

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

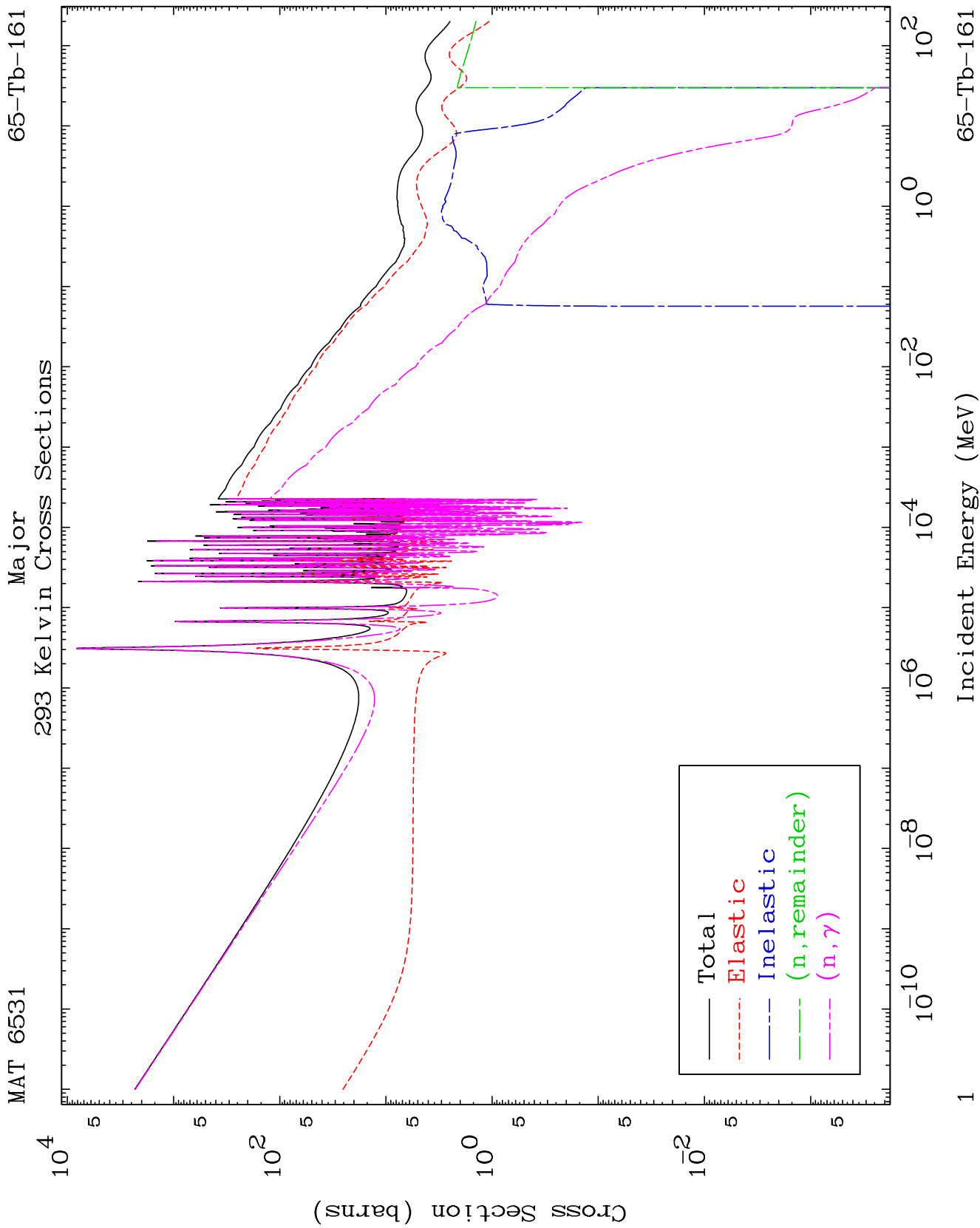
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

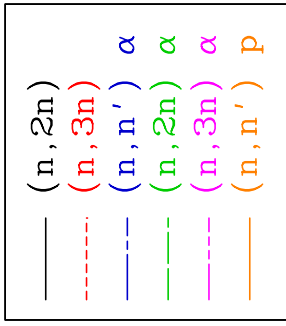
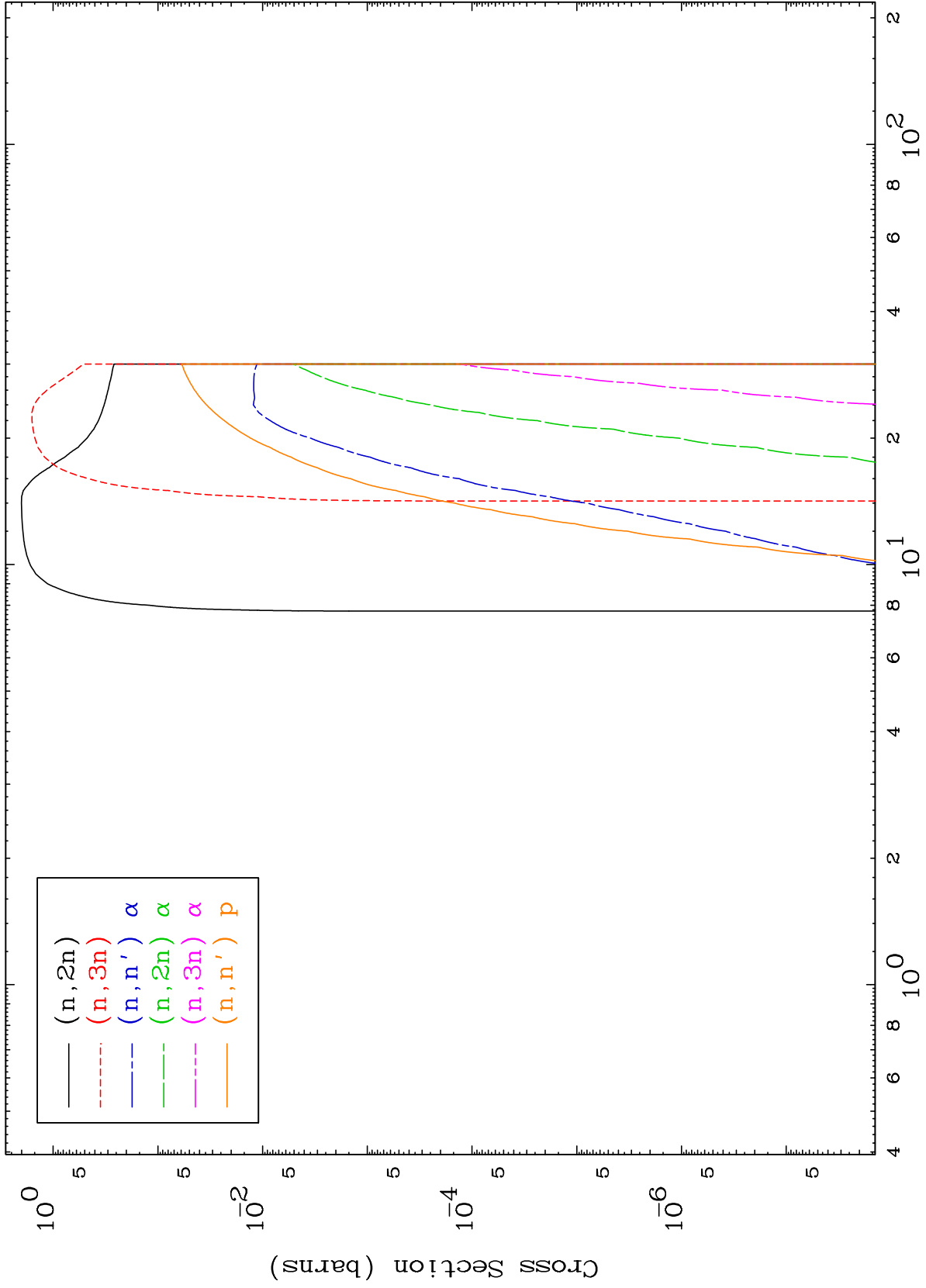
Press Mouse Button to Start



MAT 6531

Neutron Production
293 Kelvin Cross Sections

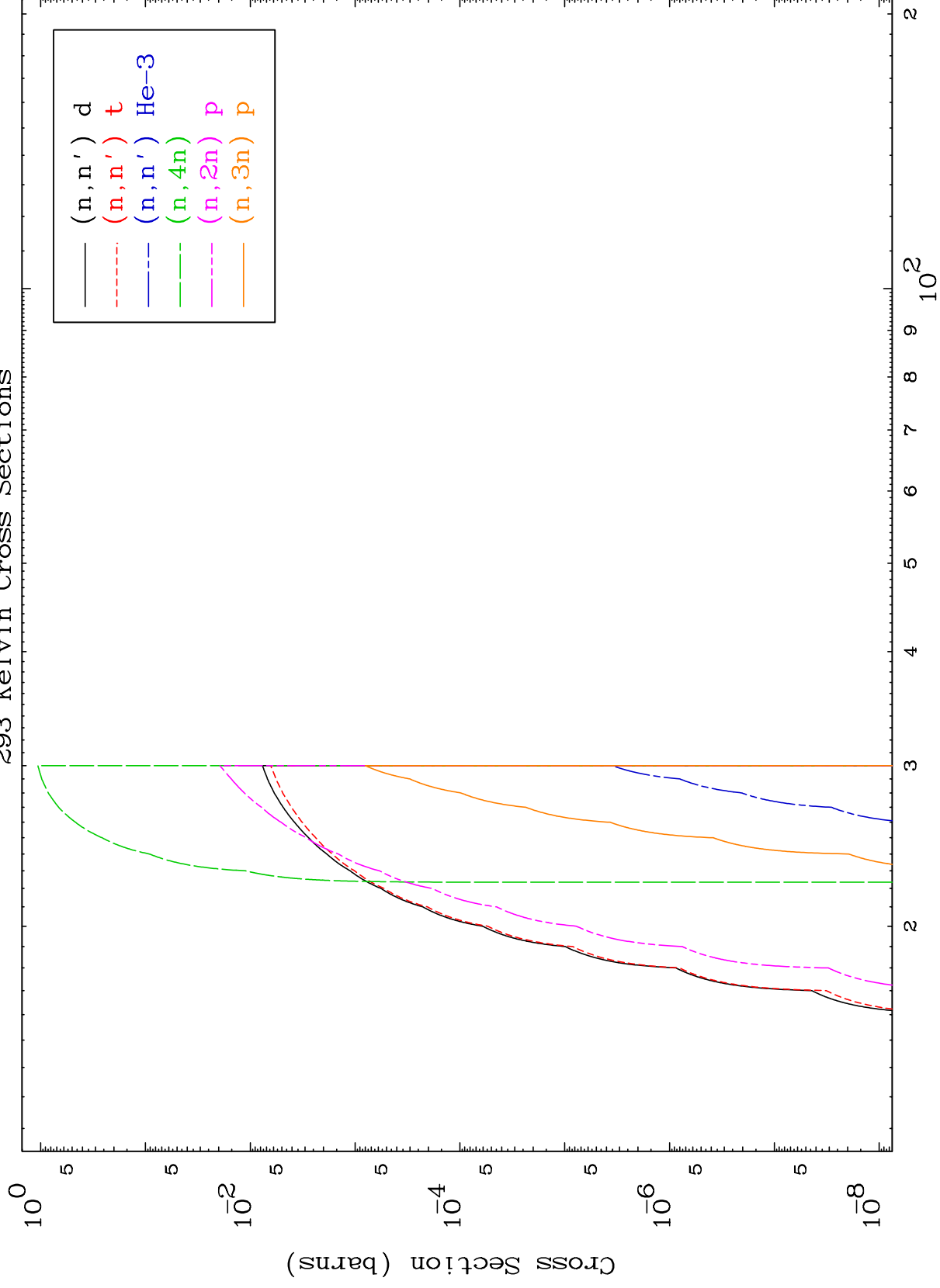
65-Tb-161



2

Incident Energy (MeV)

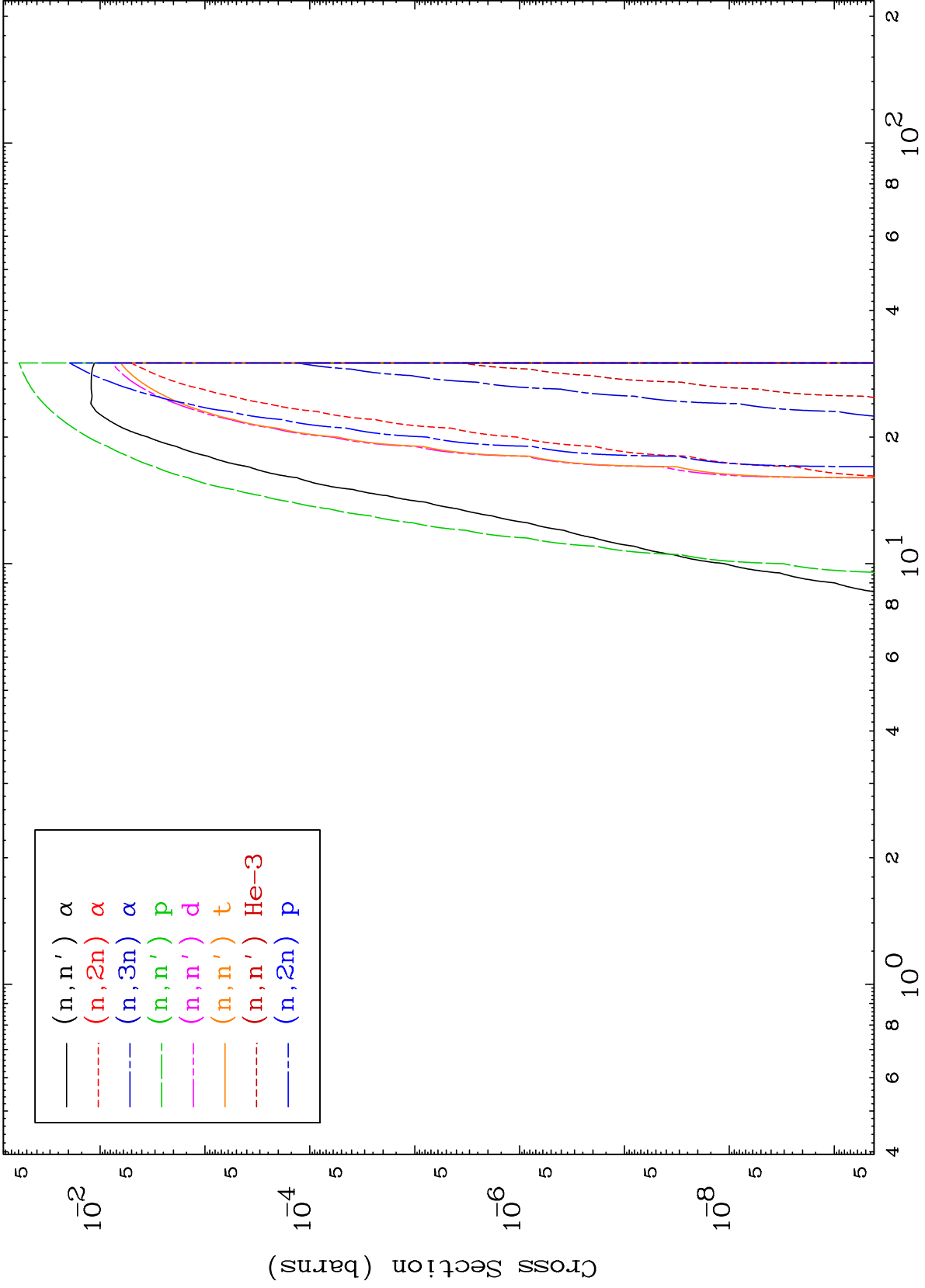
65-Tb-161



MAT 6531

Charged Particle
293 Kelvin Cross Sections

65-Tb-161



4

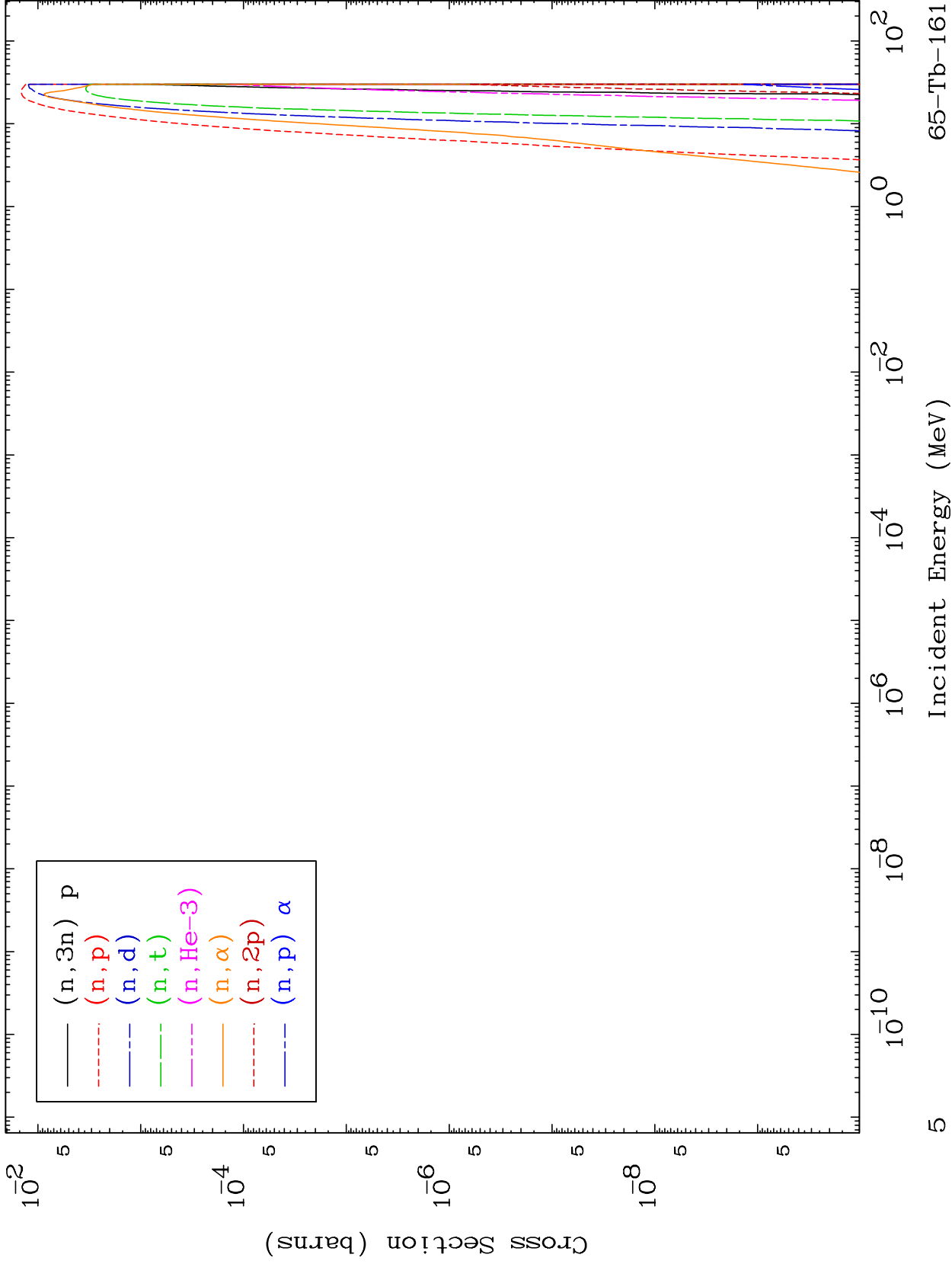
Incident Energy (MeV)

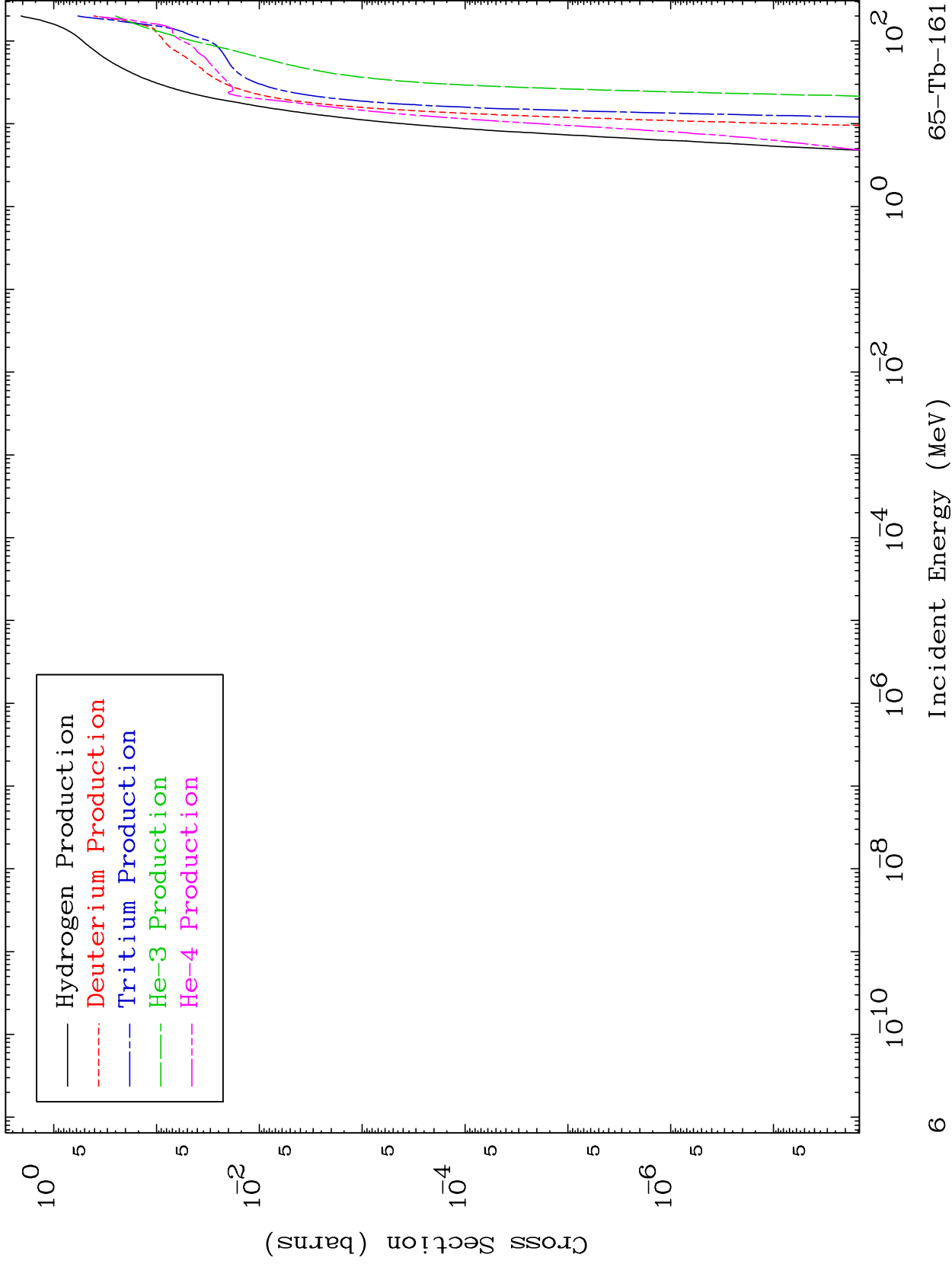
65-Tb-161

MAT 6531

Charged Particle
293 Kelvin Cross Sections

65-Tb-161



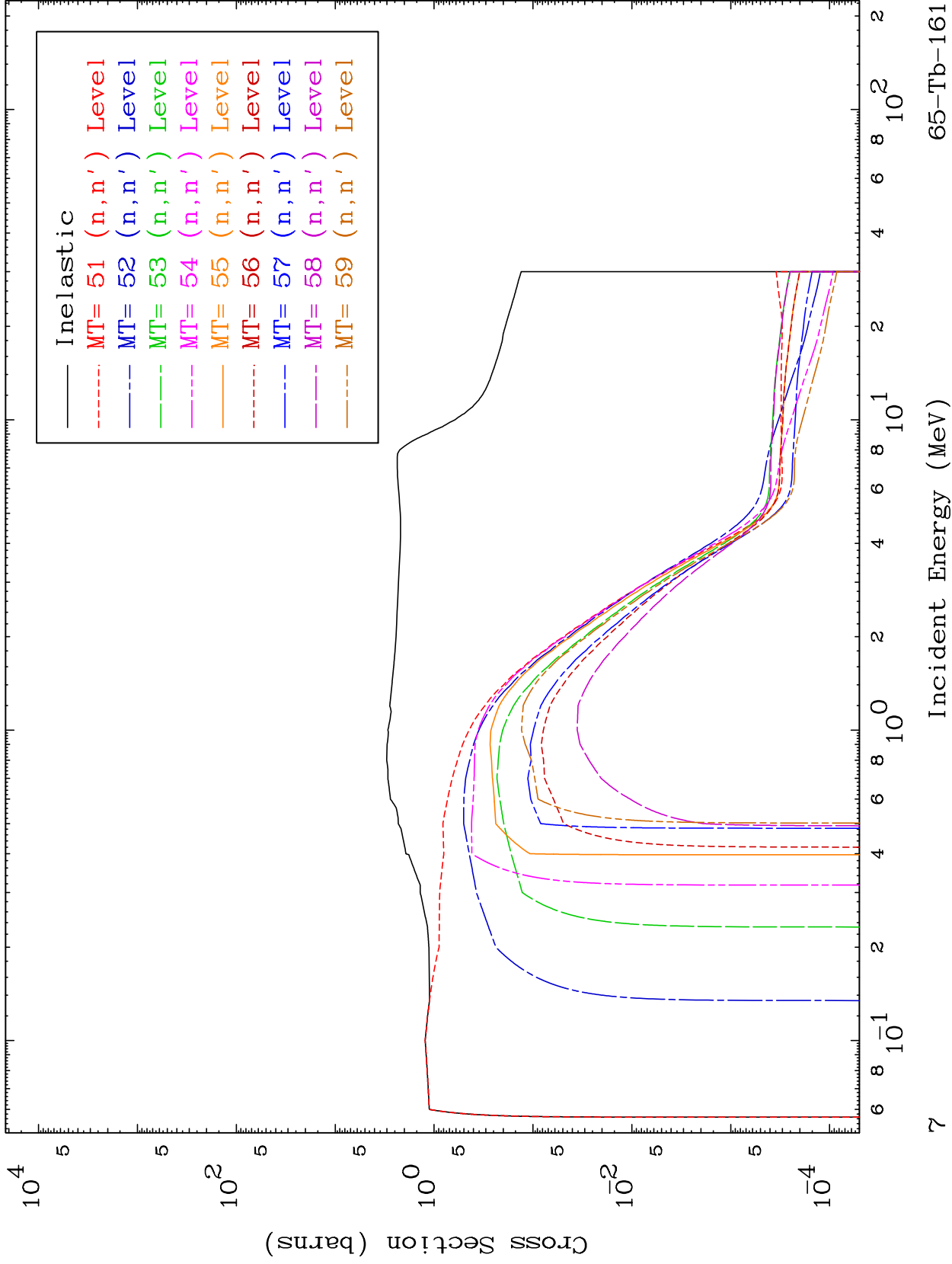


MAT 6531

(n,n') Level

293 Kelvin Cross Sections

65-Tb-161

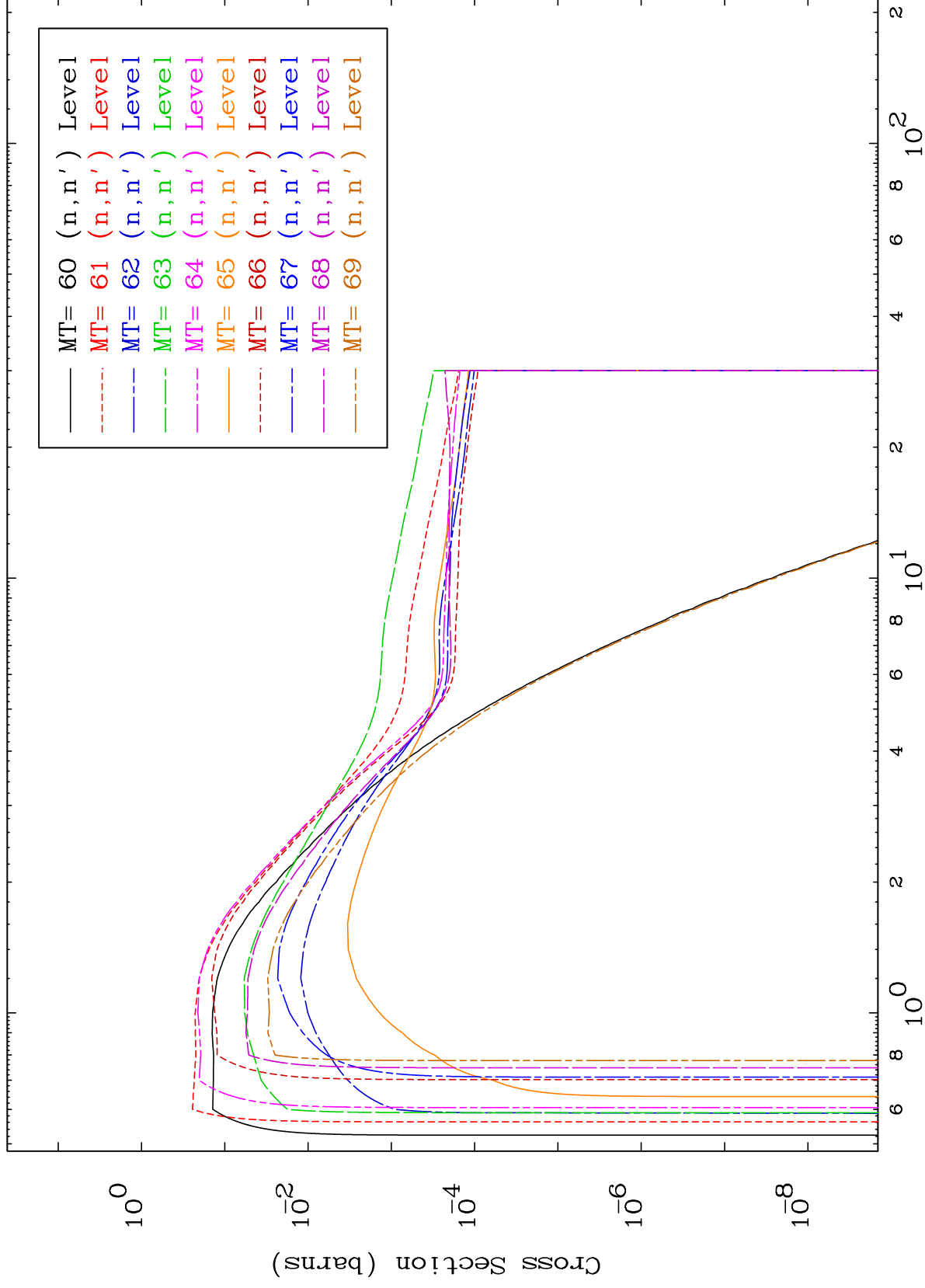


MAT 6531

(n,n') Level

65-Tb-161

293 Kelvin Cross Sections



8

Incident Energy (MeV)

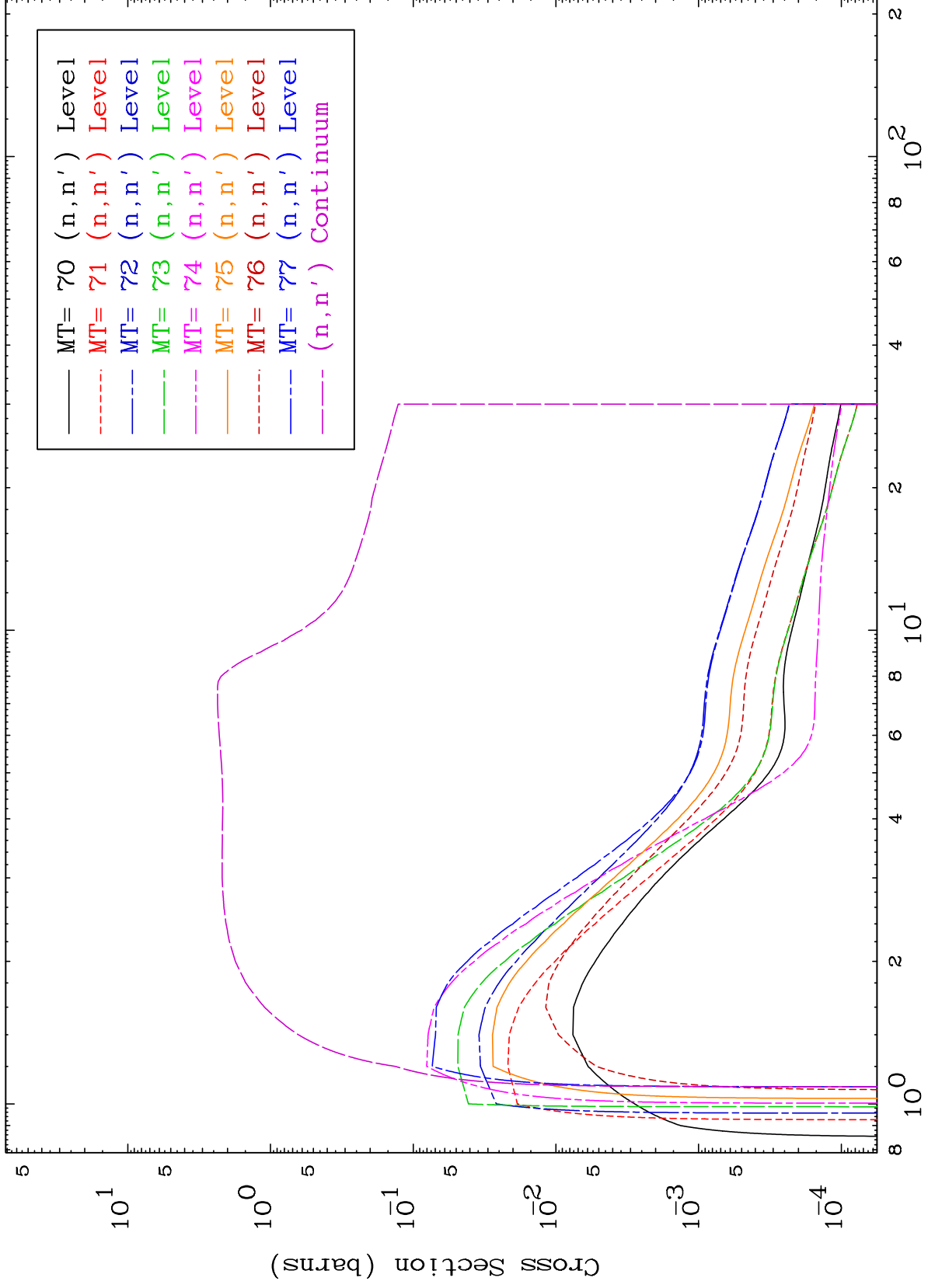
65-Tb-161

MAT 6531

(n,n') Level

65-Tb-161

293 Kelvin Cross Sections



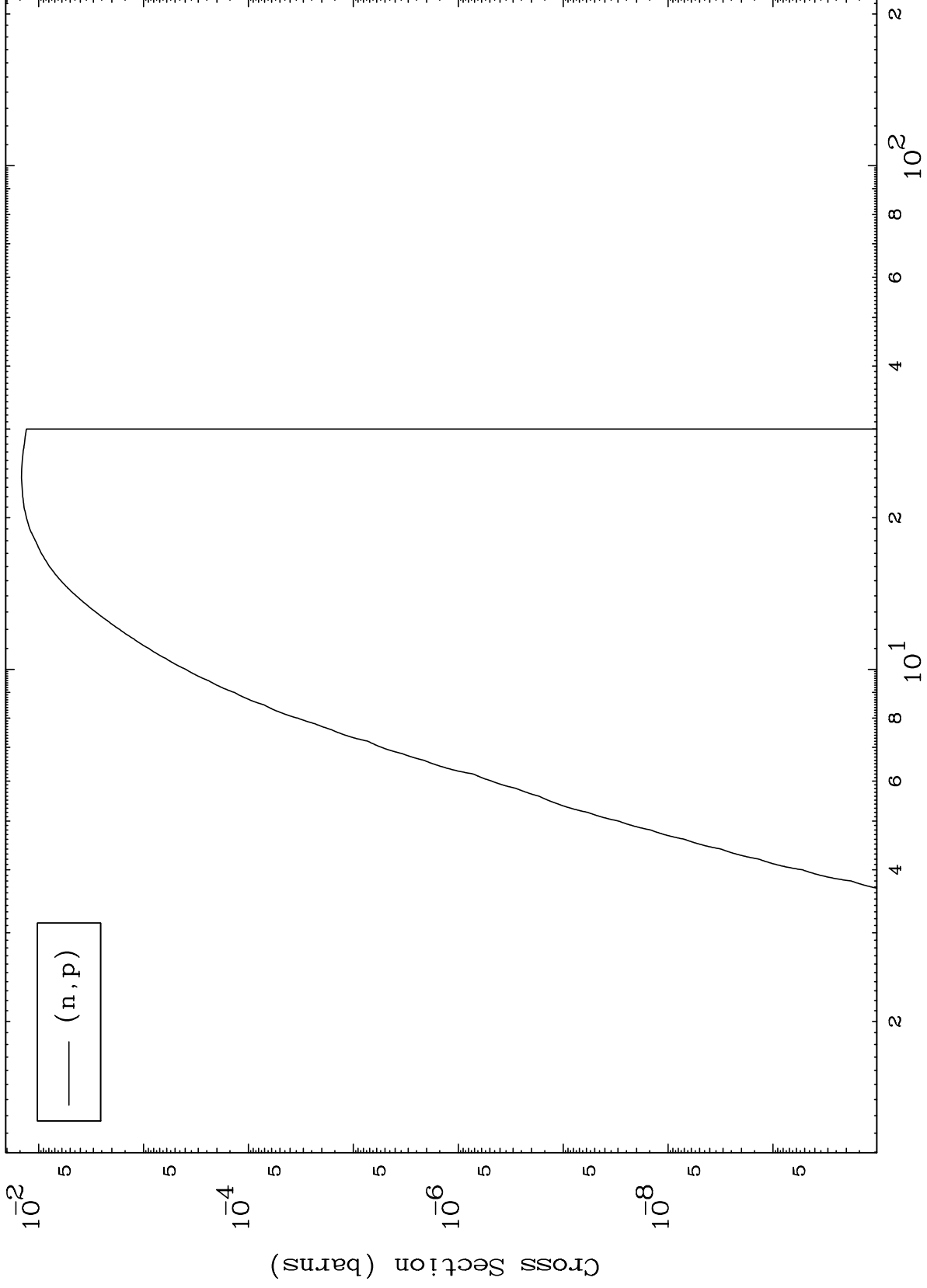
Incident Energy (MeV)

65-Tb-161

MAT 6531

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-161



10

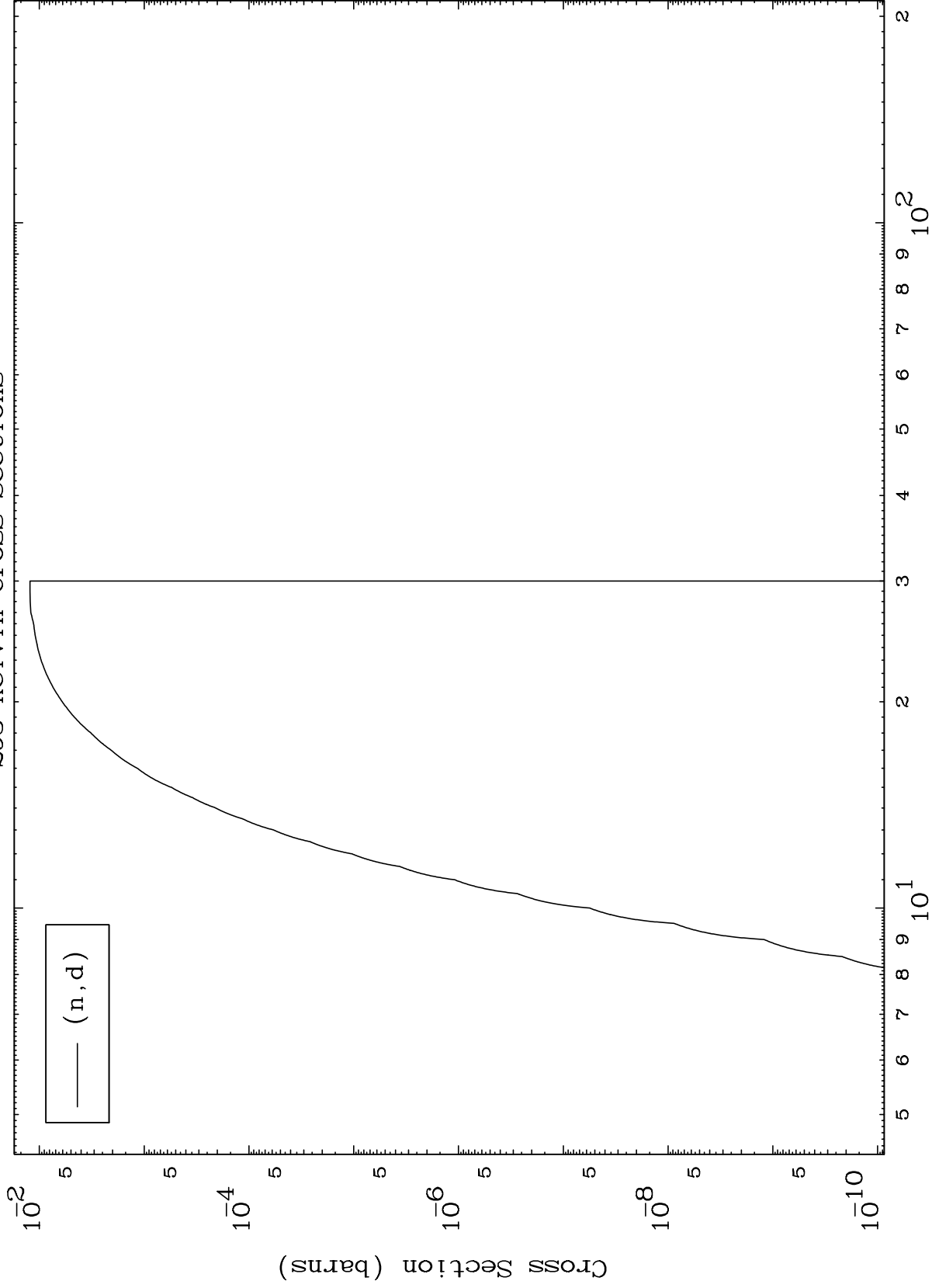
Incident Energy (MeV)

65-Tb-161

MAT 6531

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-161



11

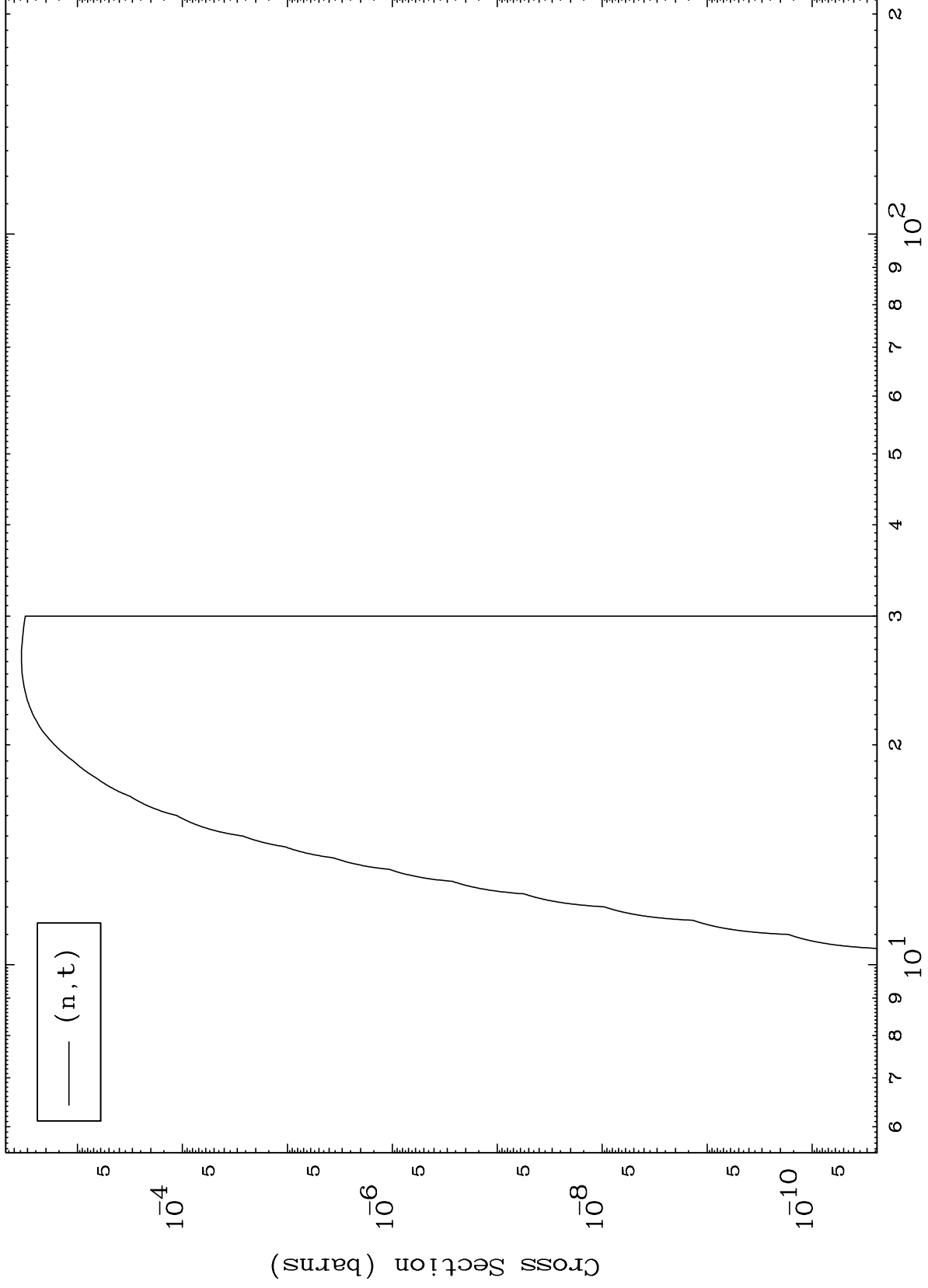
Incident Energy (MeV)

65-Tb-161

MAT 6531

(n, t) Levels
293 Kelvin Cross Sections

65-Tb-161



12

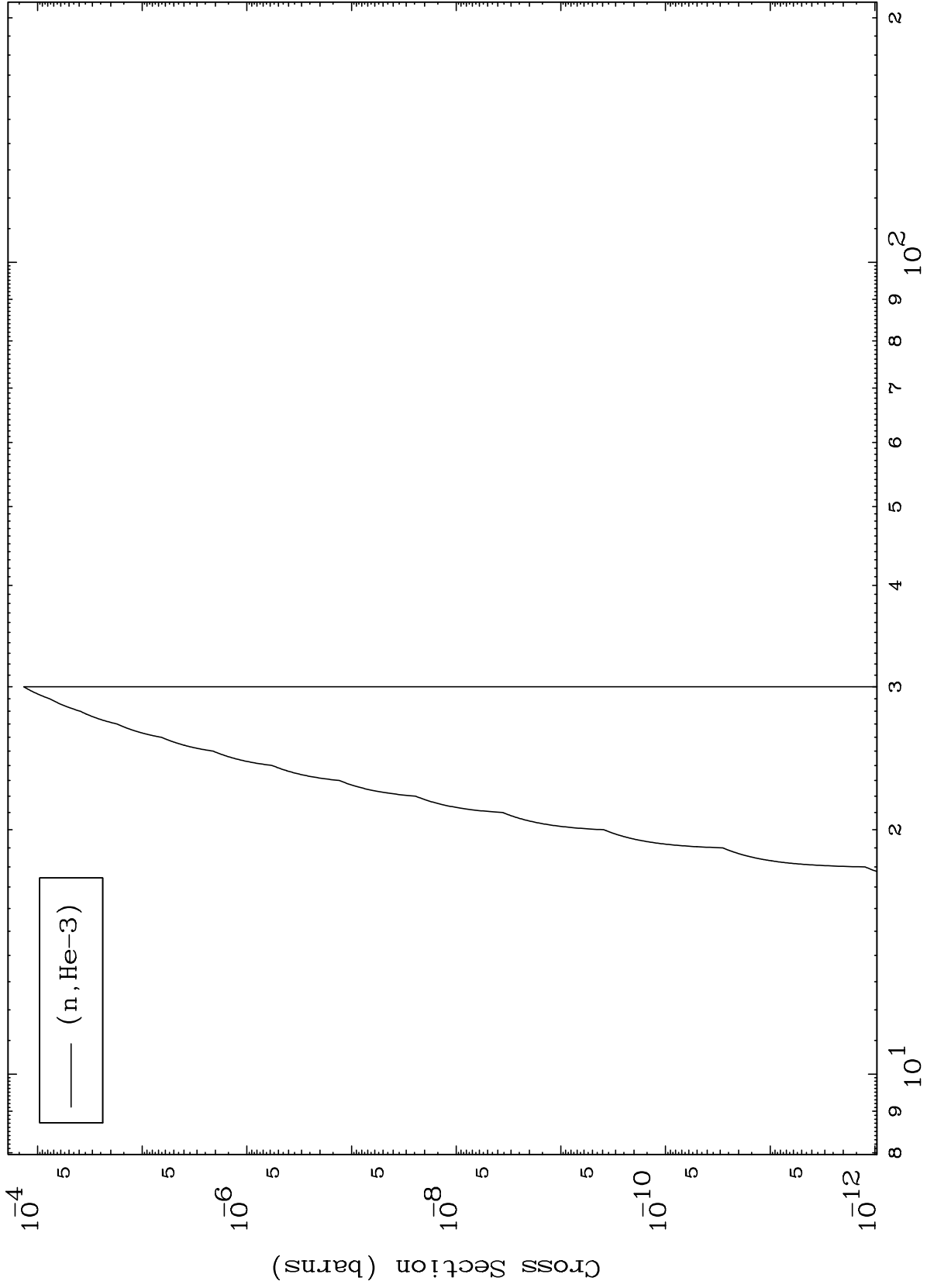
Incident Energy (MeV)

65-Tb-161

MAT 6531

(n,He3) Levels
293 Kelvin Cross Sections

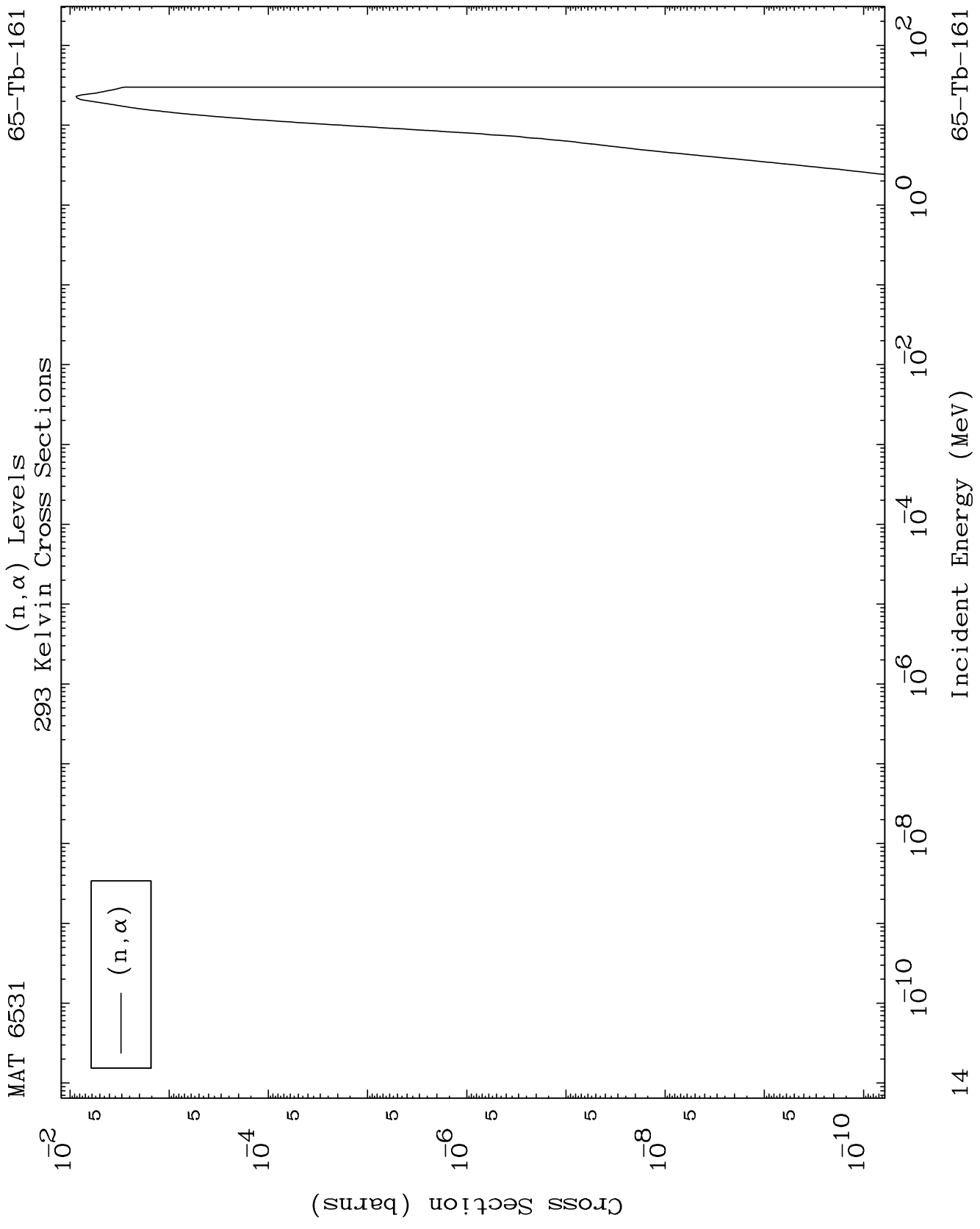
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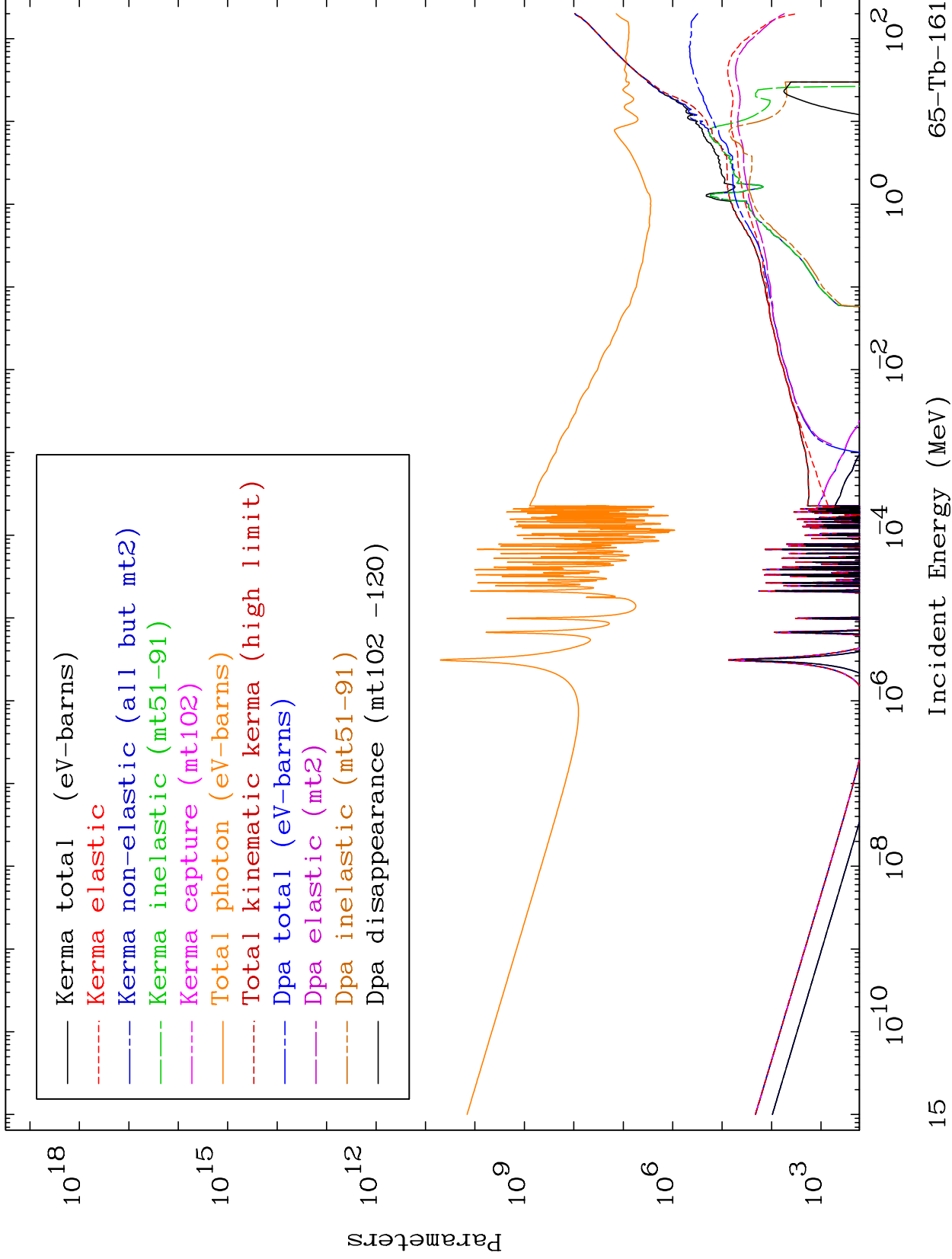


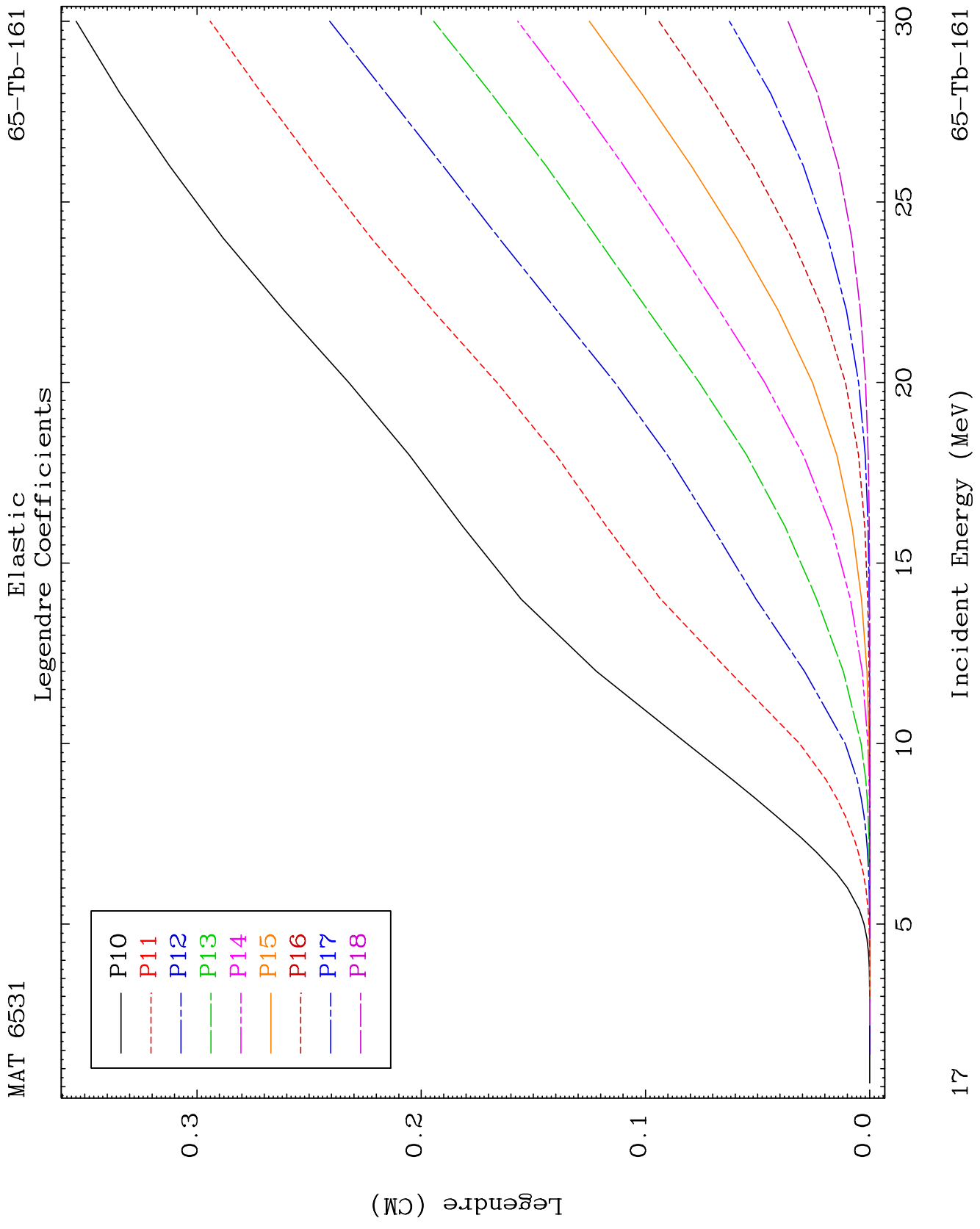
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Incident Energy (MeV)

65-Tb-161



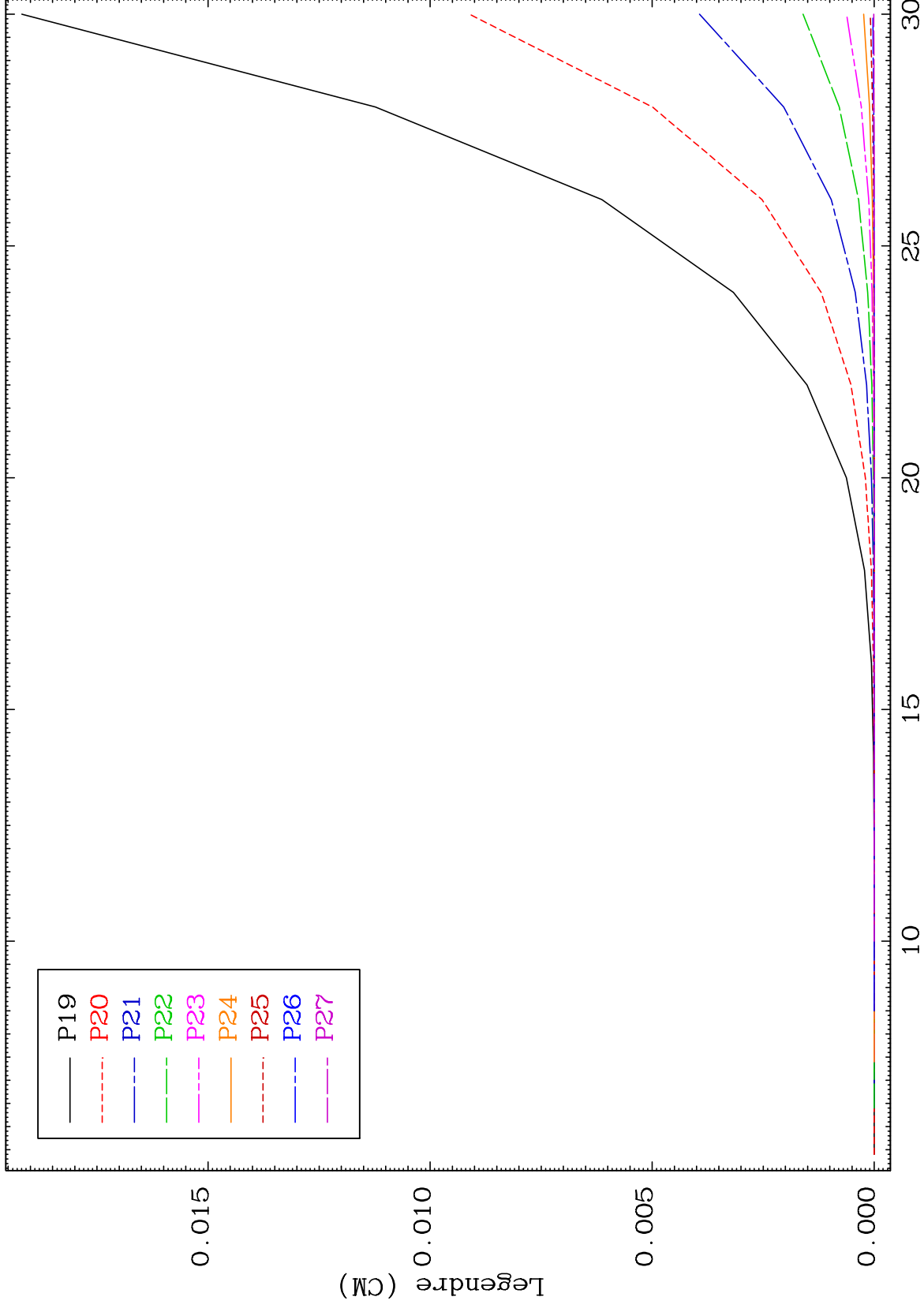




MAT 6531

Elastic Legendre Coefficients

65-Tb-161



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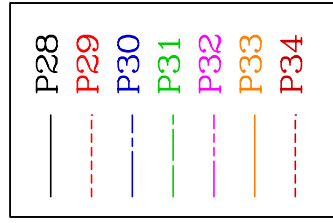
Incident Energy (MeV)

65-Tb-161

MAT 6531

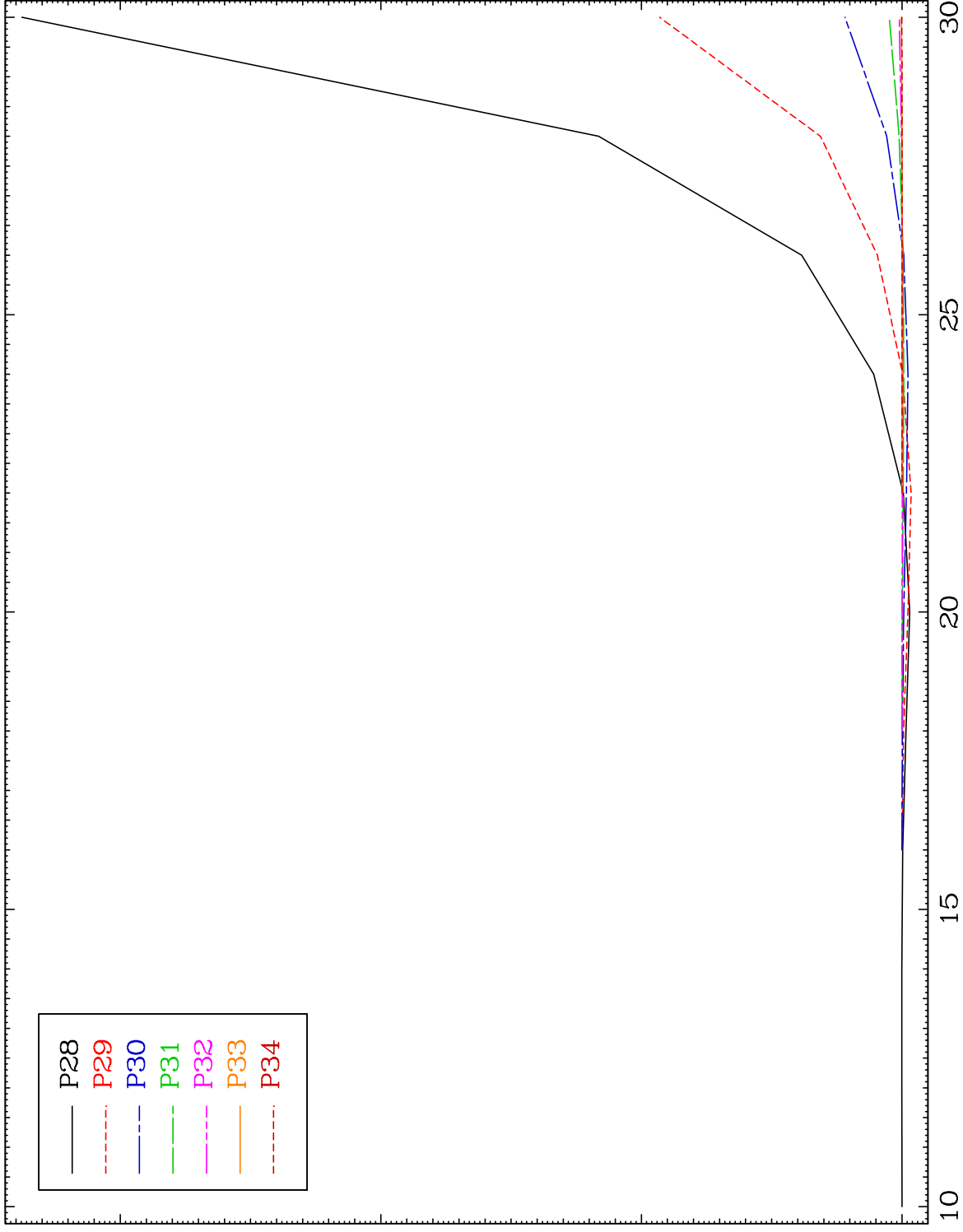
Elastic
Legendre Coefficients

65-Tb-161



$\times 10^{-6}$

Legendre (CM)



10

15

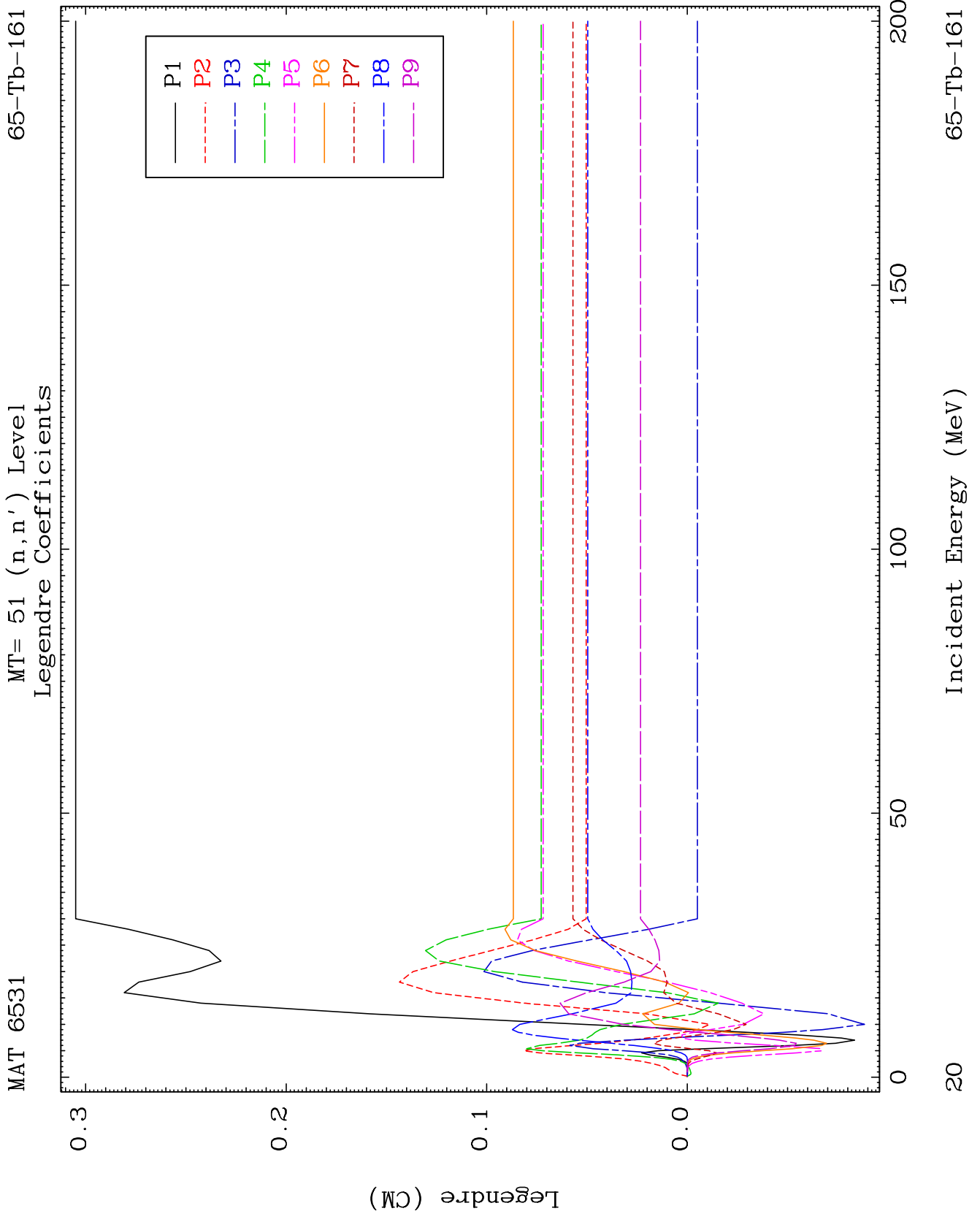
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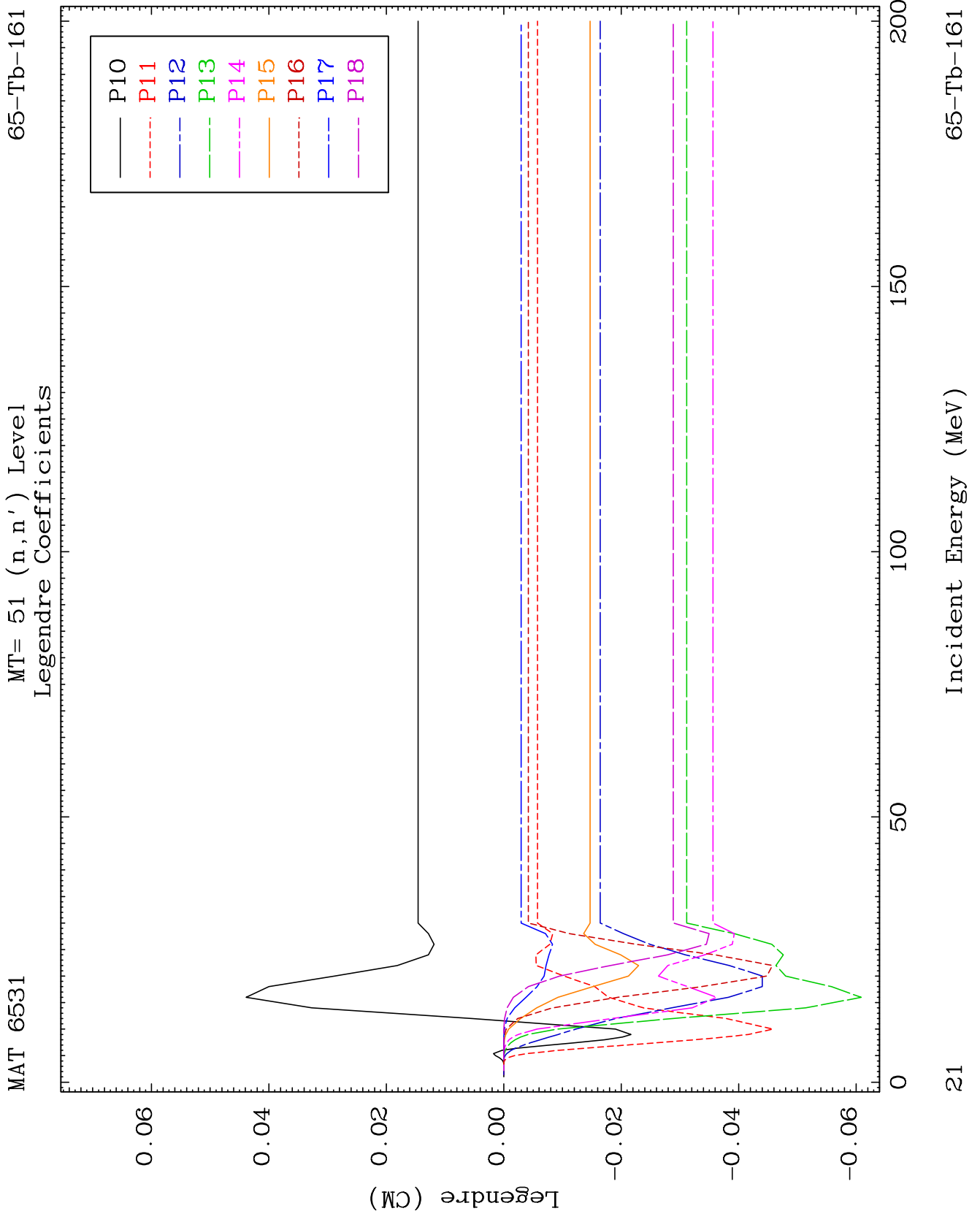
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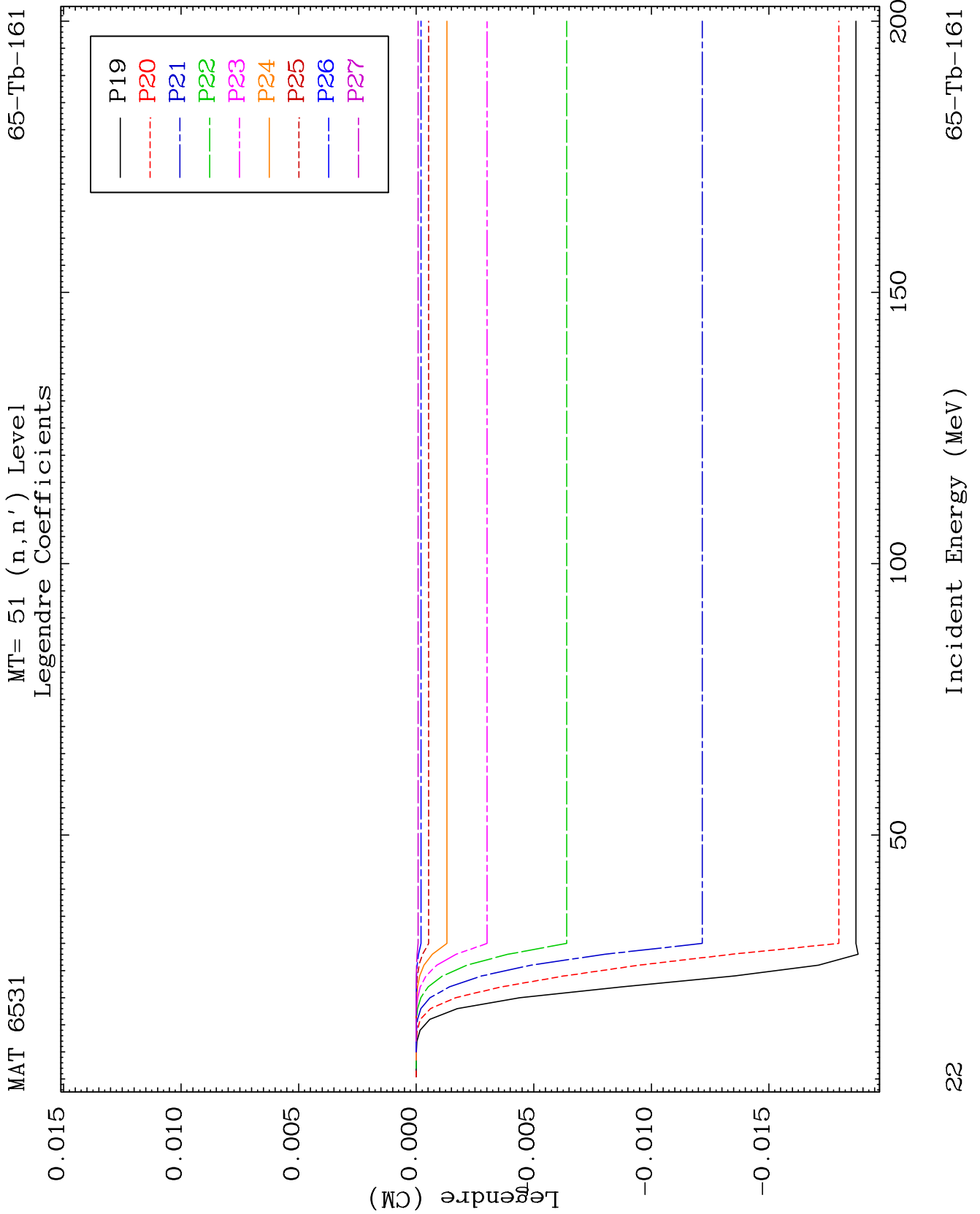
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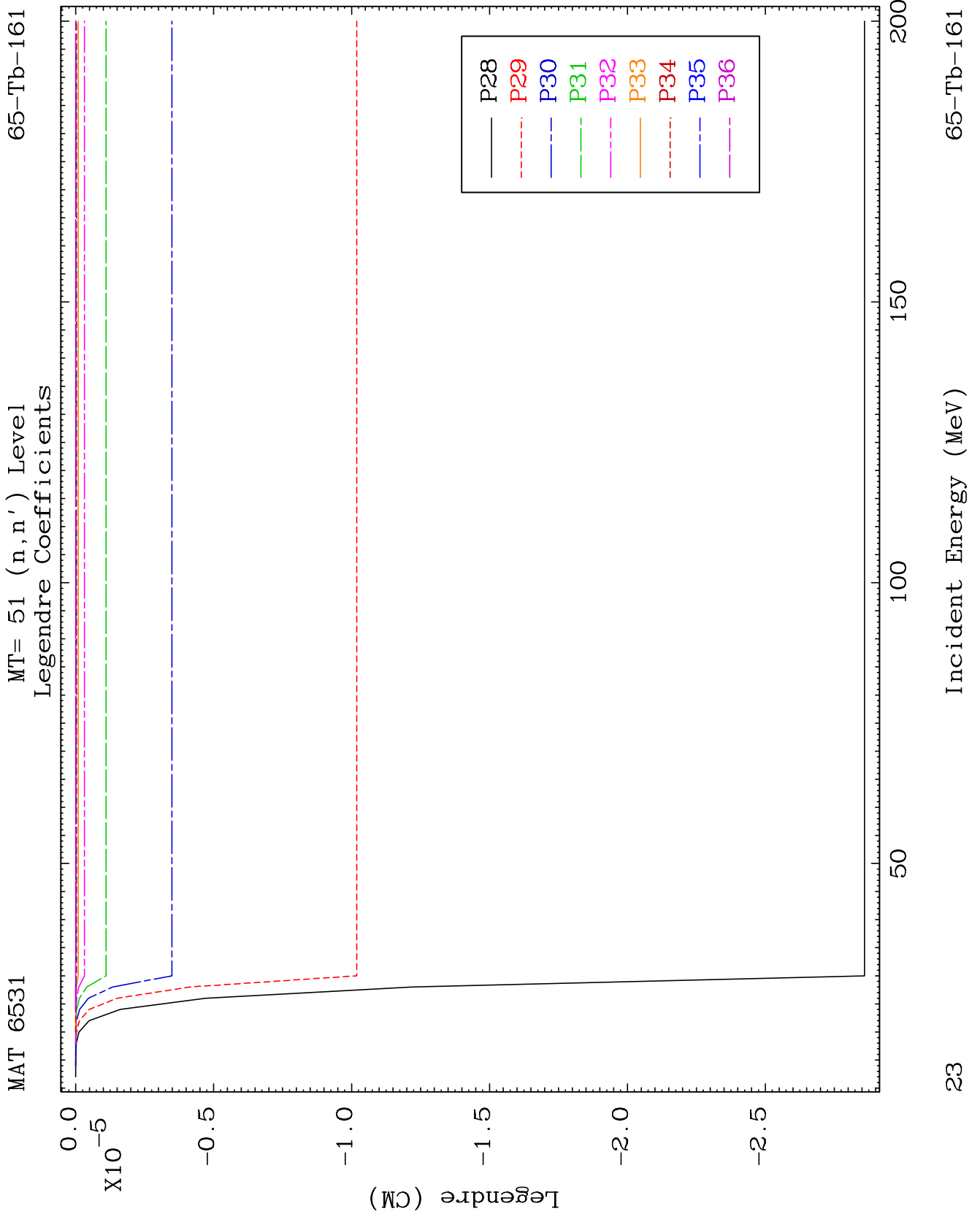
Incident Energy (MeV)

65-Tb-161





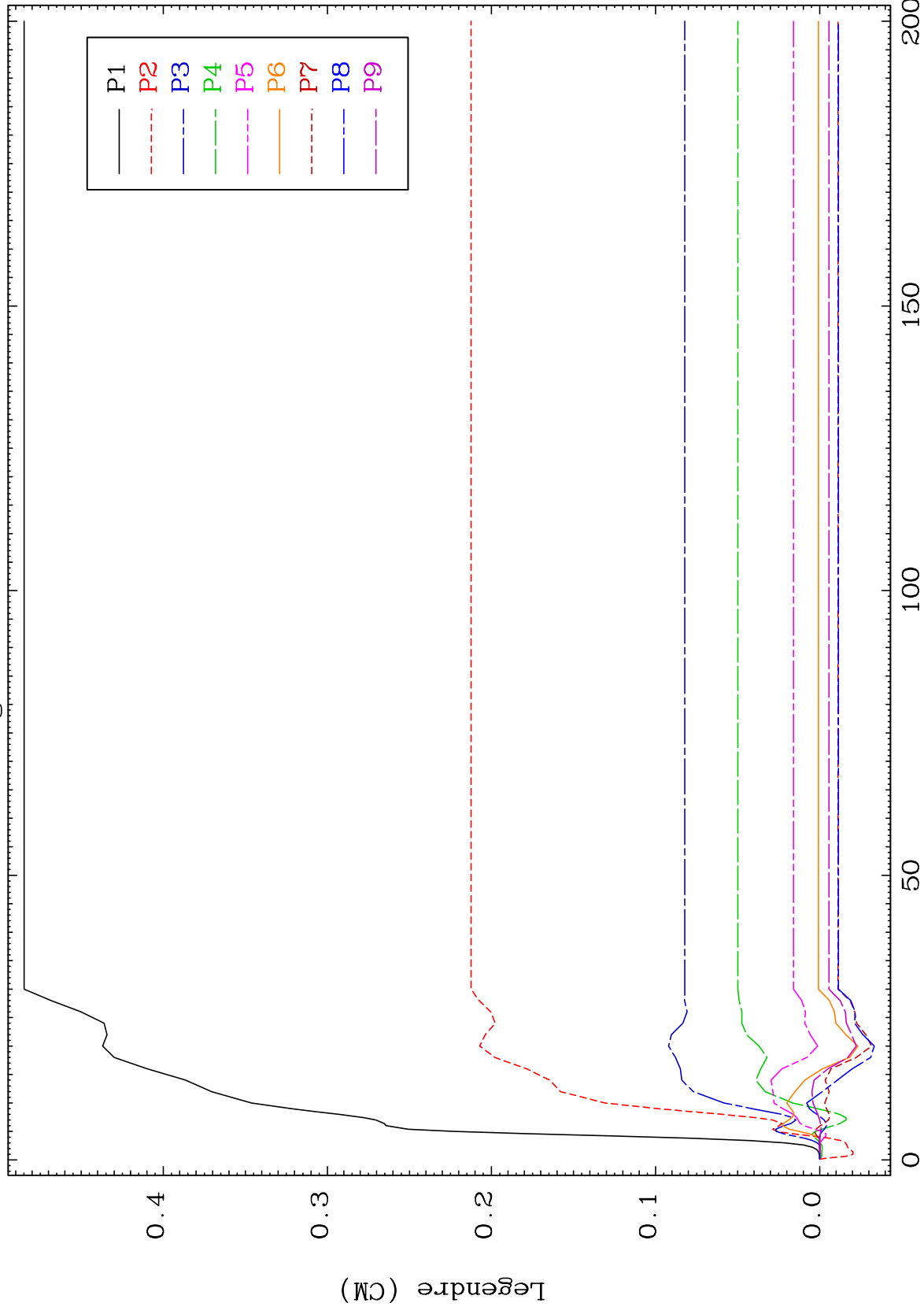




MAT 6531

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

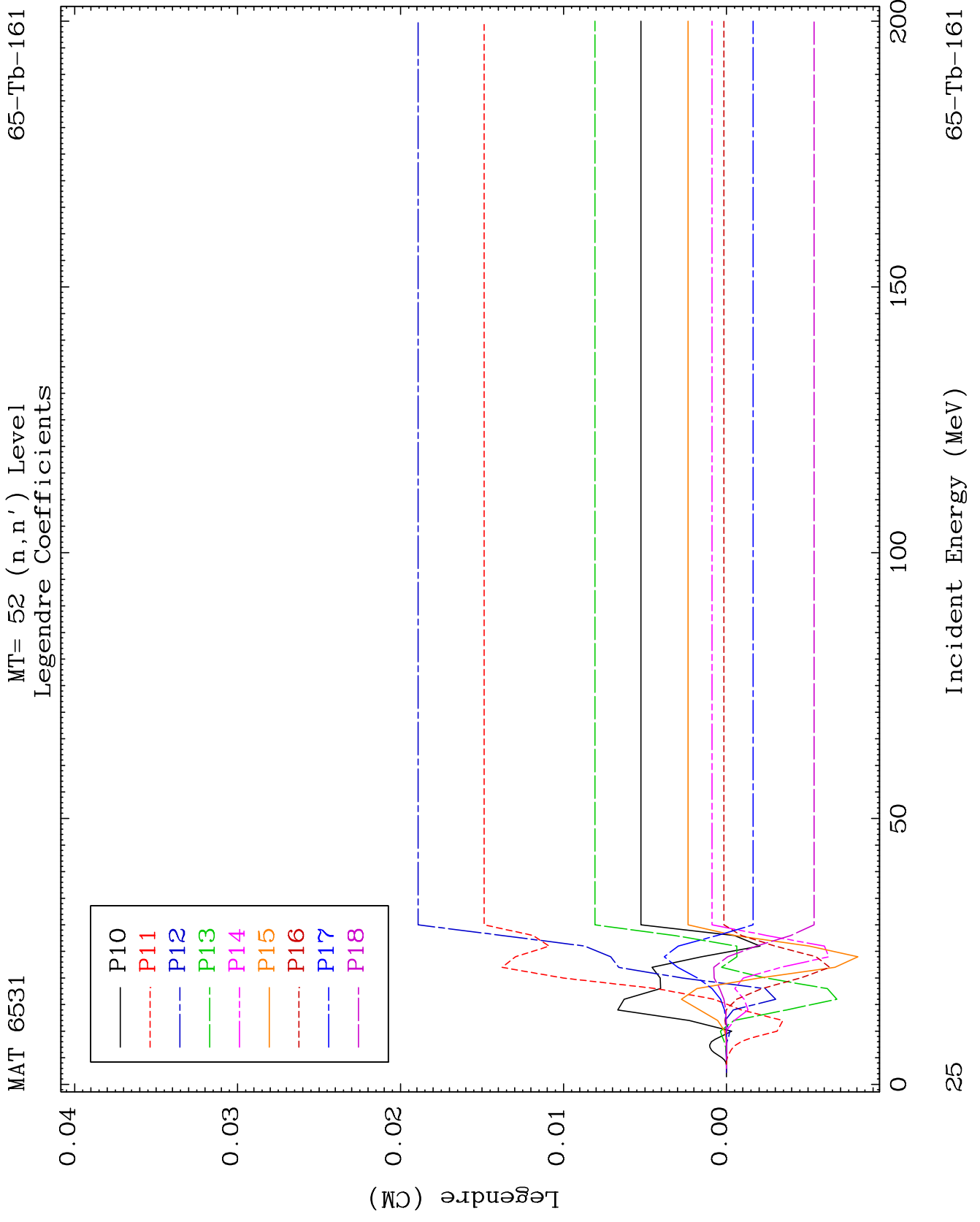
65-Tb-161



24

Incident Energy (MeV)

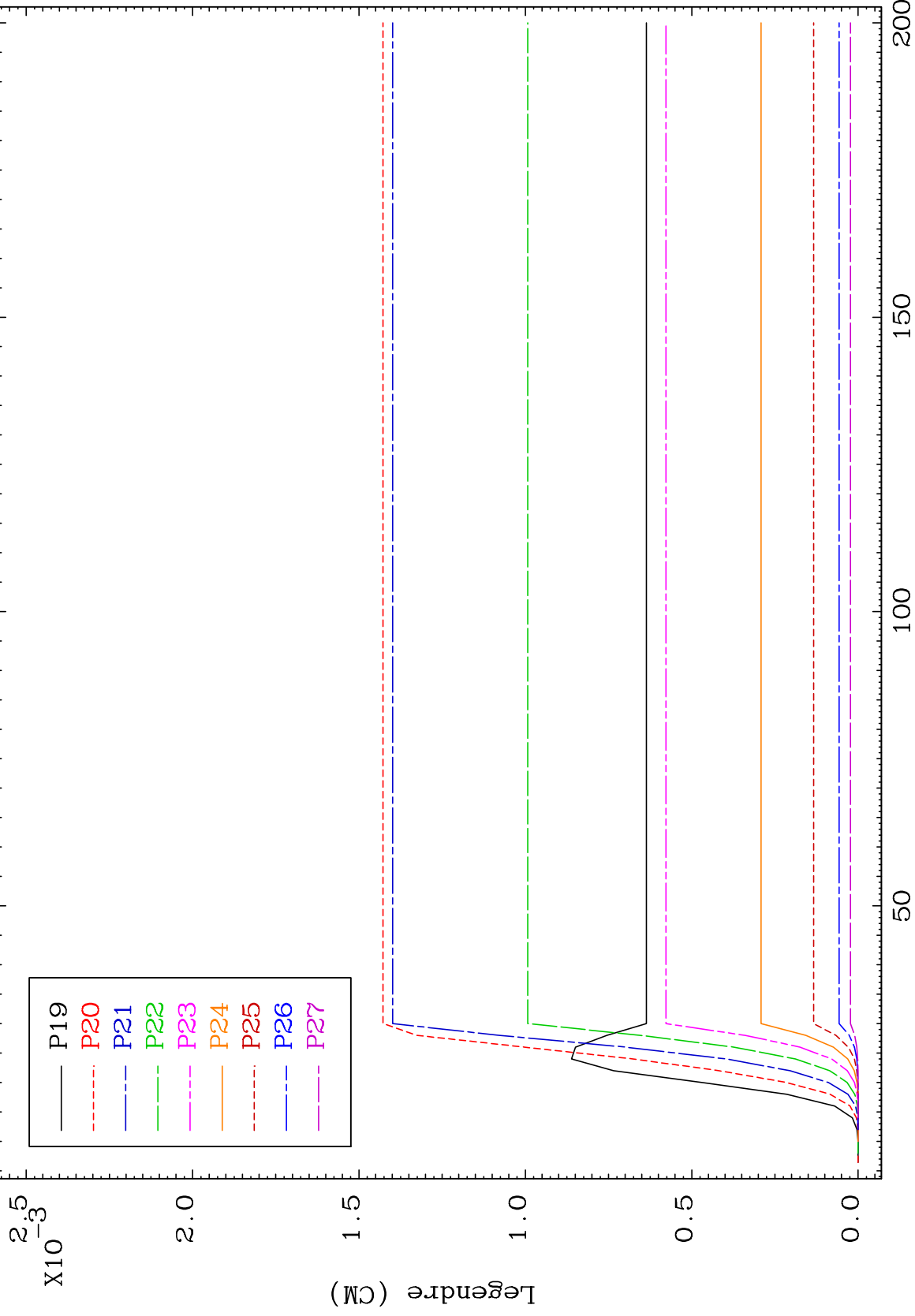
65-Tb-161



MAT 6531

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

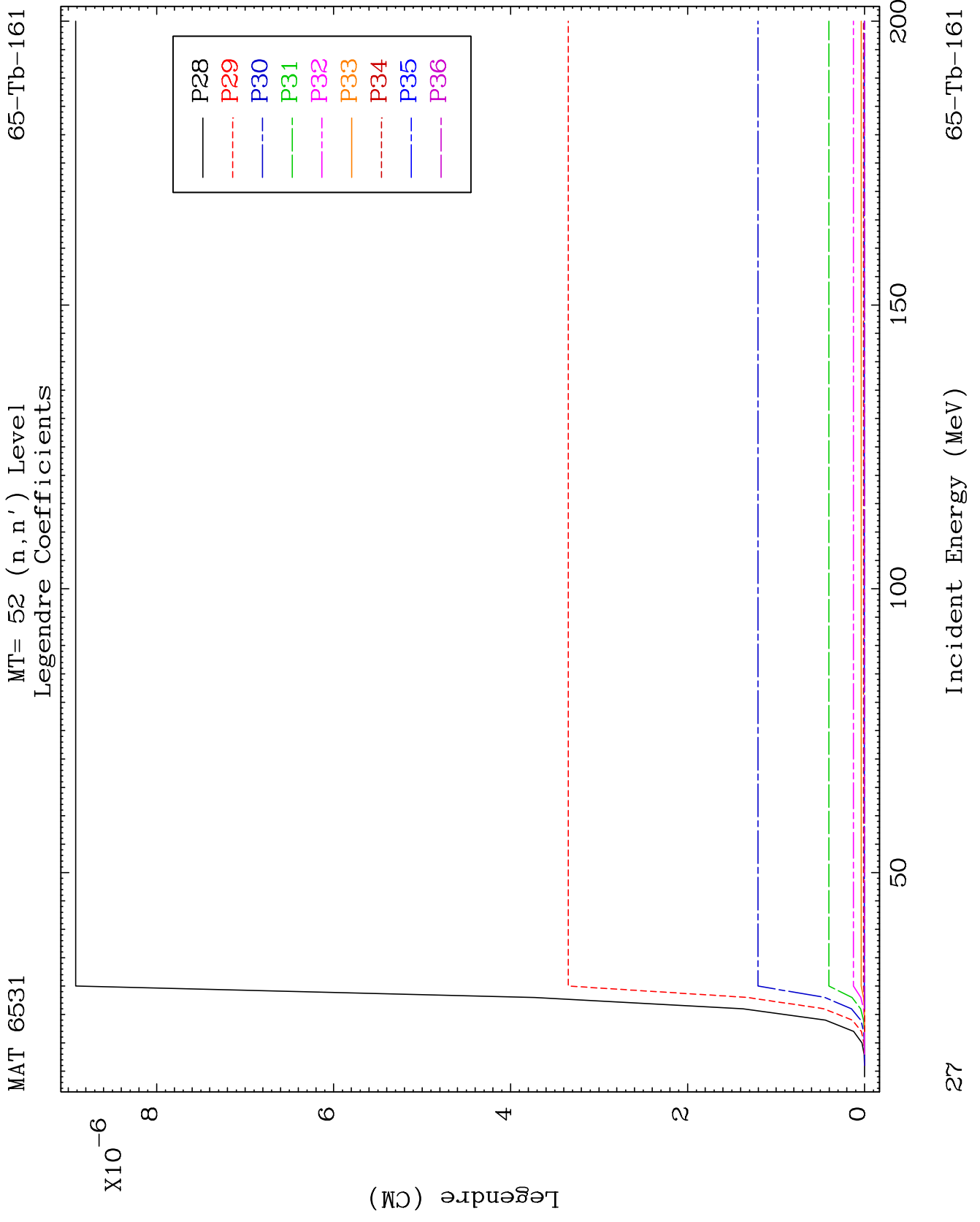
65-Tb-161



26

Incident Energy (MeV)

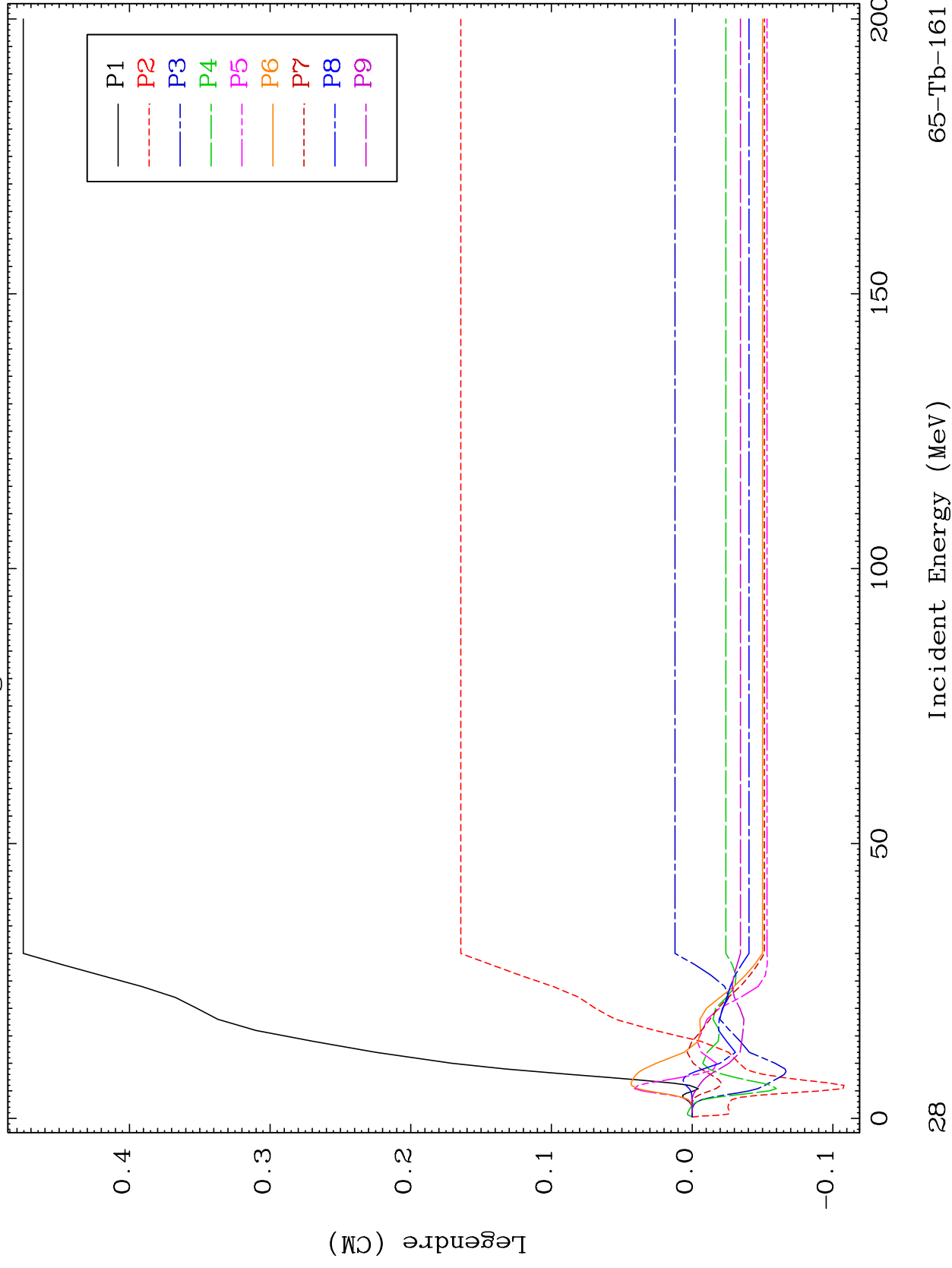
65-Tb-161



MAT 6531

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

65-Tb-161



65-Tb-161

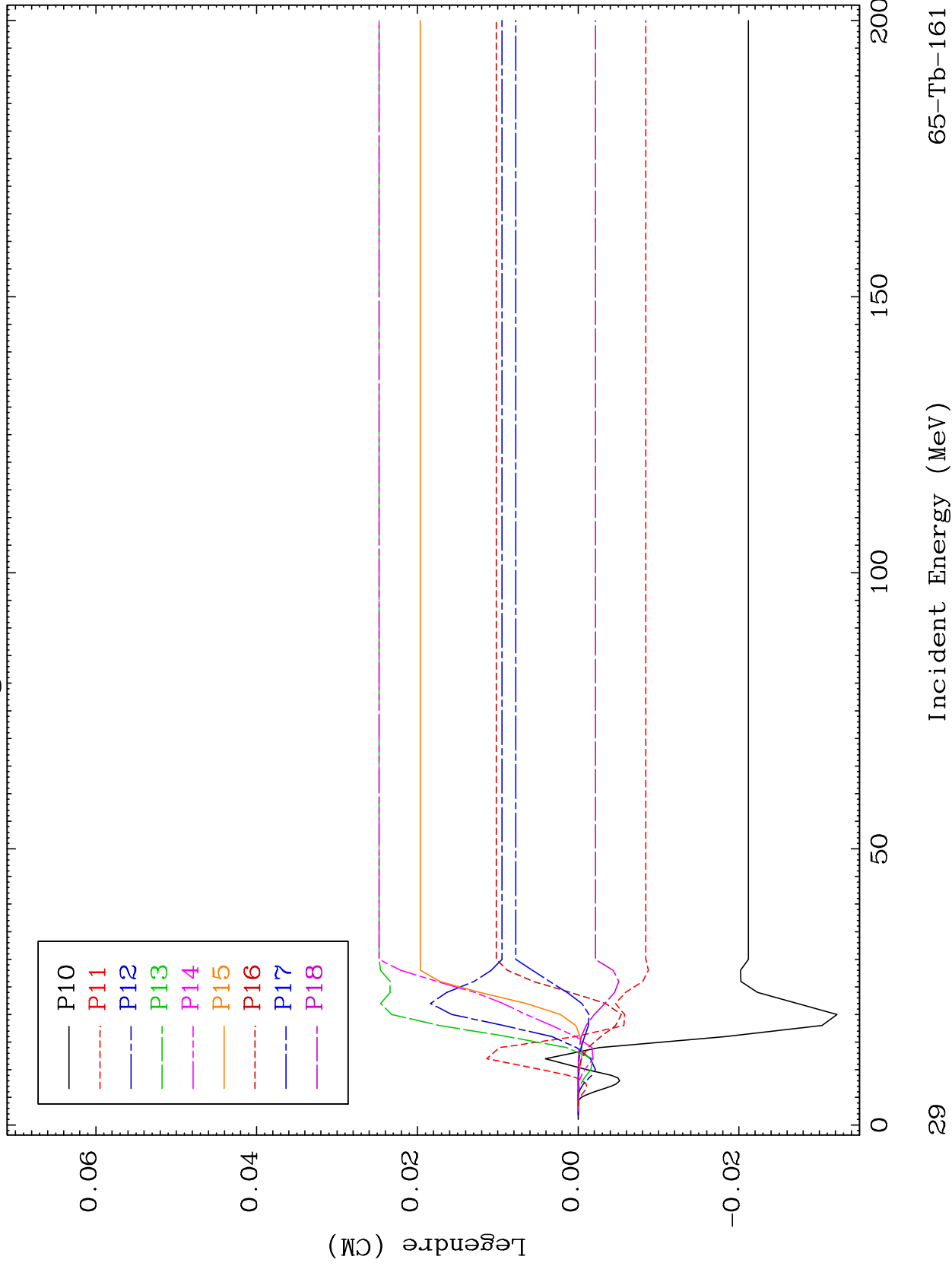
Incident Energy (MeV)

28

MAT 6531

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

65-Tb-161



29

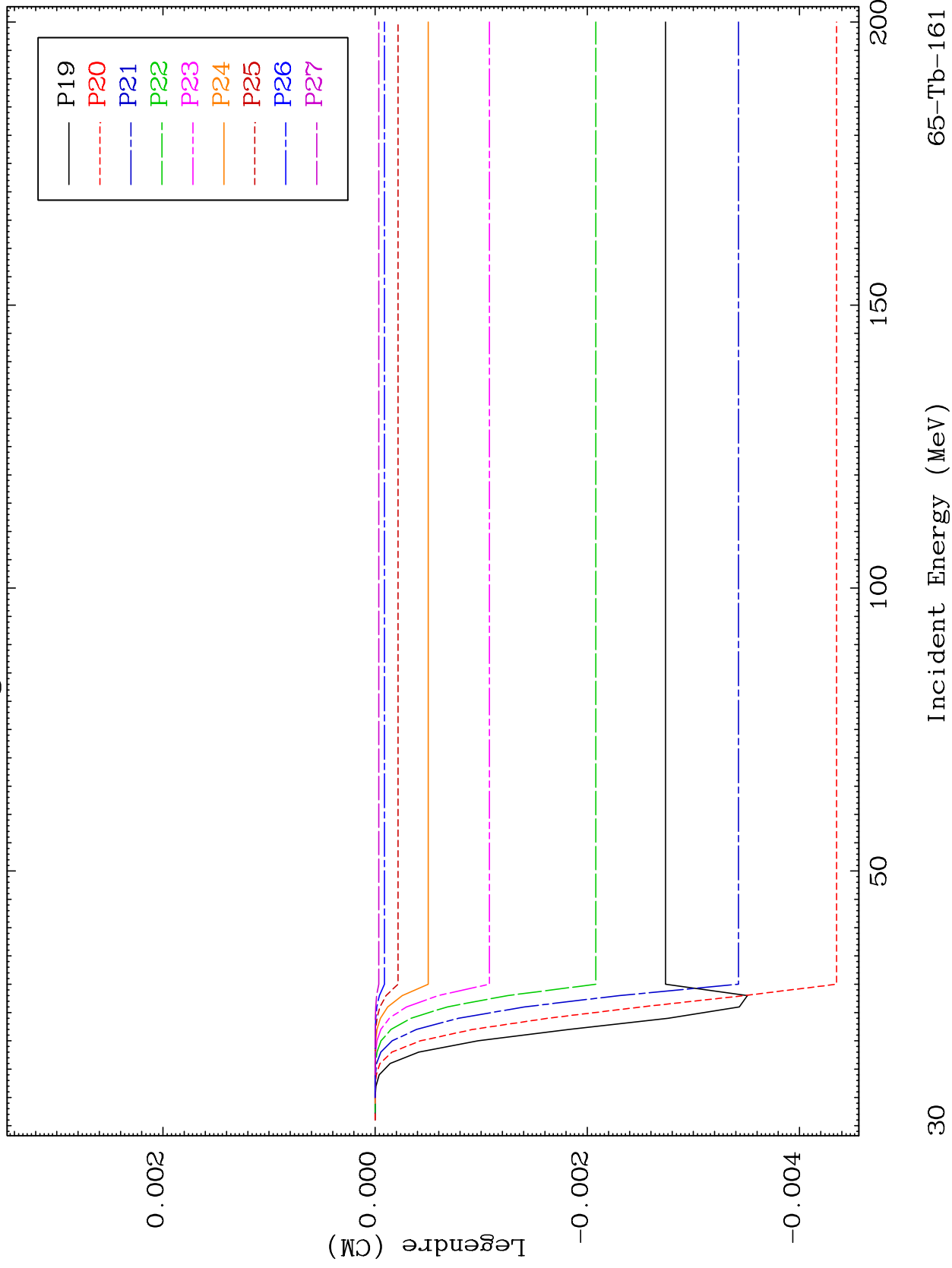
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

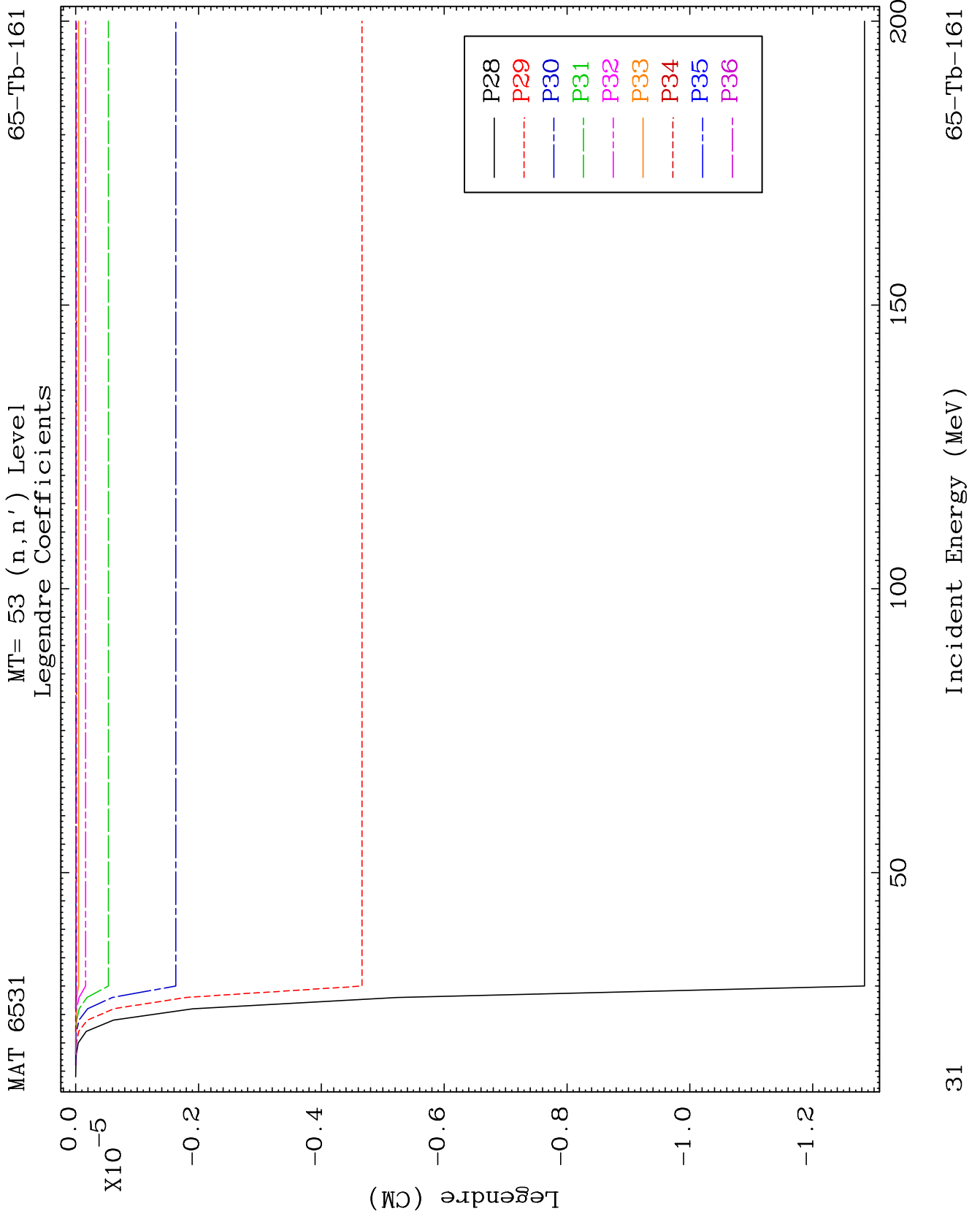
65-Tb-161



30

Incident Energy (MeV)

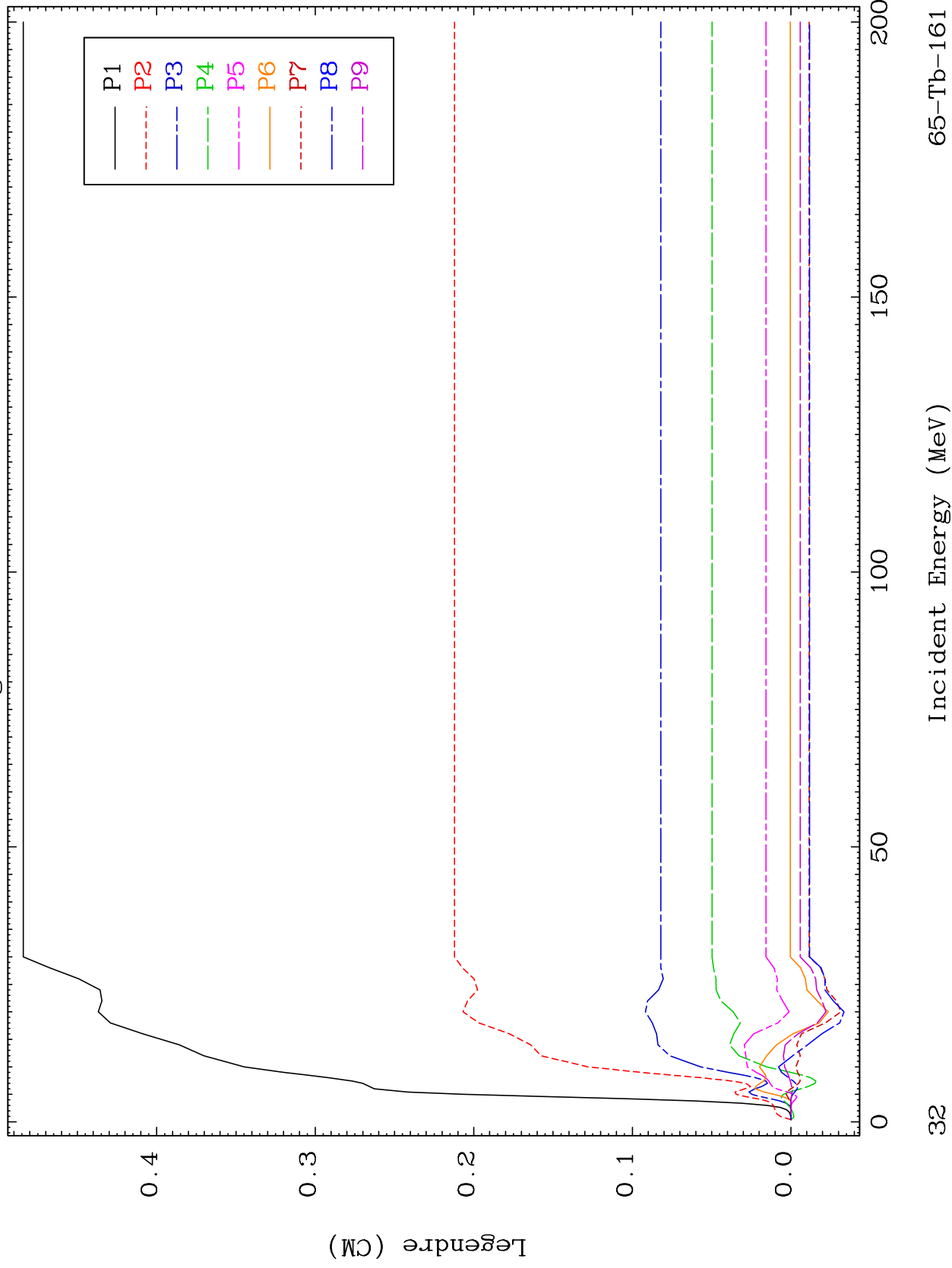
65-Tb-161



MAT 6531

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

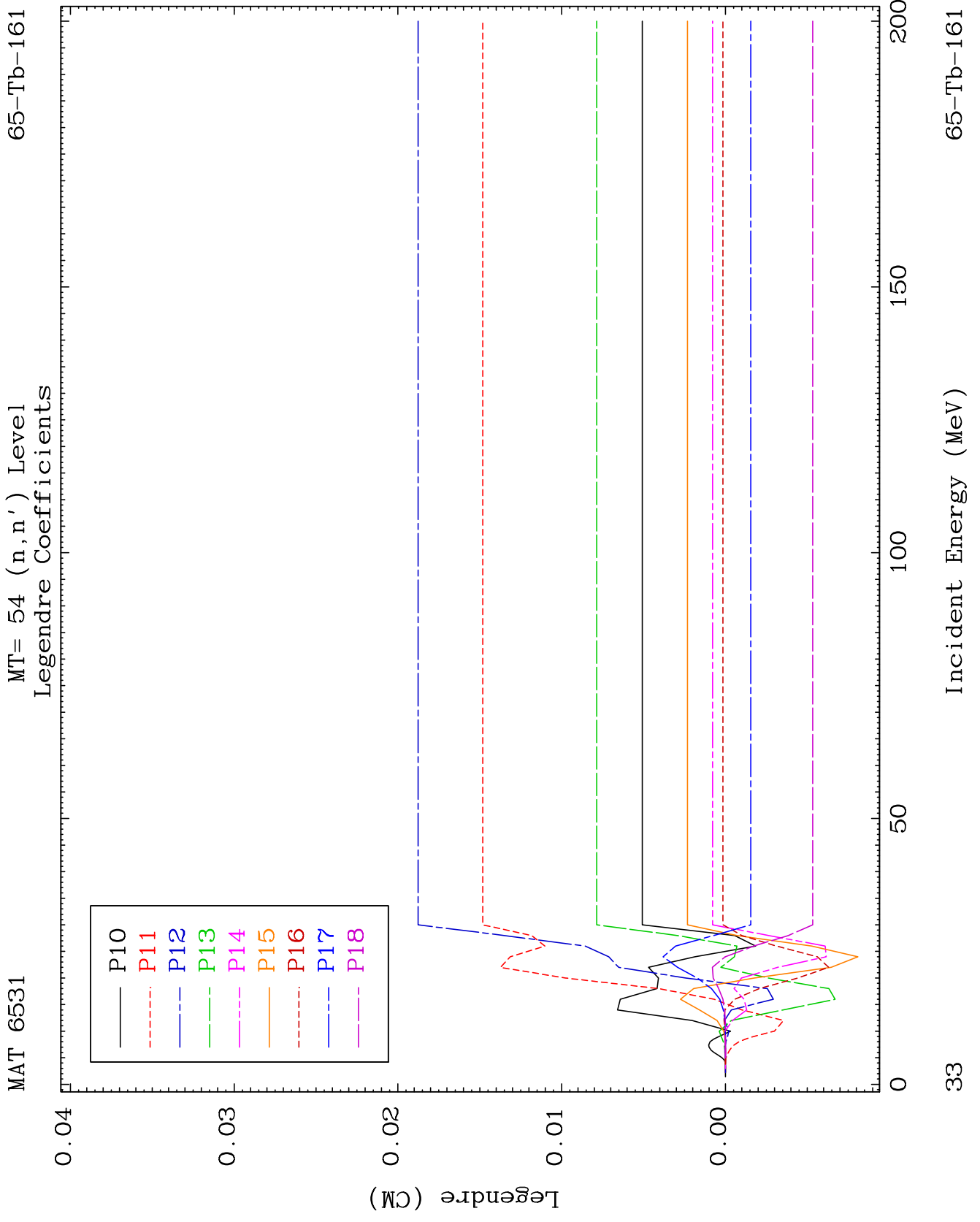
65-Tb-161



65-Tb-161

Incident Energy (MeV)

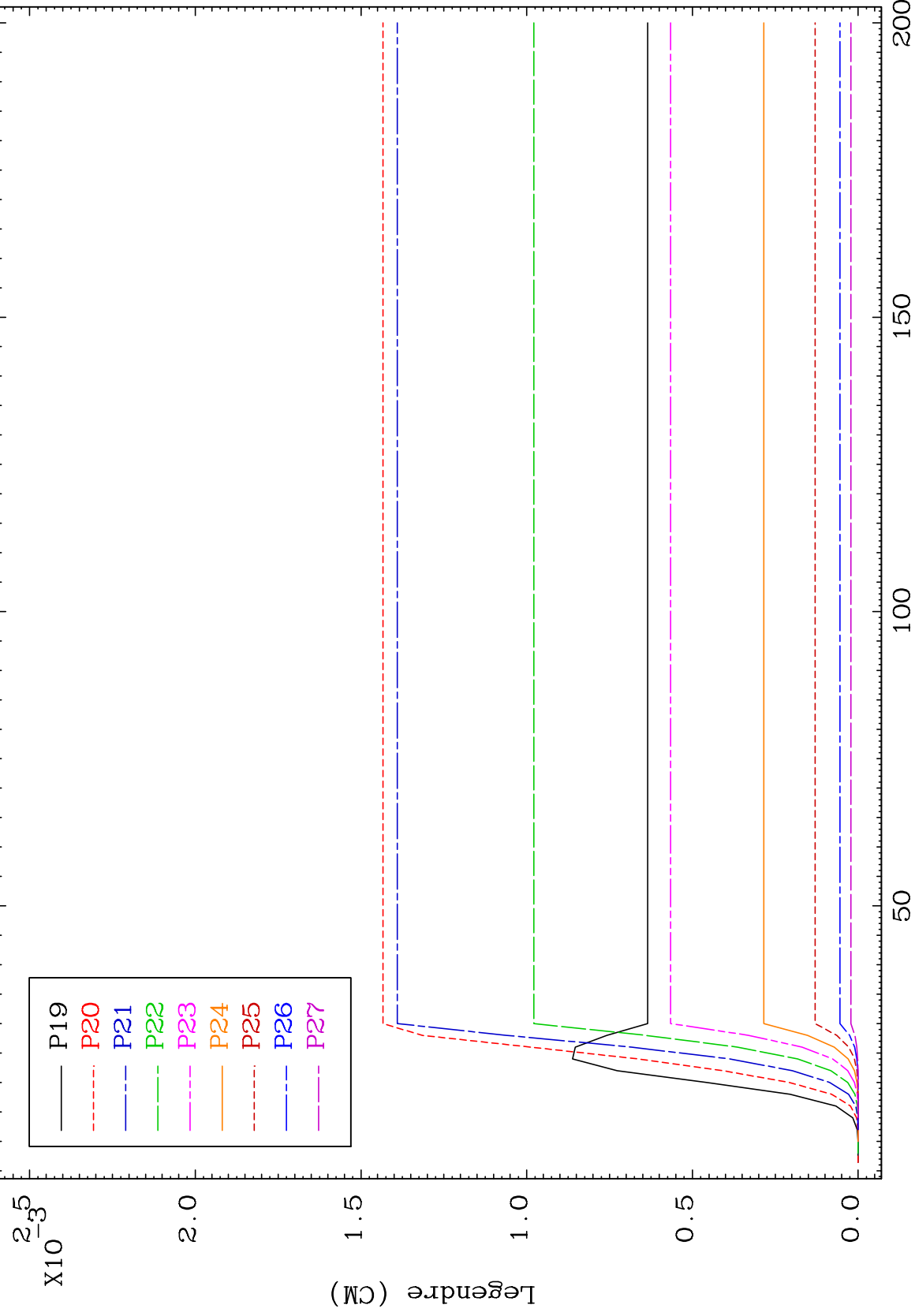
32



MAT 6531

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

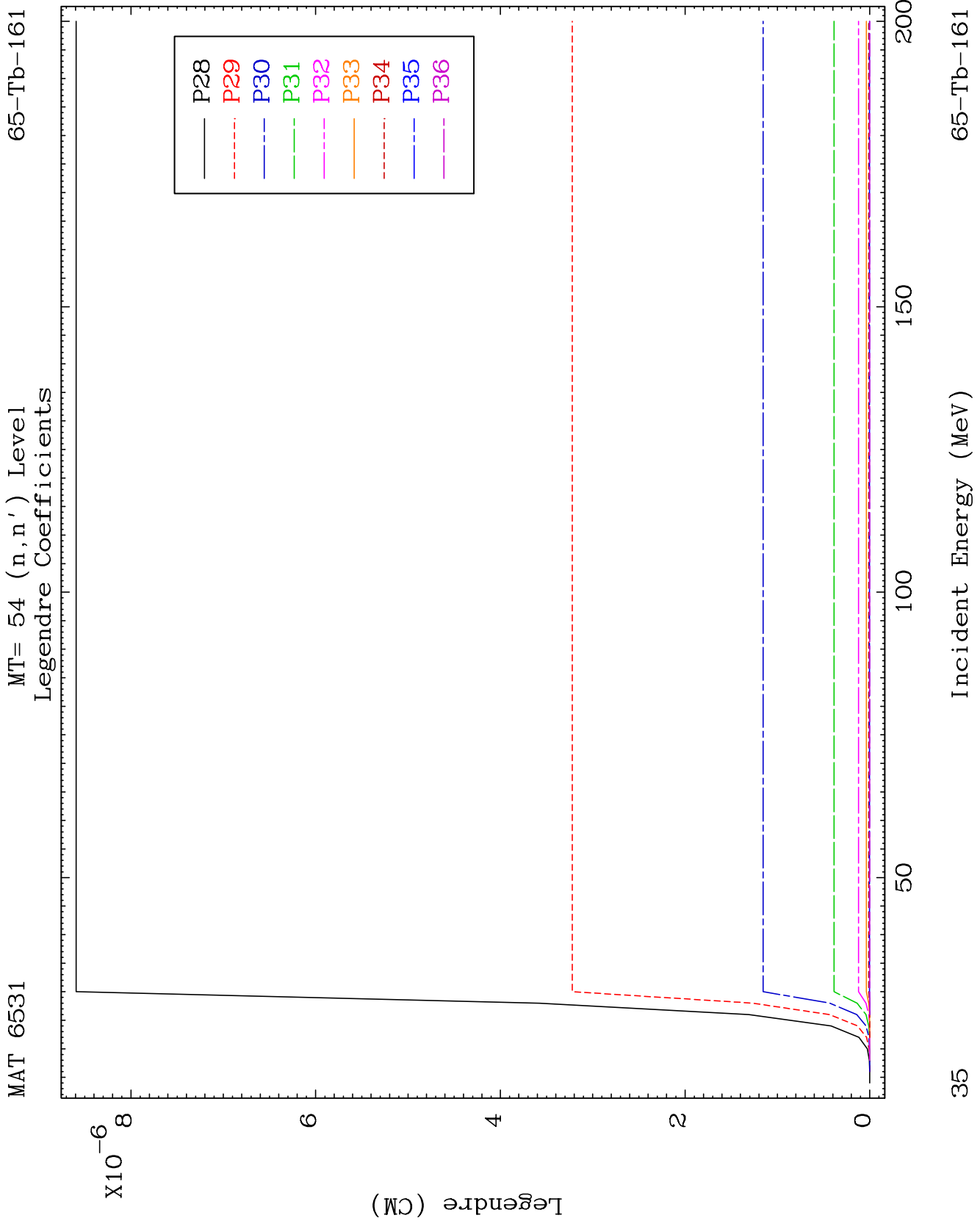
65-Tb-161



34

Incident Energy (MeV)

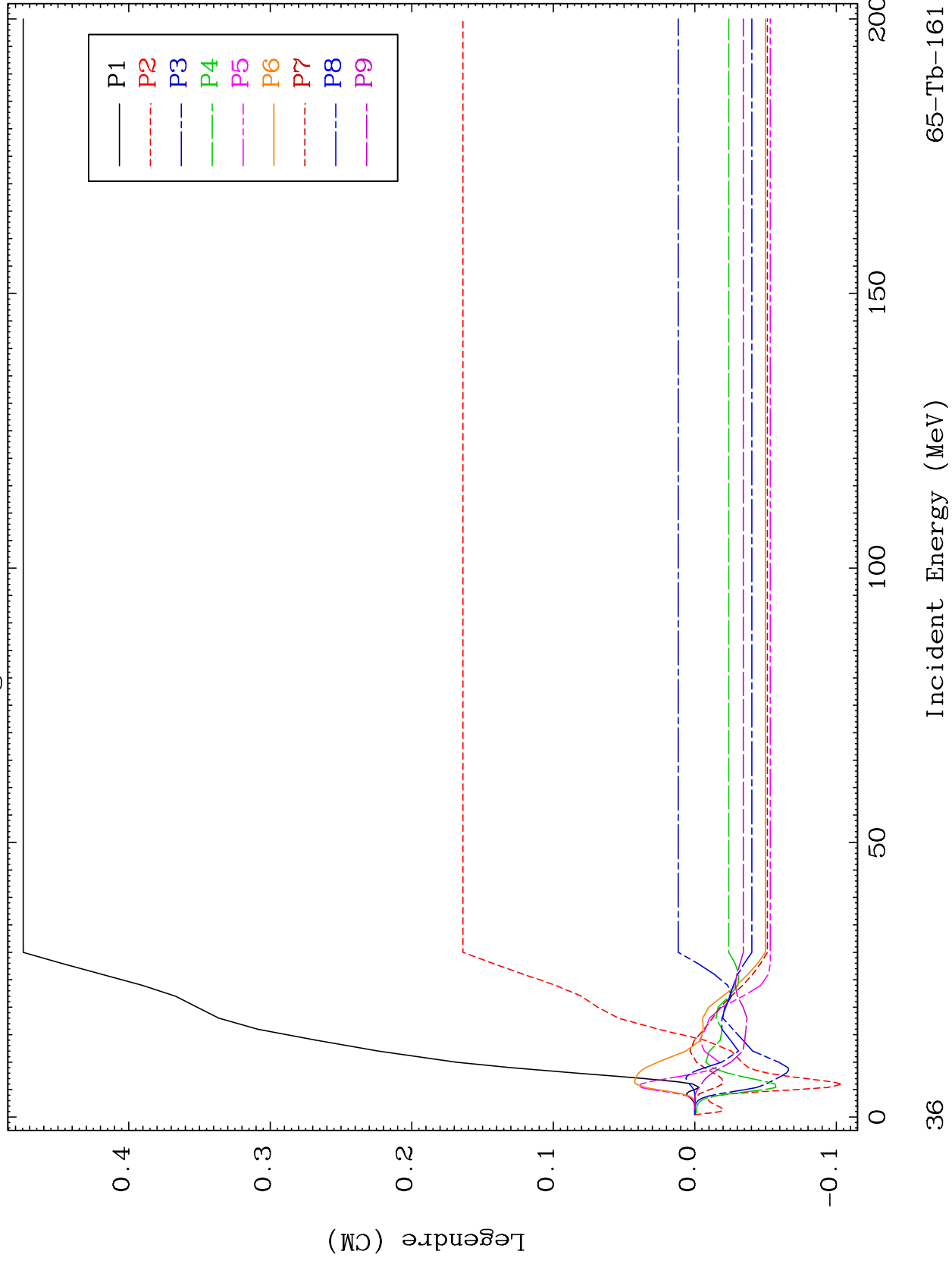
65-Tb-161



MAT 6531

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

65-Tb-161



65-Tb-161

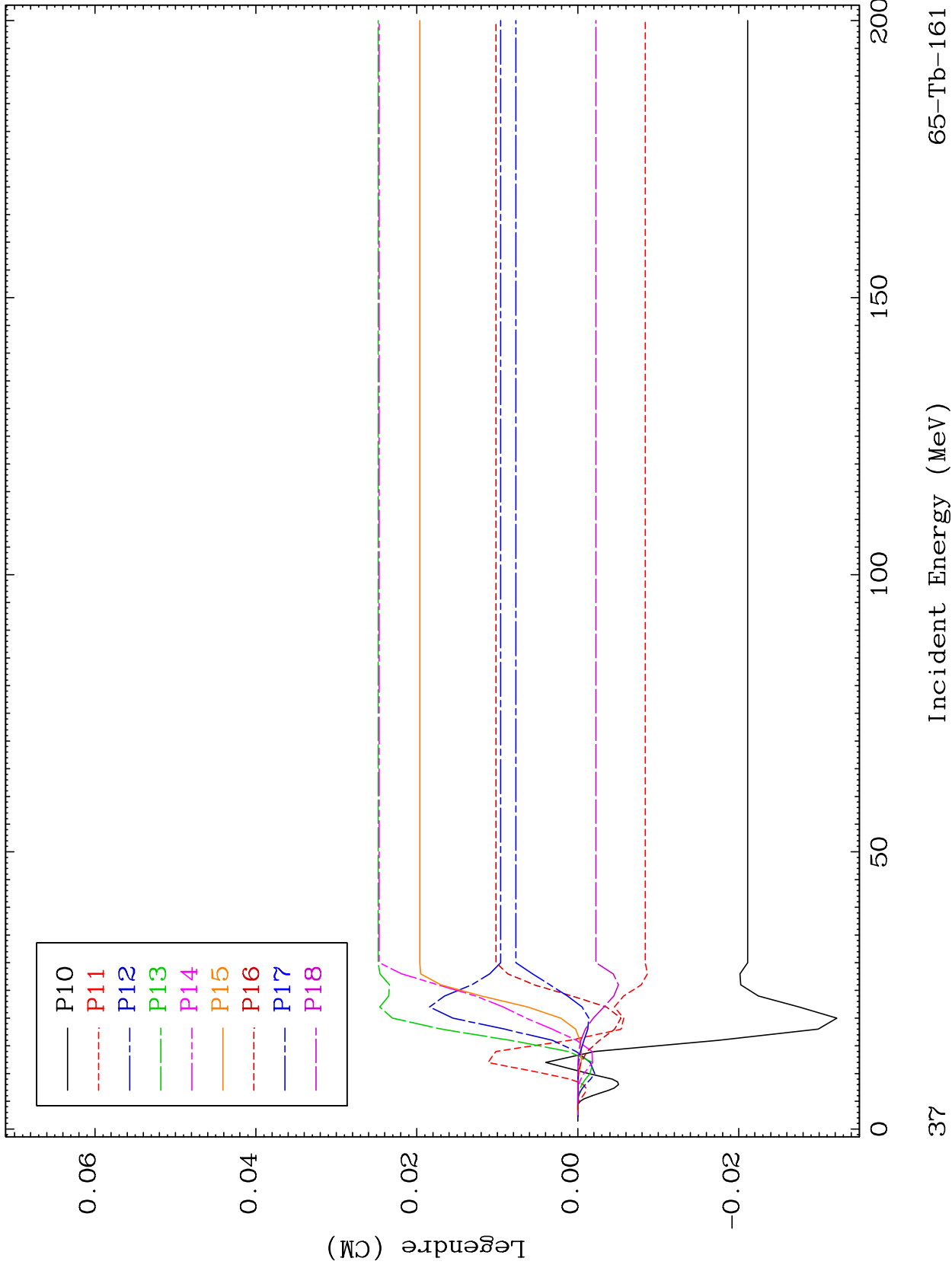
Incident Energy (MeV)

36

MAT 6531

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

65-Tb-161



37

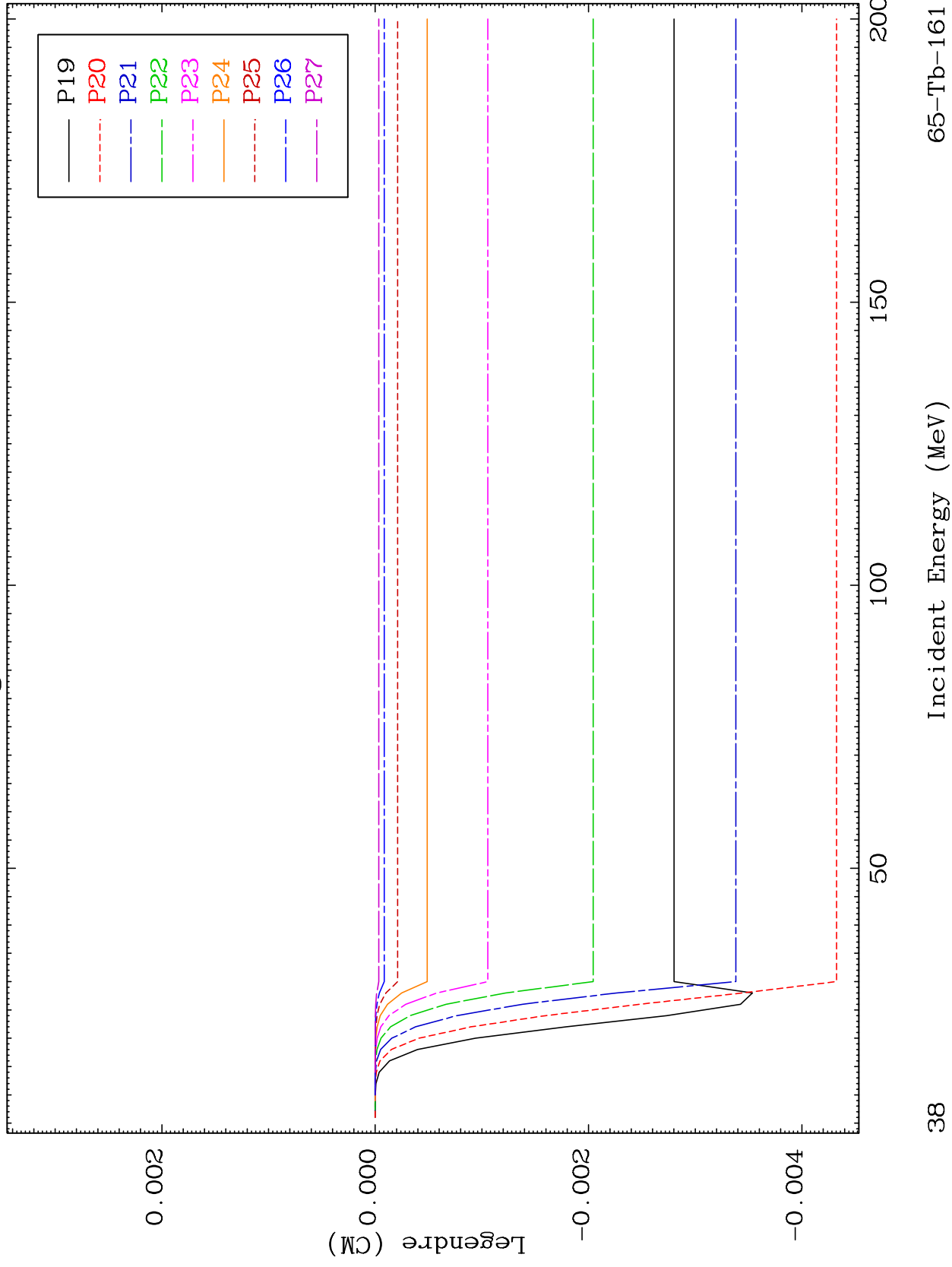
Incident Energy (MeV)

65-Tb-161

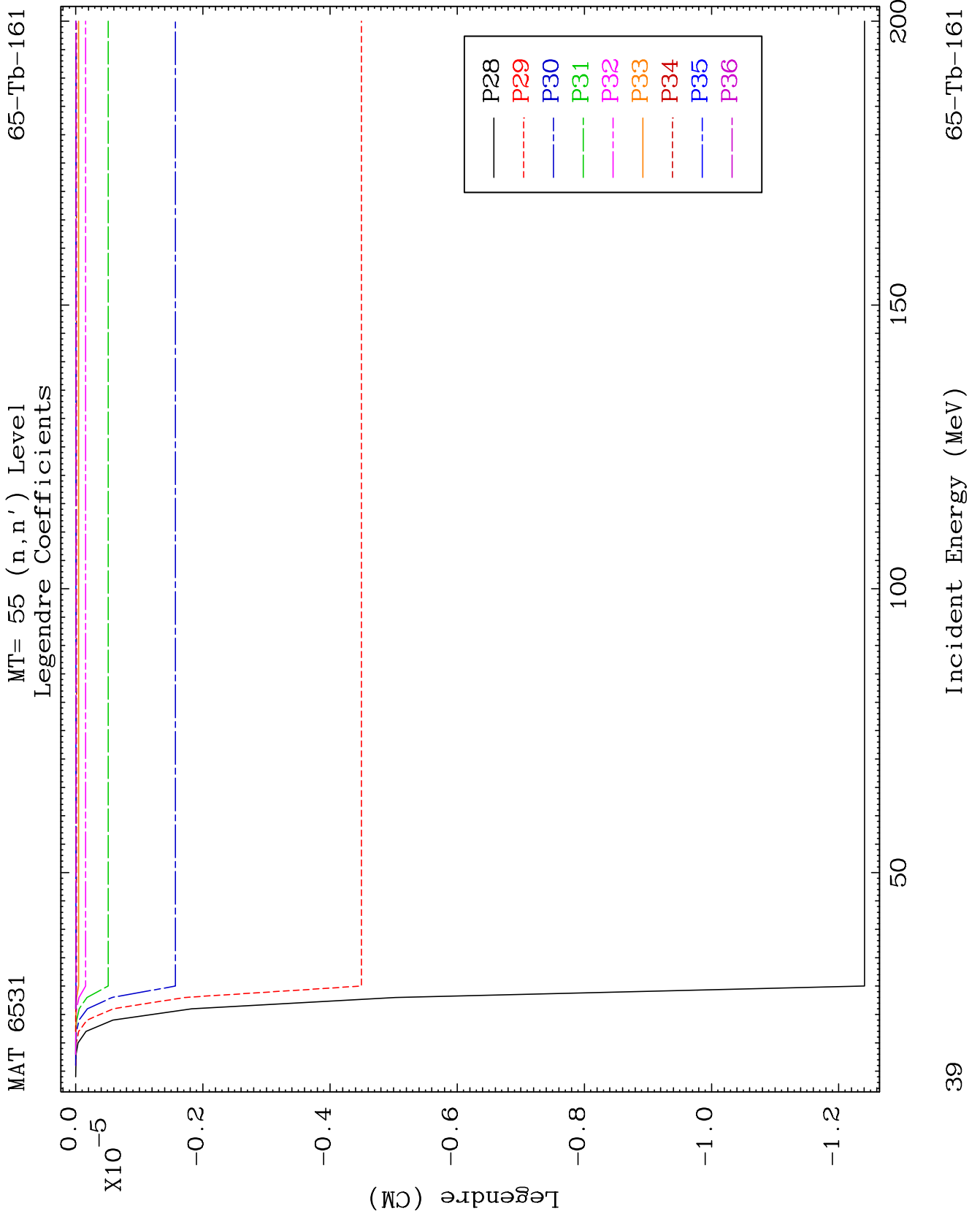
MAT 6531

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

65-Tb-161



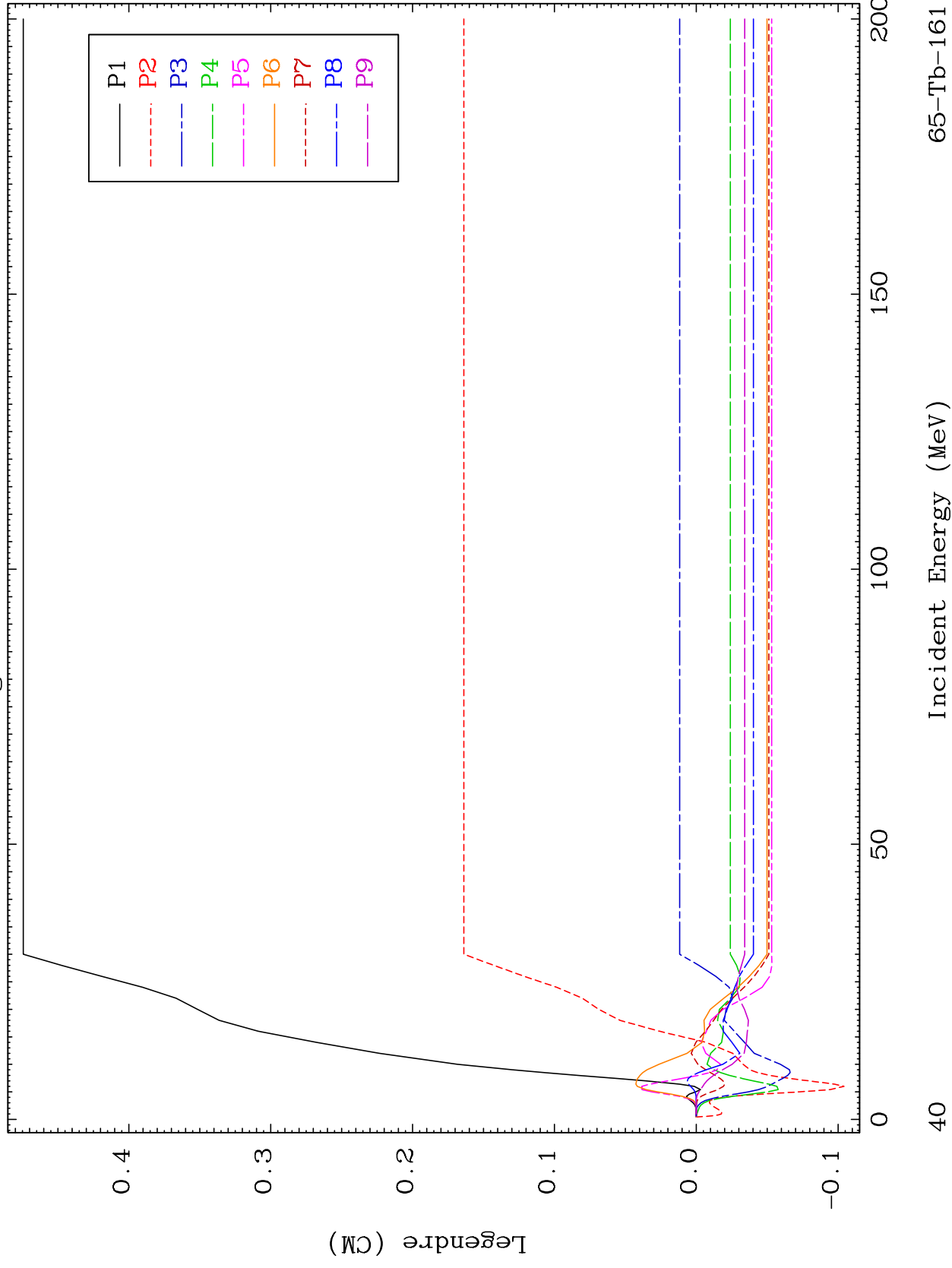
38



MAT 6531

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

65-Tb-161



65-Tb-161

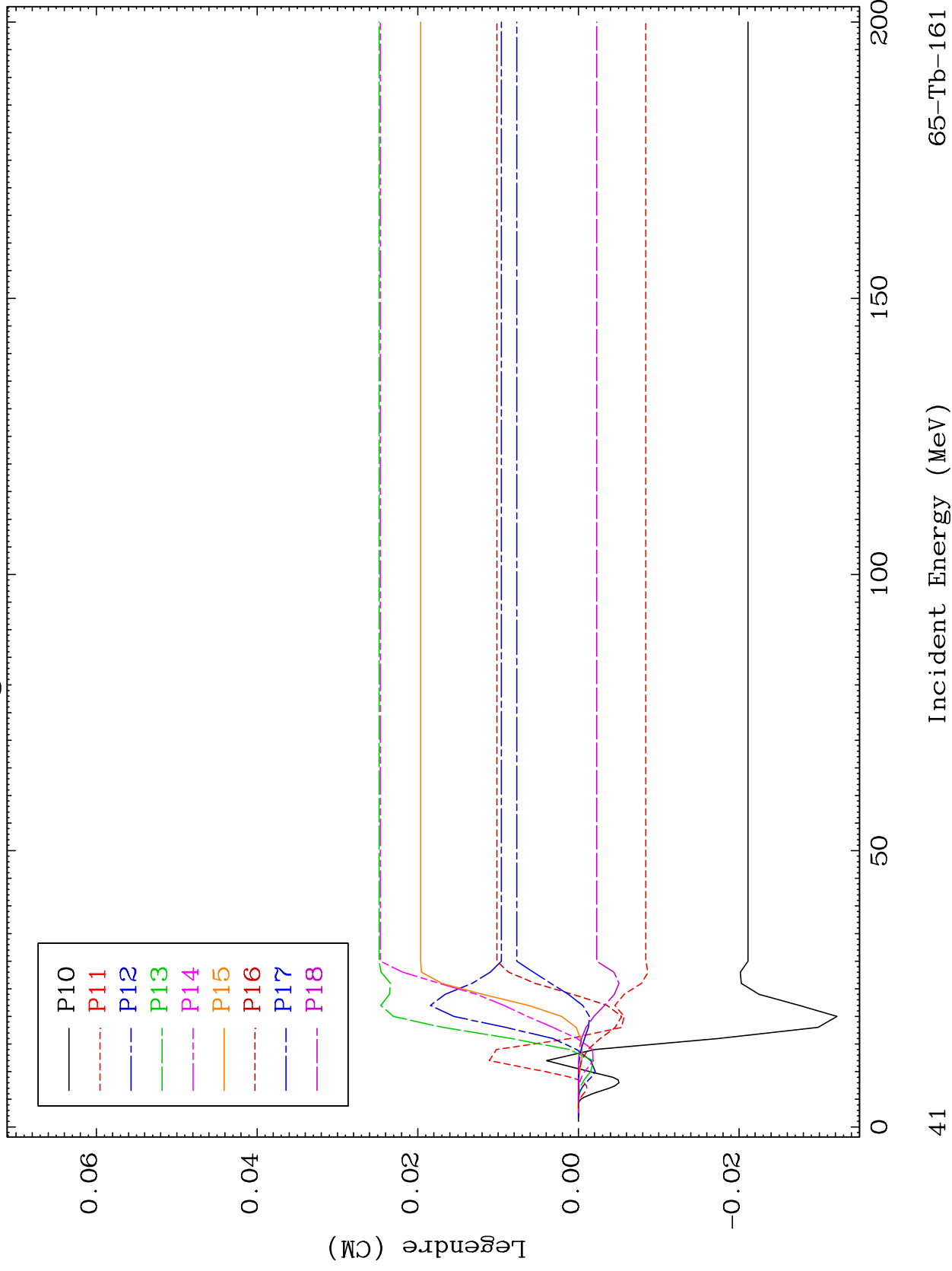
Incident Energy (MeV)

40

MAT 6531

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

65-Tb-161



41

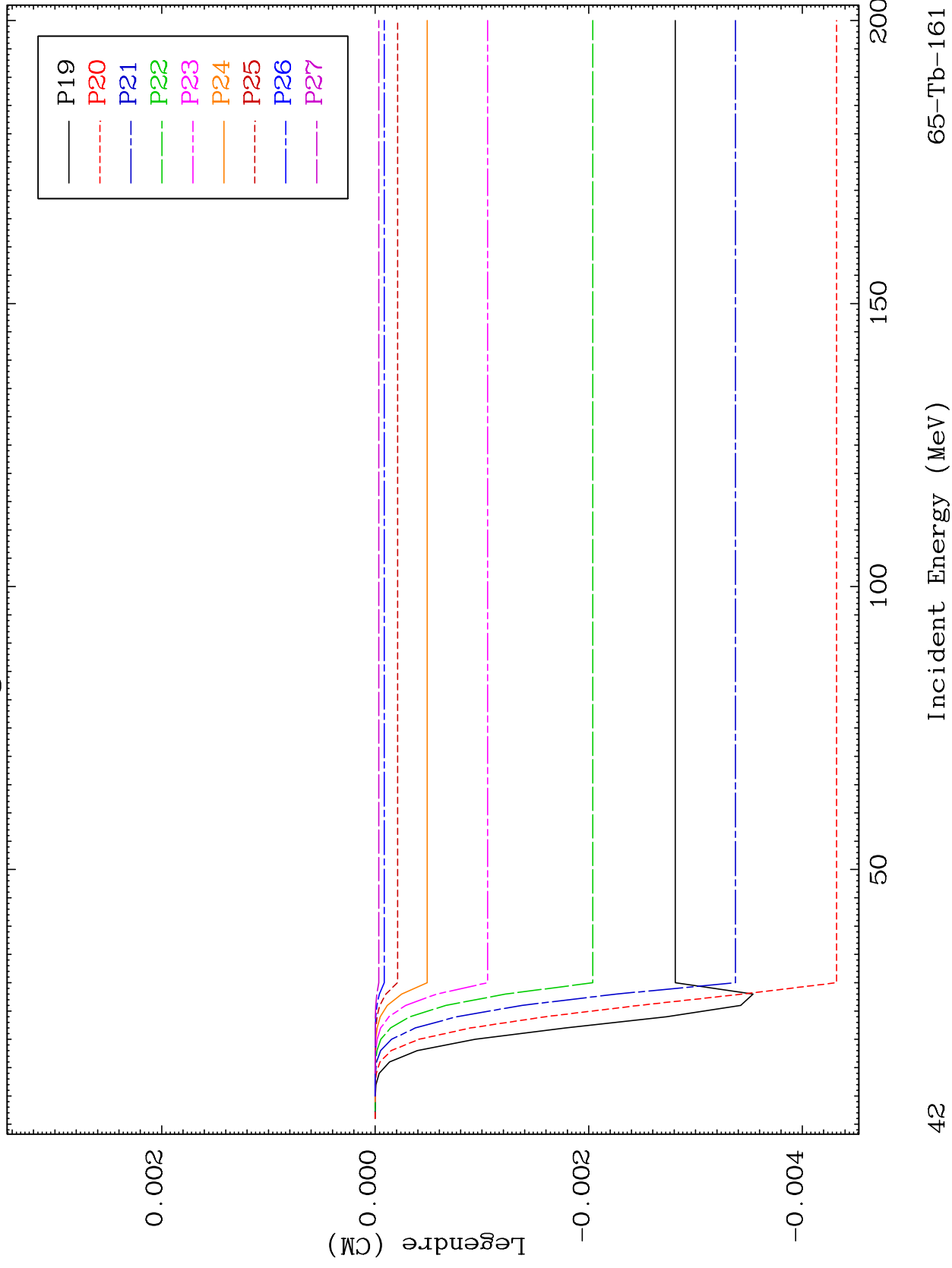
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

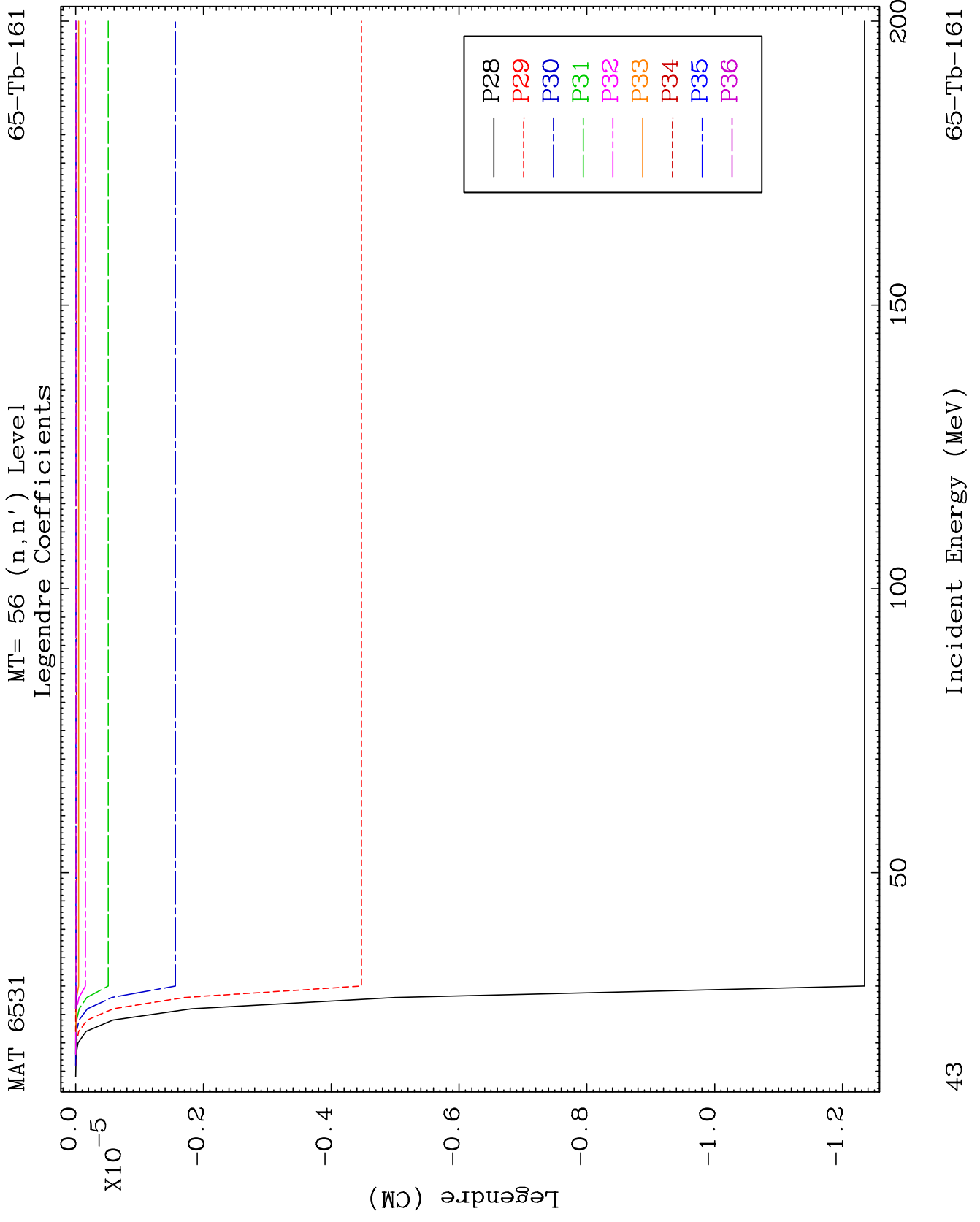
65-Tb-161



42

Incident Energy (MeV)

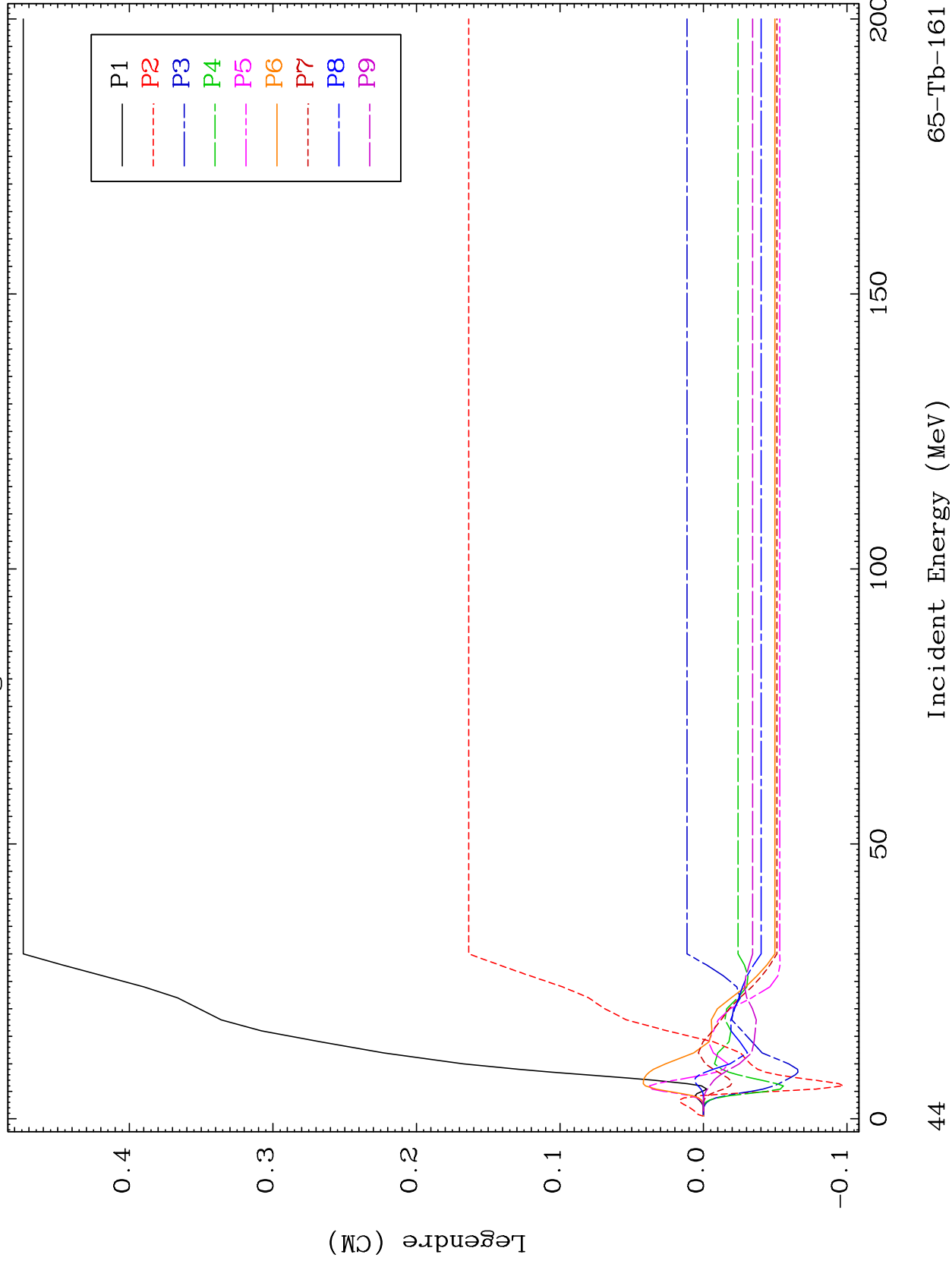
65-Tb-161



MAT 6531

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

65-Tb-161



44

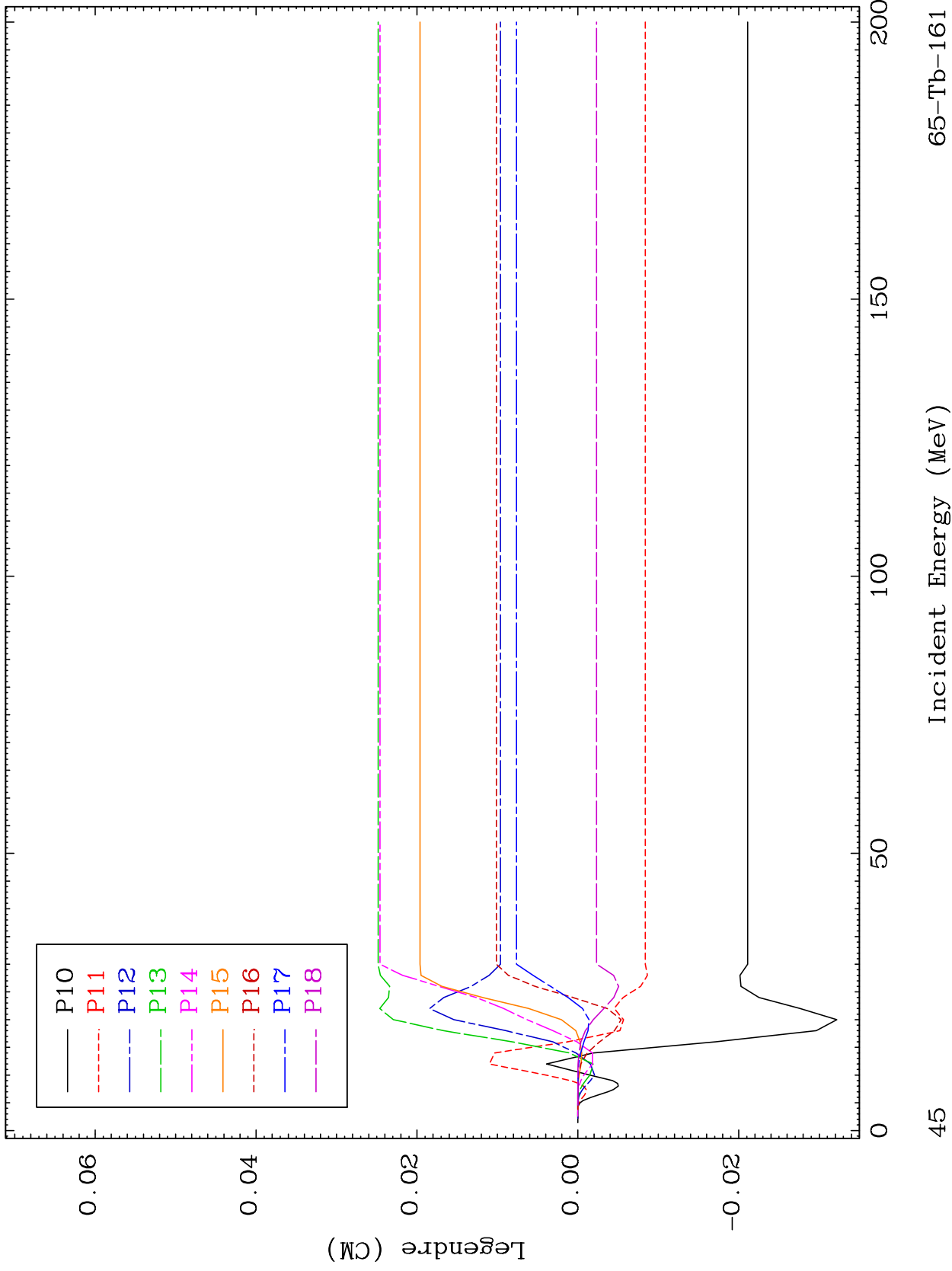
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

65-Tb-161



65-Tb-161

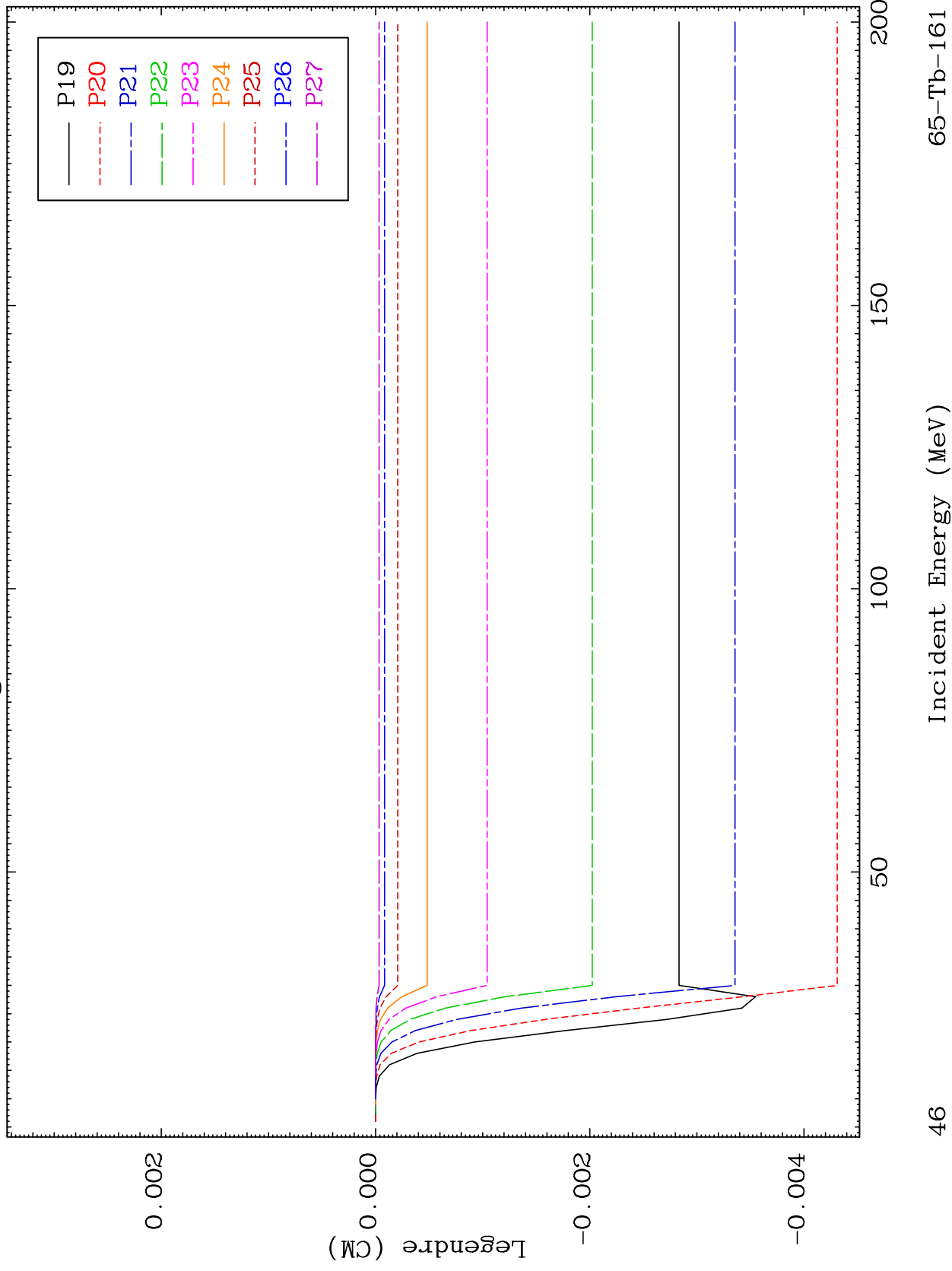
Incident Energy (MeV)

45

MAT 6531

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

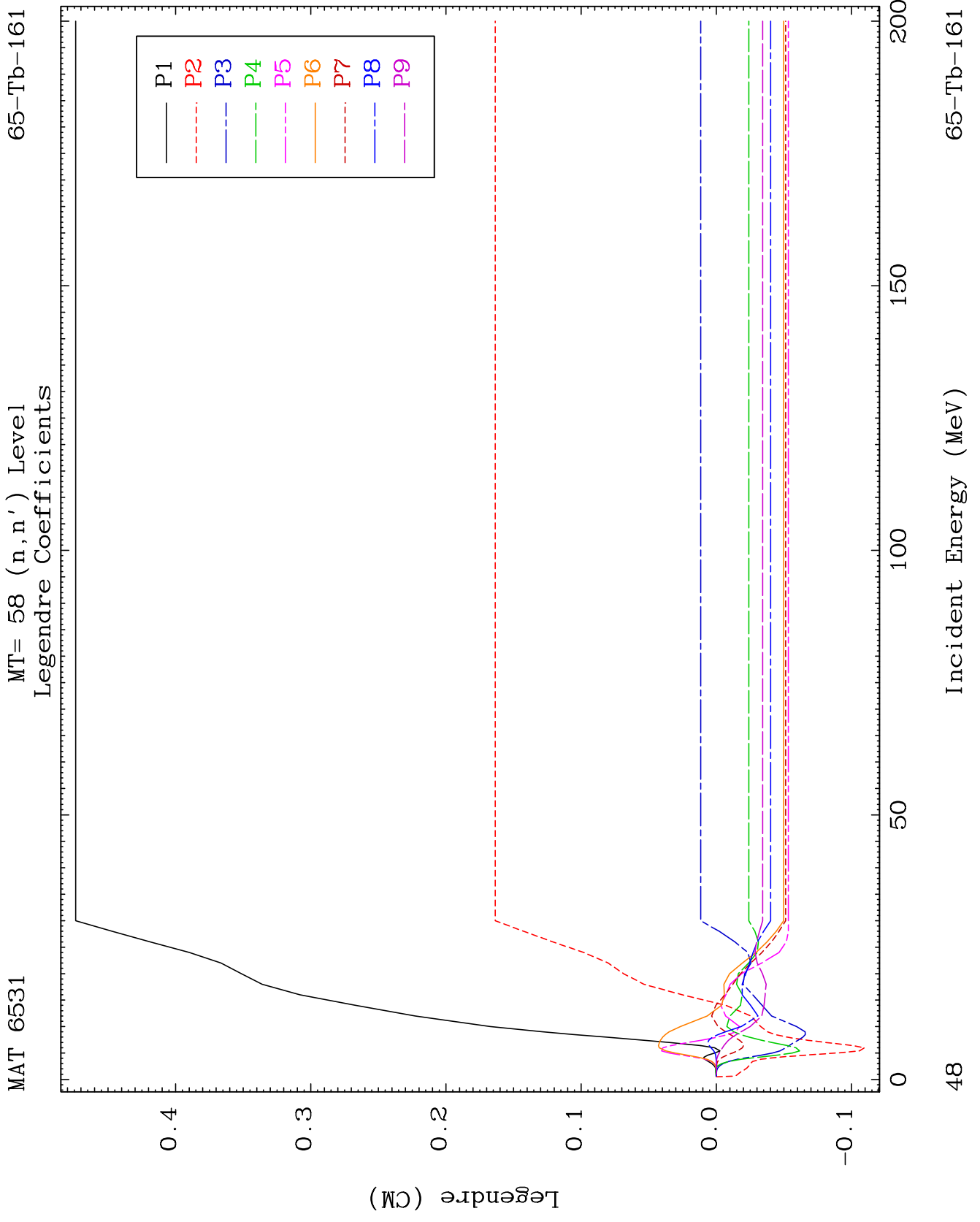
65-Tb-161



46

Incident Energy (MeV)

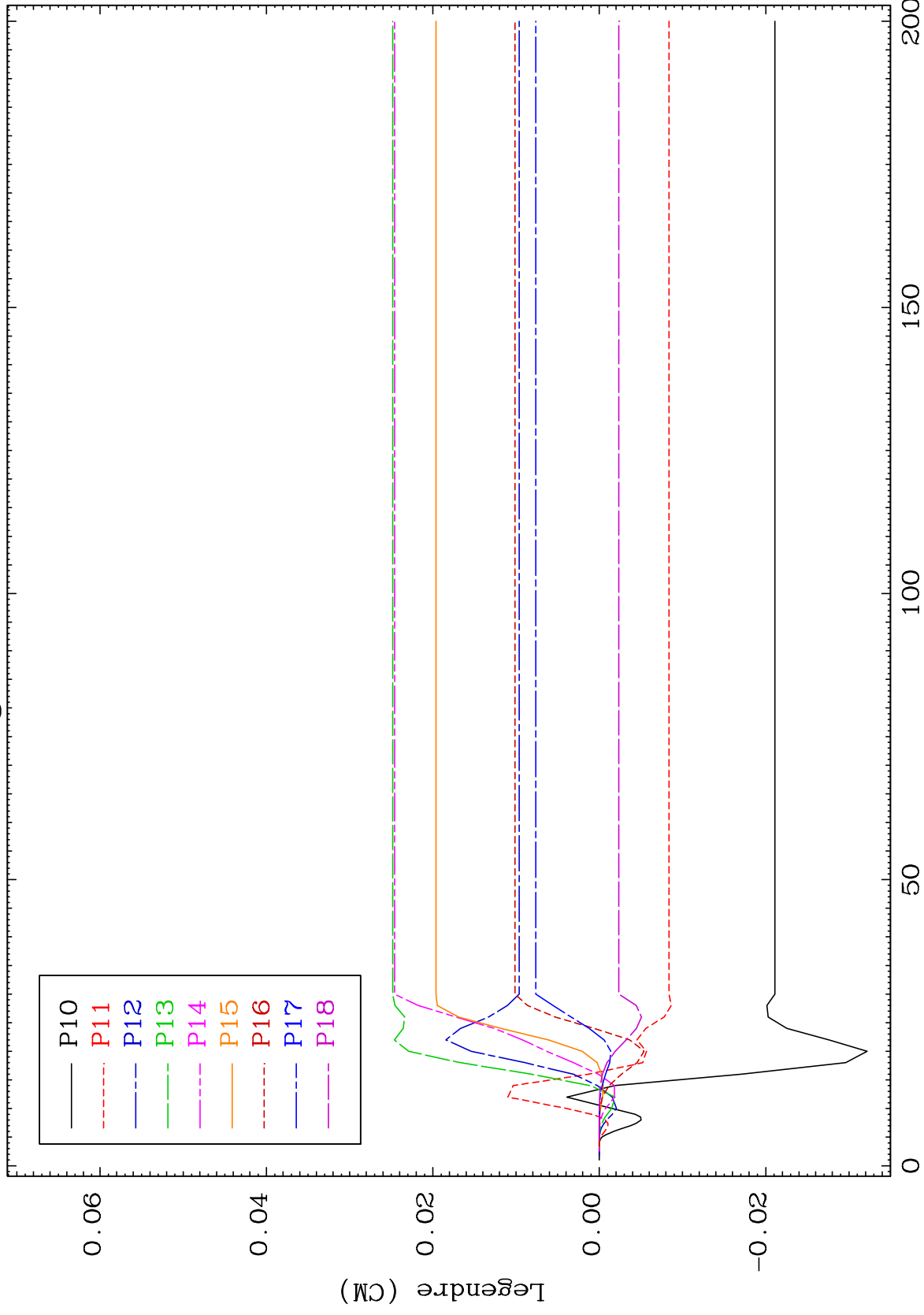
65-Tb-161



MAT 6531

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

65-Tb-161



49

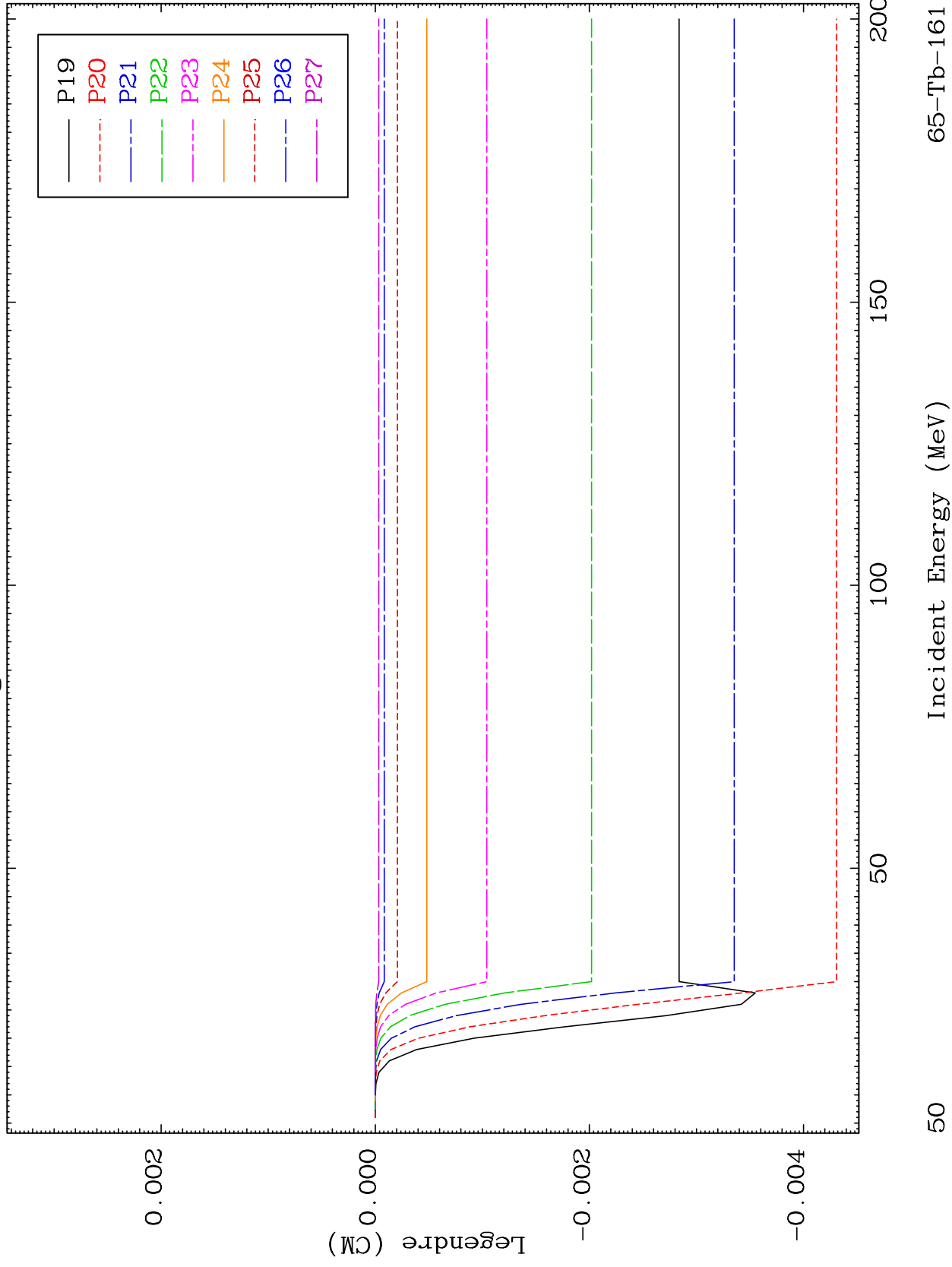
Incident Energy (MeV)

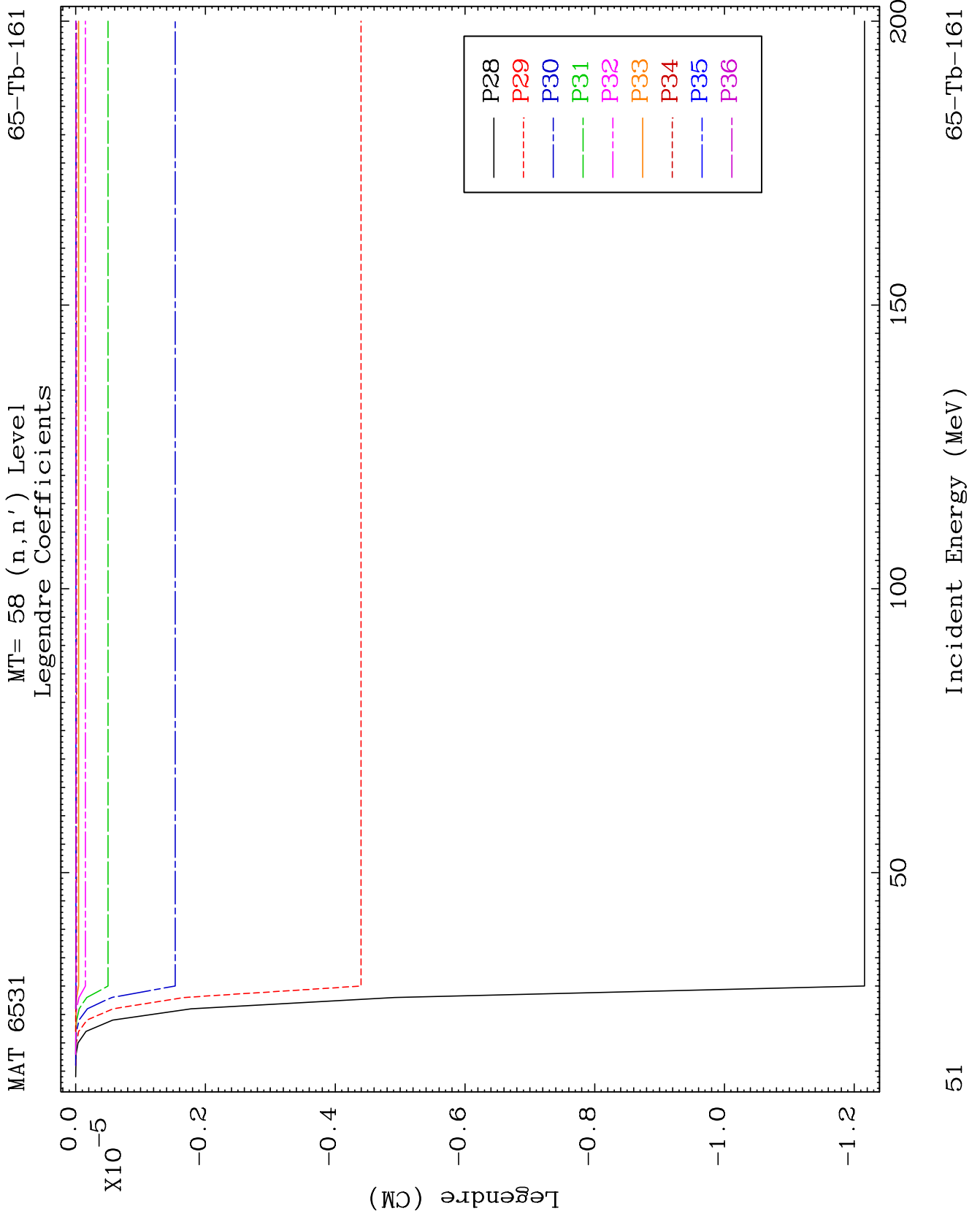
65-Tb-161

MAT 6531

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

65-Tb-161

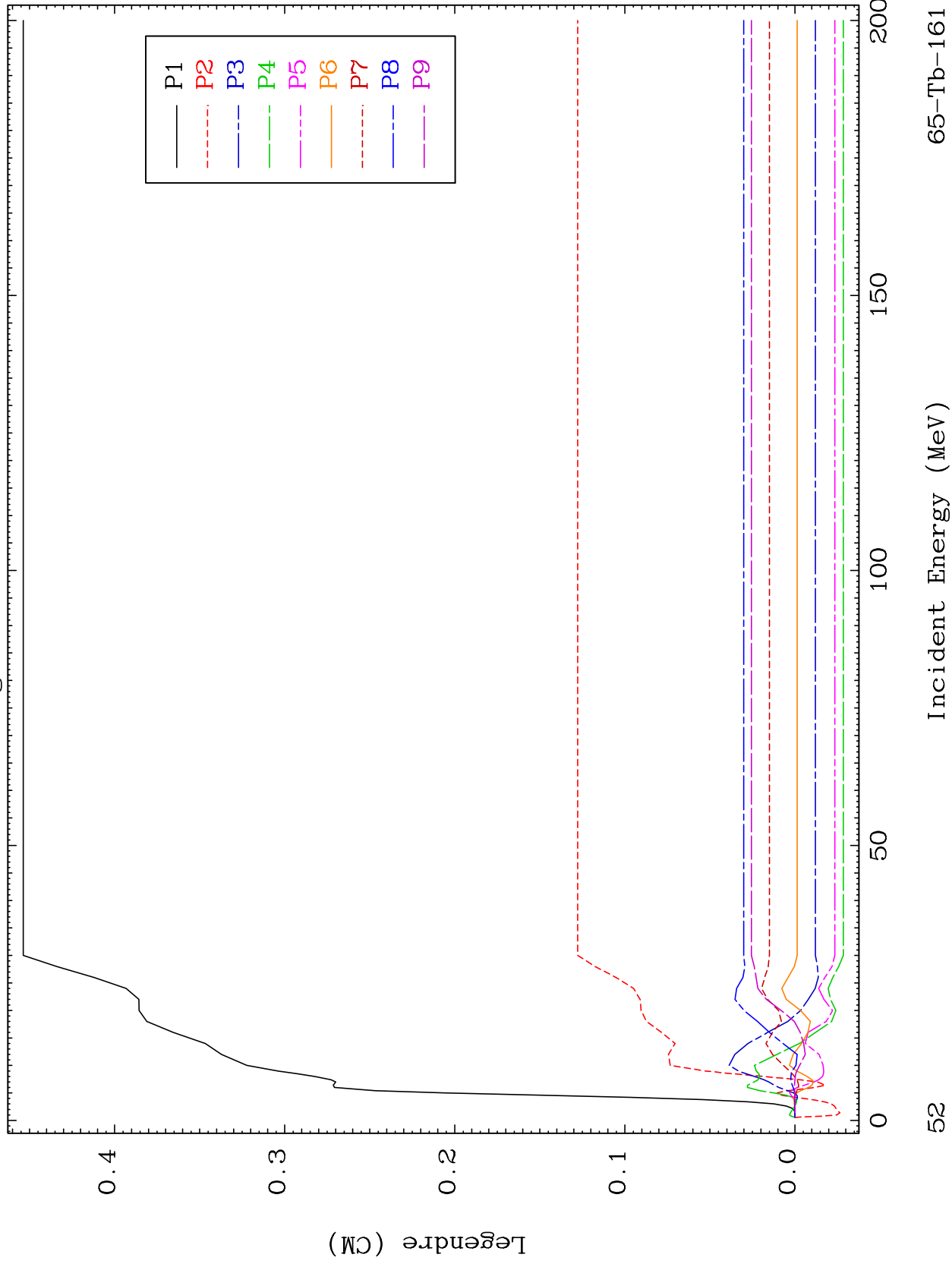




MAT 6531

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

65-Tb-161



65-Tb-161

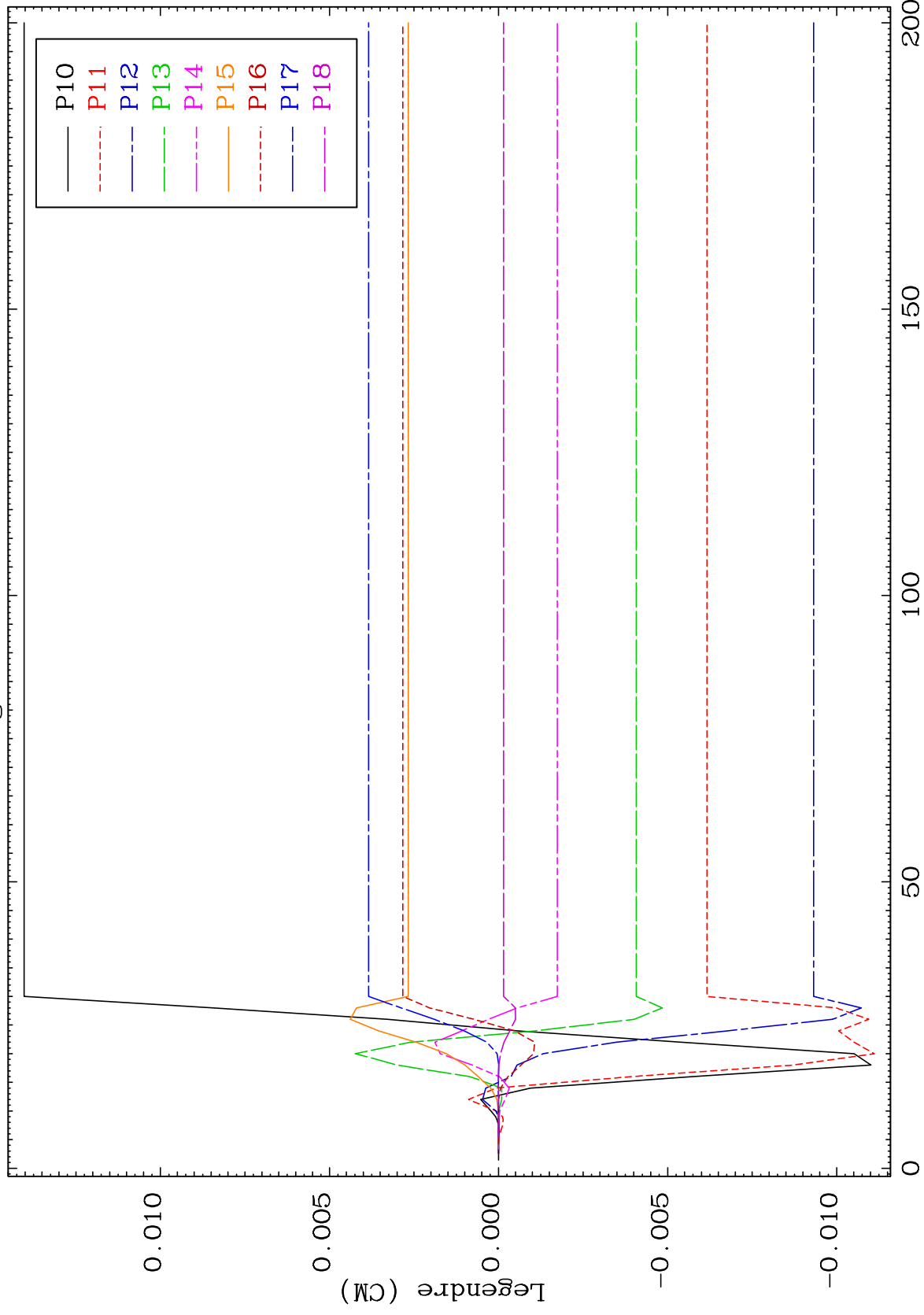
Incident Energy (MeV)

52

MAT 6531

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

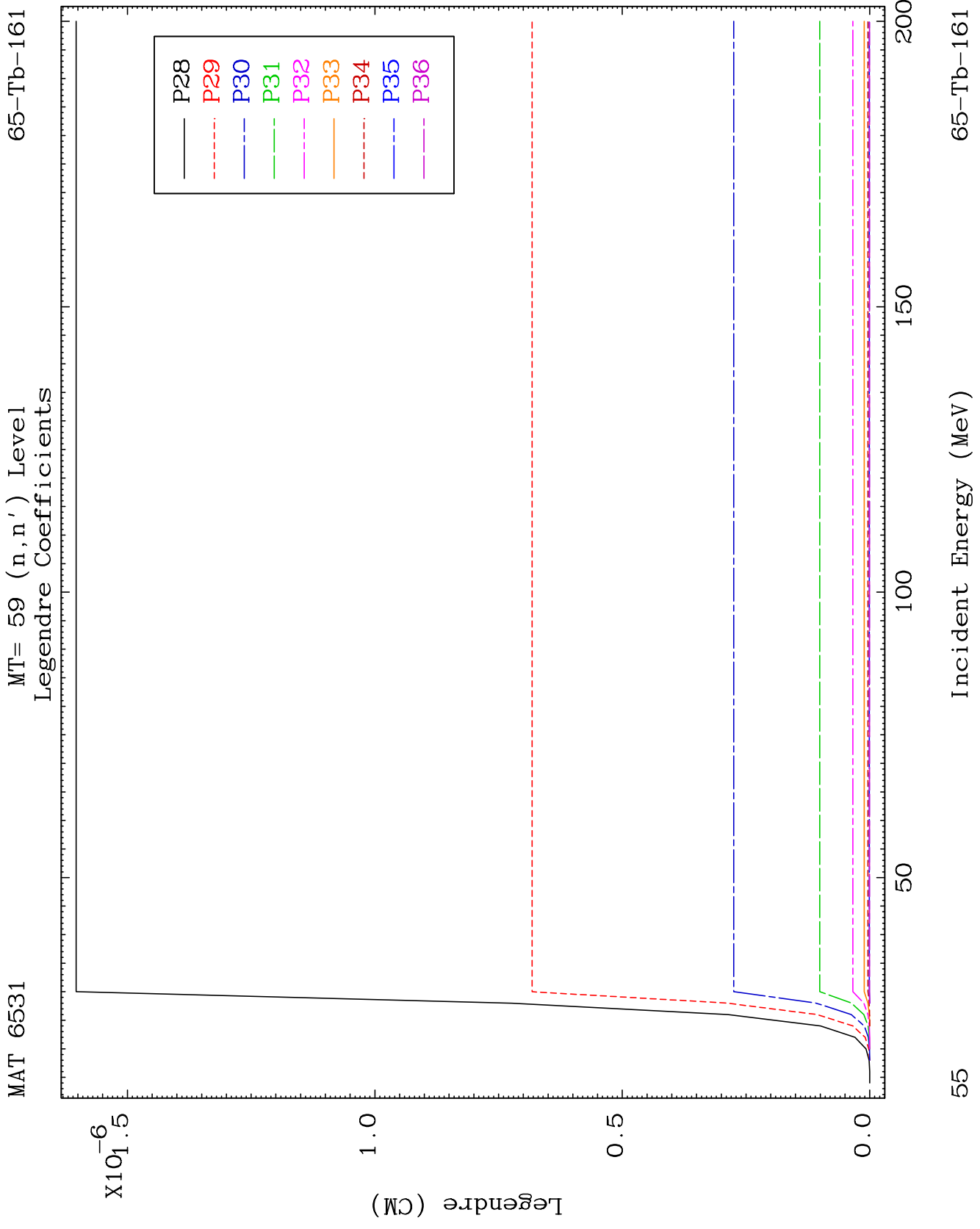
65-Tb-161

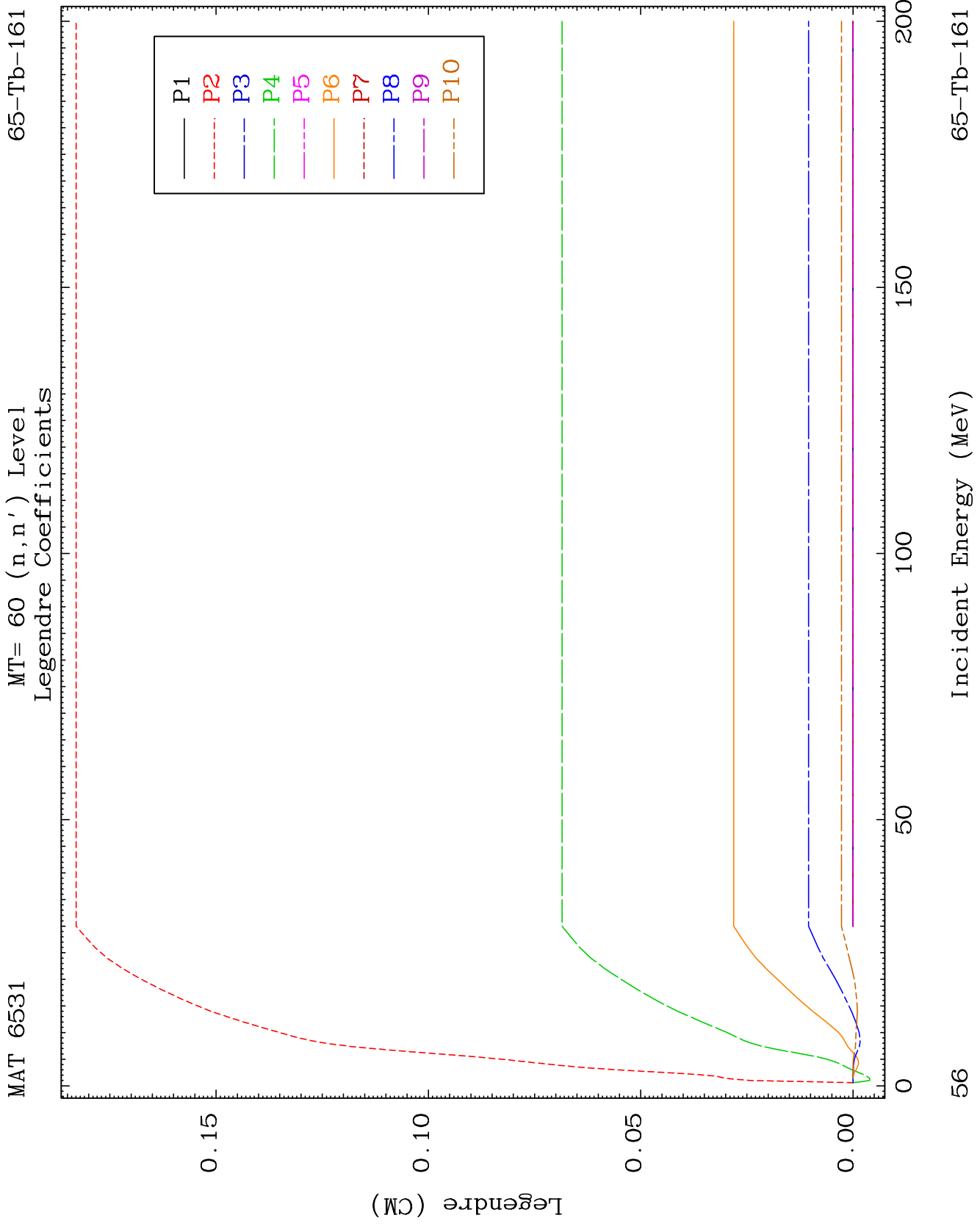


53

Incident Energy (MeV)

65-Tb-161

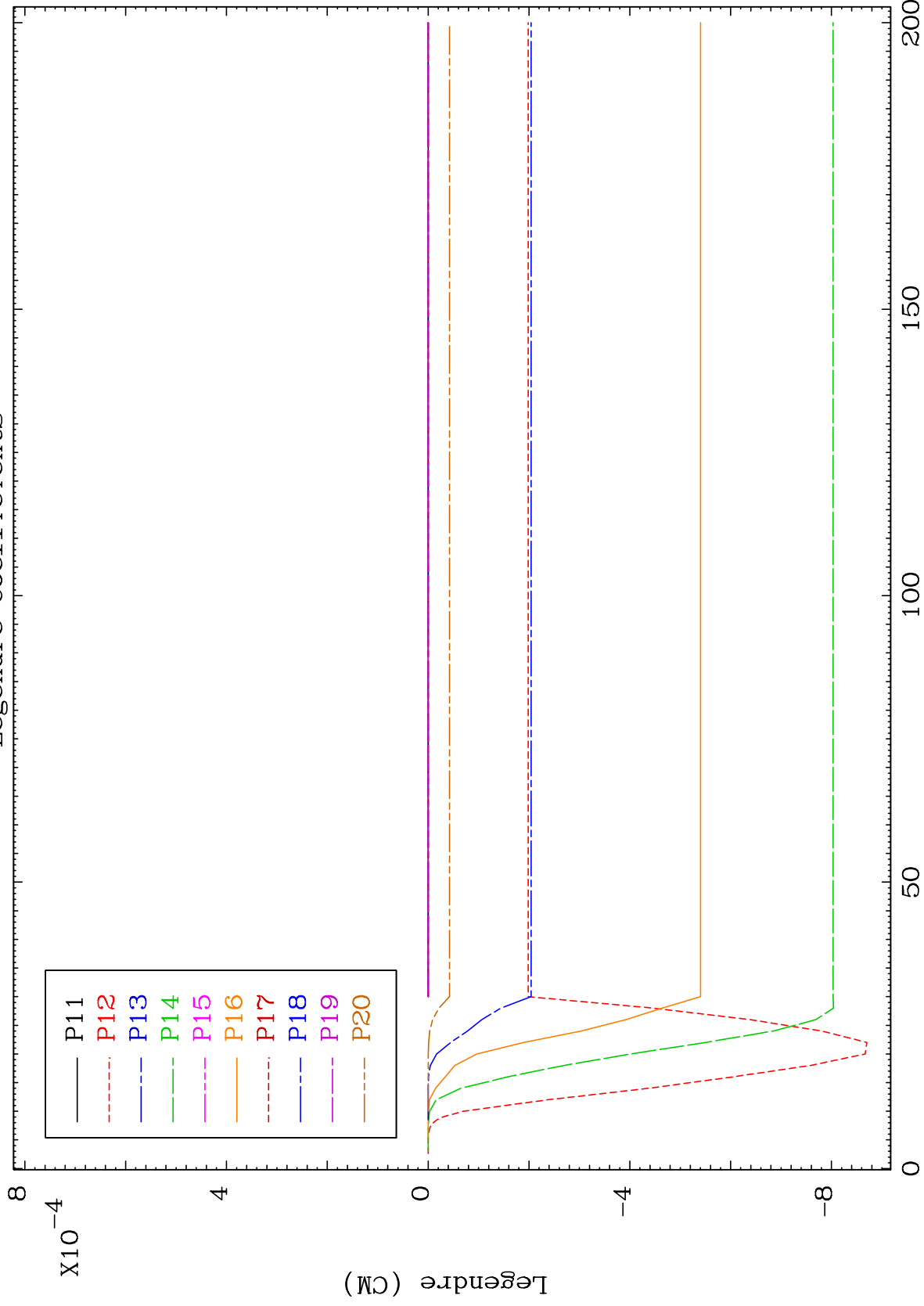




MAT 6531

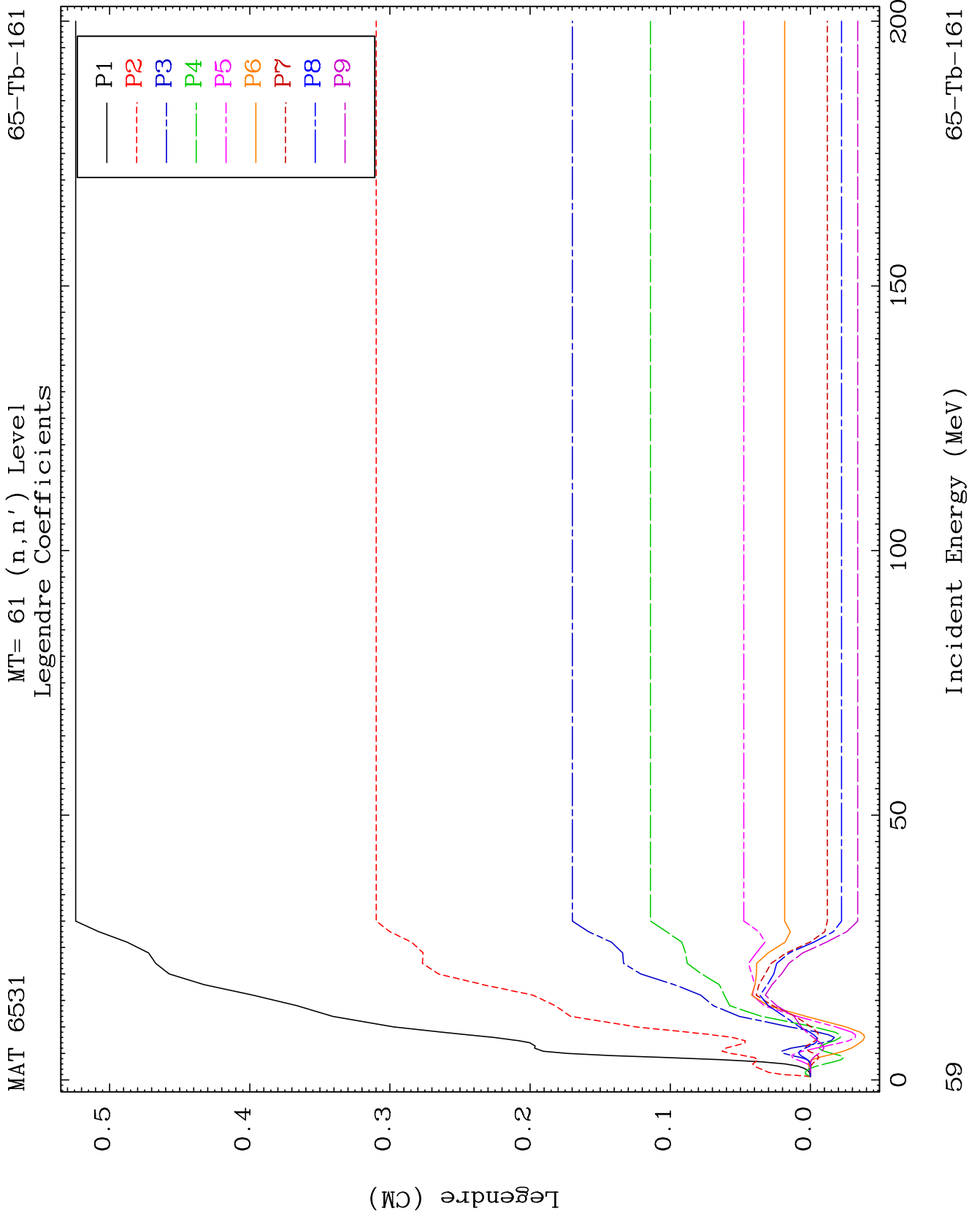
MT= 60 (n,n') Level
Legendre Coefficients

65-Tb-161



57

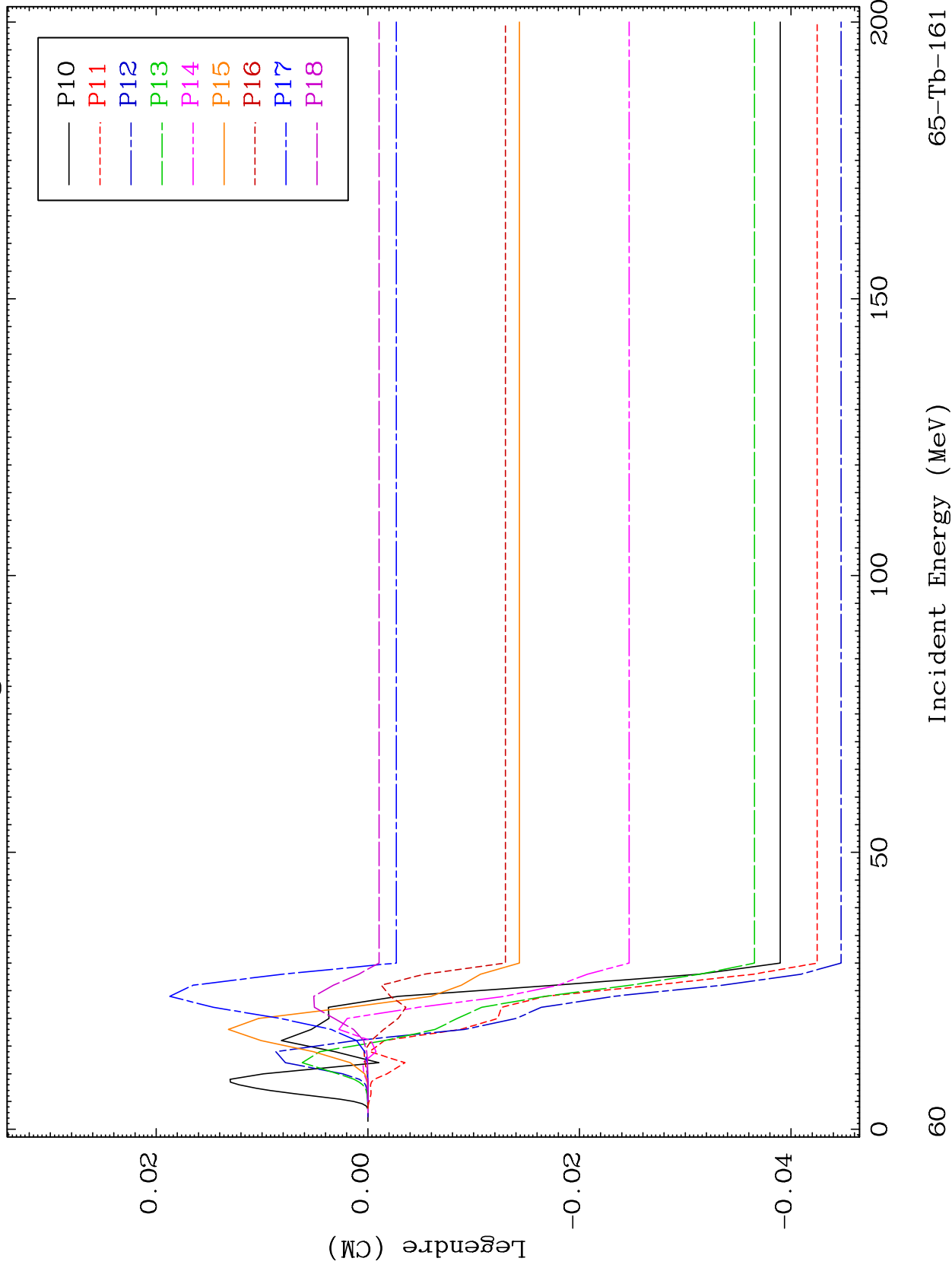
65-Tb-161

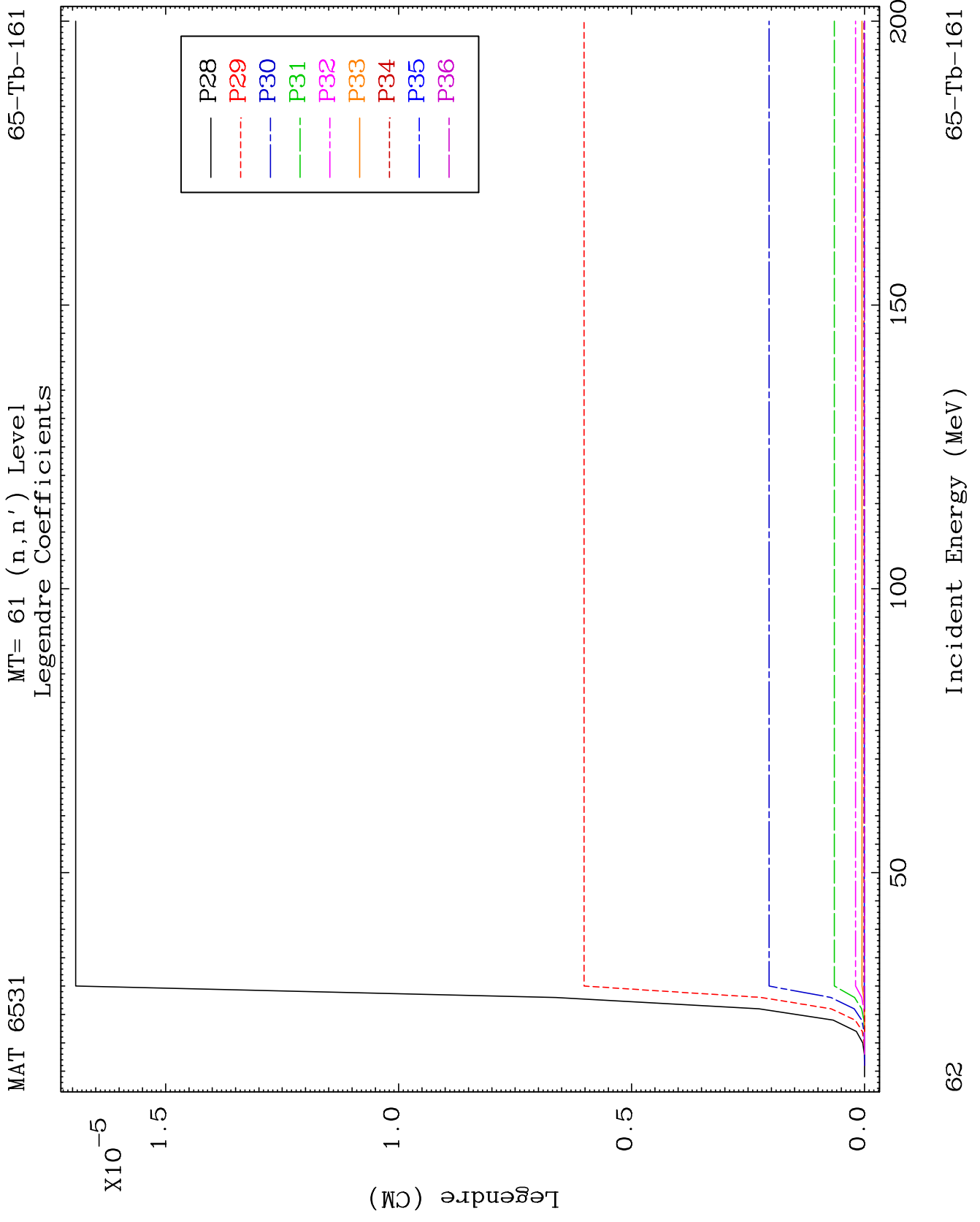


MAT 6531

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

65-Tb-161

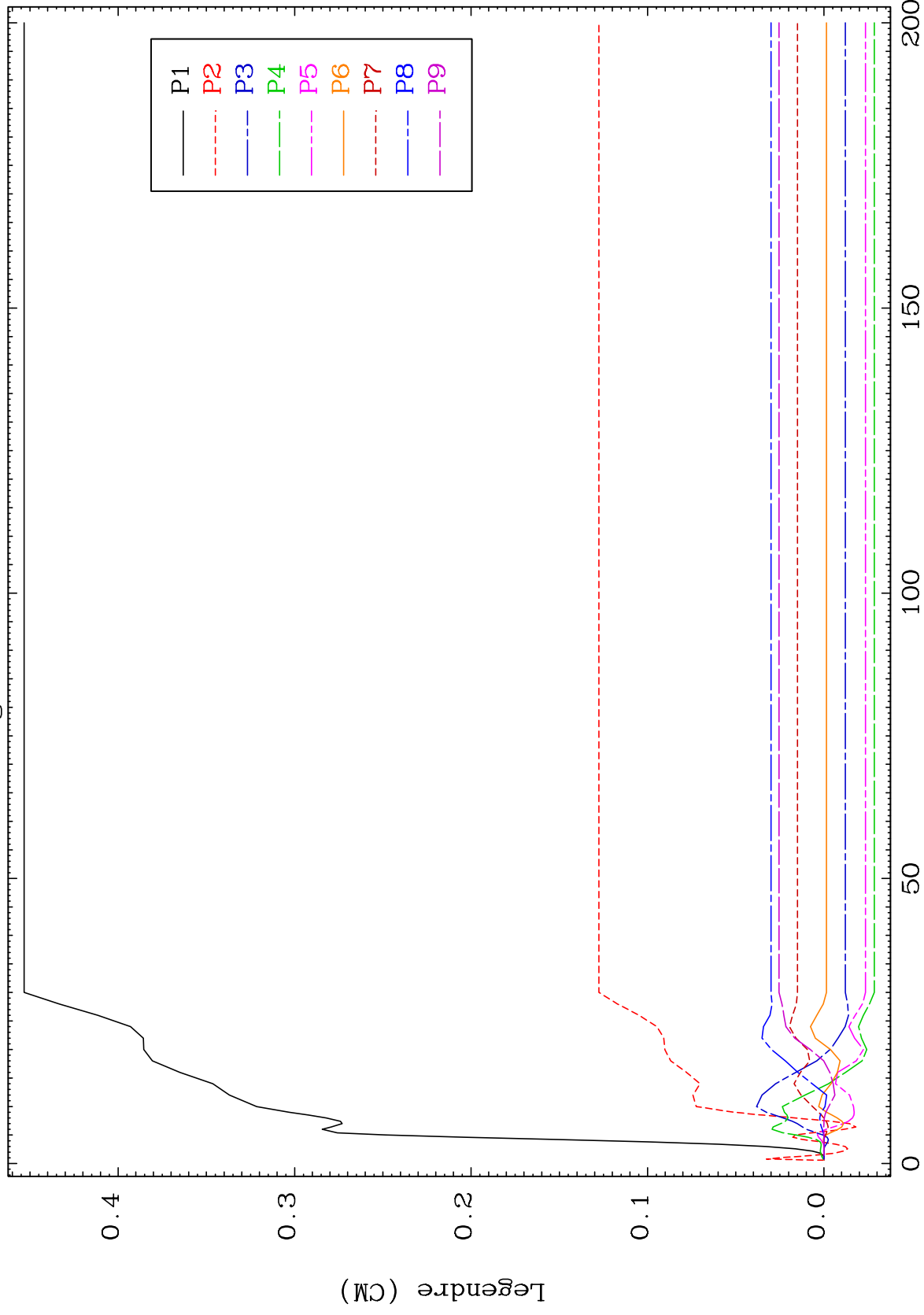




MAT 6531

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

65-Tb-161



63

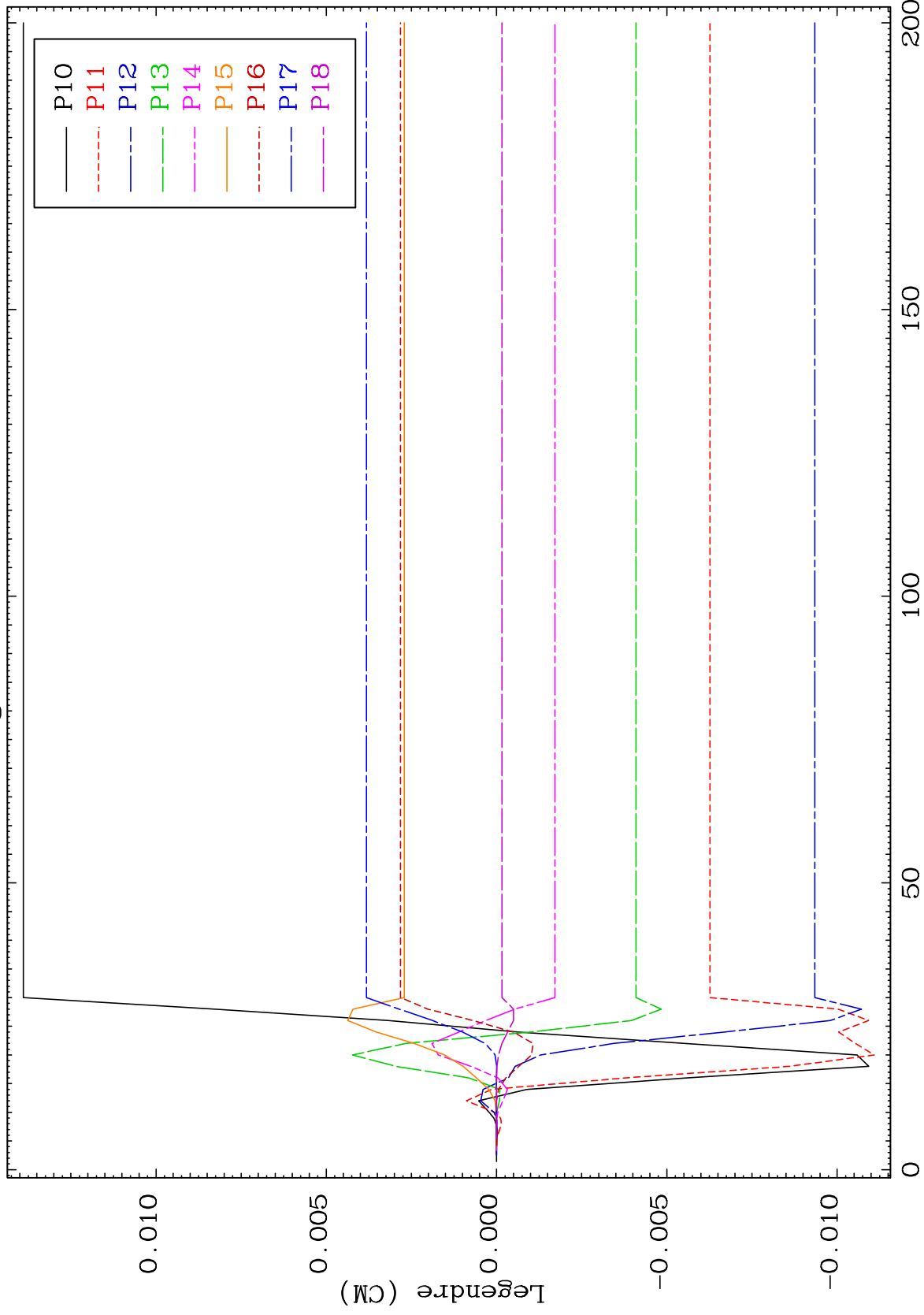
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

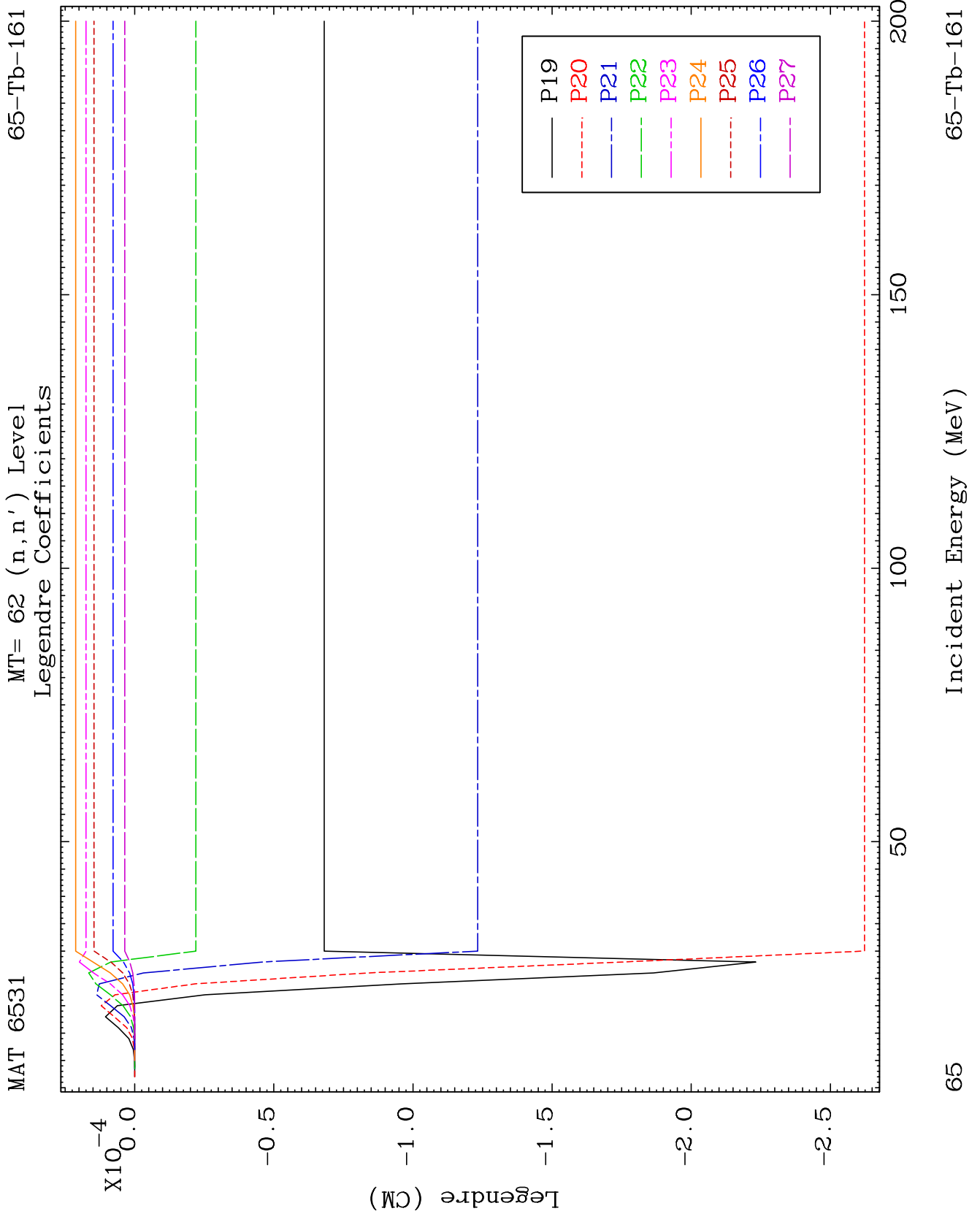
65-Tb-161

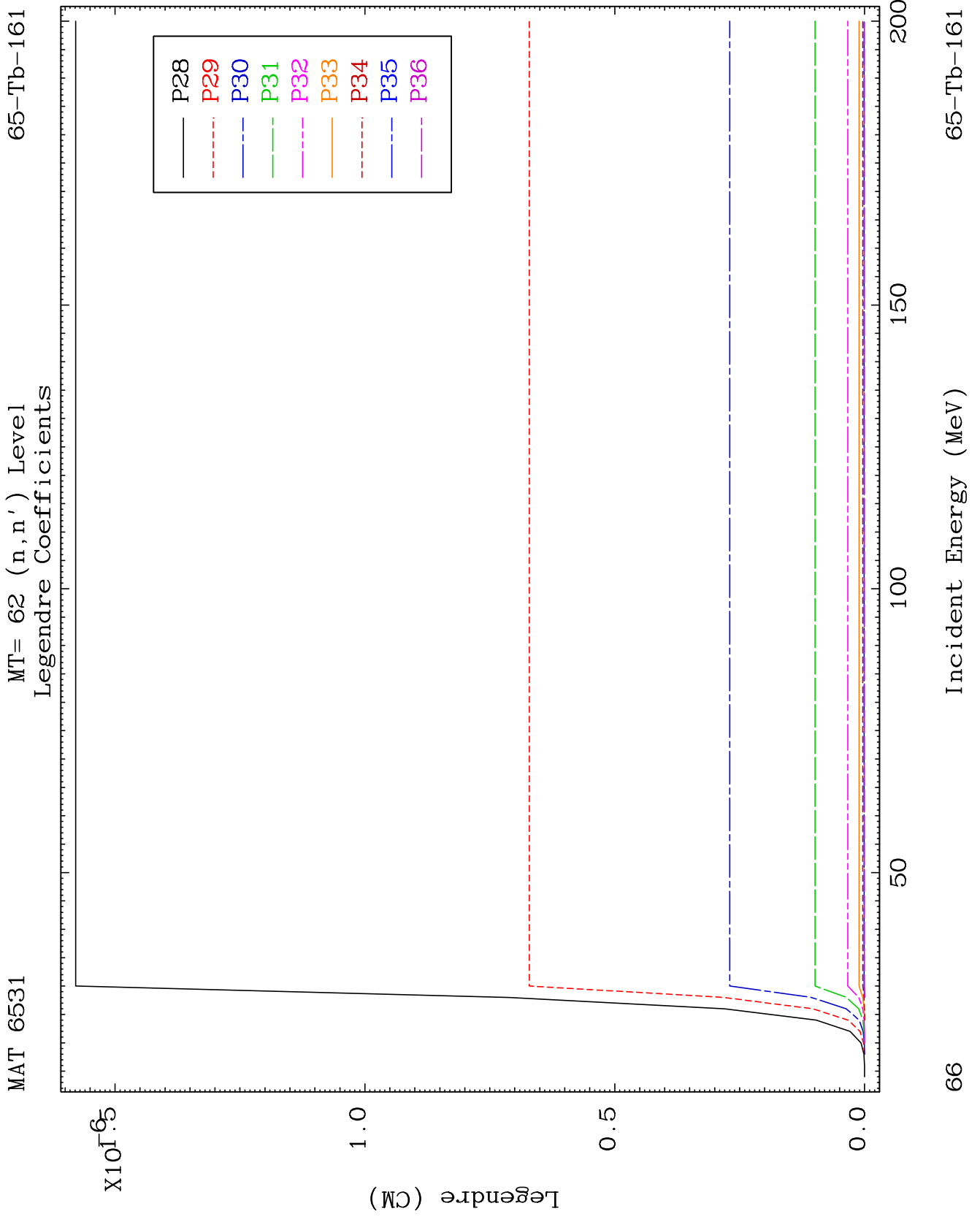


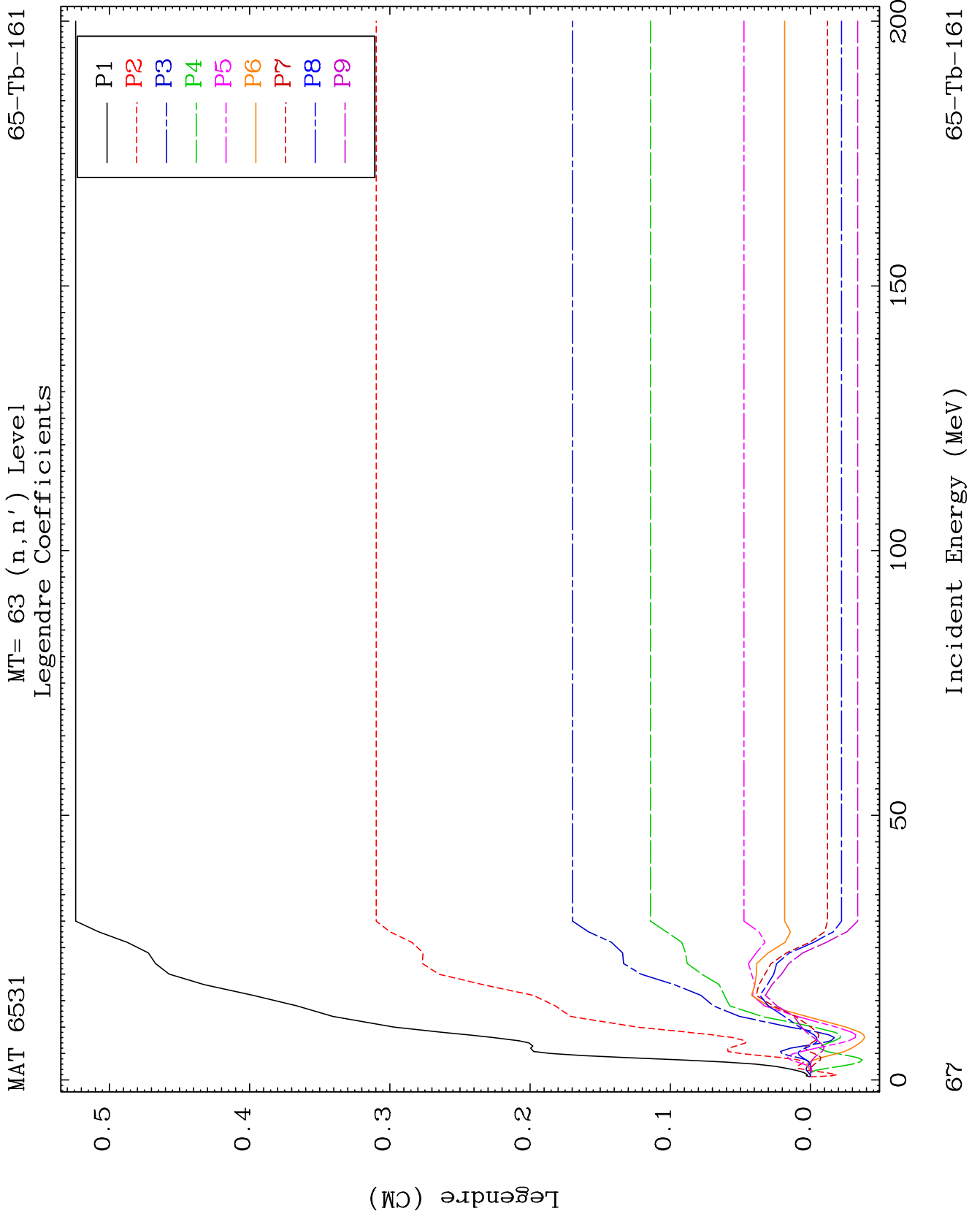
64

Incident Energy (MeV)

65-Tb-161



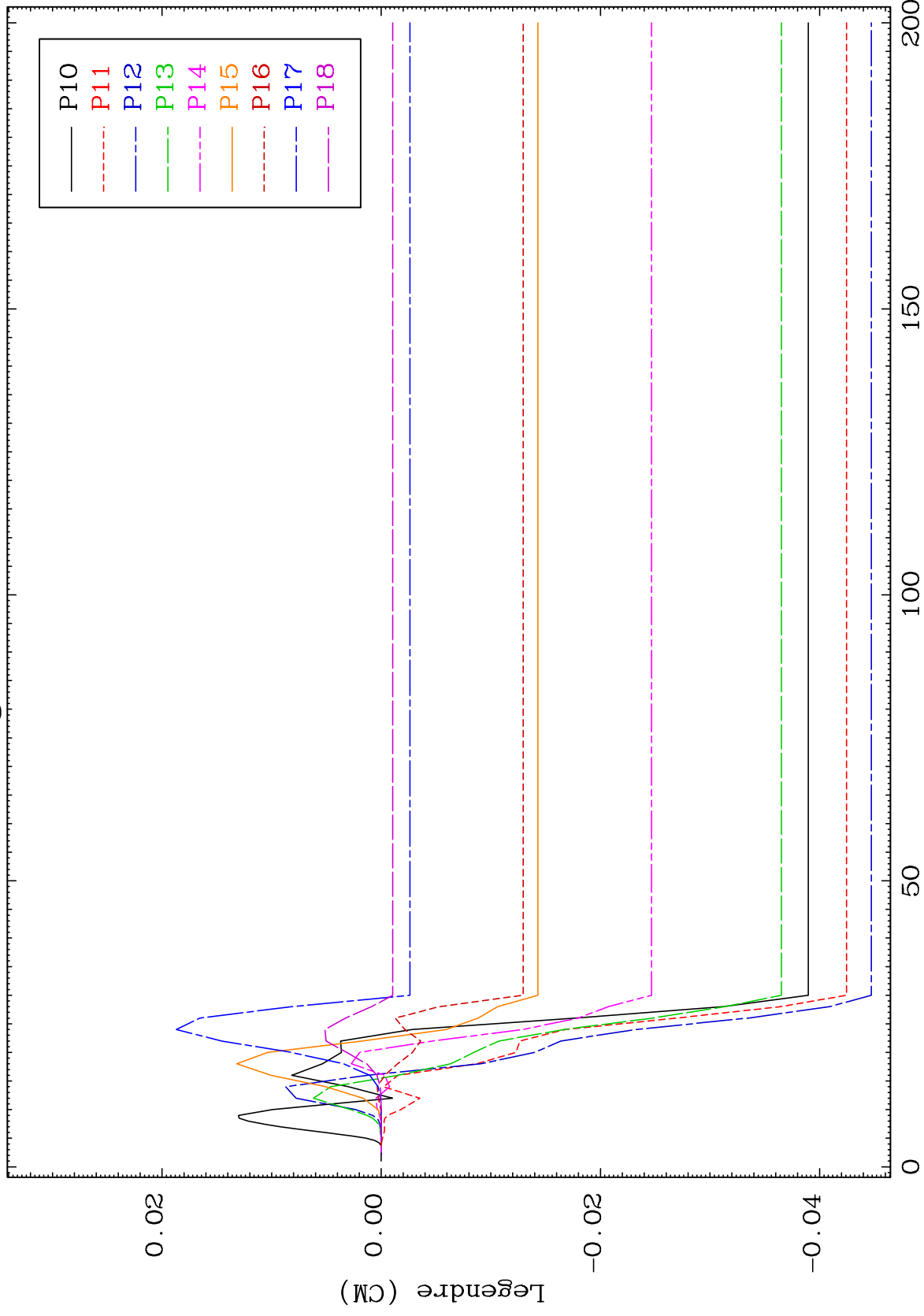




MAT 6531

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

65-Tb-161



68

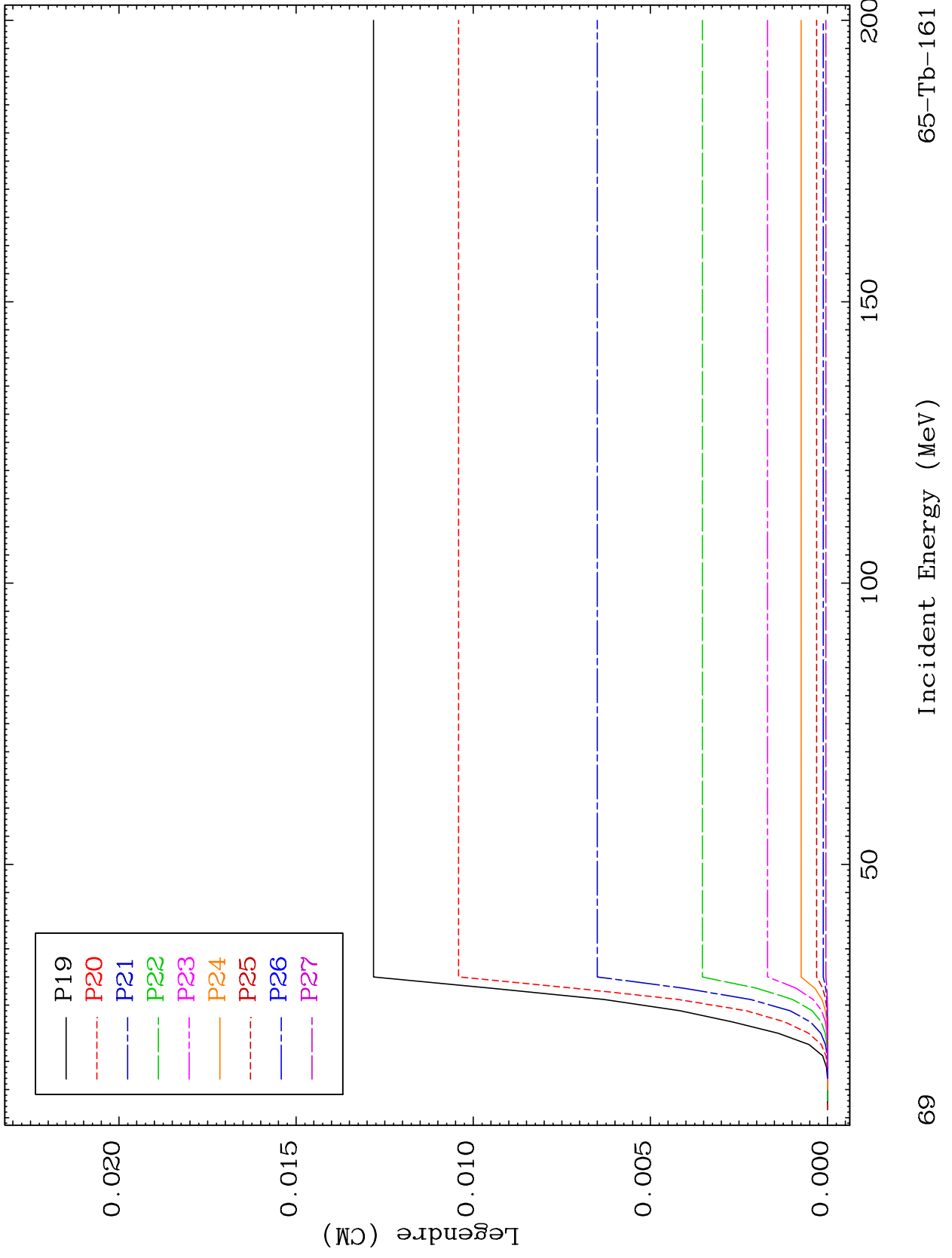
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

65-Tb-161



69

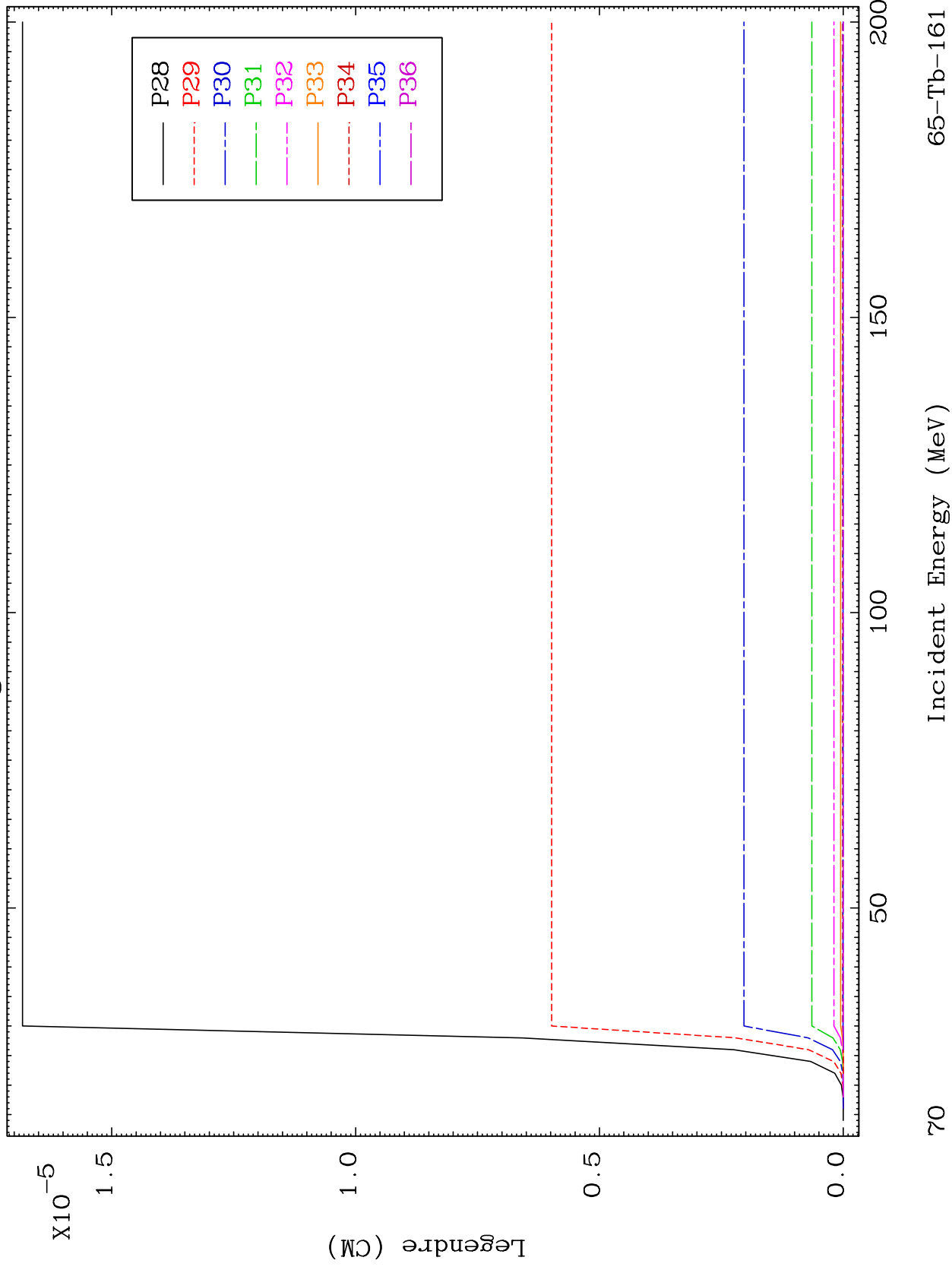
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

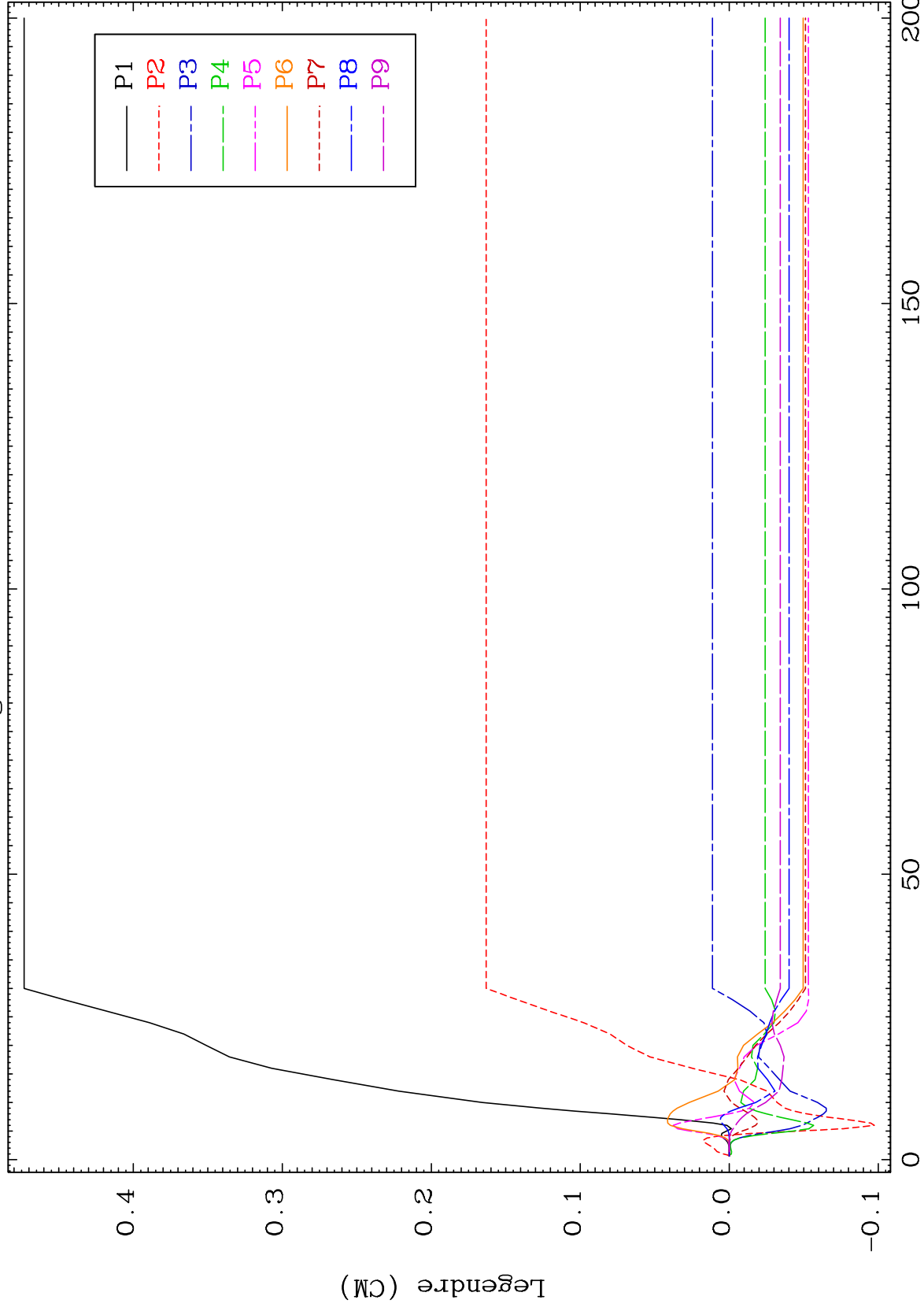
65-Tb-161



MAT 6531

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

65-Tb-161



71

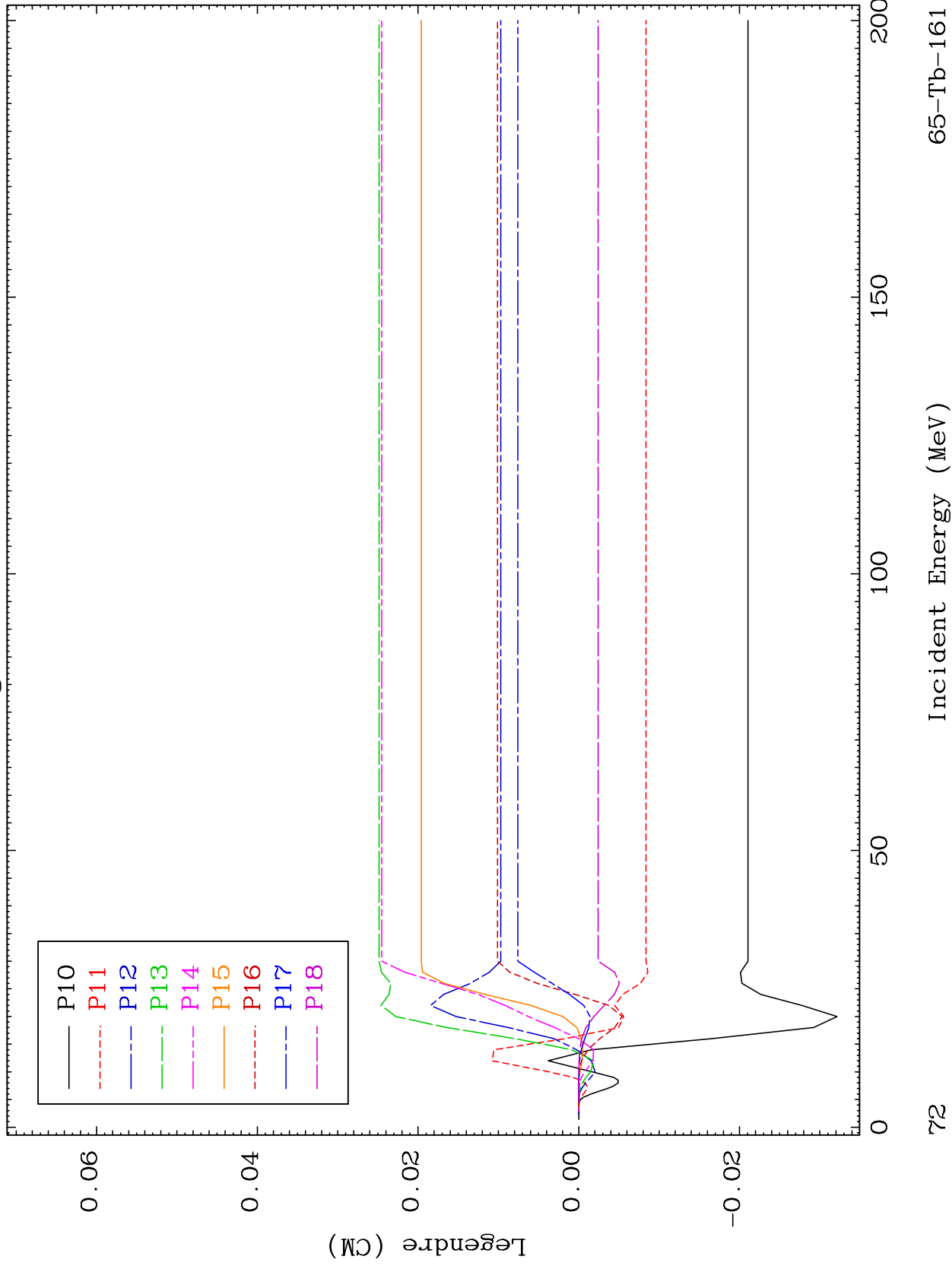
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

65-Tb-161



72

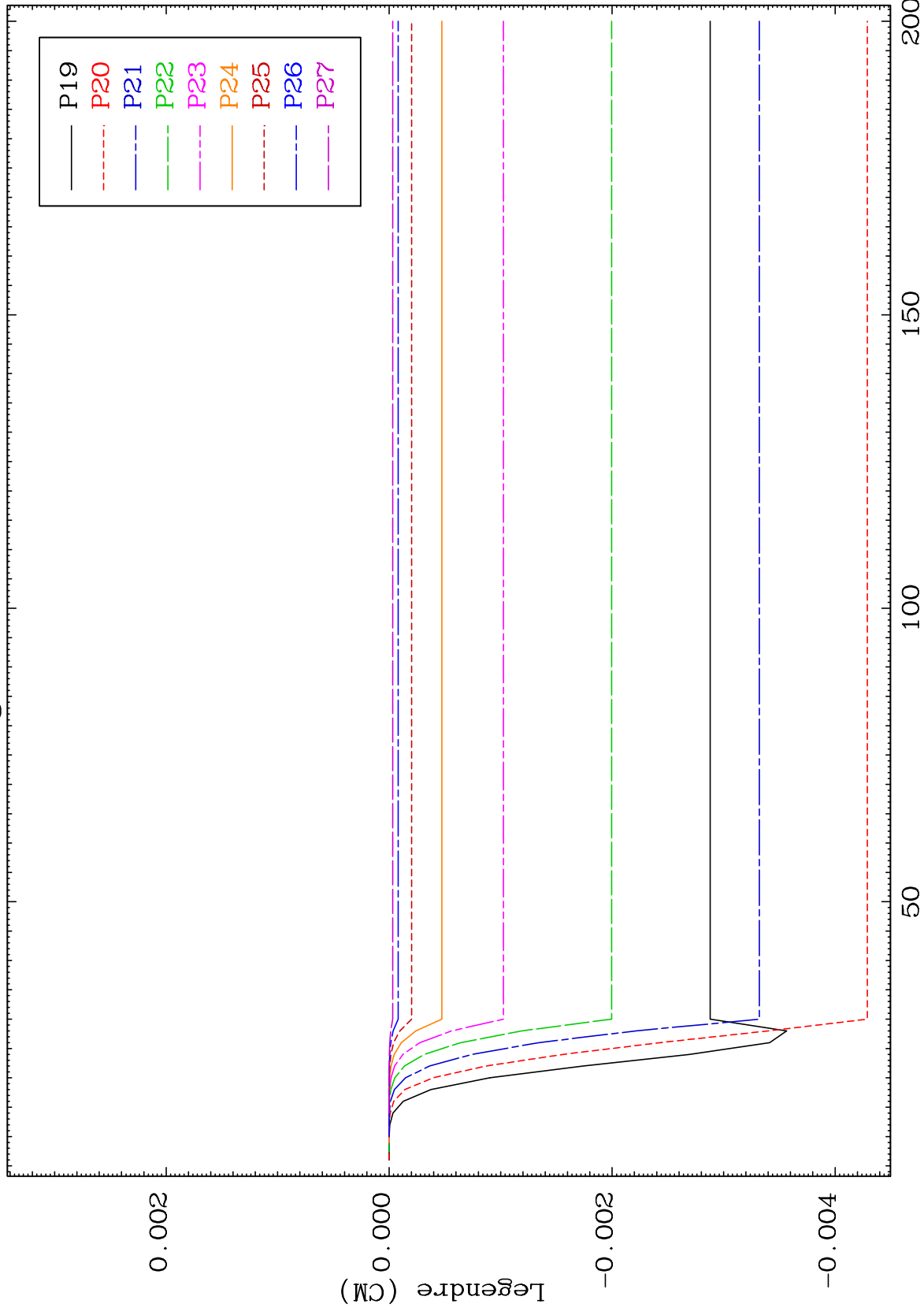
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

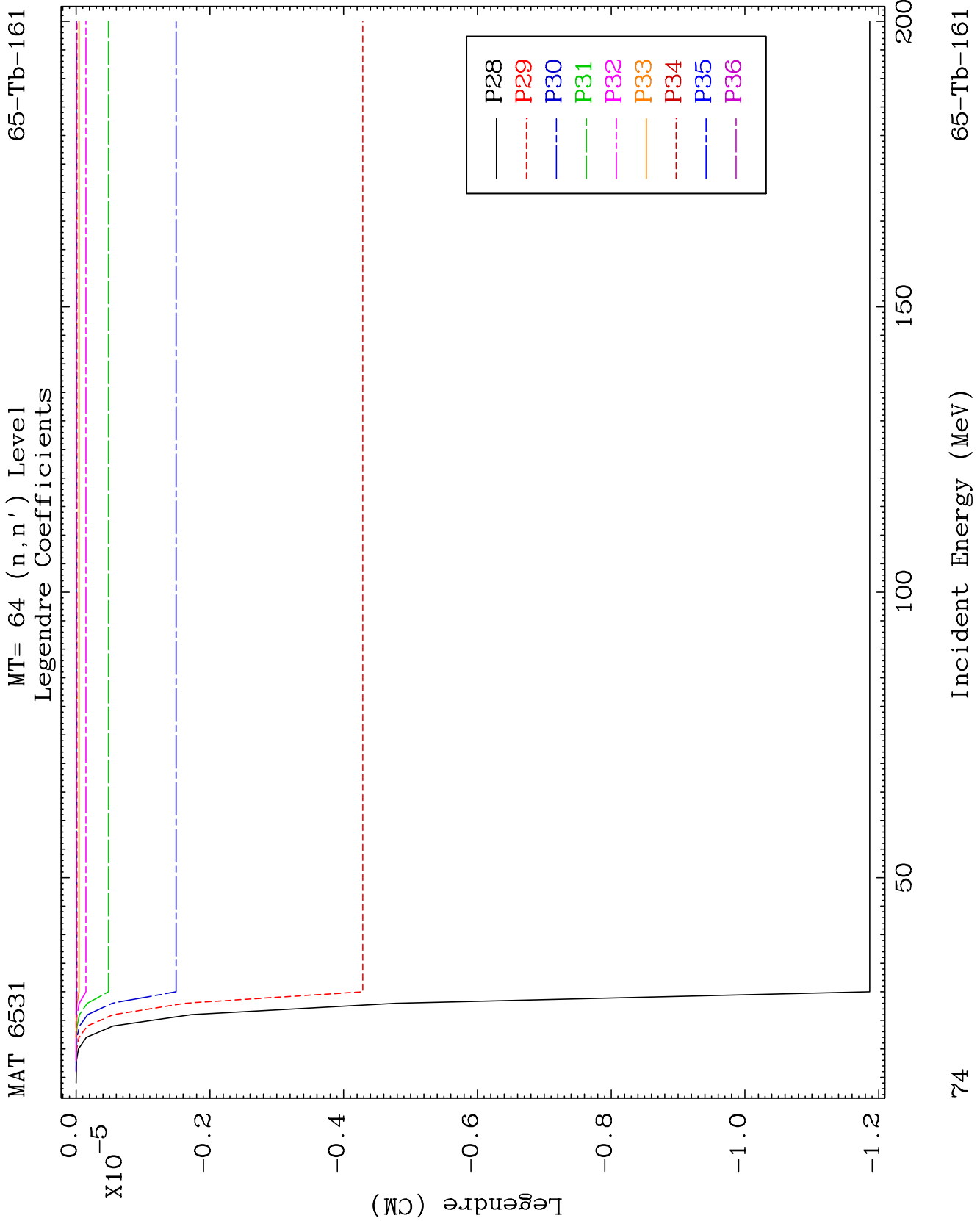
65-Tb-161

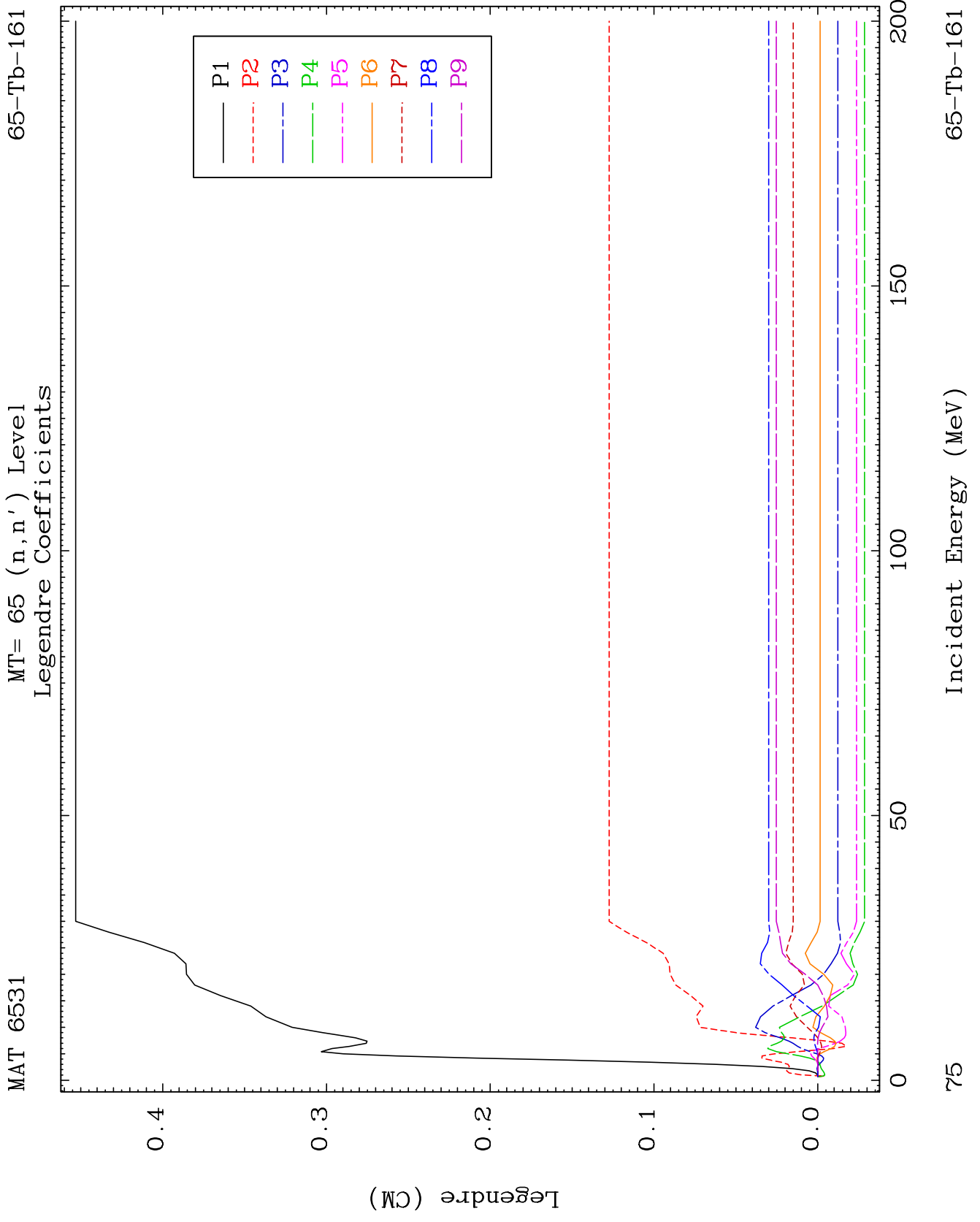


73

Incident Energy (MeV)

65-Tb-161

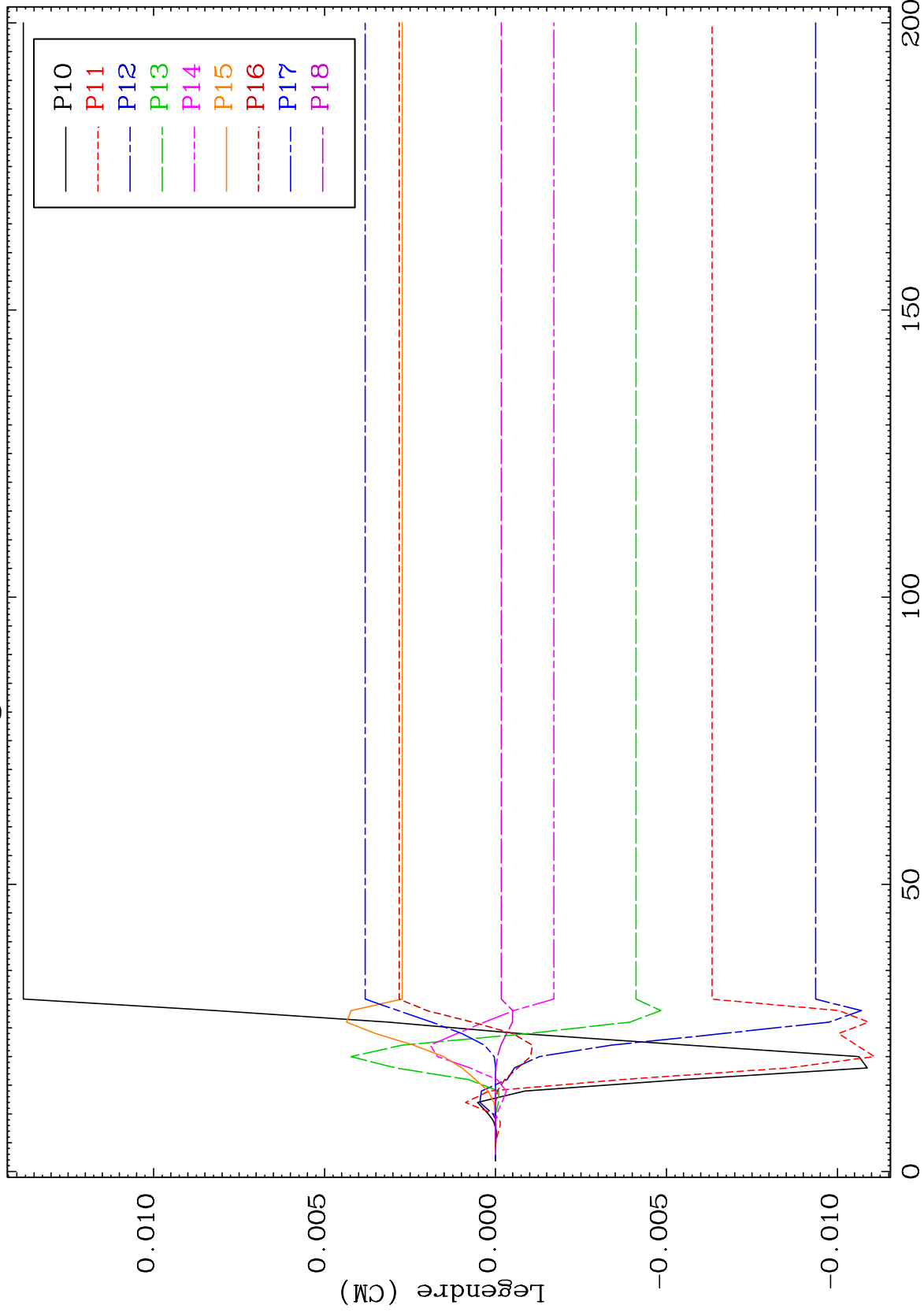




MAT 6531

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

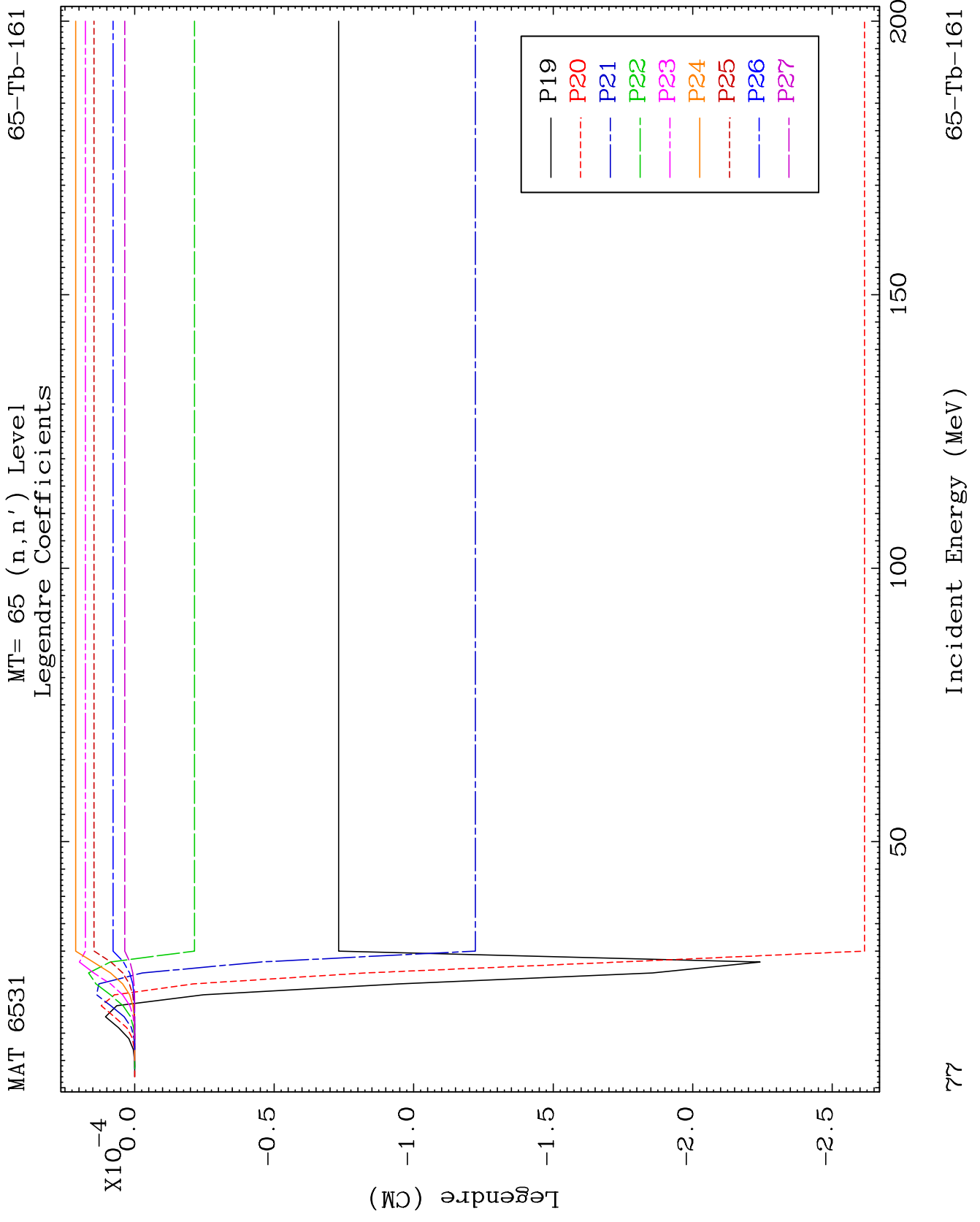
65-Tb-161

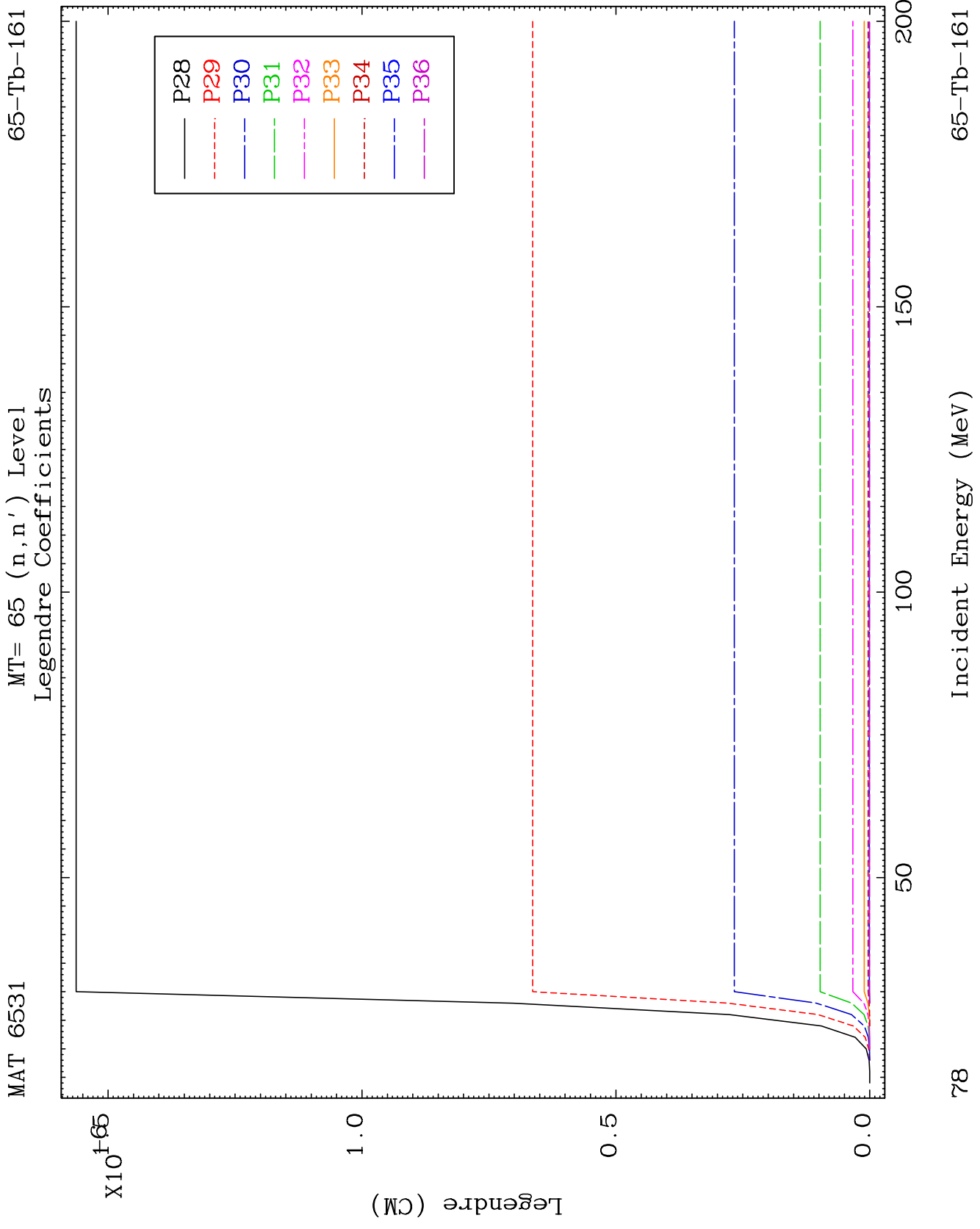


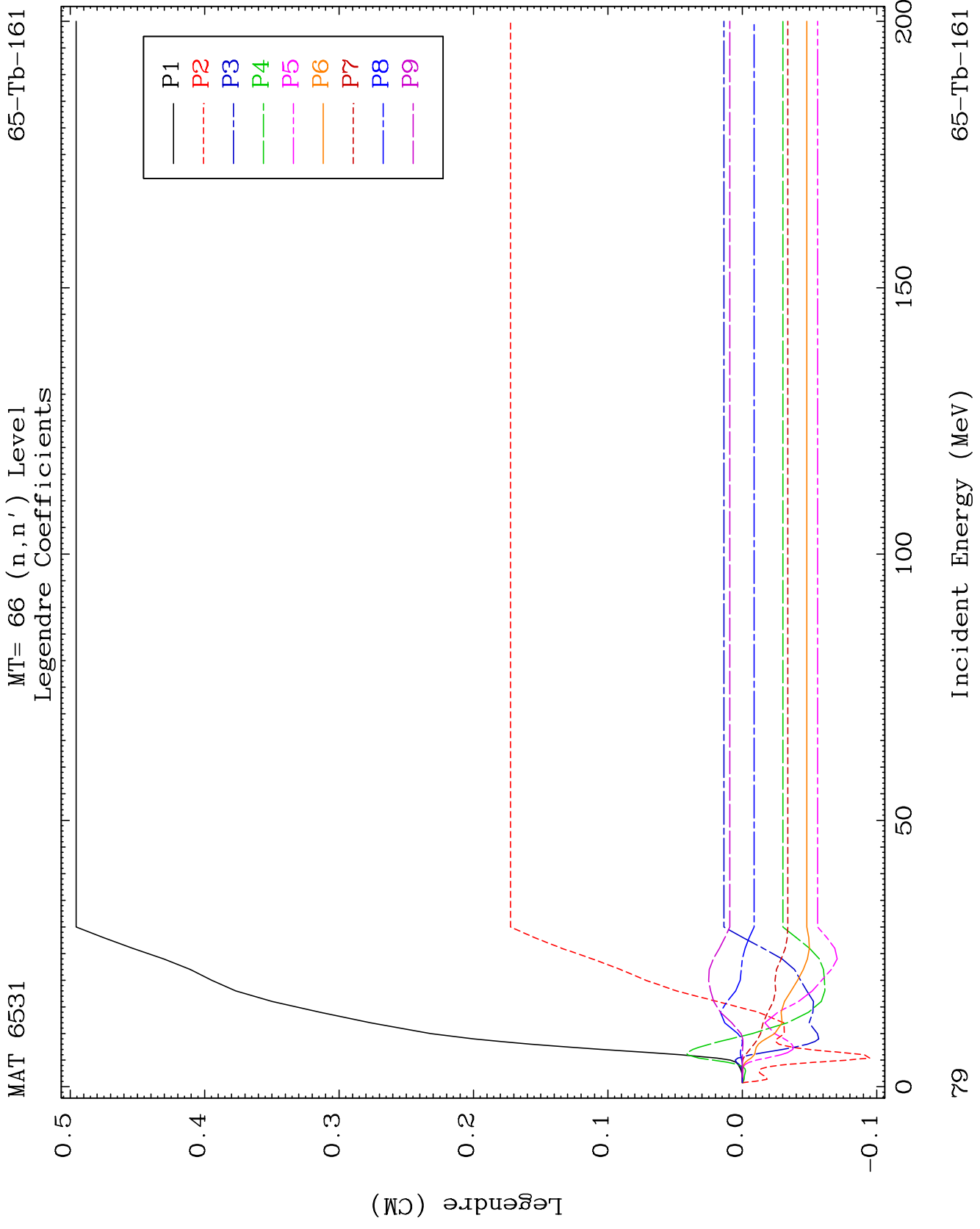
76

Incident Energy (MeV)

65-Tb-161



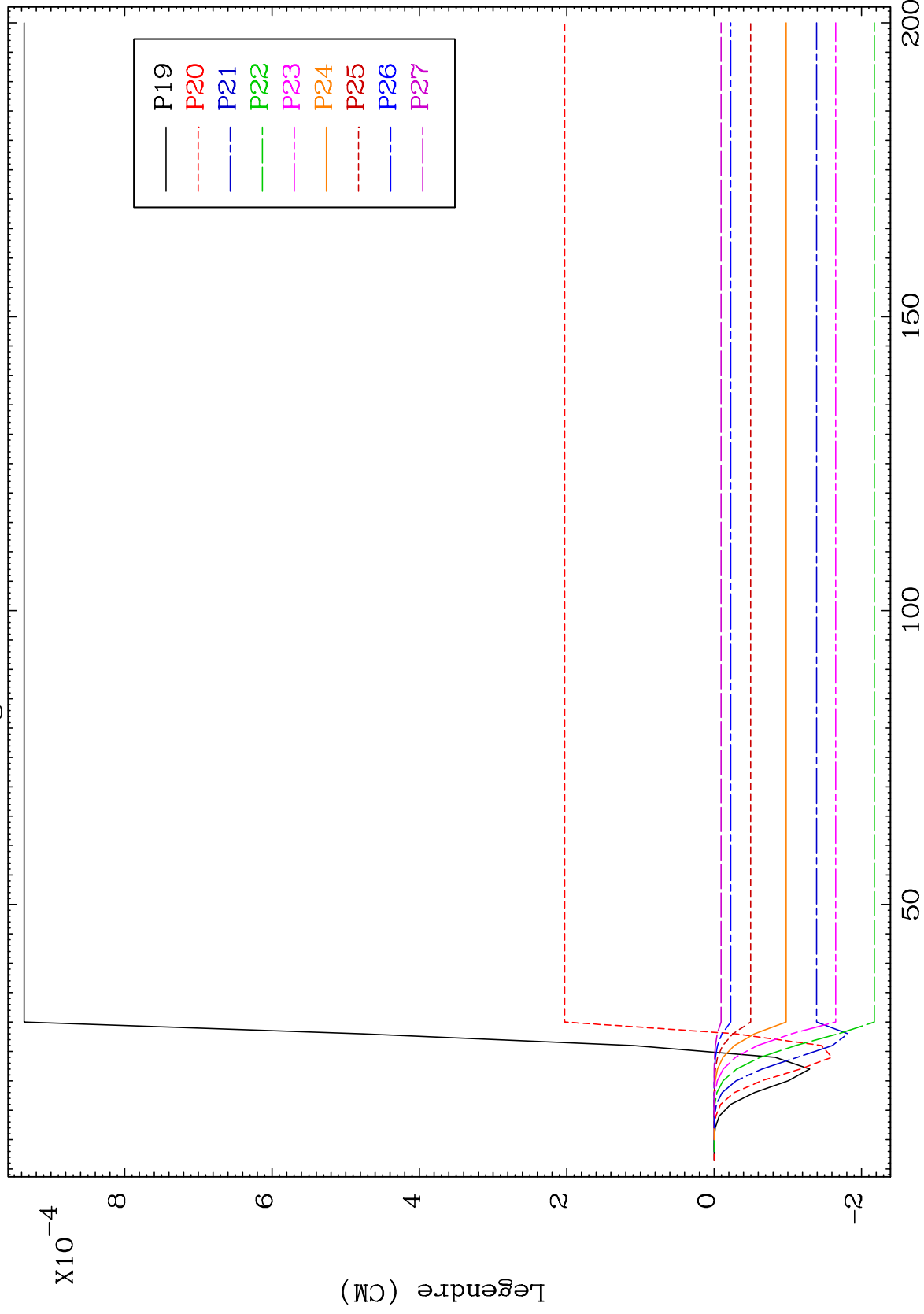




MAT 6531

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

65-Tb-161



81

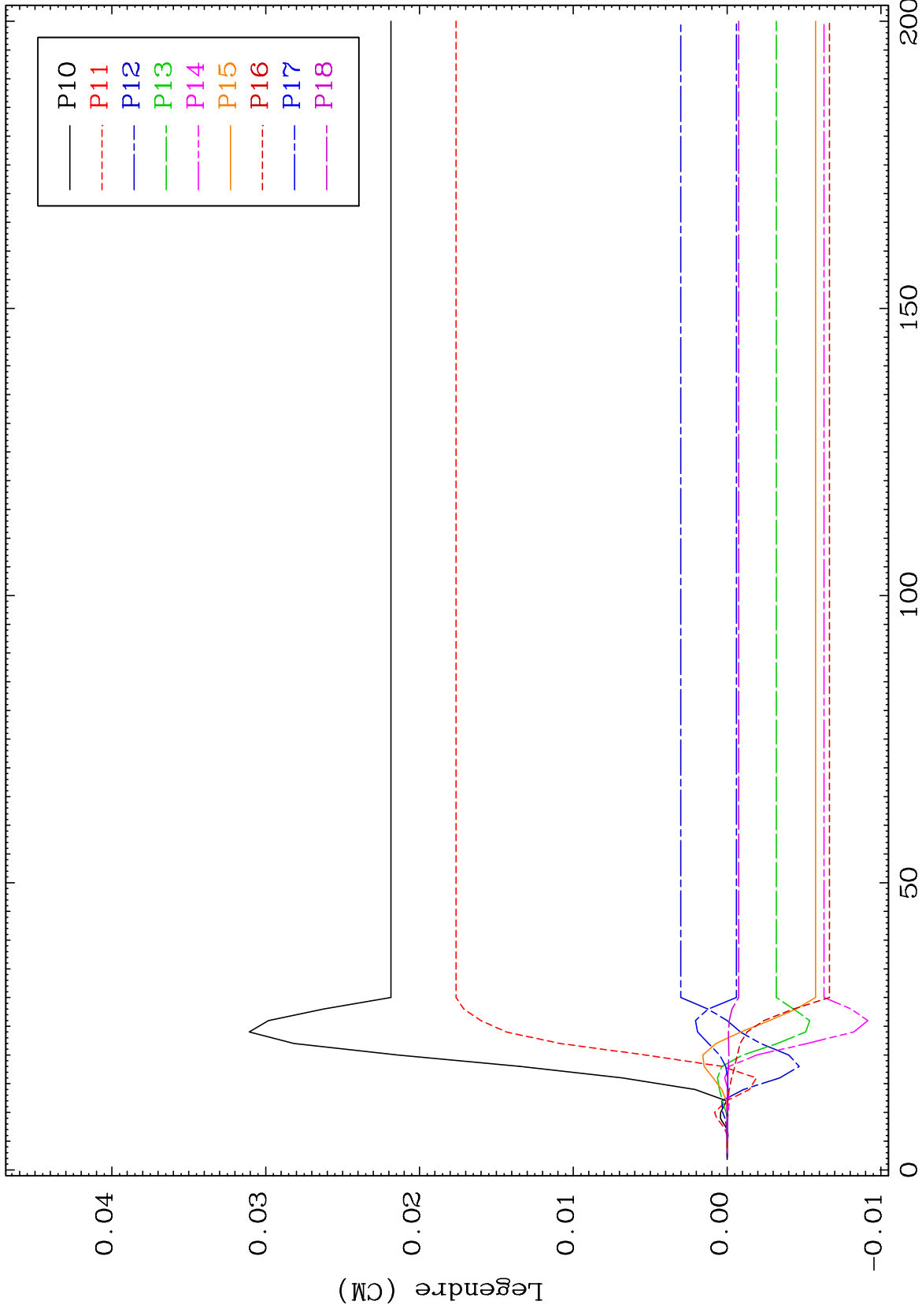
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

65-Tb-161



84

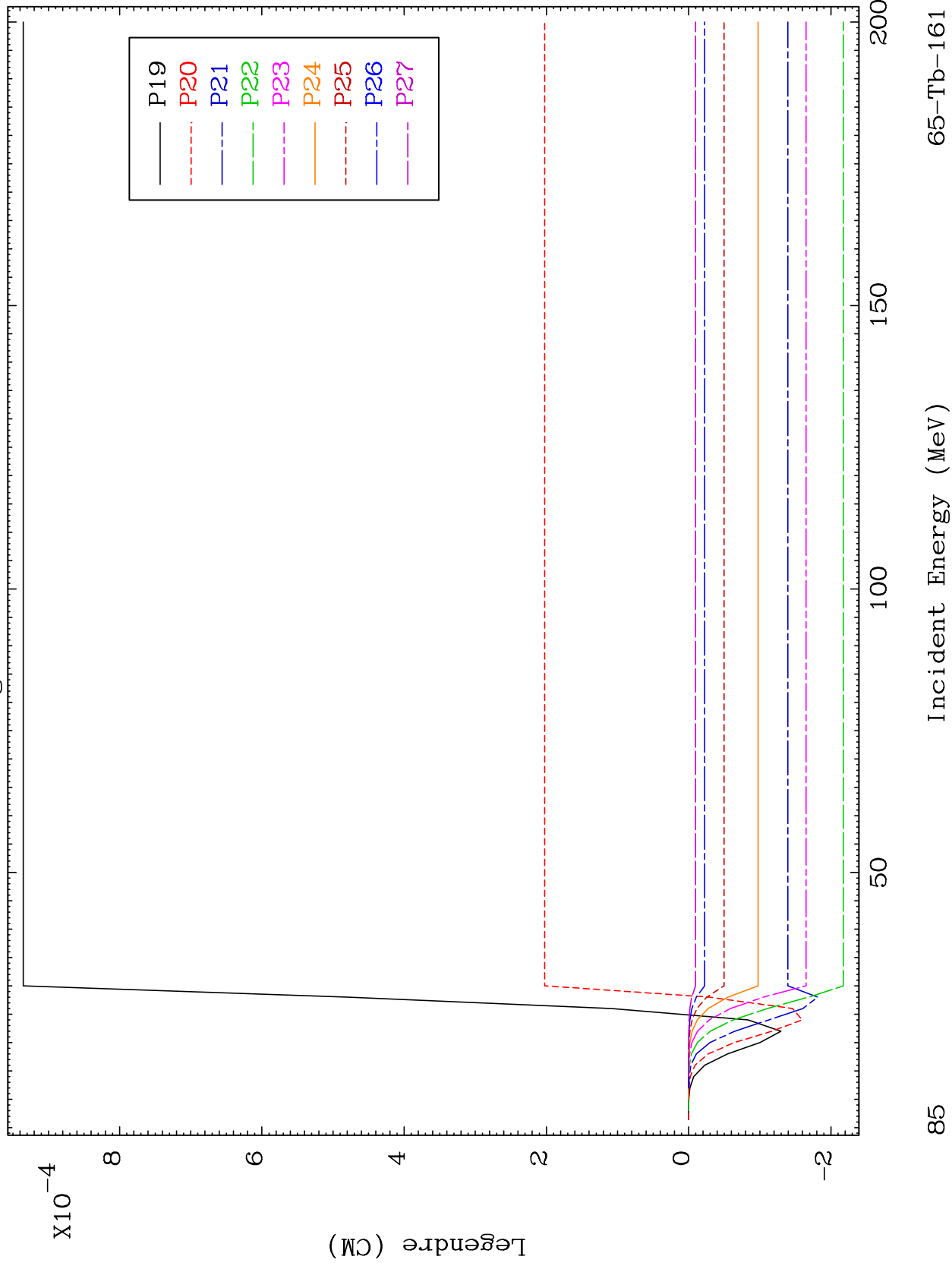
Incident Energy (MeV)

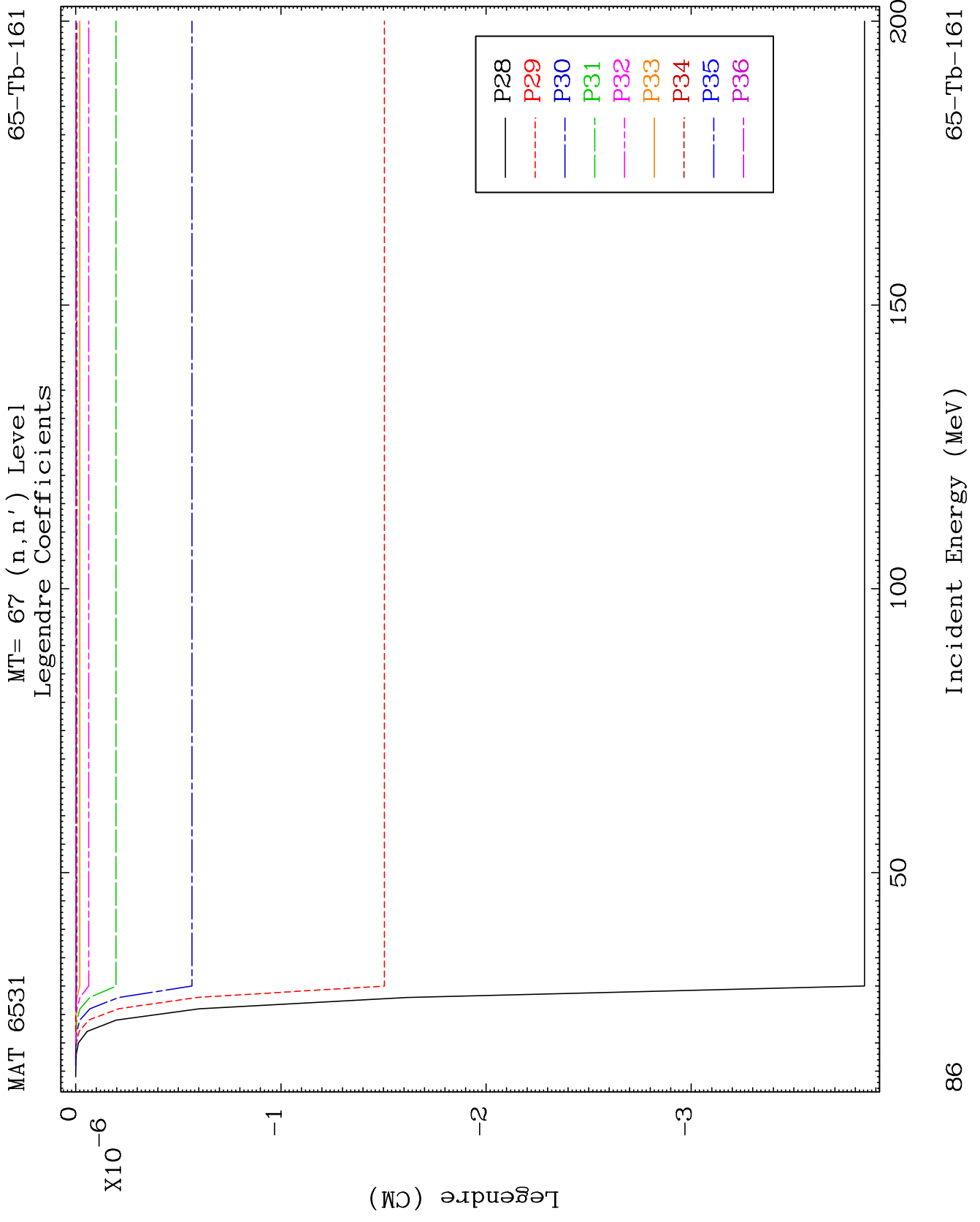
65-Tb-161

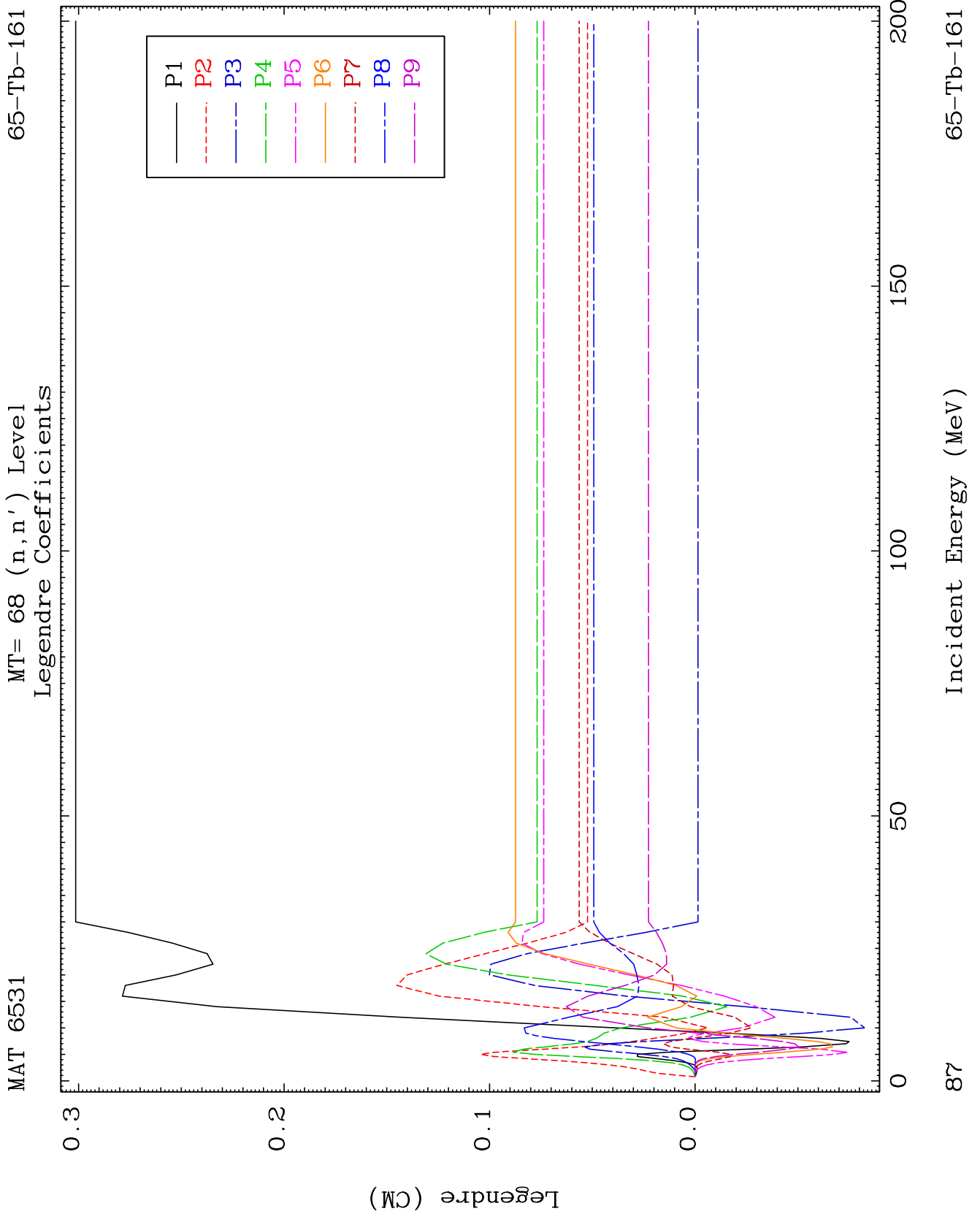
MAT 6531

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

65-Tb-161



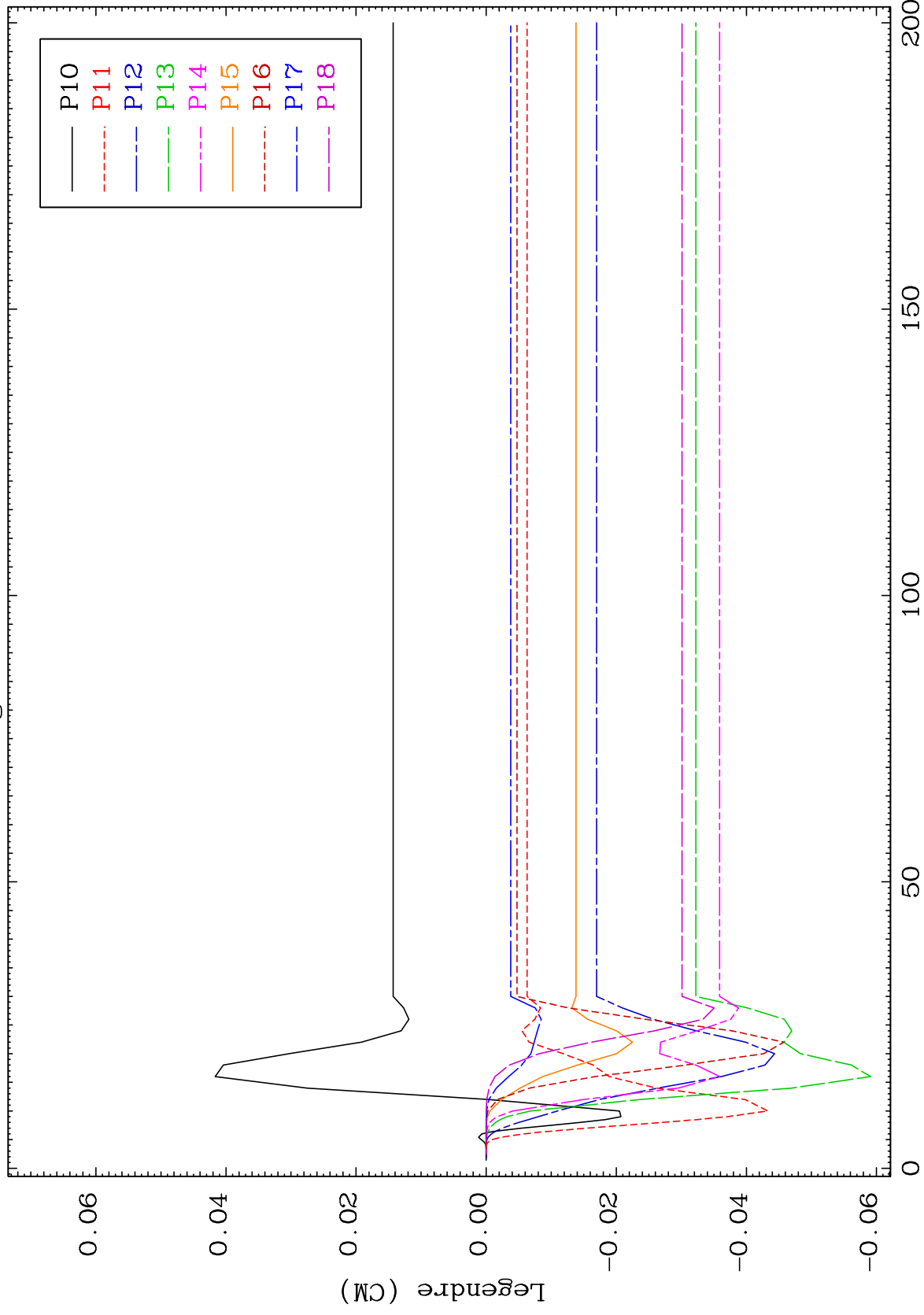




MAT 6531

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

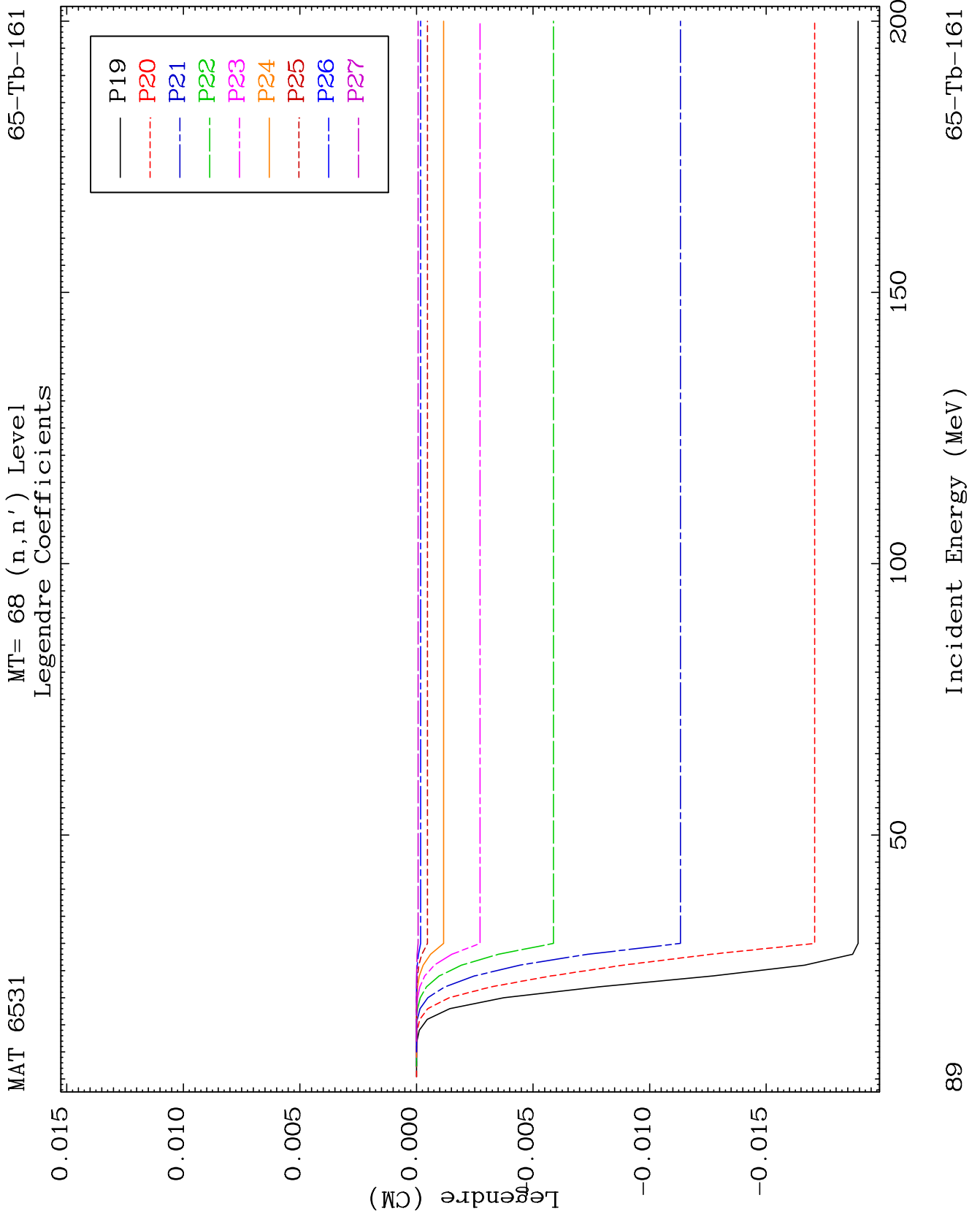
65-Tb-161

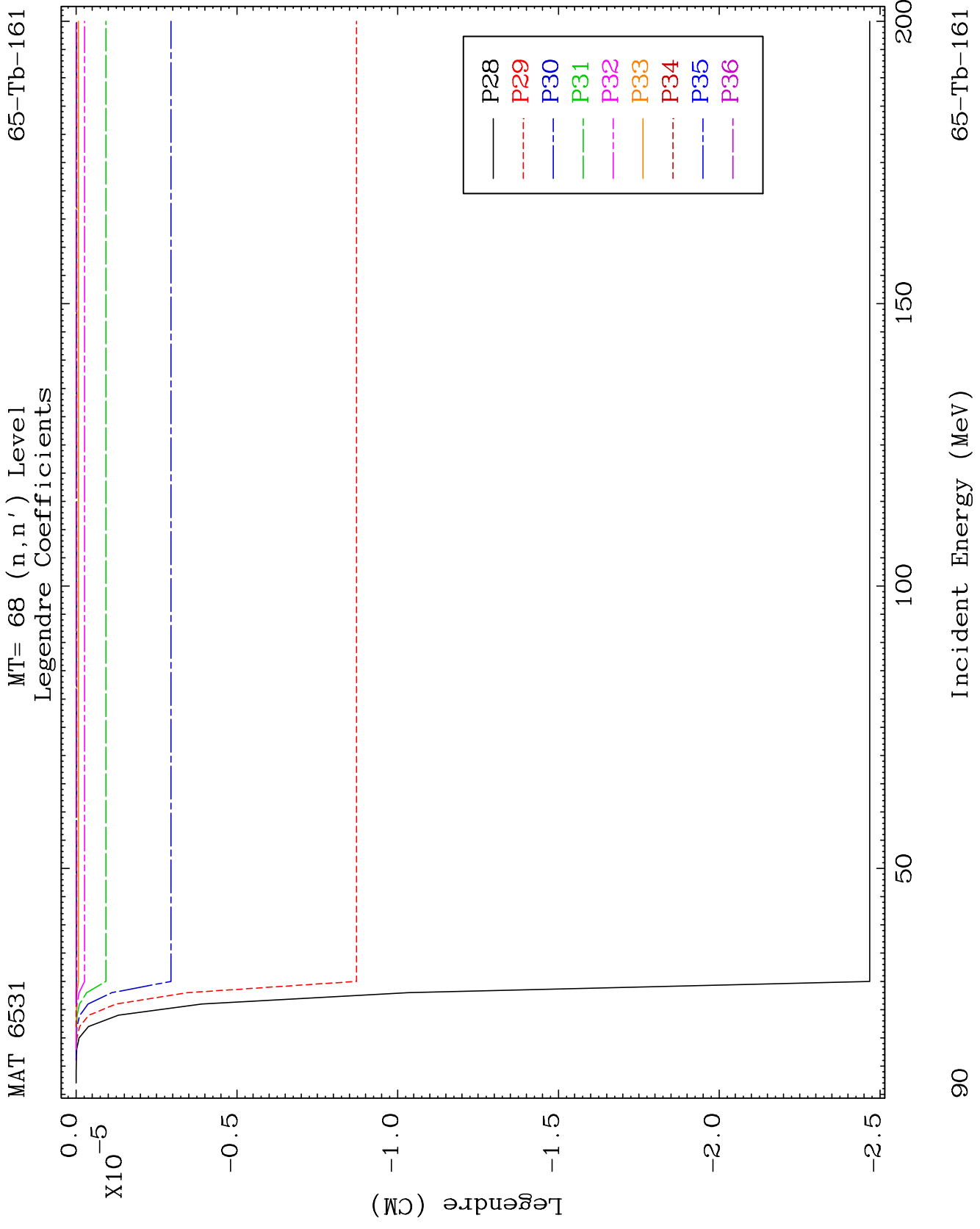


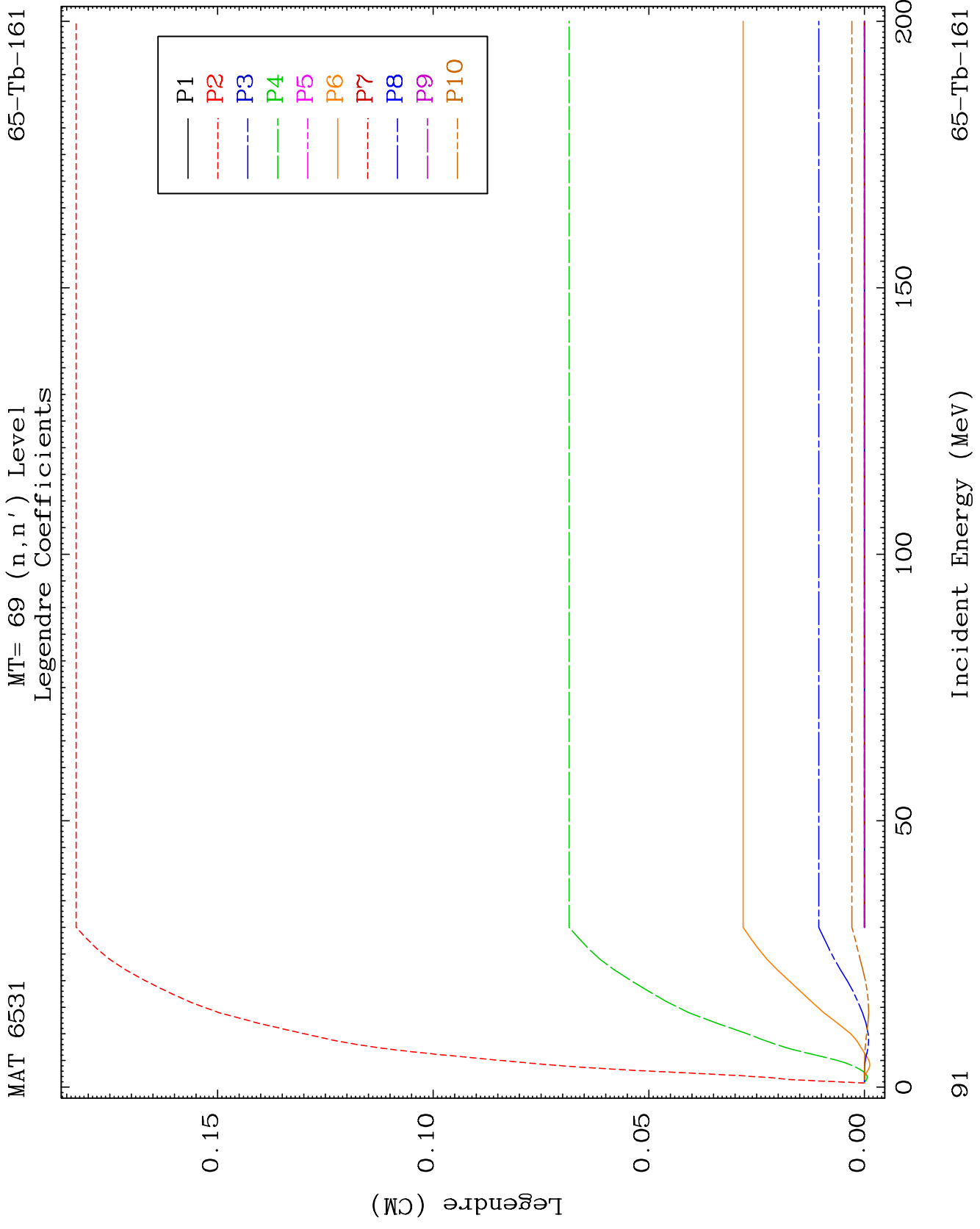
88

Incident Energy (MeV)

65-Tb-161



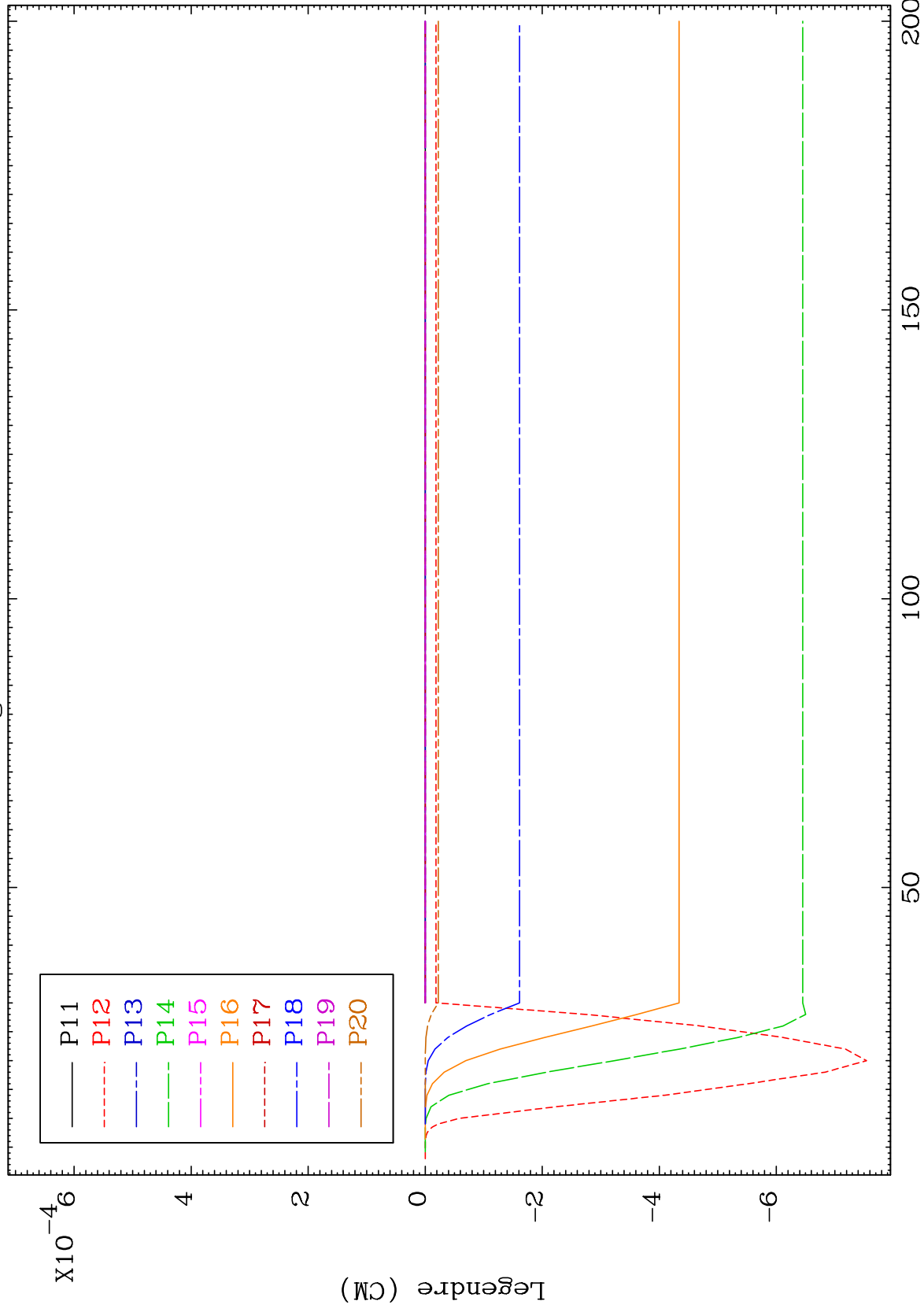




MAT 6531

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

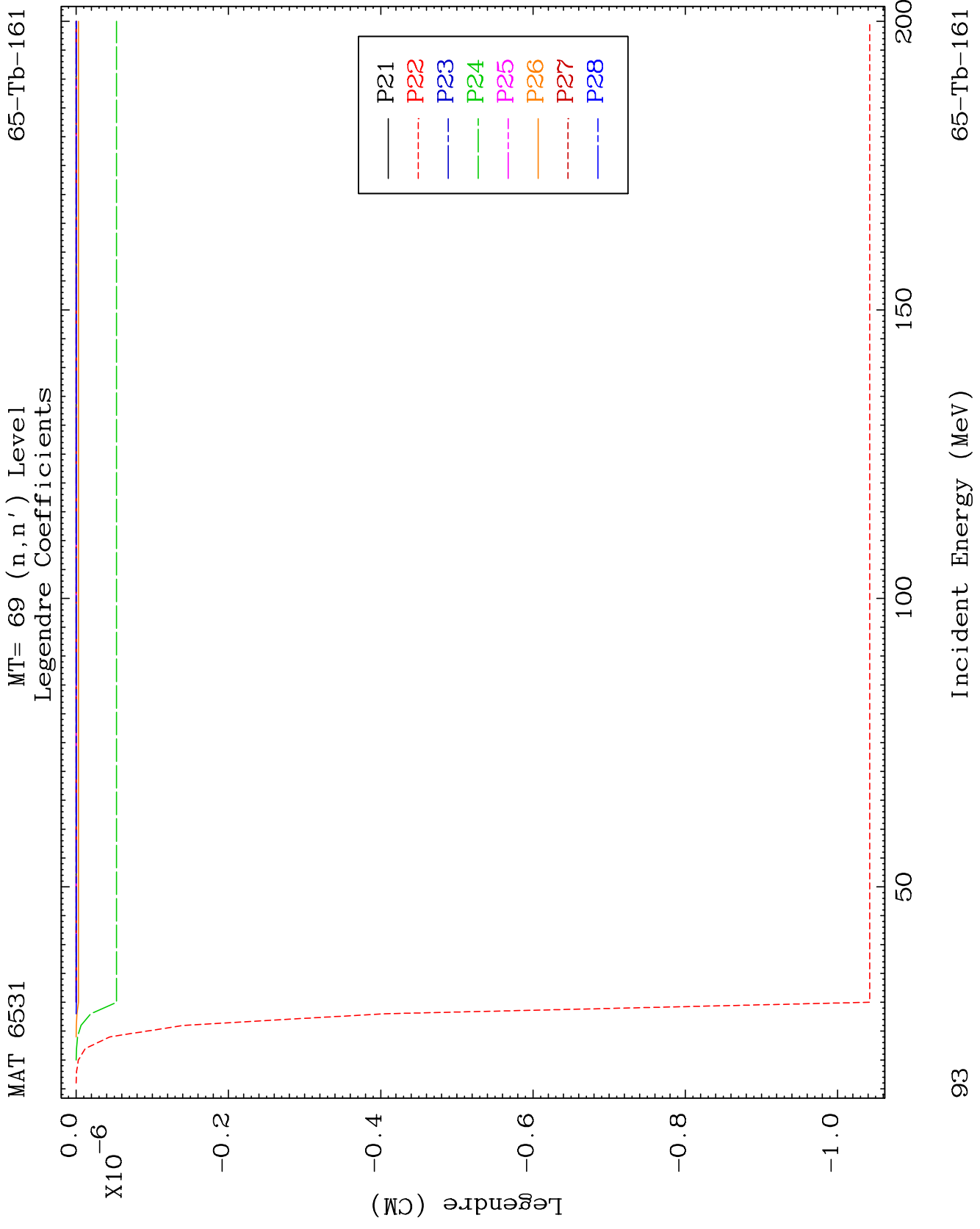
65-Tb-161



92

Incident Energy (MeV)

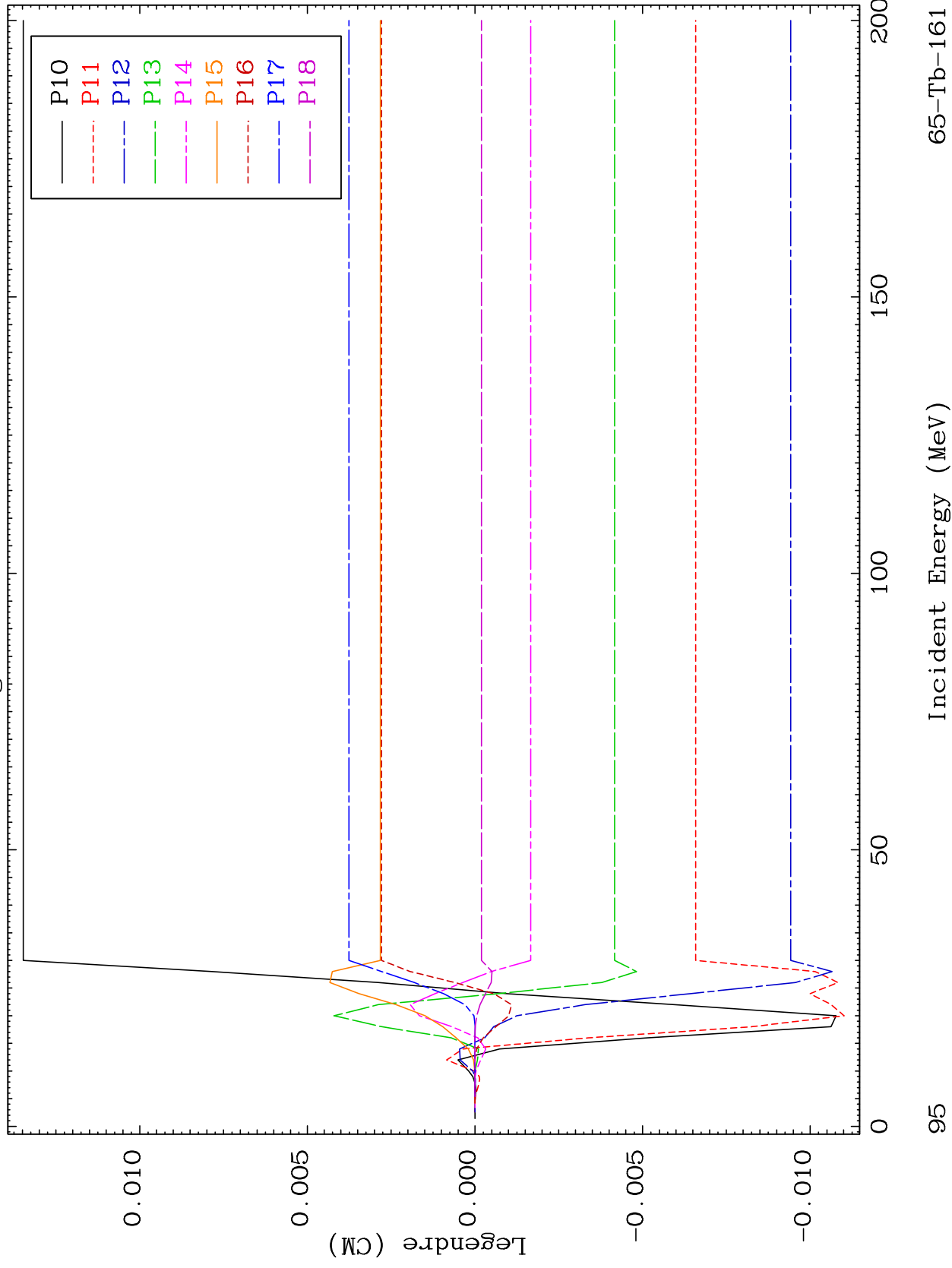
65-Tb-161



MAT 6531

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

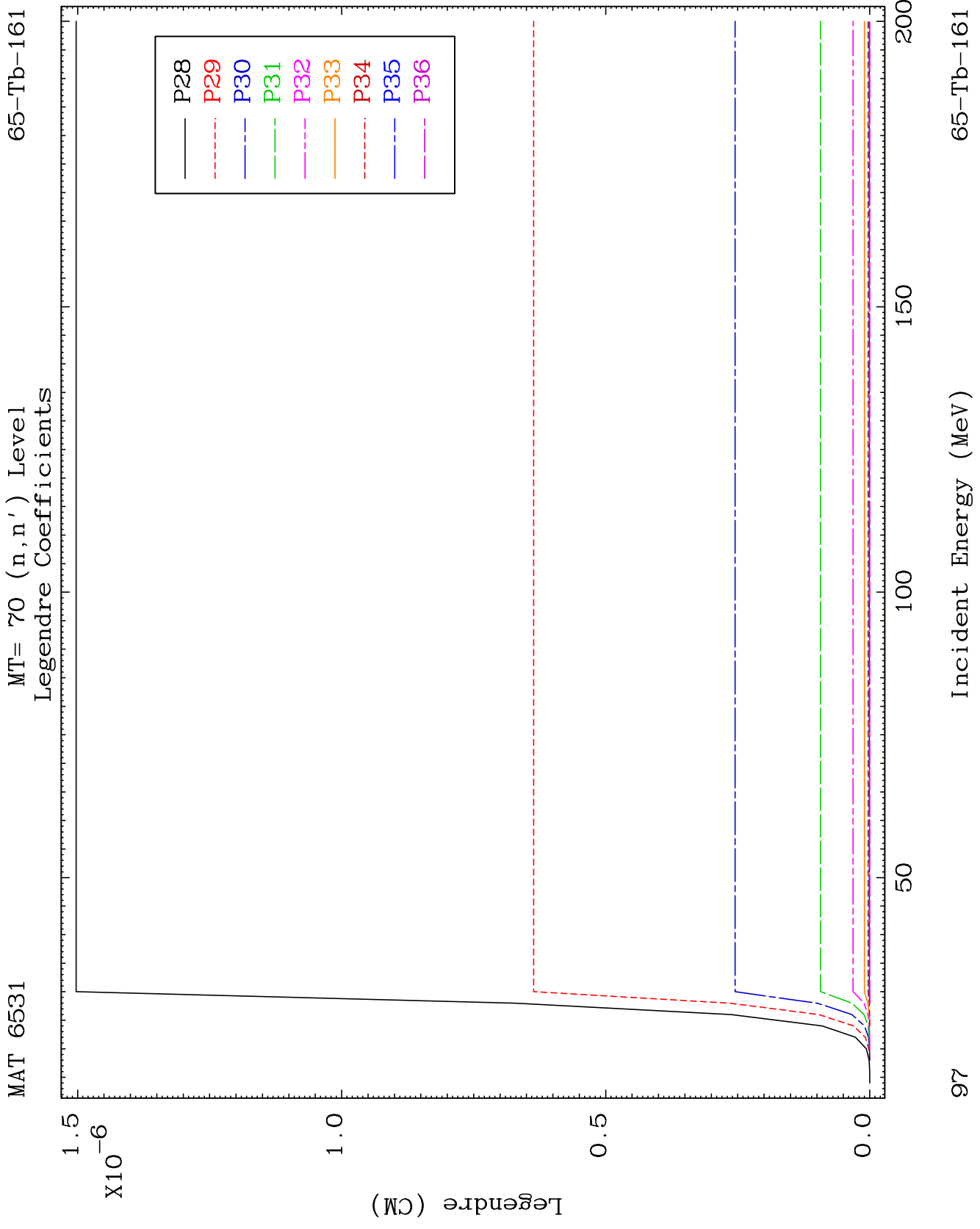
65-Tb-161

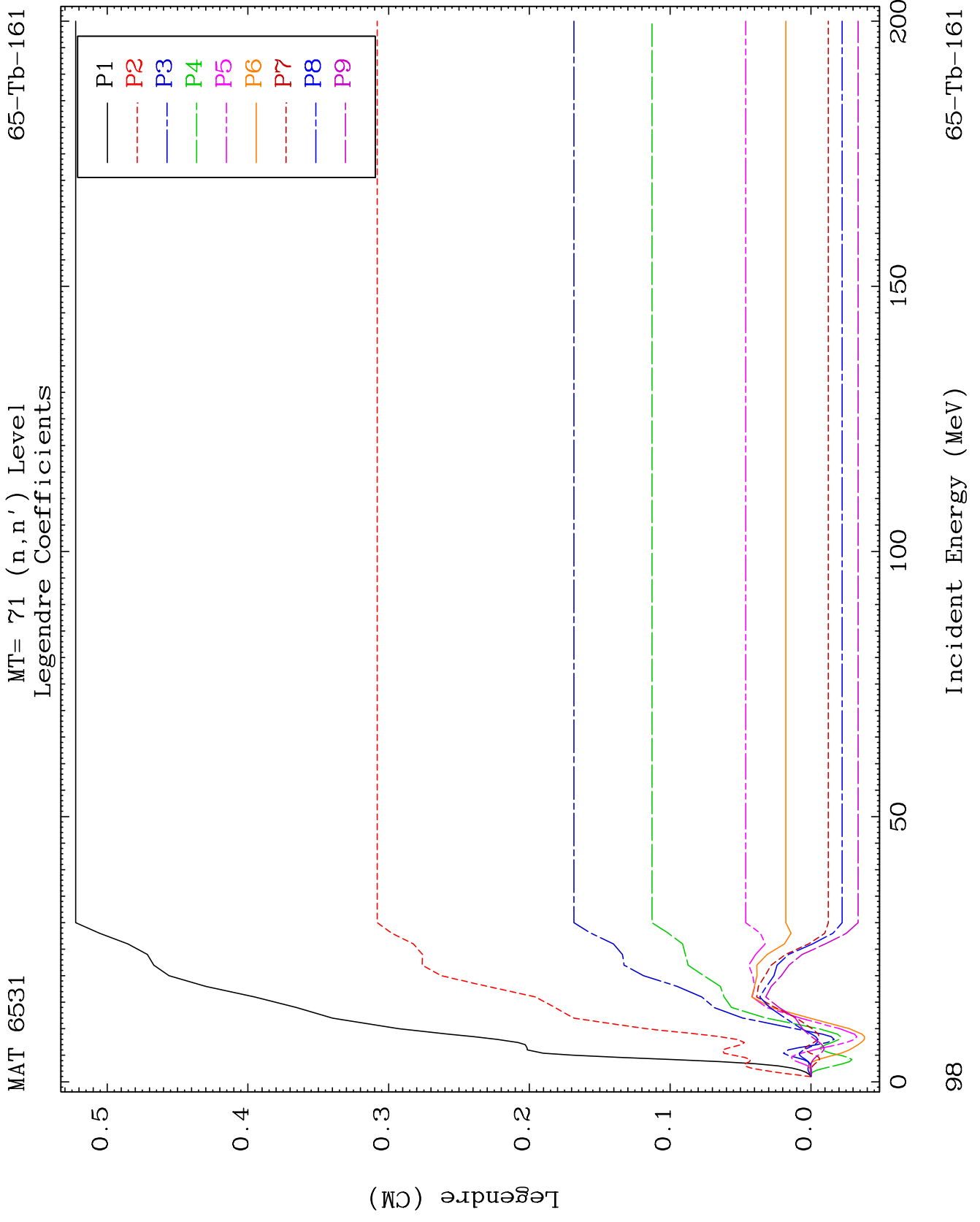


65-Tb-161

Incident Energy (MeV)

95

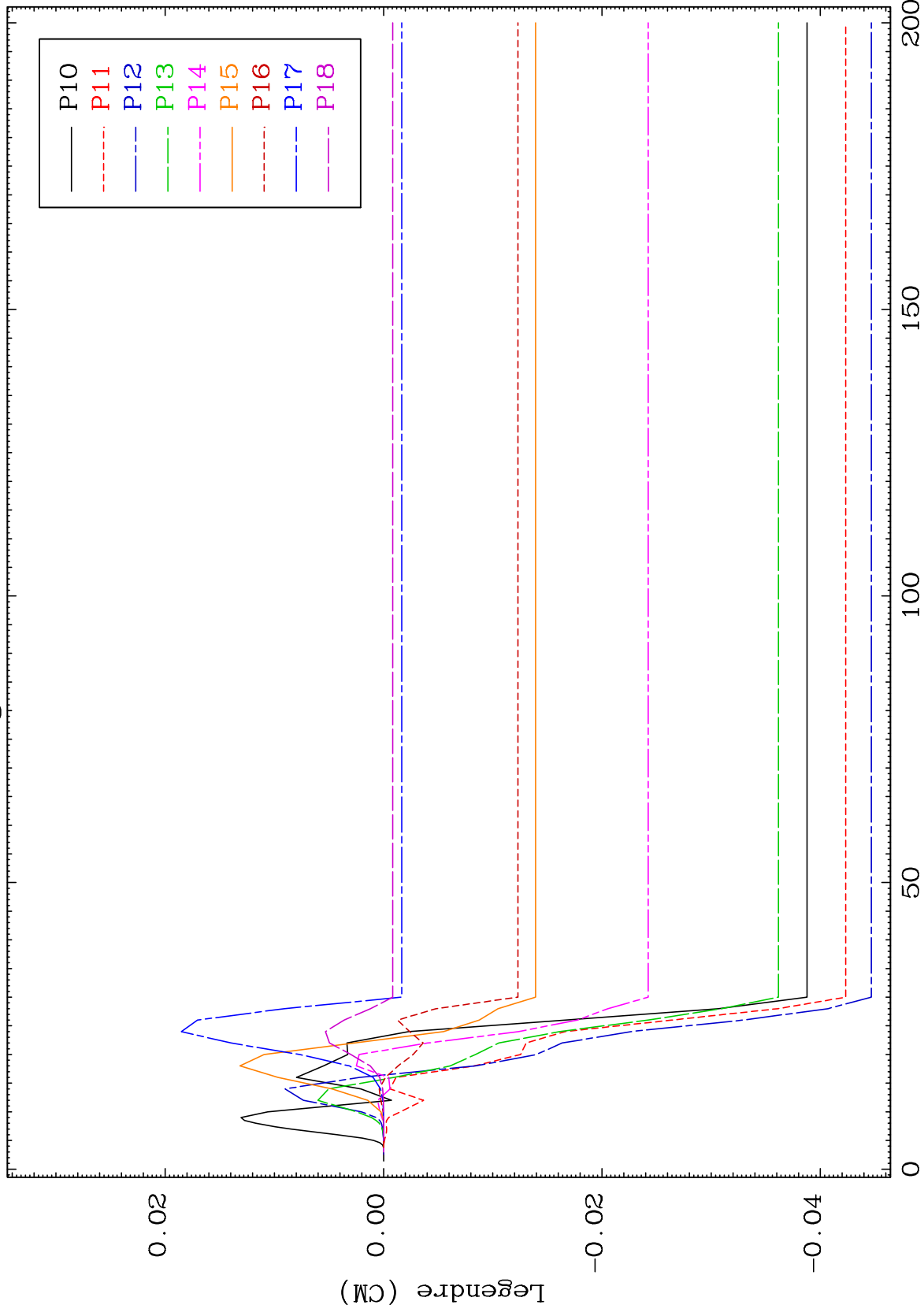




MAT 6531

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

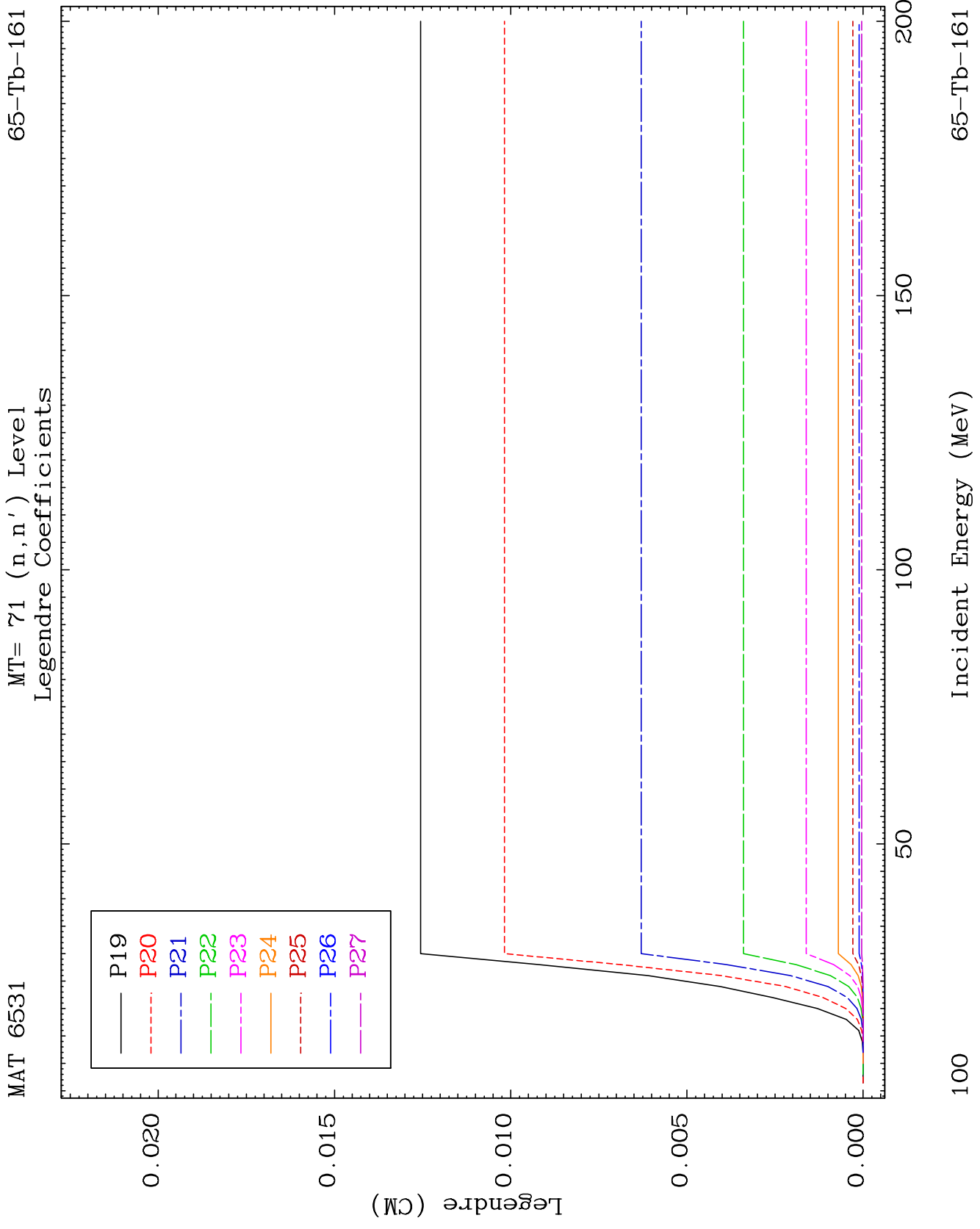
65-Tb-161

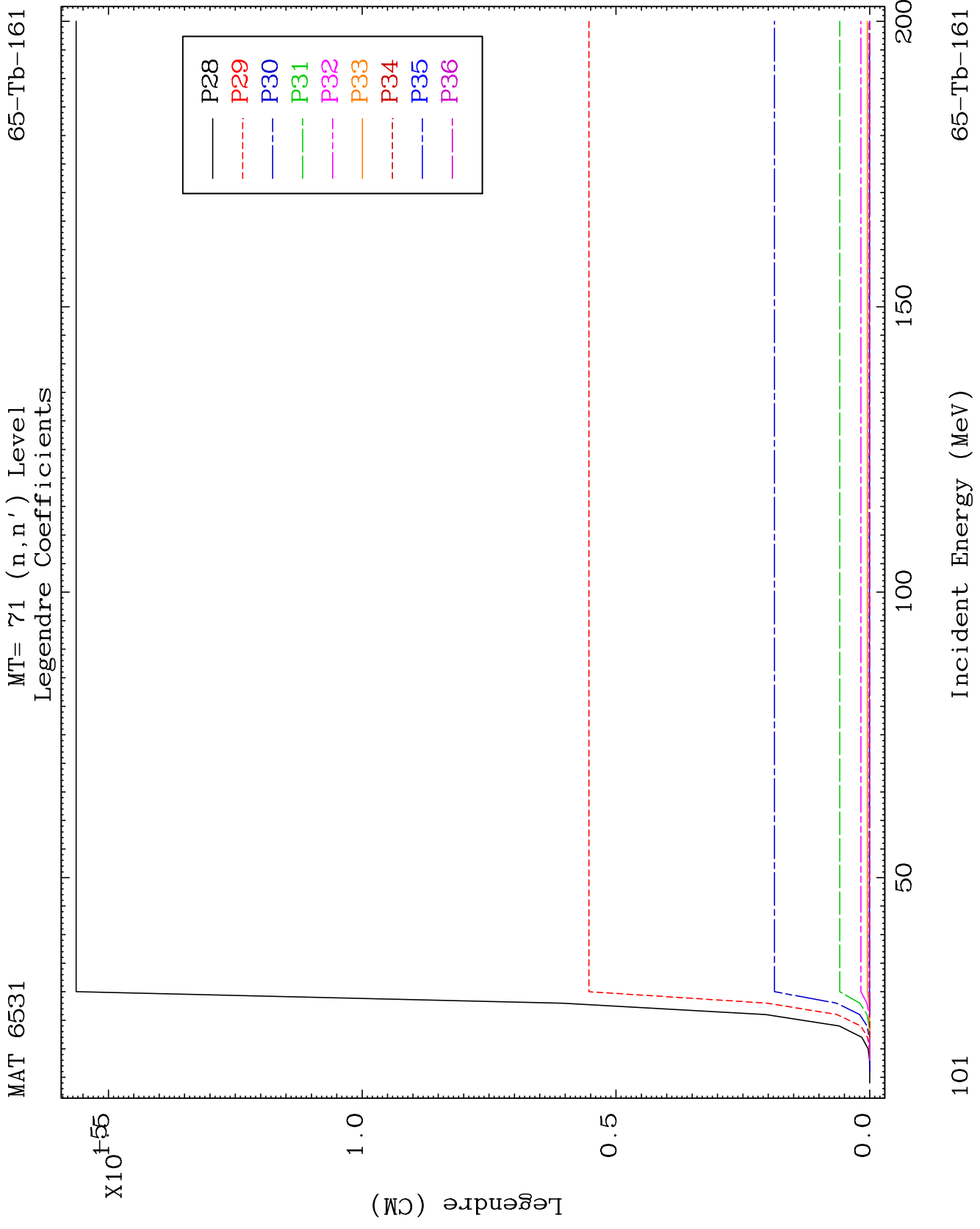


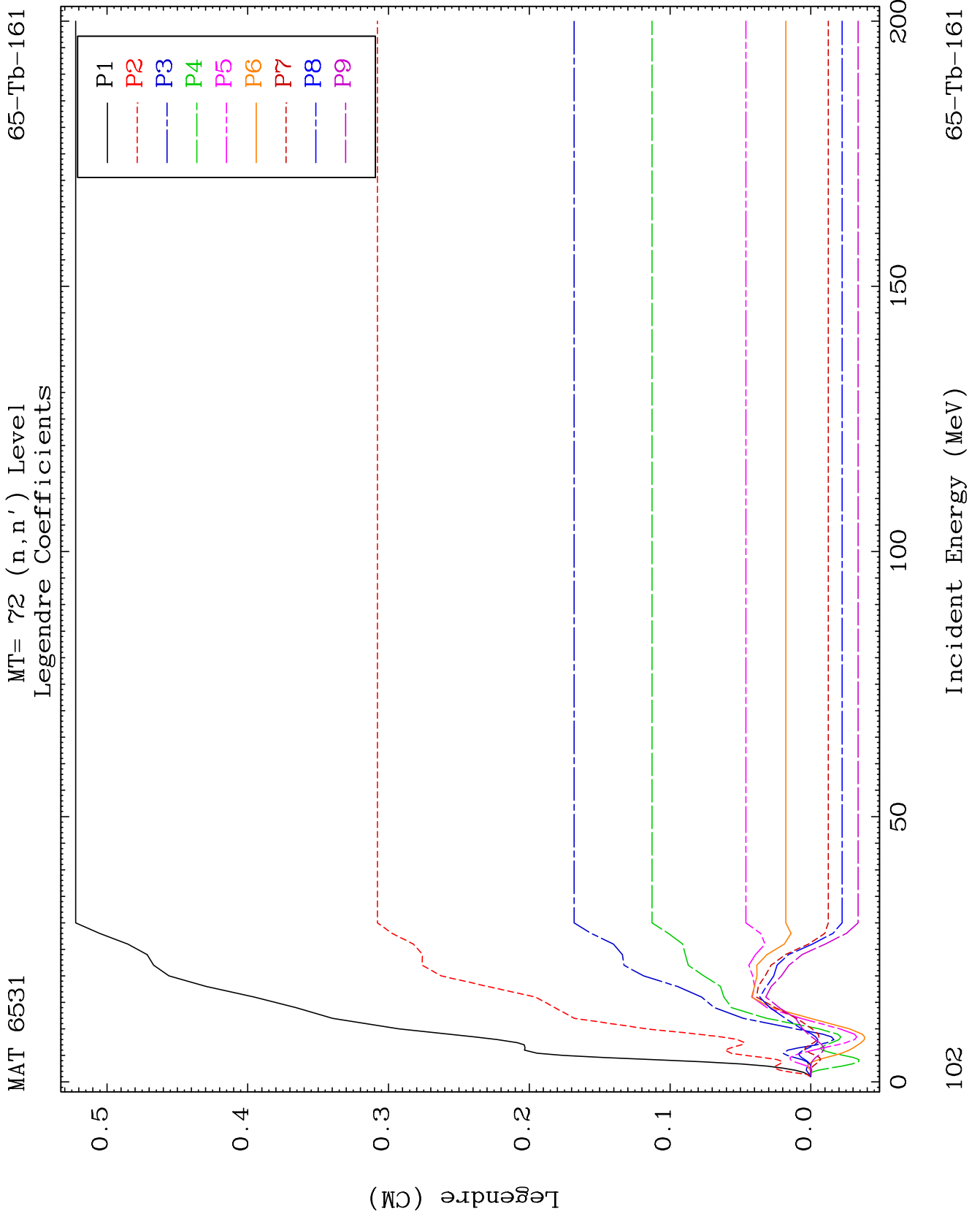
99

Incident Energy (MeV)

65-Tb-161



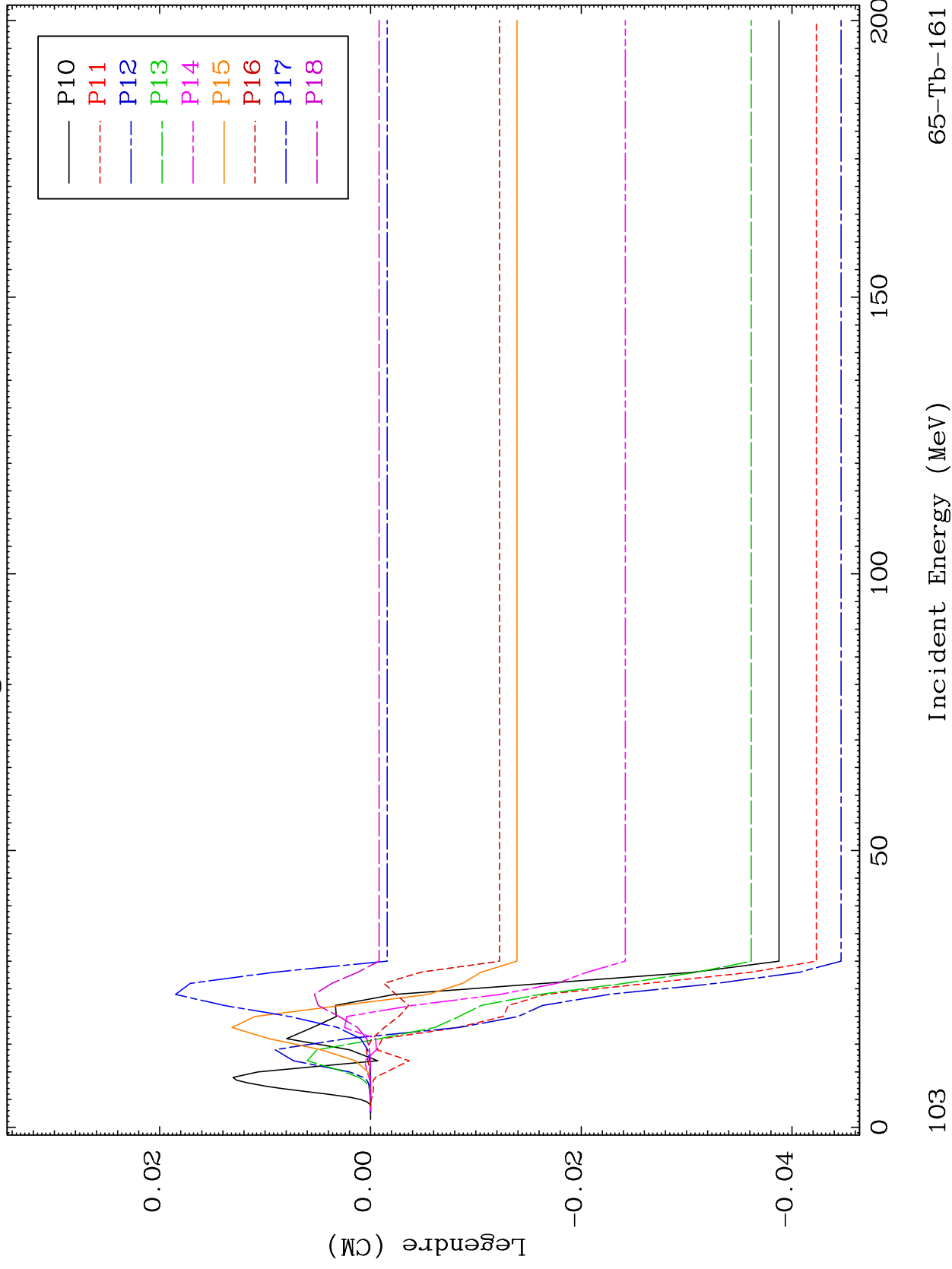




MAT 6531

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

65-Tb-161



103

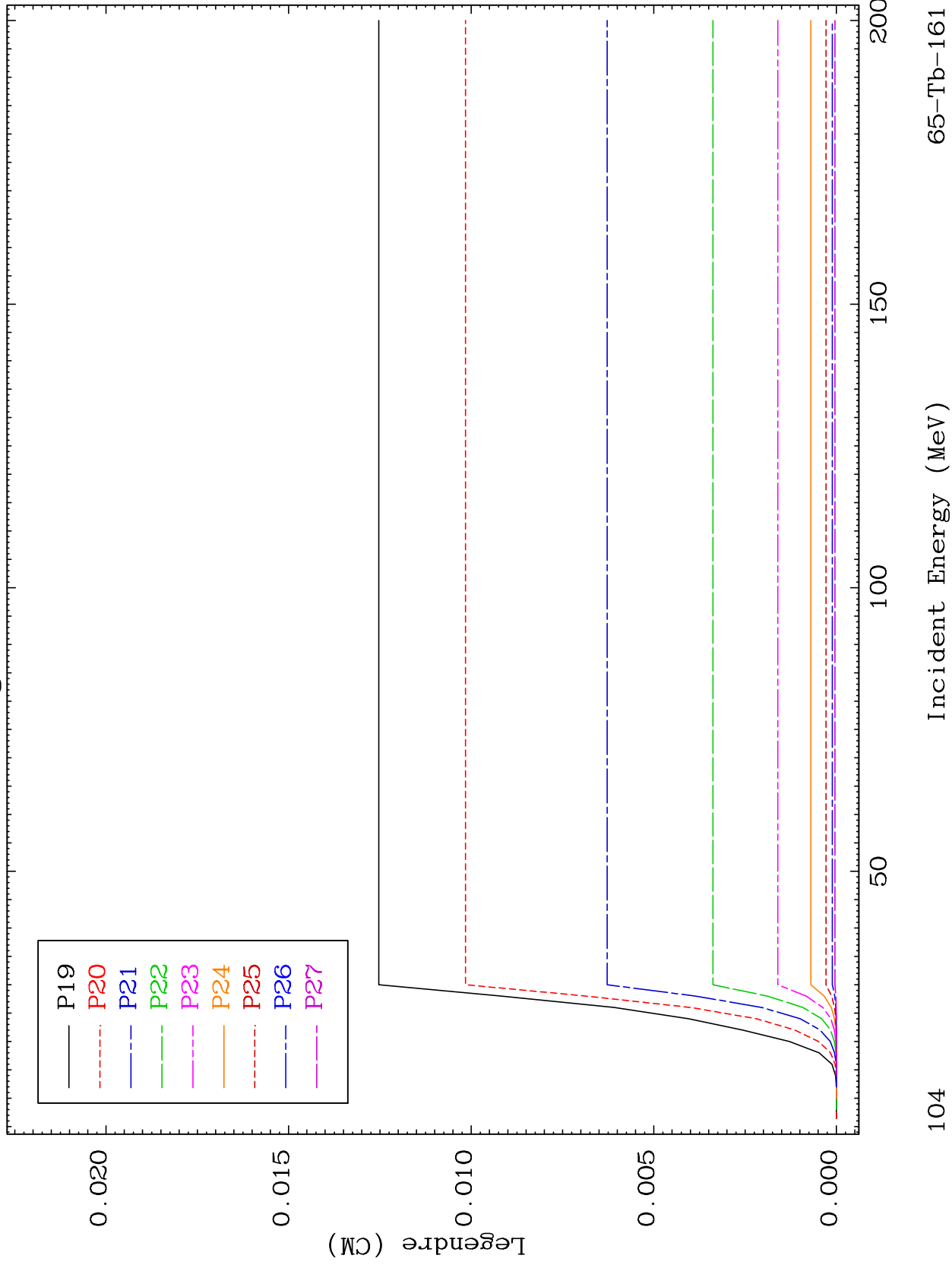
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

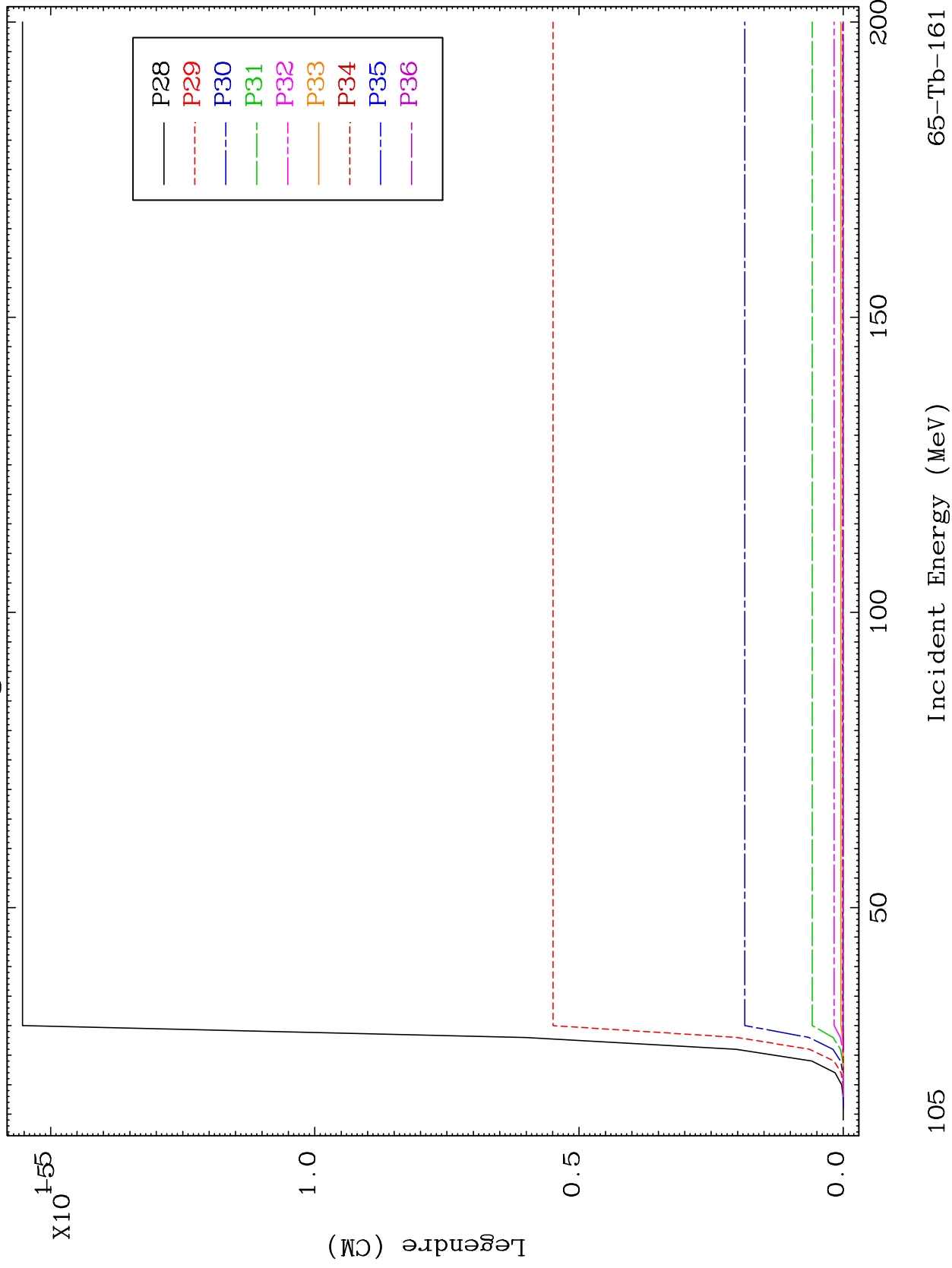
65-Tb-161

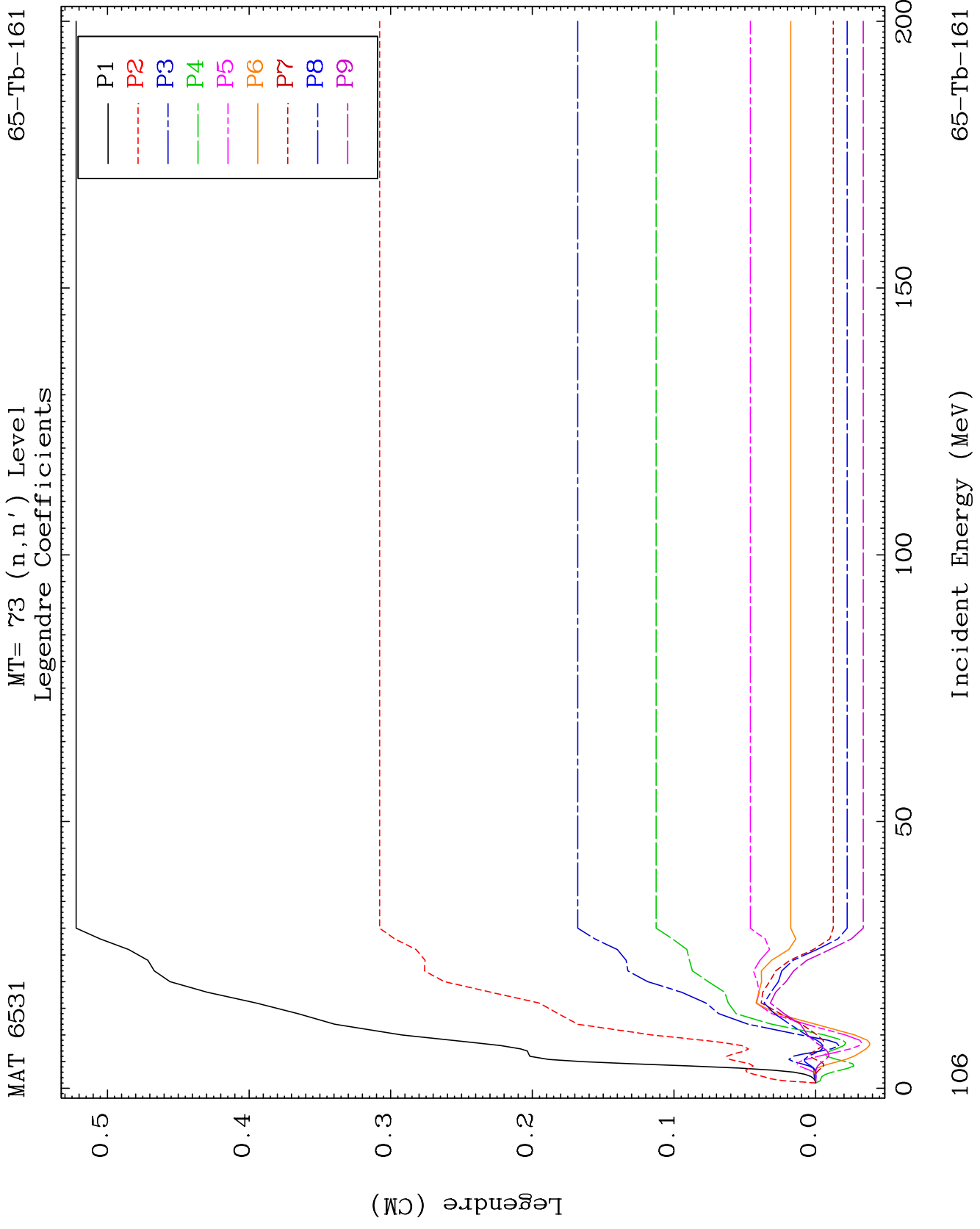


MAT 6531

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

65-Tb-161

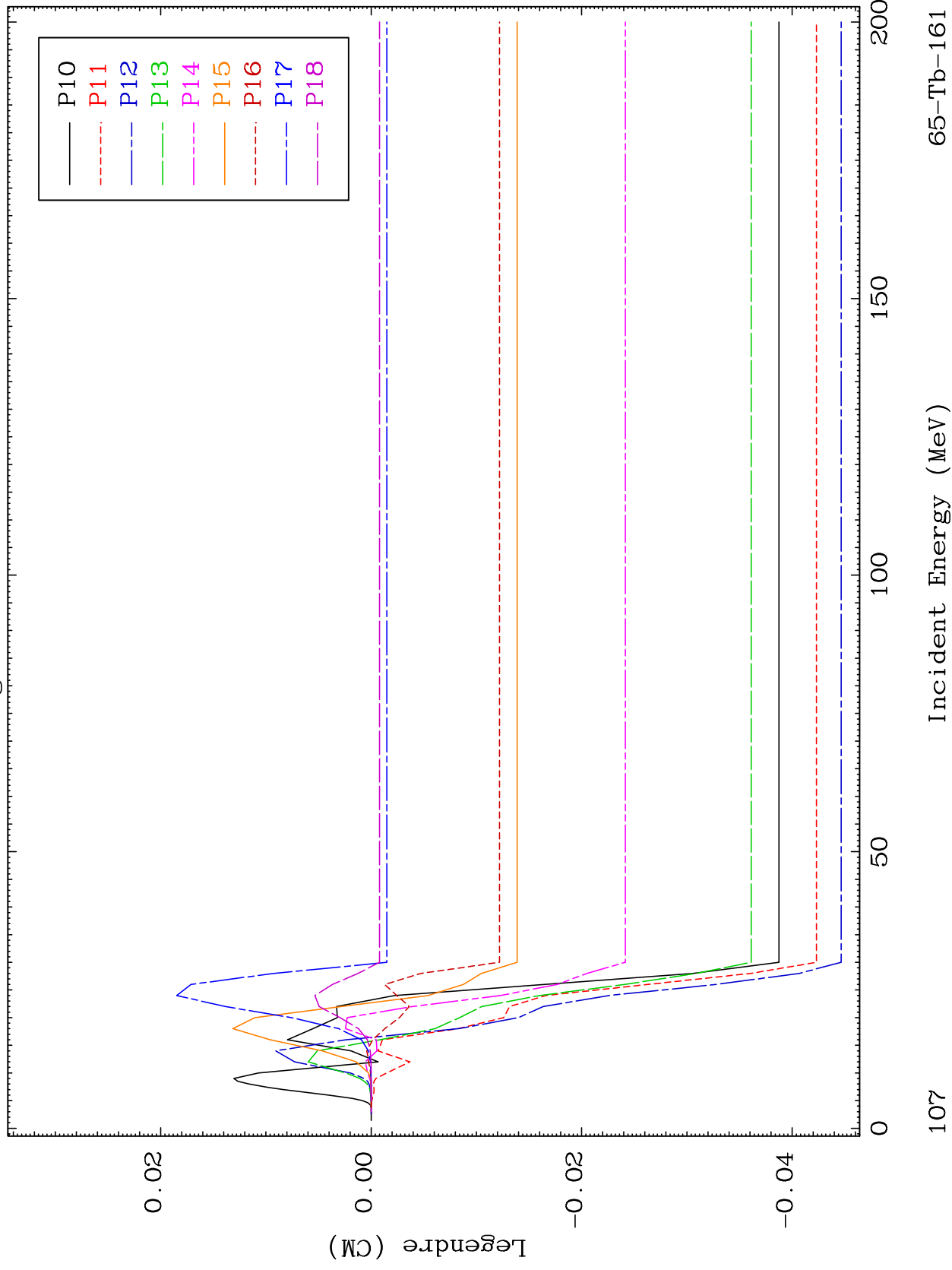




MAT 6531

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

65-Tb-161



107

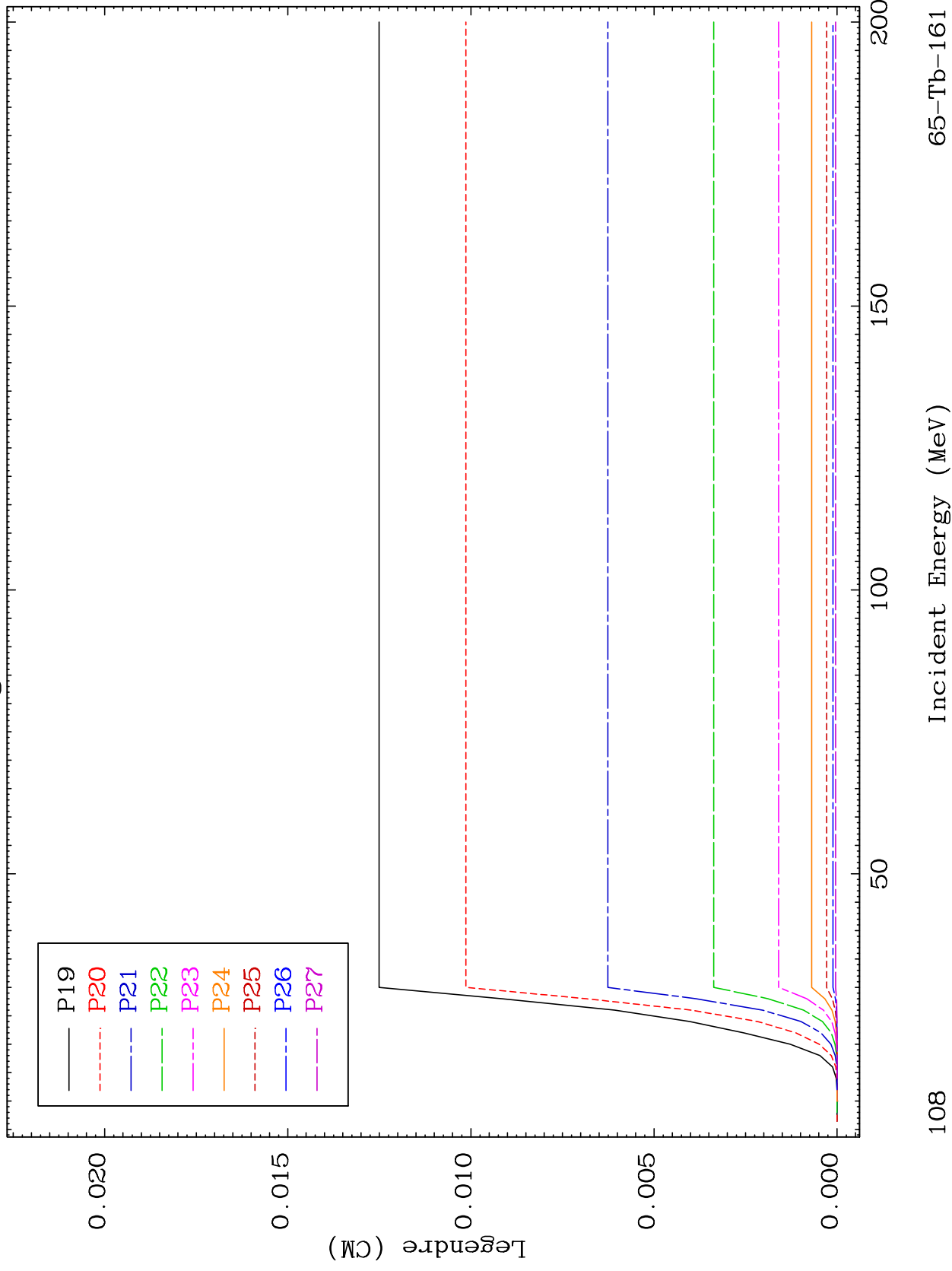
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

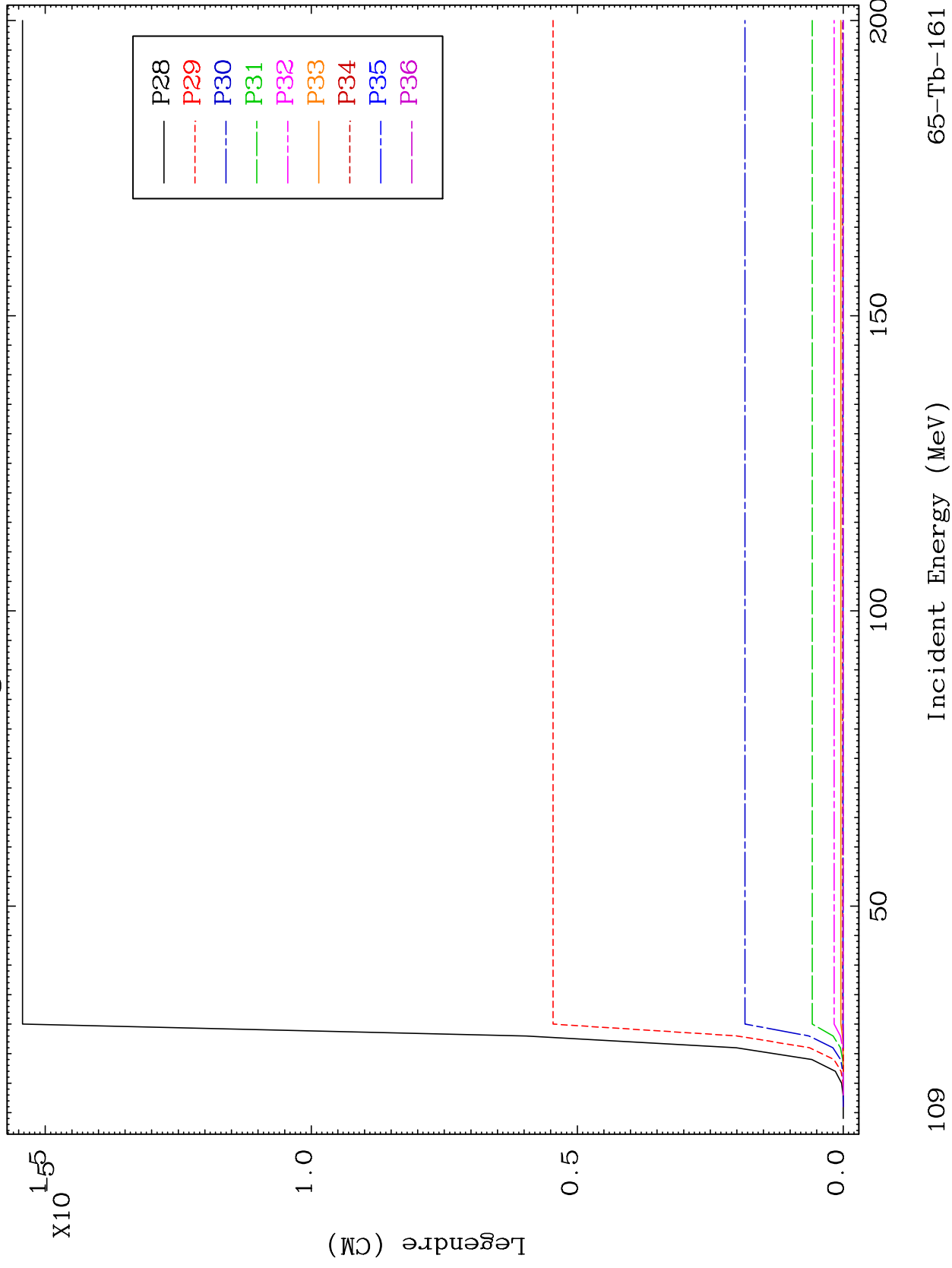
65-Tb-161



MAT 6531

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

65-Tb-161

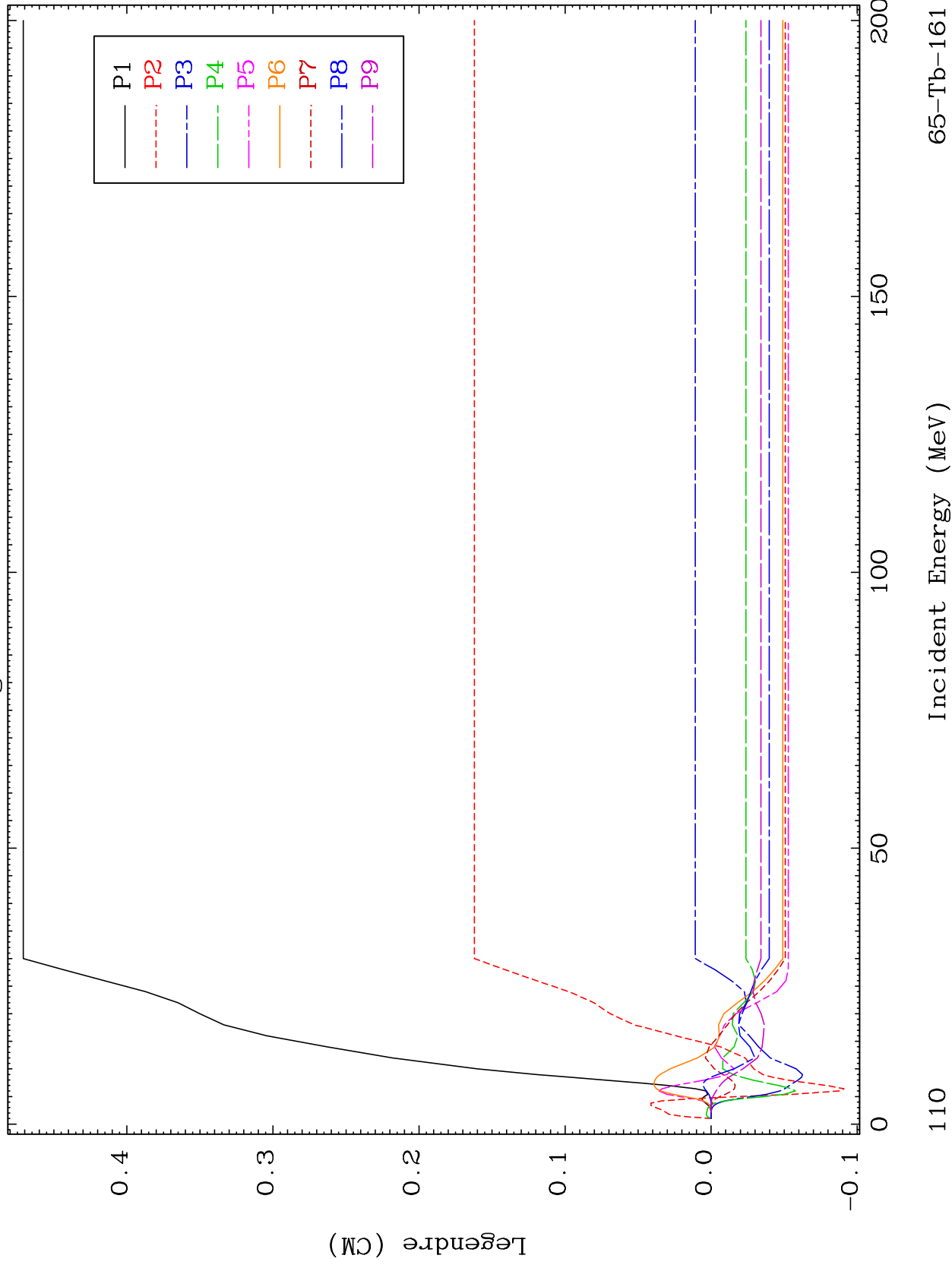


109

MAT 6531

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

65-Tb-161



65-Tb-161

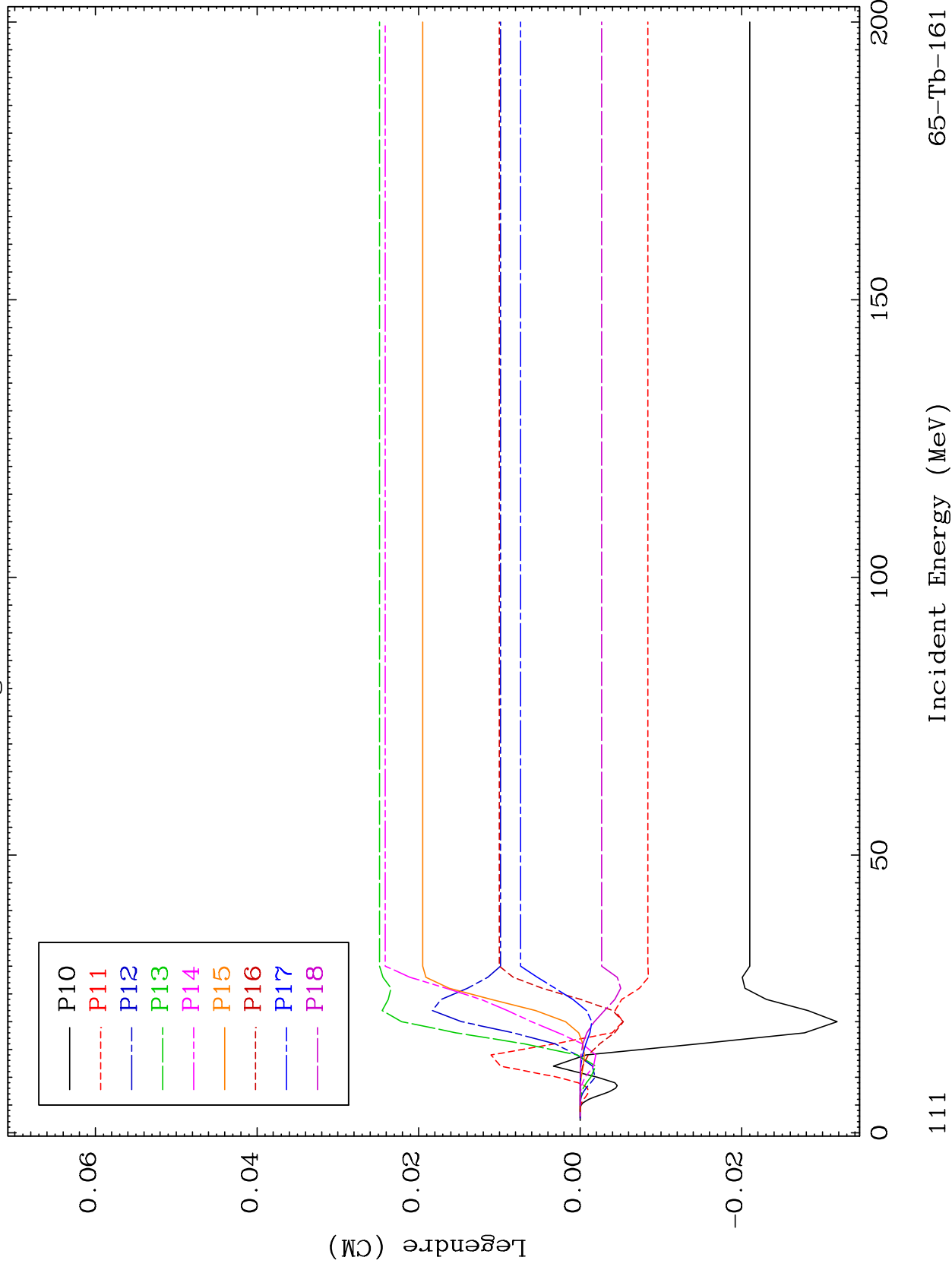
Incident Energy (MeV)

110

MAT 6531

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

65-Tb-161



111

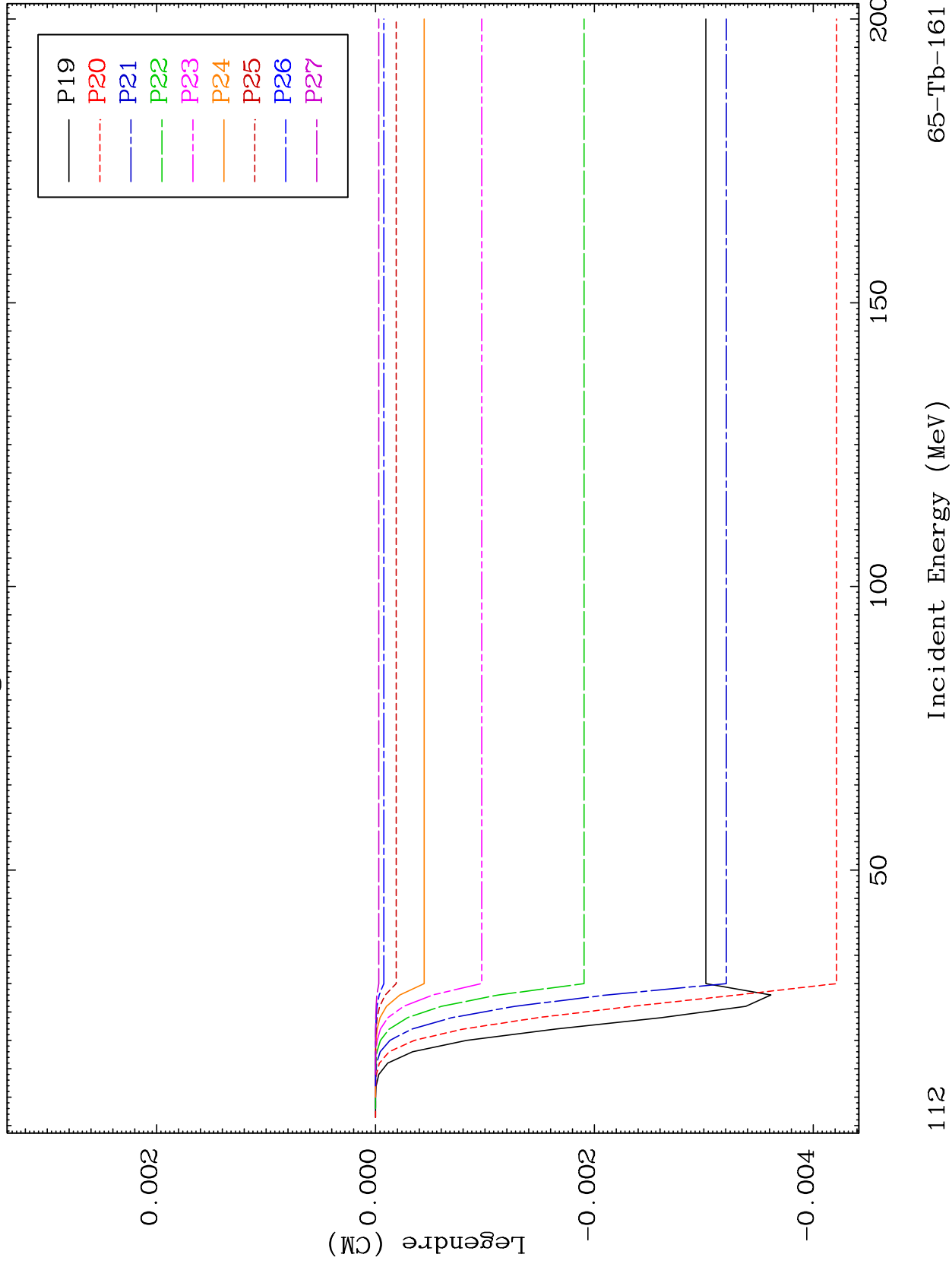
Incident Energy (MeV)

65-Tb-161

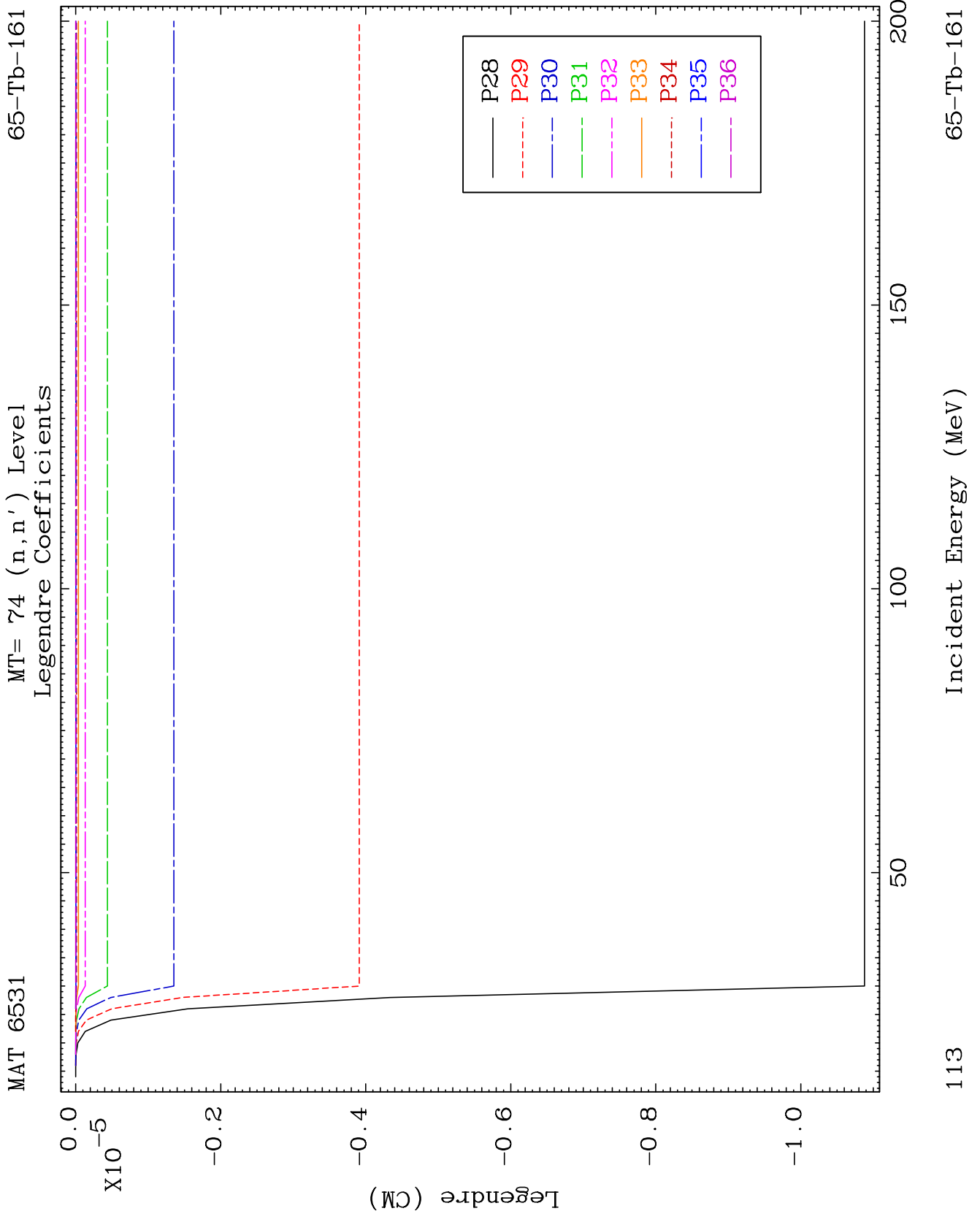
MAT 6531

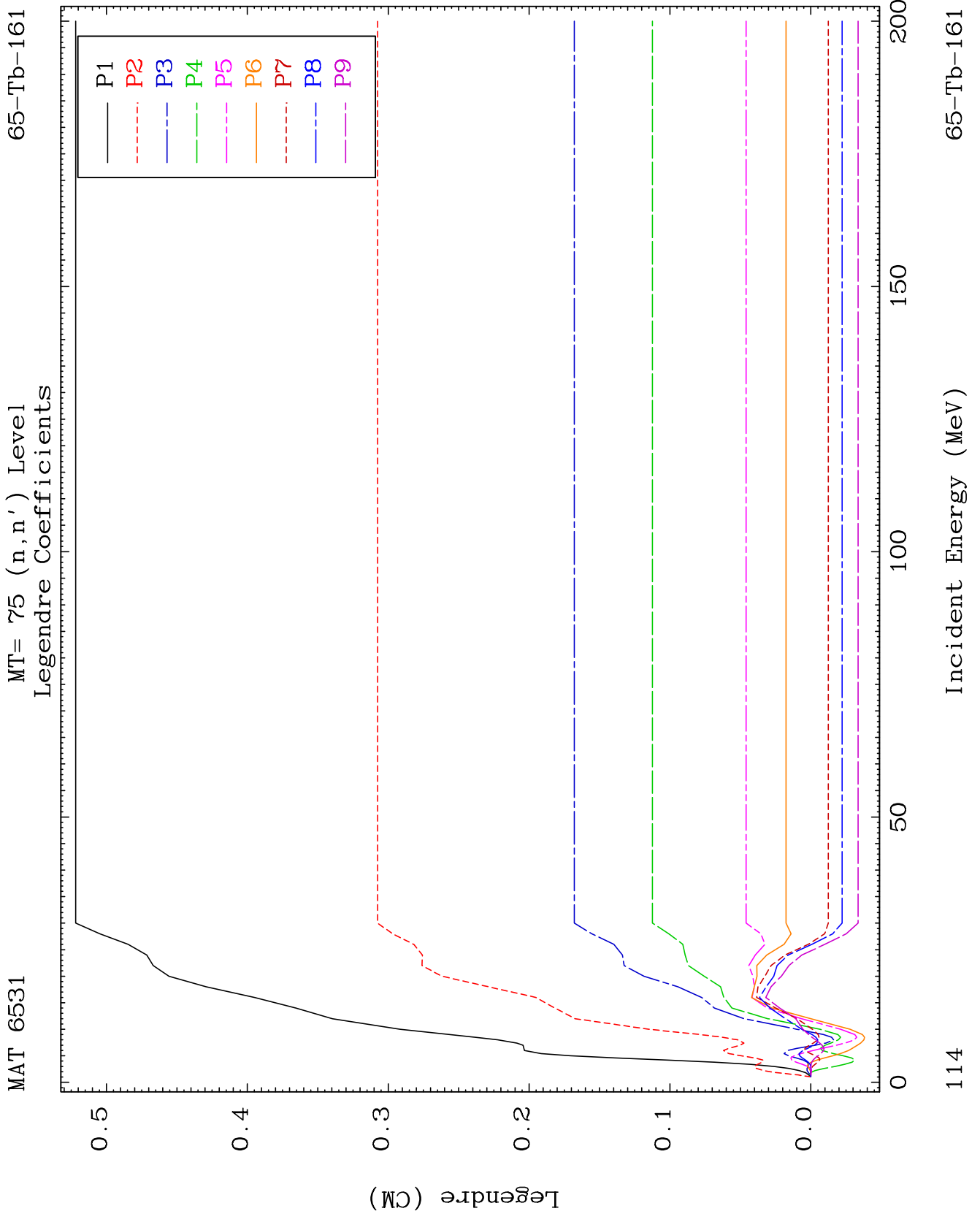
MT= 74 (n,n') Level
Legendre Coefficients

65-Tb-161



112

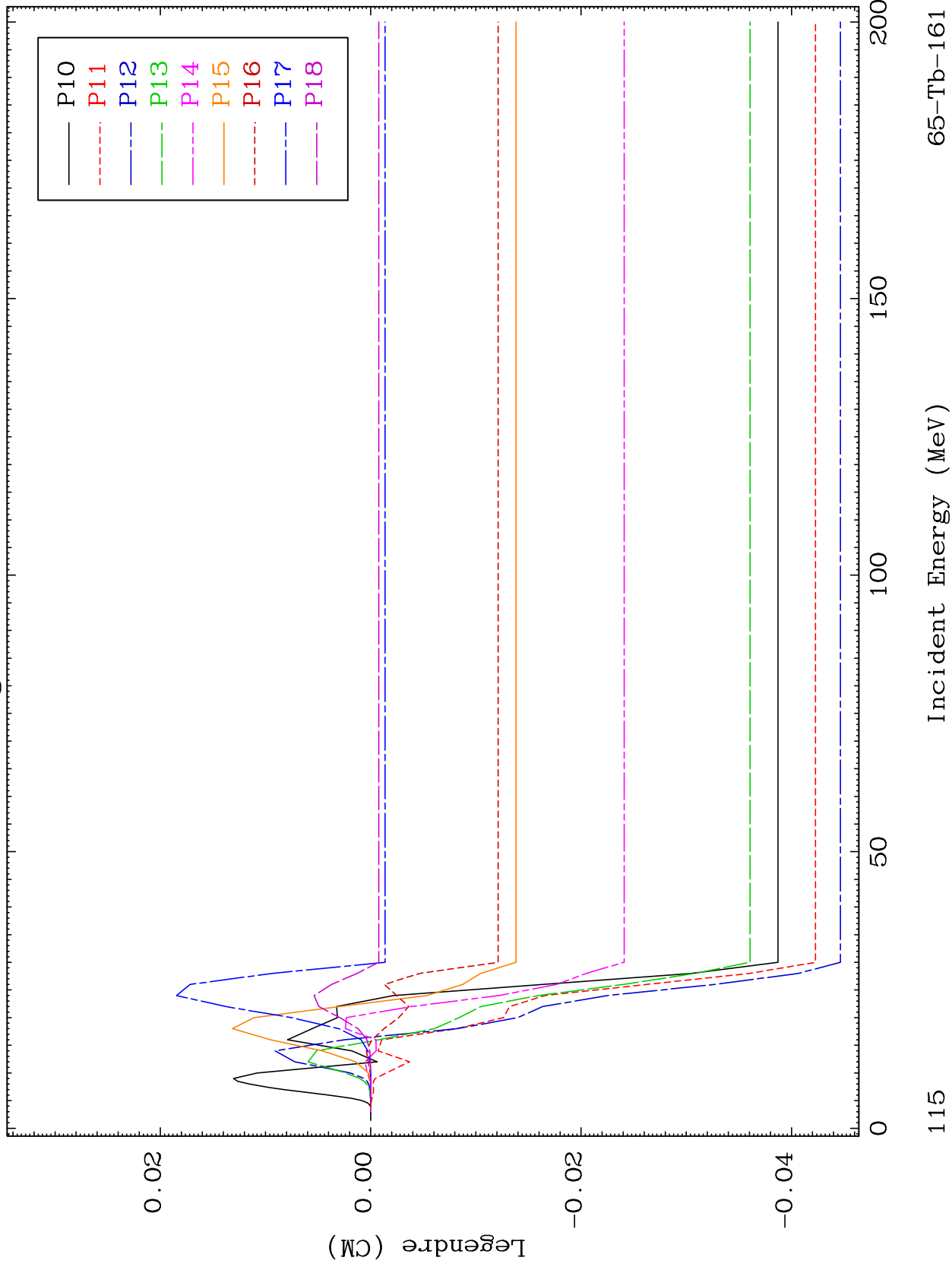




MAT 6531

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

65-Tb-161



65-Tb-161

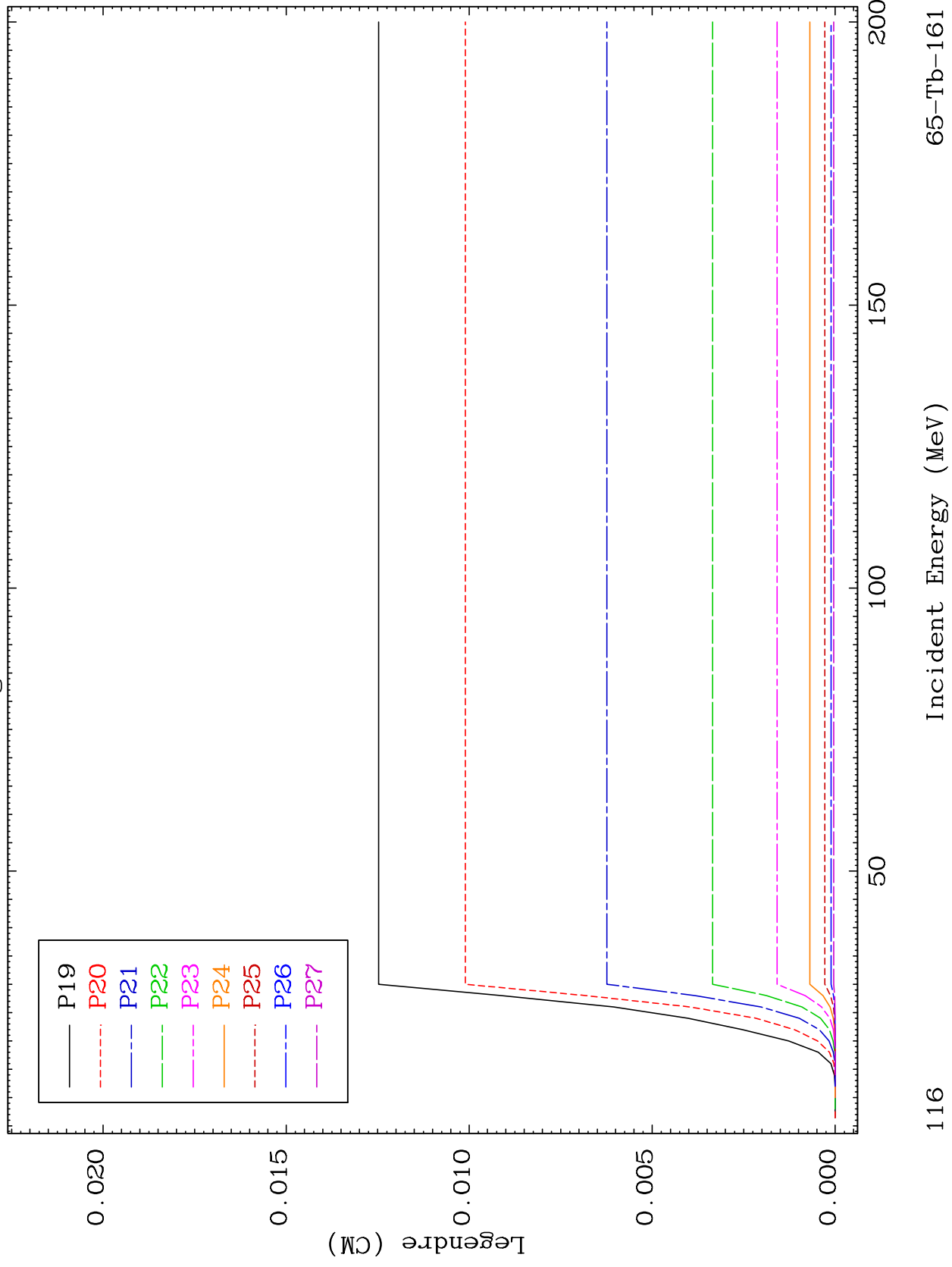
Incident Energy (MeV)

115

MAT 6531

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

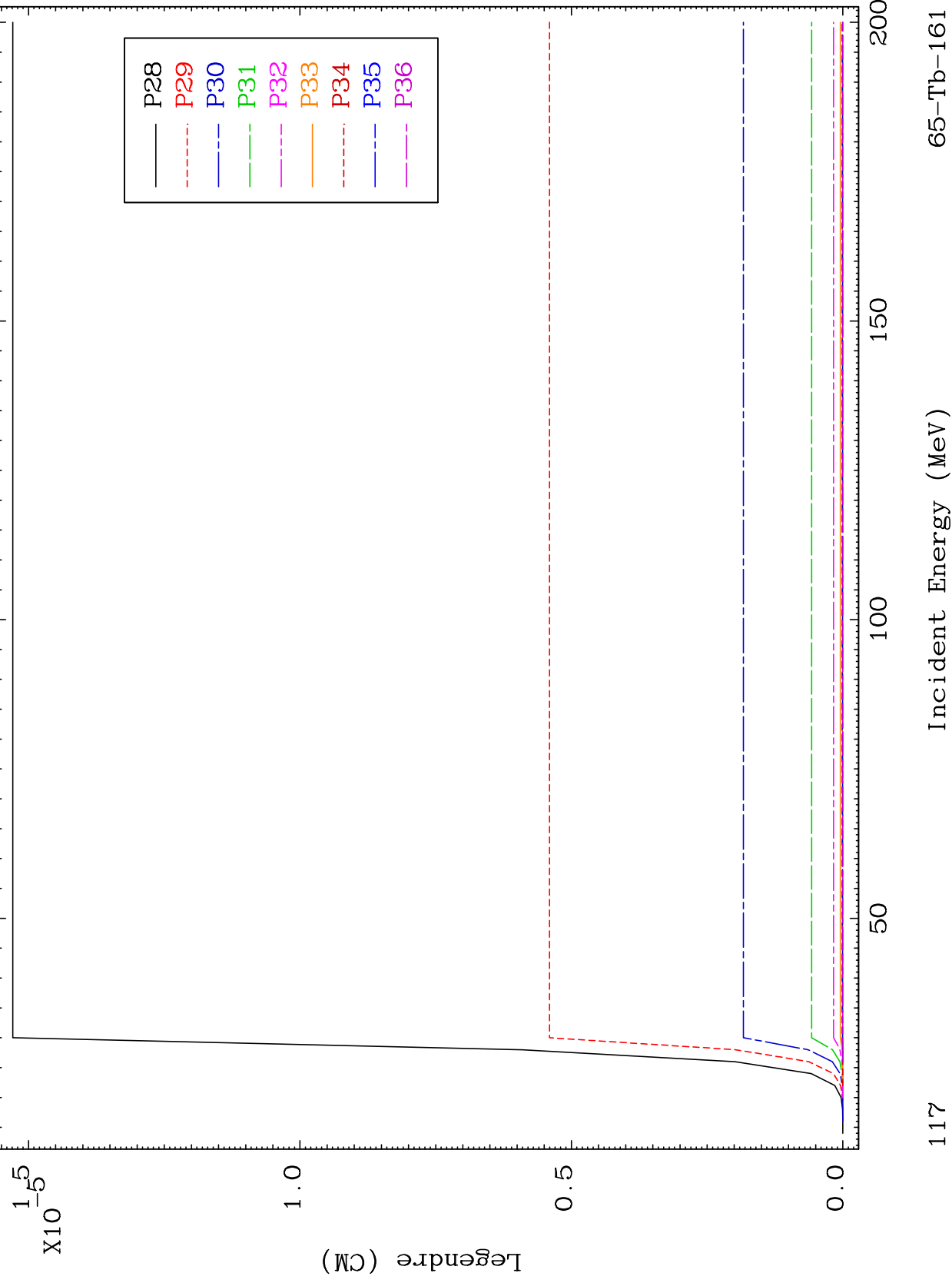
65-Tb-161



MAT 6531

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

65-Tb-161



117

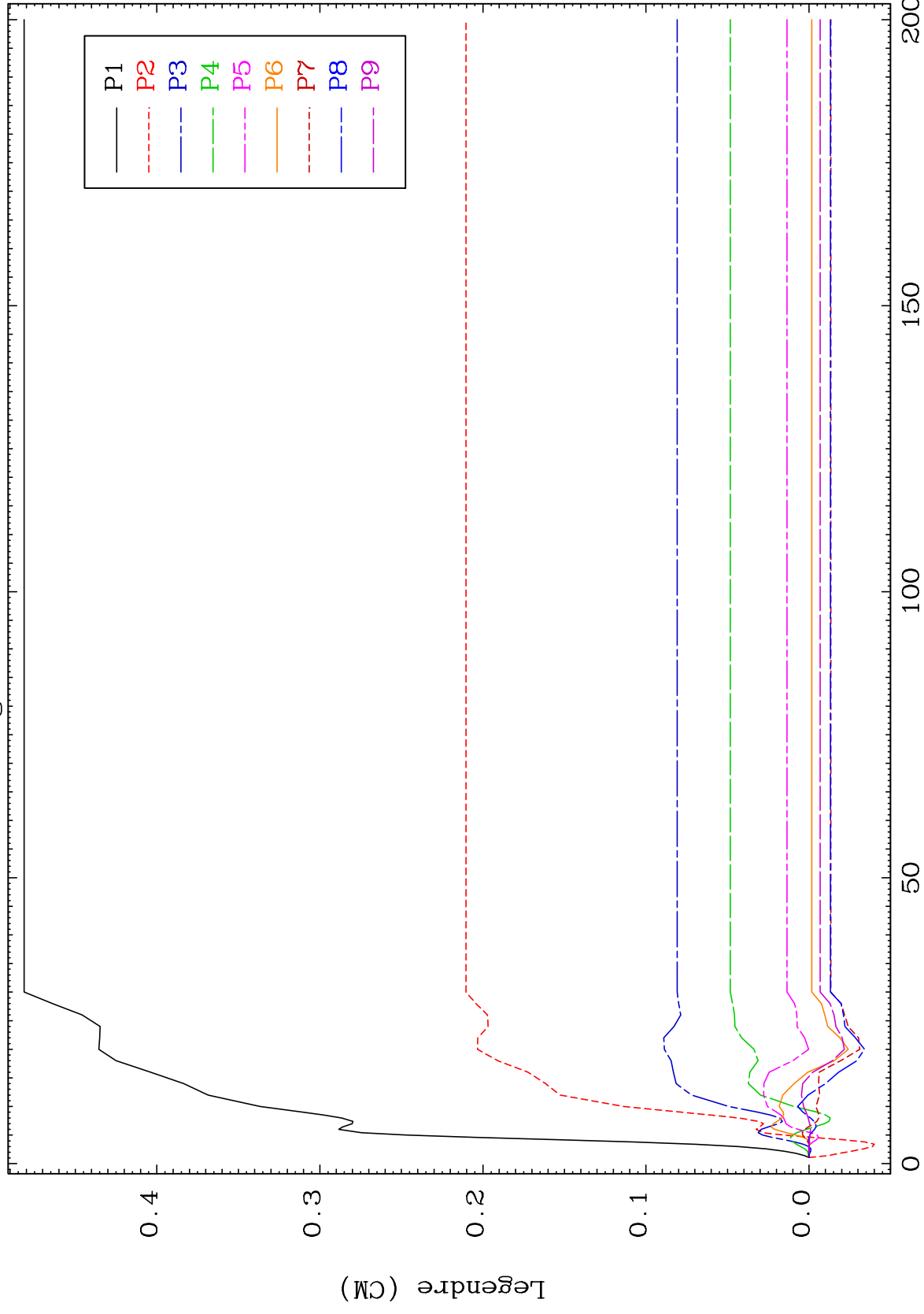
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

65-Tb-161



118

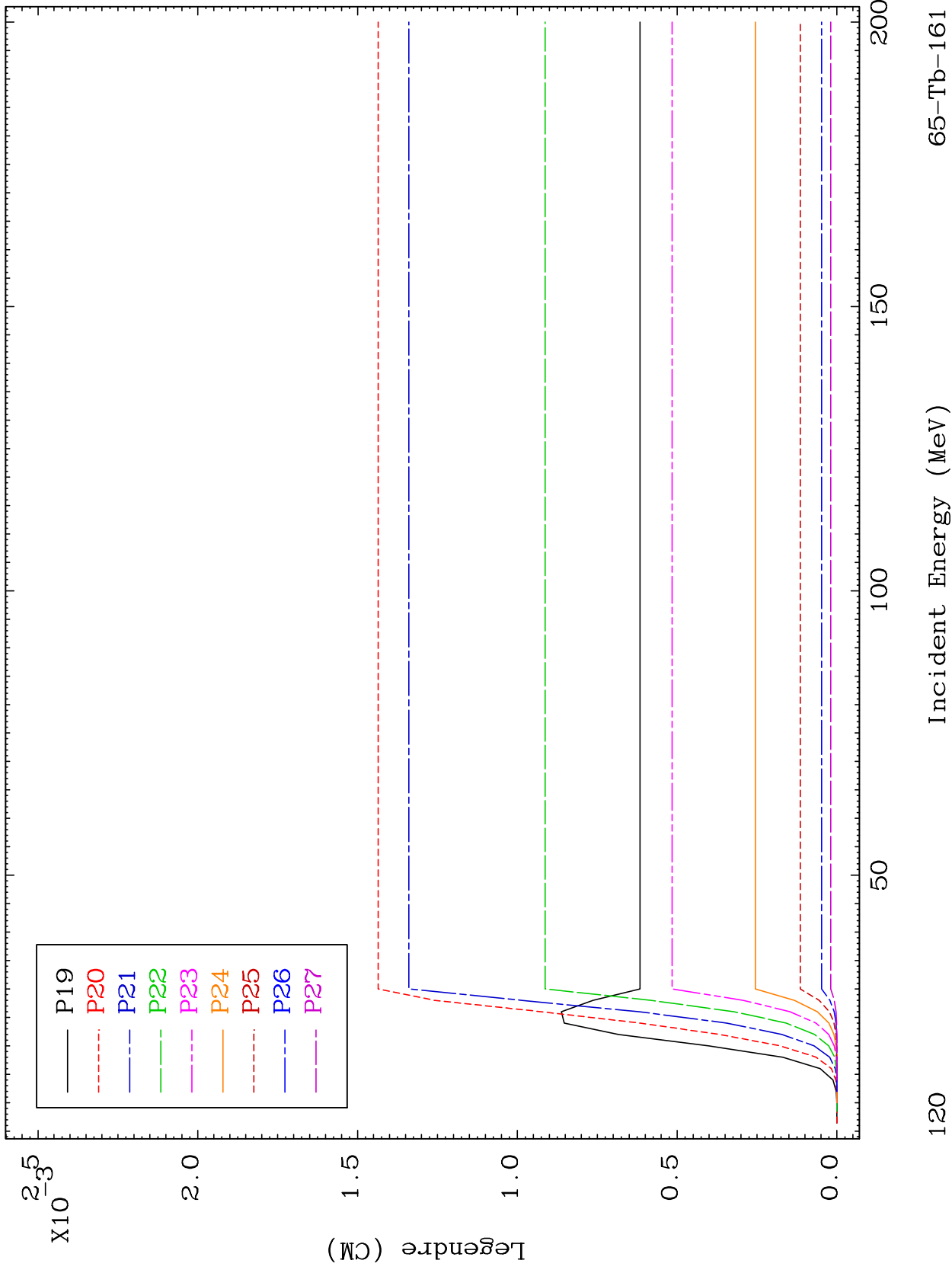
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

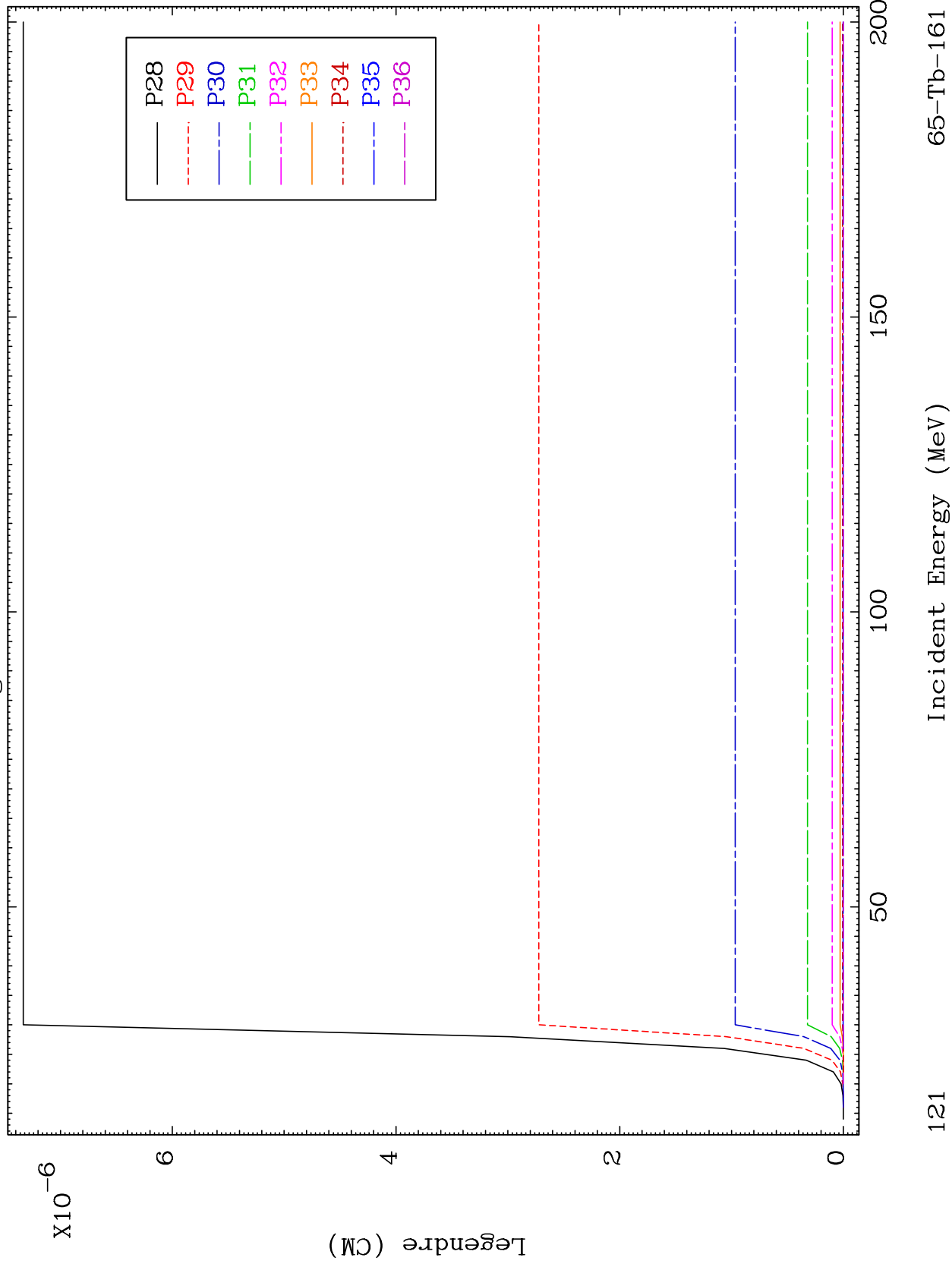
65-Tb-161



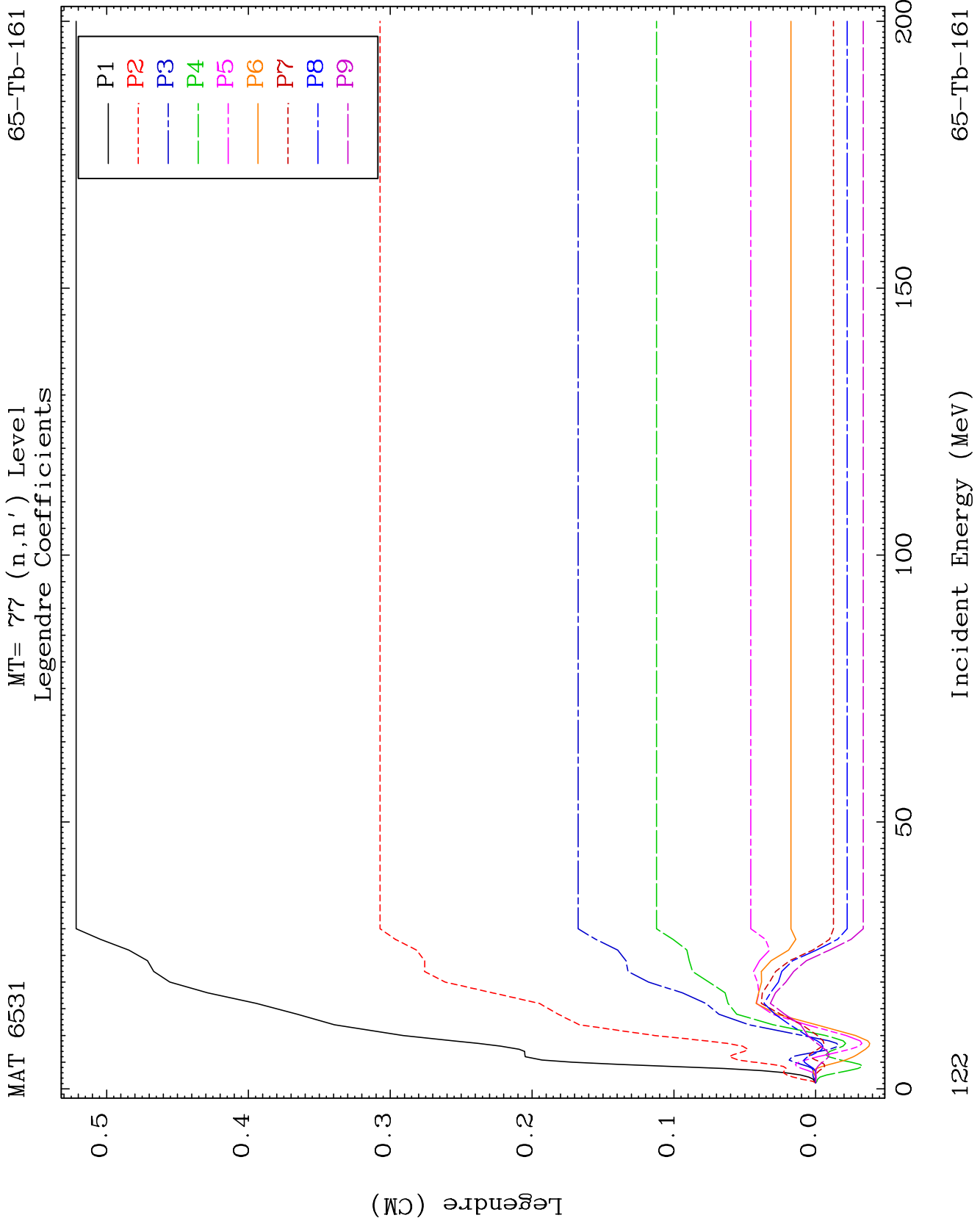
MAT 6531

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

65-Tb-161



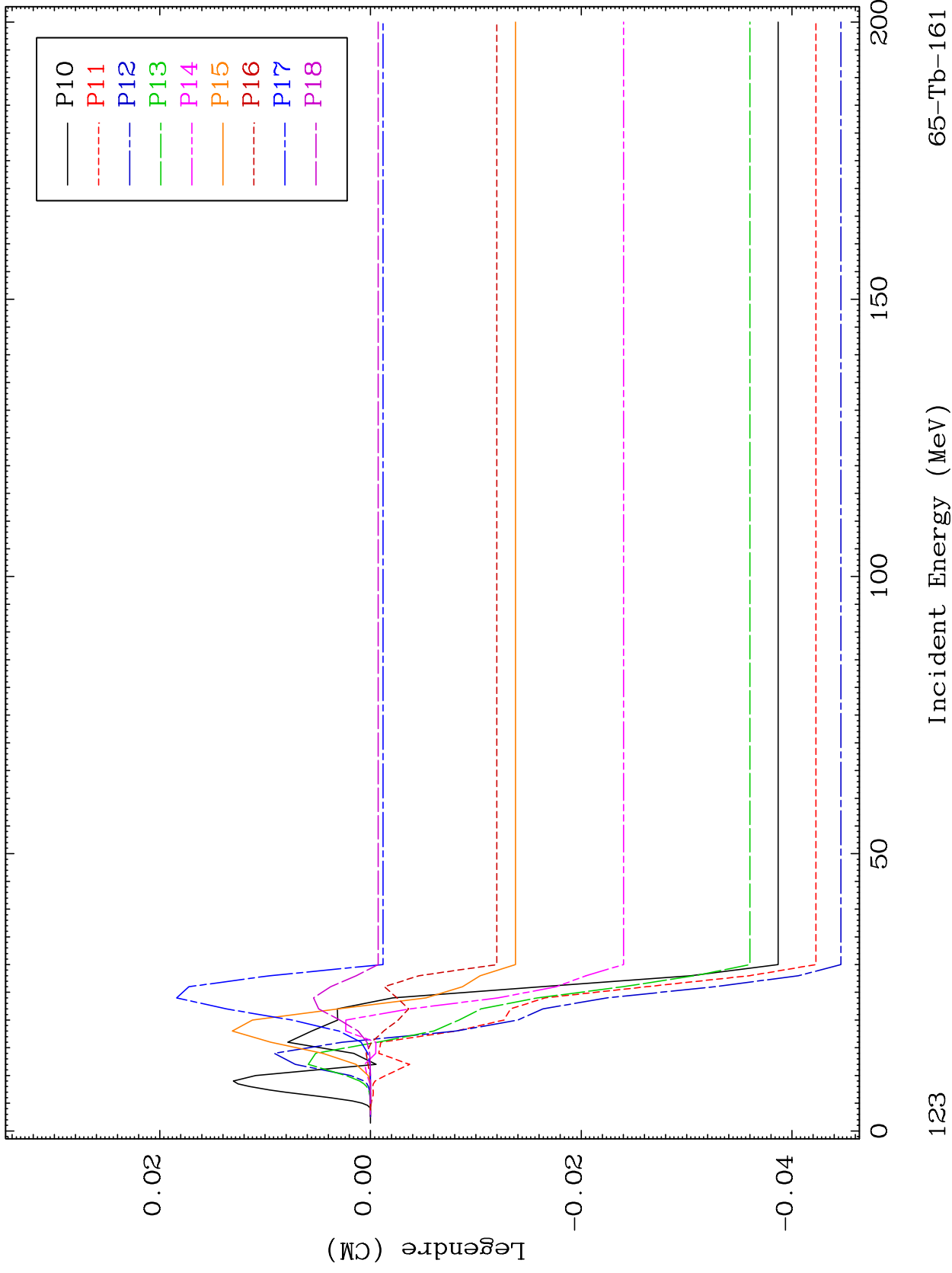
121



MAT 6531

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

65-Tb-161



123

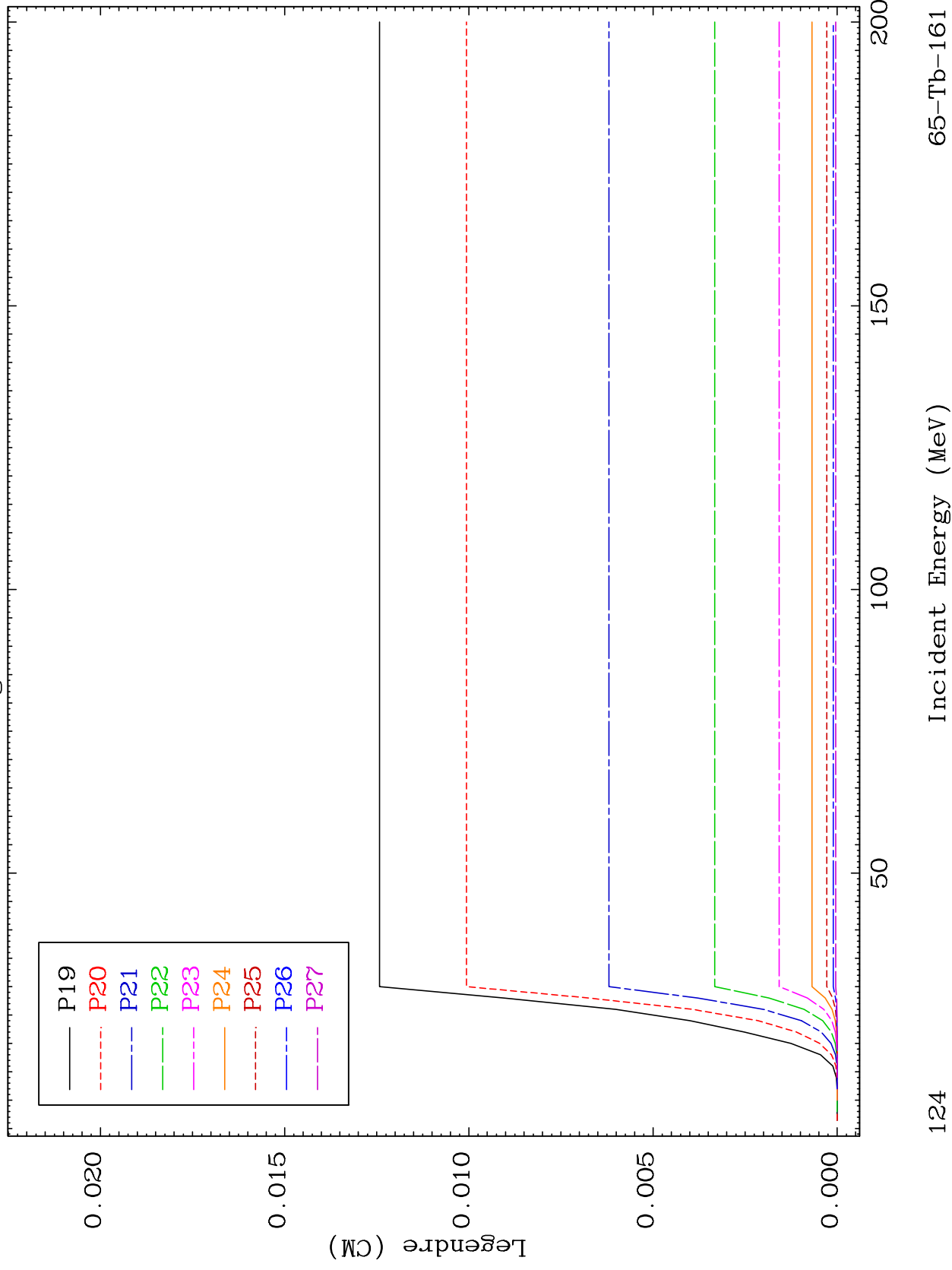
Incident Energy (MeV)

65-Tb-161

MAT 6531

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

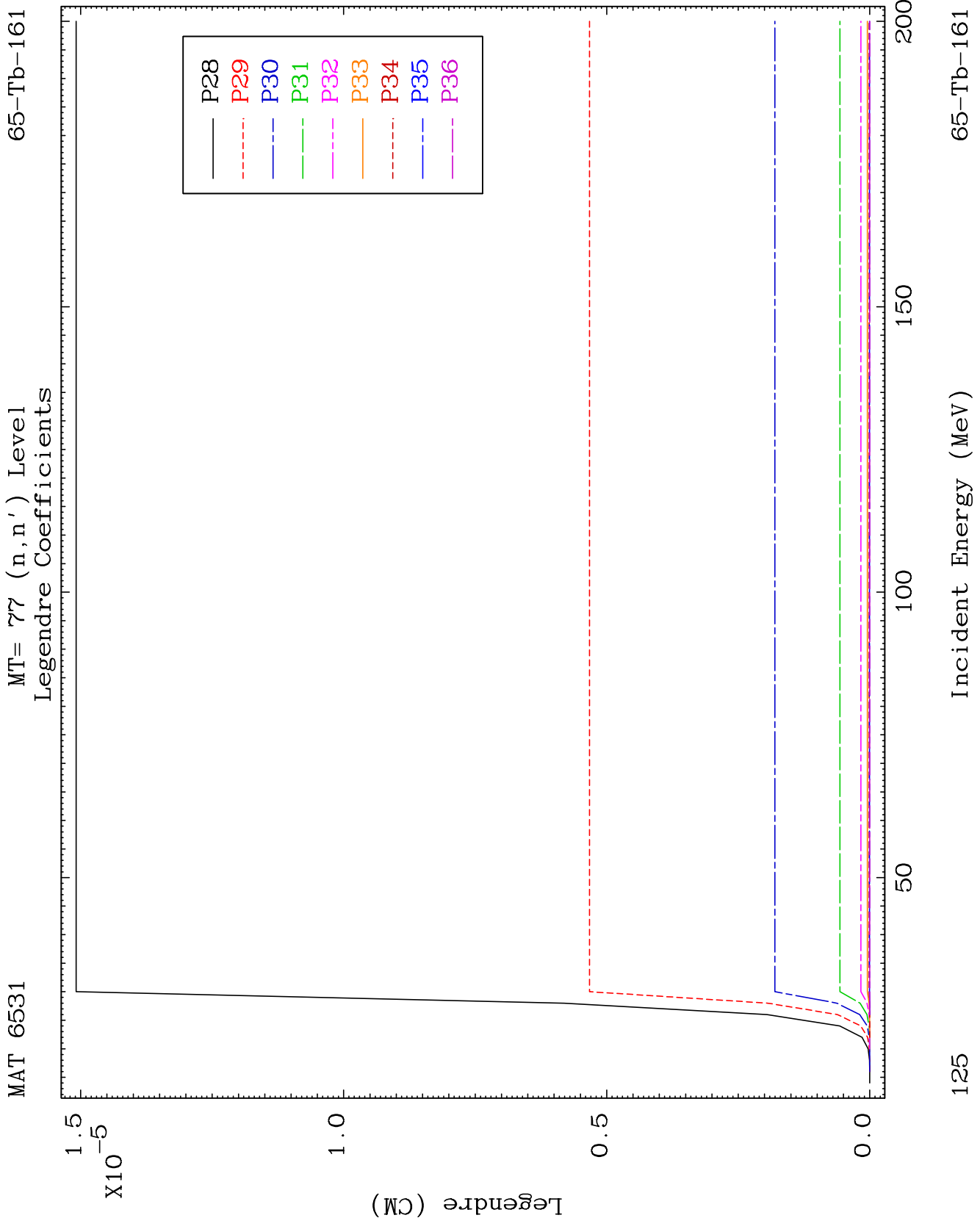
65-Tb-161



124

Incident Energy (MeV)

65-Tb-161



(n,4n)
Radionuclide Production Cross Section

