

Program EVALPLOT
(Version 2021-1)

by

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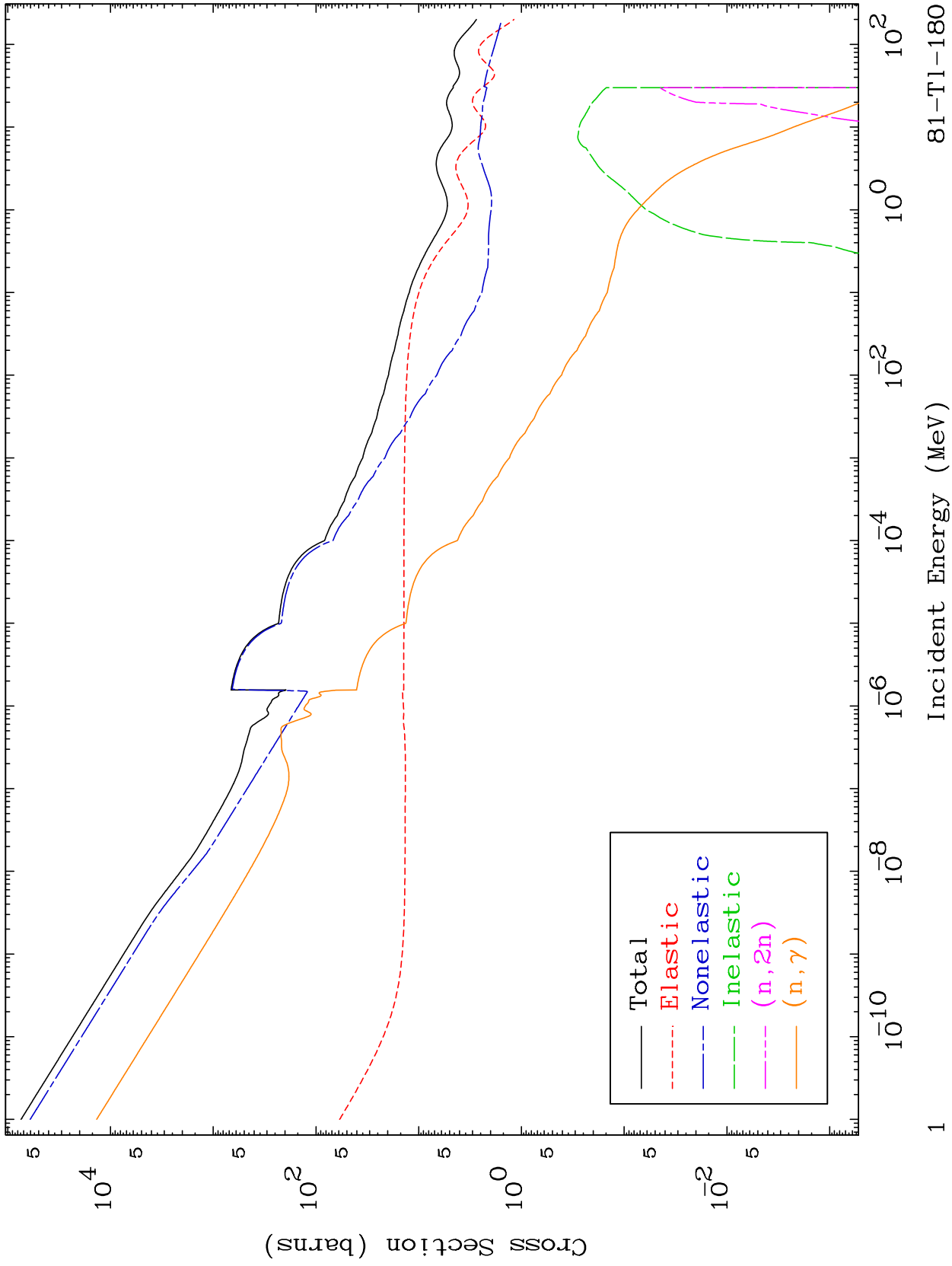
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8056

Neutron Major
293 Kelvin Cross Sections

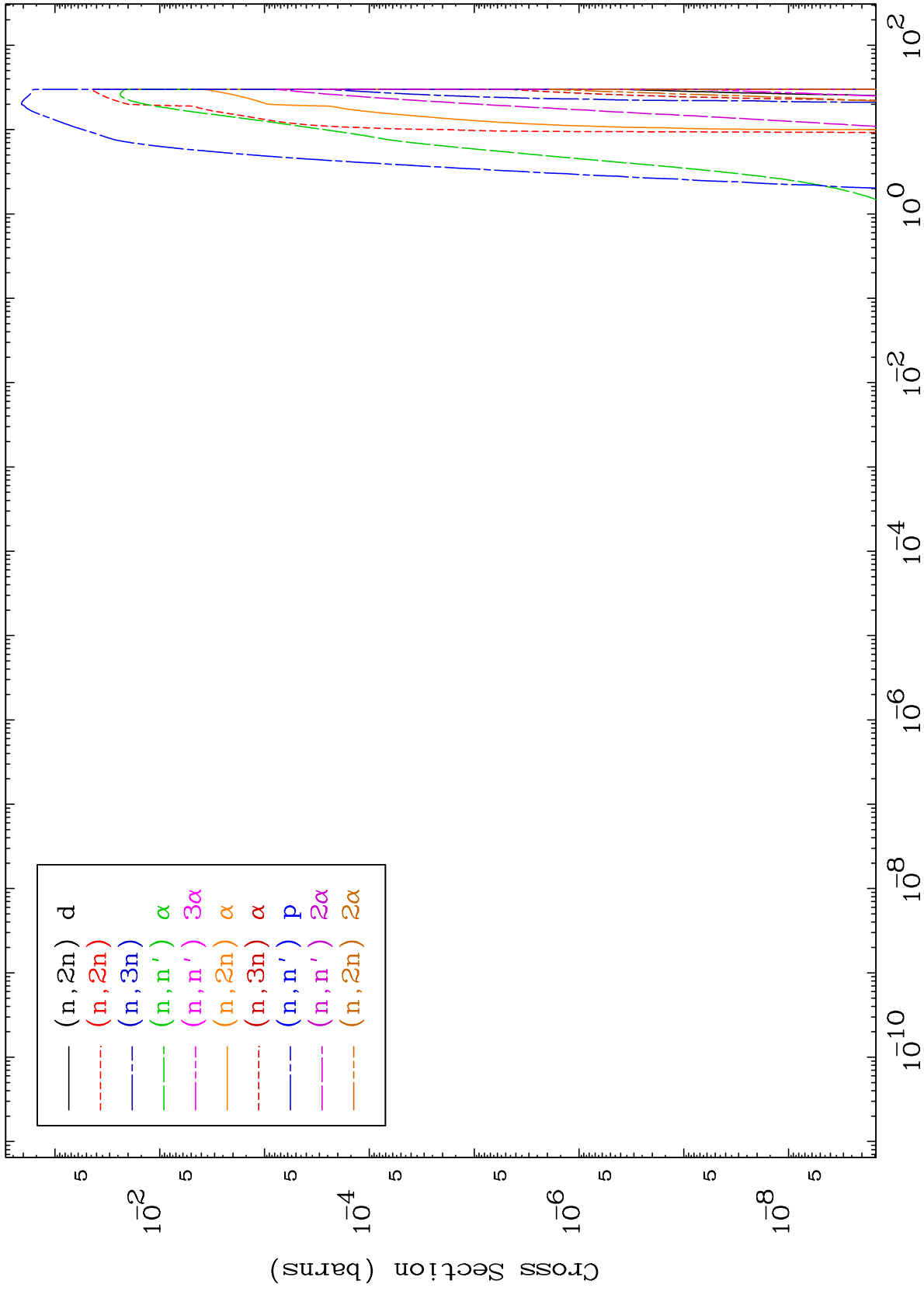
81-Tl-180



MAT 8056

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-180



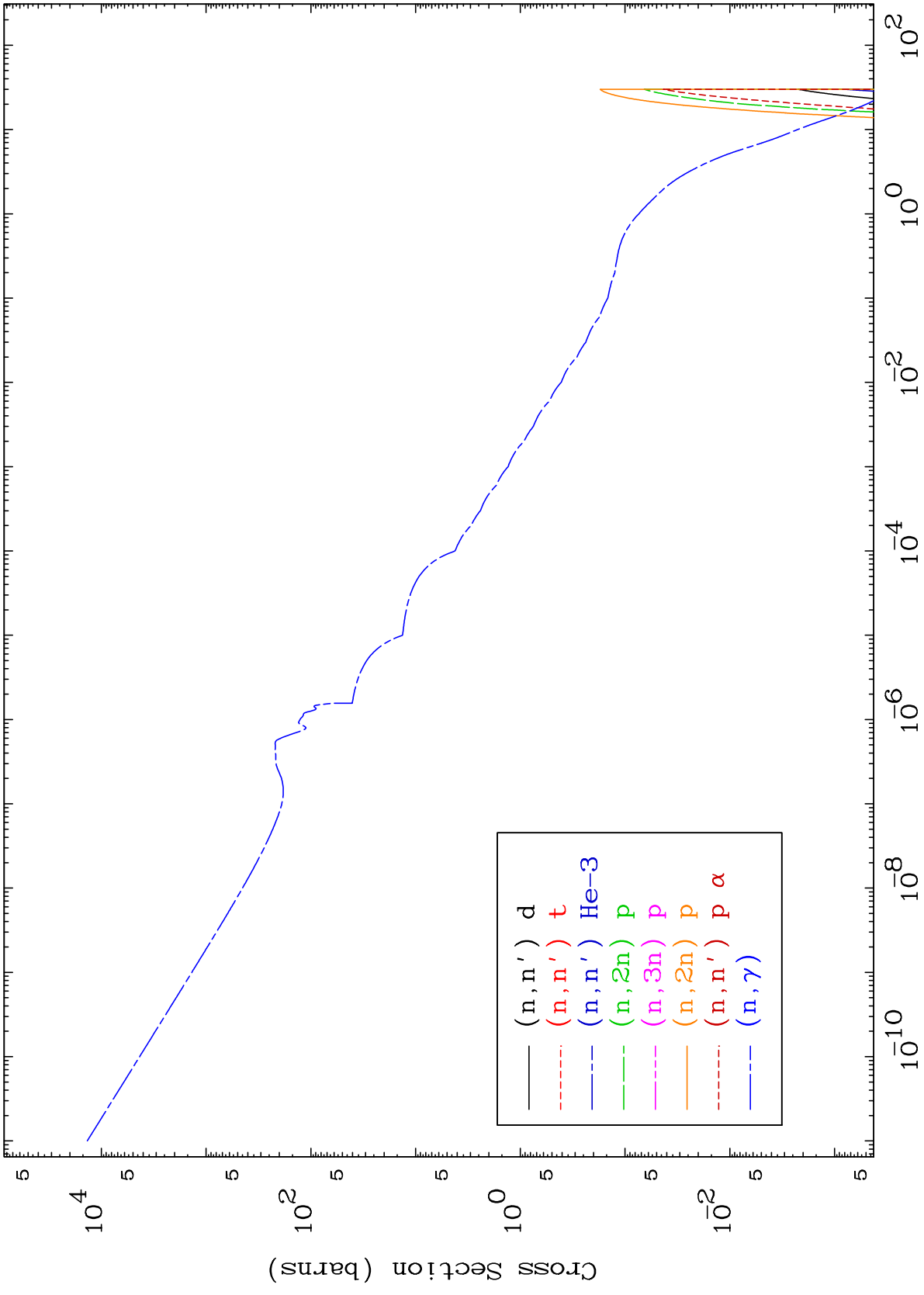
2

81-Tl-180

MAT 8056

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-180

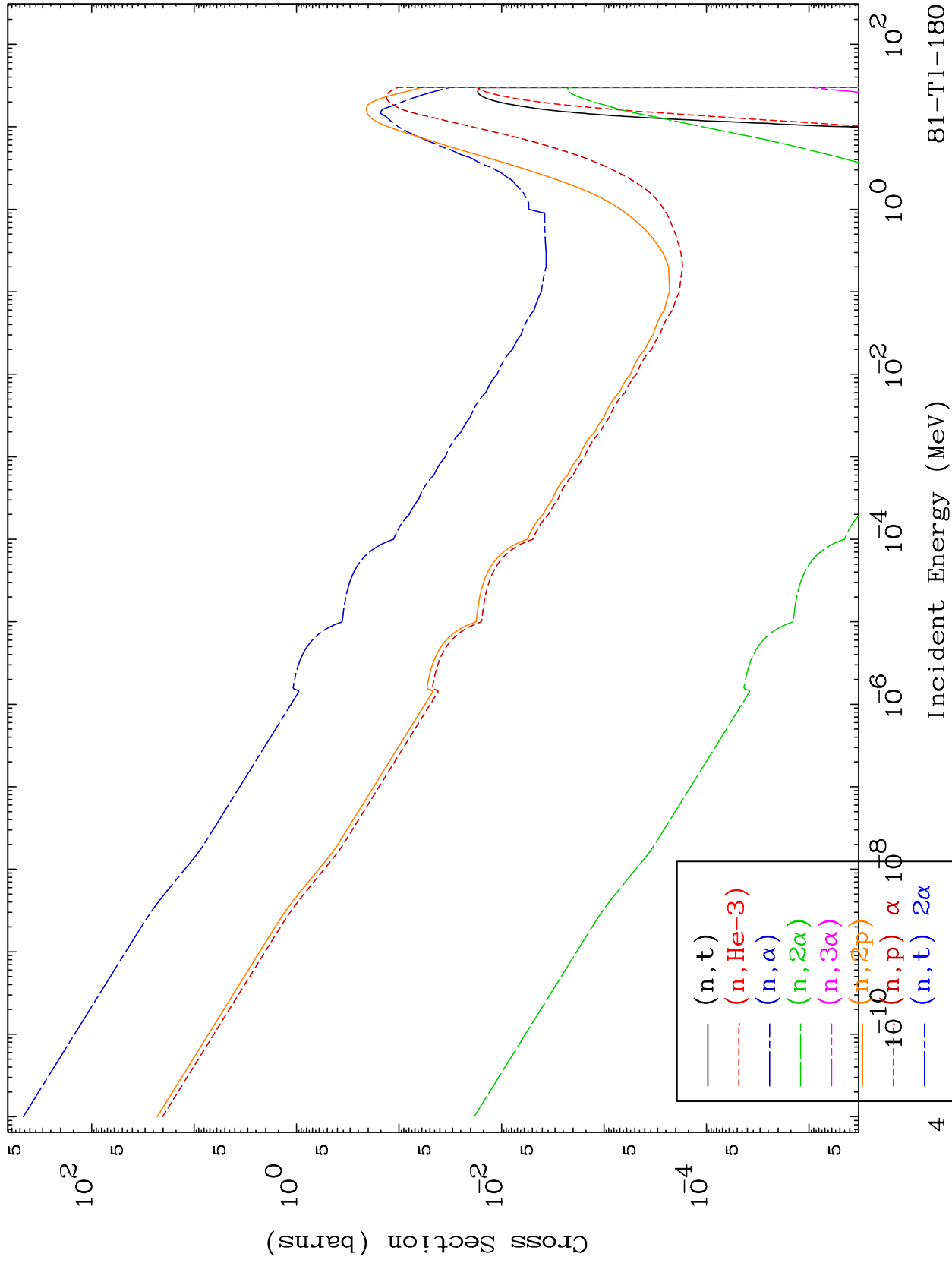


81-Tl-180

MAT 8056

Neutron Absorption
293 Kelvin Cross Sections

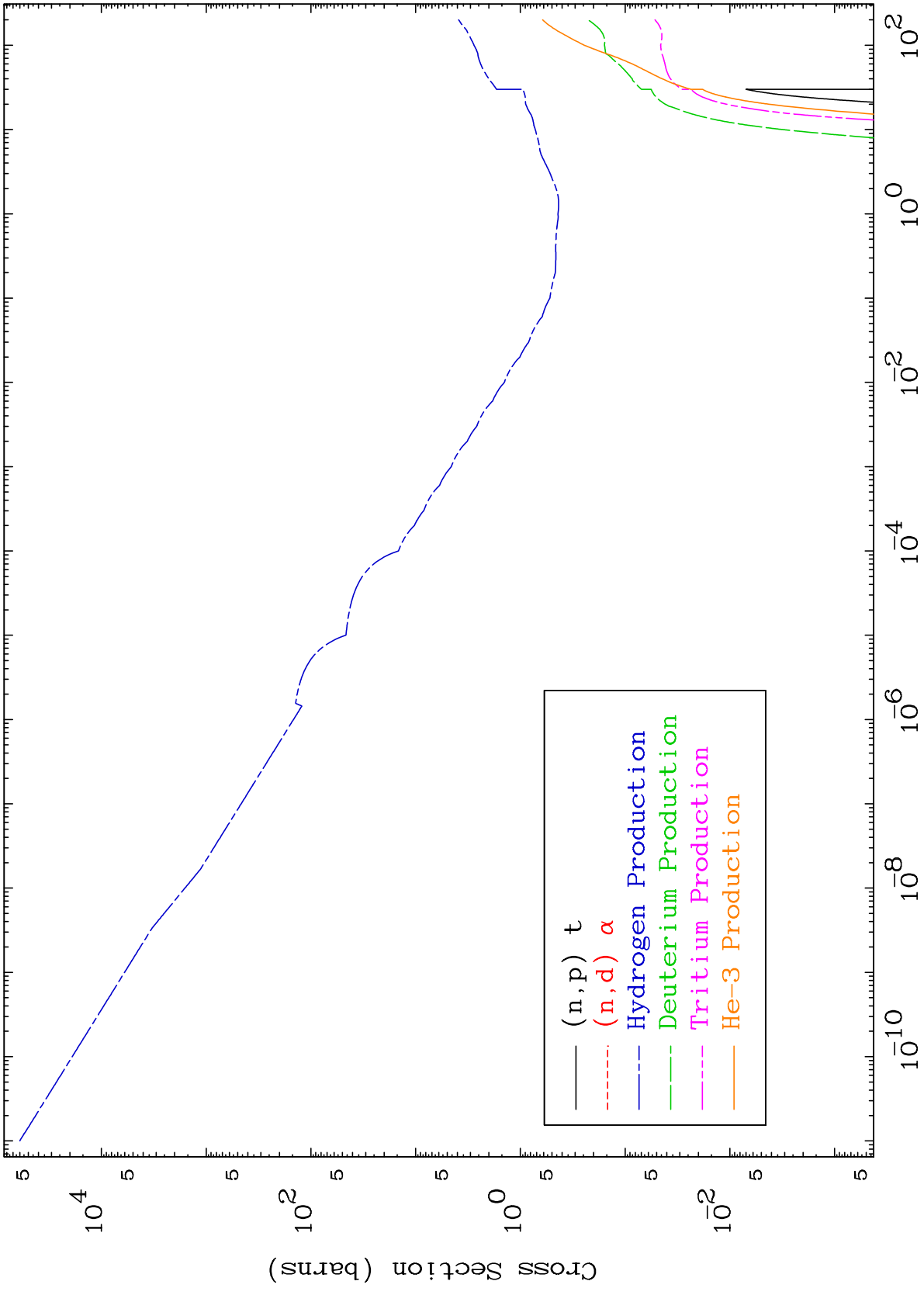
81-Tl-180



MAT 8056

Neutron Absorption
293 Kelvin Cross Sections

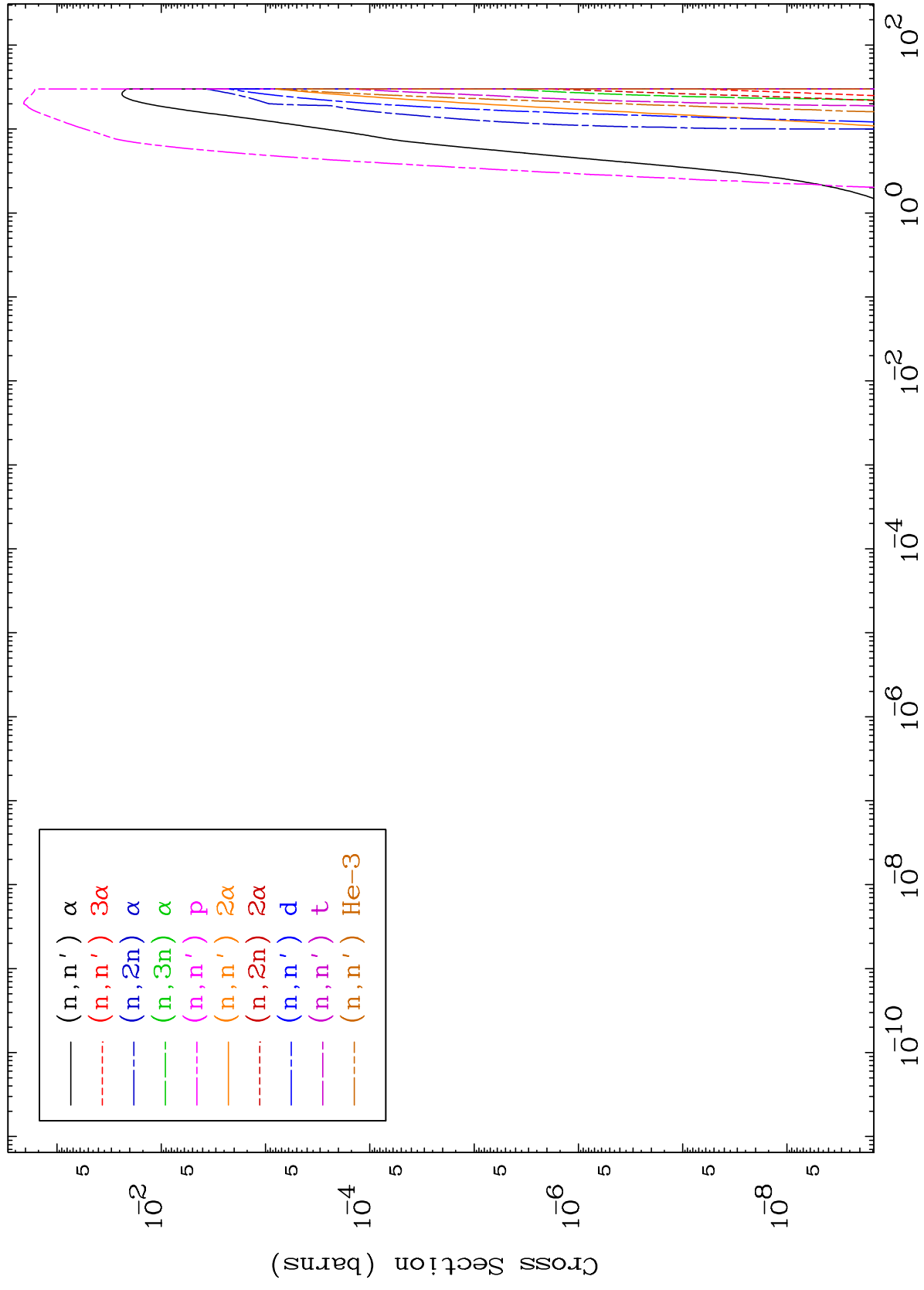
81-Tl-180



MAT 8056

293 Kelvin Cross Sections

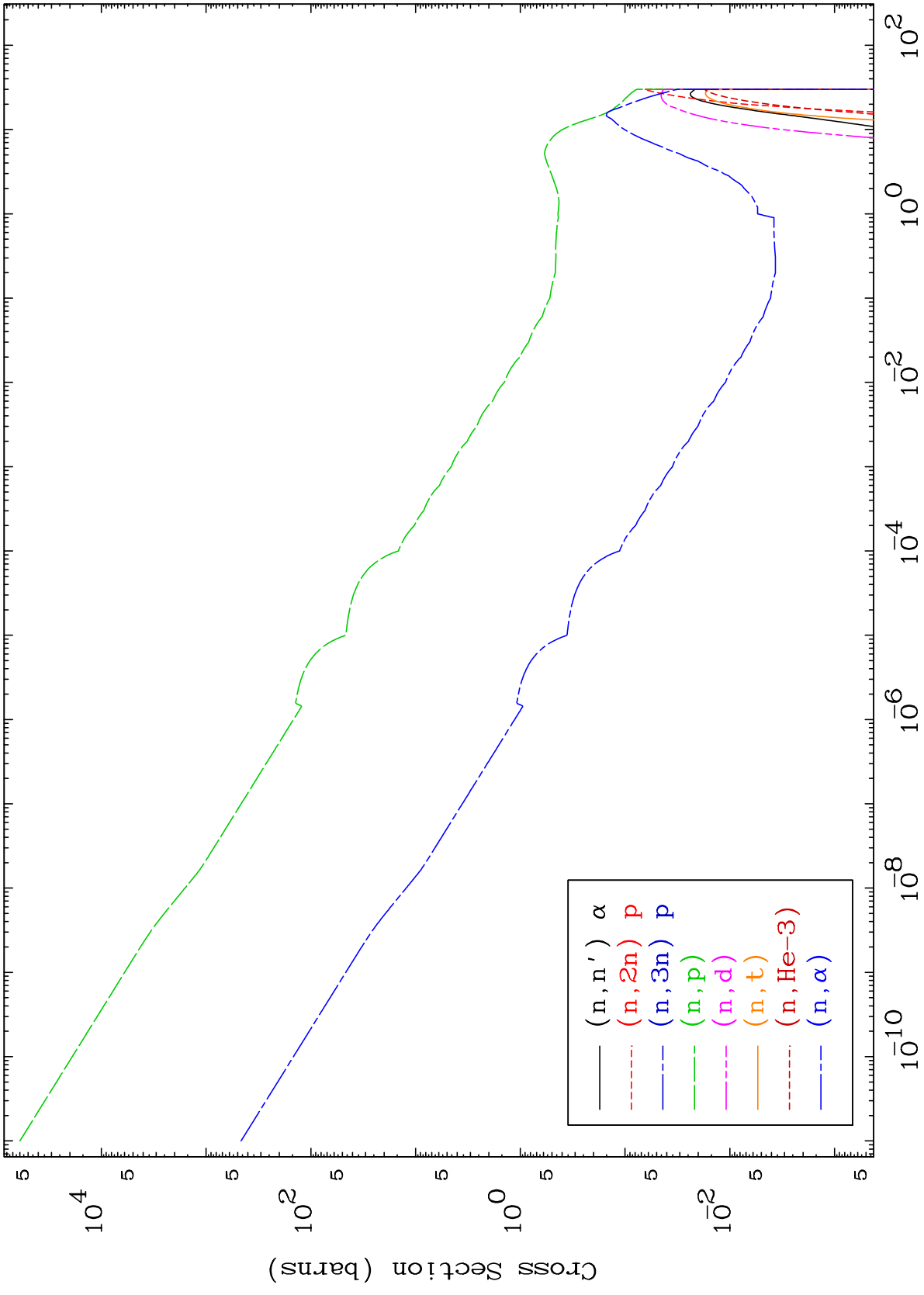
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MAT 80566

293 Kelvin Cross Sections

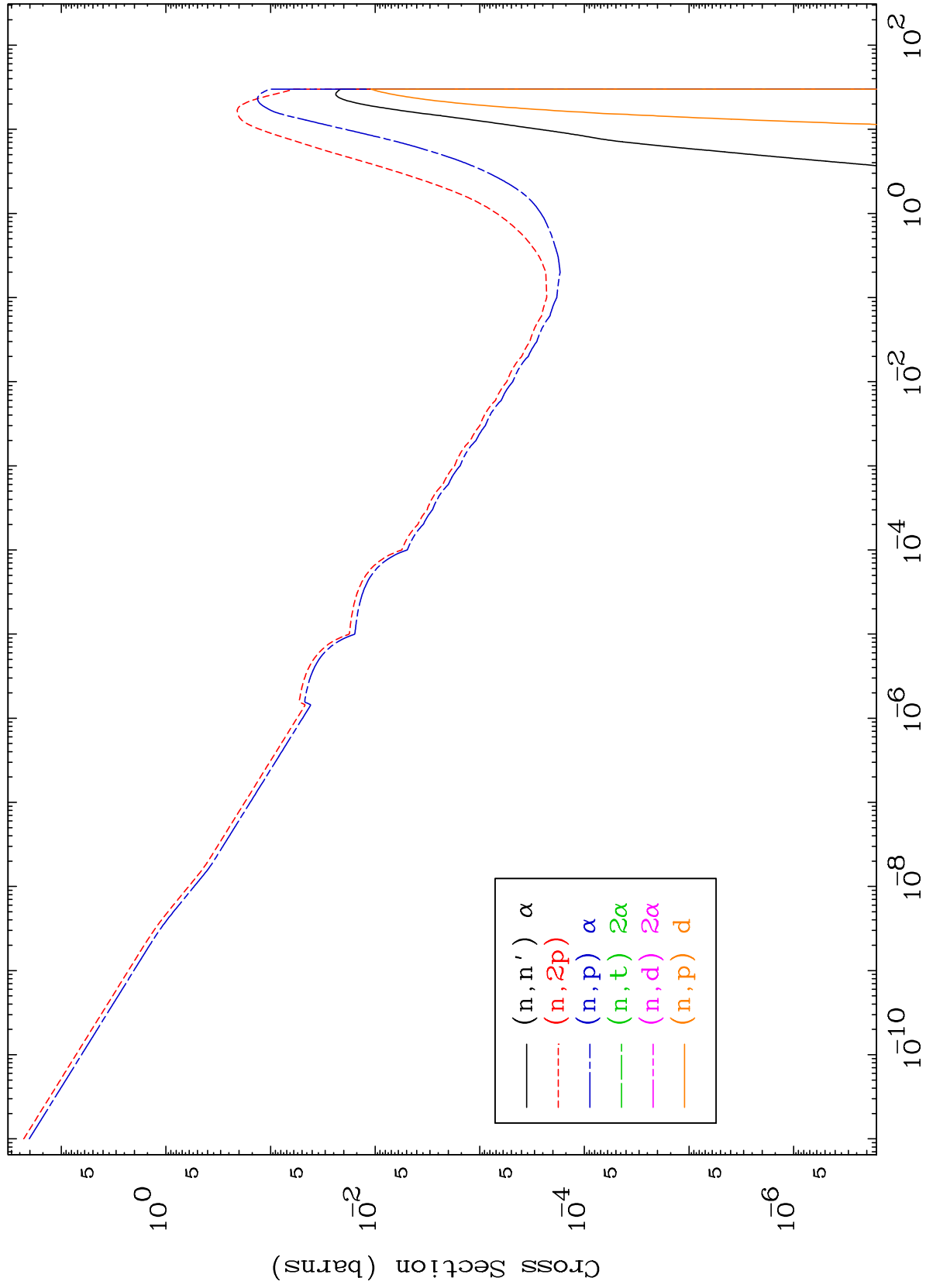
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MAT 8056

Charged Particle
293 Kelvin Cross Sections

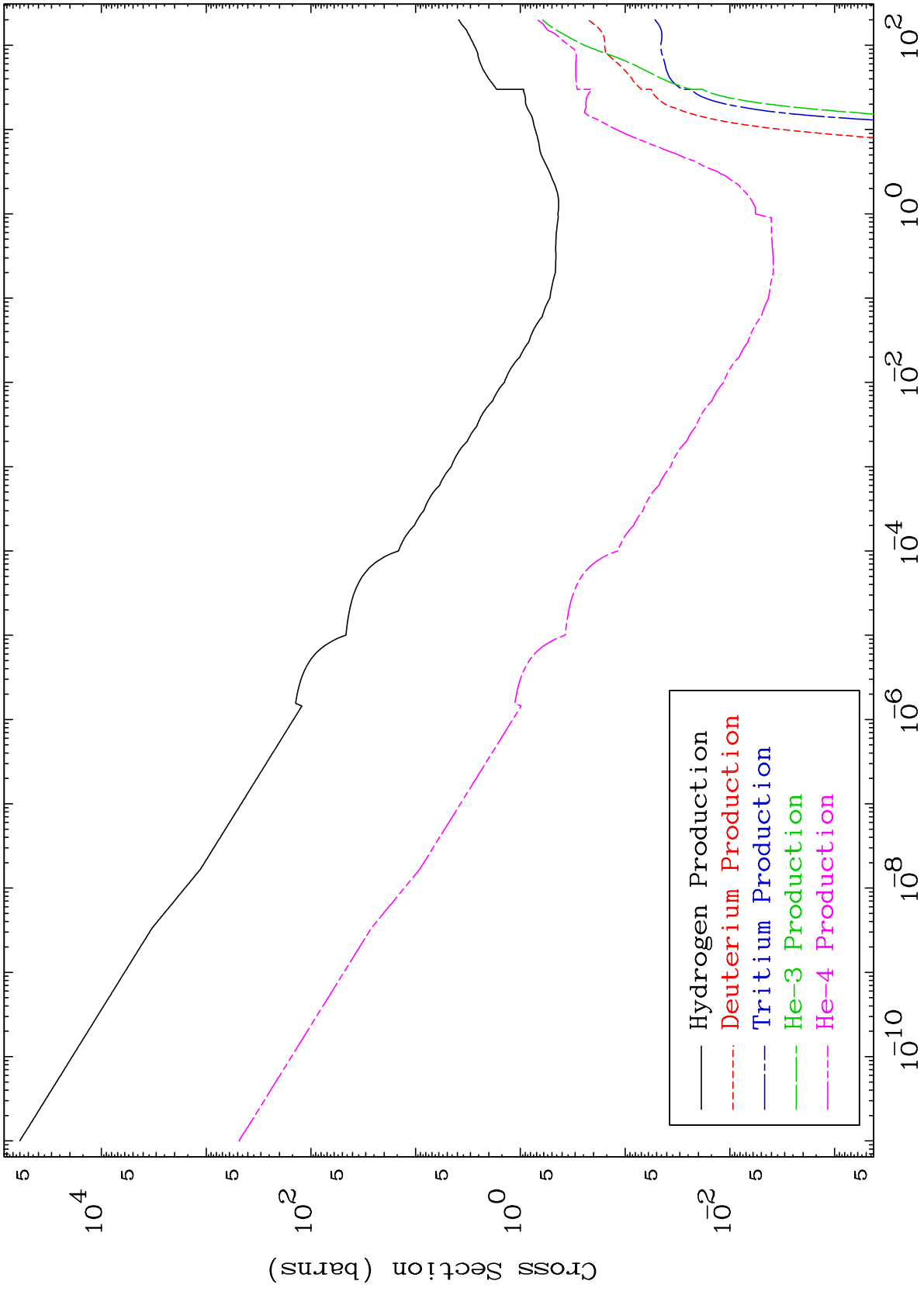
81-Tl-180



MAT 8056

Particle Production
293 Kelvin Cross Sections

81-T1-180

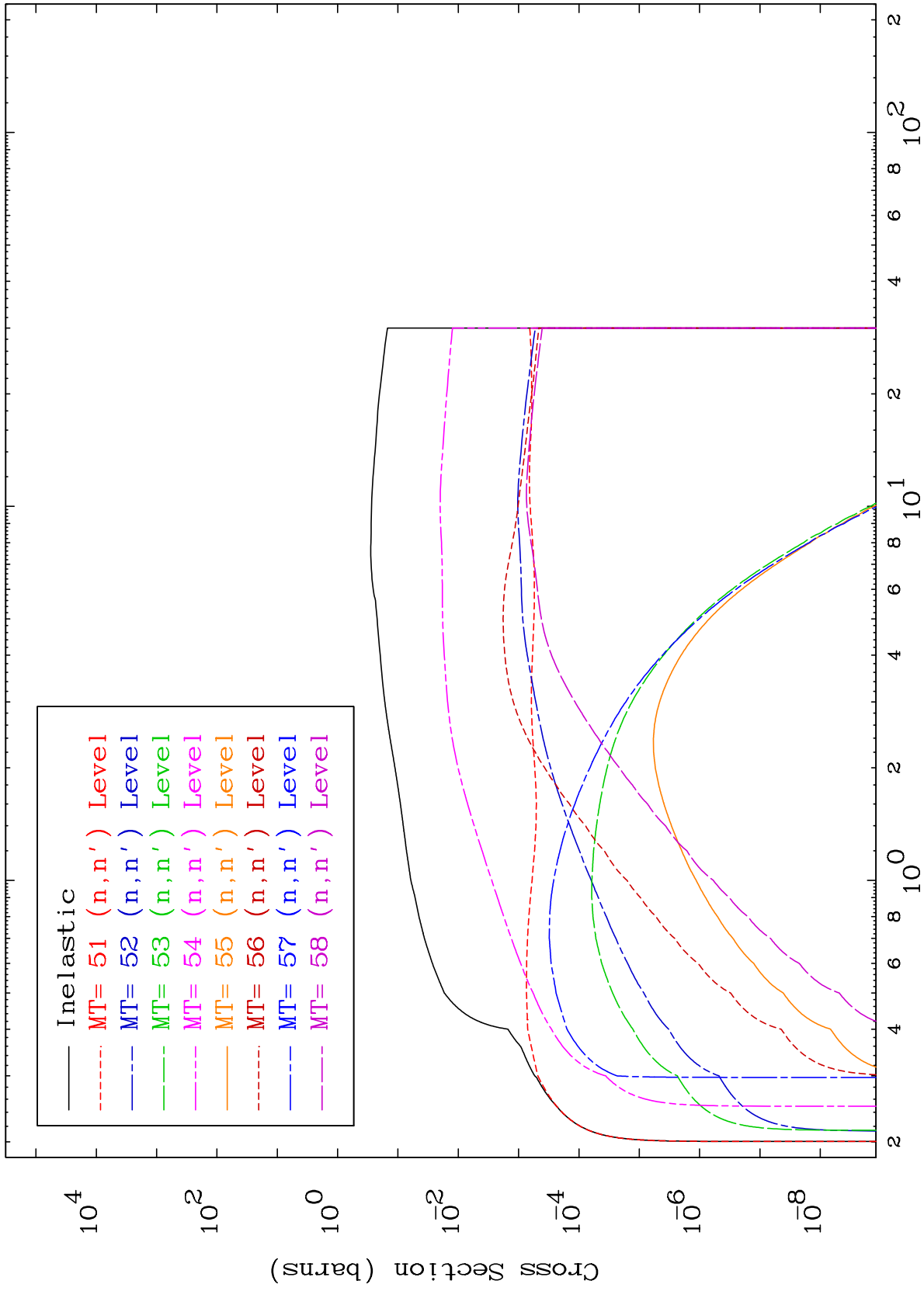


81-T1-180

MAT 8056

293 Kelvin Cross Sections
(n,n') Levels

81-Tl-180



10

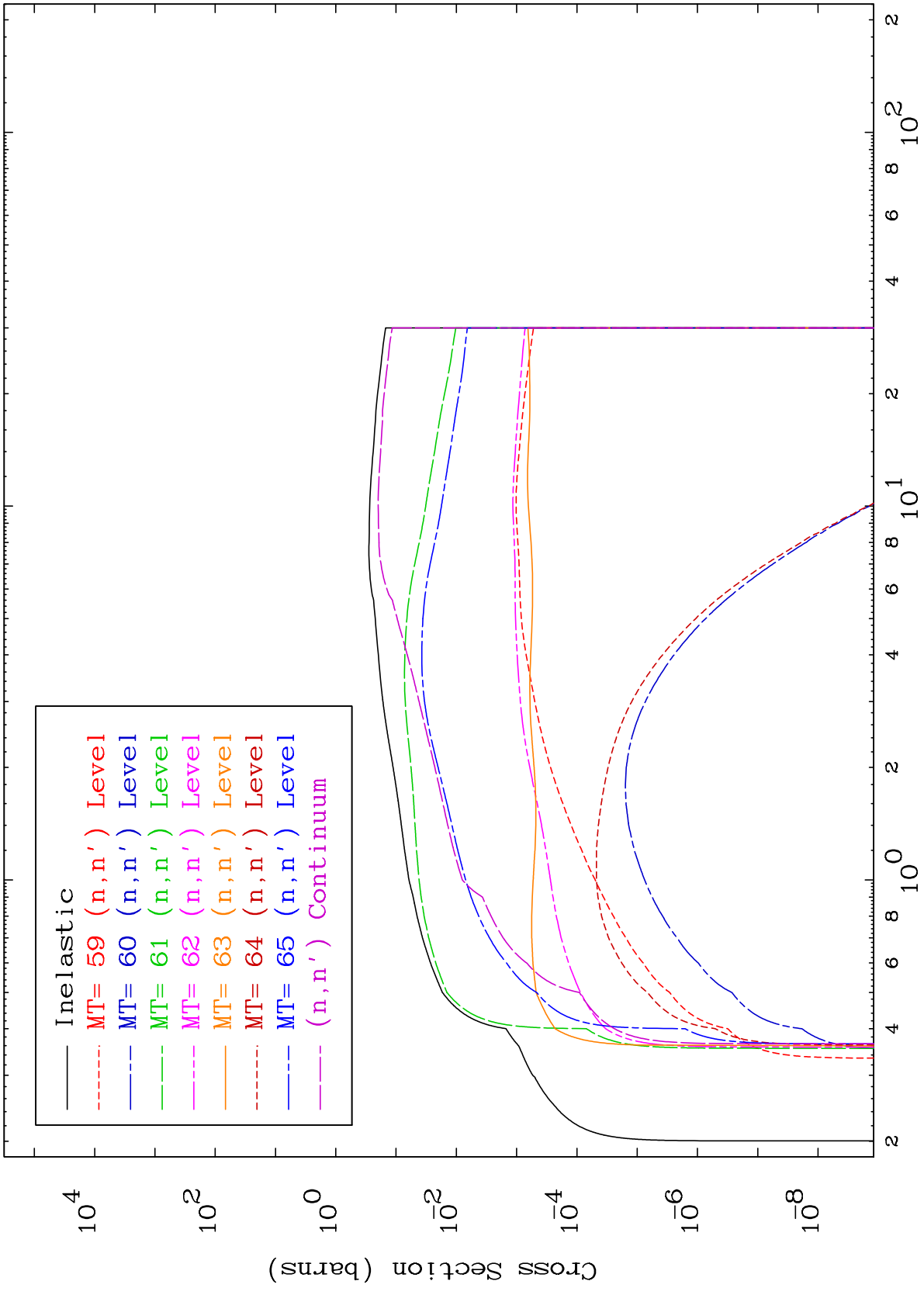
Incident Energy (MeV)

81-Tl-180

MAT 80566

(n,n') Levels
293 Kelvin Cross Sections

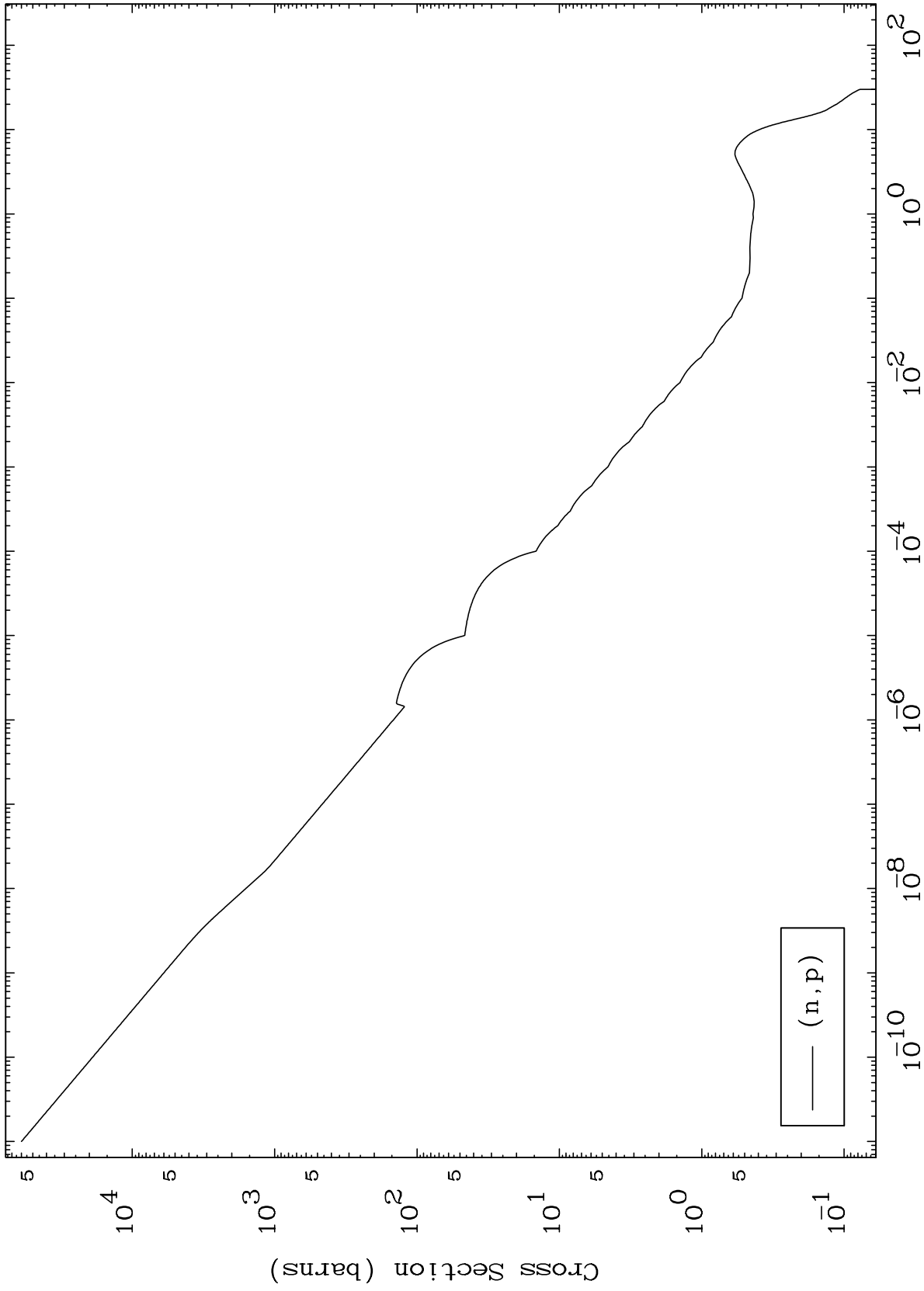
81-Tl-180



MAT 8056

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-180



12

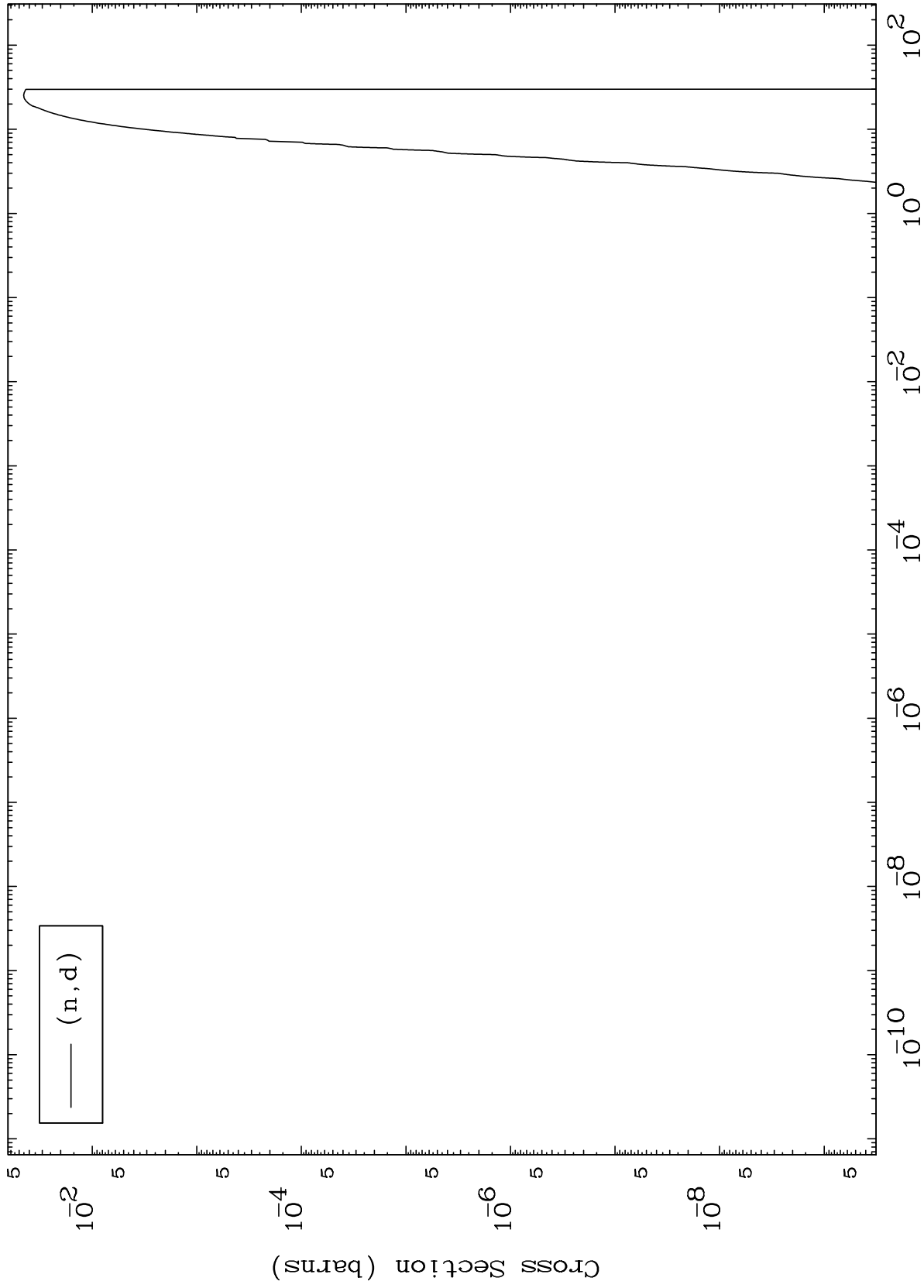
Incident Energy (MeV)

81-Tl-180

MAT 8056

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-180



13

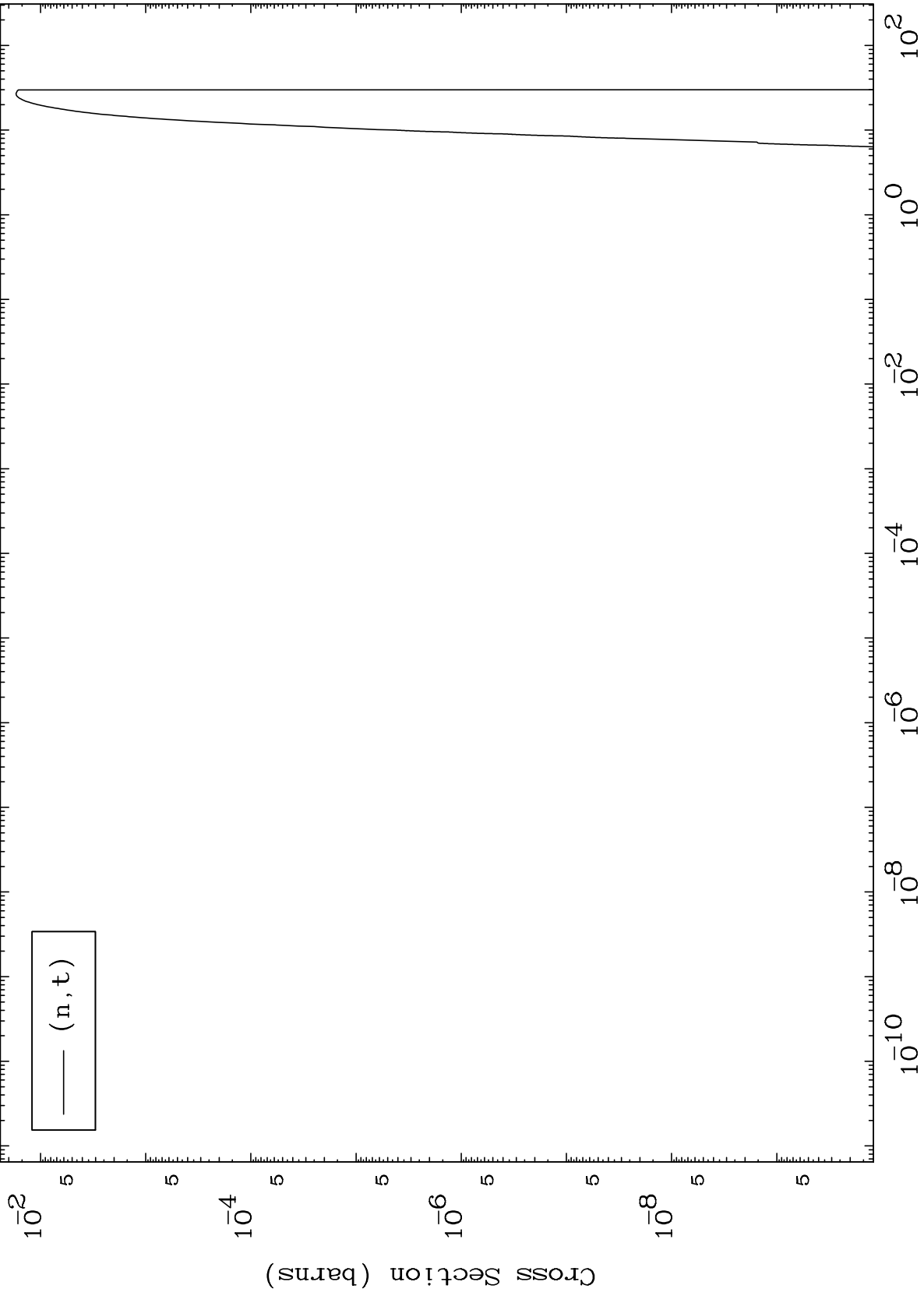
Incident Energy (MeV)

81-Tl-180

MAT 8056

(n,t) Levels
293 Kelvin Cross Sections

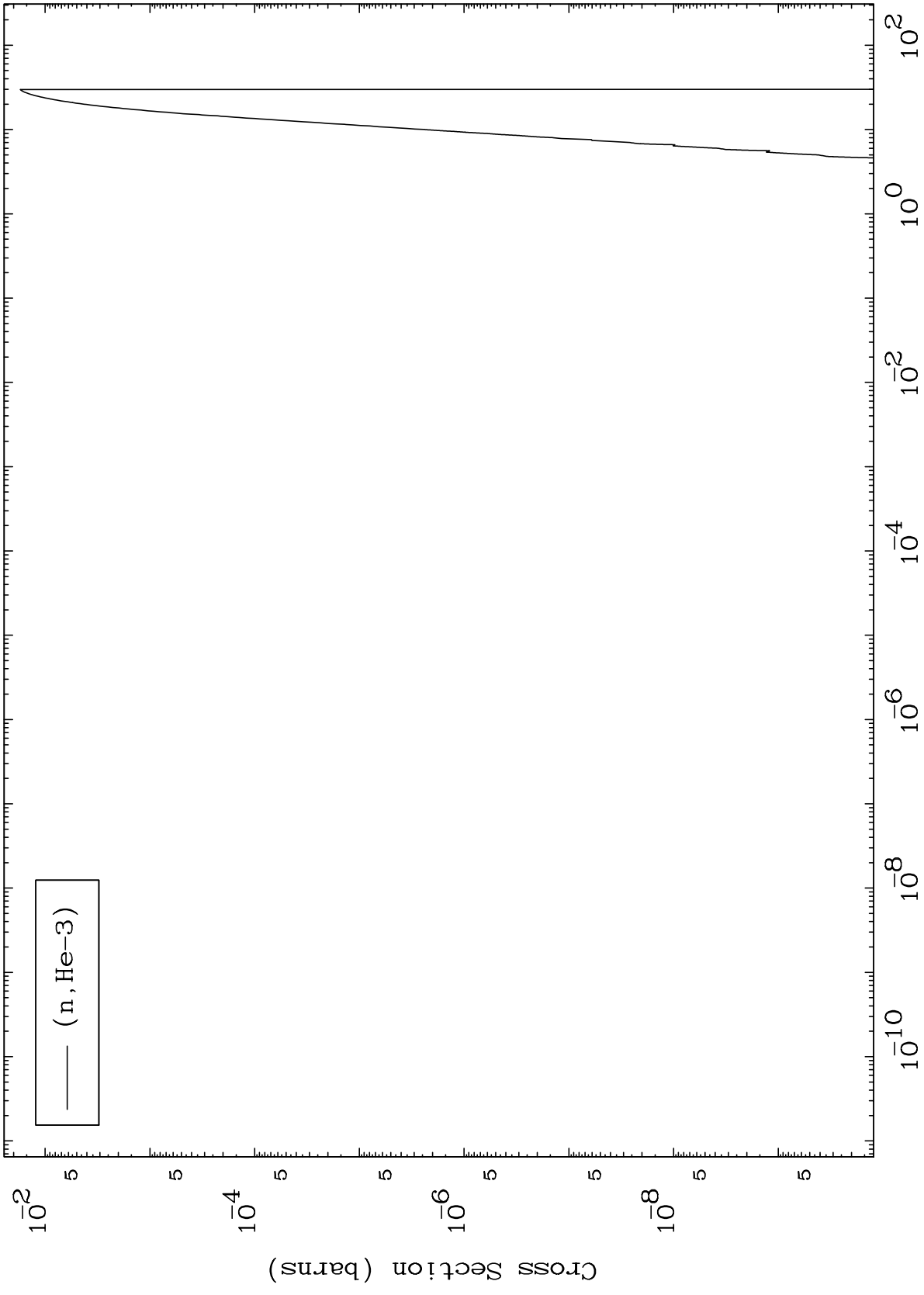
81-Tl-180



MAT 8056

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-180



15

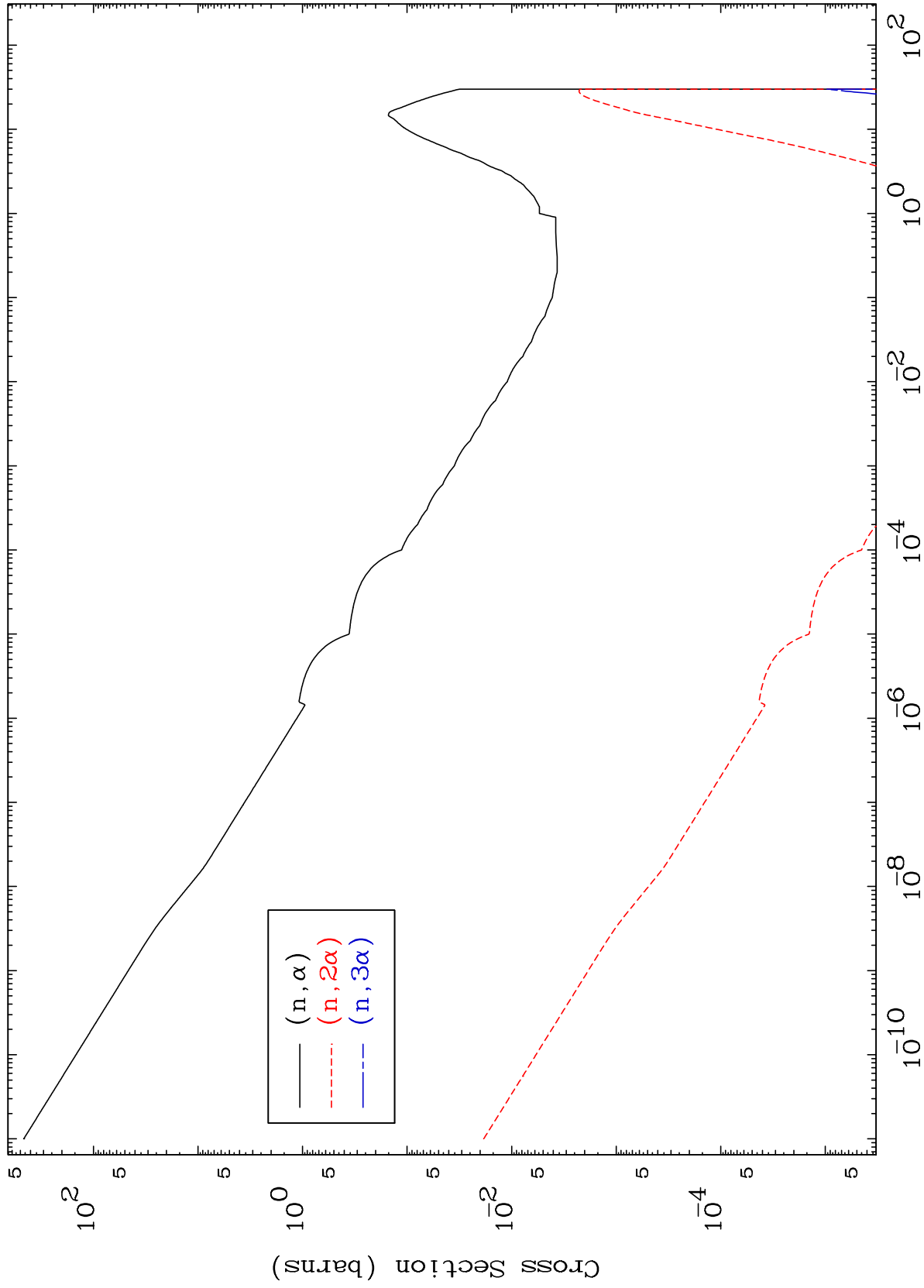
Incident Energy (MeV)

81-Tl-180

MAT 8056

(n,α) Levels
293 Kelvin Cross Sections

81-T1-180



16

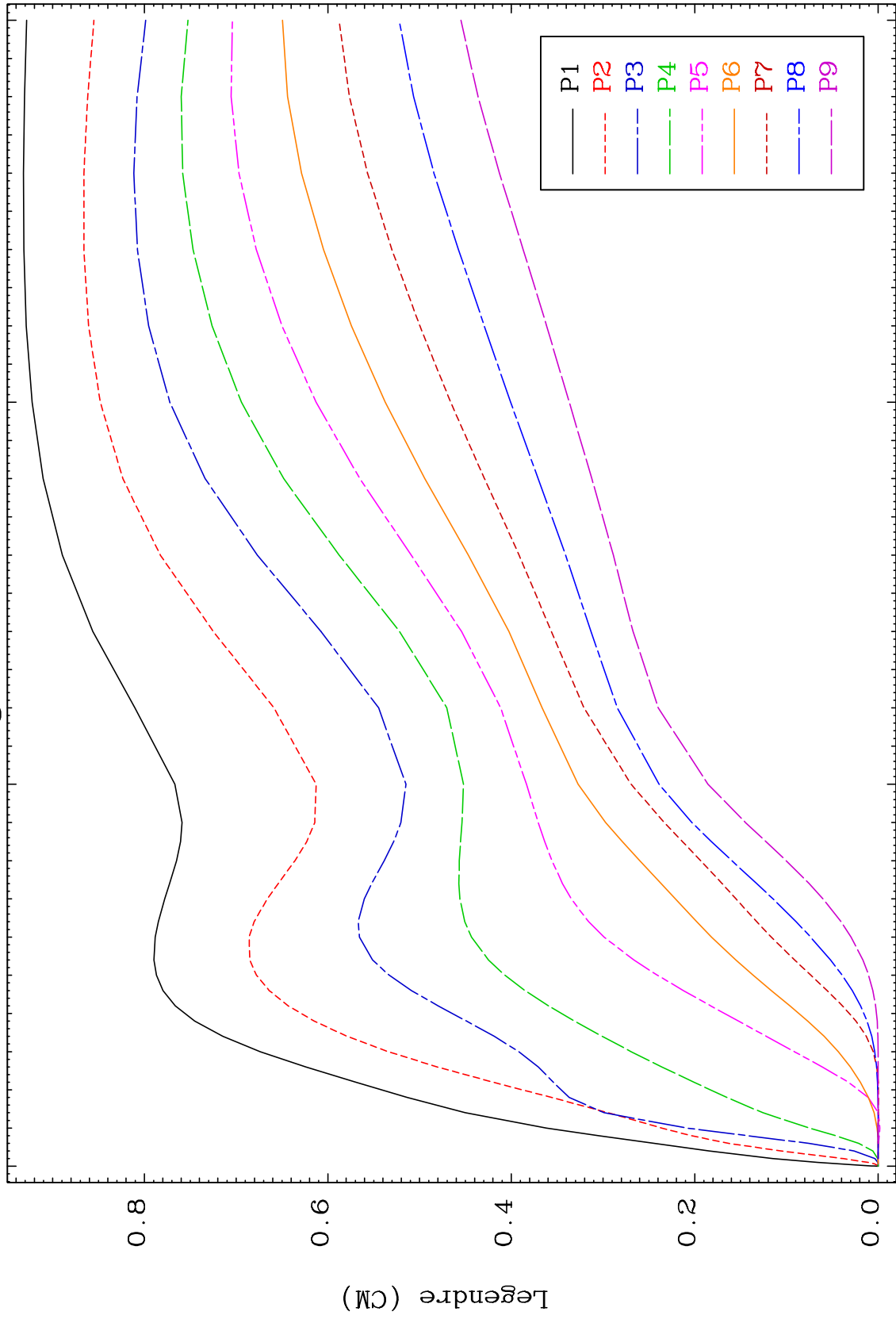
Incident Energy (MeV)

81-T1-180

MAT 8056

Elastic Legendre Coefficients

81-T1-180



17

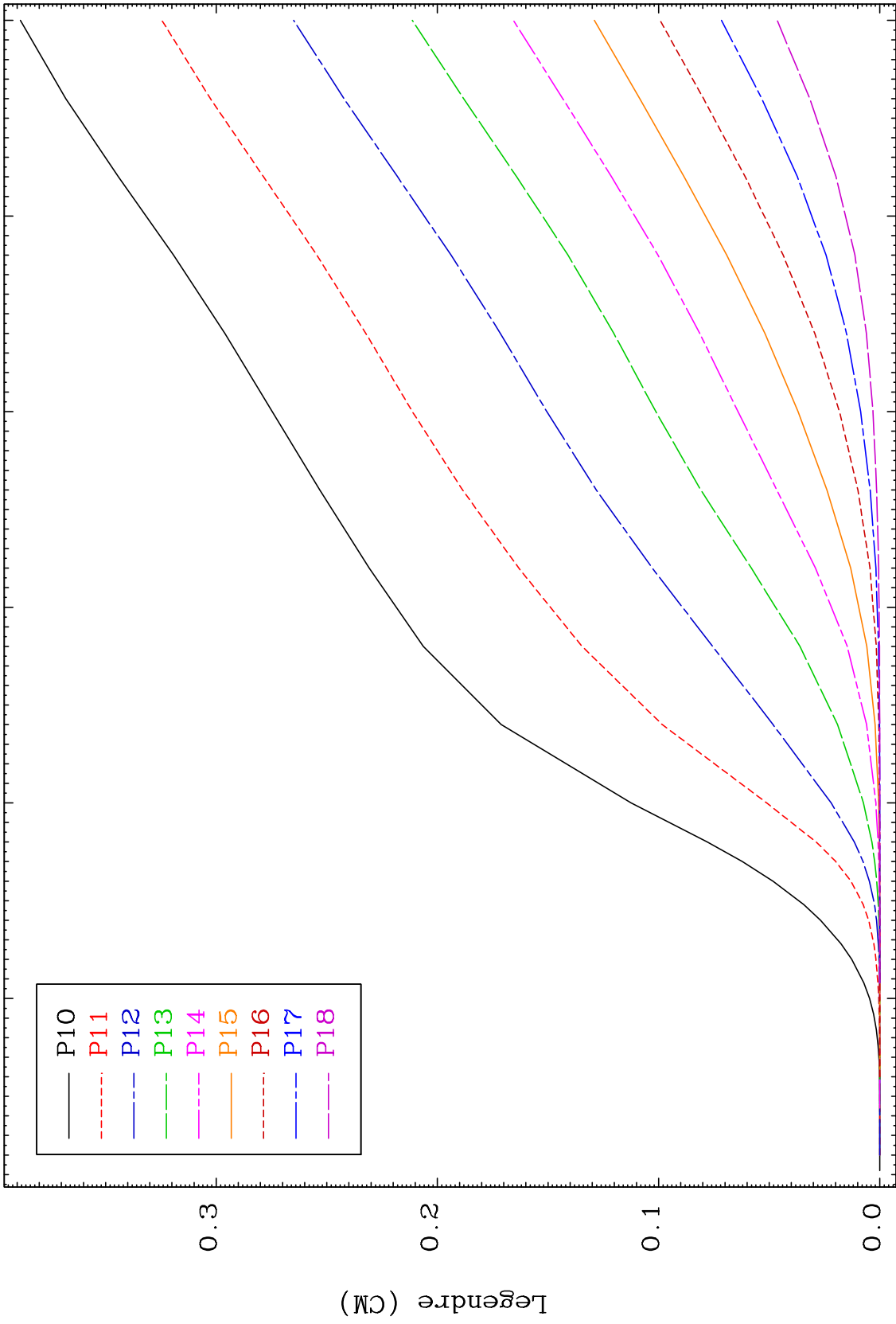
Incident Energy (MeV)

81-T1-180

MAT 8056

Elastic Legendre Coefficients

81-Tl-180



18

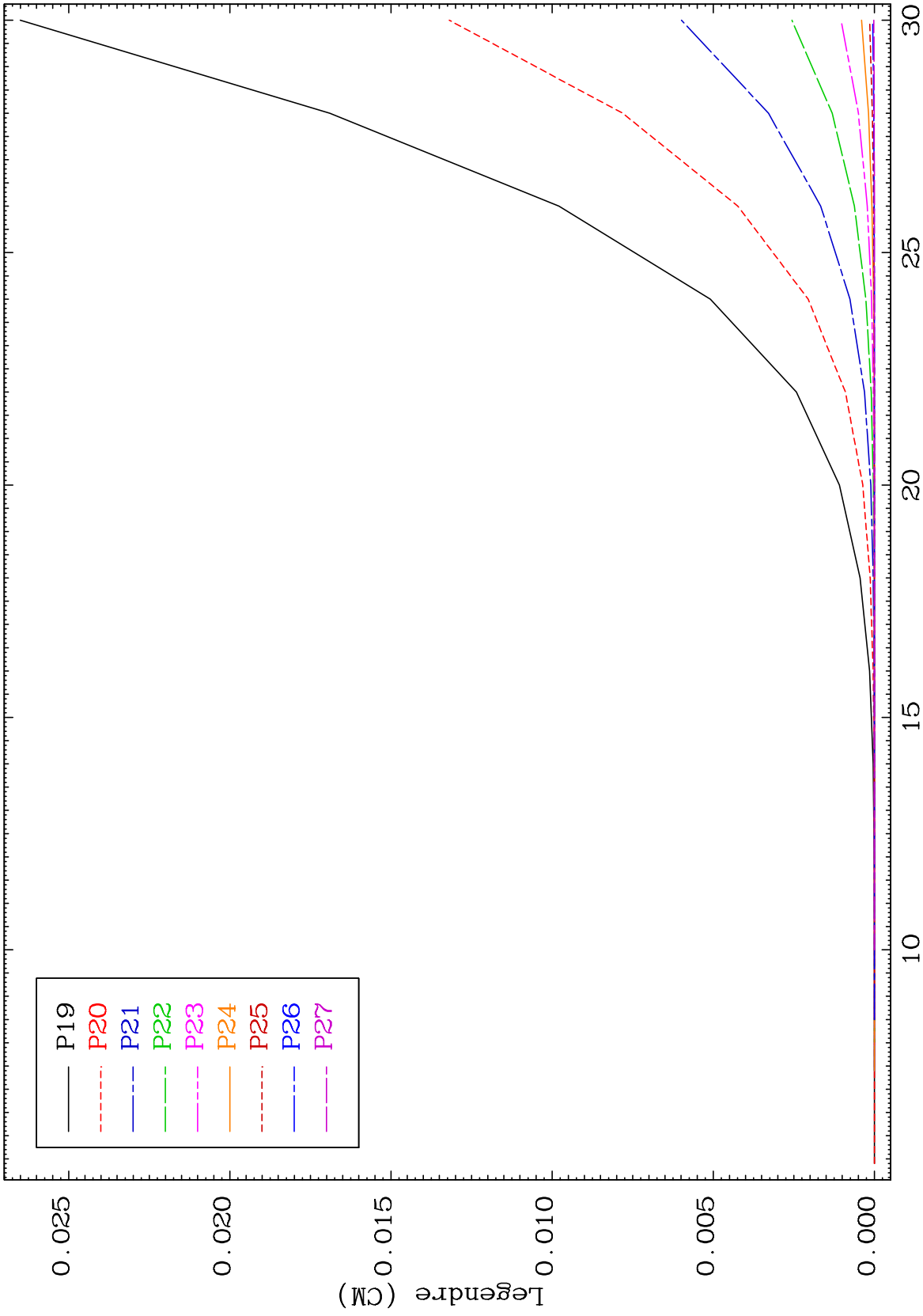
Incident Energy (MeV)

81-Tl-180

MAT 8056

Elastic Legendre Coefficients

81-T1-180



19

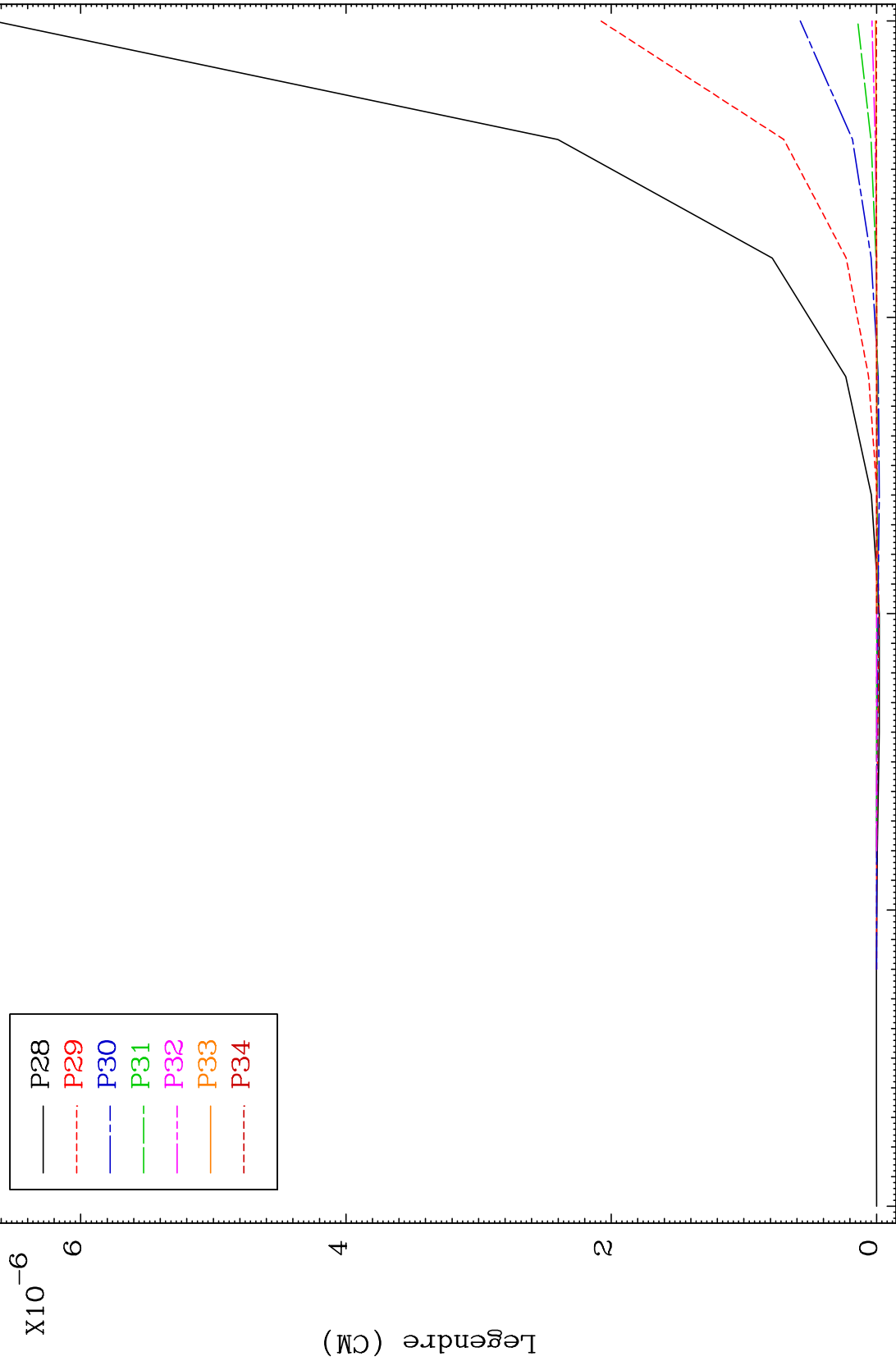
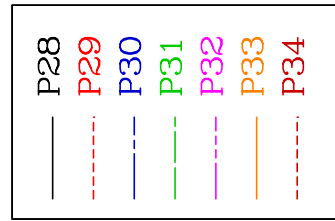
Incident Energy (MeV)

81-T1-180

MAT 8056

Elastic Legendre Coefficients

81-Tl-180

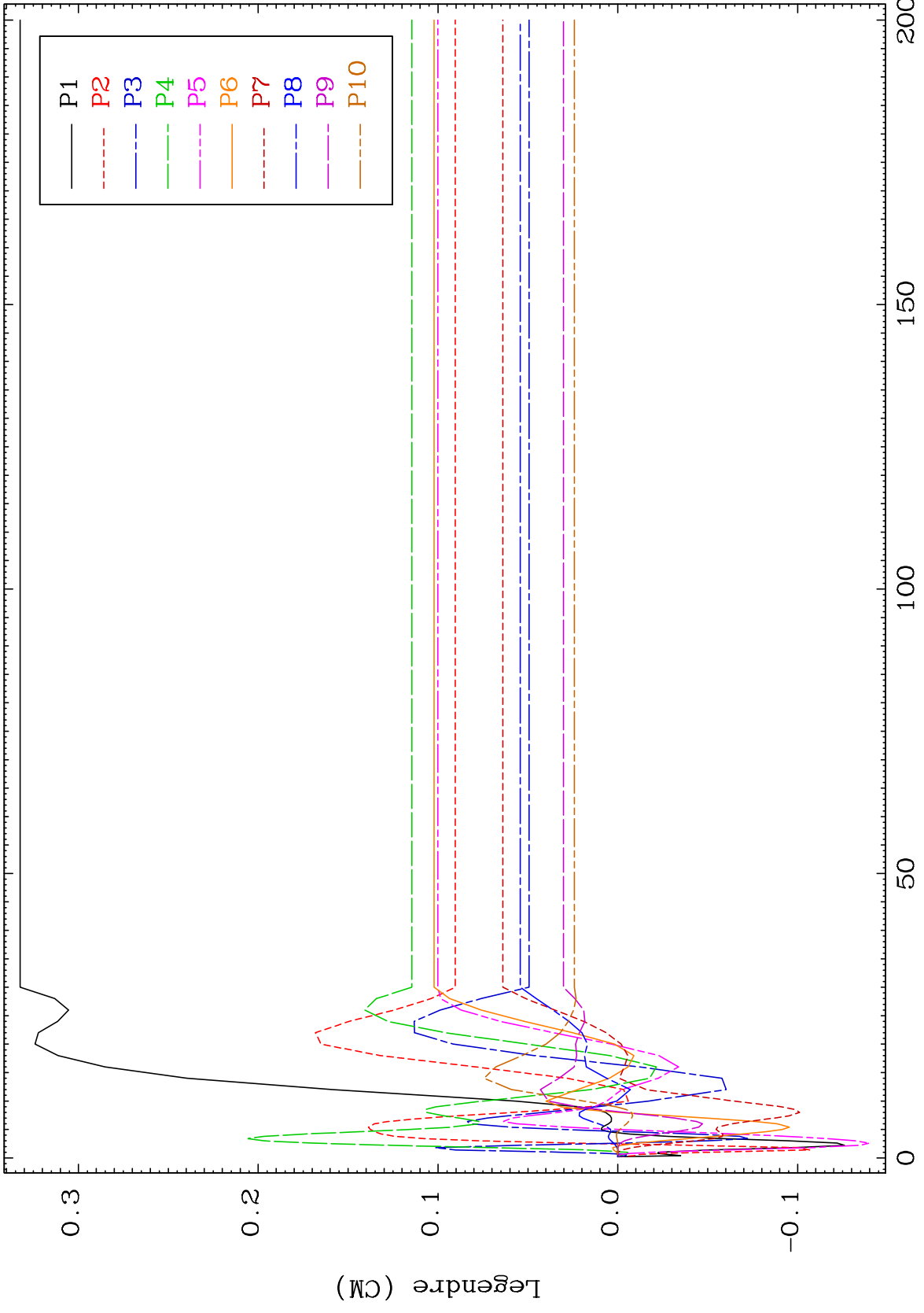


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Incident Energy (MeV)

81-Tl-180

MAT 8056 MT= 51 (n,n') Level Legendre Coefficients 81-T1-180

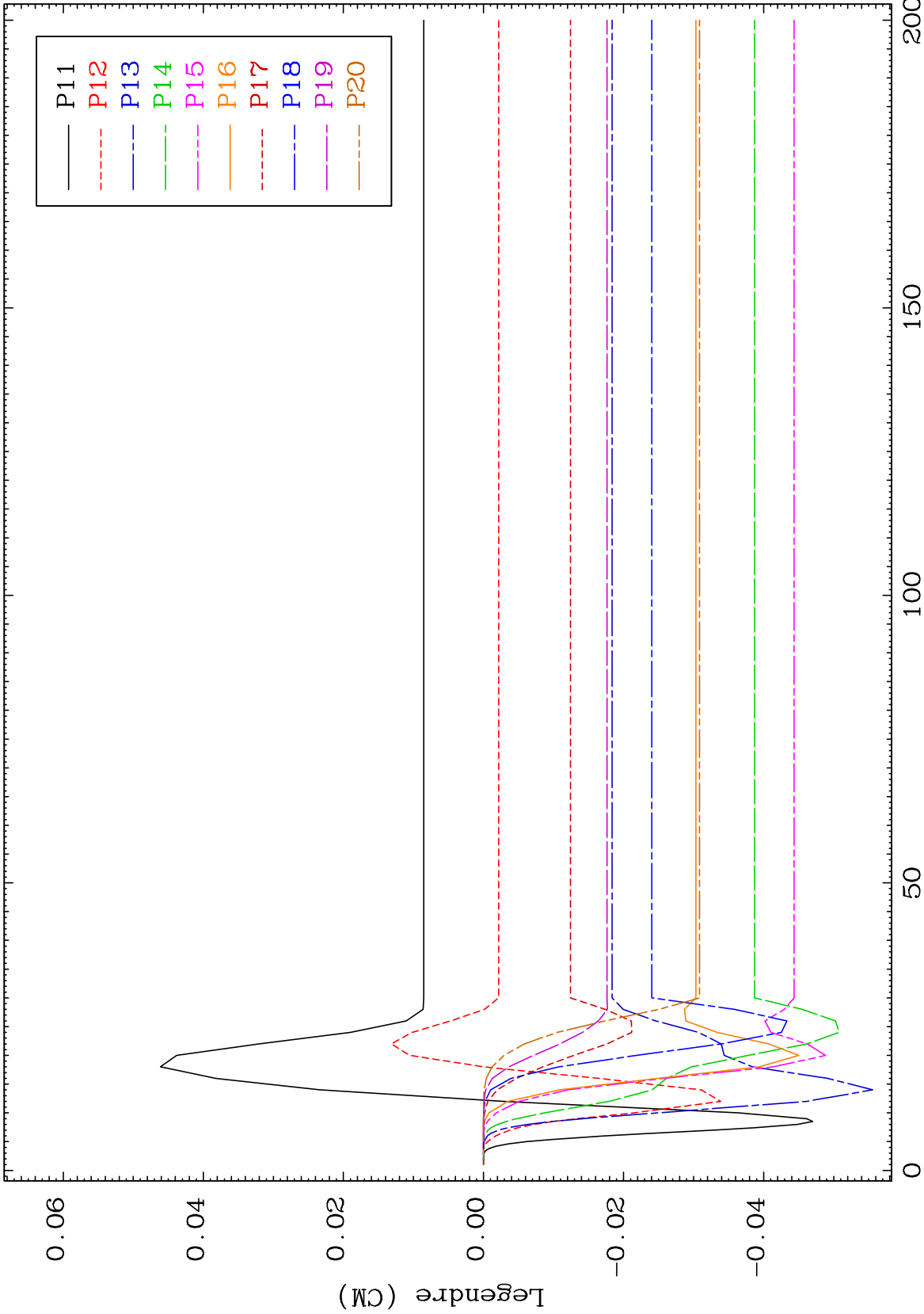


21 Incident Energy (MeV) 81-T1-180

MAT 8056

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

81-Tl-180

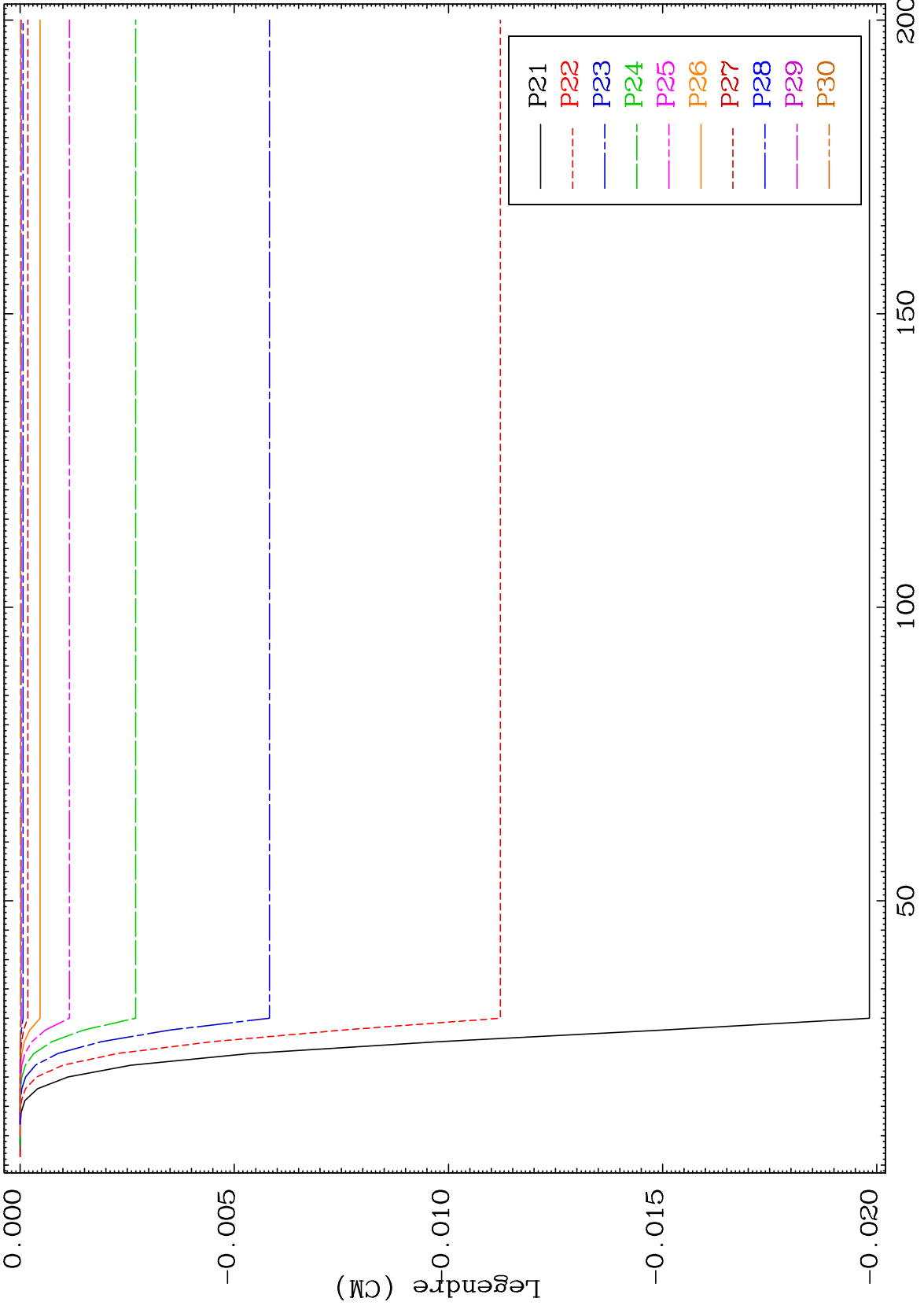


22

Incident Energy (MeV)

81-Tl-180

MAT 8056 MT= 51 (n,n') Level Legendre Coefficients 81-T1-180

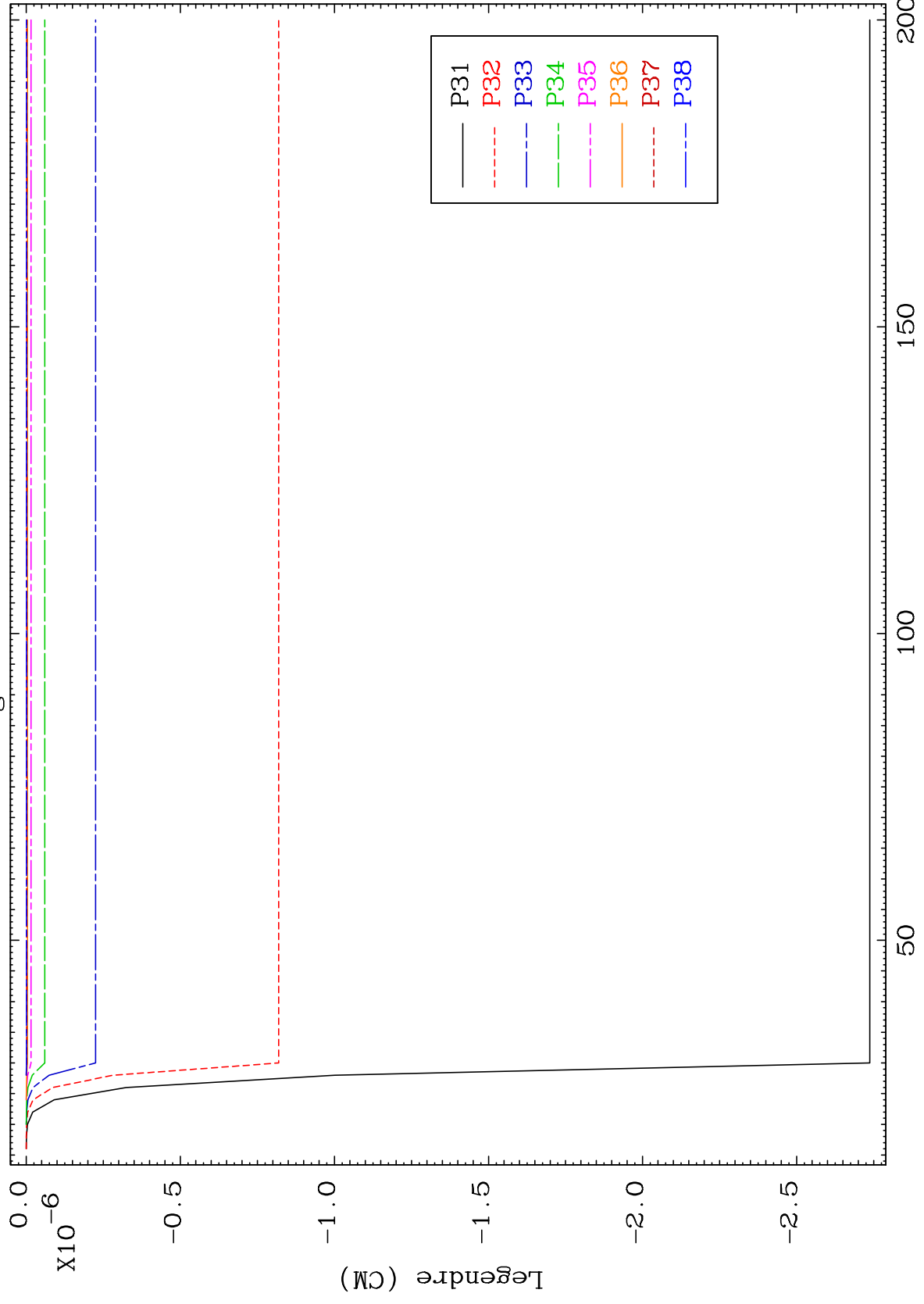


23 81-T1-180

MAT 8056

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

81-Tl-180



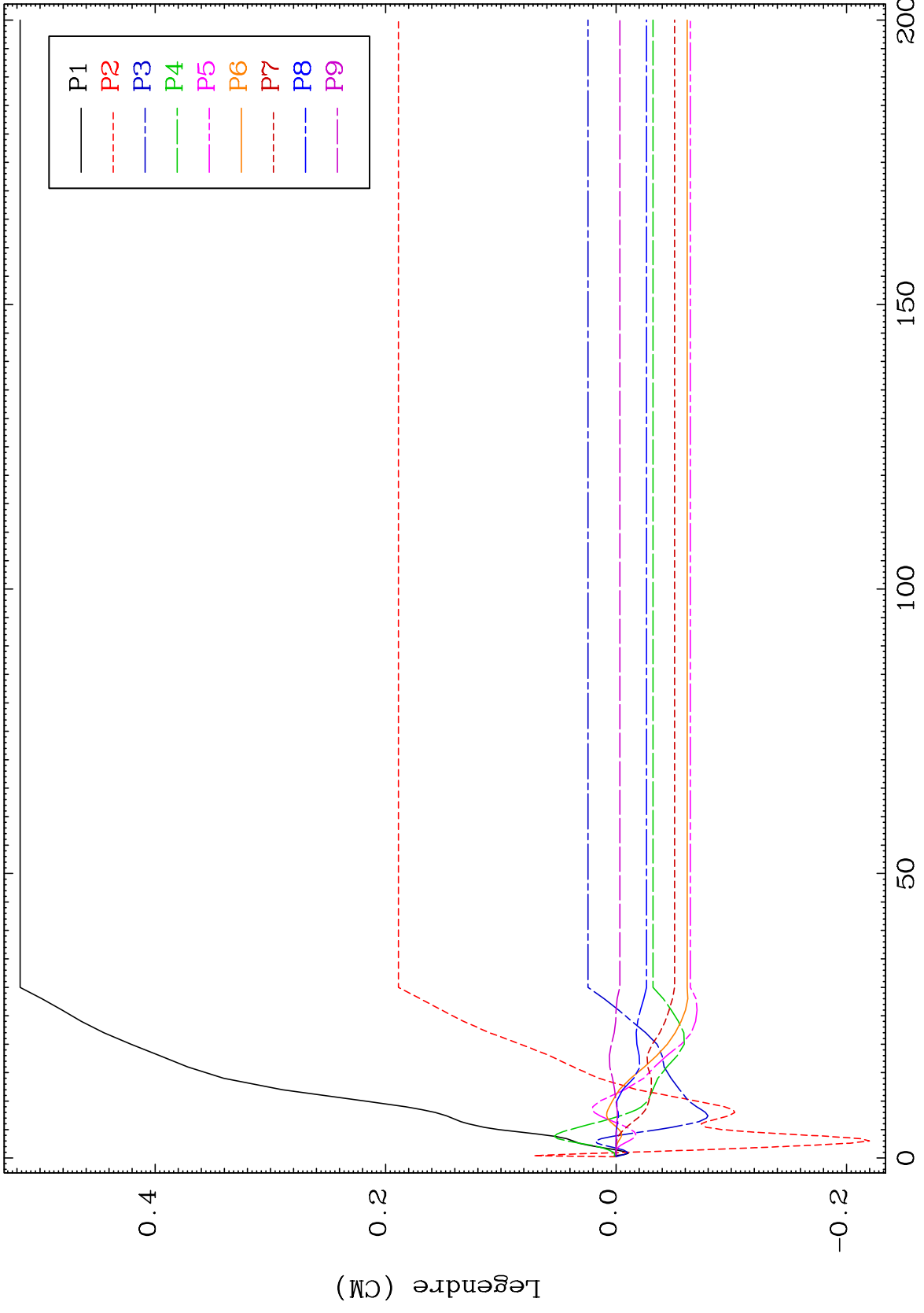
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81-Tl-180

MAT 8056

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

81-T1-180



81-T1-180

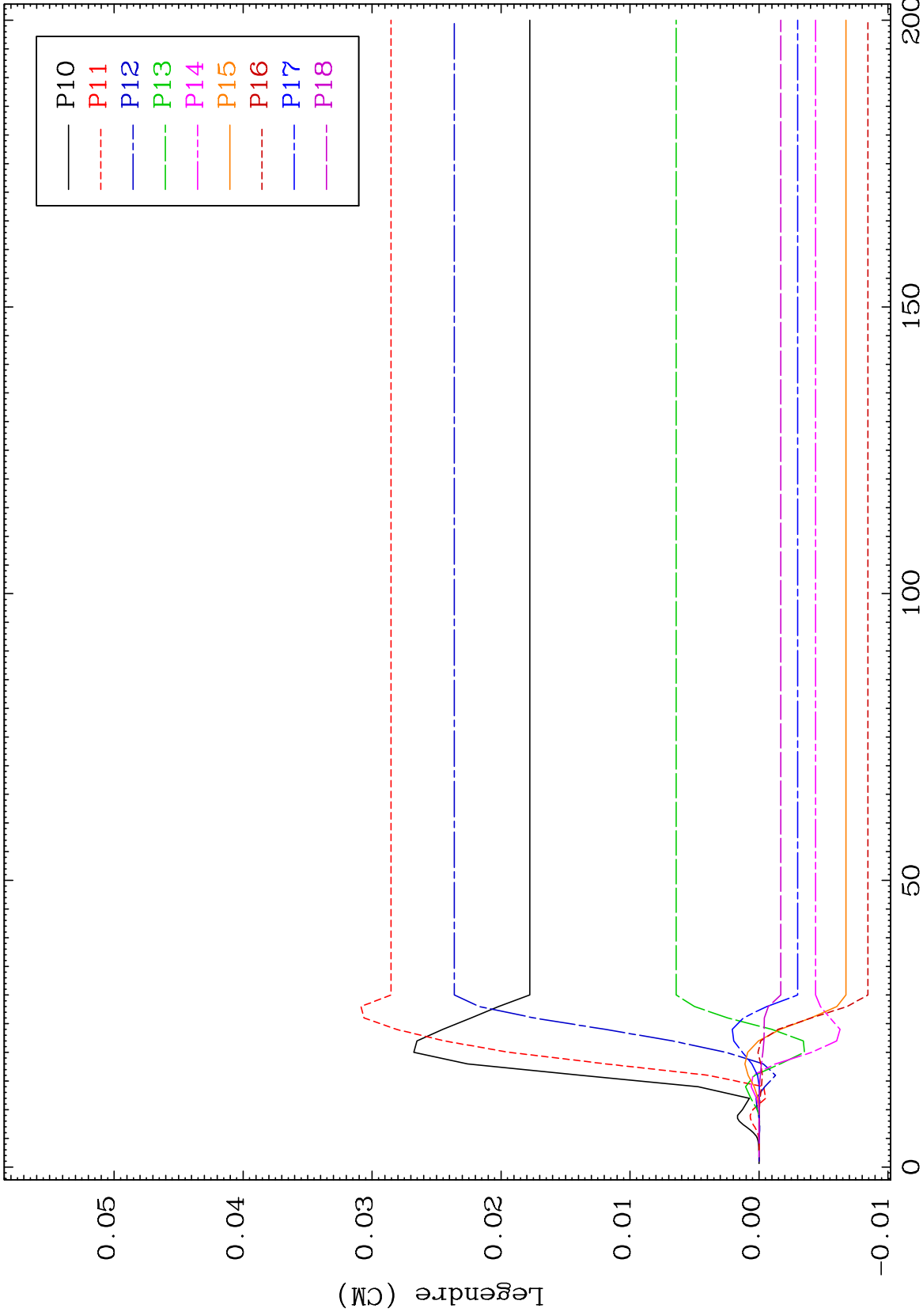
Incident Energy (MeV)

25

MAT 8056

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

81-Tl-180



26

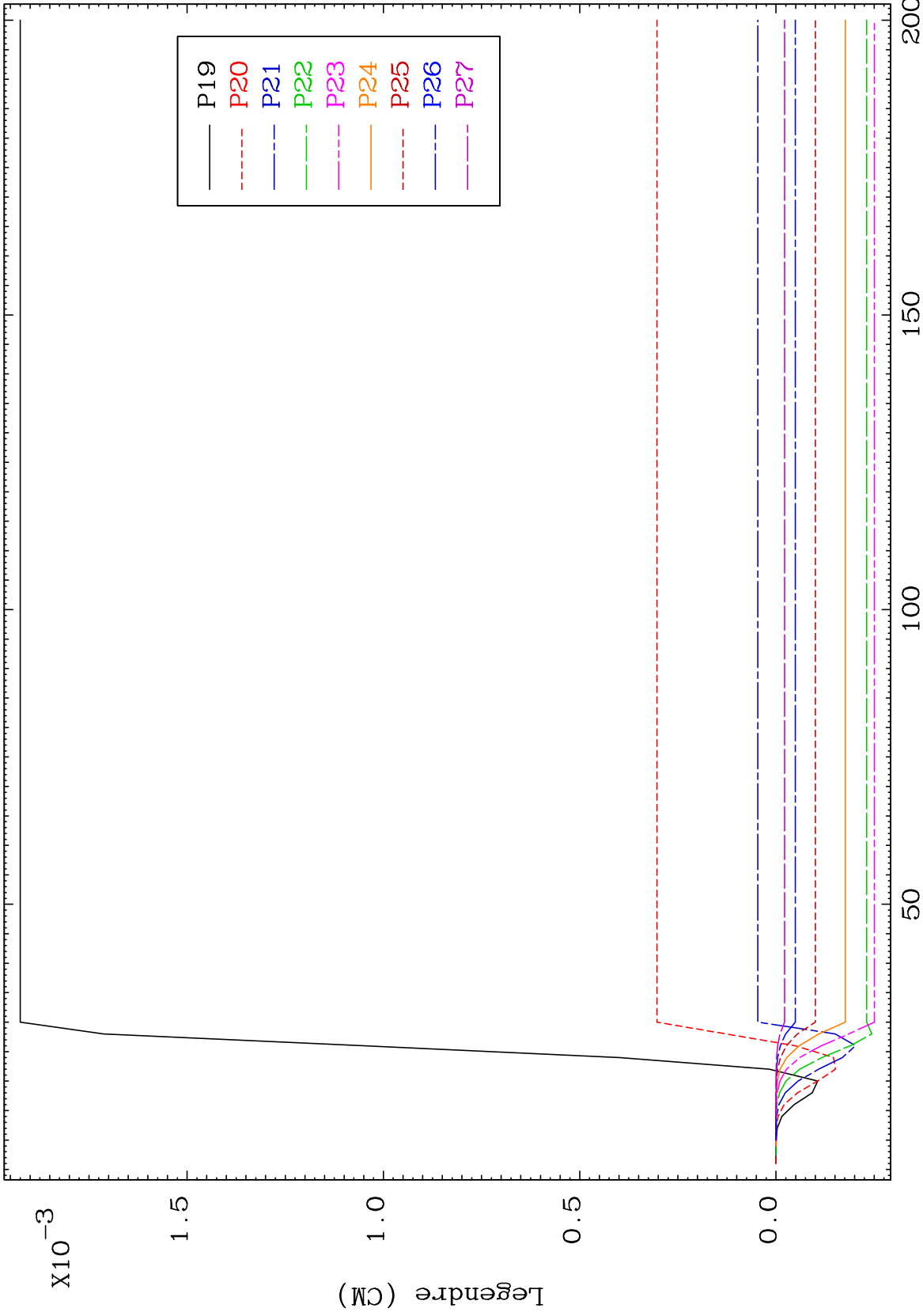
Incident Energy (MeV)

81-Tl-180

MAT 8056

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

81-T1-180



27

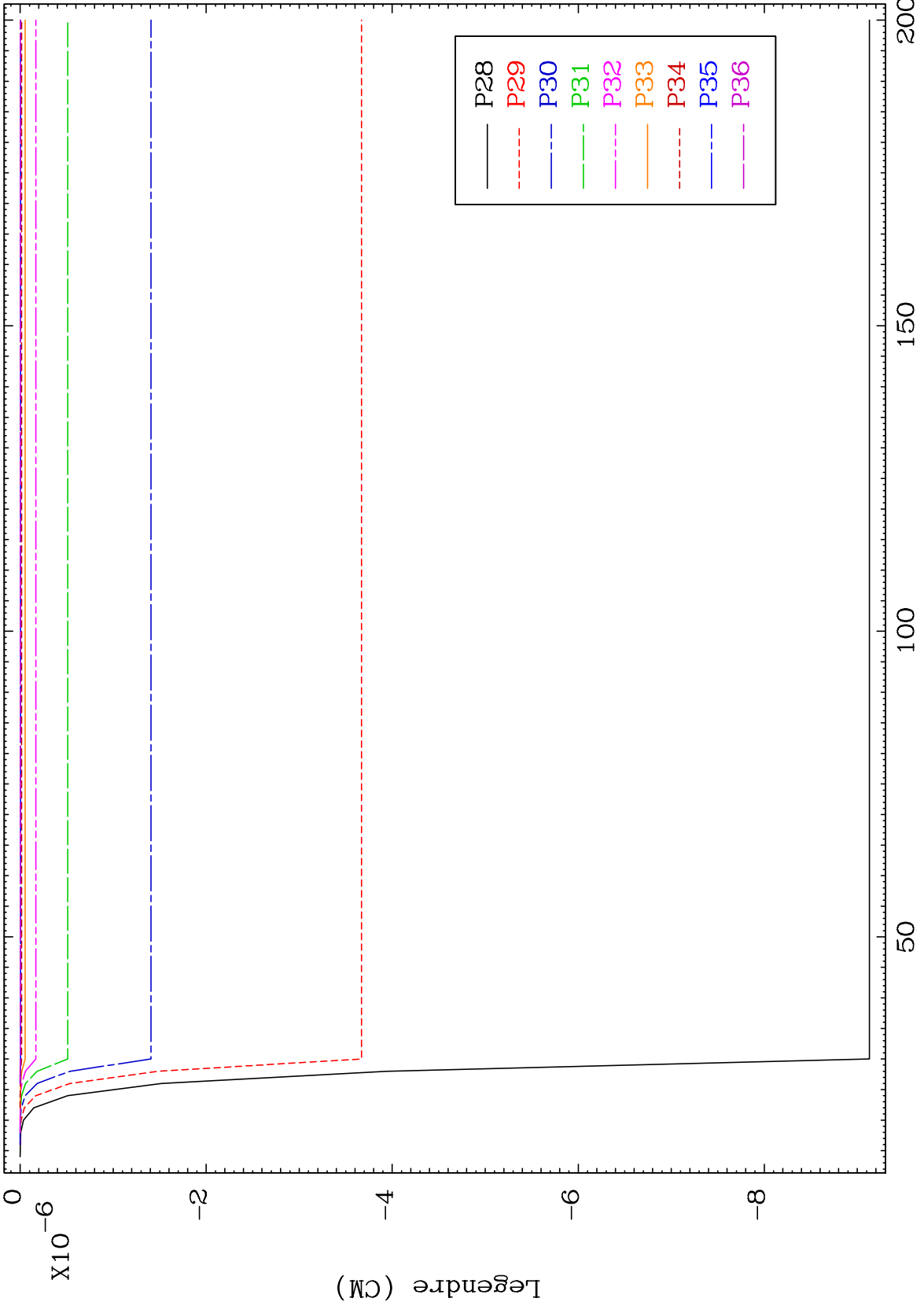
Incident Energy (MeV)

81-T1-180

MAT 8056 MT= 52 (n,n') Level

Legendre Coefficients

81-T1-180



81-T1-180

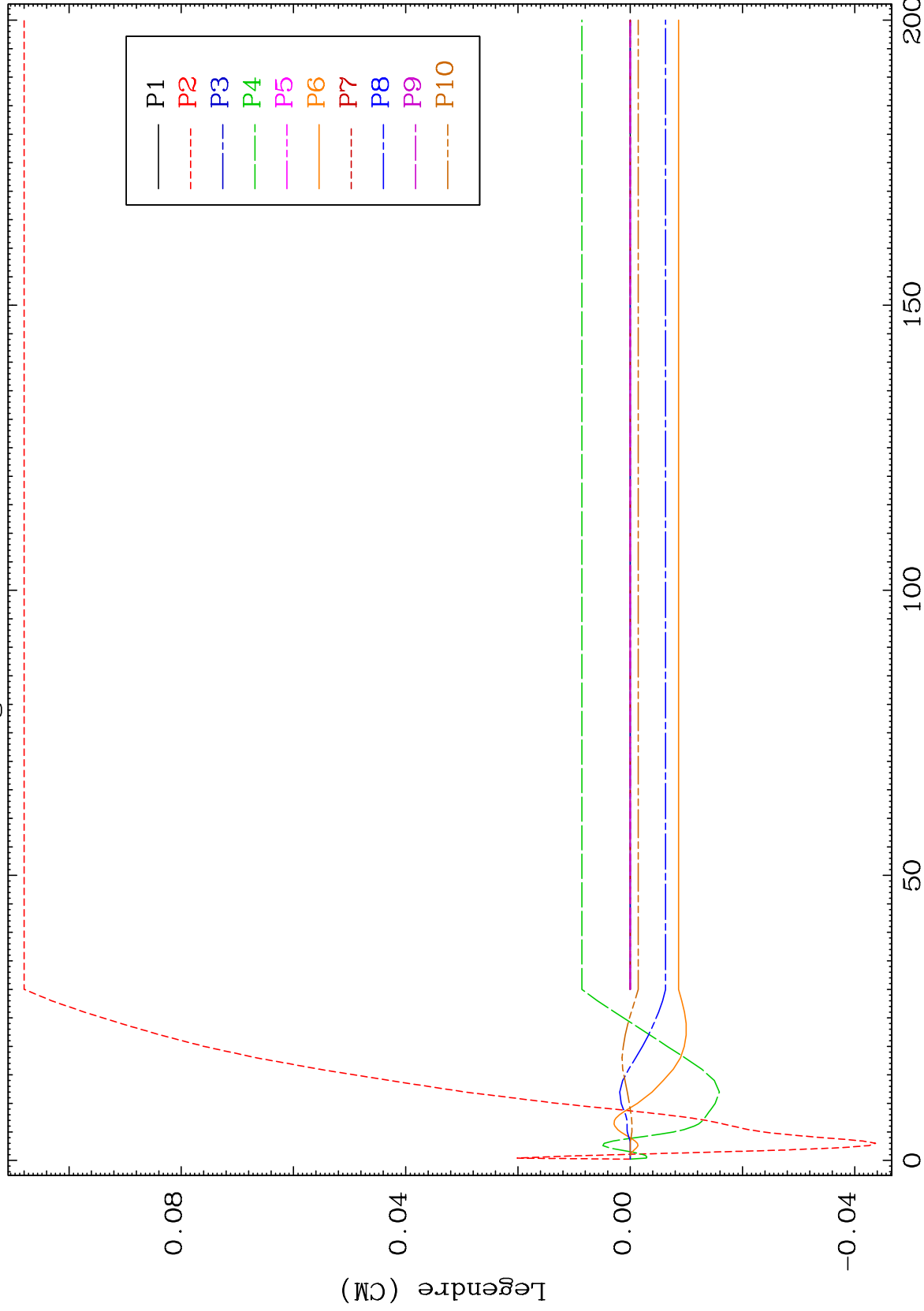
Incident Energy (MeV)

28

MAT 8056

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

81-T1-180



29

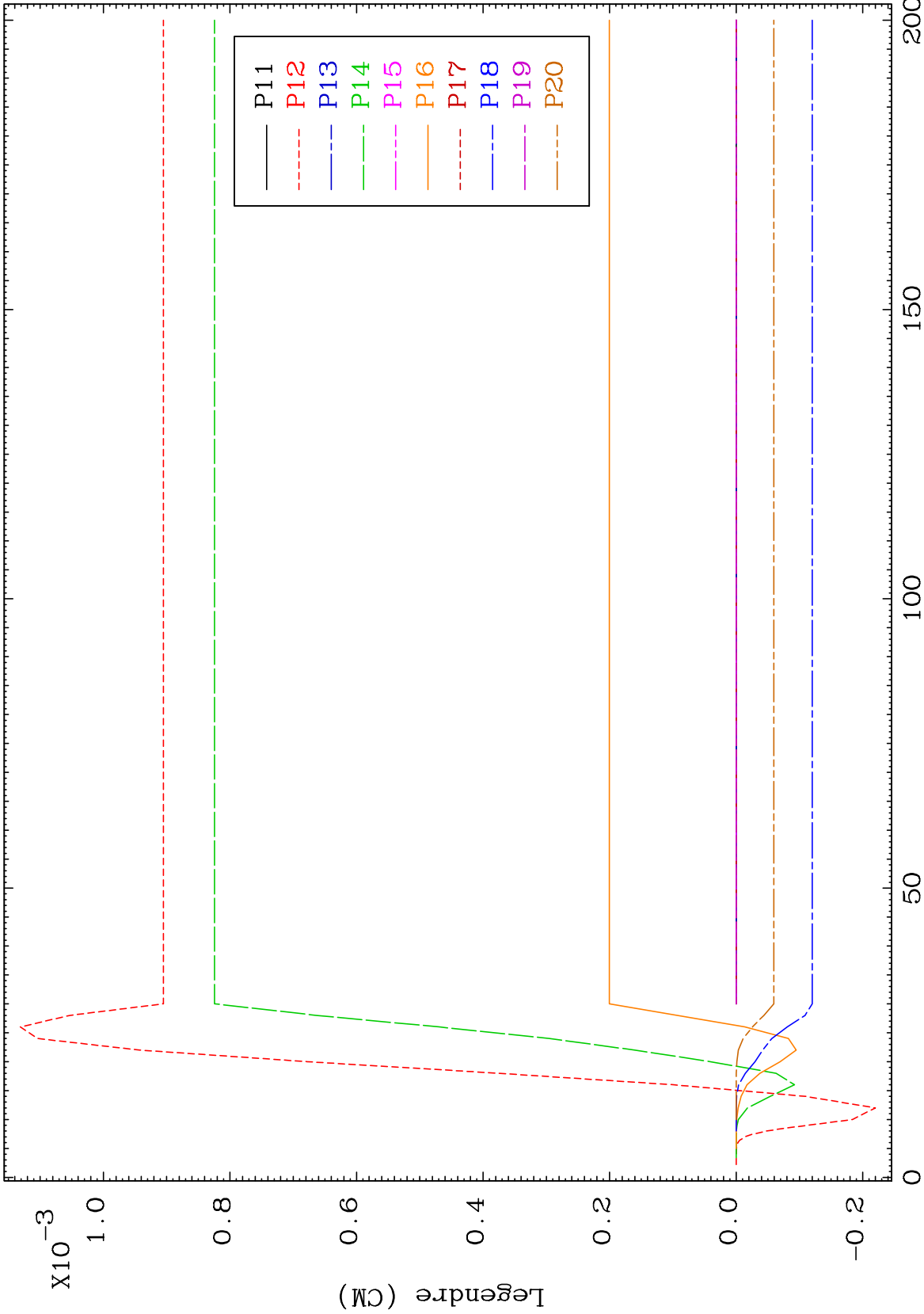
Incident Energy (MeV)

81-T1-180

MAT 8056

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

81-Tl-180

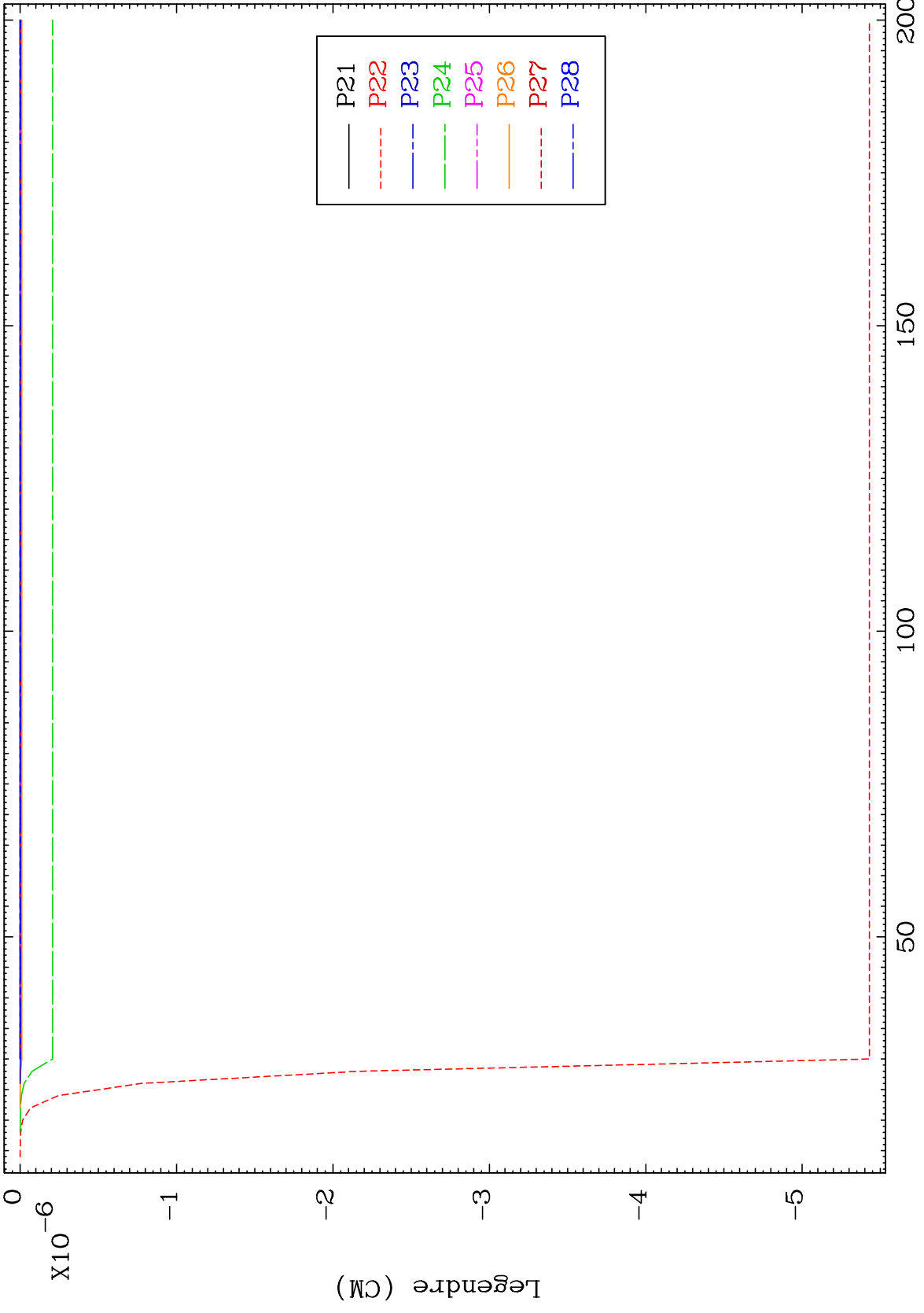


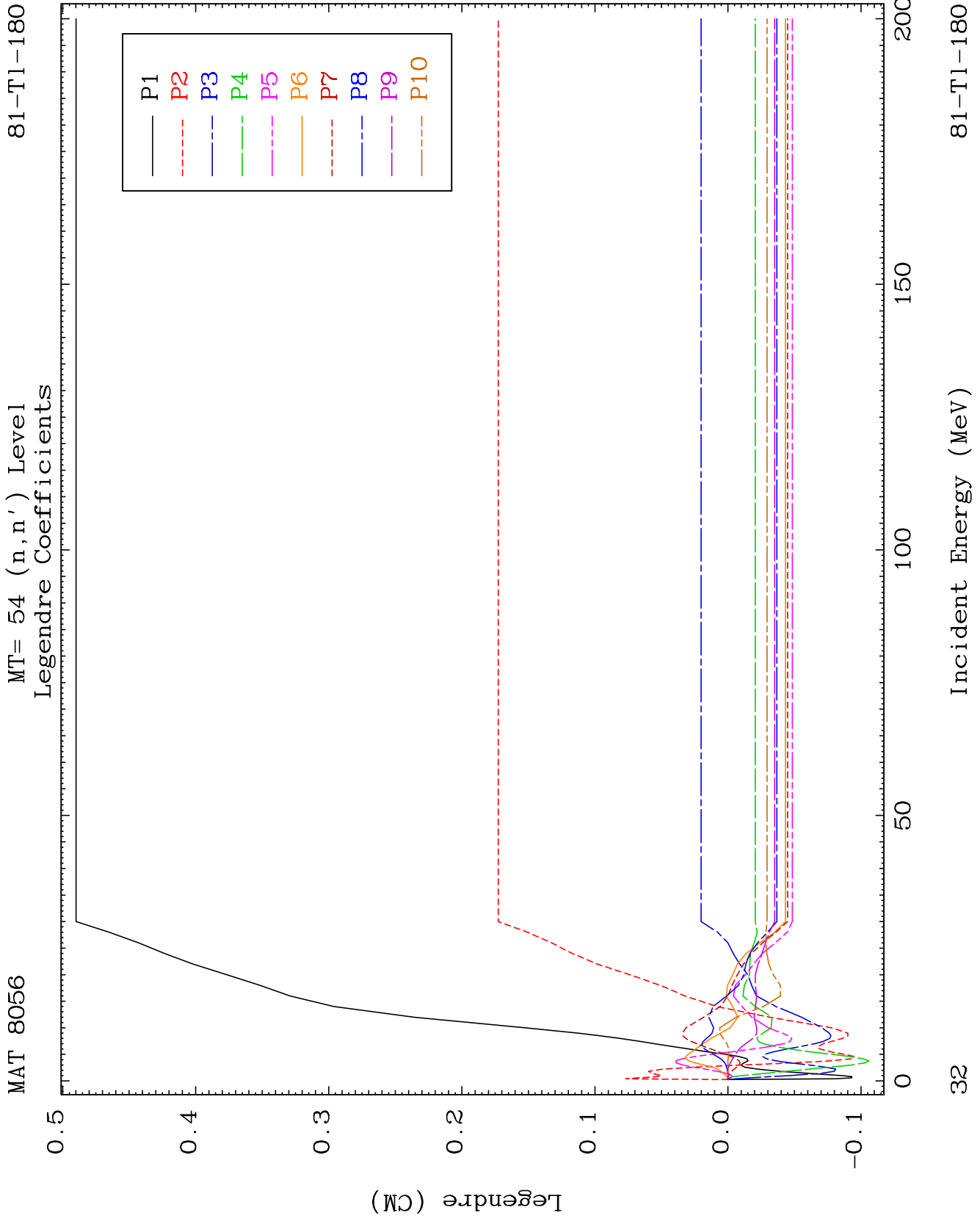
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Incident Energy (MeV)

81-Tl-180

MAT 8056 MT= 53 (n,n') Level Legendre Coefficients 81-T1-180

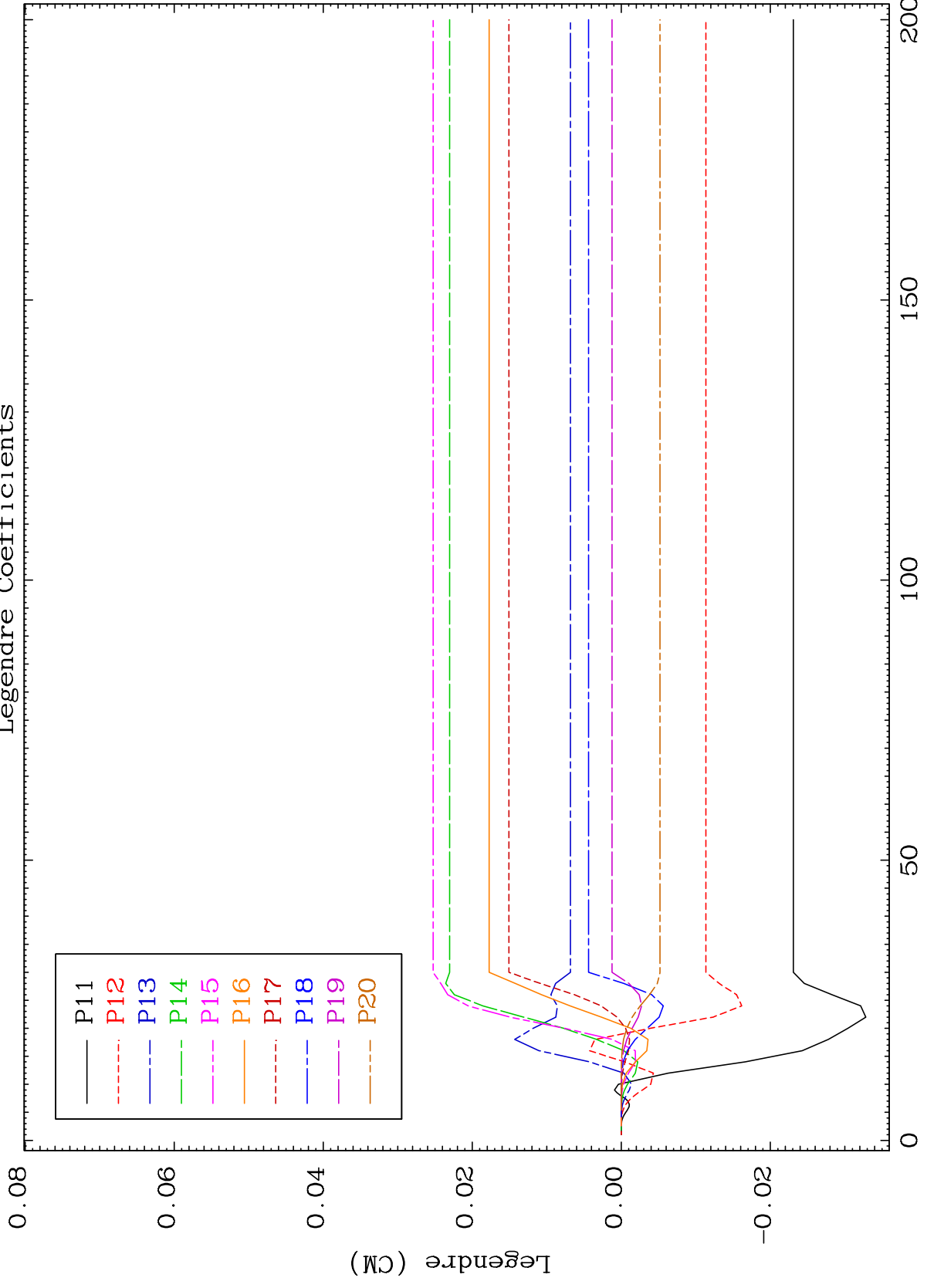




MAT 8056 MT= 54 (n,n') Level Legendre Coefficients

81-Tl-180

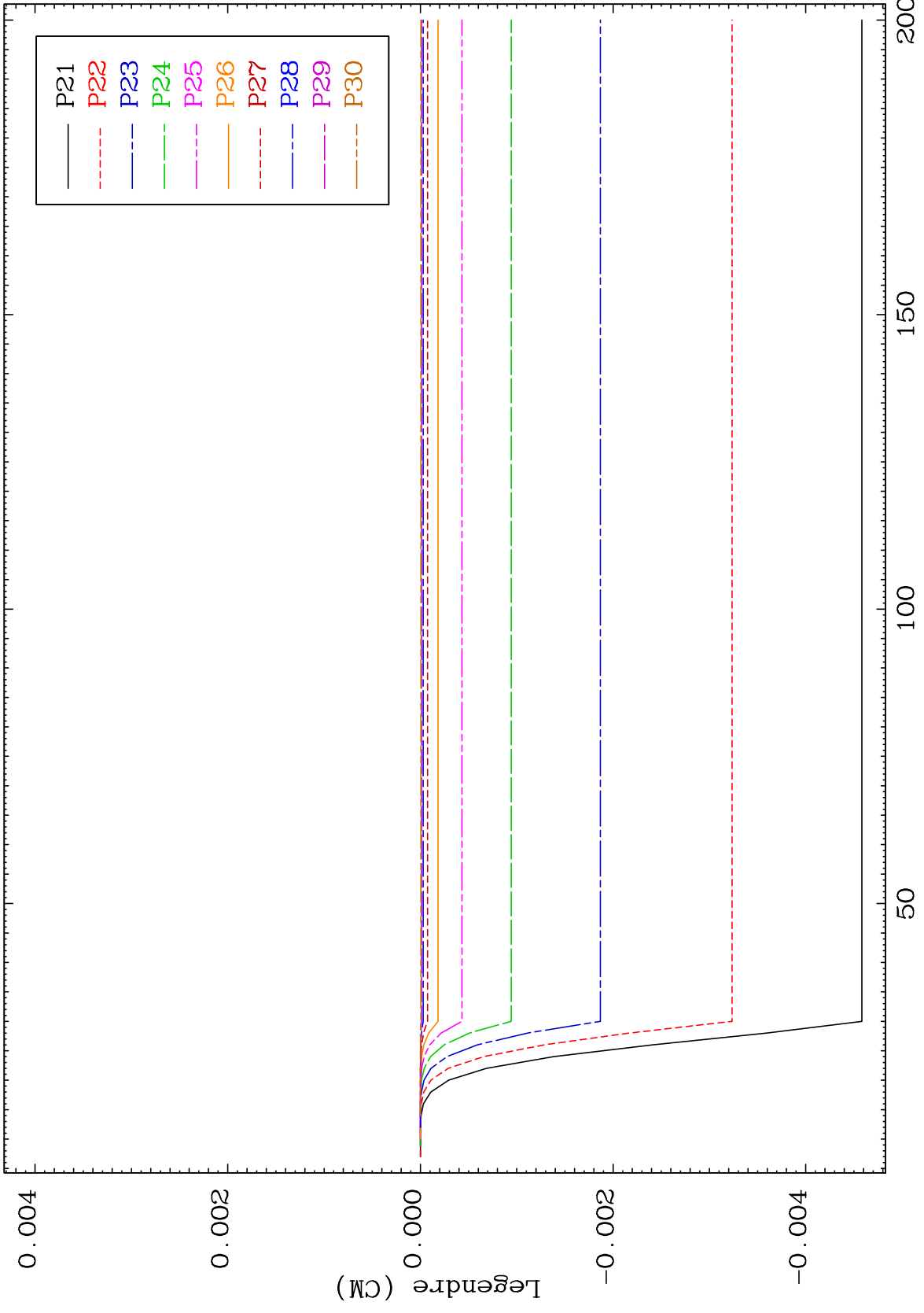
81-Tl-180



MAT 8056

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

81-Tl-180



34

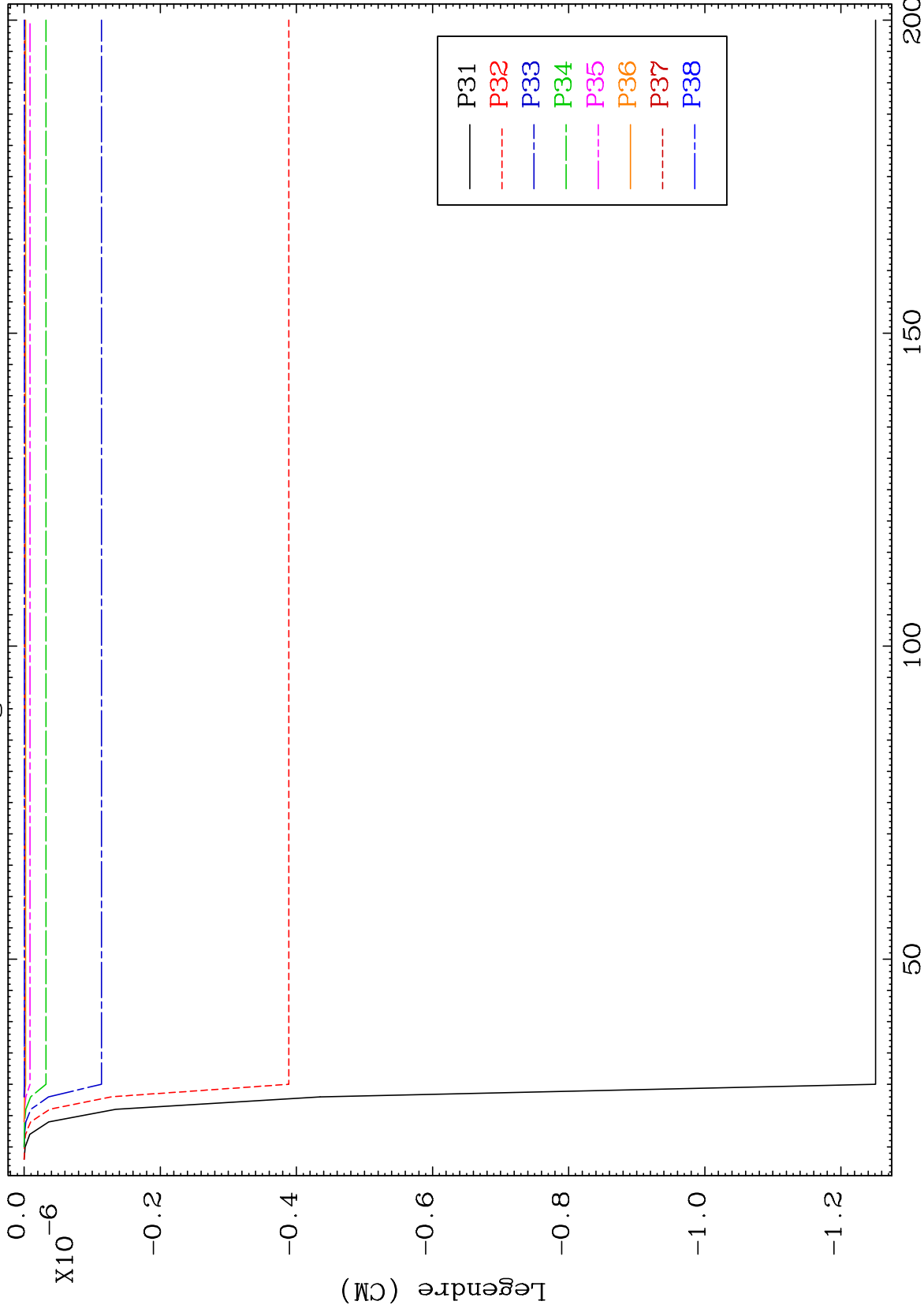
Incident Energy (MeV)

81-Tl-180

MAT 8056

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

81-Tl-180



81-Tl-180

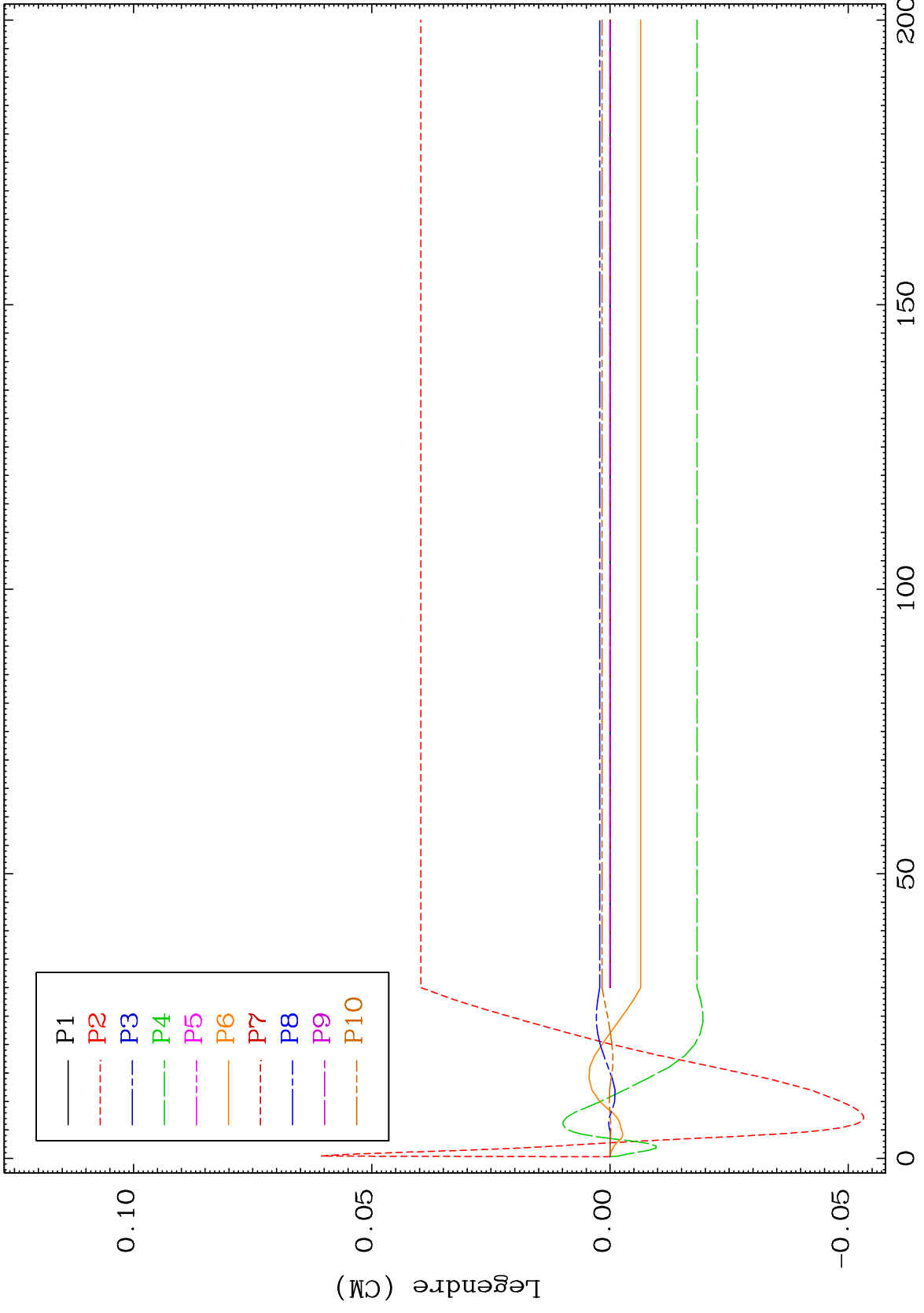
Incident Energy (MeV)

35

MAT 8056

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

81-Tl-180



36

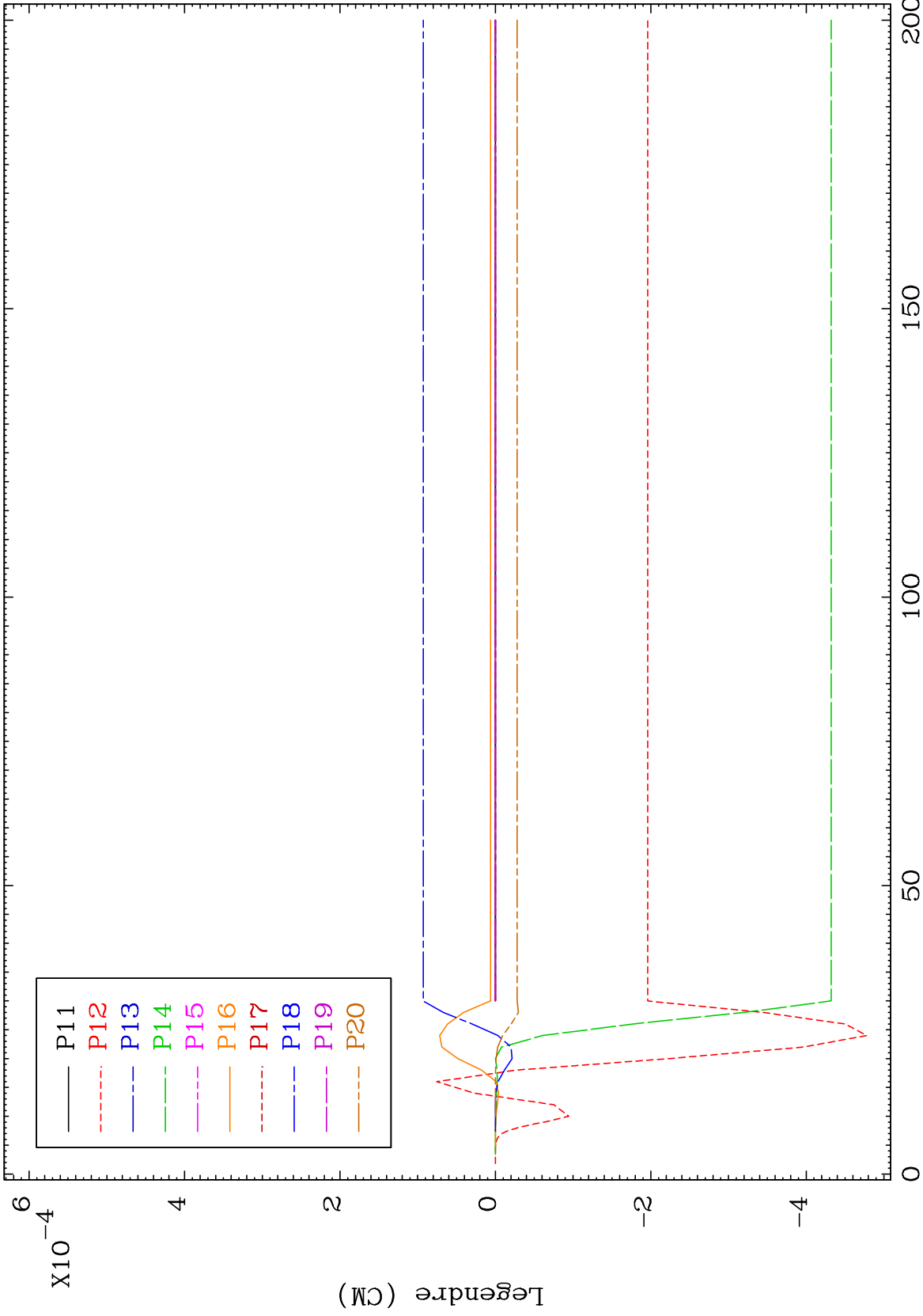
Incident Energy (MeV)

81-Tl-180

MAT 8056

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

81-T1-180

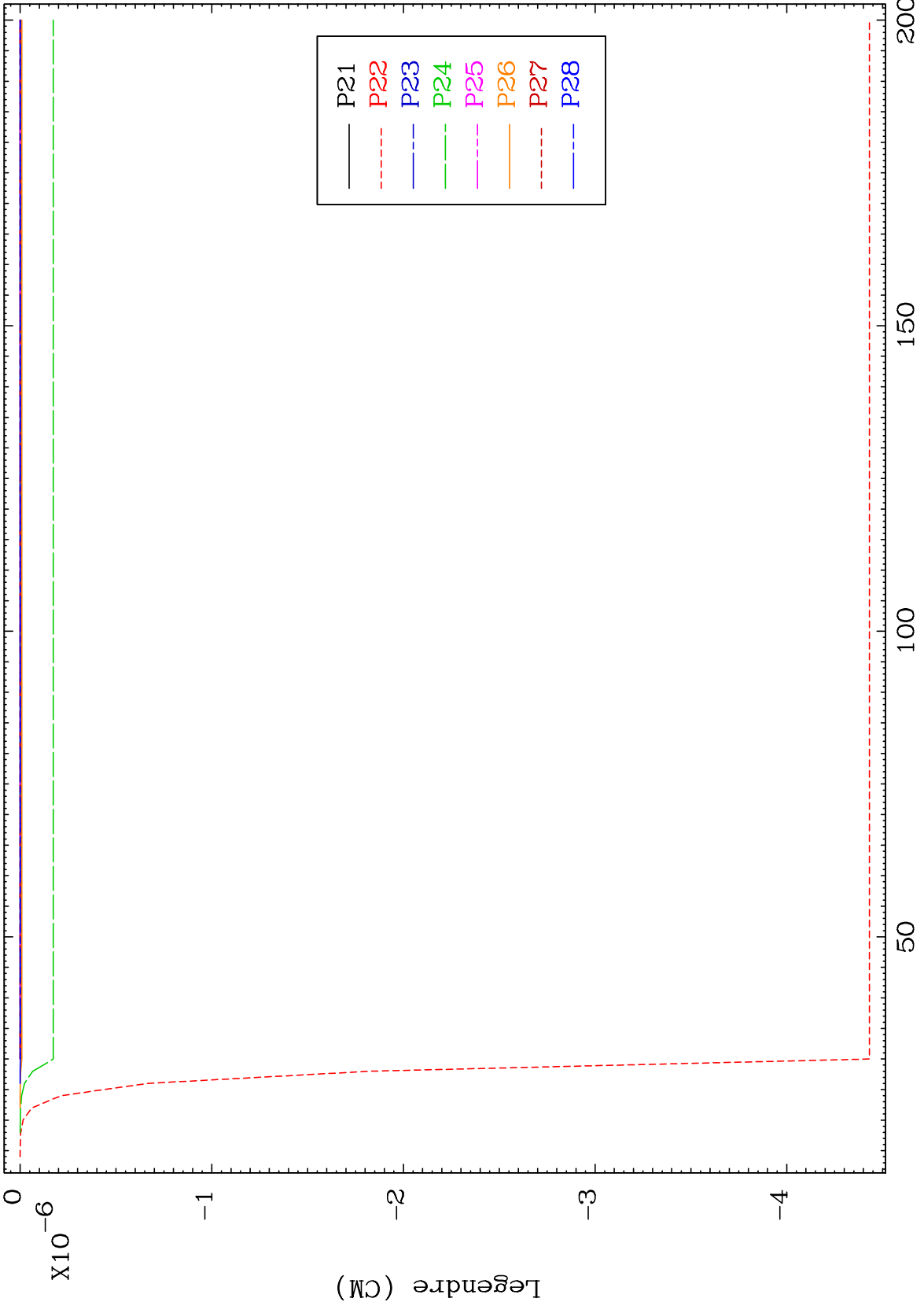


37

Incident Energy (MeV)

81-T1-180

MAT 8056 MT= 55 (n,n') Level Legendre Coefficients 81-T1-180

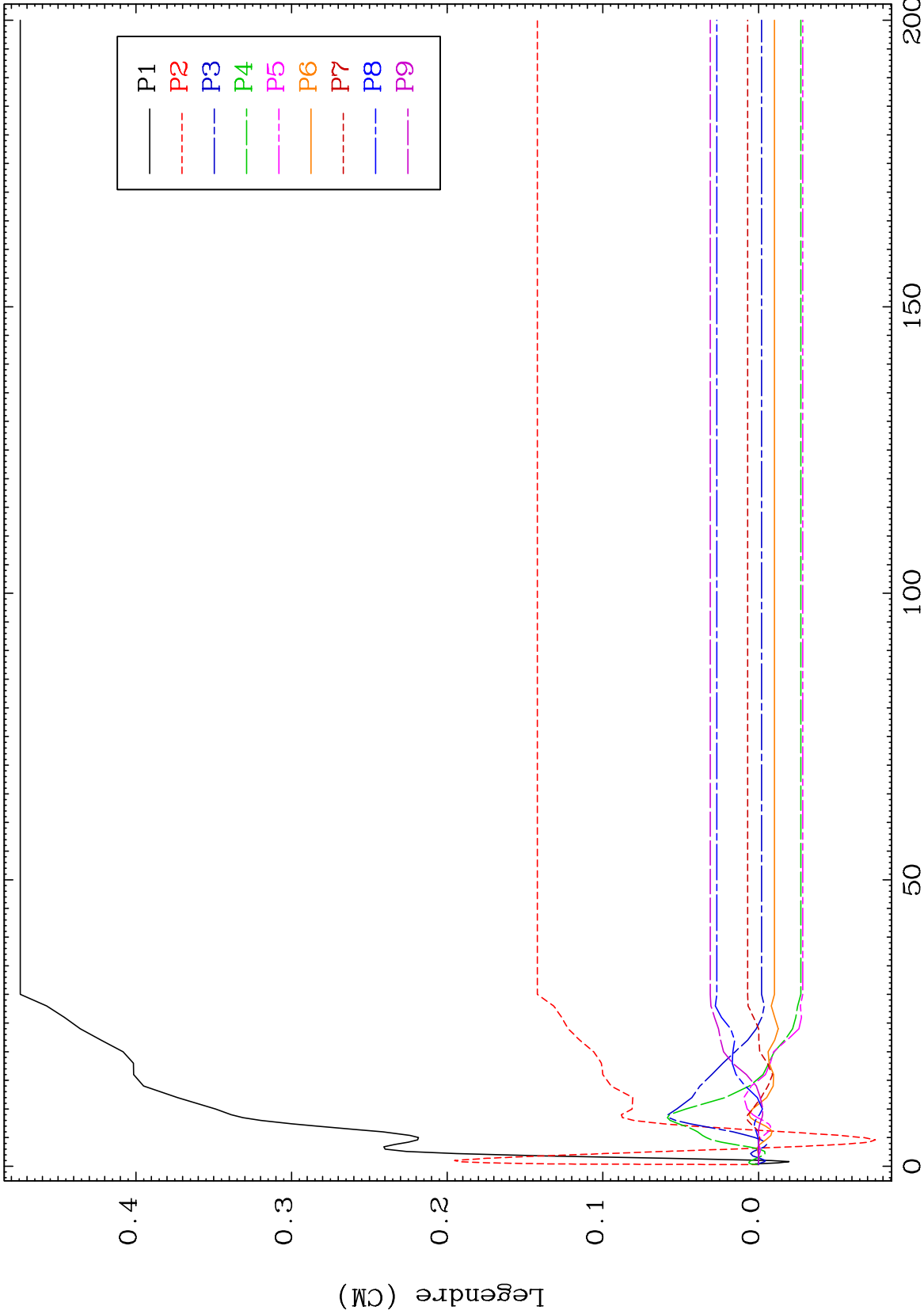


38 81-T1-180

MAT 8056

MT= 56 (n,n') Level
Legendre Coefficients

81-Tl-180

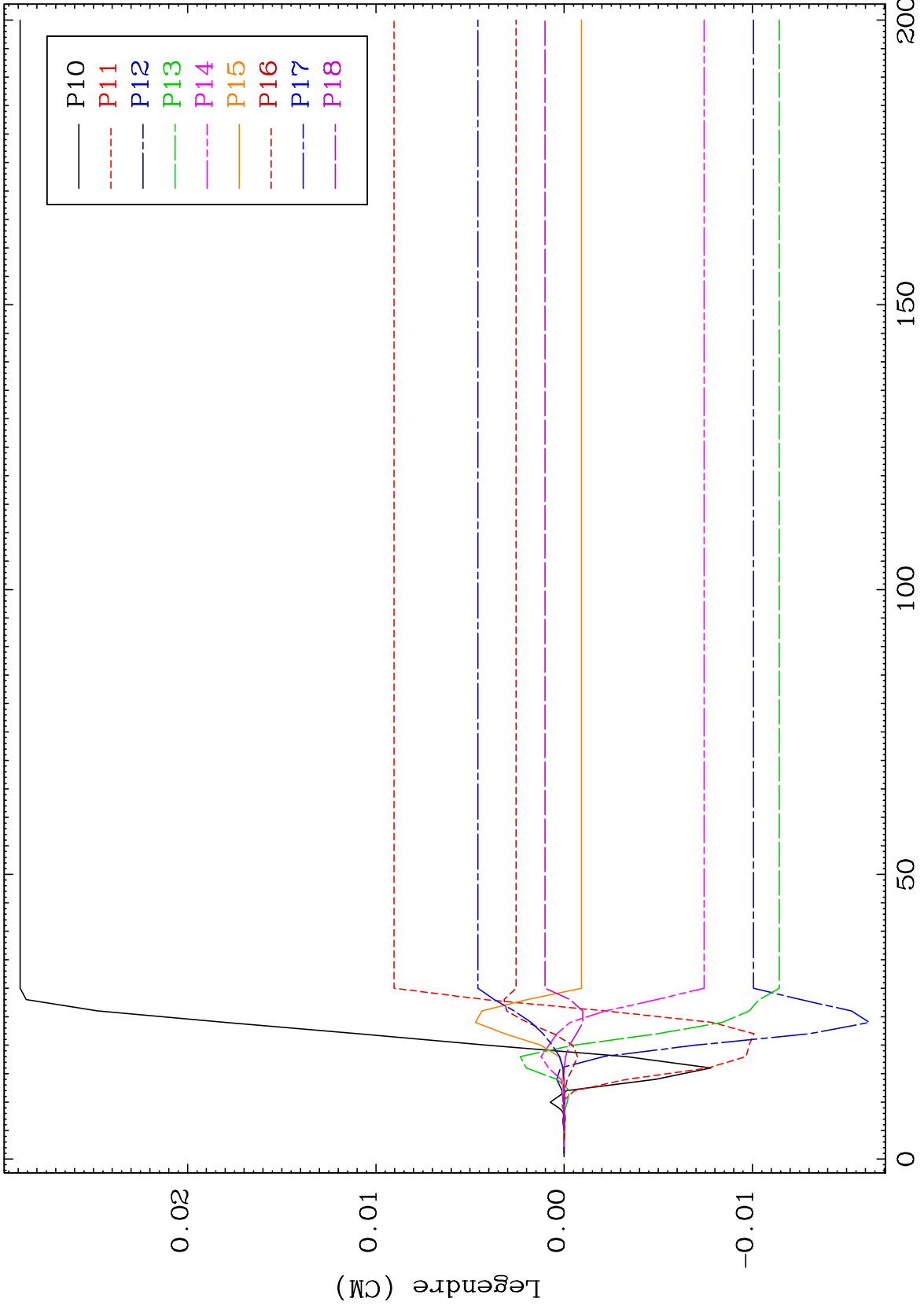


39

Incident Energy (MeV)

81-Tl-180

MAT 8056 MT= 56 (n,n') Level Legendre Coefficients 81-T1-180

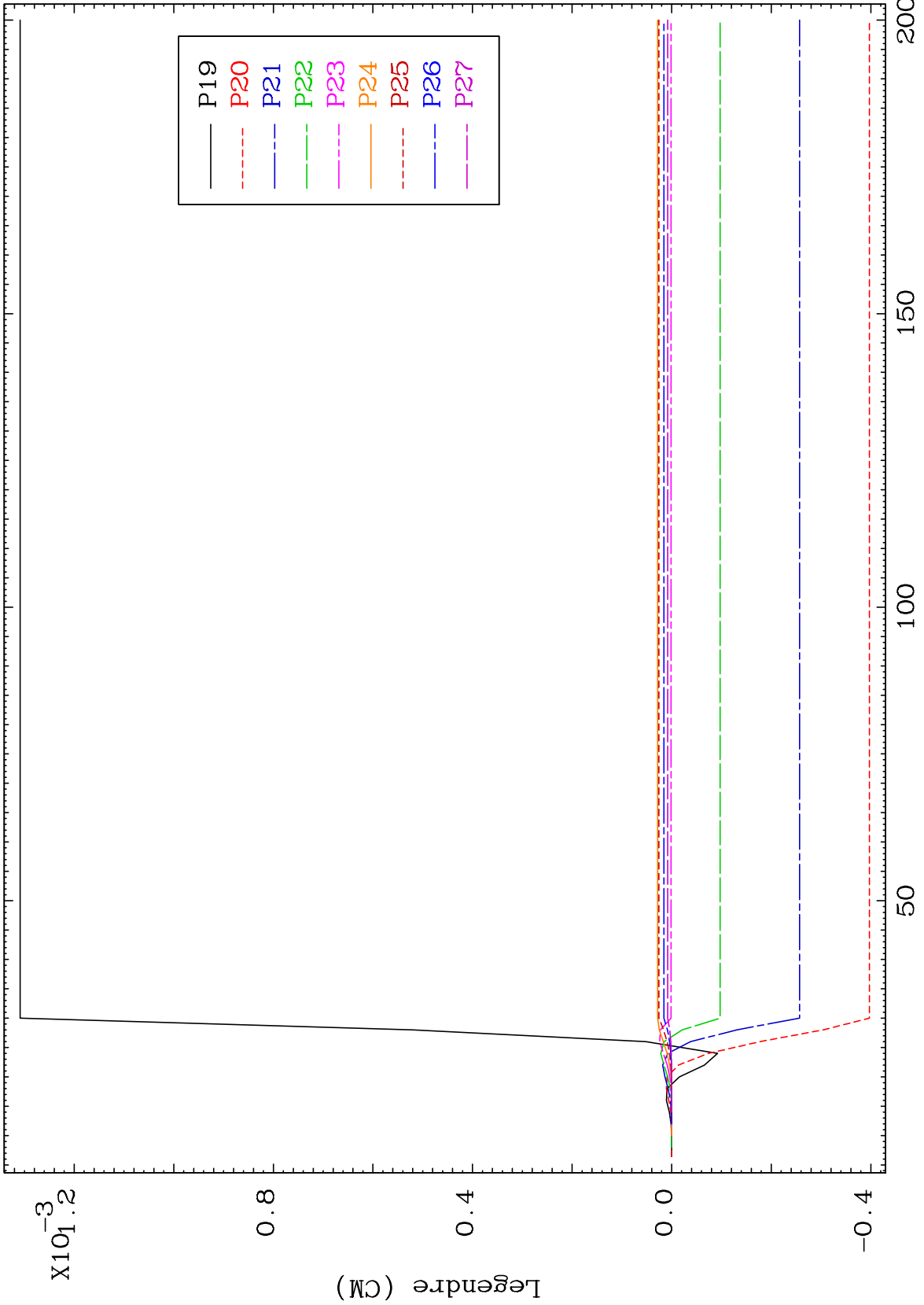


Legendre (CM) Incident Energy (MeV) 81-T1-180

MAT 8056

MT= 56 (n,n') Level
Legendre Coefficients

81-T1-180



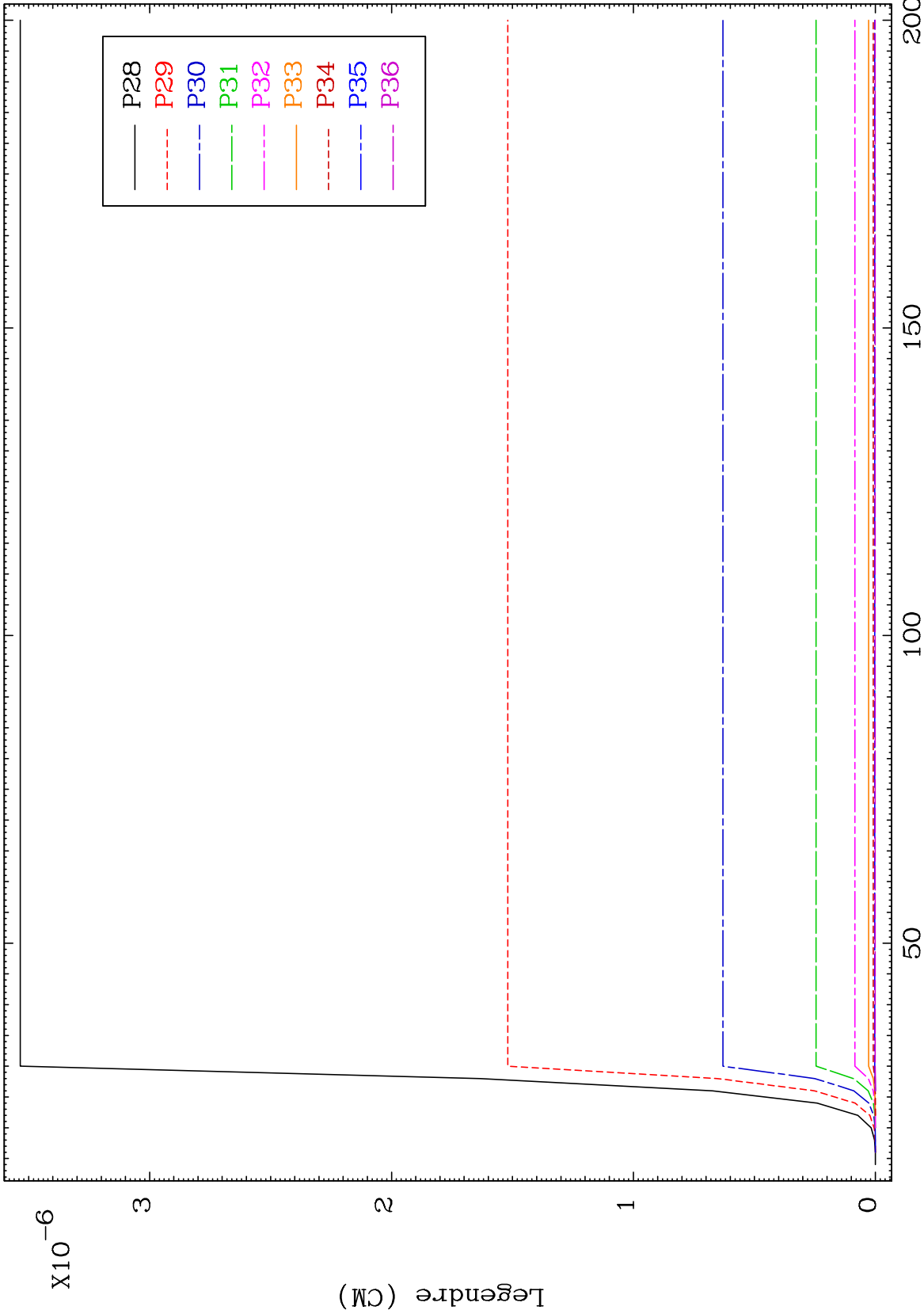
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81-T1-180

MAT 8056

MT= 56 (n,n') Level
Legendre Coefficients

81-T1-180



42

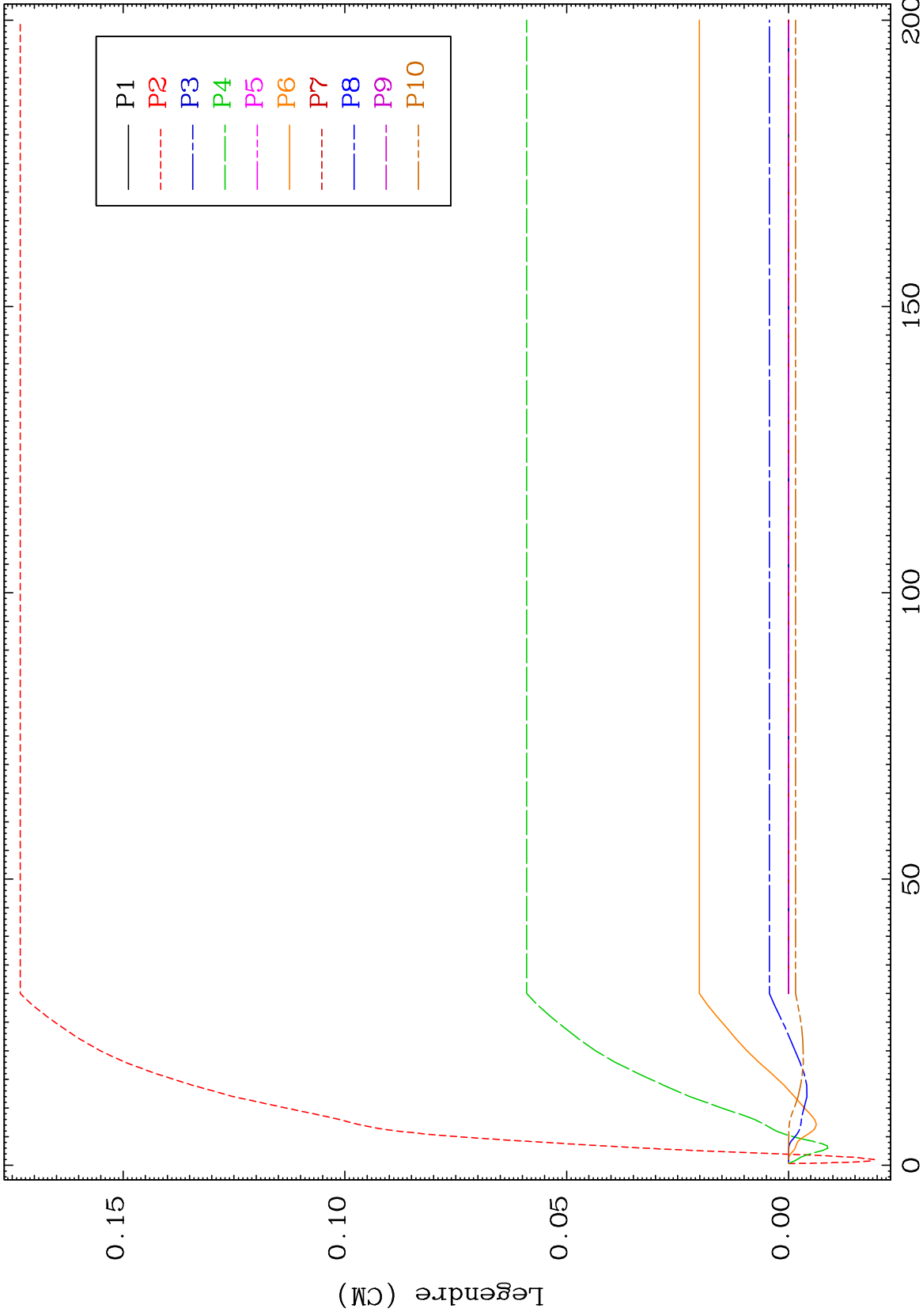
Incident Energy (MeV)

81-T1-180

MAT 8056

MT= 57 (n,n') Level
Legendre Coefficients

81-T1-180



43

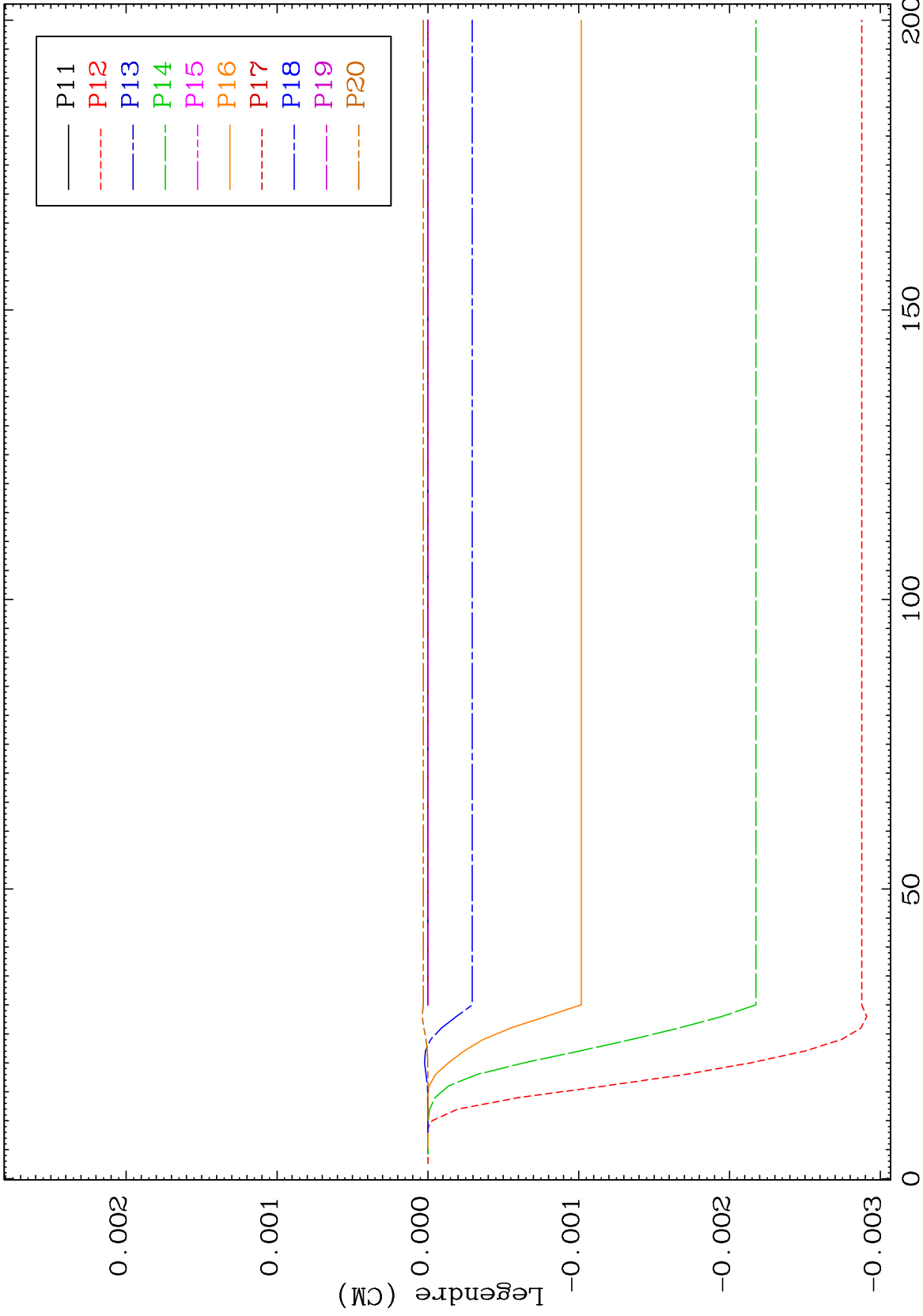
Incident Energy (MeV)

81-T1-180

MAT 8056

MT= 57 (n,n') Level
Legendre Coefficients

81-Tl-180



44

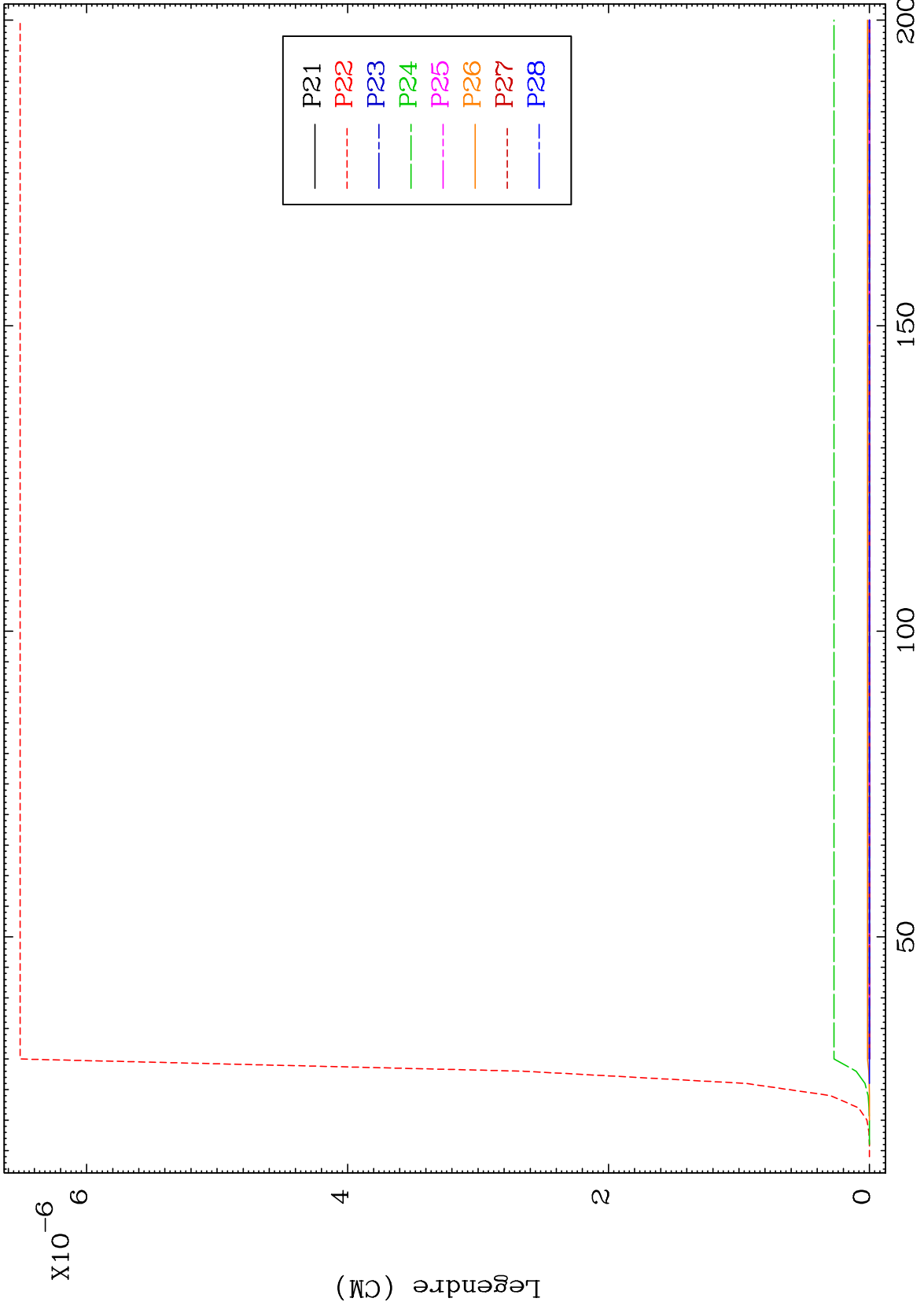
Incident Energy (MeV)

81-Tl-180

MAT 8056

MT= 57 (n,n') Level
Legendre Coefficients

81-T1-180



45

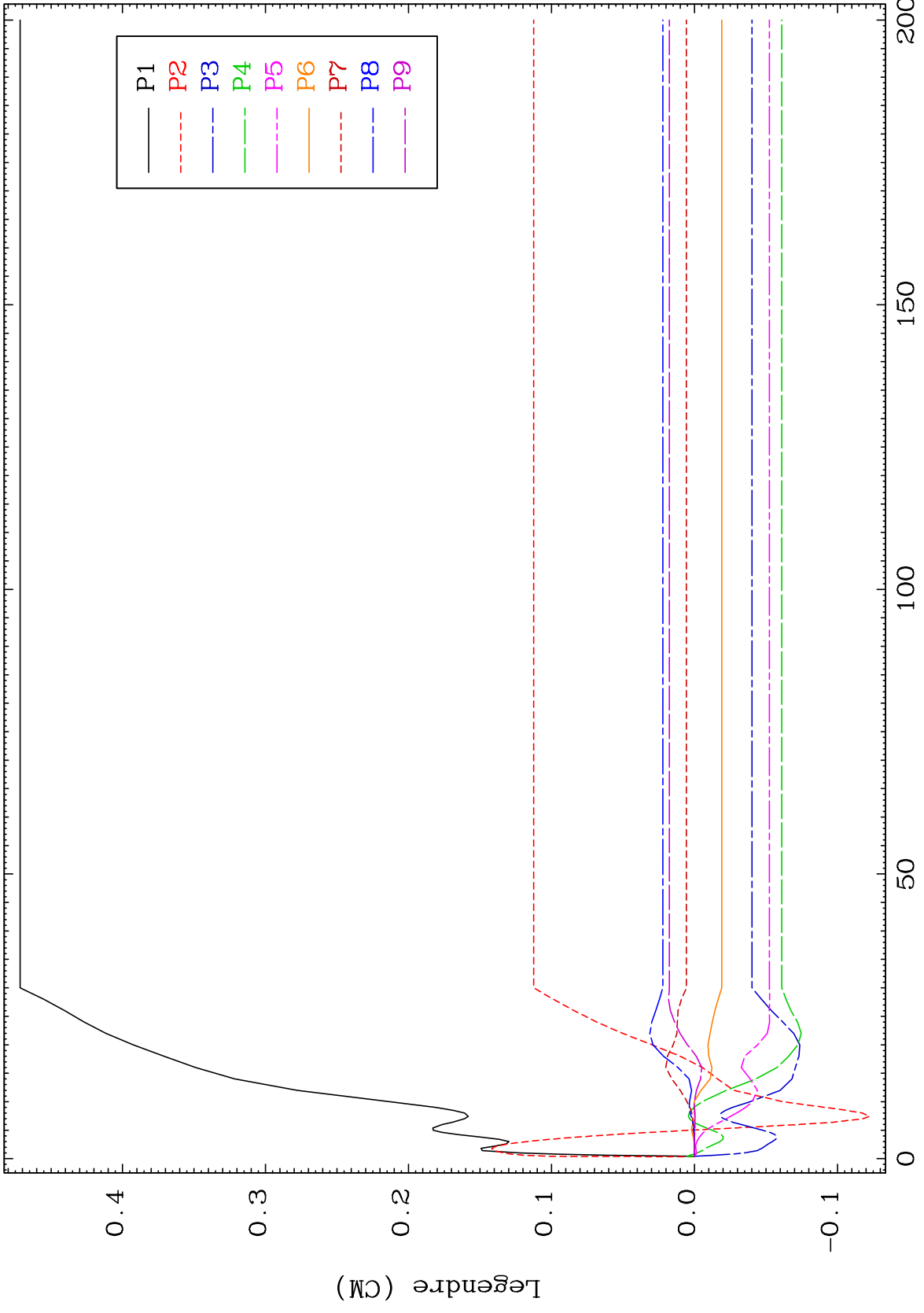
Incident Energy (MeV)

81-T1-180

MAT 8056

MT= 58 (n,n') Level
Legendre Coefficients

81-T1-180



46

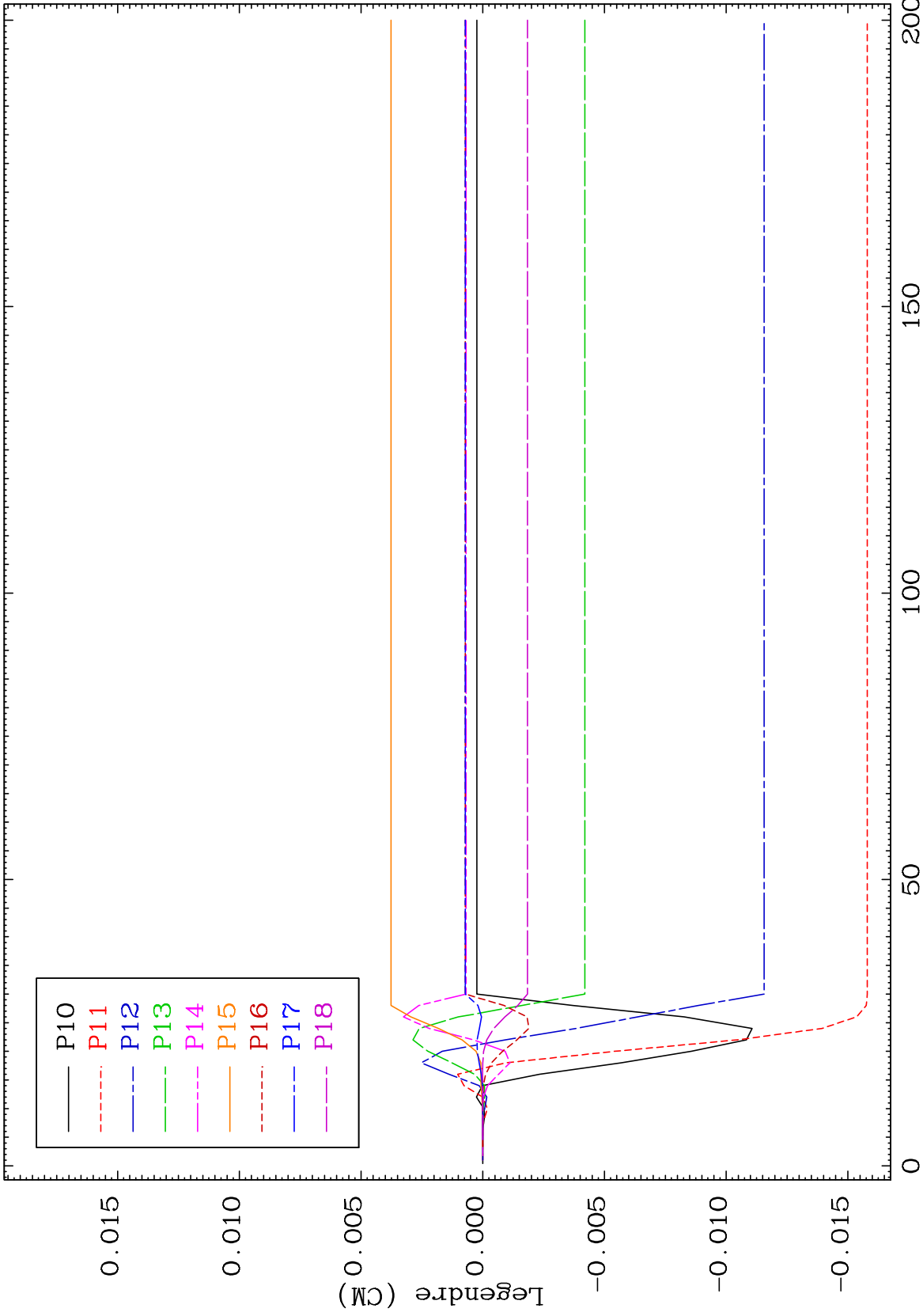
Incident Energy (MeV)

81-T1-180

MAT 8056

MT= 58 (n,n') Level
Legendre Coefficients

81-Tl-180



47

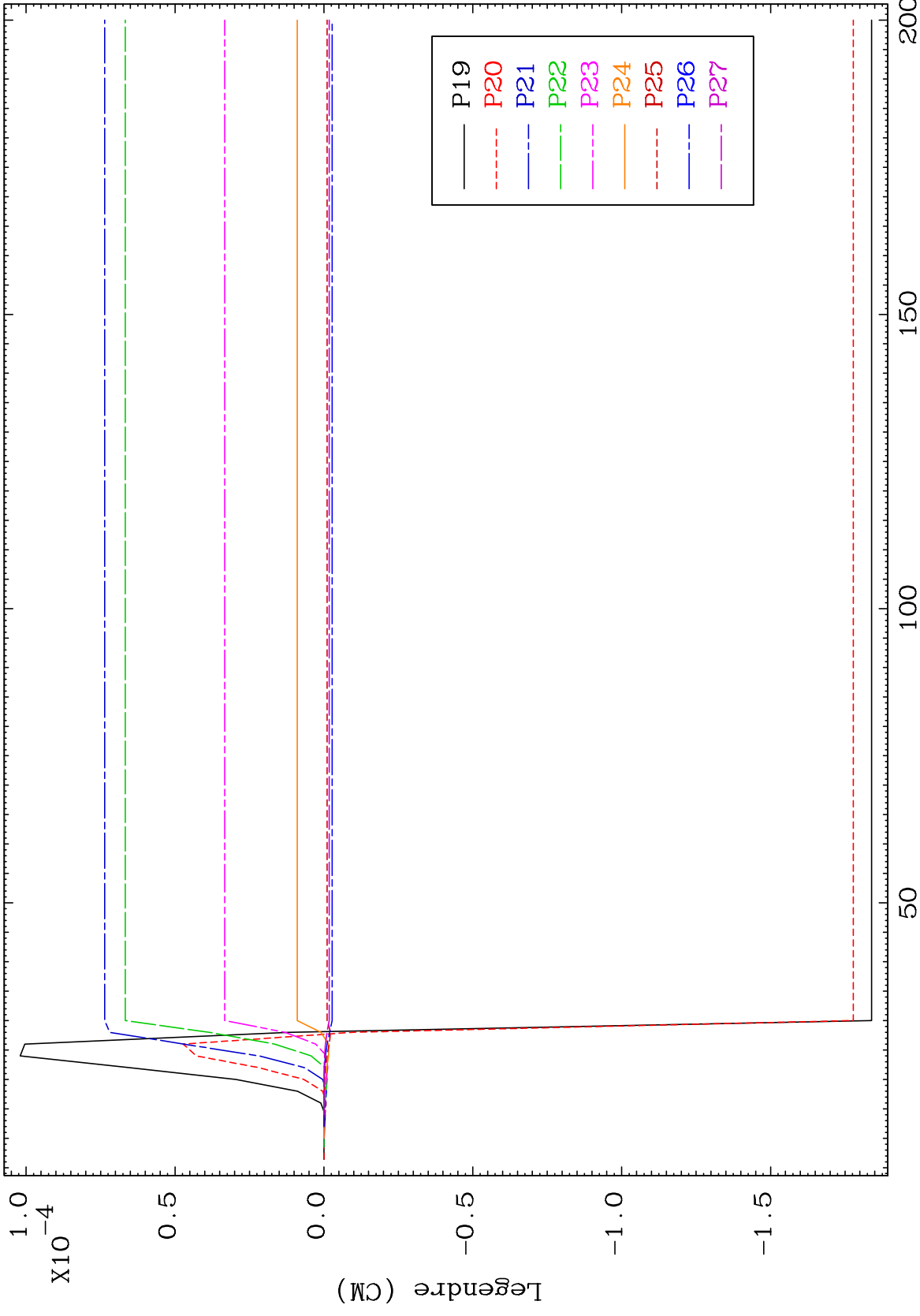
Incident Energy (MeV)

81-Tl-180

MAT 8056

MT= 58 (n,n') Level
Legendre Coefficients

81-T1-180

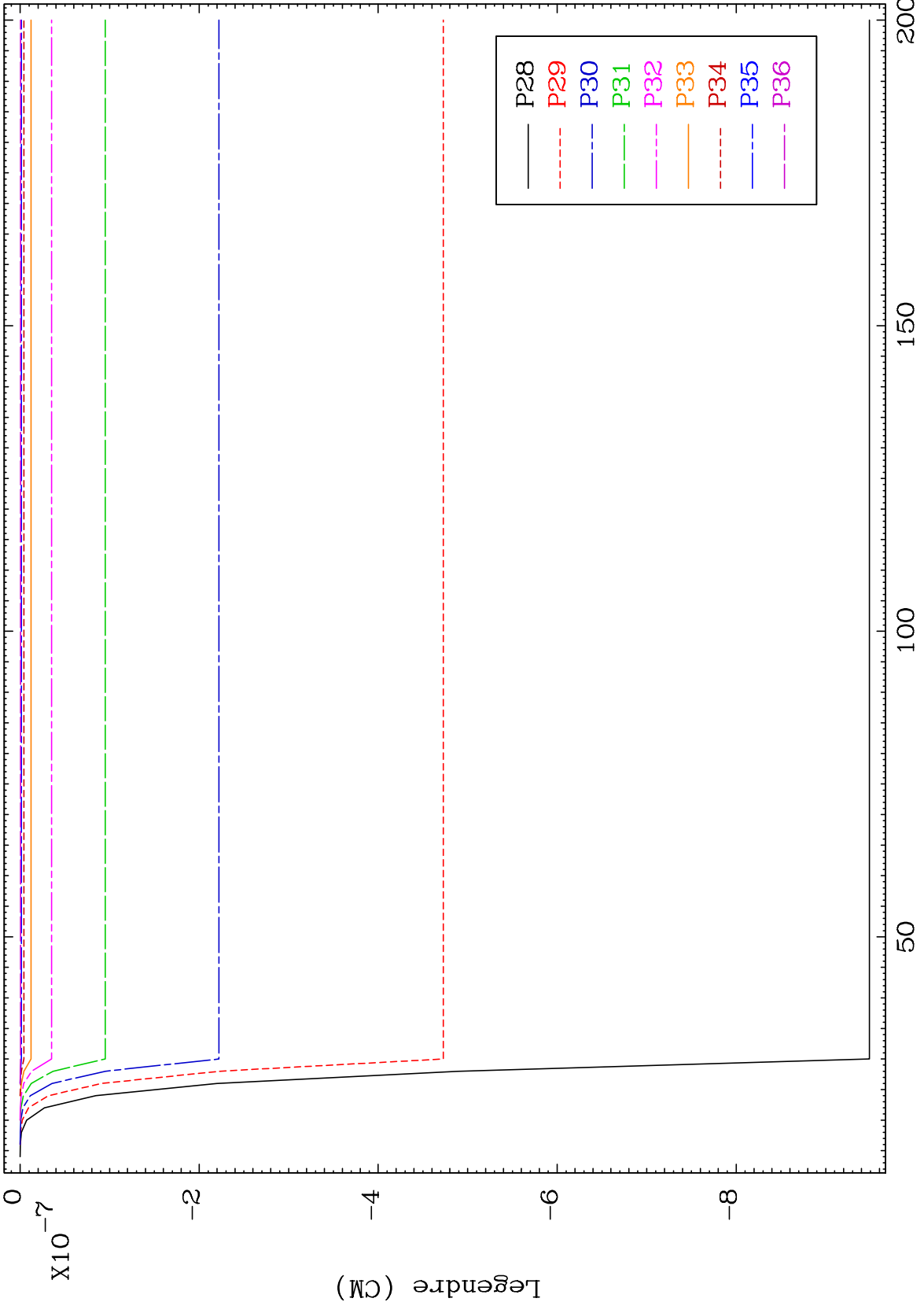


48

Incident Energy (MeV)

81-T1-180

MAT 8056 MT= 58 (n,n') Level Legendre Coefficients 81-T1-180

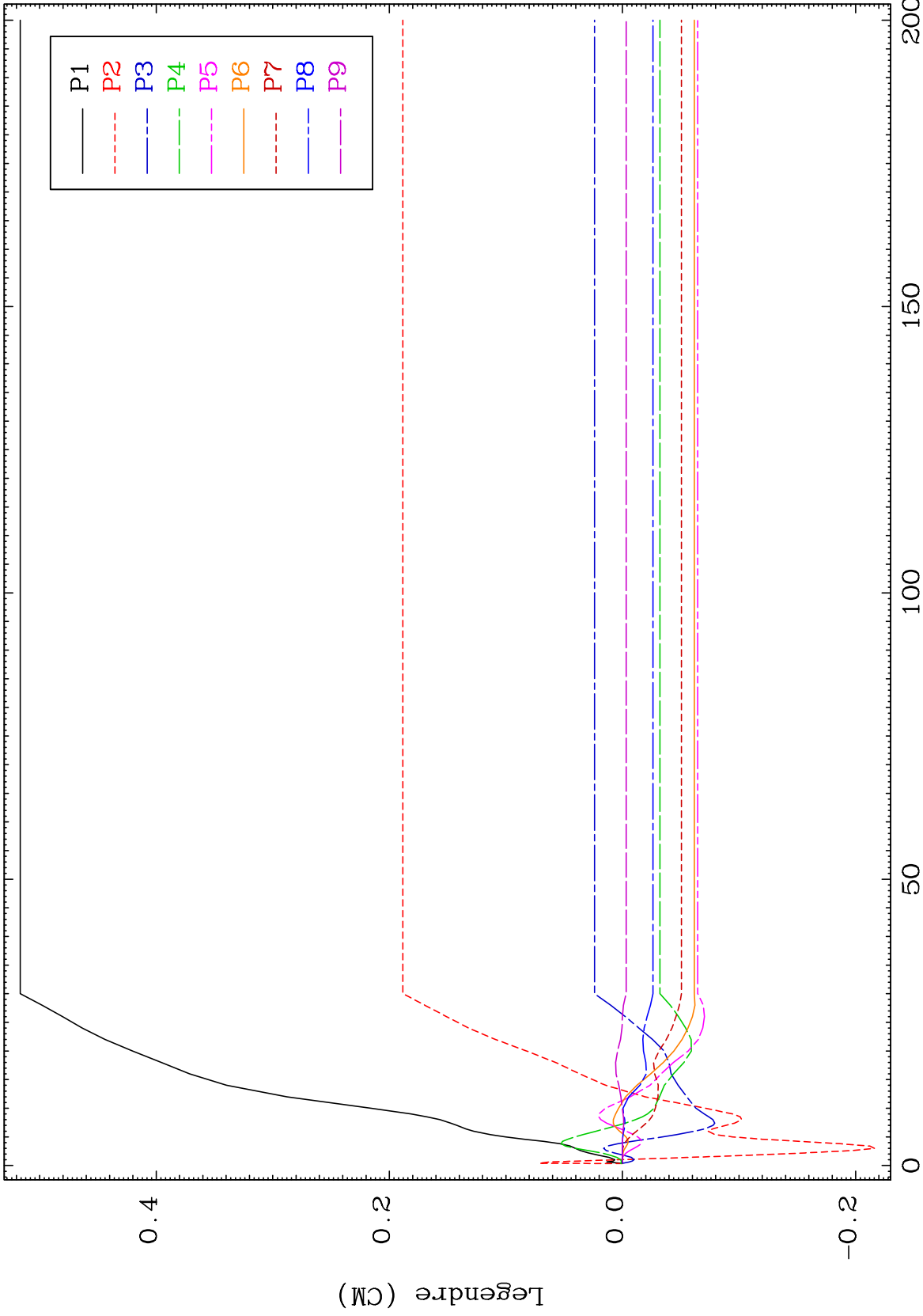


49 81-T1-180

MAT 8056

MT= 59 (n,n') Level
Legendre Coefficients

81-T1-180



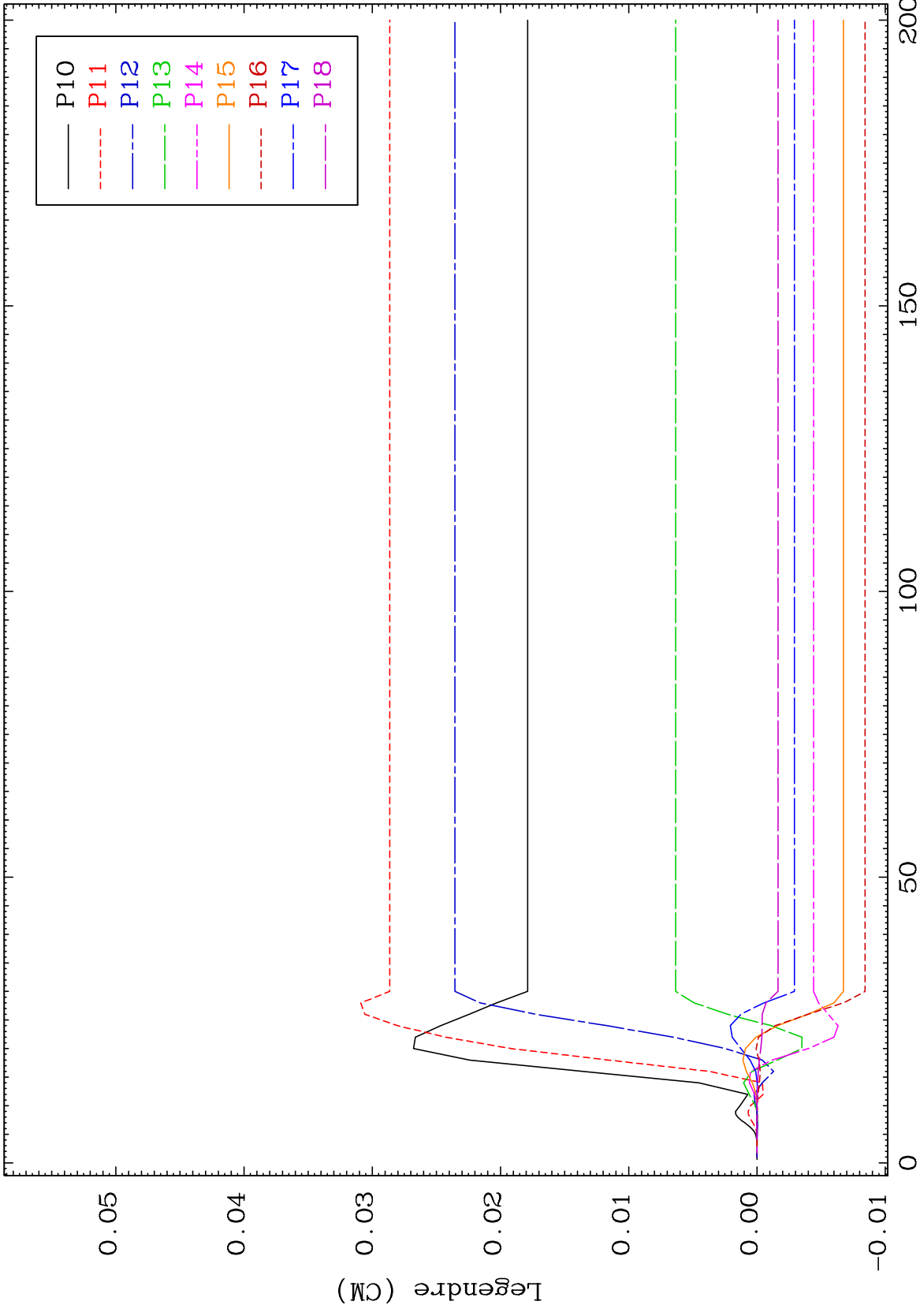
81-T1-180

Incident Energy (MeV)

MAT 8056

MT= 59 (n,n') Level
Legendre Coefficients

81-Tl-180



51

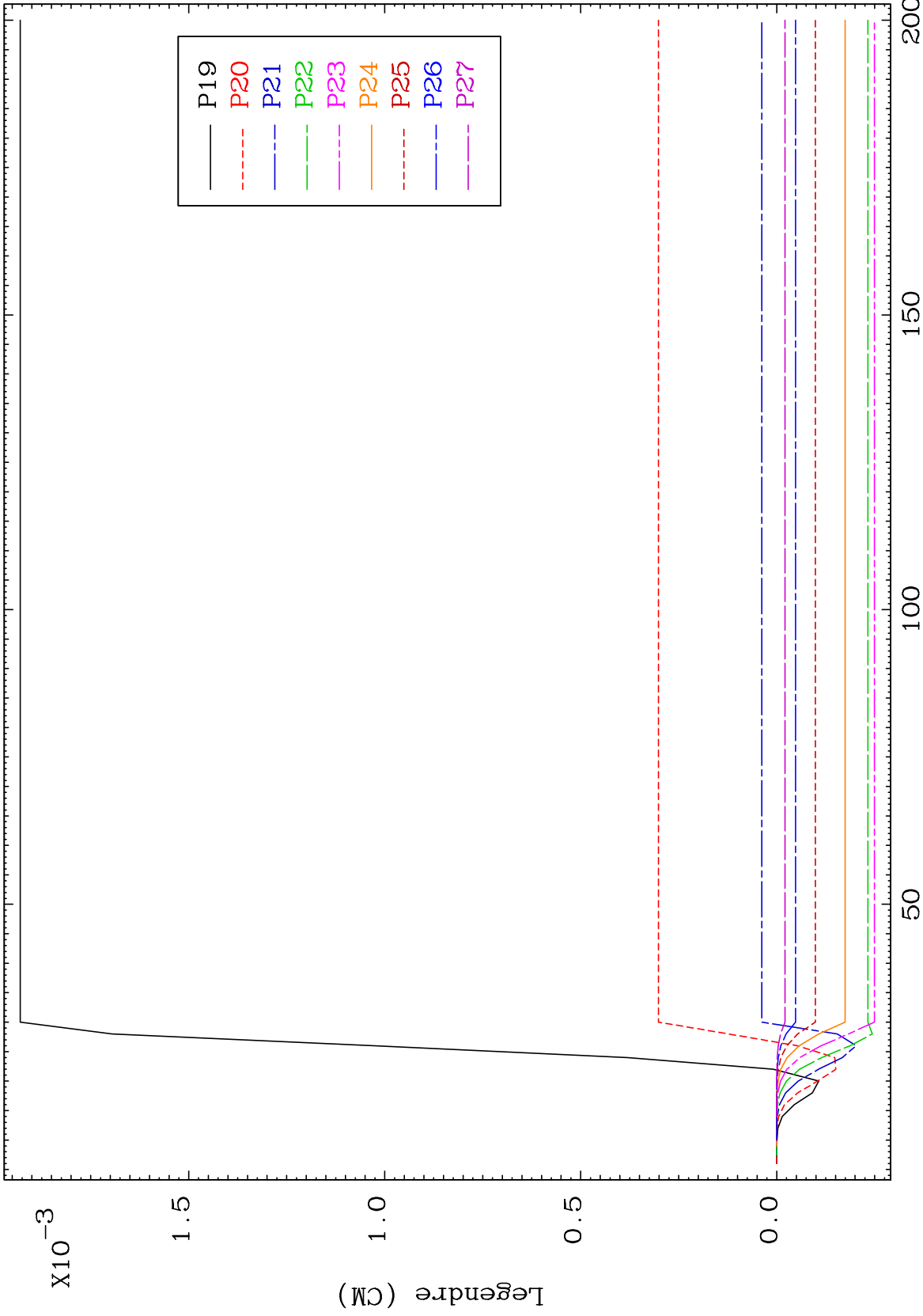
Incident Energy (MeV)

81-Tl-180

MAT 8056

MT= 59 (n,n') Level
Legendre Coefficients

81-T1-180

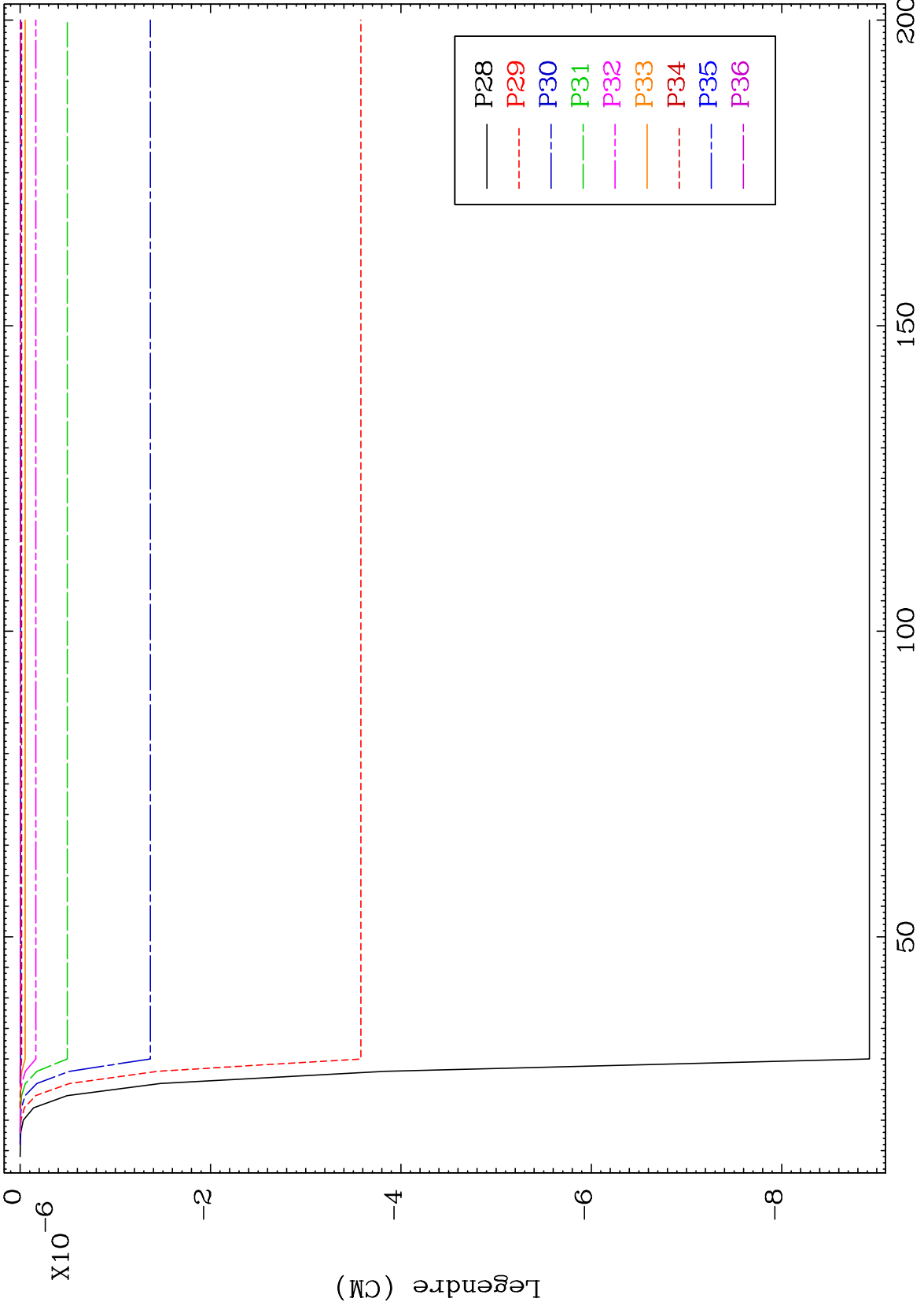


52

Incident Energy (MeV)

81-T1-180

MAT 8056 MT= 59 (n,n') Level Legendre Coefficients 81-T1-180

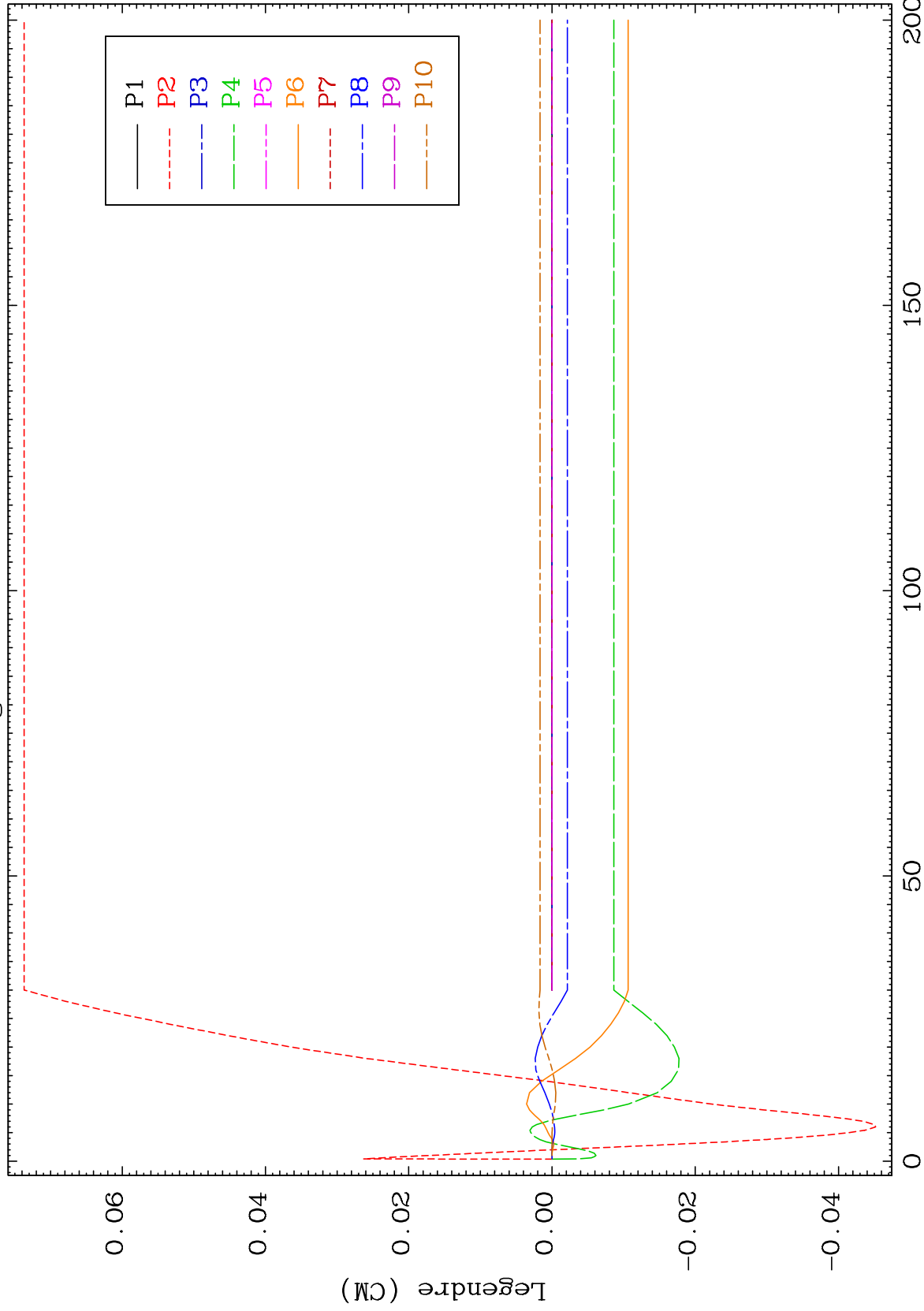


53 Incident Energy (MeV) 81-T1-180

MAT 8056

MT= 60 (n,n') Level
Legendre Coefficients

81-T1-180

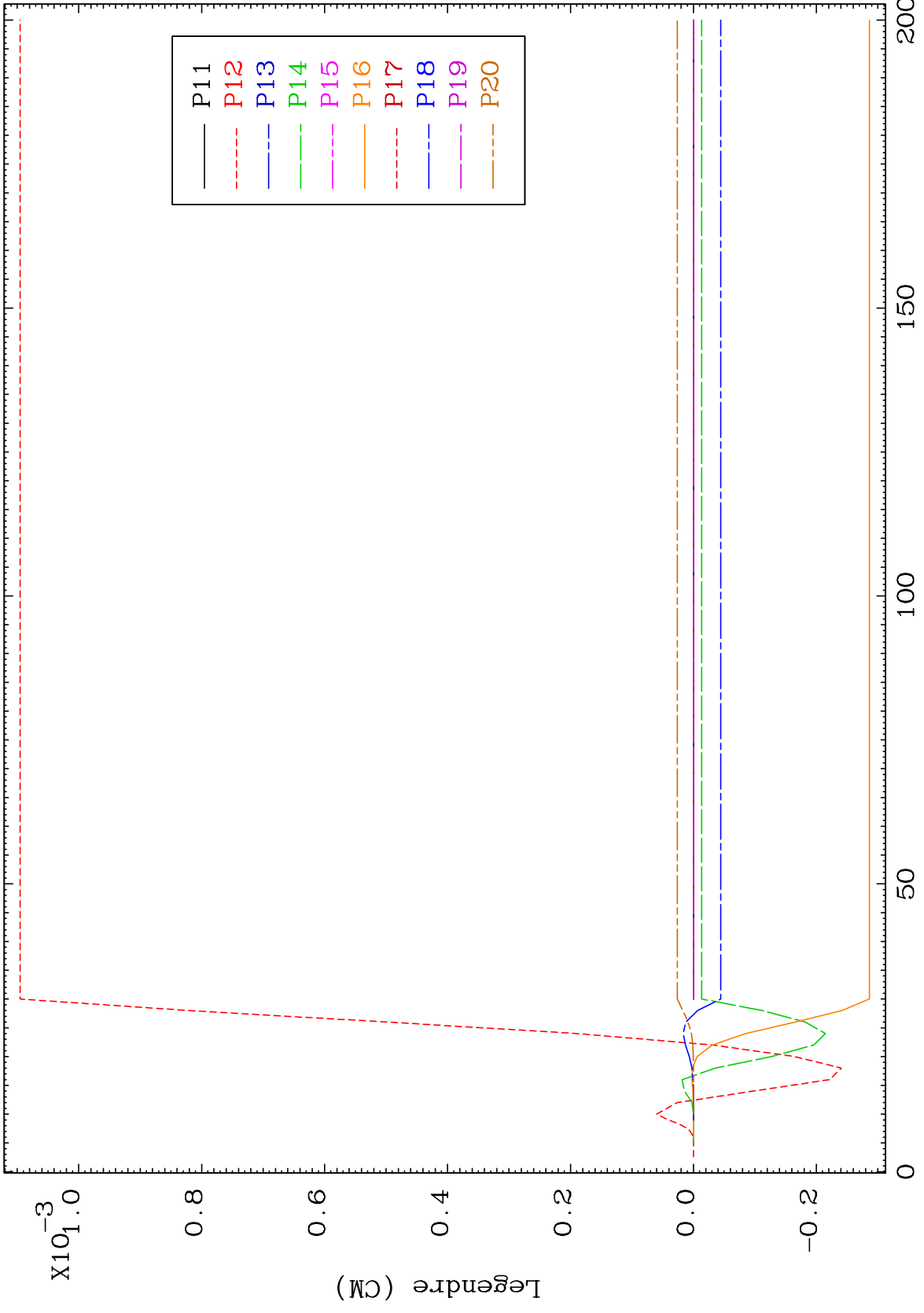


54

Incident Energy (MeV)

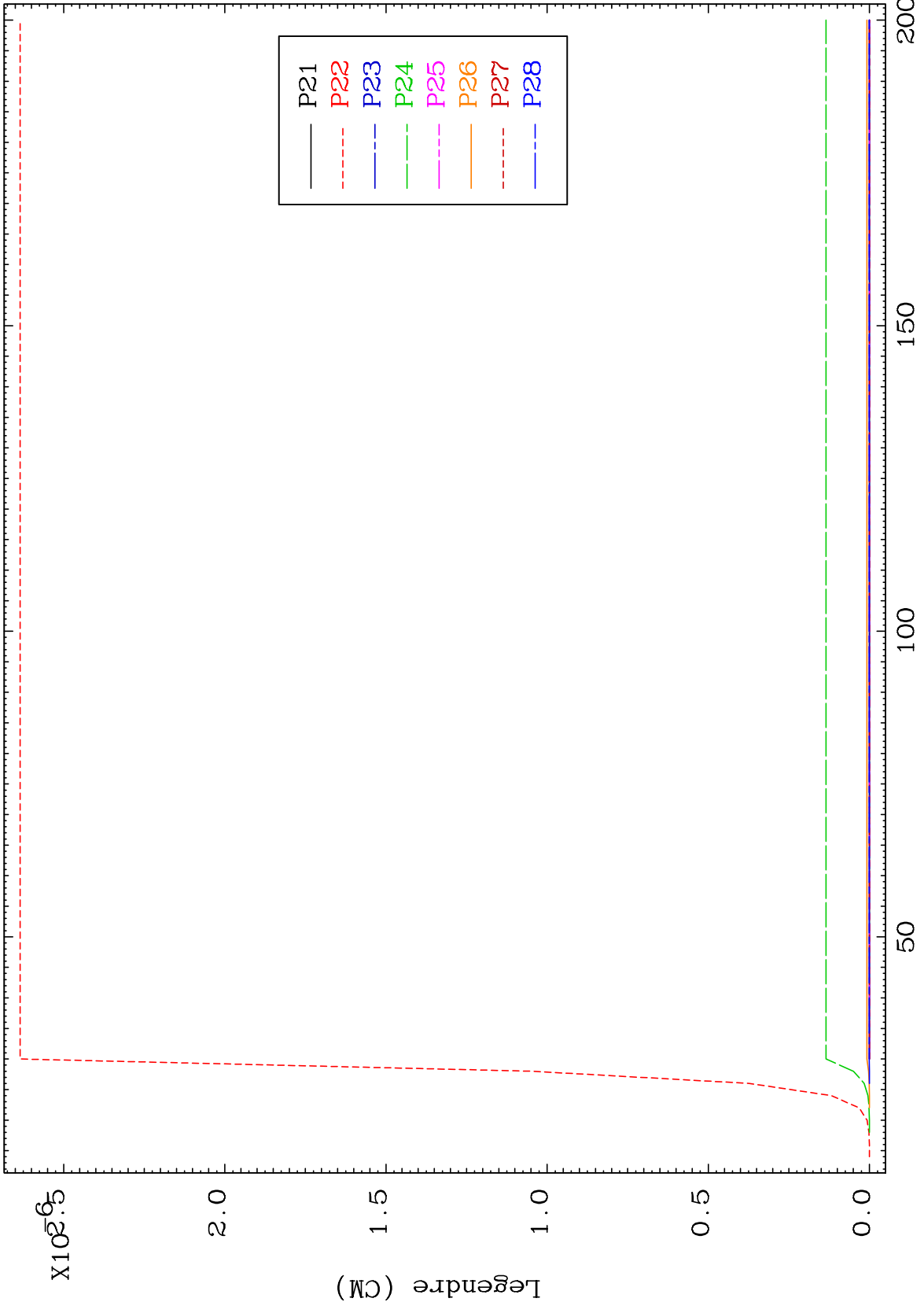
81-T1-180

MAT 8056 MT= 60 (n,n') Level Legendre Coefficients 81-T1-180



55 Incident Energy (MeV) 81-T1-180

MAT 8056 MT= 60 (n, n') Level Legendre Coefficients 81-T1-180

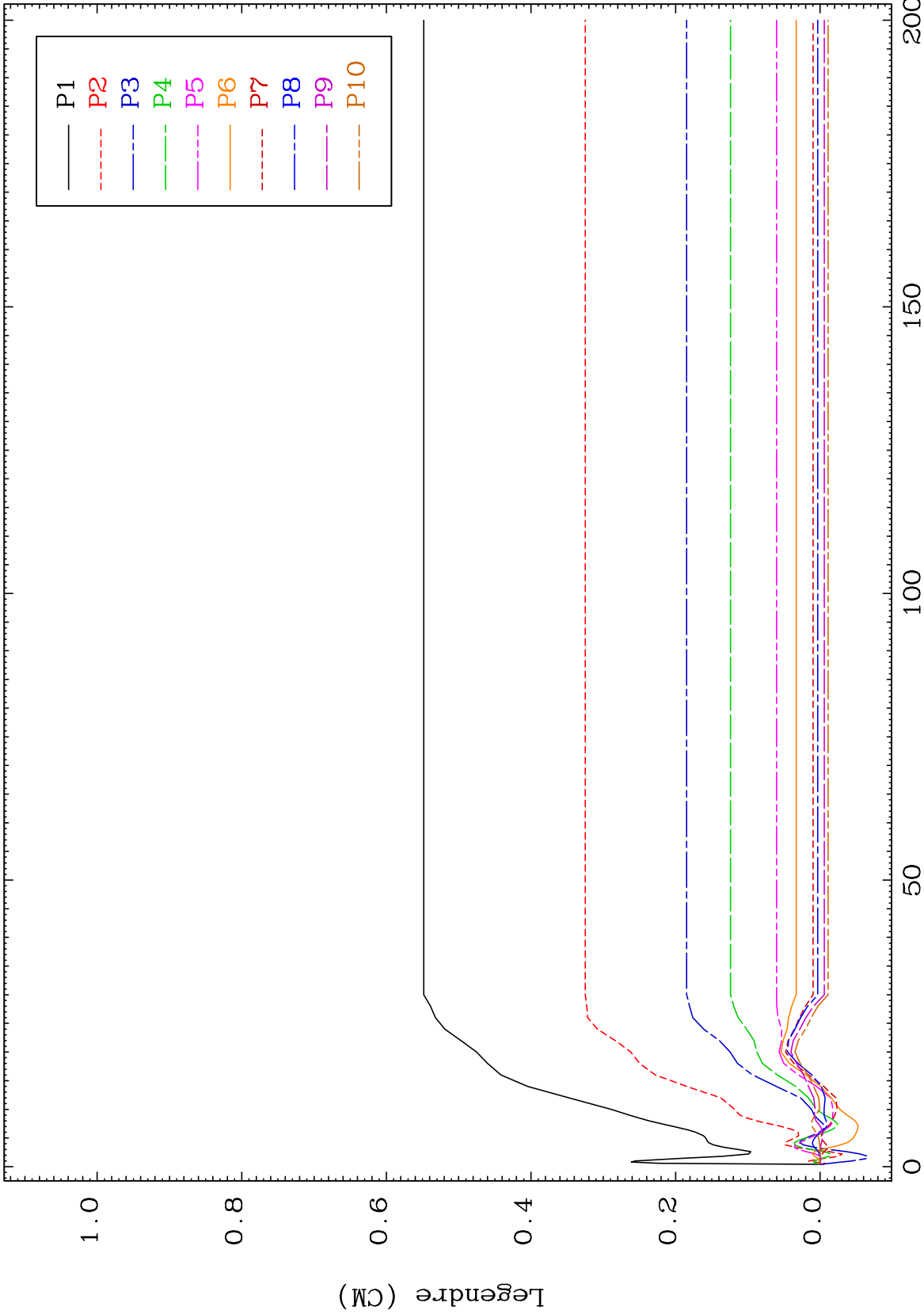


56 Incident Energy (MeV) 81-T1-180

MAT 8056

MT= 61 (n,n') Level
Legendre Coefficients

81-T1-180



57

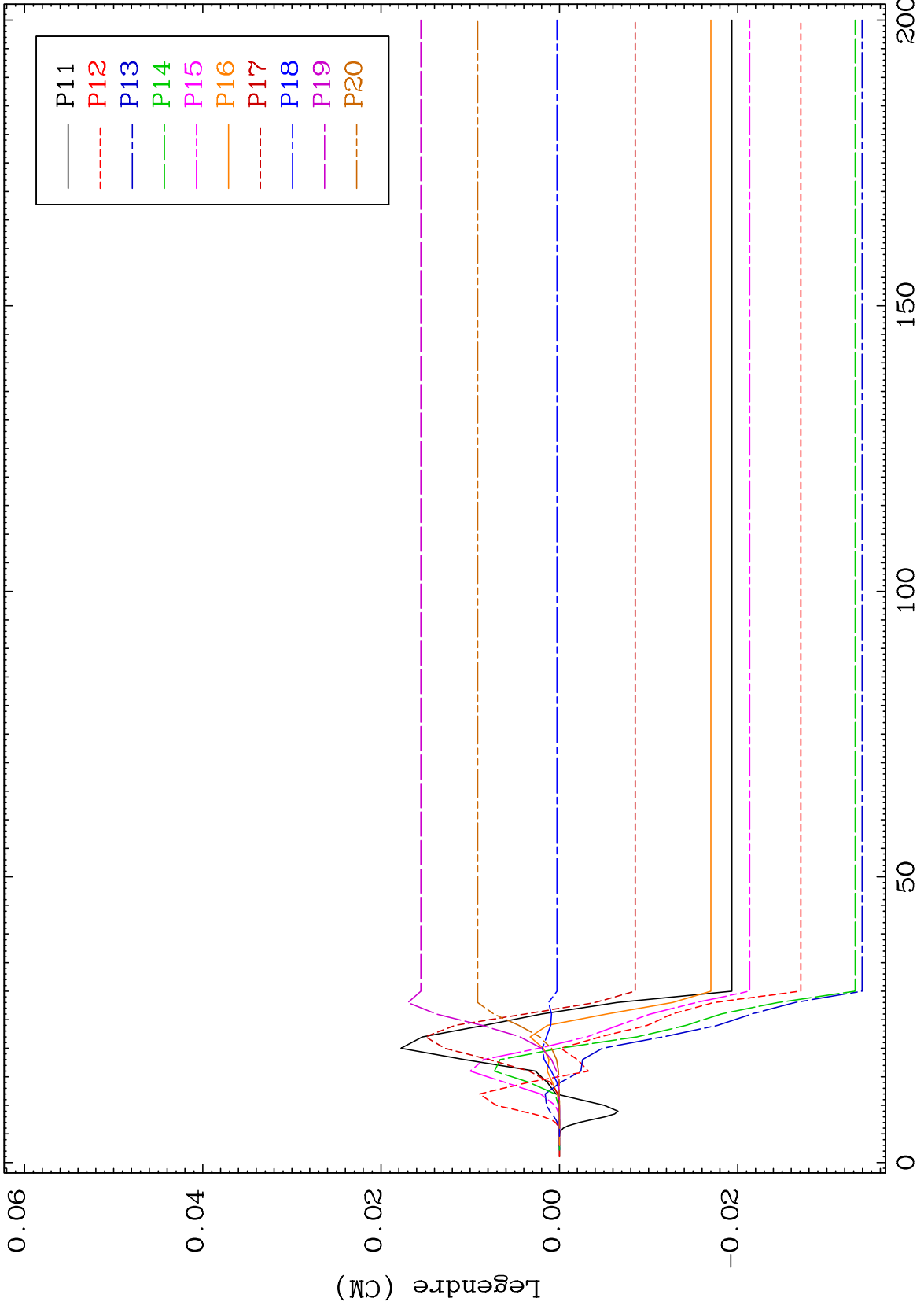
Incident Energy (MeV)

81-T1-180

MAT 8056

MT= 61 (n,n') Level
Legendre Coefficients

81-Tl-180



58

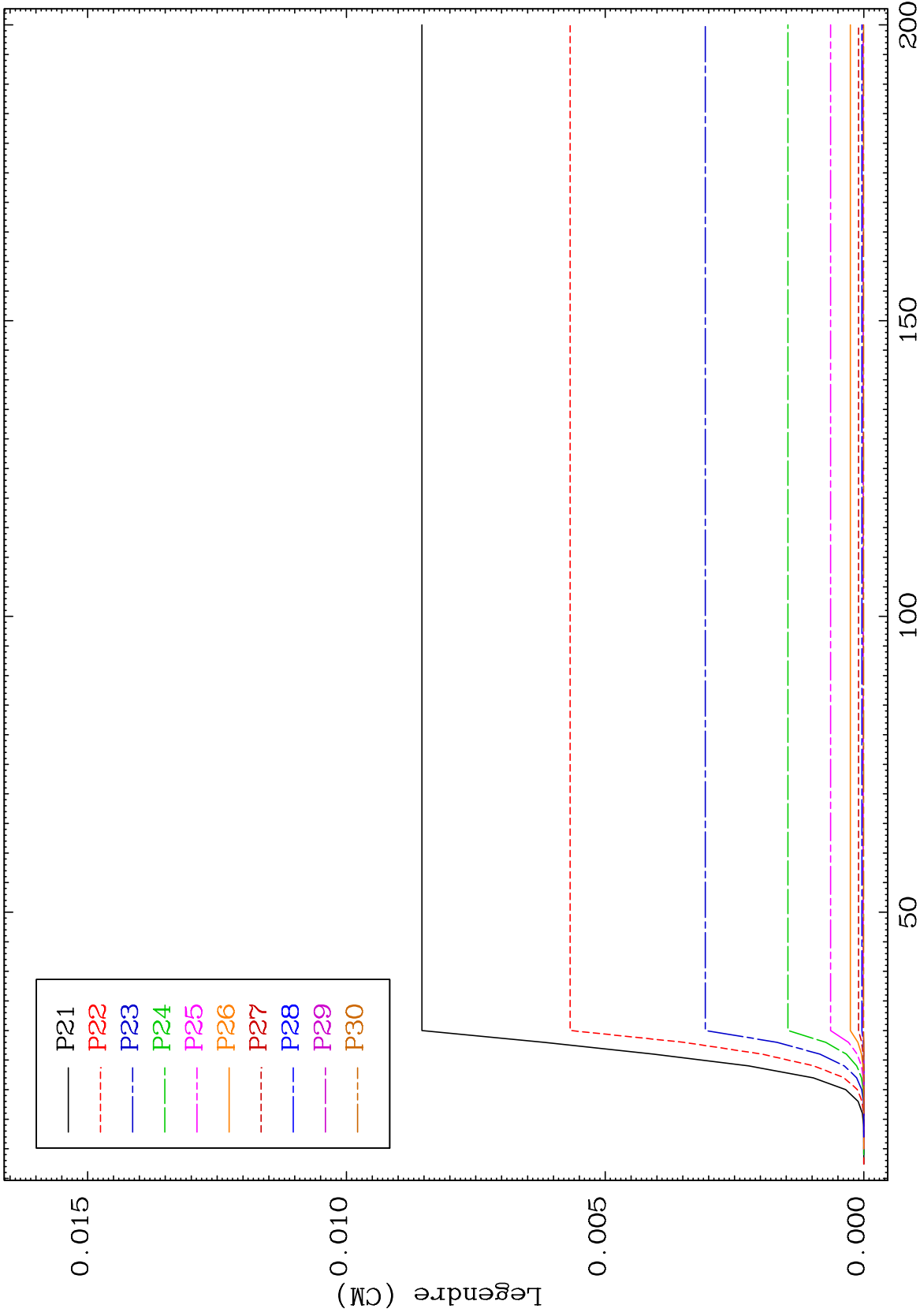
Incident Energy (MeV)

81-Tl-180

MAT 8056

MT= 61 (n,n') Level
Legendre Coefficients

81-Tl-180



59

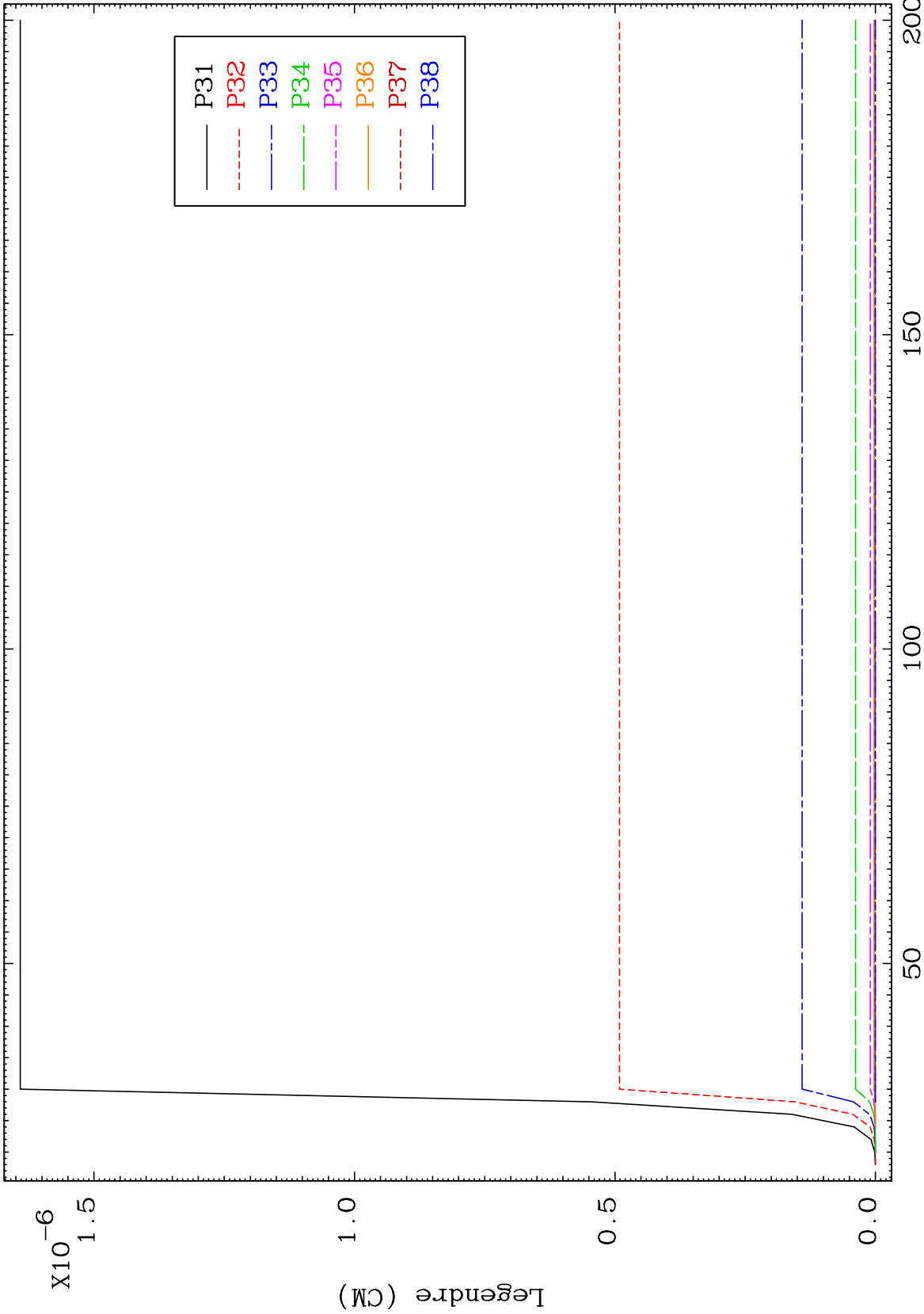
Incident Energy (MeV)

81-Tl-180

MAT 8056

MT= 61 (n,n') Level
Legendre Coefficients

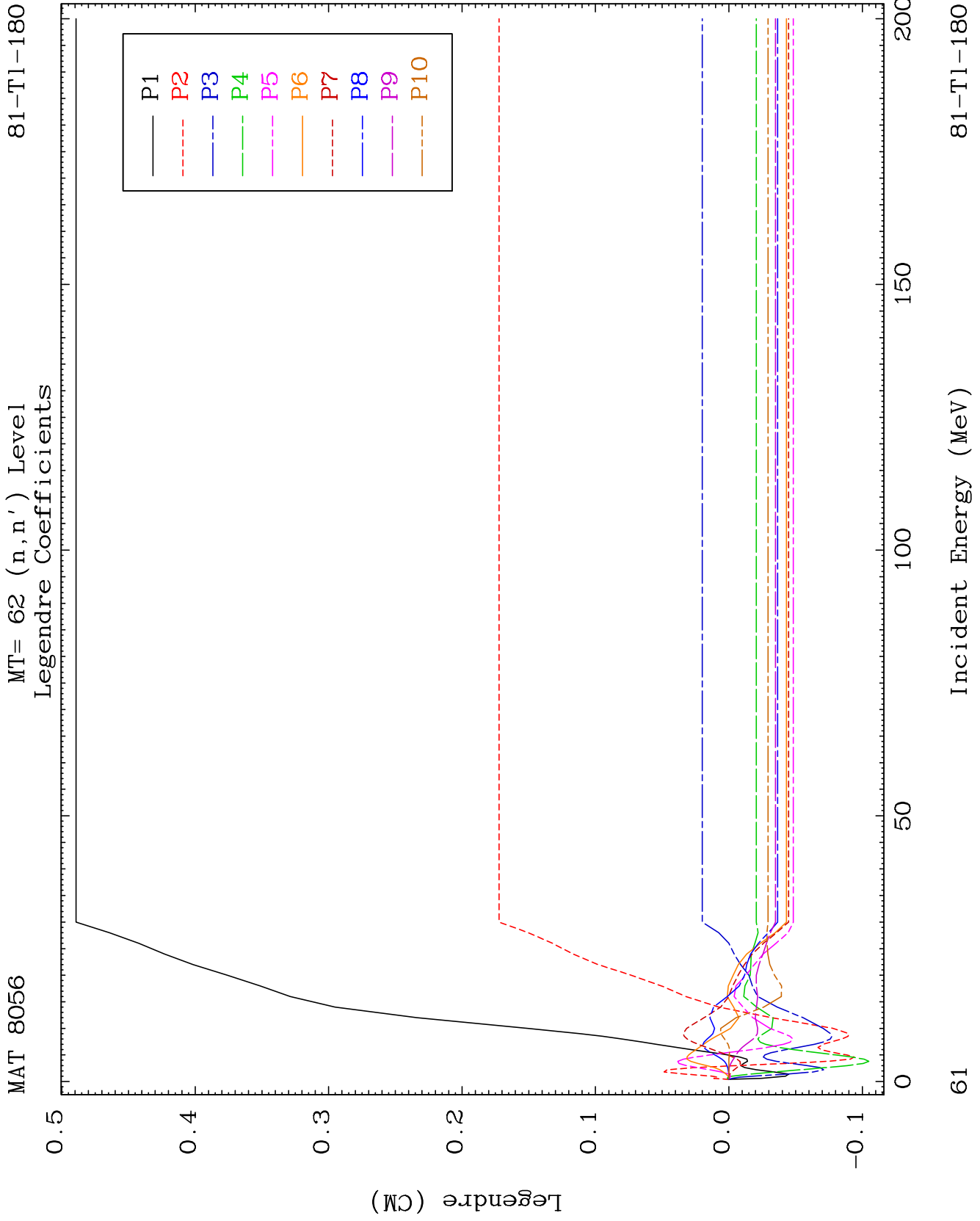
81-Tl-180



60

Incident Energy (MeV)

81-Tl-180



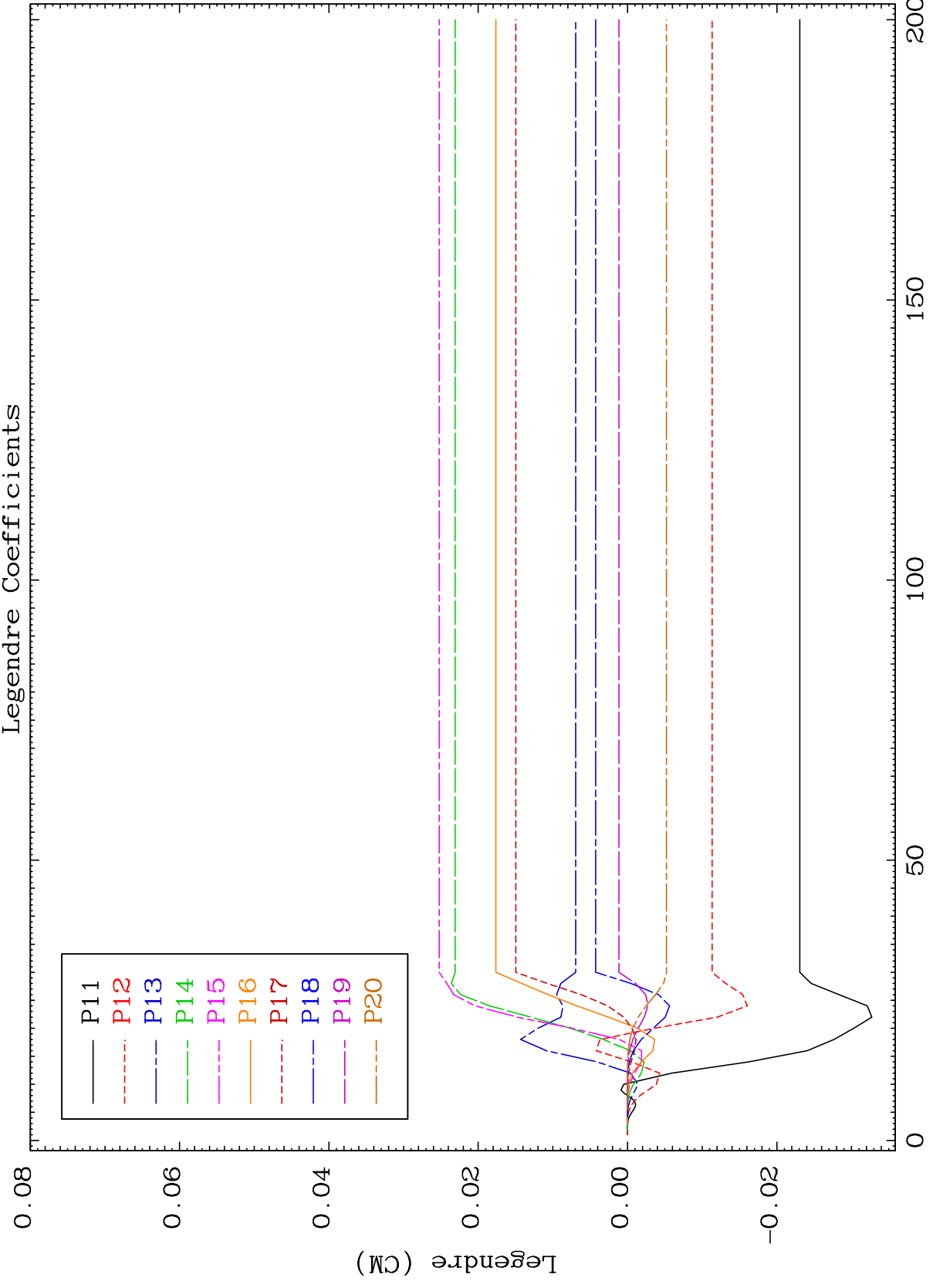
MAT 8056 MT= 62 (n,n') Level Legendre Coefficients

81-T1-180

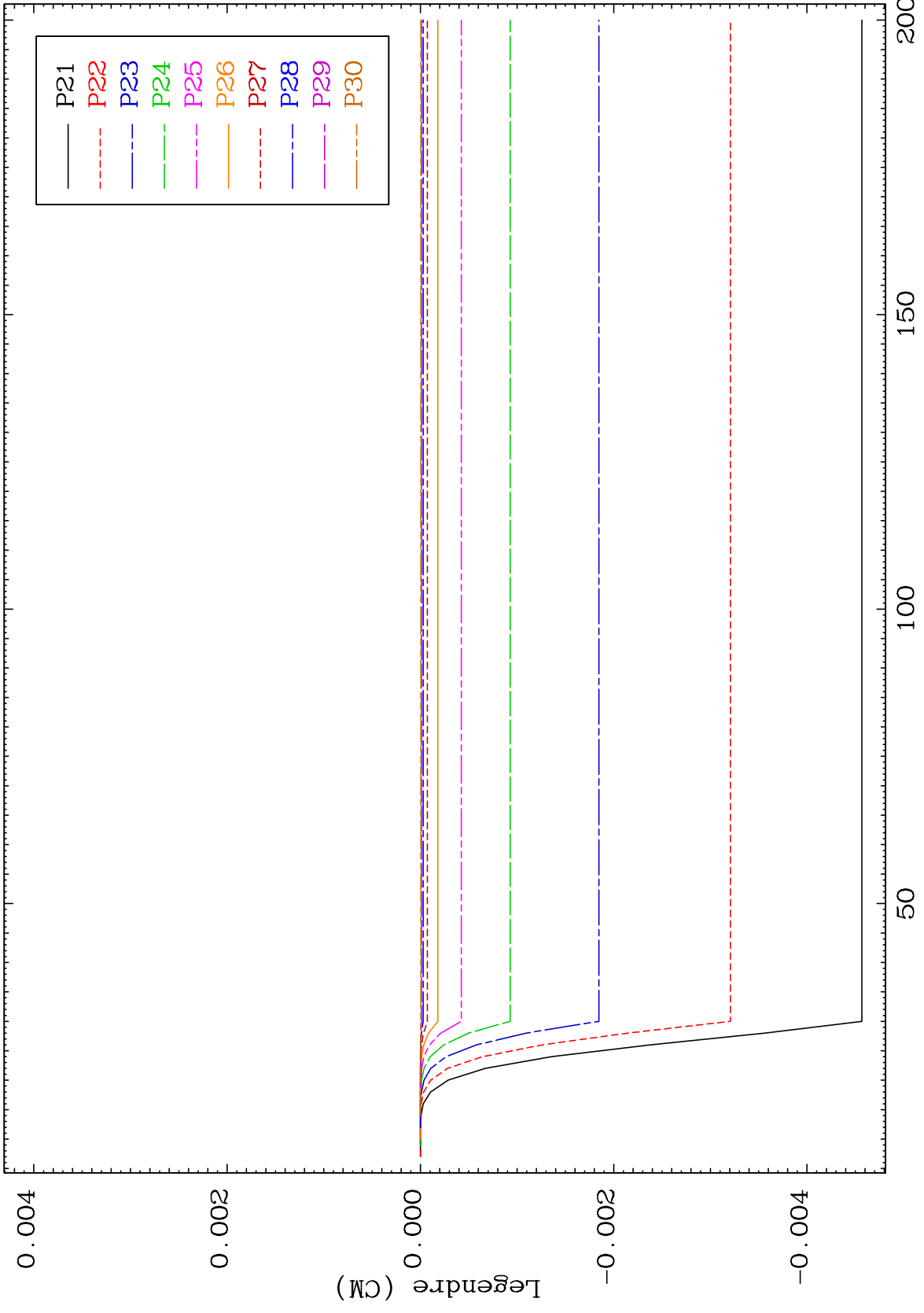
81-T1-180

Incident Energy (MeV)

62



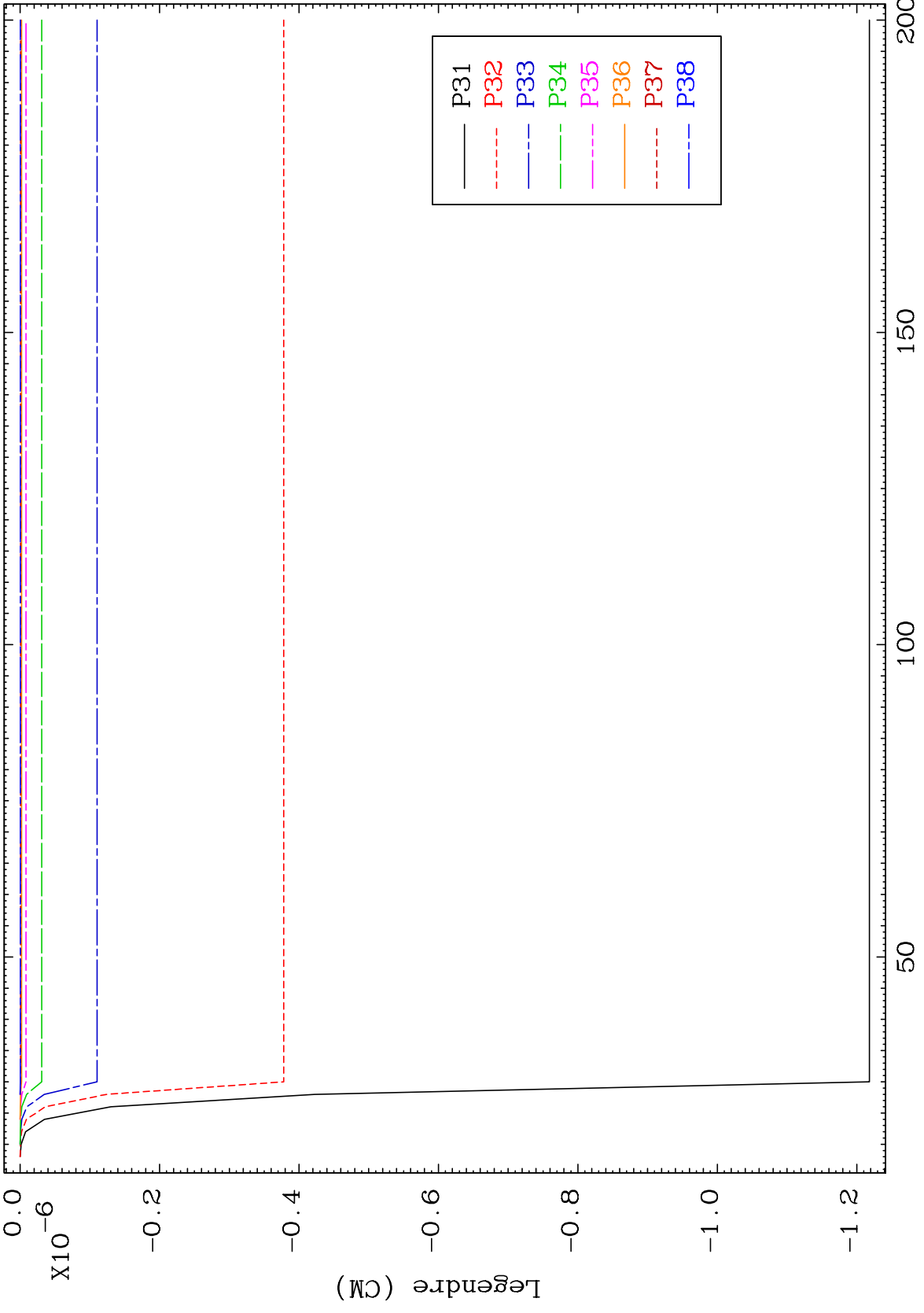
MAT 8056 MT= 62 (n,n') Level Legendre Coefficients 81-T1-180



81-T1-180

Incident Energy (MeV)

MAT 8056 MT= 62 (n,n') Level Legendre Coefficients 81-T1-180

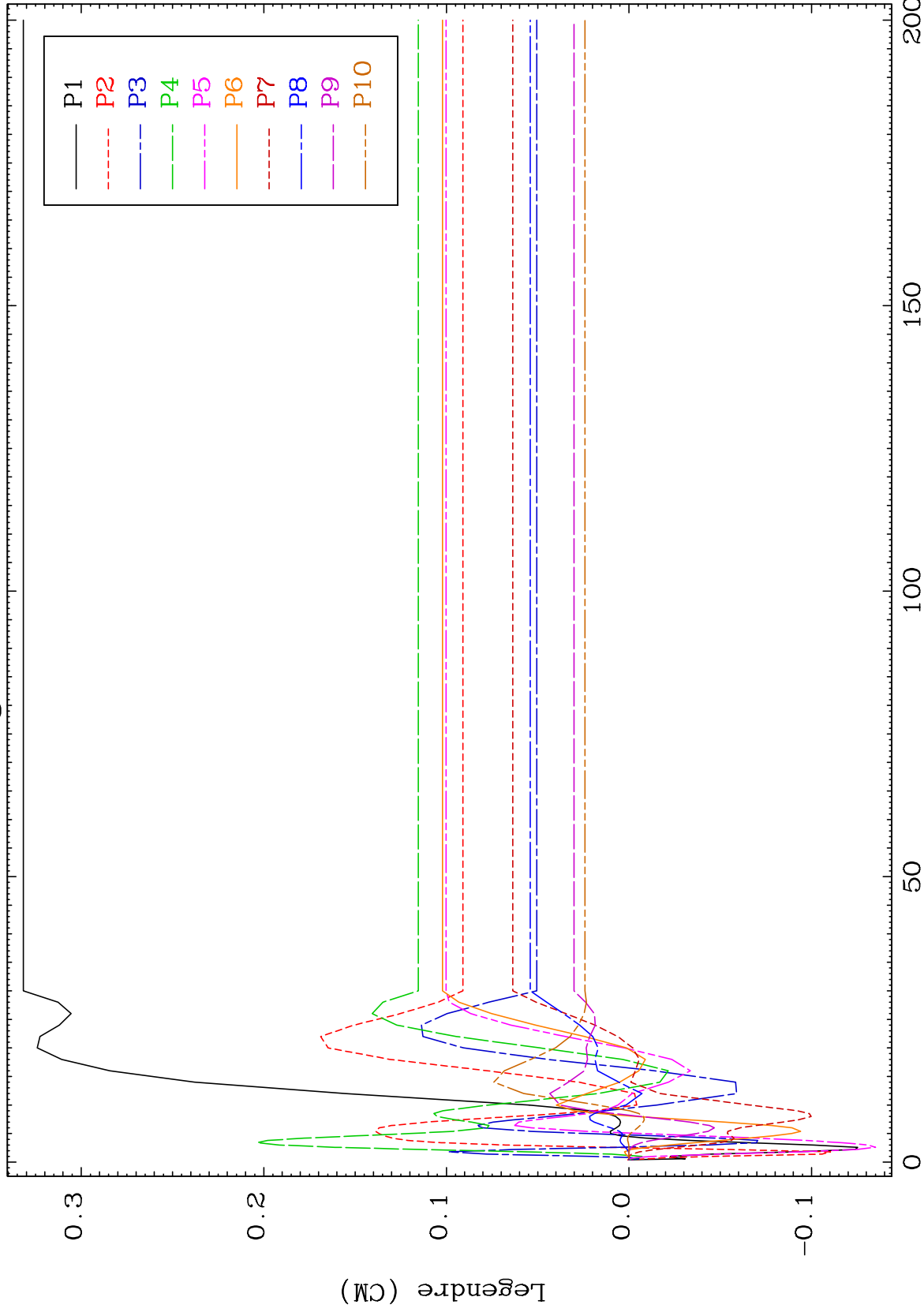


64 81-T1-180

MAT 8056

MT= 63 (n,n') Level
Legendre Coefficients

81-T1-180



65

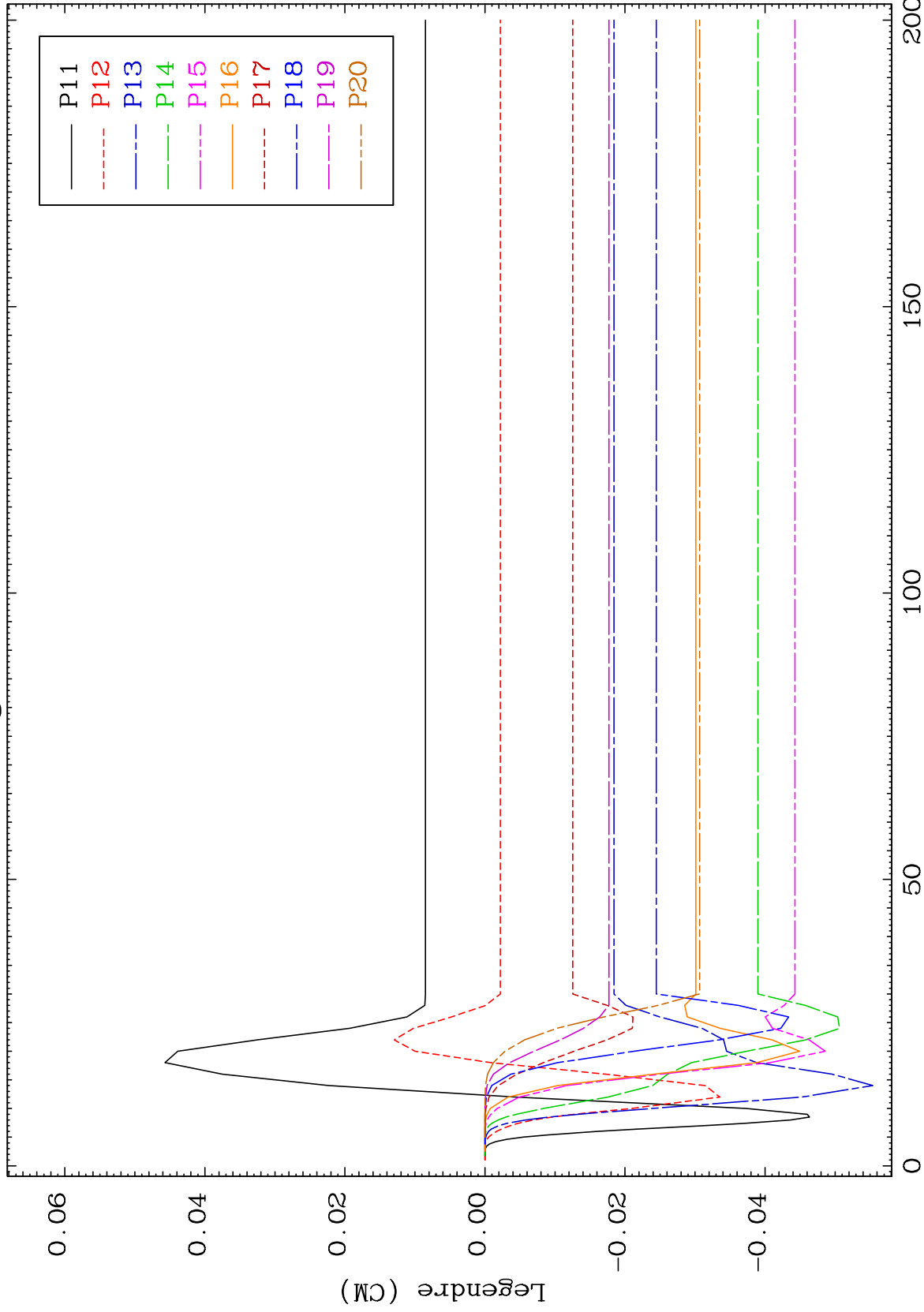
Incident Energy (MeV)

81-T1-180

MAT 8056

MT= 63 (n,n') Level
Legendre Coefficients

81-T1-180

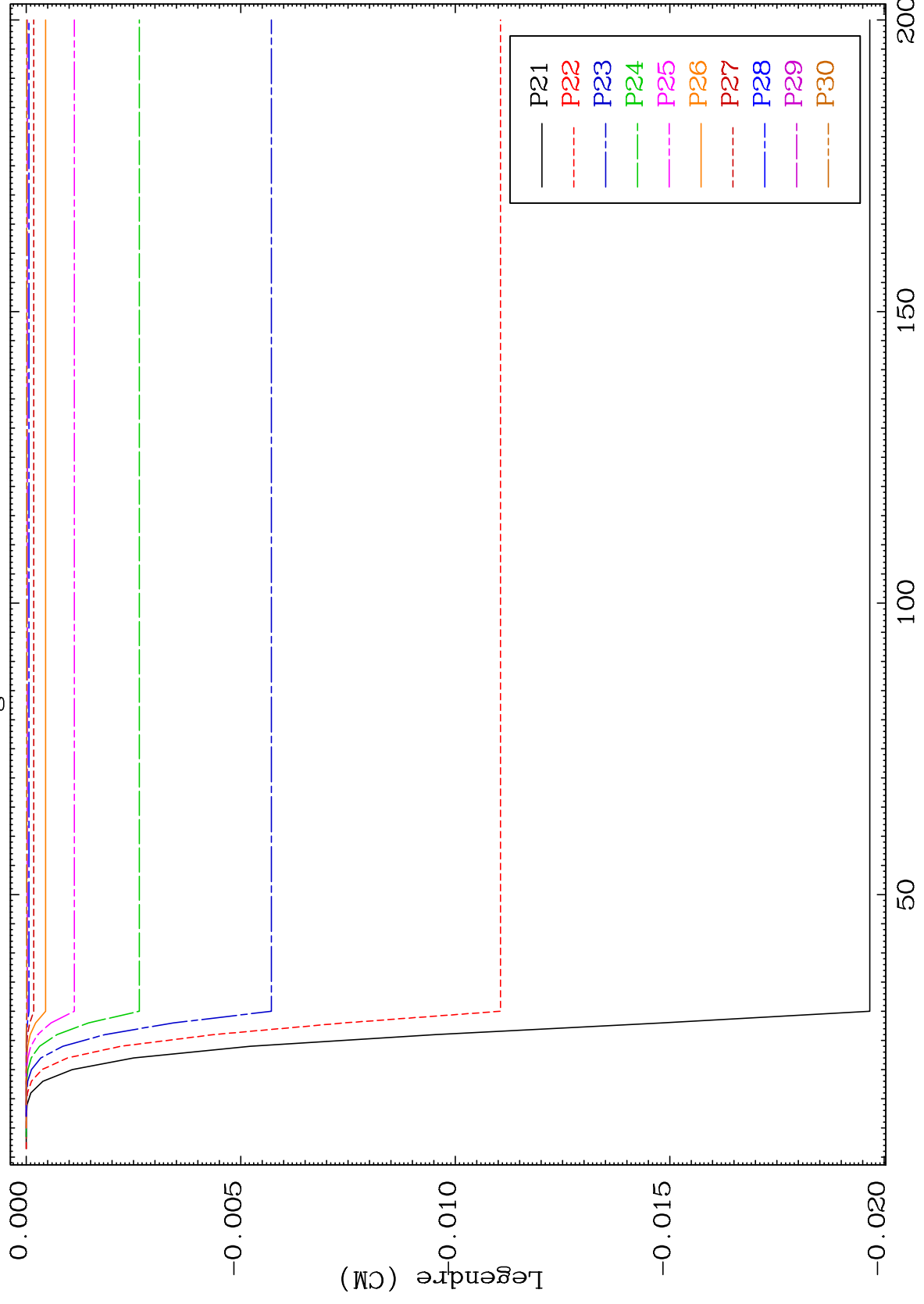


66

Incident Energy (MeV)

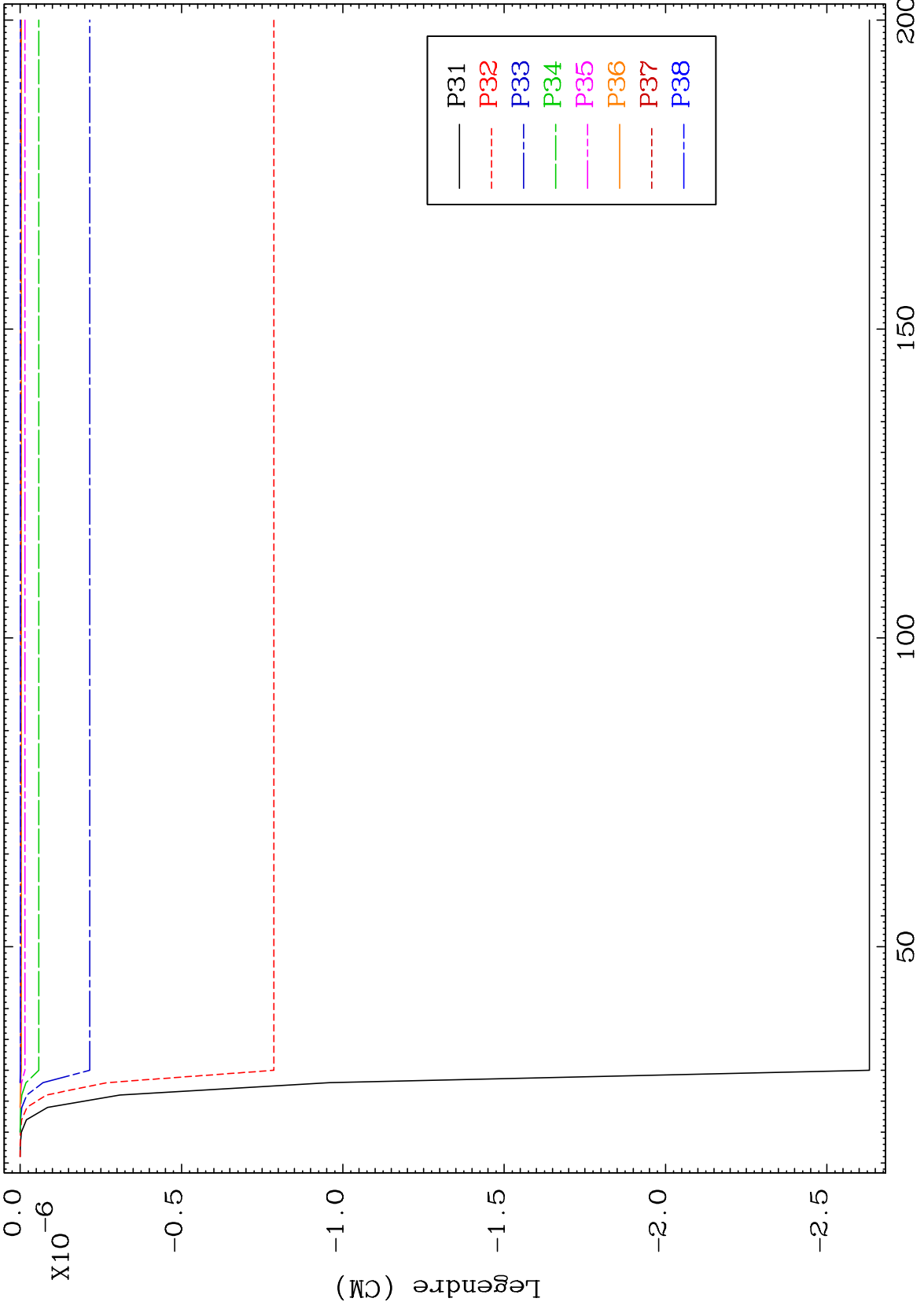
81-T1-180

MAT 8056 MT= 63 (n,n') Level Legendre Coefficients 81-T1-180



67 81-T1-180

MAT 8056 MT= 63 (n,n') Level Legendre Coefficients 81-T1-180

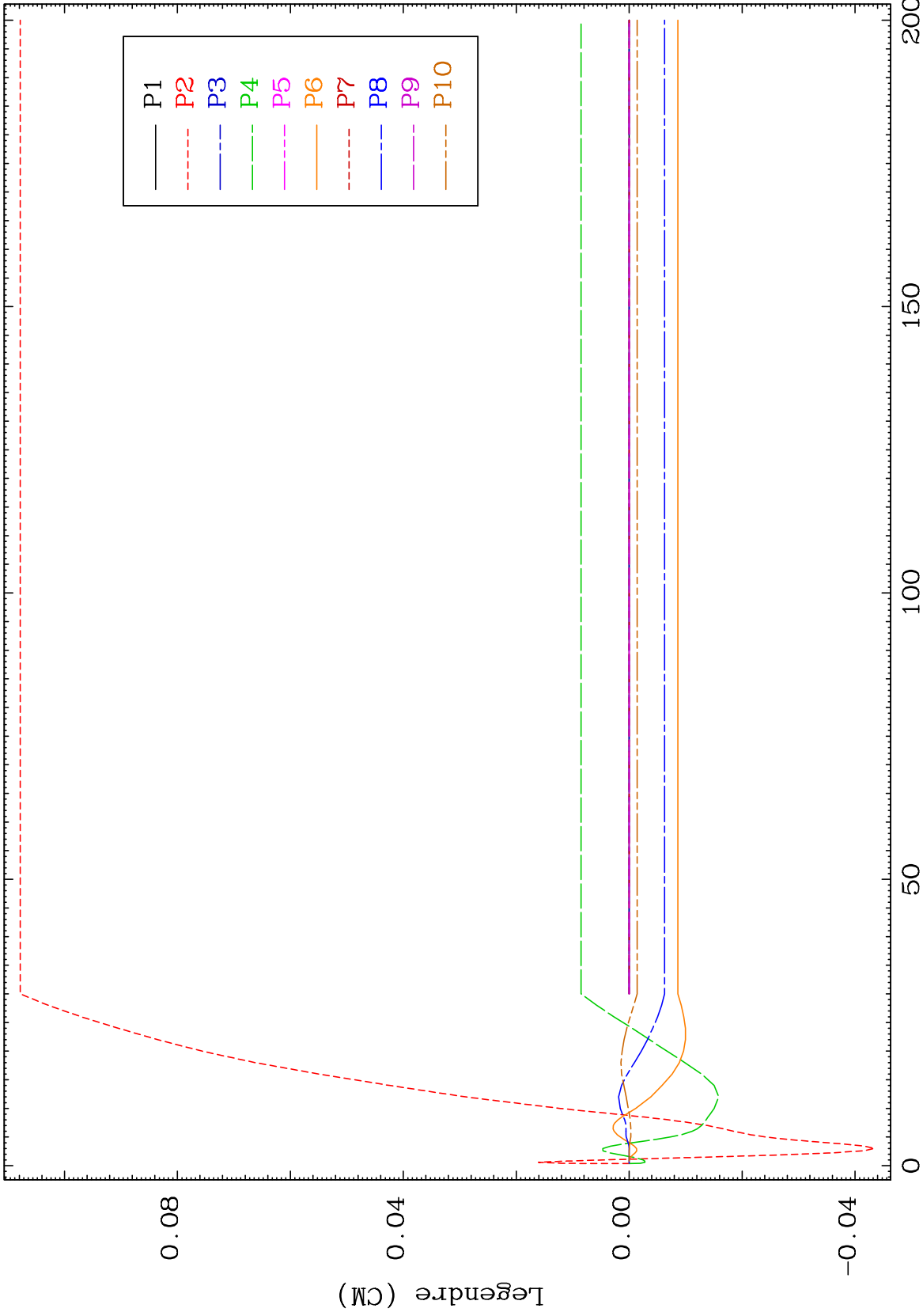


68 81-T1-180

MAT 8056

MT= 64 (n,n') Level
Legendre Coefficients

81-T1-180



69

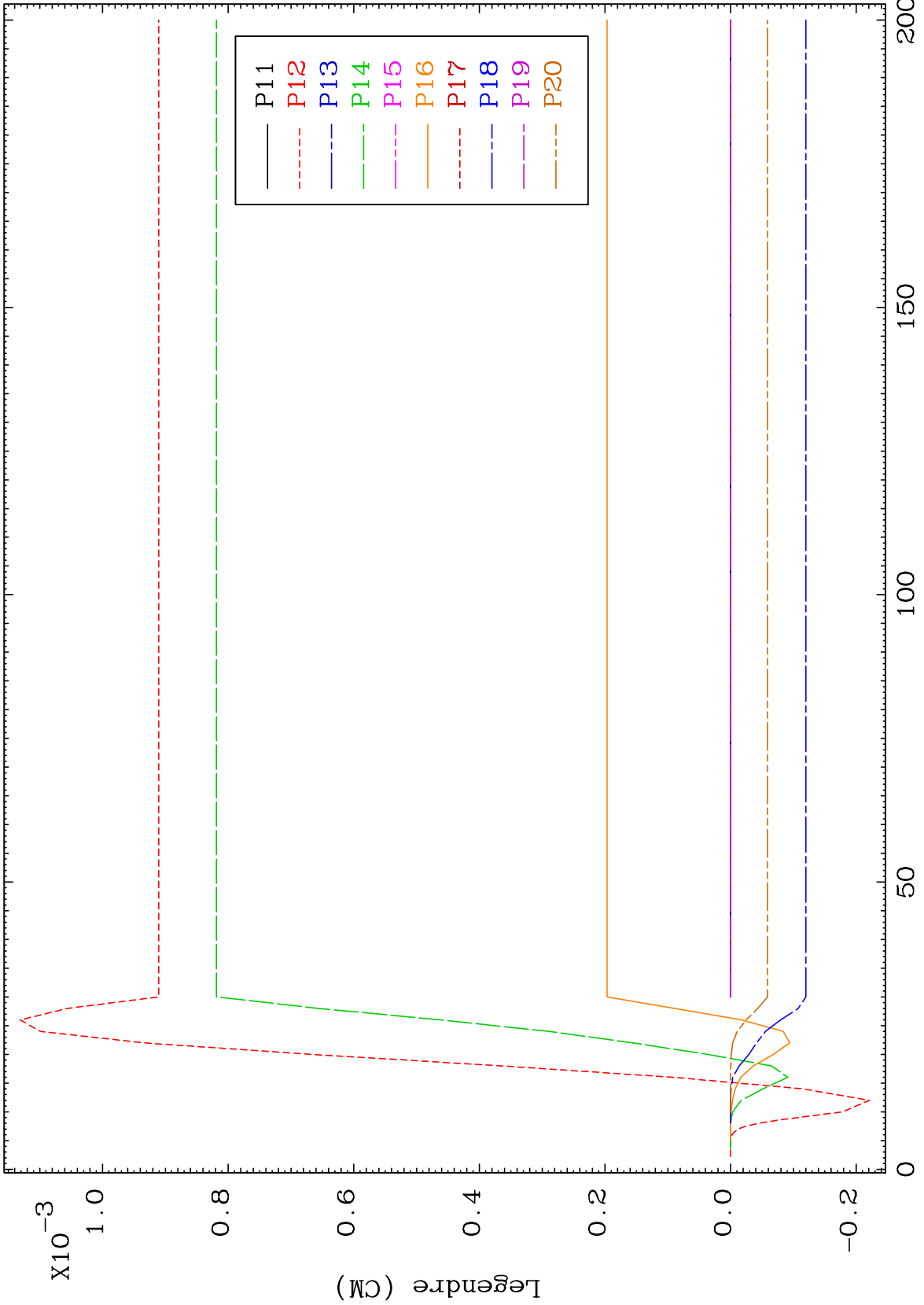
Incident Energy (MeV)

81-T1-180

MAT 80566

MT= 64 (n,n') Level
Legendre Coefficients

81-T1-180

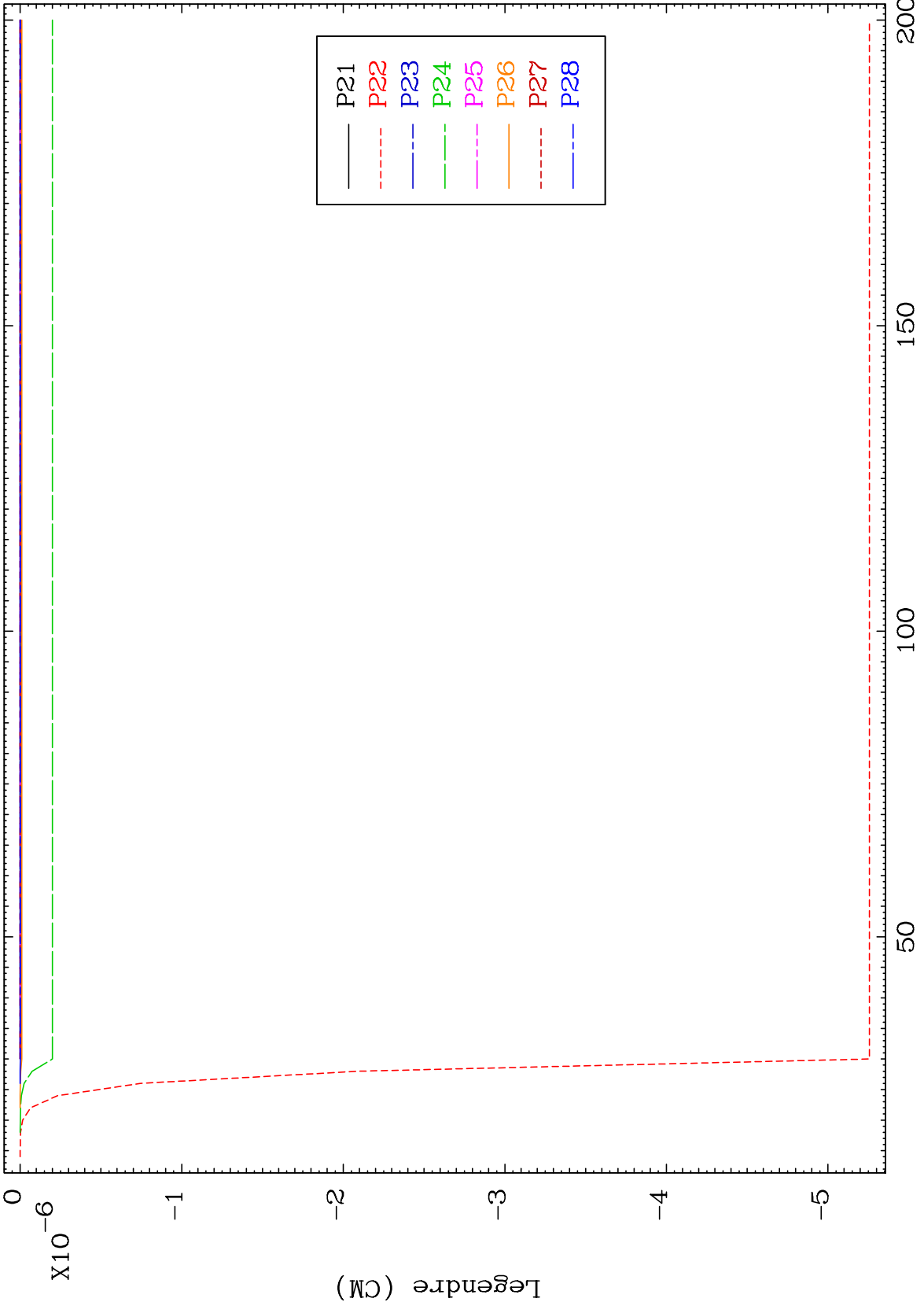


70

Incident Energy (MeV)

81-T1-180

MAT 8056 MT= 64 (n,n') Level Legendre Coefficients 81-T1-180

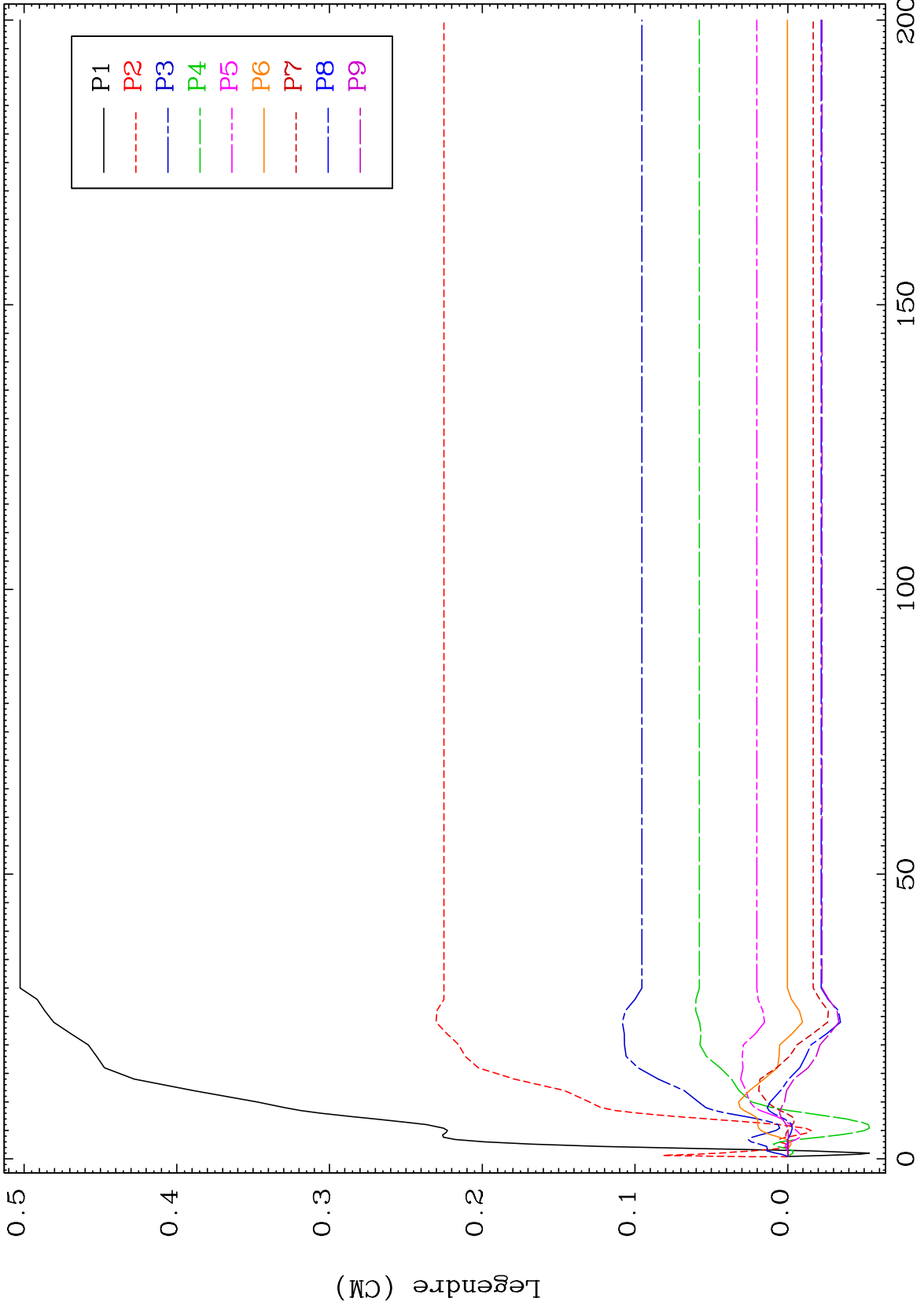


71 81-T1-180

MAT 8056

MT= 65 (n,n') Level
Legendre Coefficients

81-Tl-180



72

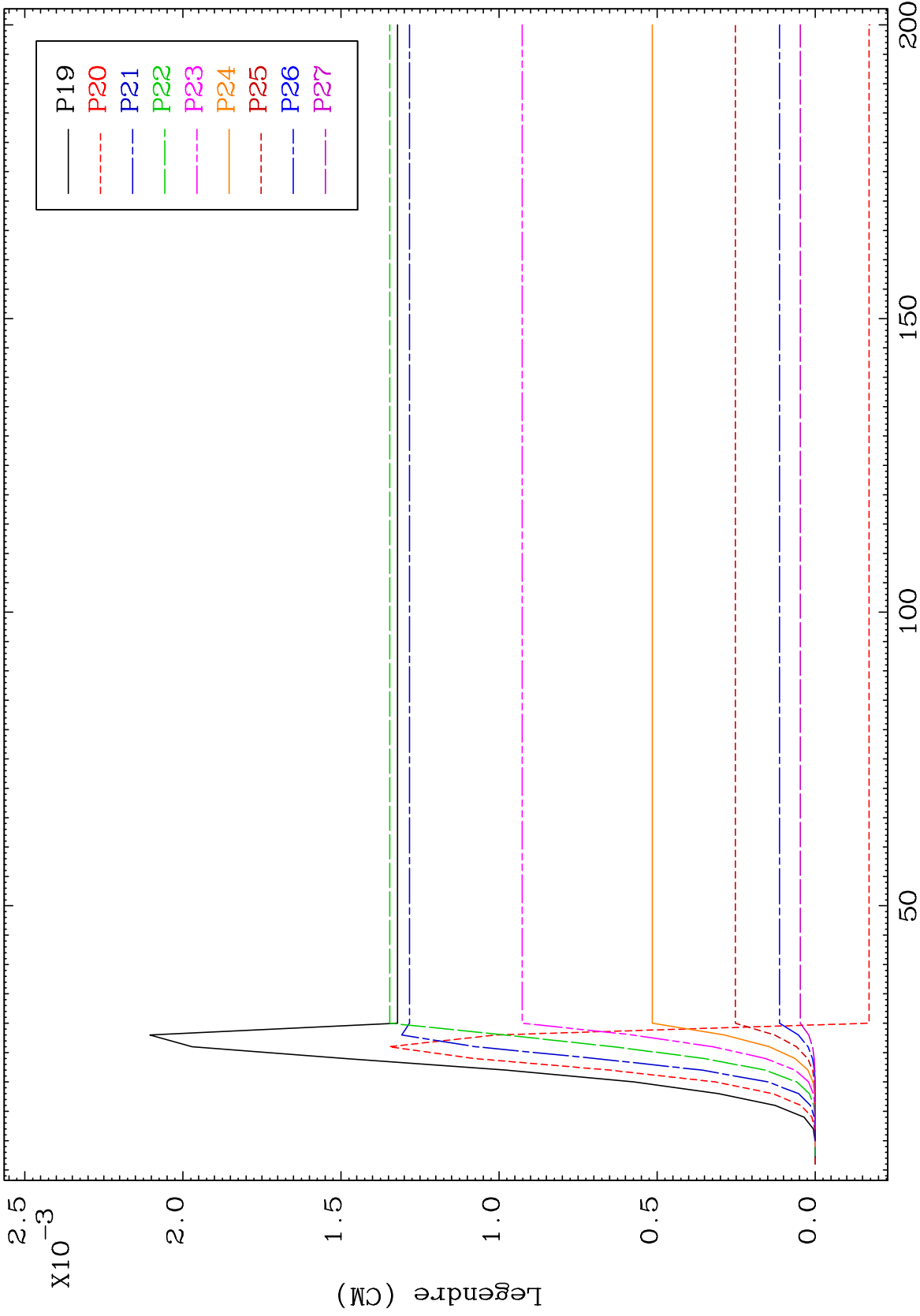
Incident Energy (MeV)

81-Tl-180

MAT 80566

MT= 65 (n,n') Level
Legendre Coefficients

81-Tl-180



74

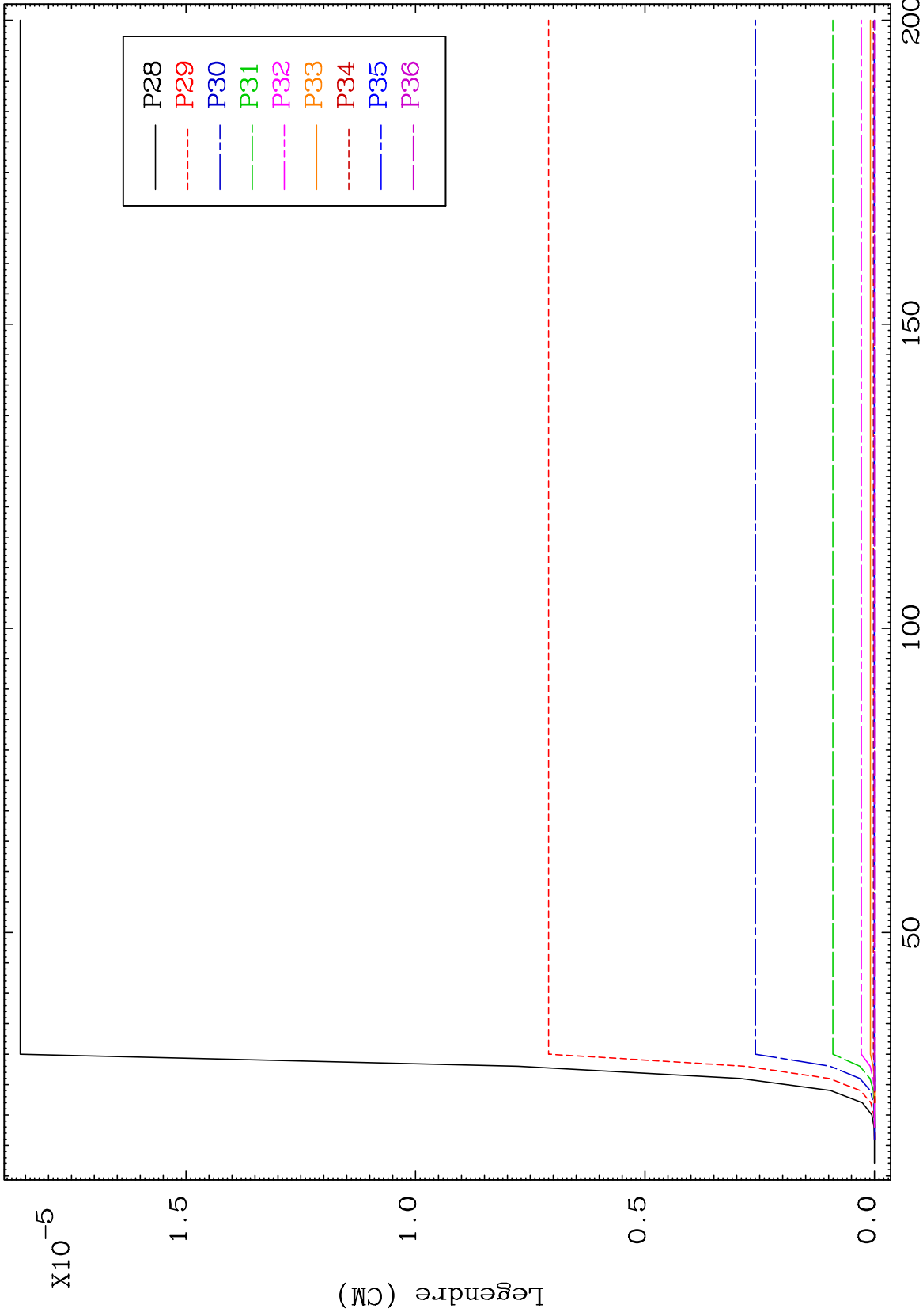
Incident Energy (MeV)

81-Tl-180

MAT 8056

MT= 65 (n,n') Level
Legendre Coefficients

81-Tl-180



75

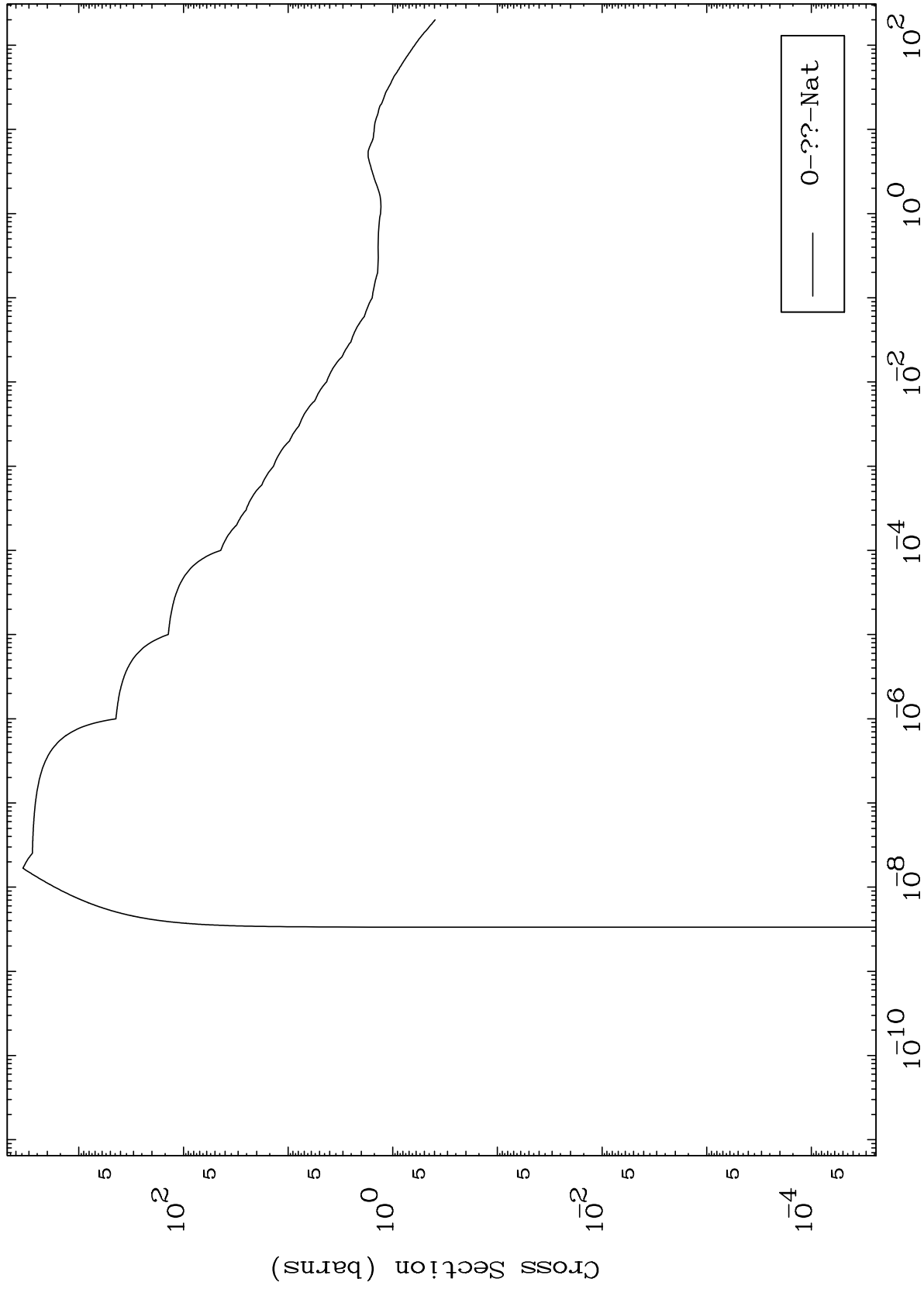
Incident Energy (MeV)

81-Tl-180

MAT 8056

81-Tl-180

Fission Radionuclide Production Cross Section



76

Incident Energy (MeV)

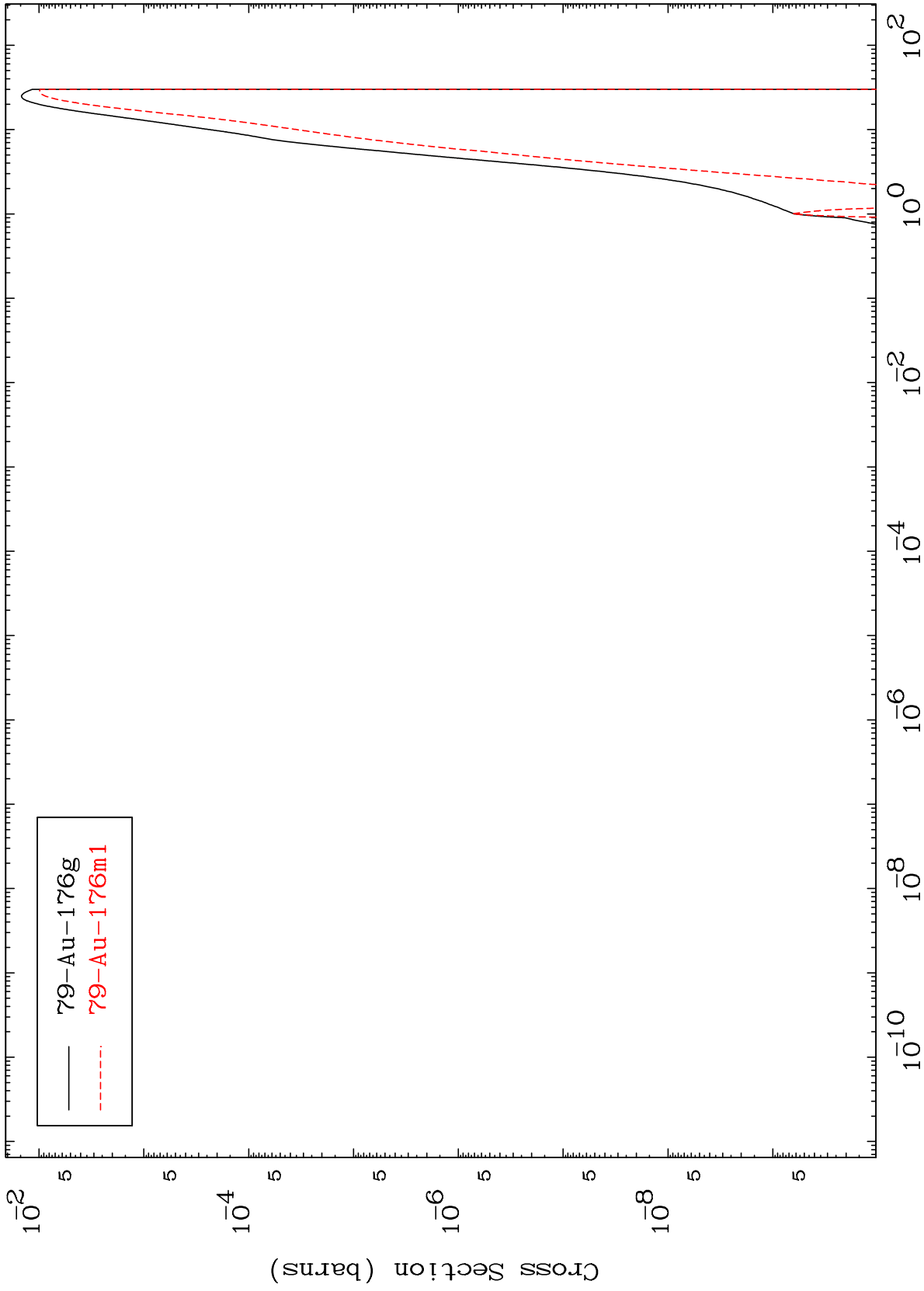
81-Tl-180

MAT 8056

(n,n') α

81-Tl-180

Radionuclide Production Cross Section



77

Incident Energy (MeV)

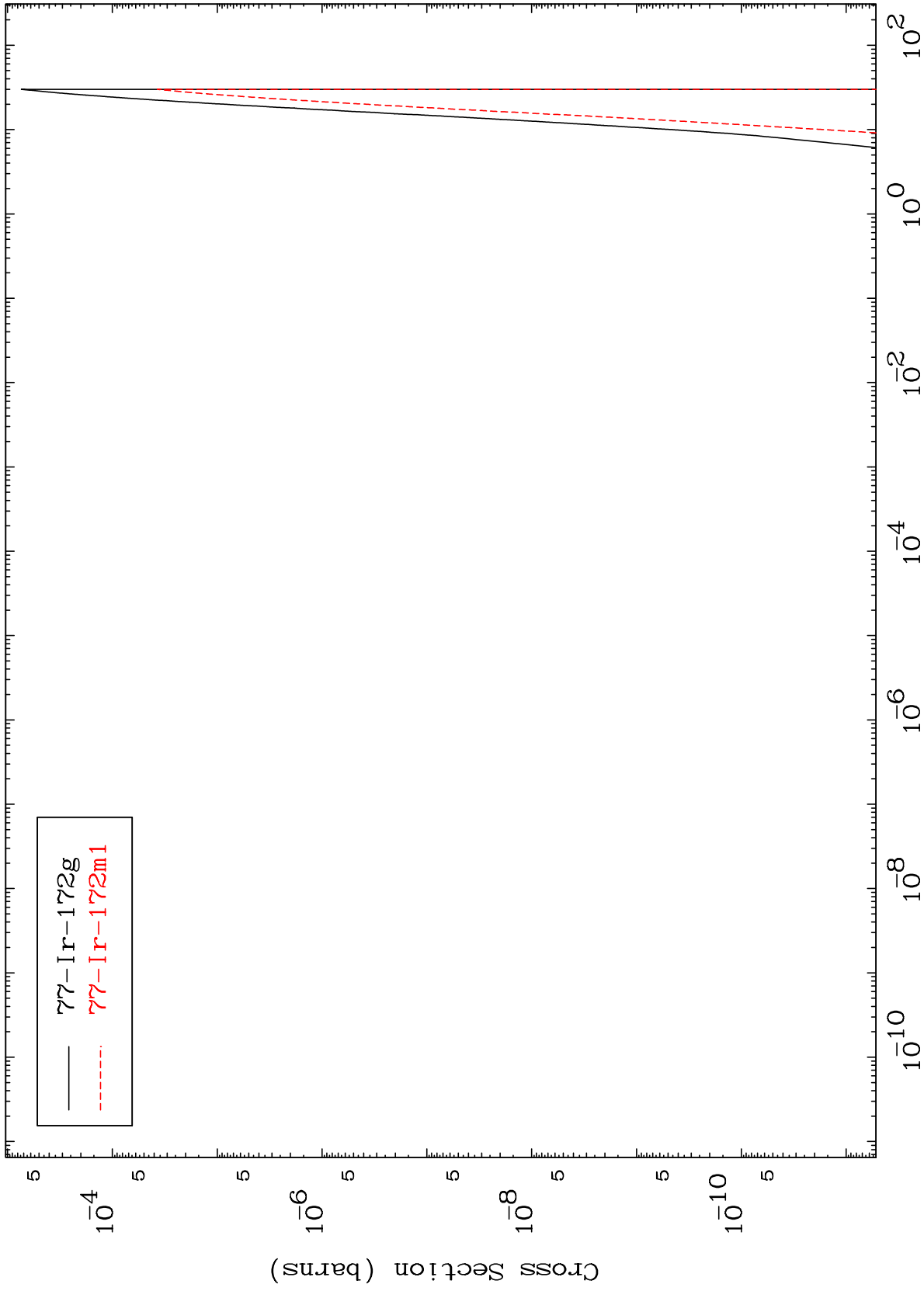
81-Tl-180

MAT 8056

(n,n') 2 α

81-Tl-180

Radionuclide Production Cross Section



78

Incident Energy (MeV)

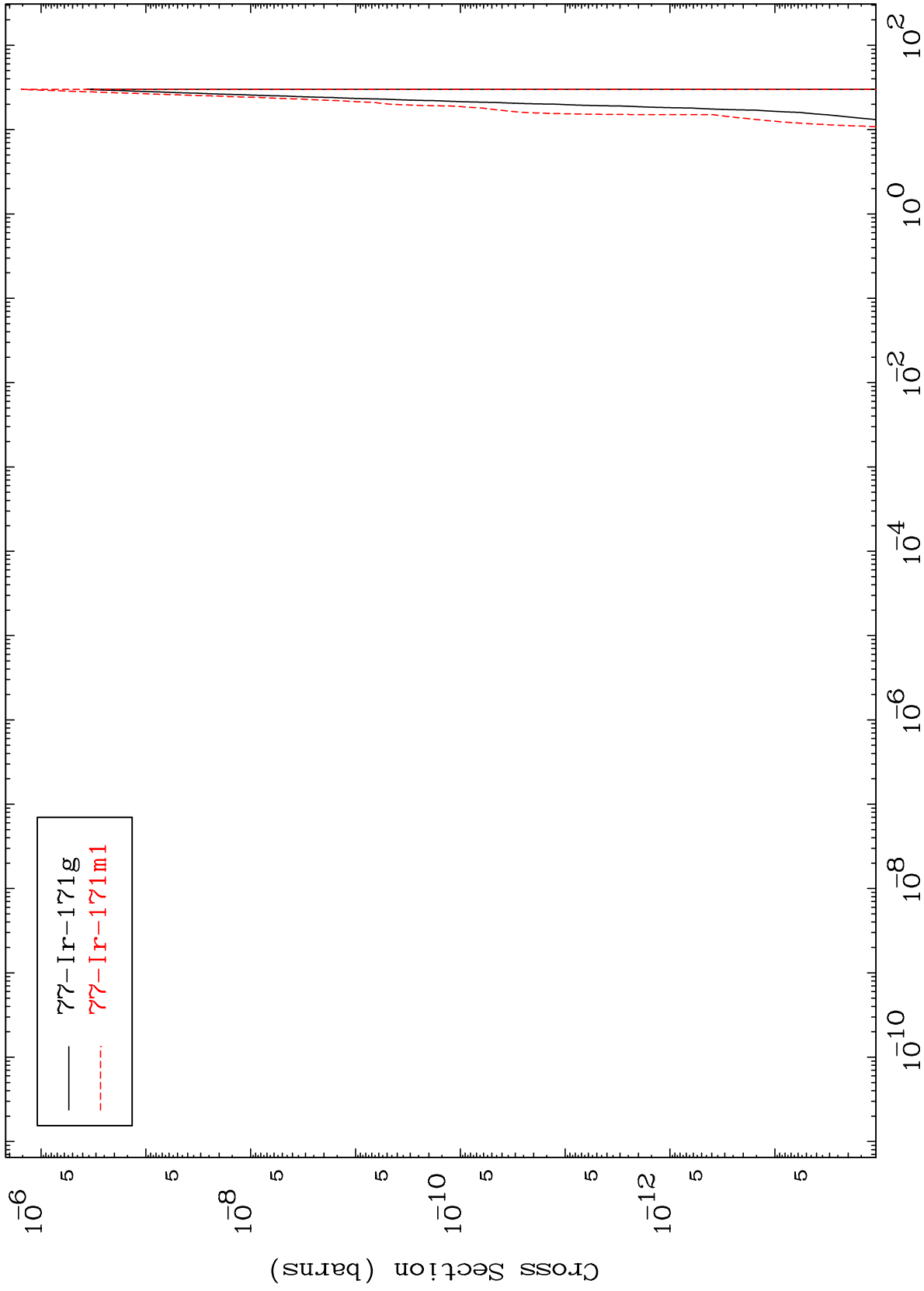
81-Tl-180

MAT 8056

(n,2n) 2 α

81-Tl-180

Radionuclide Production Cross Section



79

Incident Energy (MeV)

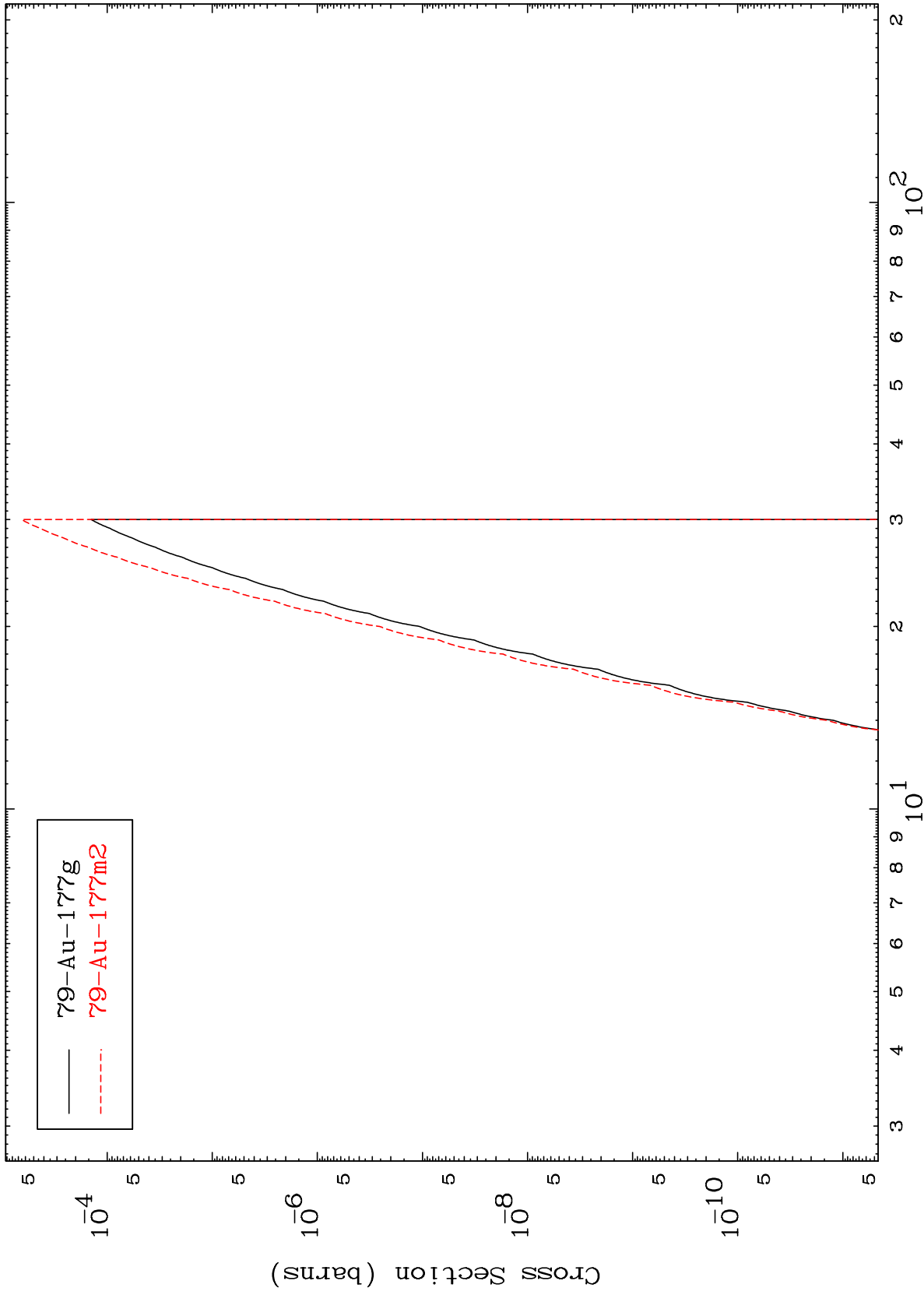
81-Tl-180

MAT 8056

(n, n') He-3

81-Tl-180

Radionuclide Production Cross Section



80

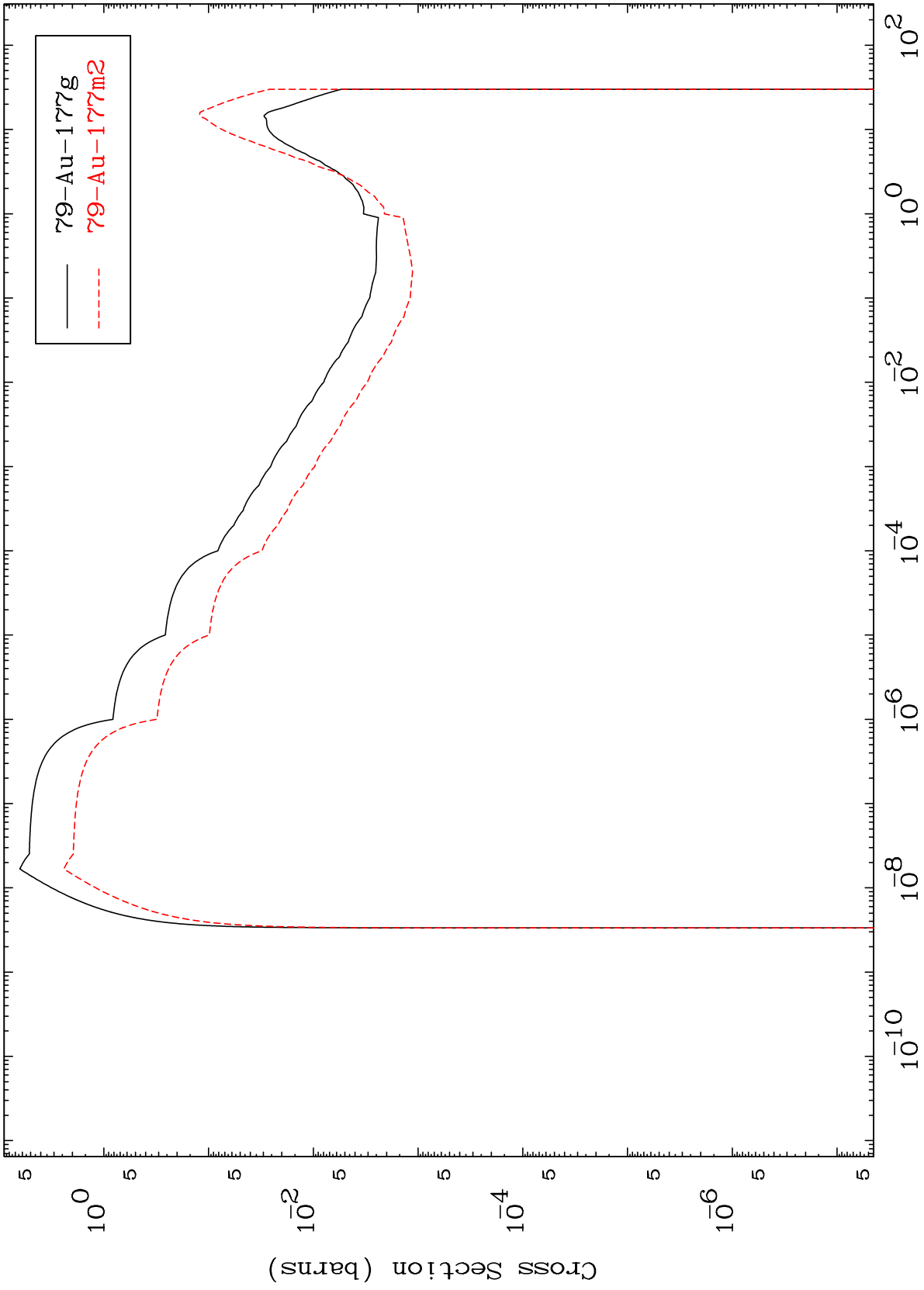
Incident Energy (MeV)

81-Tl-180

MAT 8056

81-Tl-180

(n, α)
Radionuclide Production Cross Section



— $^{79}\text{Au-177g}$
- - - $^{79}\text{Au-177m2}$

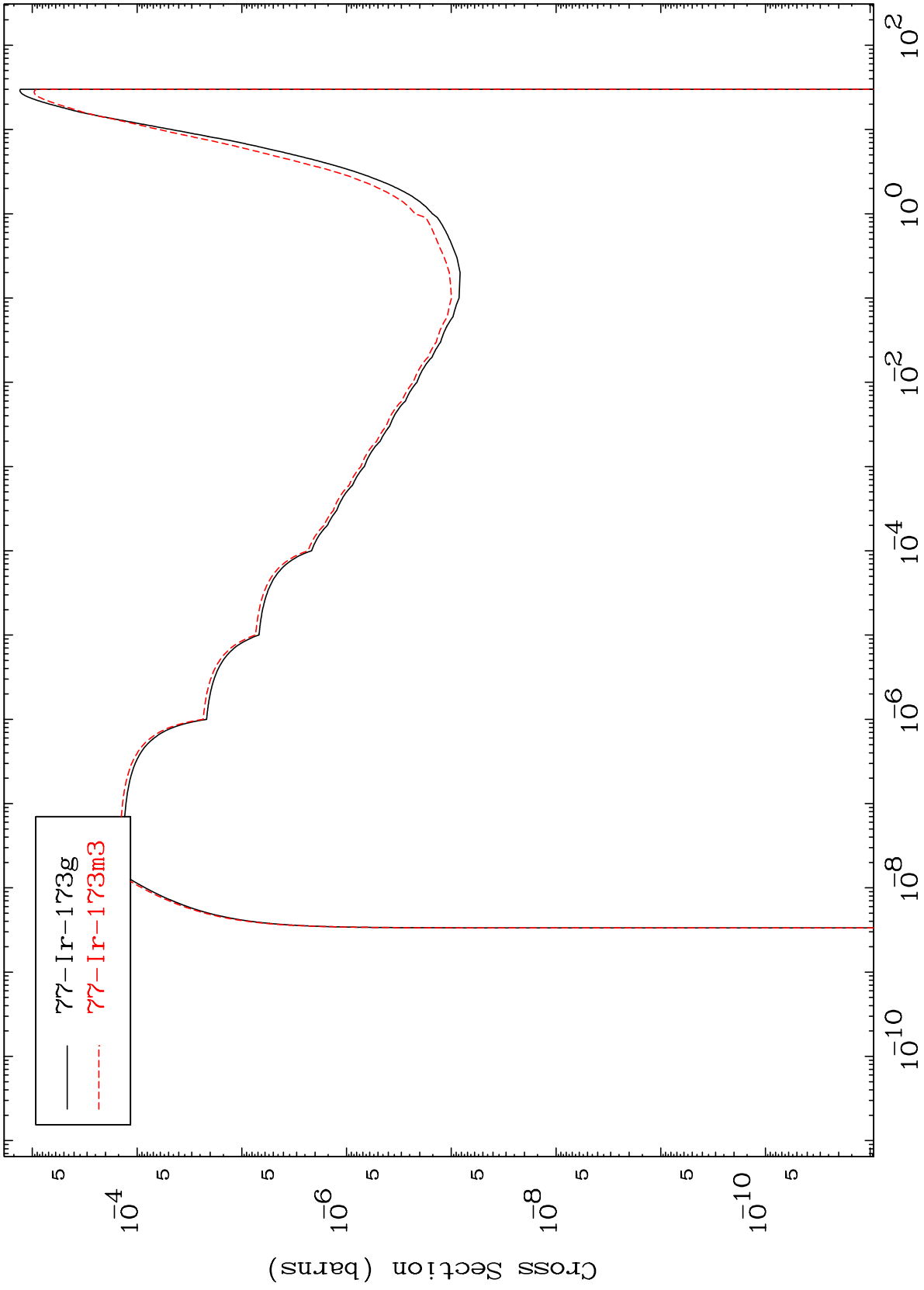
81

81-Tl-180

MAT 8056

81-Tl-180

Radionuclide Production Cross Section
(n, 2α)



82

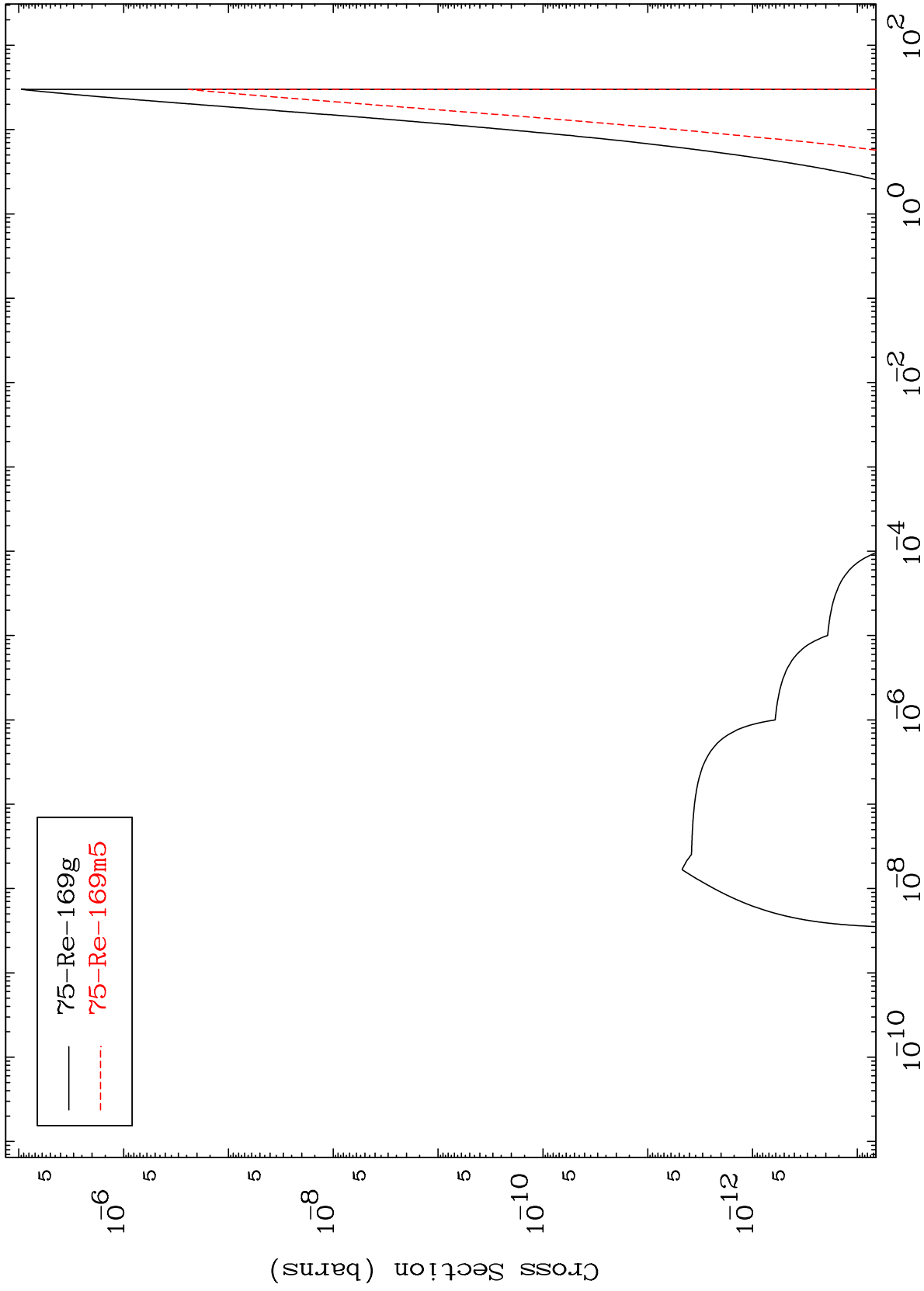
81-Tl-180

MAT 8056

(n,3α)

81-Tl-180

Radionuclide Production Cross Section



83

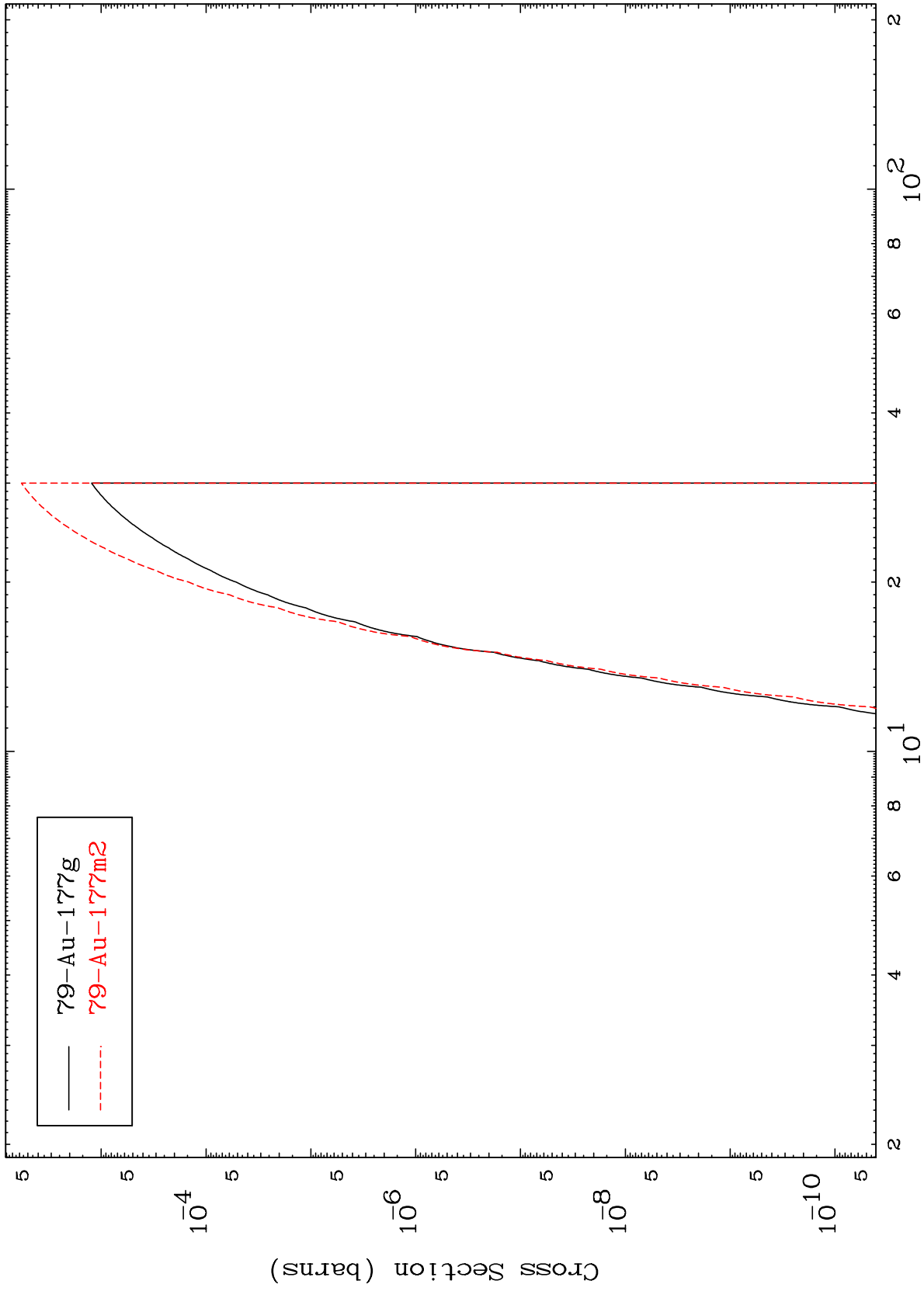
81-Tl-180

MAT 8056

(n,p) t

81-Tl-180

Radionuclide Production Cross Section



84

Incident Energy (MeV)

81-Tl-180