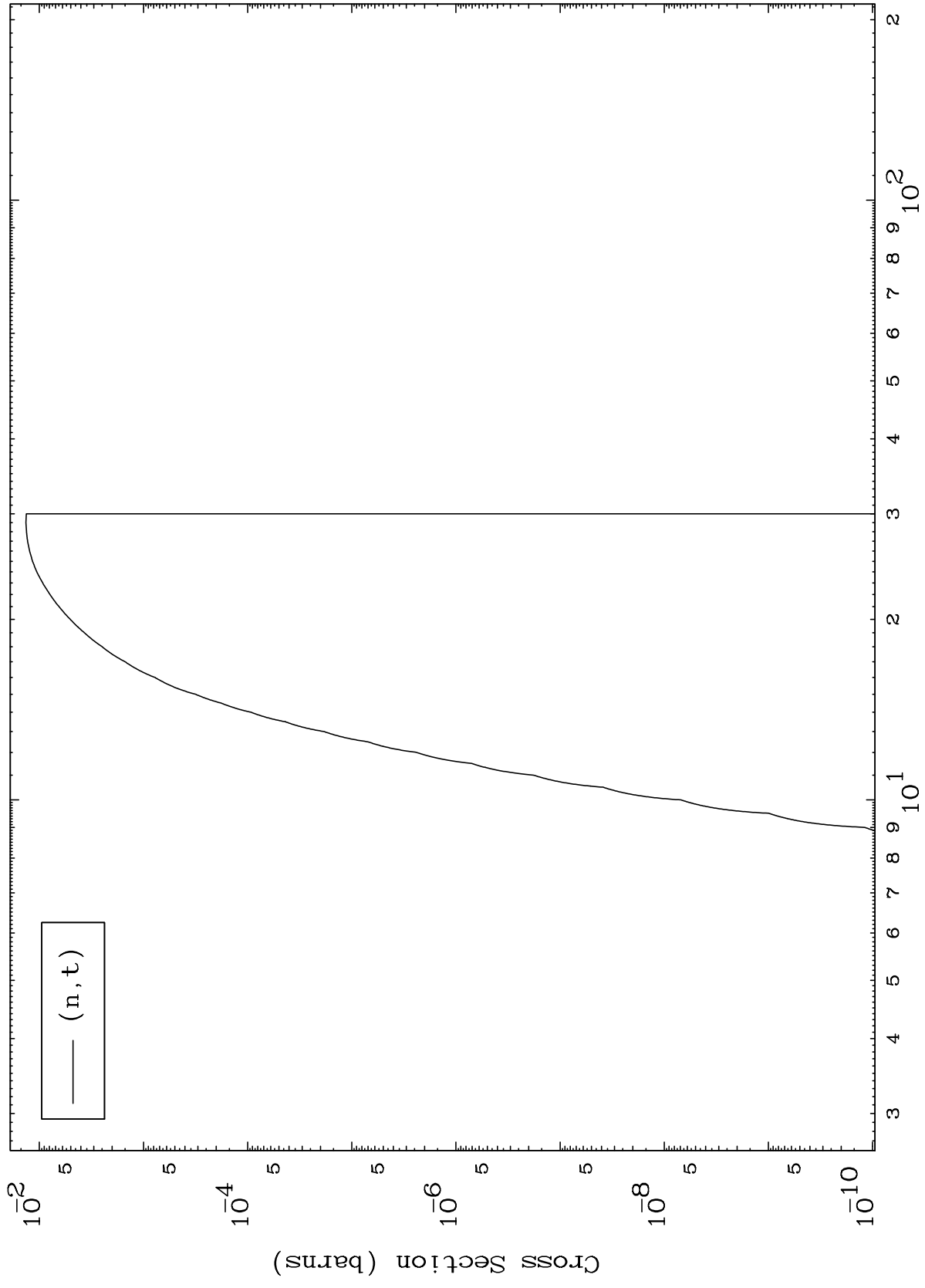
Incident Energy (MeV)

81-Tl-181

MAT 8059

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-181



11

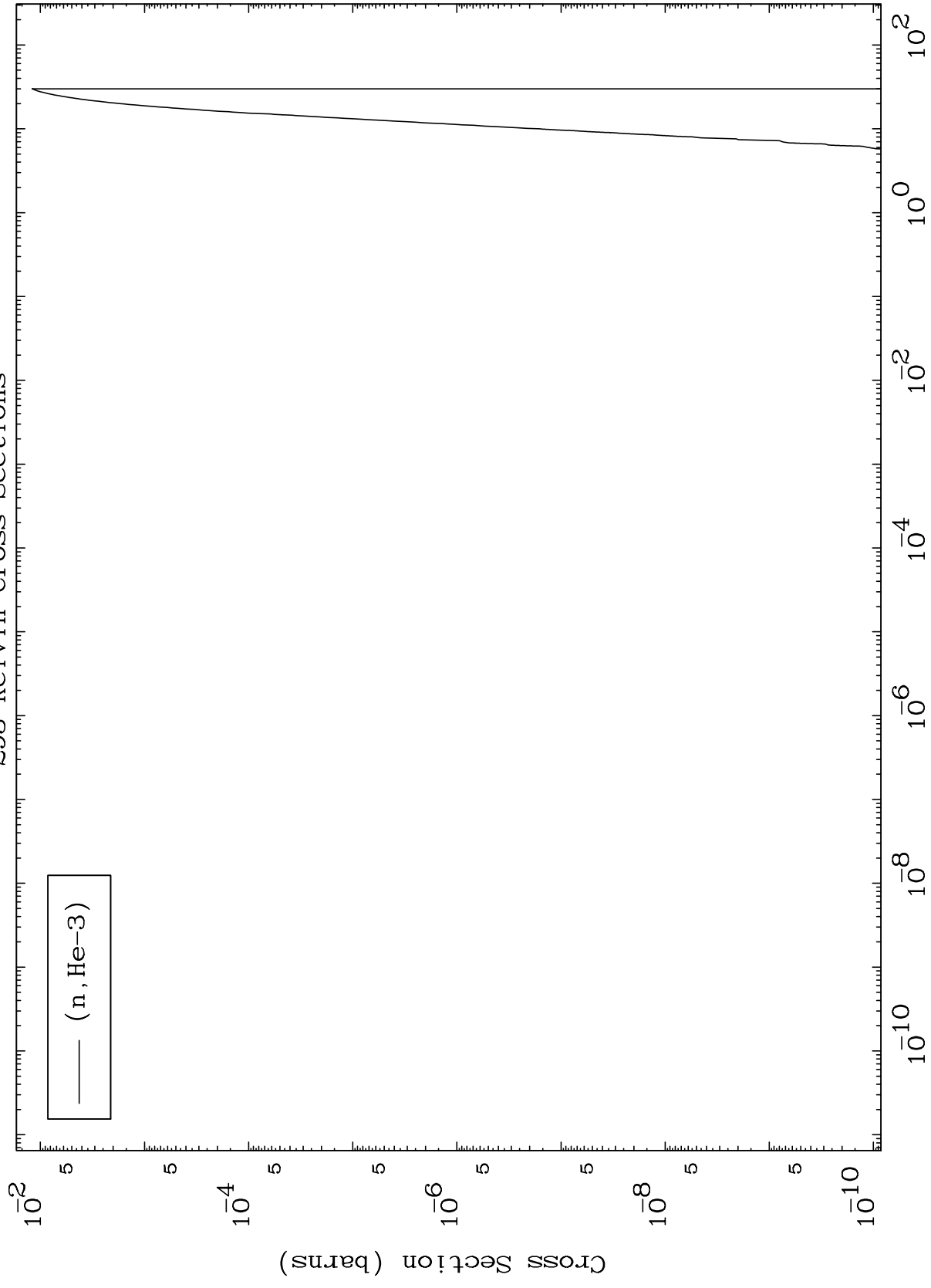
Incident Energy (MeV)

81-Tl-181

MAT 8059

(n,He3) Levels
293 Kelvin Cross Sections

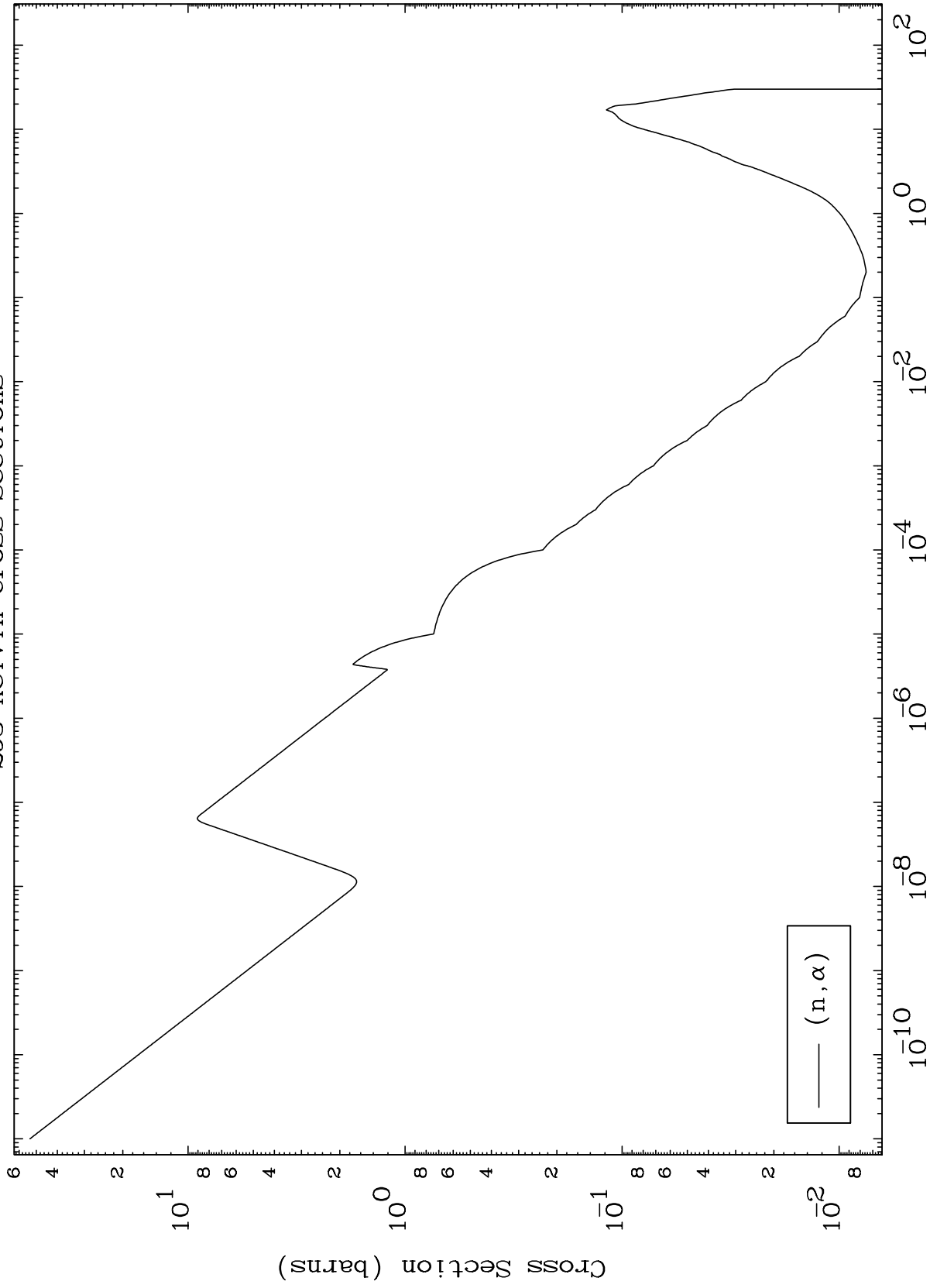
81-Tl-181



MAT 8059

(n, α) Levels
293 Kelvin Cross Sections

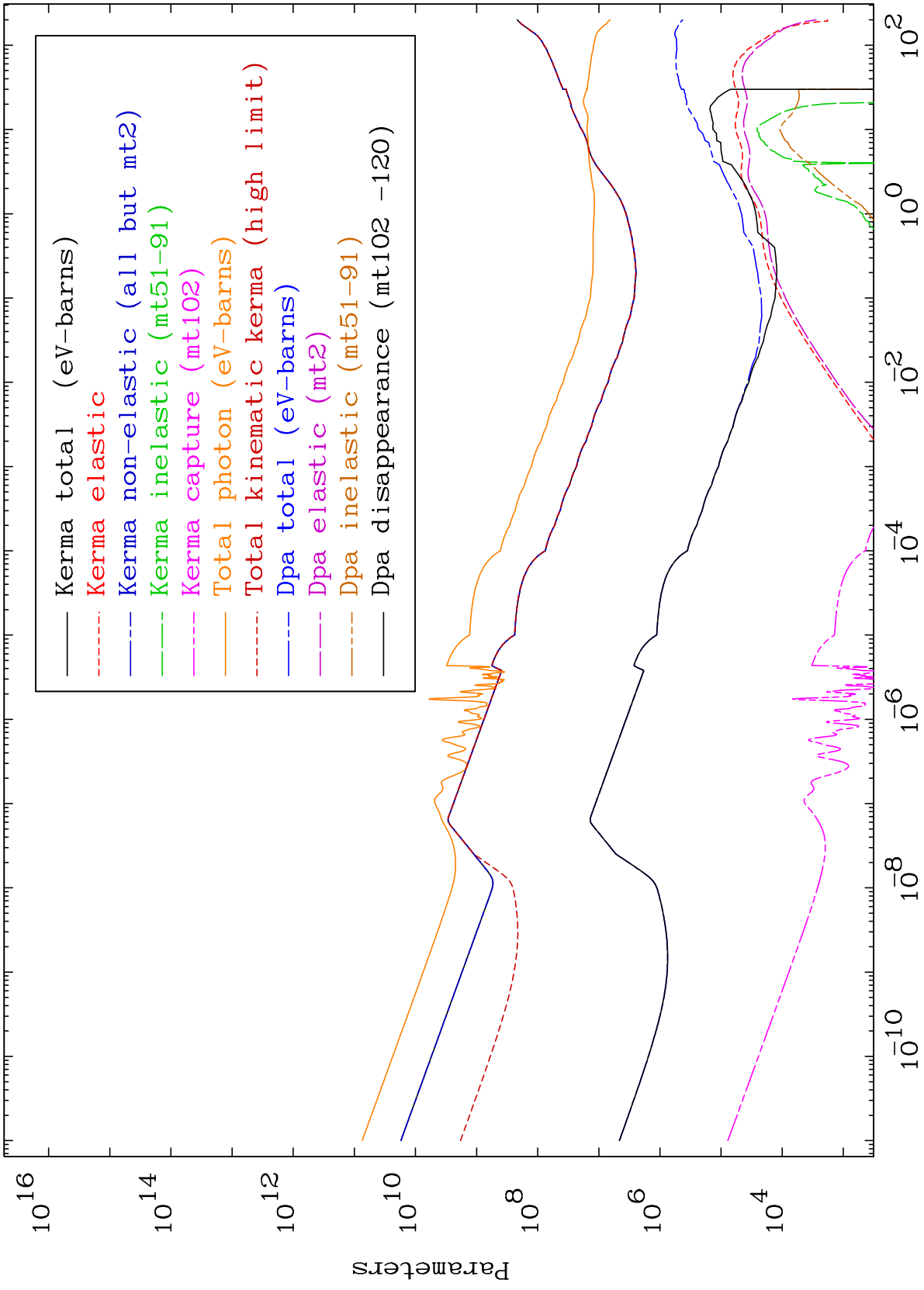
81-Tl-181



13

Incident Energy (MeV)

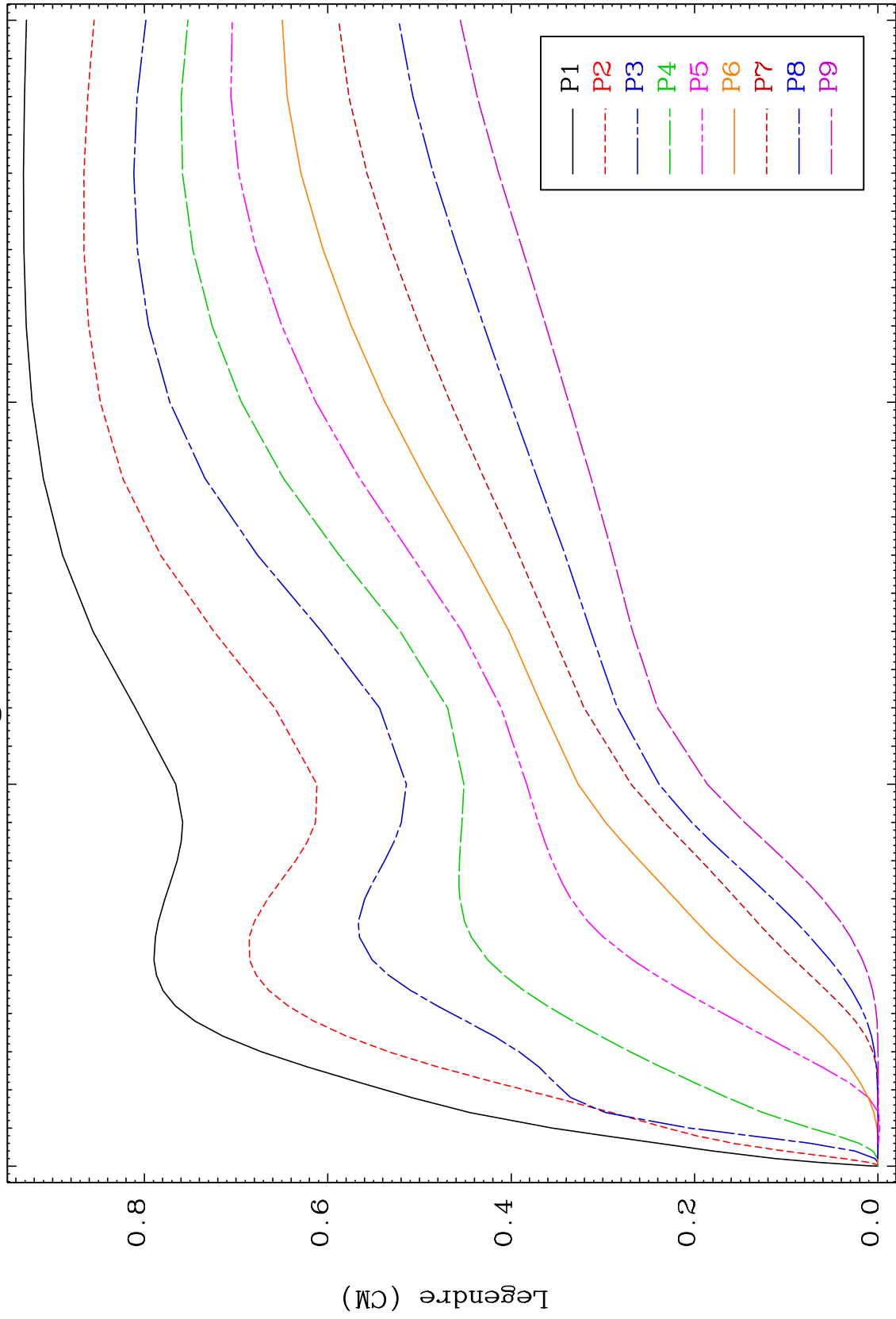
81-Tl-181



MAT 8059

Elastic Legendre Coefficients

81-Tl-181



15

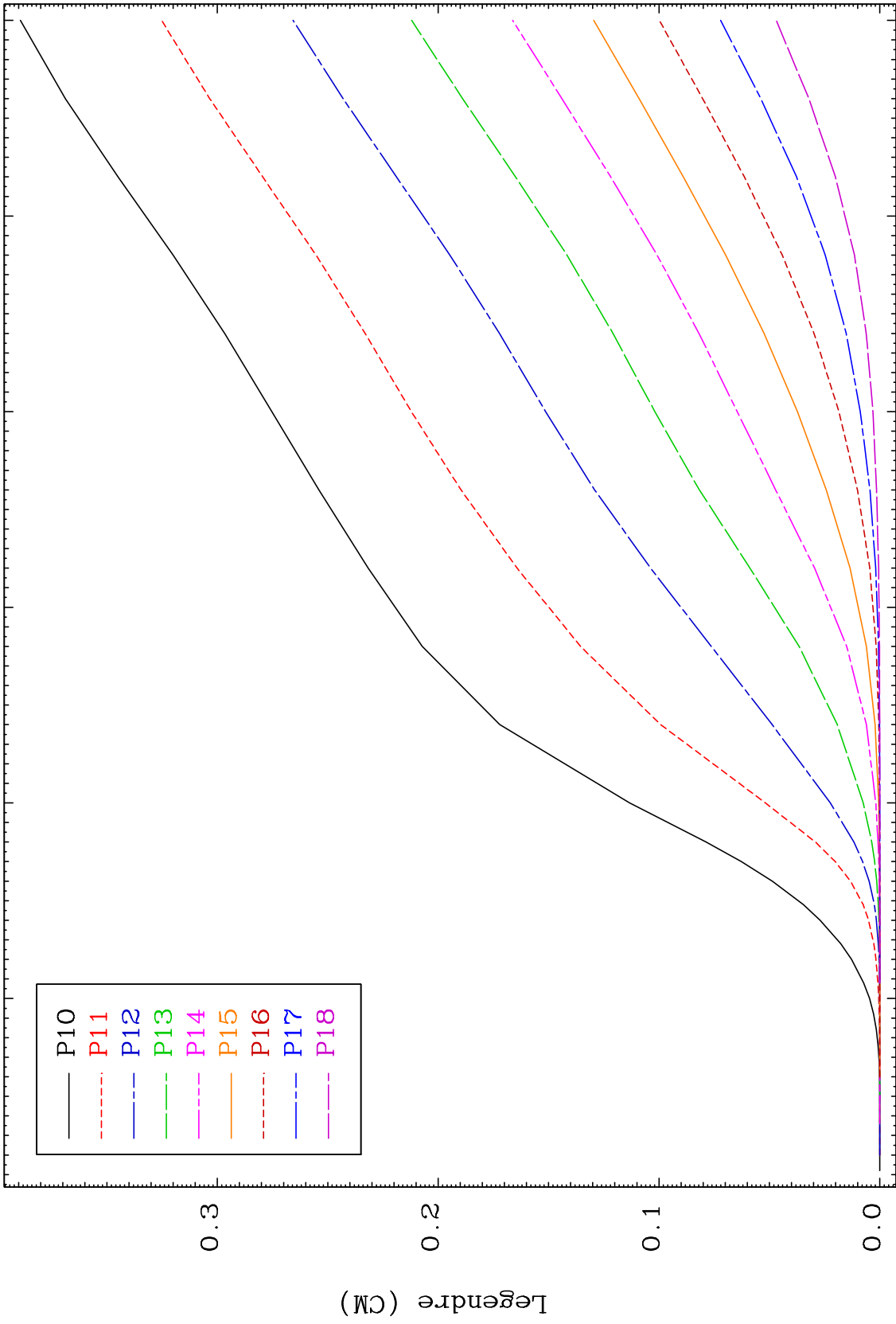
Incident Energy (MeV)

81-Tl-181

MAT 8059

Elastic Legendre Coefficients

81-Tl-181



16

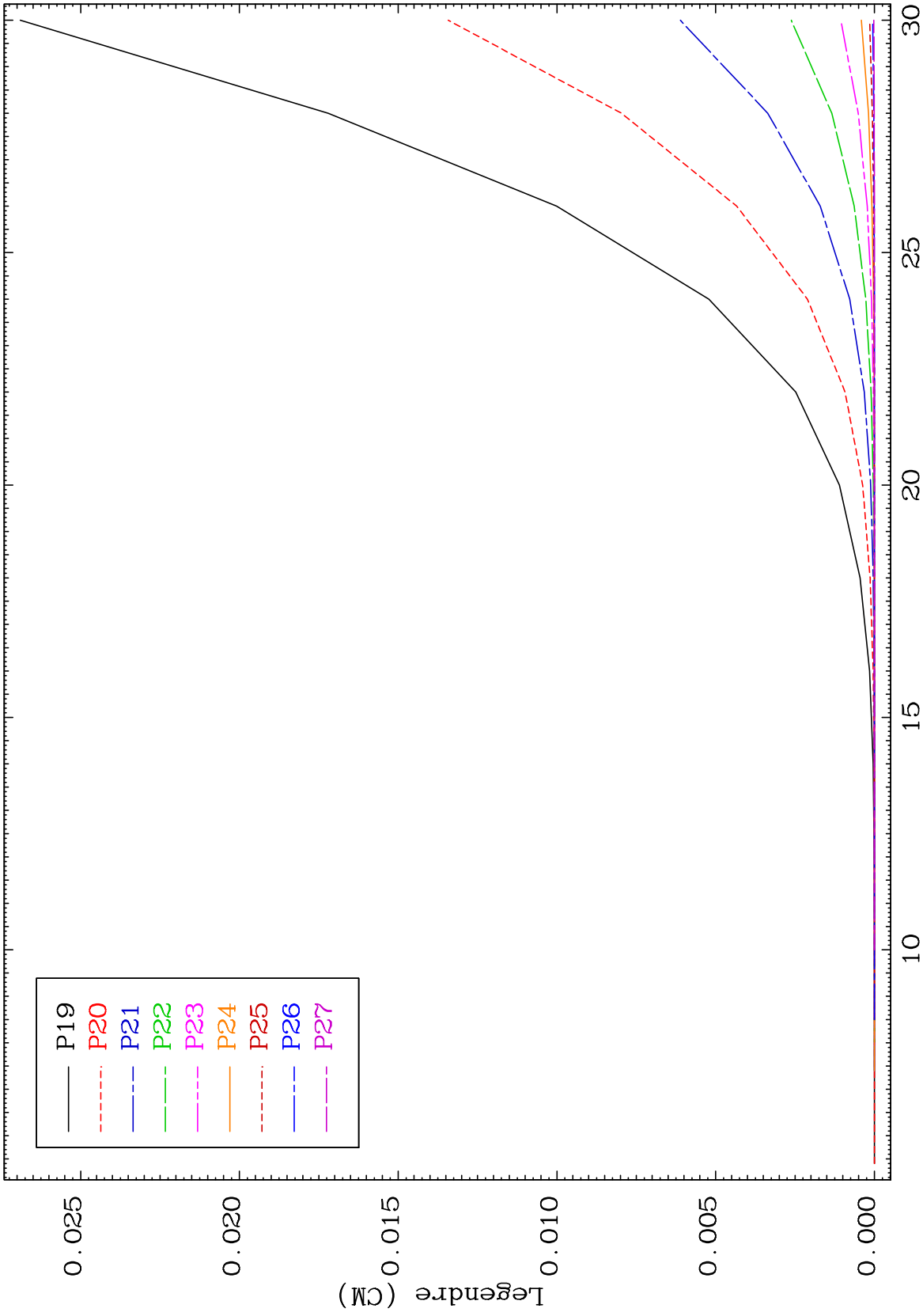
Incident Energy (MeV)

81-Tl-181

MAT 8059

Elastic Legendre Coefficients

81-Tl-181



17

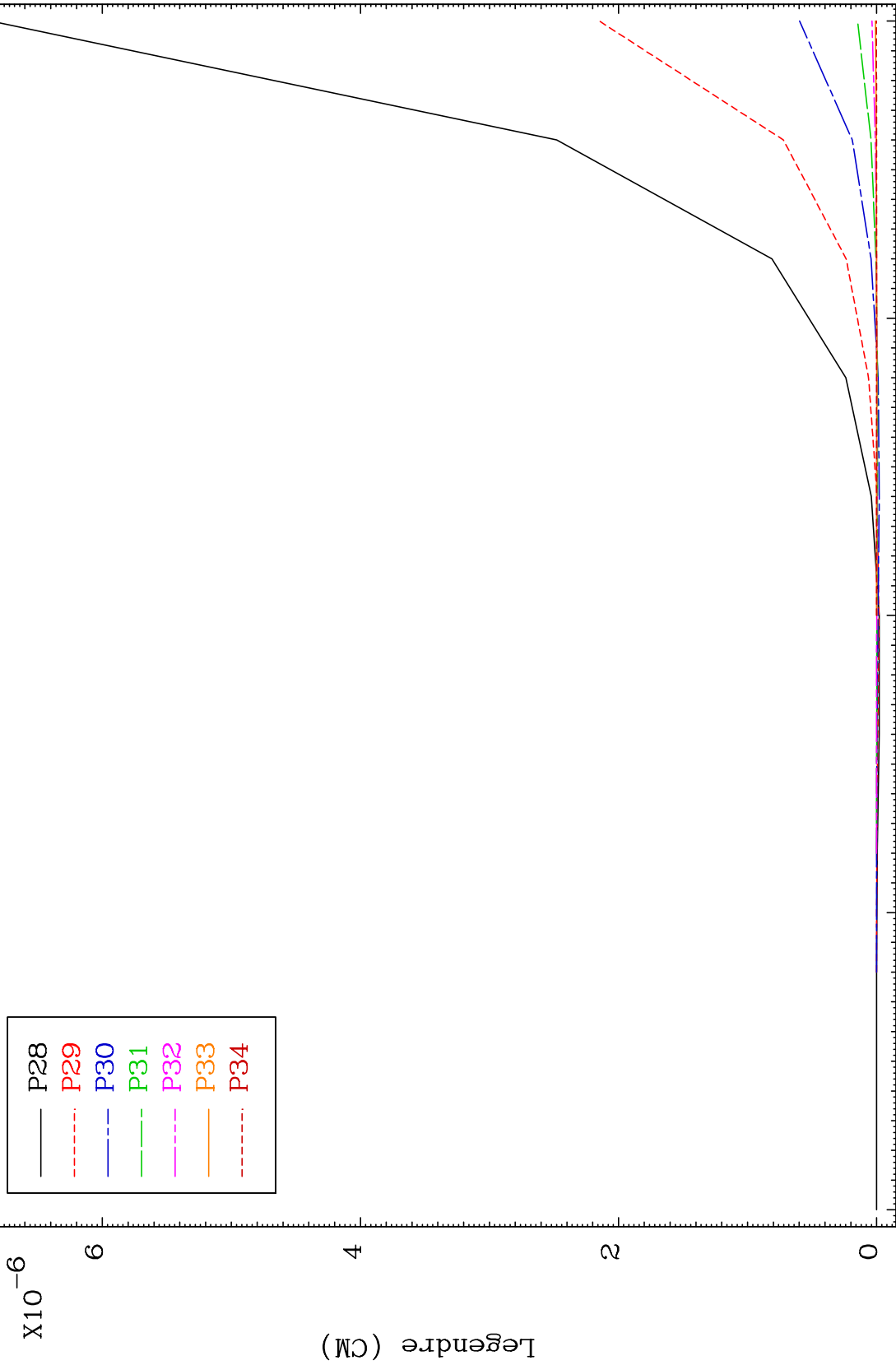
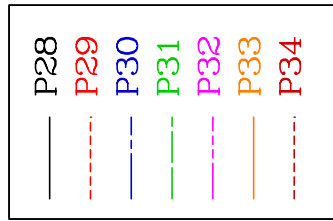
Incident Energy (MeV)

81-Tl-181

MAT 8059

Elastic Legendre Coefficients

81-Tl-181



18

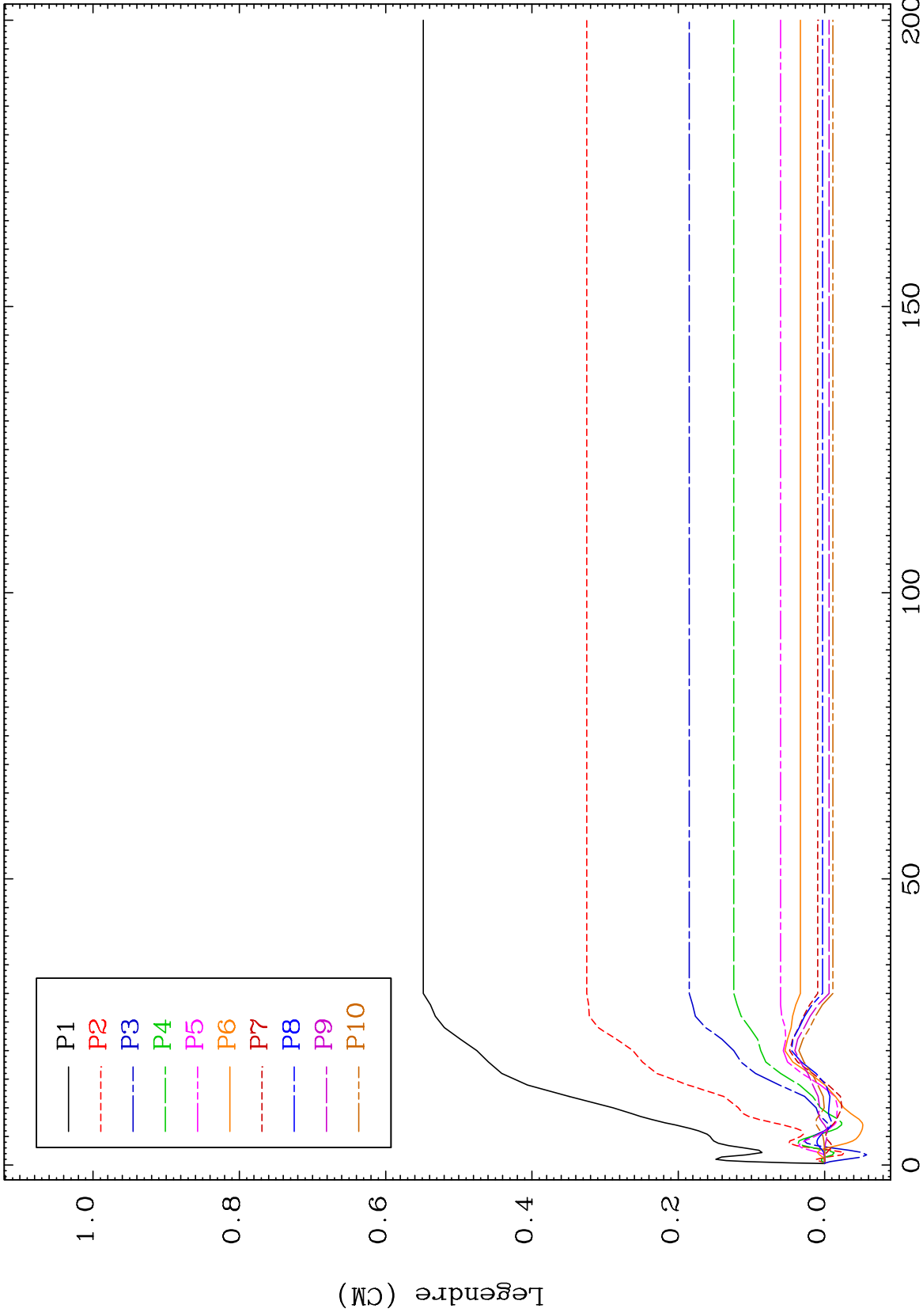
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 51 (n,n') Level
Legendre Coefficients

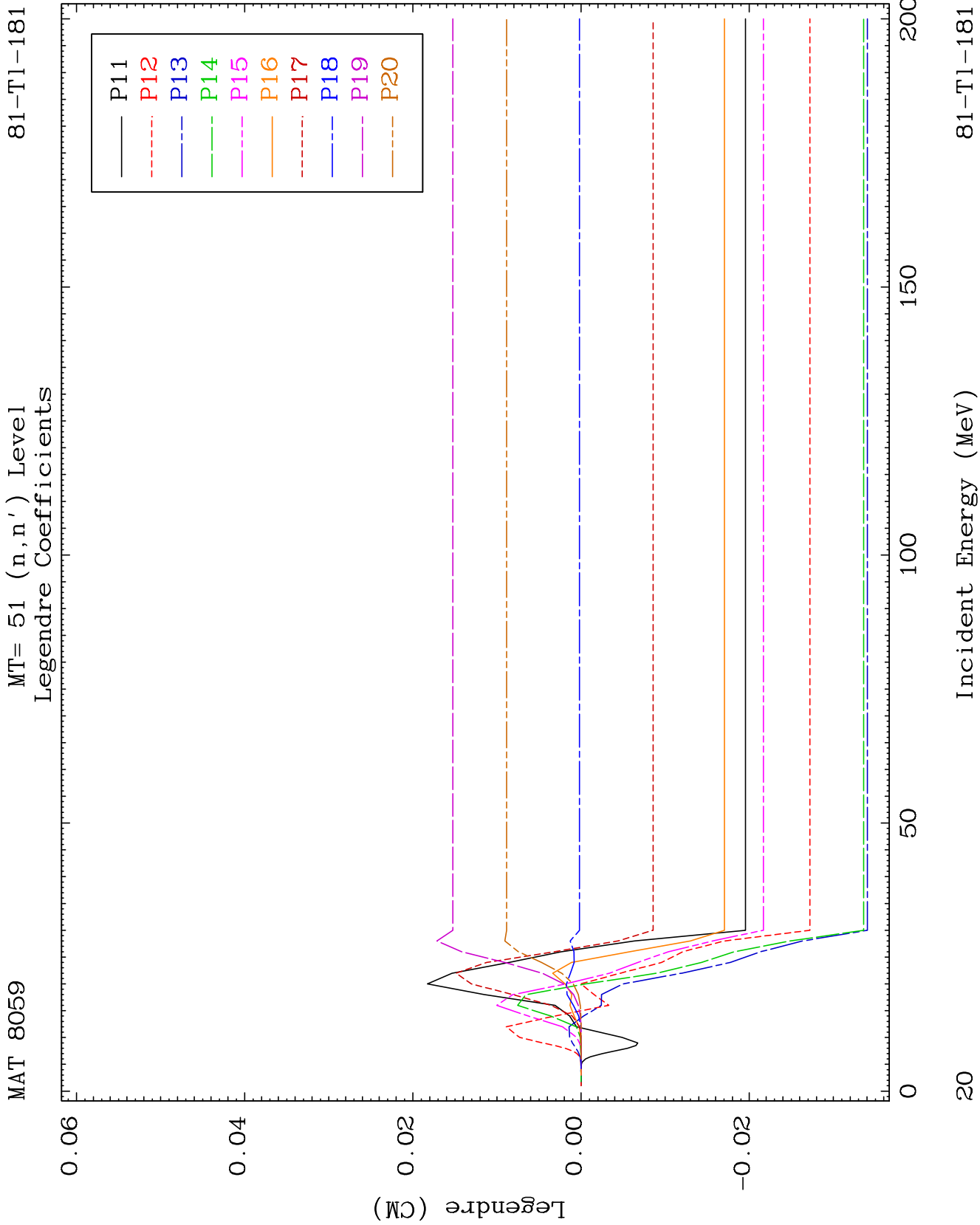
81-Tl-181



19

Incident Energy (MeV)

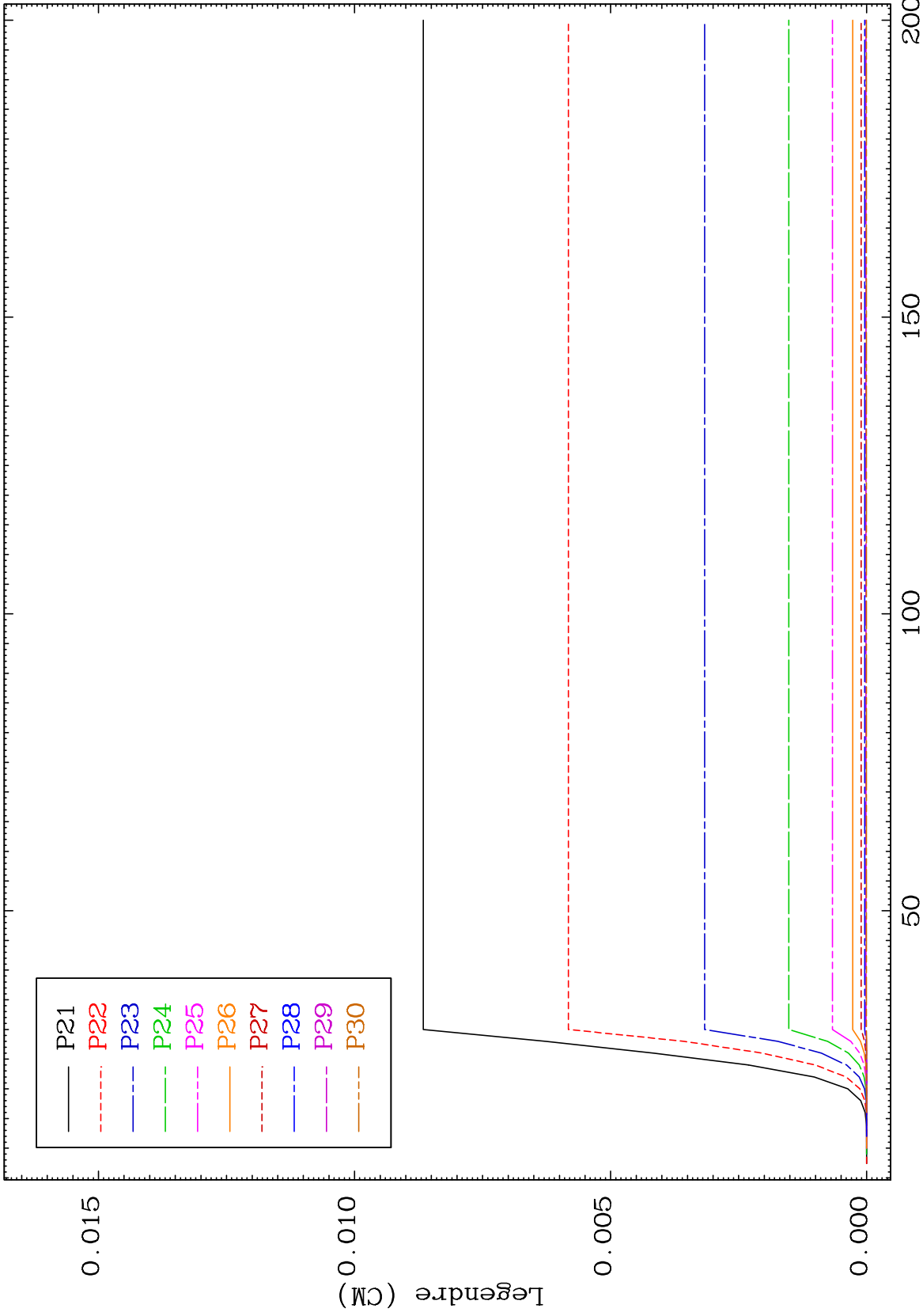
81-Tl-181



MAT 8059

MT= 51 (n,n') Level
Legendre Coefficients

81-Tl-181



21

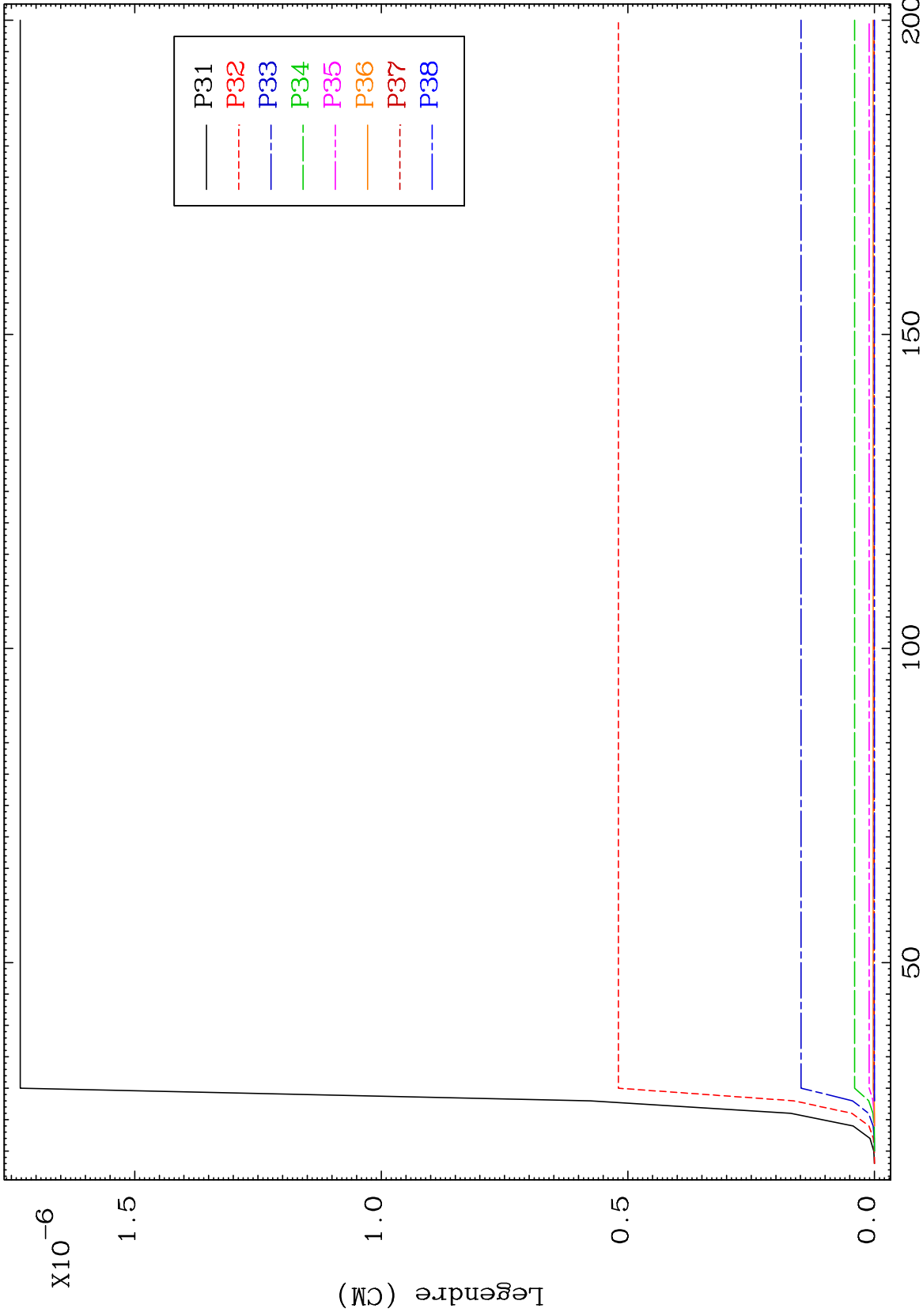
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 51 (n,n') Level
Legendre Coefficients

81-Tl-181



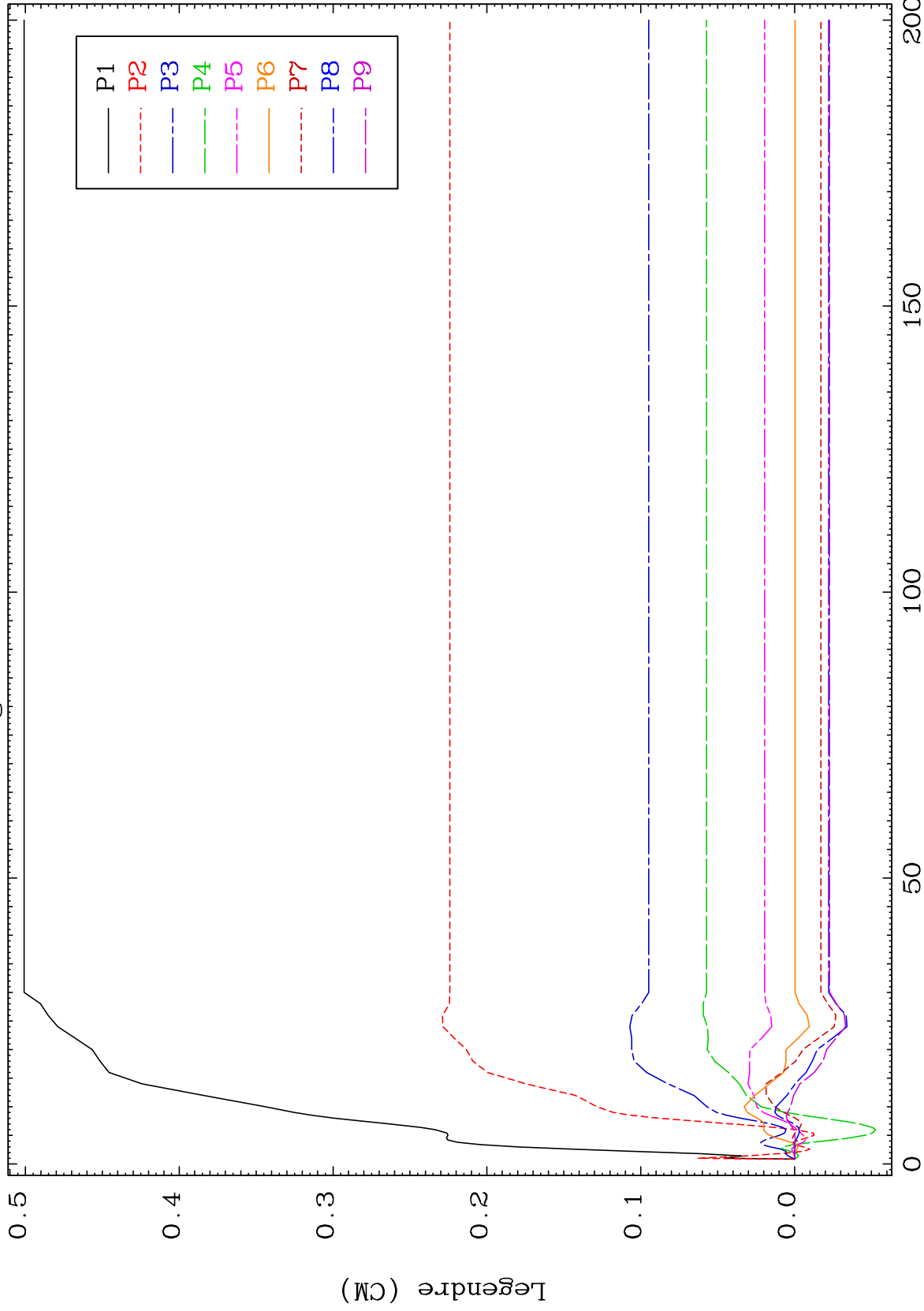
22

81-Tl-181

MAT 8059

MT= 52 (n,n') Level
Legendre Coefficients

81-Tl-181



23

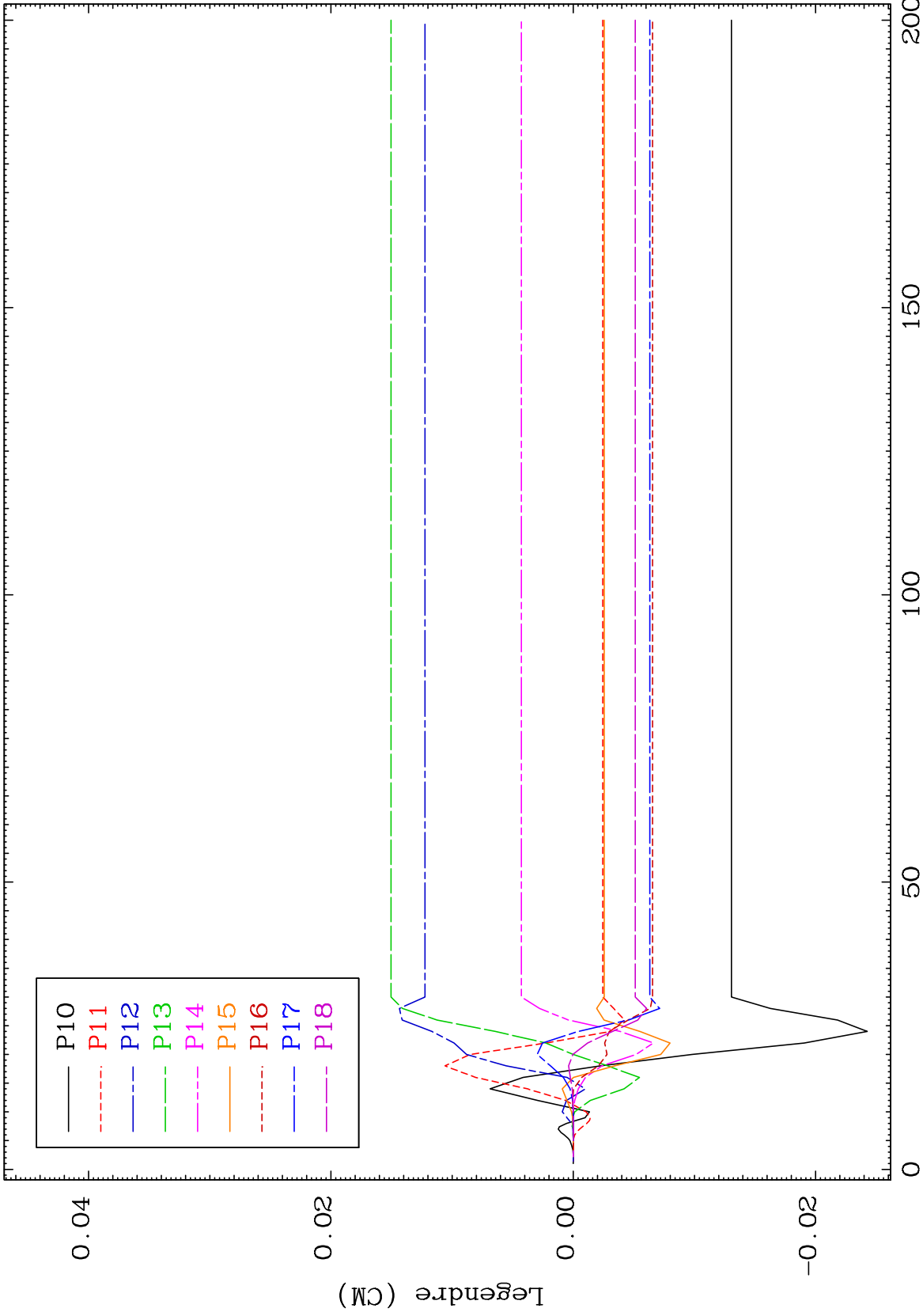
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 52 (n,n') Level
Legendre Coefficients

81-Tl-181



24

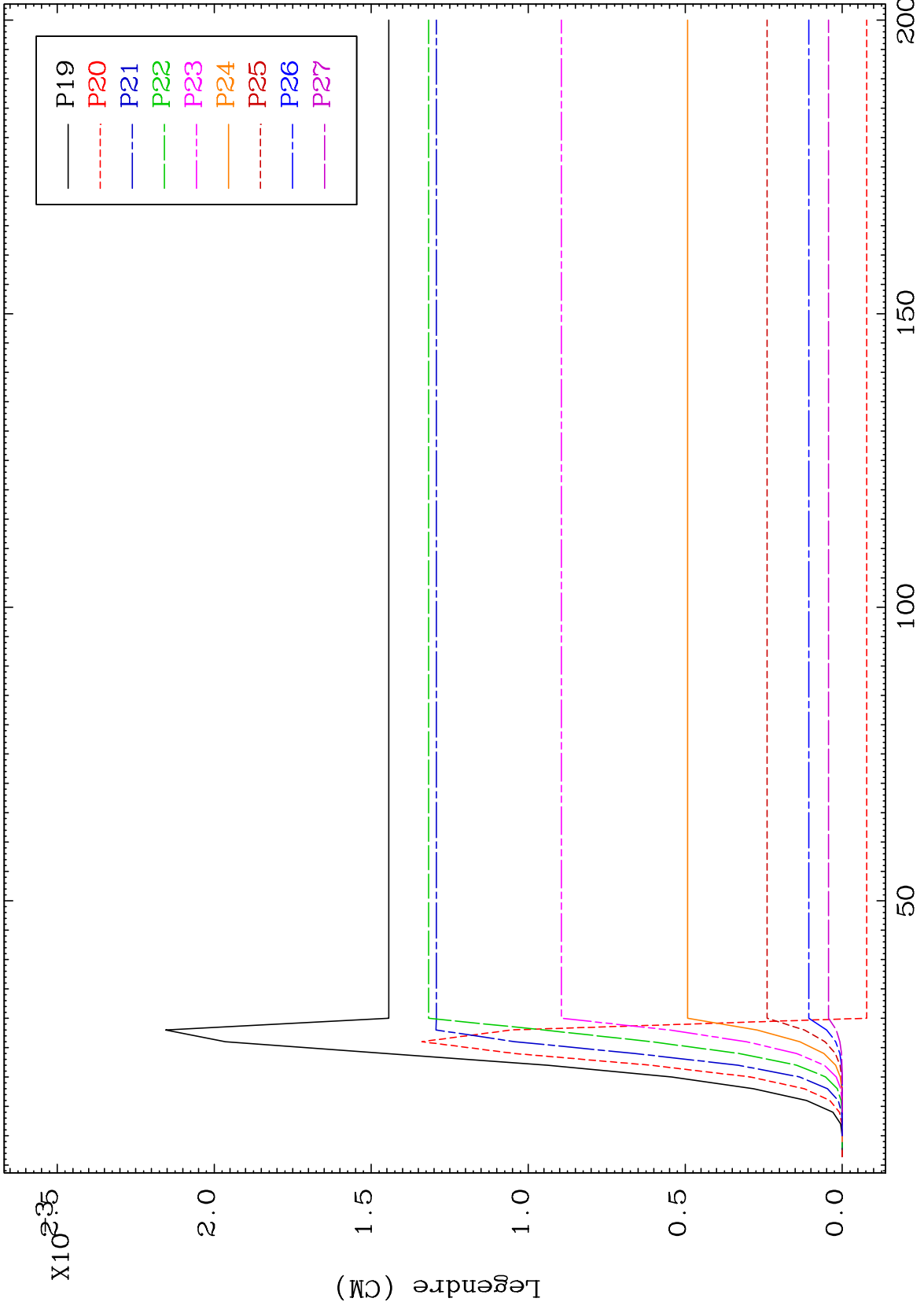
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 52 (n,n') Level
Legendre Coefficients

81-Tl-181



25

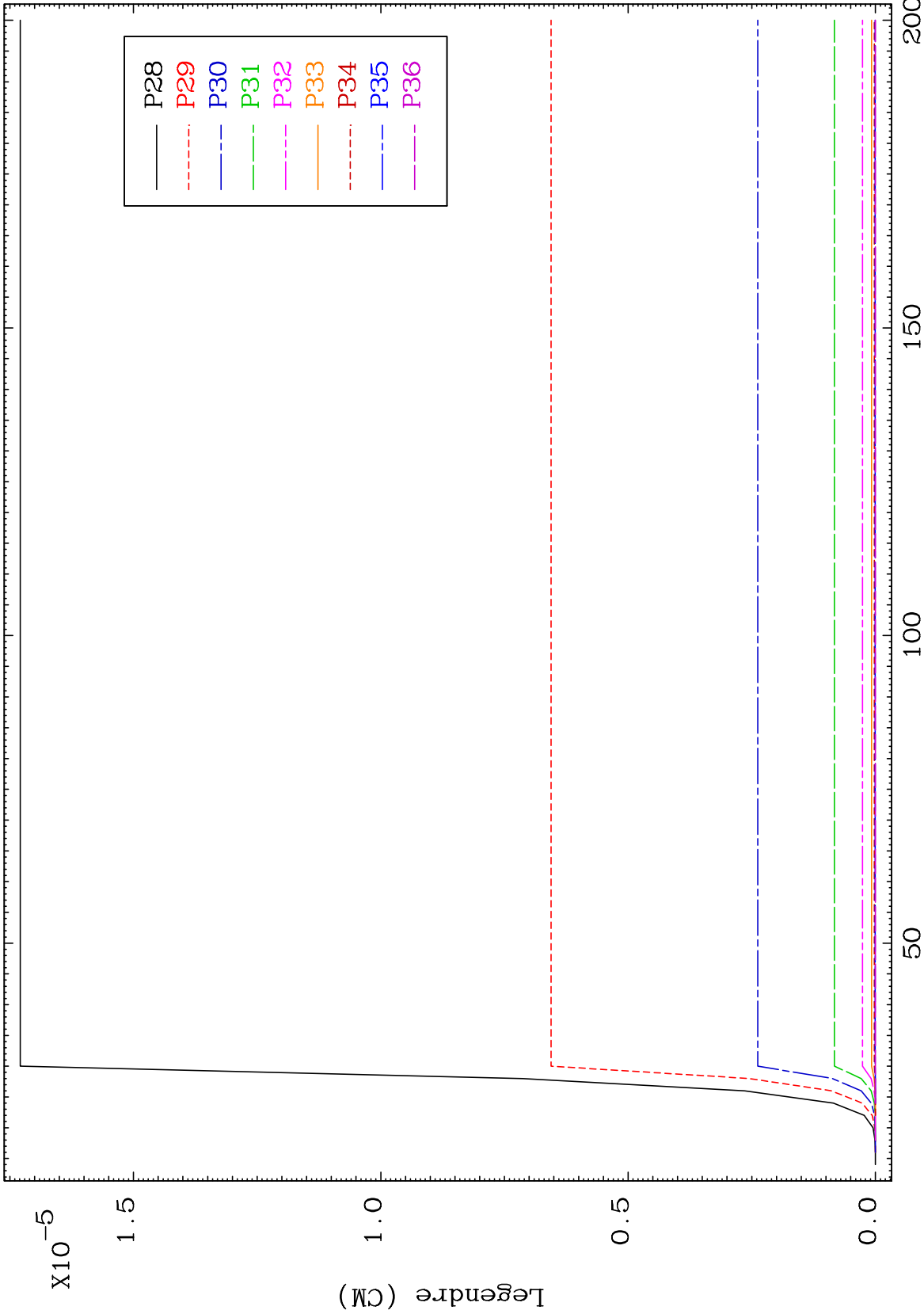
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 52 (n,n') Level
Legendre Coefficients

81-T1-181



26

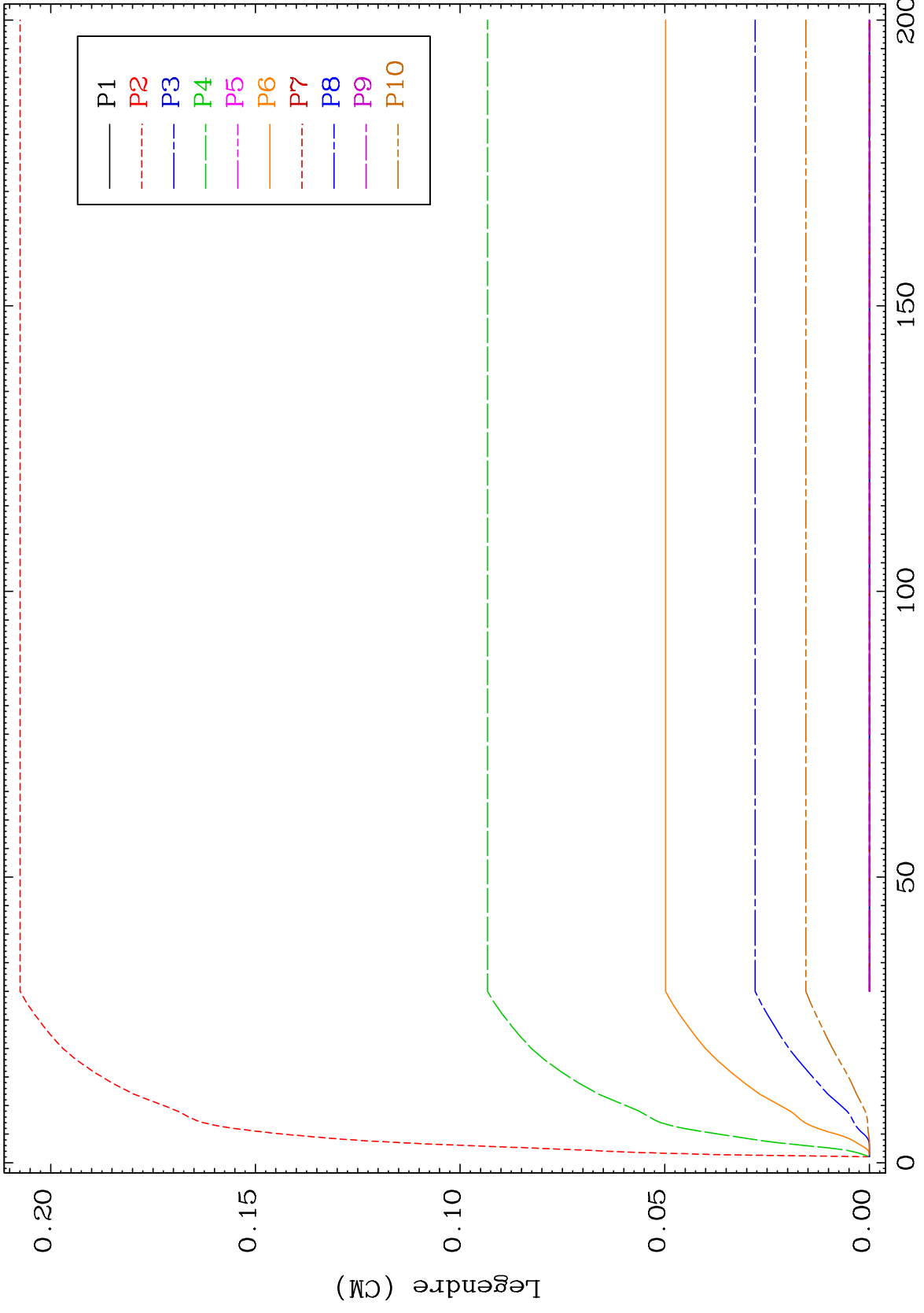
Incident Energy (MeV)

81-T1-181

MAT 8059

MT= 53 (n,n') Level
Legendre Coefficients

81-T1-181



27

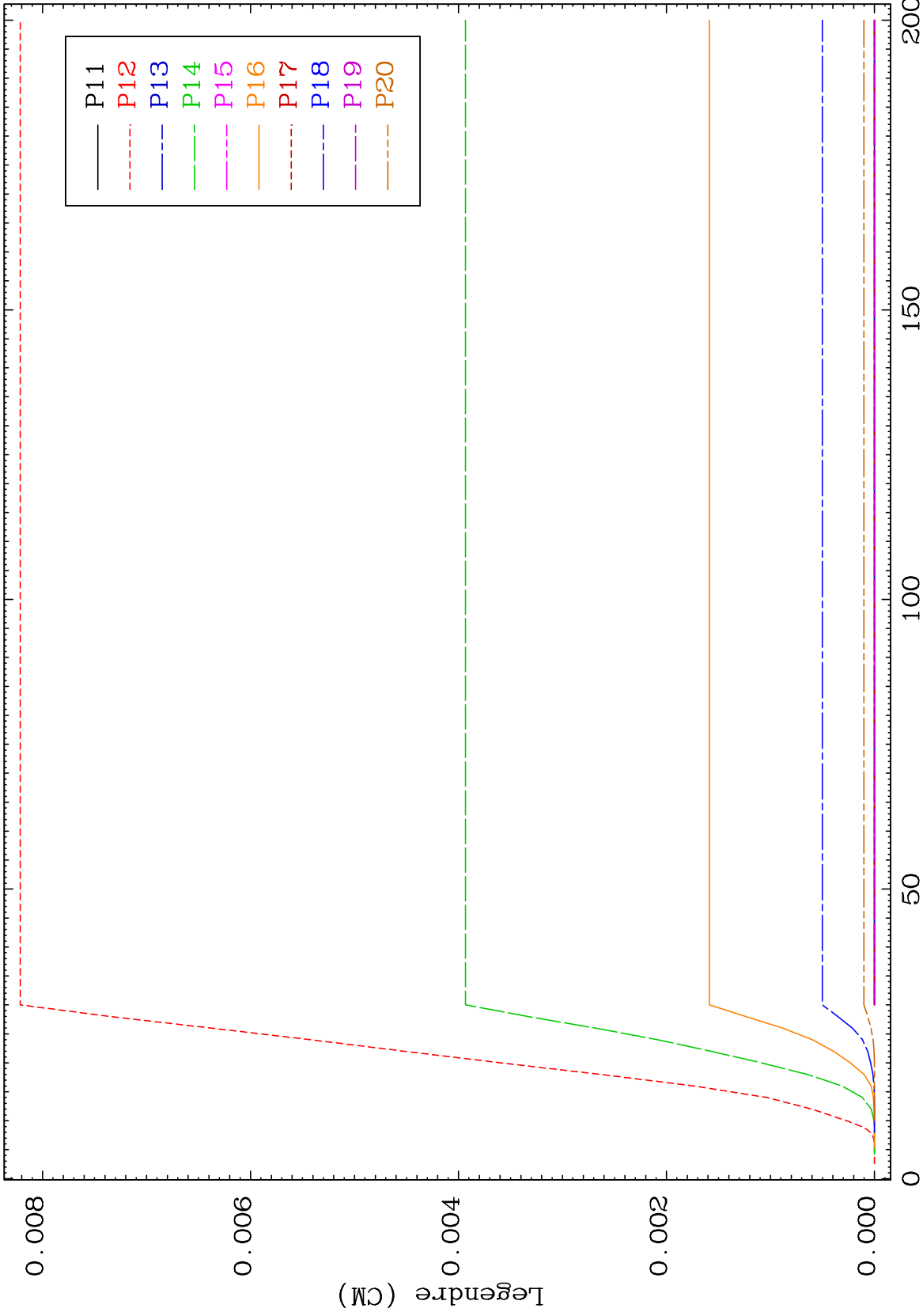
Incident Energy (MeV)

81-T1-181

MAT 8059

MT= 53 (n,n') Level
Legendre Coefficients

81-Tl-181



28

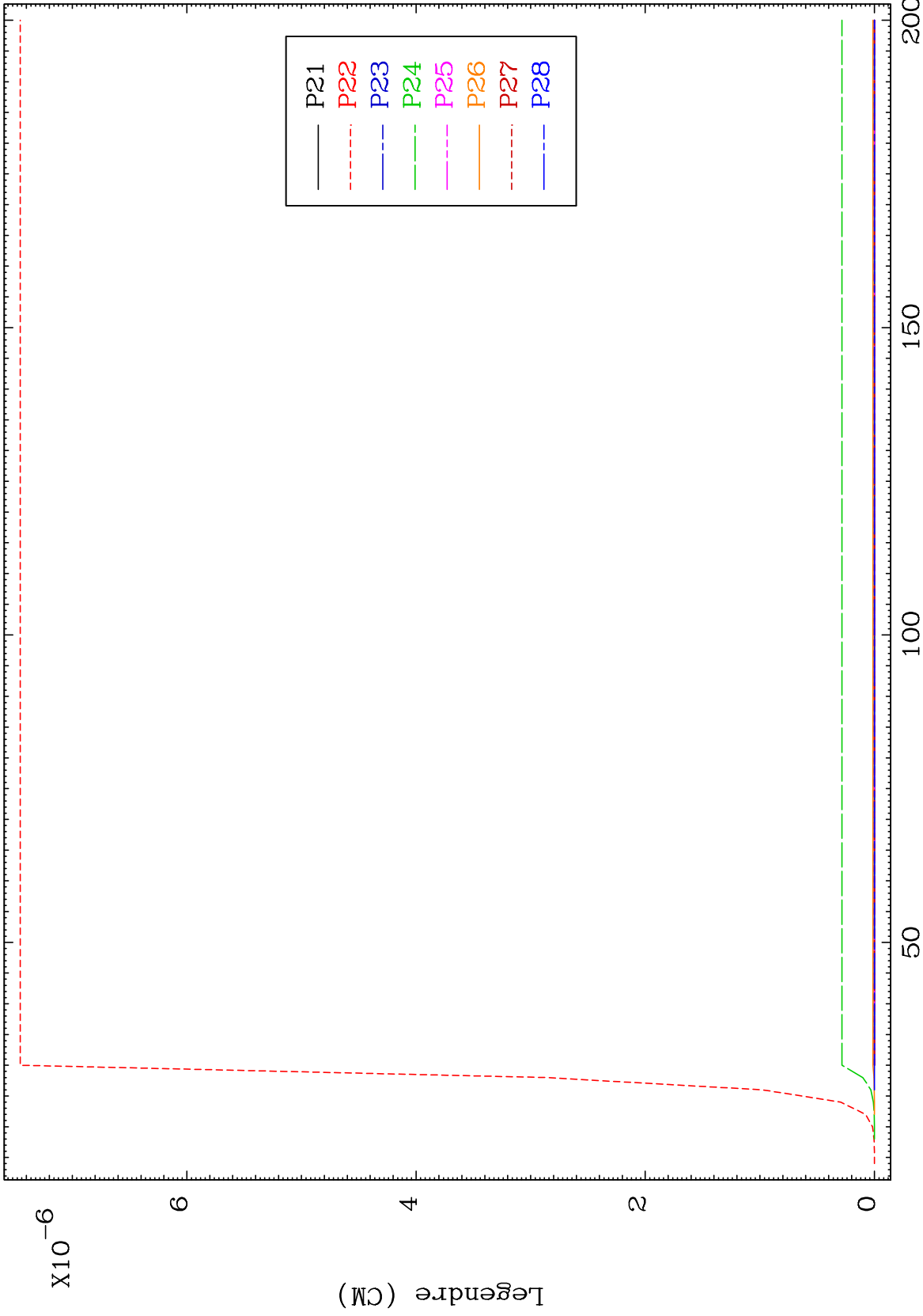
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 53 (n,n') Level
Legendre Coefficients

81-Tl-181



29

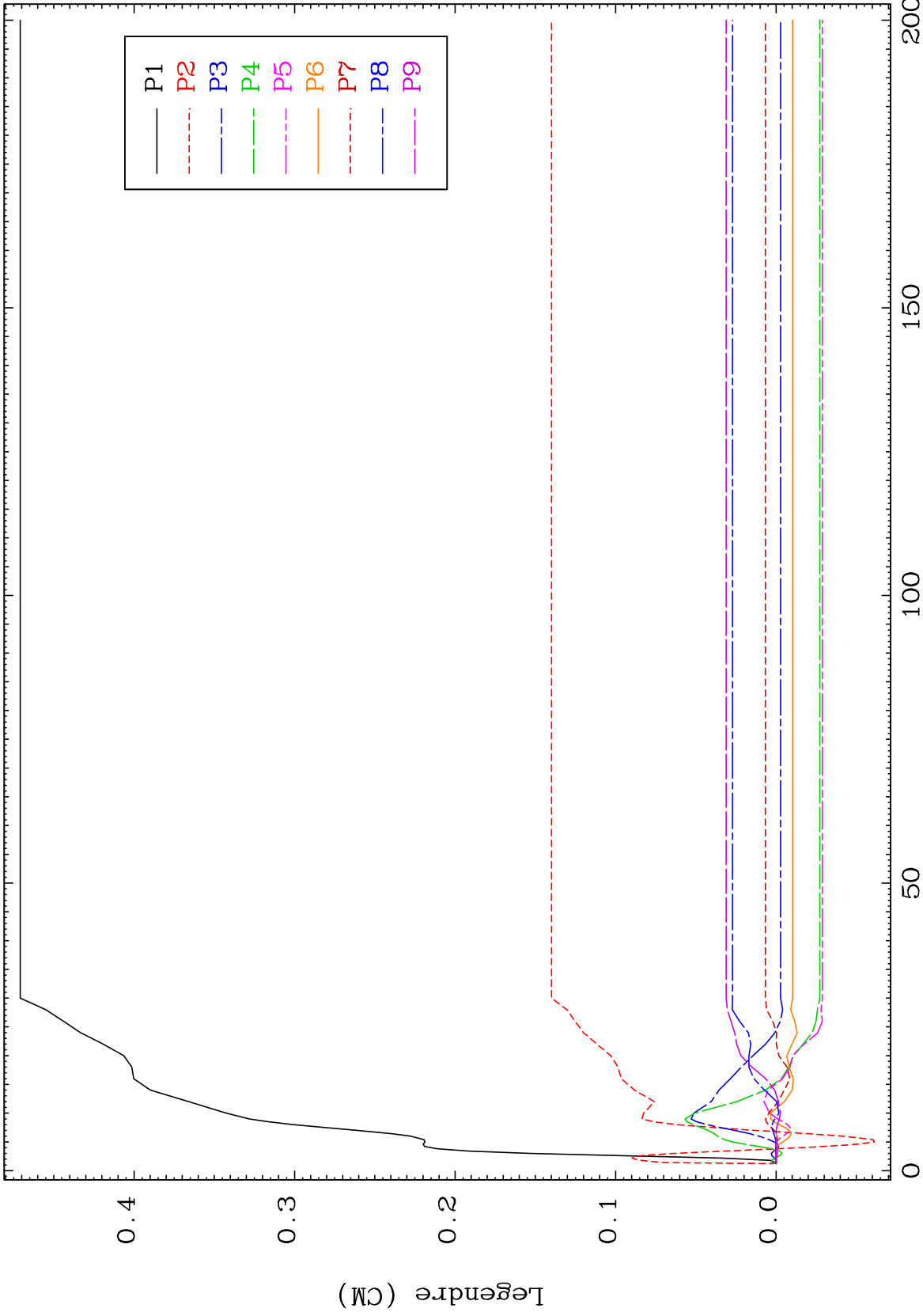
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 54 (n,n') Level
Legendre Coefficients

81-Tl-181



81-Tl-181

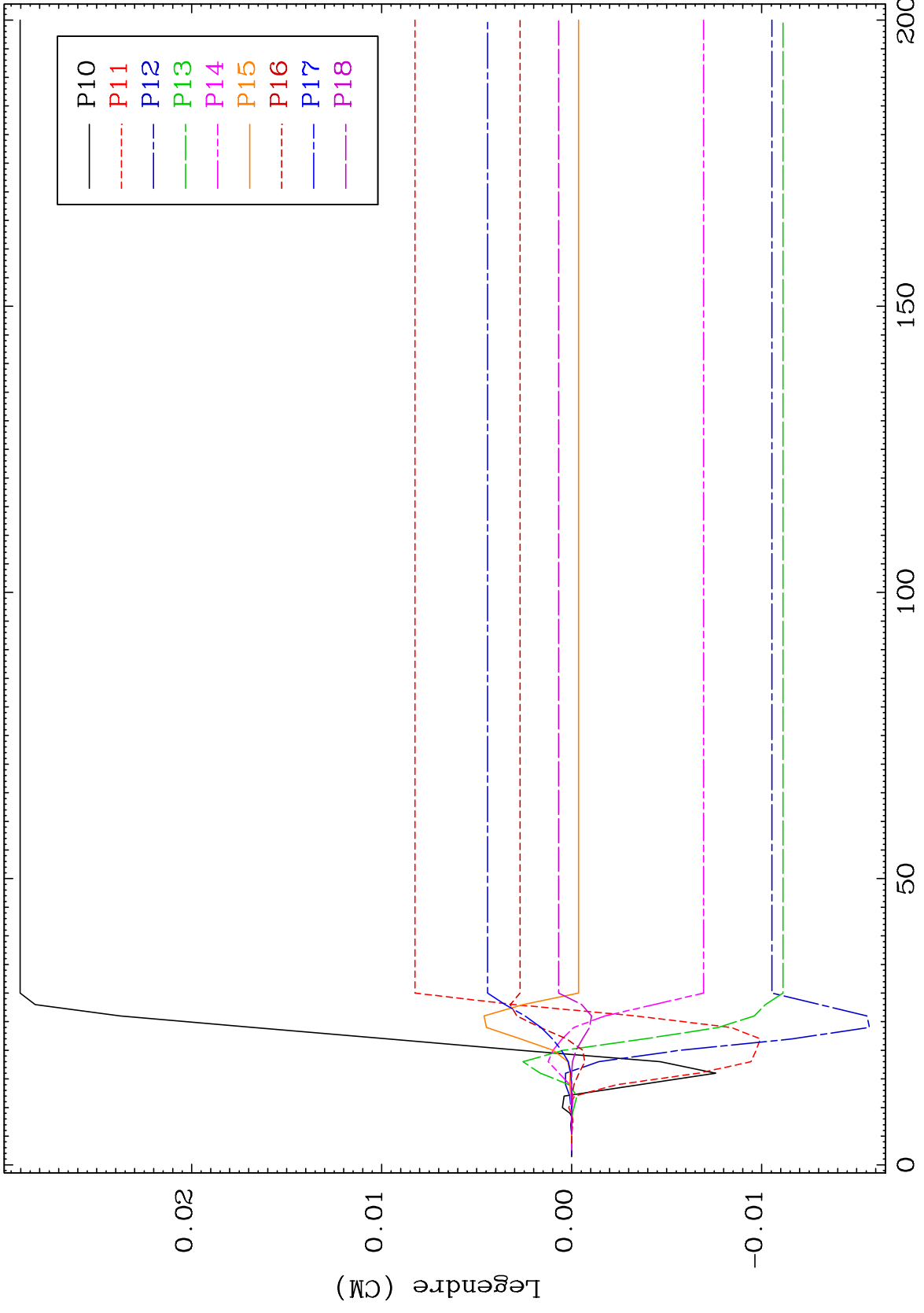
Incident Energy (MeV)

30

MAT 8059

MT= 54 (n,n') Level
Legendre Coefficients

81-Tl-181



31

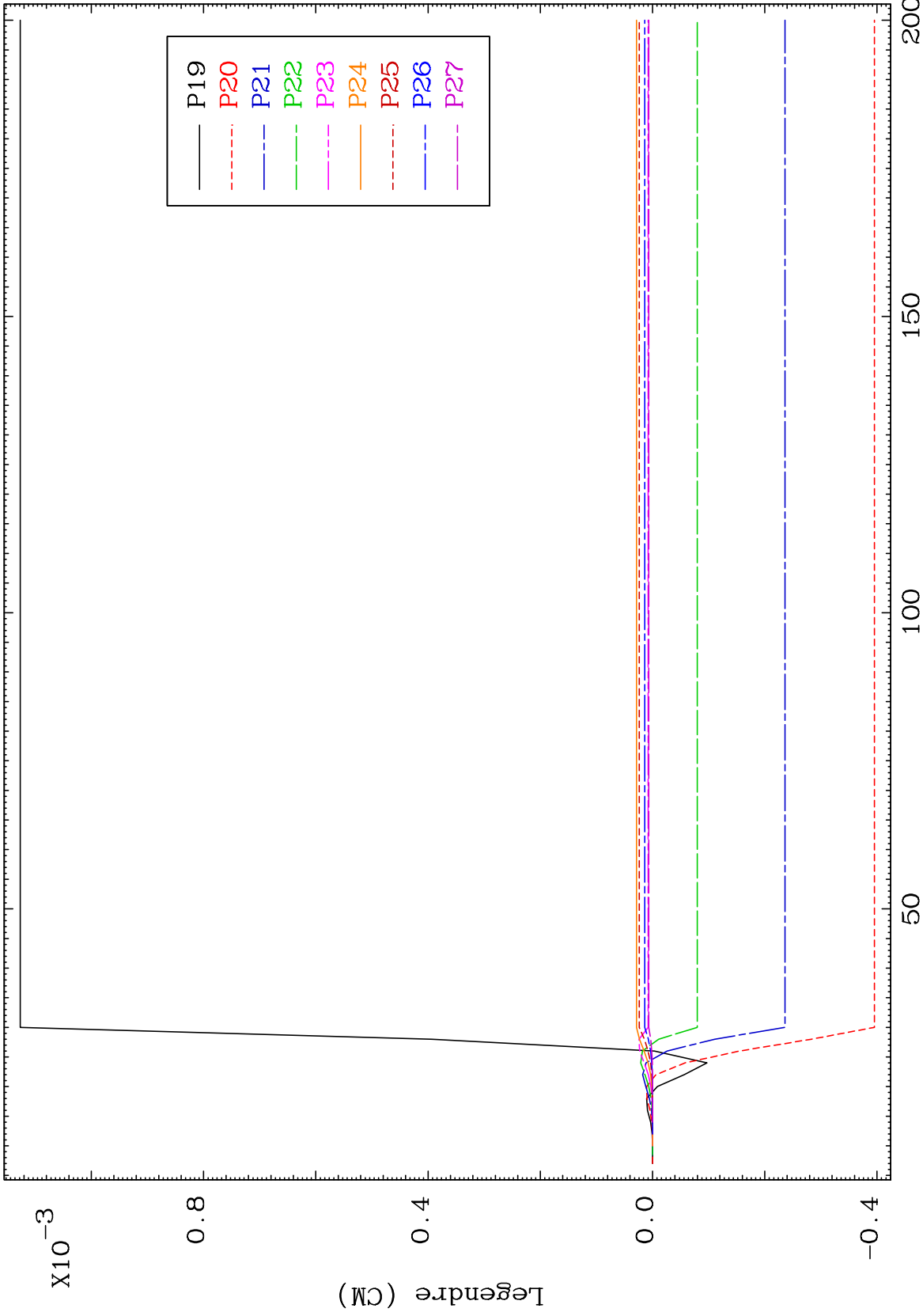
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 54 (n,n') Level
Legendre Coefficients

81-Tl-181



32

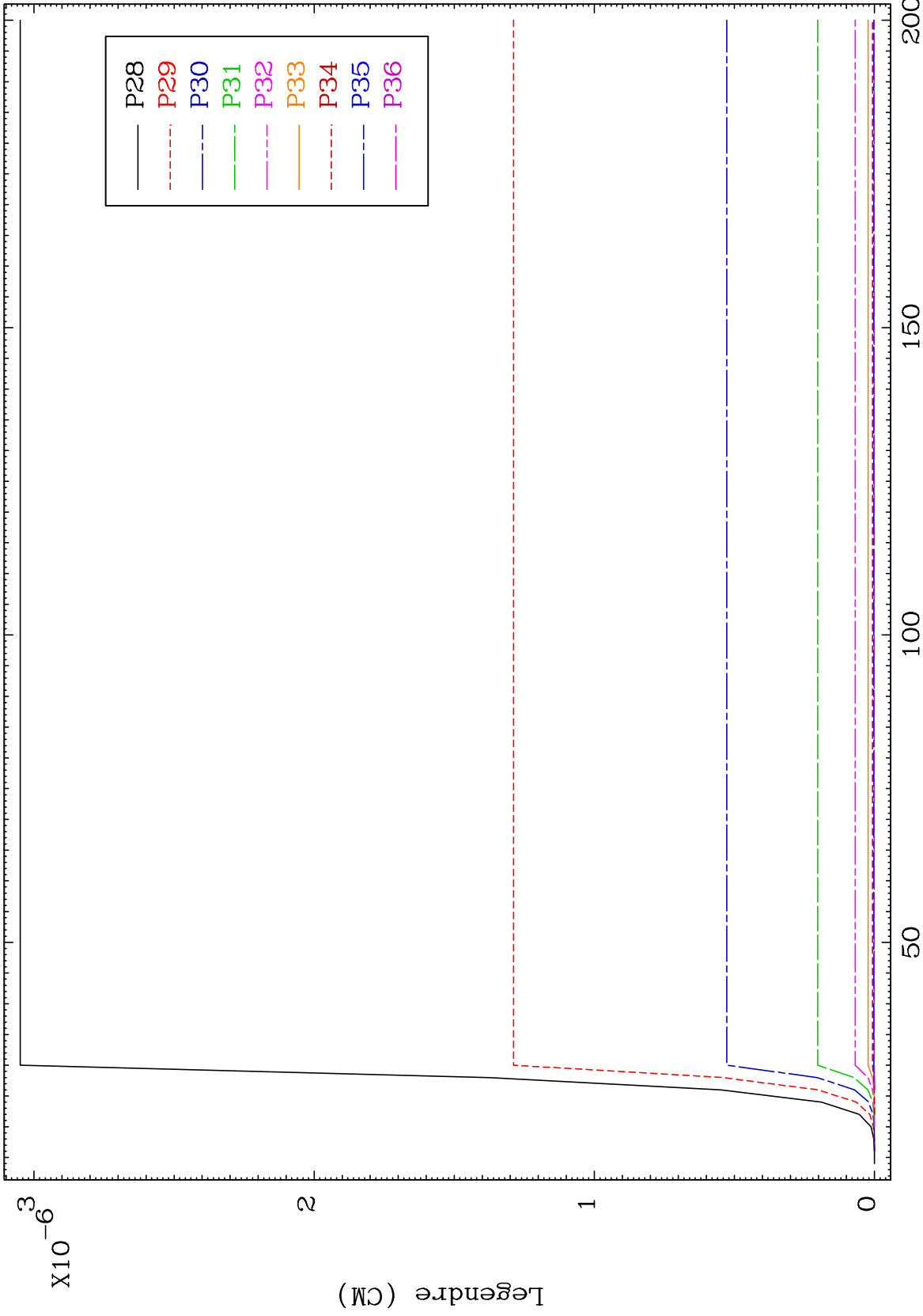
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 54 (n,n') Level
Legendre Coefficients

81-Tl-181



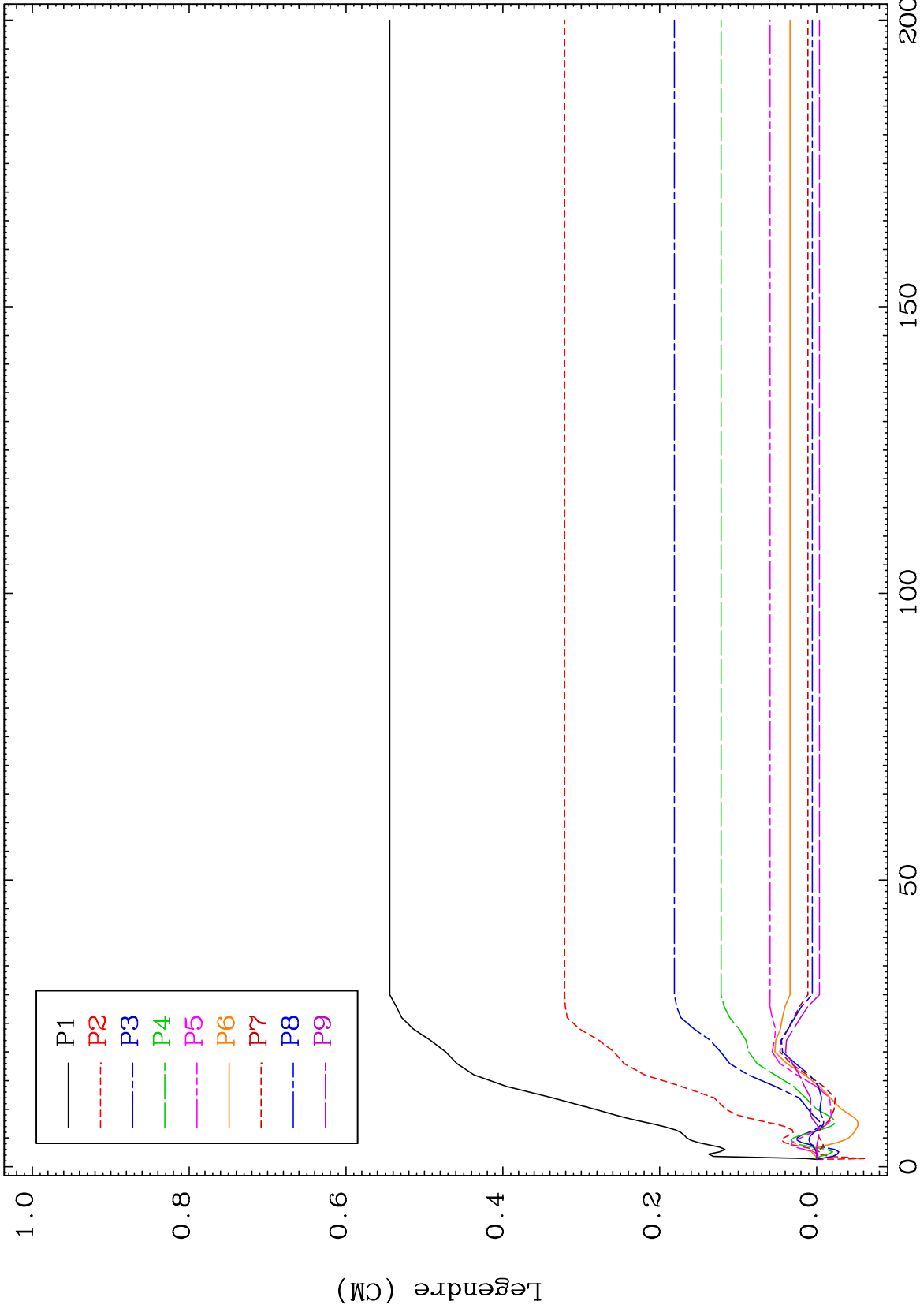
33

81-Tl-181

MAT 8059

MT= 55 (n,n') Level
Legendre Coefficients

81-Tl-181

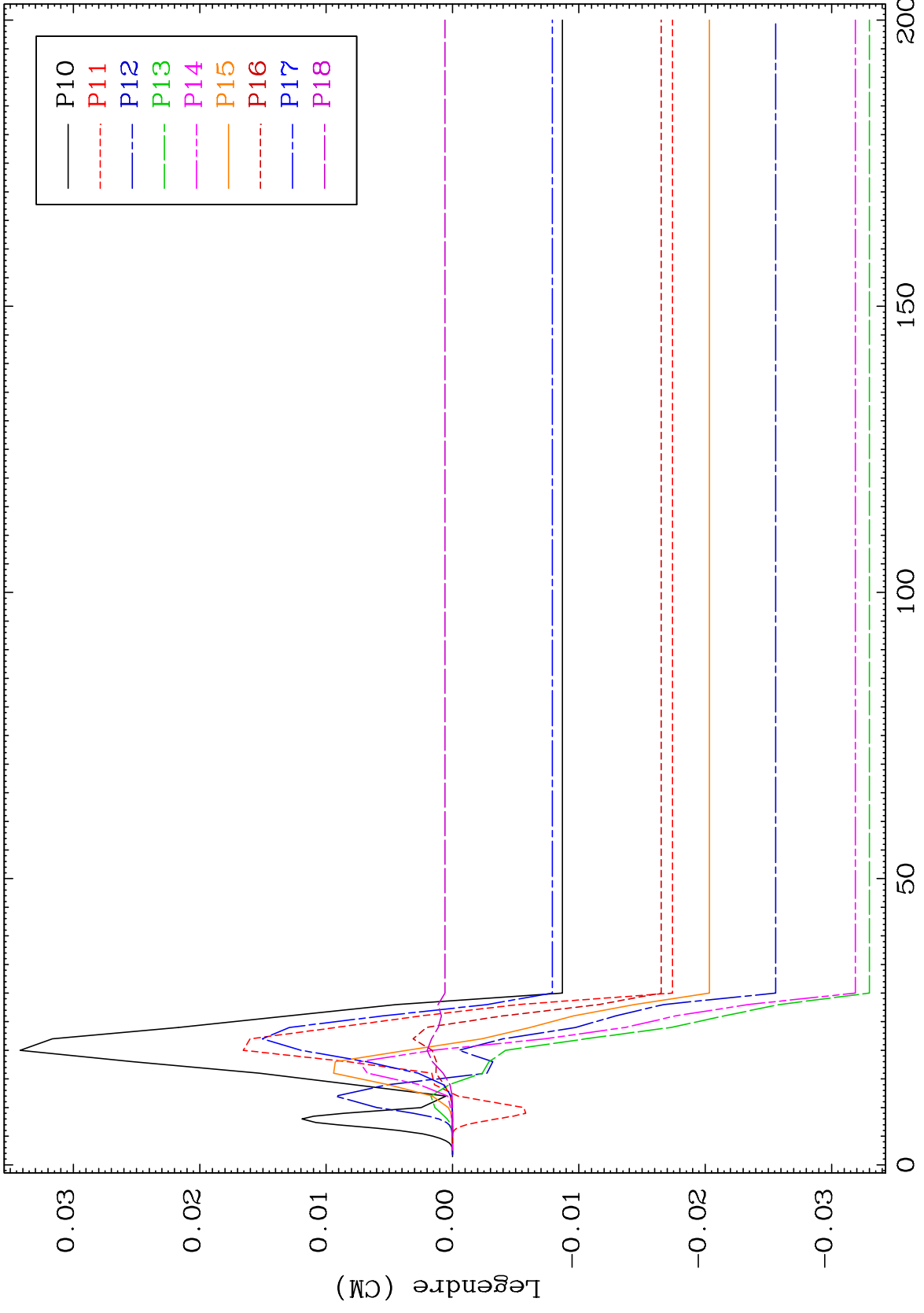


34

Incident Energy (MeV)

81-Tl-181

MAT 8059 MT= 55 (n,n') Level Legendre Coefficients 81-Tl-181

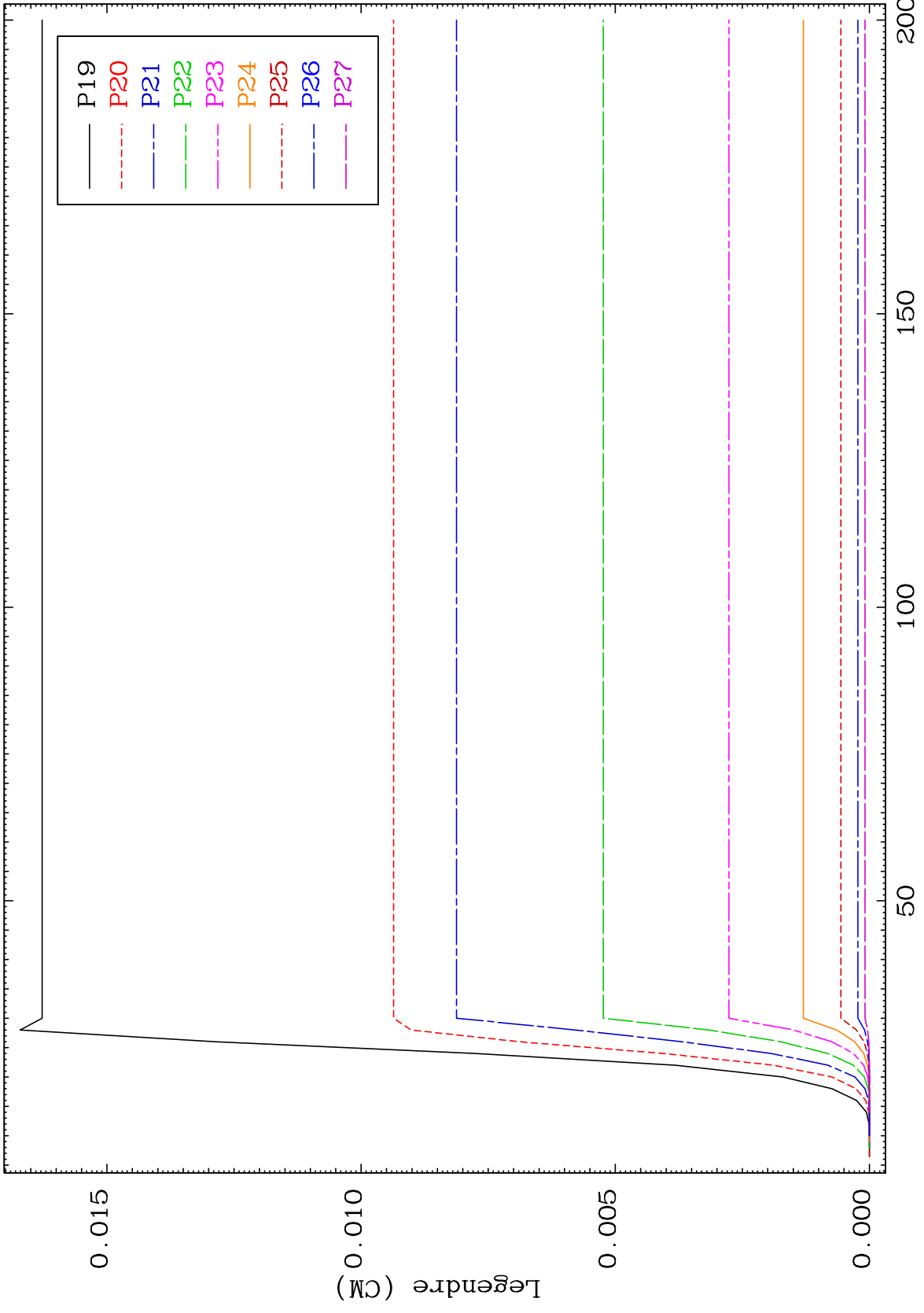


35 Incident Energy (MeV) 81-Tl-181

MAT 8059

MT= 55 (n,n') Level
Legendre Coefficients

81-Tl-181



36

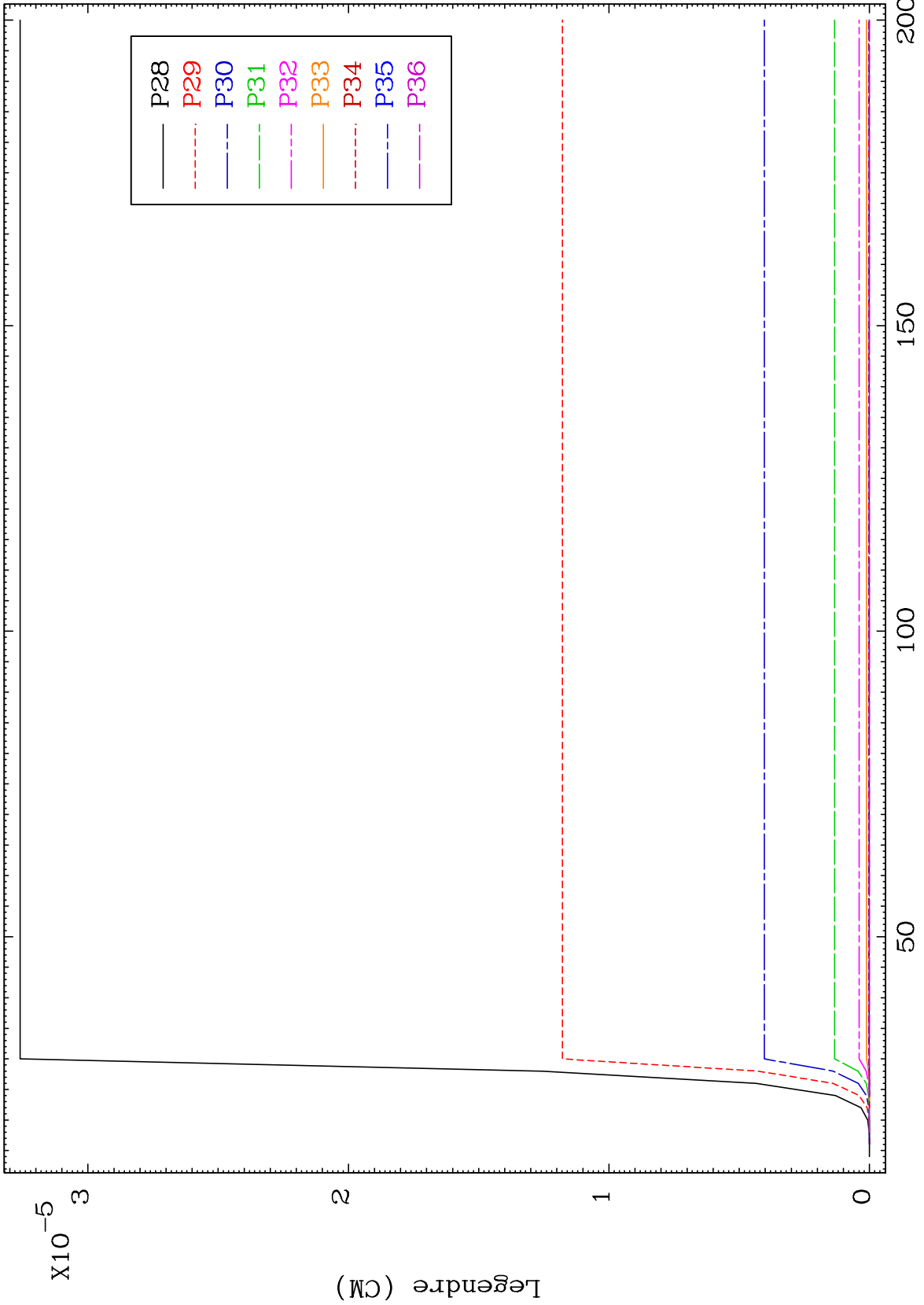
Incident Energy (MeV)

81-Tl-181

MAT 8059

MT= 55 (n,n') Level
Legendre Coefficients

81-T1-181



37

Incident Energy (MeV)

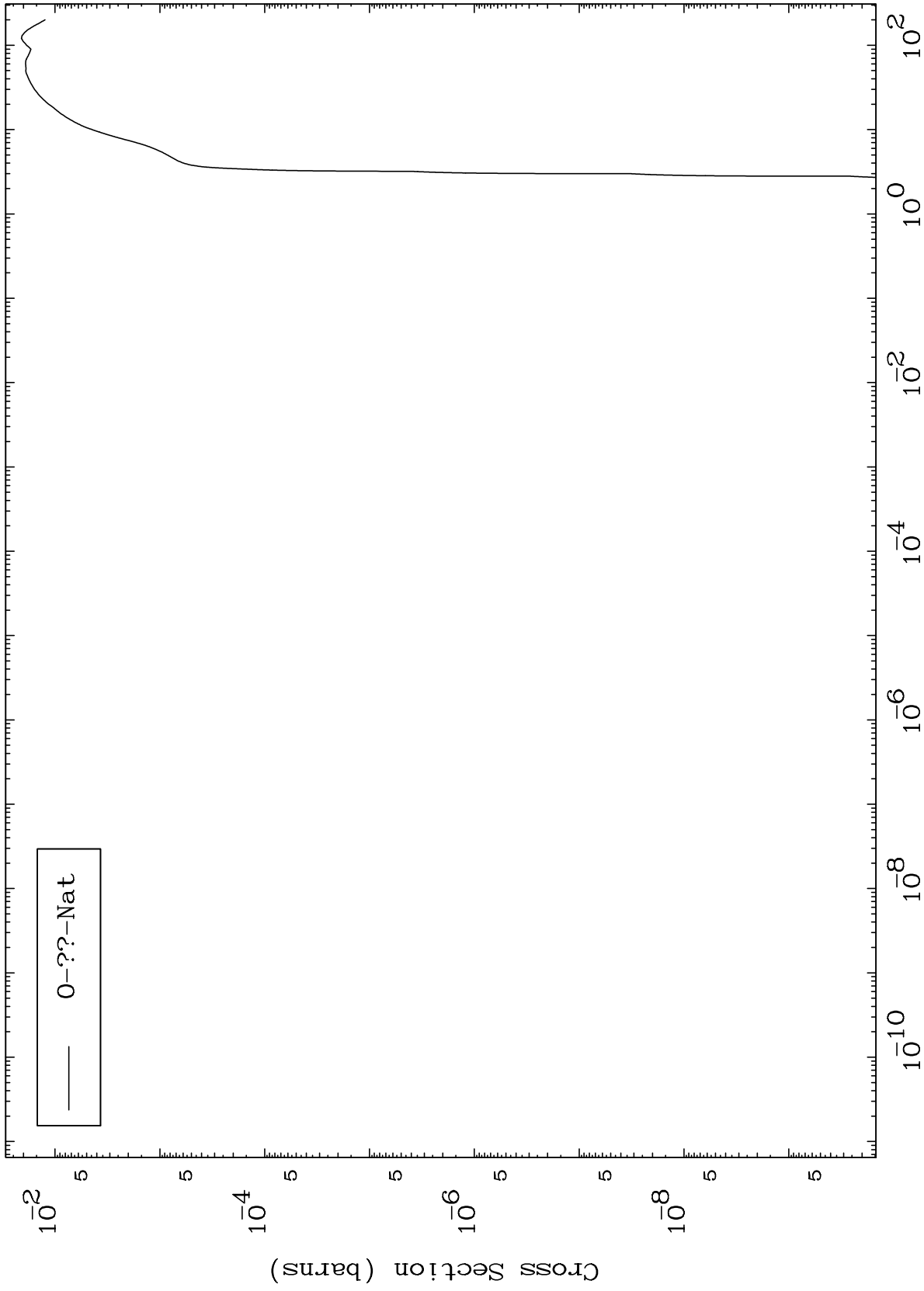
81-T1-181

MAT 8059

Fission

81-Tl-181

Radionuclide Production Cross Section



38

Incident Energy (MeV)

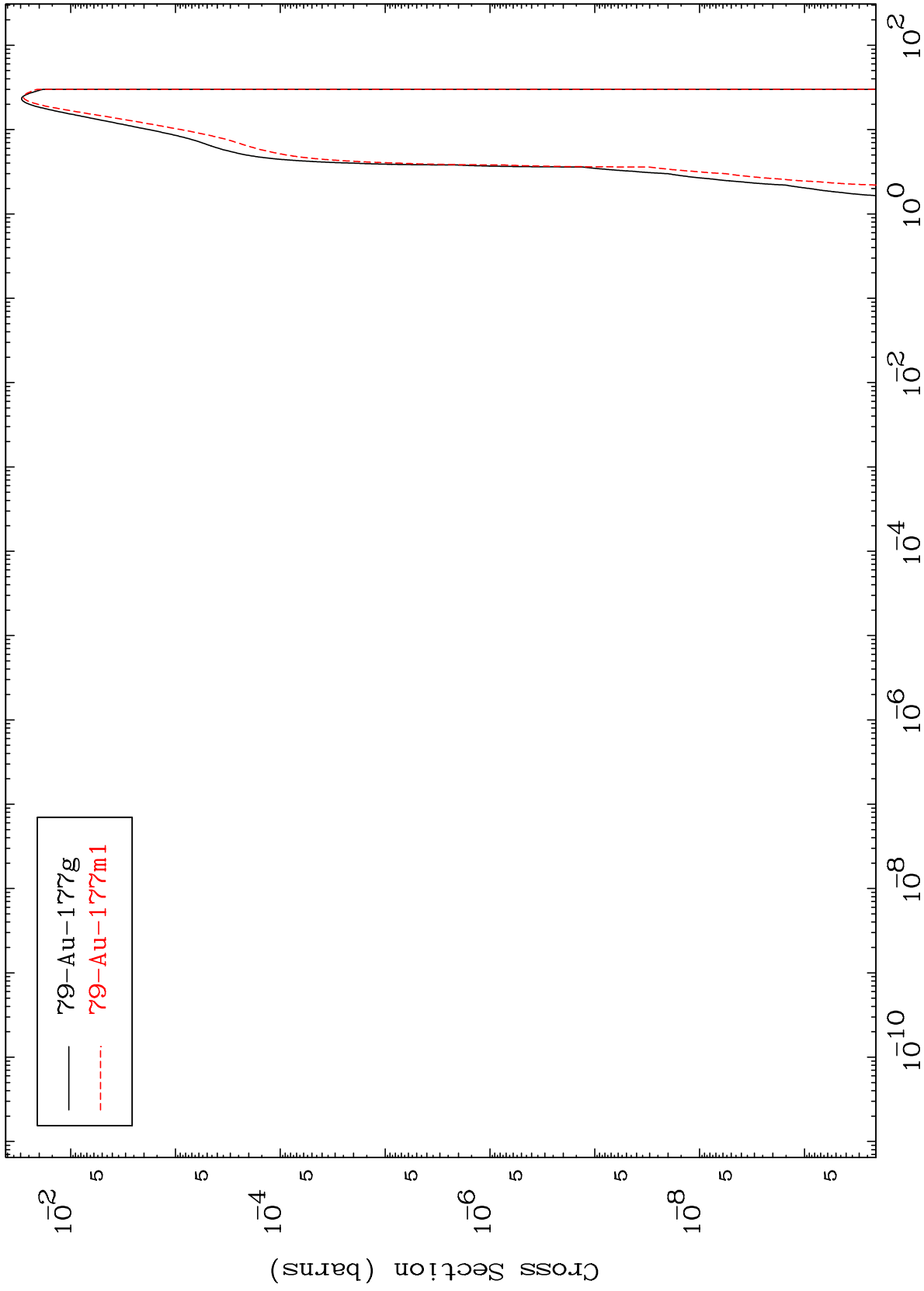
81-Tl-181

MAT 8059

(n,n') α

81-Tl-181

Radionuclide Production Cross Section



39

Incident Energy (MeV)

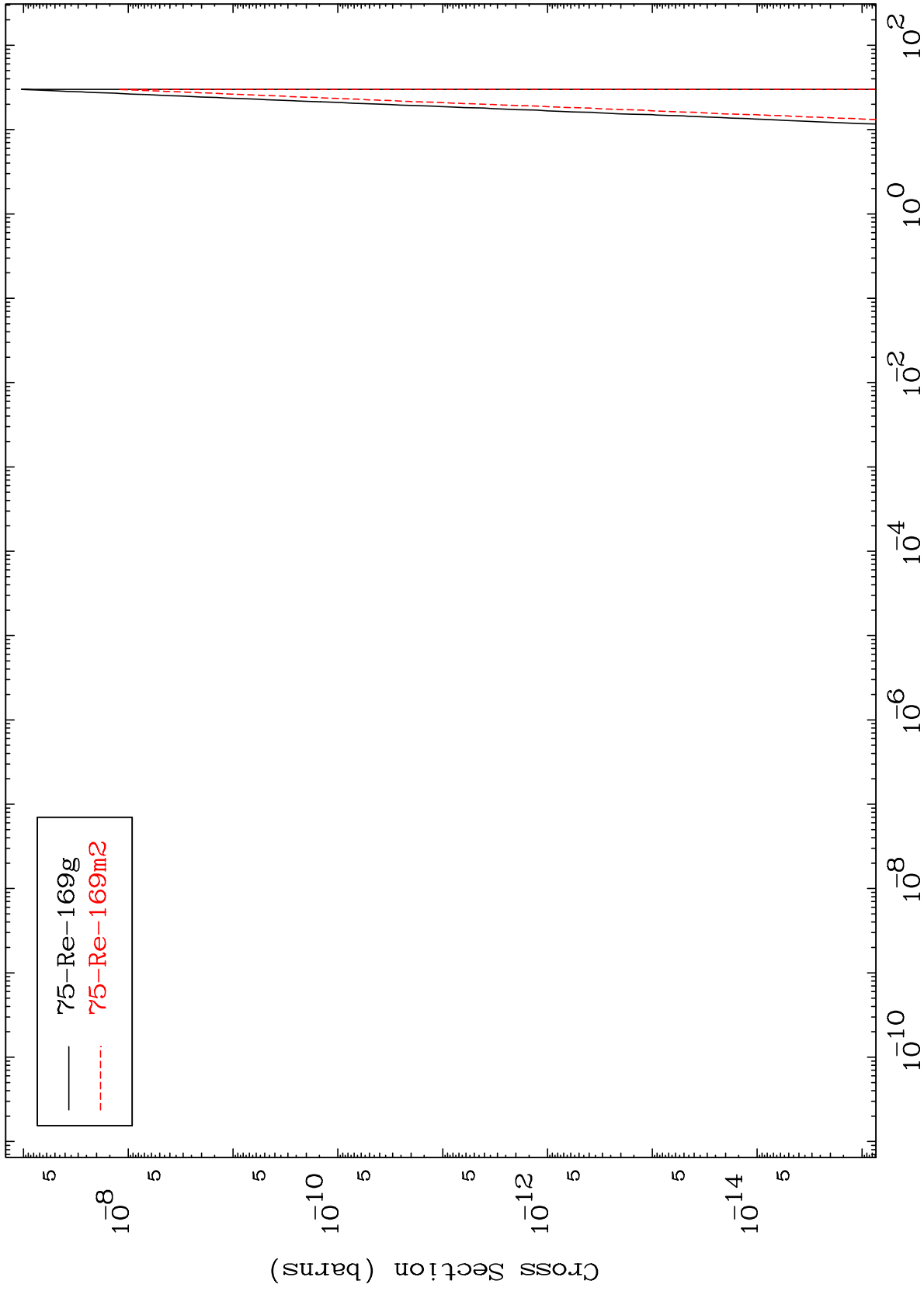
81-Tl-181

MAT 8059

(n,n') 3 α

81-Tl-181

Radionuclide Production Cross Section



40

Incident Energy (MeV)

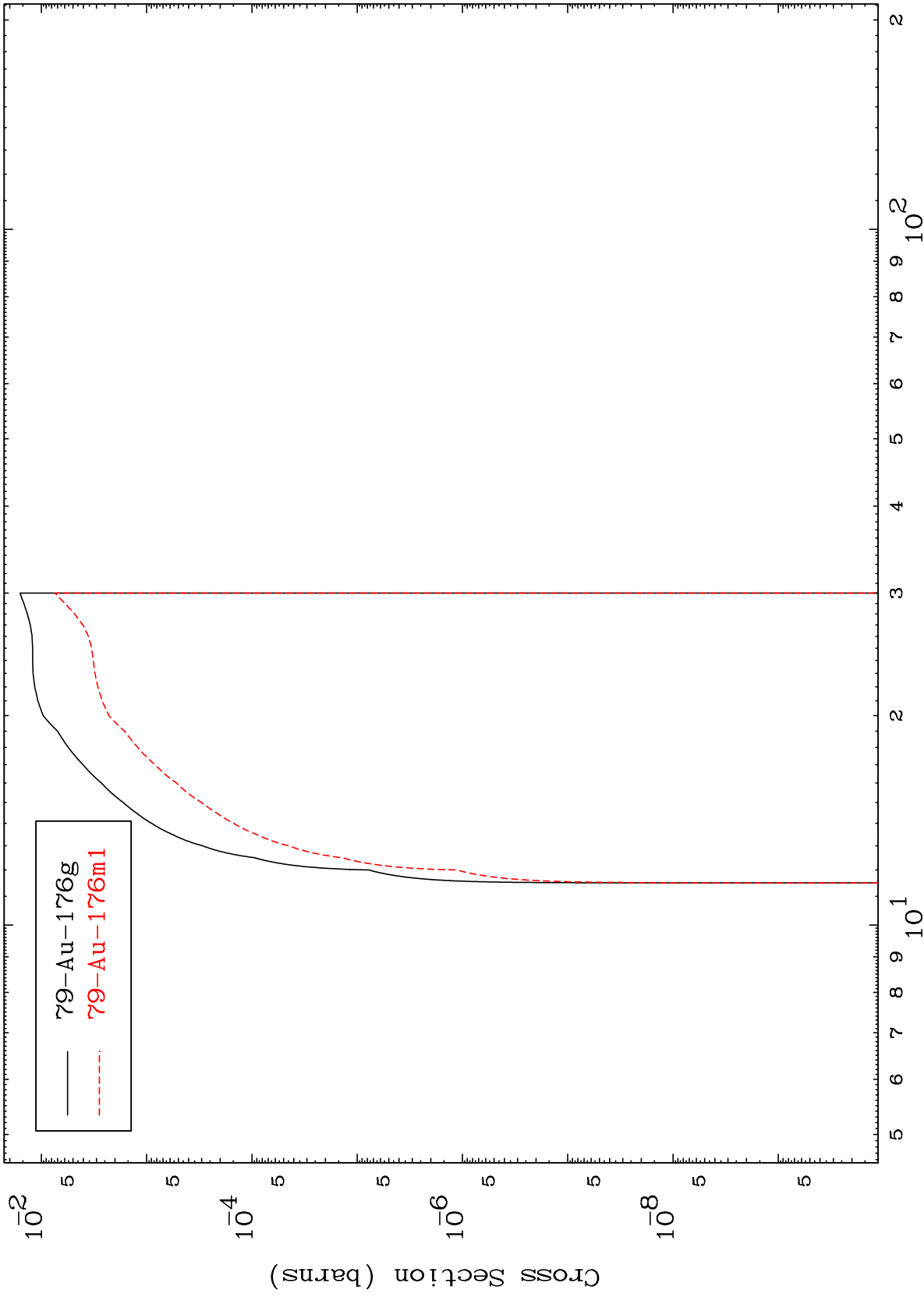
81-Tl-181

MAT 8059

(n,2n) α

81-Tl-181

Radionuclide Production Cross Section



79-Au-176g
79-Au-176m1

41

Incident Energy (MeV)

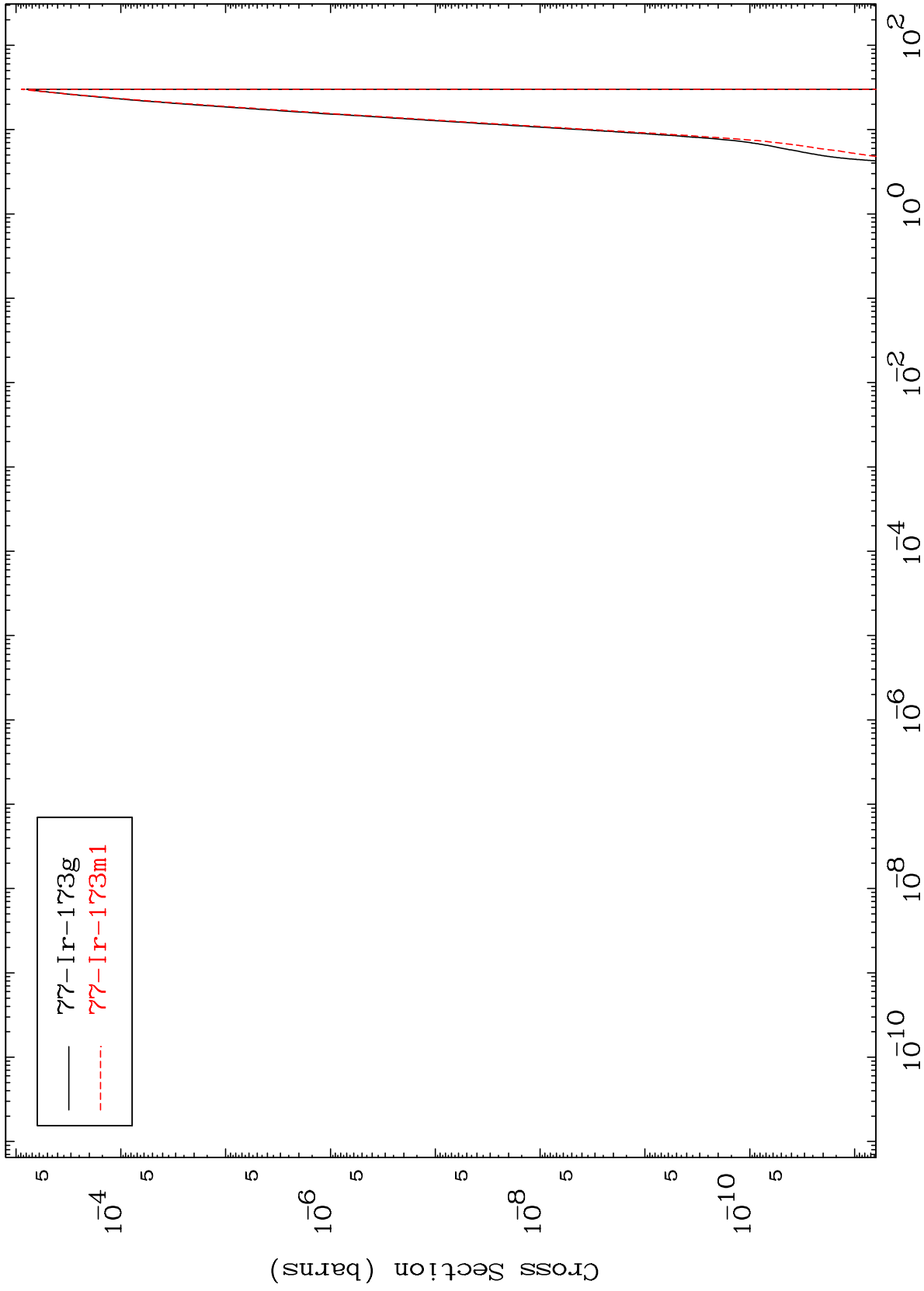
81-Tl-181

MAT 8059

(n,n') 2 α

81-Tl-181

Radionuclide Production Cross Section



42

Incident Energy (MeV)

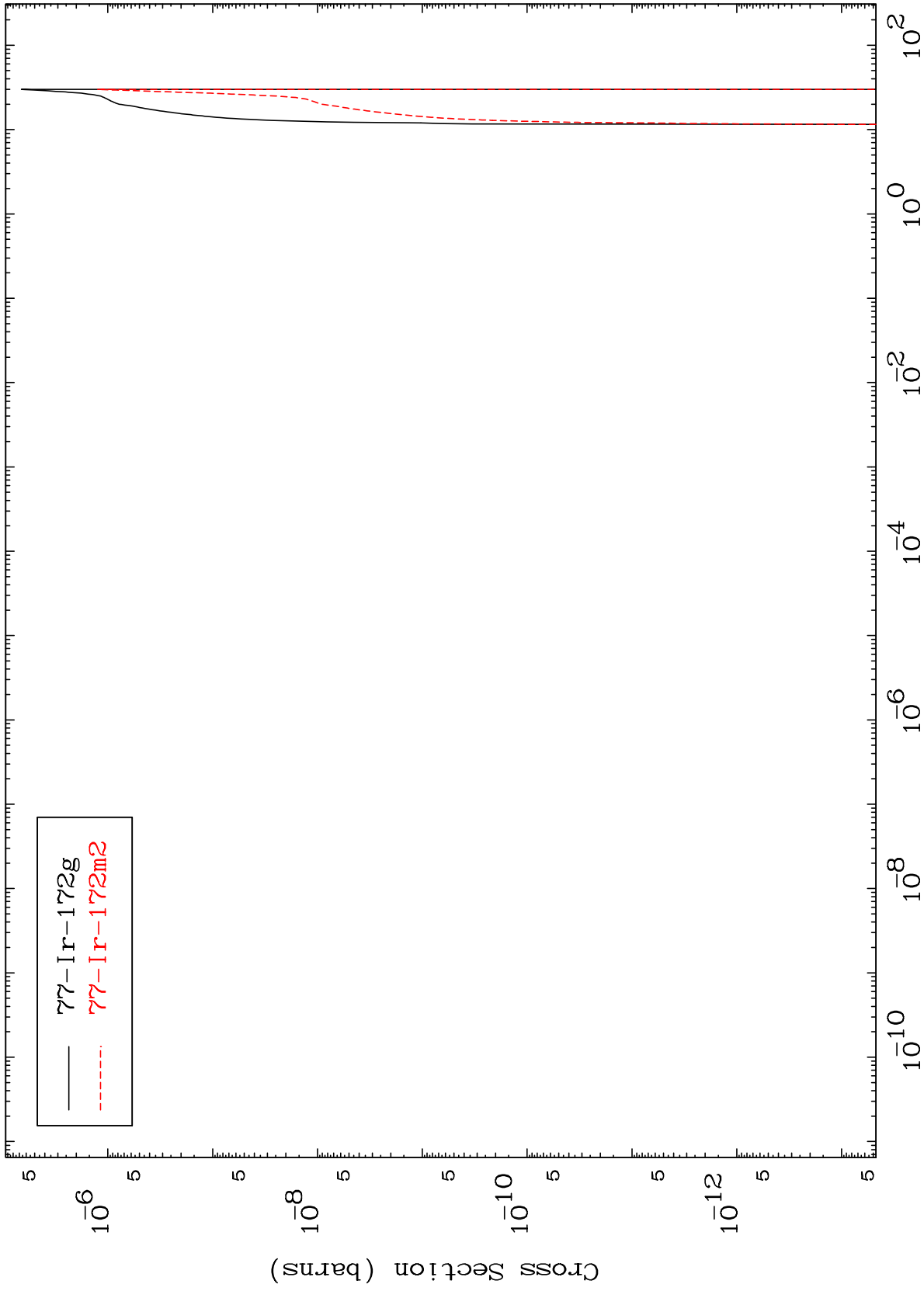
81-Tl-181

MAT 8059

(n,2n) 2 α

81-Tl-181

Radionuclide Production Cross Section



43

Incident Energy (MeV)

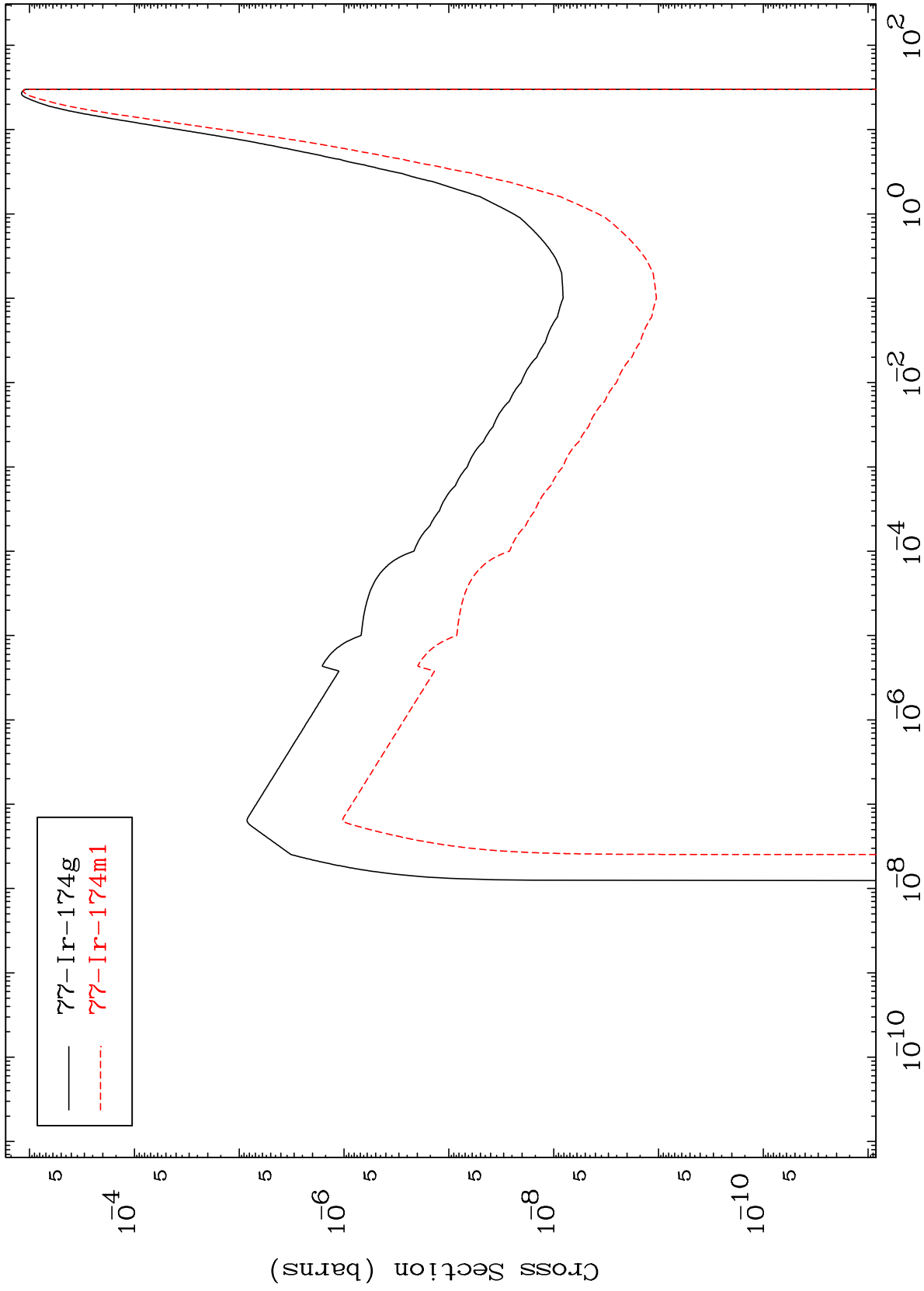
81-Tl-181

MAT 8059

(n,2α)

81-Tl-181

Radionuclide Production Cross Section



44

Incident Energy (MeV)

81-Tl-181