

Program EVALPLOT  
(Version 2021-1)

by

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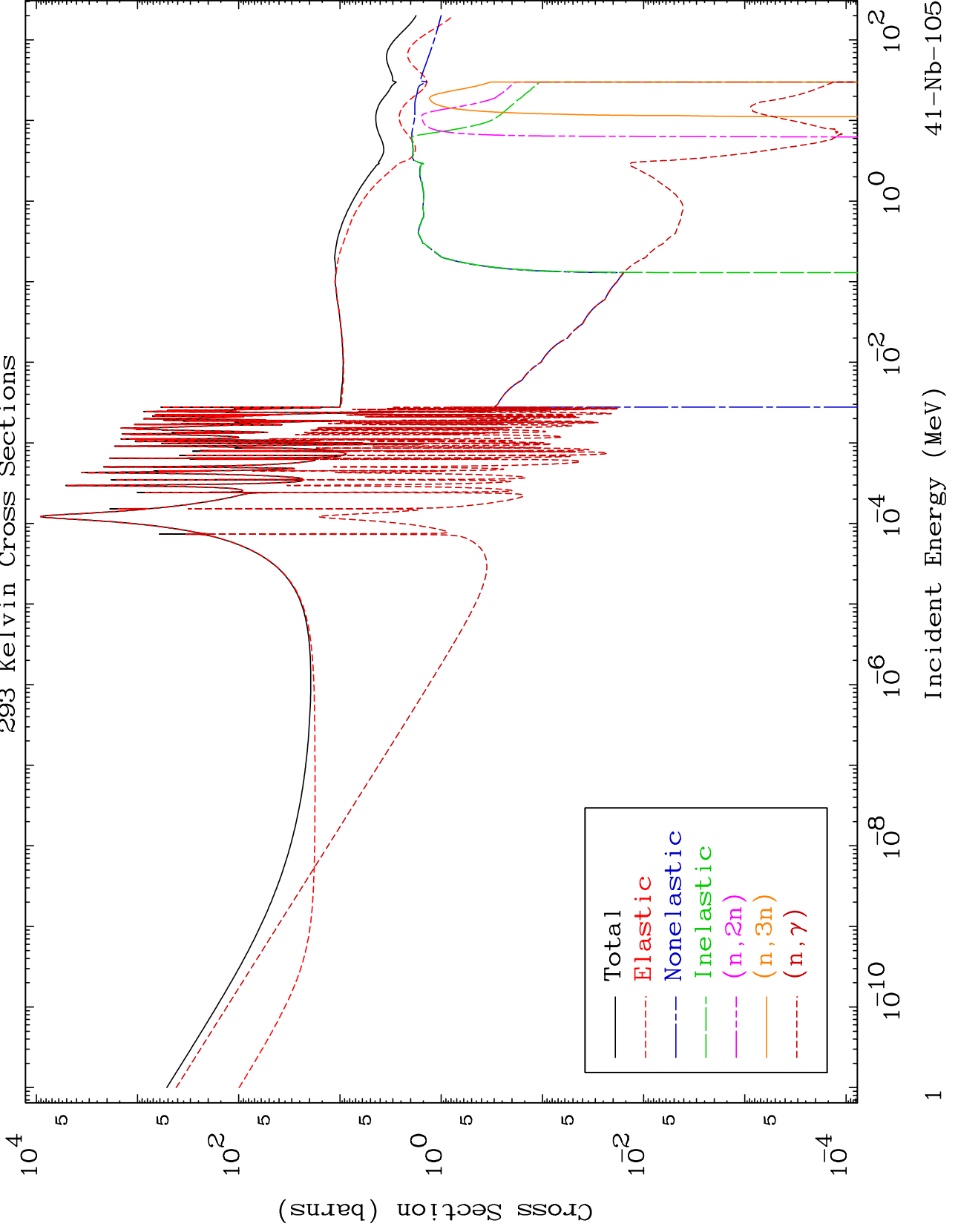
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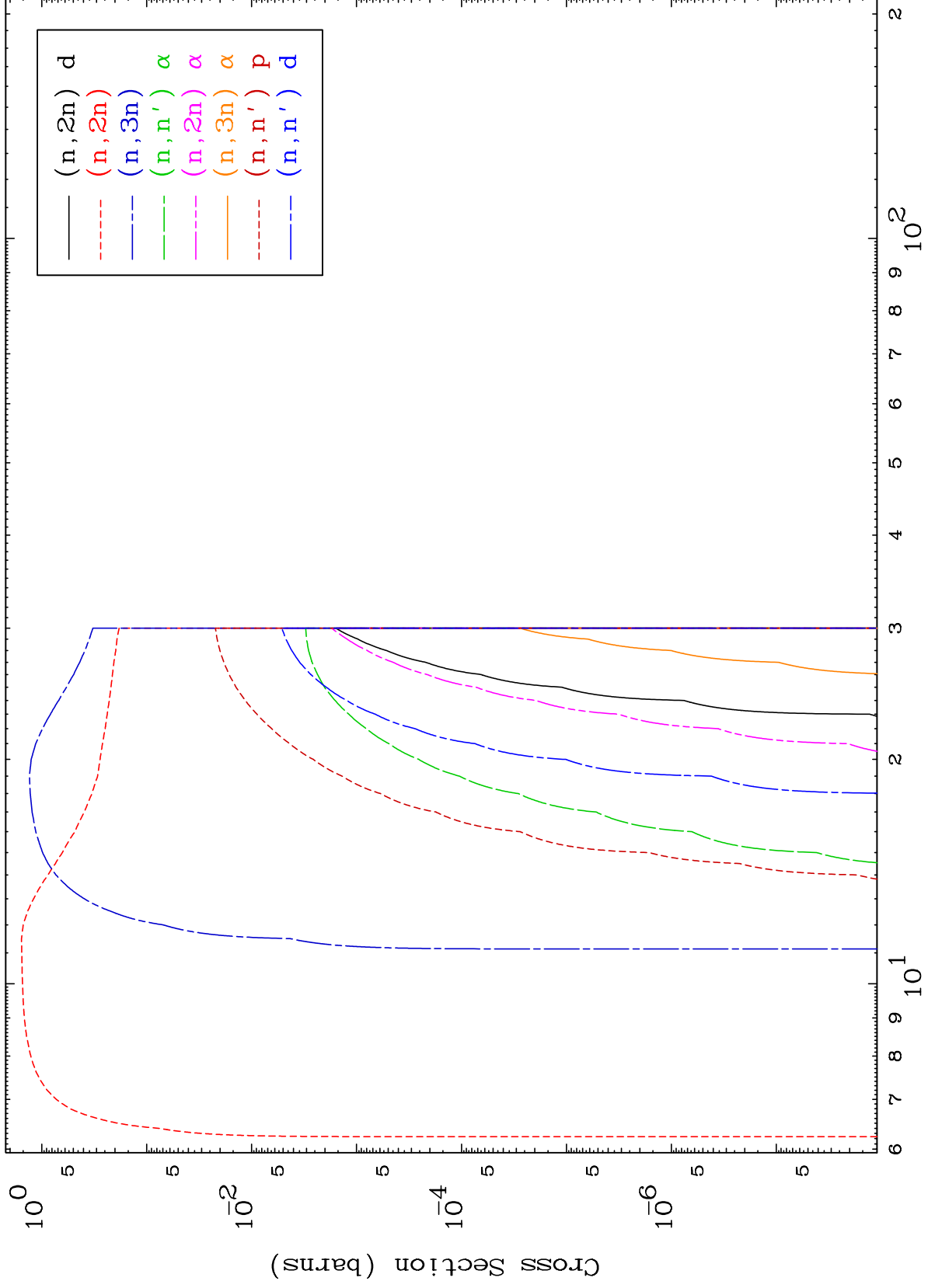
Press Mouse Button to Start

MAT 4161

Neutron Major  
293 Kelvin Cross Sections

41-Nb-105

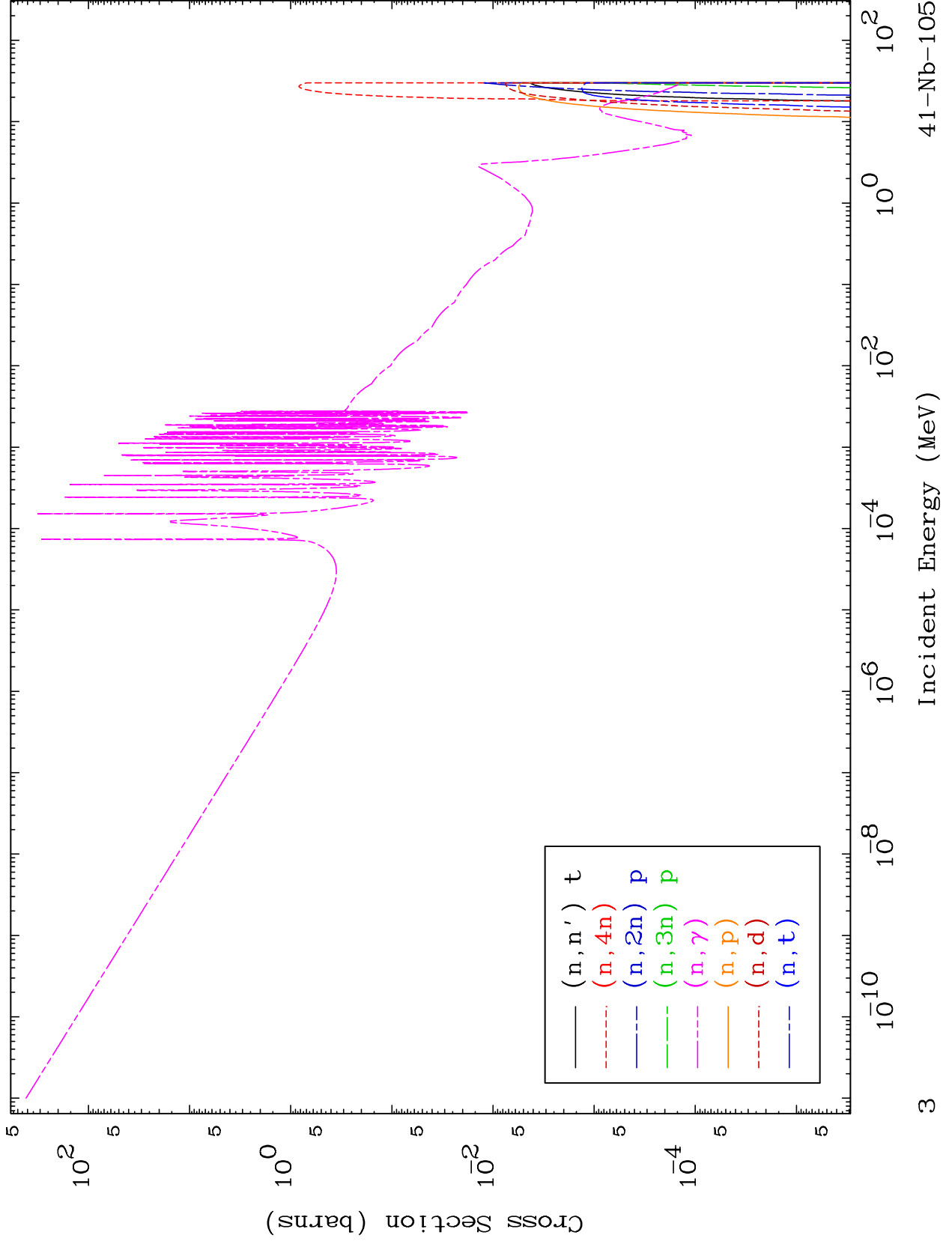


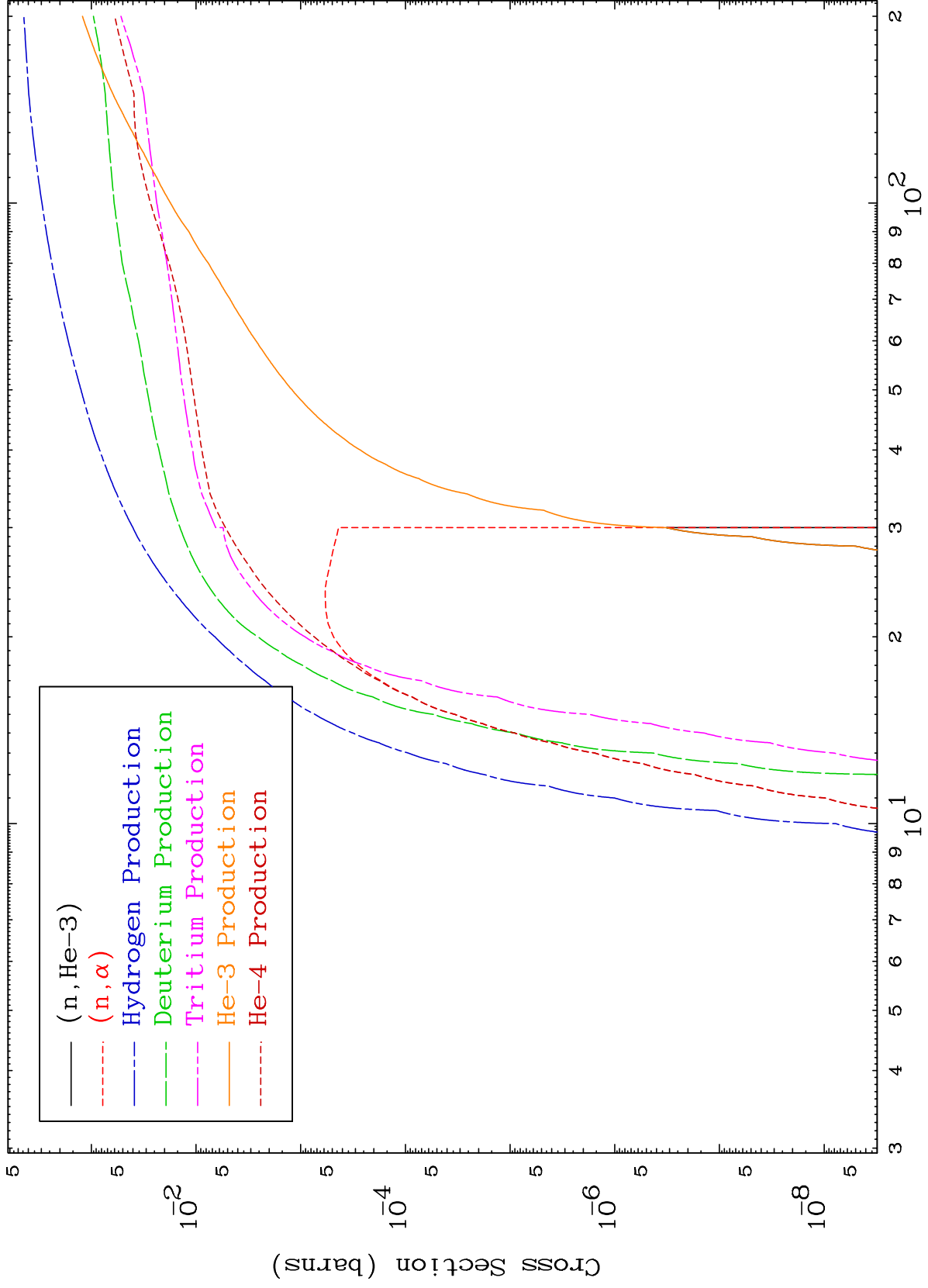


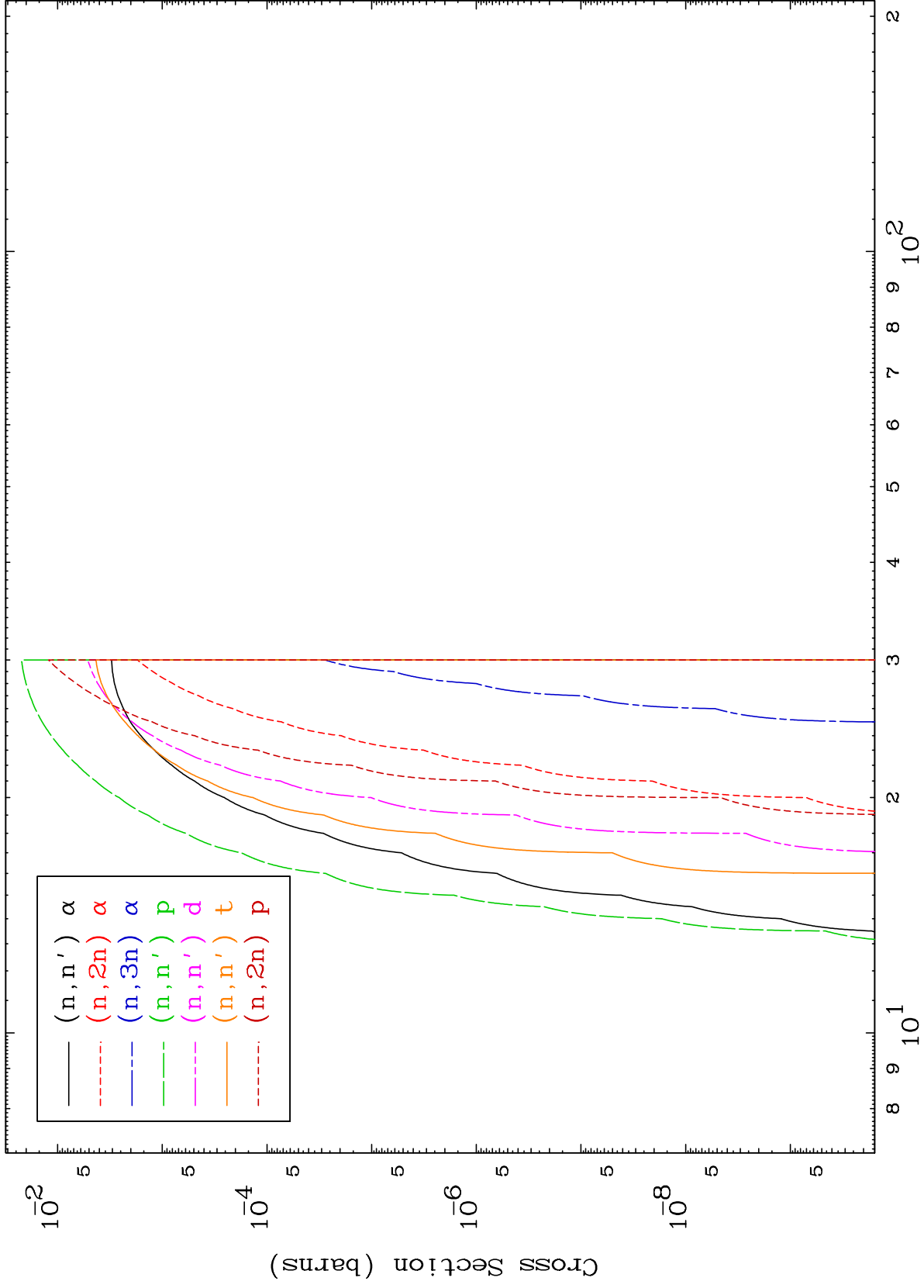
MAT 4161

Neutron Absorption  
293 Kelvin Cross Sections

41-Nb-105



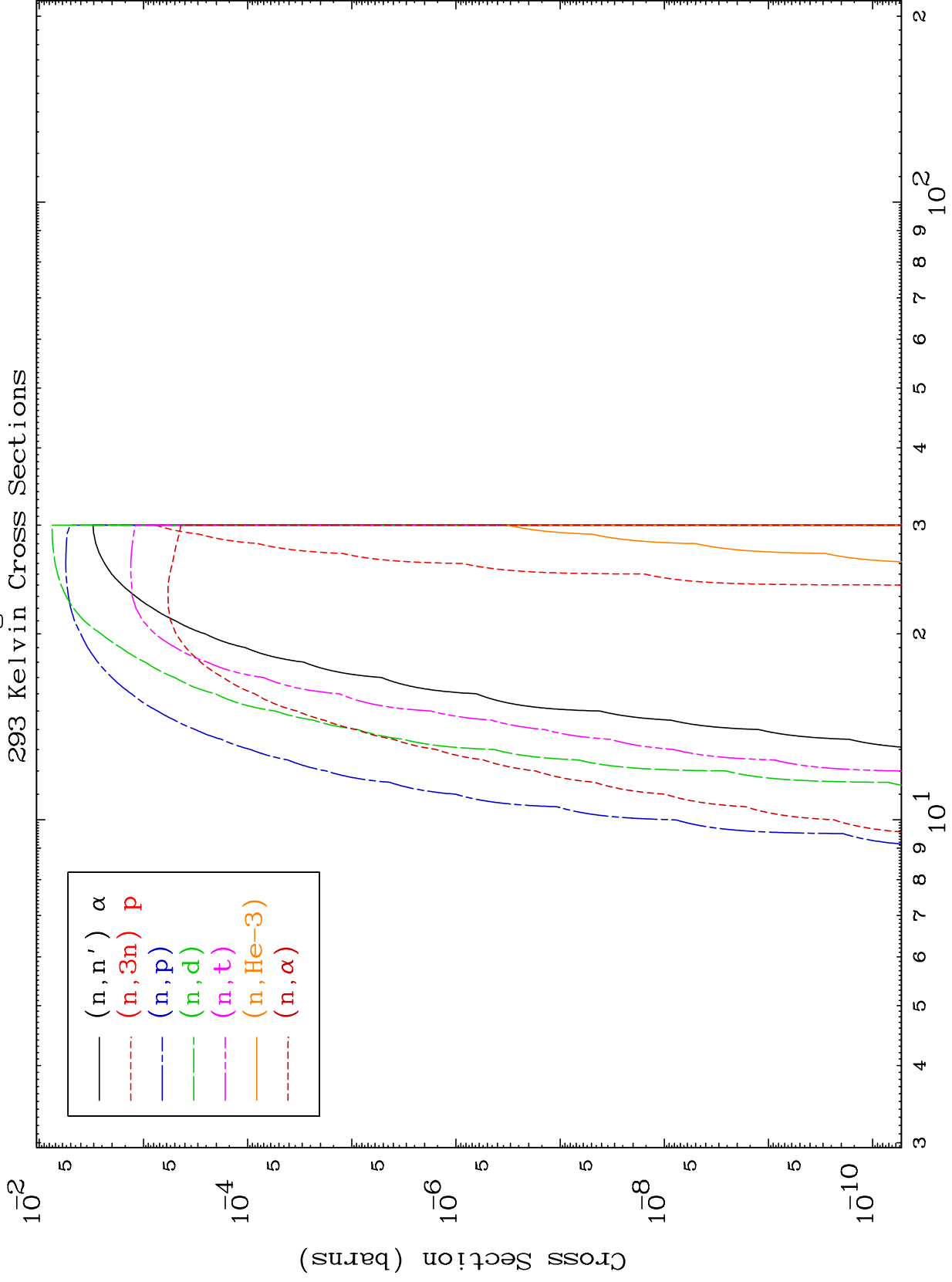




MAT 4161

Charged Particle  
293 Kelvin Cross Sections

41-Nb-105



6

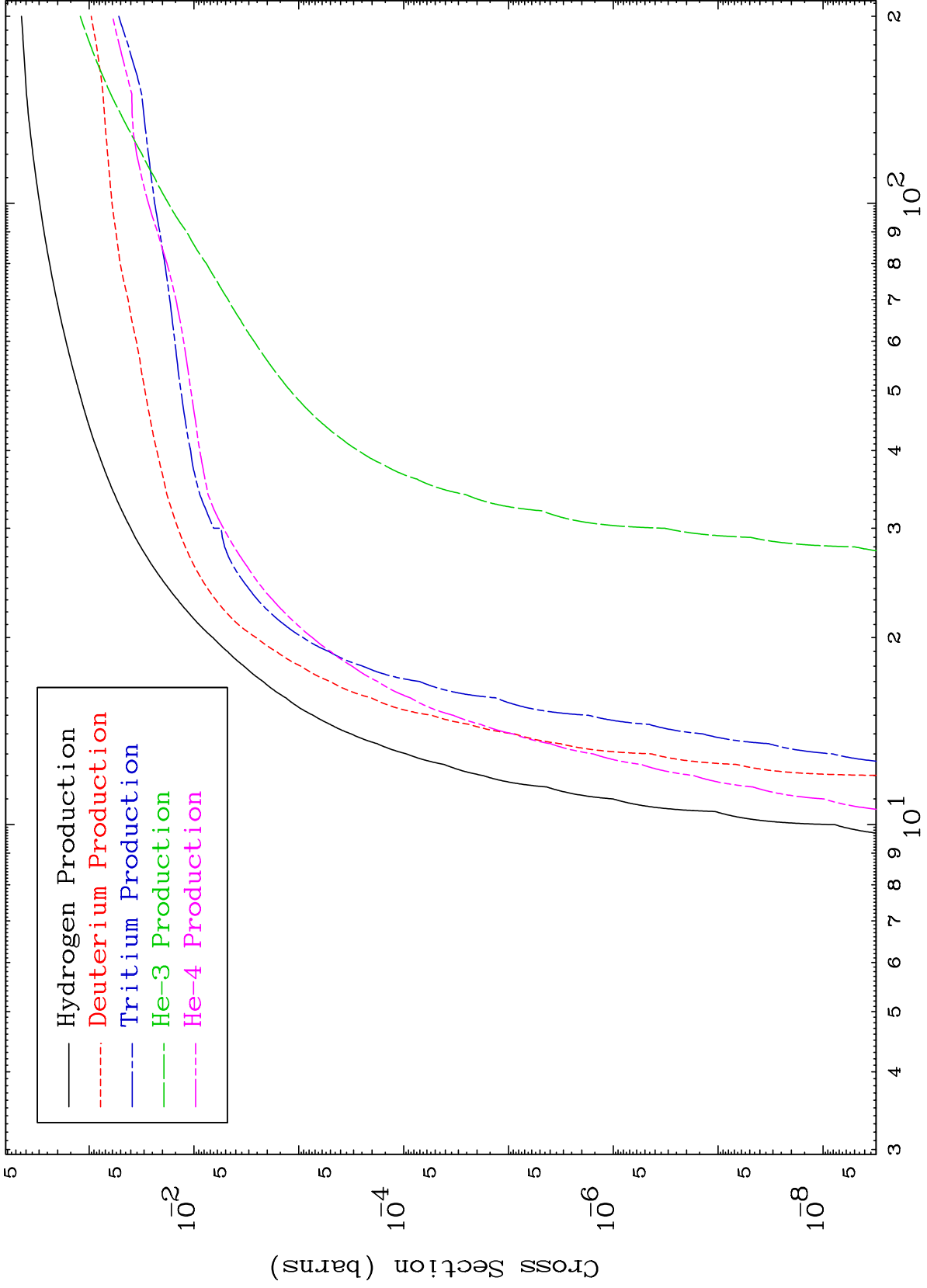
Incident Energy (MeV)

41-Nb-105

MAT 4161

Particle Production  
293 Kelvin Cross Sections

41-Nb-105



7

Incident Energy (MeV)

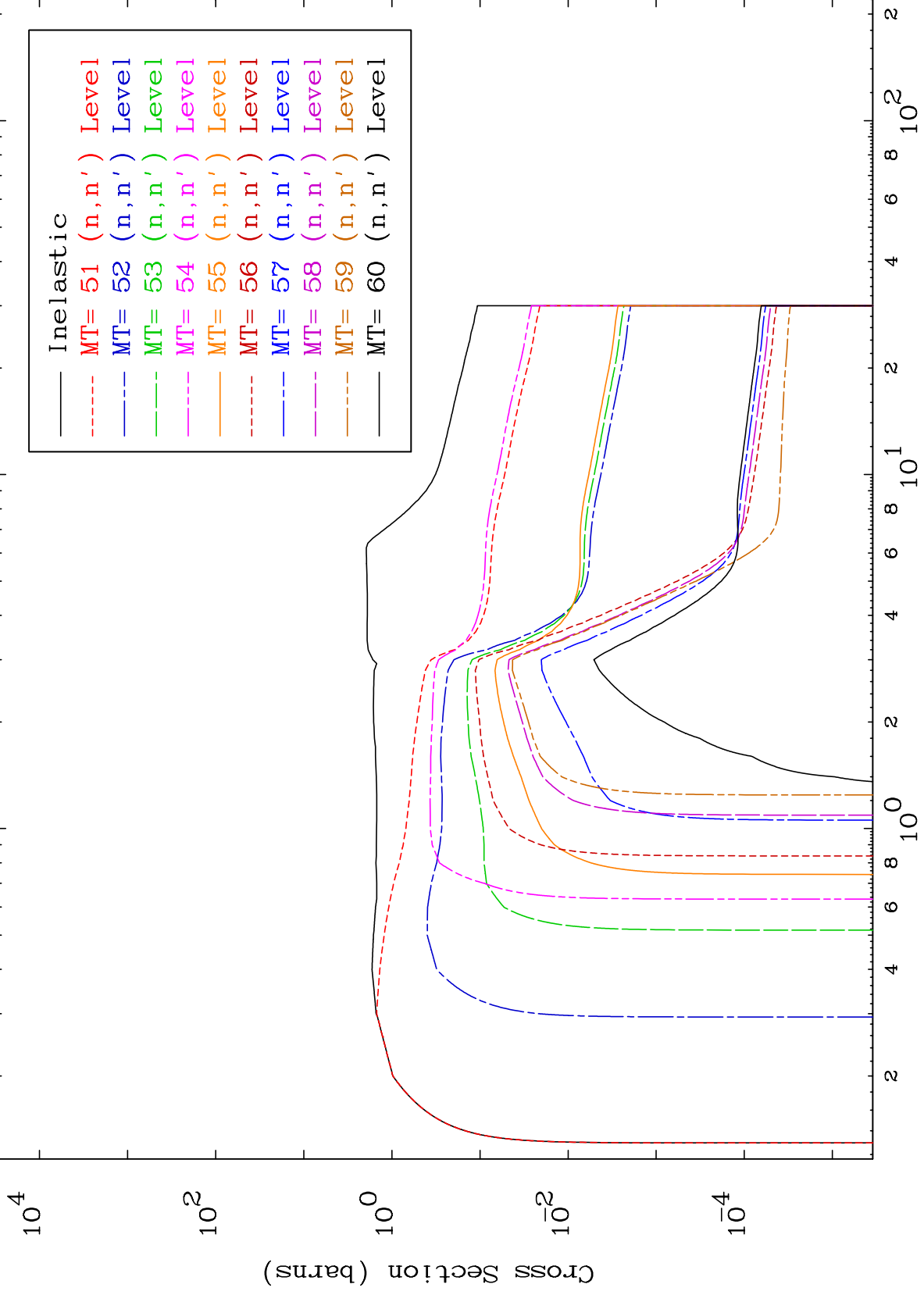
41-Nb-105

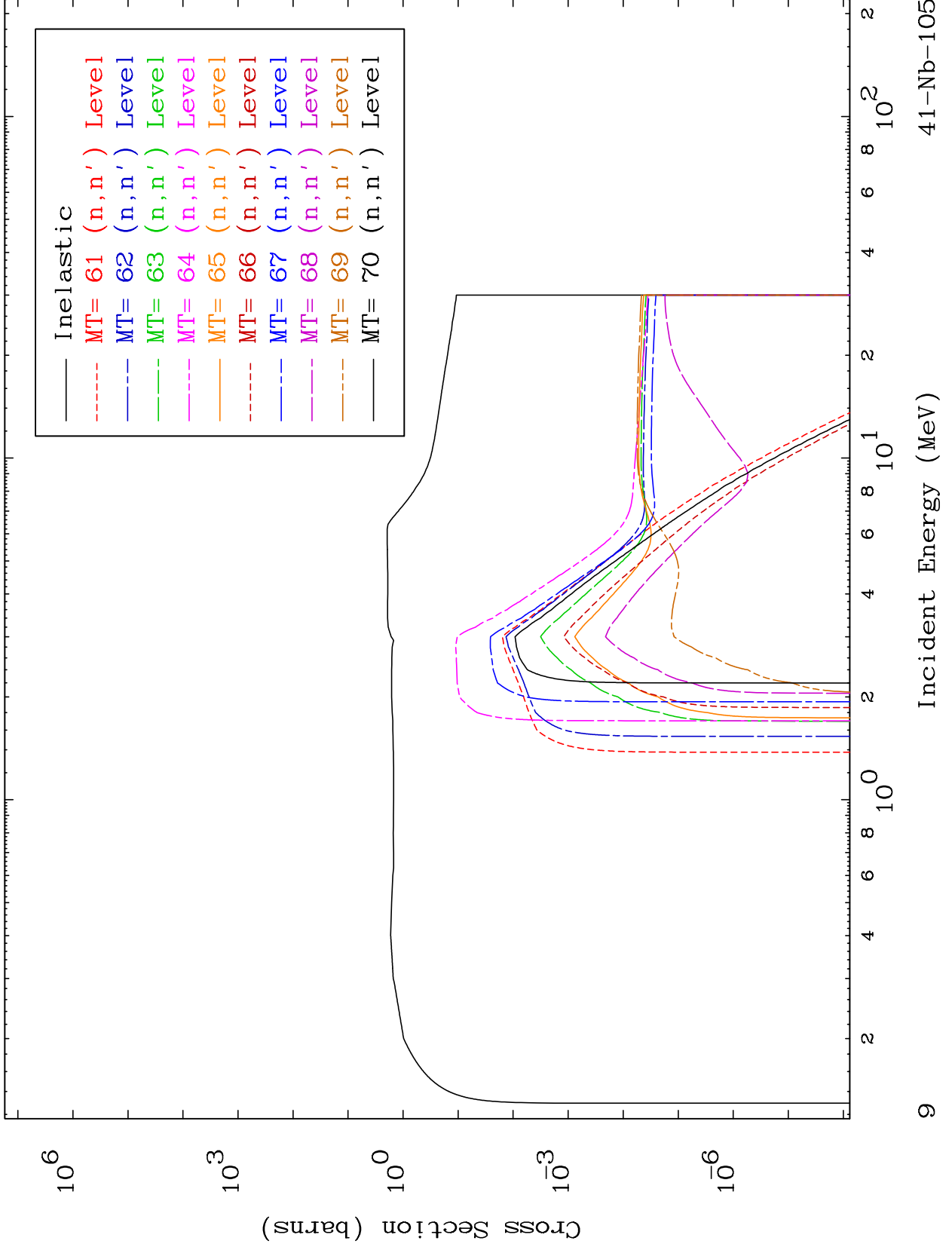
MAT 4161

(n,n') Levels

41-Nb-105

293 Kelvin Cross Sections

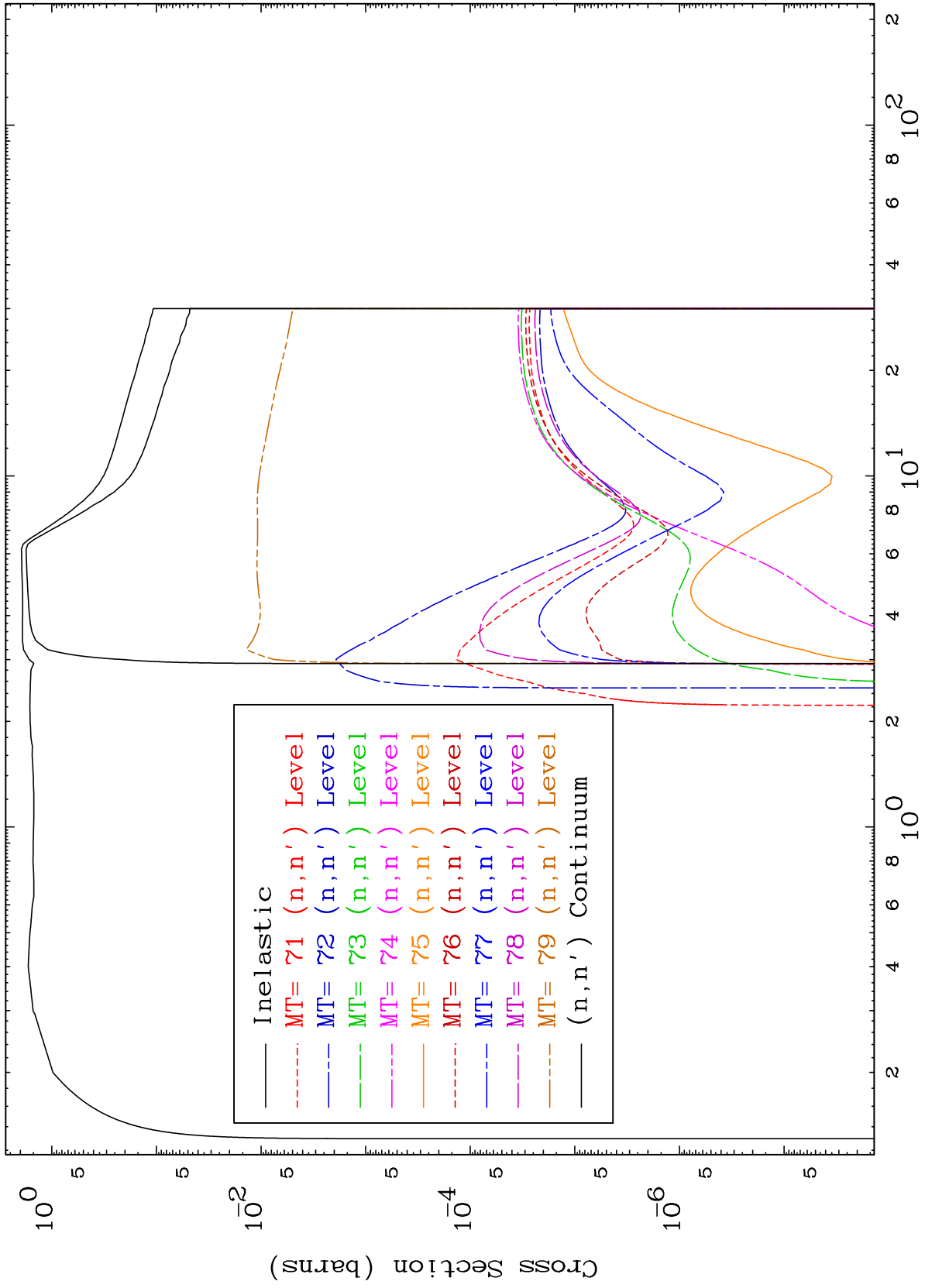




MAT 4161

41-Nb-105

(n,n') Levels  
293 Kelvin Cross Sections



10

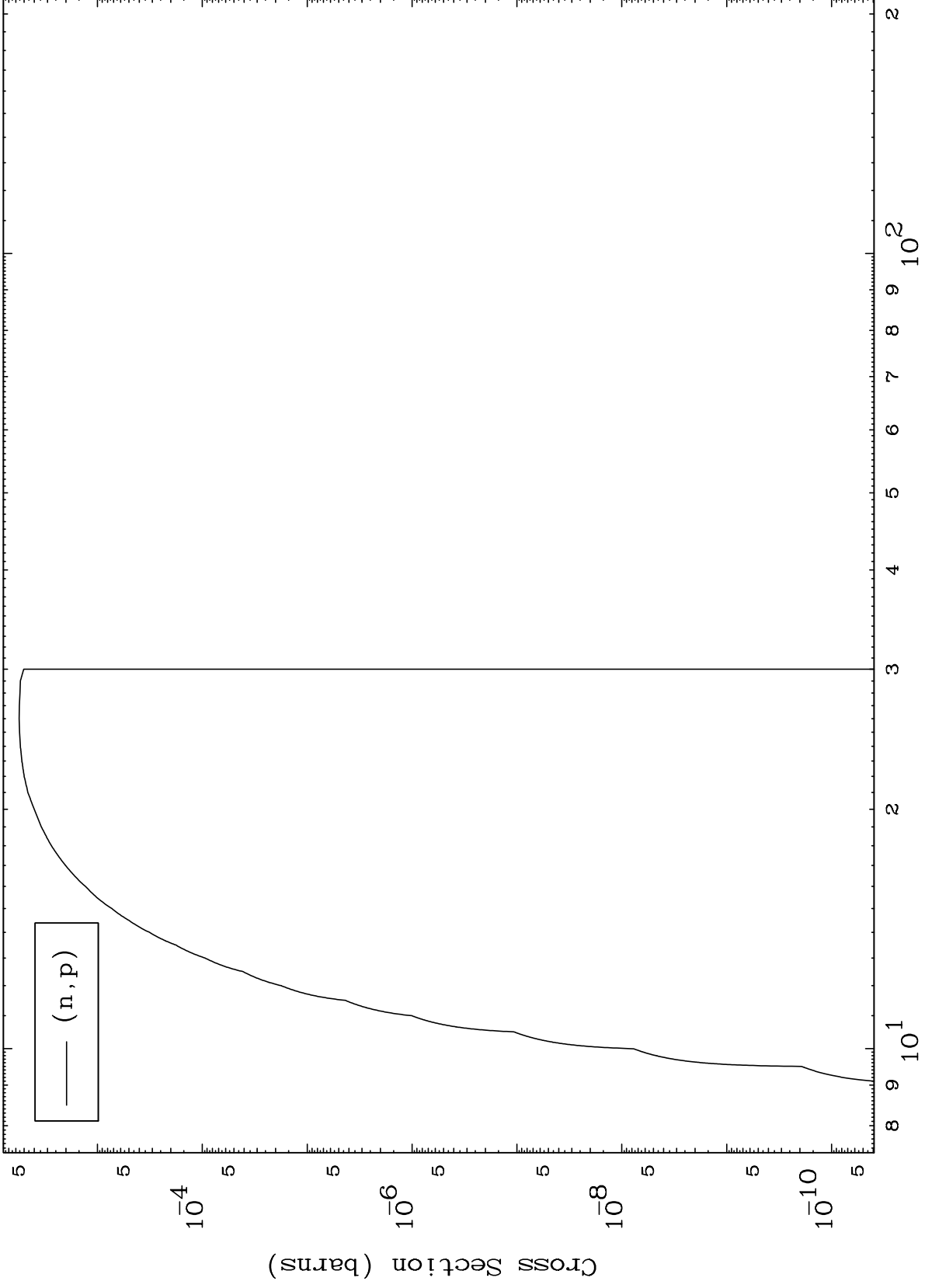
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-105



11

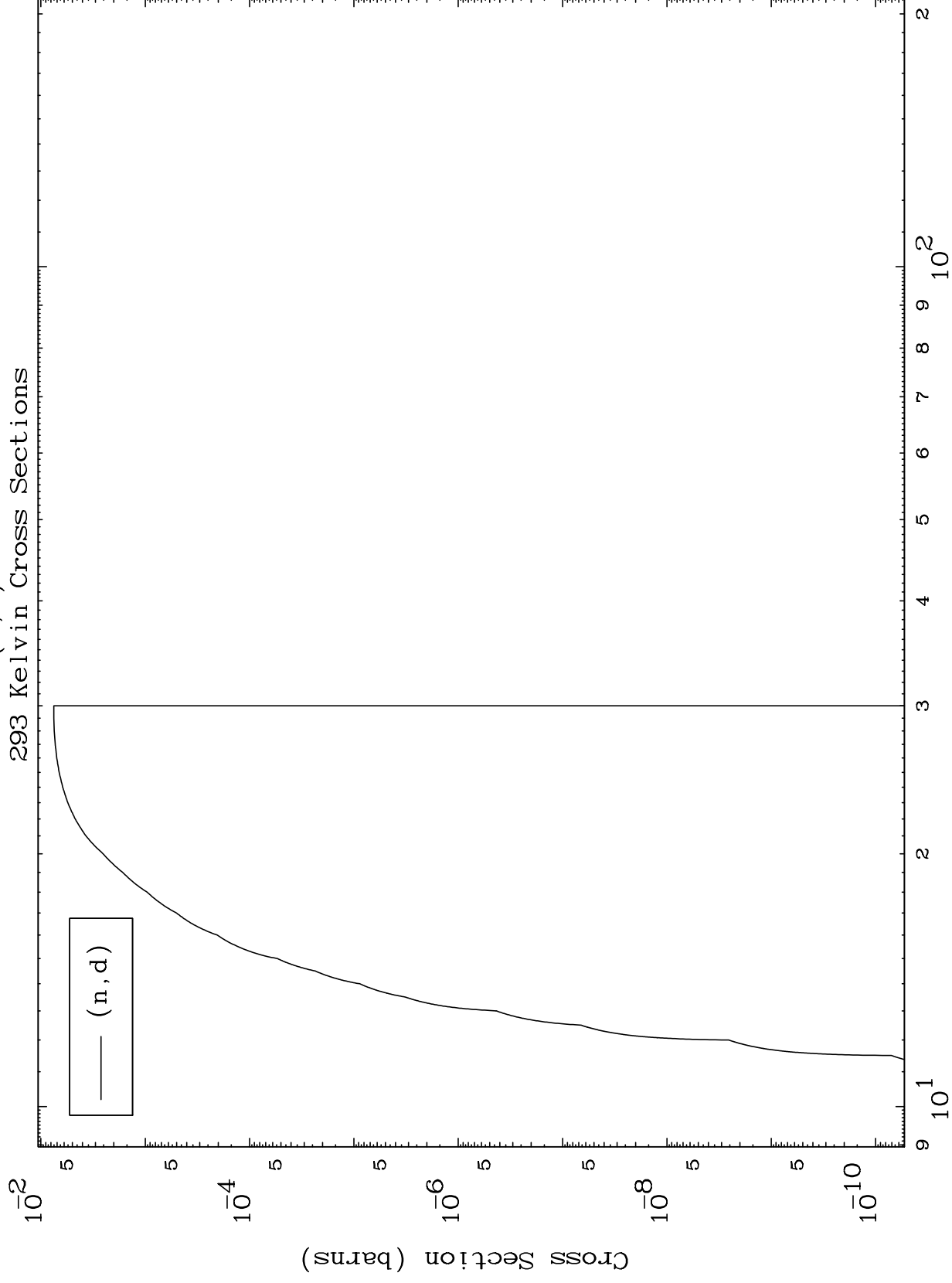
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

(n,d) Levels  
293 Kelvin Cross Sections



41-Nb-105

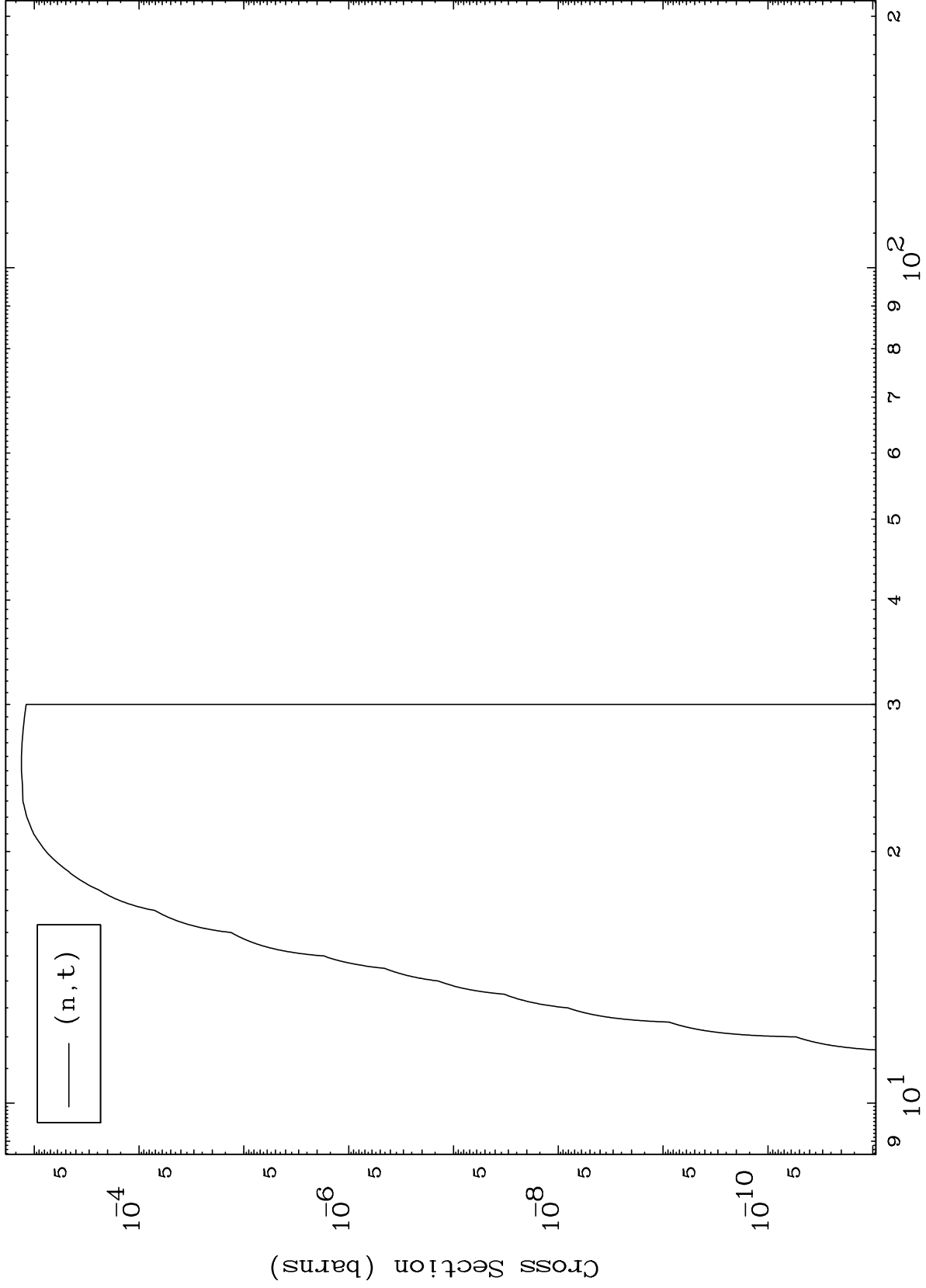
Incident Energy (MeV)

12

MAT 4161

(n,t) Levels  
293 Kelvin Cross Sections

41-Nb-105



13

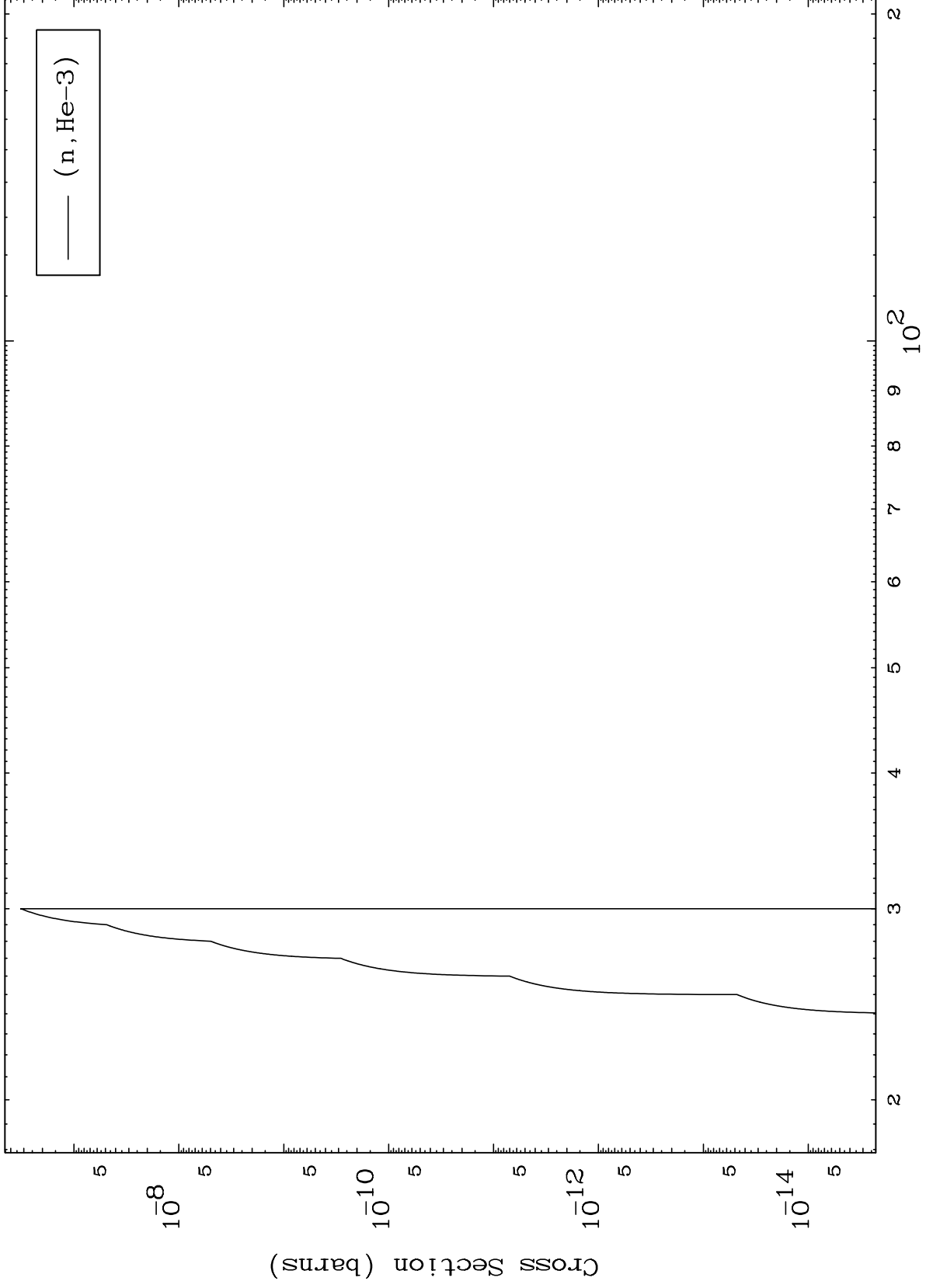
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-105



14

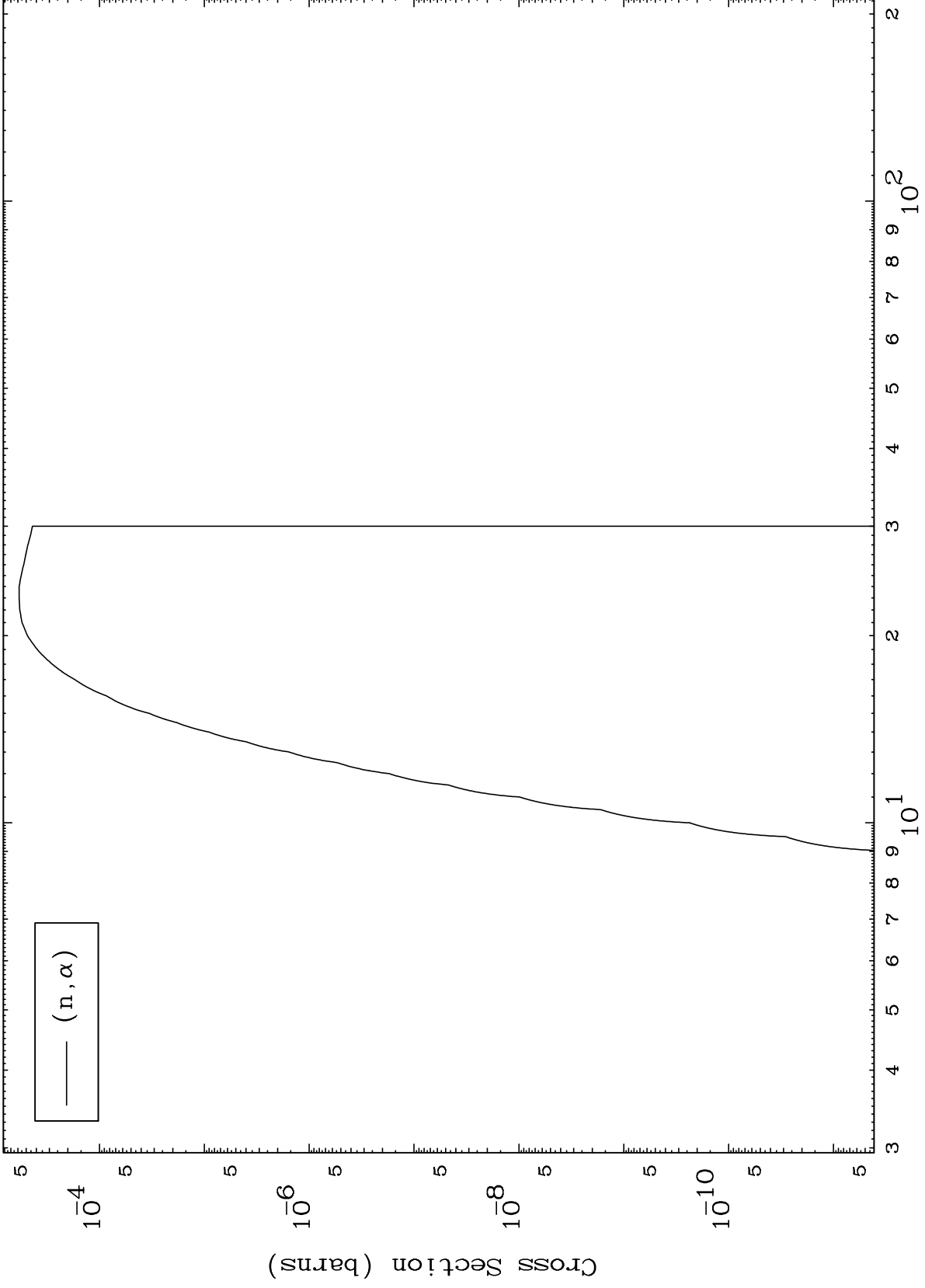
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



15

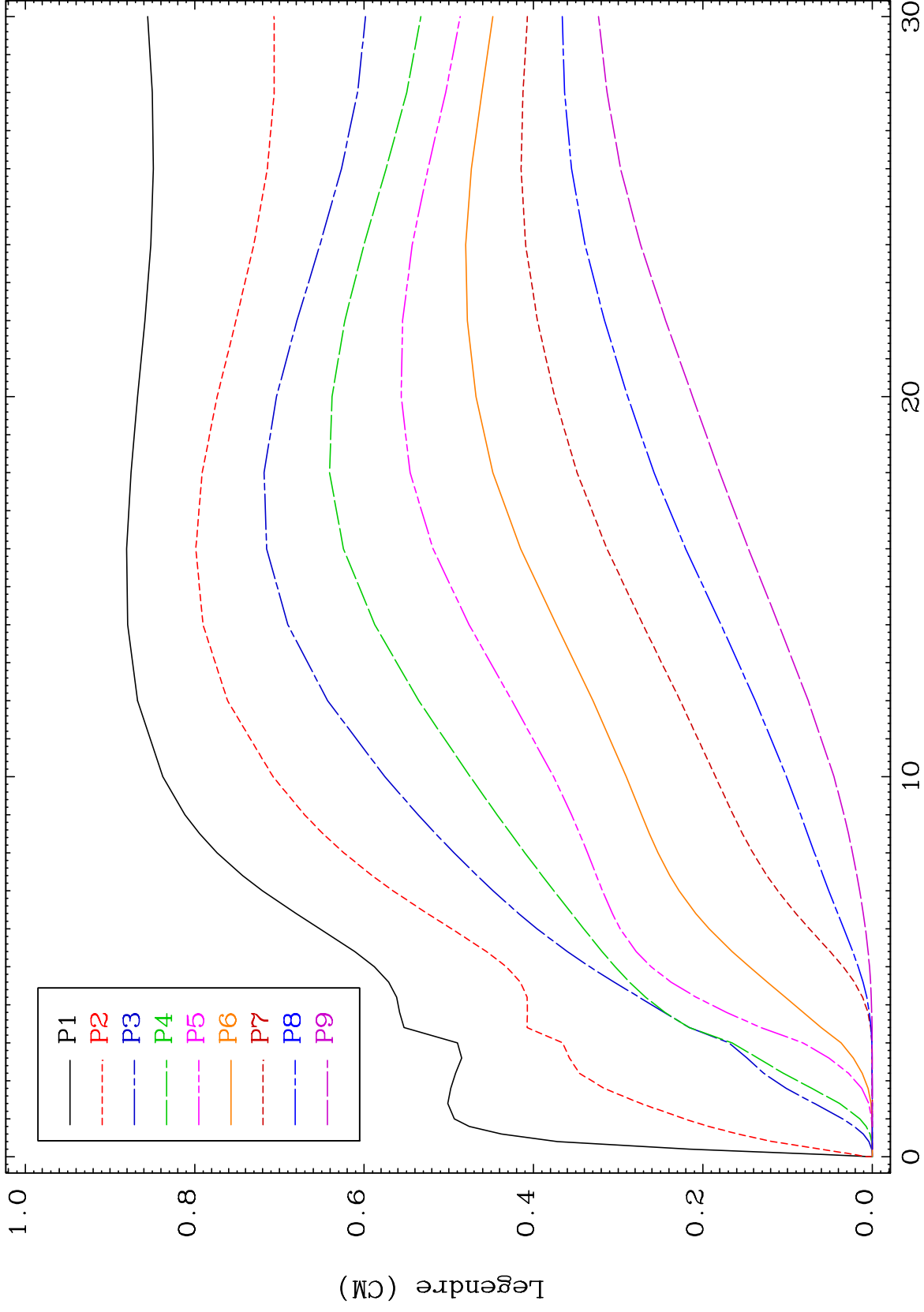
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

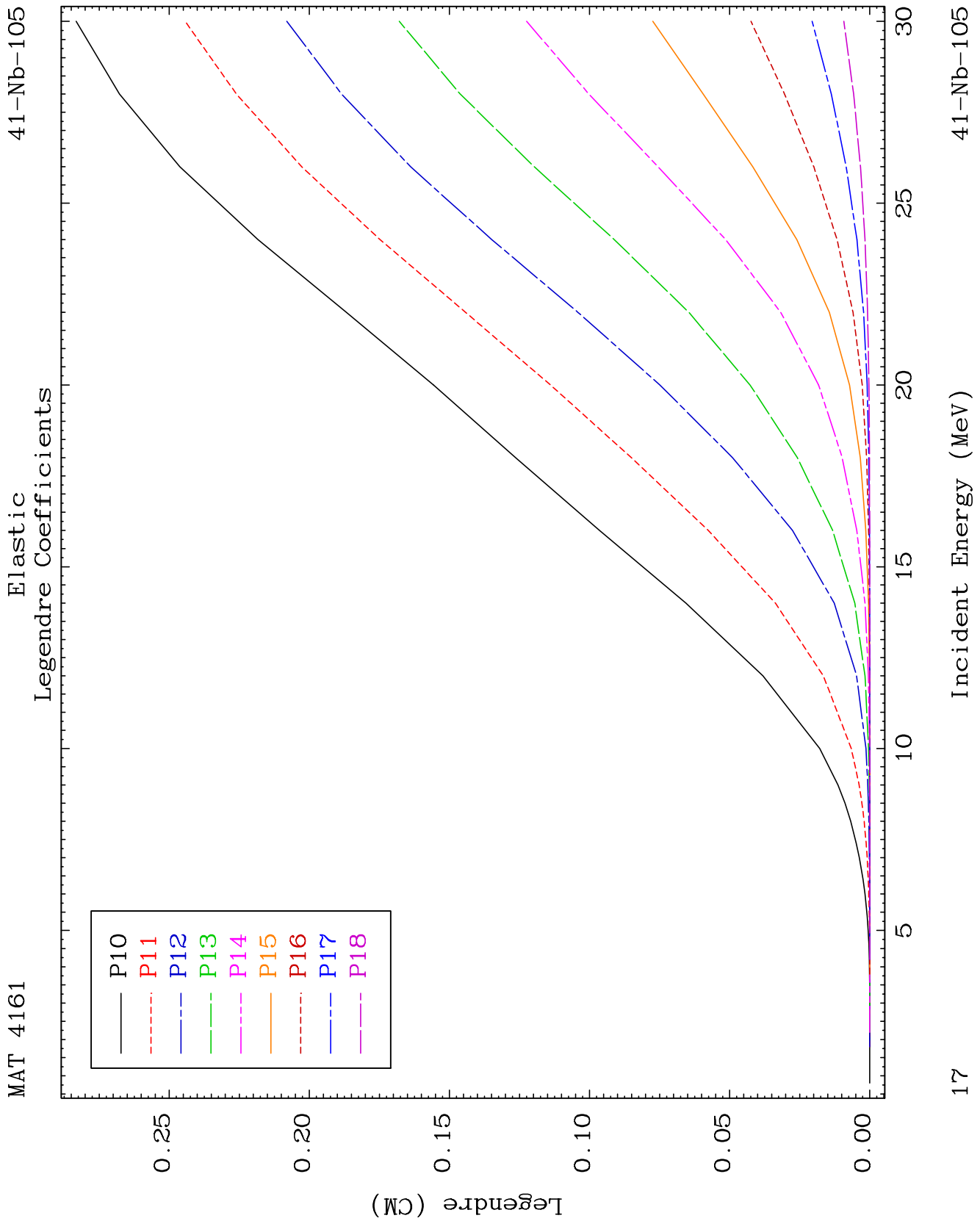
Elastic Legendre Coefficients



41-Nb-105

Incident Energy (MeV)

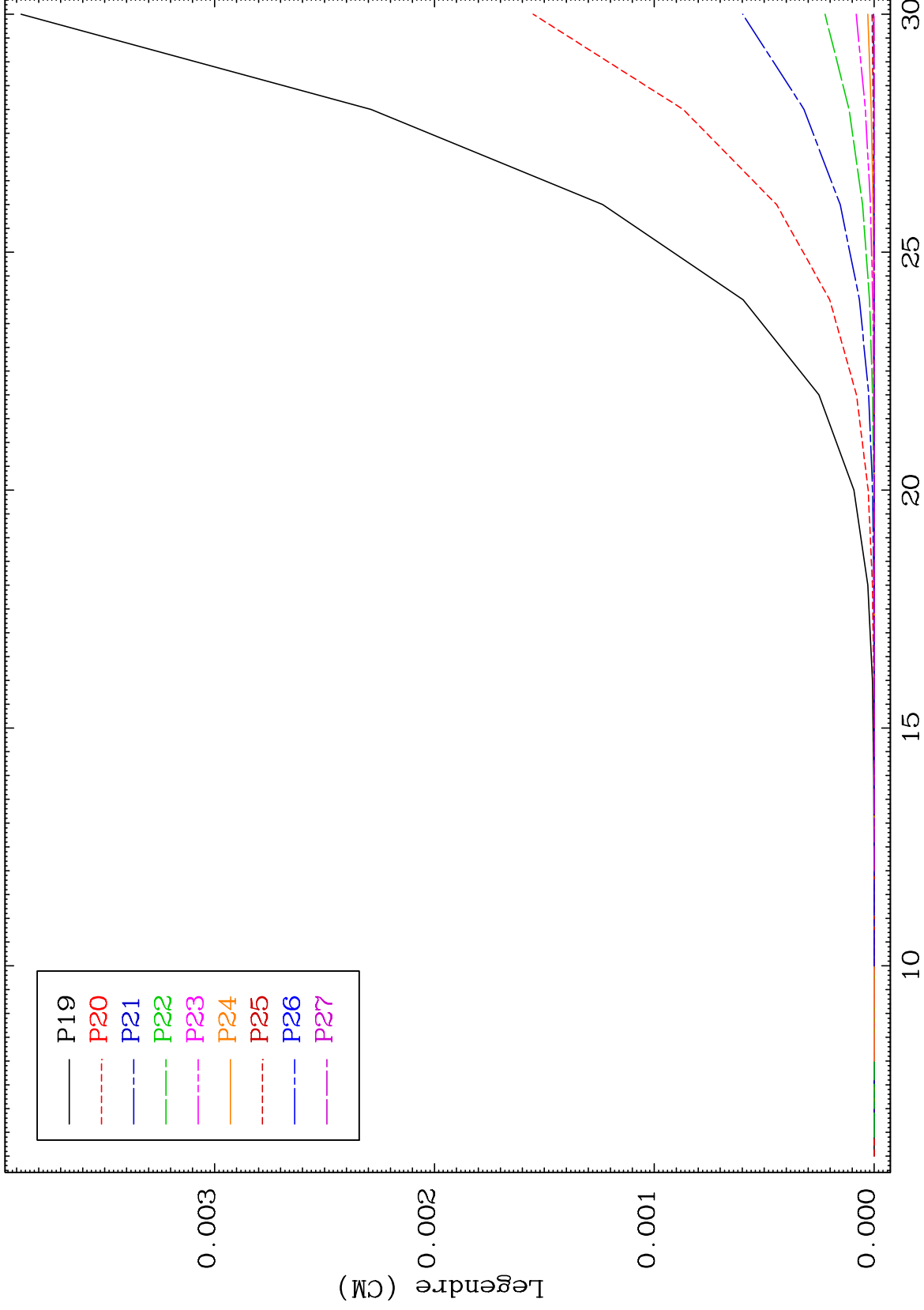
16



MAT 4161

Elastic  
Legendre Coefficients

41-Nb-105



18

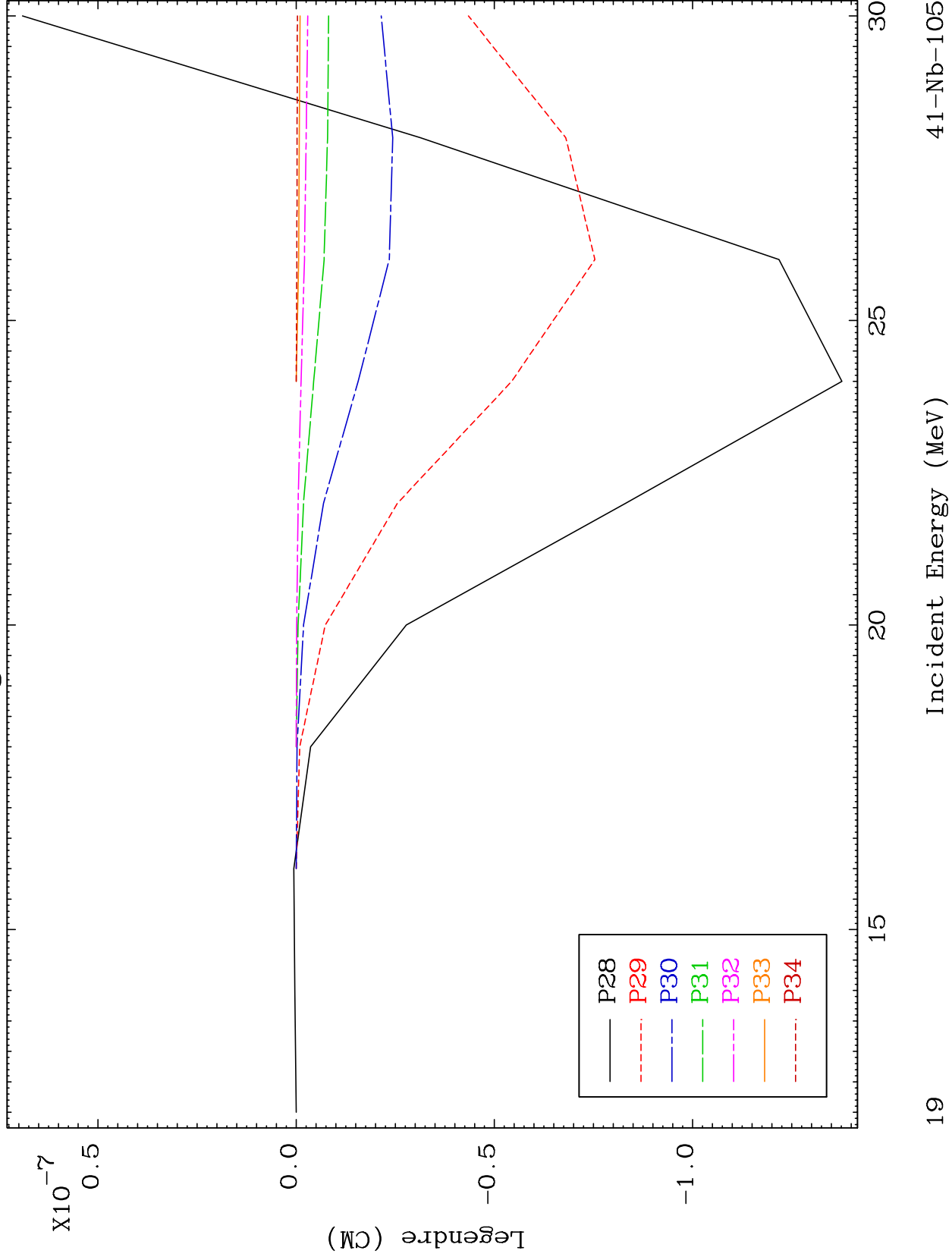
Incident Energy (MeV)

41-Nb-105

MAT 4161

Elastic Legendre Coefficients

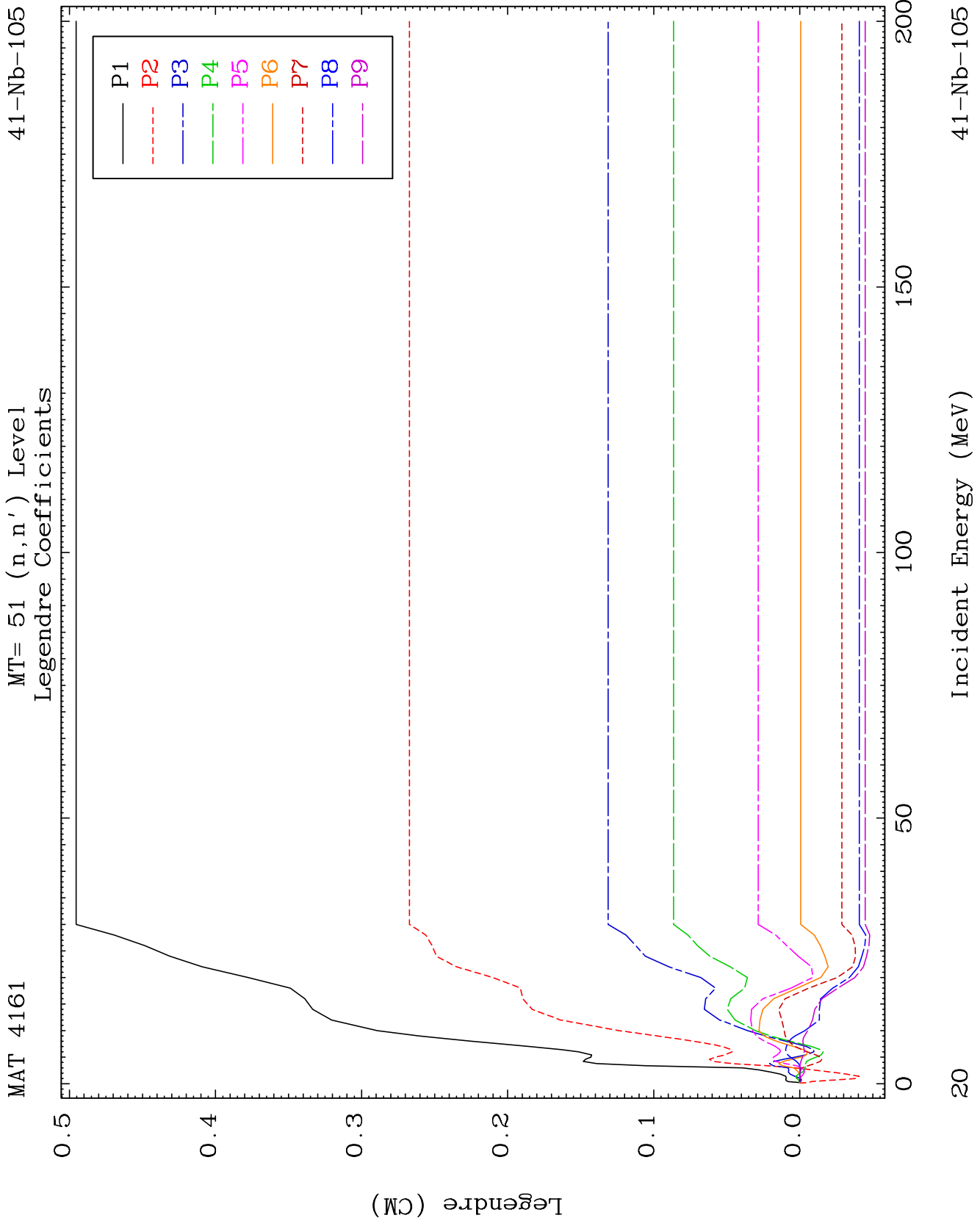
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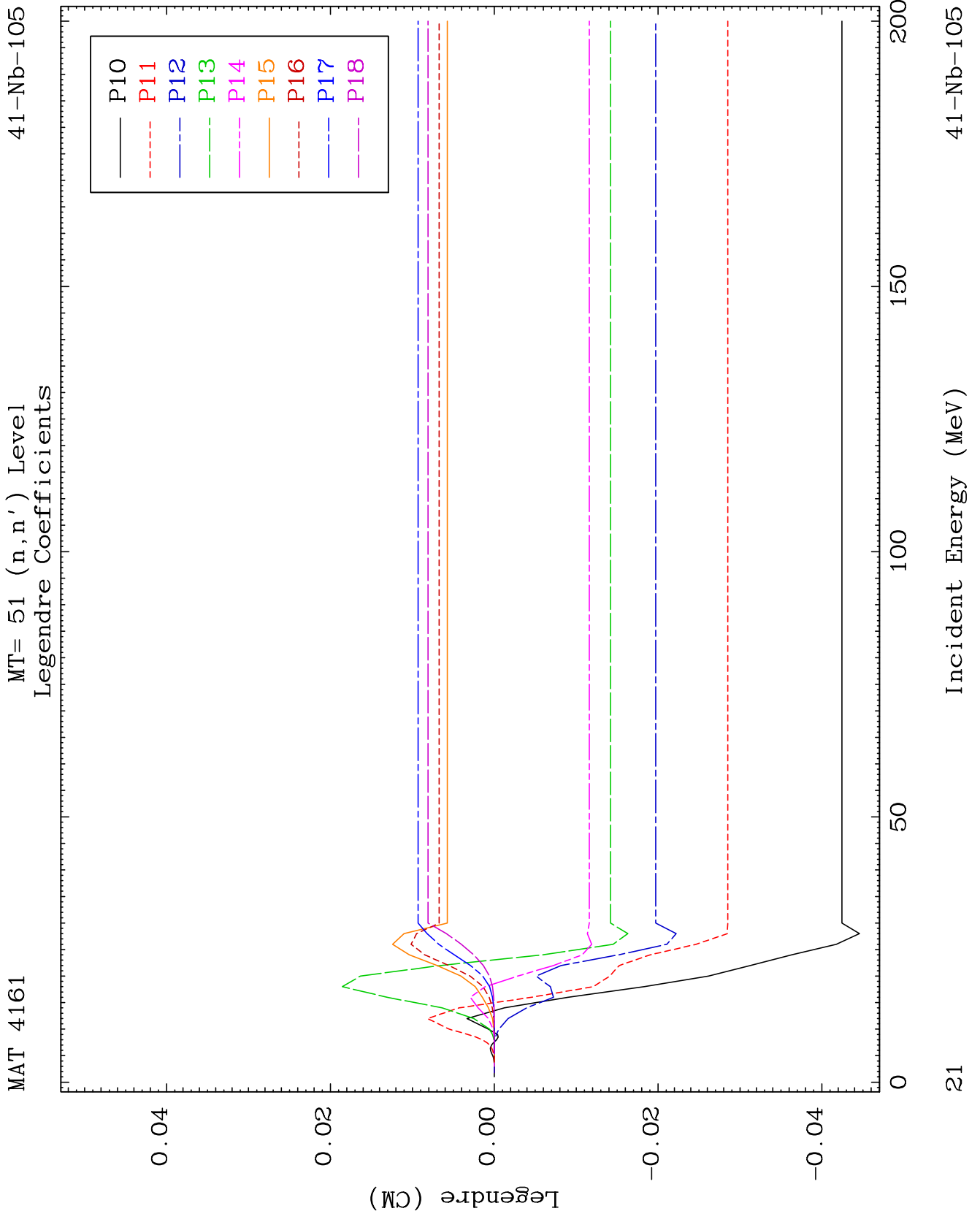


19

Incident Energy (MeV)

41-Nb-105

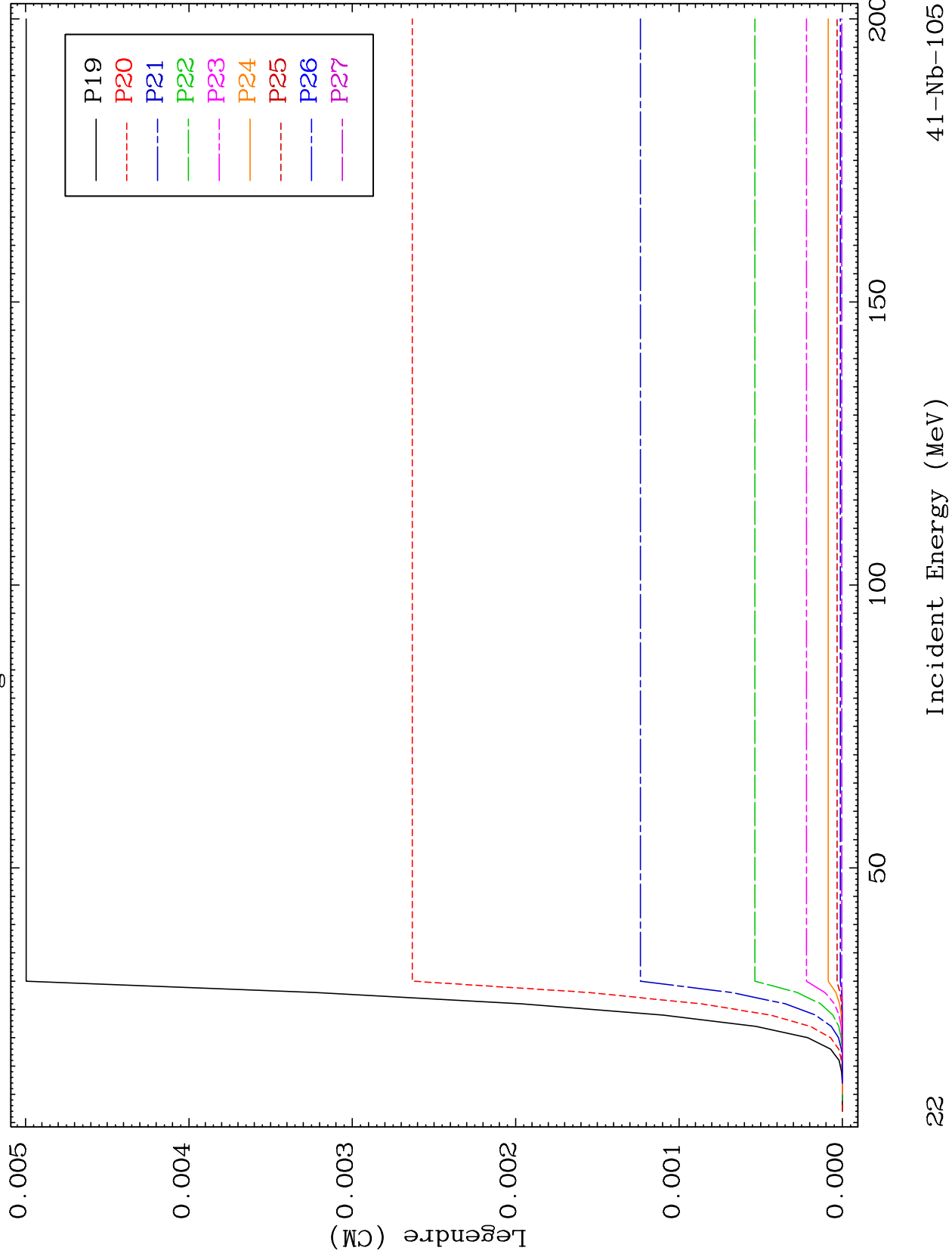




MAT 4161

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

41-Nb-105

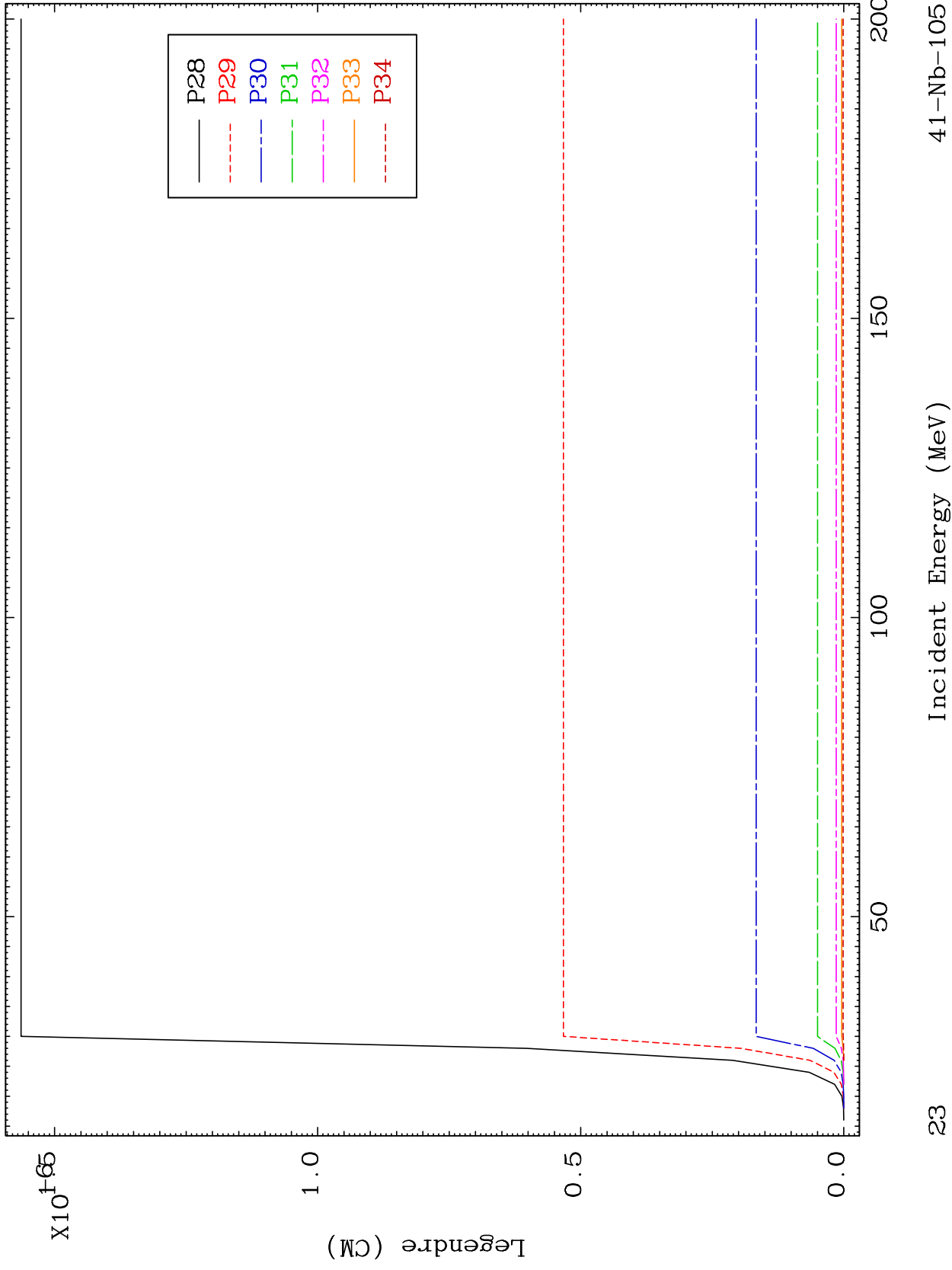


22

MAT 4161

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

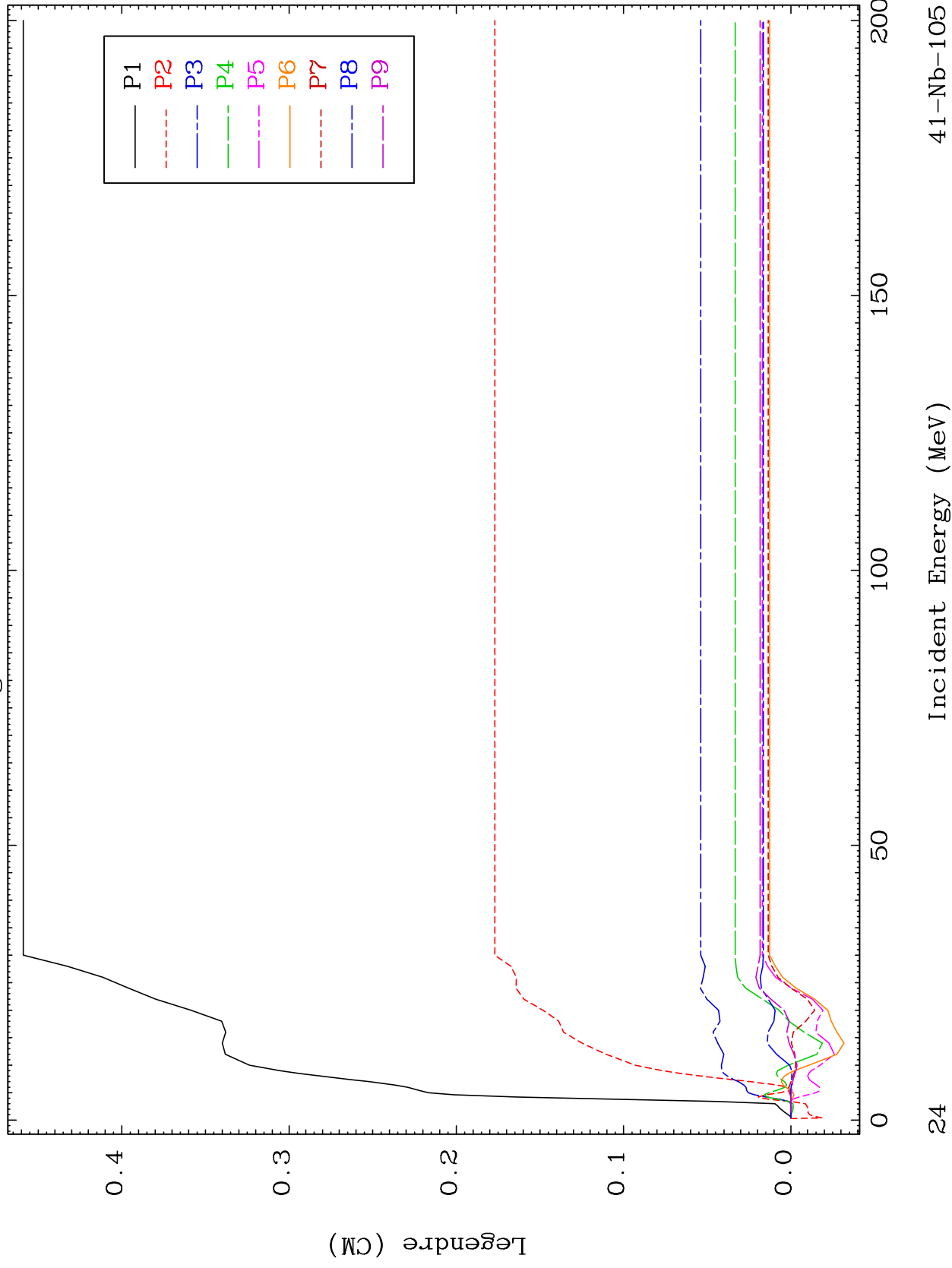
41-Nb-105



MAT 4161

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

41-Nb-105



24

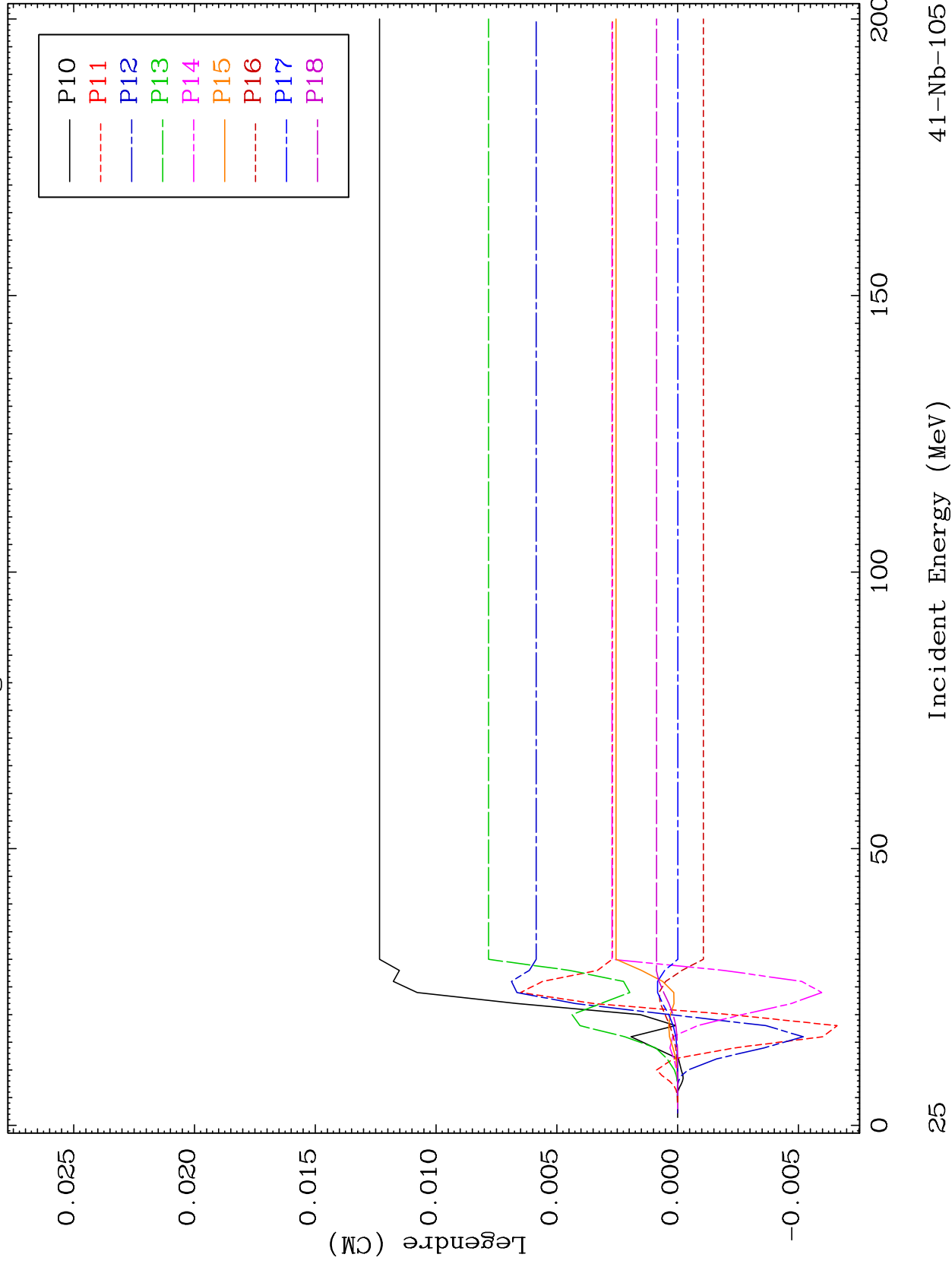
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

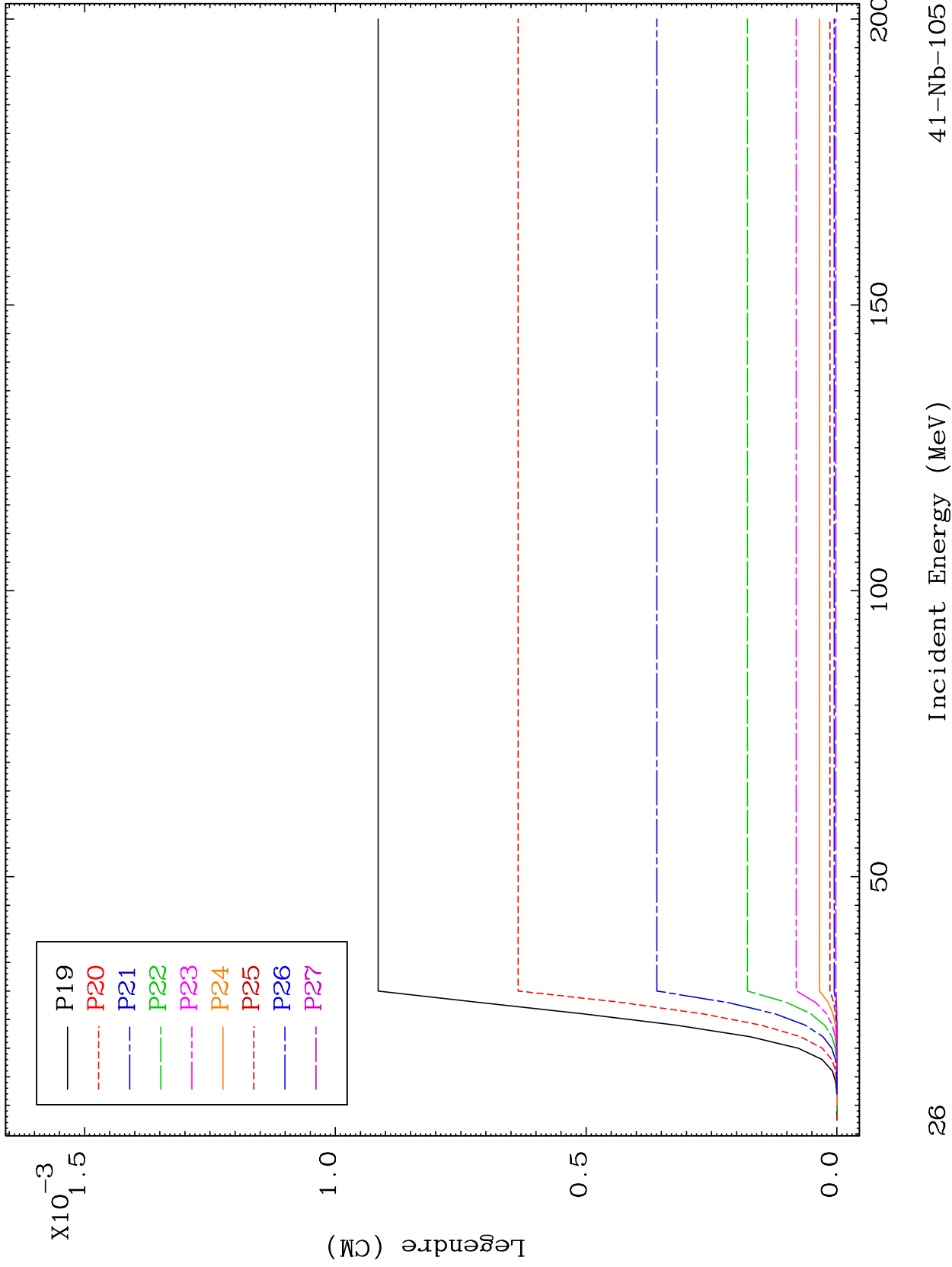
41-Nb-105



41-Nb-105

Incident Energy (MeV)

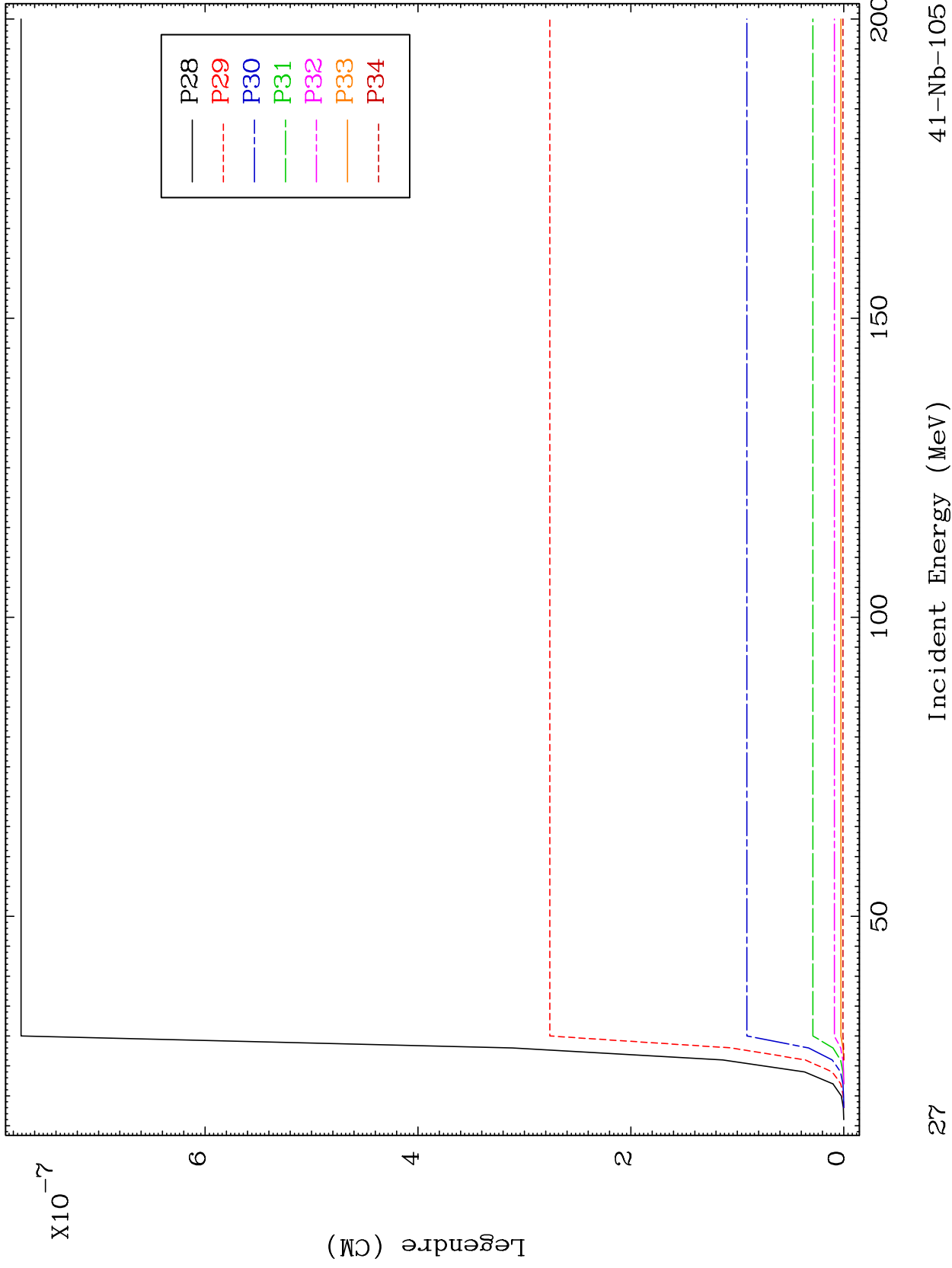
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MAT 4161

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

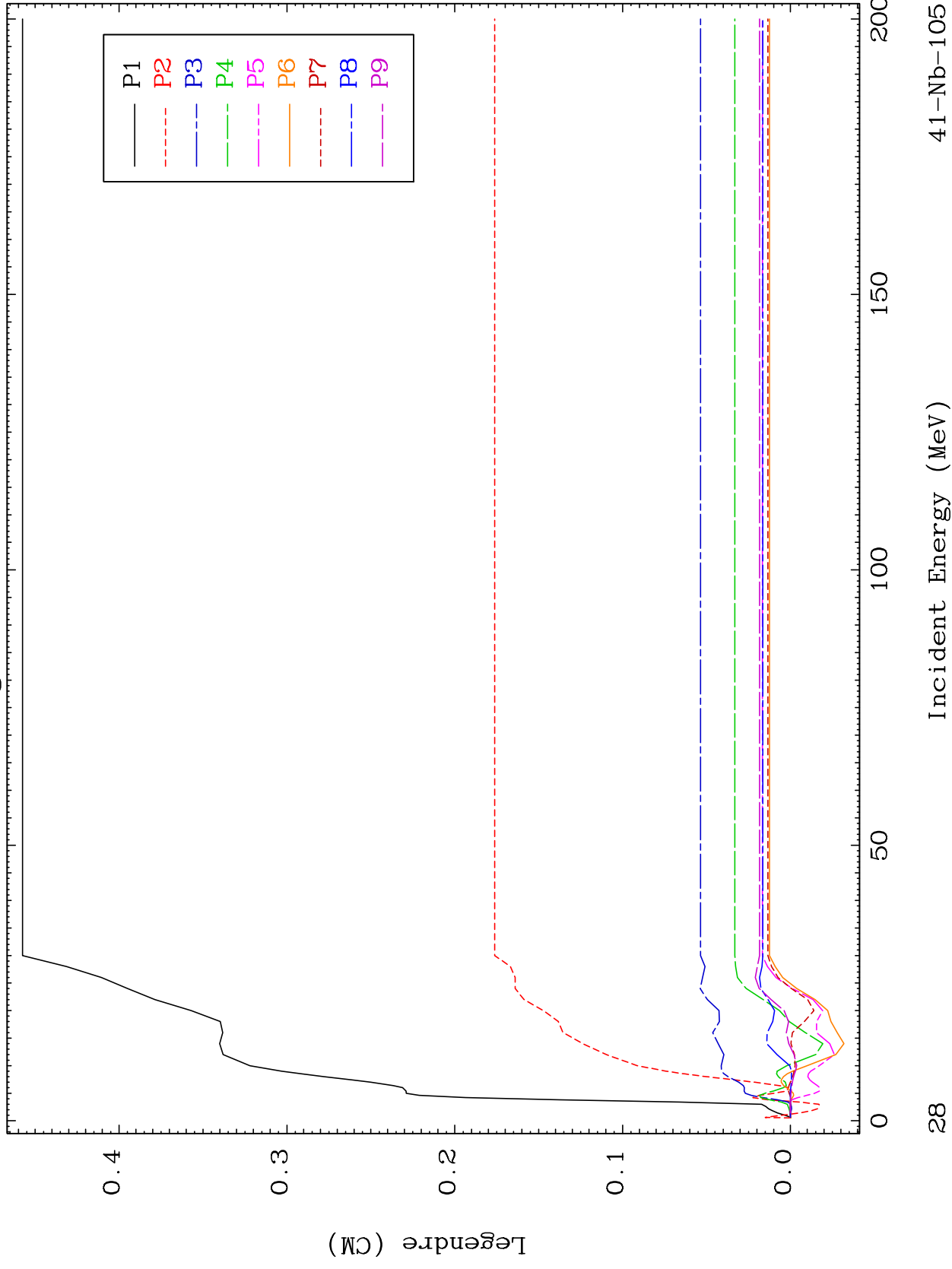
41-Nb-105



MAT 4161

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

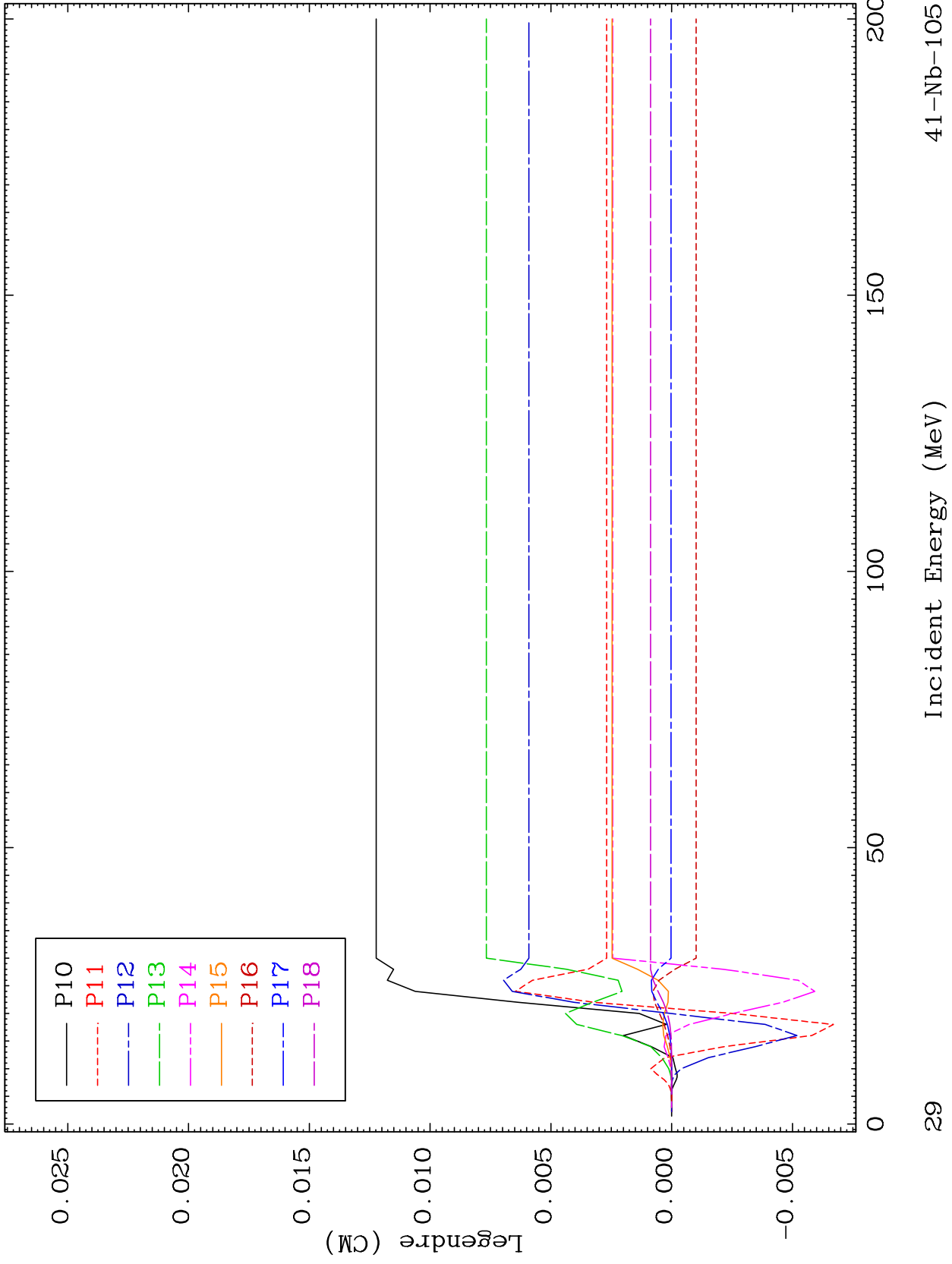
41-Nb-105



MAT 4161

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

41-Nb-105



29

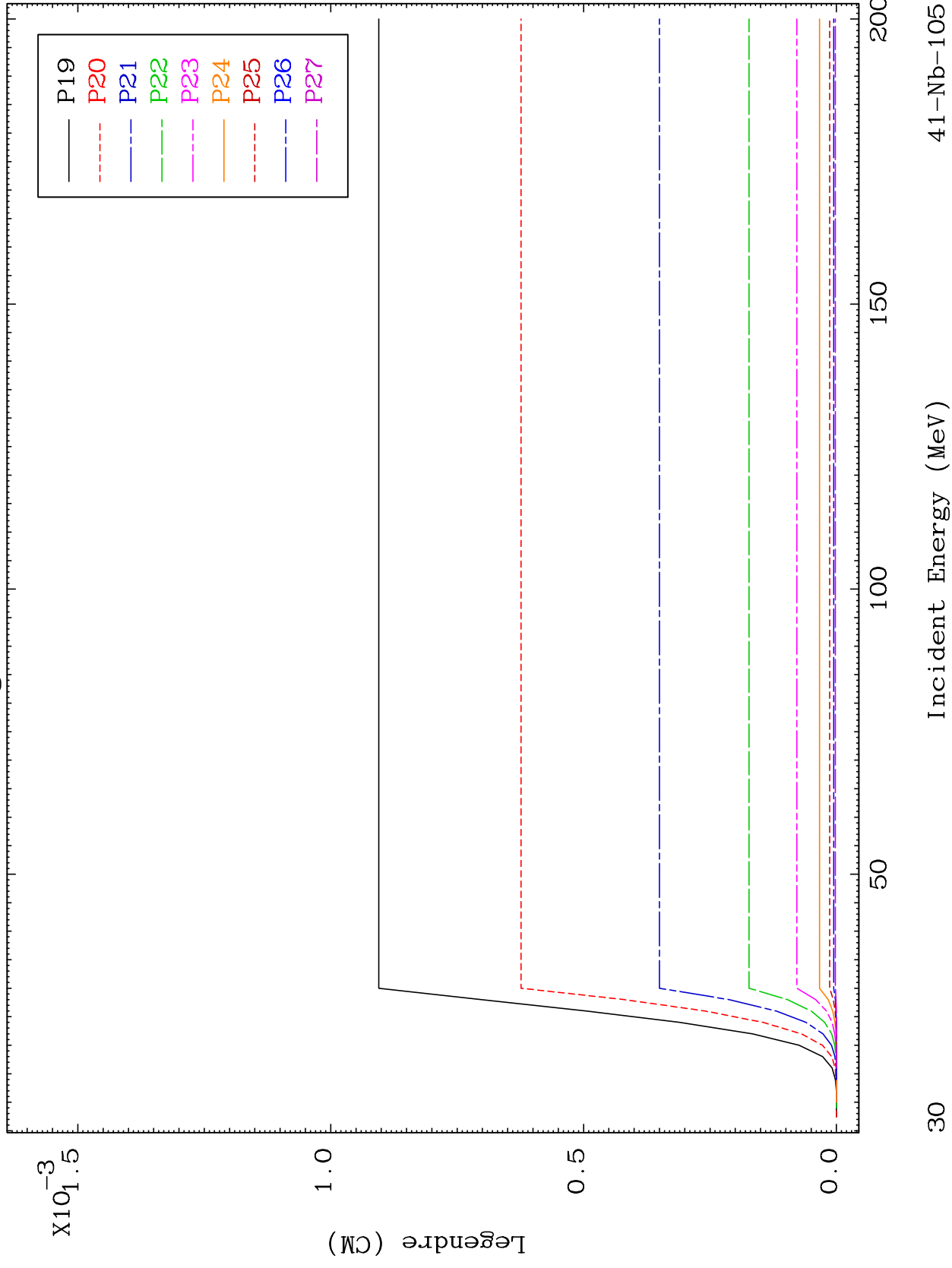
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

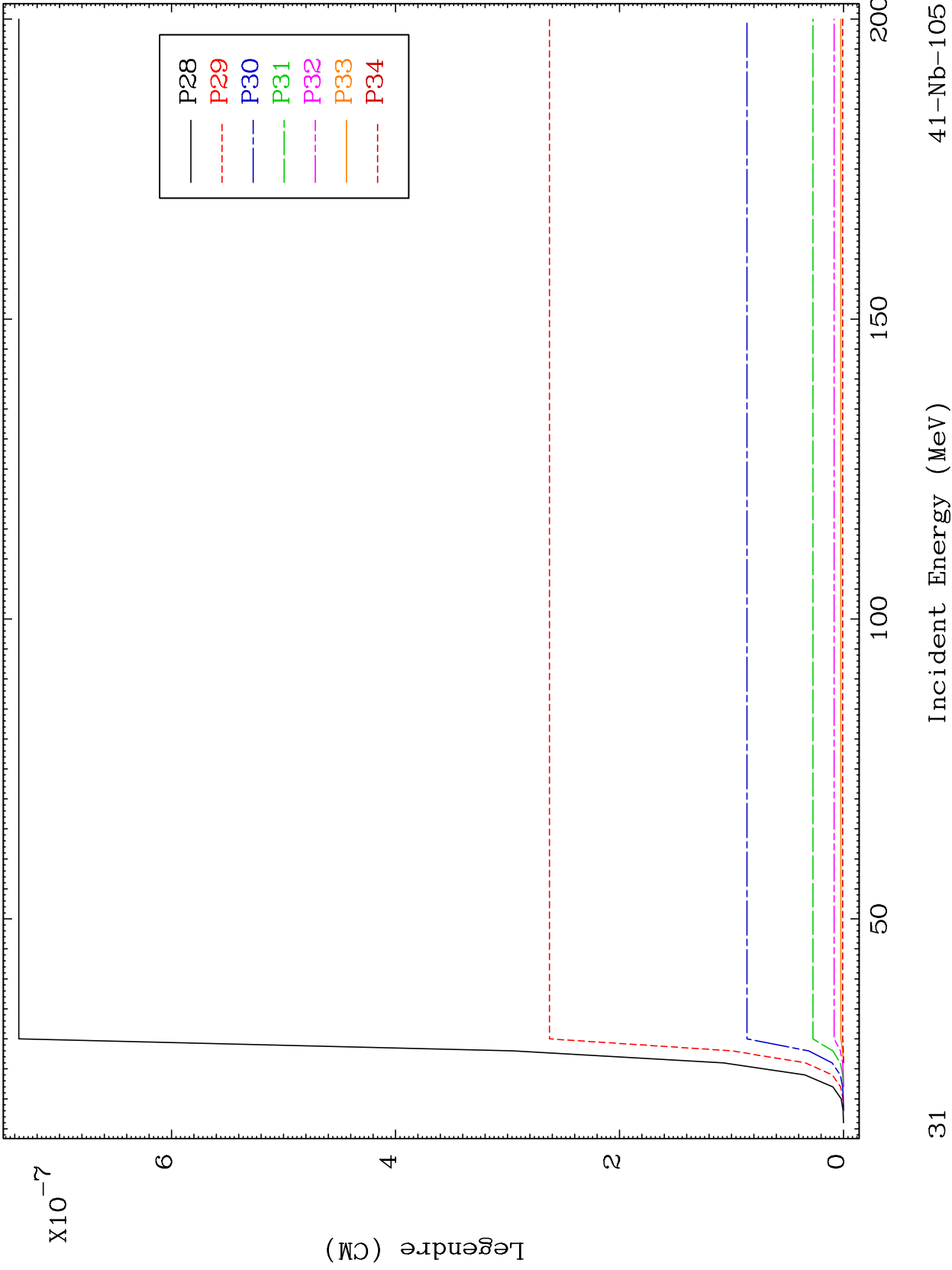
41-Nb-105



MAT 4161

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

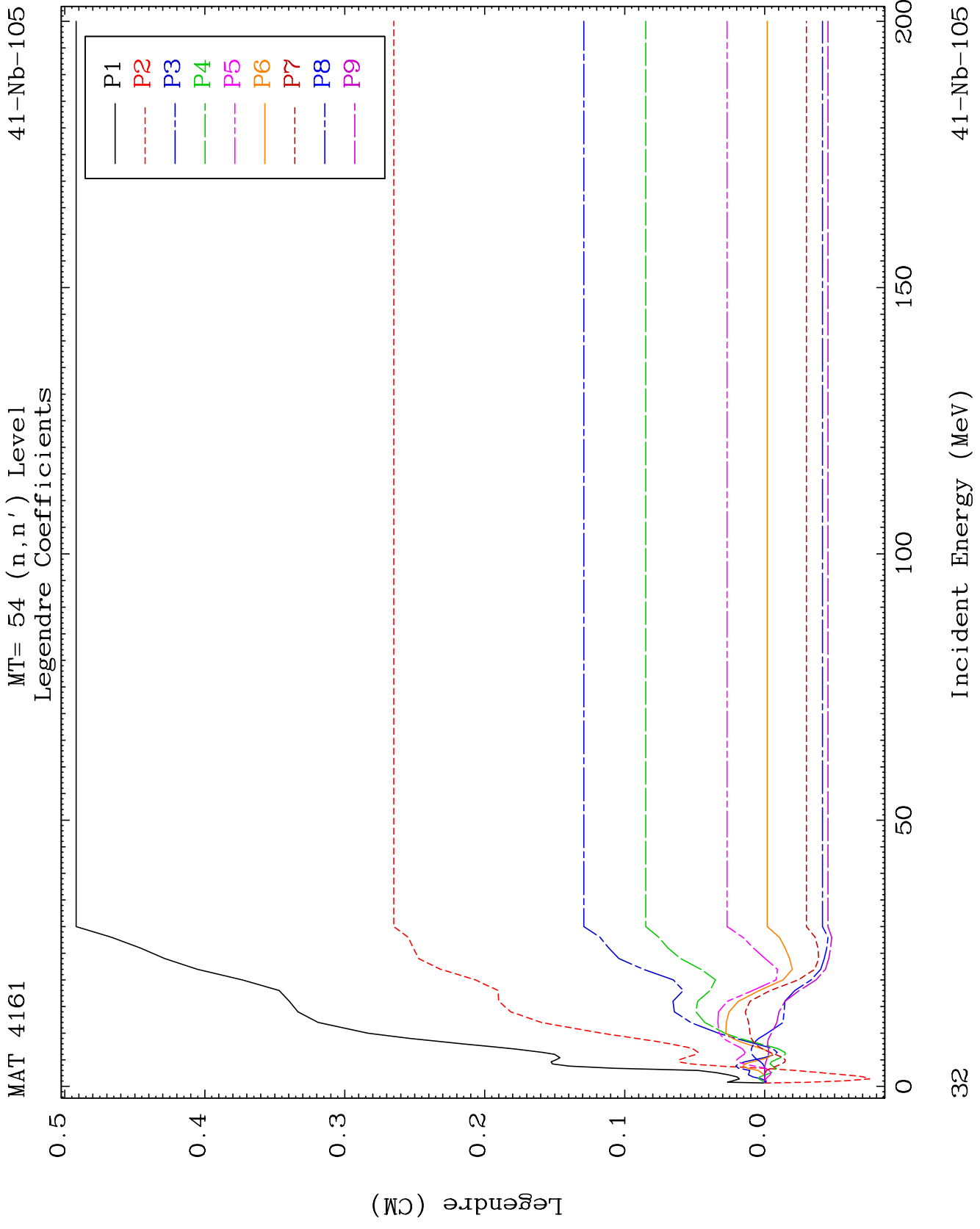
41-Nb-105



31

Incident Energy (MeV)

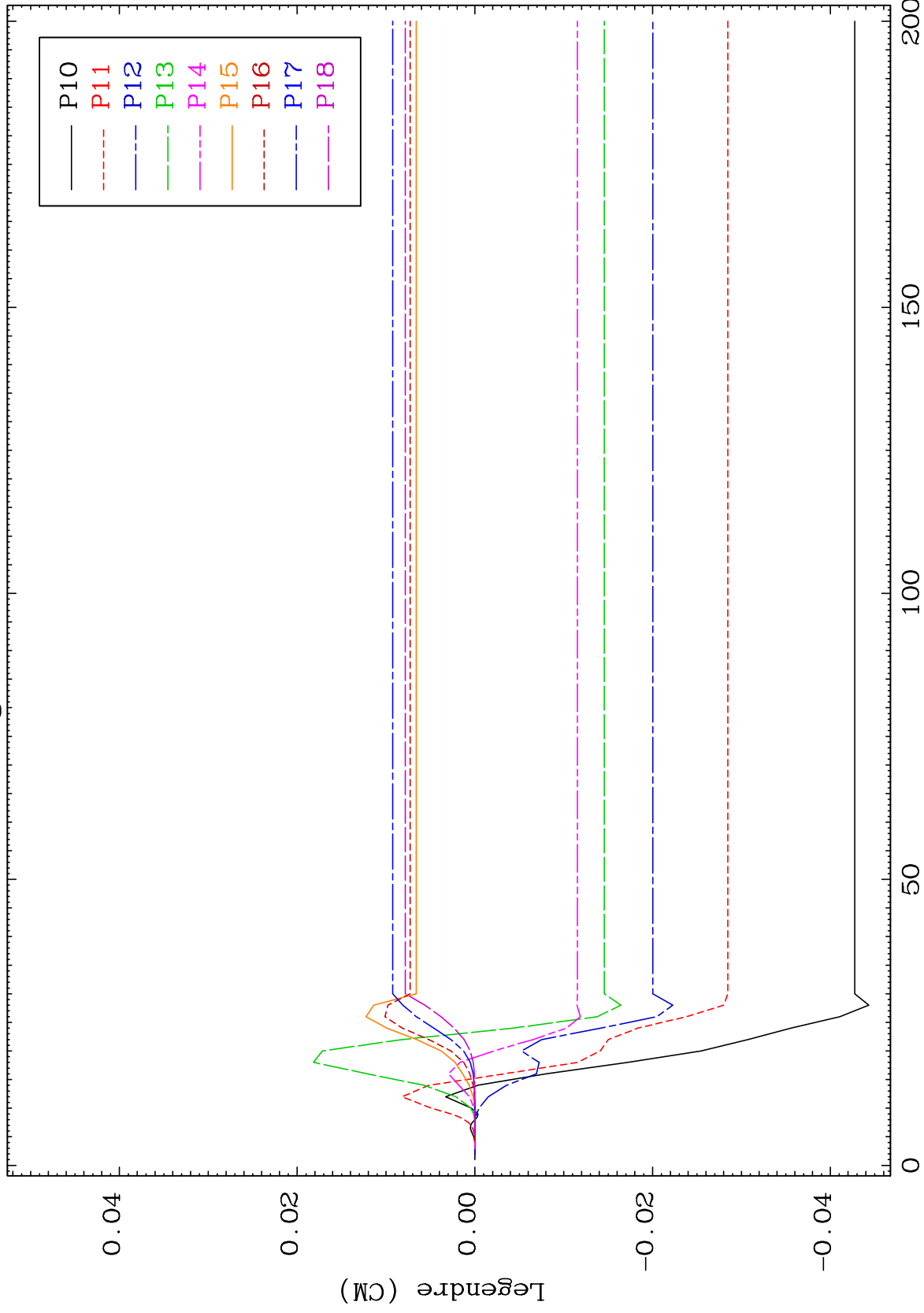
41-Nb-105



MAT 4161

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

41-Nb-105



33

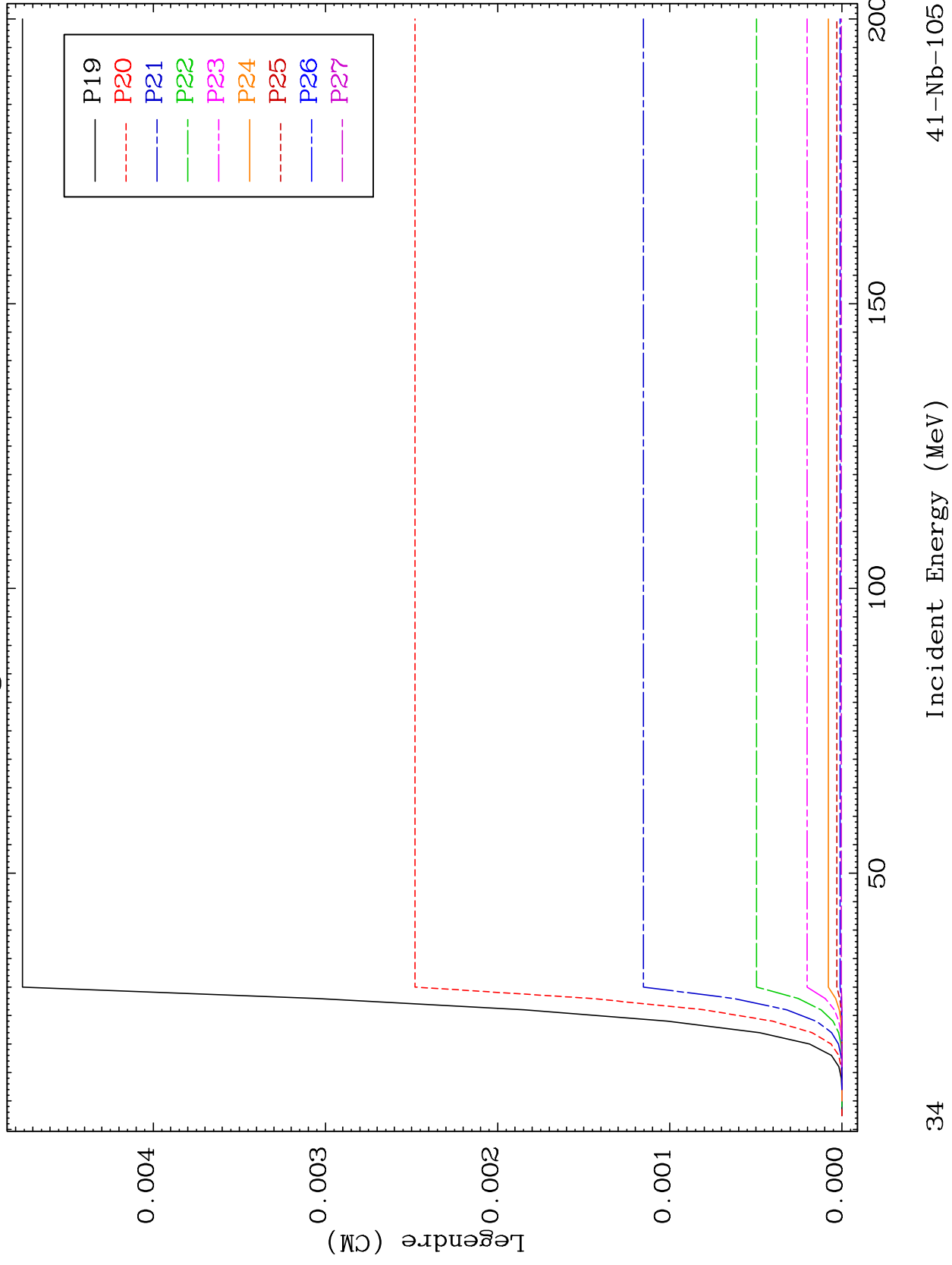
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105

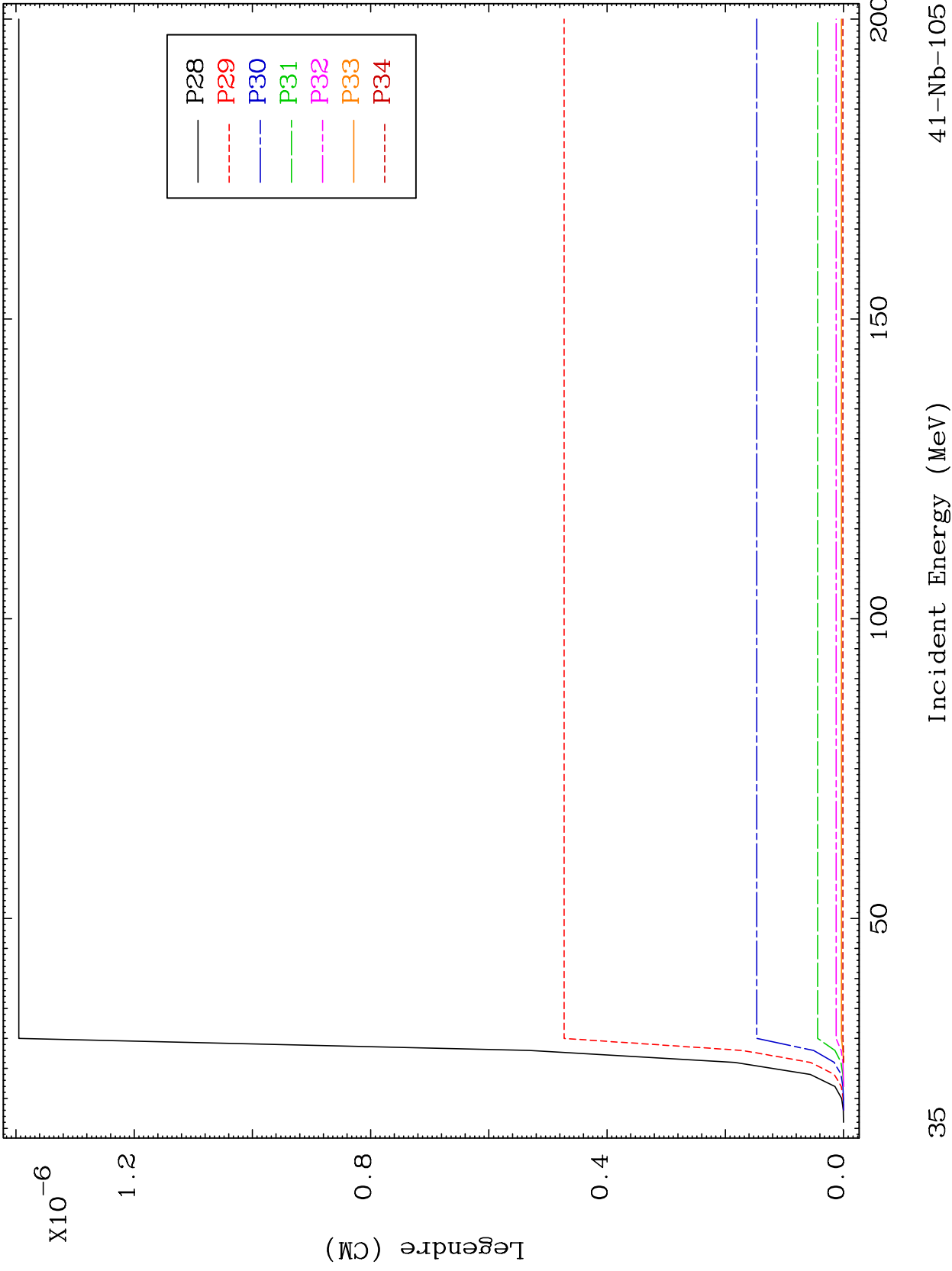


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MAT 4161

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

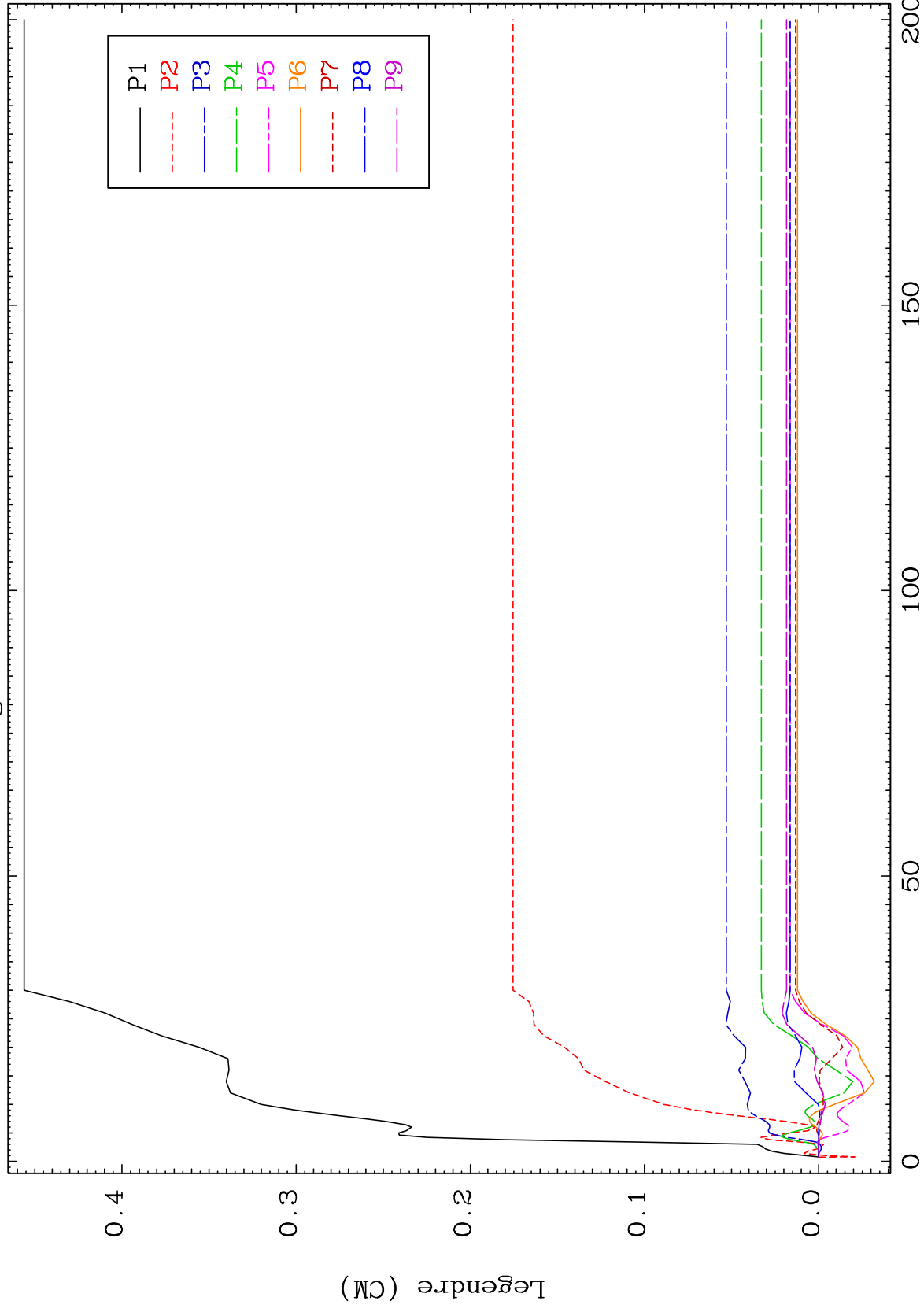
41-Nb-105



MAT 4161

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

41-Nb-105



36

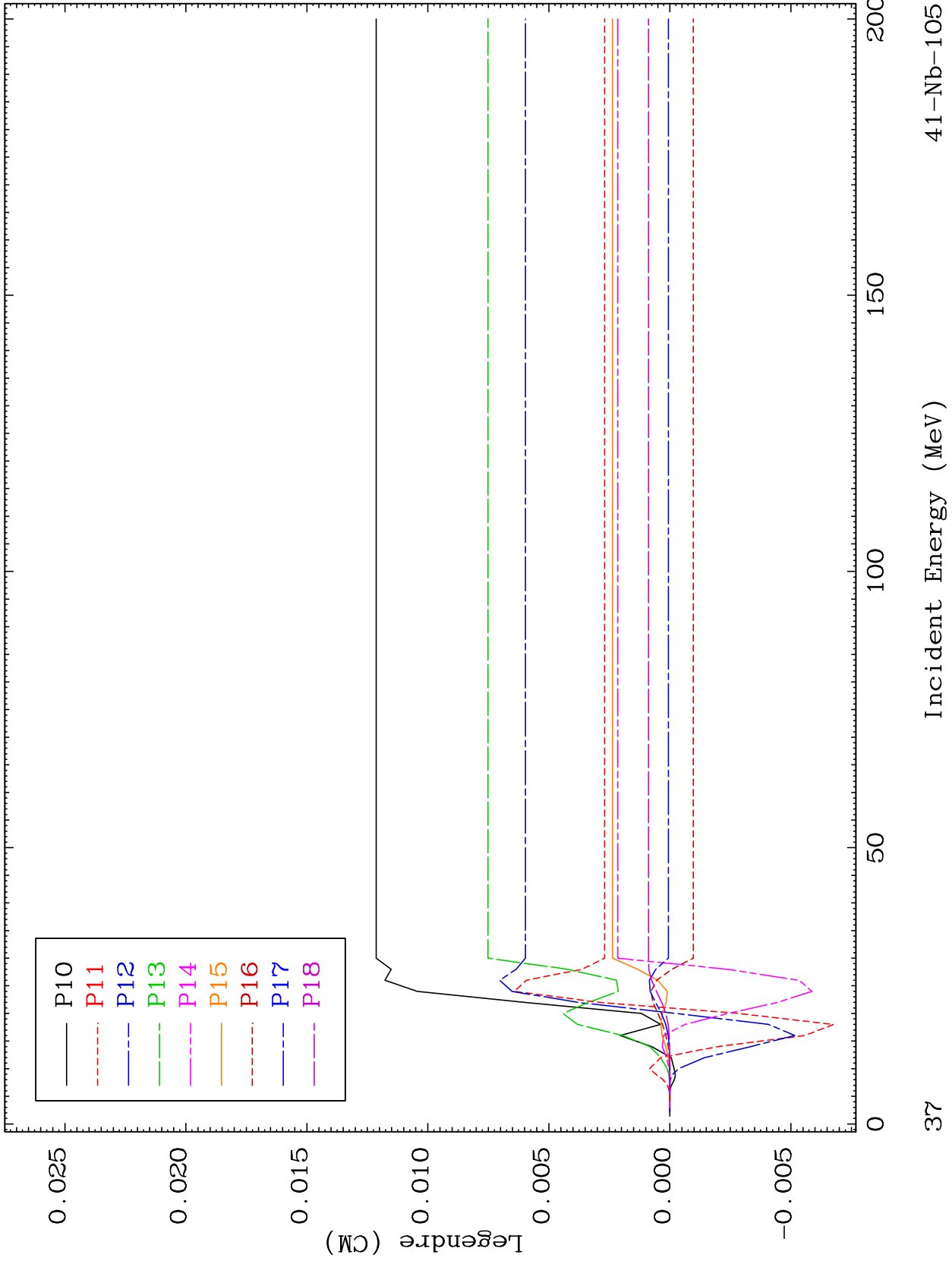
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



37

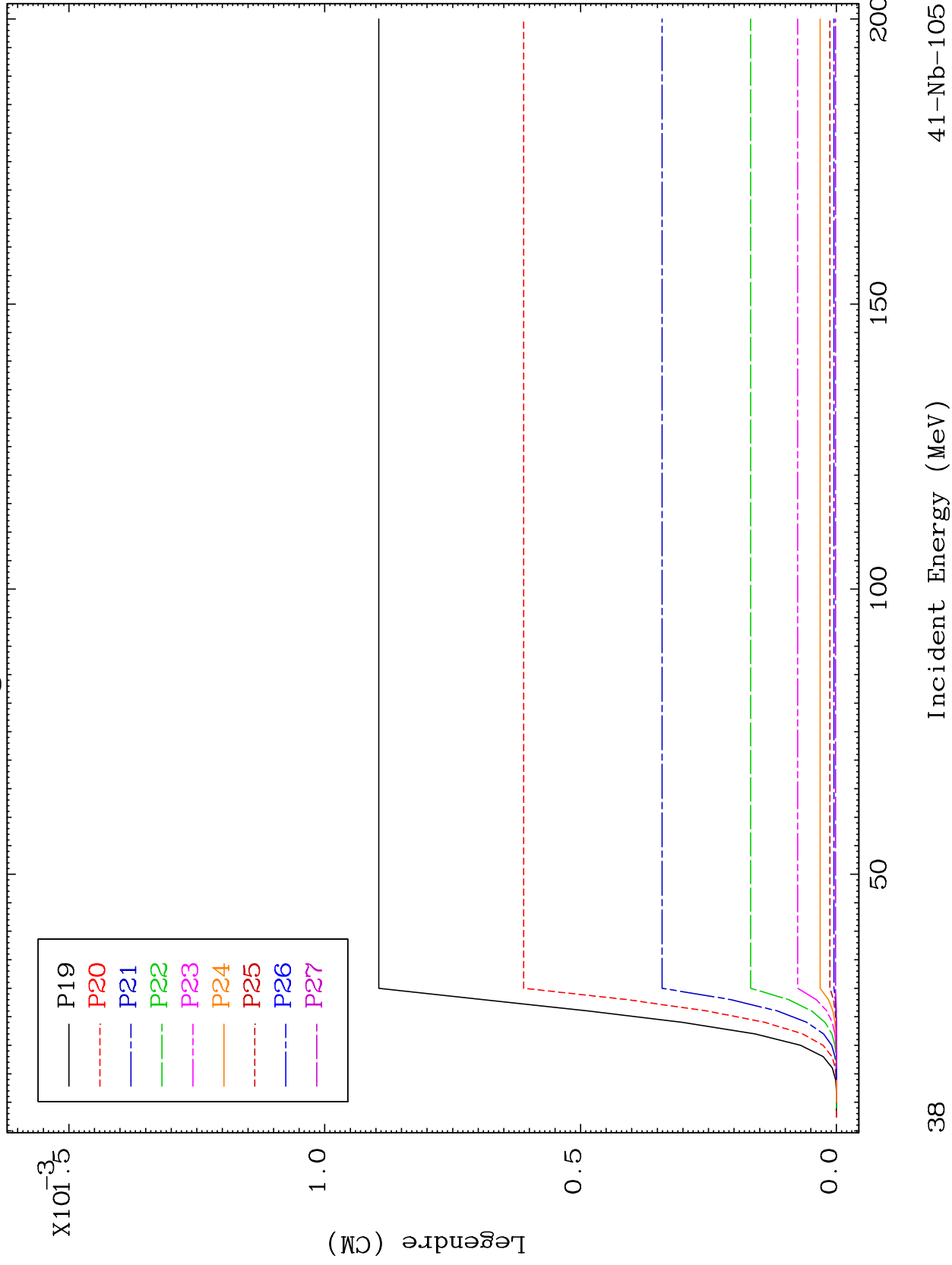
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105

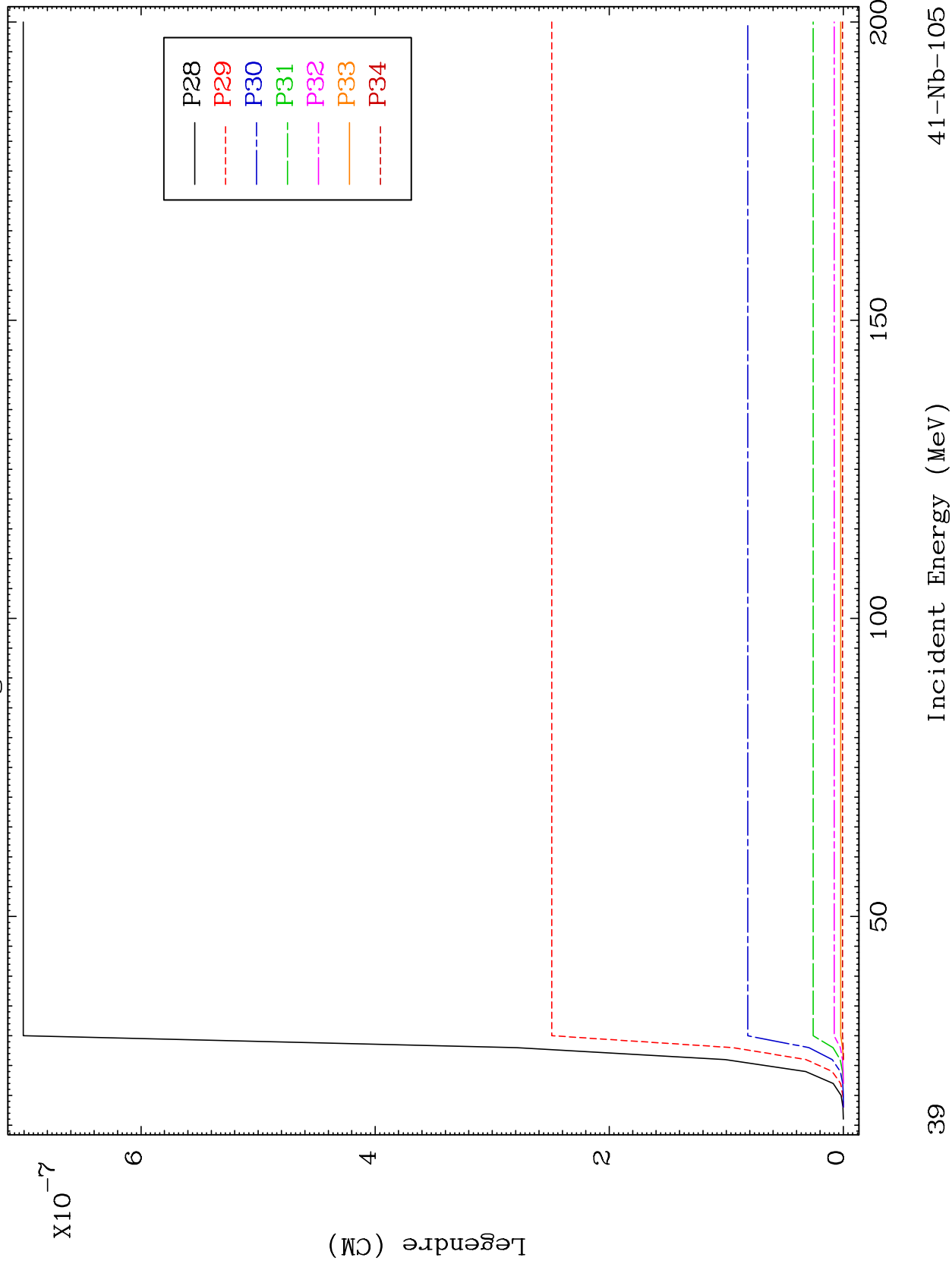


38

MAT 4161

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

41-Nb-105



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Incident Energy (MeV)

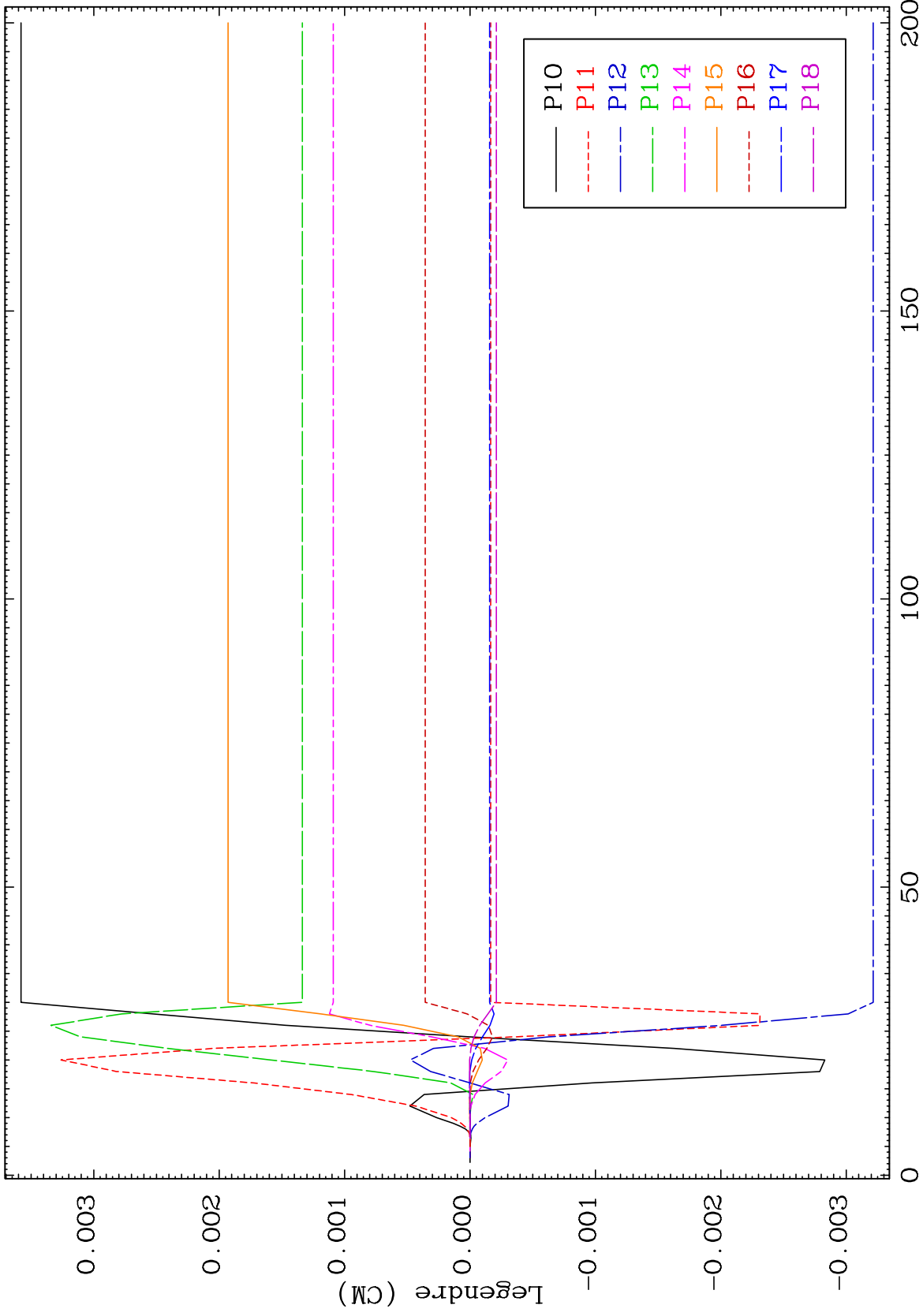
41-Nb-105



MAT 4161

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

41-Nb-105



41

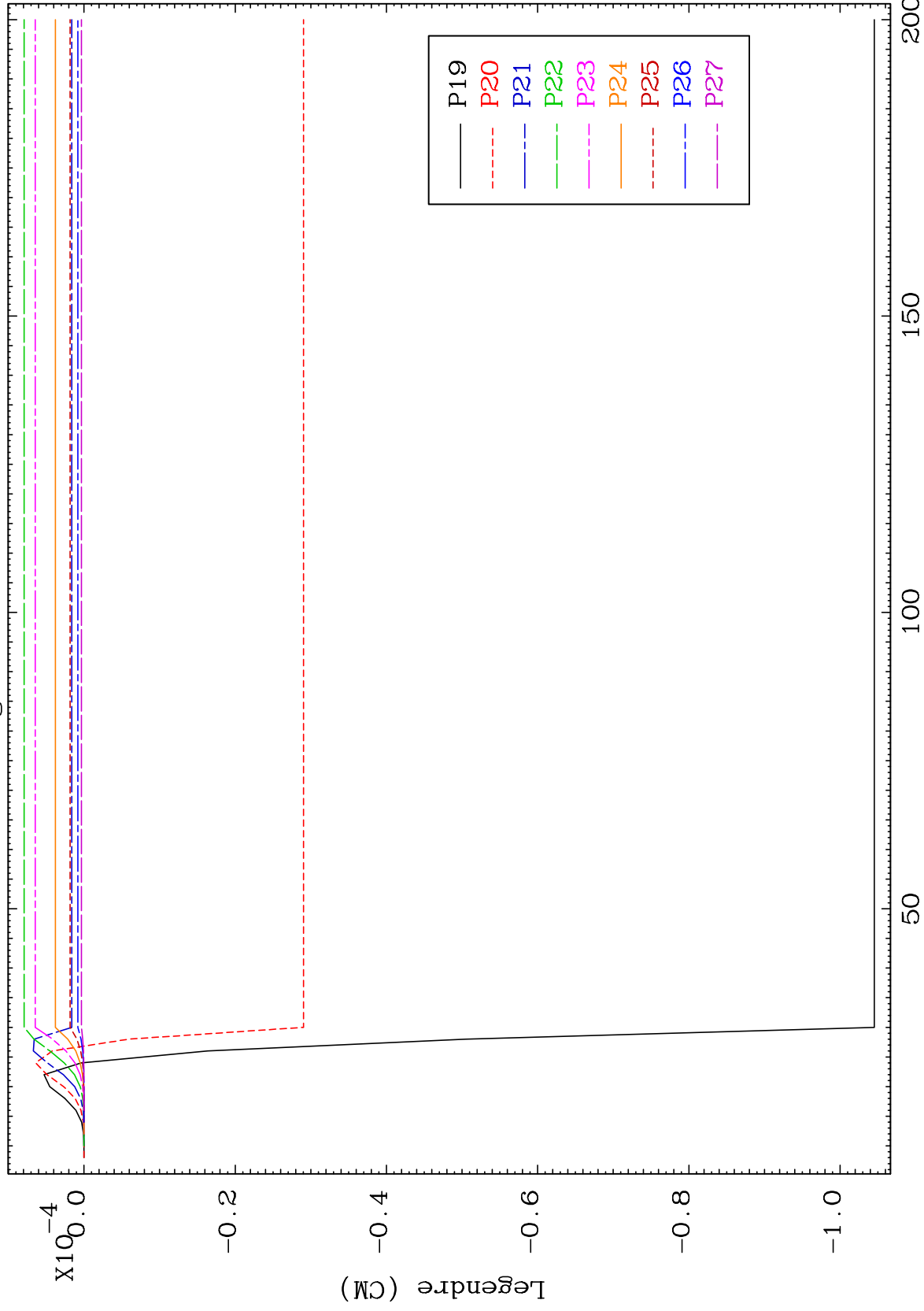
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

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



42

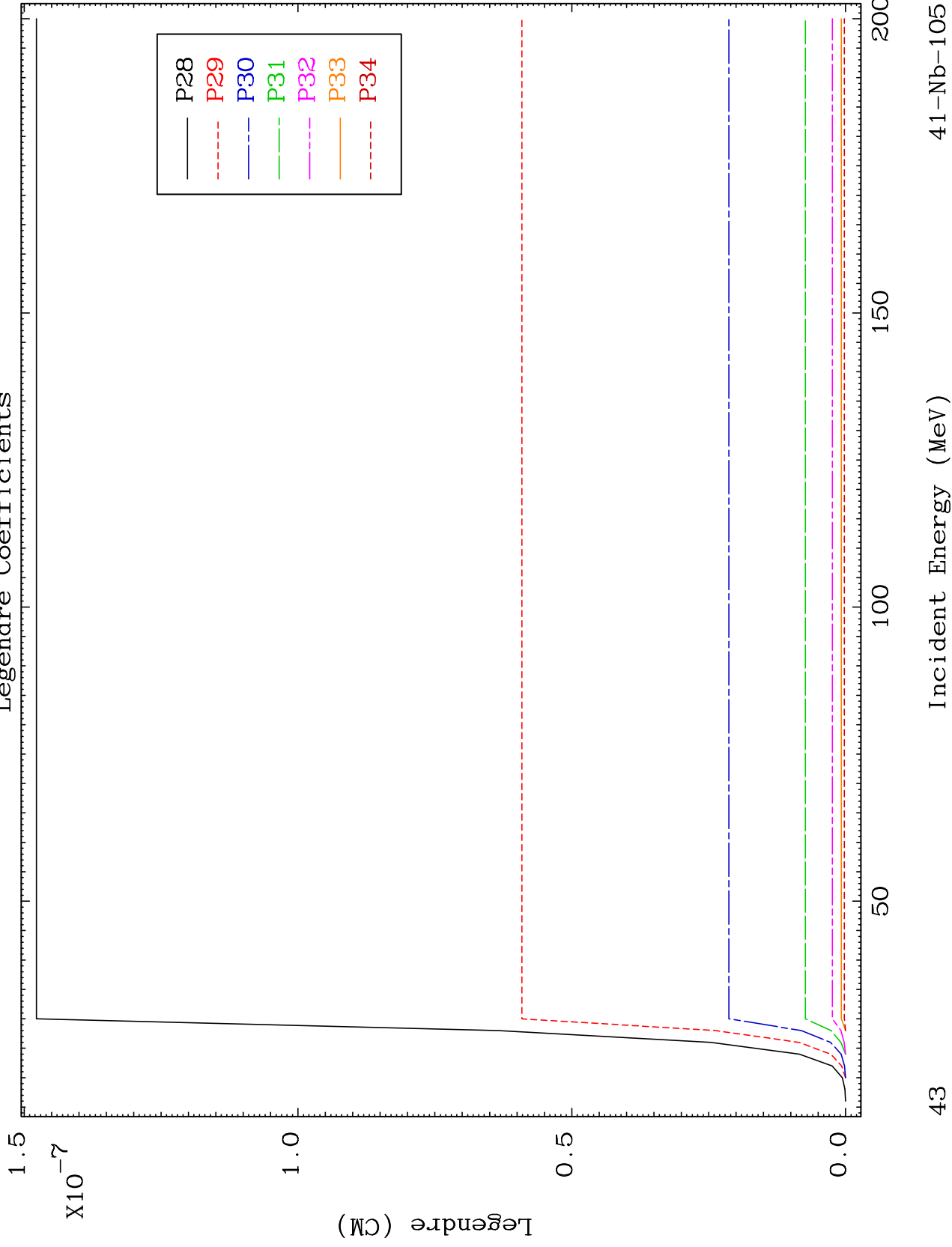
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

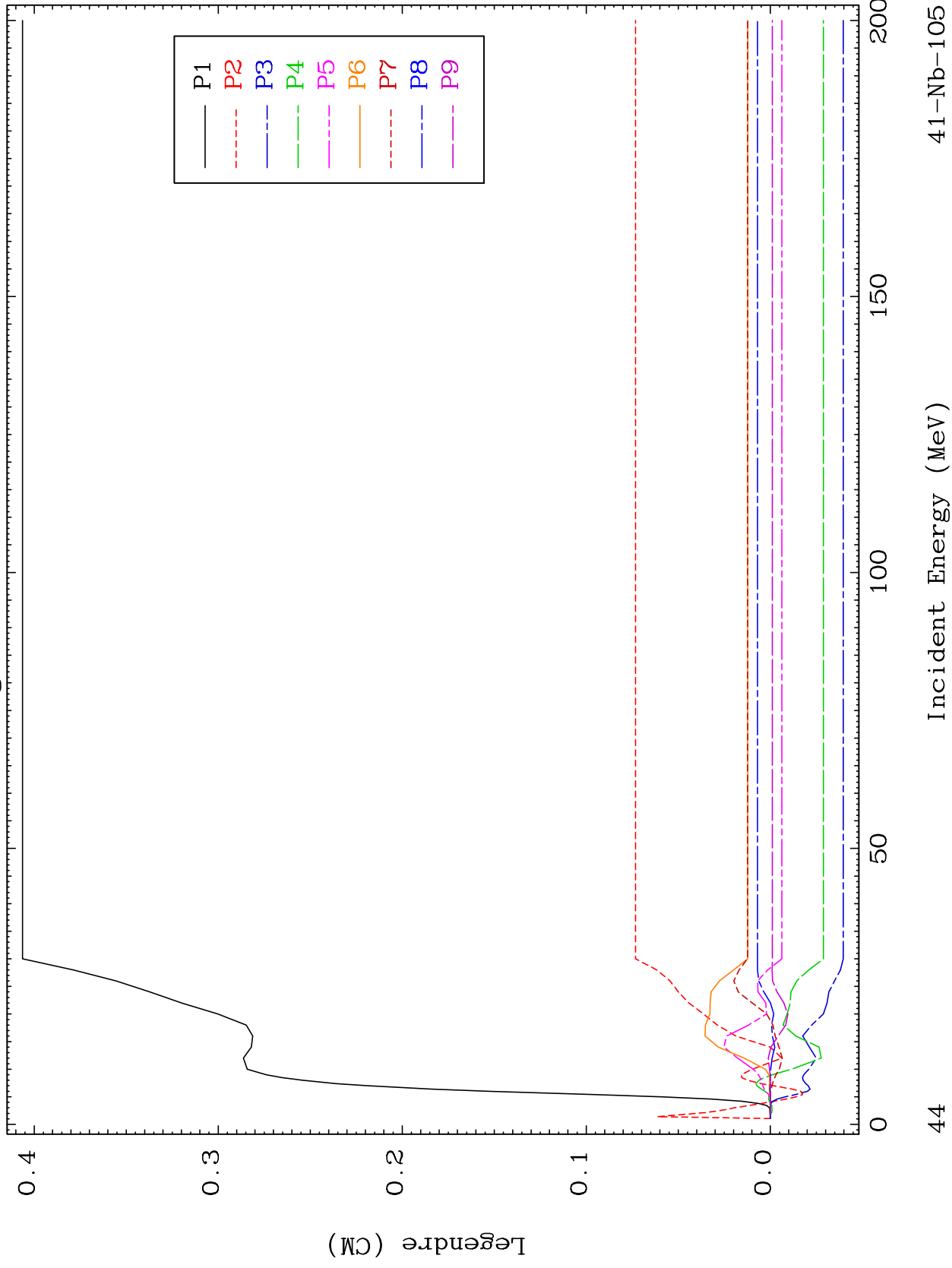
41-Nb-105



MAT 4161

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

41-Nb-105



41-Nb-105

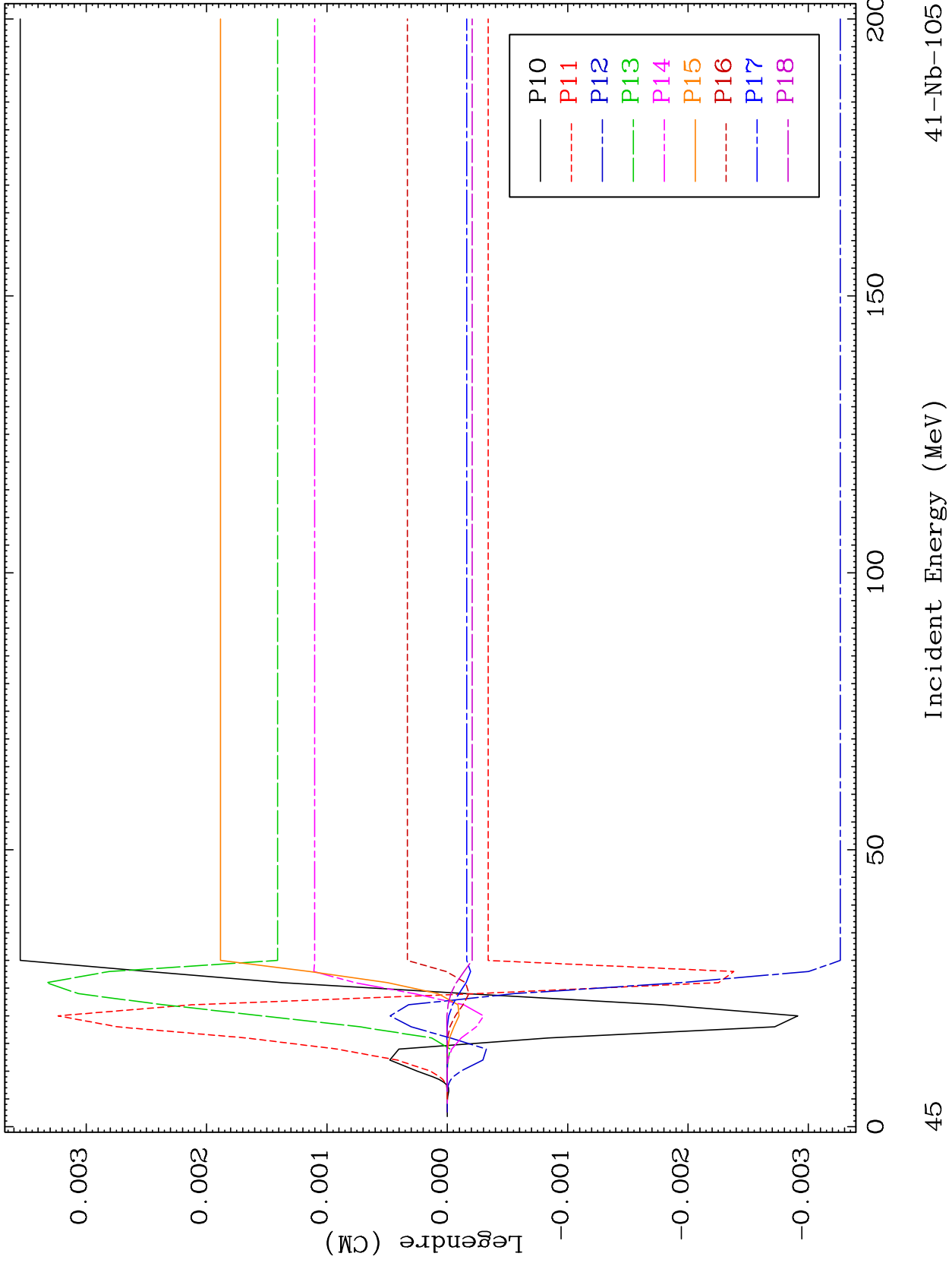
Incident Energy (MeV)

44

MAT 4161

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

41-Nb-105



45

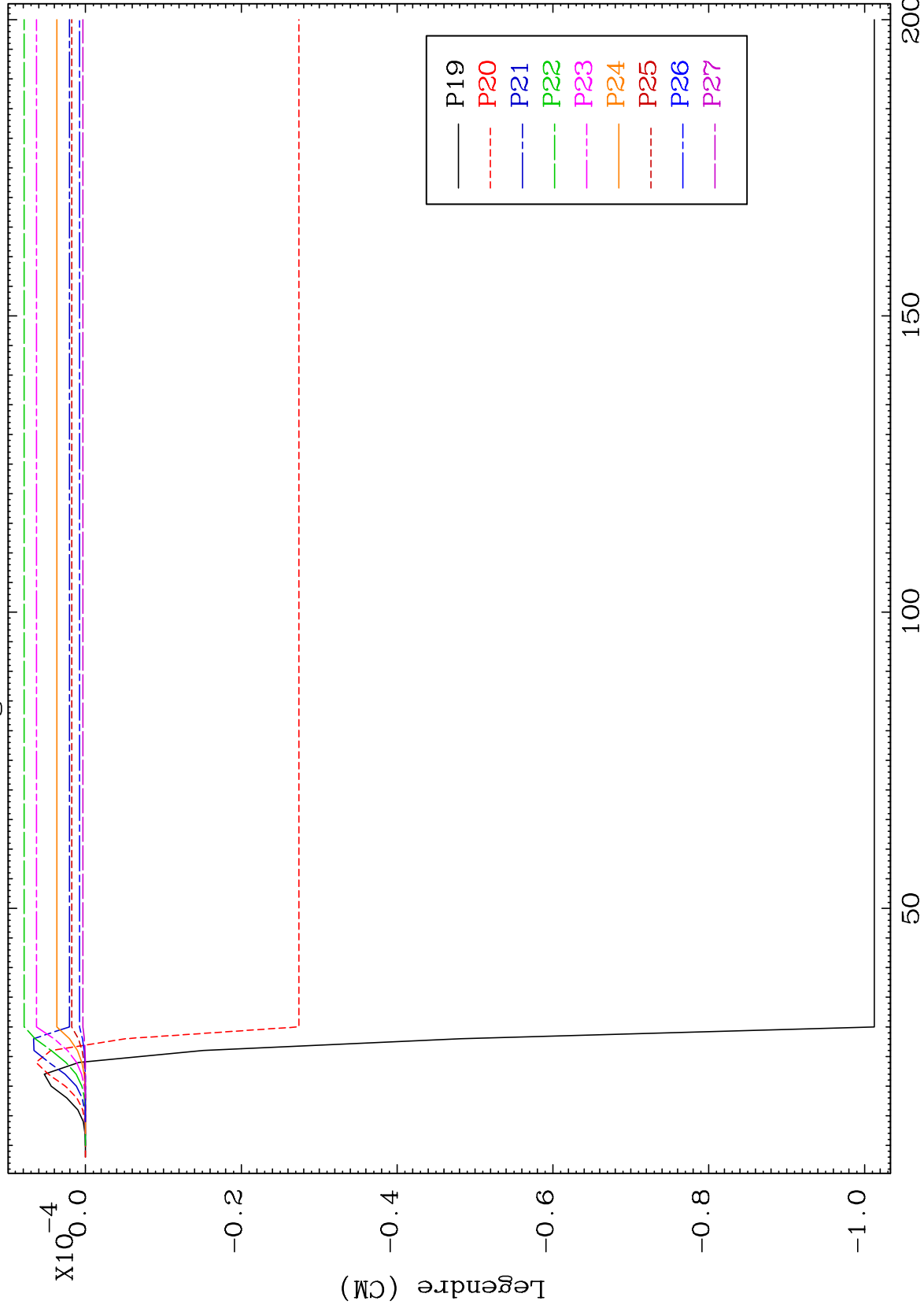
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



46

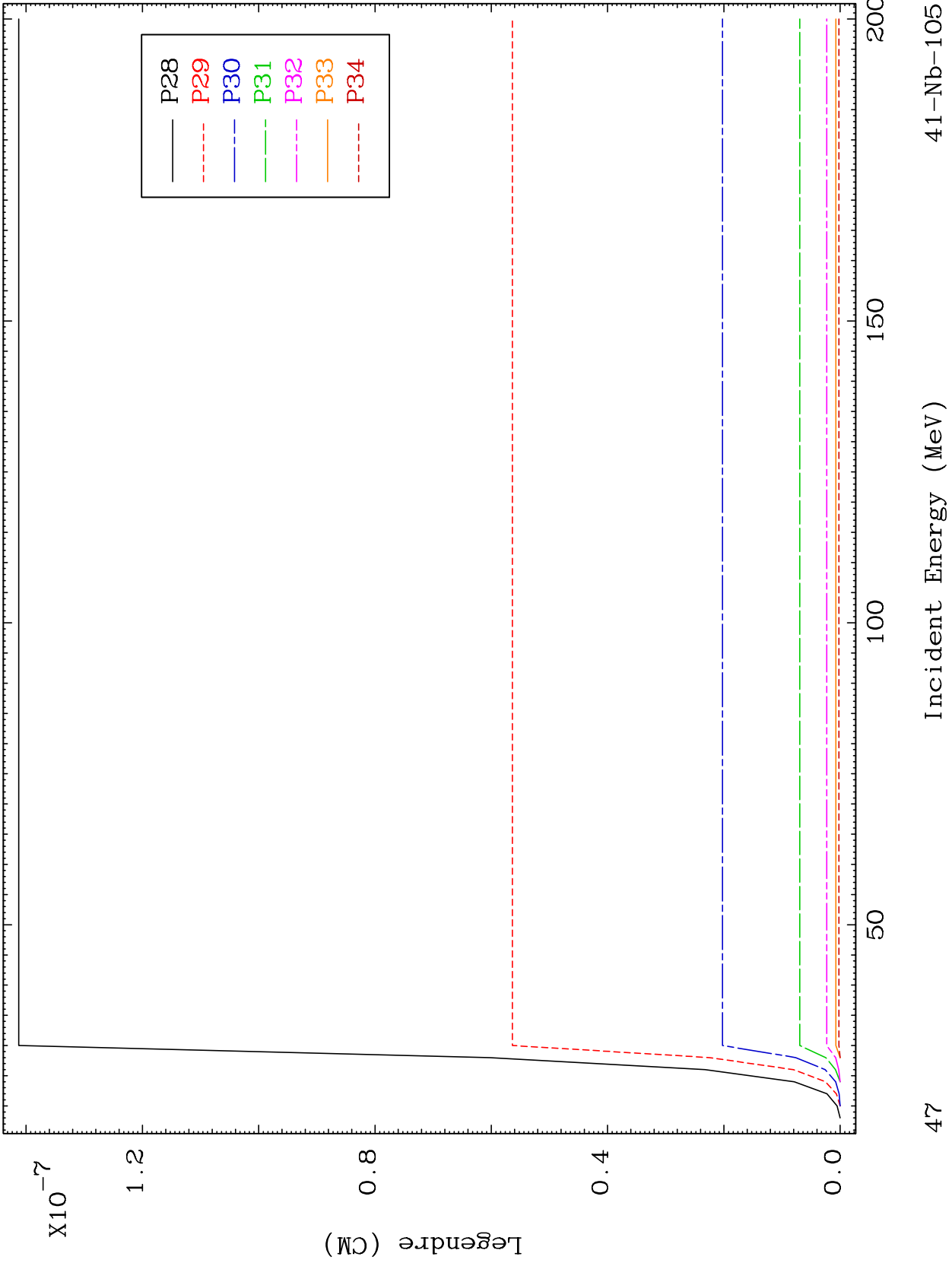
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

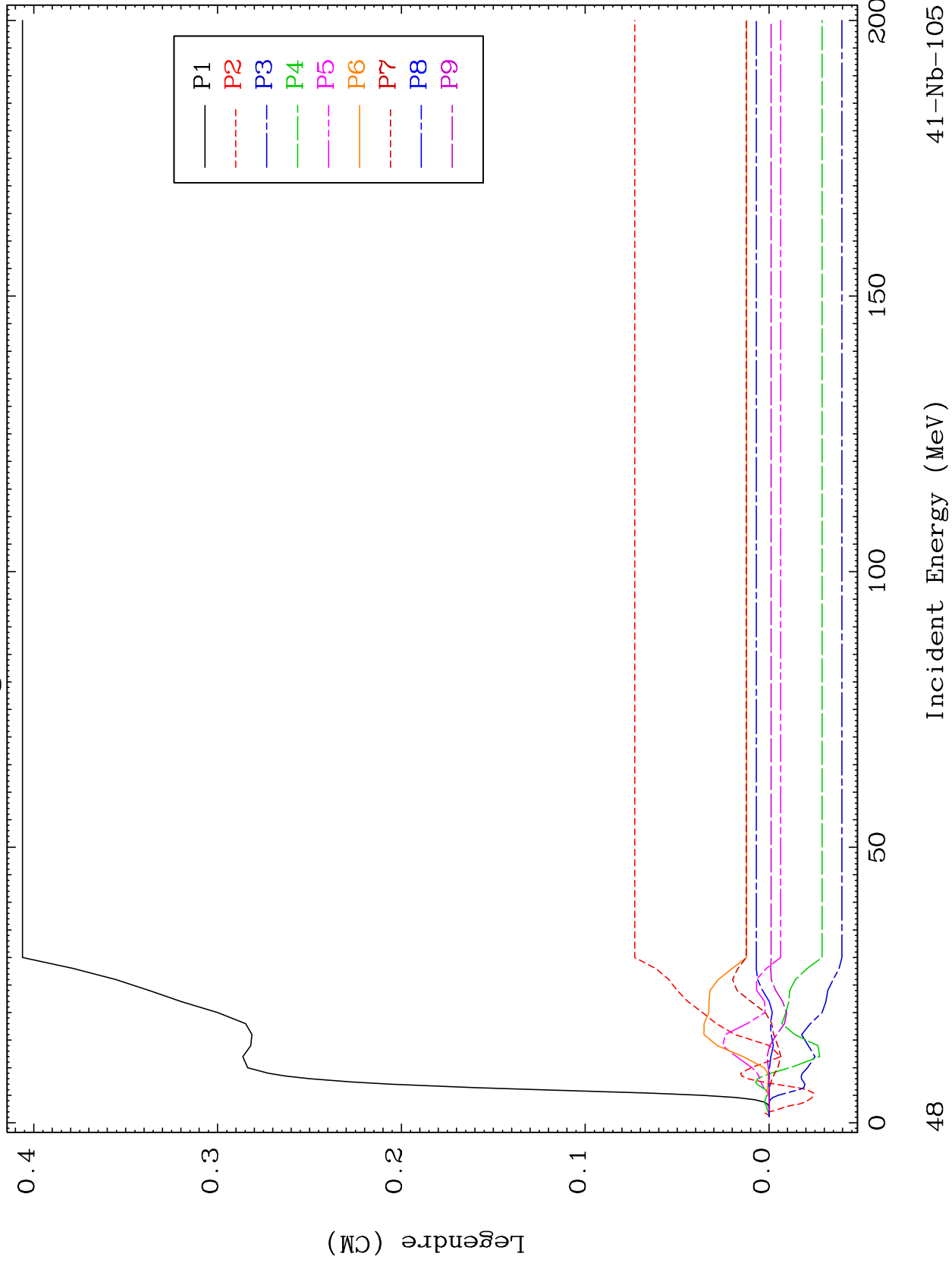
41-Nb-105



MAT 4161

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

41-Nb-105



41-Nb-105

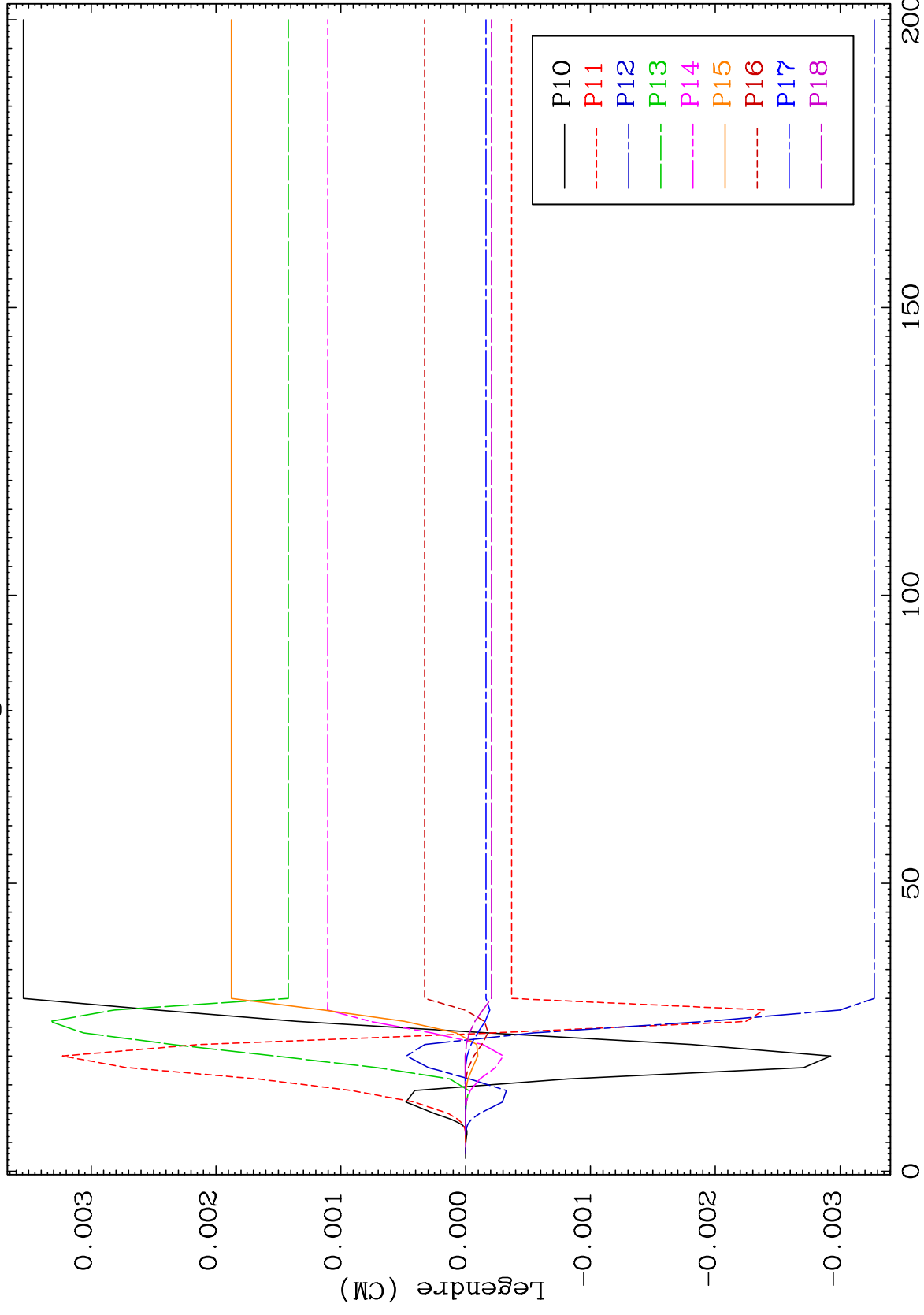
Incident Energy (MeV)

48

MAT 4161

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

41-Nb-105



49

Incident Energy (MeV)

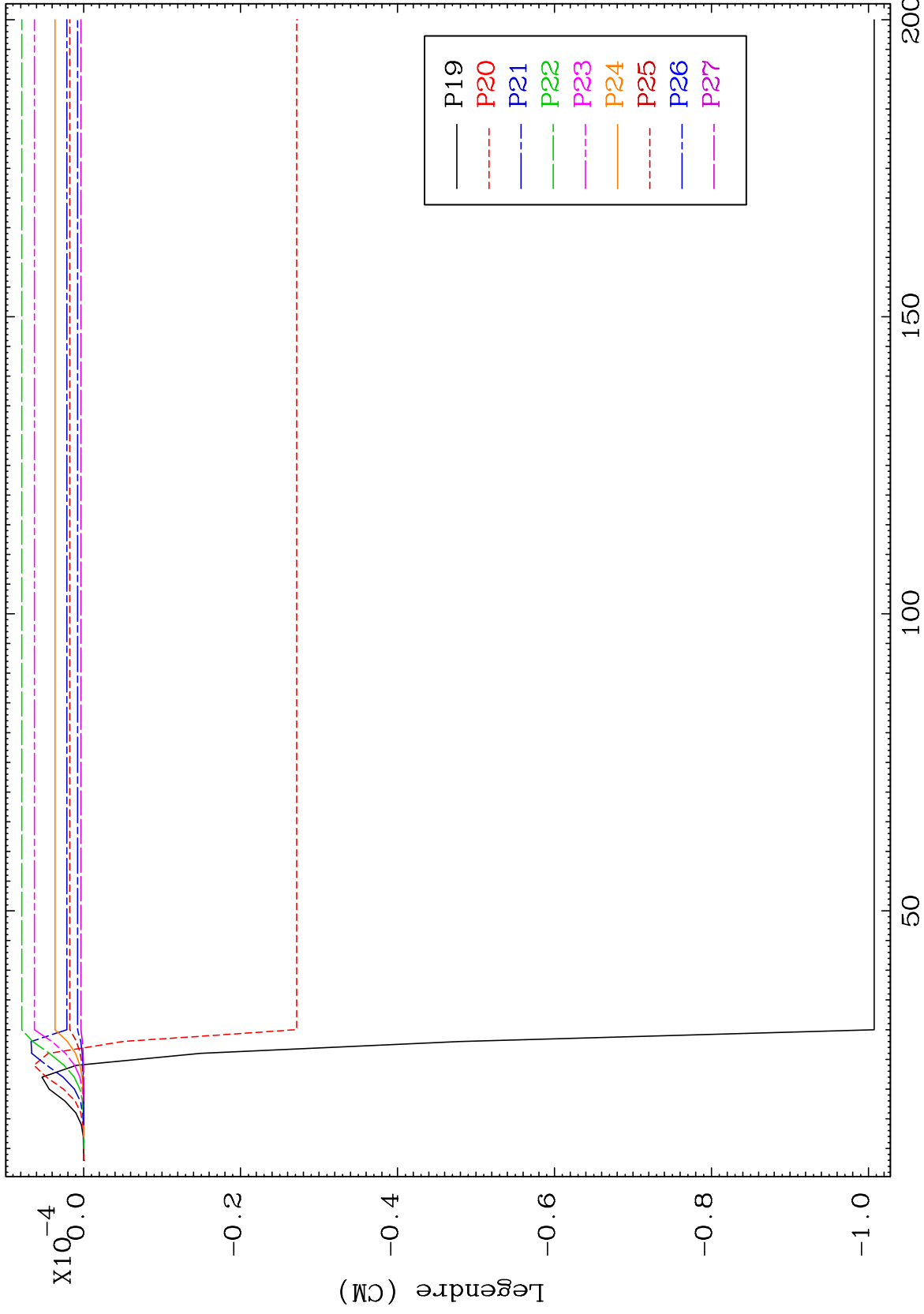
41-Nb-105

MAT 4161

MT= 58 (n,n') Level

41-Nb-105

Legendre Coefficients



50

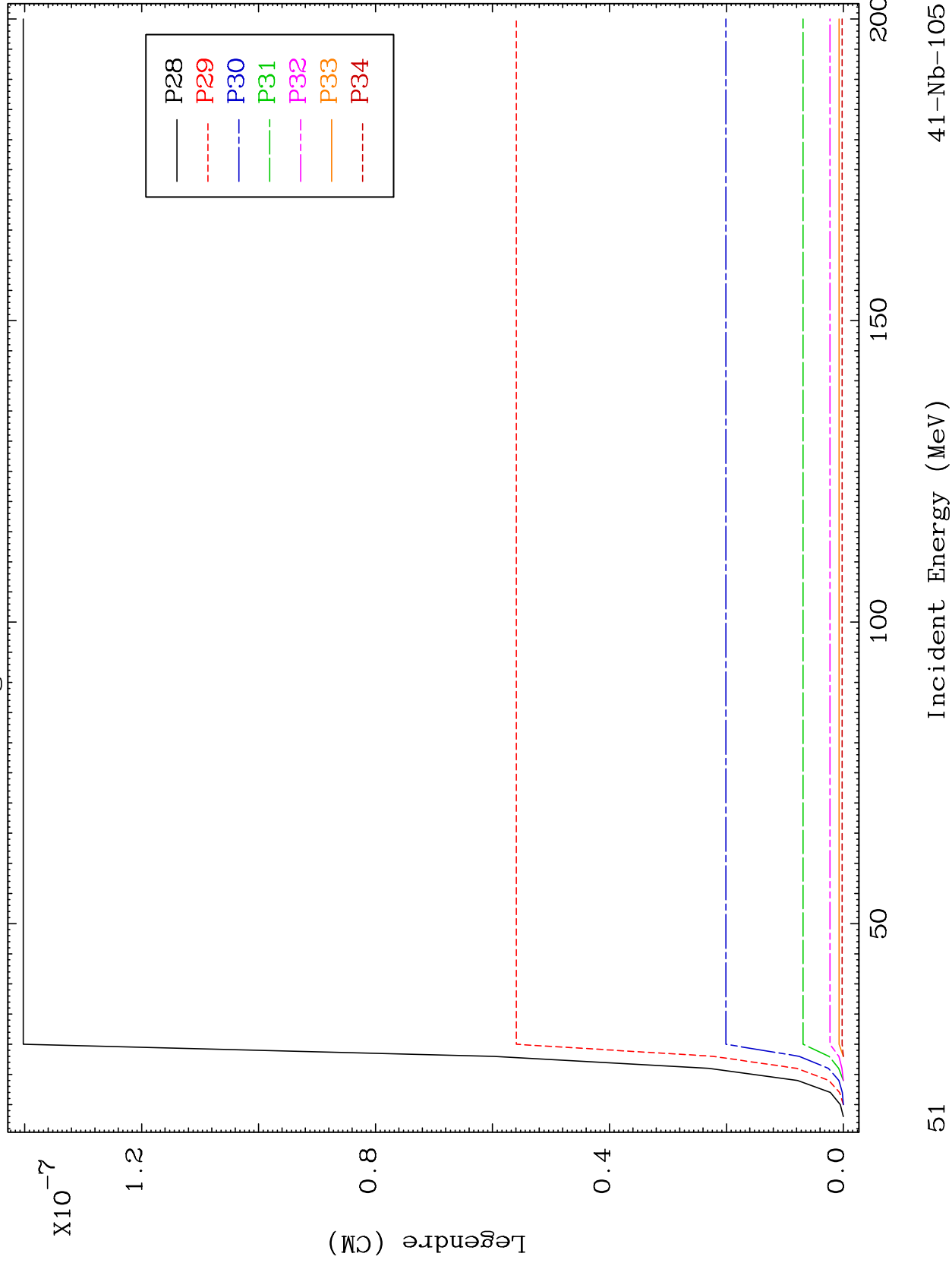
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



51

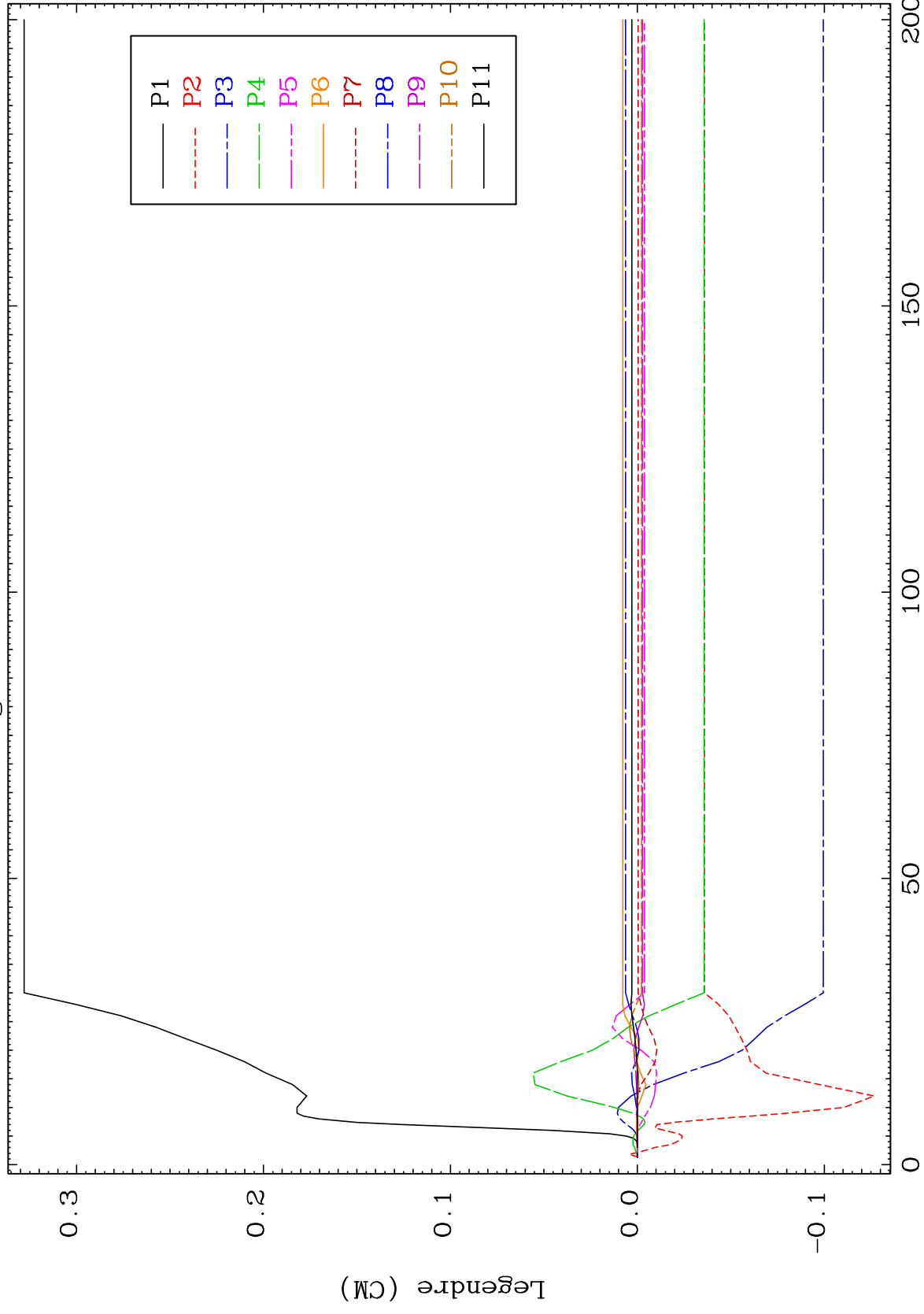
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



52

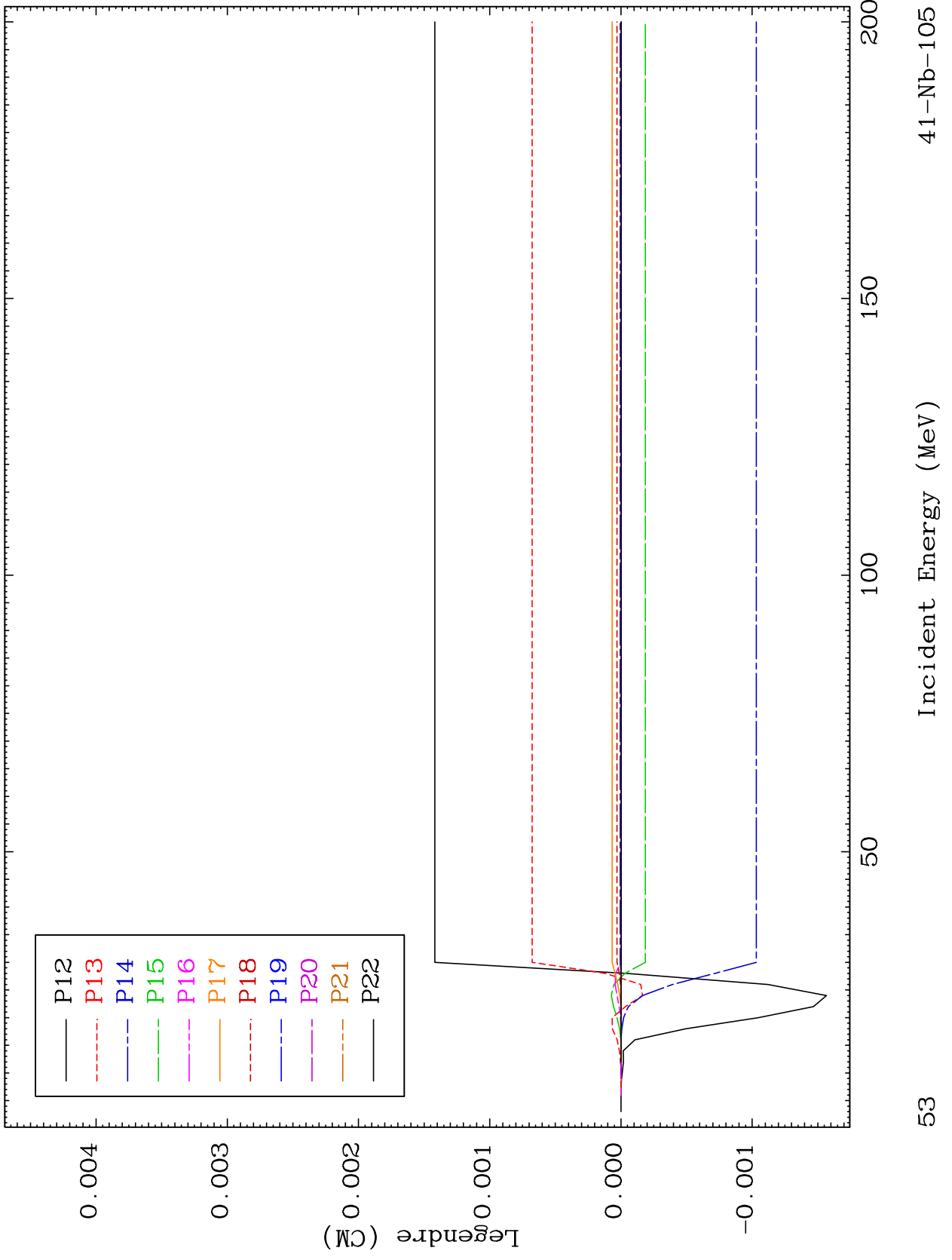
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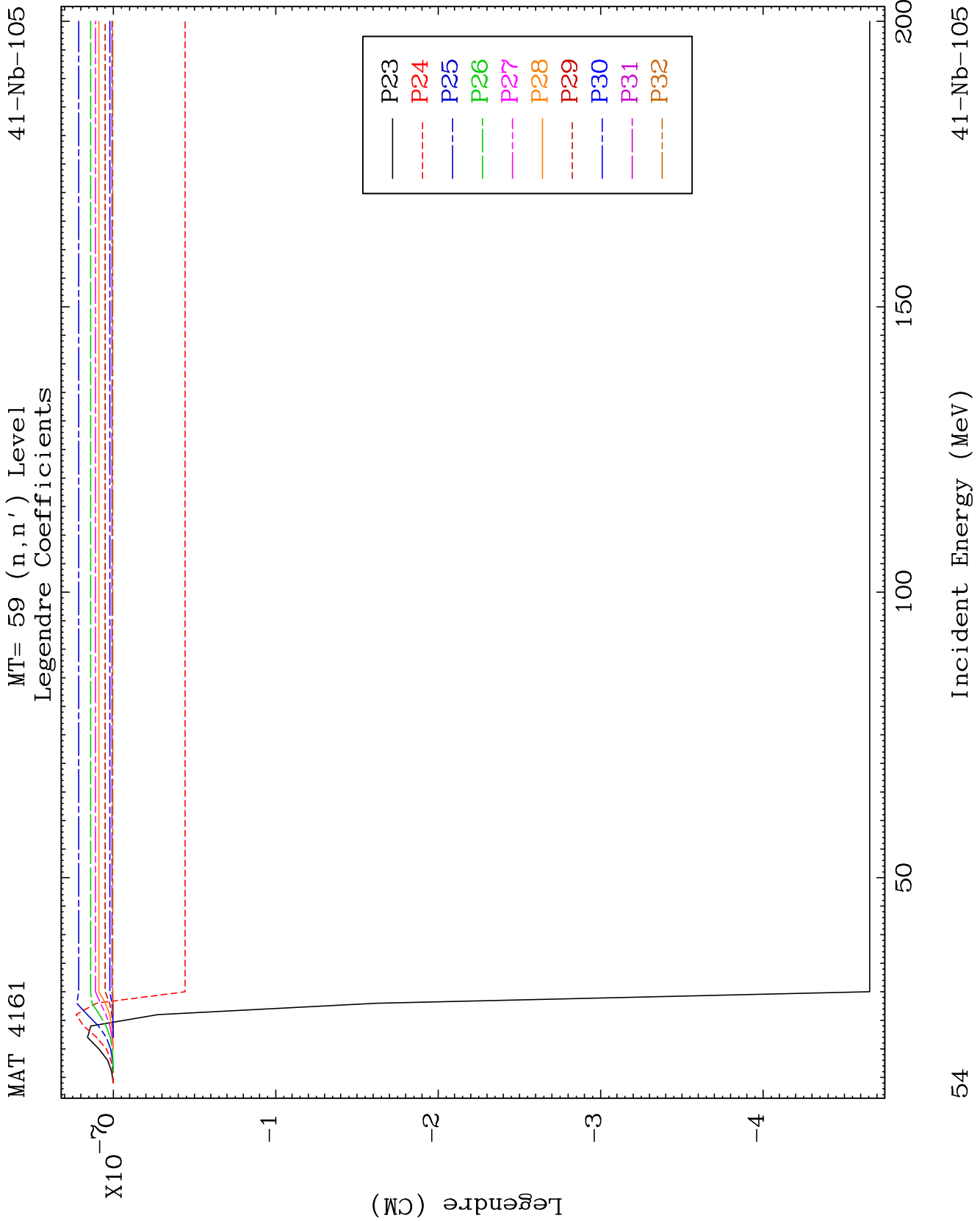
41-Nb-105

MAT 4161

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

41-Nb-105

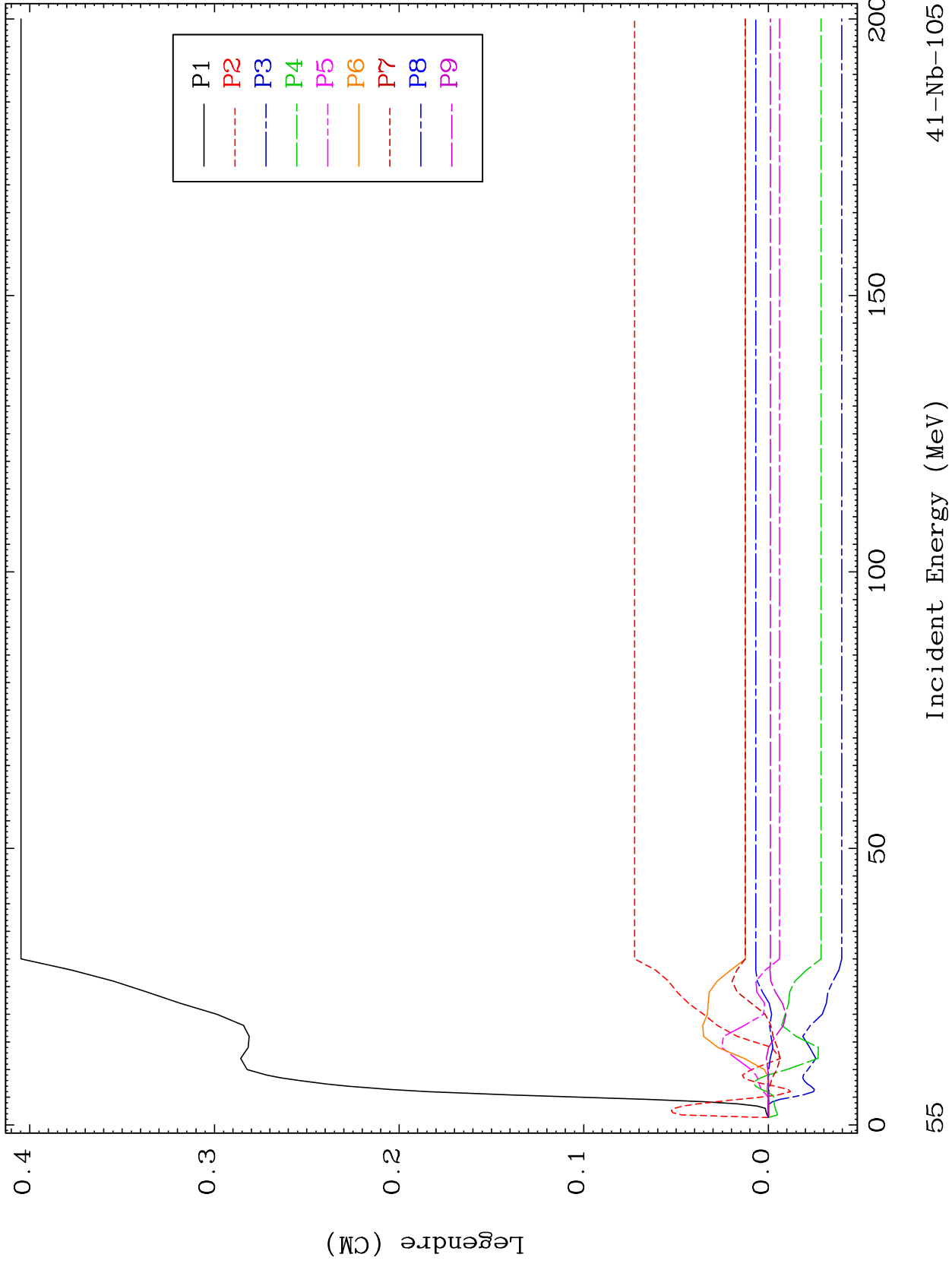




MAT 4161

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

41-Nb-105



41-Nb-105

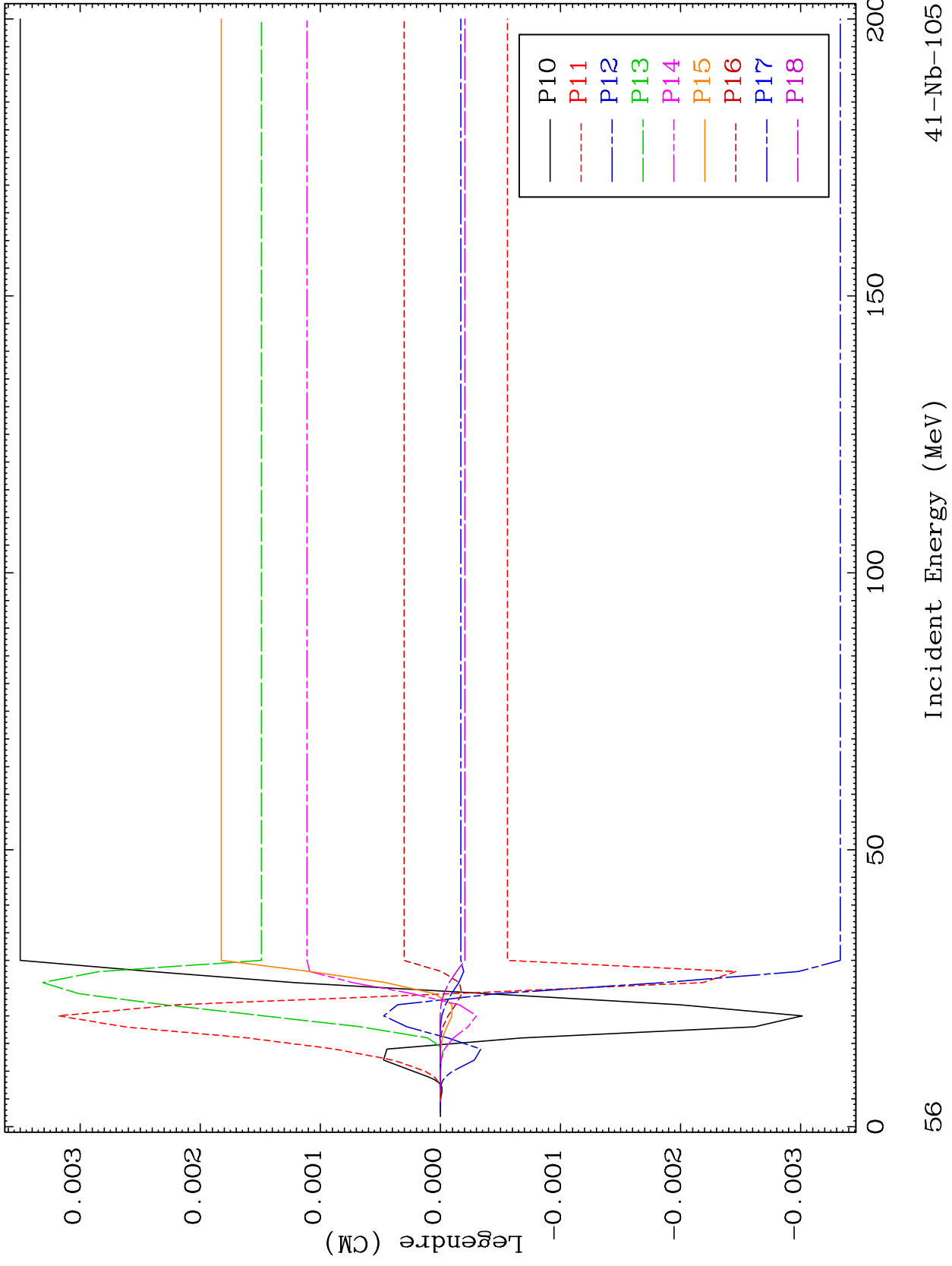
Incident Energy (MeV)

55

MAT 4161

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

41-Nb-105



56

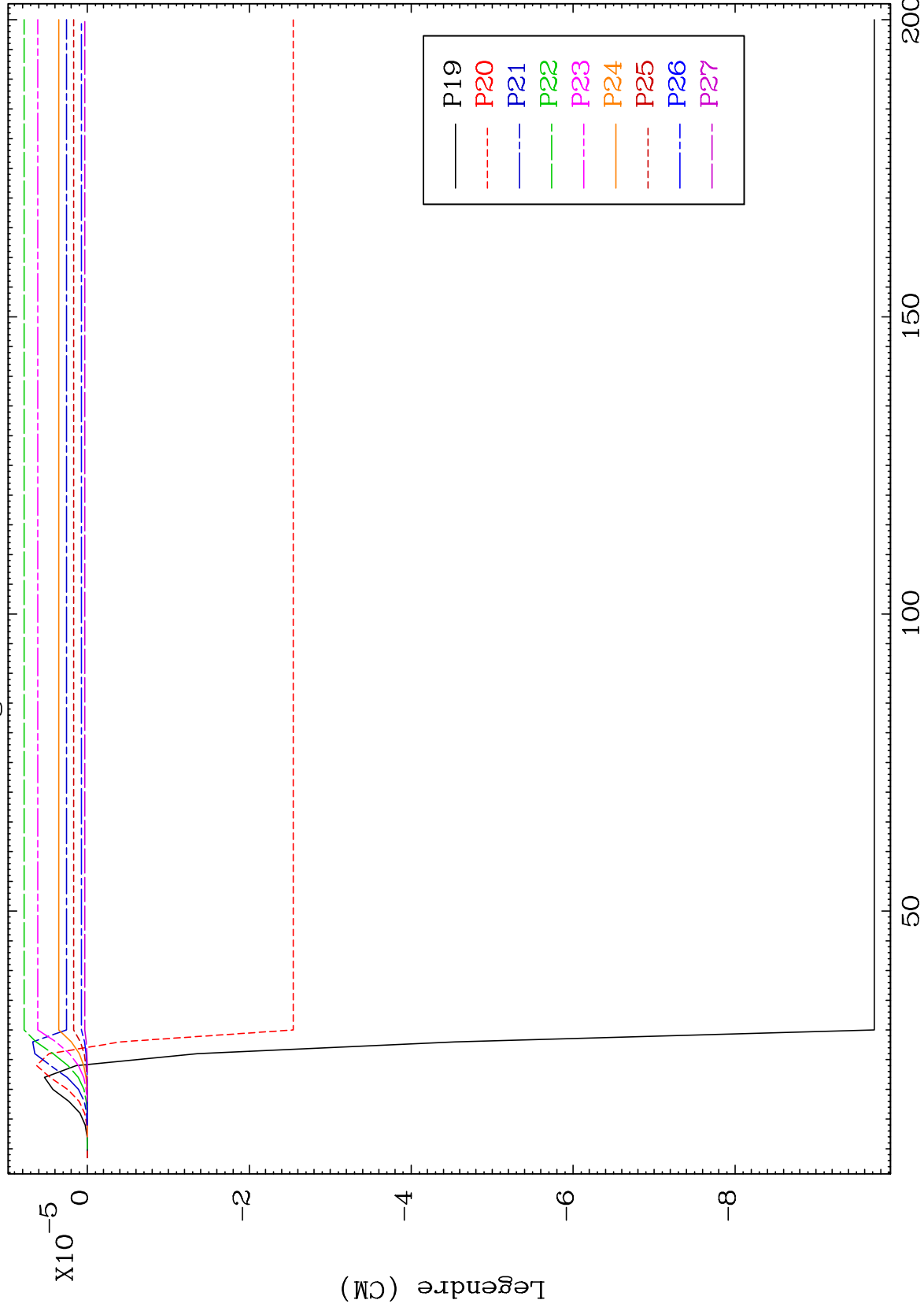
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

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



57

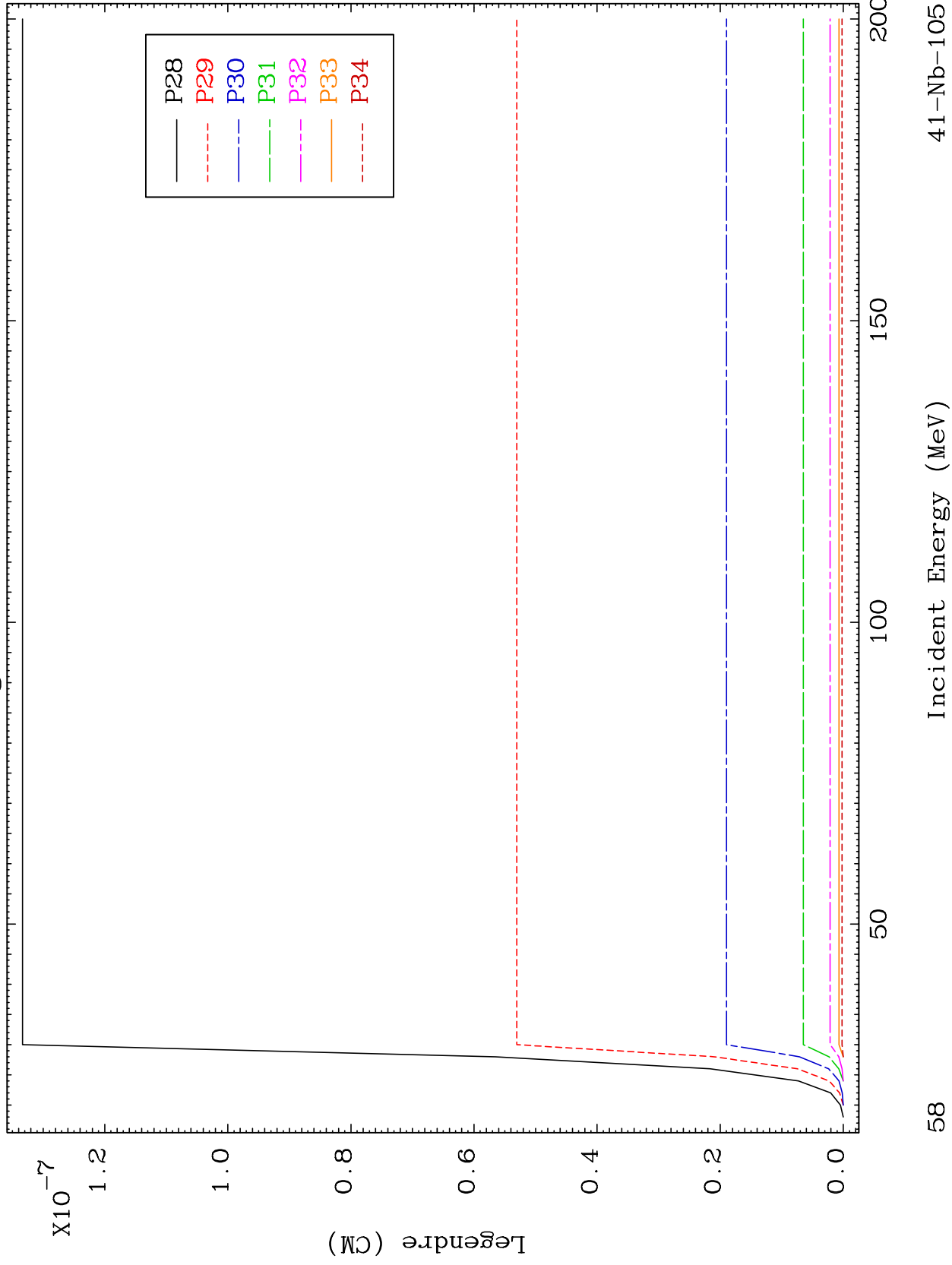
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



58

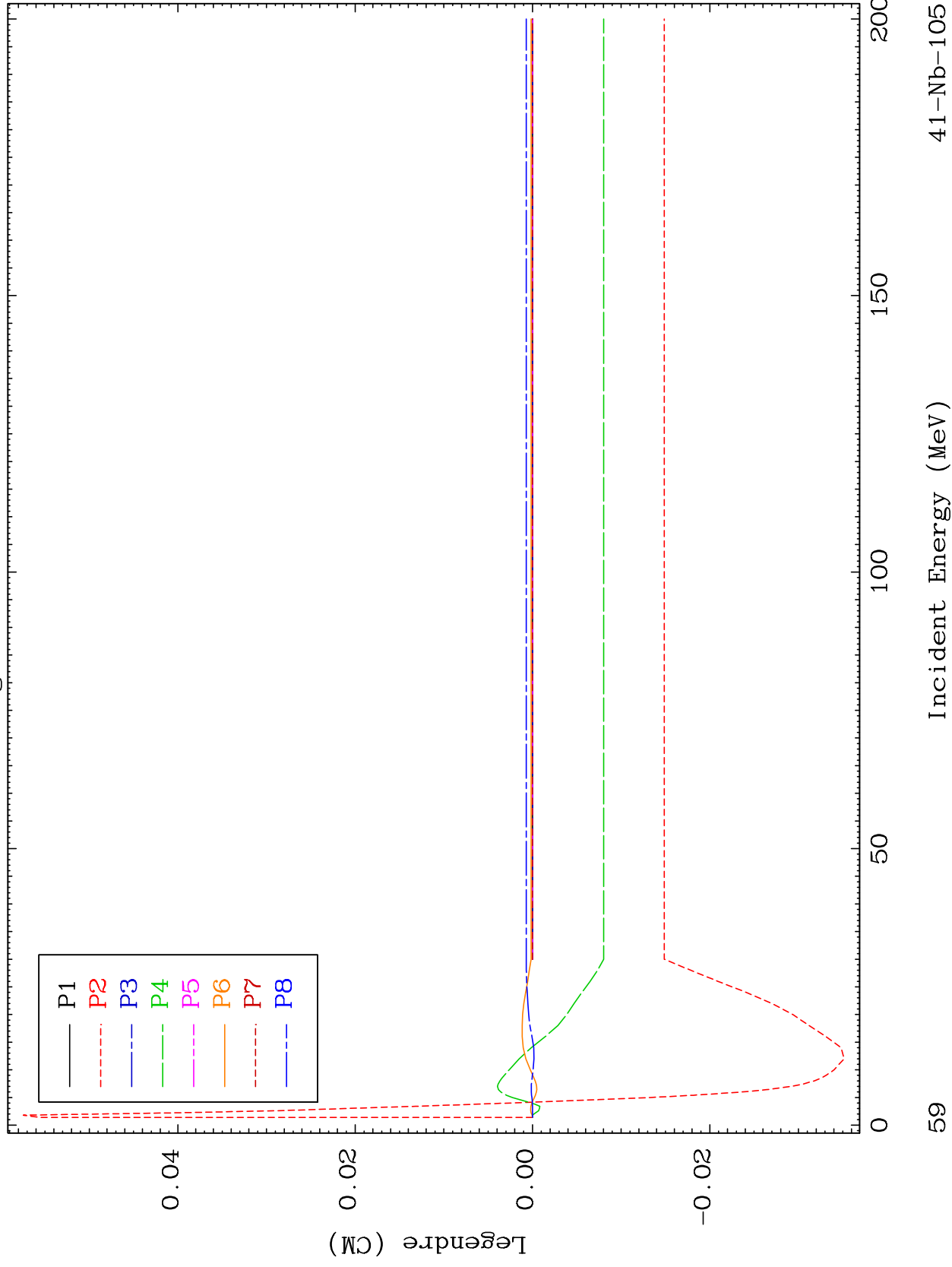
Incident Energy (MeV)

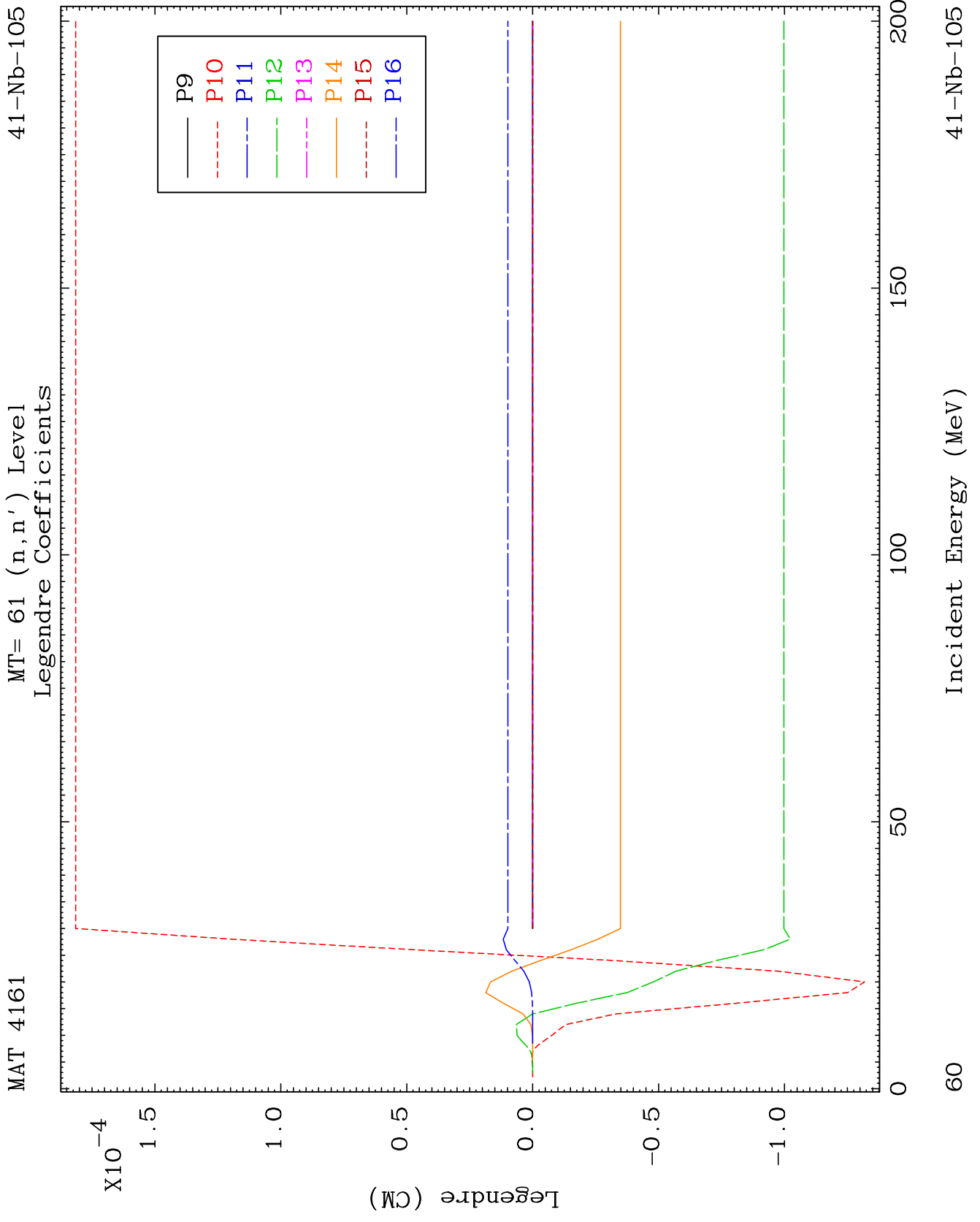
41-Nb-105

MAT 4161

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

41-Nb-105



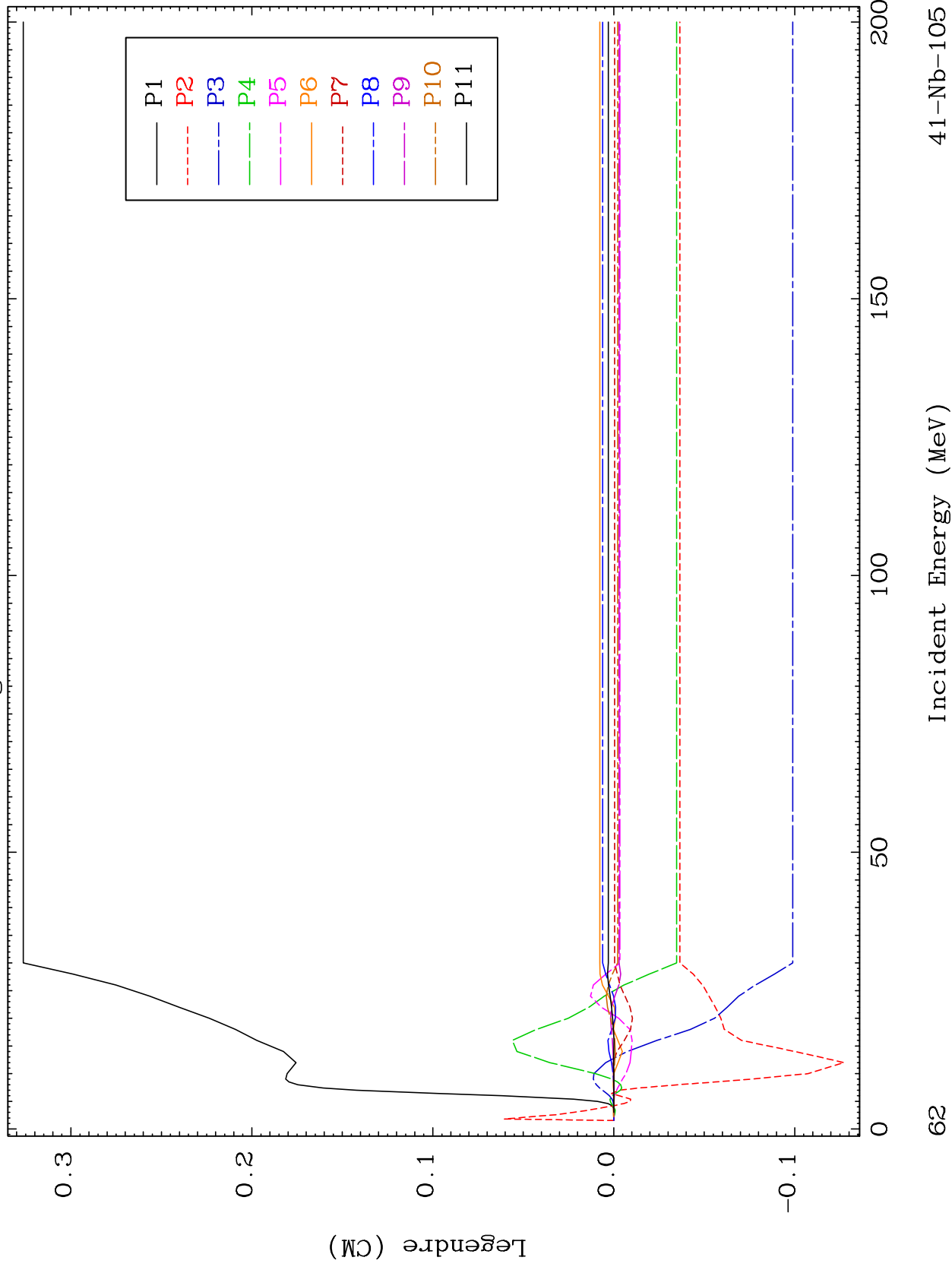




MAT 4161

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

41-Nb-105



41-Nb-105

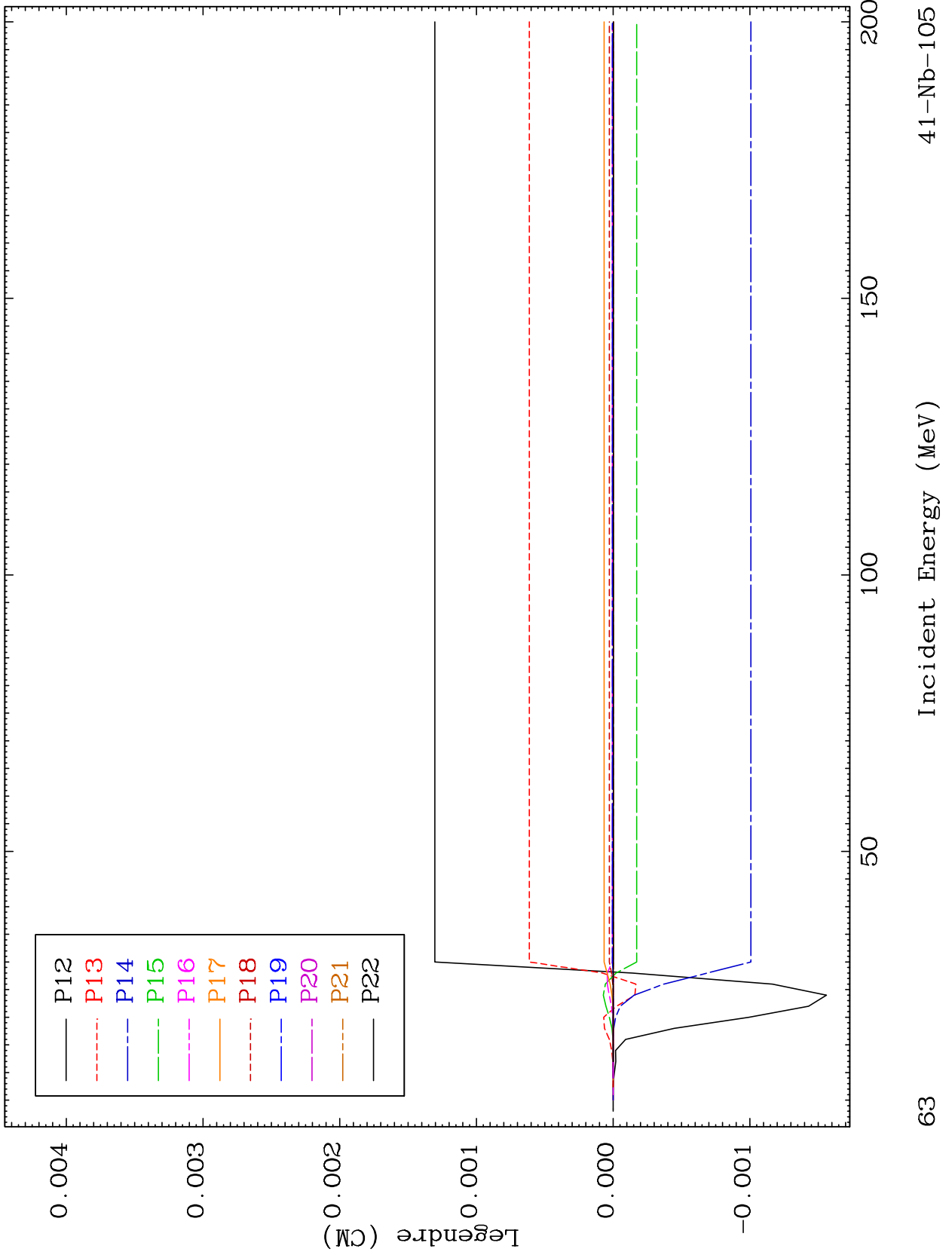
Incident Energy (MeV)

62

MAT 4161

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

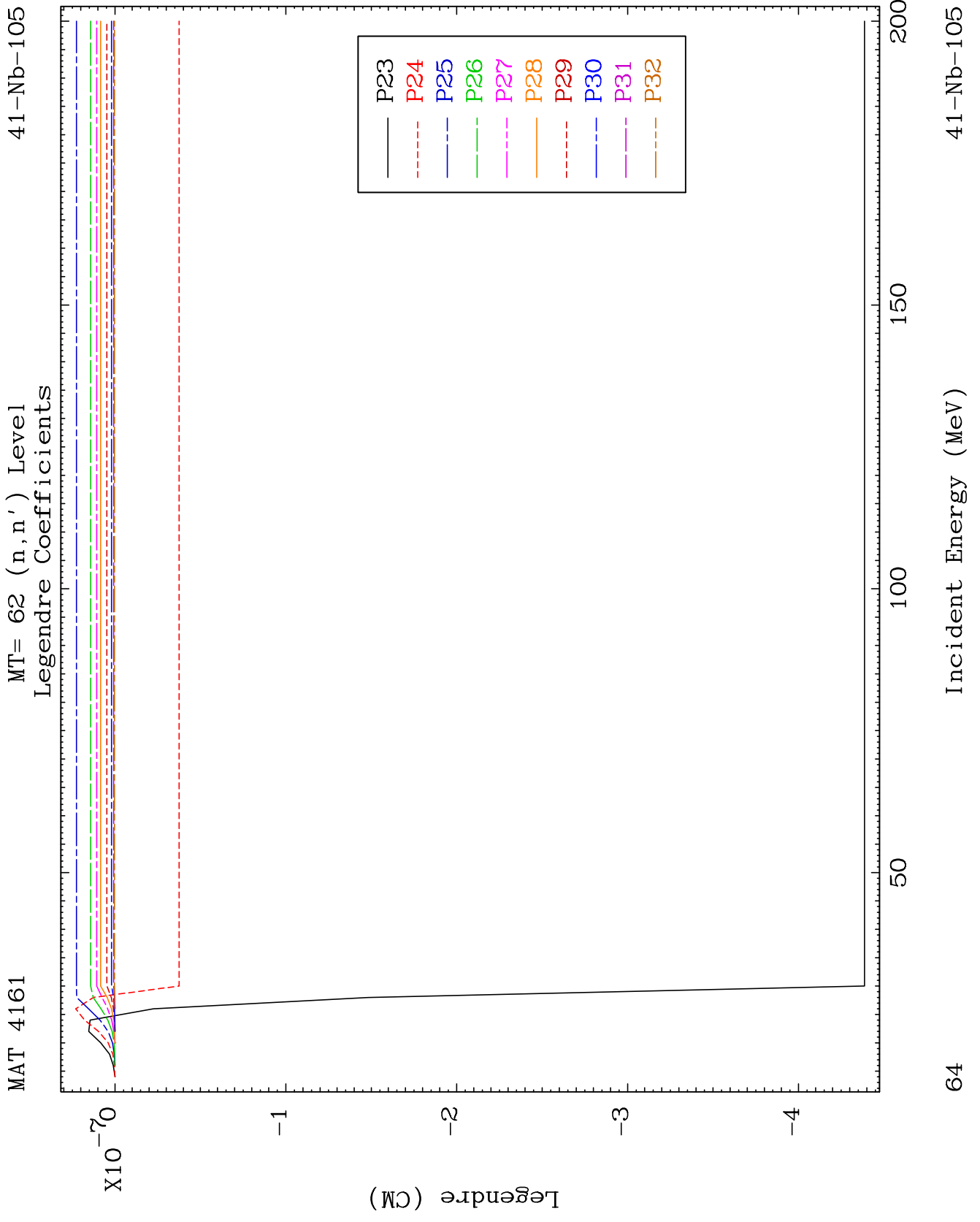
41-Nb-105



63

Incident Energy (MeV)

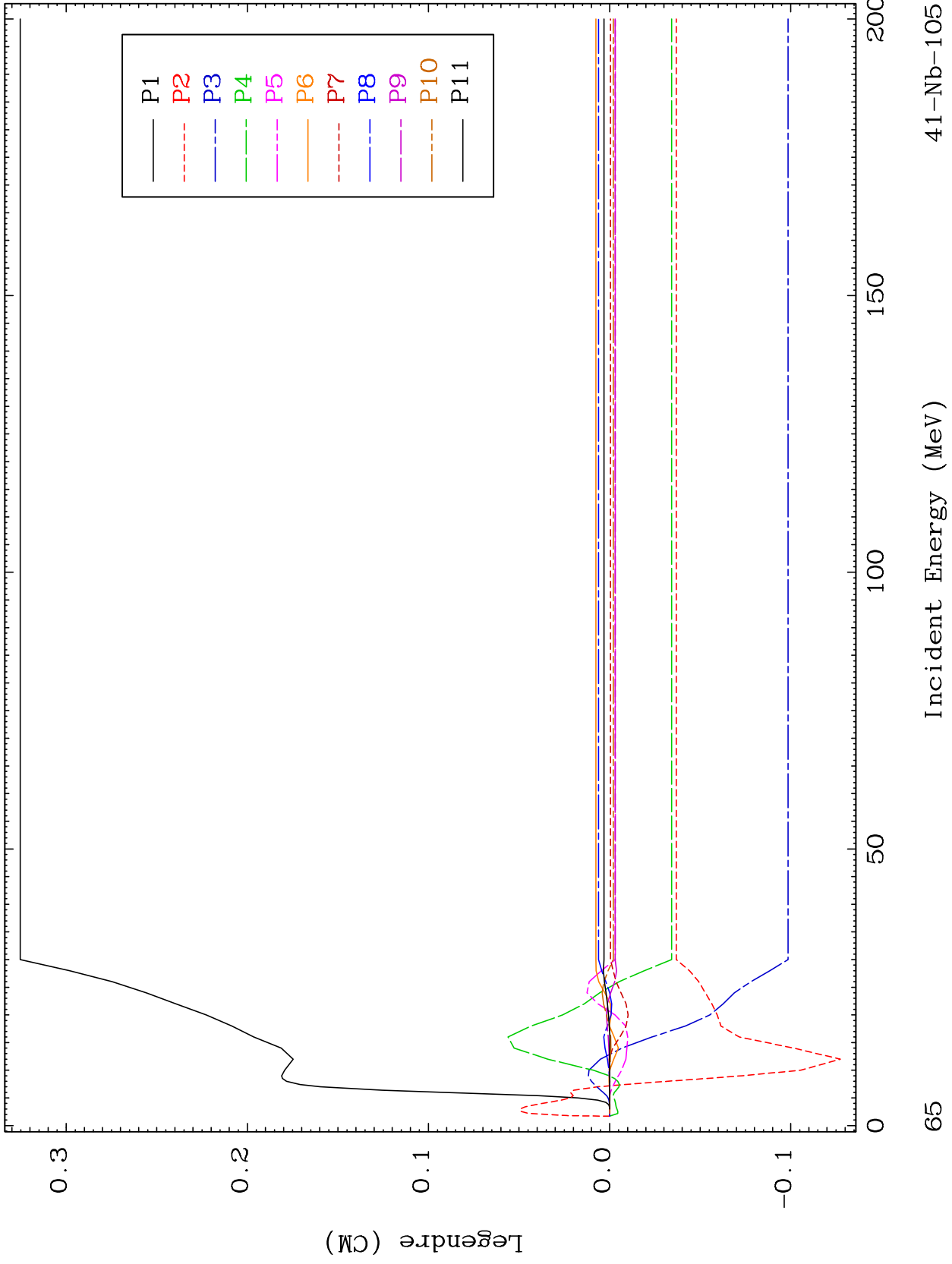
41-Nb-105



MAT 4161

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

41-Nb-105



41-Nb-105

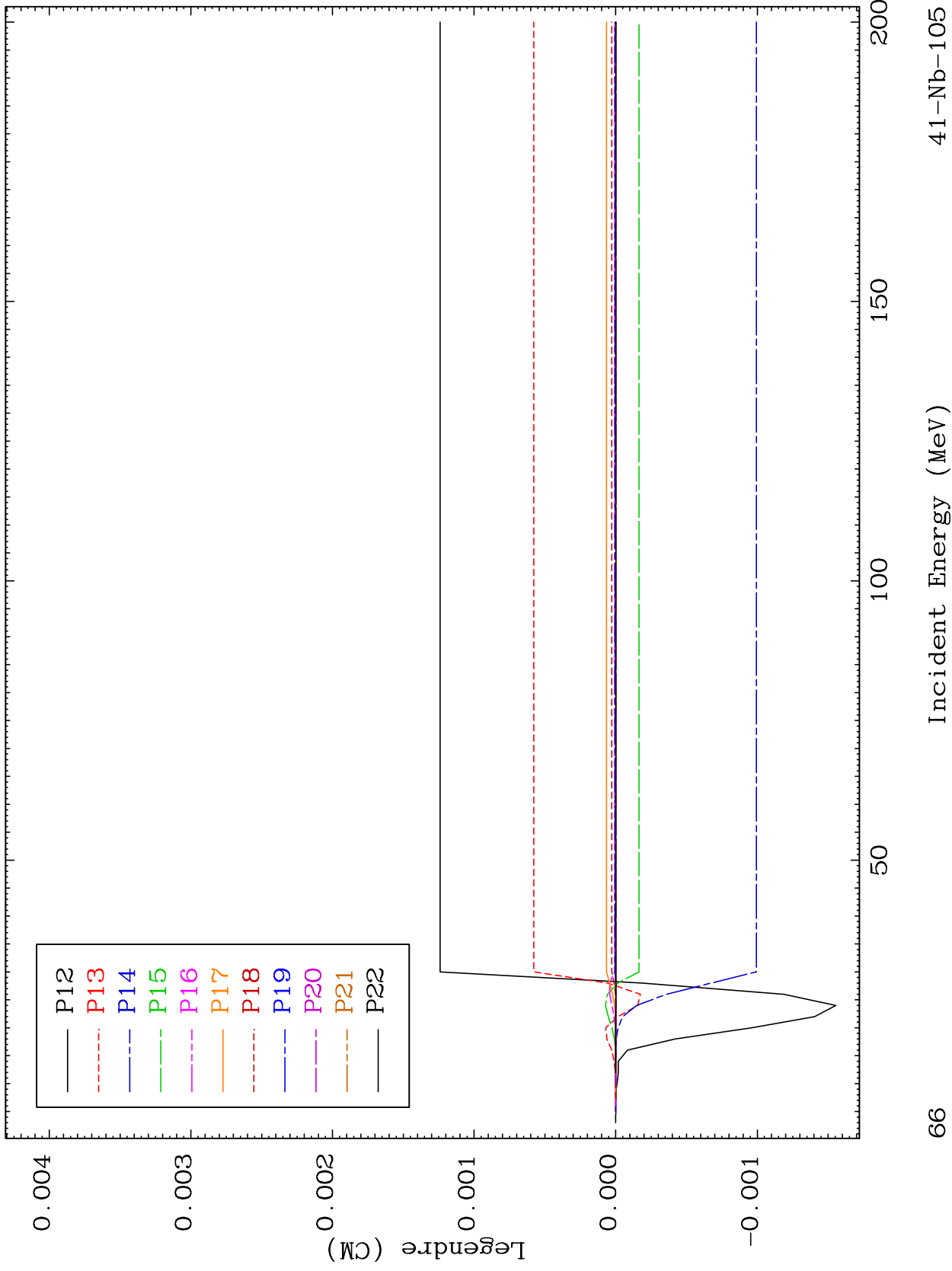
Incident Energy (MeV)

65

MAT 4161

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

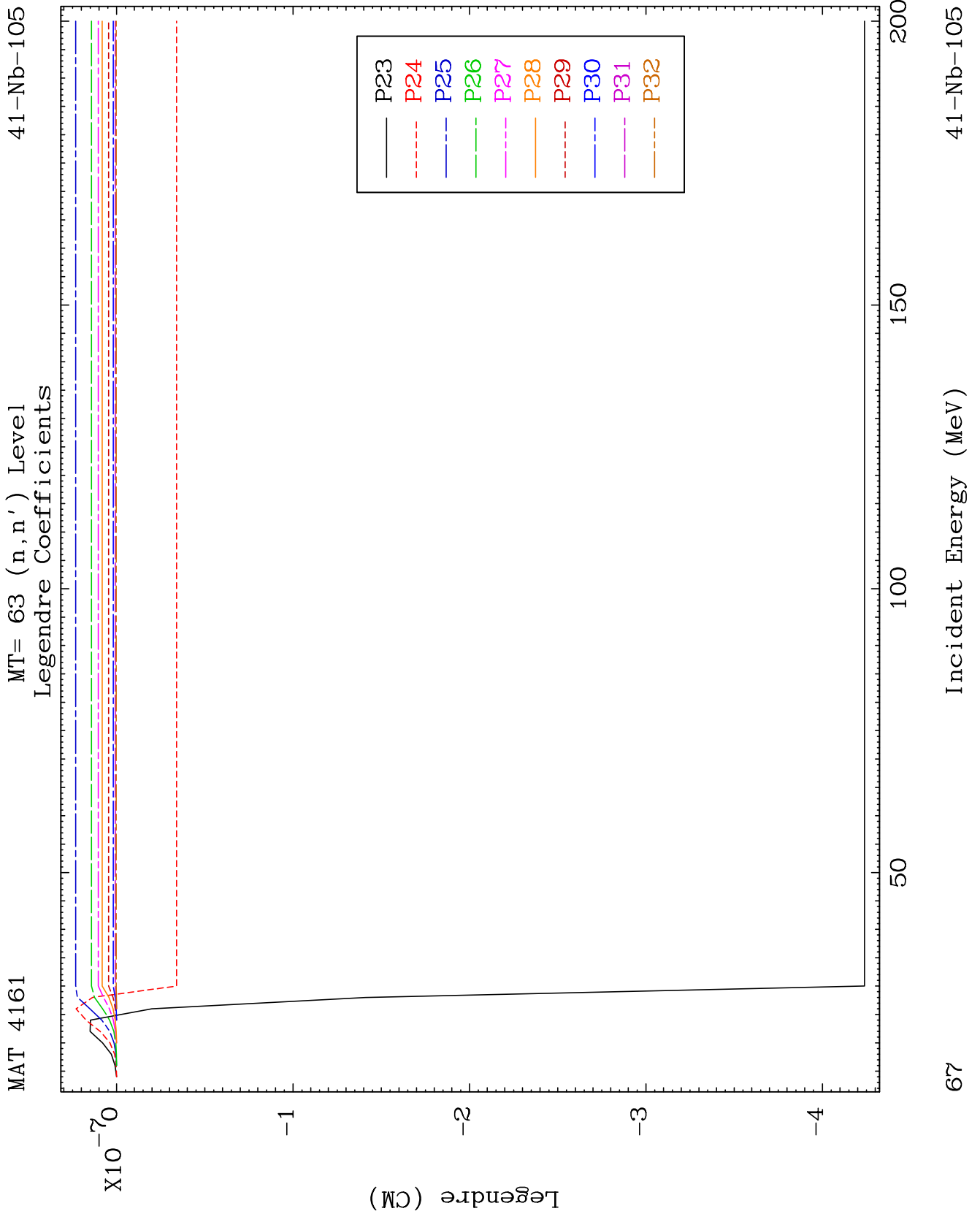
41-Nb-105



66

Incident Energy (MeV)

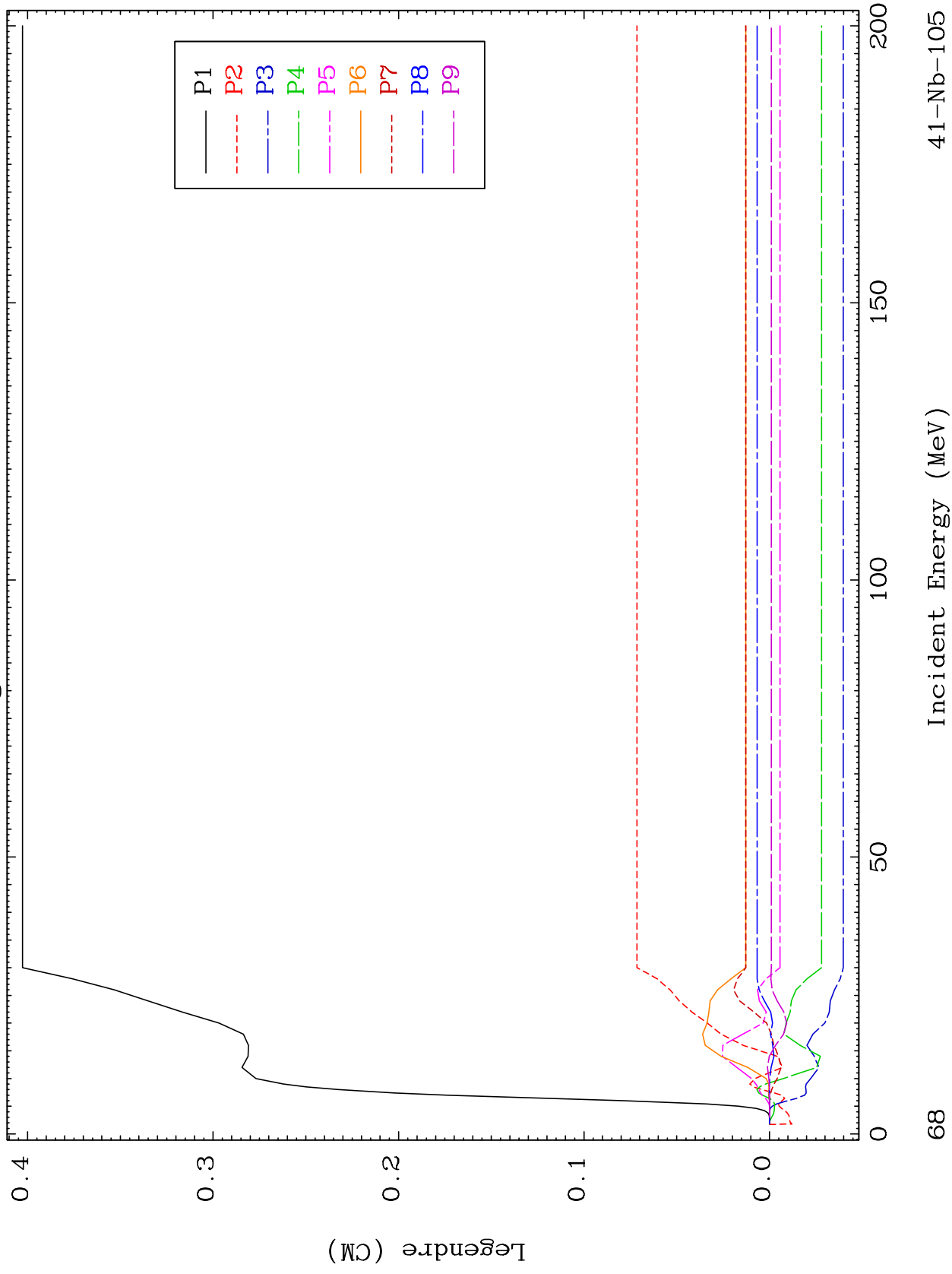
41-Nb-105

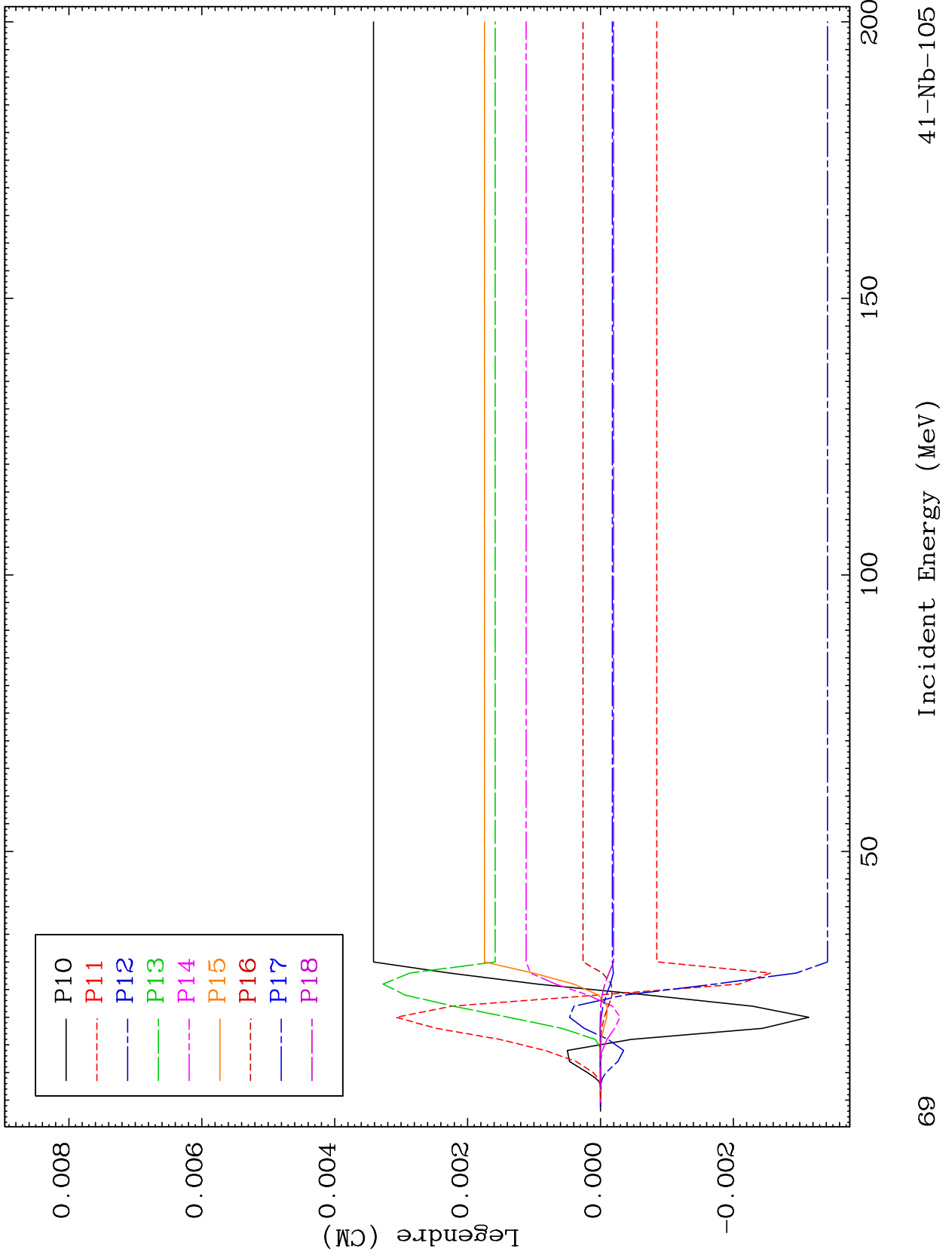


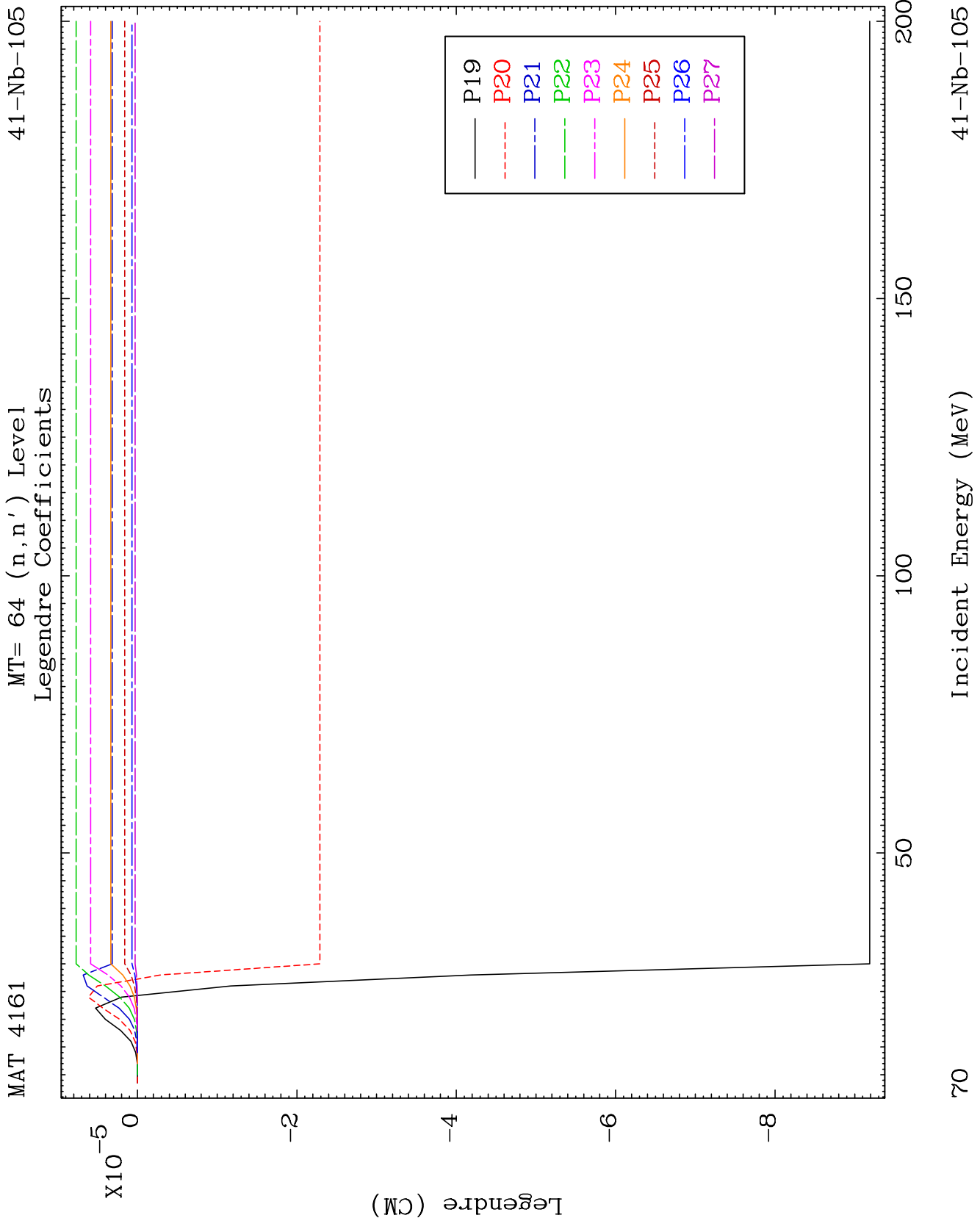
MAT 4161

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

41-Nb-105



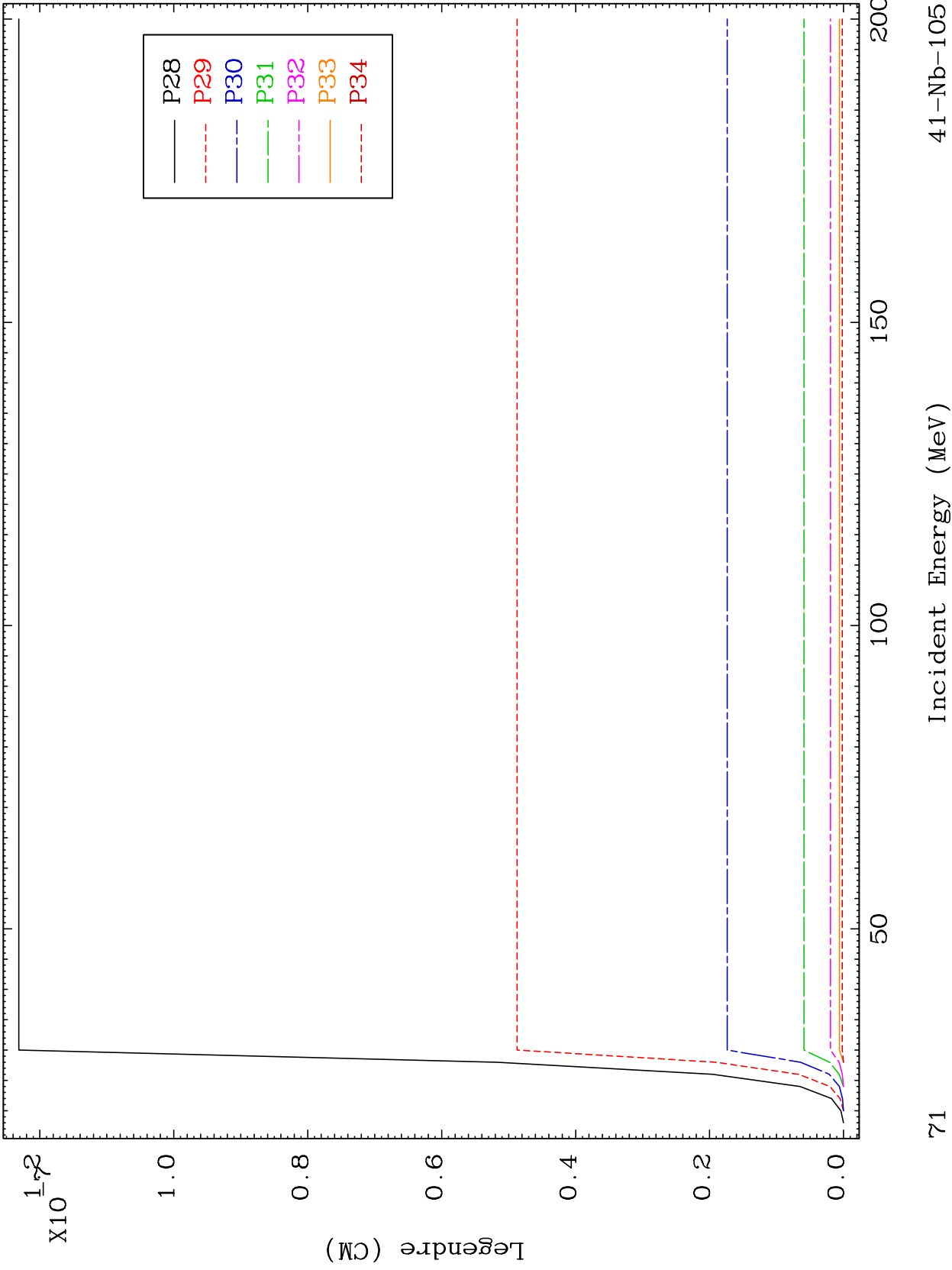




MAT 4161

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

41-Nb-105



71

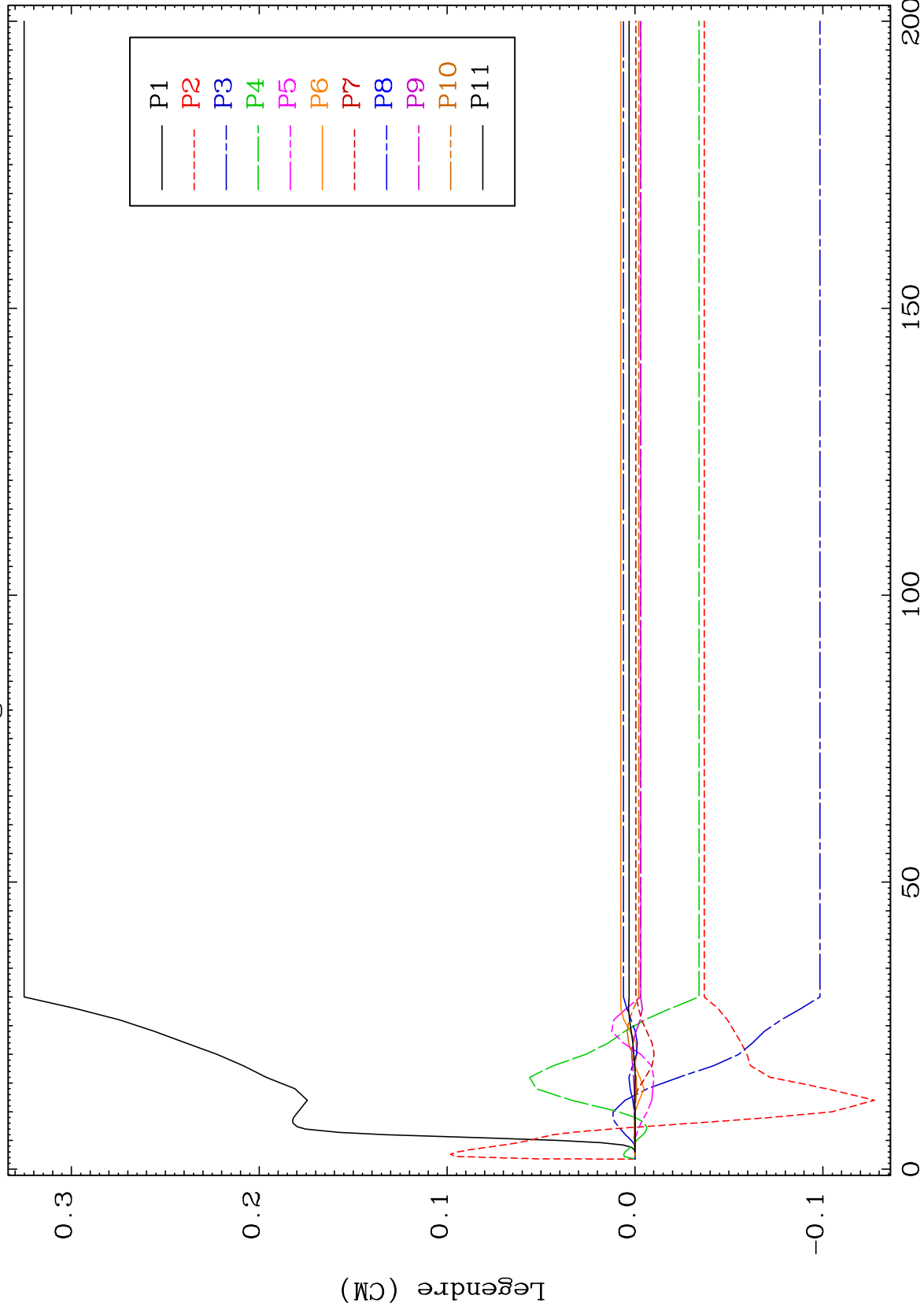
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



72

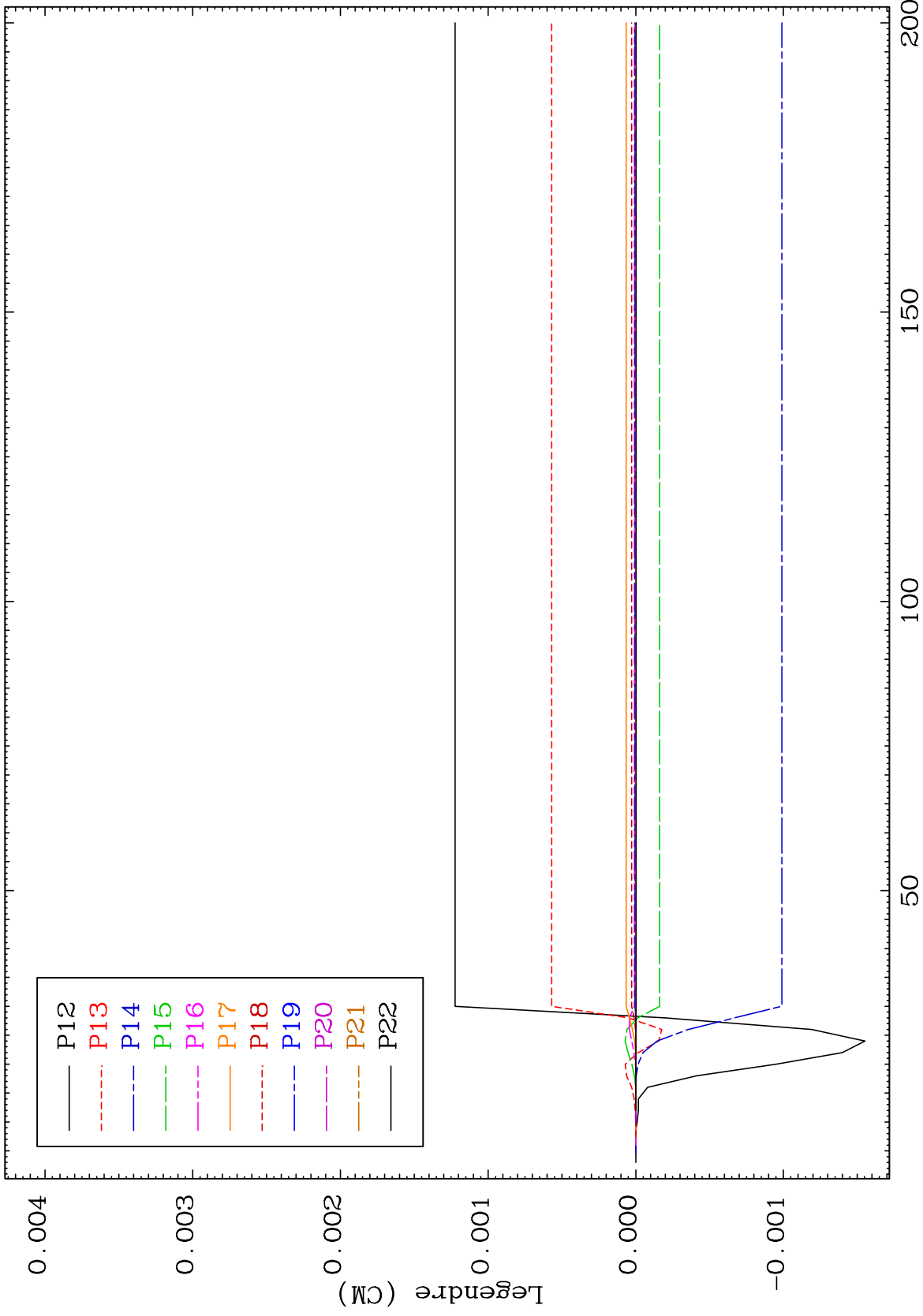
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

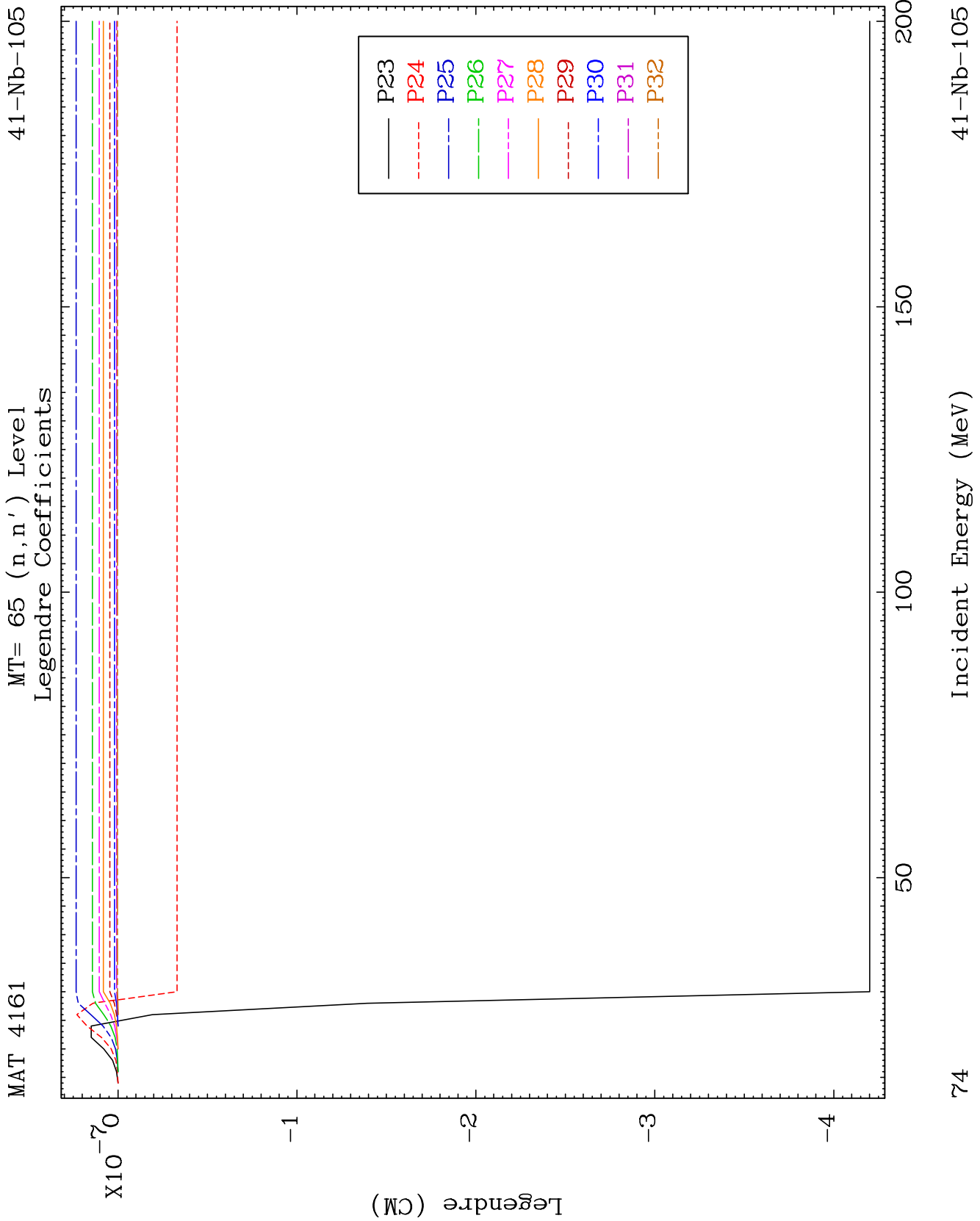
41-Nb-105



73

Incident Energy (MeV)

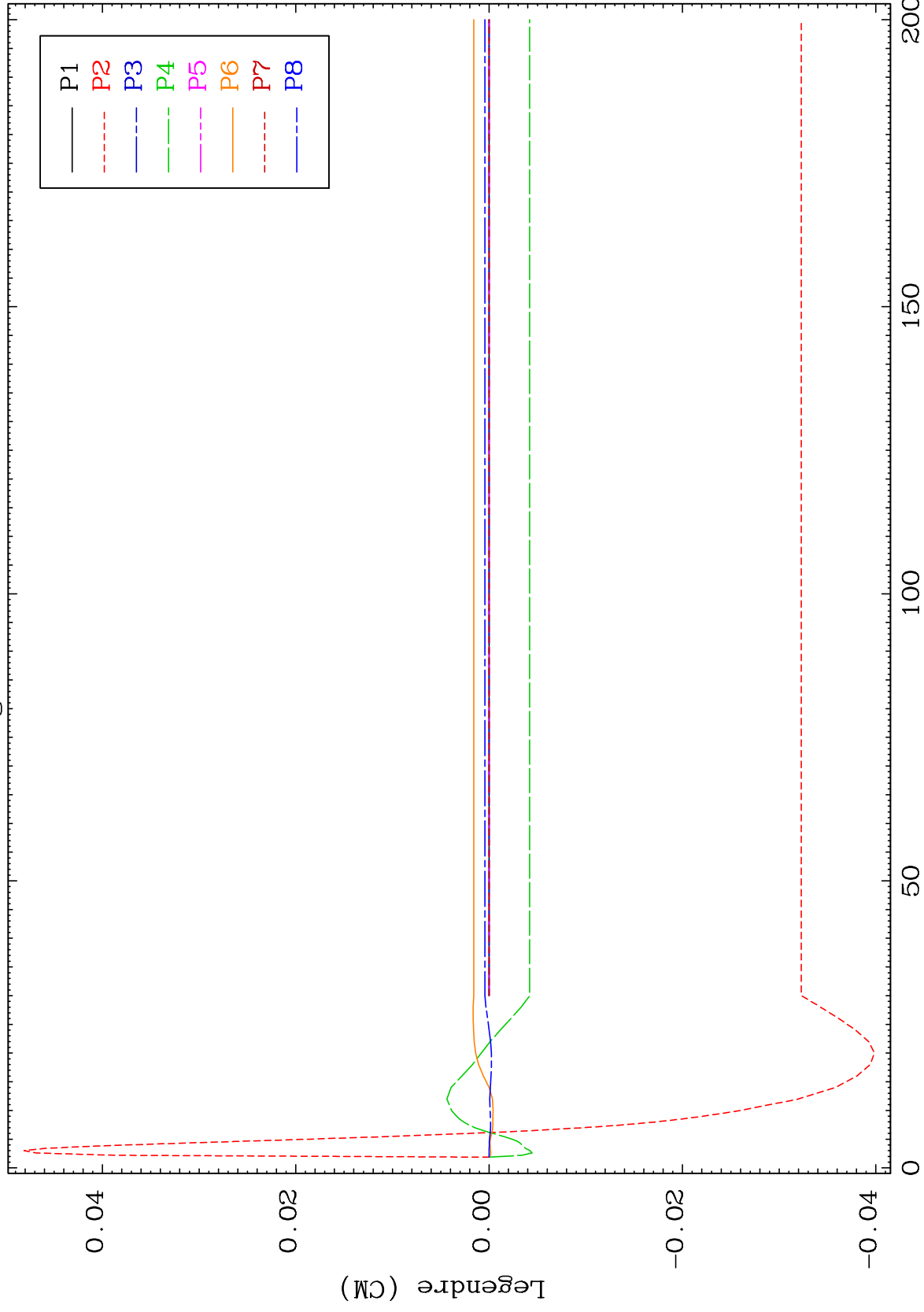
41-Nb-105



MAT 4161

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

41-Nb-105



75

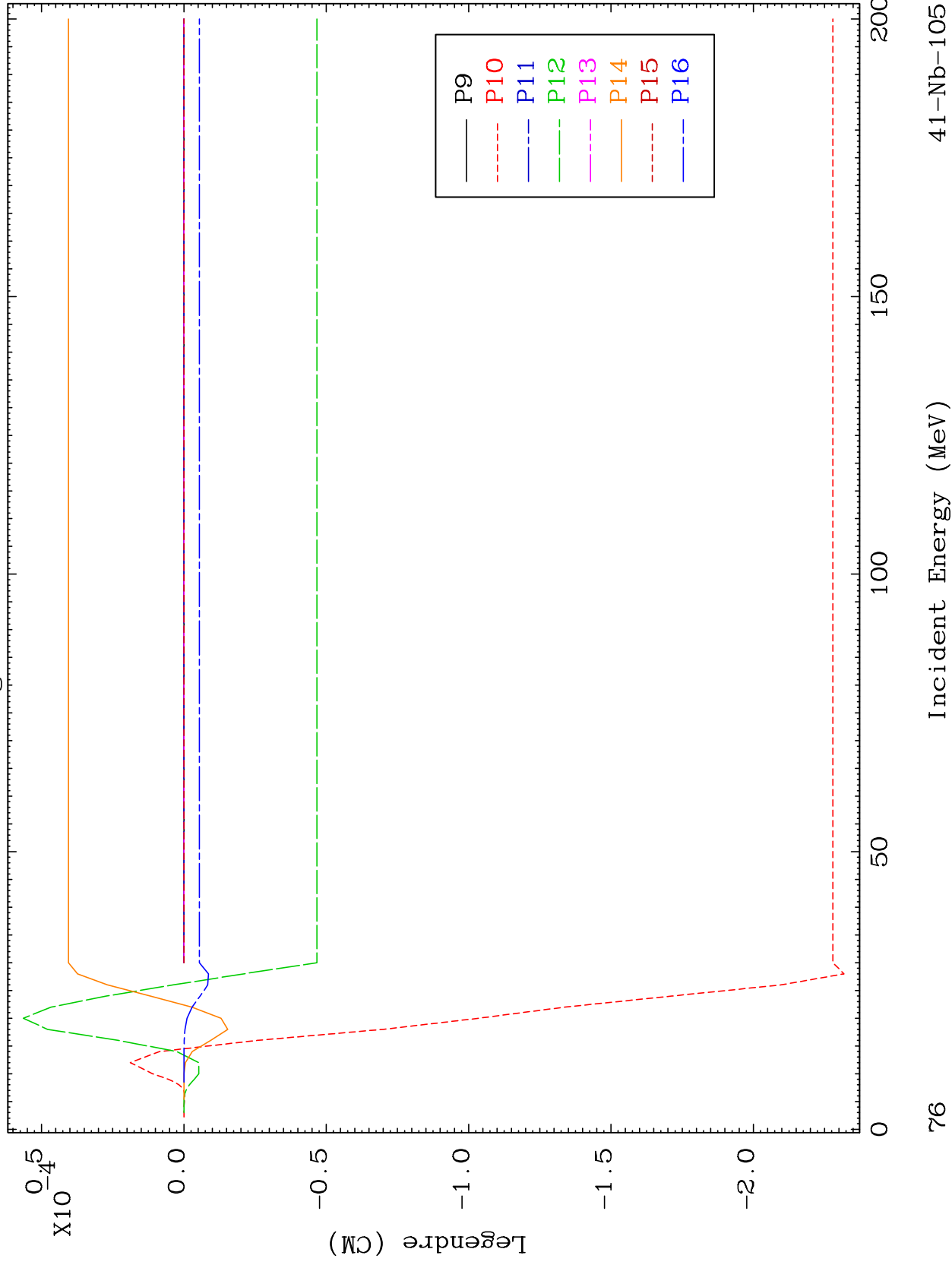
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

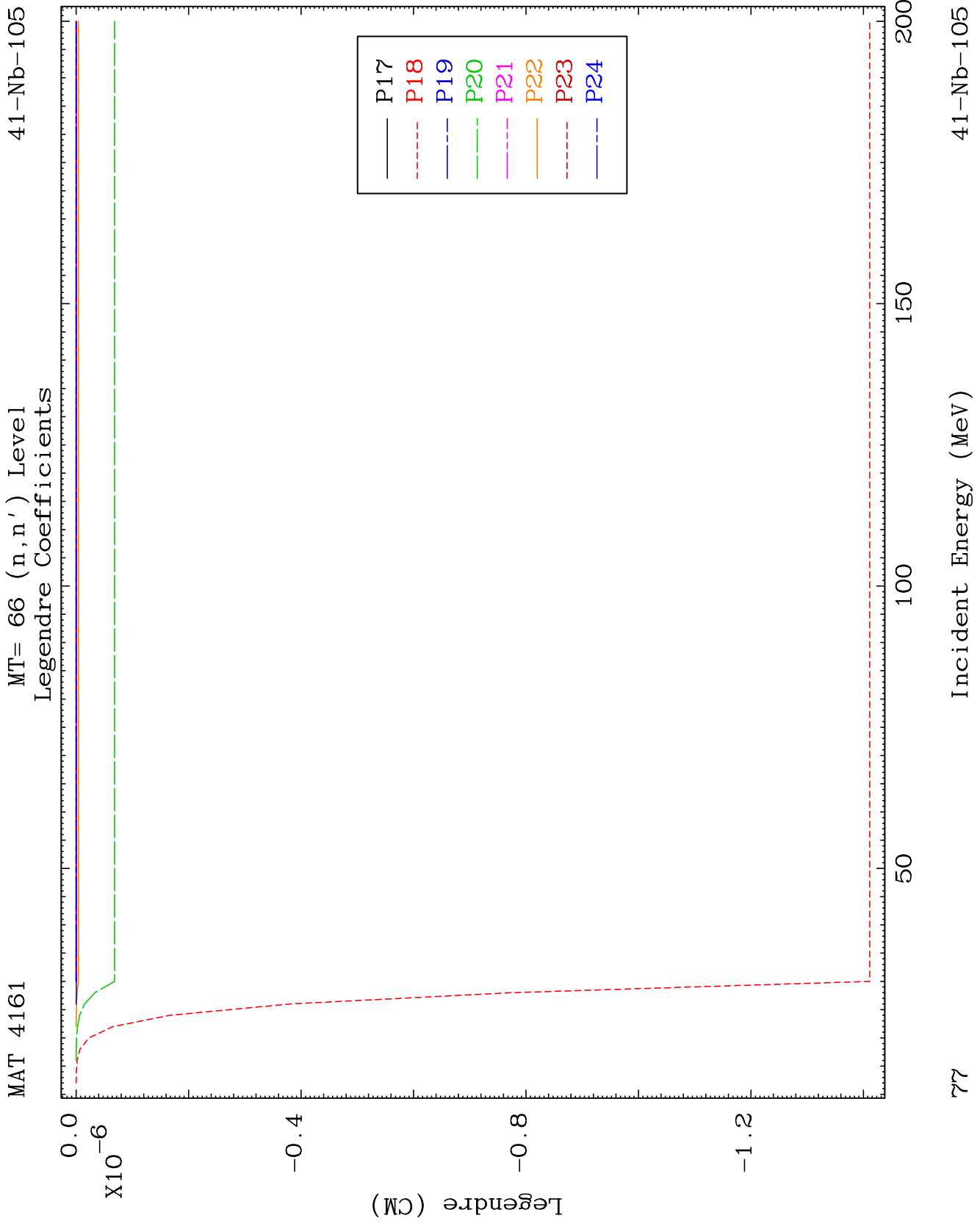
41-Nb-105



76

Incident Energy (MeV)

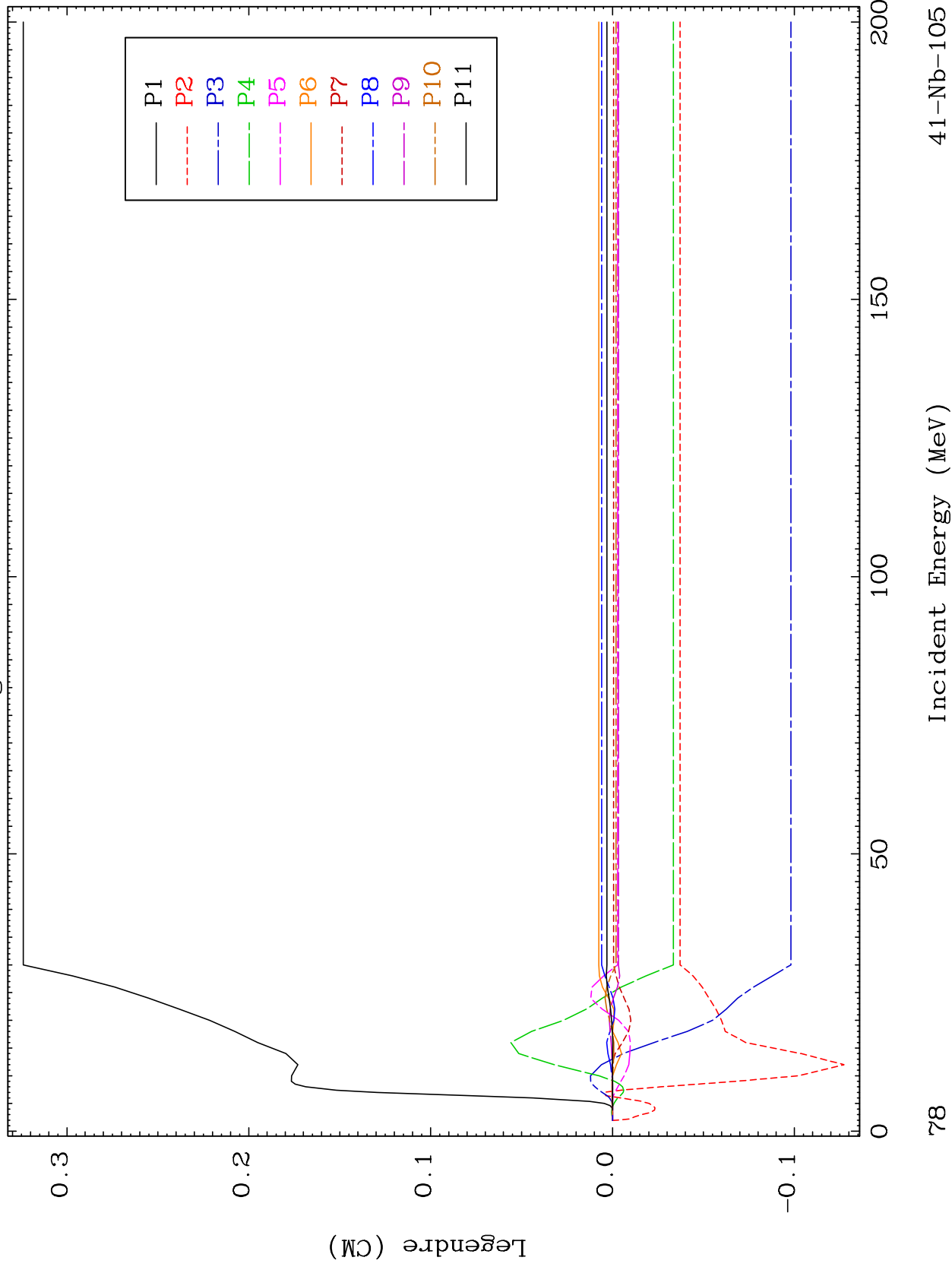
41-Nb-105



MAT 4161

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

41-Nb-105



78

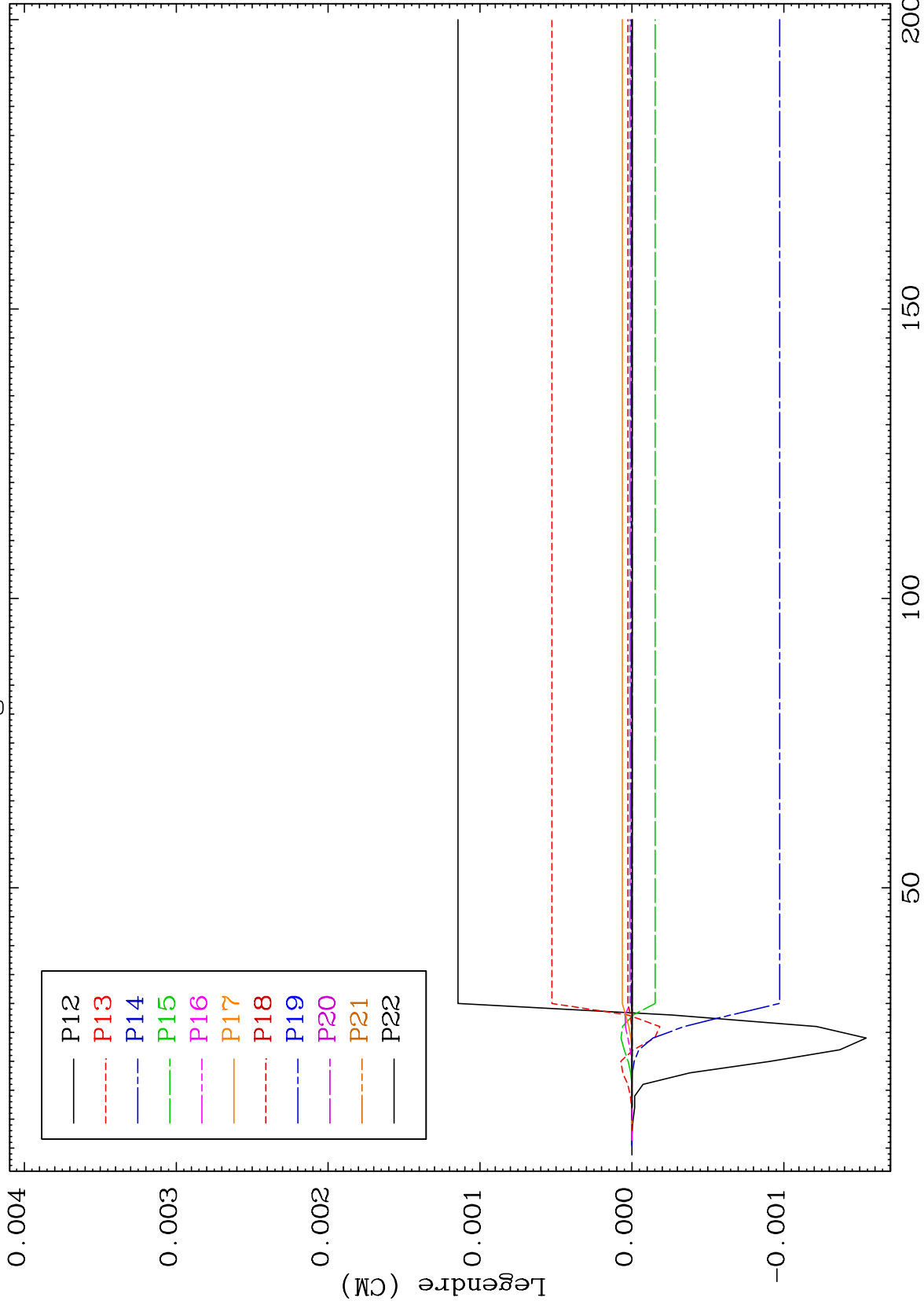
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

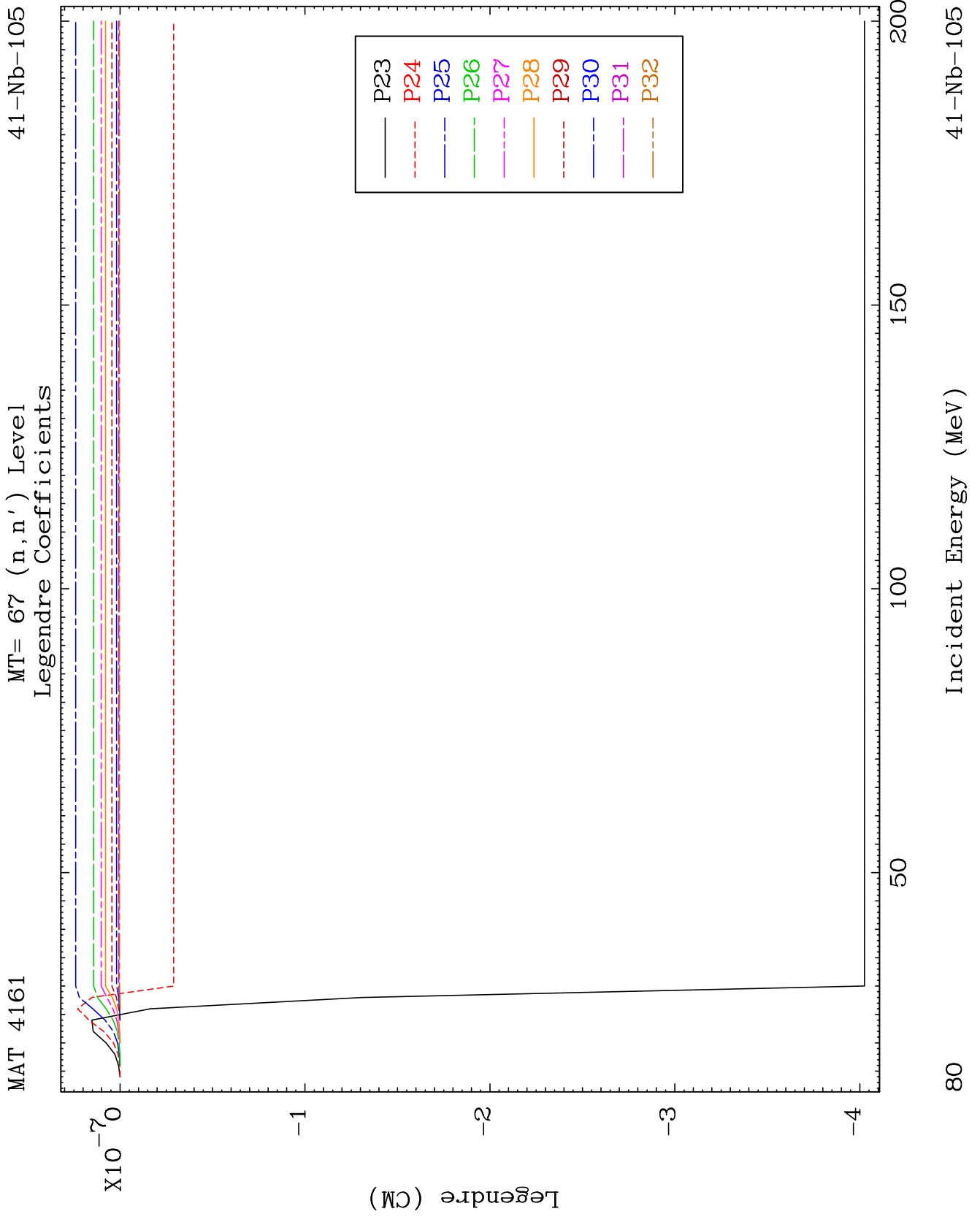
41-Nb-105



79

Incident Energy (MeV)

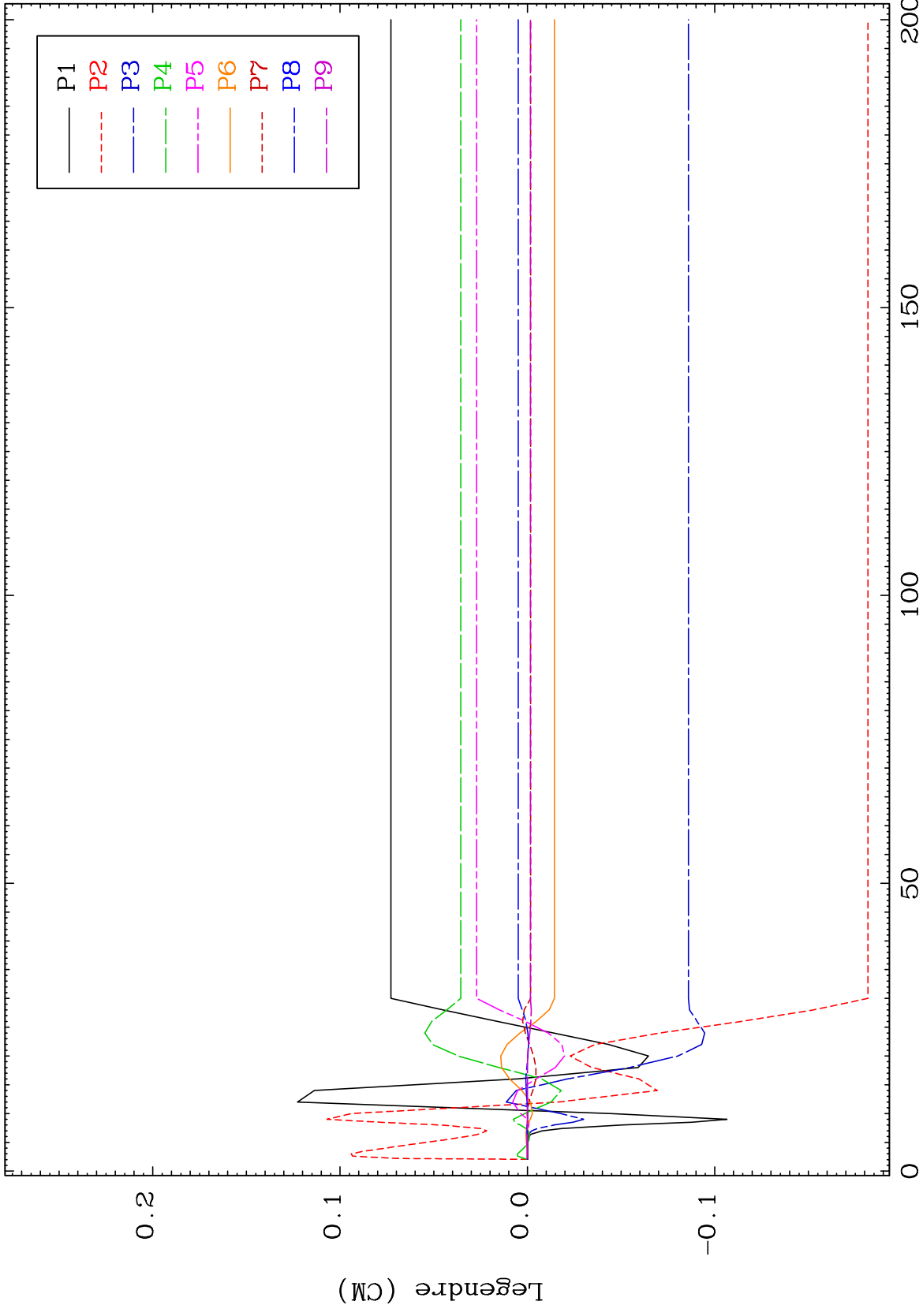
41-Nb-105



MAT 4161

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

41-Nb-105



81

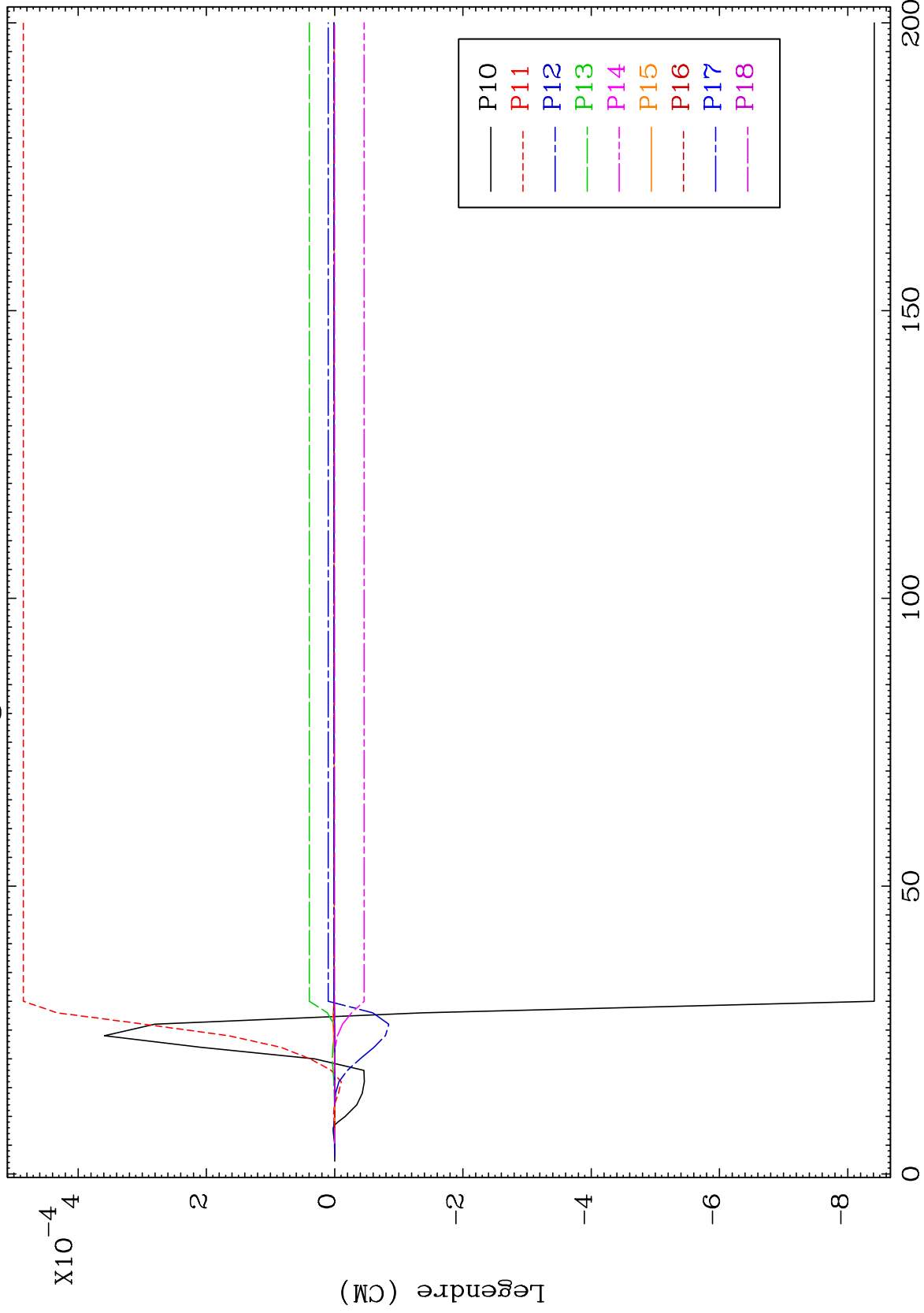
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



82

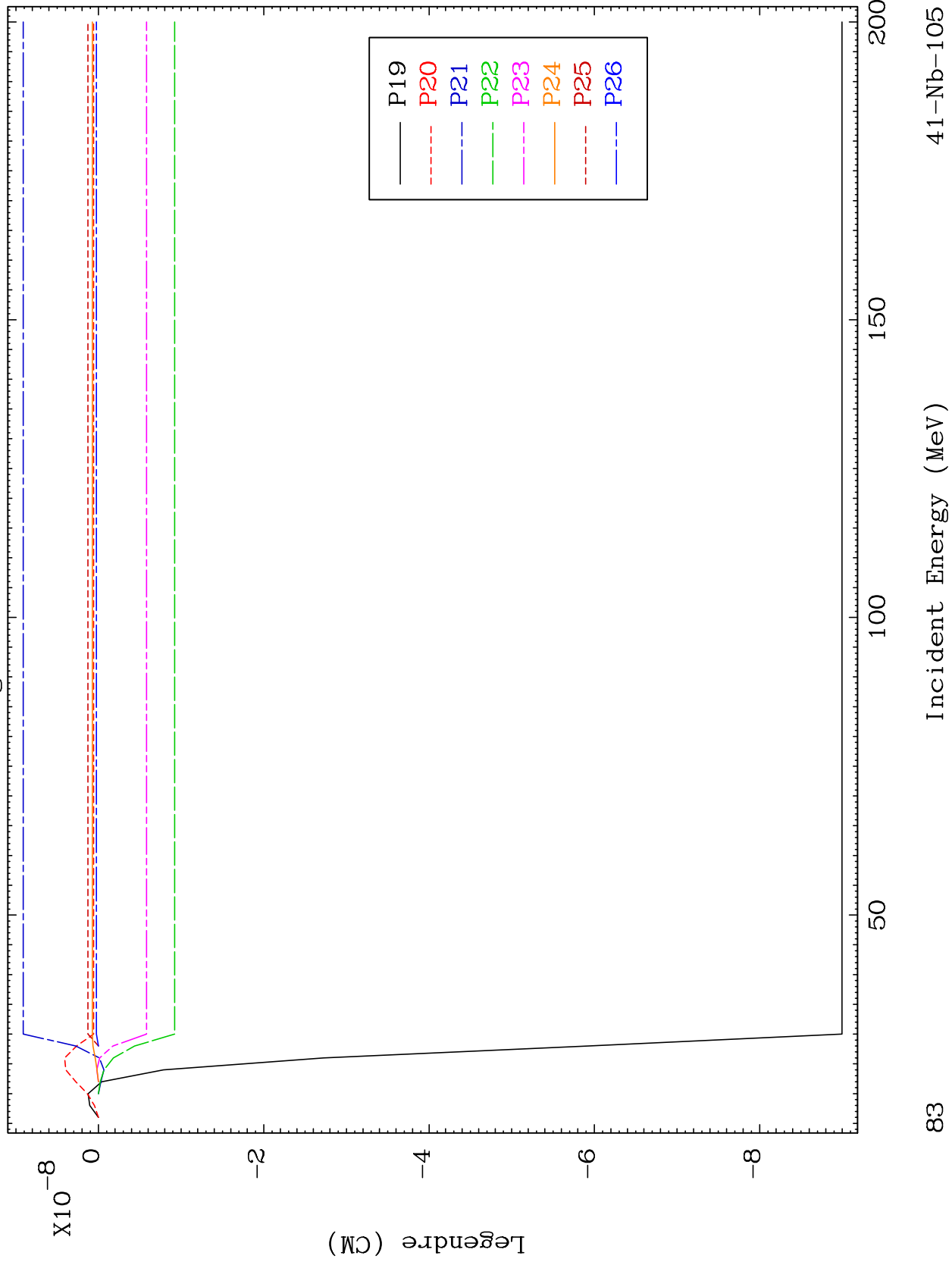
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

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



83

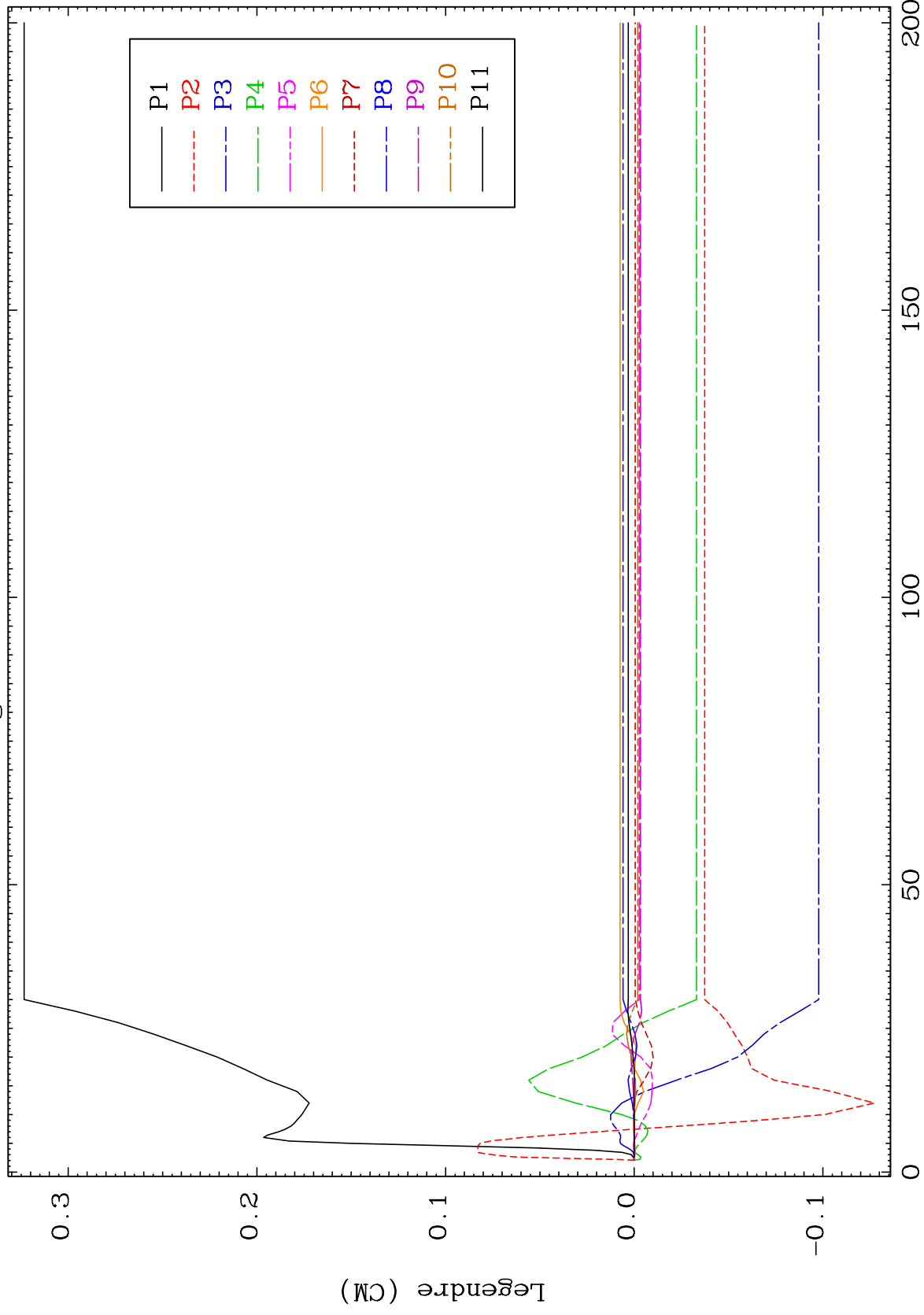
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



84

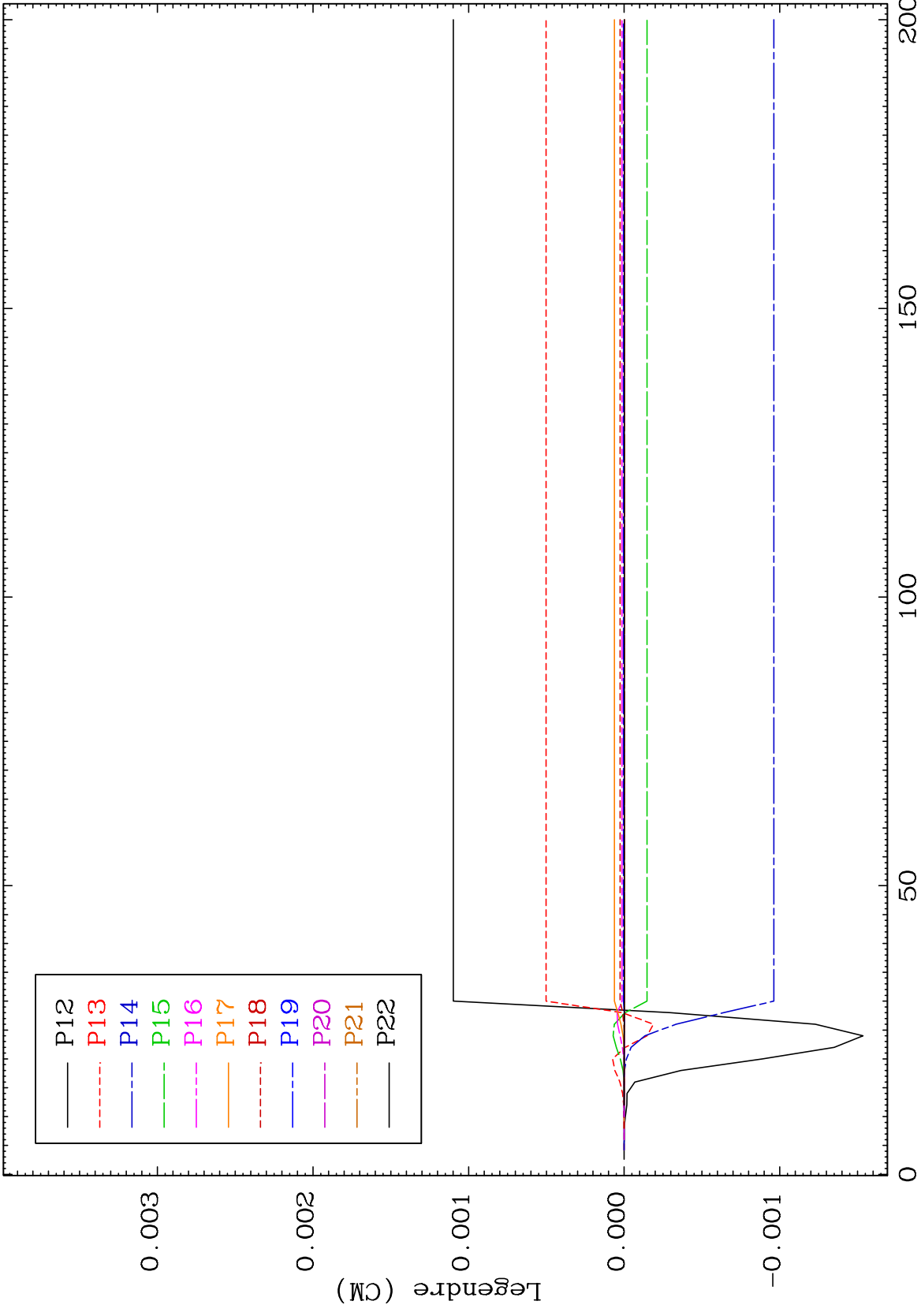
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

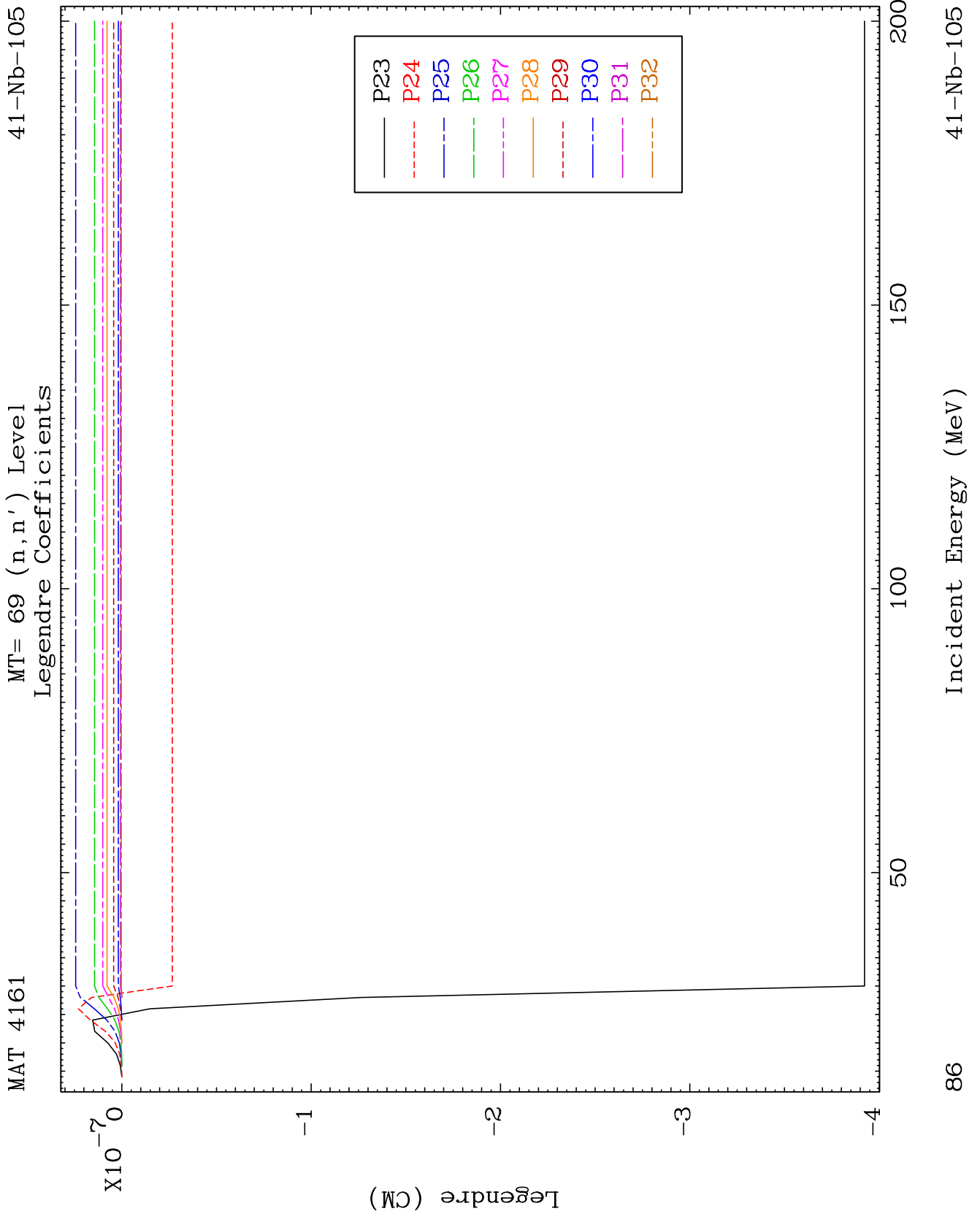
41-Nb-105



85

Incident Energy (MeV)

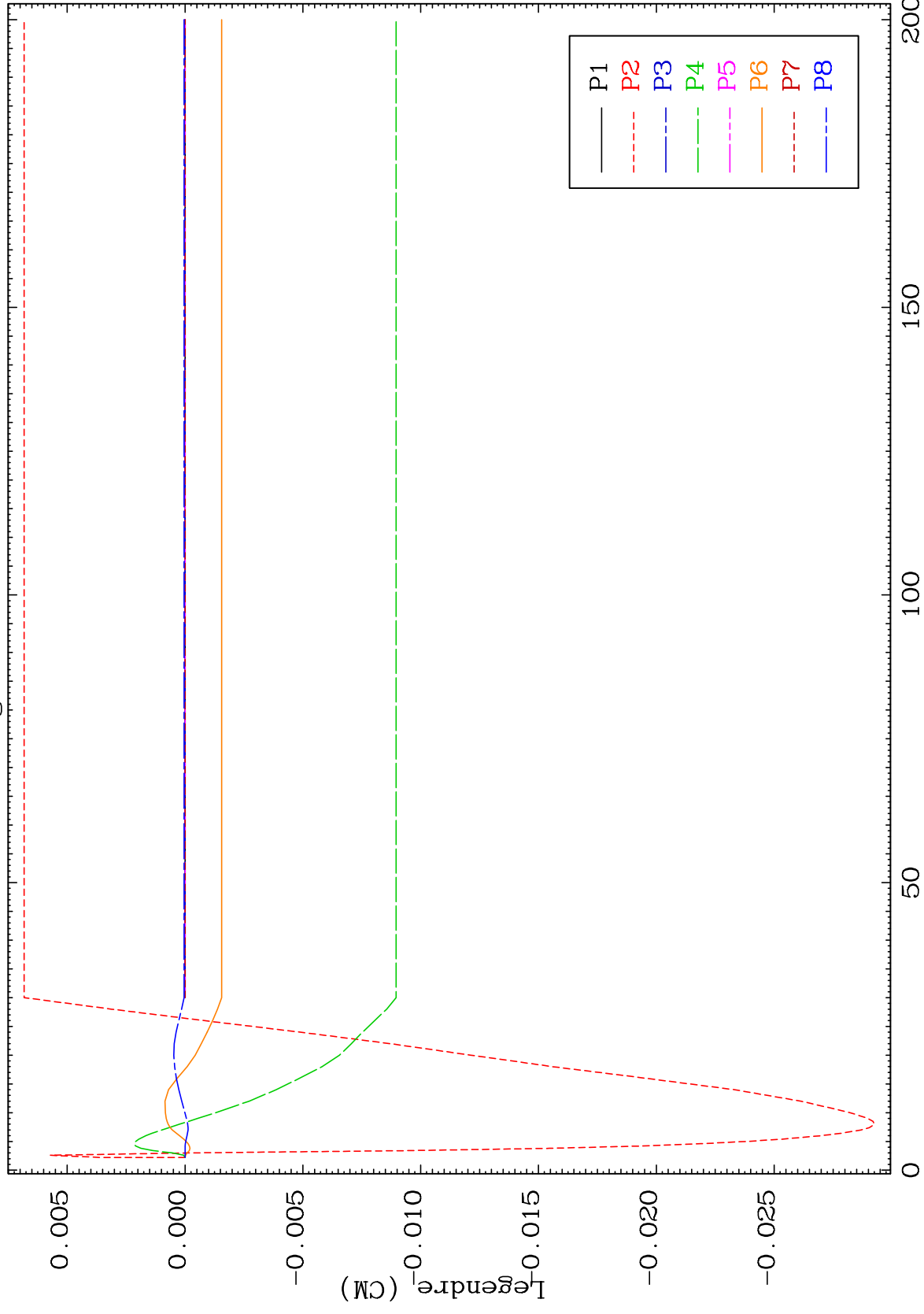
41-Nb-105



MAT 4161

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

41-Nb-105



87

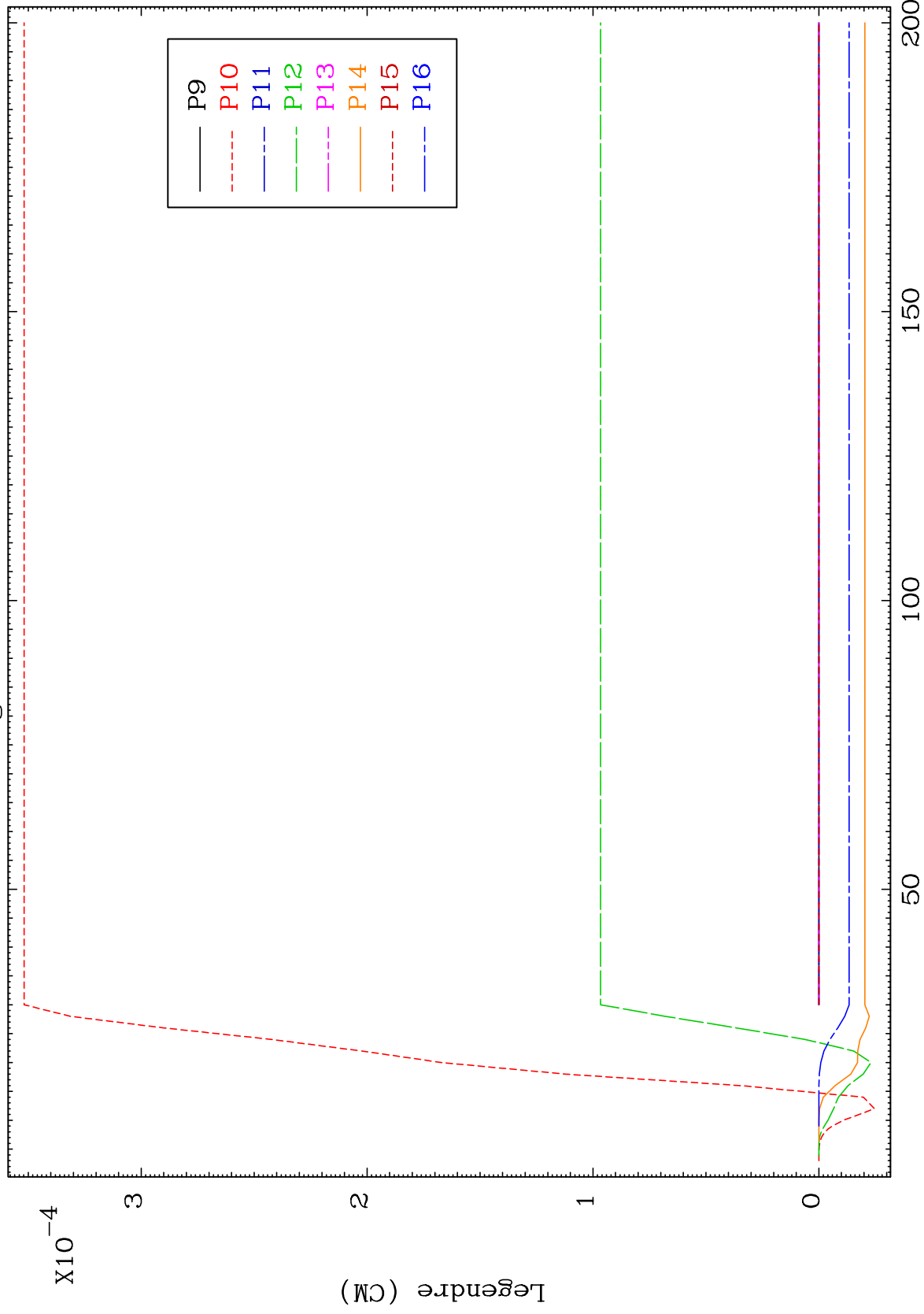
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

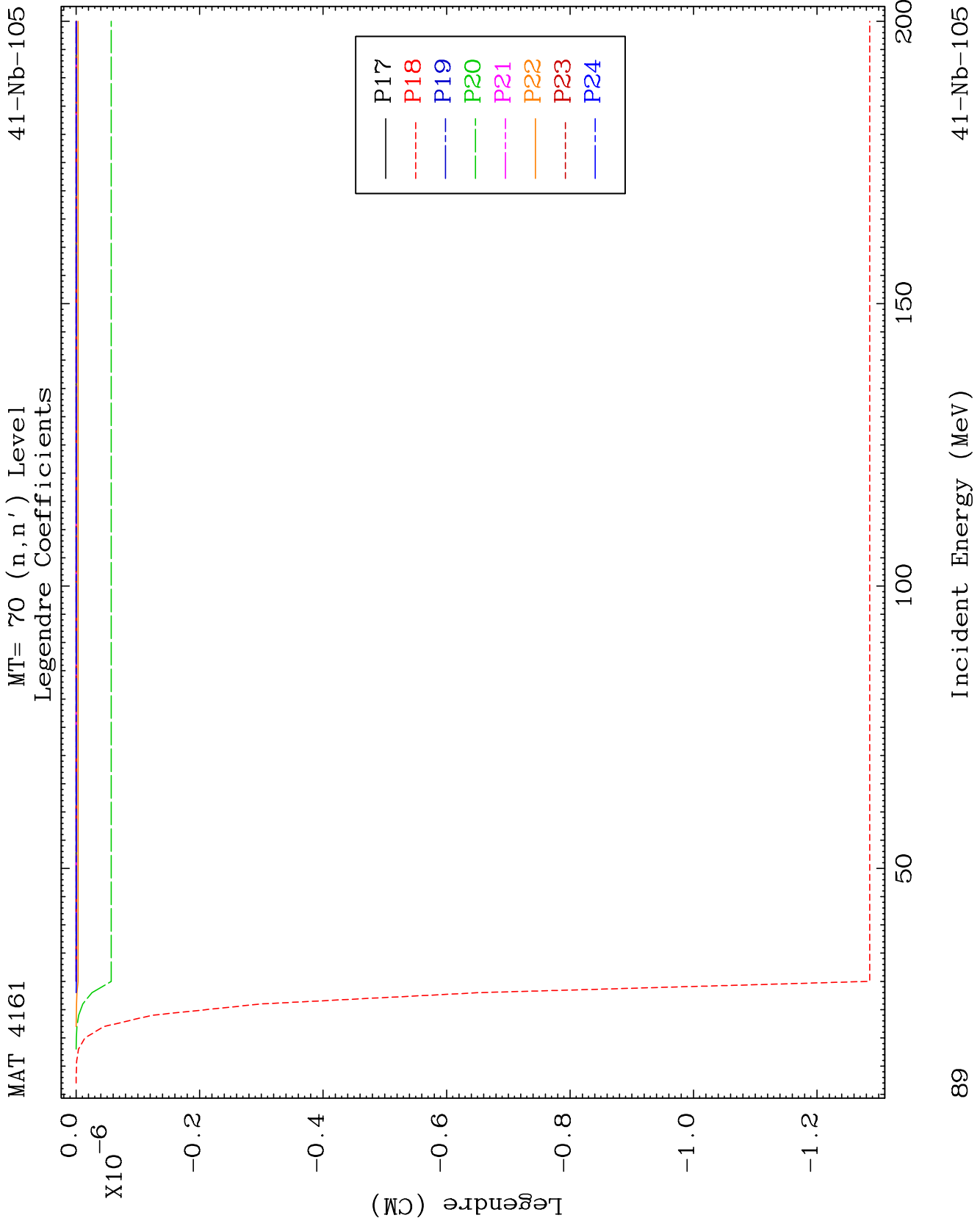
41-Nb-105



88

Incident Energy (MeV)

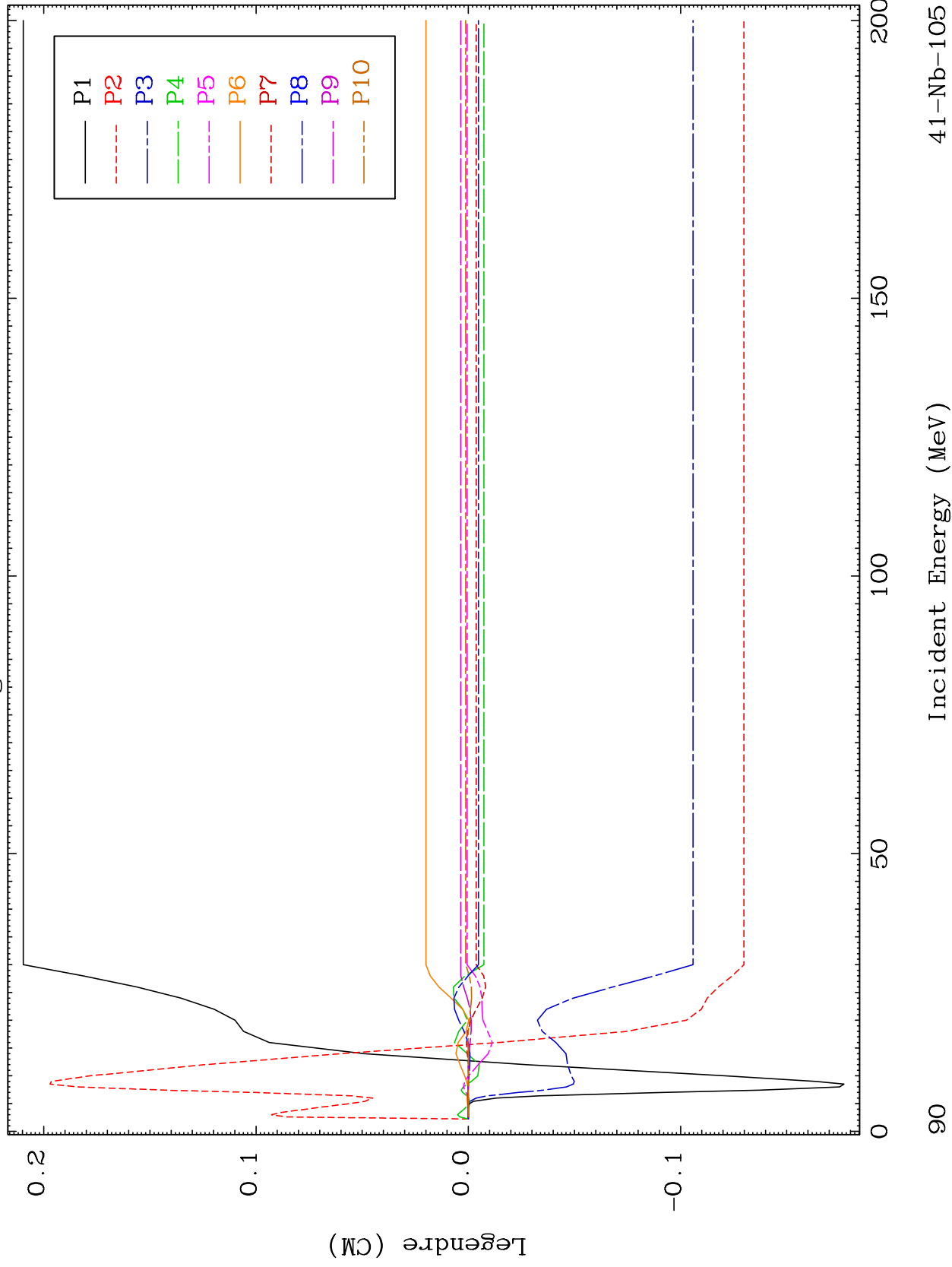
41-Nb-105



MAT 4161

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

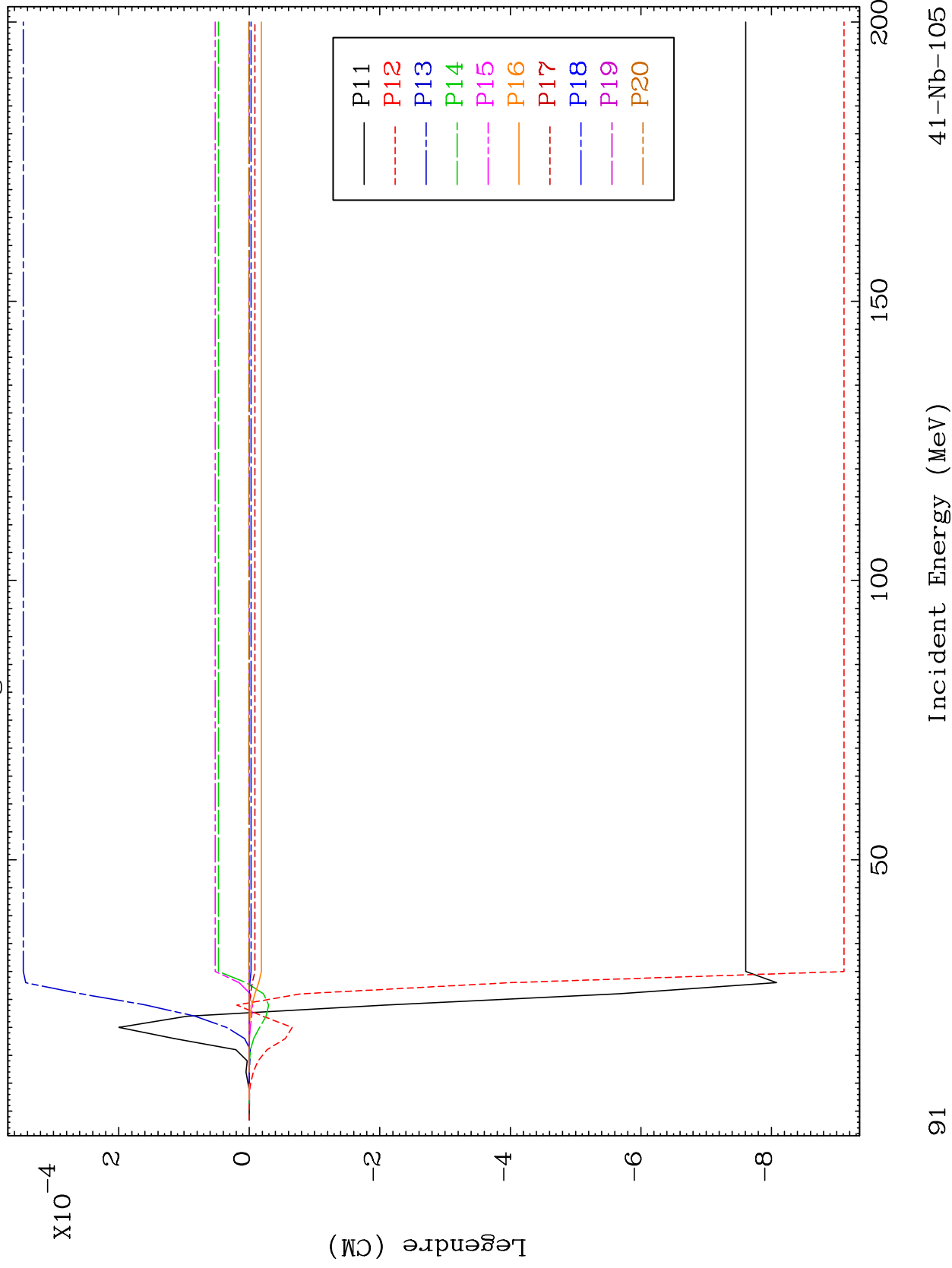
41-Nb-105



MAT 4161

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

41-Nb-105

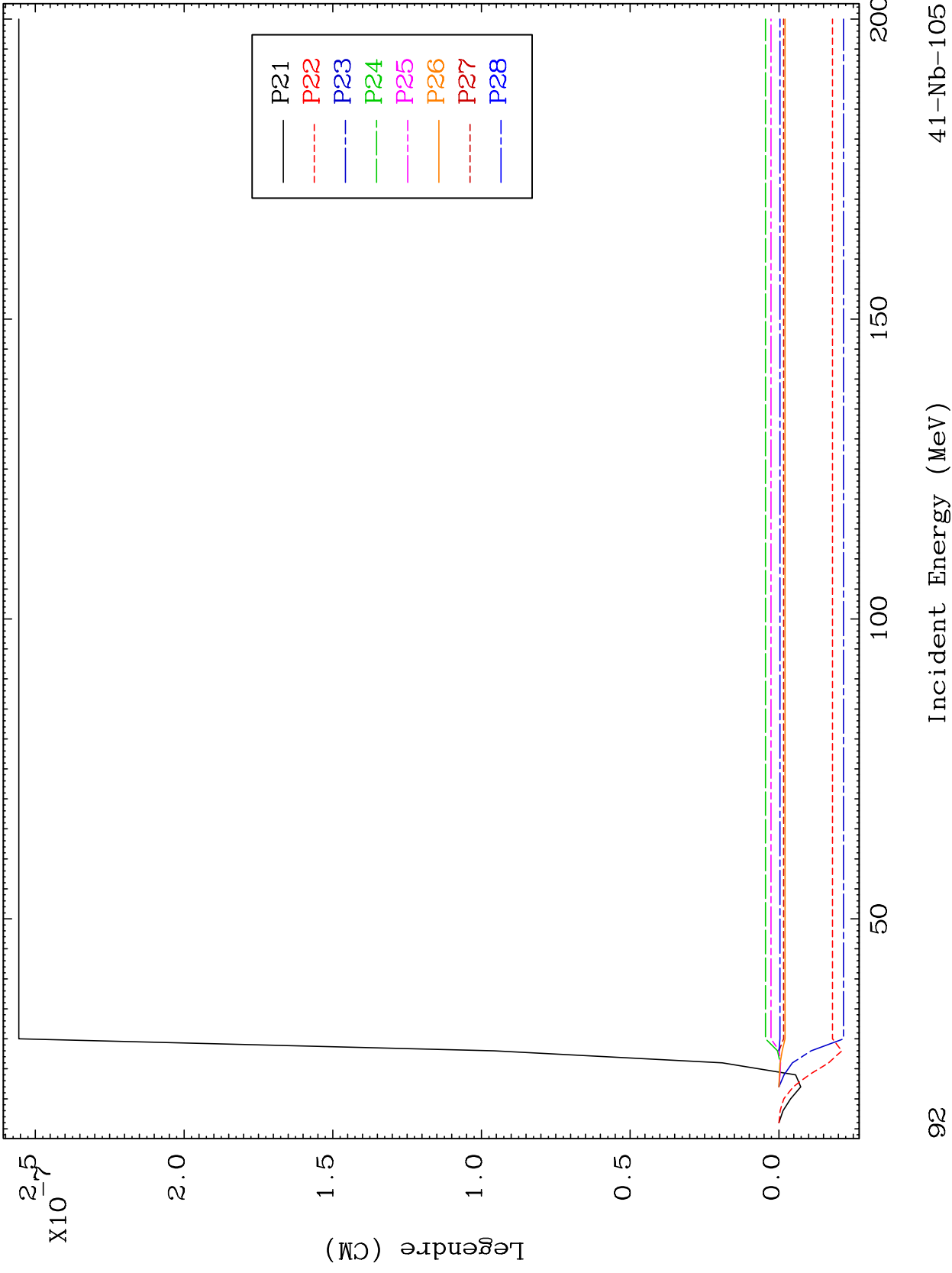


91

MAT 4161

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

41-Nb-105



92

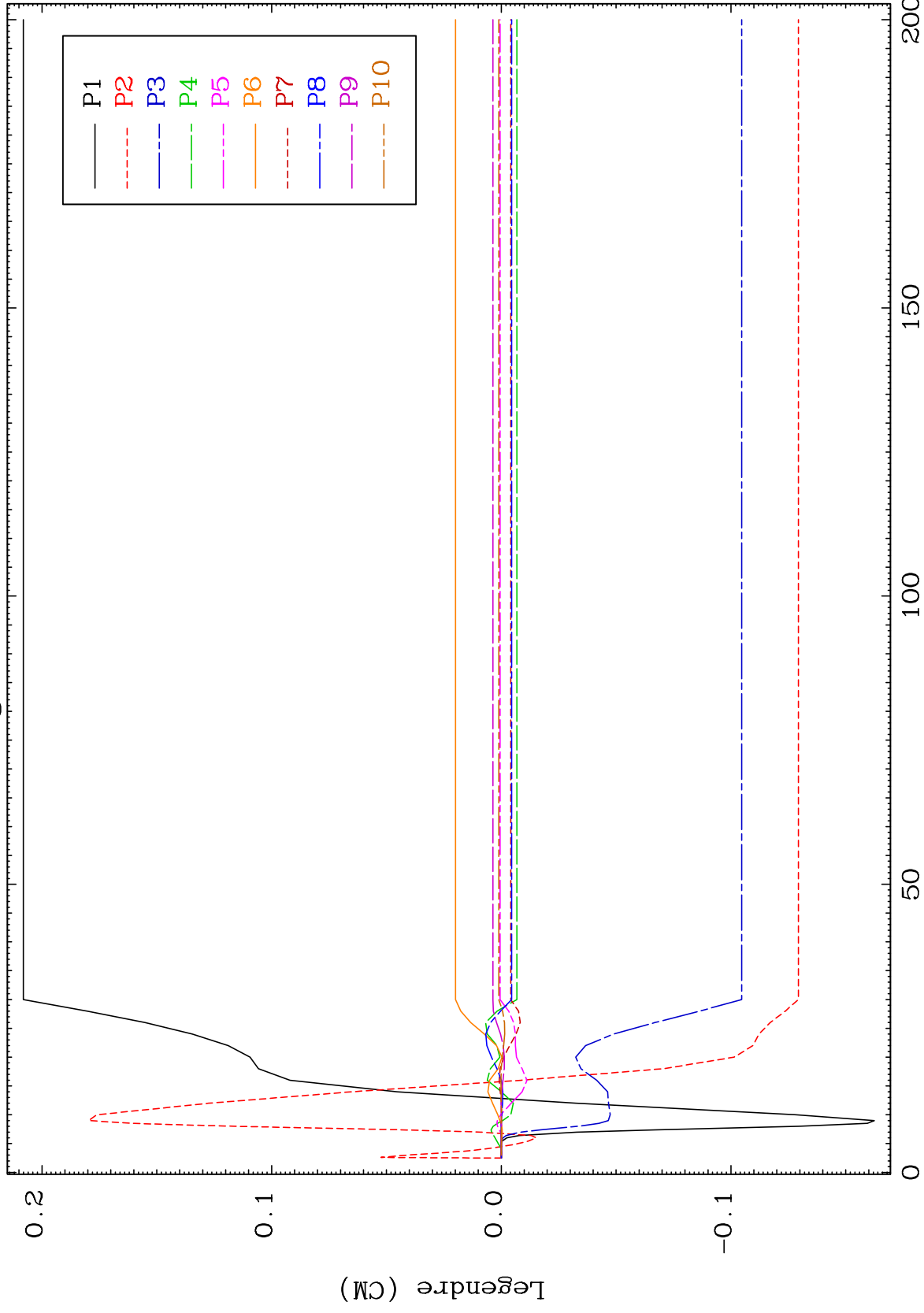
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



93

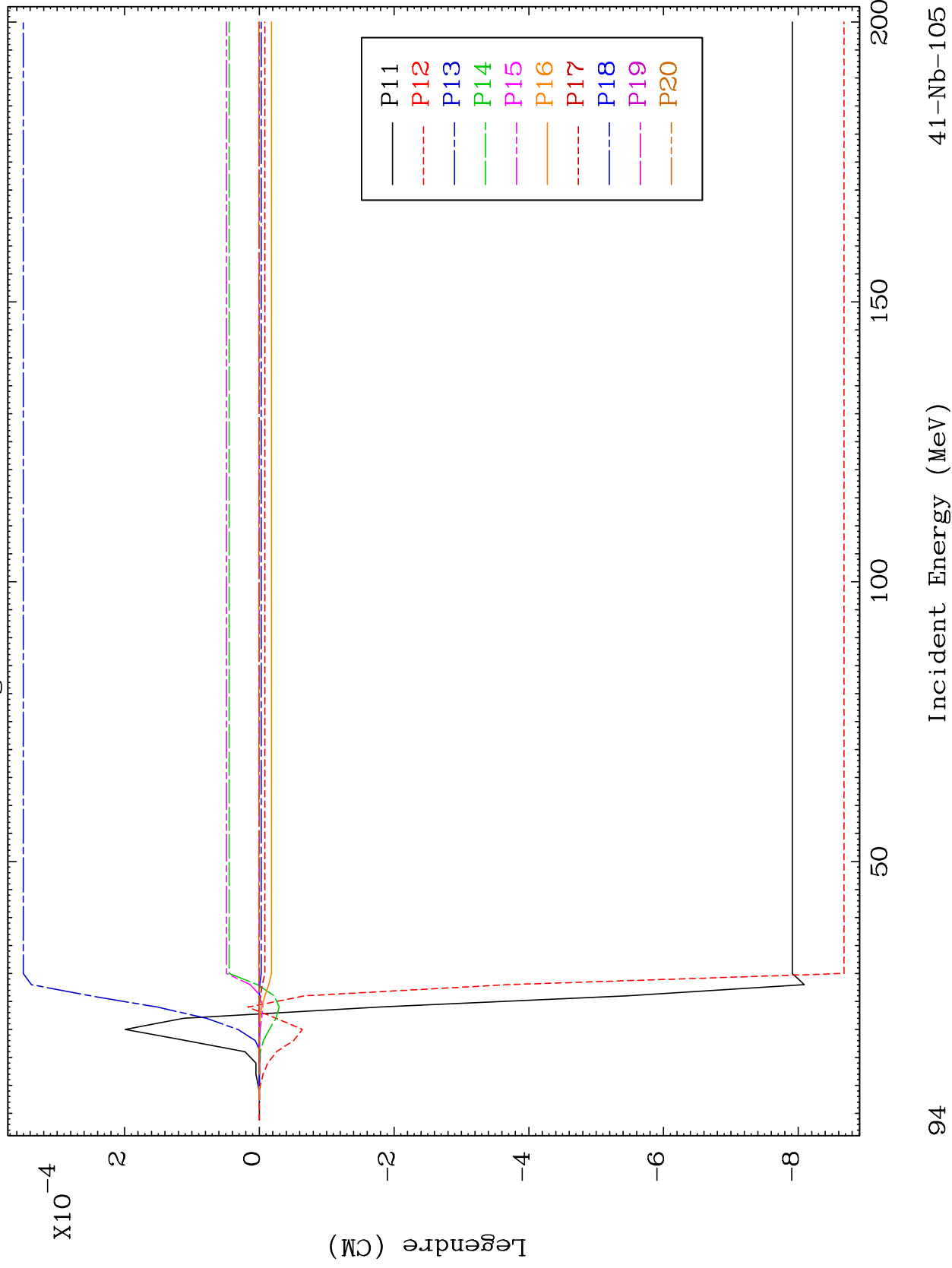
Incident Energy (MeV)

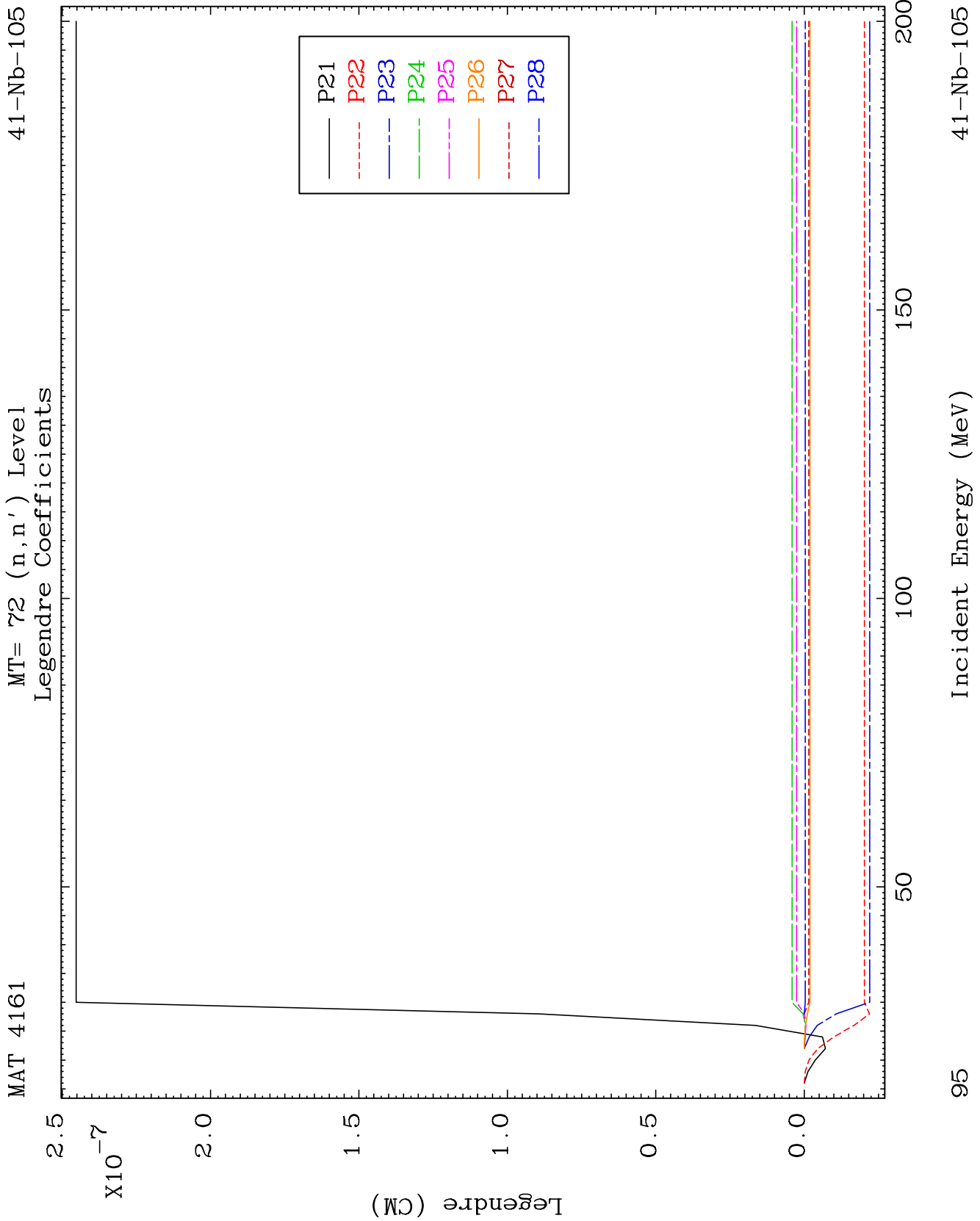
41-Nb-105

MAT 4161

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

41-Nb-105

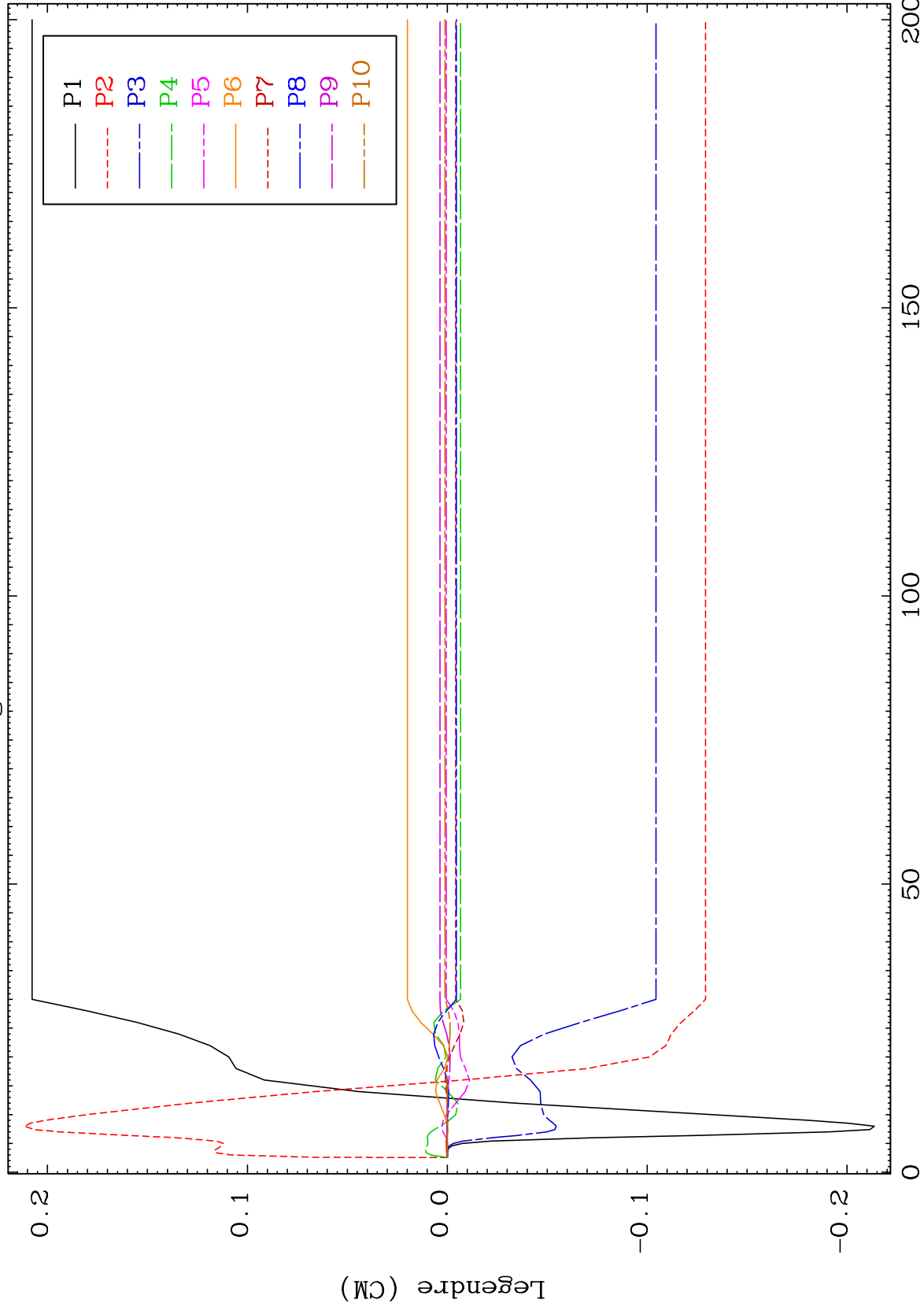




MAT 4161

MT= 73 (n,n') Level  
Legendre Coefficients

41-Nb-105



96

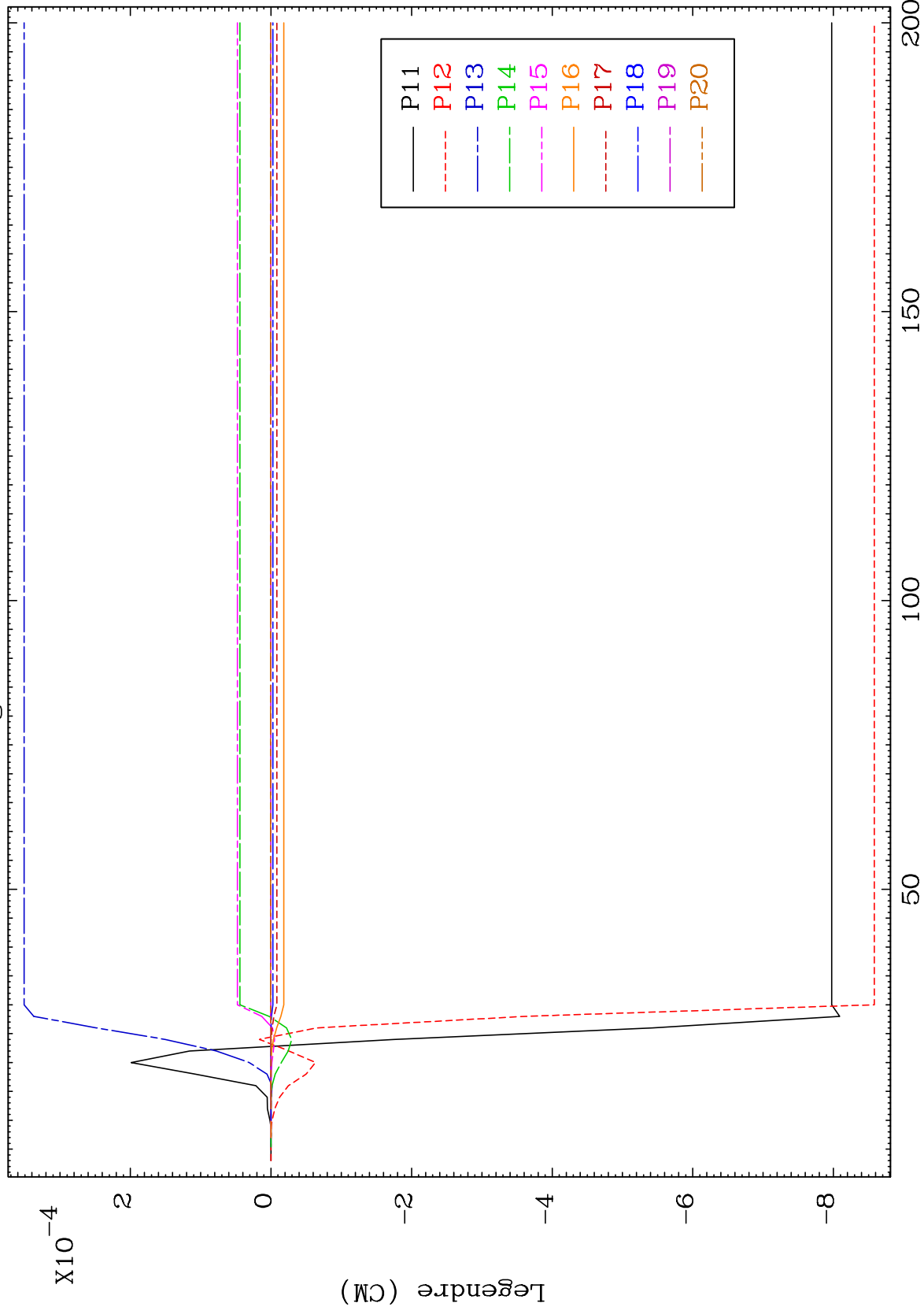
Incident Energy (MeV)

41-Nb-105

MAT 4161

MT= 73 (n,n') Level  
Legendre Coefficients

41-Nb-105



97

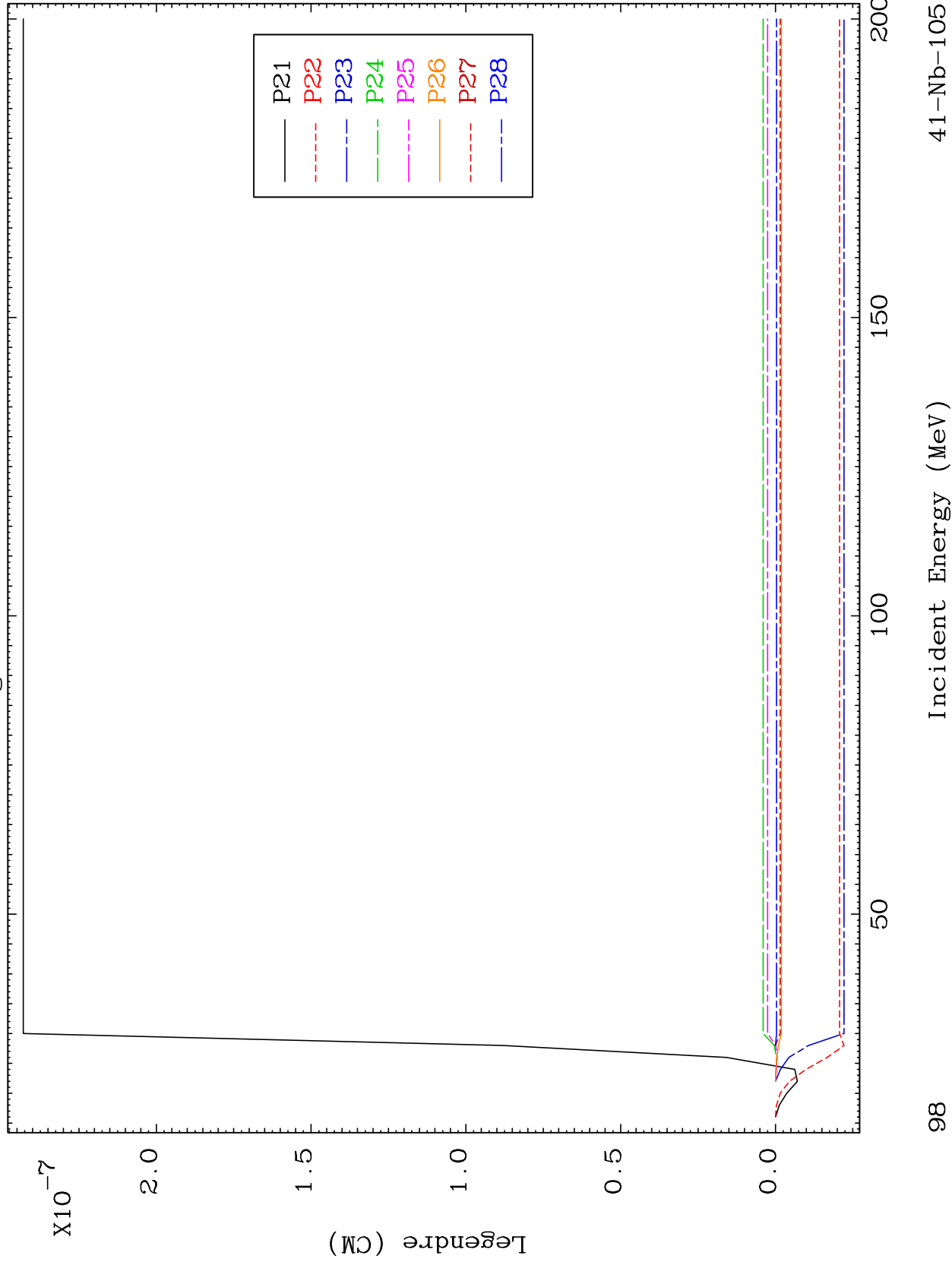
Incident Energy (MeV)

41-Nb-105

MAT 4161

MT= 73 (n,n') Level  
Legendre Coefficients

41-Nb-105



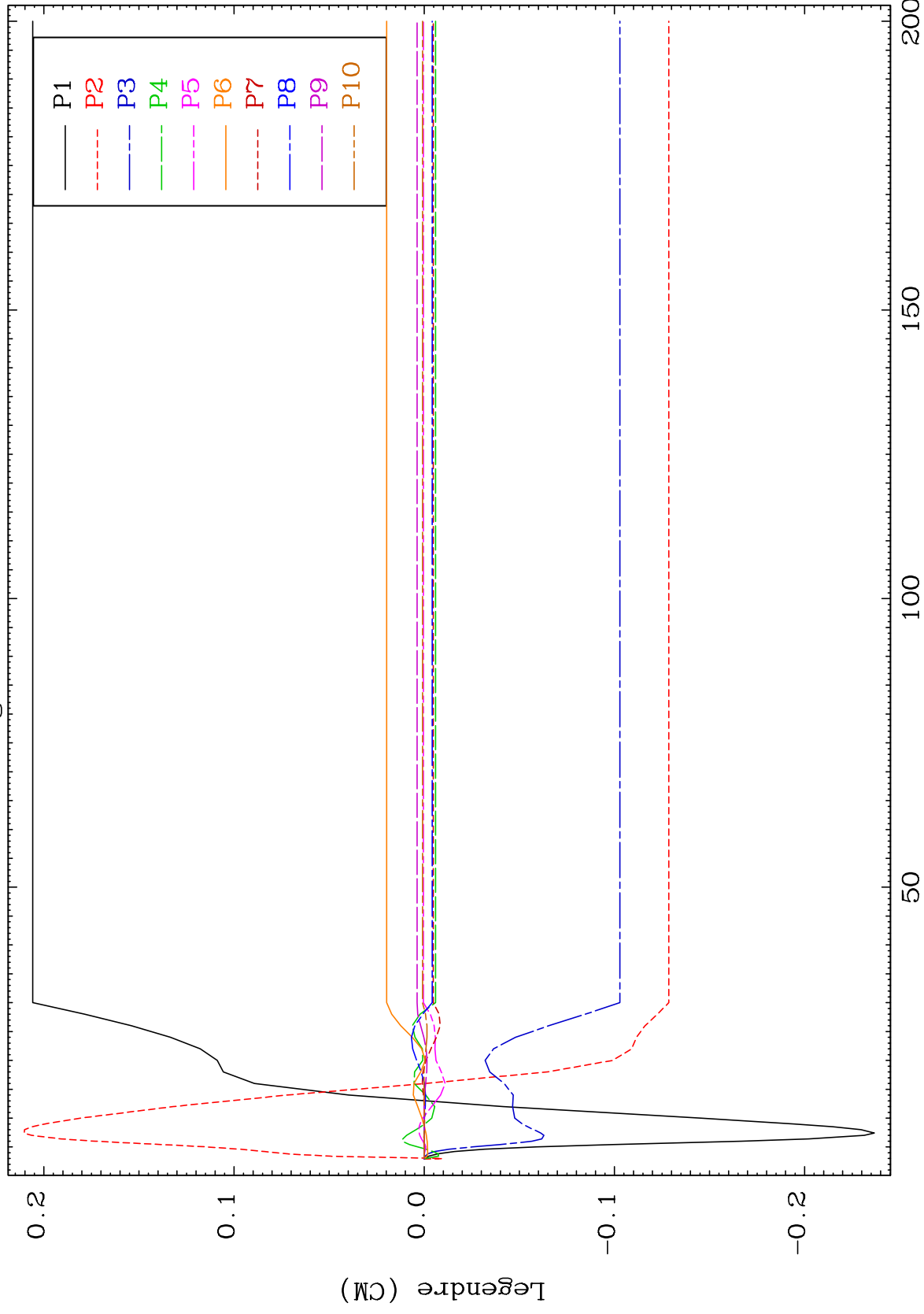
98

41-Nb-105

MAT 4161

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

41-Nb-105



99

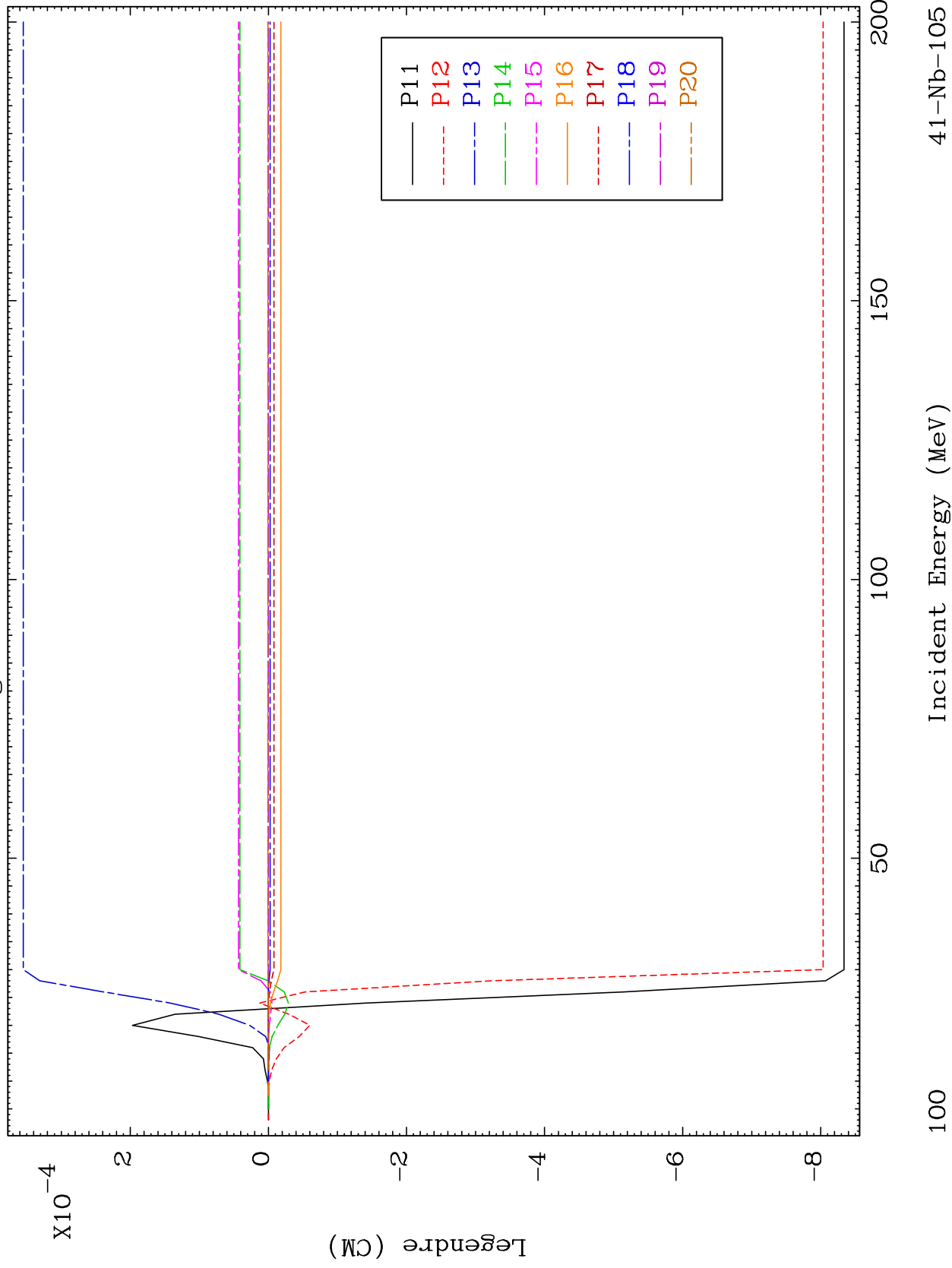
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



100

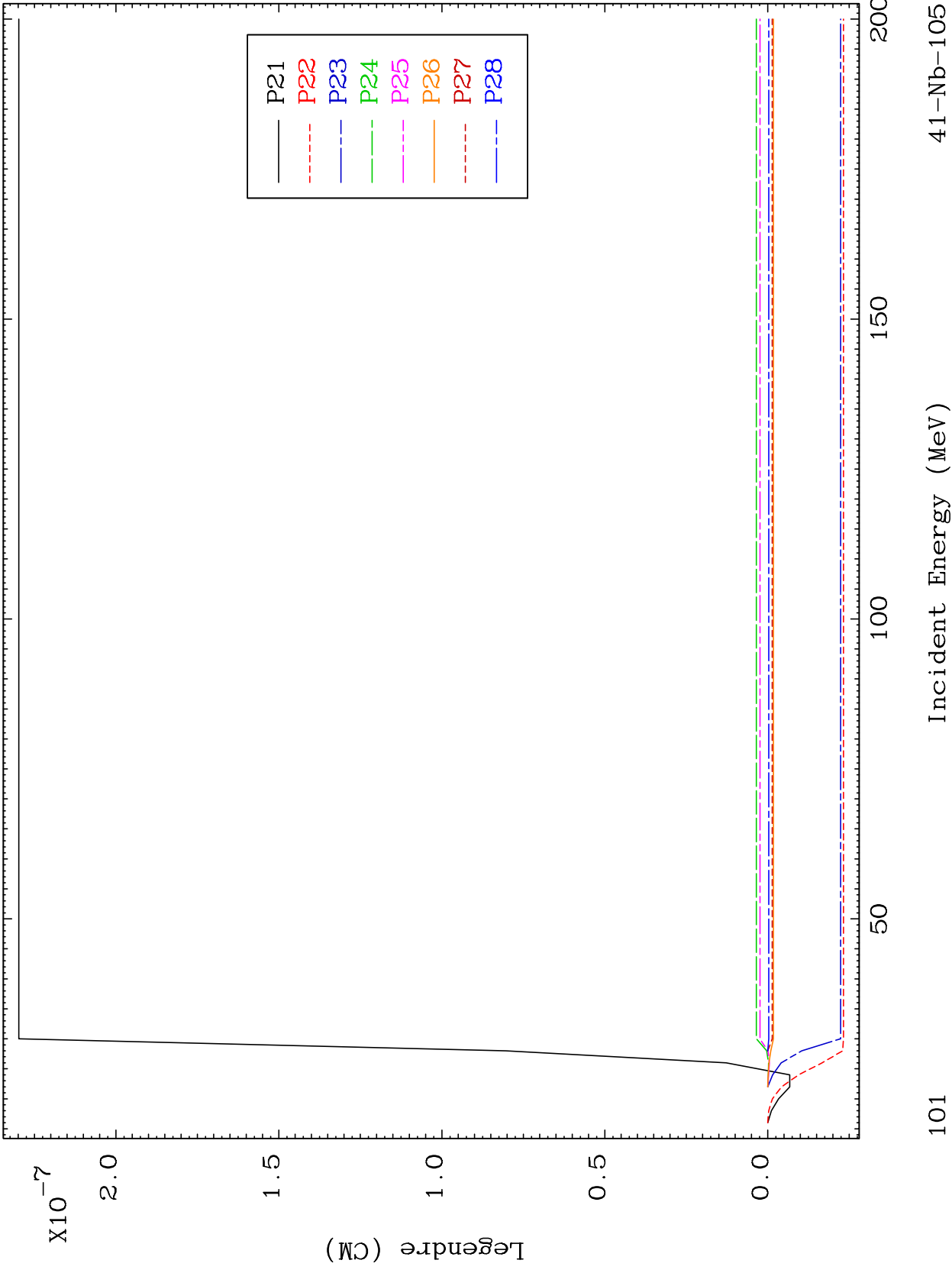
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

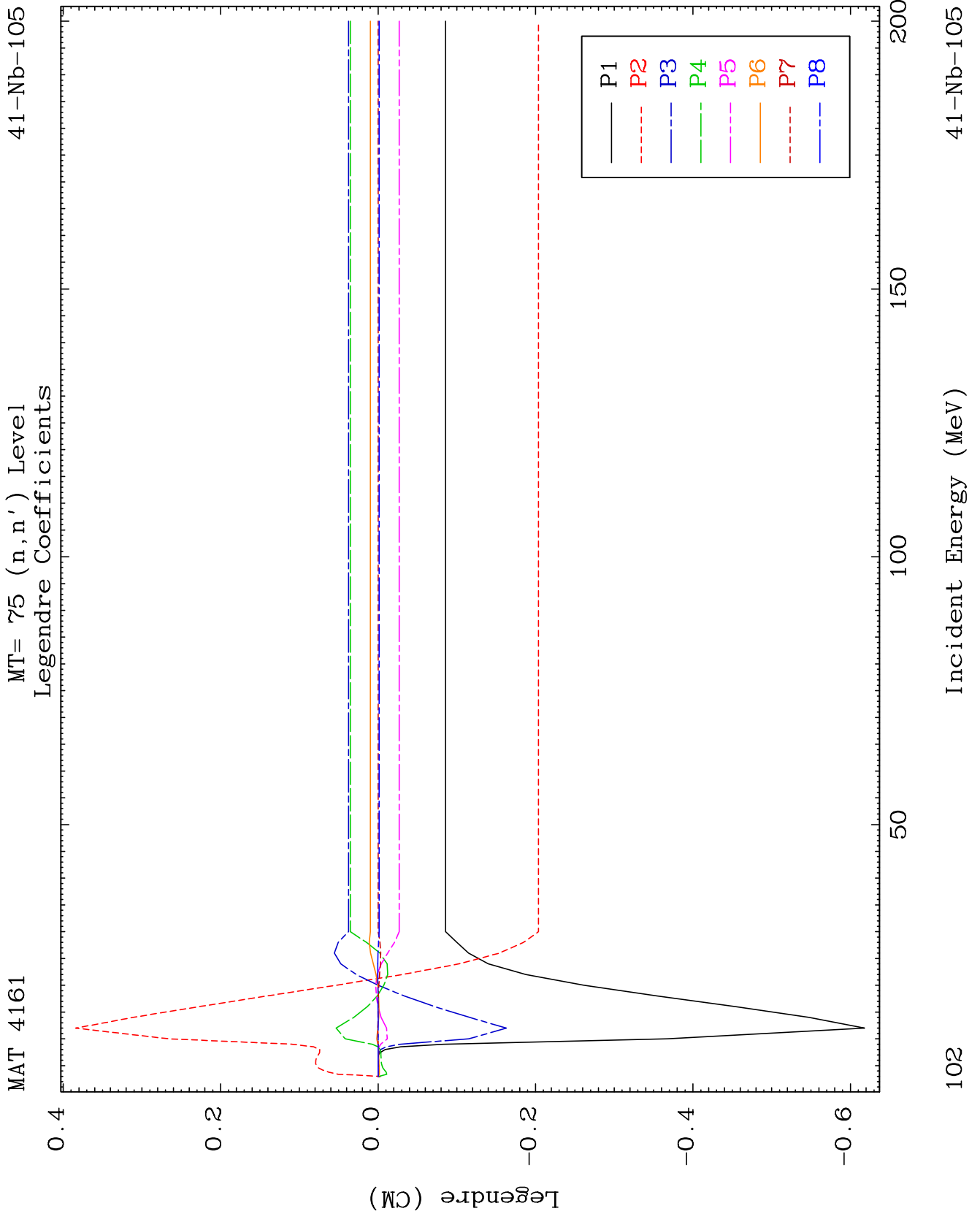
41-Nb-105



101

Incident Energy (MeV)

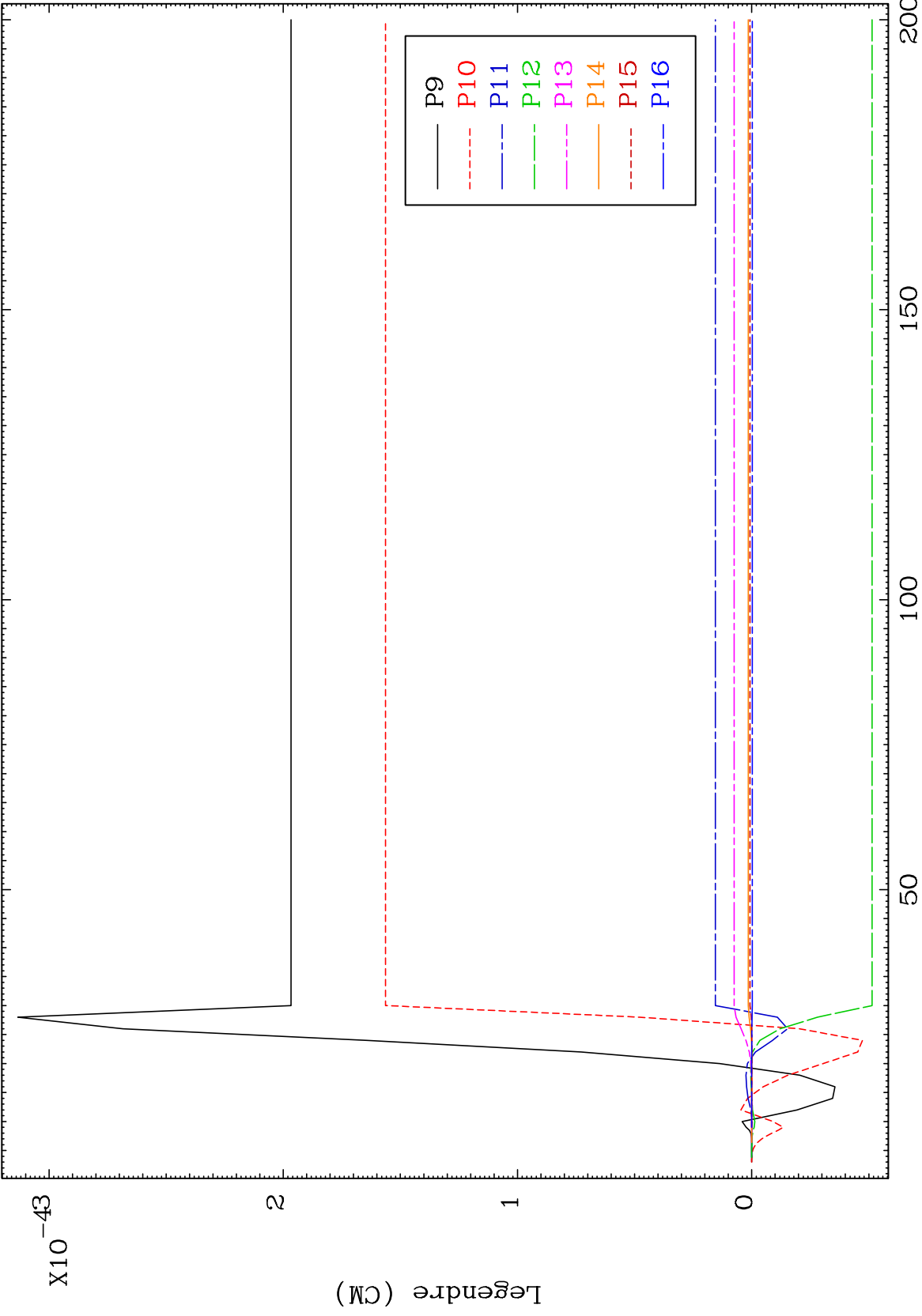
41-Nb-105



MAT 4161

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

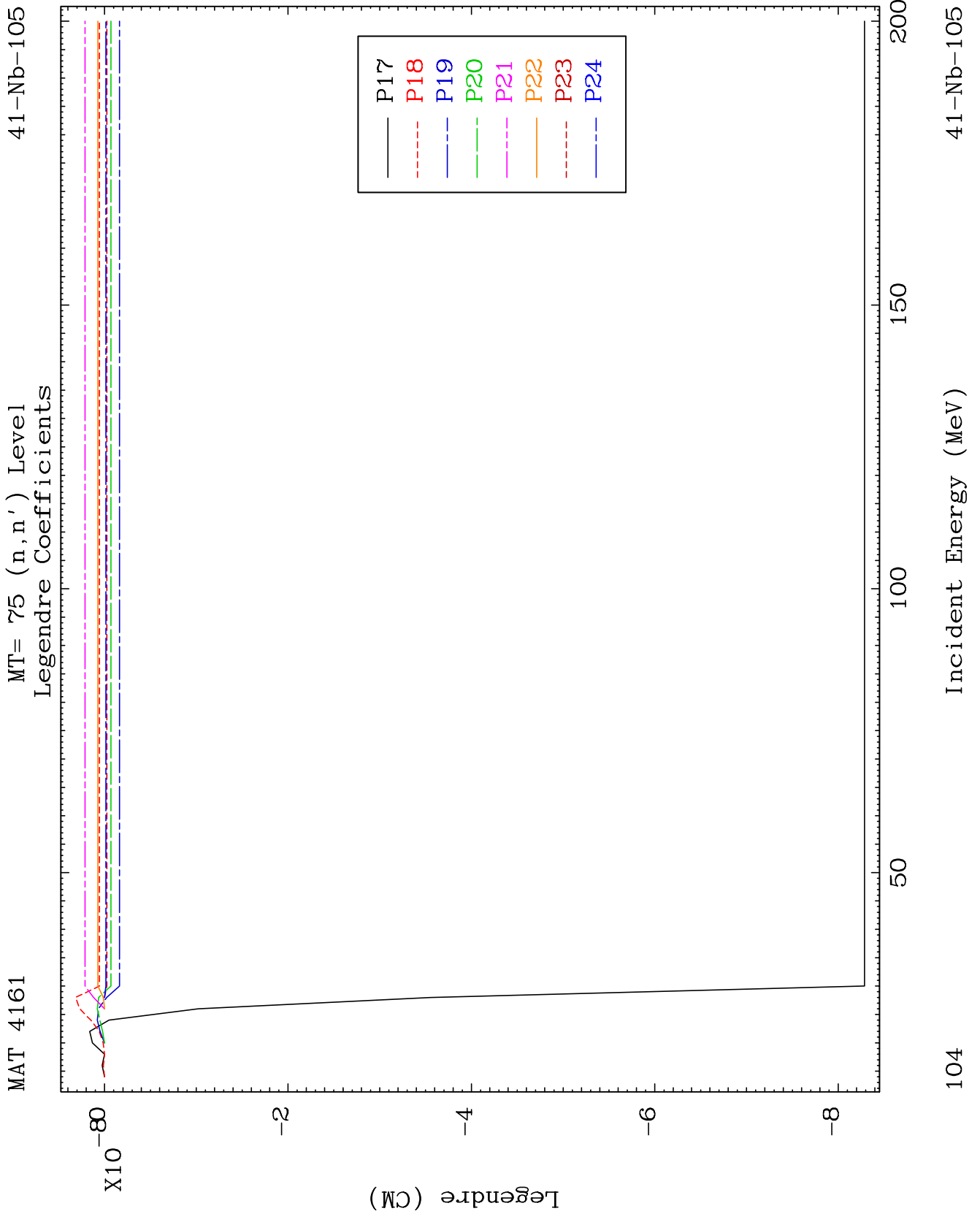
41-Nb-105



103

Incident Energy (MeV)

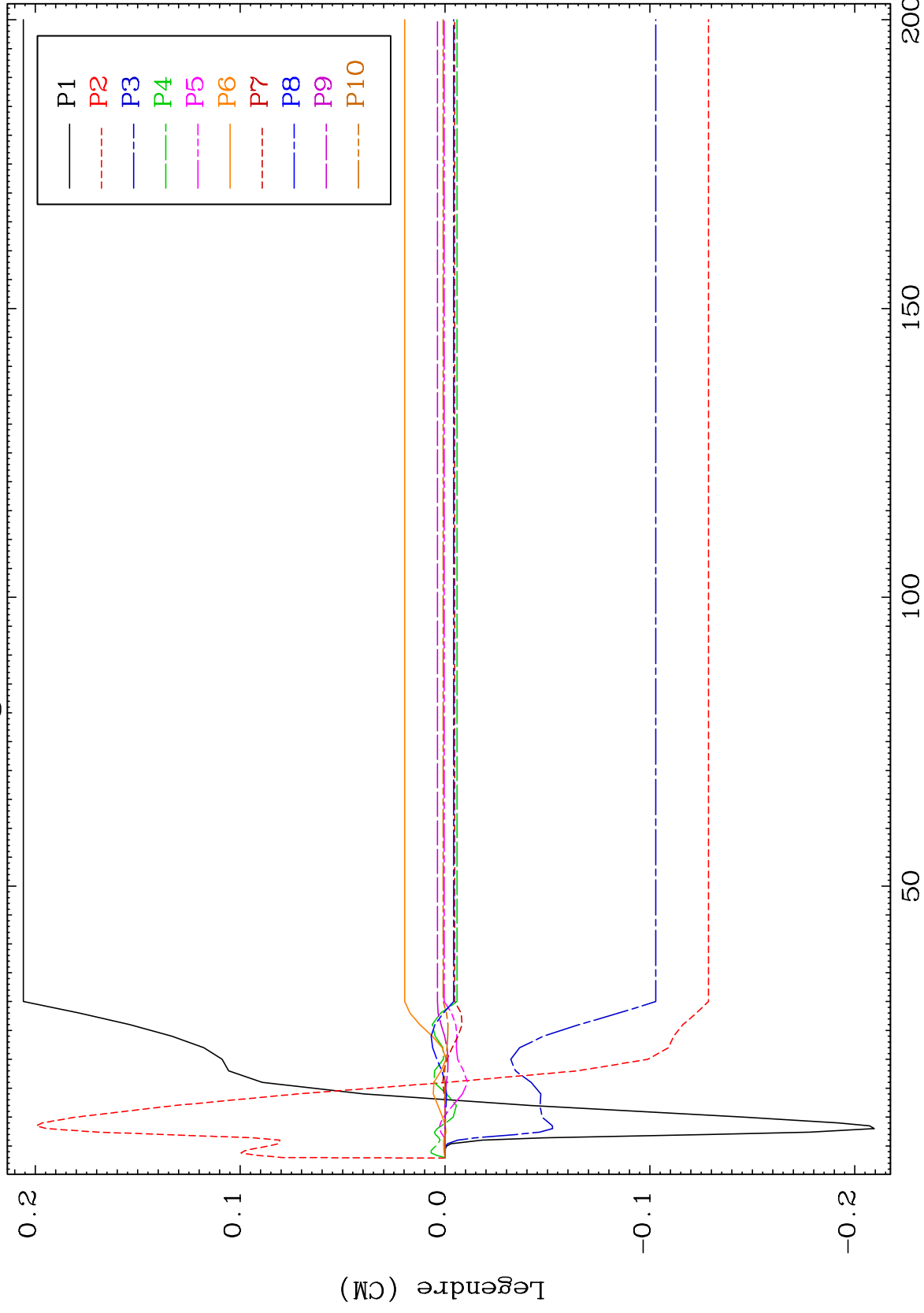
41-Nb-105



MAT 4161

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

41-Nb-105



105

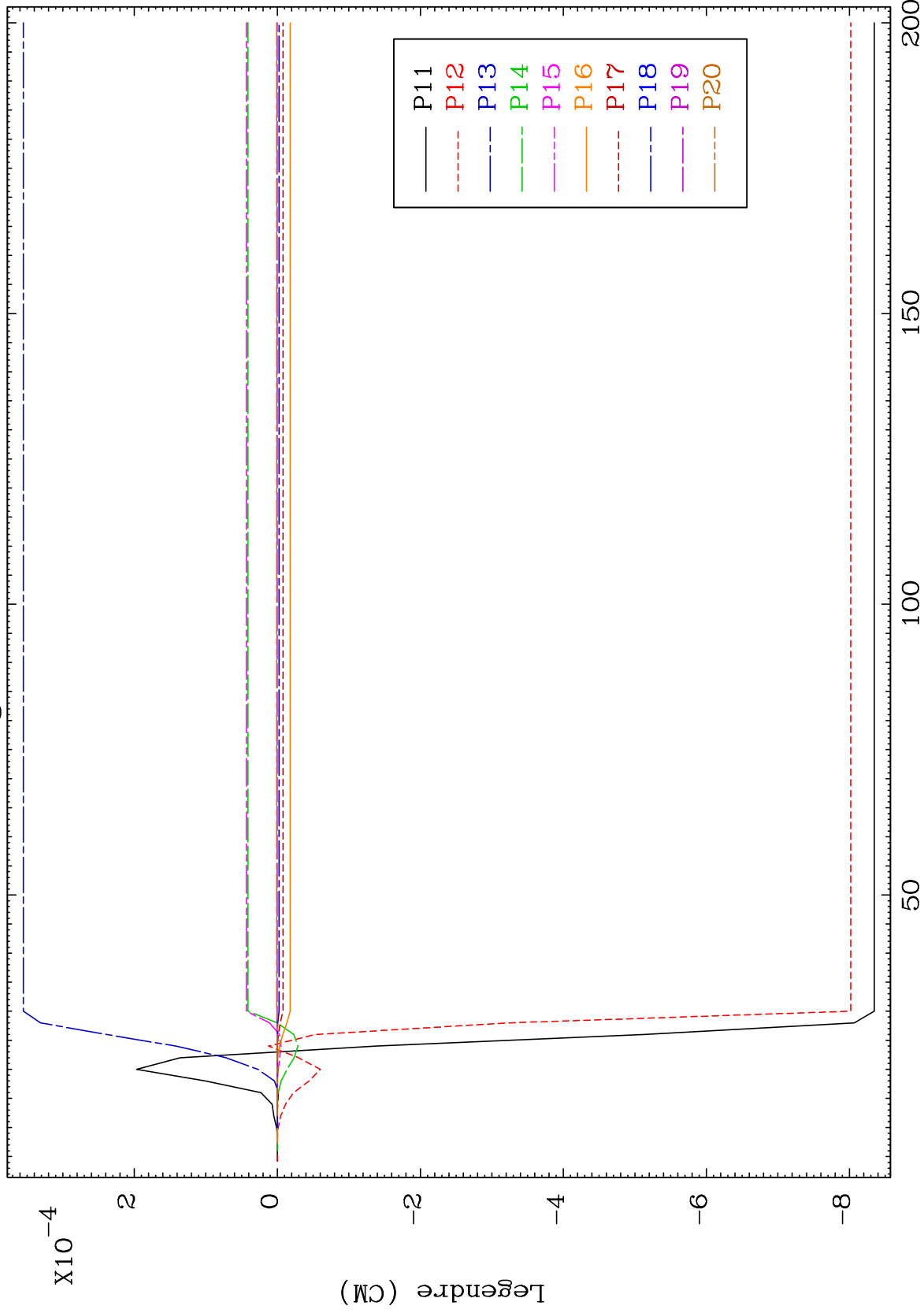
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



106

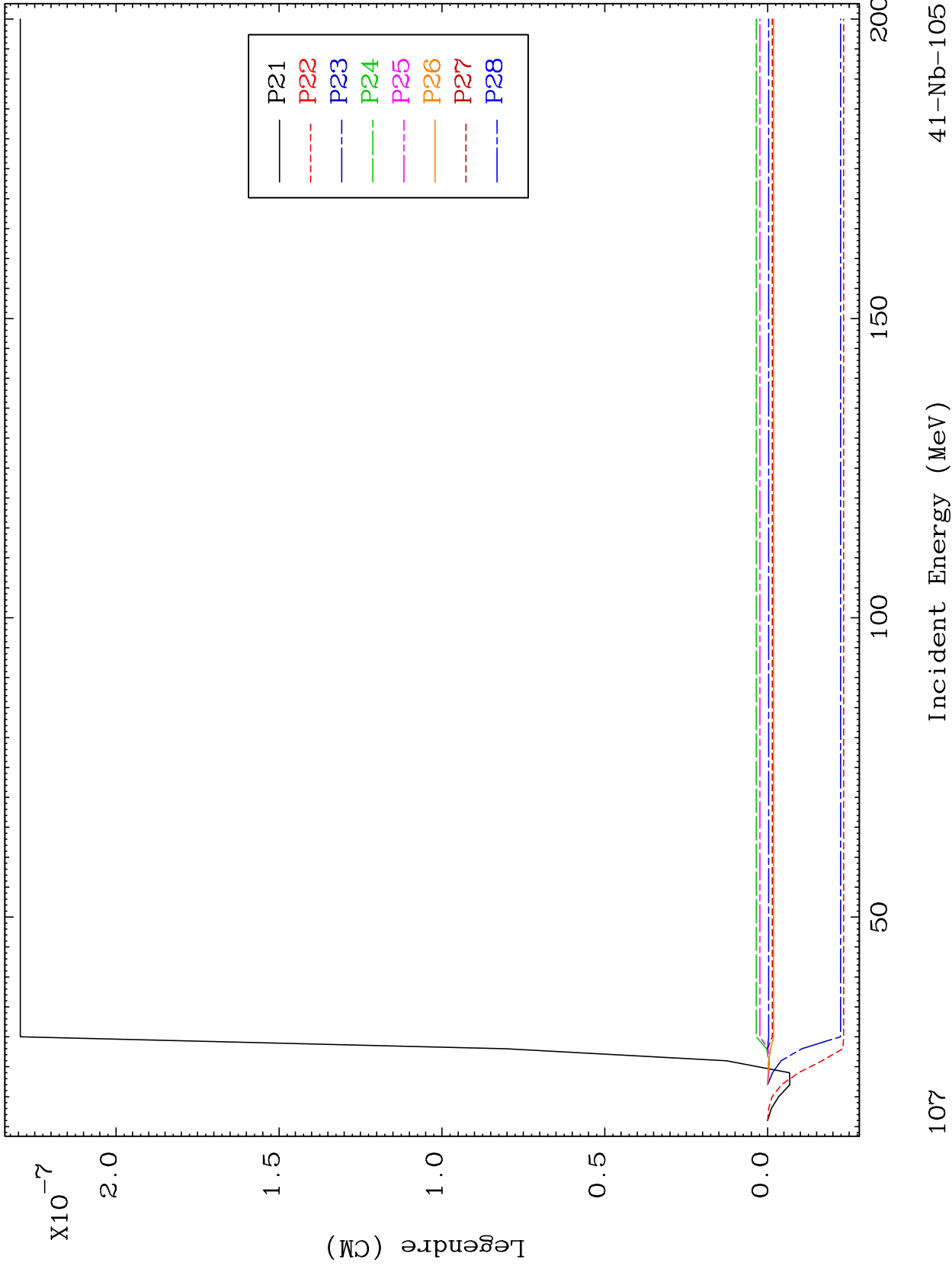
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

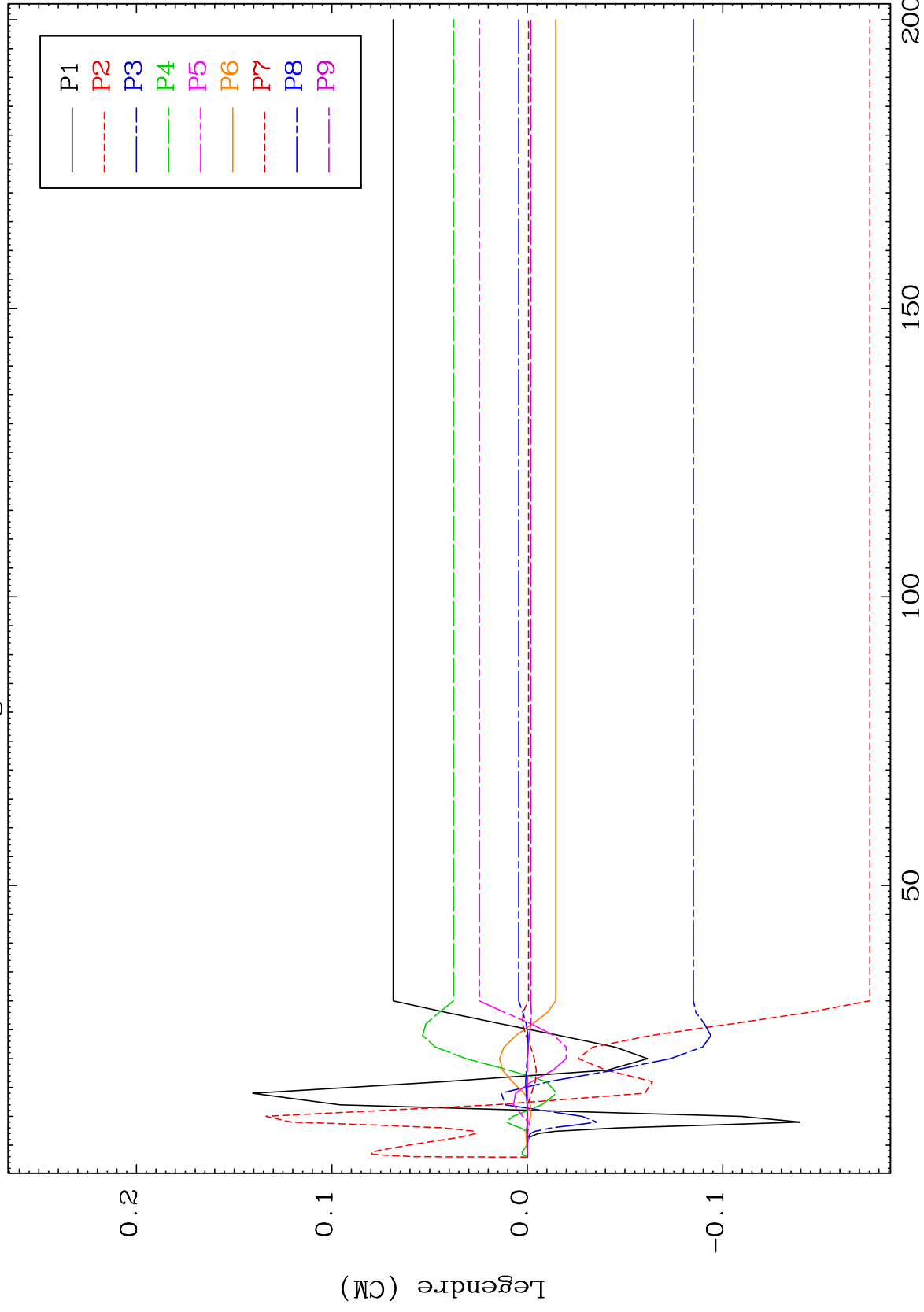
41-Nb-105



MAT 4161

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

41-Nb-105



108

Incident Energy (MeV)

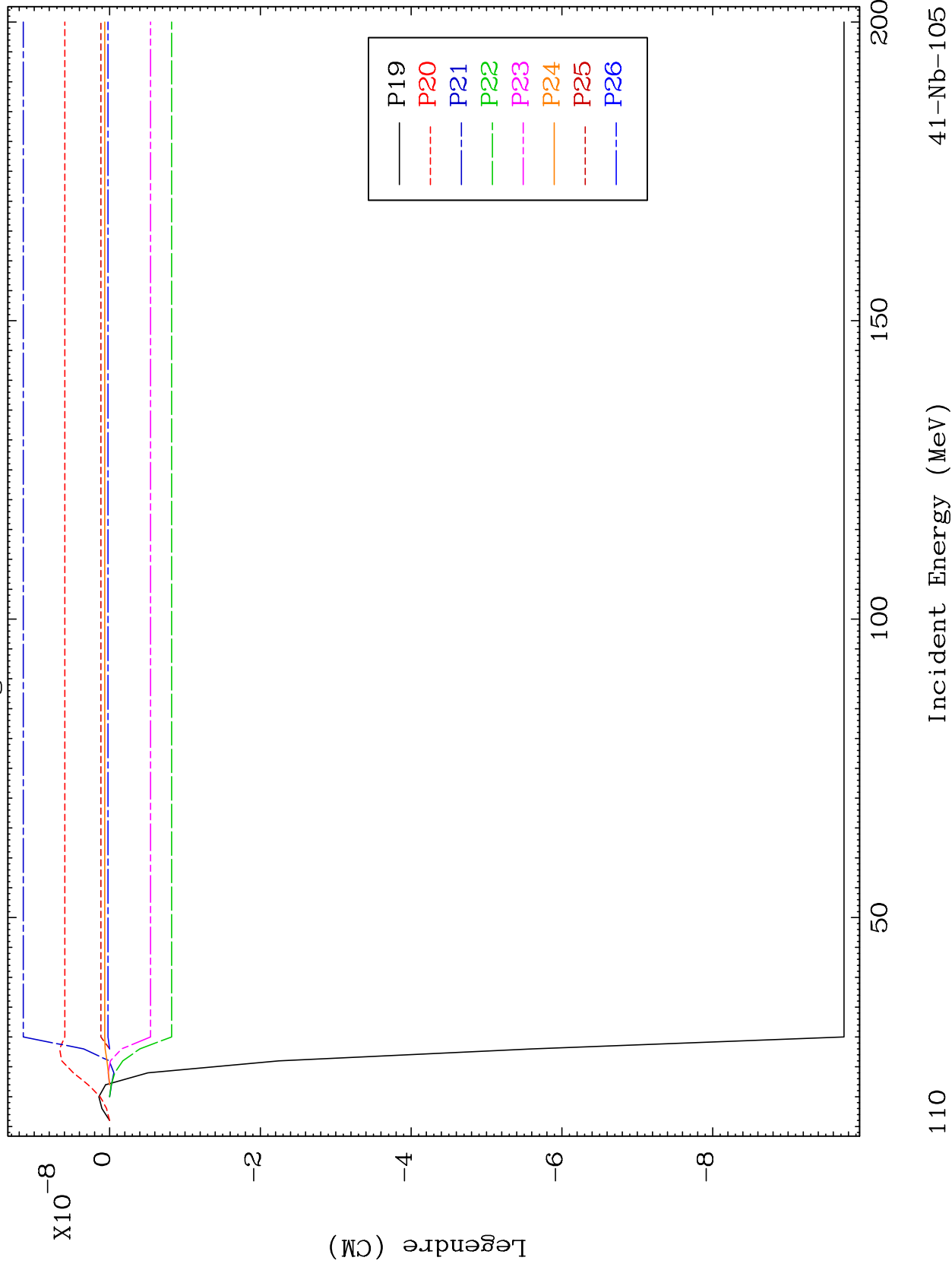
41-Nb-105



MAT 4161

41-Nb-105

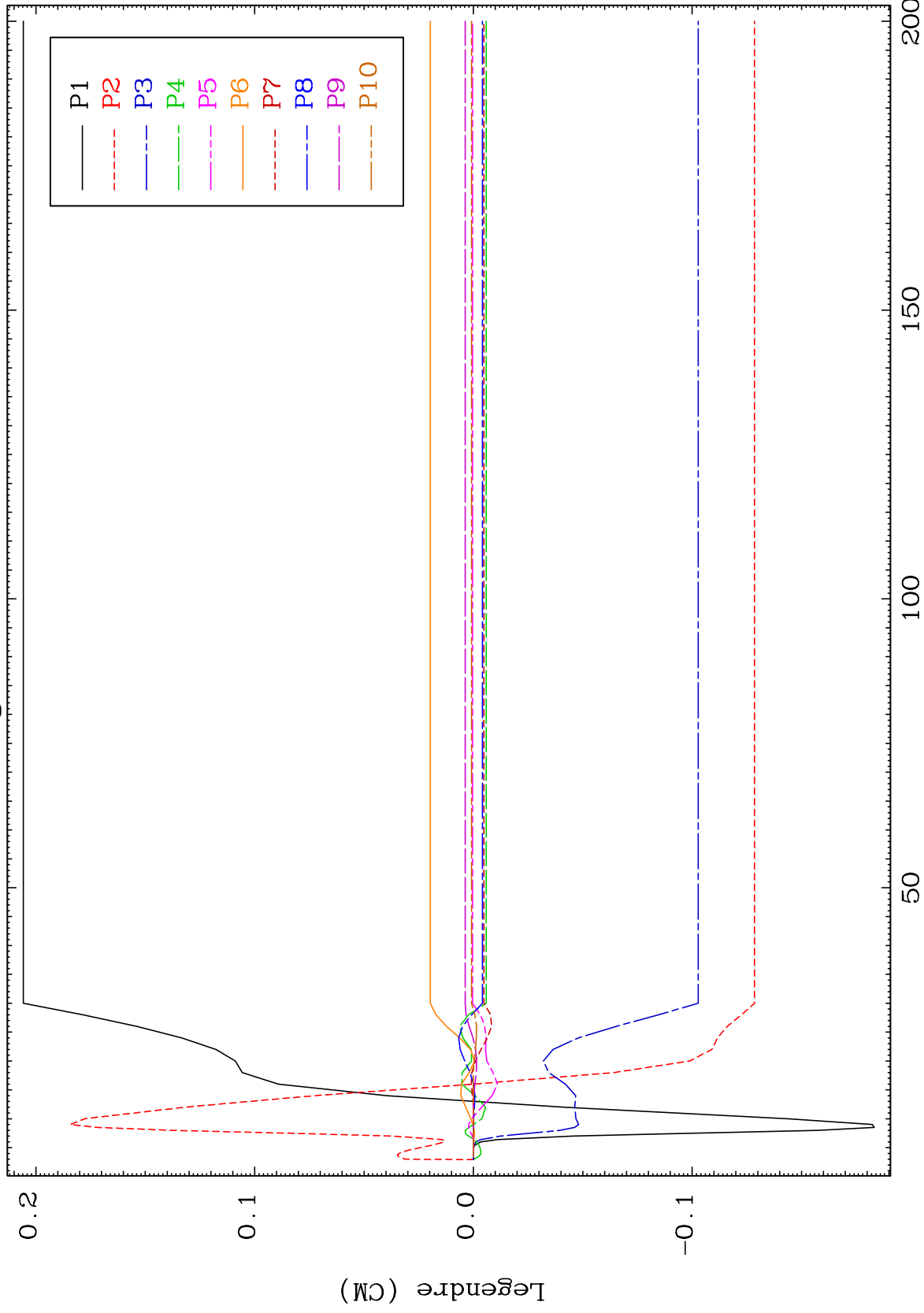
MT= 77 (n,n') Level  
Legendre Coefficients



MAT 4161

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

41-Nb-105



111

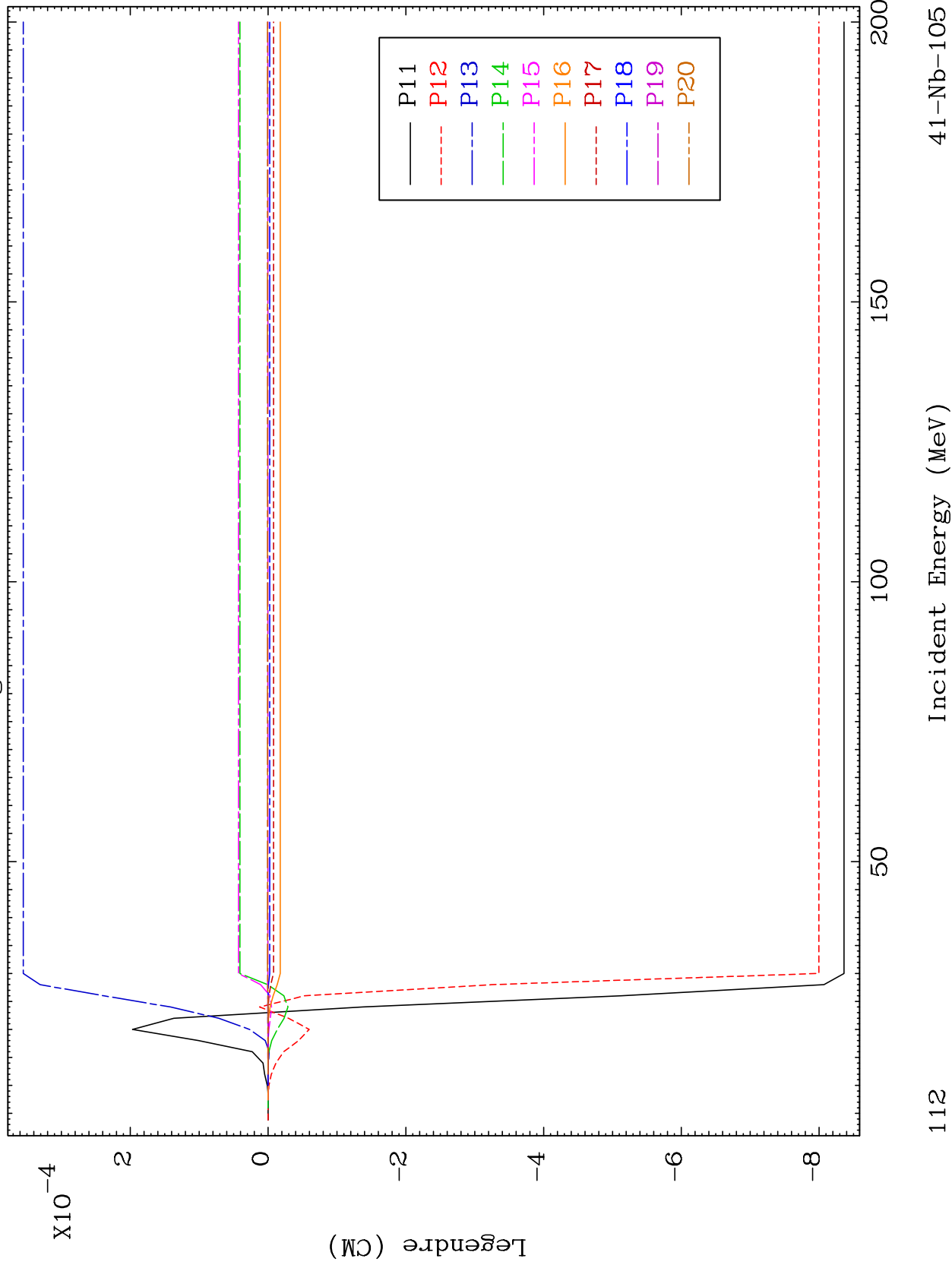
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



112

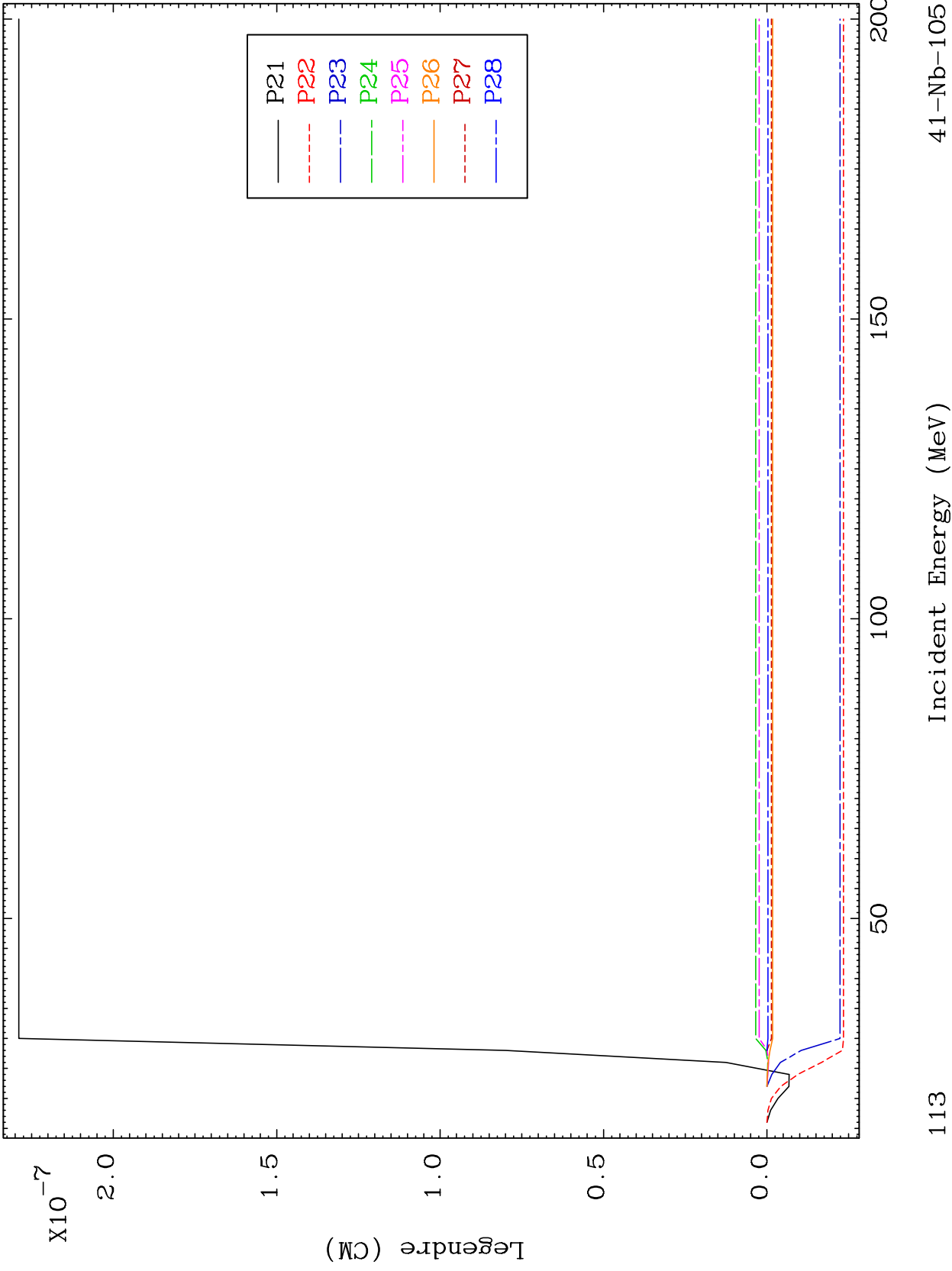
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105

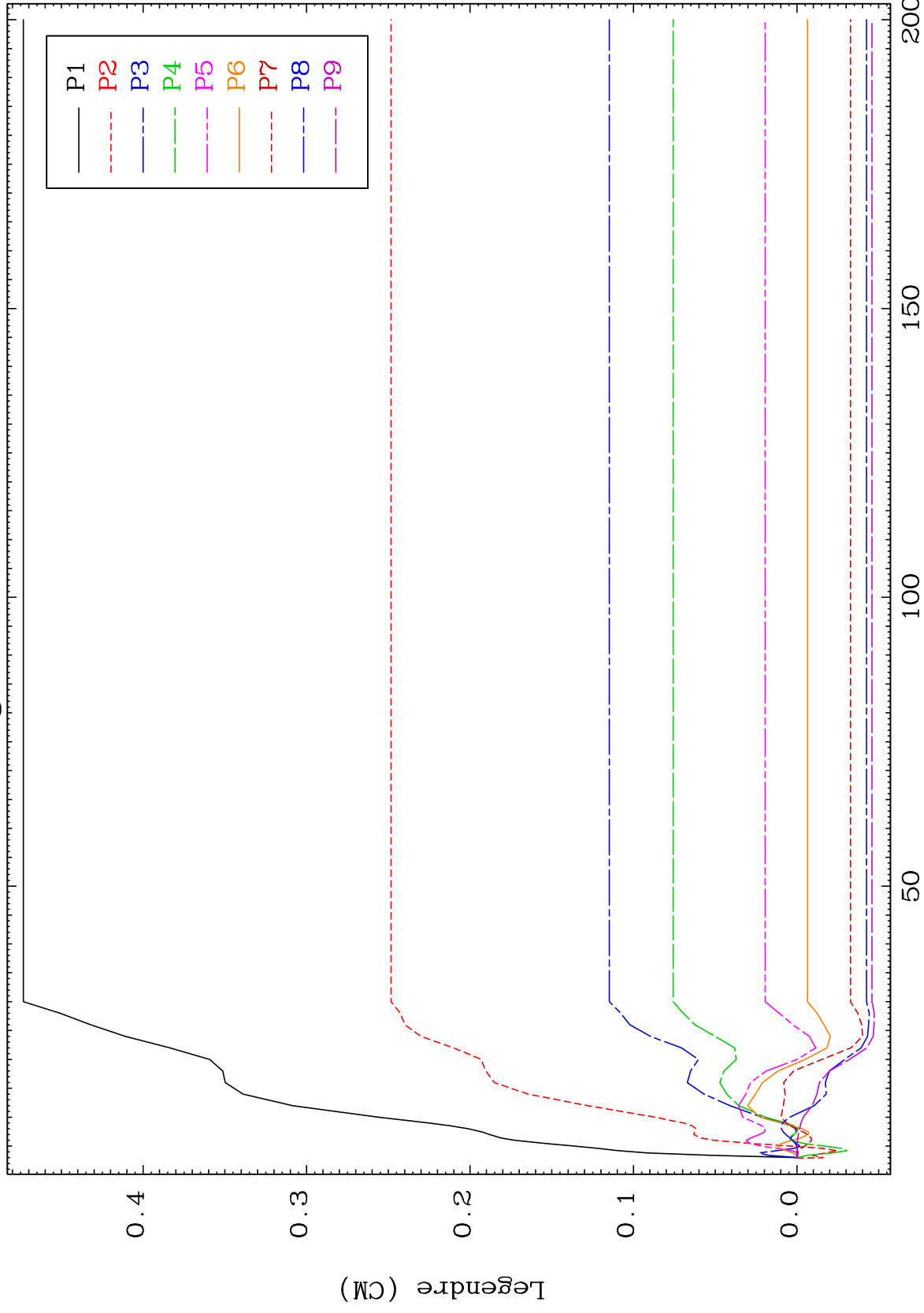


113

MAT 4161

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

41-Nb-105



114

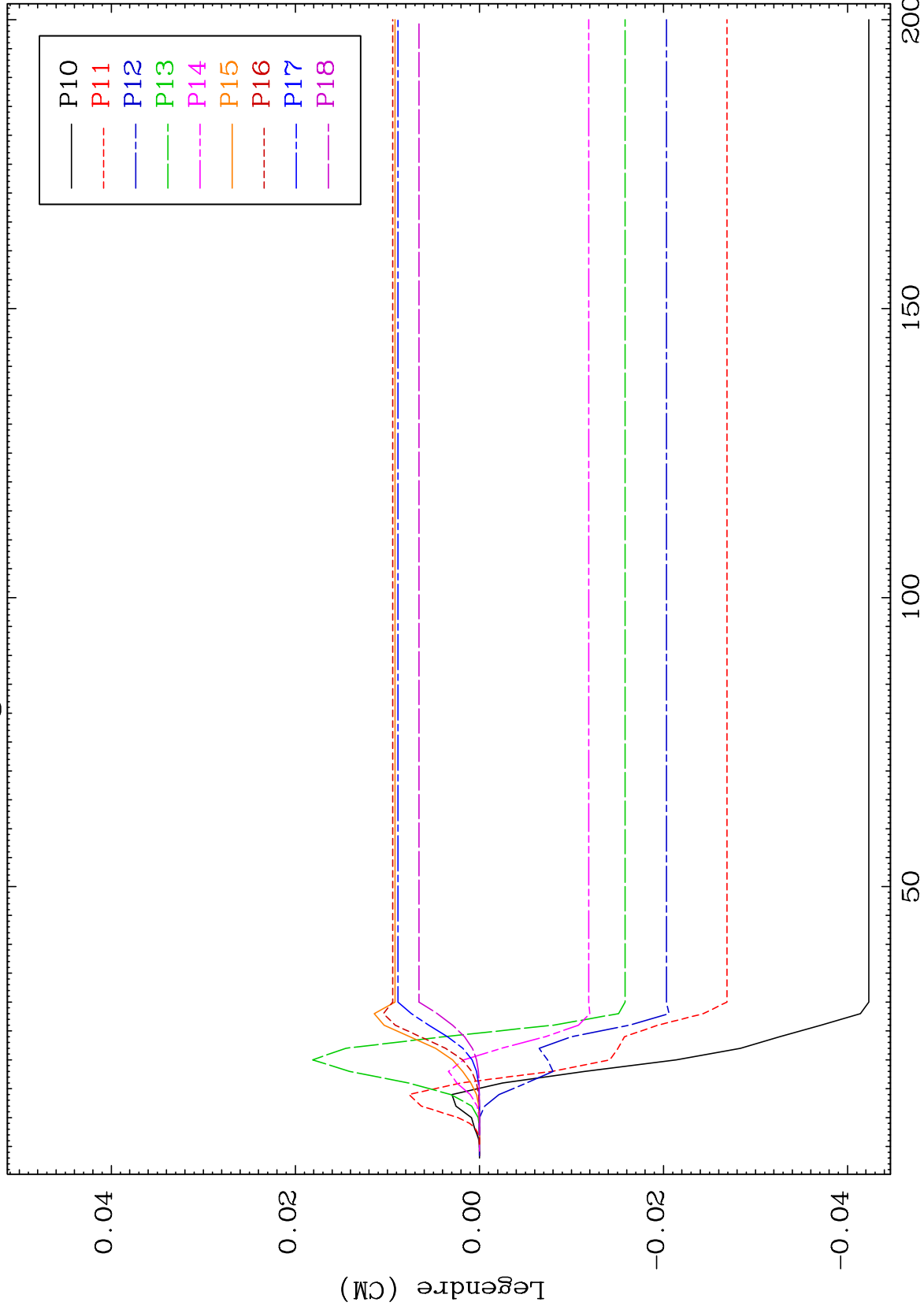
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



115

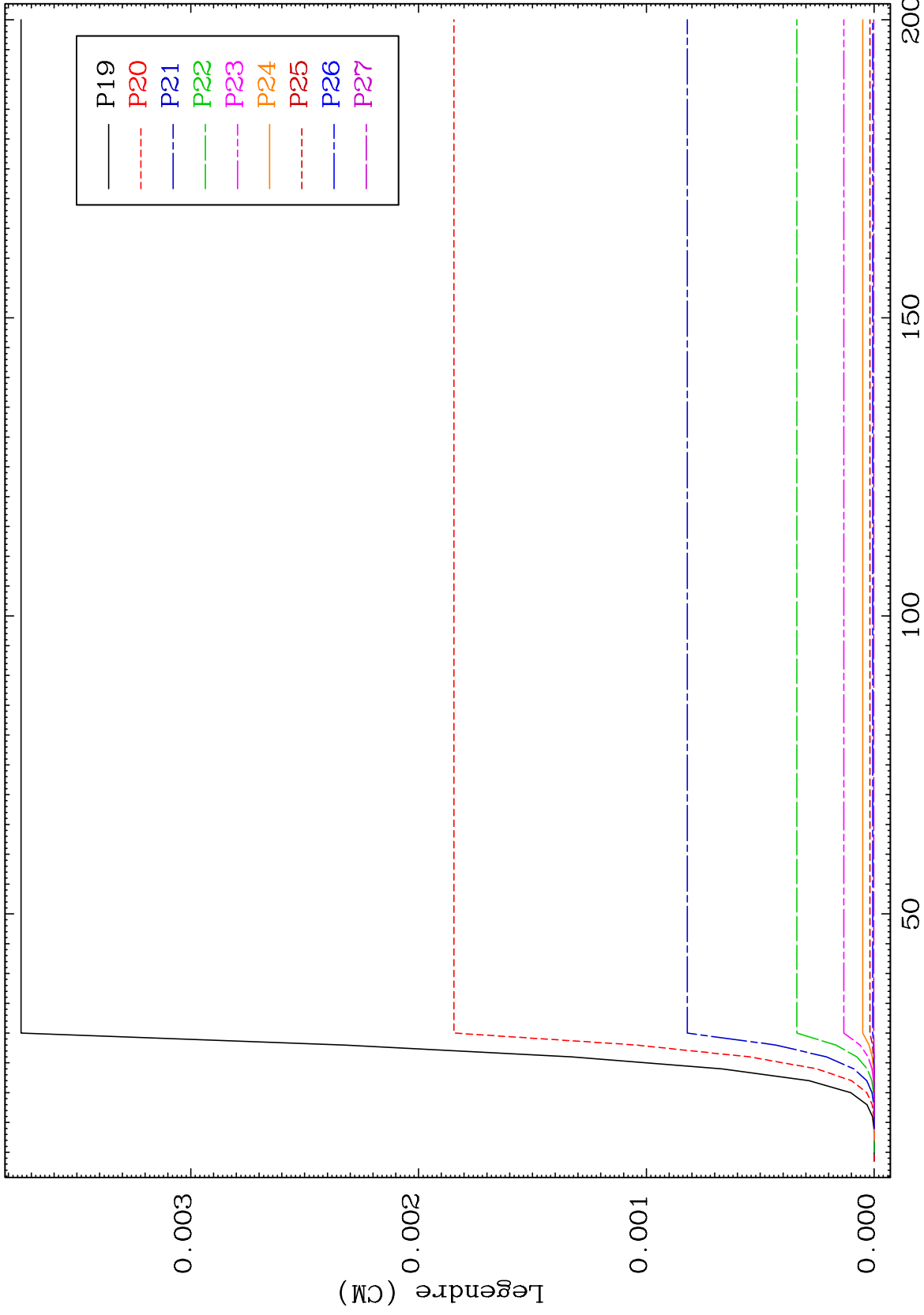
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



116

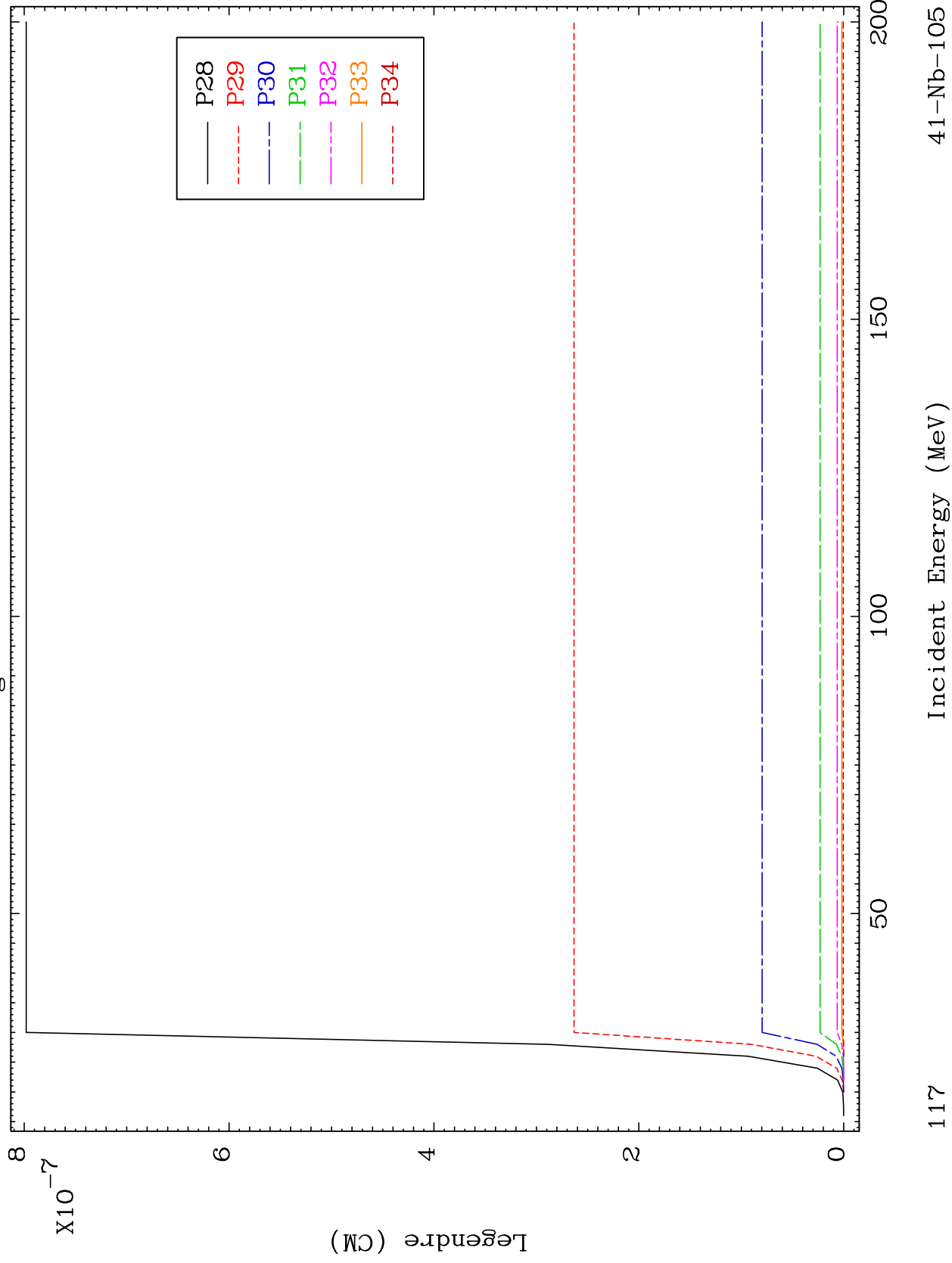
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



117

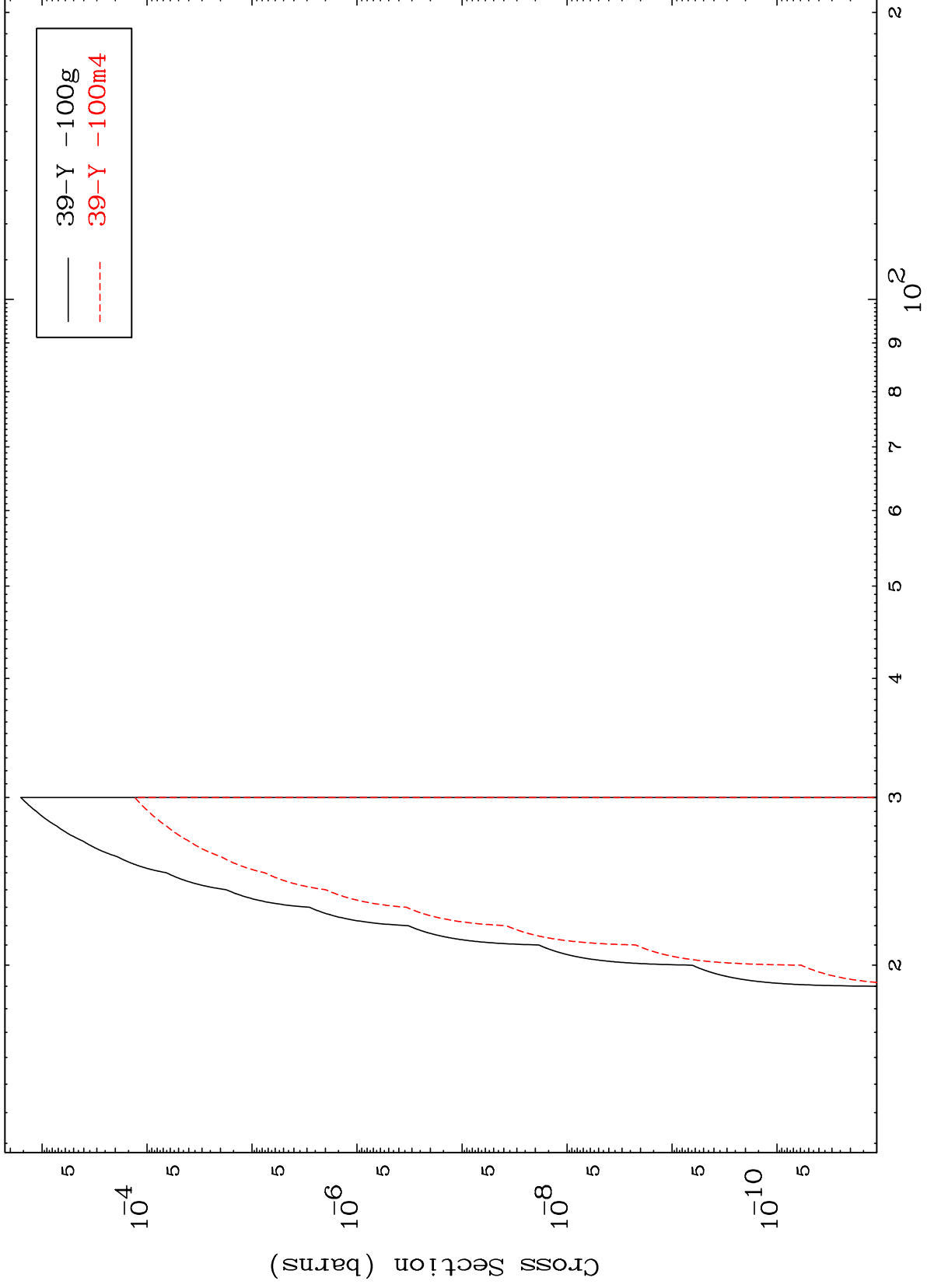


MAT 4161

$(n,2n) \alpha$

41-Nb-105

Radionuclide Production Cross Section



119

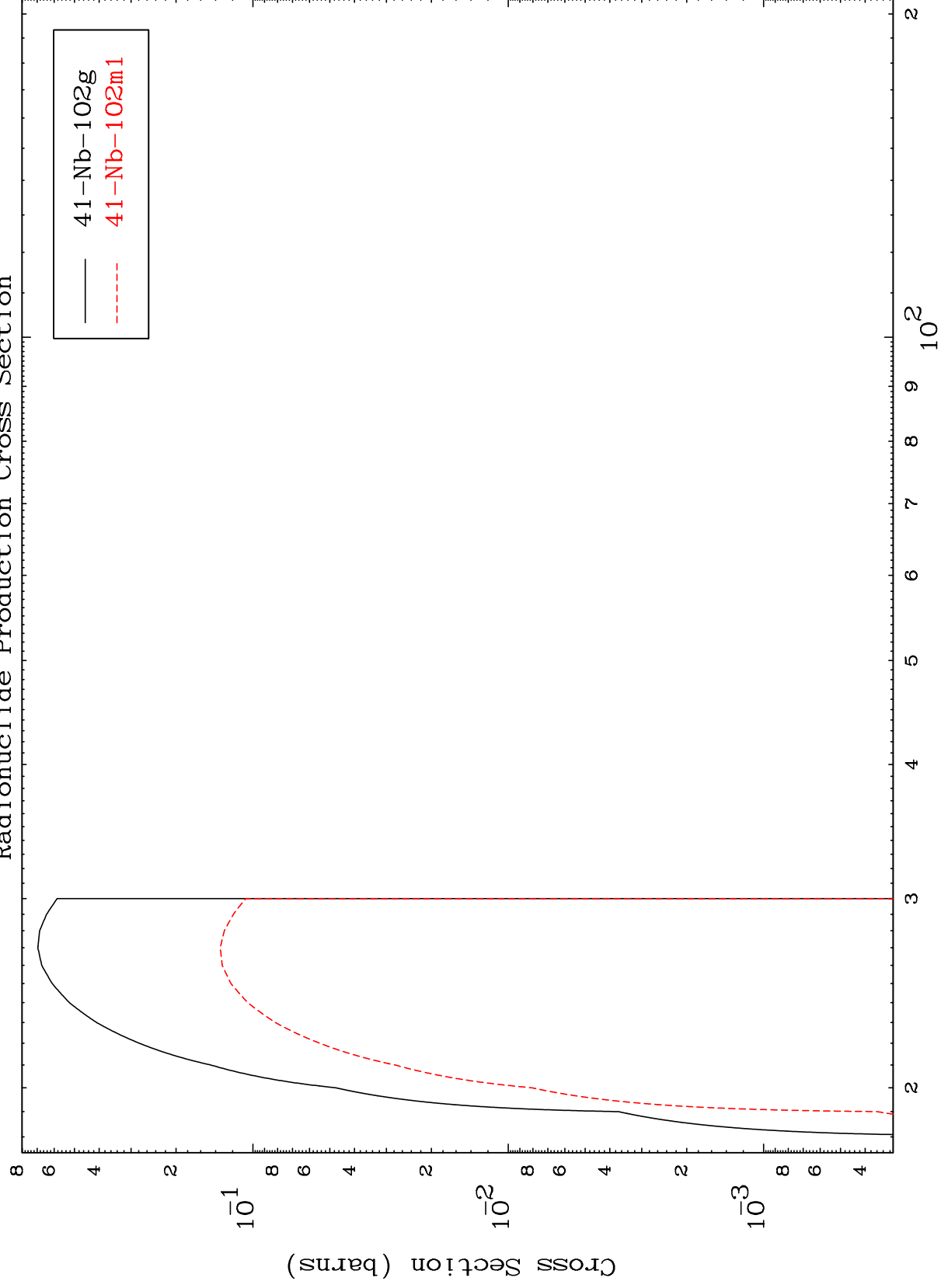
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

(n,4n)  
Radionuclide Production Cross Section



120

Incident Energy (MeV)

41-Nb-105