

Program EVALPLOT
(Version 2021-1)

by

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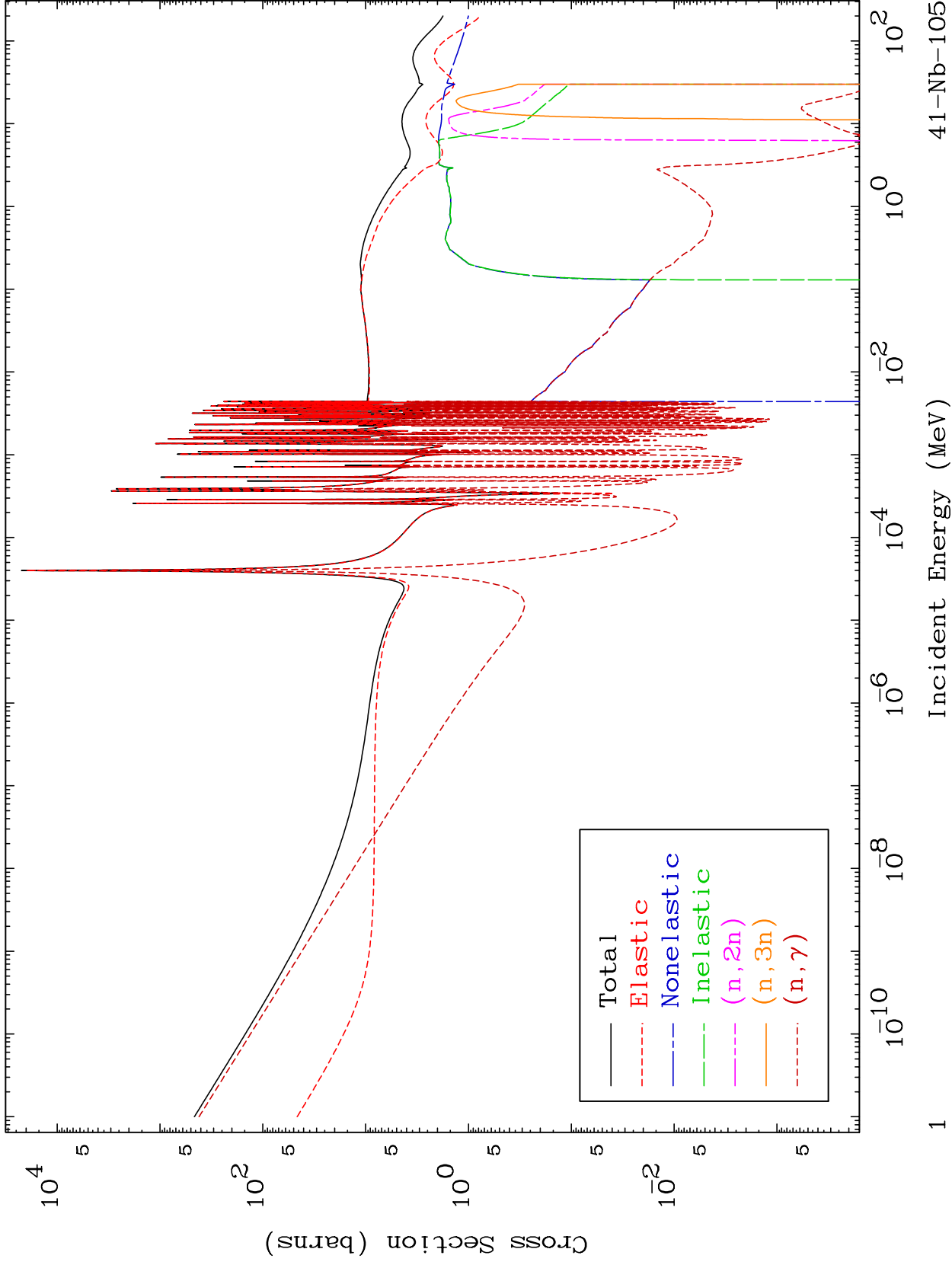
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Press Mouse Button to Start

MAT 4161

Neutron Major
293 Kelvin Cross Sections

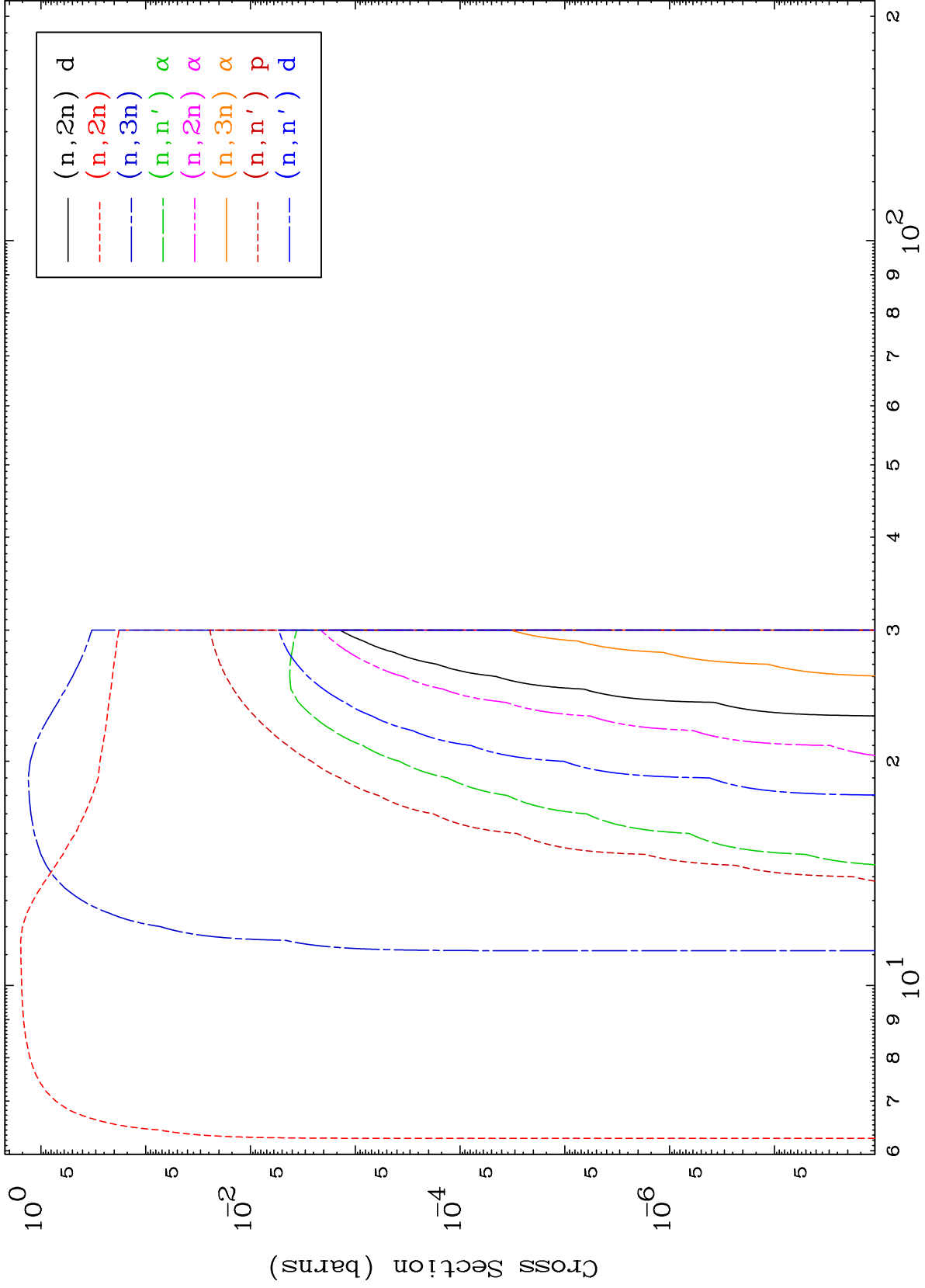
41-Nb-105



MAT 4161

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-105



2

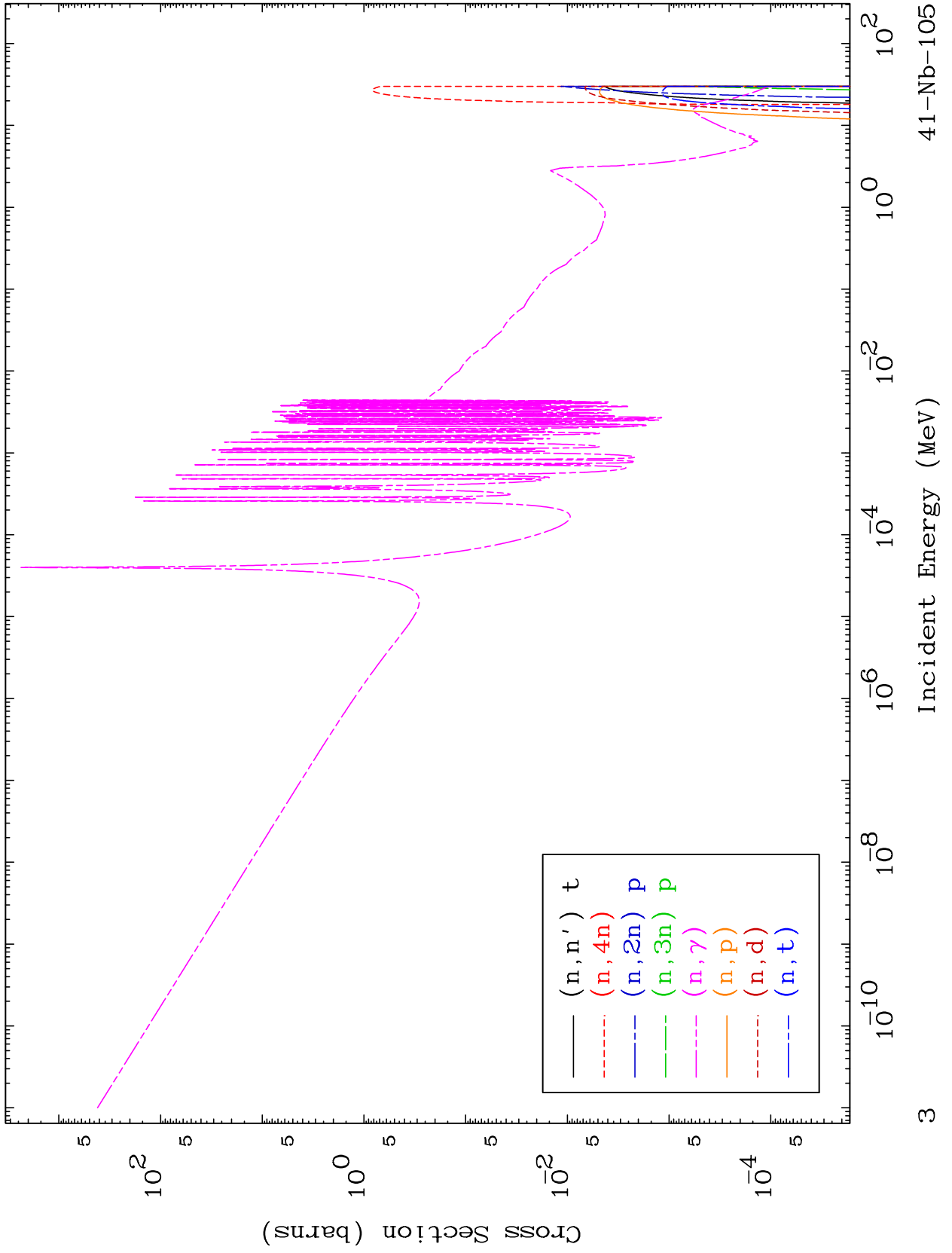
Incident Energy (MeV)

41-Nb-105

MAT 4161

Neutron Absorption
293 Kelvin Cross Sections

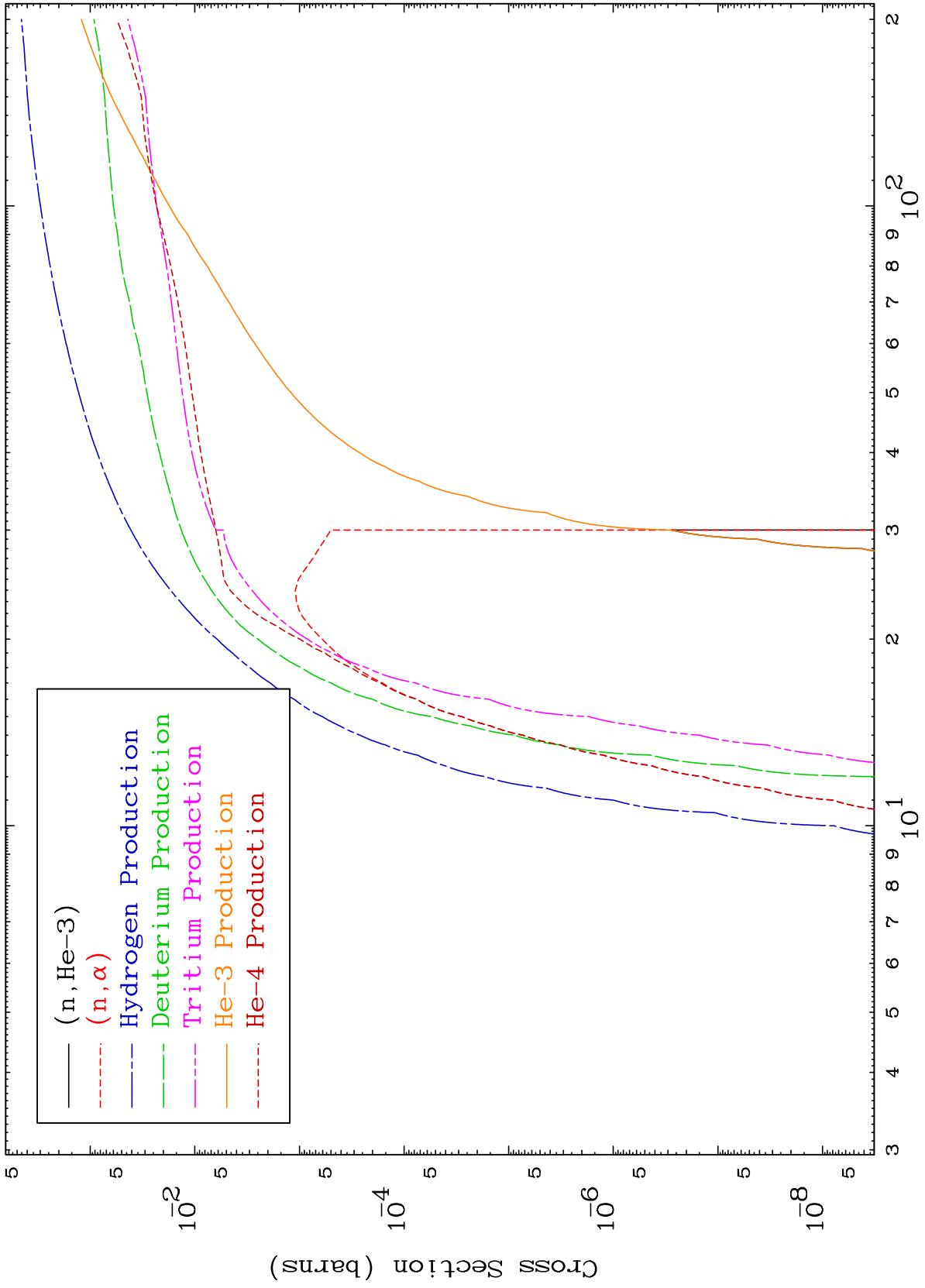
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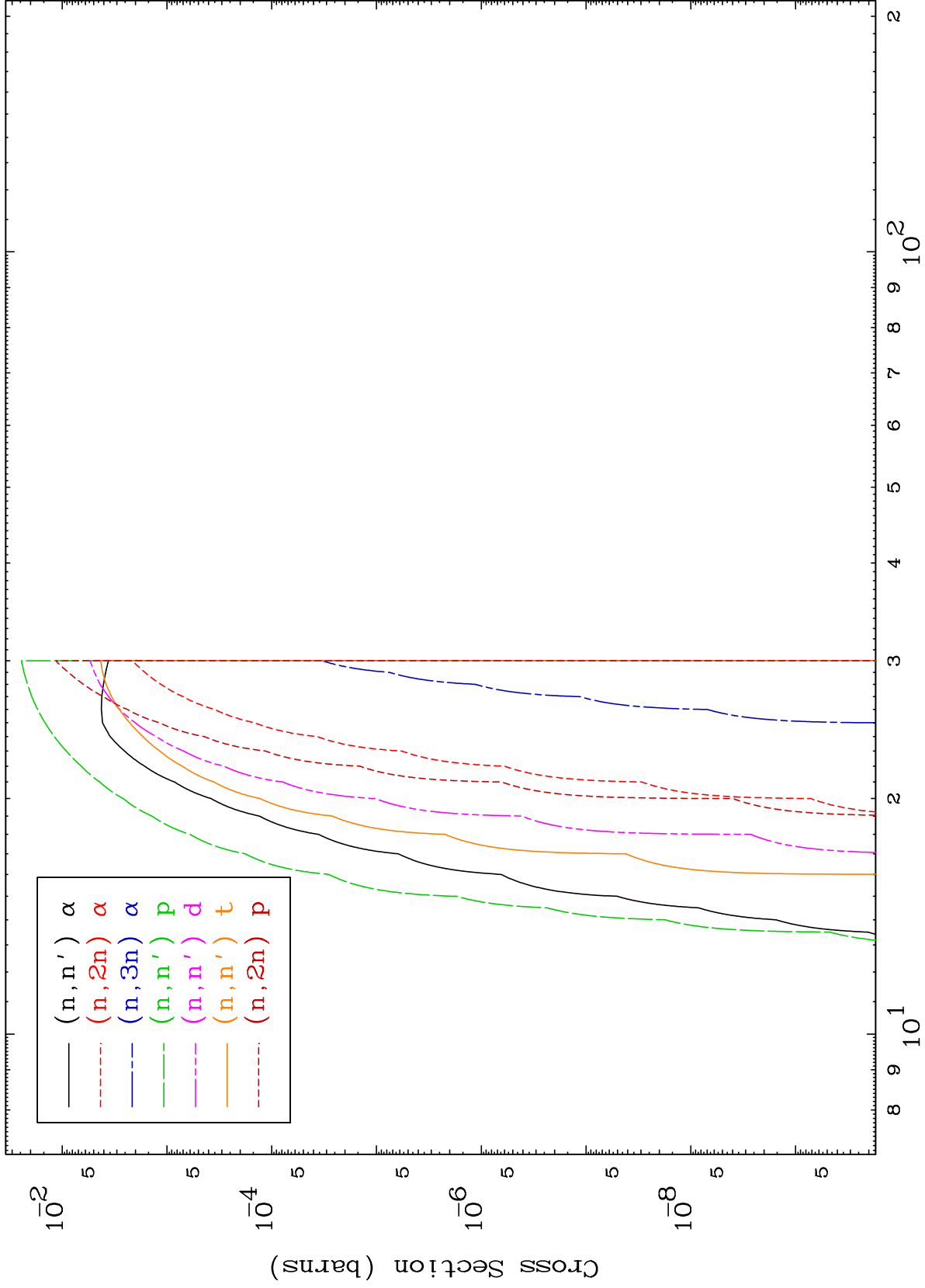


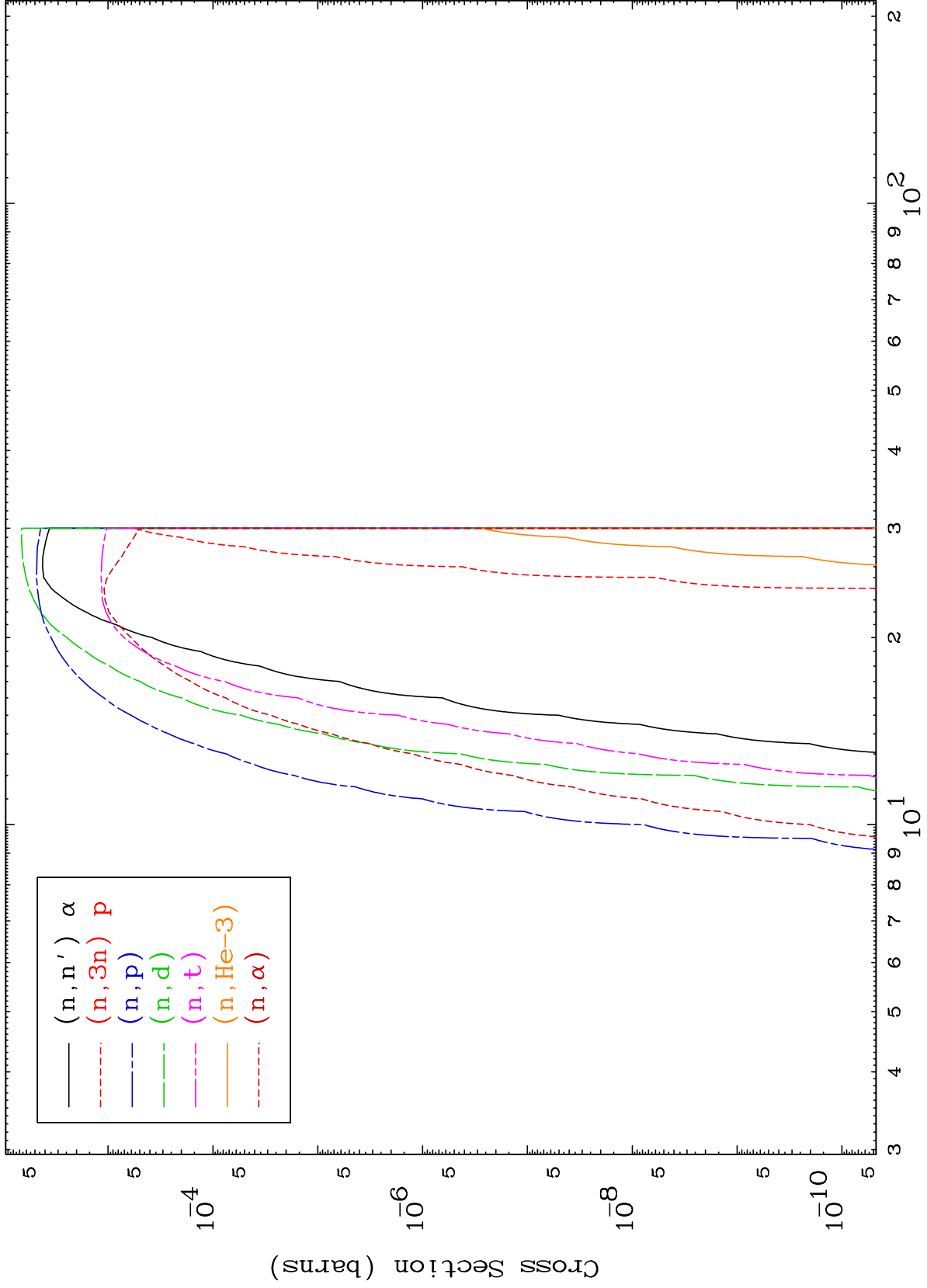
MAT 4161

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-105



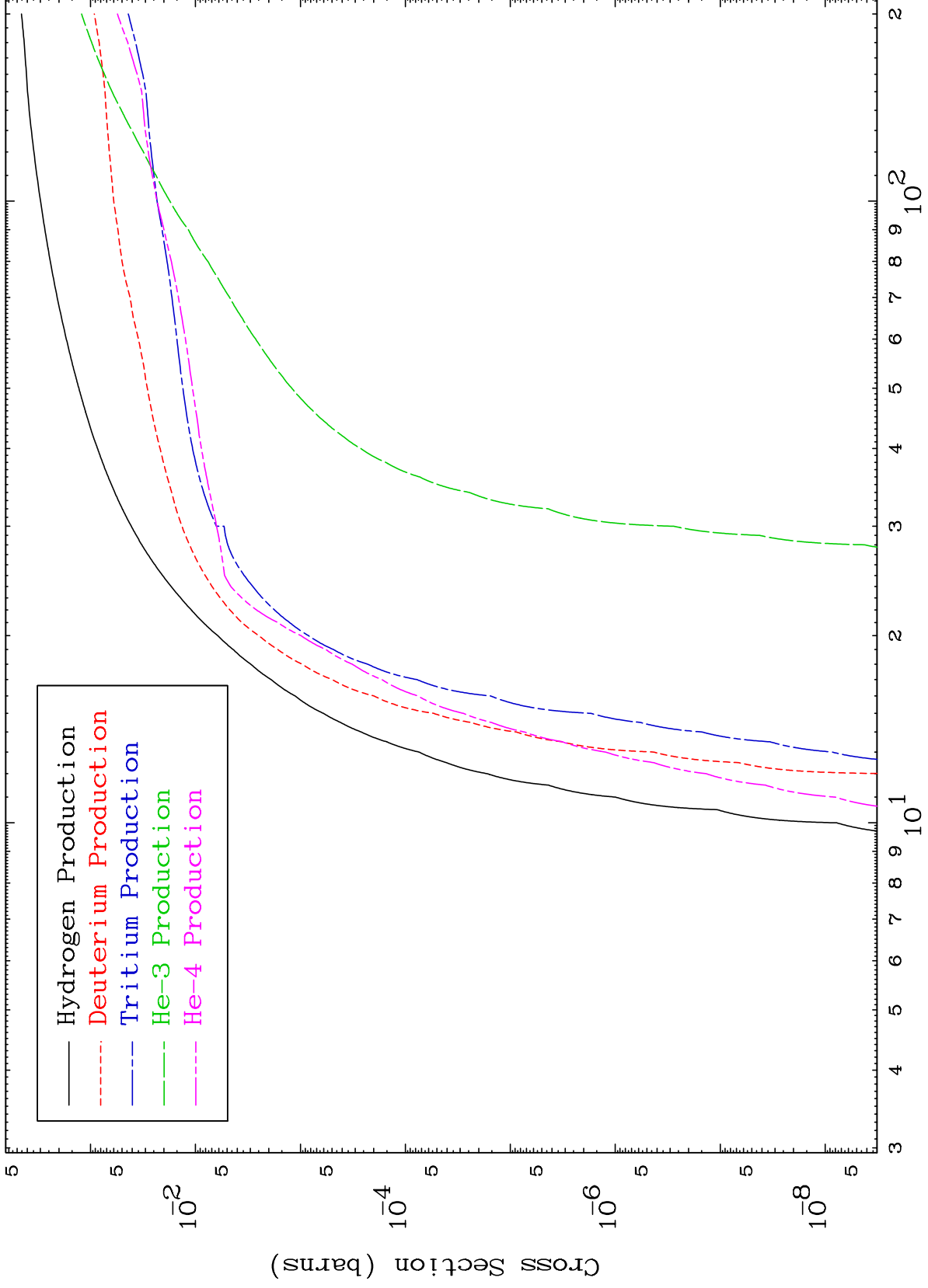




MAT 4161

Particle Production
293 Kelvin Cross Sections

41-Nb-105



7

Incident Energy (MeV)

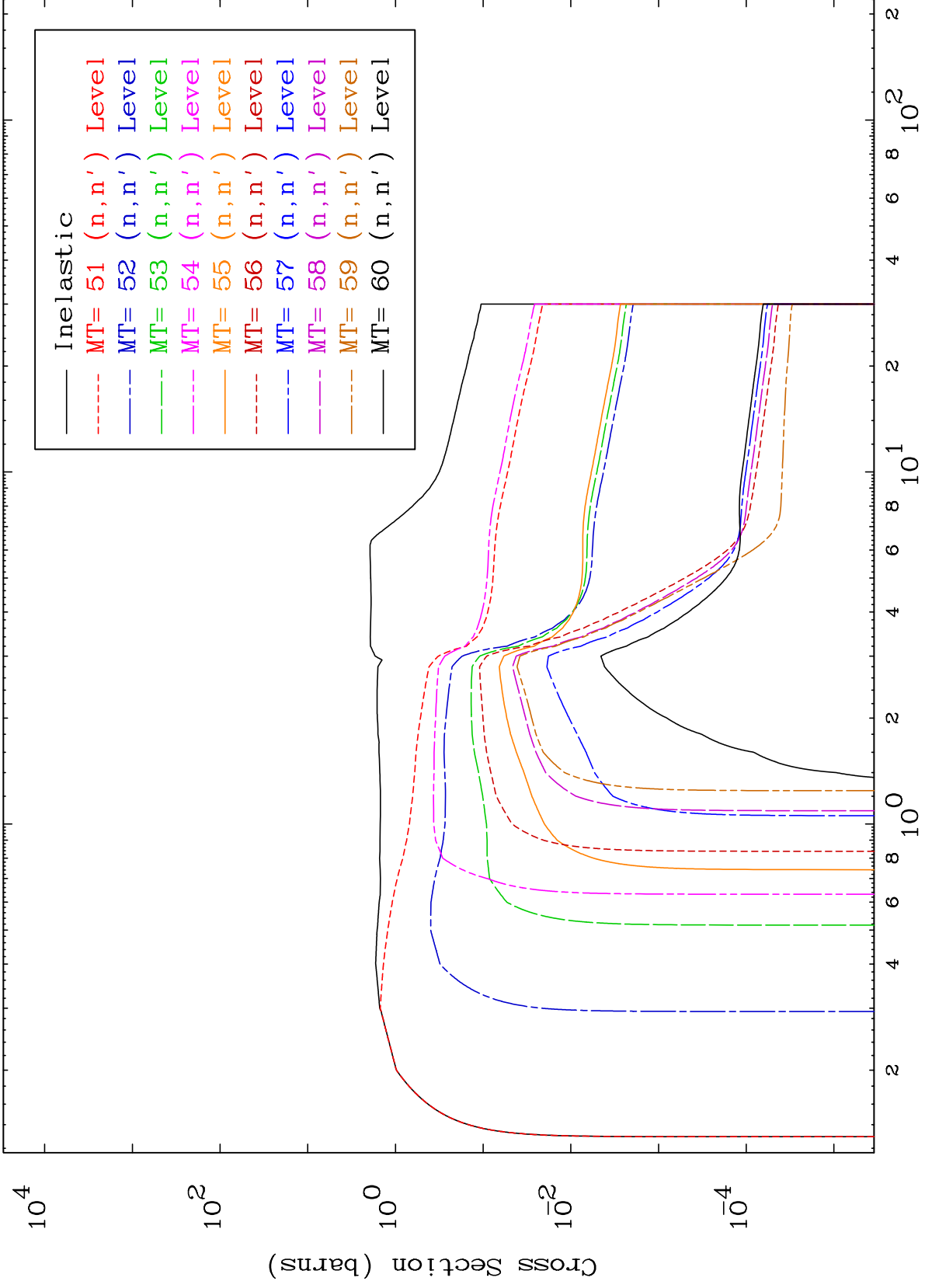
41-Nb-105

MAT 4161

(n,n') Levels

41-Nb-105

293 Kelvin Cross Sections

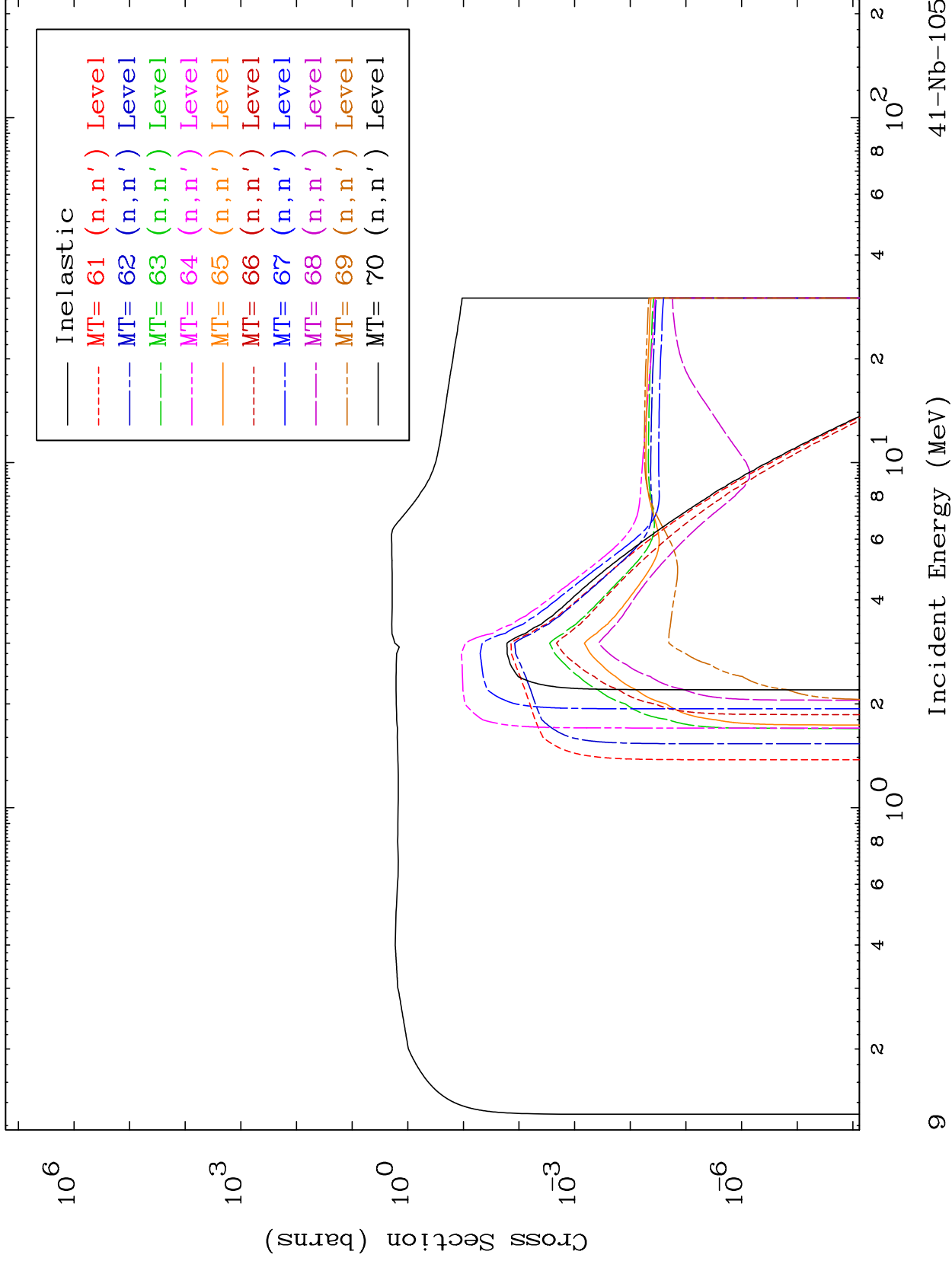


MAT 4161

(n,n') Levels

41-Nb-105

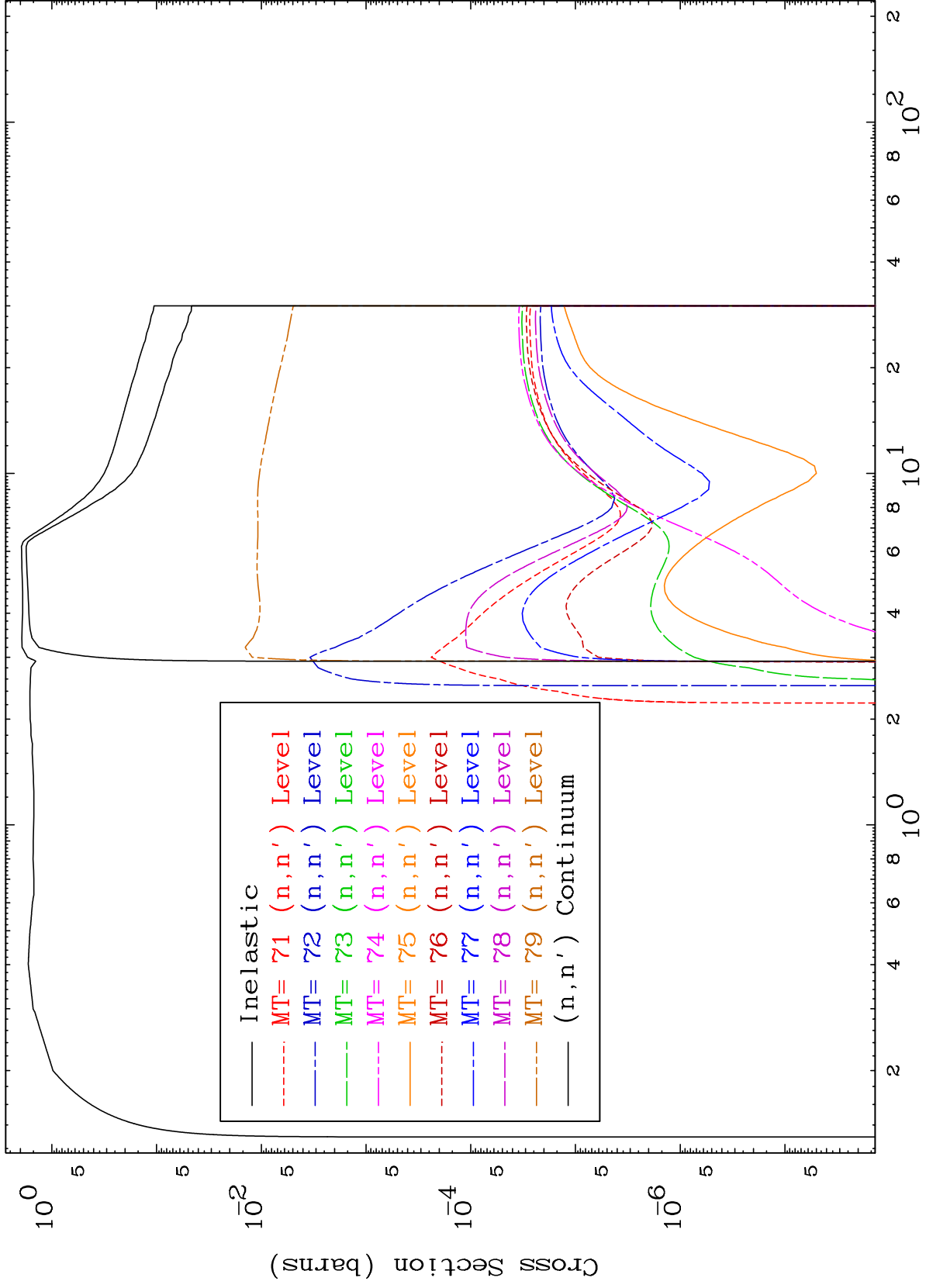
293 Kelvin Cross Sections



MAT 4161

(n,n') Levels
293 Kelvin Cross Sections

41-Nb-105



10

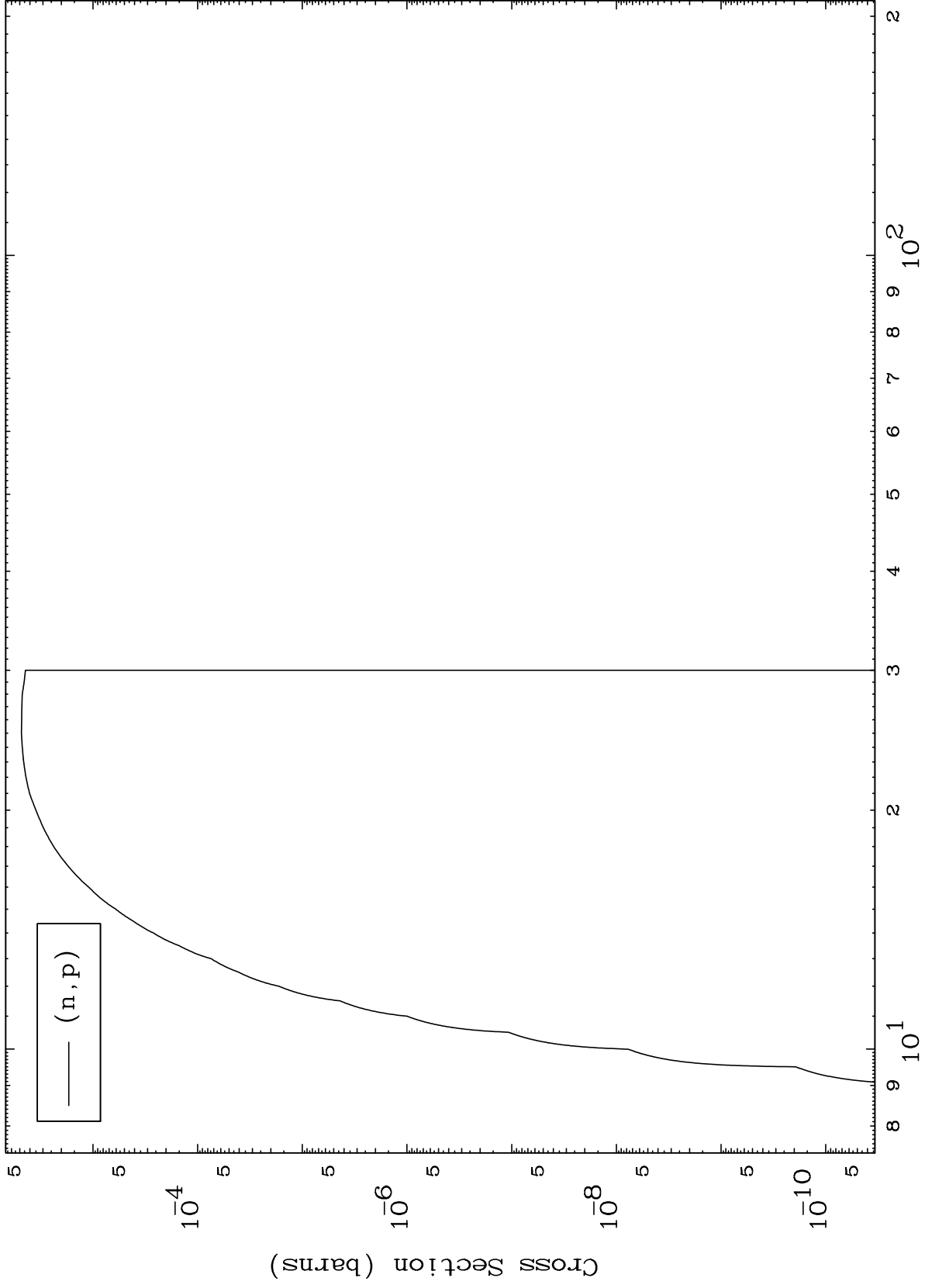
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-105



11

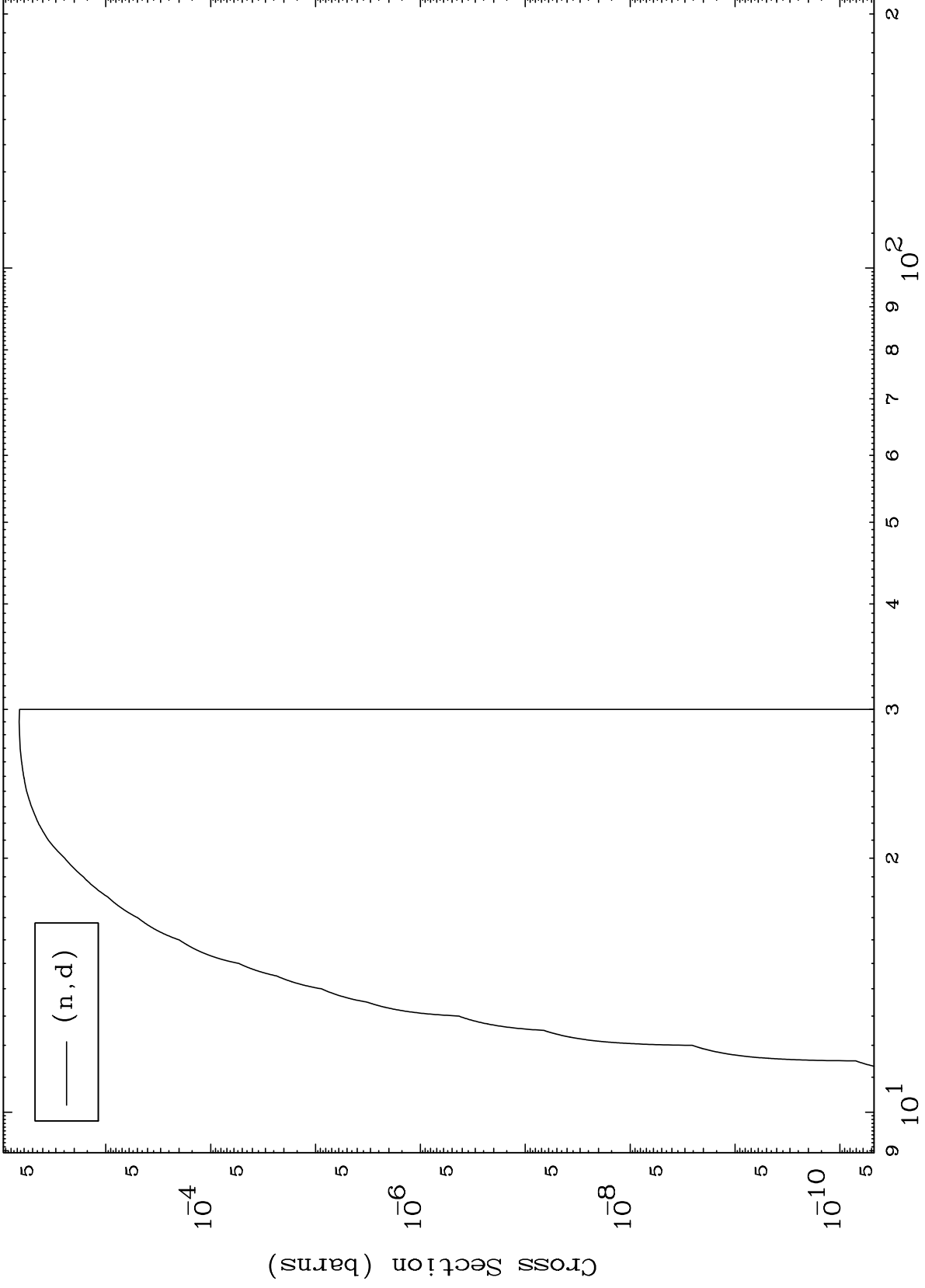
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-105



12

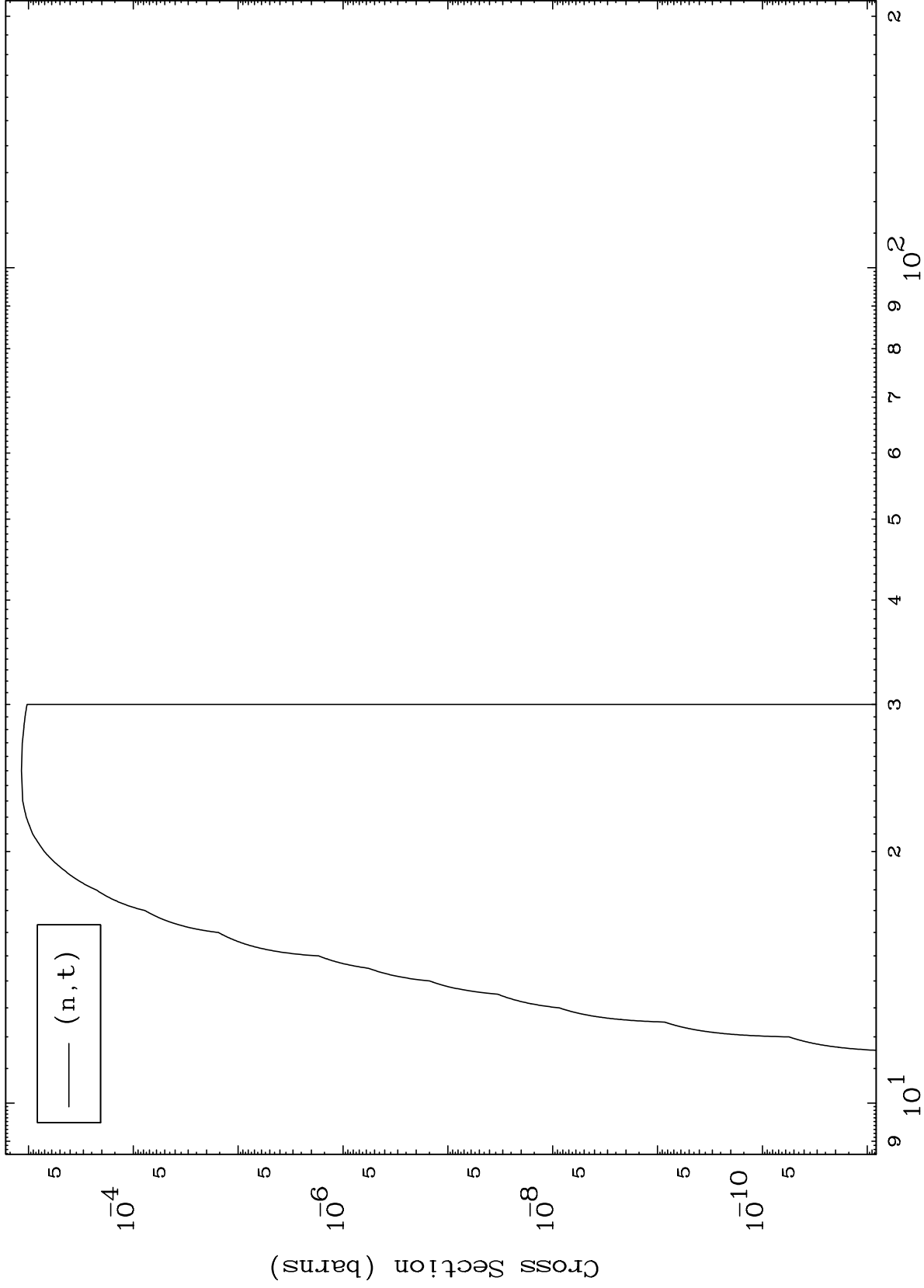
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41-Nb-105

MAT 4161

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-105



13

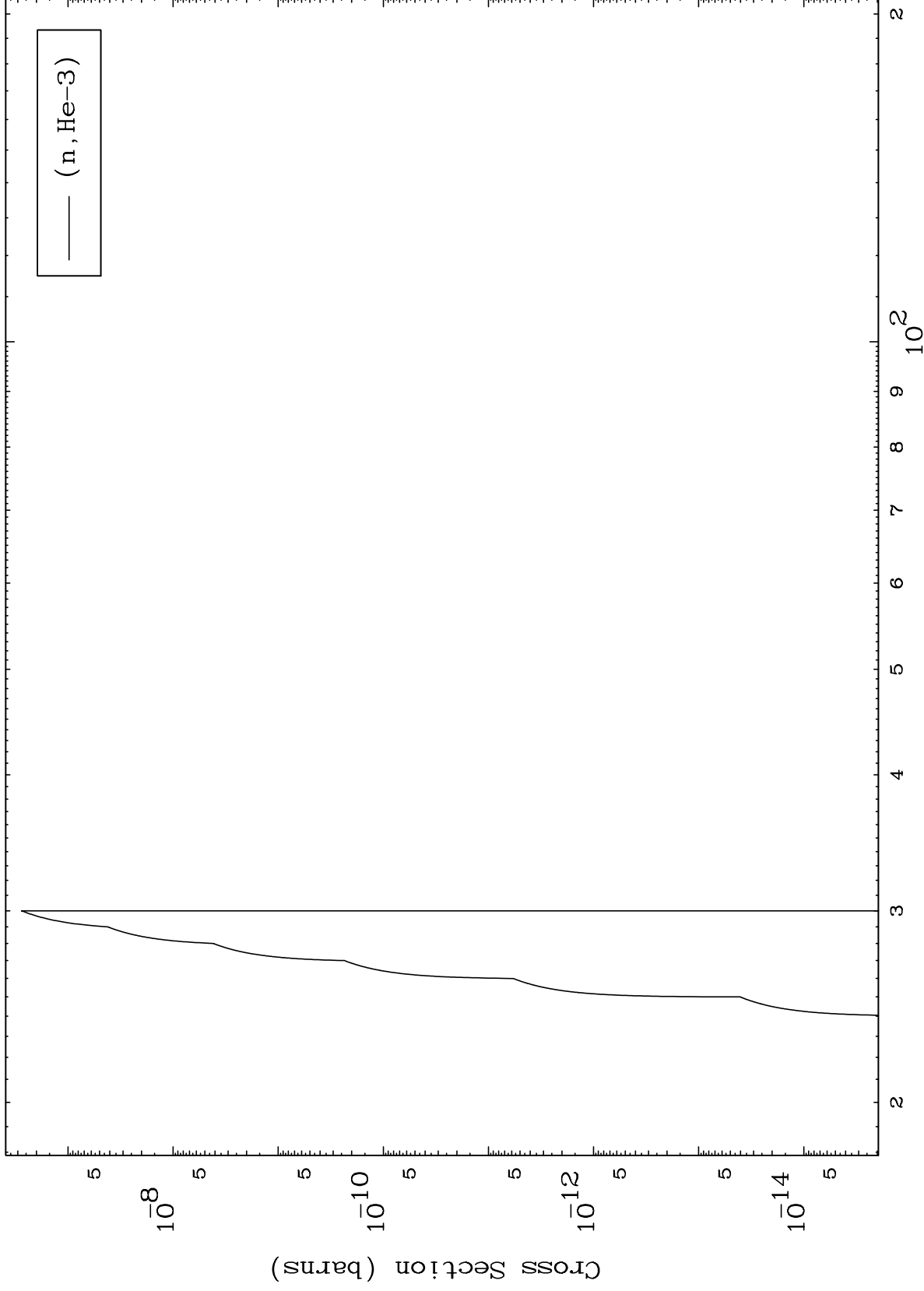
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-105



14

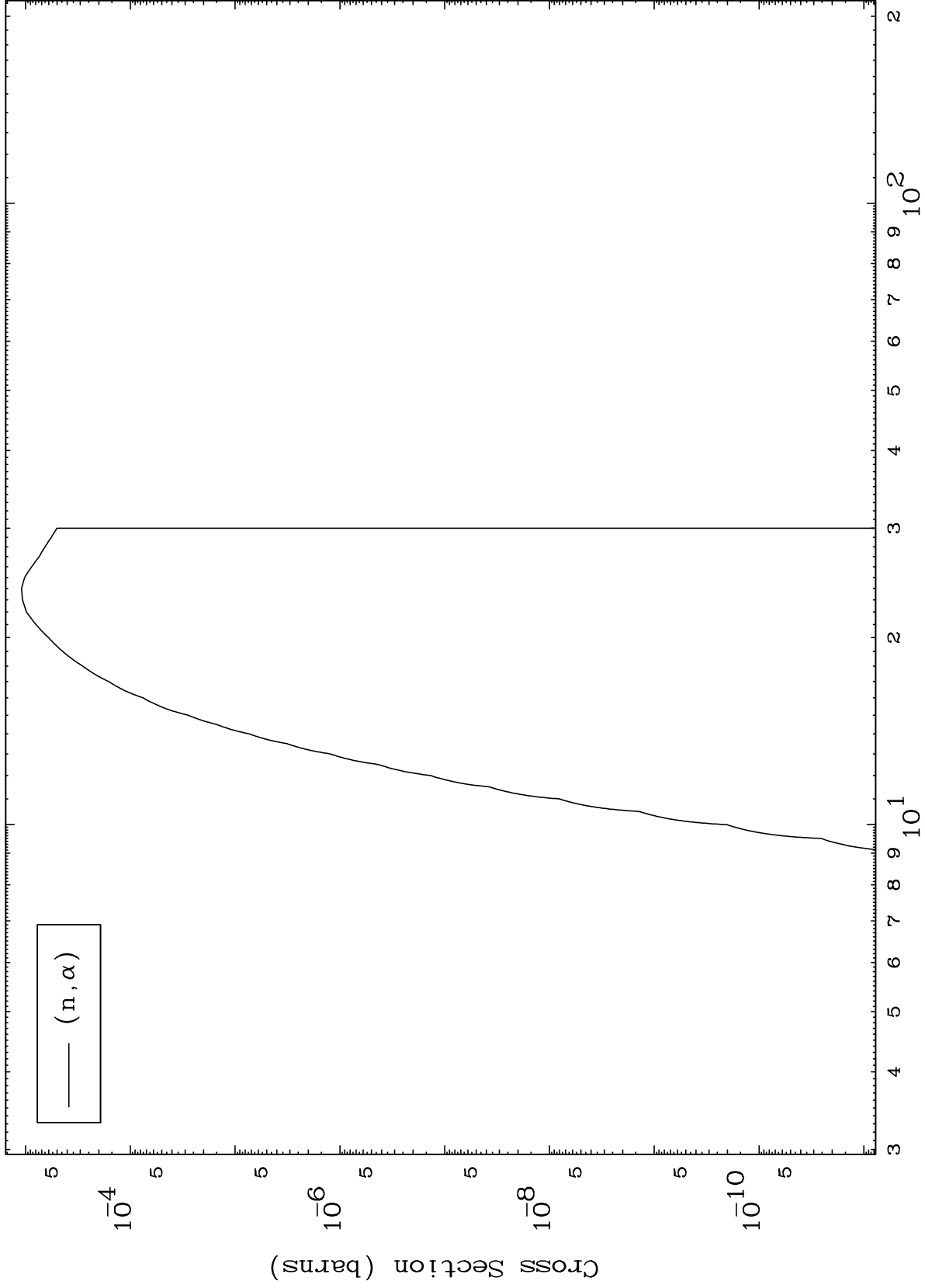
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-105



15

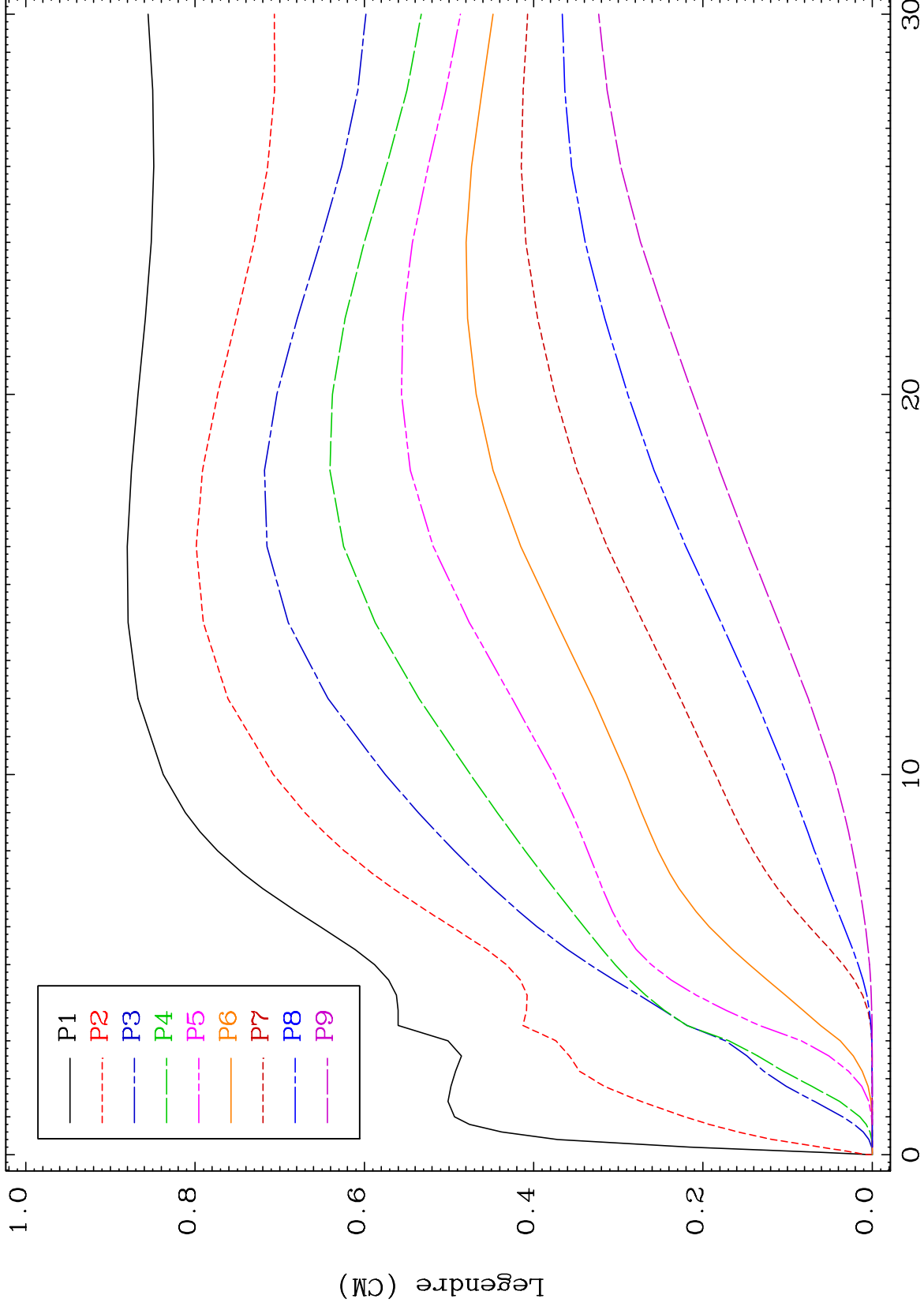
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

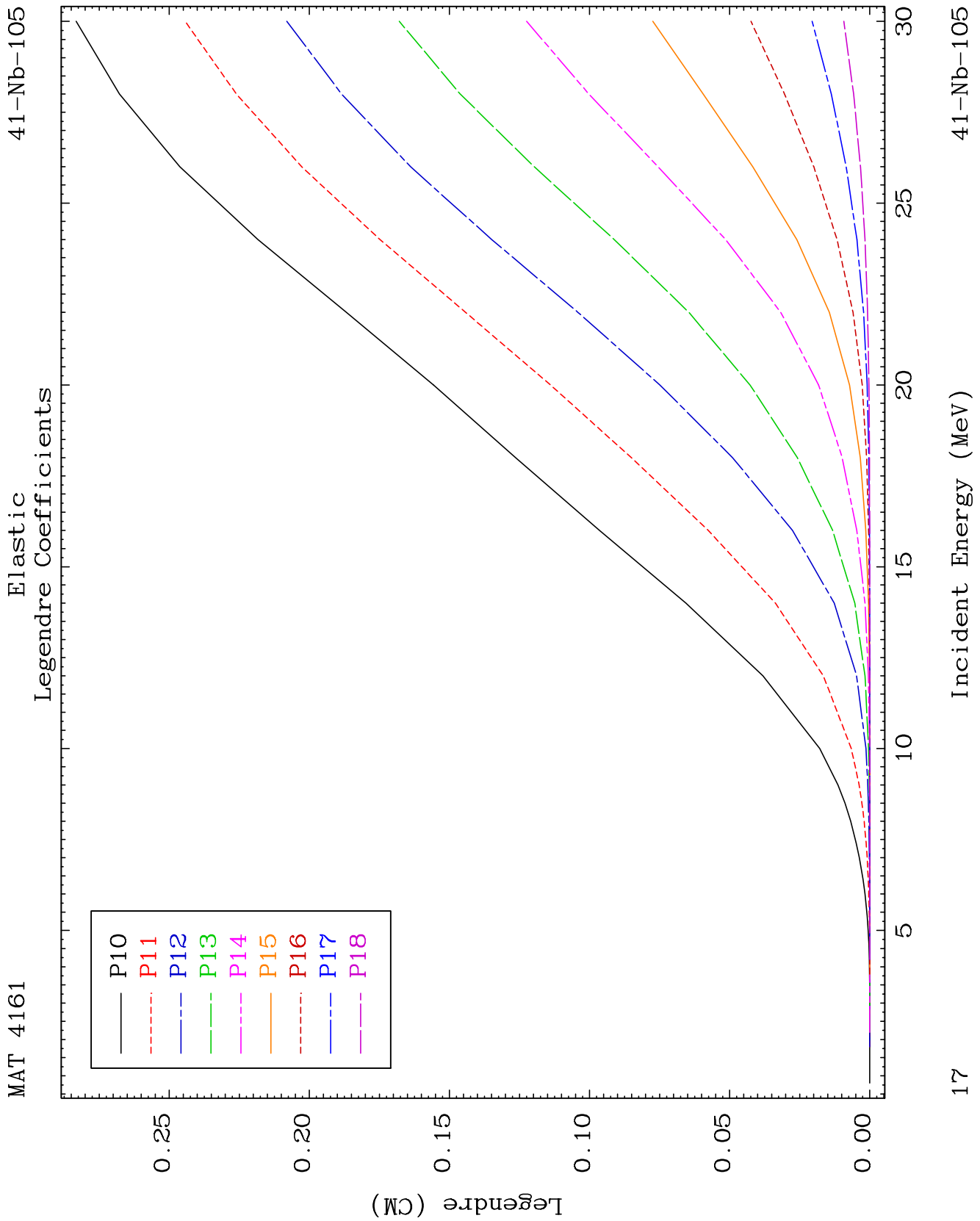
Elastic Legendre Coefficients



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Incident Energy (MeV)

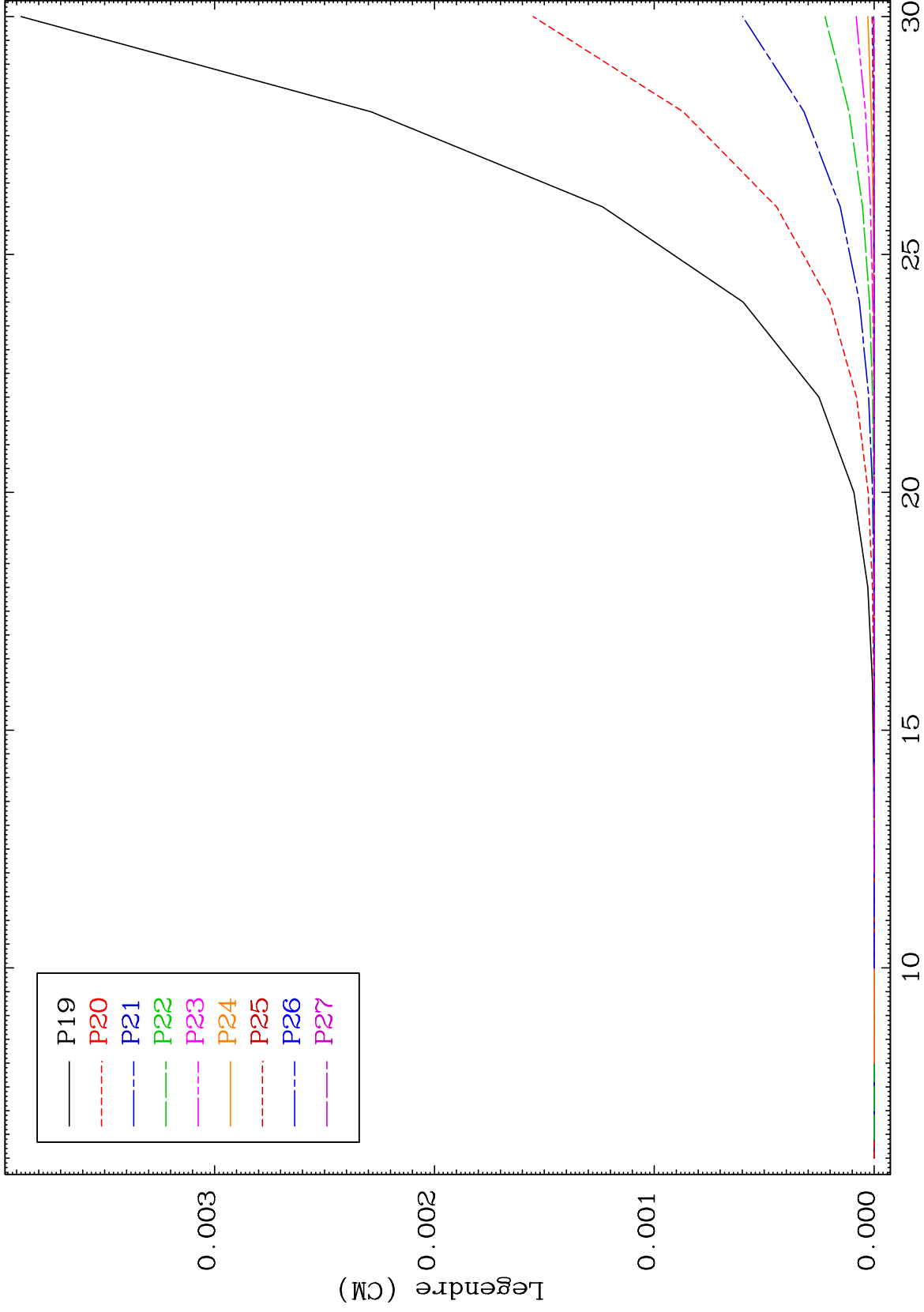
41-Nb-105



MAT 4161

Elastic
Legendre Coefficients

41-Nb-105



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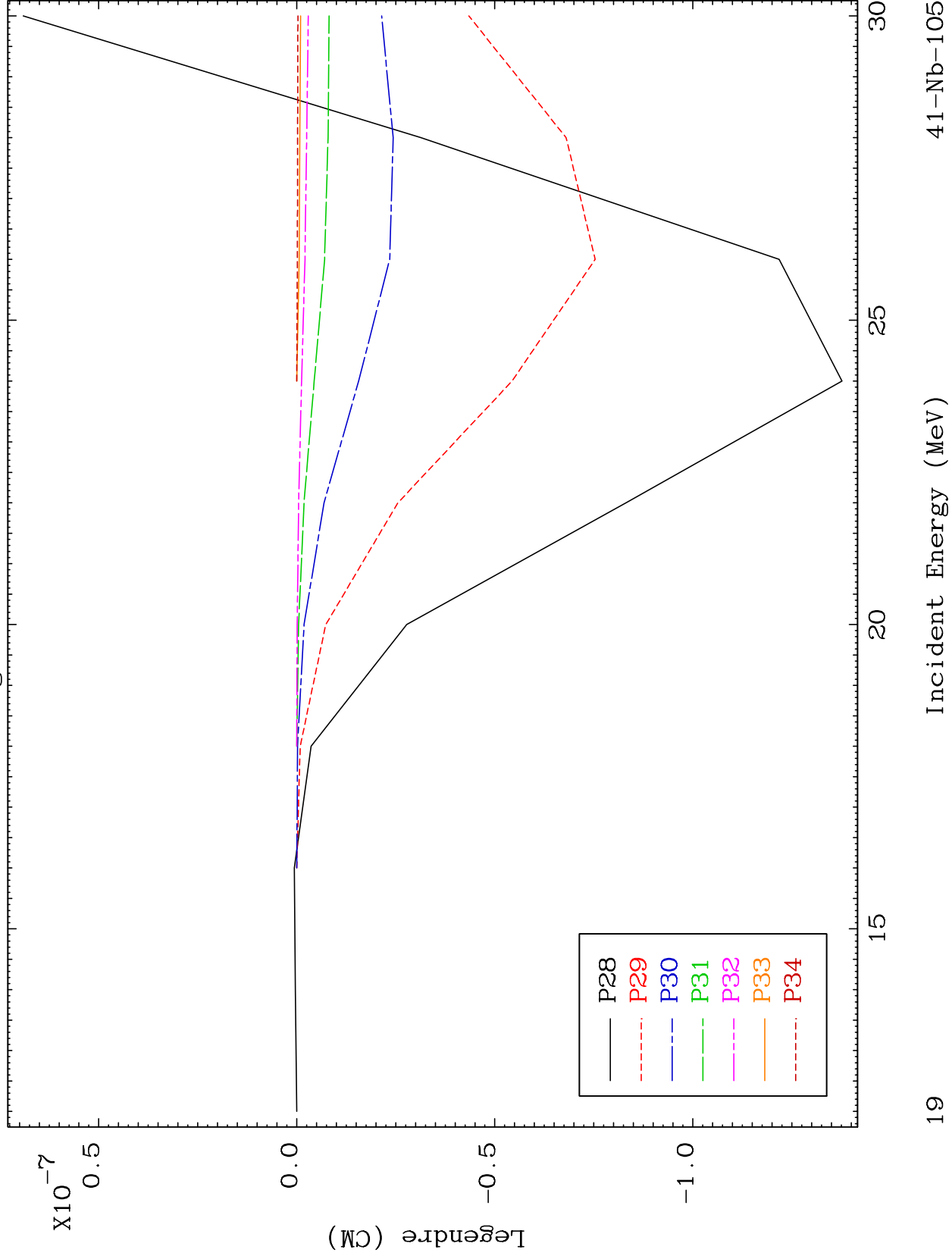
Incident Energy (MeV)

41-Nb-105

MAT 4161

Elastic
Legendre Coefficients

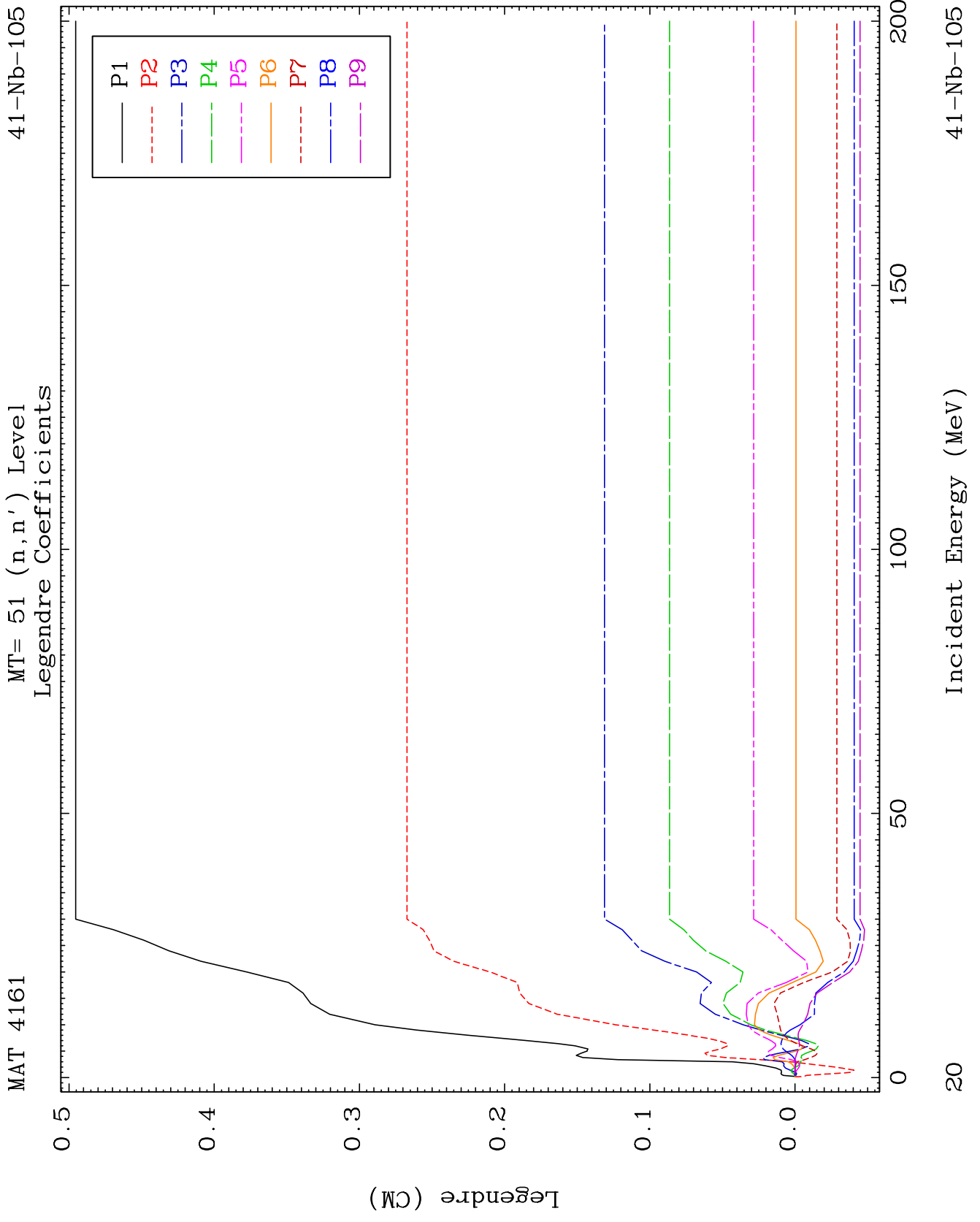
41-Nb-105



19

Incident Energy (MeV)

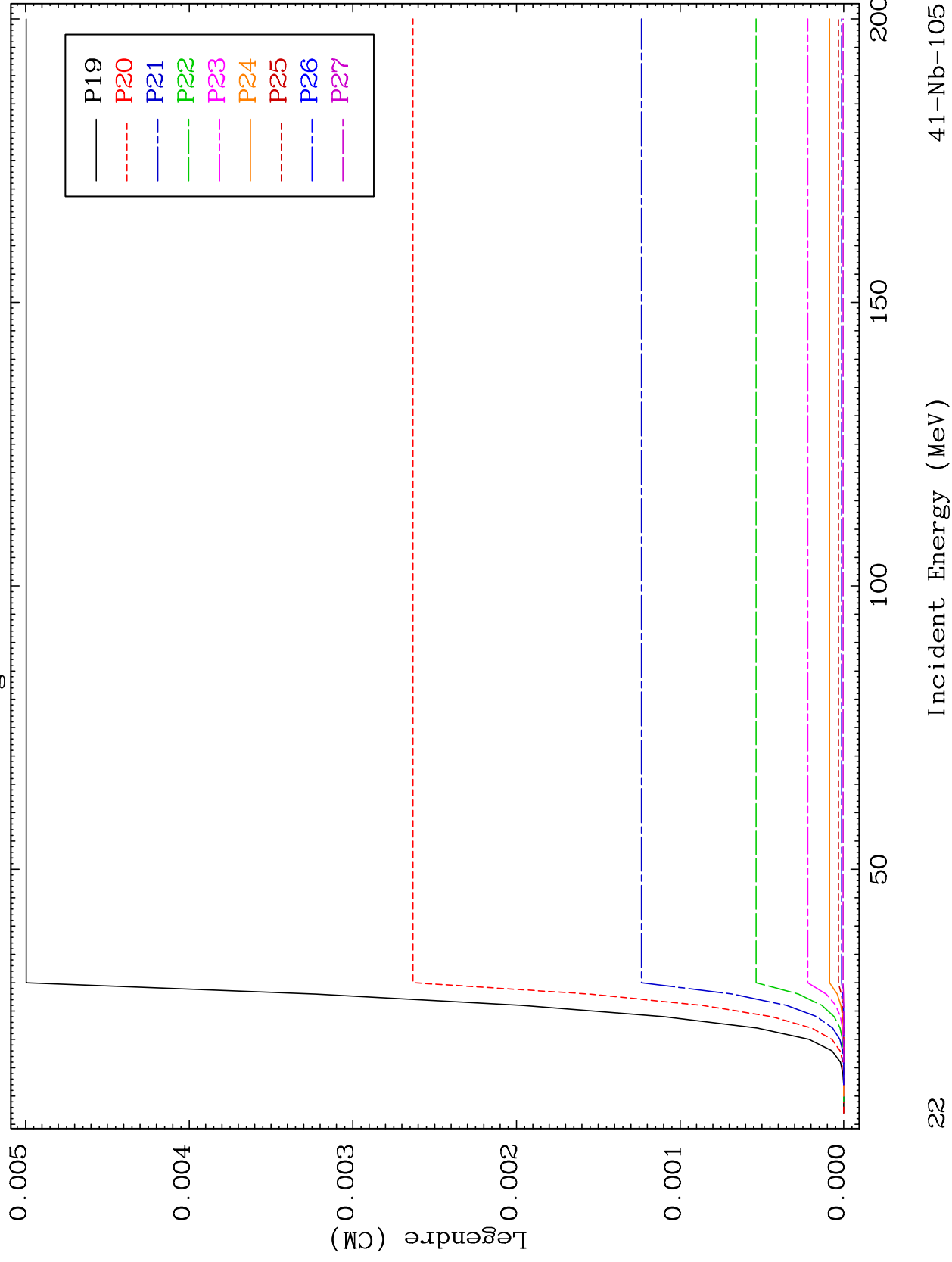
41-Nb-105



MAT 4161

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

41-Nb-105



22

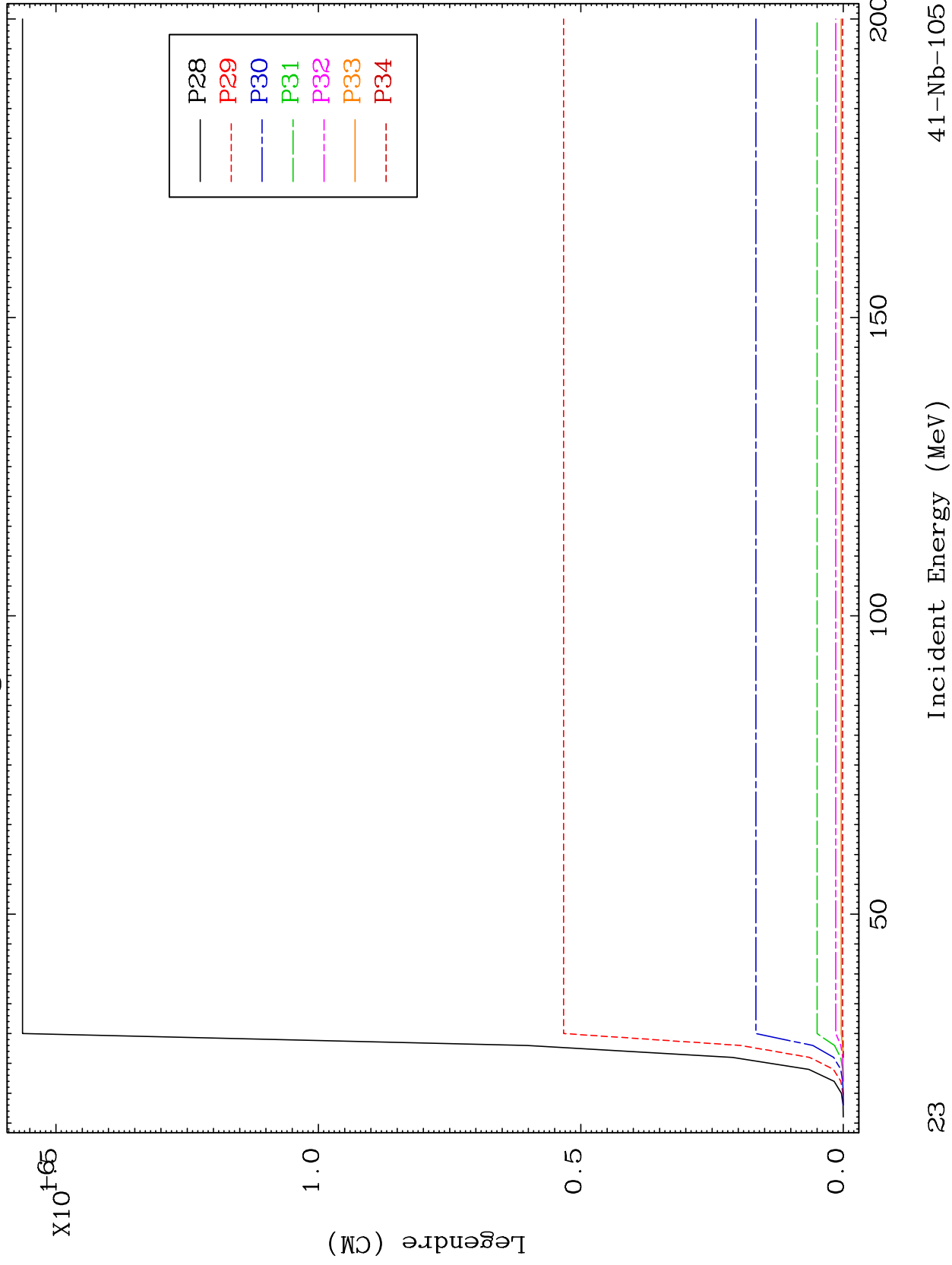
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105

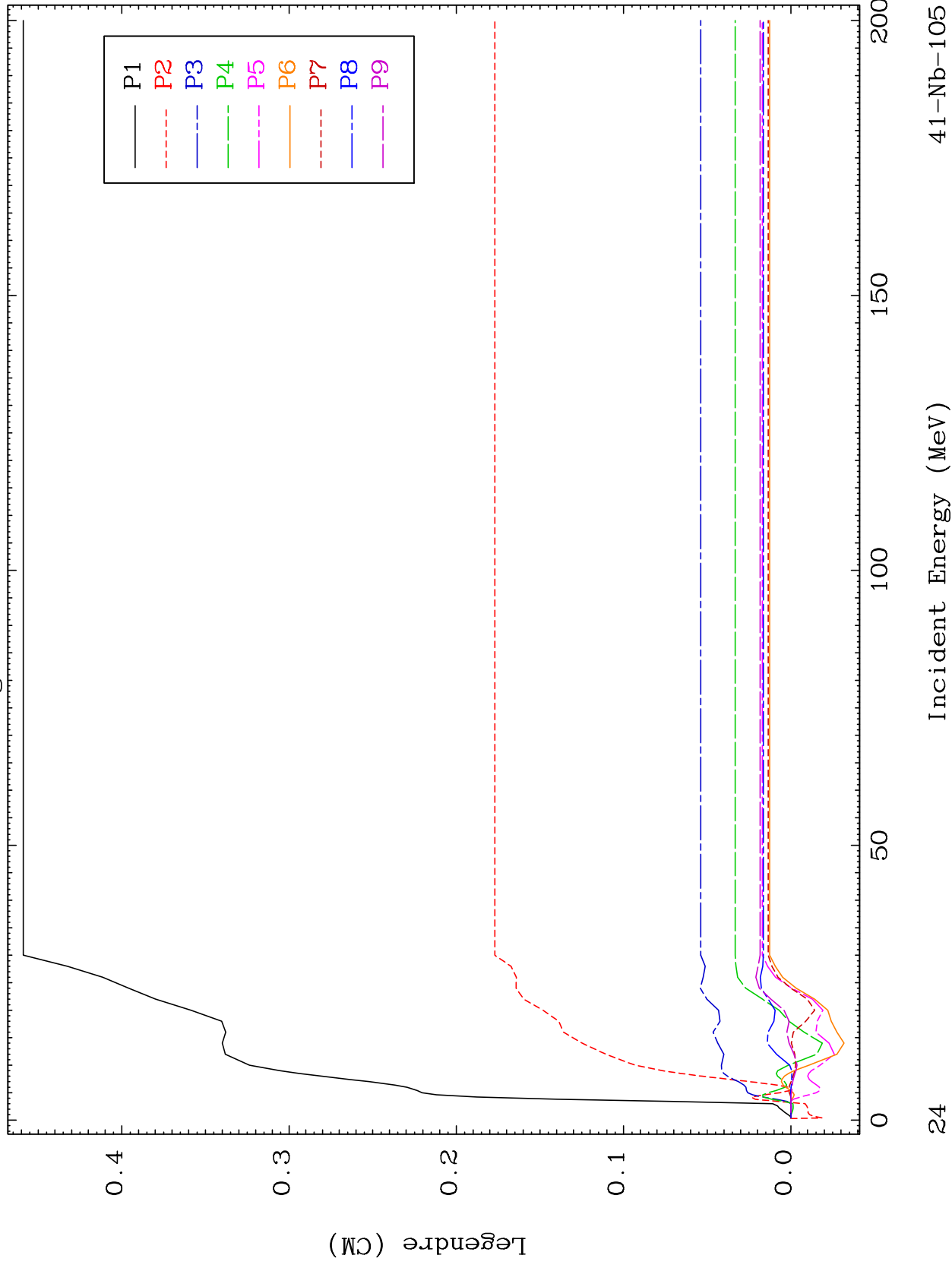


23

MAT 4161

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

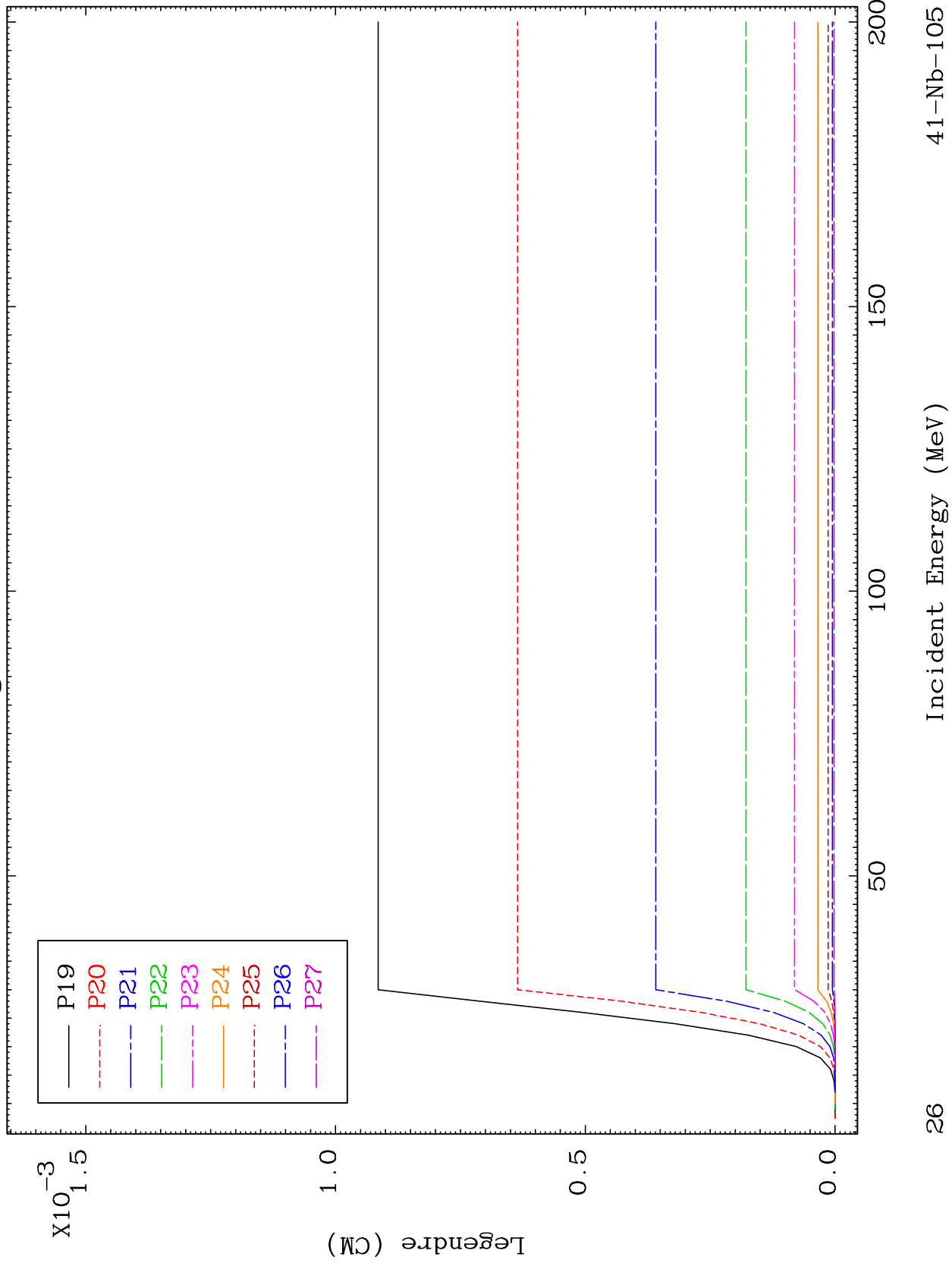
41-Nb-105



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Incident Energy (MeV)

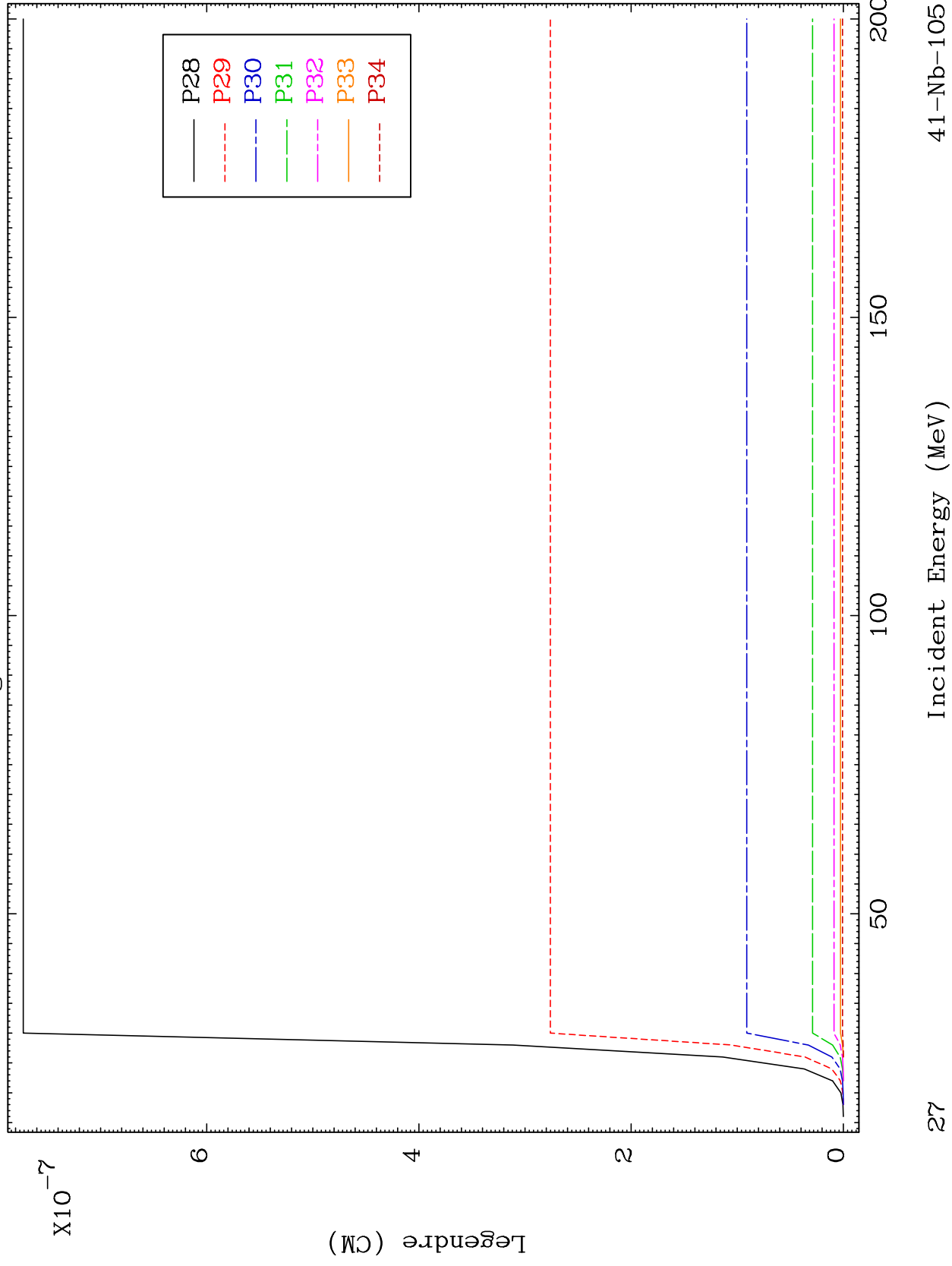
41-Nb-105



MAT 4161

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

41-Nb-105



27

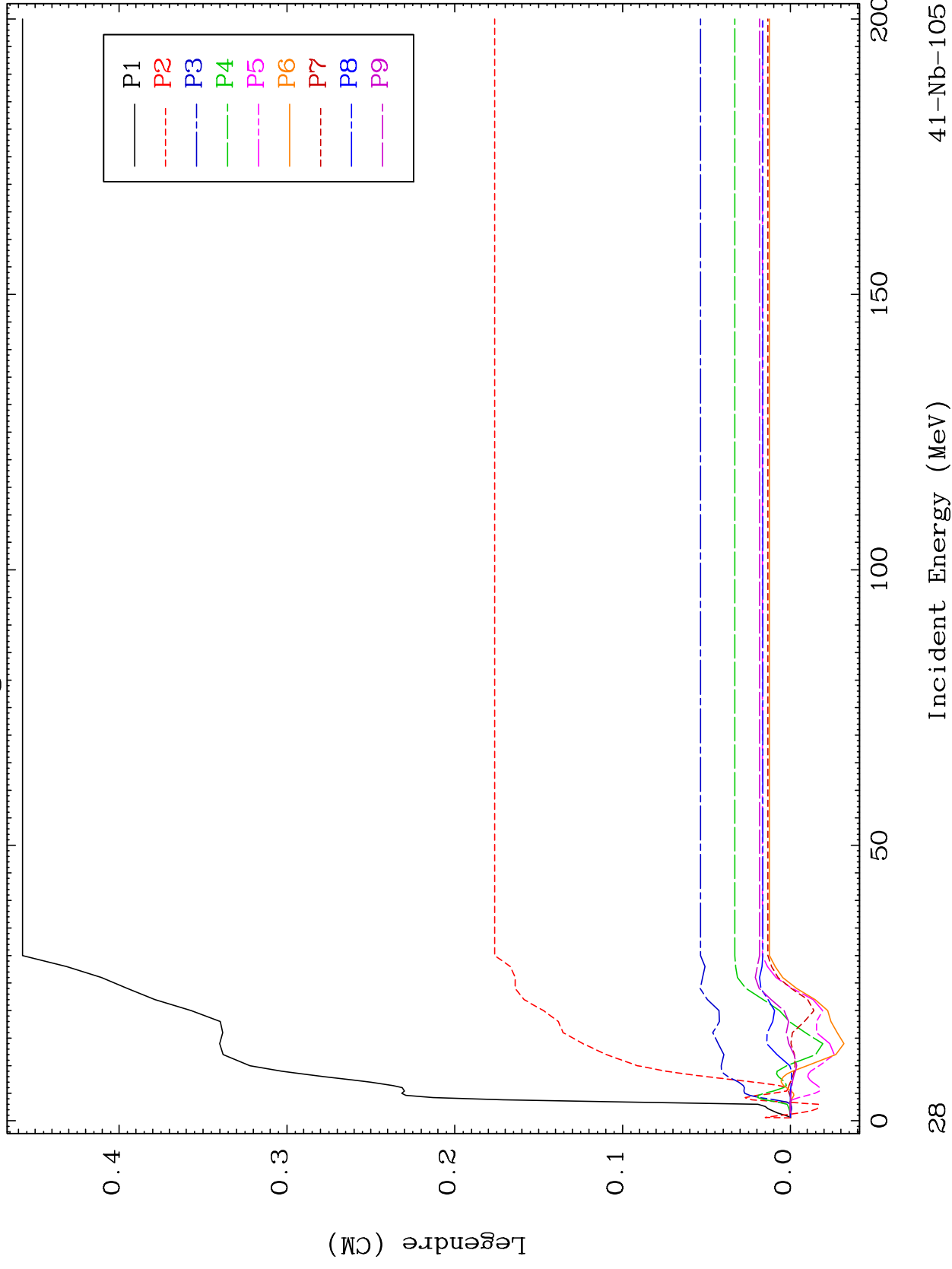
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



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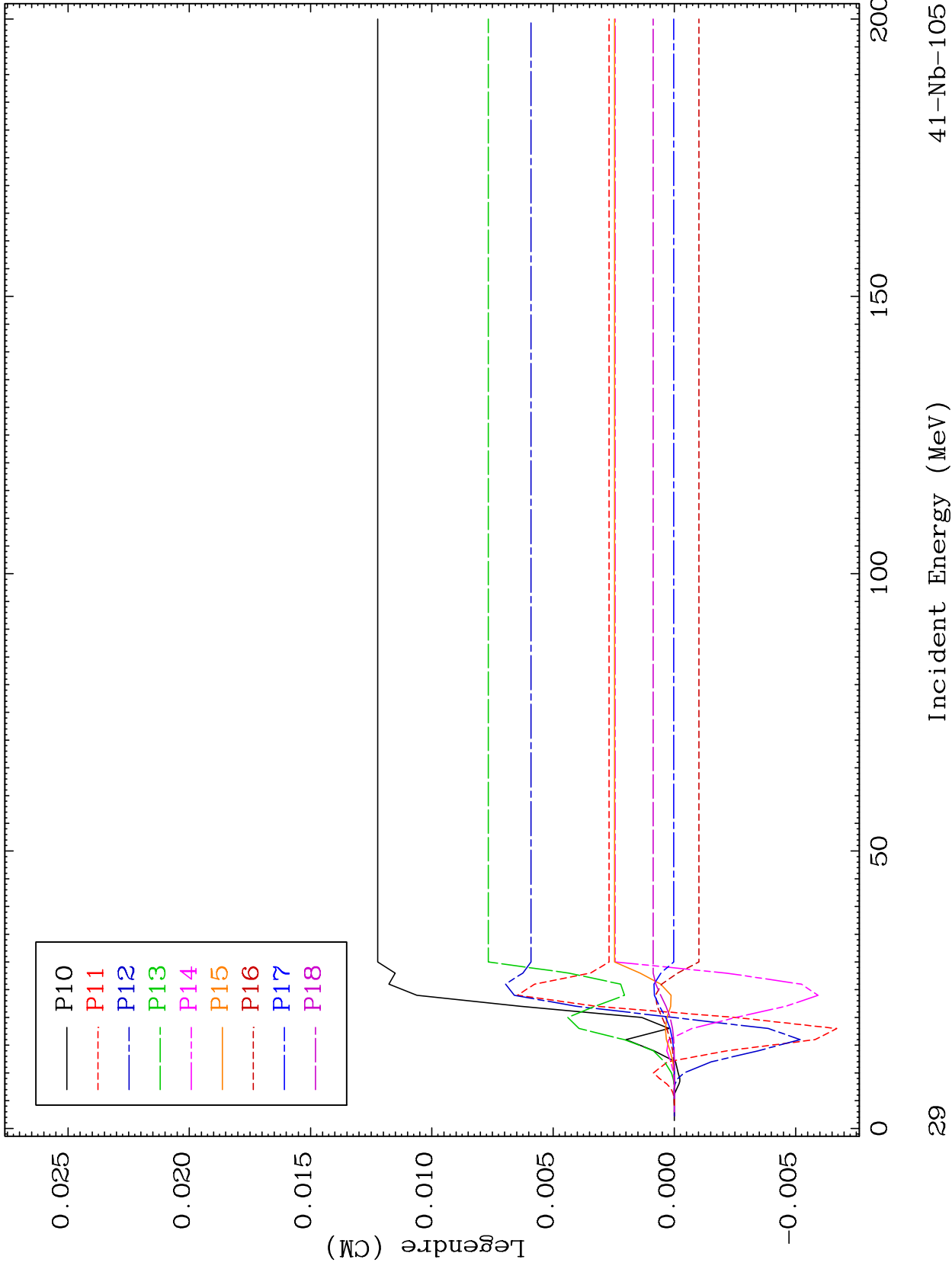
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



29

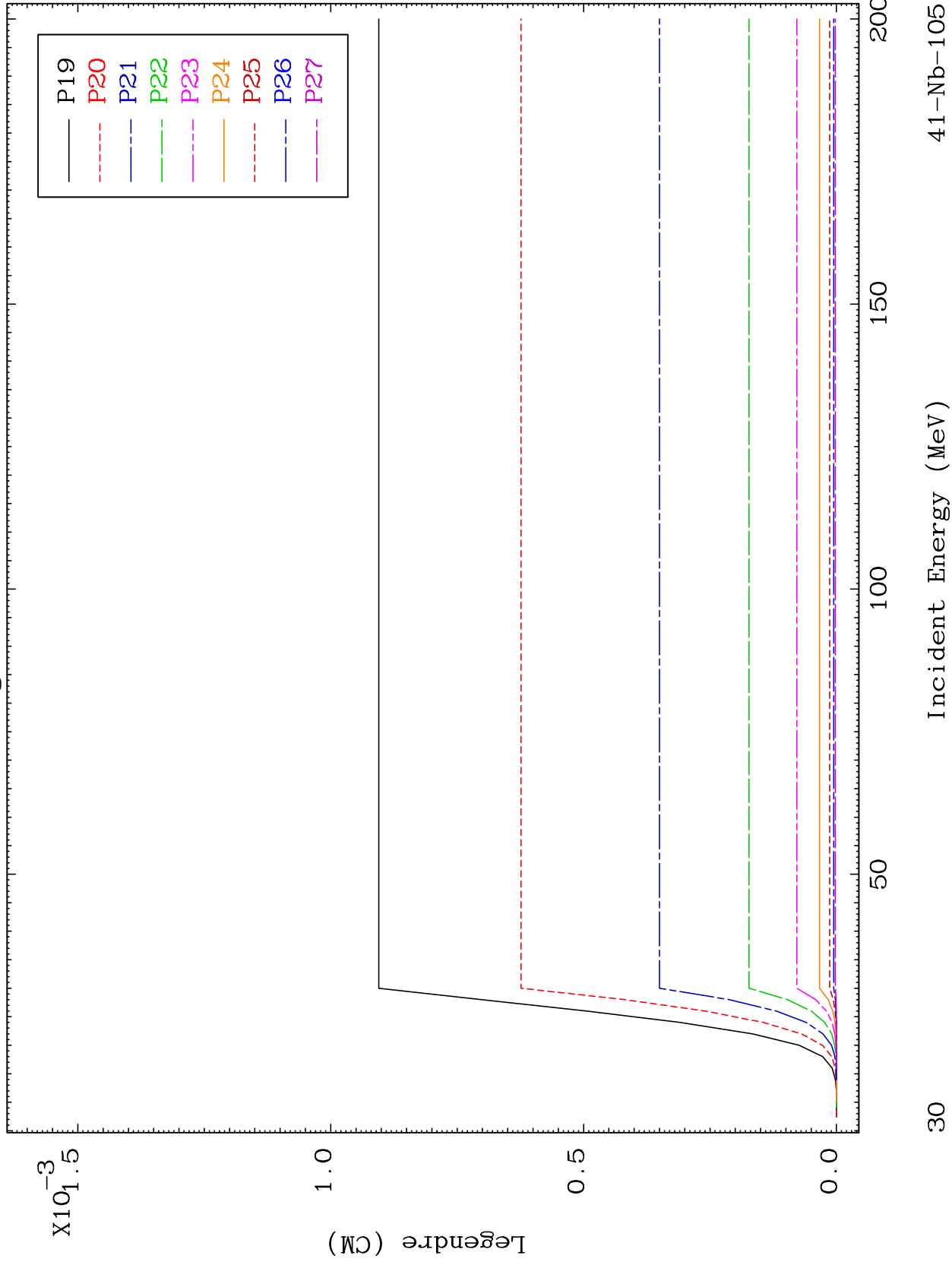
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



41-Nb-105

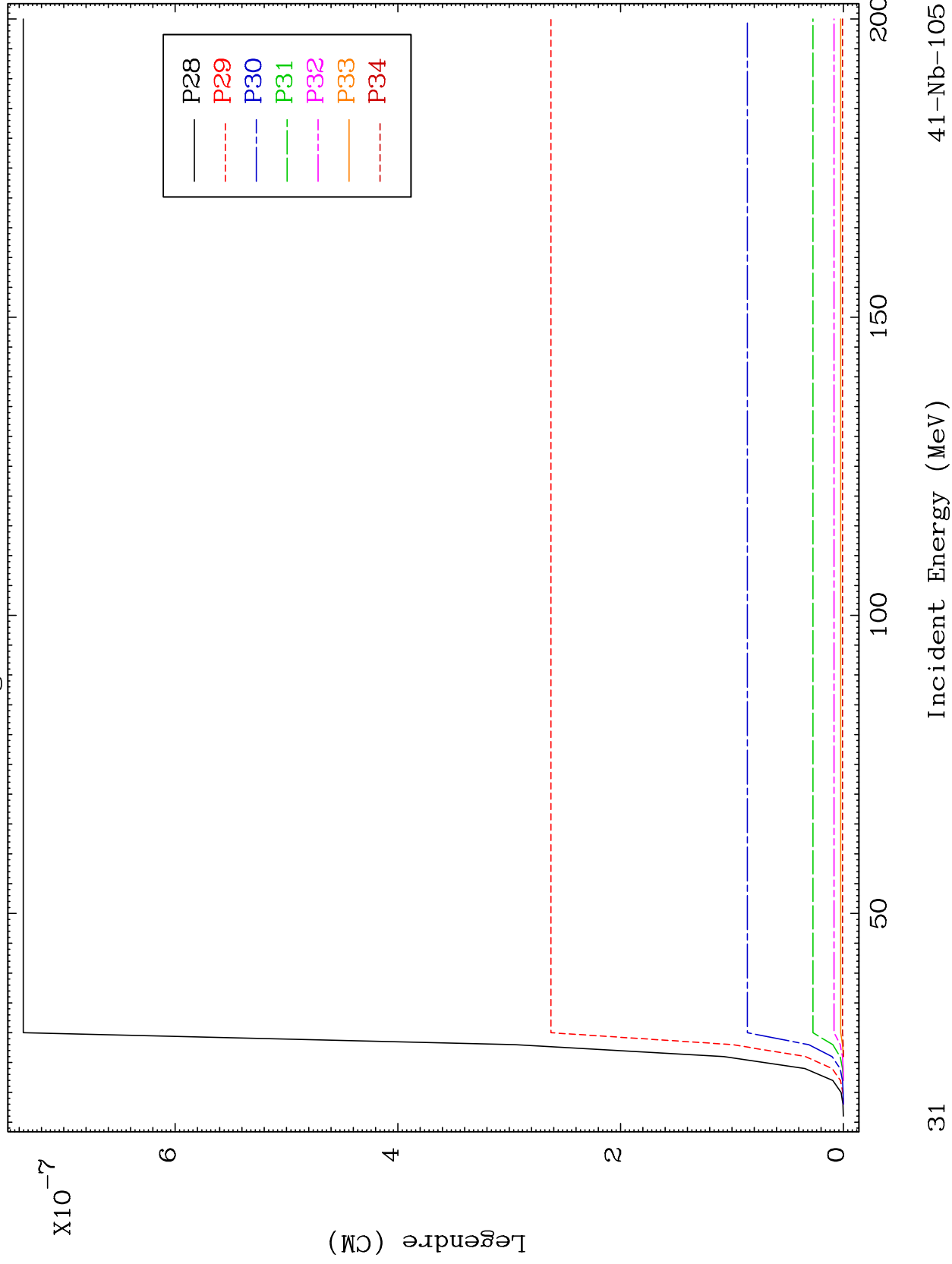
Incident Energy (MeV)

30

MAT 4161

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

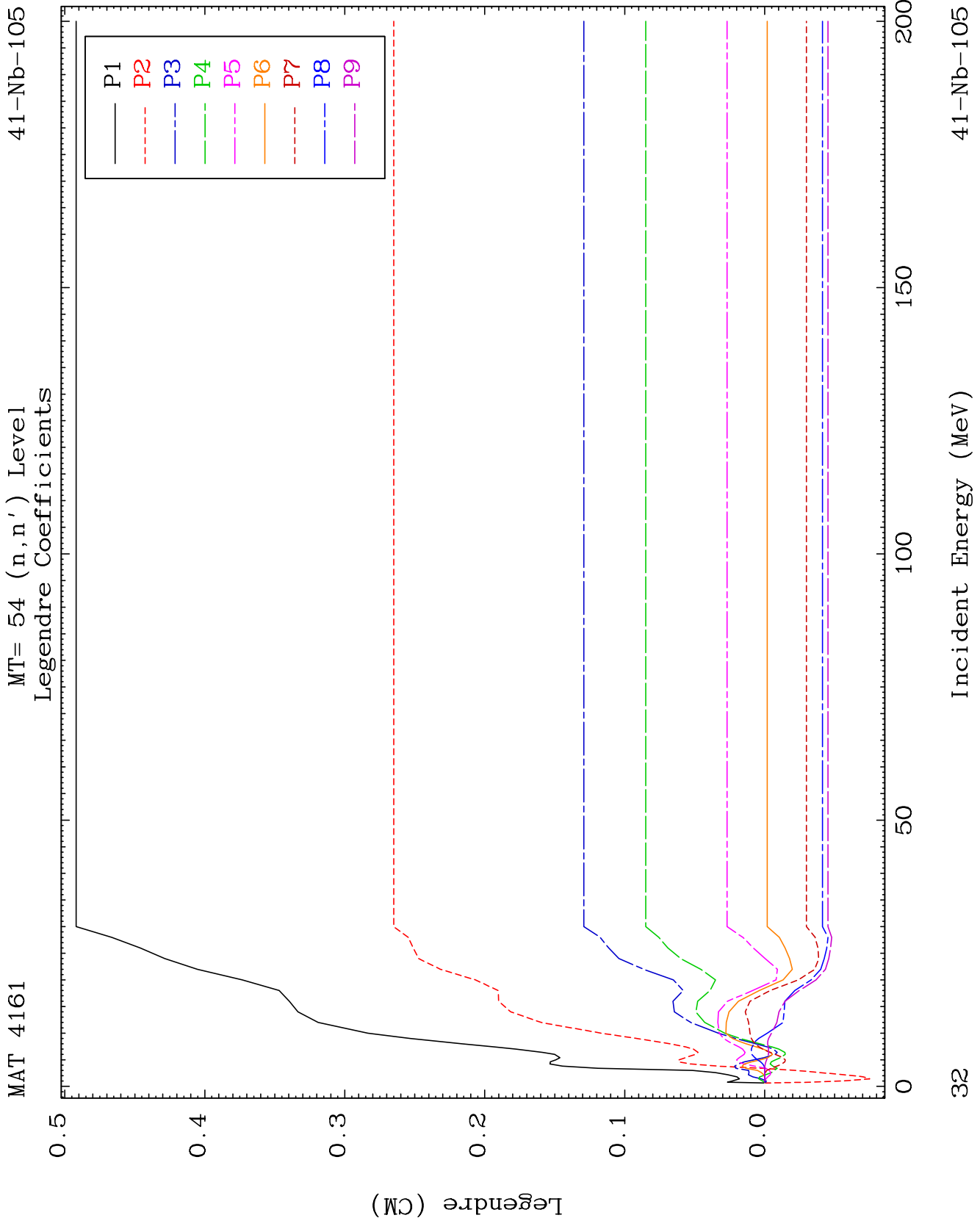
41-Nb-105



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Incident Energy (MeV)

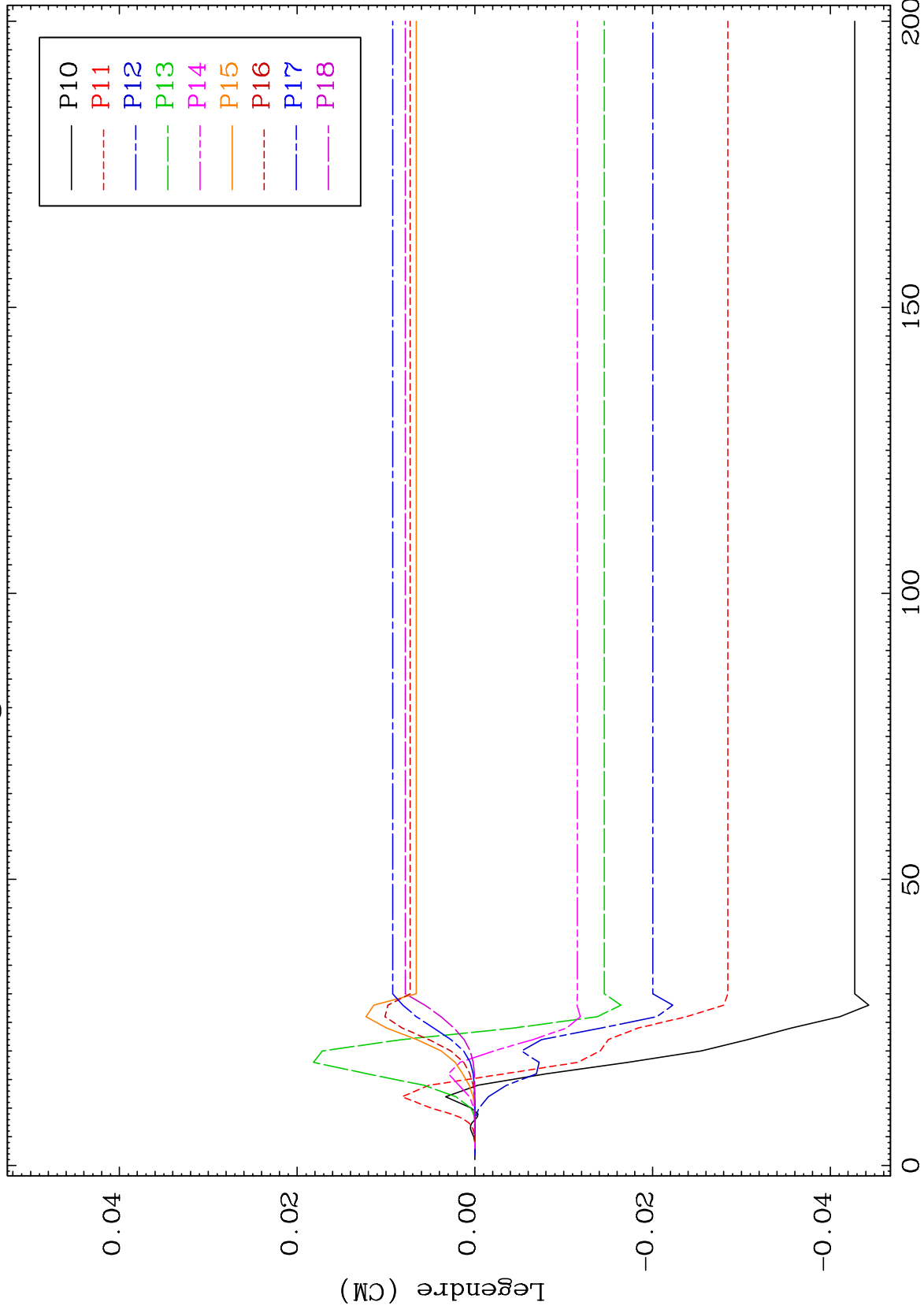
41-Nb-105



MAT 4161

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

41-Nb-105



33

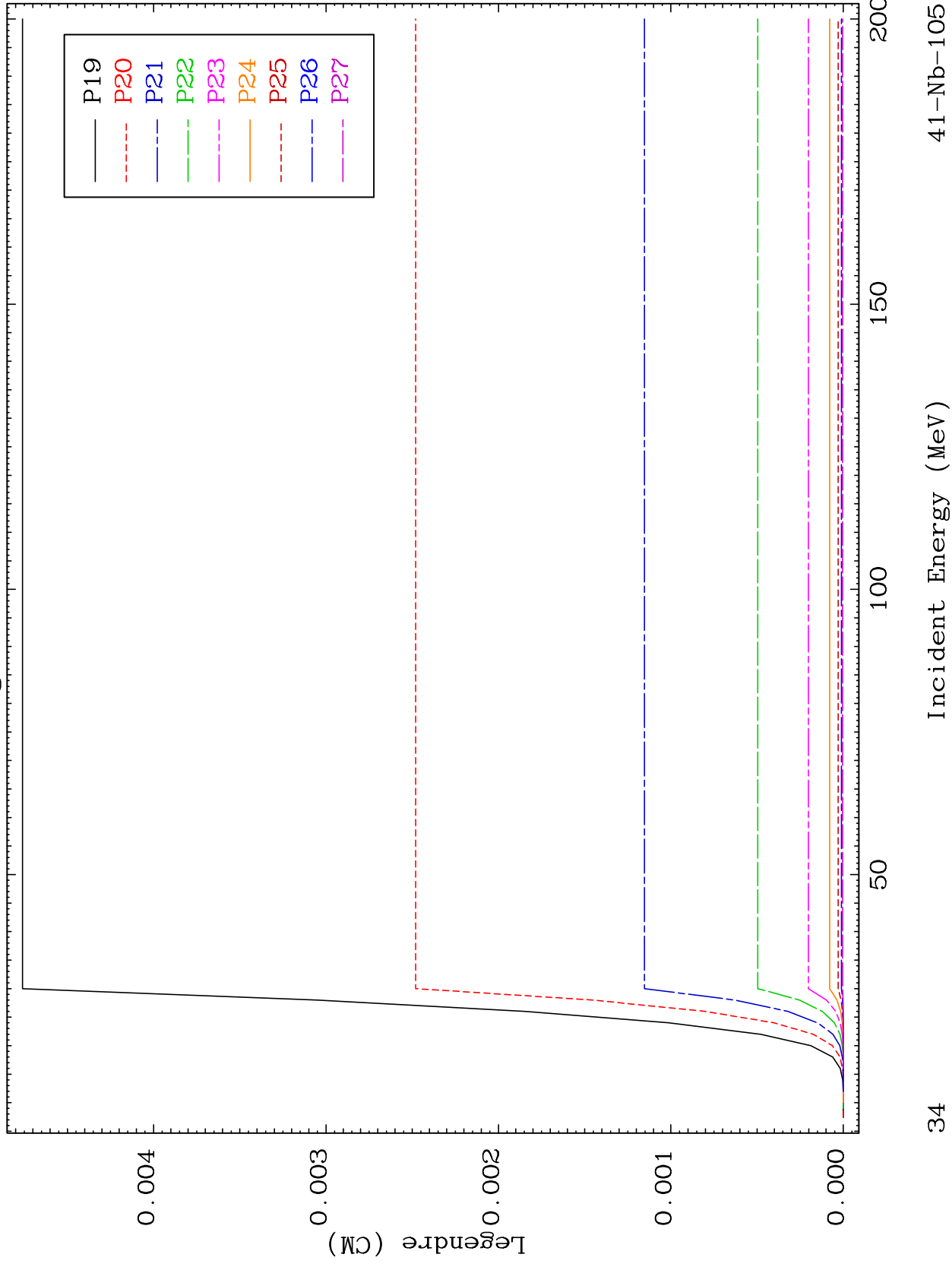
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105

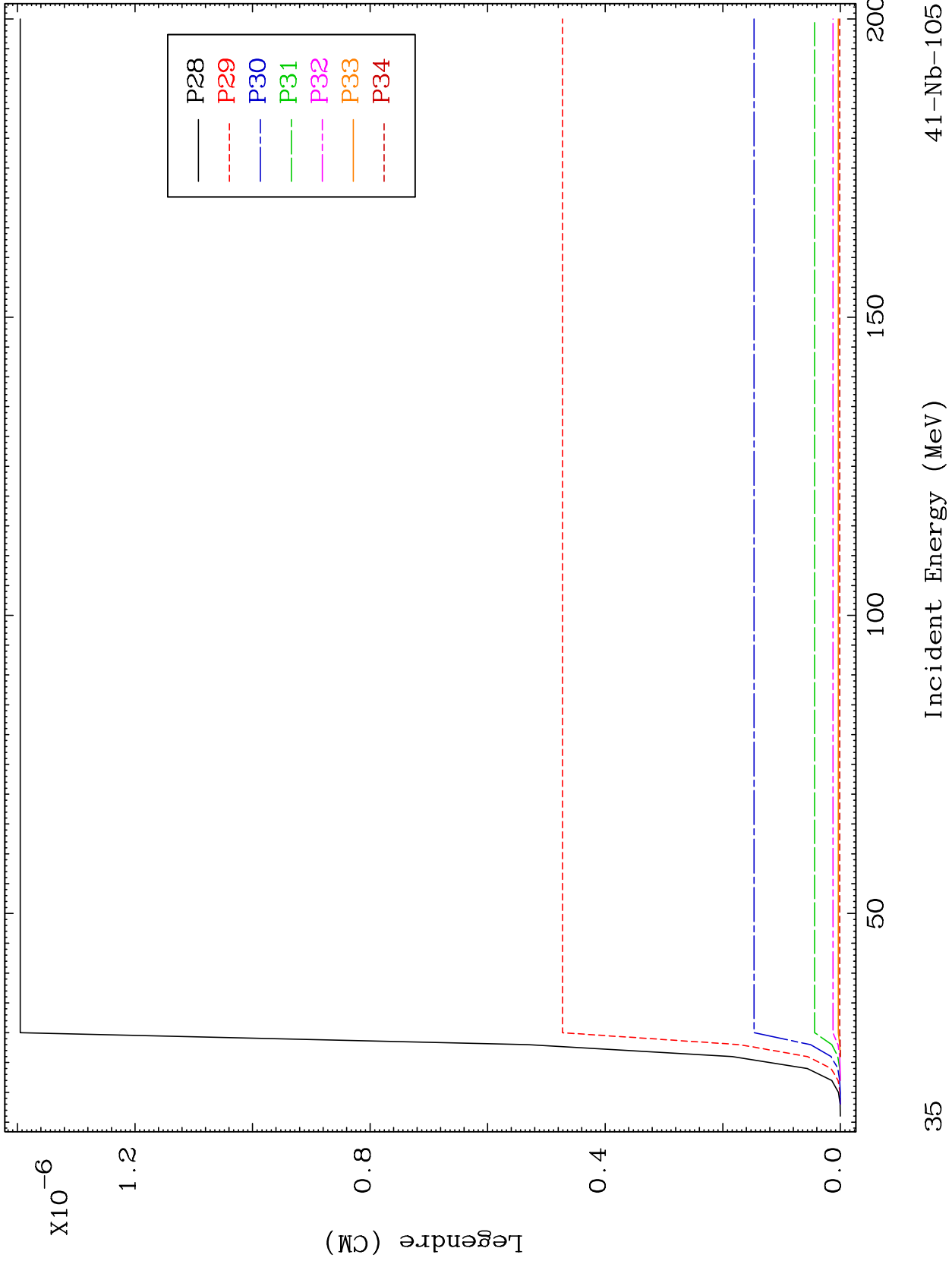


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MAT 4161

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

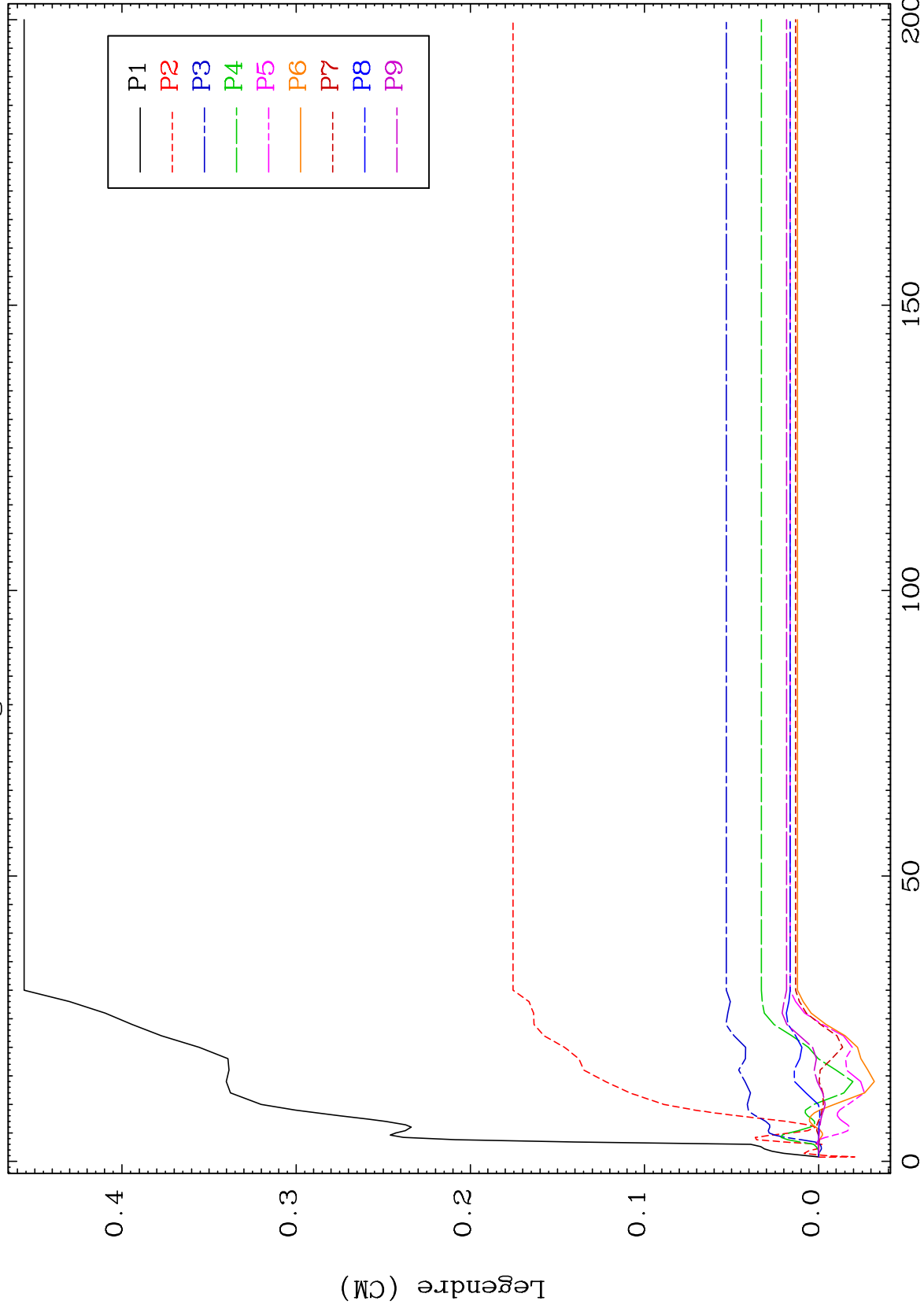
41-Nb-105



MAT 4161

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

41-Nb-105



36

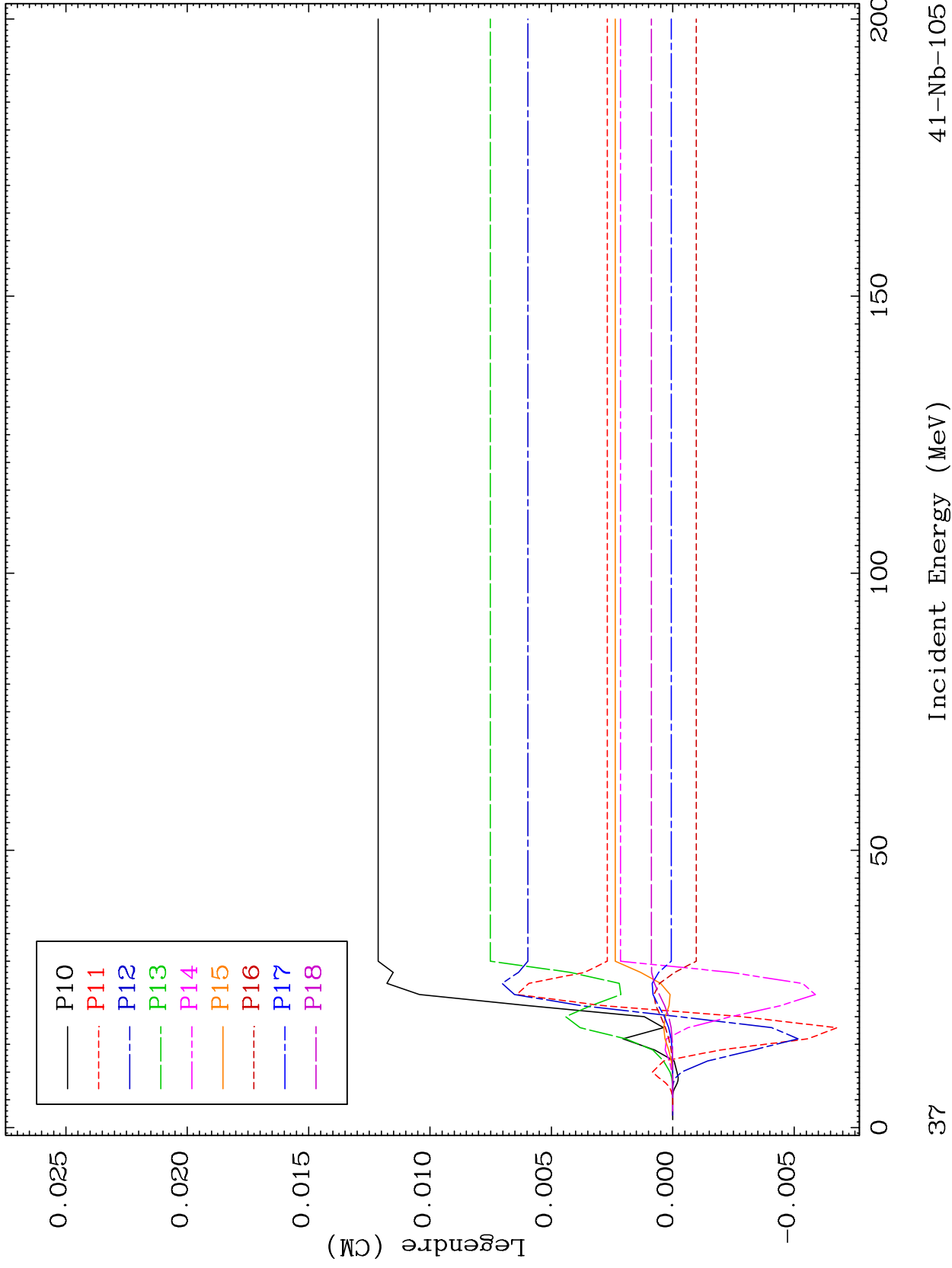
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



37

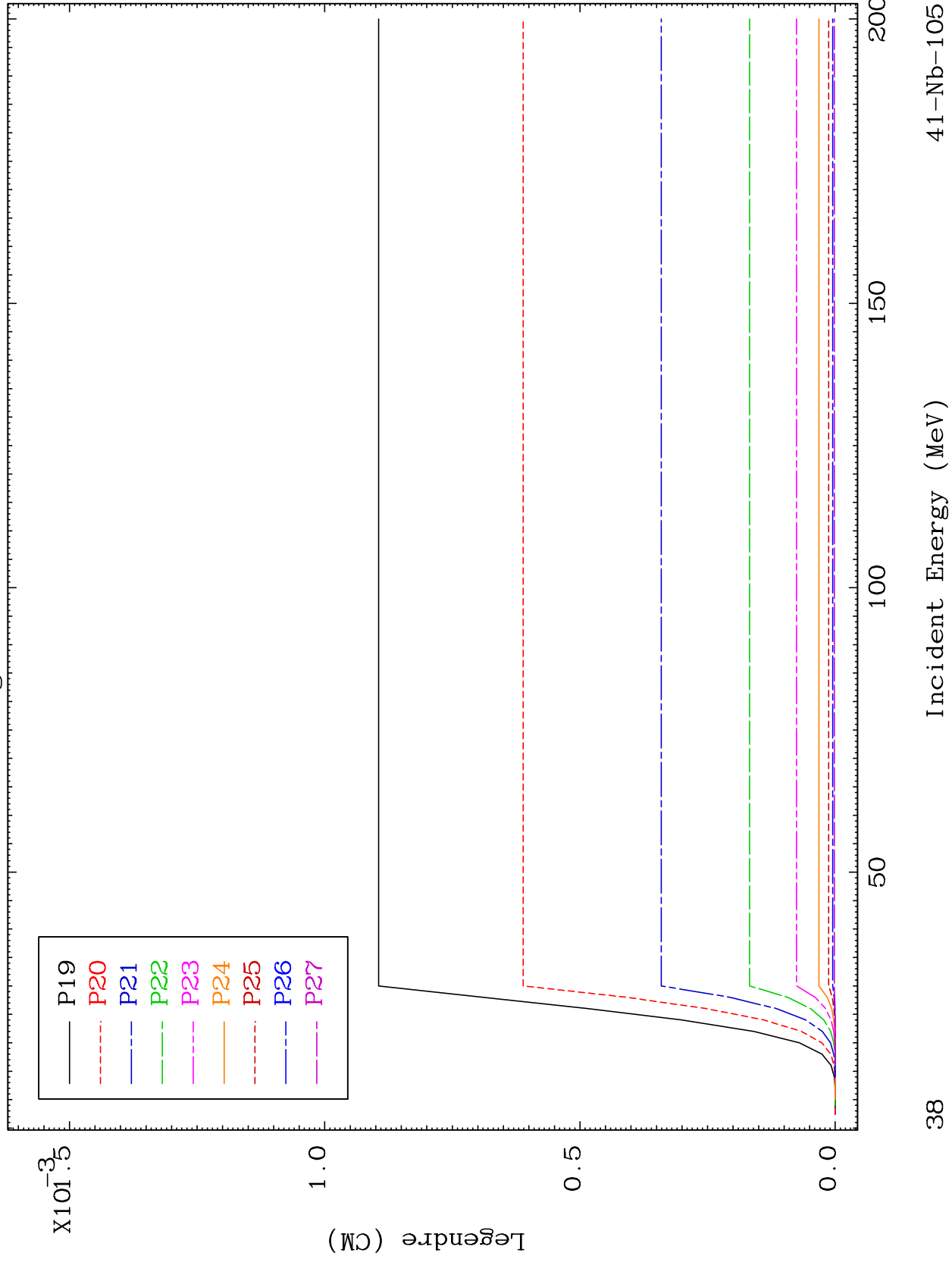
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



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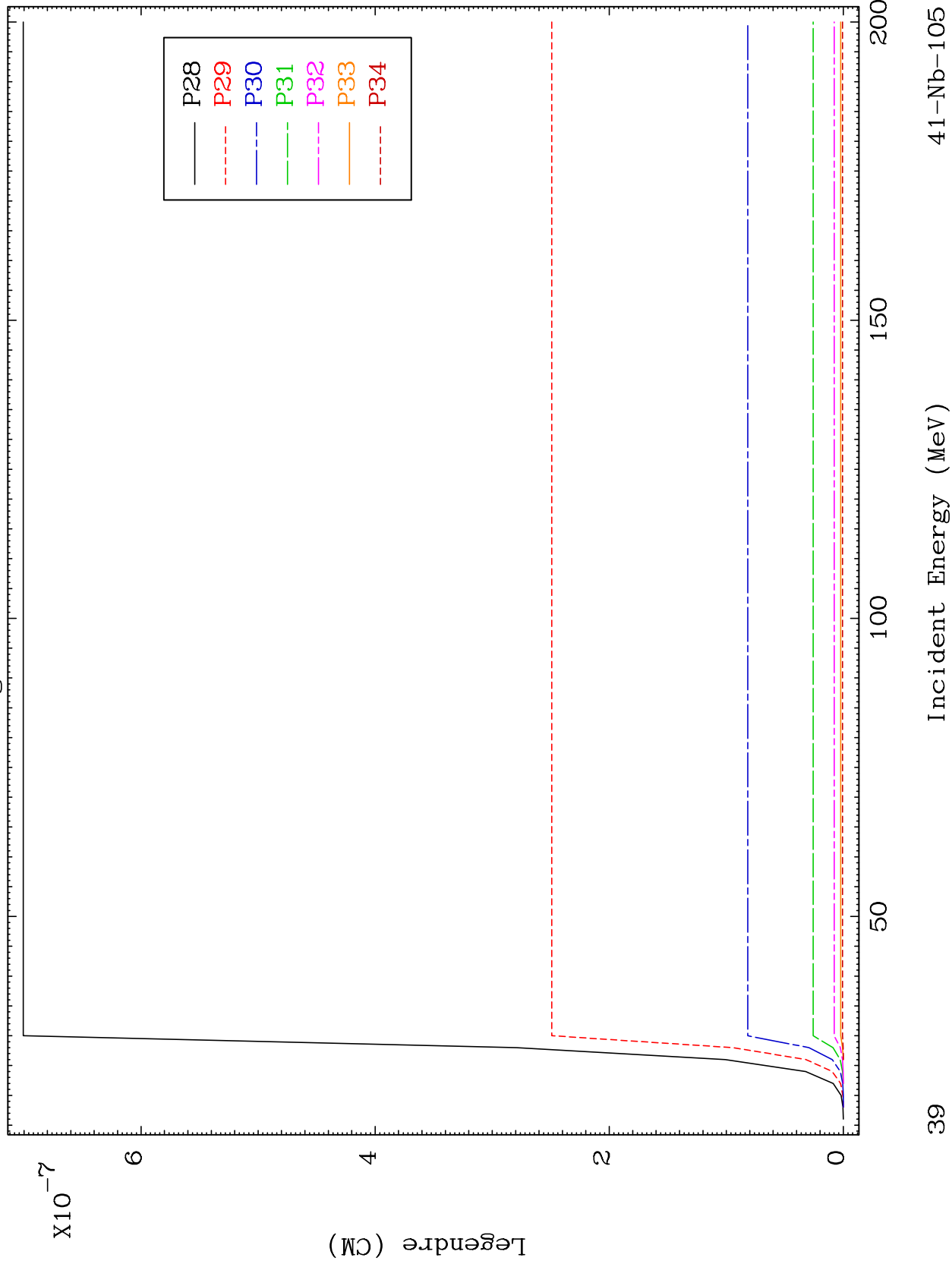
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



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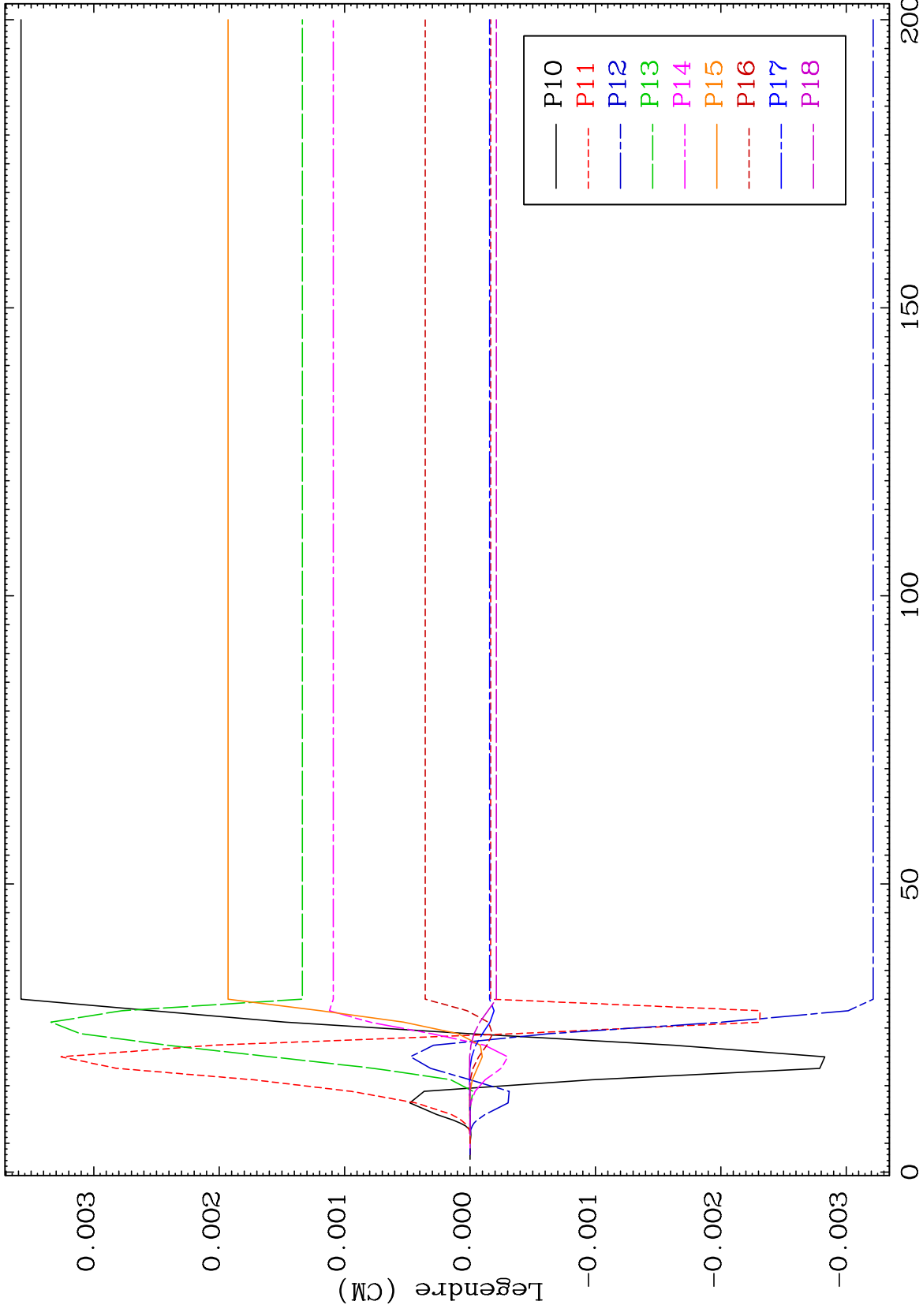
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



41

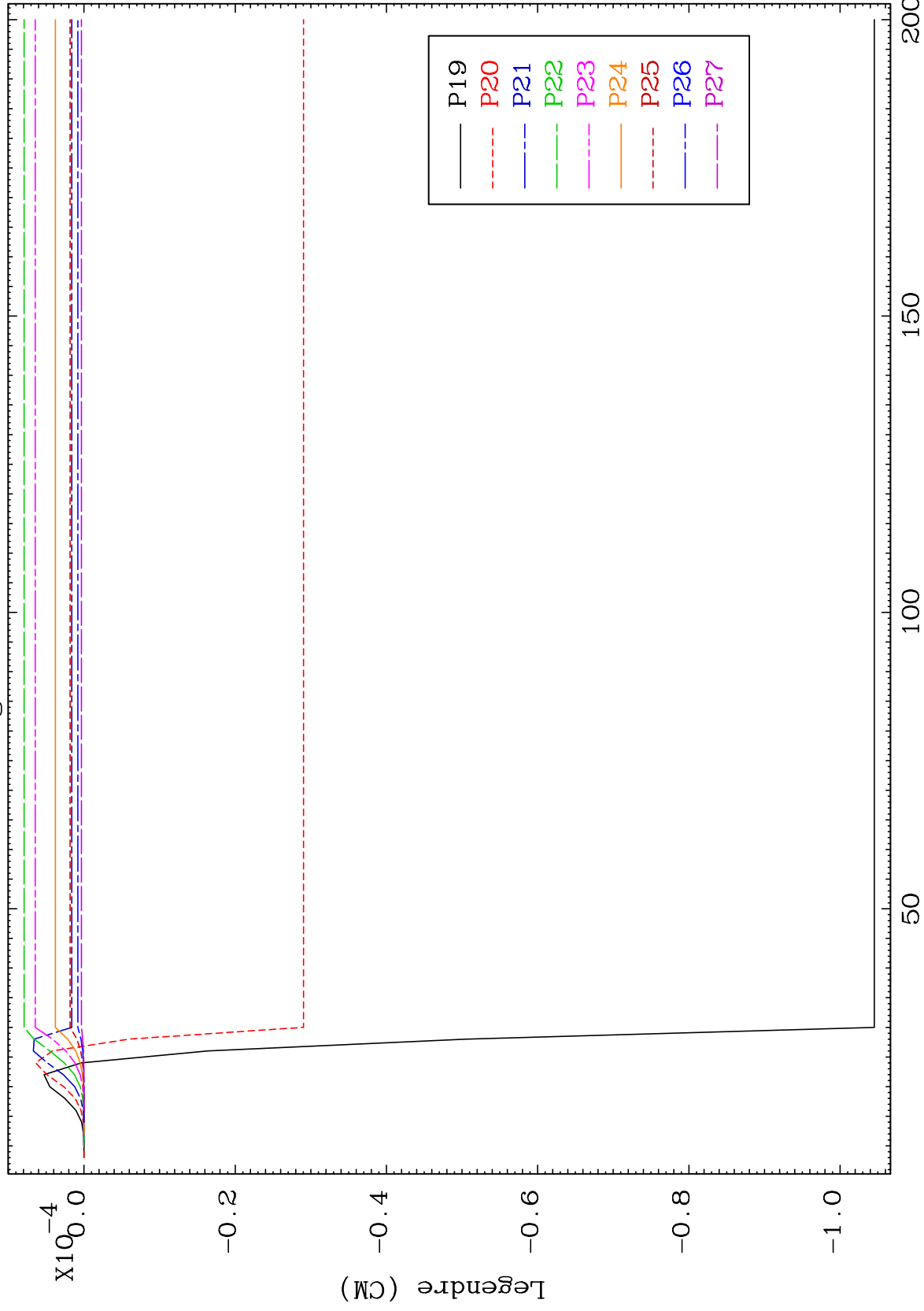
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

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



42

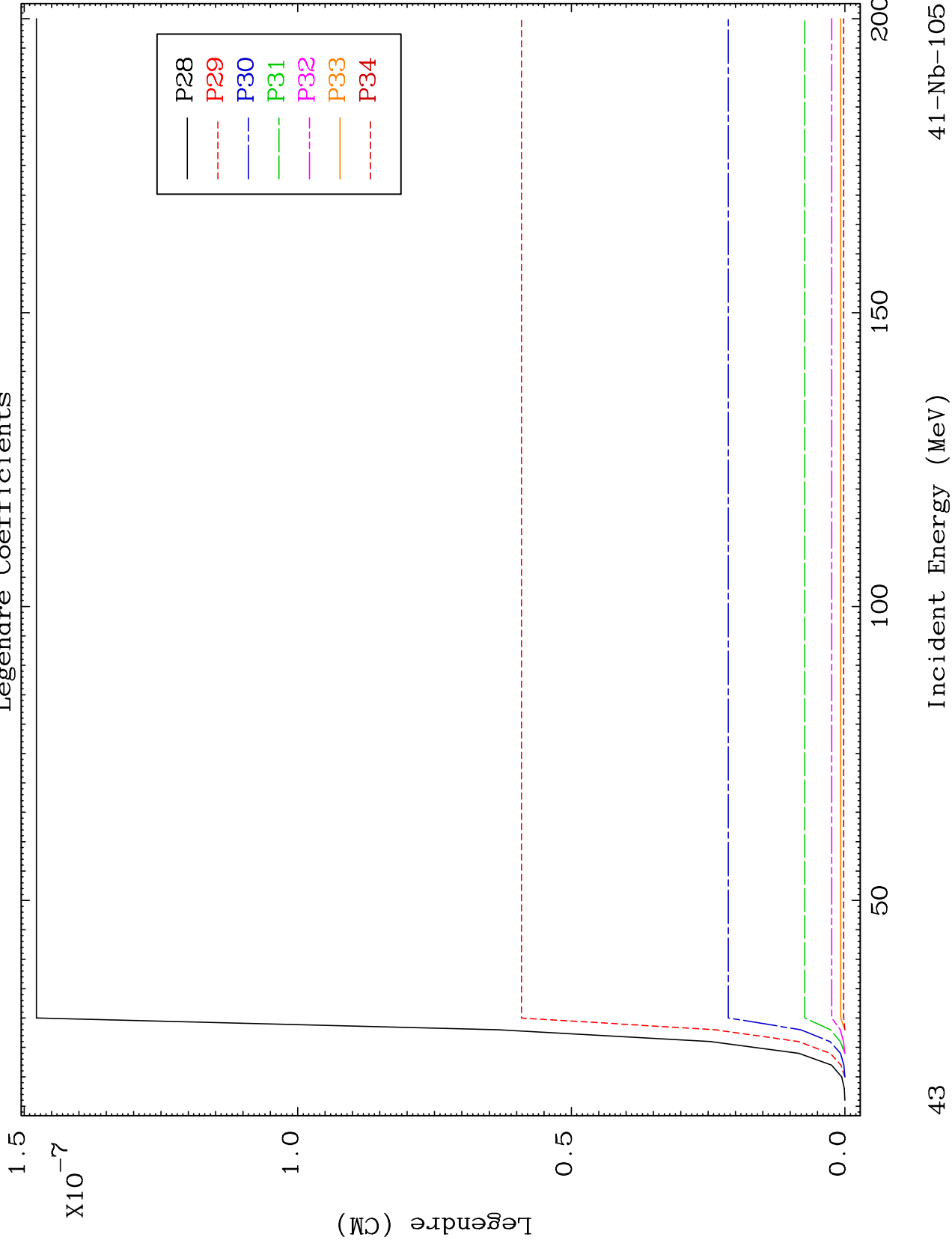
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

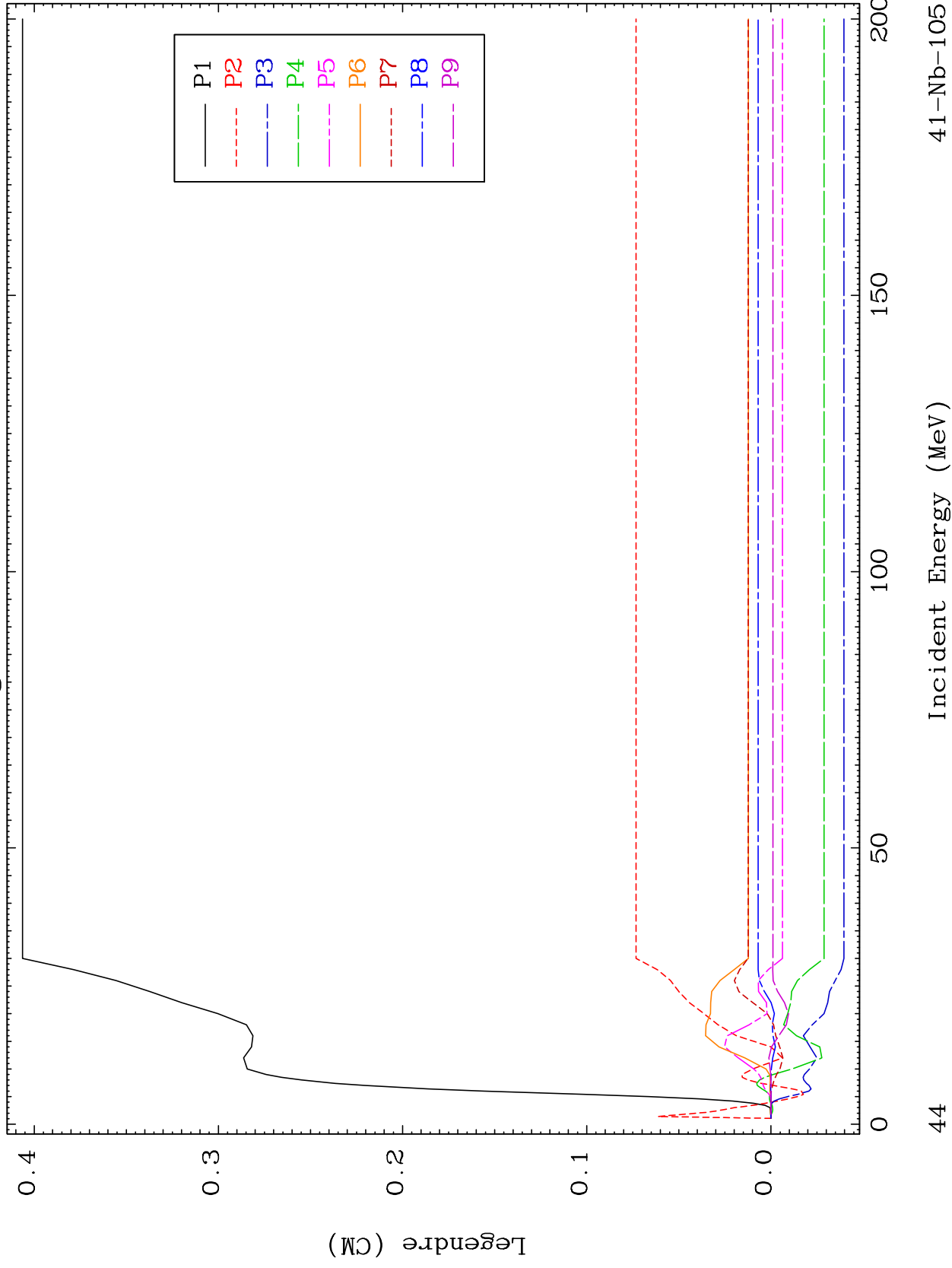
41-Nb-105



MAT 4161

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

41-Nb-105



41-Nb-105

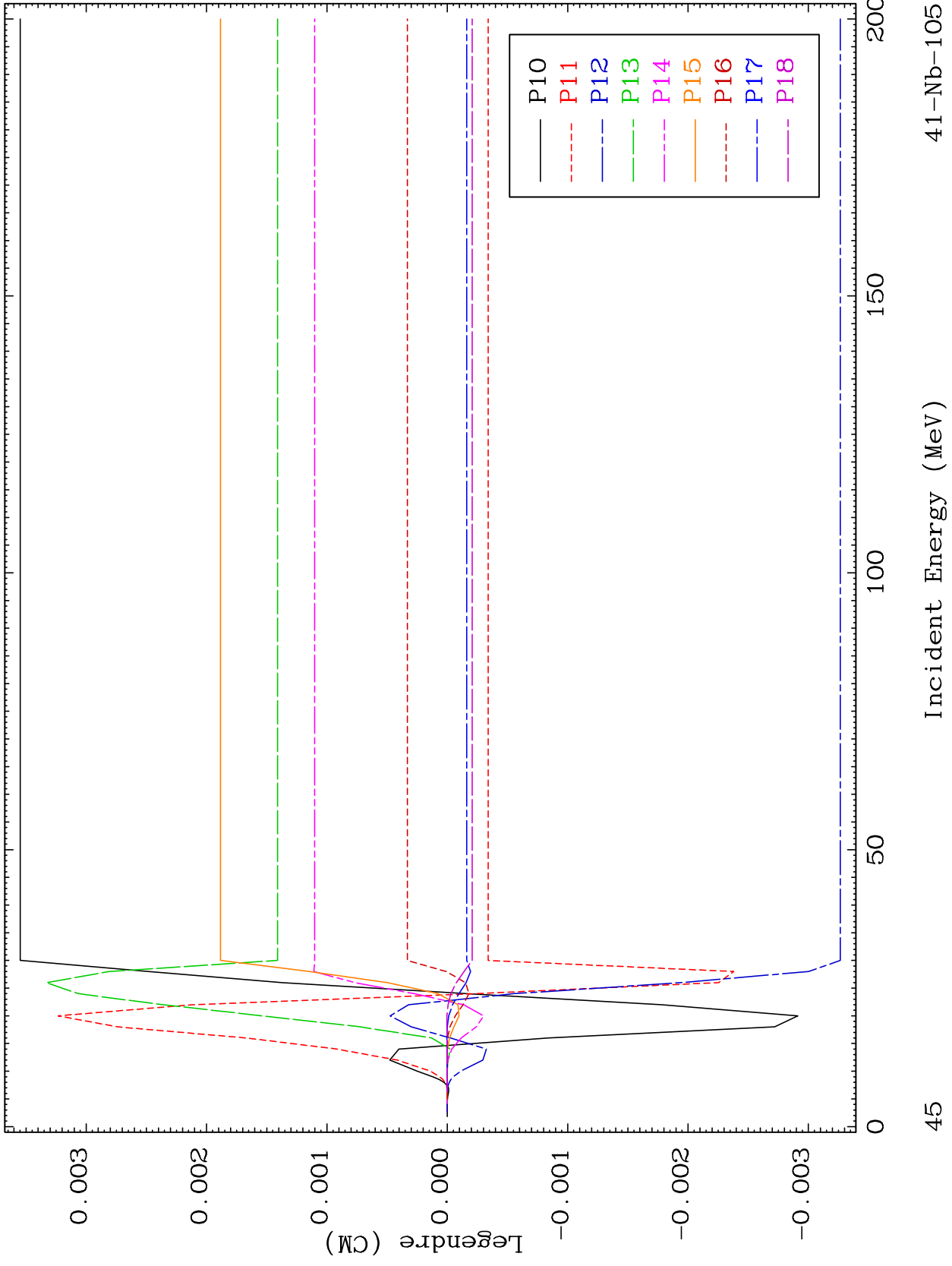
Incident Energy (MeV)

44

MAT 4161

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

41-Nb-105



45

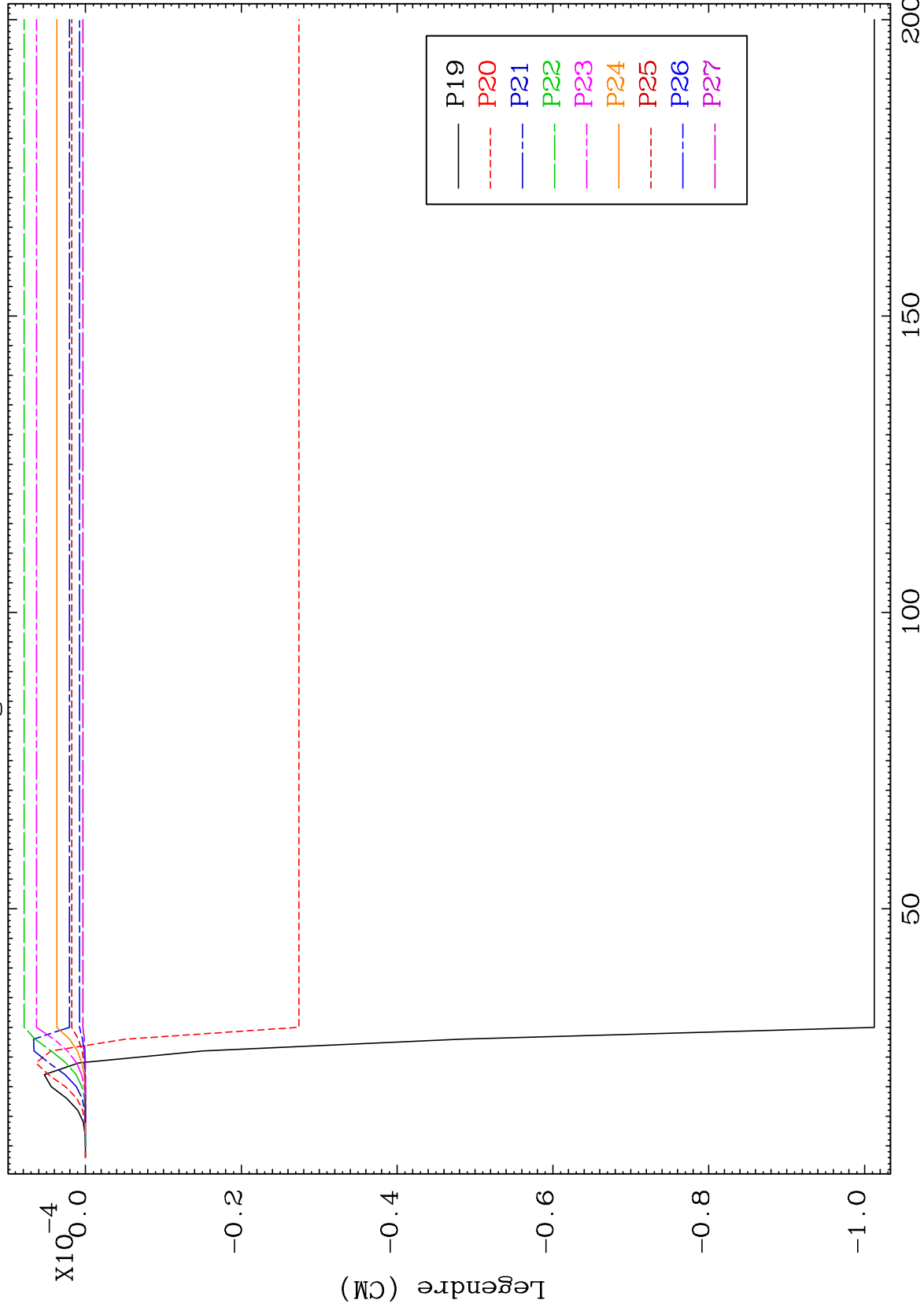
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



46

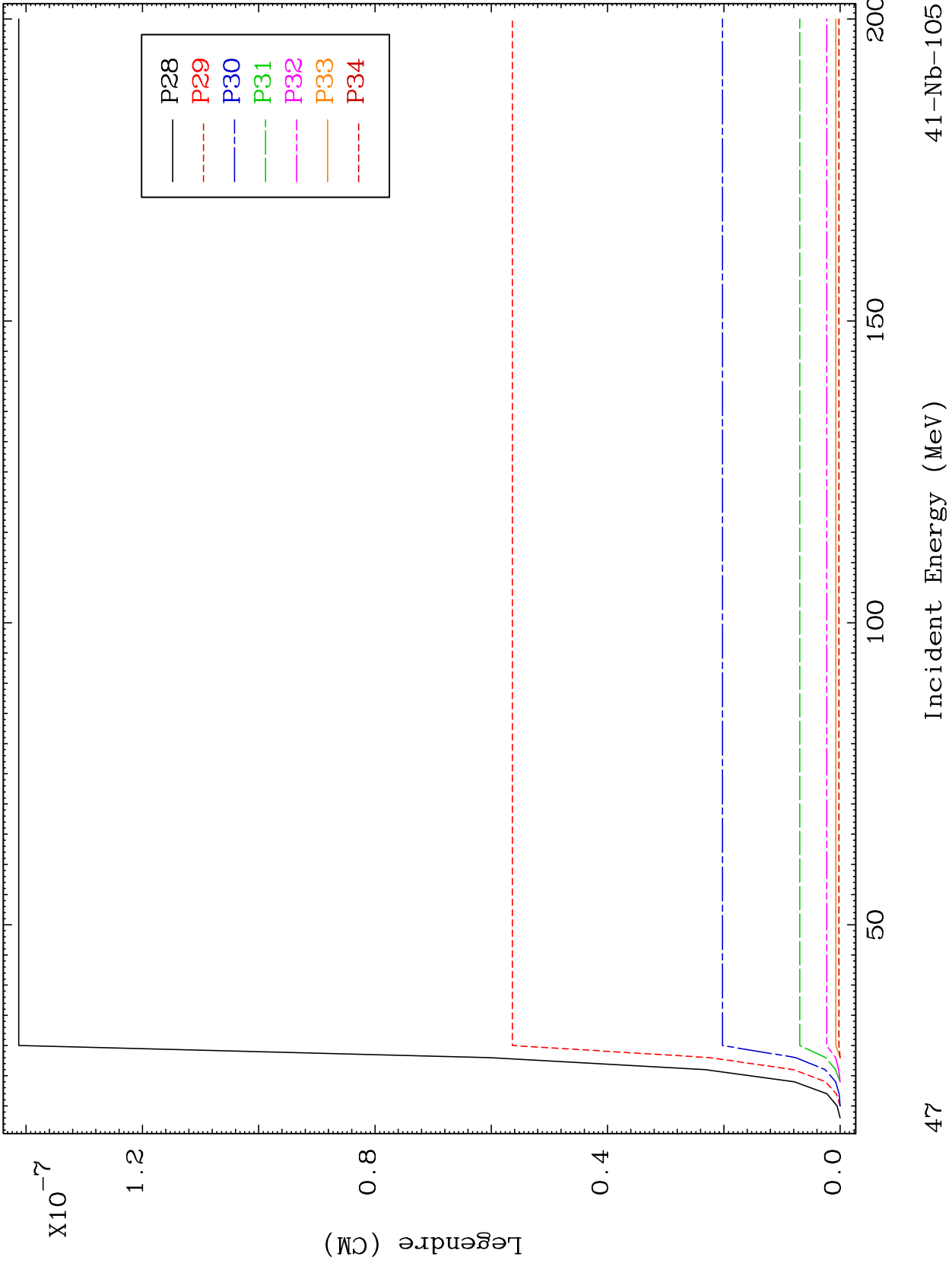
Incident Energy (MeV)

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MAT 4161

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

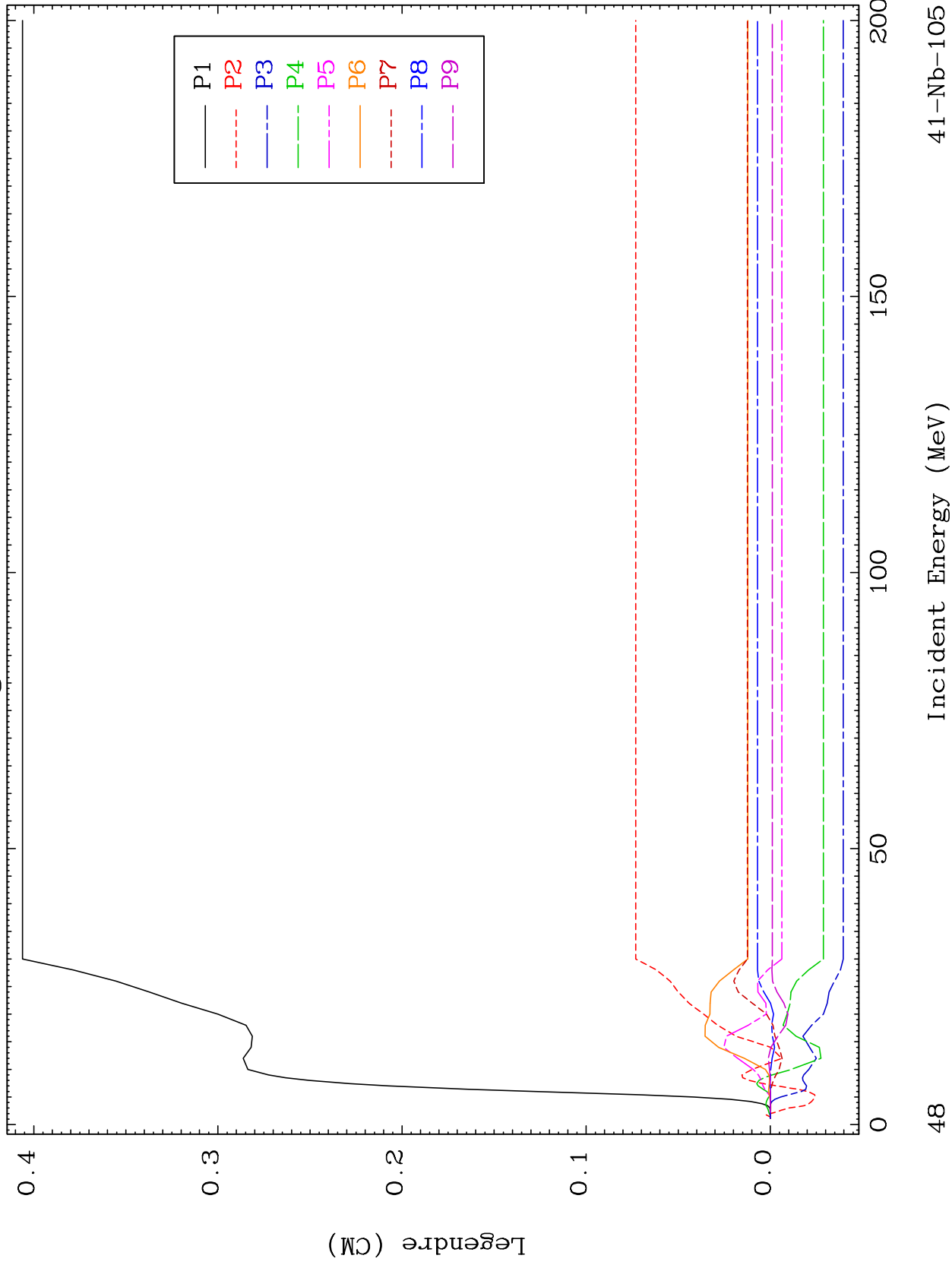
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MAT 4161

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

41-Nb-105



41-Nb-105

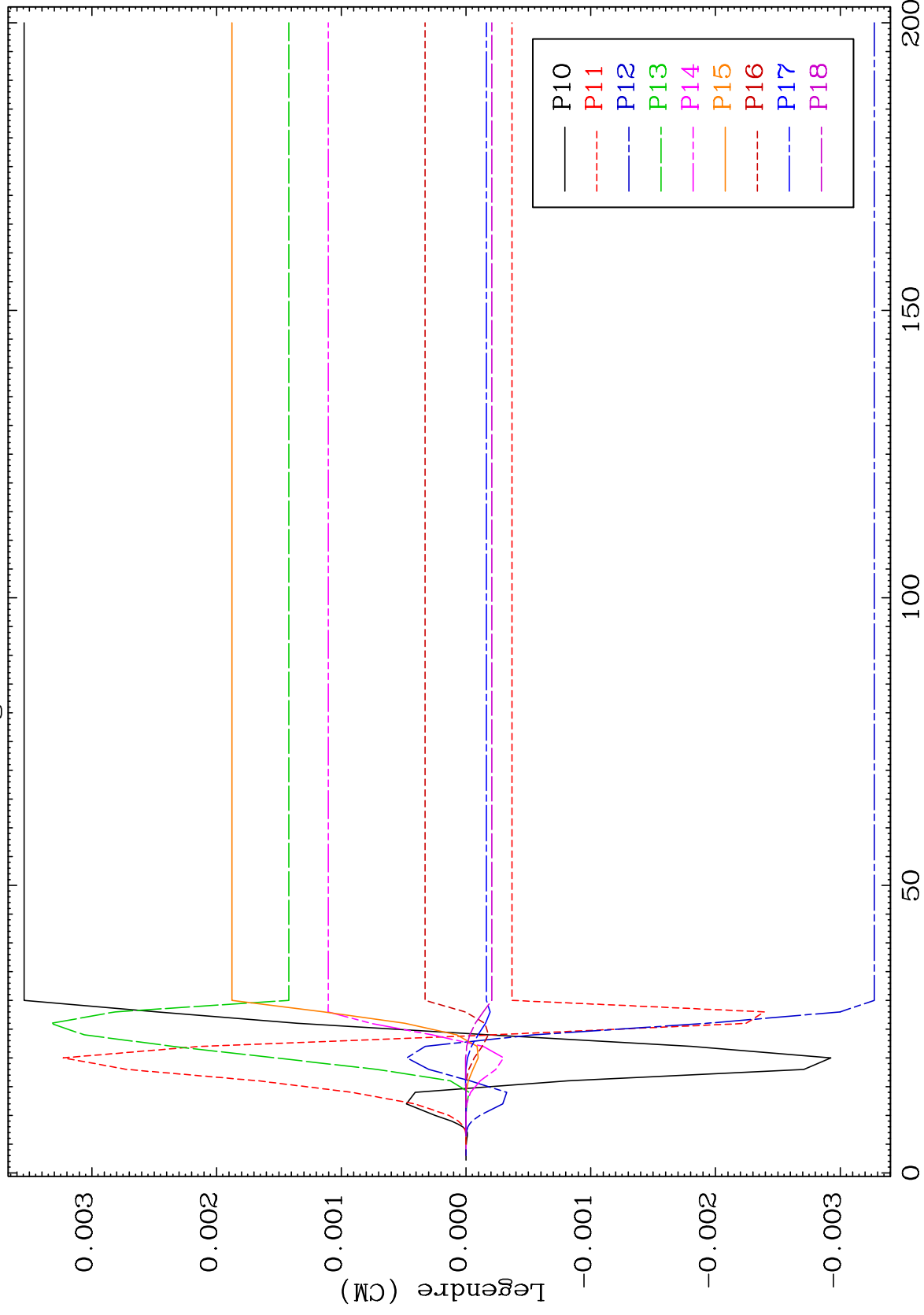
Incident Energy (MeV)

48

MAT 4161

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

41-Nb-105



49

Incident Energy (MeV)

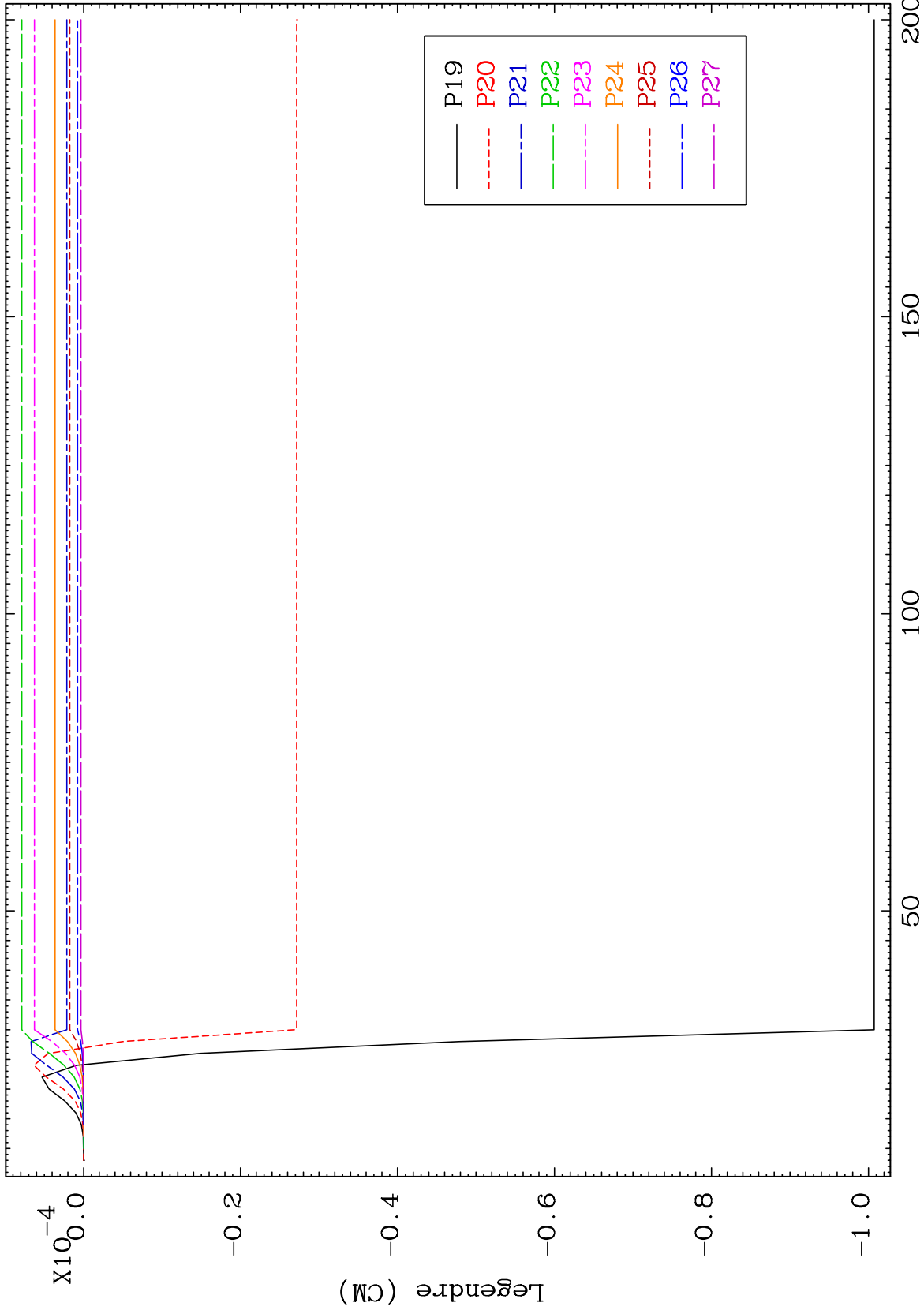
41-Nb-105

MAT 4161

MT= 58 (n,n') Level

41-Nb-105

Legendre Coefficients



50

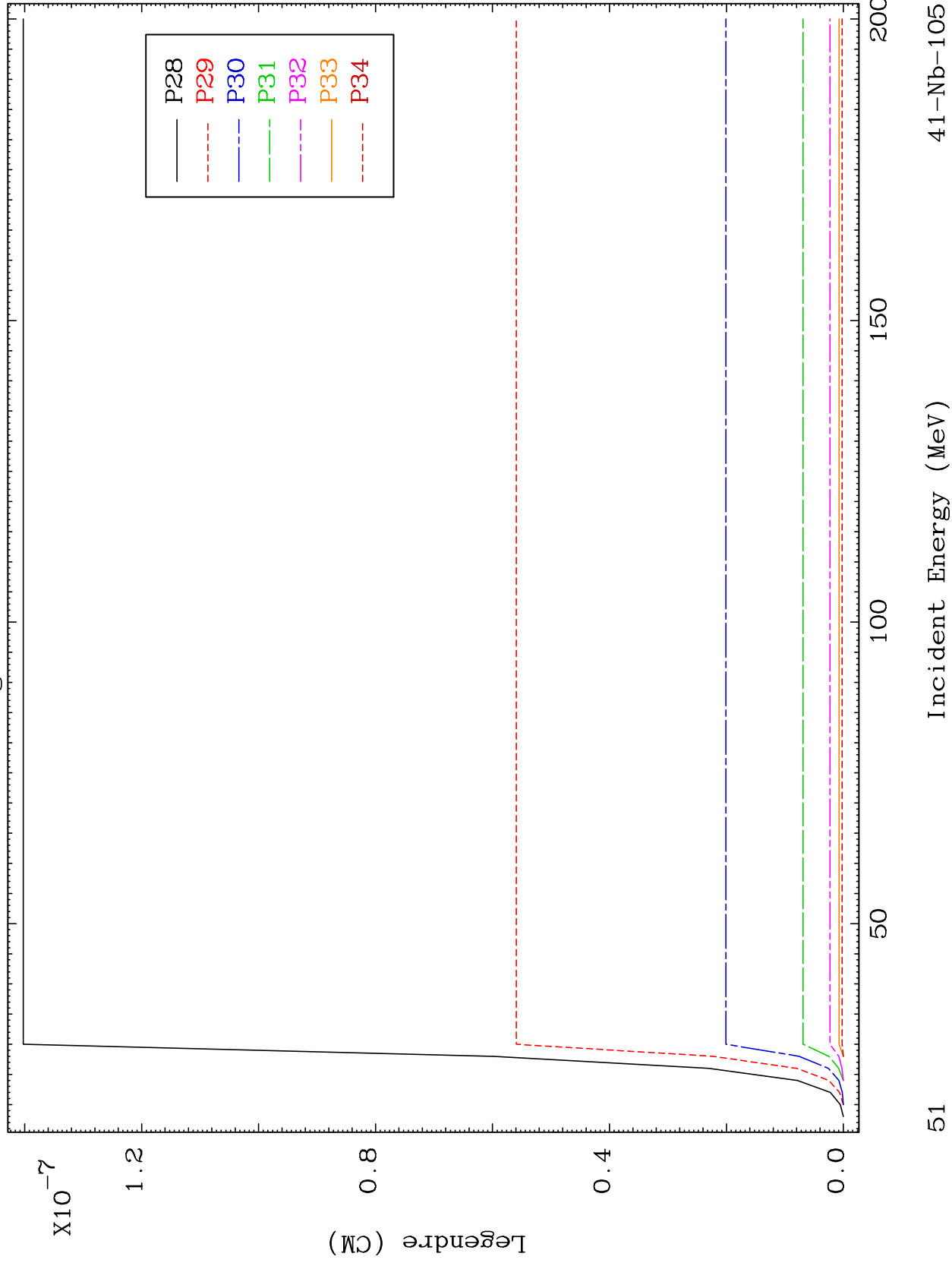
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



51

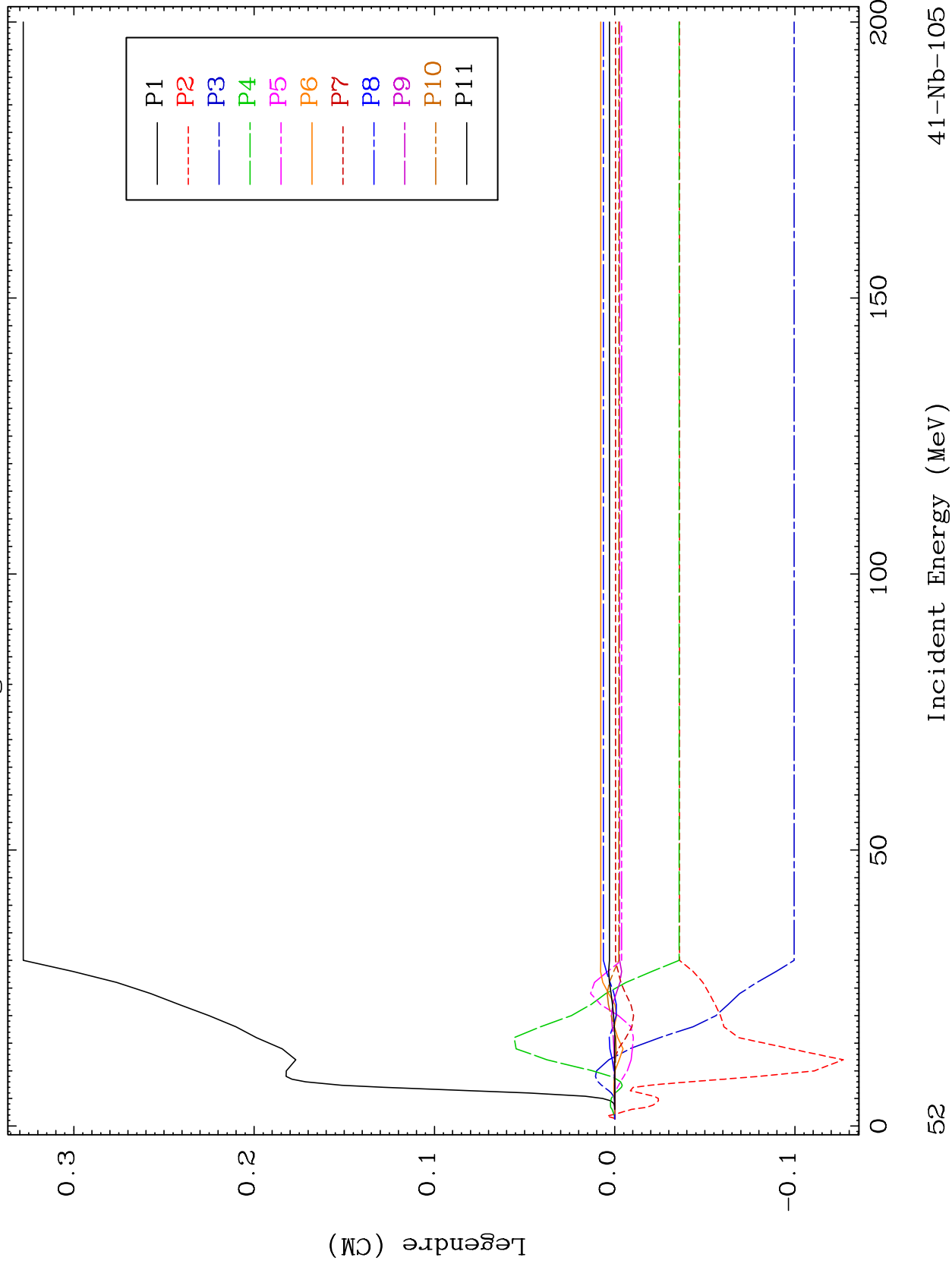
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



41-Nb-105

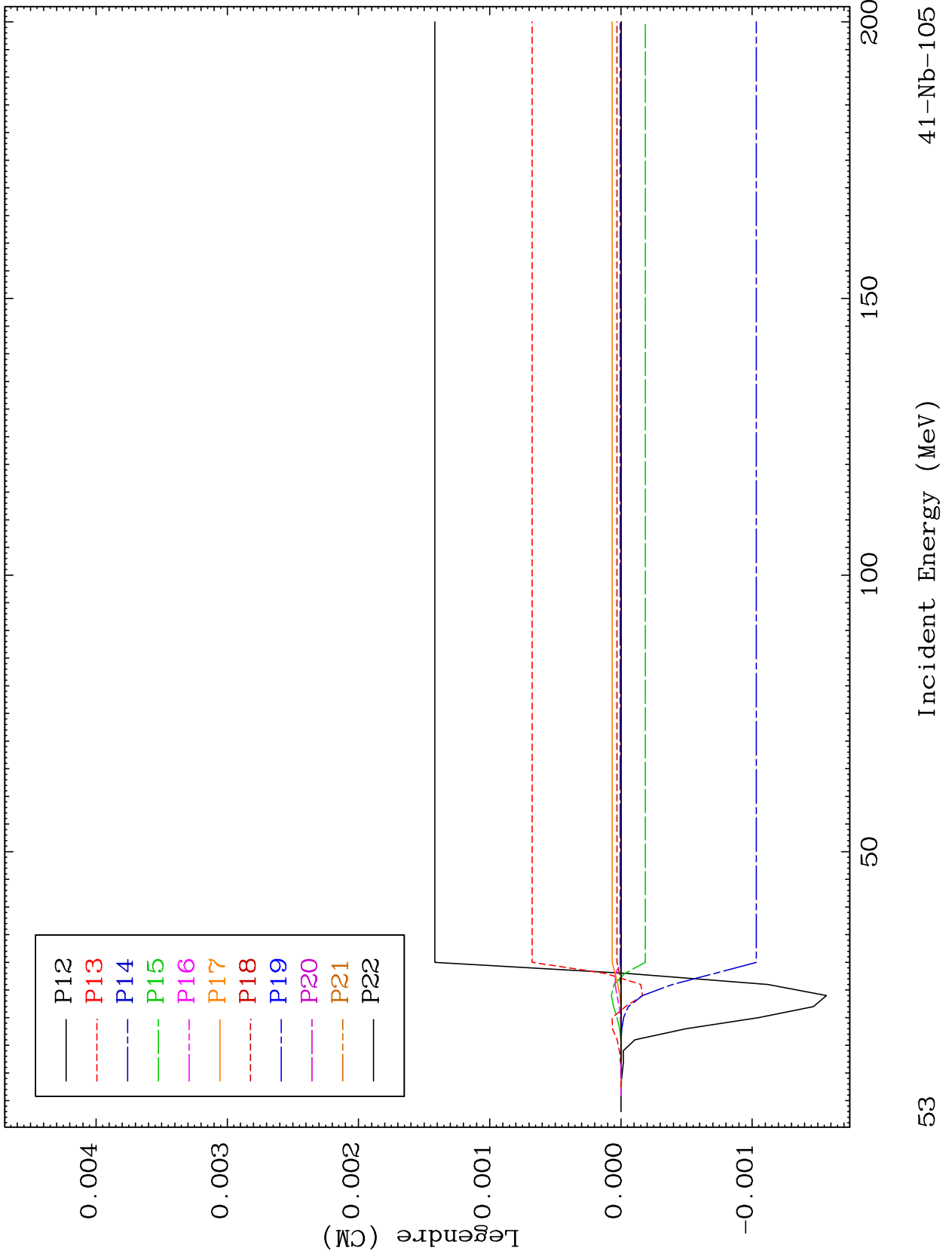
Incident Energy (MeV)

52

MAT 4161

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

41-Nb-105



53

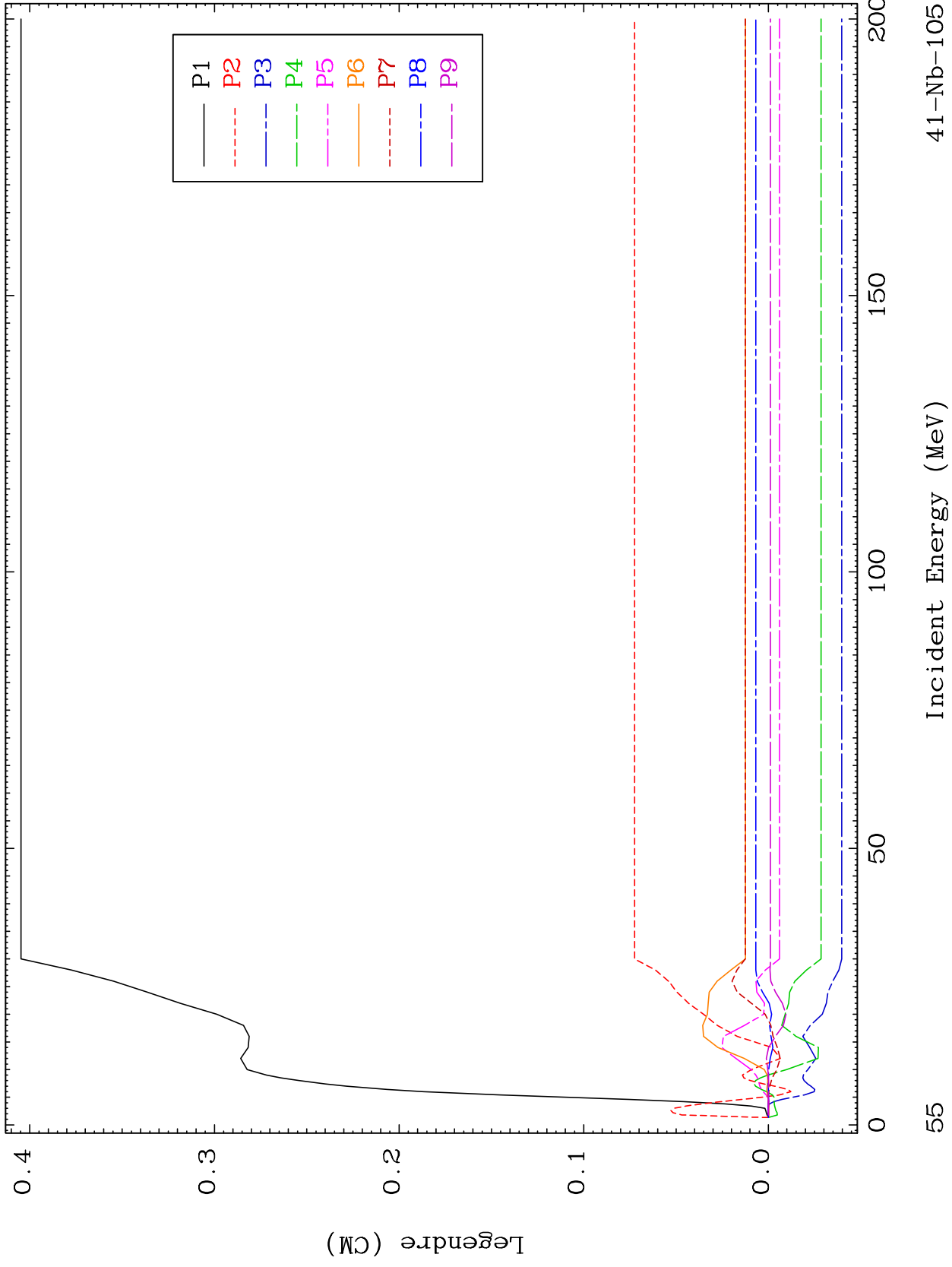
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



41-Nb-105

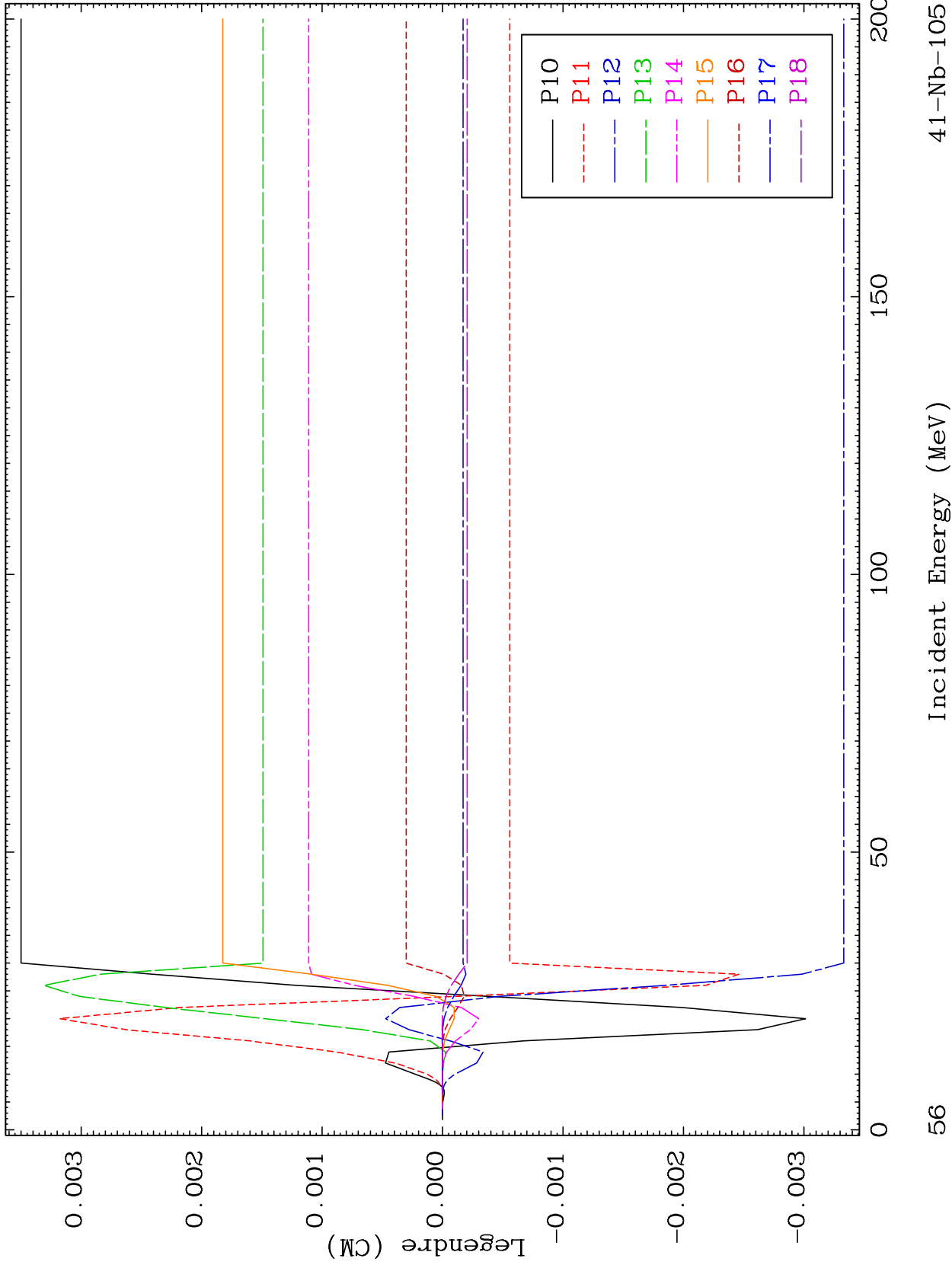
Incident Energy (MeV)

55

MAT 4161

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

41-Nb-105



56

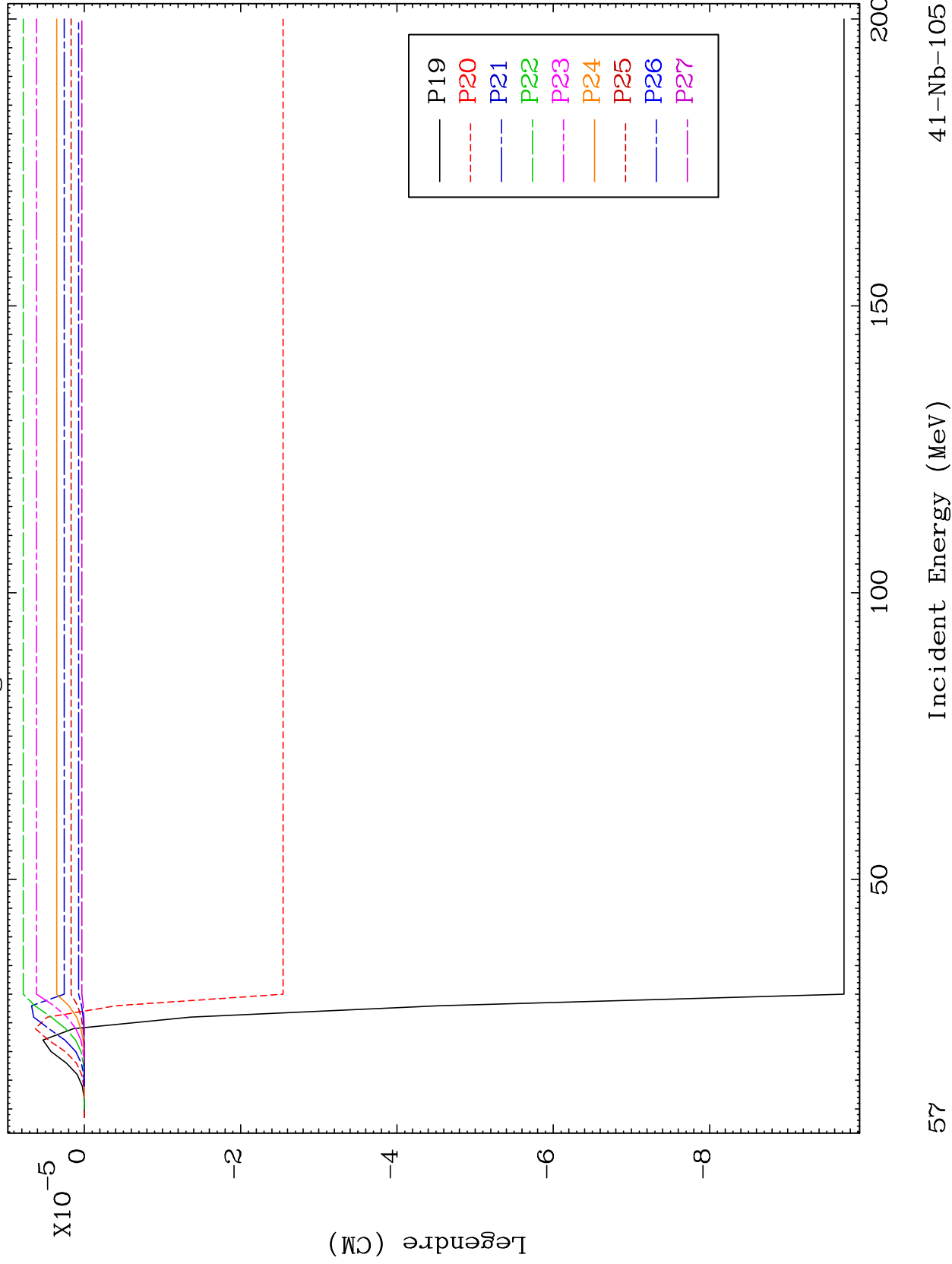
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

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



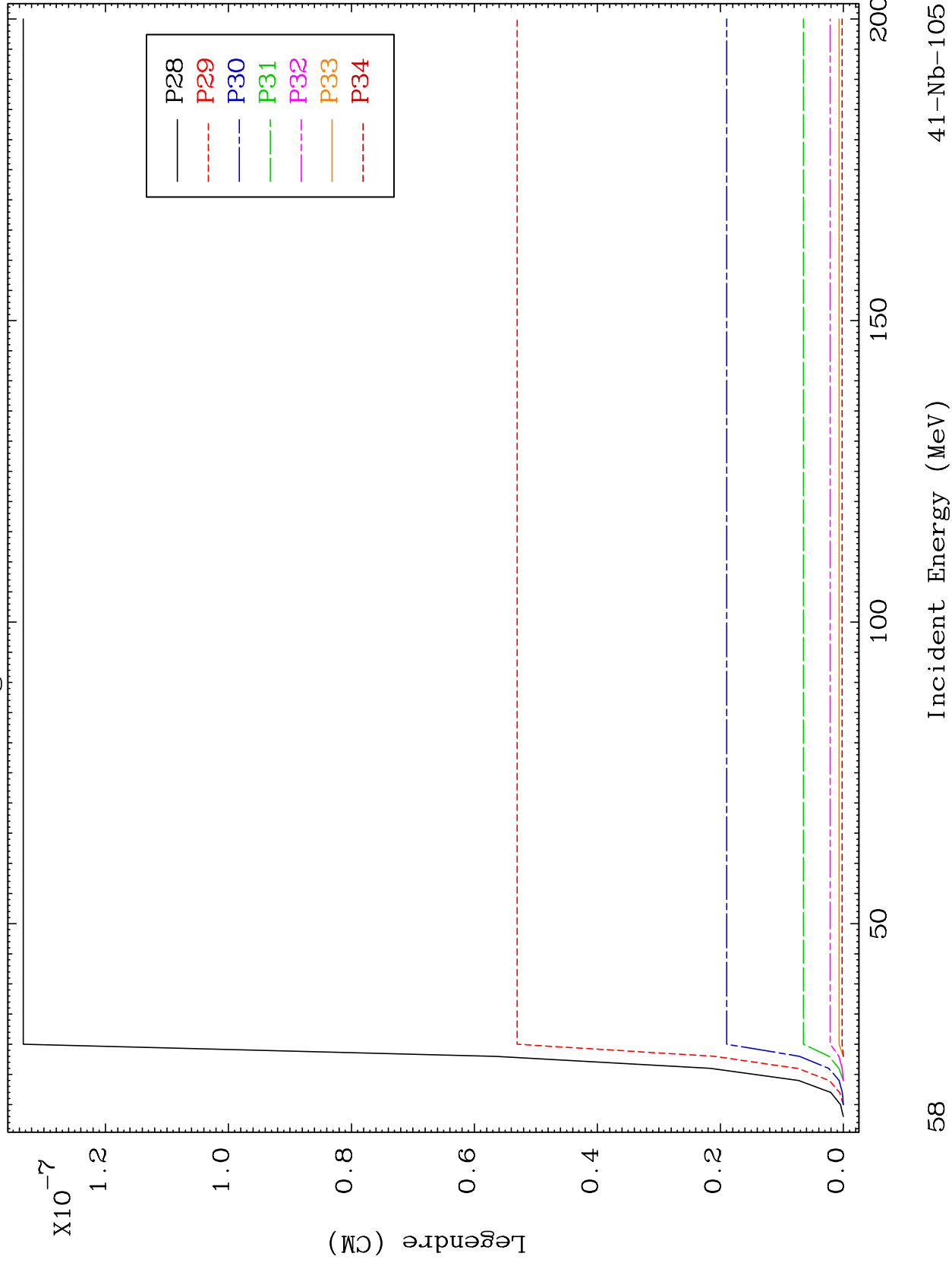
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41-Nb-105

MAT 4161

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

41-Nb-105



58

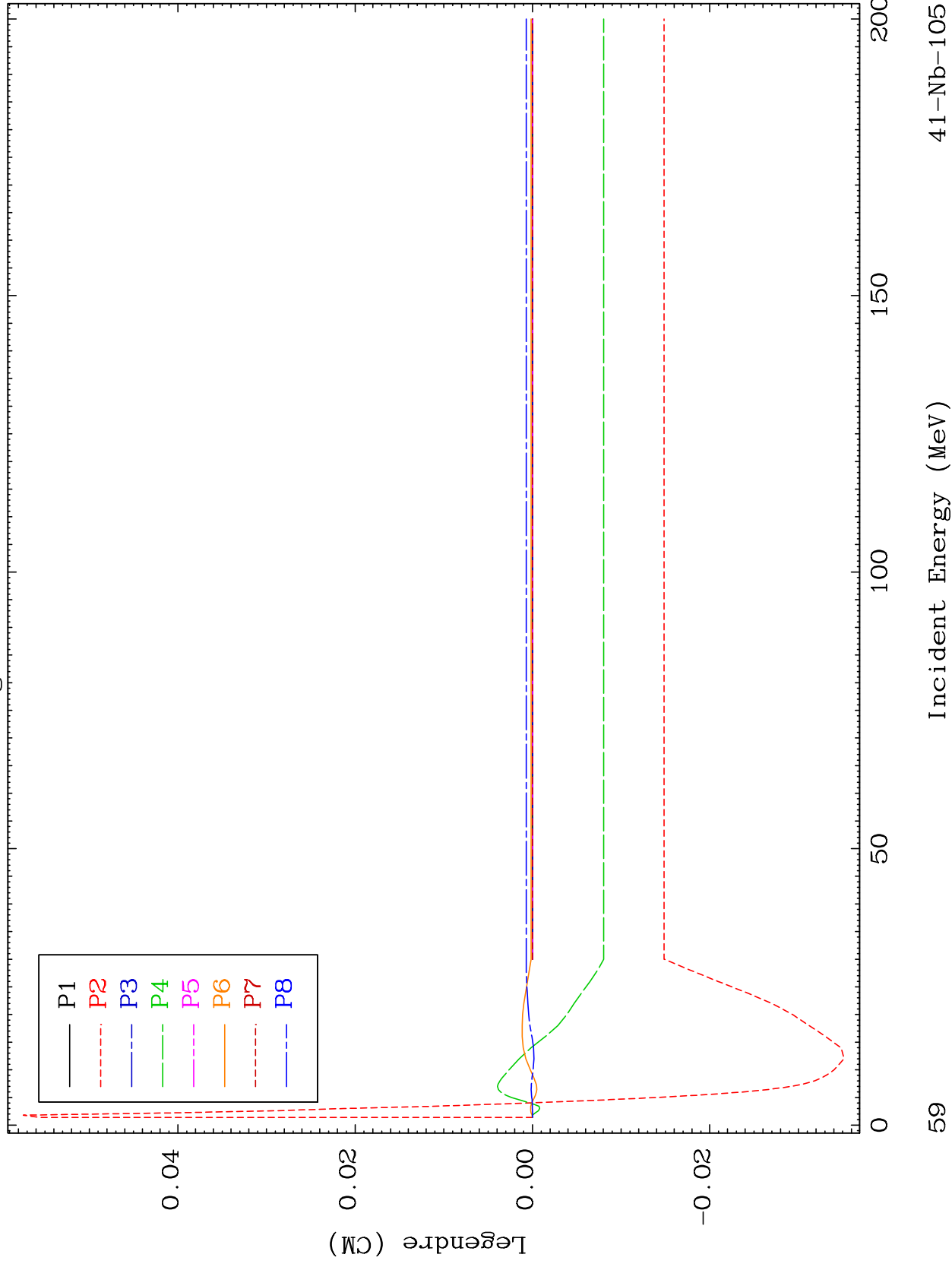
Incident Energy (MeV)

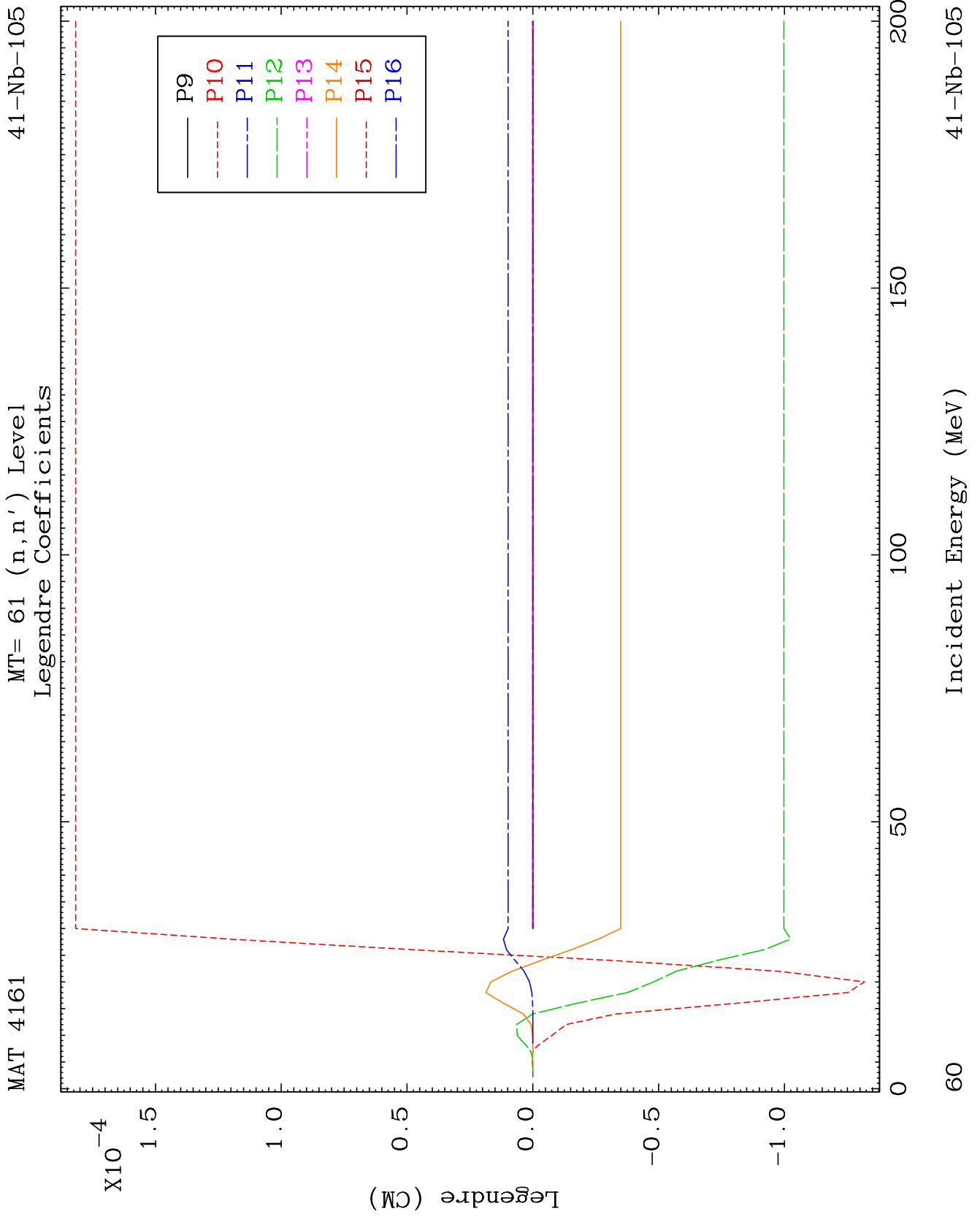
41-Nb-105

MAT 4161

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

41-Nb-105

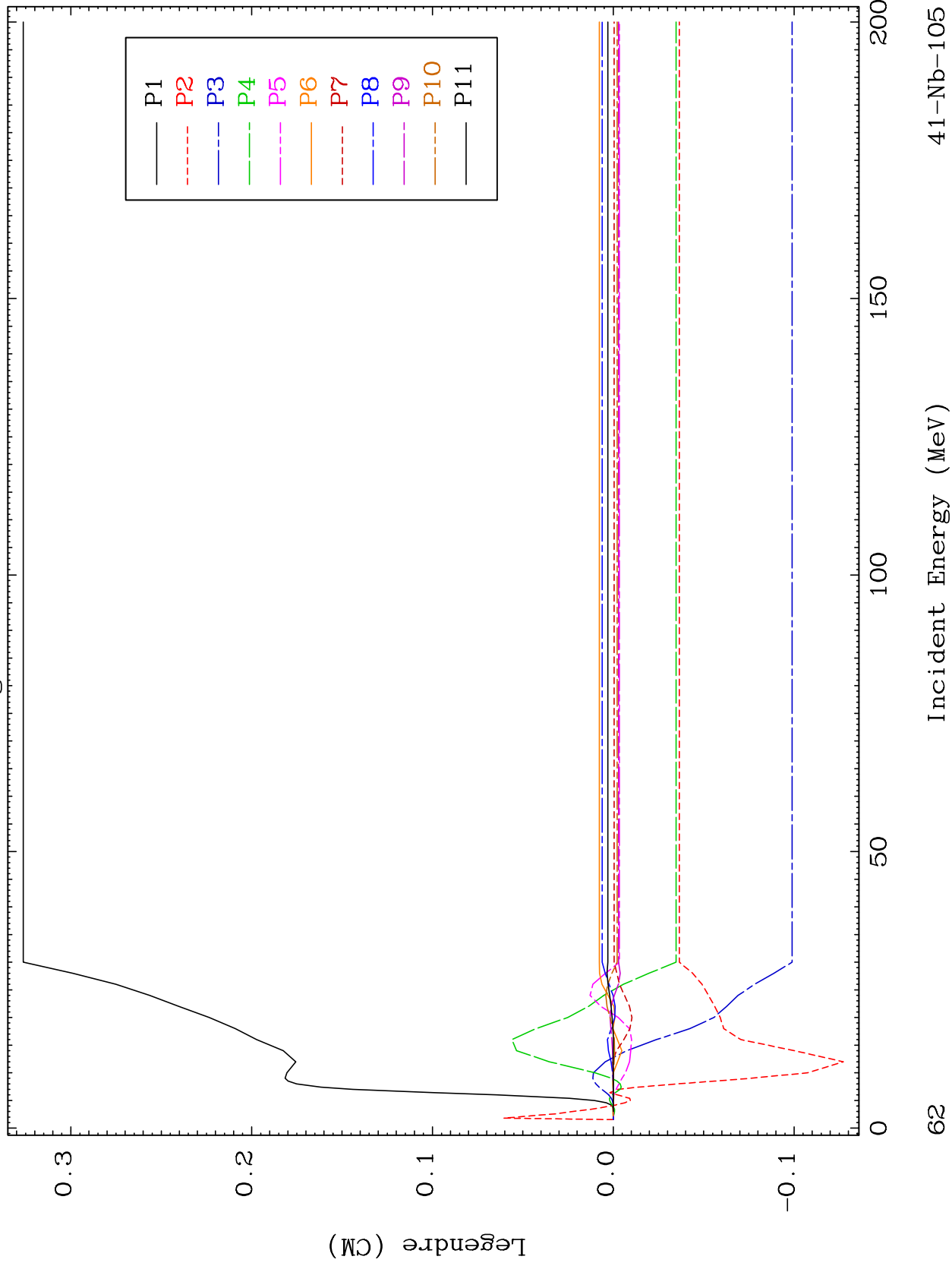




MAT 4161

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

41-Nb-105



41-Nb-105

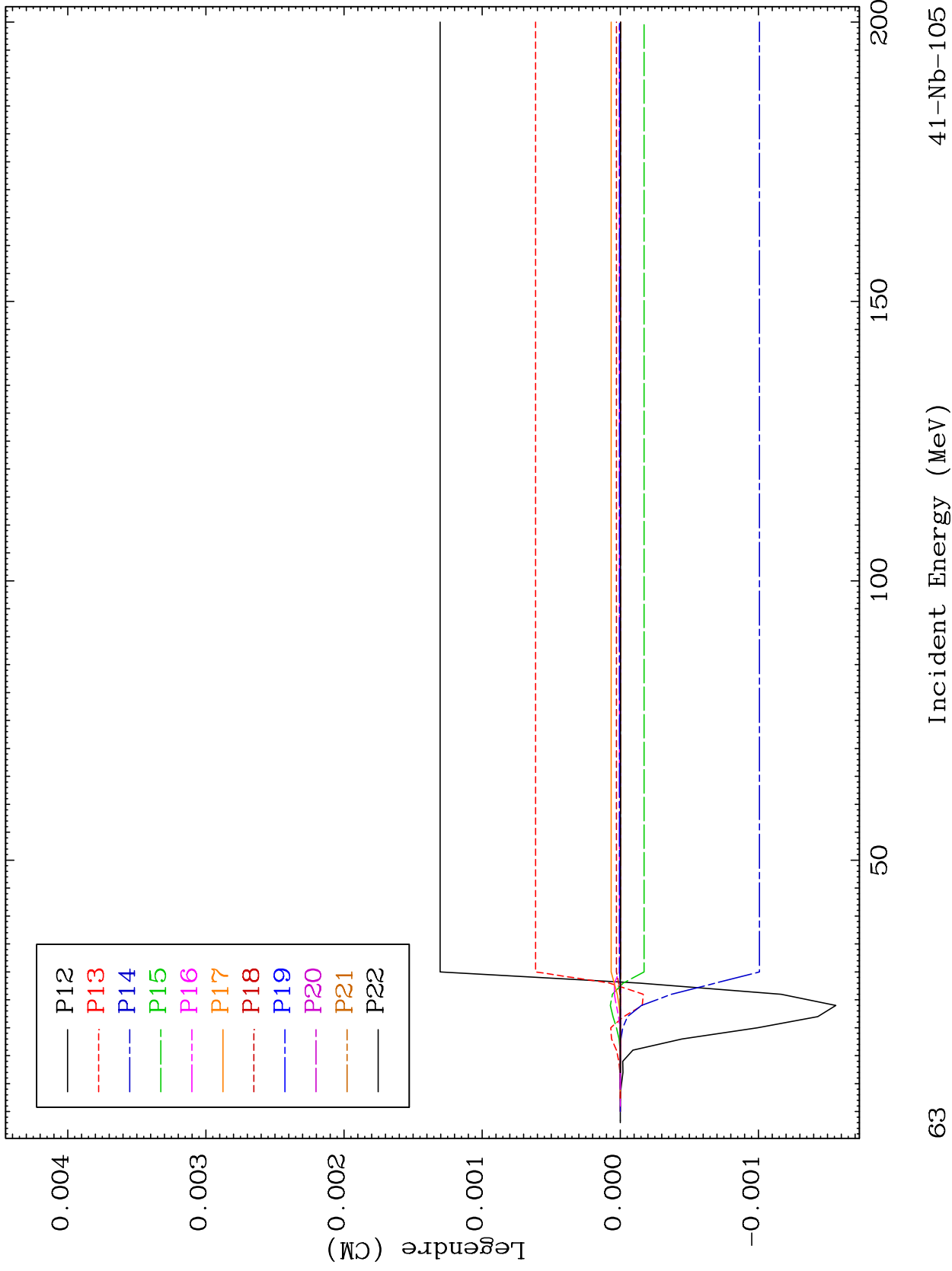
Incident Energy (MeV)

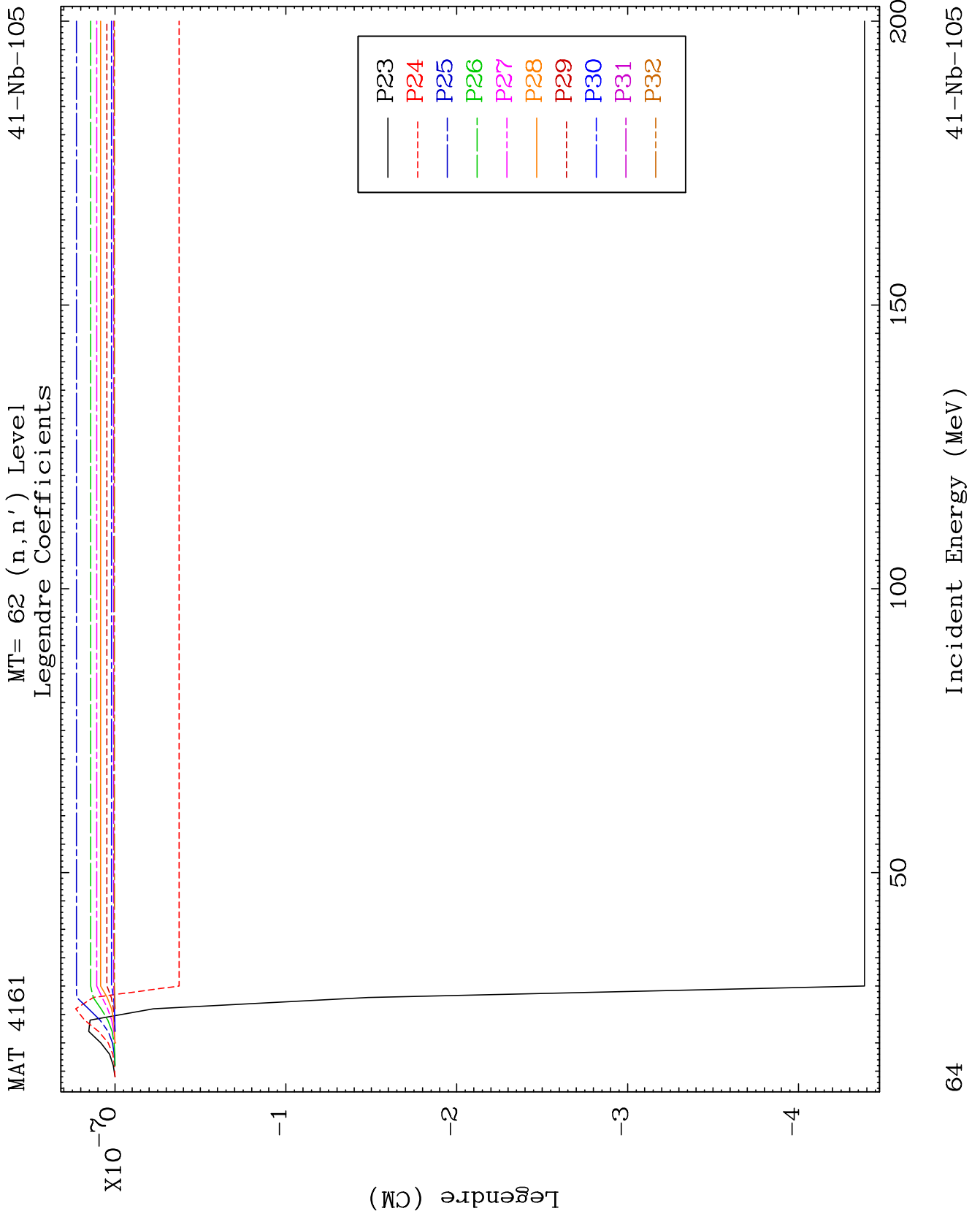
62

MAT 4161

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

41-Nb-105

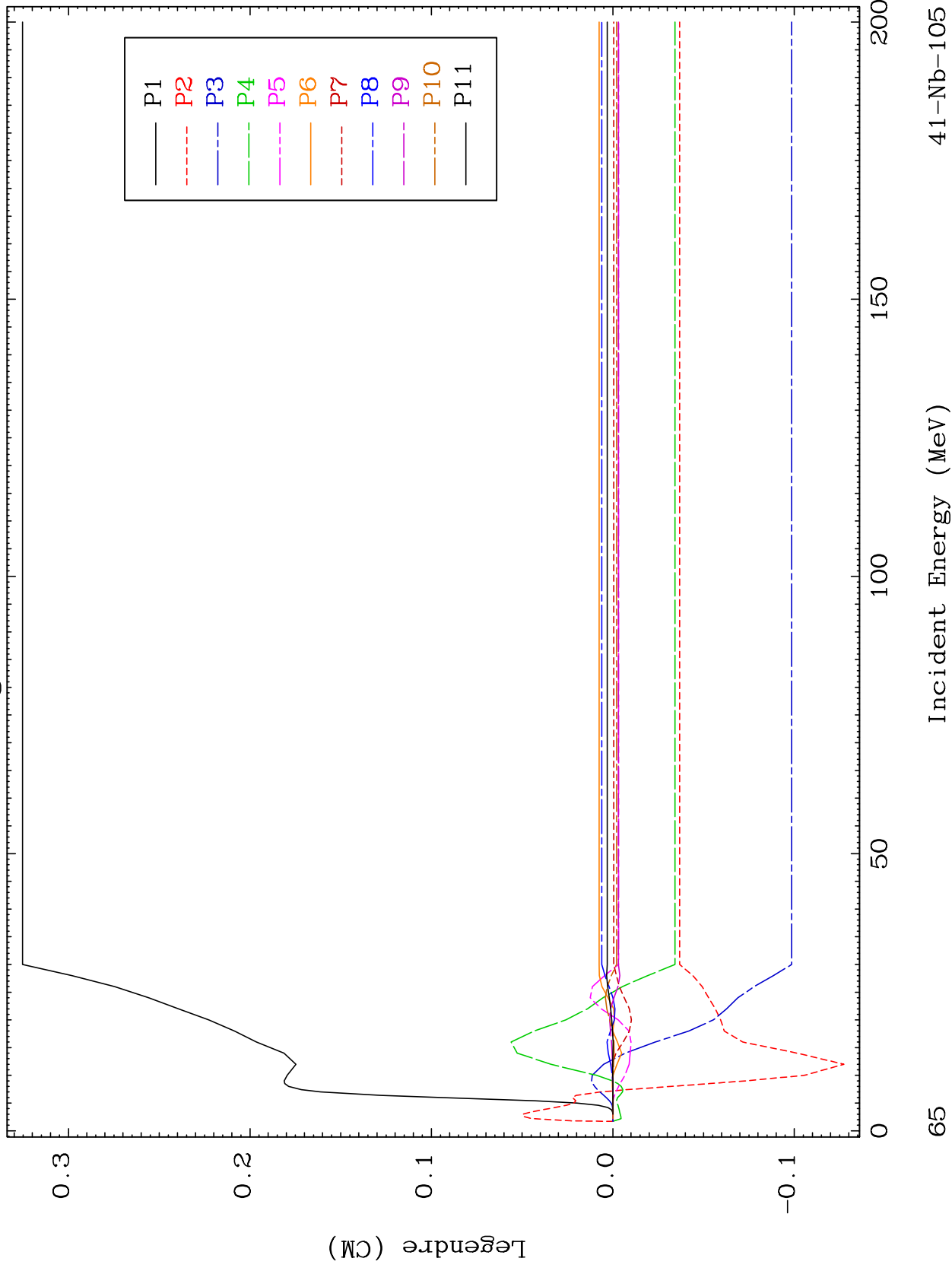




MAT 4161

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

41-Nb-105



41-Nb-105

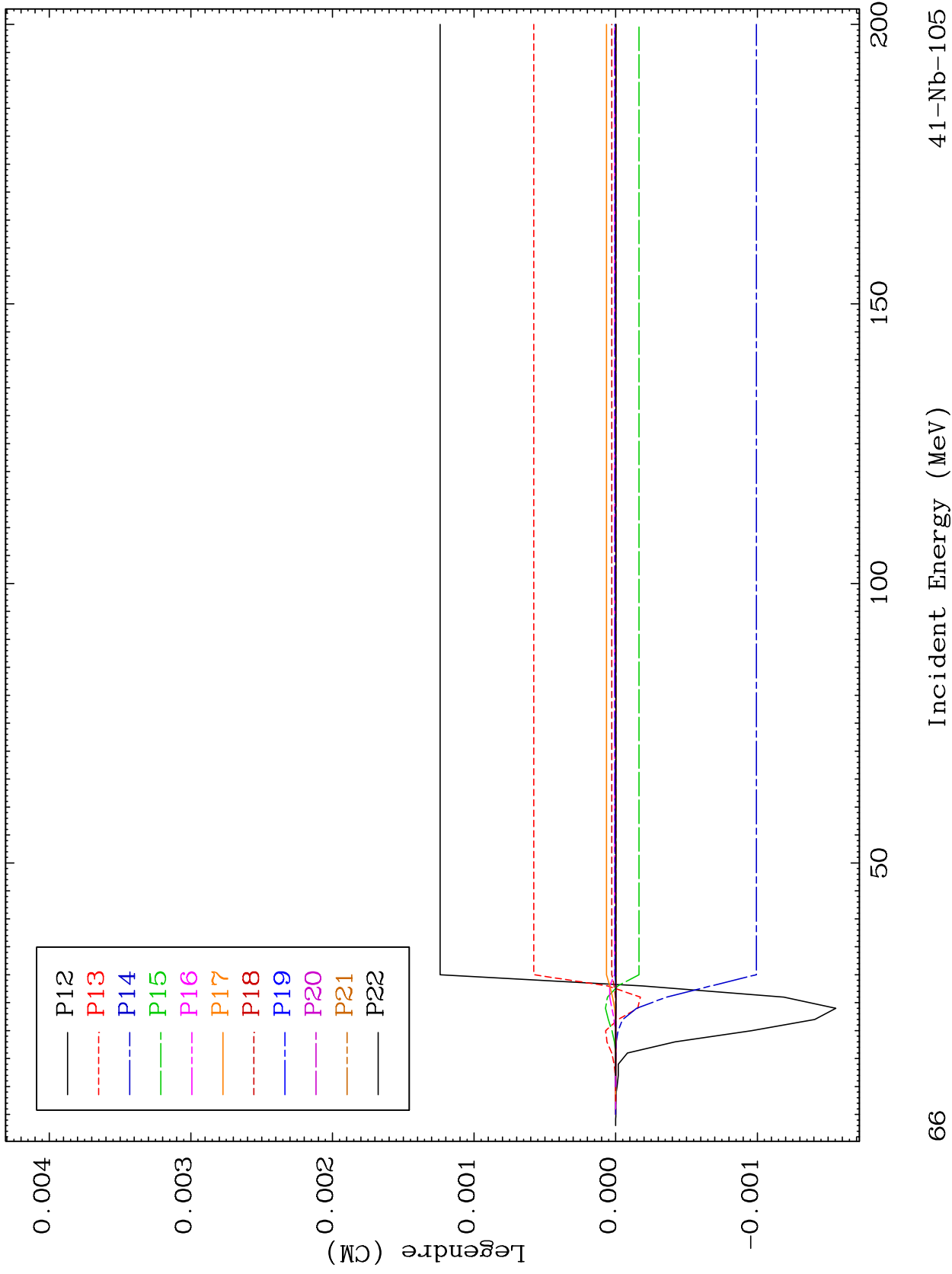
Incident Energy (MeV)

65

MAT 4161

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

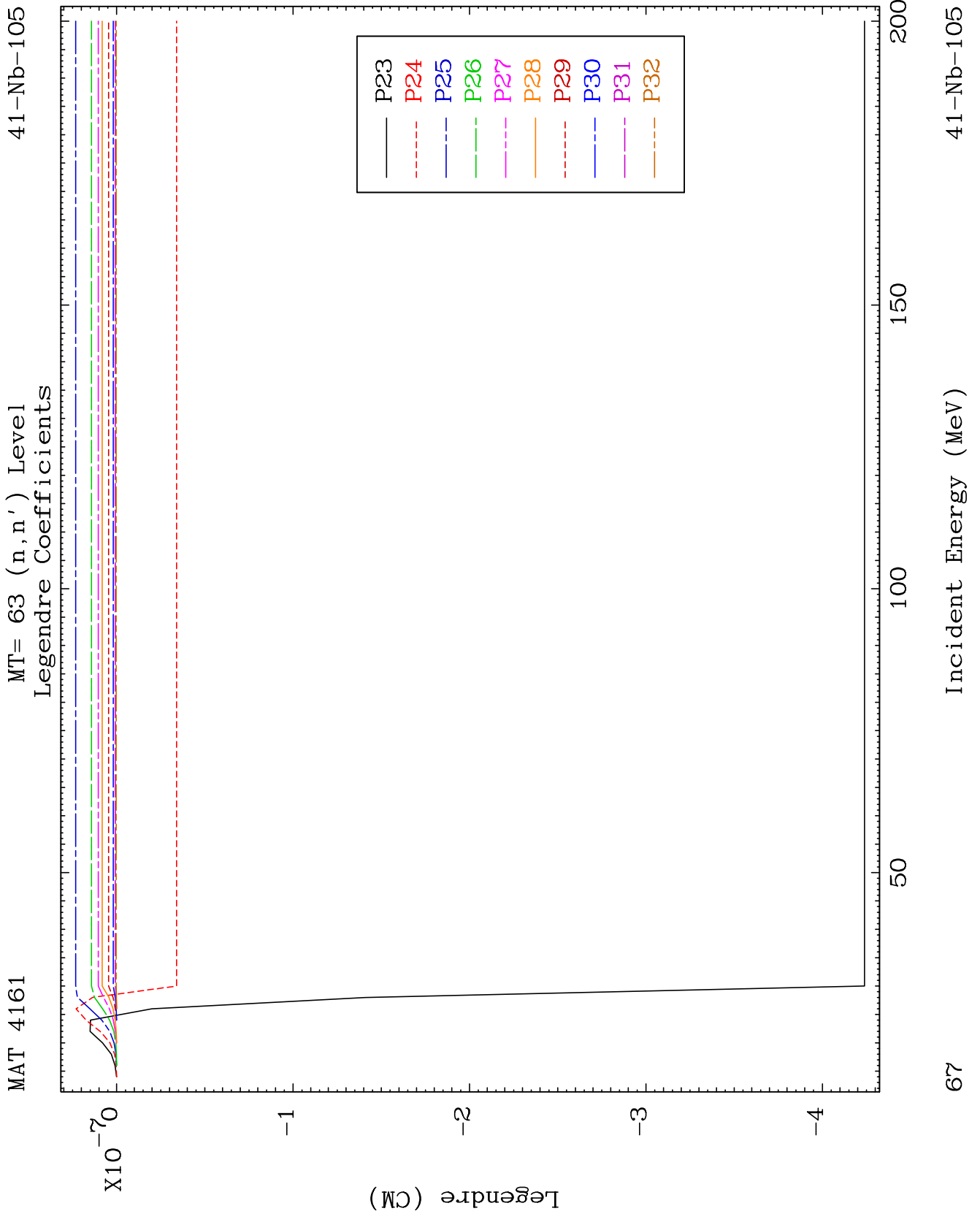
41-Nb-105



66

Incident Energy (MeV)

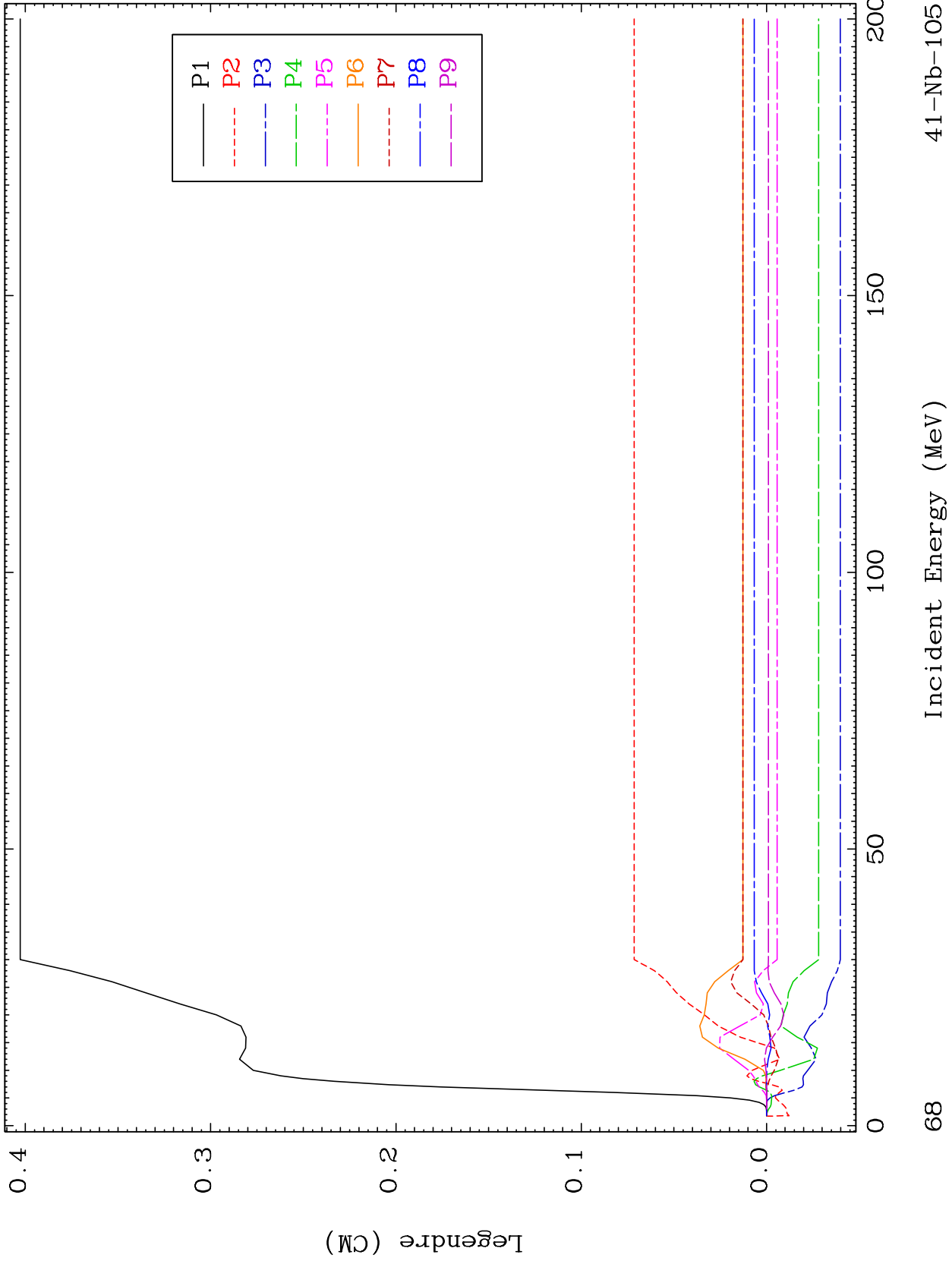
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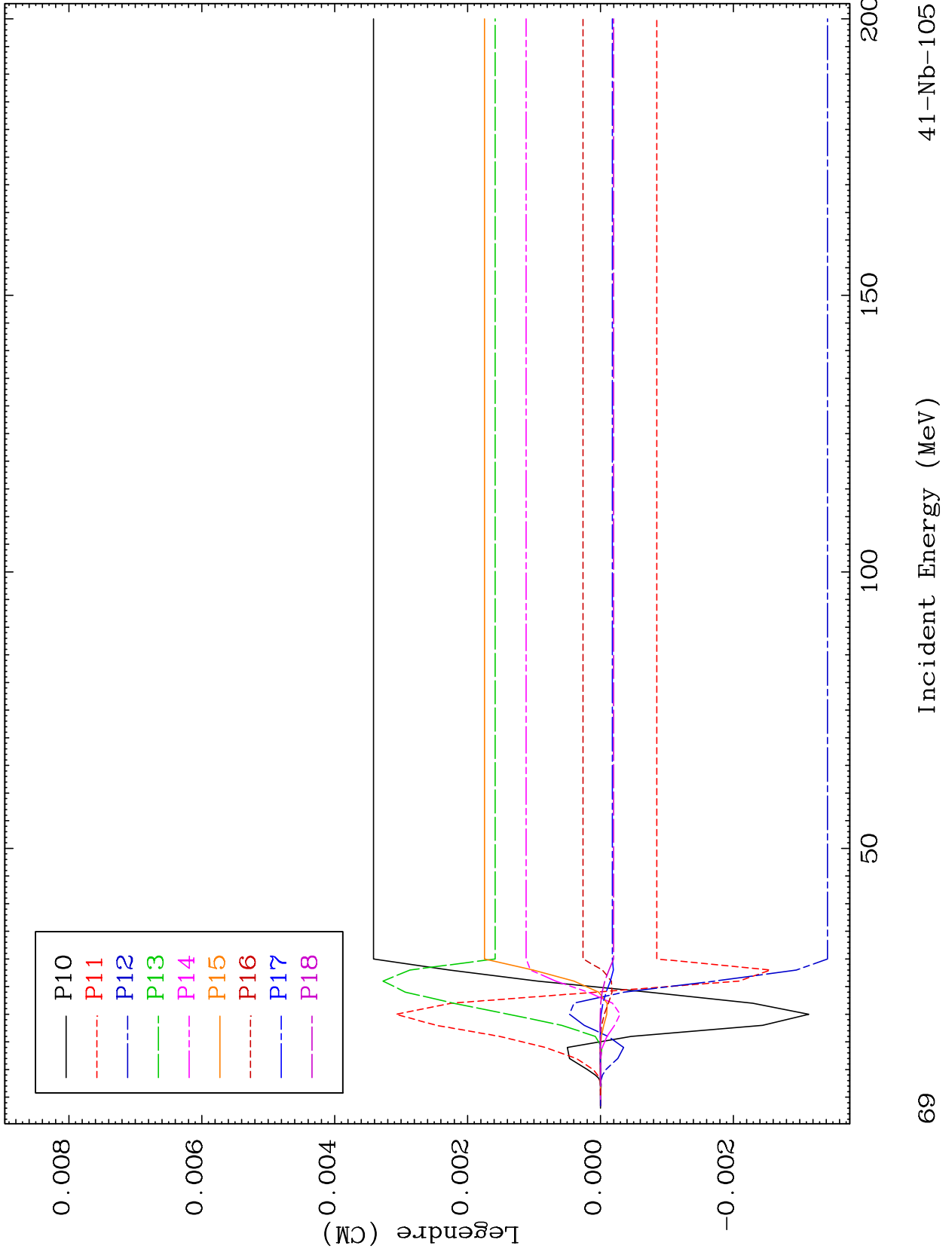


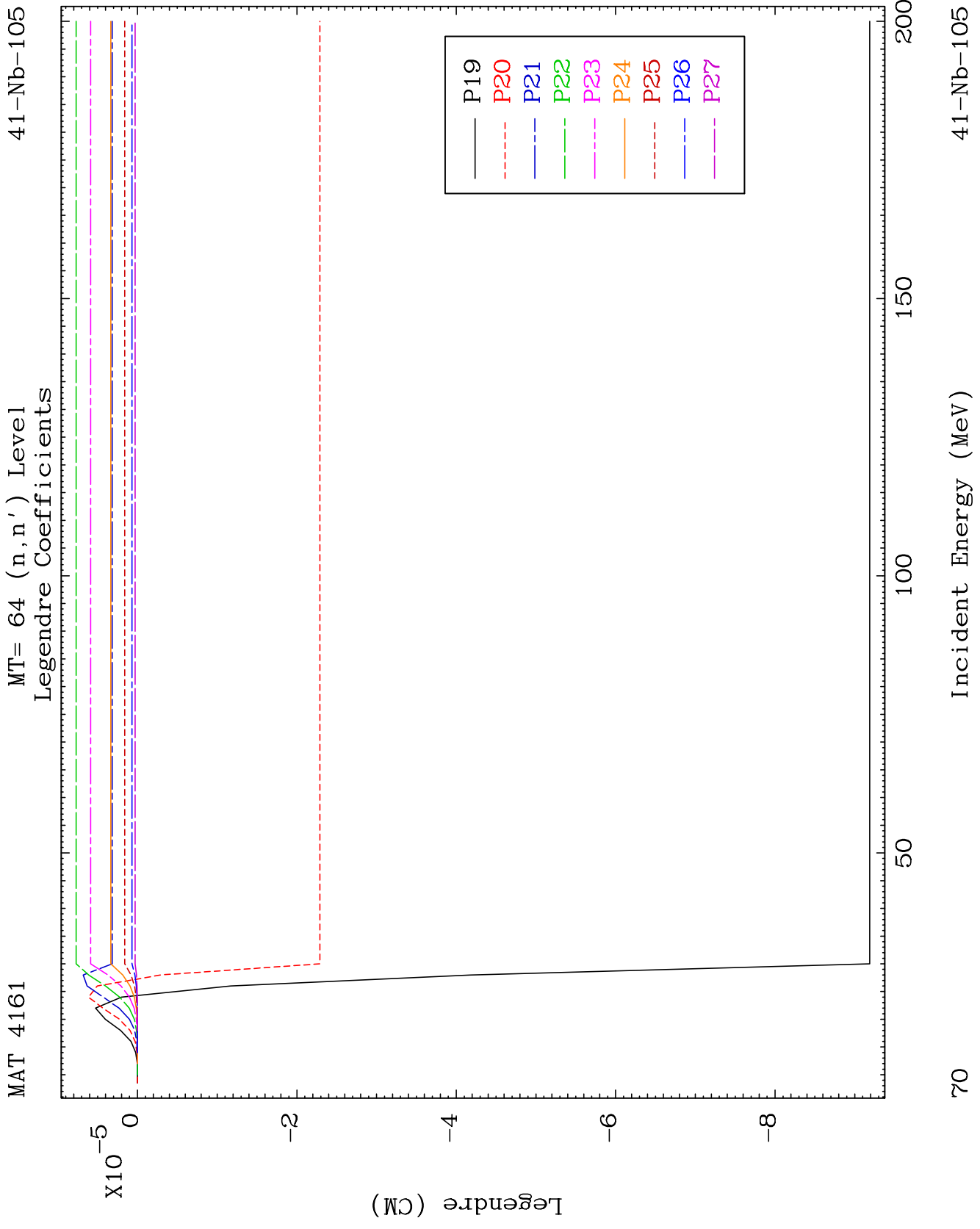
MAT 4161

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

41-Nb-105



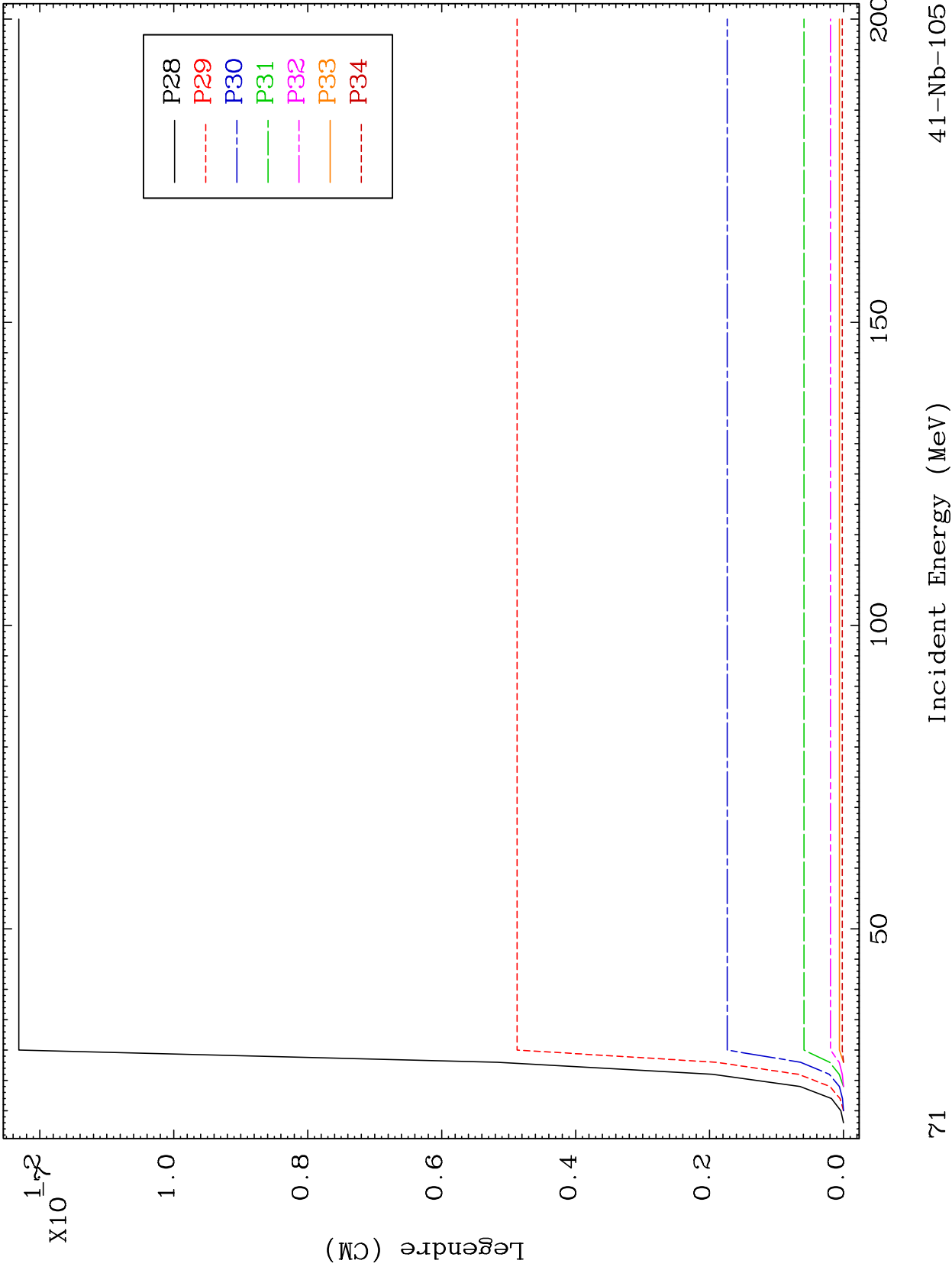




MAT 4161

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

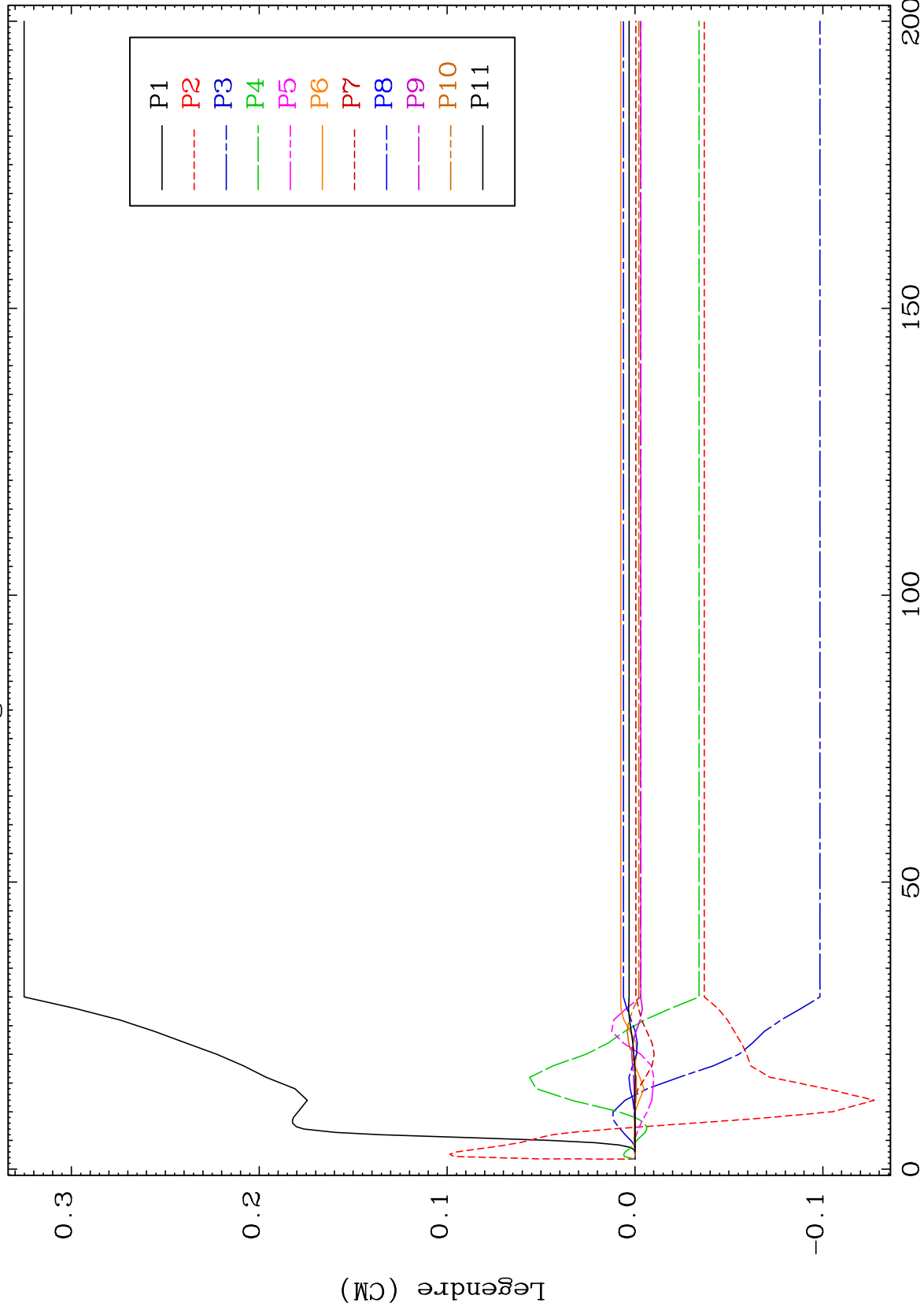
41-Nb-105



MAT 4161

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

41-Nb-105



72

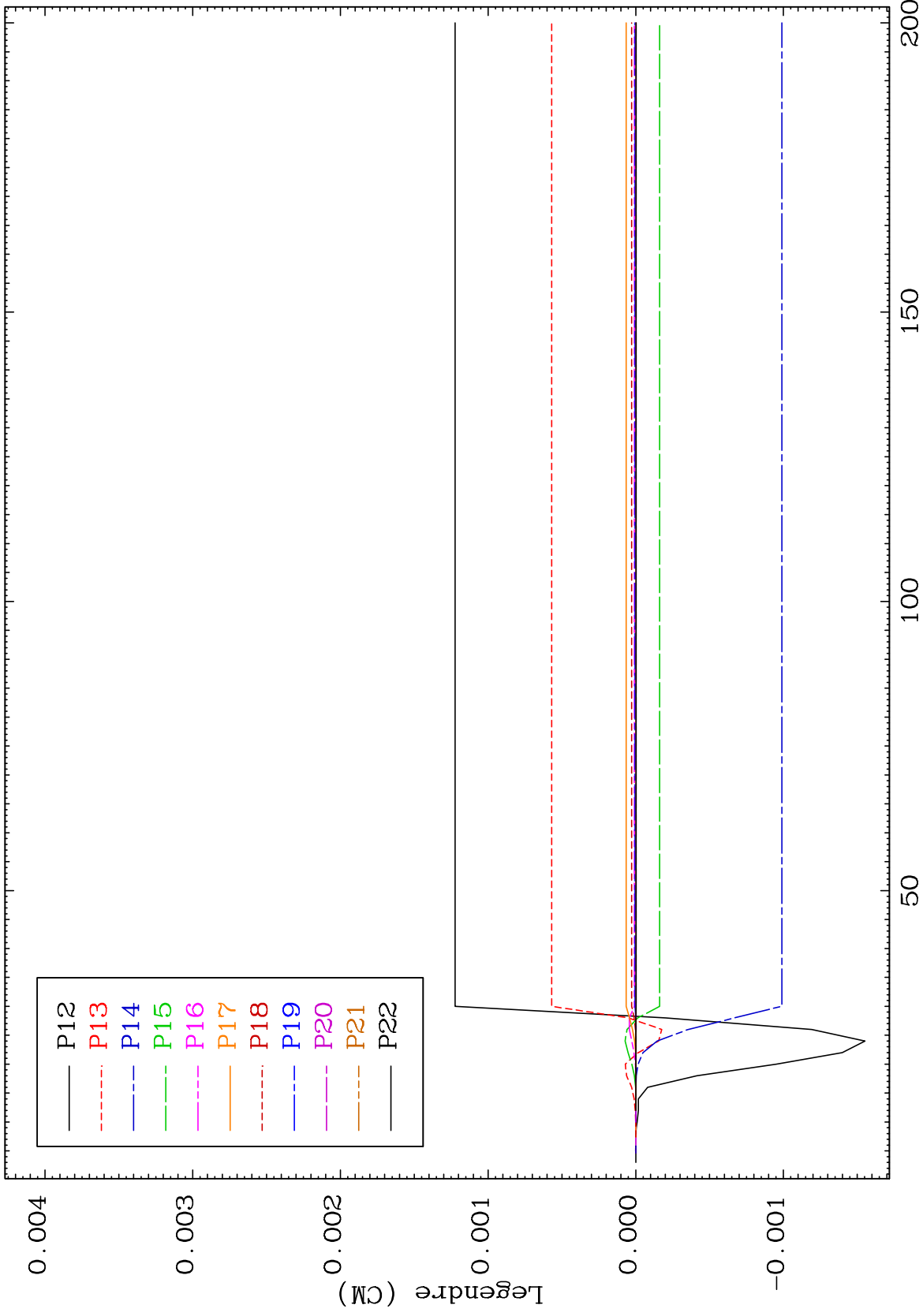
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

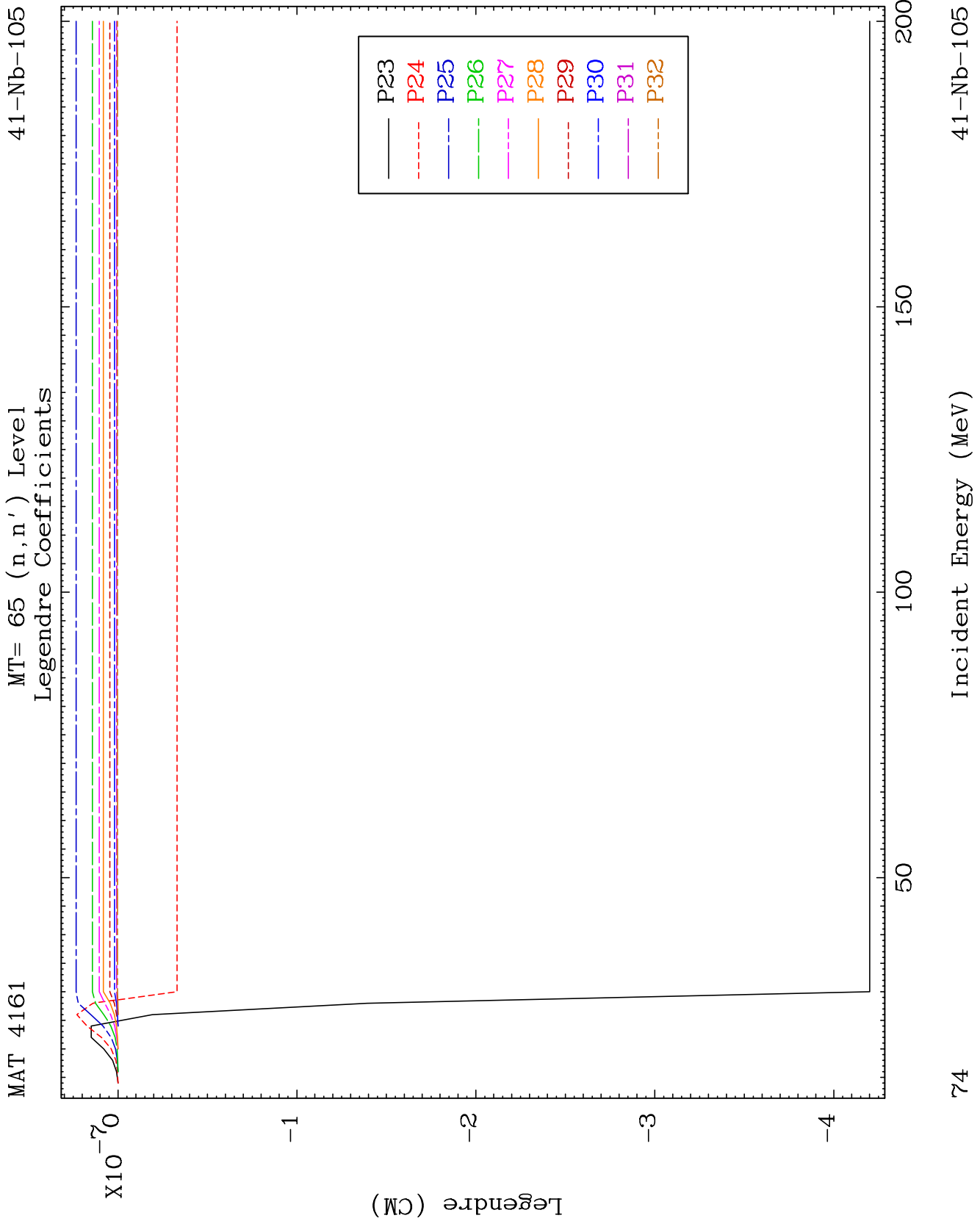
41-Nb-105



73

Incident Energy (MeV)

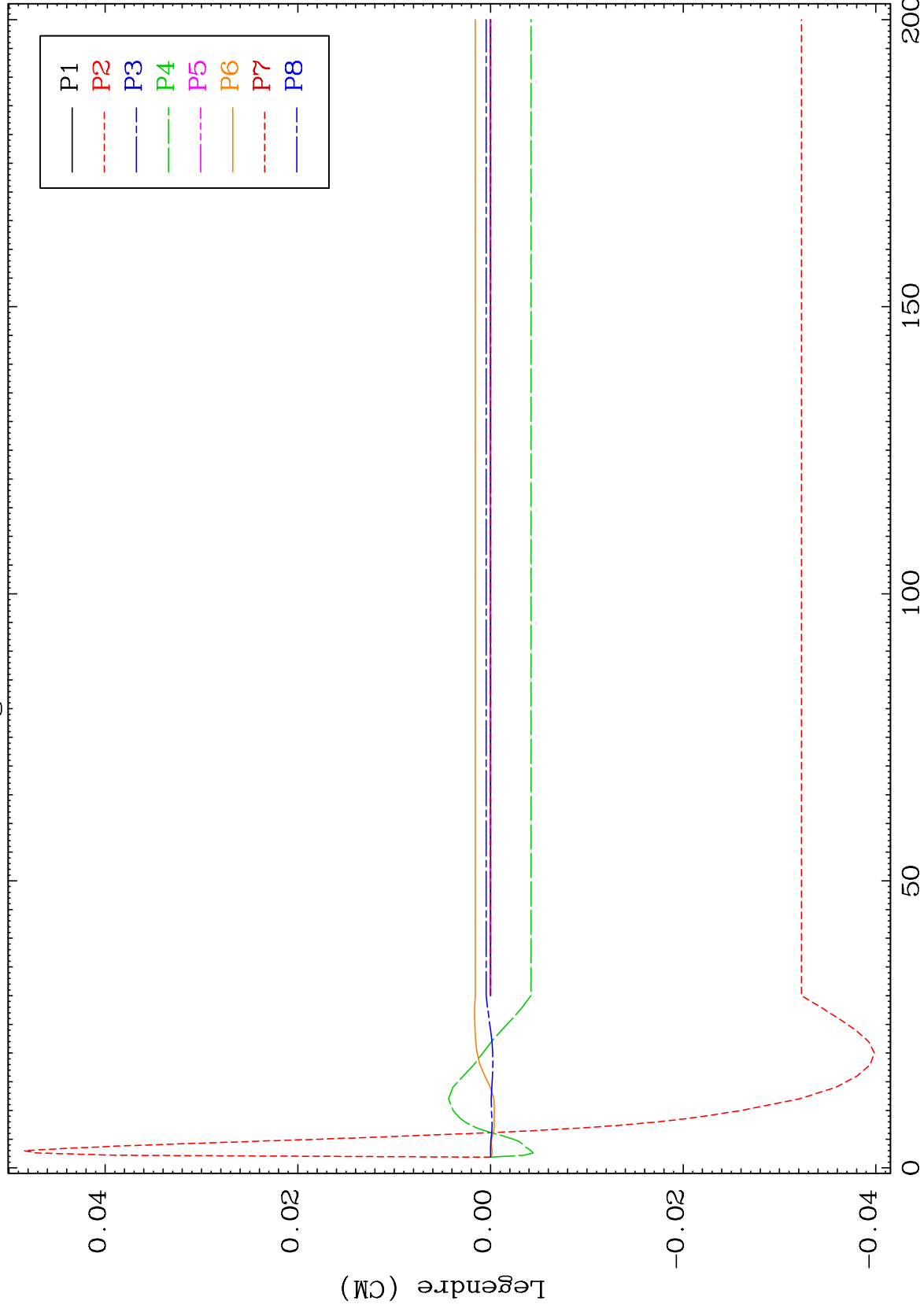
41-Nb-105



MAT 4161

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

41-Nb-105



75

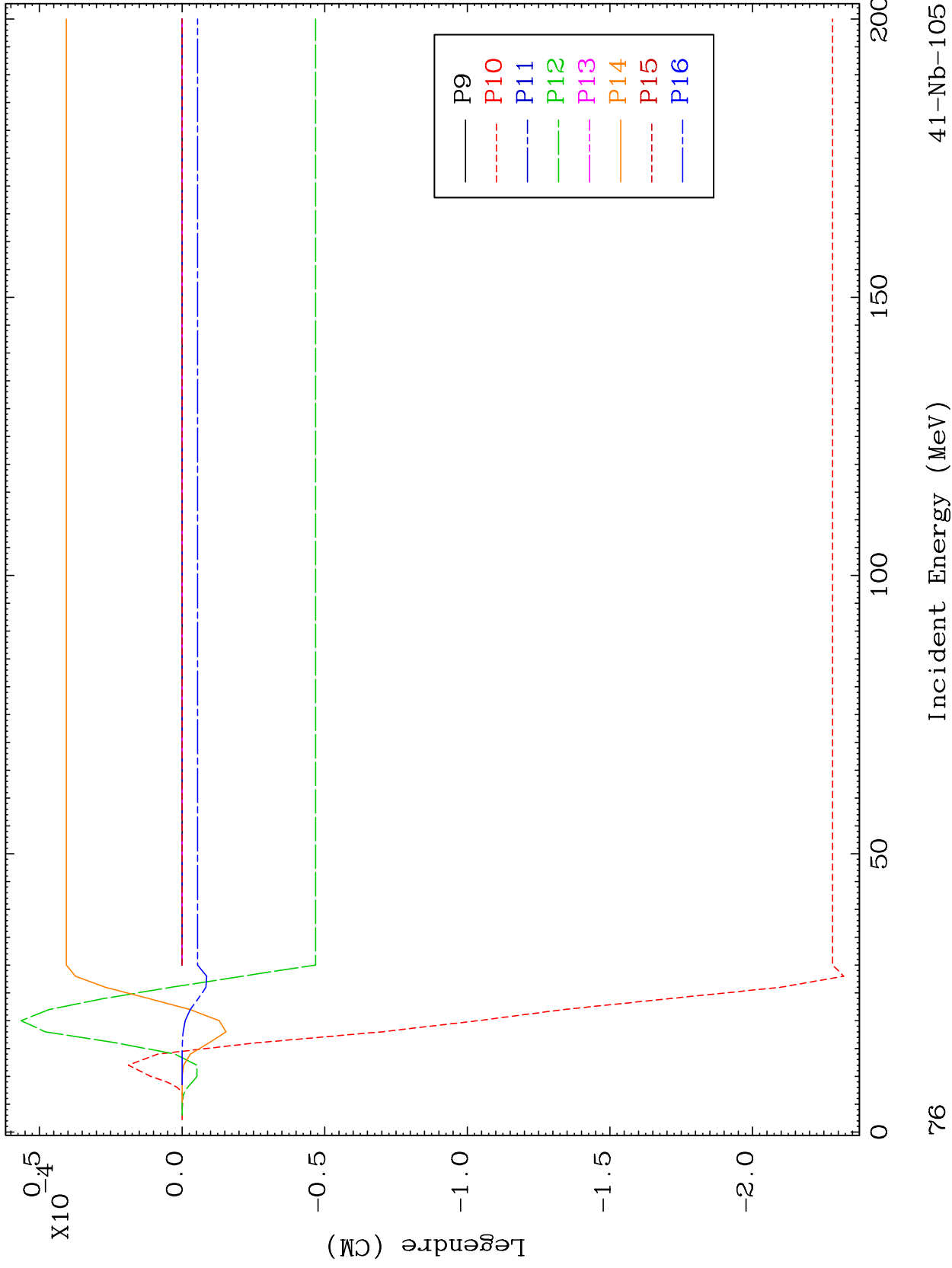
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

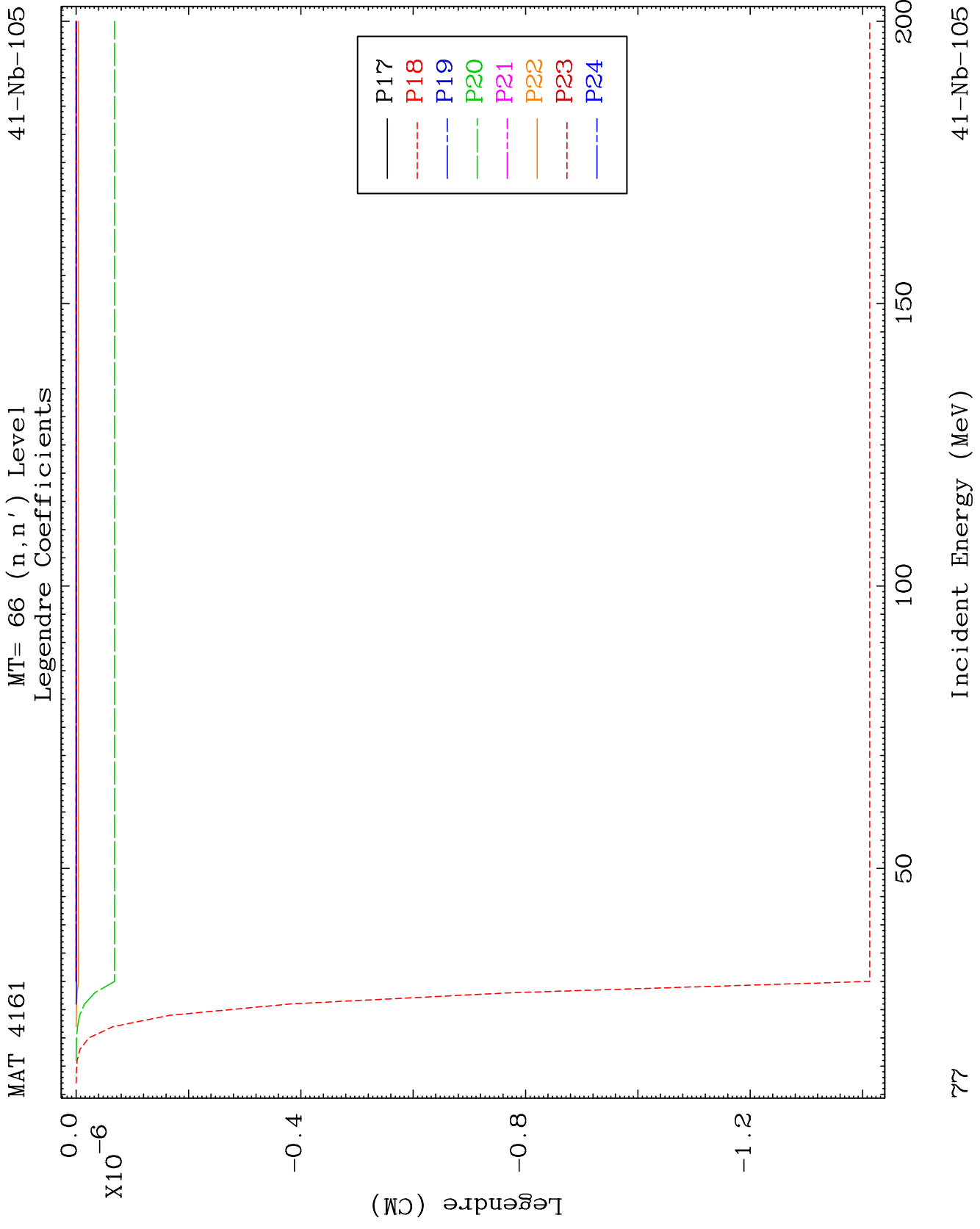
41-Nb-105



76

Incident Energy (MeV)

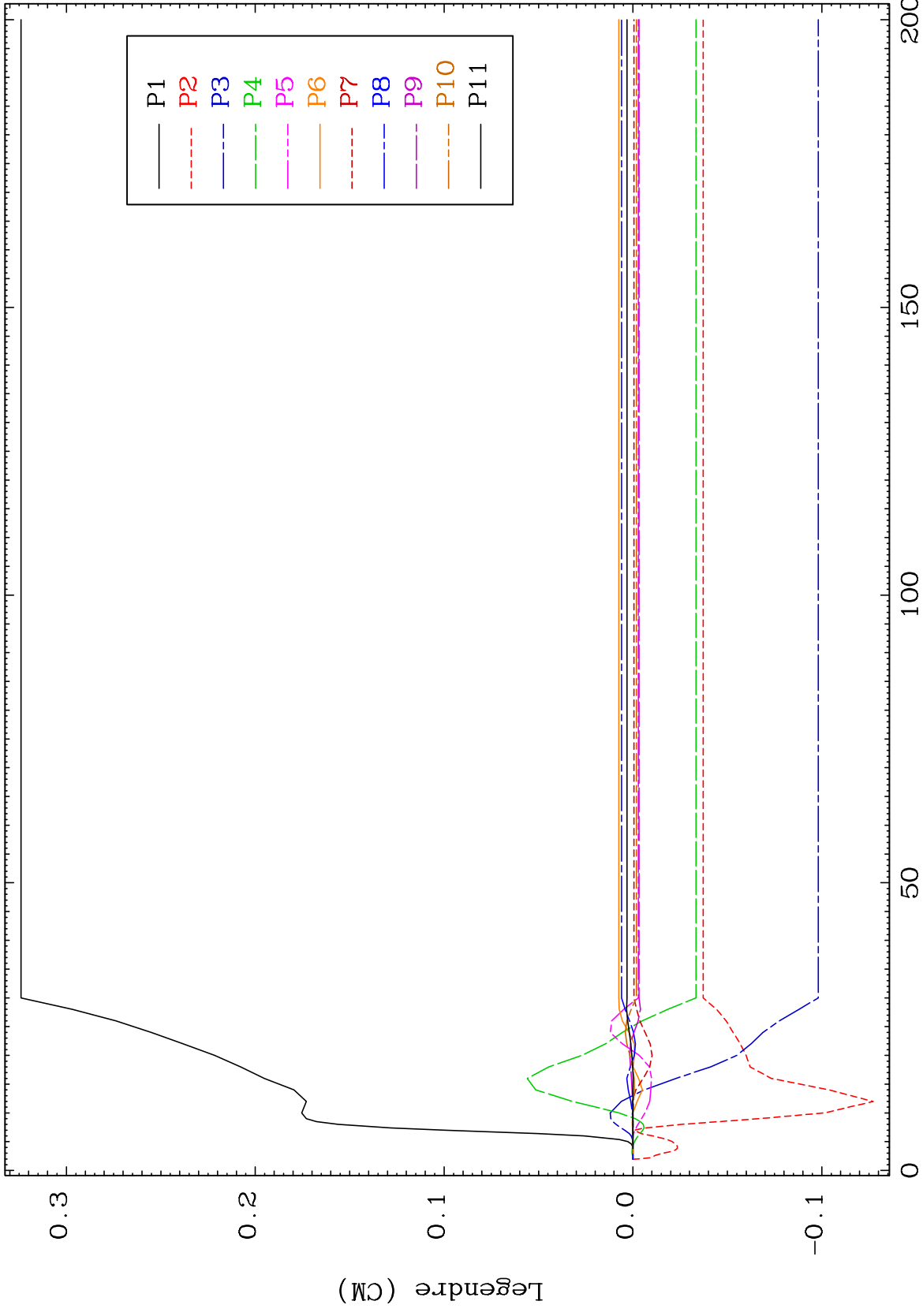
41-Nb-105



MAT 4161

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

41-Nb-105



78

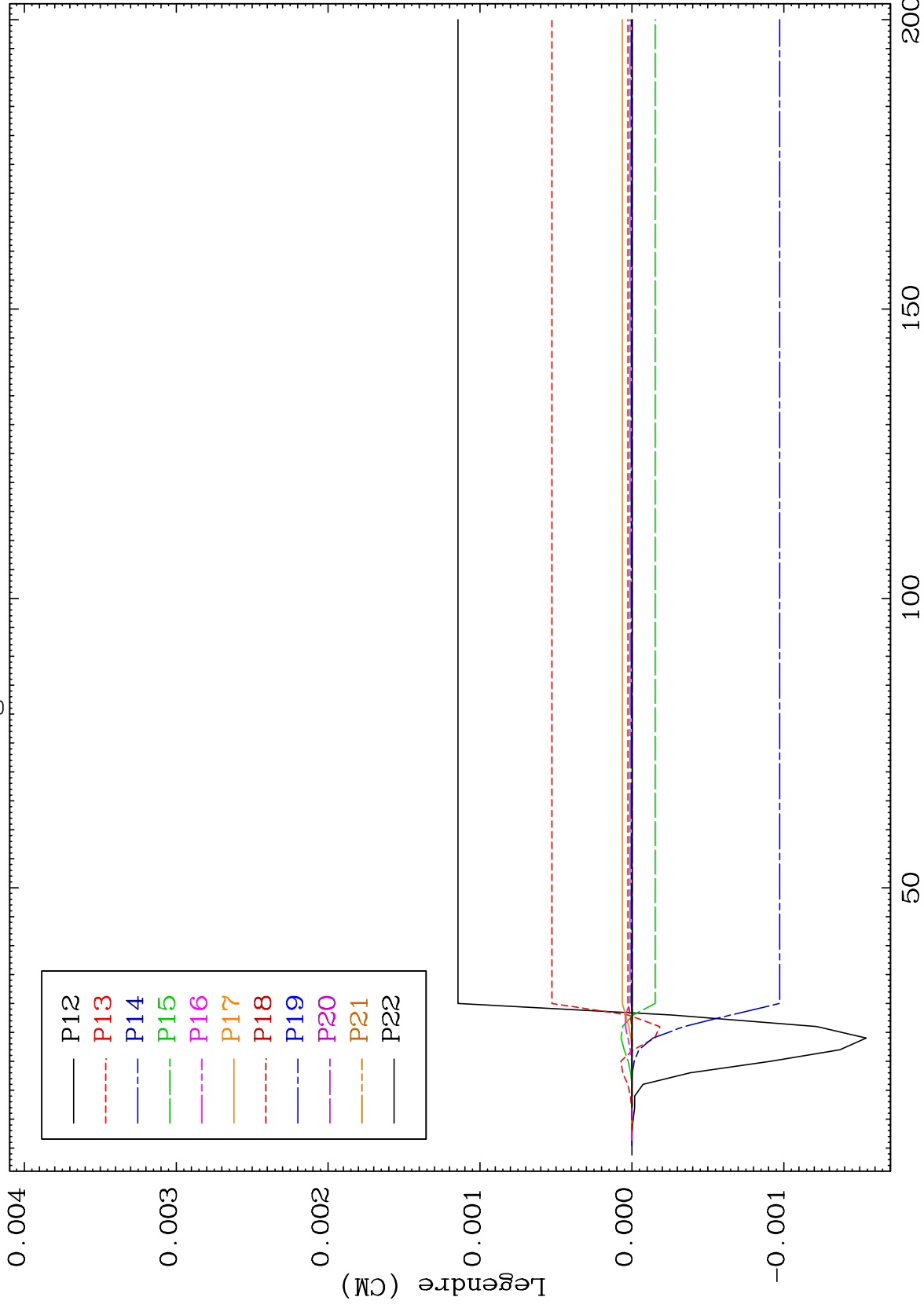
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



79

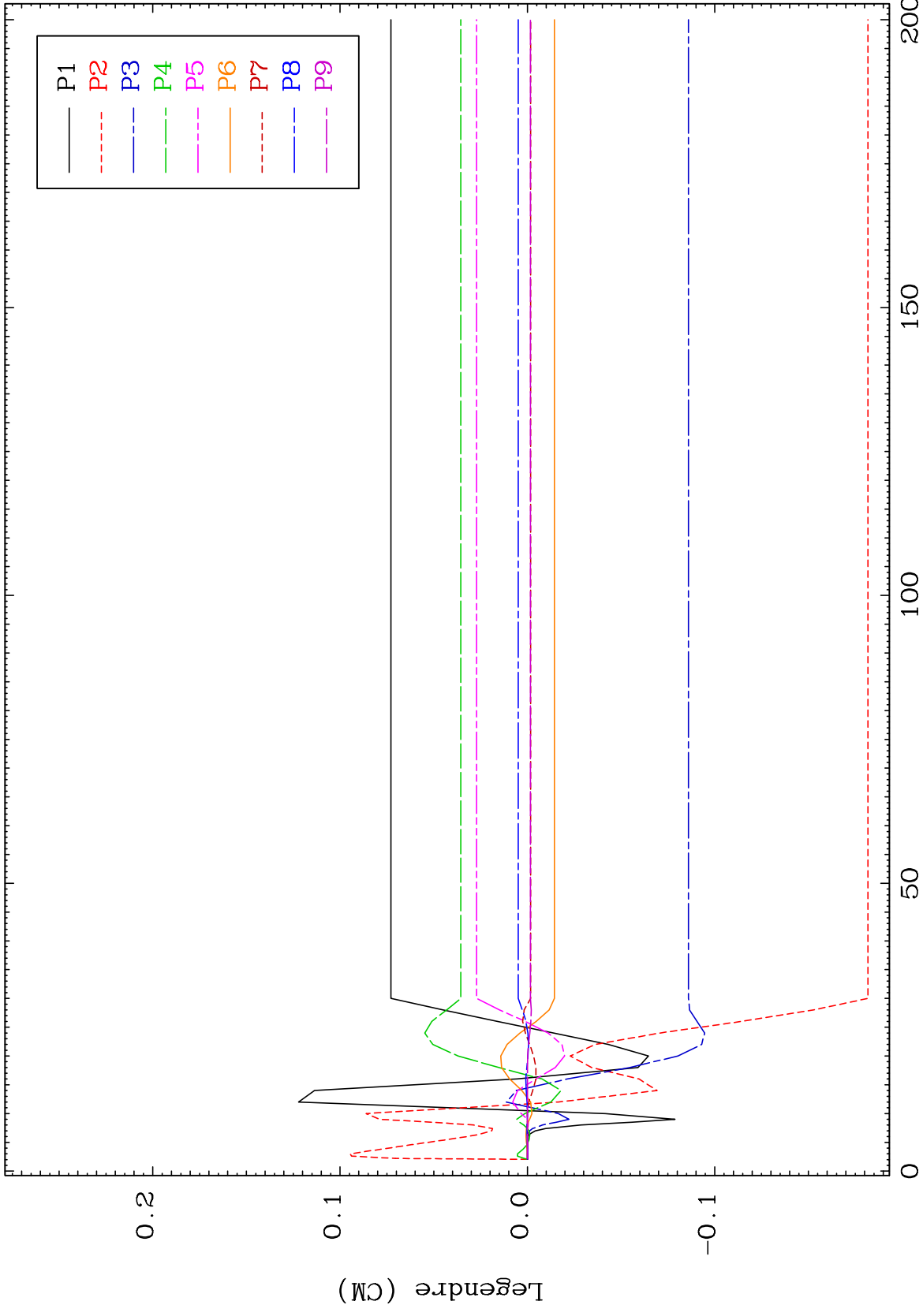
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



81

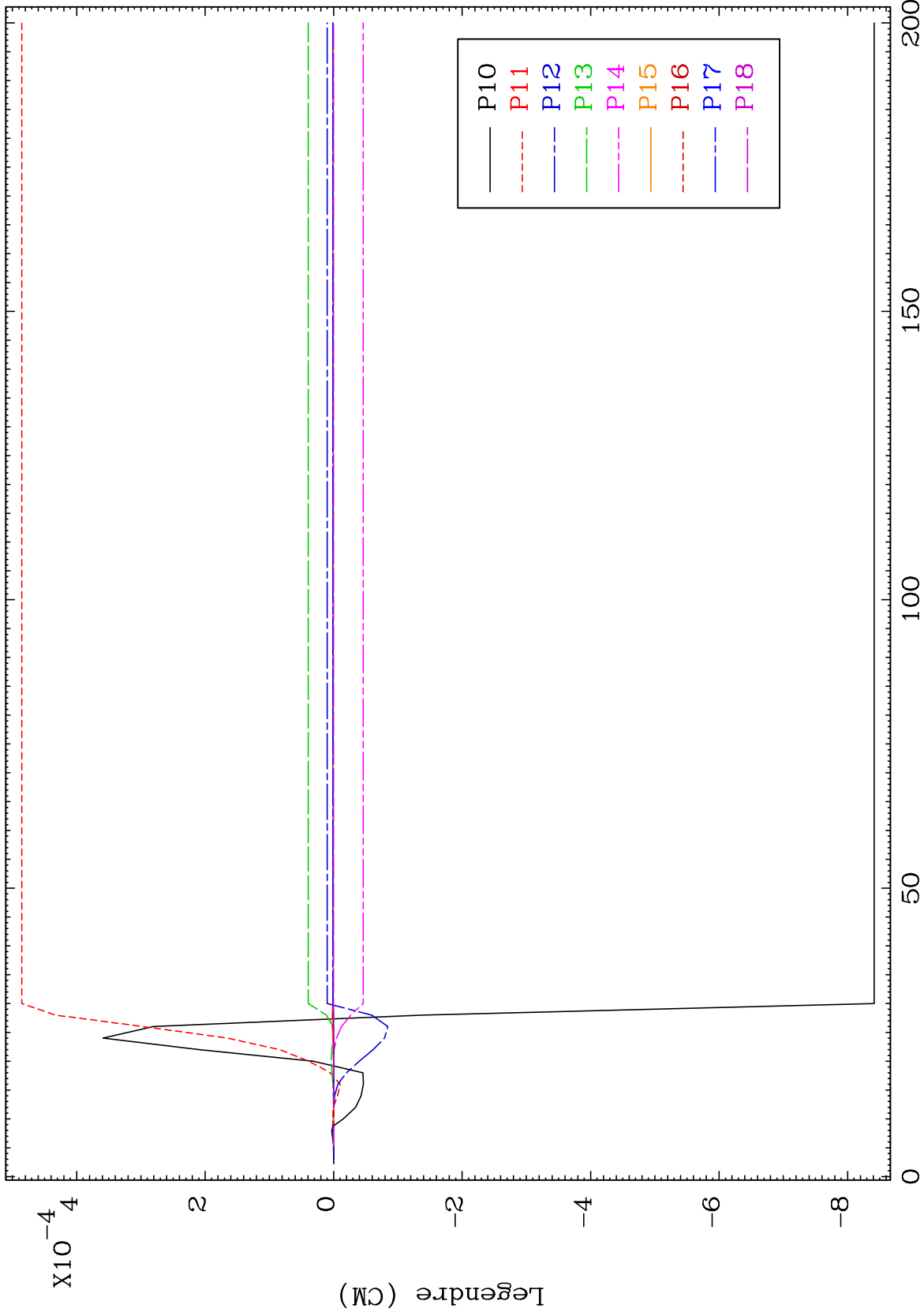
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



82

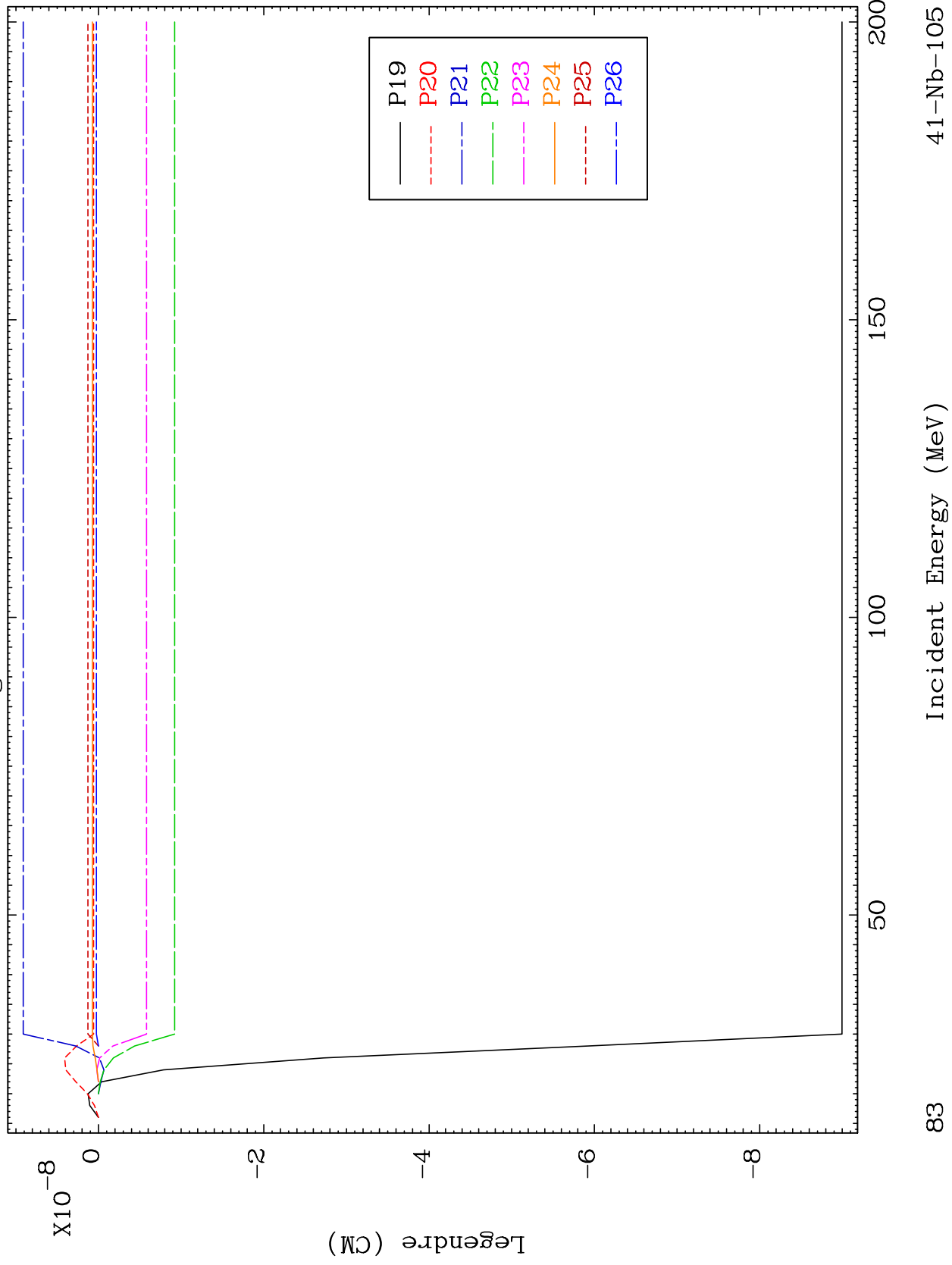
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

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



83

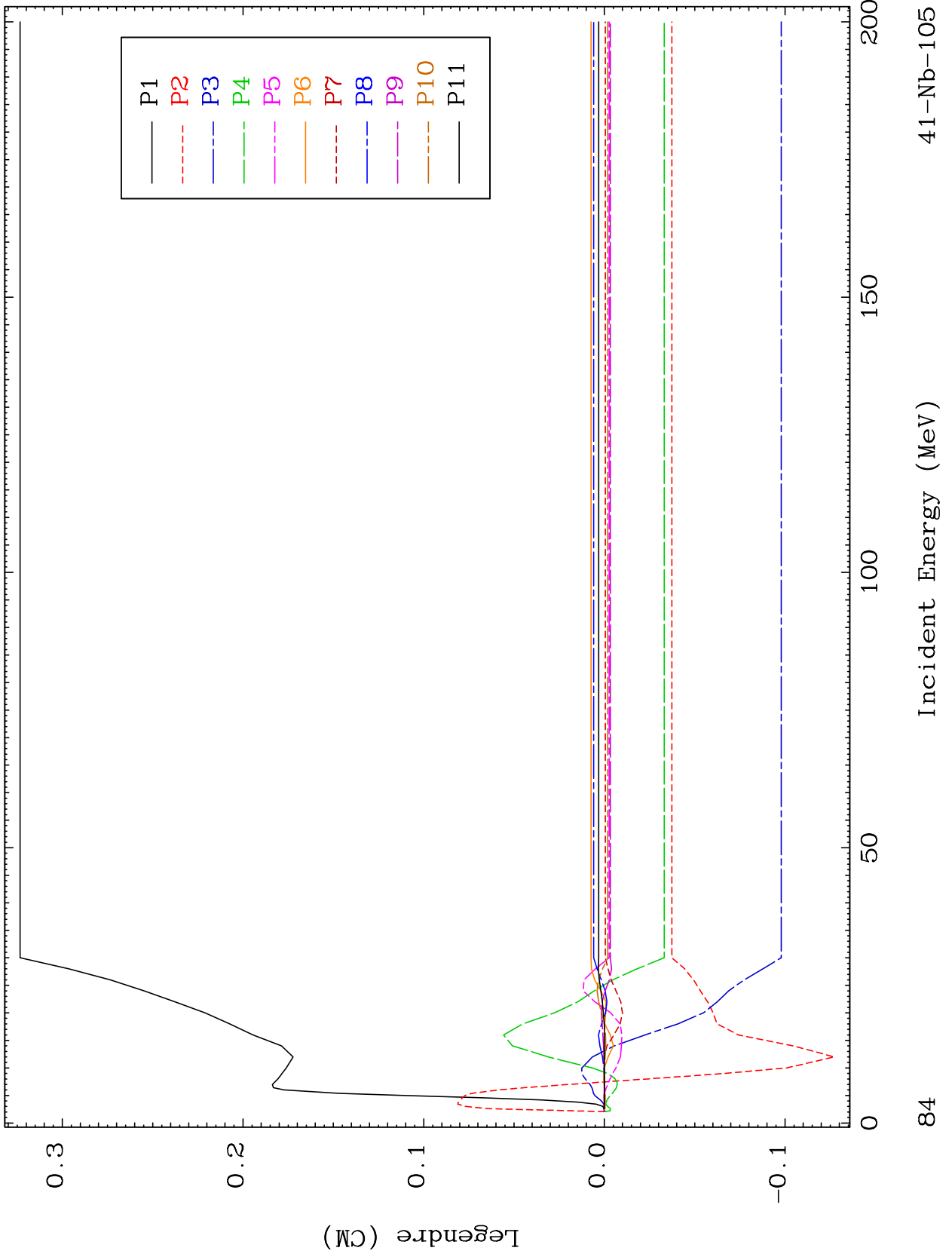
41-Nb-105

Incident Energy (MeV)

MAT 4161

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

41-Nb-105

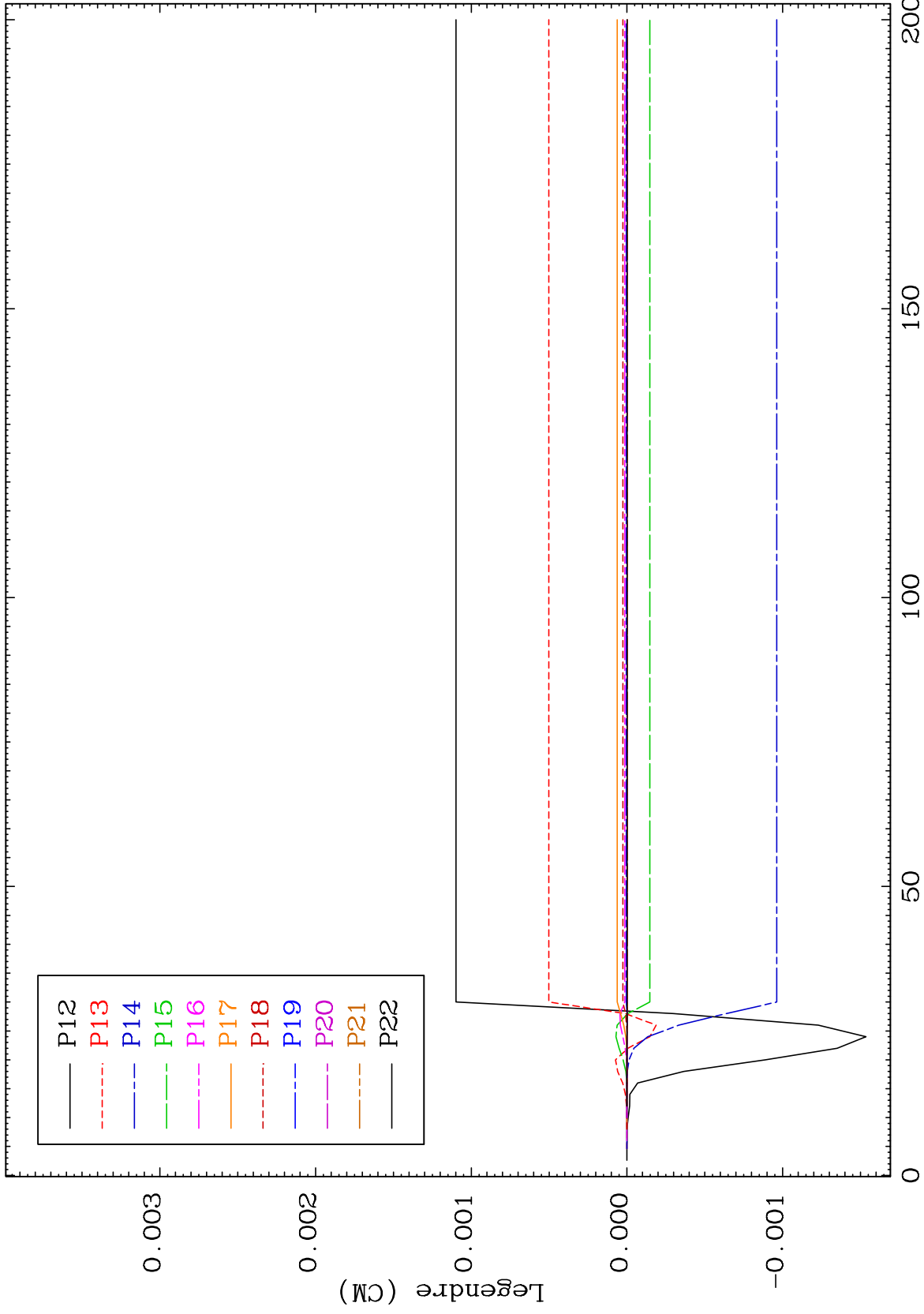


84

MAT 4161

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

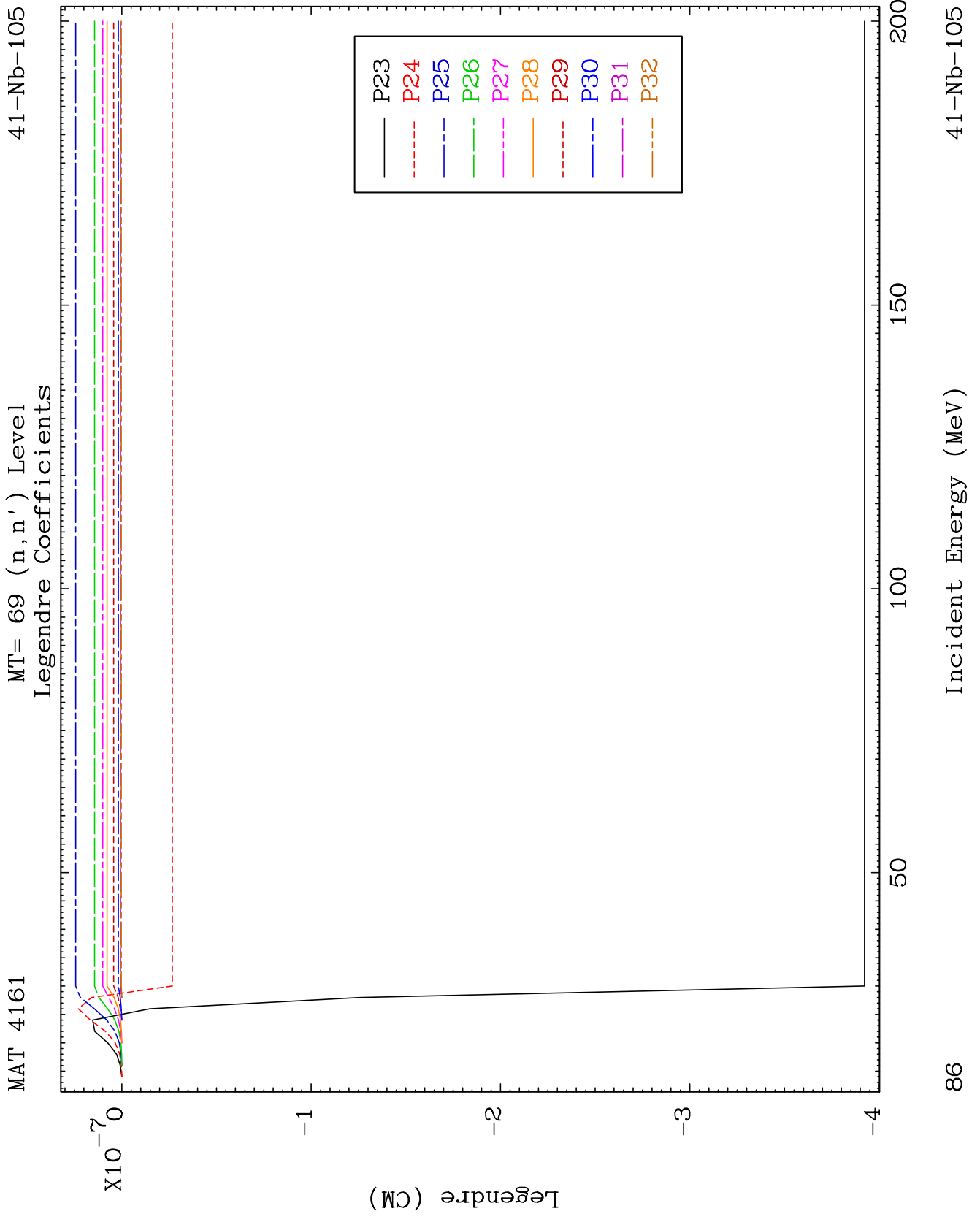
41-Nb-105



85

Incident Energy (MeV)

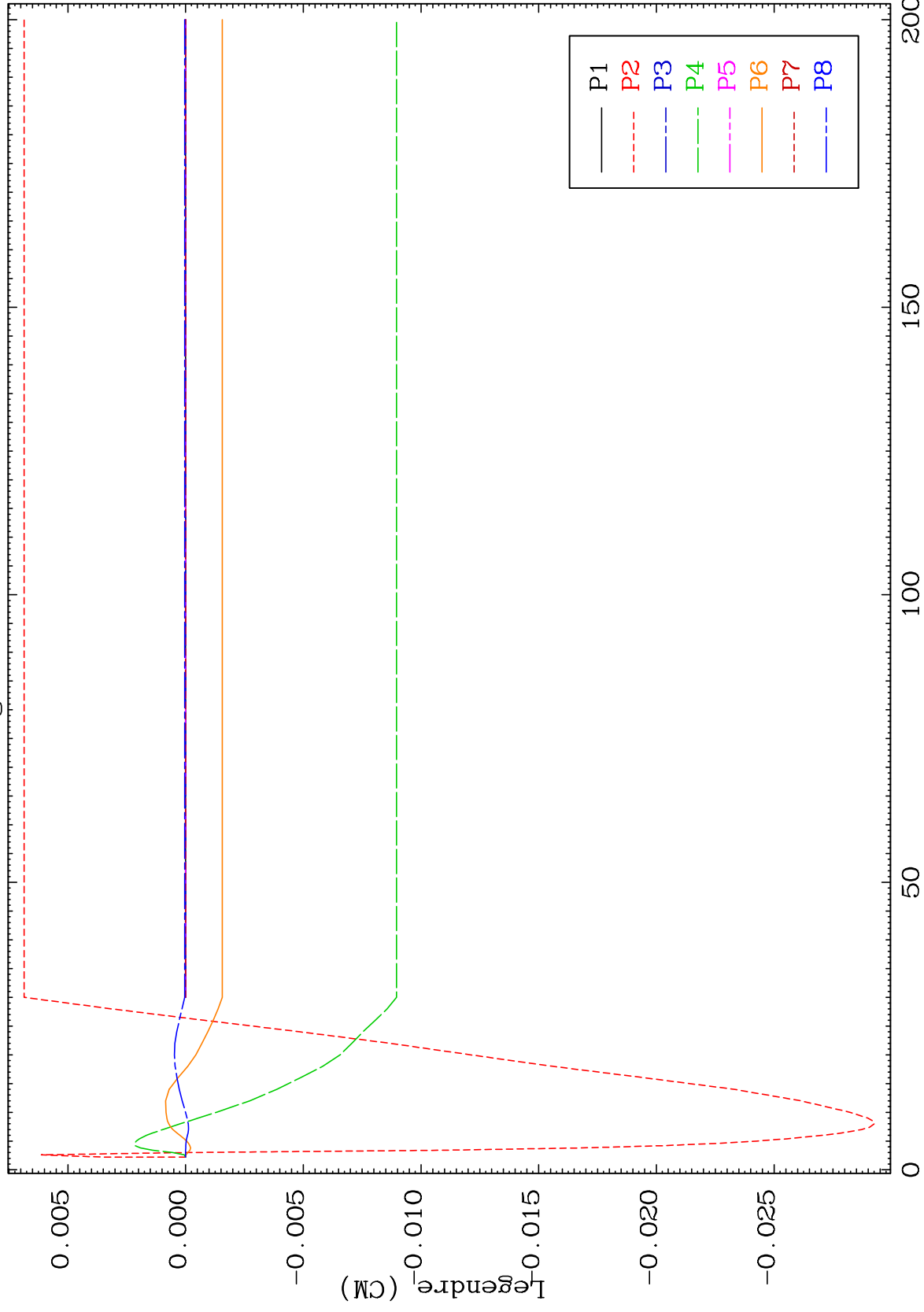
41-Nb-105



MAT 4161

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

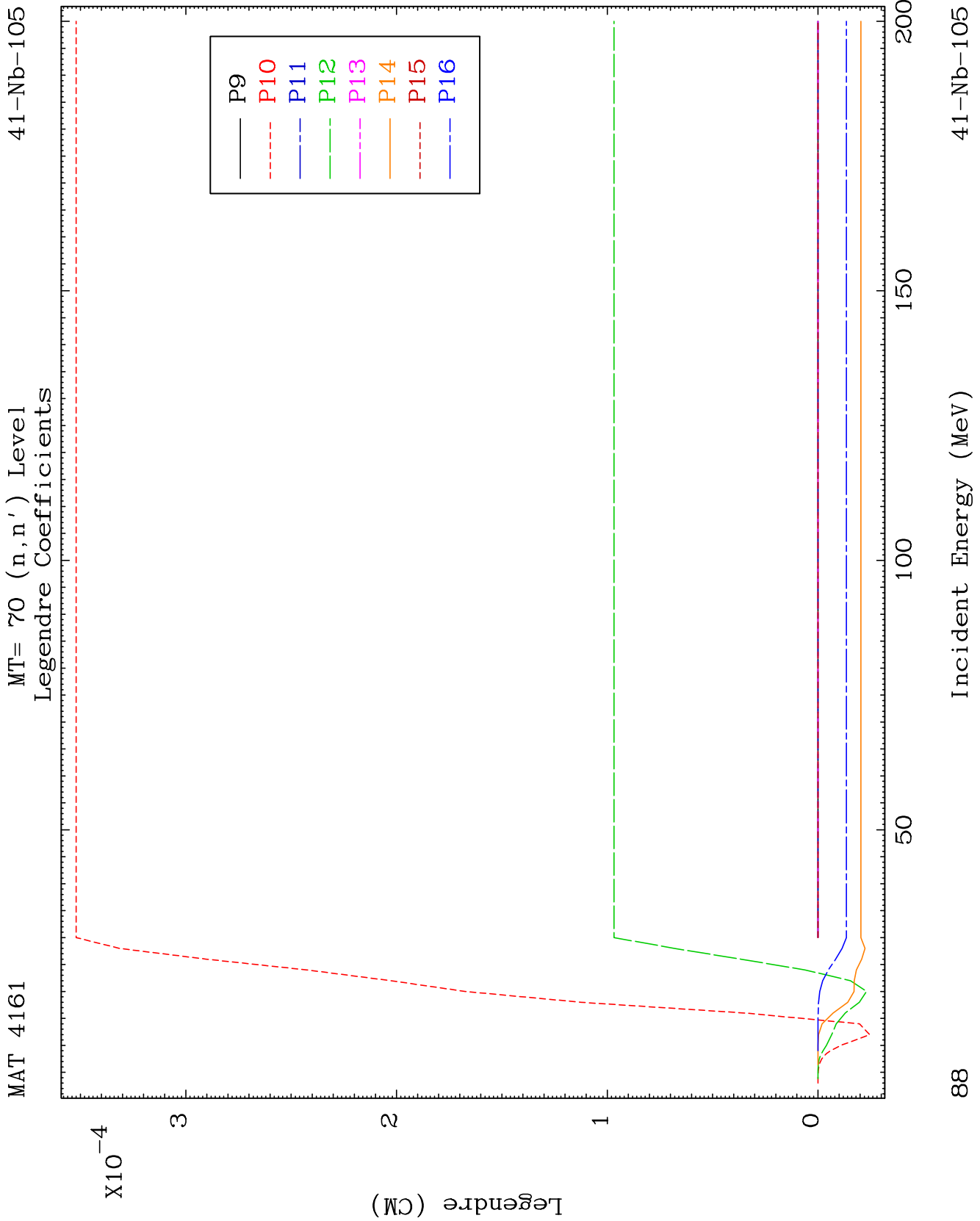
41-Nb-105

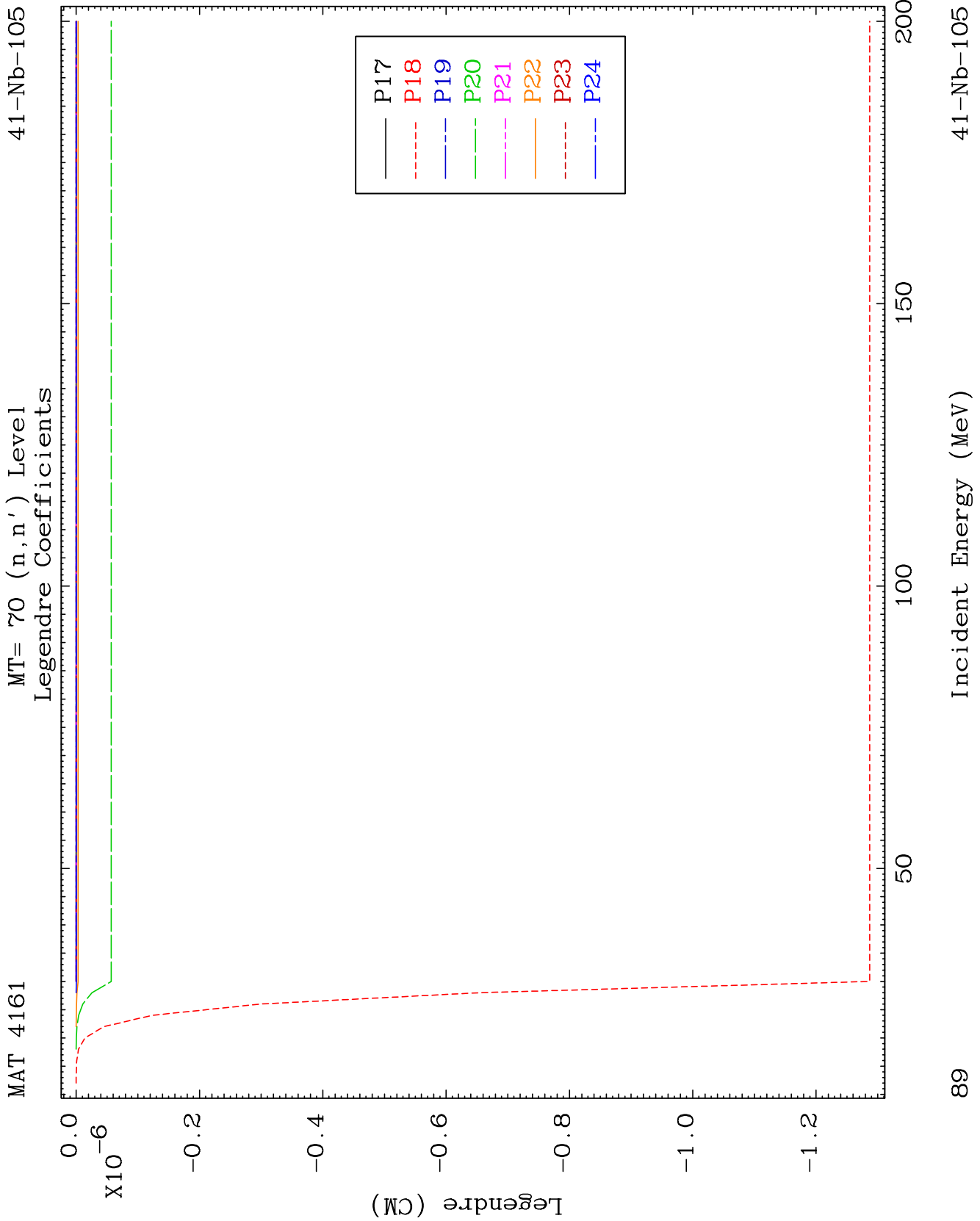


87

Incident Energy (MeV)

41-Nb-105

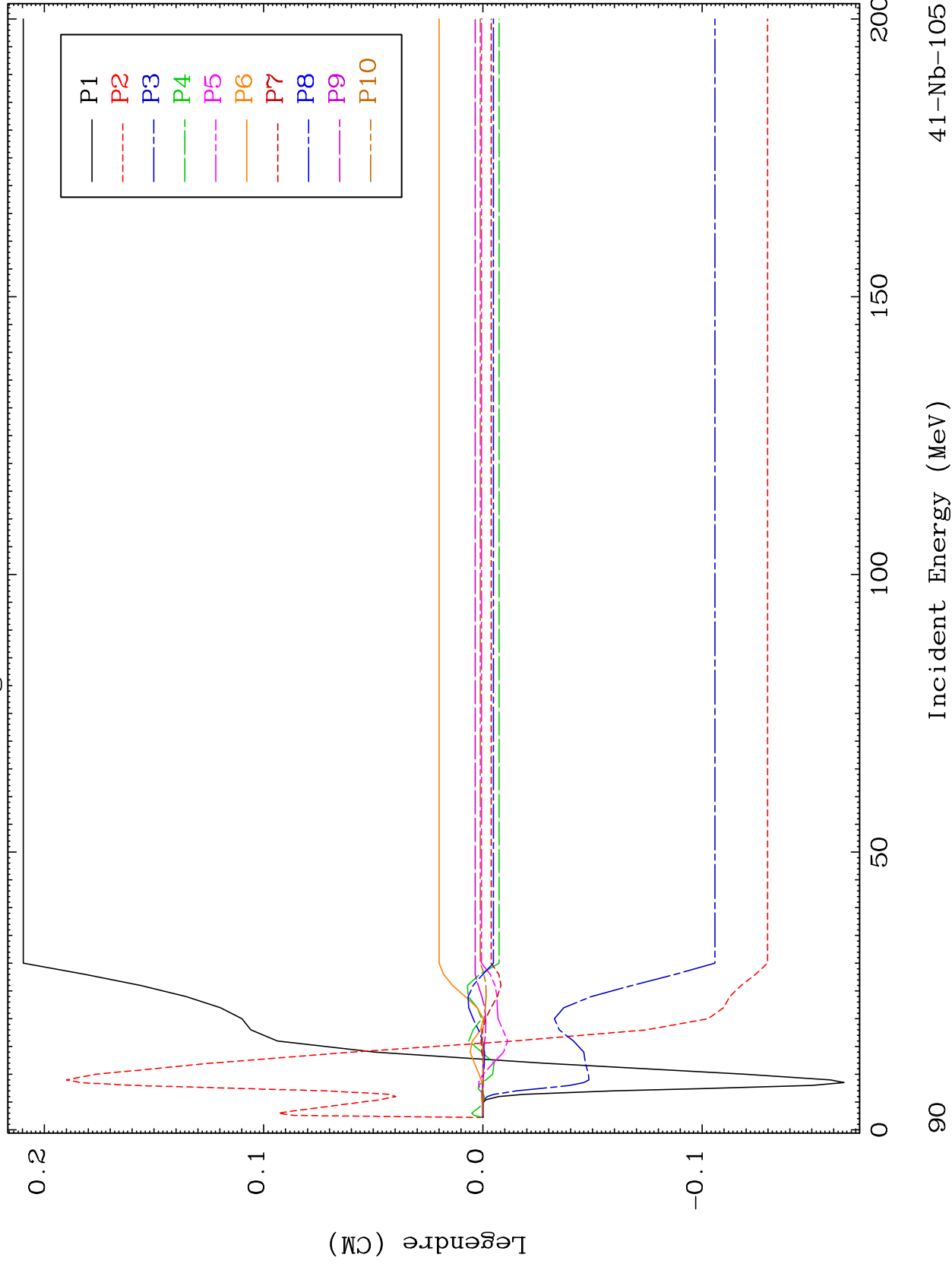




MAT 4161

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

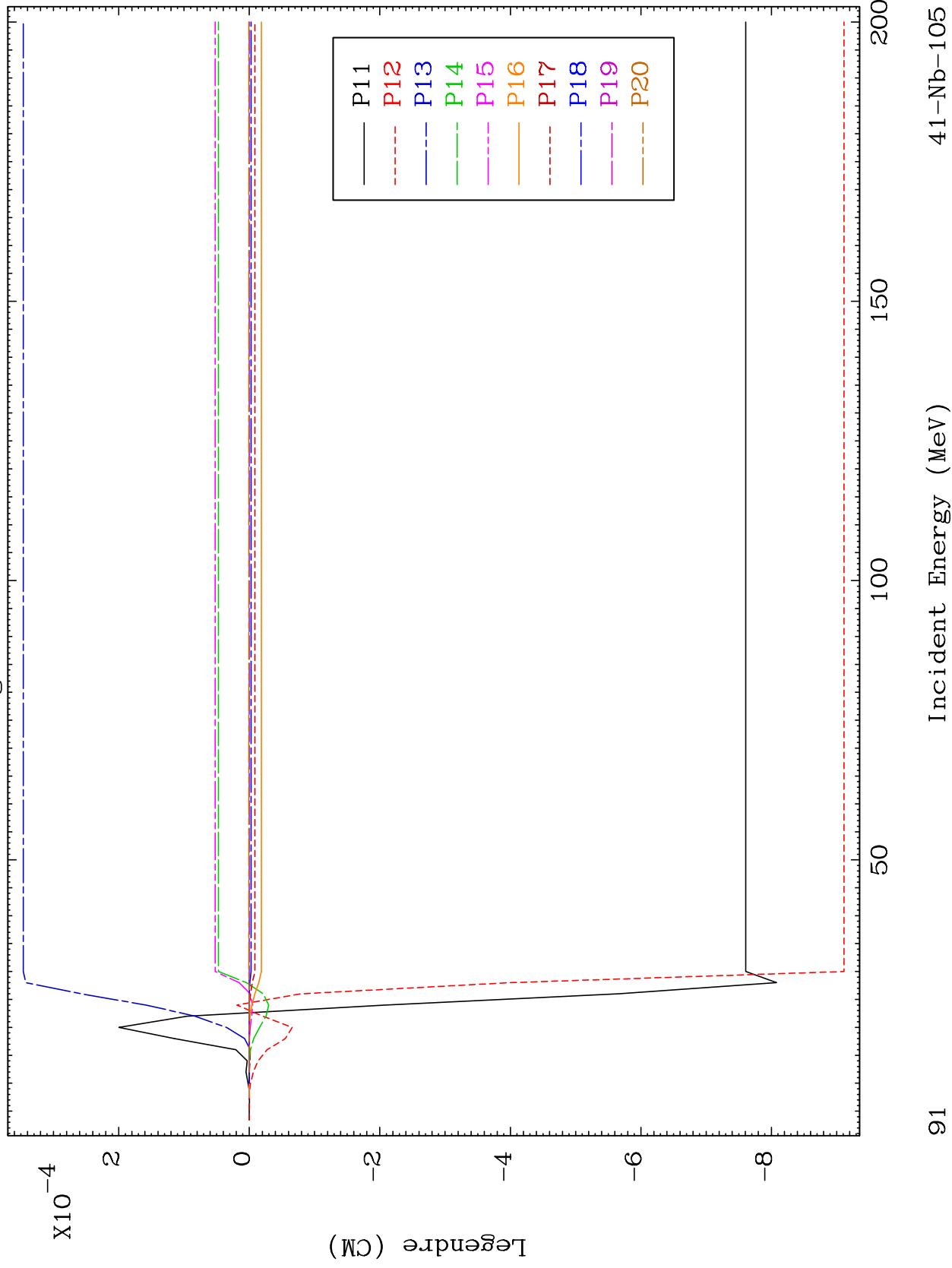
41-Nb-105



MAT 4161

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

41-Nb-105

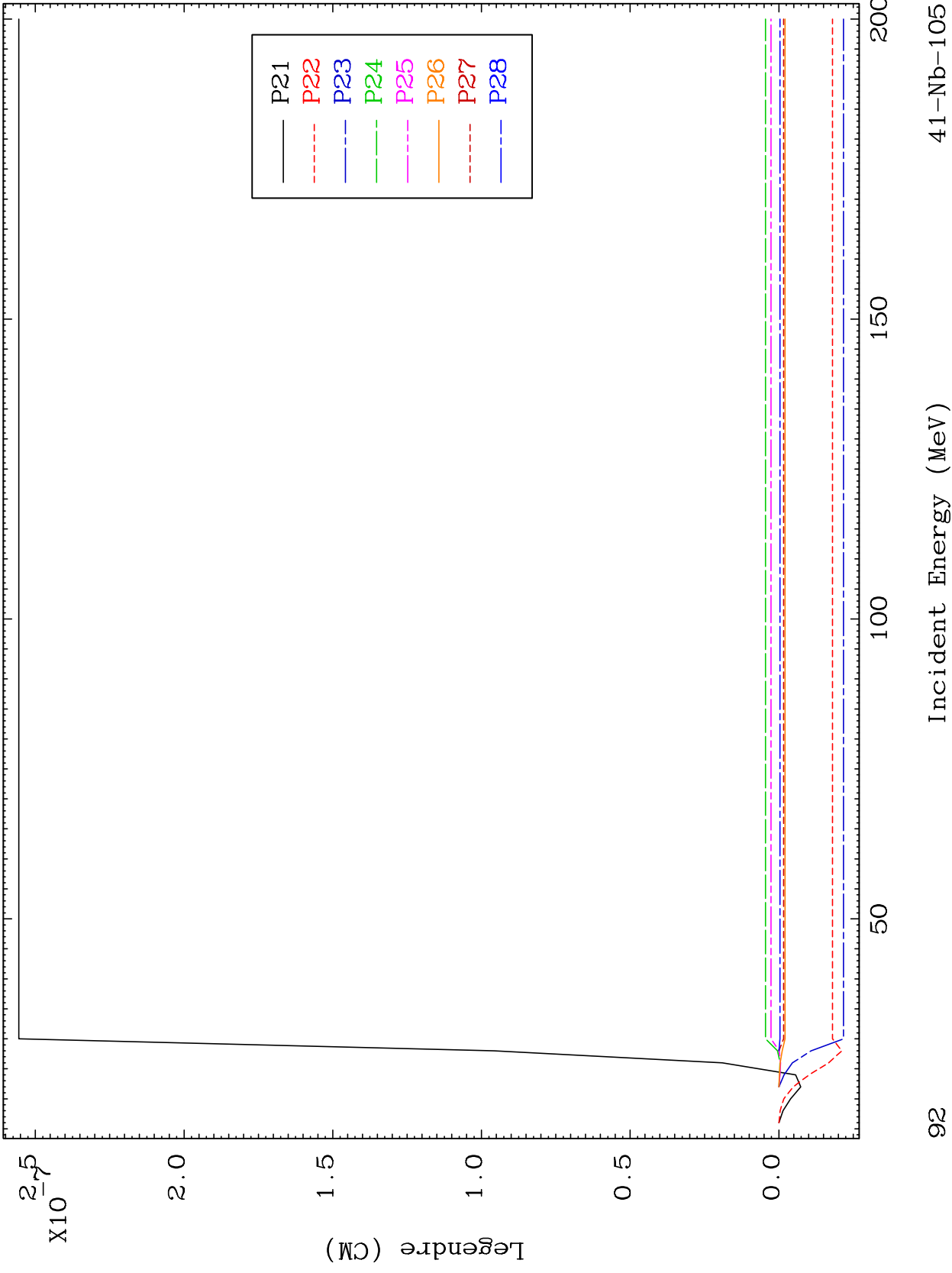


91

MAT 4161

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

41-Nb-105



92

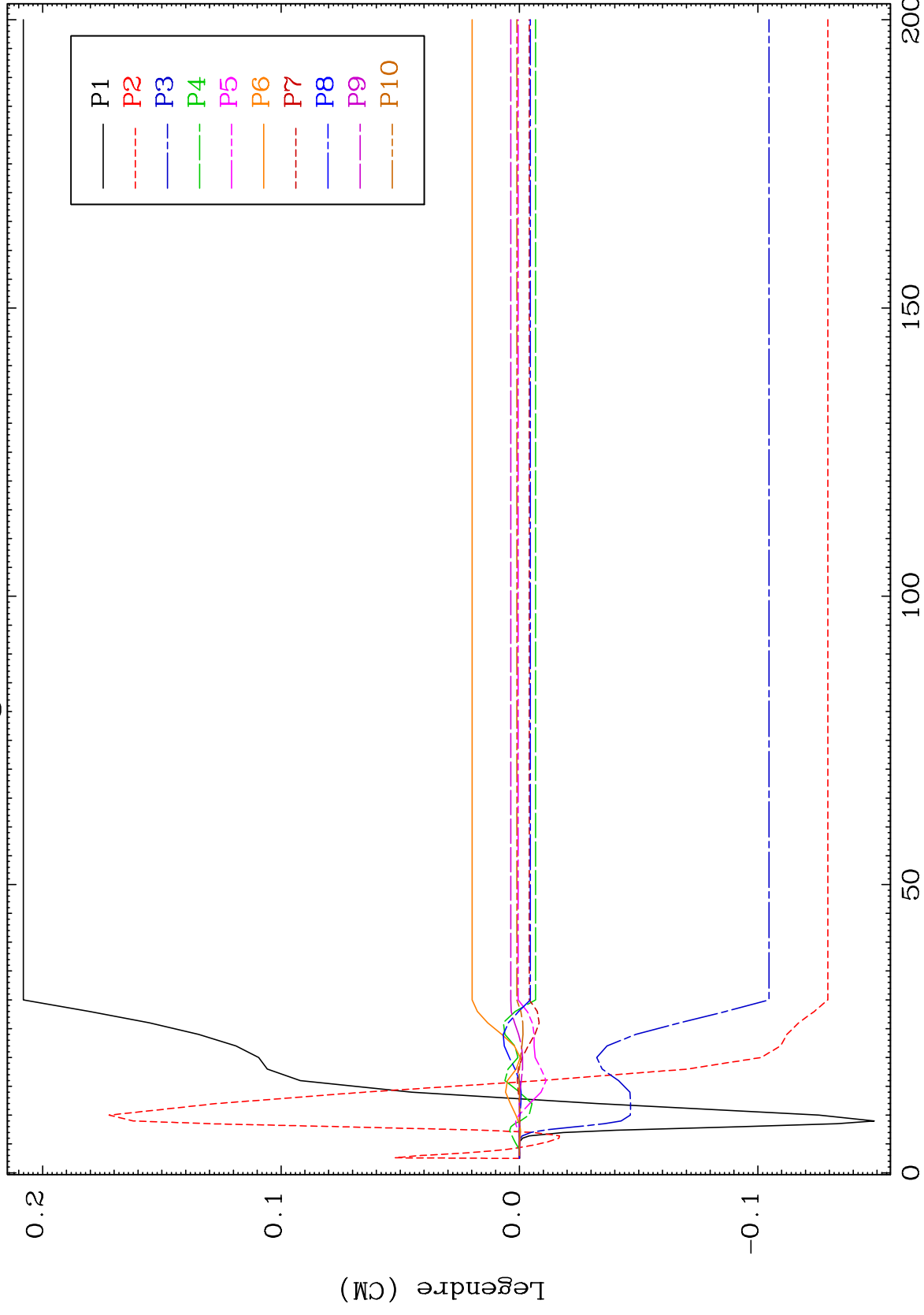
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



93

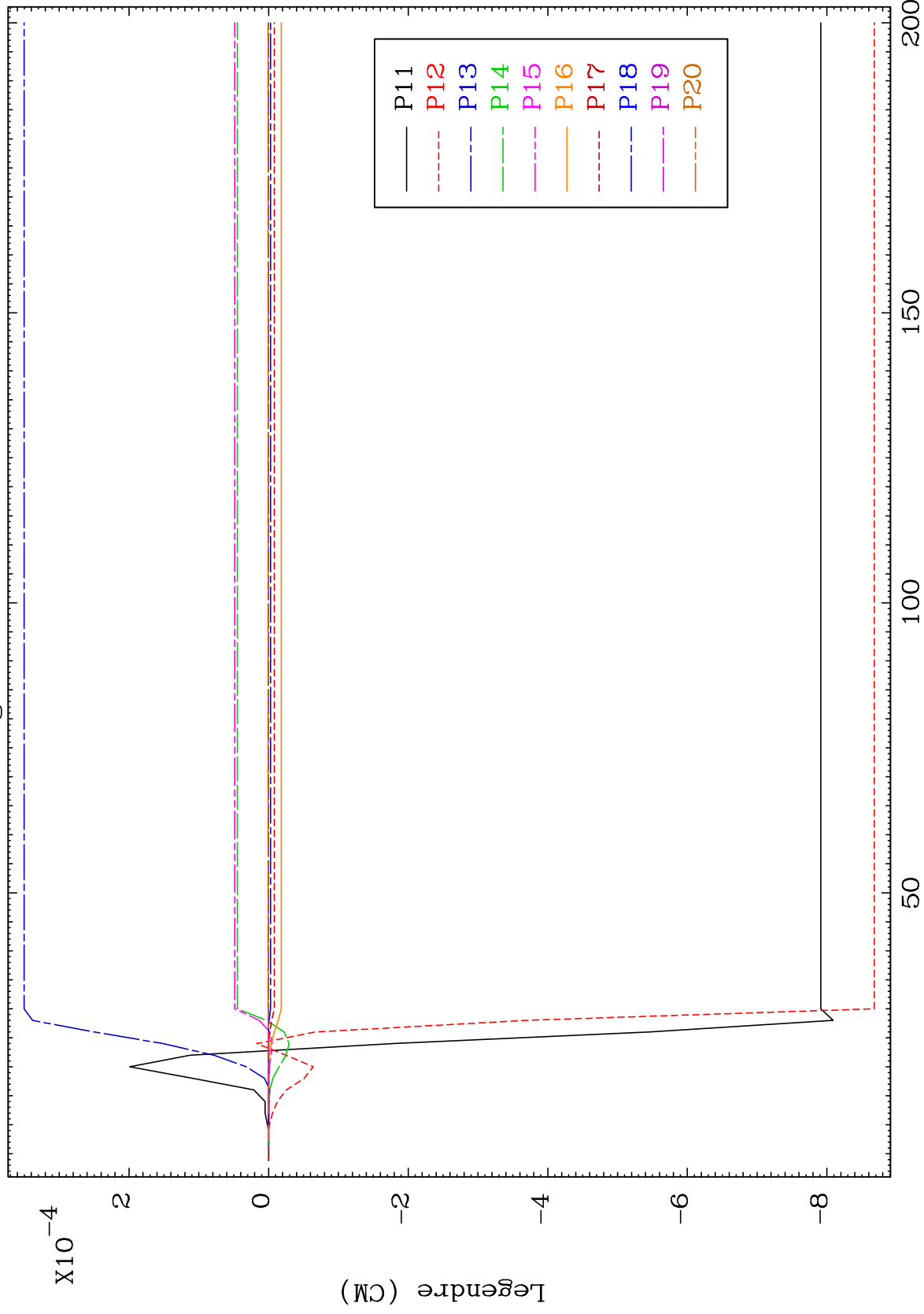
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



94

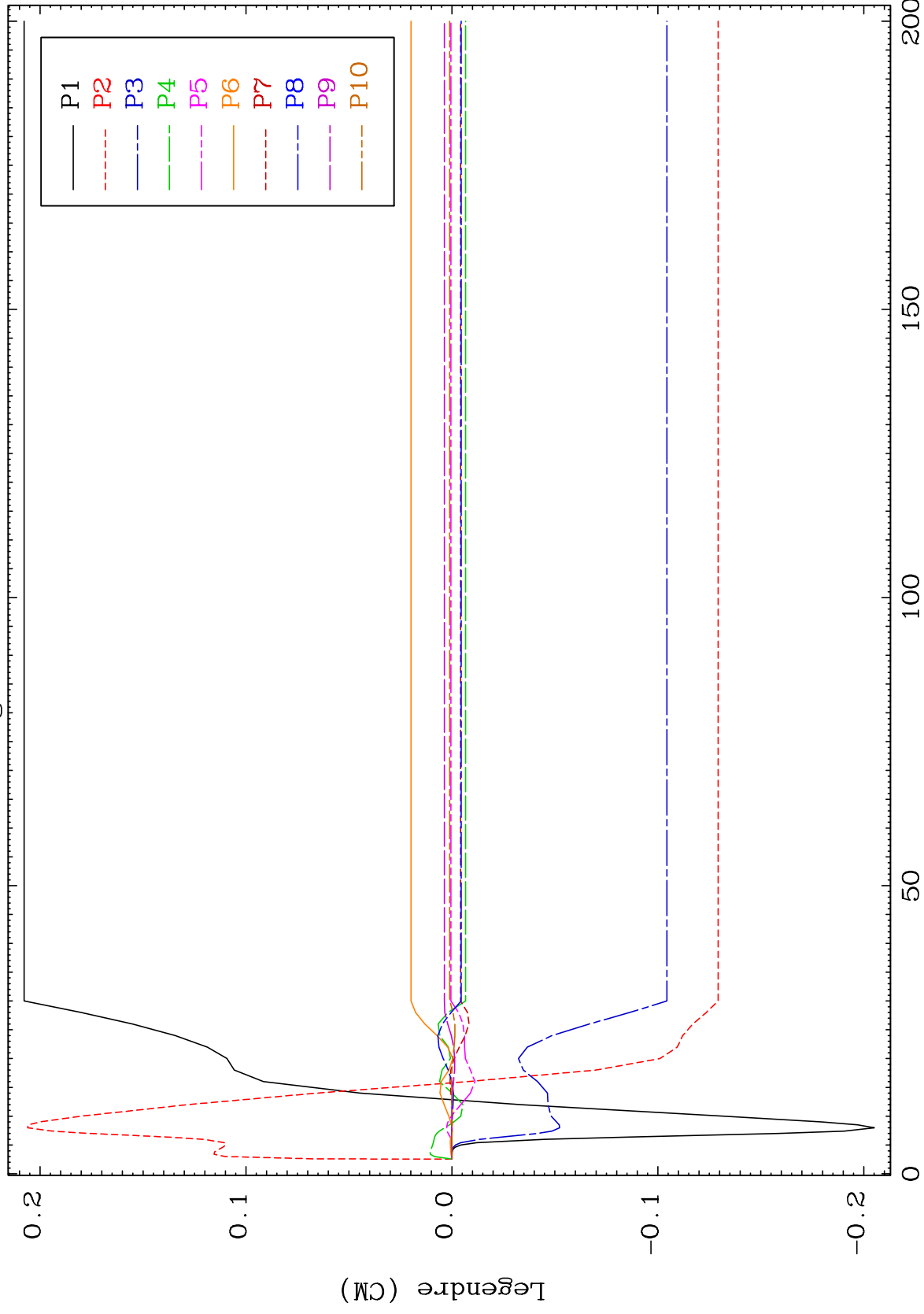
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



96

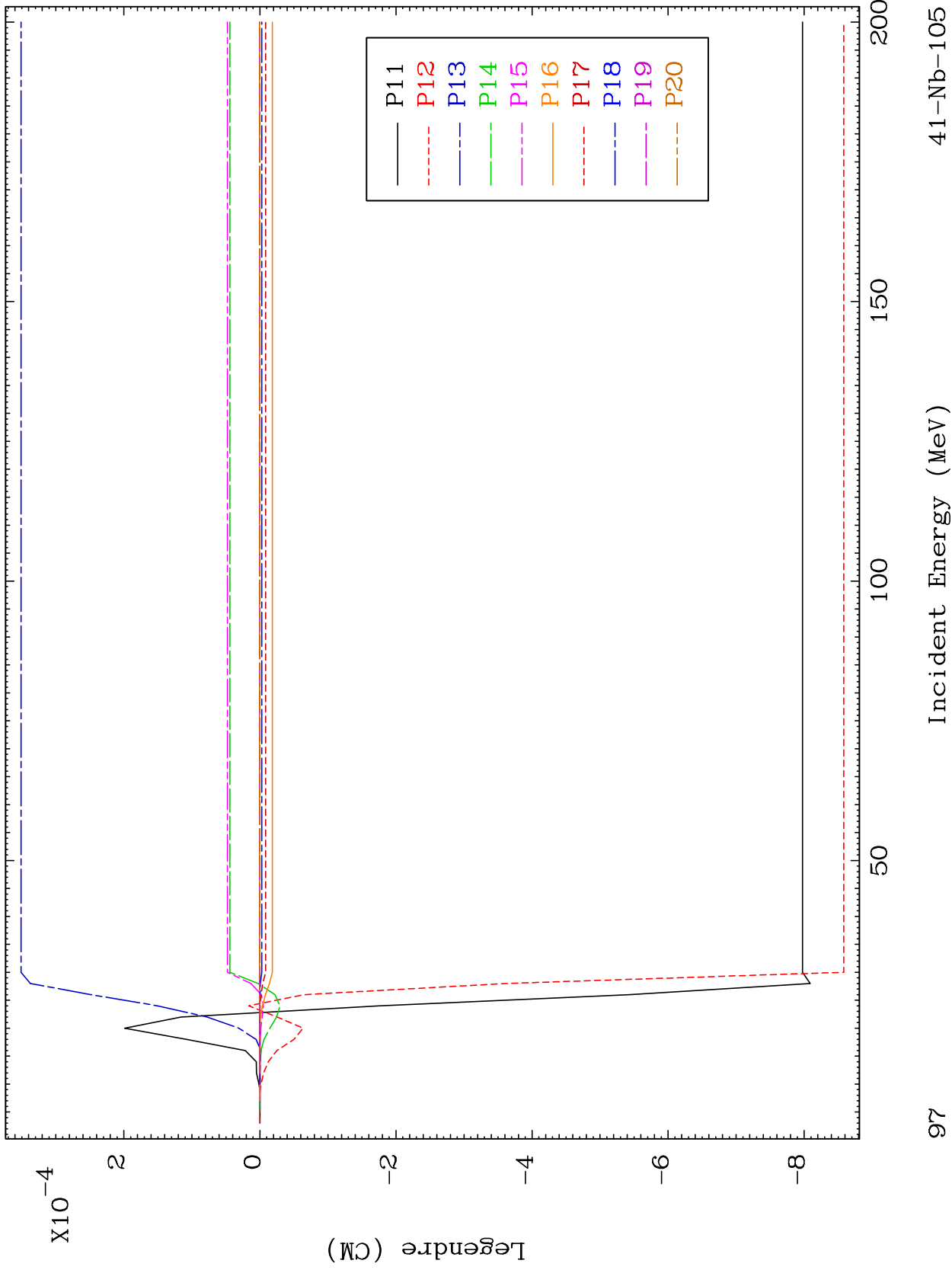
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

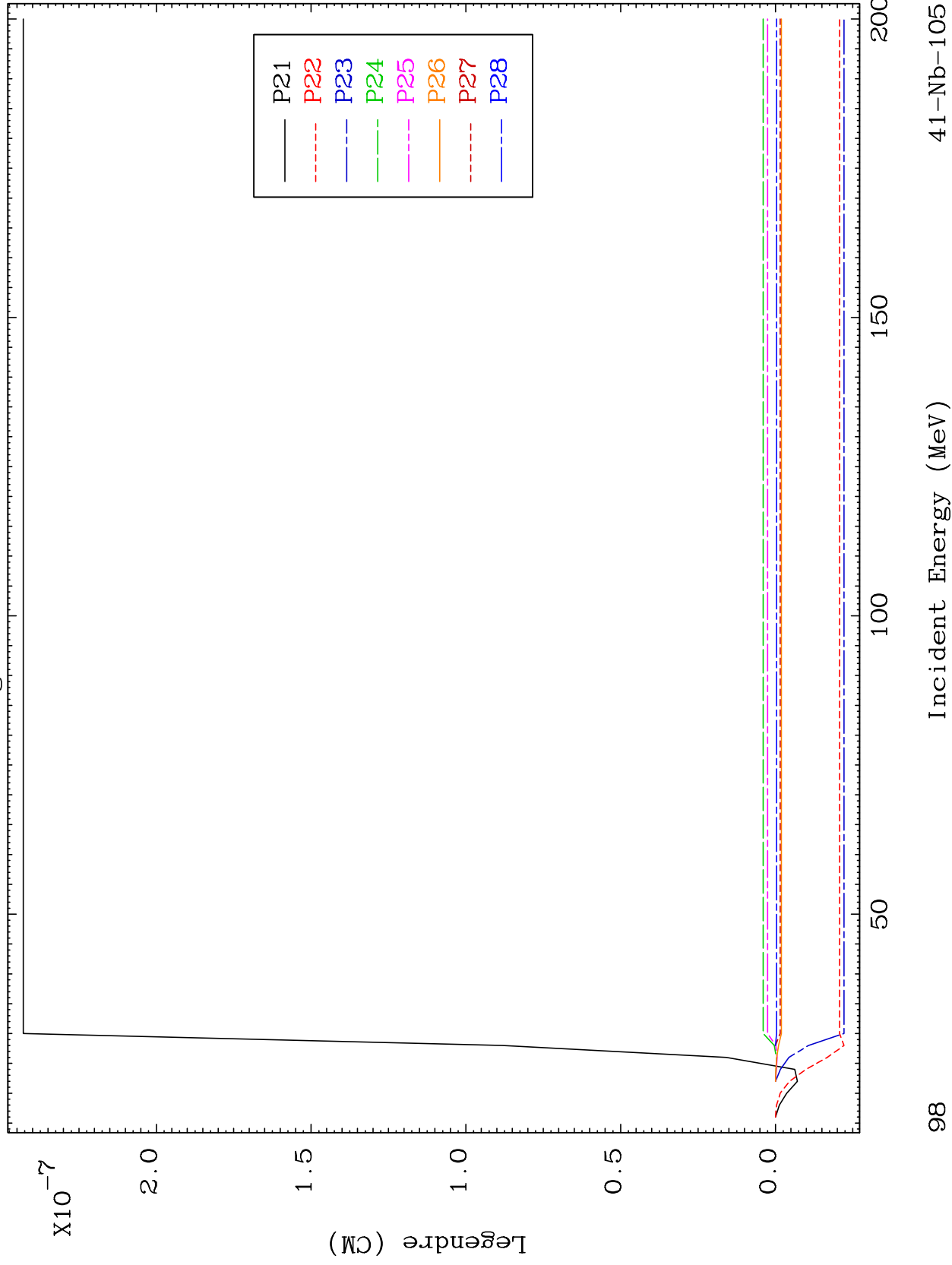
41-Nb-105



MAT 4161

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

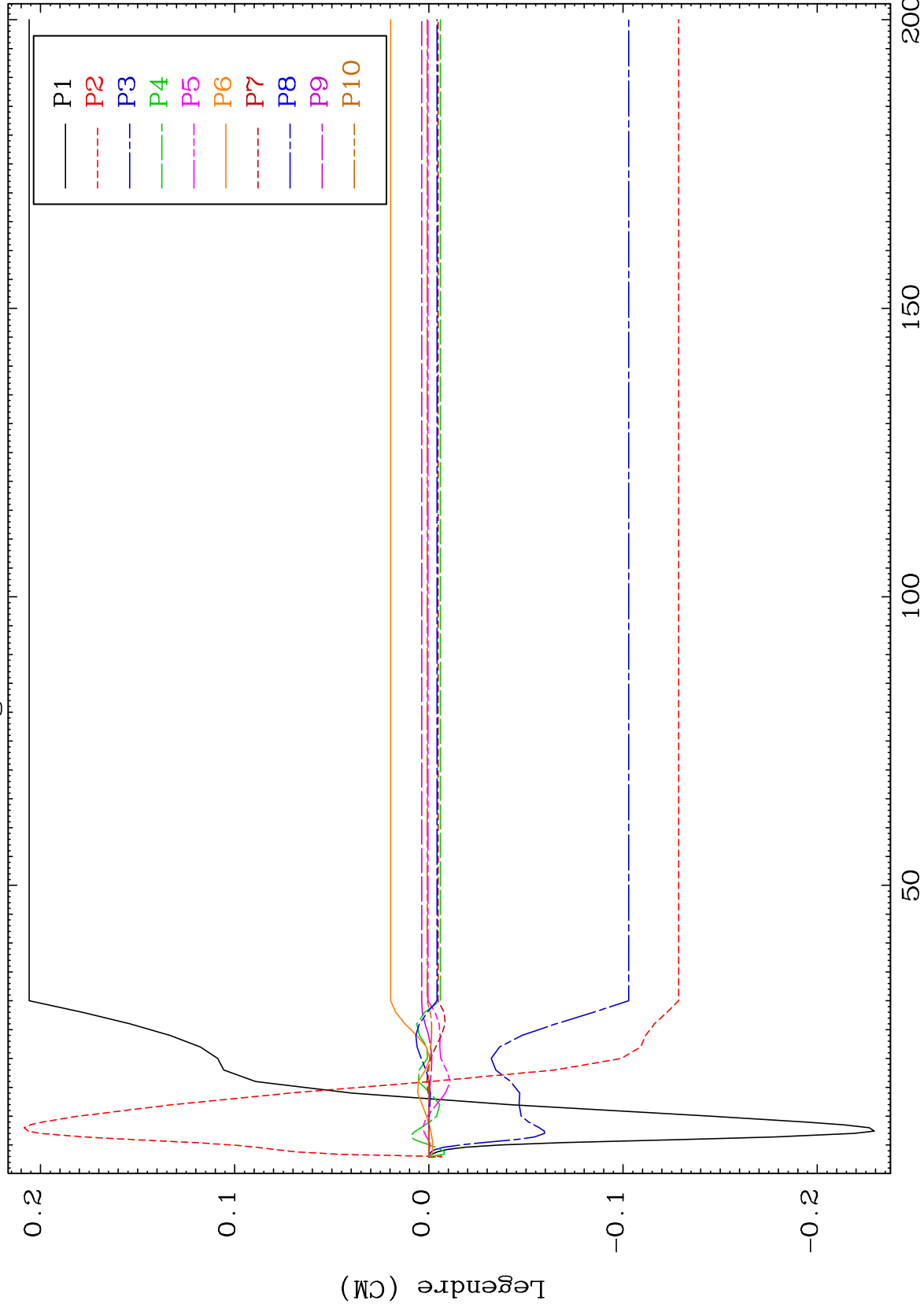
41-Nb-105



MAT 4161

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

41-Nb-105



99

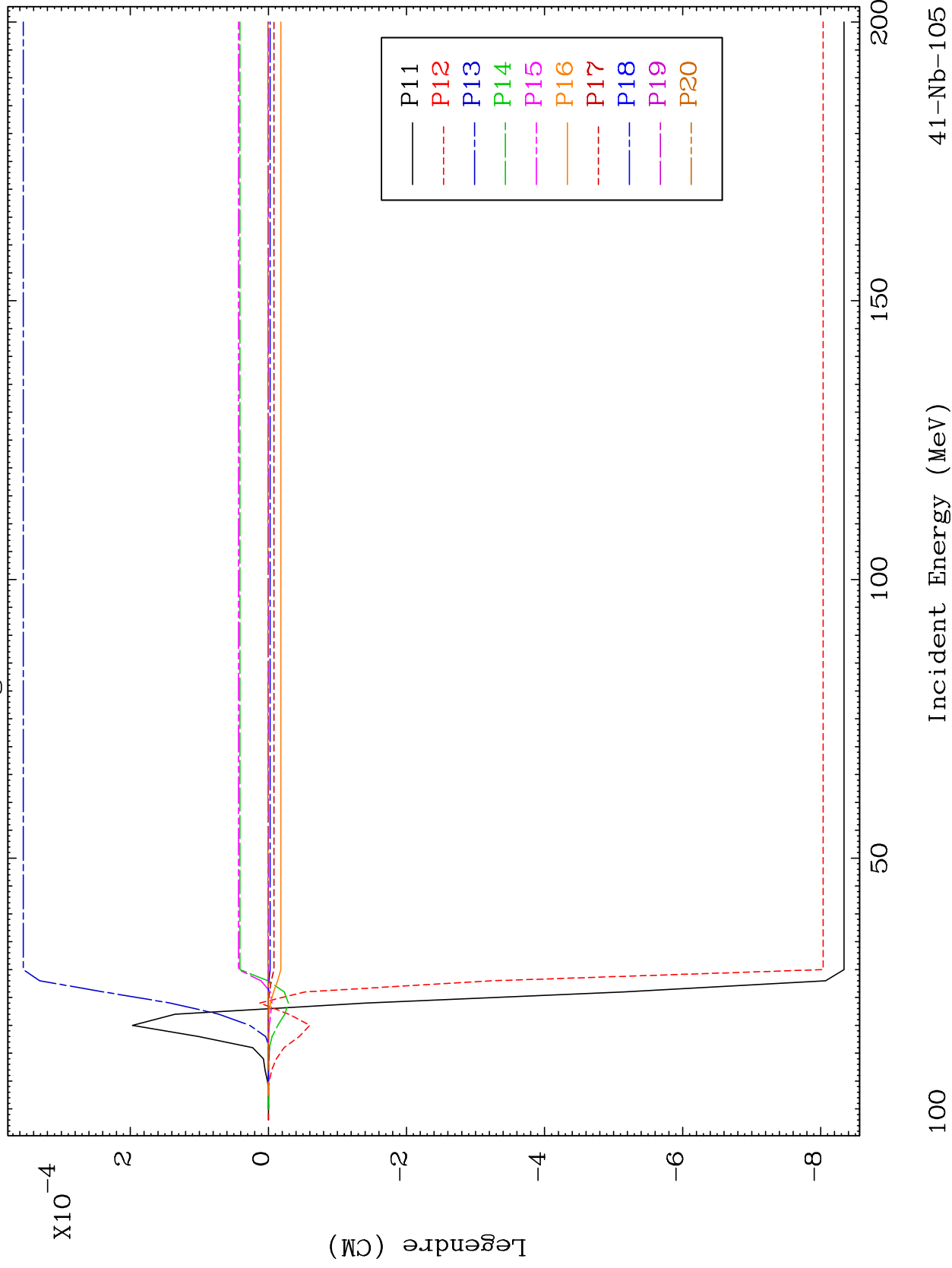
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

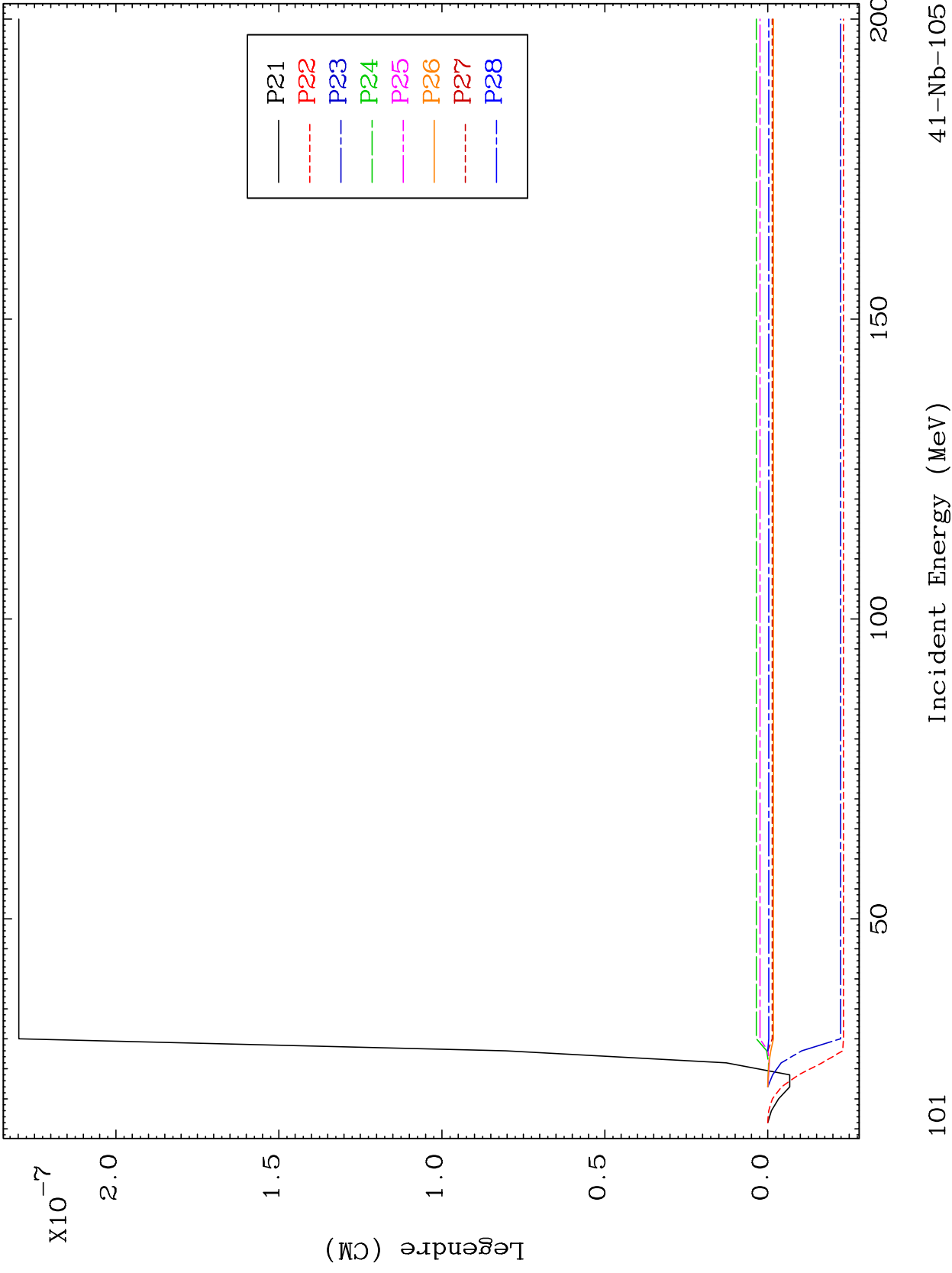
41-Nb-105



MAT 4161

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

41-Nb-105



101

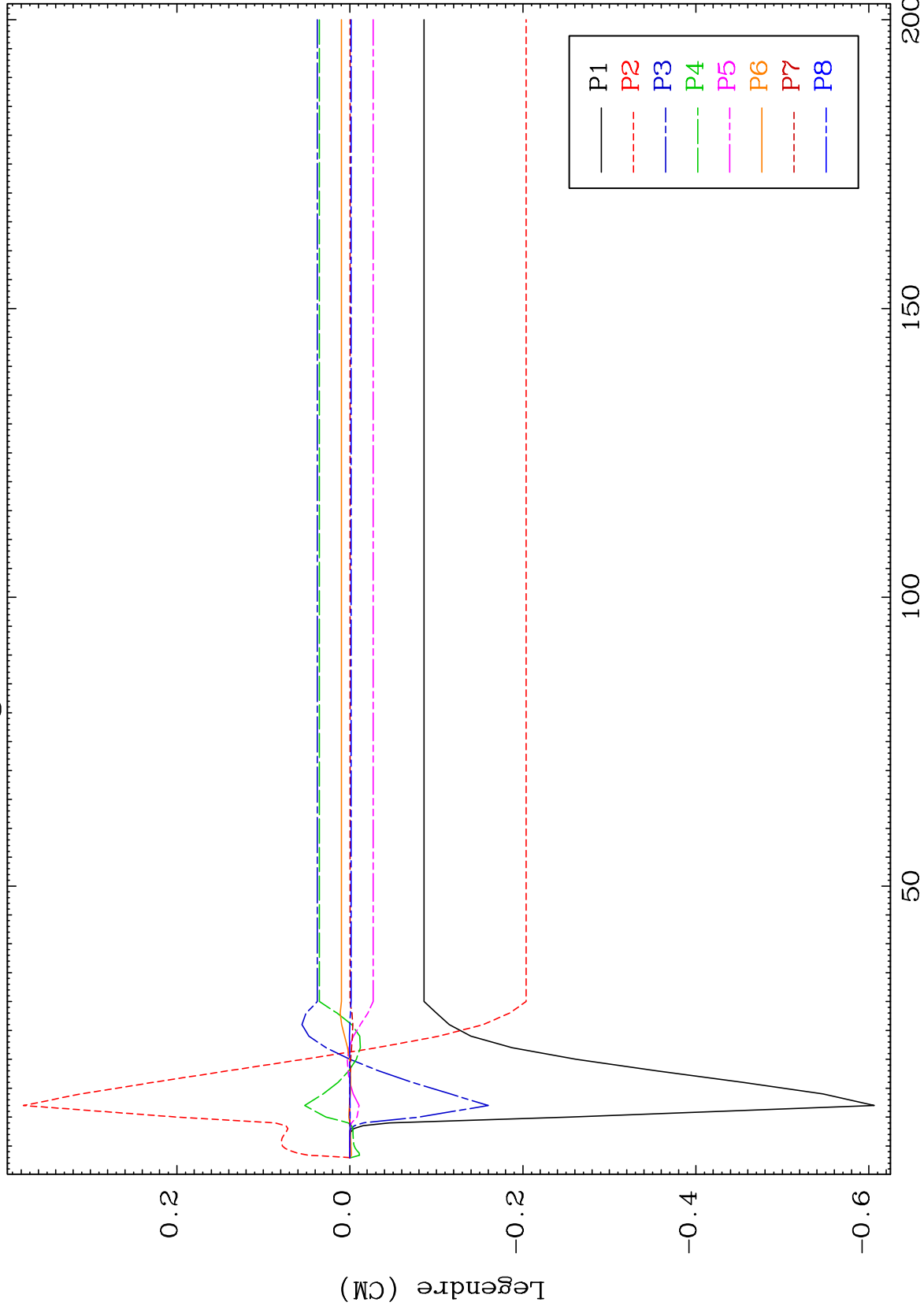
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



102

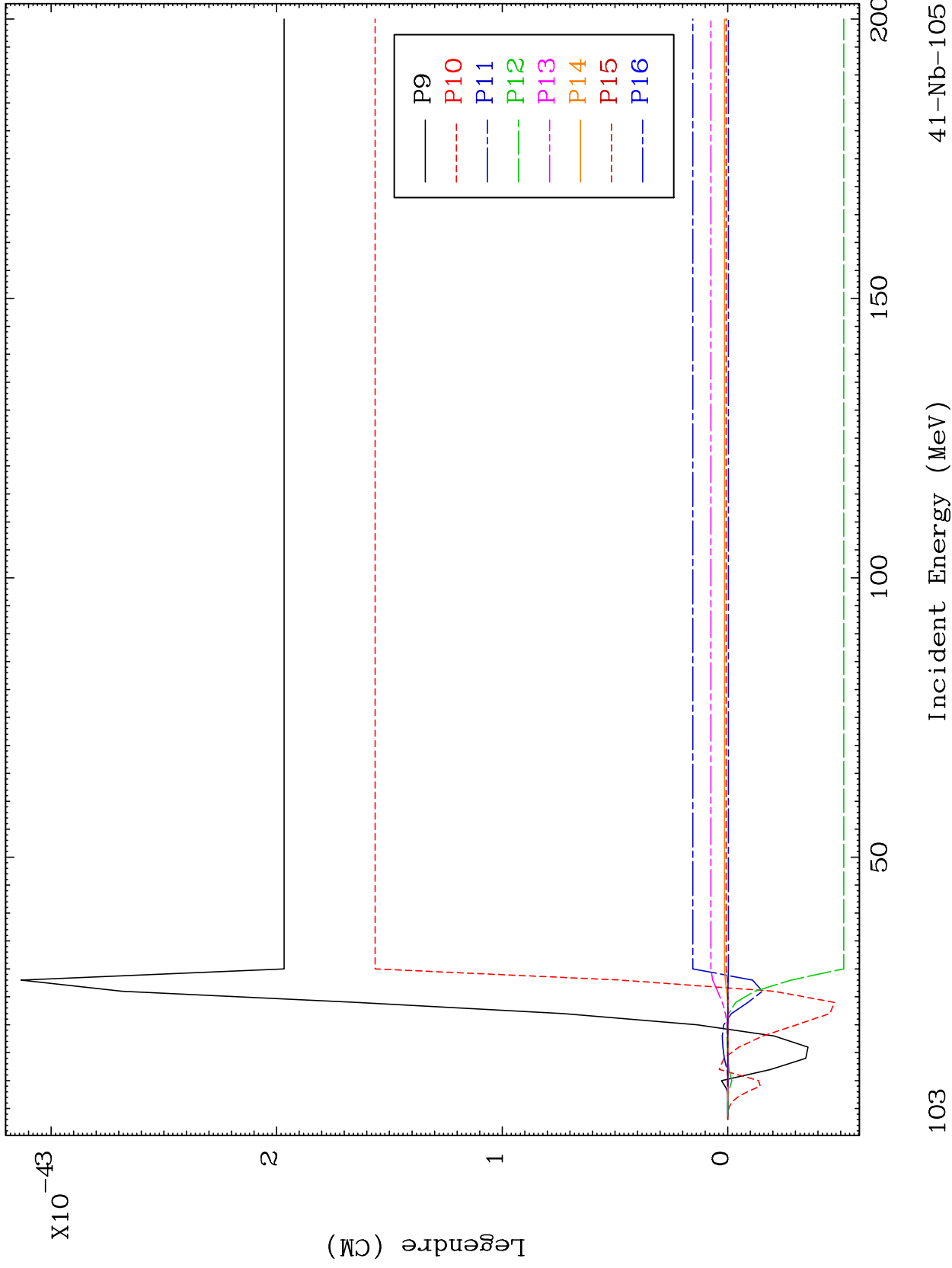
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

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



103

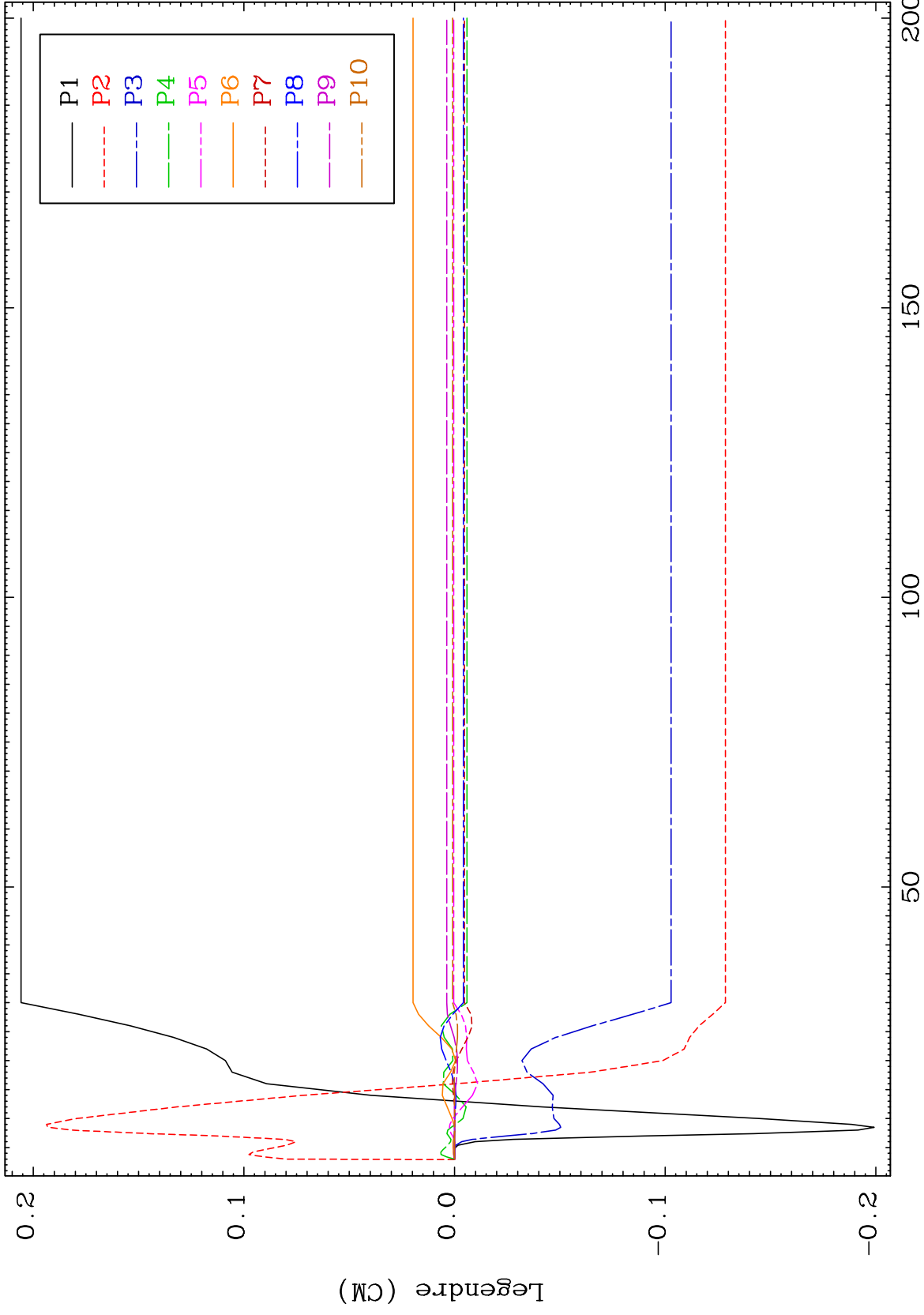
41-Nb-105

MAT 4161

MT= 76 (n,n') Level

41-Nb-105

Legendre Coefficients



105

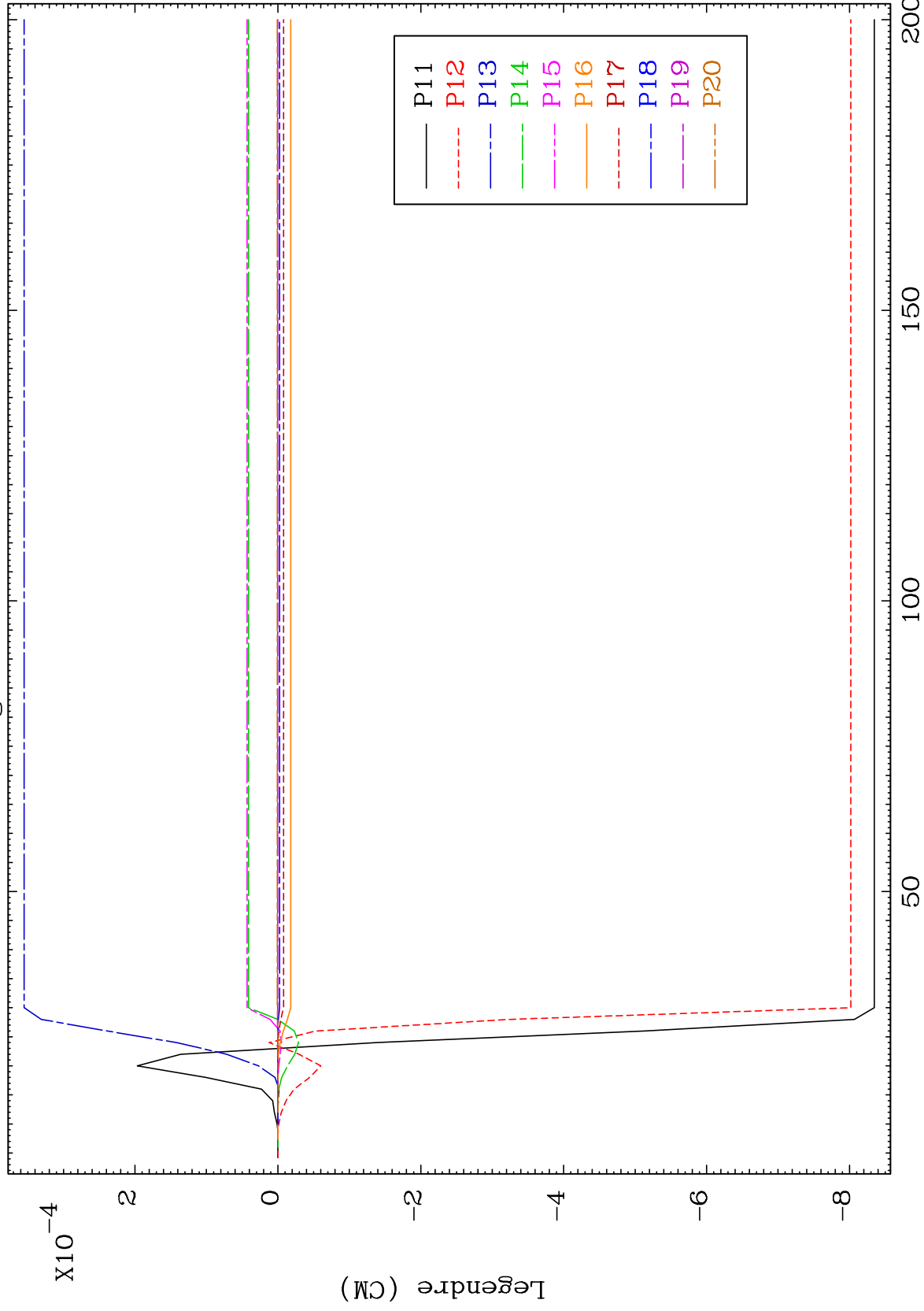
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



106

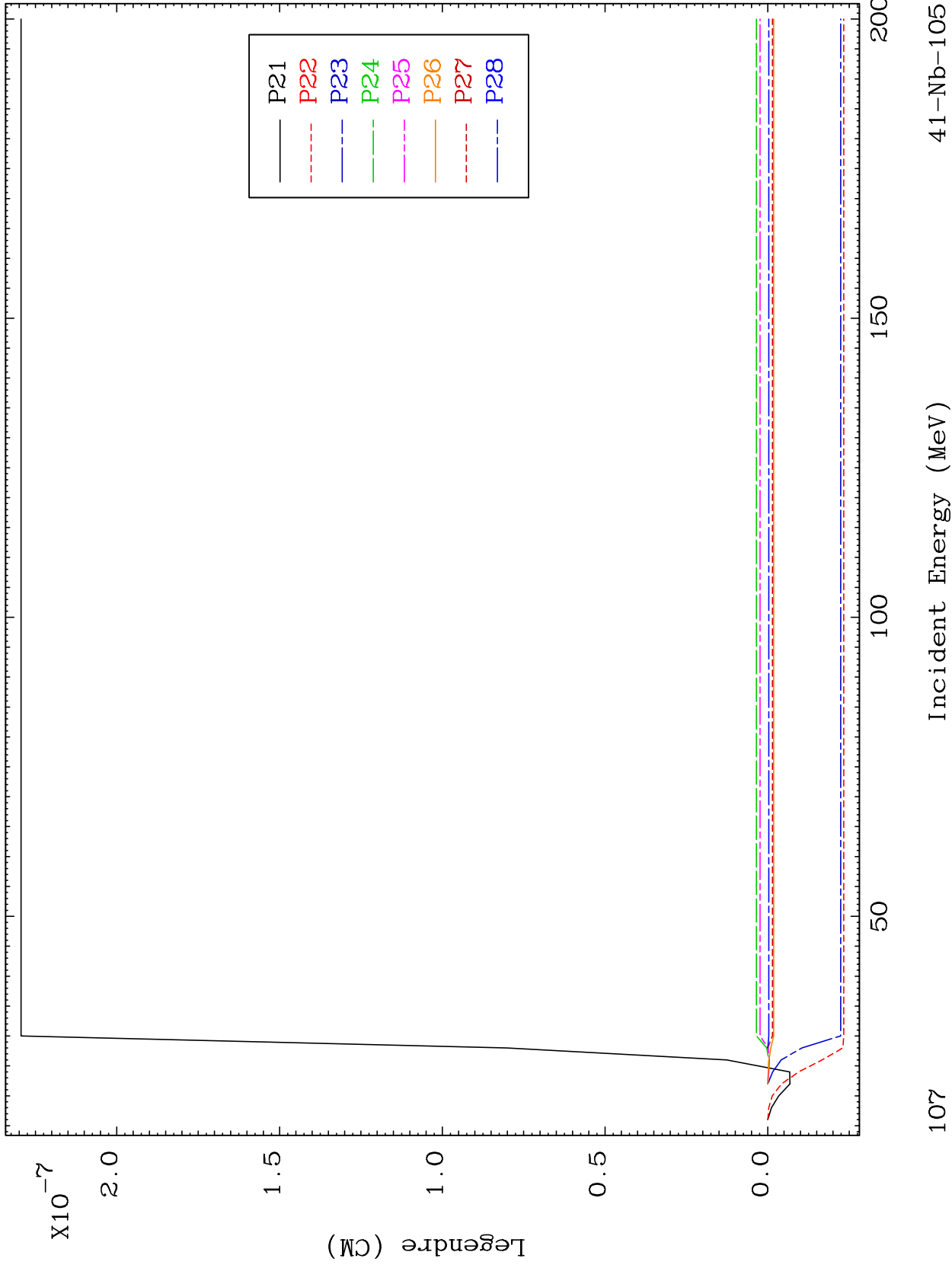
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

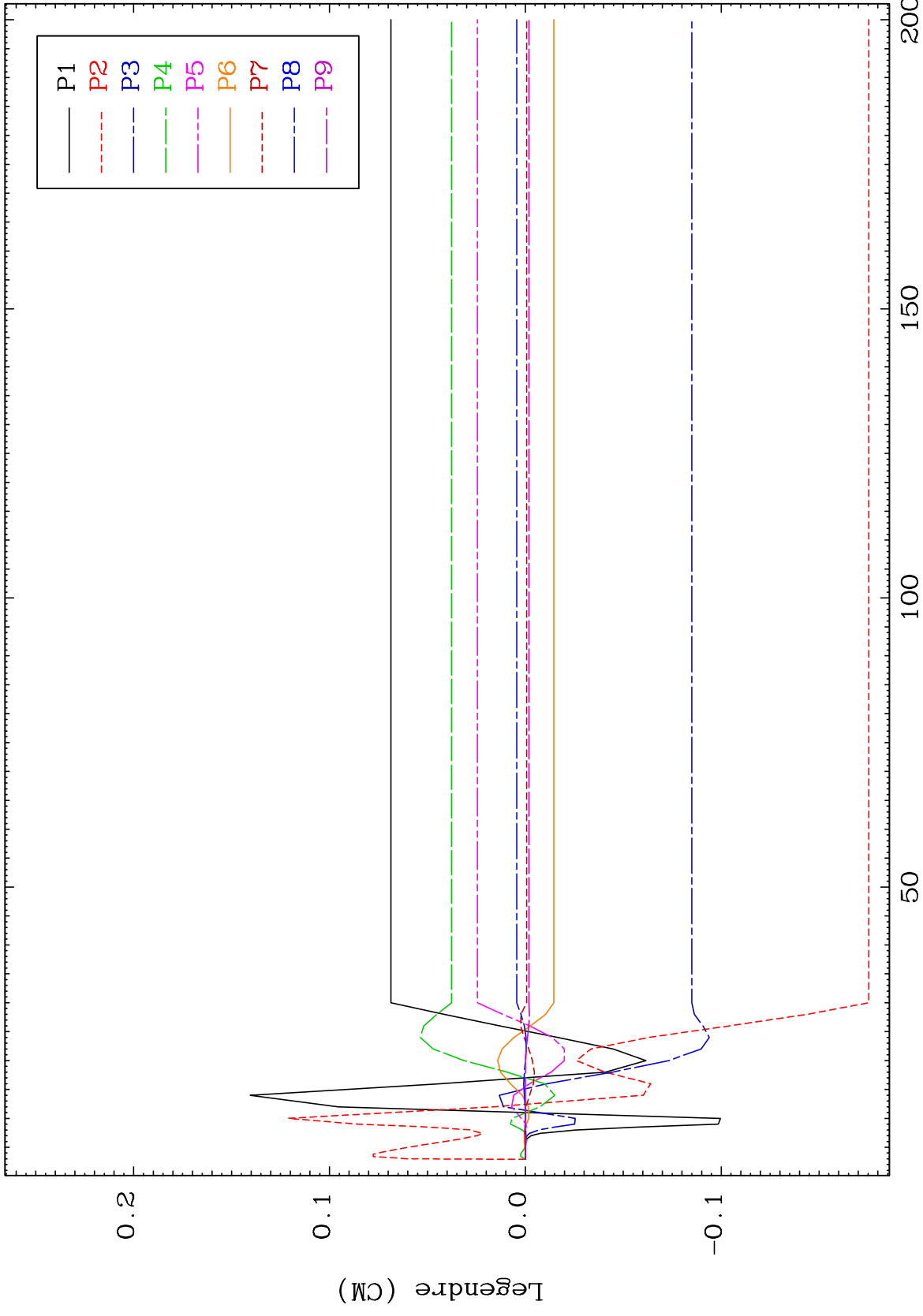
41-Nb-105



MAT 4161

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

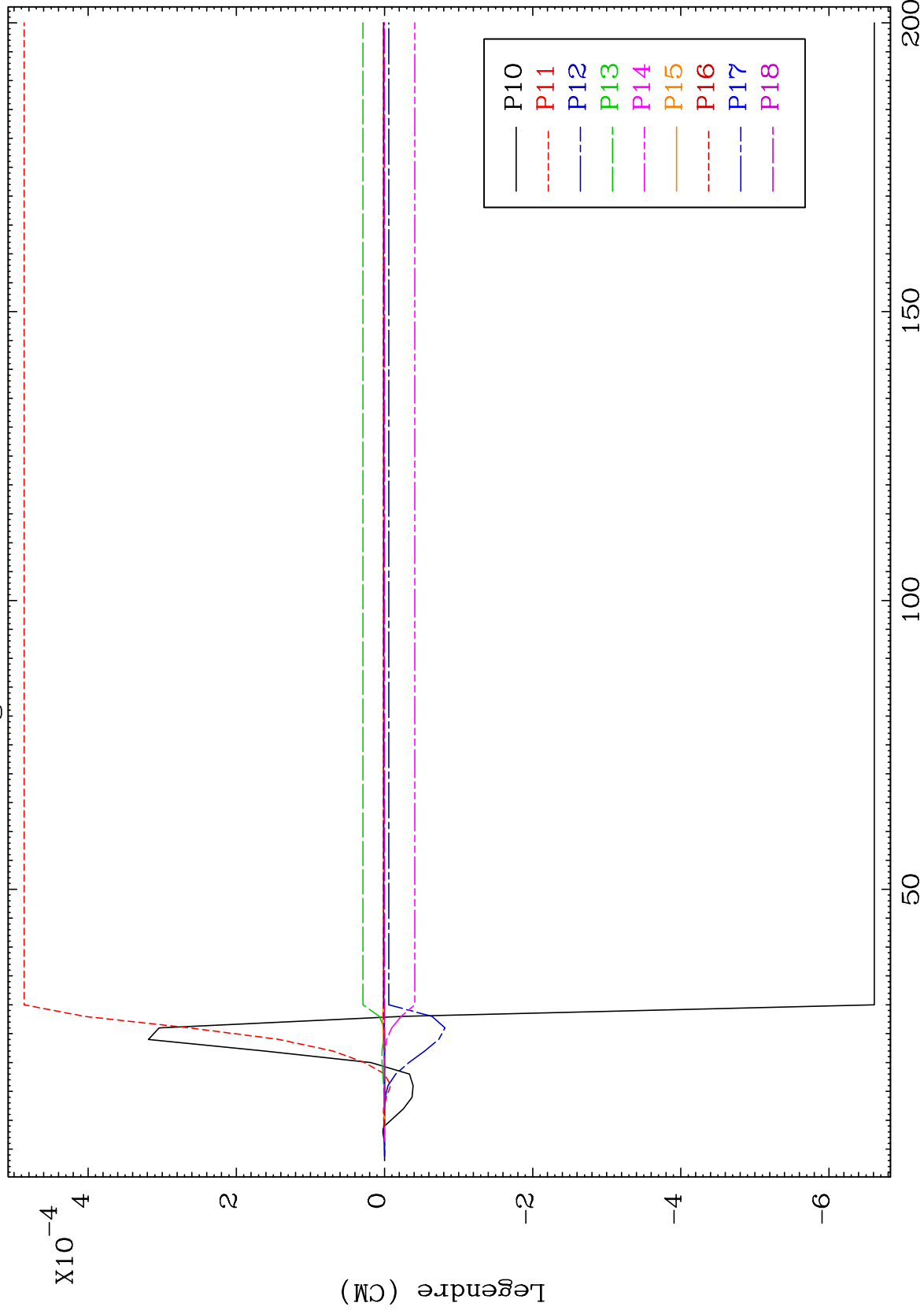
41-Nb-105



MAT 4161

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

41-Nb-105



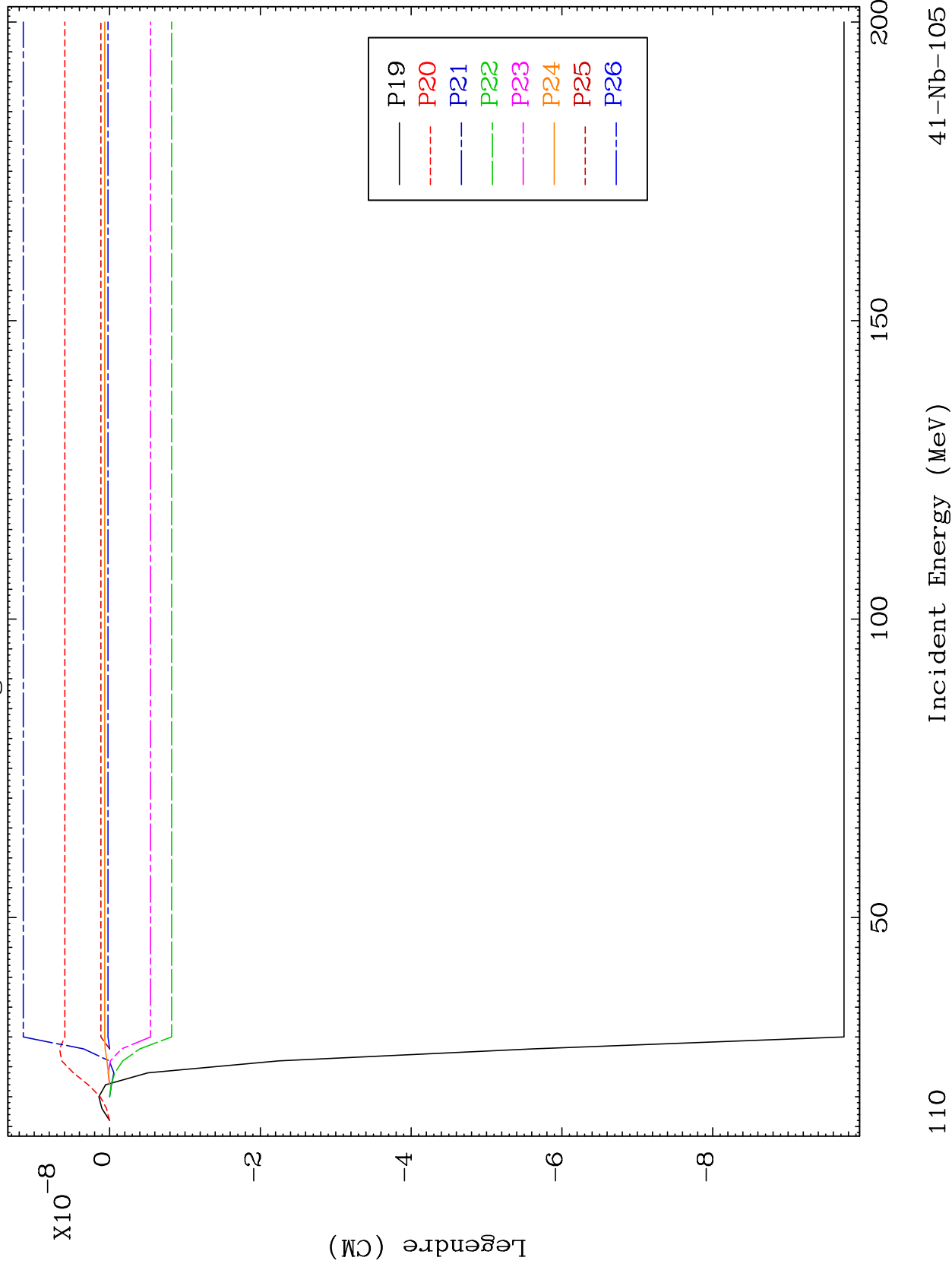
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41-Nb-105

MAT 4161

41-Nb-105

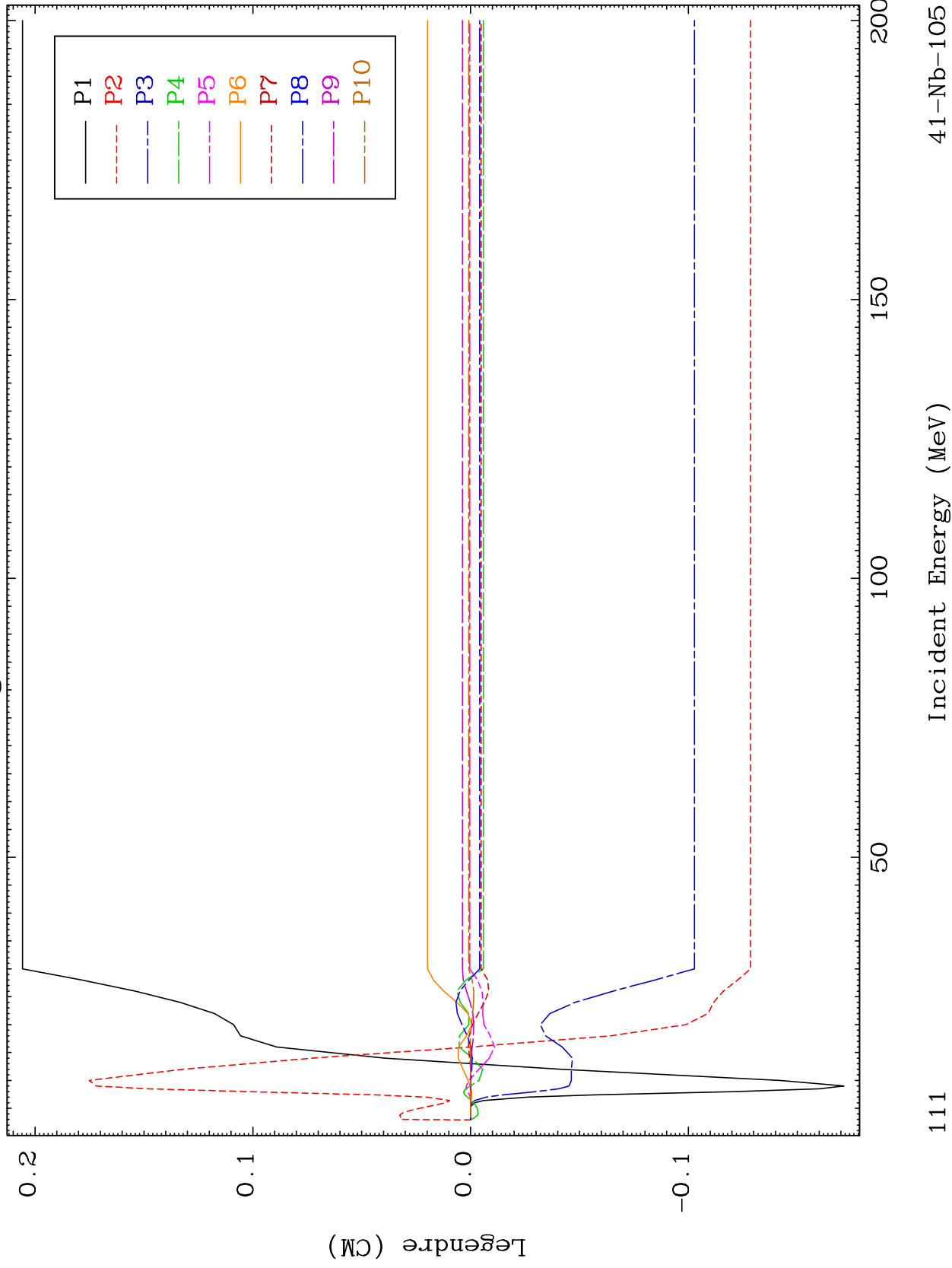
MT= 77 (n,n') Level
Legendre Coefficients



MAT 4161

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

41-Nb-105



111

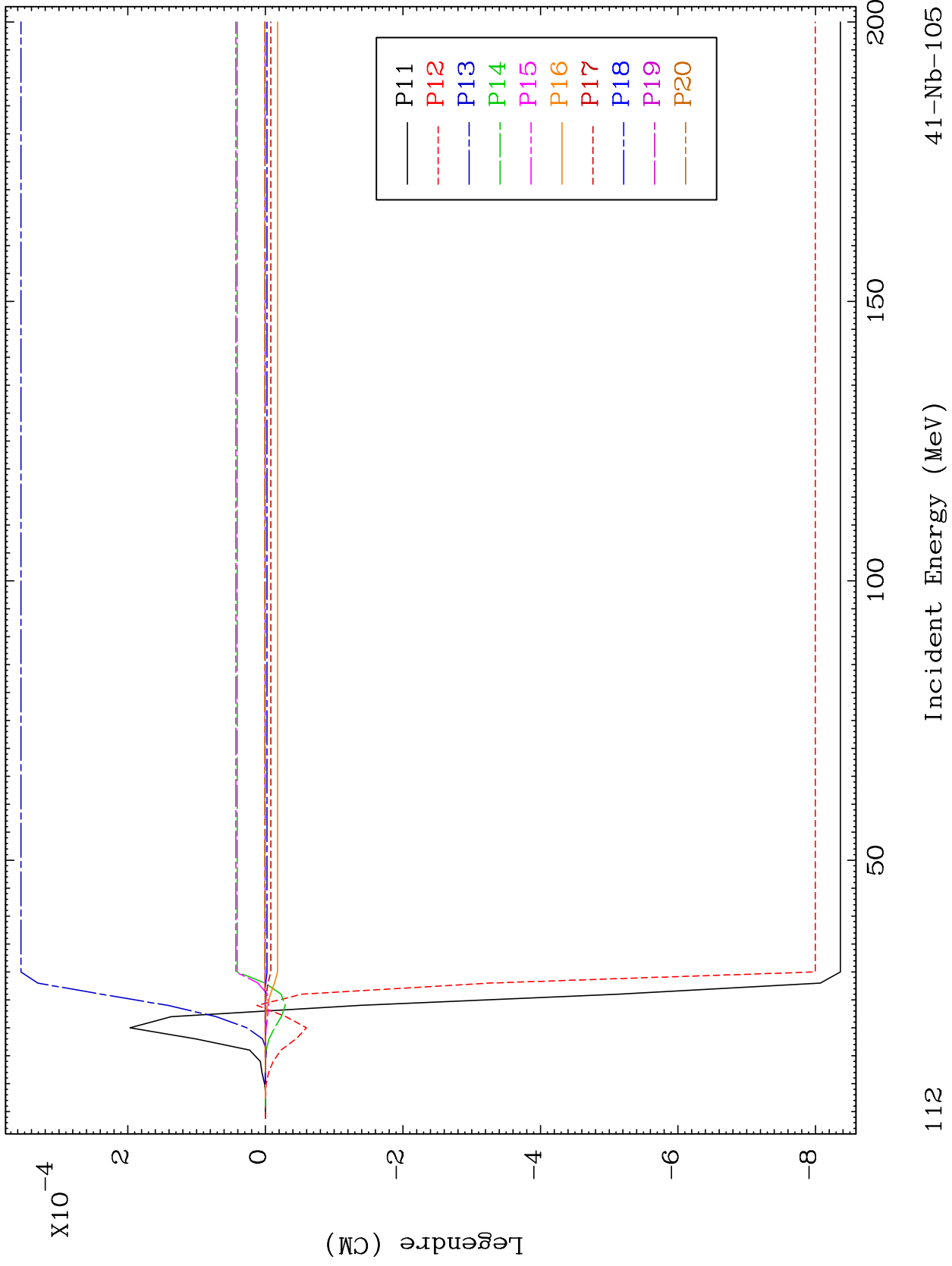
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



112

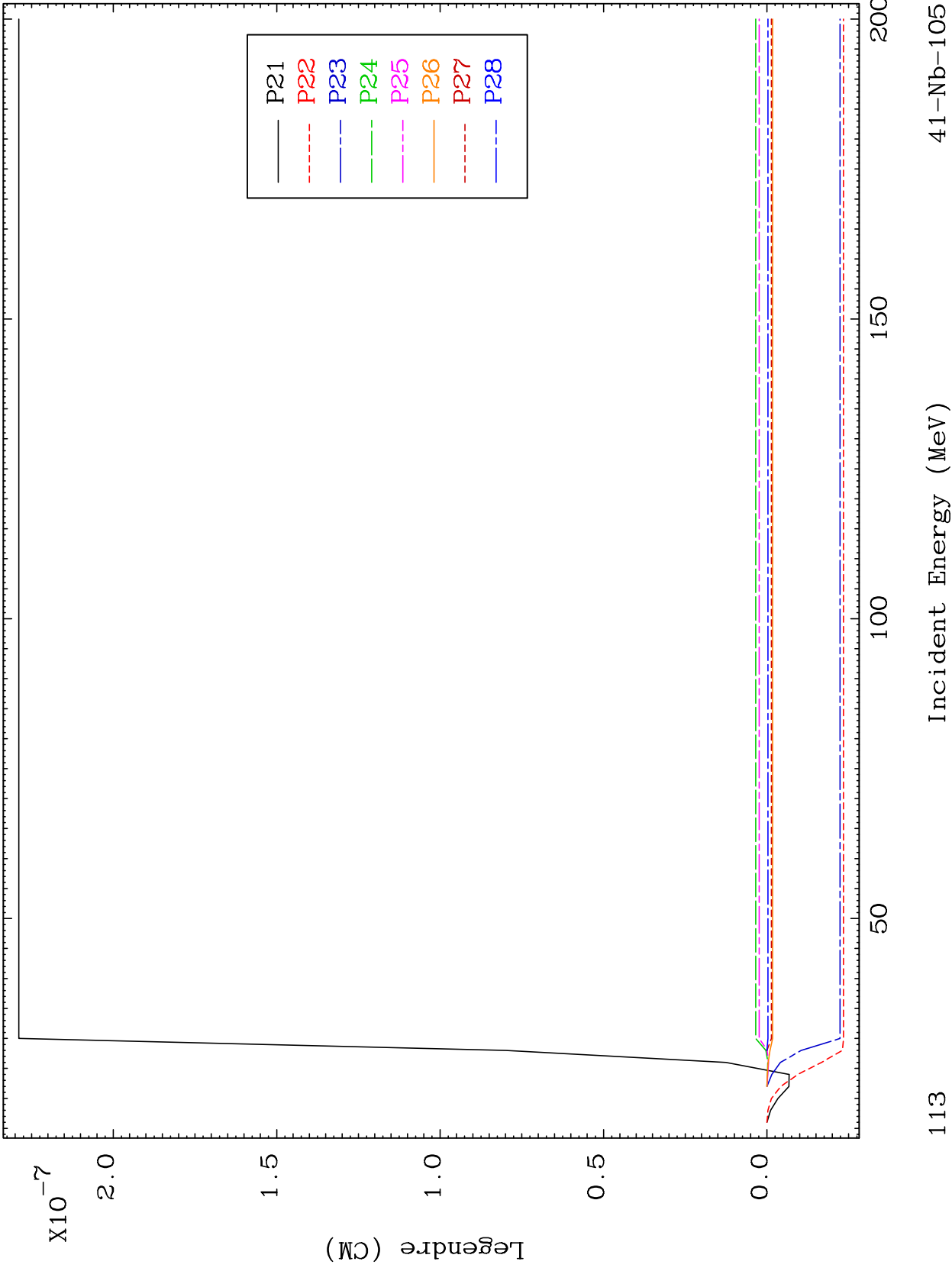
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



113

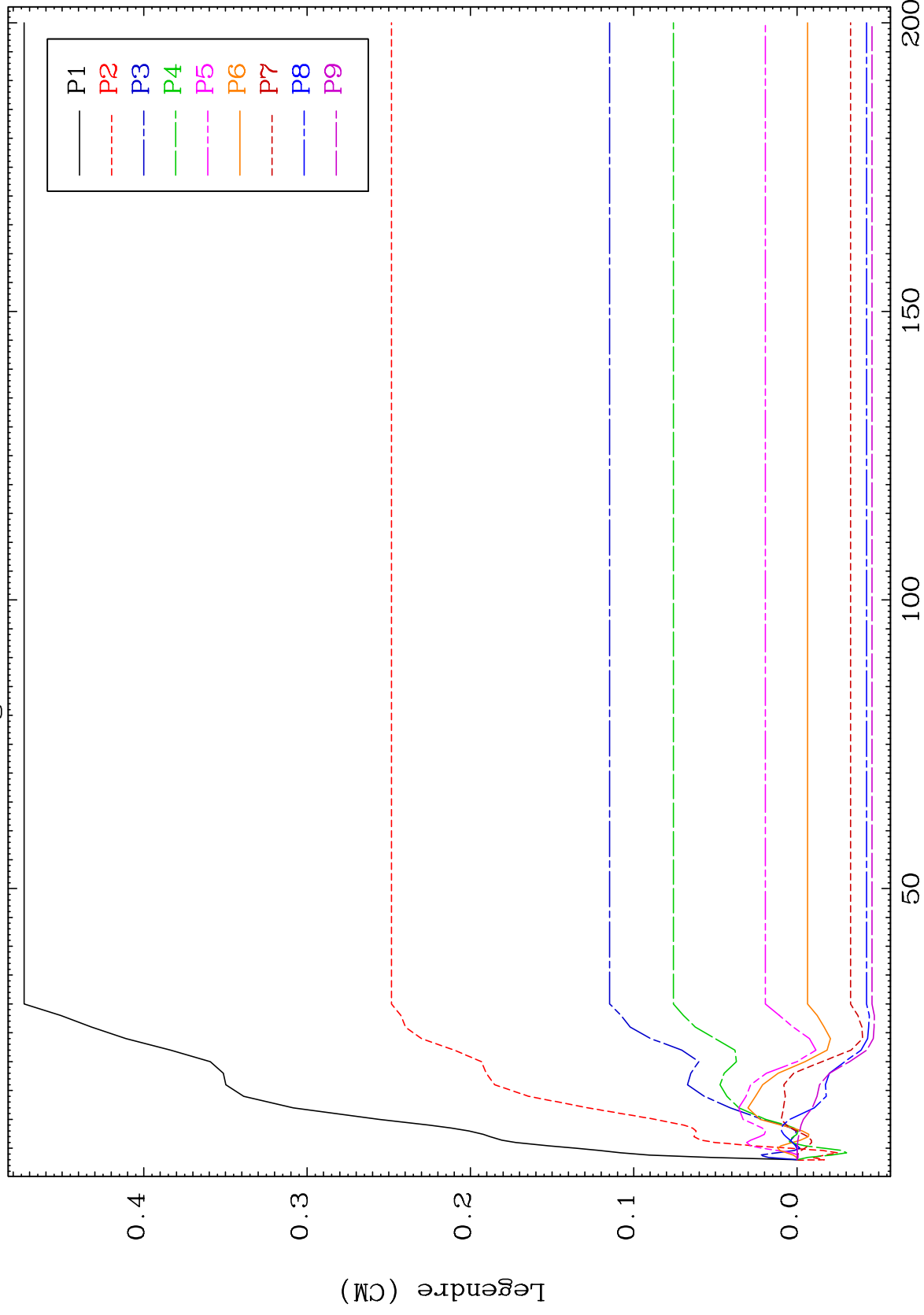
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



114

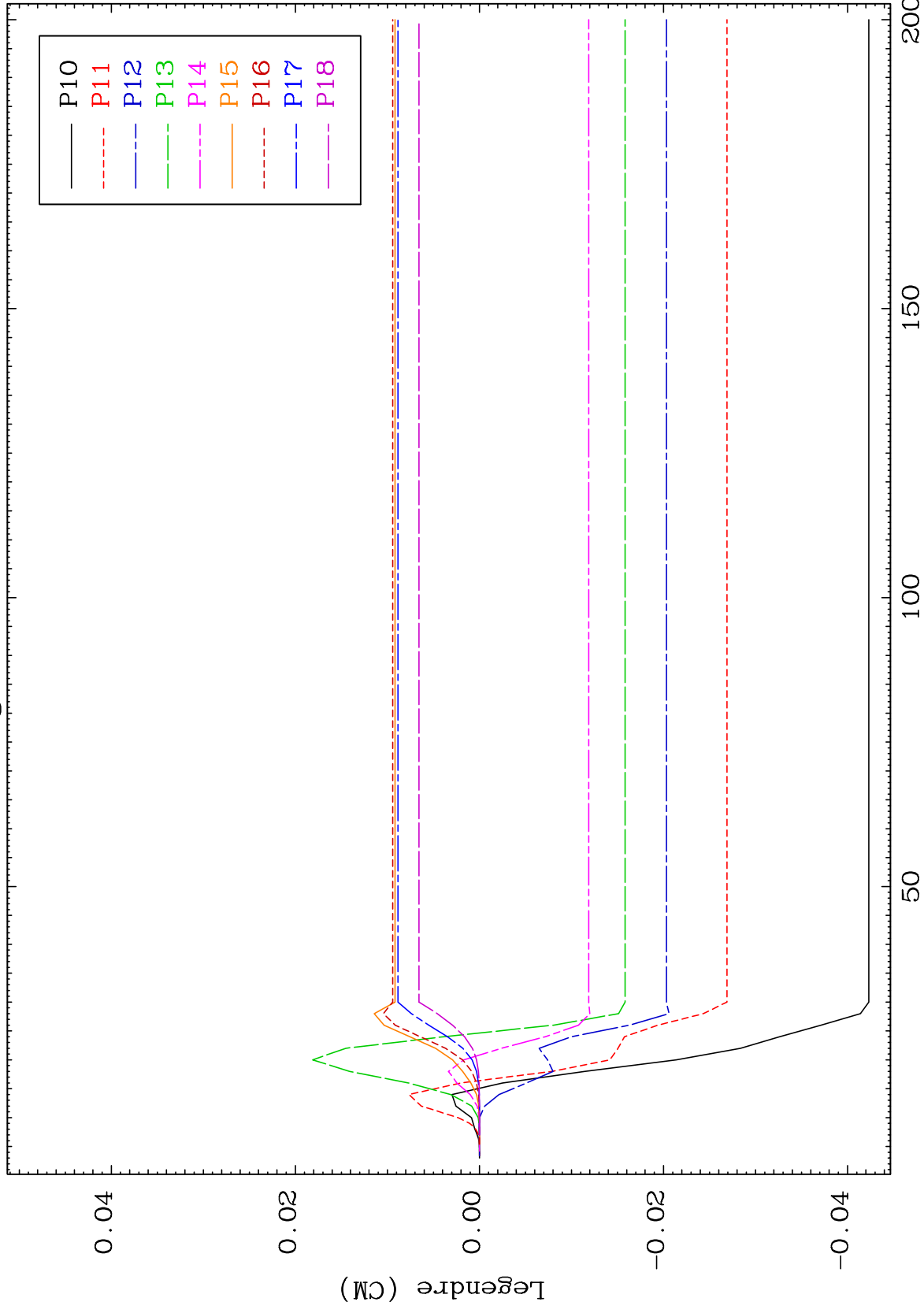
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



115

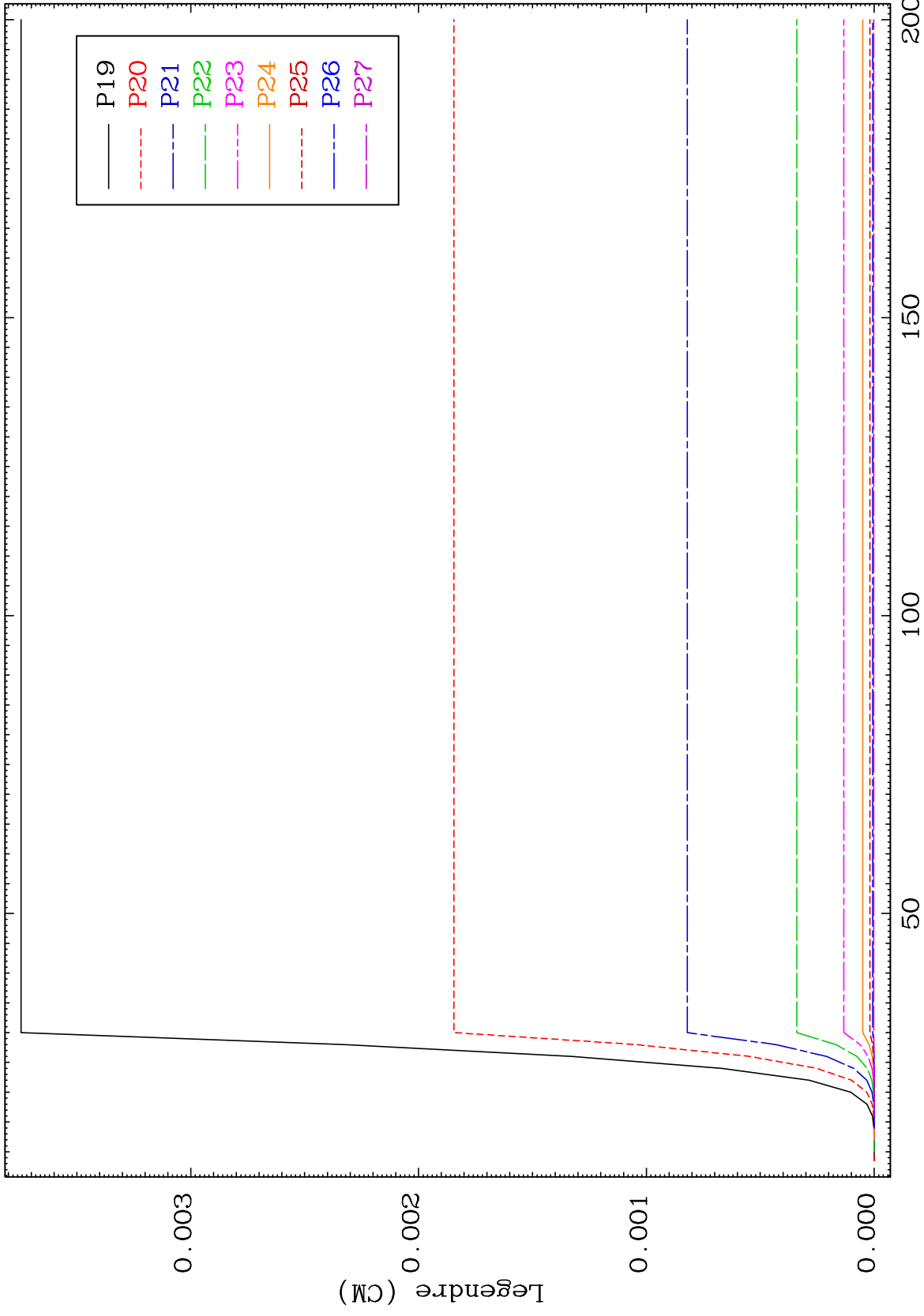
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



116

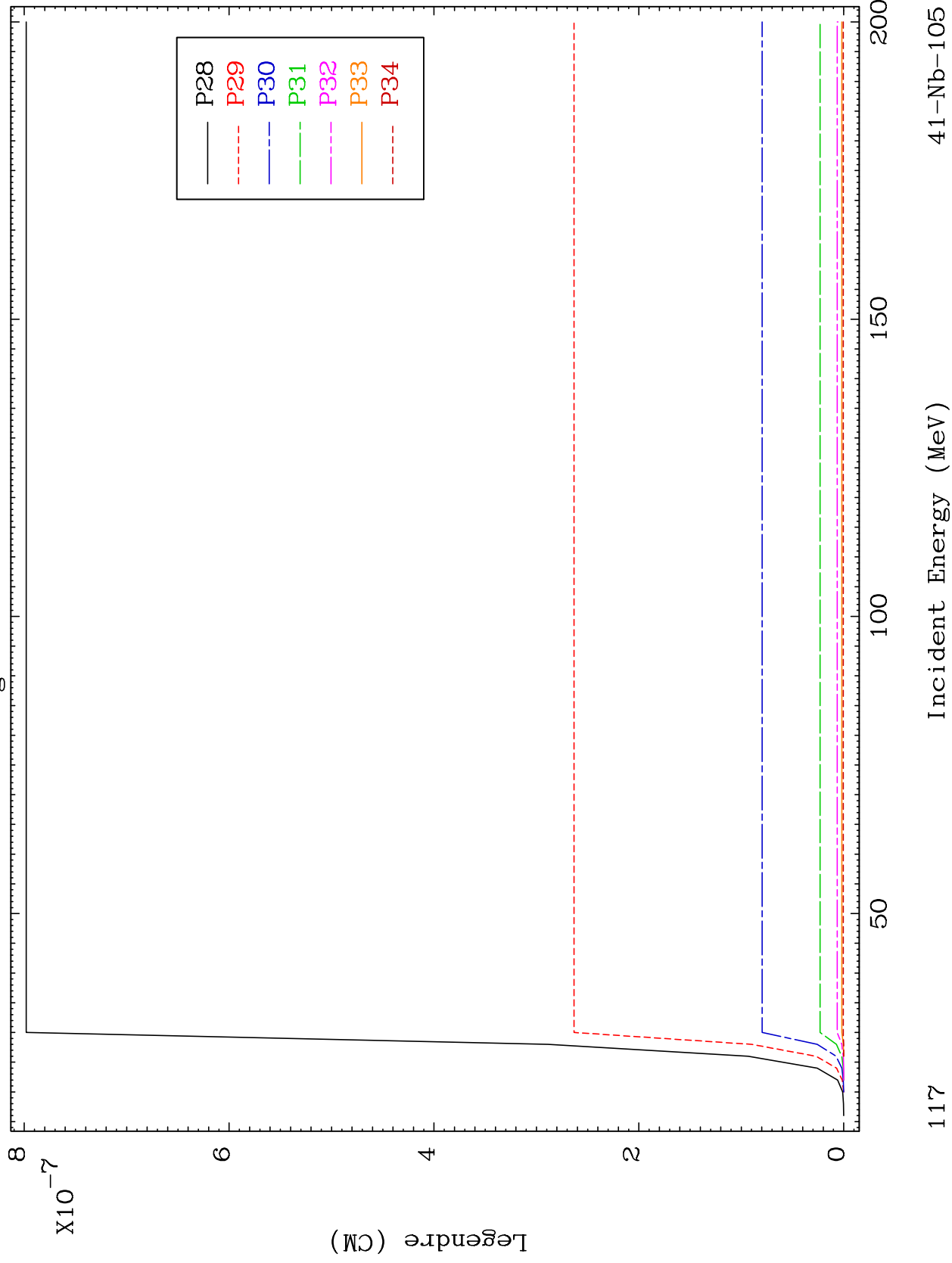
Incident Energy (MeV)

41-Nb-105

MAT 4161

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

41-Nb-105



117

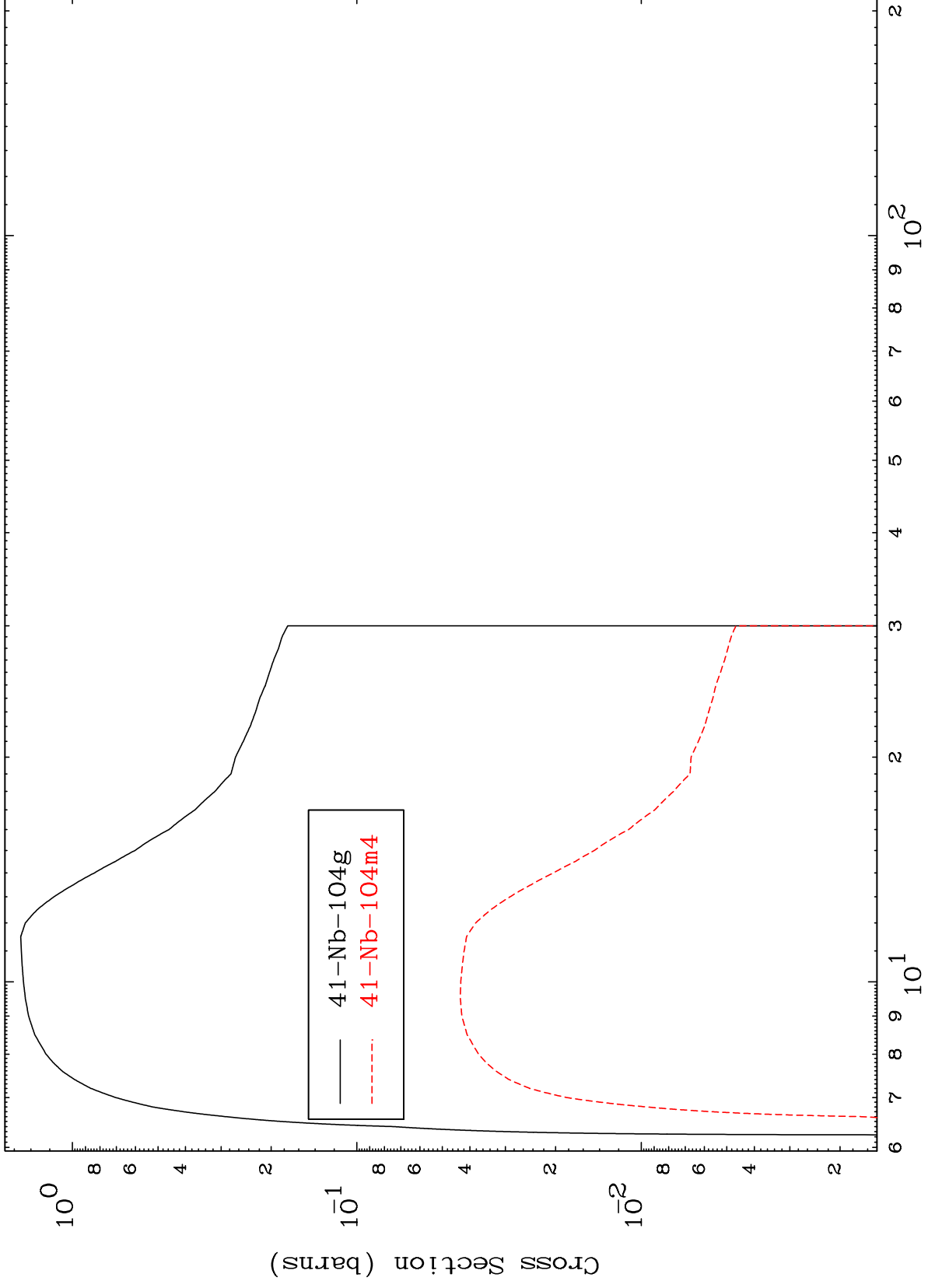
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

(n,2n)
Radionuclide Production Cross Section



41-Nb-105

Incident Energy (MeV)

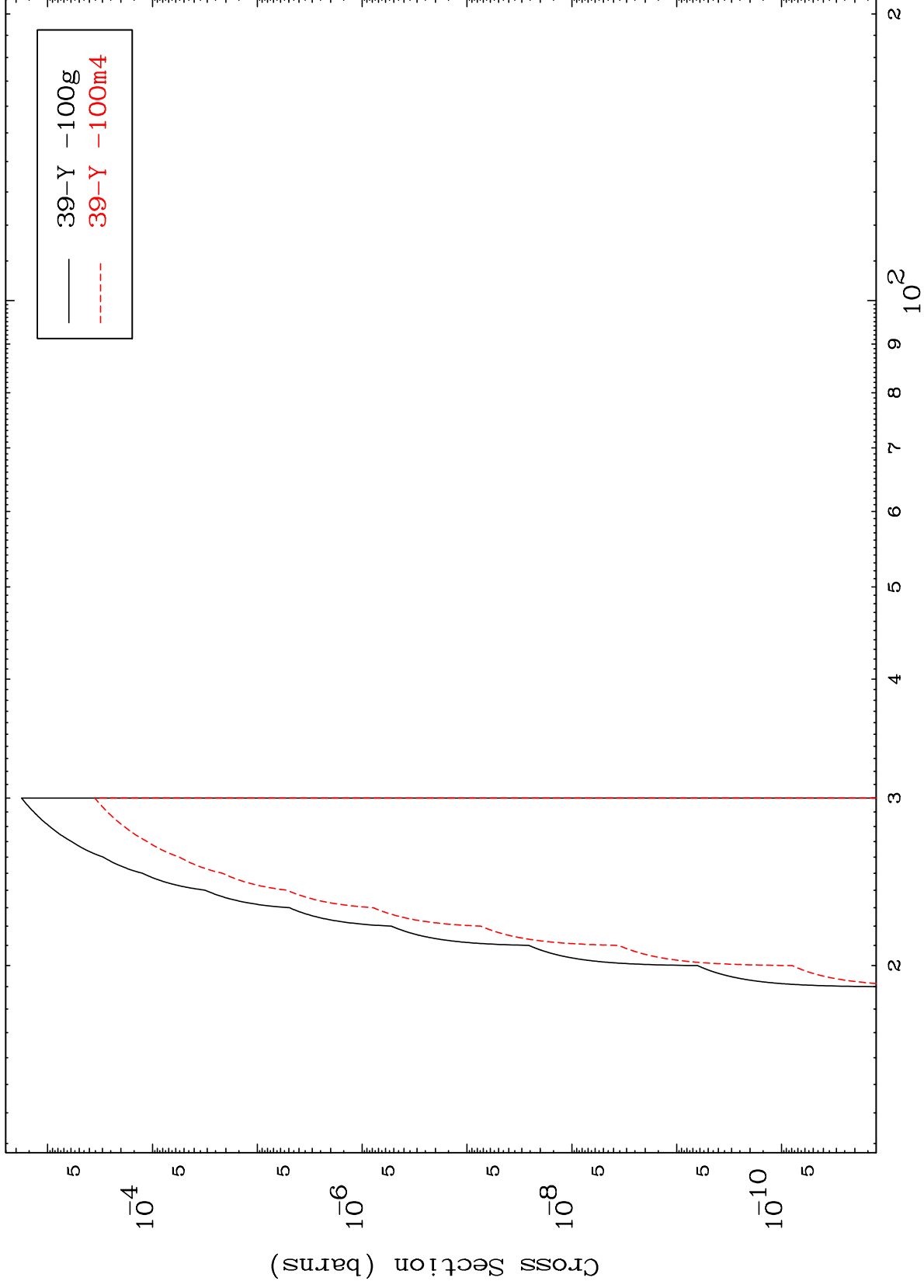
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$(n,2n) \alpha$

41-Nb-105

Radionuclide Production Cross Section



119

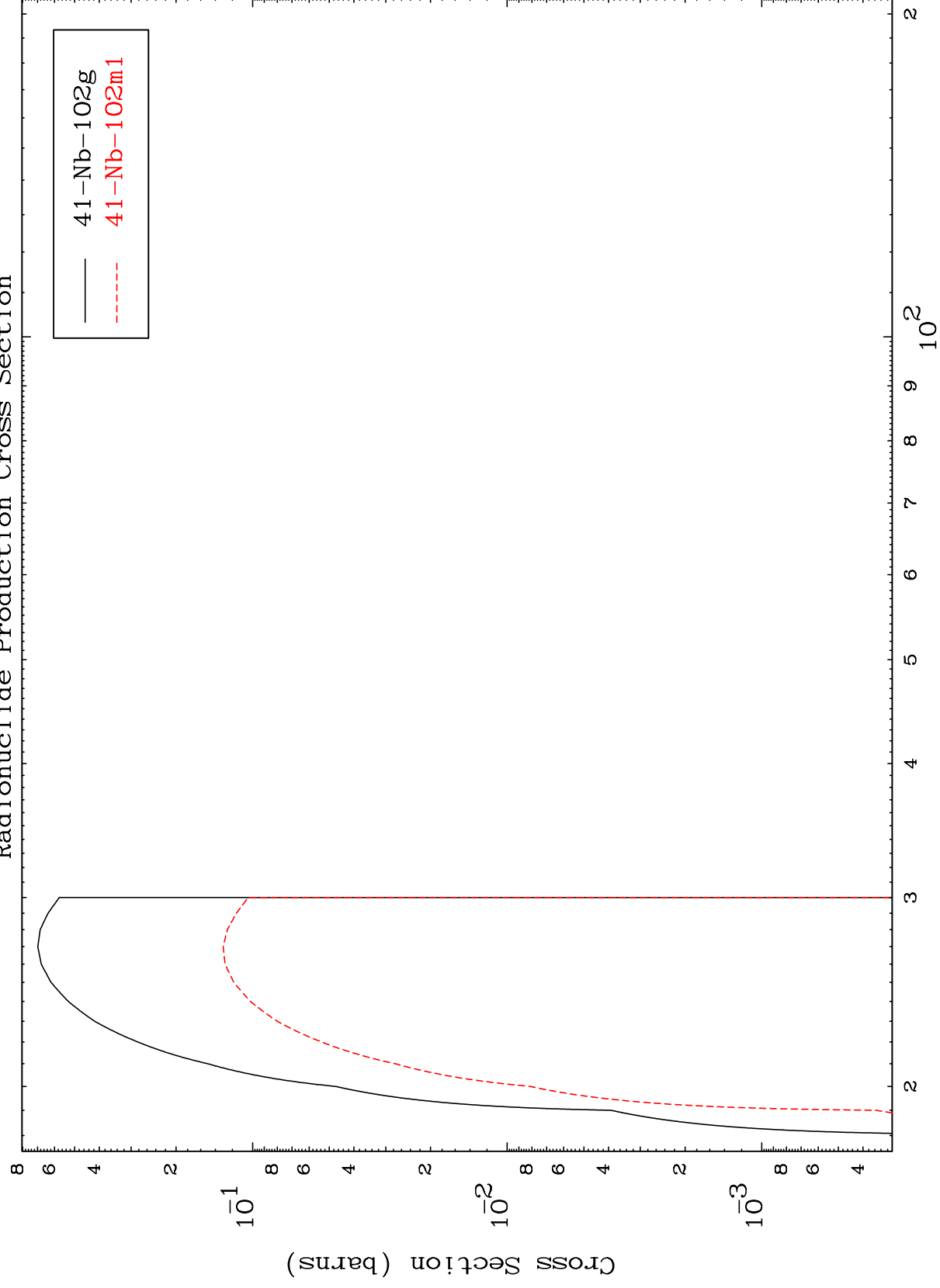
Incident Energy (MeV)

41-Nb-105

MAT 4161

41-Nb-105

(n,4n)
Radionuclide Production Cross Section



120

Incident Energy (MeV)

41-Nb-105