

Program EVALPLOT
(Version 2018-1)

by

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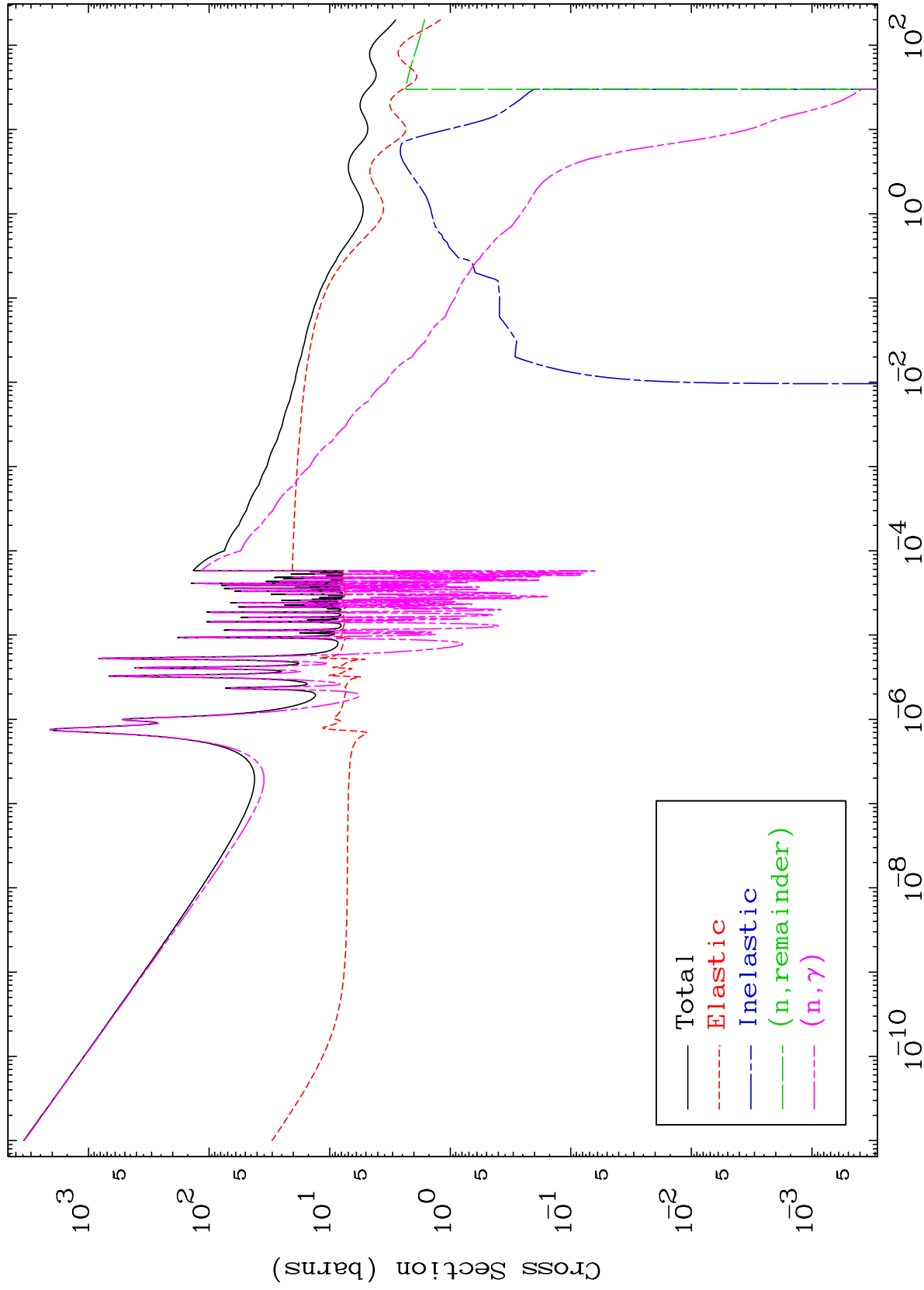
Press Mouse Button to Start

MAT 7828

Major

293 Kelvin Cross Sections

78-Pt-191



1

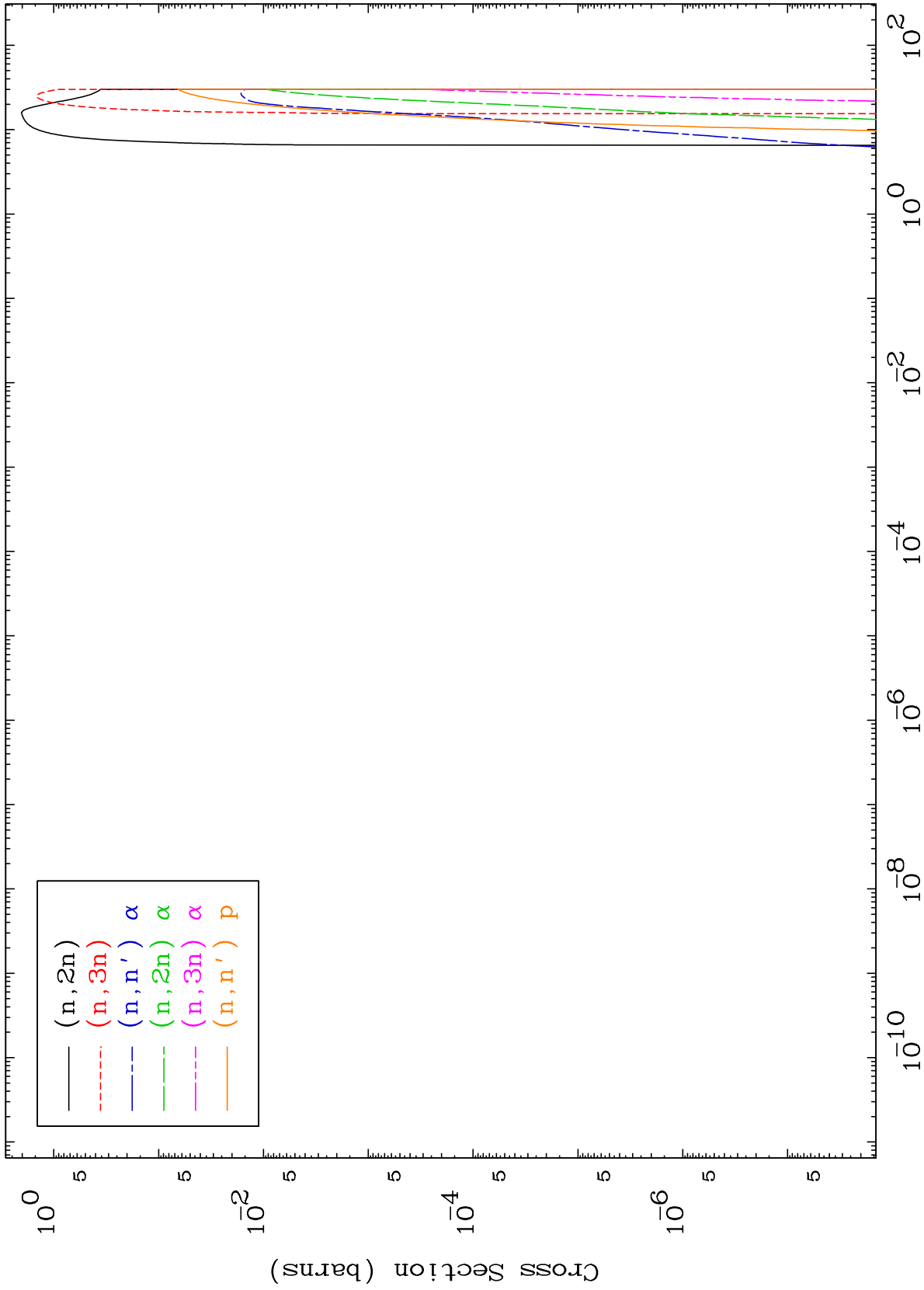
Incident Energy (MeV)

78-Pt-191

MAT 7828

Neutron Production
293 Kelvin Cross Sections

78-Pt-191



2

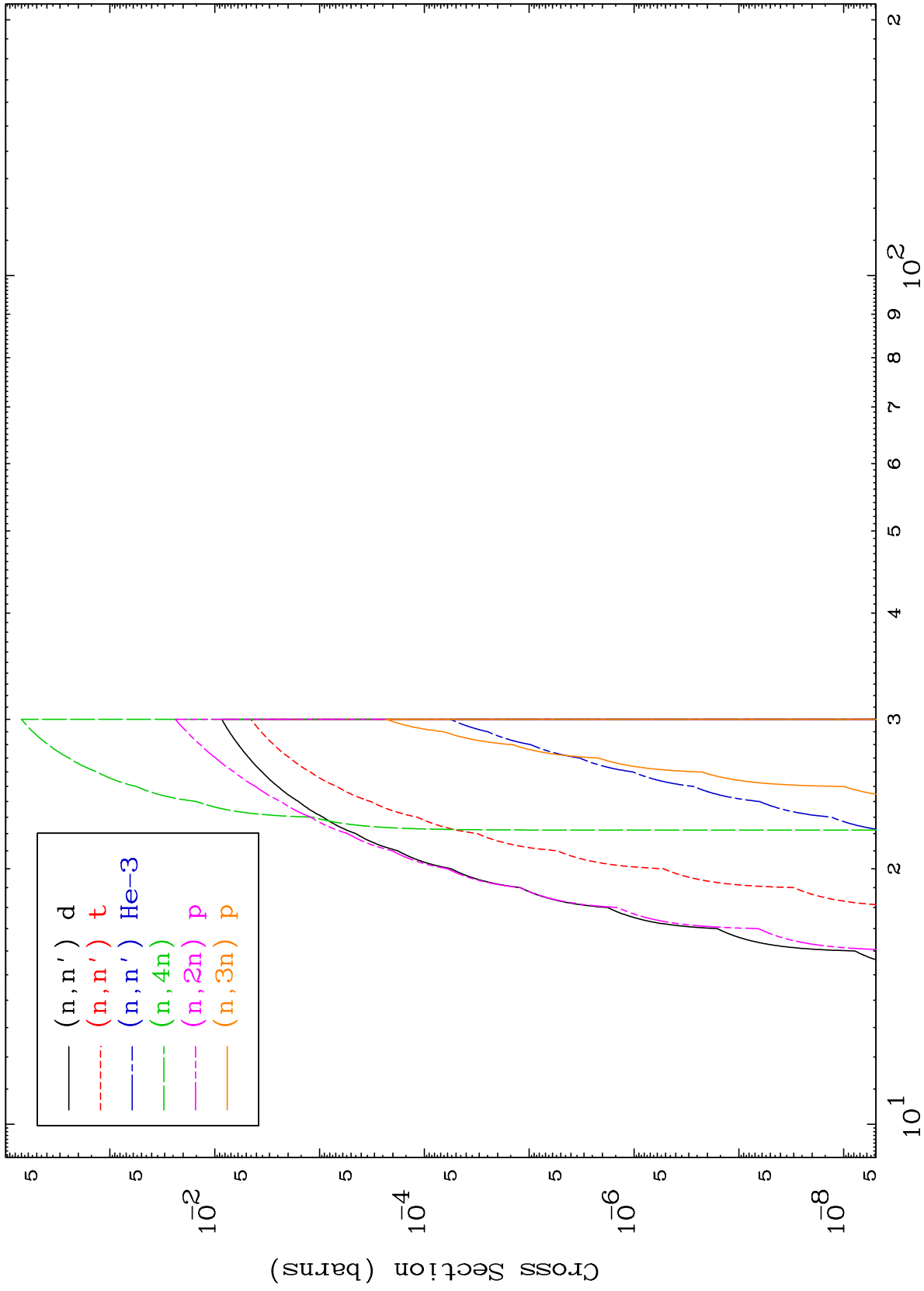
Incident Energy (MeV)

78-Pt-191

MAT 7828

Neutron Production
293 Kelvin Cross Sections

78-Pt-191



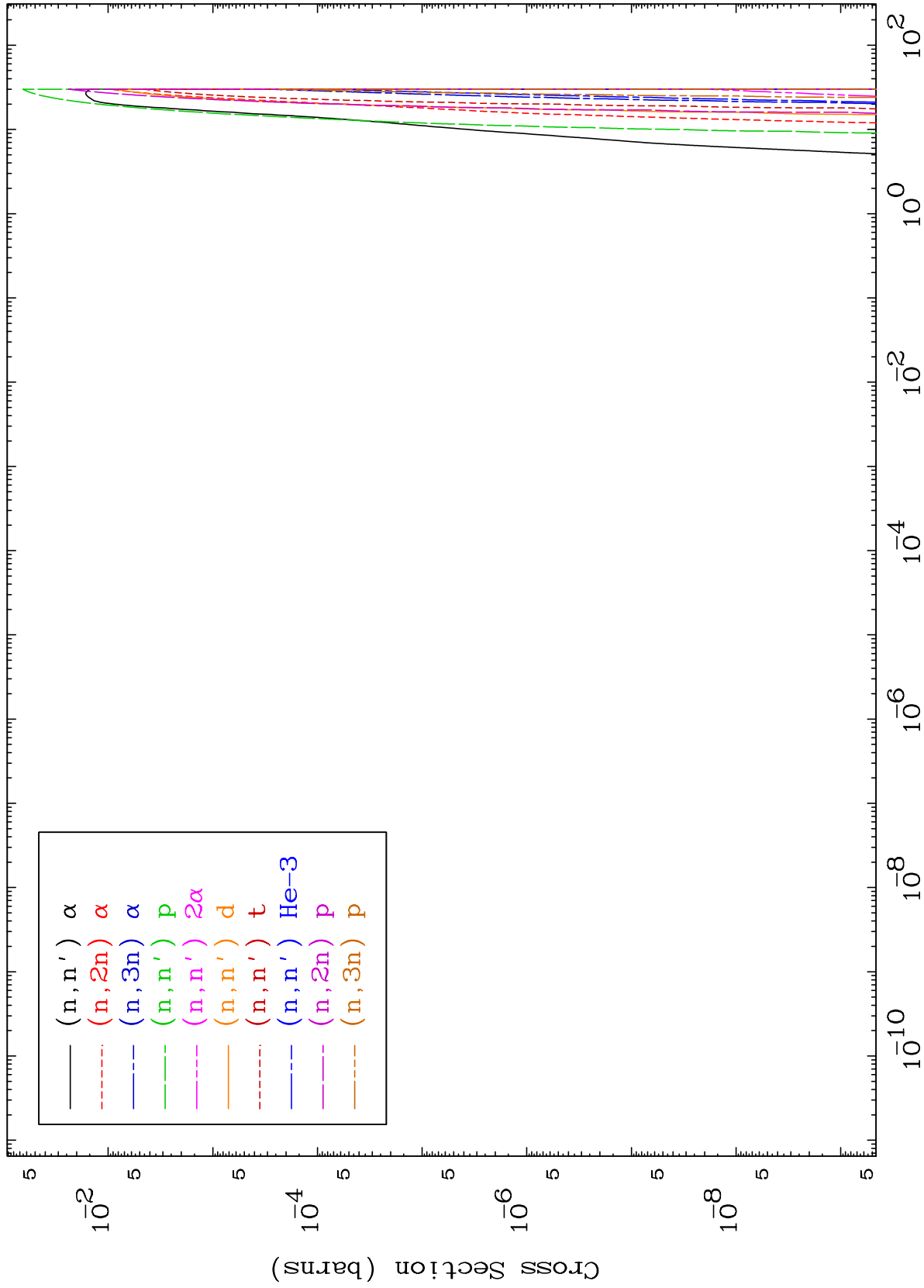
Incident Energy (MeV)

78-Pt-191

MAT 7828

Charged Particle
293 Kelvin Cross Sections

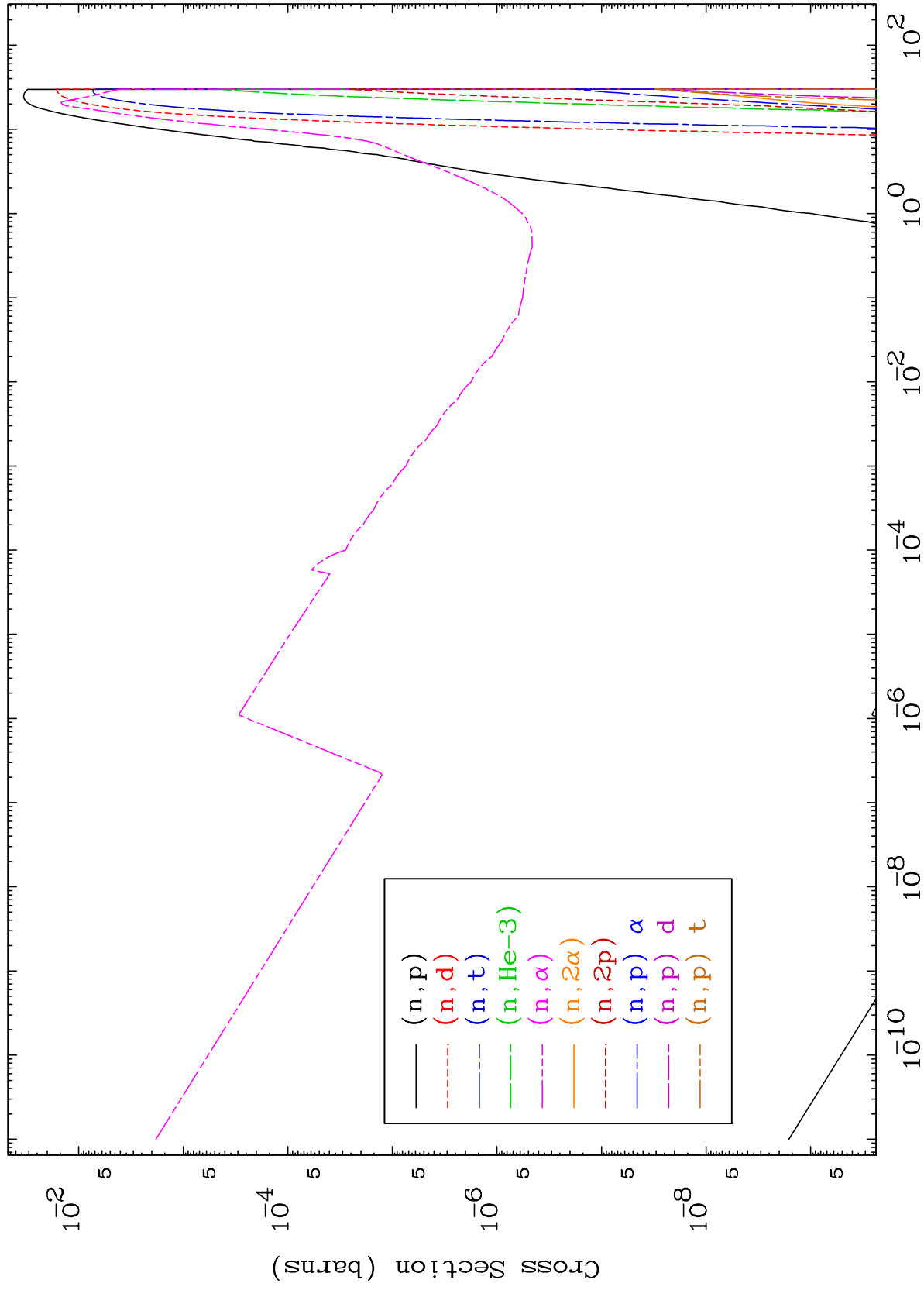
78-Pt-191



MAT 7828

Charged Particle
293 Kelvin Cross Sections

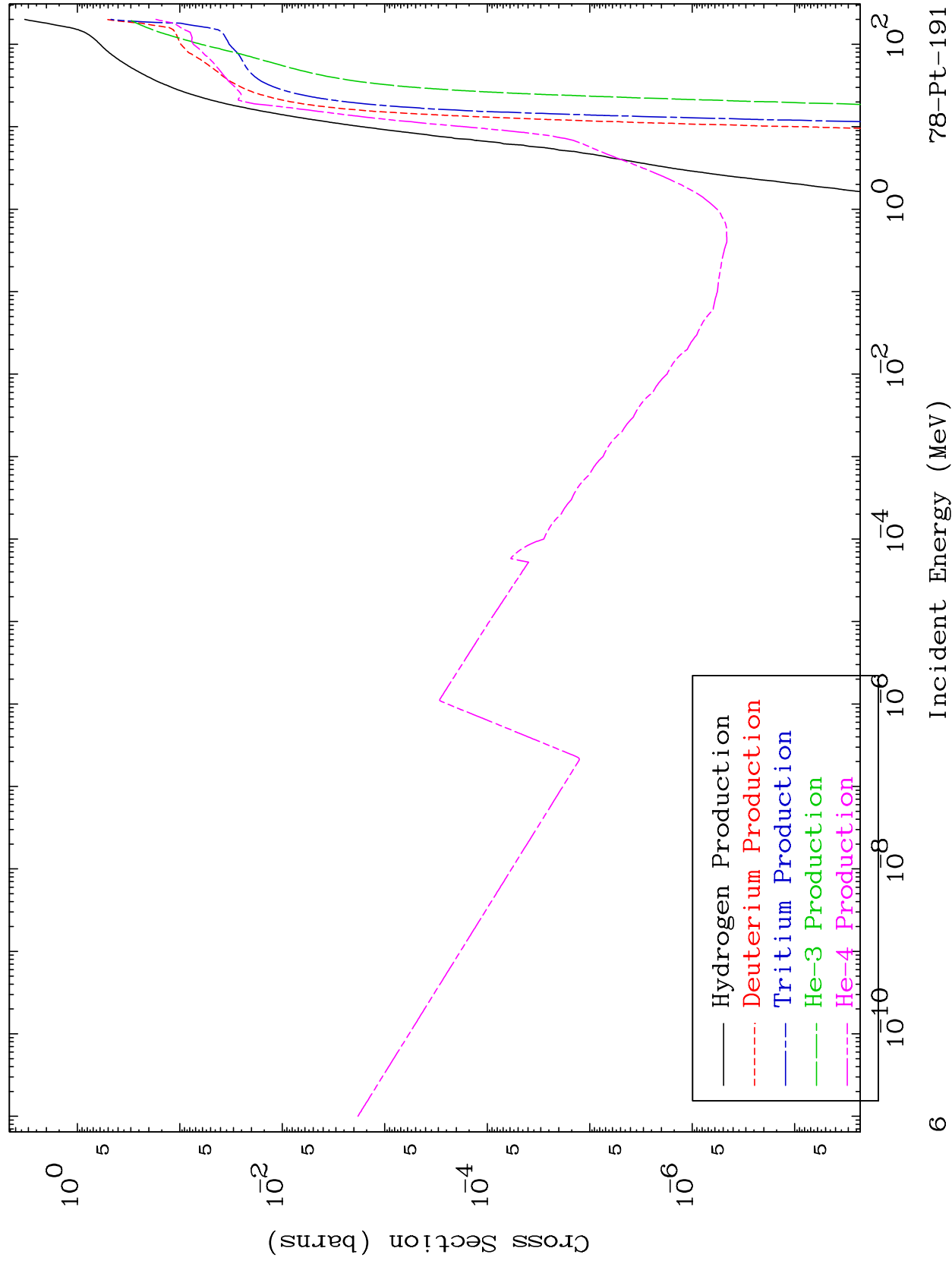
78-Pt-191



5

Incident Energy (MeV)

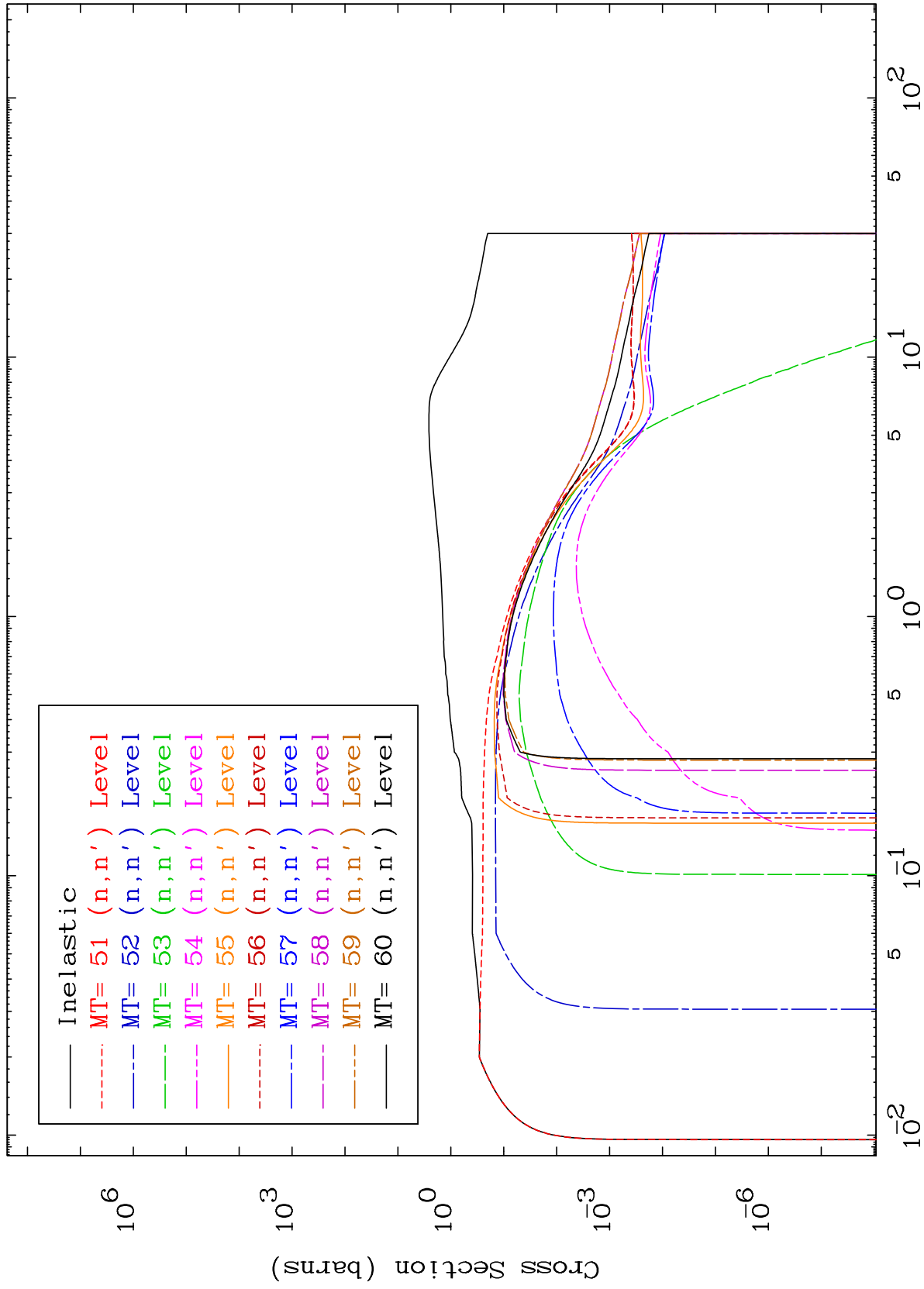
78-Pt-191



MAT 7828

(n,n') Level
293 Kelvin Cross Sections

78-Pt-191



7

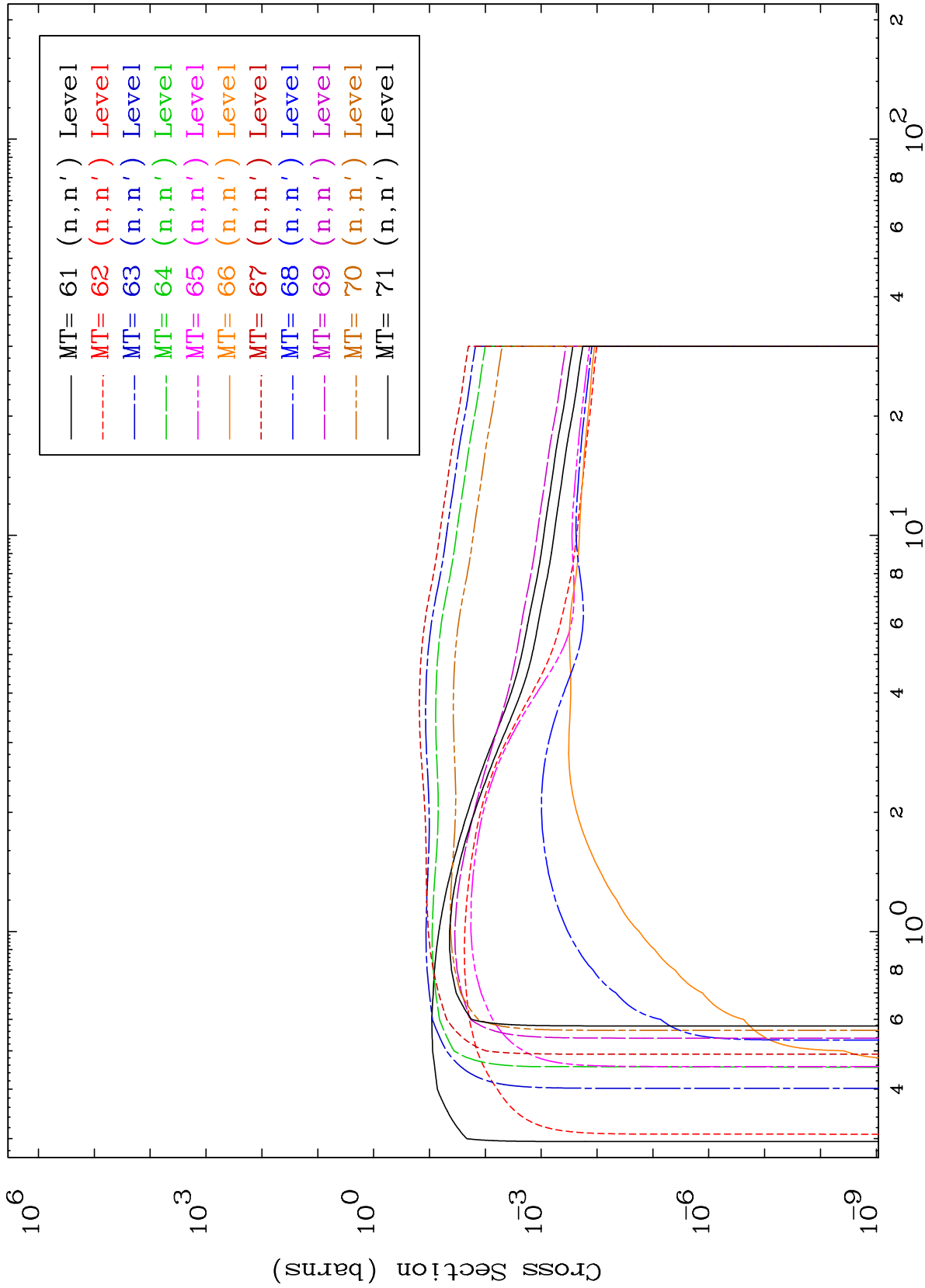
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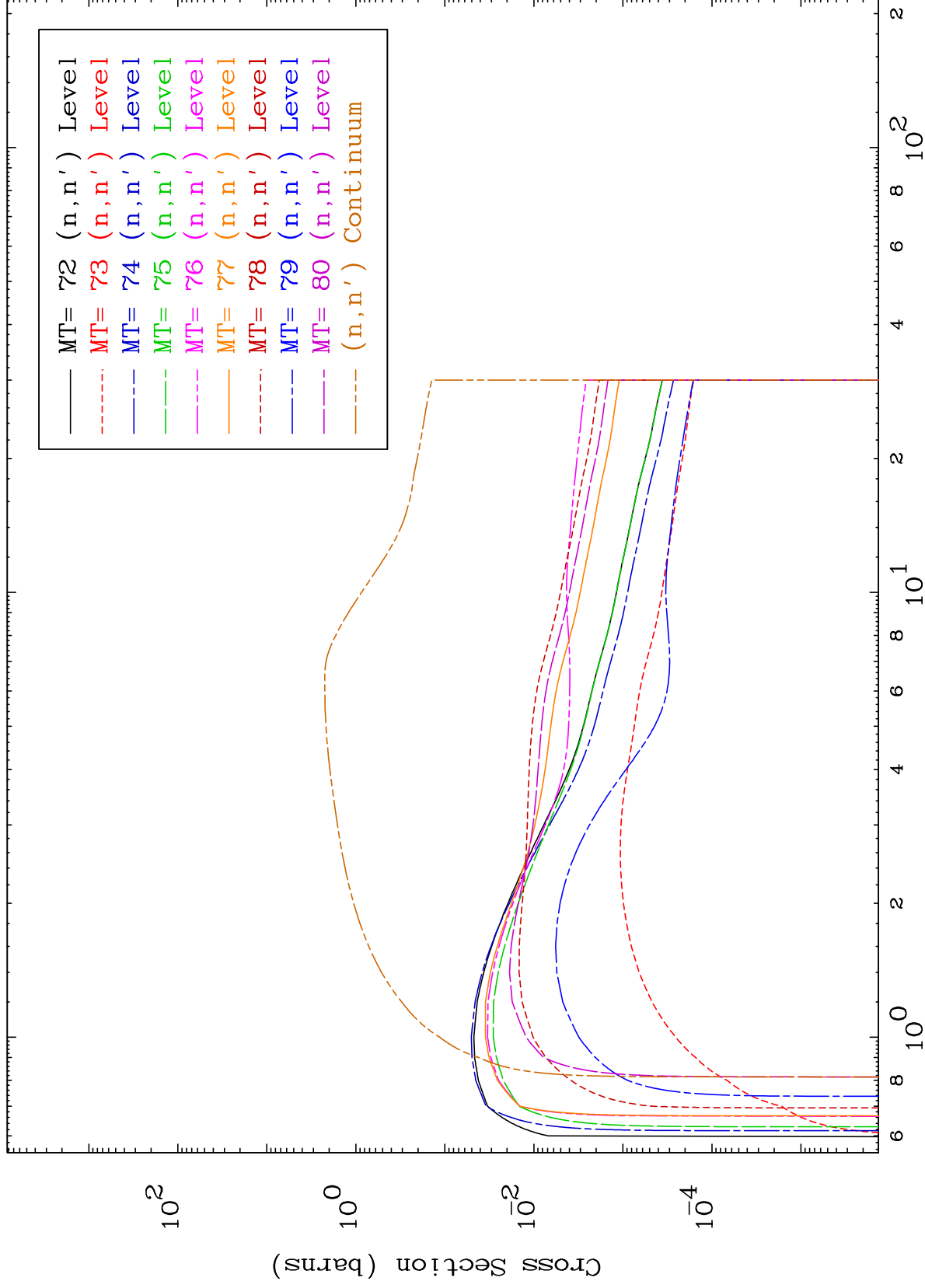
78-Pt-191

MAT 7828

(n,n') Level
293 Kelvin Cross Sections

78-Pt-191

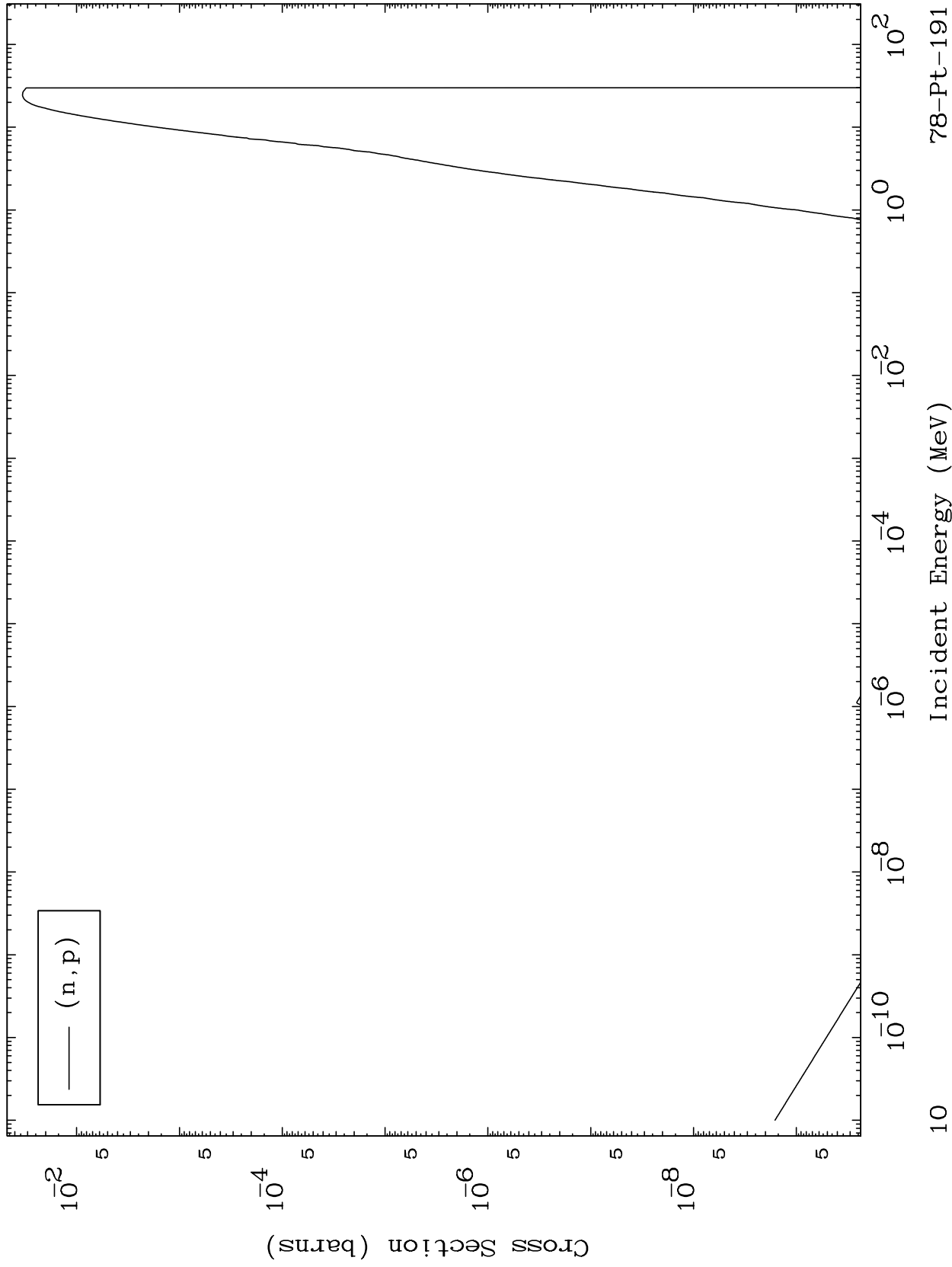




MAT 7828

(n,p) Levels
293 Kelvin Cross Sections

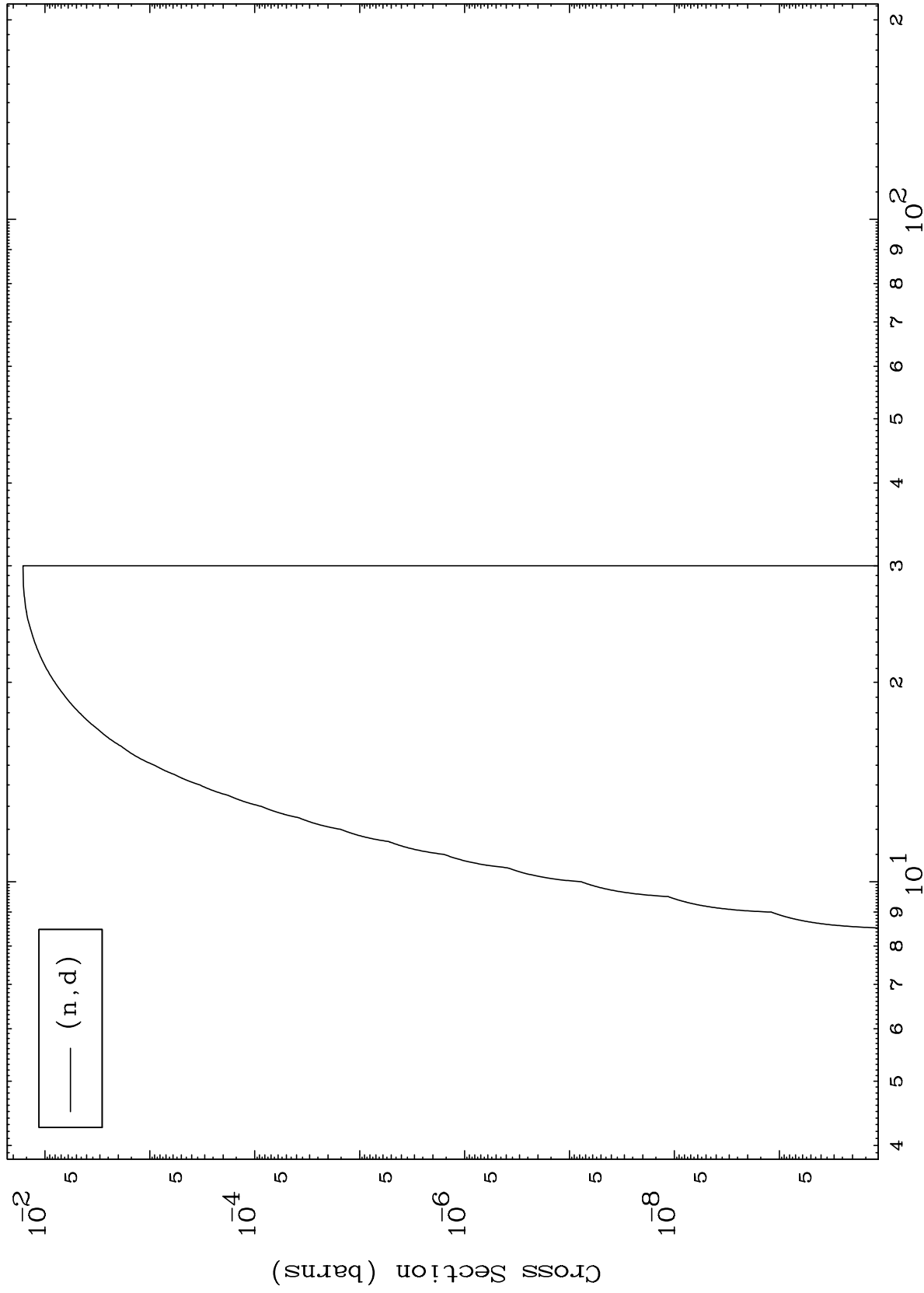
78-Pt-191



MAT 7828

78-Pt-191

(n,d) Levels
293 Kelvin Cross Sections



11

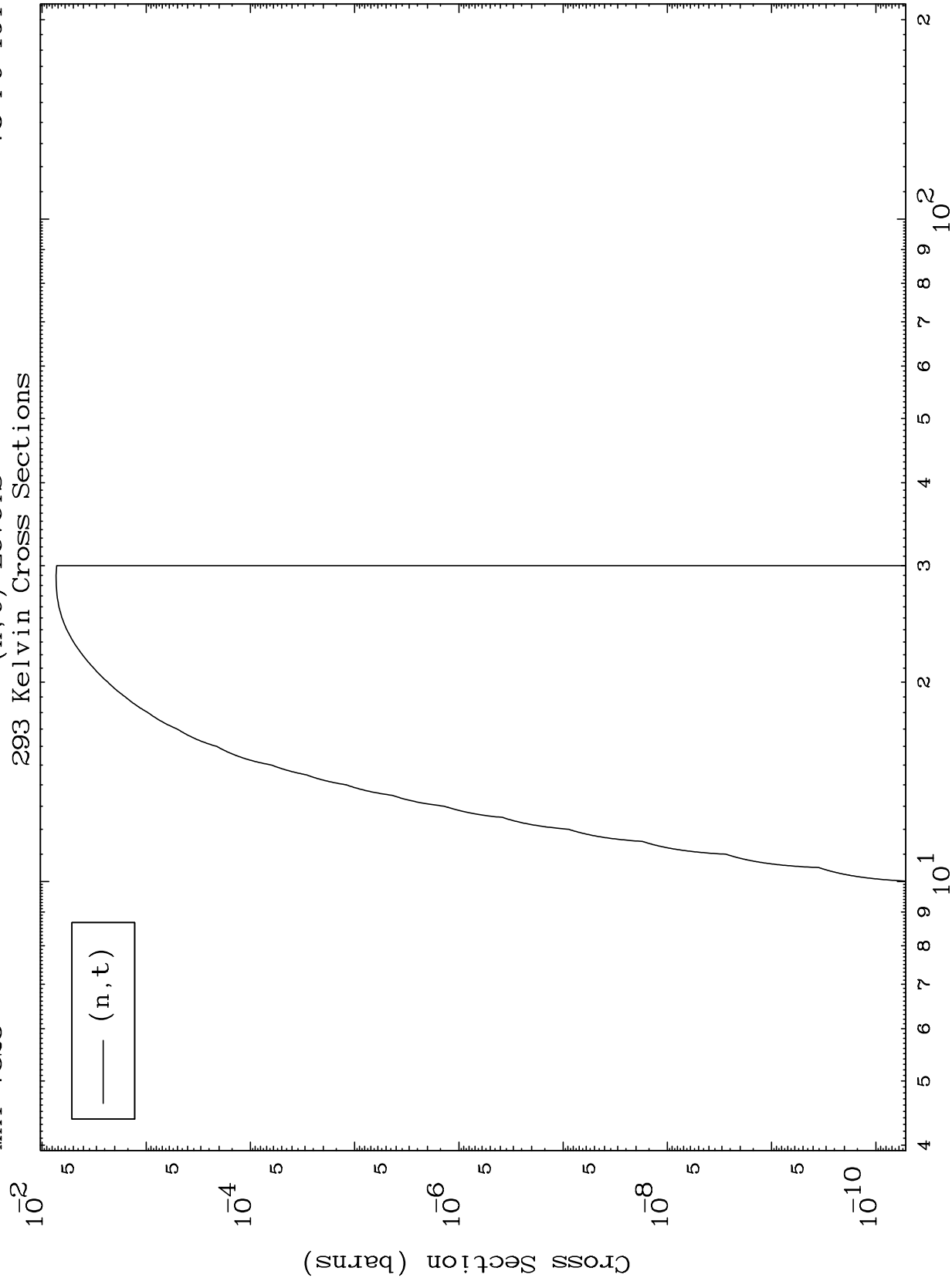
Incident Energy (MeV)

78-Pt-191

MAT 7828

78-Pt-191

(n, t) Levels
293 Kelvin Cross Sections



12

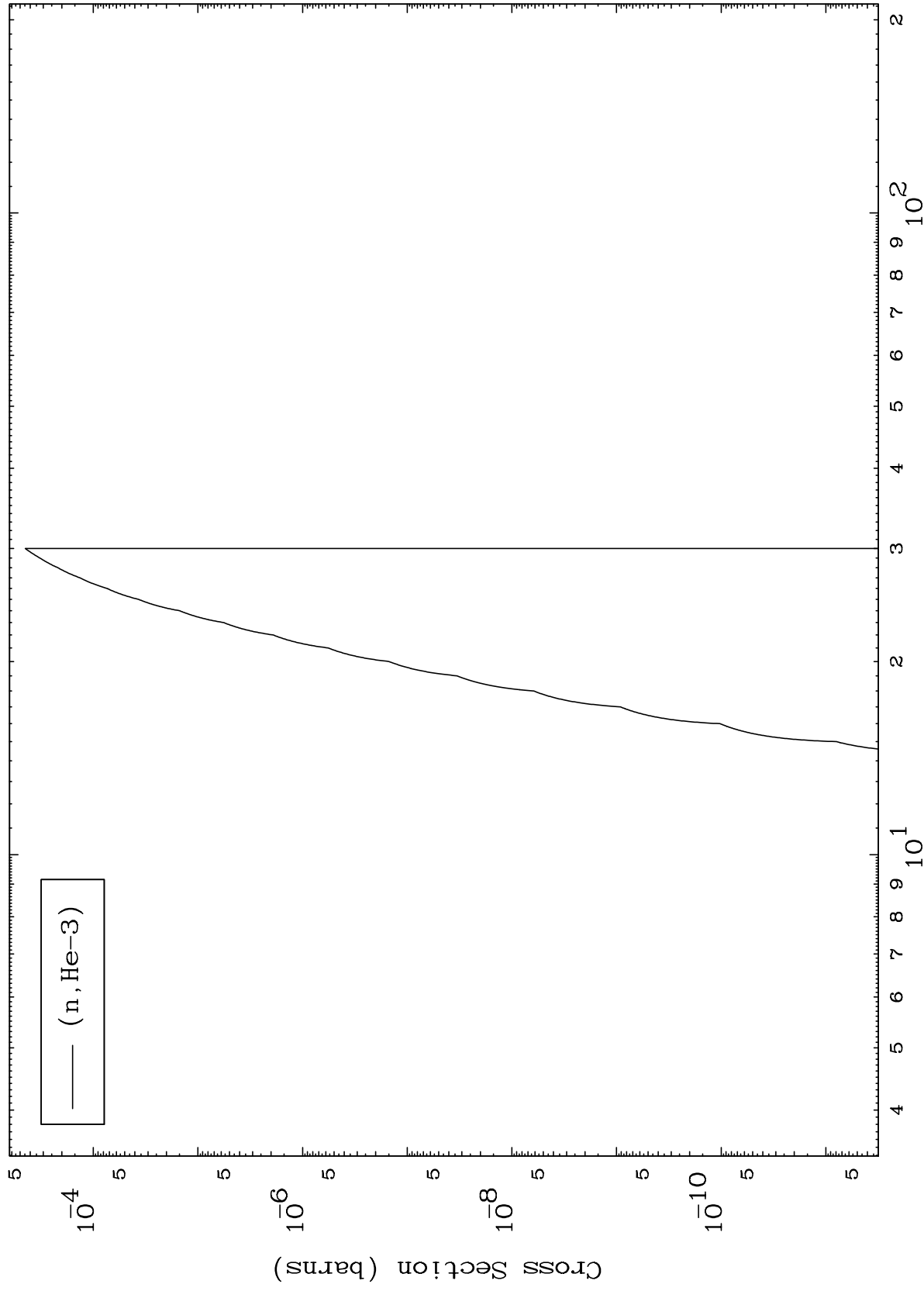
Incident Energy (MeV)

78-Pt-191

MAT 7828

78-Pt-191

(n,He3) Levels
293 Kelvin Cross Sections



13

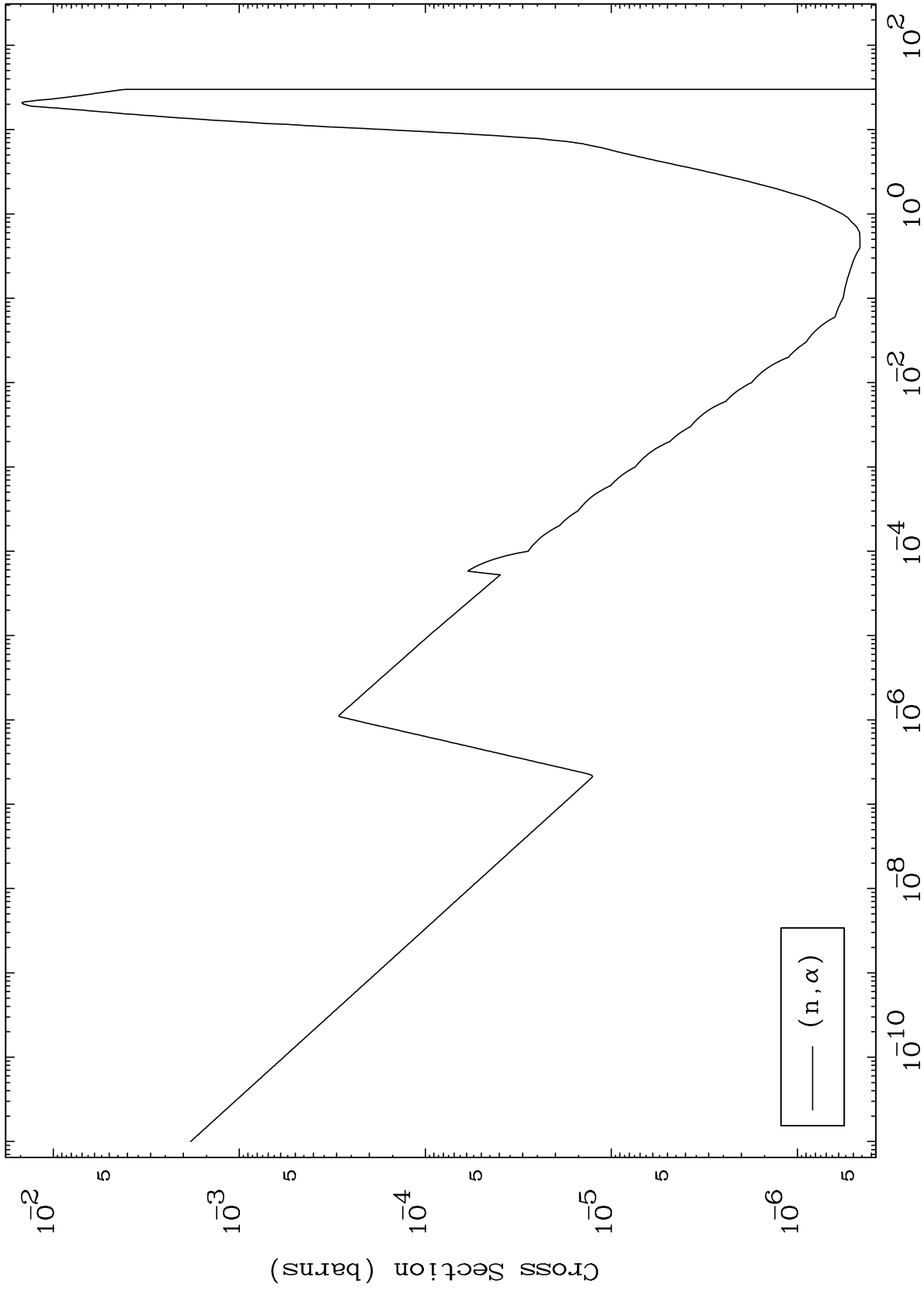
Incident Energy (MeV)

78-Pt-191

MAT 7828

(n, α) Levels
293 Kelvin Cross Sections

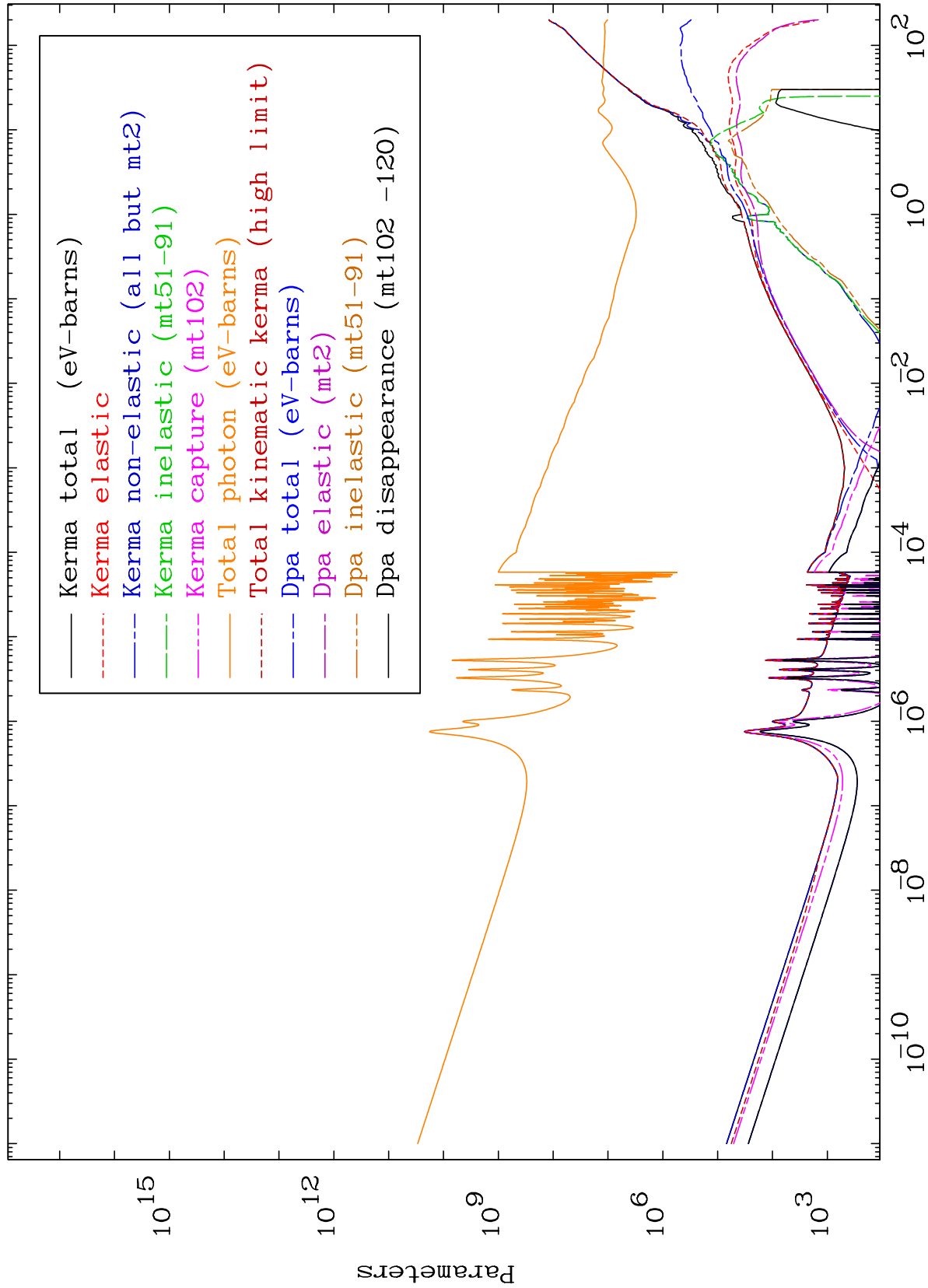
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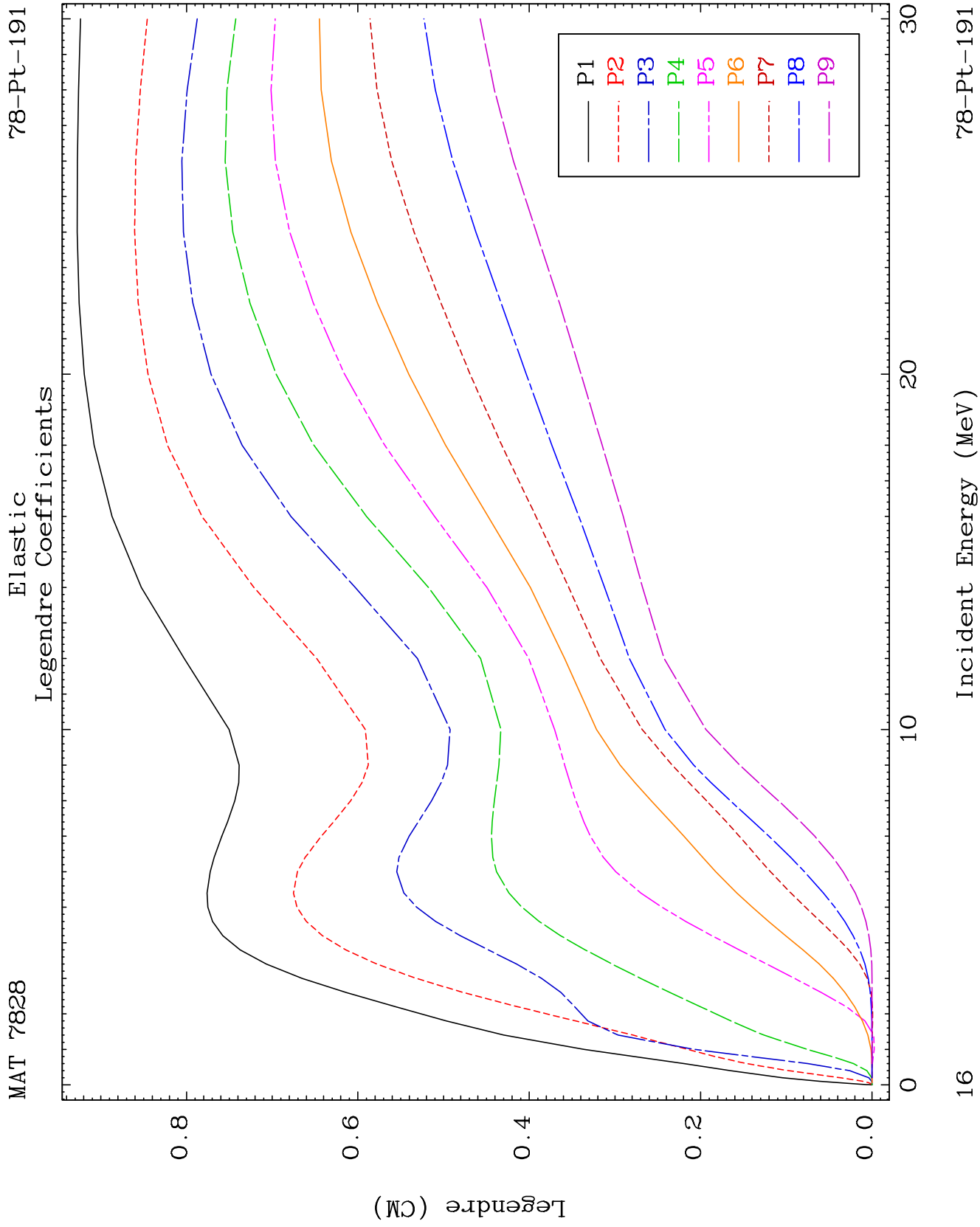


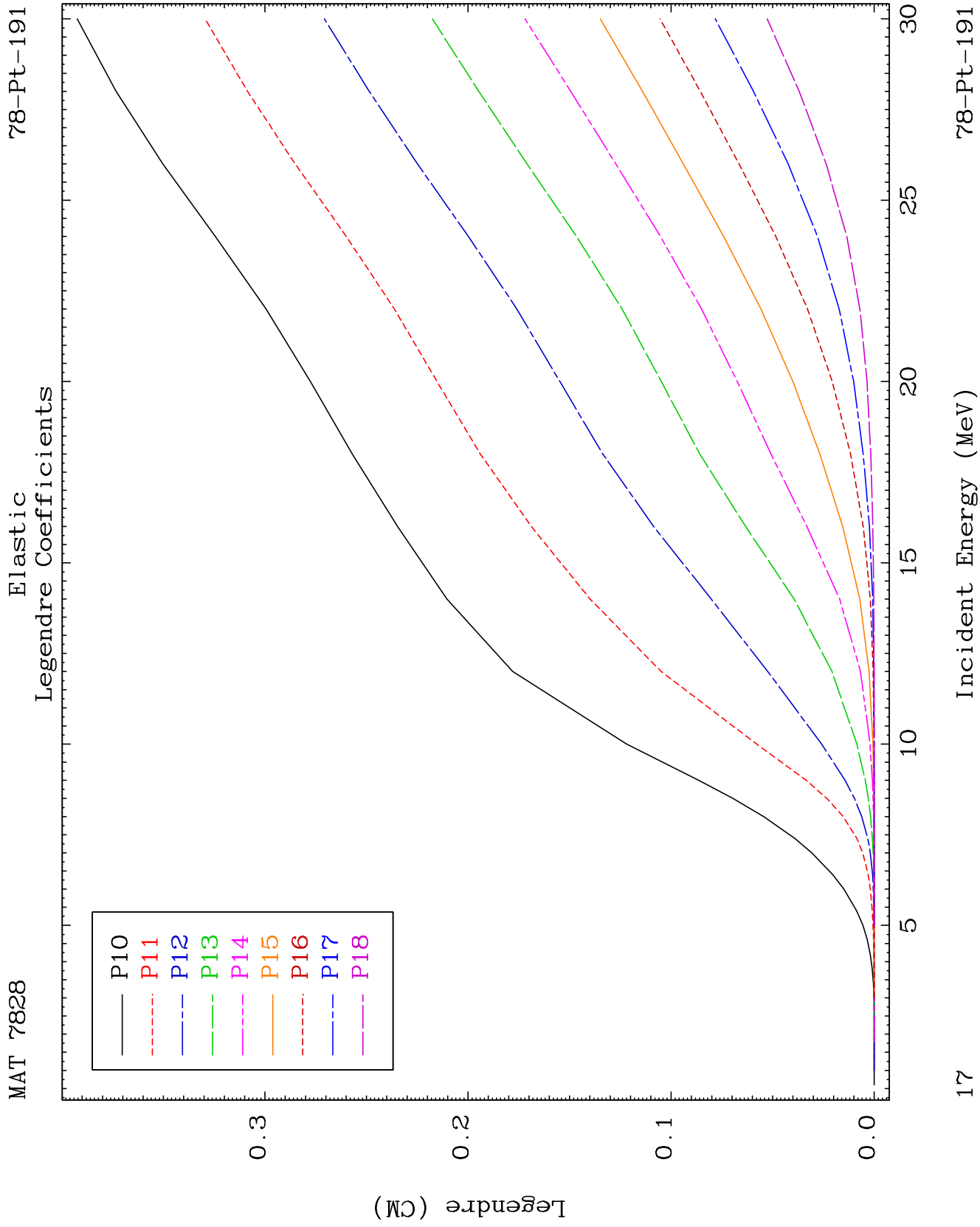
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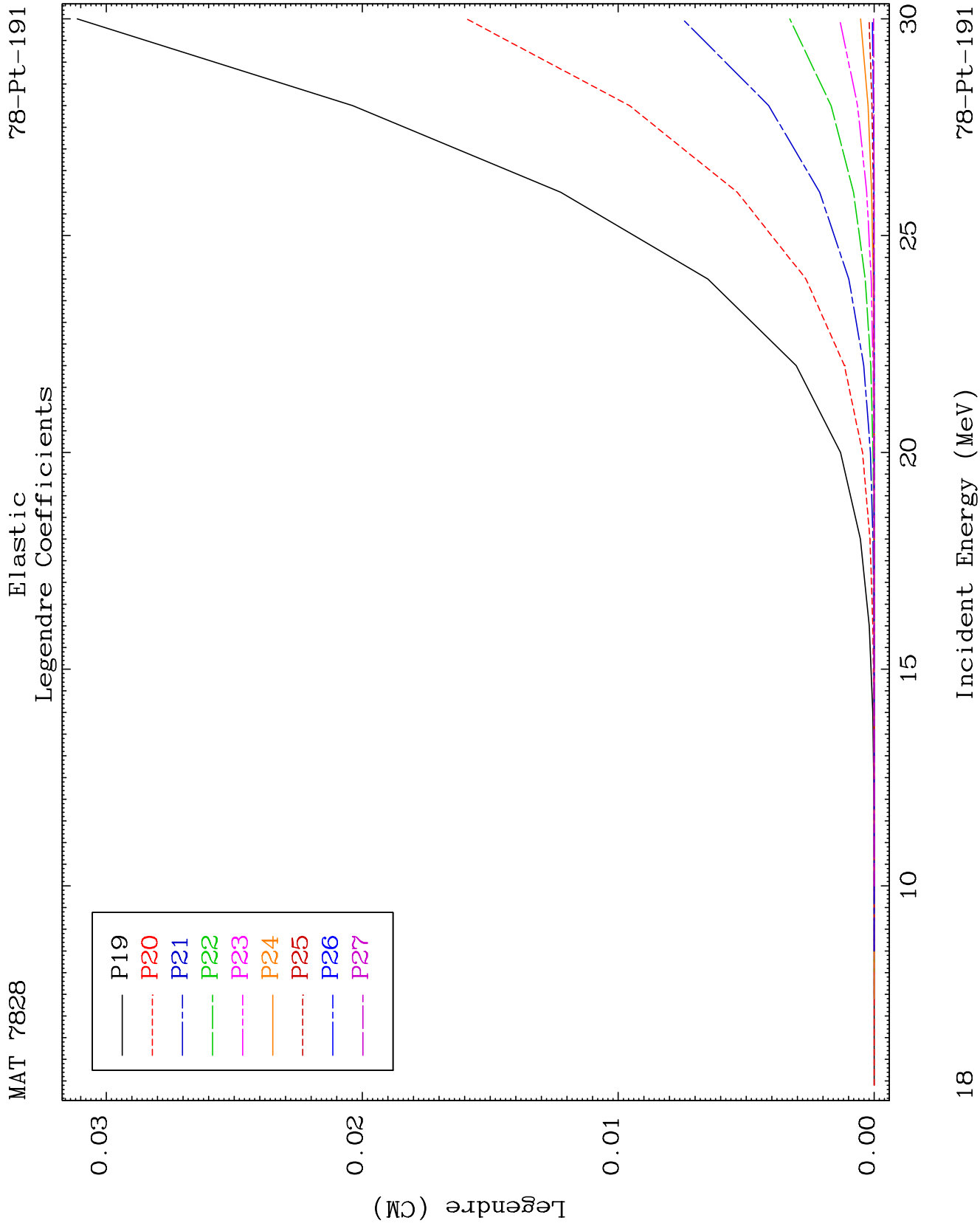
Incident Energy (MeV)

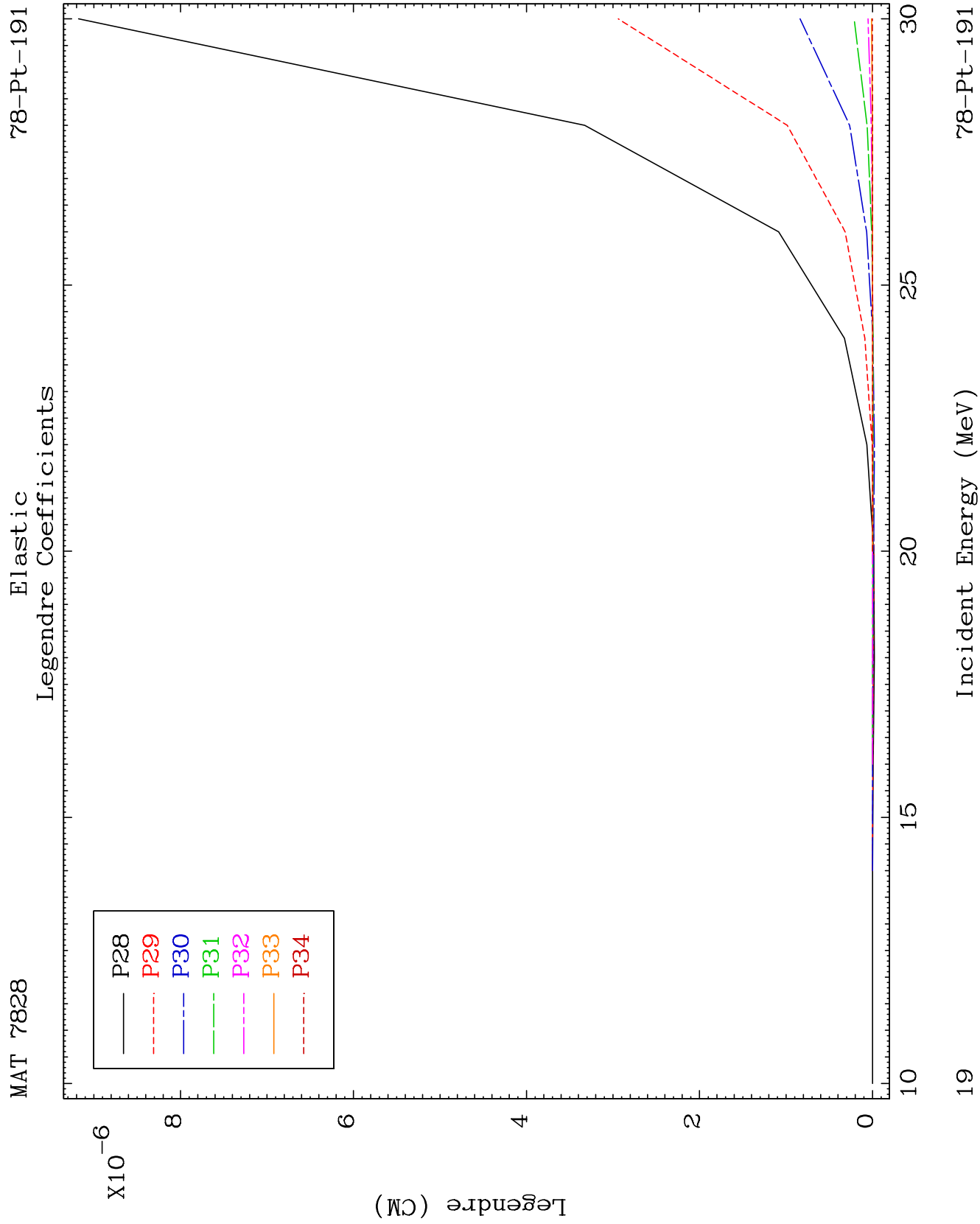
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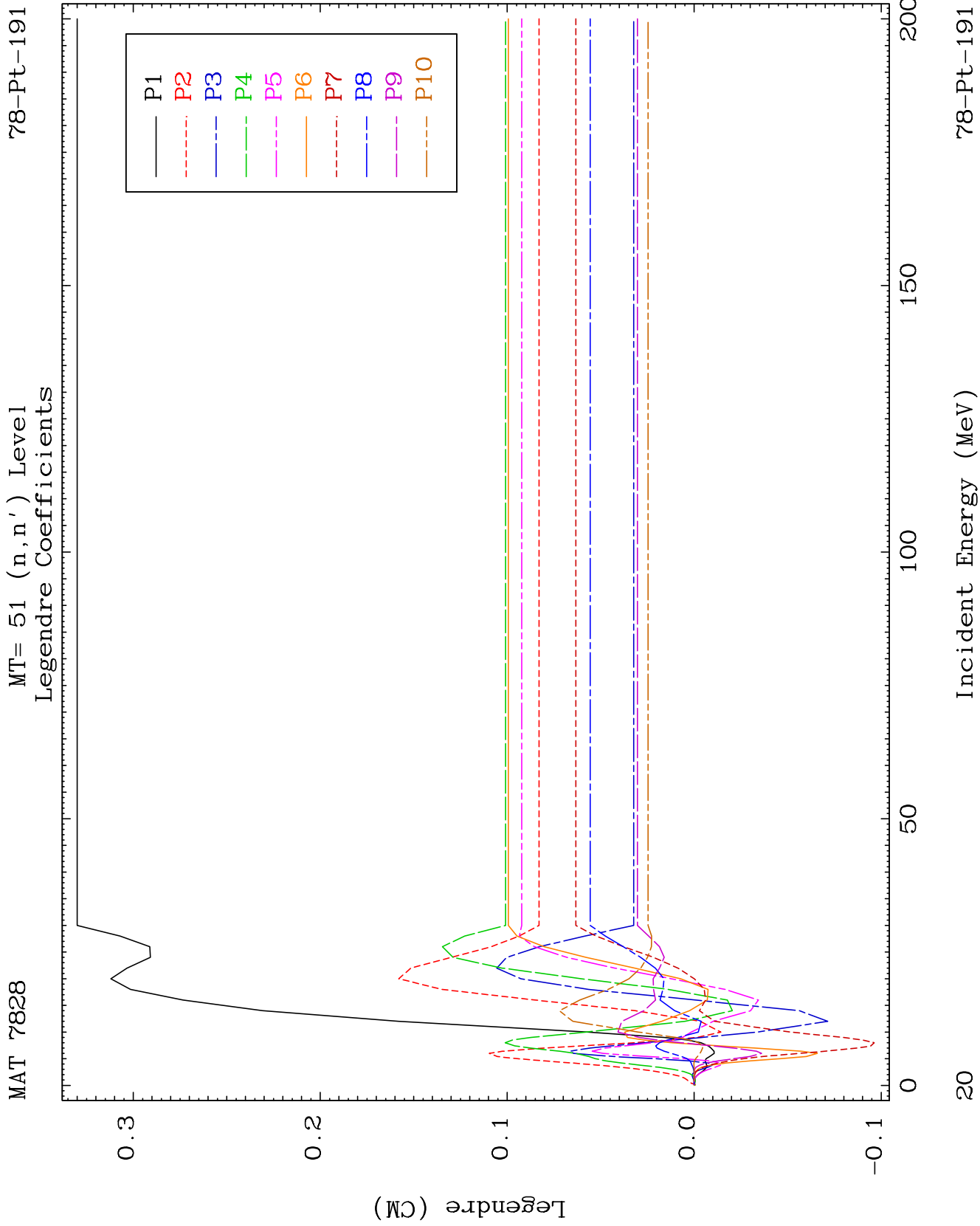


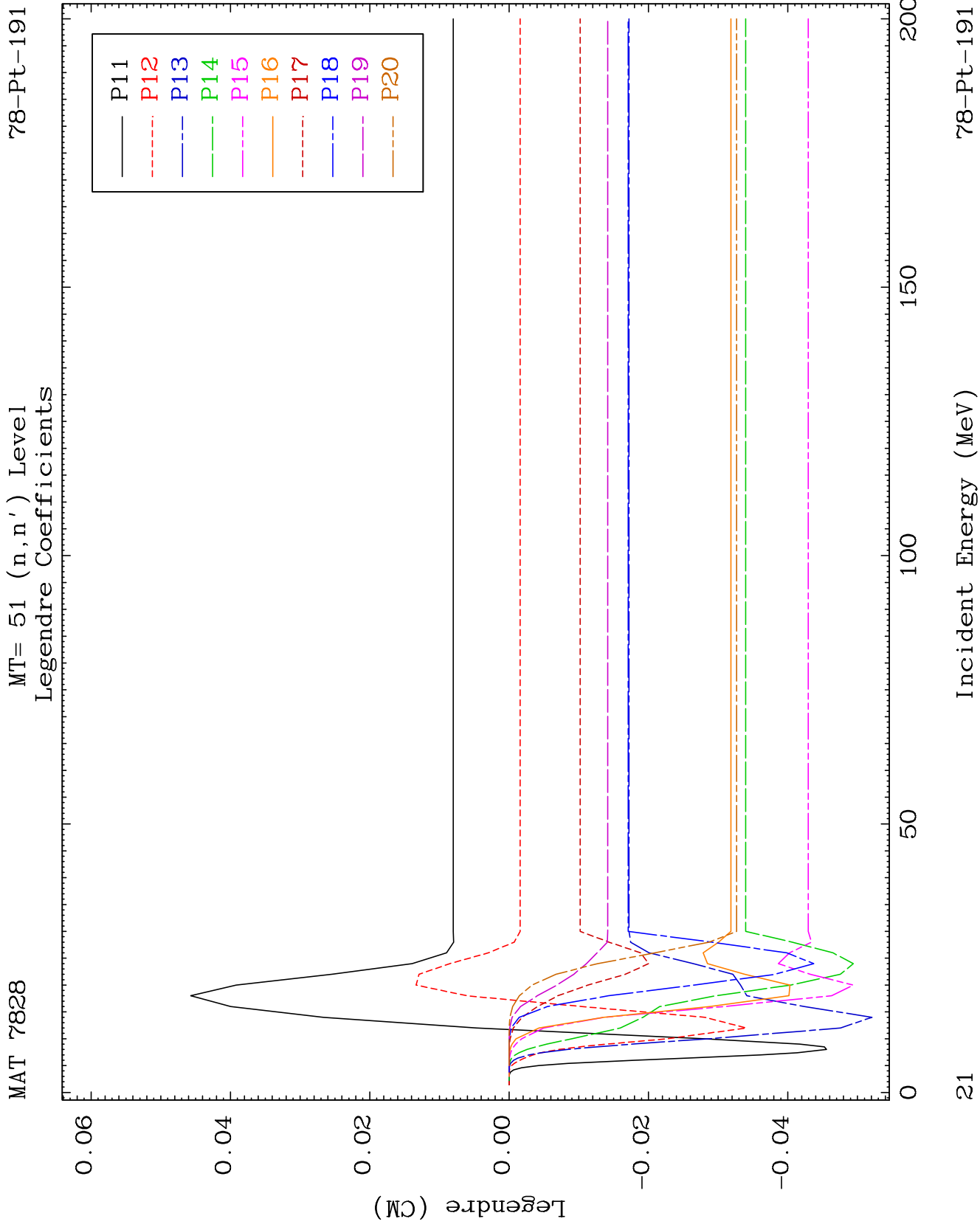








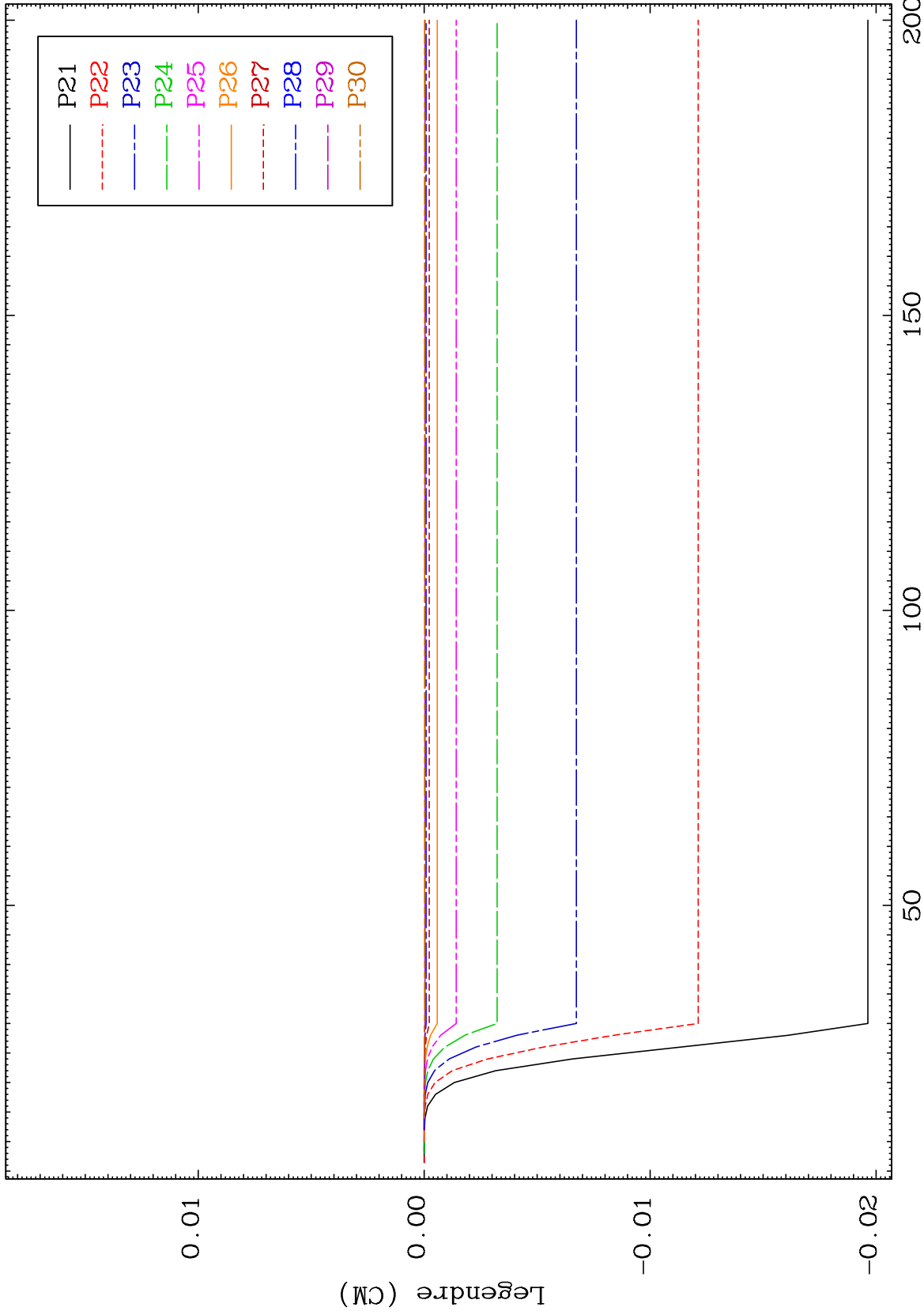




MAT 7828

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

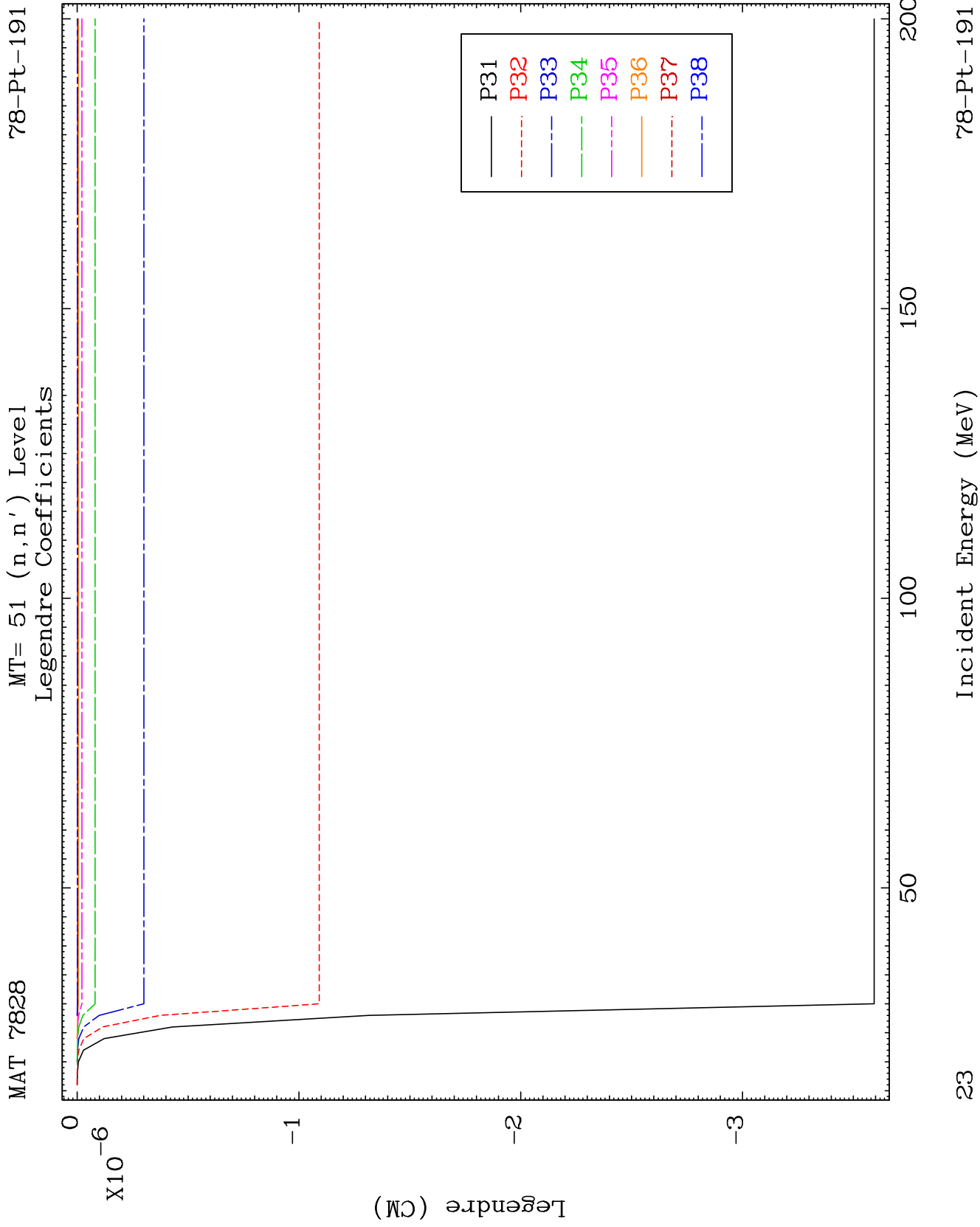
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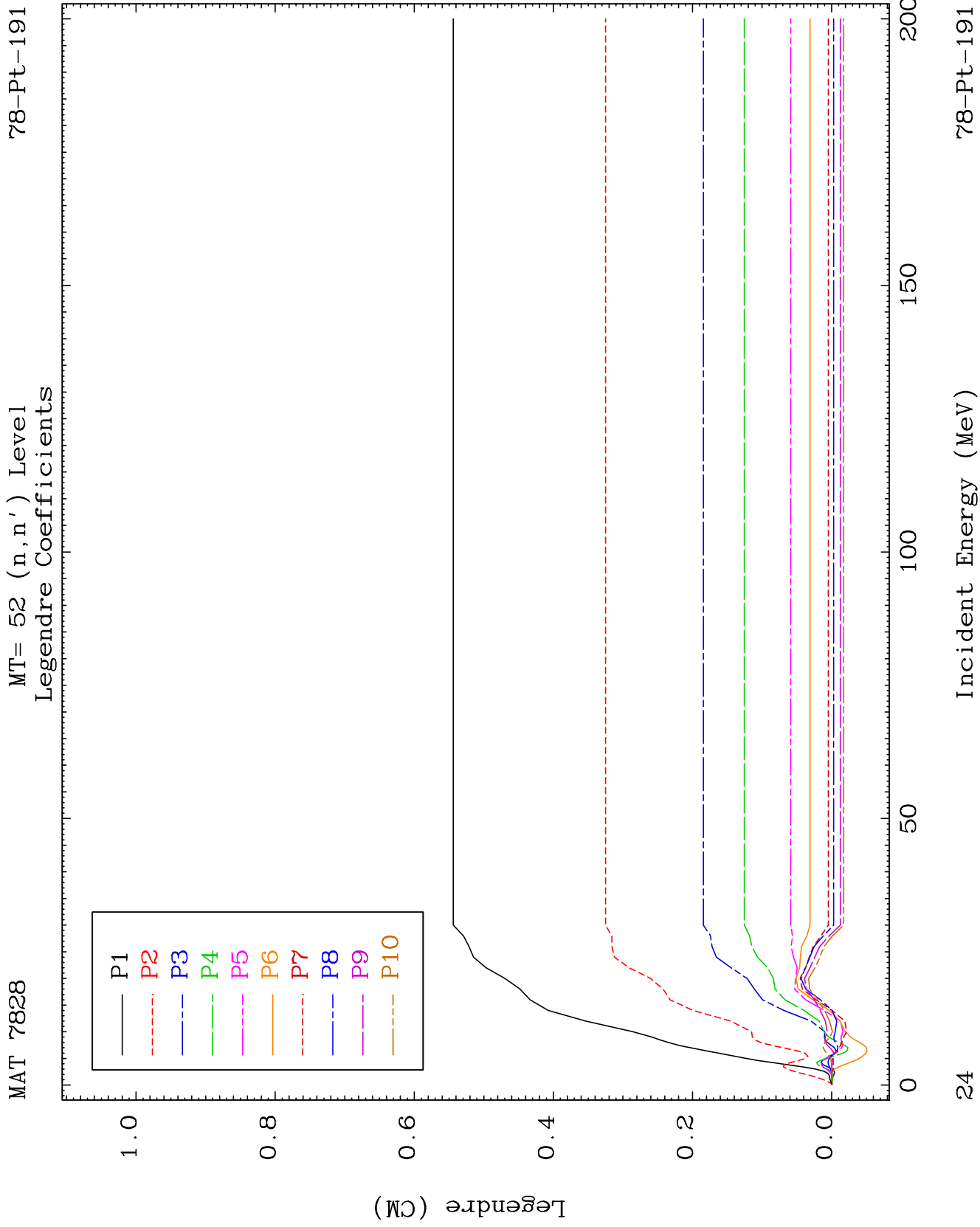


22

Incident Energy (MeV)

78-Pt-191

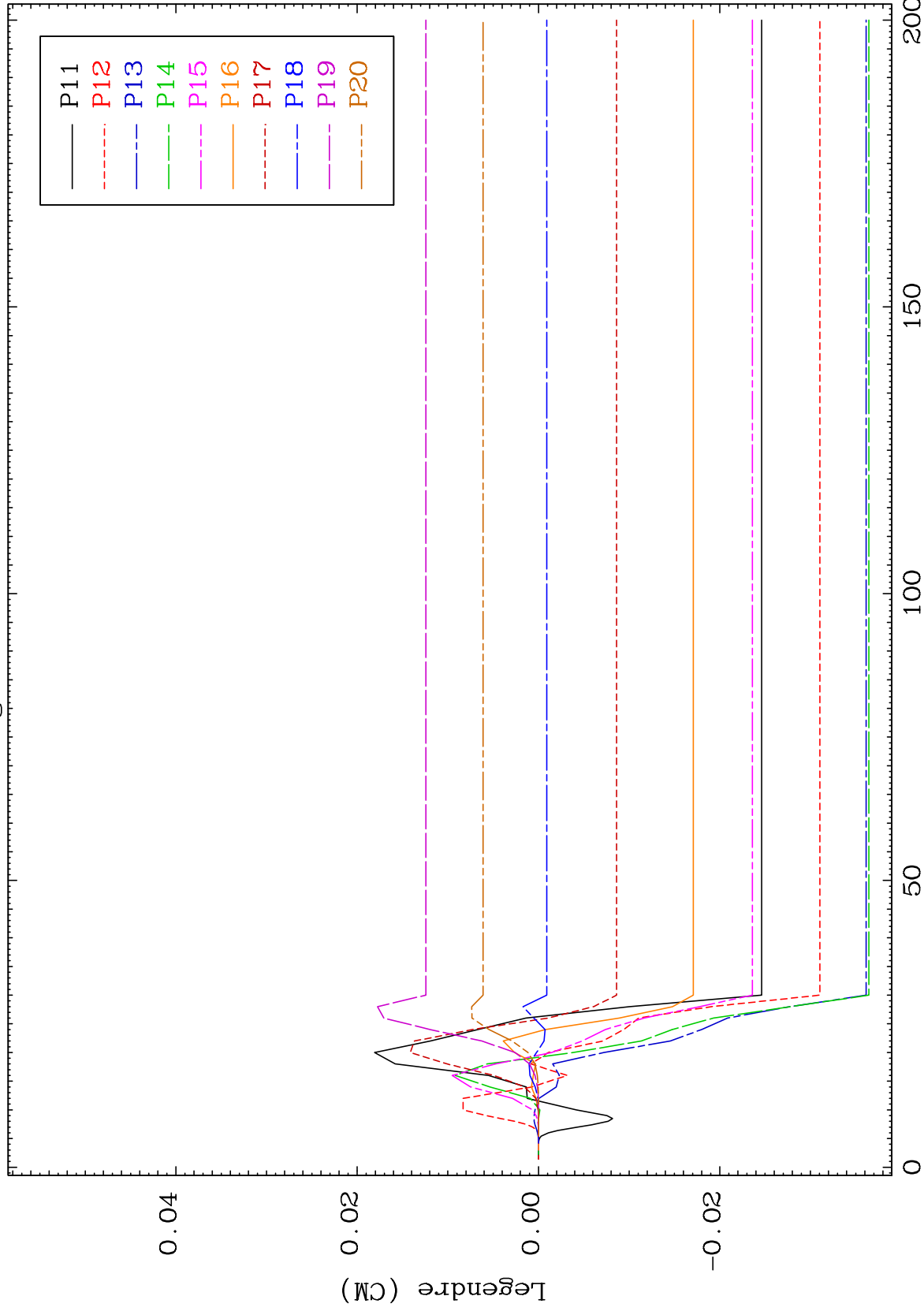




MAT 7828

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

78-Pt-191



25

Incident Energy (MeV)

50

100

150

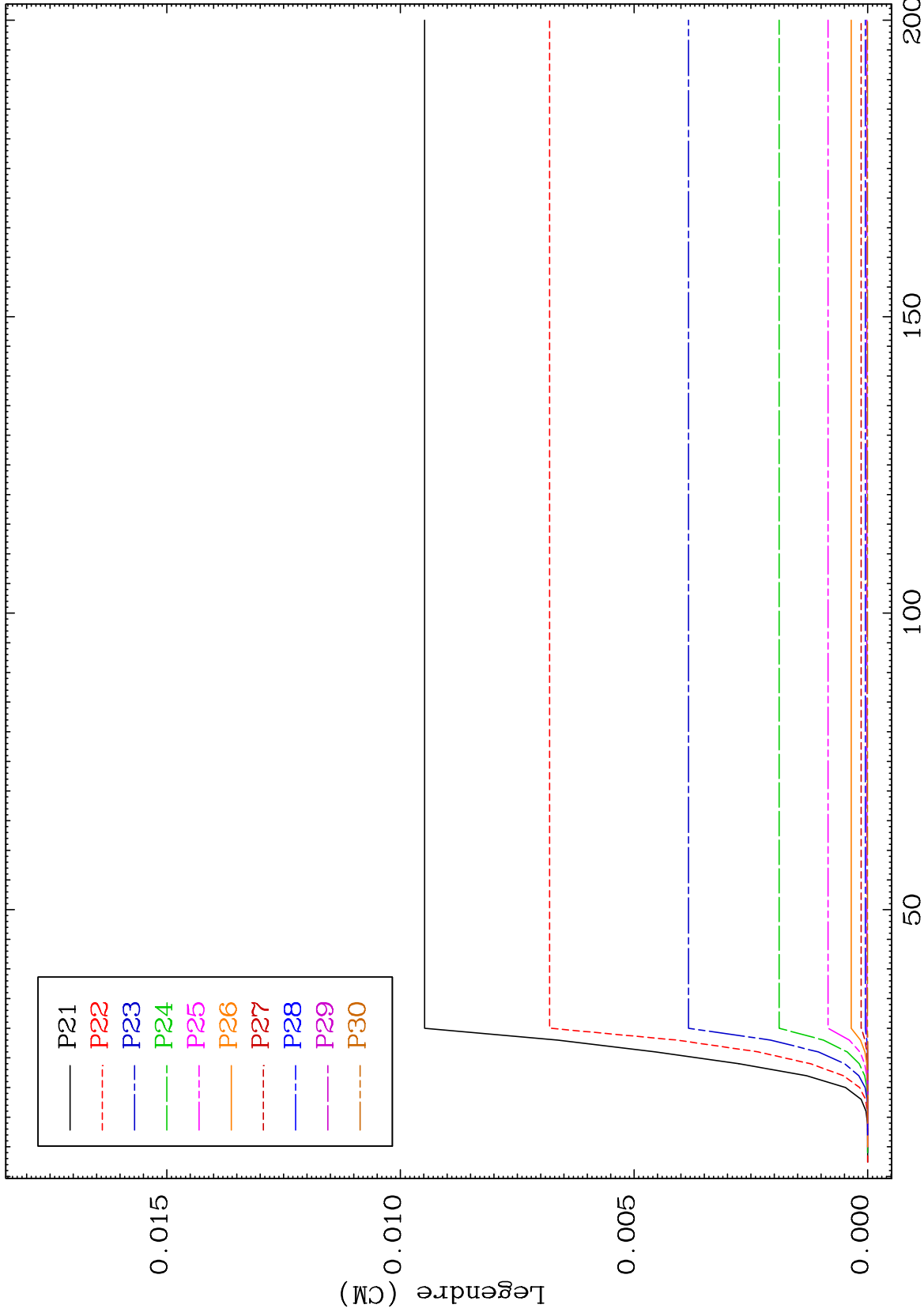
200

78-Pt-191

MAT 7828

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

78-Pt-191



26

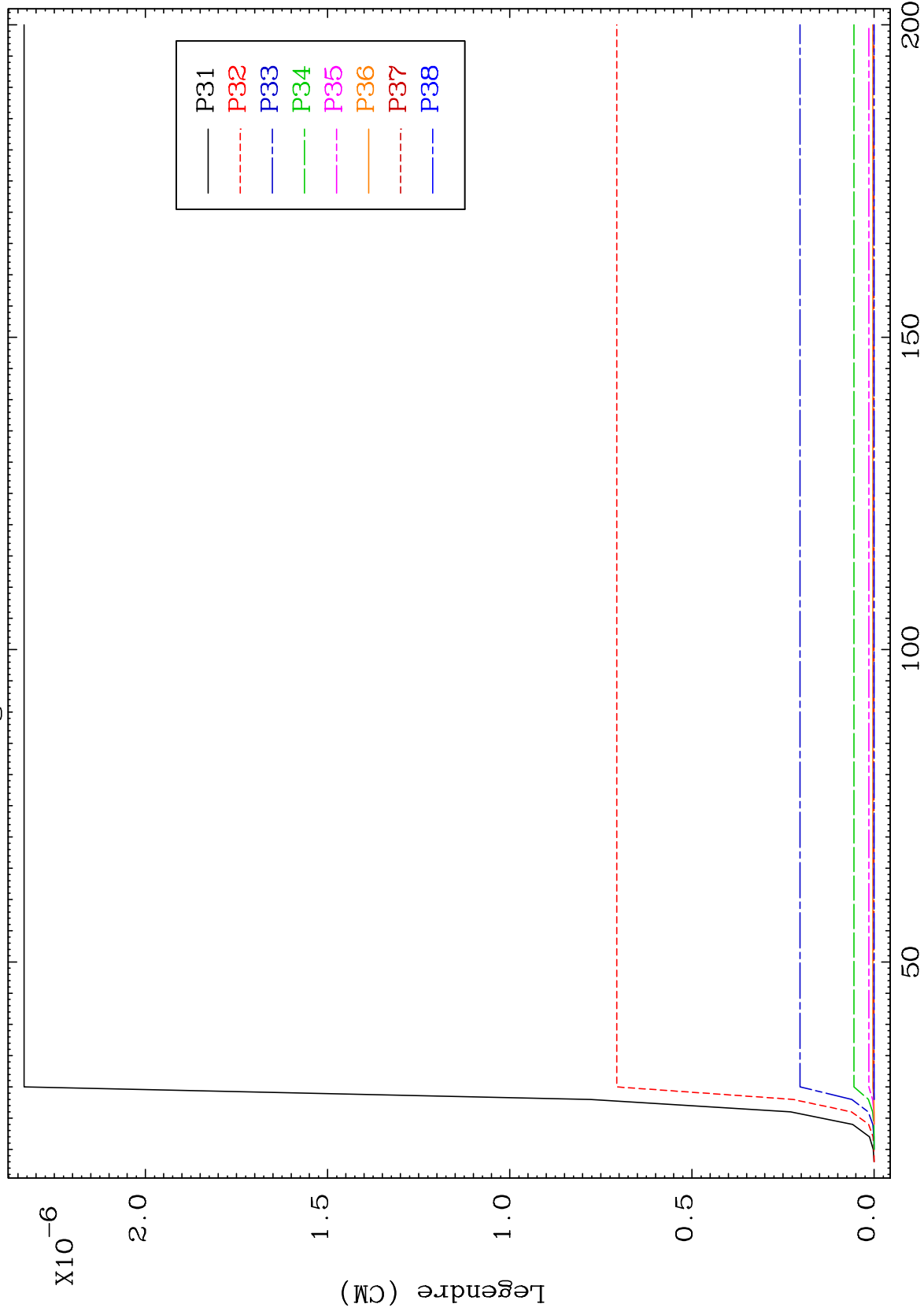
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

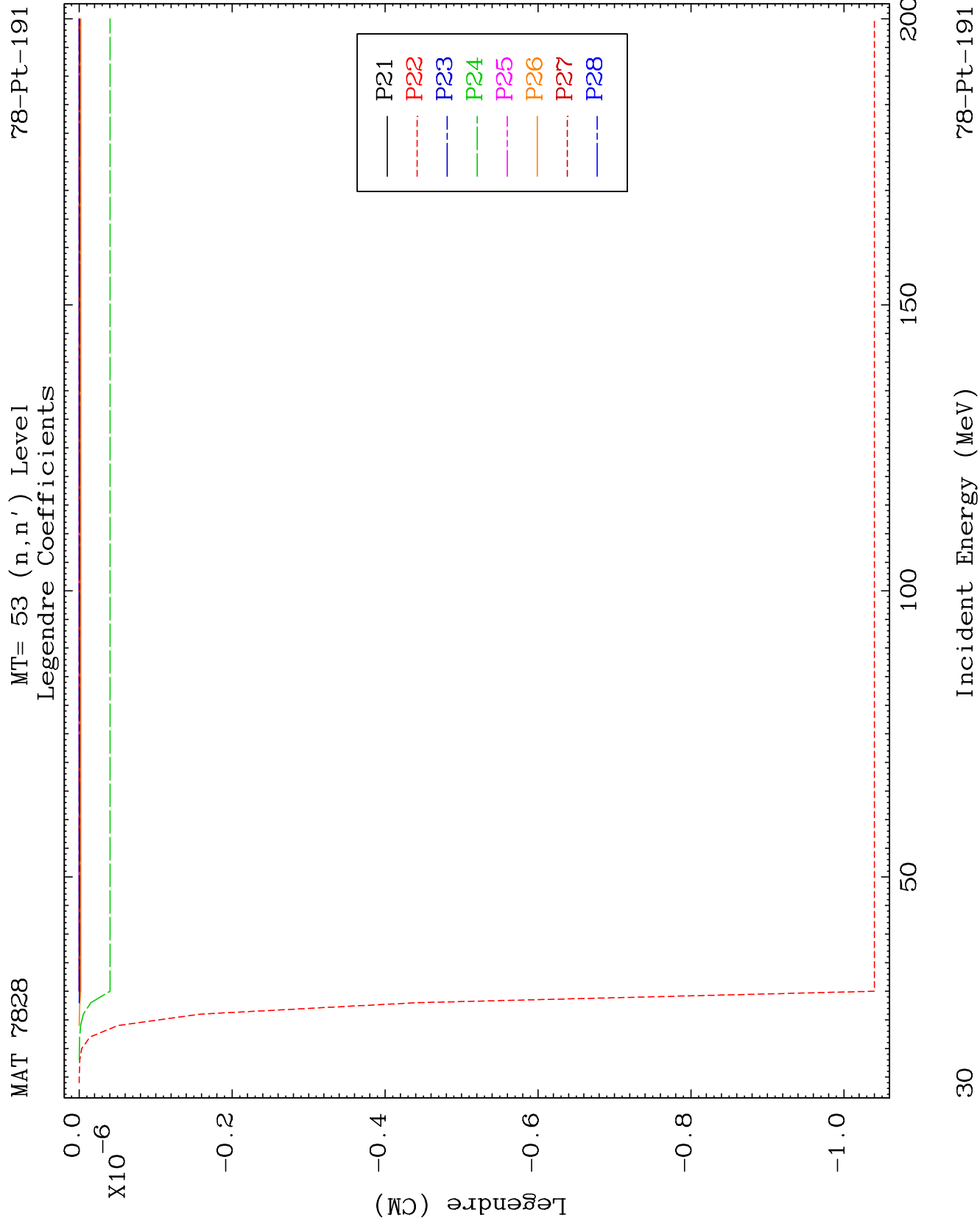
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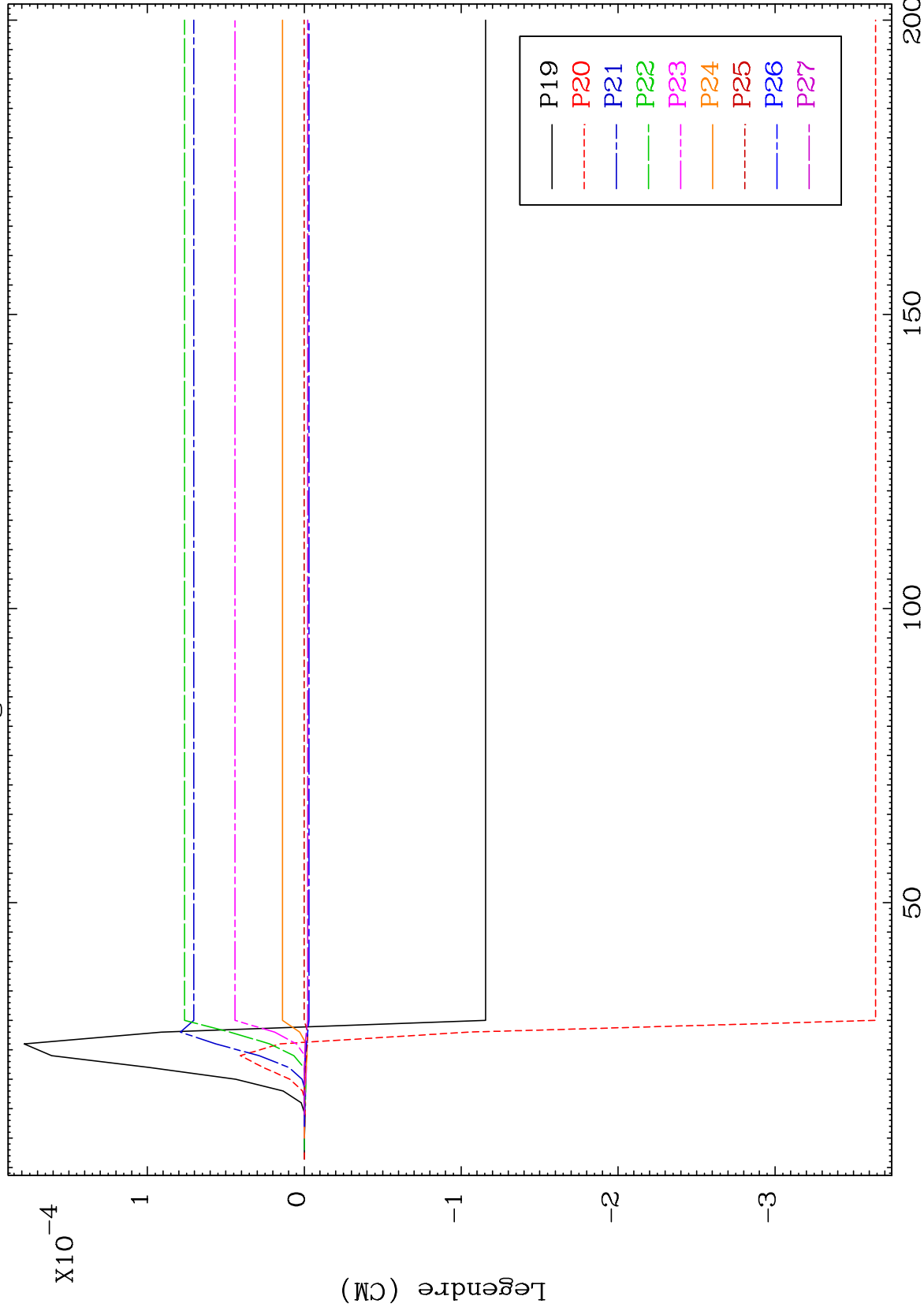


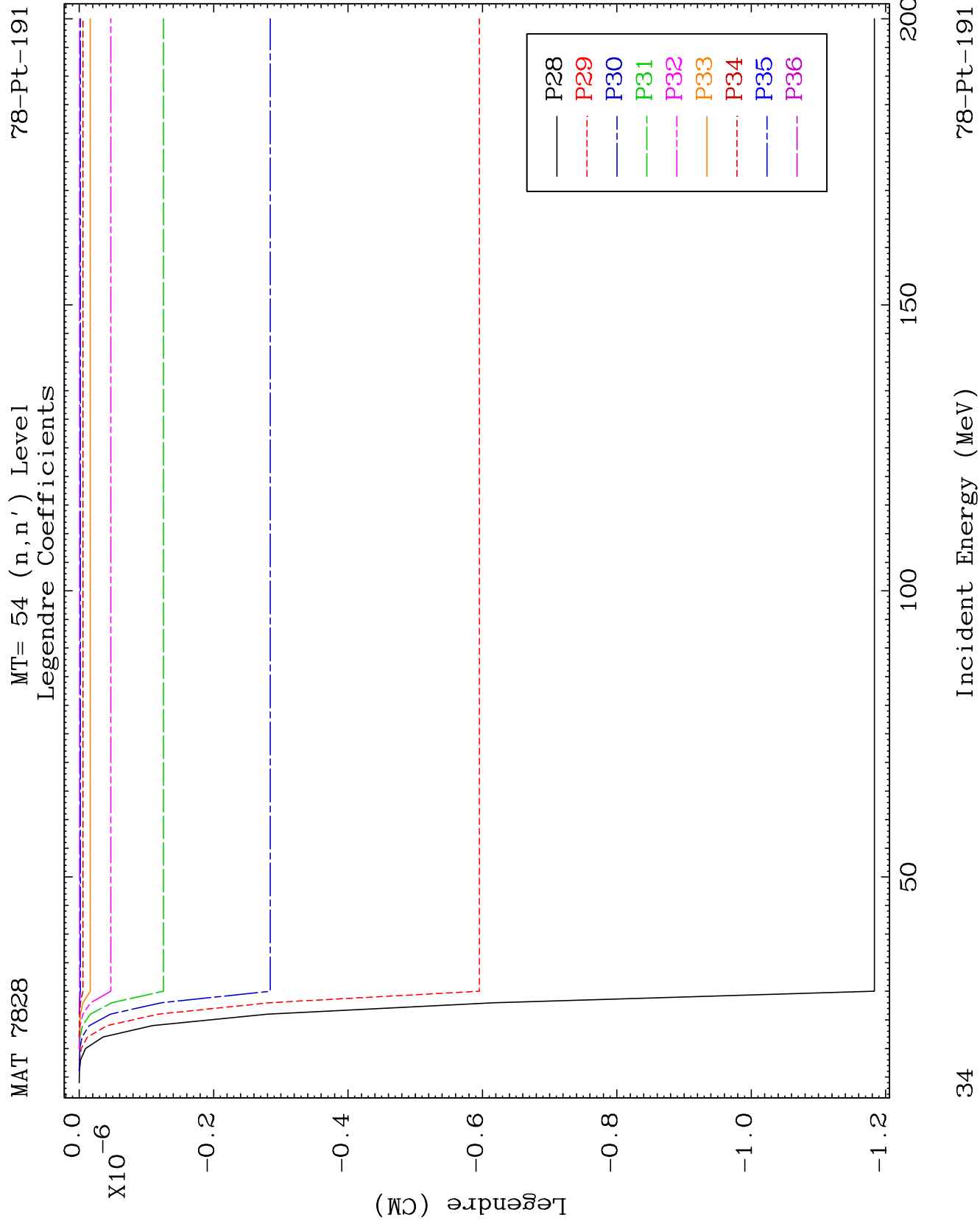
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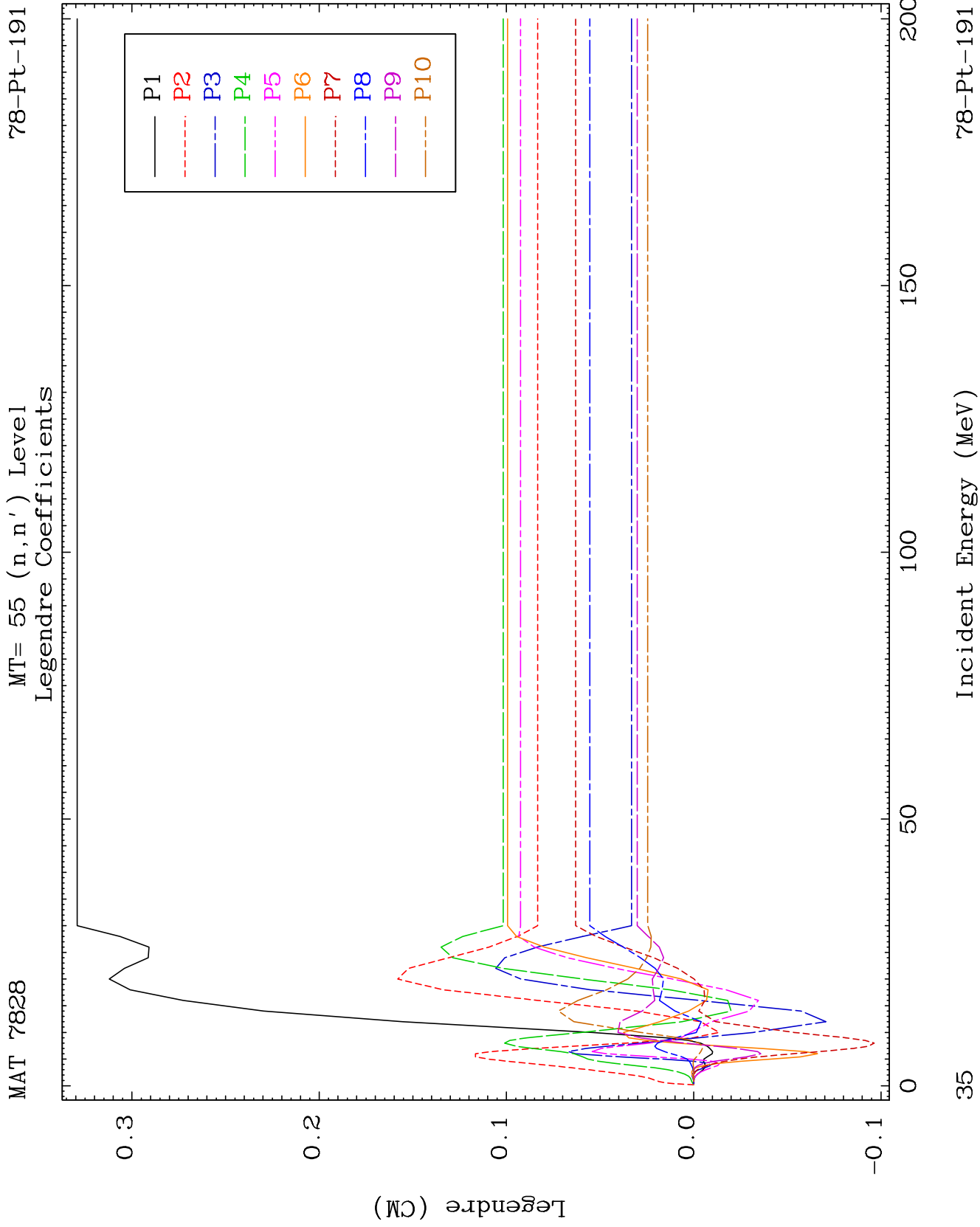
Incident Energy (MeV)

78-Pt-191





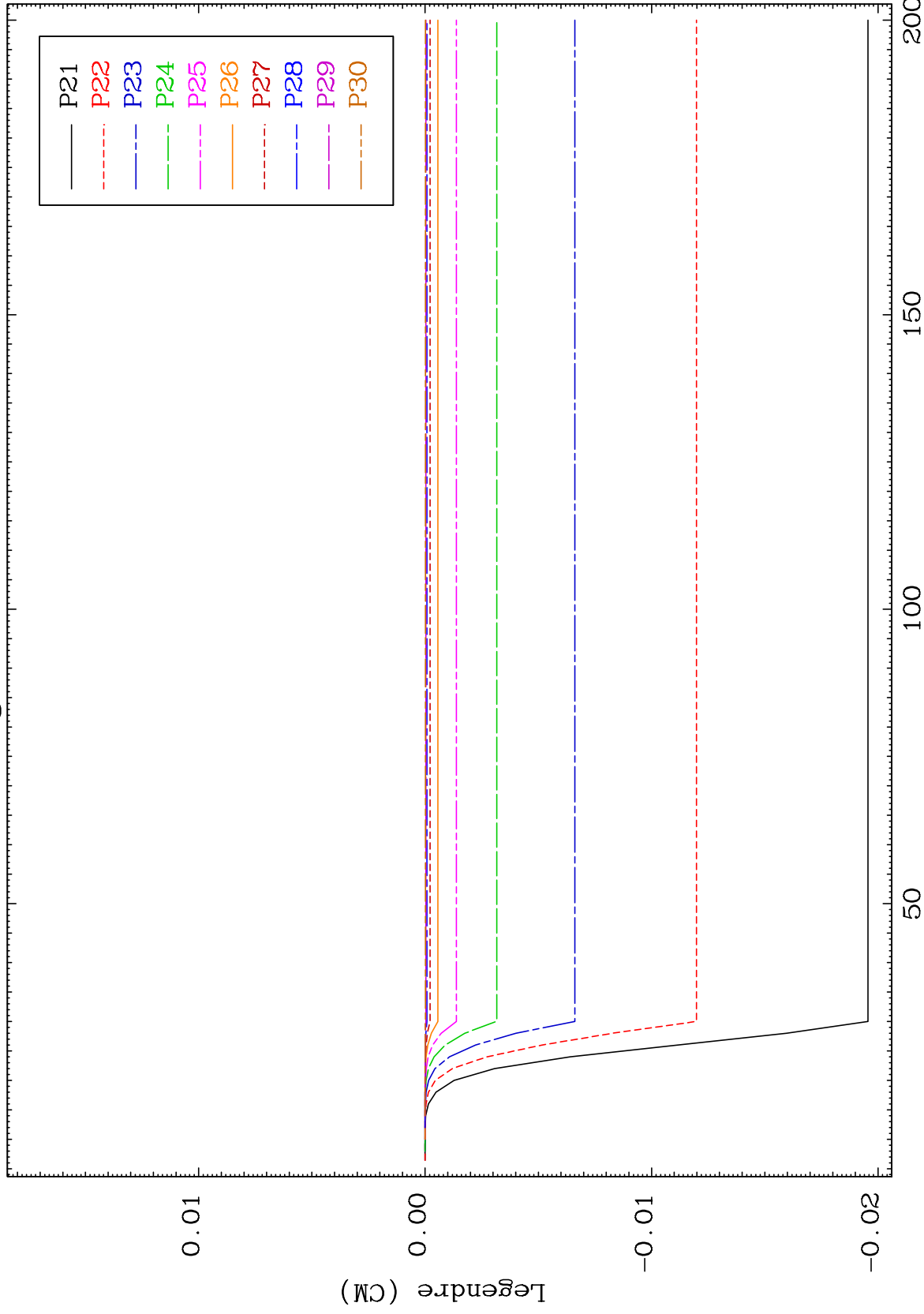




MAT 7828

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

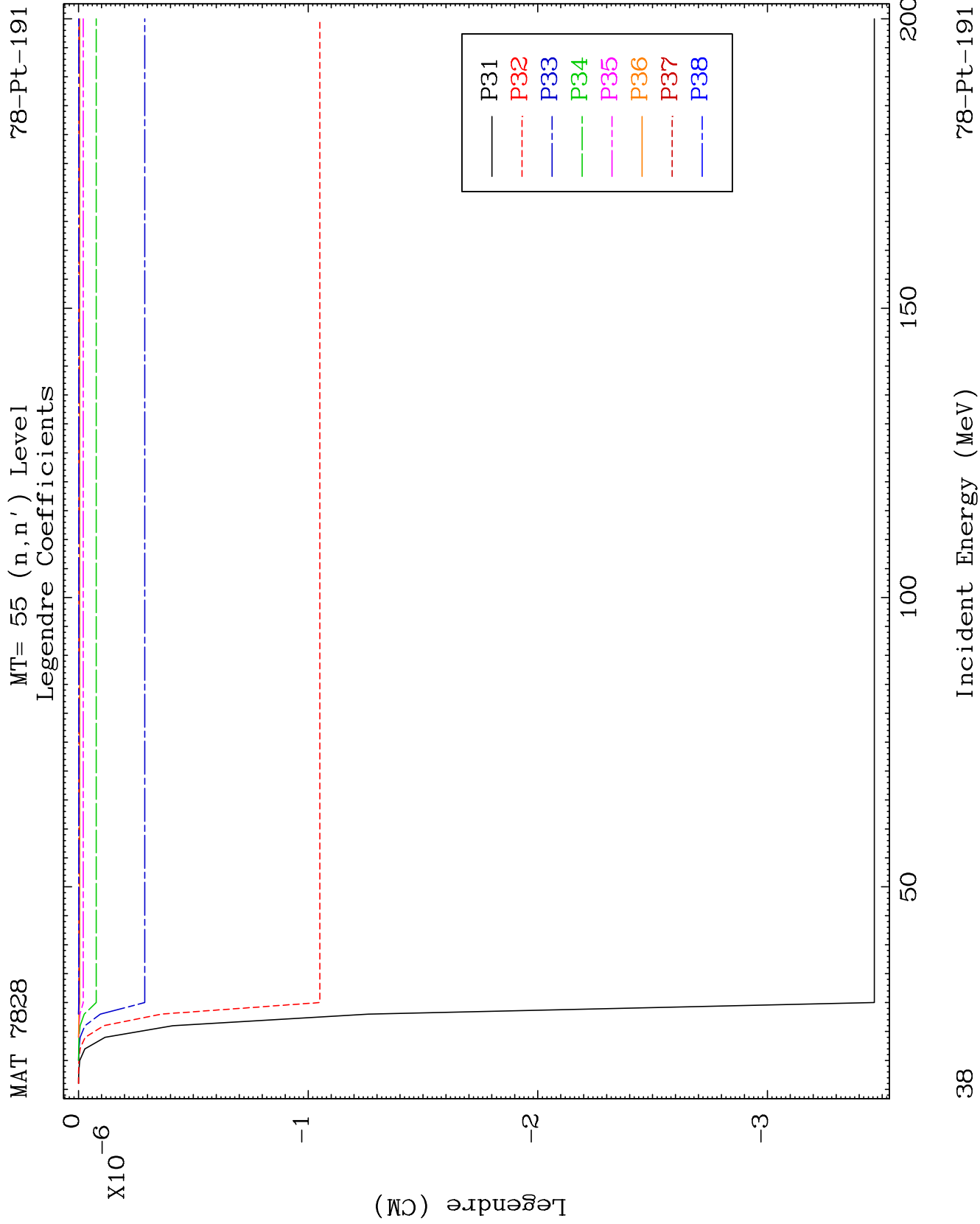
78-Pt-191



37

Incident Energy (MeV)

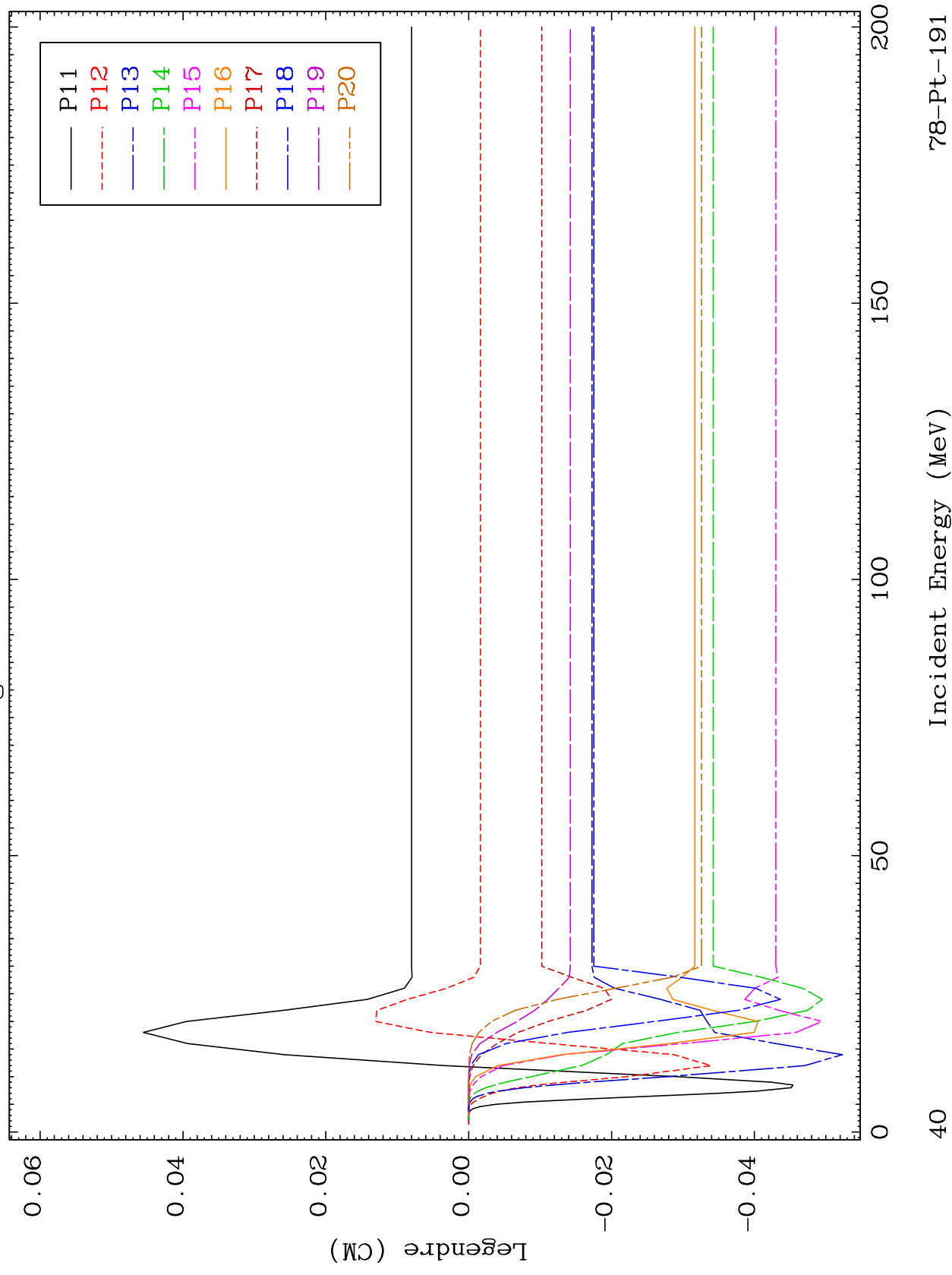
78-Pt-191



MAT 7828

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

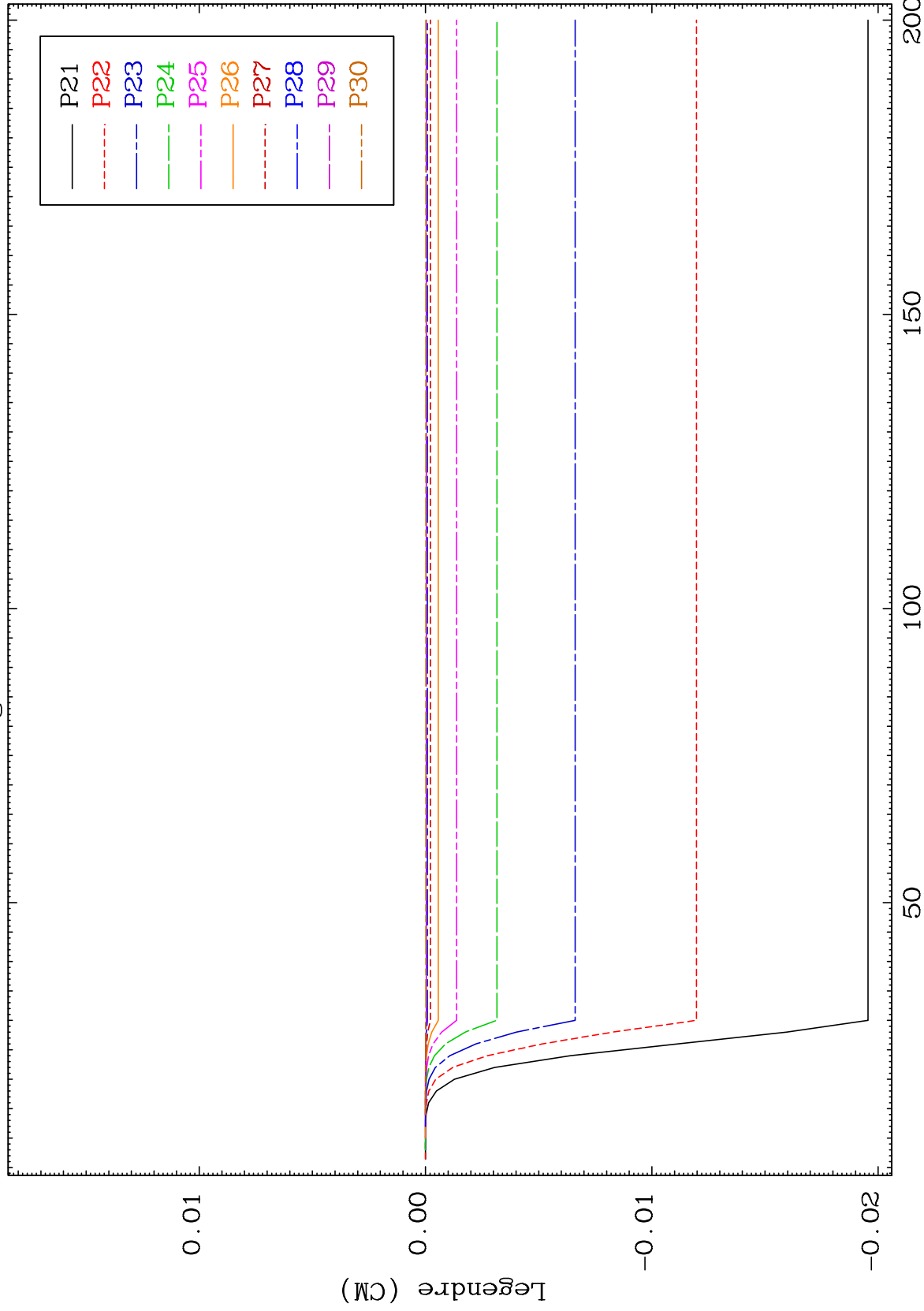
78-Pt-191



MAT 7828

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

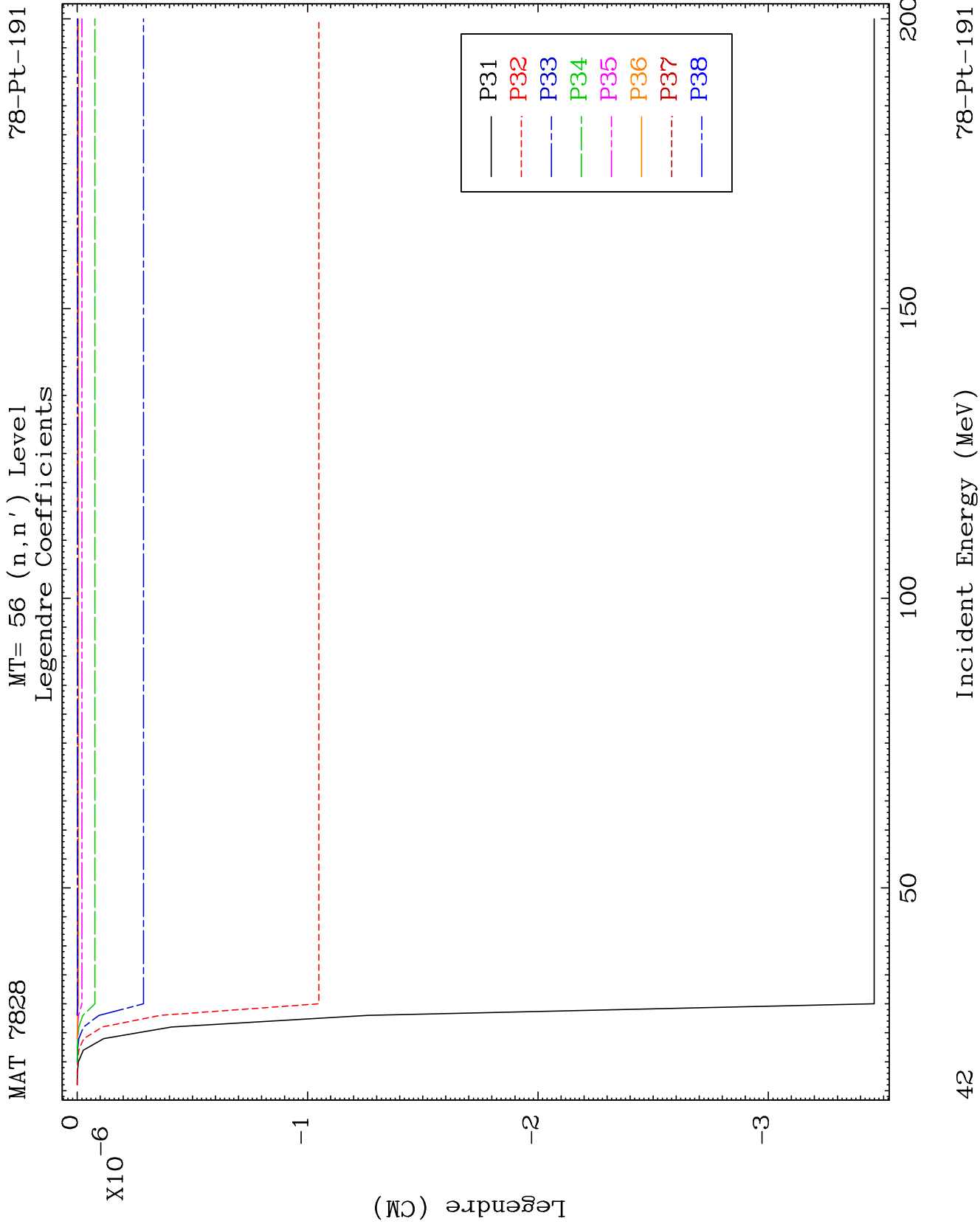
78-Pt-191



41

Incident Energy (MeV)

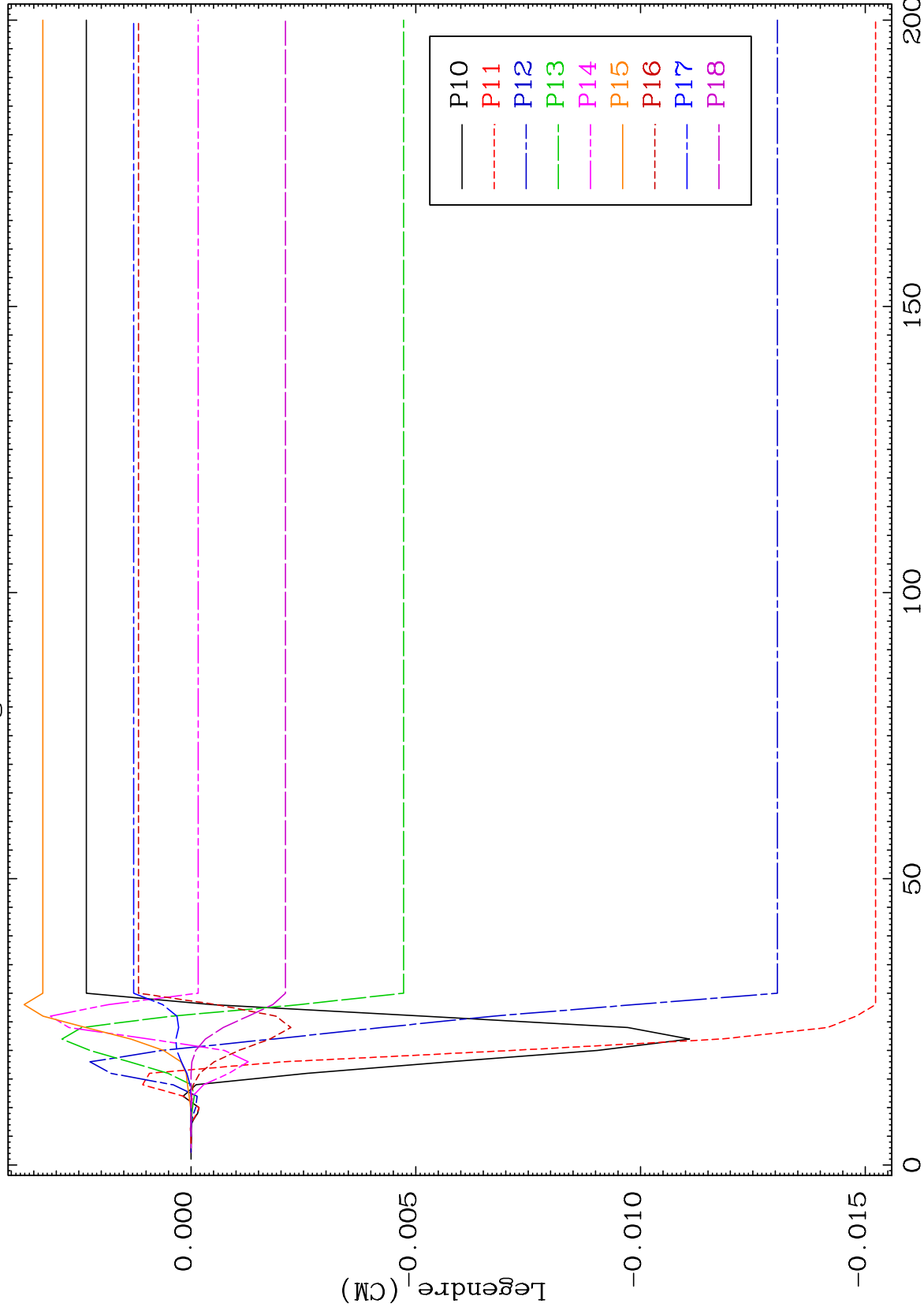
78-Pt-191



MAT 7828

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

78-Pt-191



44

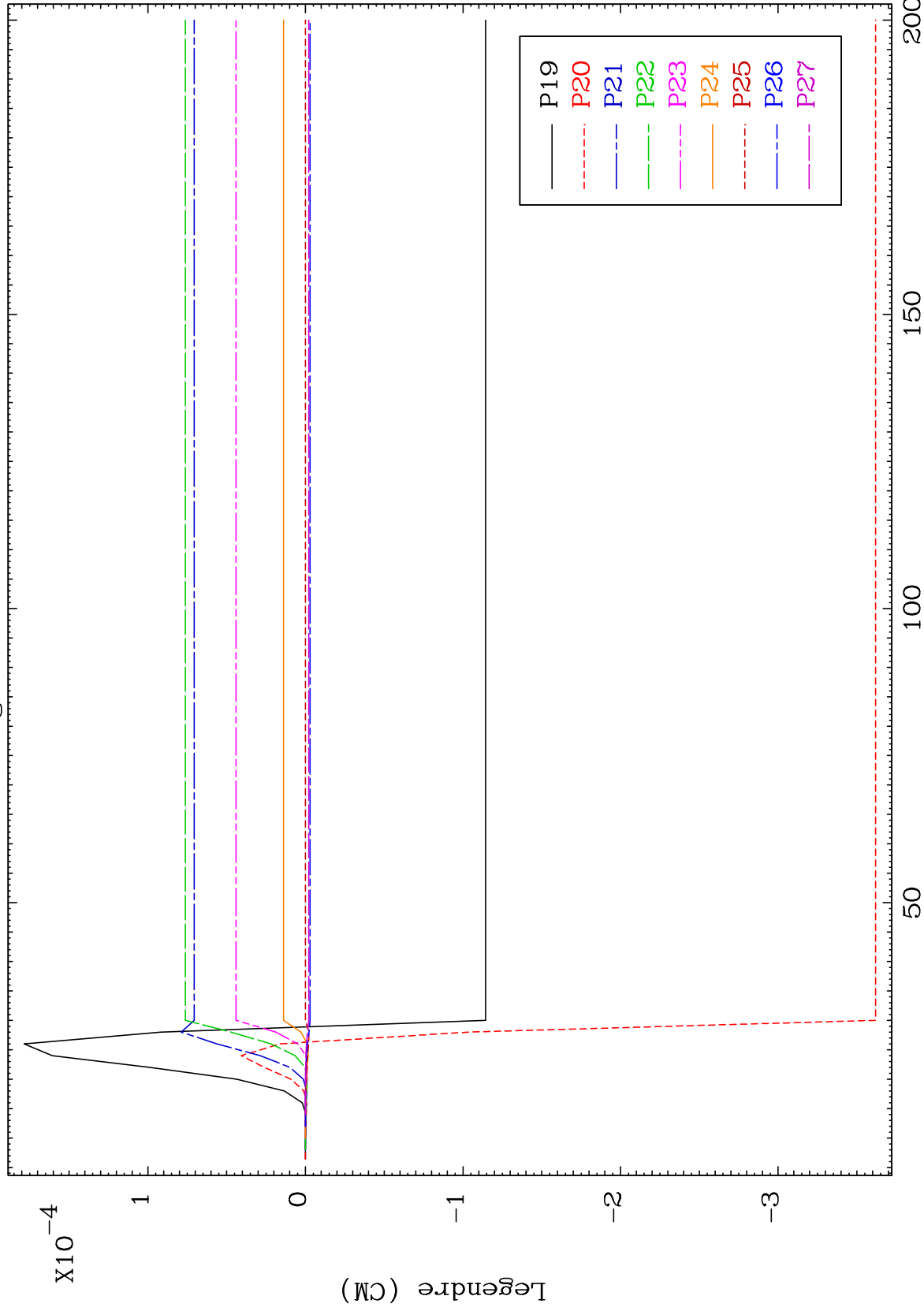
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

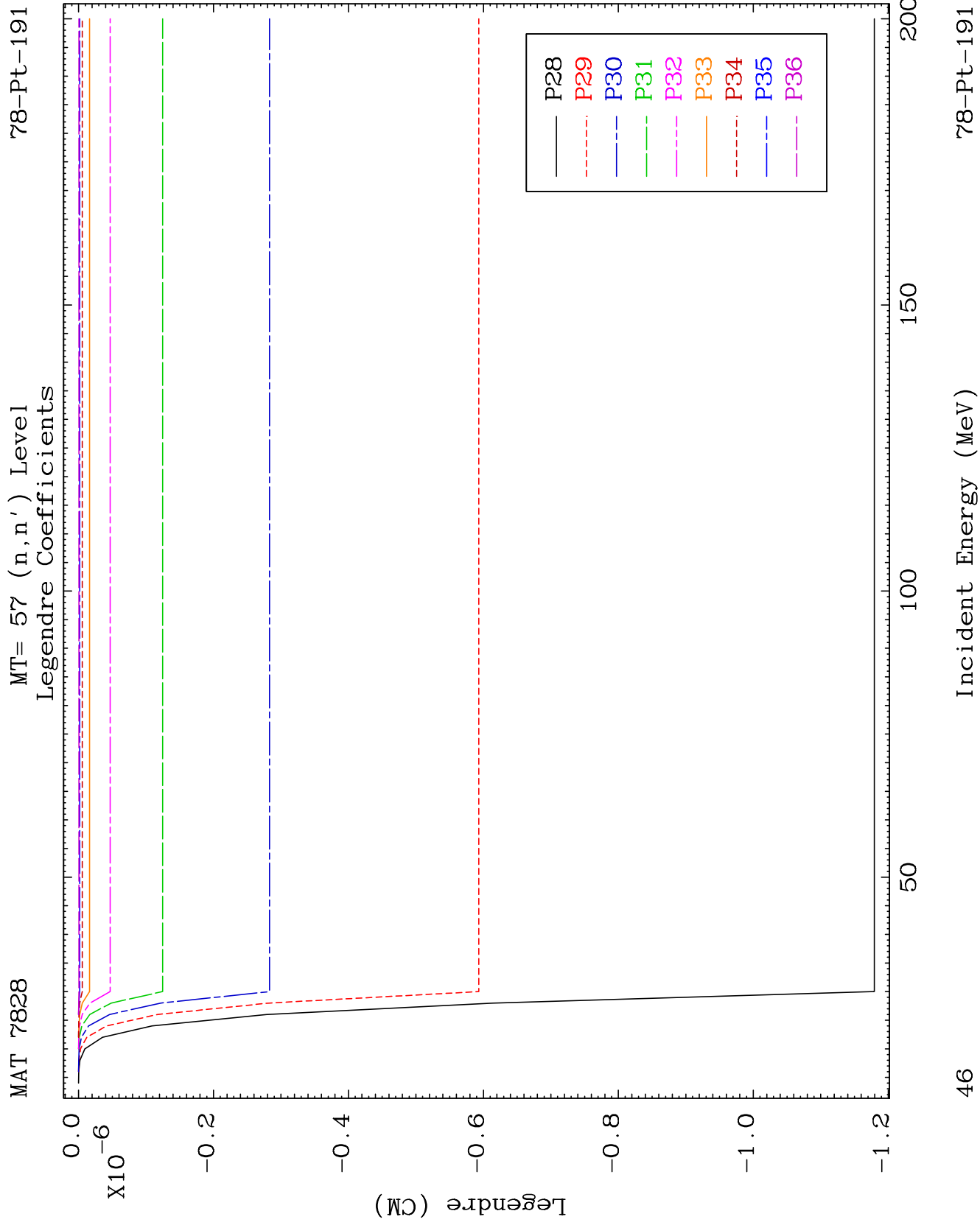
78-Pt-191



45

Incident Energy (MeV)

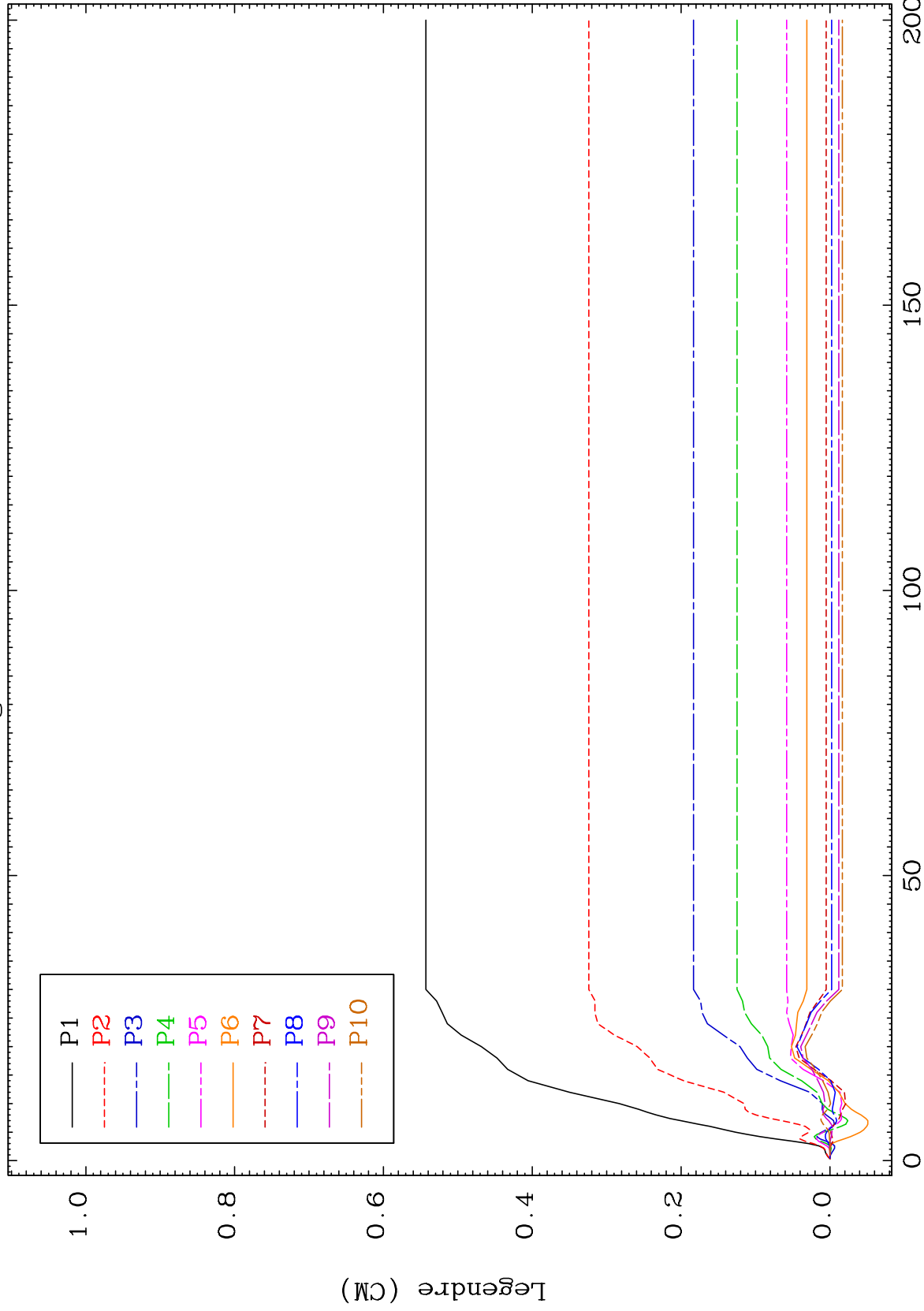
78-Pt-191



MAT 7828

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

78-Pt-191



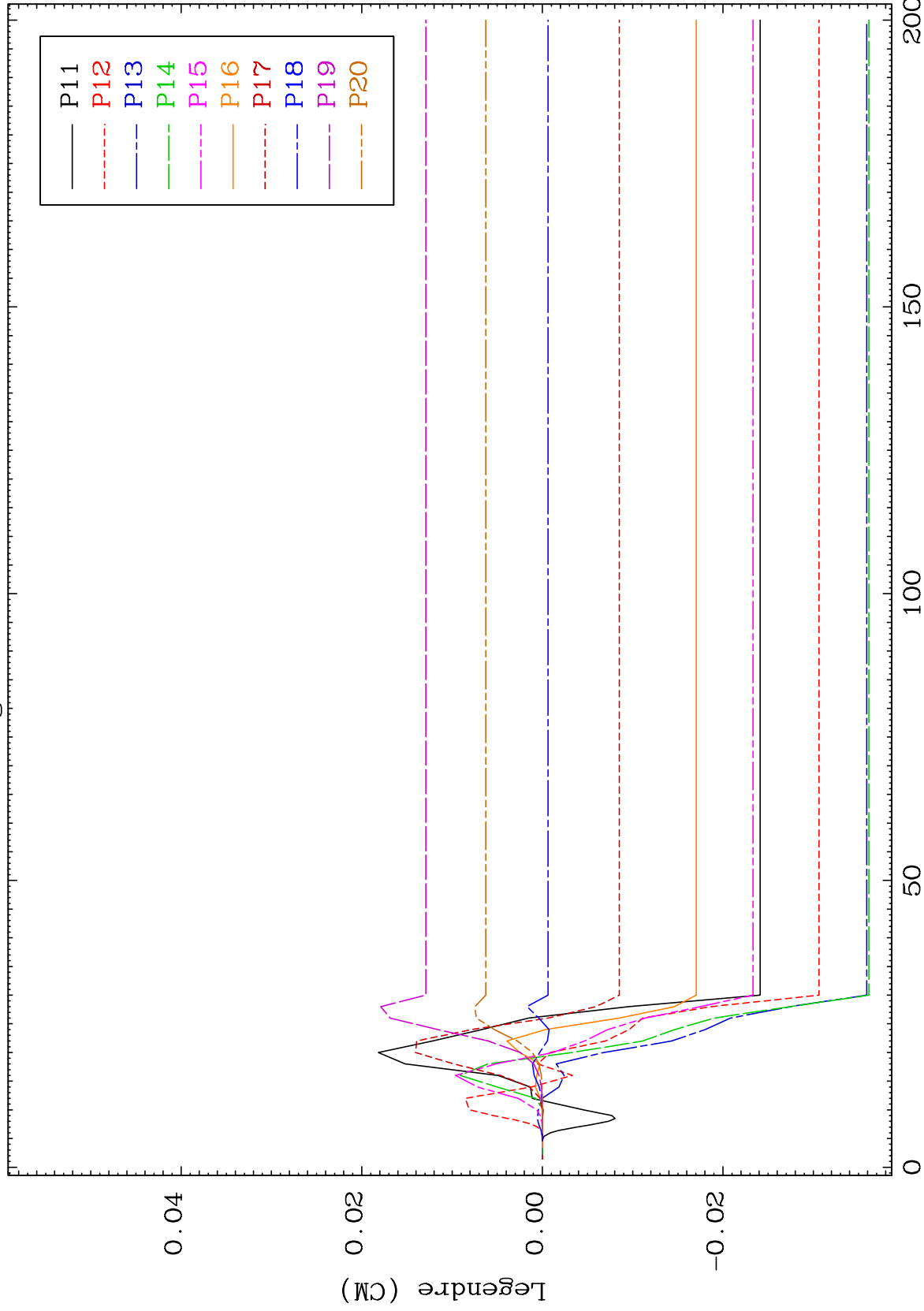
47

78-Pt-191

MAT 7828

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

78-Pt-191



48

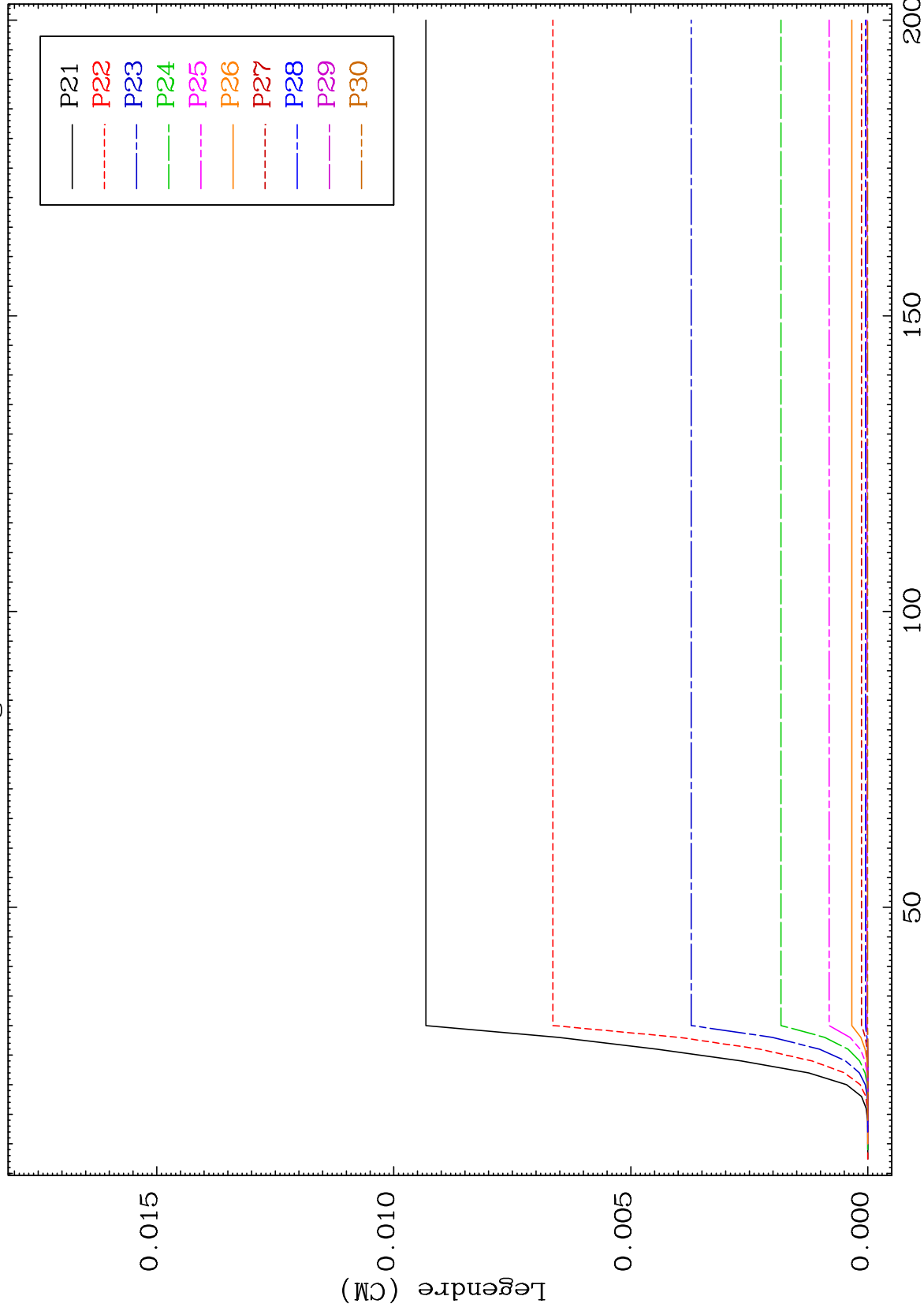
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



49

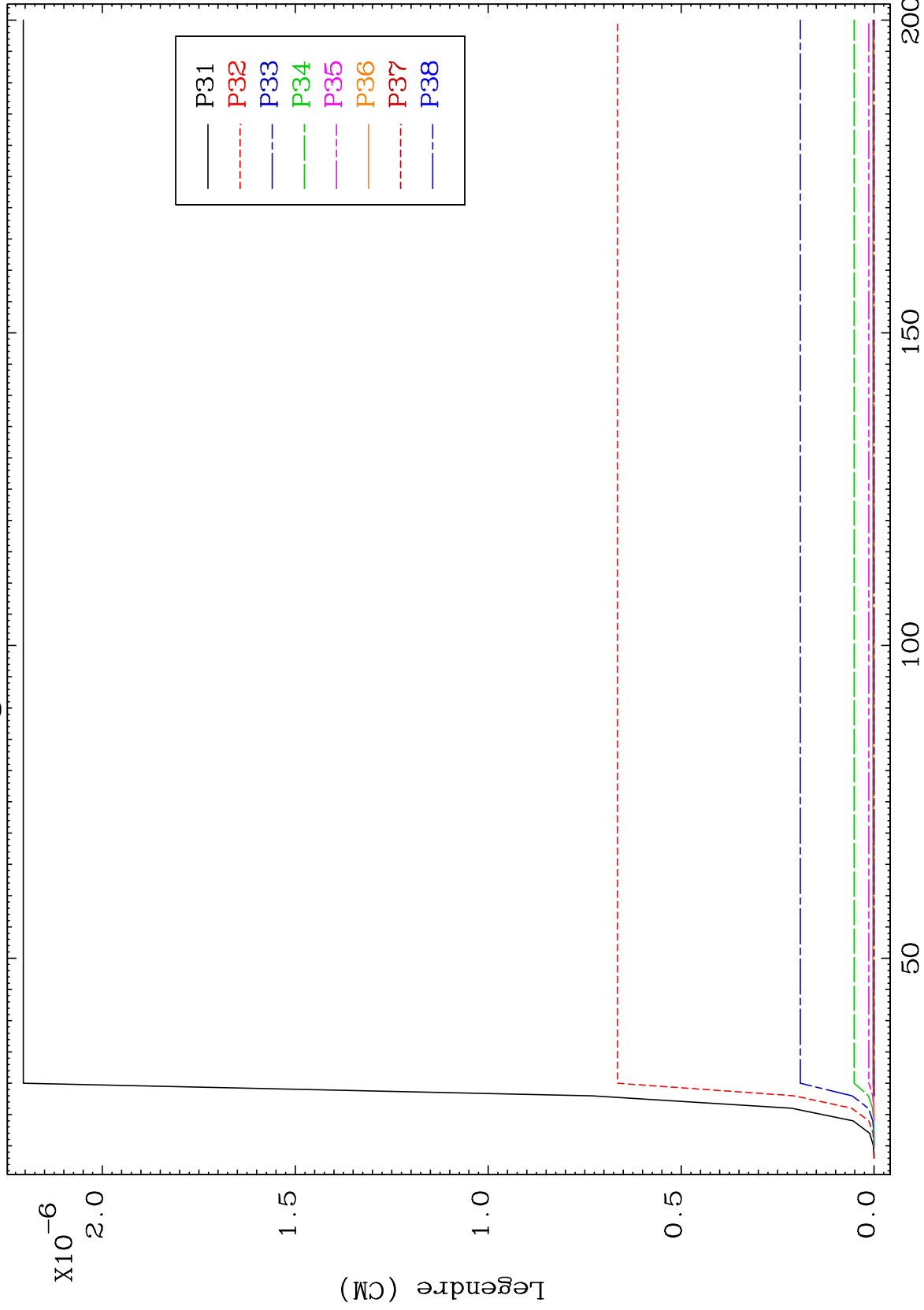
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191

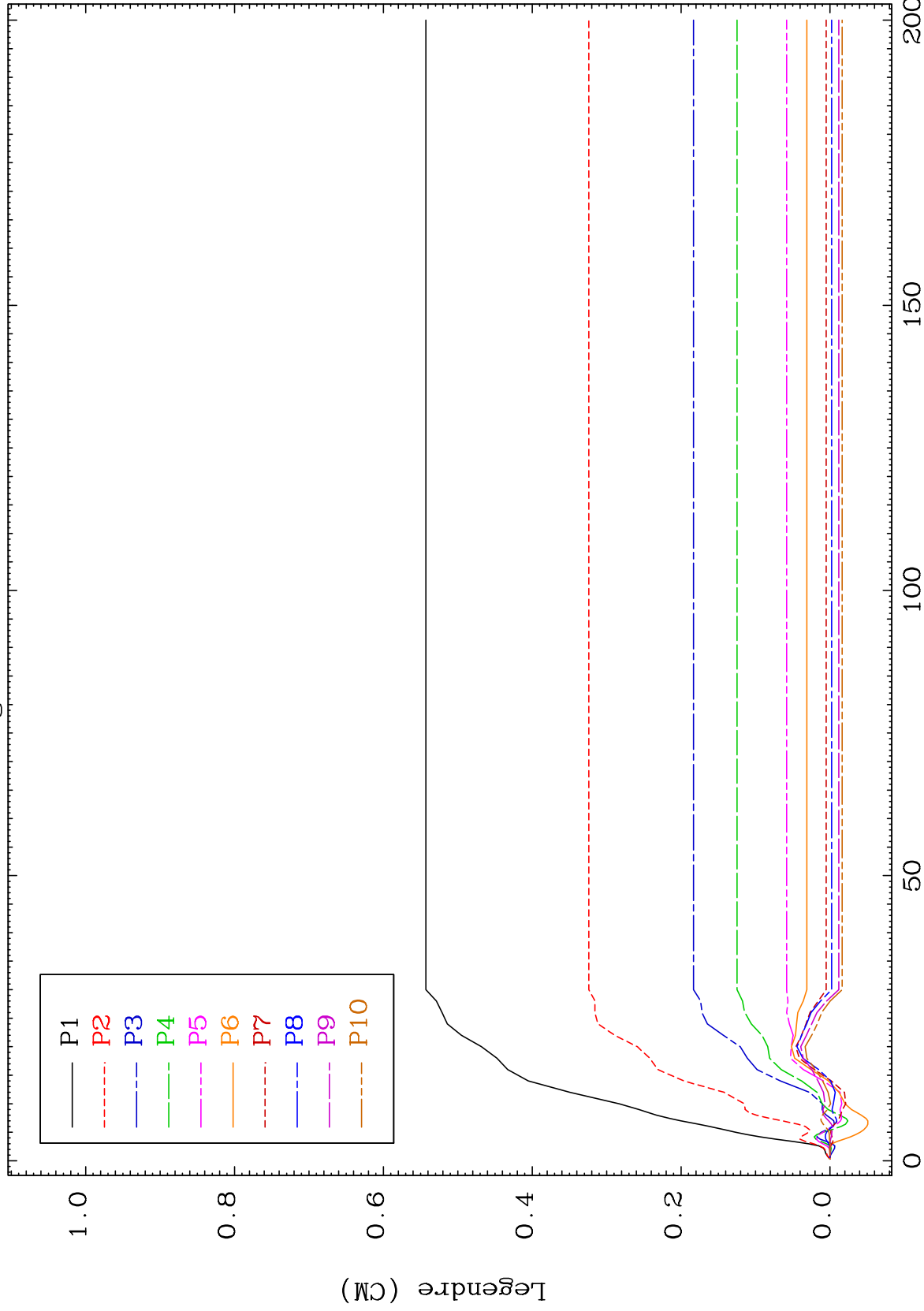


78-Pt-191

MAT 7828

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

78-Pt-191



51

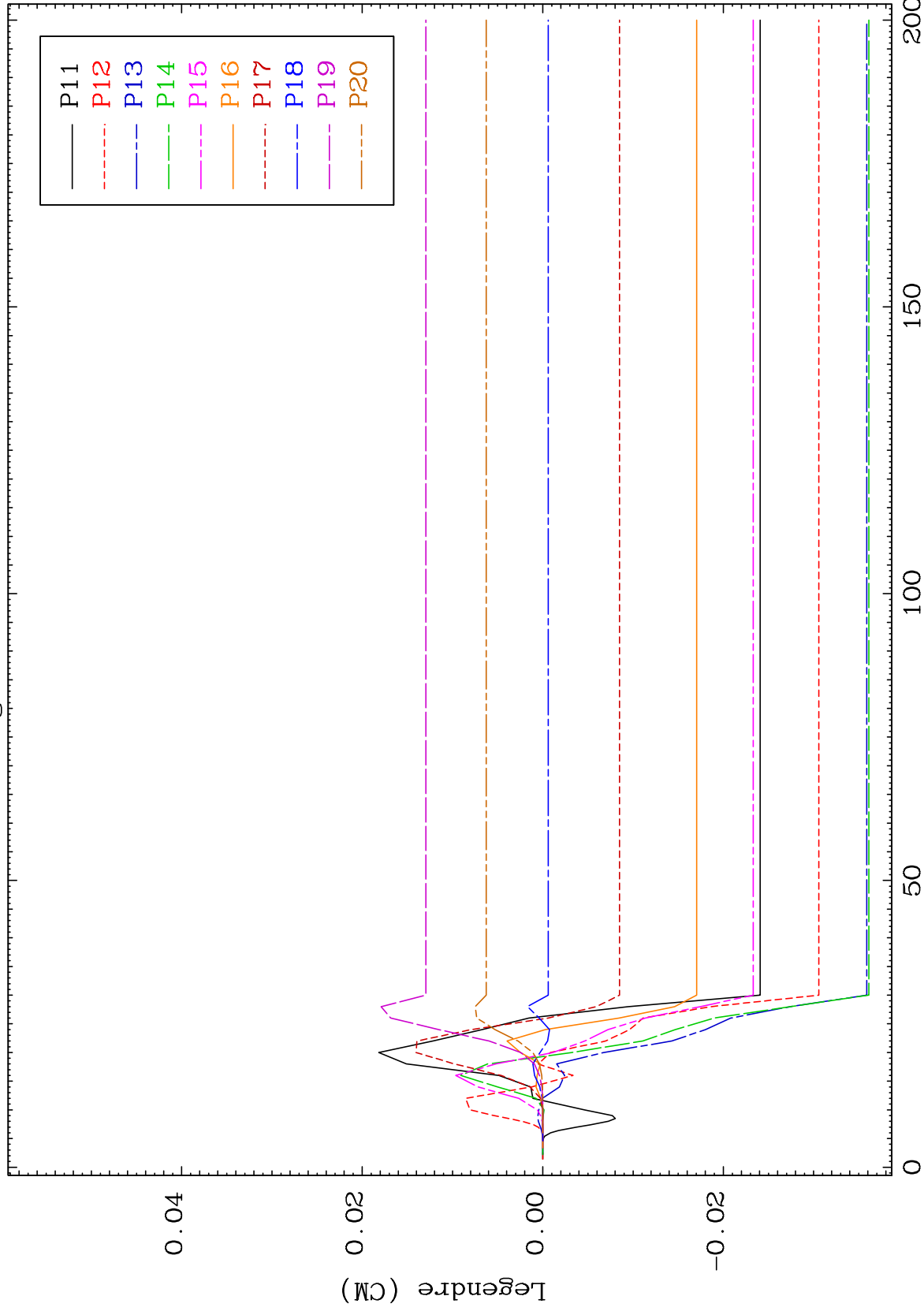
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



52

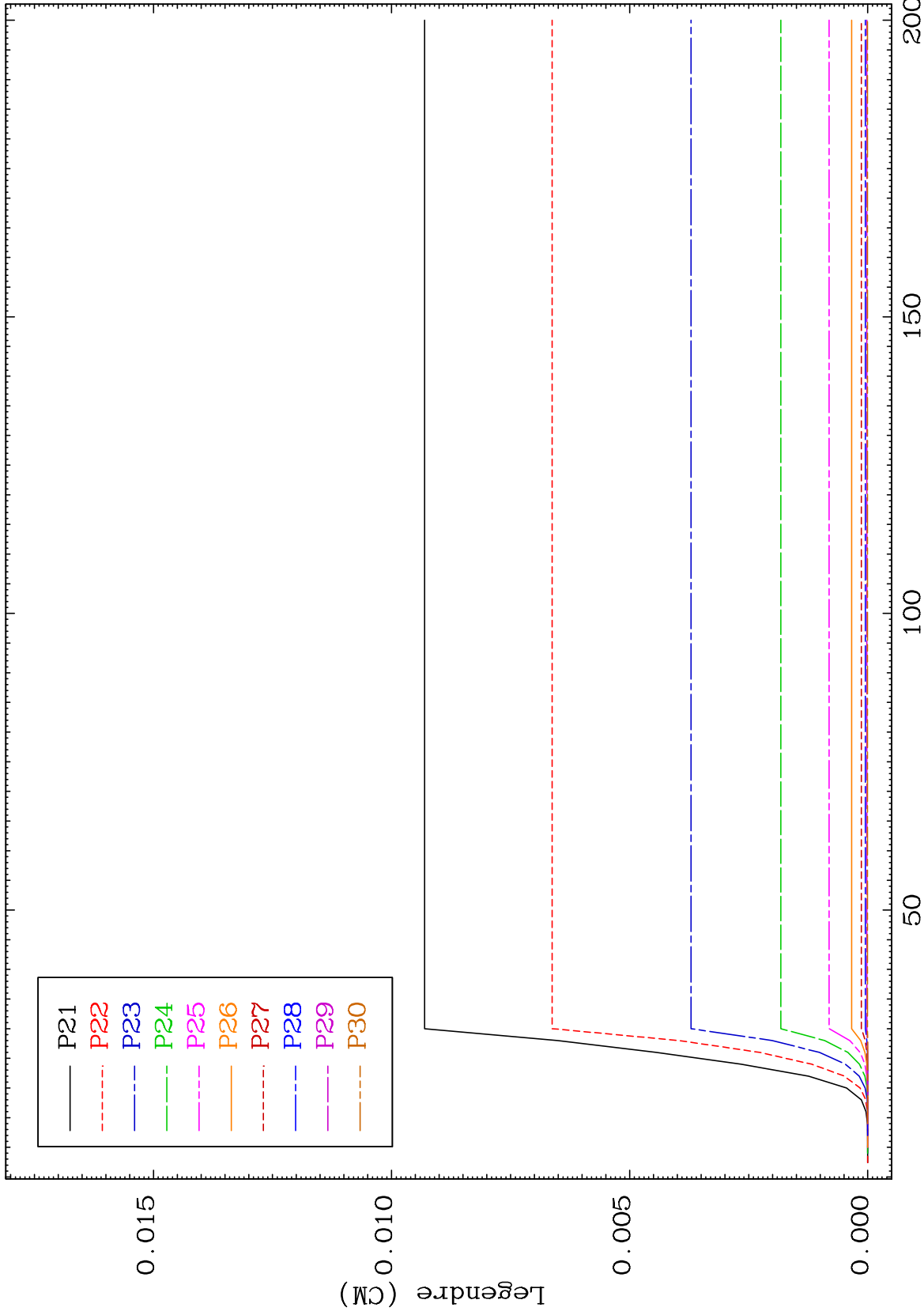
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



53

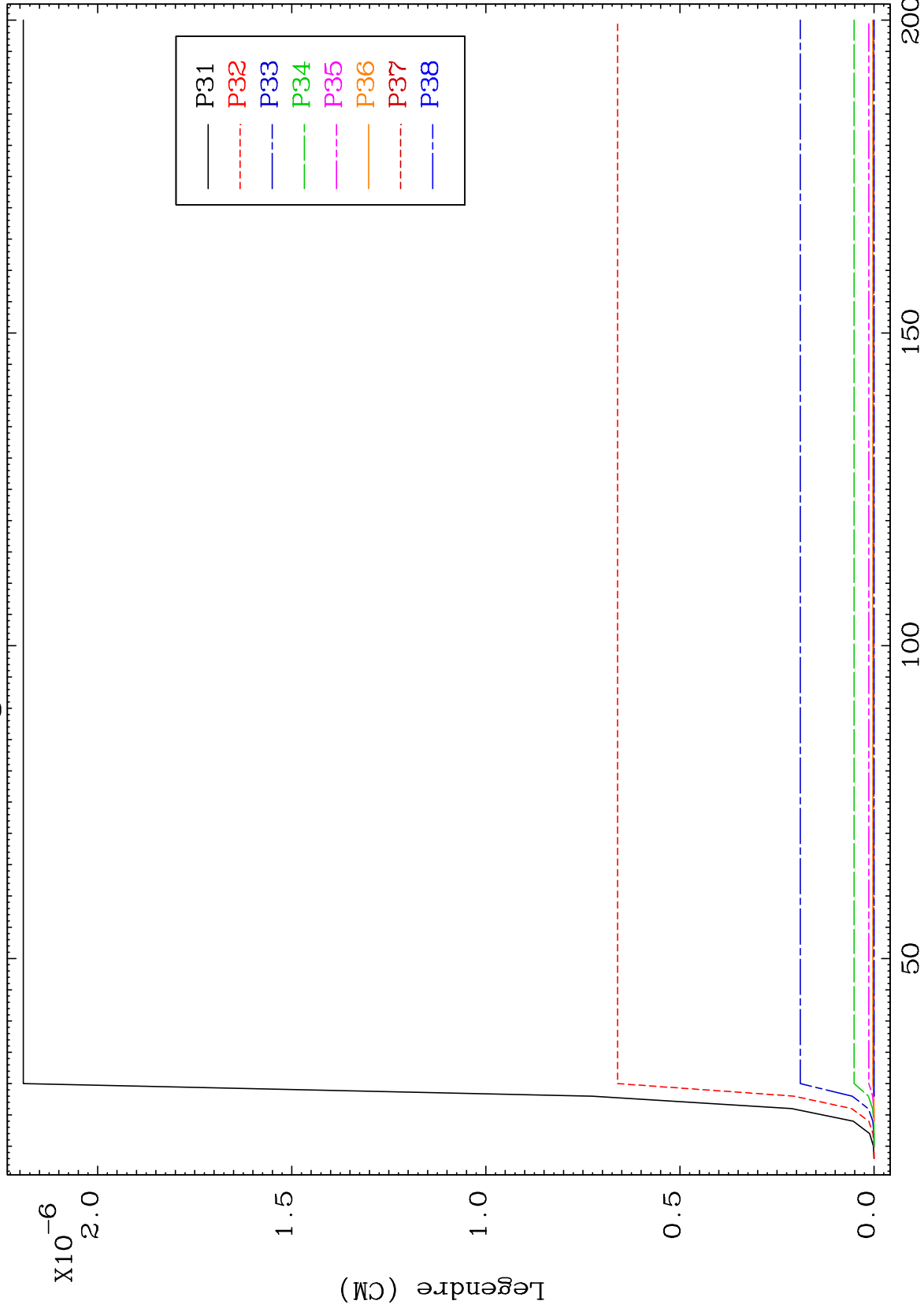
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



54

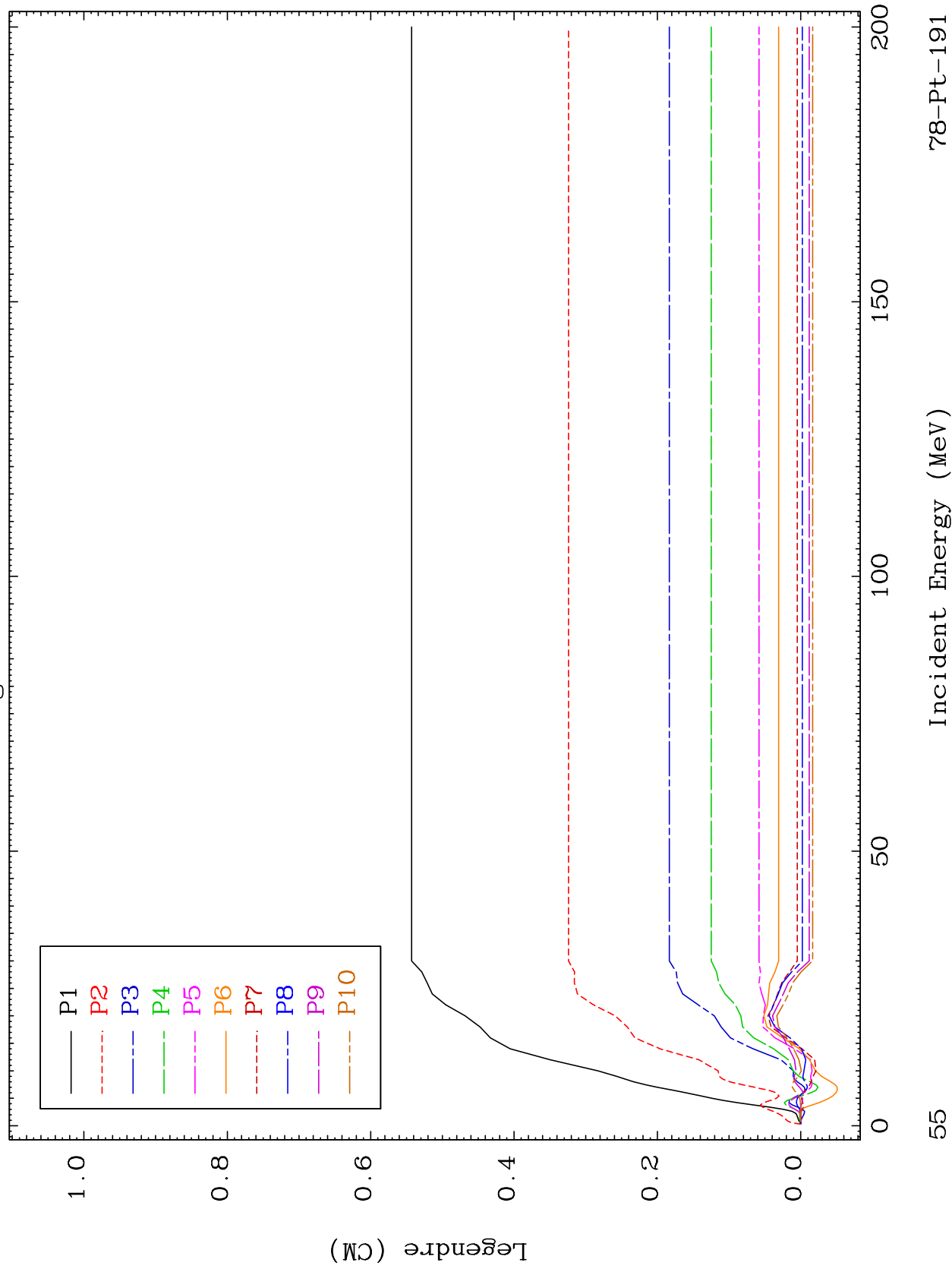
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

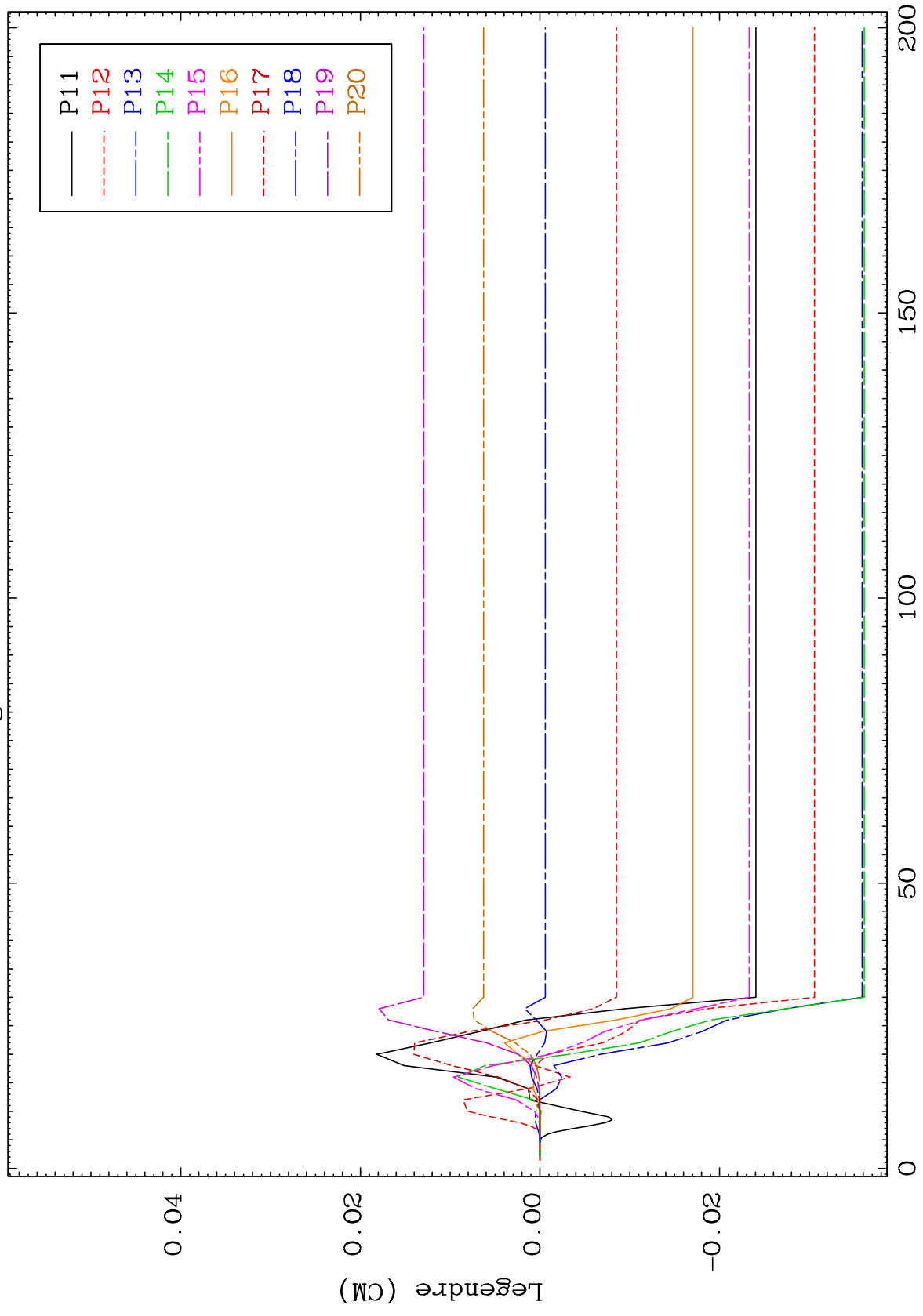
78-Pt-191



MAT 7828

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

78-Pt-191



59

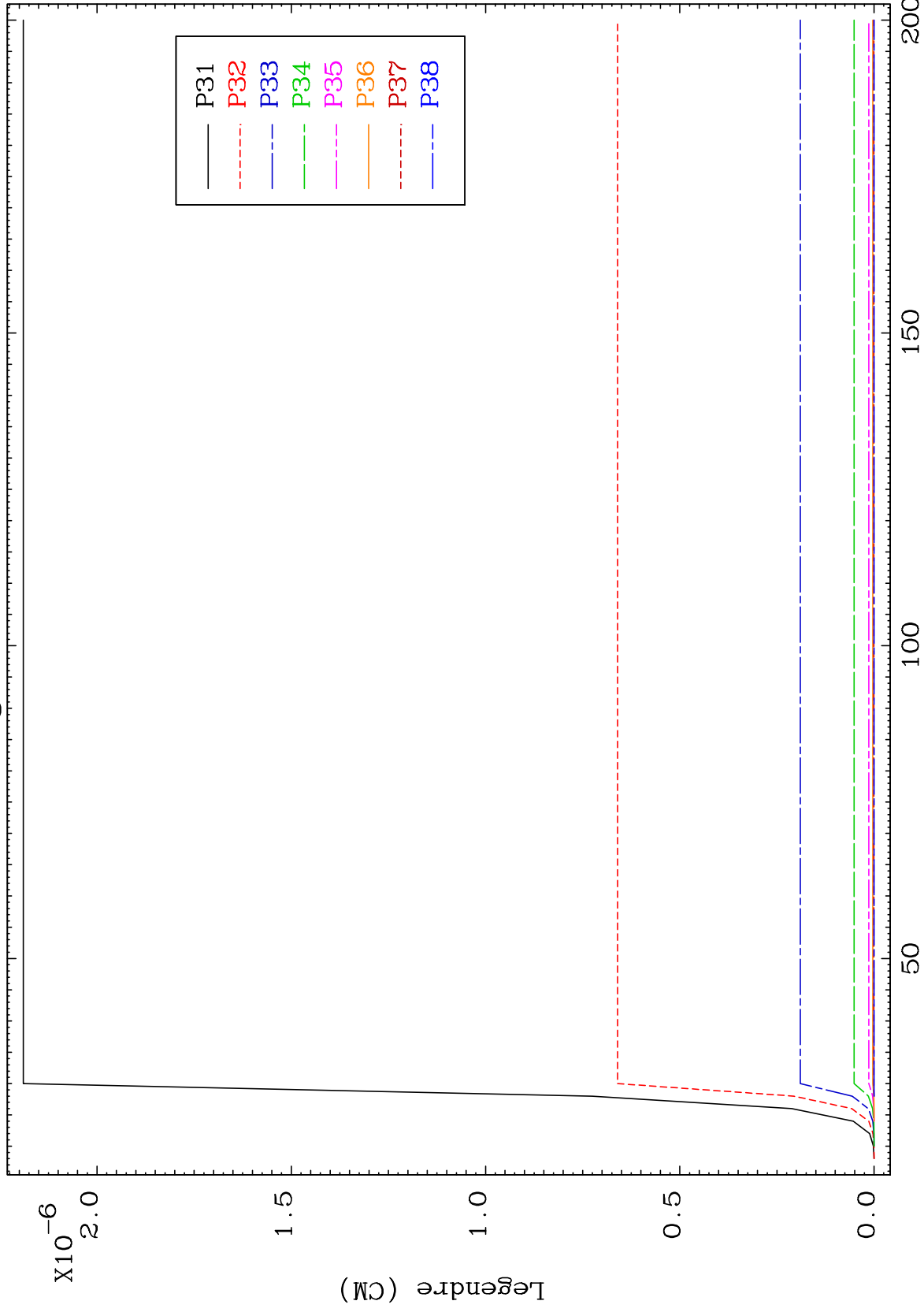
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



58

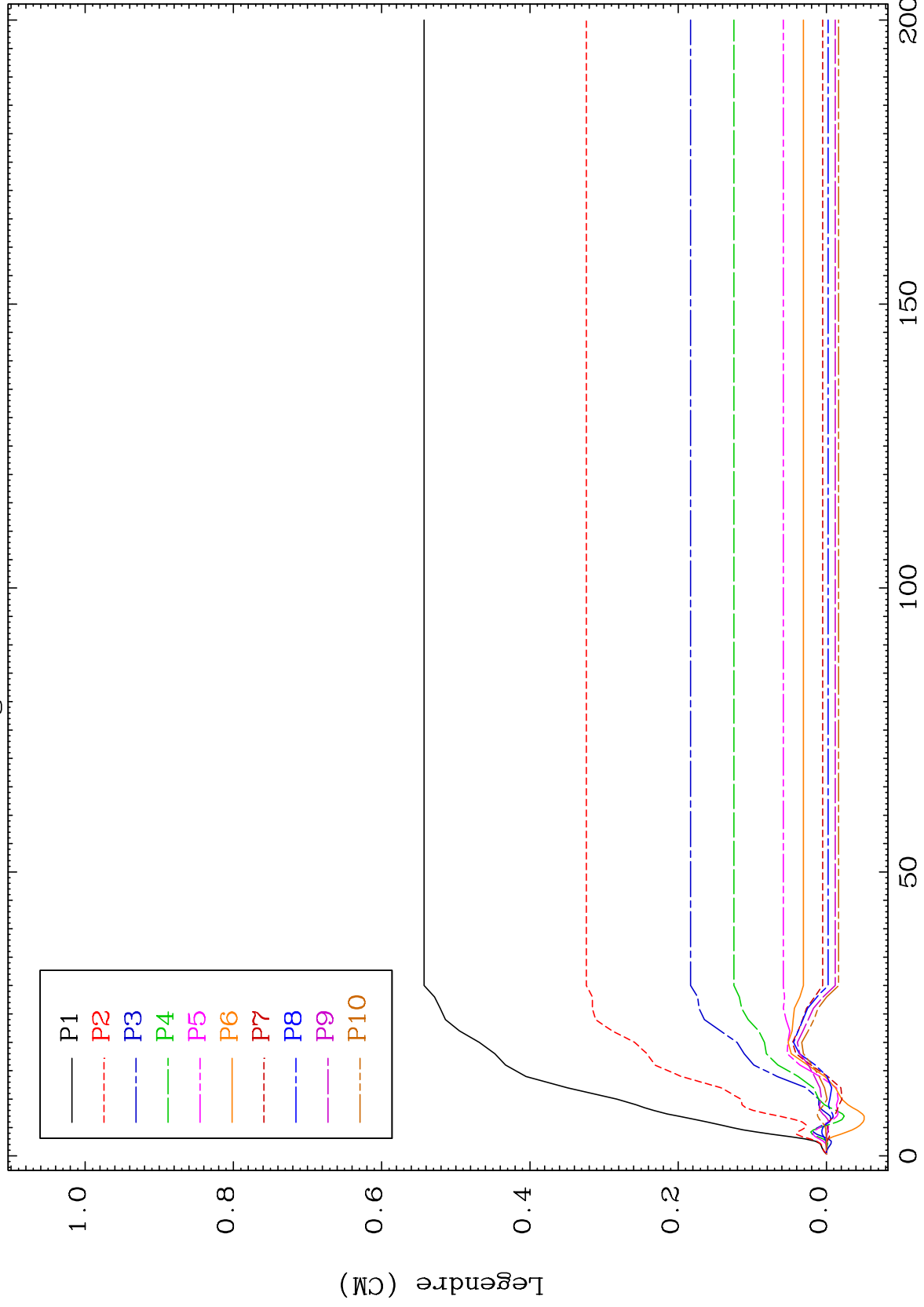
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

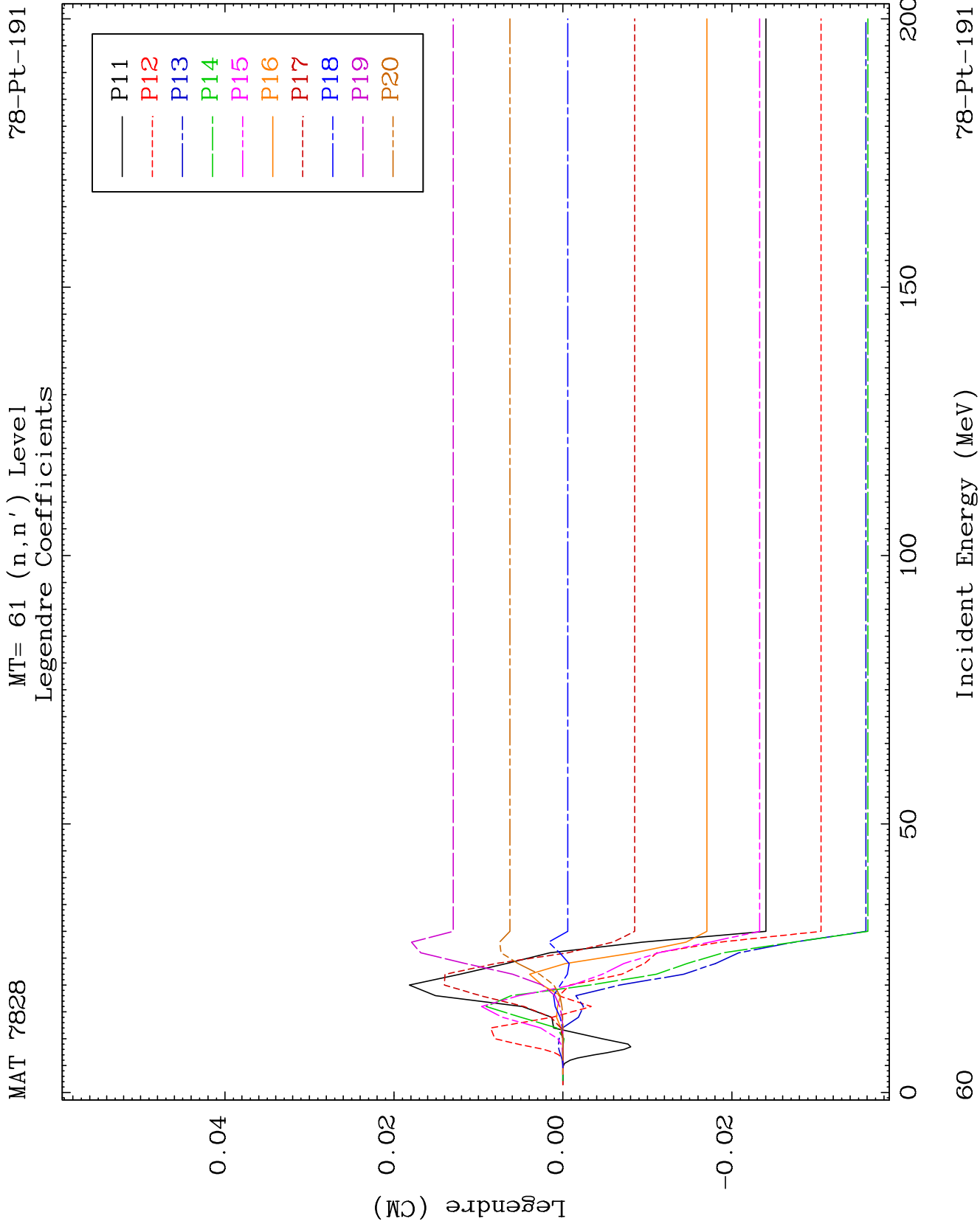
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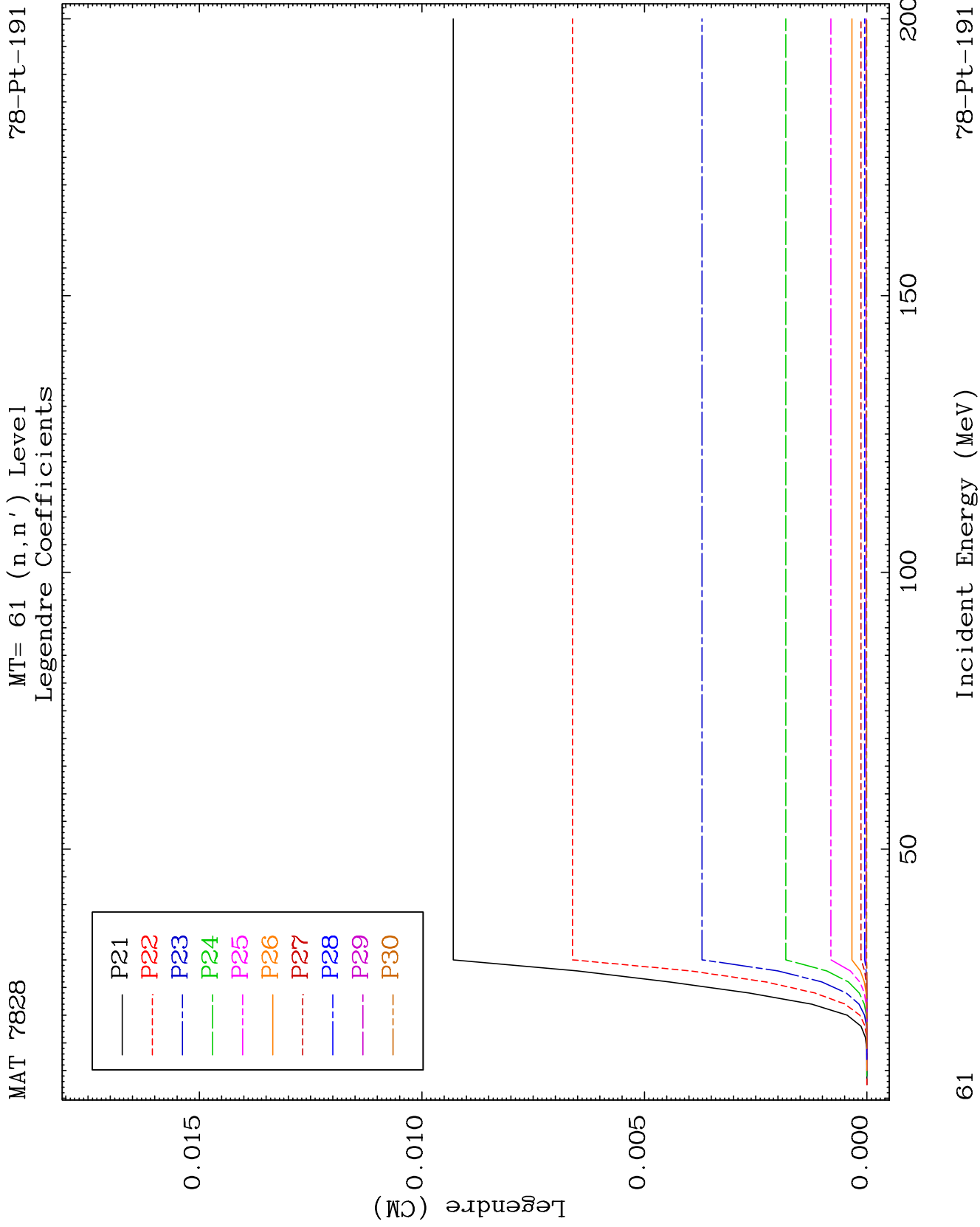


59

Incident Energy (MeV)

78-Pt-191

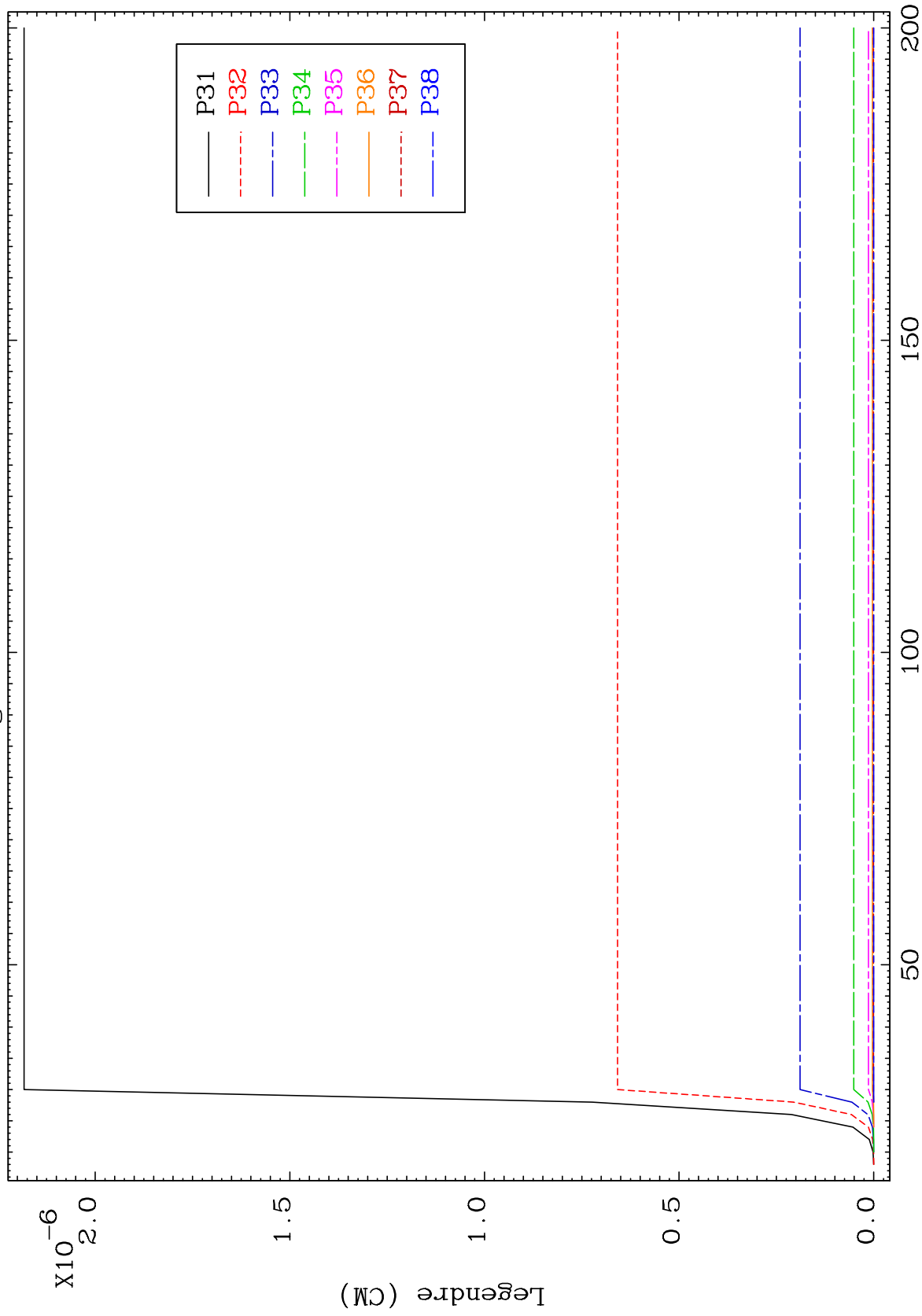


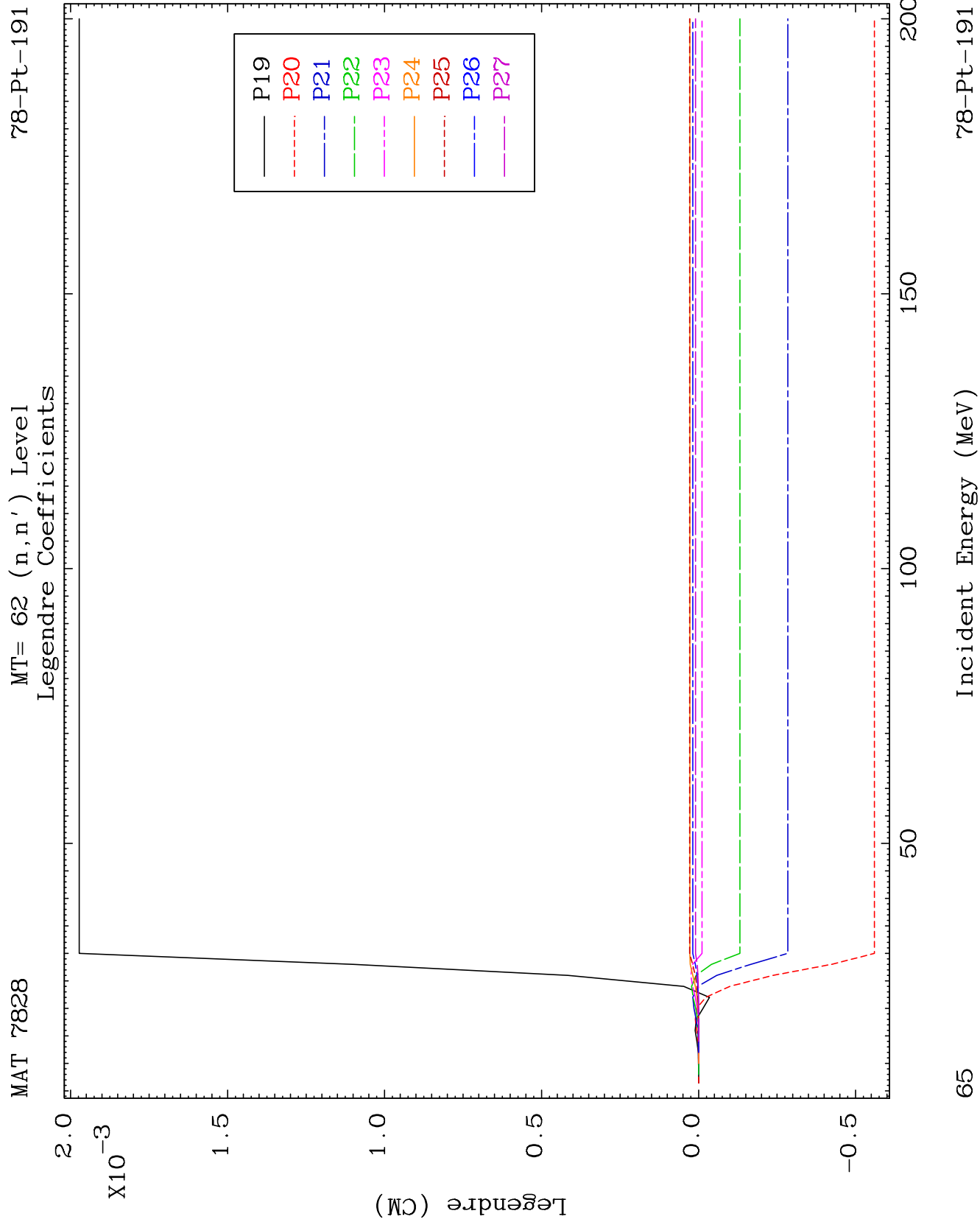


MAT 7828

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

78-Pt-191

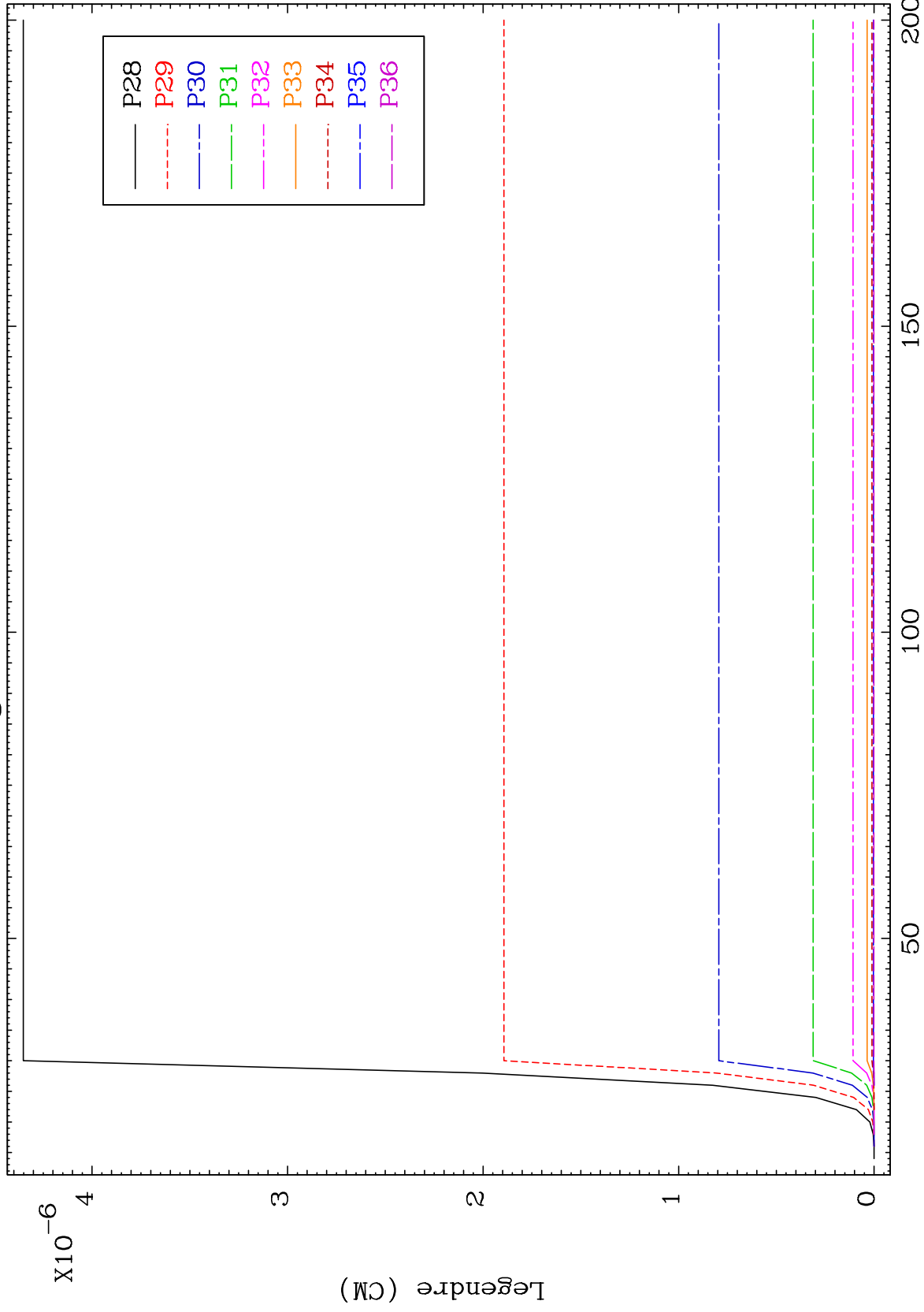




MAT 7828

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

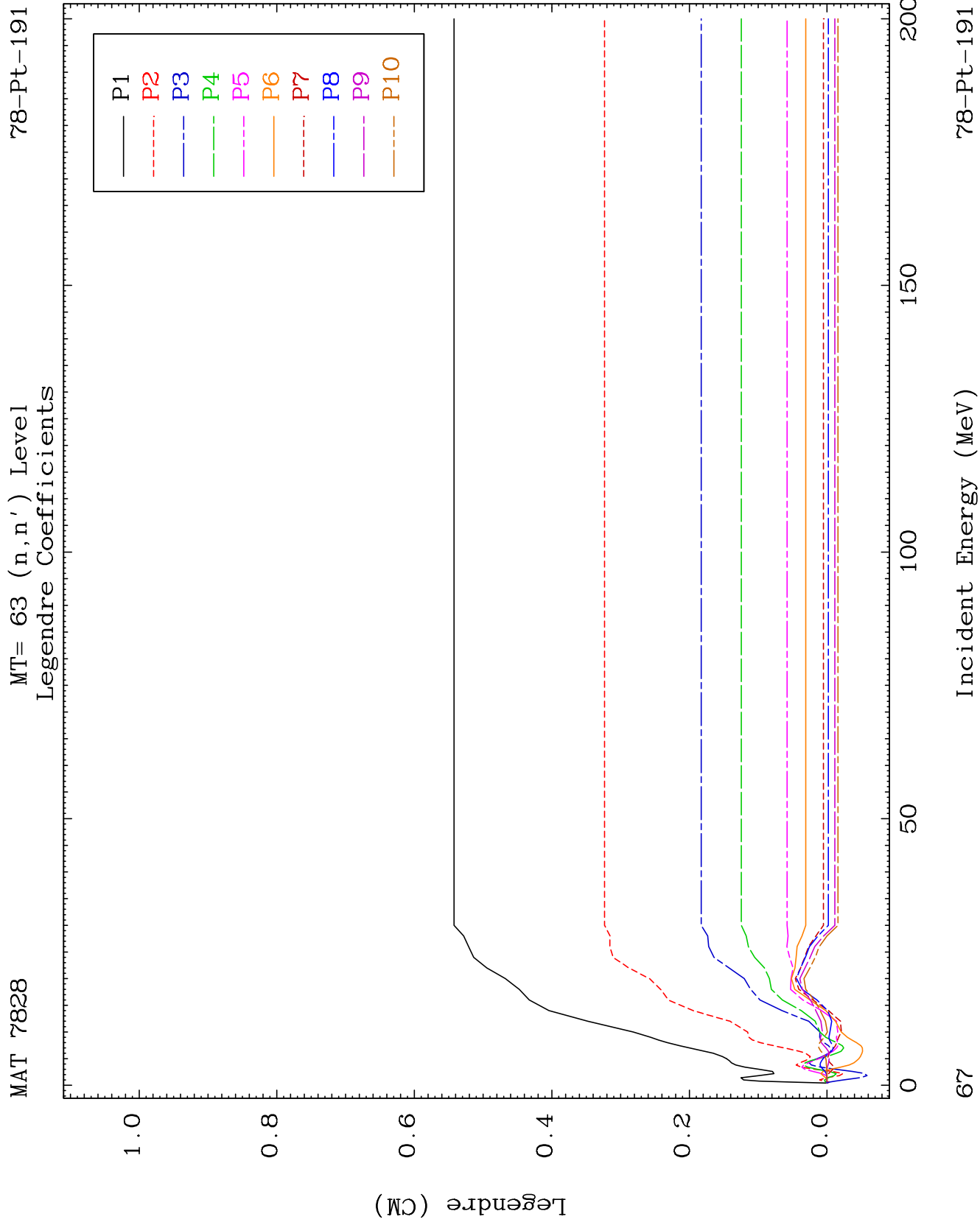
78-Pt-191



66

Incident Energy (MeV)

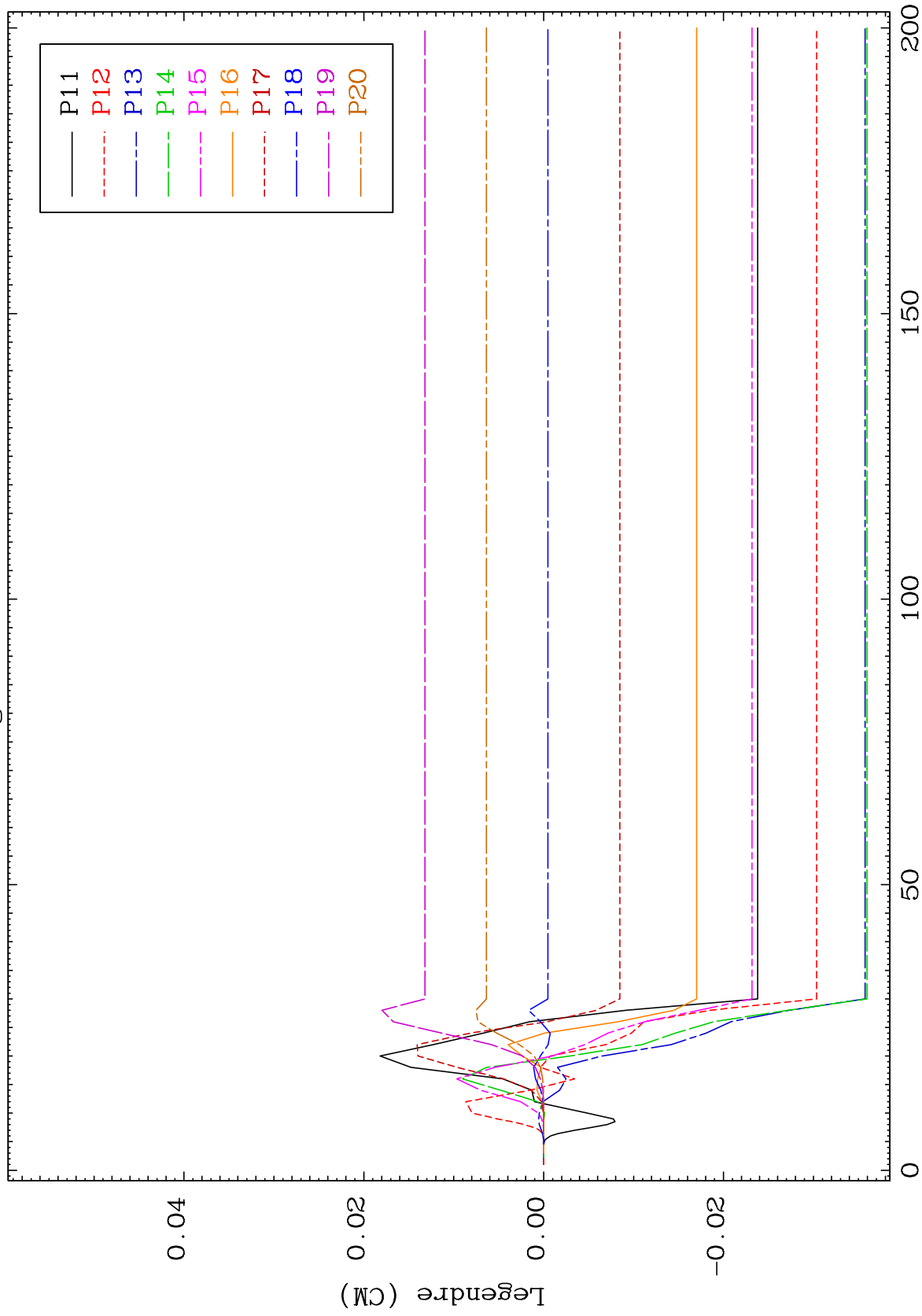
78-Pt-191



MAT 7828

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

78-Pt-191



68

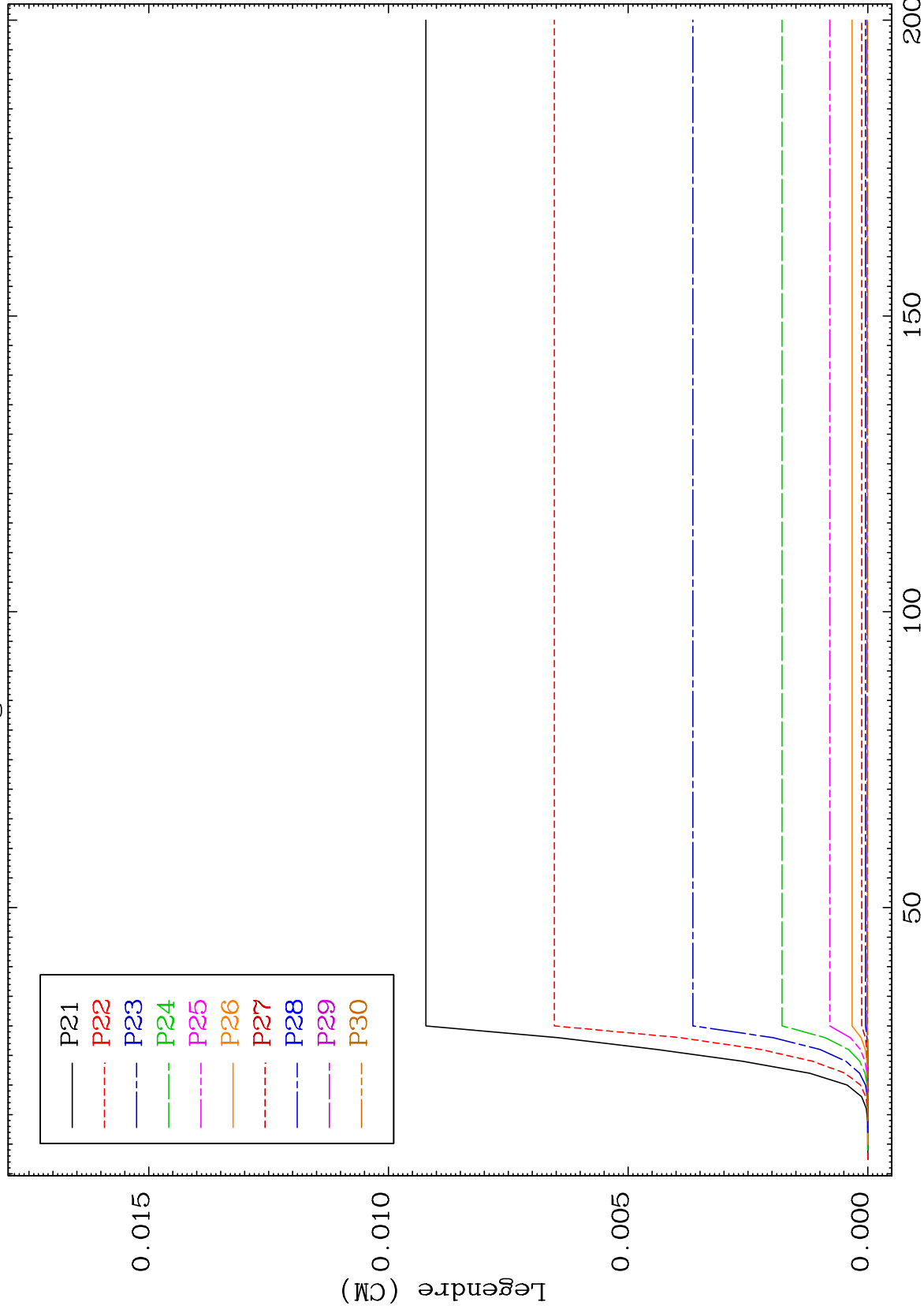
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



69

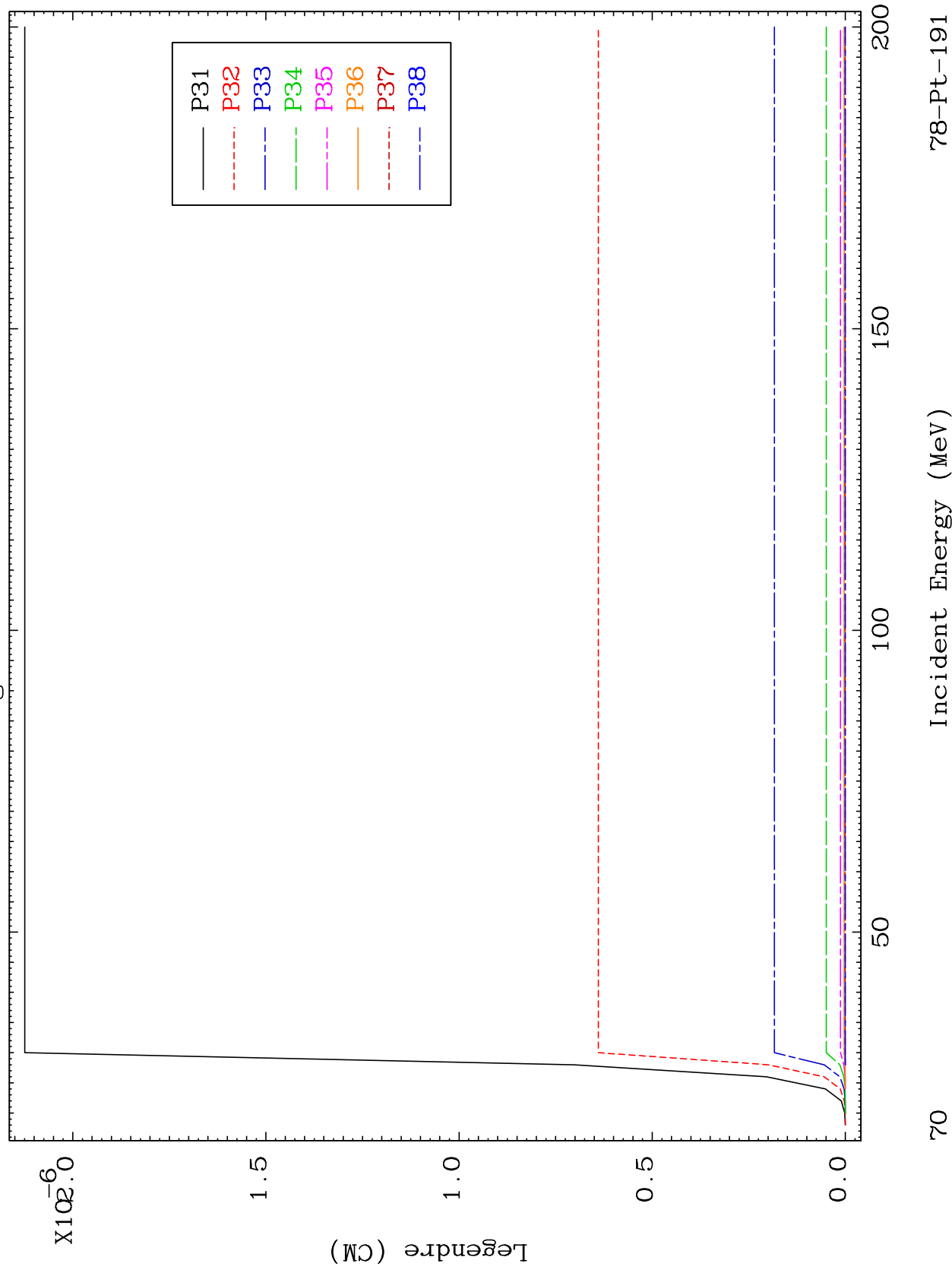
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

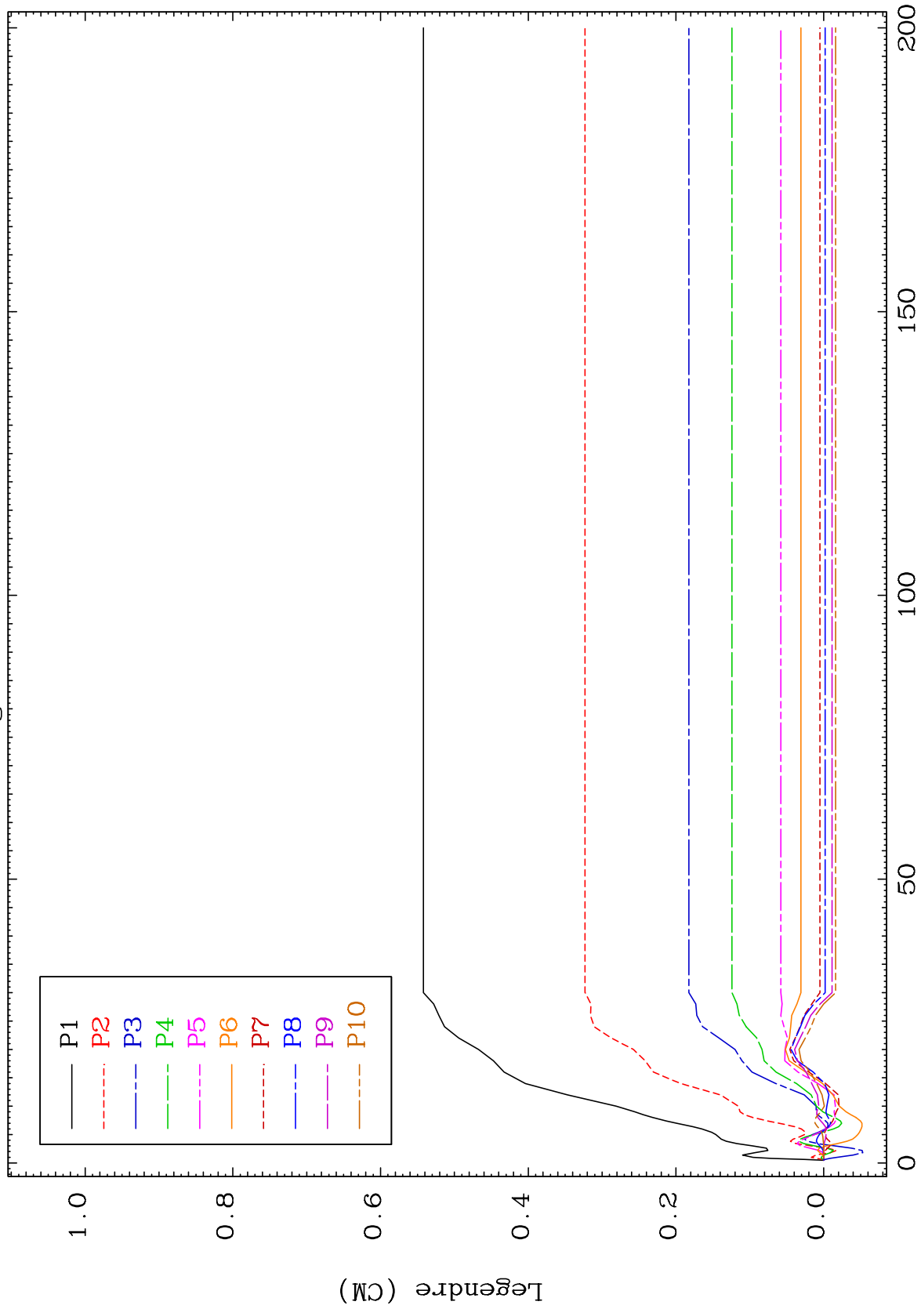
78-Pt-191



MAT 7828

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

78-Pt-191



12

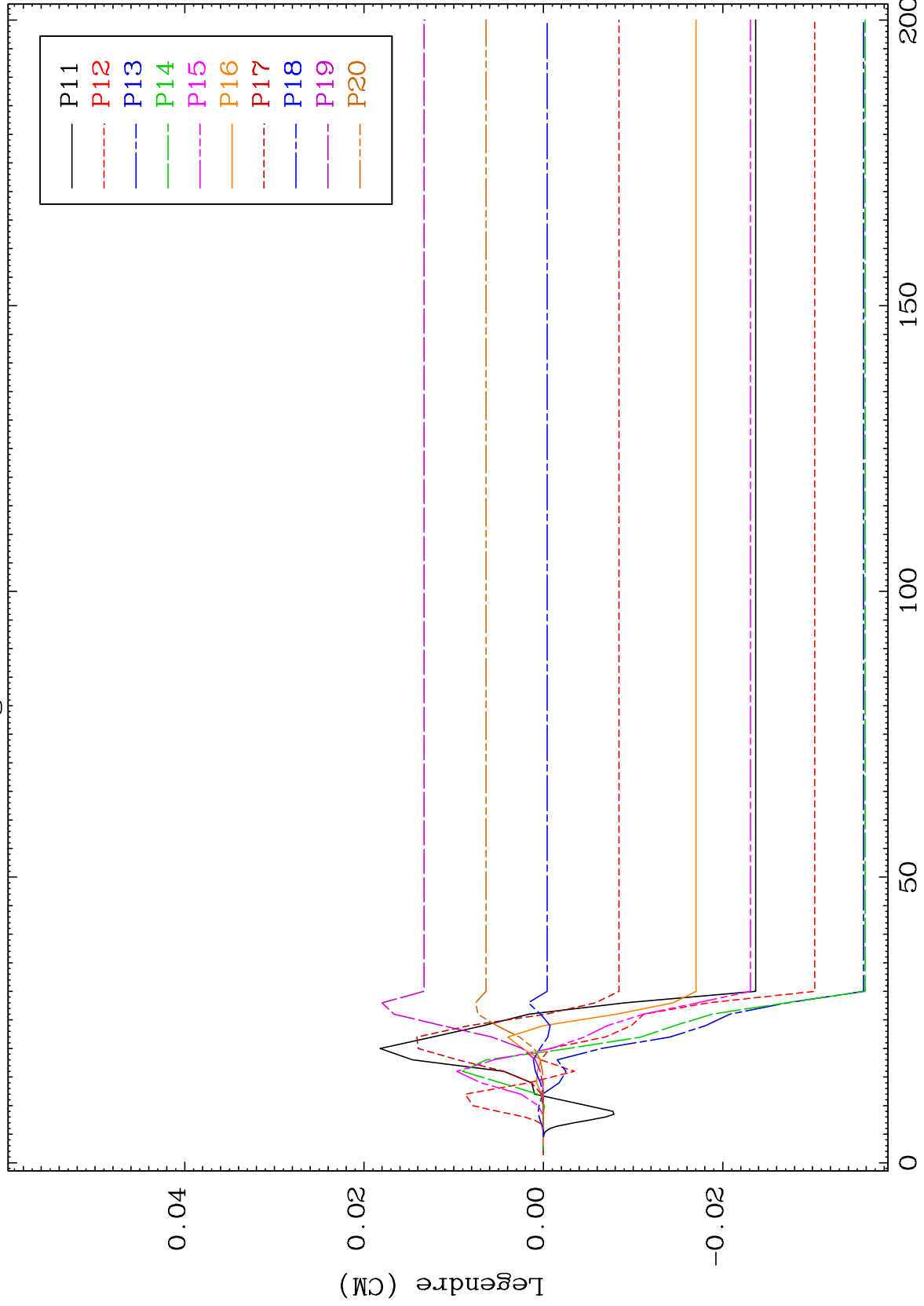
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

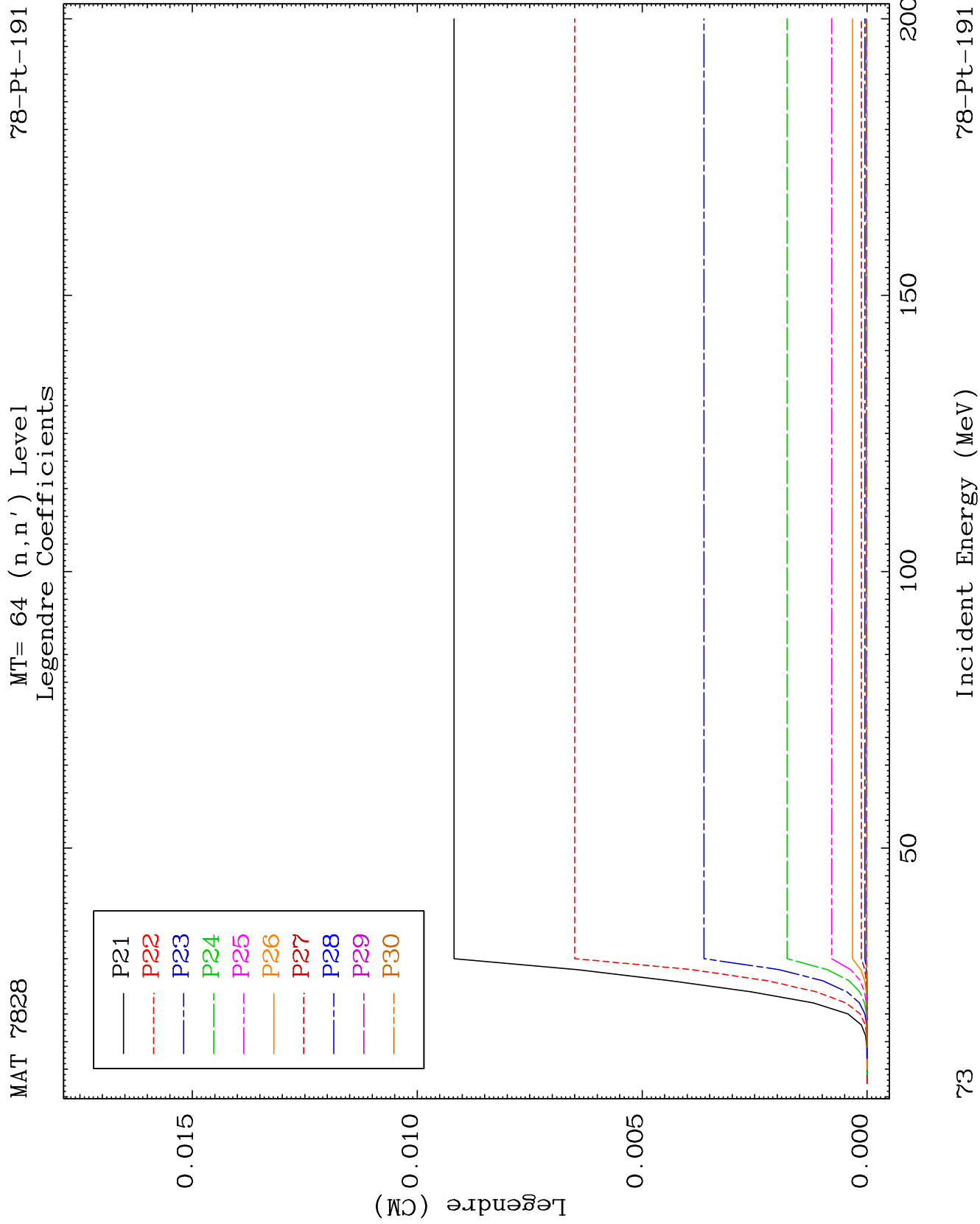
78-Pt-191

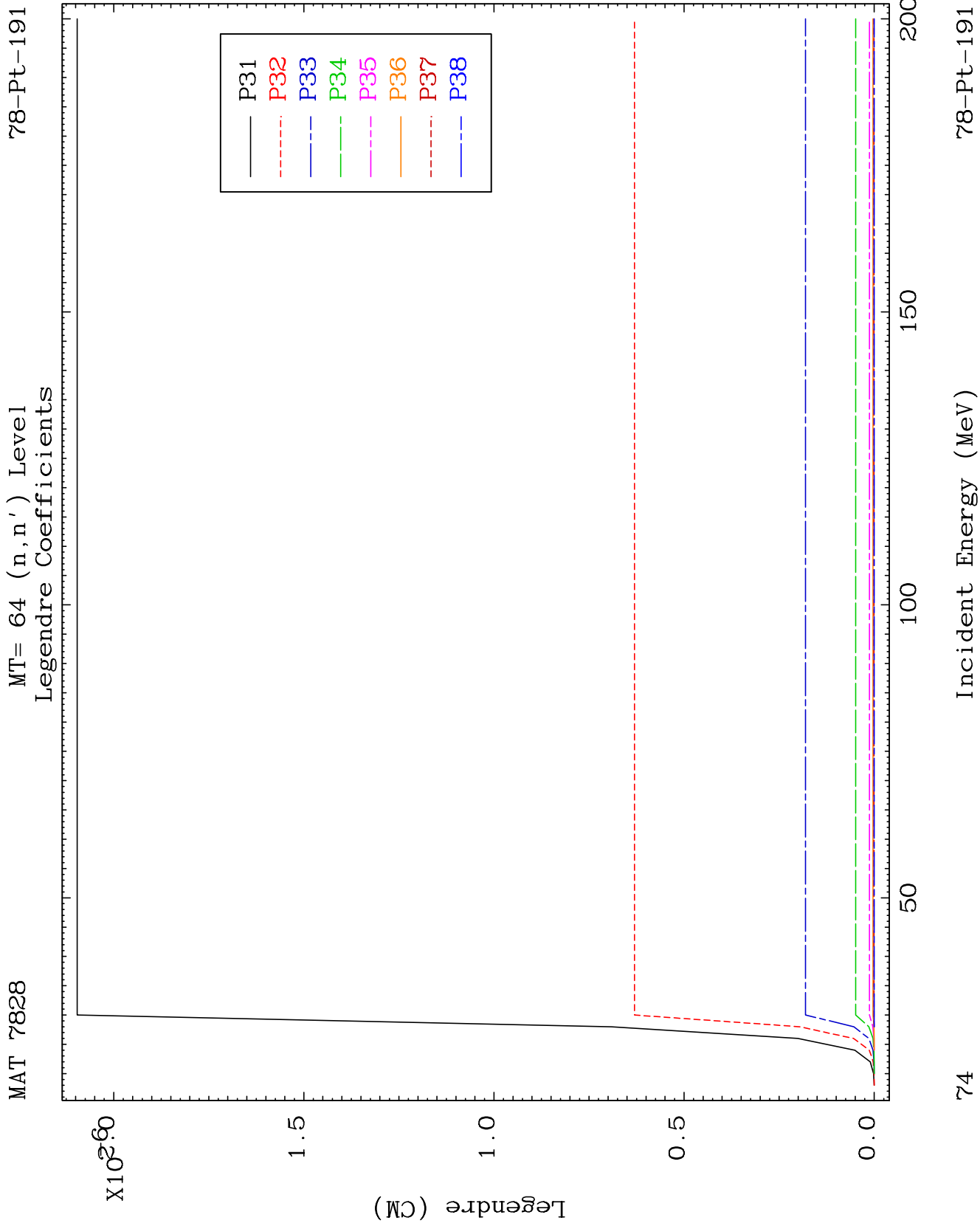


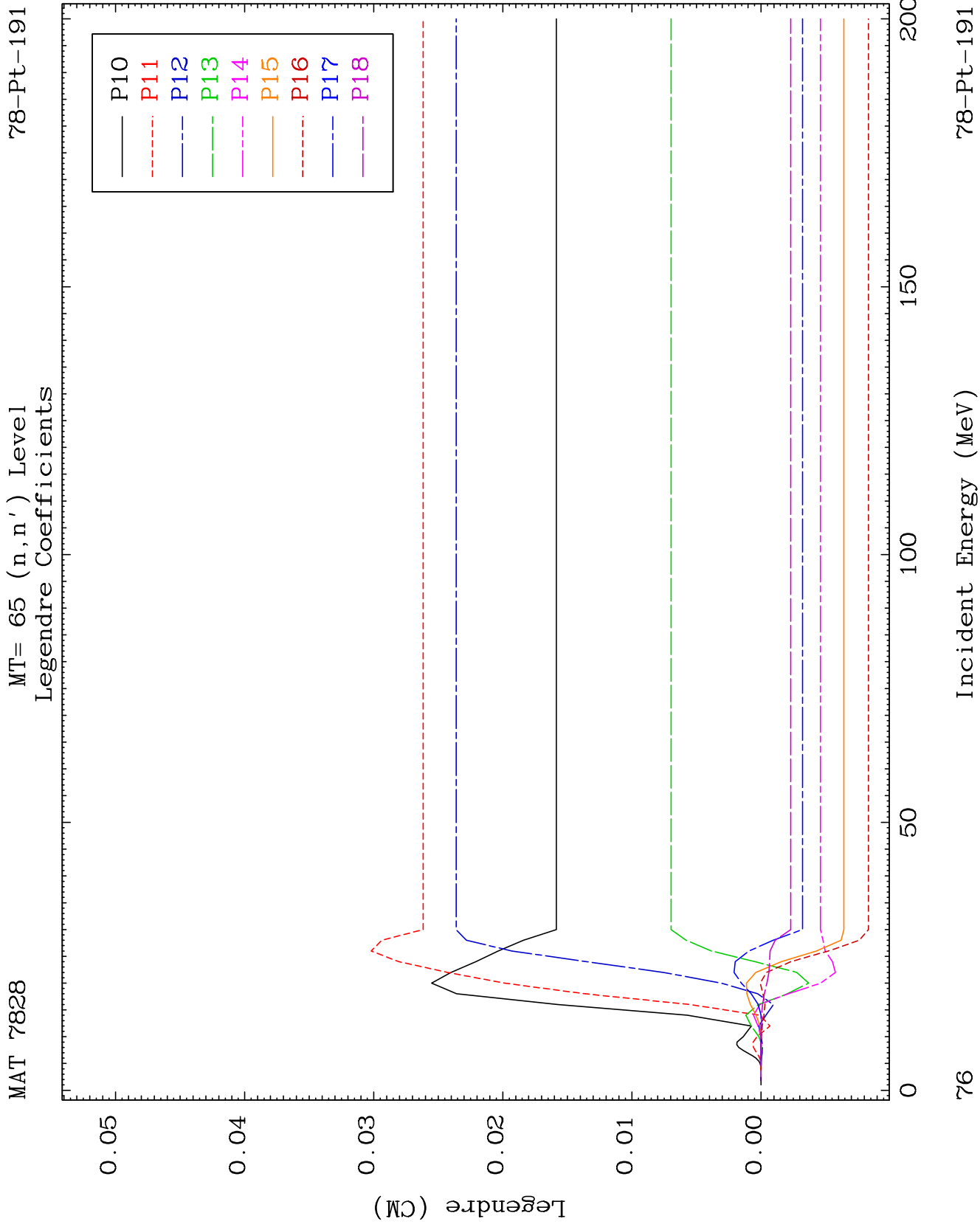
72

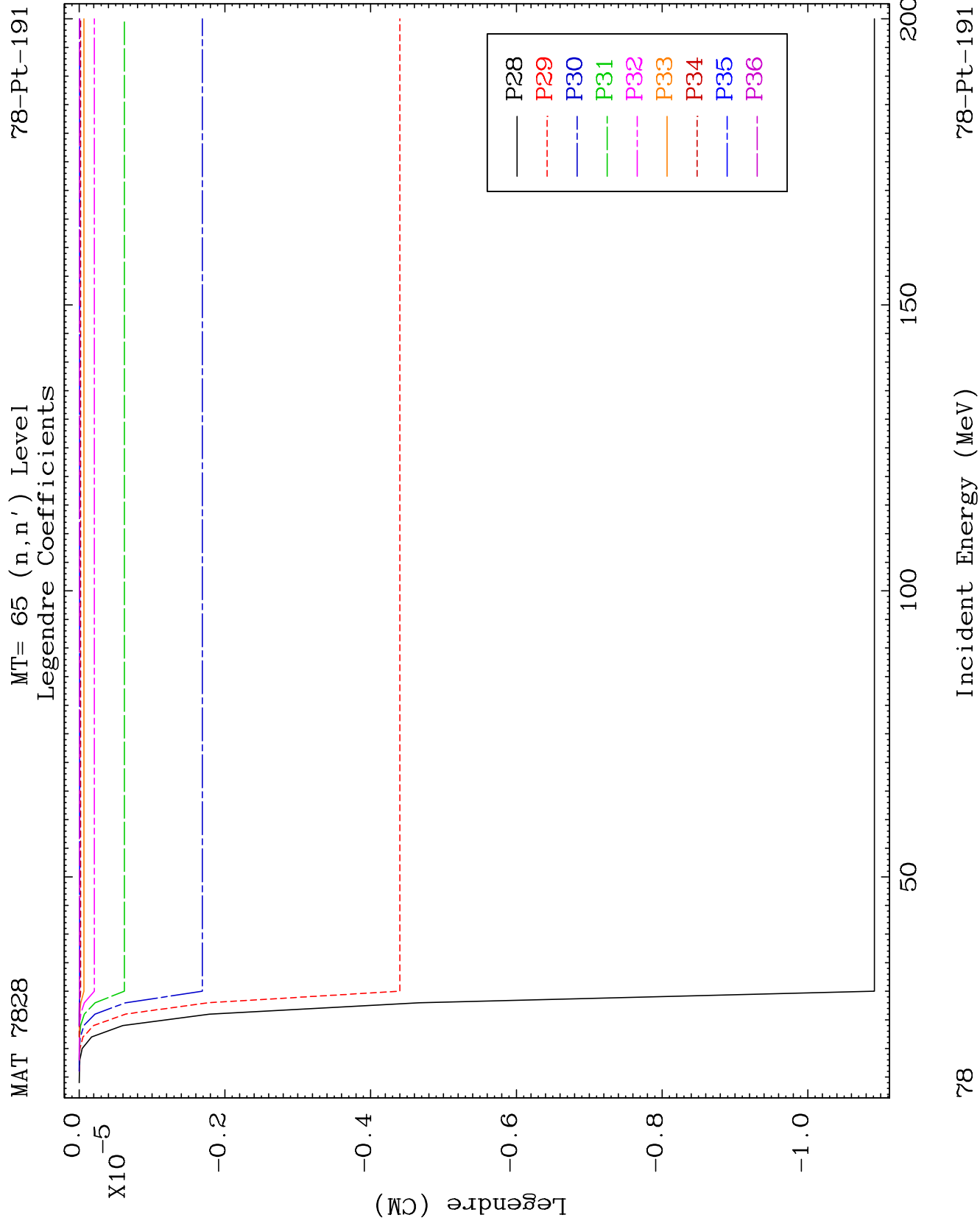
Incident Energy (MeV)

78-Pt-191





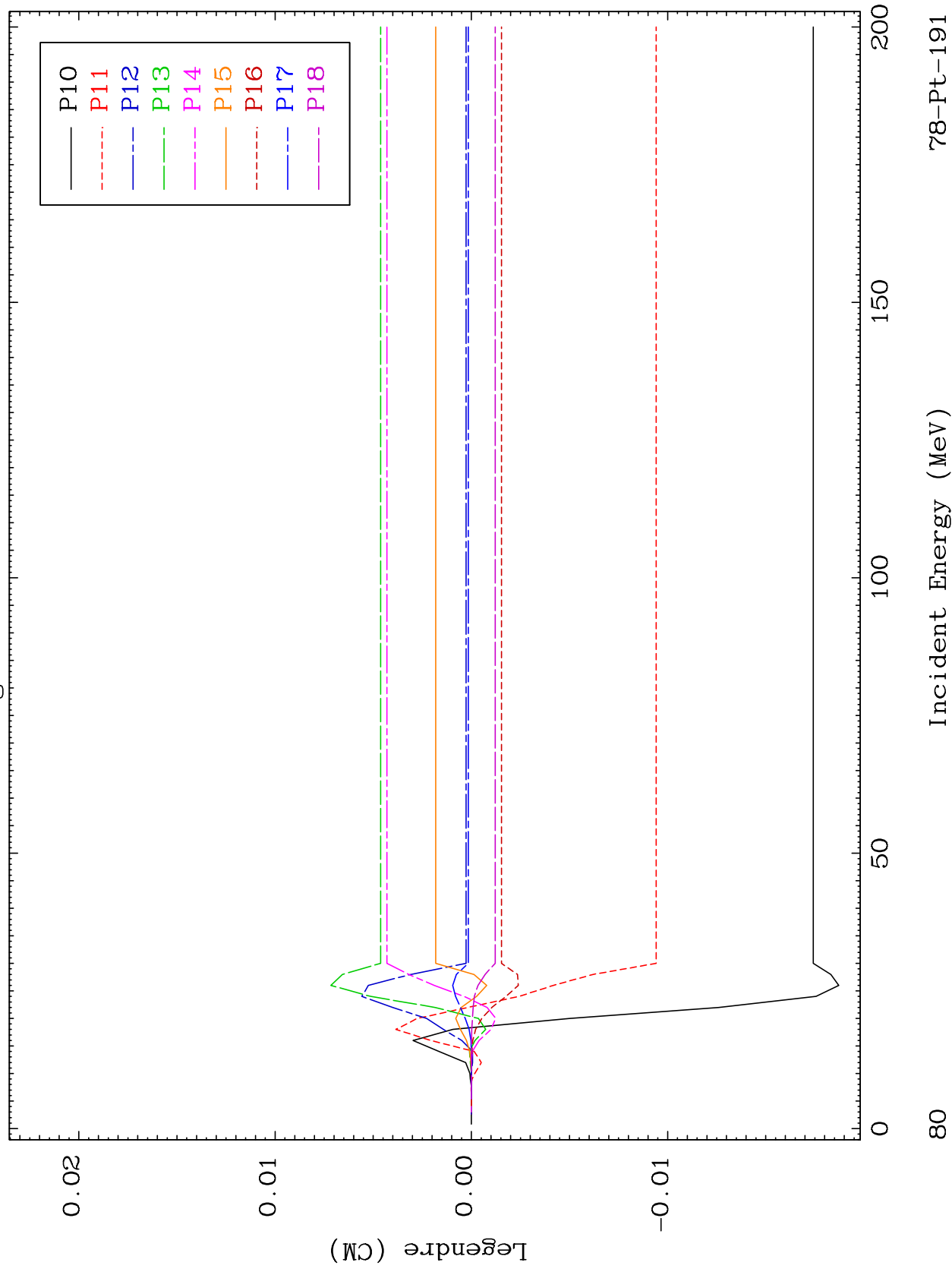




MAT 7828

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

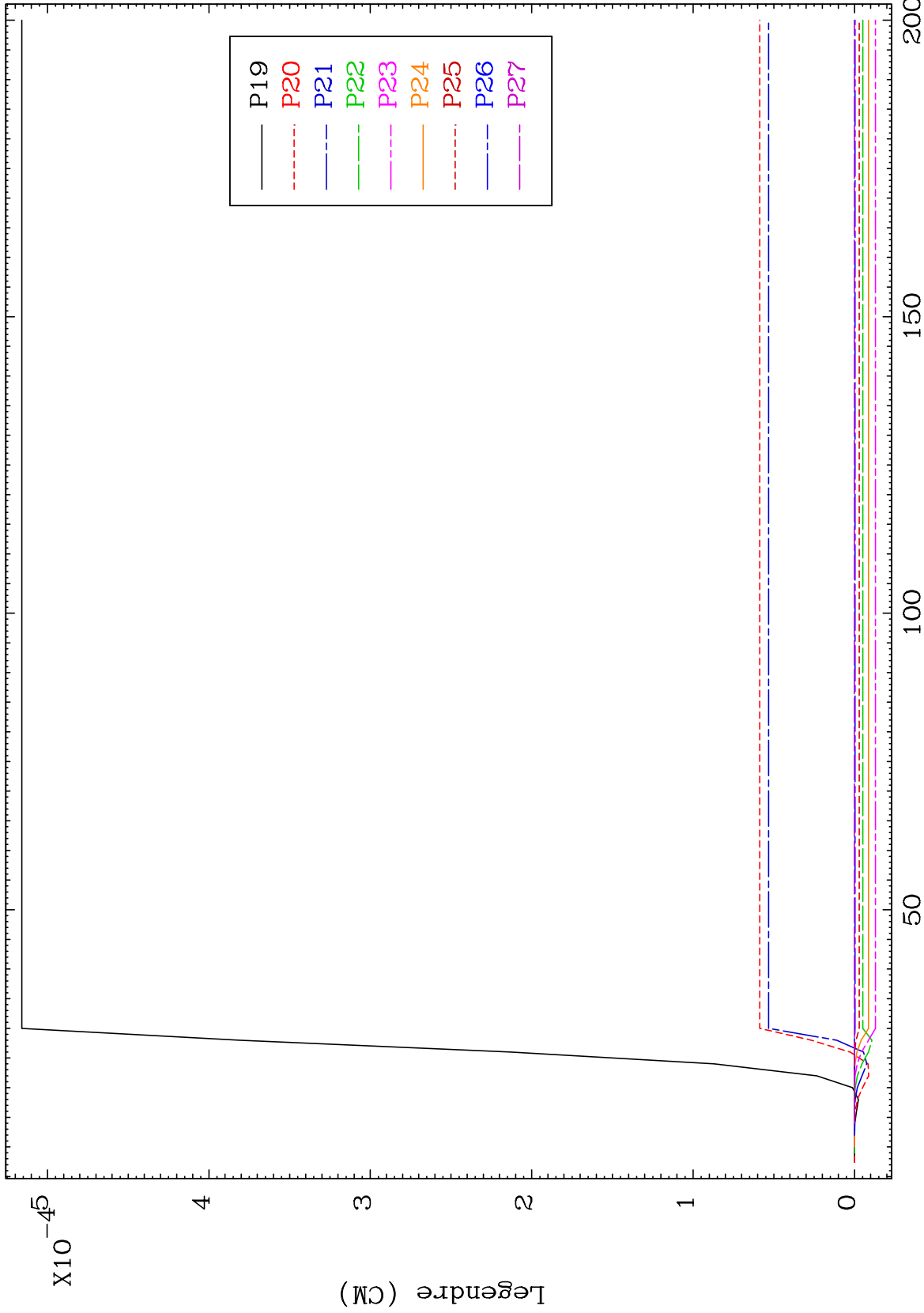
78-Pt-191



MAT 7828

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

78-Pt-191



81

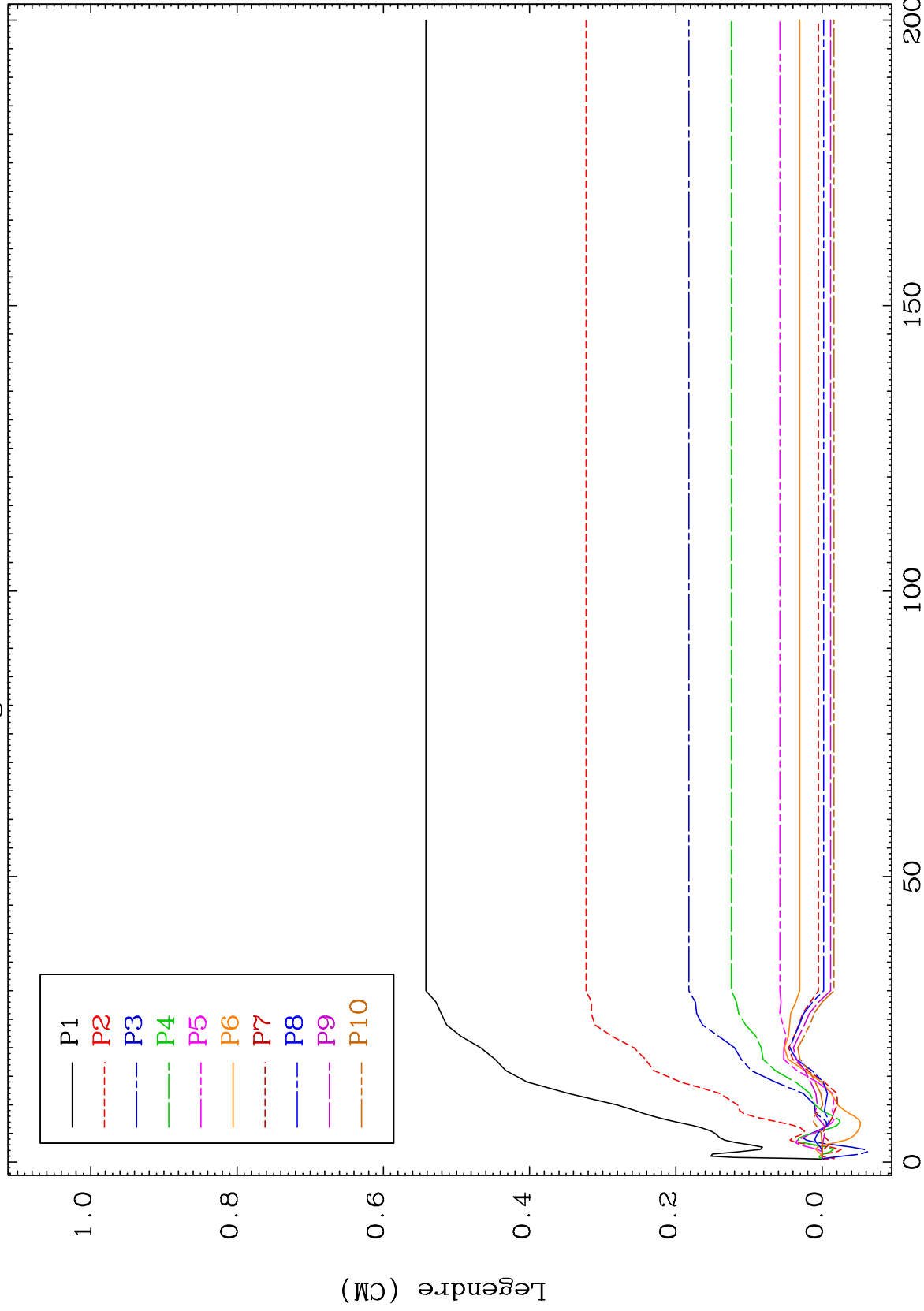
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



83

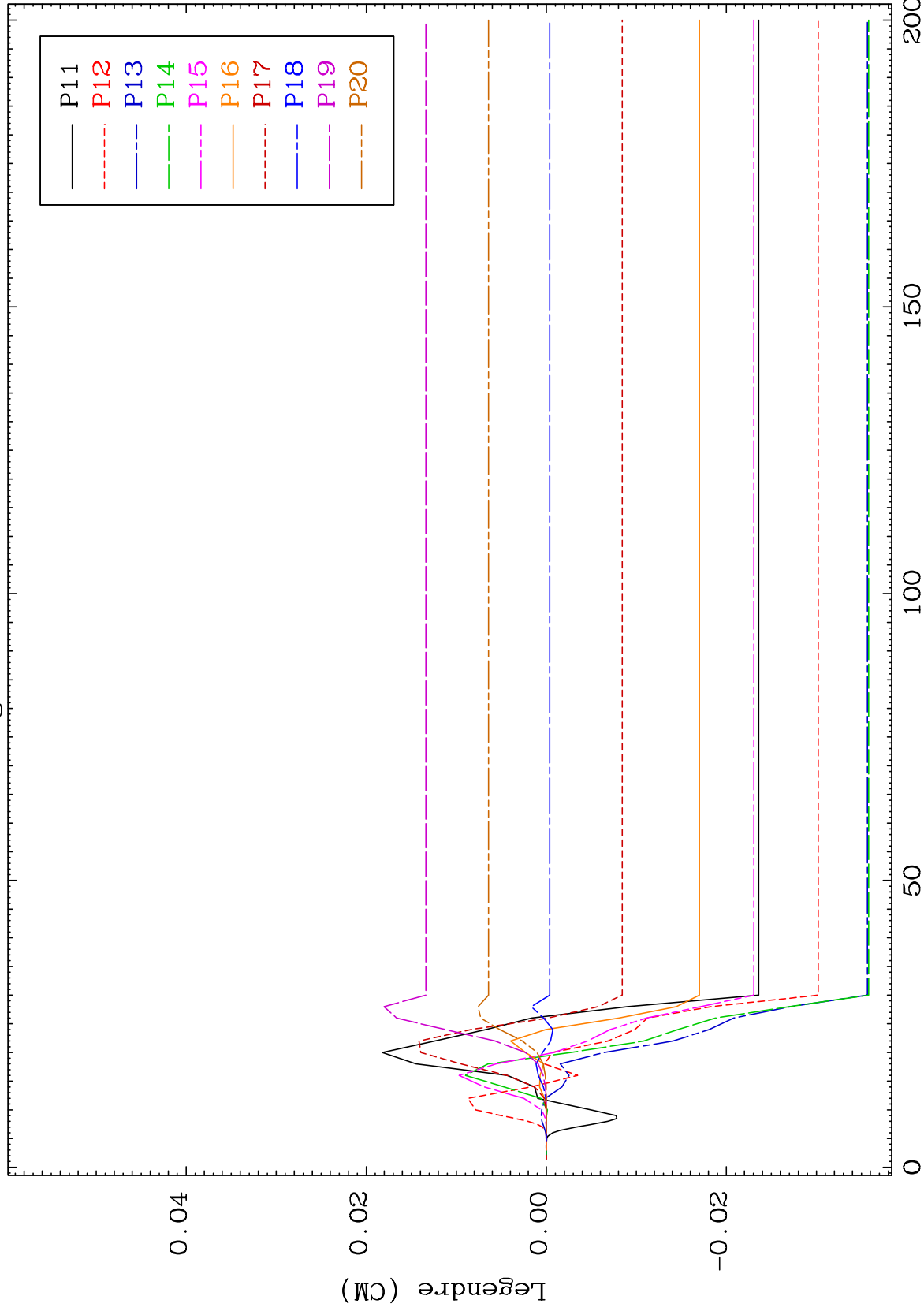
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

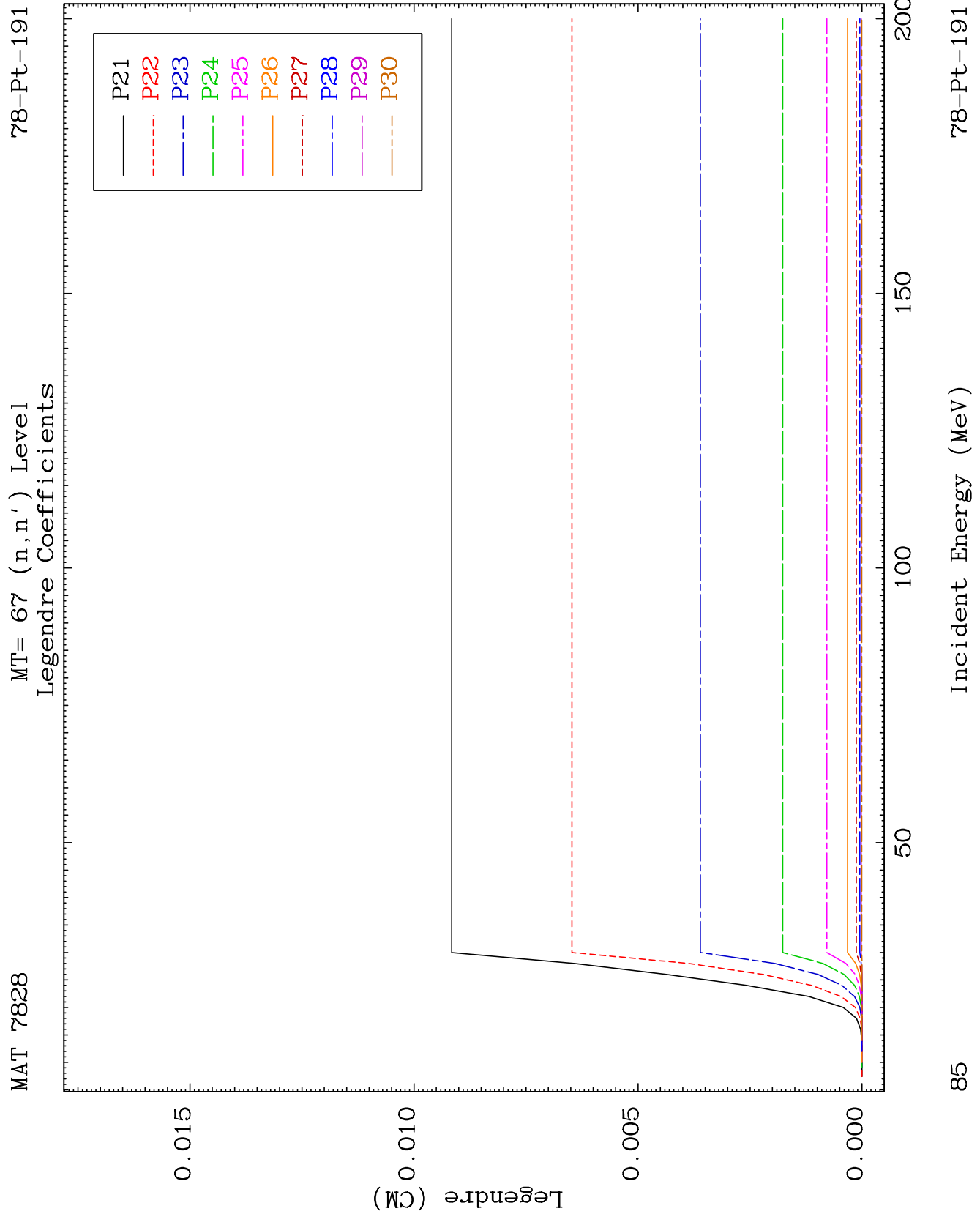
78-Pt-191

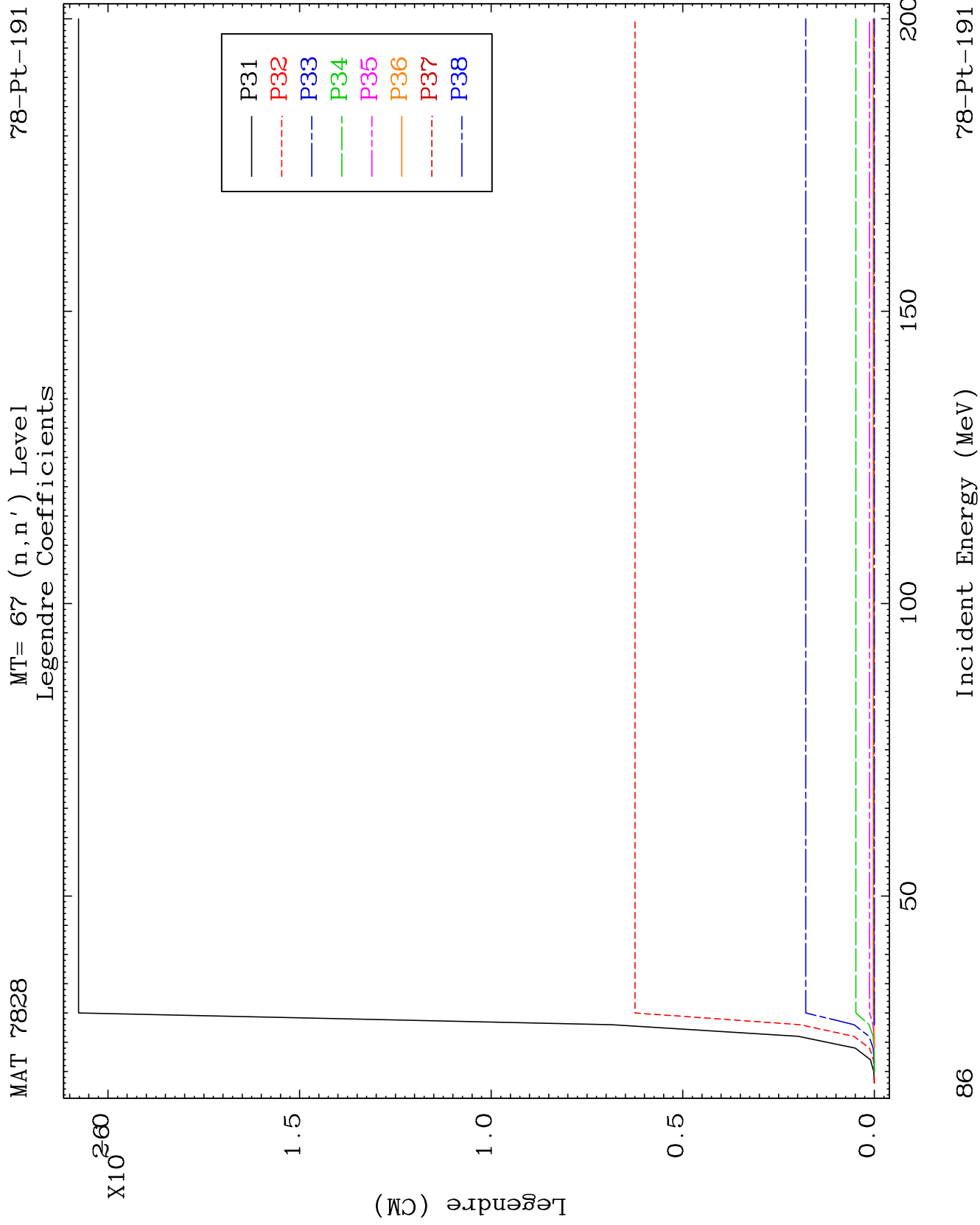


84

Incident Energy (MeV)

78-Pt-191

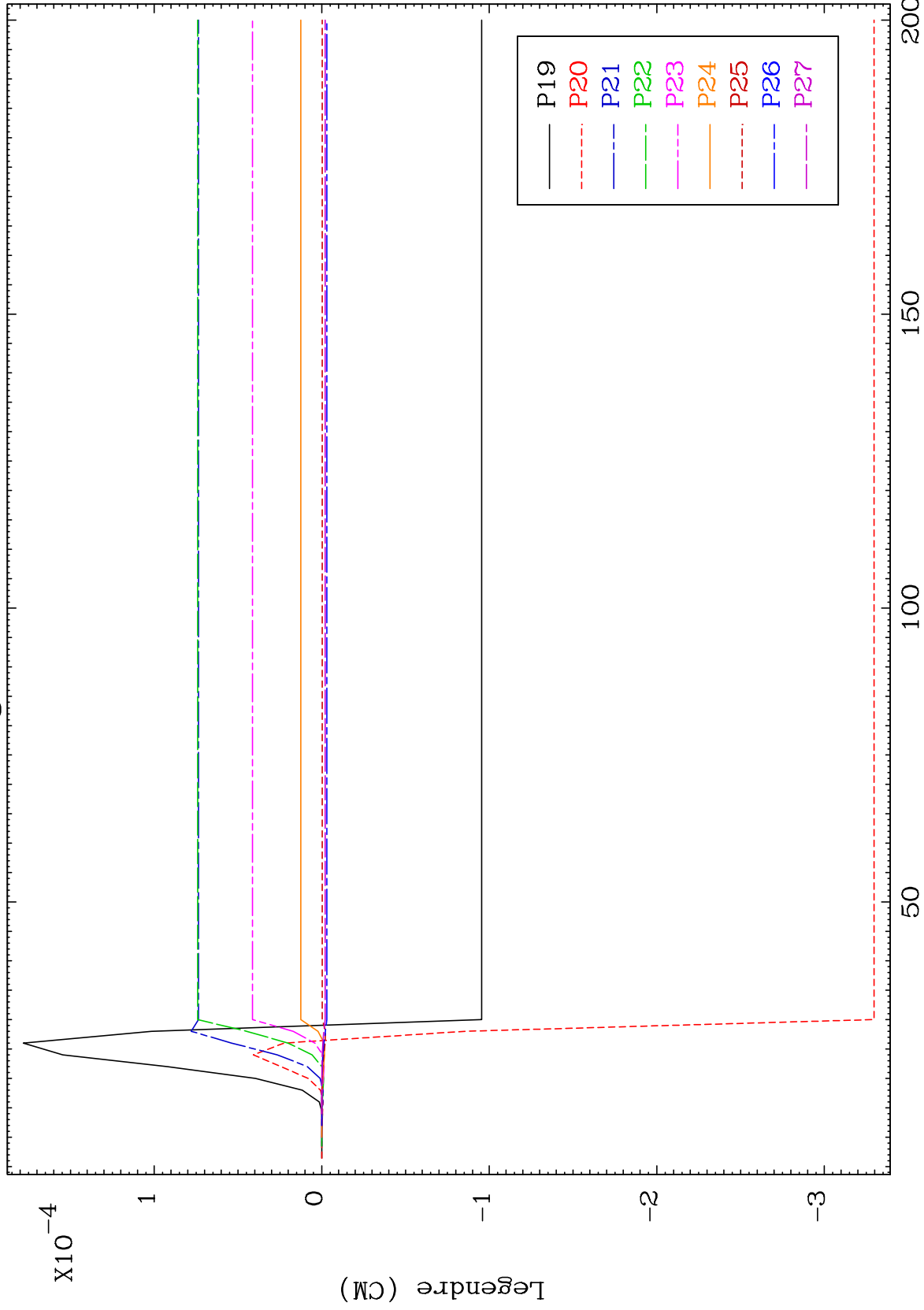




MAT 7828

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

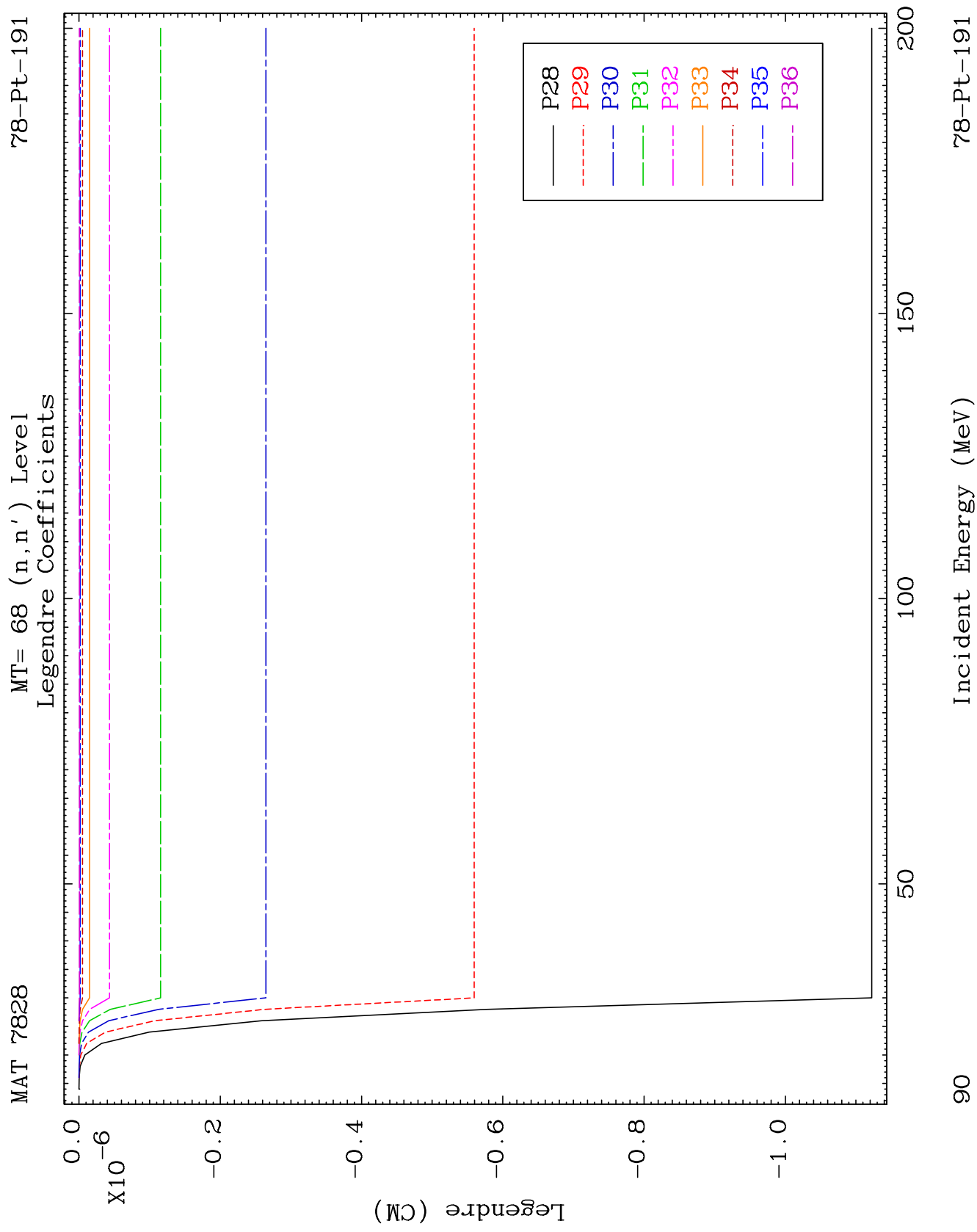
78-Pt-191

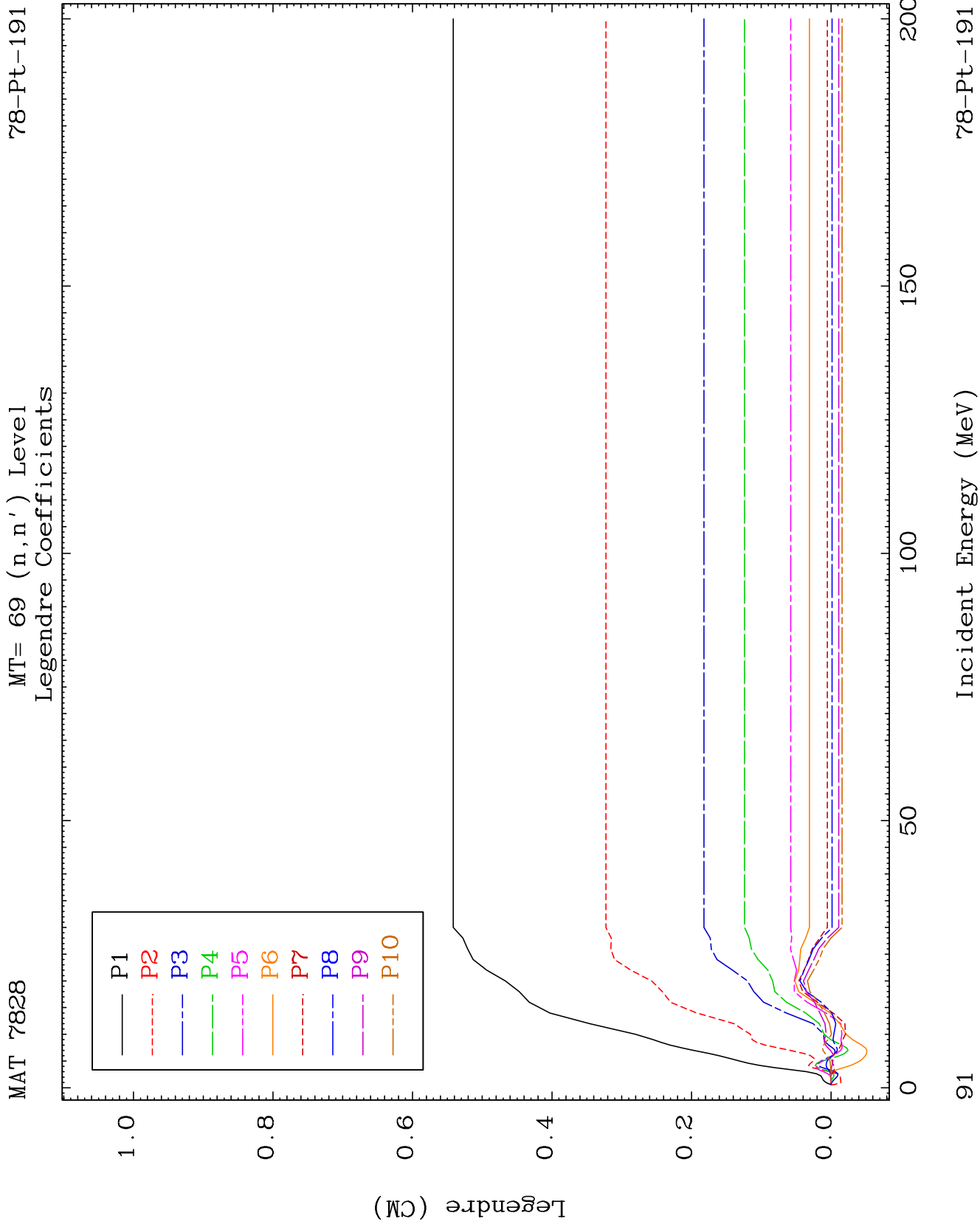


89

Incident Energy (MeV)

78-Pt-191

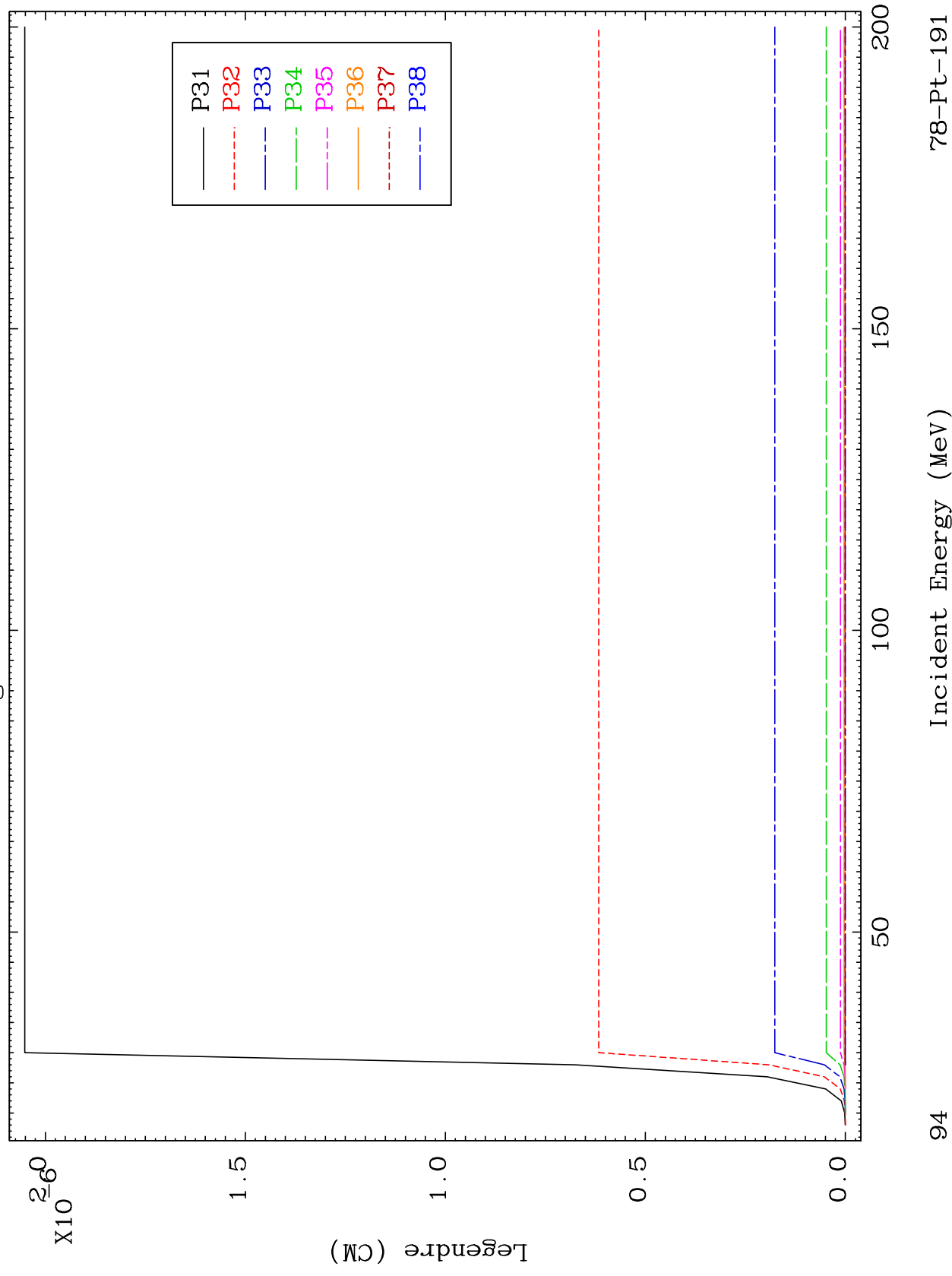




MAT 7828

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

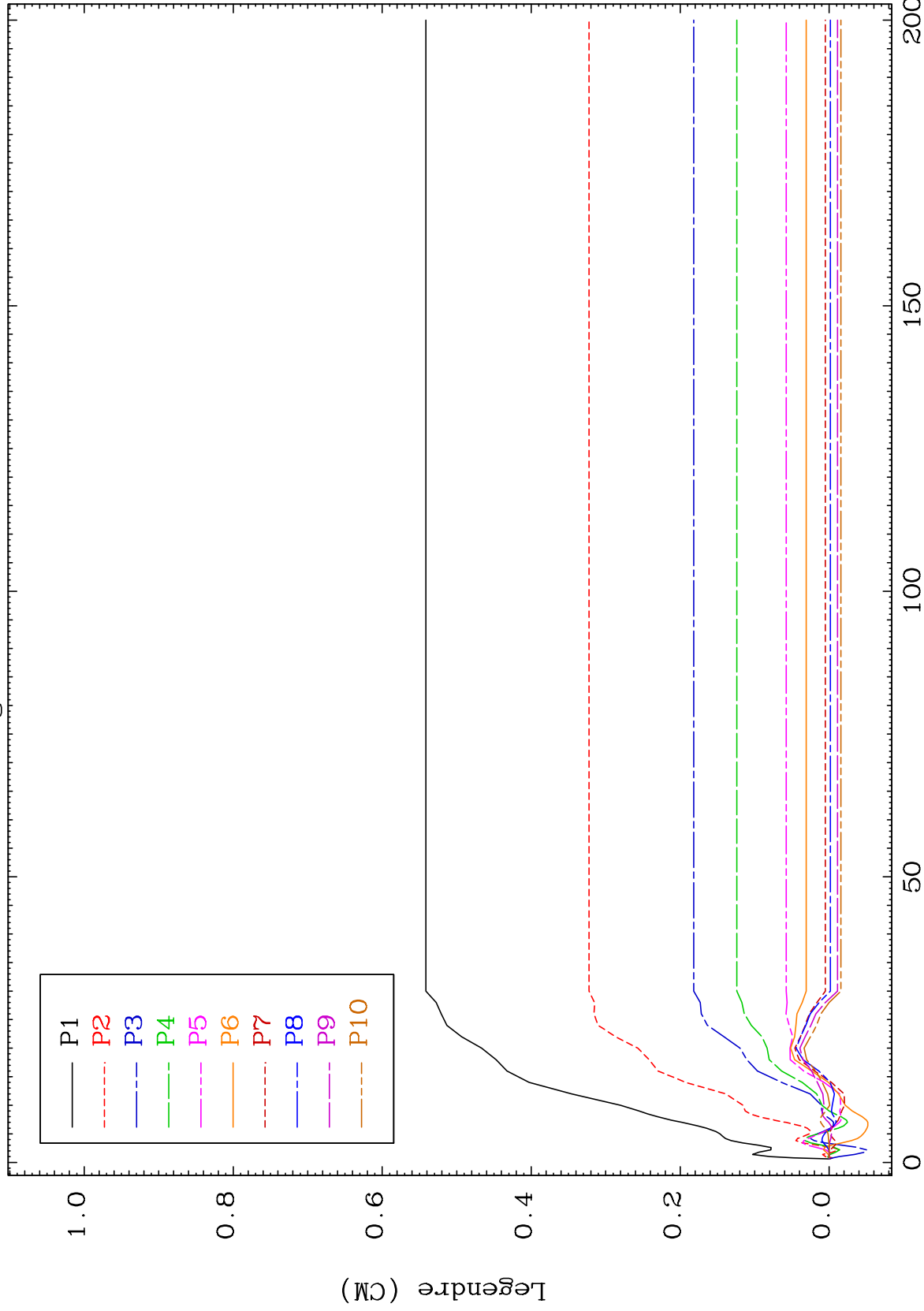
78-Pt-191



MAT 7828

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

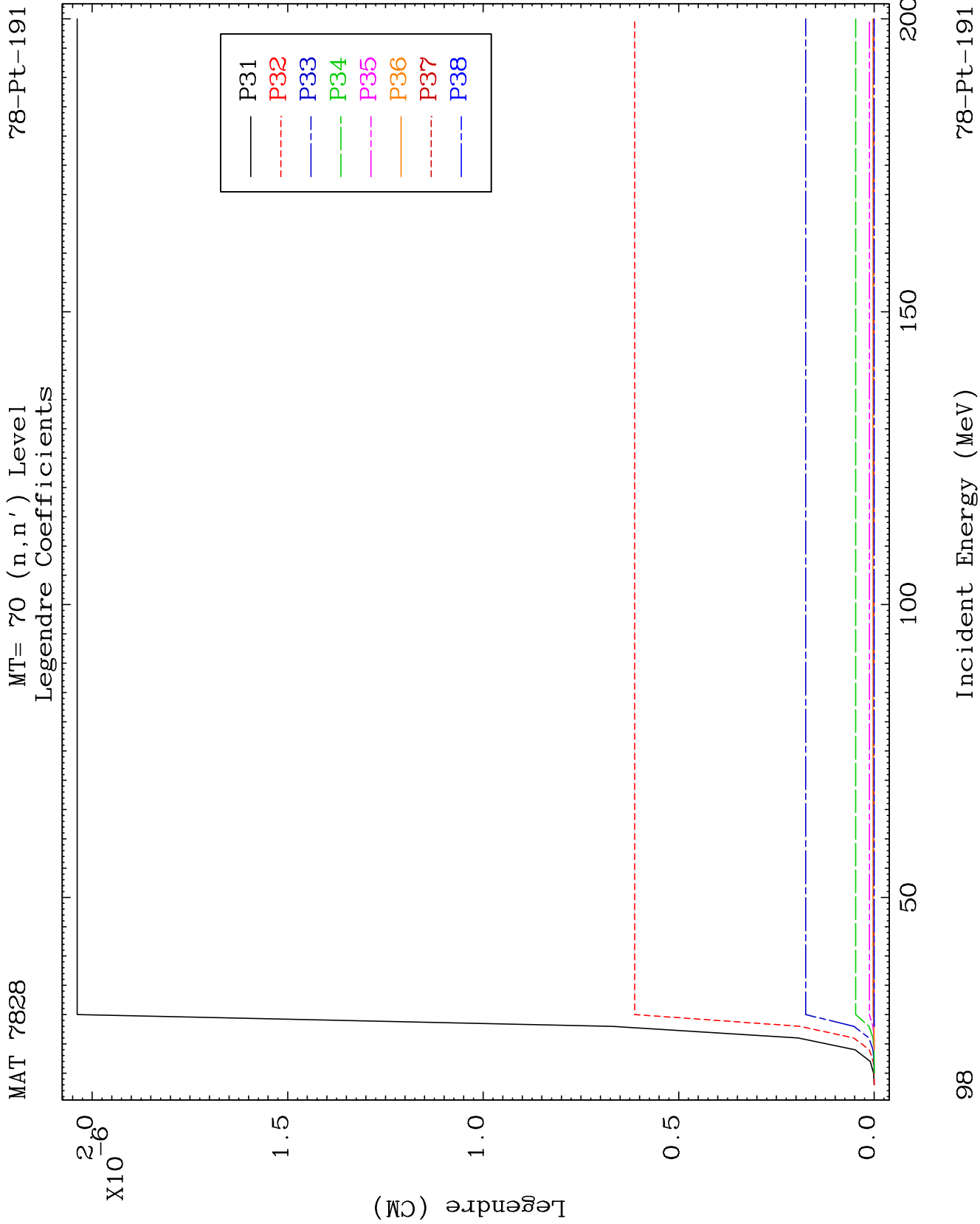
78-Pt-191



95

Incident Energy (MeV)

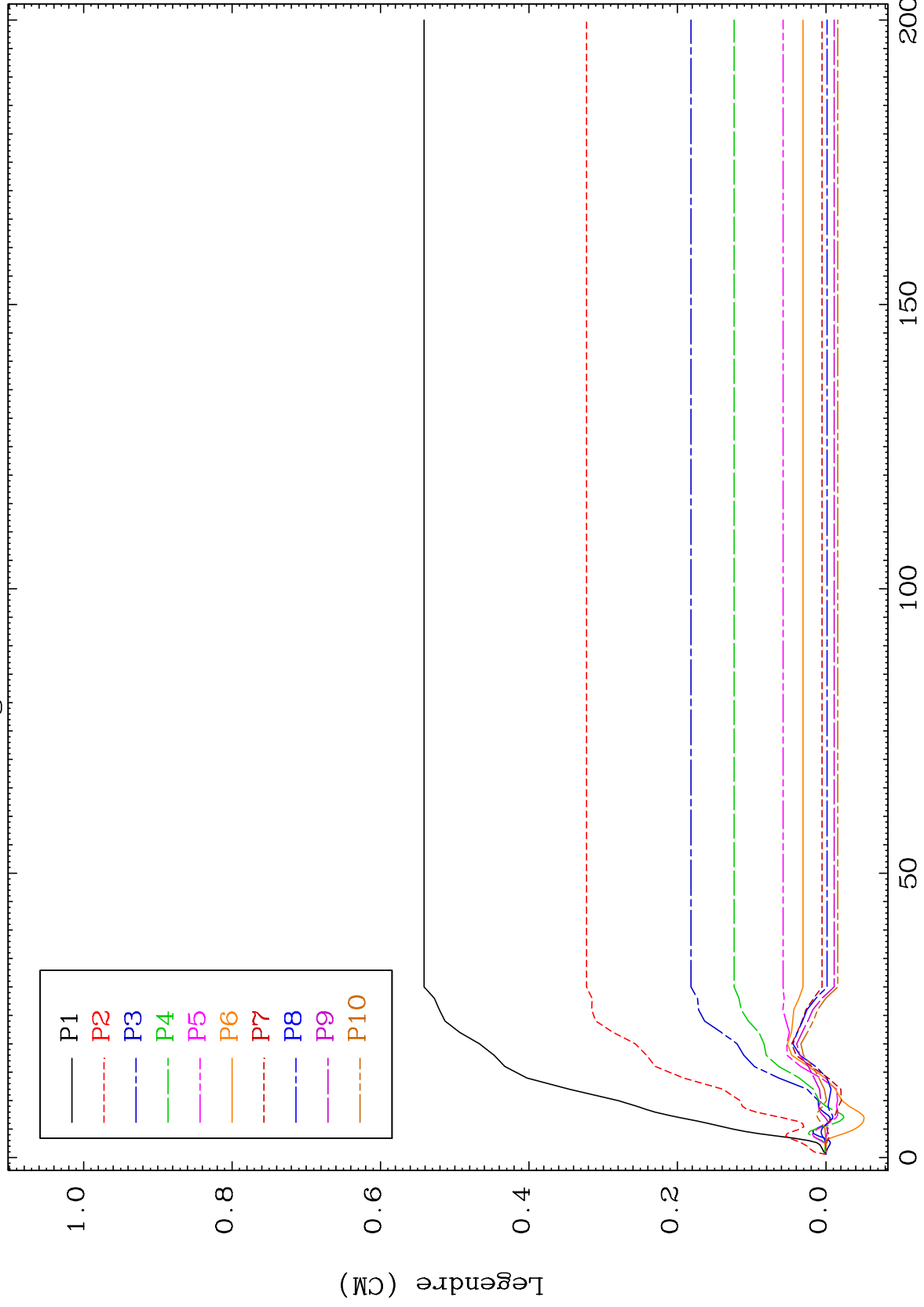
78-Pt-191



MAT 7828

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

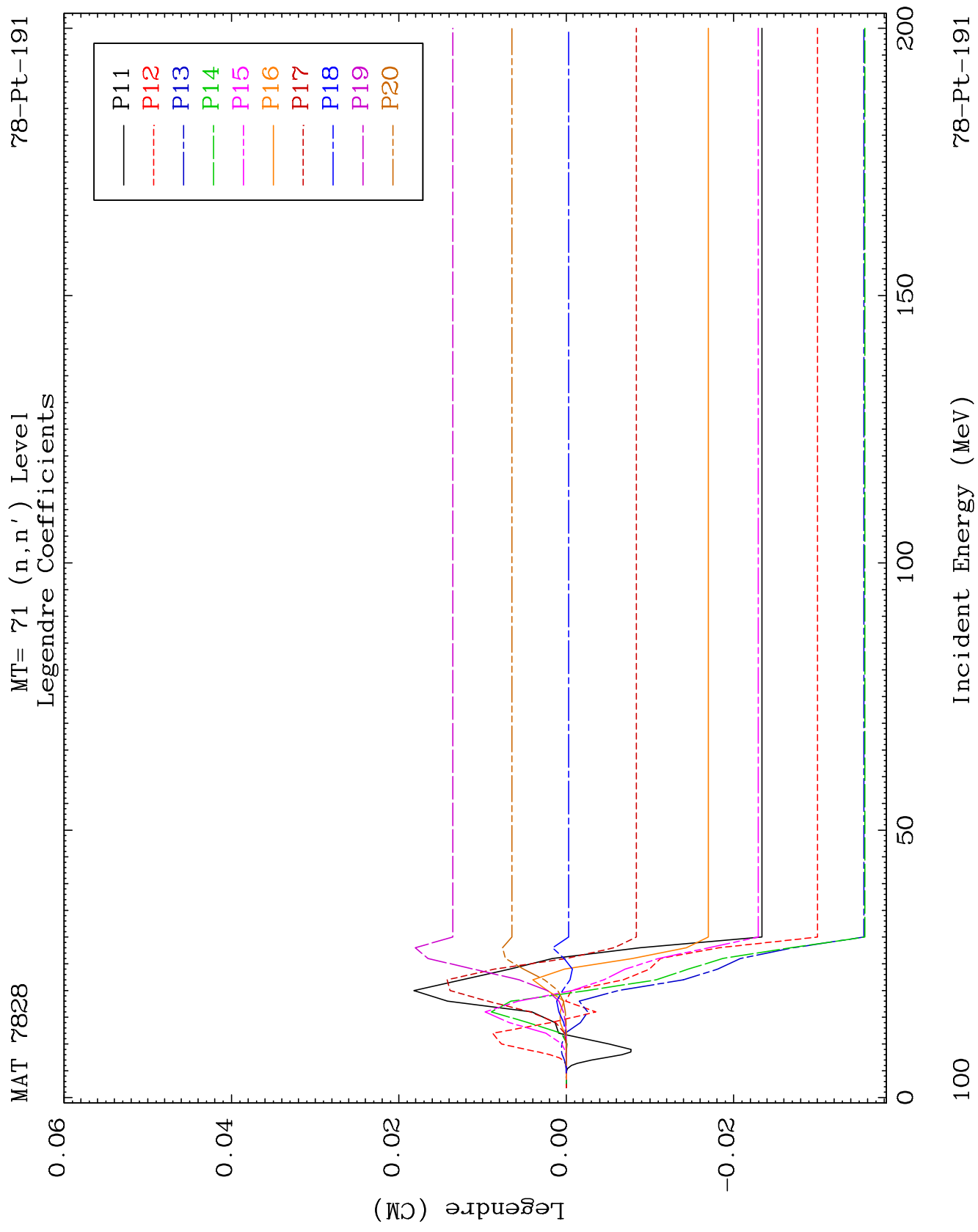
78-Pt-191



99

Incident Energy (MeV)

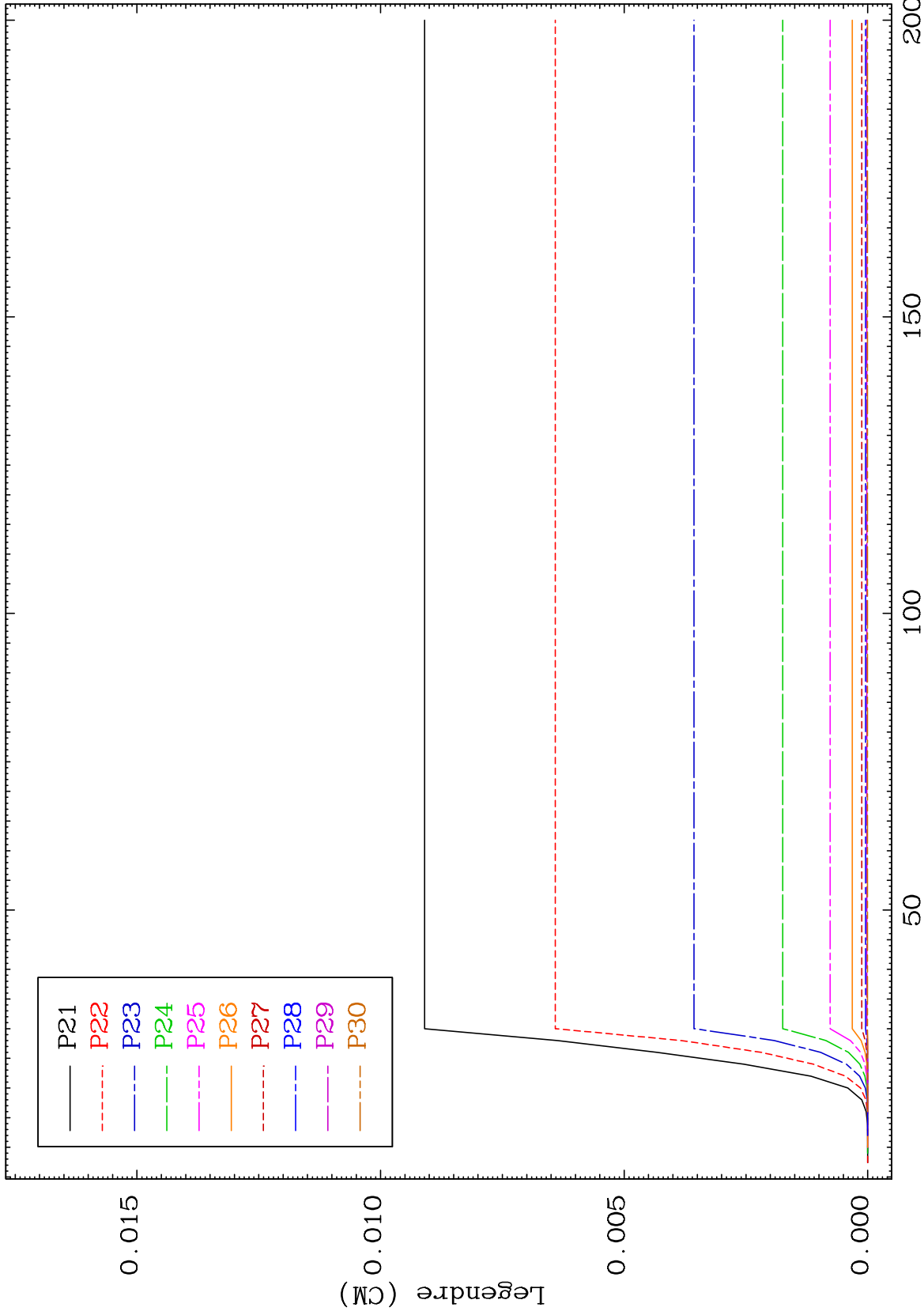
78-Pt-191



MAT 7828

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

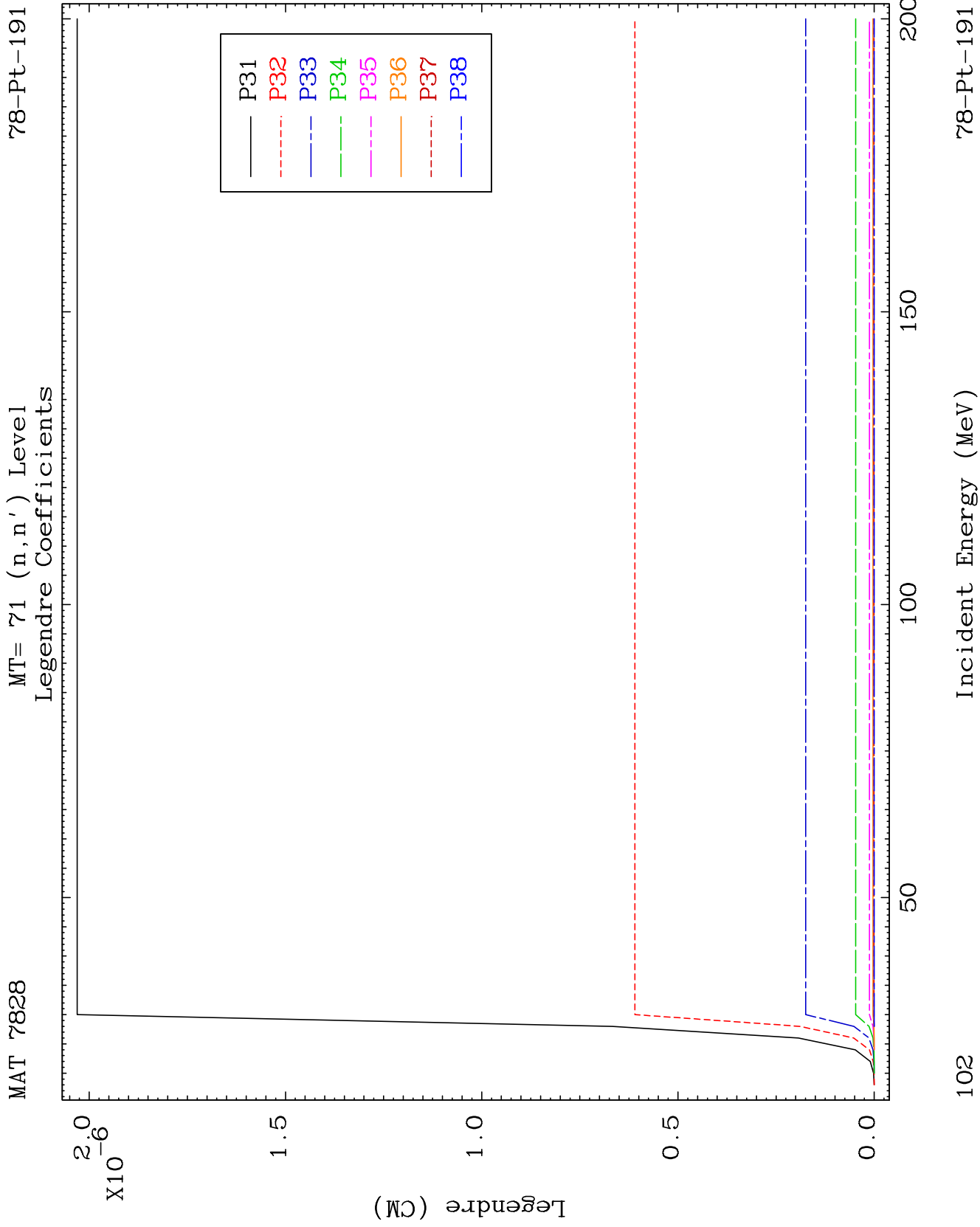
78-Pt-191



101

Incident Energy (MeV)

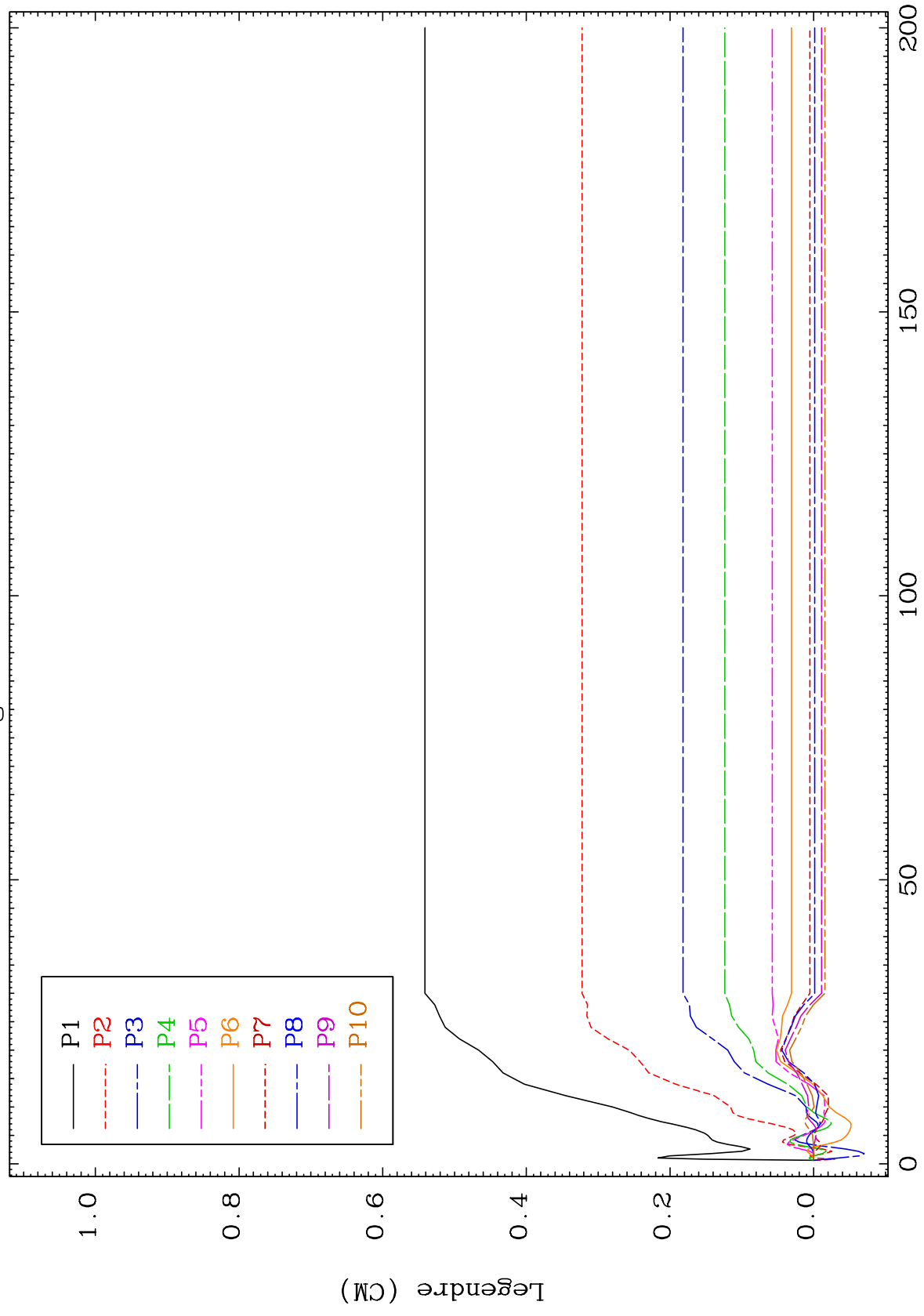
78-Pt-191

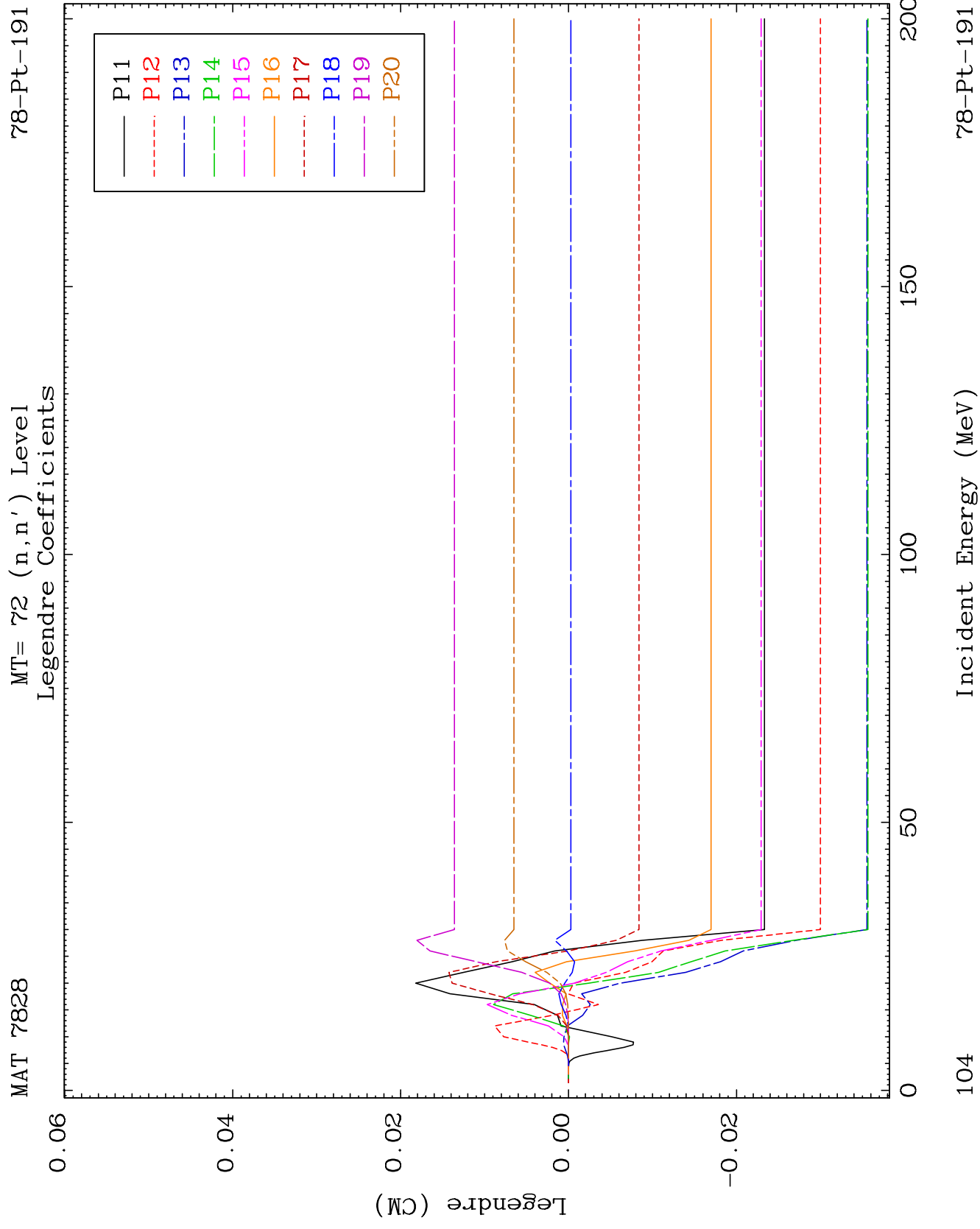


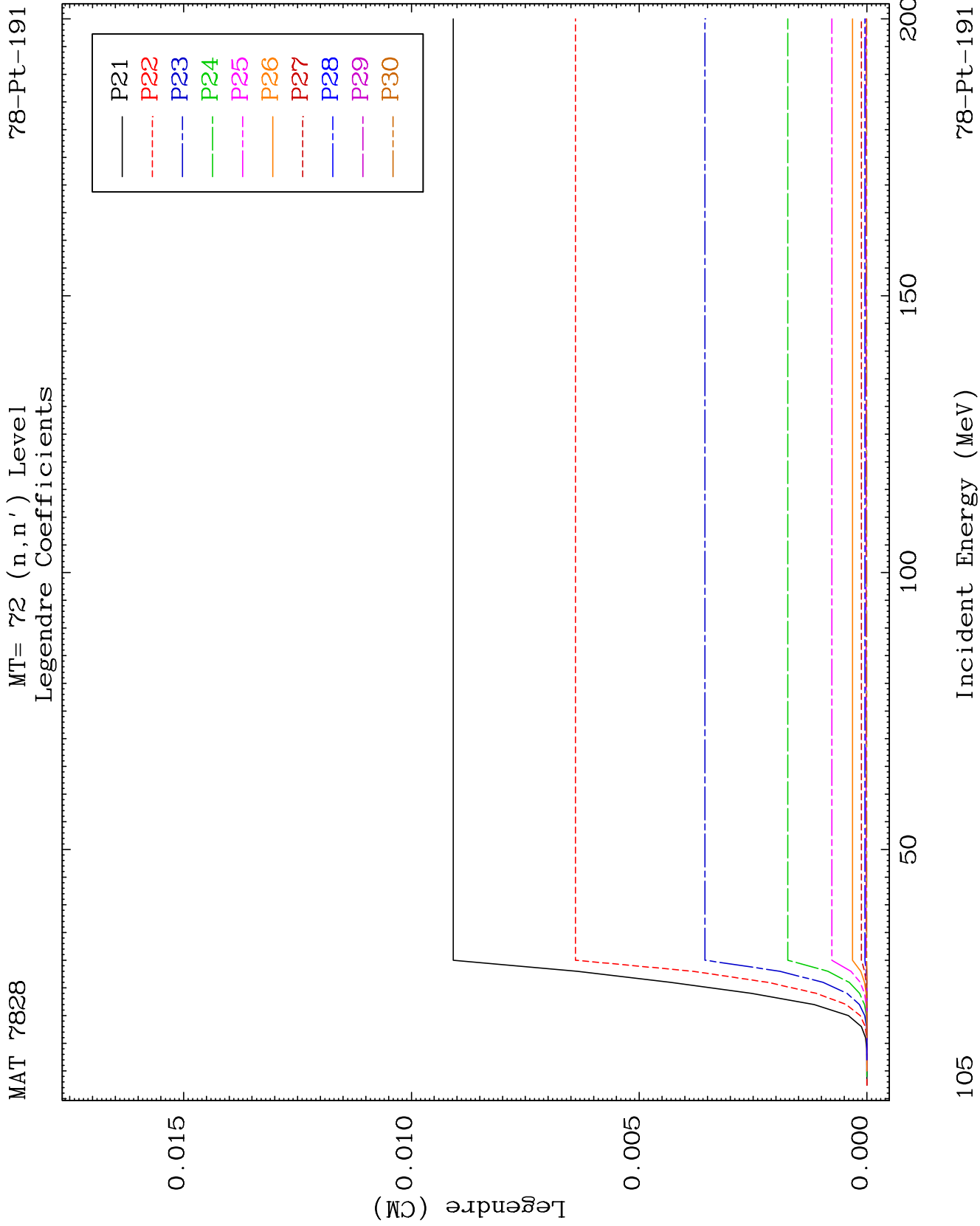
MAT 7828

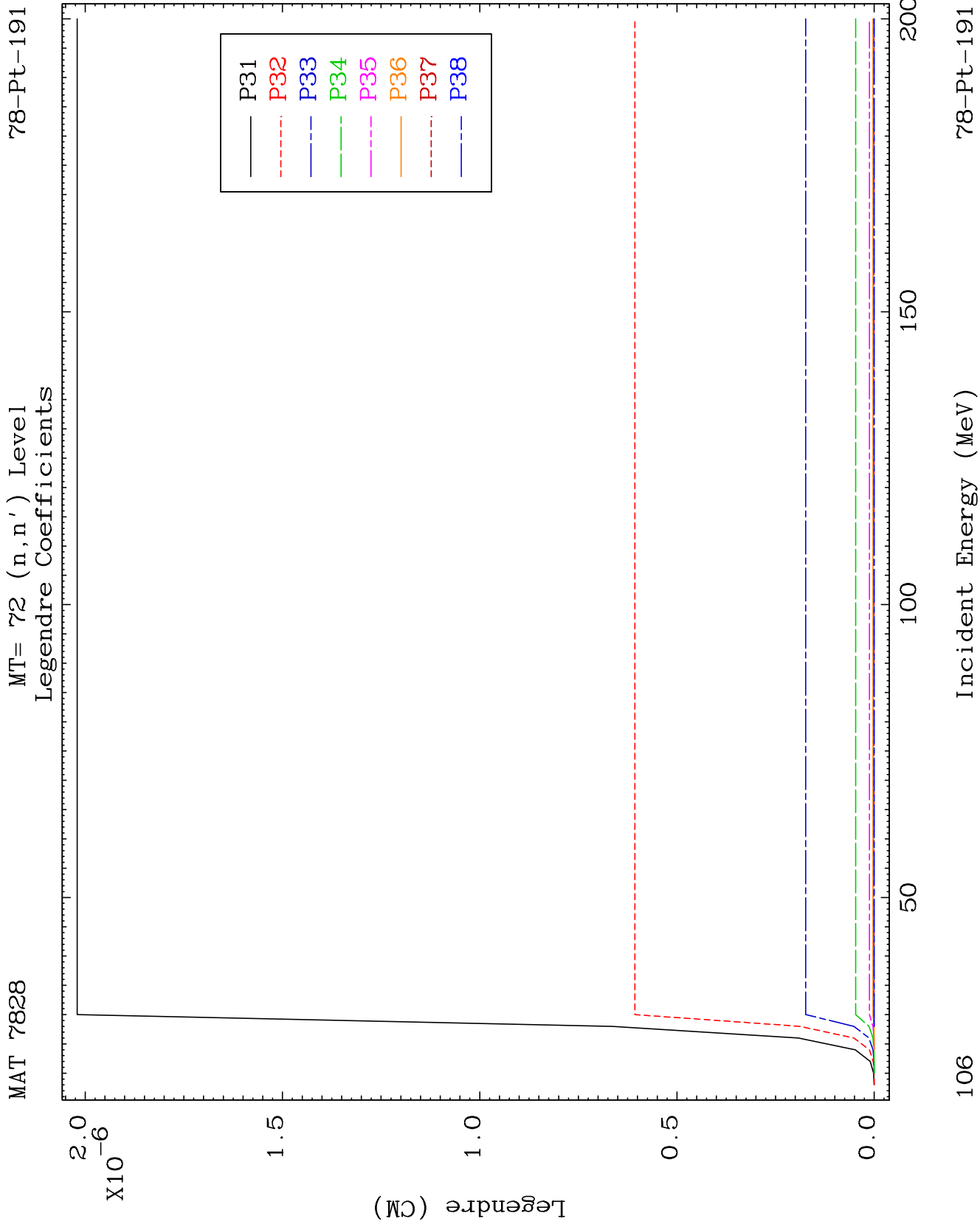
MT= 72 (n, n') Level
Legendre Coefficients

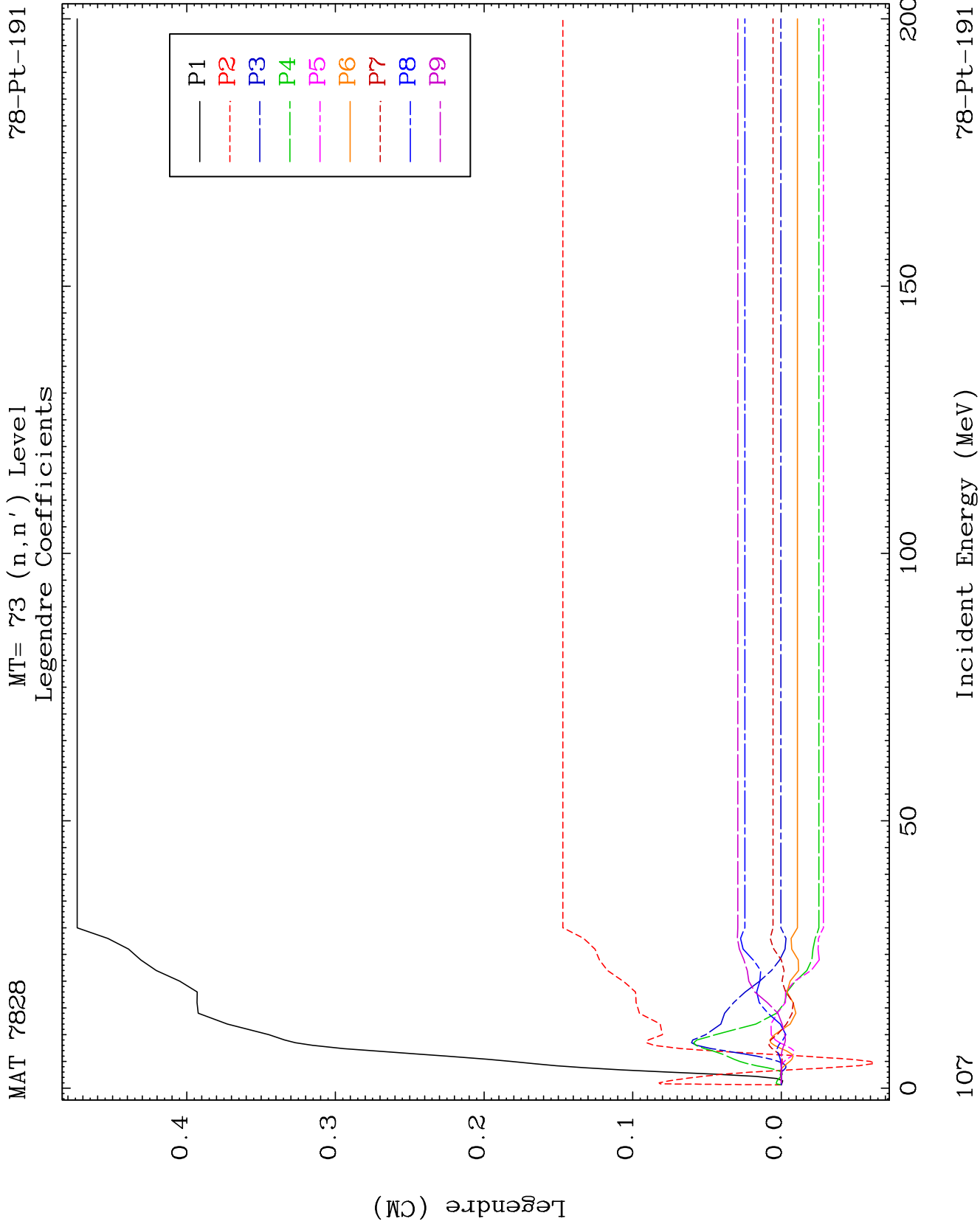
78-Pt-191







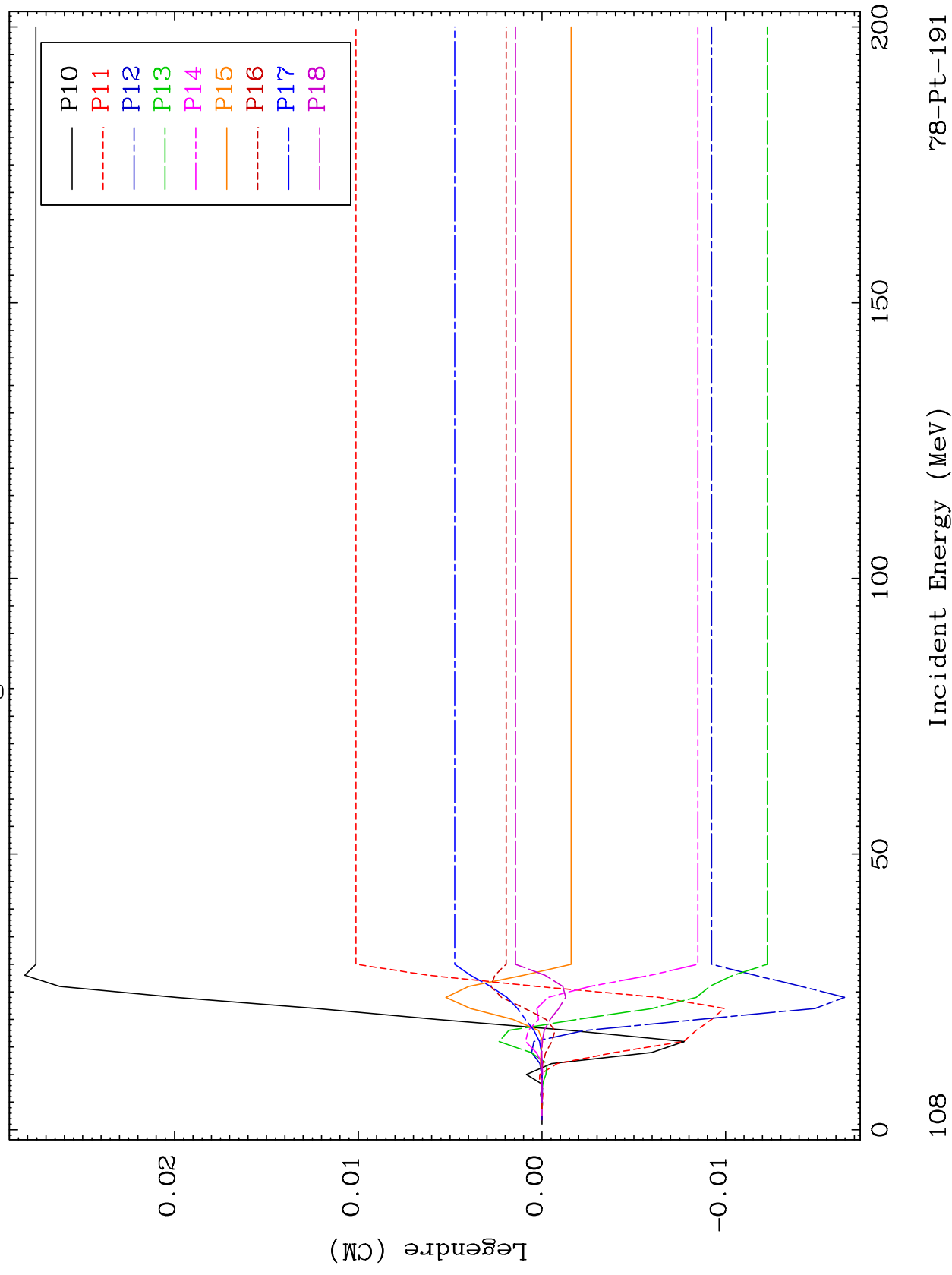




MAT 7828

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

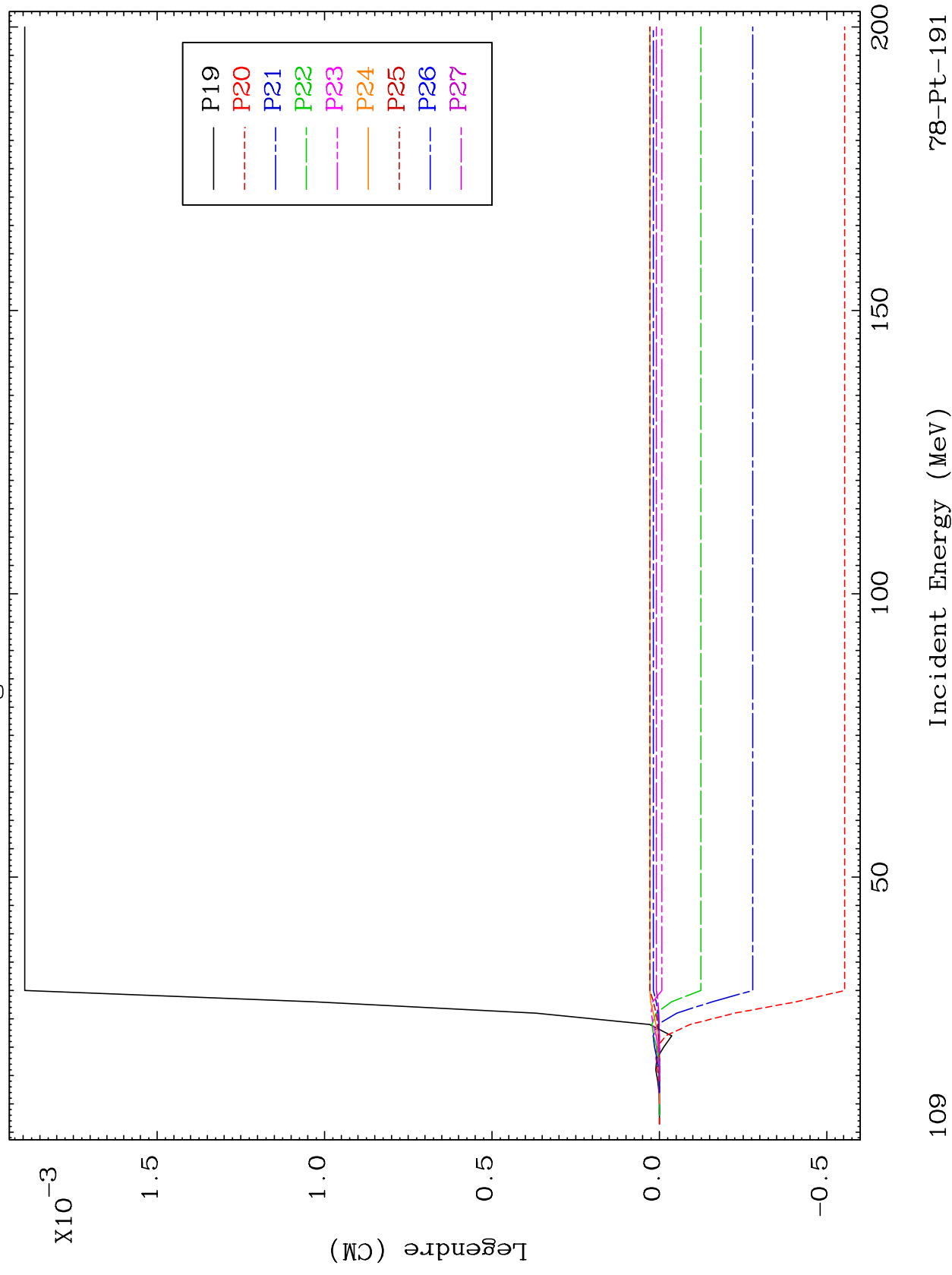
78-Pt-191



MAT 7828

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

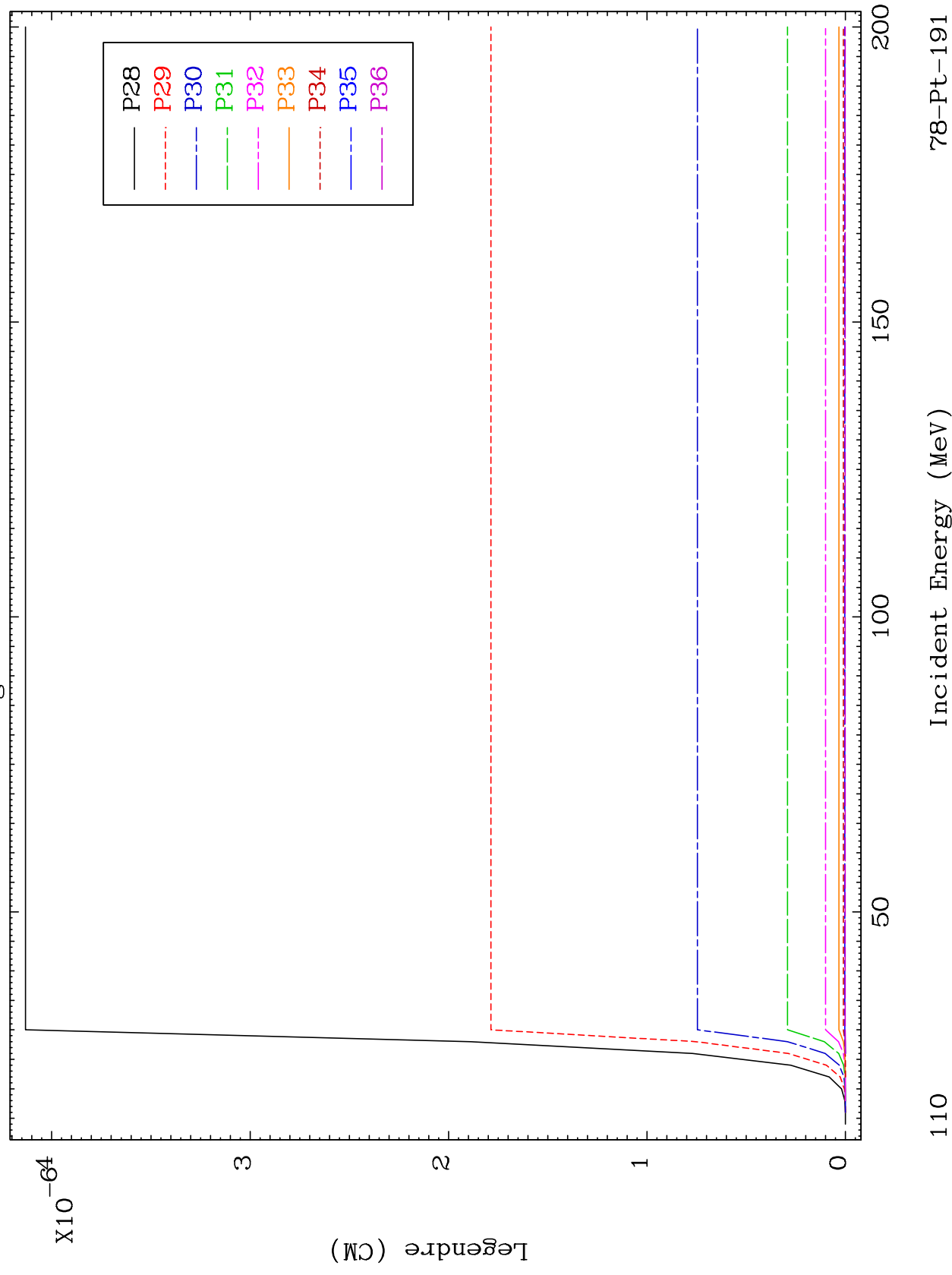
78-Pt-191

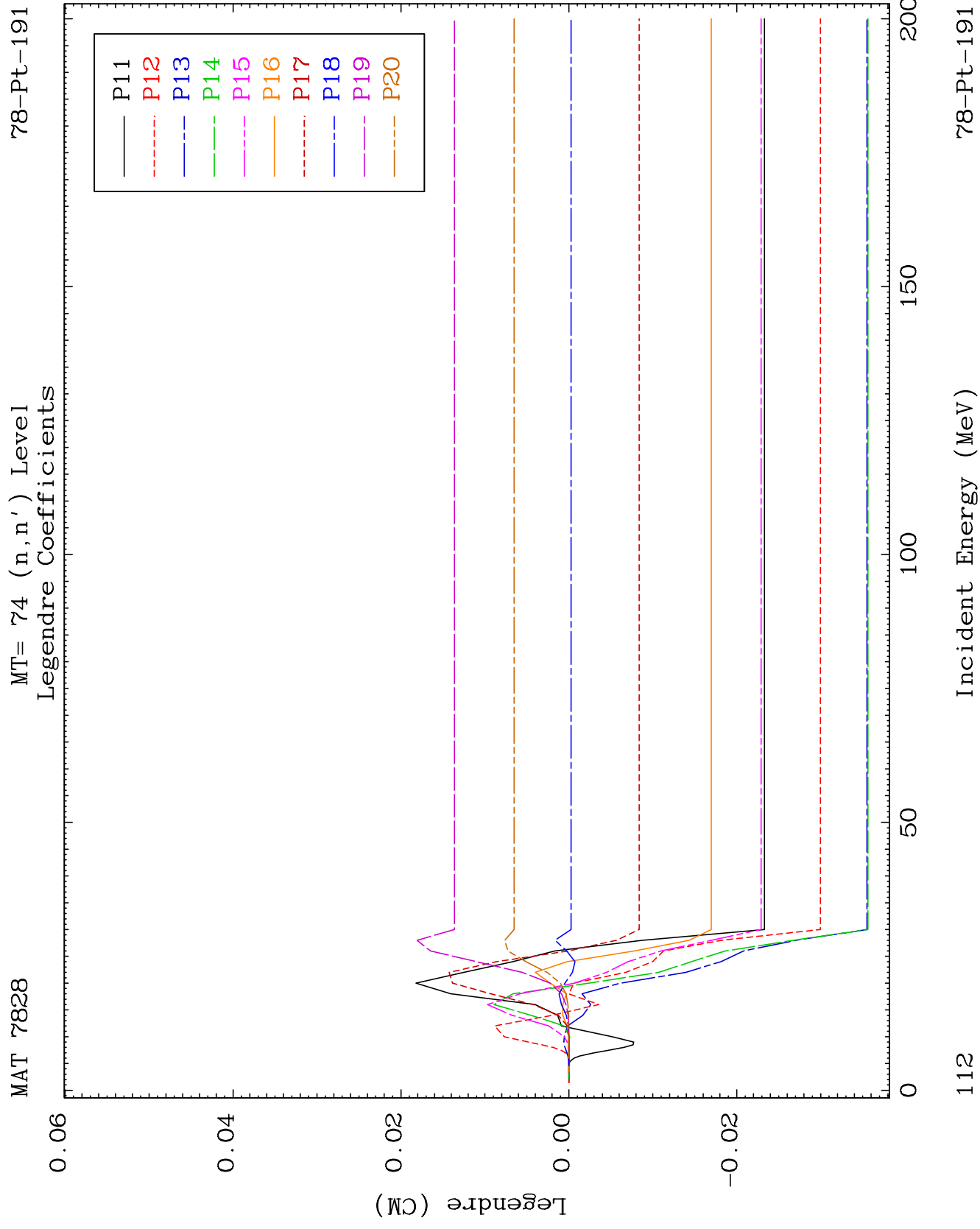


MAT 7828

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

78-Pt-191

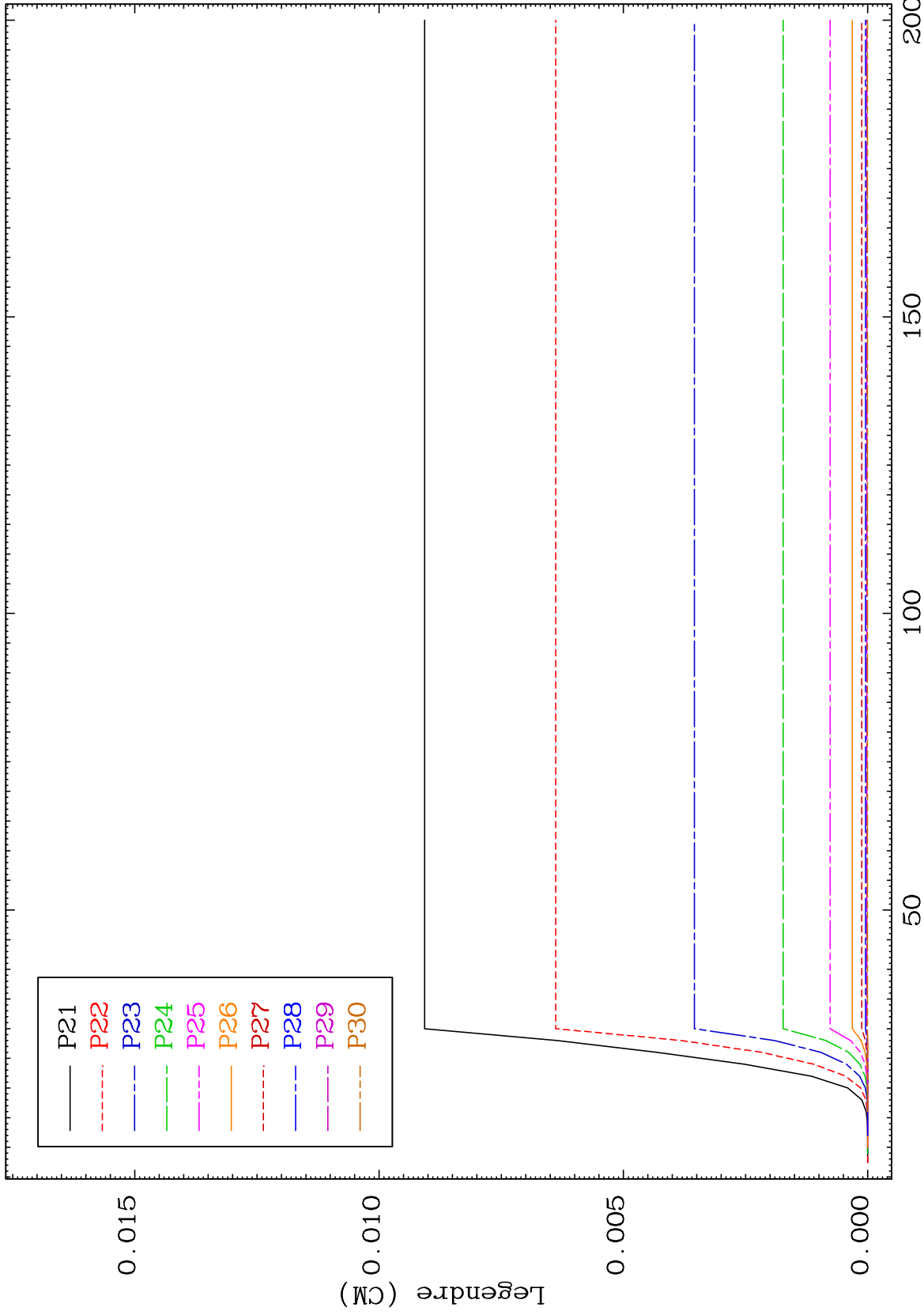




MAT 7828

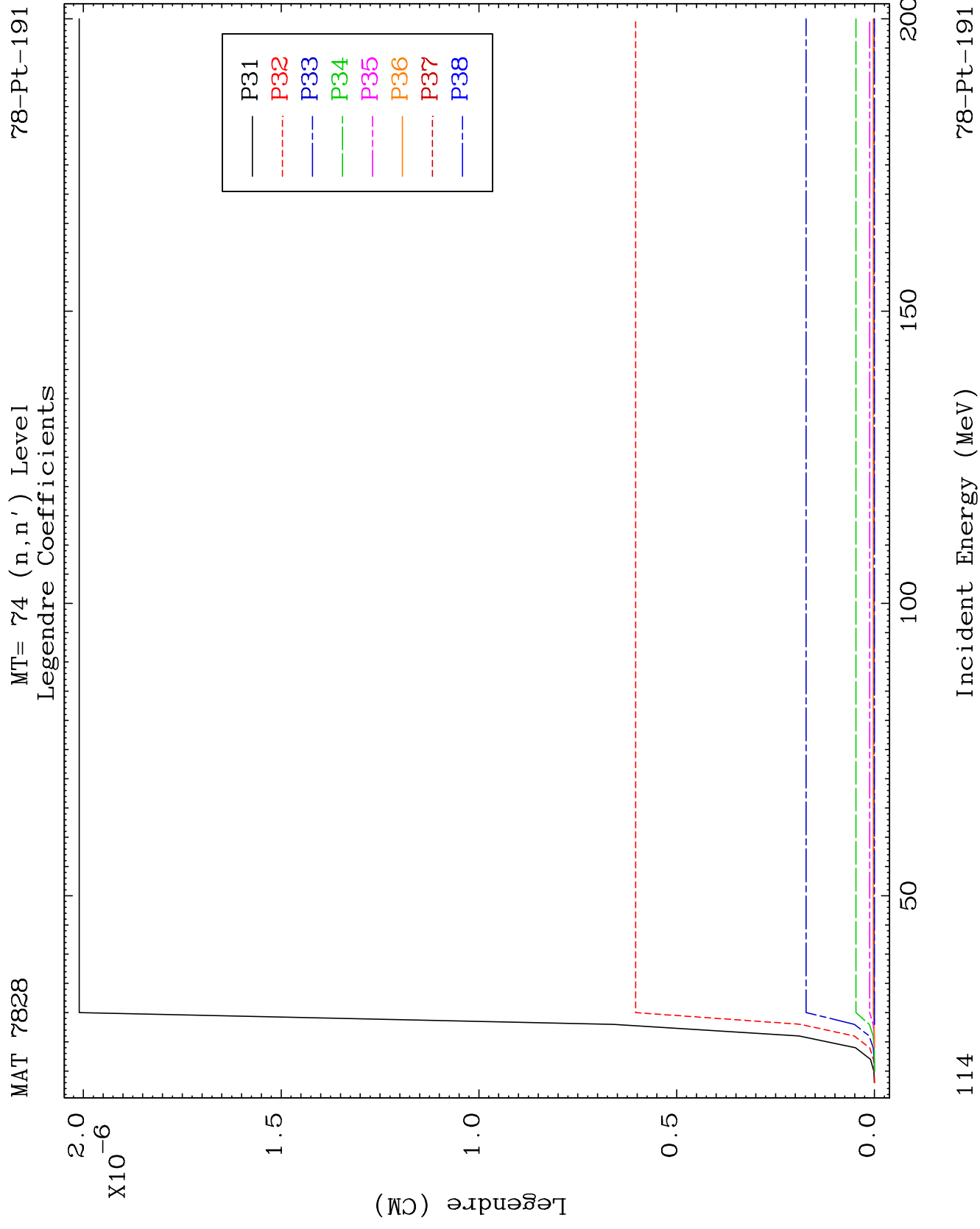
MT= 74 (n,n') Level
Legendre Coefficients

78-Pt-191



113

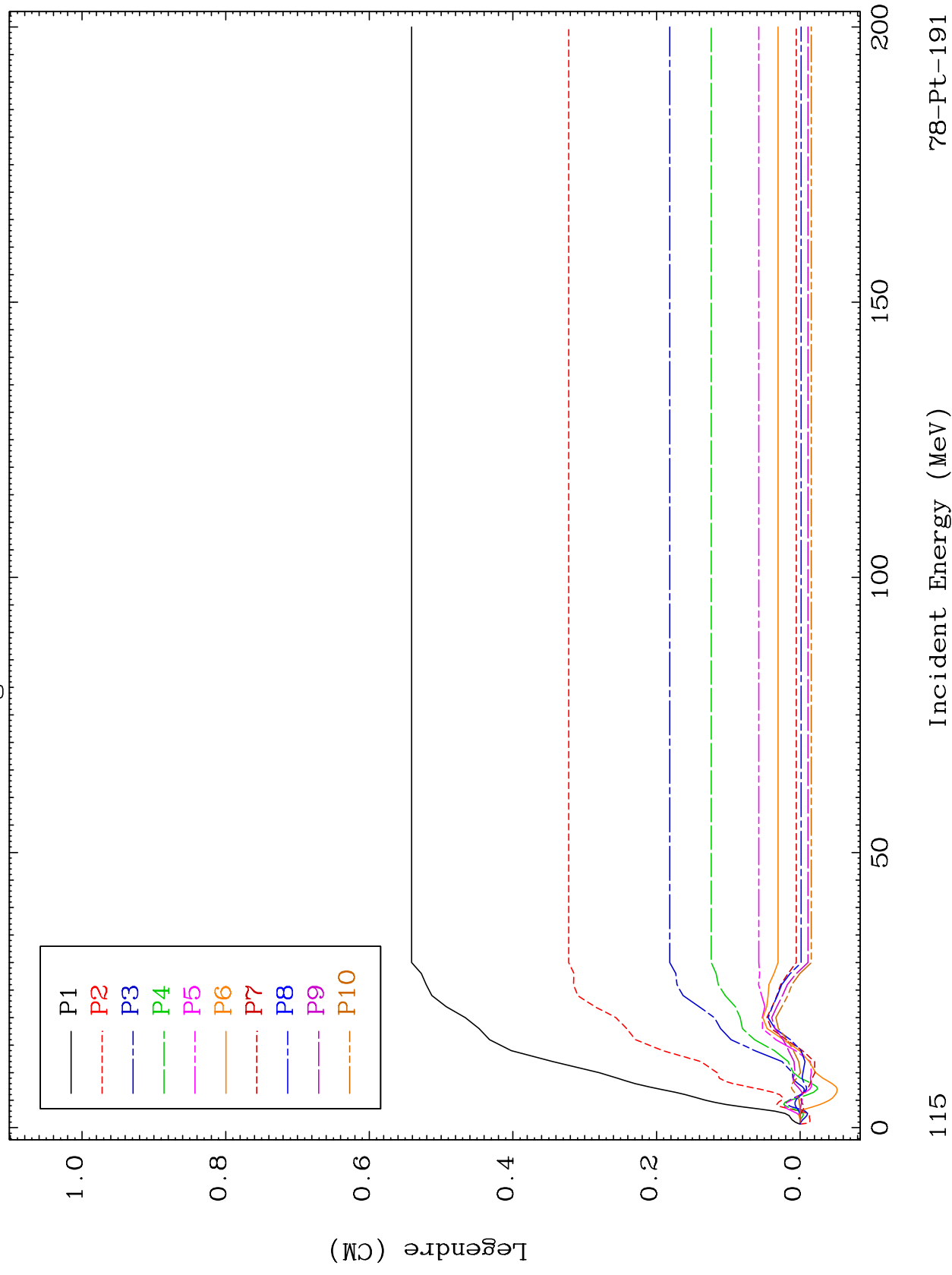
78-Pt-191



MAT 7828

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

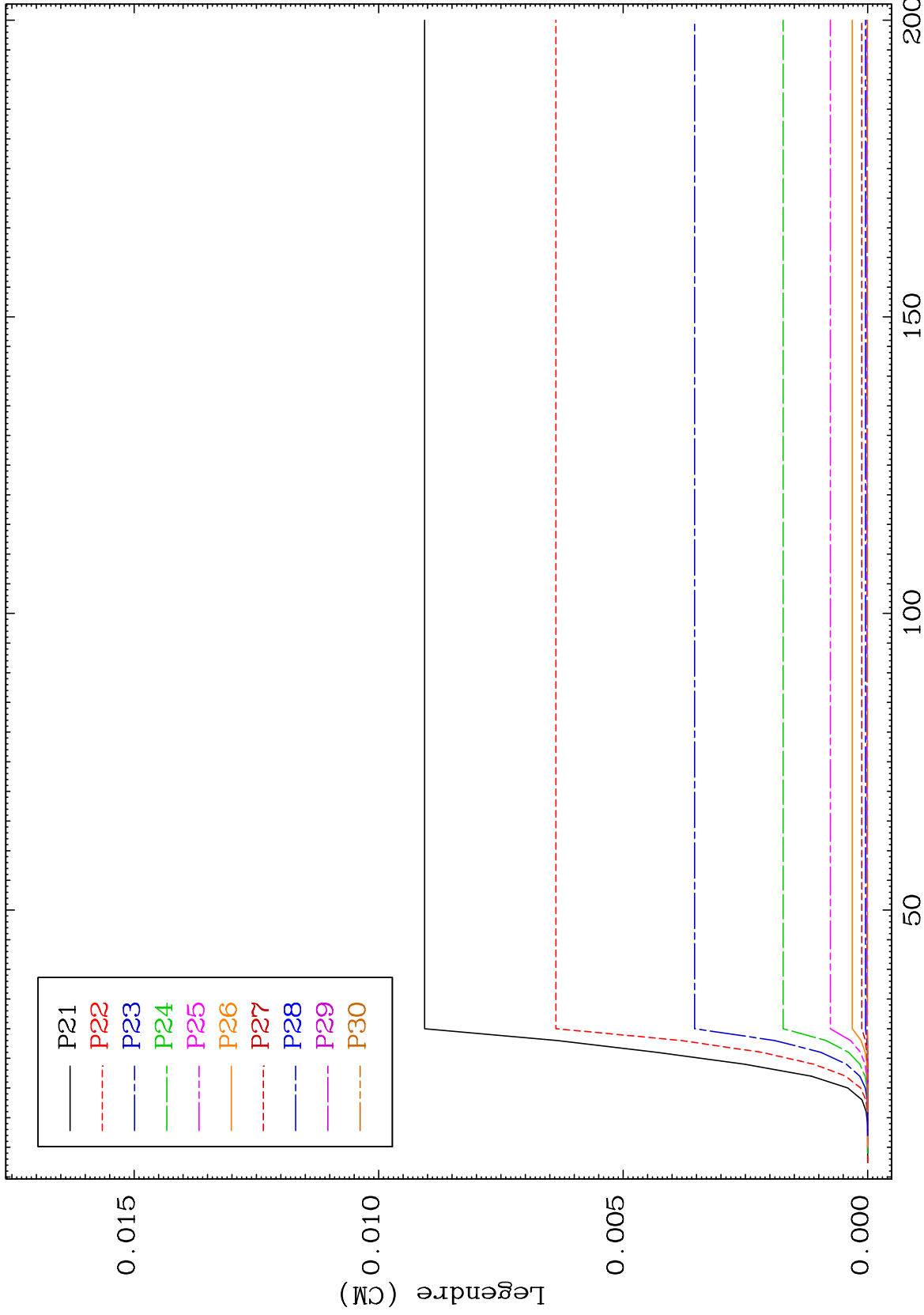
78-Pt-191



MAT 7828

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

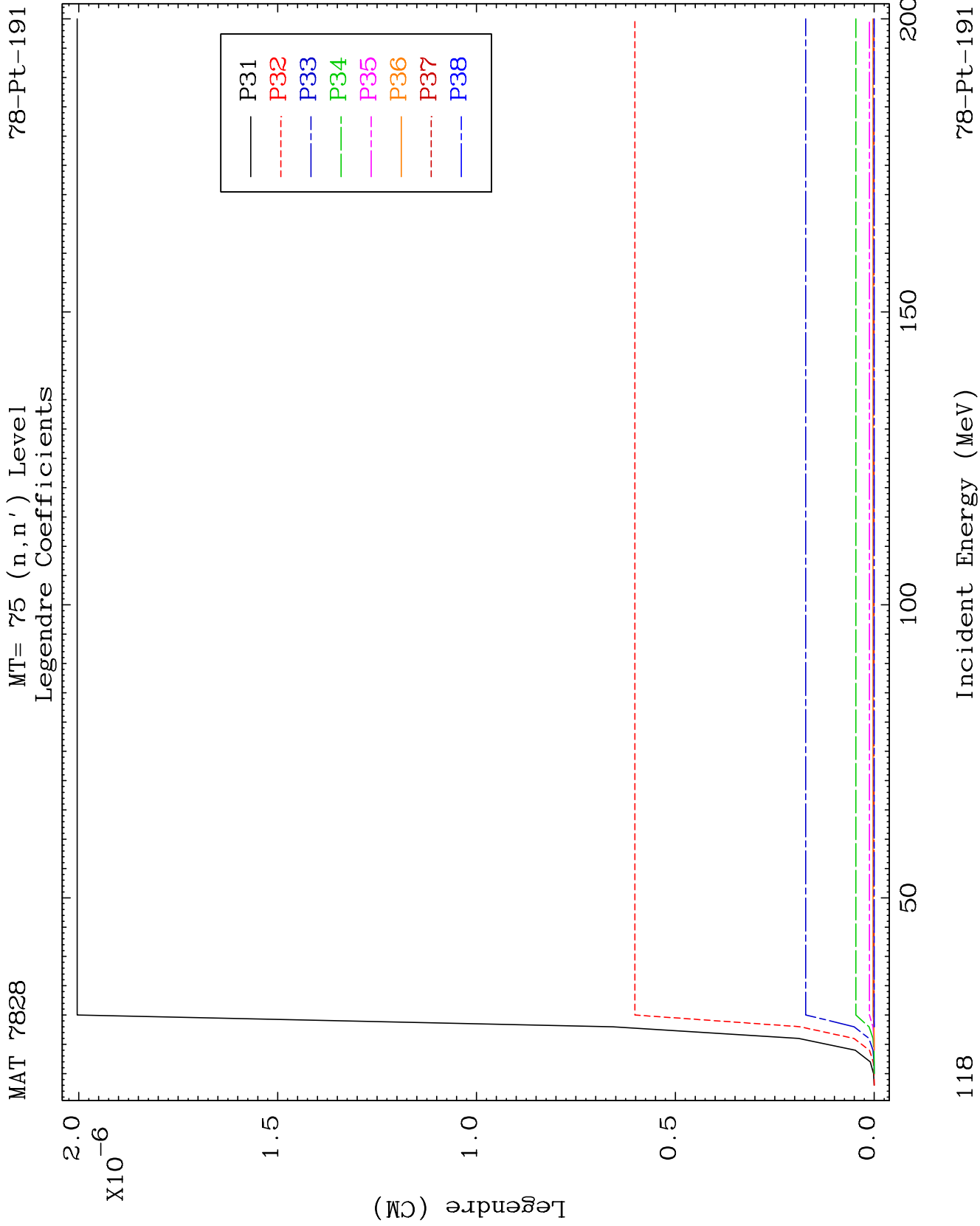
78-Pt-191

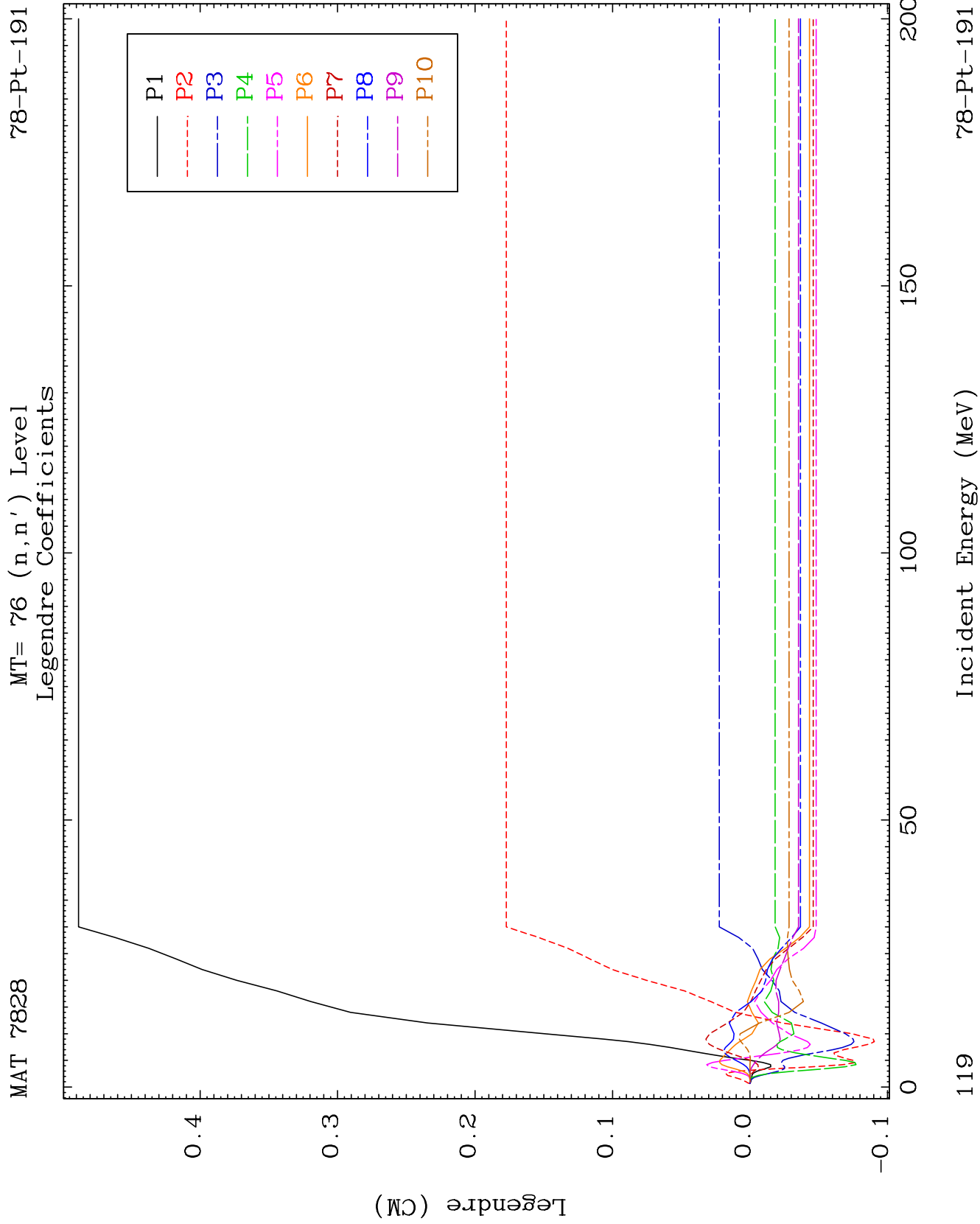


117

Incident Energy (MeV)

78-Pt-191

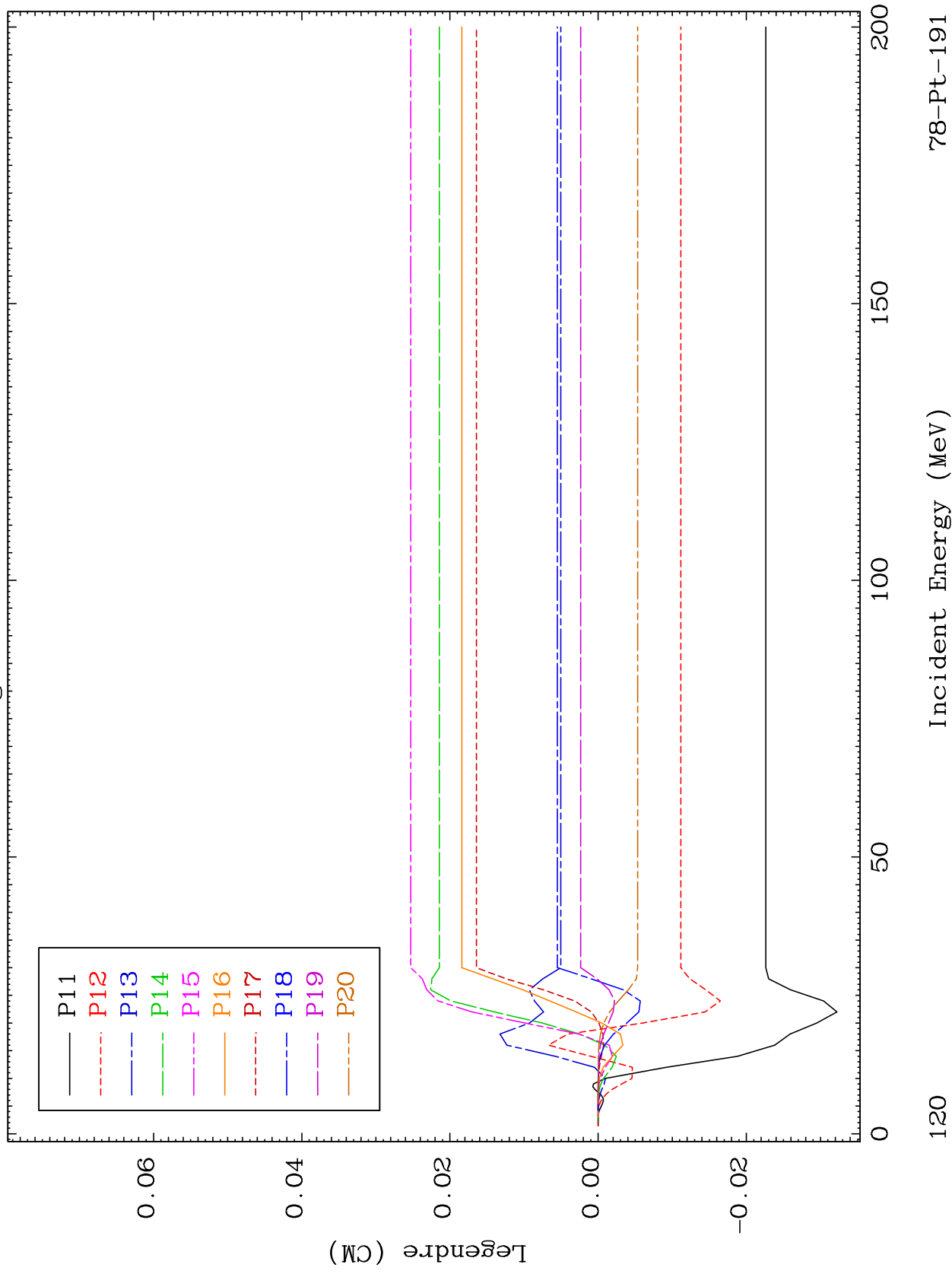


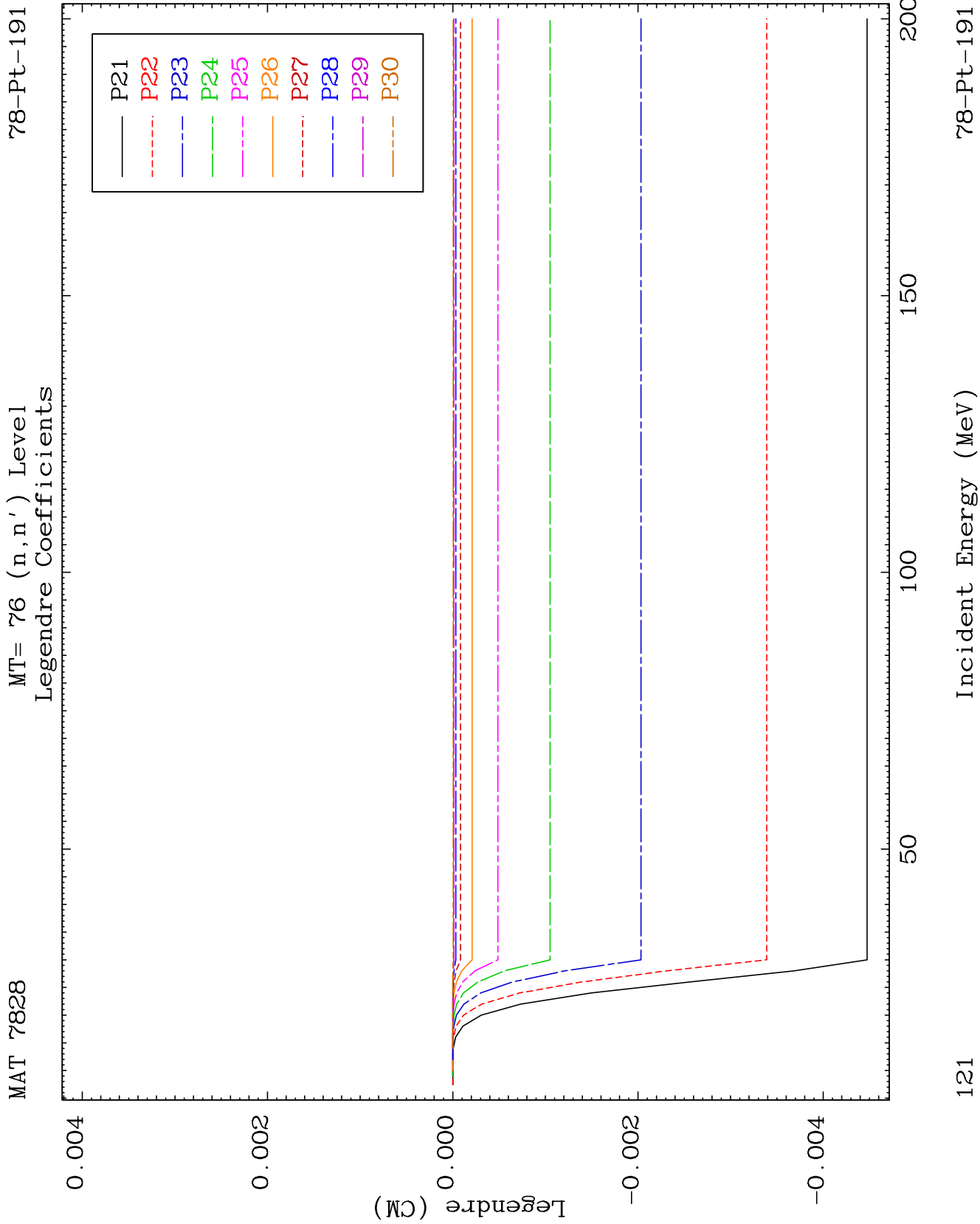


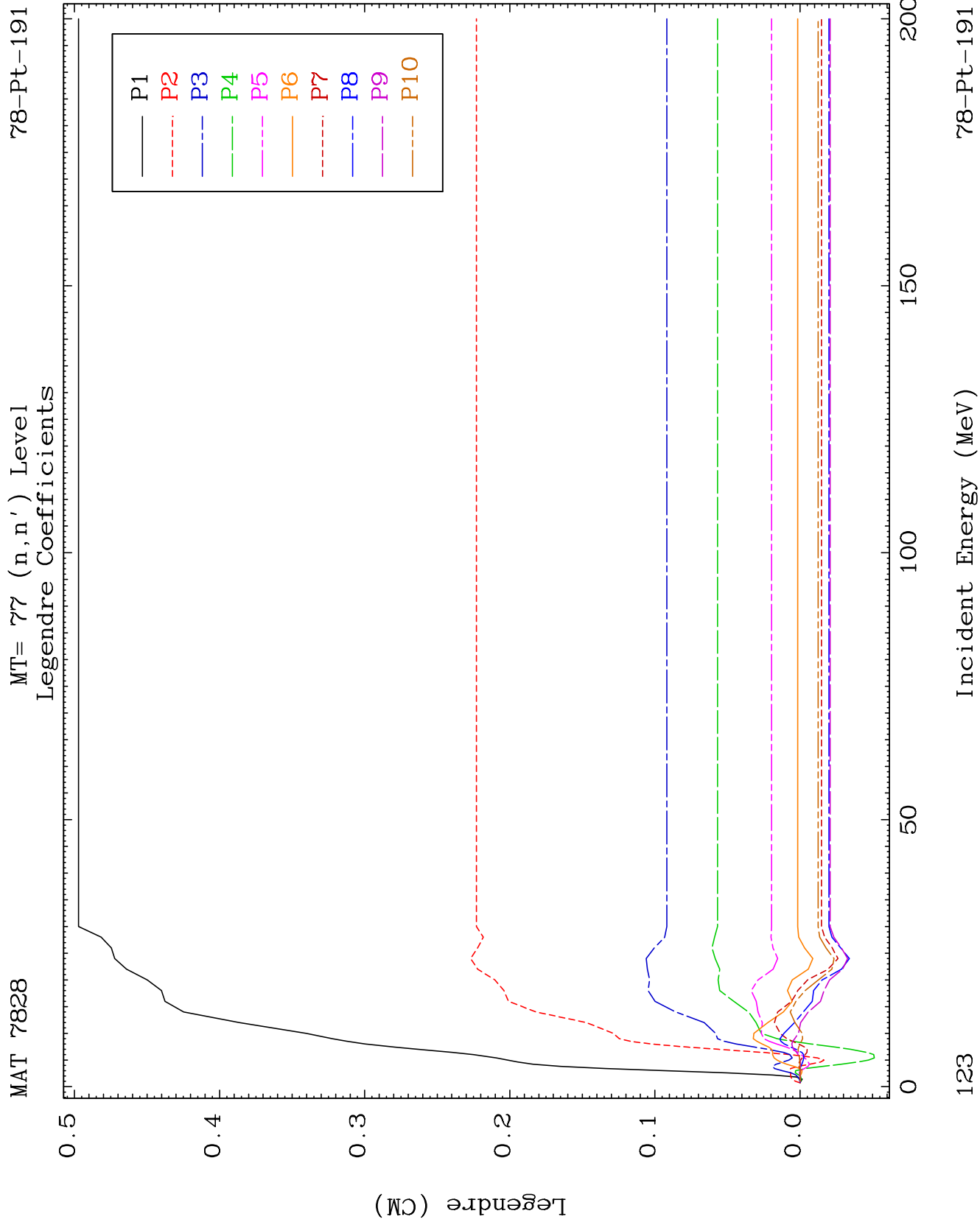
MAT 7828

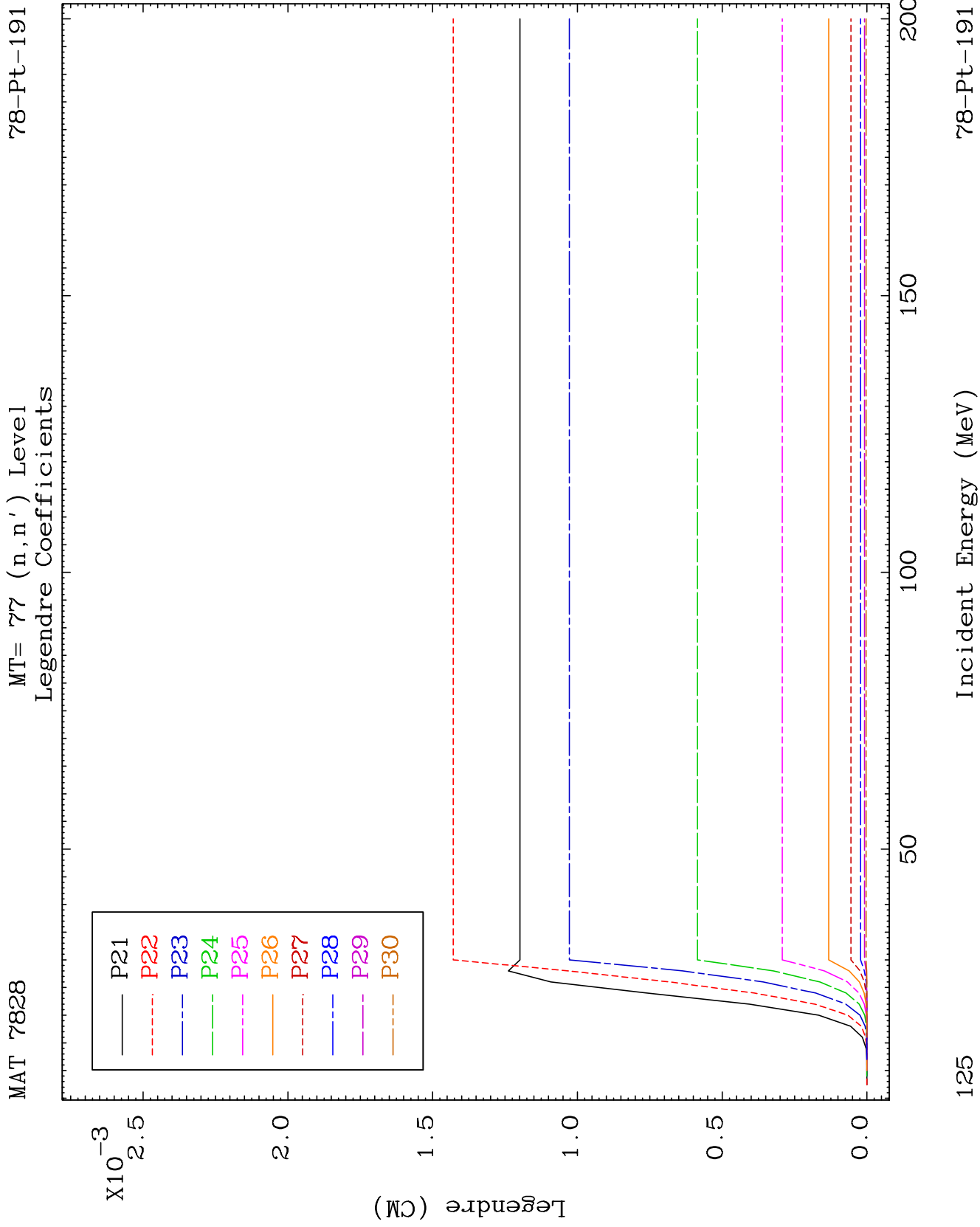
MT= 76 (n, n') Level
Legendre Coefficients

78-Pt-191





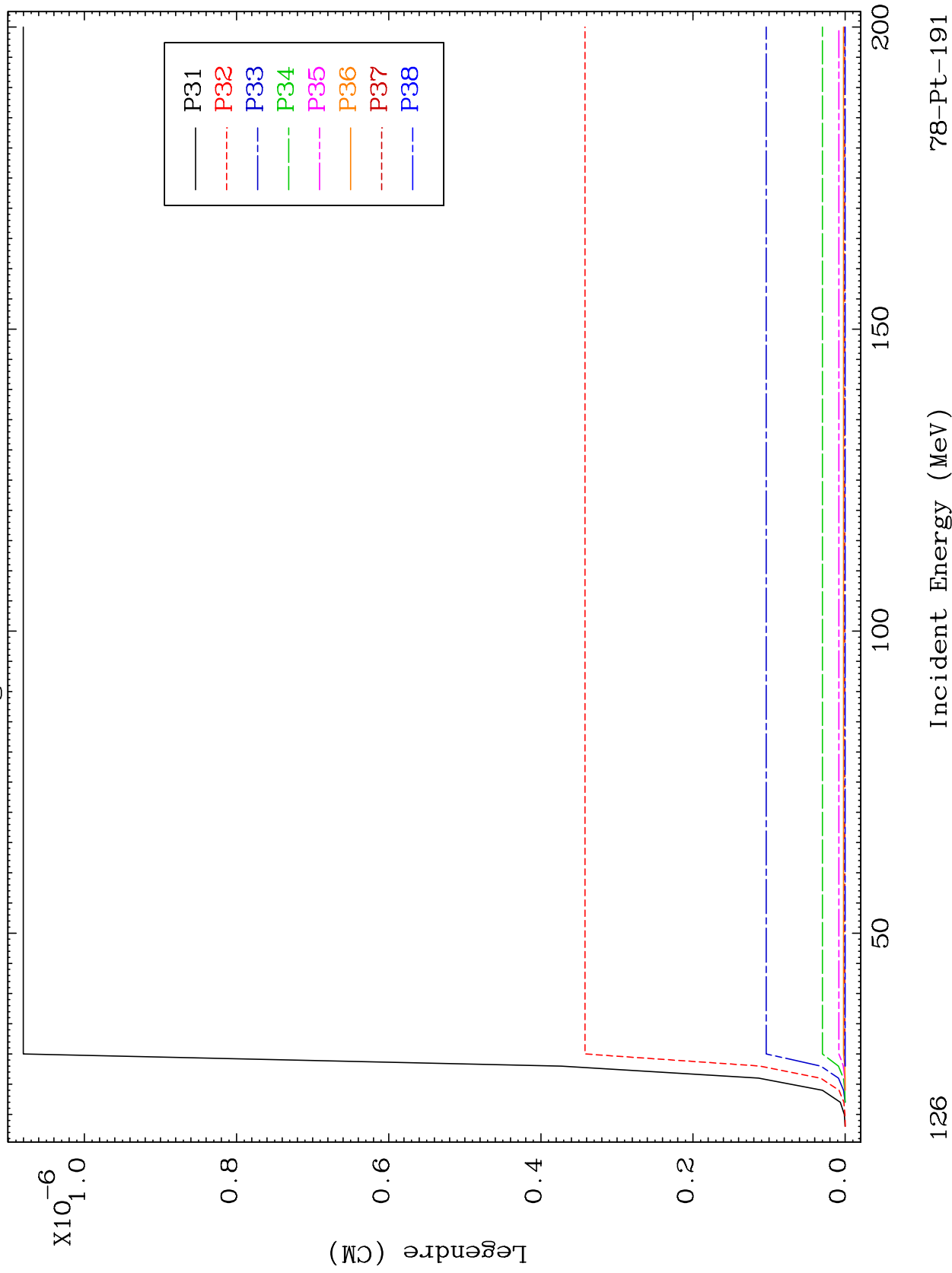


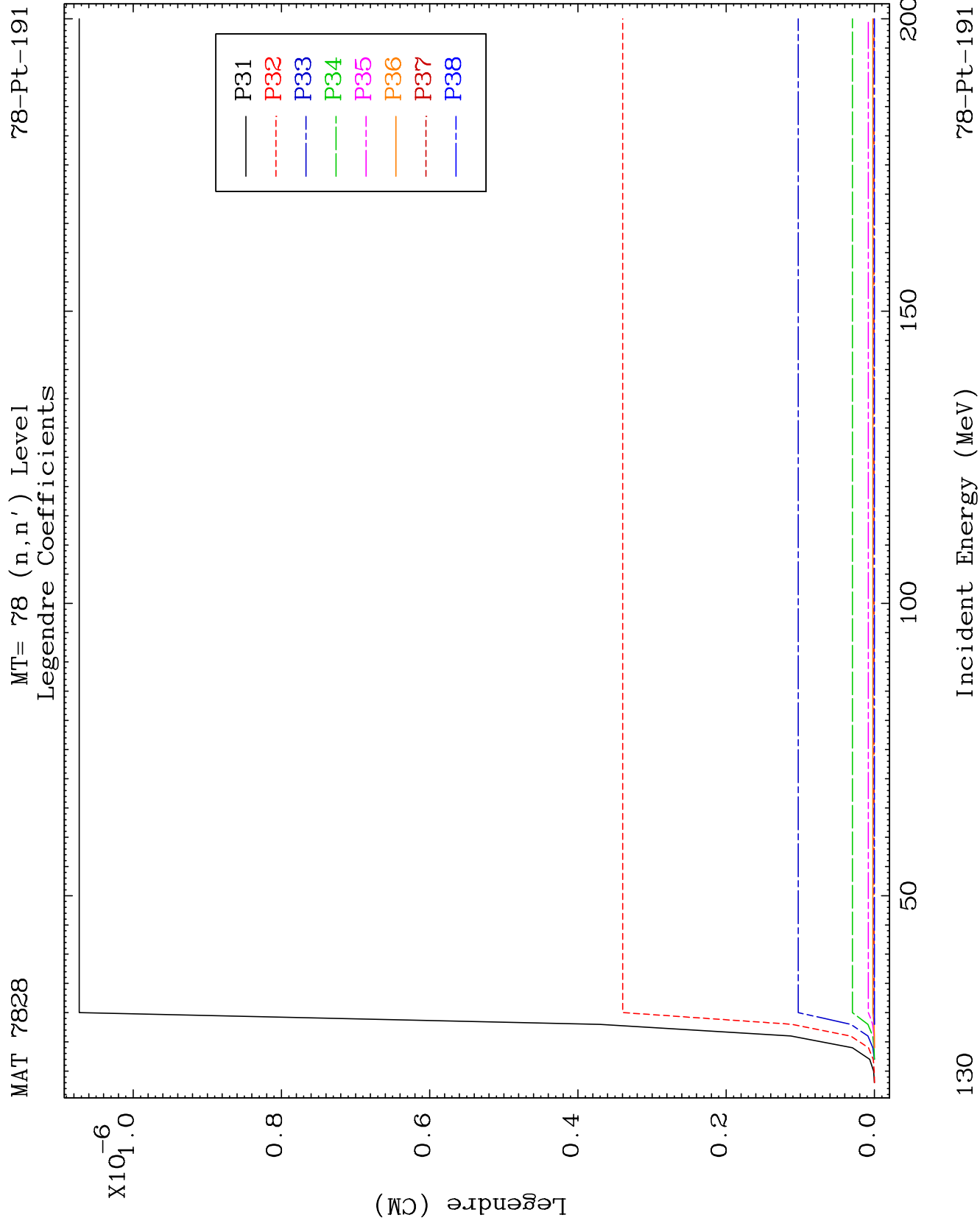


MAT 7828

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

78-Pt-191

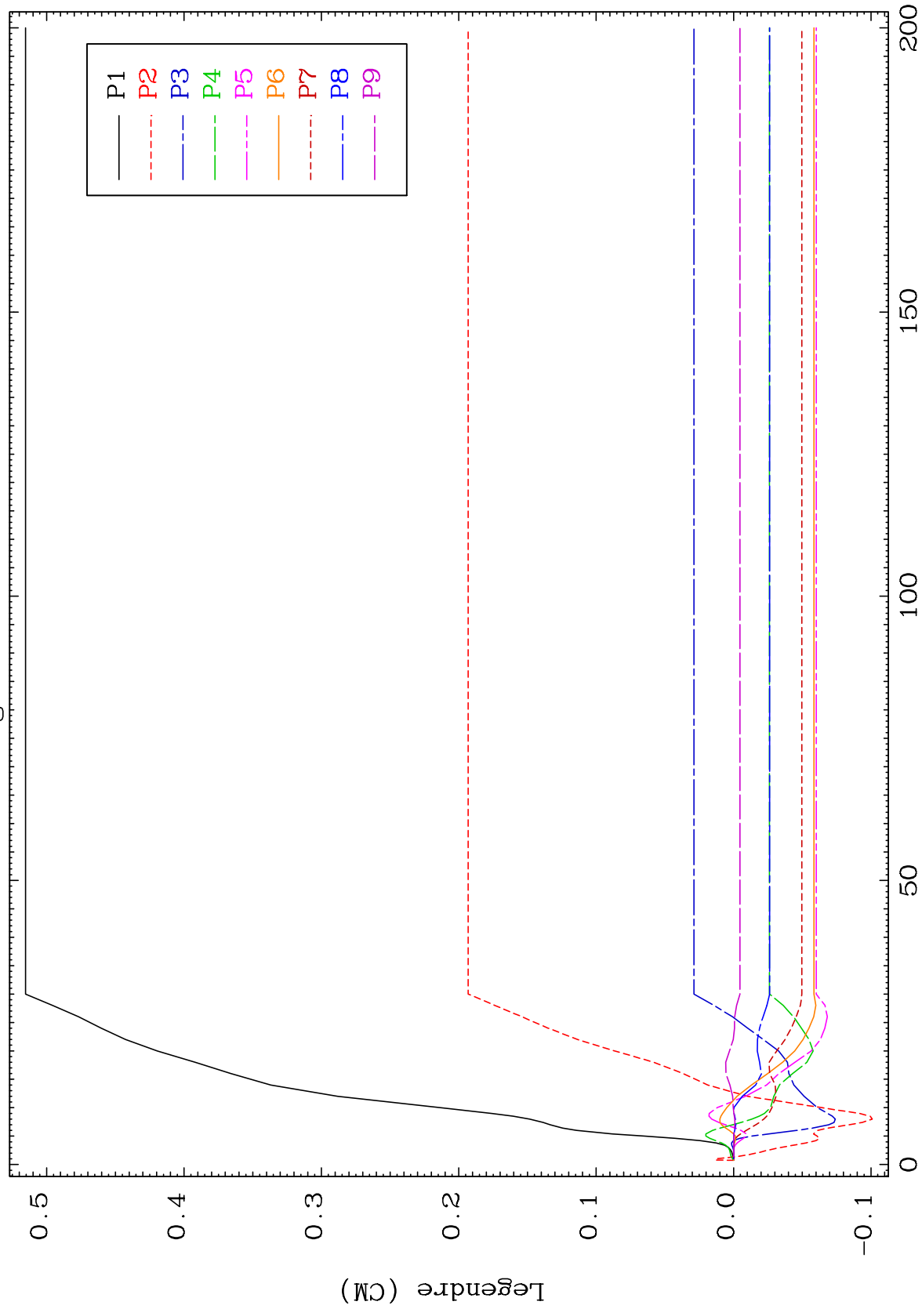




MAT 7828

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

78-Pt-191



131

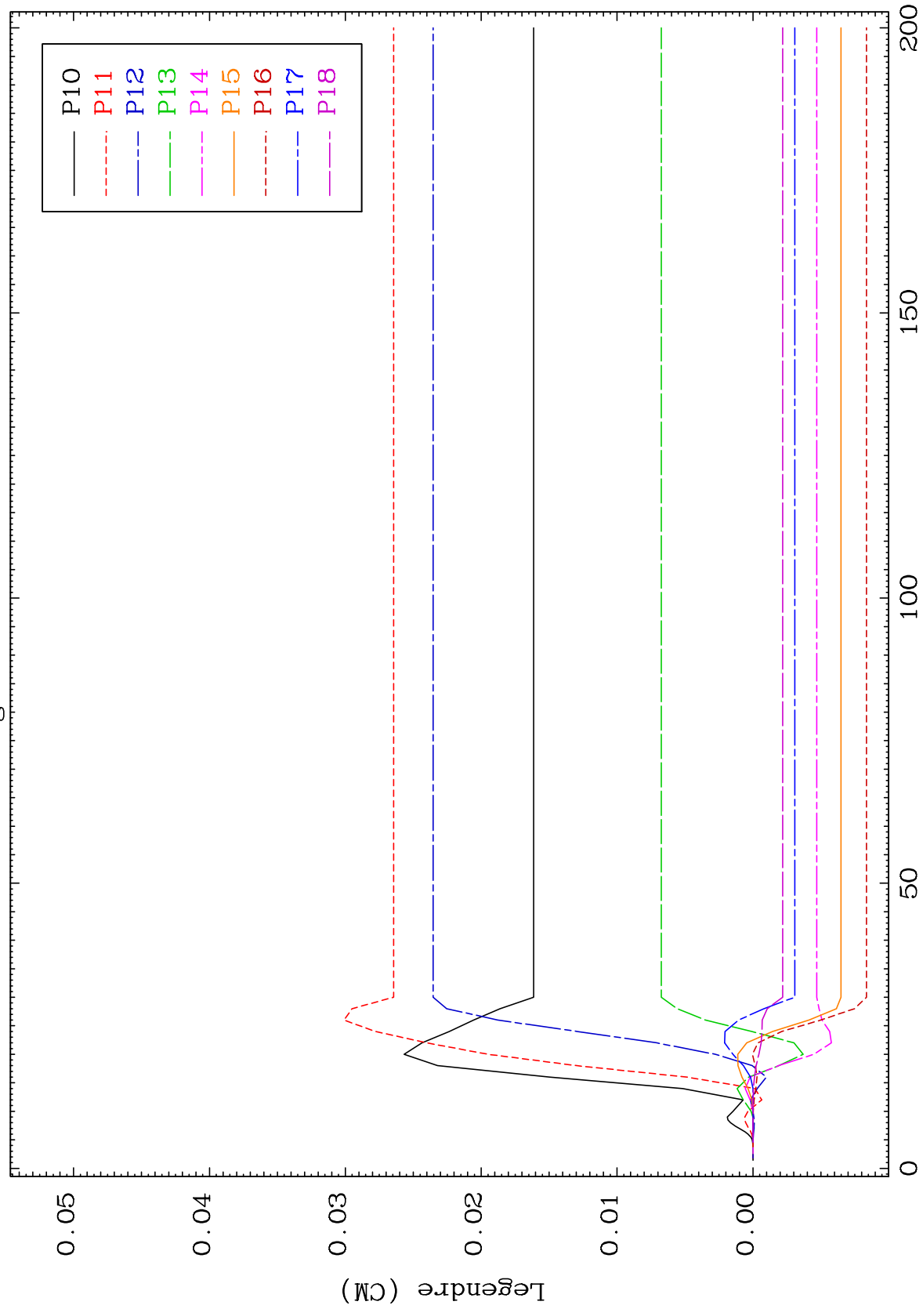
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191



132

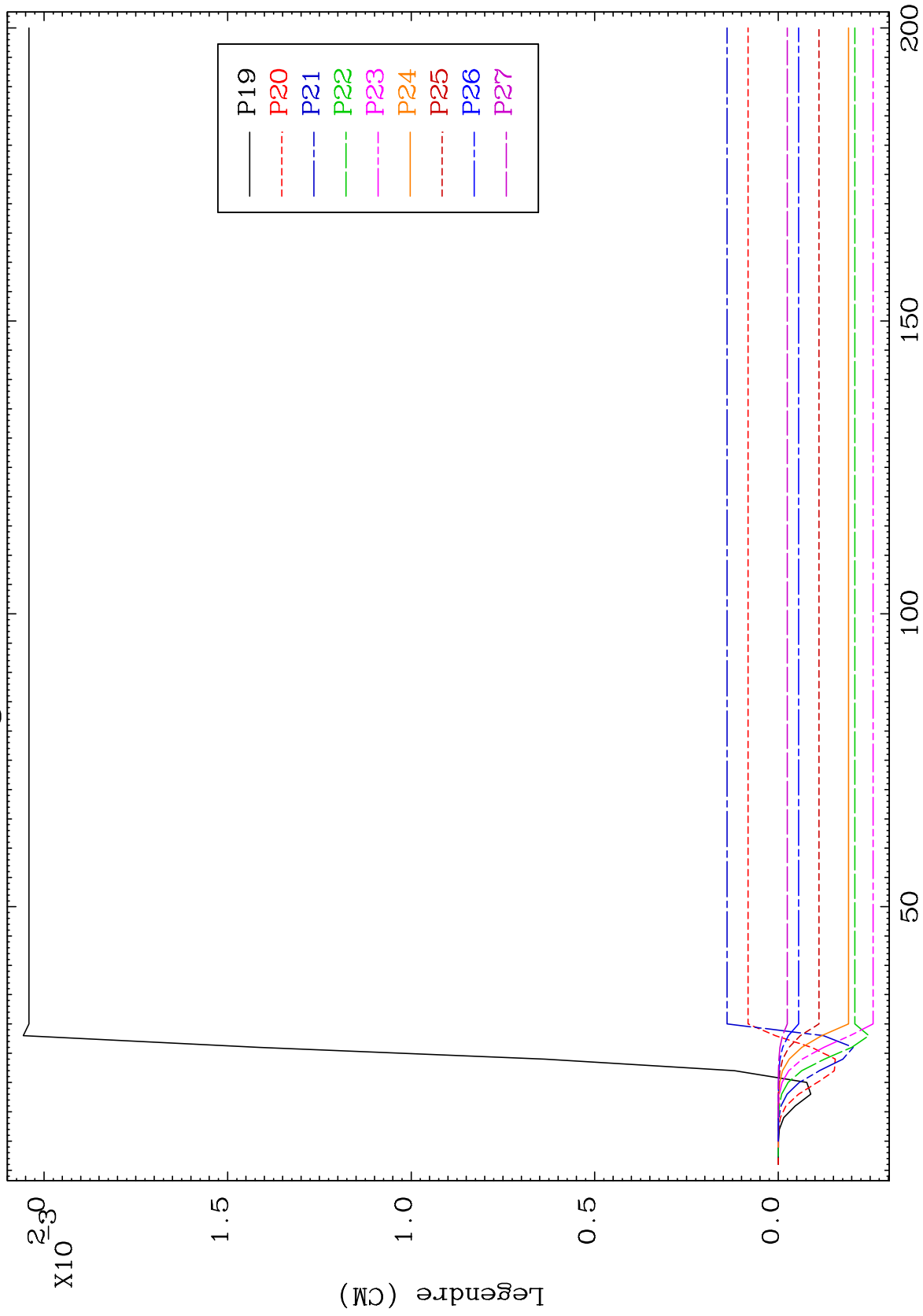
Incident Energy (MeV)

78-Pt-191

MAT 7828

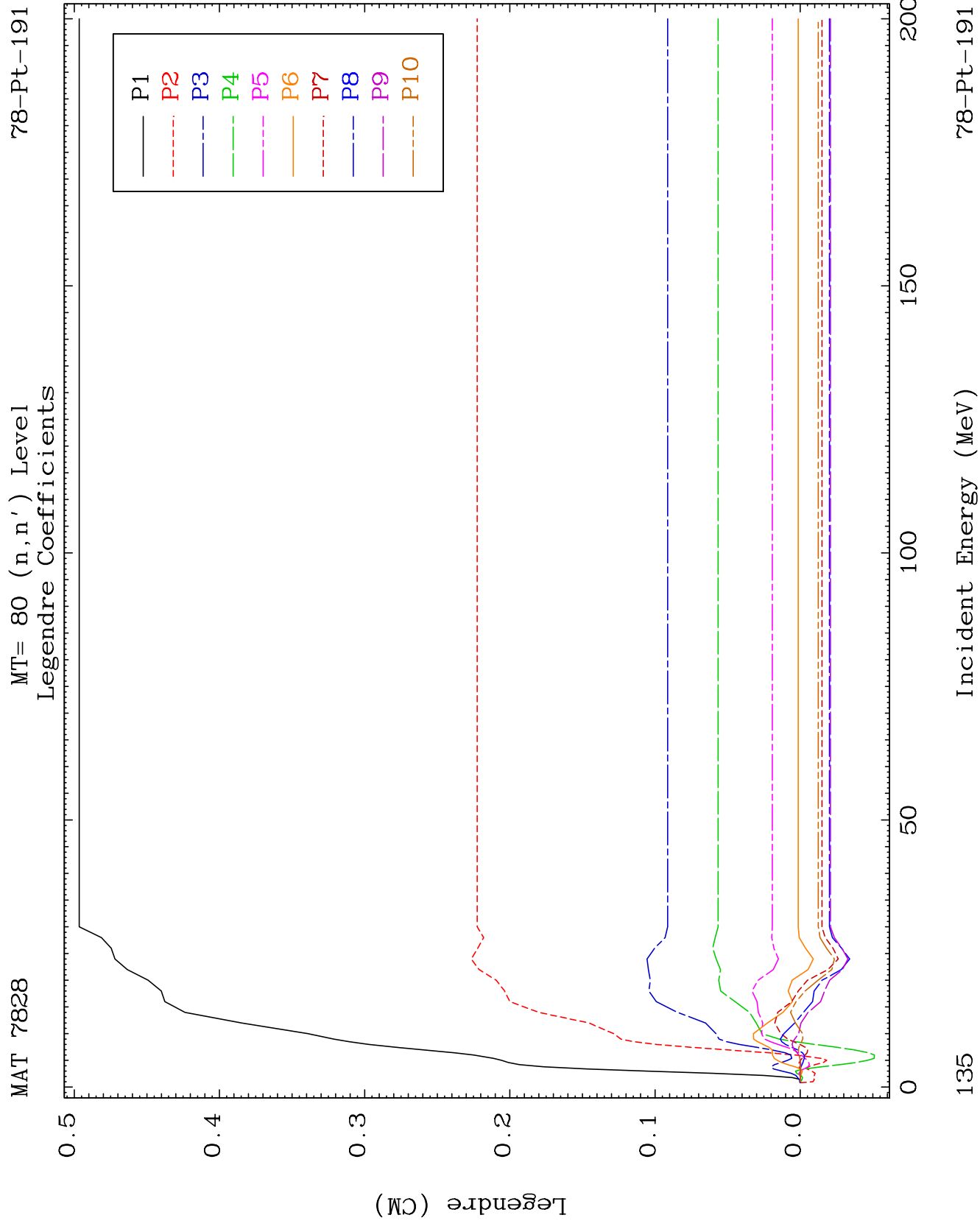
MT= 79 (n,n') Level
Legendre Coefficients

78-Pt-191



133

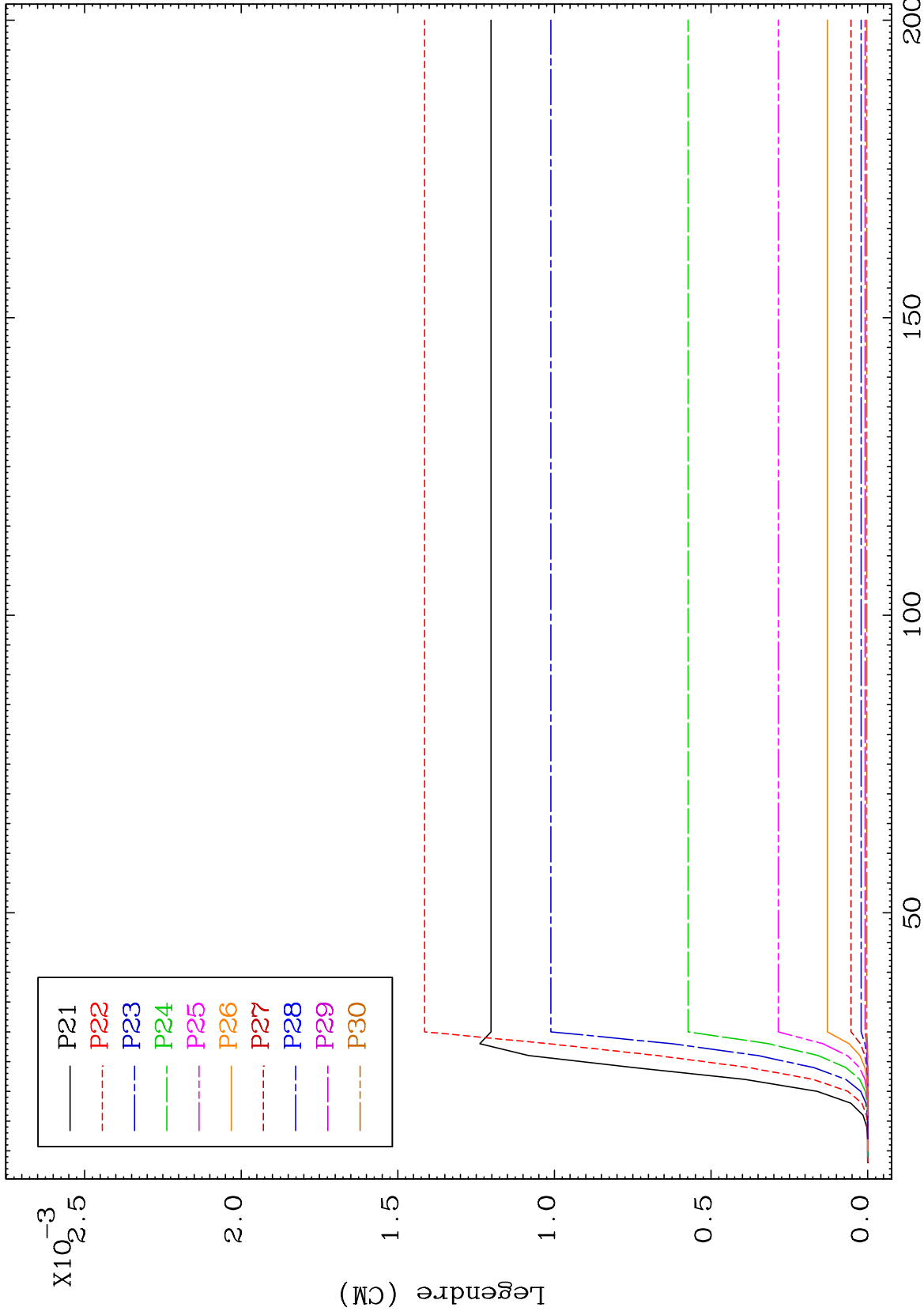
78-Pt-191



MAT 7828

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

78-Pt-191



137

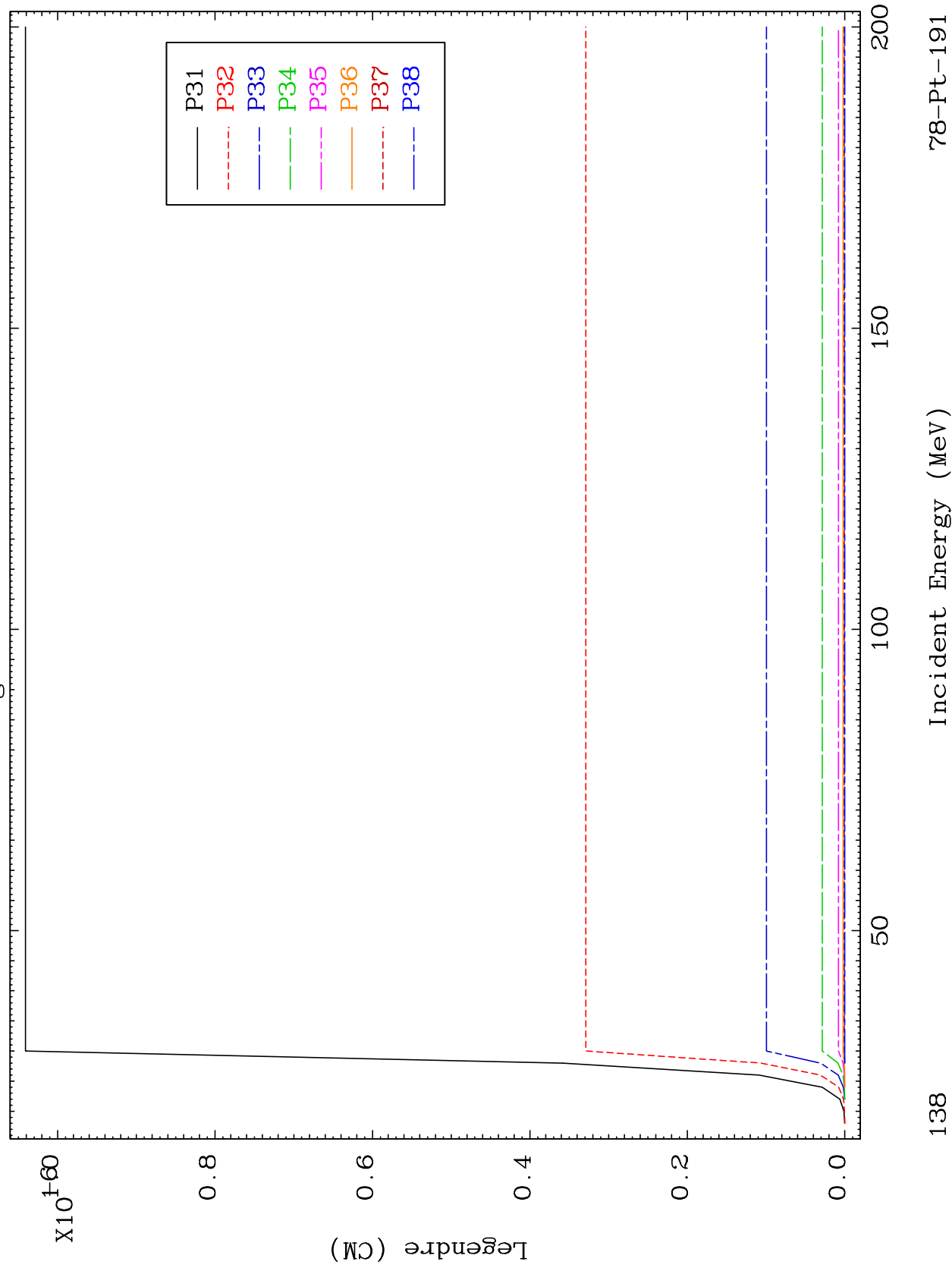
Incident Energy (MeV)

78-Pt-191

MAT 7828

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

78-Pt-191

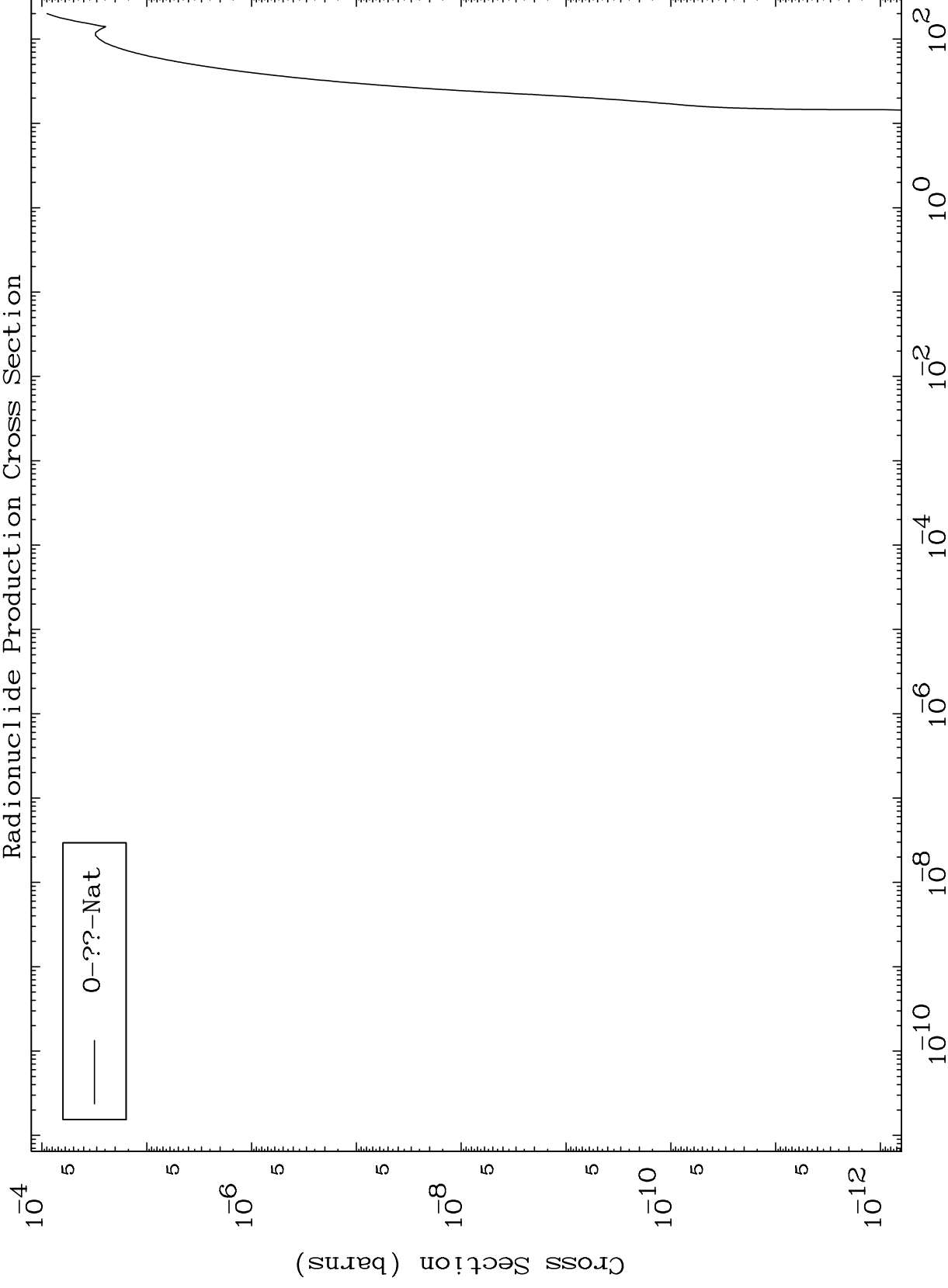


MAT 7828

Fission

⁷⁸Pt-191

Radionuclide Production Cross Section



139

Incident Energy (MeV)

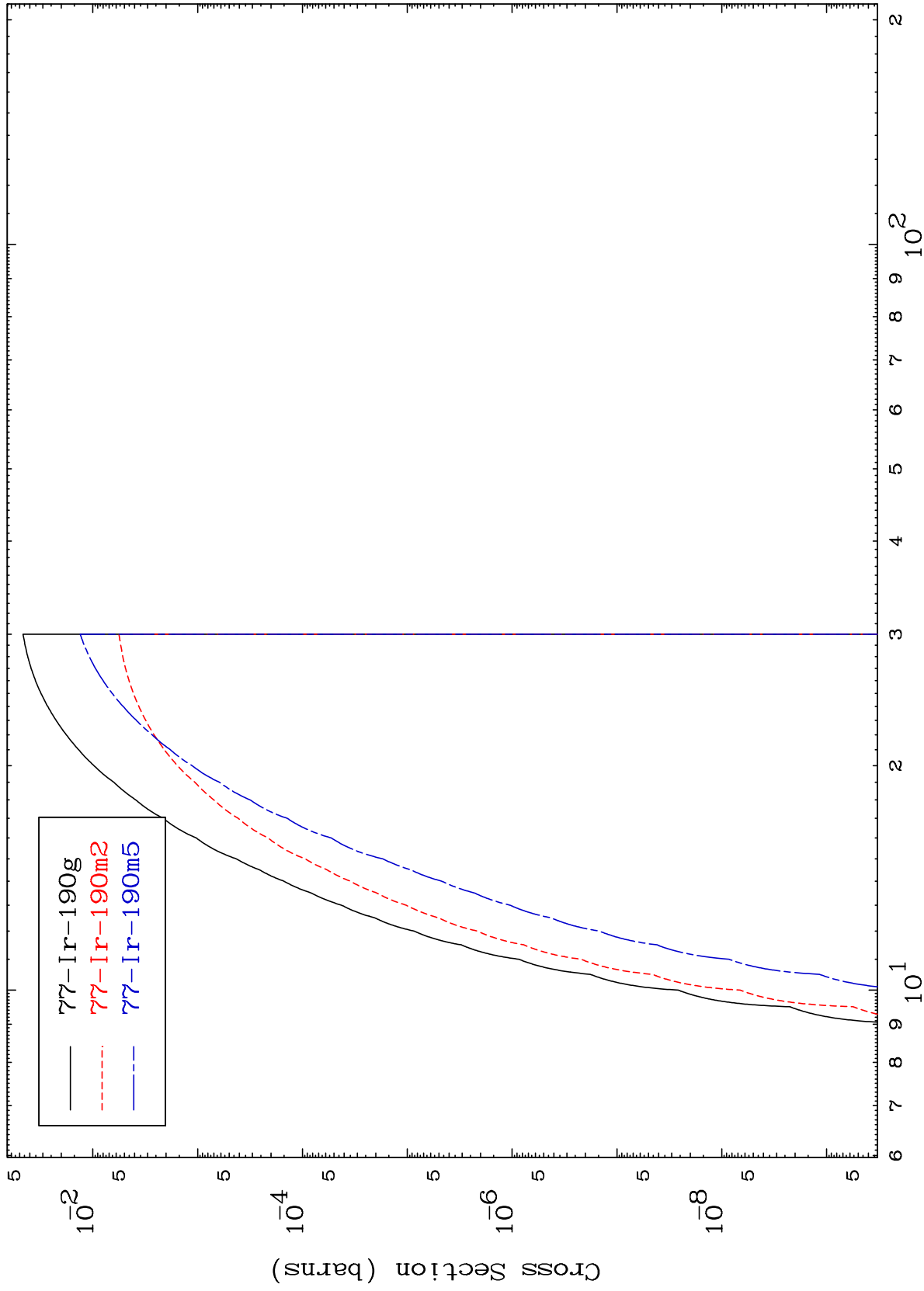
⁷⁸Pt-191

MAT 7828

(n,n') p

⁷⁸Pt-191

Radionuclide Production Cross Section



140

Incident Energy (MeV)

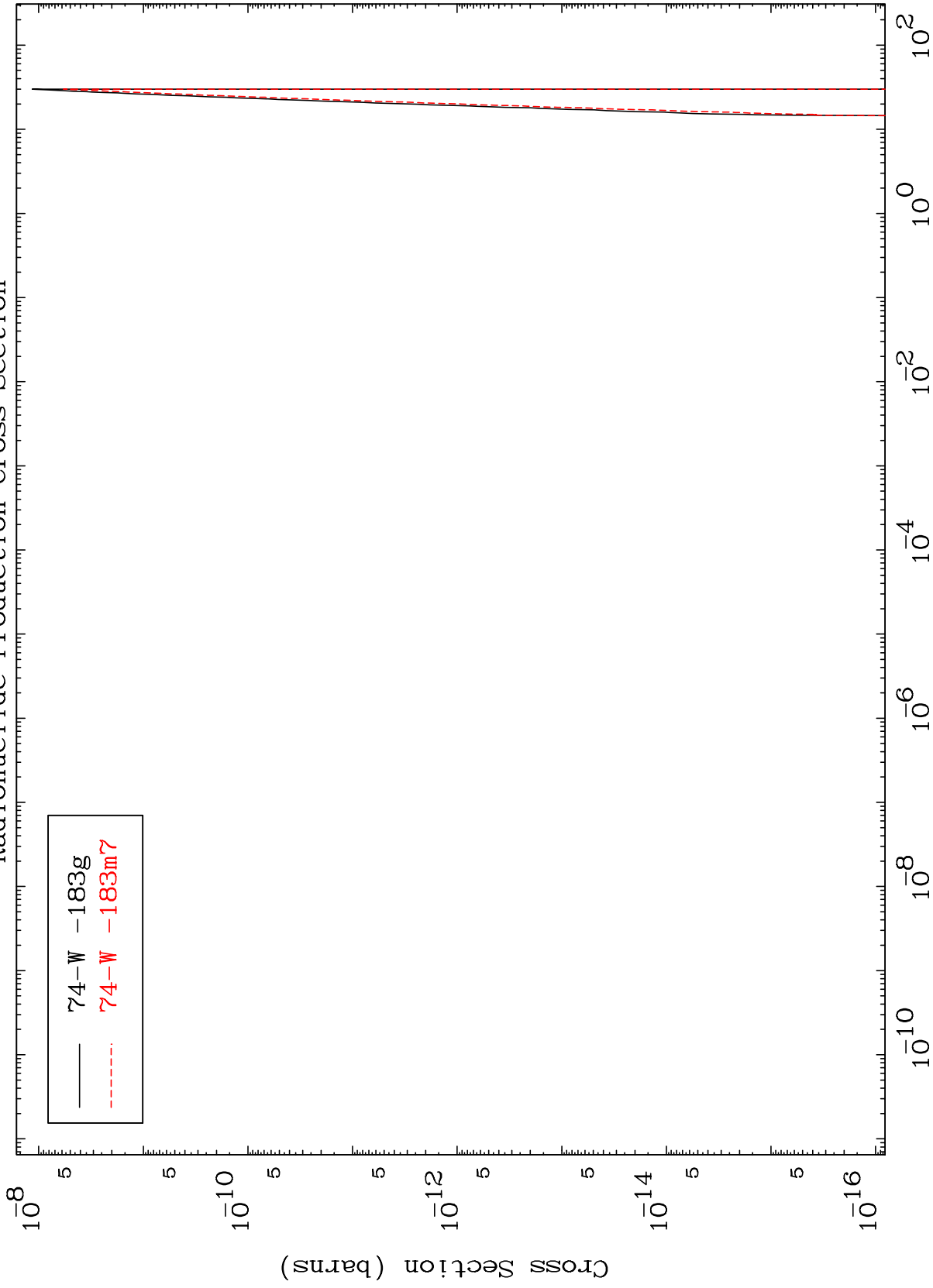
⁷⁸Pt-191

MAT 7828

(n,n') 2 α

⁷⁸Pt-191

Radionuclide Production Cross Section



141

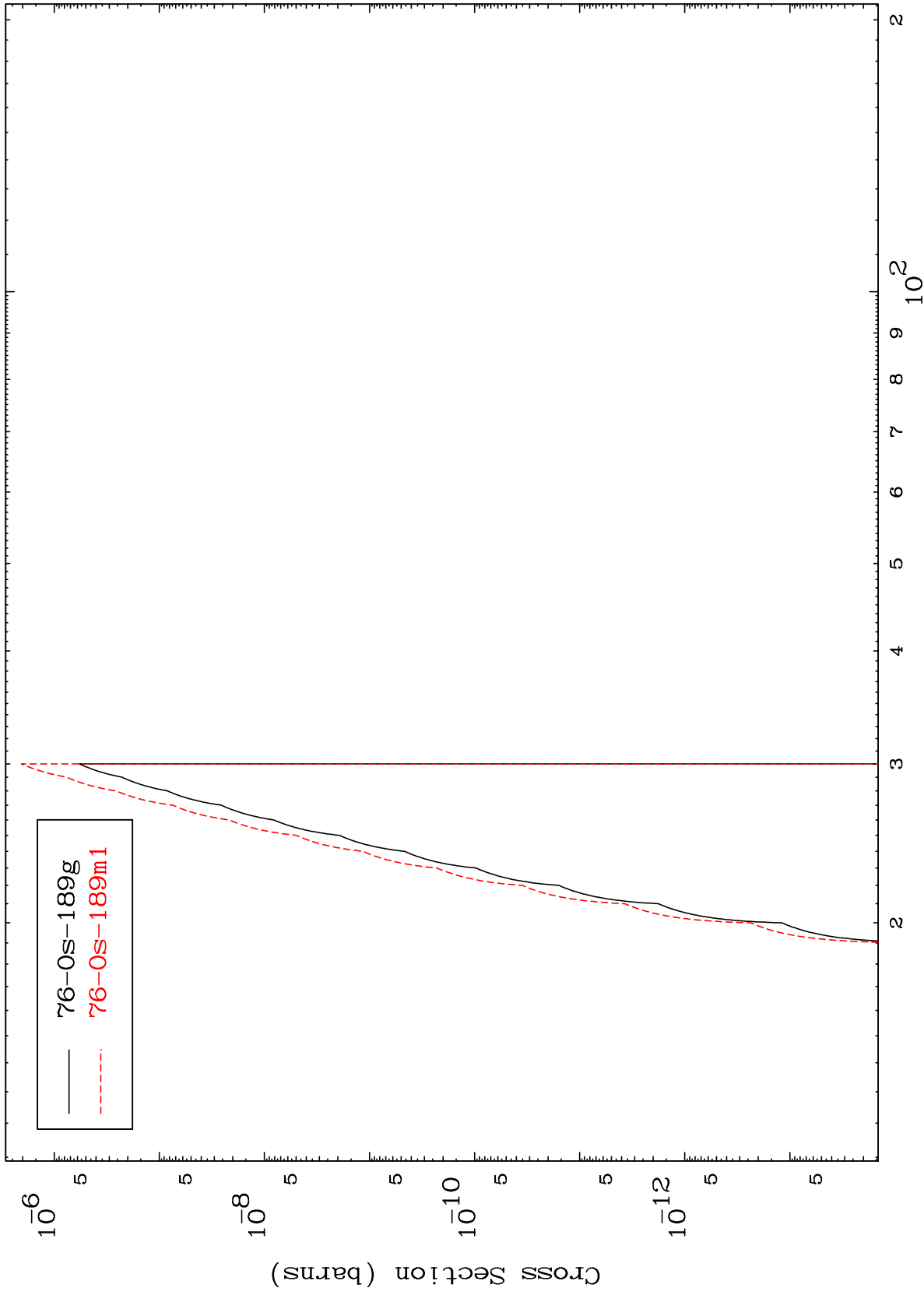
Incident Energy (MeV)

⁷⁸Pt-191

MAT 7828

78-Pt-191

(n,2n) p
Radionuclide Production Cross Section



142

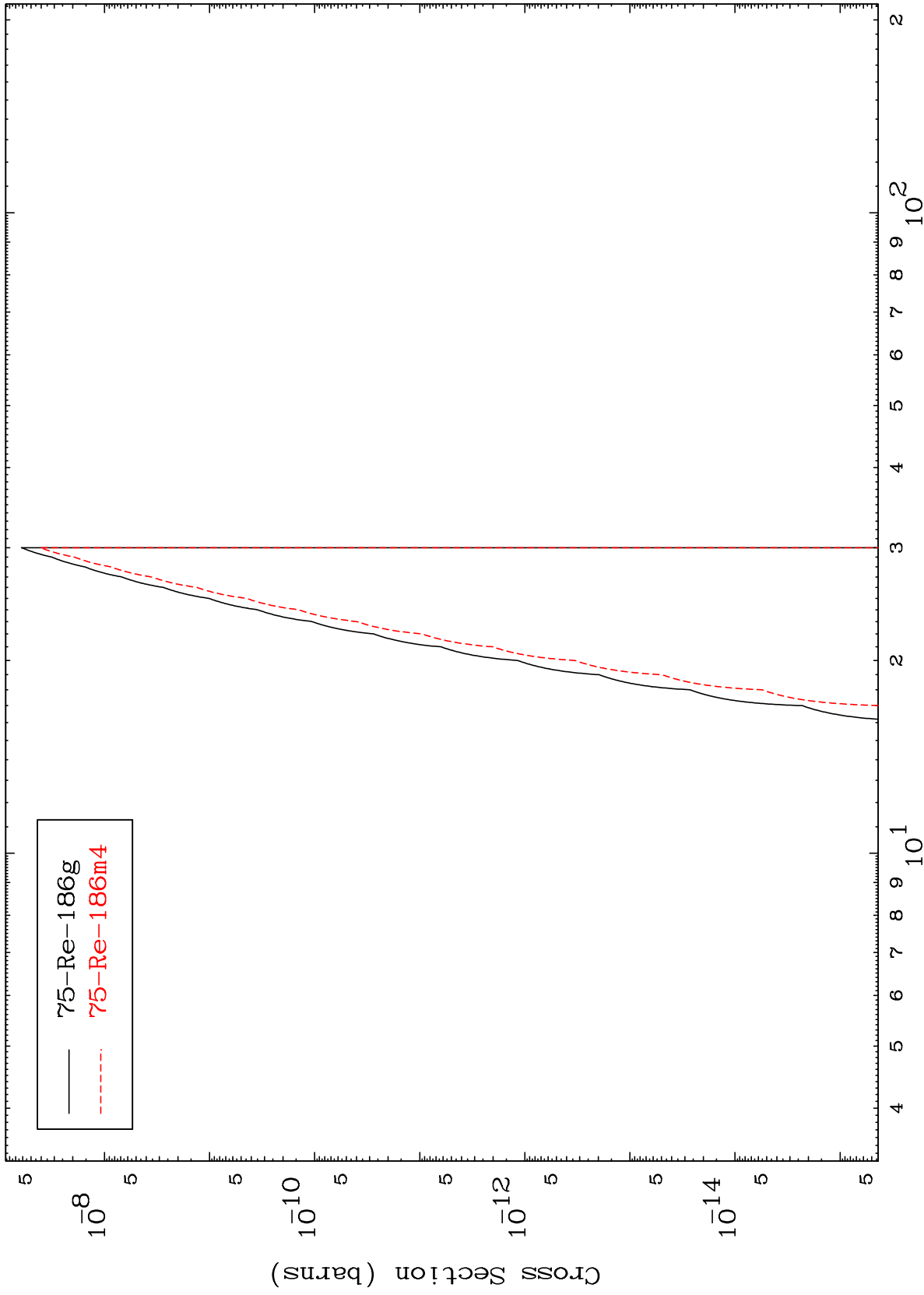
Incident Energy (MeV)

78-Pt-191

MAT 7828

78-Pt-191

(n,n') p α
Radionuclide Production Cross Section



143

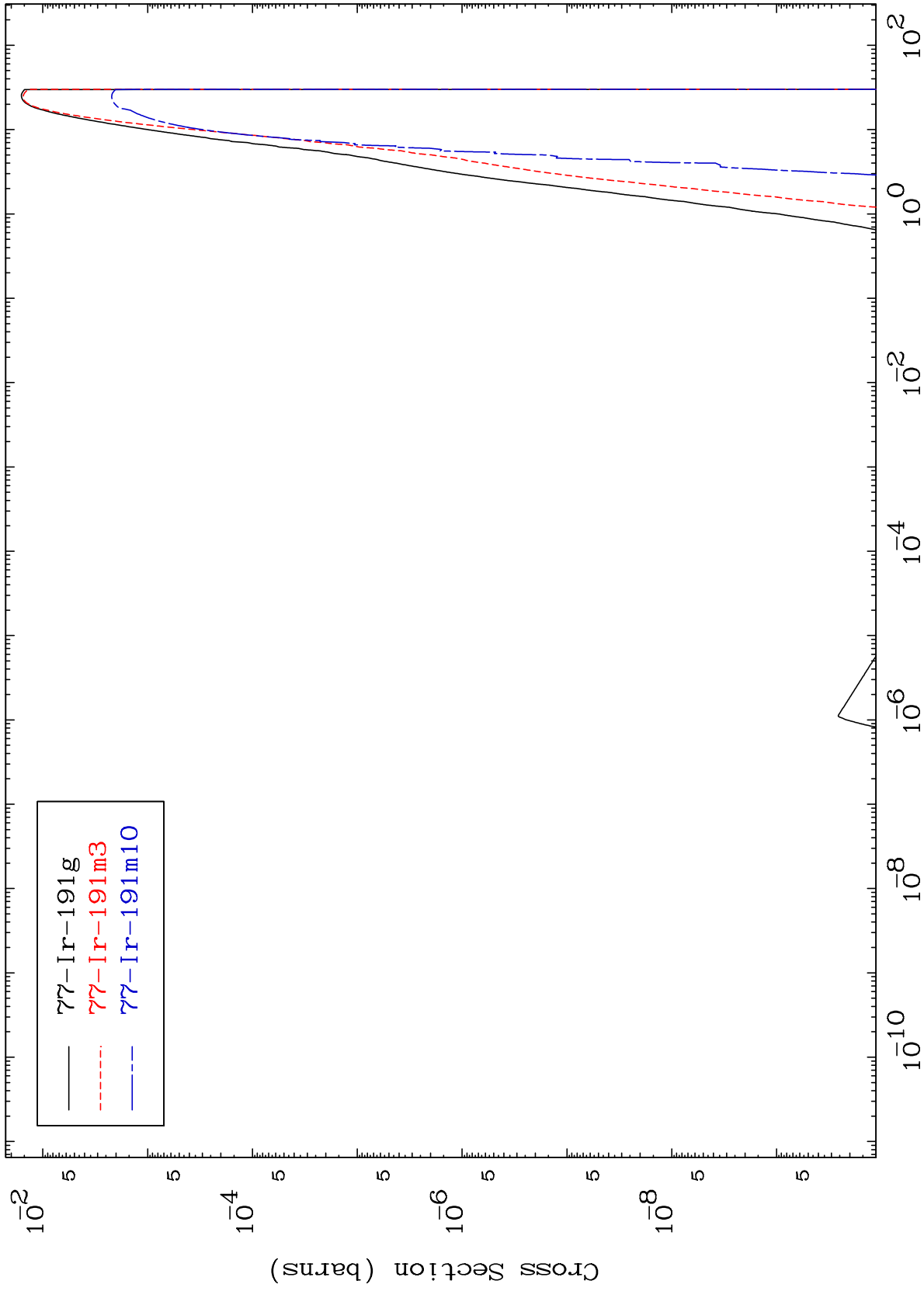
Incident Energy (MeV)

78-Pt-191

MAT 7828

(n,p)
Radionuclide Production Cross Section

78-Pt-191



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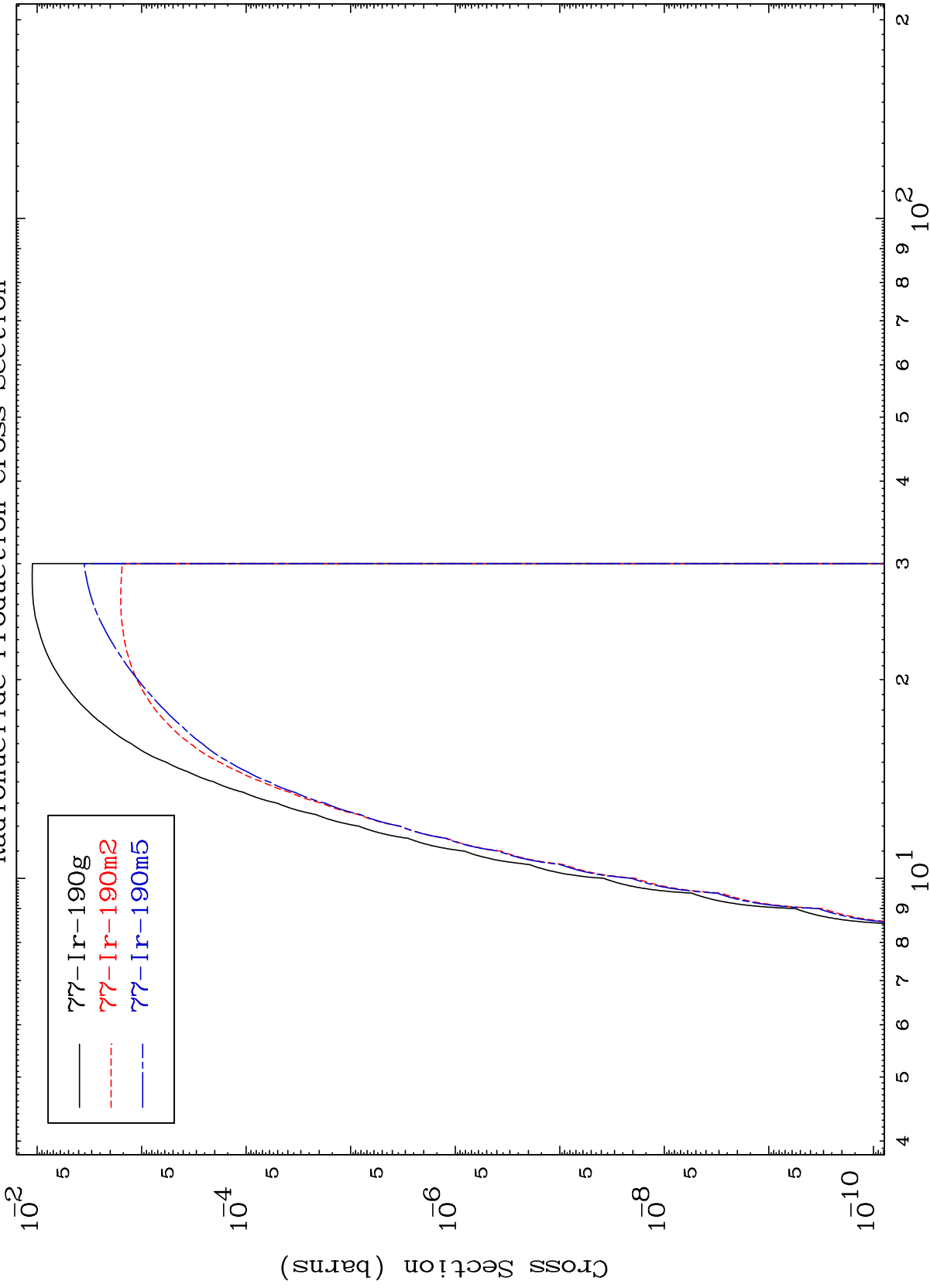
Incident Energy (MeV)

78-Pt-191

MAT 7828

78-Pt-191

Radionuclide Production Cross Section



145

Incident Energy (MeV)

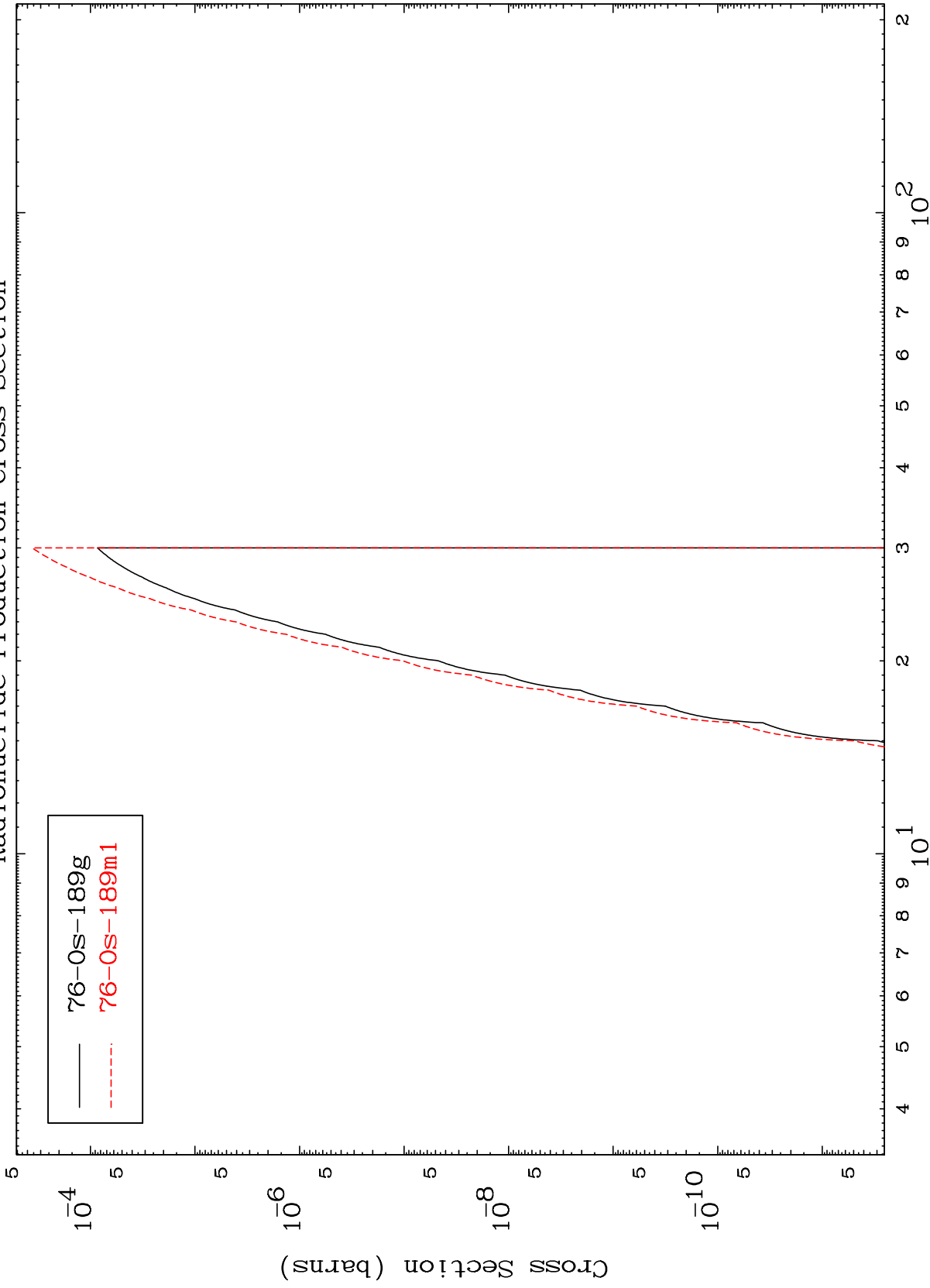
78-Pt-191

MAT 7828

(n,He-3)

78-Pt-191

Radionuclide Production Cross Section



146

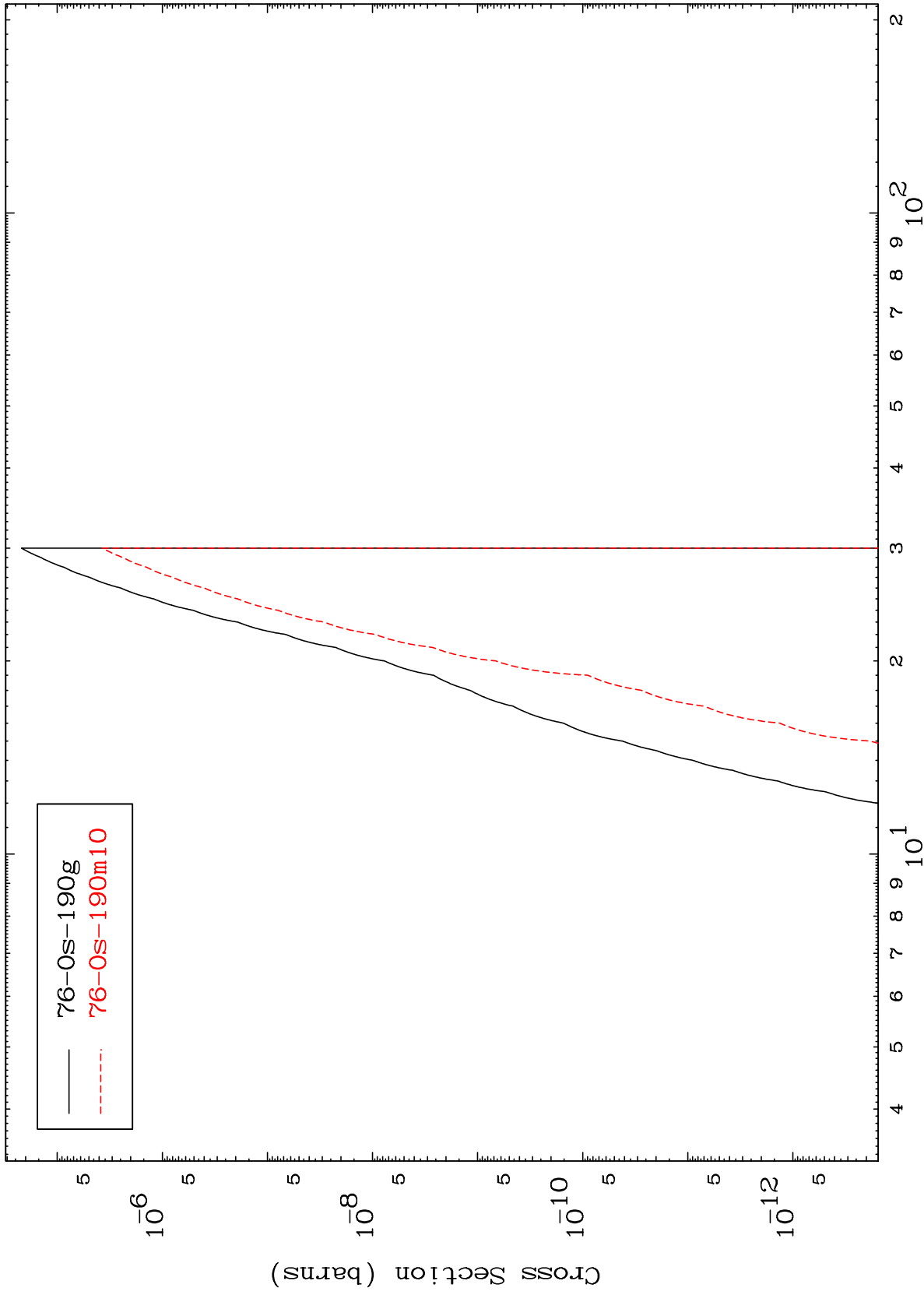
Incident Energy (MeV)

78-Pt-191

MAT 7828

Radionuclide Production Cross Section
(n,2p)

⁷⁸Pt-191



147

Incident Energy (MeV)

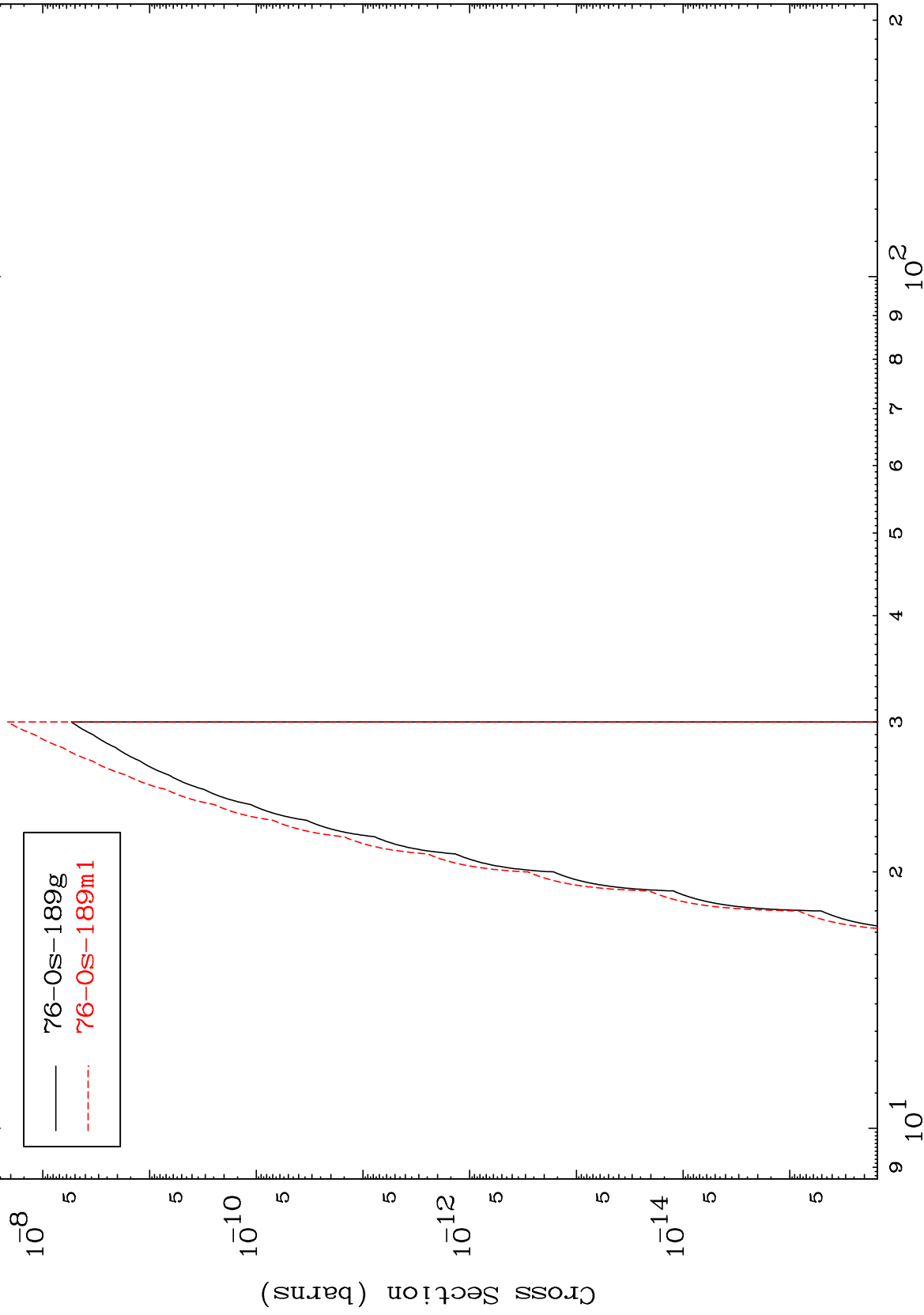
⁷⁸Pt-191

MAT 7828

(n,p) d

⁷⁸Pt-191

Radionuclide Production Cross Section



148

Incident Energy (MeV)

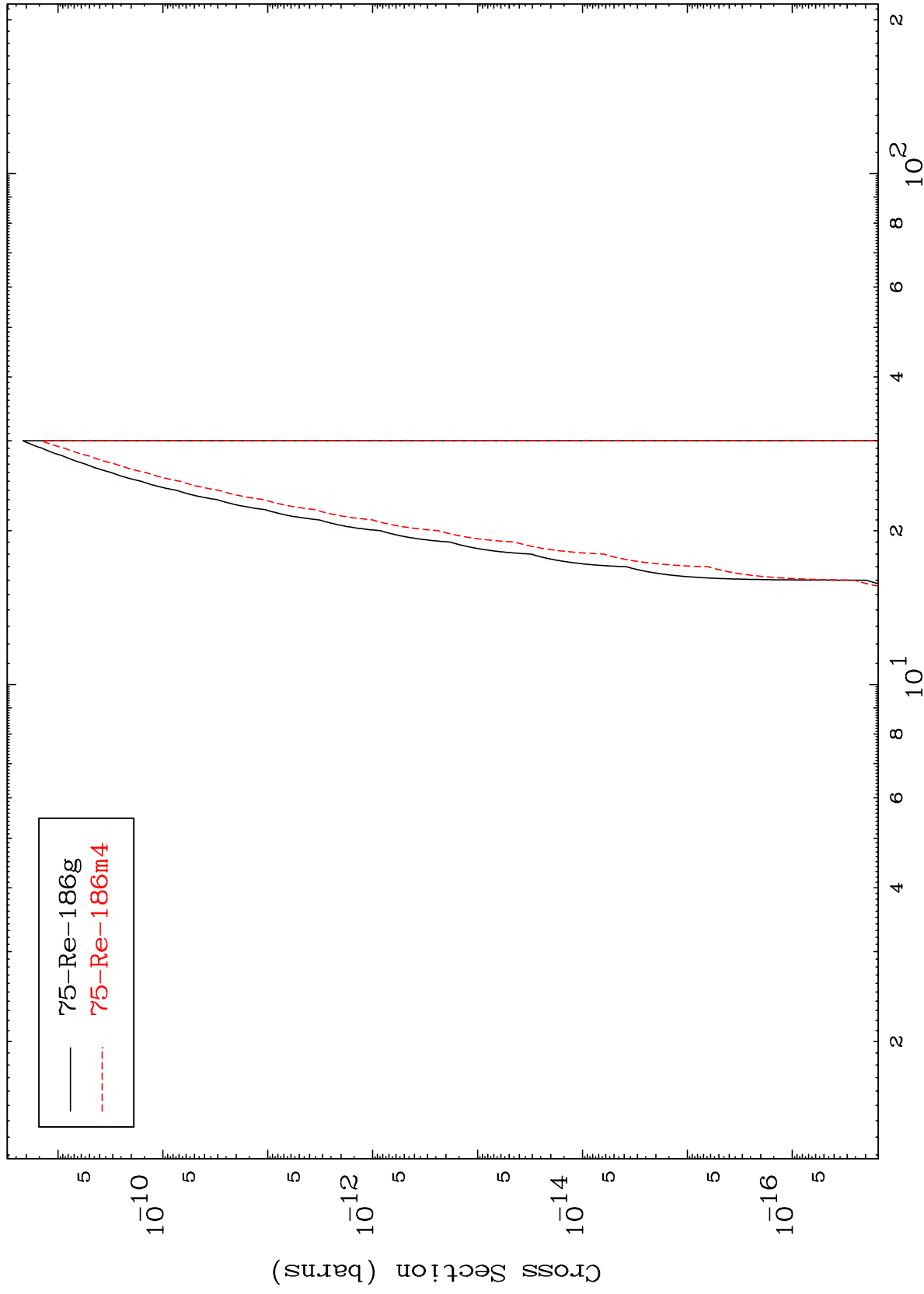
⁷⁸Pt-191

MAT 7828

(n,d) α

78-Pt-191

Radionuclide Production Cross Section



149

Incident Energy (MeV)

78-Pt-191