

Program EVALPLOT
(Version 2015-2)

by

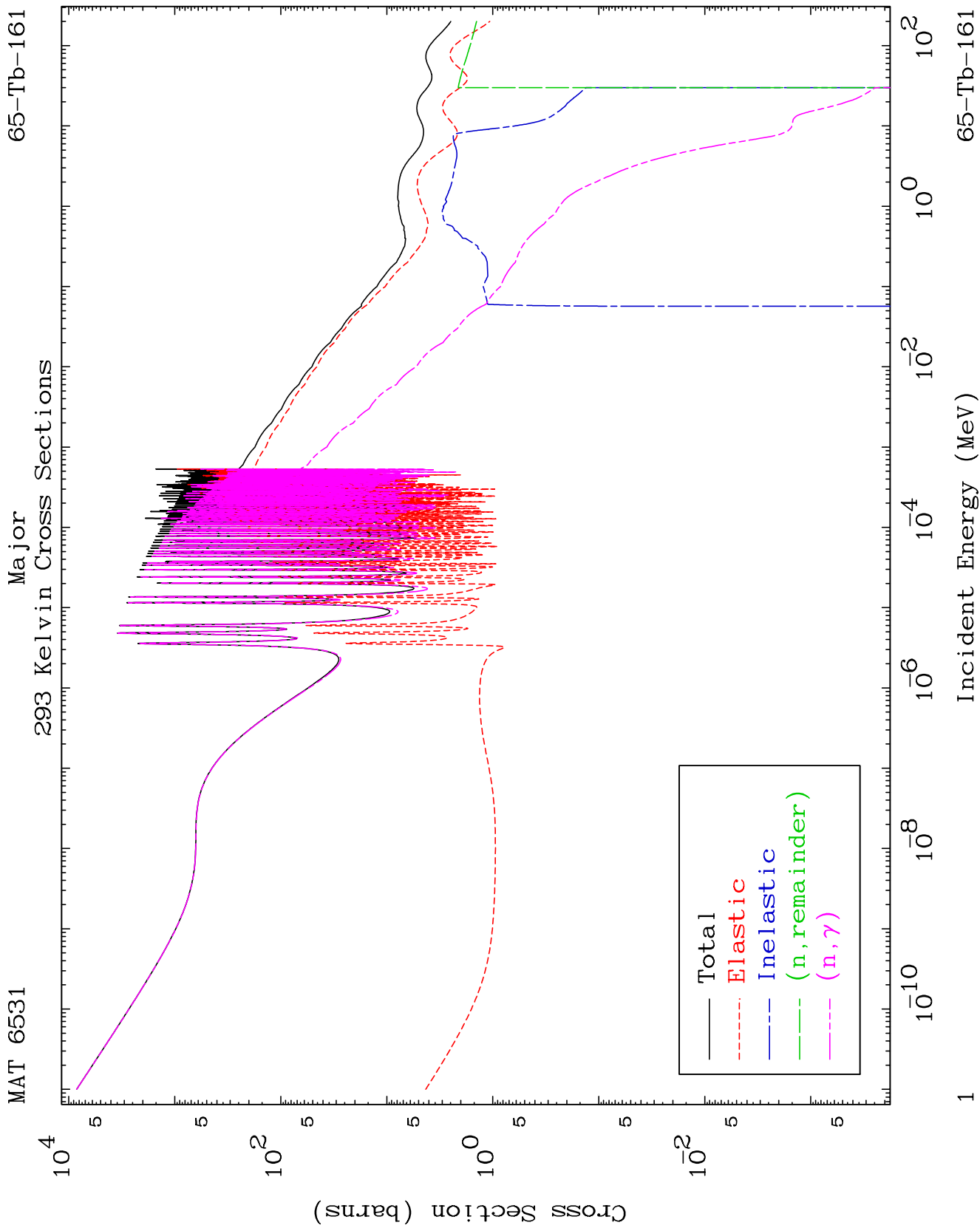
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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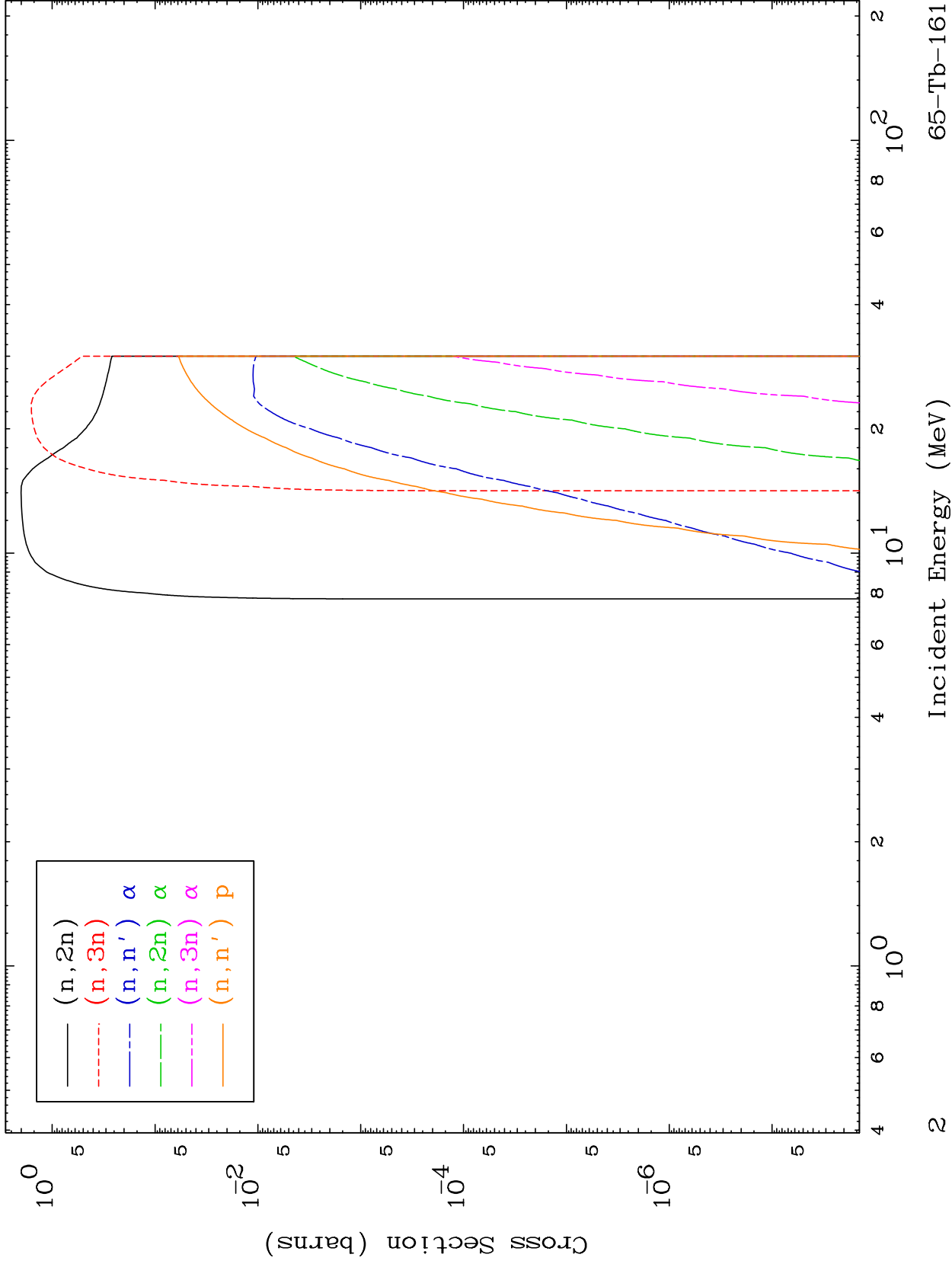
Press Mouse Button to Start



MAT 6531

Neutron Production
293 Kelvin Cross Sections

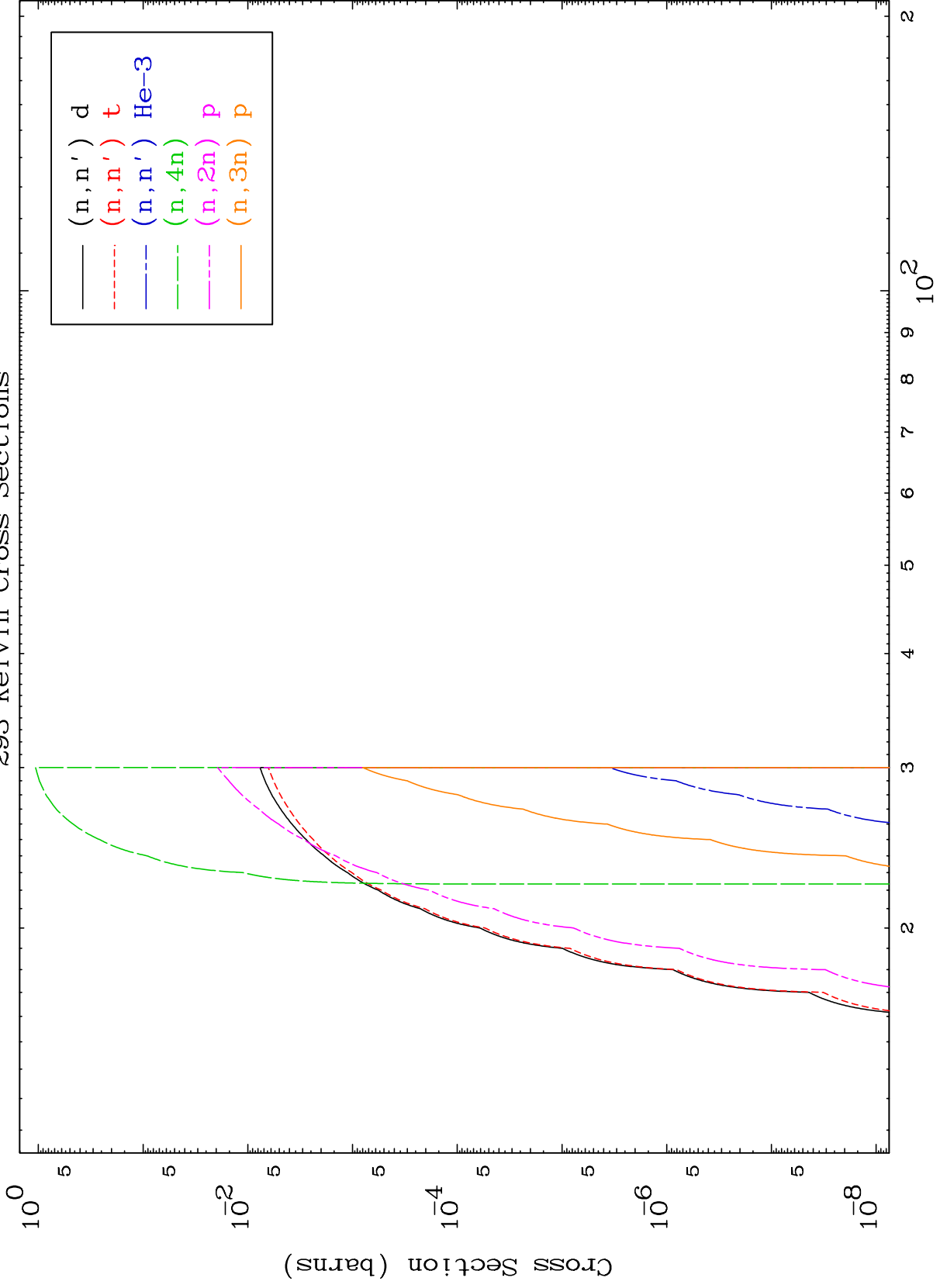
65-Tb-161



2

Incident Energy (MeV)

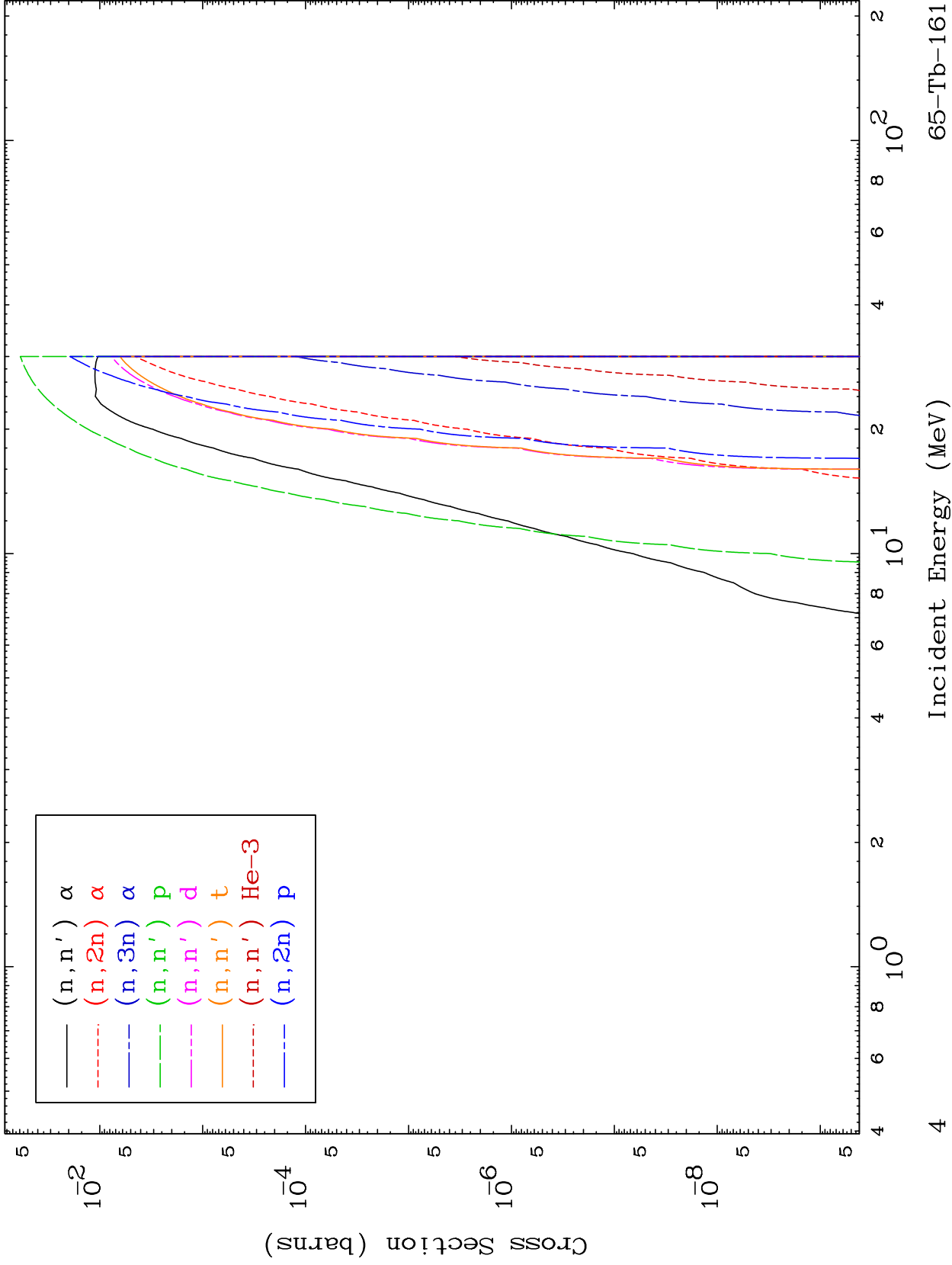
65-Tb-161



MAT 6531

293 Kelvin Cross Sections
Charged Particle

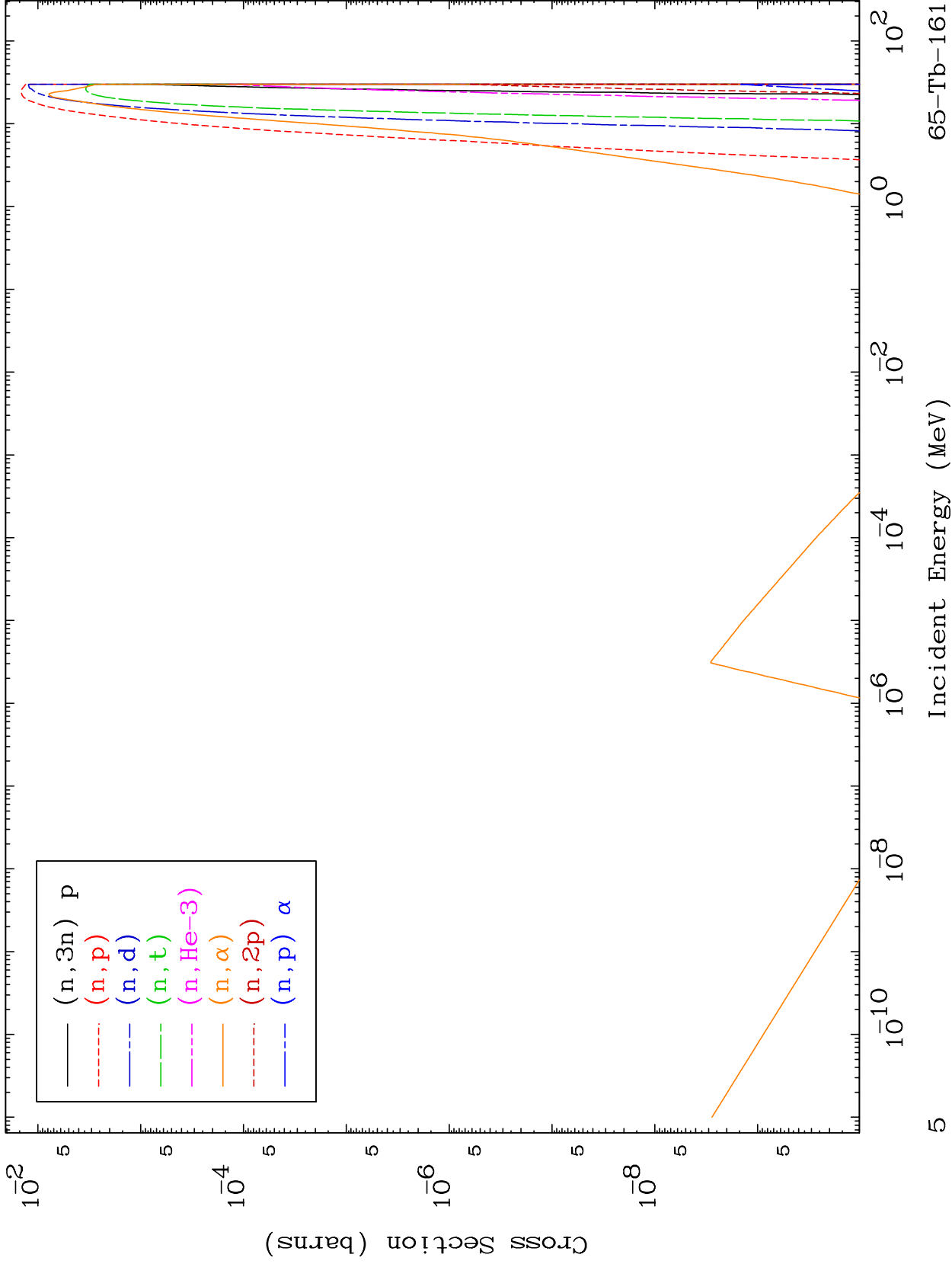
65-Tb-161

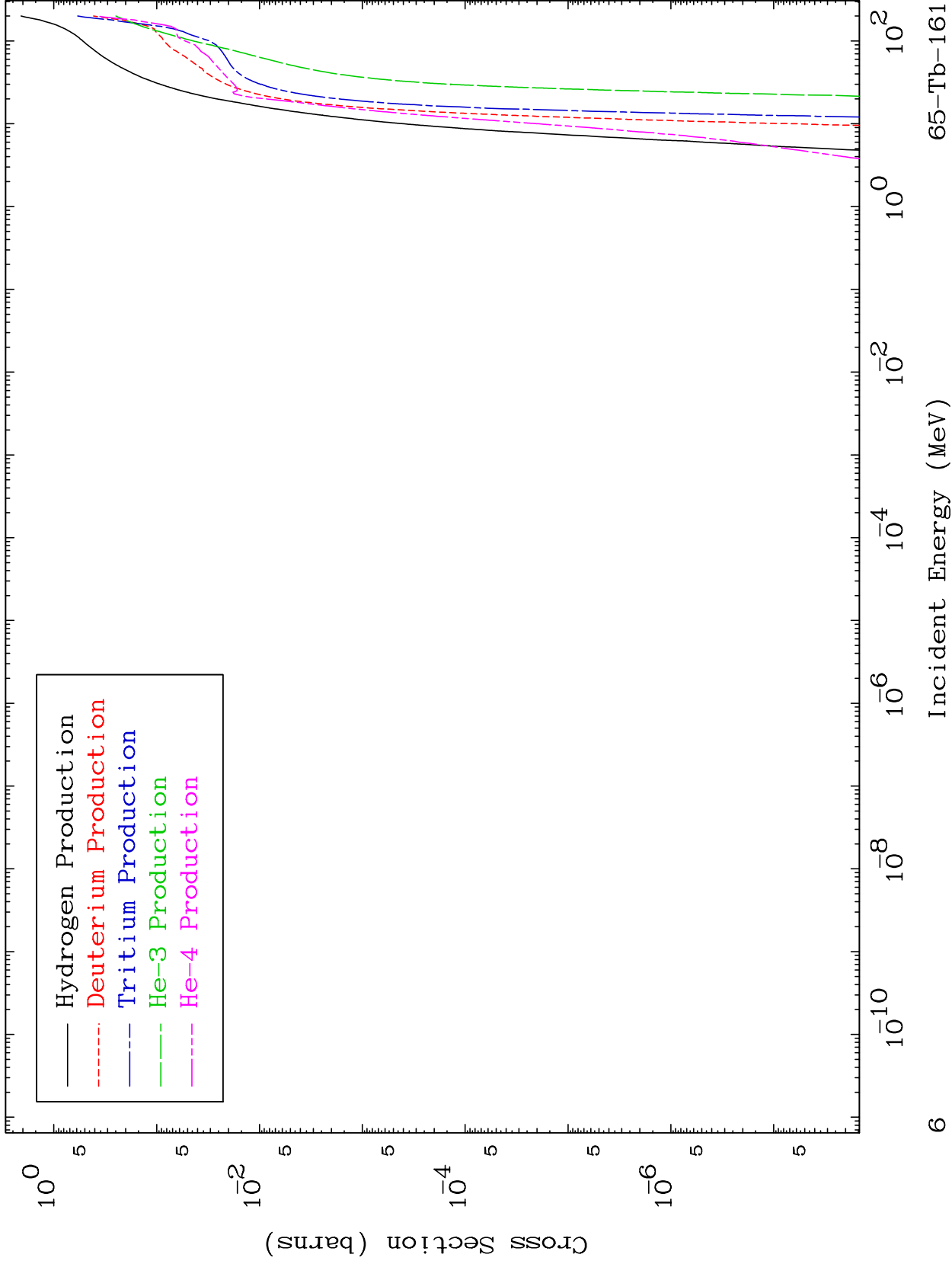


MAT 6531

Charged Particle
293 Kelvin Cross Sections

65-Tb-161



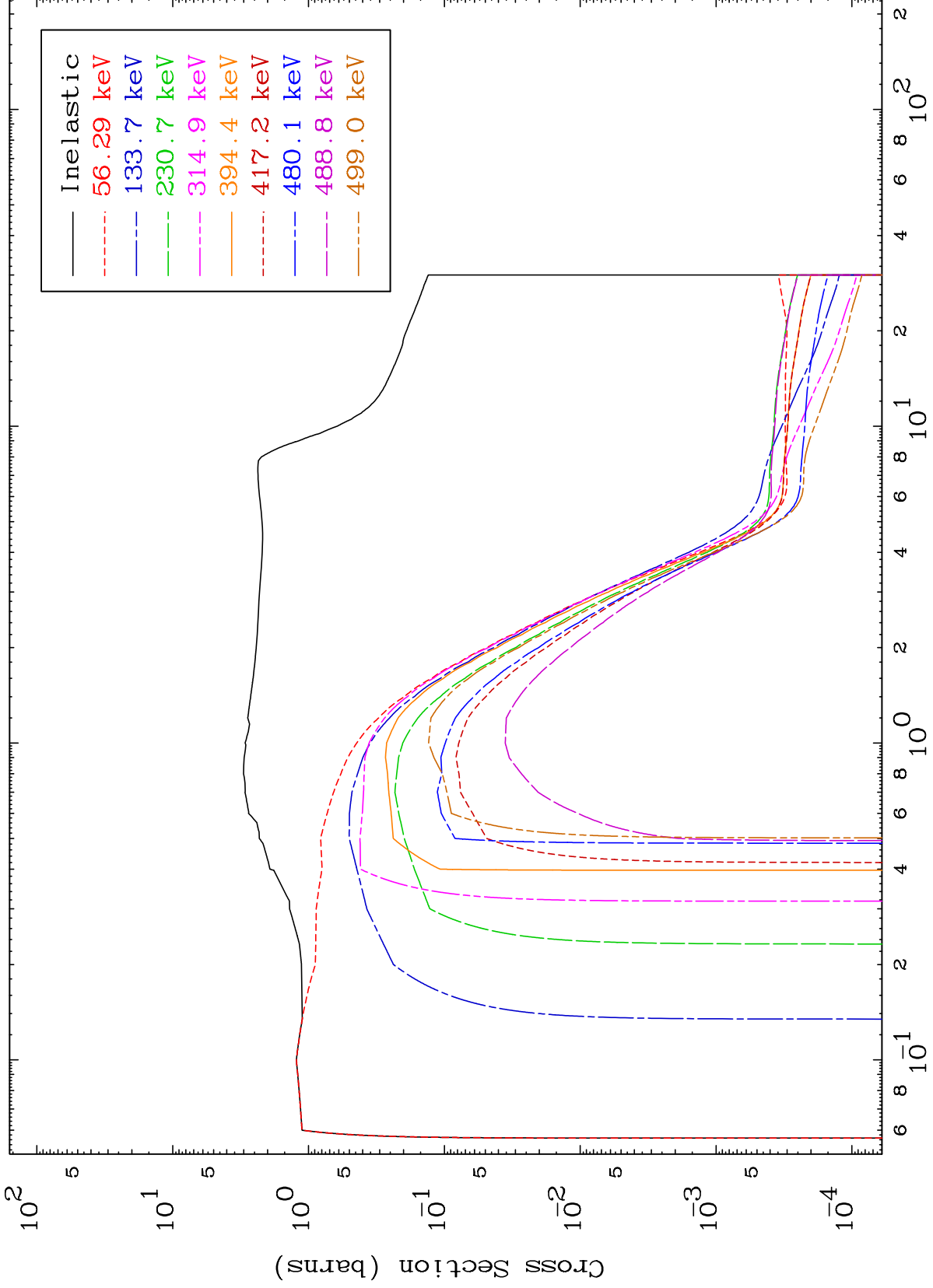


MAT 6531

(n,n') Level

65-Tb-161

293 Kelvin Cross Sections



7

Incident Energy (MeV)

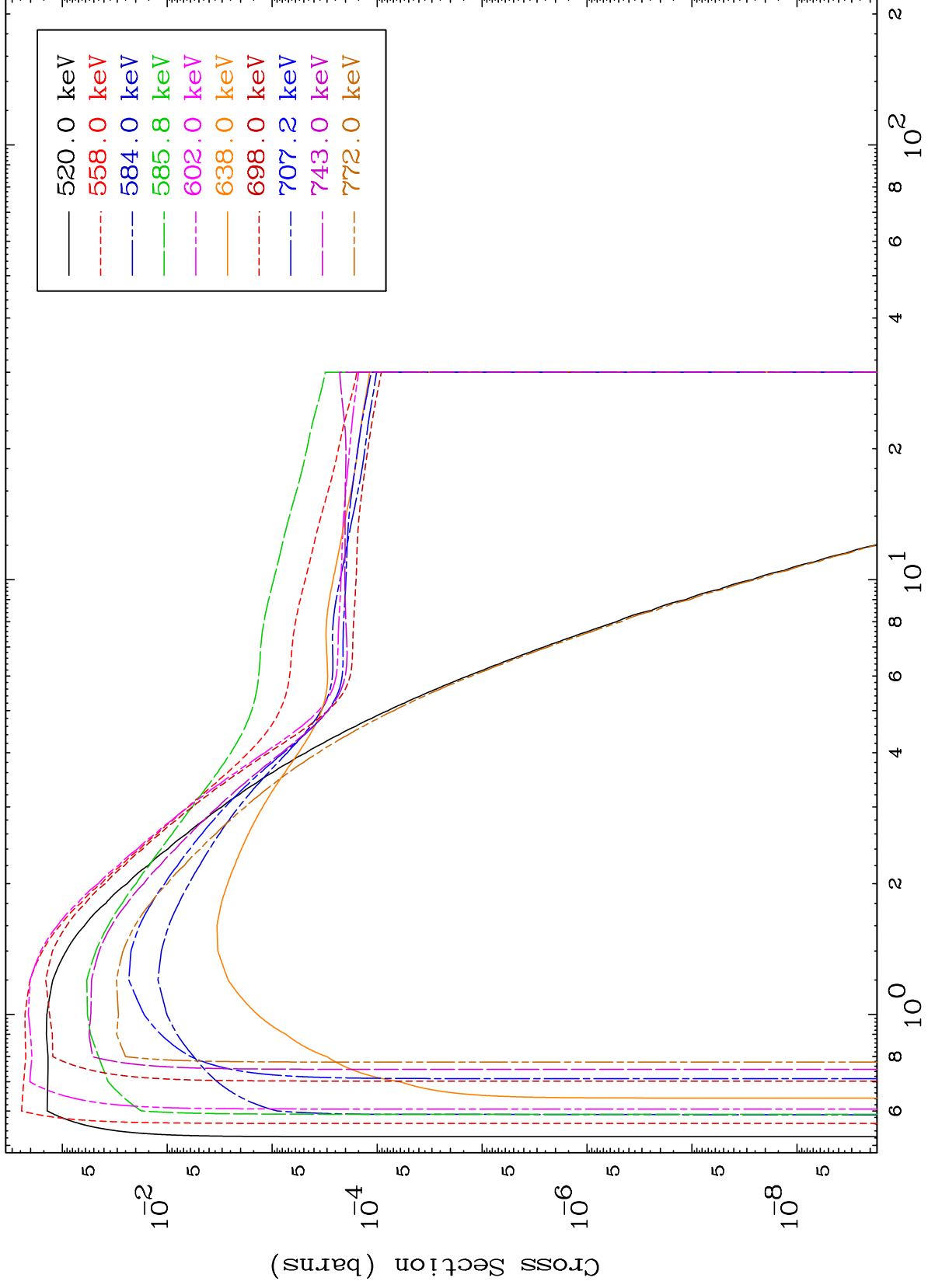
65-Tb-161

MAT 6531

(n,n') Level

65-Tb-161

293 Kelvin Cross Sections



8

Incident Energy (MeV)

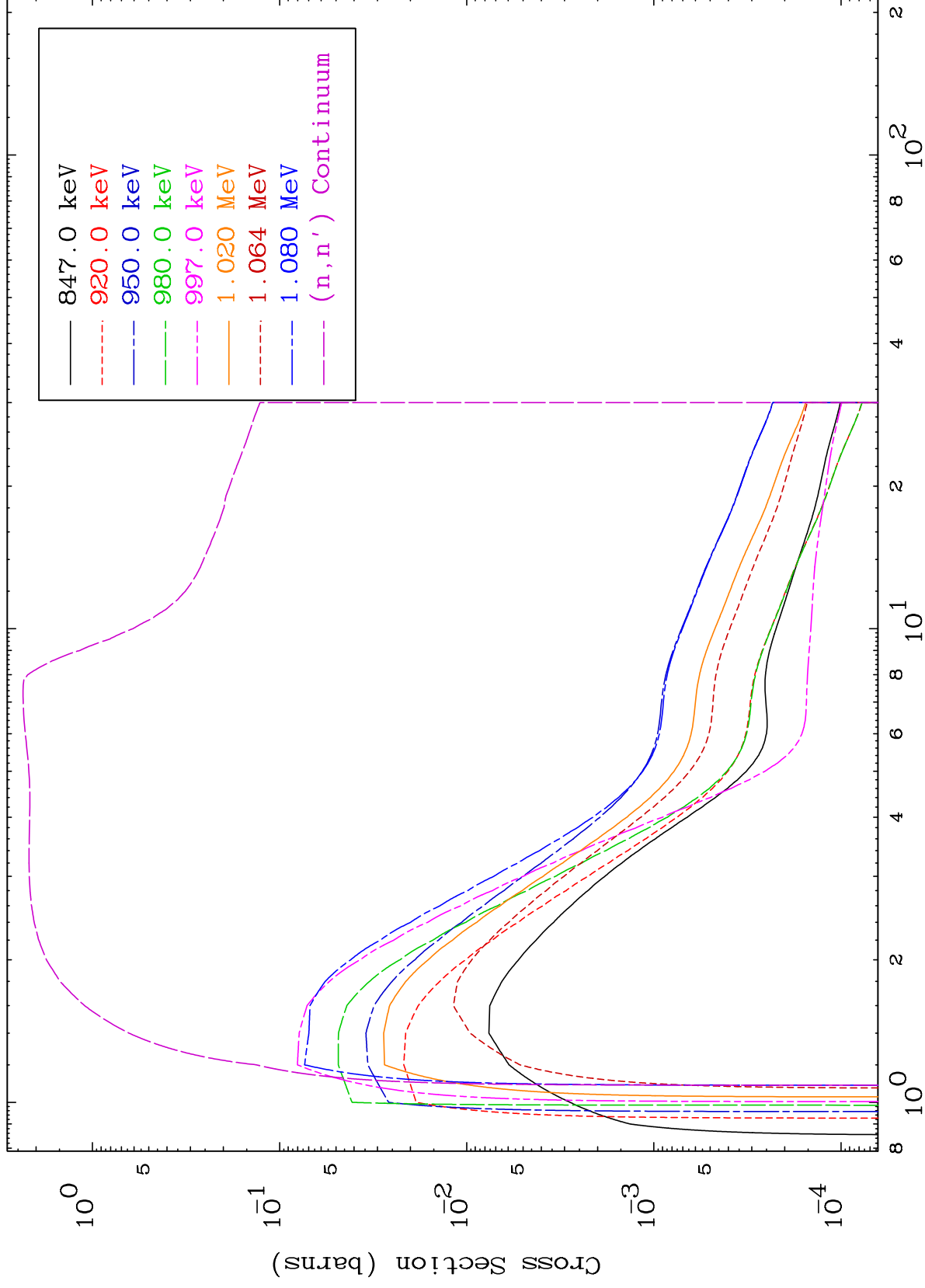
65-Tb-161

MAT 6531

(n,n') Level

65-Tb-161

293 Kelvin Cross Sections



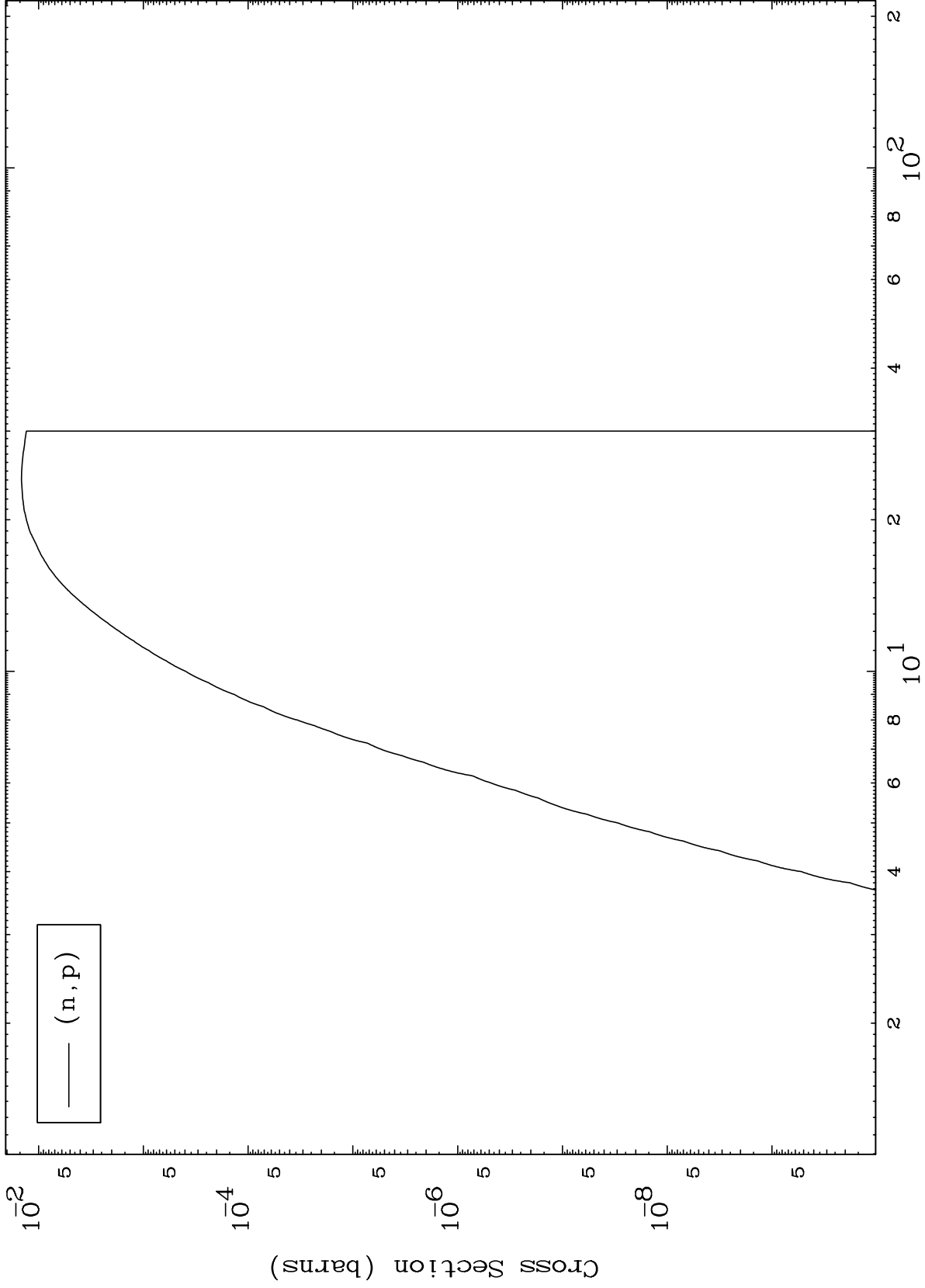
Incident Energy (MeV)

65-Tb-161

MAT 6531

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-161



10

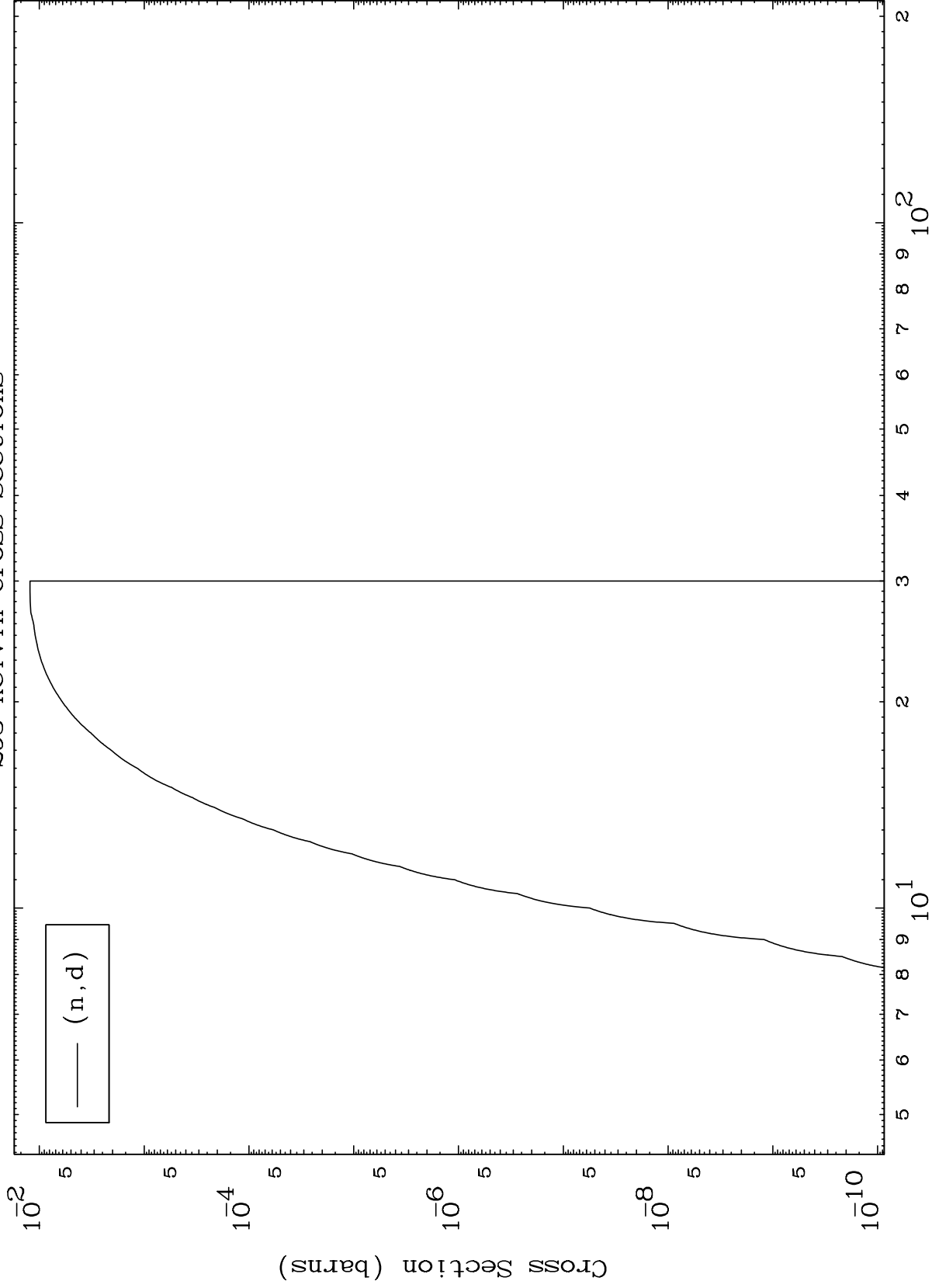
Incident Energy (MeV)

65-Tb-161

MAT 6531

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-161



11

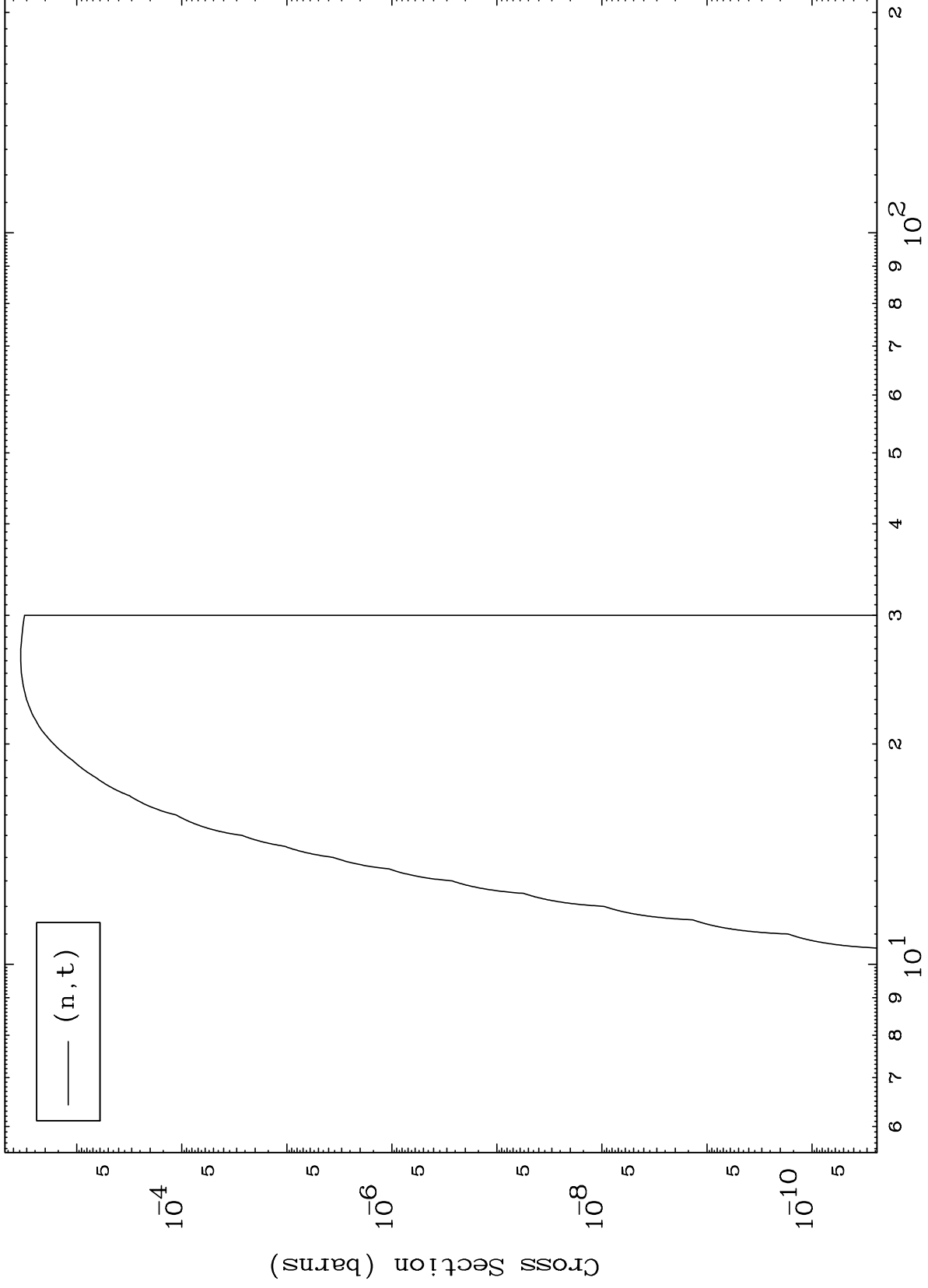
Incident Energy (MeV)

65-Tb-161

MAT 6531

(n, t) Levels
293 Kelvin Cross Sections

65-Tb-161



12

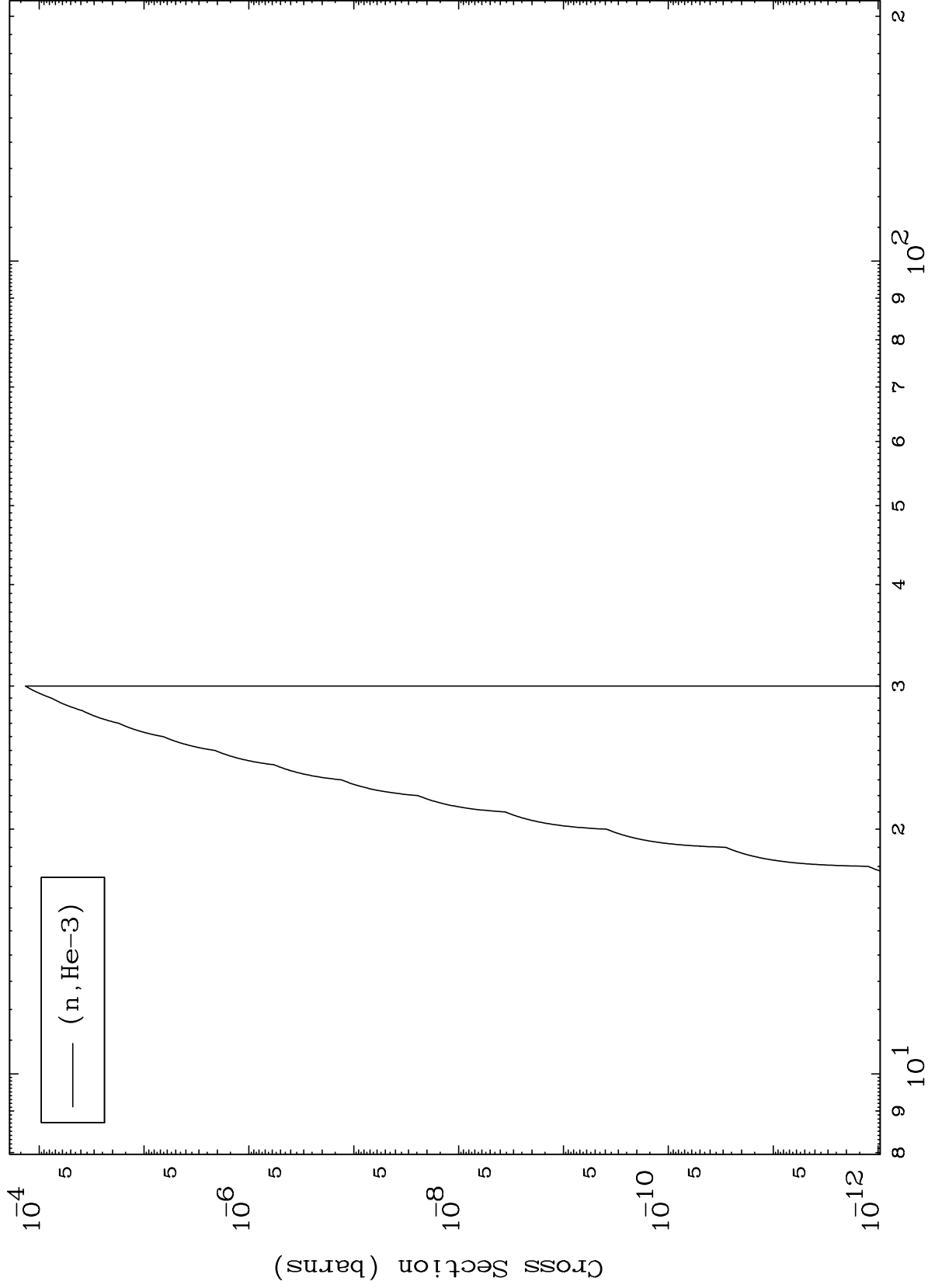
Incident Energy (MeV)

65-Tb-161

MAT 6531

(n,He3) Levels
293 Kelvin Cross Sections

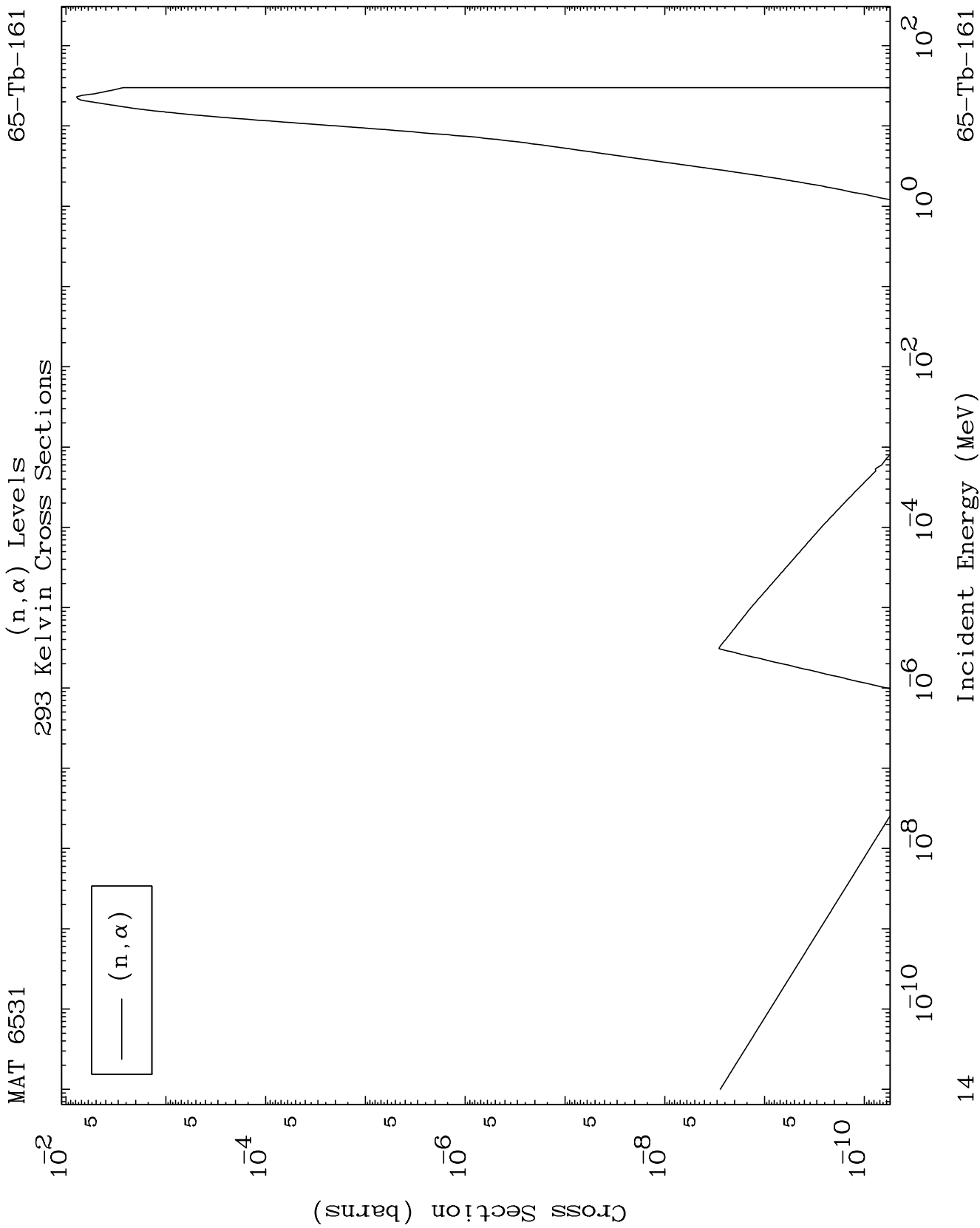
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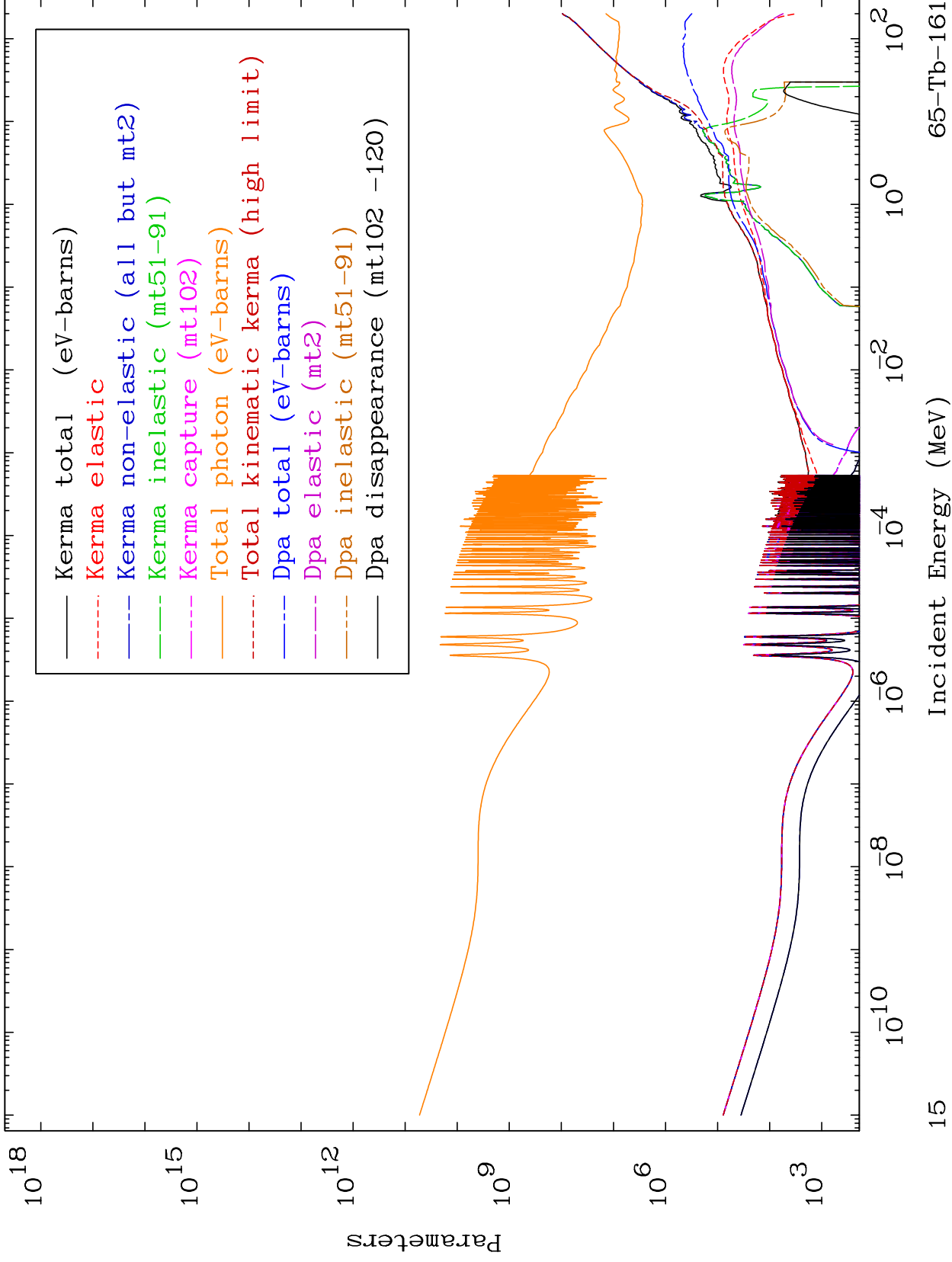


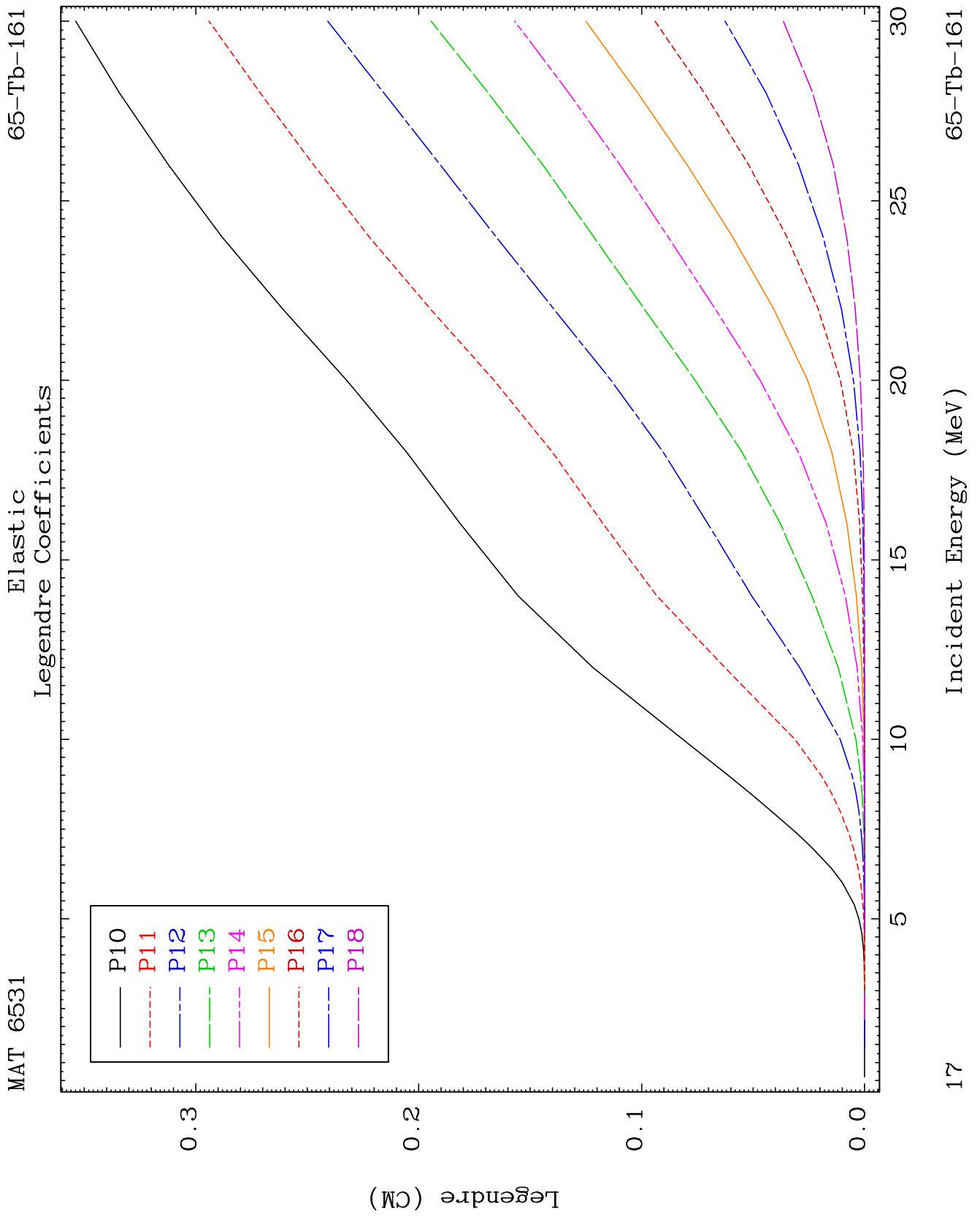
13

Incident Energy (MeV)

65-Tb-161



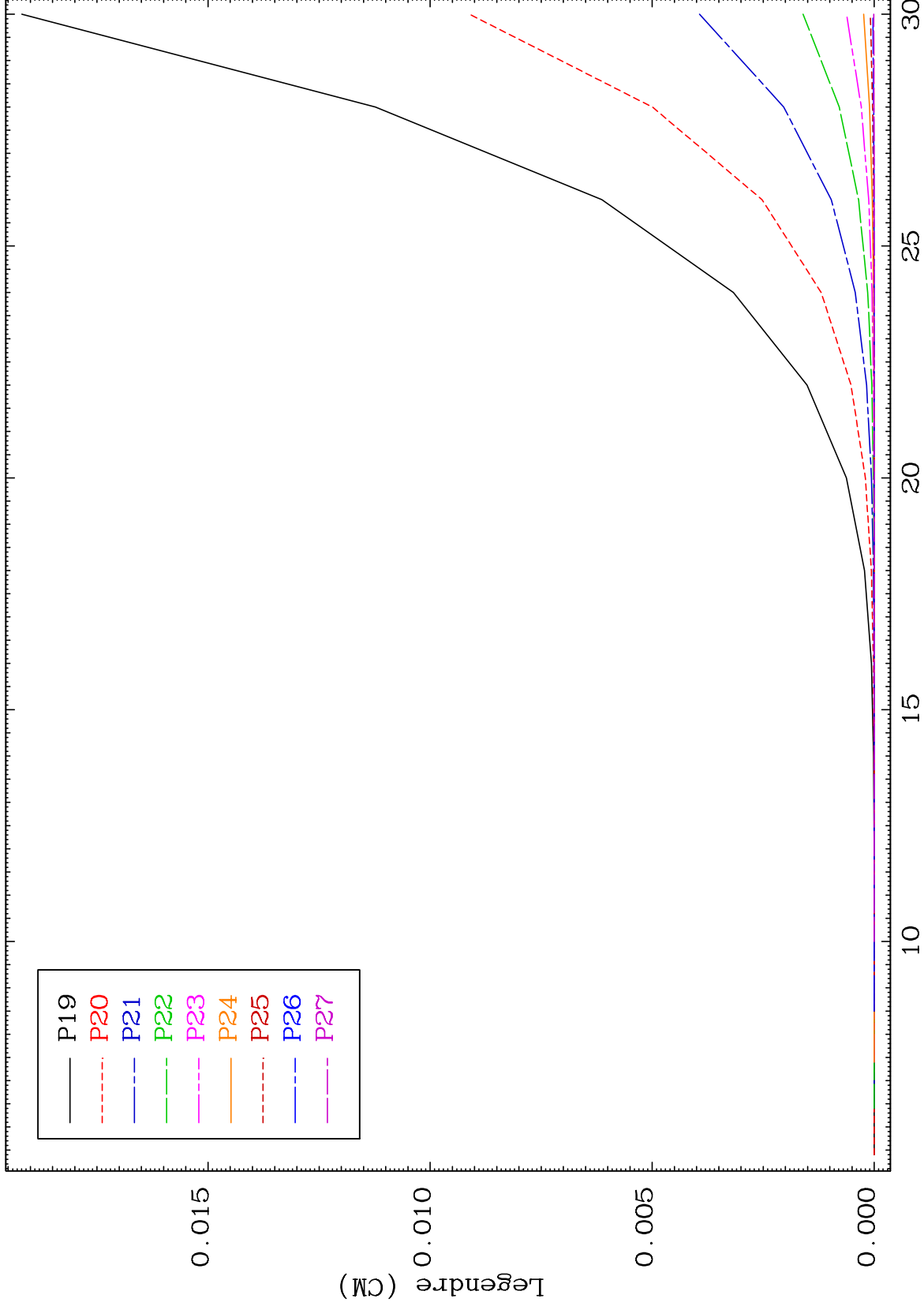




MAT 6531

Elastic Legendre Coefficients

65-Tb-161



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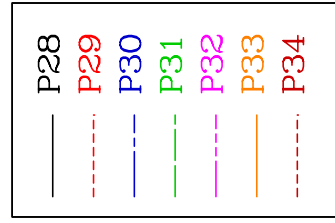
Incident Energy (MeV)

65-Tb-161

MAT 6531

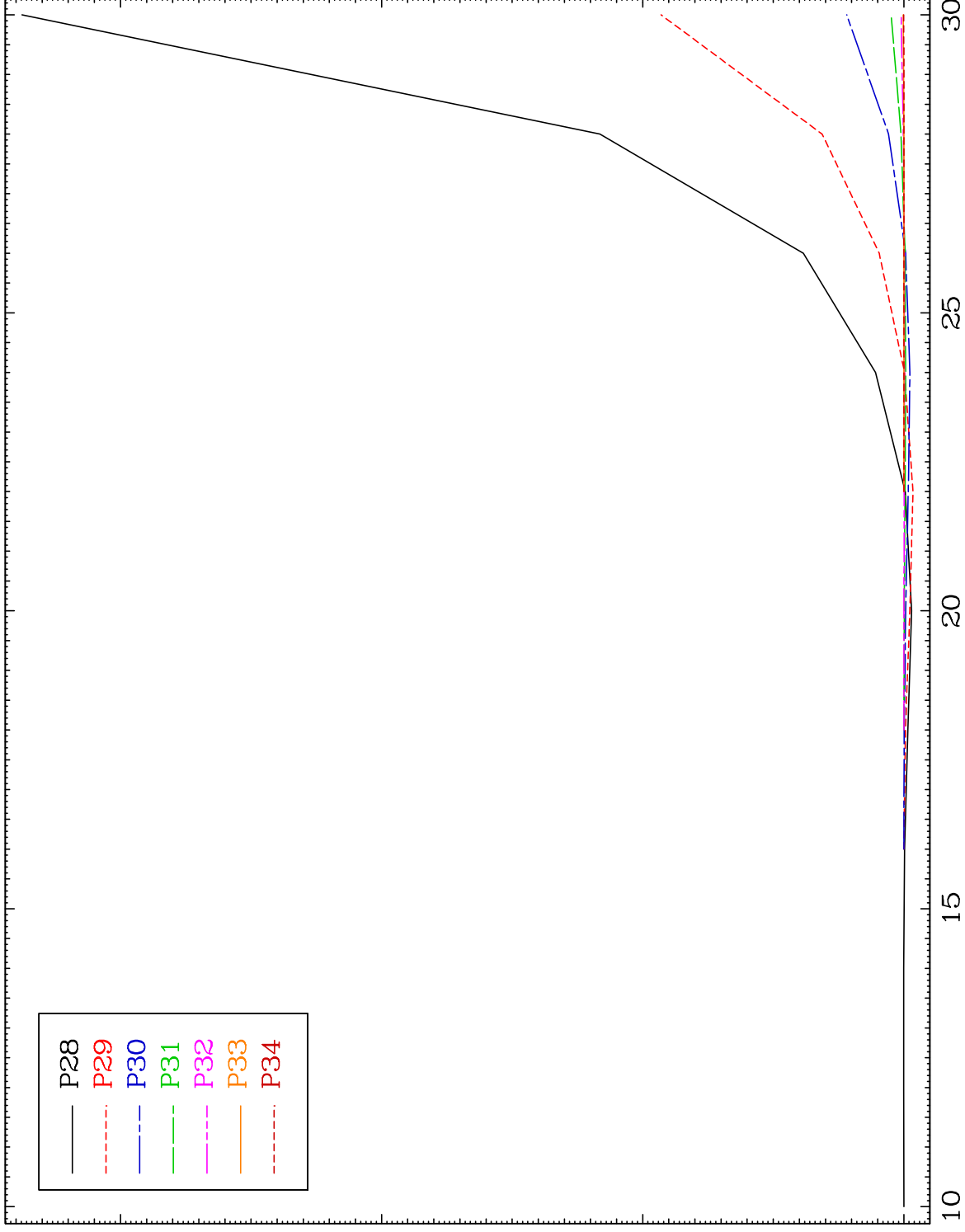
Elastic
Legendre Coefficients

65-Tb-161



$\times 10^{-6}$

Legendre (CM)



10

15

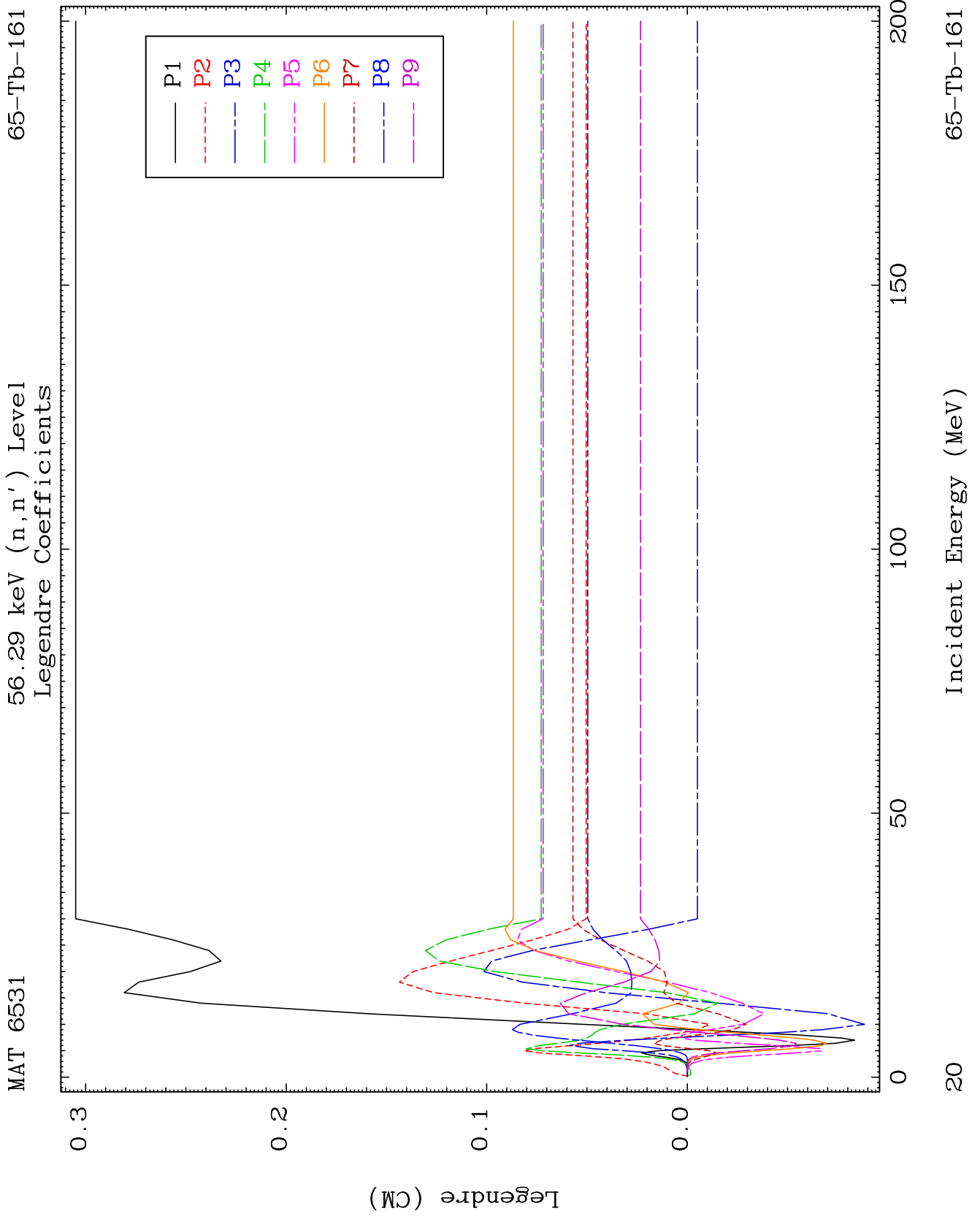
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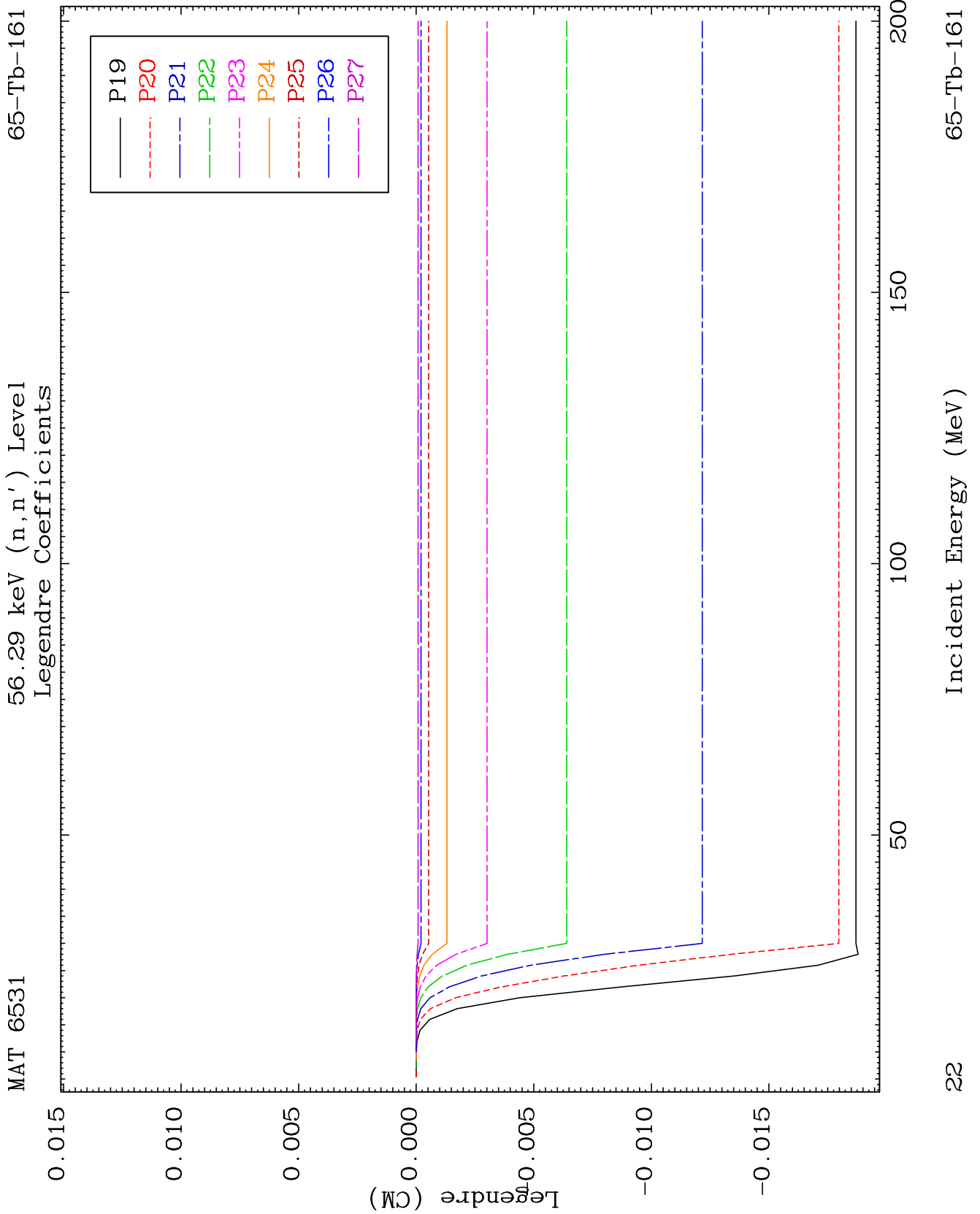
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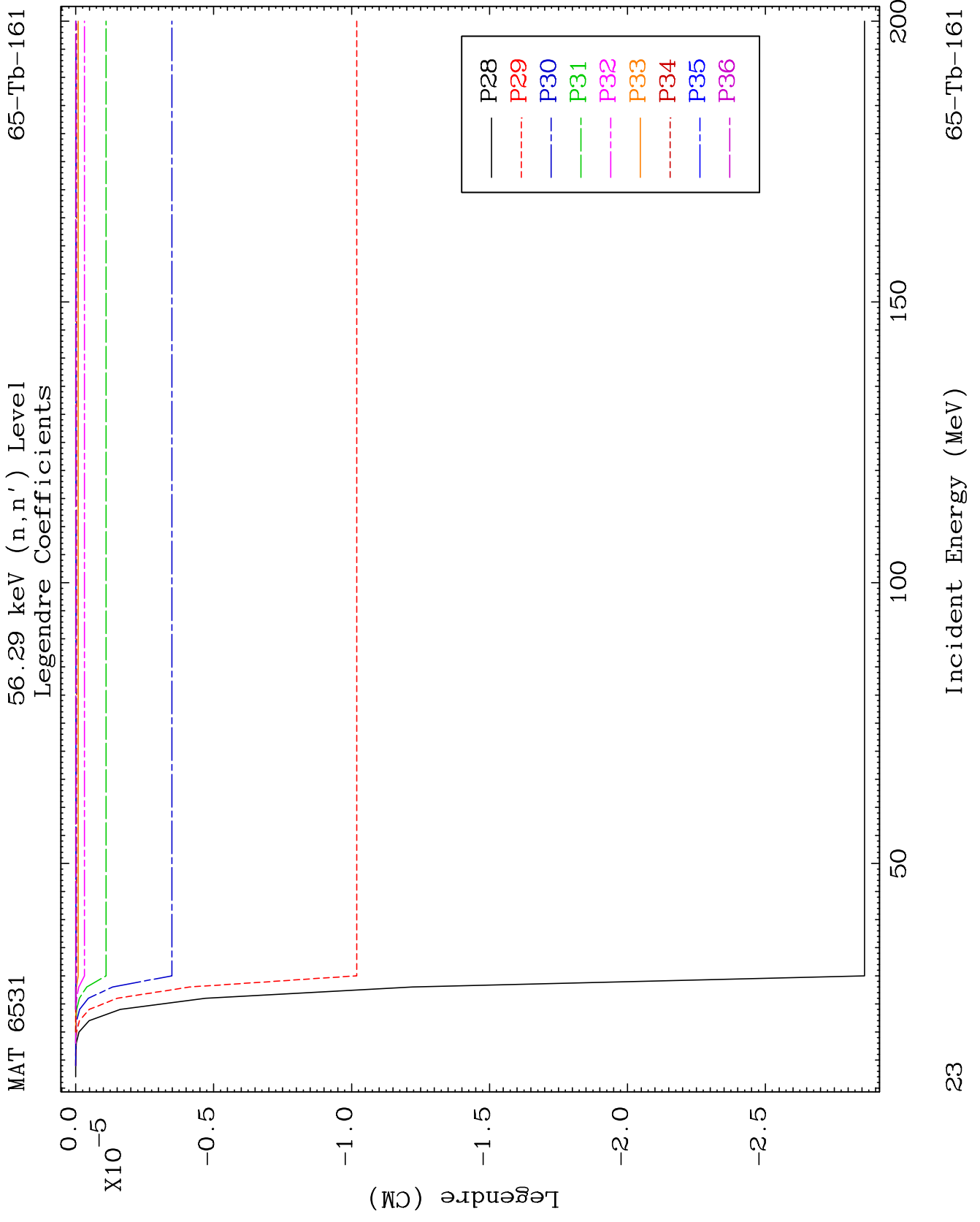
30

Incident Energy (MeV)

65-Tb-161



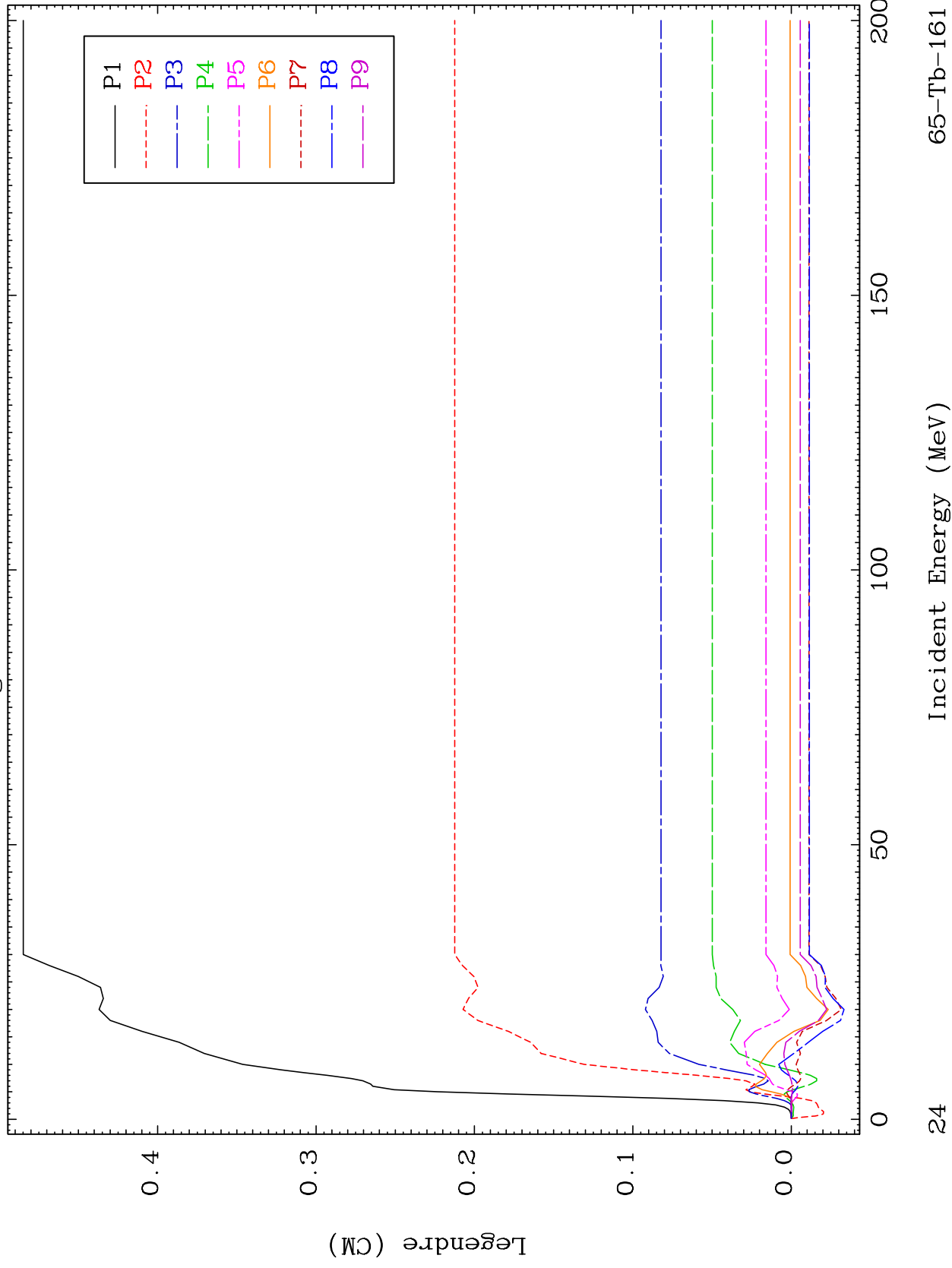




MAT 6531

133.7 keV (n,n') Level
Legendre Coefficients

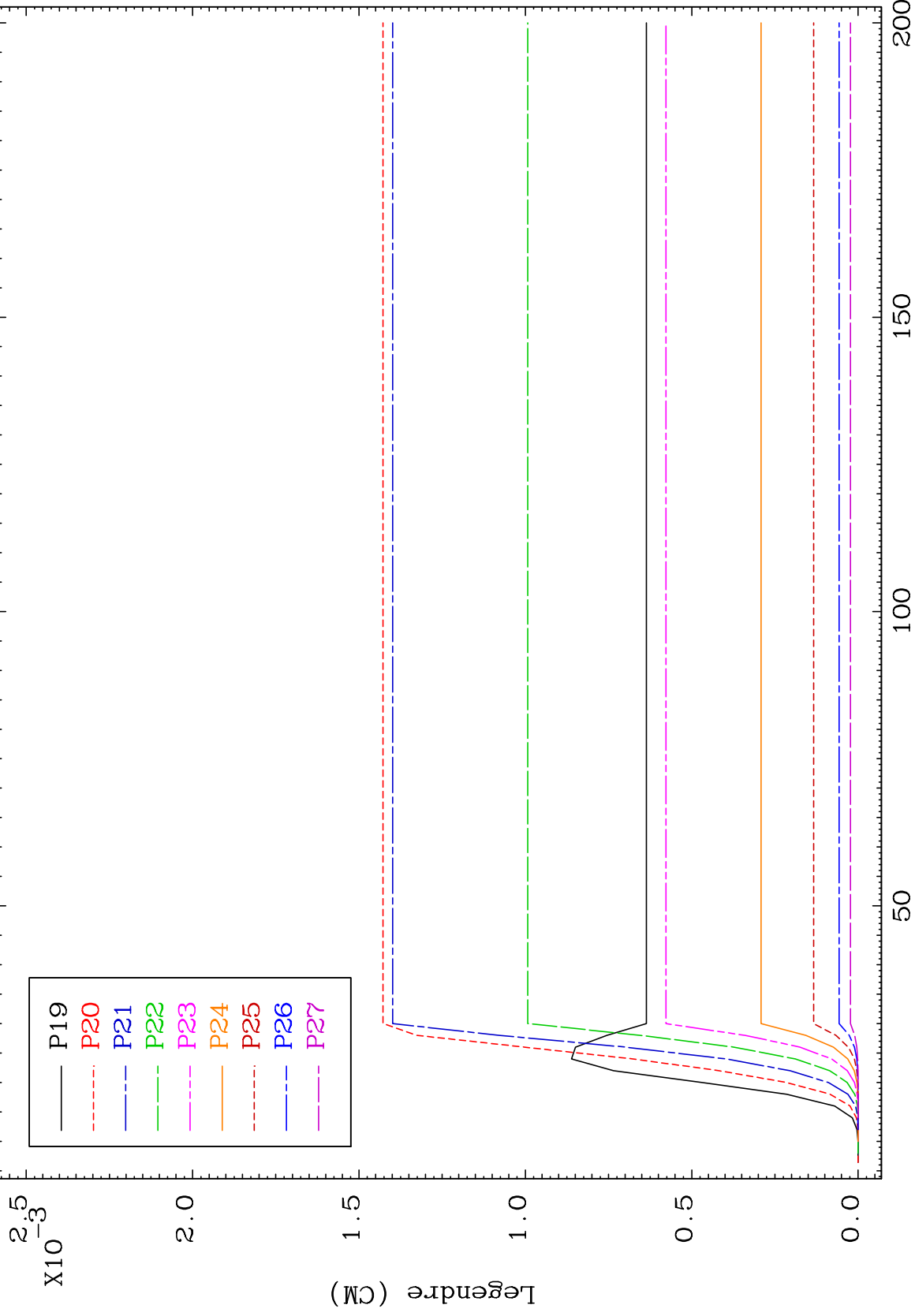
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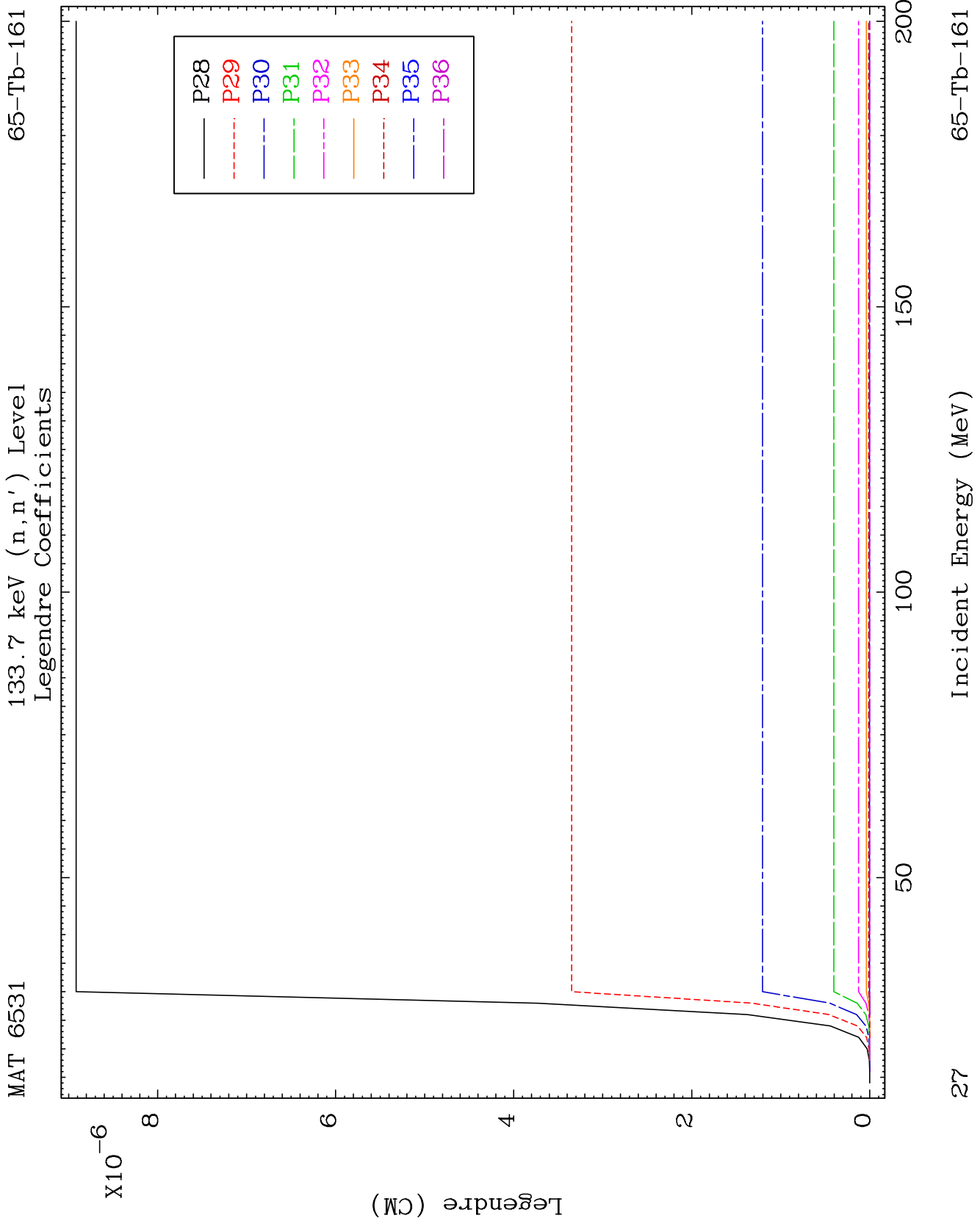


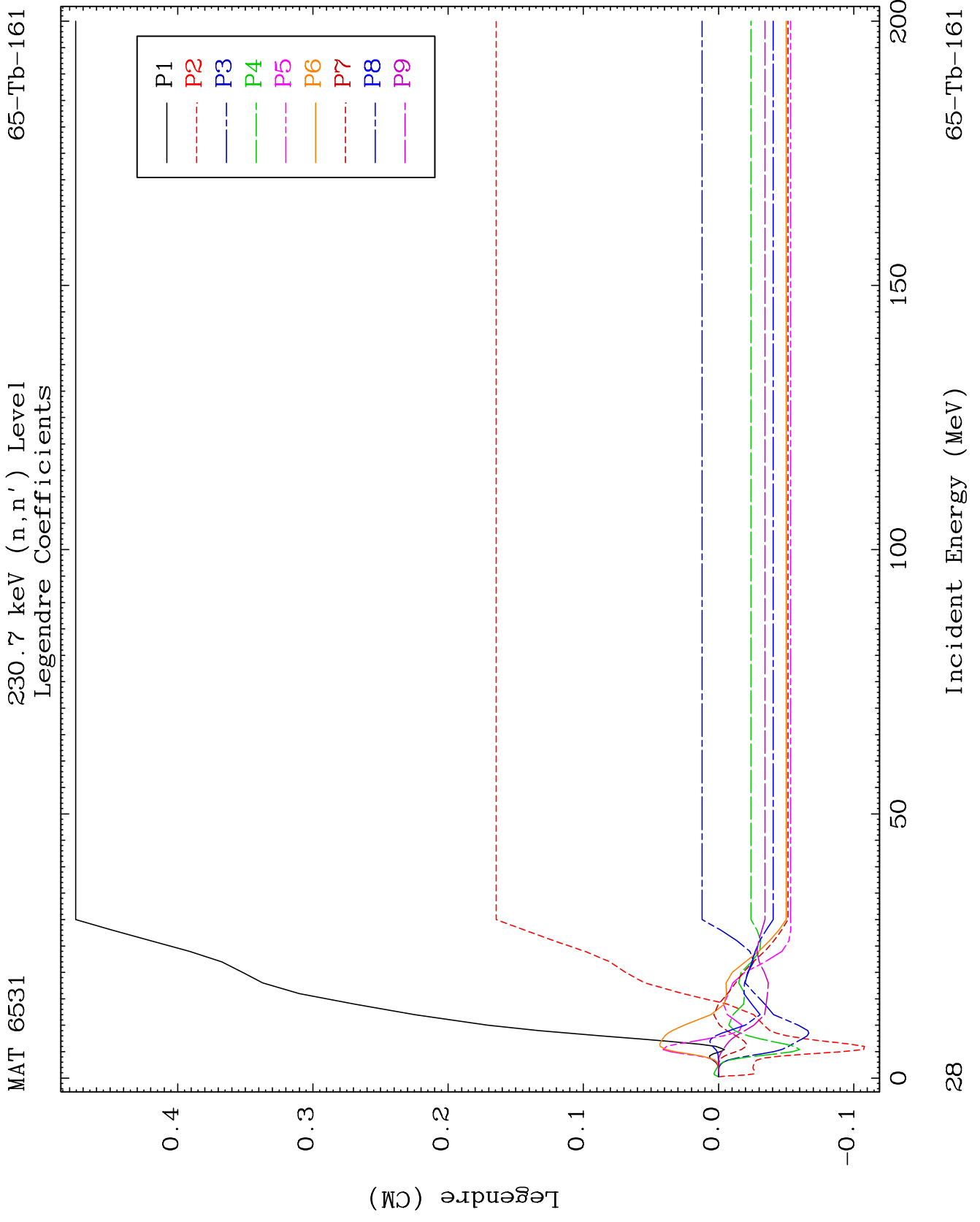
65-Tb-161

Incident Energy (MeV)

24



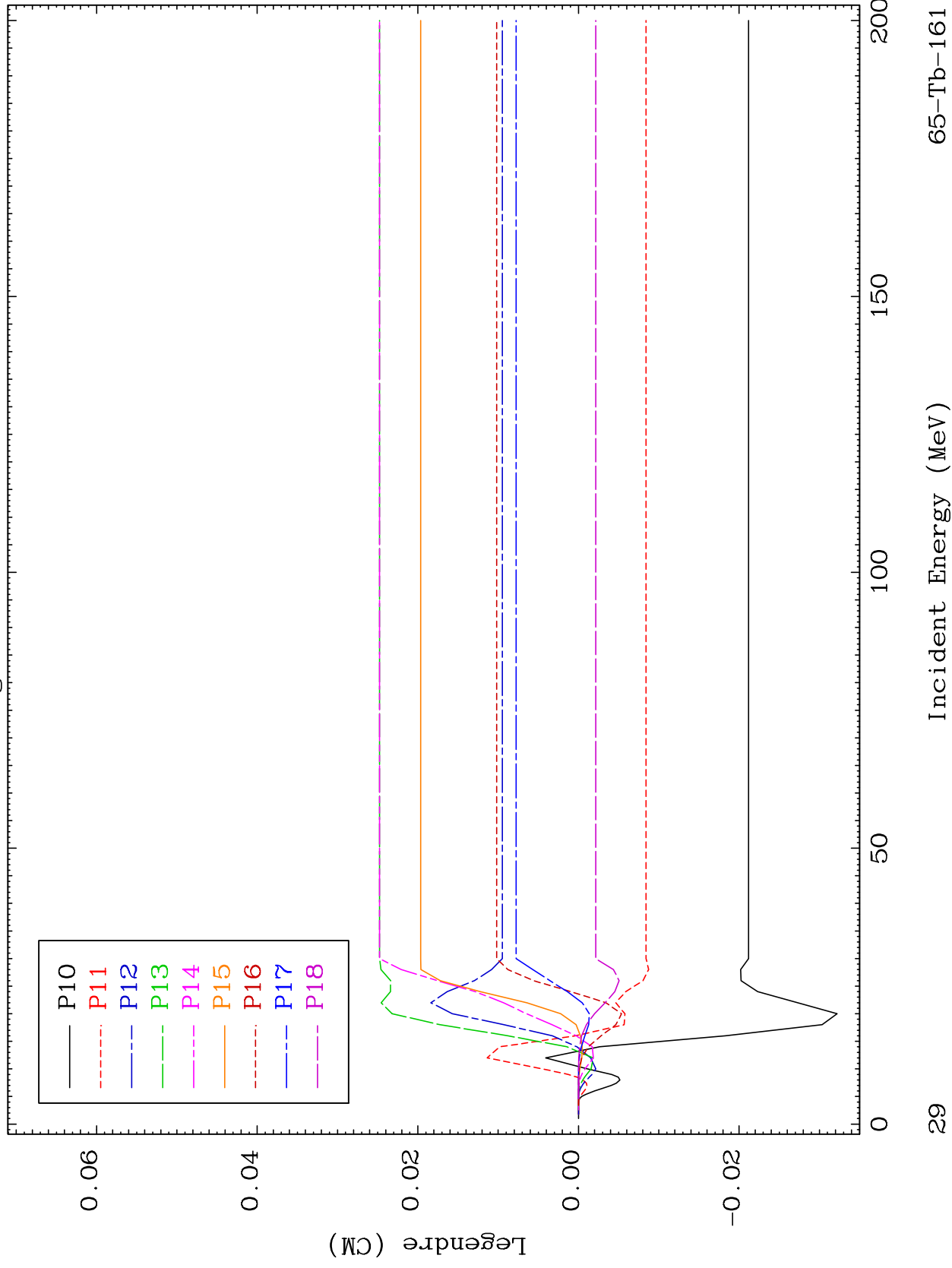




MAT 6531

230.7 keV (n,n') Level
Legendre Coefficients

65-Tb-161



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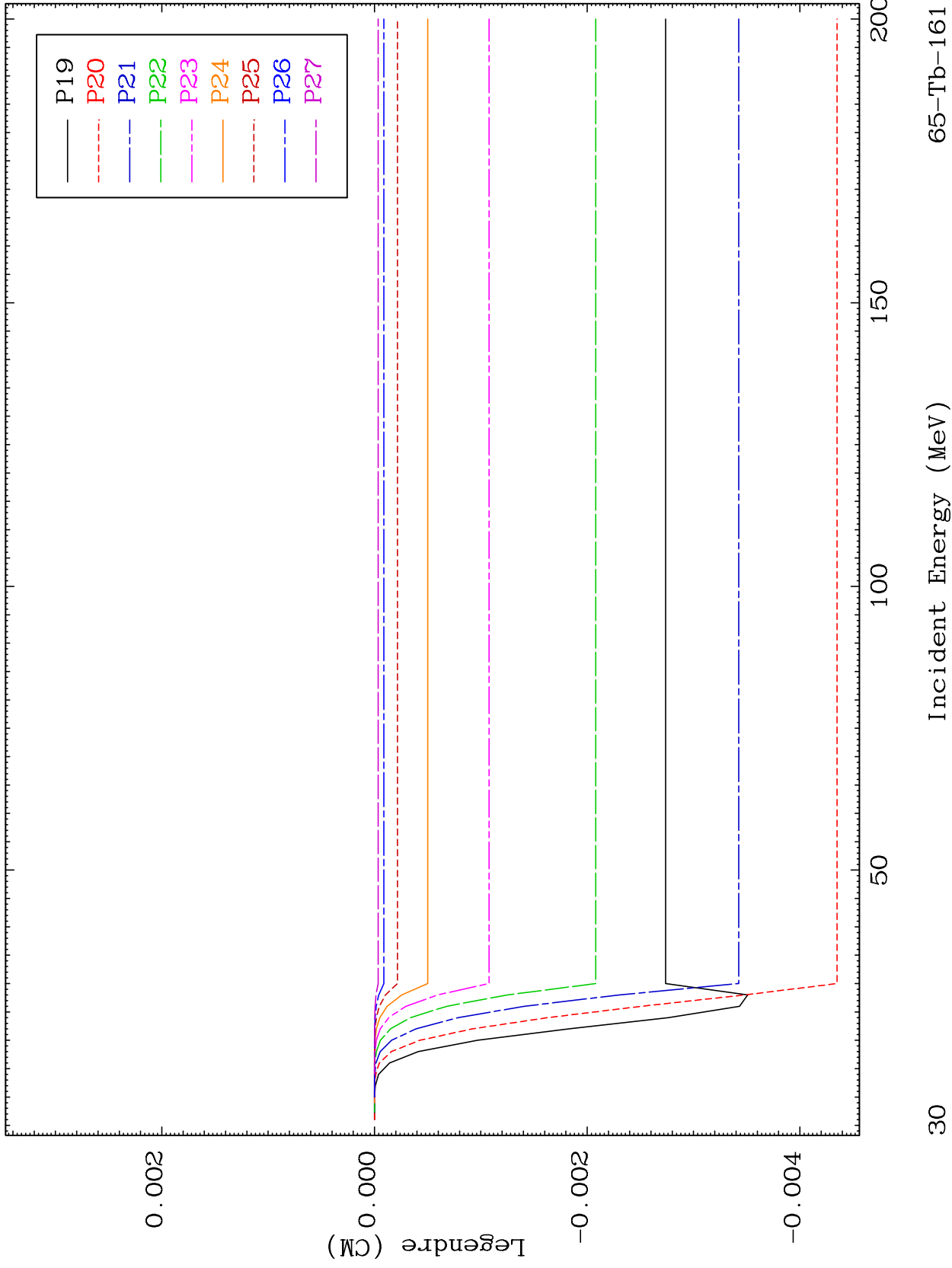
Incident Energy (MeV)

65-Tb-161

MAT 6531

230.7 keV (n,n') Level
Legendre Coefficients

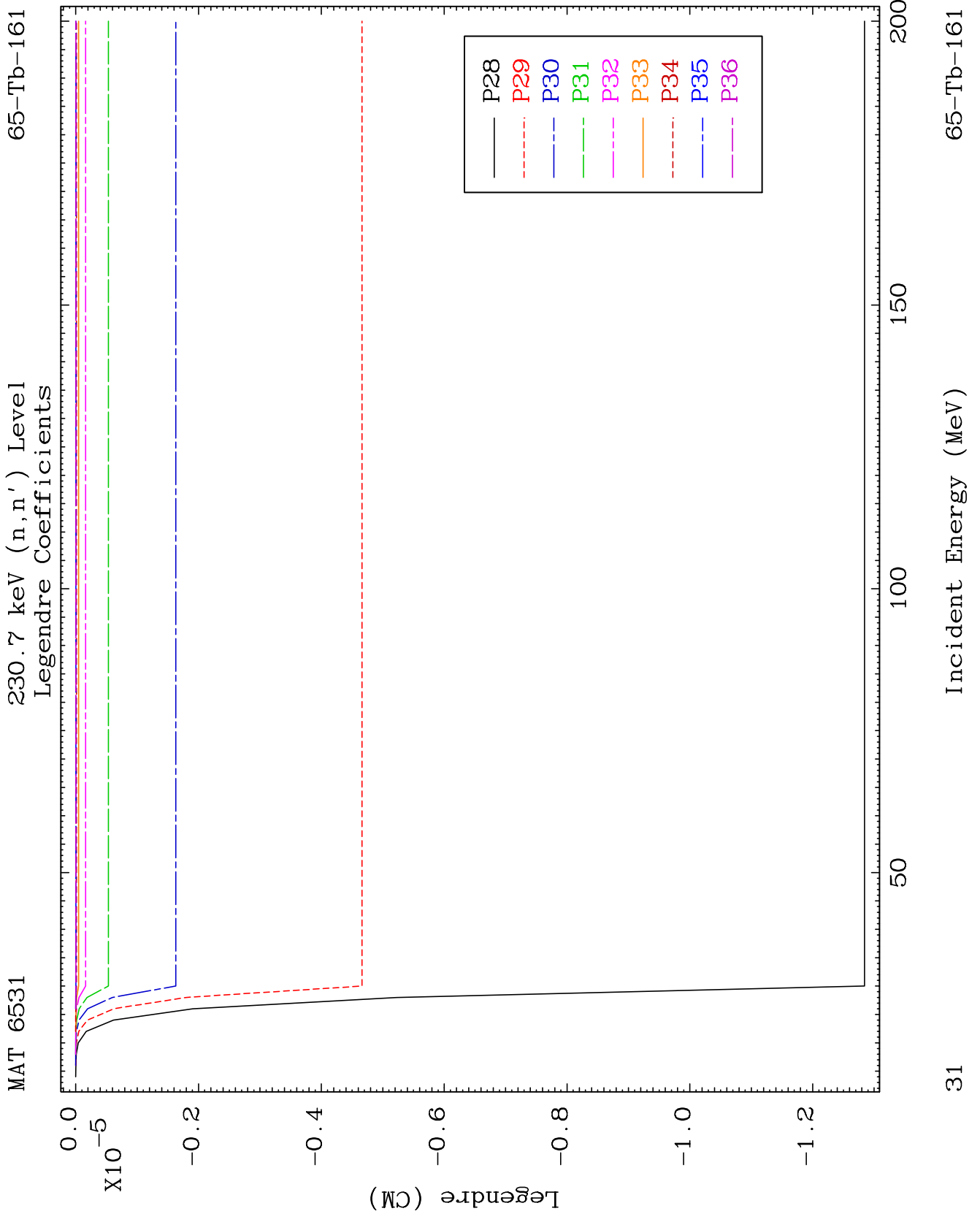
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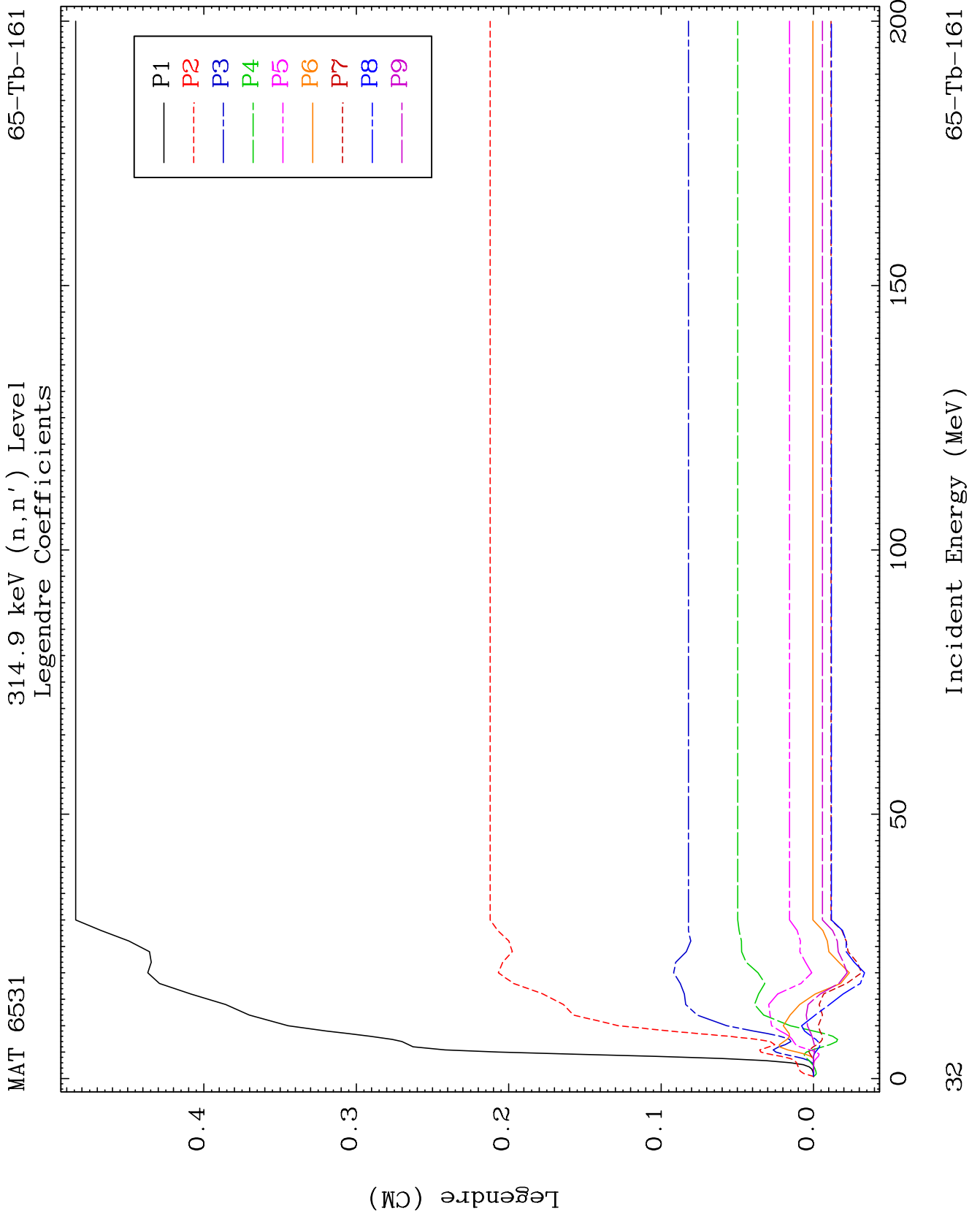


30

Incident Energy (MeV)

65-Tb-161

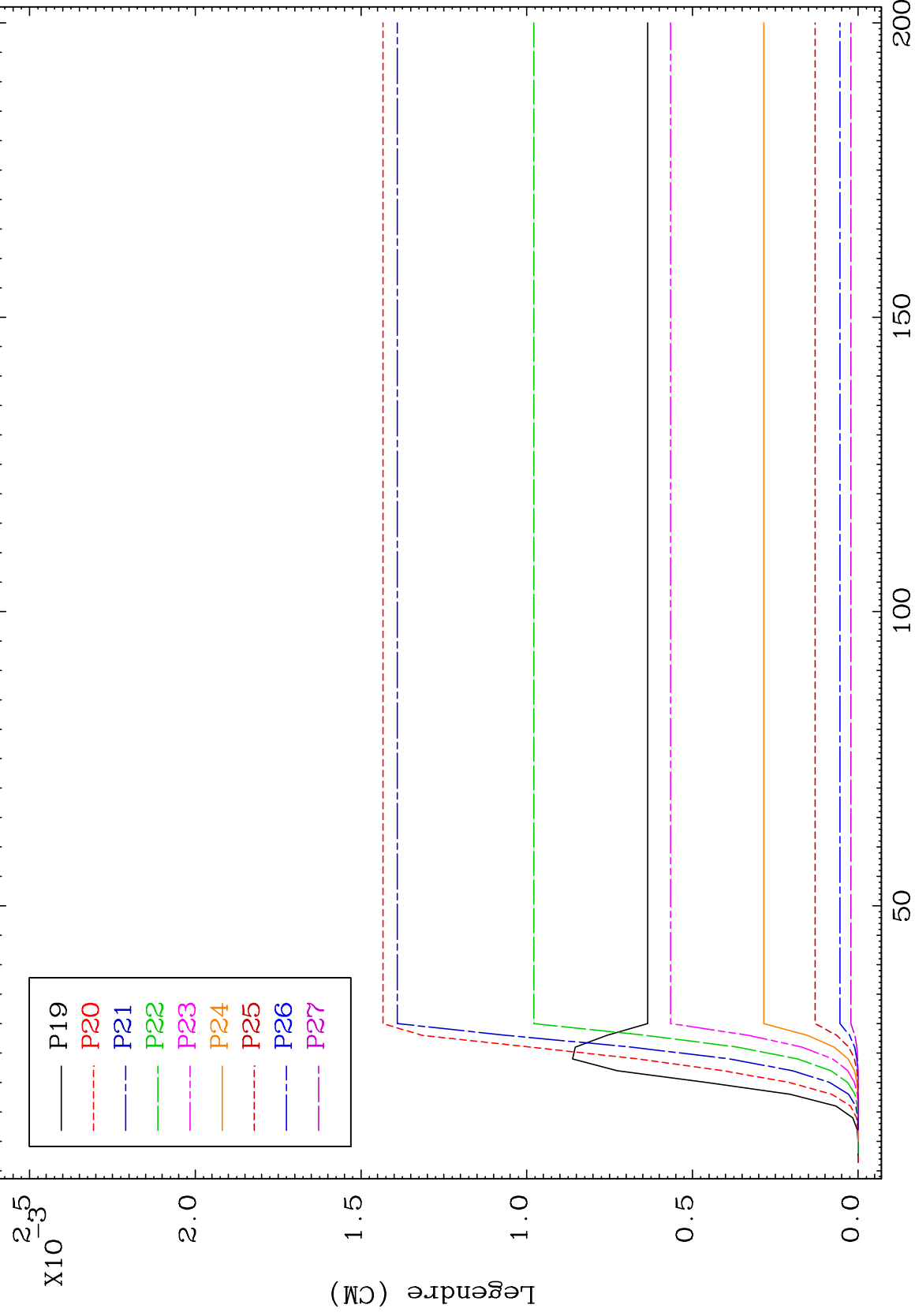




MAT 6531

314.9 keV (n, n') Level
Legendre Coefficients

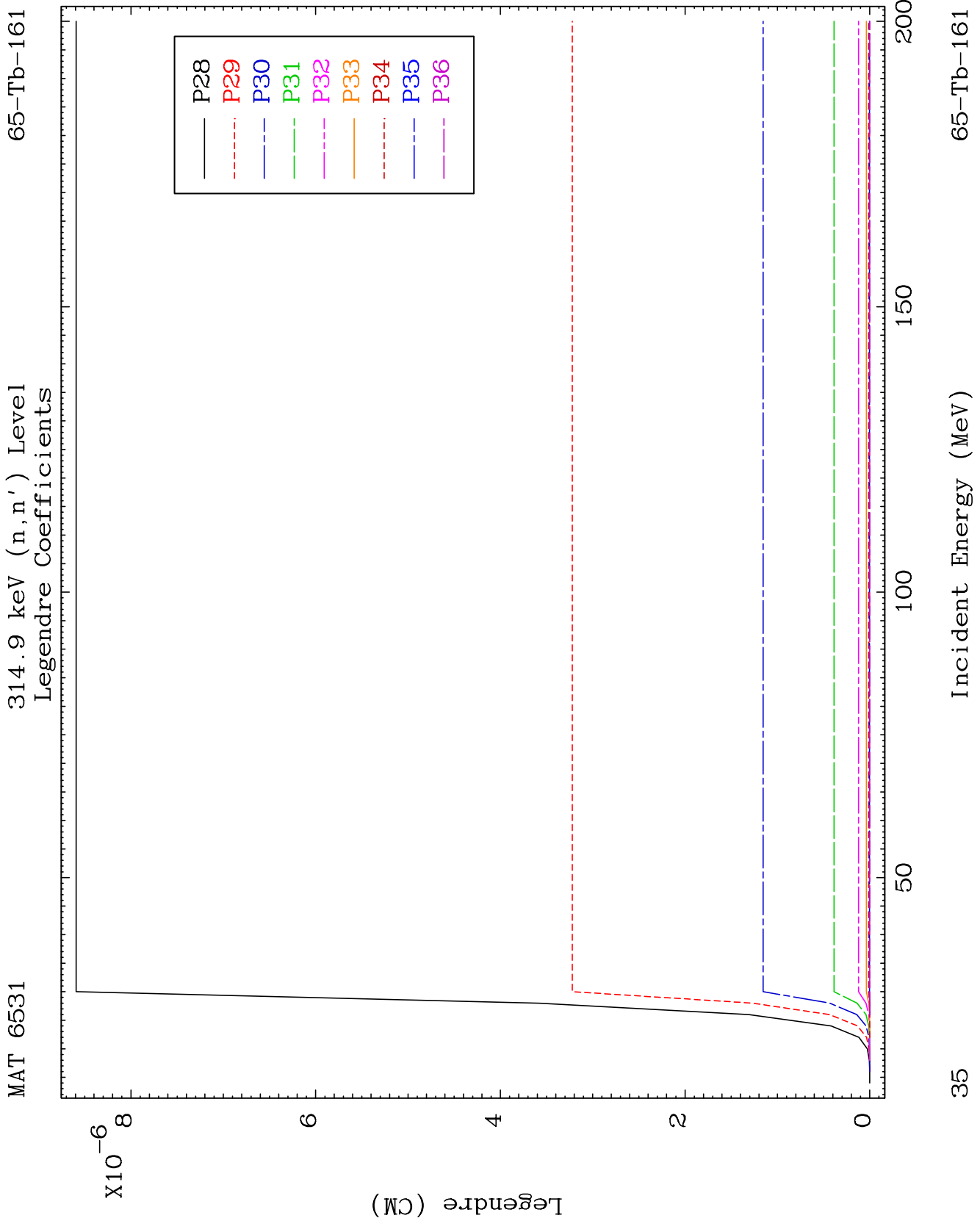
65-Tb-161



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Incident Energy (MeV)

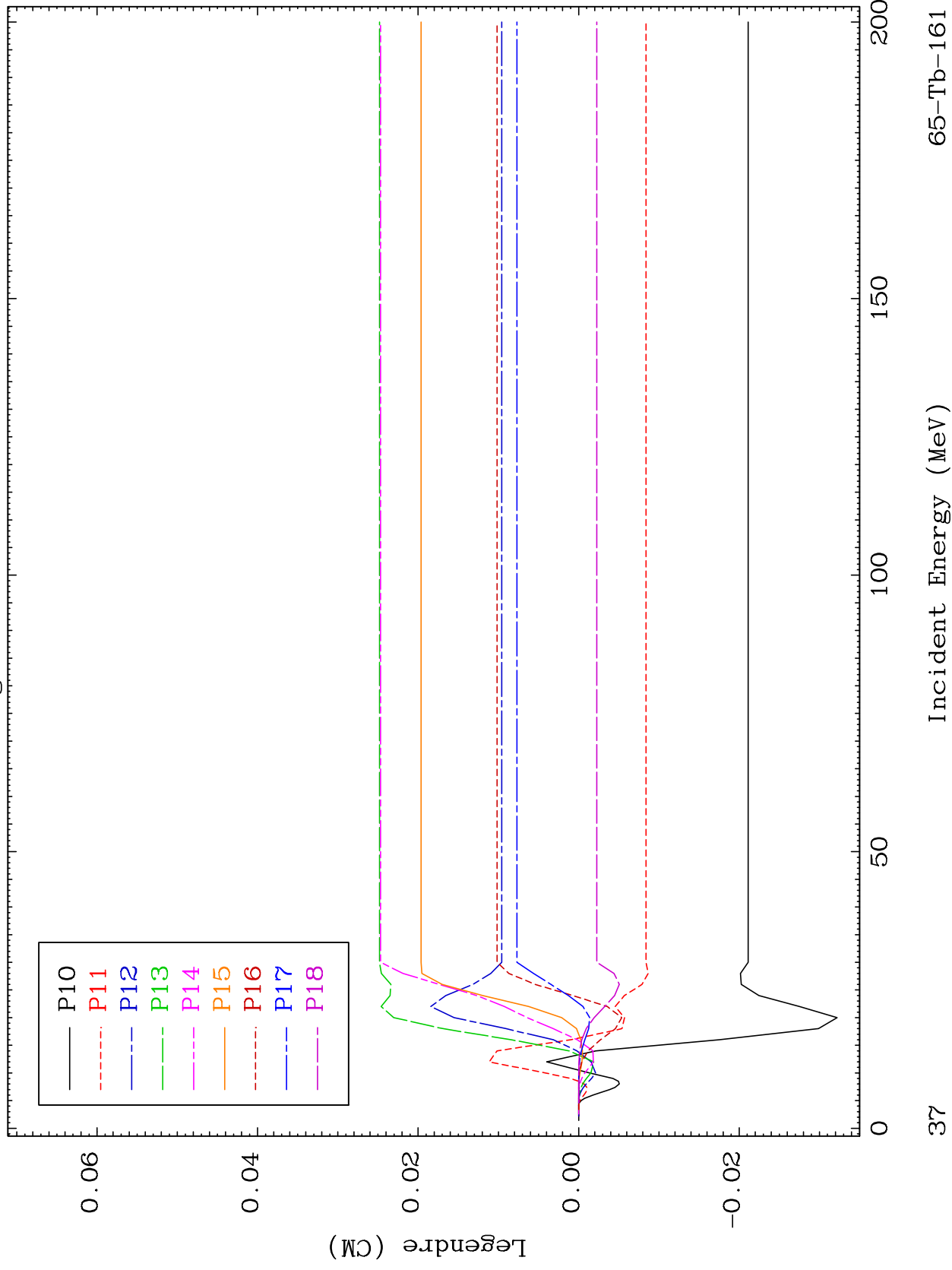
65-Tb-161



MAT 6531

394.4 keV (n, n') Level
Legendre Coefficients

65-Tb-161



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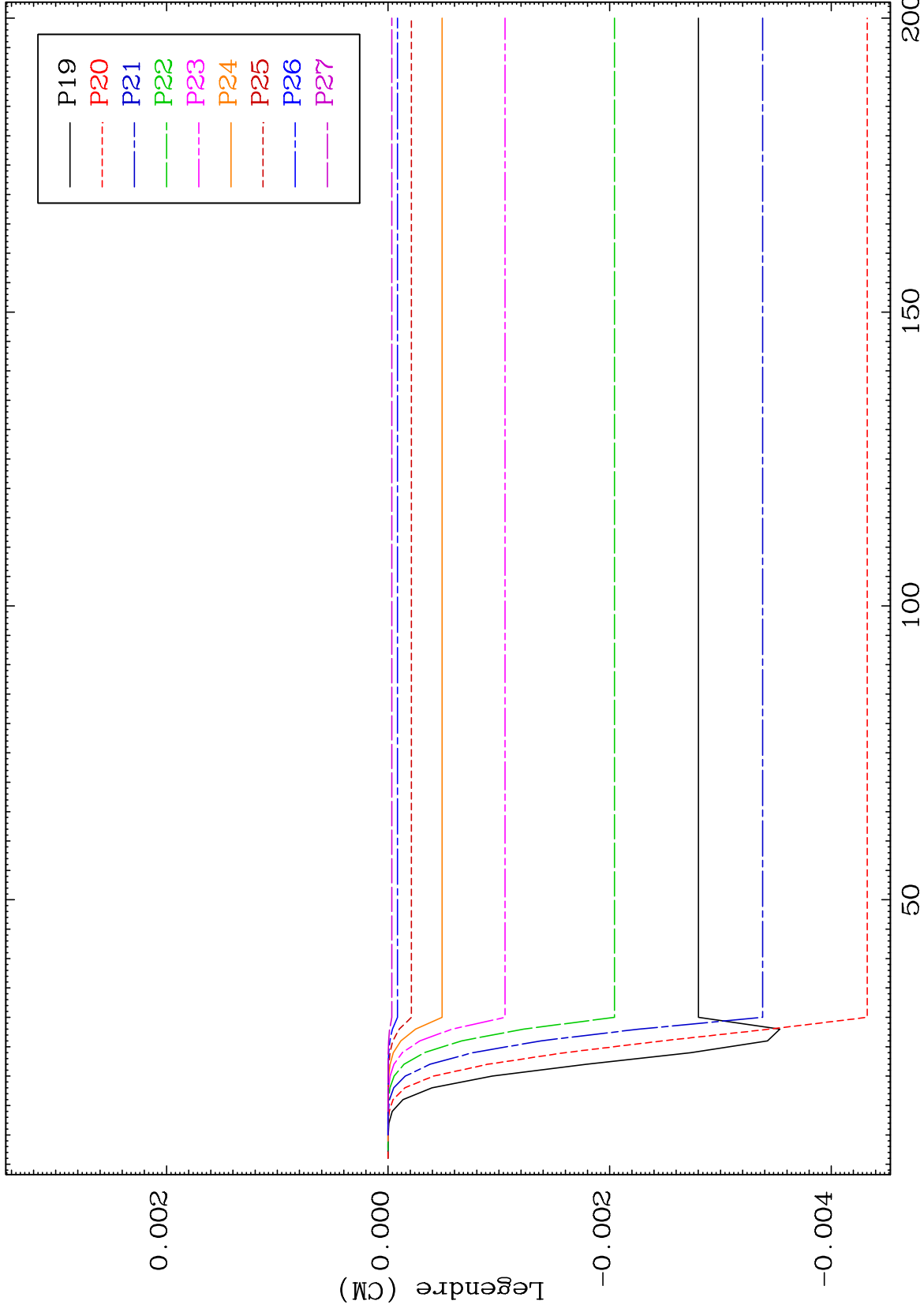
Incident Energy (MeV)

65-Tb-161

MAT 6531

394.4 keV (n,n') Level
Legendre Coefficients

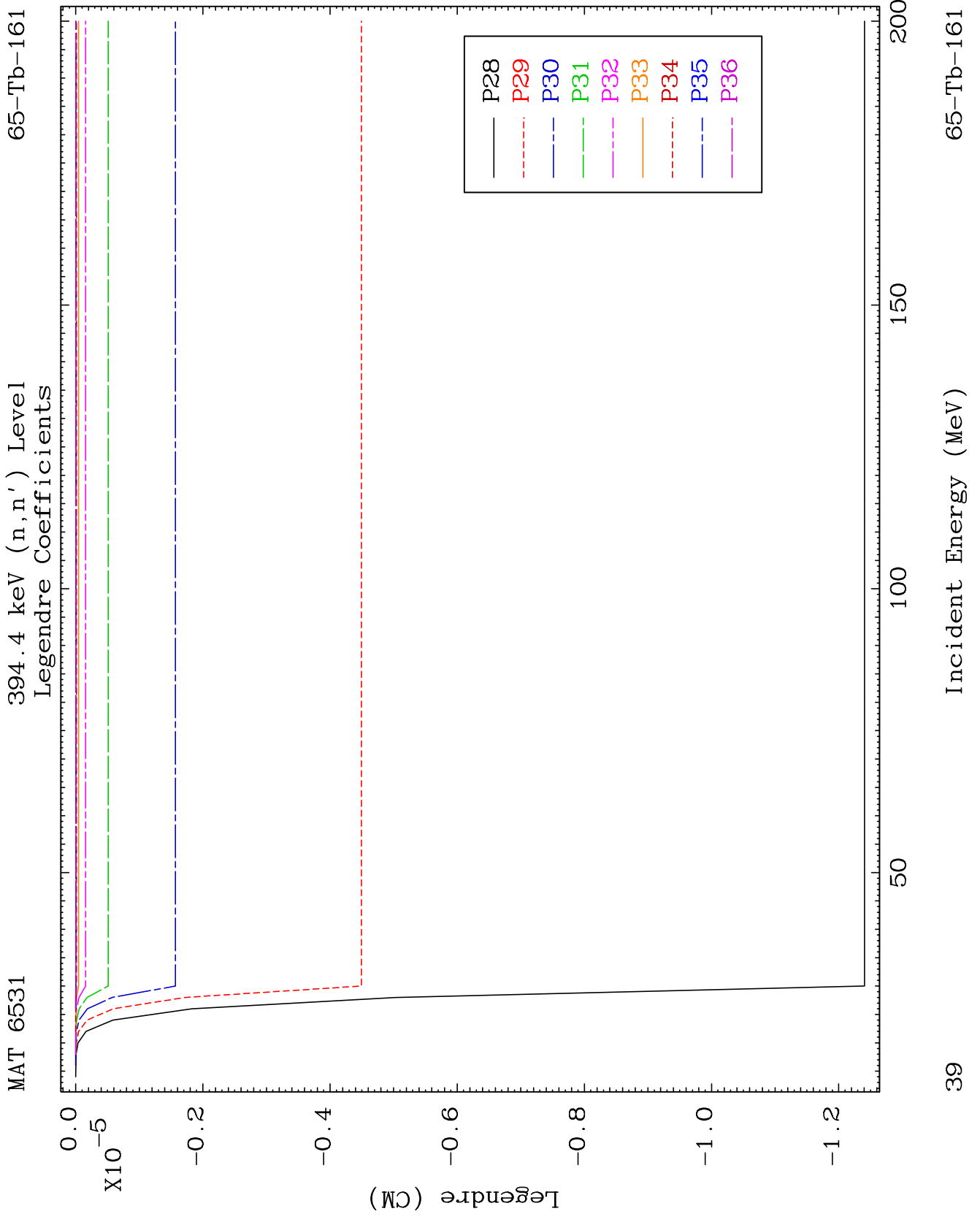
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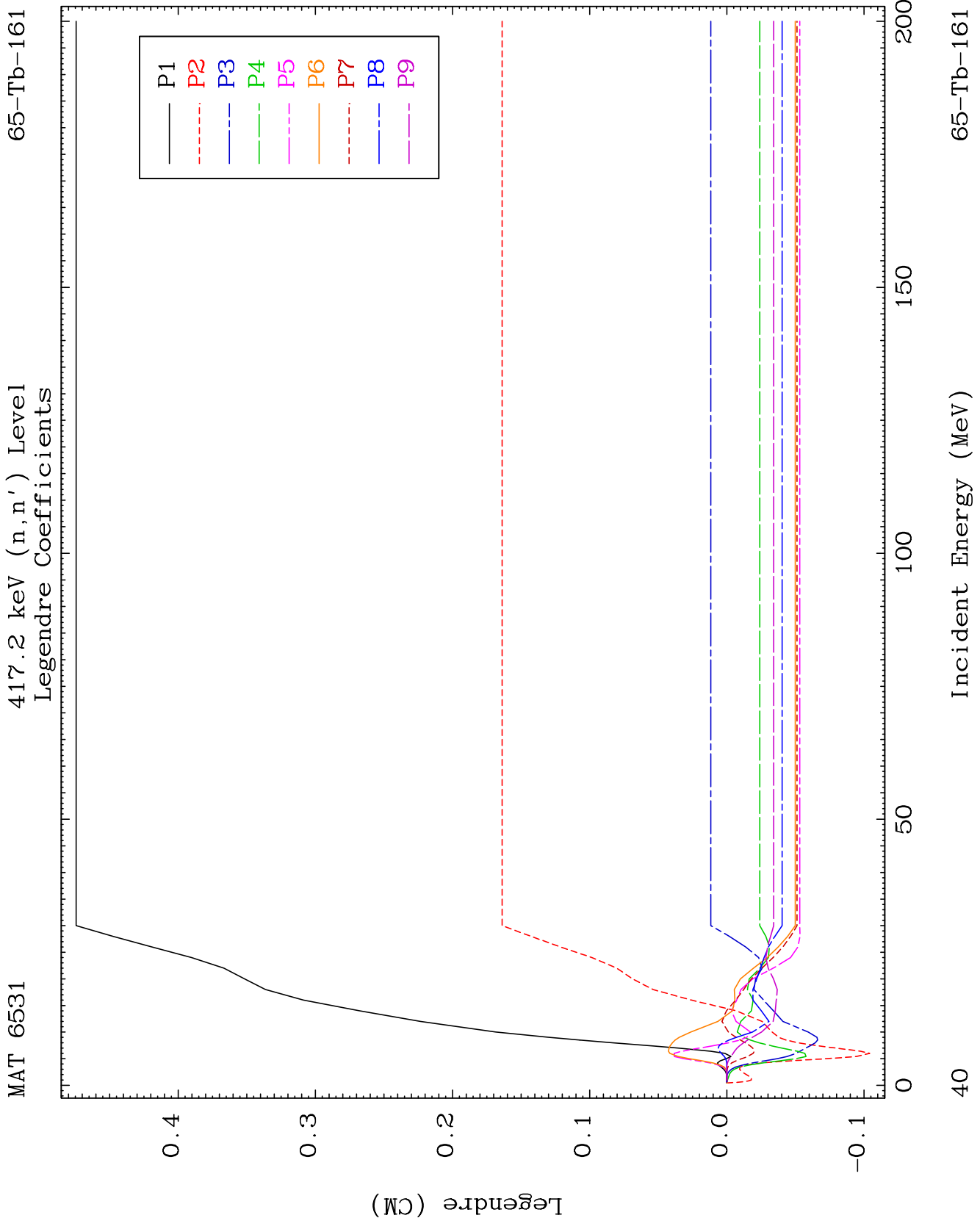


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Incident Energy (MeV)

65-Tb-161

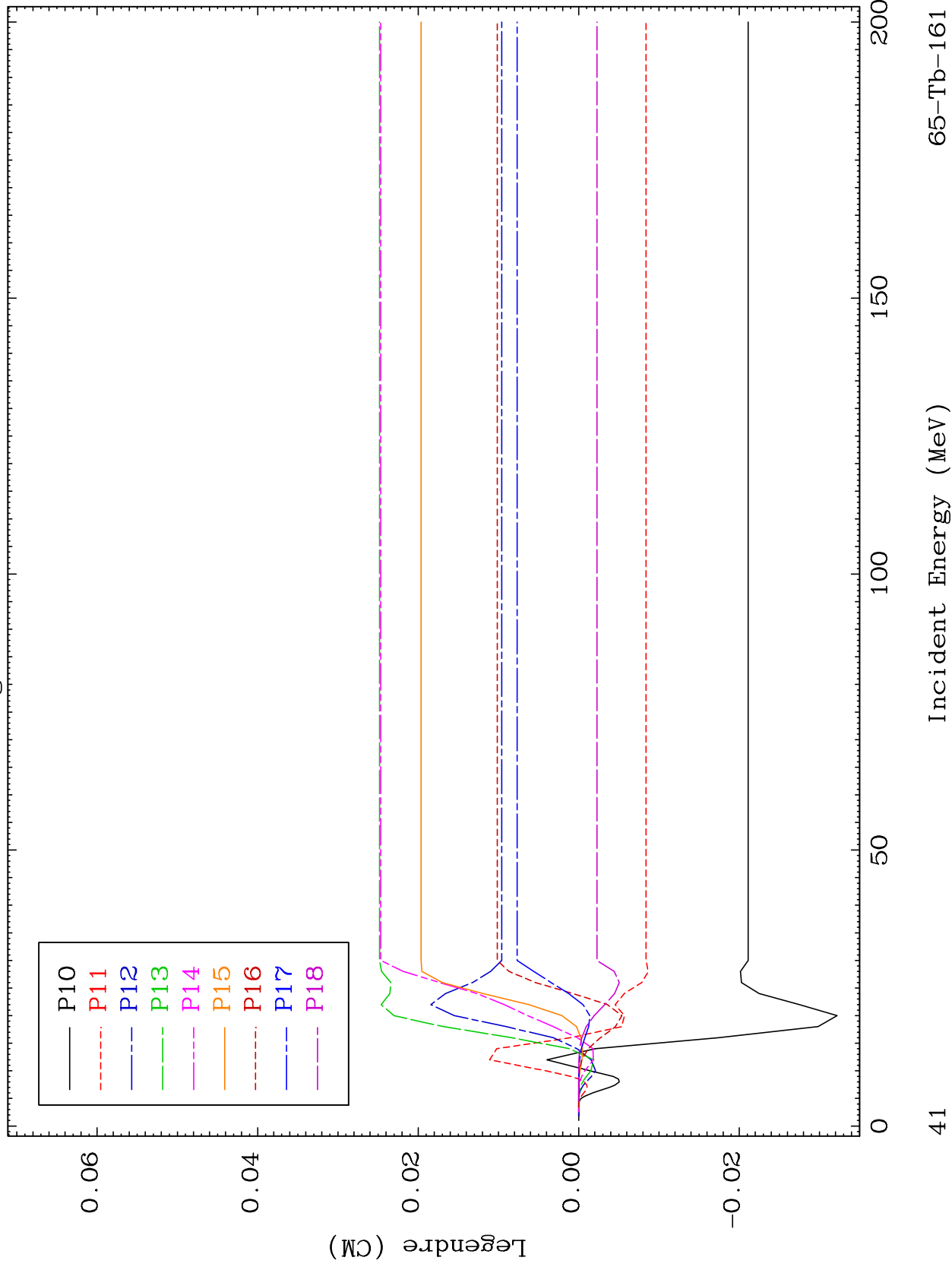




MAT 6531

417.2 keV (n, n') Level
Legendre Coefficients

65-Tb-161



41

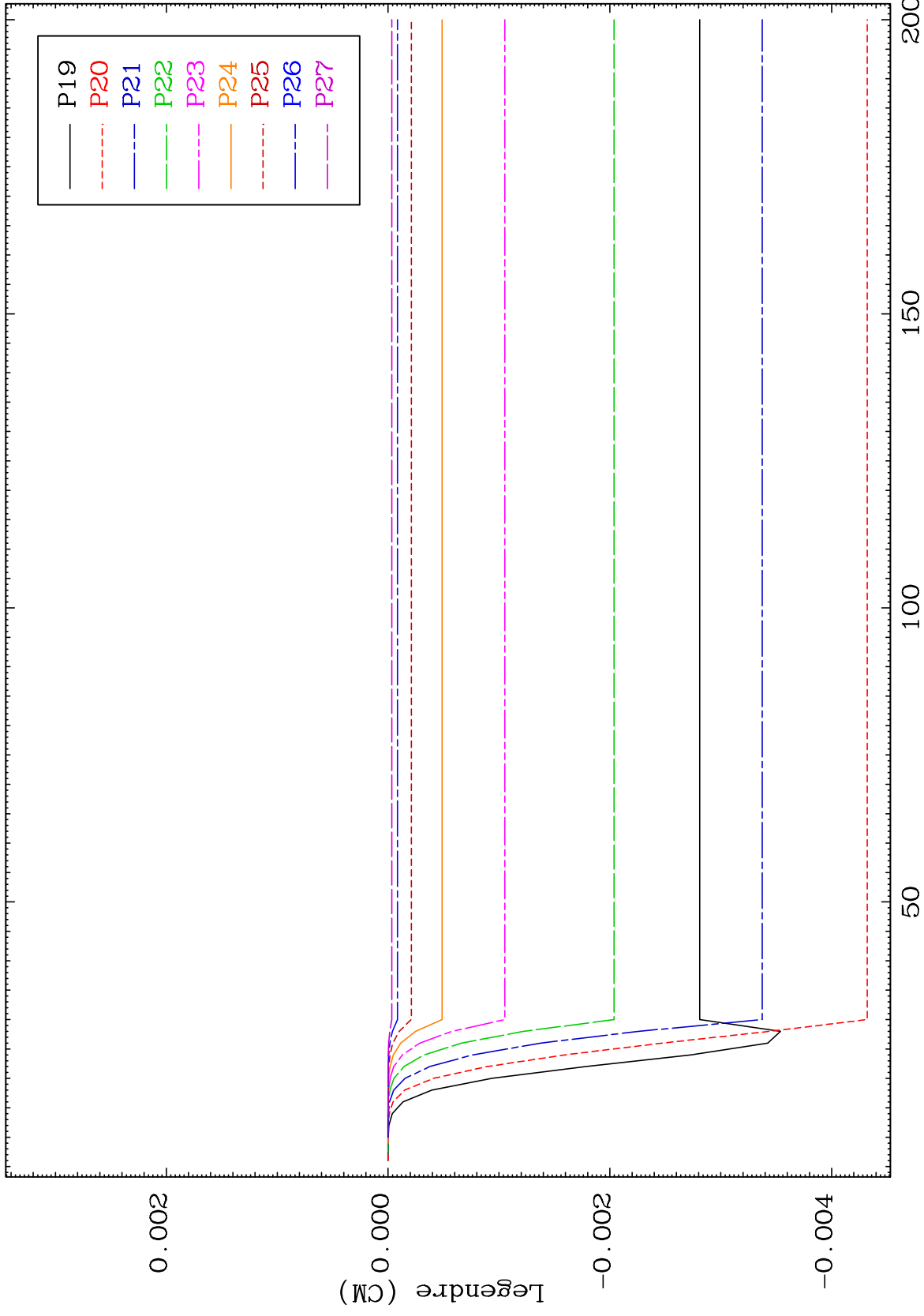
Incident Energy (MeV)

65-Tb-161

MAT 6531

417.2 keV (n,n') Level
Legendre Coefficients

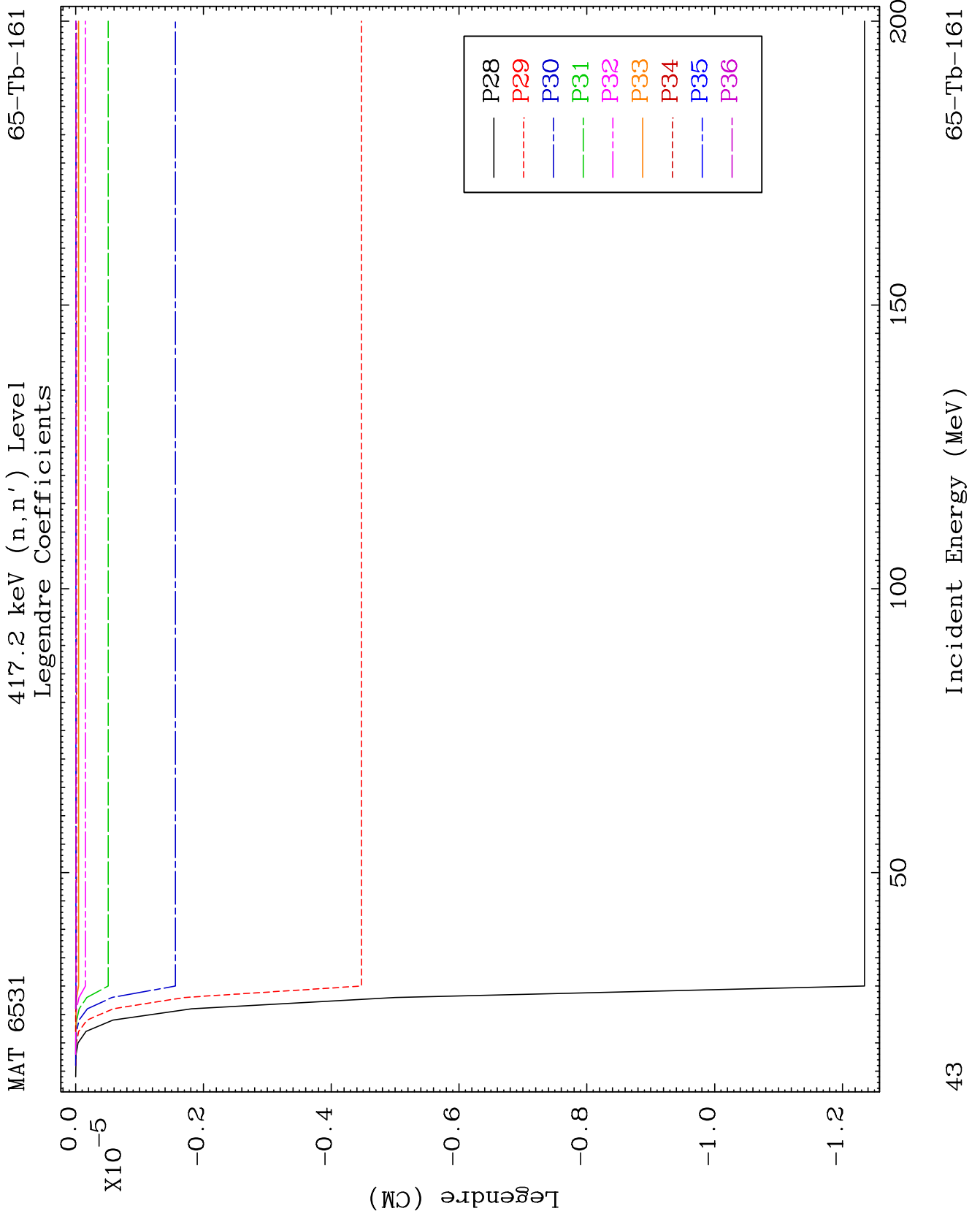
65-Tb-161



42

Incident Energy (MeV)

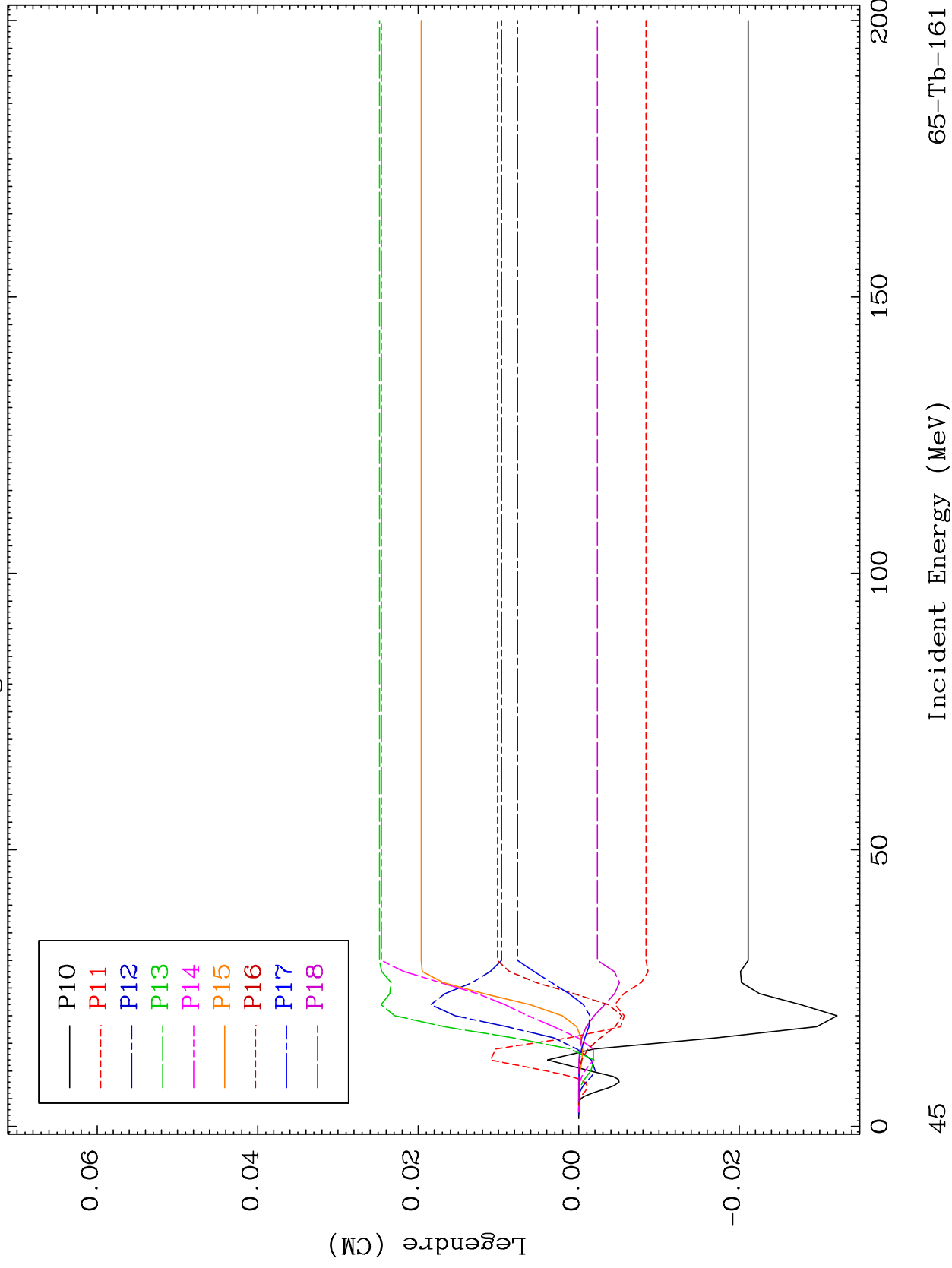
65-Tb-161



MAT 6531

480.1 keV (n, n') Level
Legendre Coefficients

65-Tb-161



65-Tb-161

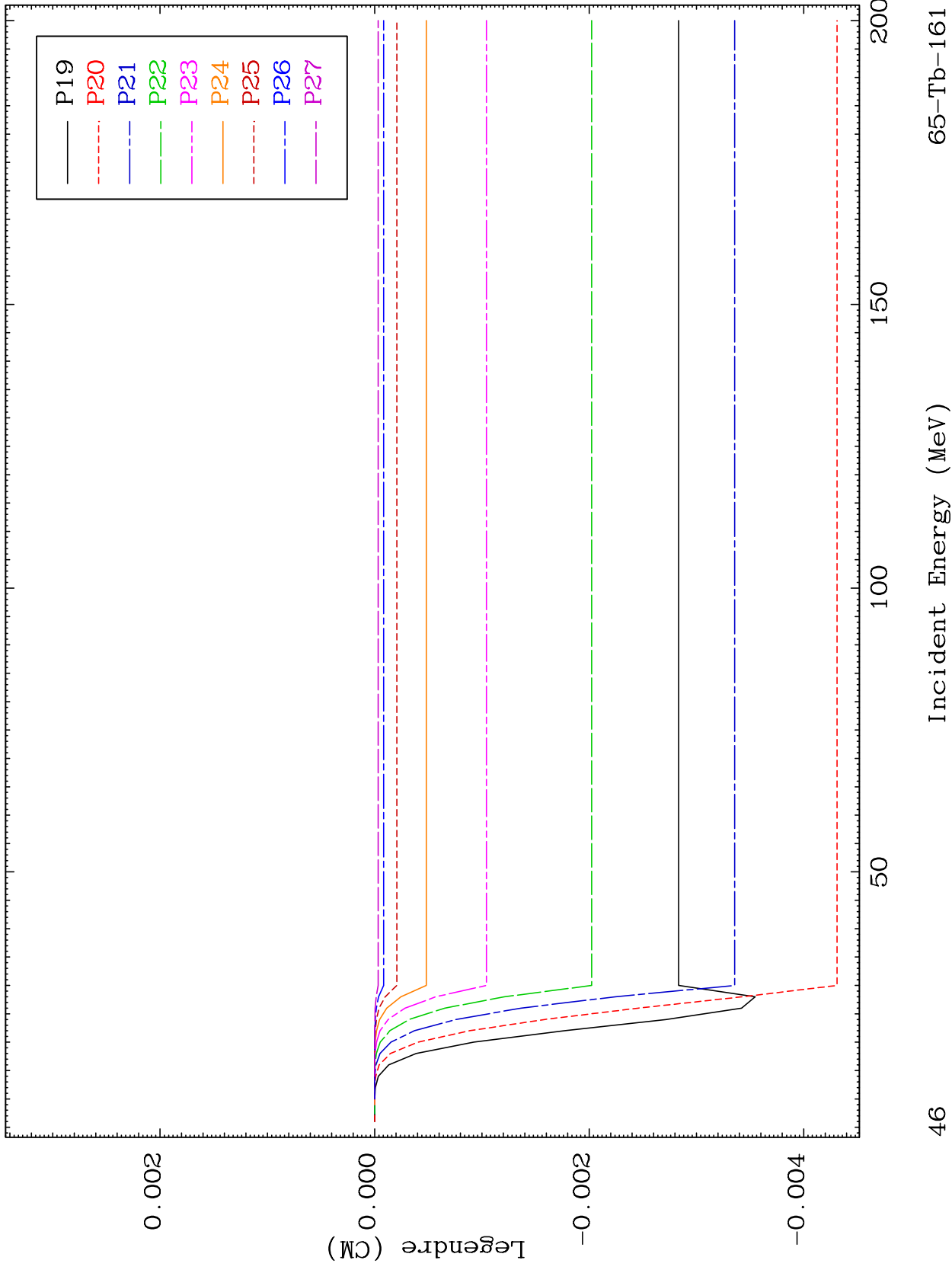
Incident Energy (MeV)

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MAT 6531

480.1 keV (n,n') Level
Legendre Coefficients

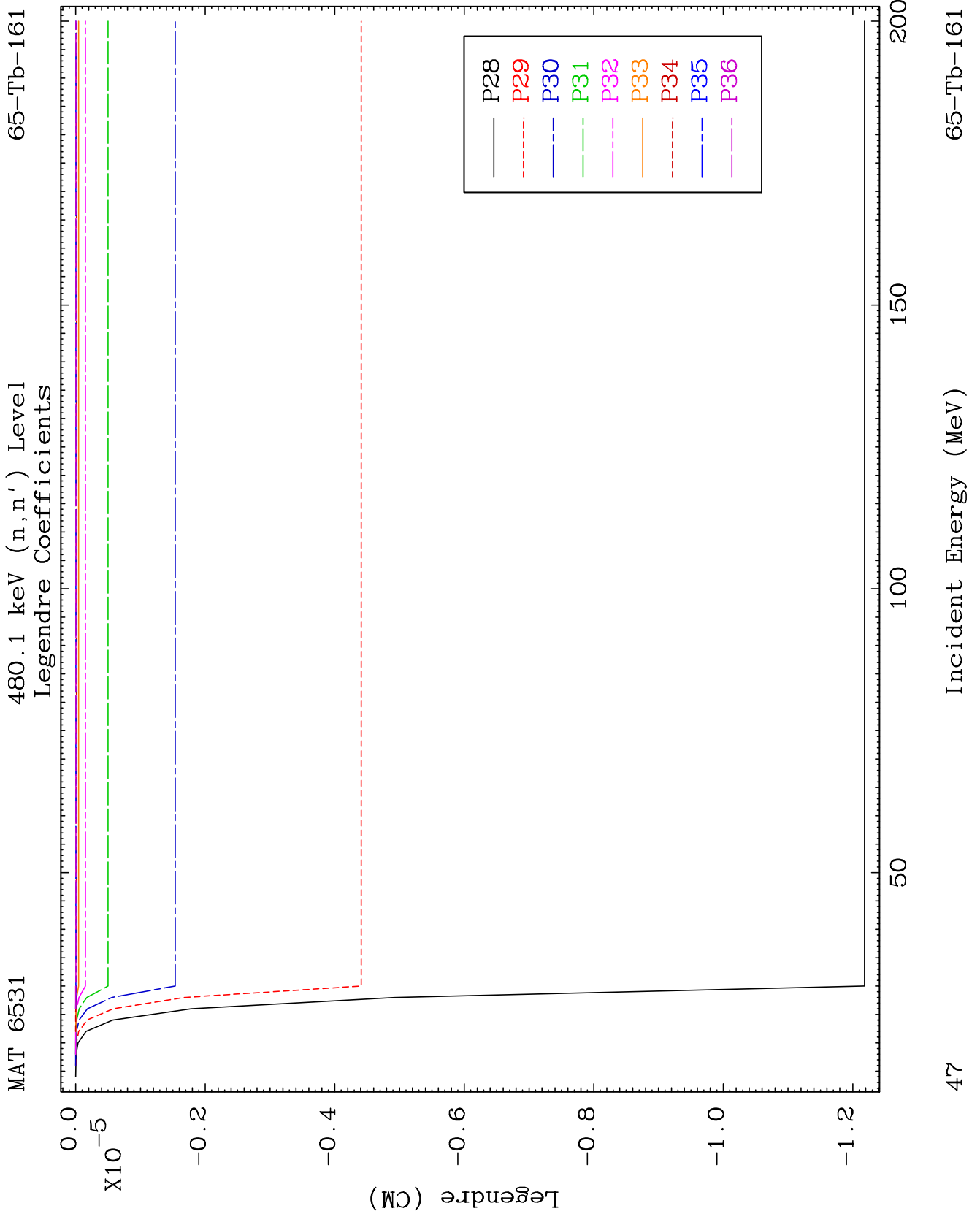
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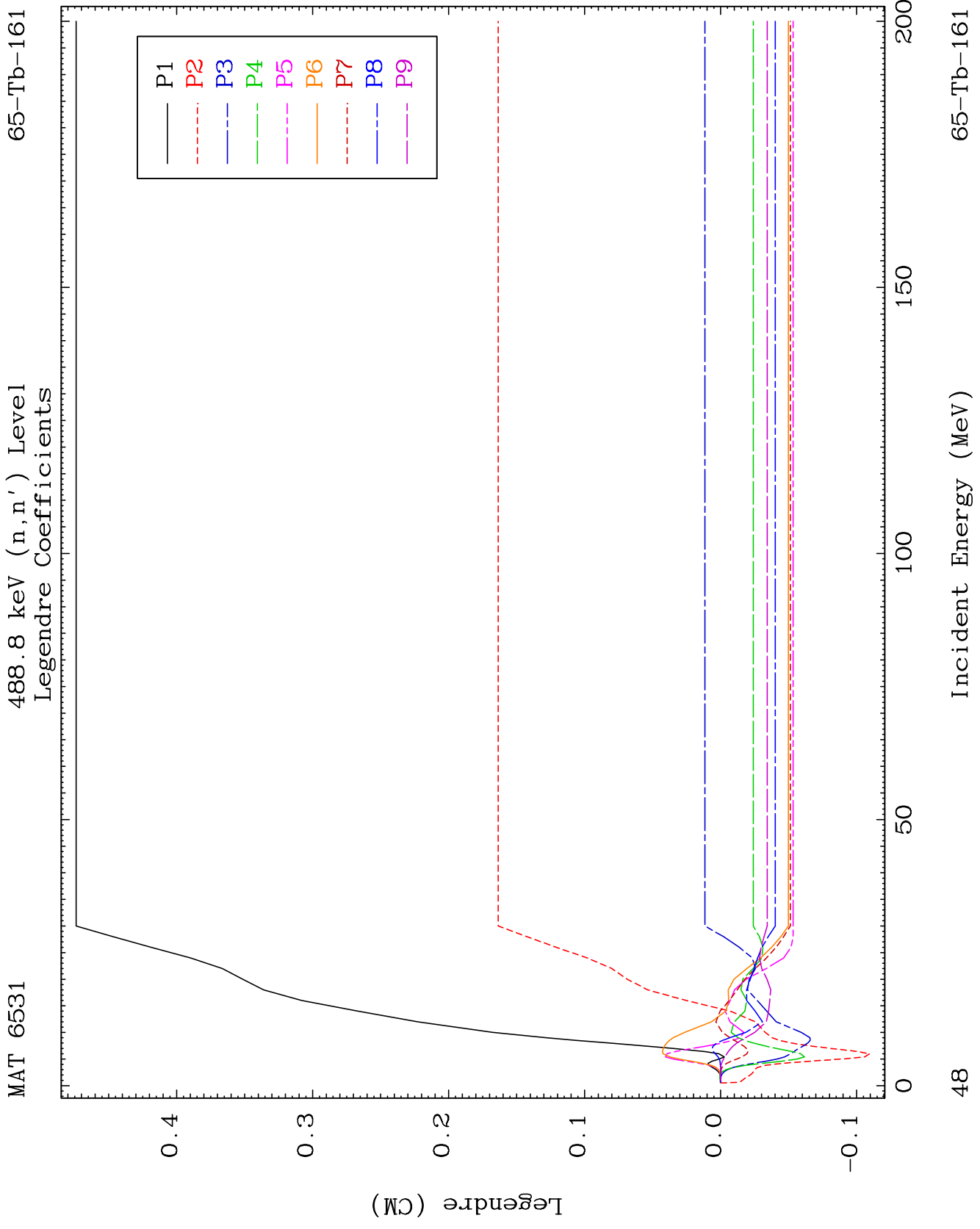


46

Incident Energy (MeV)

65-Tb-161

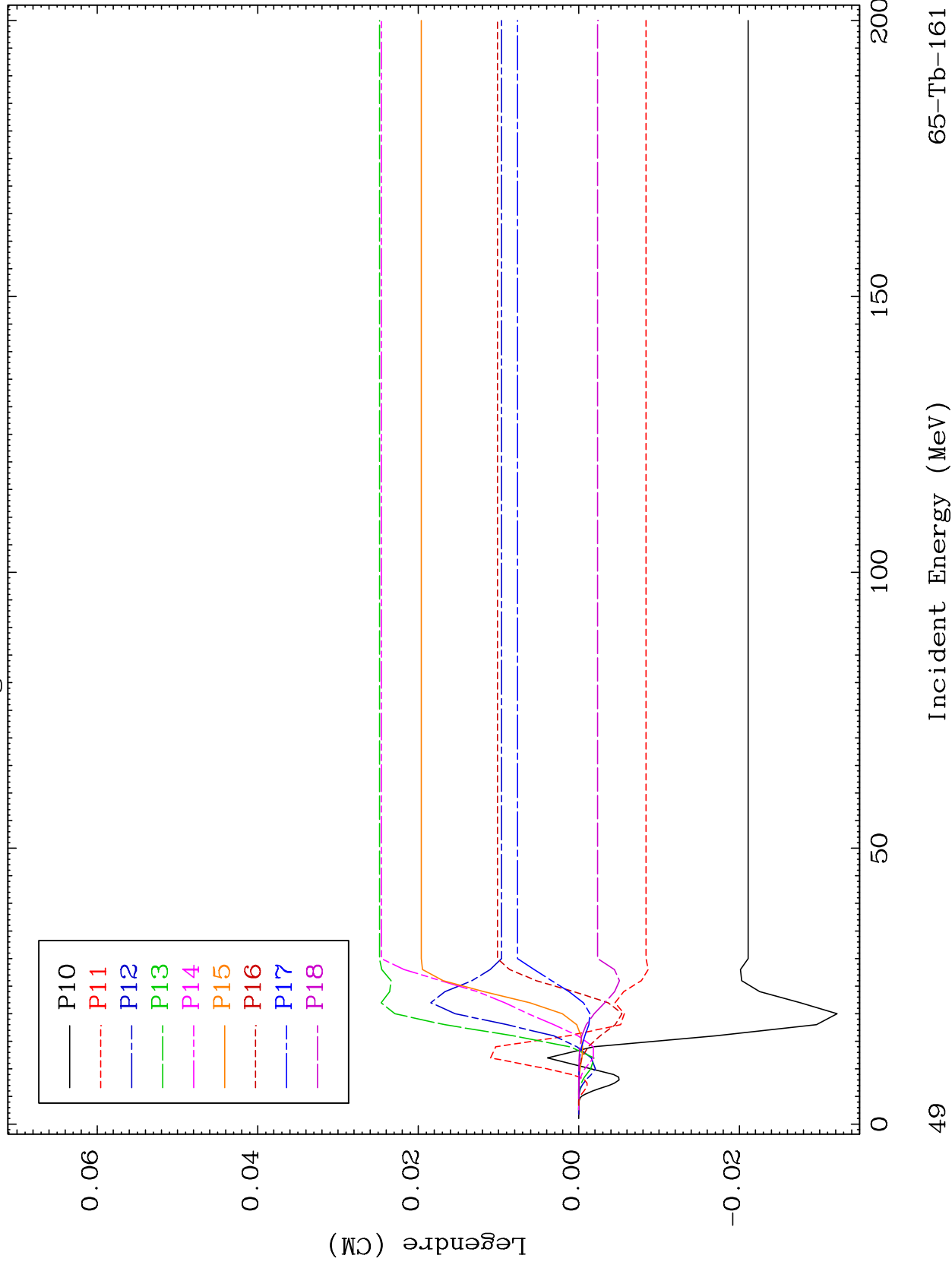




MAT 6531

488.8 keV (n, n') Level
Legendre Coefficients

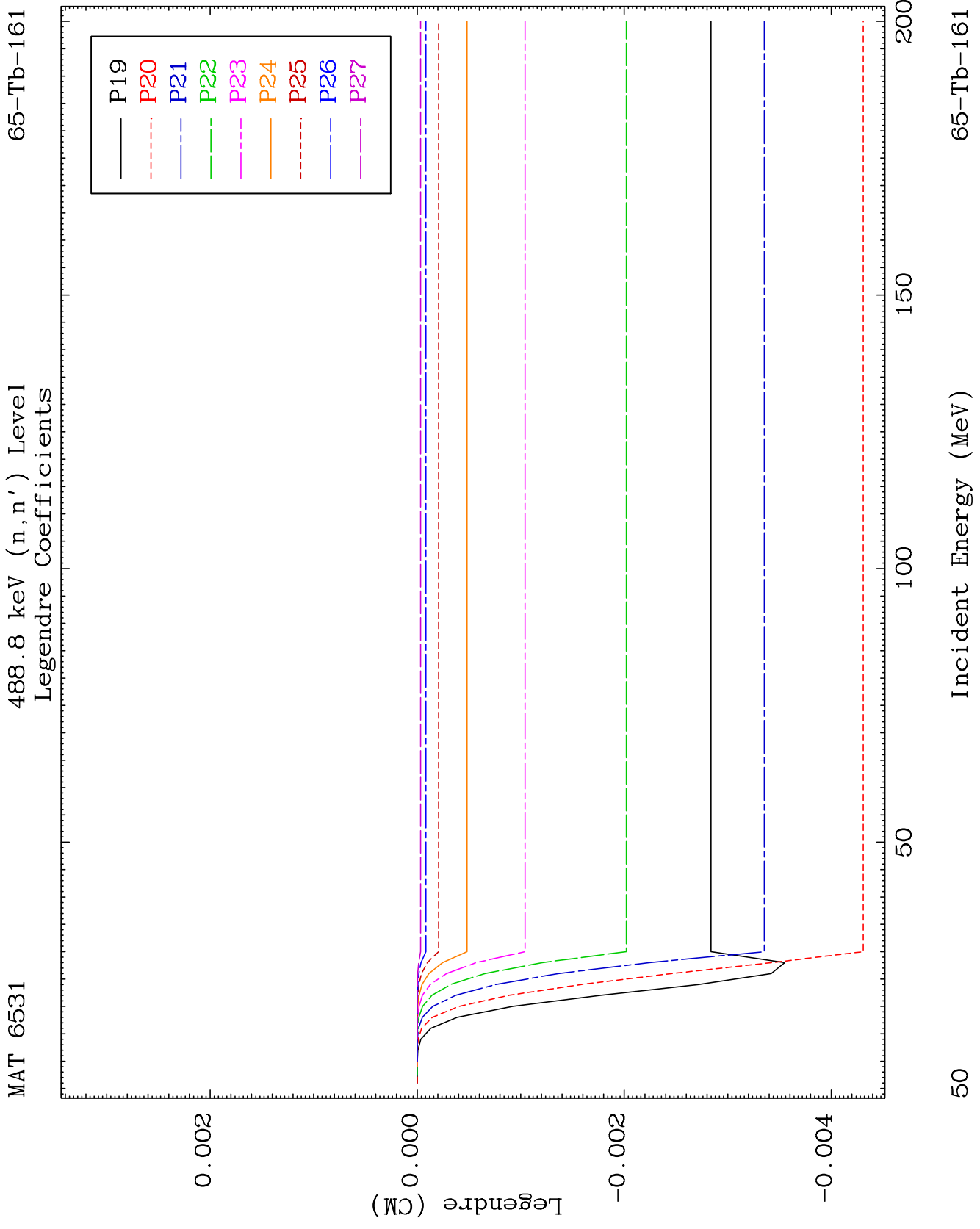
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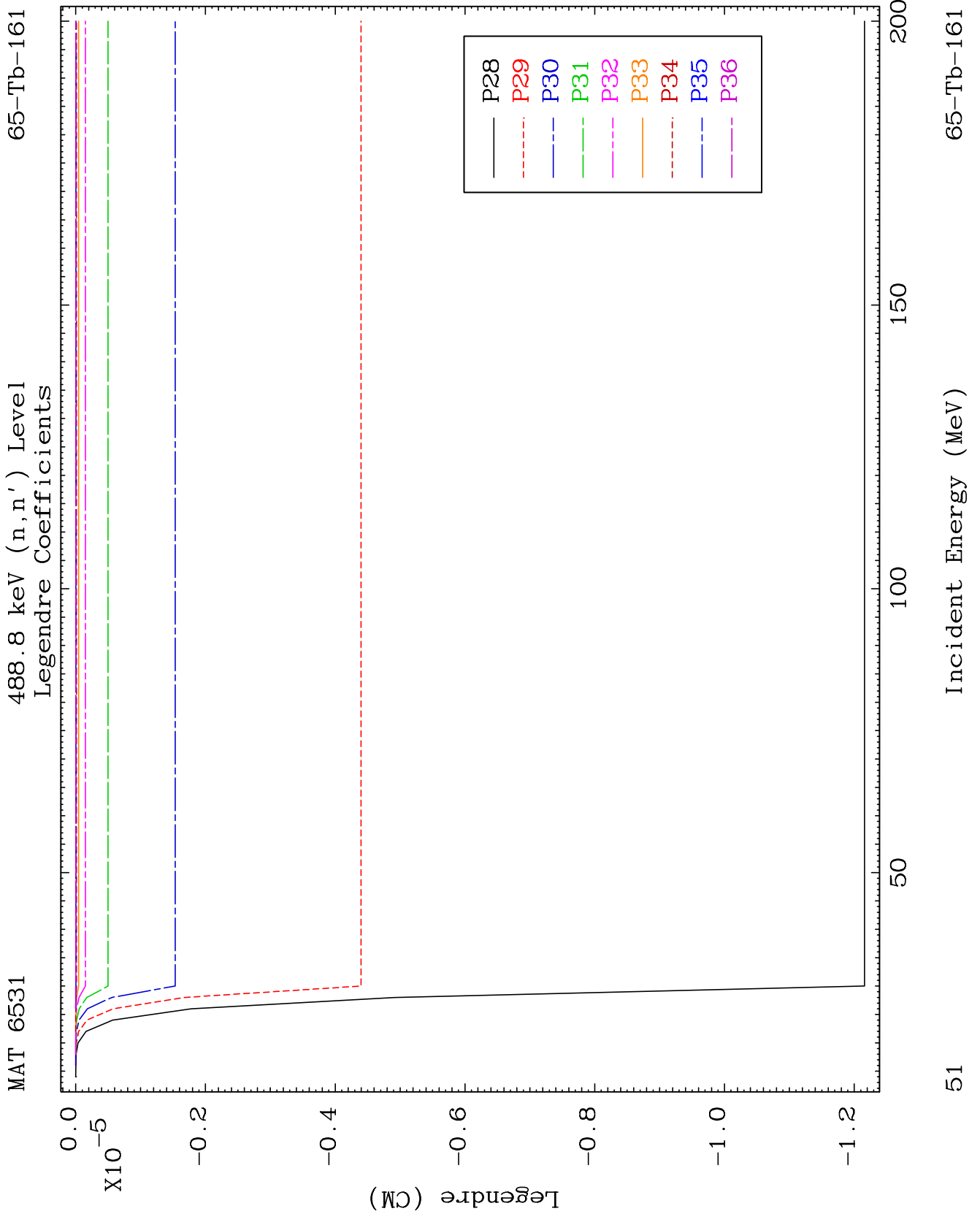


49

Incident Energy (MeV)

65-Tb-161

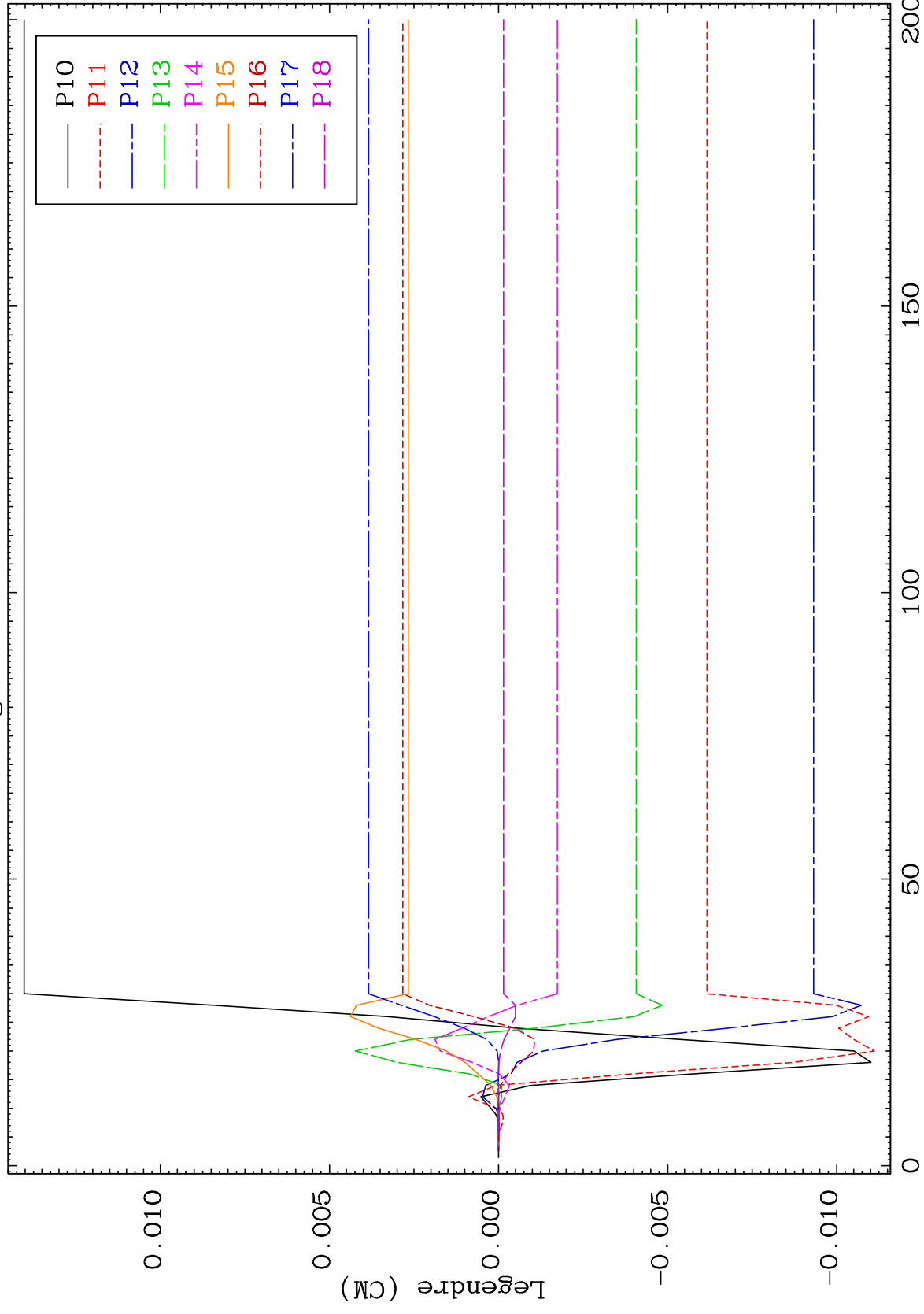




MAT 6531

499.0 keV (n,n') Level
Legendre Coefficients

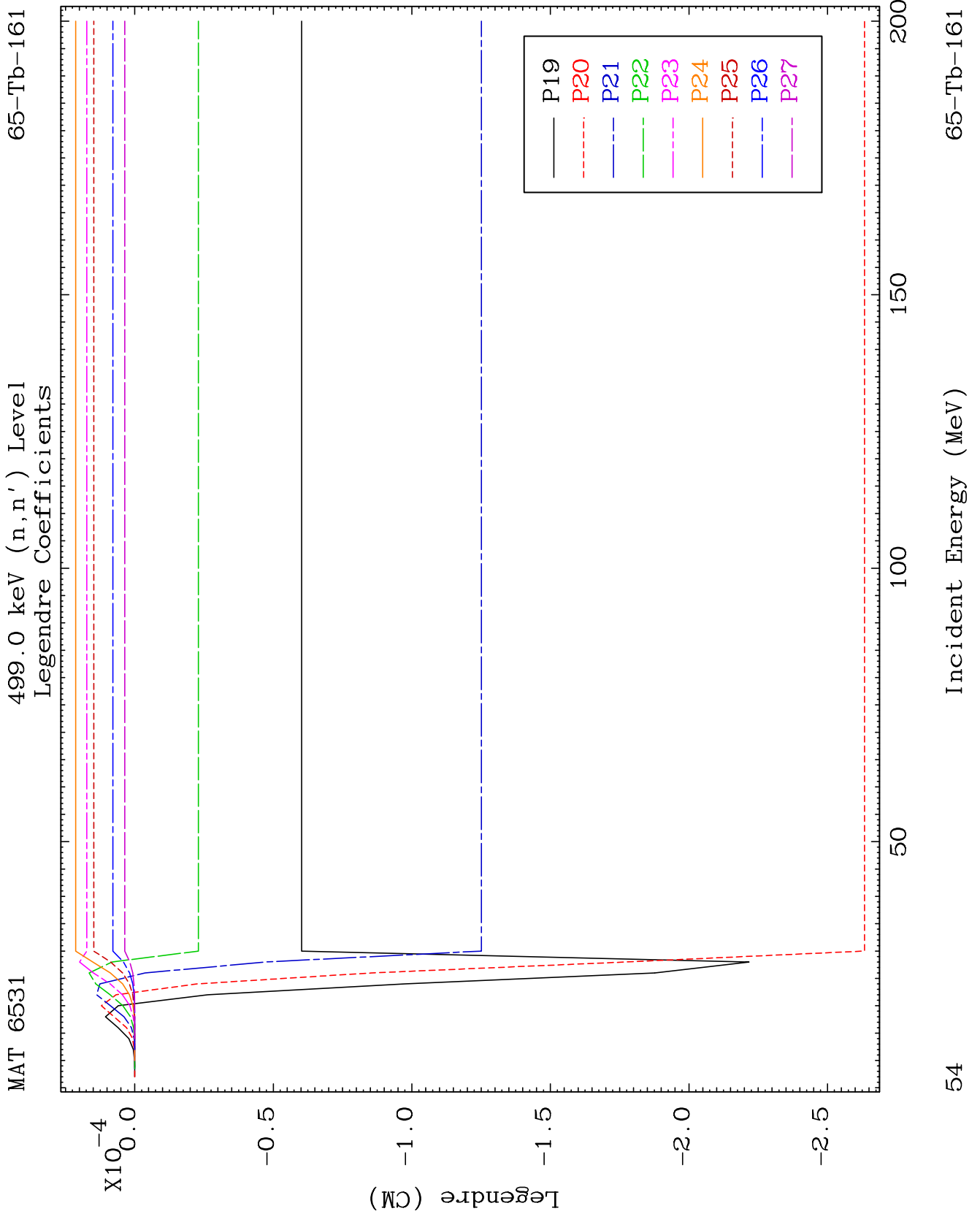
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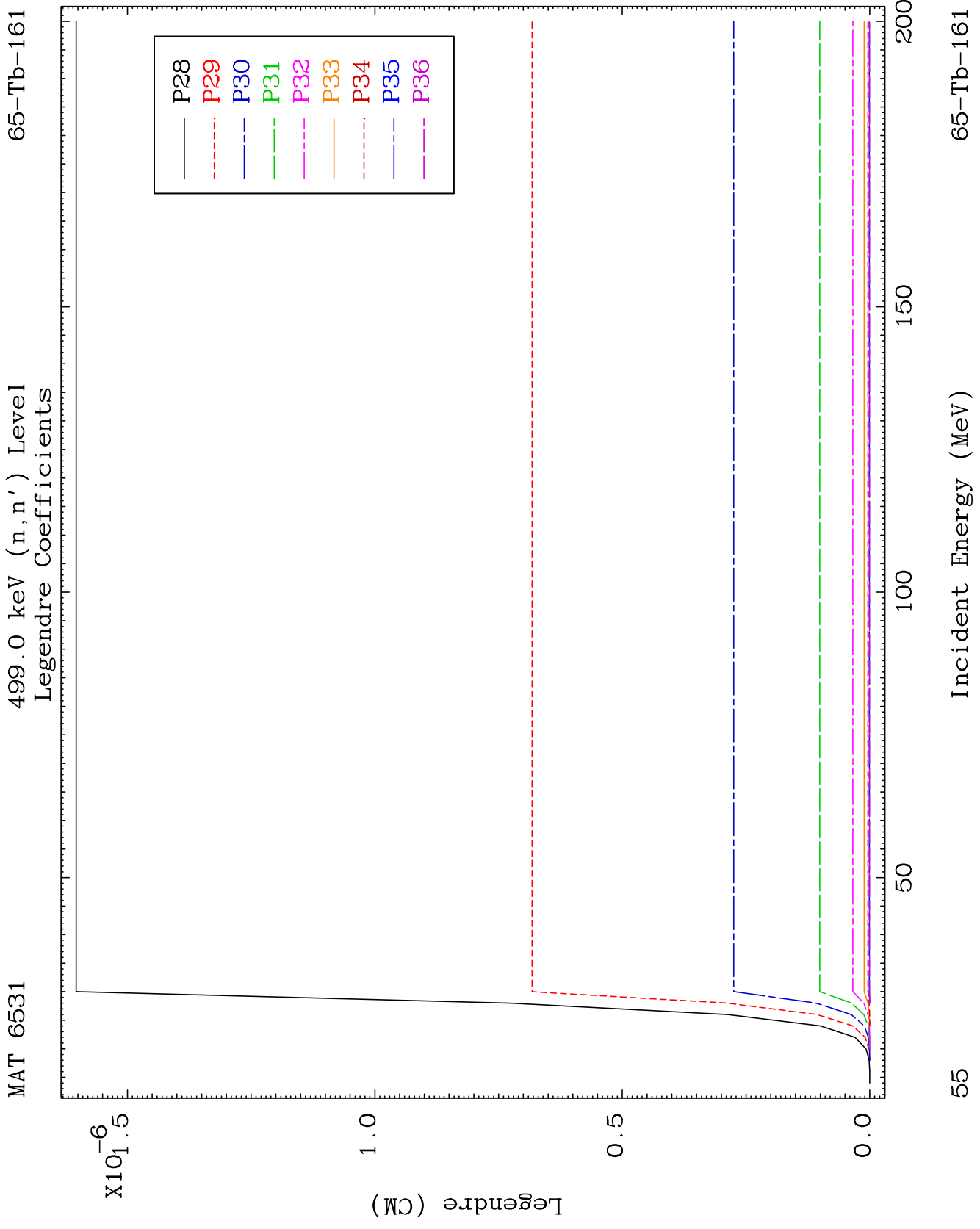


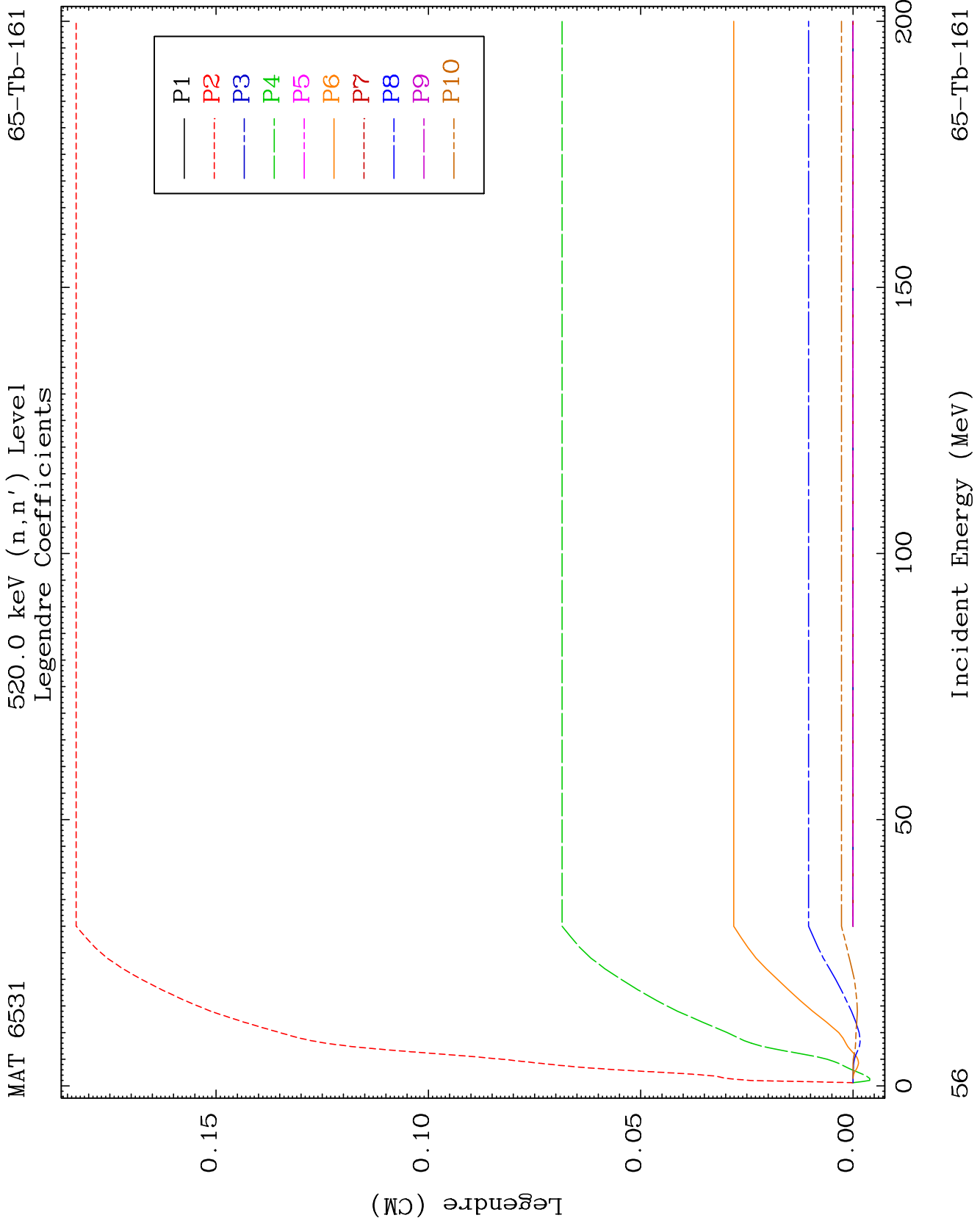
53

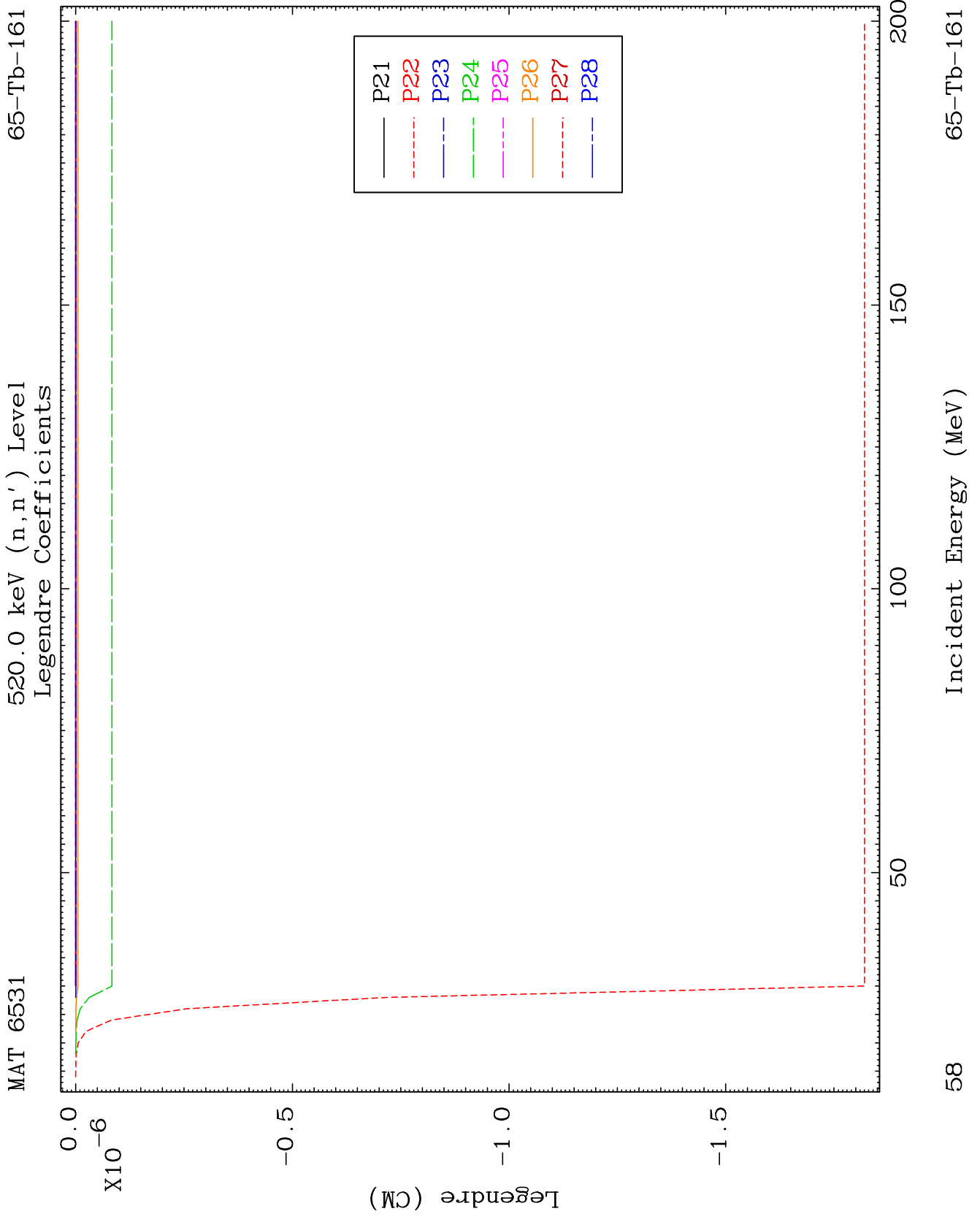
Incident Energy (MeV)

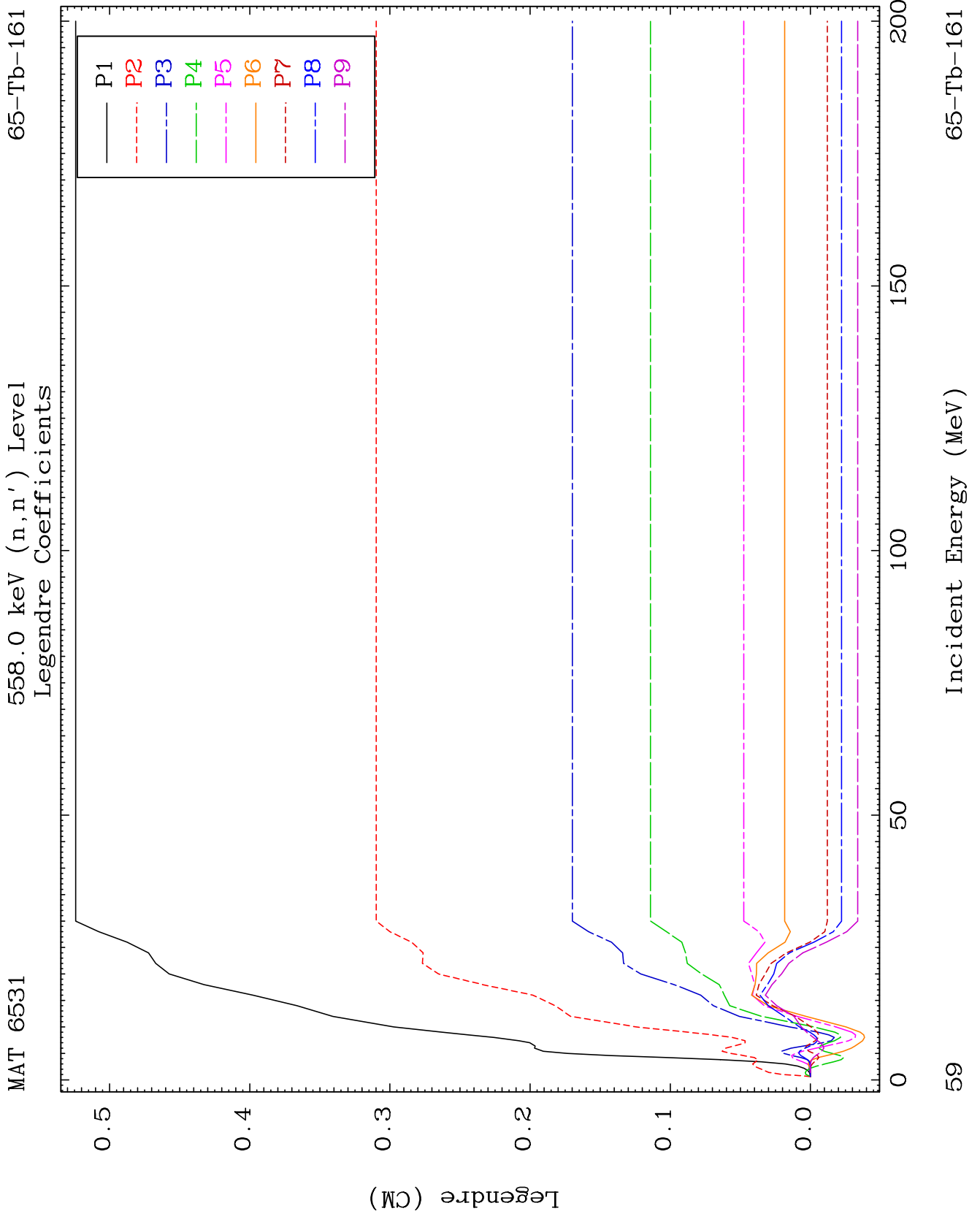
65-Tb-161







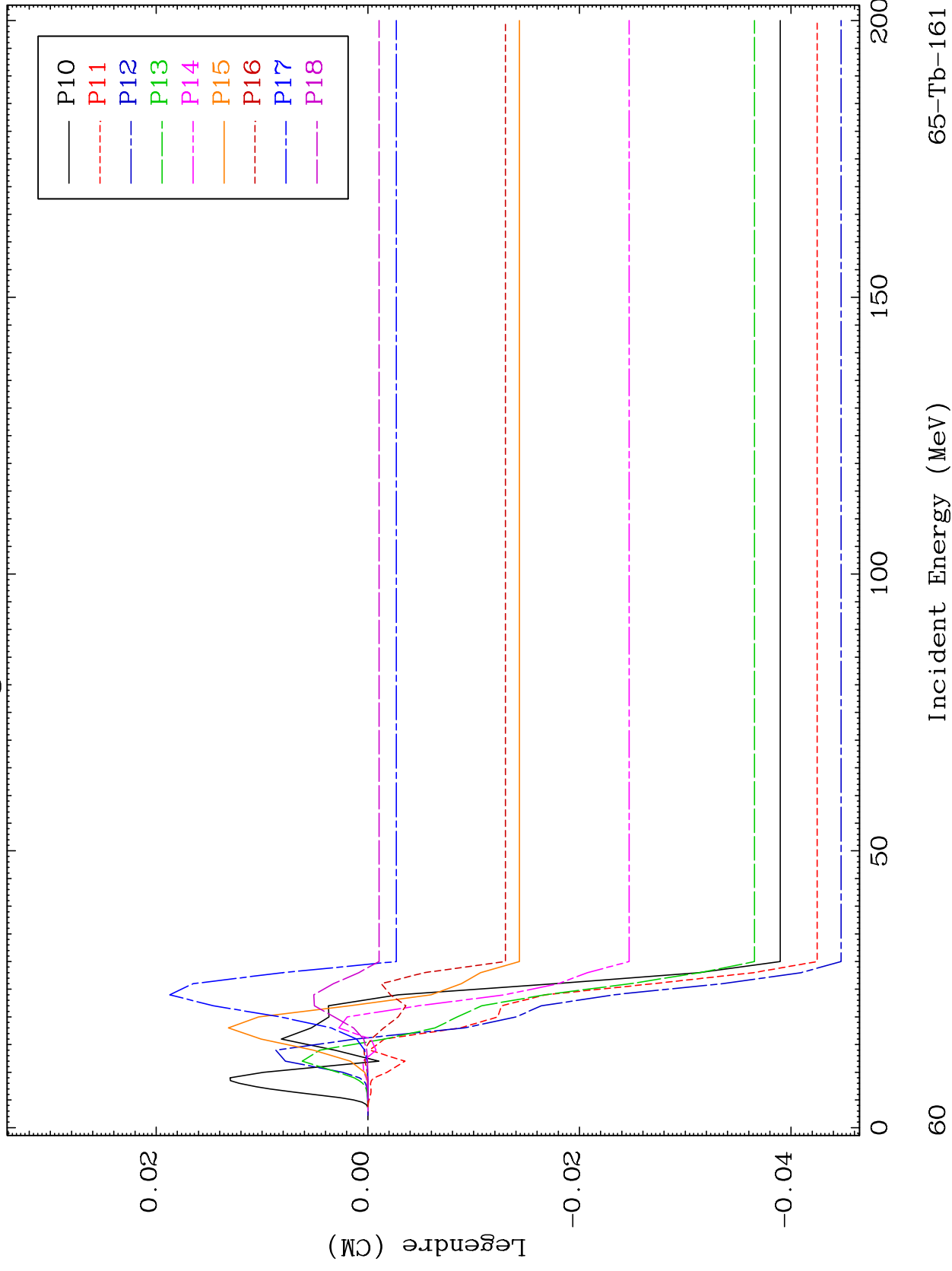




MAT 6531

558.0 keV (n,n') Level
Legendre Coefficients

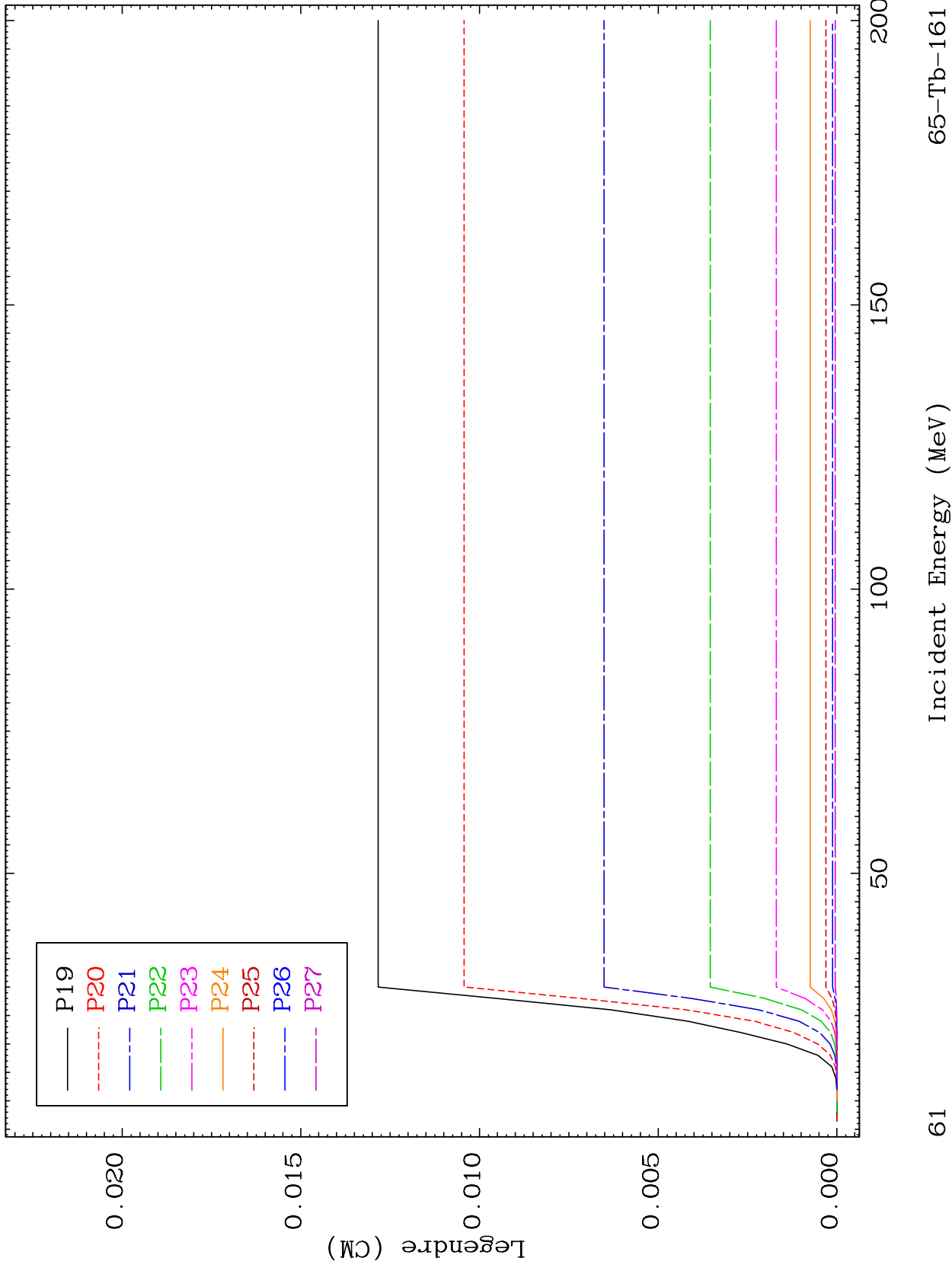
65-Tb-161



MAT 6531

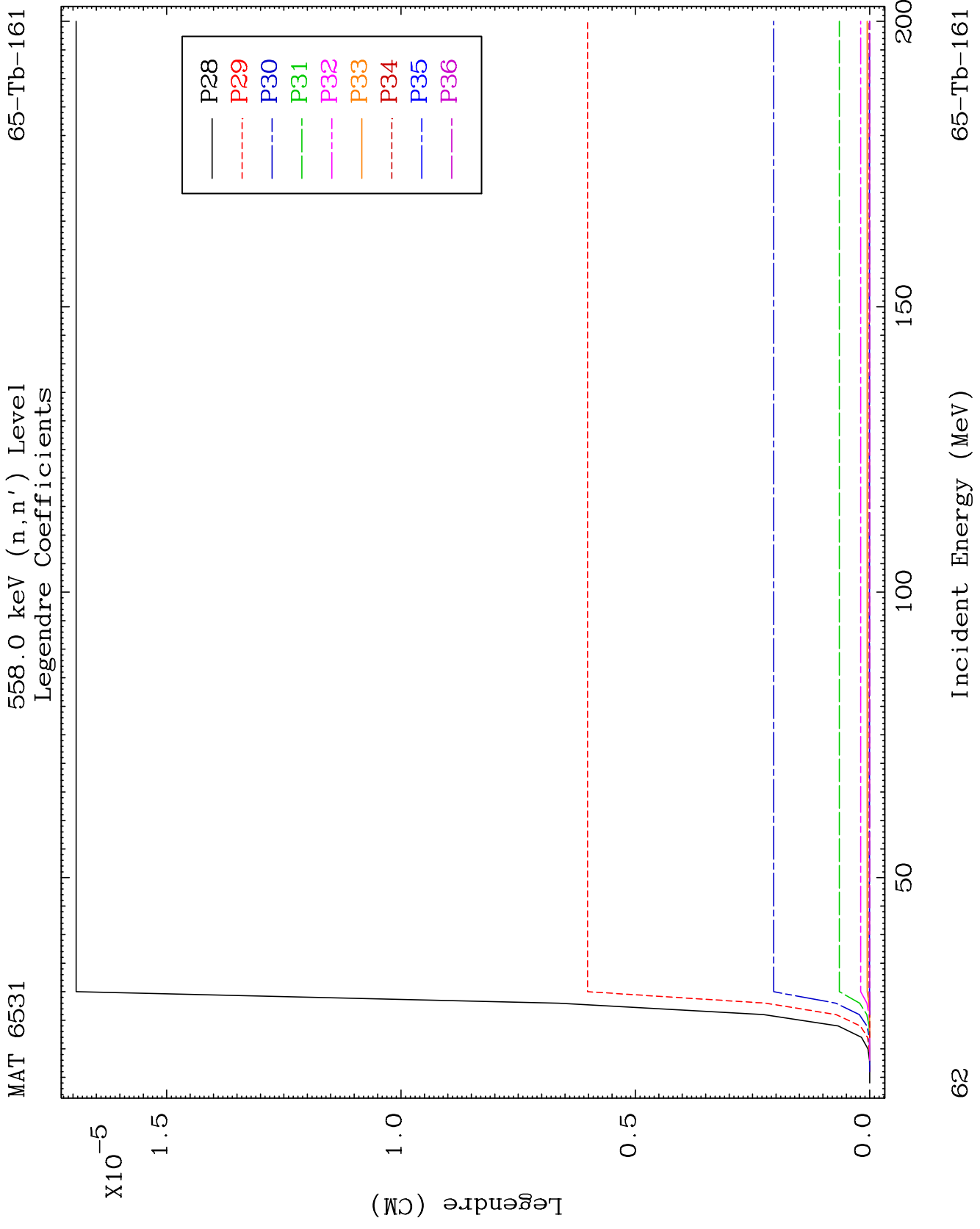
558.0 keV (n,n') Level
Legendre Coefficients

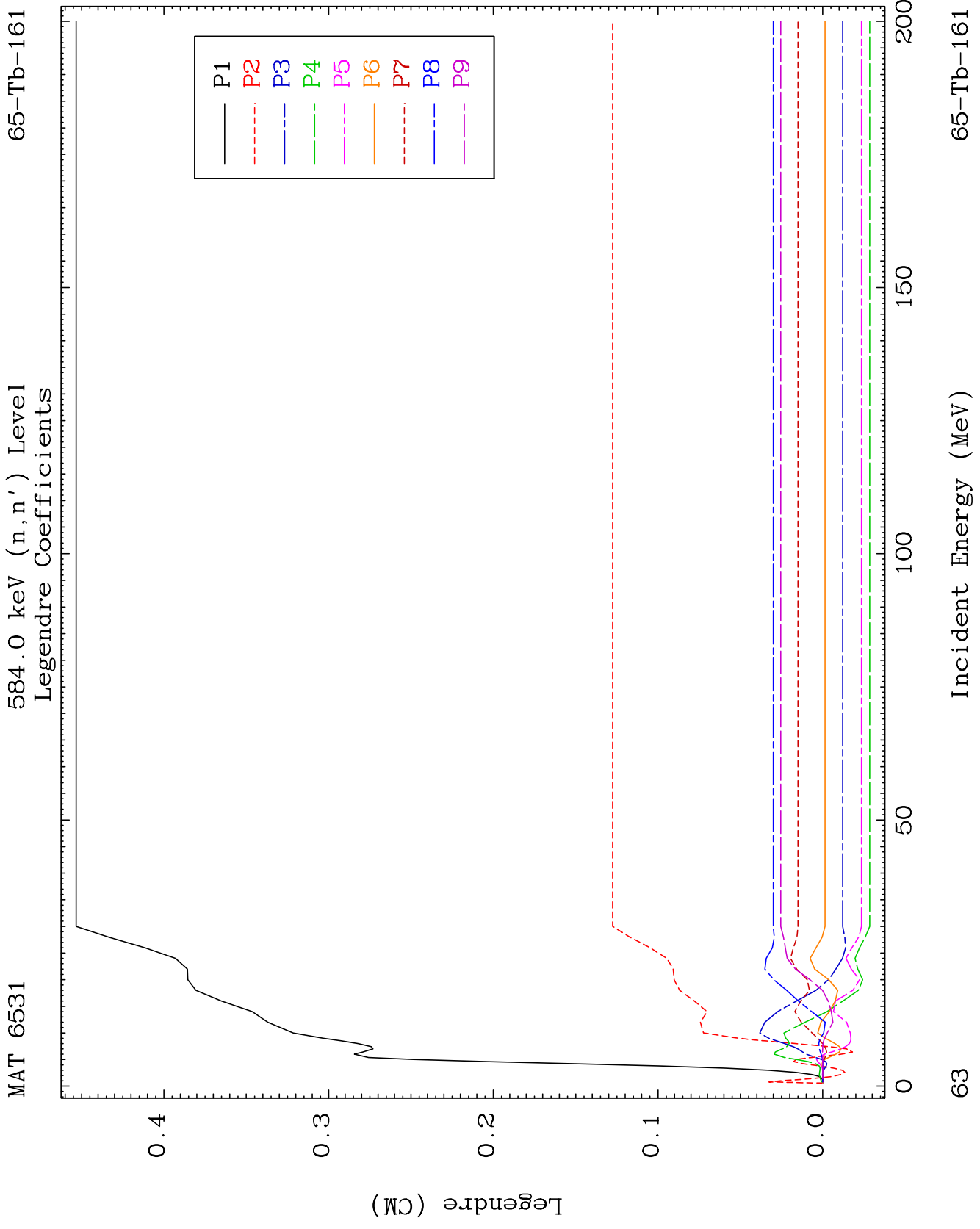
65-Tb-161



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65-Tb-161

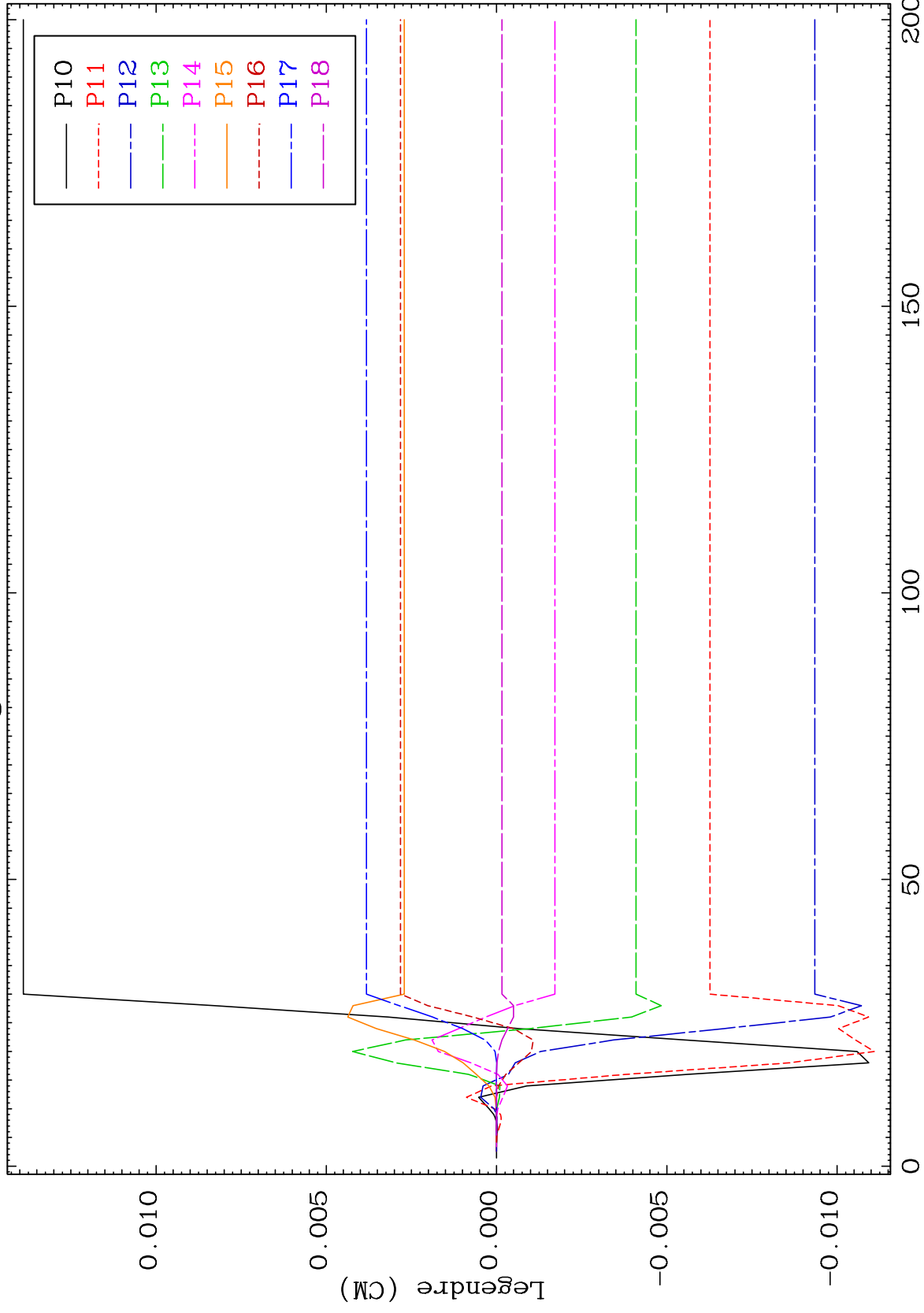




MAT 6531

584.0 keV (n,n') Level
Legendre Coefficients

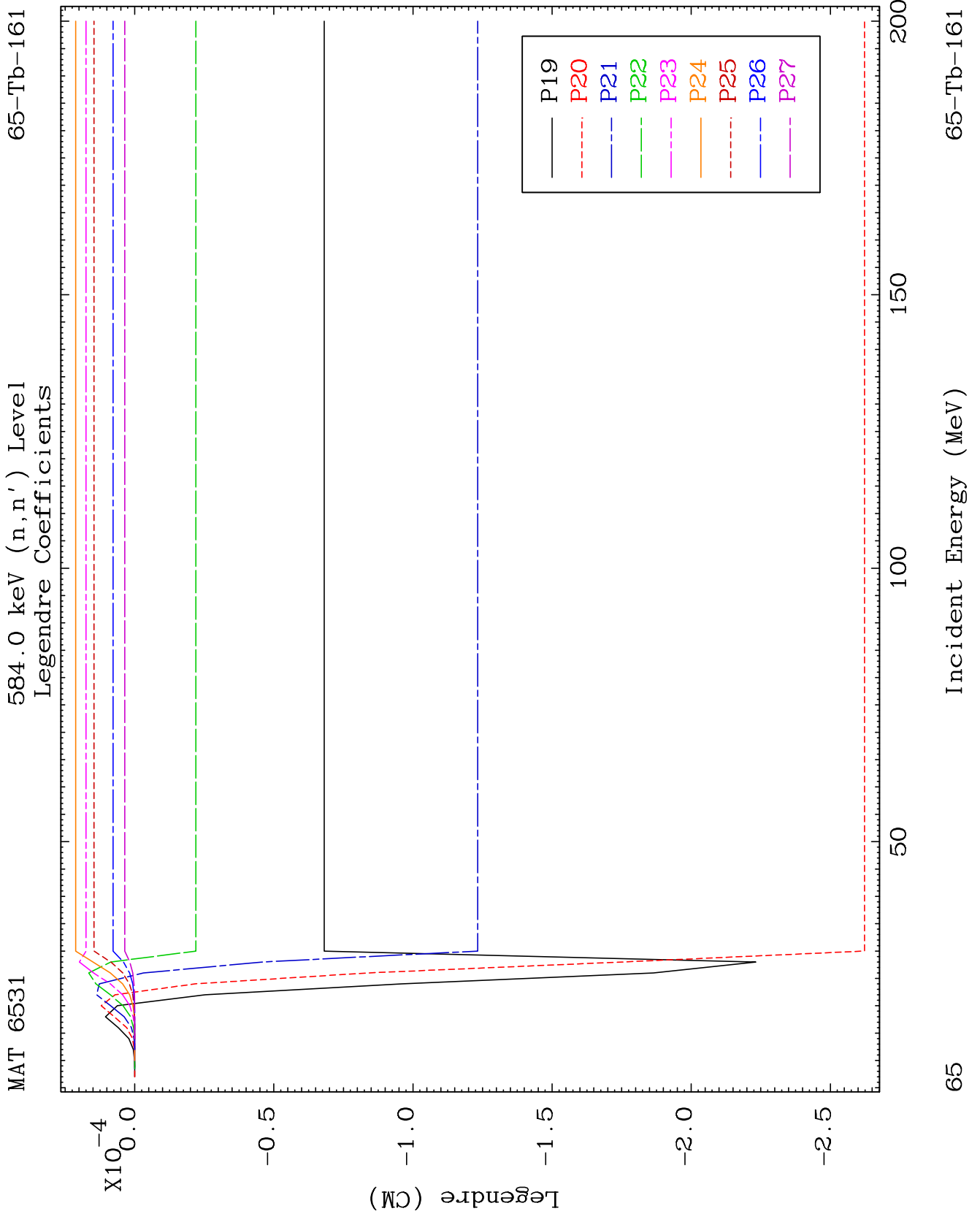
65-Tb-161

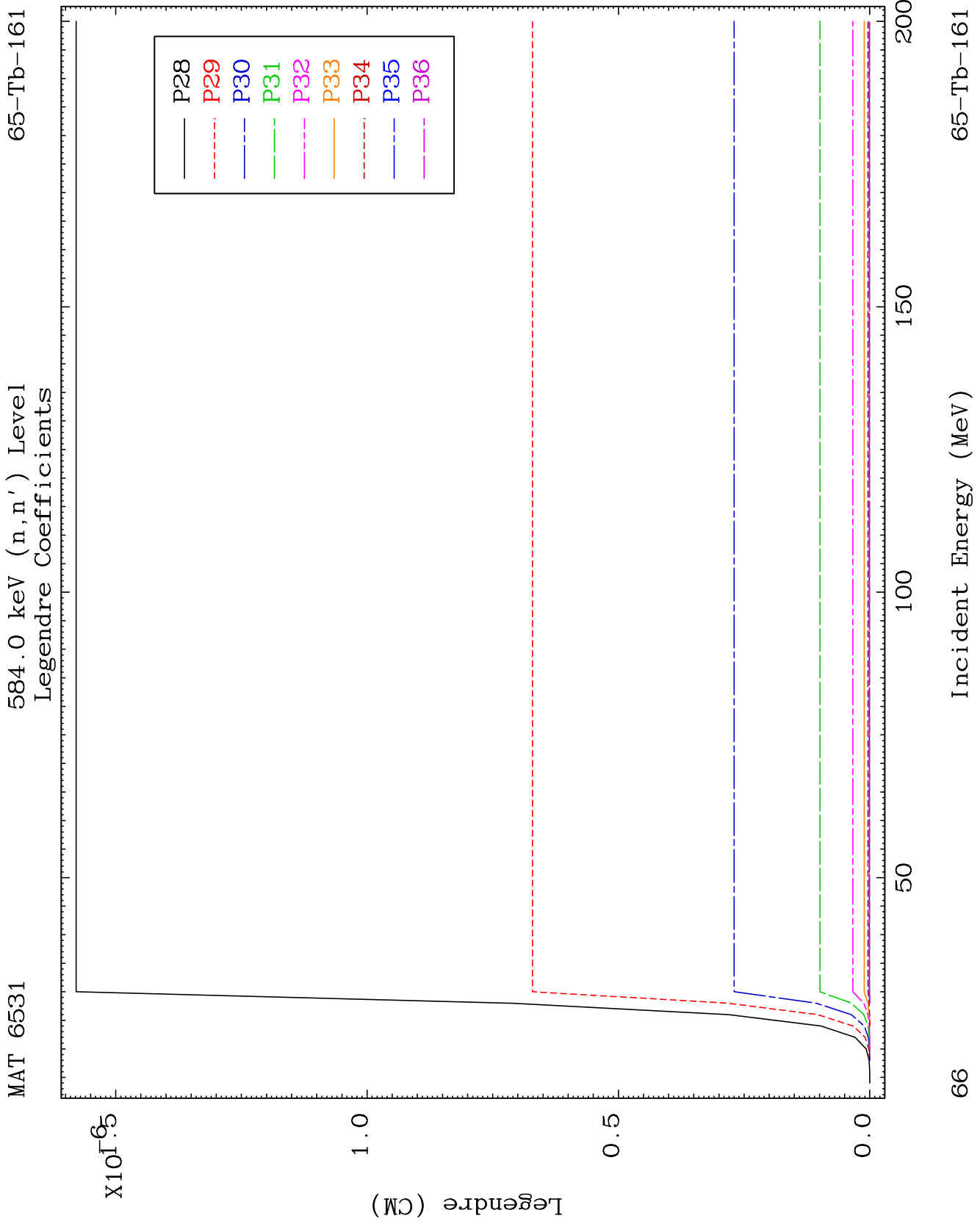


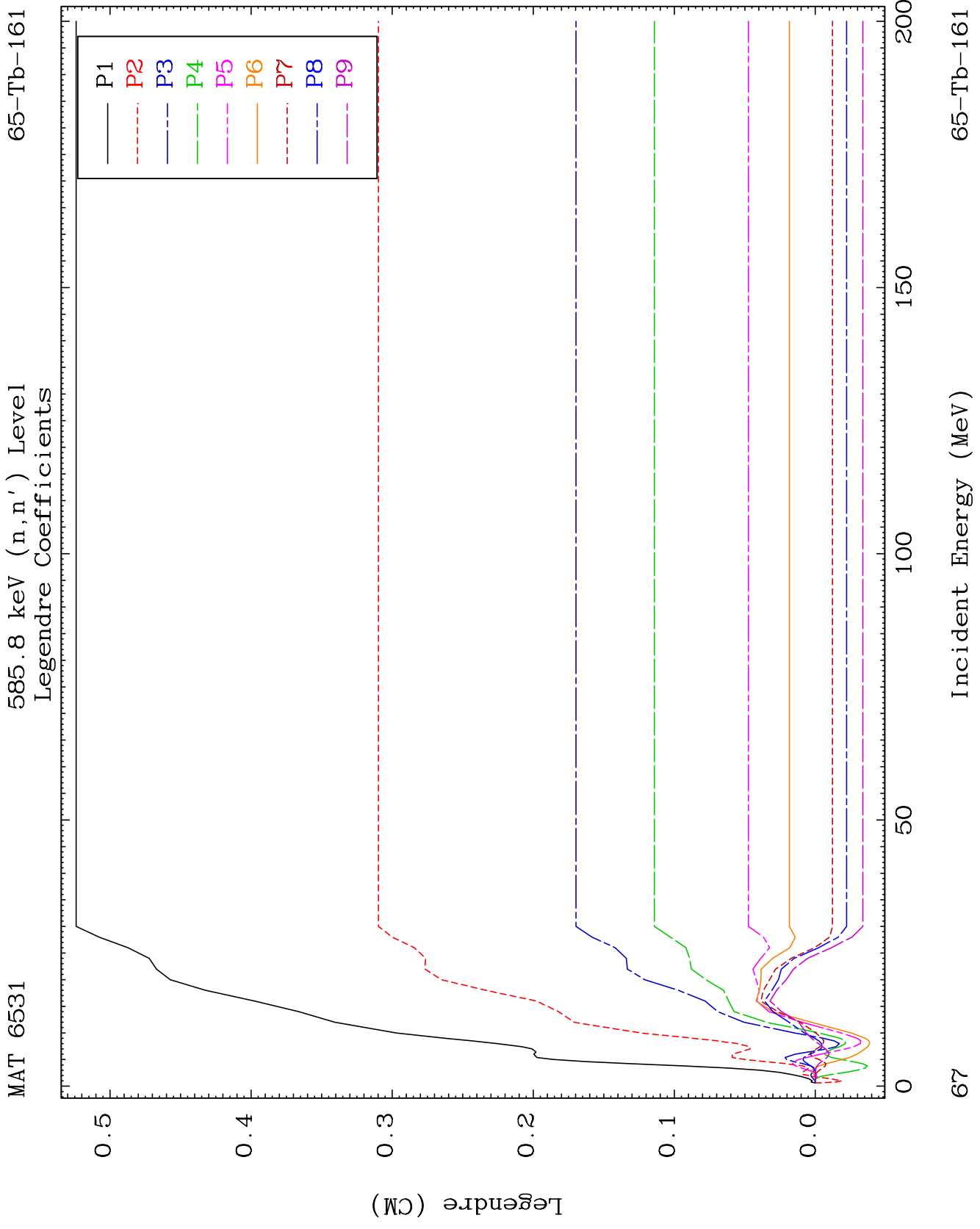
64

Incident Energy (MeV)

65-Tb-161



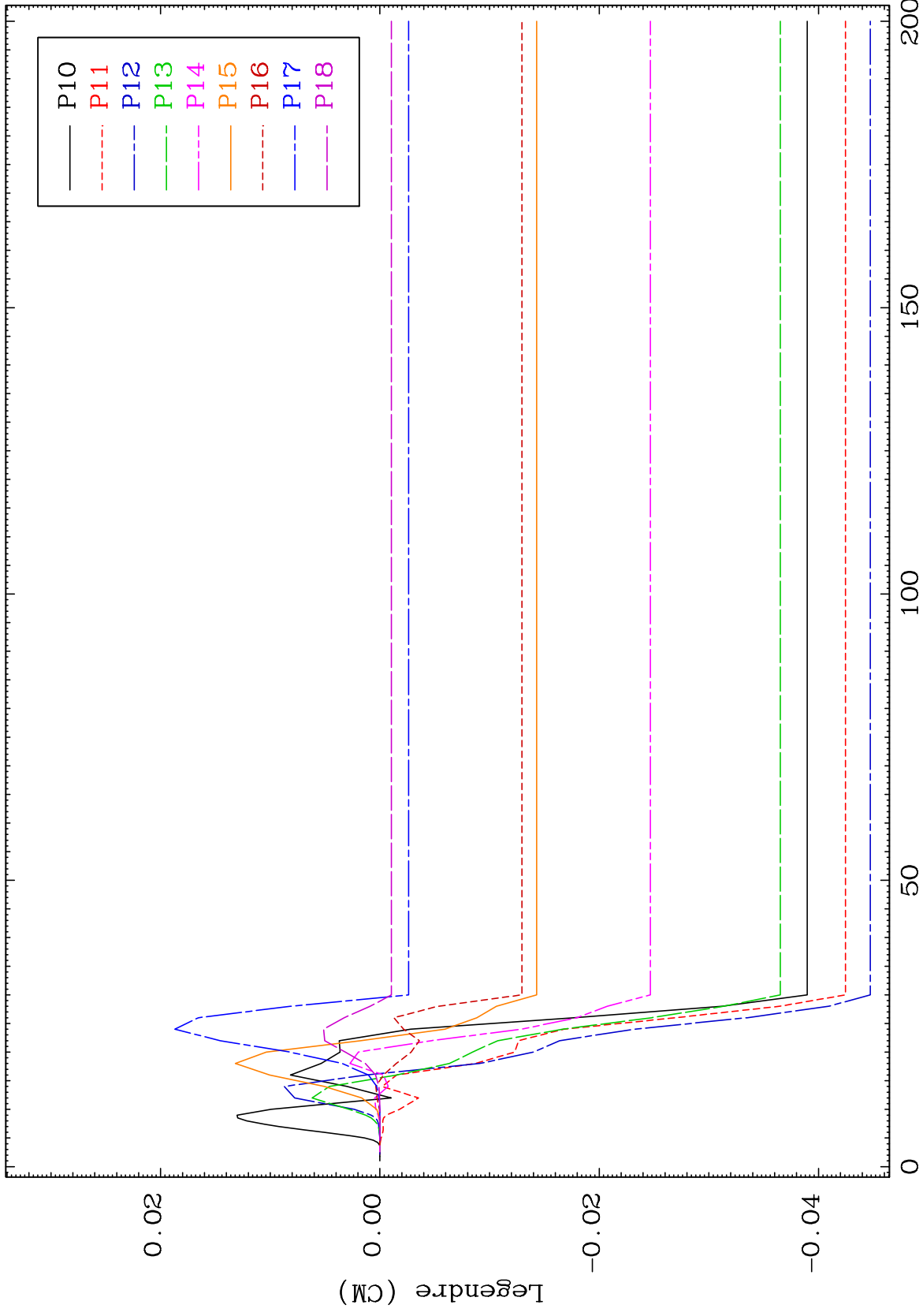




MAT 6531

585.8 keV (n,n') Level
Legendre Coefficients

65-Tb-161



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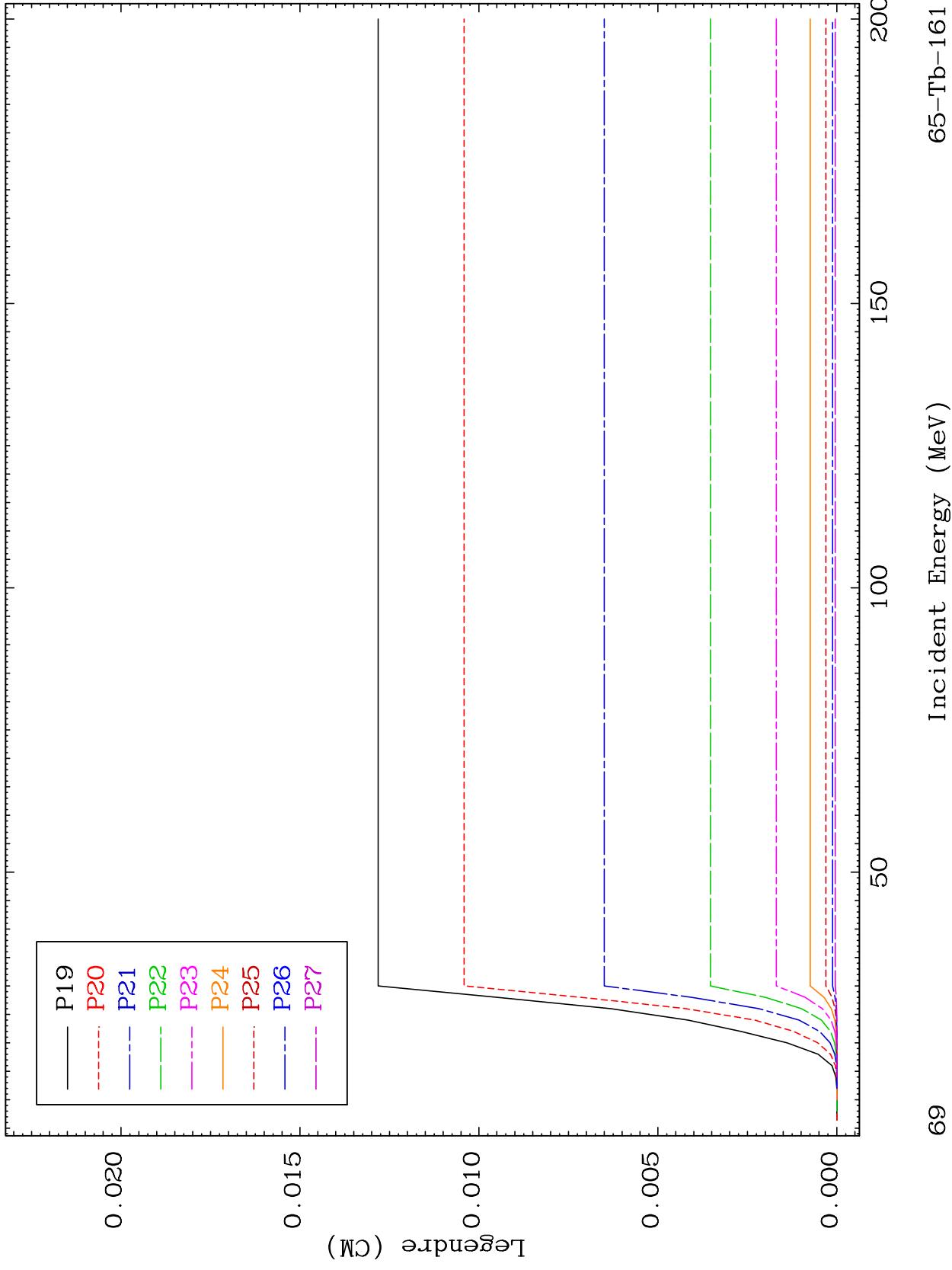
Incident Energy (MeV)

65-Tb-161

MAT 6531

585.8 keV (n, n') Level
Legendre Coefficients

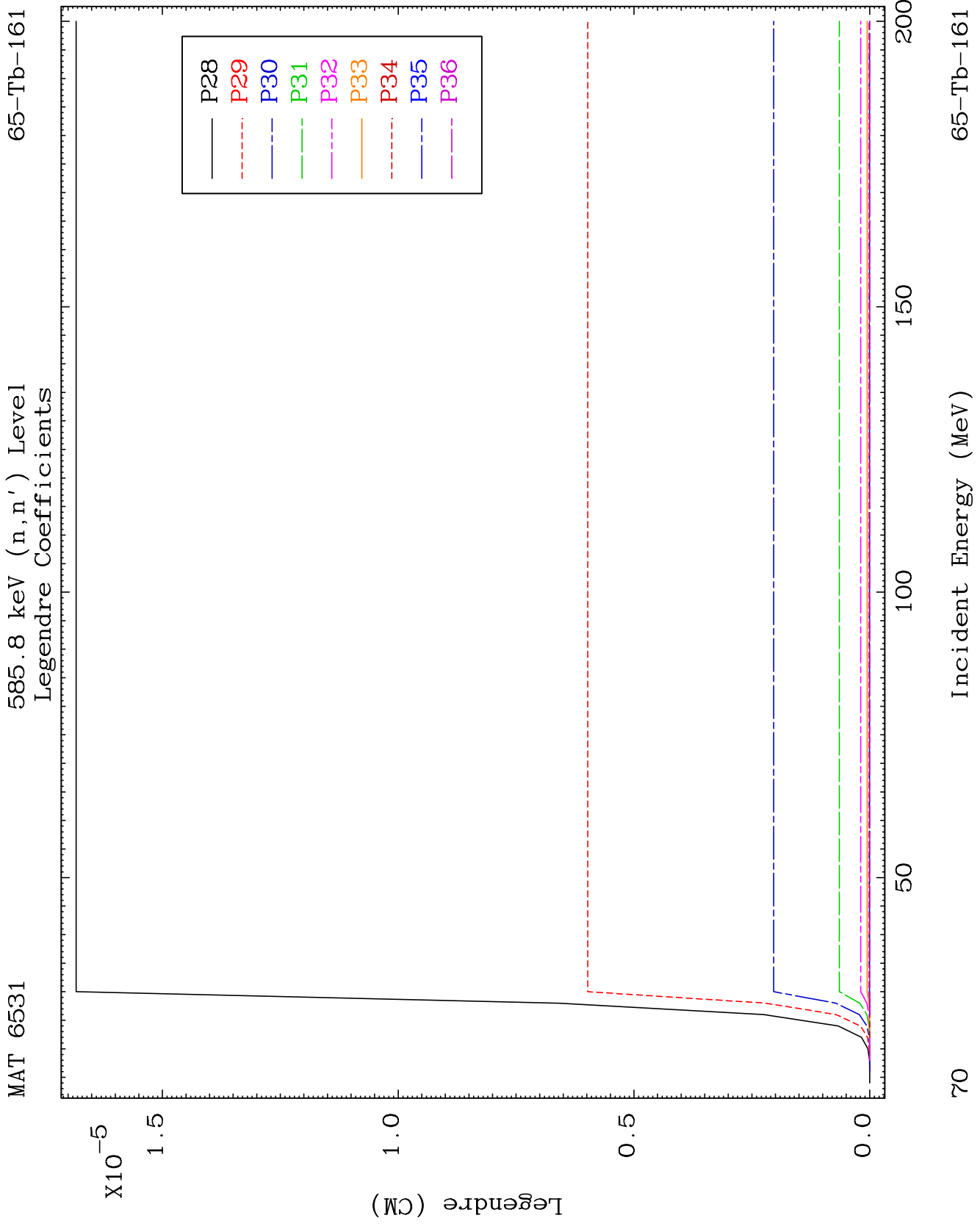
65-Tb-161



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Incident Energy (MeV)

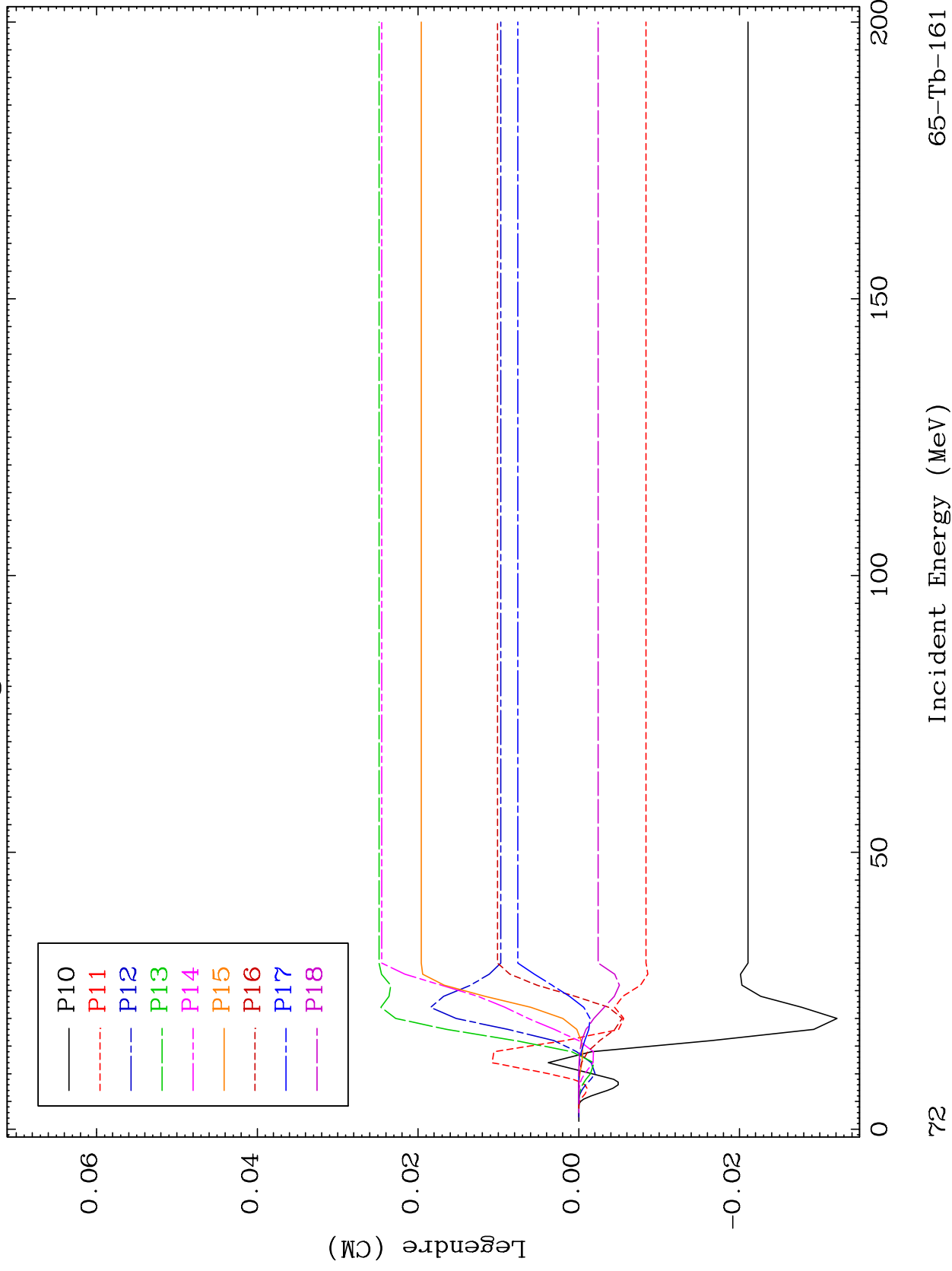
65-Tb-161



MAT 6531

602.0 keV (n,n') Level
Legendre Coefficients

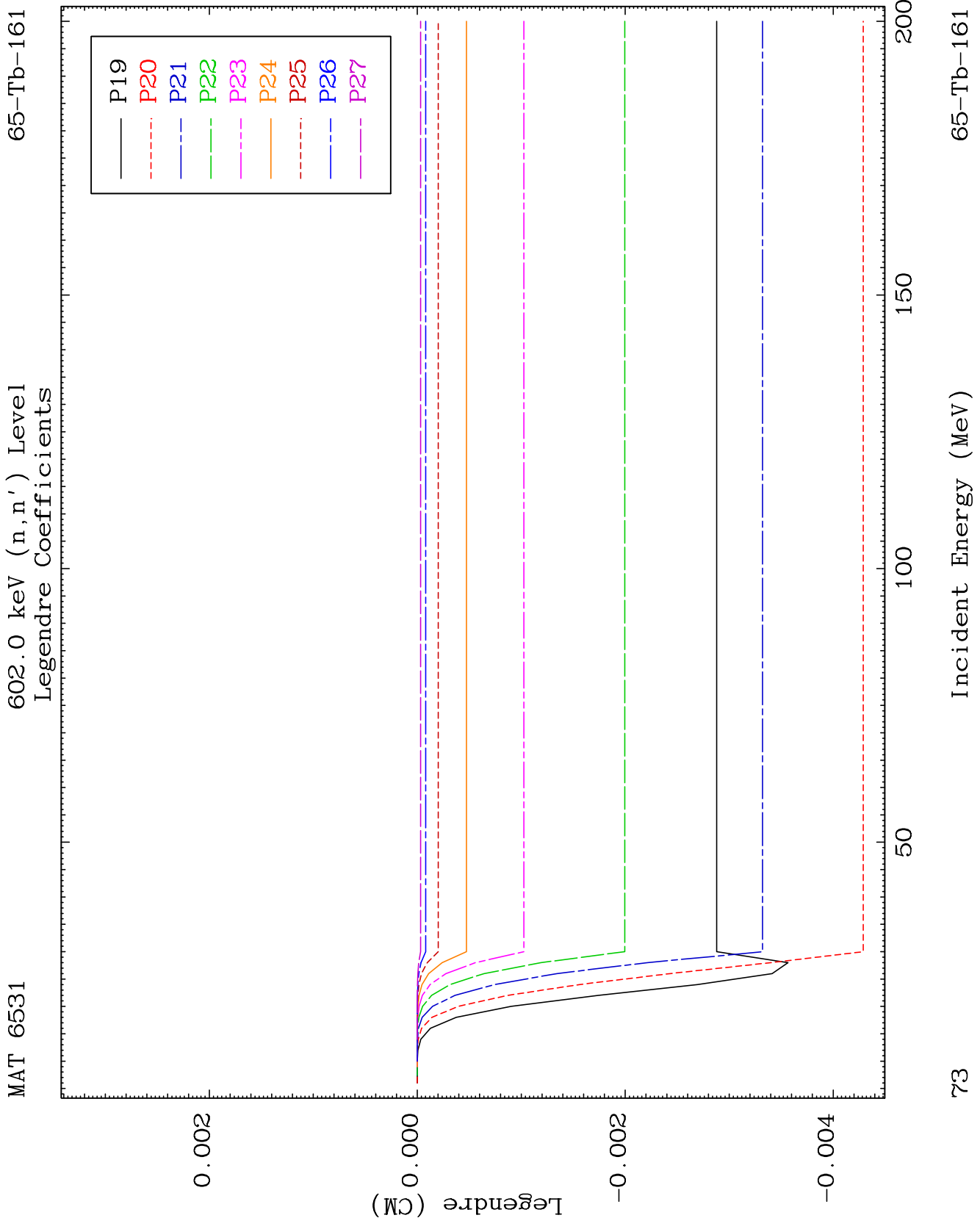
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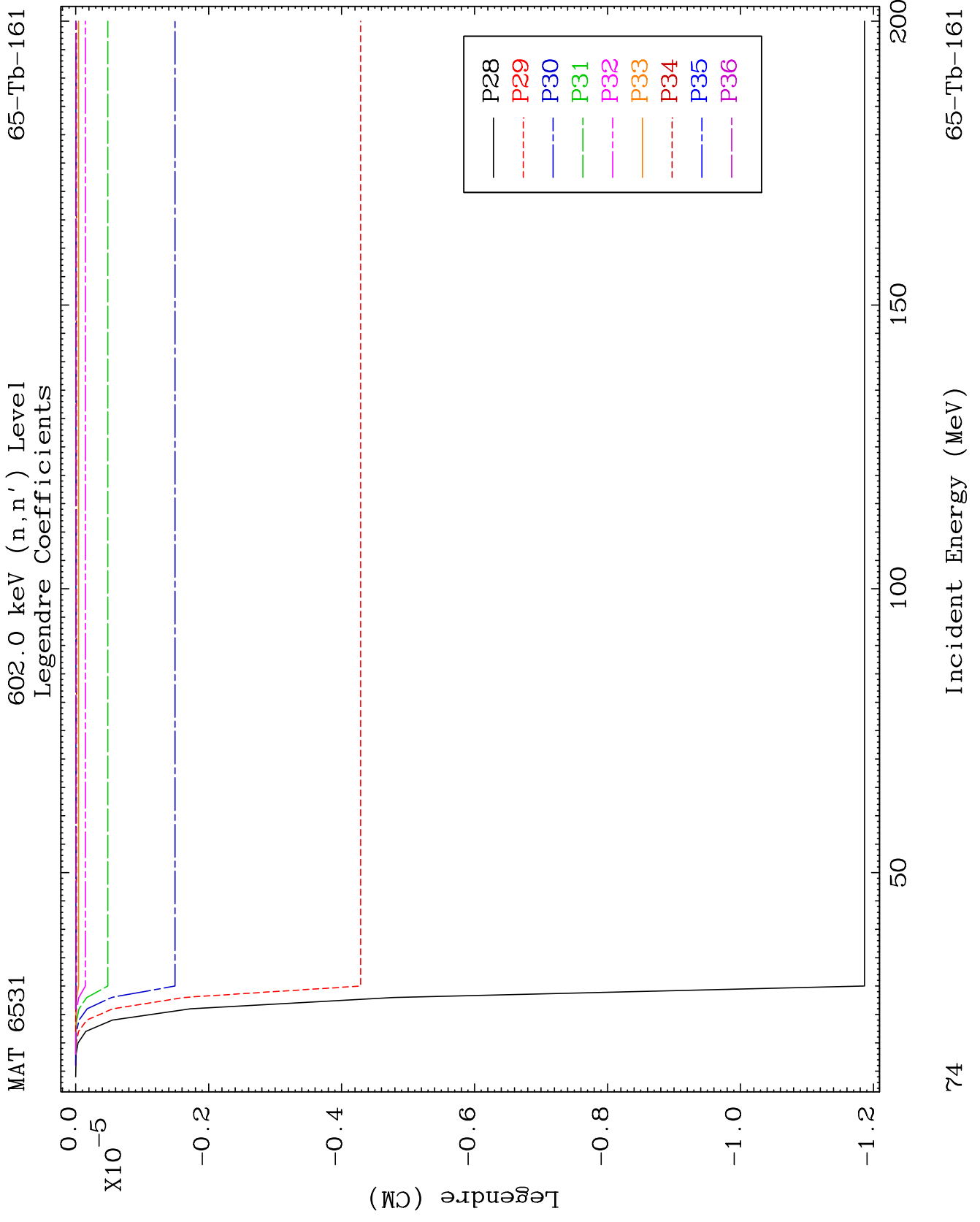


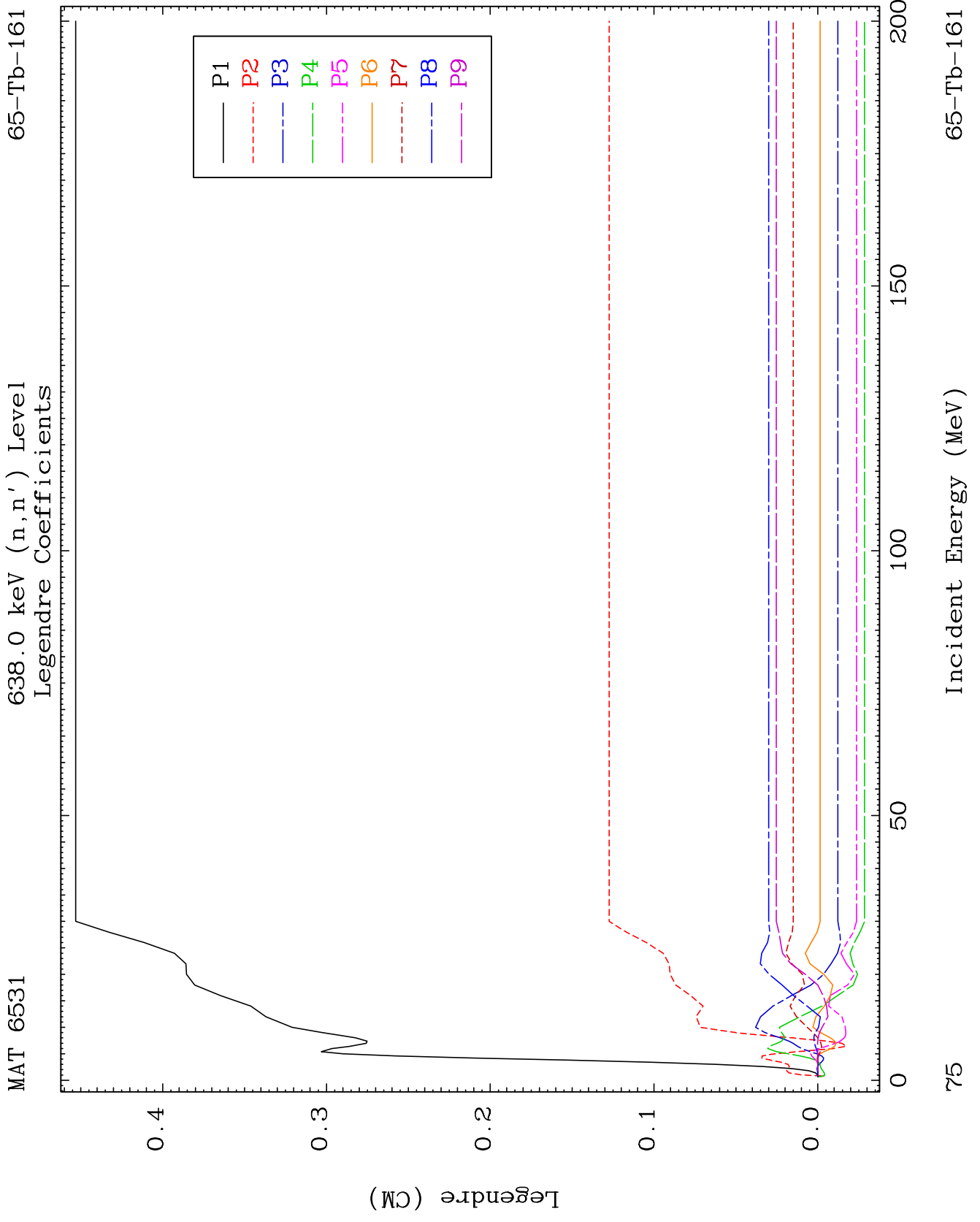
72

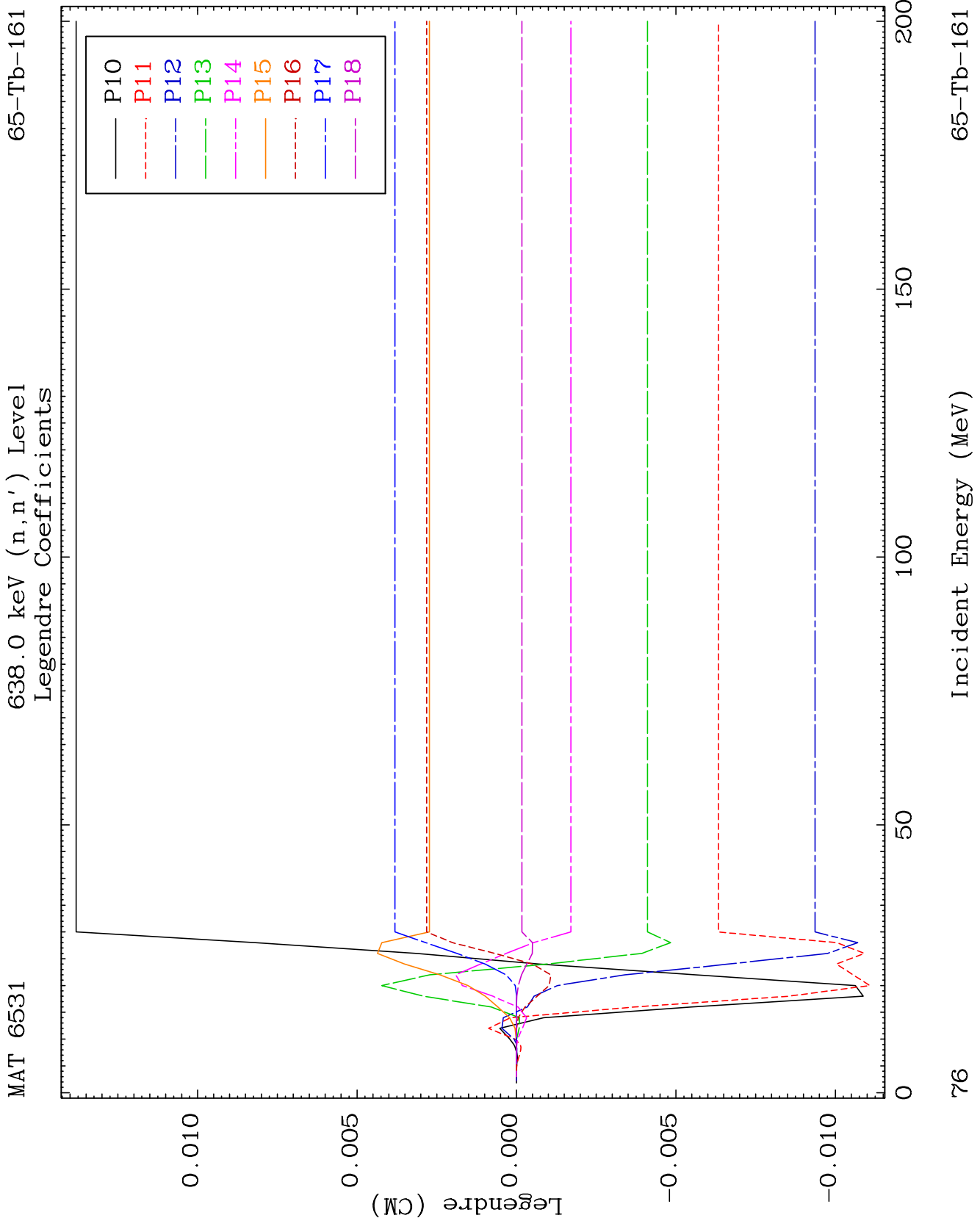
Incident Energy (MeV)

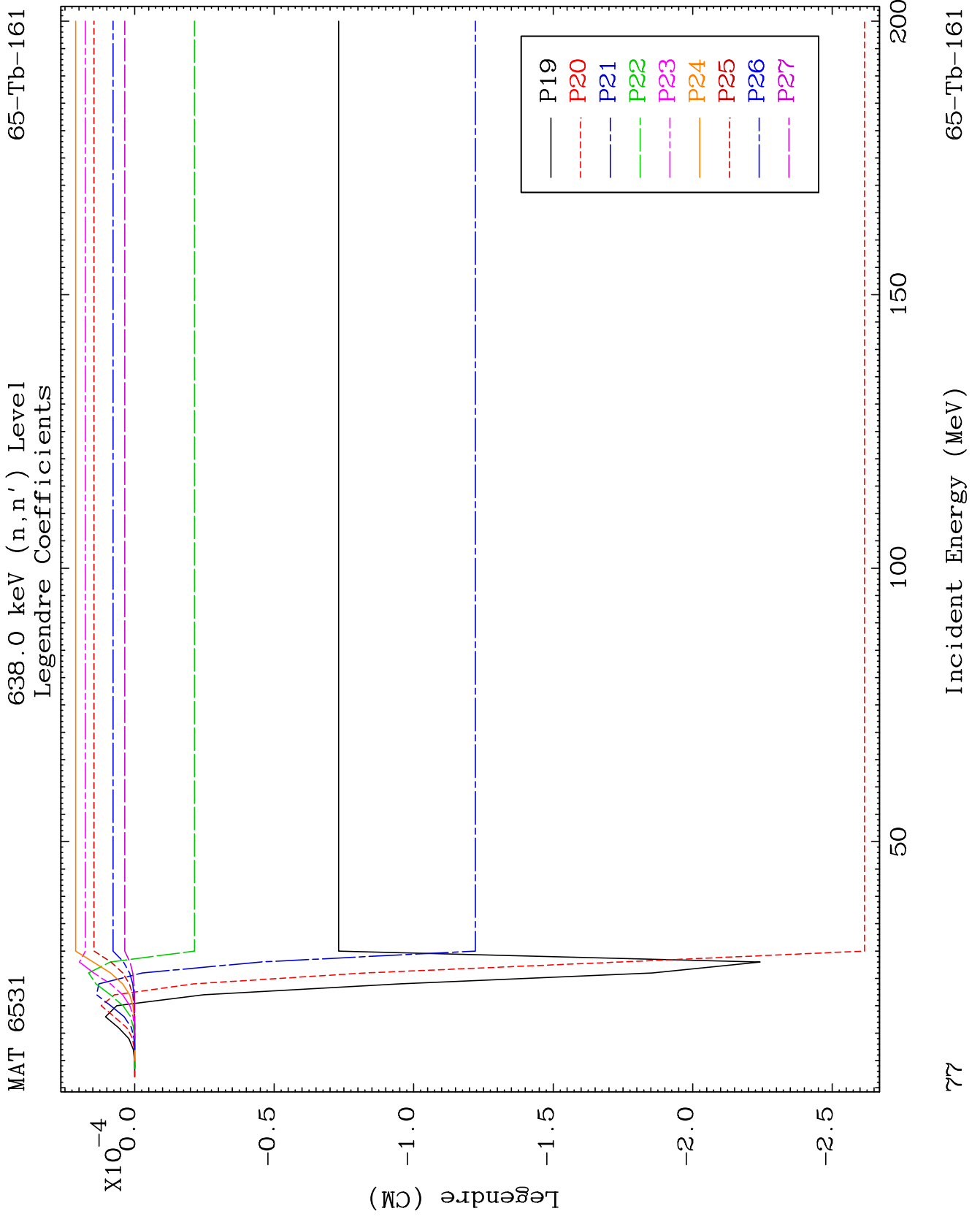
65-Tb-161

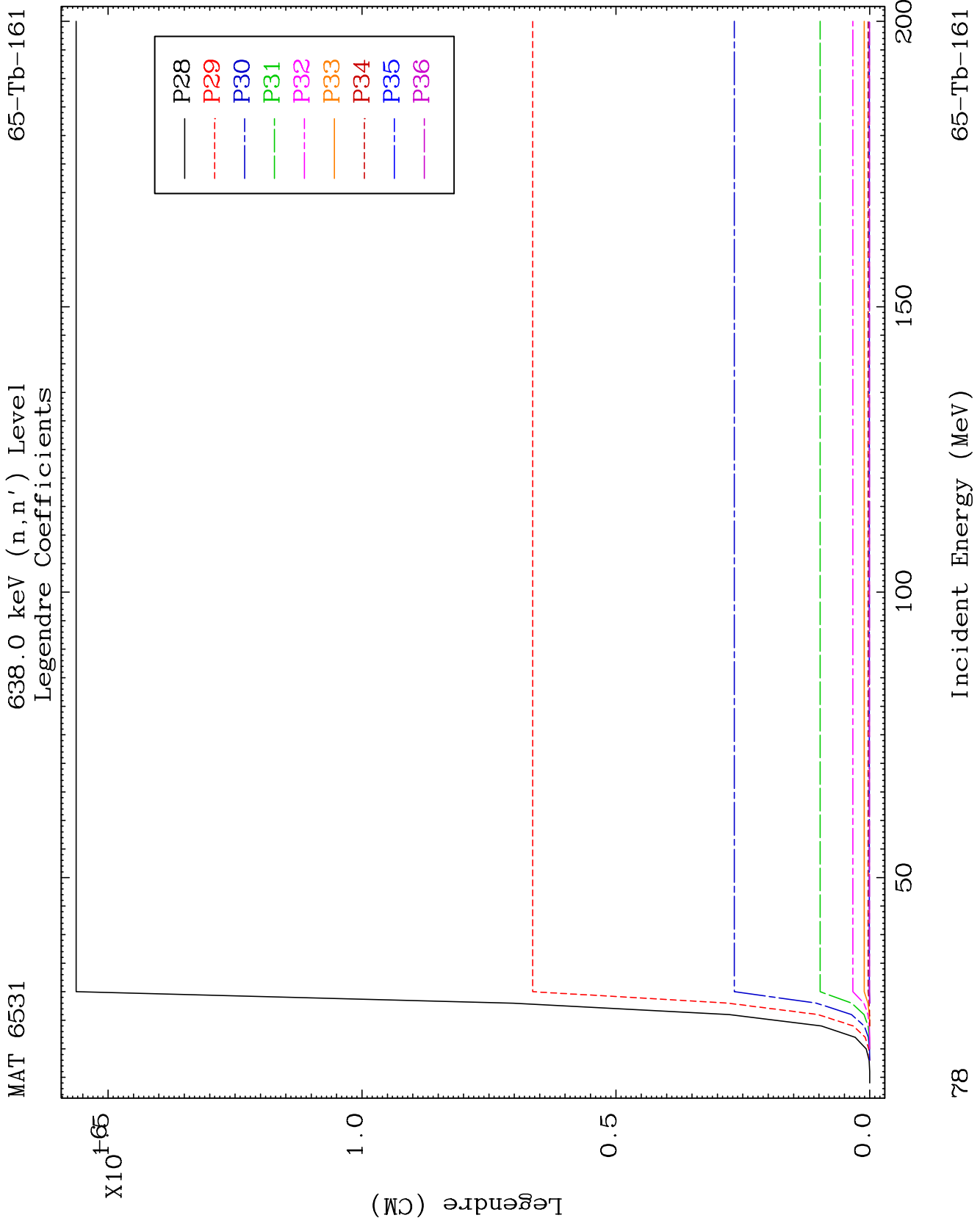








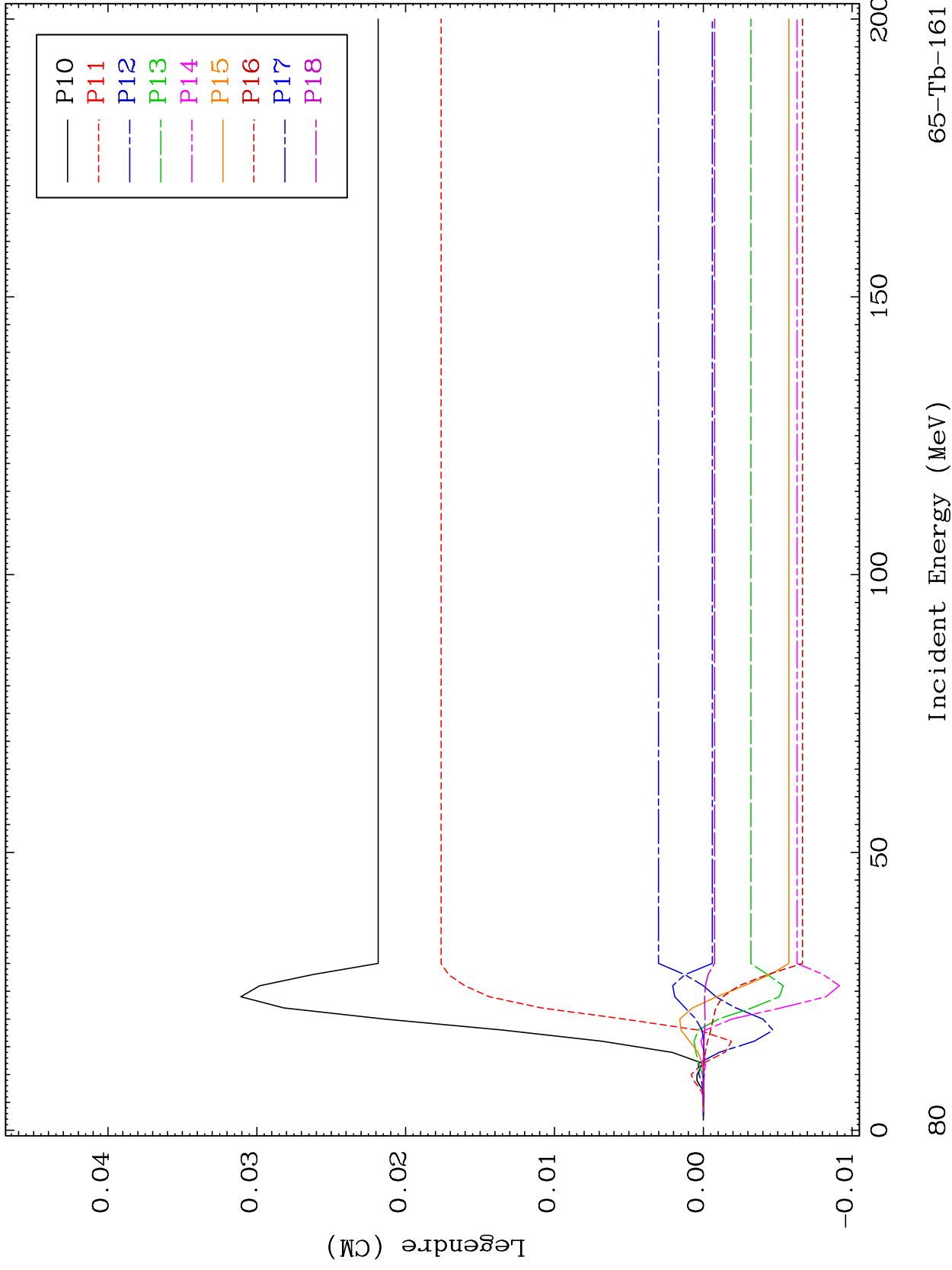




MAT 6531

698.0 keV (n,n') Level
Legendre Coefficients

65-Tb-161



65-Tb-161

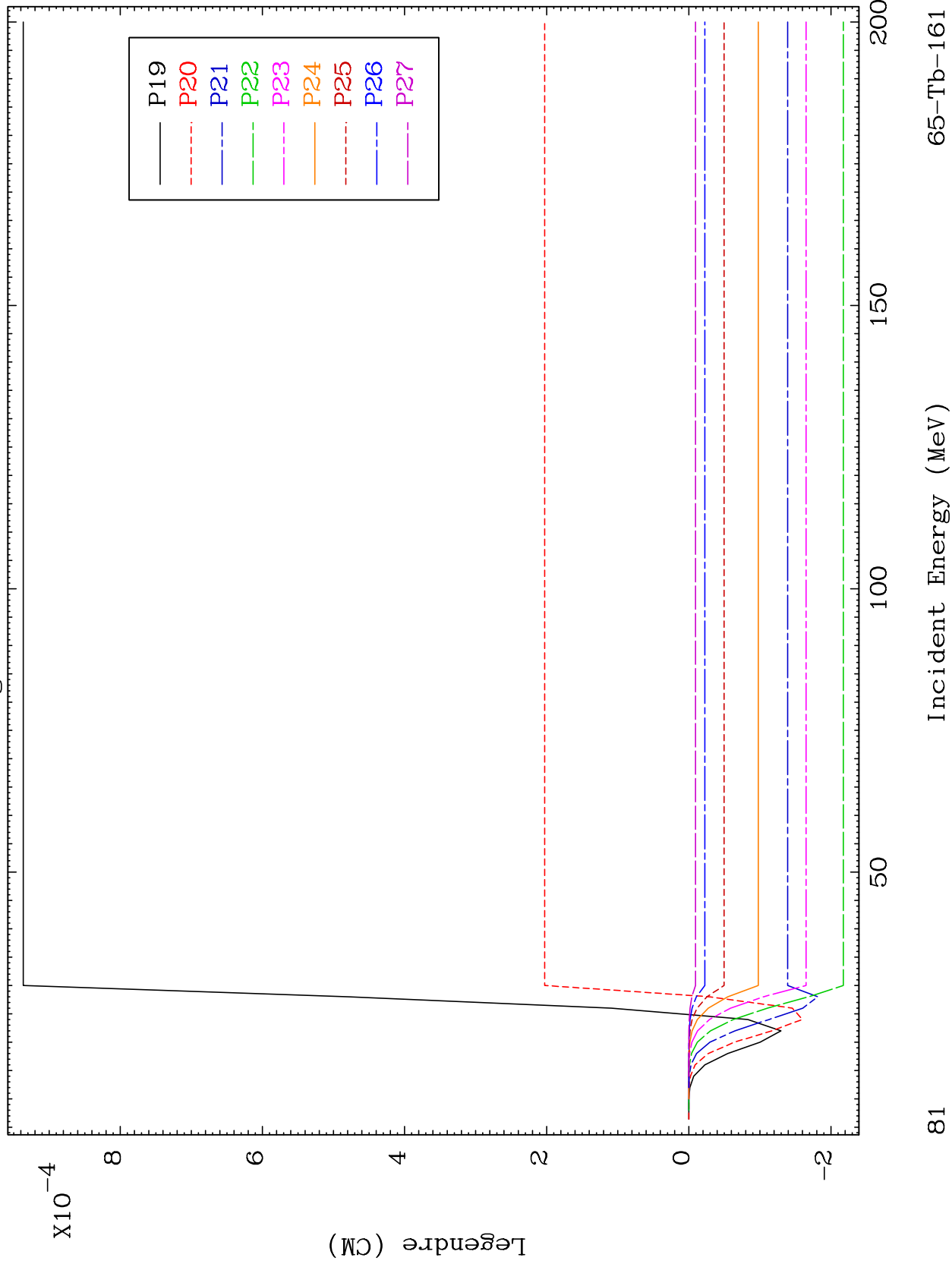
Incident Energy (MeV)

80

MAT 6531

698.0 keV (n,n') Level
Legendre Coefficients

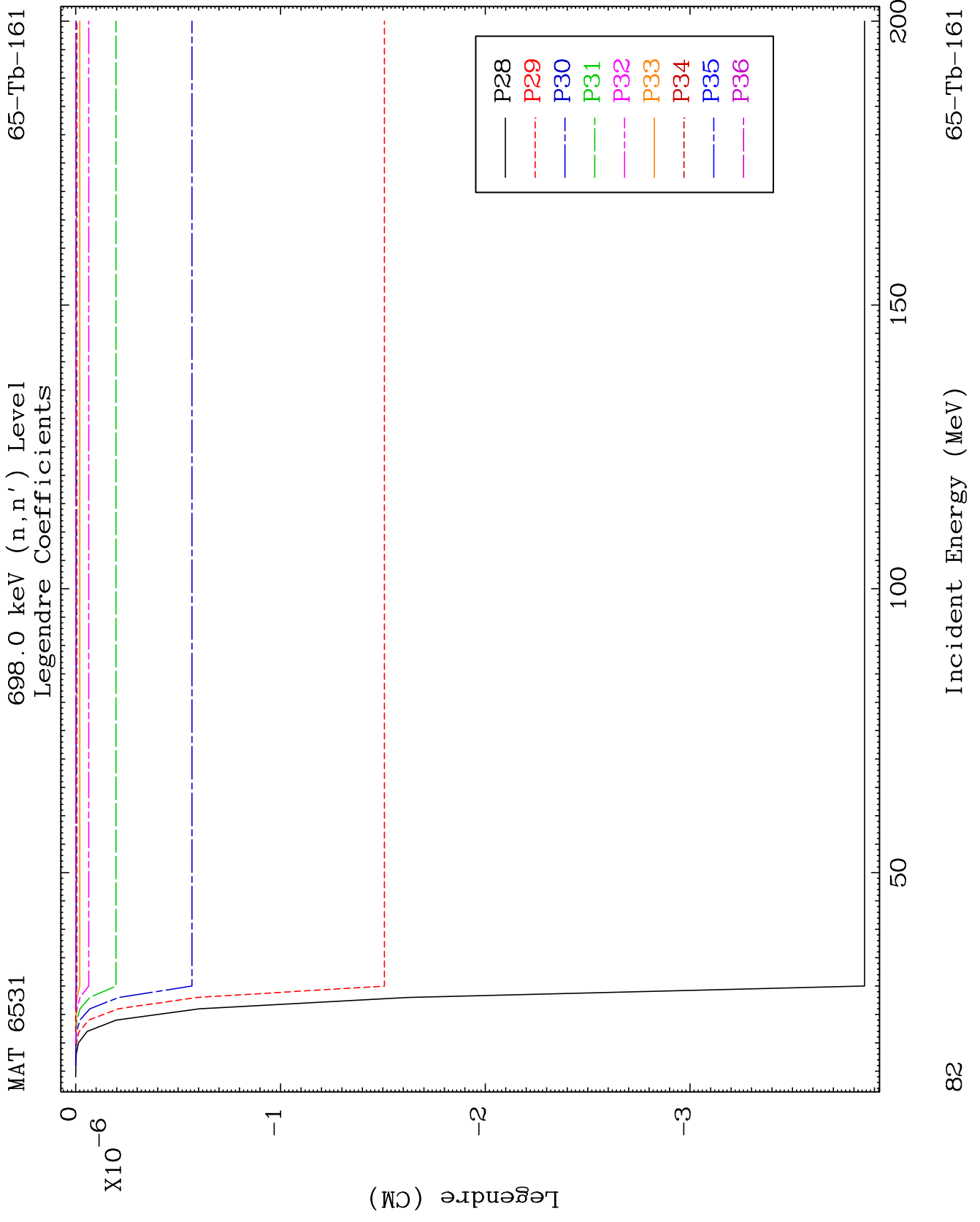
65-Tb-161

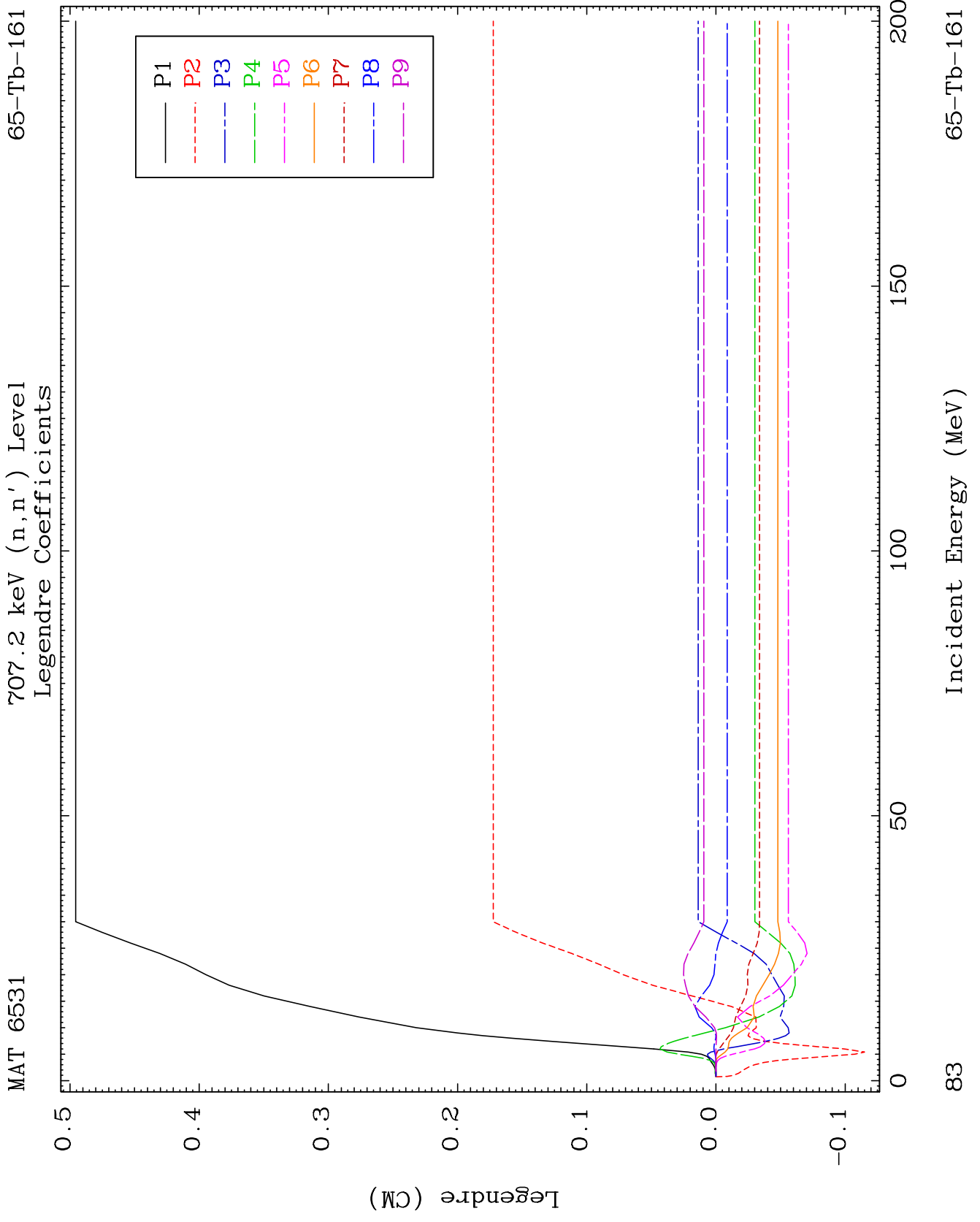


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Incident Energy (MeV)

65-Tb-161

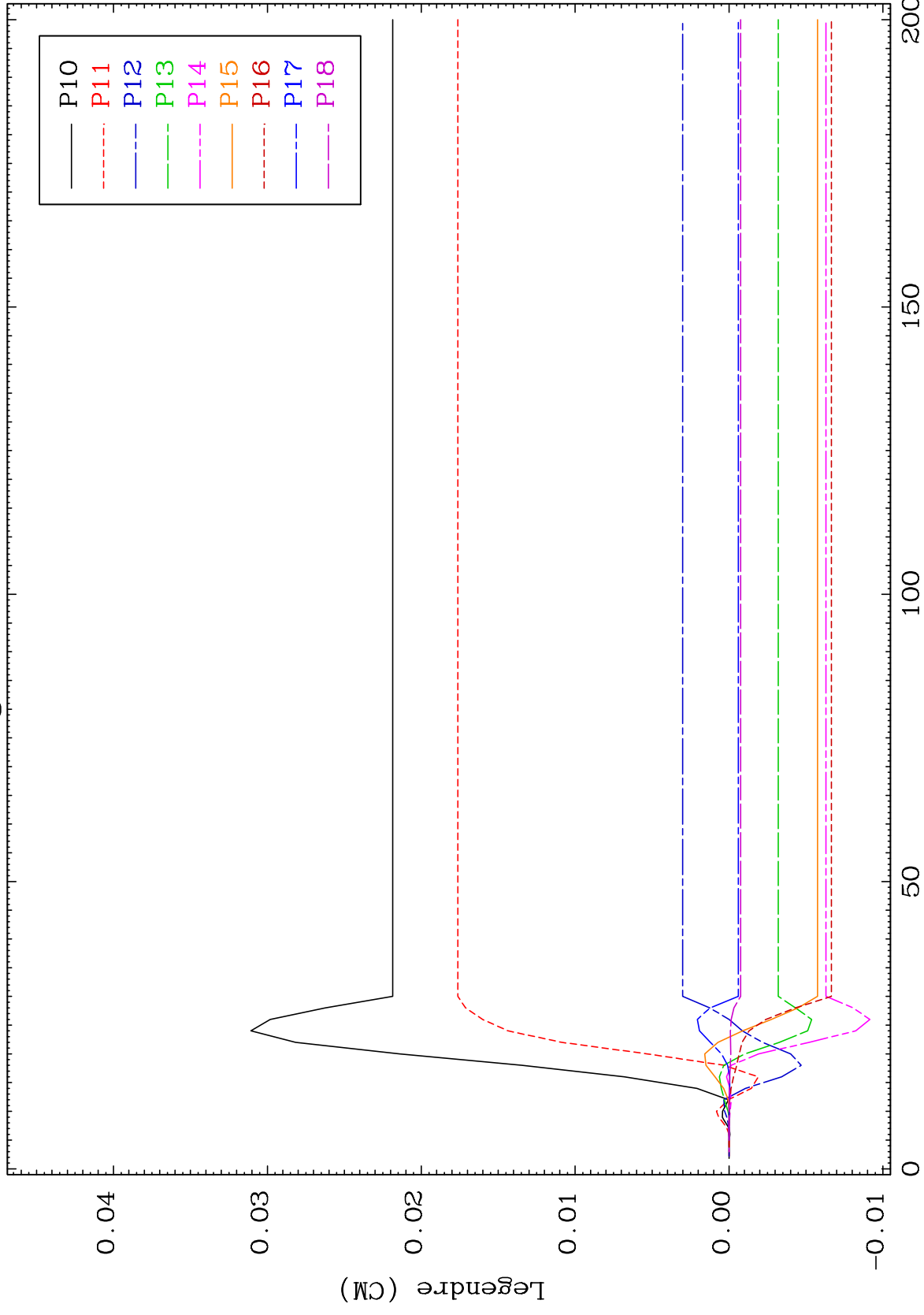




MAT 6531

707.2 keV (n,n') Level
Legendre Coefficients

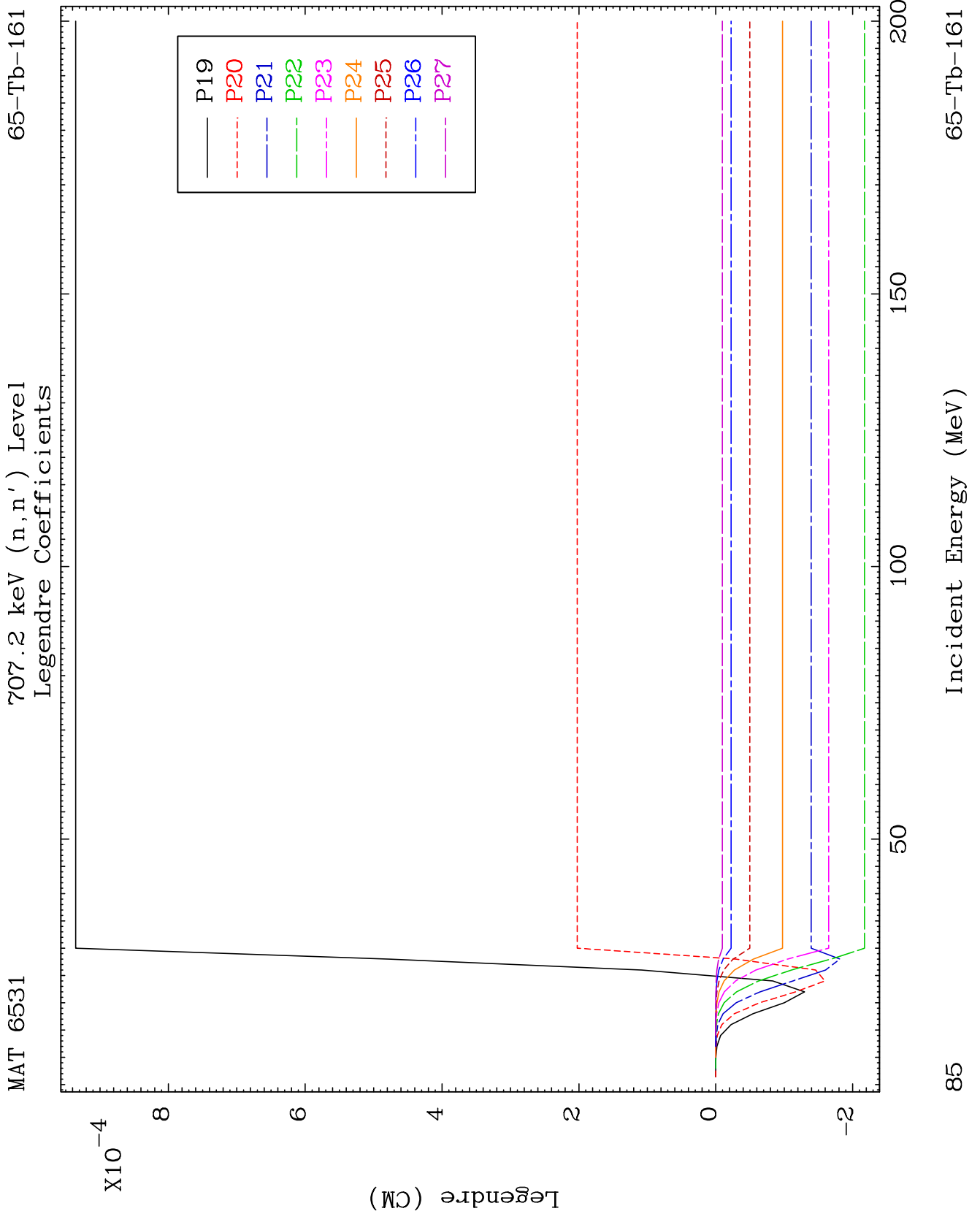
65-Tb-161

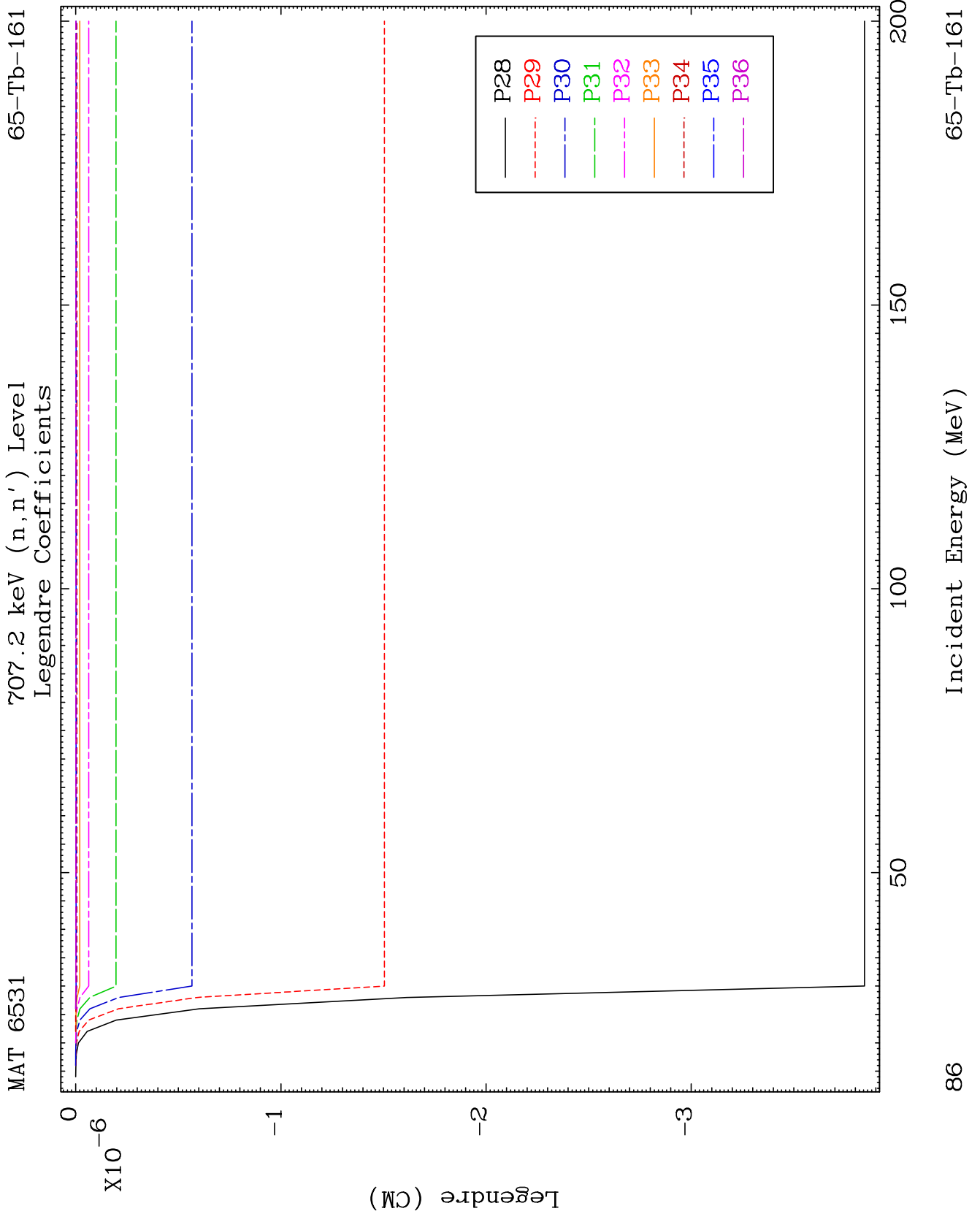


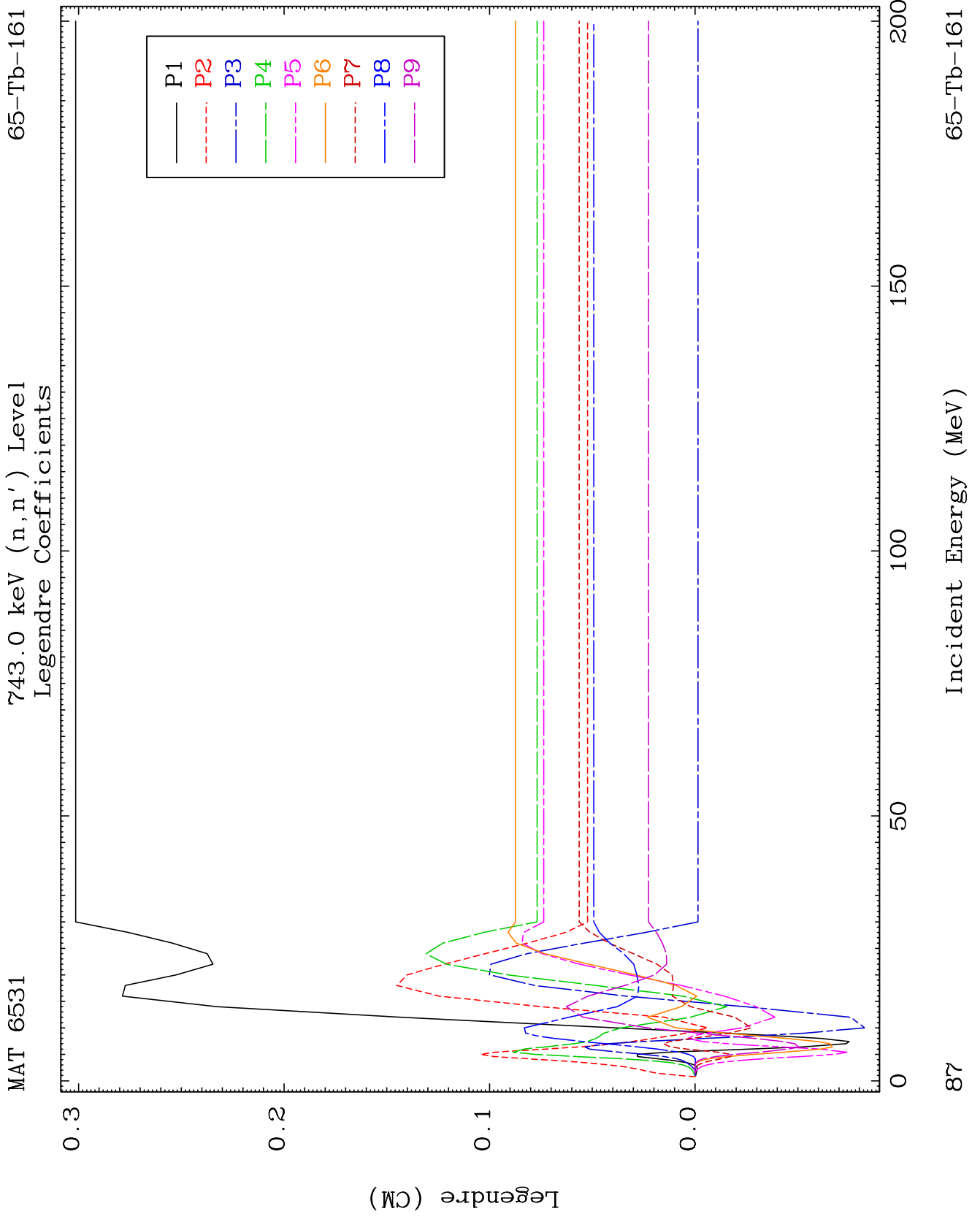
84

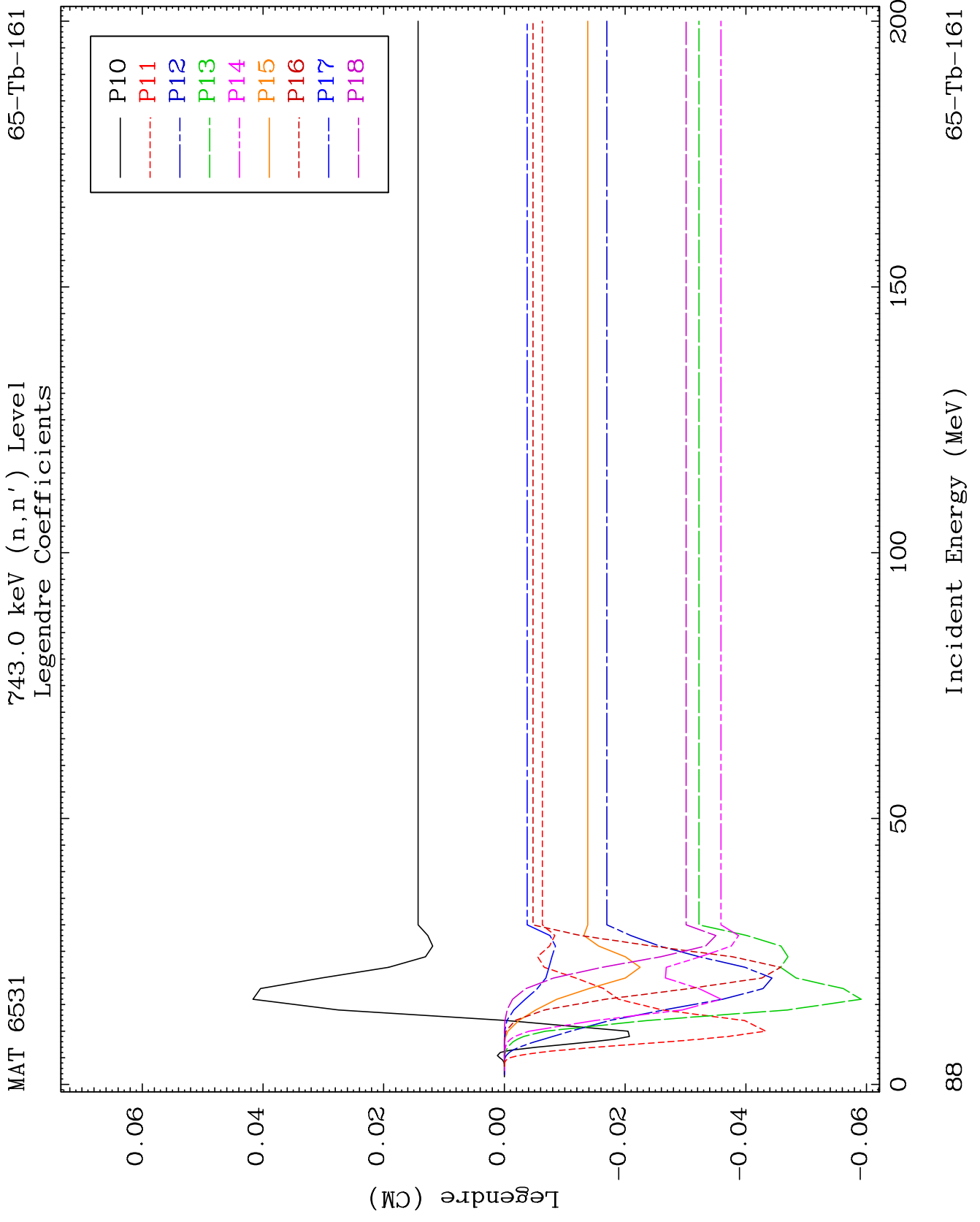
Incident Energy (MeV)

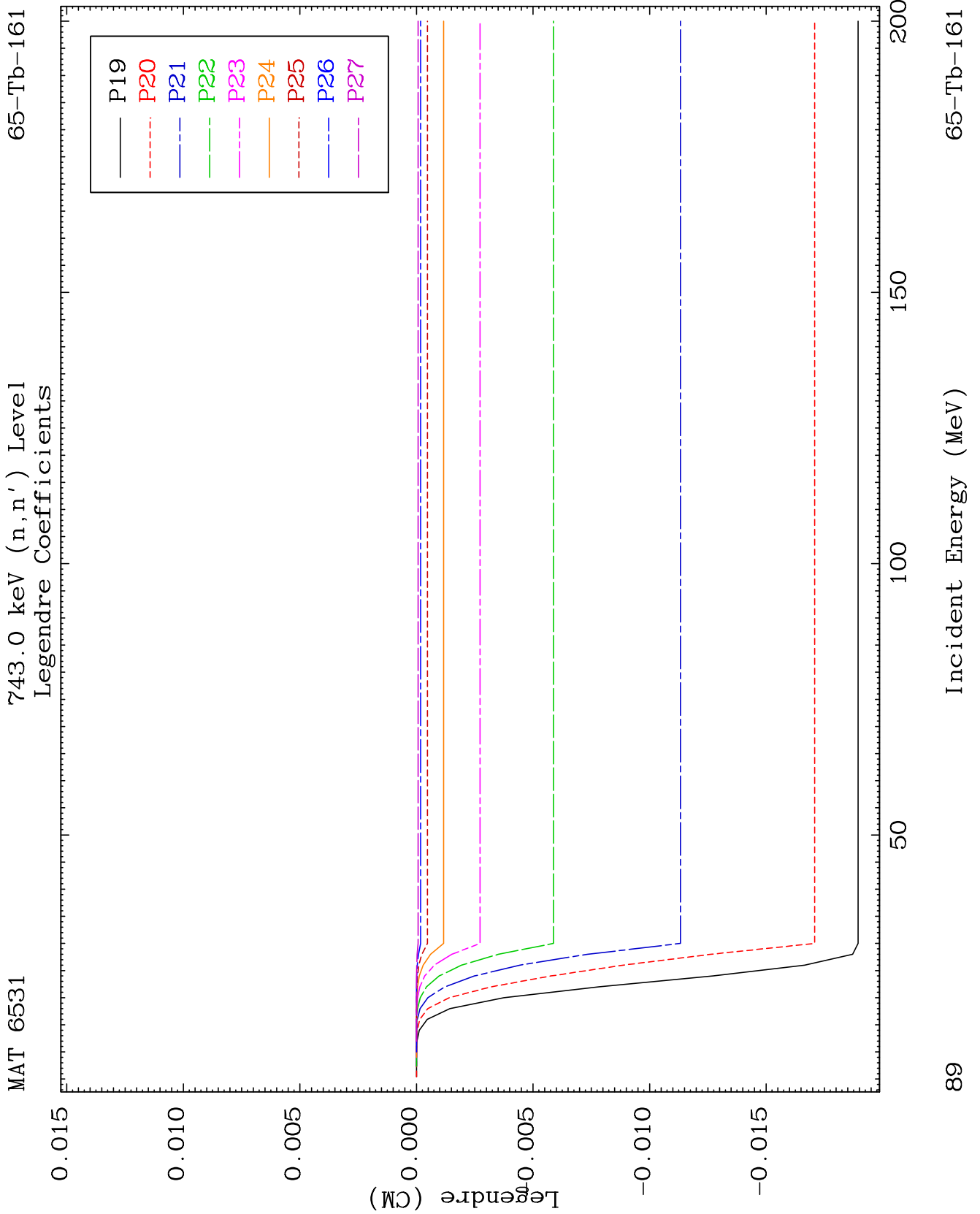
65-Tb-161

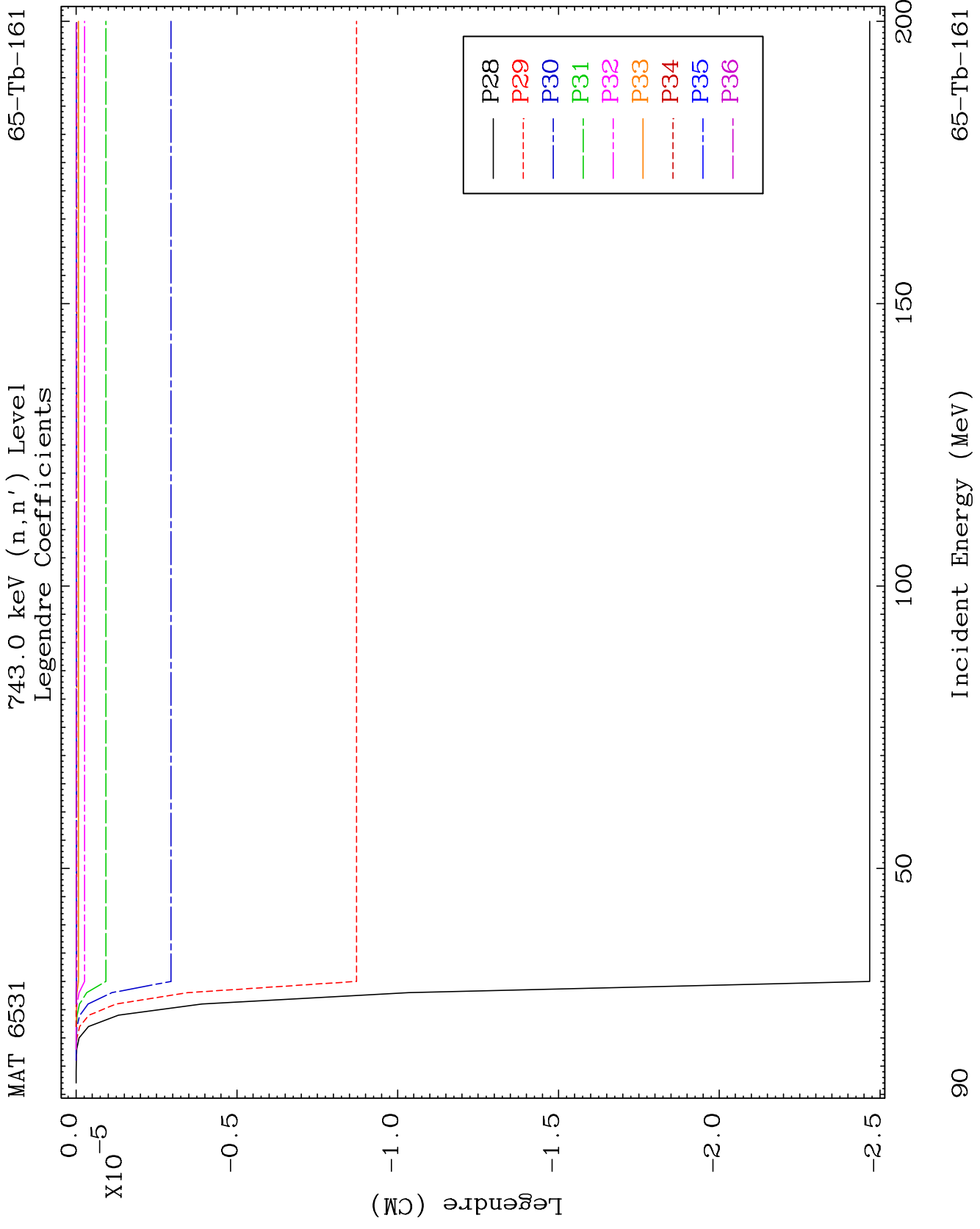


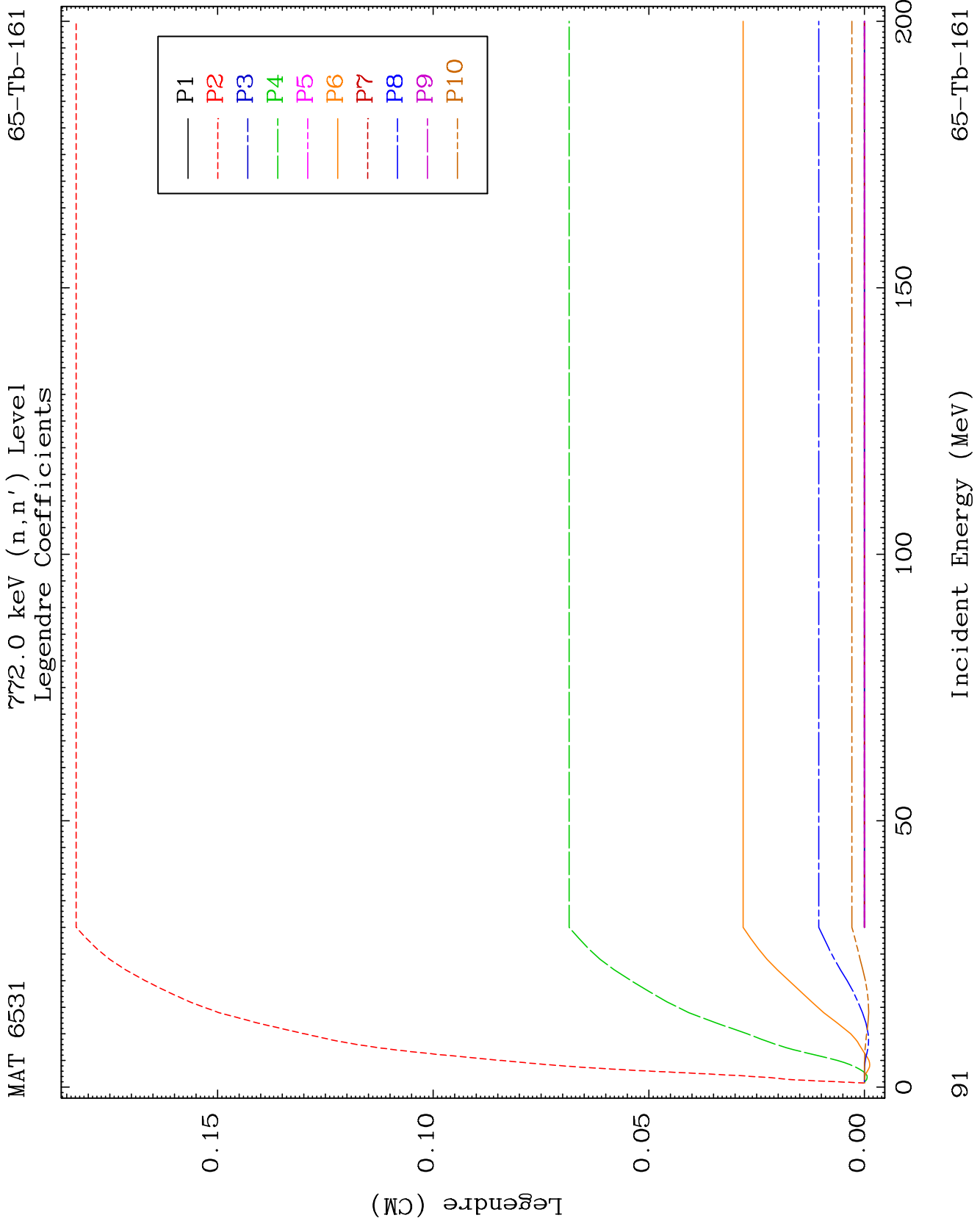








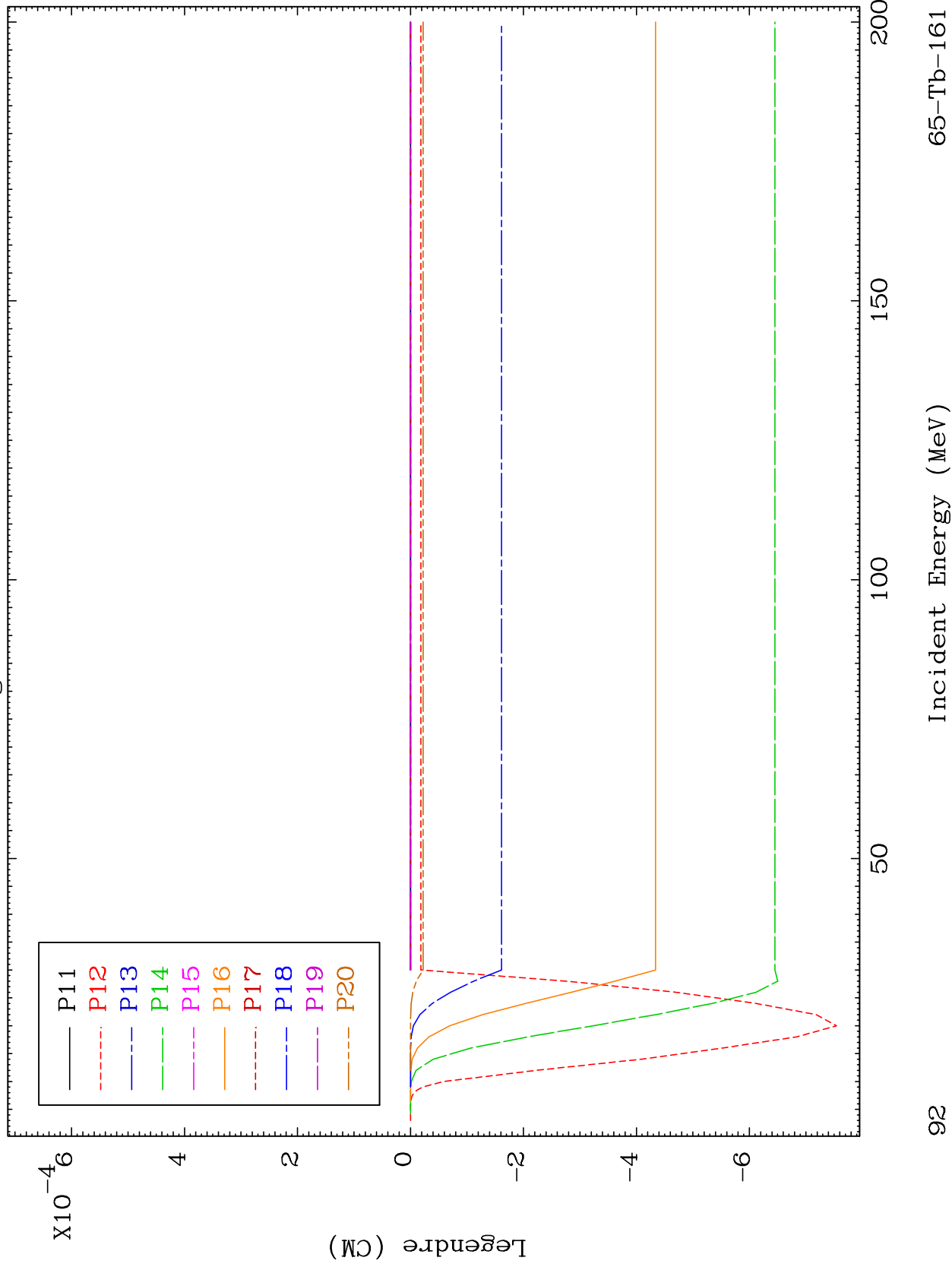


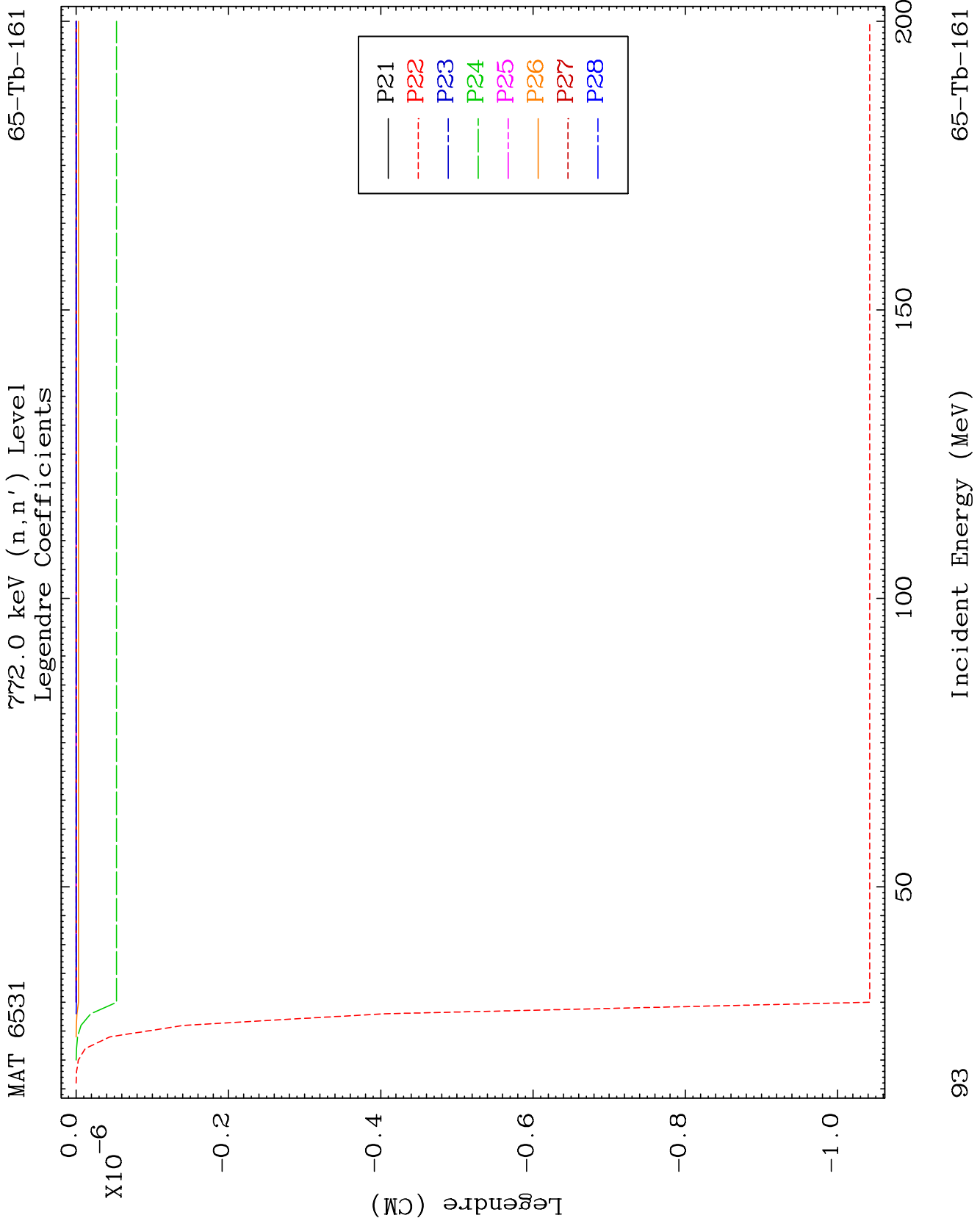


MAT 6531

772.0 keV (n,n') Level
Legendre Coefficients

65-Tb-161

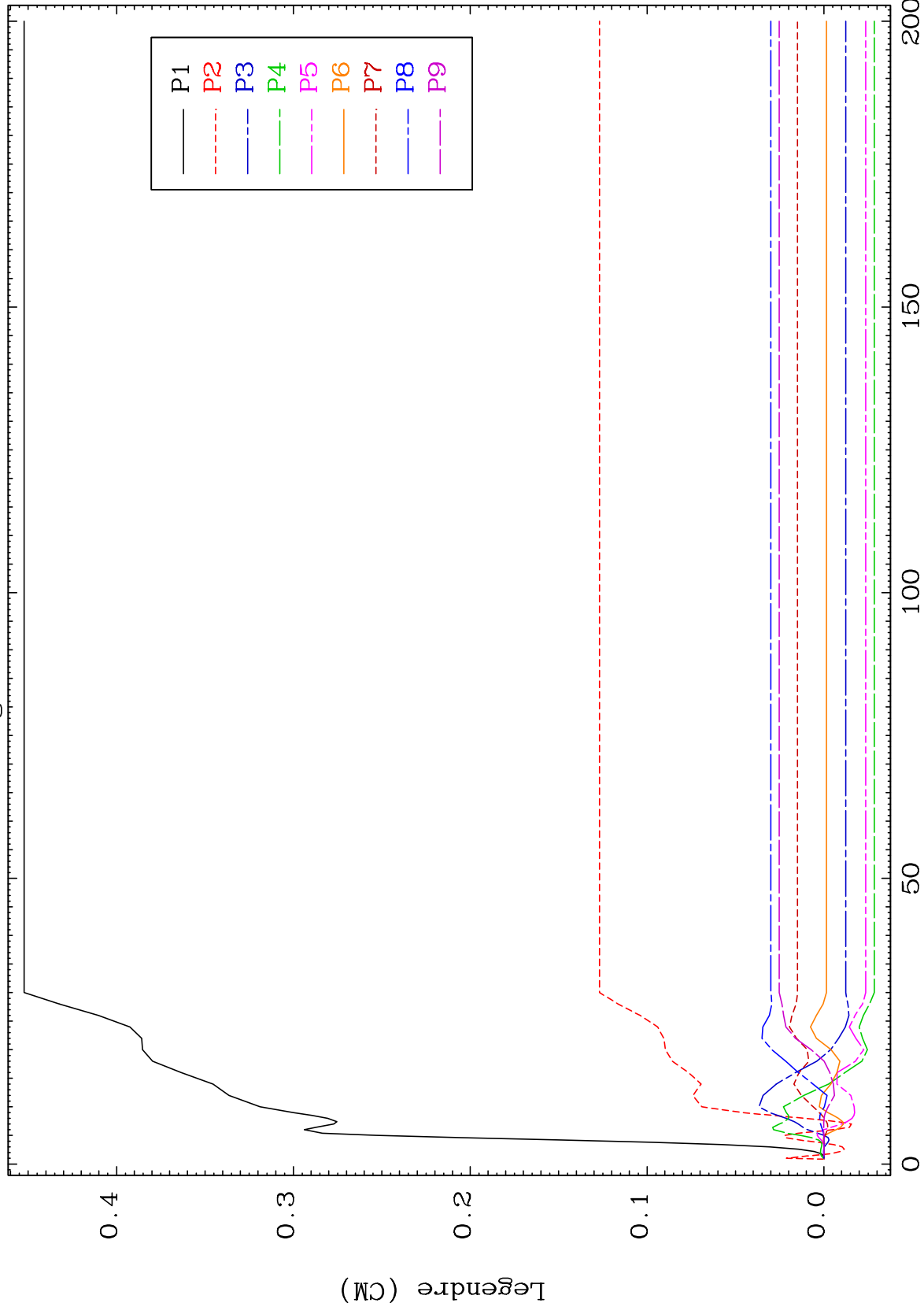




MAT 6531

847.0 keV (n,n') Level
Legendre Coefficients

65-Tb-161



94

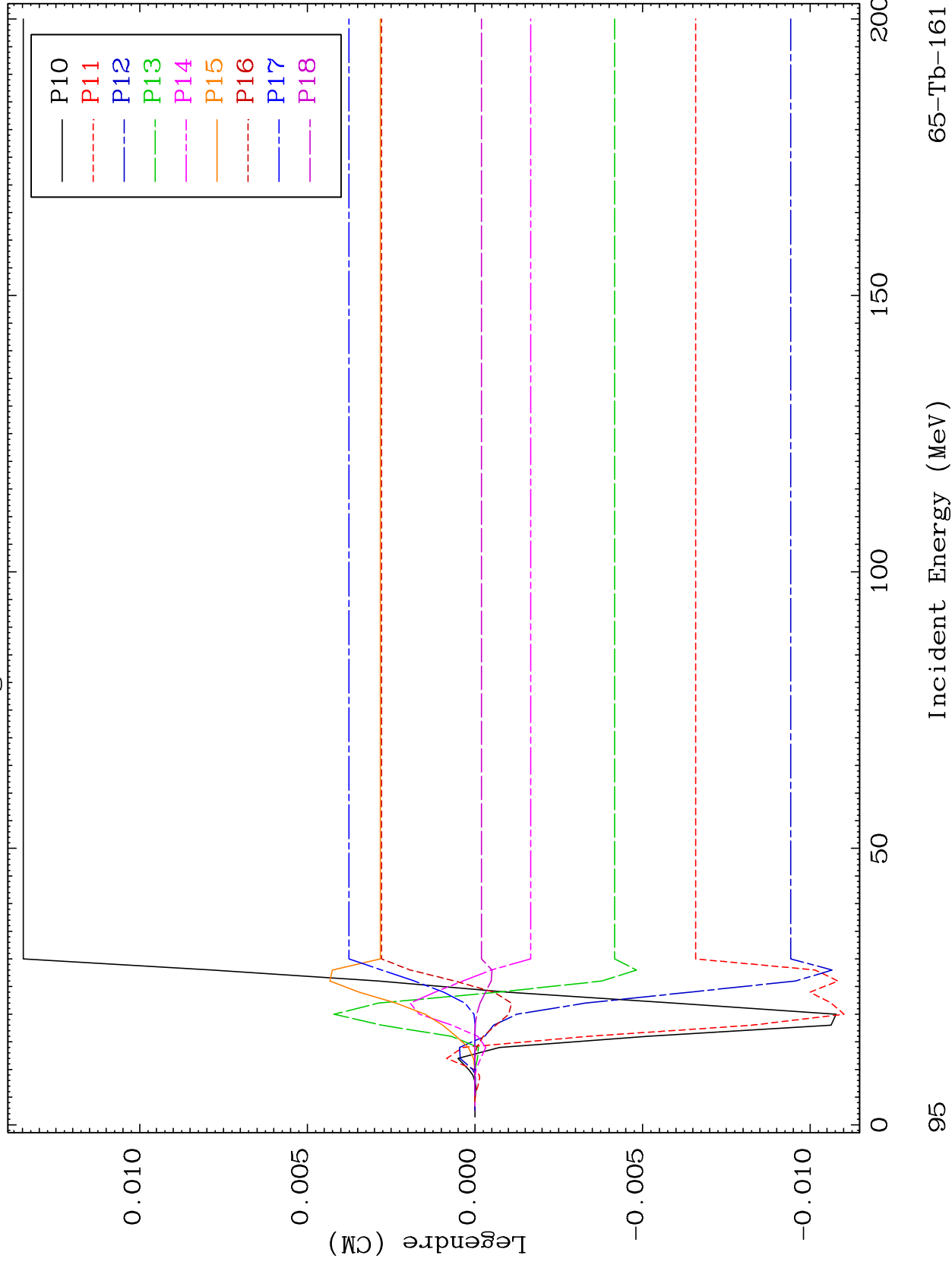
Incident Energy (MeV)

65-Tb-161

MAT 6531

847.0 keV (n,n') Level
Legendre Coefficients

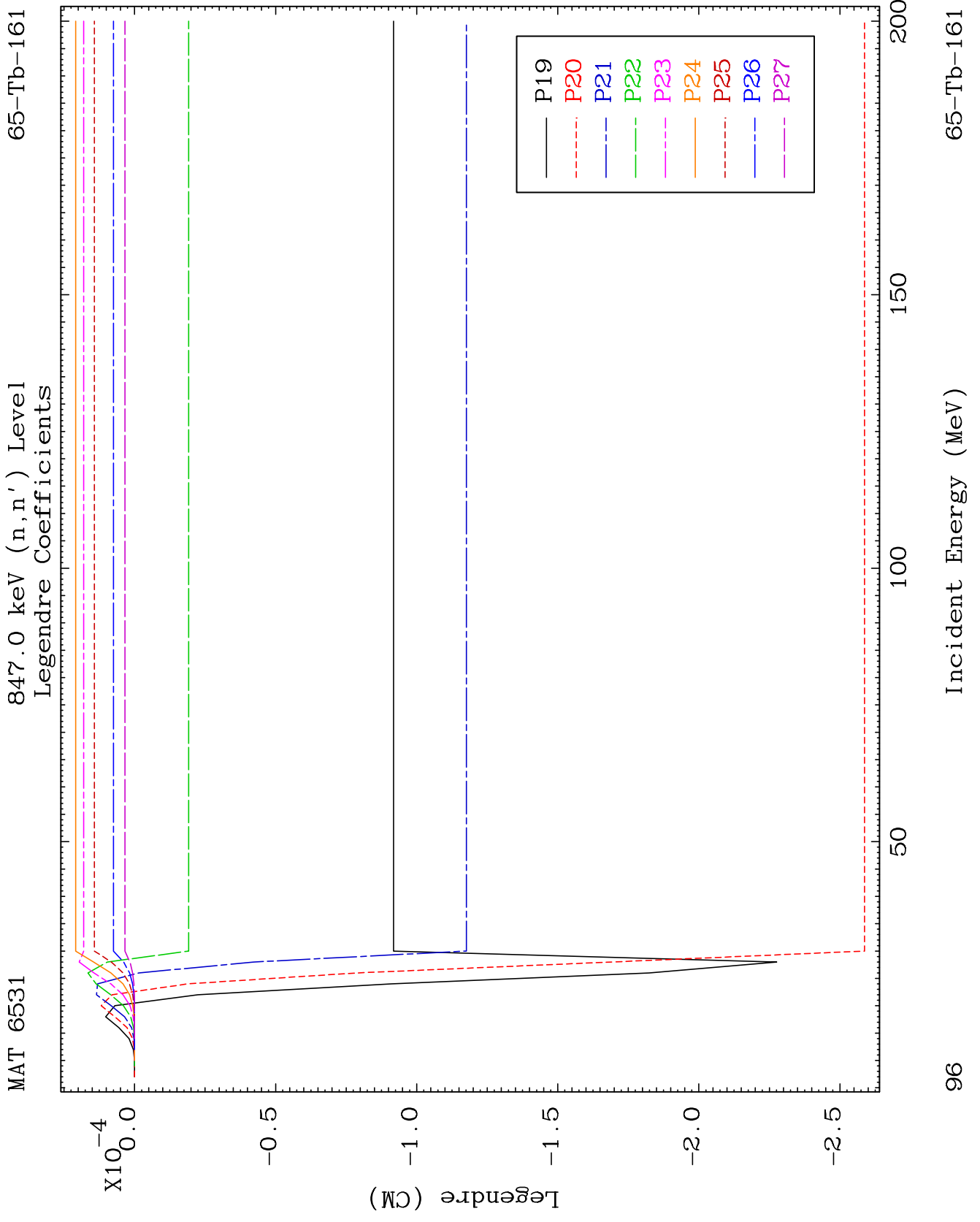
65-Tb-161

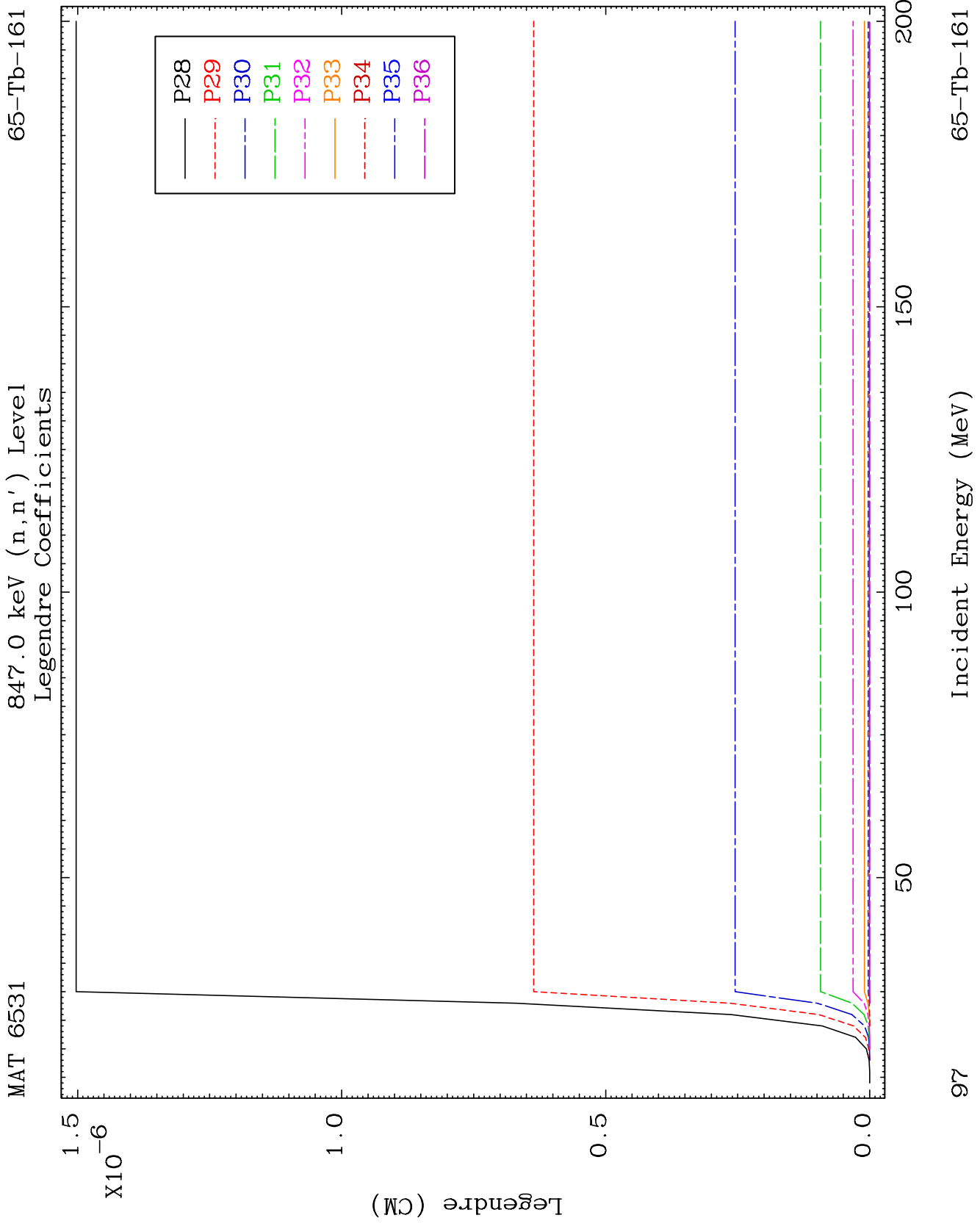


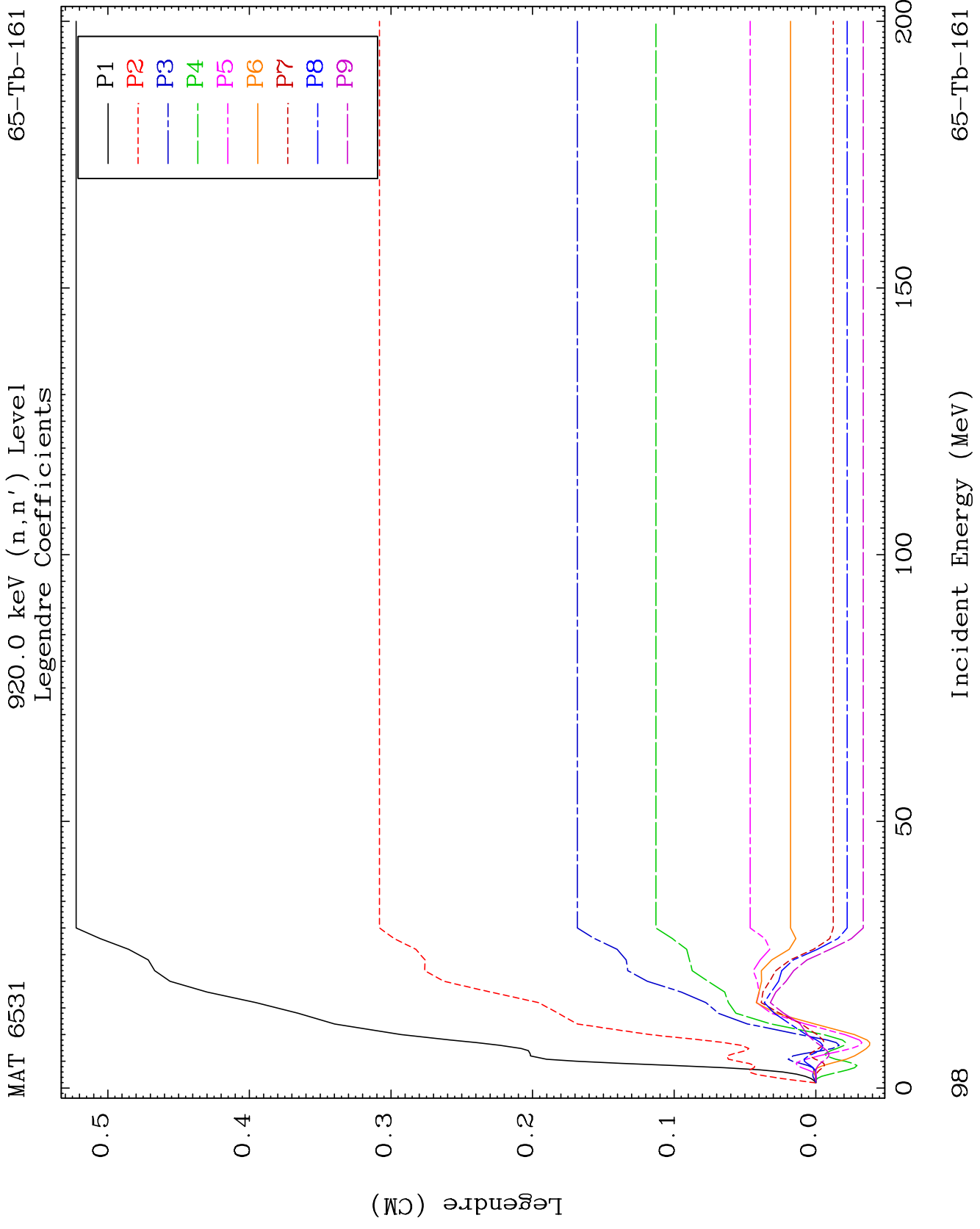
65-Tb-161

Incident Energy (MeV)

95



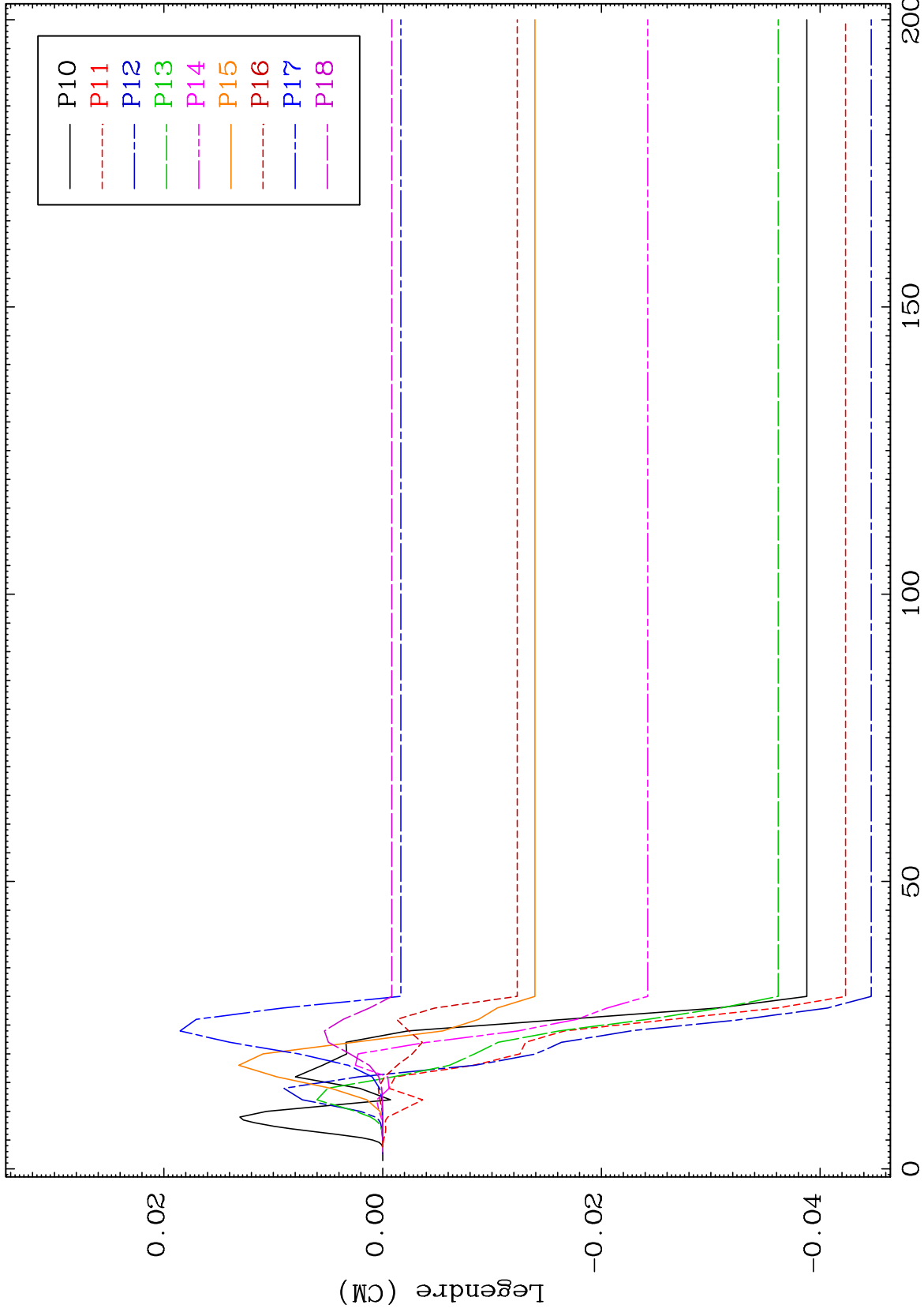




MAT 6531

920.0 keV (n,n') Level
Legendre Coefficients

65-Tb-161



99

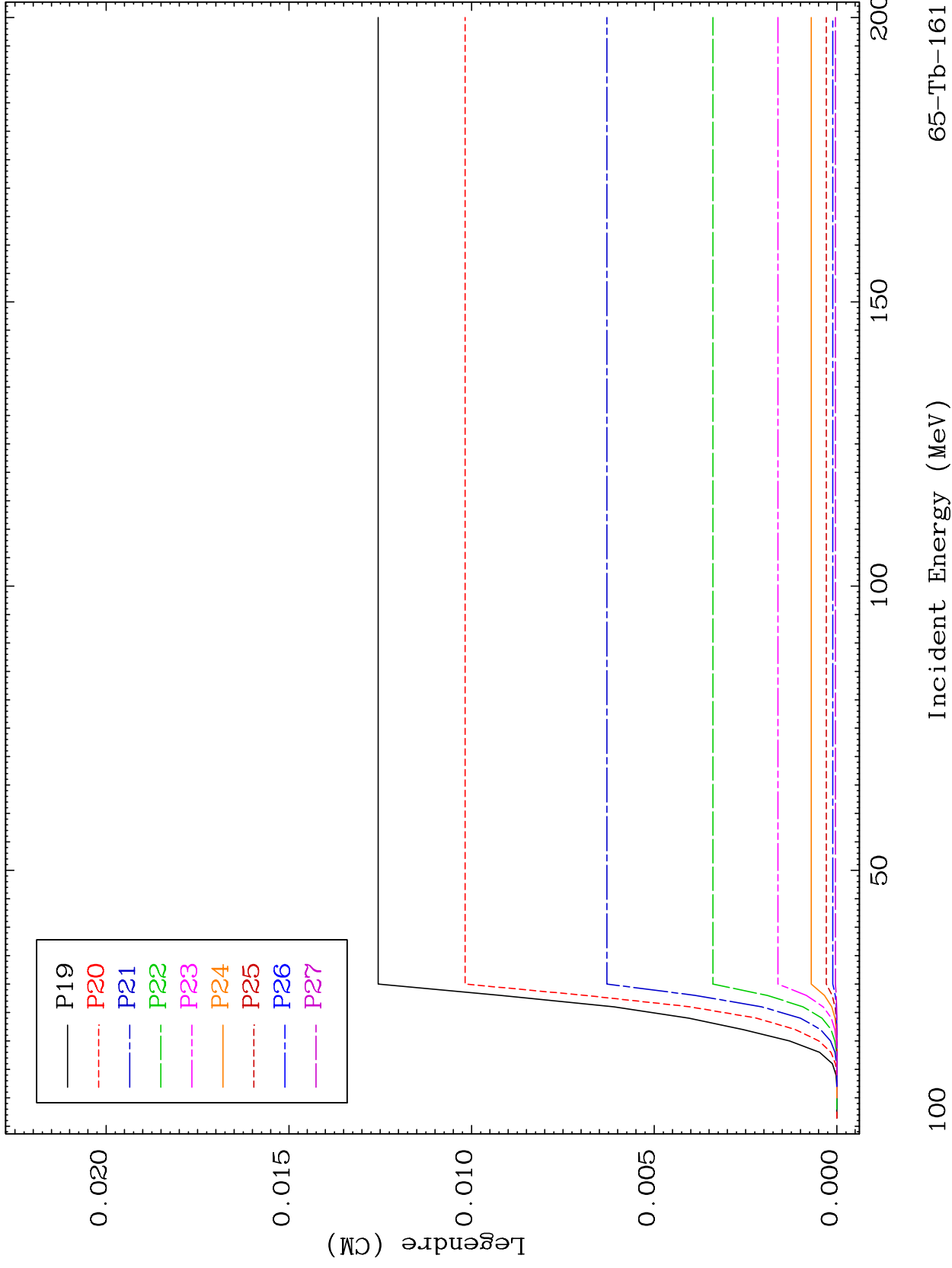
Incident Energy (MeV)

65-Tb-161

MAT 6531

920.0 keV (n,n') Level
Legendre Coefficients

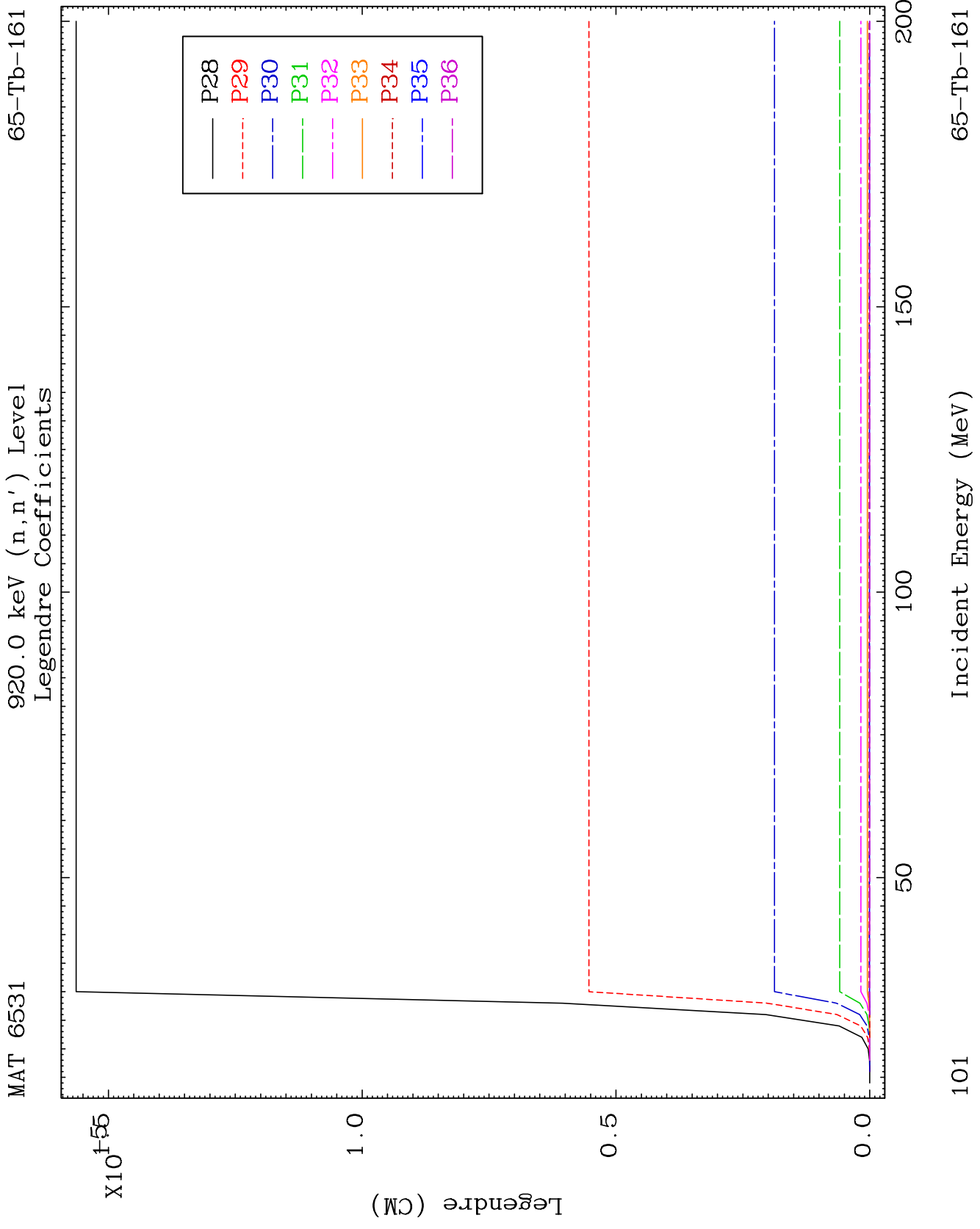
65-Tb-161

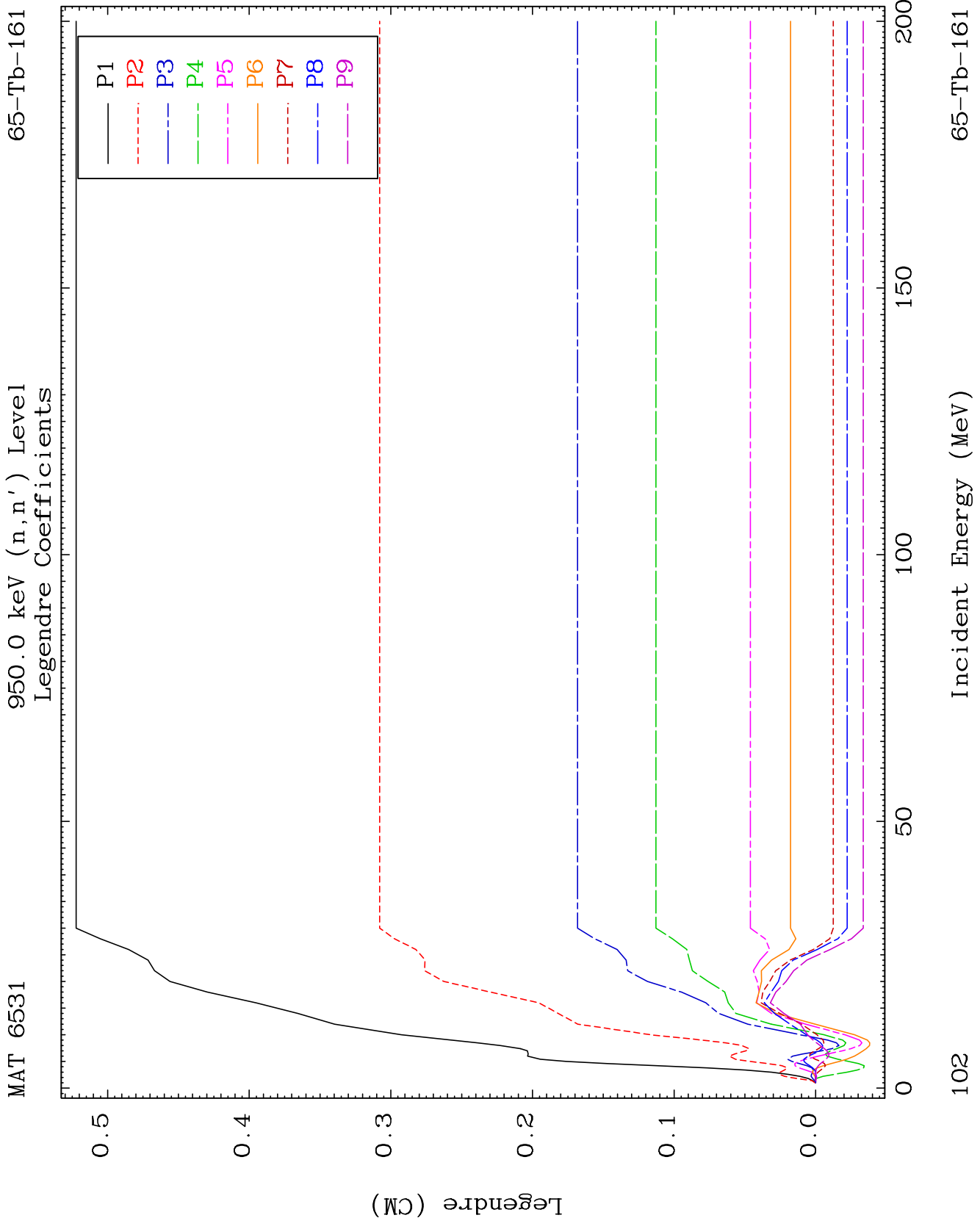


65-Tb-161

Incident Energy (MeV)

100

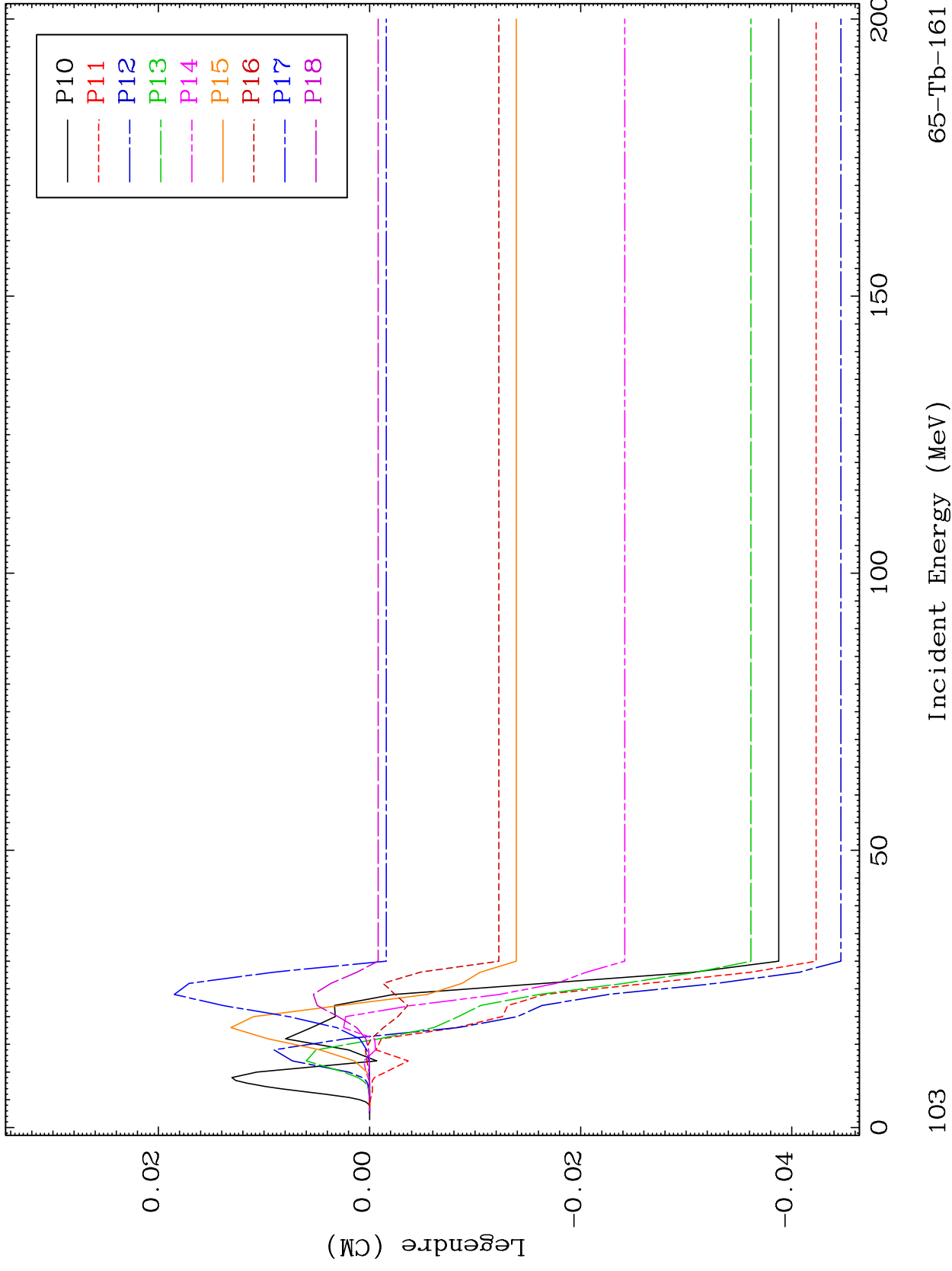




MAT 6531

950.0 keV (n,n') Level
Legendre Coefficients

65-Tb-161



103

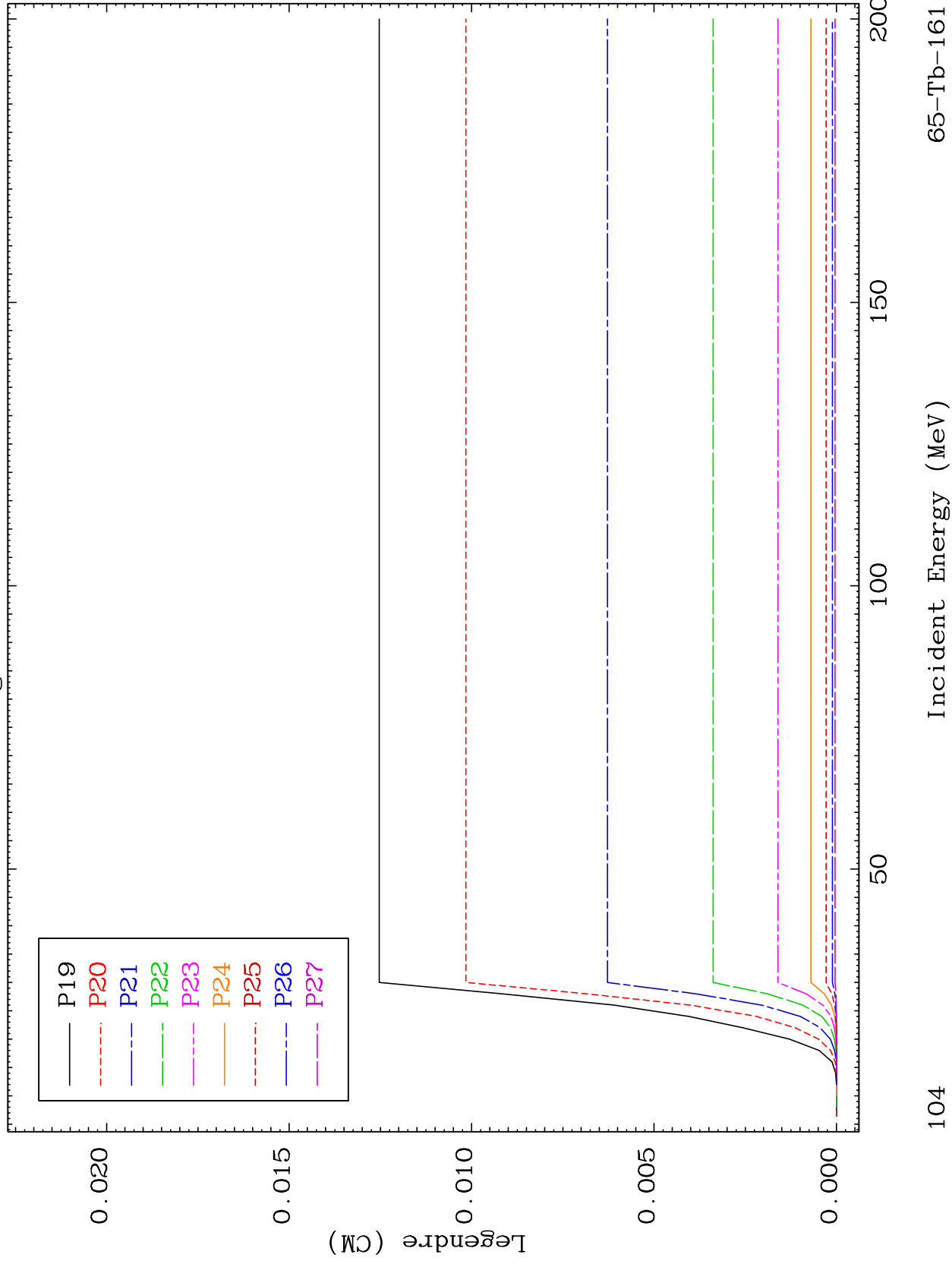
Incident Energy (MeV)

65-Tb-161

MAT 6531

950.0 keV (n,n') Level
Legendre Coefficients

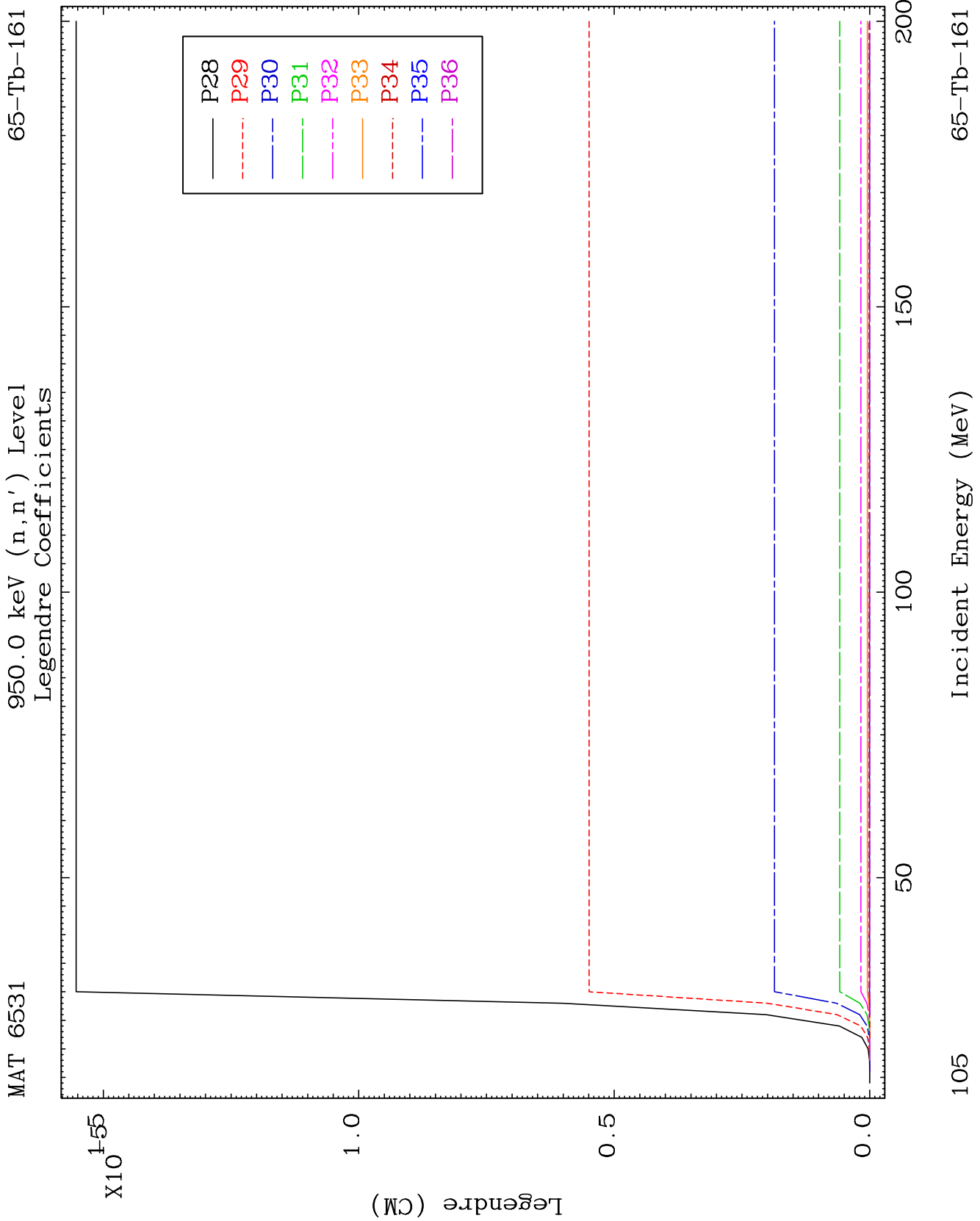
65-Tb-161

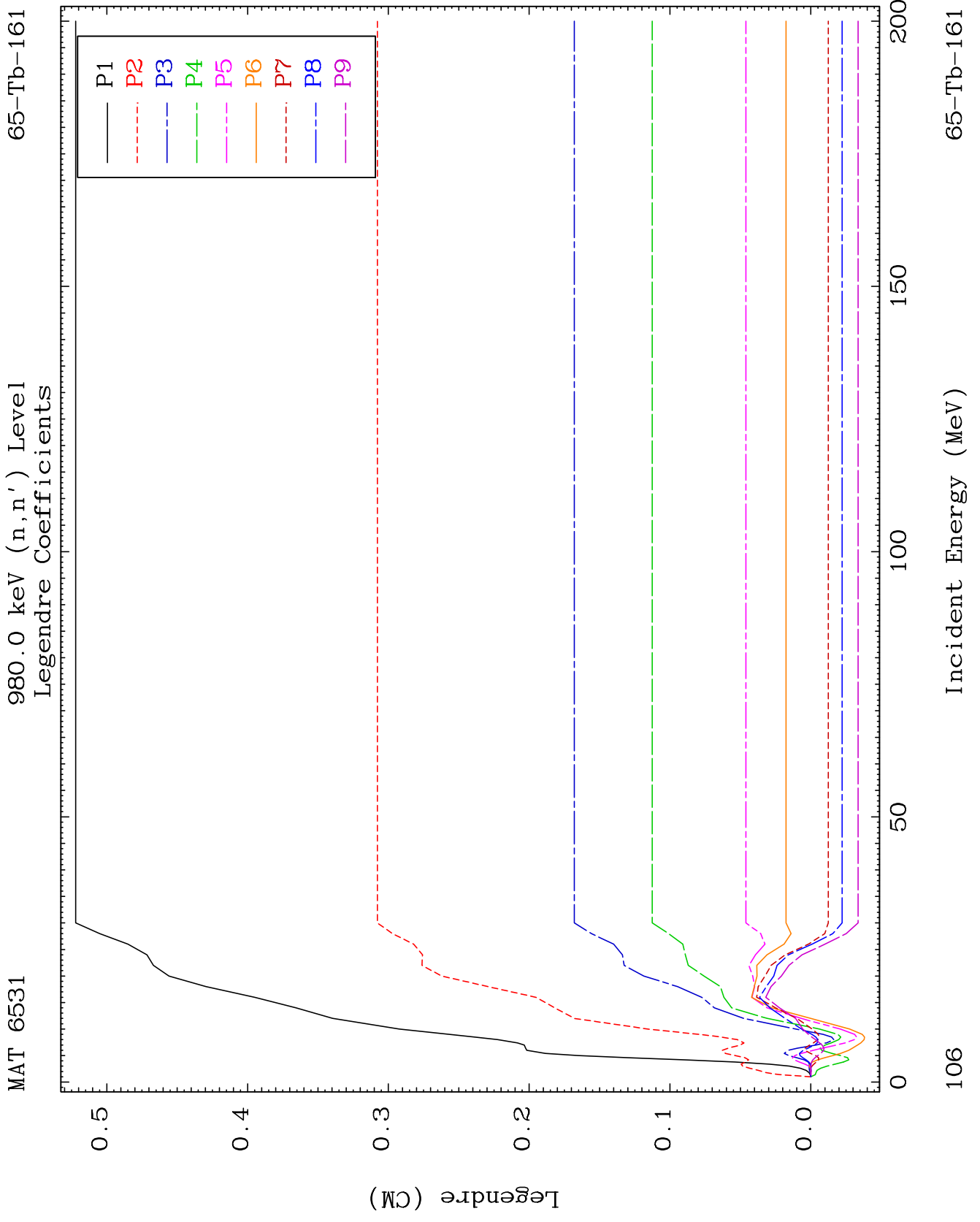


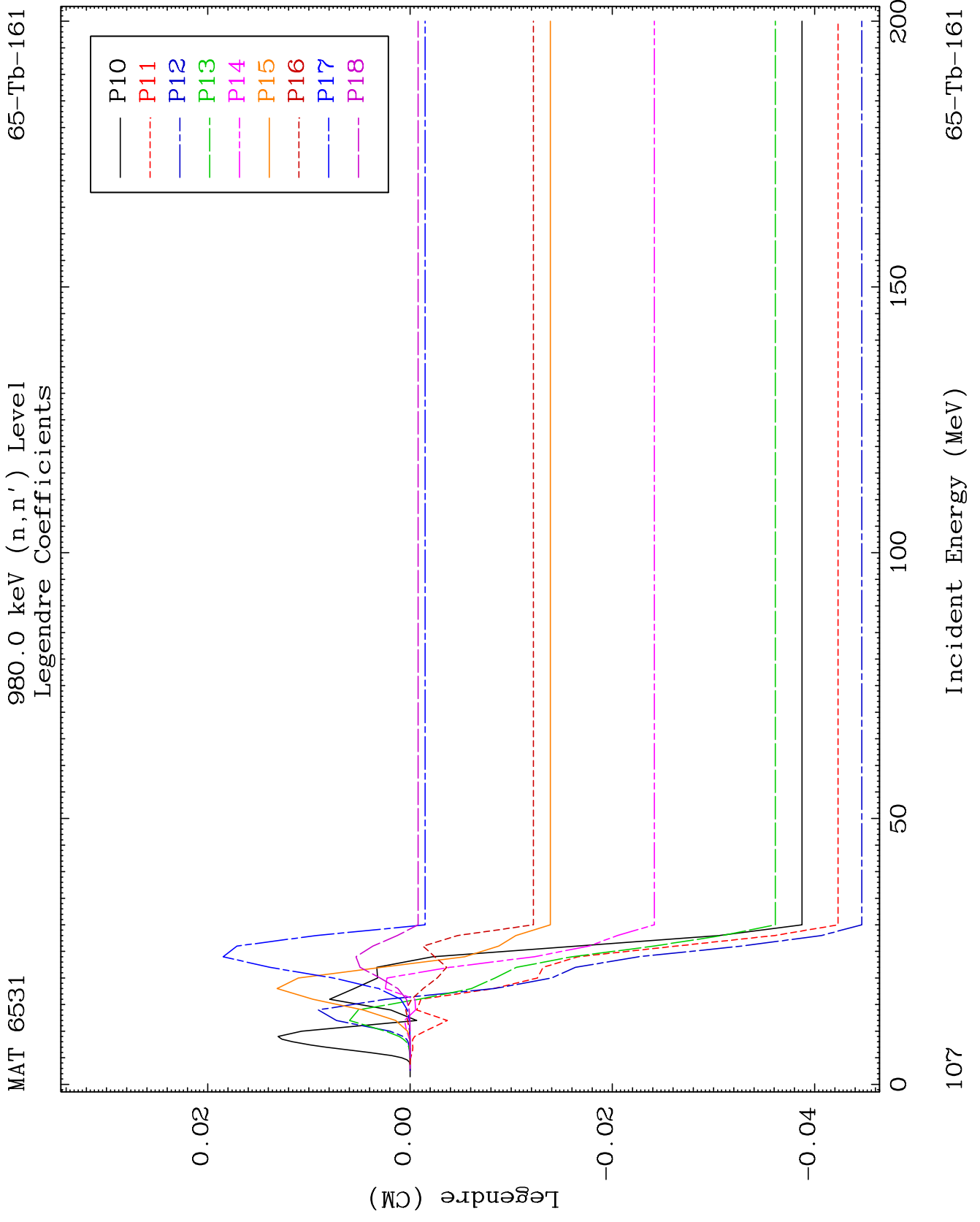
104

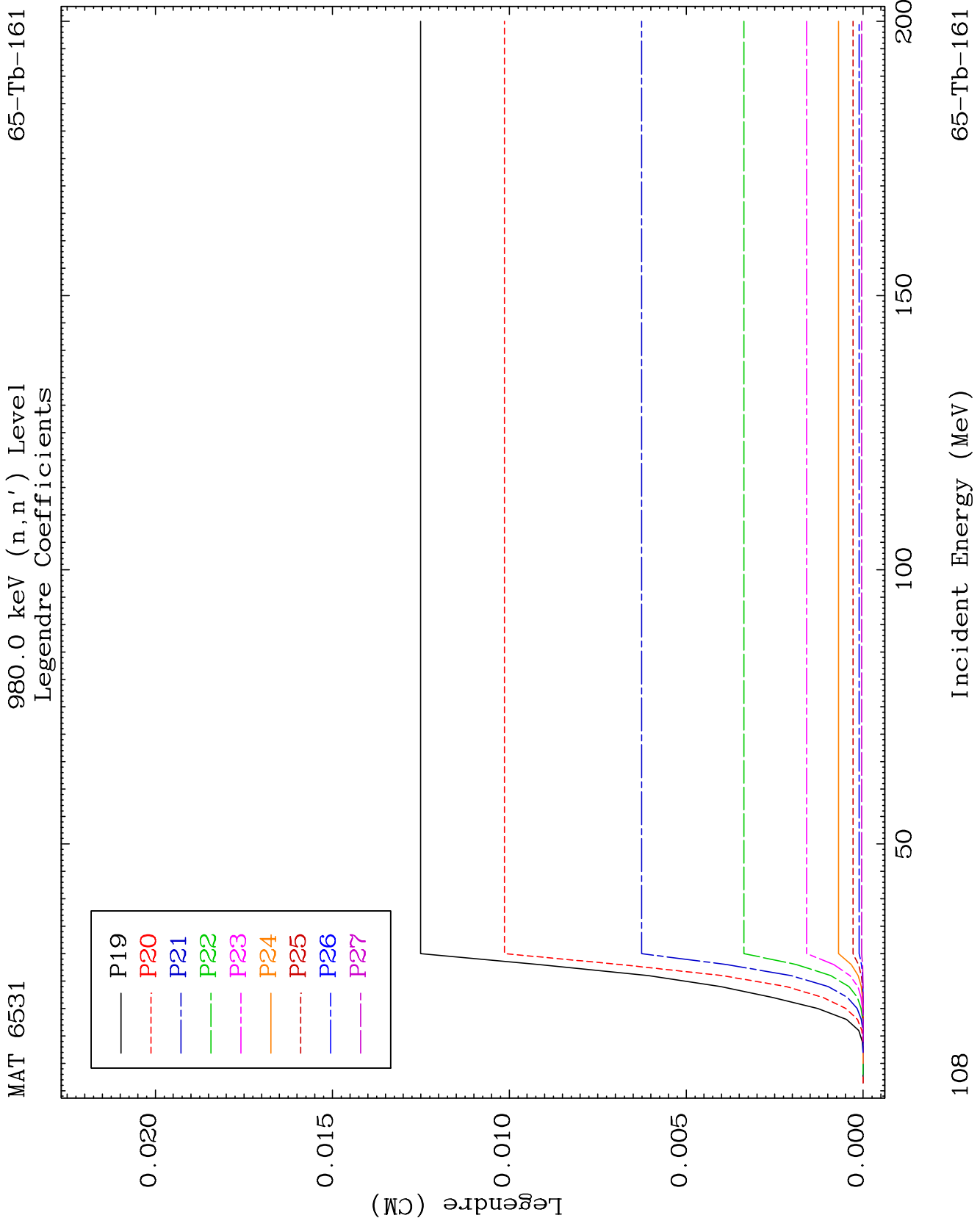
Incident Energy (MeV)

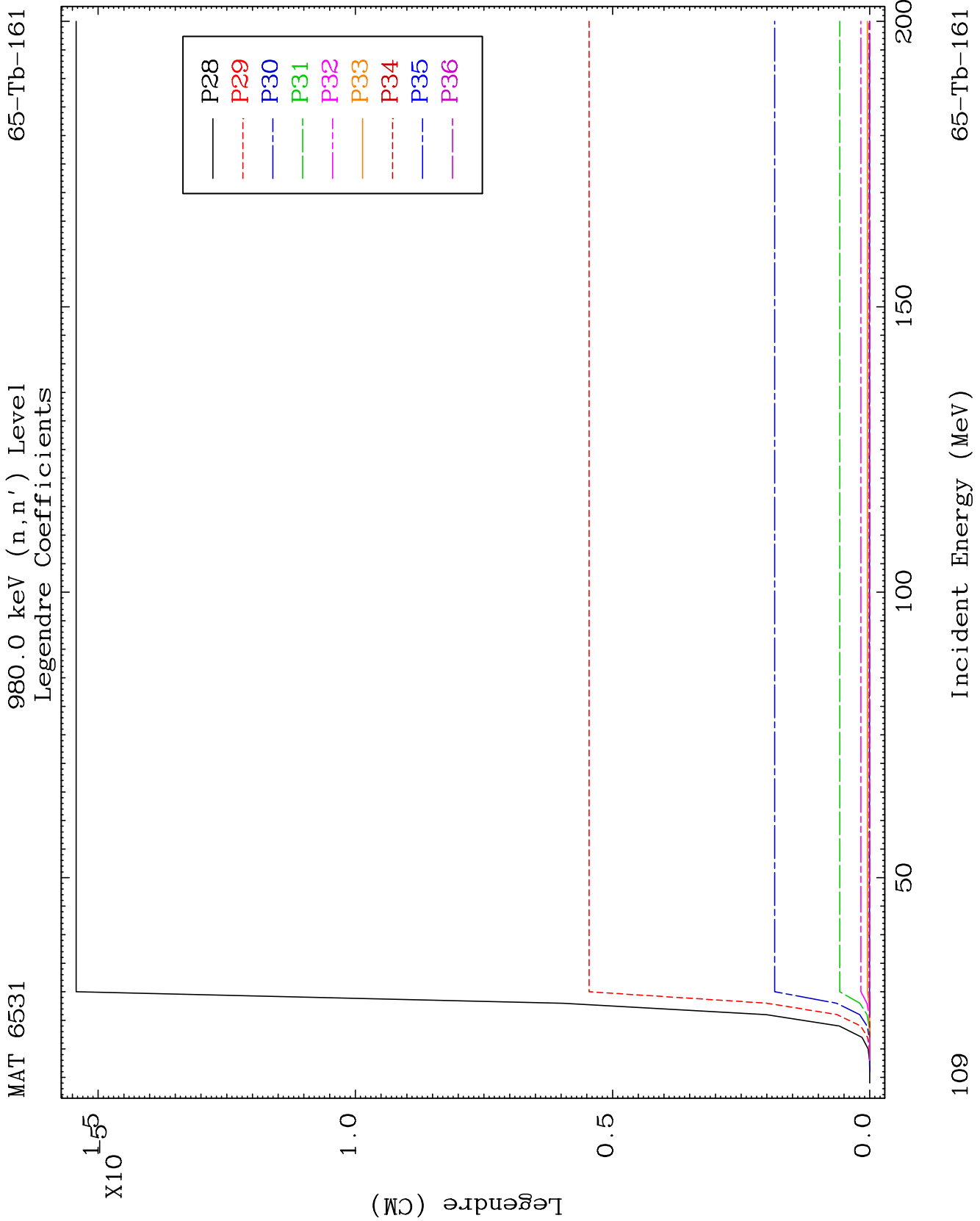
65-Tb-161







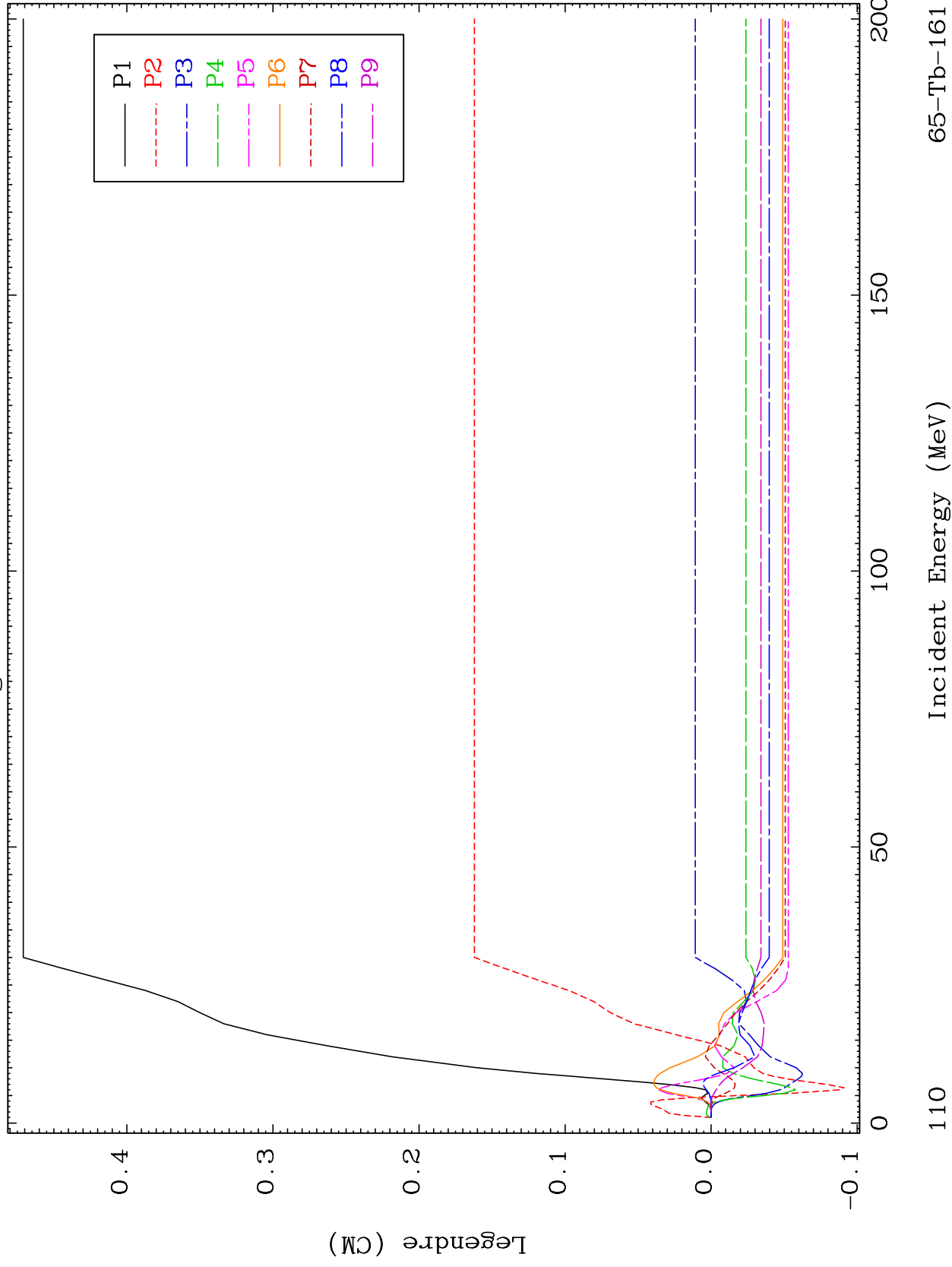




MAT 6531

997.0 keV (n,n') Level
Legendre Coefficients

65-Tb-161



65-Tb-161

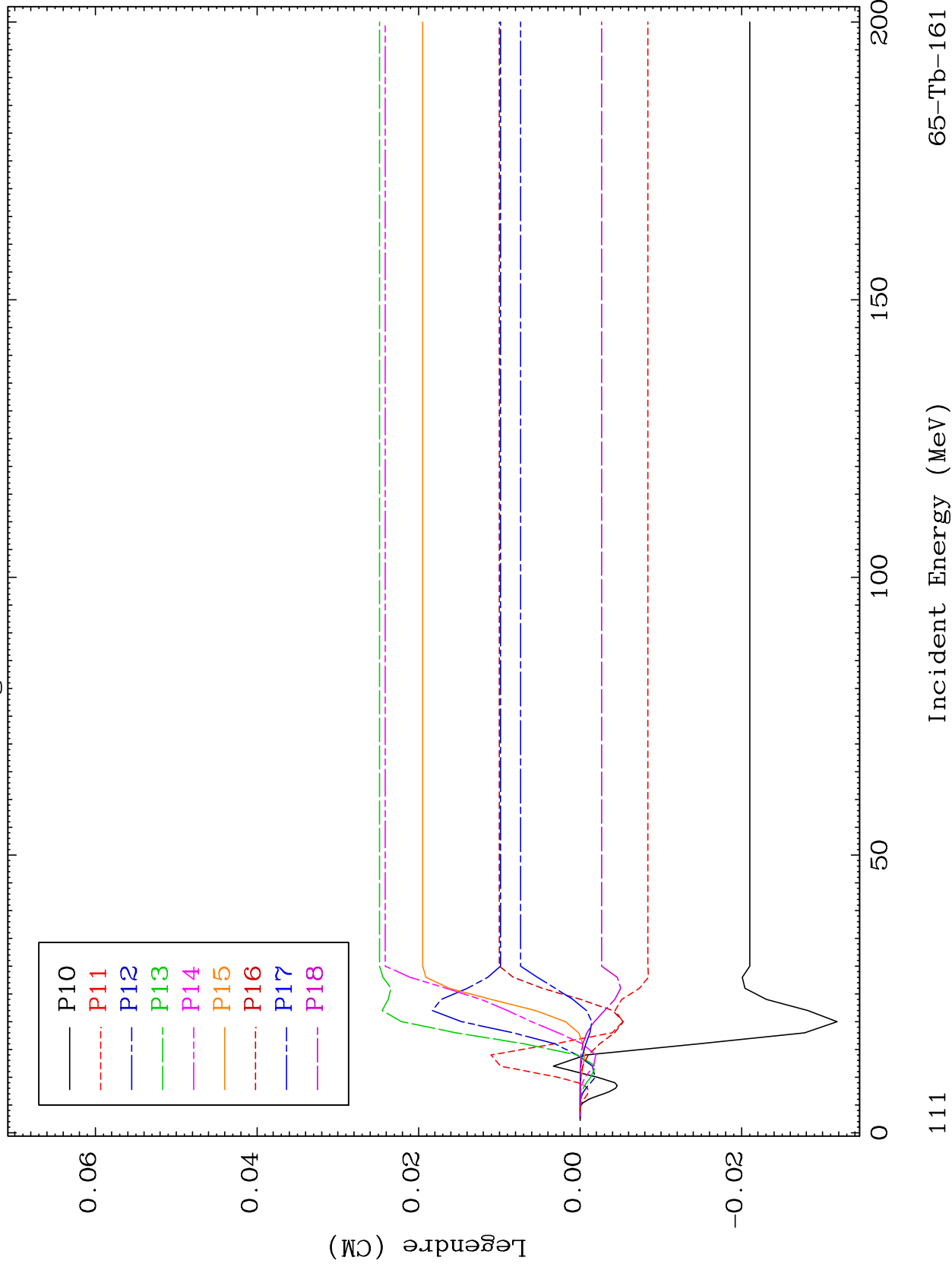
Incident Energy (MeV)

110

MAT 6531

997.0 keV (n,n') Level
Legendre Coefficients

65-Tb-161



111

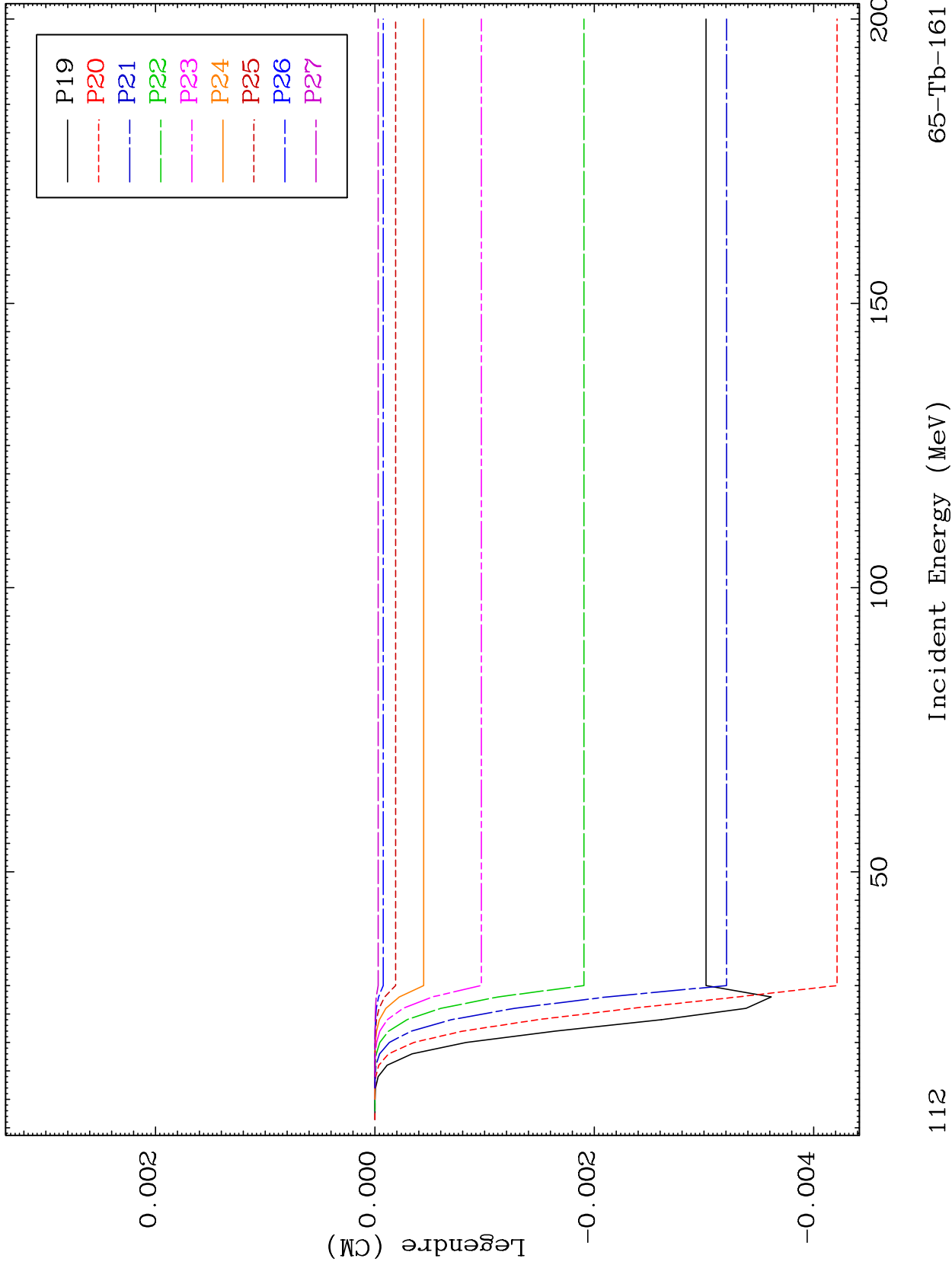
Incident Energy (MeV)

65-Tb-161

MAT 6531

997.0 keV (n,n') Level
Legendre Coefficients

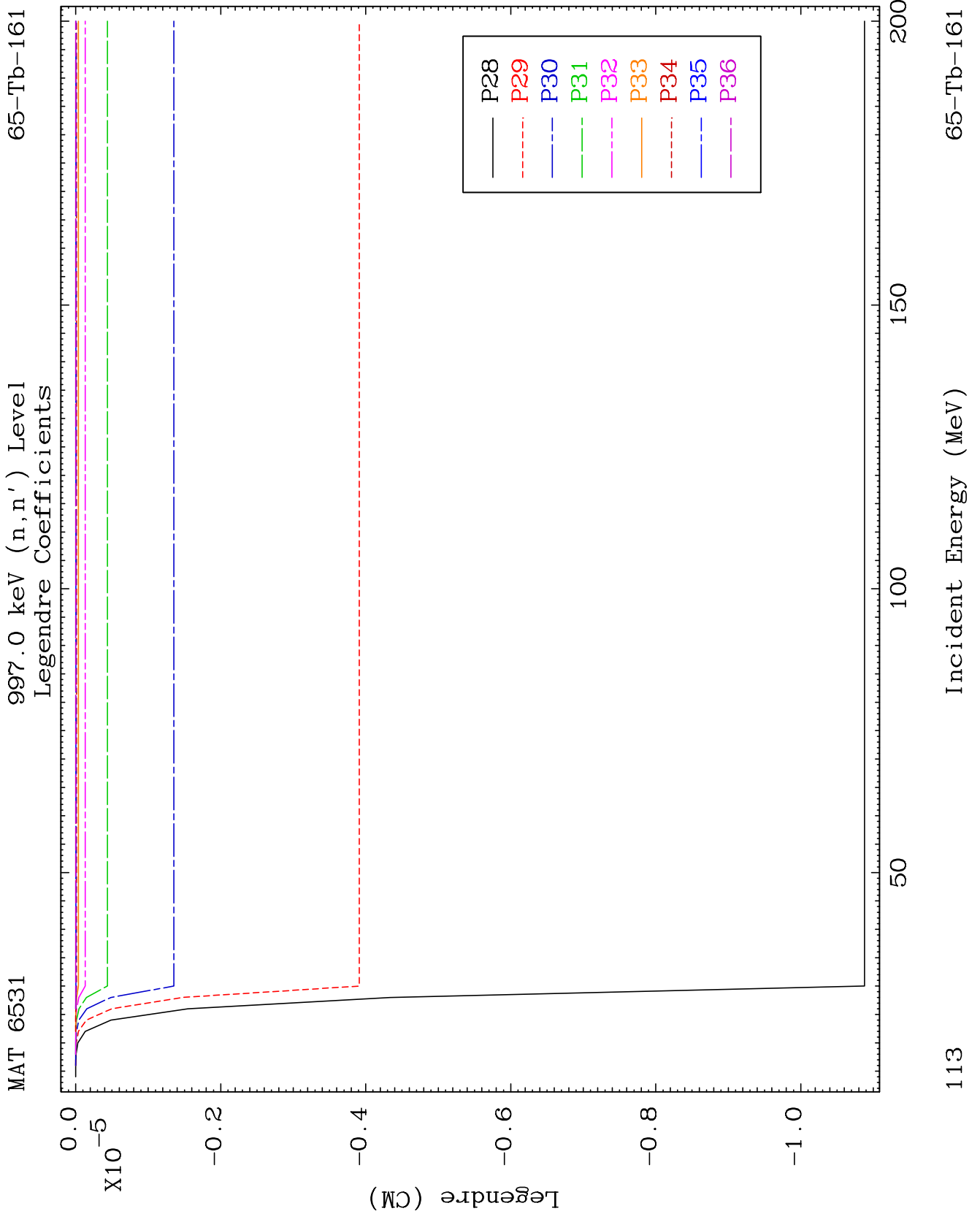
65-Tb-161

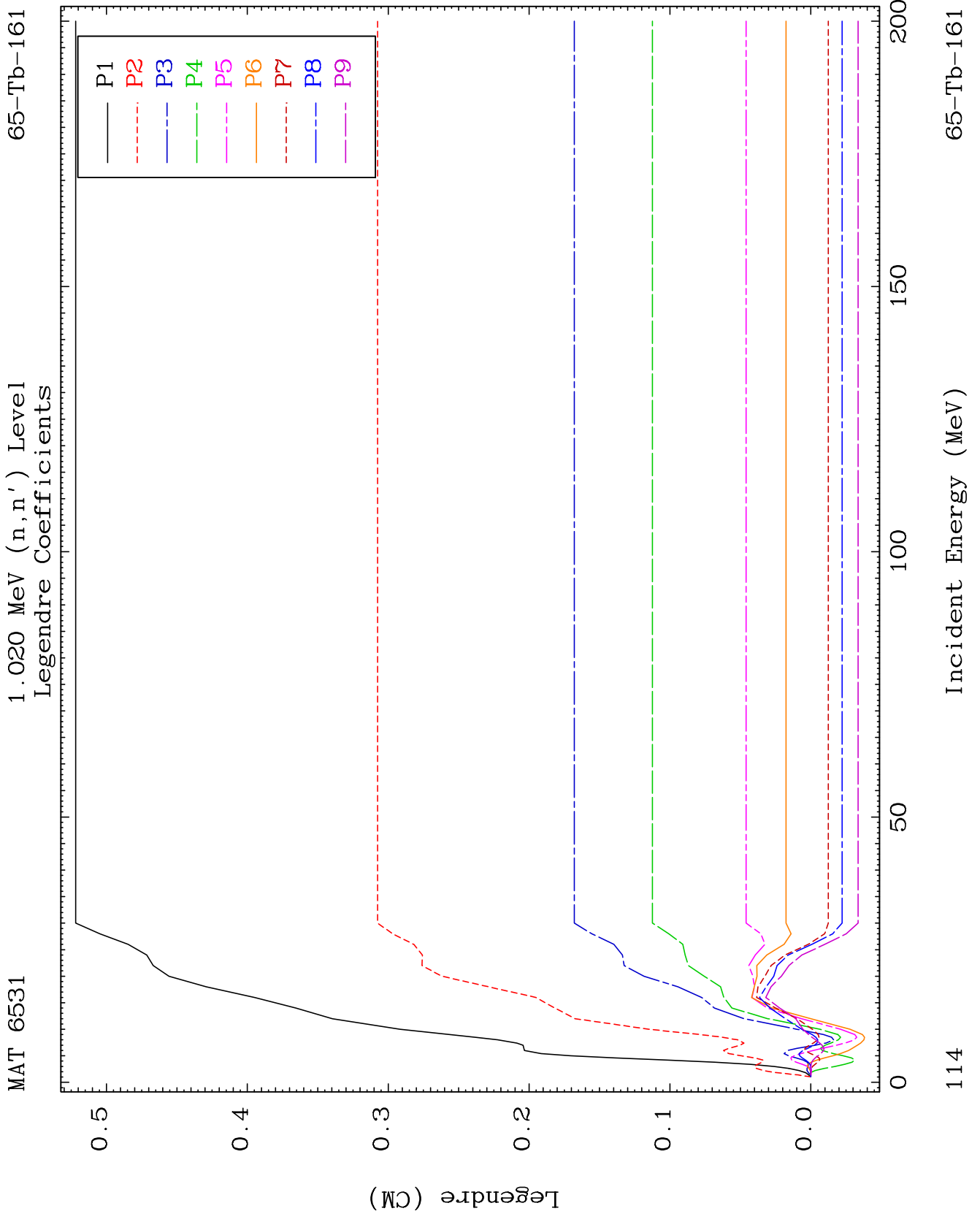


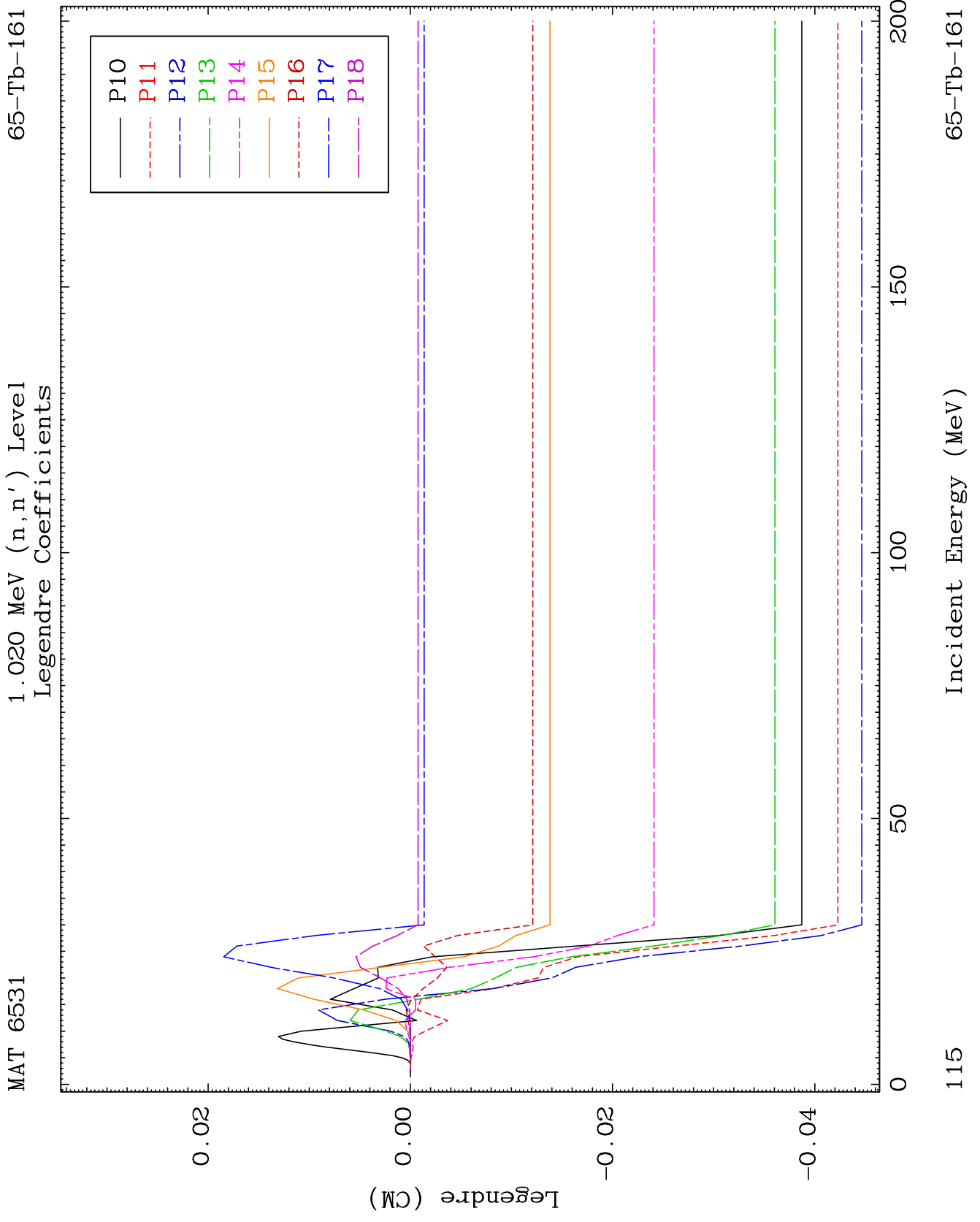
112

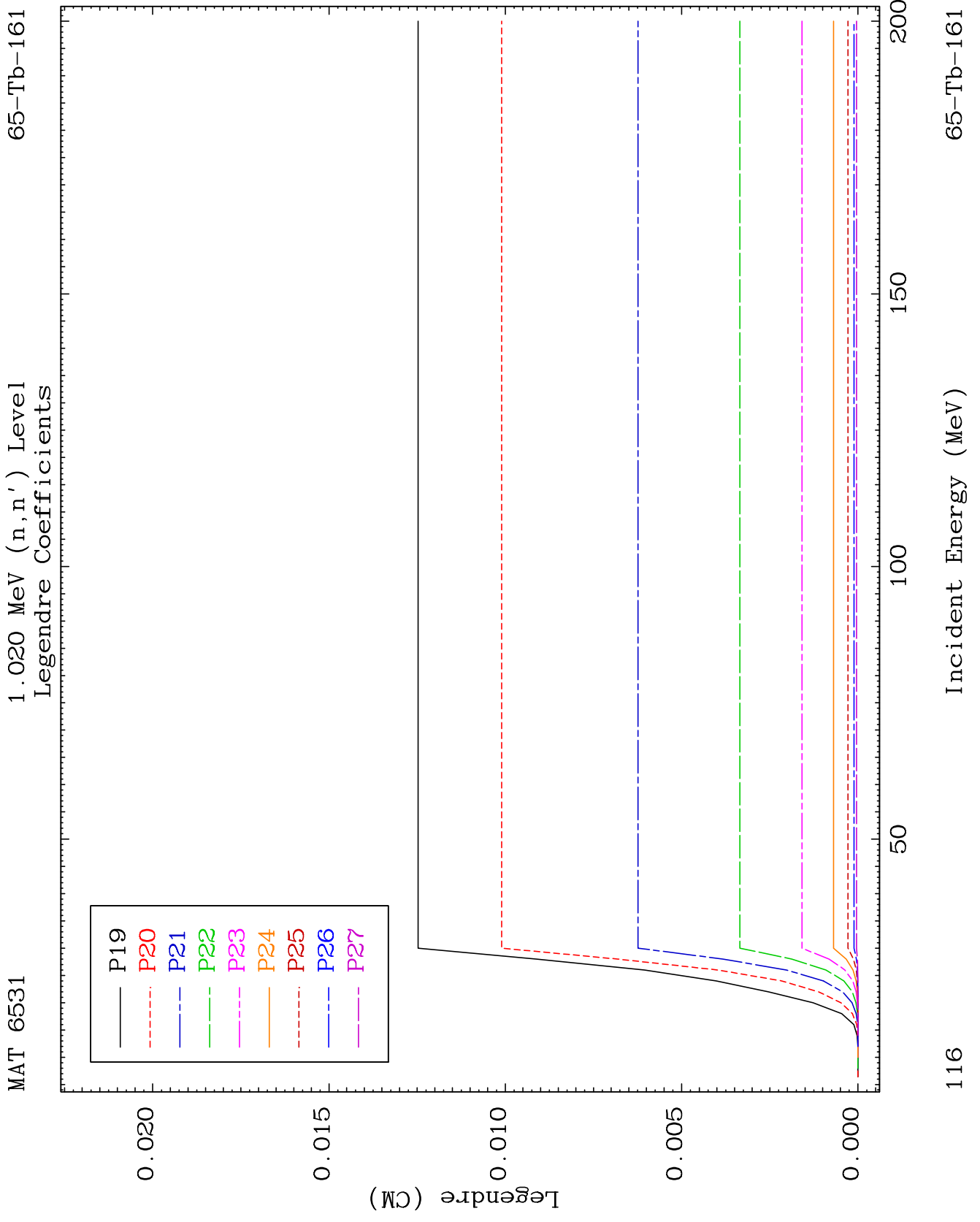
Incident Energy (MeV)

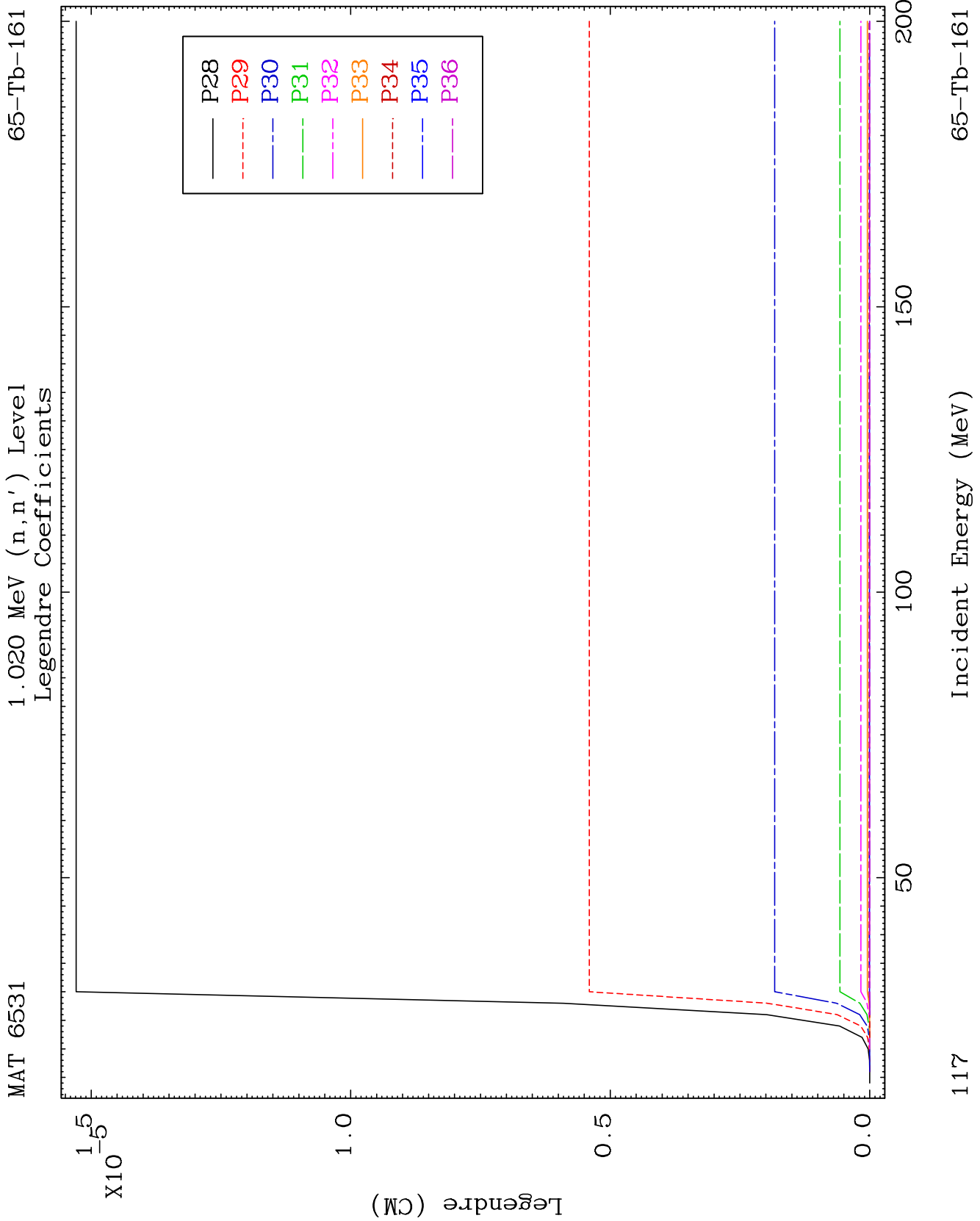
65-Tb-161

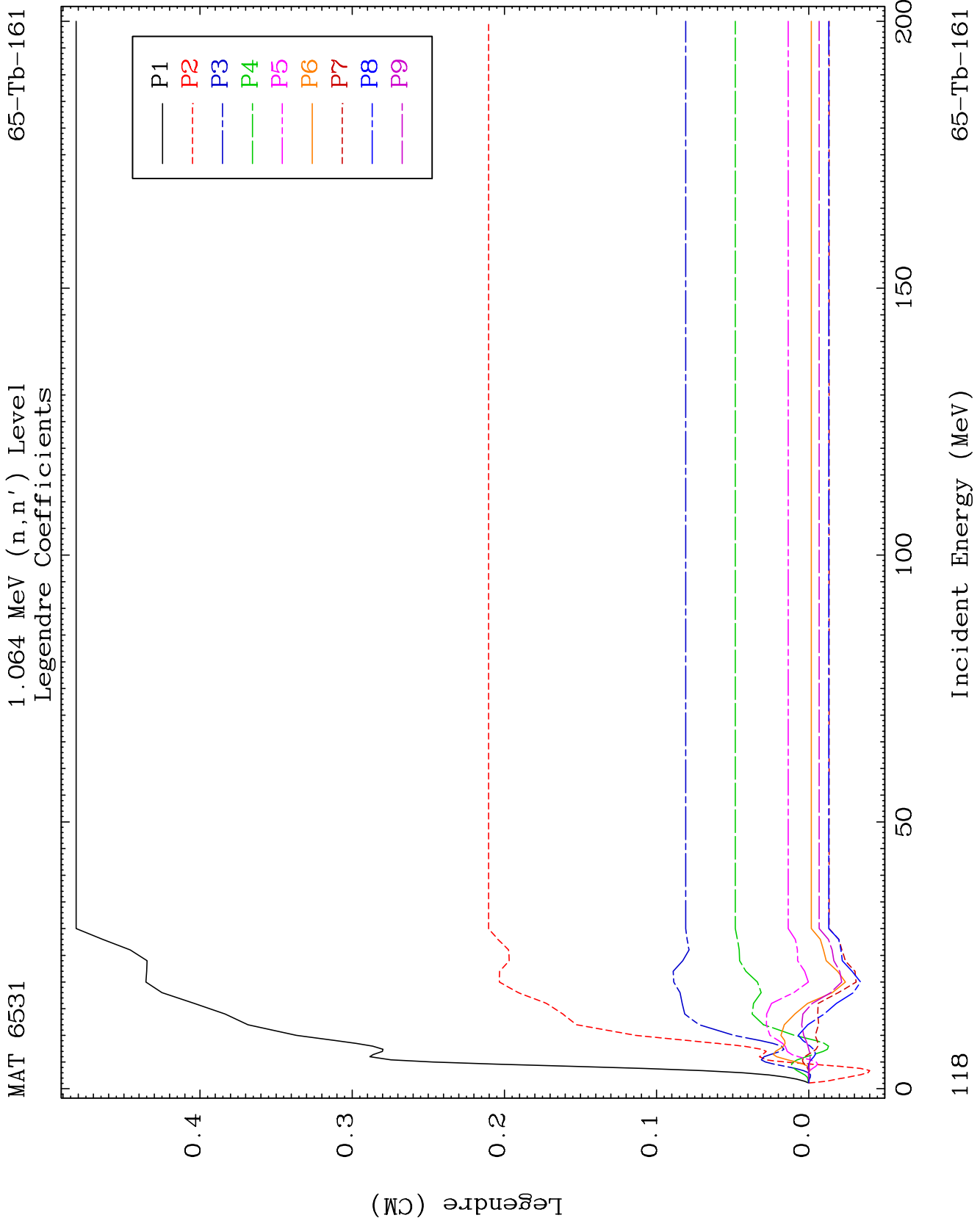


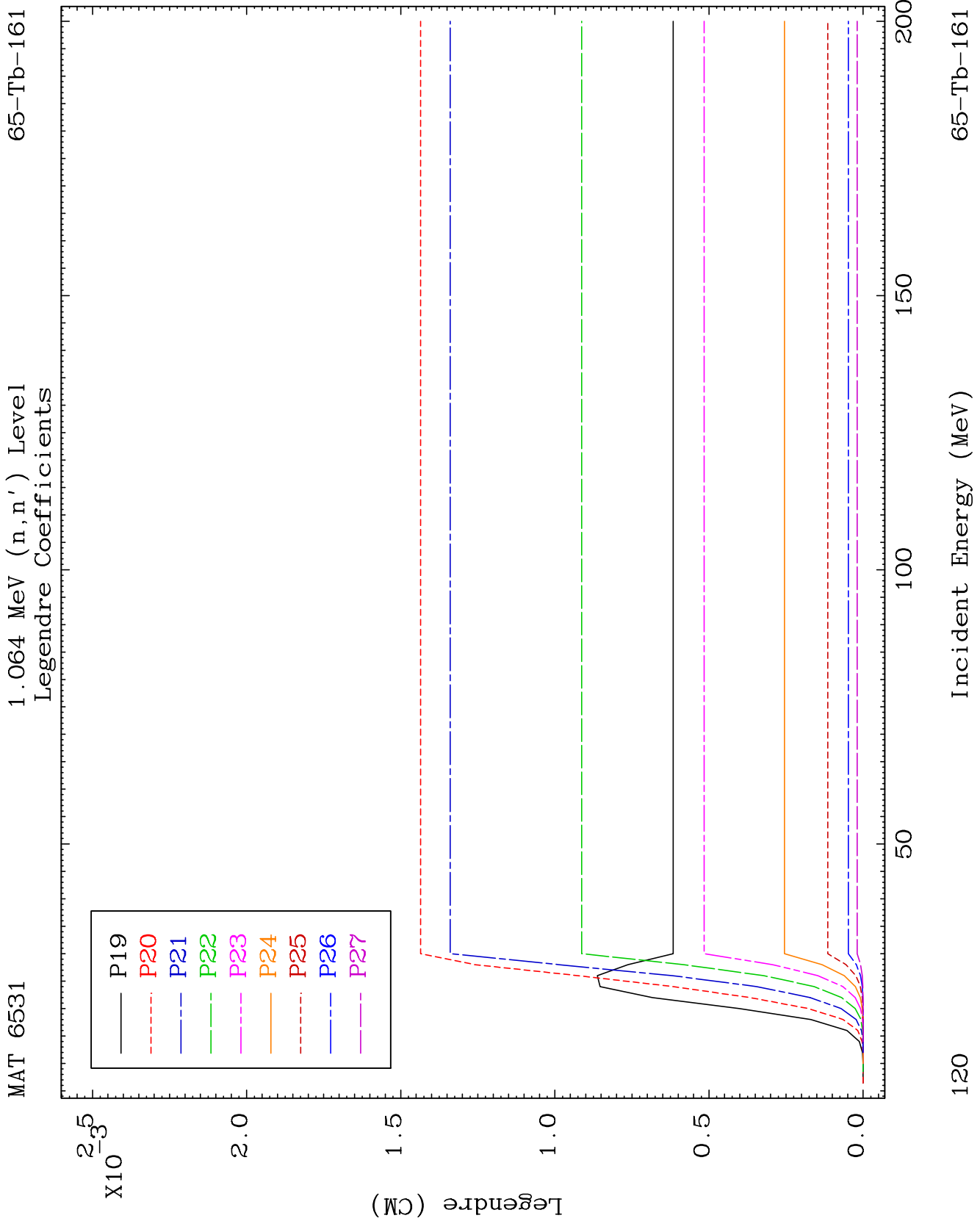


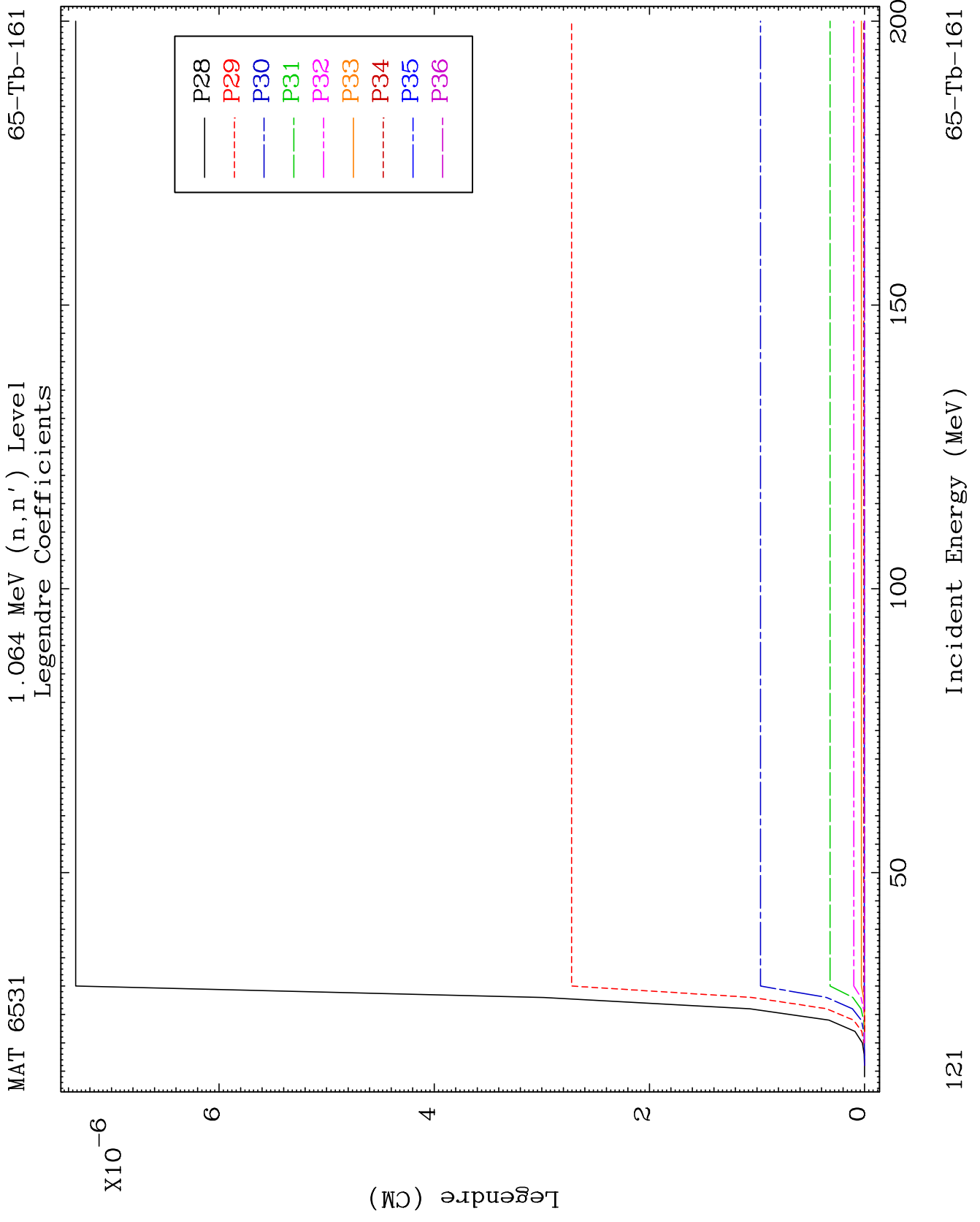


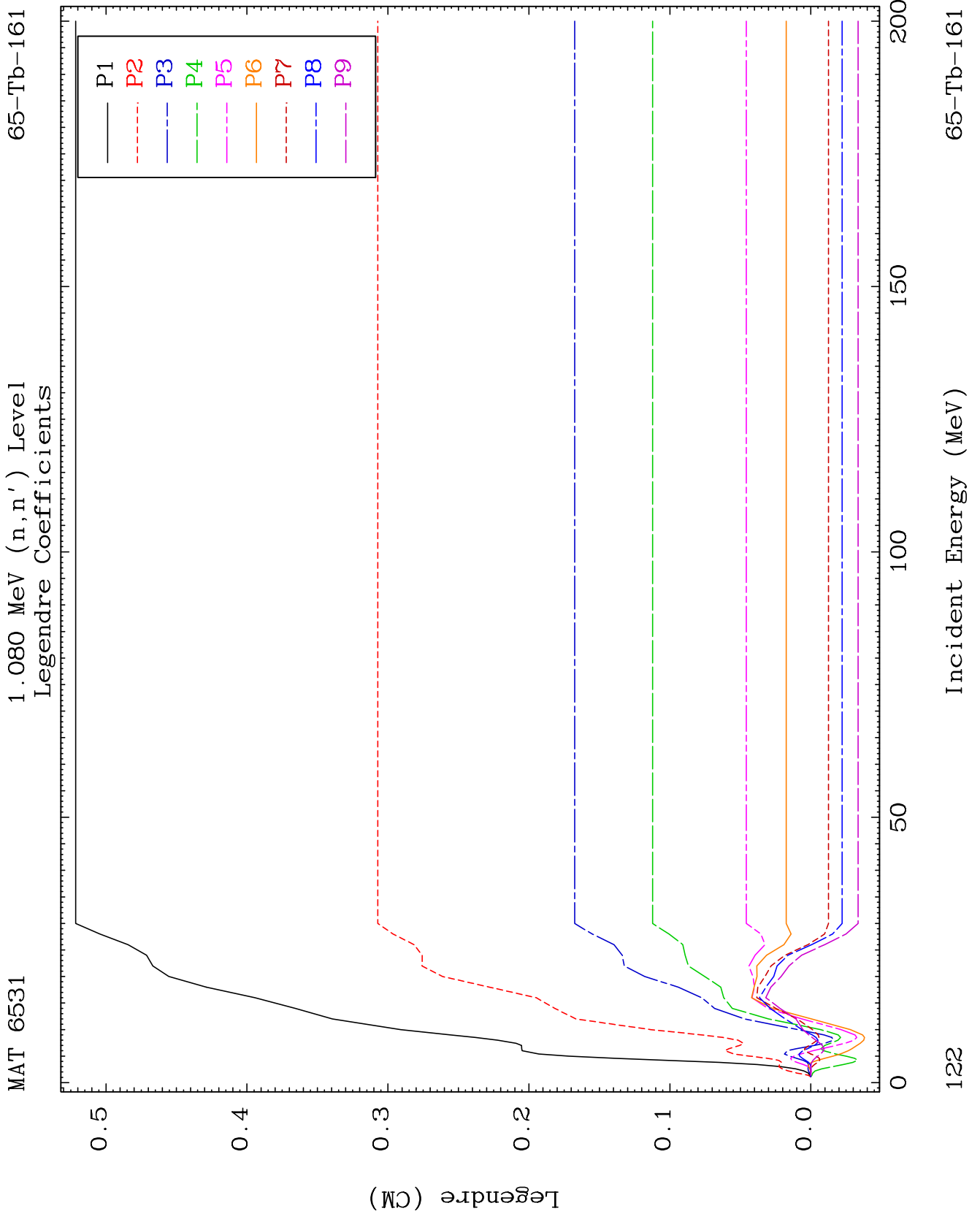








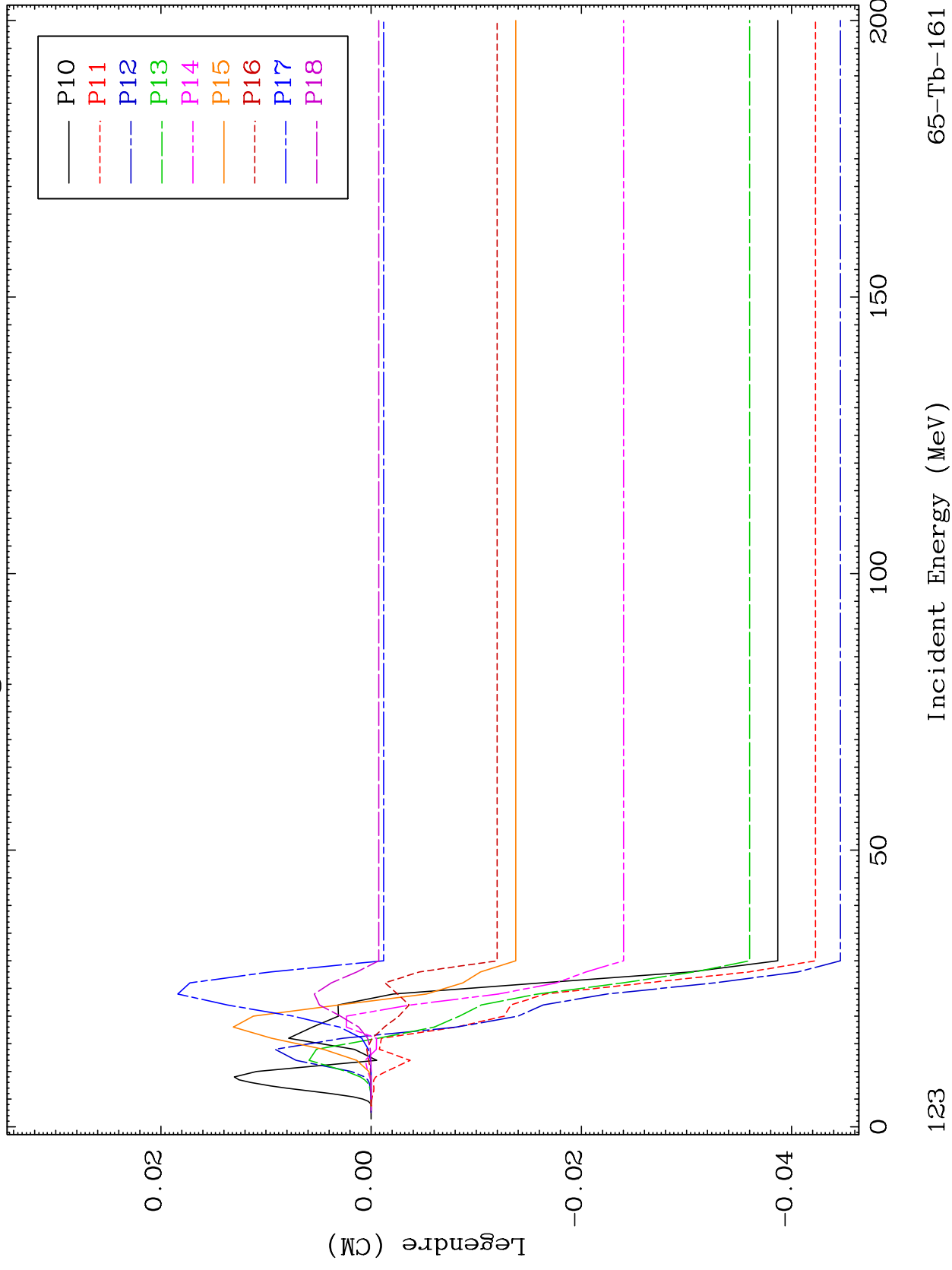




MAT 6531

1.080 MeV (n,n') Level
Legendre Coefficients

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123

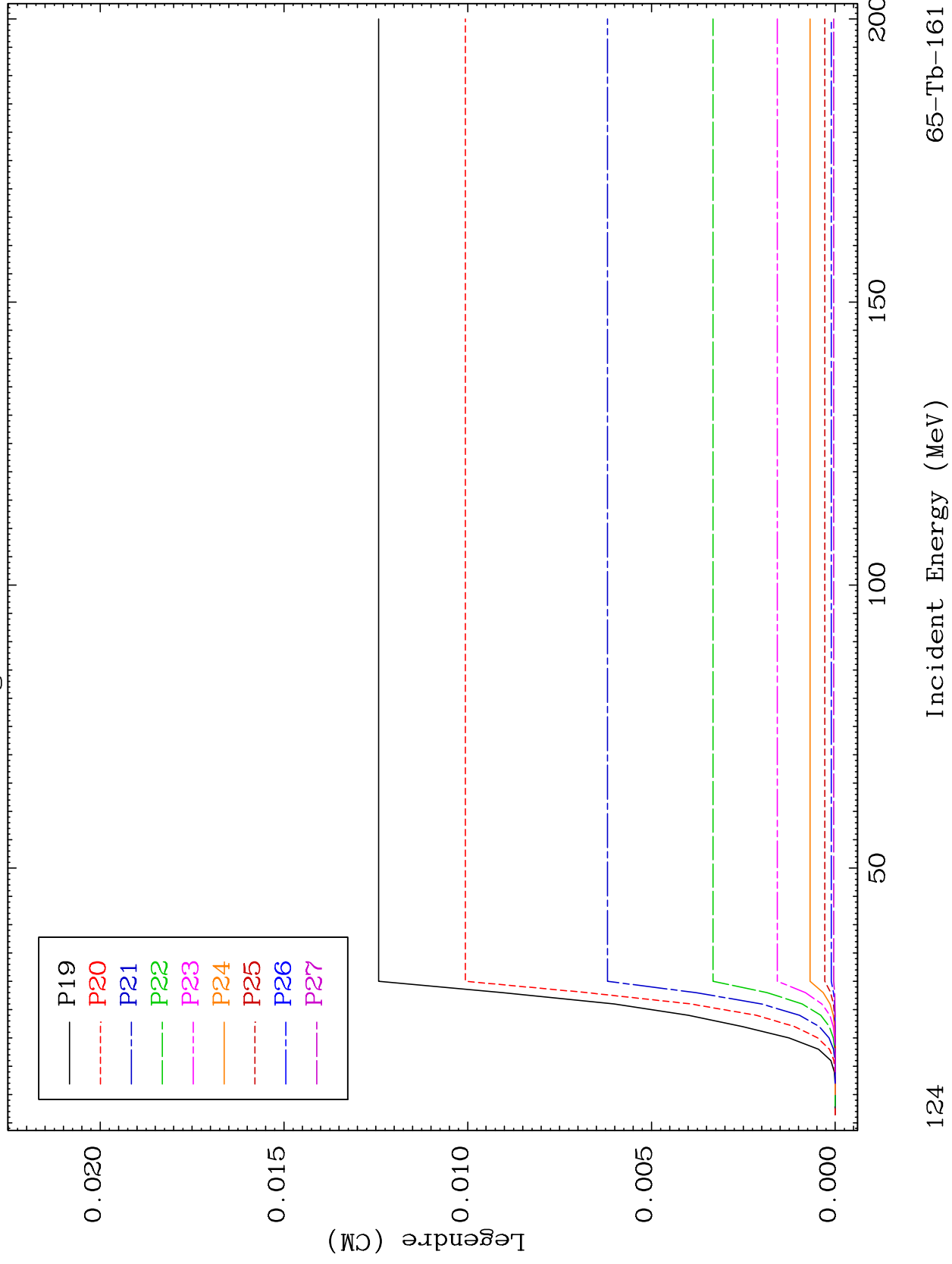
Incident Energy (MeV)

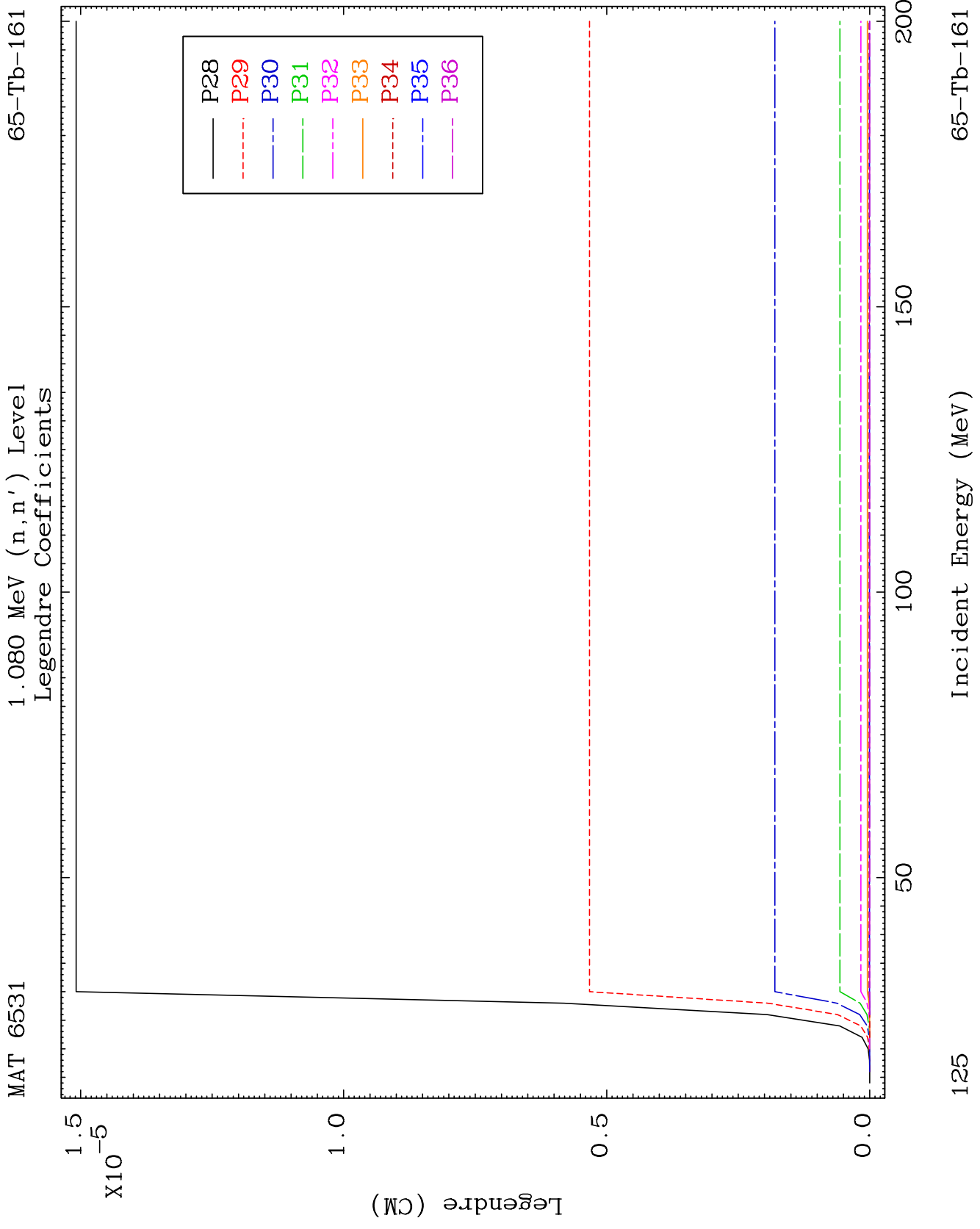
65-Tb-161

MAT 6531

1.080 MeV (n,n') Level
Legendre Coefficients

65-Tb-161

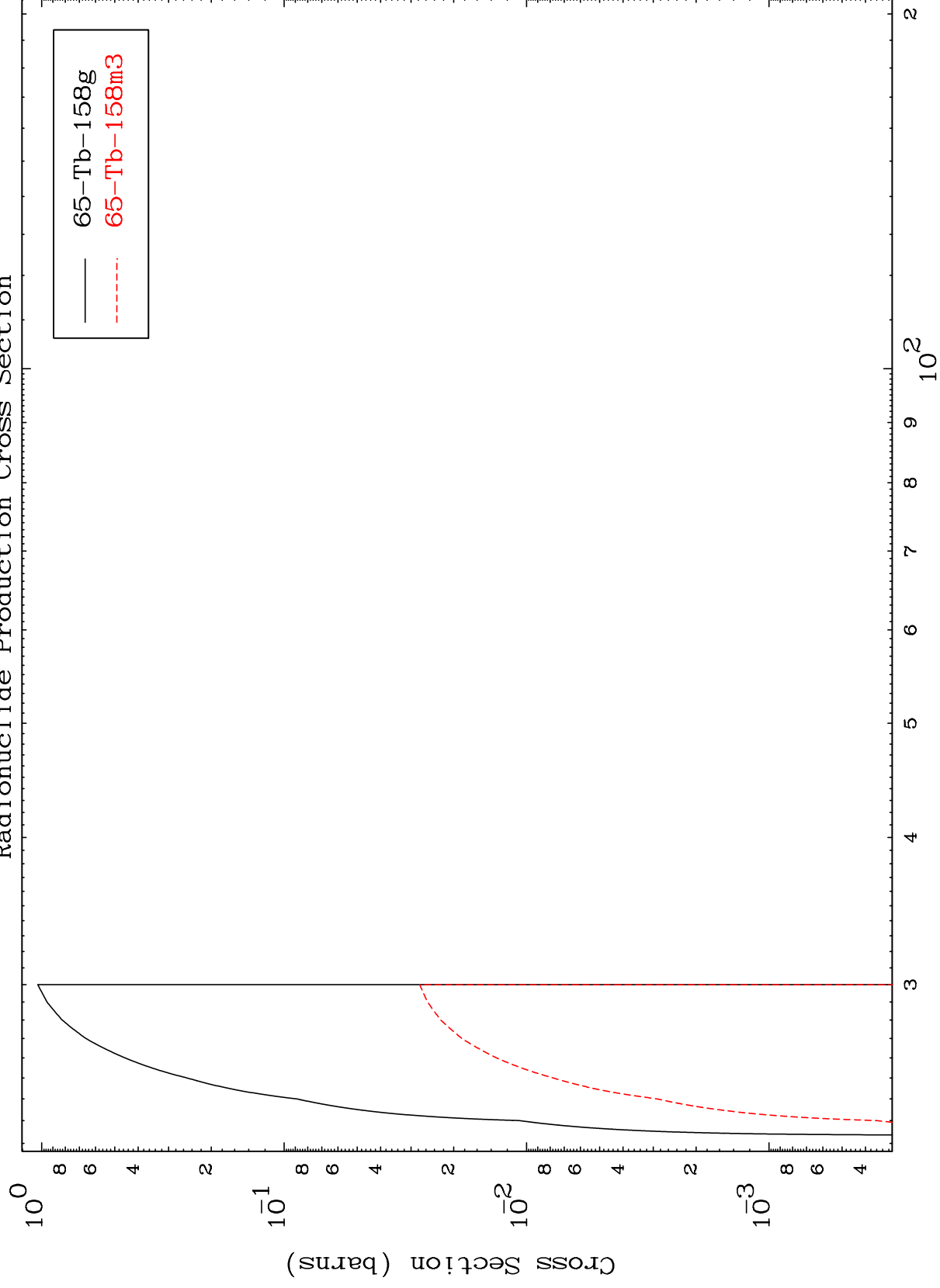




MAT 6531

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(n,4n)
Radionuclide Production Cross Section



126

65-Tb-161

Incident Energy (MeV)