

Program EVALPLOT  
(Version 2021-1)

by

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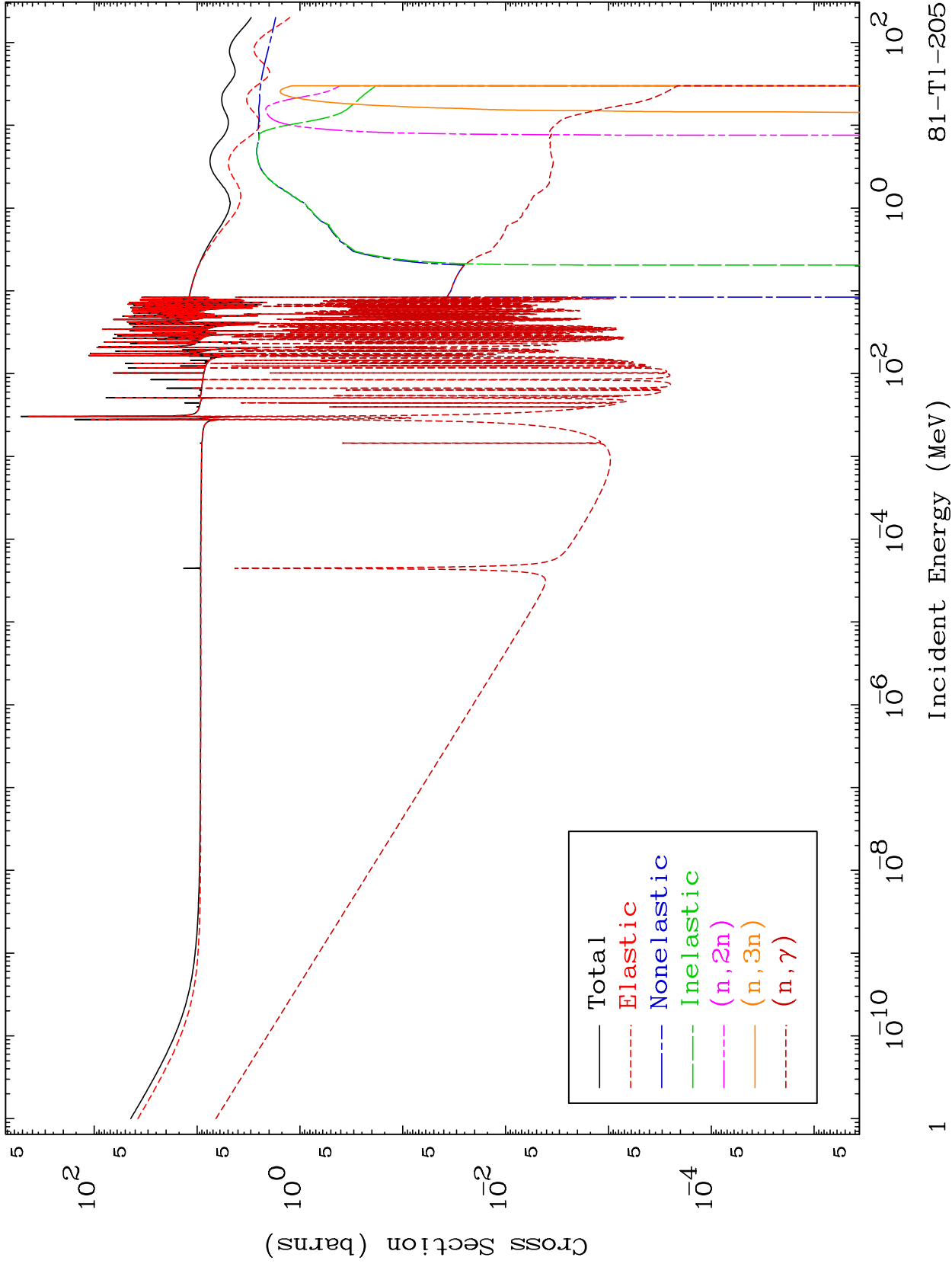
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8131

Neutron Major  
293 Kelvin Cross Sections

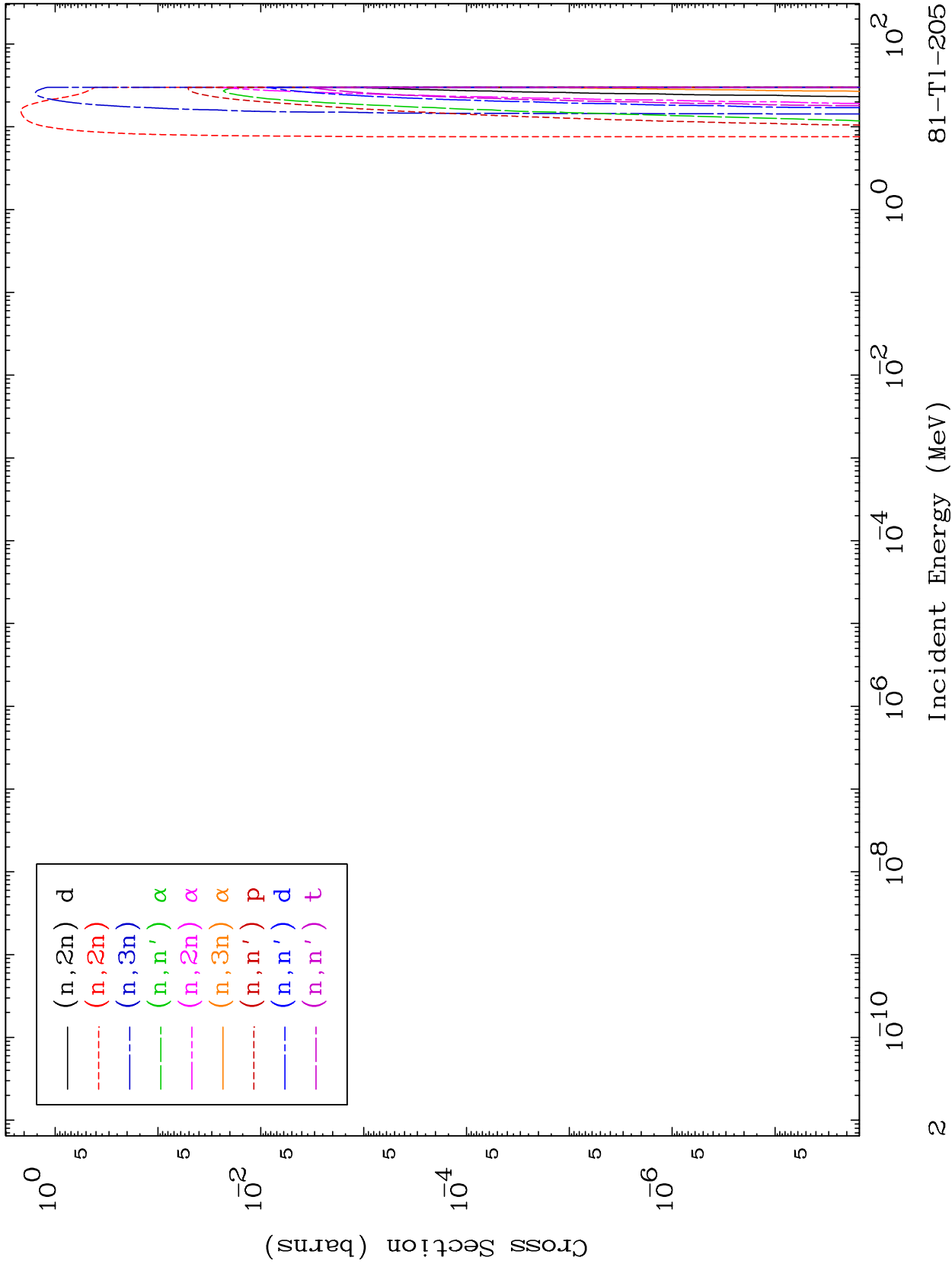
81-Tl-205



MAT 8131

Neutron Absorption  
293 Kelvin Cross Sections

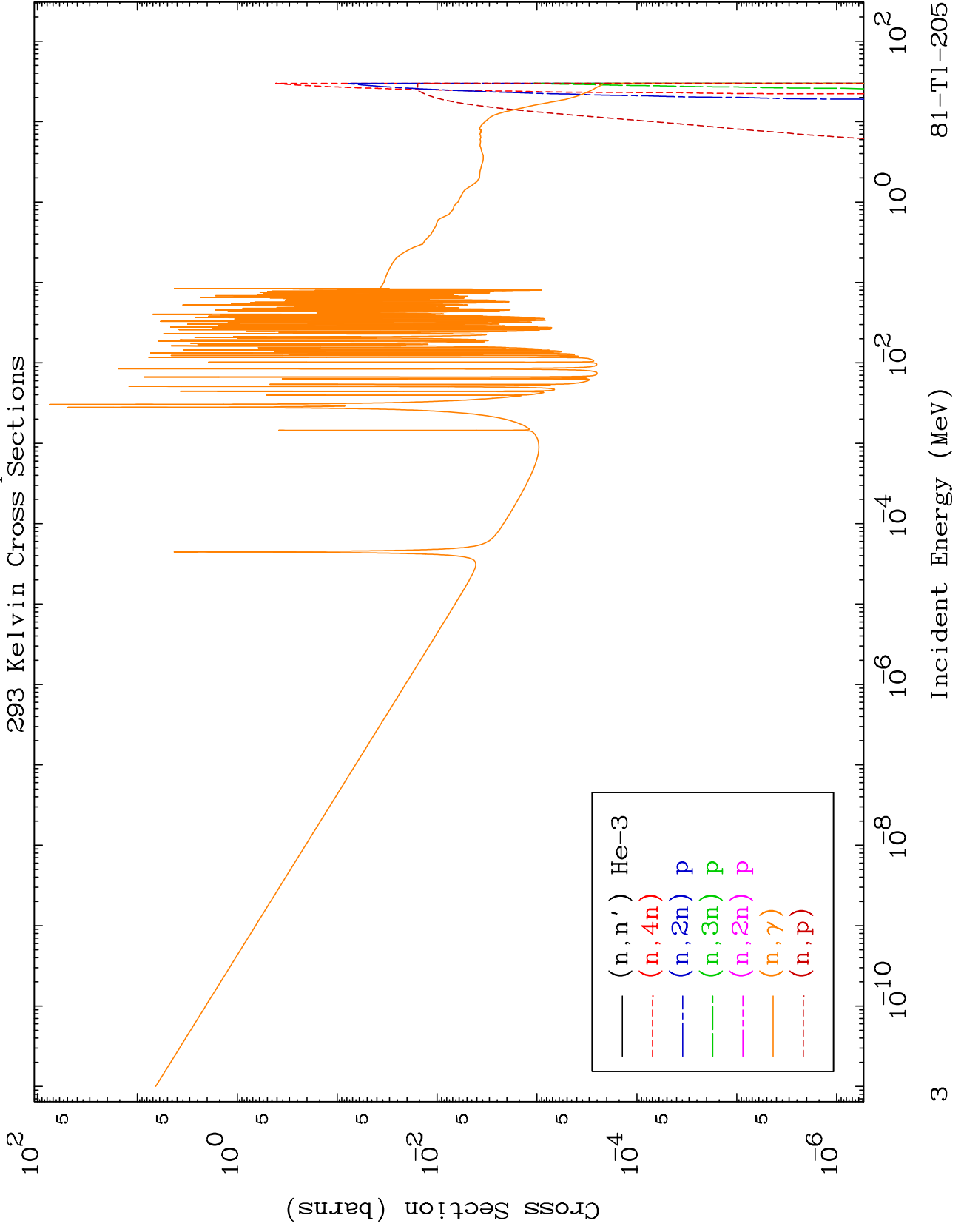
81-Tl-205



MAT 8131

Neutron Absorption  
293 Kelvin Cross Sections

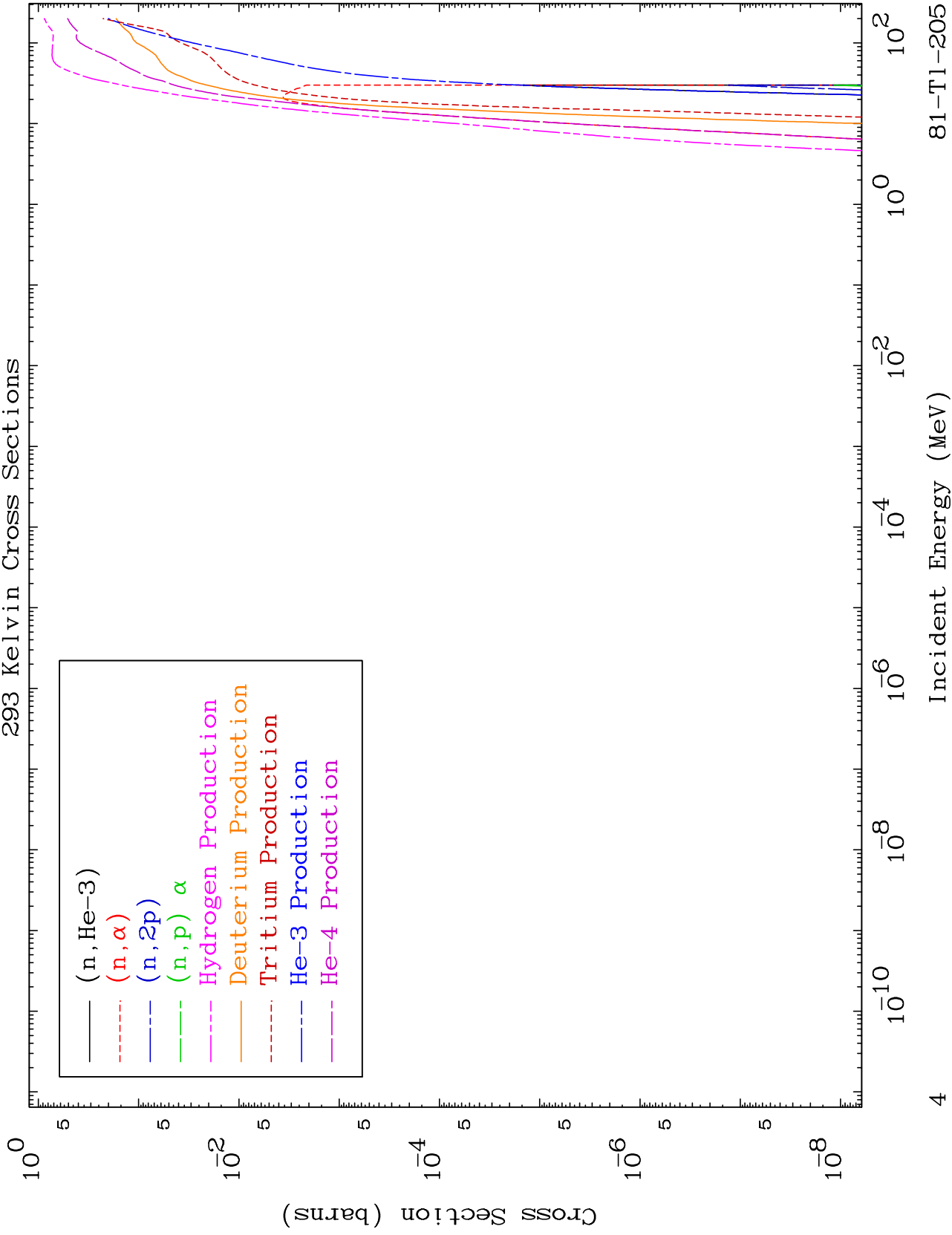
81-Tl-205



MAT 8131

Neutron Absorption  
293 Kelvin Cross Sections

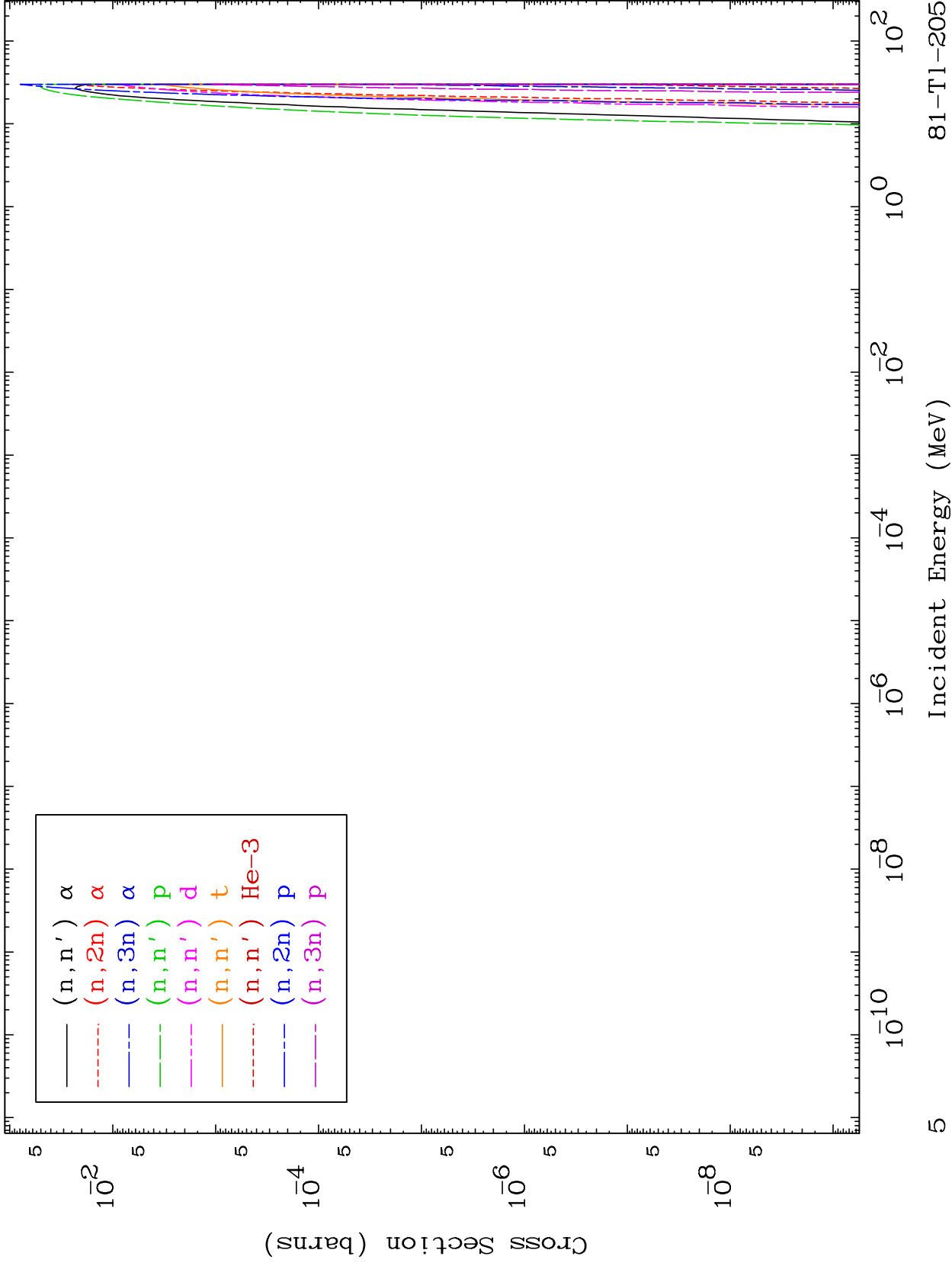
81-Tl-205



MAT 8131

Charged Particle  
293 Kelvin Cross Sections

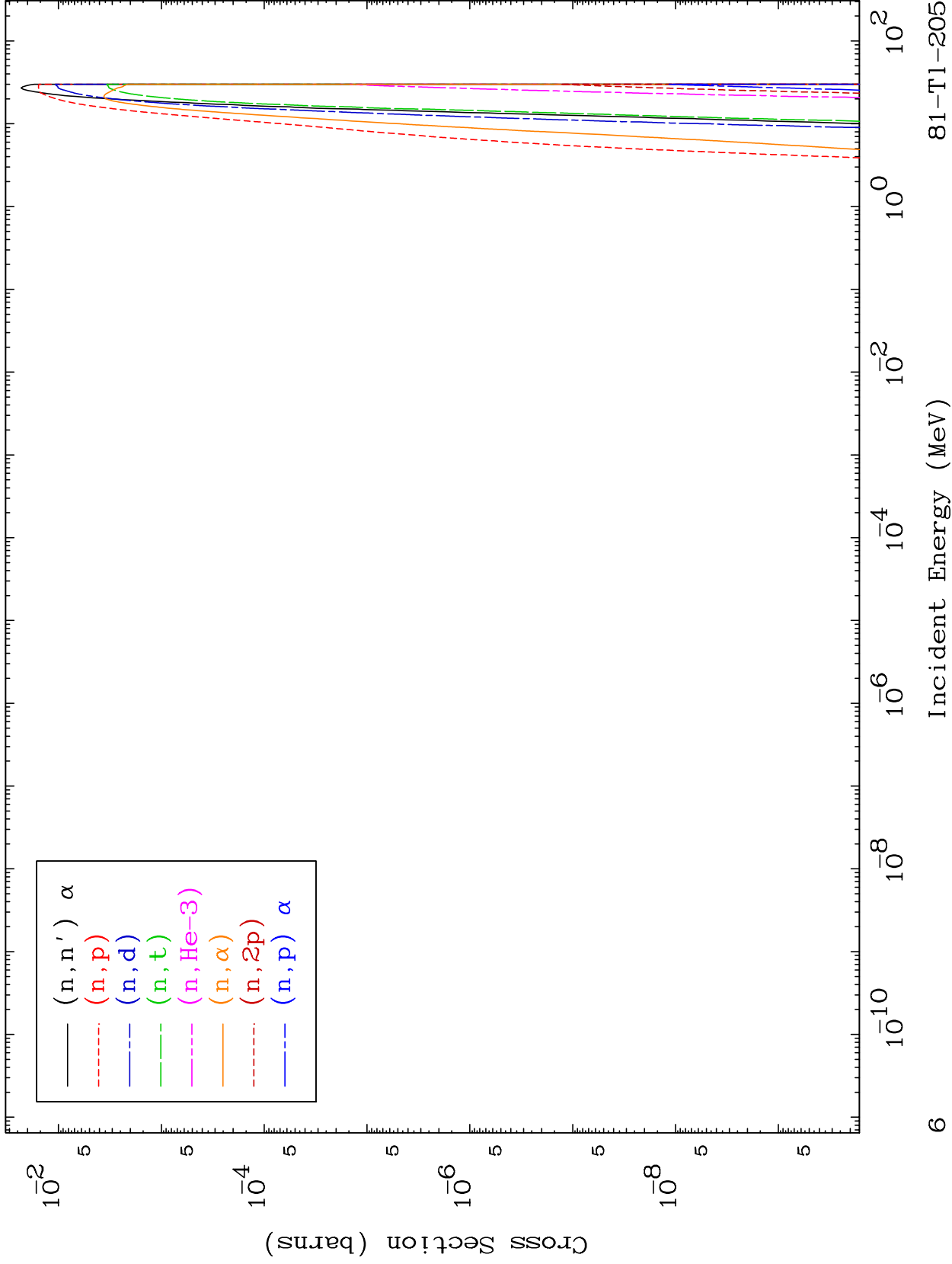
81-Tl-205



MAT 8131

Charged Particle  
293 Kelvin Cross Sections

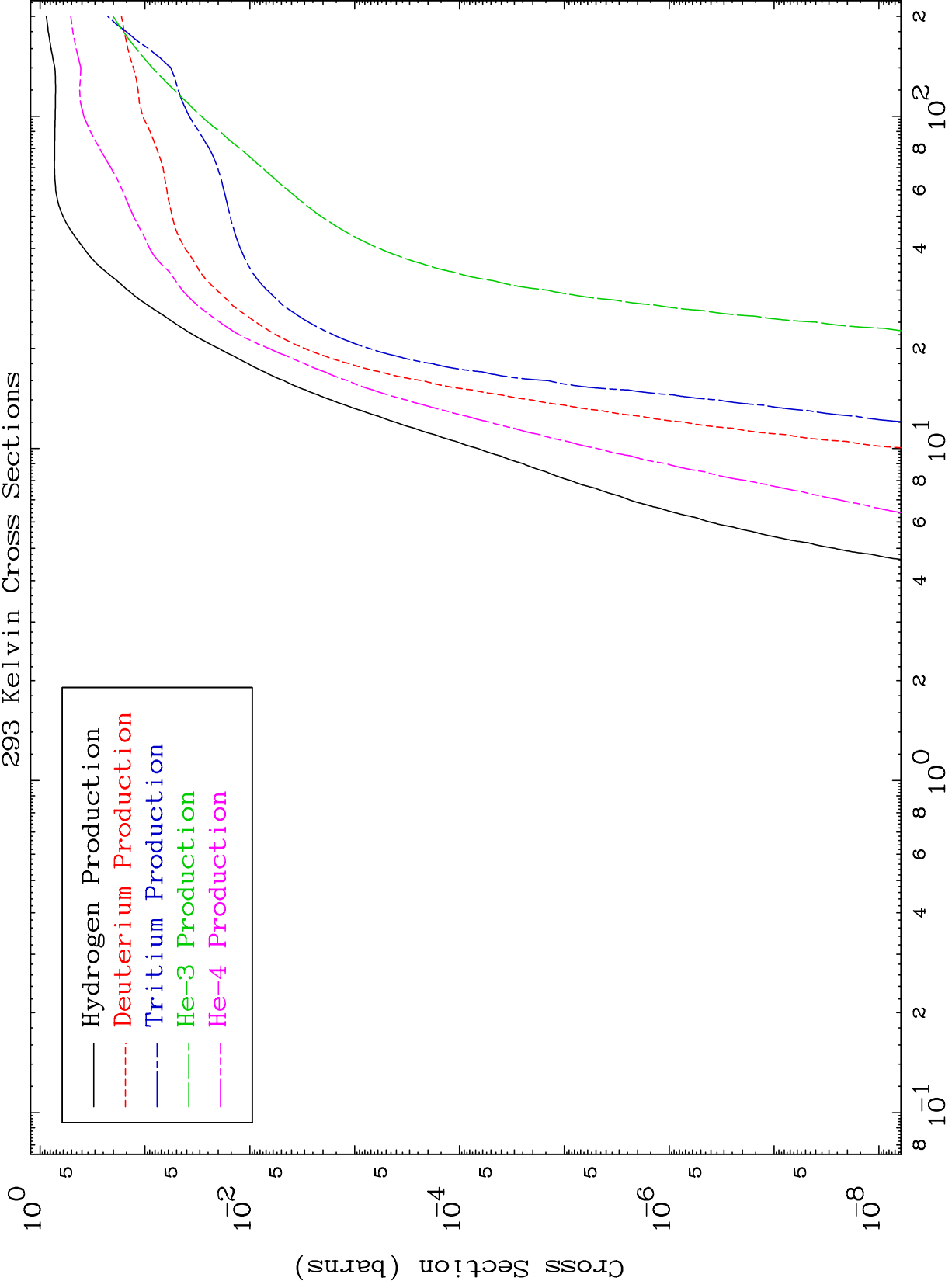
81-Tl-205



MAT 8131

Particle Production  
293 Kelvin Cross Sections

81-T1-205



7

Incident Energy (MeV)

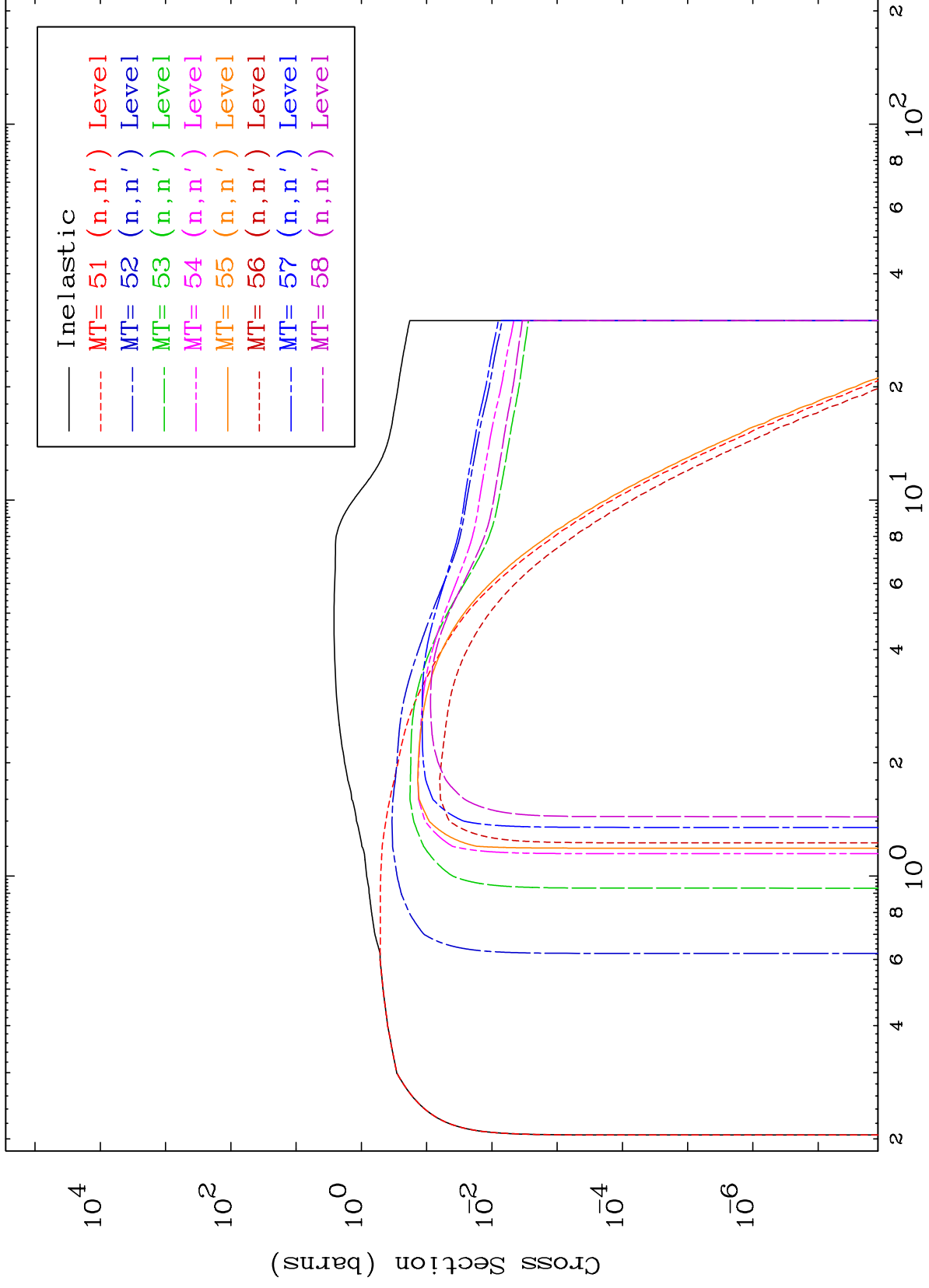
81-T1-205

MAT 8131

(n,n') Levels

81-Tl-205

293 Kelvin Cross Sections



8

Incident Energy (MeV)

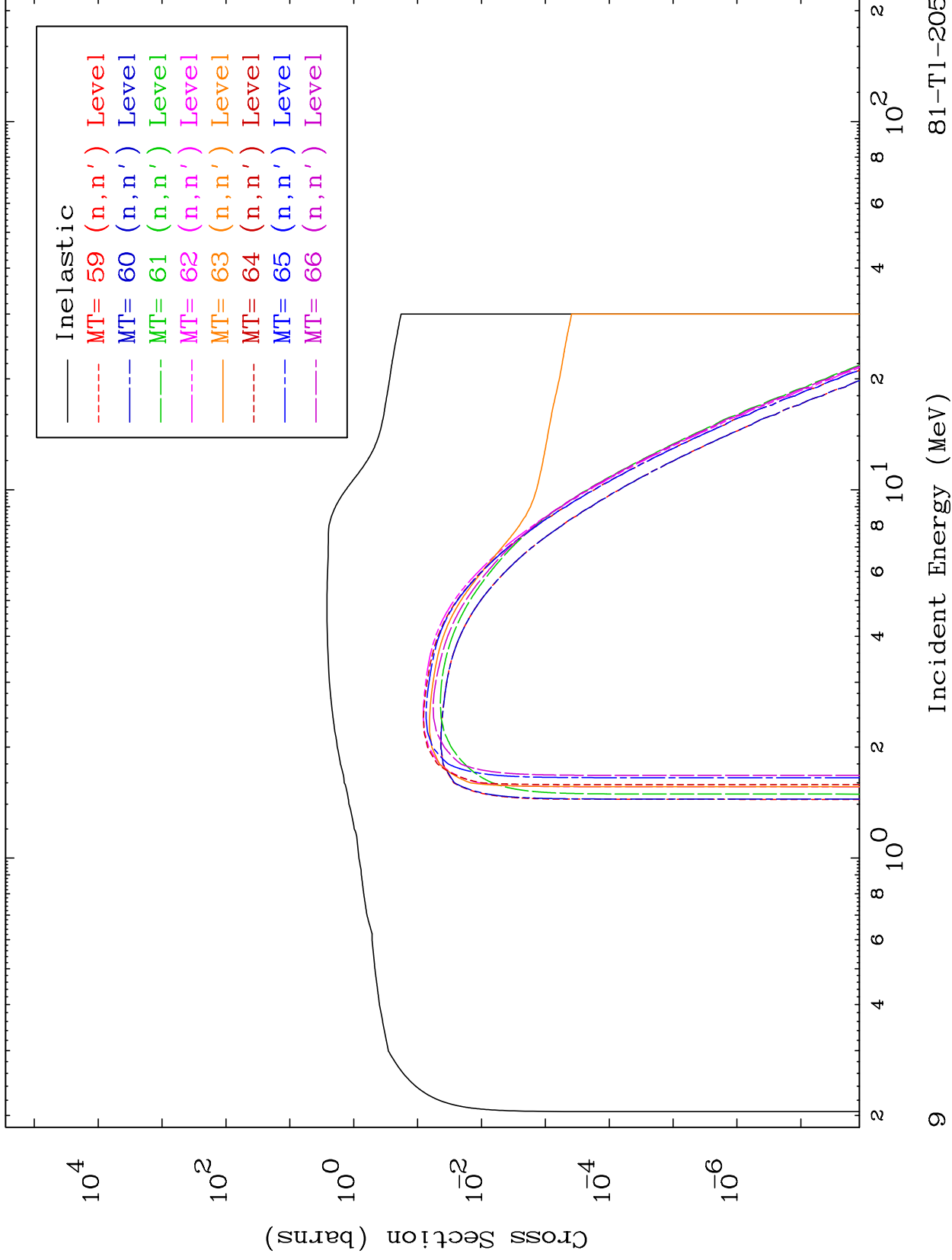
81-Tl-205

MAT 8131

(n,n') Levels

81-Tl-205

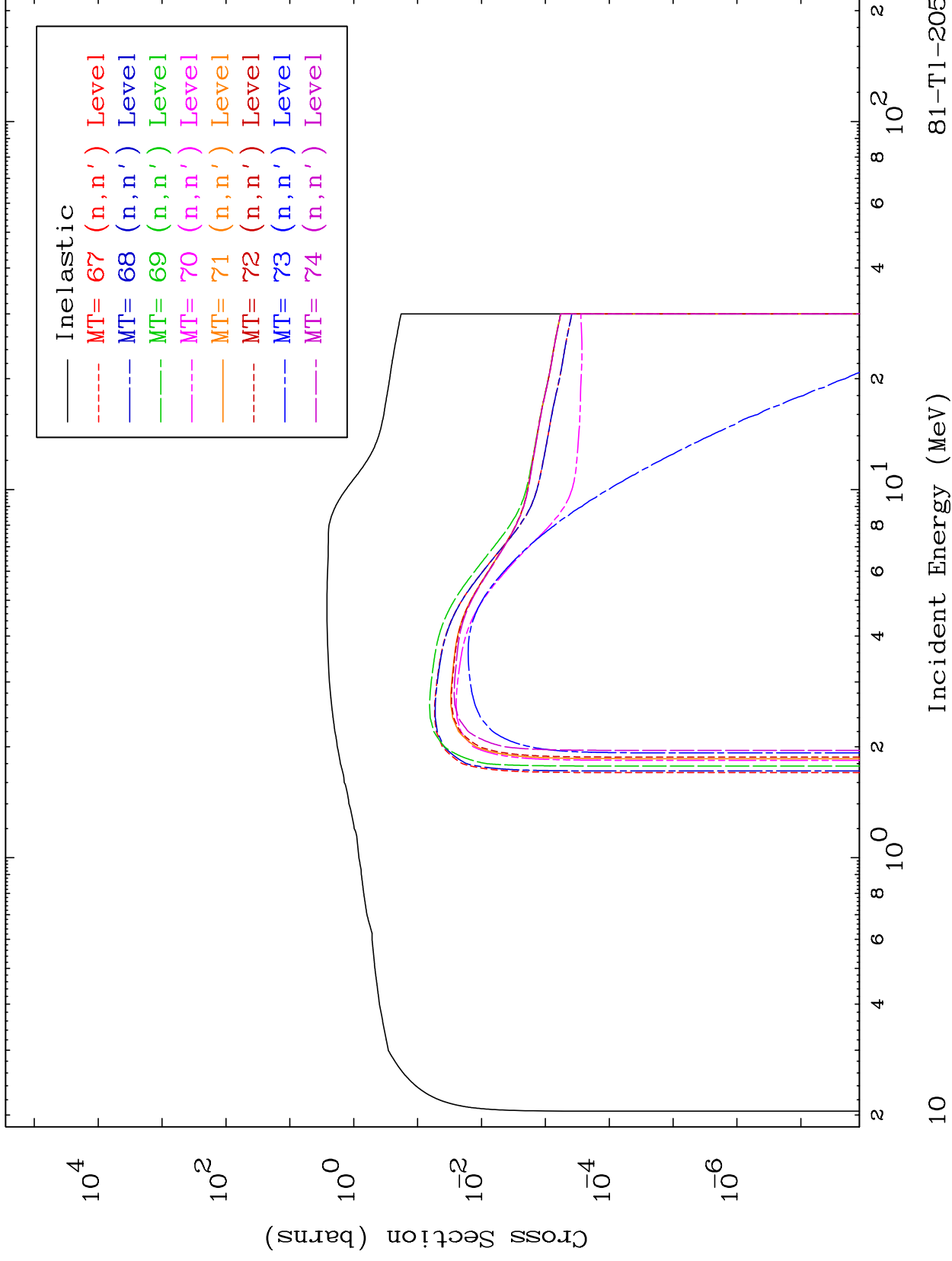
293 Kelvin Cross Sections

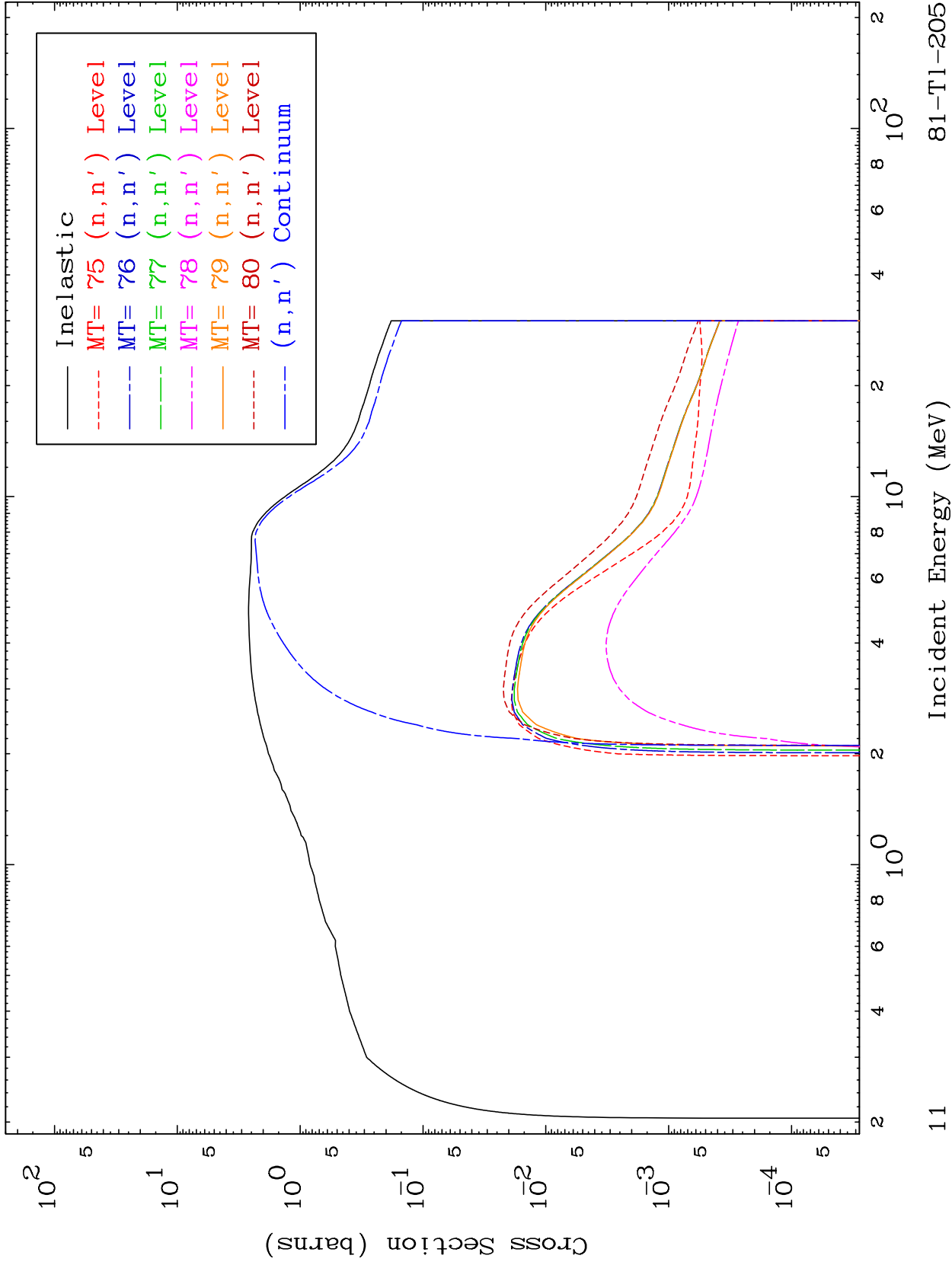


MAT 8131

(n,n') Levels  
293 Kelvin Cross Sections

81-T1-205

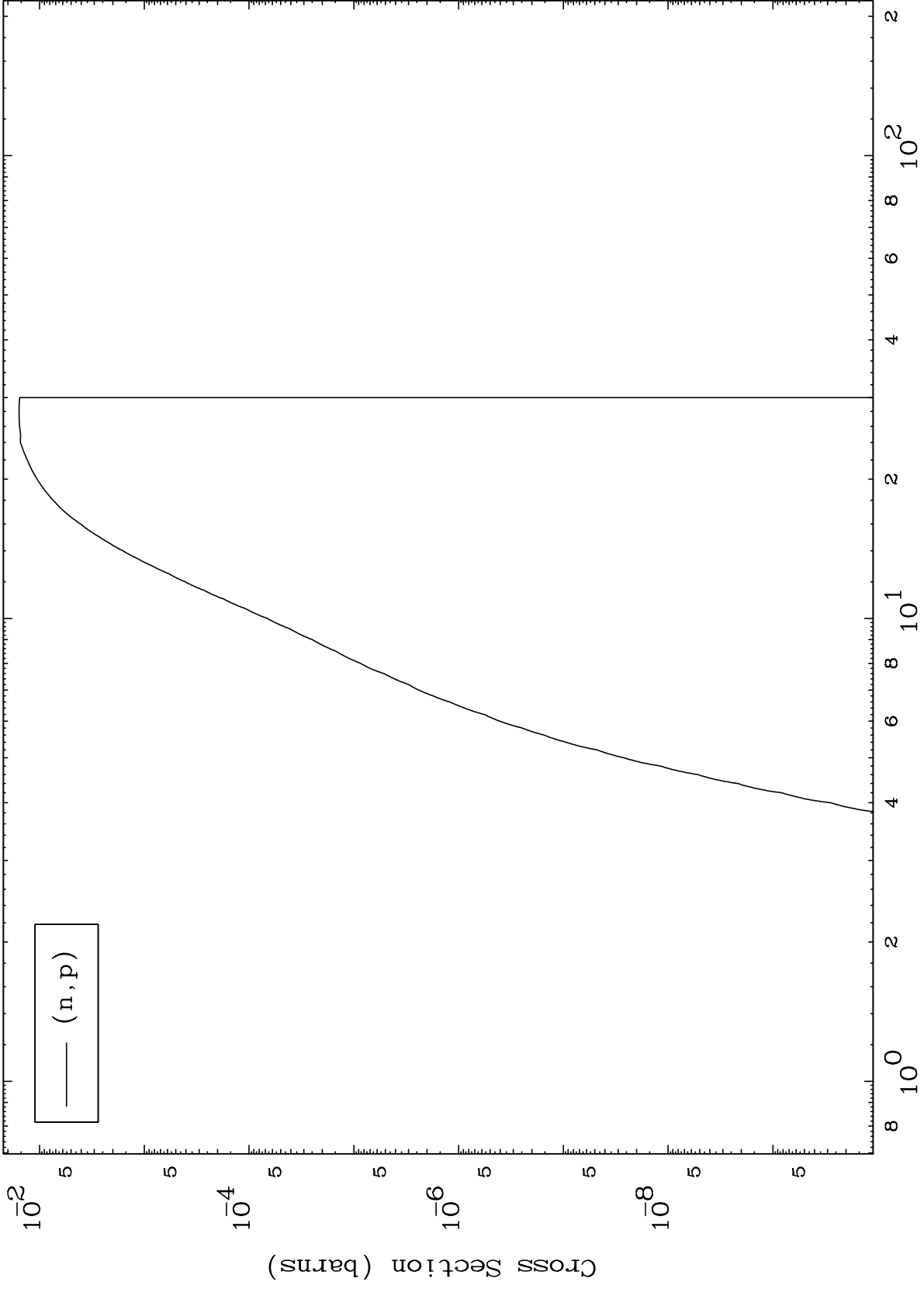




MAT 8131

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-205



12

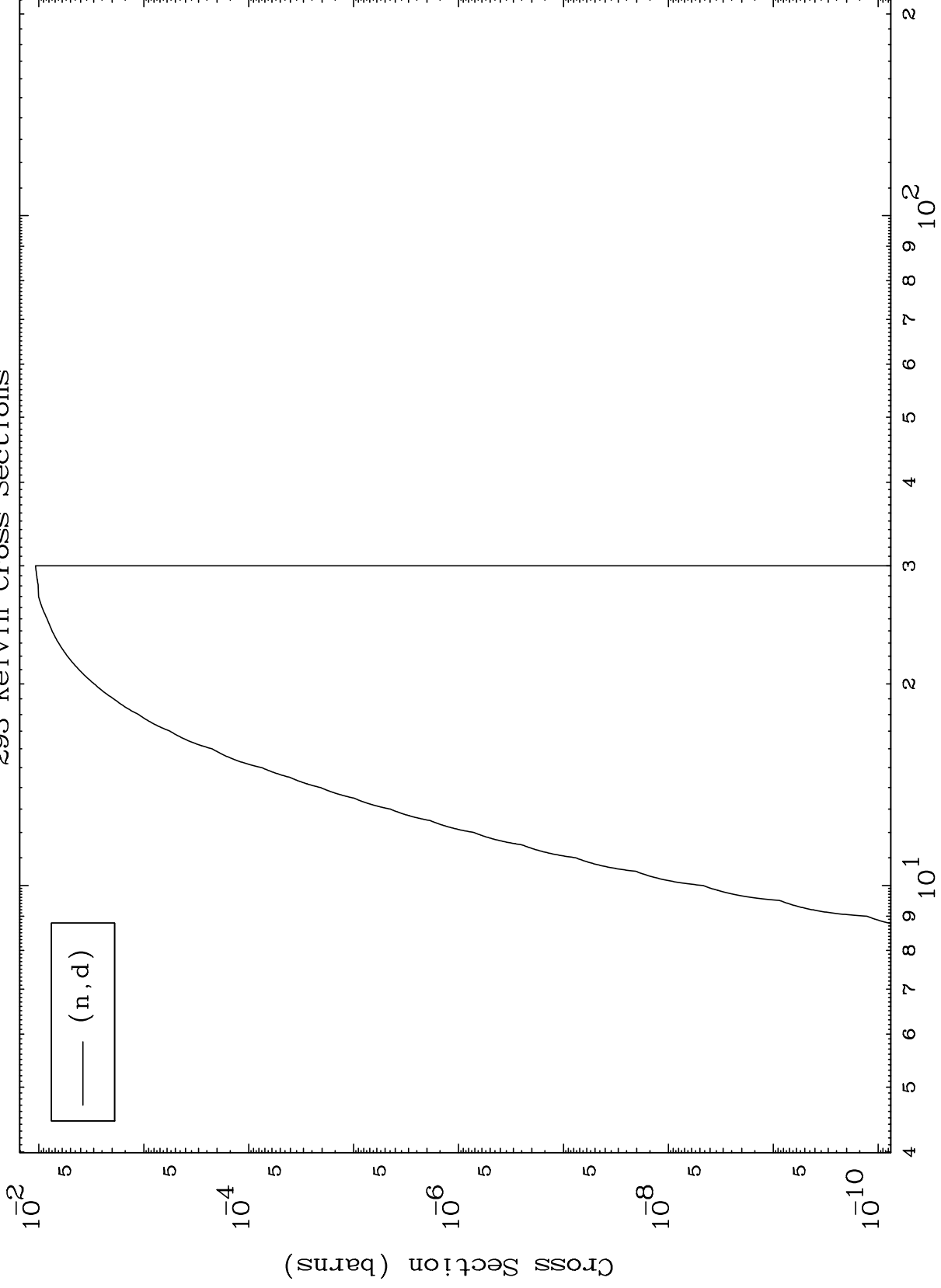
Incident Energy (MeV)

81-Tl-205

MAT 8131

(n,d) Levels  
293 Kelvin Cross Sections

81-T1-205



13

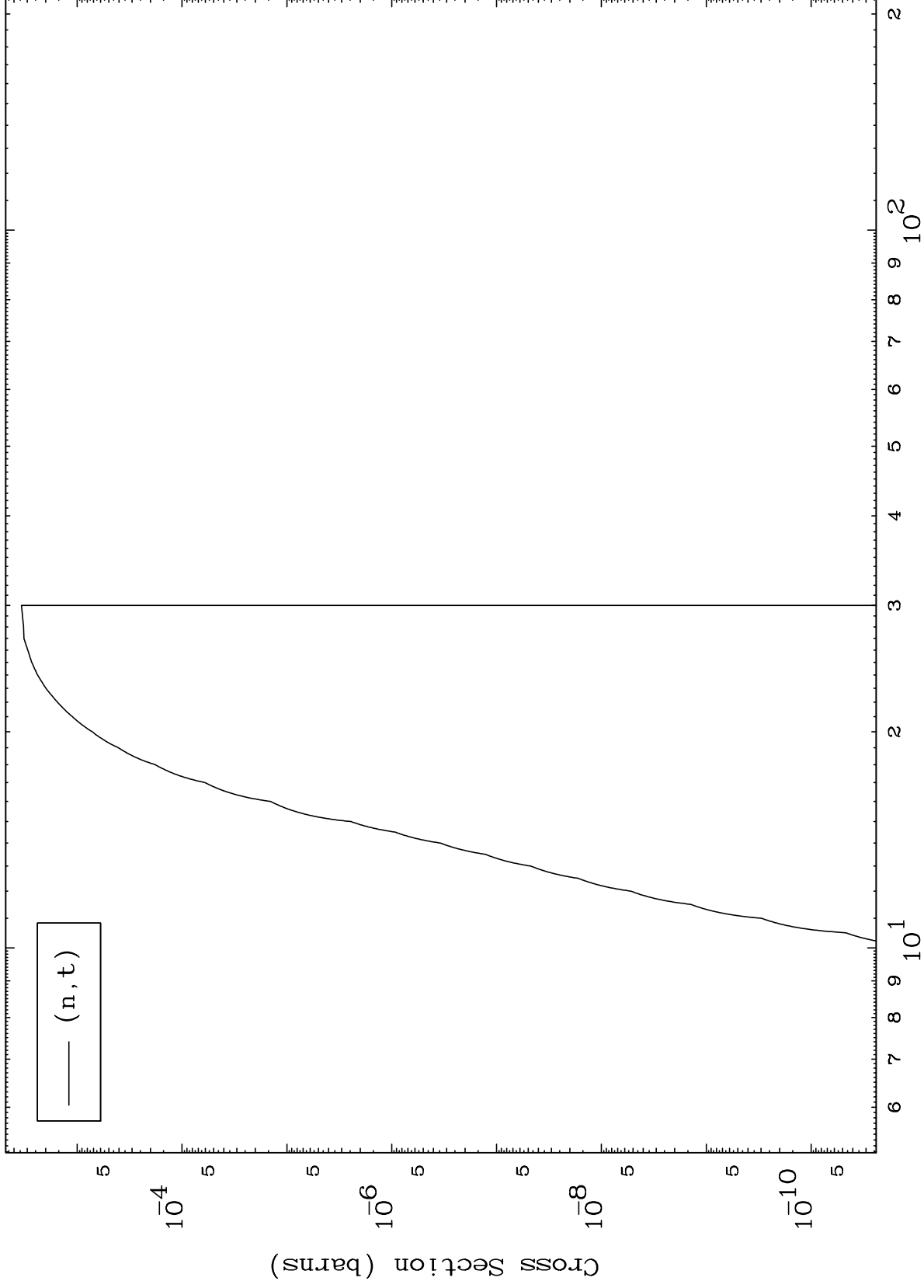
Incident Energy (MeV)

81-T1-205

MAT 8131

(n,t) Levels  
293 Kelvin Cross Sections

81-T1-205



14

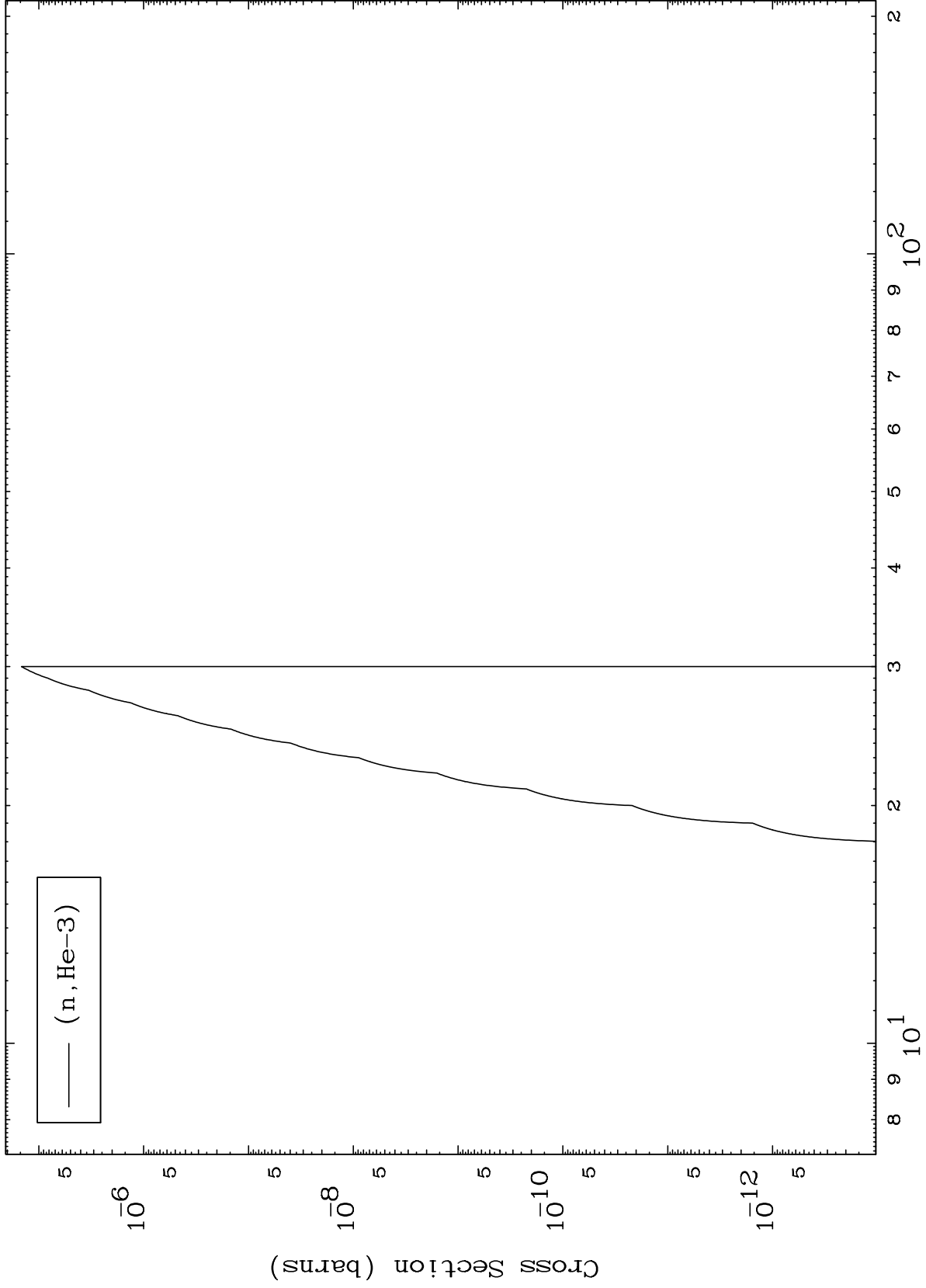
Incident Energy (MeV)

81-T1-205

MAT 8131

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-205



15

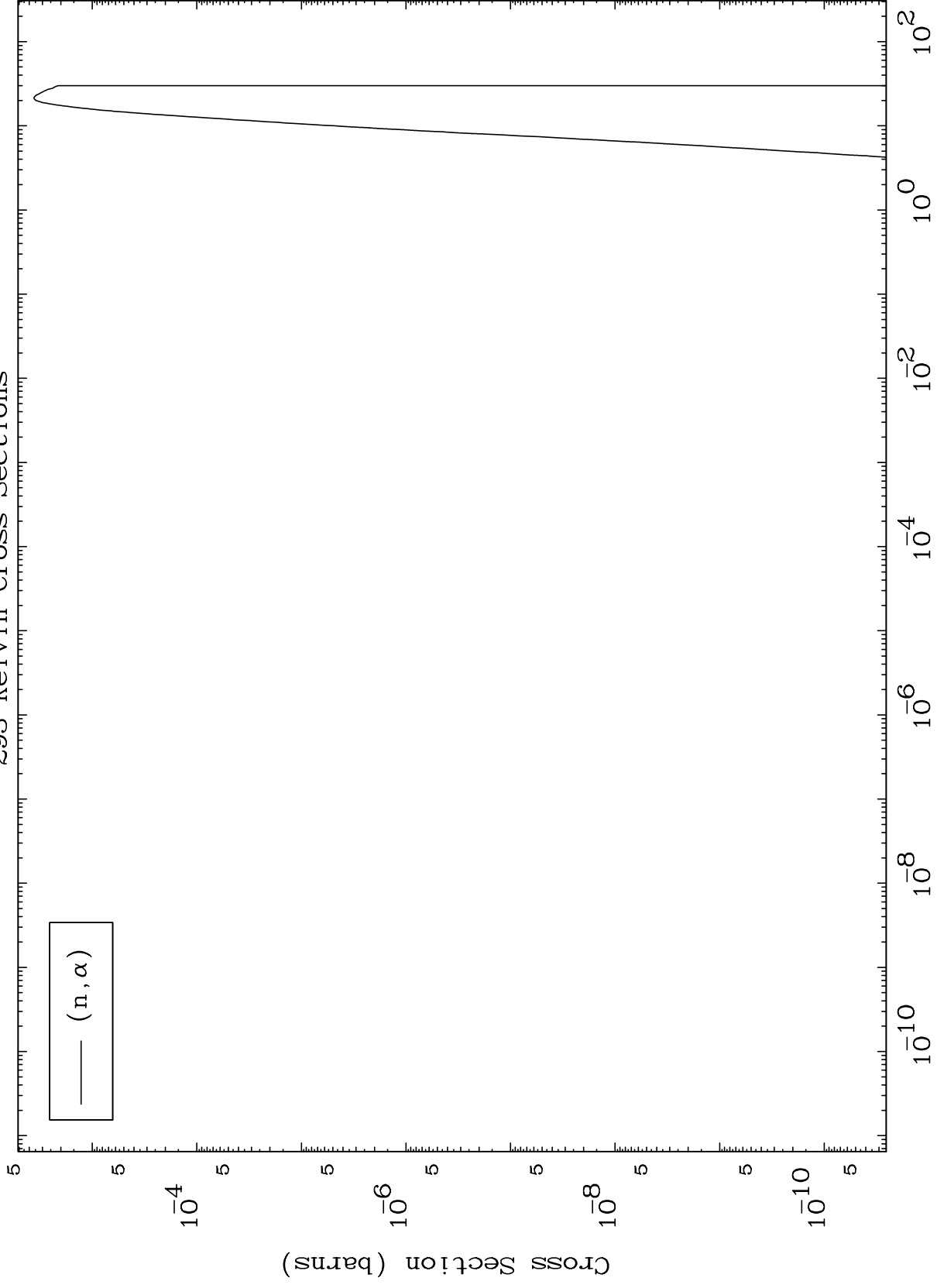
Incident Energy (MeV)

81-T1-205

MAT 8131

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

81-Tl-205



16

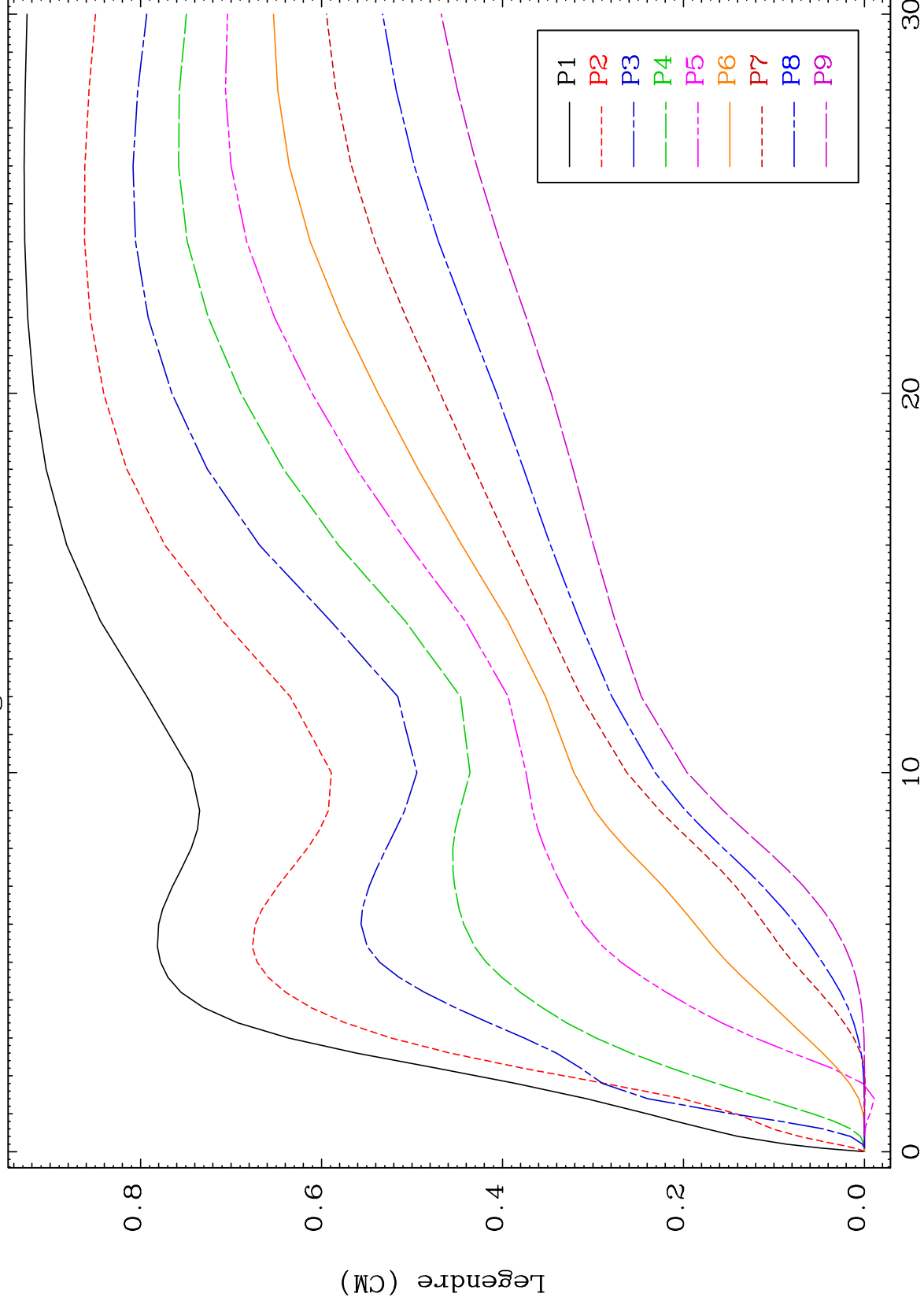
Incident Energy (MeV)

81-Tl-205

MAT 8131

Elastic Legendre Coefficients

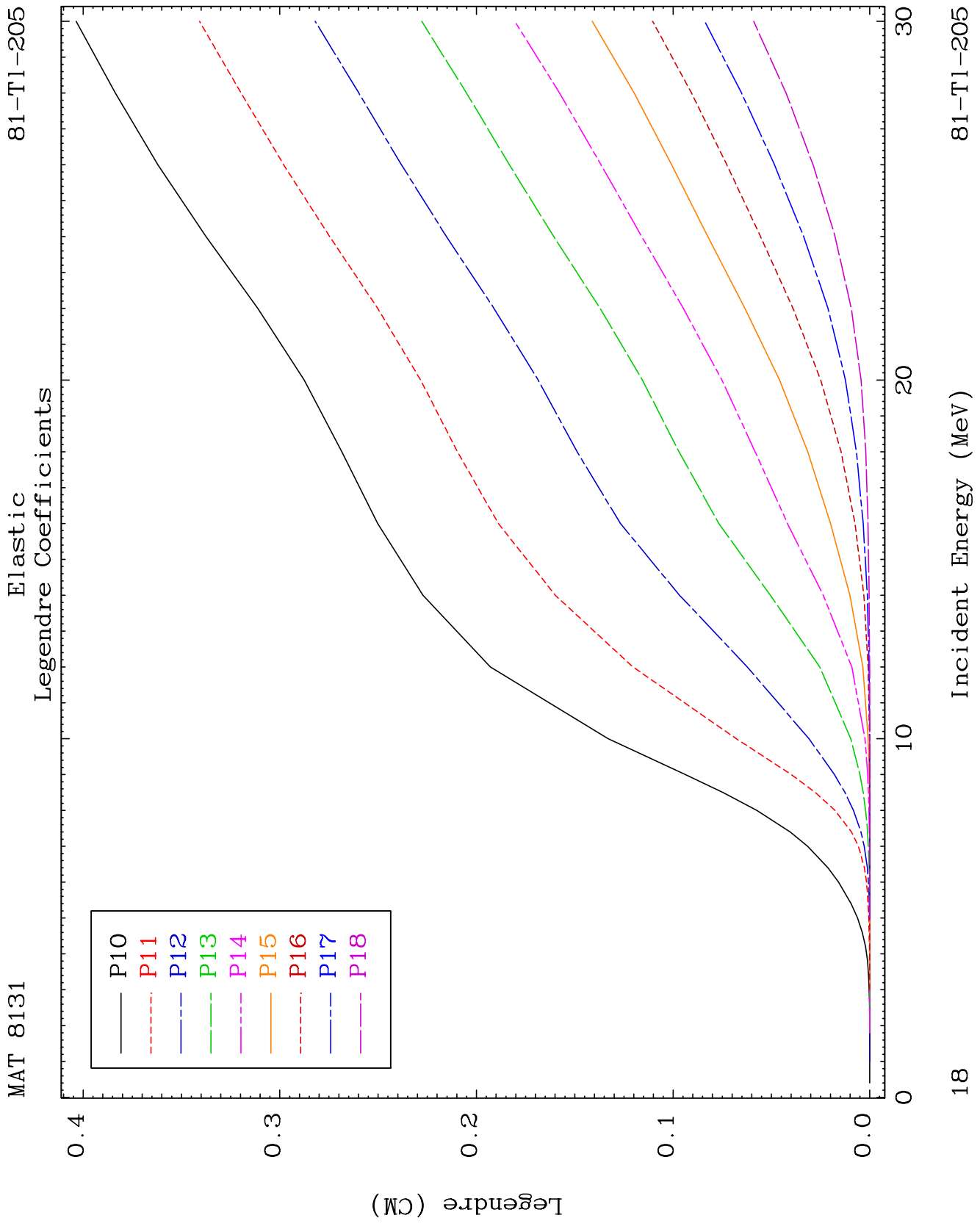
81-T1-205



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Incident Energy (MeV)

81-T1-205



MAT 8131

Elastic Legendre Coefficients

81-T1-205

18

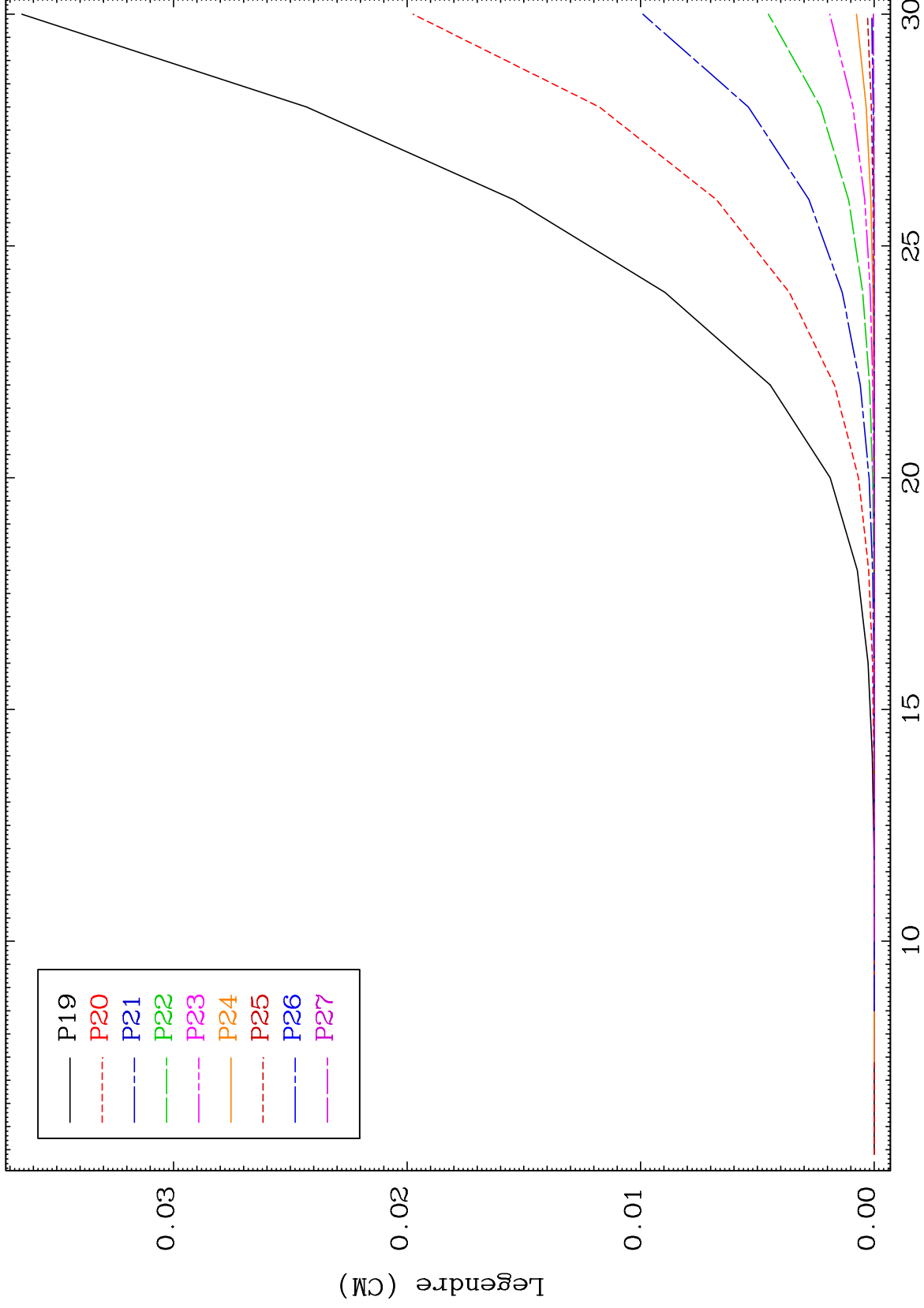
Incident Energy (MeV)

81-T1-205

MAT 8131

Elastic  
Legendre Coefficients

81-T1-205



19

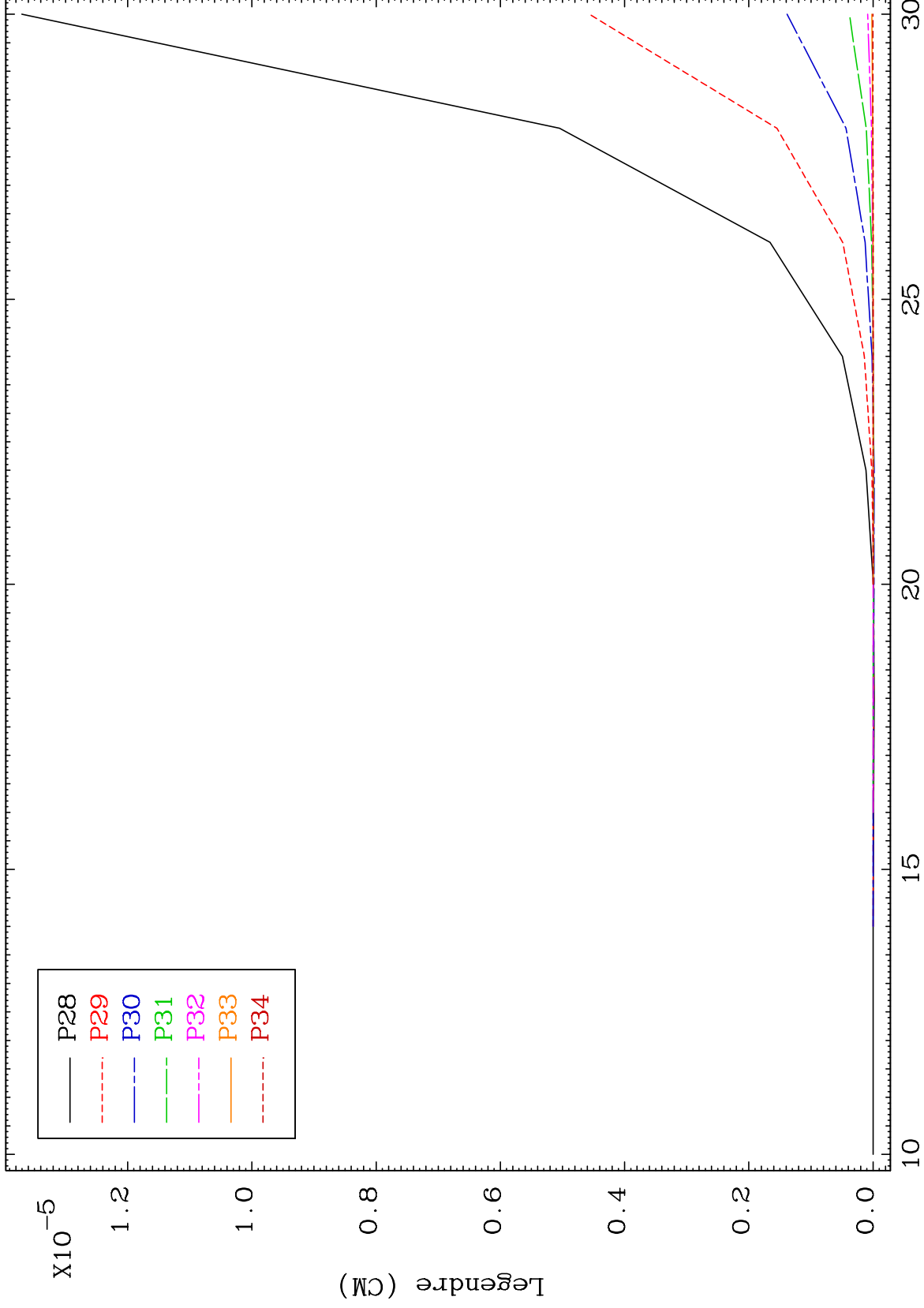
Incident Energy (MeV)

81-T1-205

MAT 8131

Elastic  
Legendre Coefficients

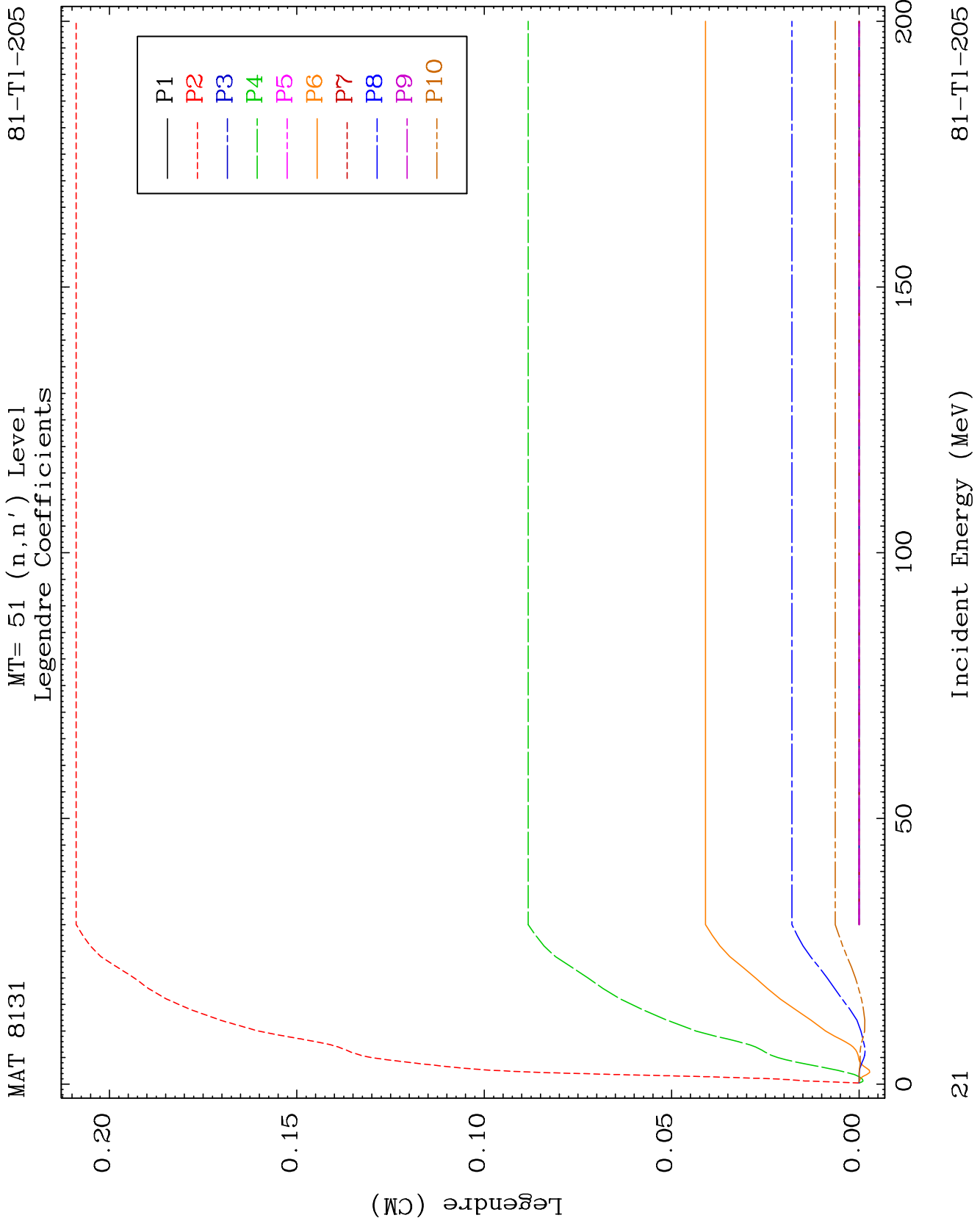
81-T1-205



81-T1-205

Incident Energy (MeV)

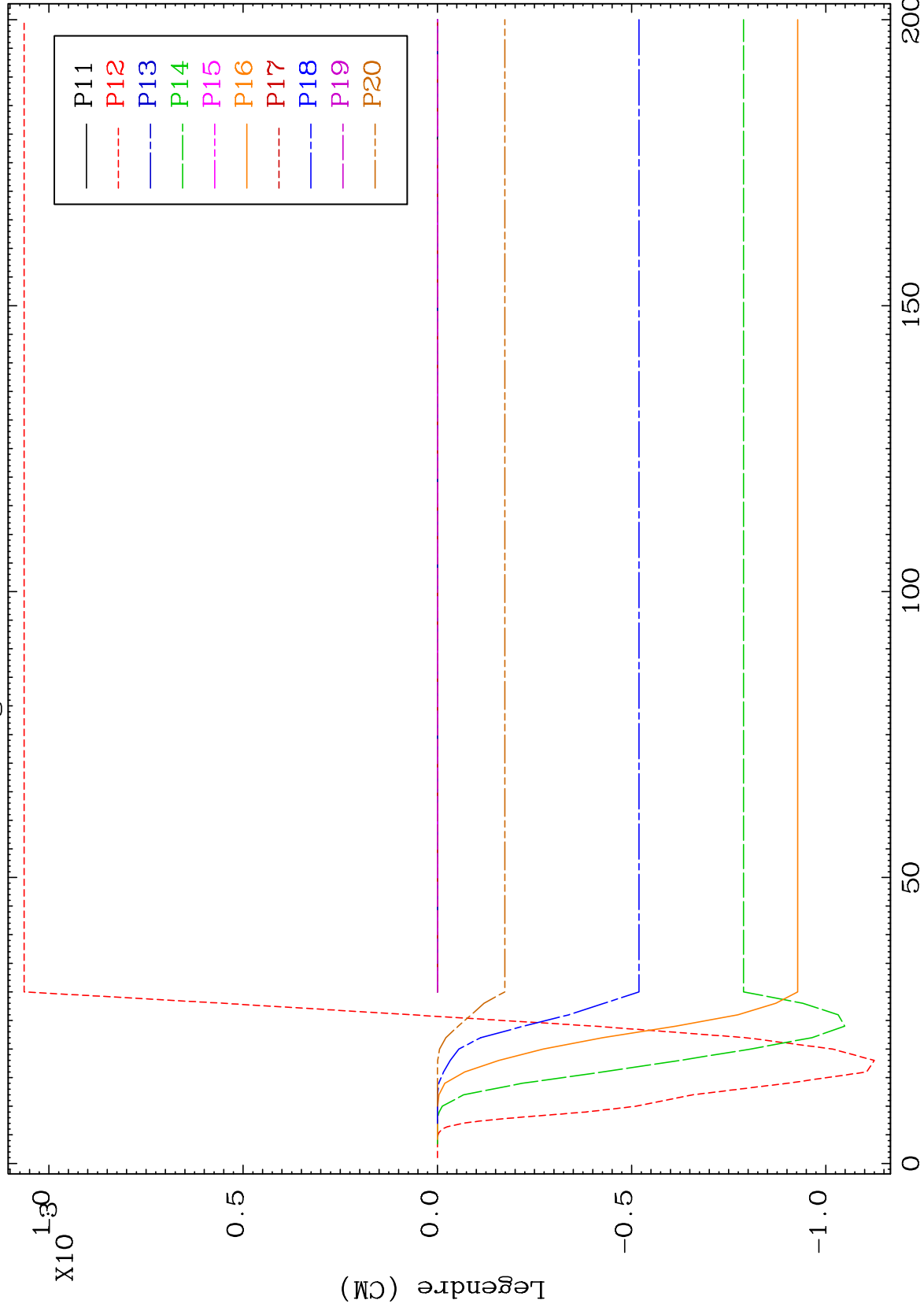
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MAT 8131

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

81-T1-205



22

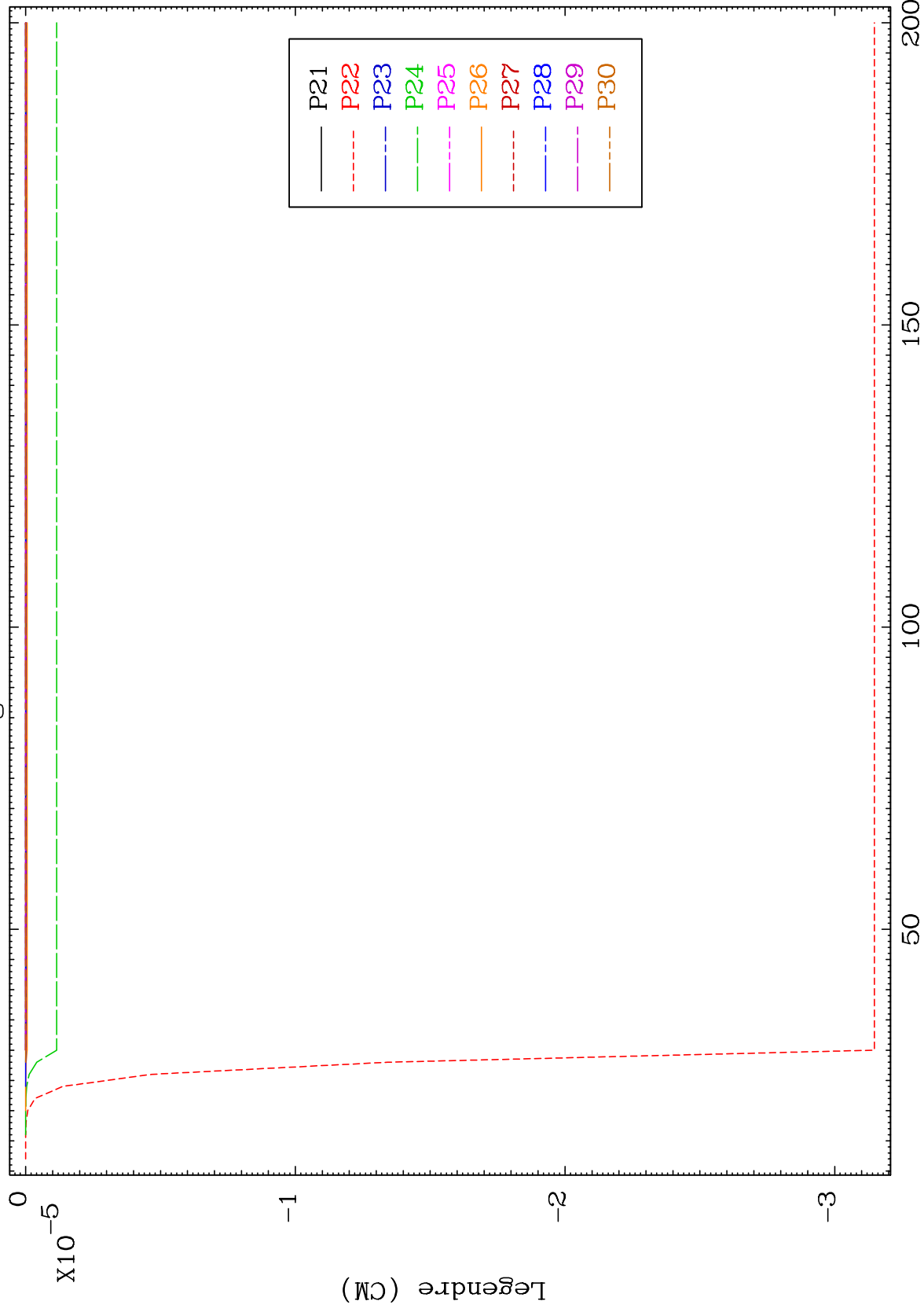
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



23

Incident Energy (MeV)

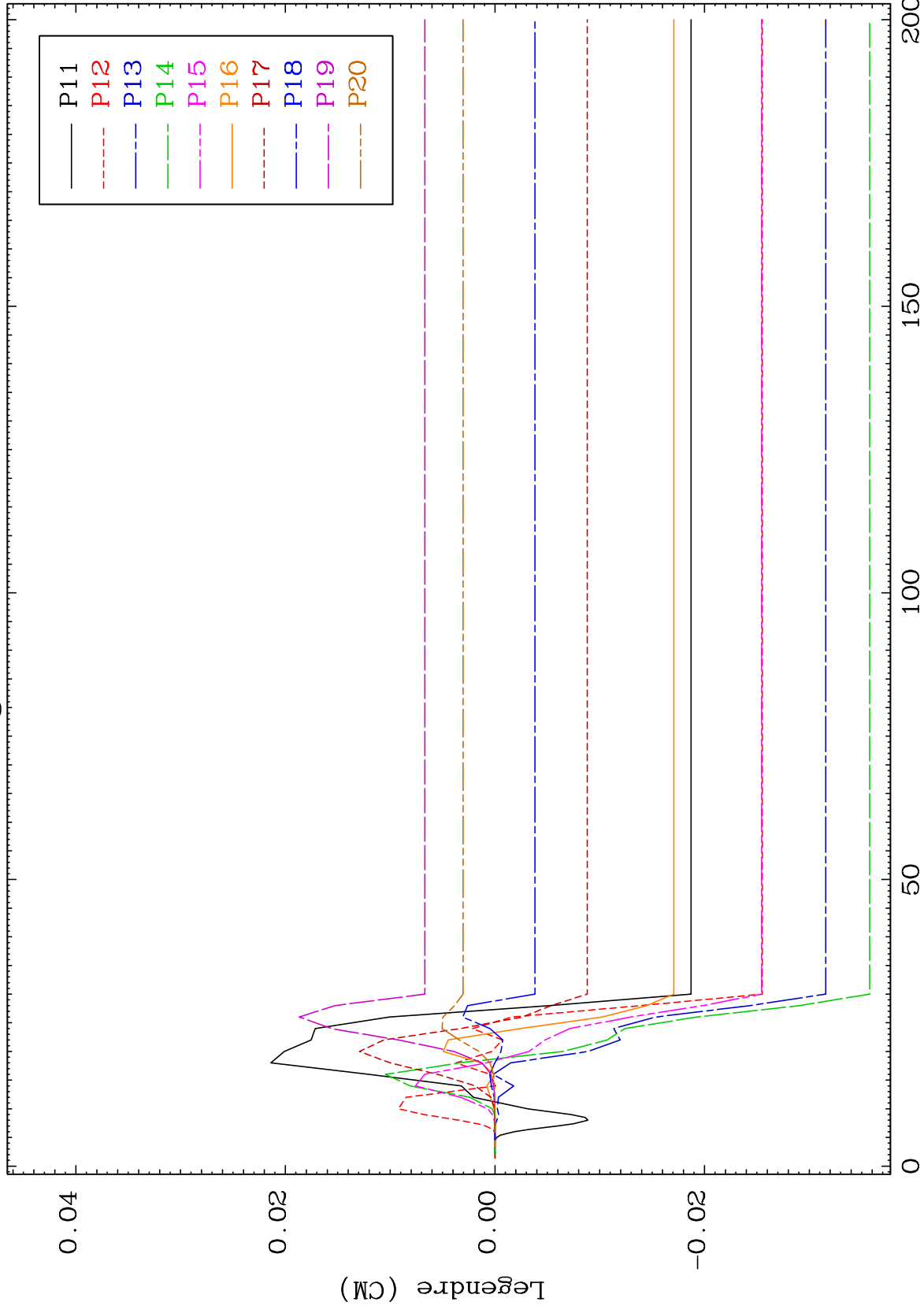
81-T1-205



MAT 8131

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

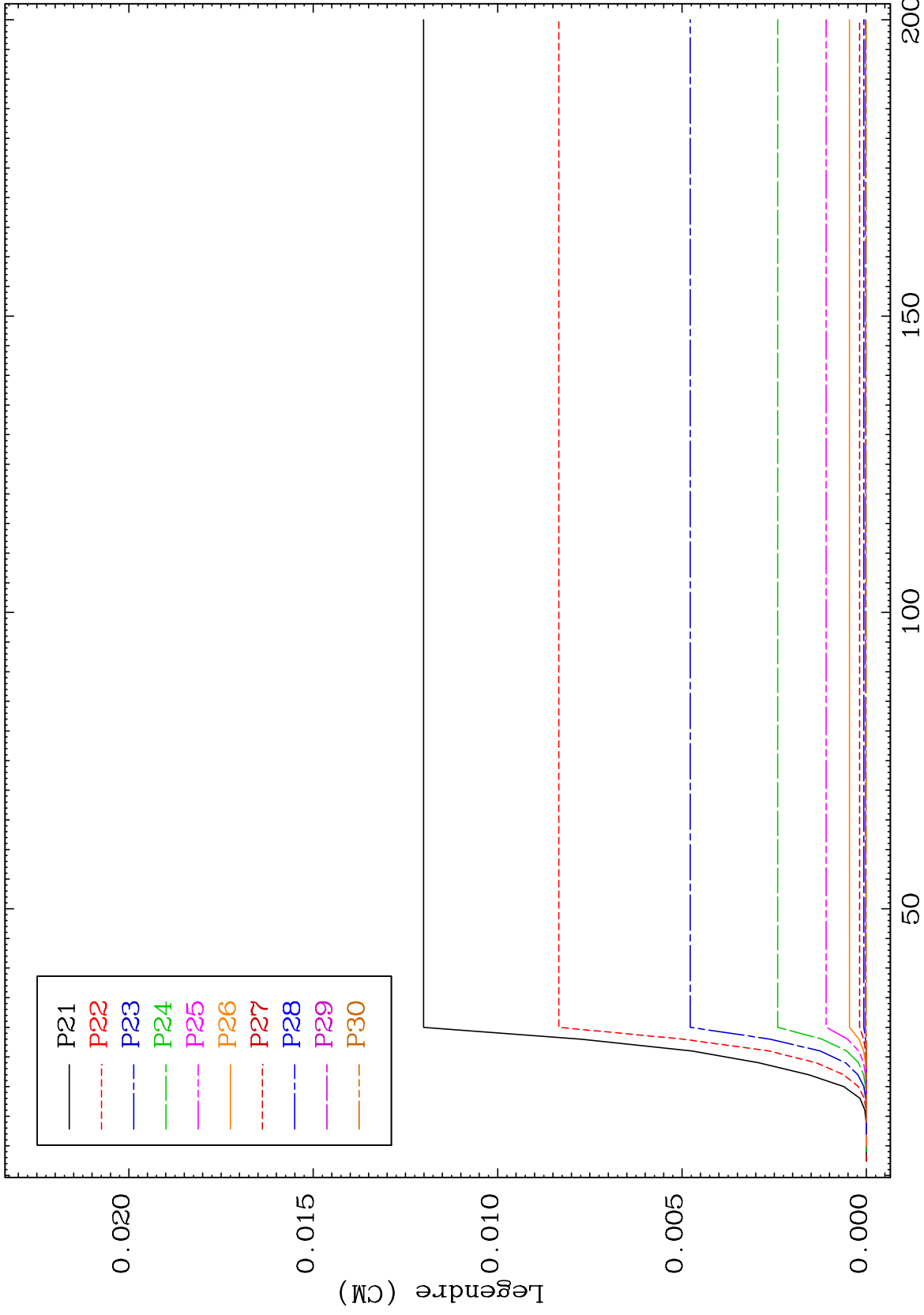
81-T1-205



25

Incident Energy (MeV)

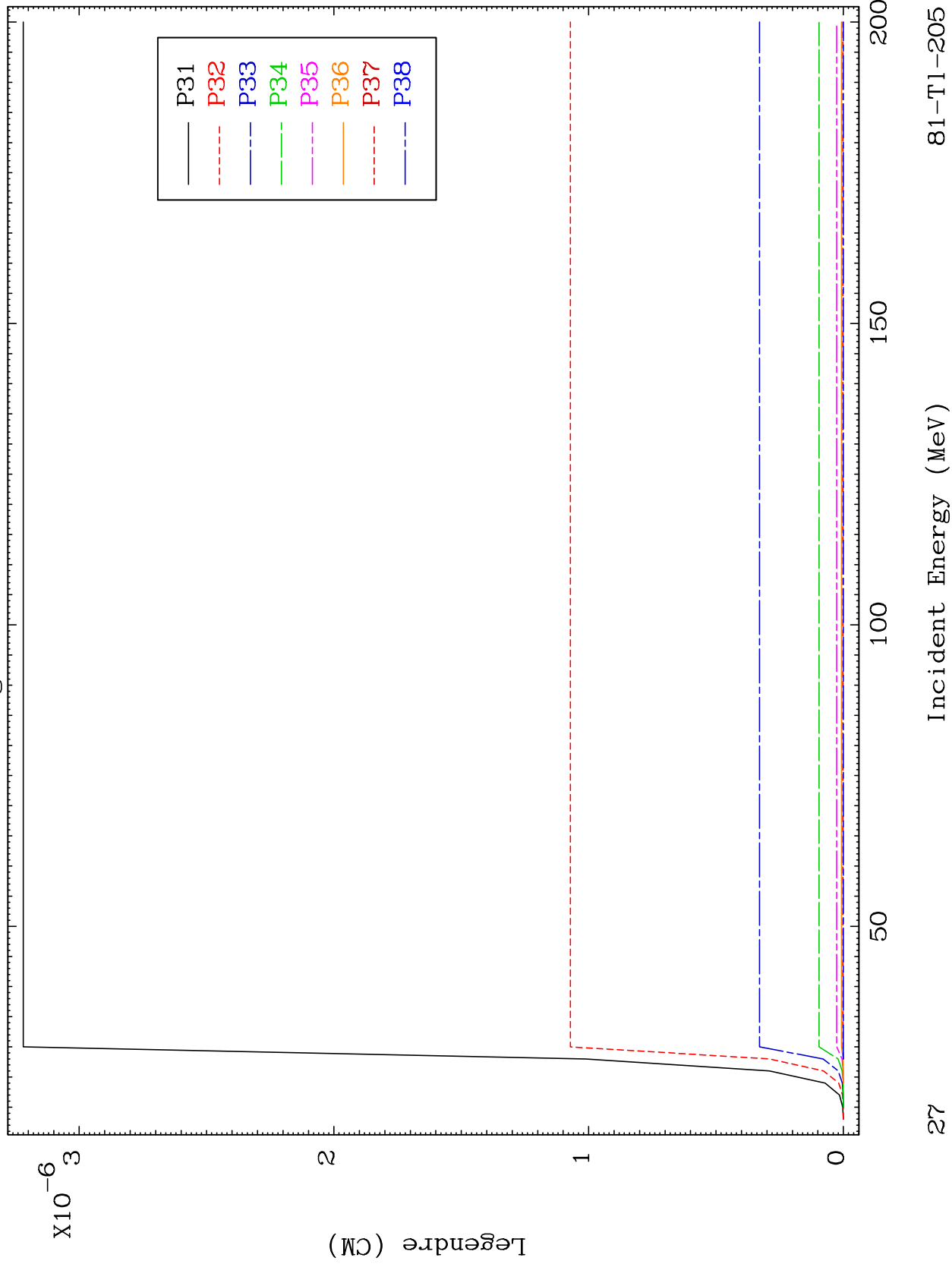
81-T1-205



MAT 8131

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

81-T1-205



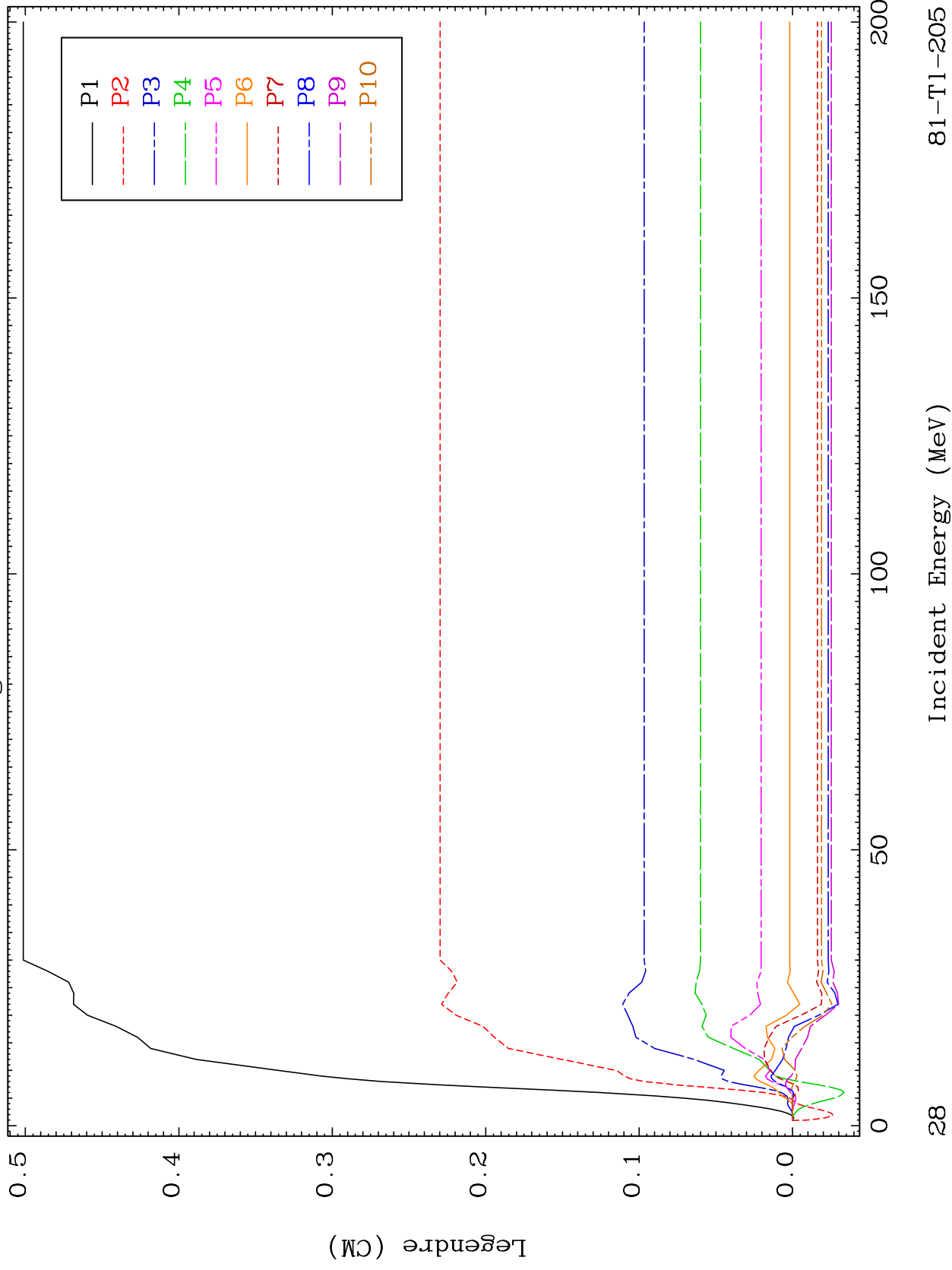
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81-T1-205

MAT 8131

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

81-T1-205

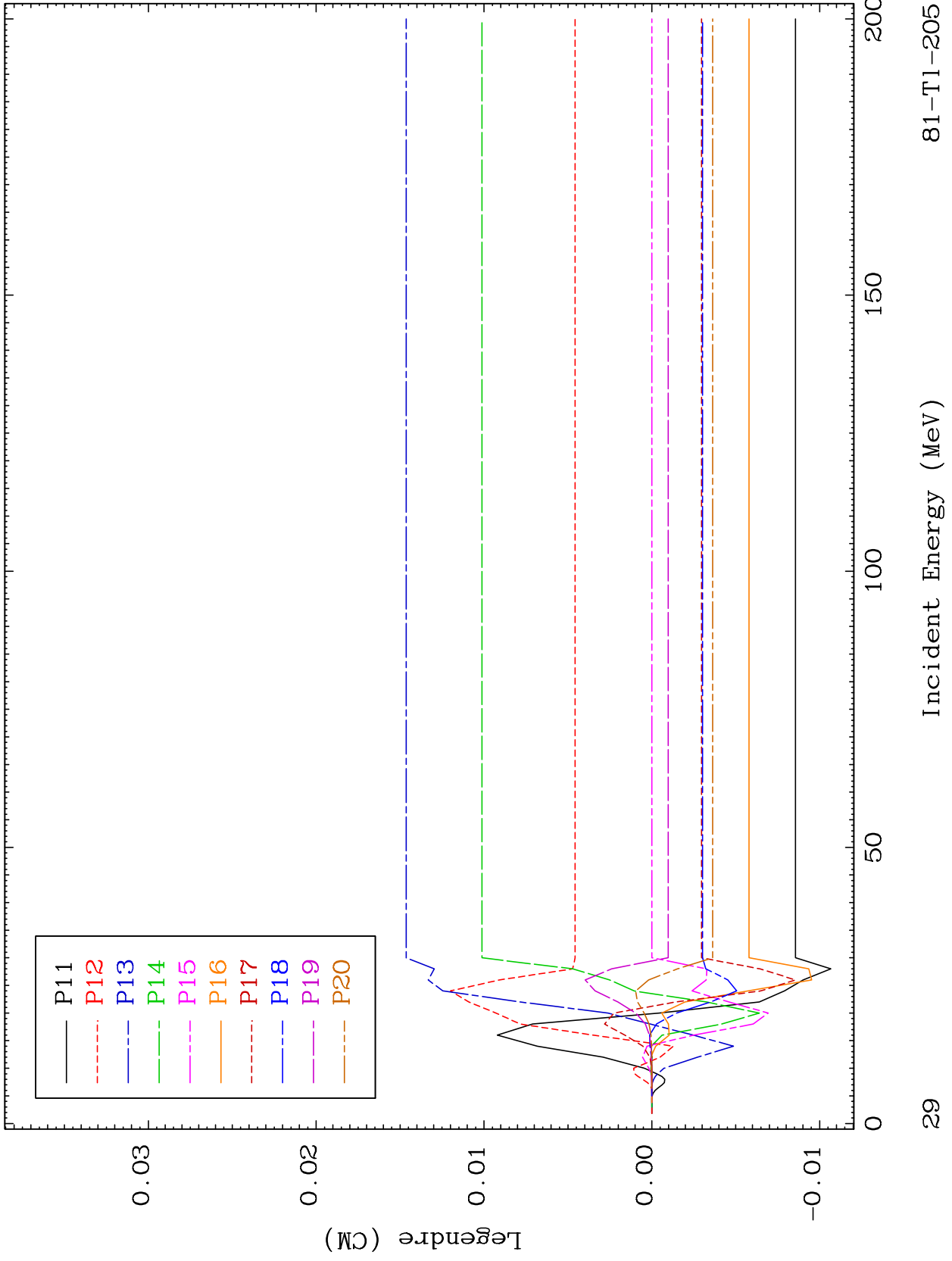


28

MAT 8131

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

81-T1-205



29

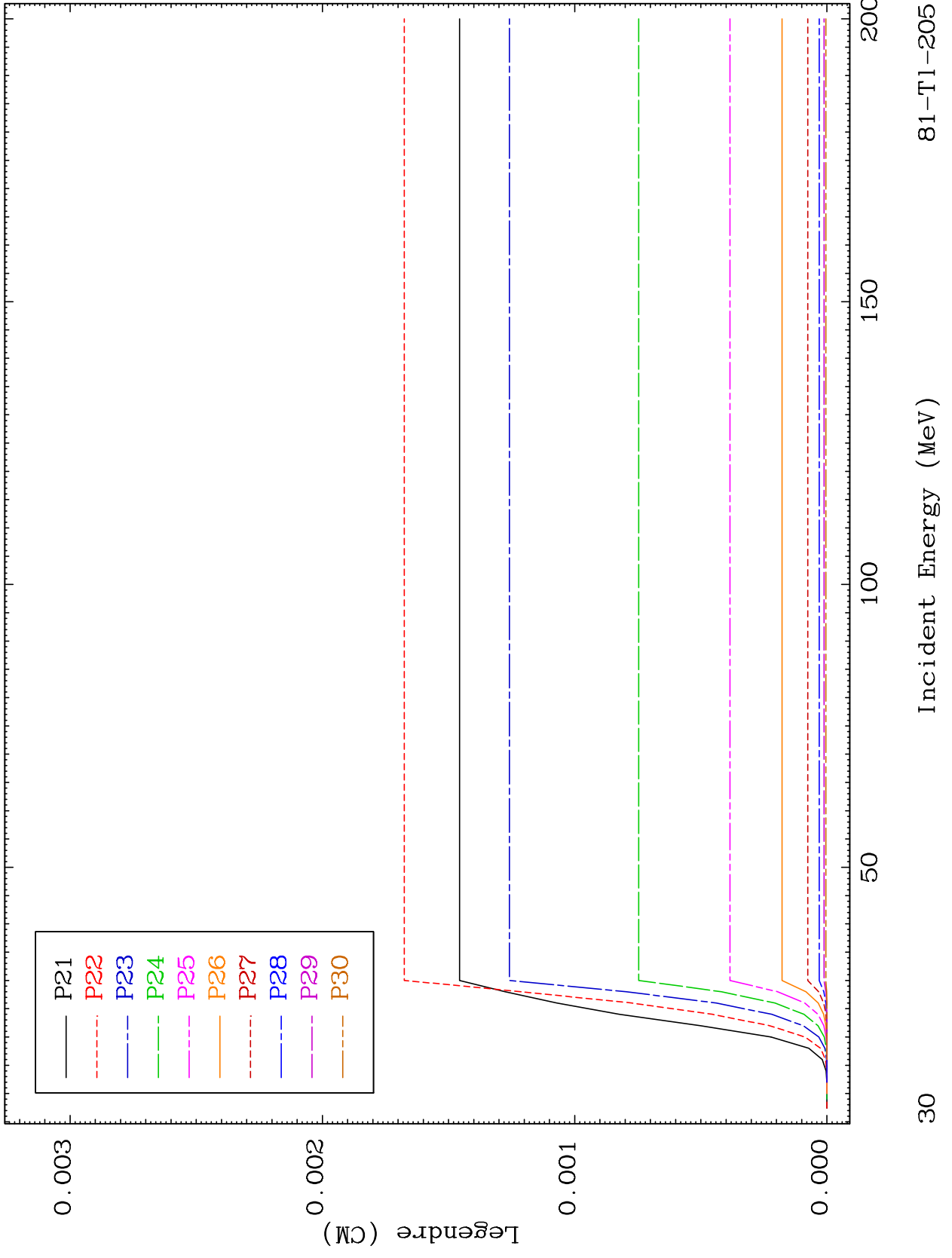
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



30

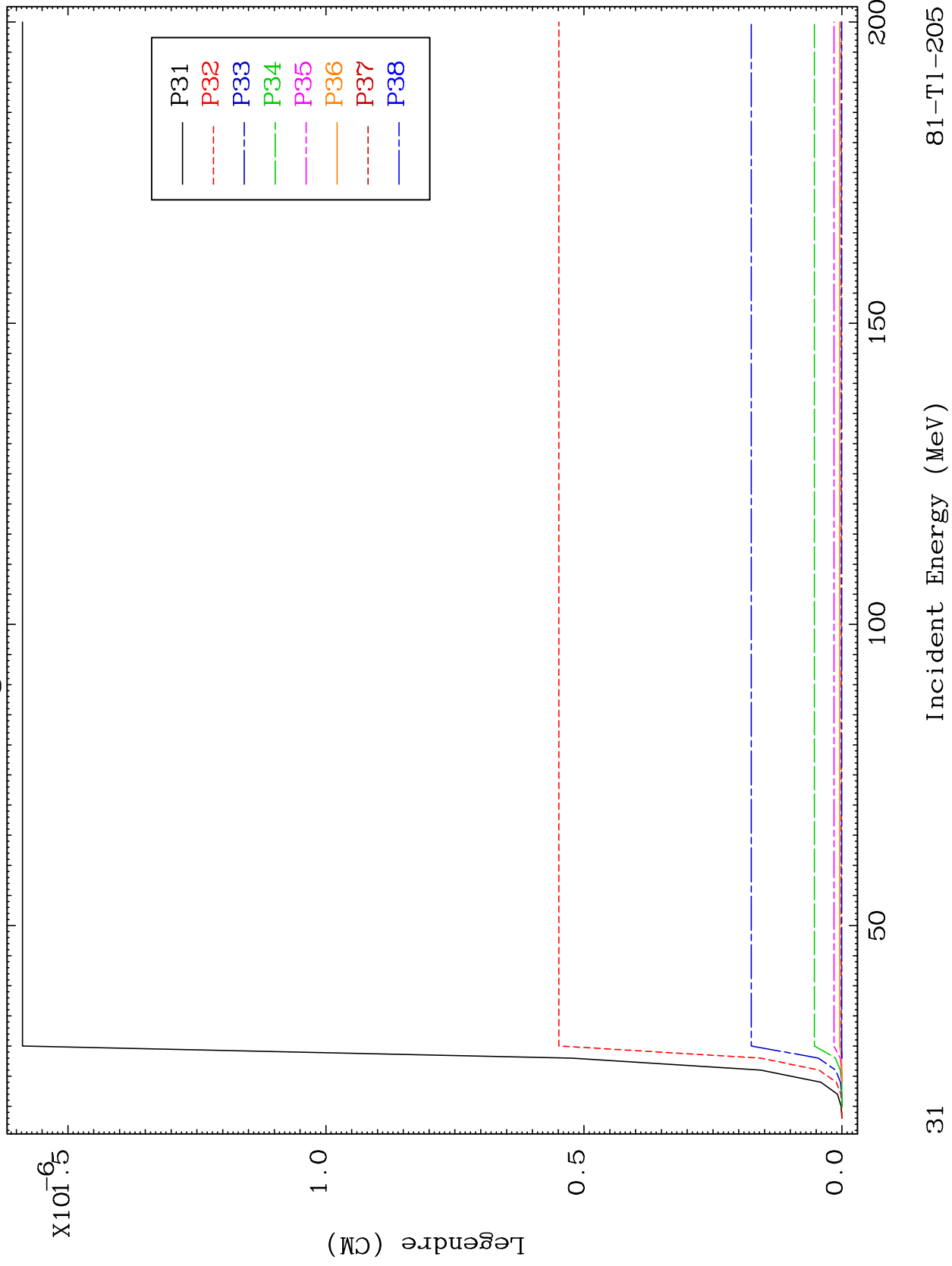
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205

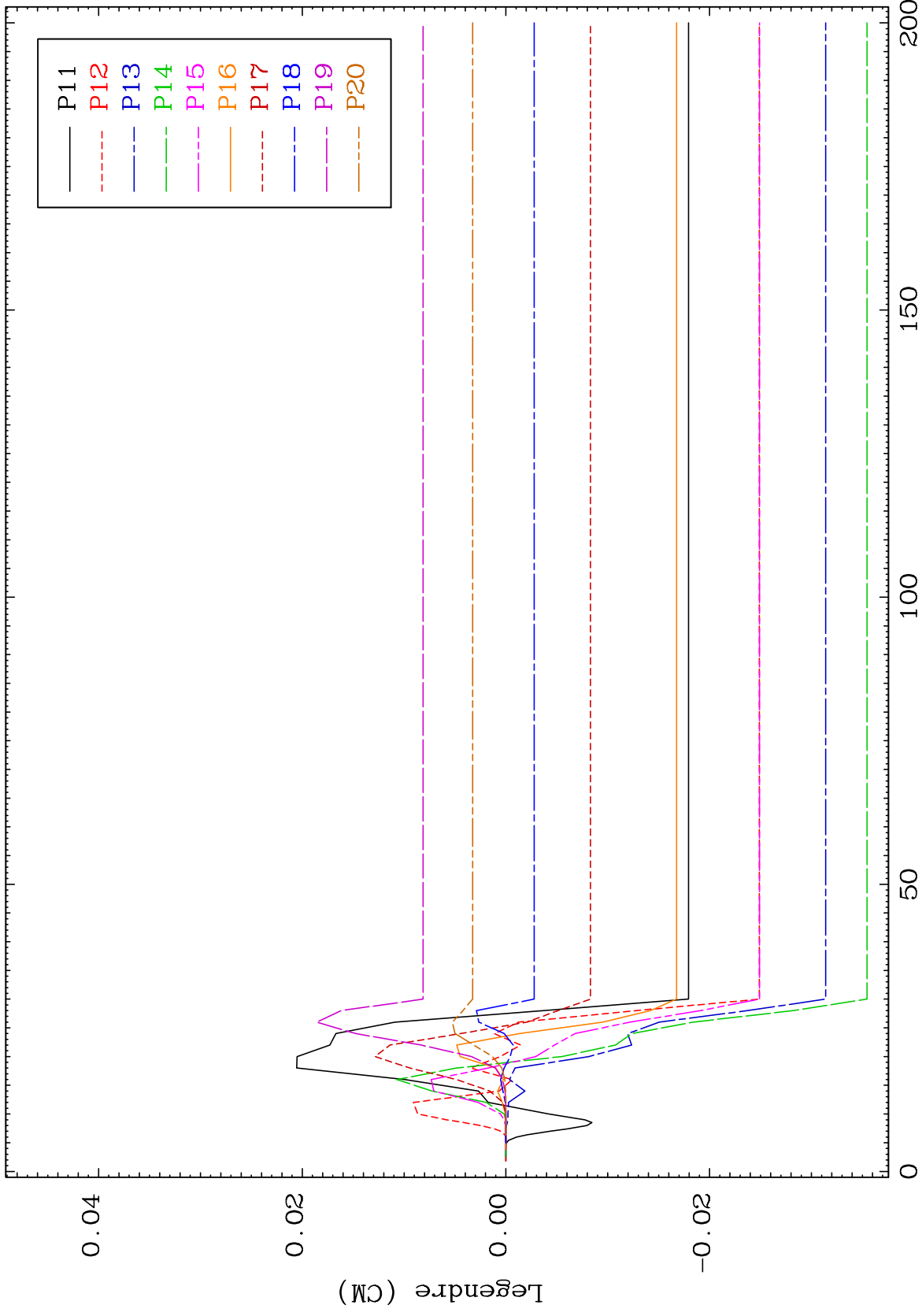




MAT 8131

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

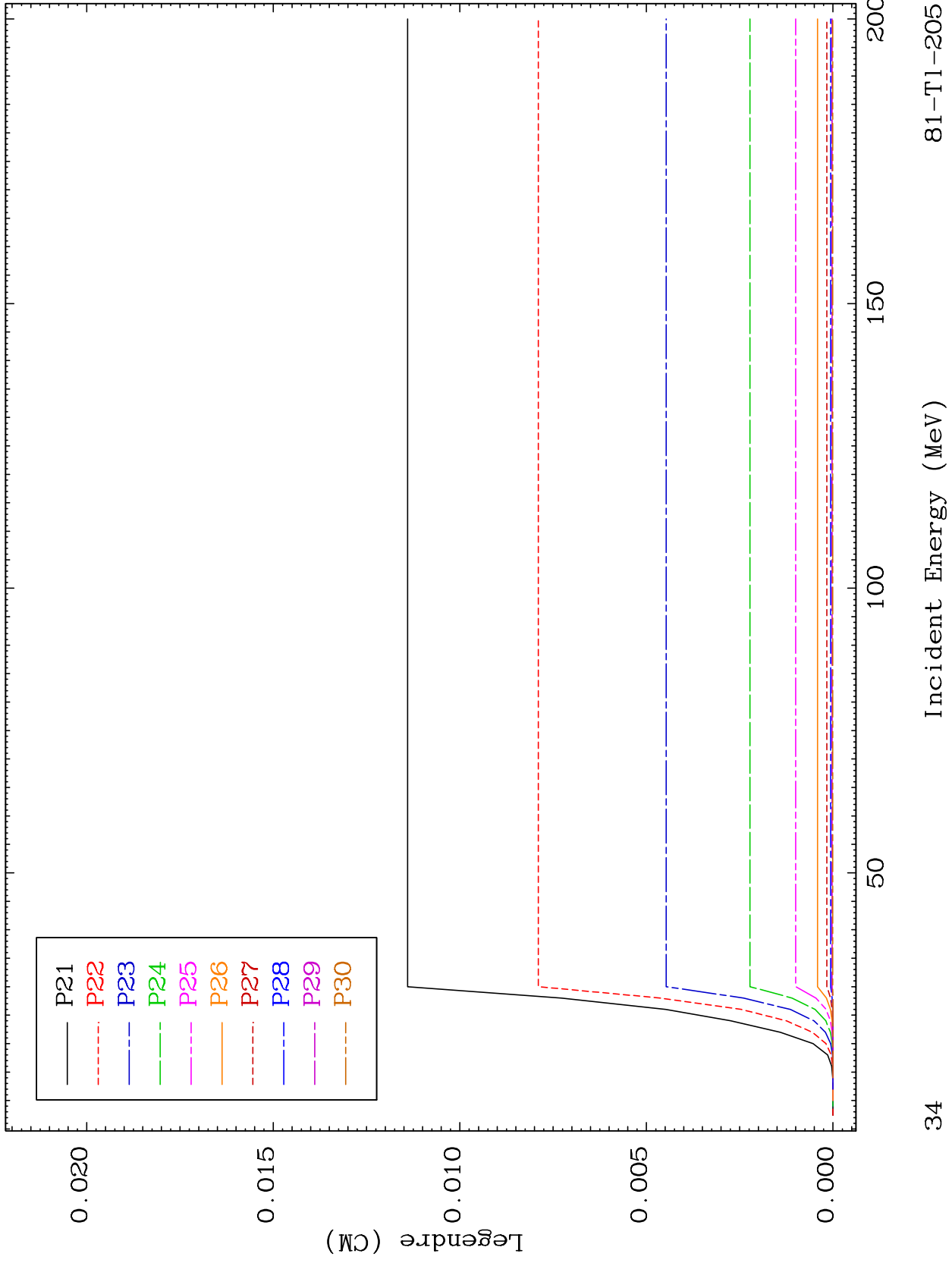
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33

Incident Energy (MeV)

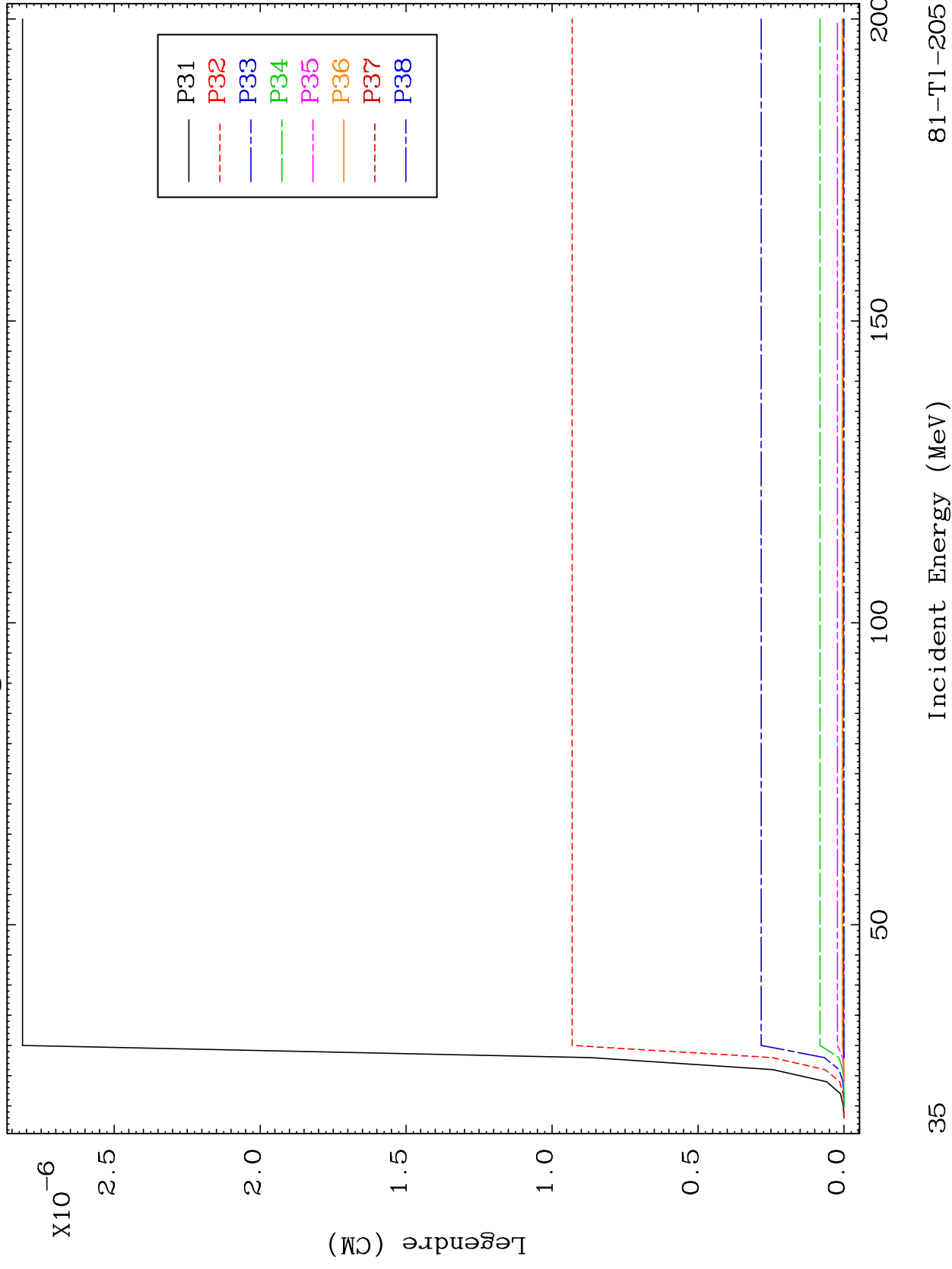
81-T1-205



MAT 8131

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

81-T1-205



35

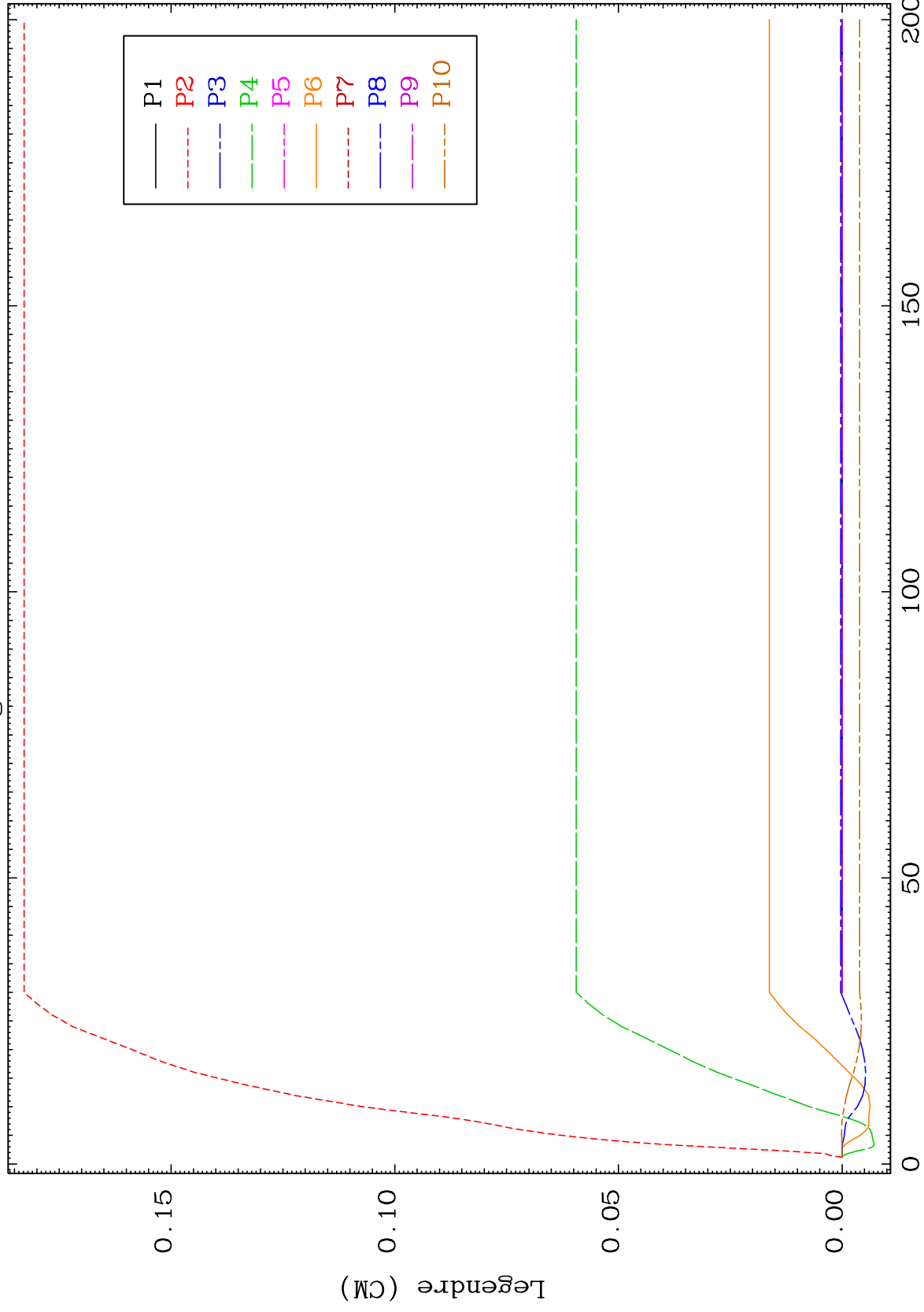
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



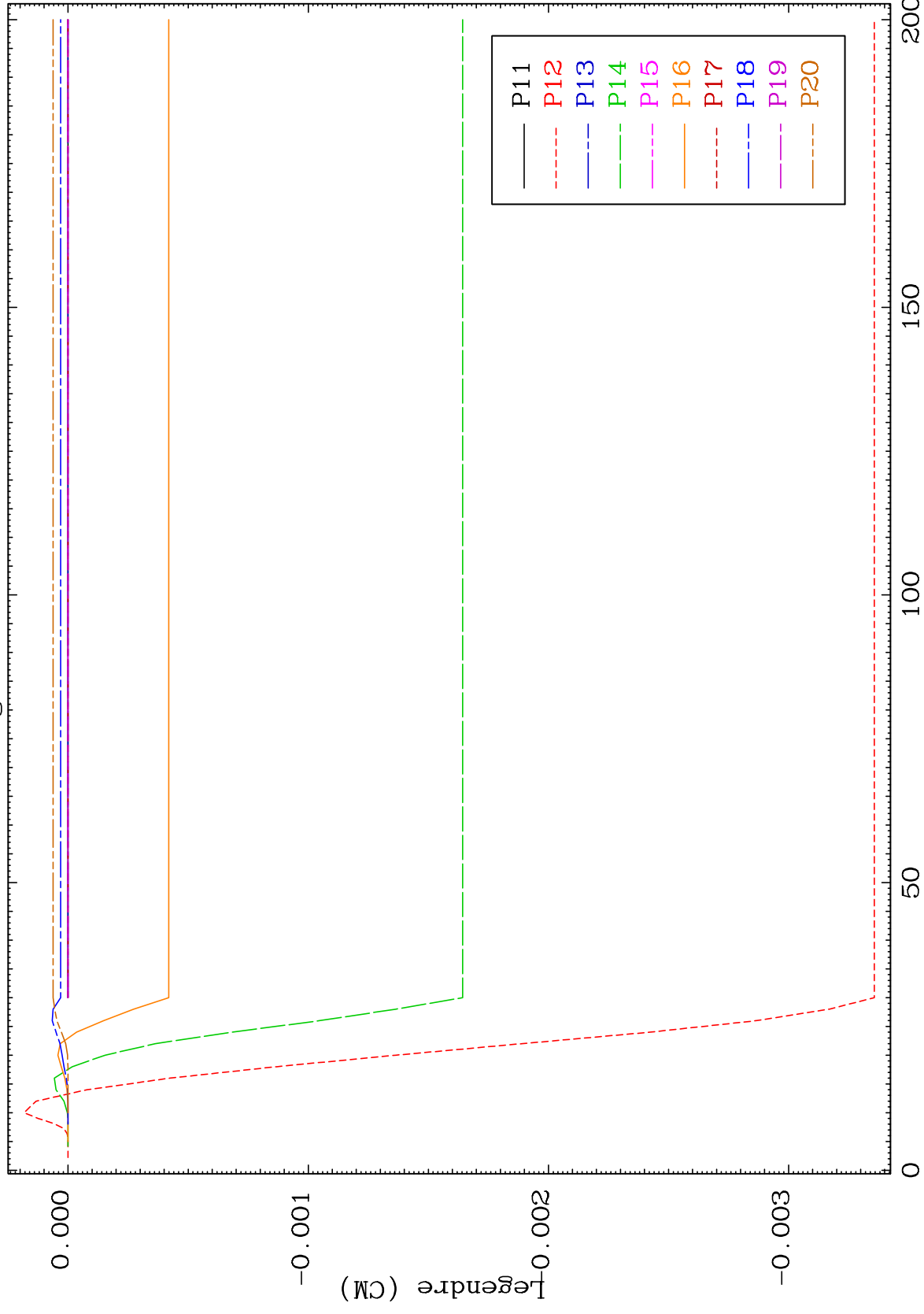
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81-T1-205

MAT 8131

81-T1-205

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



37

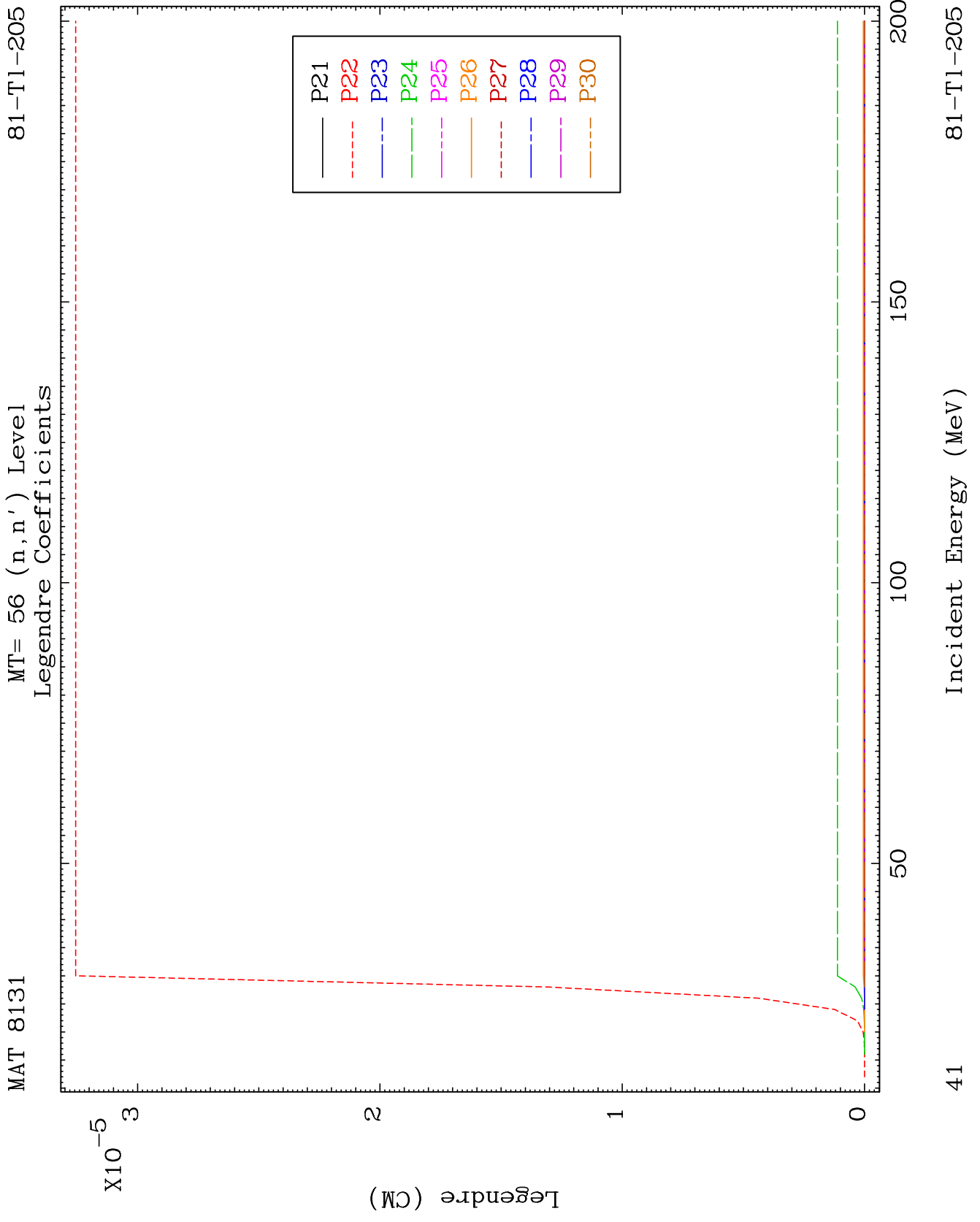
Incident Energy (MeV)

81-T1-205





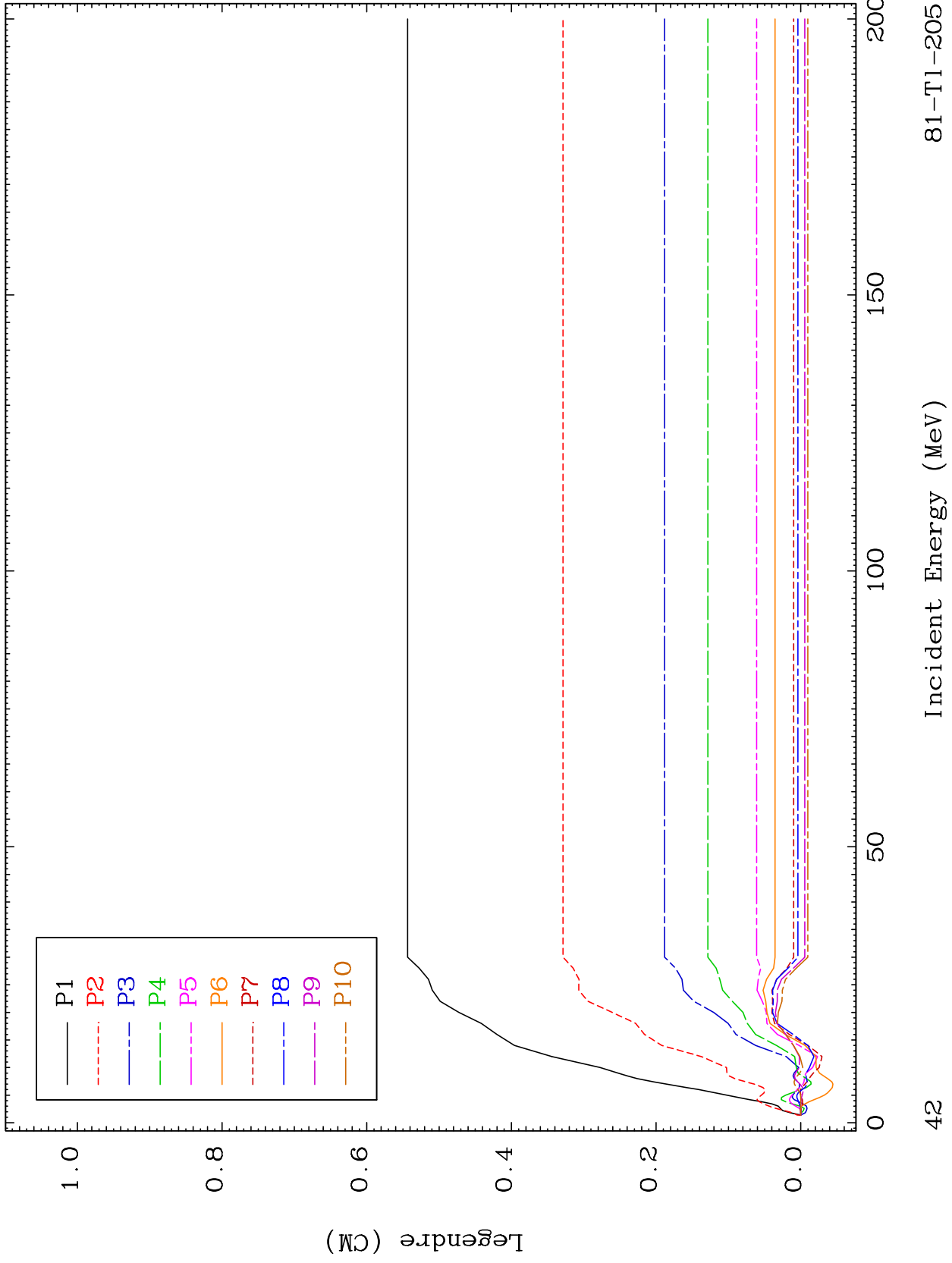




MAT 8131

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

81-T1-205



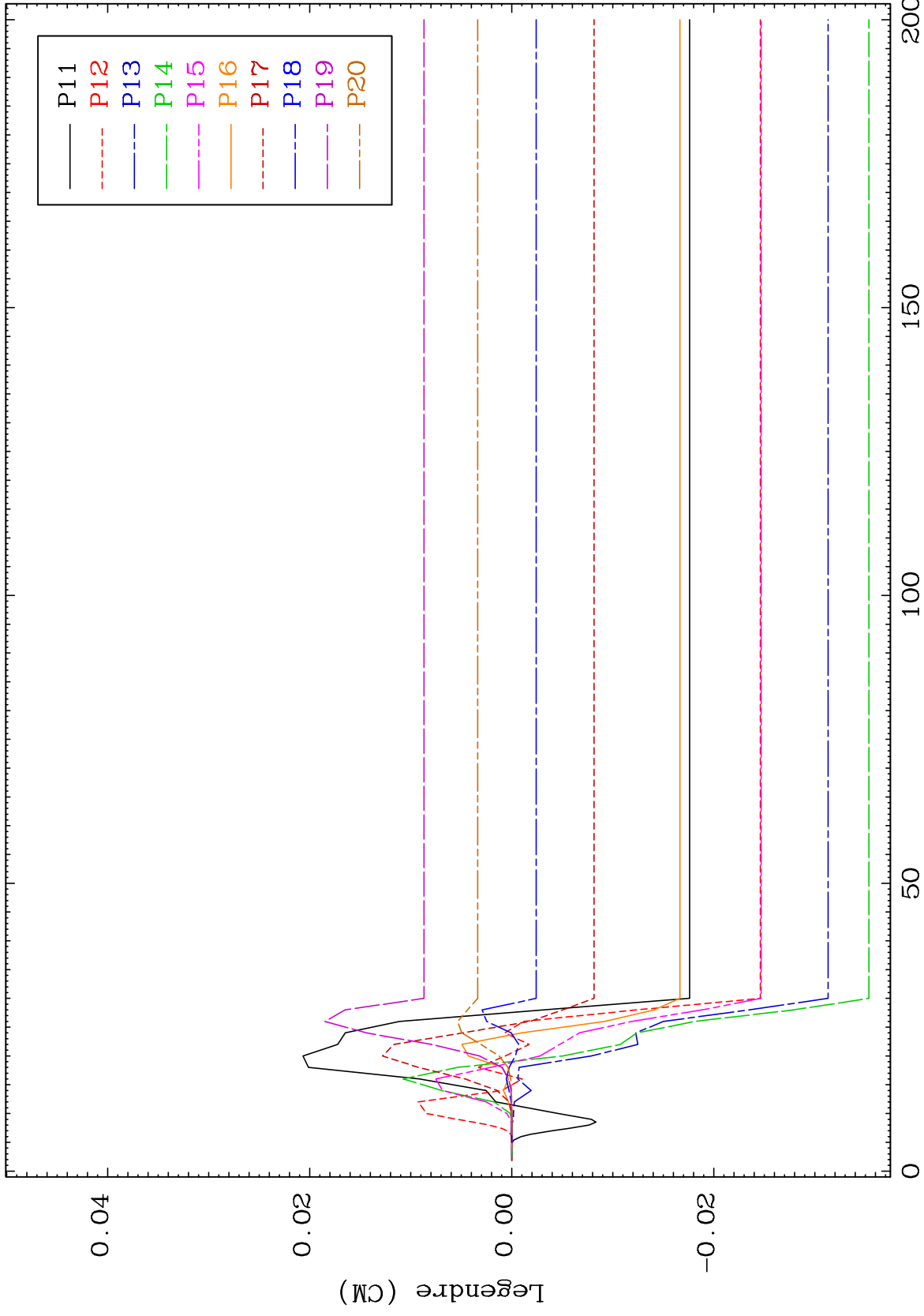
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81-T1-205

MAT 8131

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

81-T1-205



43

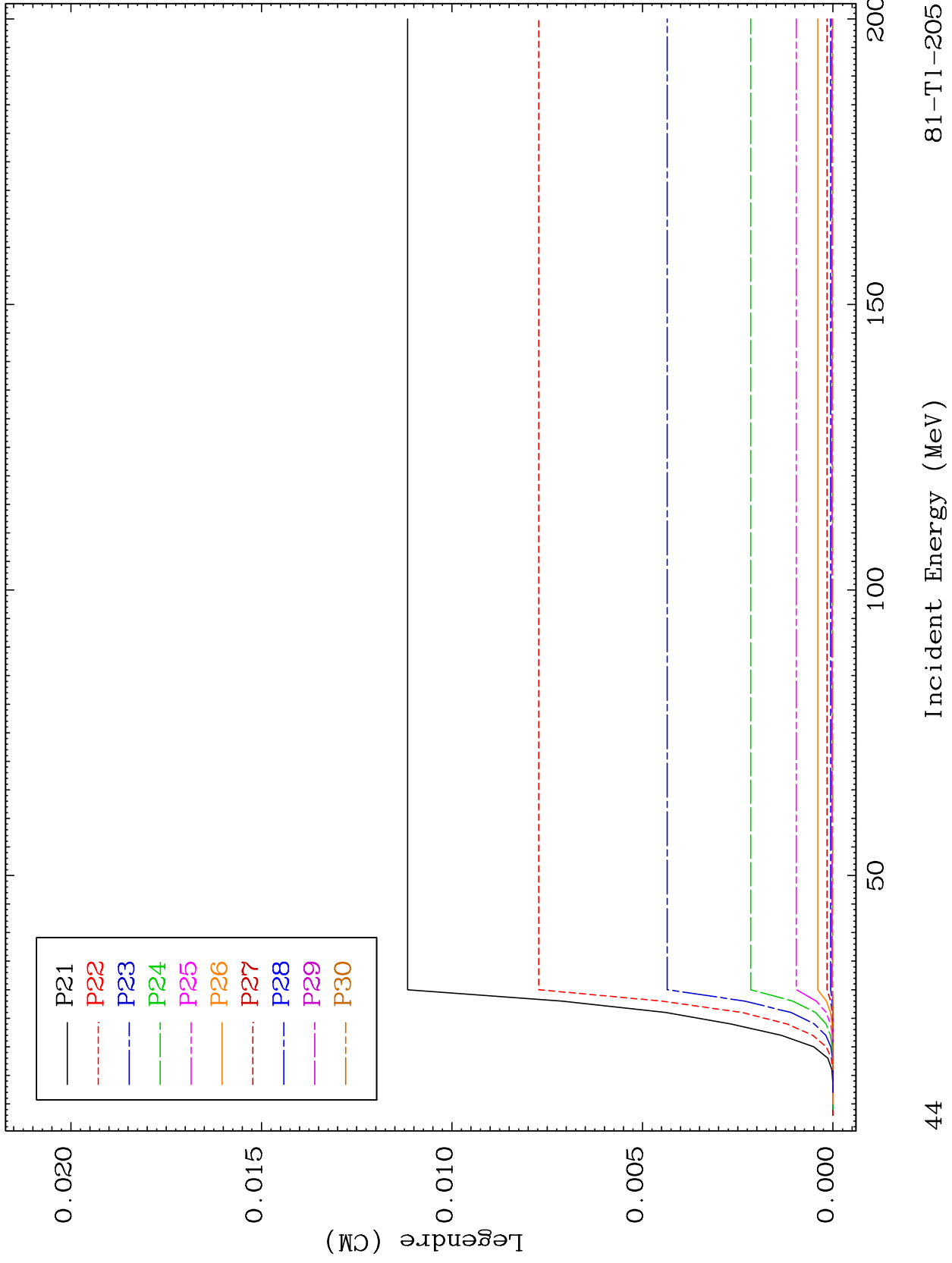
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



44

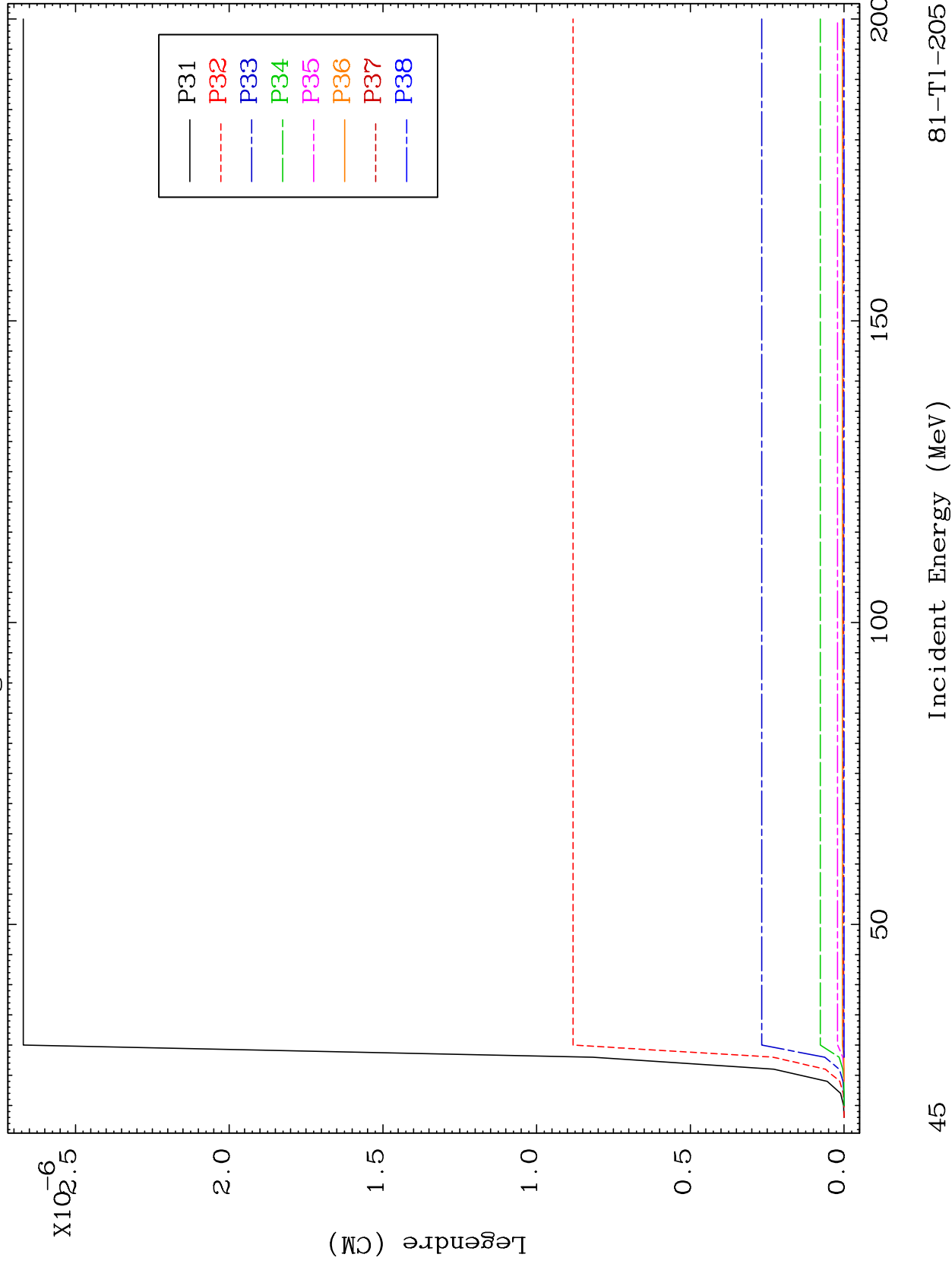
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205

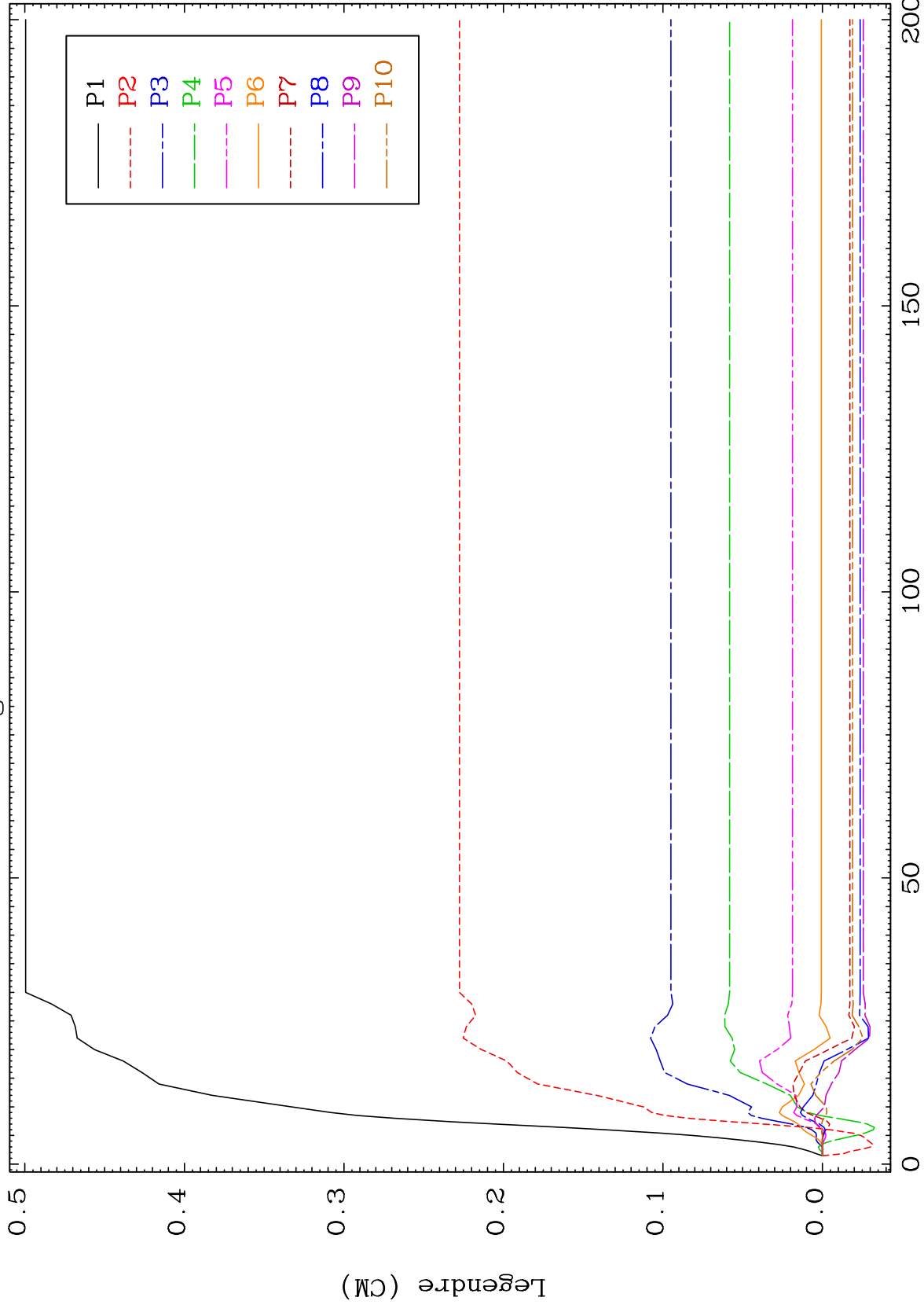


81-T1-205

MAT 8131

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

81-T1-205



46

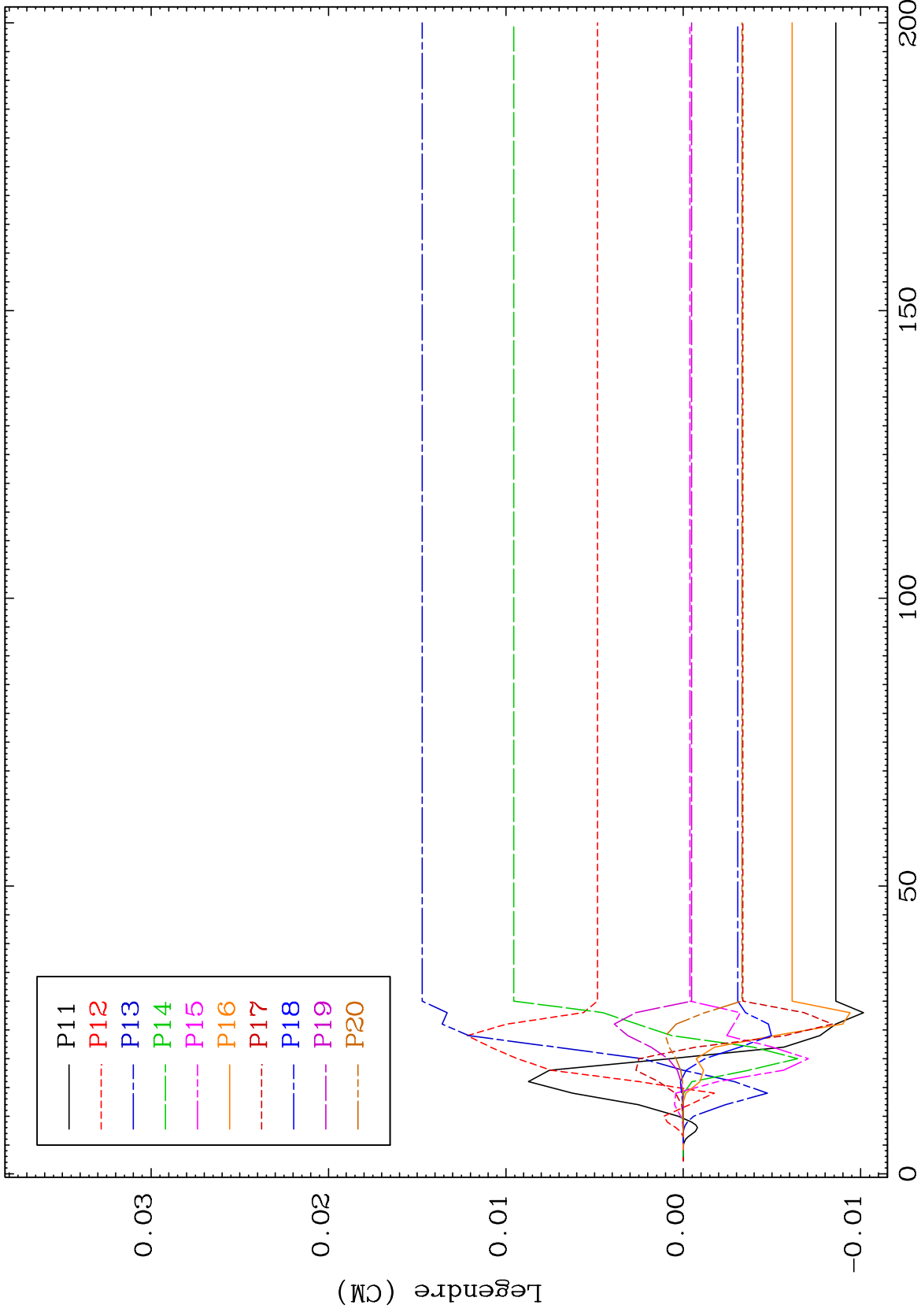
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



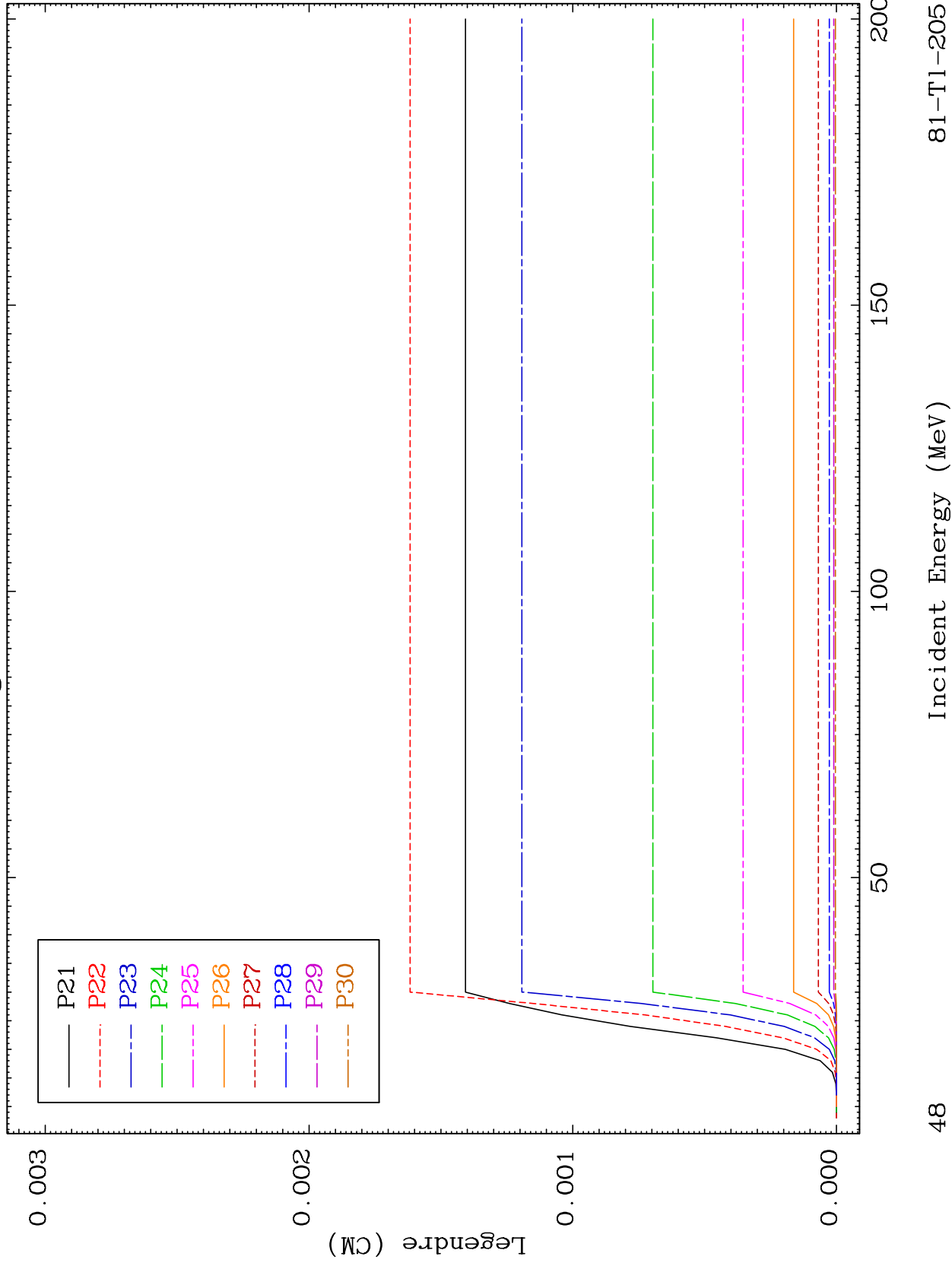
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81-T1-205

MAT 8131

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

81-T1-205



48

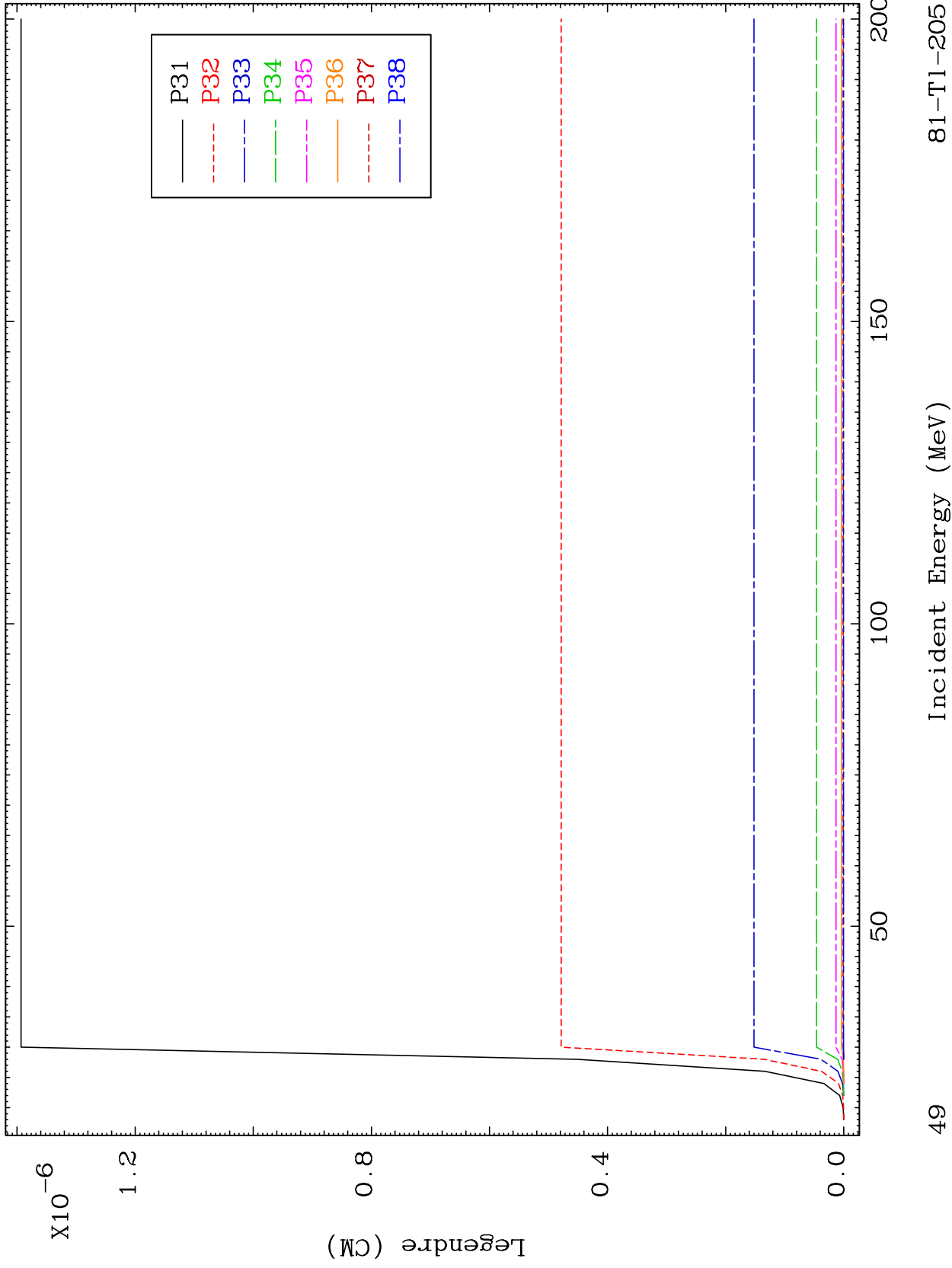
Incident Energy (MeV)

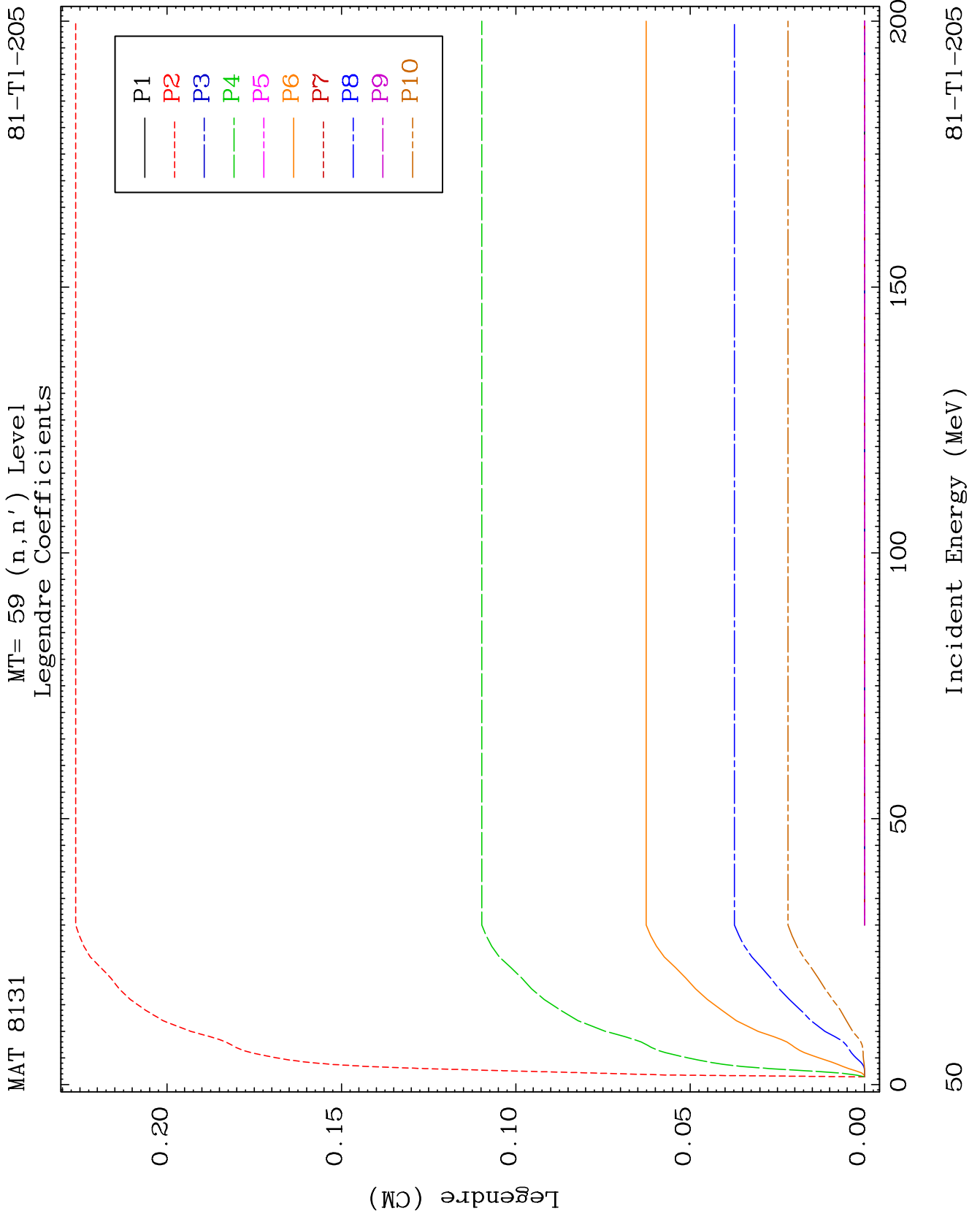
81-T1-205

MAT 8131

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

81-T1-205

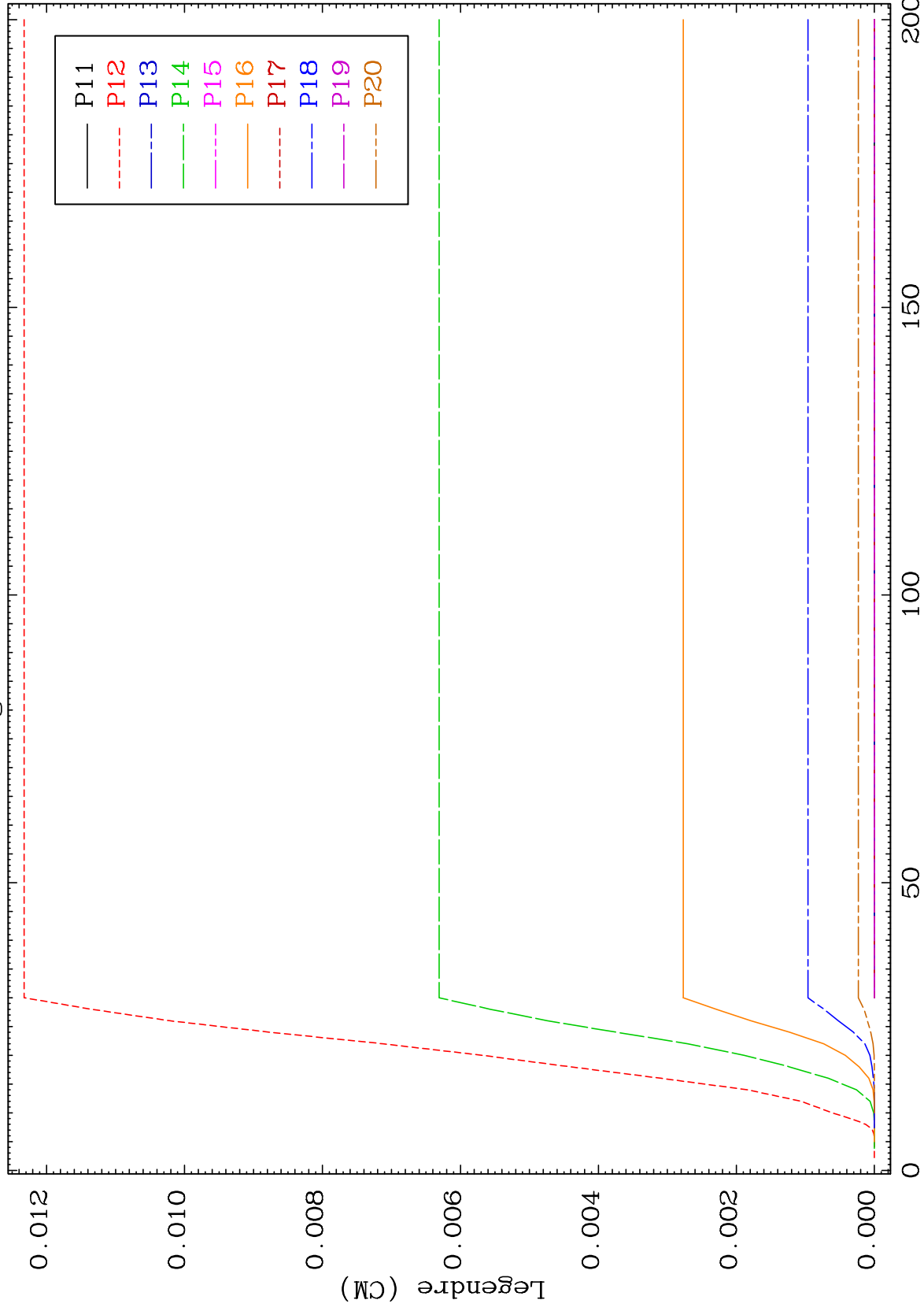




MAT 8131

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

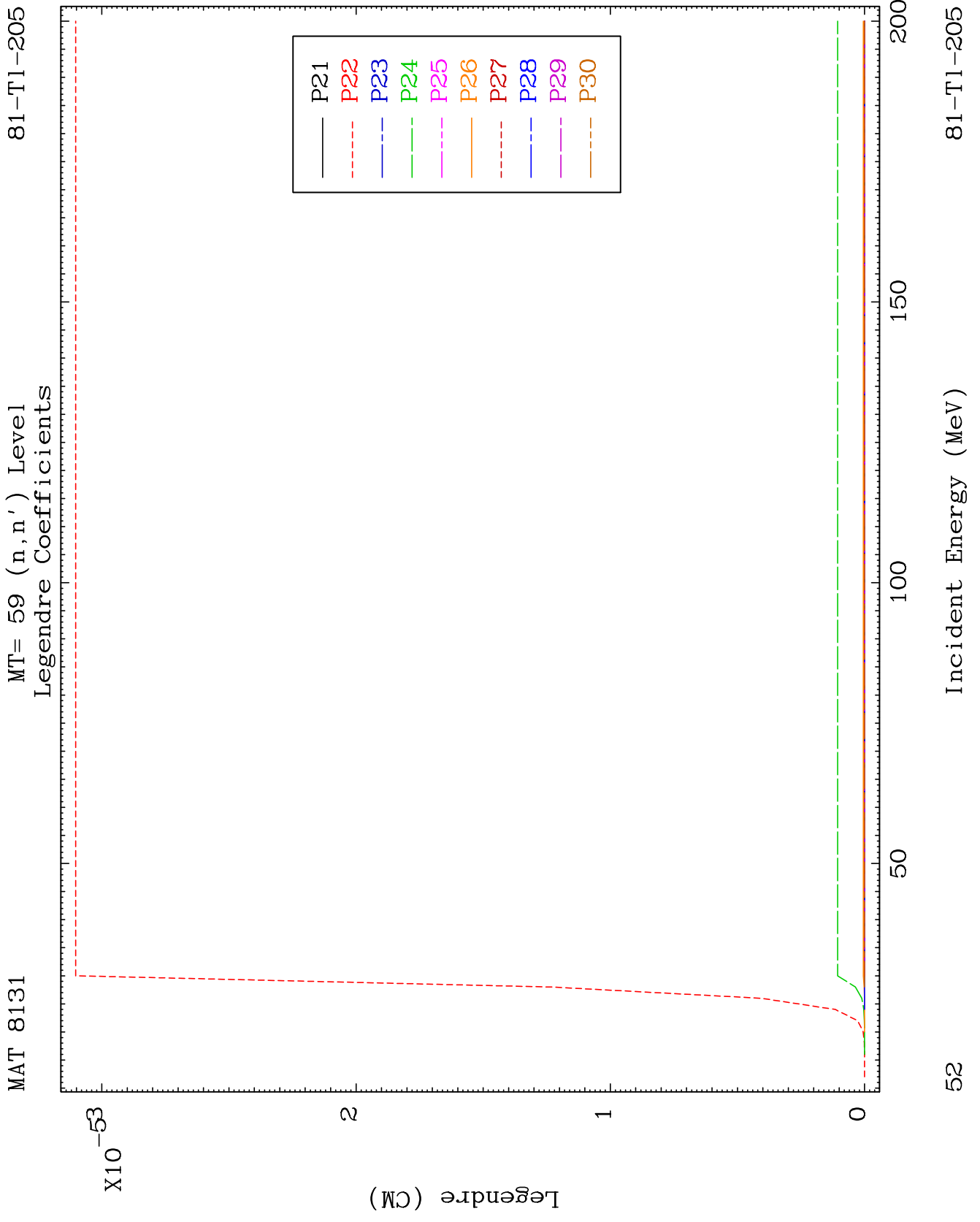
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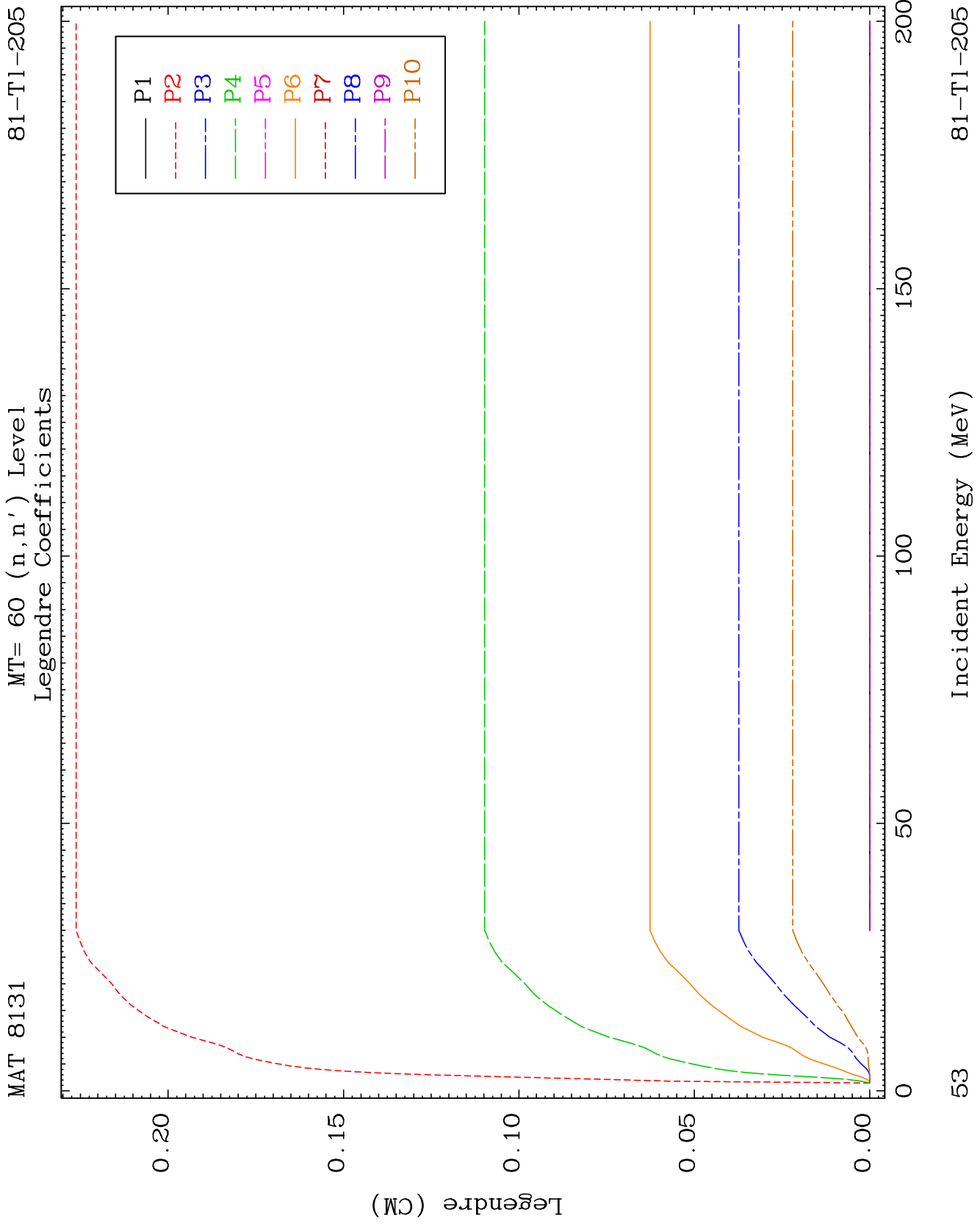


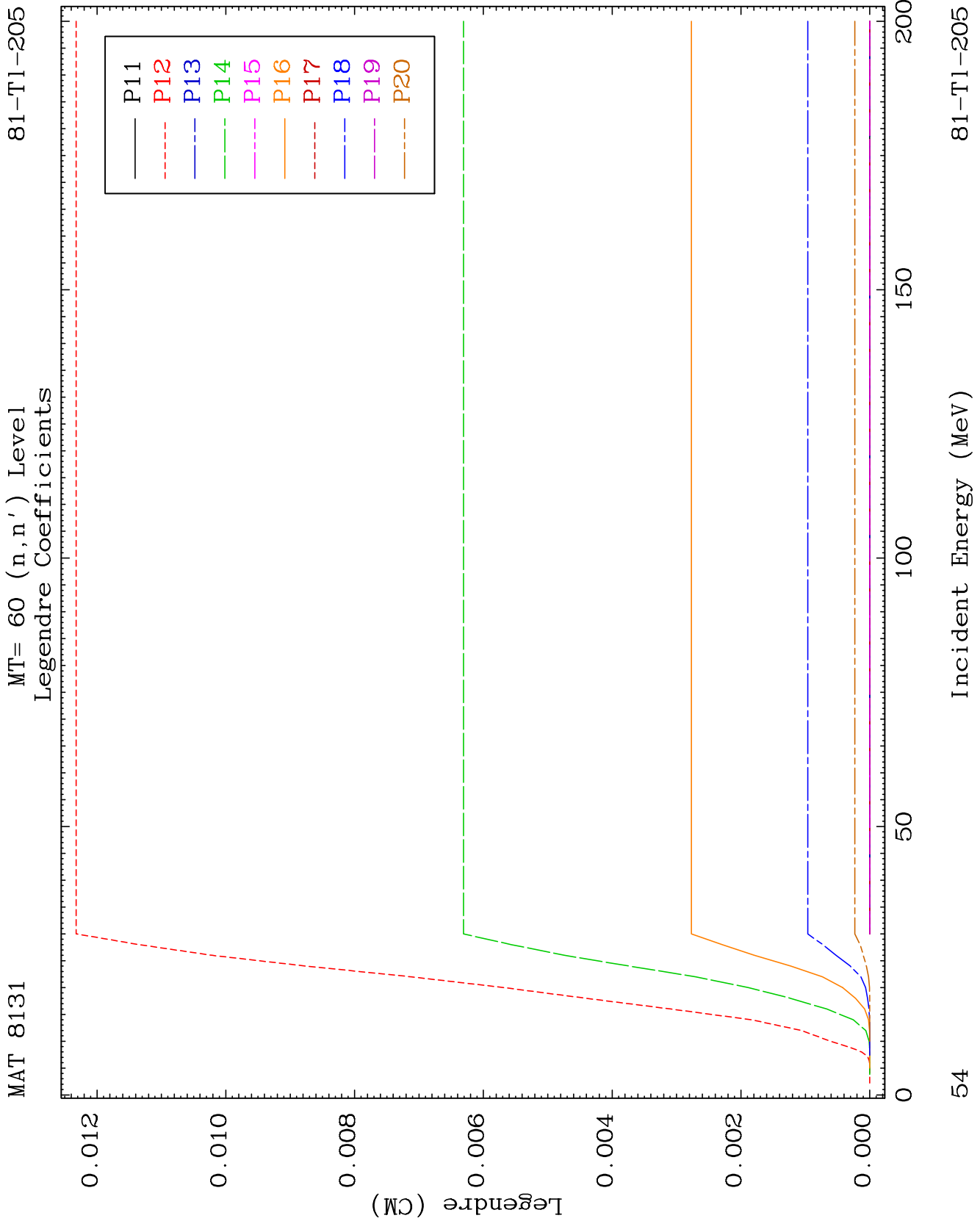
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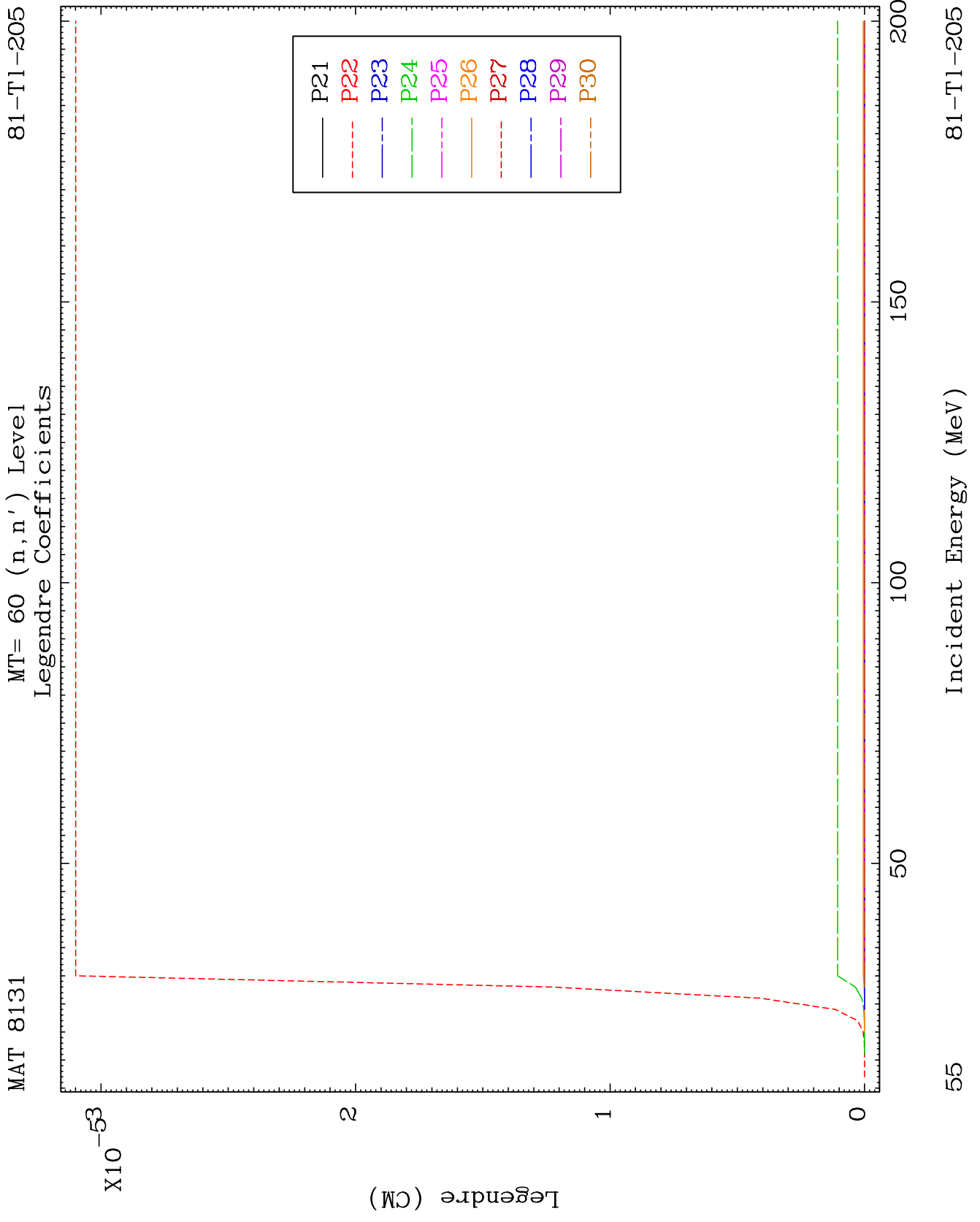
Incident Energy (MeV)

81-T1-205







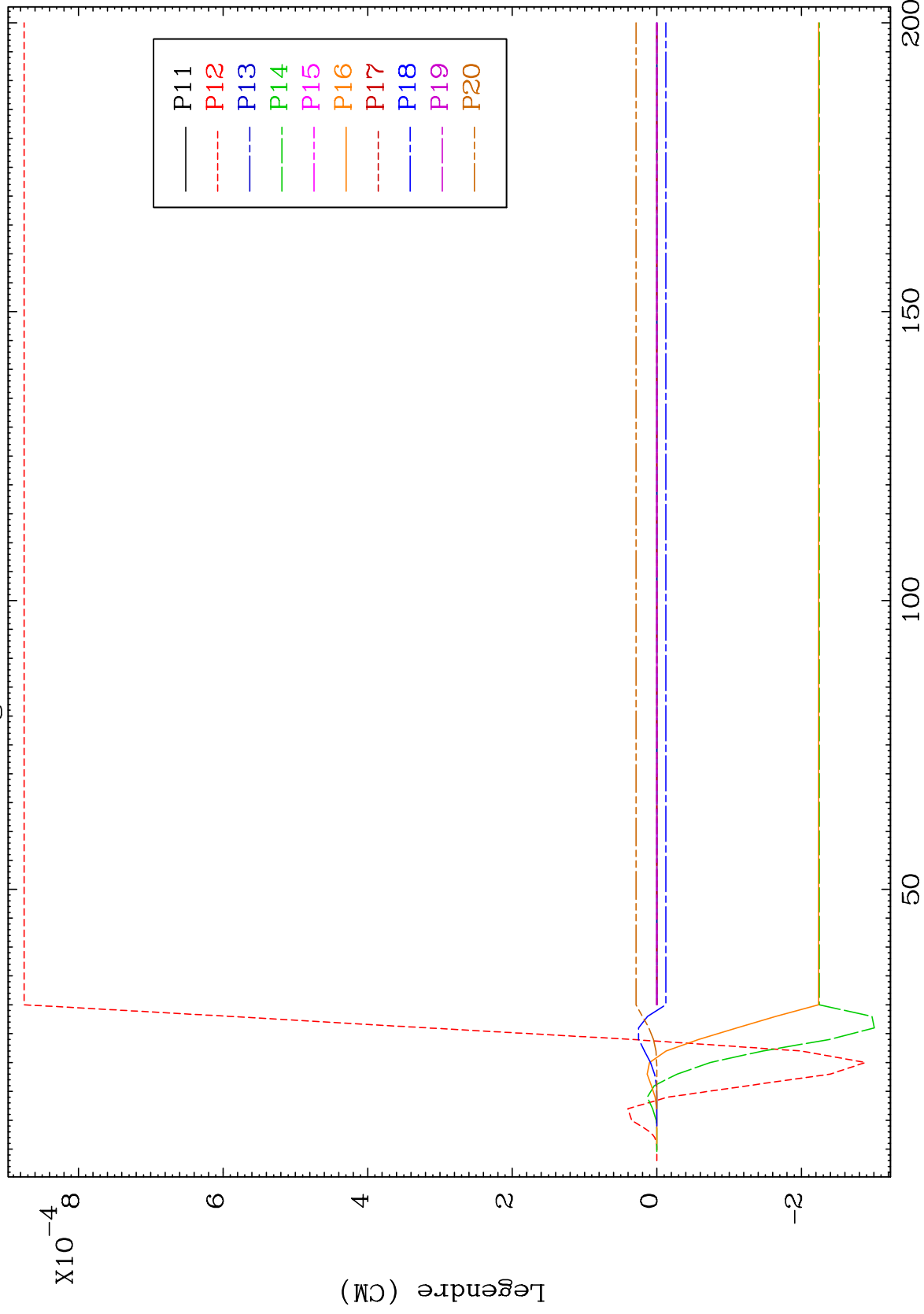




MAT 8131

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

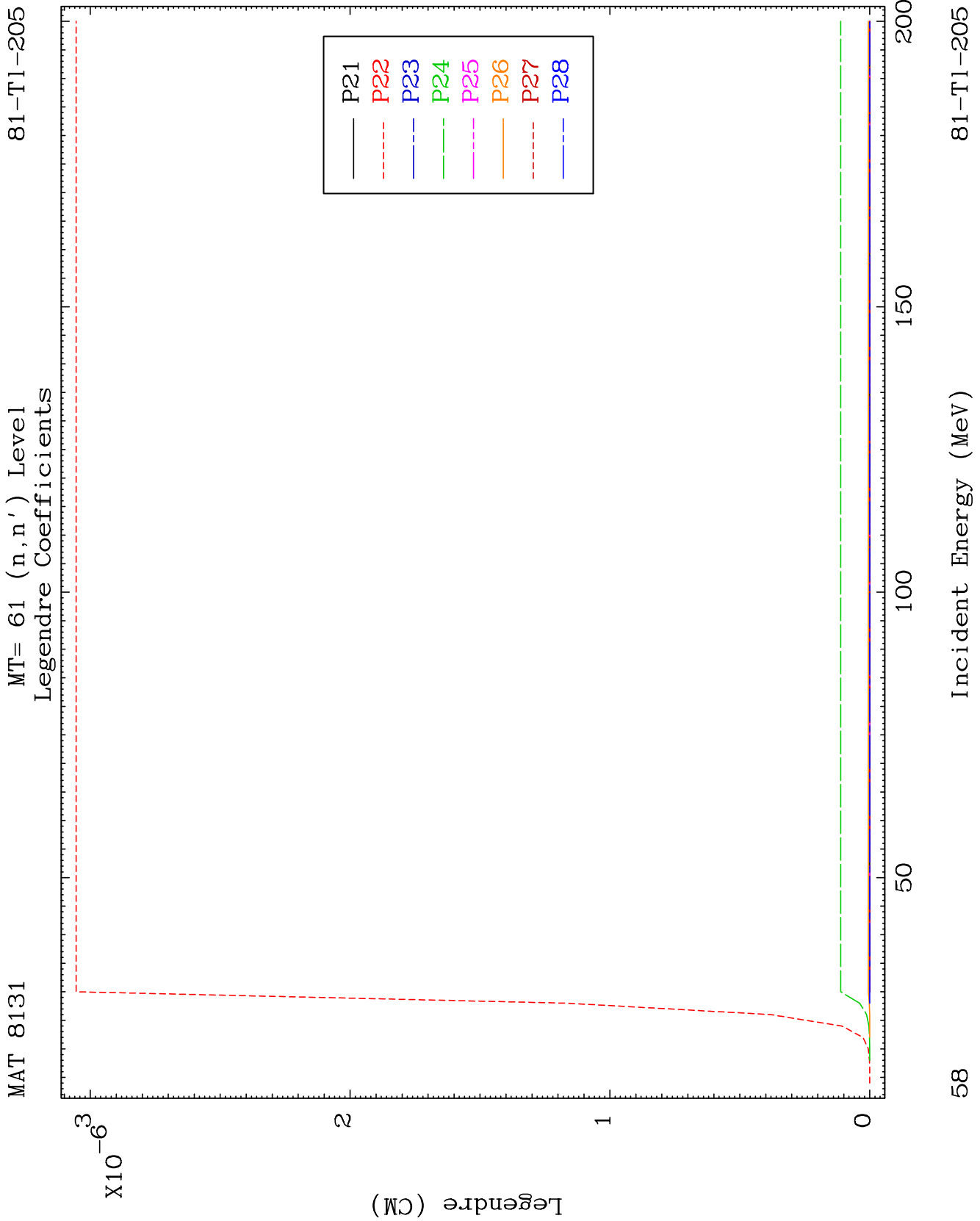
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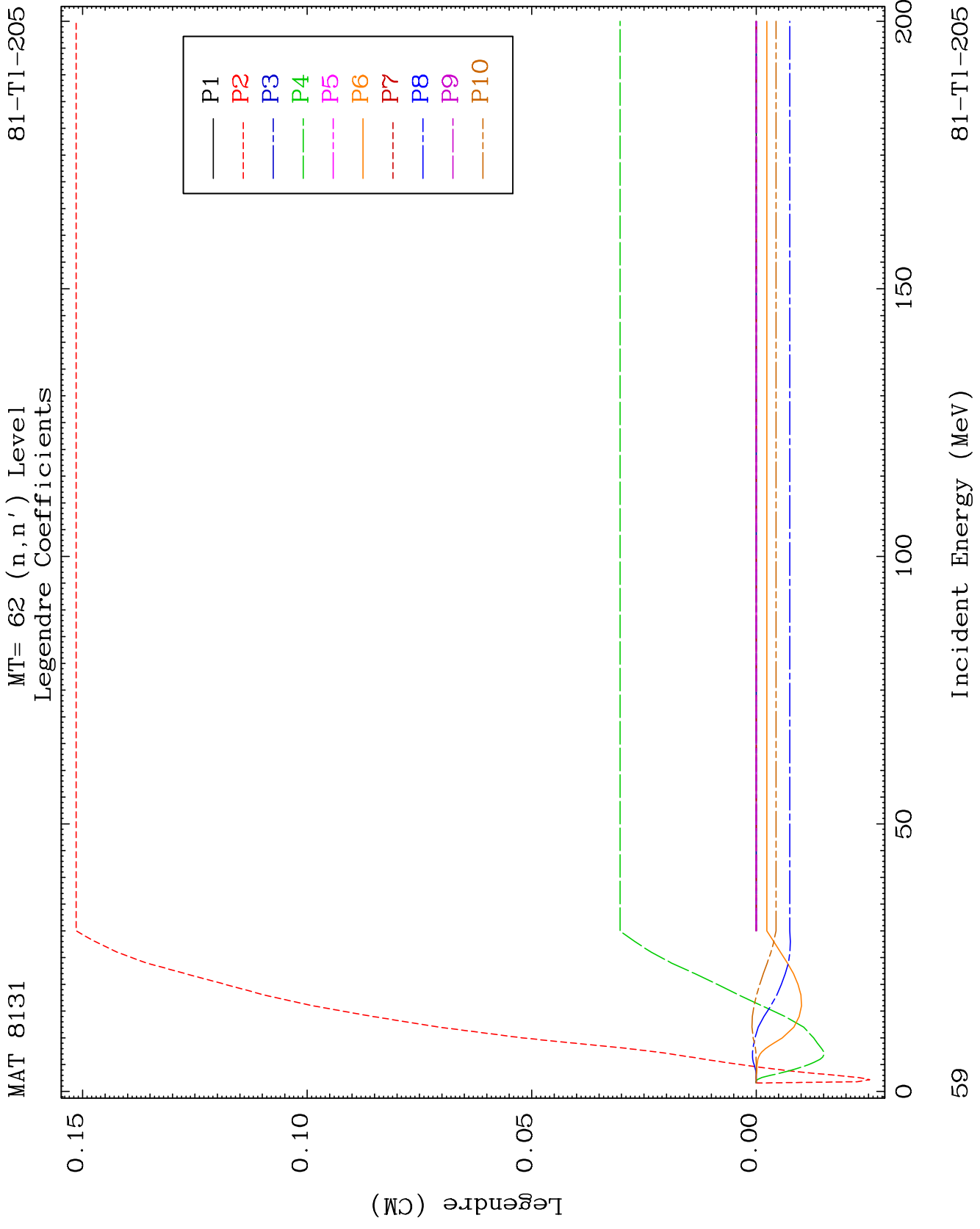


57

Incident Energy (MeV)

81-T1-205

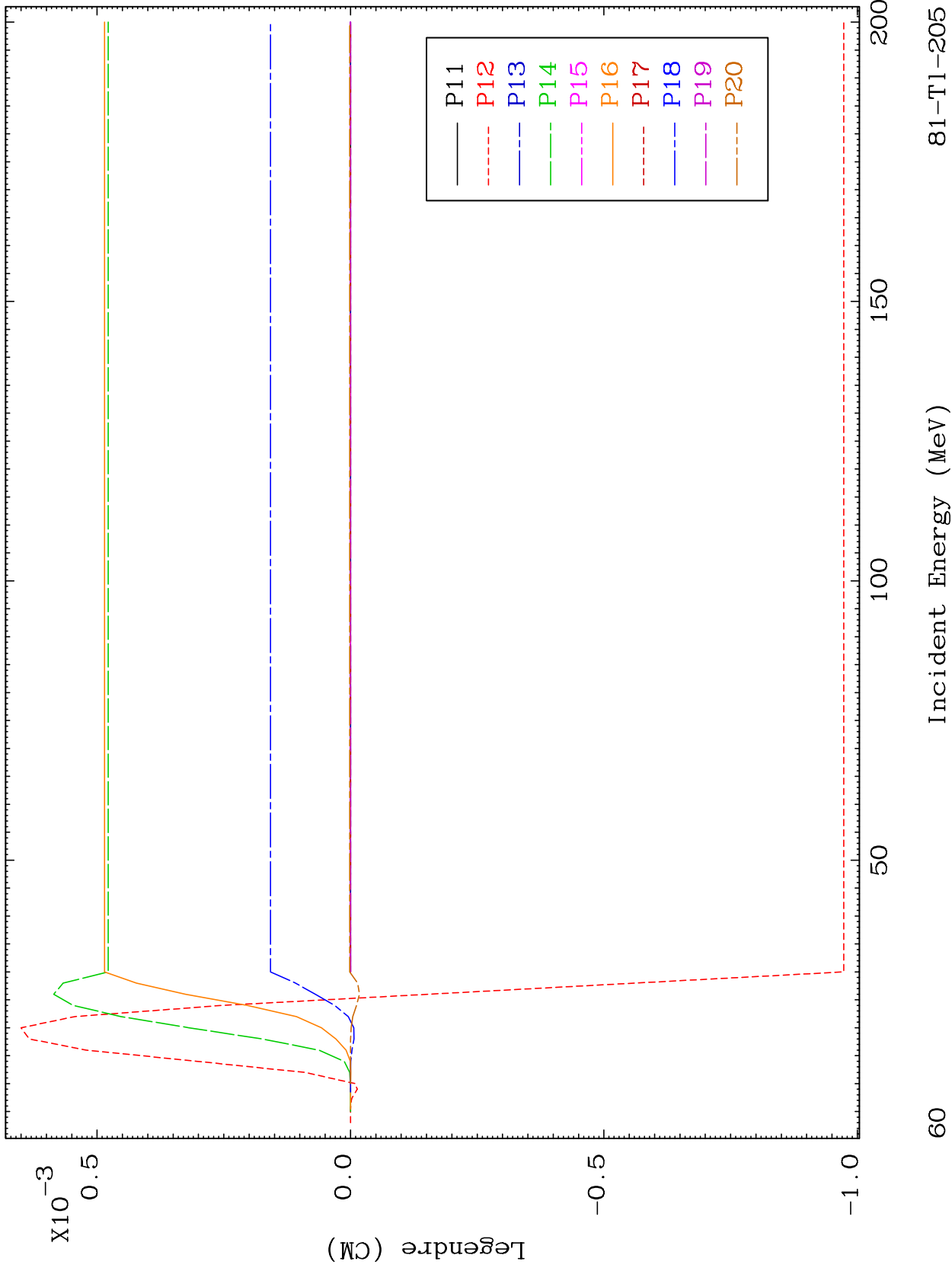


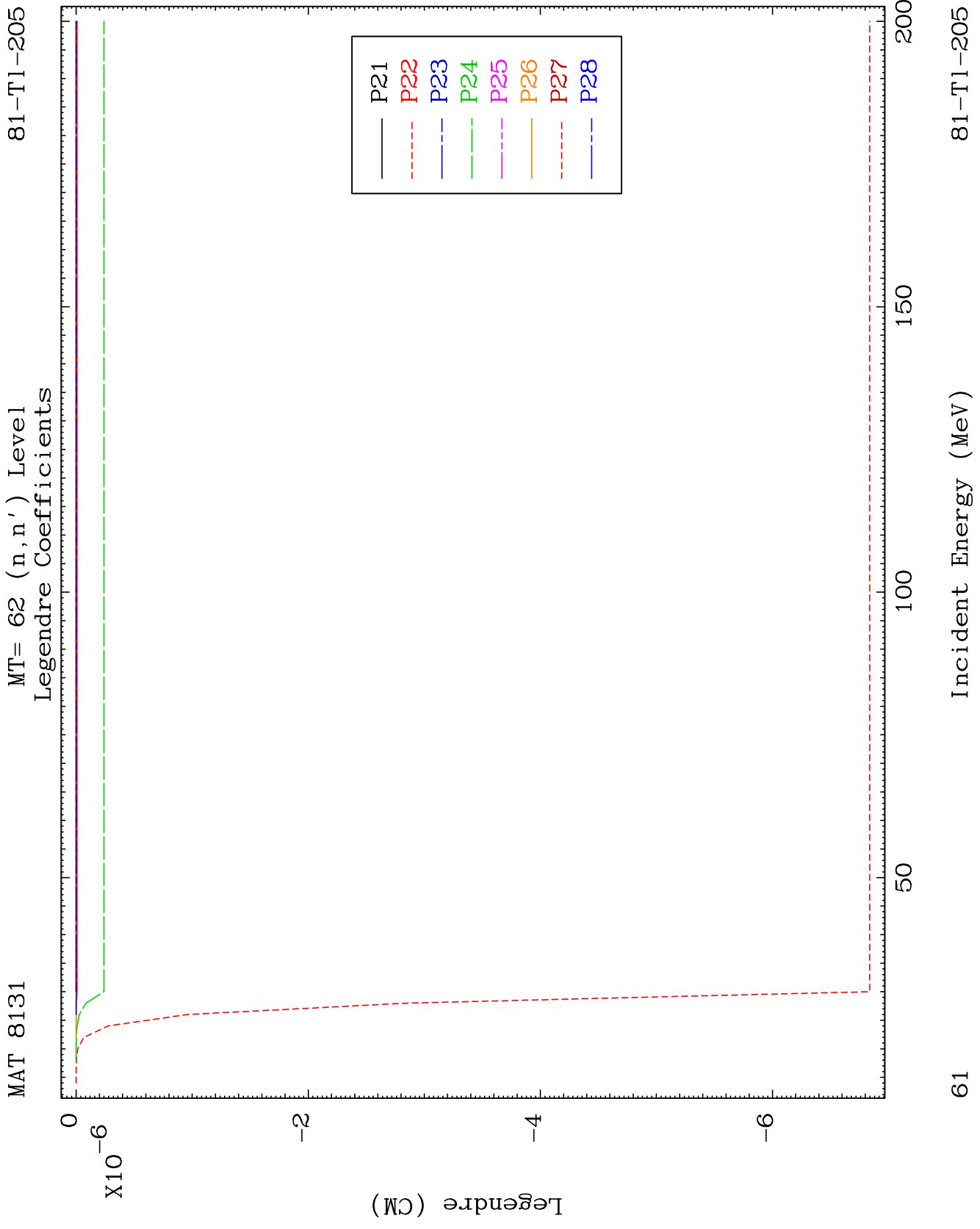


MAT 8131

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

81-T1-205

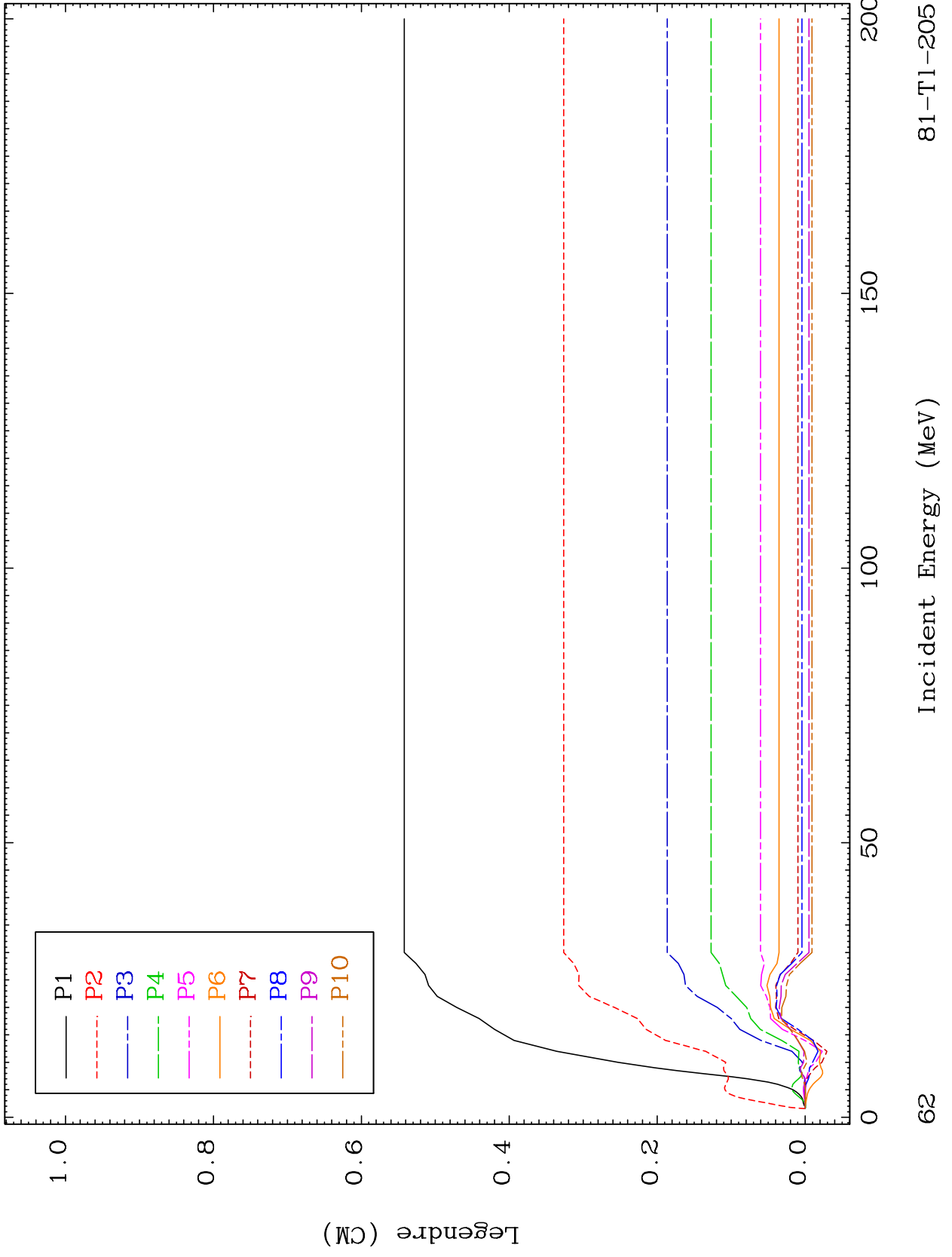




MAT 8131

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

81-T1-205

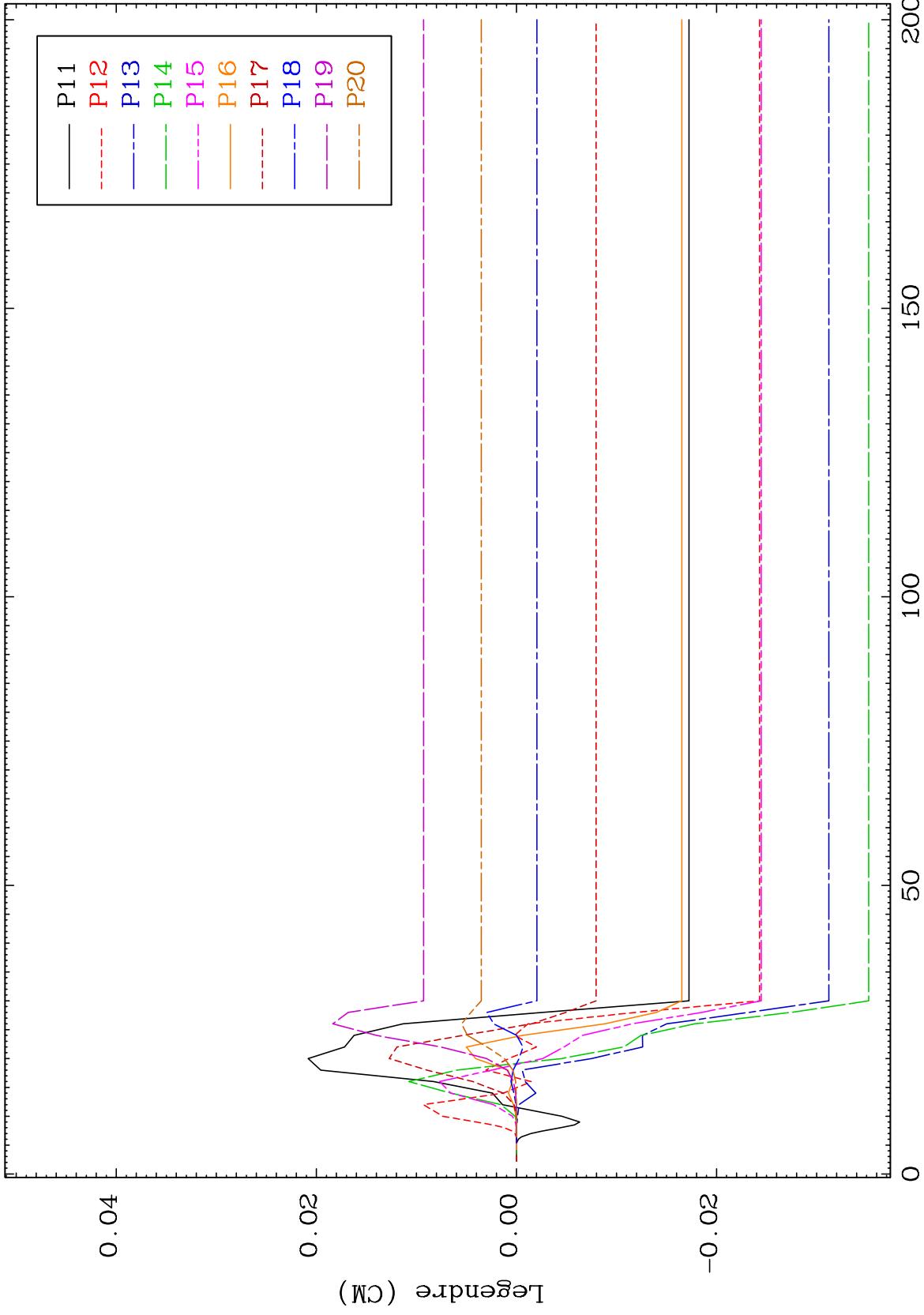


62

MAT 8131

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

81-T1-205



63

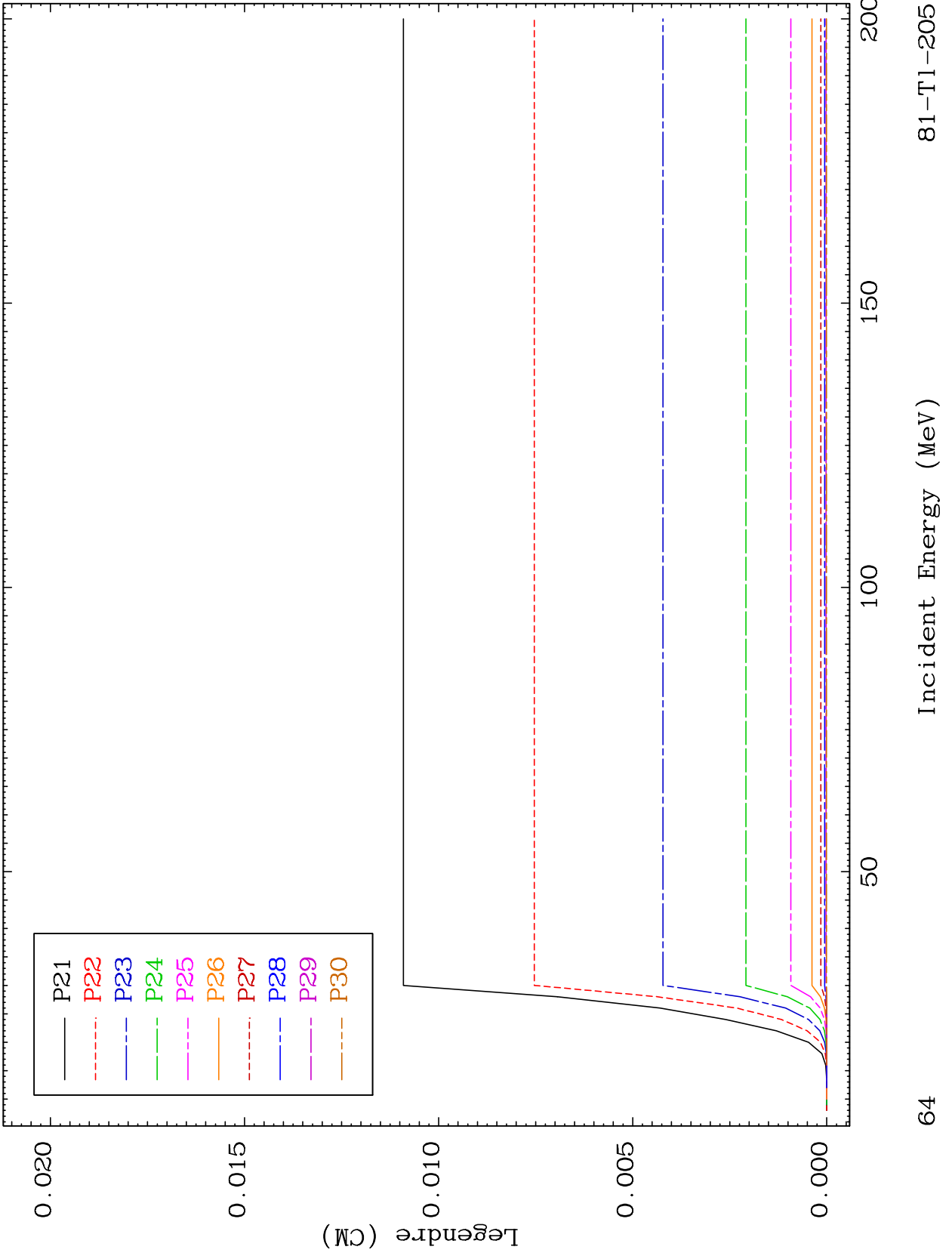
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



64

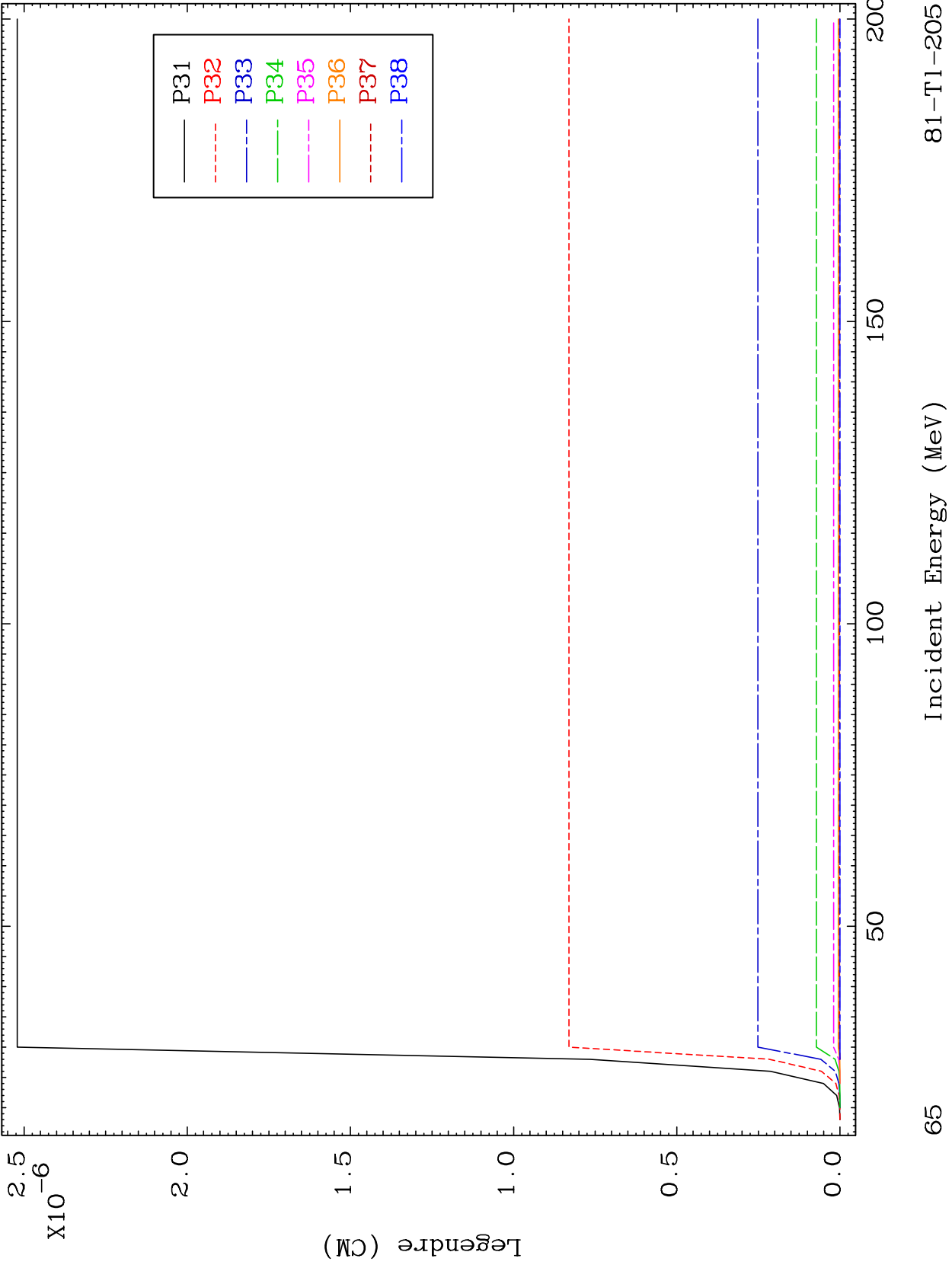
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



65

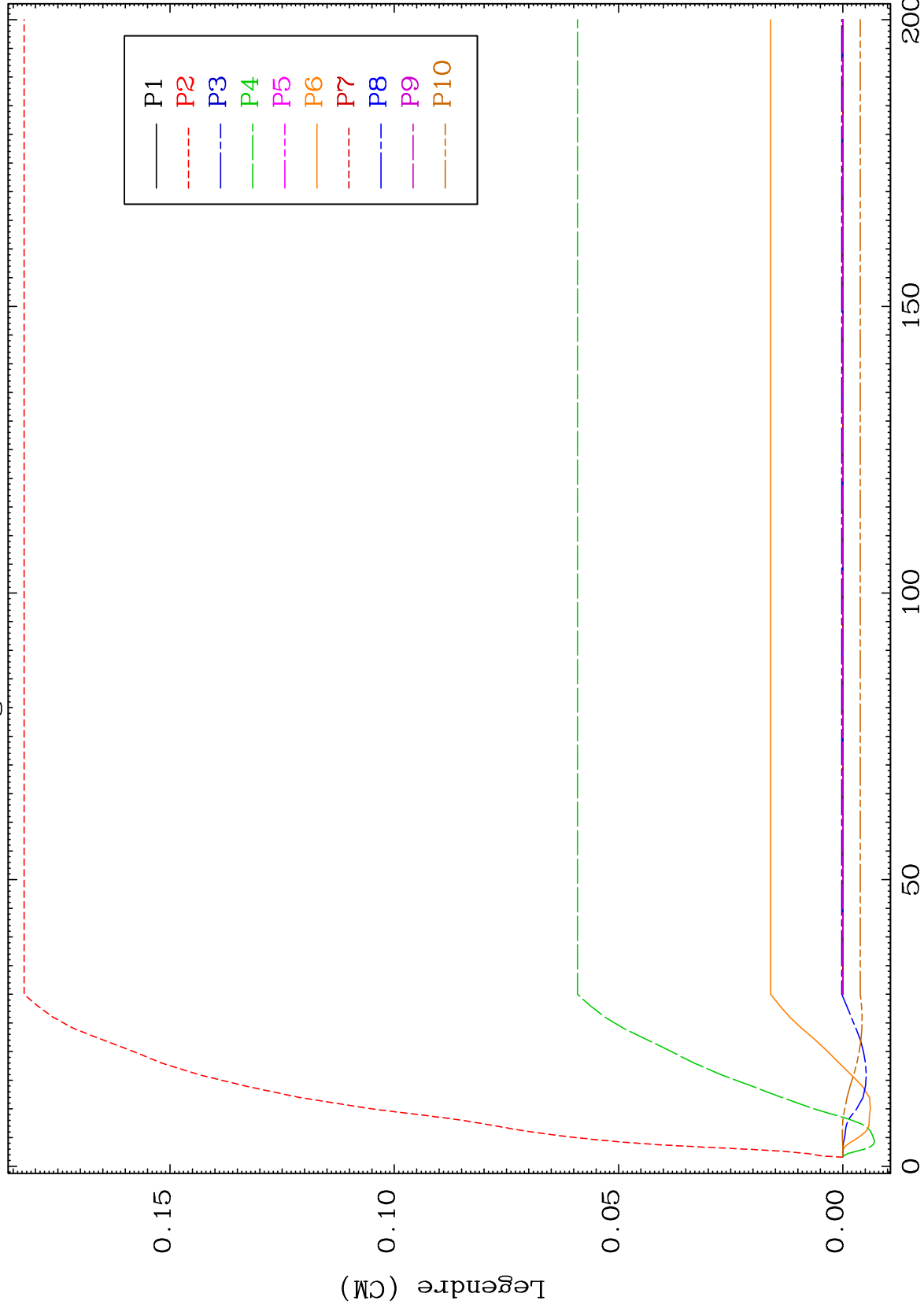
Incident Energy (MeV)

81-T1-205

MAT 8131

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

81-T1-205



81-T1-205

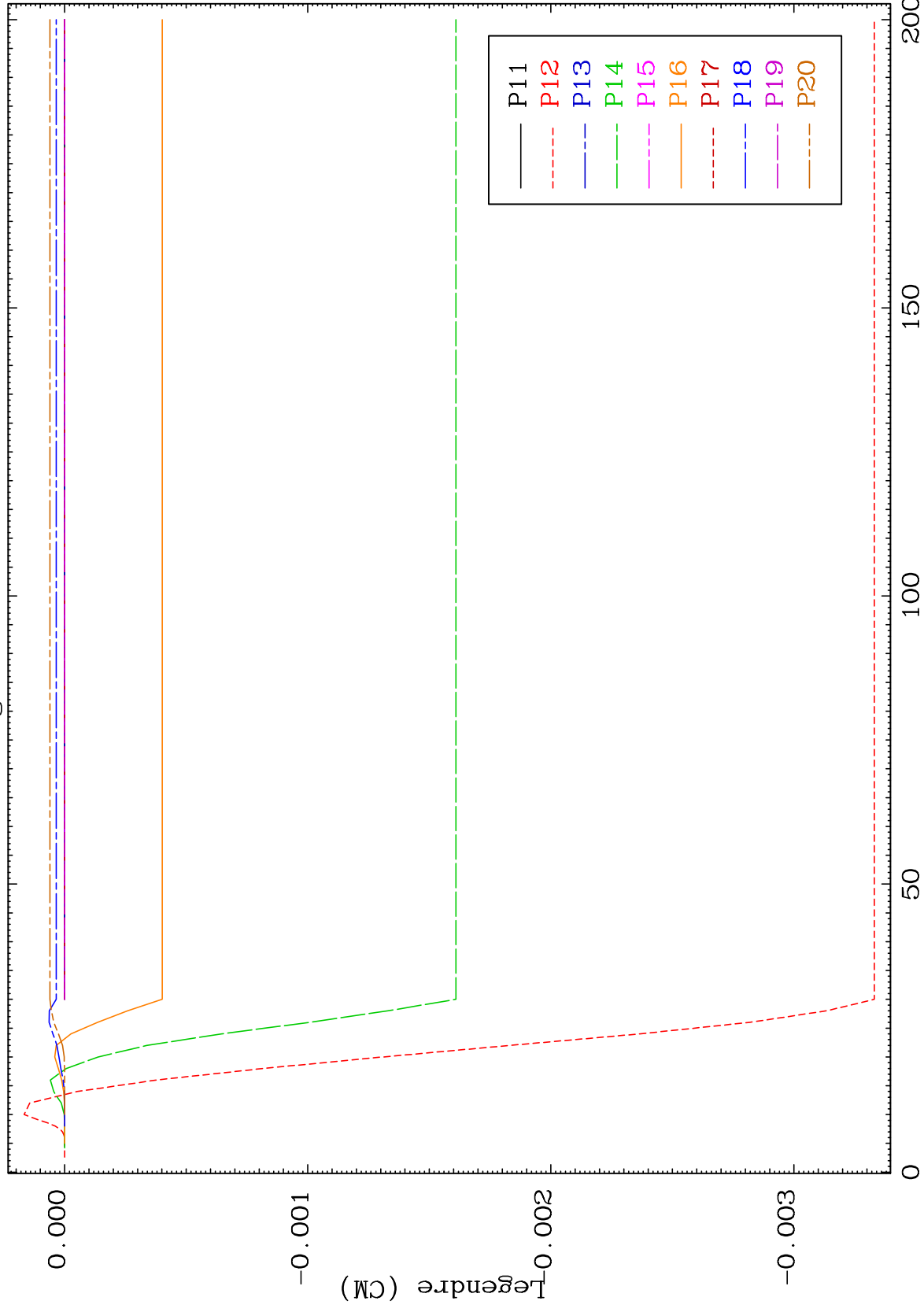
Incident Energy (MeV)

66

MAT 8131

81-T1-205

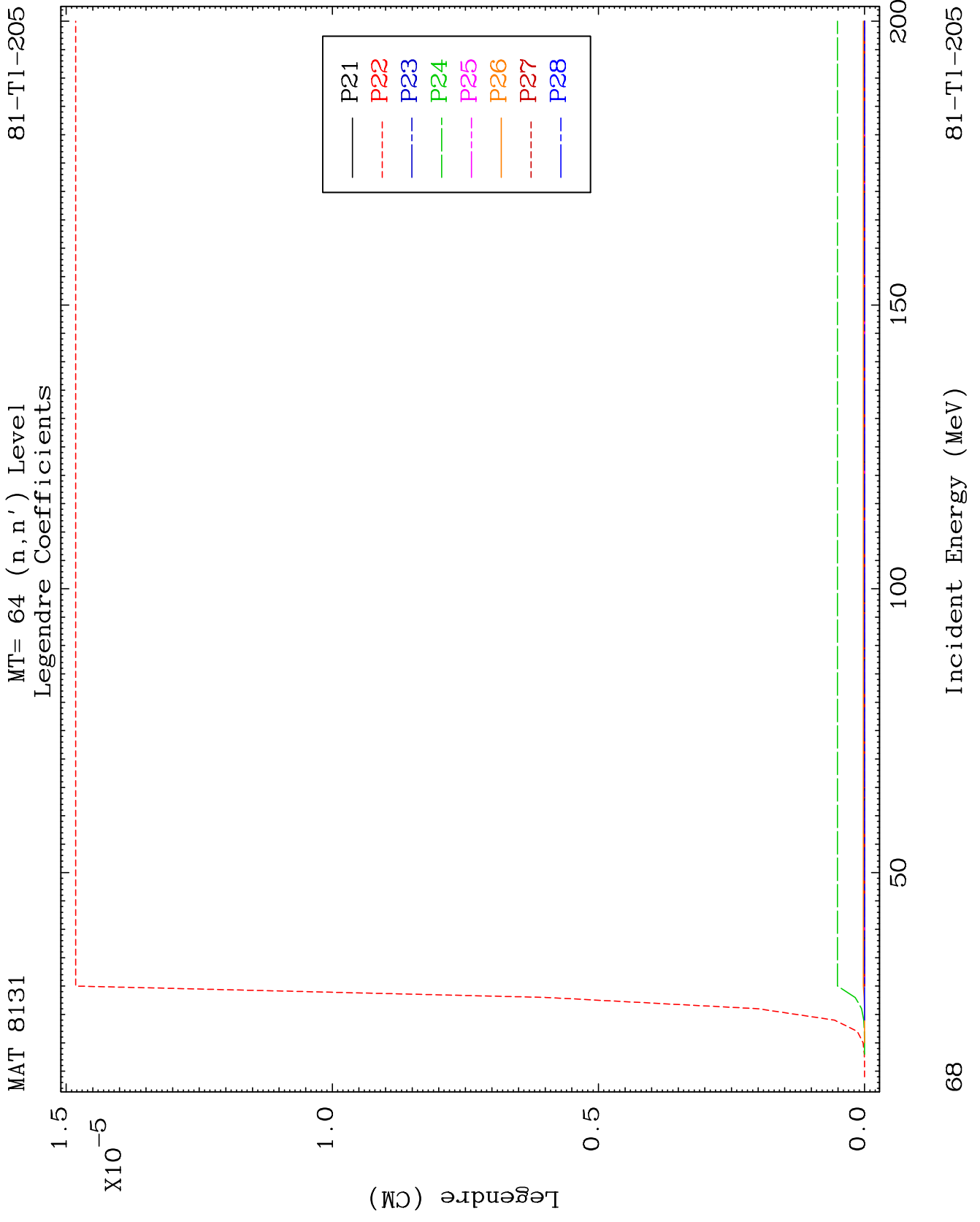
MT= 64 (n,n') Level  
Legendre Coefficients



67

Incident Energy (MeV)

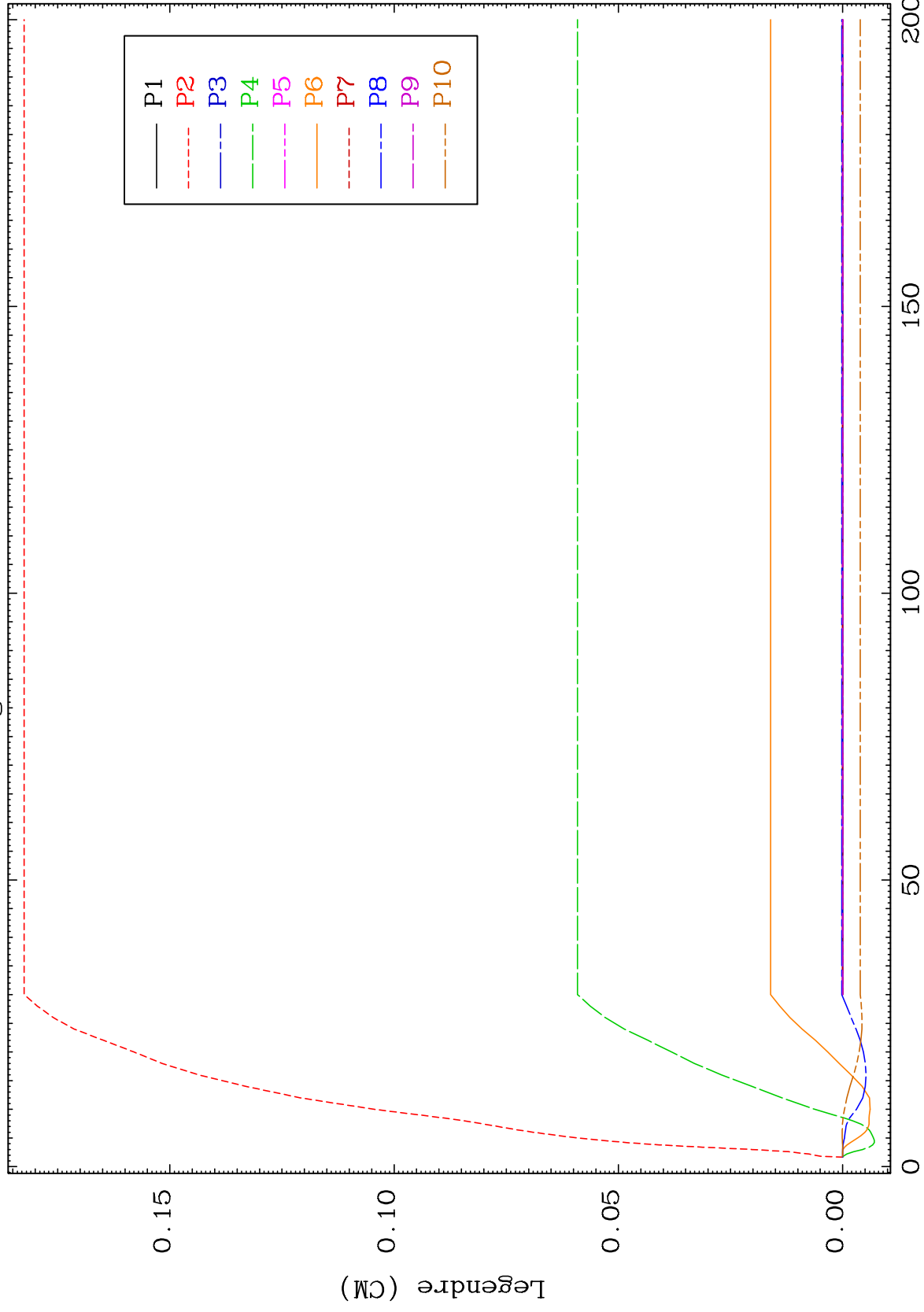
81-T1-205



MAT 8131

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

81-T1-205



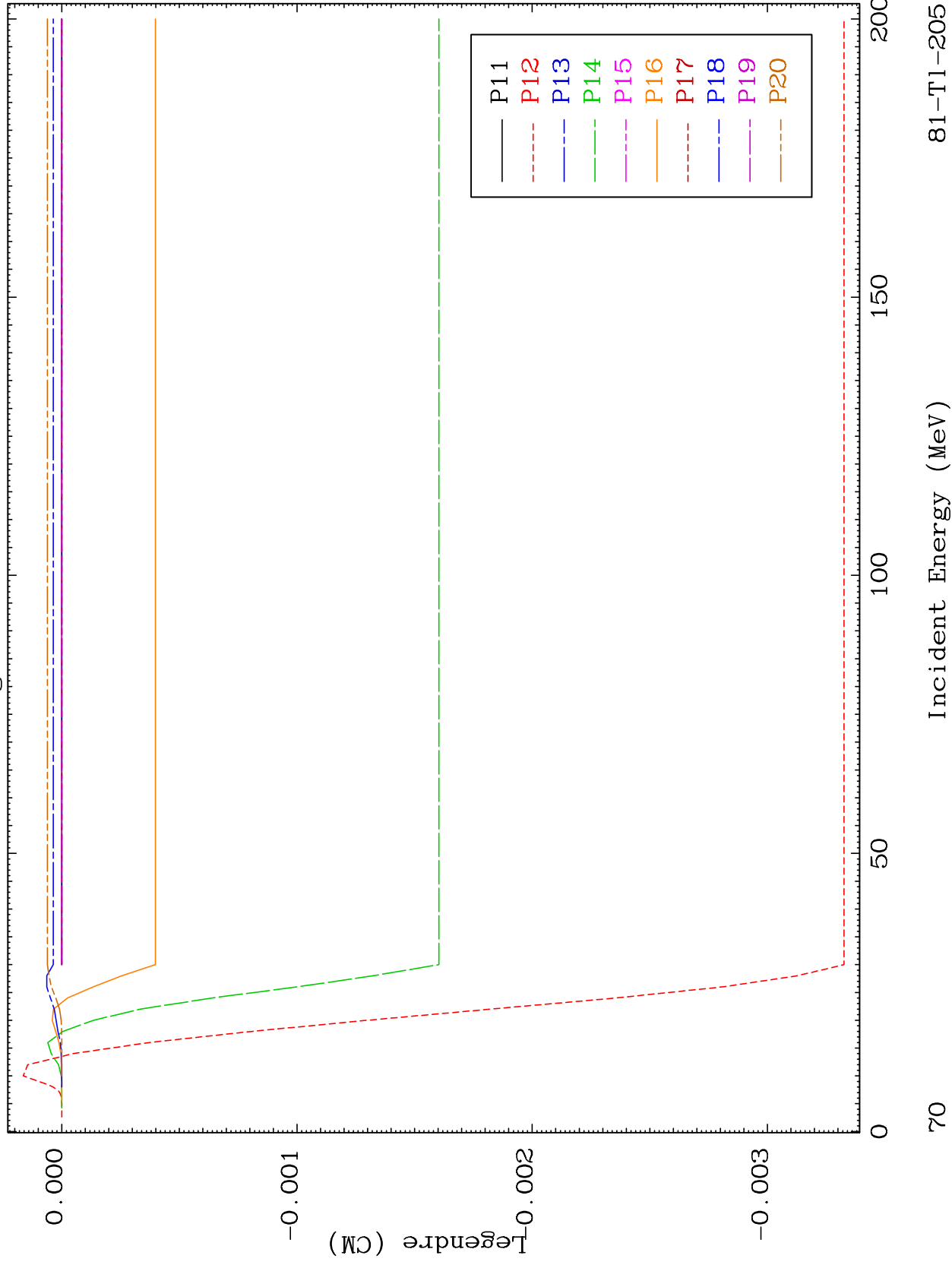
69

81-T1-205

MAT 8131

81-T1-205

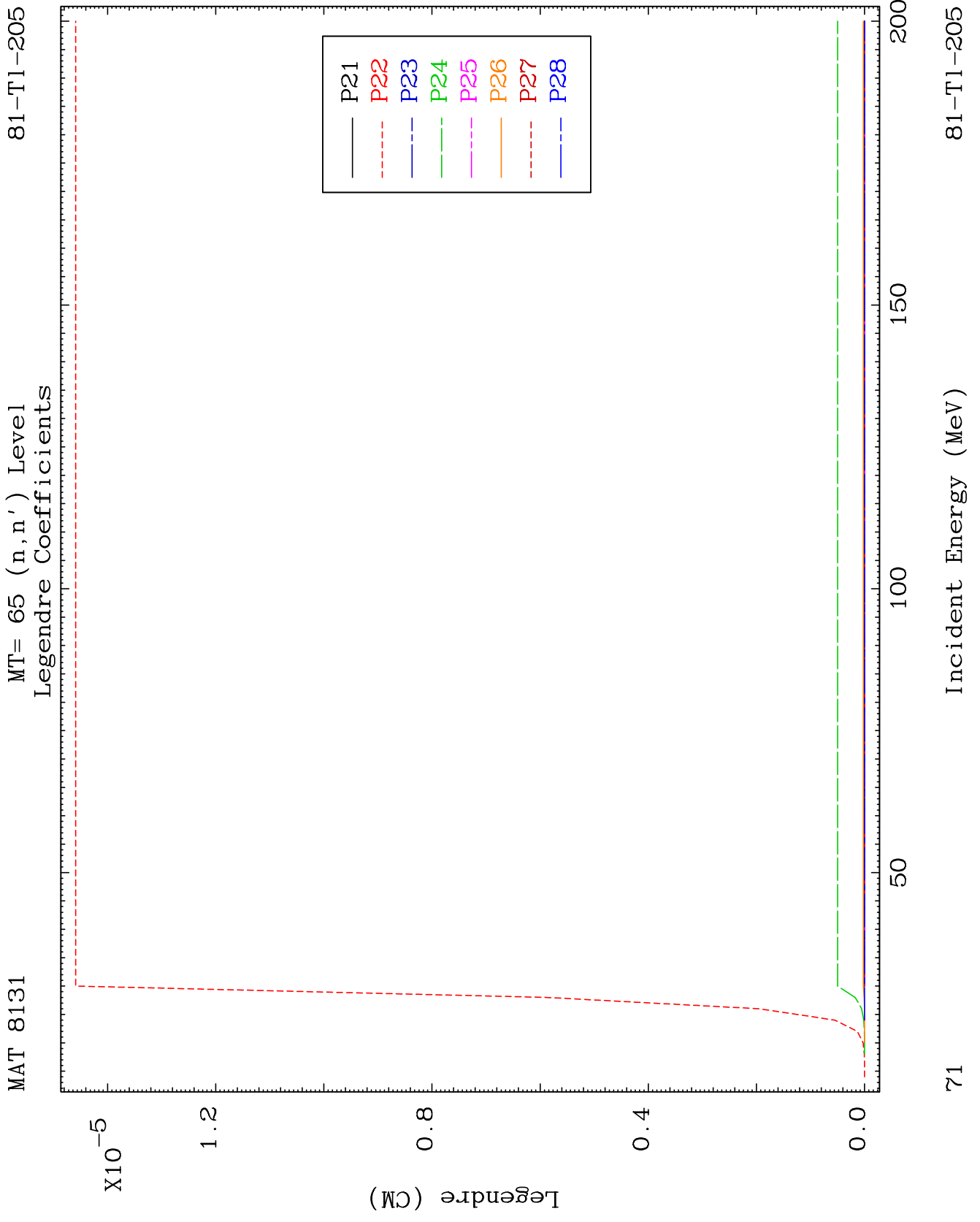
MT= 65 (n,n') Level  
Legendre Coefficients



81-T1-205

Incident Energy (MeV)

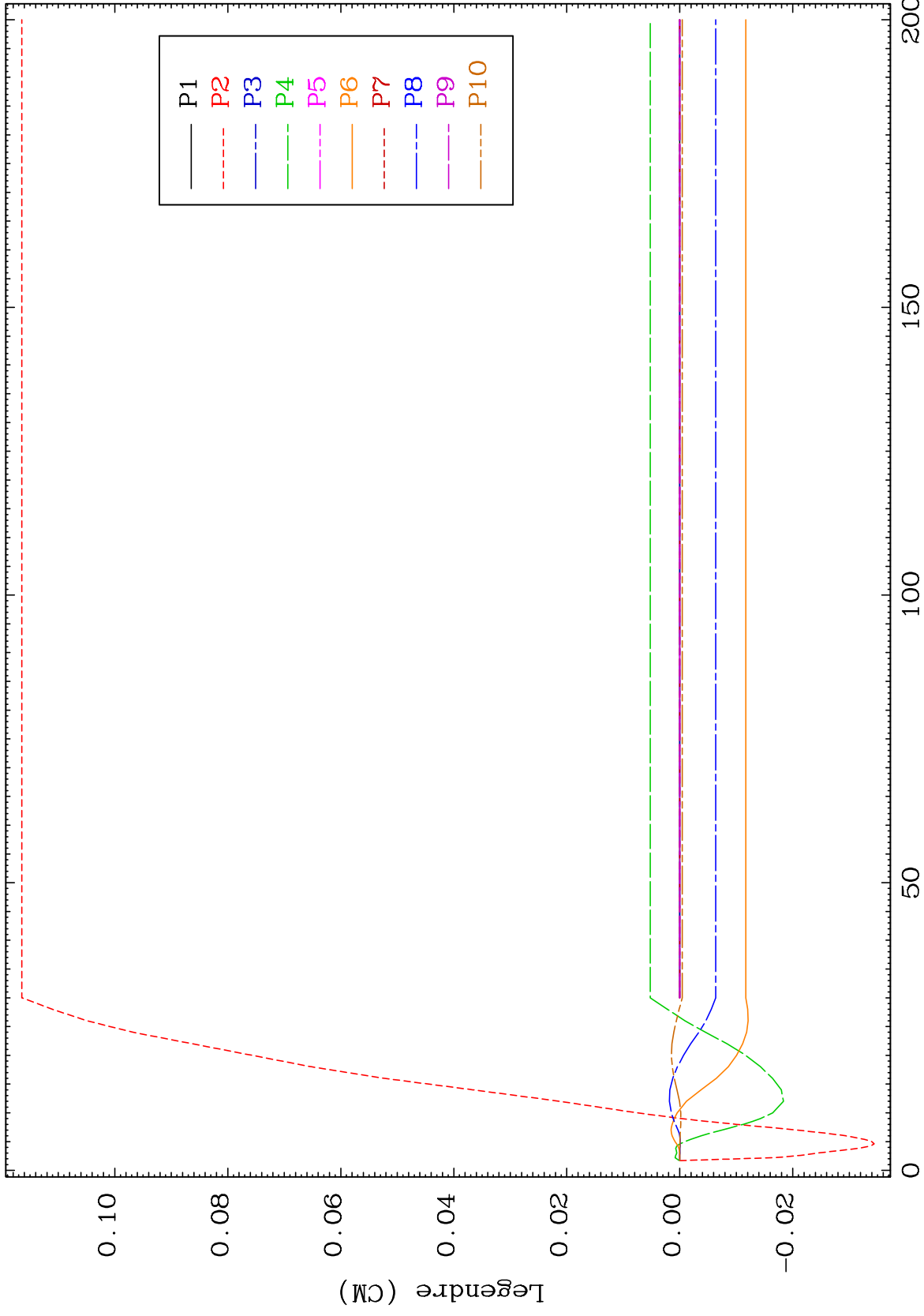
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MAT 8131

MT= 66 (n,n') Level  
Legendre Coefficients

81-T1-205



72

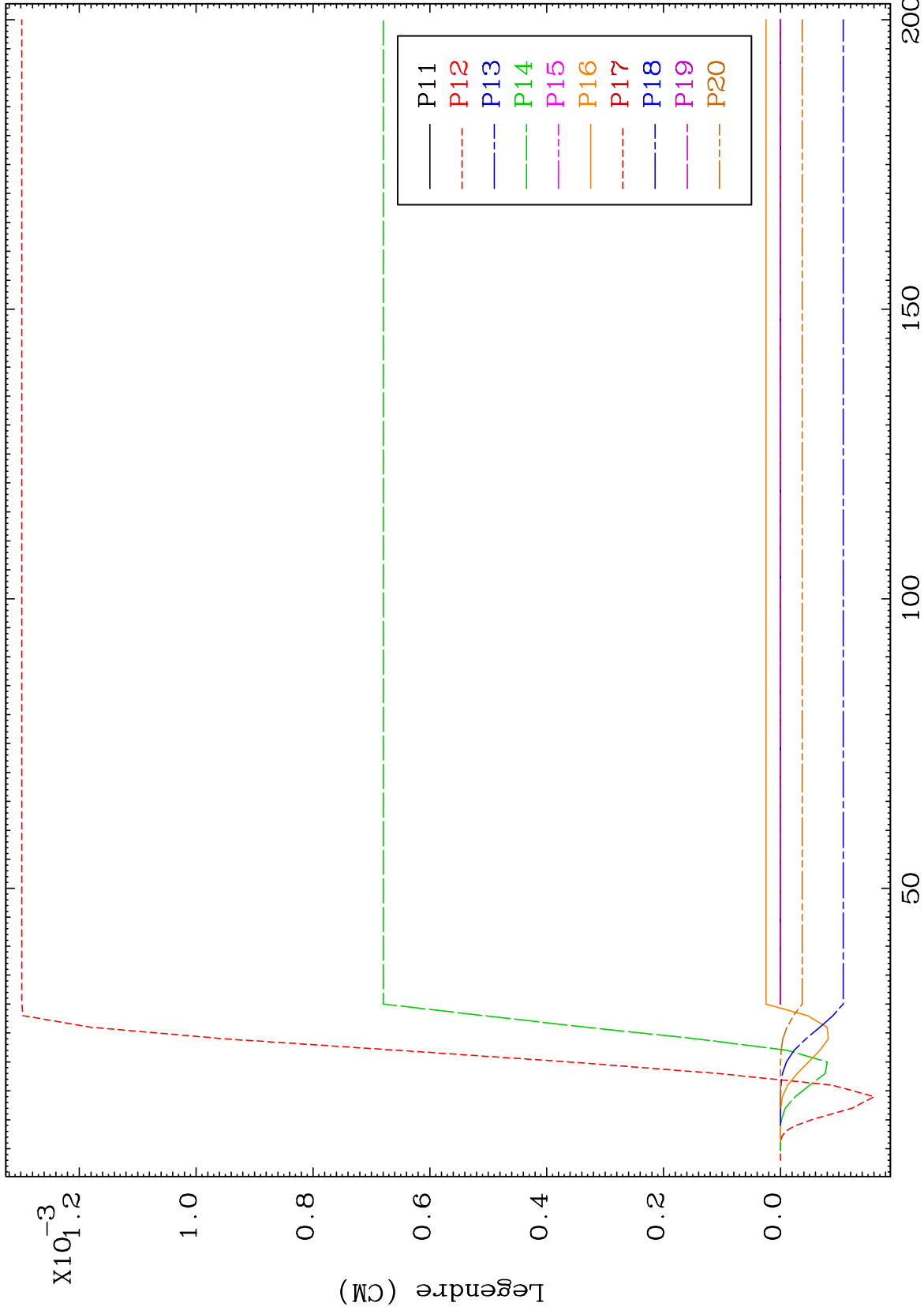
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 66 (n,n') Level  
Legendre Coefficients

81-T1-205



73

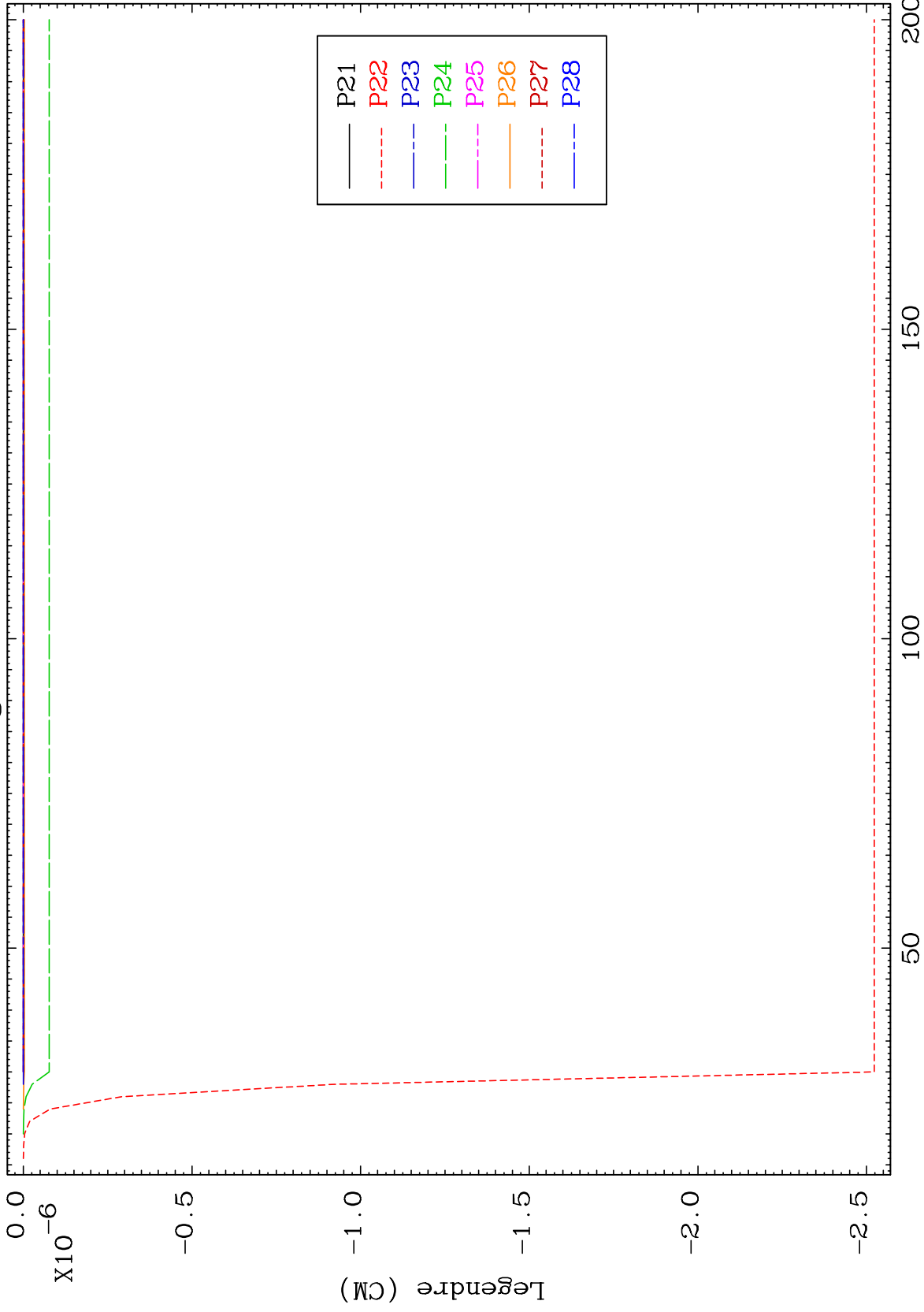
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 66 (n,n') Level  
Legendre Coefficients

81-T1-205



74

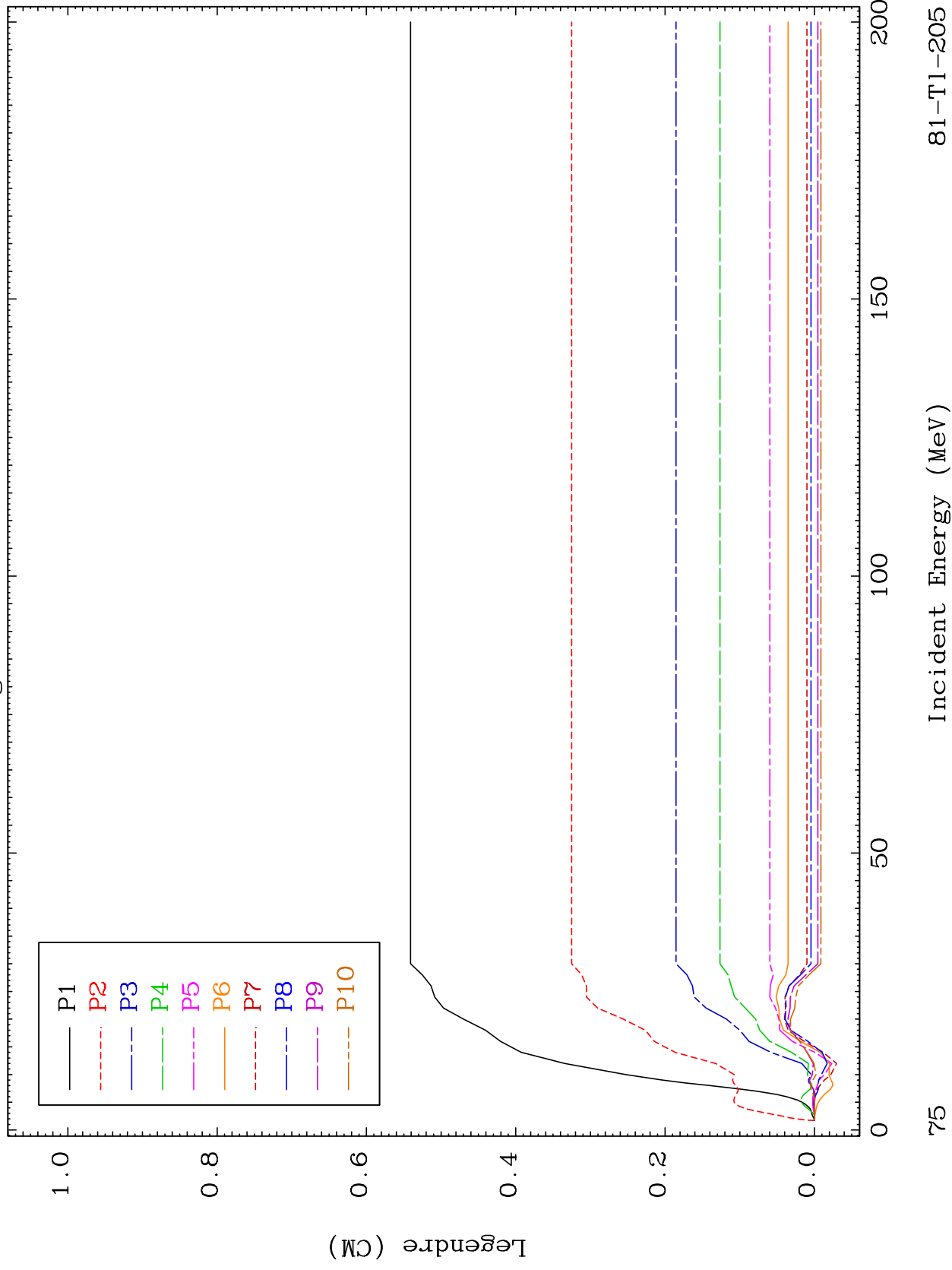
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 67 (n,n') Level  
Legendre Coefficients

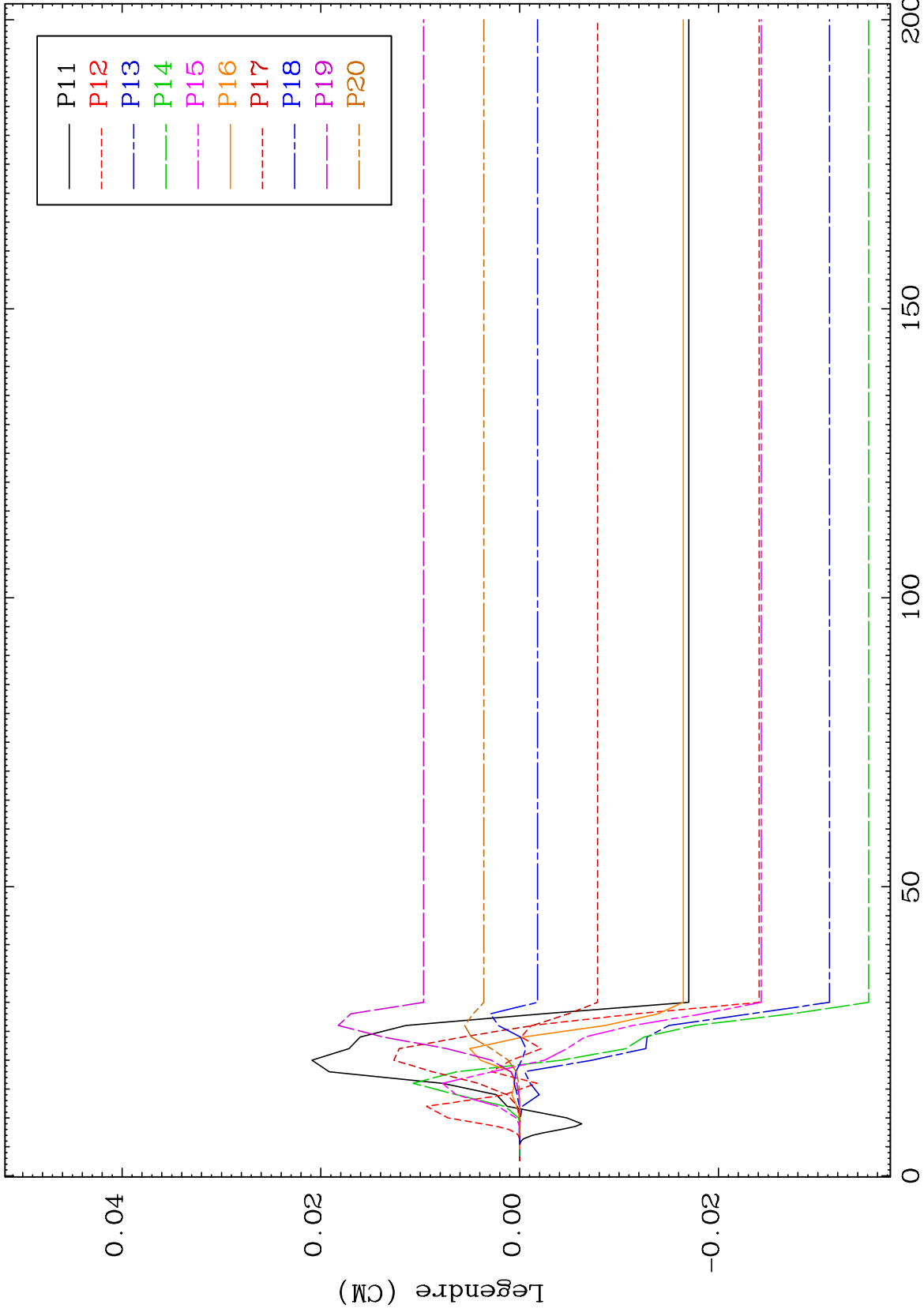
81-T1-205



MAT 8131

MT= 67 (n,n') Level  
Legendre Coefficients

81-T1-205



76

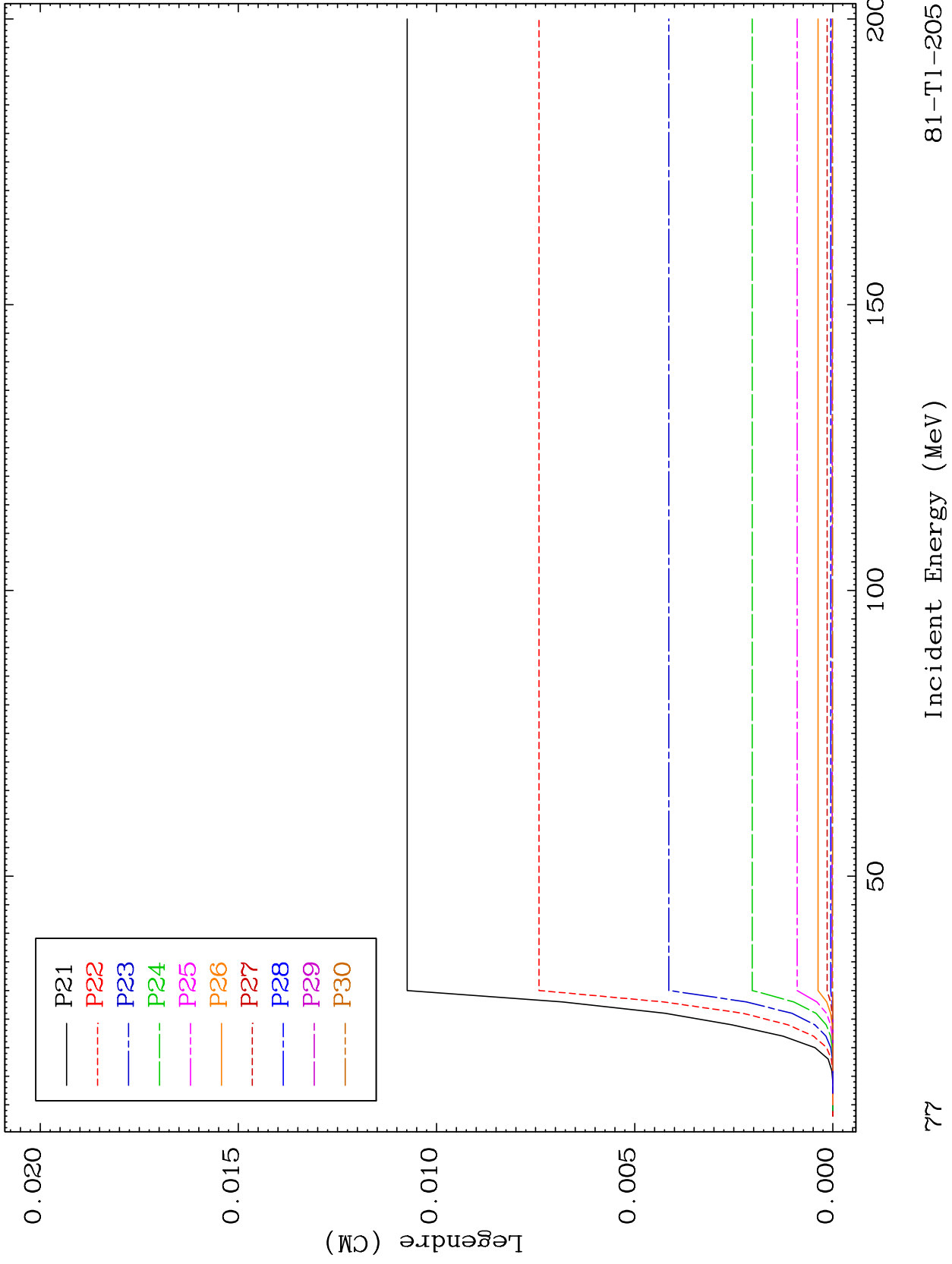
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 67 (n,n') Level  
Legendre Coefficients

81-T1-205



77

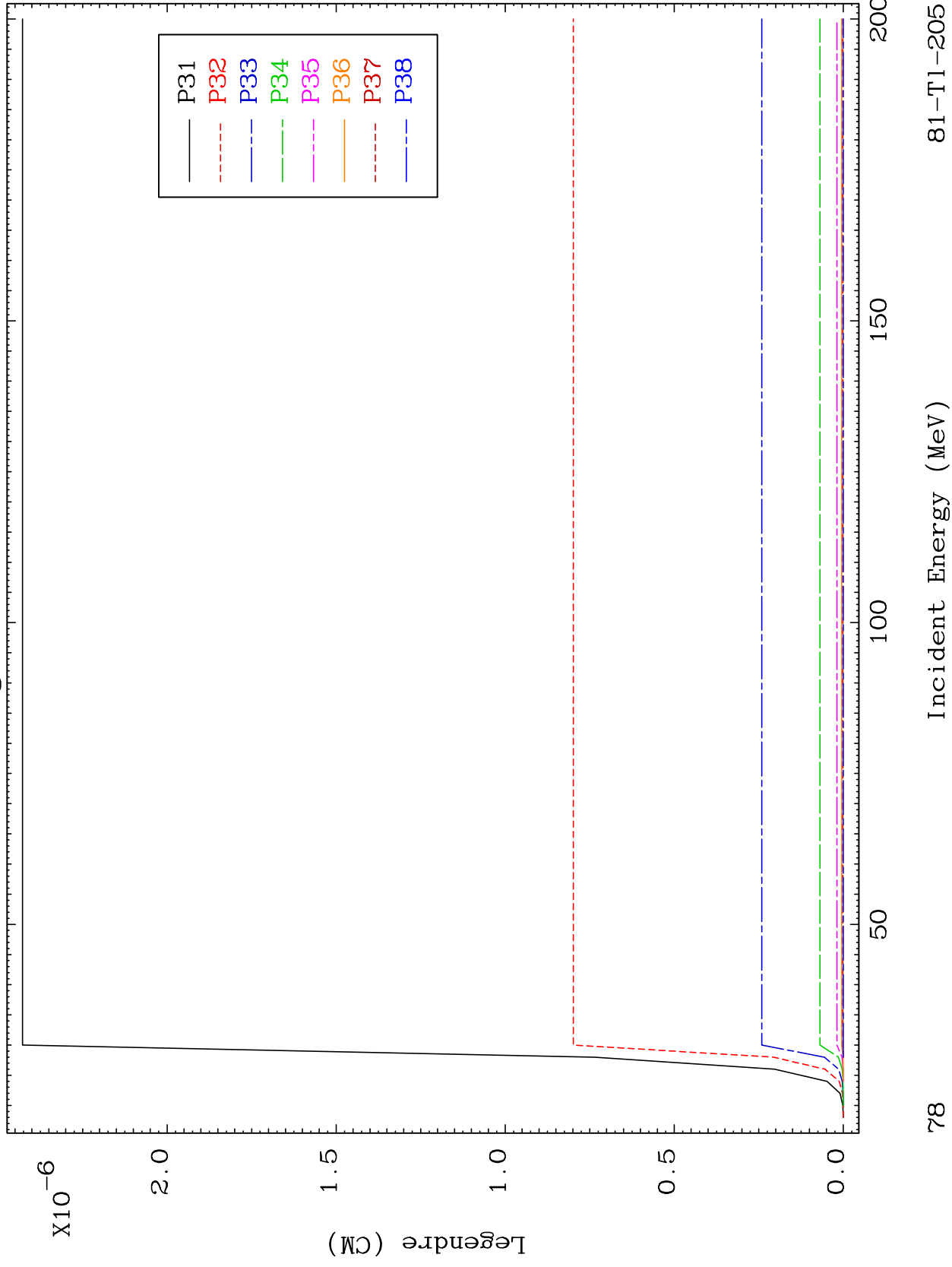
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 67 (n,n') Level  
Legendre Coefficients

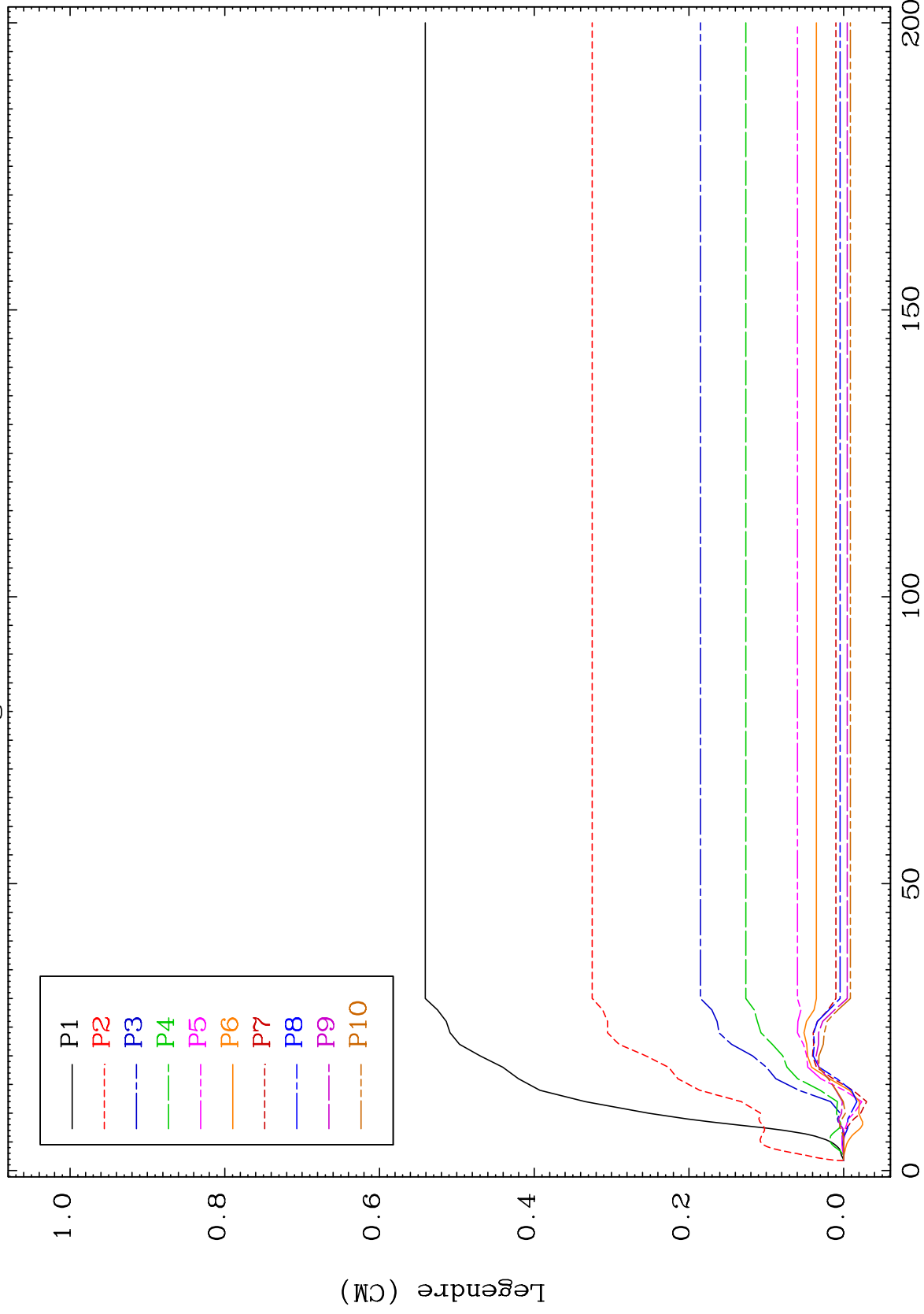
81-T1-205



78

Incident Energy (MeV)

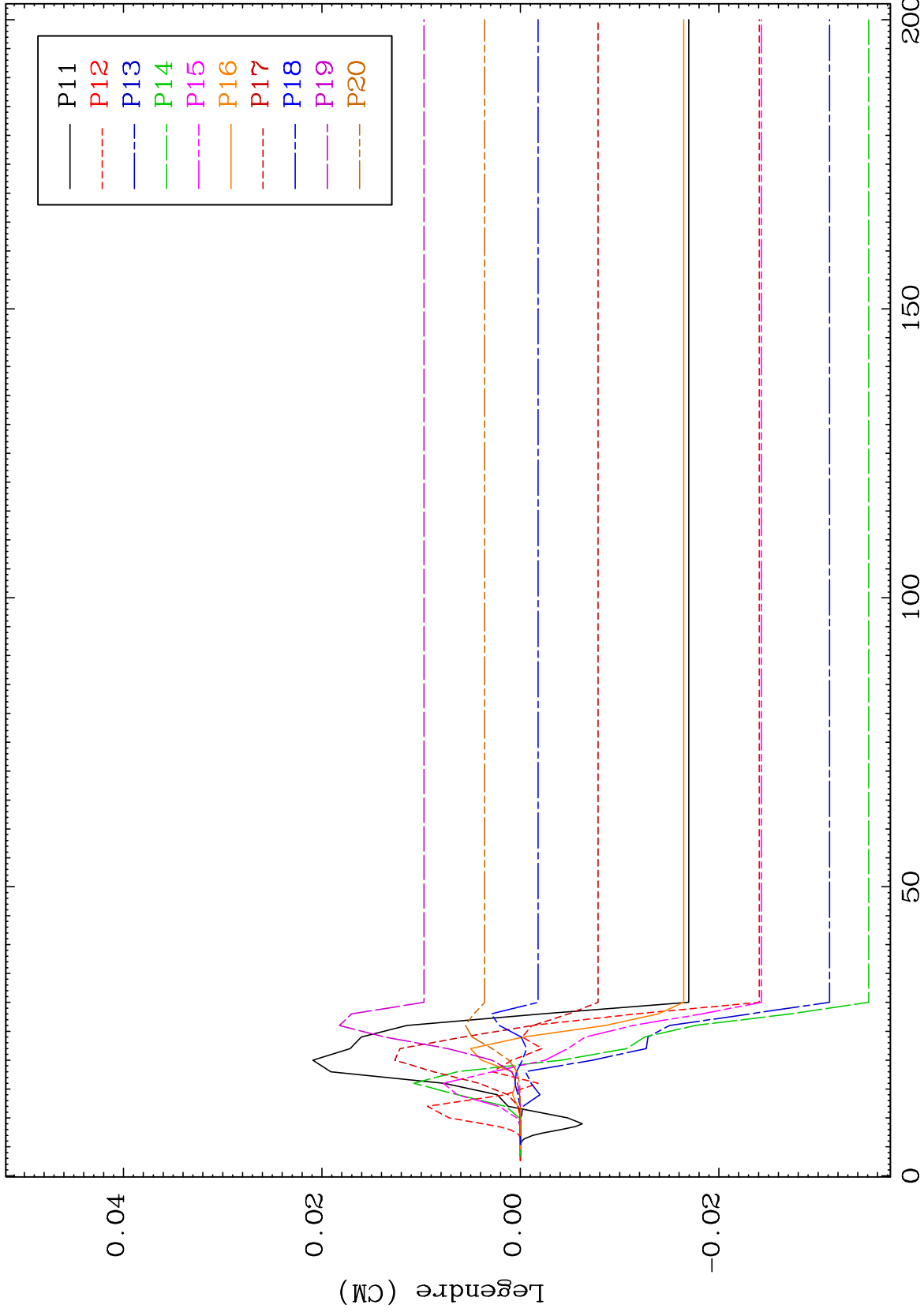
81-T1-205



MAT 8131

MT= 68 (n,n') Level  
Legendre Coefficients

81-T1-205



80

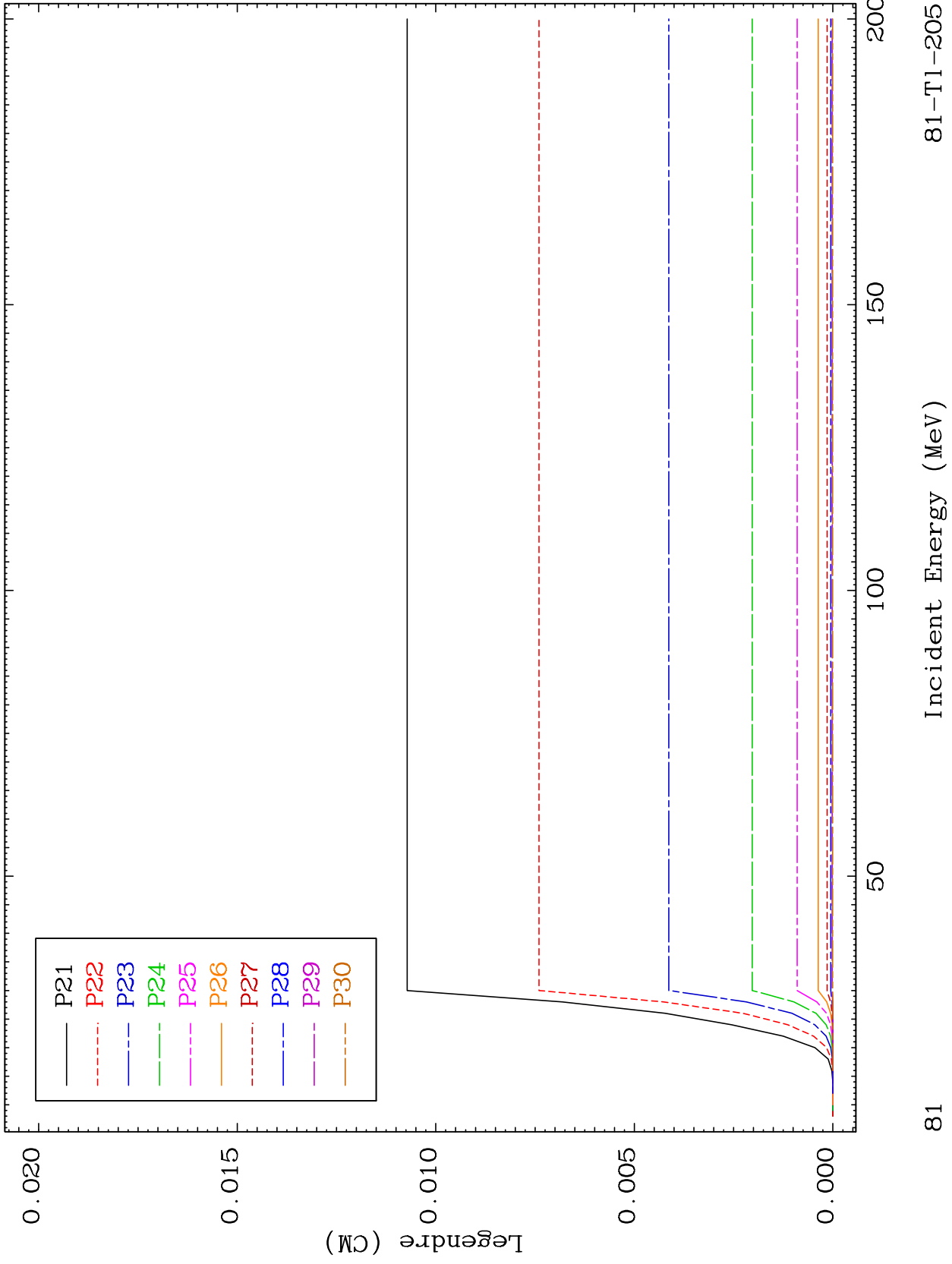
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 68 (n,n') Level  
Legendre Coefficients

81-T1-205



81

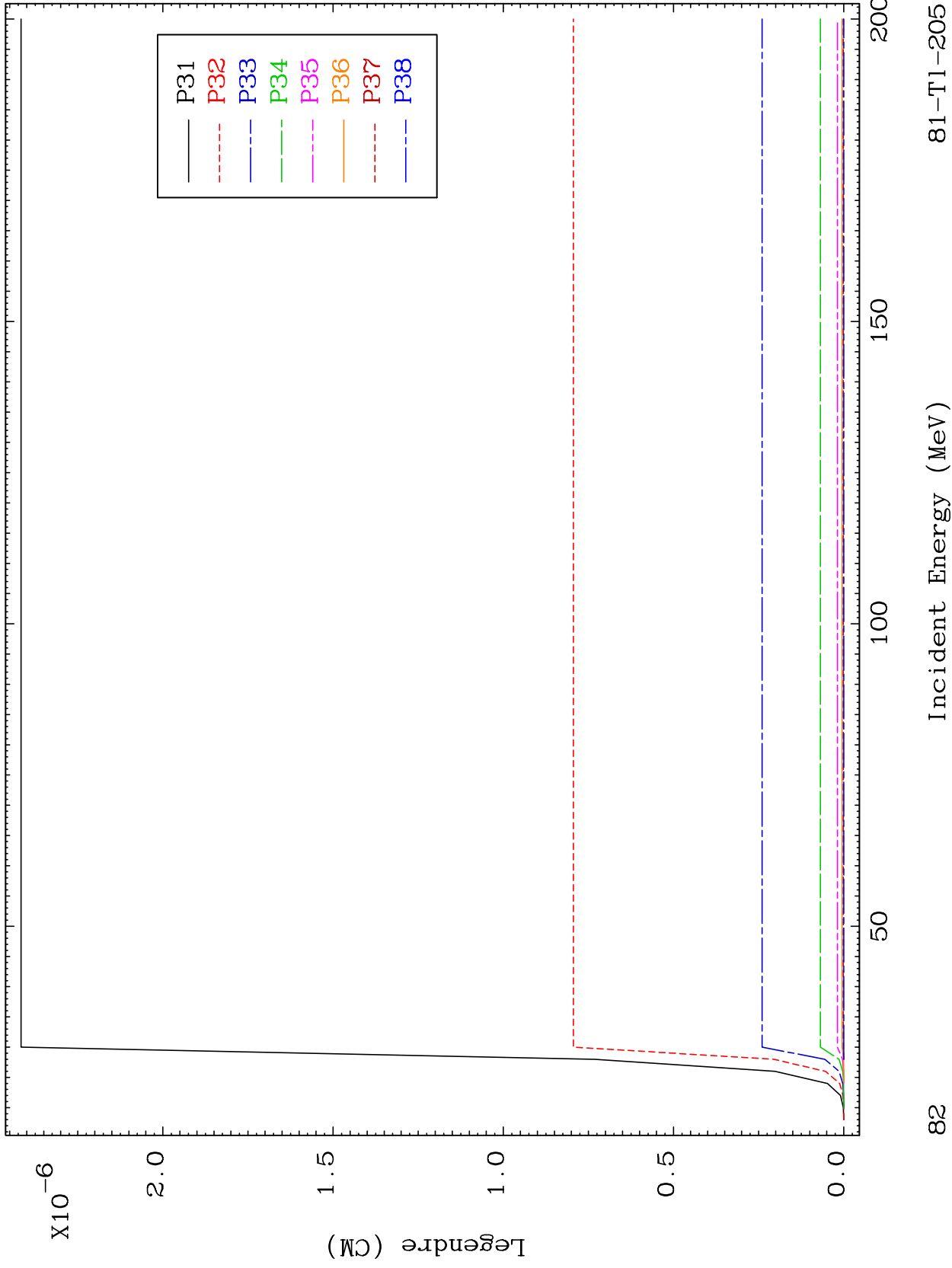
Incident Energy (MeV)

81-T1-205

MAT 8131

81-T1-205

MT= 68 (n,n') Level  
Legendre Coefficients



82

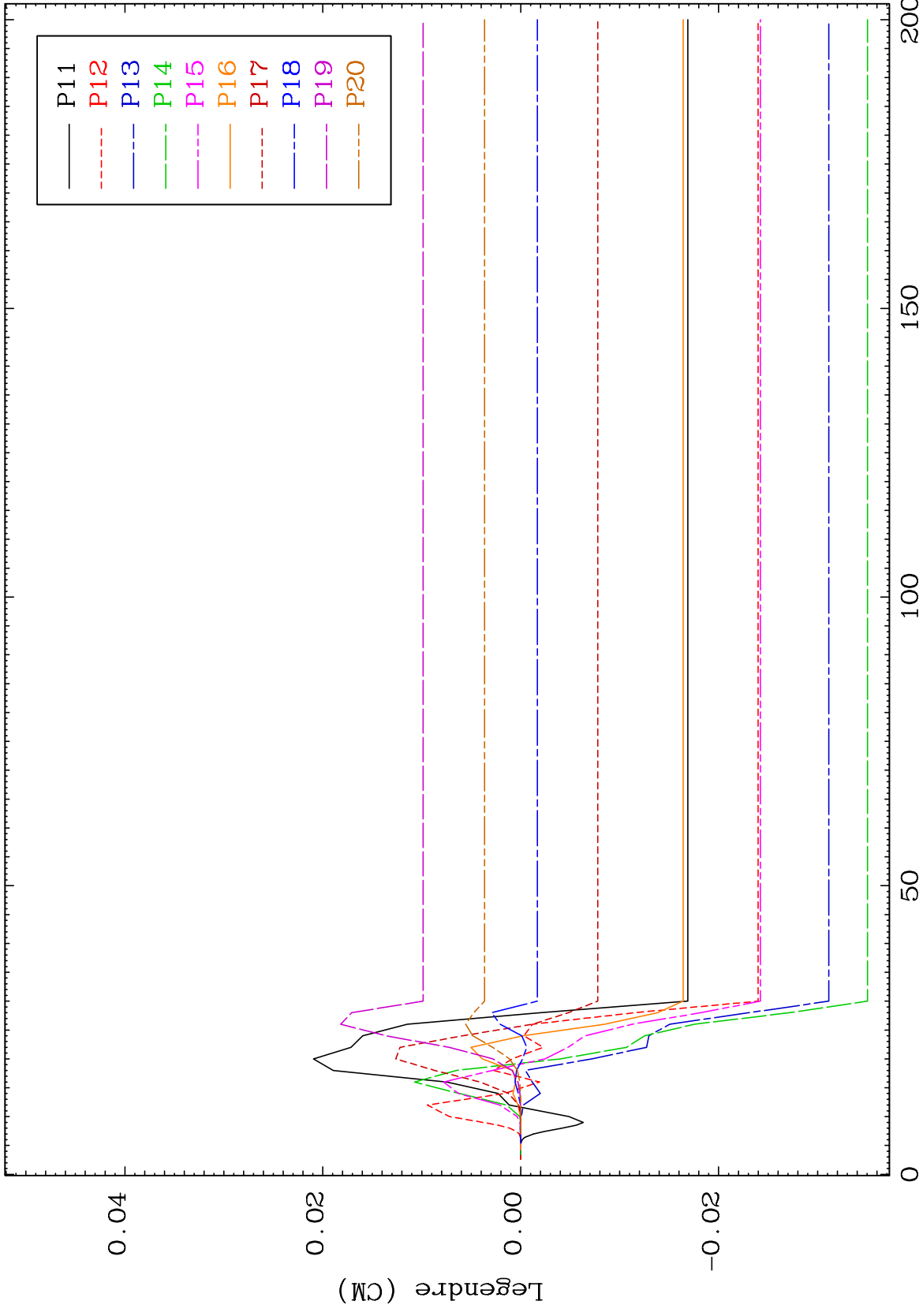
81-T1-205



MAT 8131

MT= 69 (n,n') Level  
Legendre Coefficients

81-T1-205



84

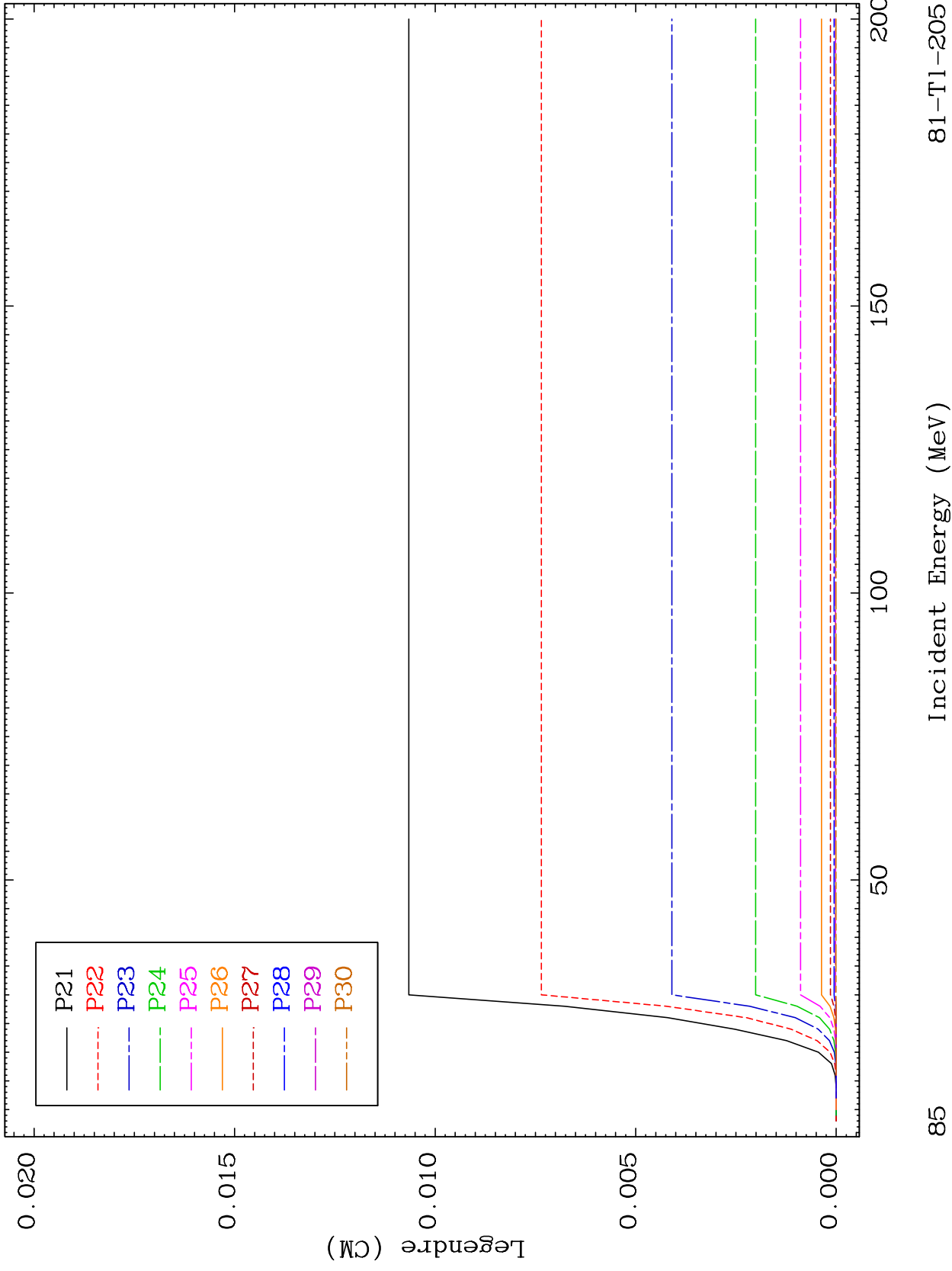
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 69 (n,n') Level  
Legendre Coefficients

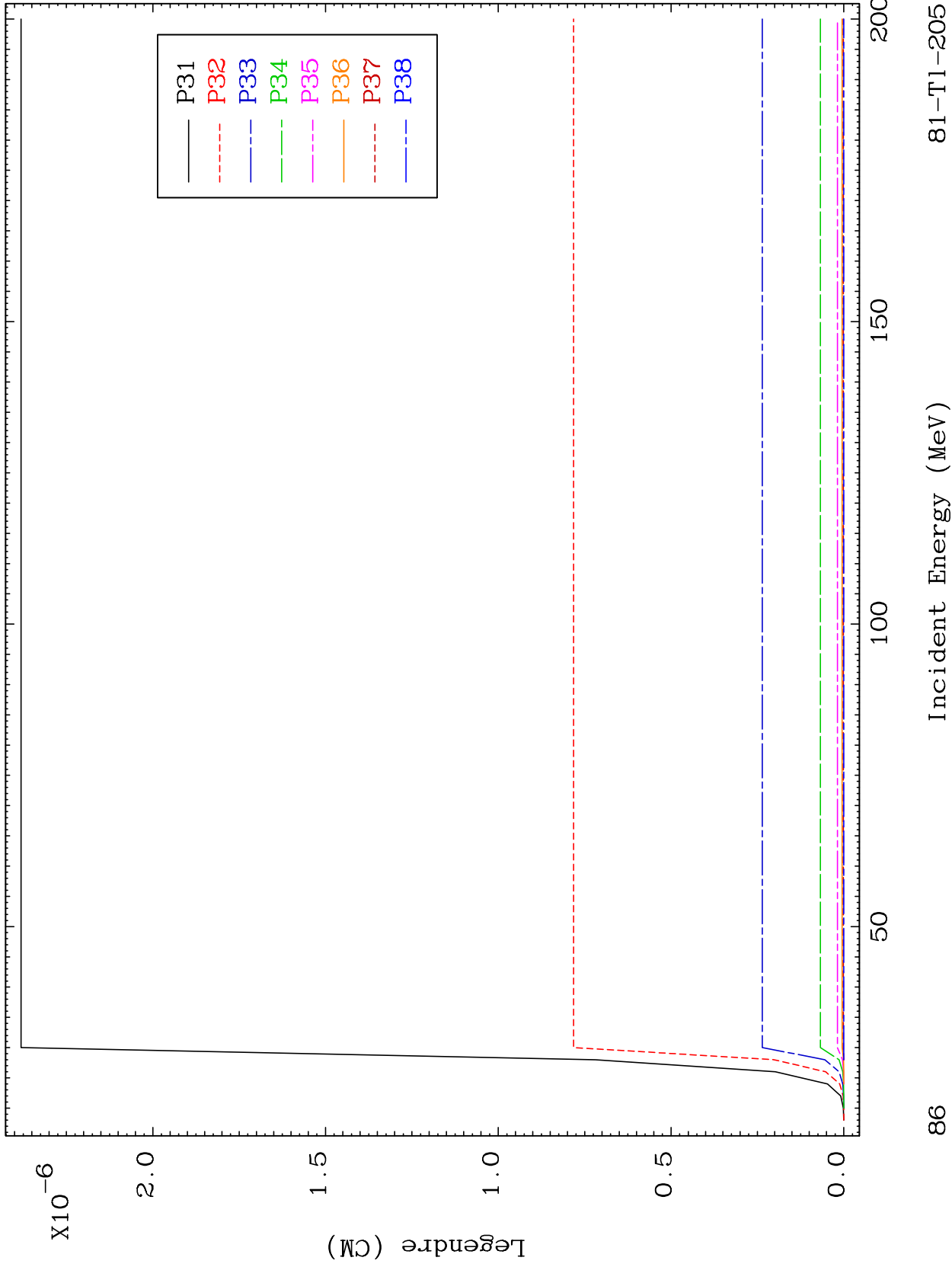
81-Tl-205



85

Incident Energy (MeV)

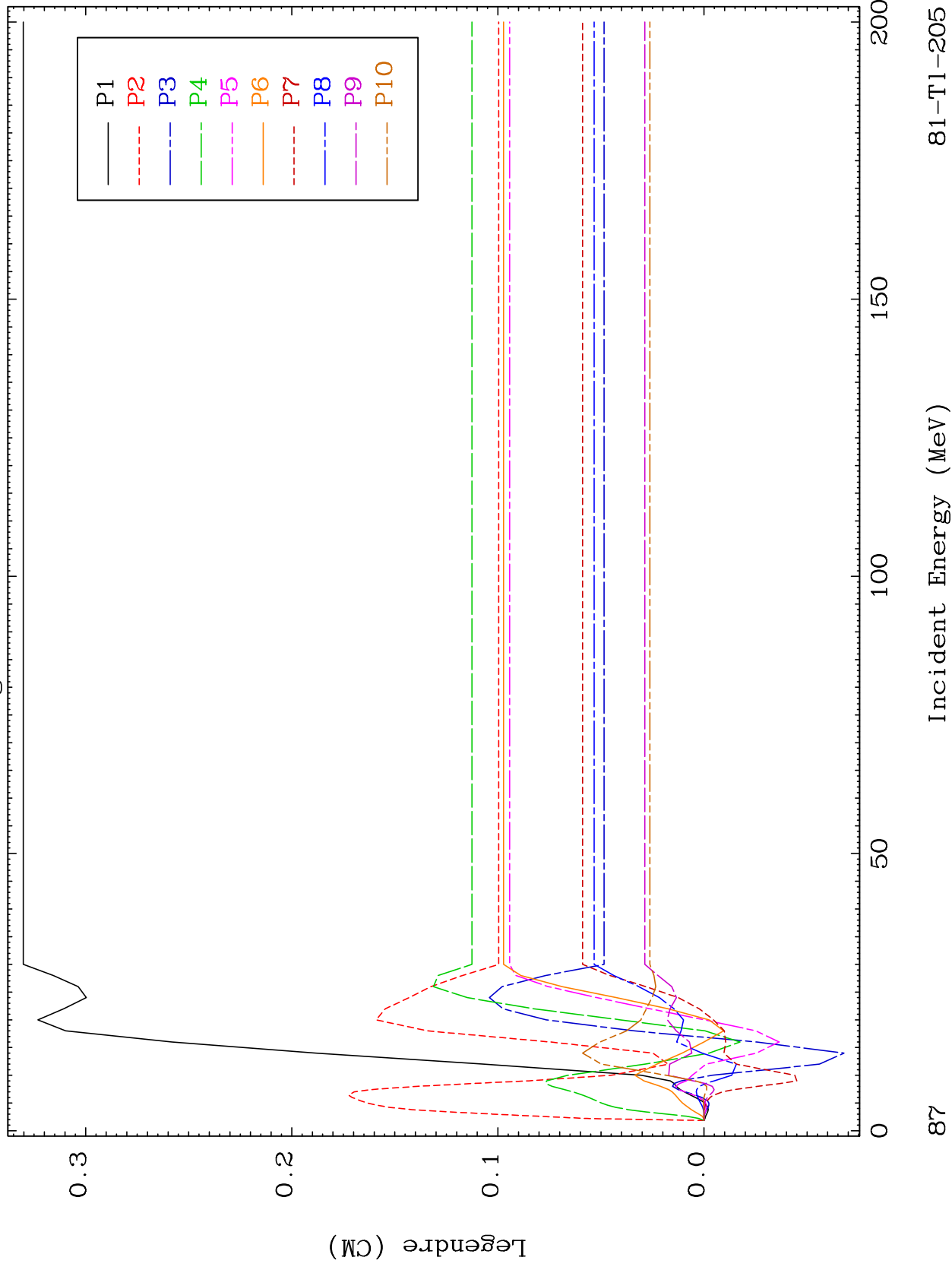
81-Tl-205



MAT 8131

MT= 70 (n,n') Level  
Legendre Coefficients

81-T1-205

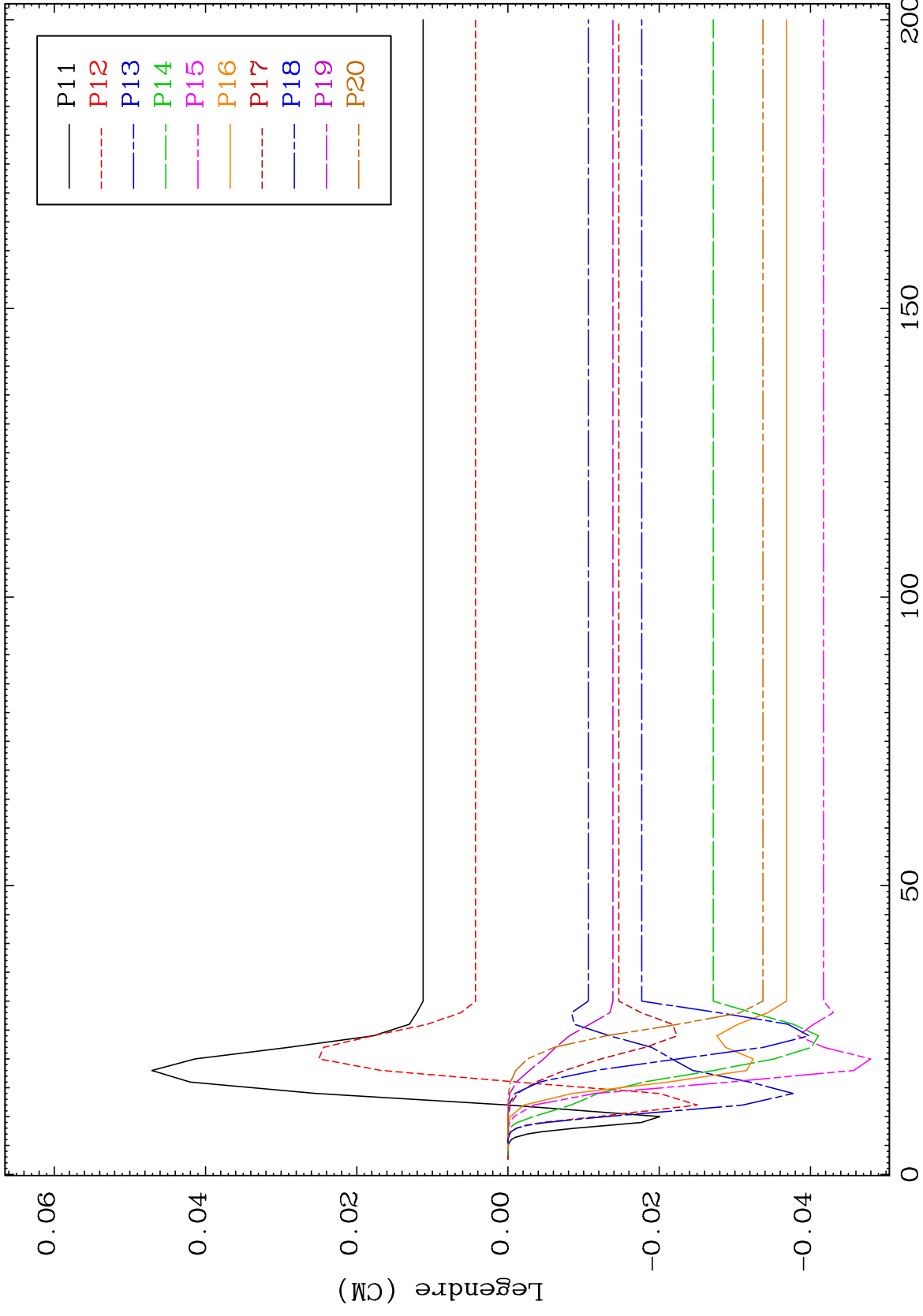


81-T1-205

MAT 8131

MT= 70 (n,n') Level  
Legendre Coefficients

81-T1-205



88

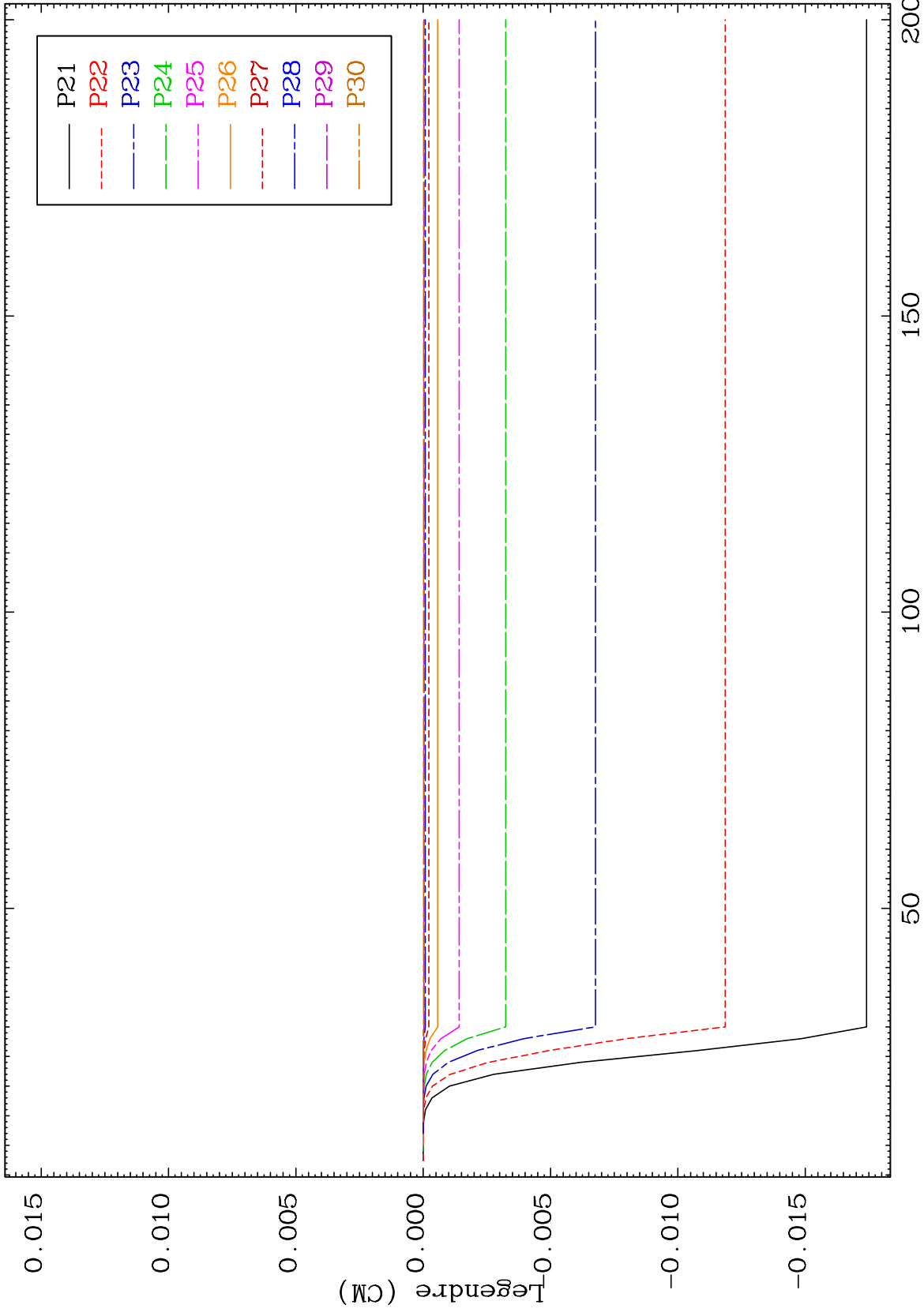
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 70 (n,n') Level  
Legendre Coefficients

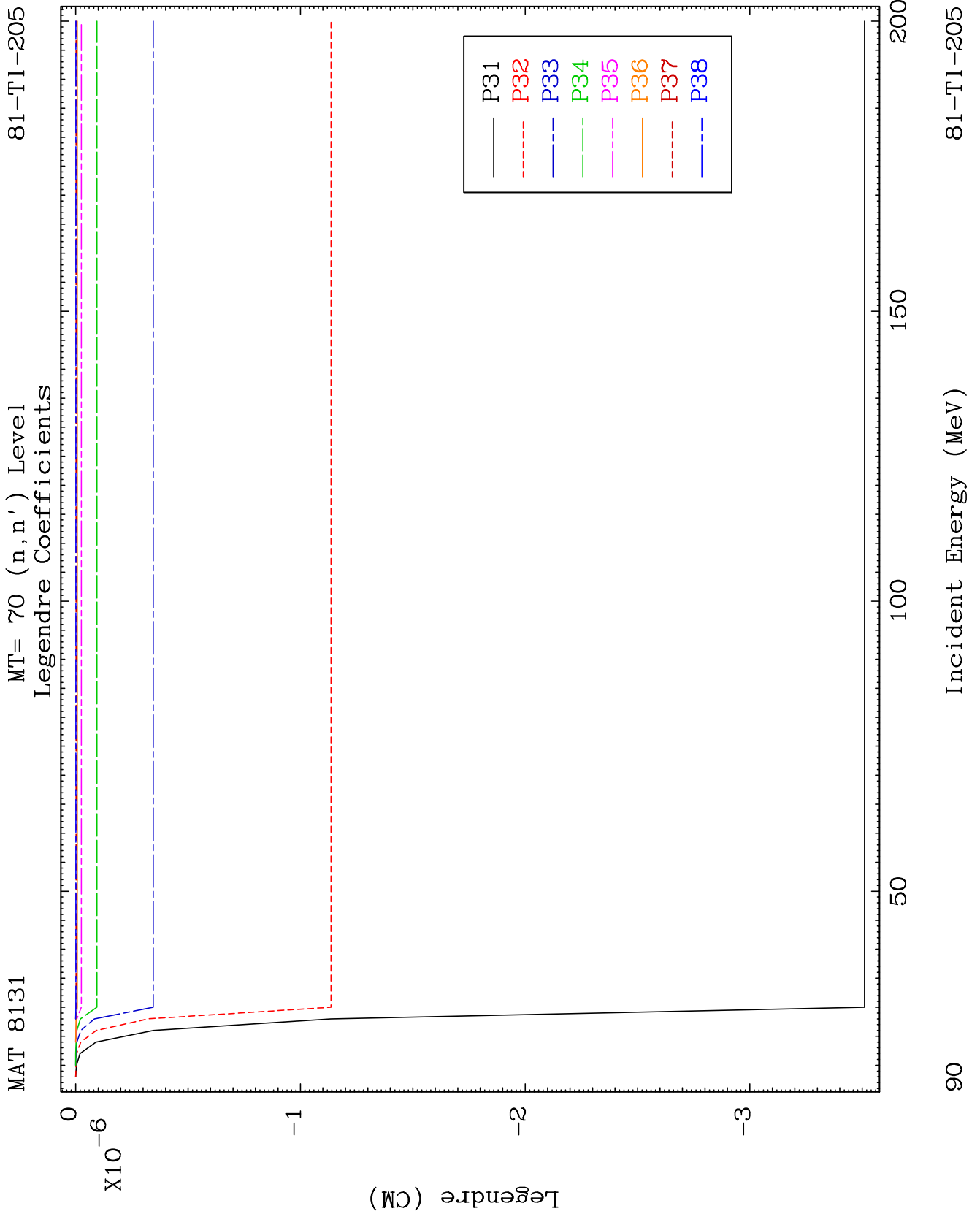
81-T1-205



89

Incident Energy (MeV)

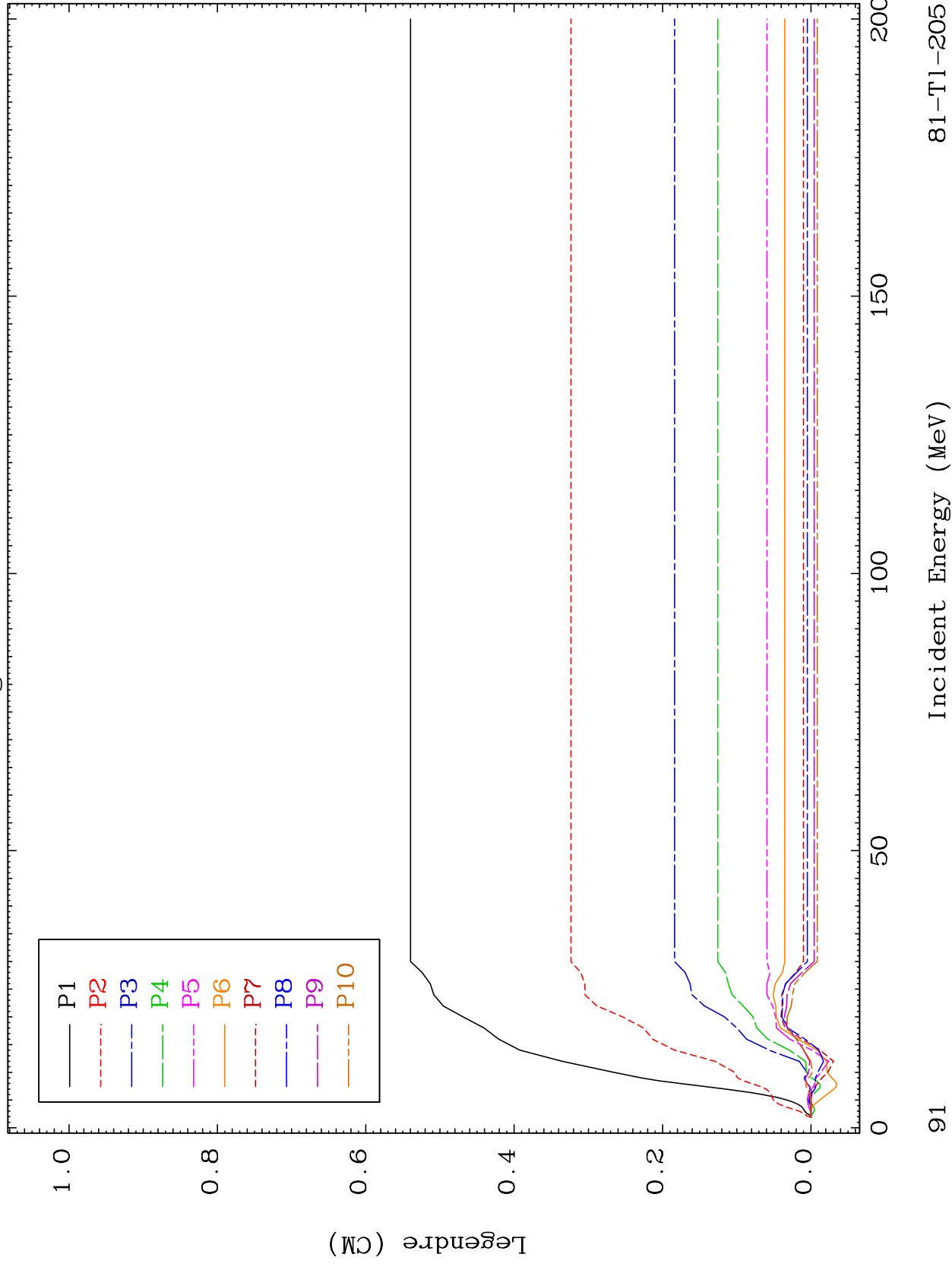
81-T1-205



MAT 8131

MT= 71 (n,n') Level  
Legendre Coefficients

81-T1-205



91

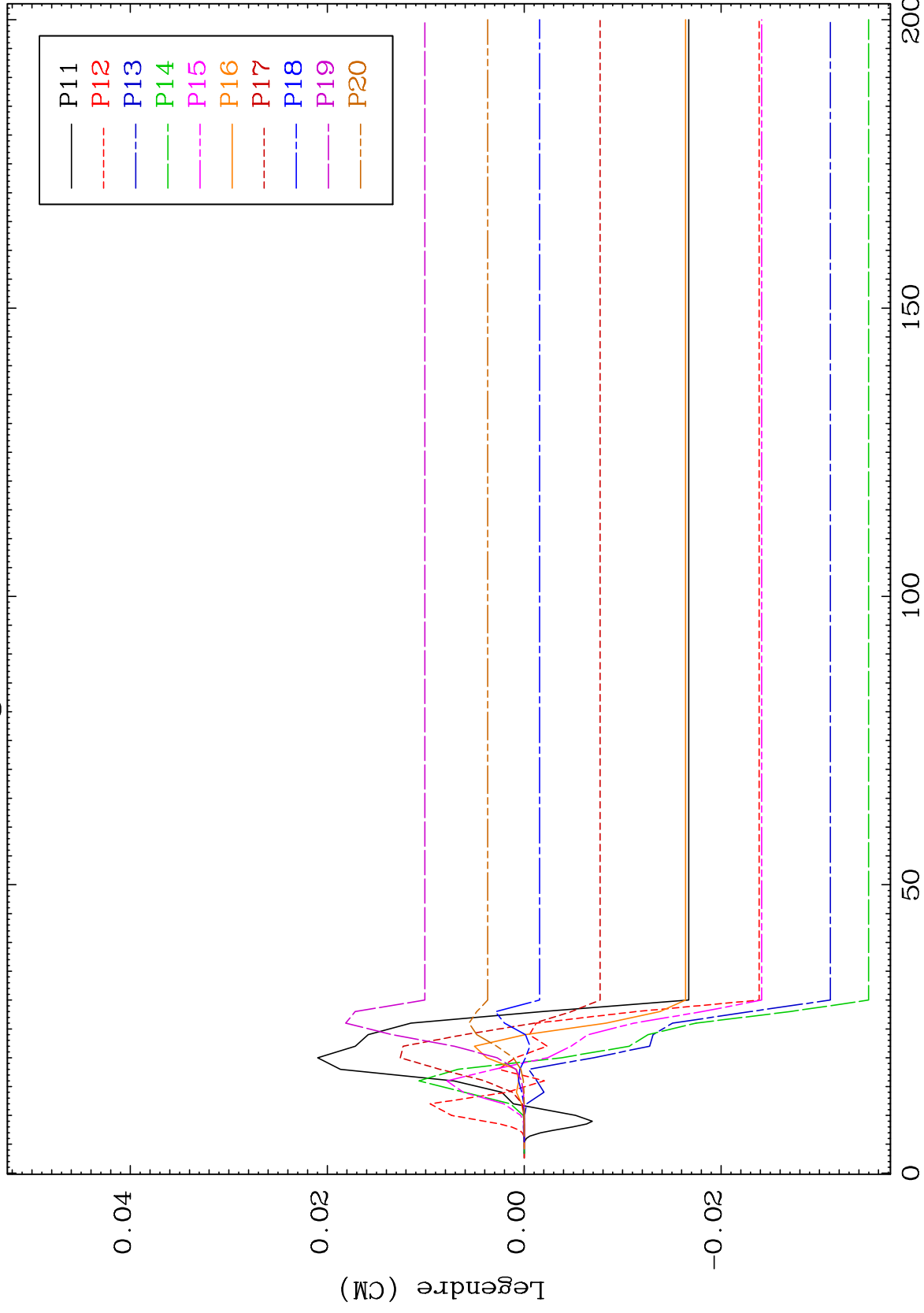
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 71 (n,n') Level  
Legendre Coefficients

81-T1-205



92

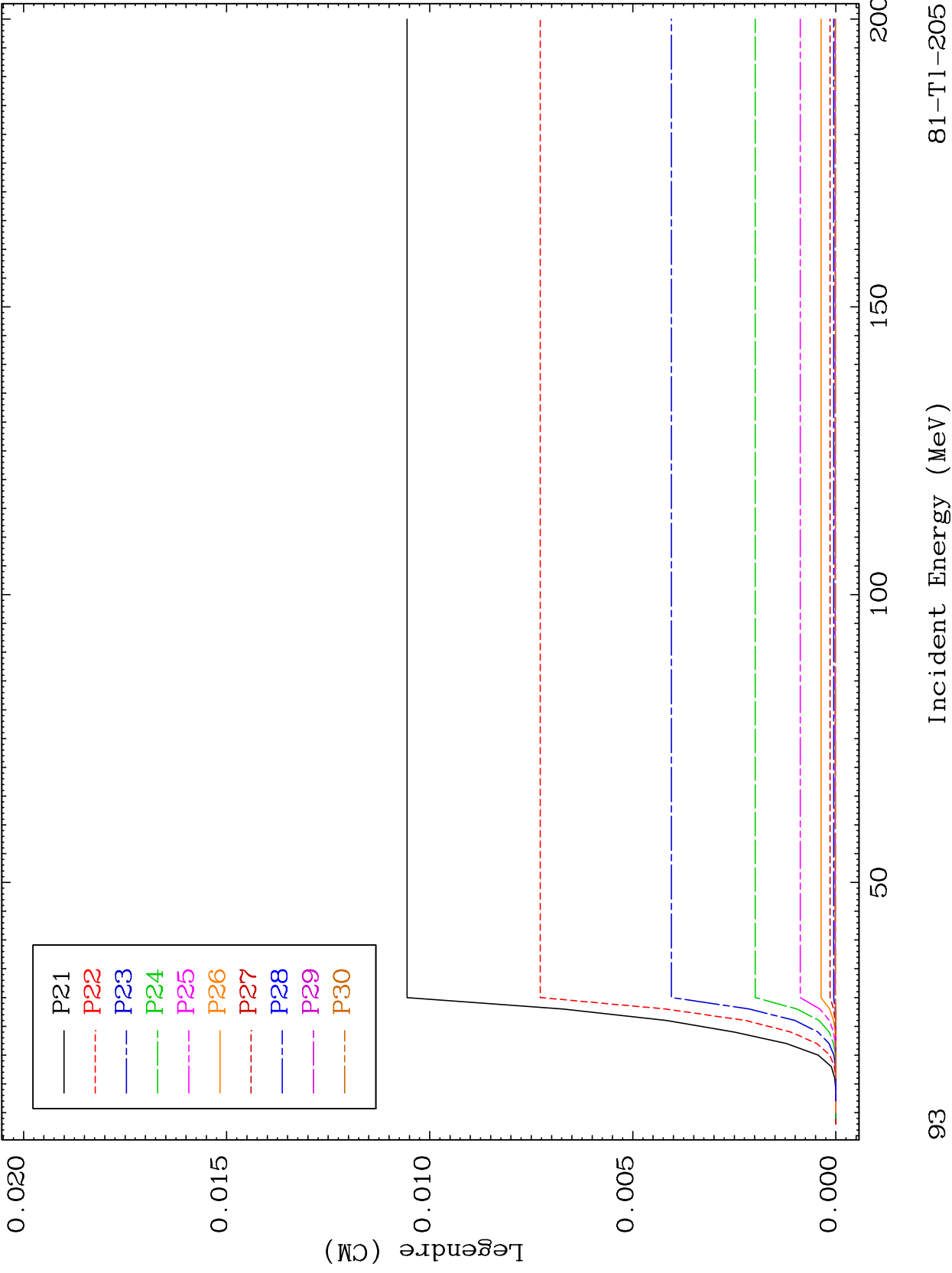
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 71 (n,n') Level  
Legendre Coefficients

81-Tl-205



93

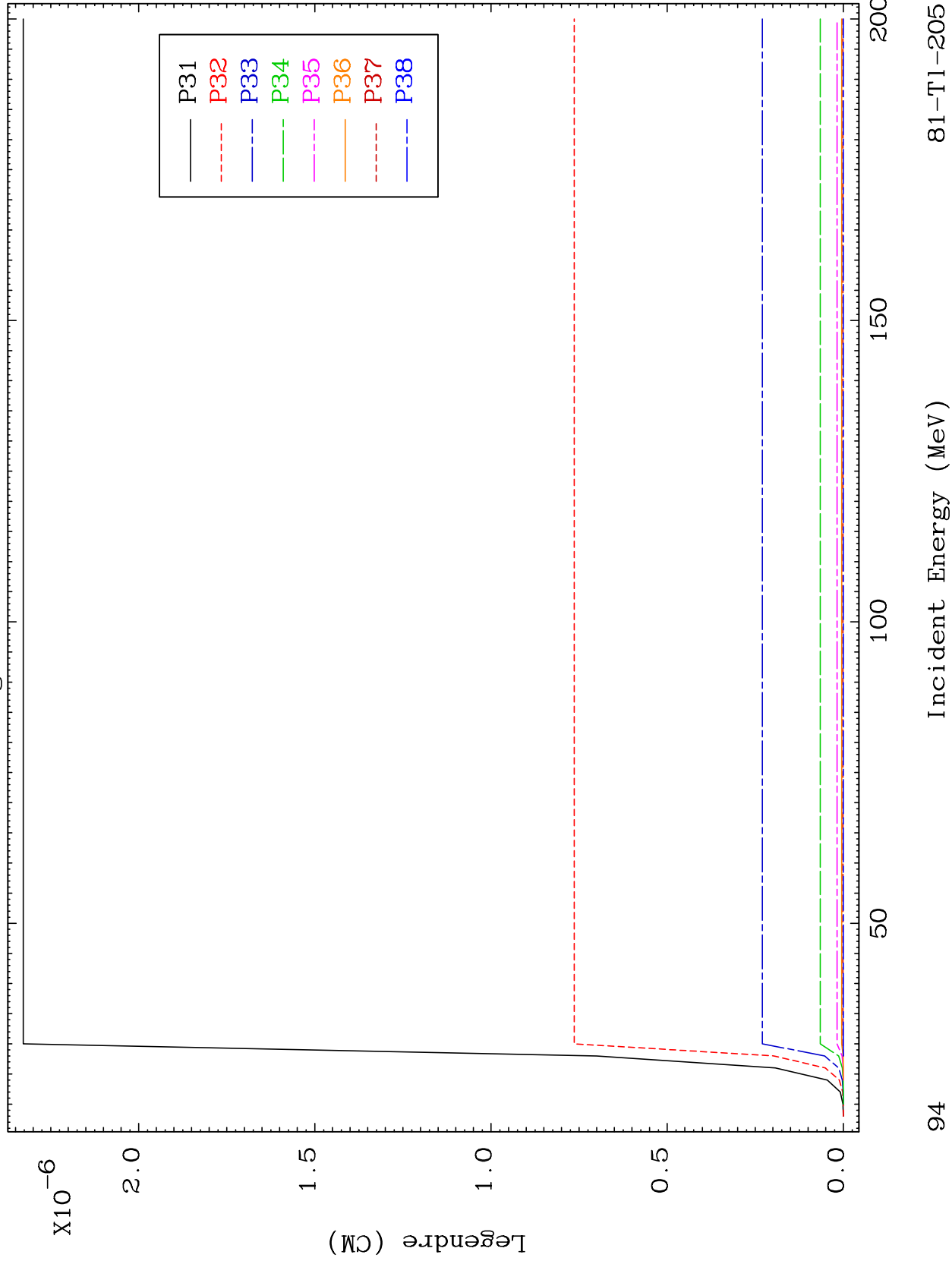
Incident Energy (MeV)

81-Tl-205

MAT 8131

MT= 71 (n,n') Level  
Legendre Coefficients

81-T1-205



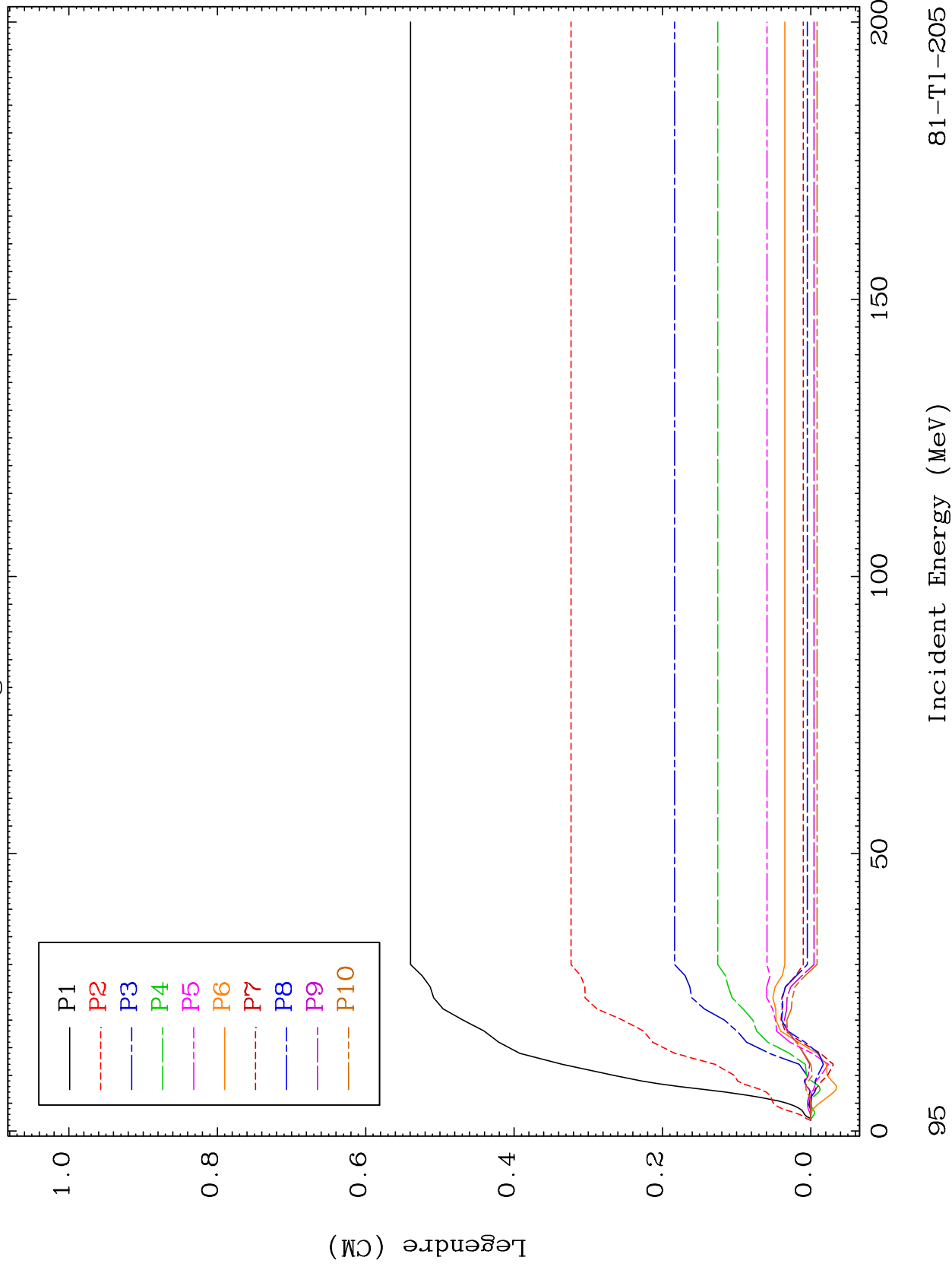
94

81-T1-205

MAT 8131

MT= 72 (n,n') Level  
Legendre Coefficients

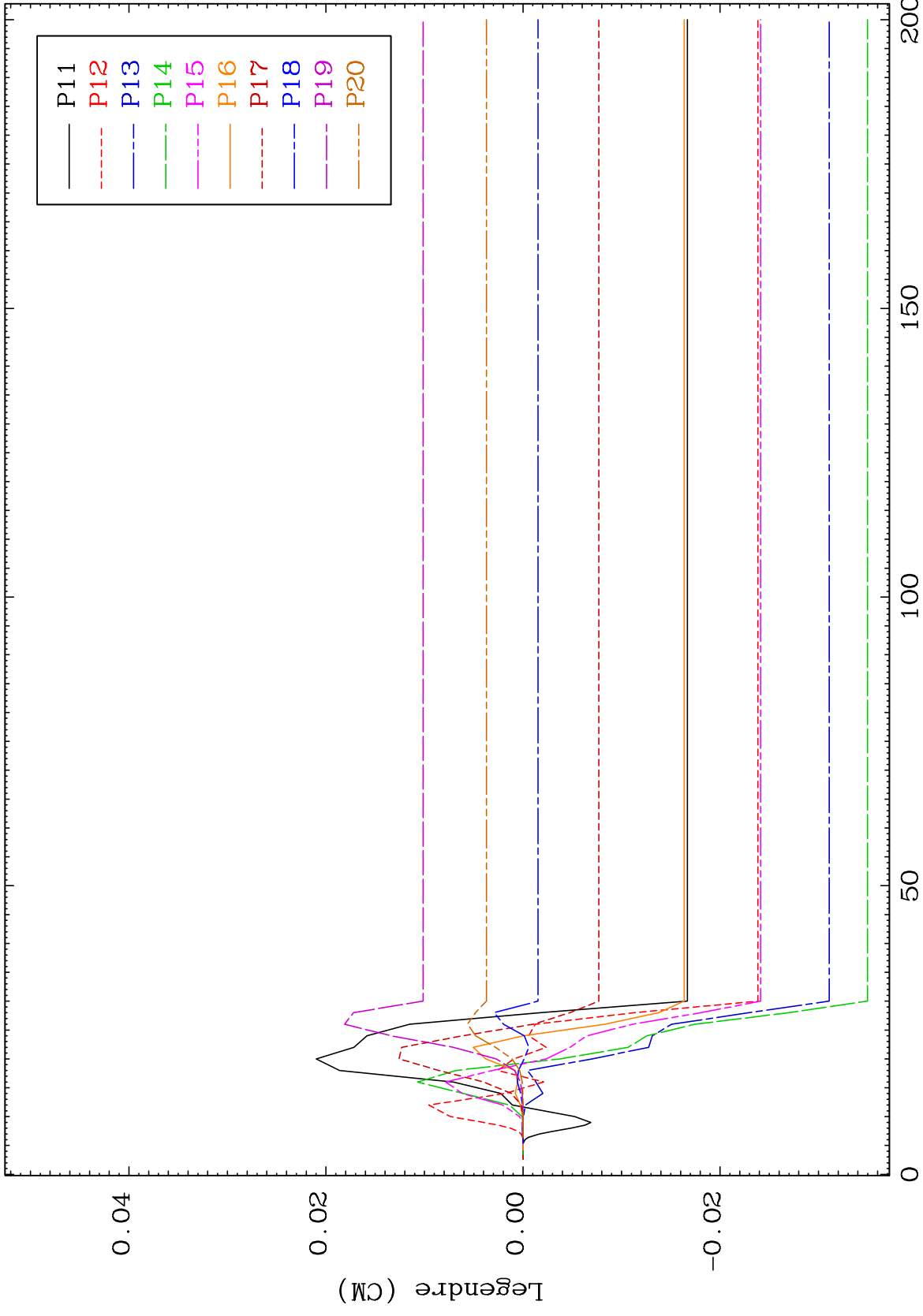
81-T1-205



MAT 8131

MT= 72 (n,n') Level  
Legendre Coefficients

81-T1-205



96

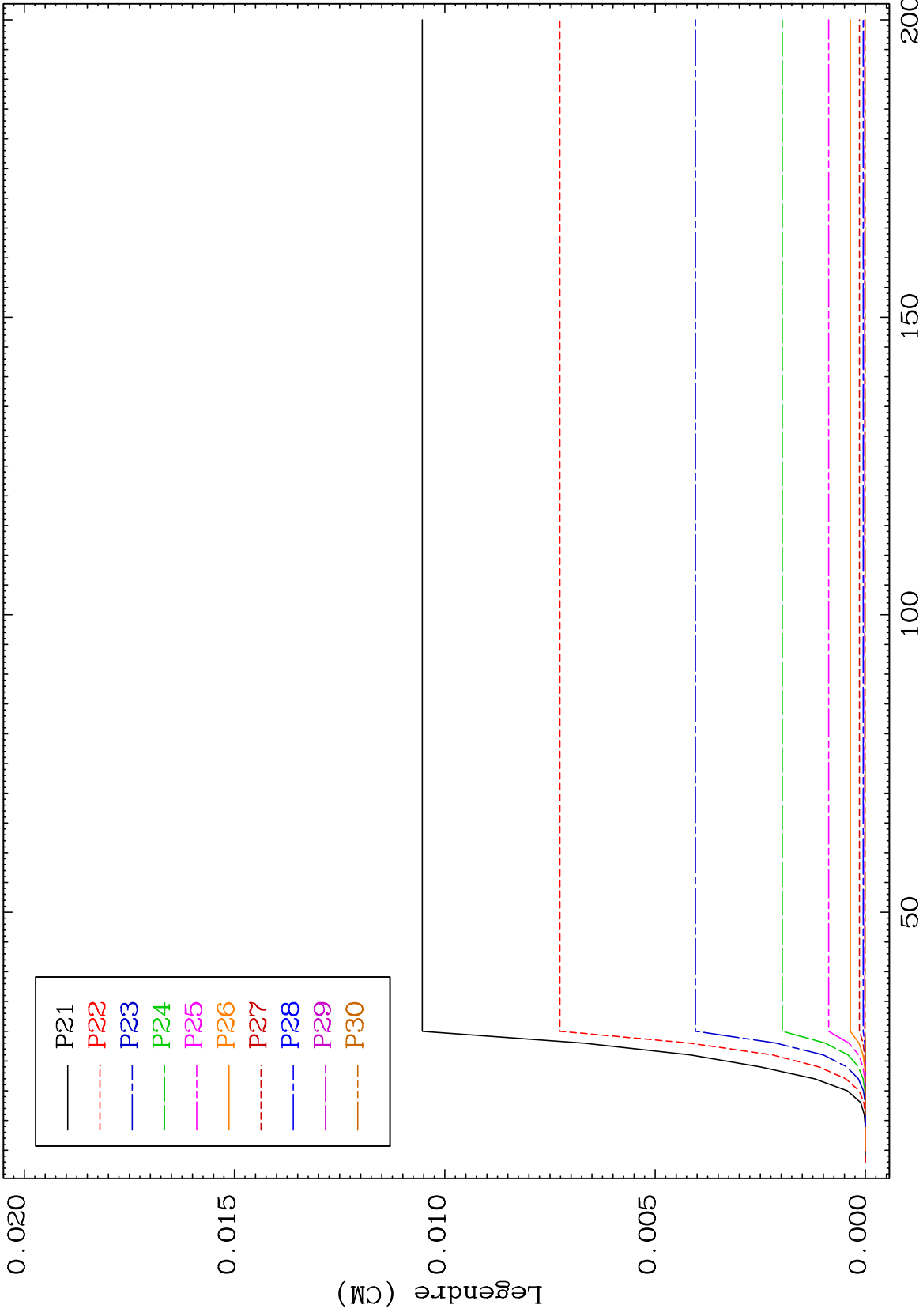
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 72 (n,n') Level  
Legendre Coefficients

81-T1-205



97

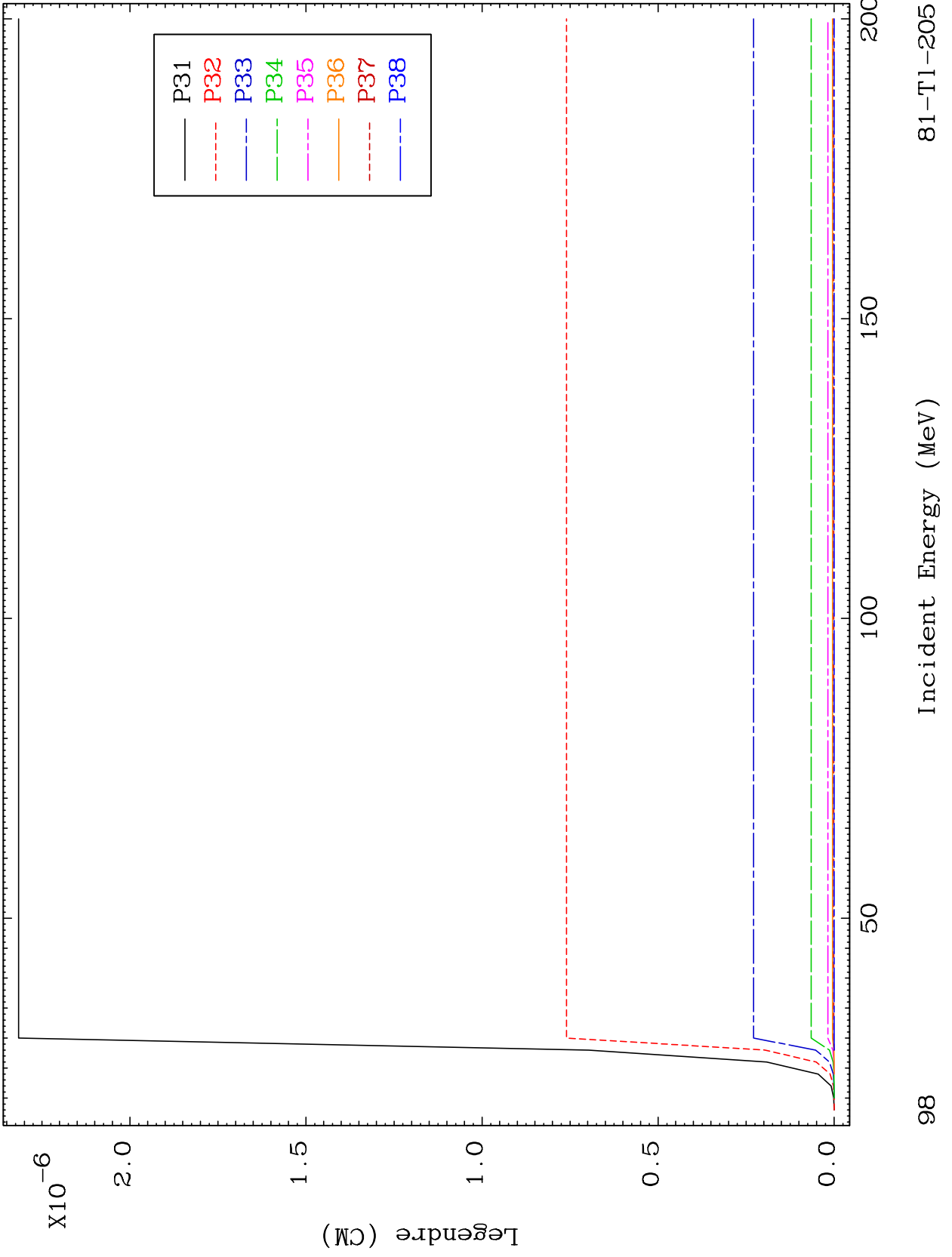
Incident Energy (MeV)

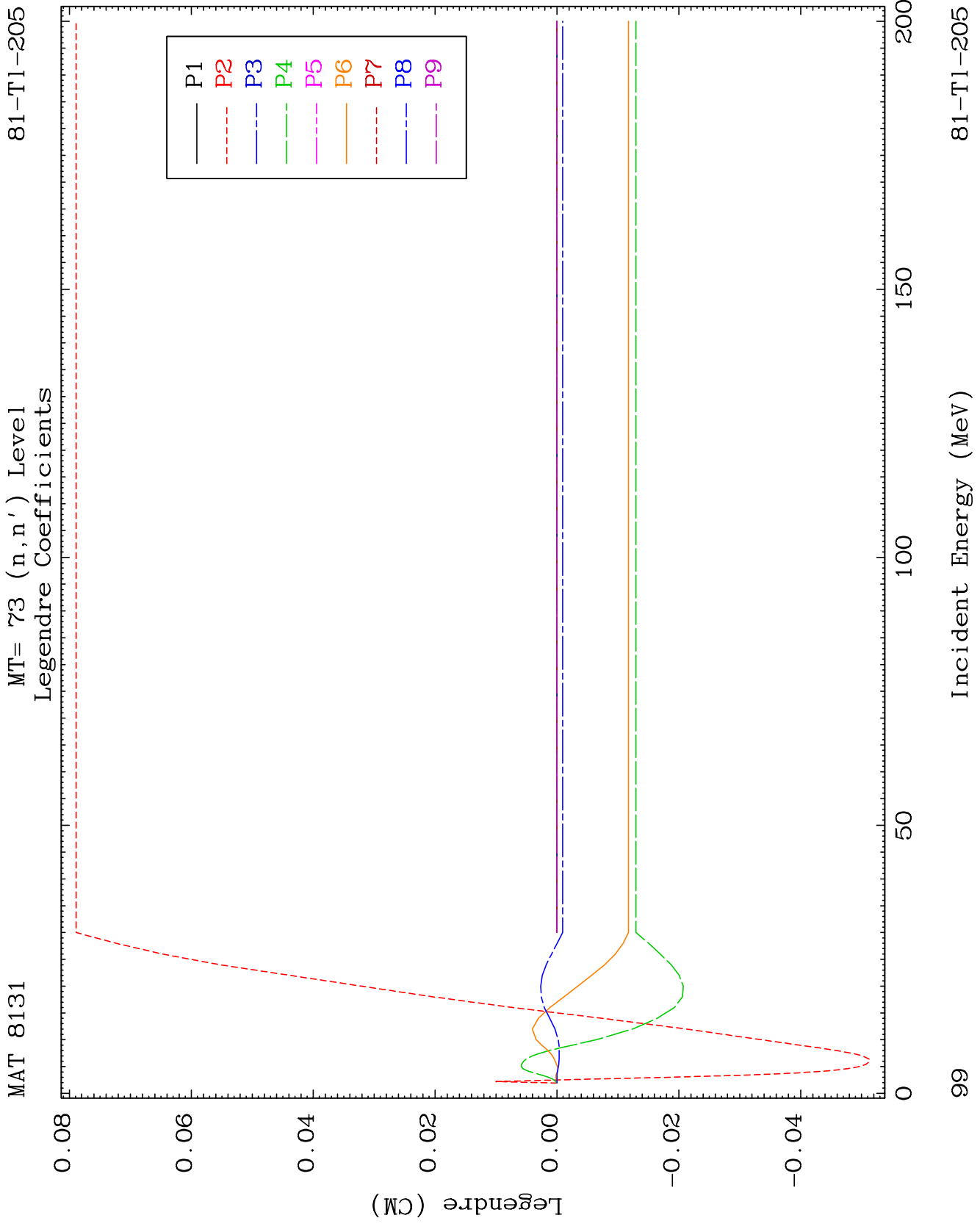
81-T1-205

MAT 8131

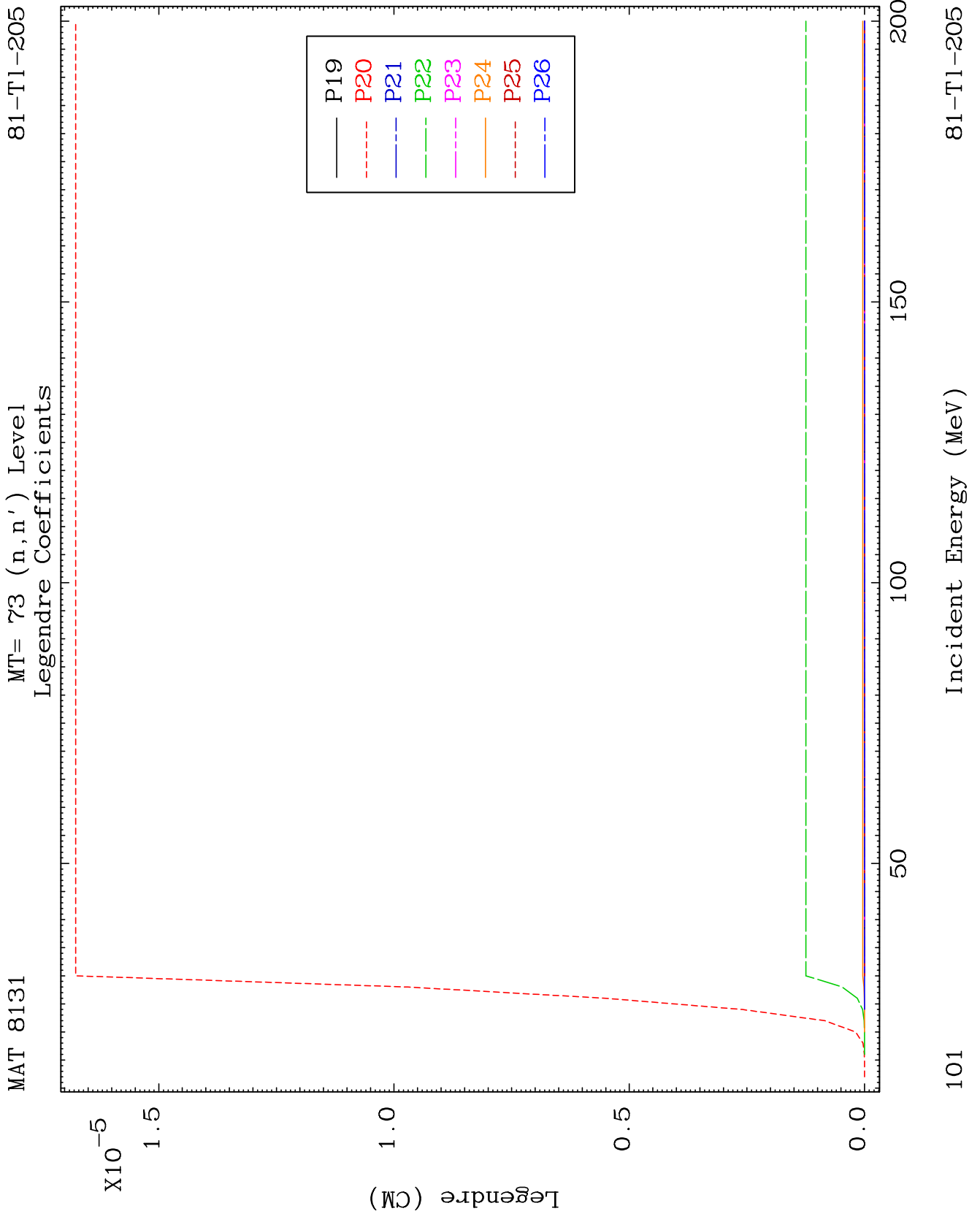
MT= 72 (n,n') Level  
Legendre Coefficients

81-T1-205







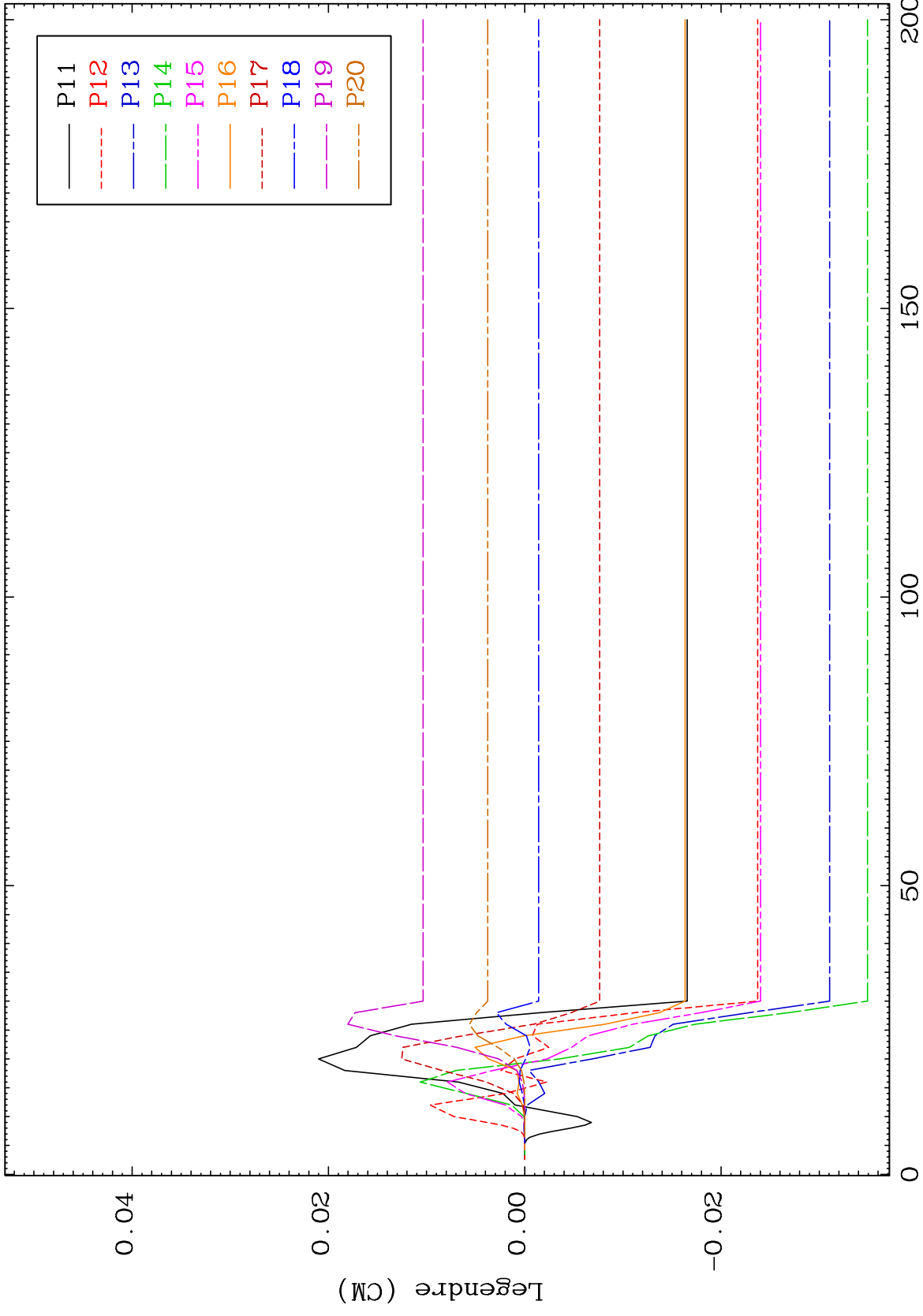




MAT 8131

MT= 74 (n,n') Level  
Legendre Coefficients

81-T1-205



103

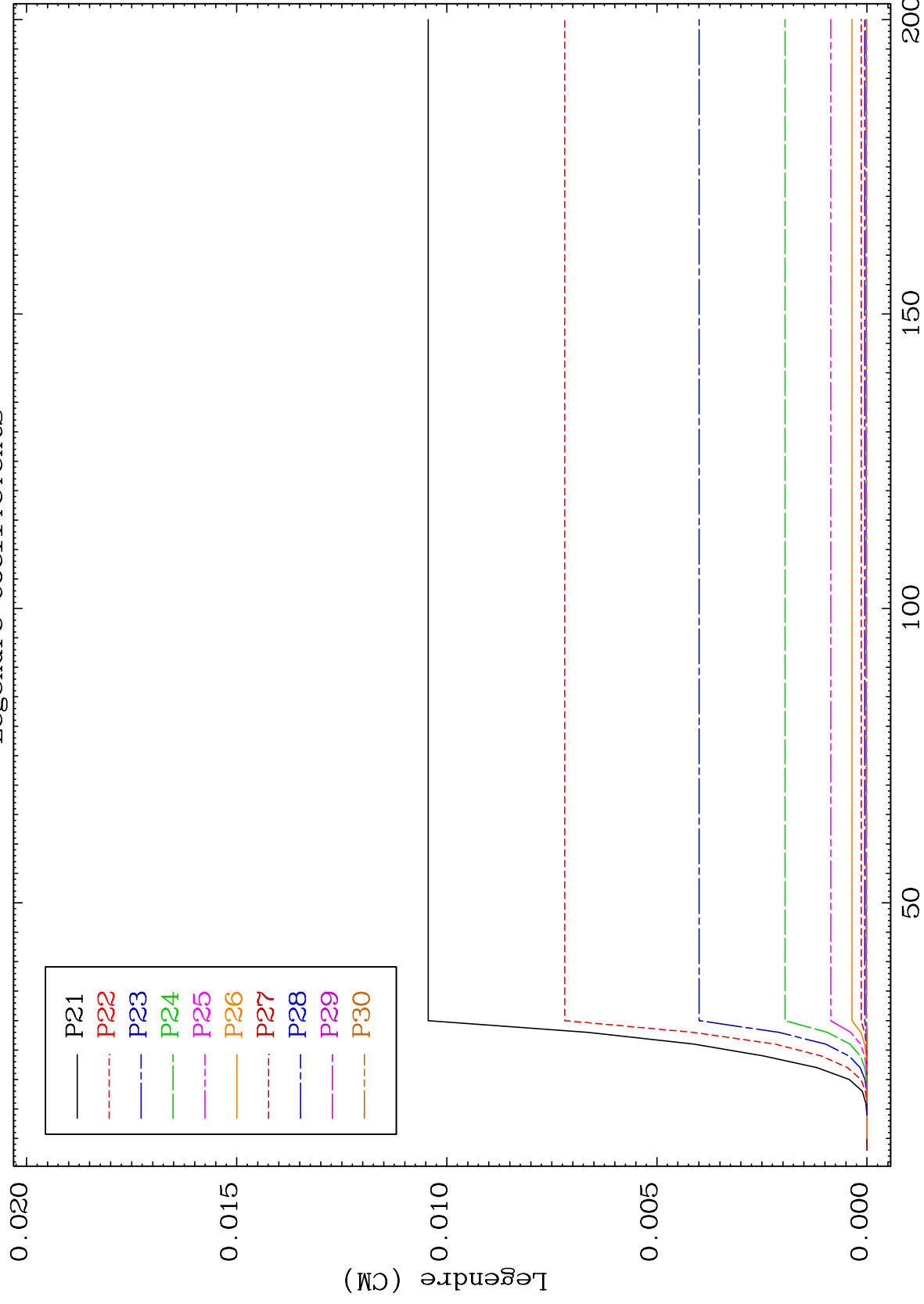
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 74 (n,n') Level  
Legendre Coefficients

81-T1-205



104

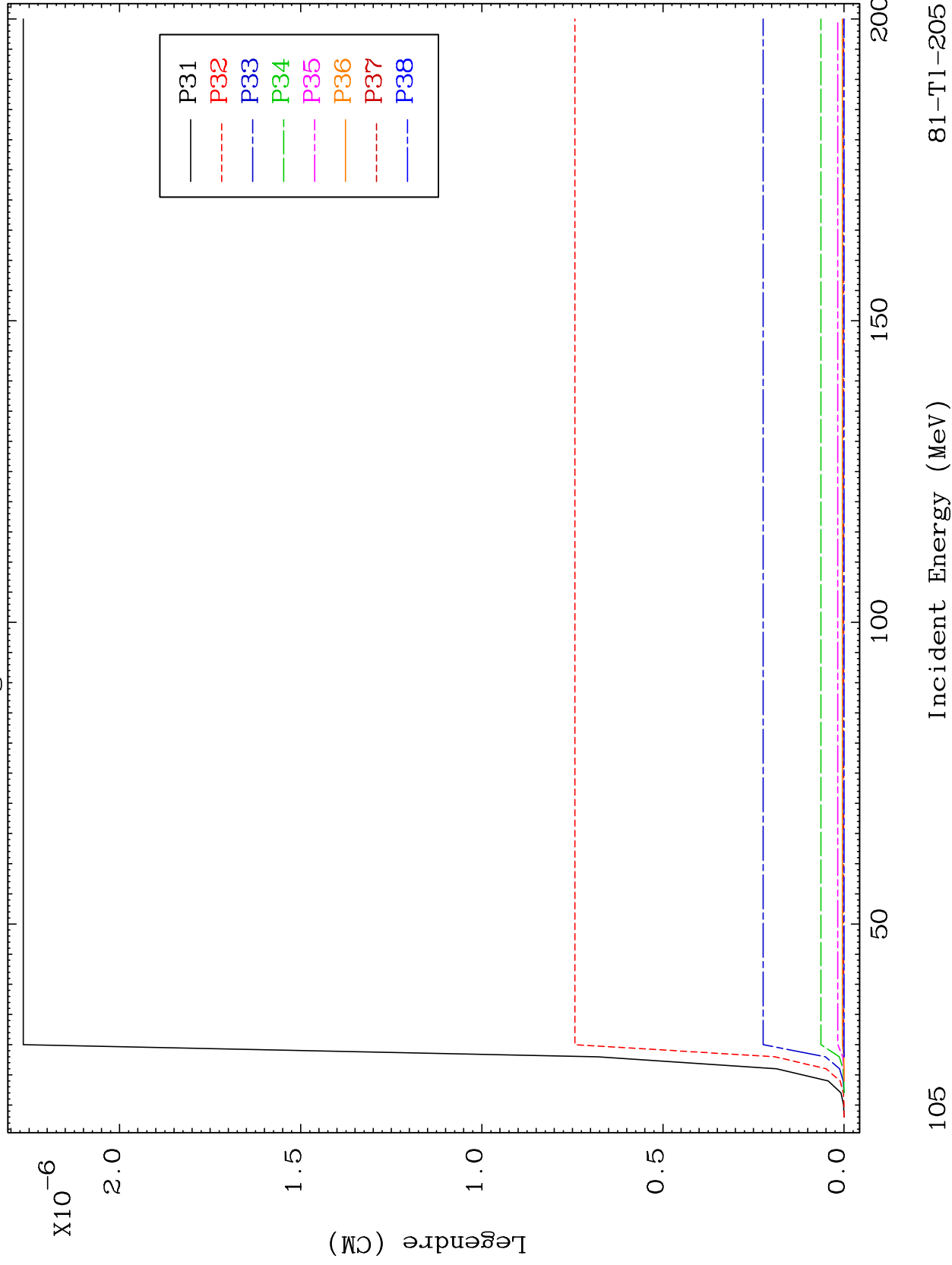
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 74 (n,n') Level  
Legendre Coefficients

81-T1-205

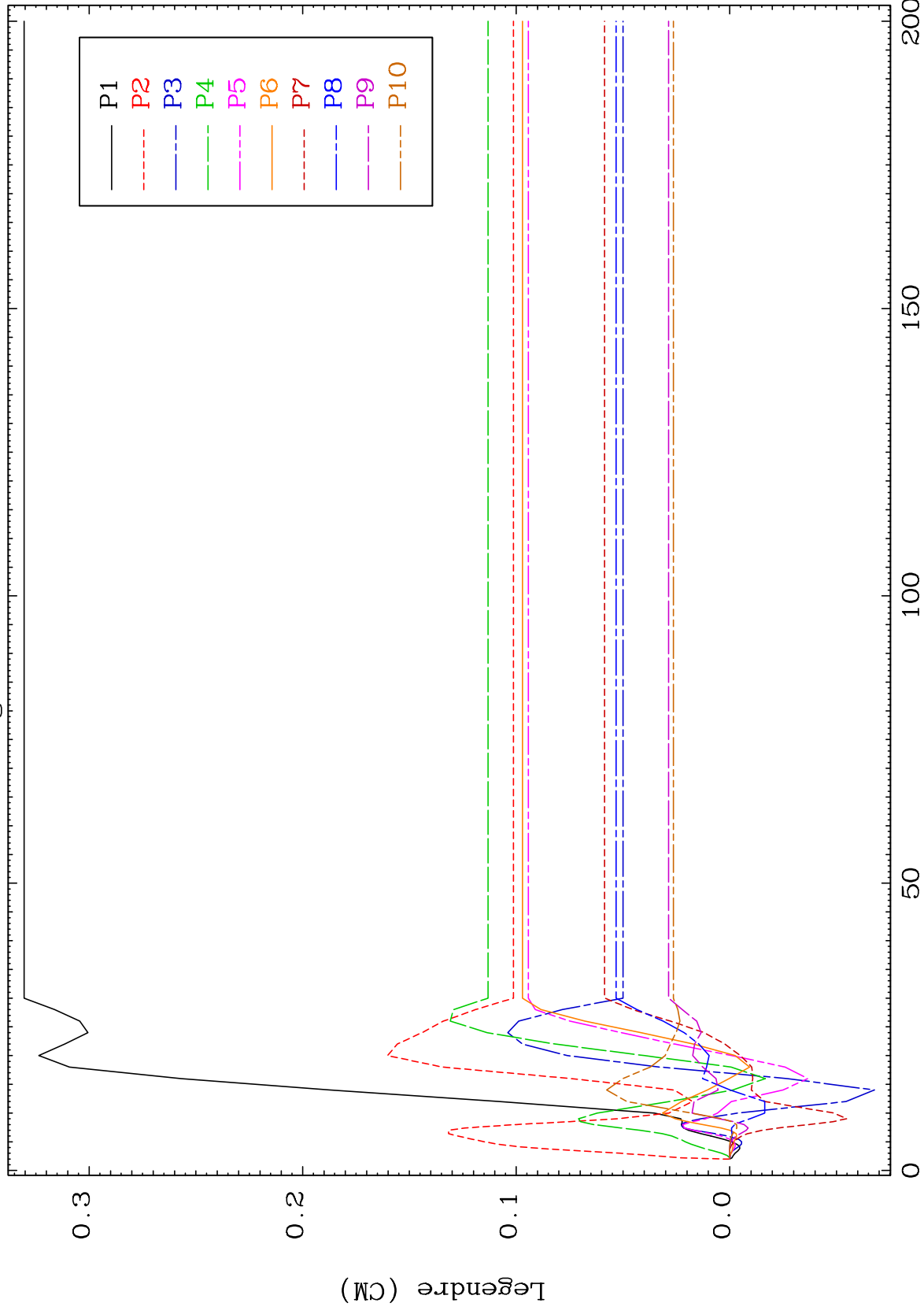


81-T1-205

MAT 8131

MT= 75 (n,n') Level  
Legendre Coefficients

81-T1-205



106

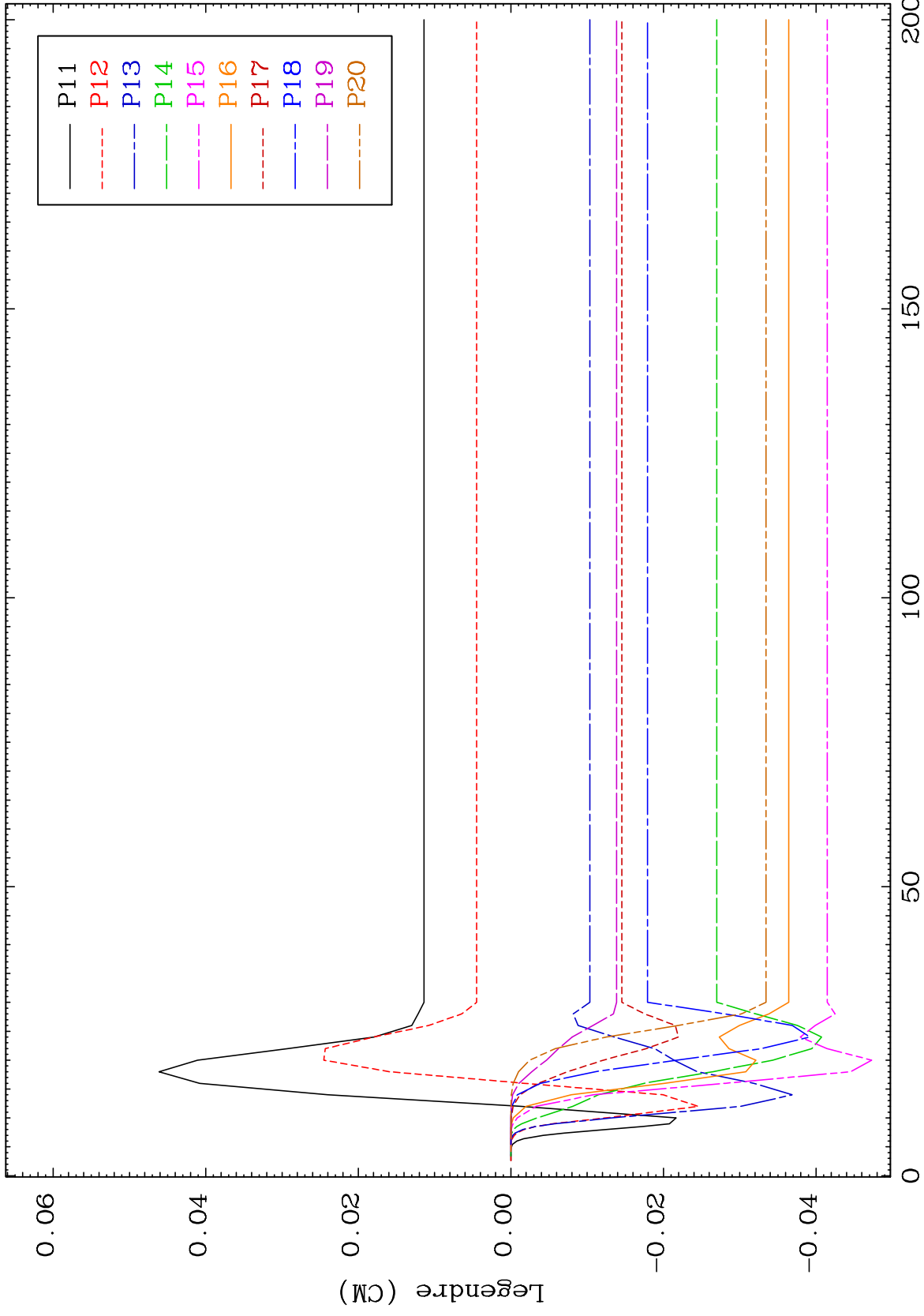
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 75 (n,n') Level  
Legendre Coefficients

81-T1-205



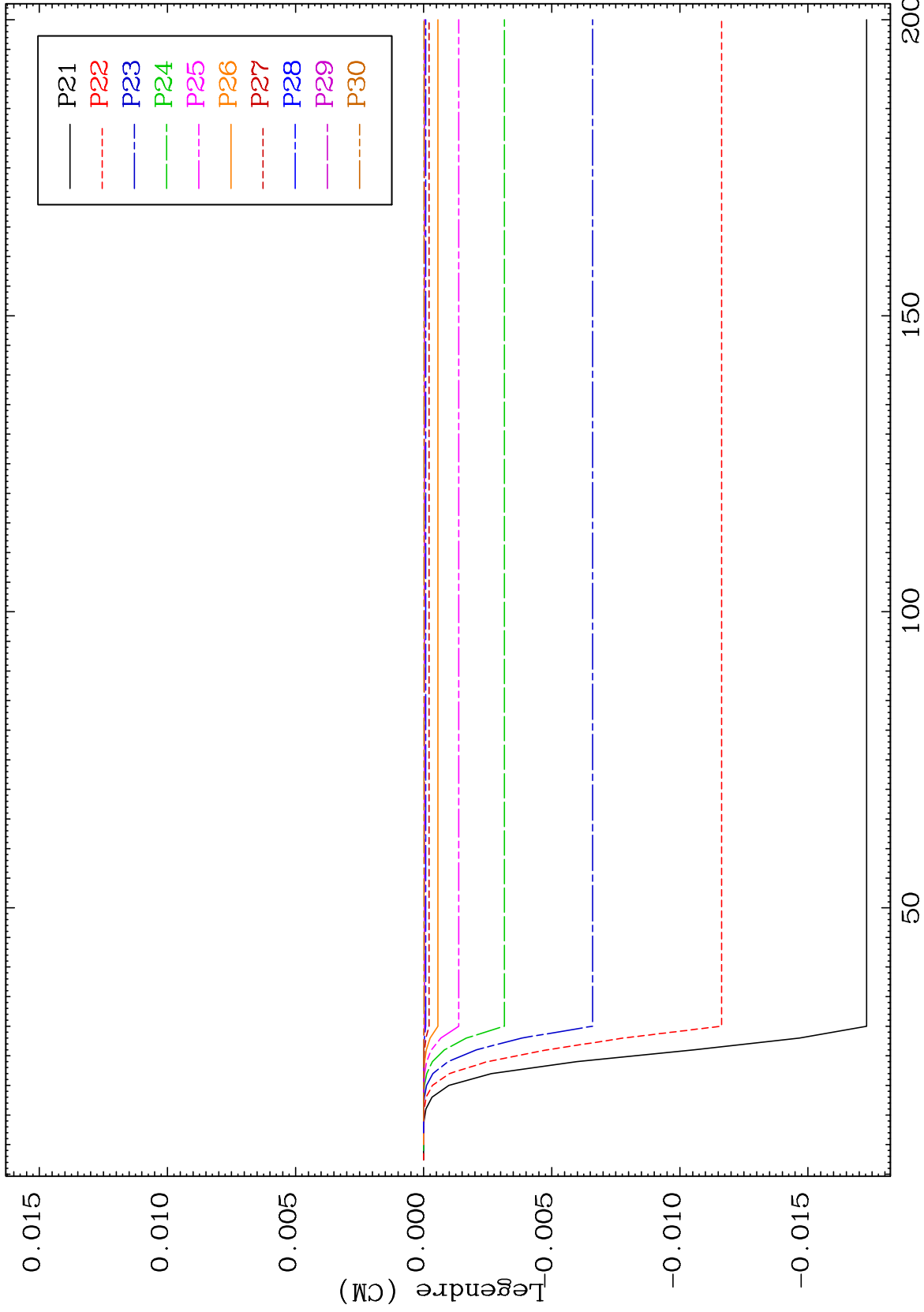
107

81-T1-205

MAT 8131

MT= 75 (n,n') Level  
Legendre Coefficients

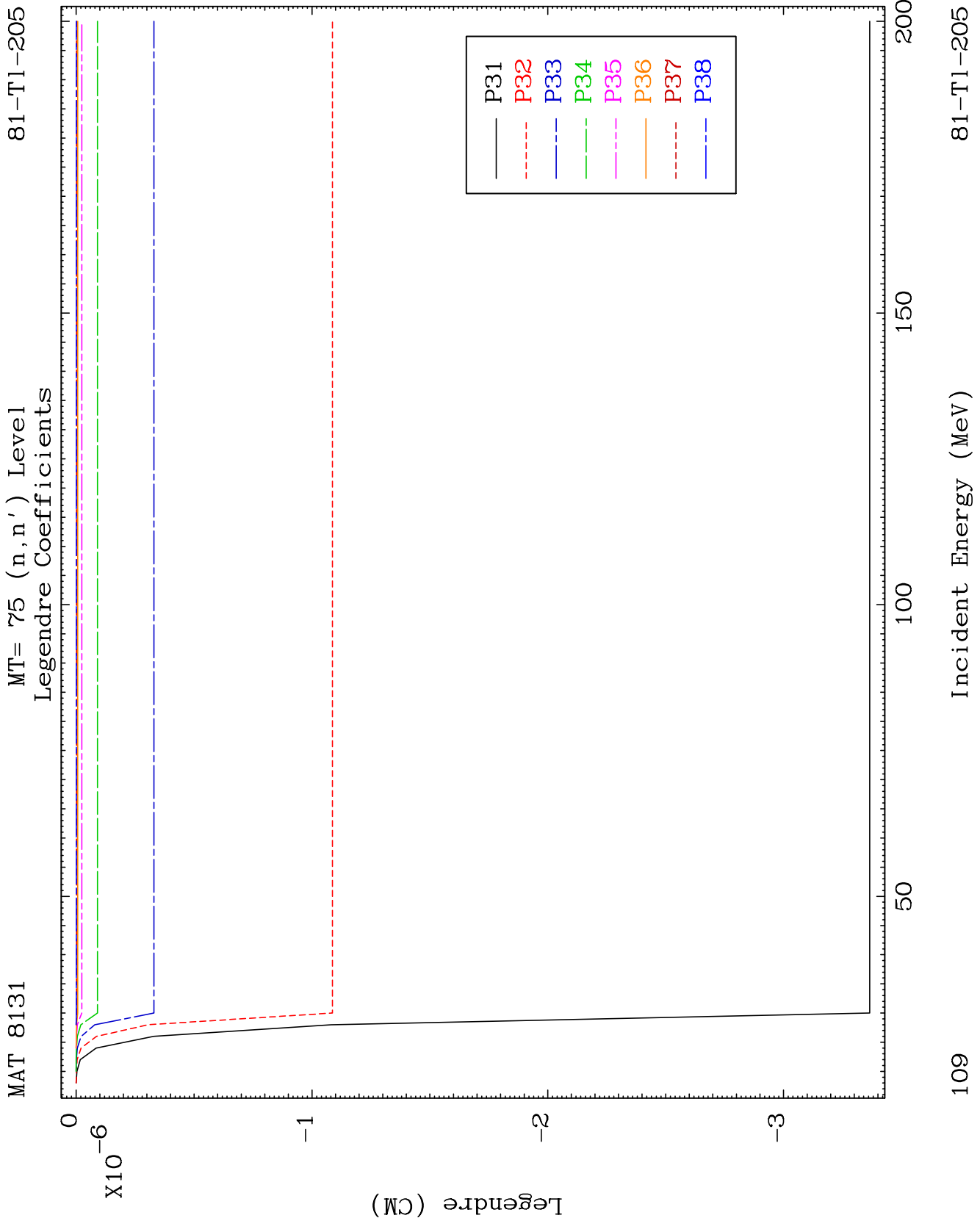
81-T1-205



108

Incident Energy (MeV)

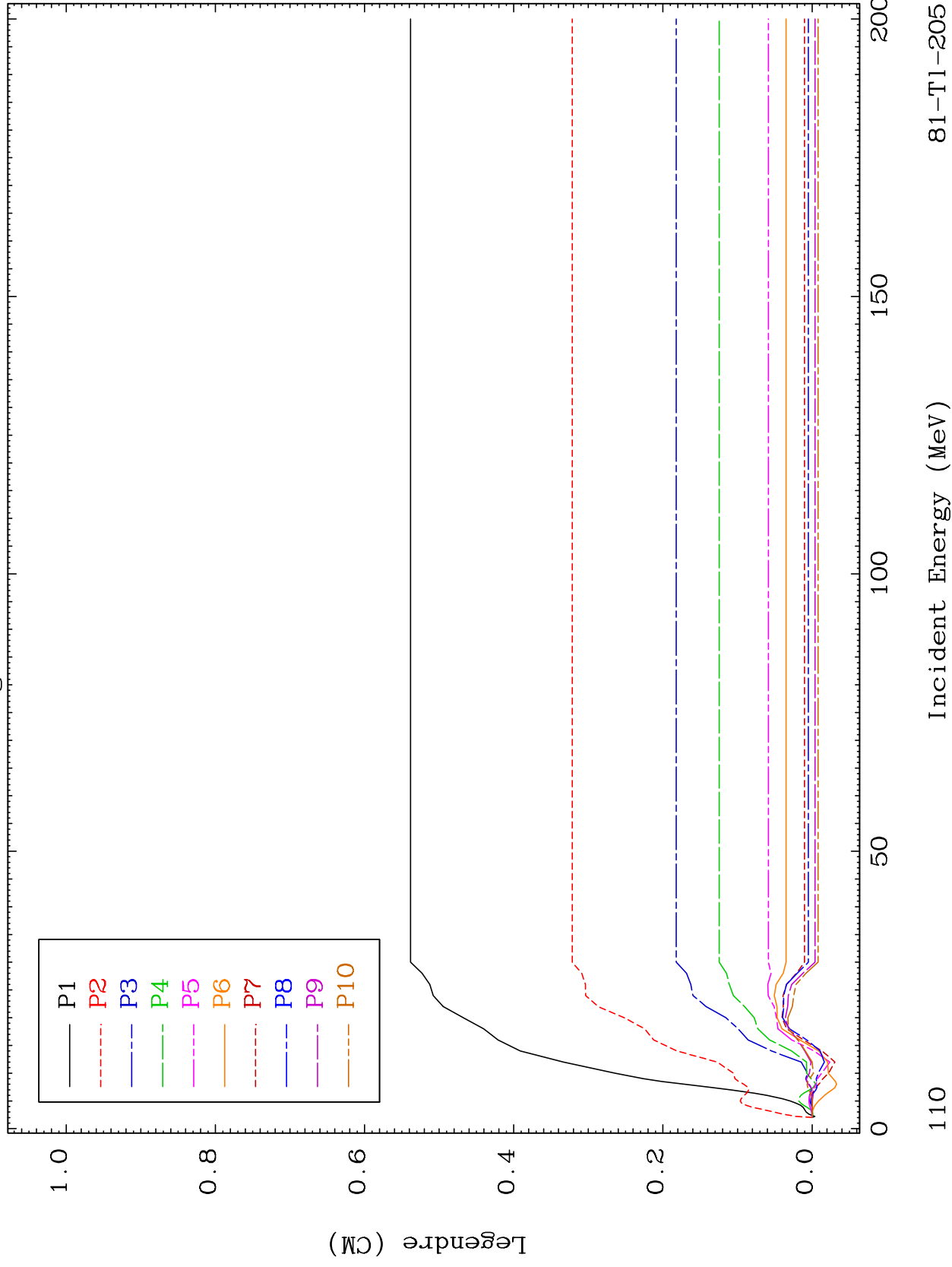
81-T1-205



MAT 8131

MT= 76 (n,n') Level  
Legendre Coefficients

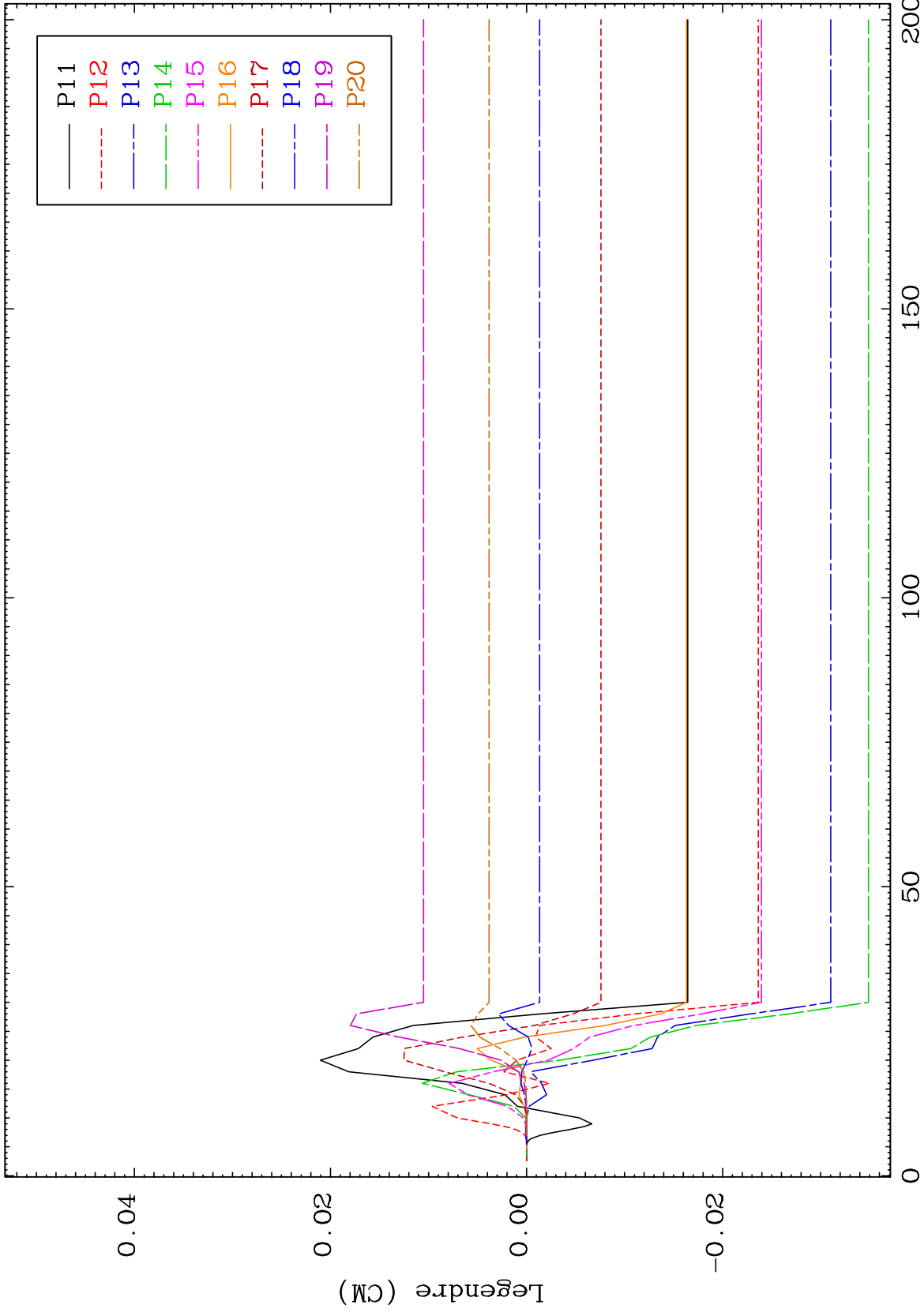
81-T1-205



MAT 8131

MT= 76 (n,n') Level  
Legendre Coefficients

81-T1-205



111

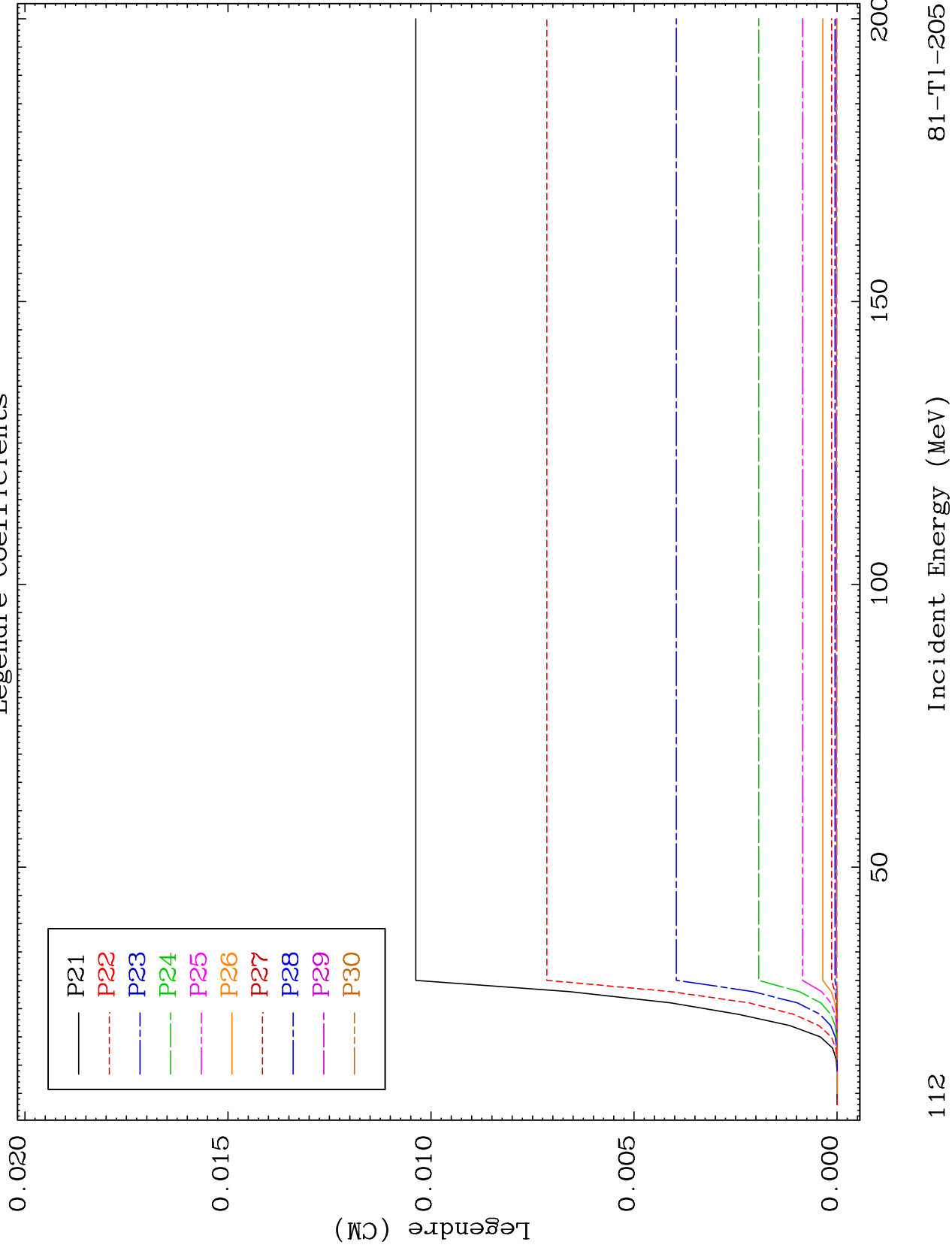
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 76 (n,n') Level  
Legendre Coefficients

81-T1-205



112

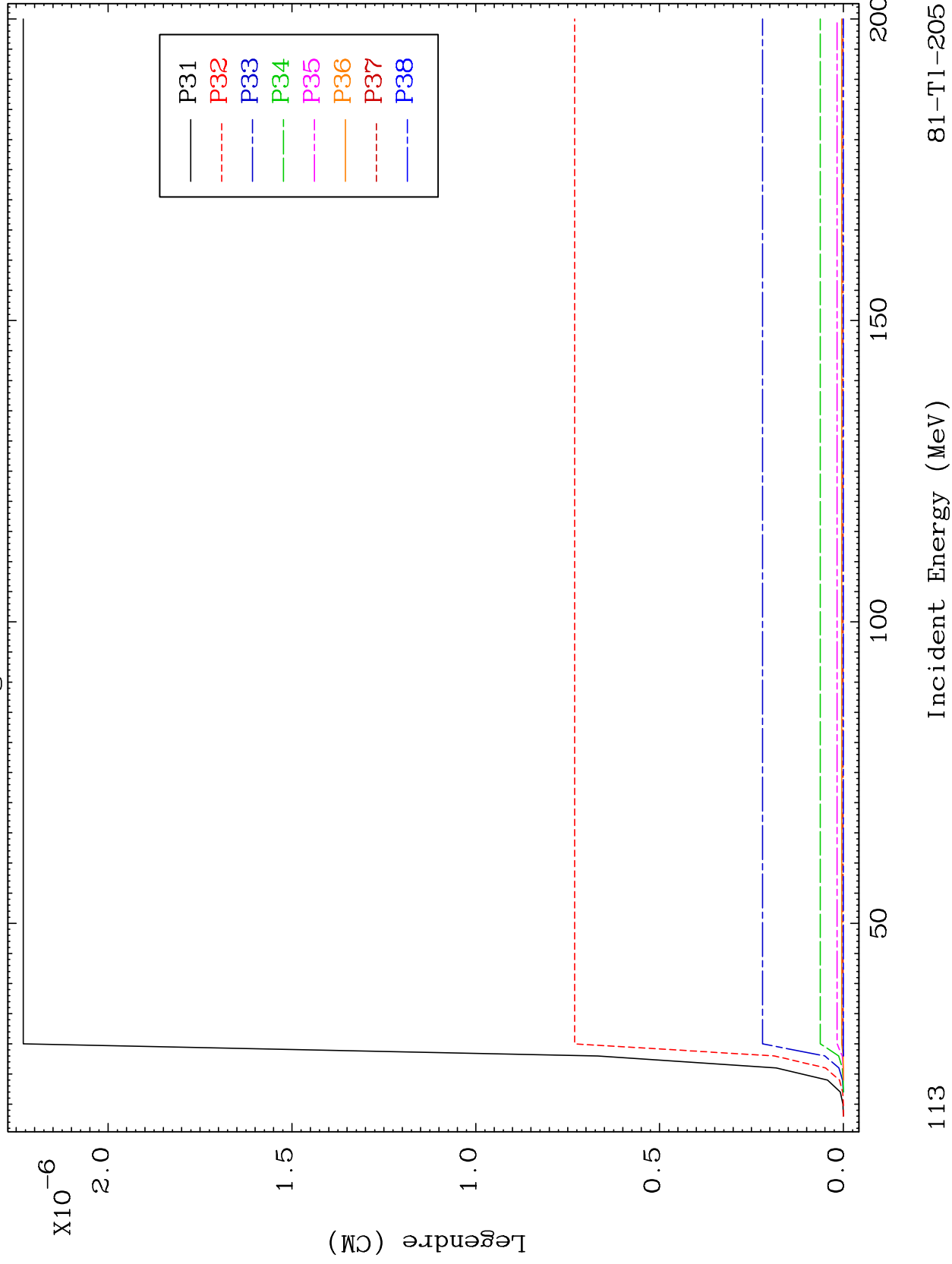
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 76 (n,n') Level  
Legendre Coefficients

81-T1-205



113

Incident Energy (MeV)

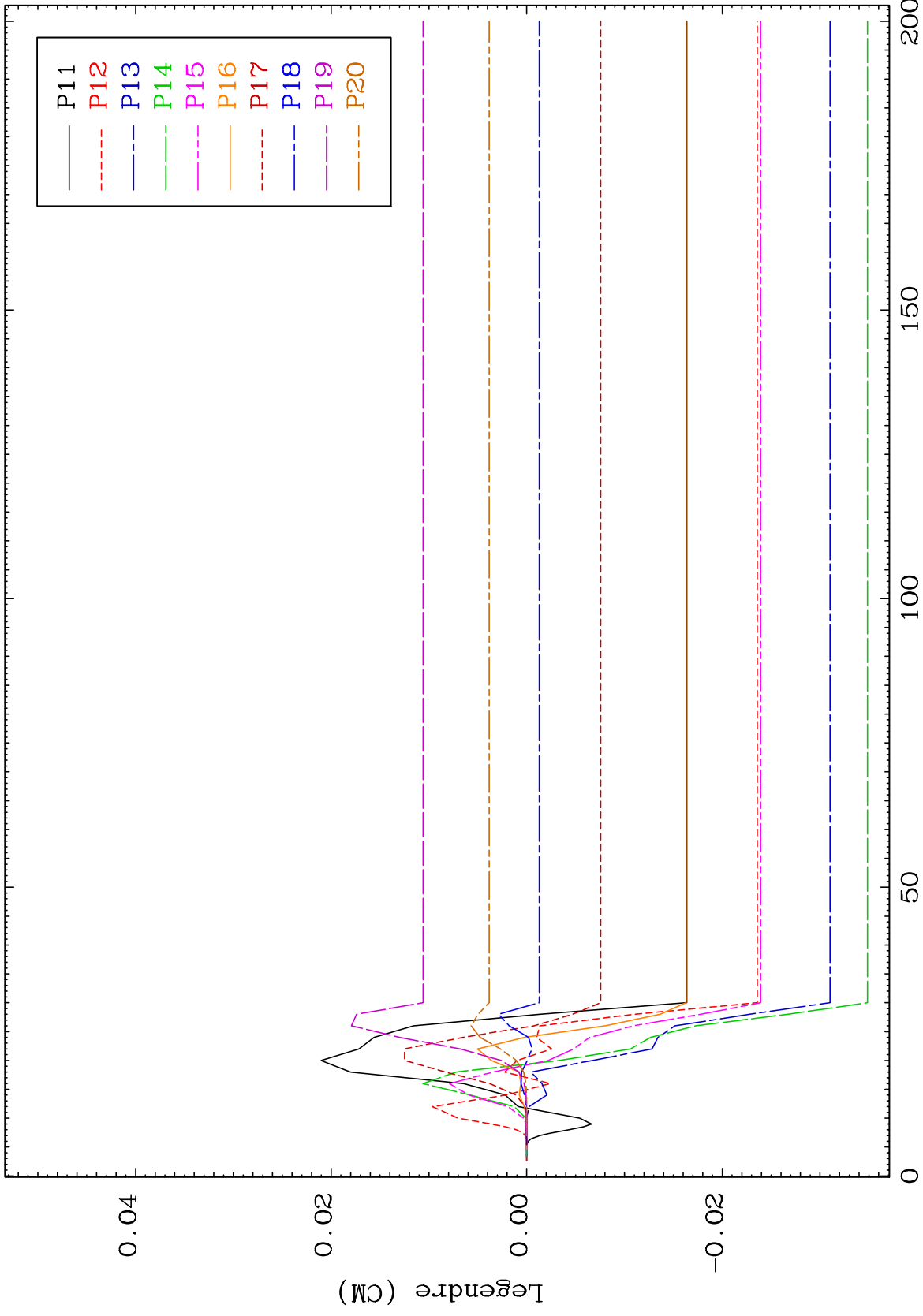
81-T1-205



MAT 8131

MT= 77 (n,n') Level  
Legendre Coefficients

81-T1-205



115

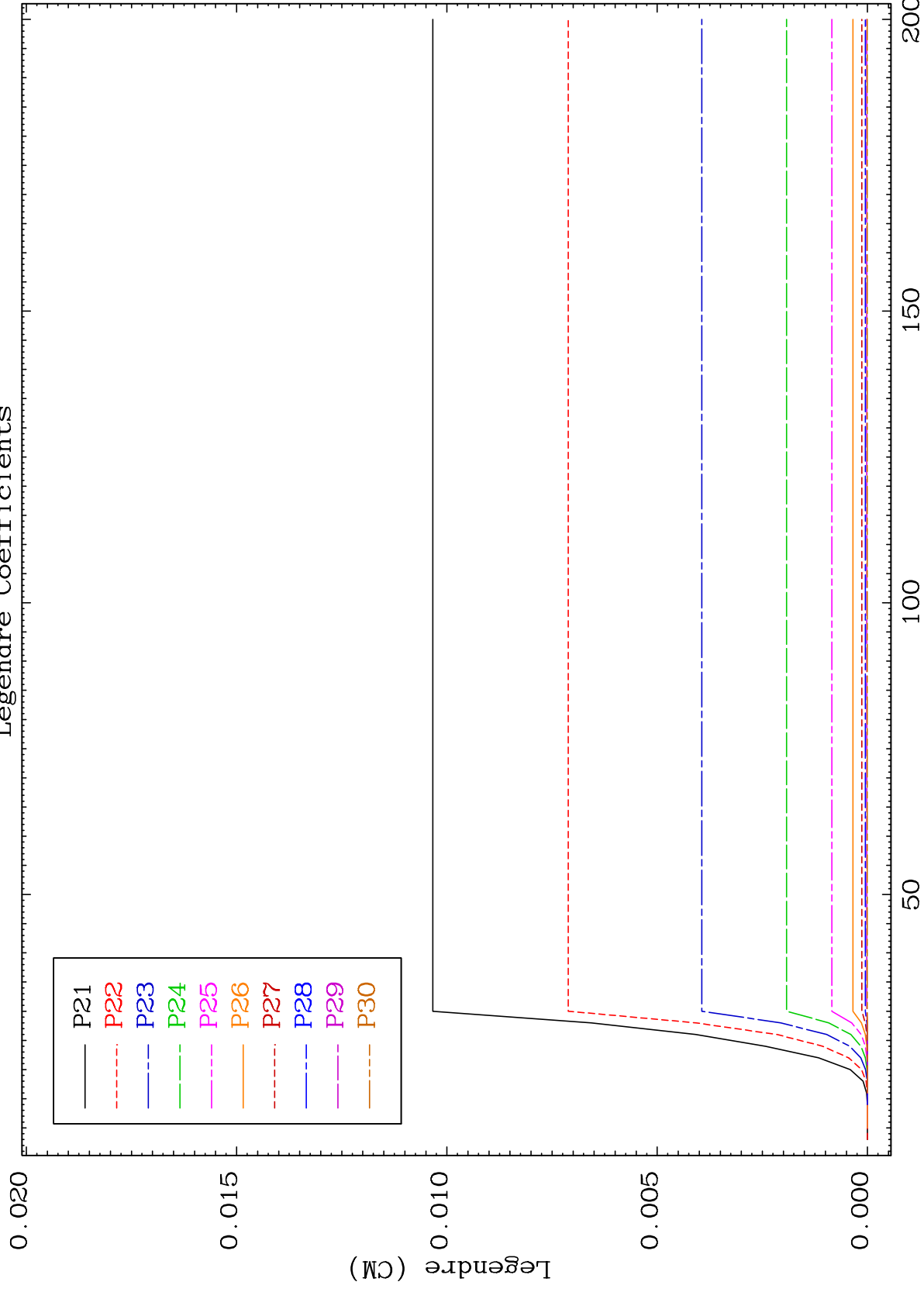
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 77 (n,n') Level  
Legendre Coefficients

81-T1-205



116

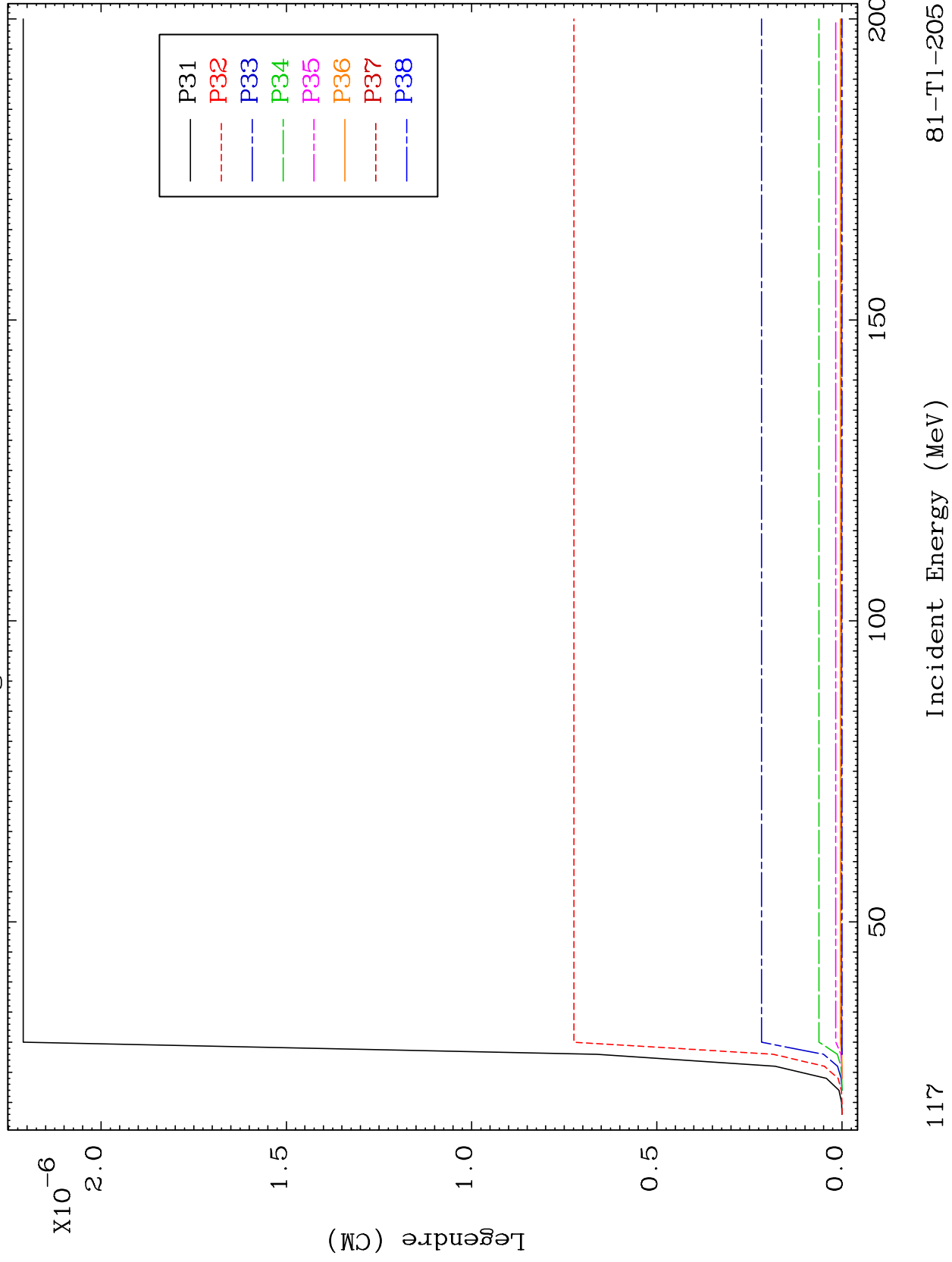
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 77 (n,n') Level  
Legendre Coefficients

81-T1-205



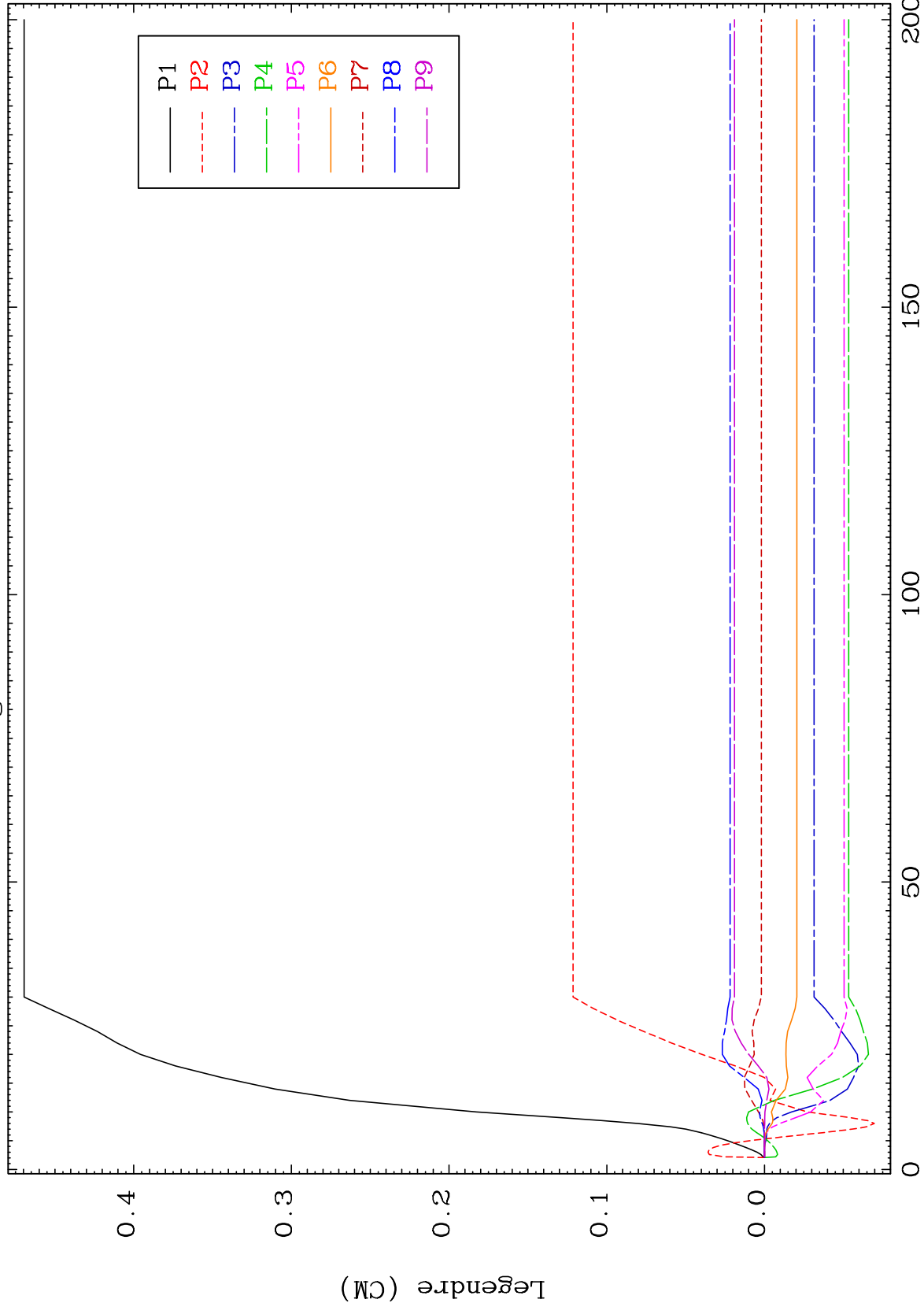
117

81-T1-205

MAT 8131

MT= 78 (n,n') Level  
Legendre Coefficients

81-T1-205



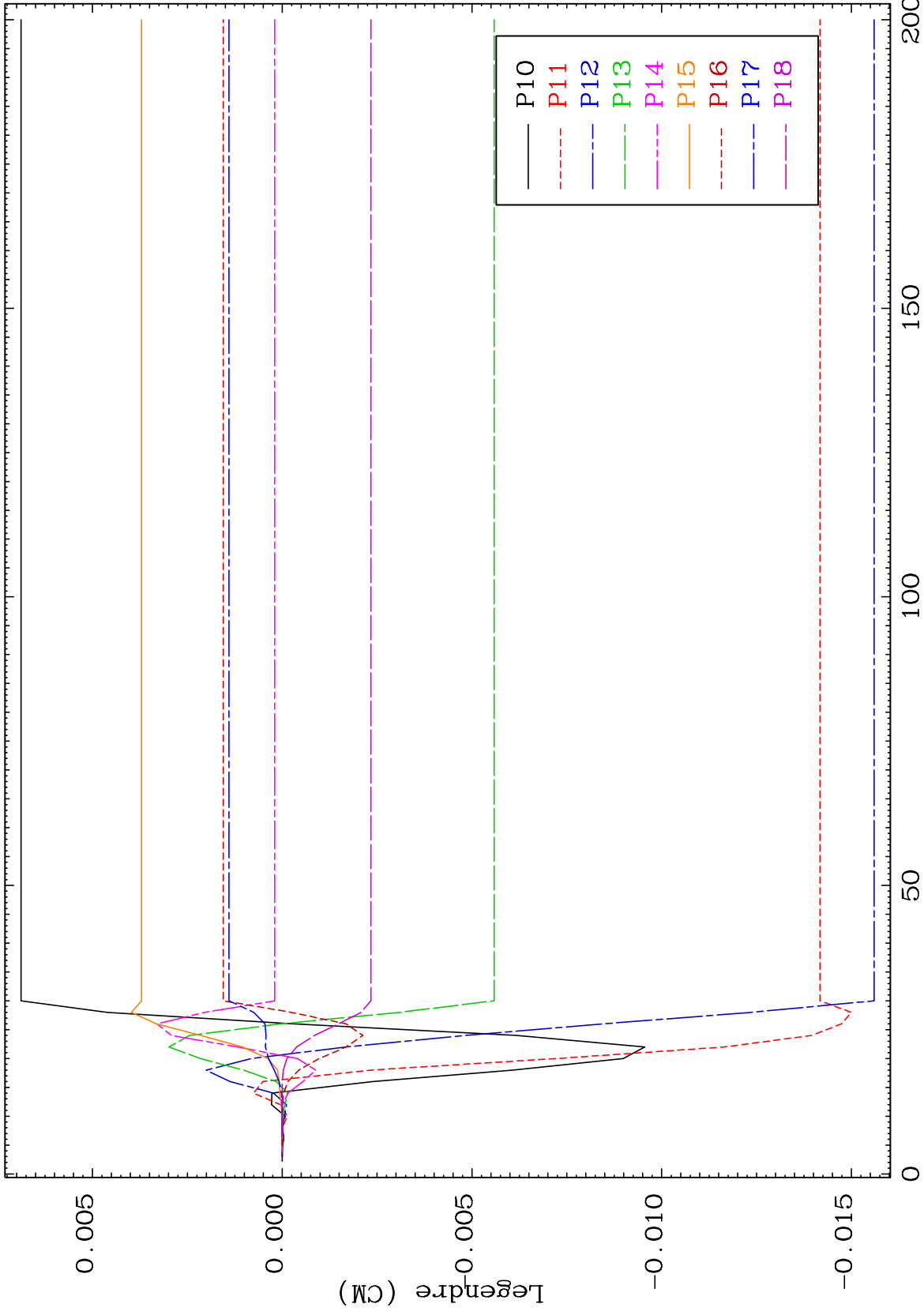
118

81-T1-205

MAT 8131

MT= 78 (n,n') Level  
Legendre Coefficients

81-T1-205



119

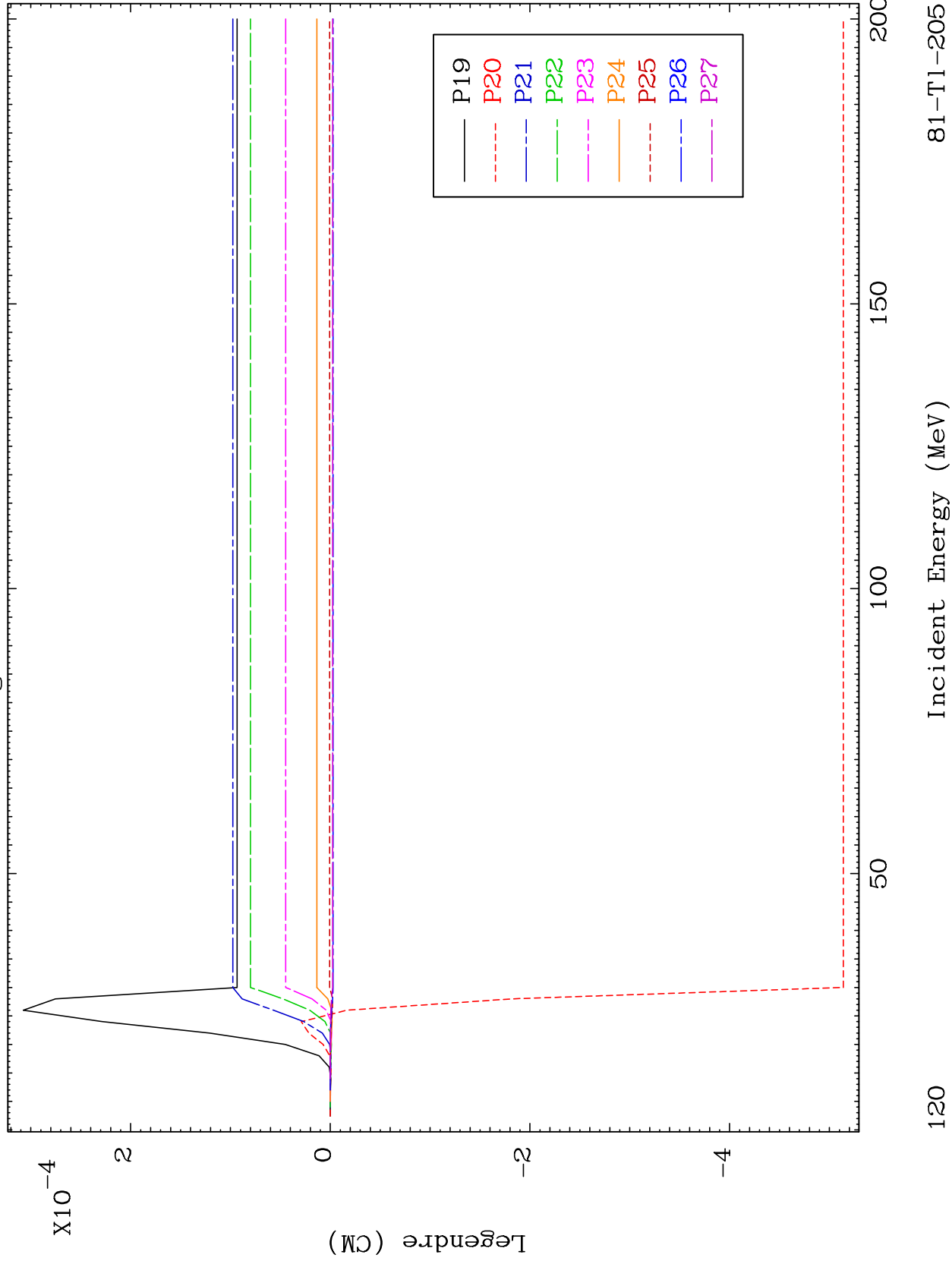
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 78 (n,n') Level  
Legendre Coefficients

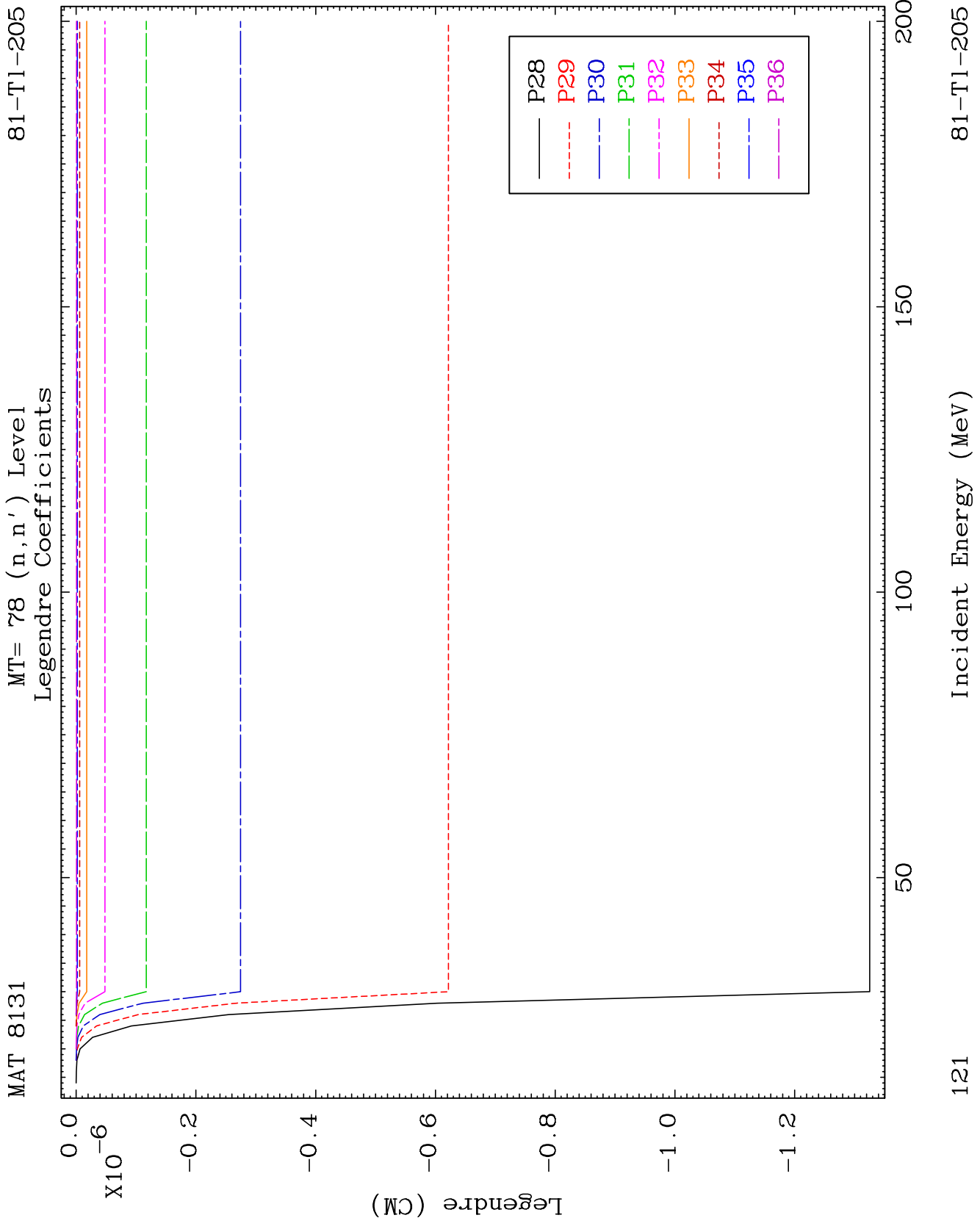
81-T1-205

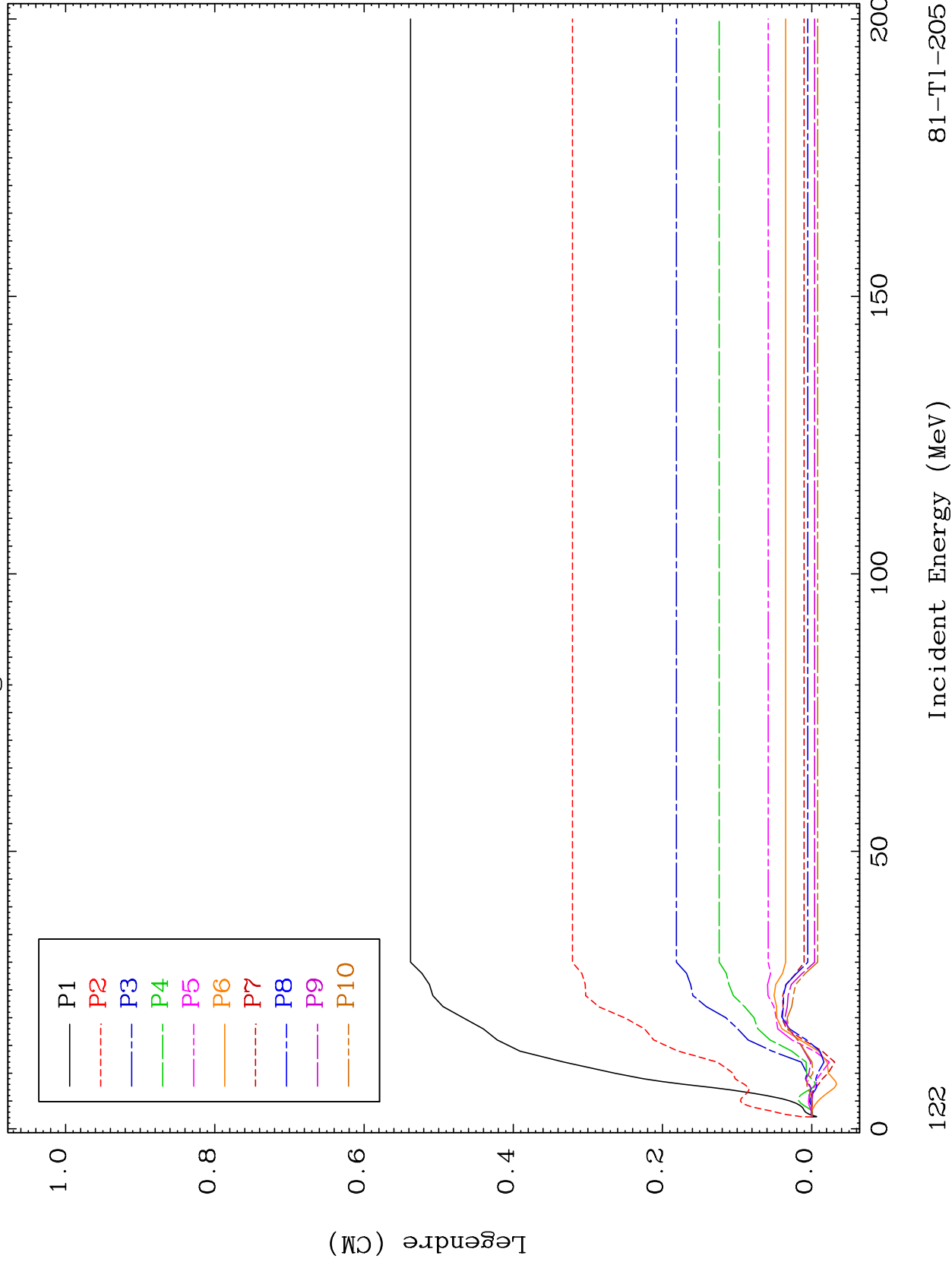


120

Incident Energy (MeV)

81-T1-205

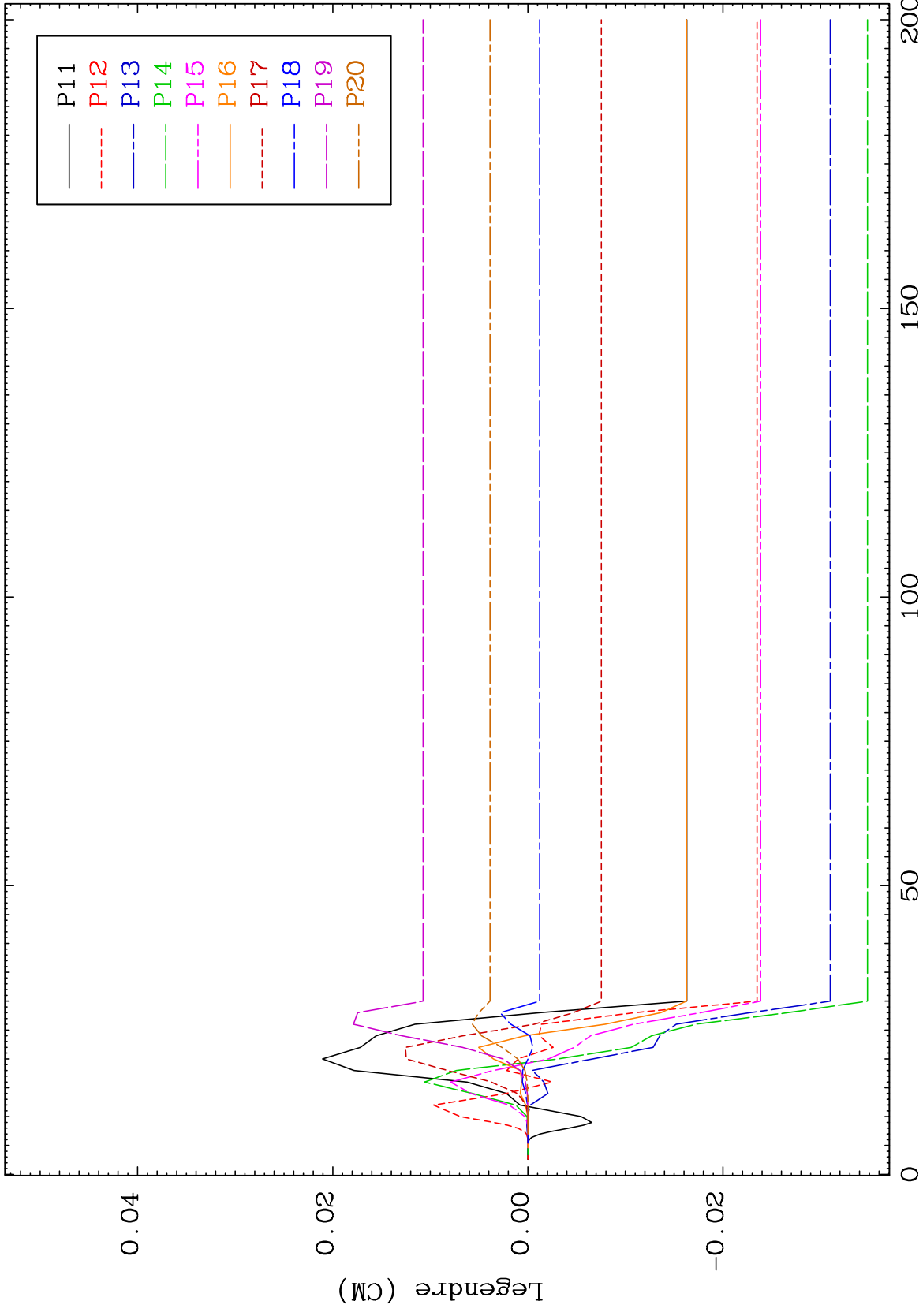




MAT 8131

MT= 79 (n,n') Level  
Legendre Coefficients

81-T1-205



123

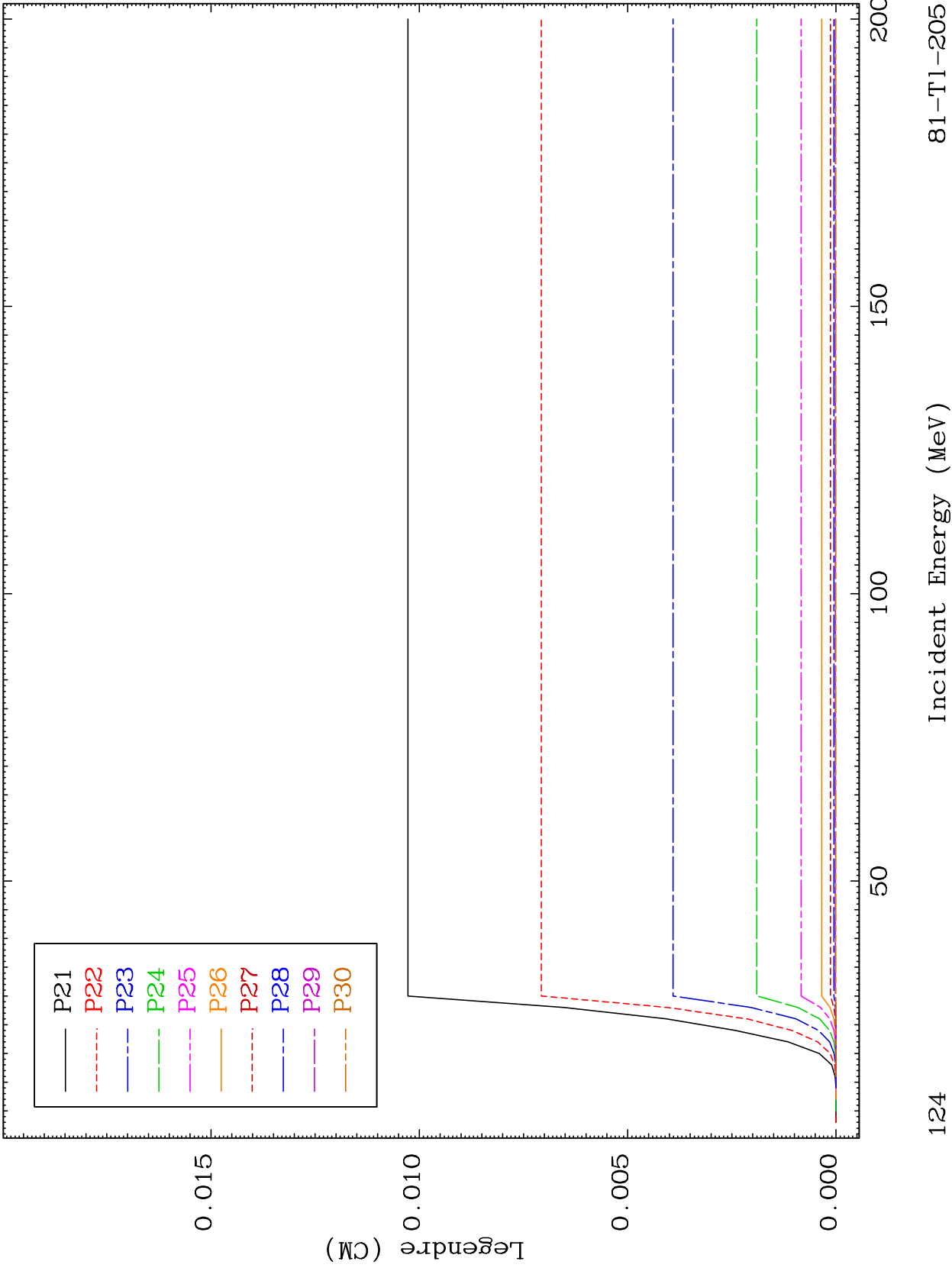
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 79 (n,n') Level  
Legendre Coefficients

81-Tl-205



124

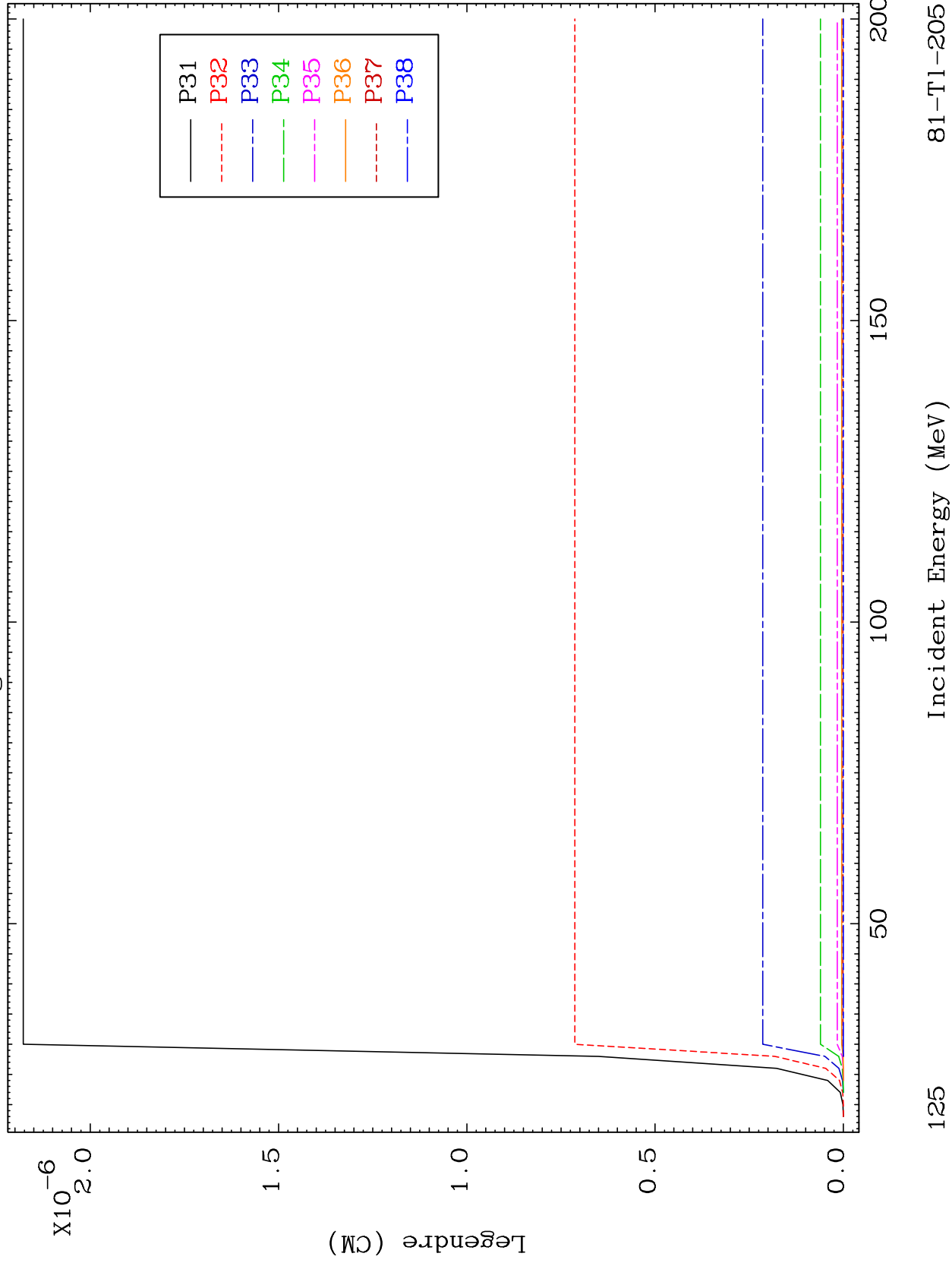
Incident Energy (MeV)

81-Tl-205

MAT 8131

MT= 79 (n,n') Level  
Legendre Coefficients

81-T1-205



81-T1-205

Incident Energy (MeV)

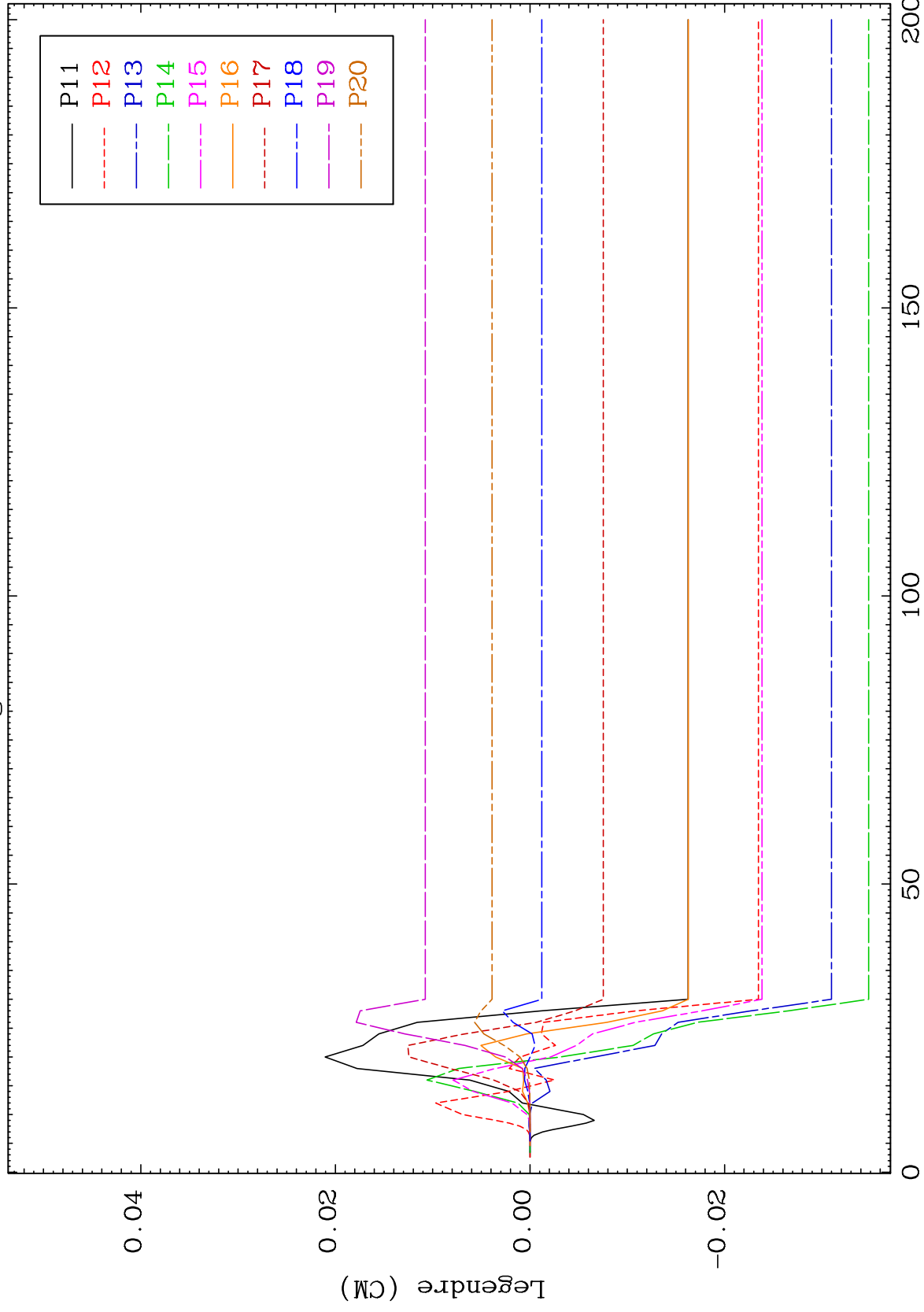
125



MAT 8131

MT= 80 (n,n') Level  
Legendre Coefficients

81-T1-205



127

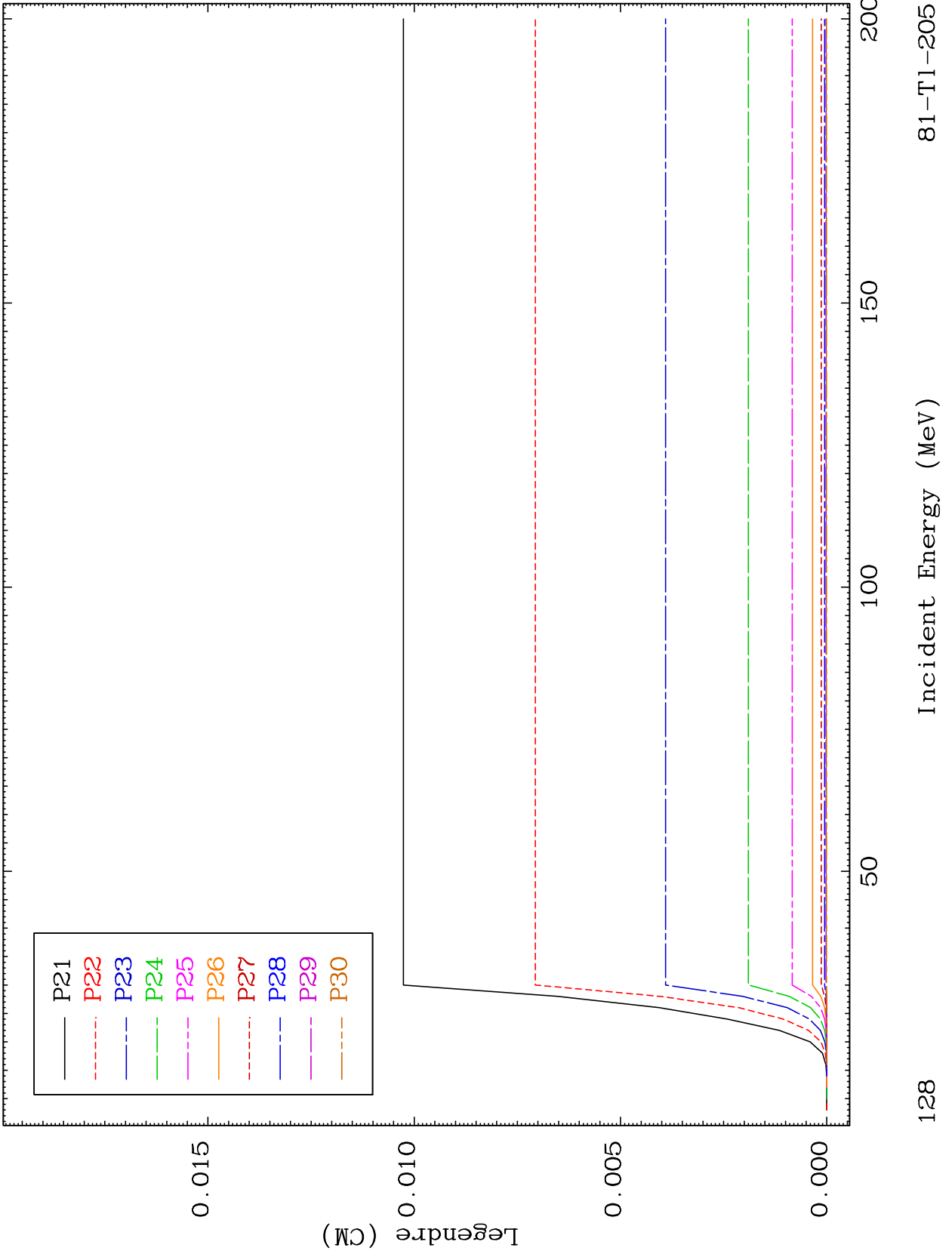
Incident Energy (MeV)

81-T1-205

MAT 8131

MT= 80 (n,n') Level  
Legendre Coefficients

81-Tl-205



128

Incident Energy (MeV)

81-Tl-205

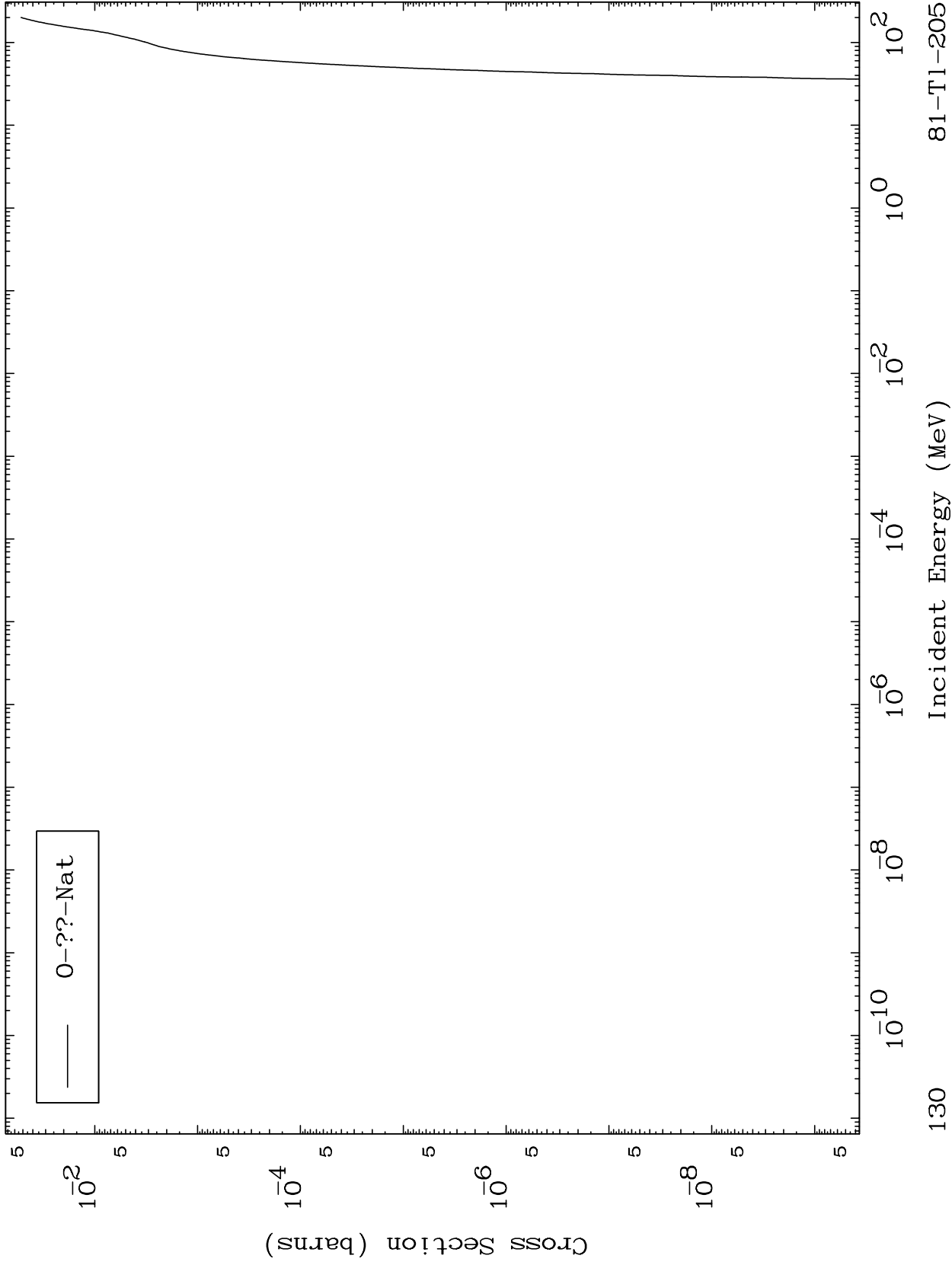


MAT 8131

Fission

81-Tl-205

Radionuclide Production Cross Section



130

Incident Energy (MeV)

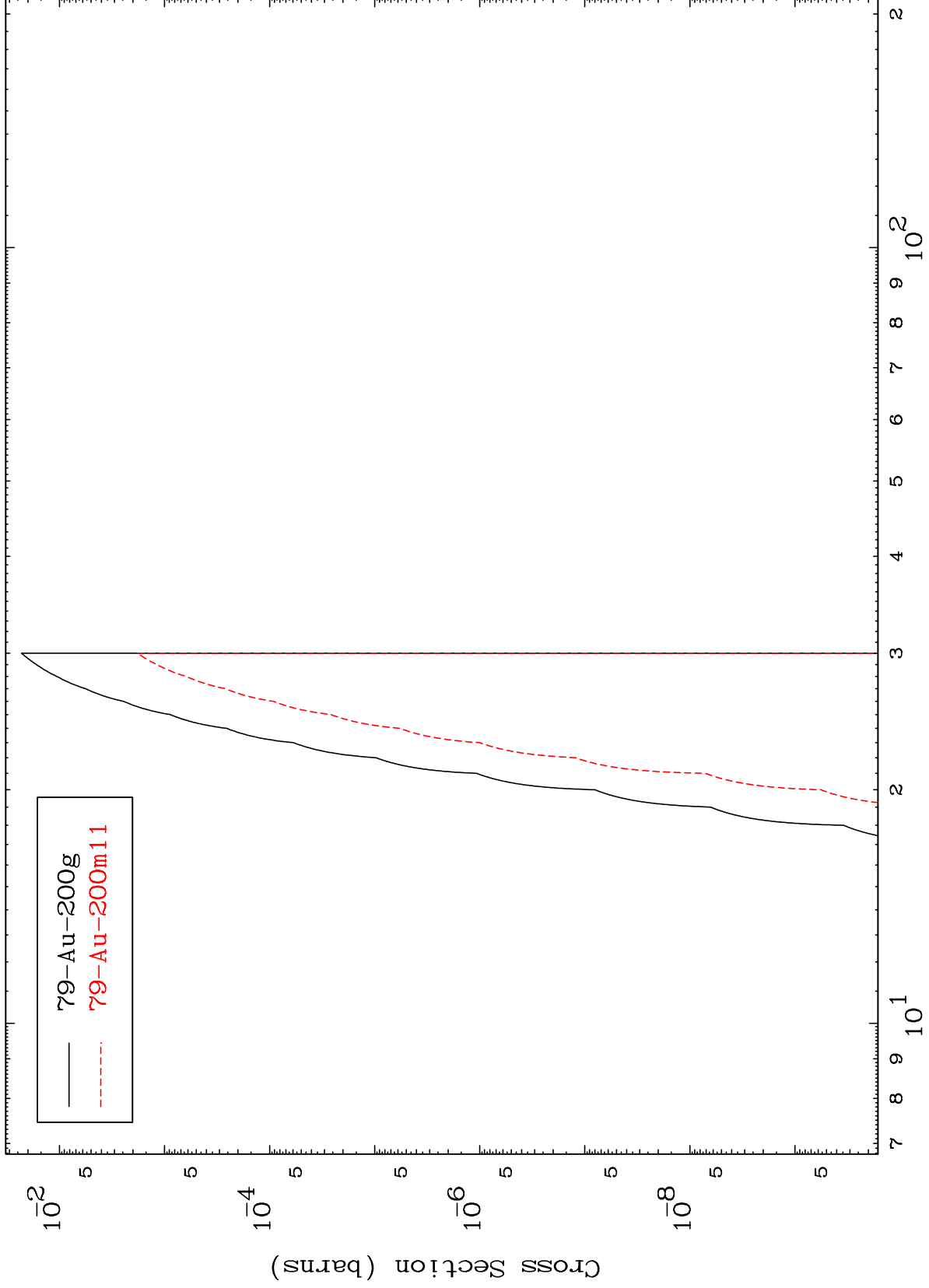
81-Tl-205

MAT 8131

(n,2n)  $\alpha$

81-Tl-205

Radionuclide Production Cross Section



131

Incident Energy (MeV)

81-Tl-205

MAT 8131

81-Tl-205

$(n, \gamma)$   
Radionuclide Production Cross Section

