

Program EVALPLOT
(Version 2021-1)

by

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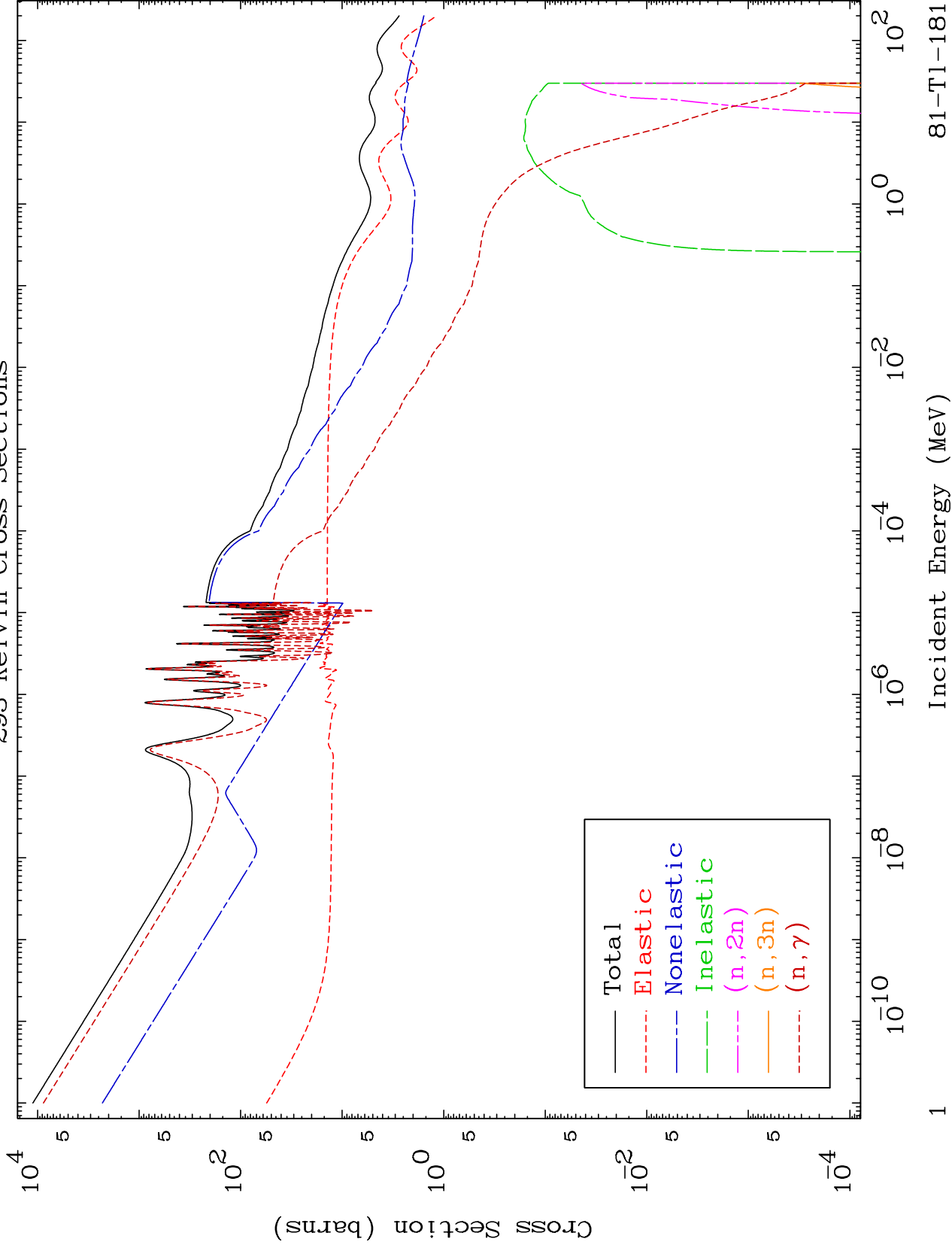
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8059

Neutron Major
293 Kelvin Cross Sections

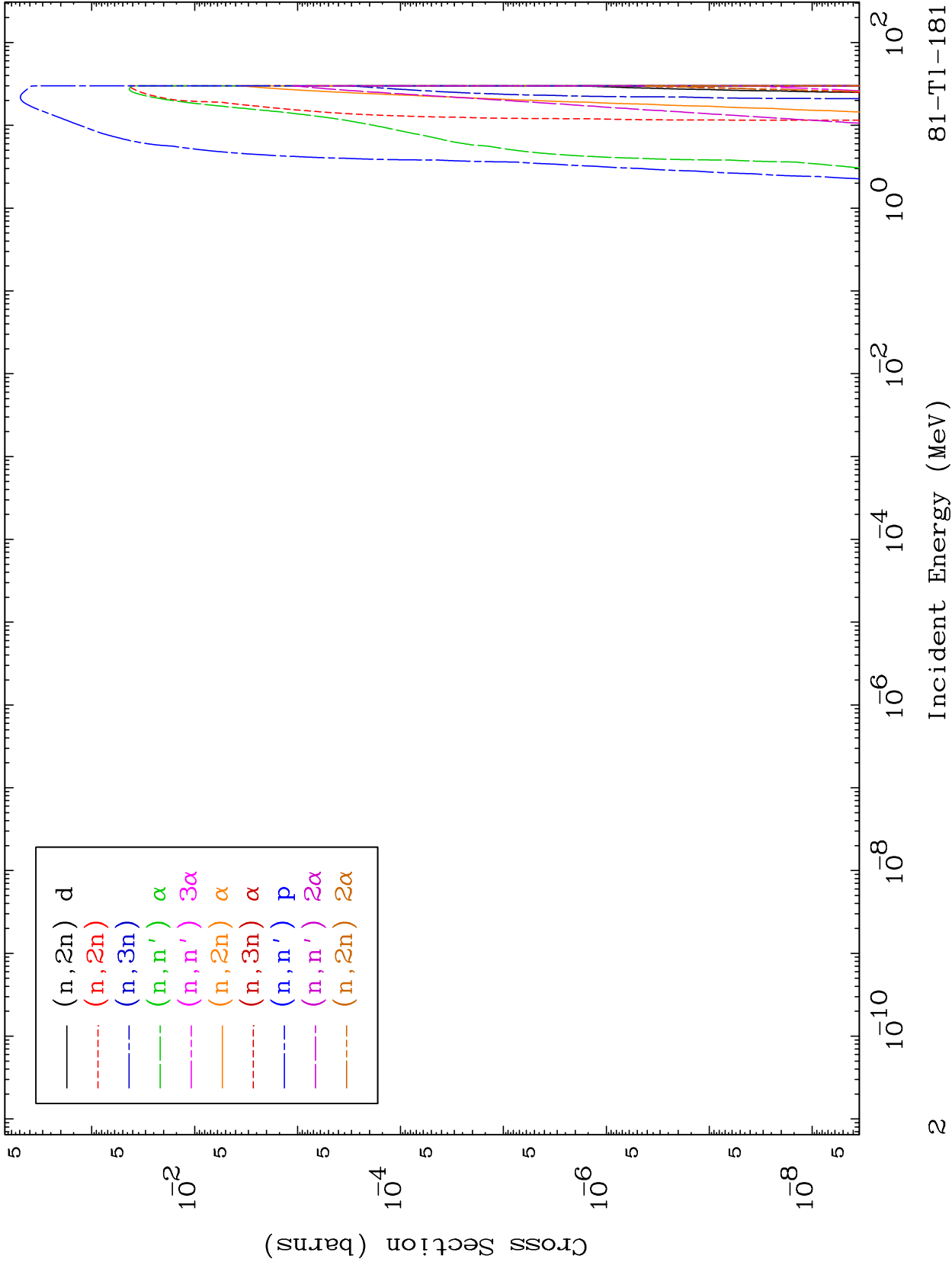
81-Tl-181



MAT 8059

Neutron Absorption
293 Kelvin Cross Sections

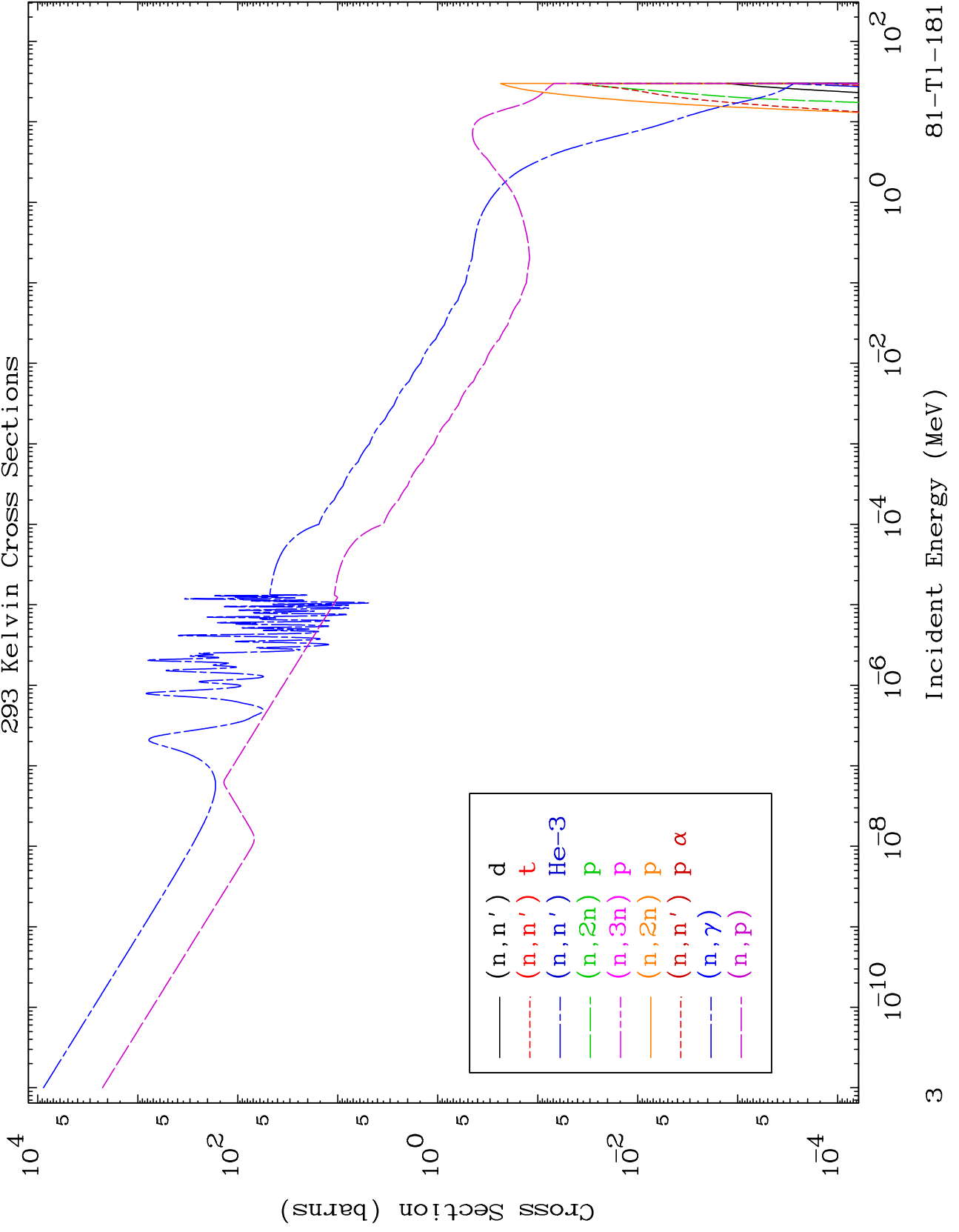
81-Tl-181

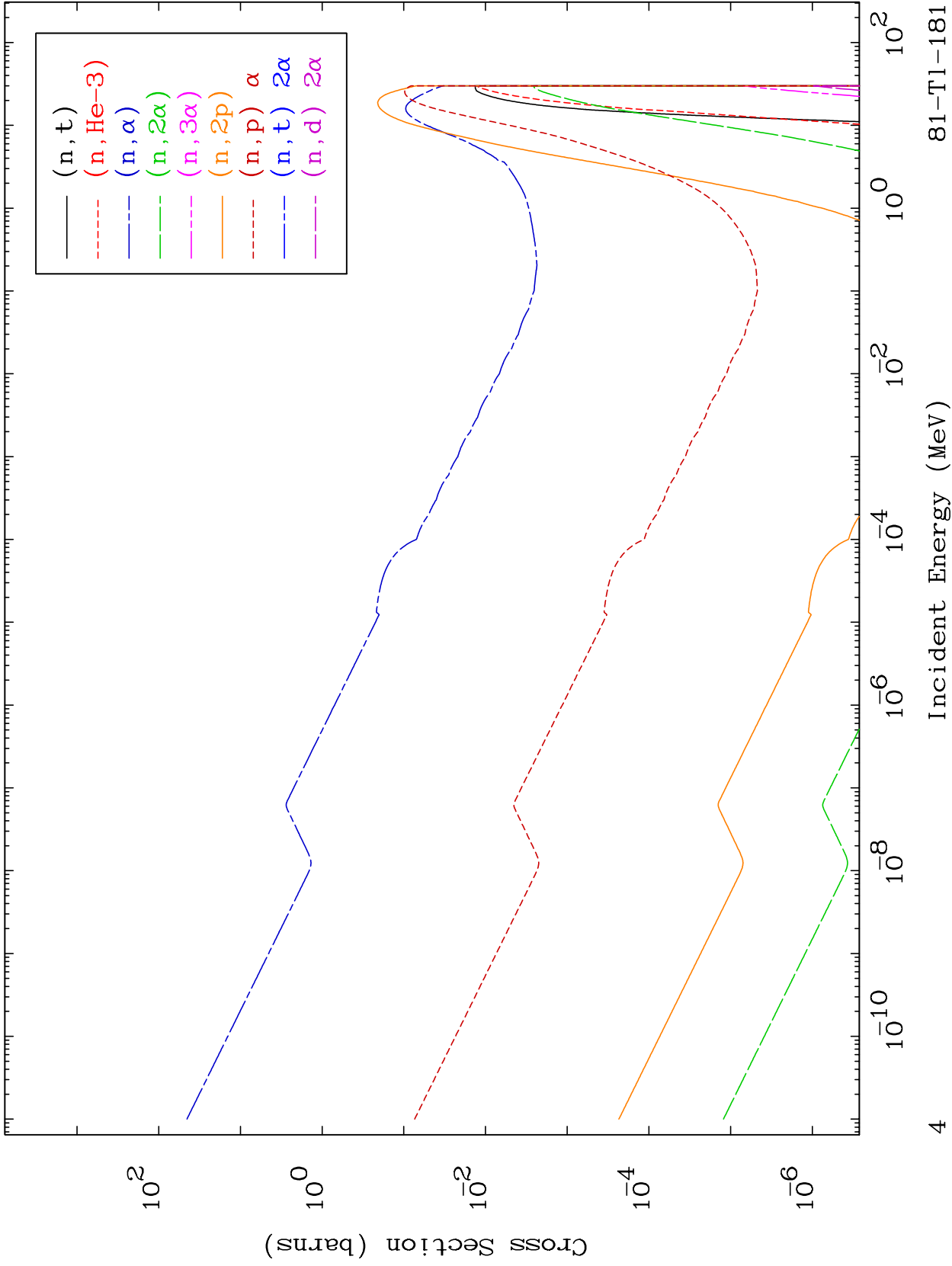


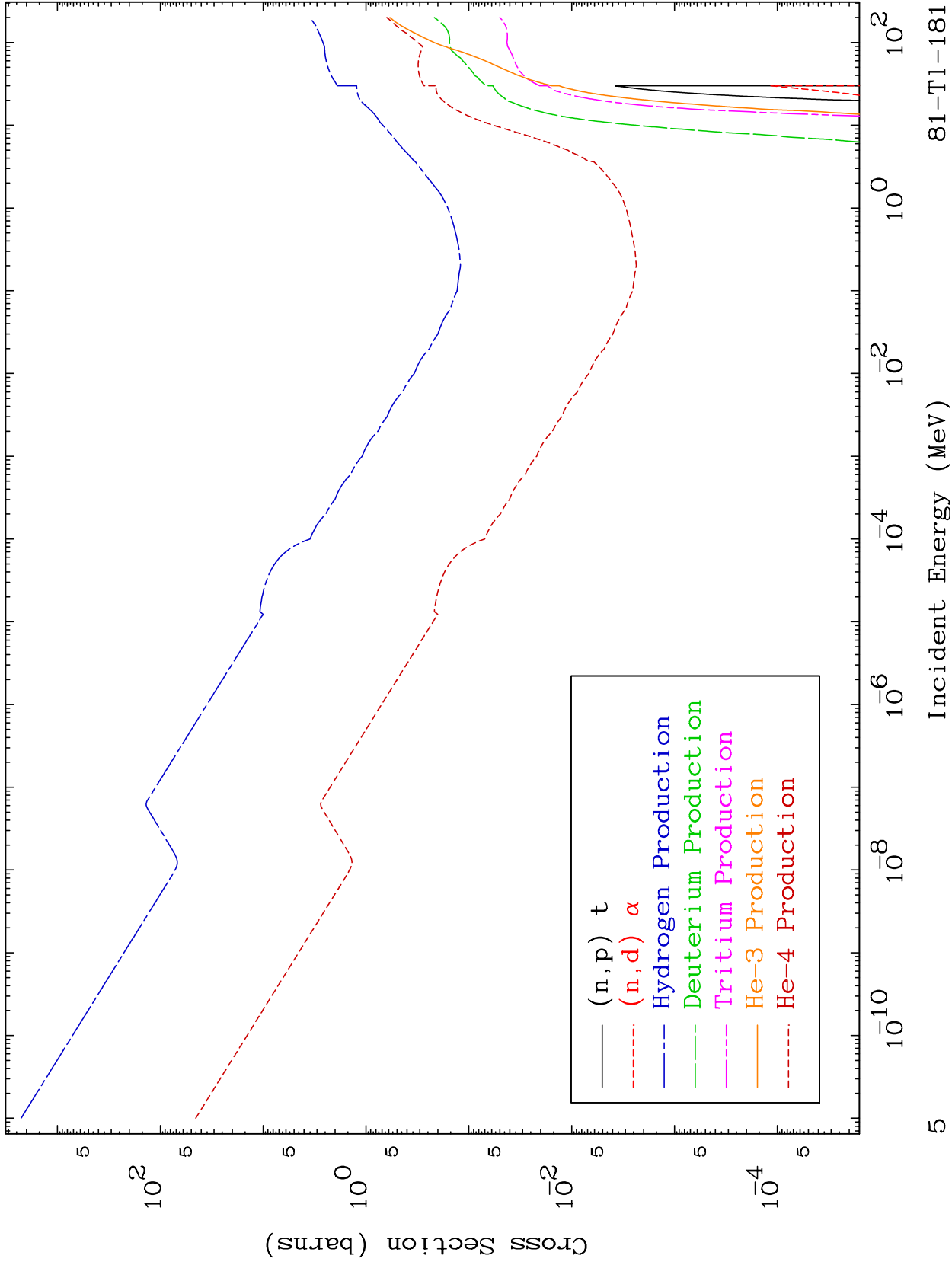
MAT 8059

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-181



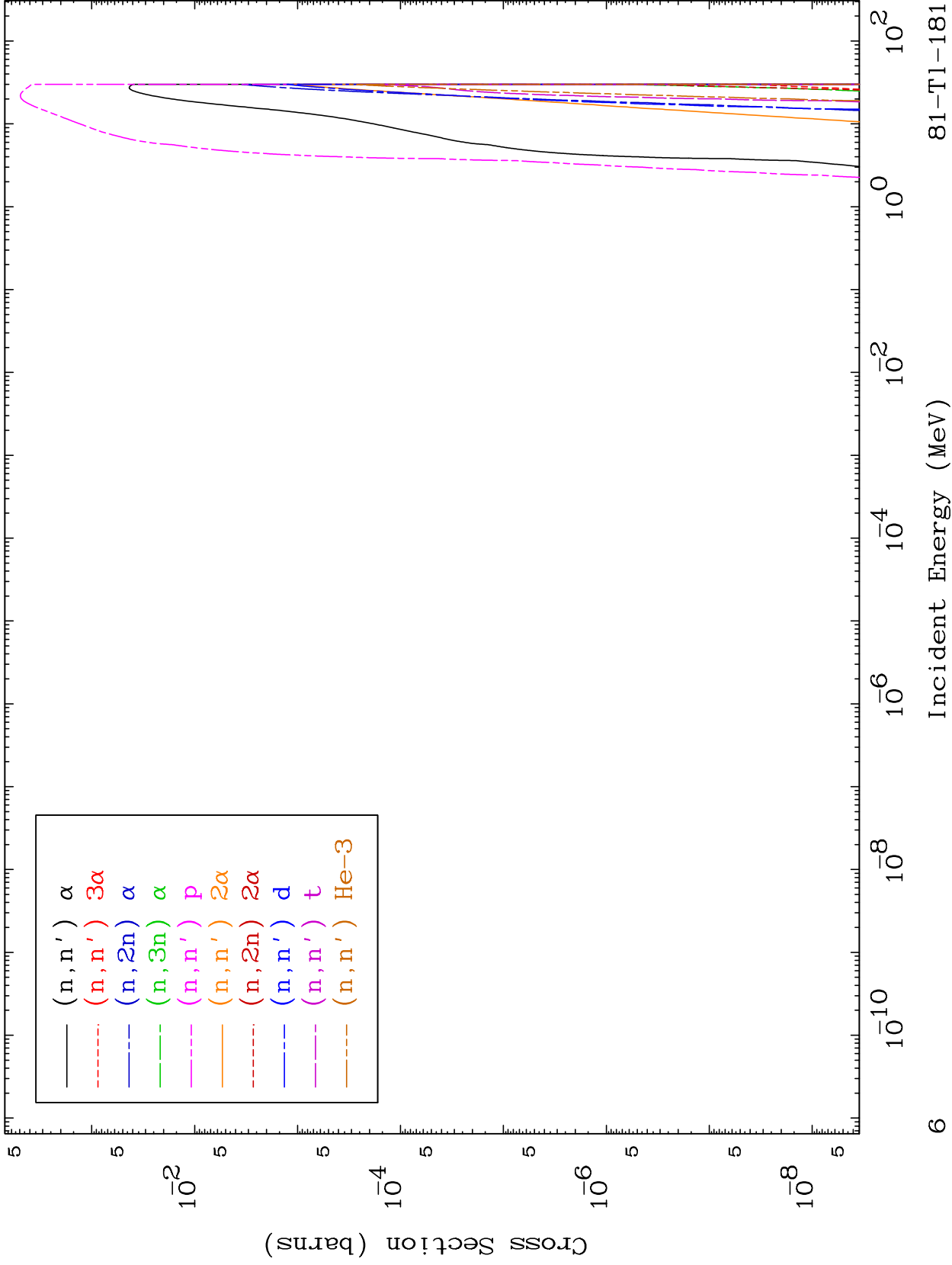




MAT 8059

Charged Particle
293 Kelvin Cross Sections

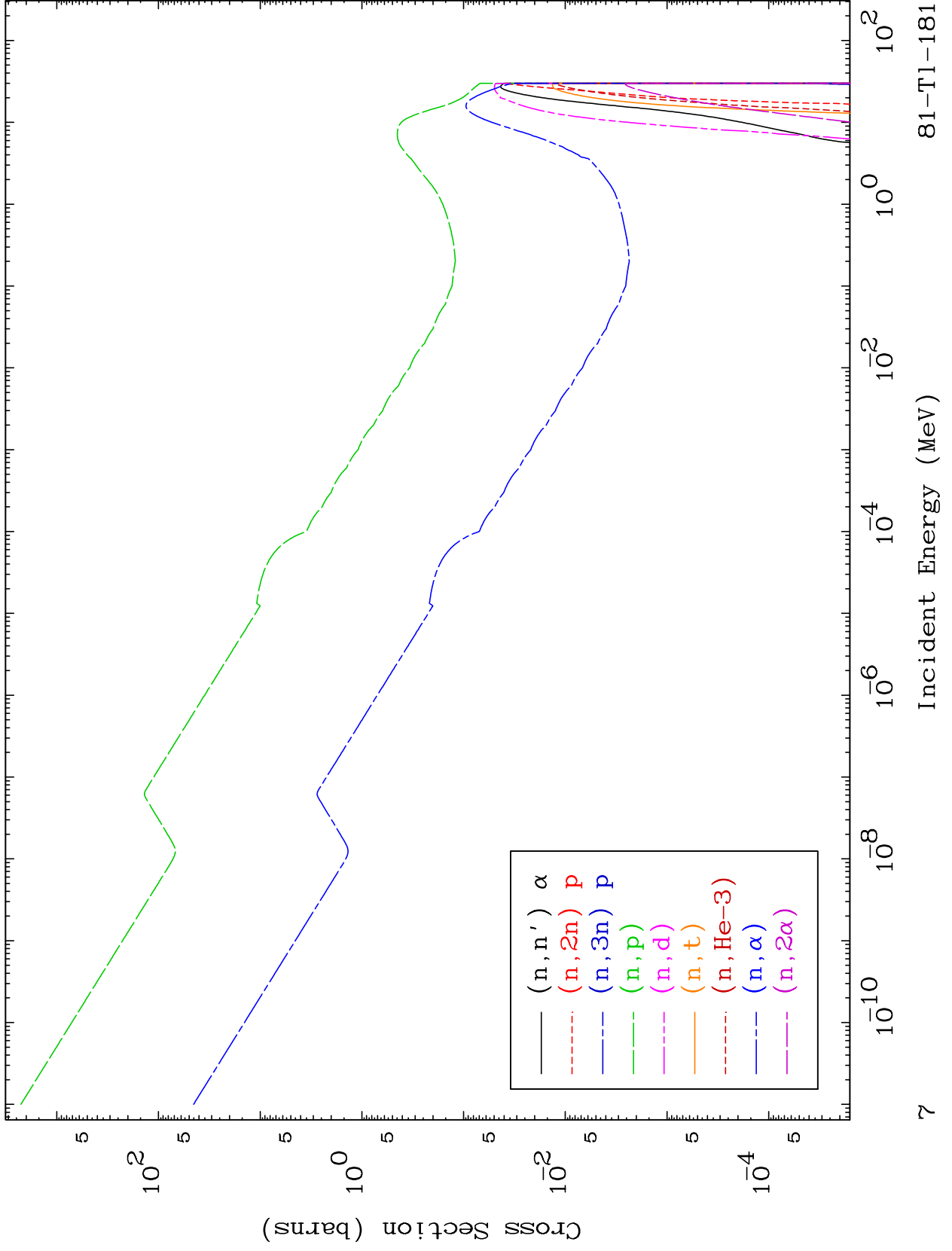
81-Tl-181



MAT 8059

Charged Particle
293 Kelvin Cross Sections

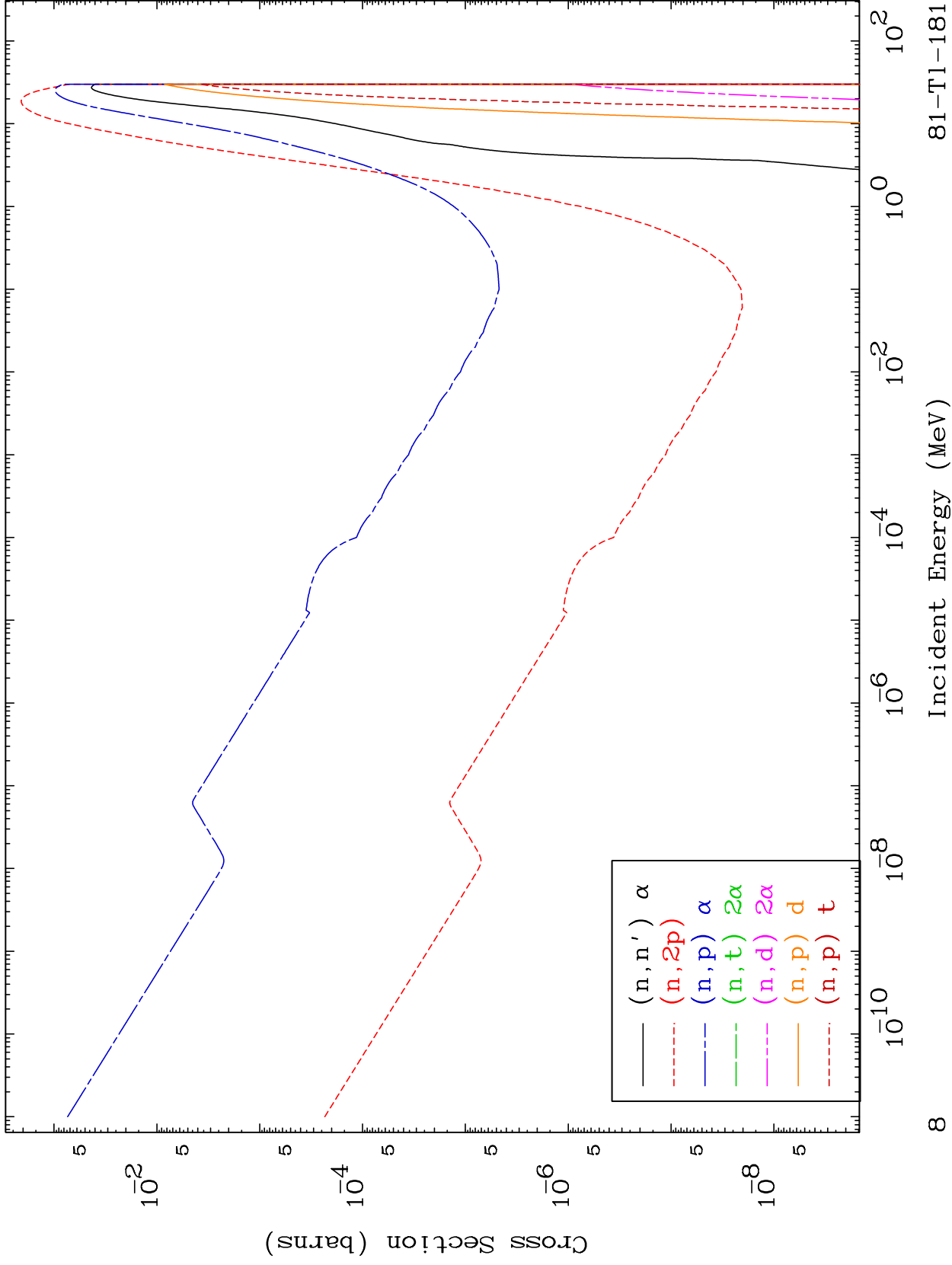
81-Tl-181

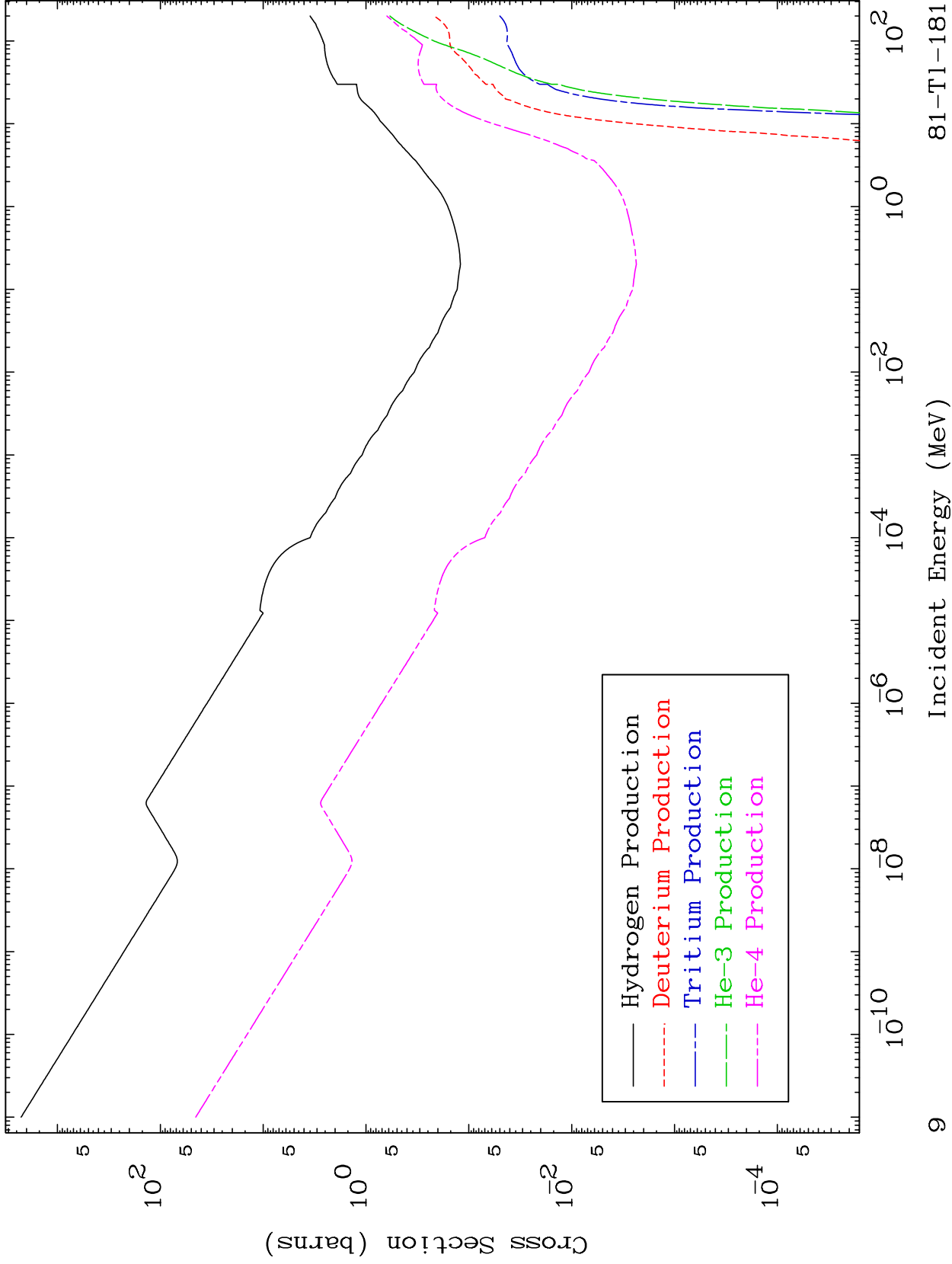


MAT 8059

Charged Particle
293 Kelvin Cross Sections

81-Tl-181

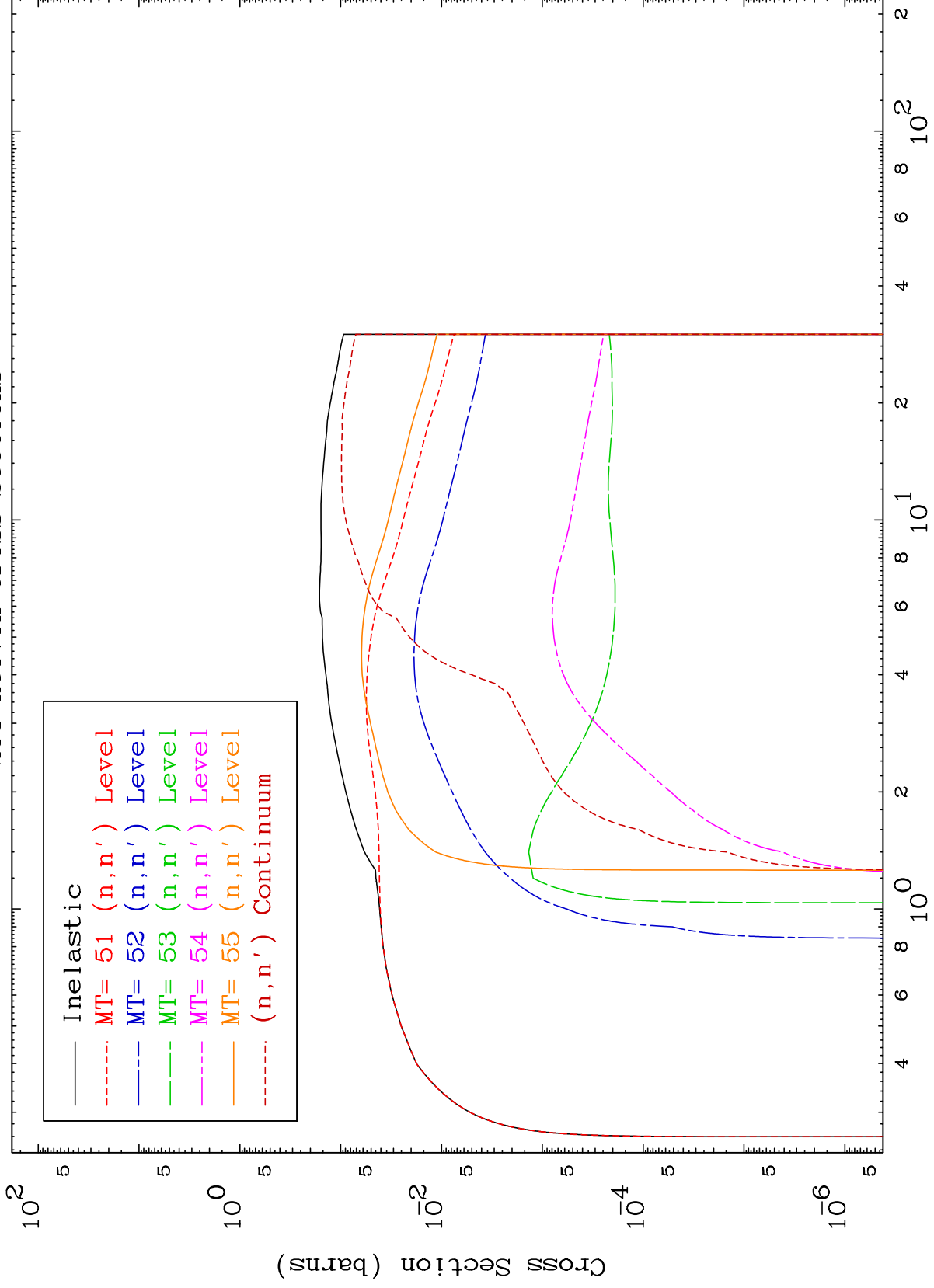




MAT 8059

(n,n') Levels
293 Kelvin Cross Sections

81-Tl-181



10

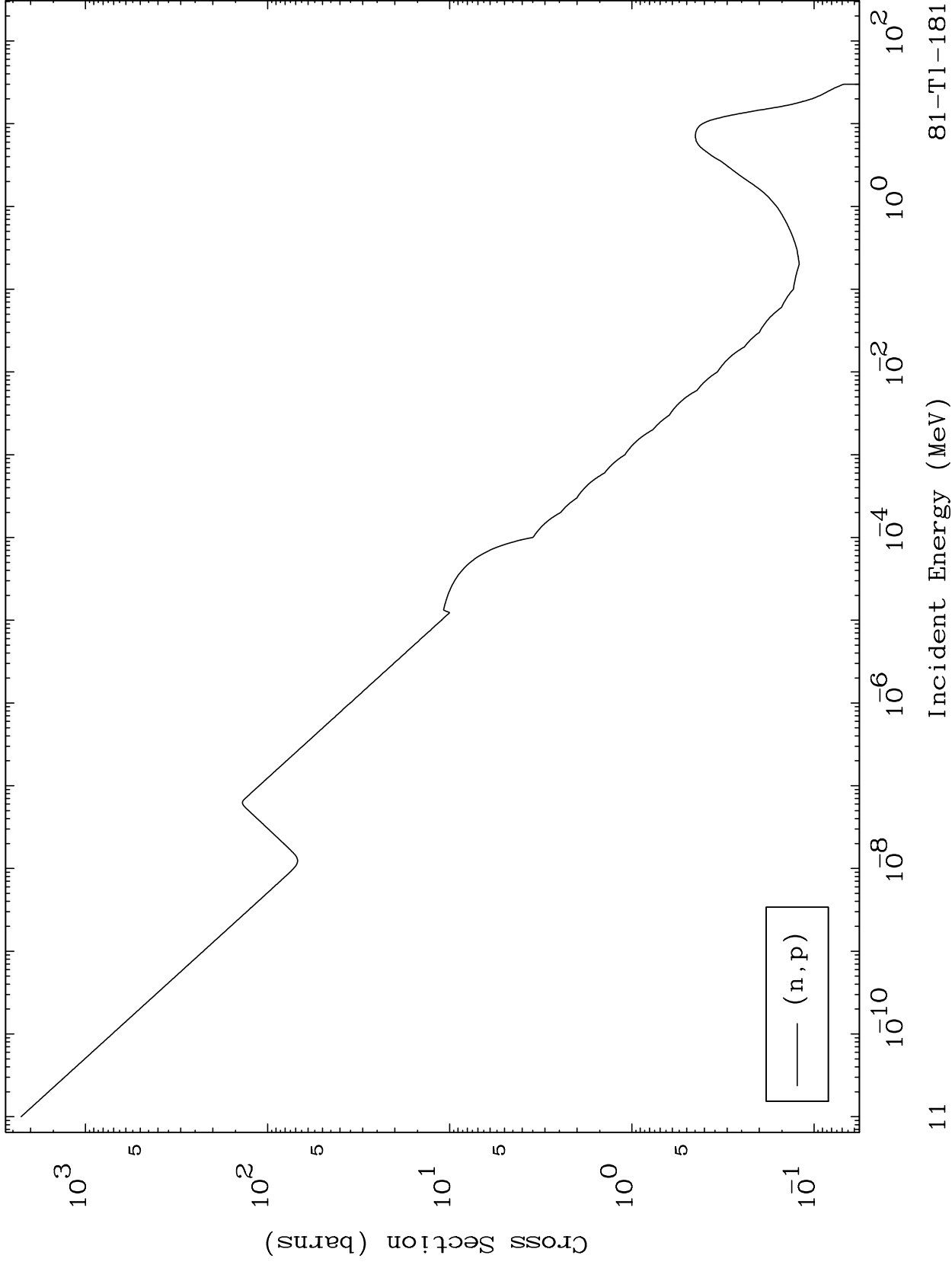
Incident Energy (MeV)

81-Tl-181

MAT 8059

(n,p) Levels
293 Kelvin Cross Sections

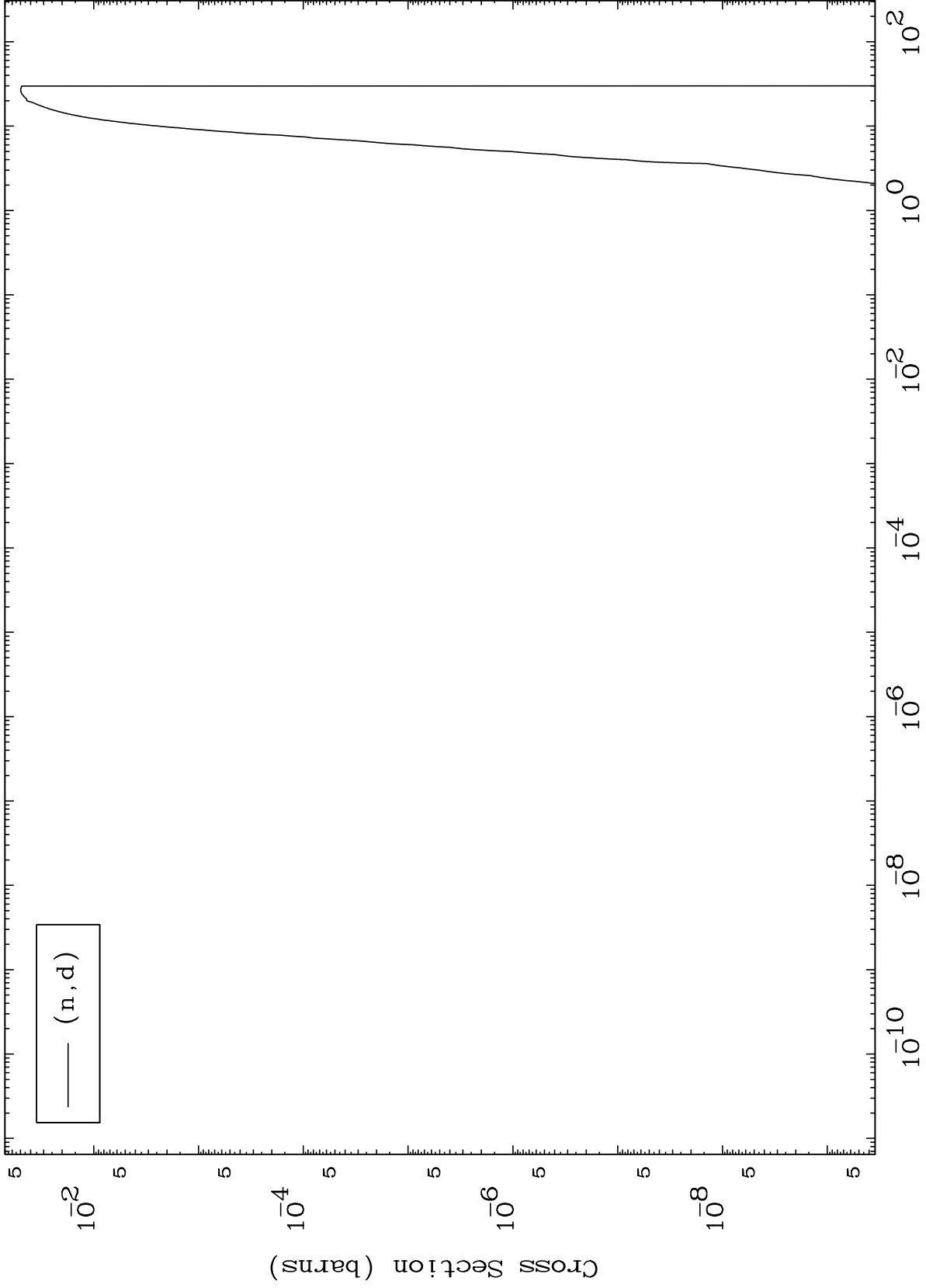
81-Tl-181



MAT 8059

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-181



12

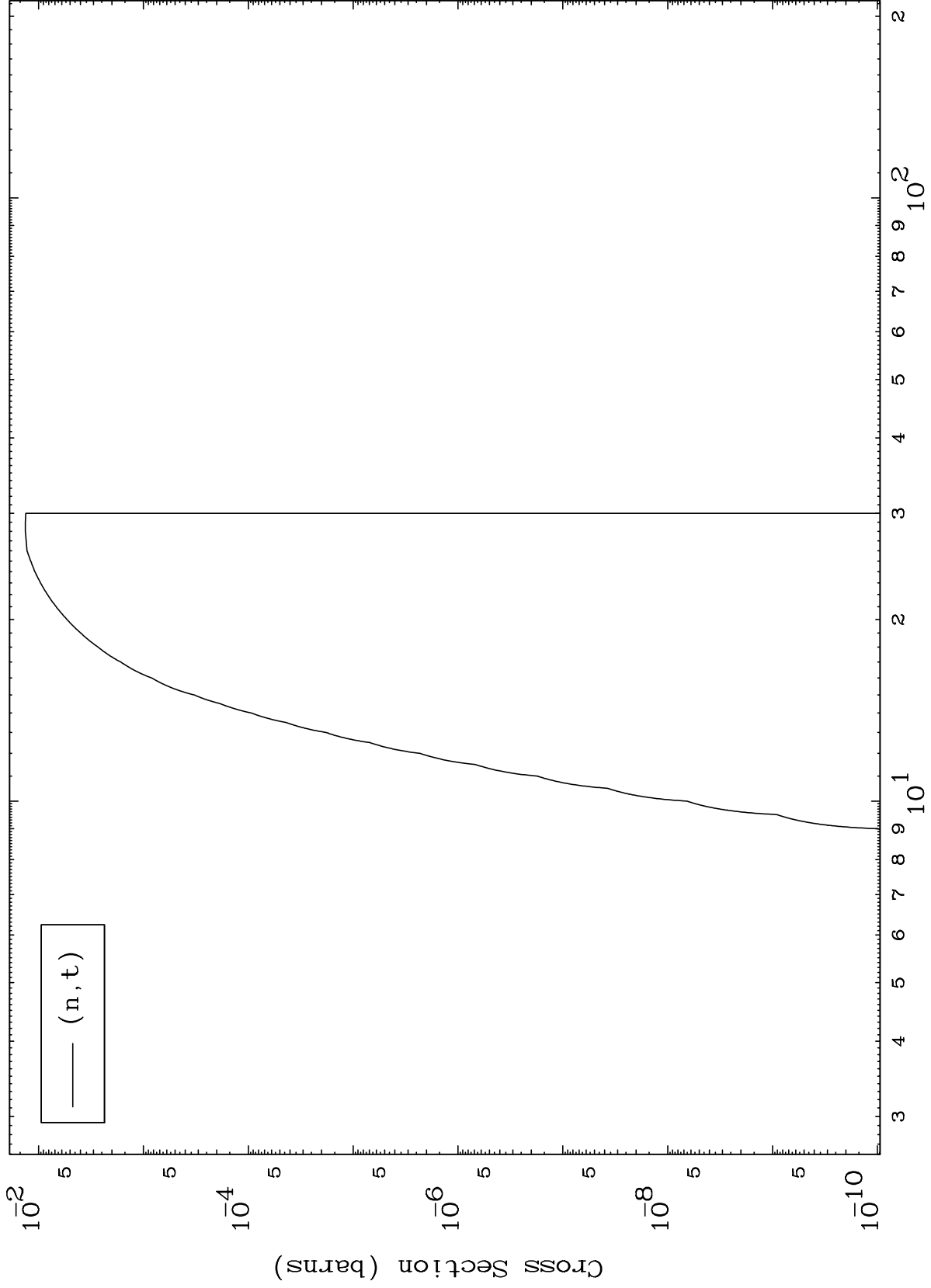
Incident Energy (MeV)

81-Tl-181

MAT 8059

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-181



(n,t)

13

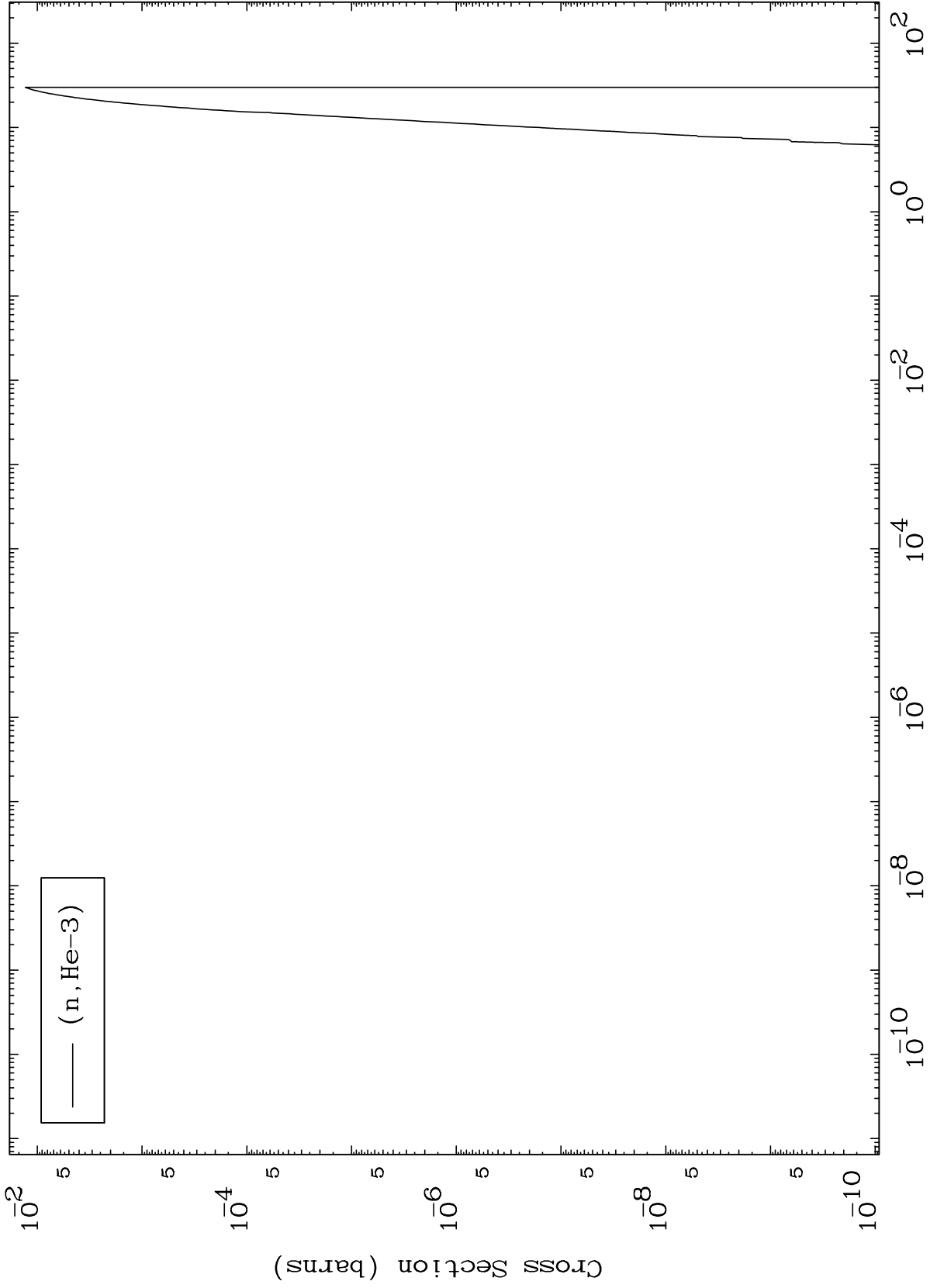
Incident Energy (MeV)

81-Tl-181

MAT 8059

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-181



14

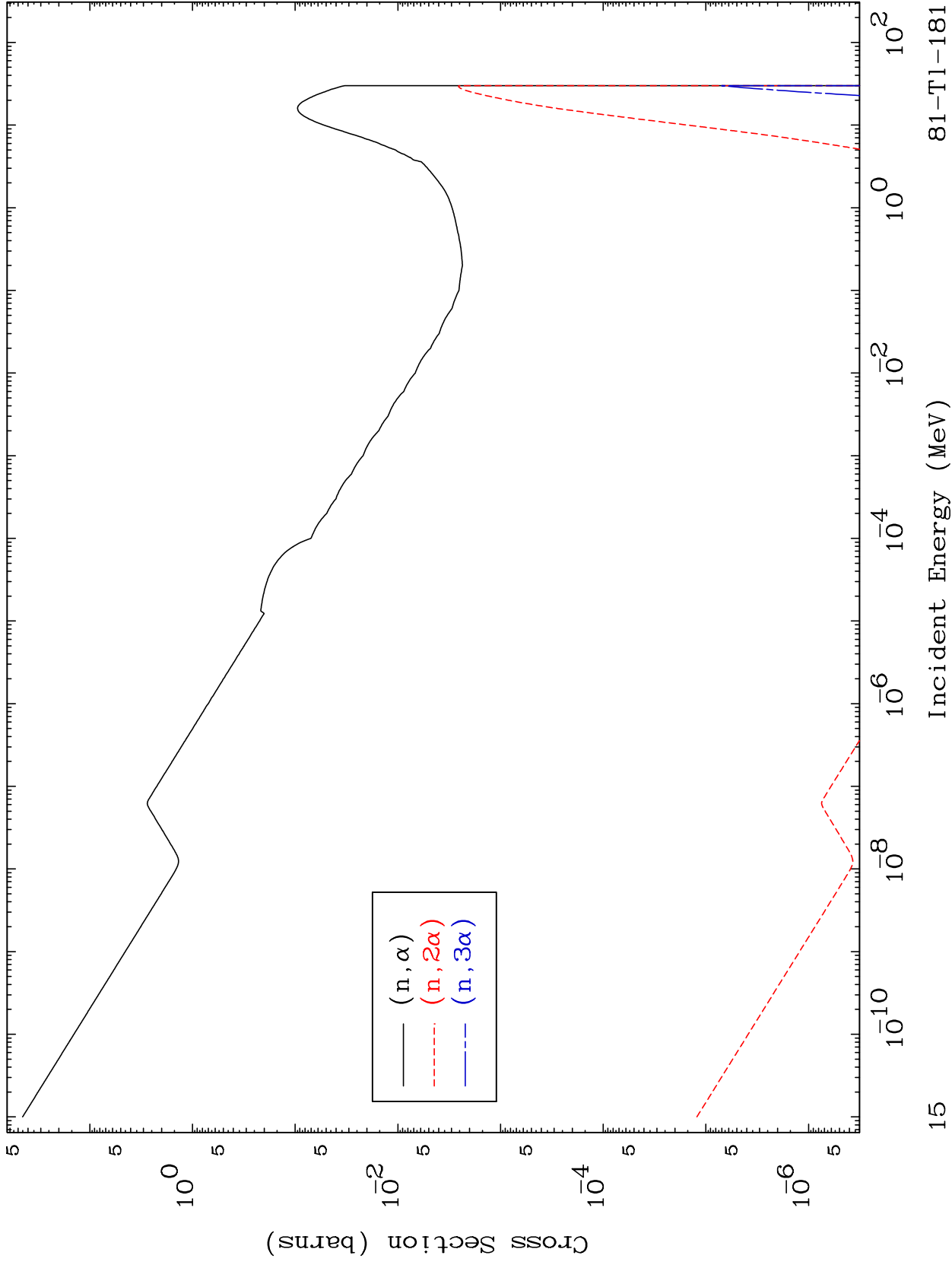
Incident Energy (MeV)

81-Tl-181

MAT 8059

(n, α) Levels
293 Kelvin Cross Sections

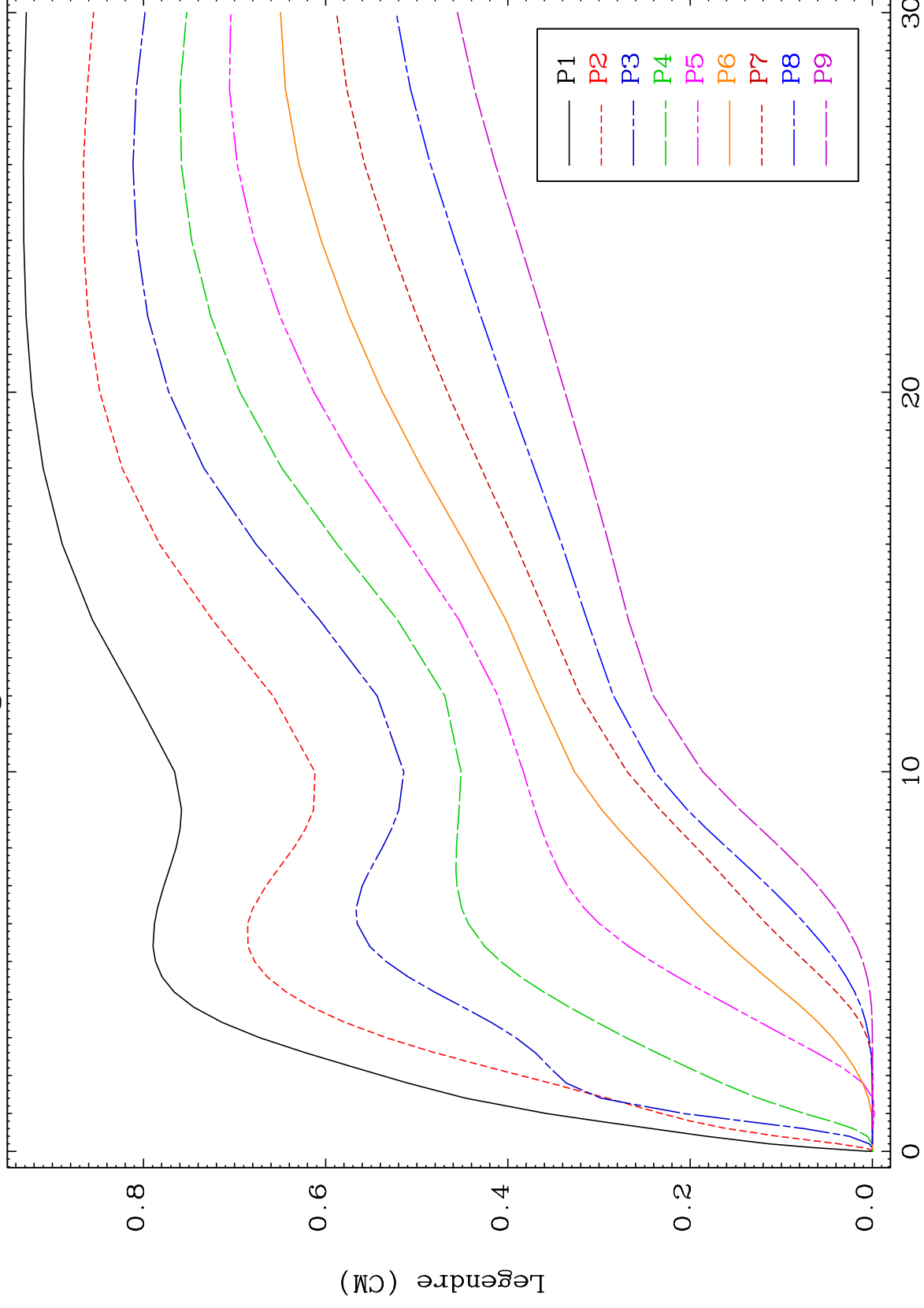
81-Tl-181



MAT 8059

Elastic Legendre Coefficients

81-Tl-181



16

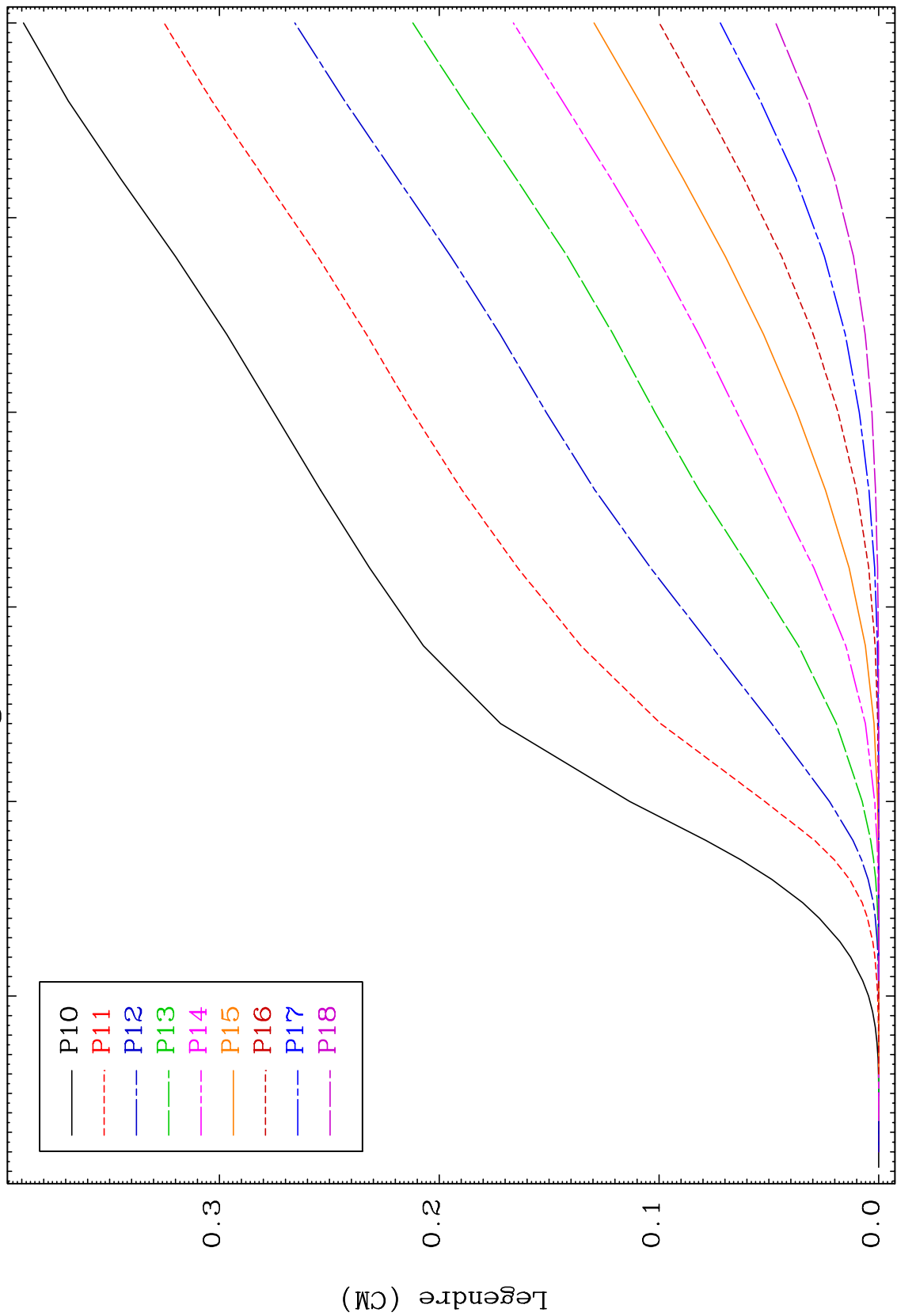
Incident Energy (MeV)

81-Tl-181

MAT 8059

Elastic Legendre Coefficients

81-Tl-181



17

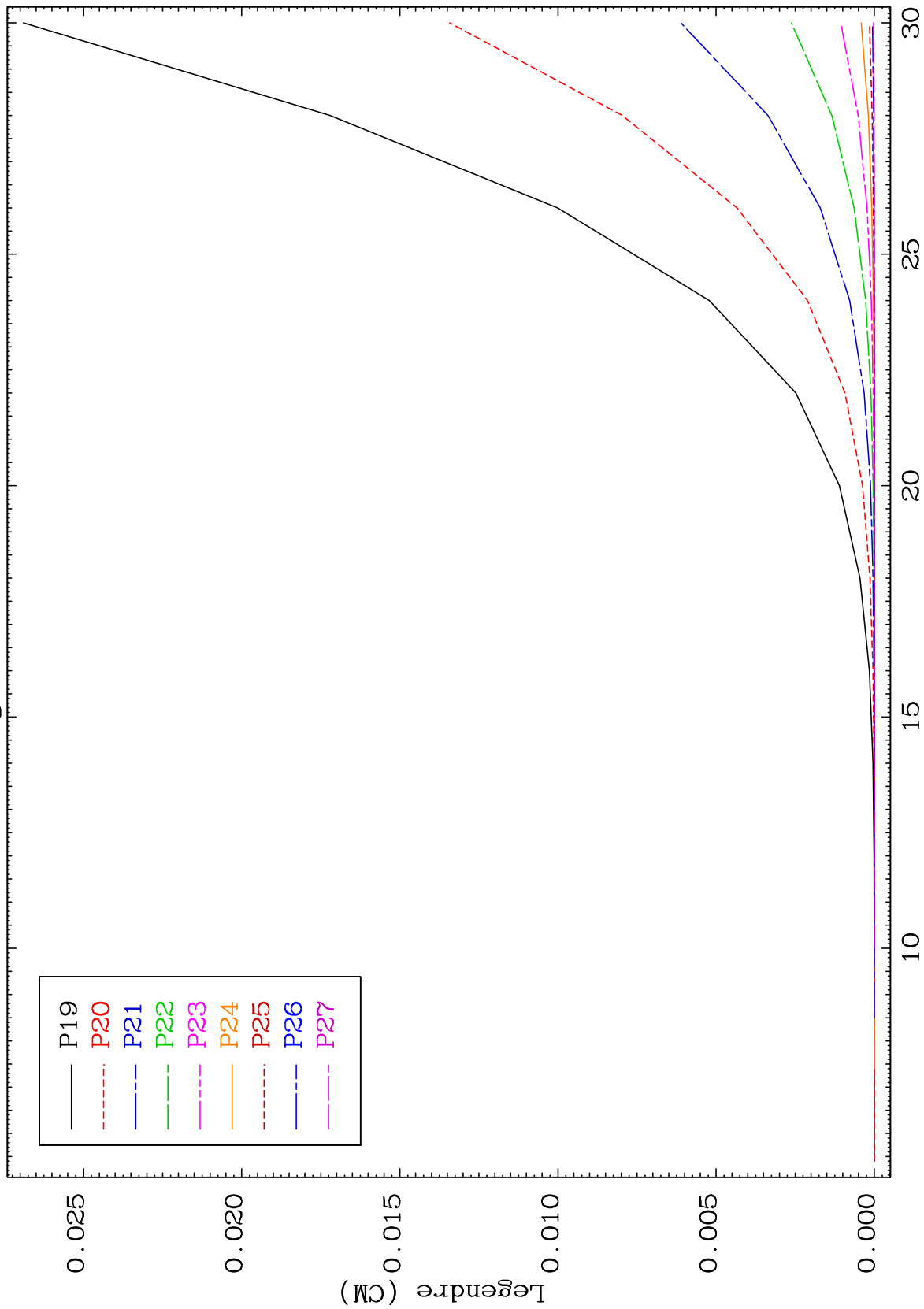
Incident Energy (MeV)

81-Tl-181

MAT 8059

Elastic Legendre Coefficients

81-Tl-181



18

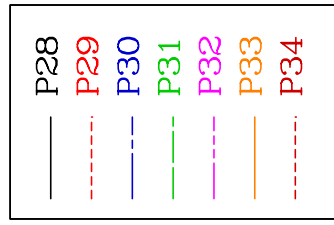
Incident Energy (MeV)

81-Tl-181

MAT 8059

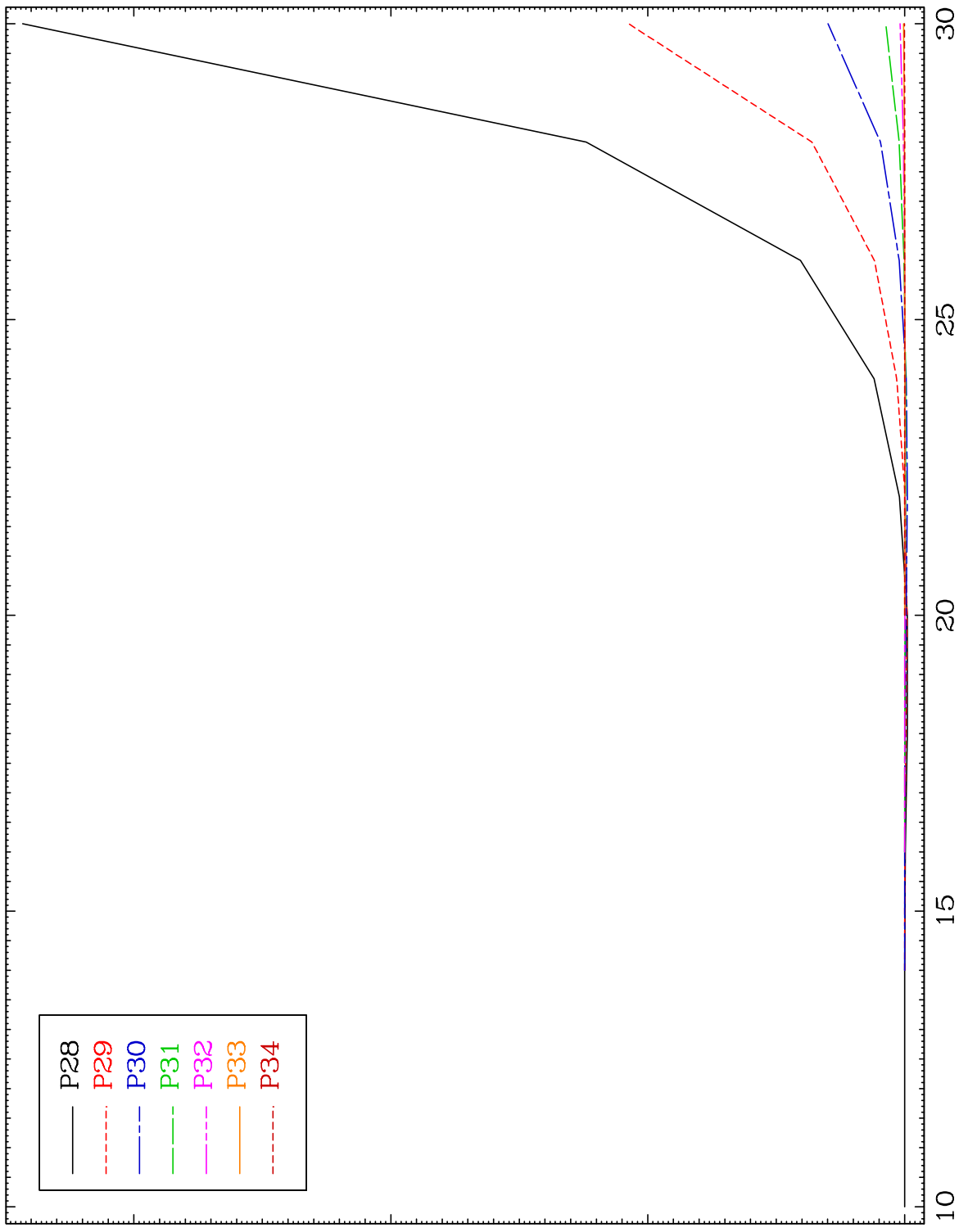
Elastic
Legendre Coefficients

81-Tl-181



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

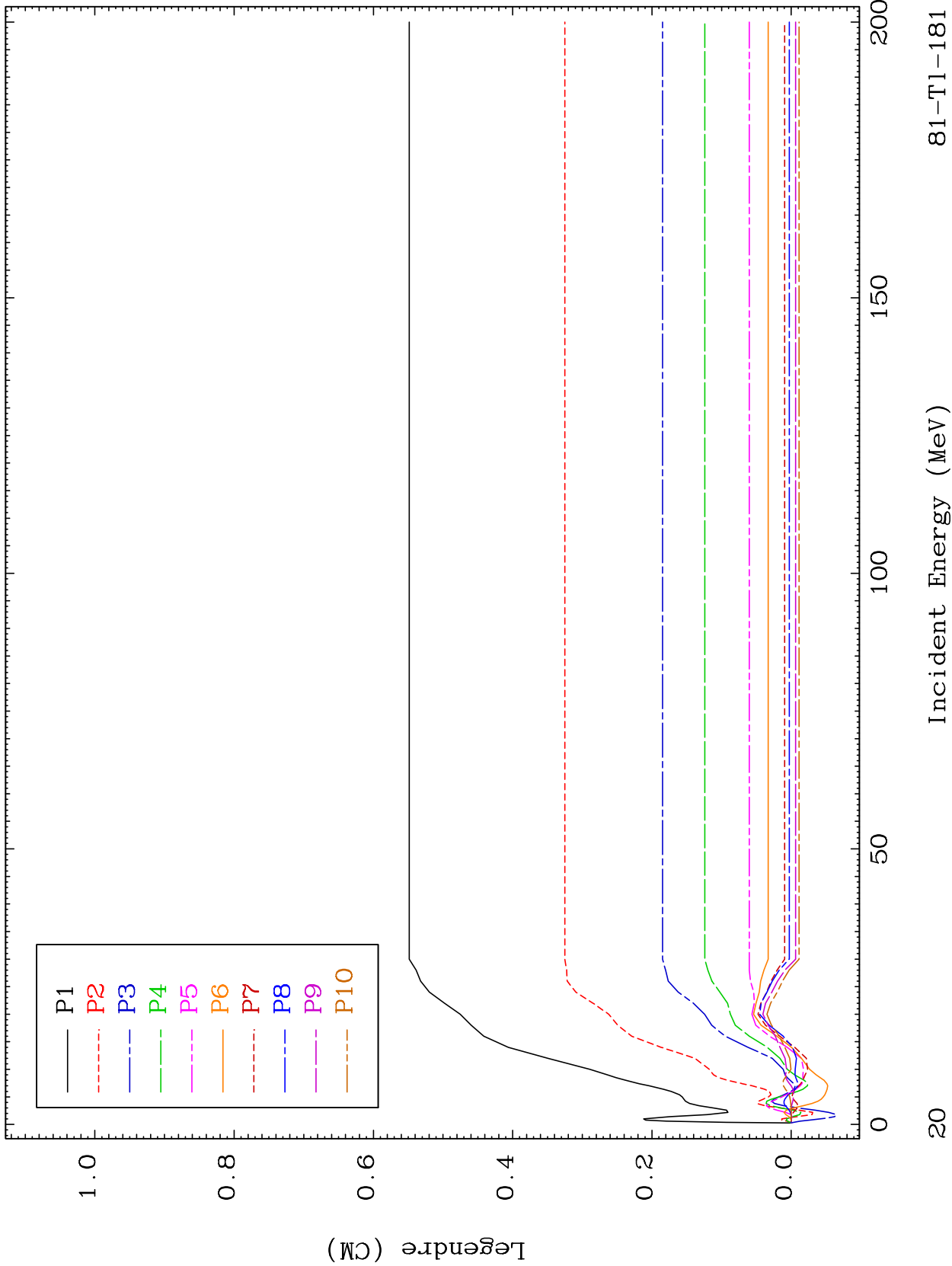
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

81-Tl-181



81-Tl-181

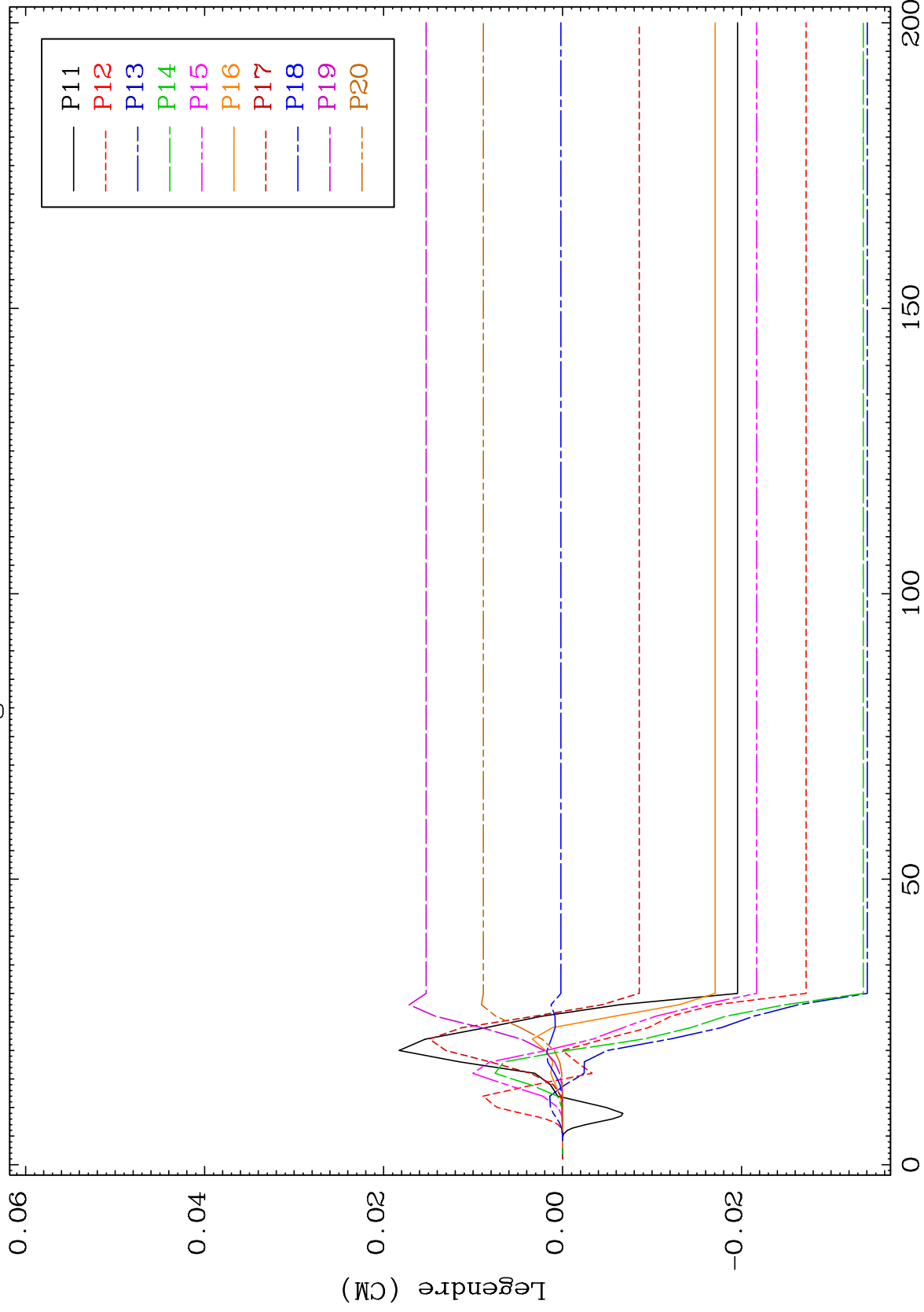
Incident Energy (MeV)

20

MAT 8059

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

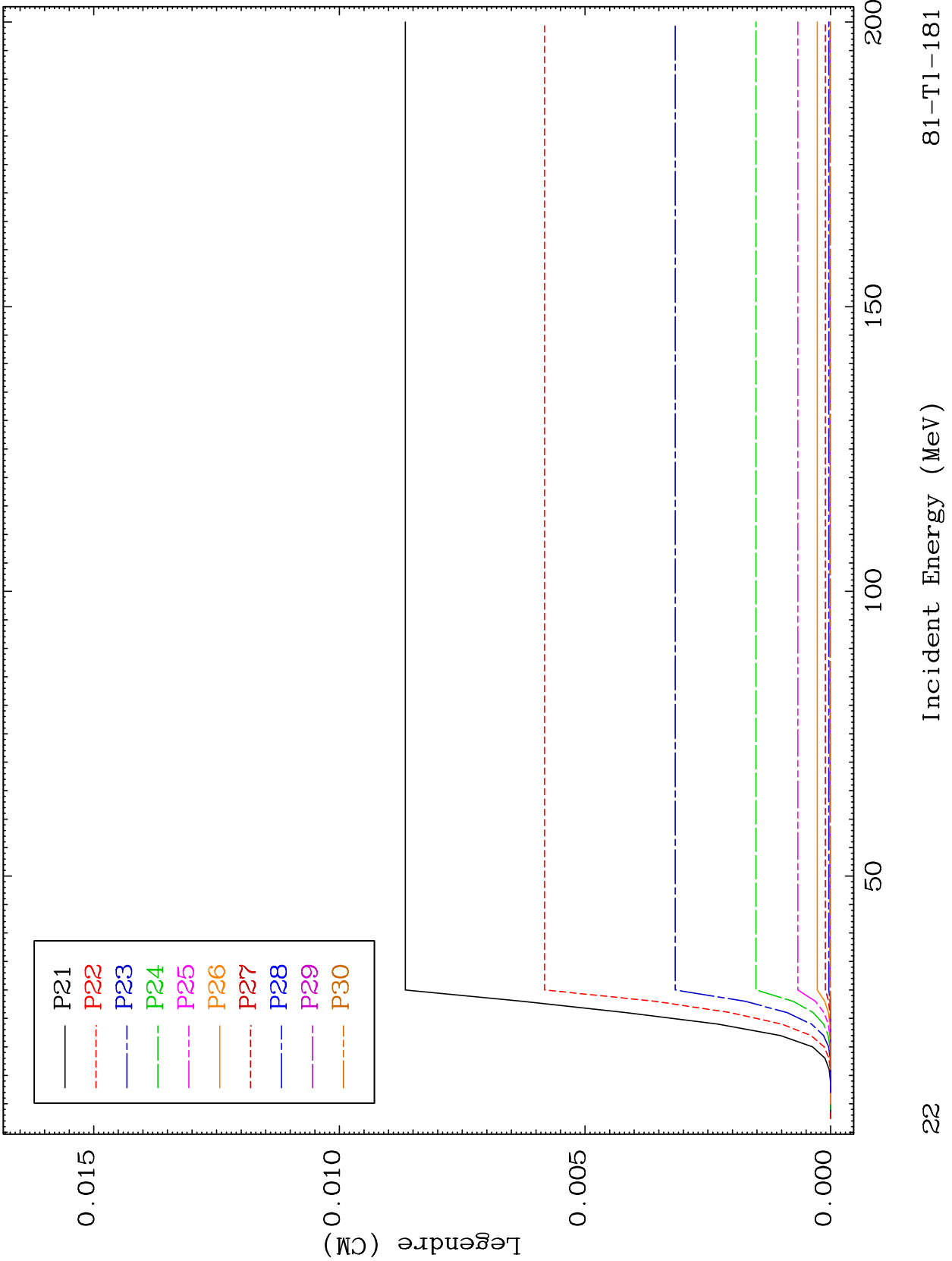
81-Tl-181



21

Incident Energy (MeV)

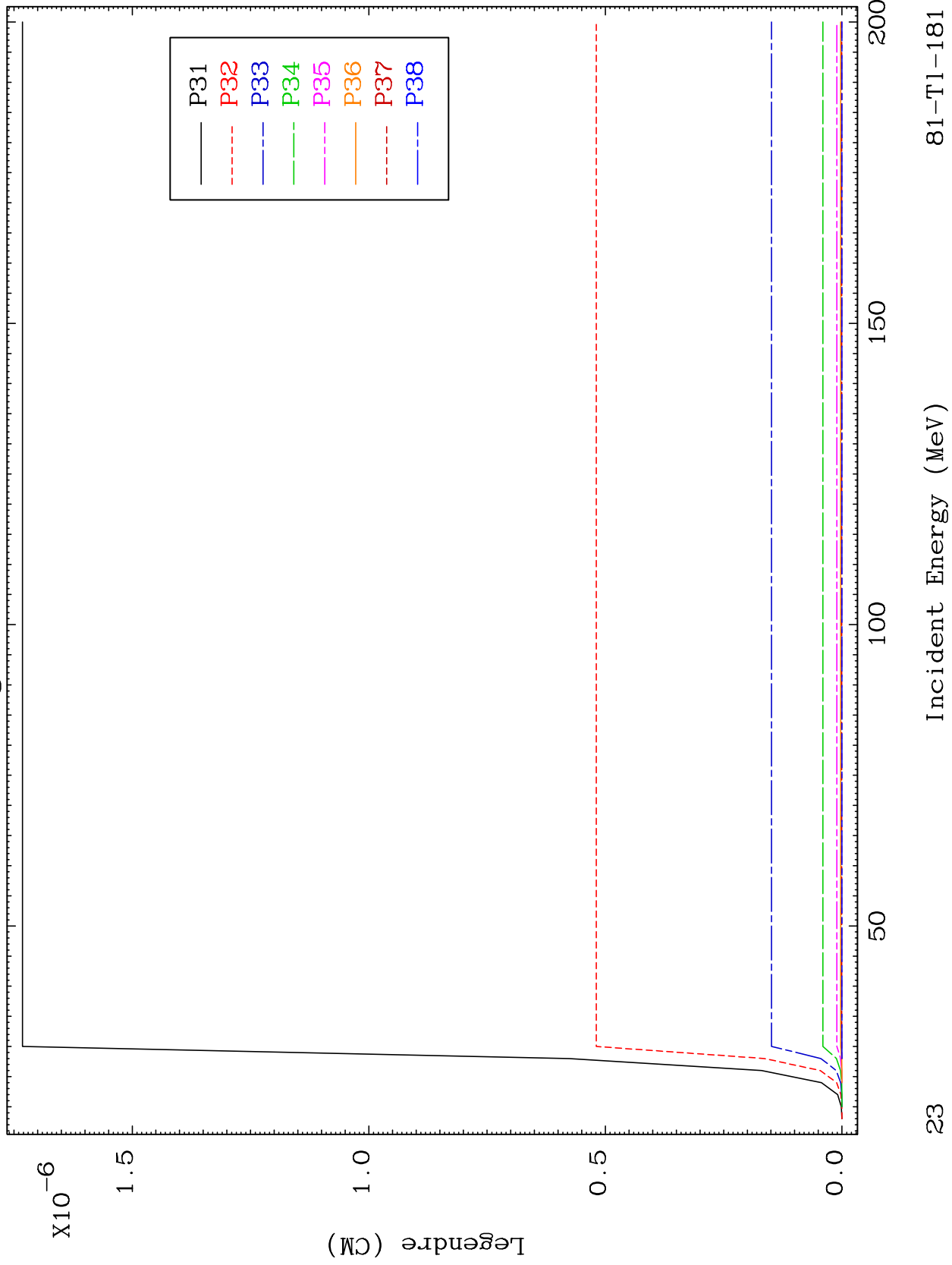
81-Tl-181



MAT 8059

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

81-Tl-181



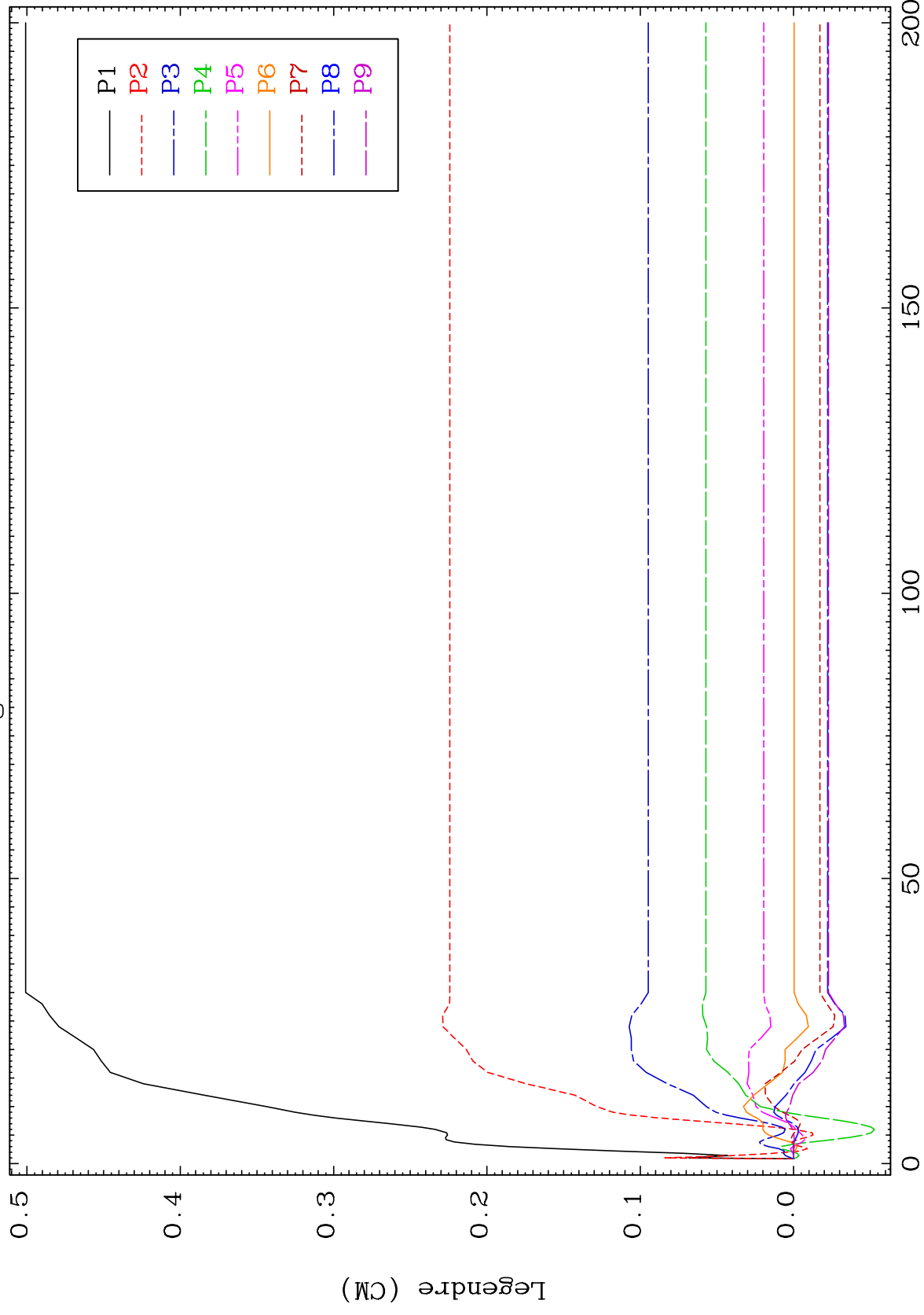
23

81-Tl-181

MAT 8059

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

81-Tl-181



24

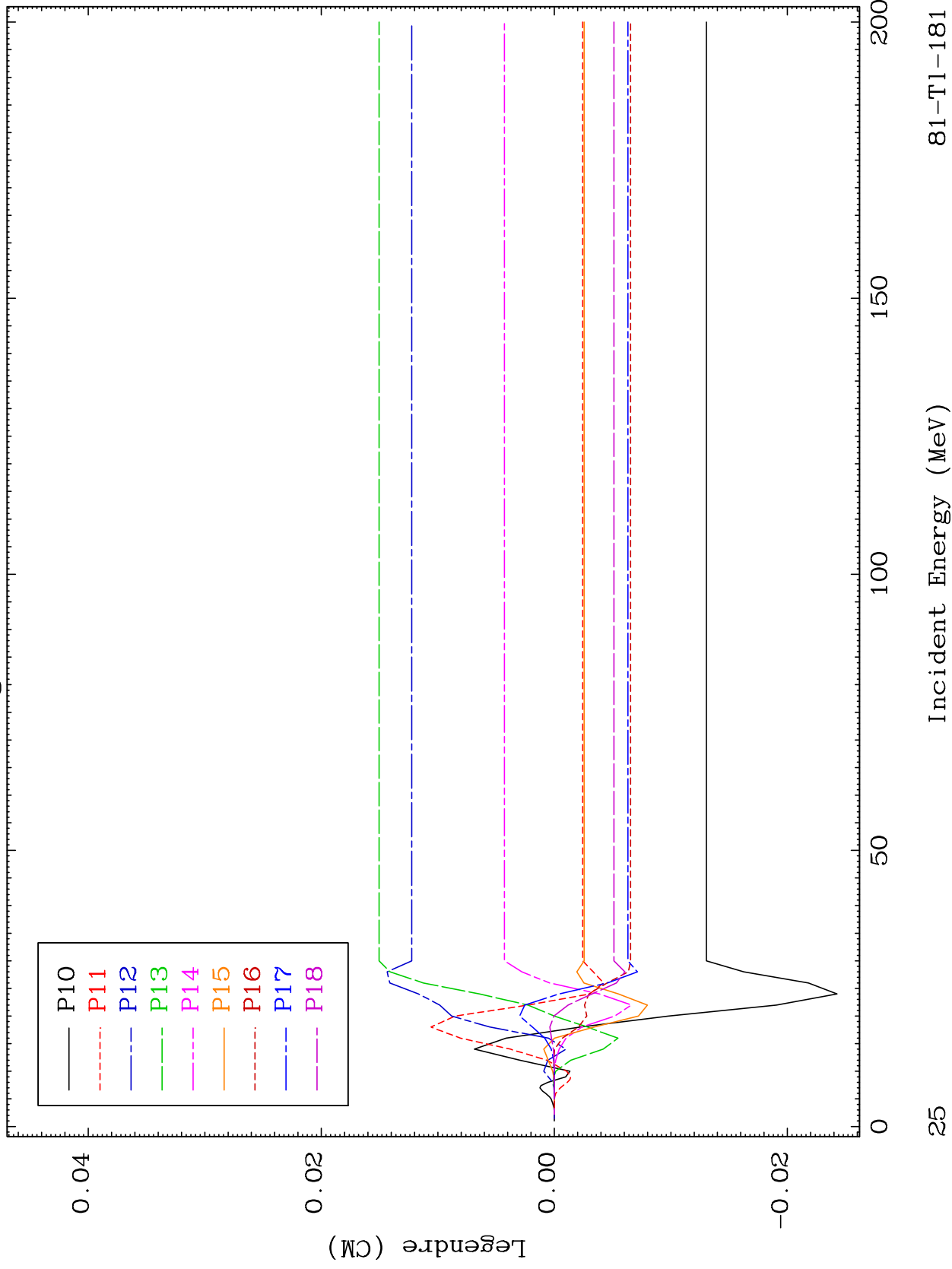
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

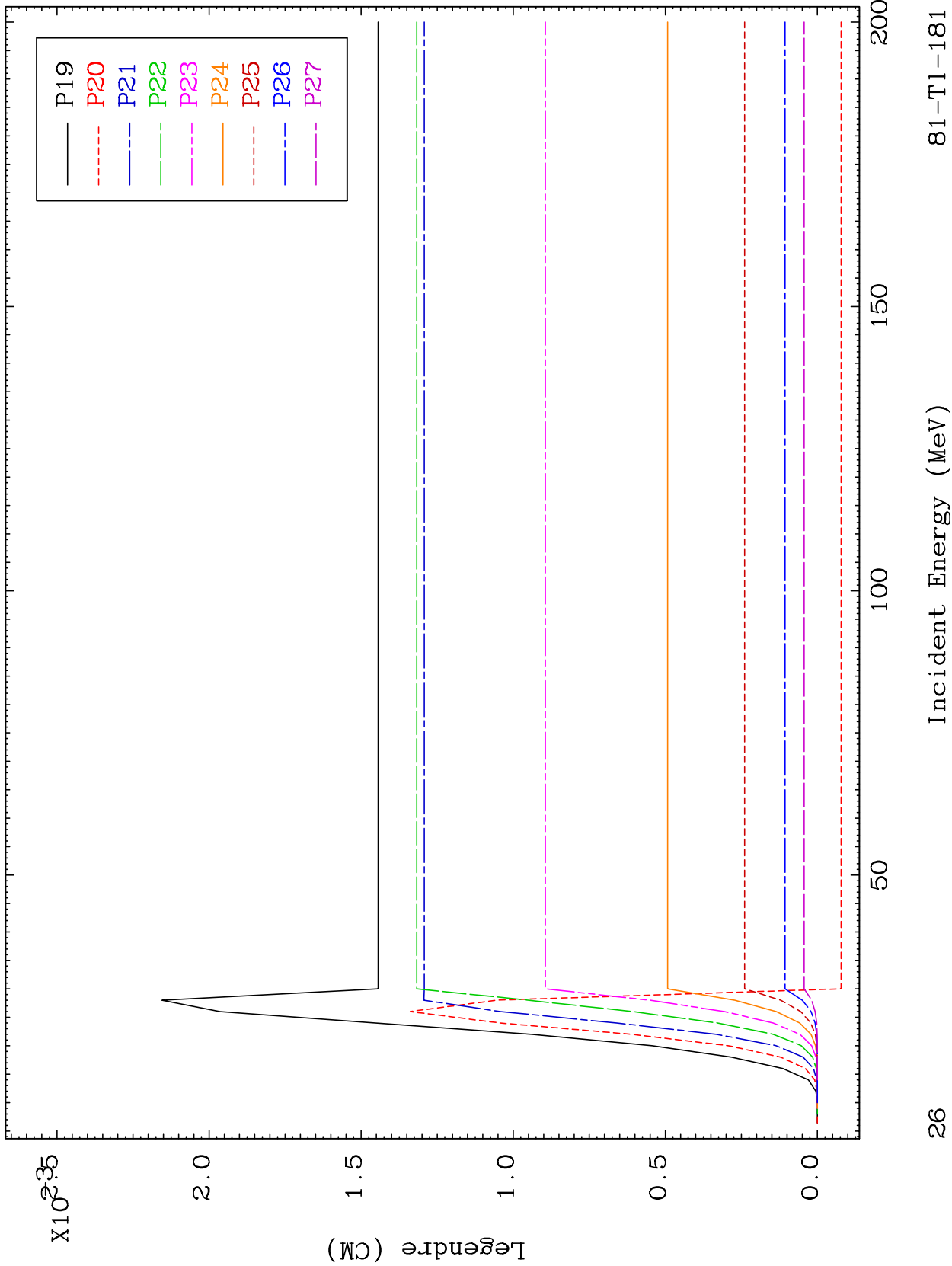
81-Tl-181



81-Tl-181

Incident Energy (MeV)

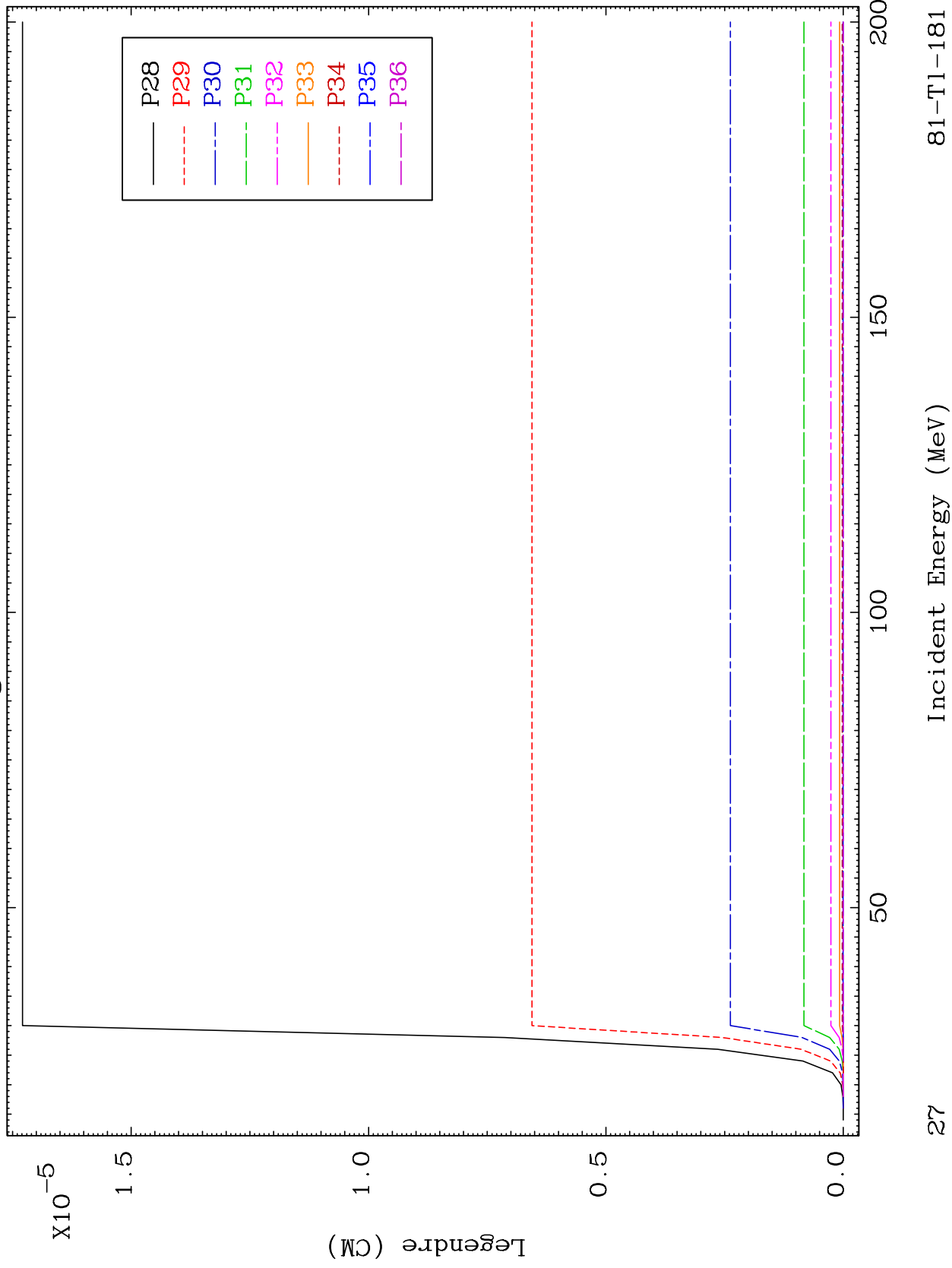
25



MAT 8059

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

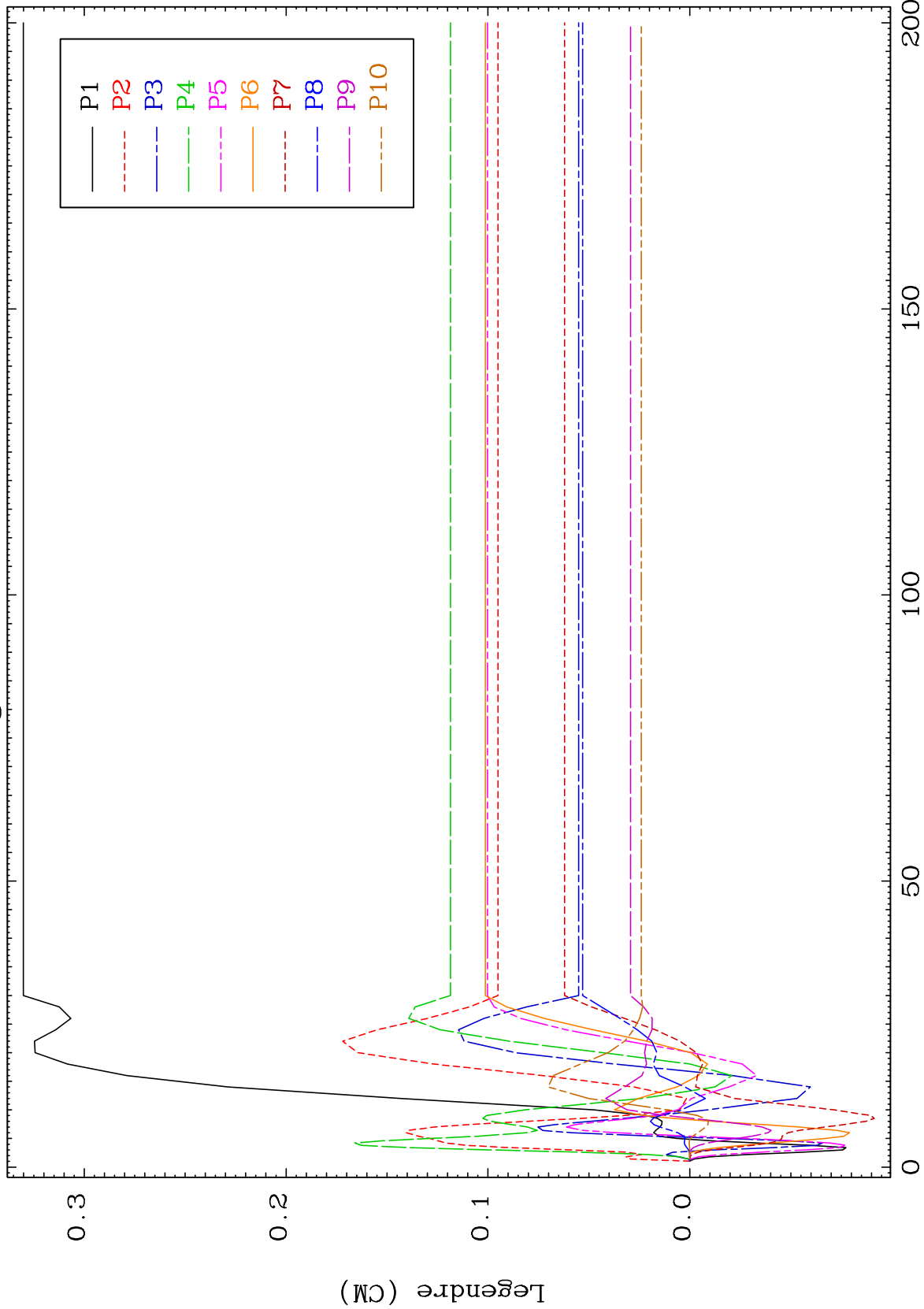
81-Tl-181



MAT 8059

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

81-Tl-181



28

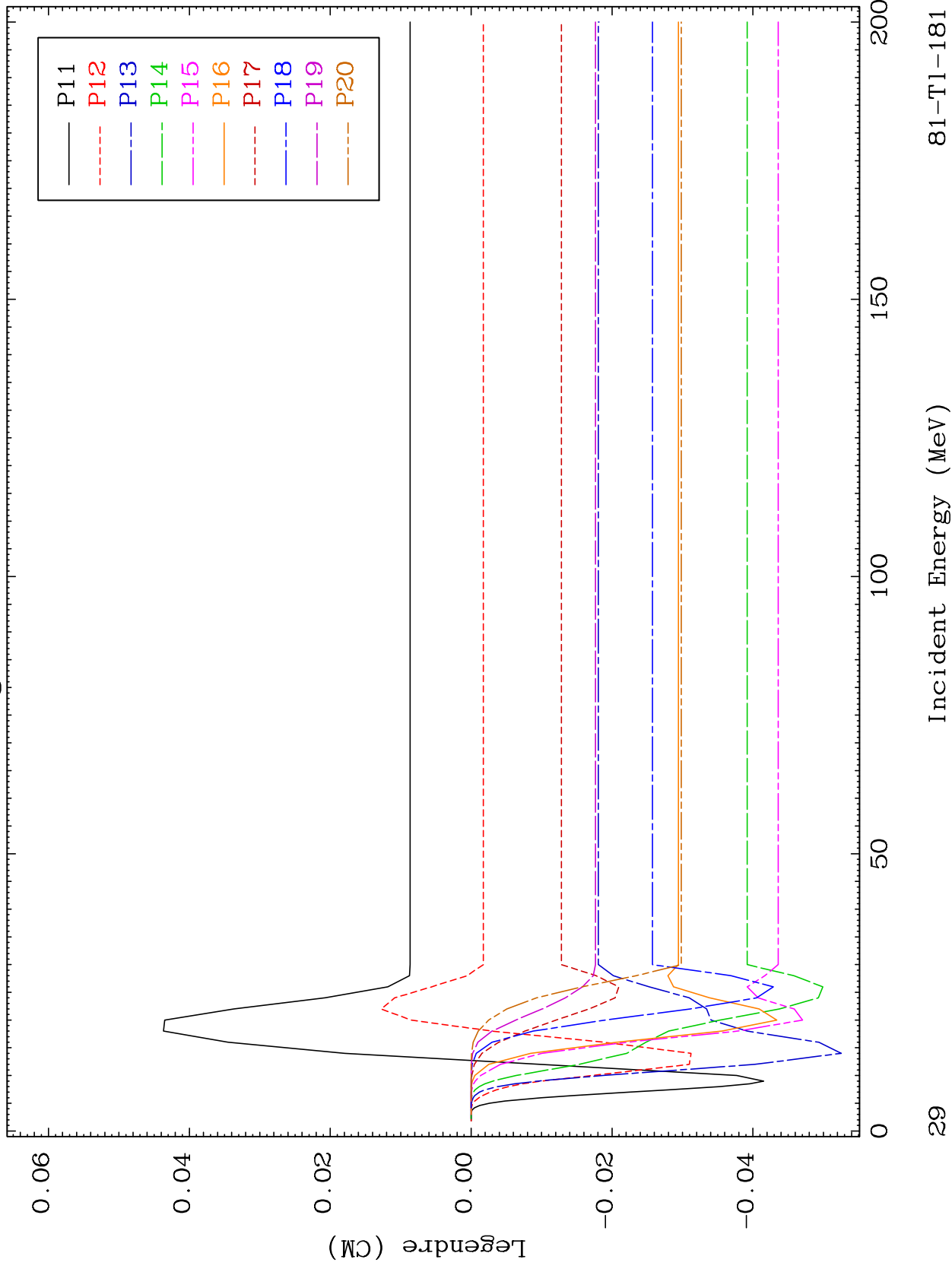
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

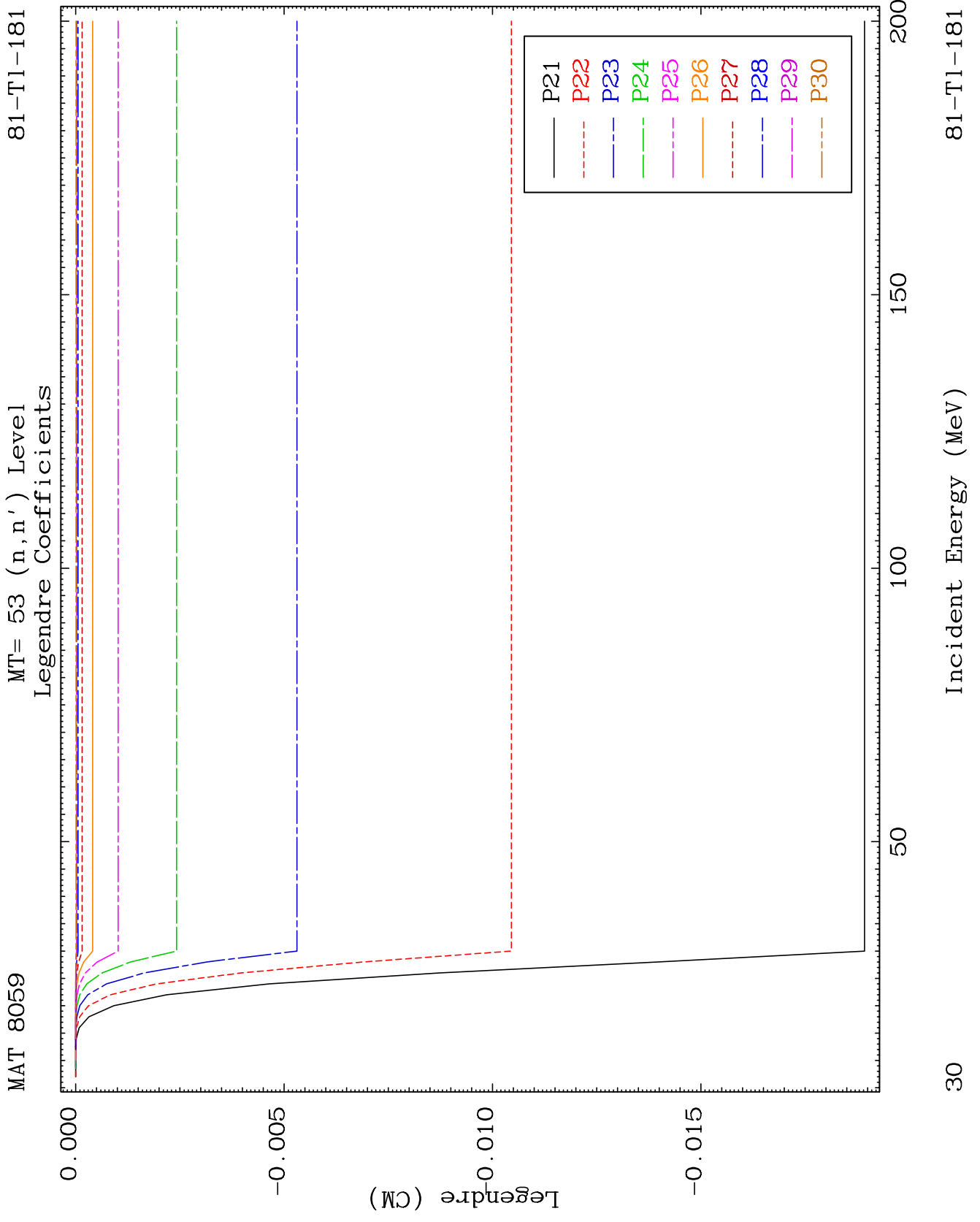
81-Tl-181

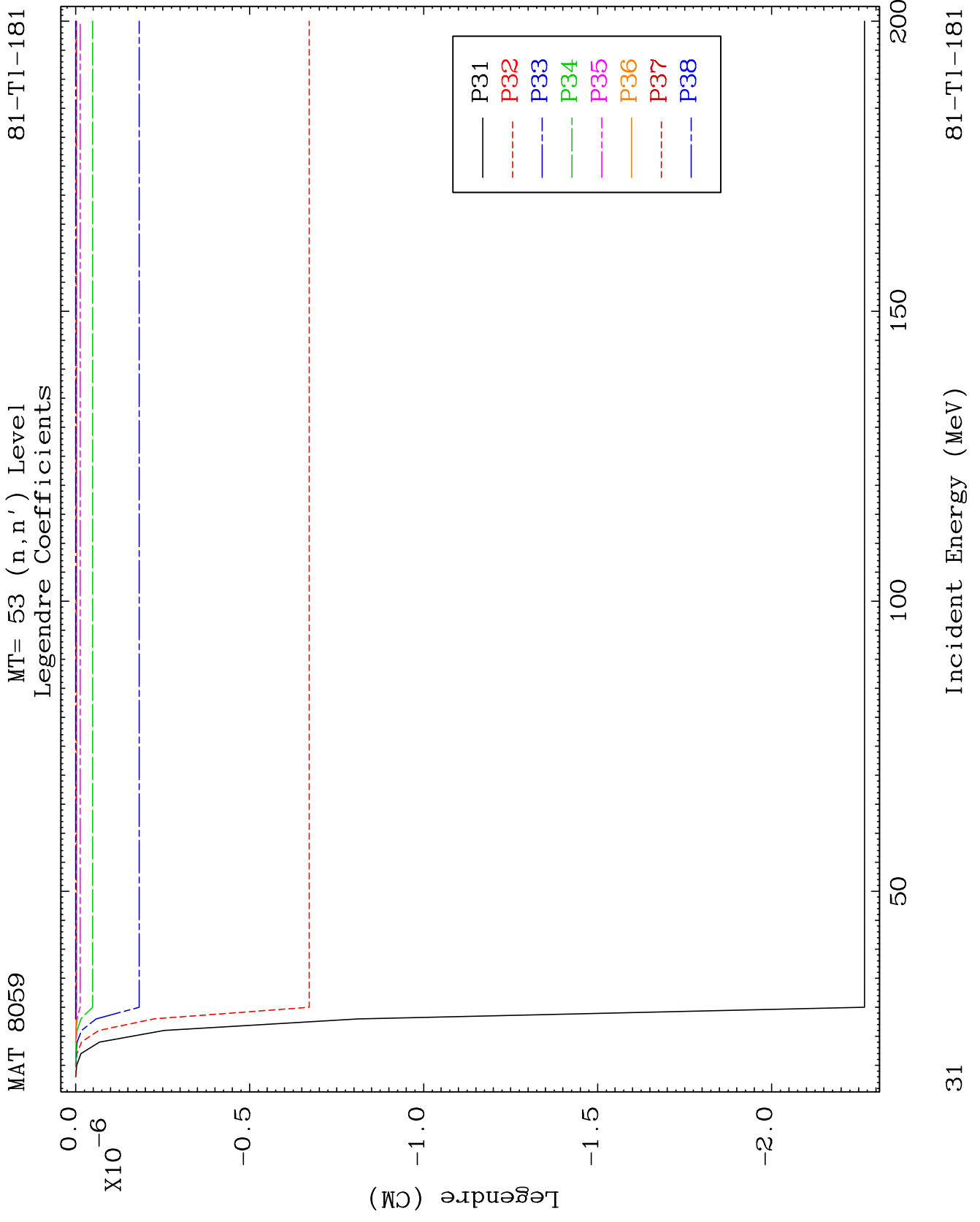


29

Incident Energy (MeV)

81-Tl-181

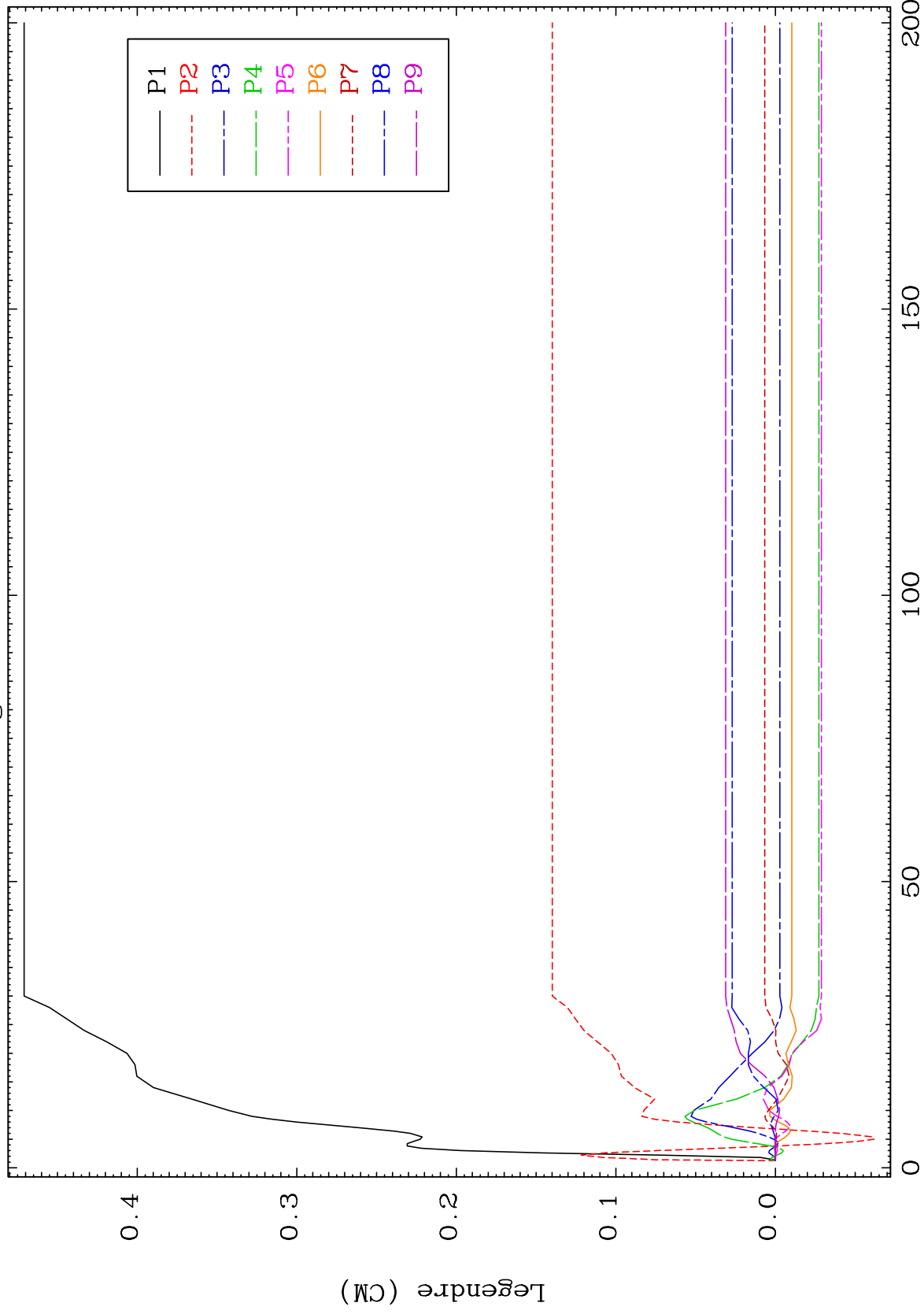




MAT 8059

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

81-Tl-181



32

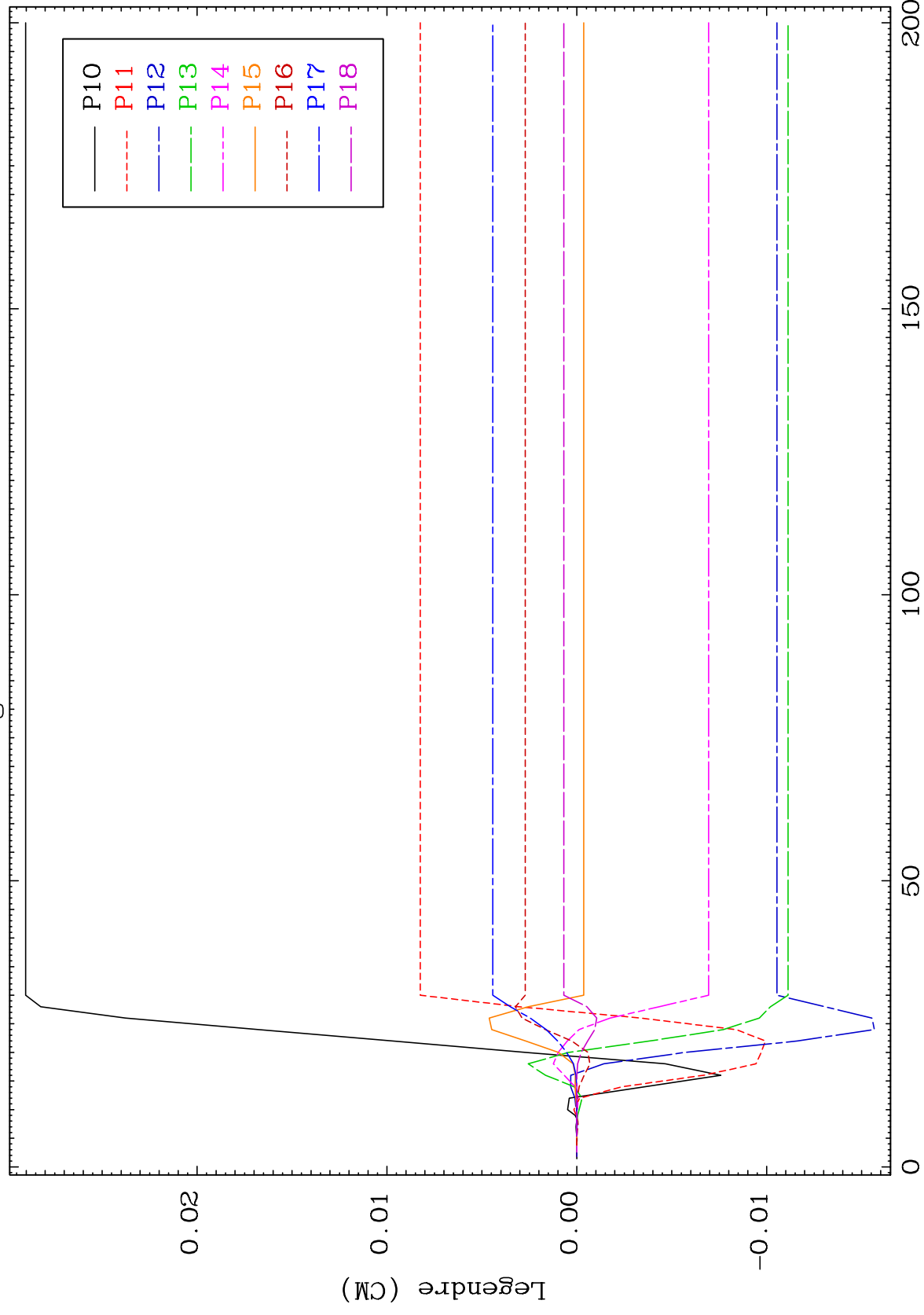
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

81-Tl-181



33

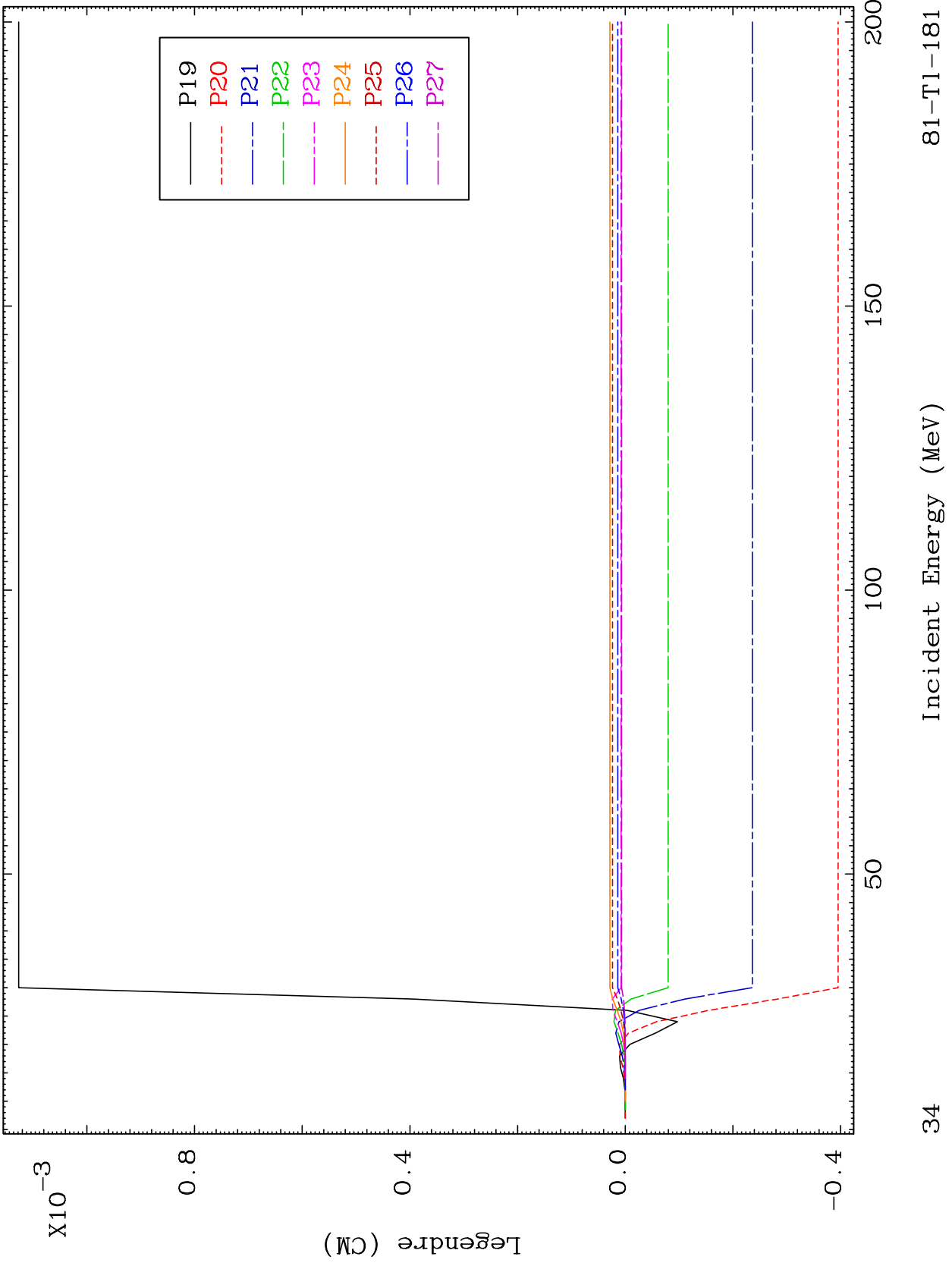
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

81-Tl-181



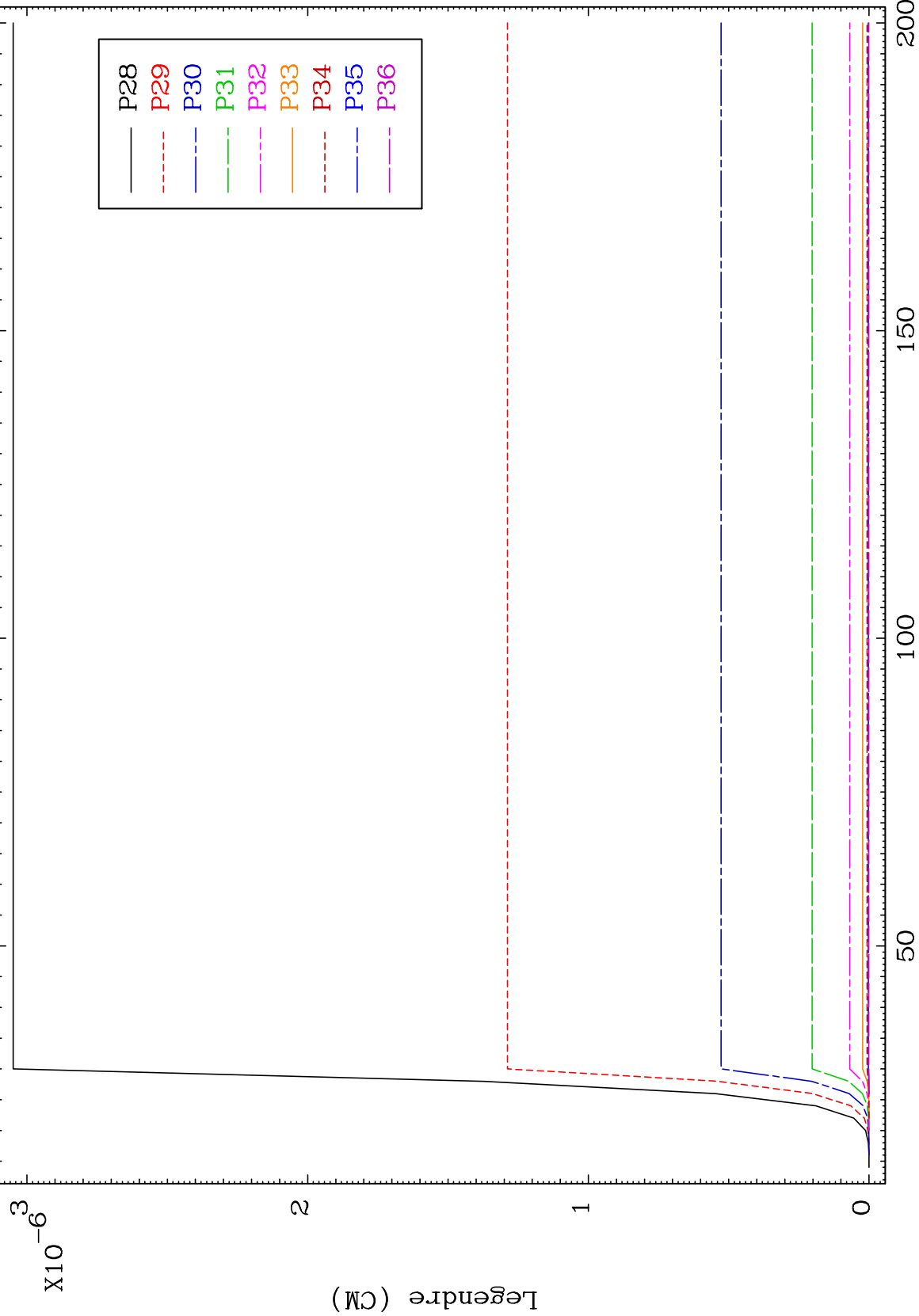
34

81-Tl-181

MAT 8059

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

81-Tl-181



35

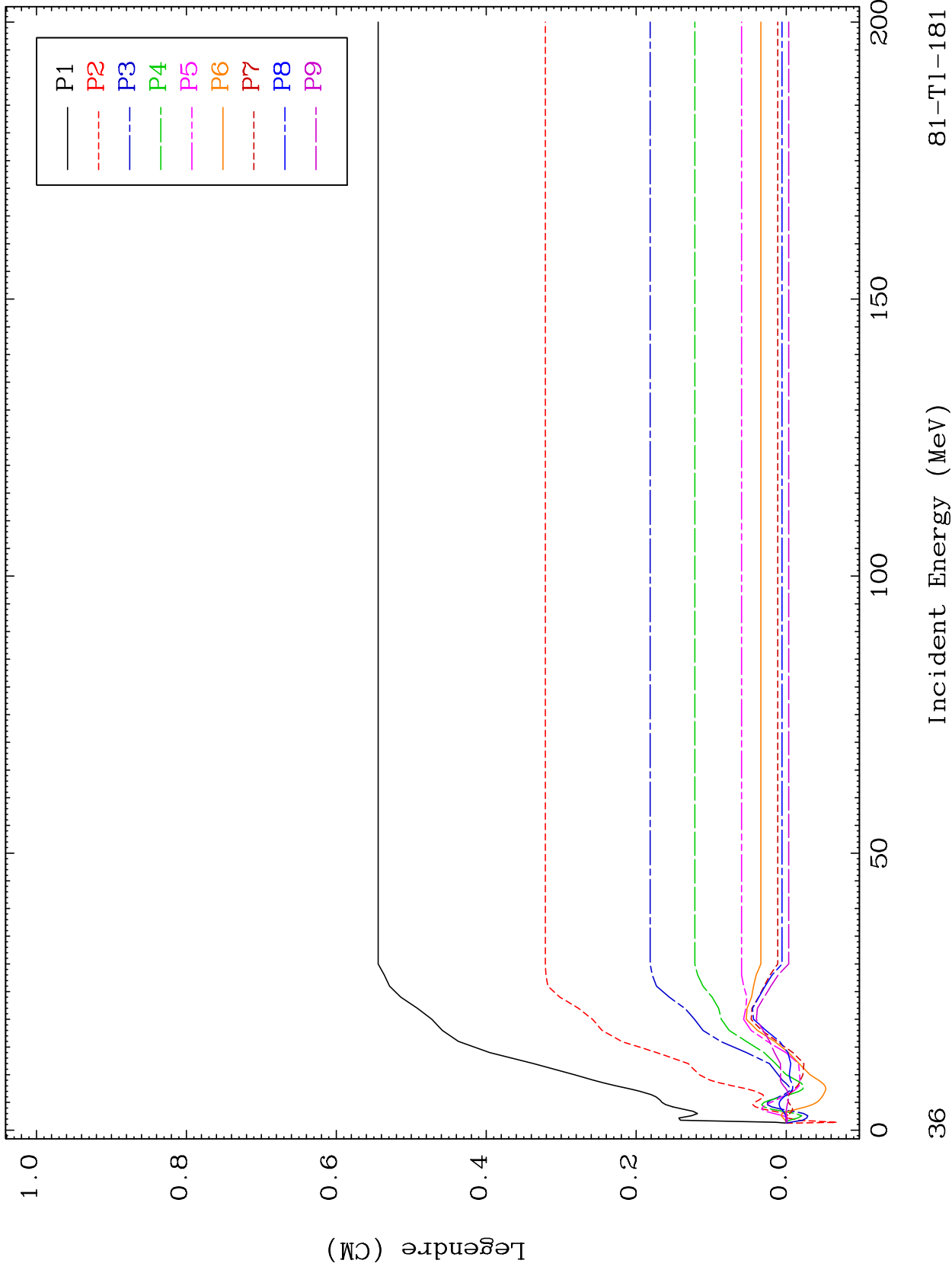
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

81-Tl-181



36

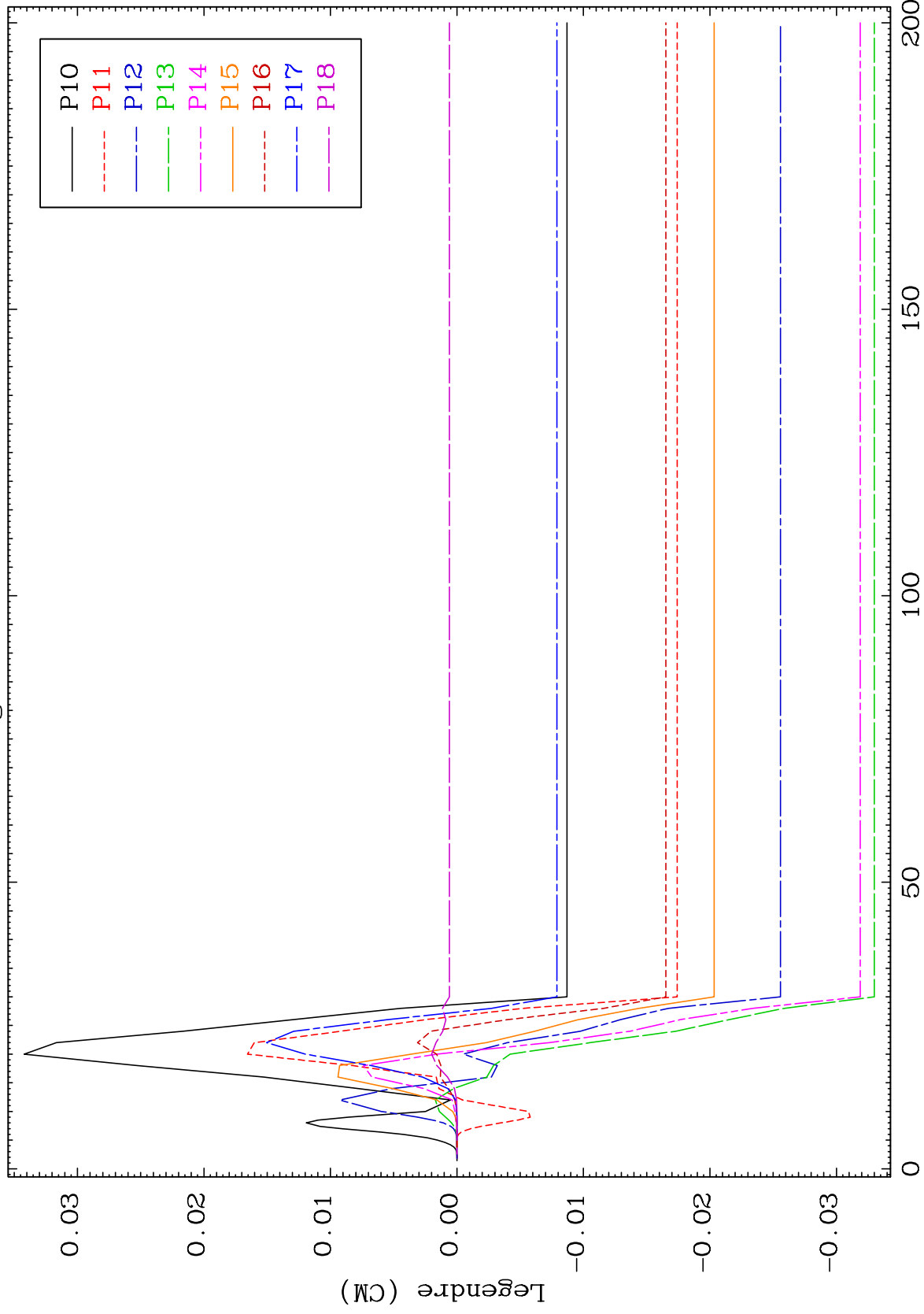
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

81-Tl-181



37

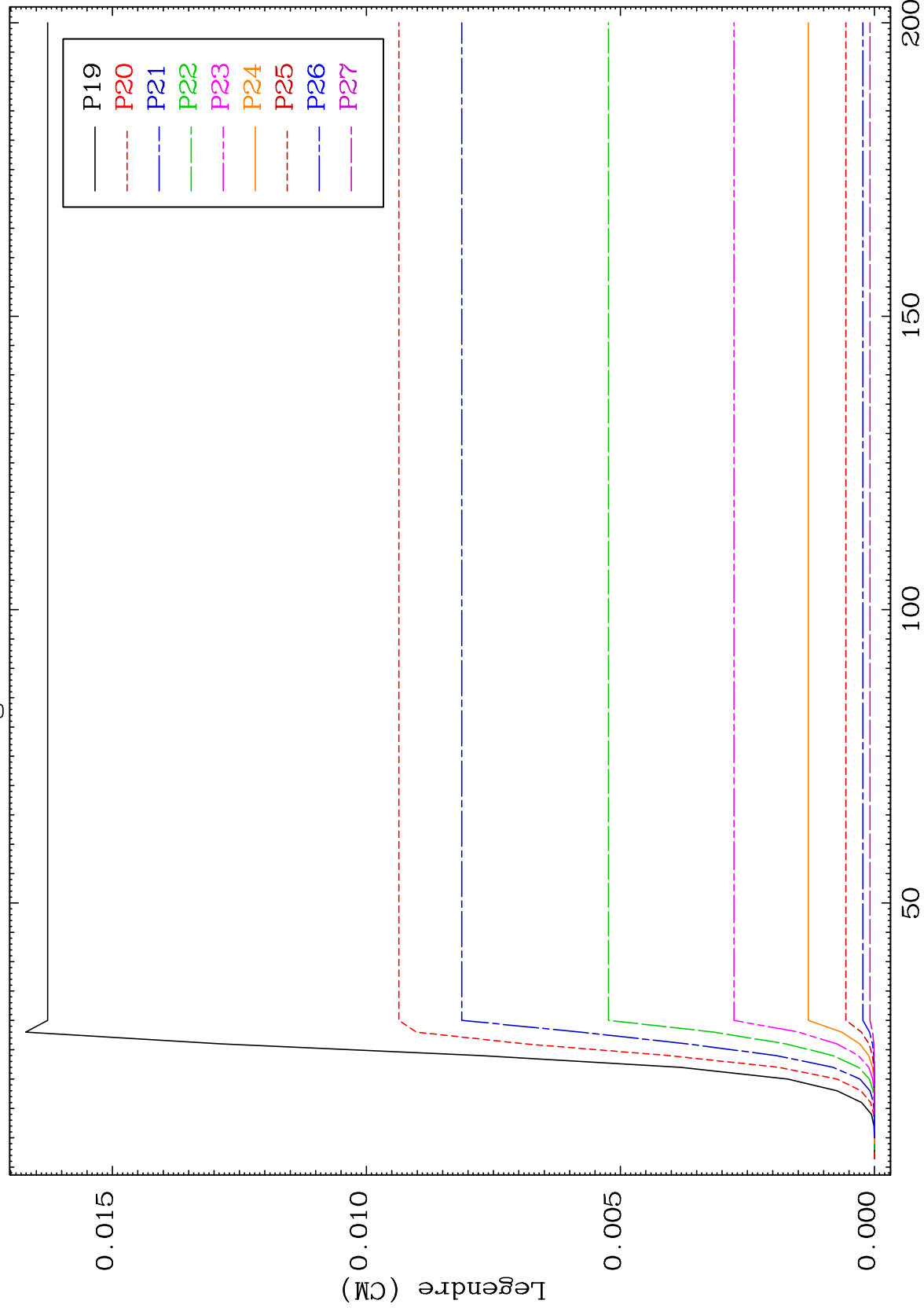
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

81-Tl-181



38

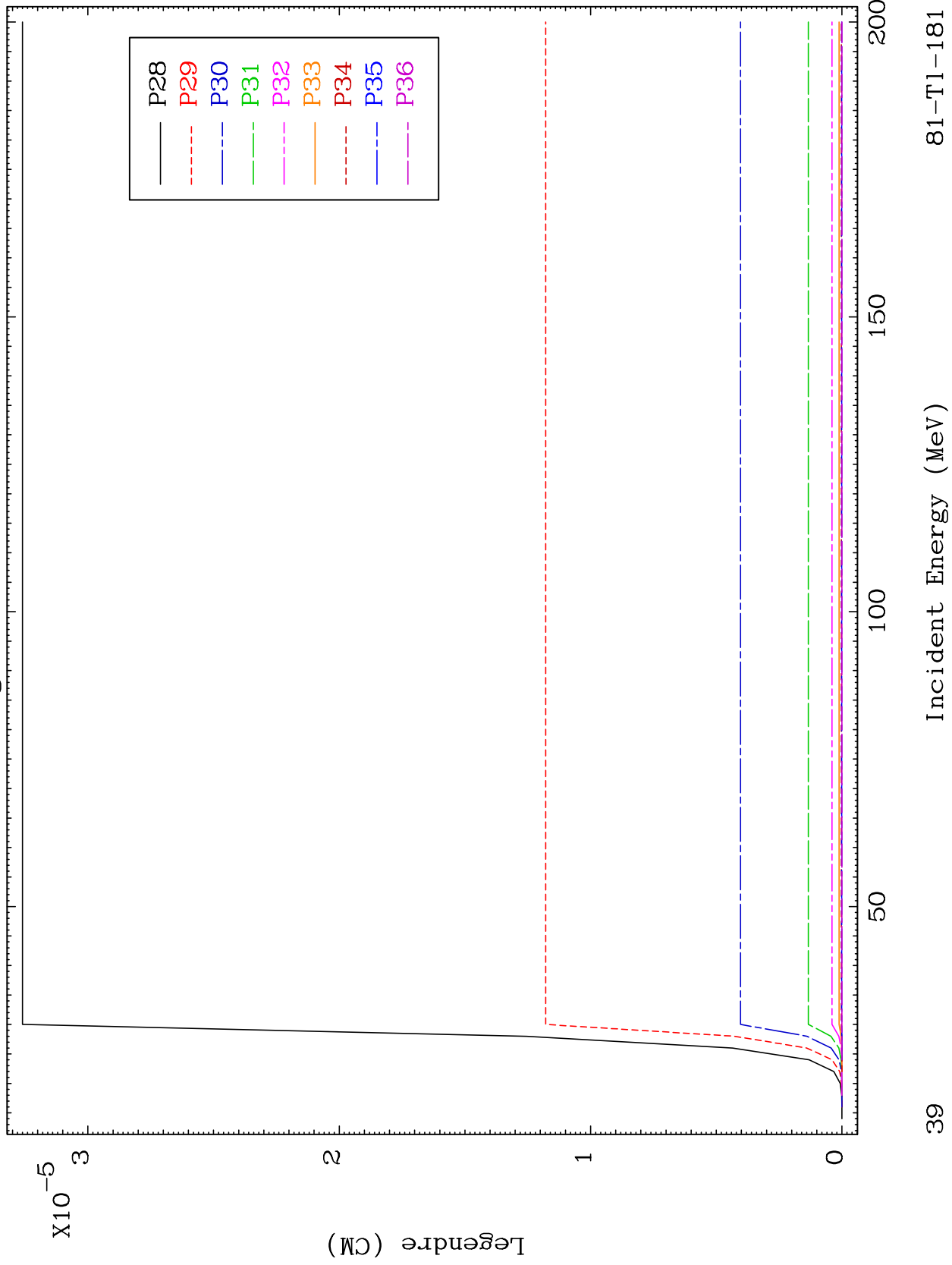
Incident Energy (MeV)

81-Tl-181

MAT 8059

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

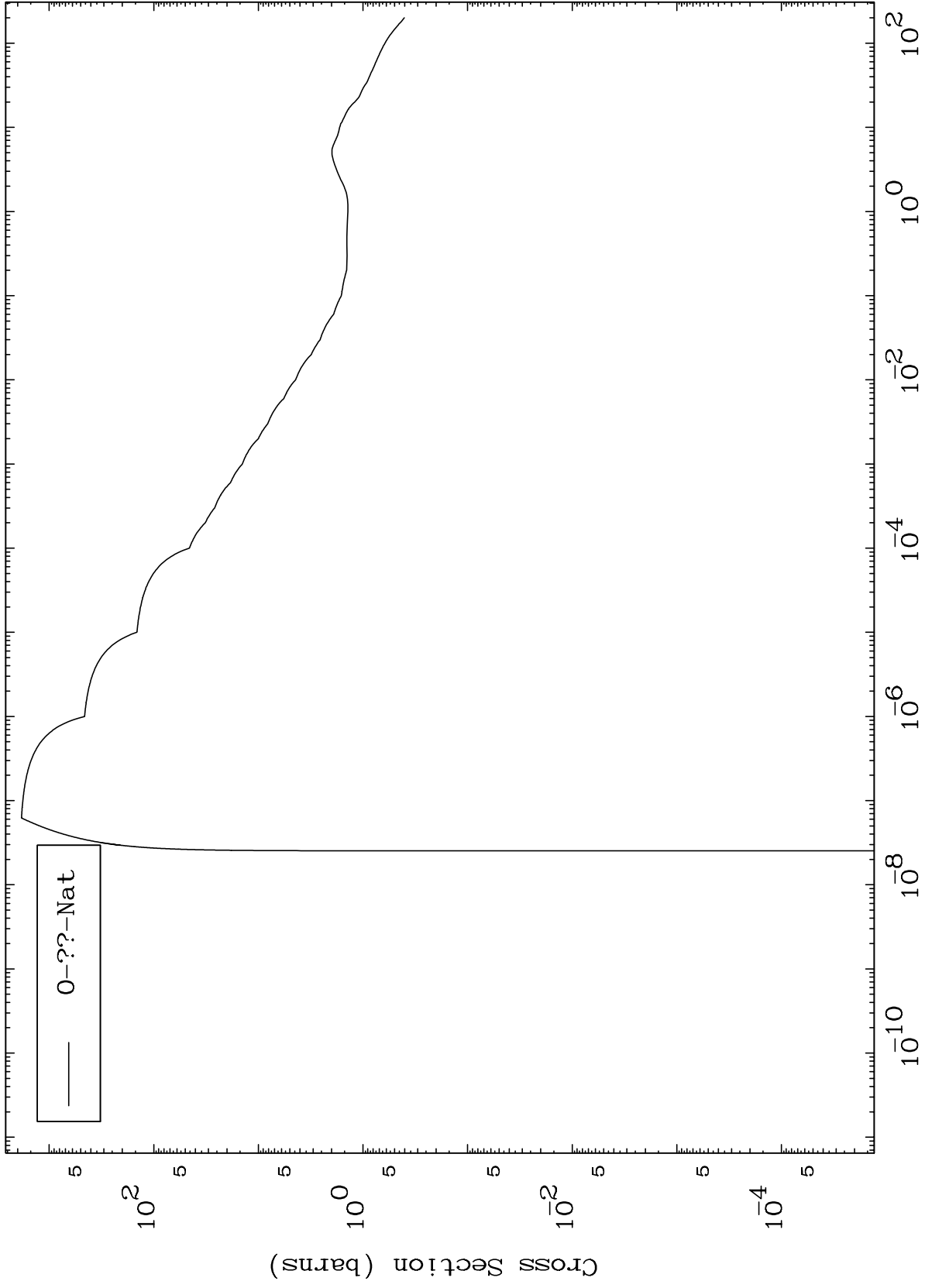
81-Tl-181



MAT 8059

81-Tl-181

Fission
Radionuclide Production Cross Section



40

81-Tl-181

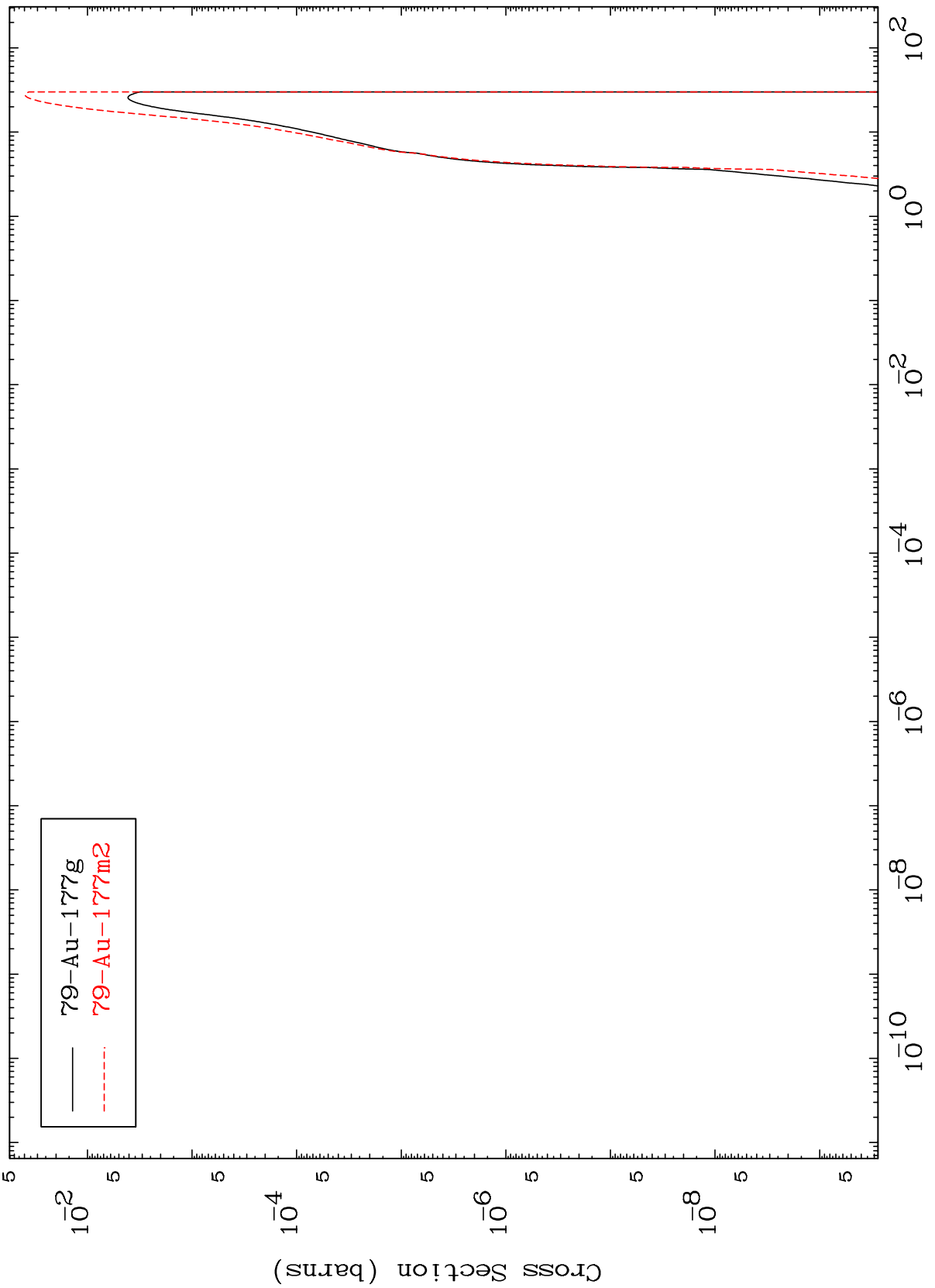
Incident Energy (MeV)

MAT 8059

(n, n') α

81-Tl-181

Radionuclide Production Cross Section



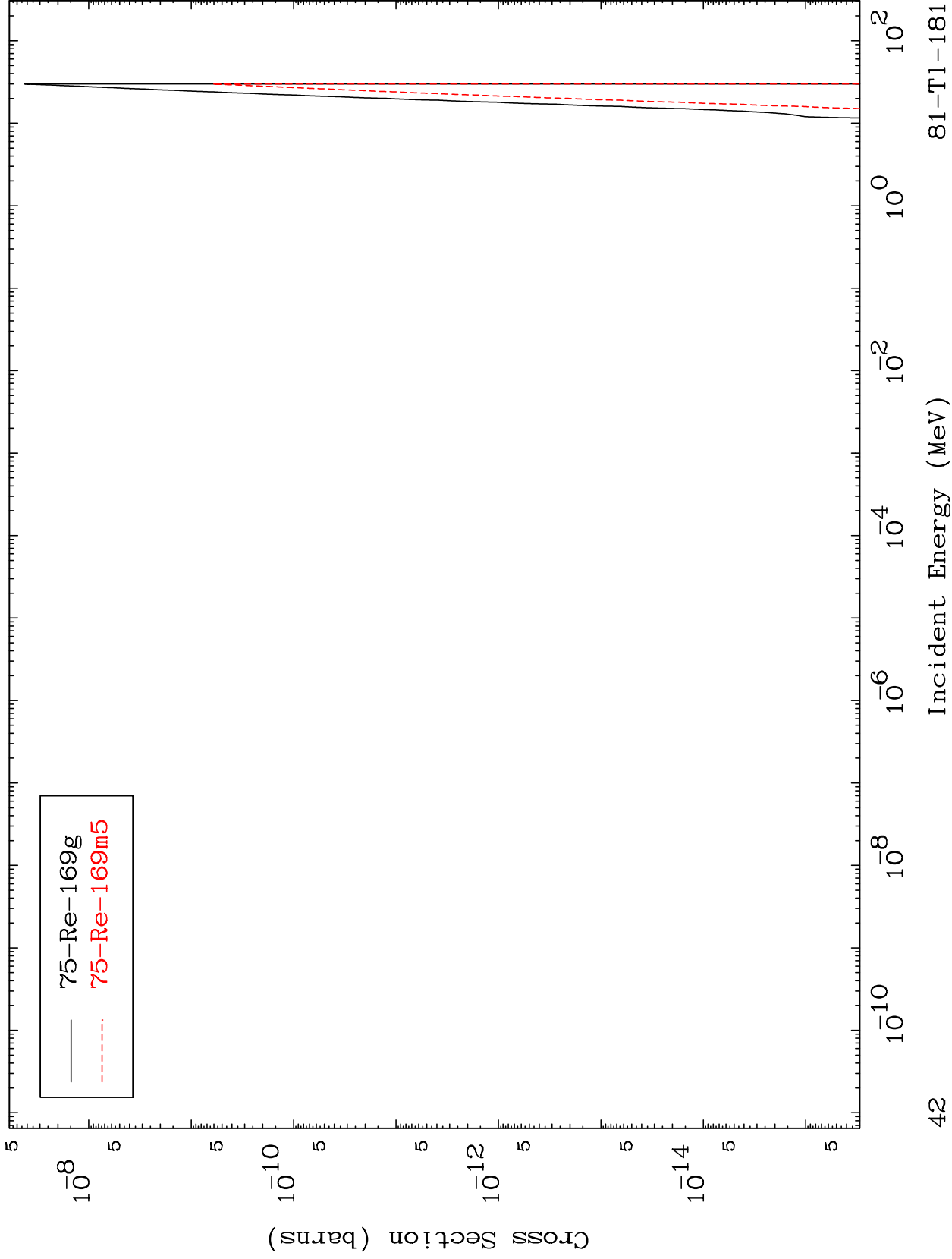
79-Au-177g
79-Au-177m2

MAT 8059

(n,n') 3 α

81-Tl-181

Radionuclide Production Cross Section



42

Incident Energy (MeV)

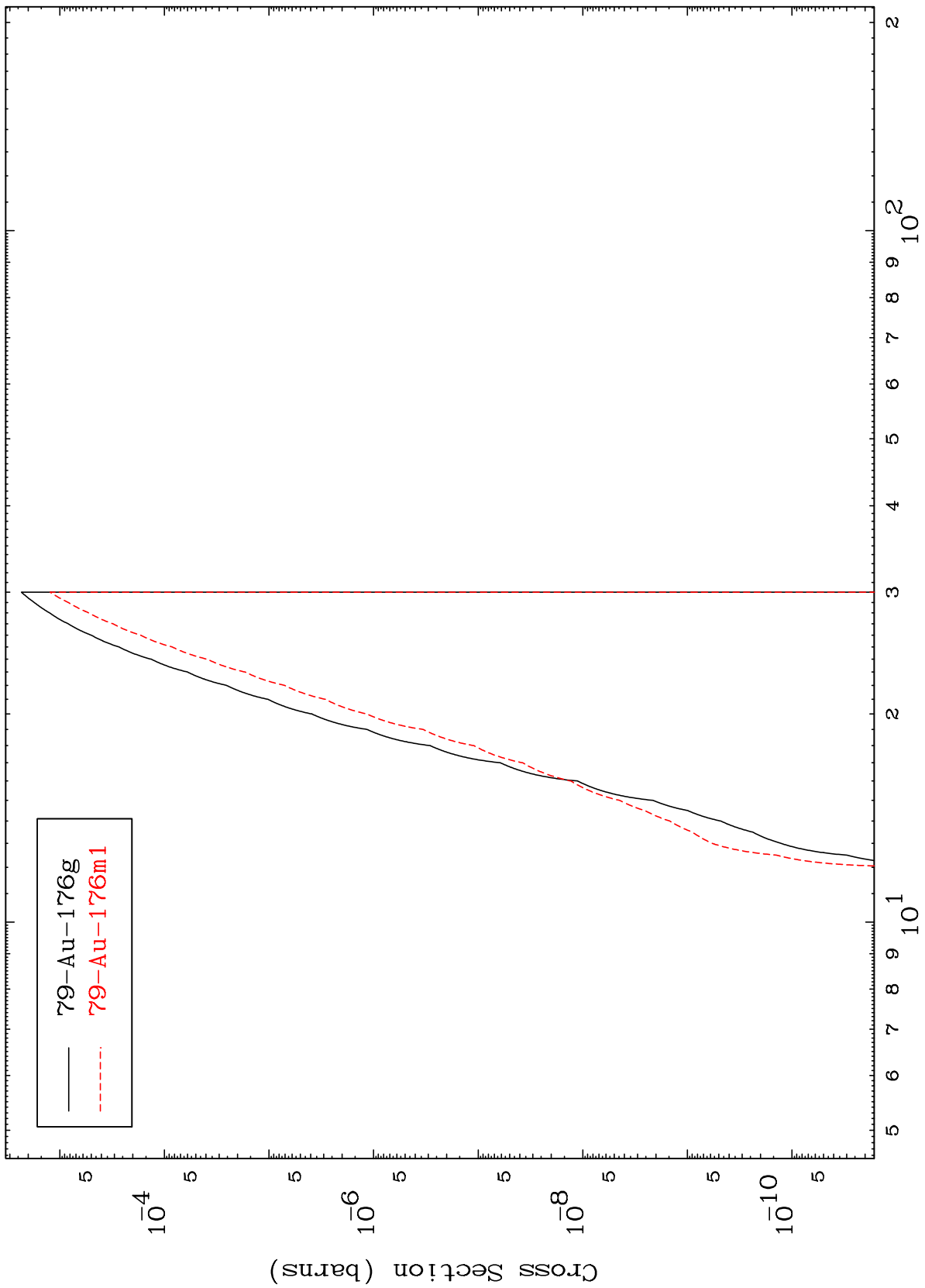
81-Tl-181

MAT 8059

(n,2n) α

81-Tl-181

Radionuclide Production Cross Section



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

43

Incident Energy (MeV)

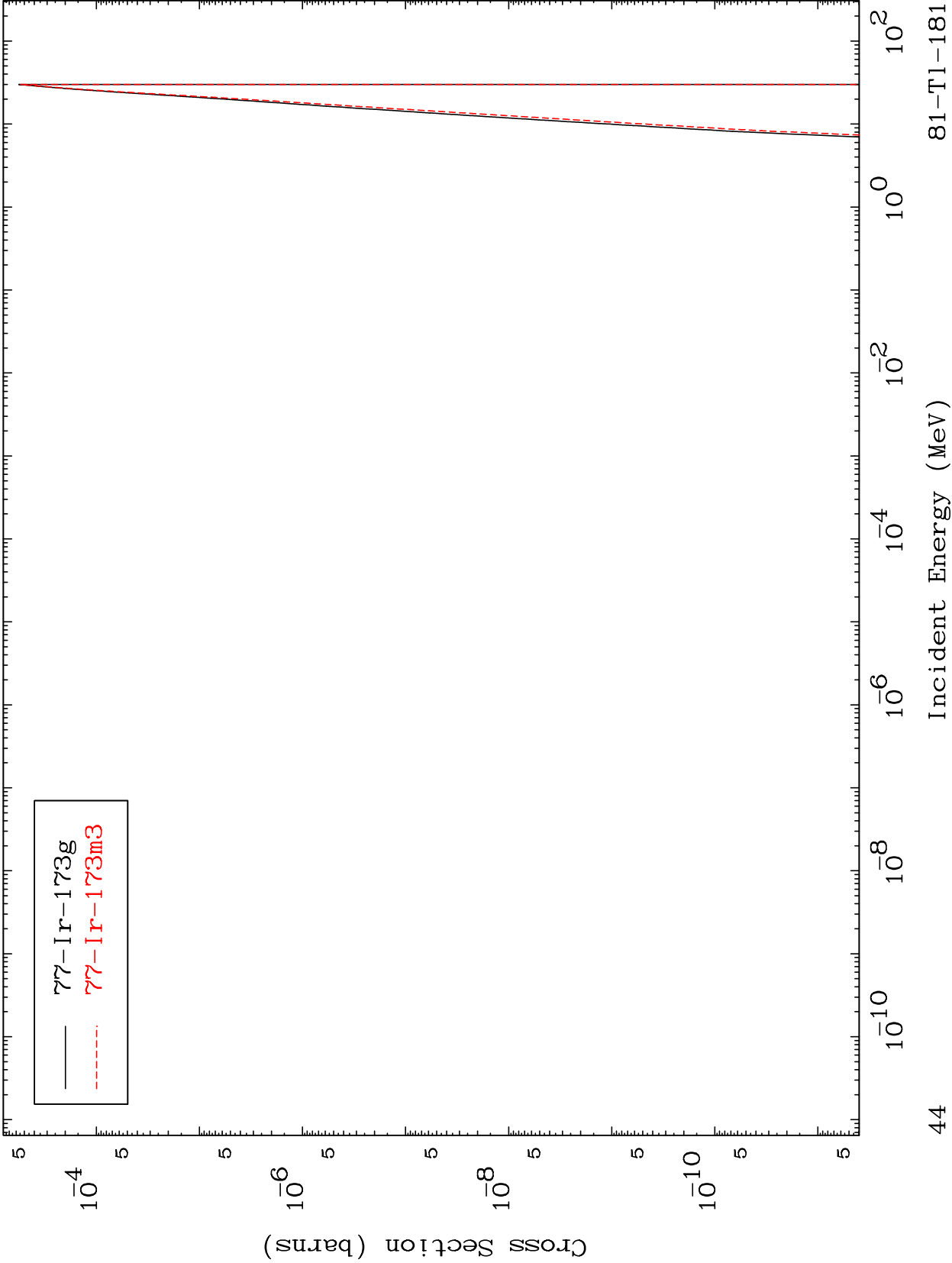
81-Tl-181

MAT 8059

(n,n') 2α

81-Tl-181

Radionuclide Production Cross Section

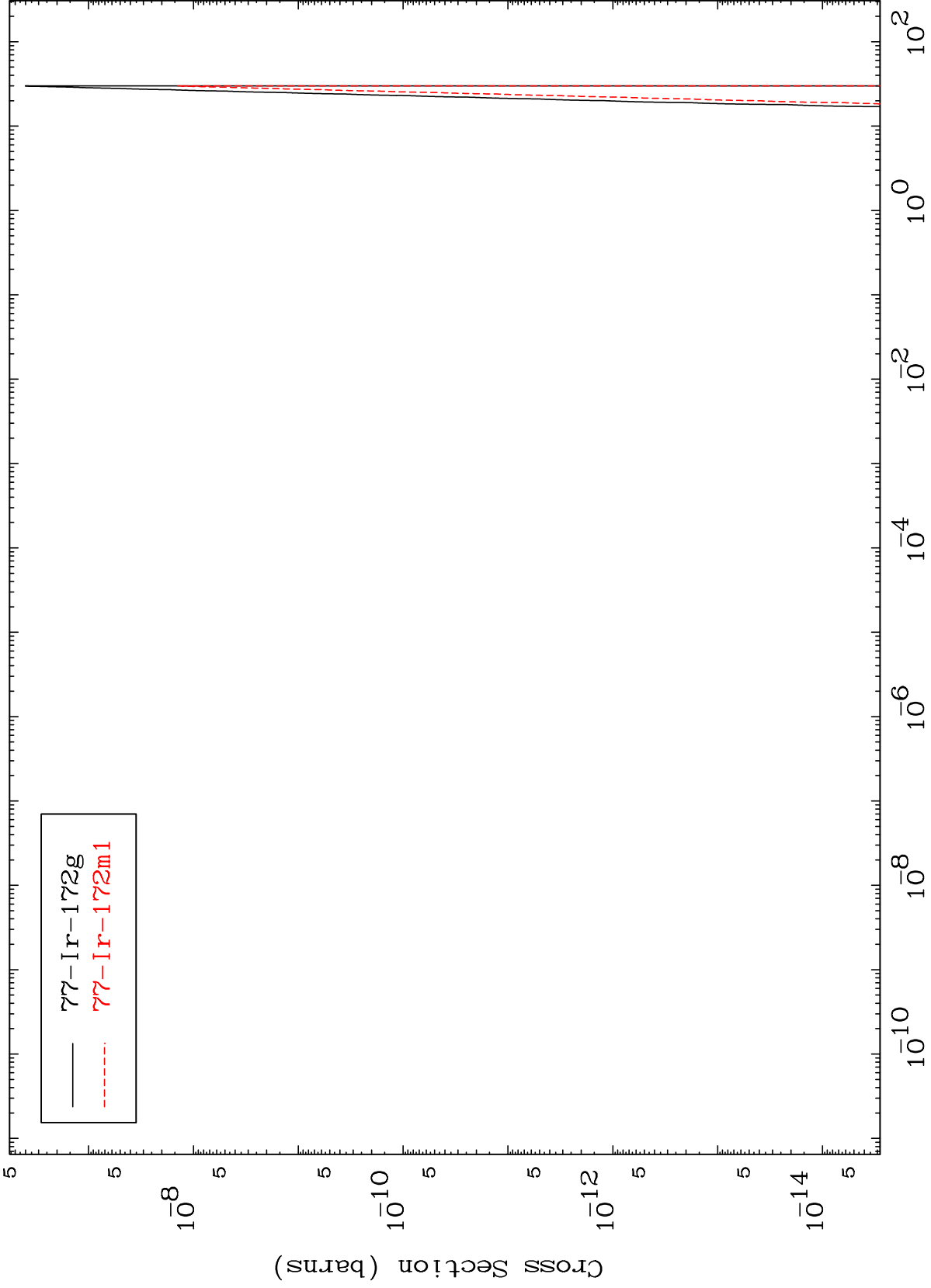


MAT 8059

(n,2n) 2 α

81-Tl-181

Radionuclide Production Cross Section



45

Incident Energy (MeV)

81-Tl-181

MAT 8059

(n,2α)

81-Tl-181

Radionuclide Production Cross Section

