

Program EVALPLOT
(Version 2015-2)

by

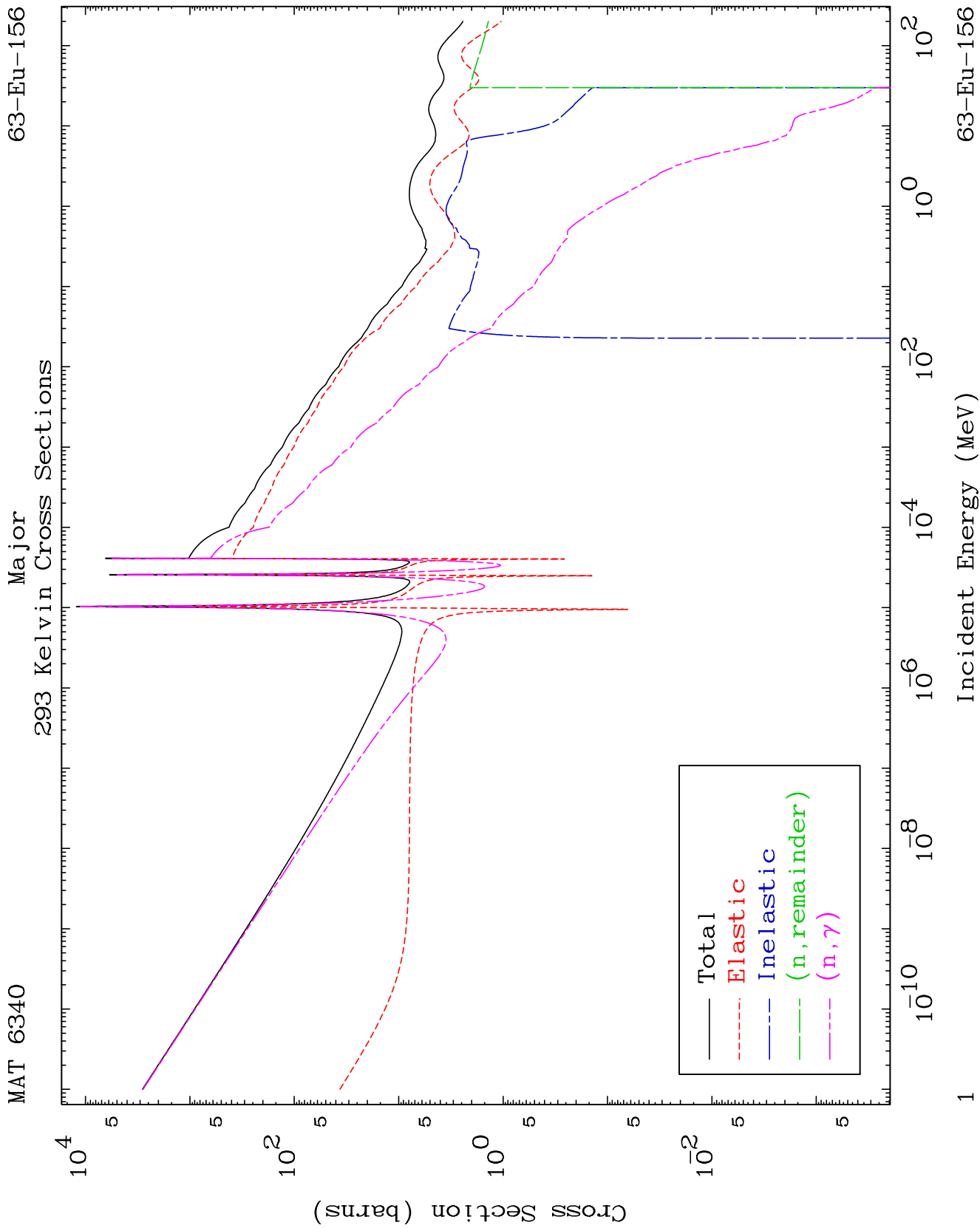
Dermott E. Cullen
(Present Contact Information)

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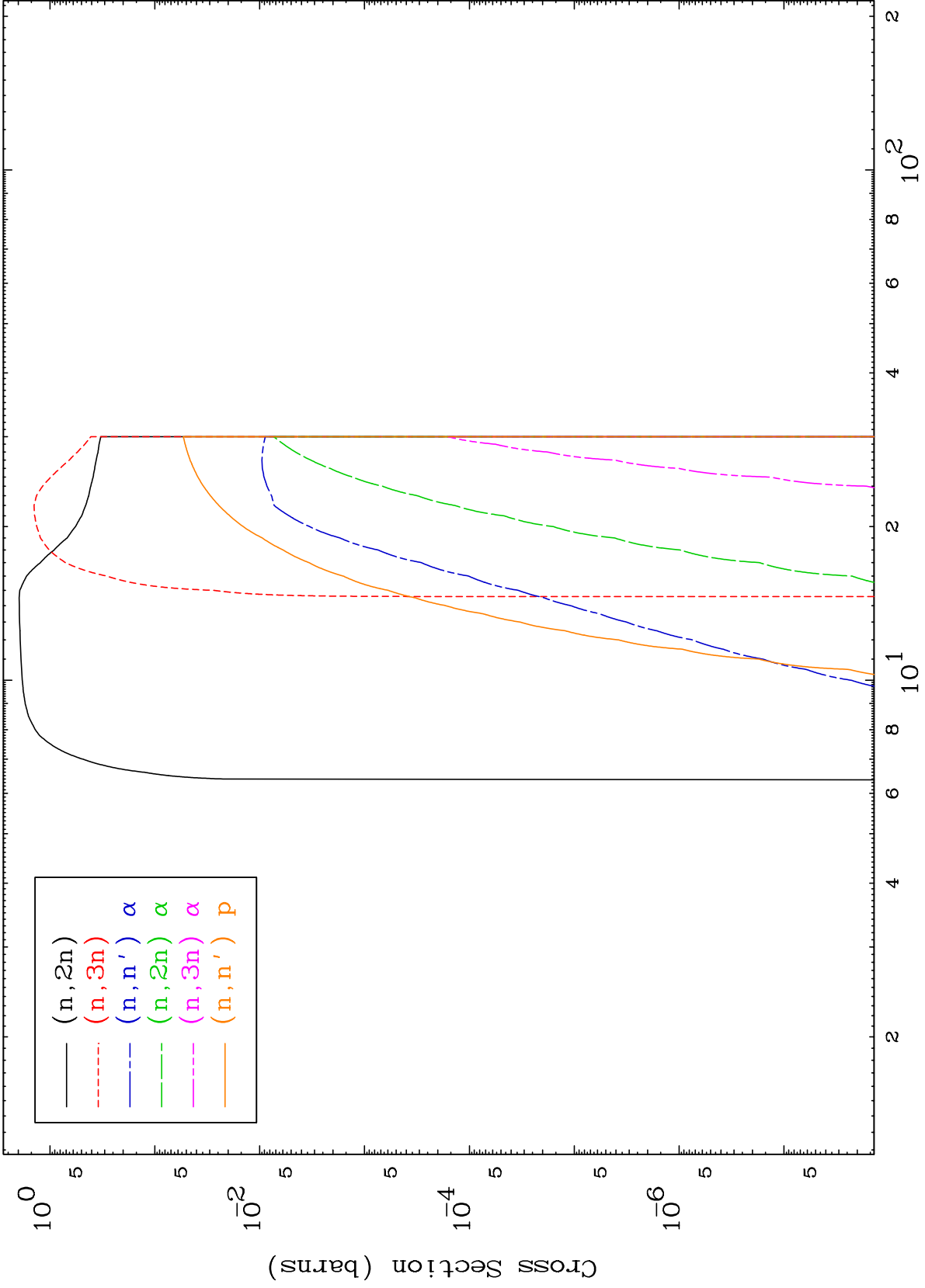
Press Mouse Button to Start

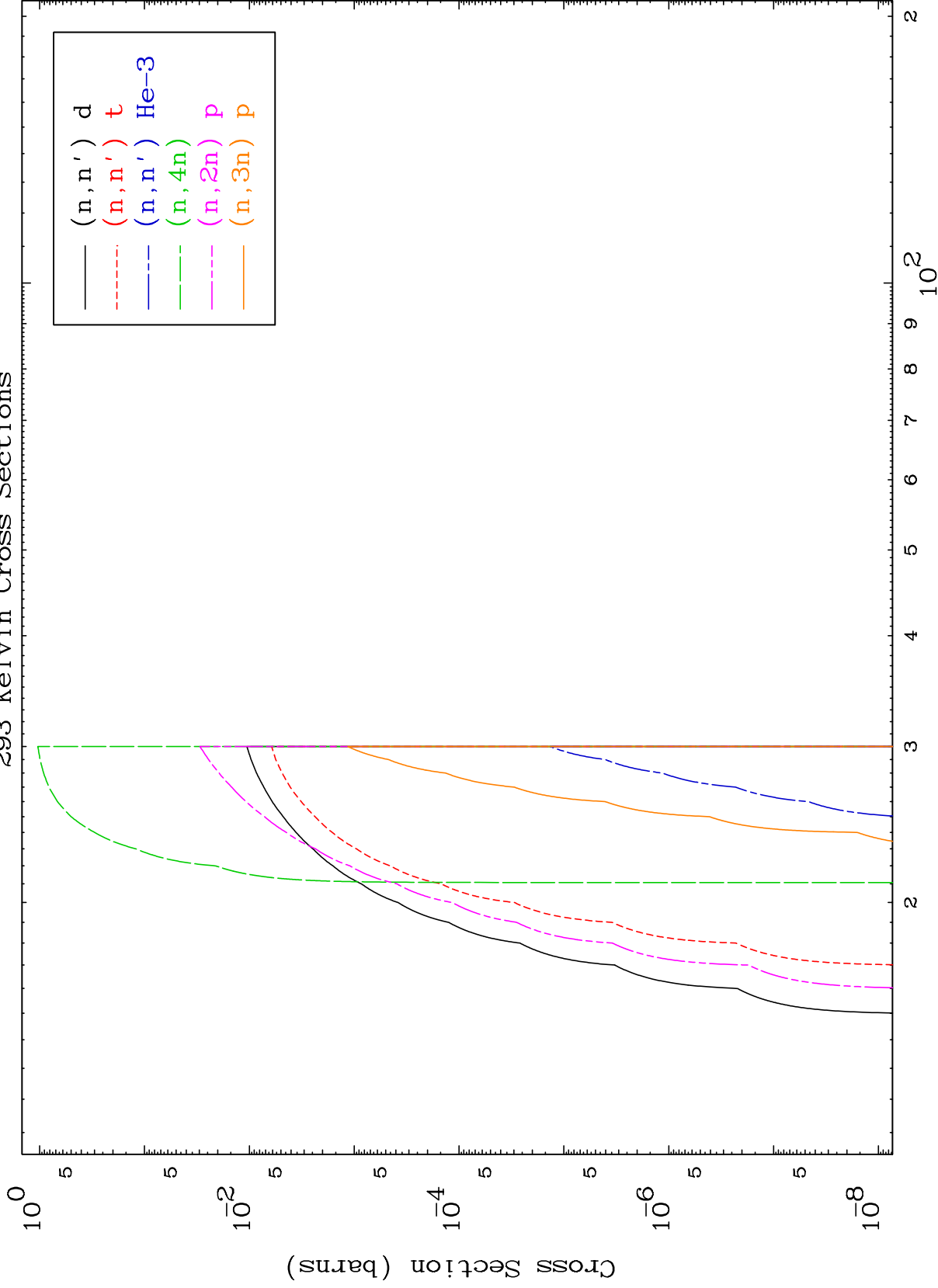


MAT 6340

Neutron Production
293 Kelvin Cross Sections

63-Eu-156

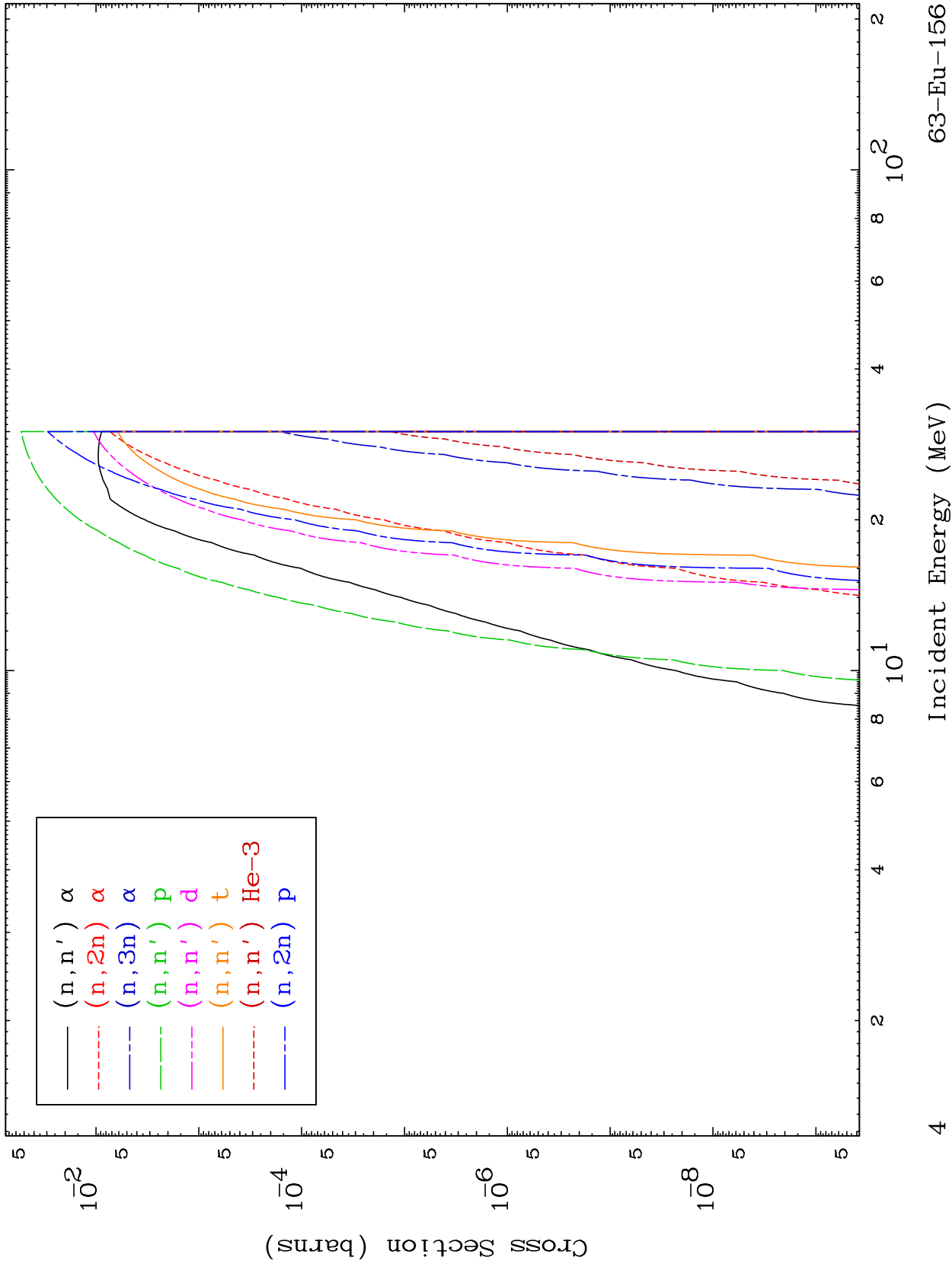




MAT 6340

Charged Particle
293 Kelvin Cross Sections

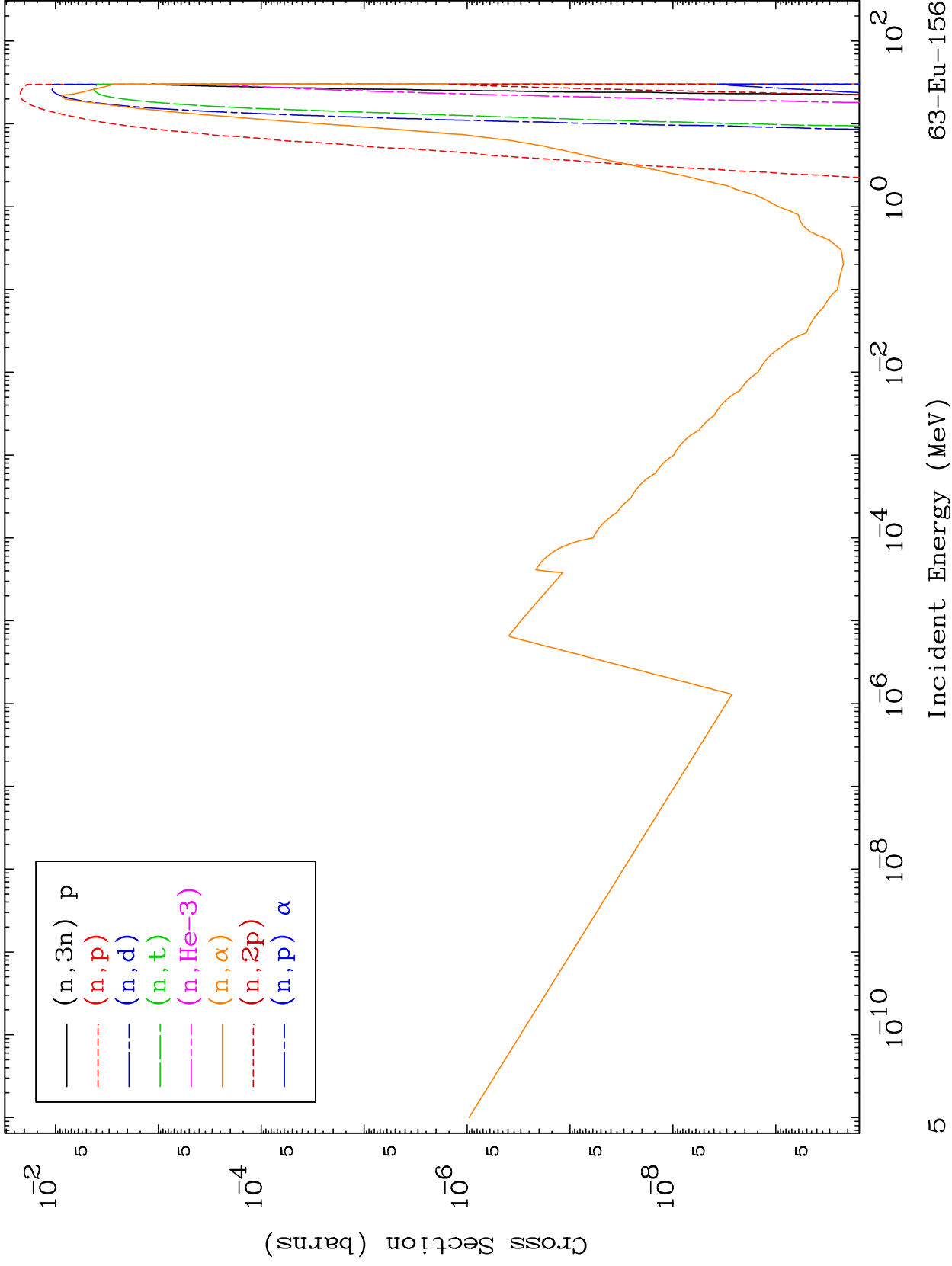
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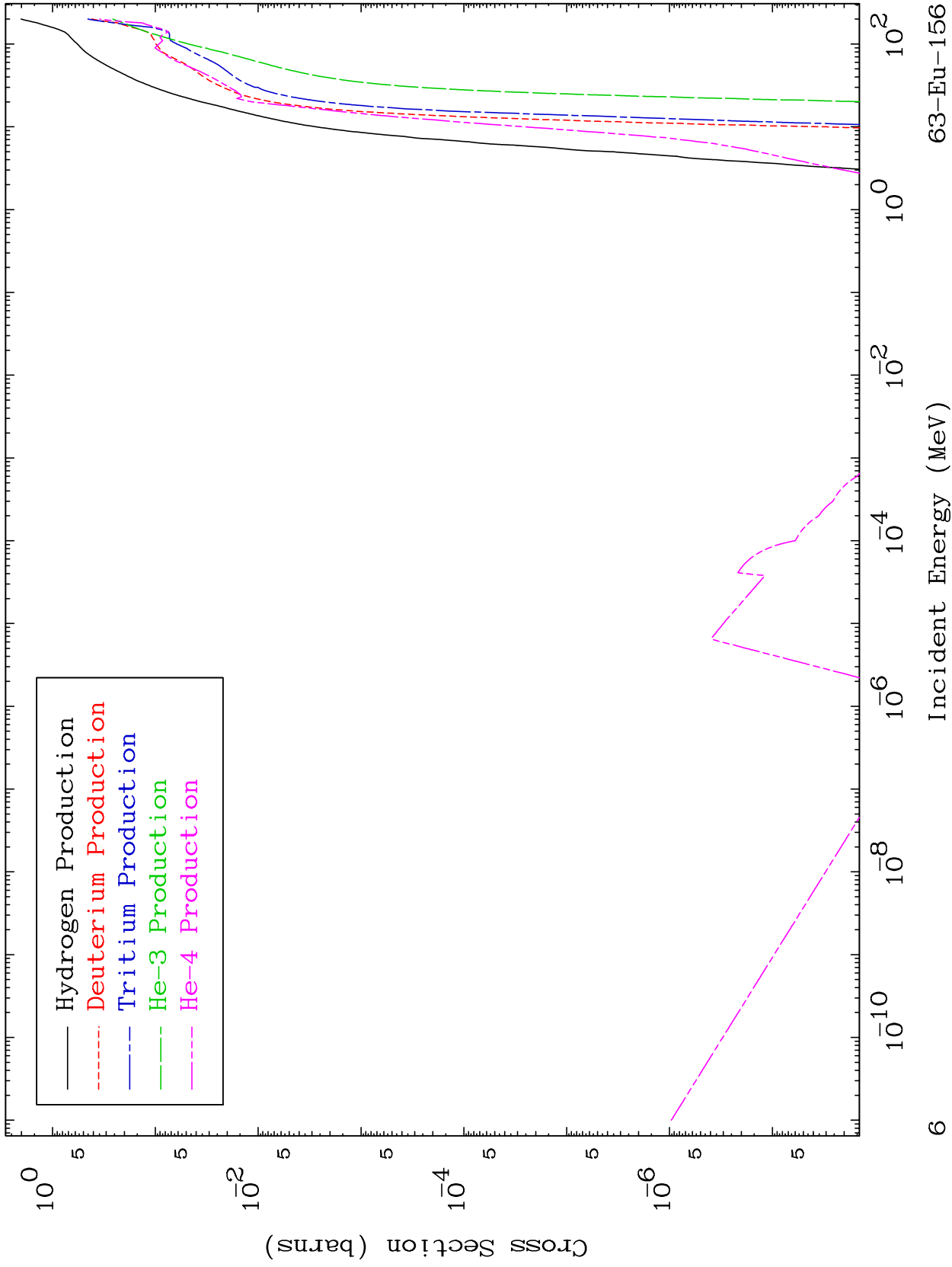


MAT 6340

Charged Particle
293 Kelvin Cross Sections

63-Eu-156

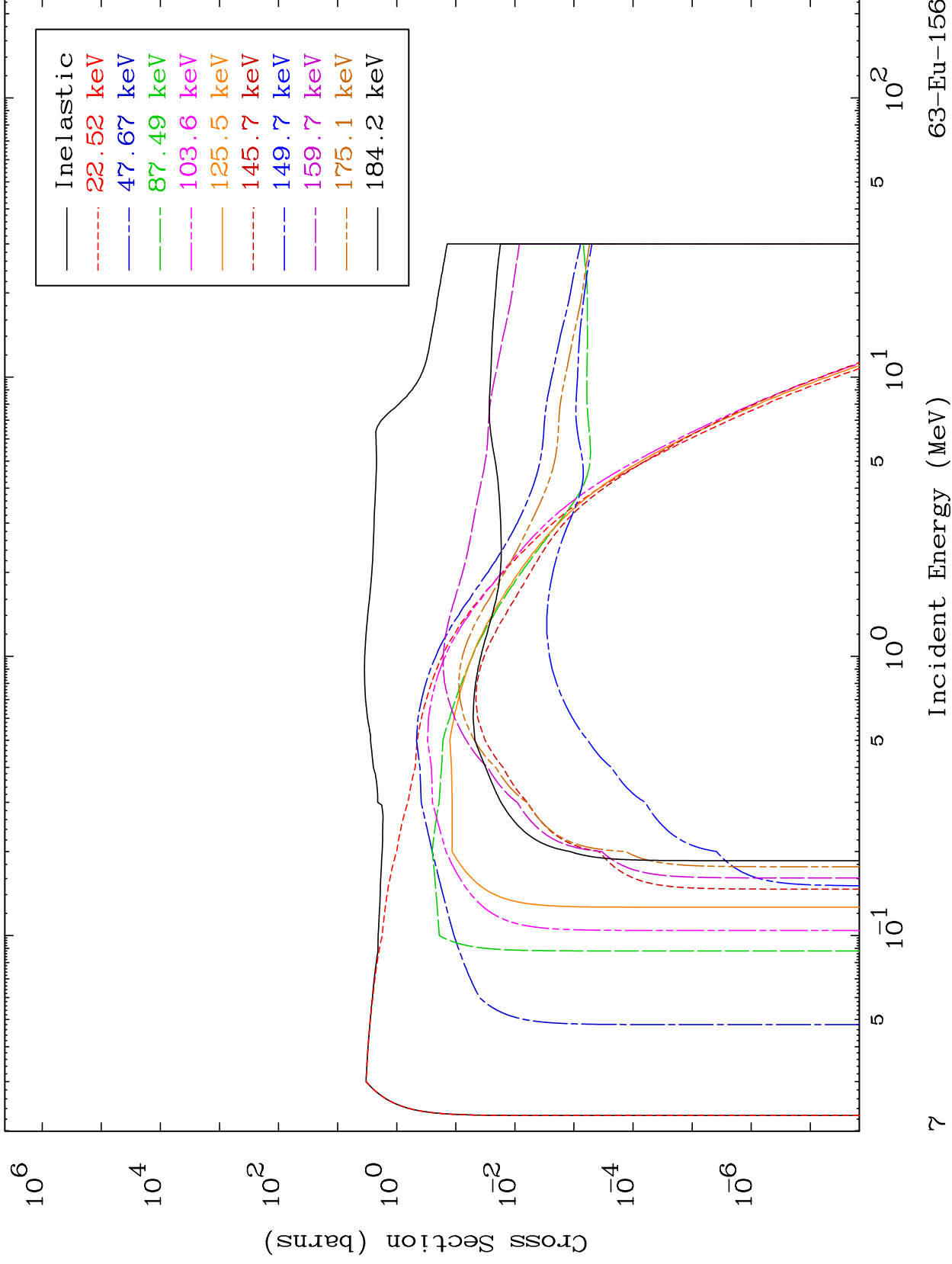




MAT 6340

(n,n') Level
293 Kelvin Cross Sections

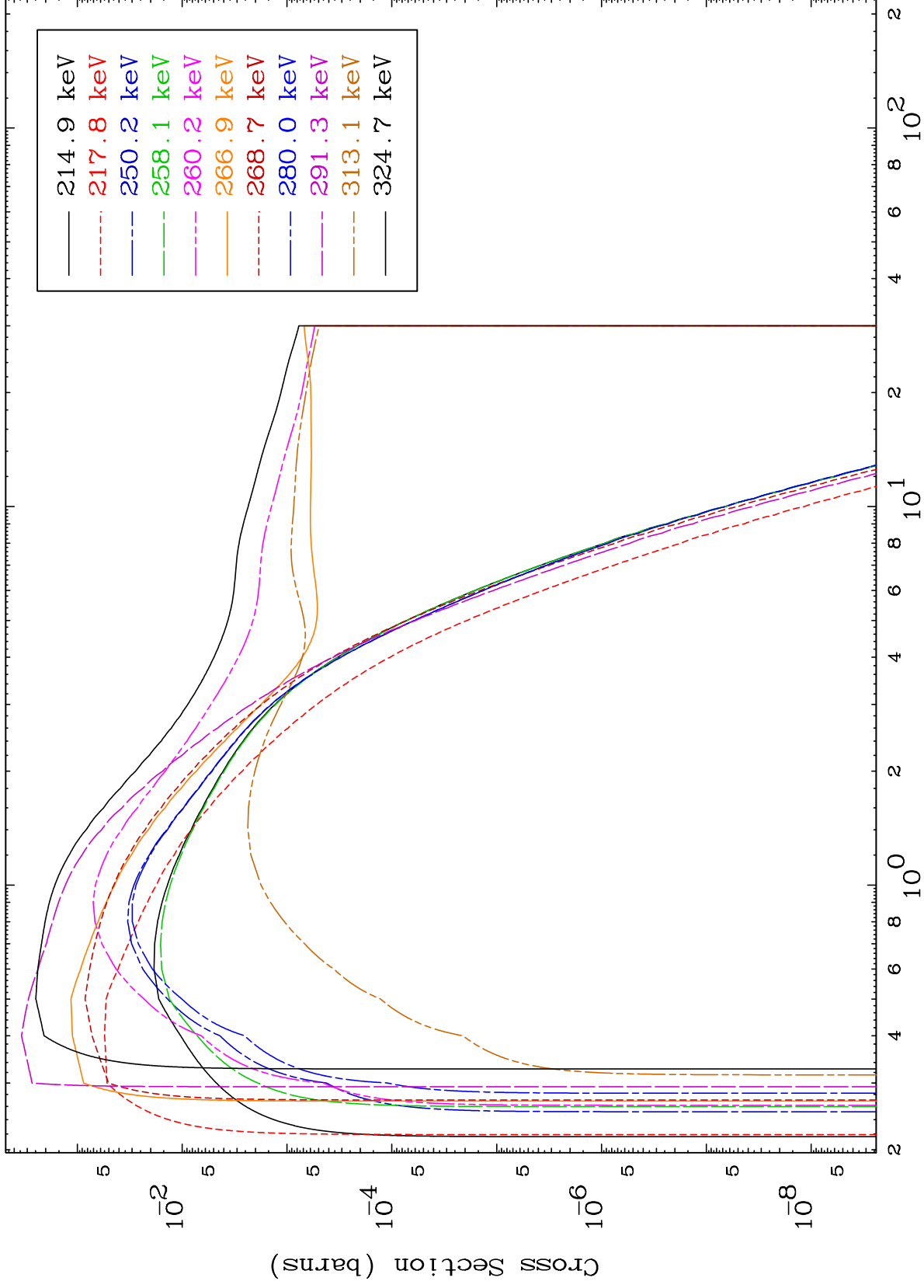
63-Eu-156



MAT 6340

(n,n') Level
293 Kelvin Cross Sections

63-Eu-156



8

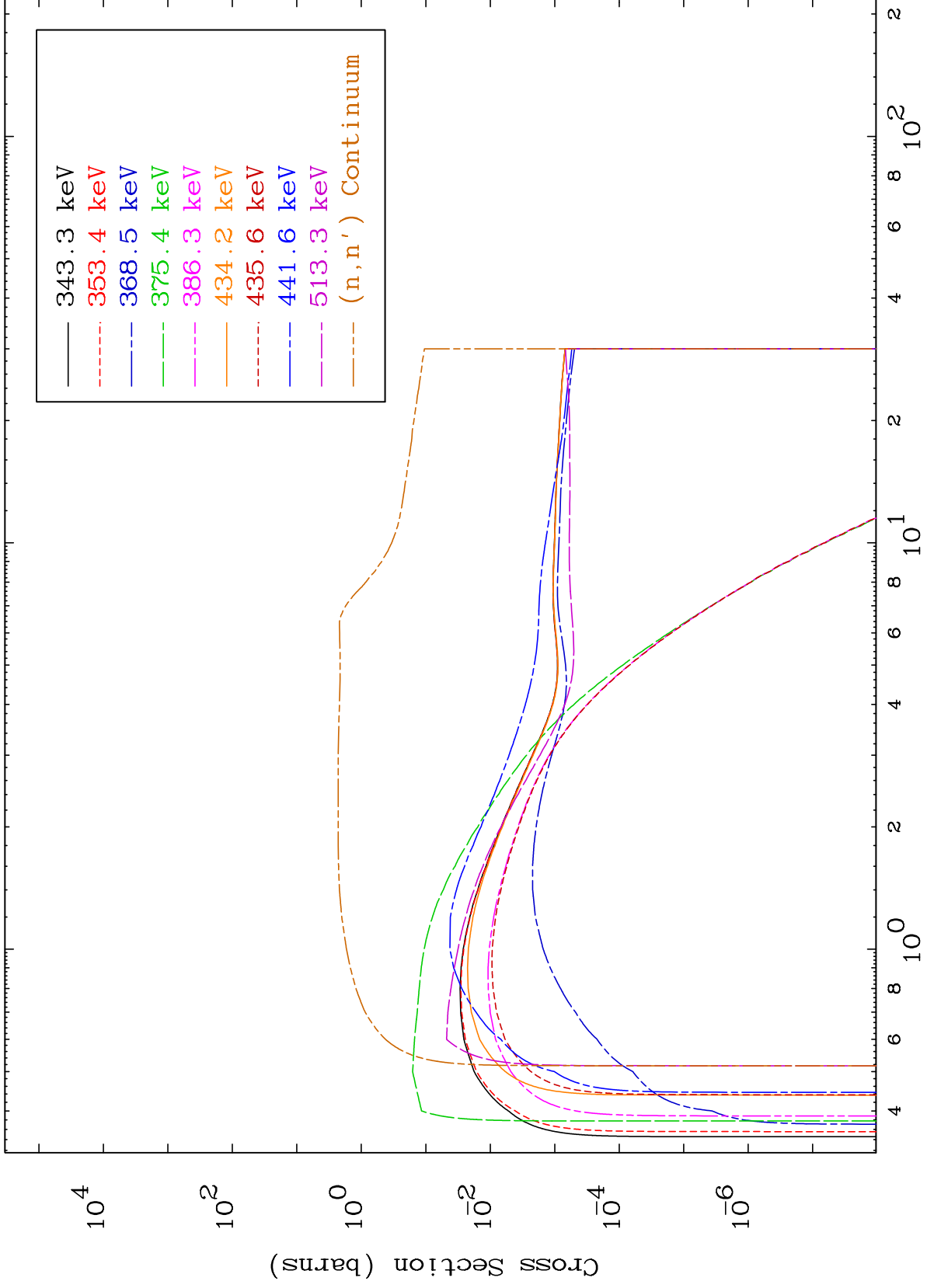
Incident Energy (MeV)

63-Eu-156

MAT 6340

(n,n') Level
293 Kelvin Cross Sections

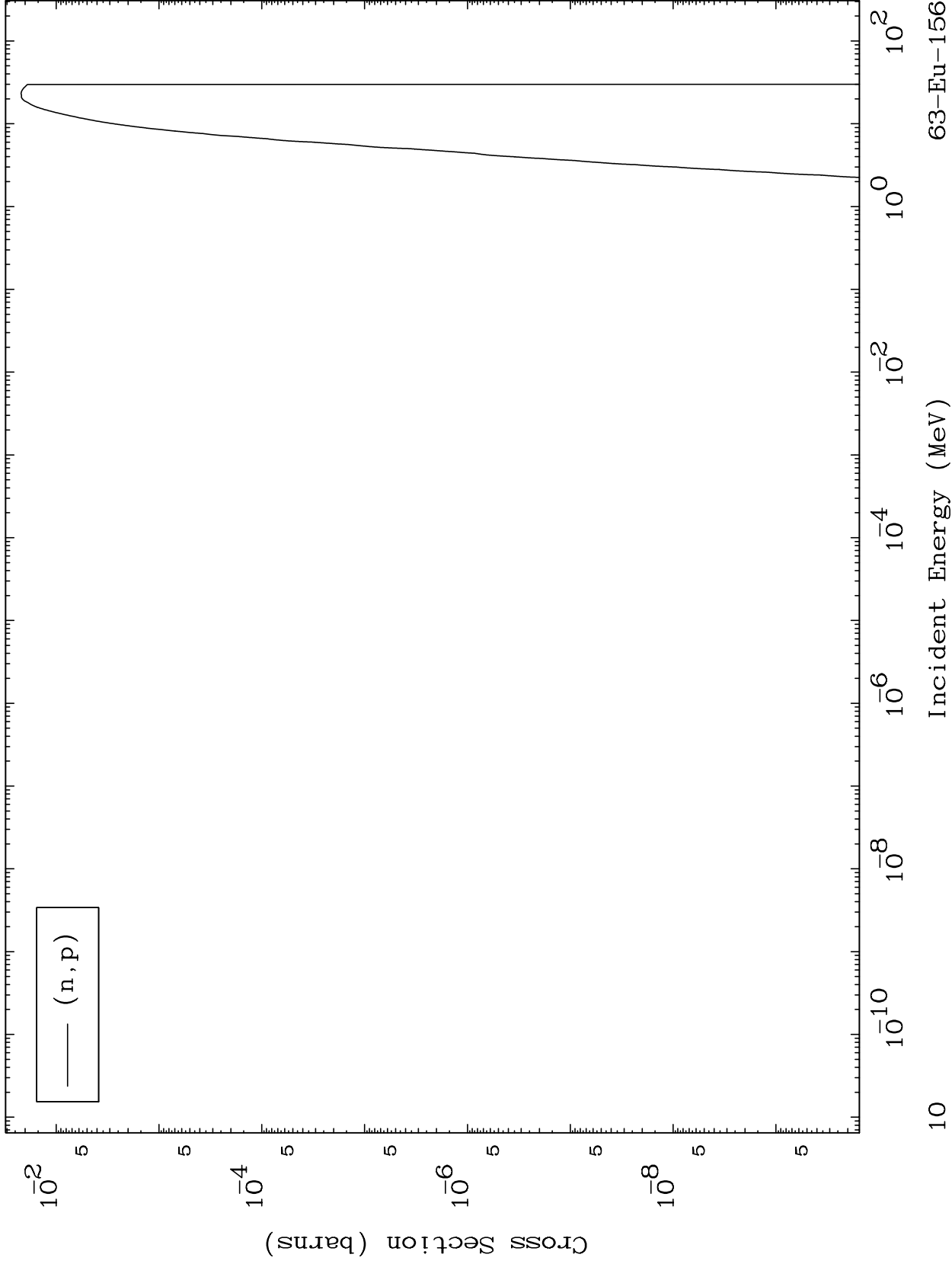
63-Eu-156



MAT 6340

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-156



10

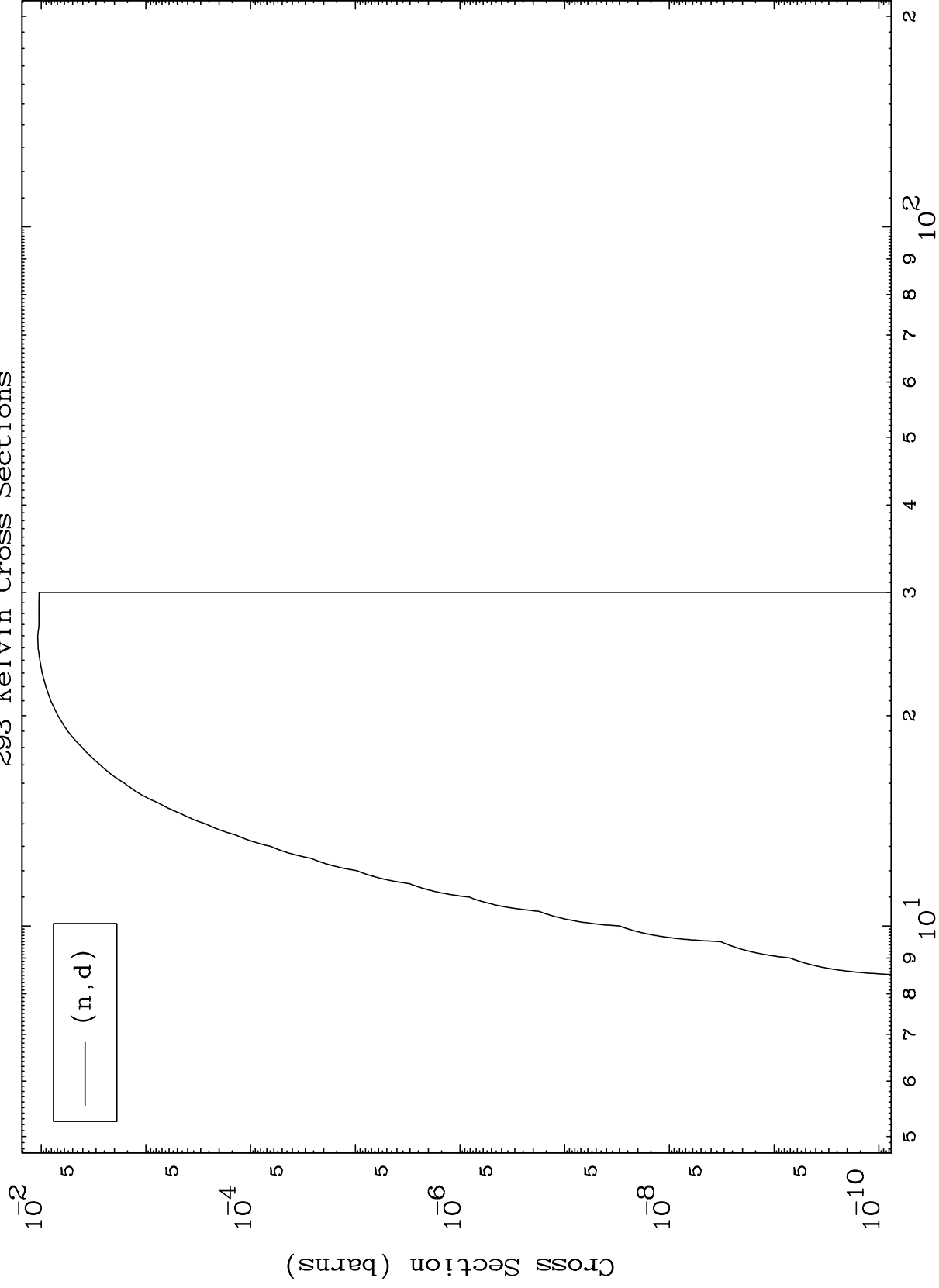
Incident Energy (MeV)

63-Eu-156

MAT 6340

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-156



11

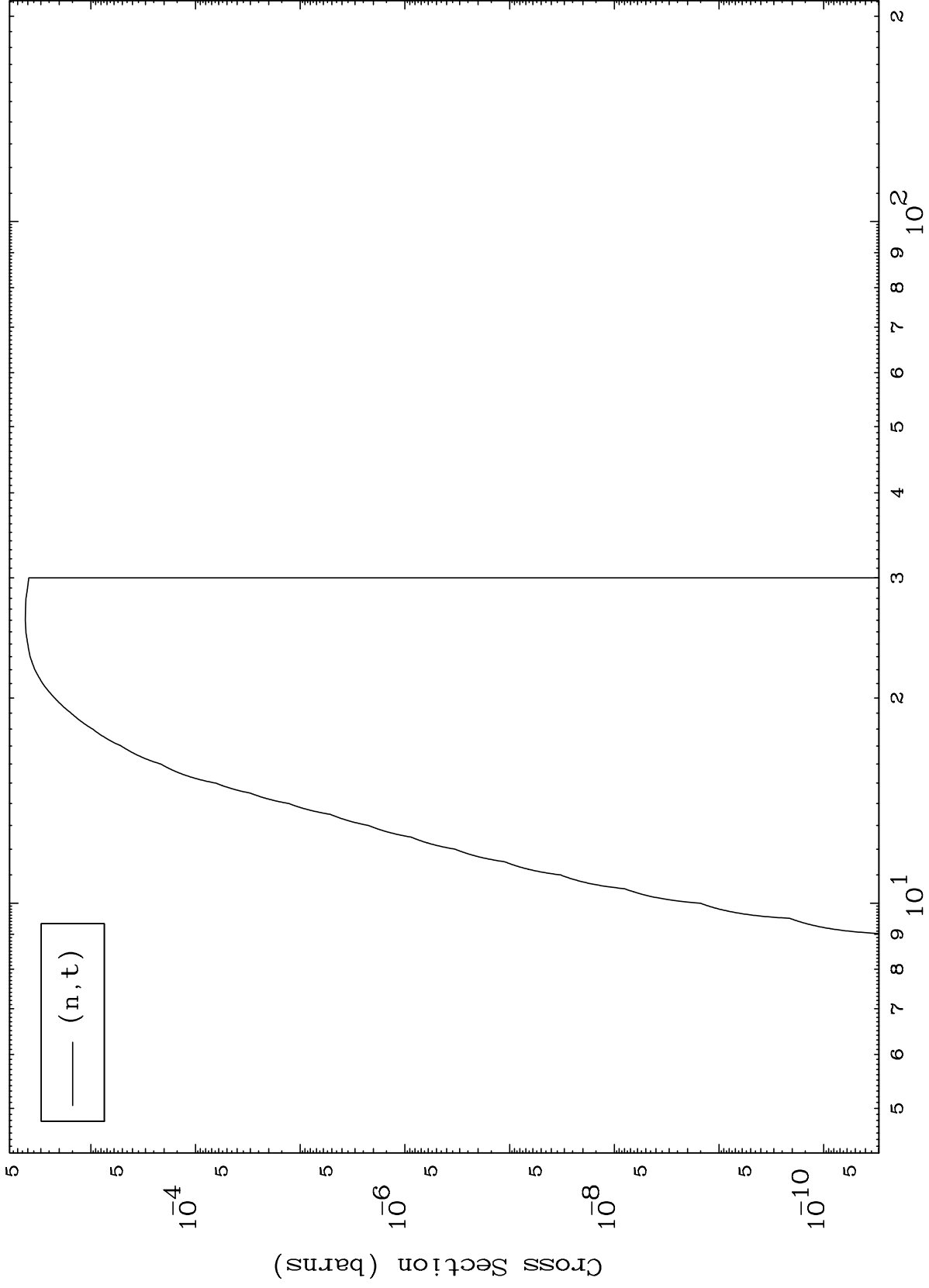
Incident Energy (MeV)

63-Eu-156

MAT 6340

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-156



12

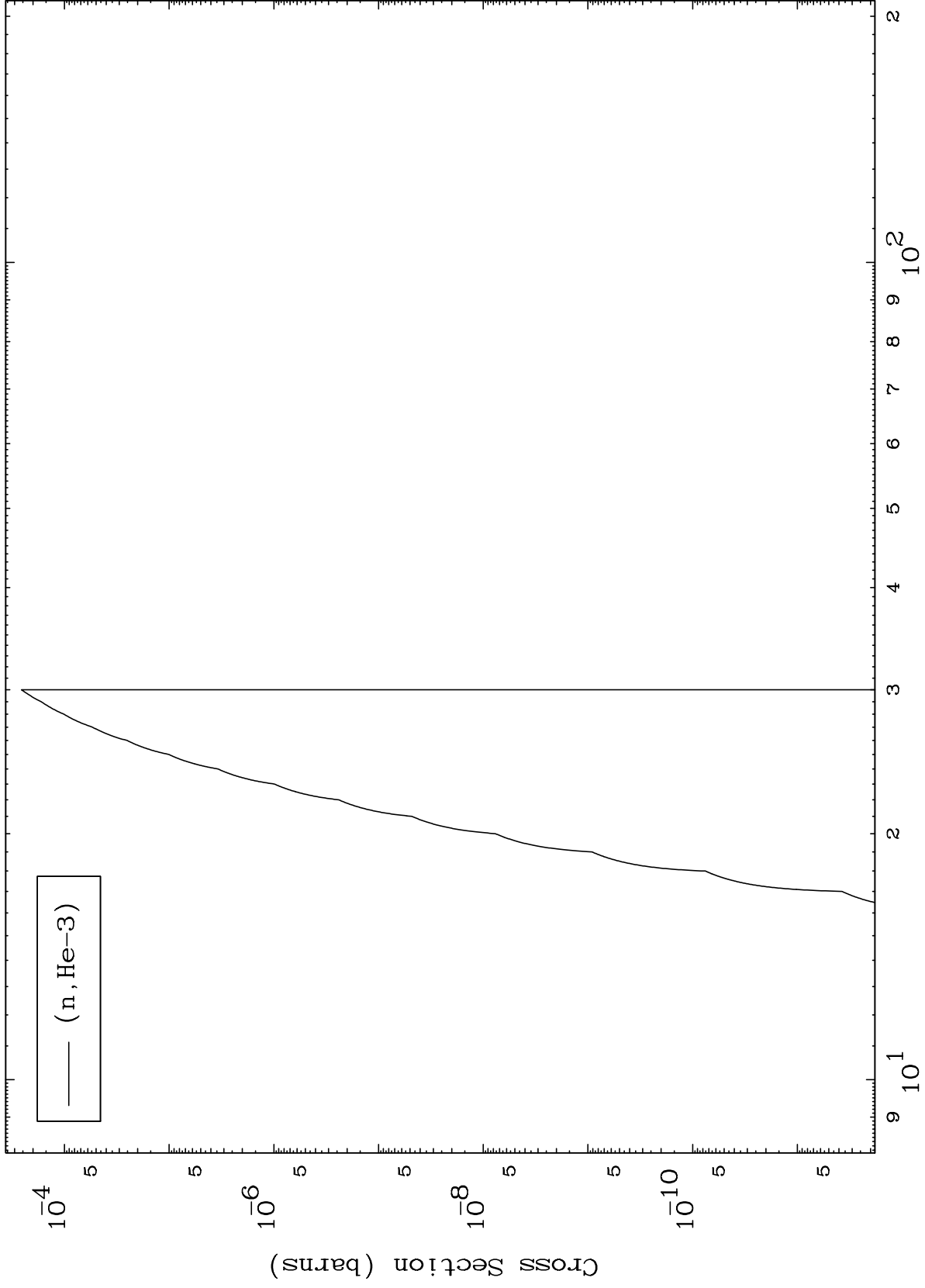
Incident Energy (MeV)

63-Eu-156

MAT 6340

(n,He3) Levels
293 Kelvin Cross Sections

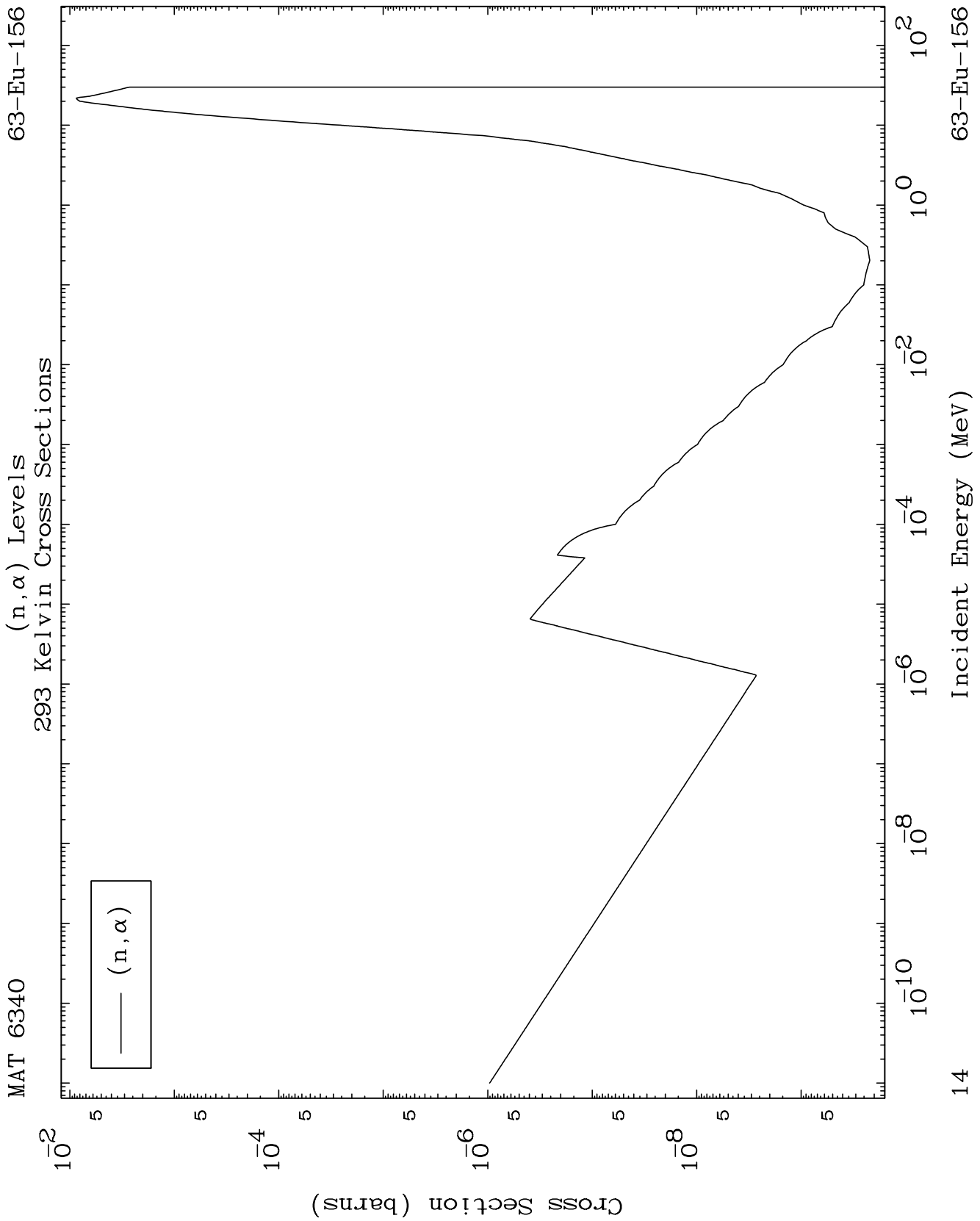
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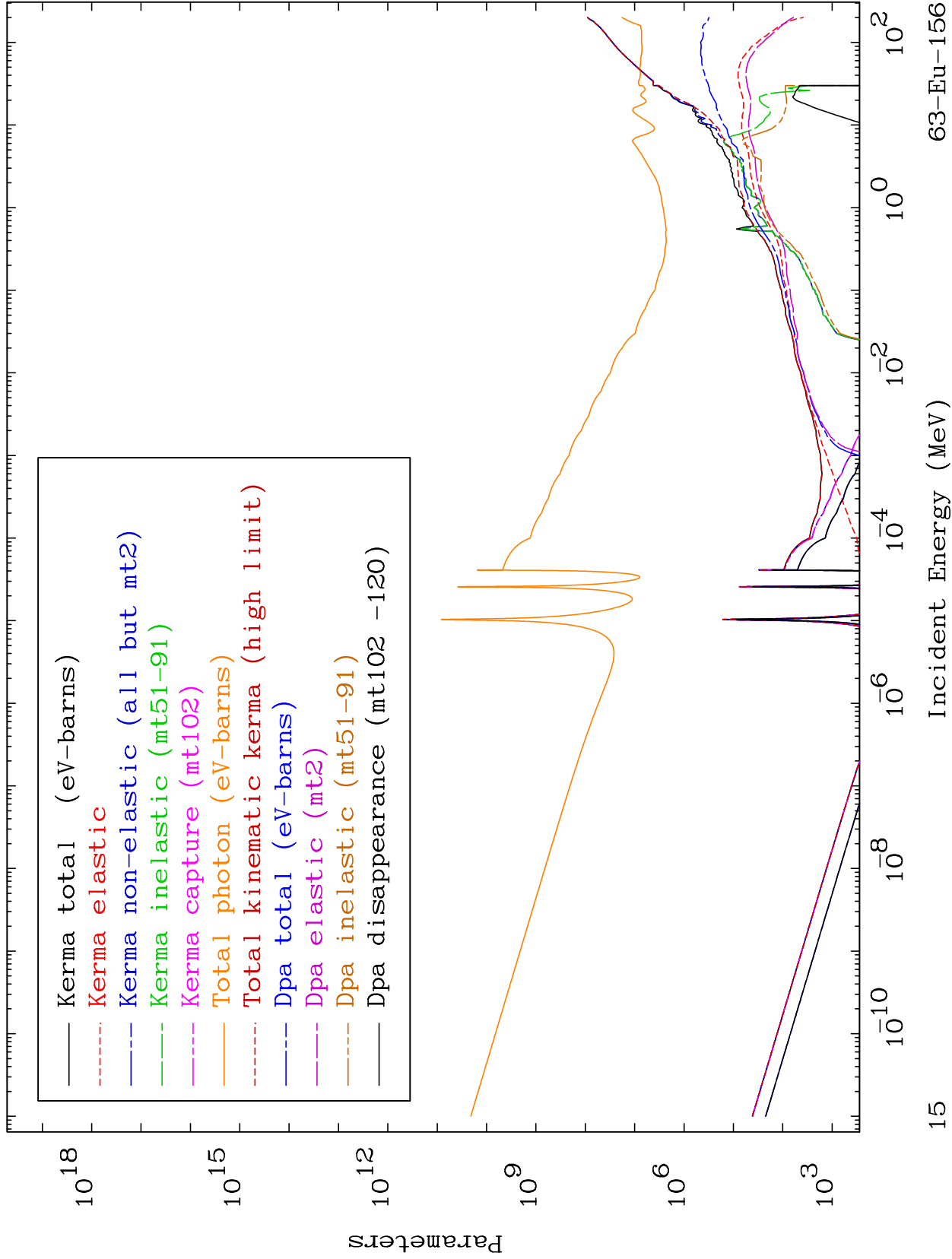


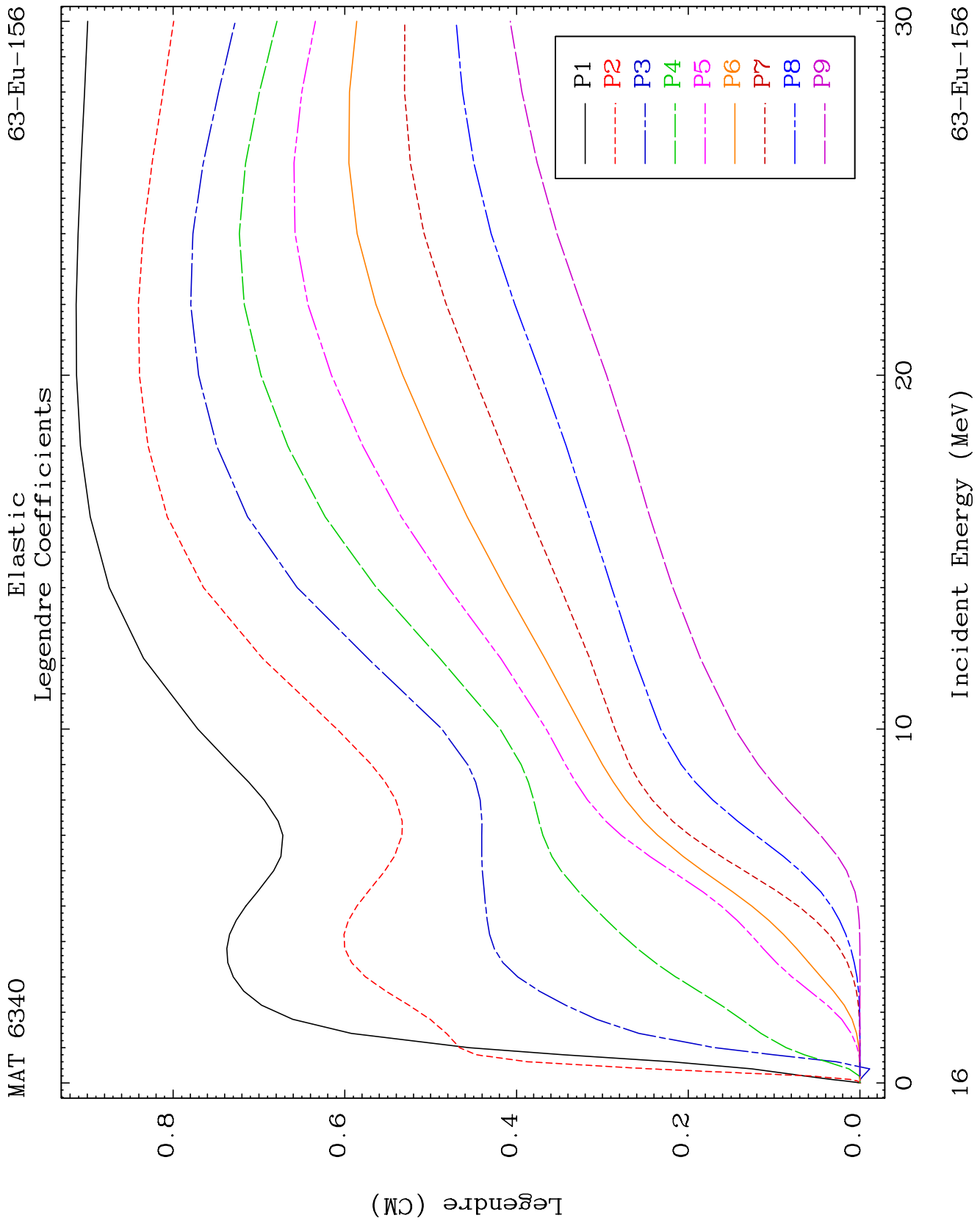
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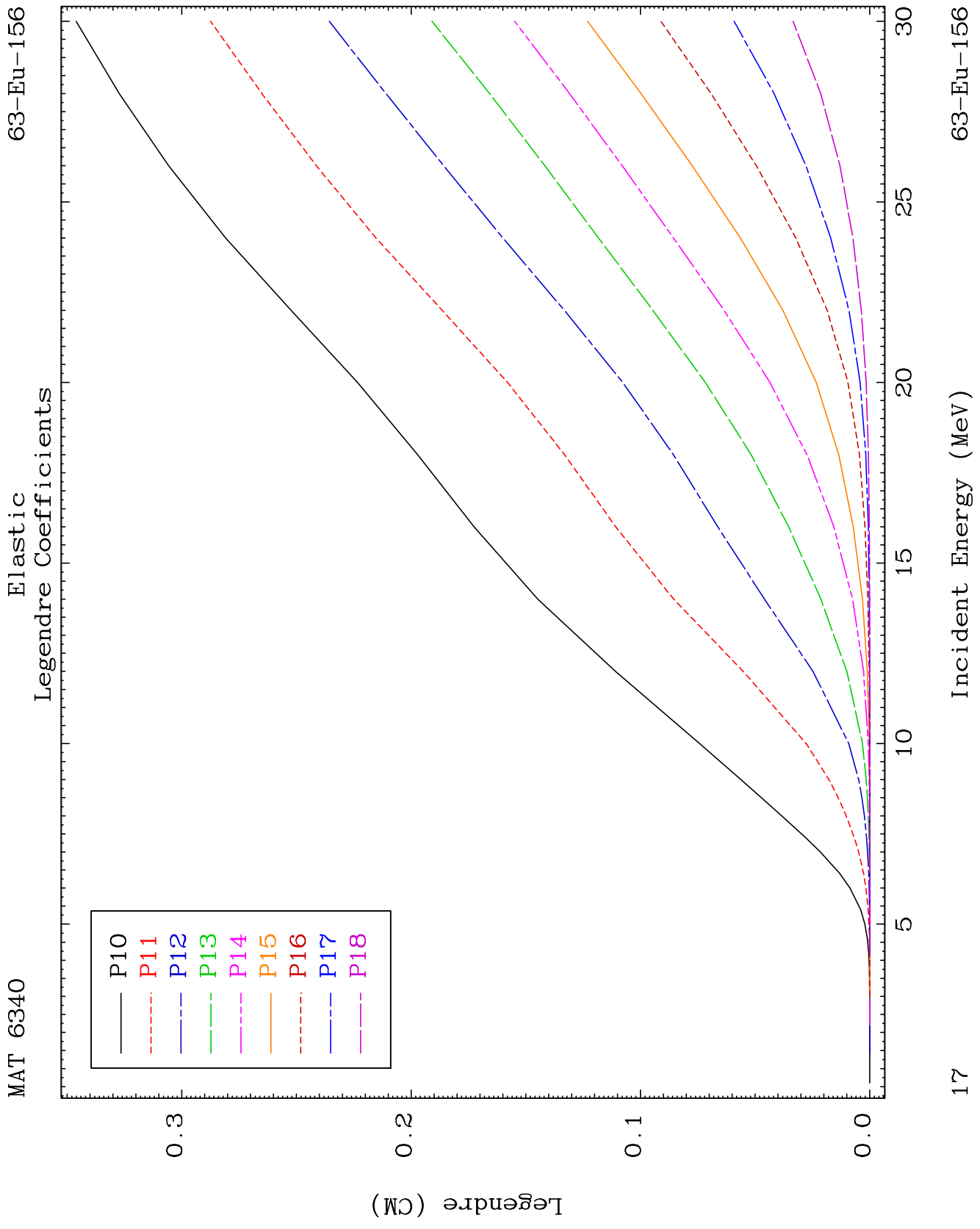
Incident Energy (MeV)

63-Eu-156









MAT 6340

Elastic Legendre Coefficients

$^{63}\text{Eu-156}$

17

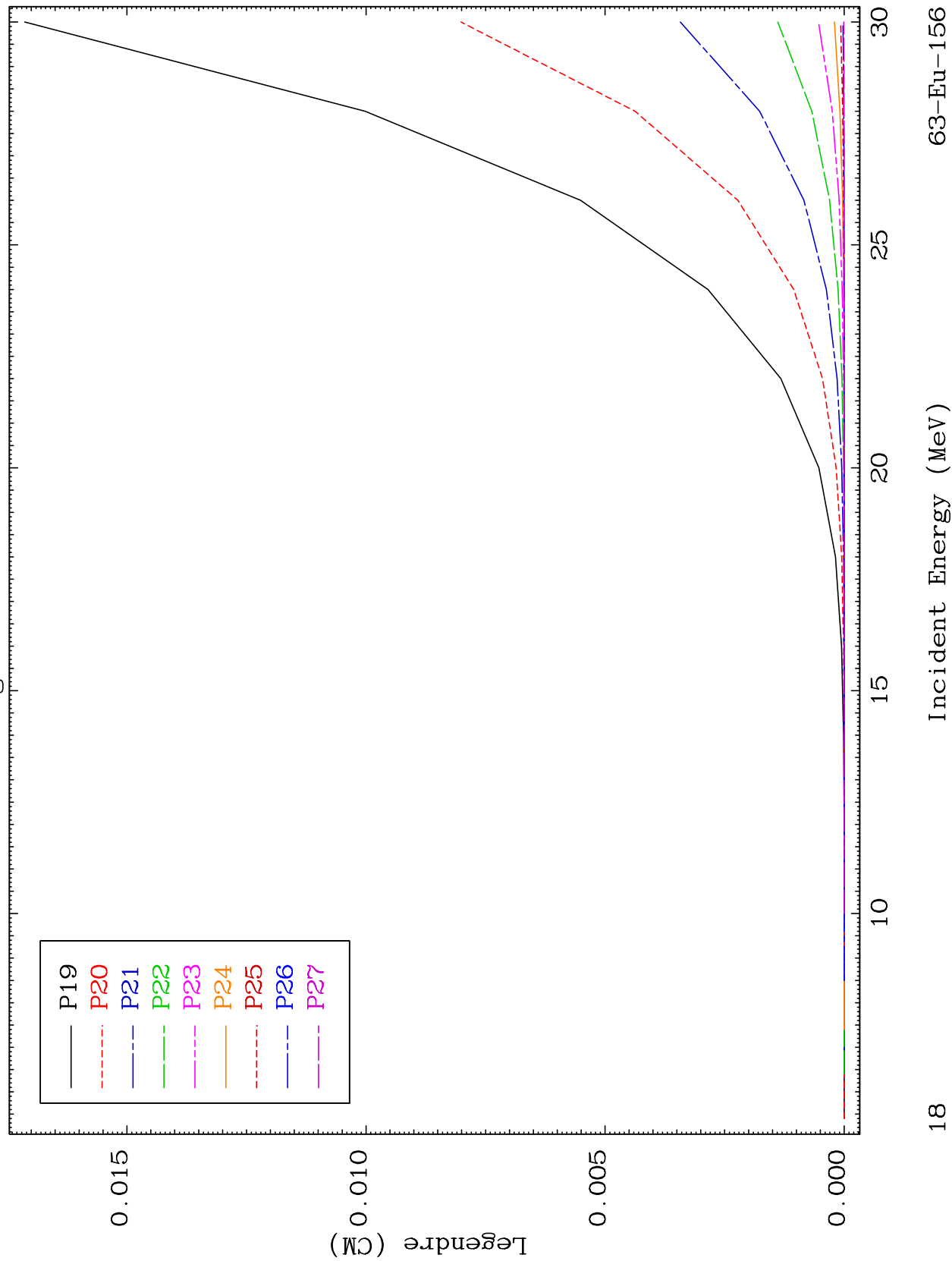
Incident Energy (MeV)

$^{63}\text{Eu-156}$

MAT 6340

Elastic Legendre Coefficients

63-Eu-156



18

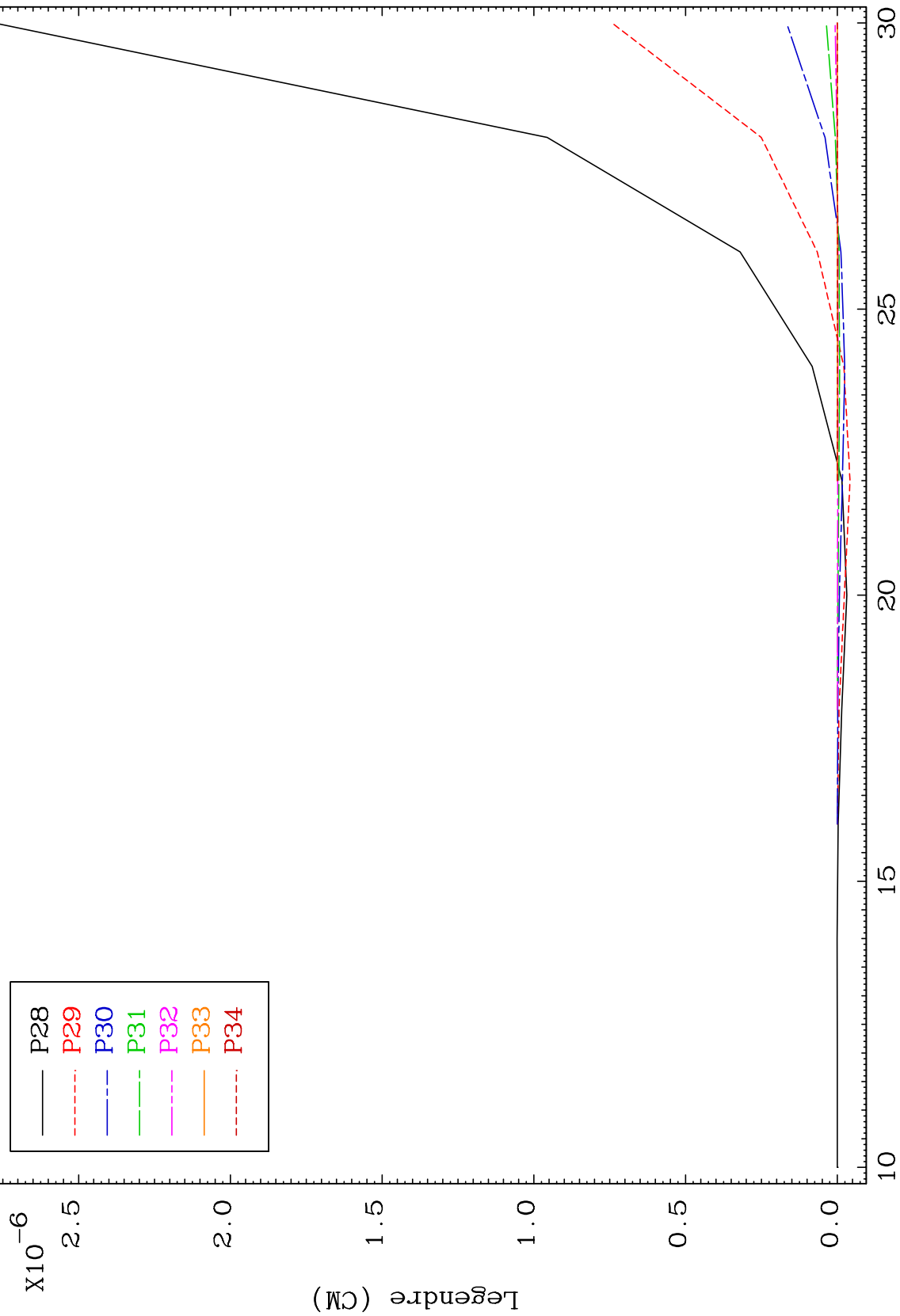
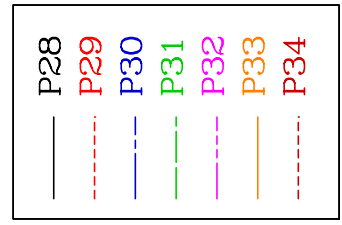
Incident Energy (MeV)

63-Eu-156

MAT 6340

Elastic Legendre Coefficients

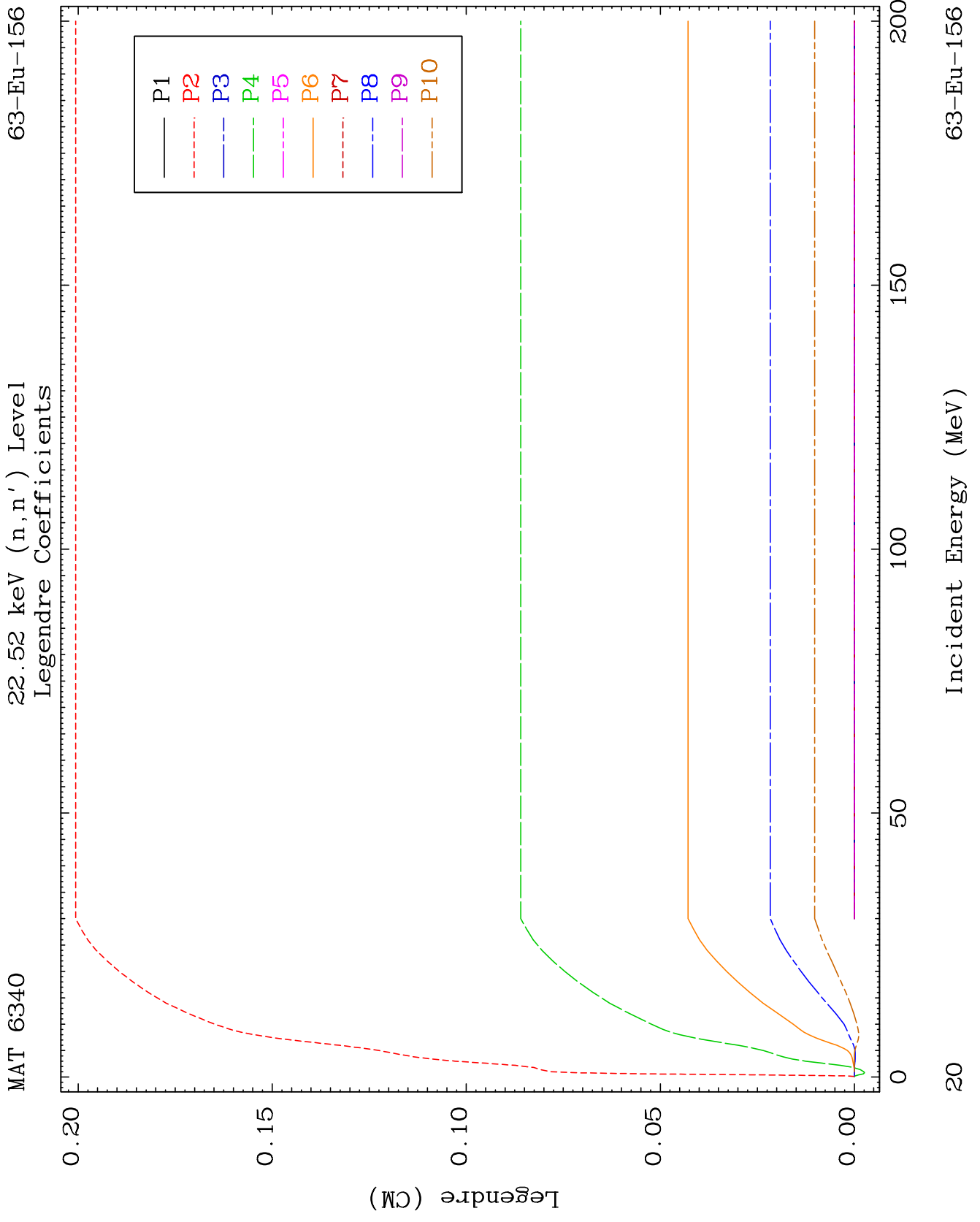
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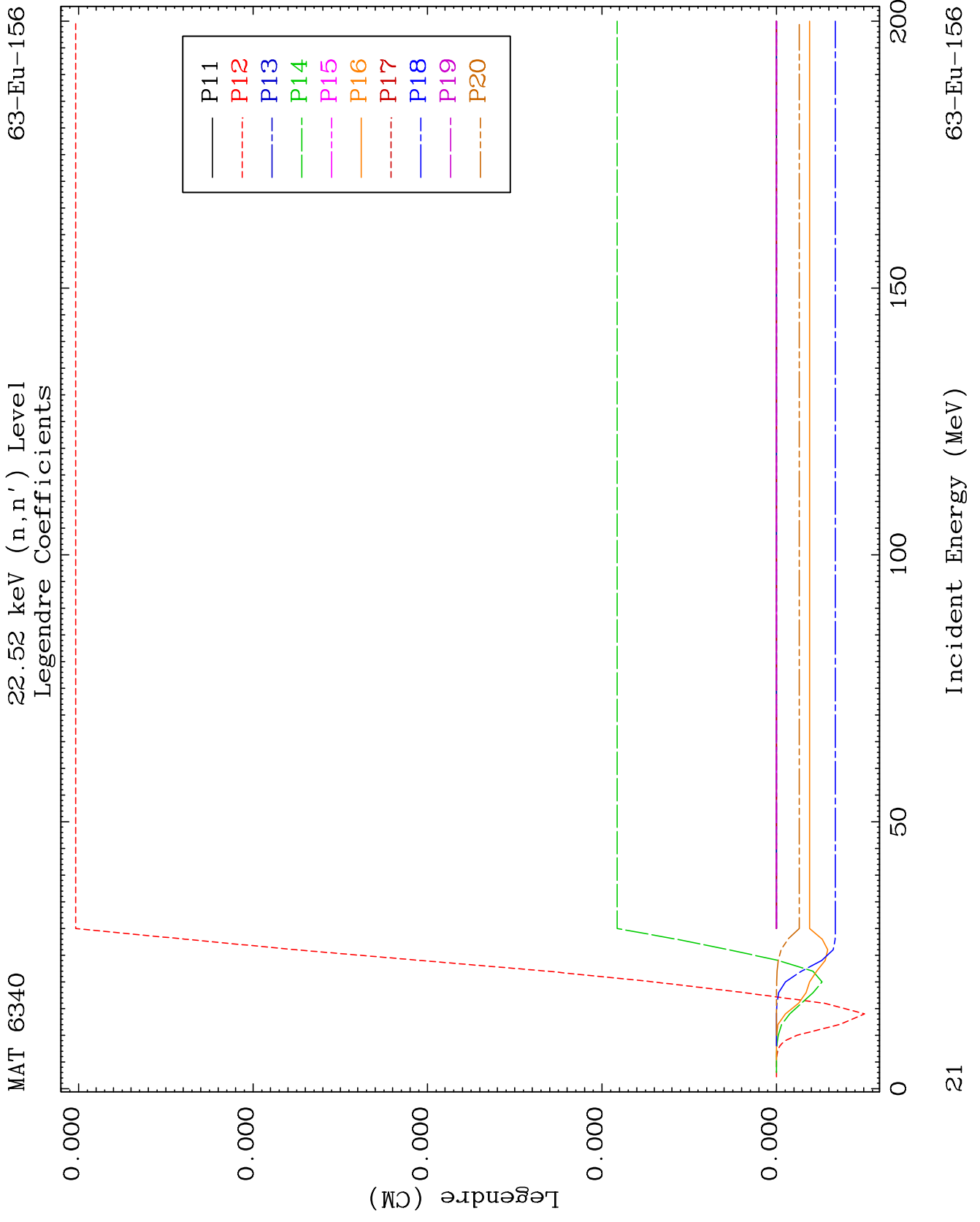


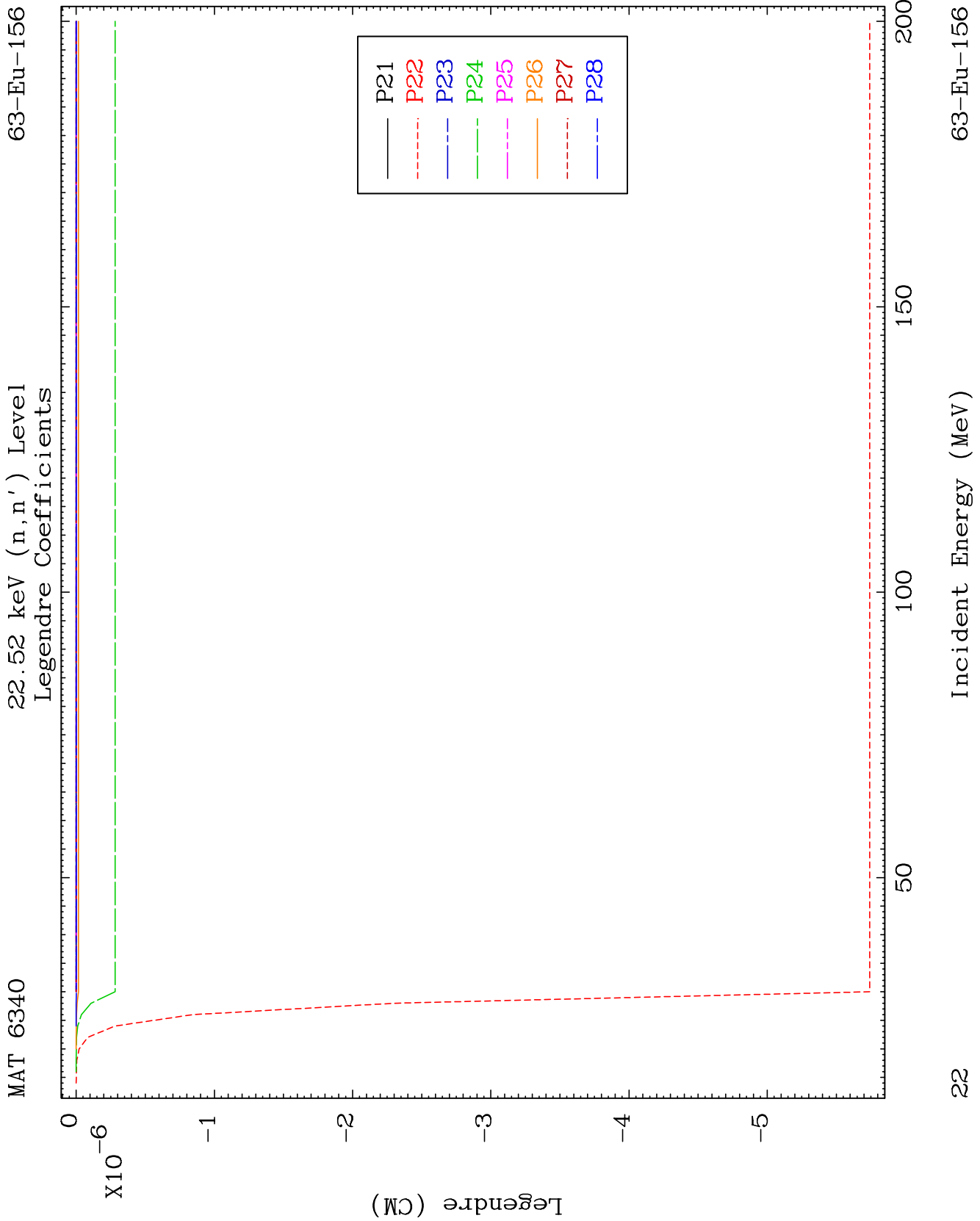
63-Eu-156

Incident Energy (MeV)

19



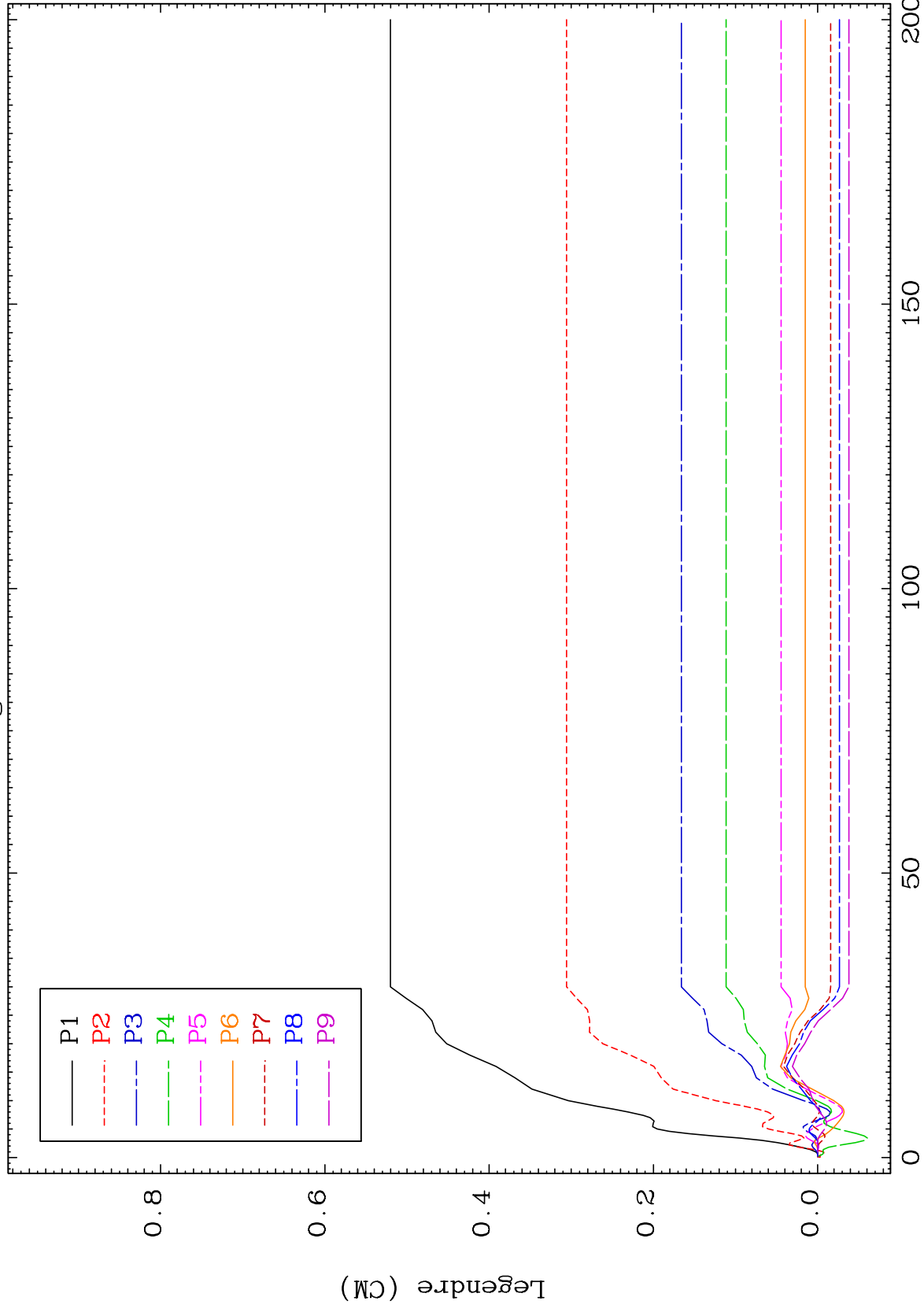




MAT 6340

47.67 keV (n,n') Level
Legendre Coefficients

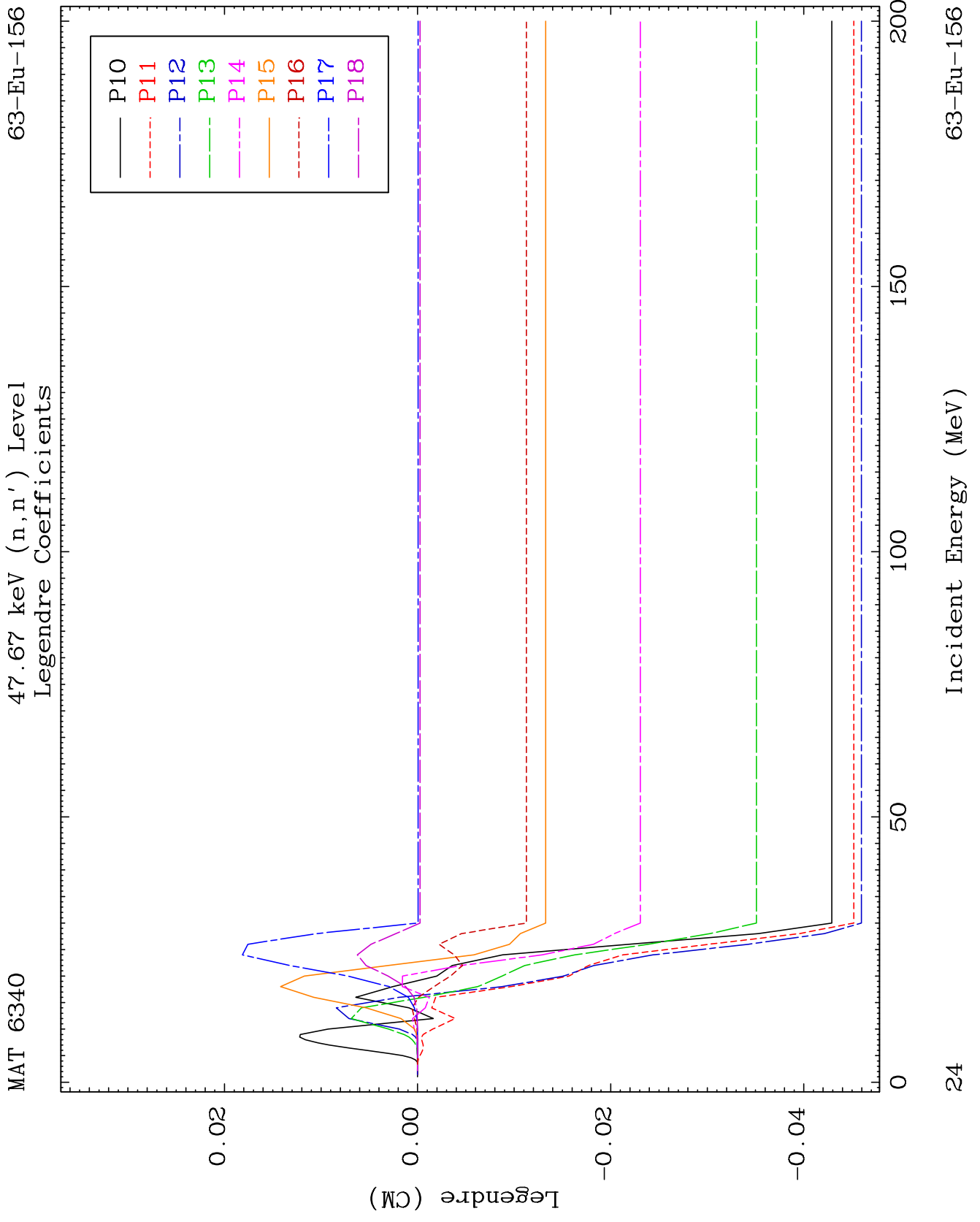
63-Eu-156



23

Incident Energy (MeV)

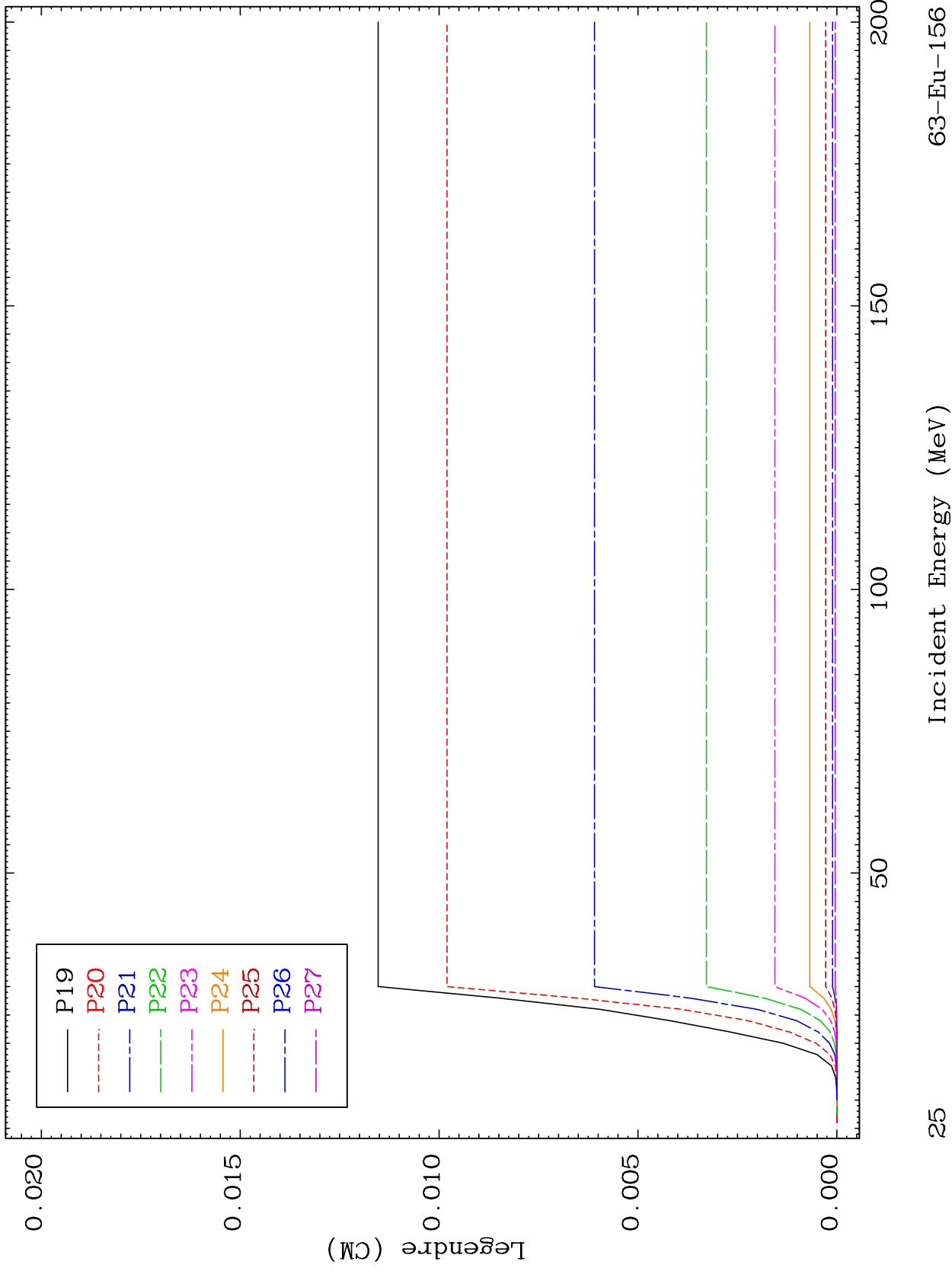
63-Eu-156



MAT 6340

47.67 keV (n,n') Level
Legendre Coefficients

63-Eu-156



25

Incident Energy (MeV)

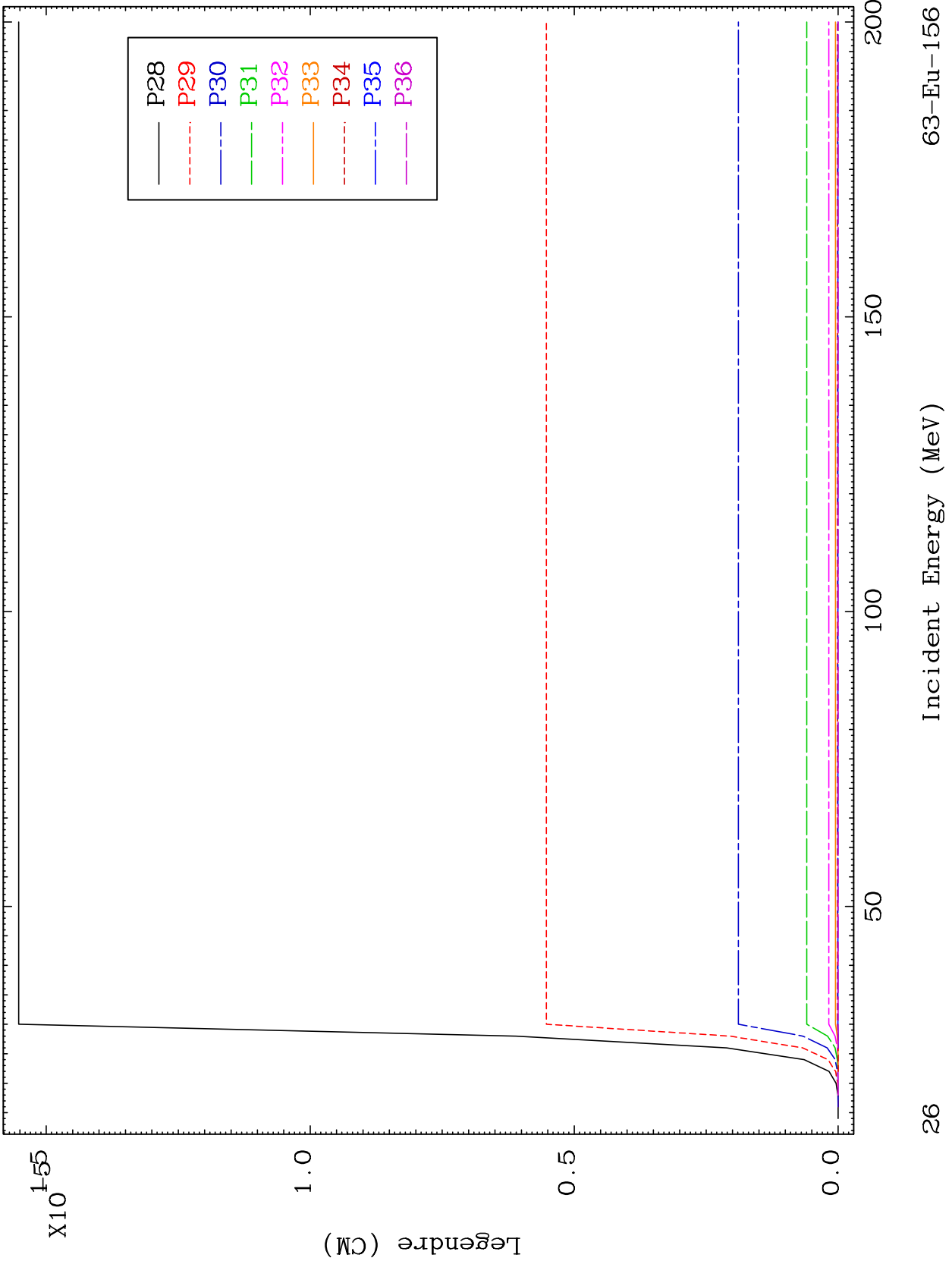
63-Eu-156

MAT 6340

47.67 keV (n,n') Level

63-Eu-156

Legendre Coefficients



63-Eu-156

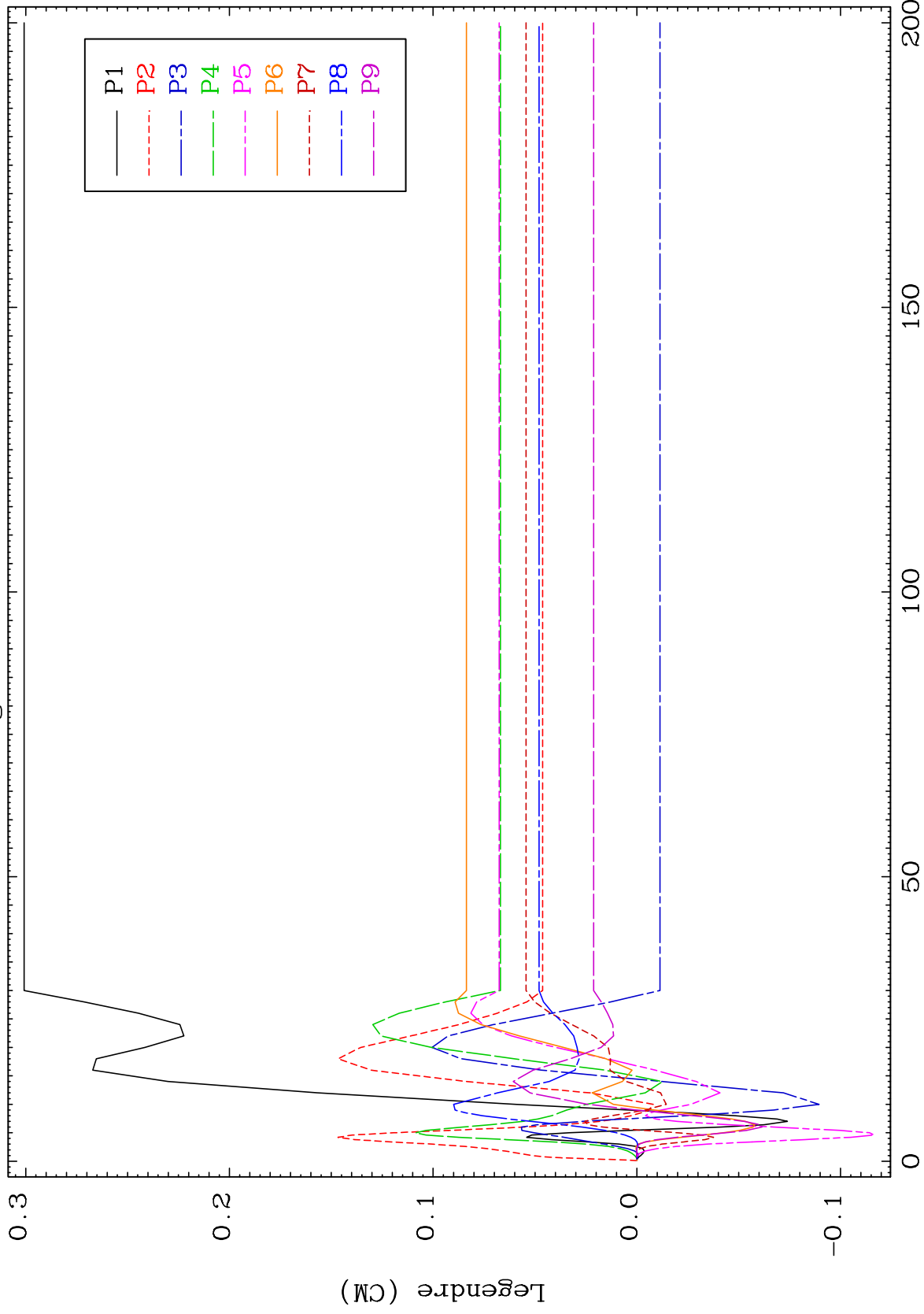
Incident Energy (MeV)

26

MAT 6340

87.49 keV (n,n') Level
Legendre Coefficients

63-Eu-156



27

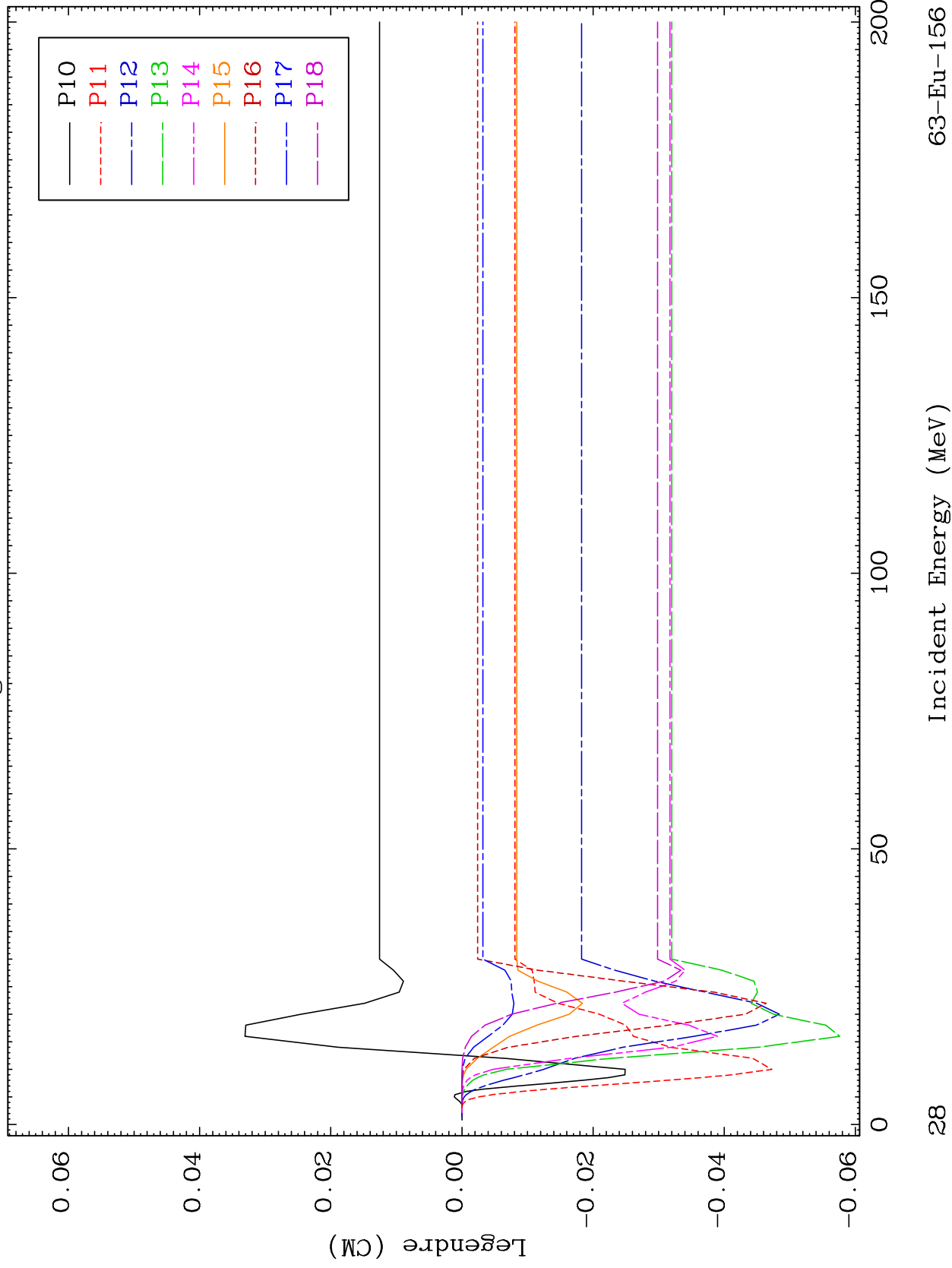
Incident Energy (MeV)

63-Eu-156

MAT 6340

87.49 keV (n, n') Level
Legendre Coefficients

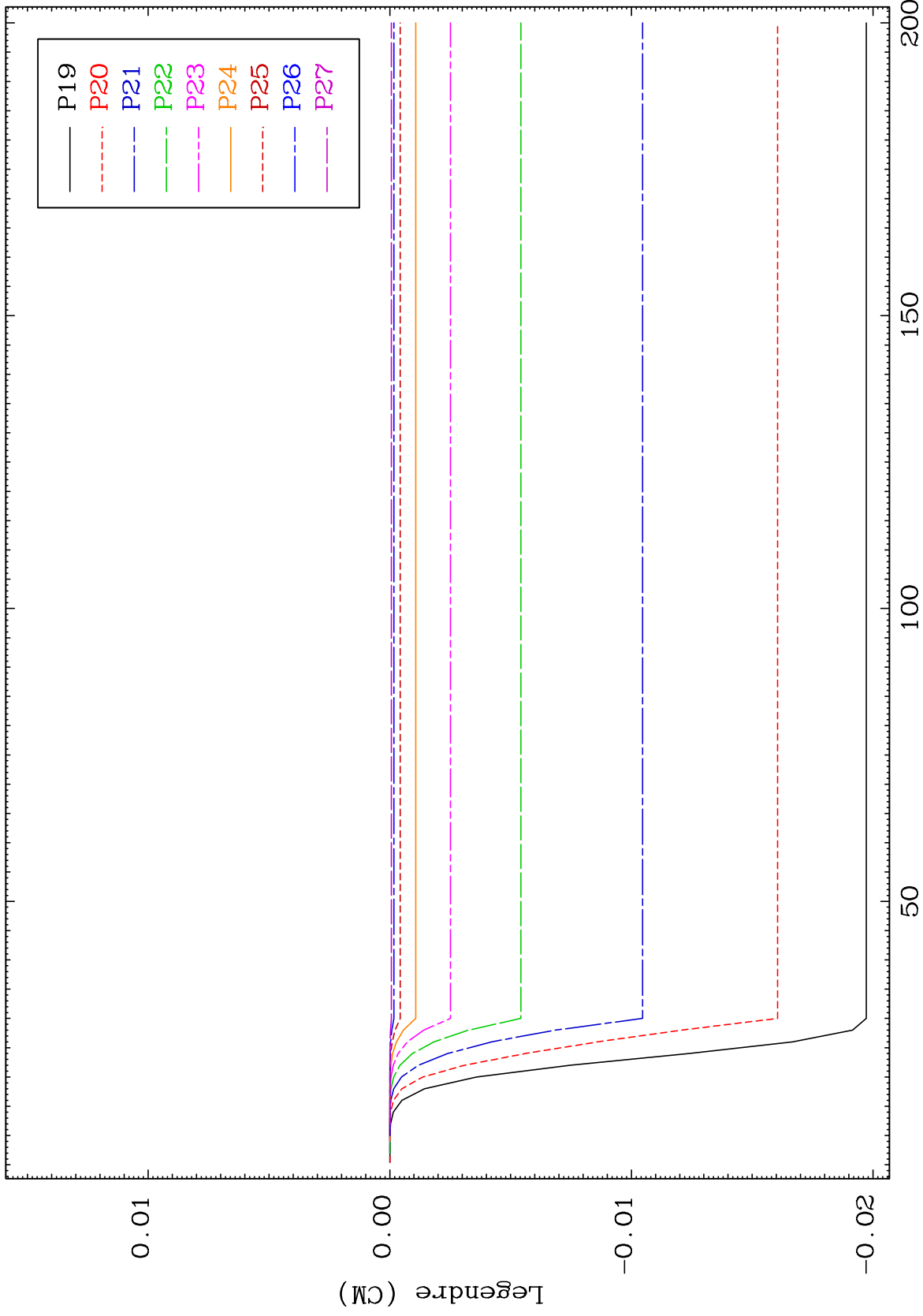
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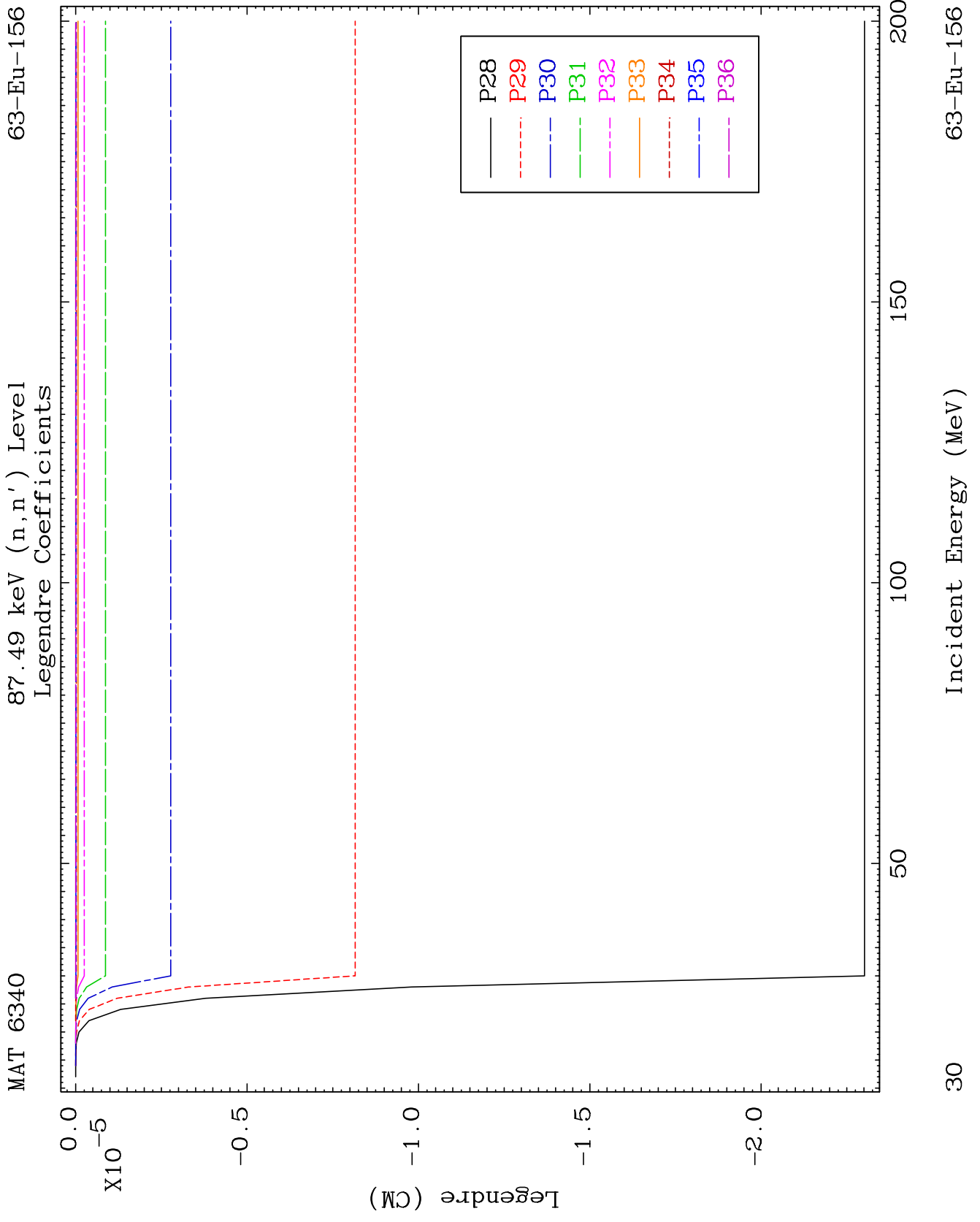


28

Incident Energy (MeV)

63-Eu-156

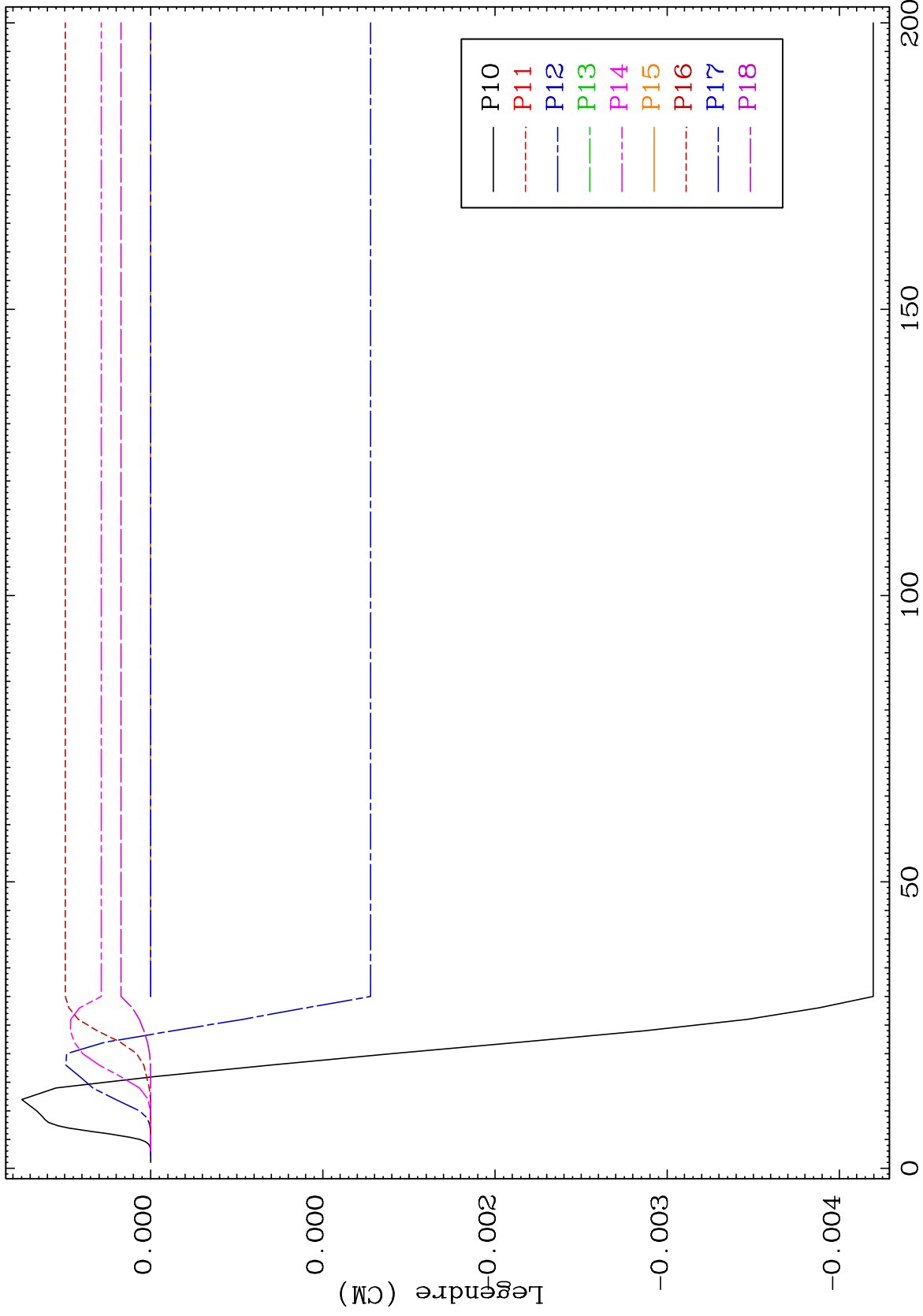




MAT 6340

103.6 keV (n, n') Level
Legendre Coefficients

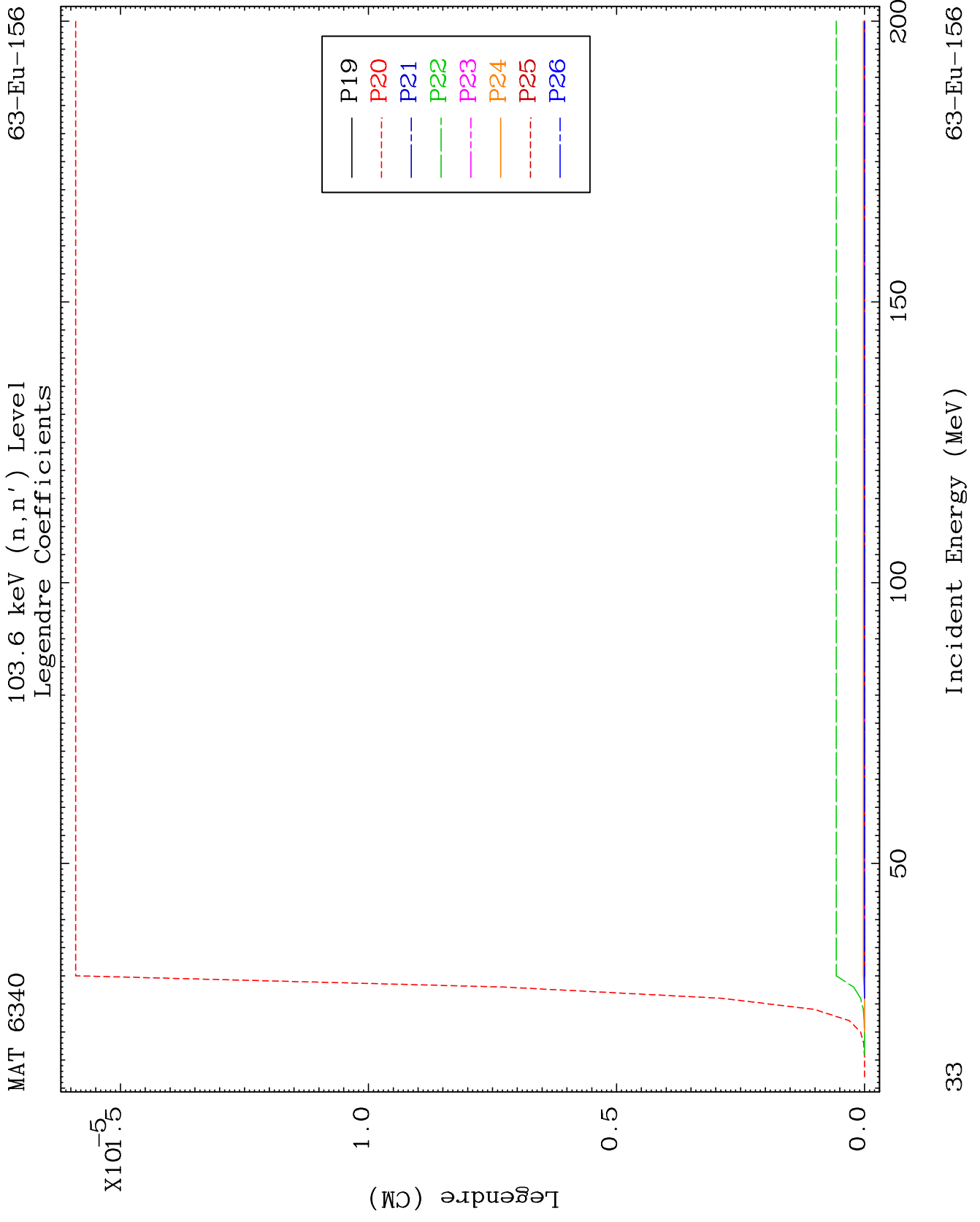
63-Eu-156



32

Incident Energy (MeV)

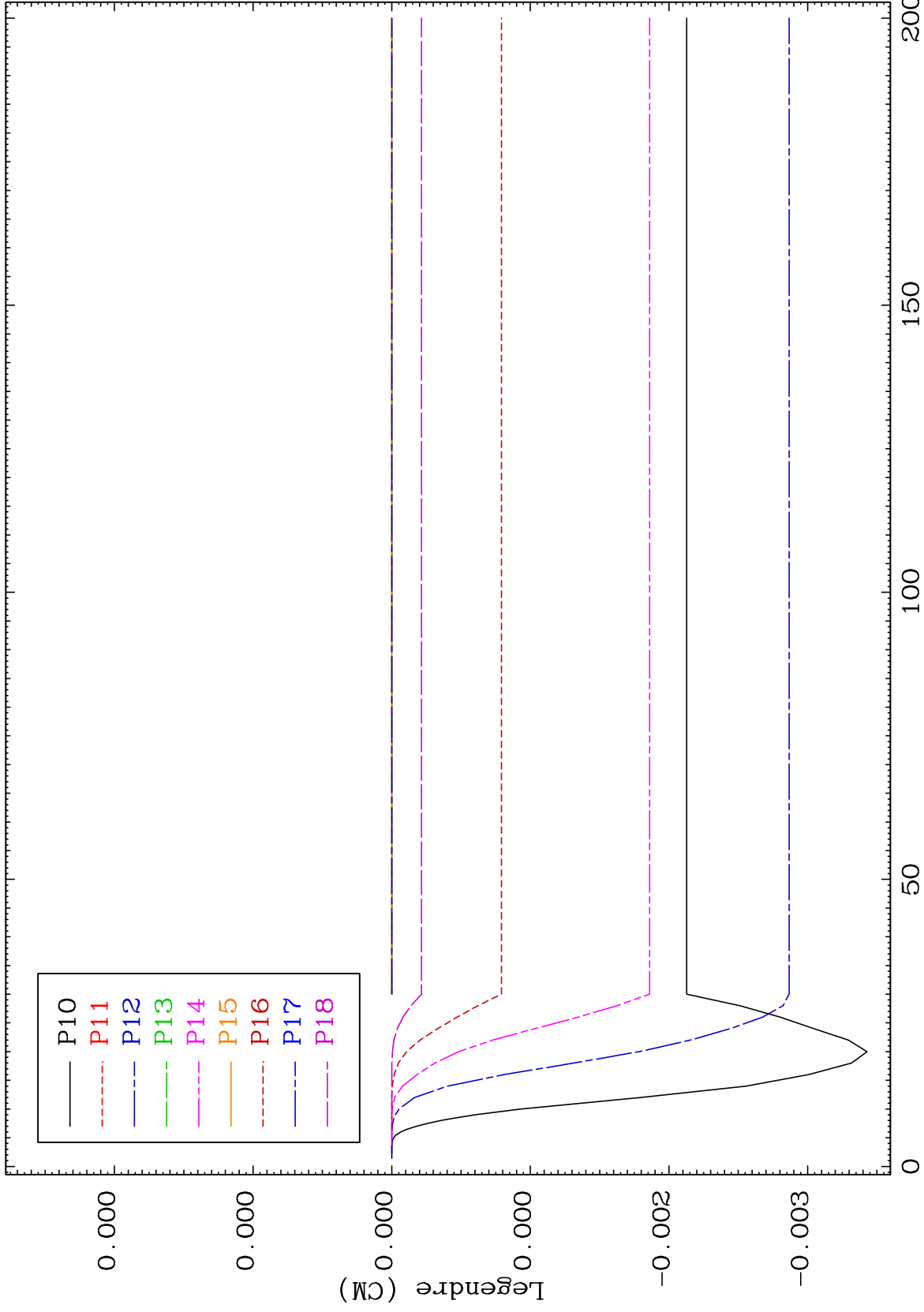
63-Eu-156



MAT 6340

125.5 keV (n, n') Level
Legendre Coefficients

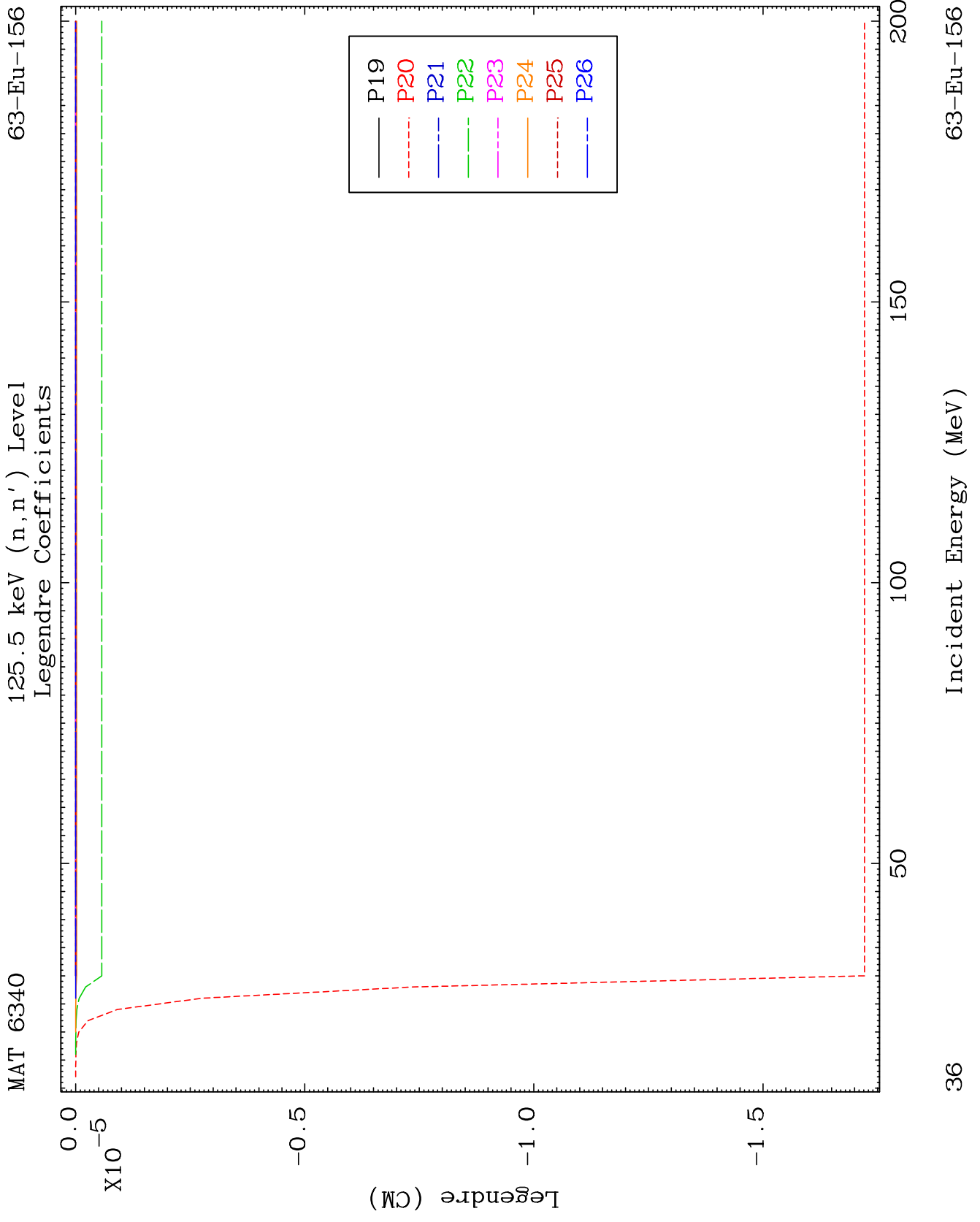
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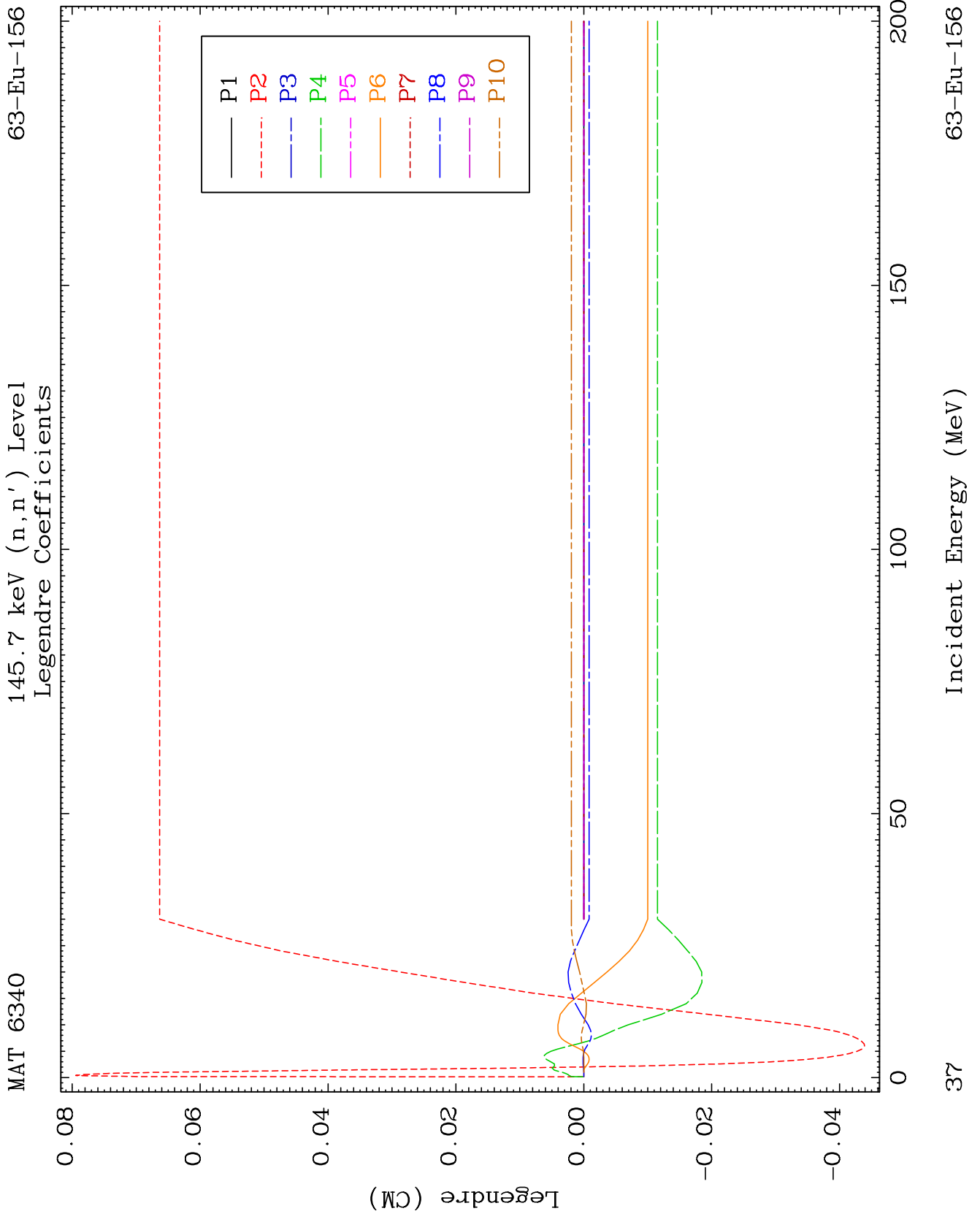


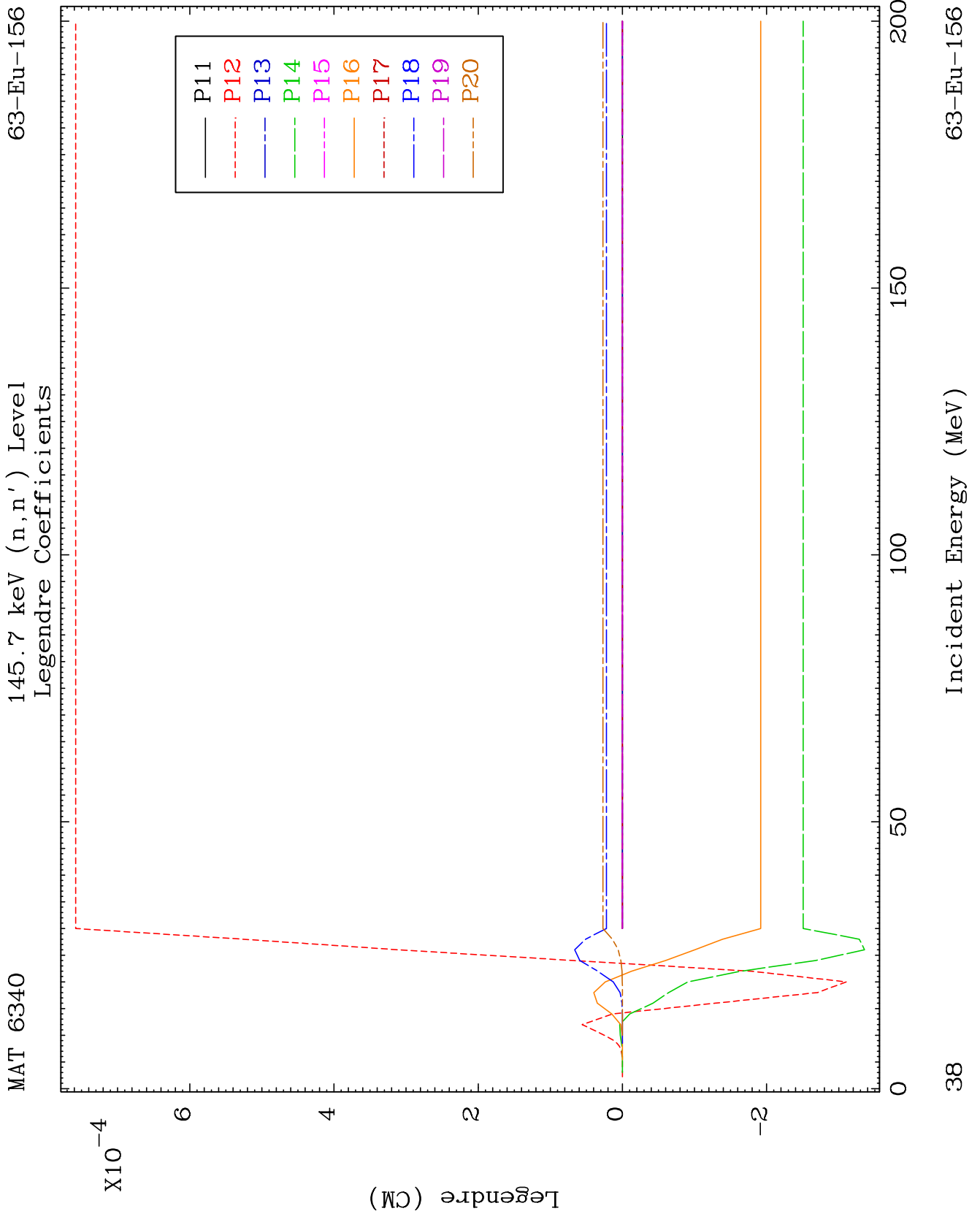
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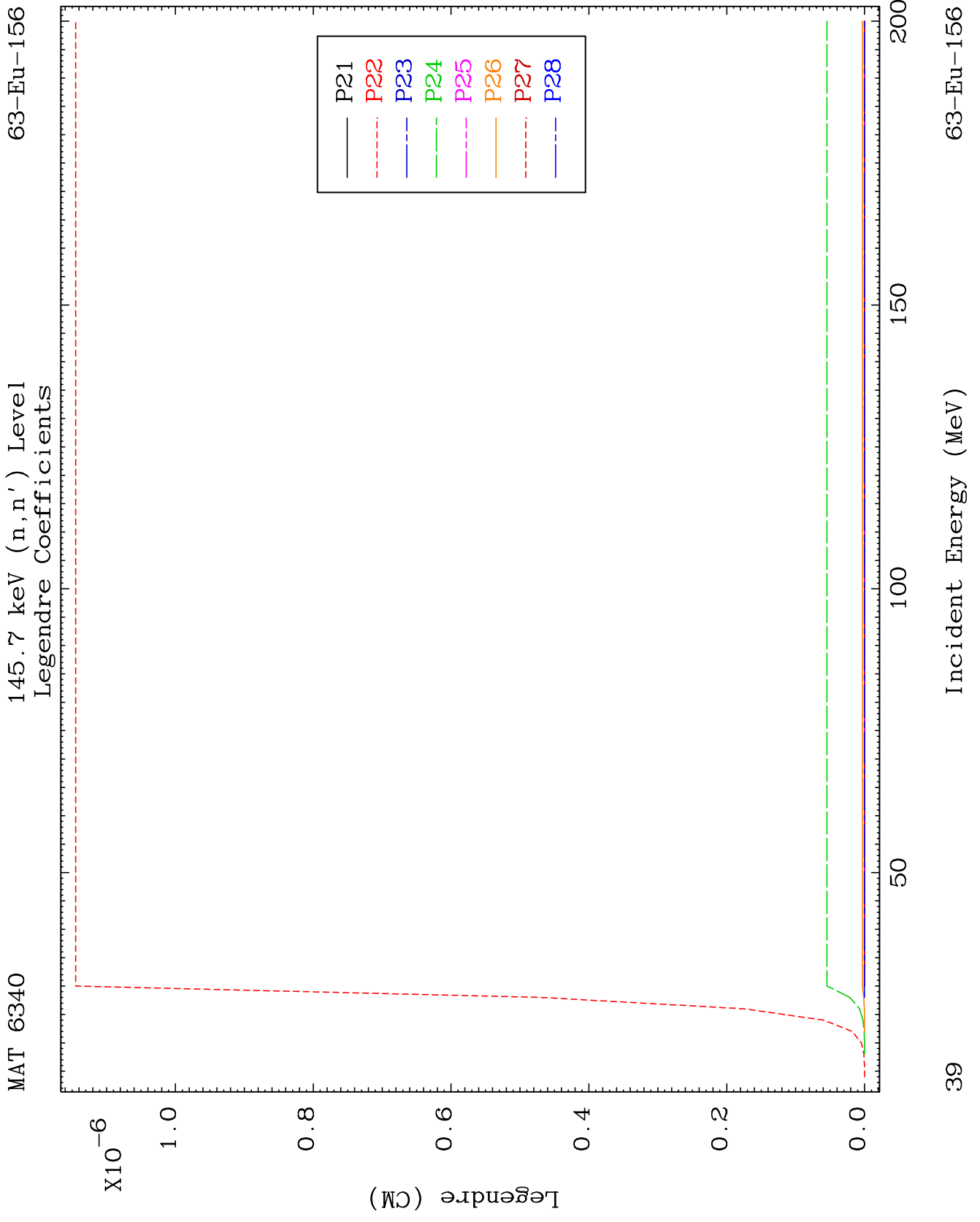
Incident Energy (MeV)

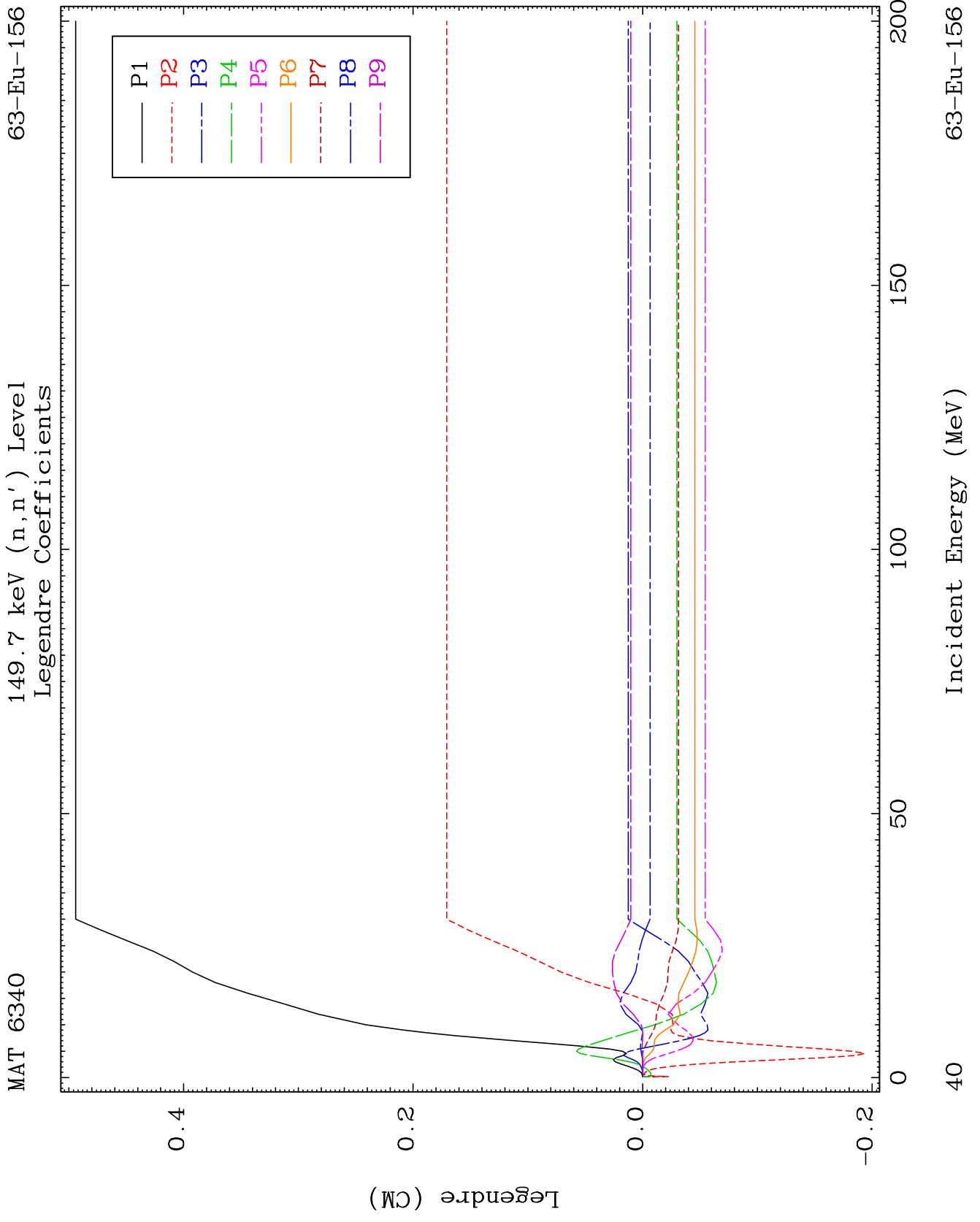
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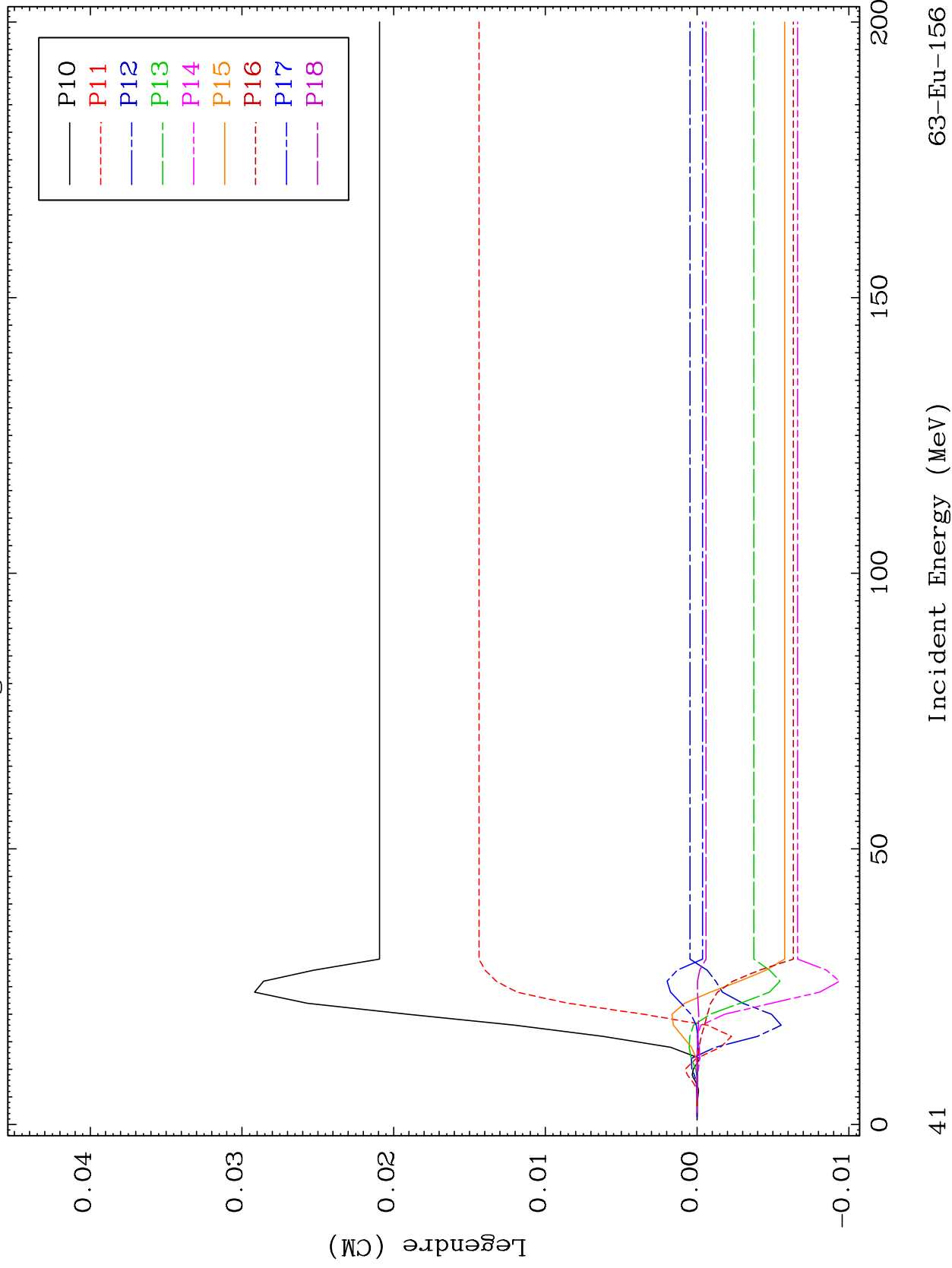




MAT 6340

149.7 keV (n,n') Level
Legendre Coefficients

63-Eu-156



63-Eu-156

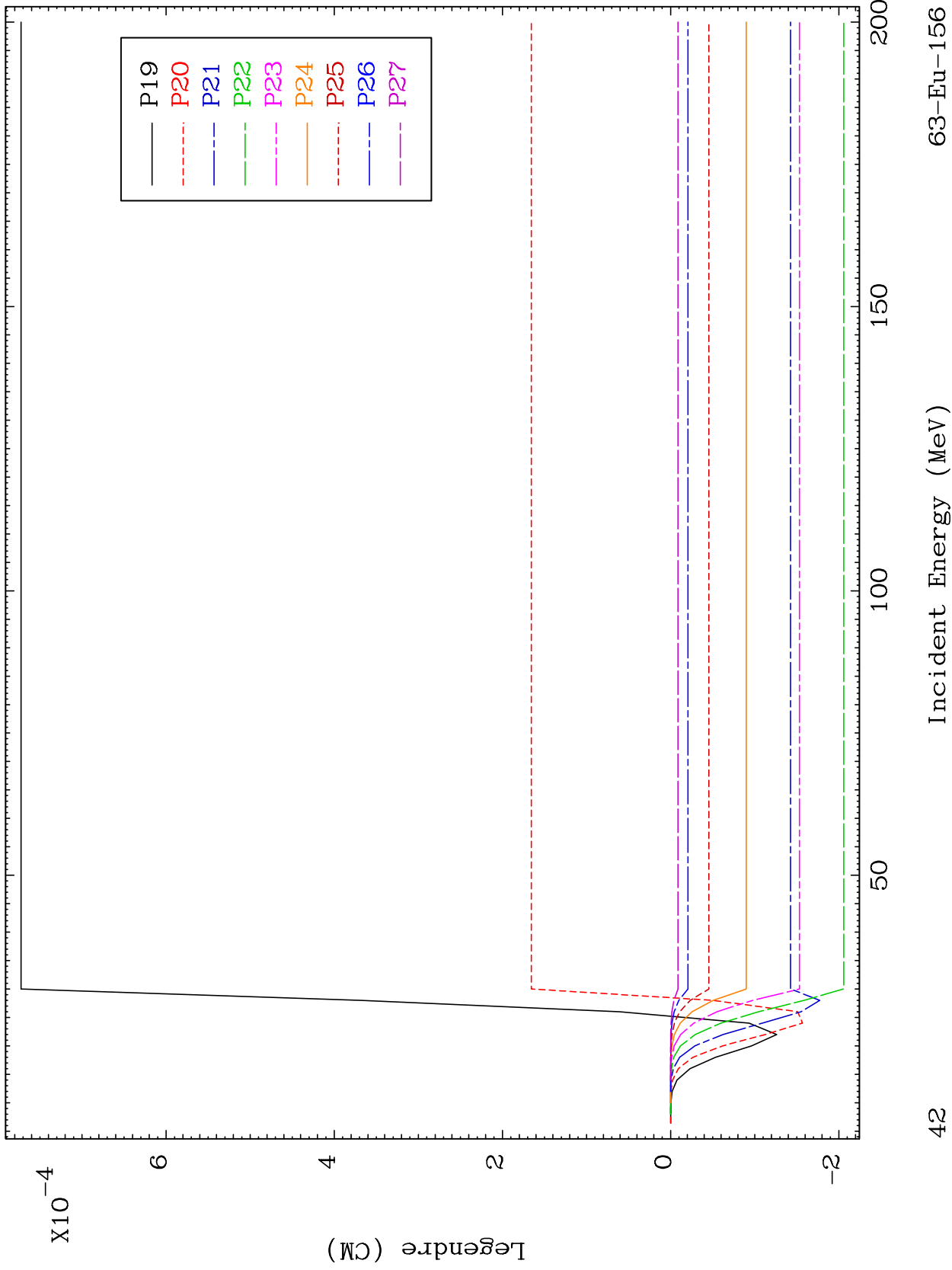
Incident Energy (MeV)

41

MAT 6340

149.7 keV (n, n') Level
Legendre Coefficients

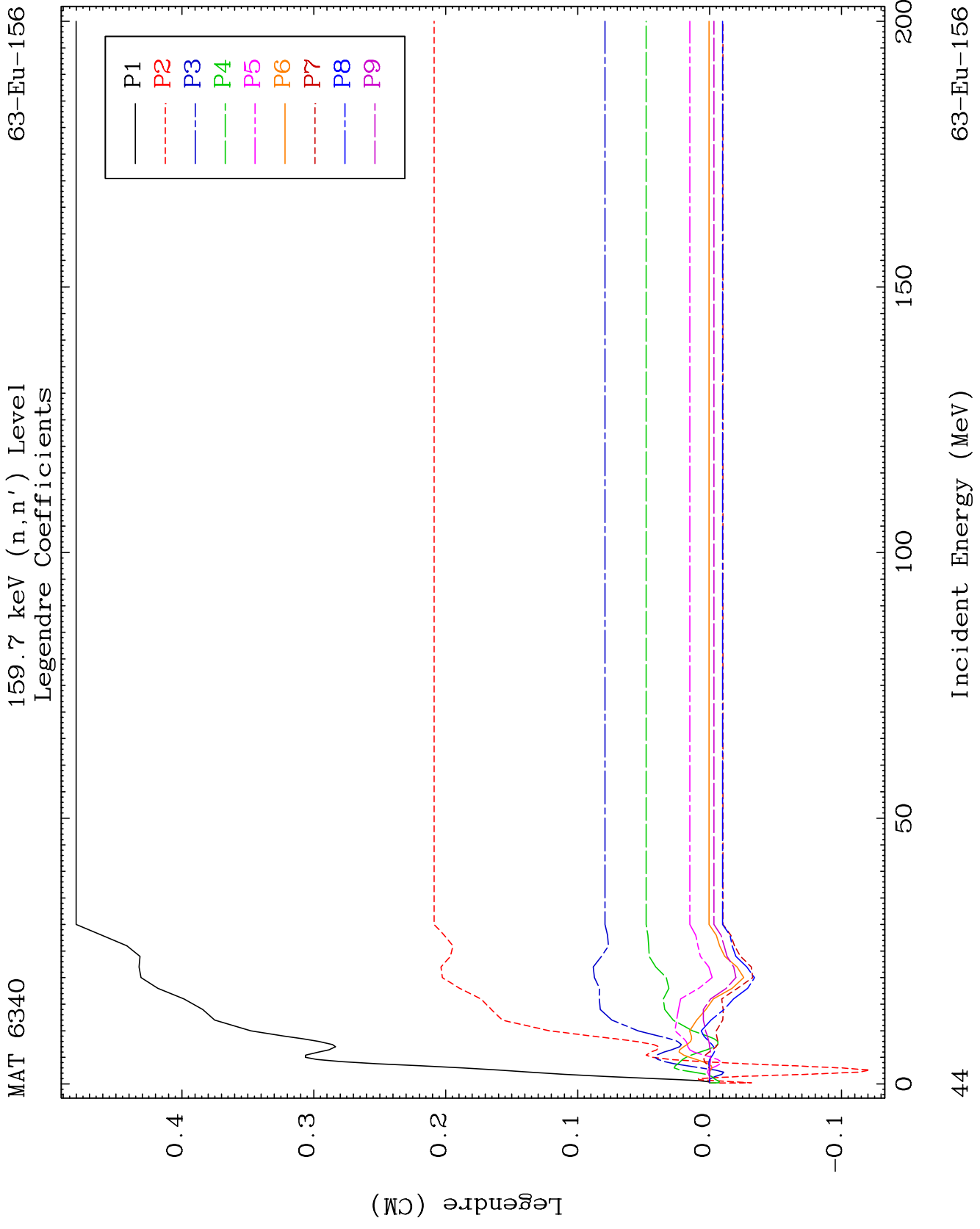
63-Eu-156



42

Incident Energy (MeV)

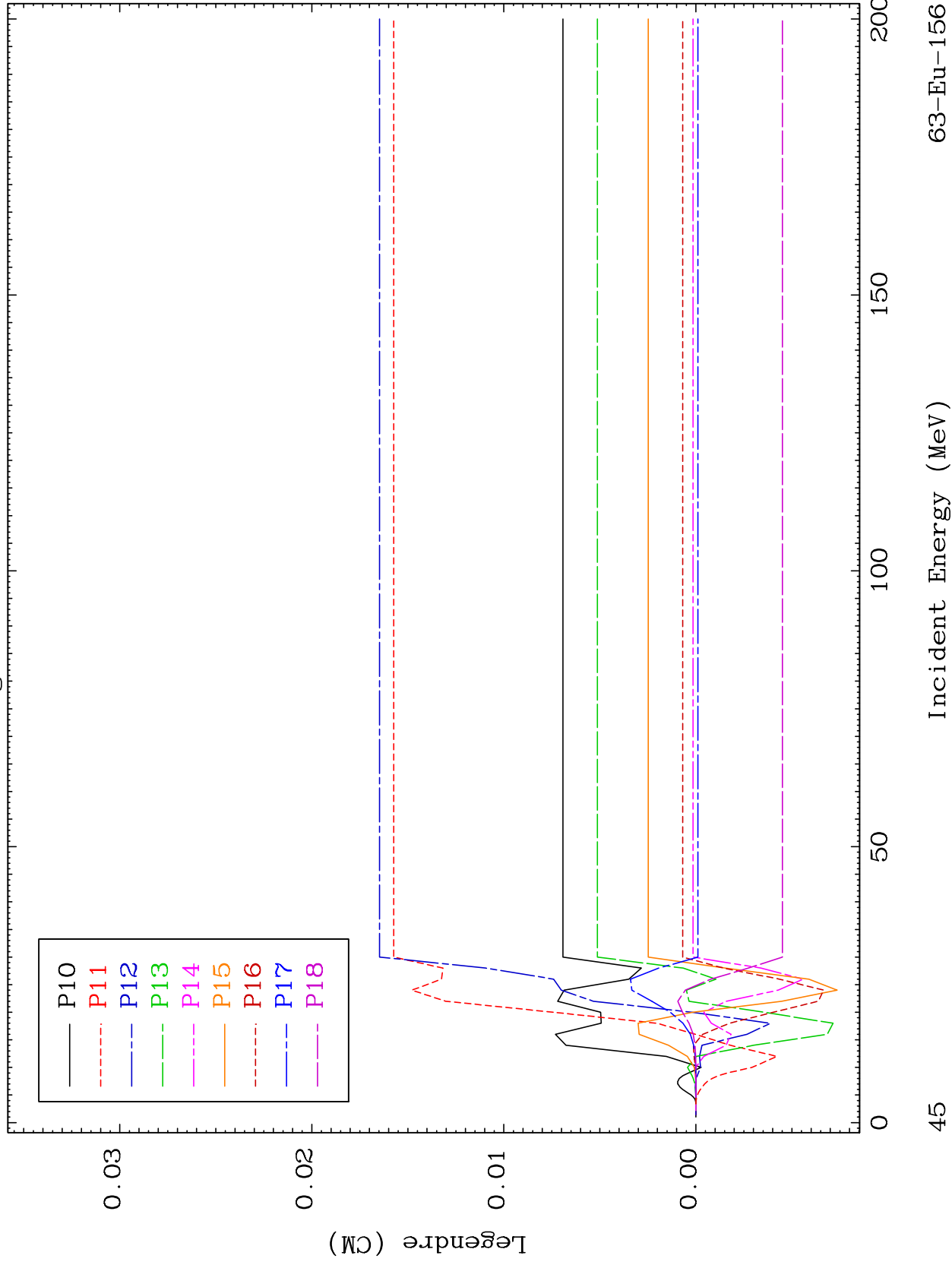
63-Eu-156



MAT 6340

159.7 keV (n,n') Level
Legendre Coefficients

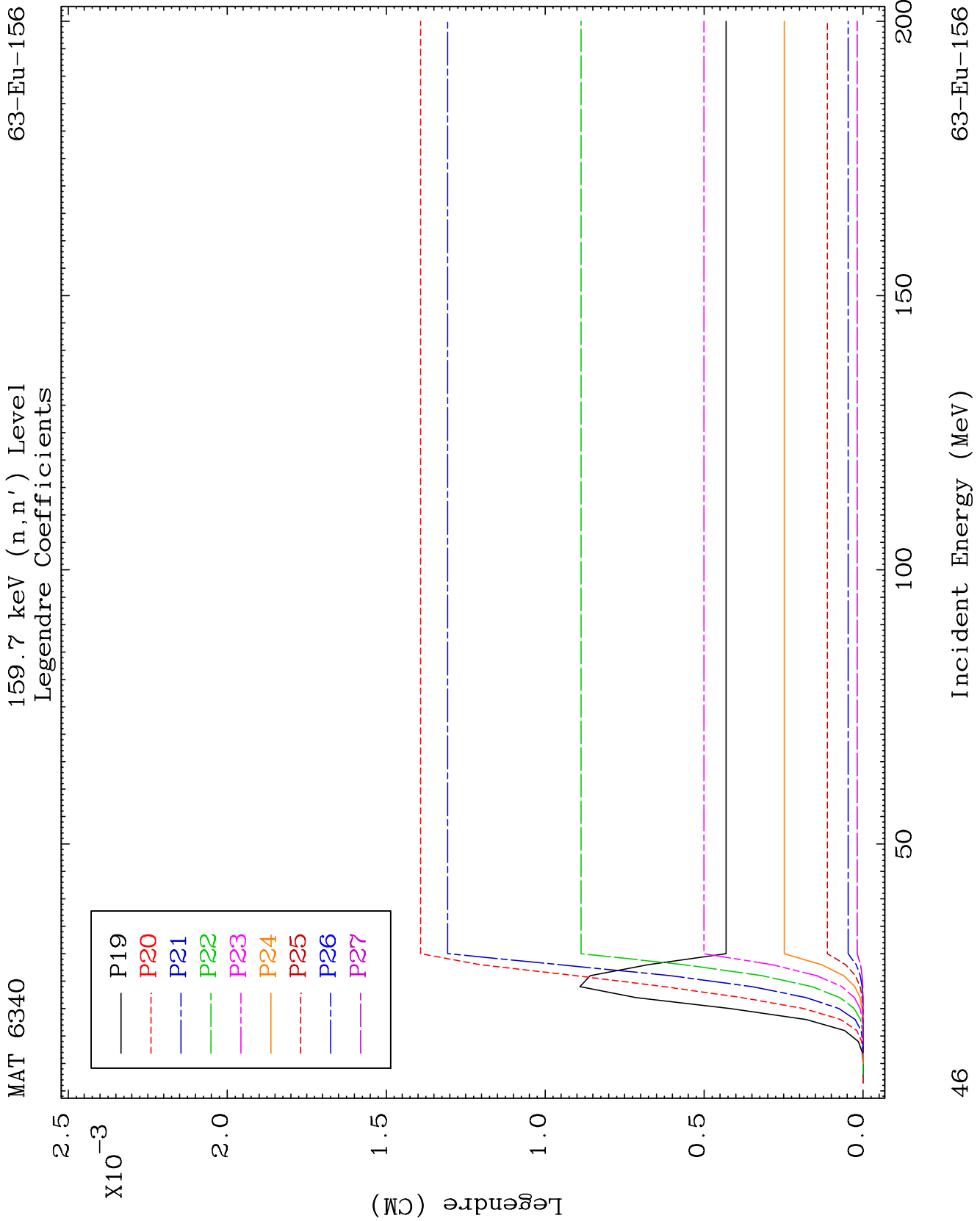
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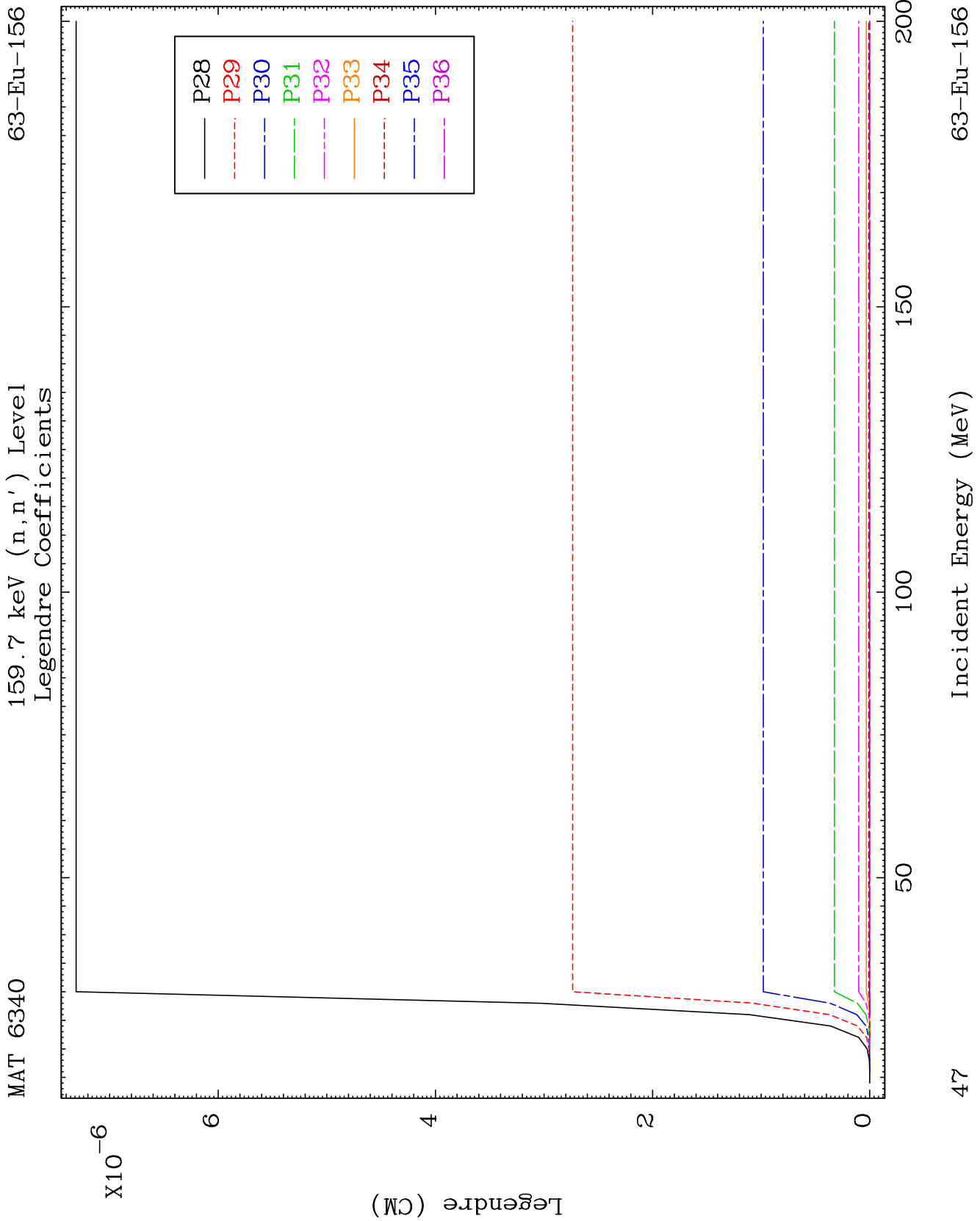


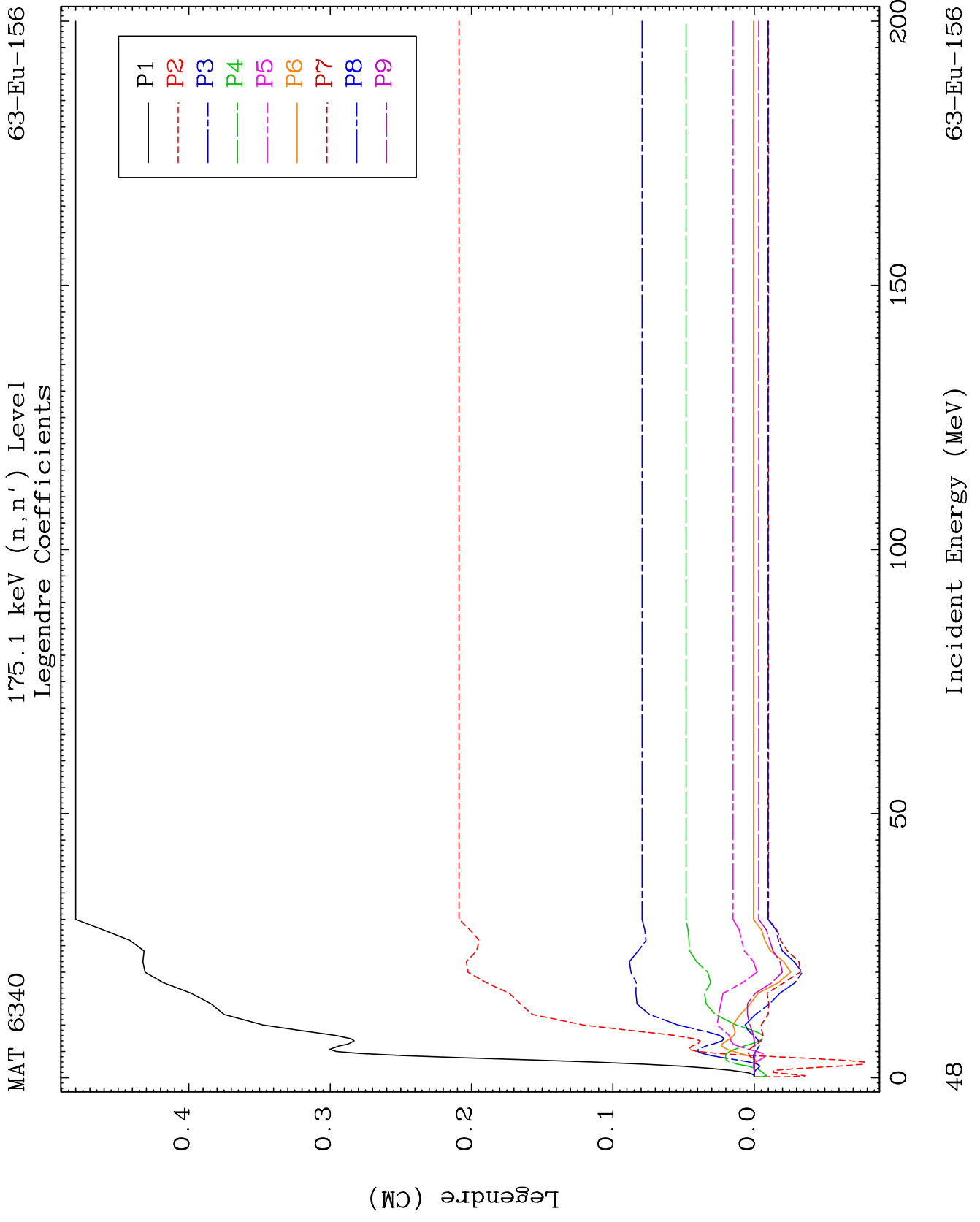
63-Eu-156

Incident Energy (MeV)

45



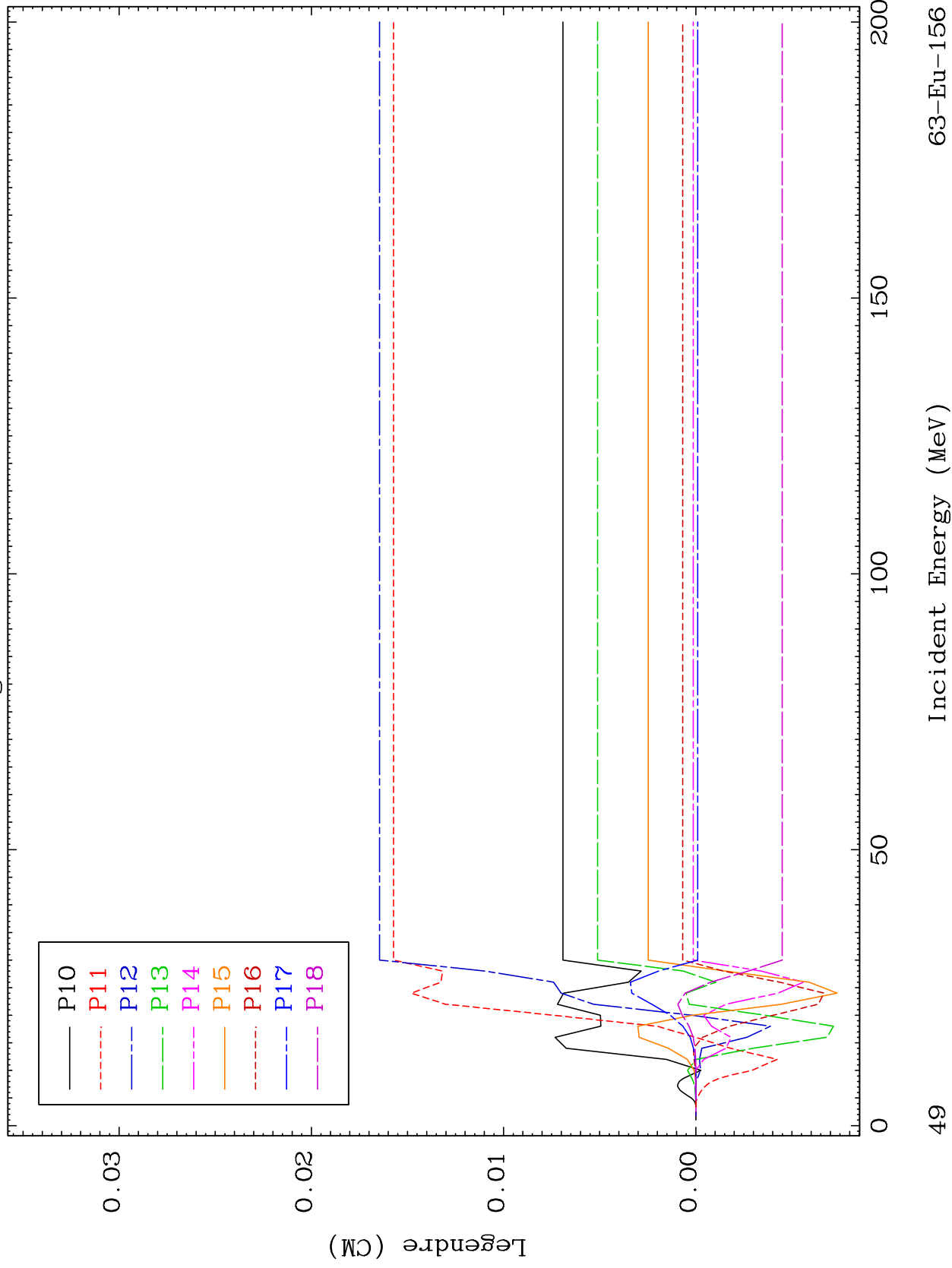




MAT 6340

175.1 keV (n, n') Level
Legendre Coefficients

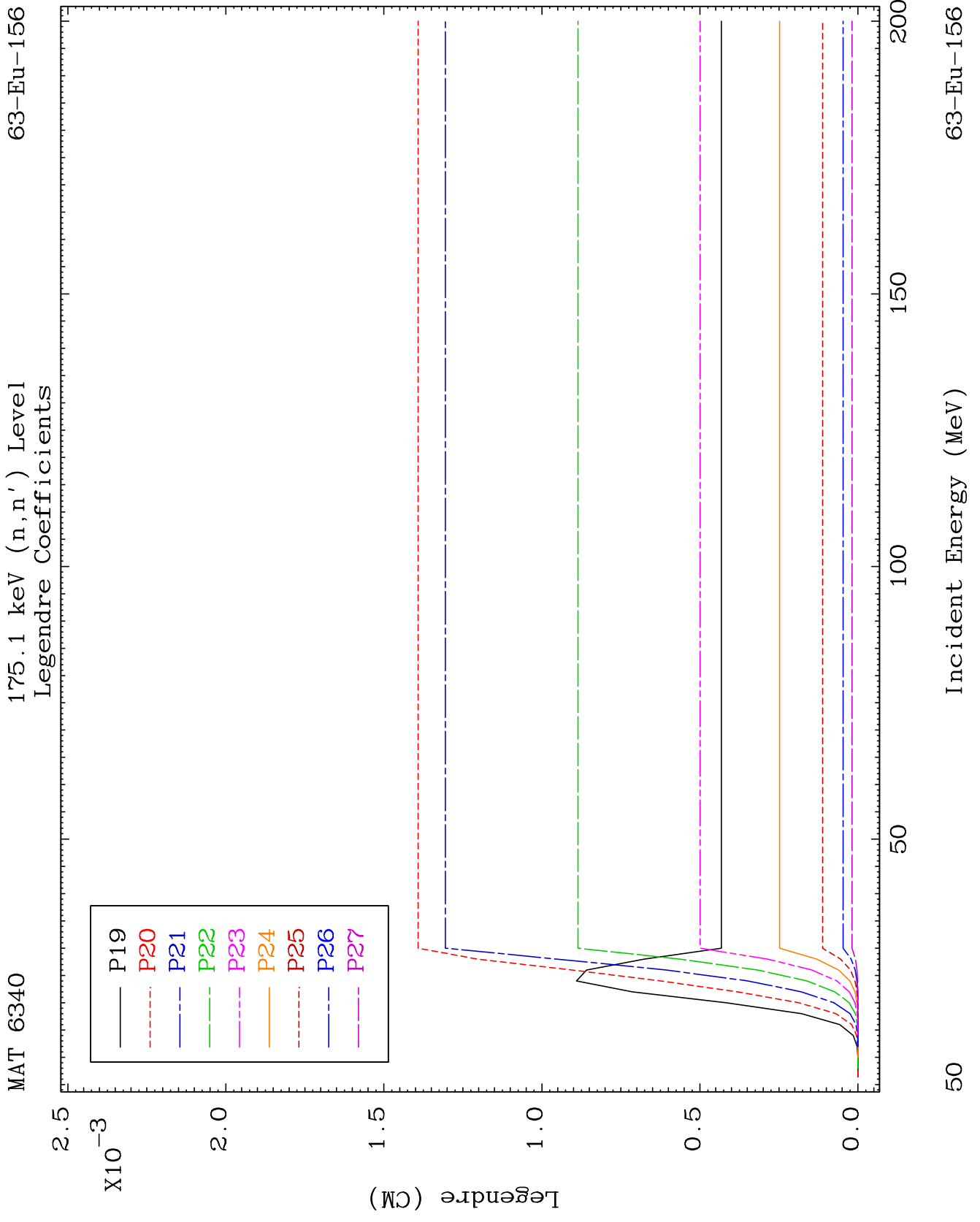
63-Eu-156



49

Incident Energy (MeV)

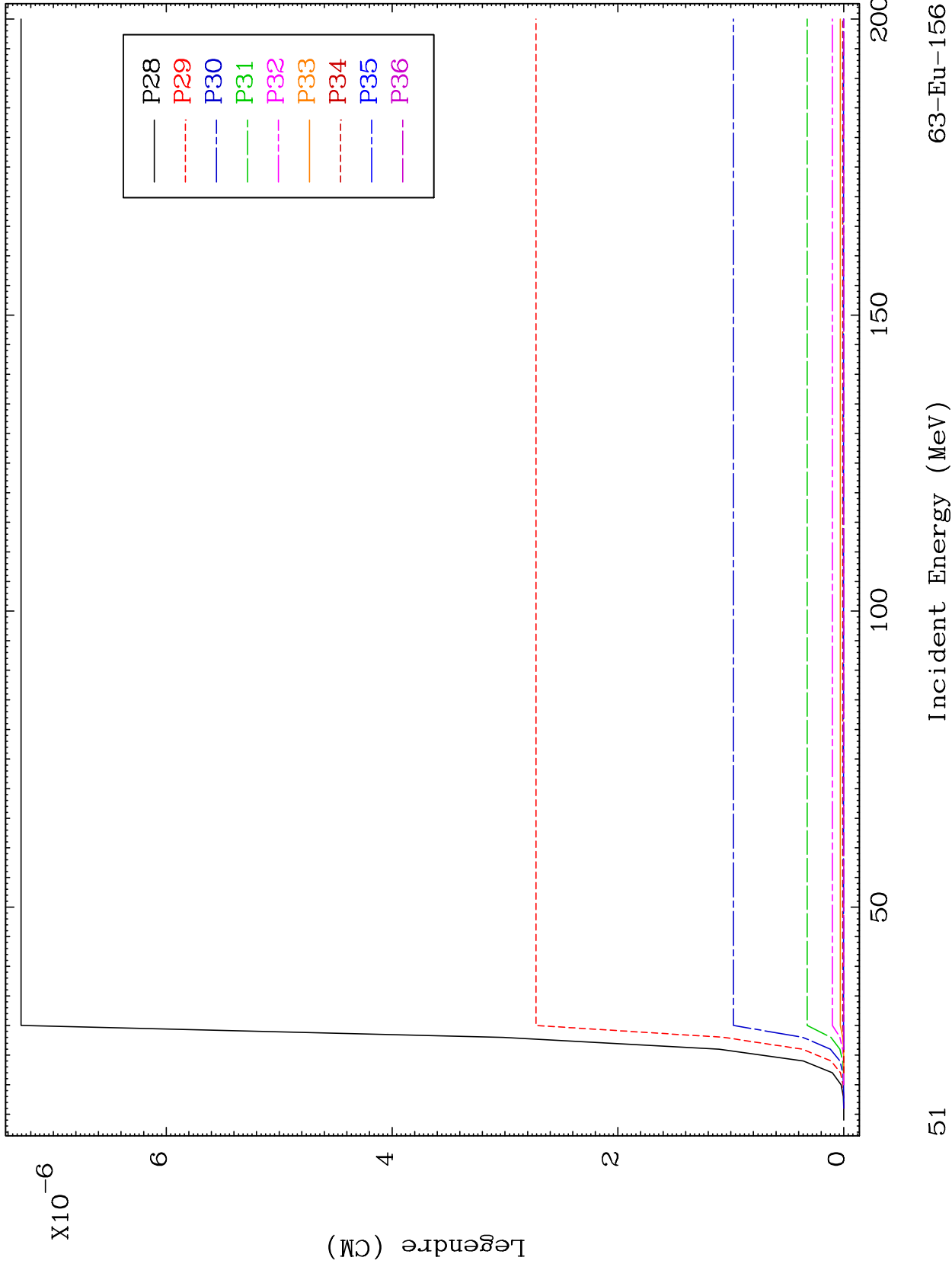
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MAT 6340

175.1 keV (n,n') Level
Legendre Coefficients

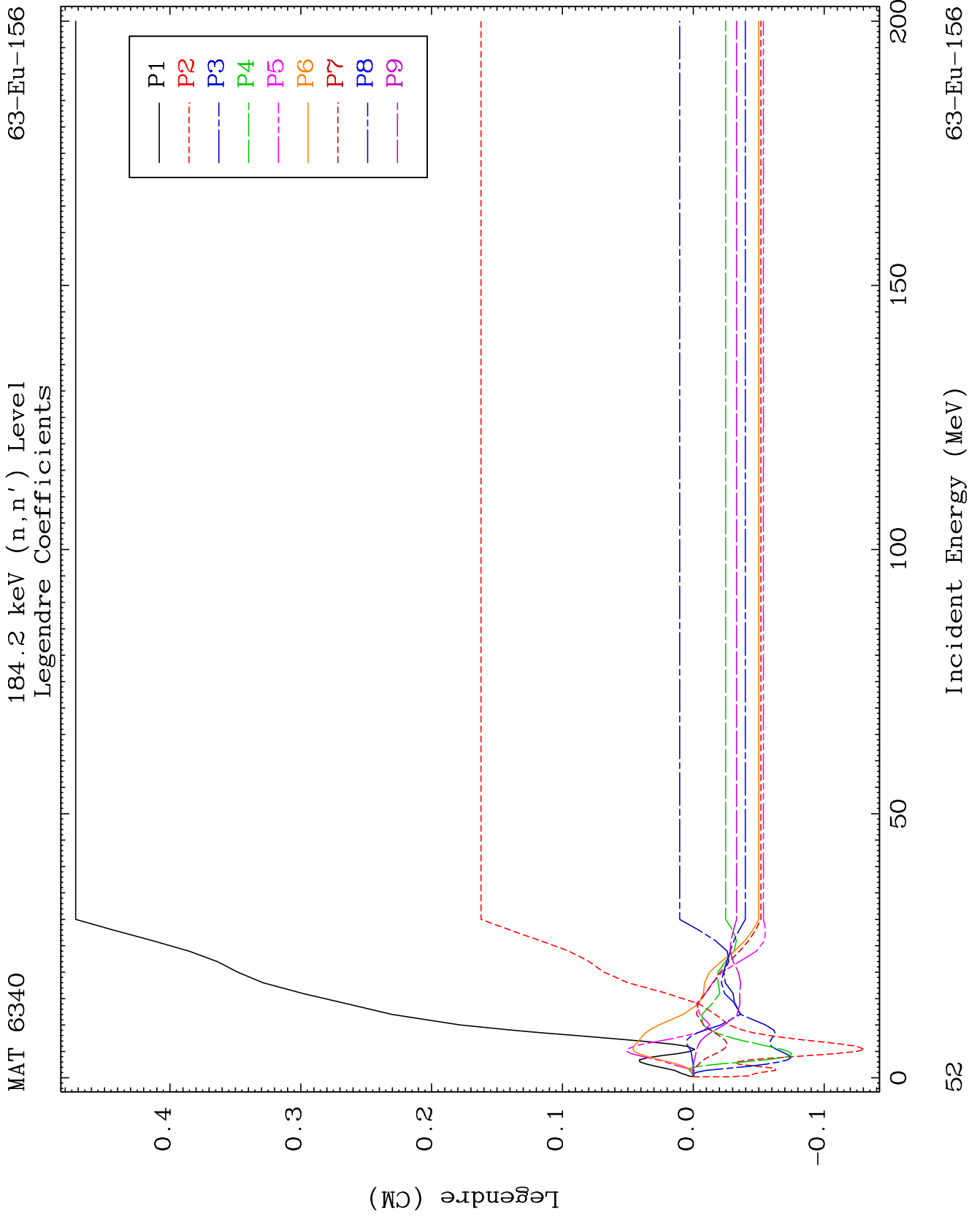
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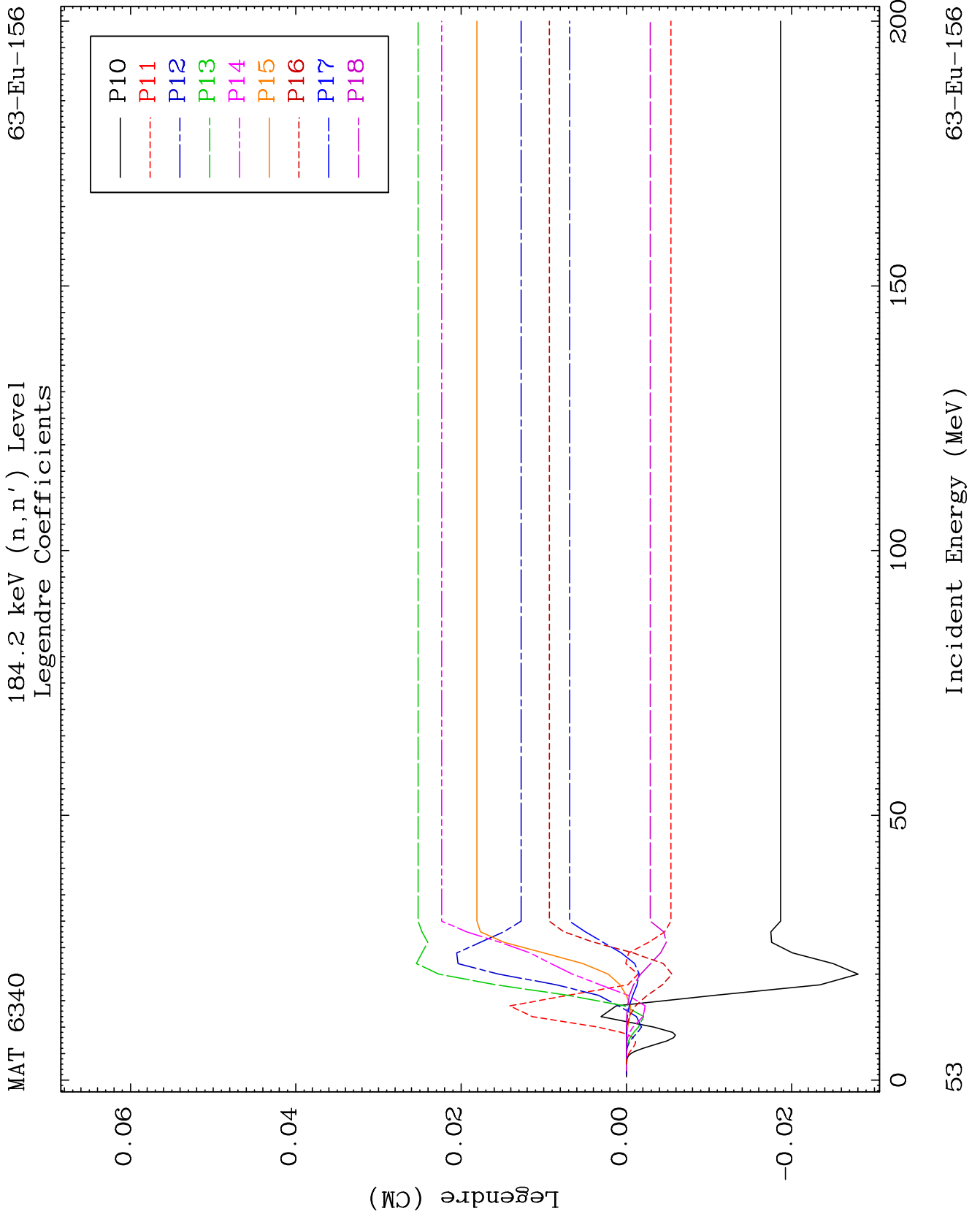


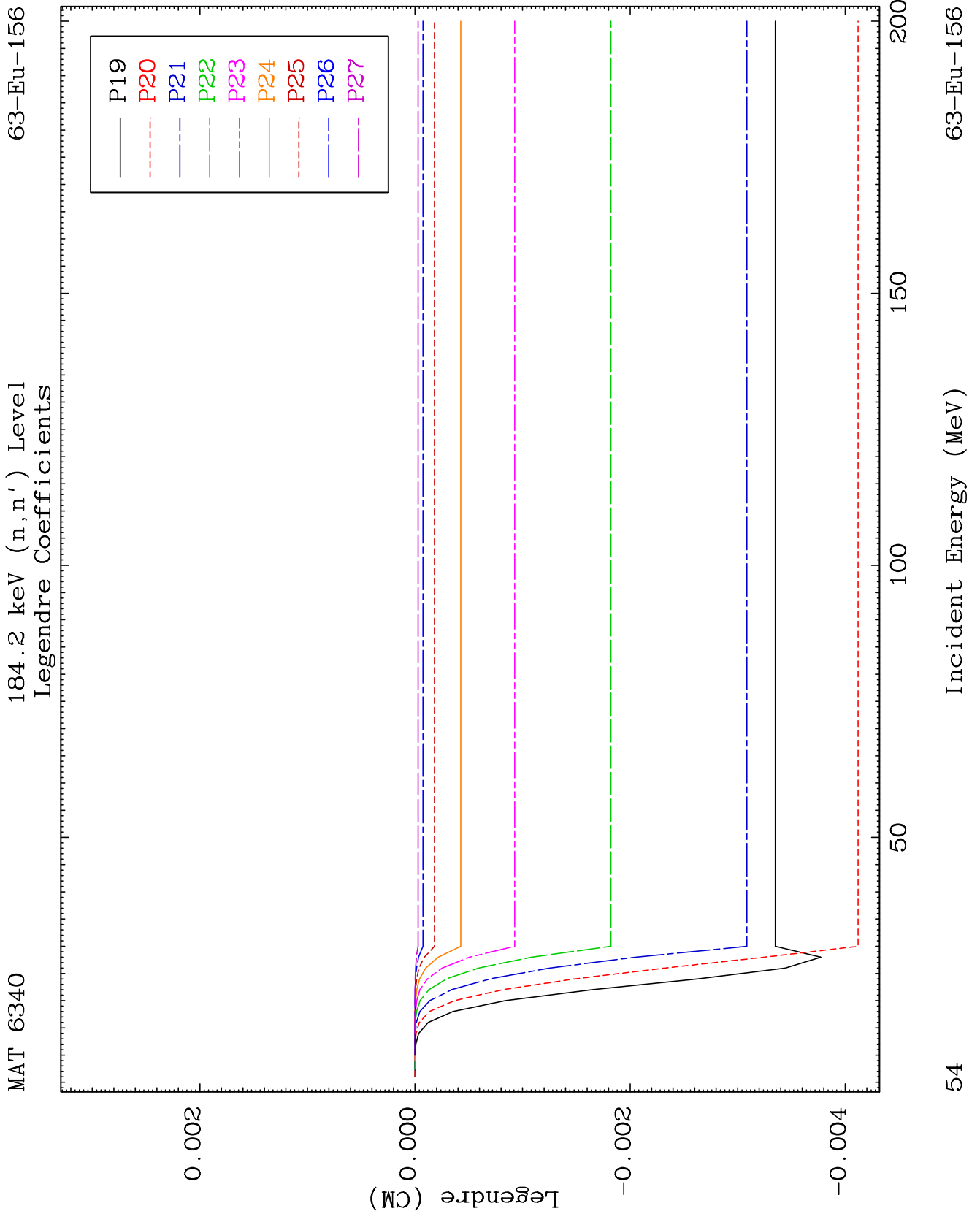
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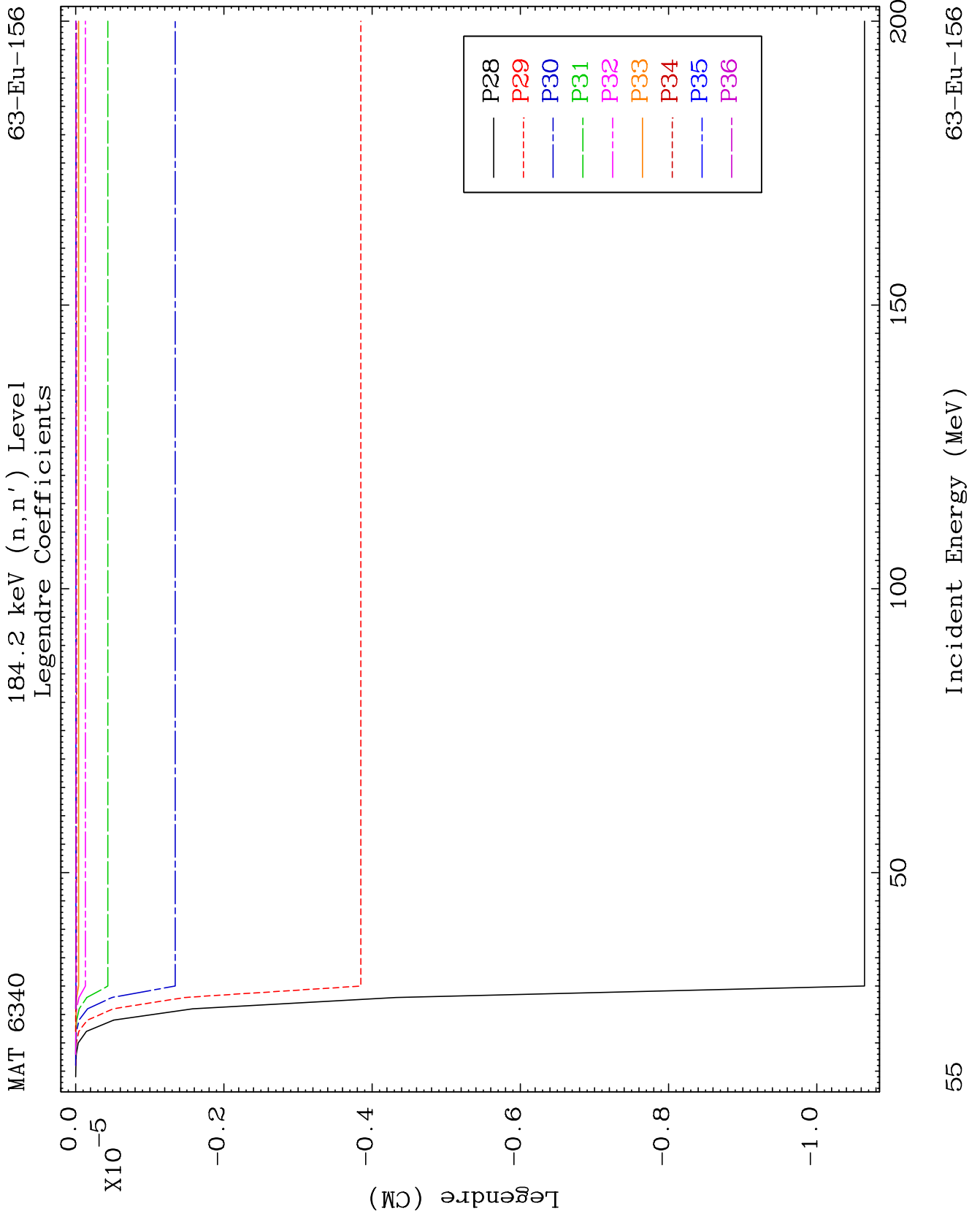
Incident Energy (MeV)

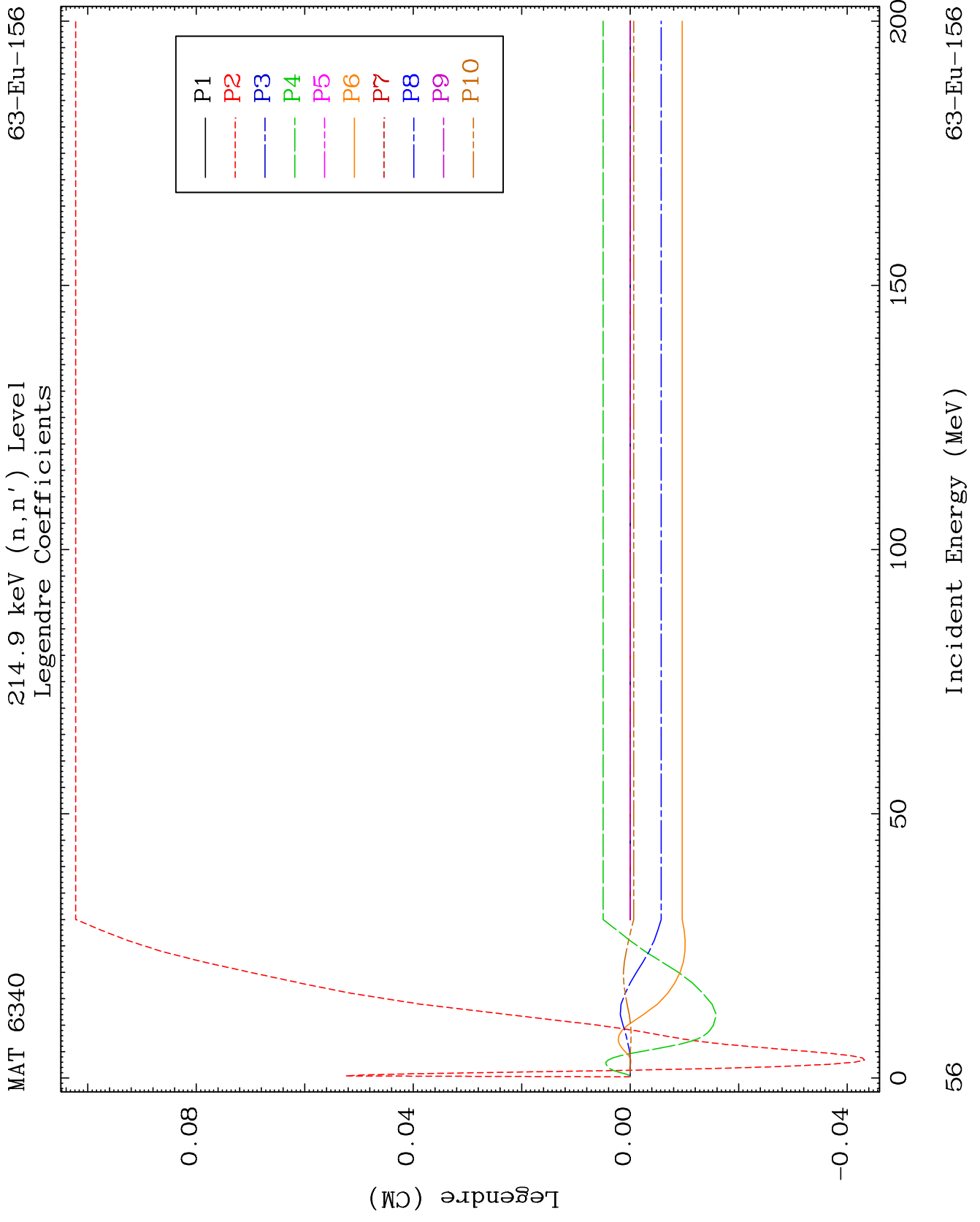
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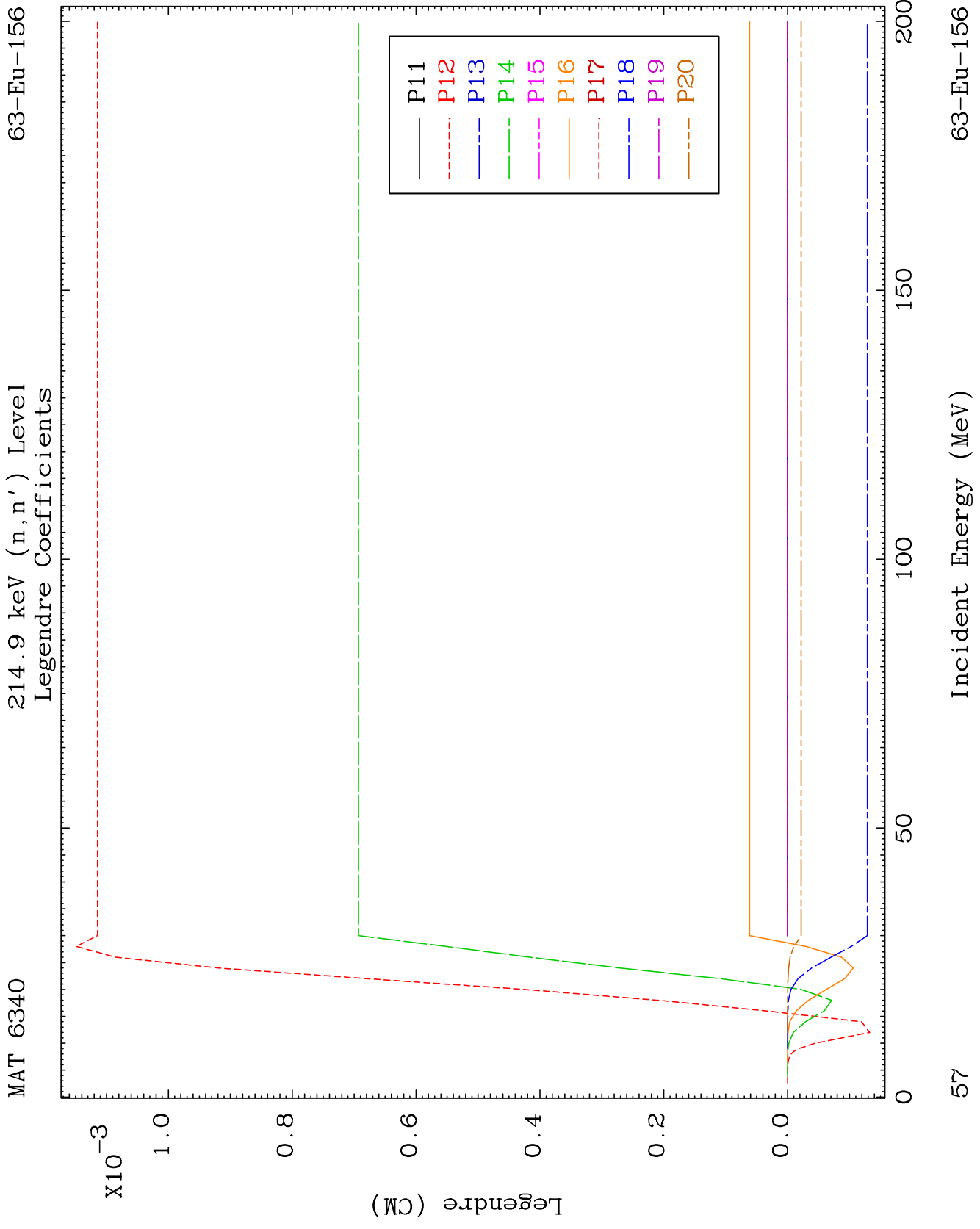


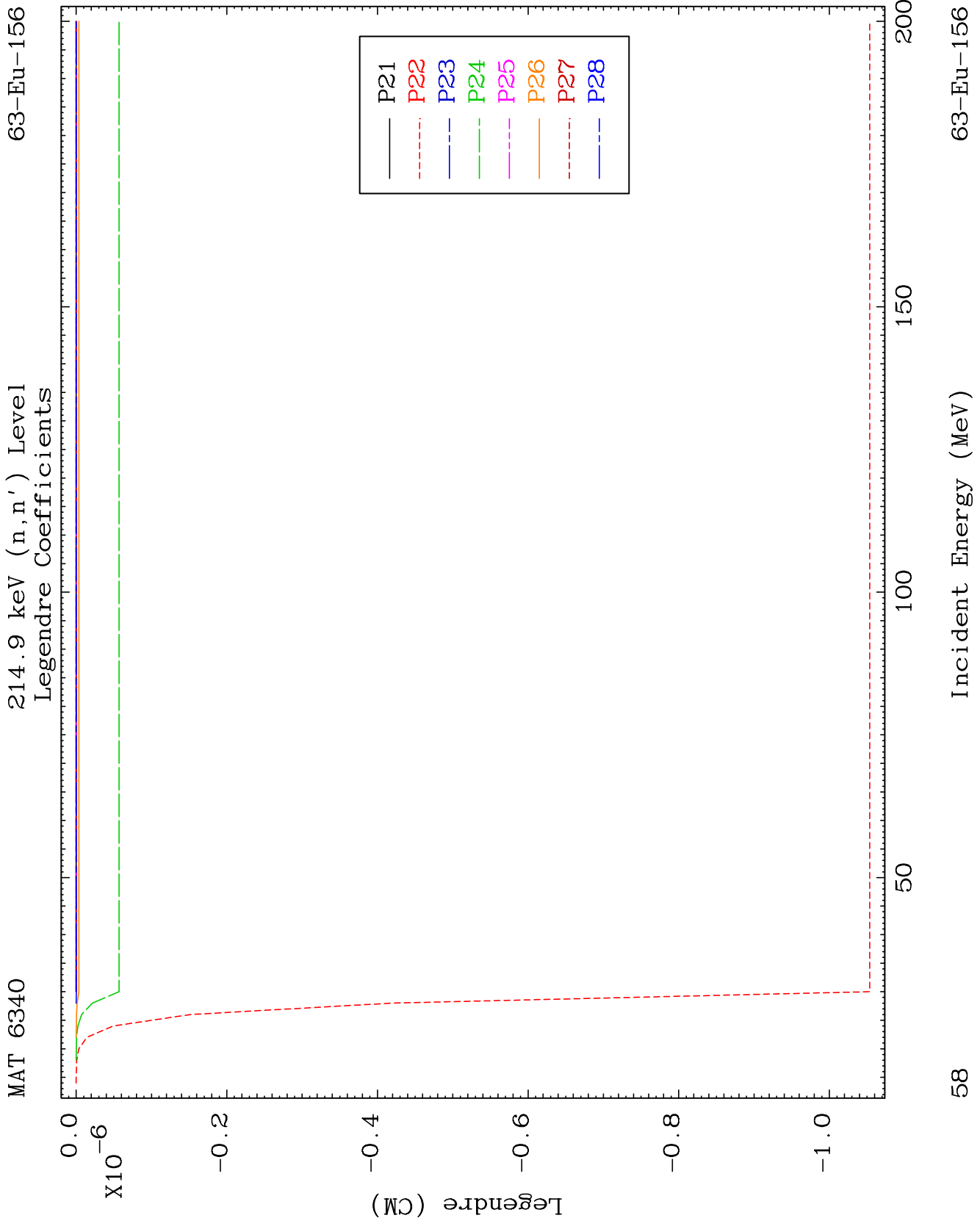


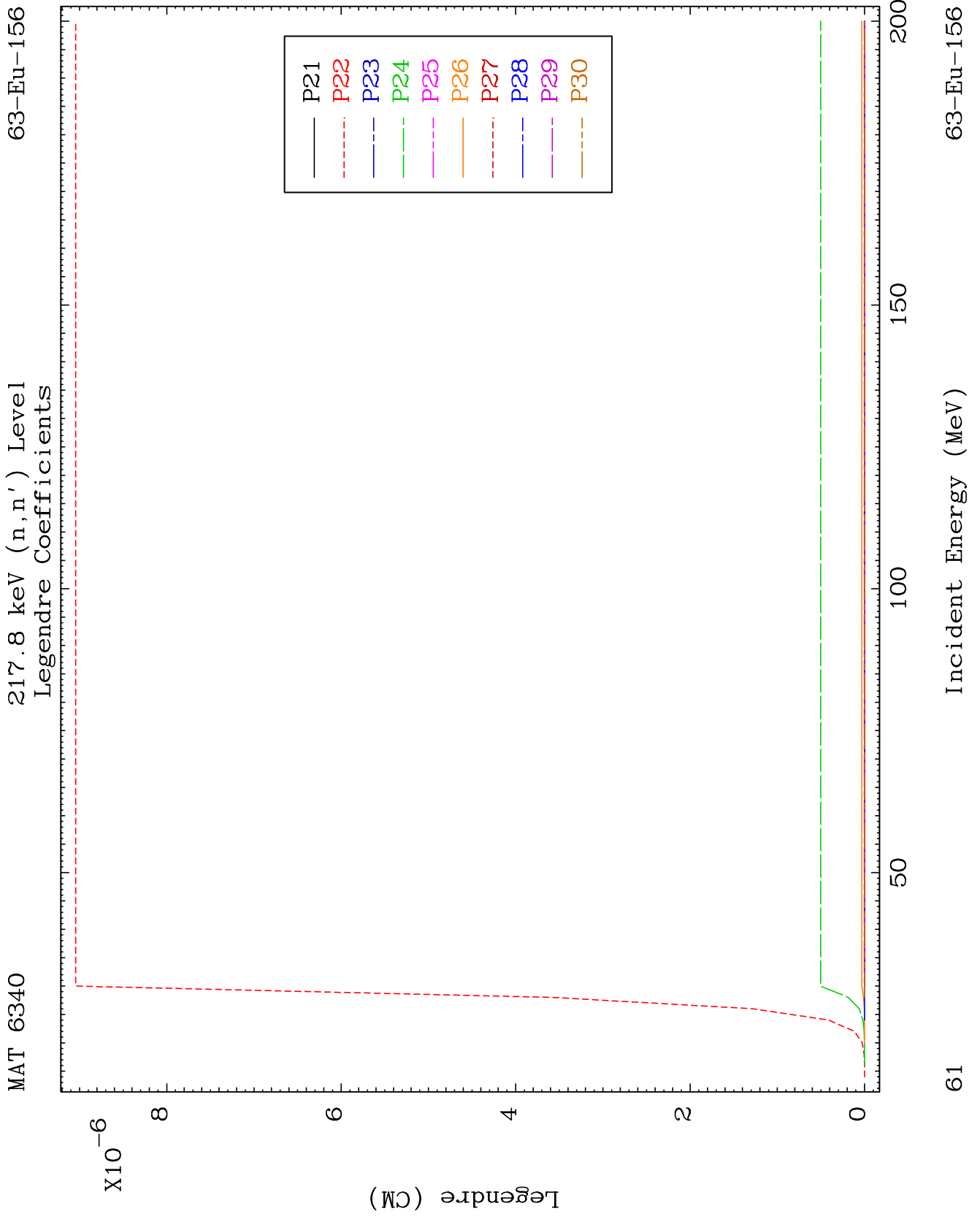


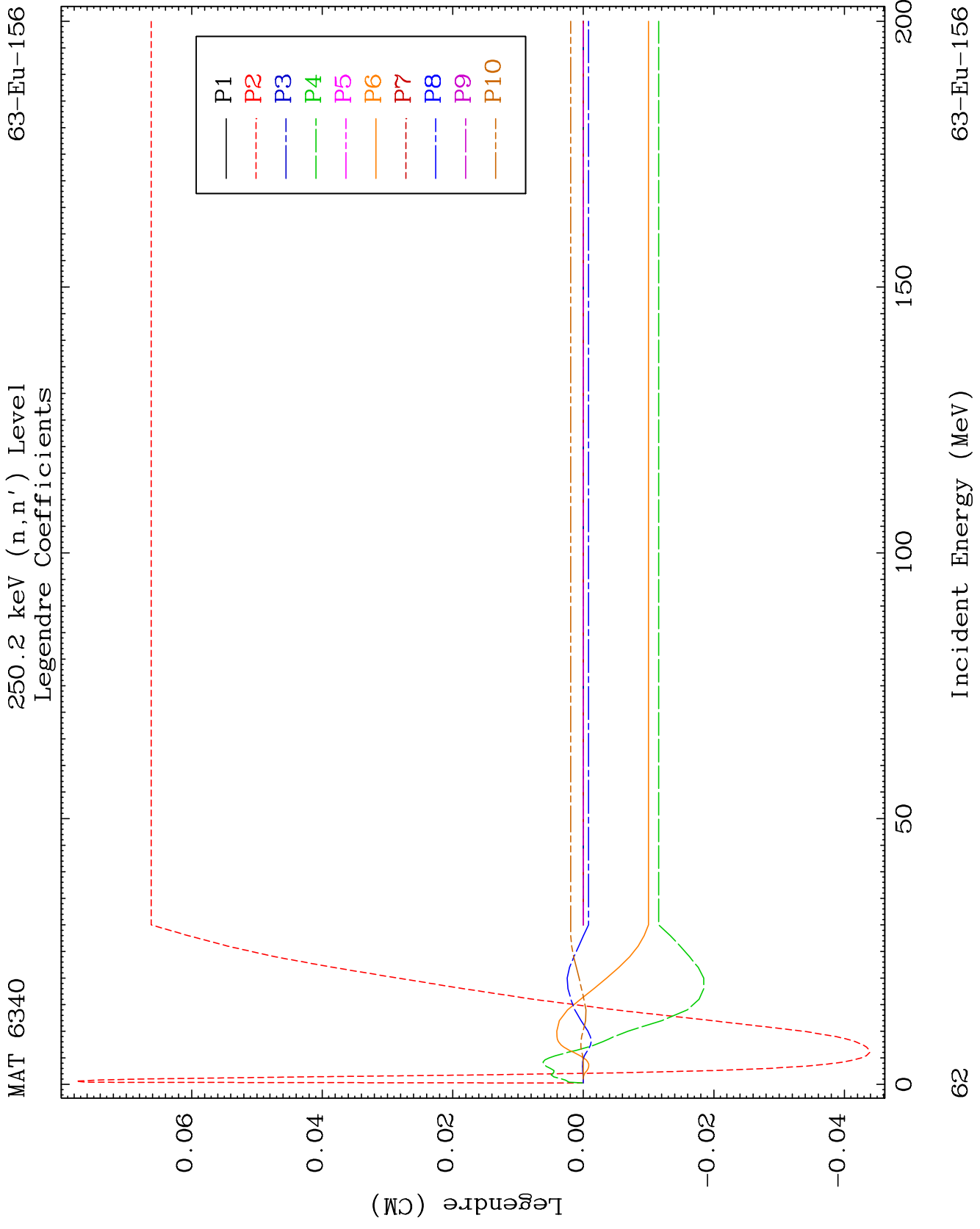


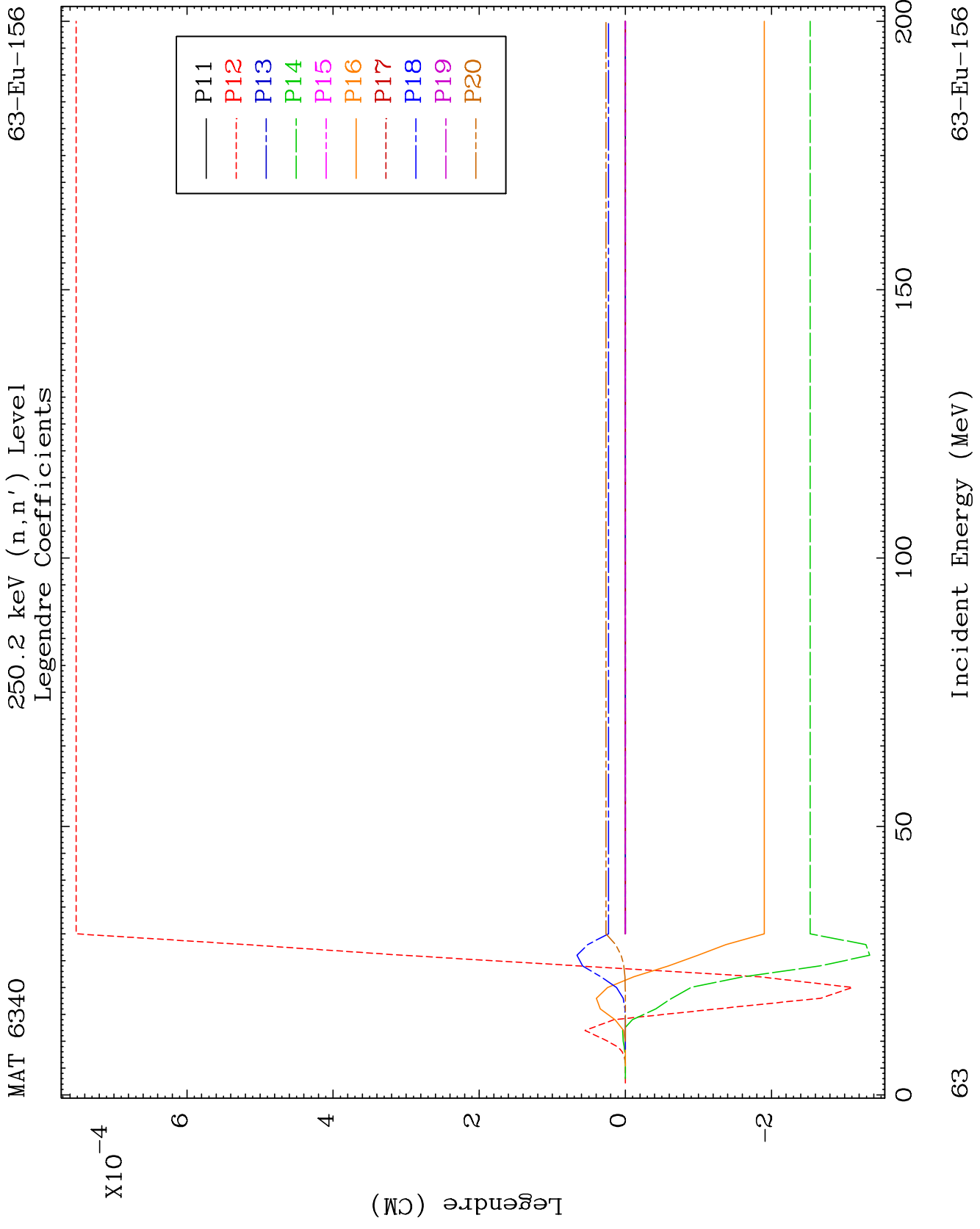


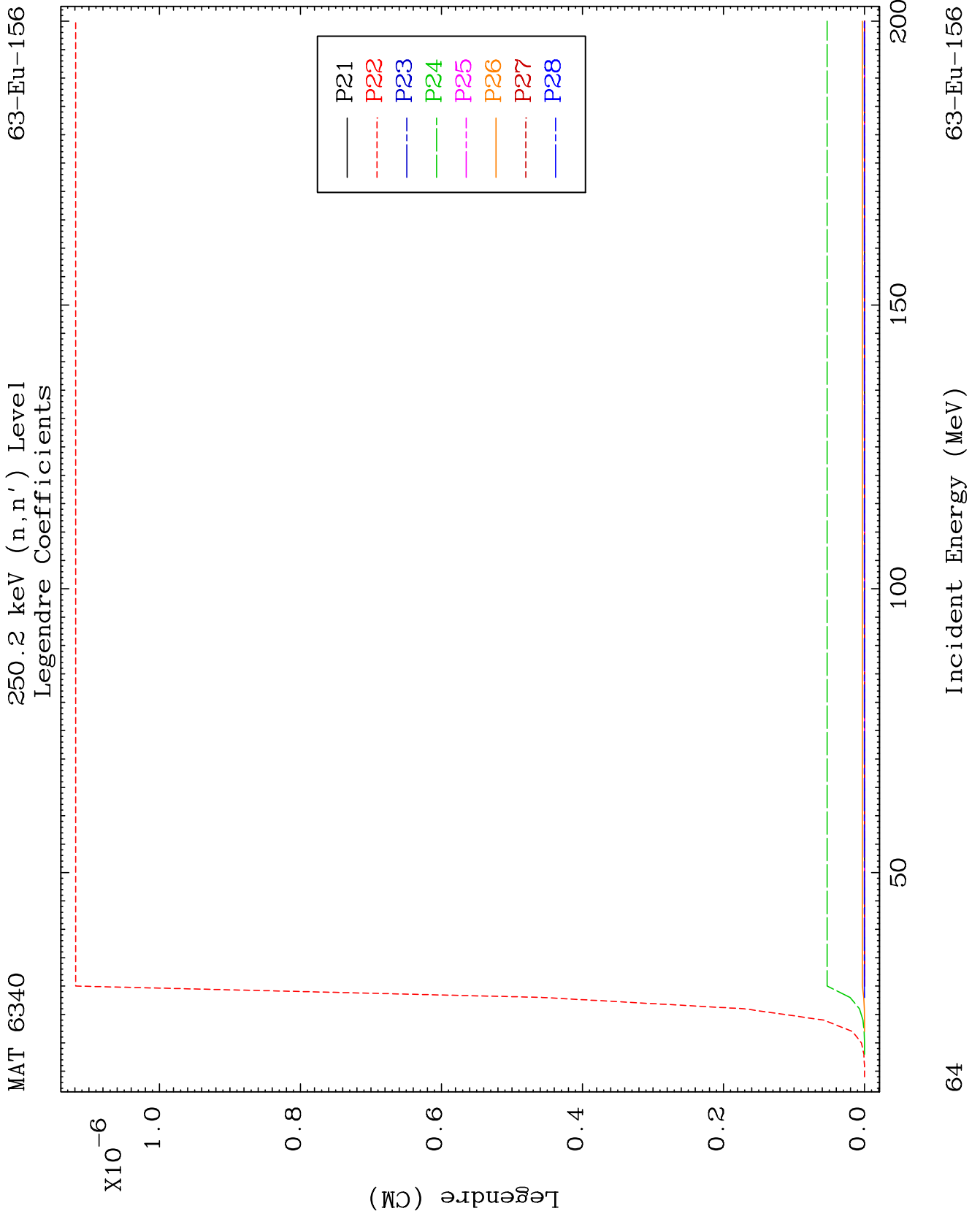


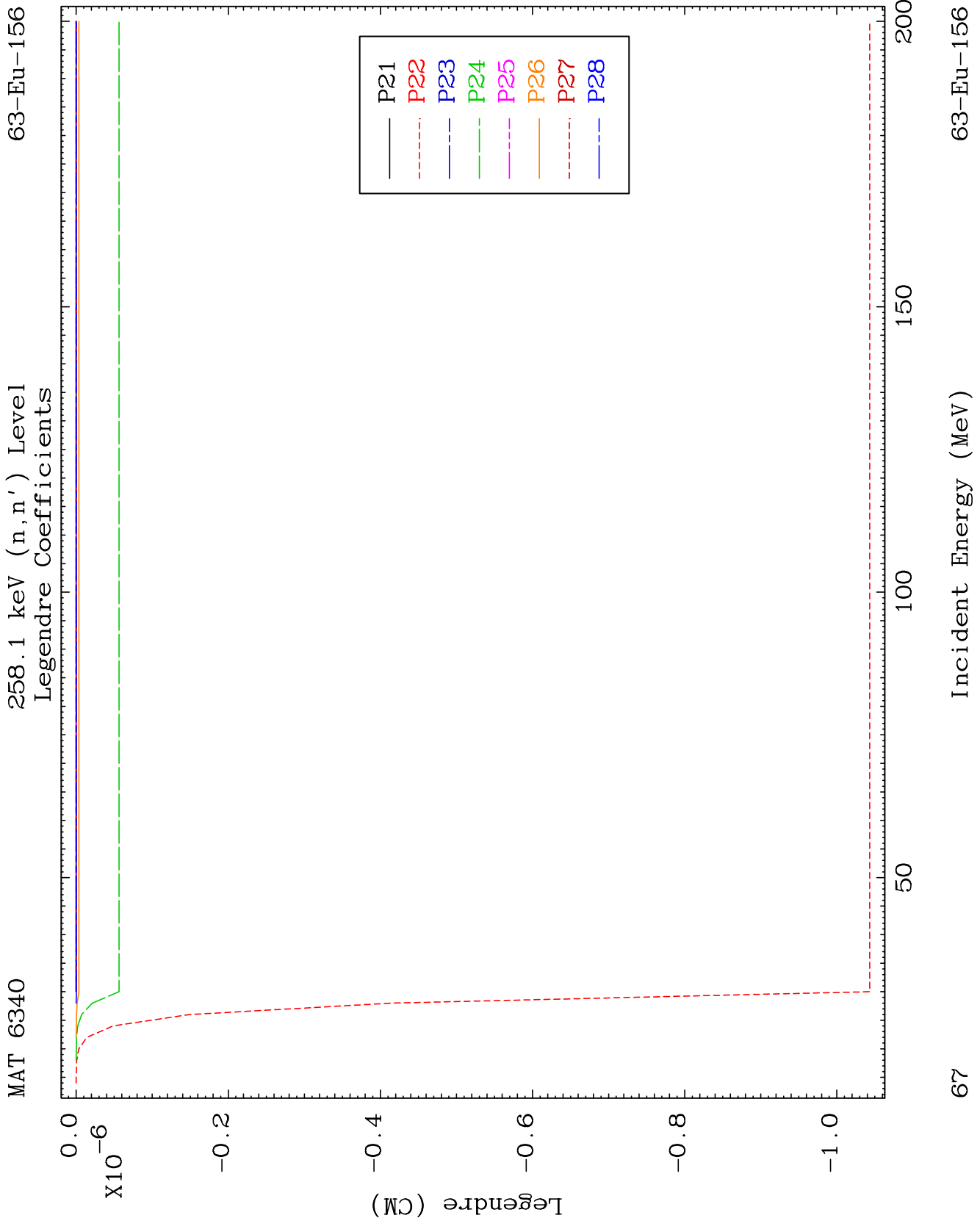


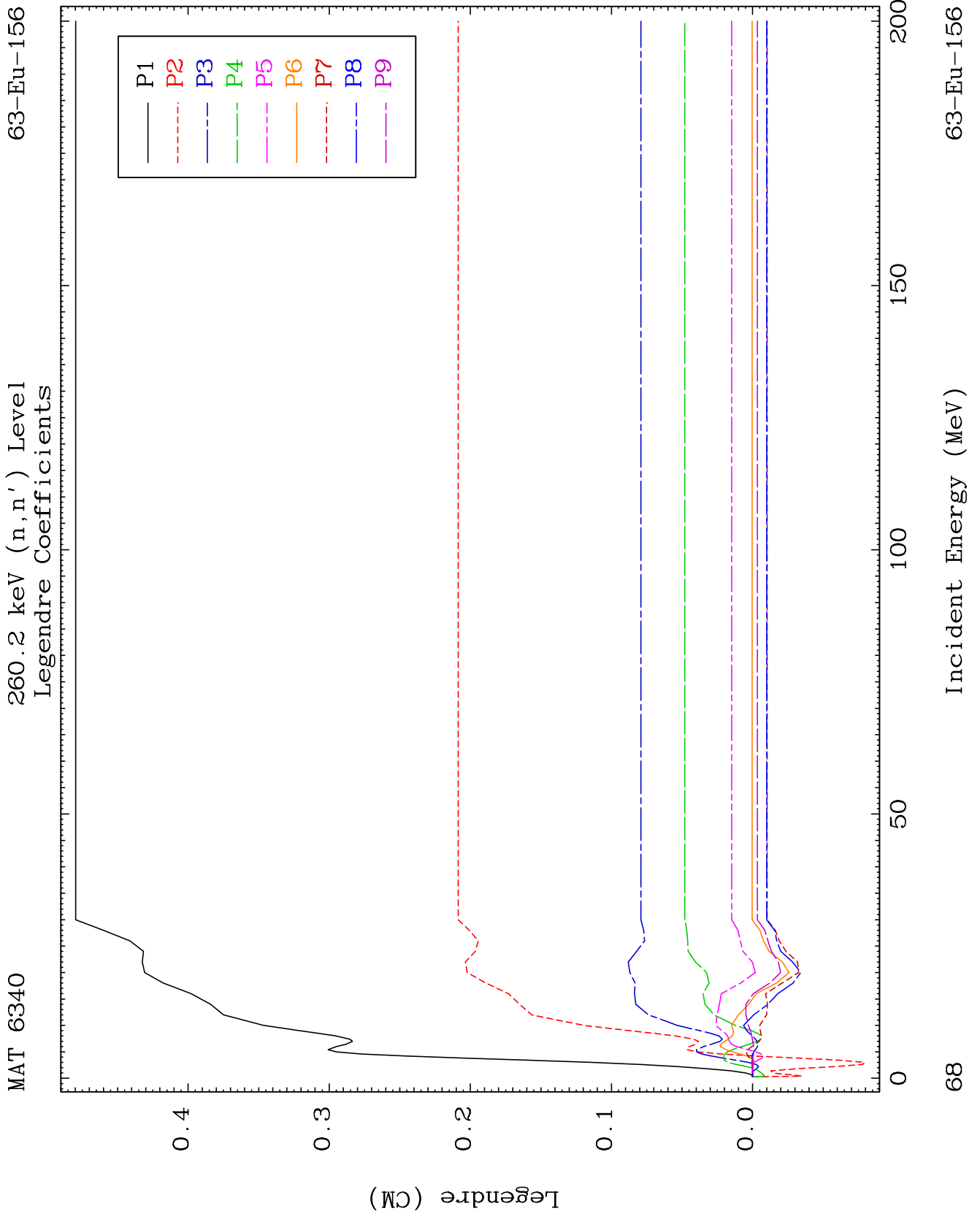








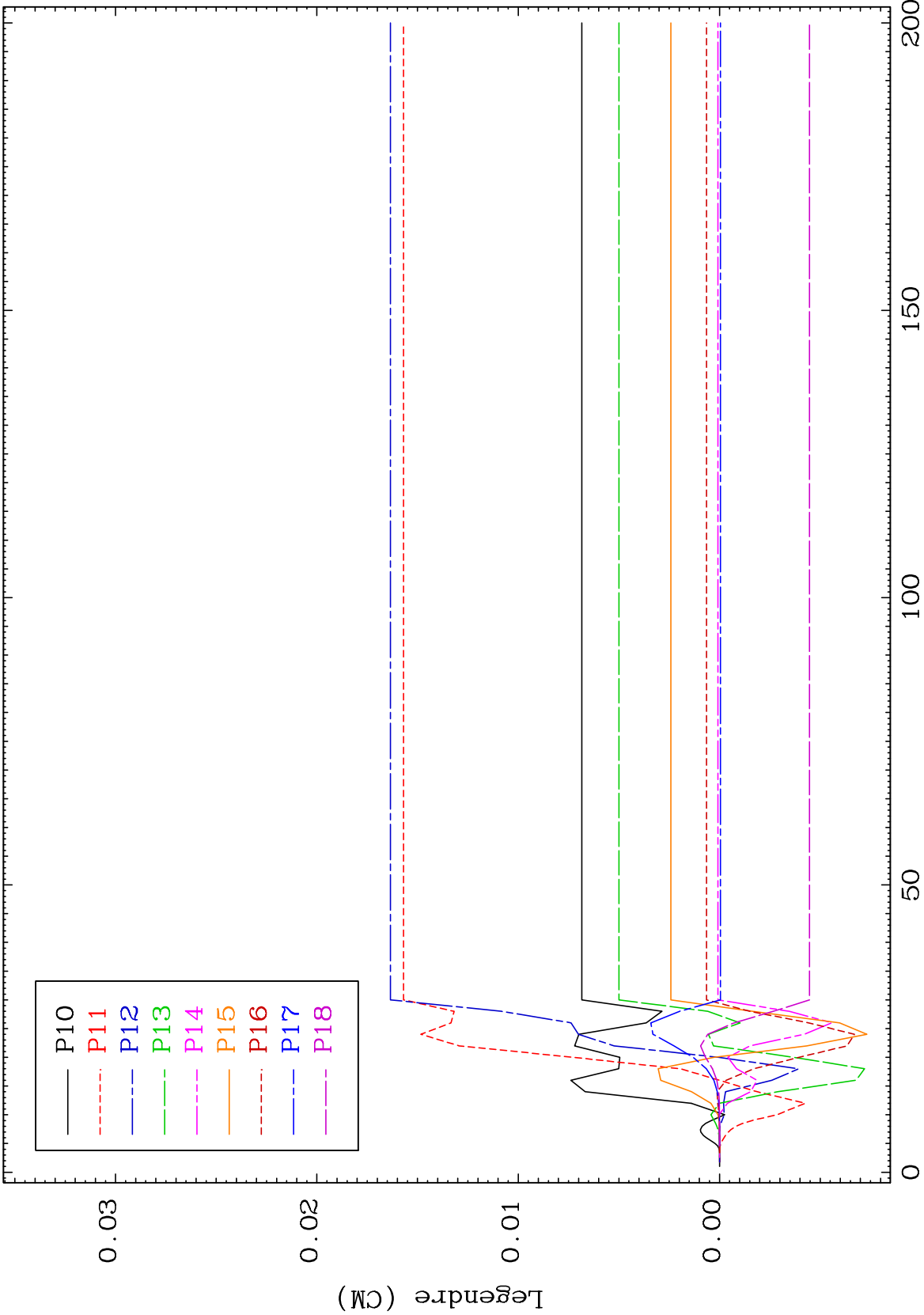




MAT 6340

260.2 keV (n, n') Level
Legendre Coefficients

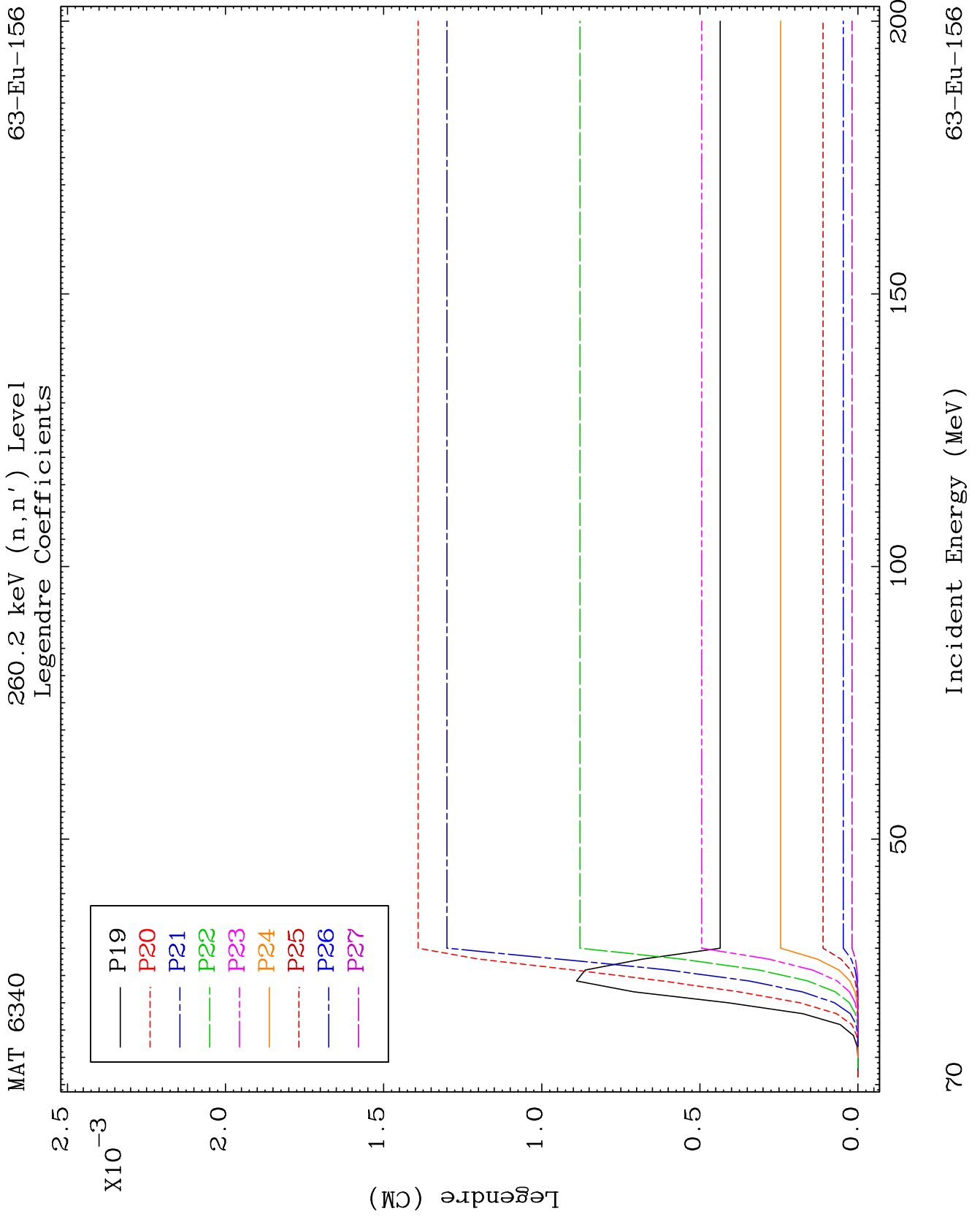
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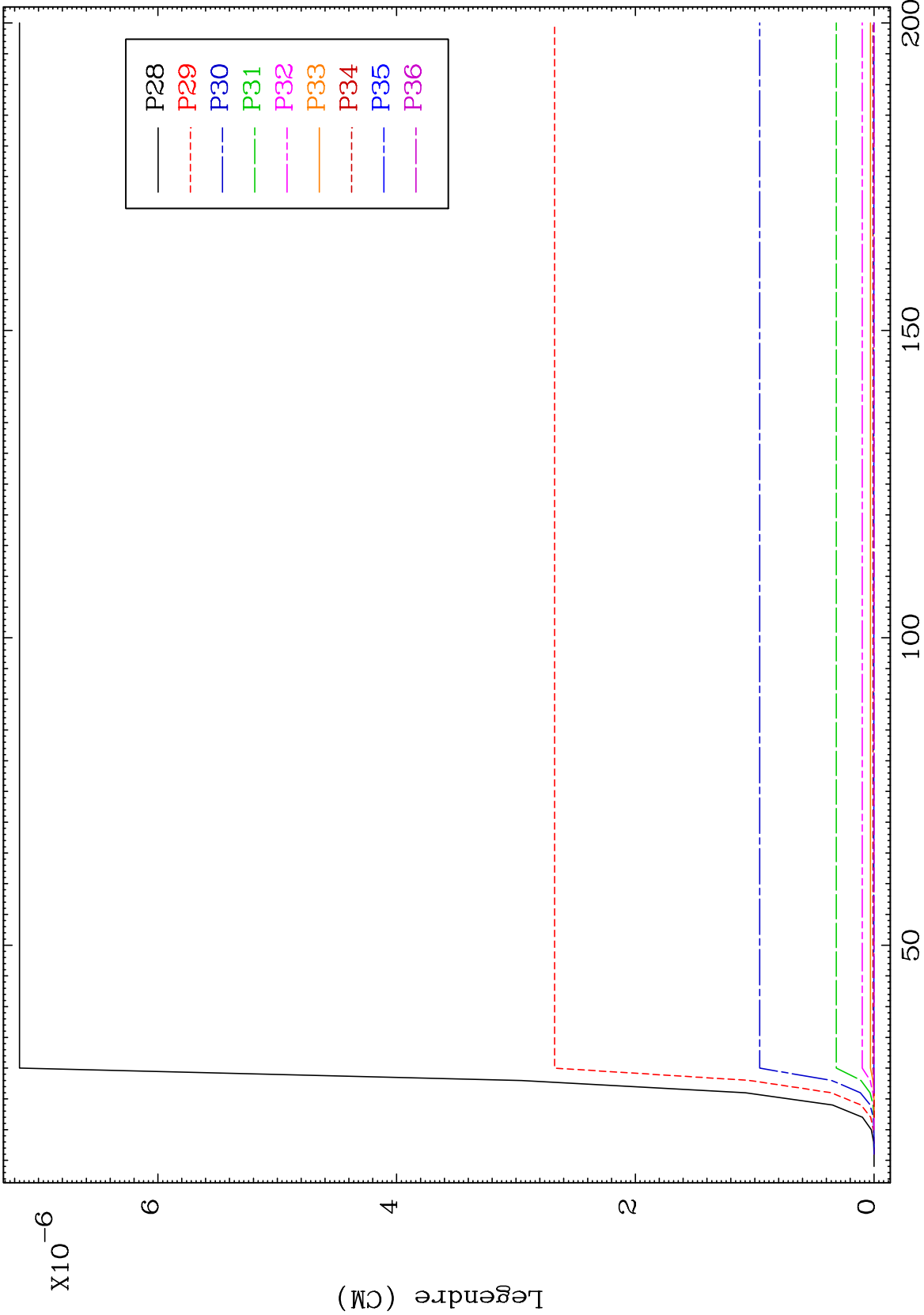


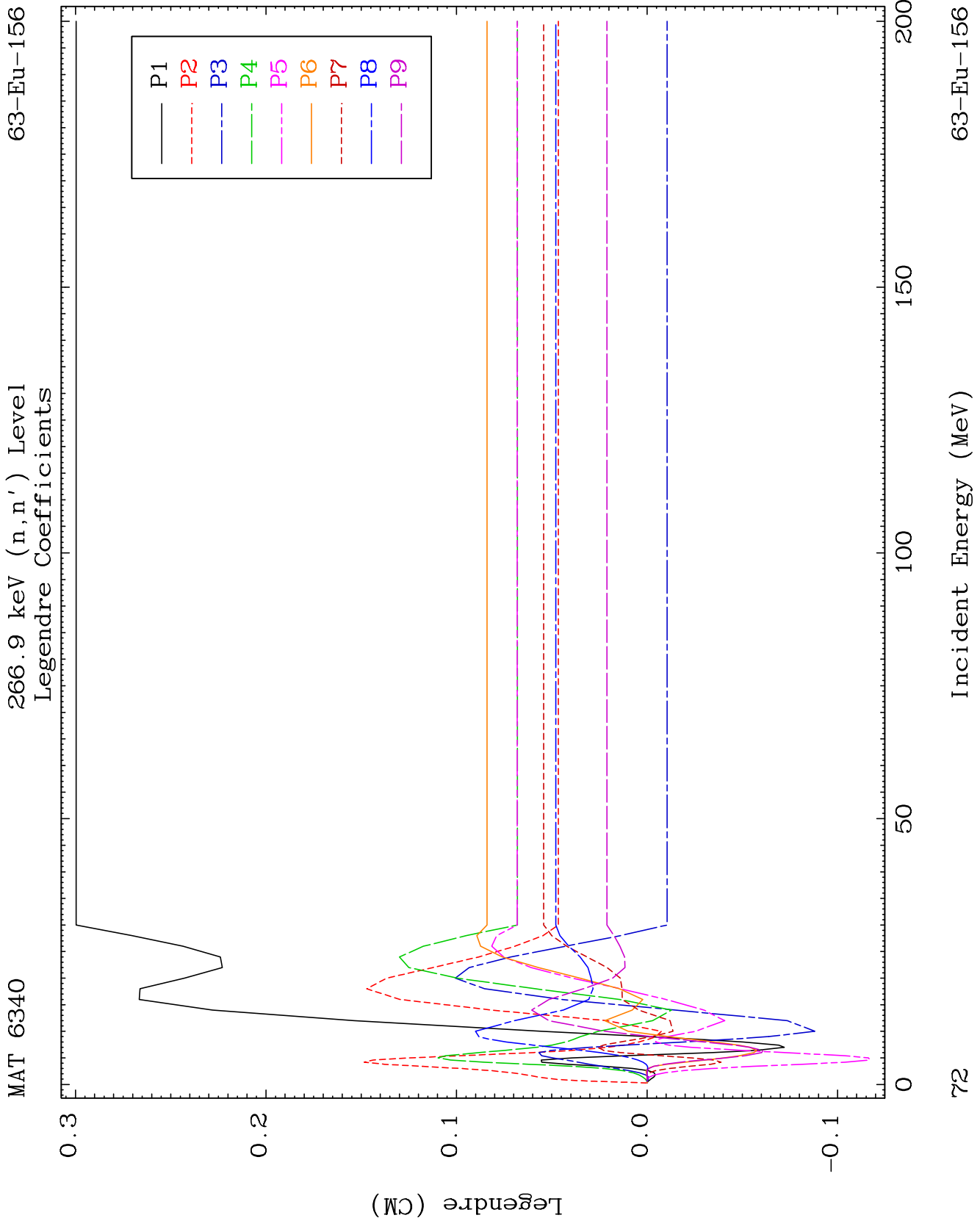
69

Incident Energy (MeV)

63-Eu-156



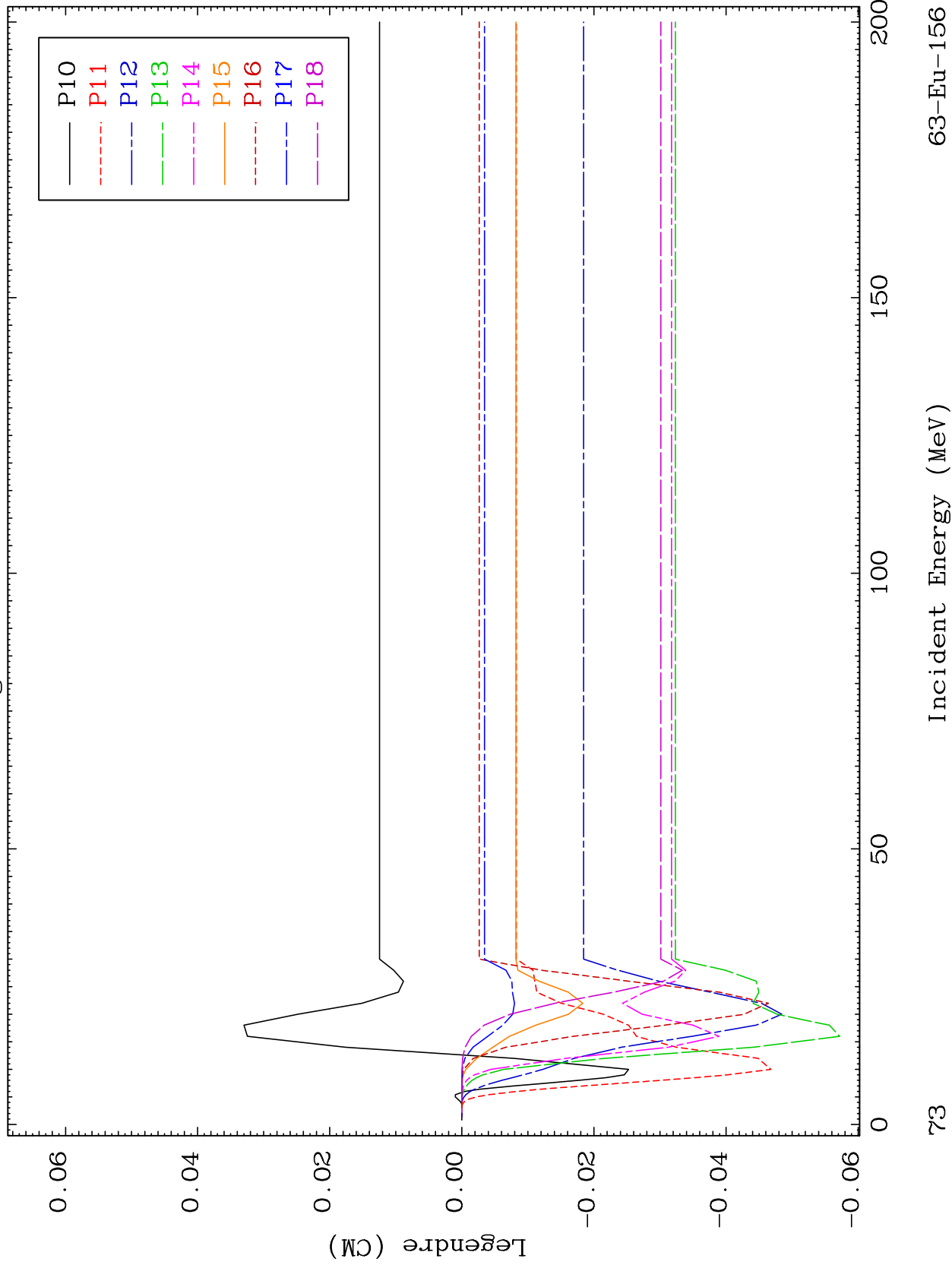




MAT 6340

266.9 keV (n,n') Level
Legendre Coefficients

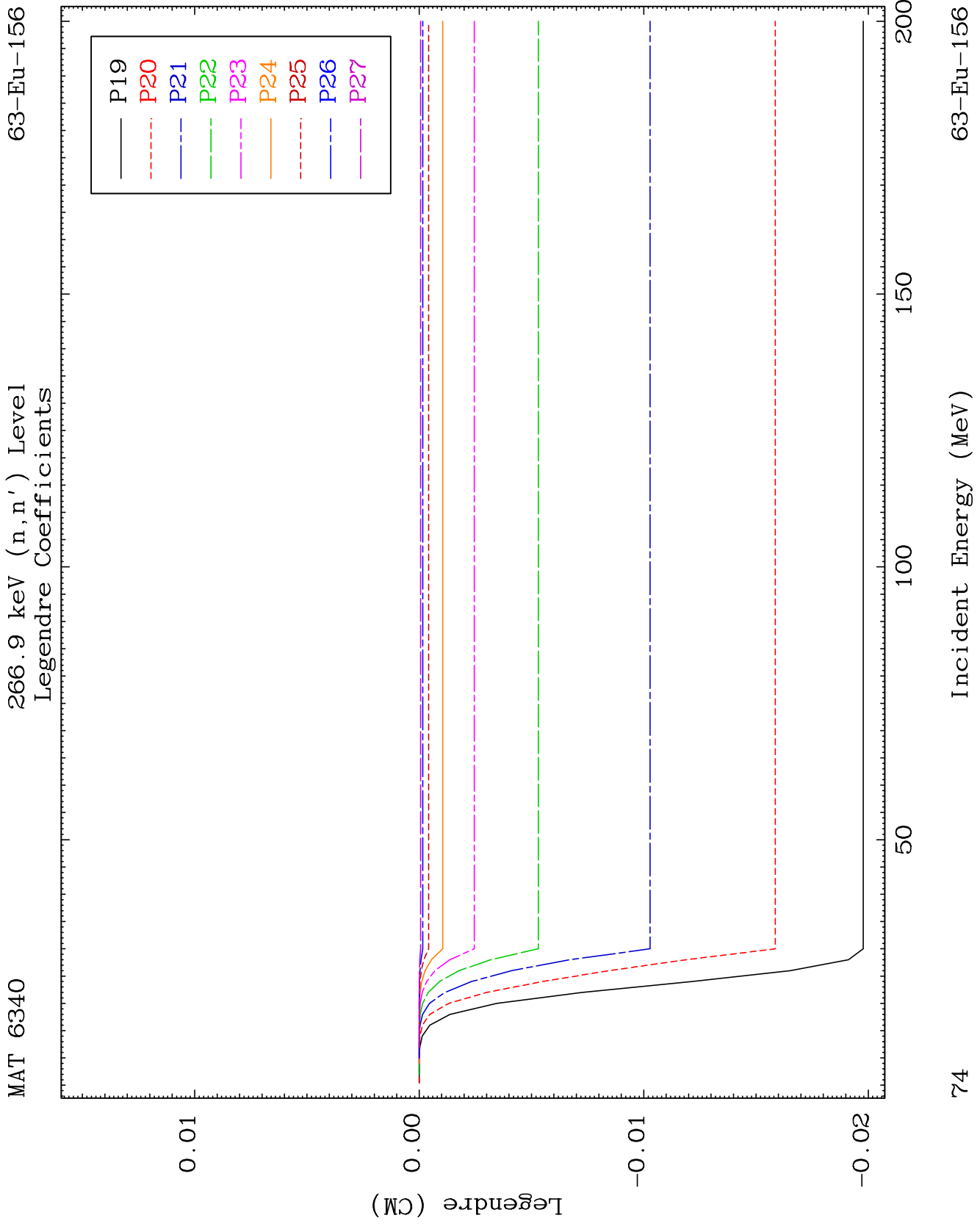
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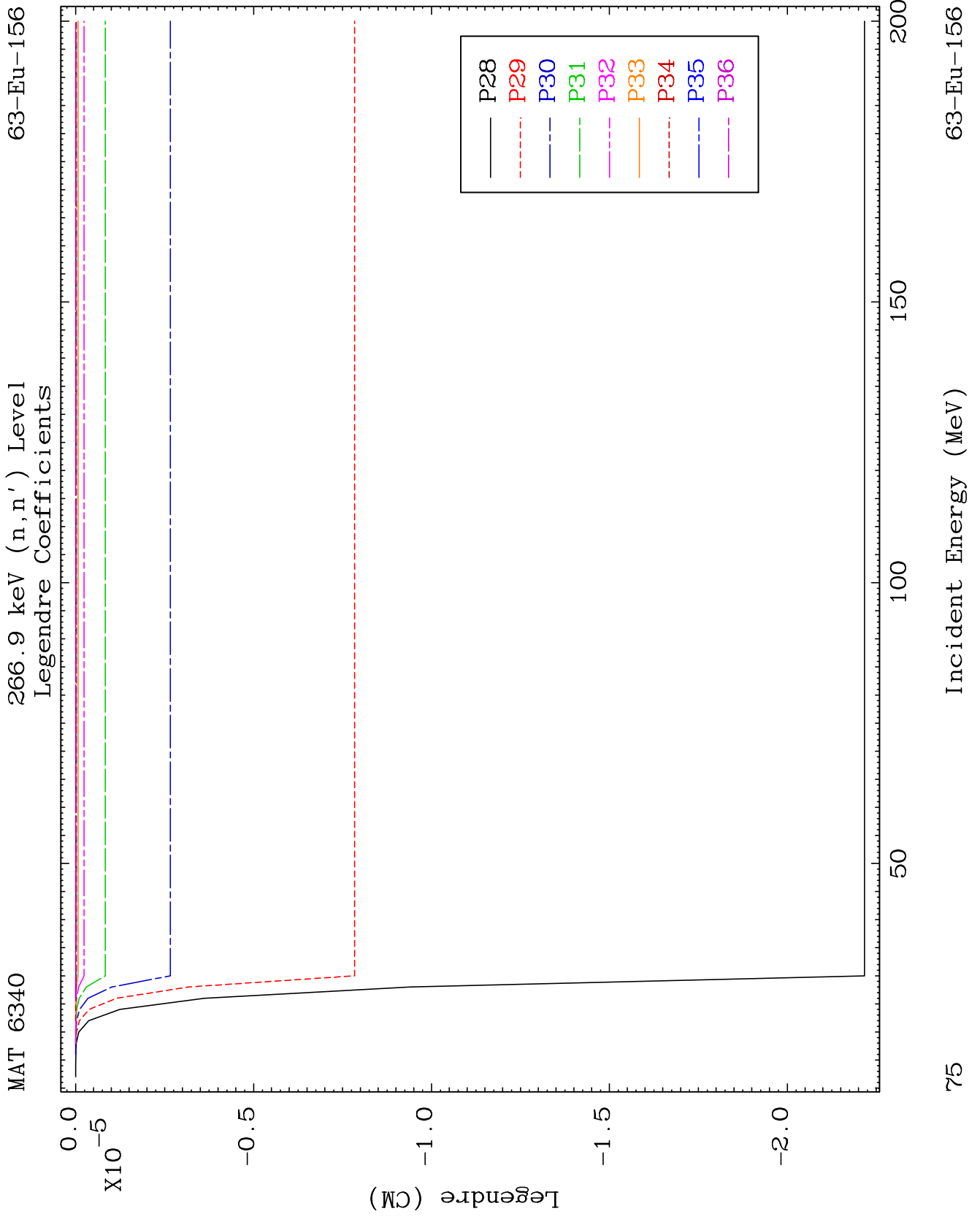


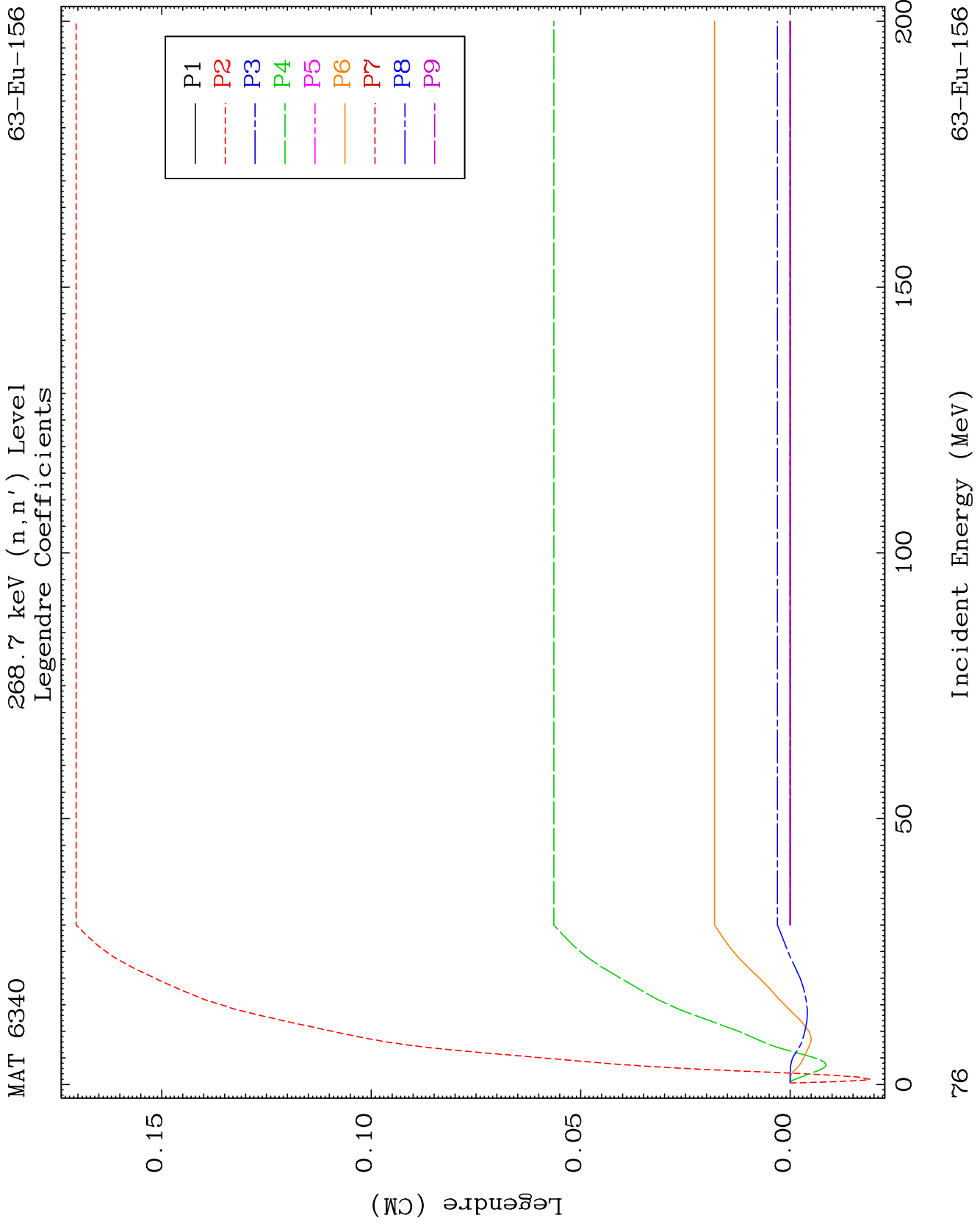
73

Incident Energy (MeV)

63-Eu-156



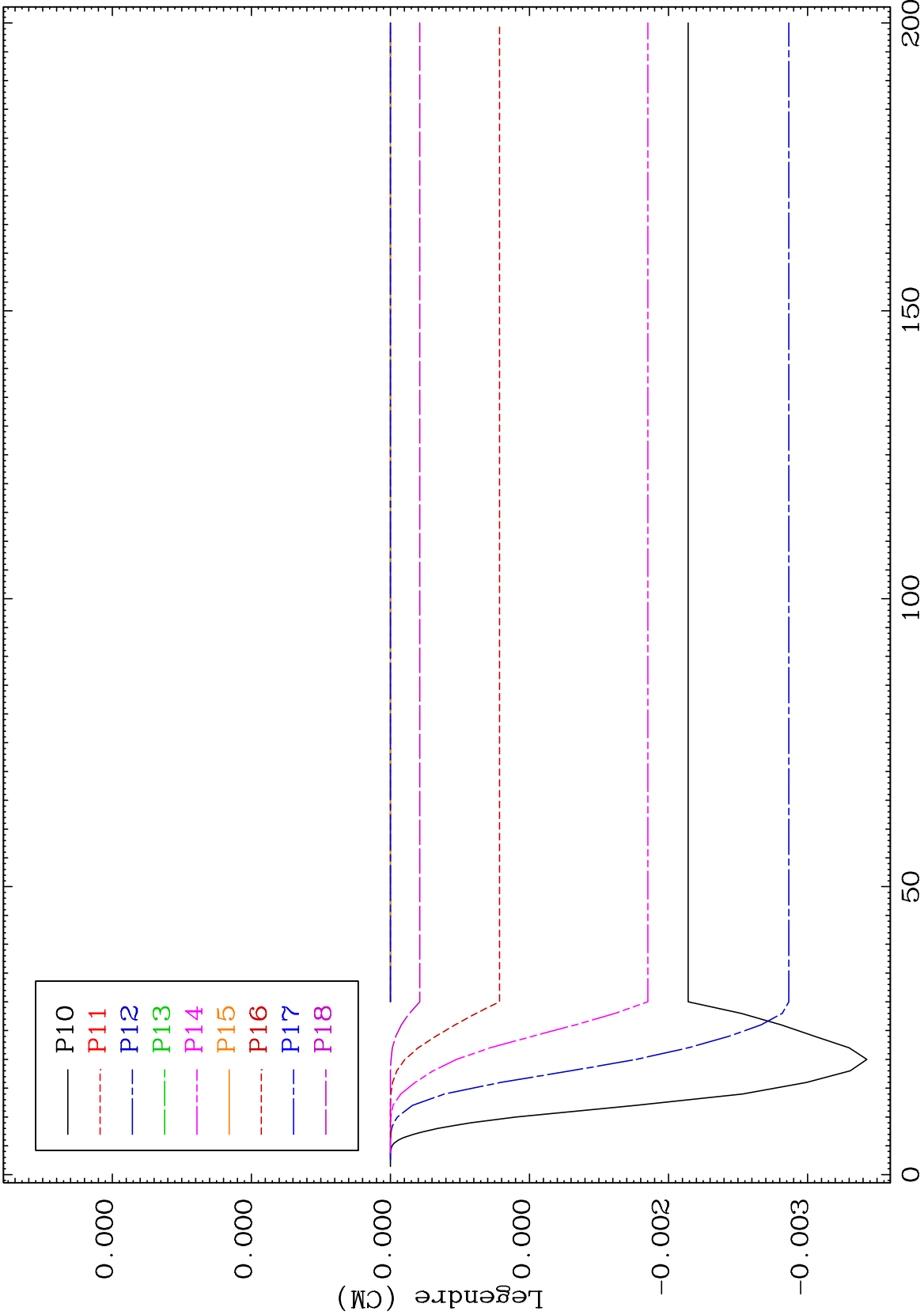




MAT 6340

268.7 keV (n, n') Level
Legendre Coefficients

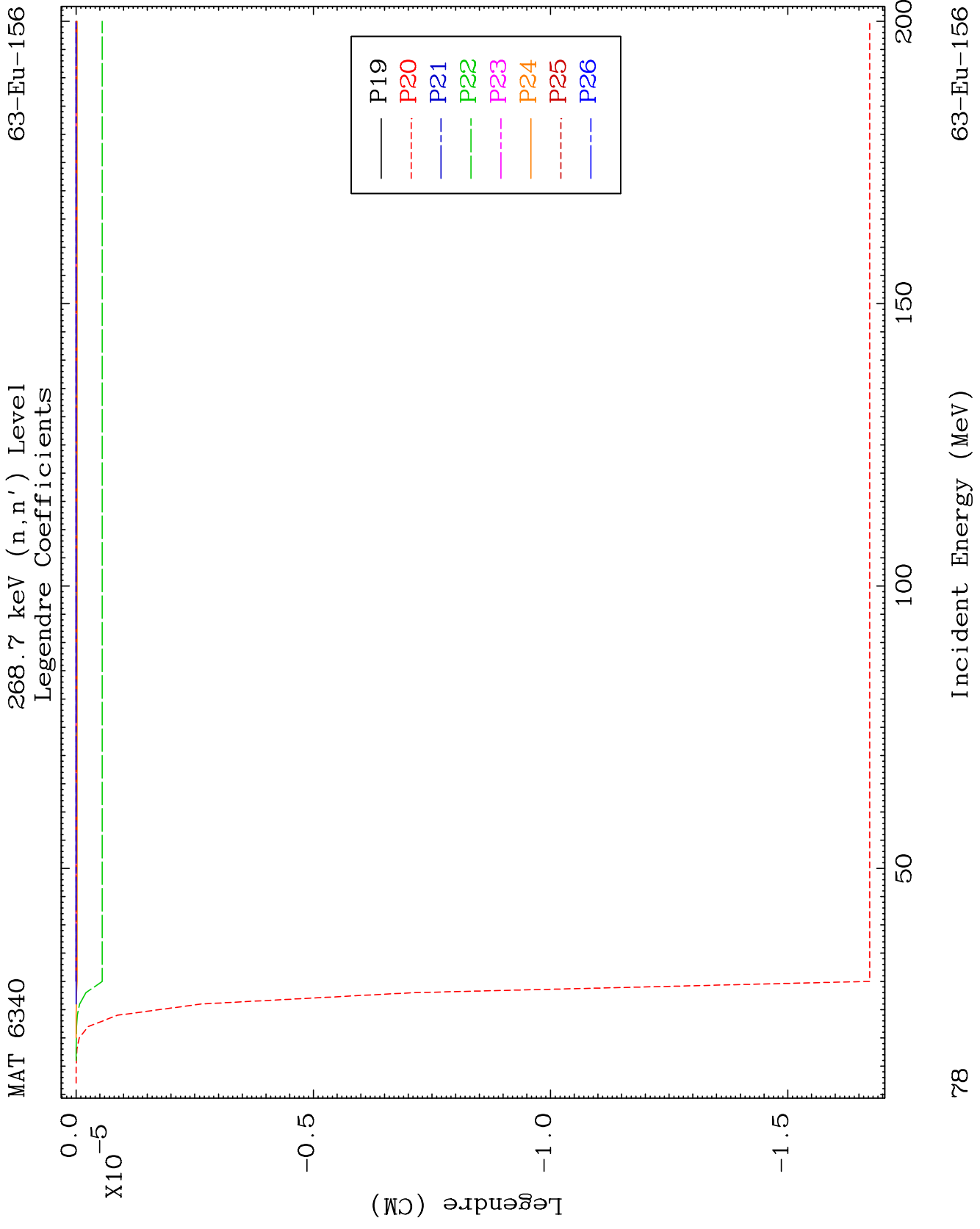
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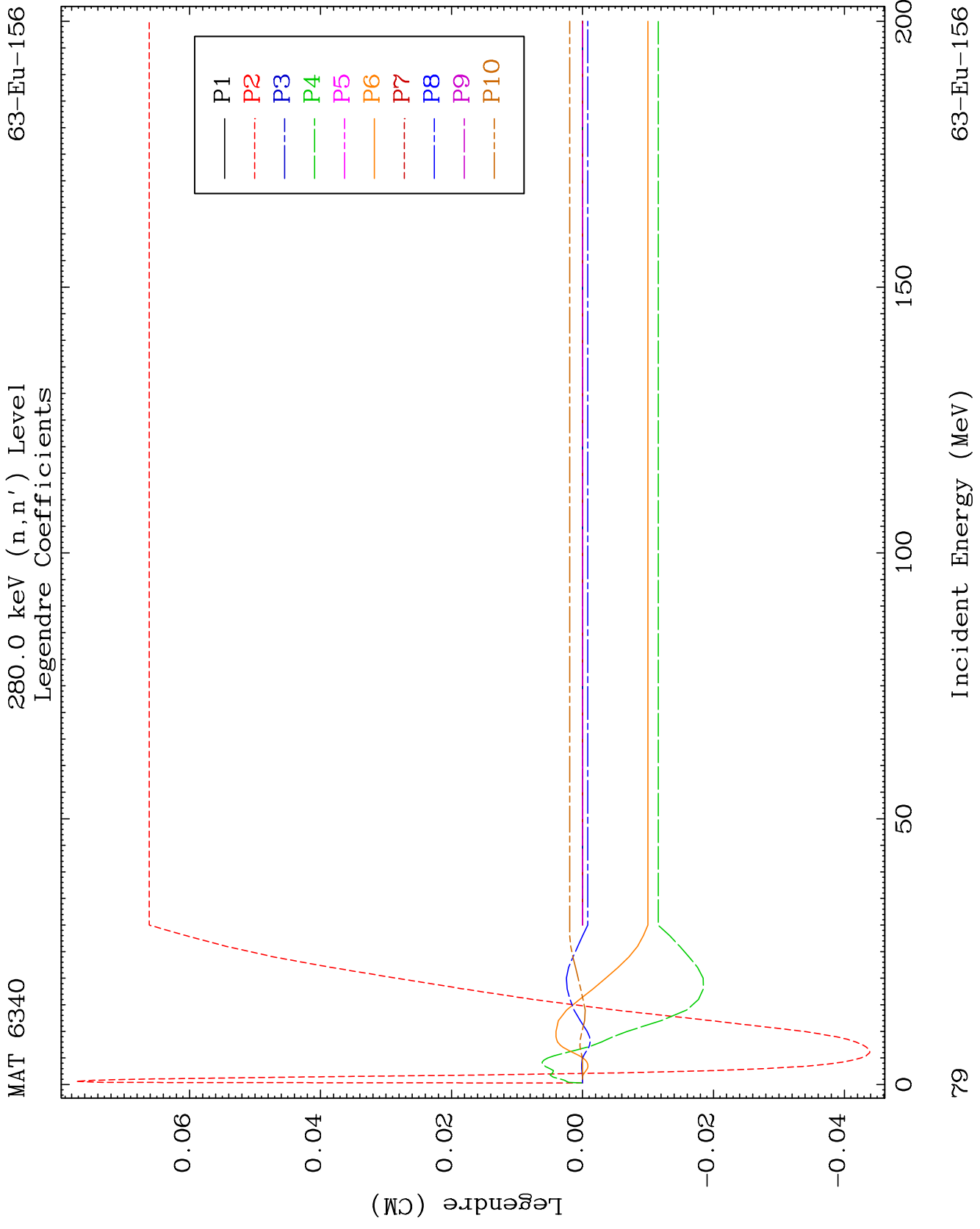


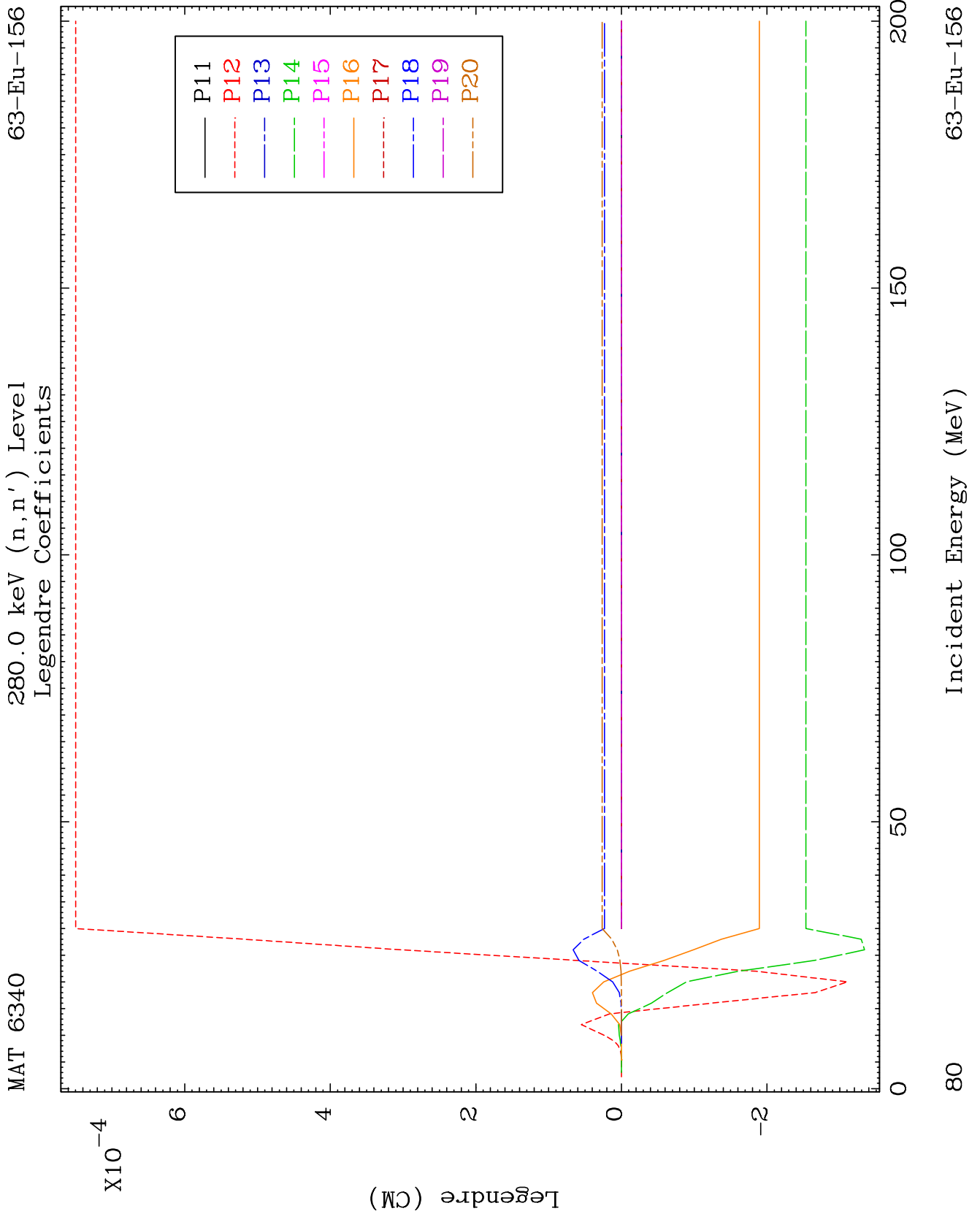
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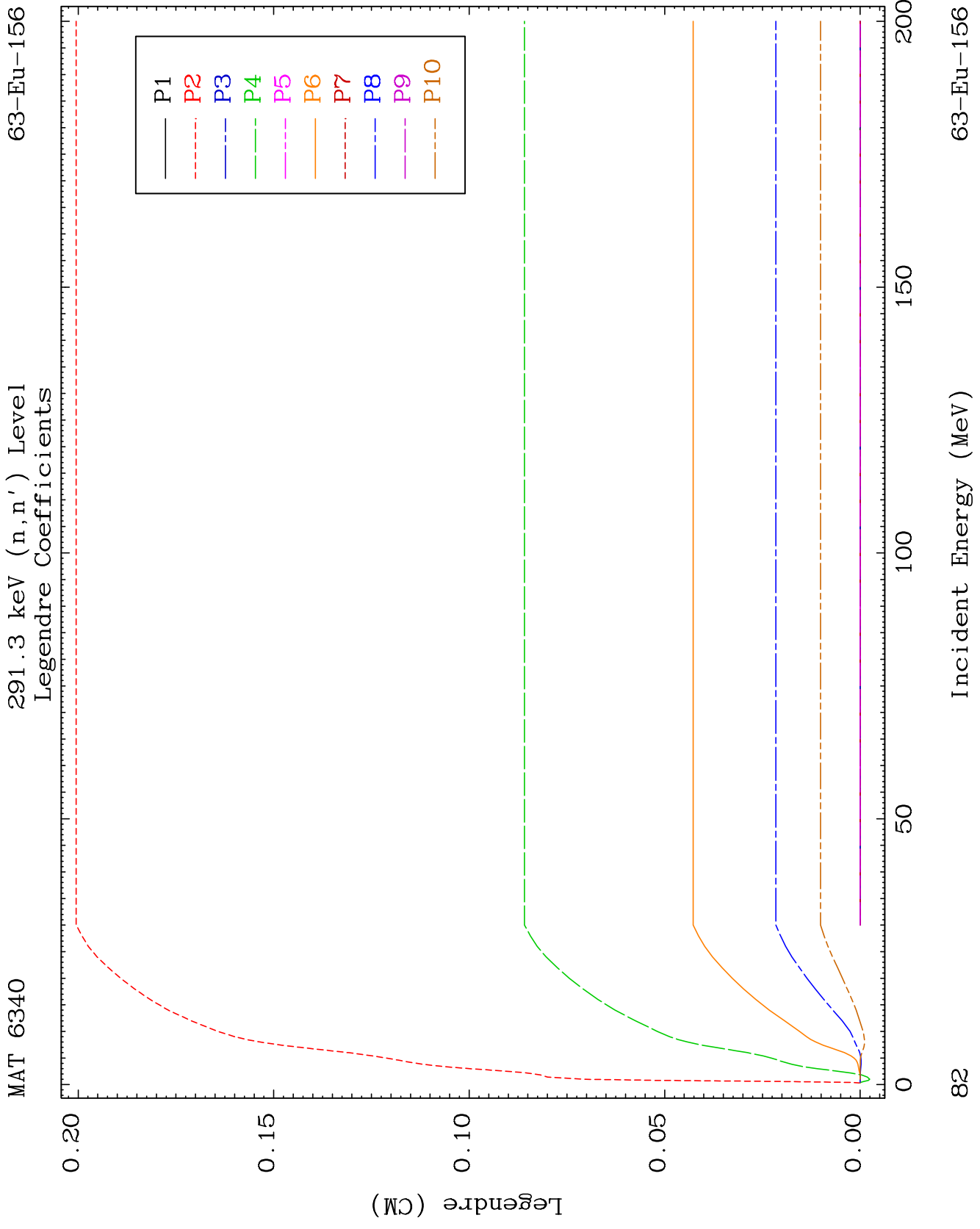
Incident Energy (MeV)

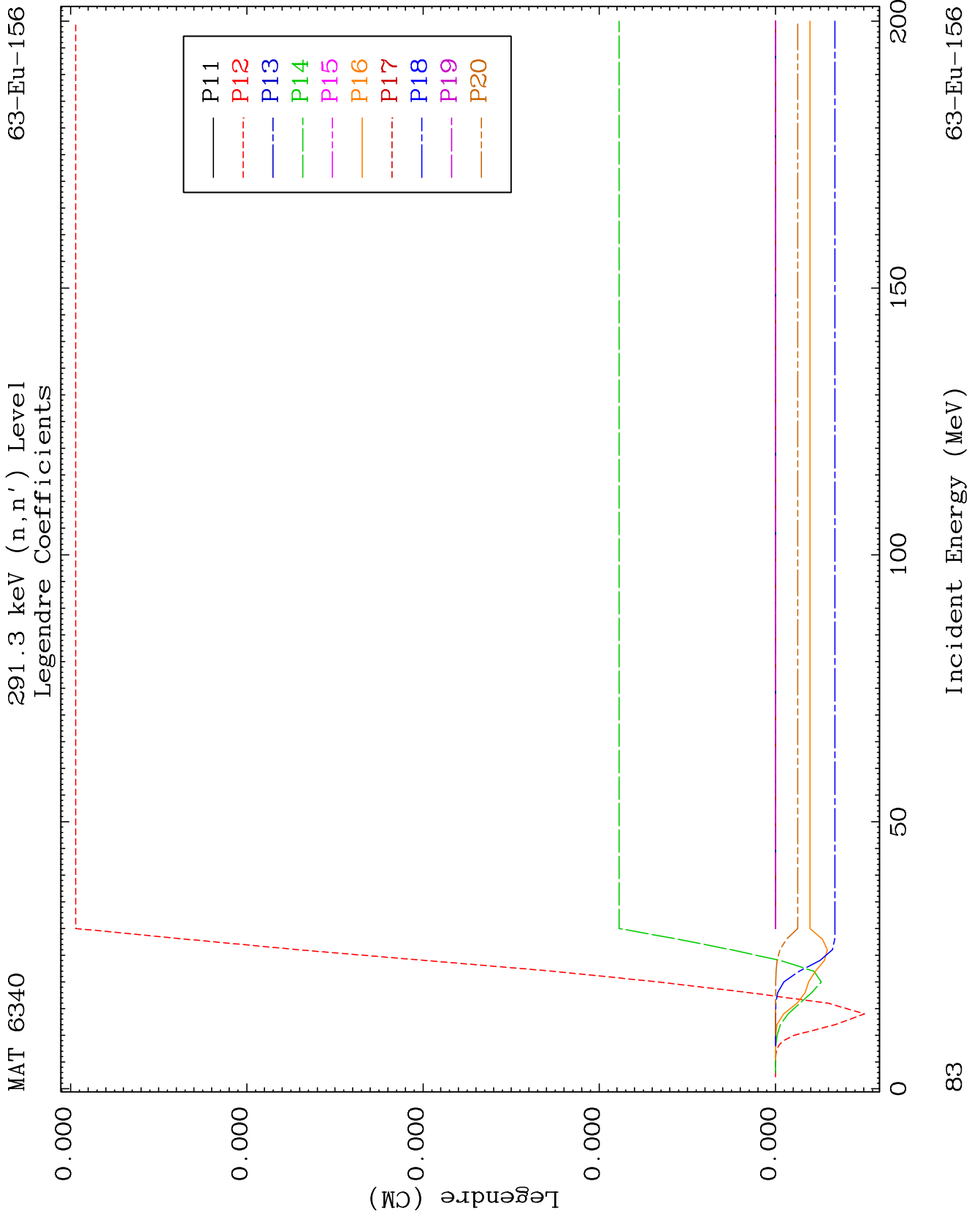
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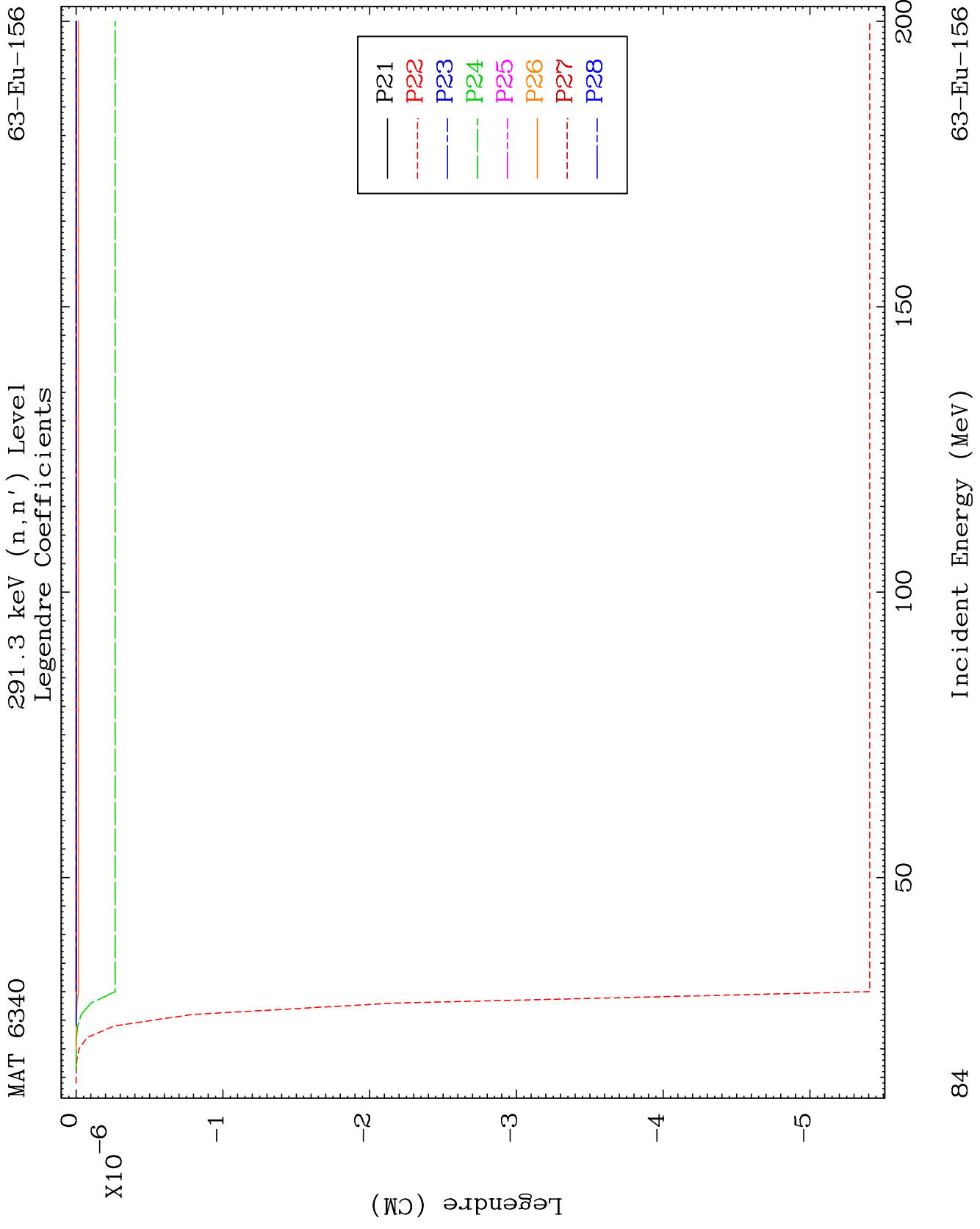








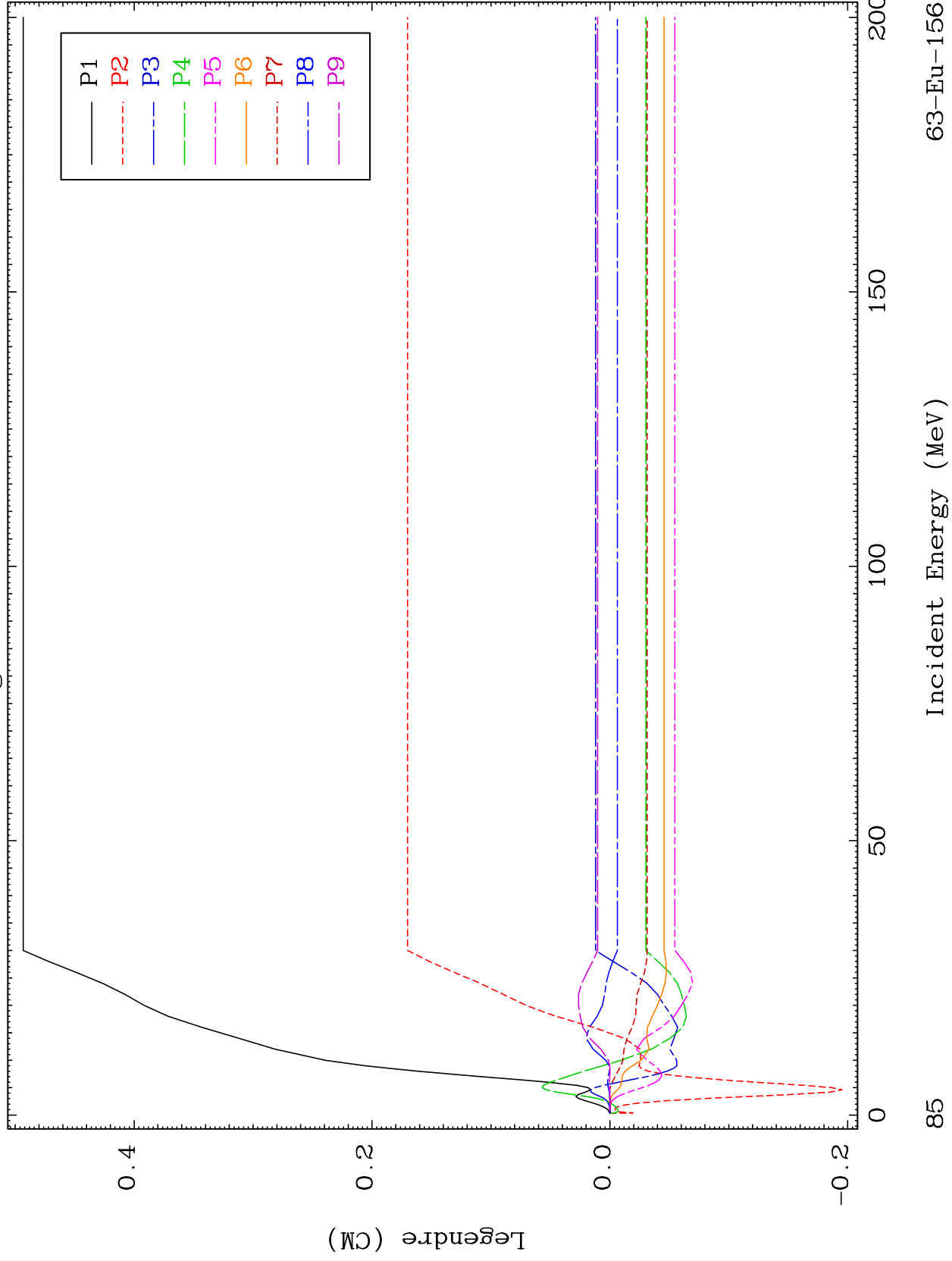




MAT 6340

313.1 keV (n,n') Level
Legendre Coefficients

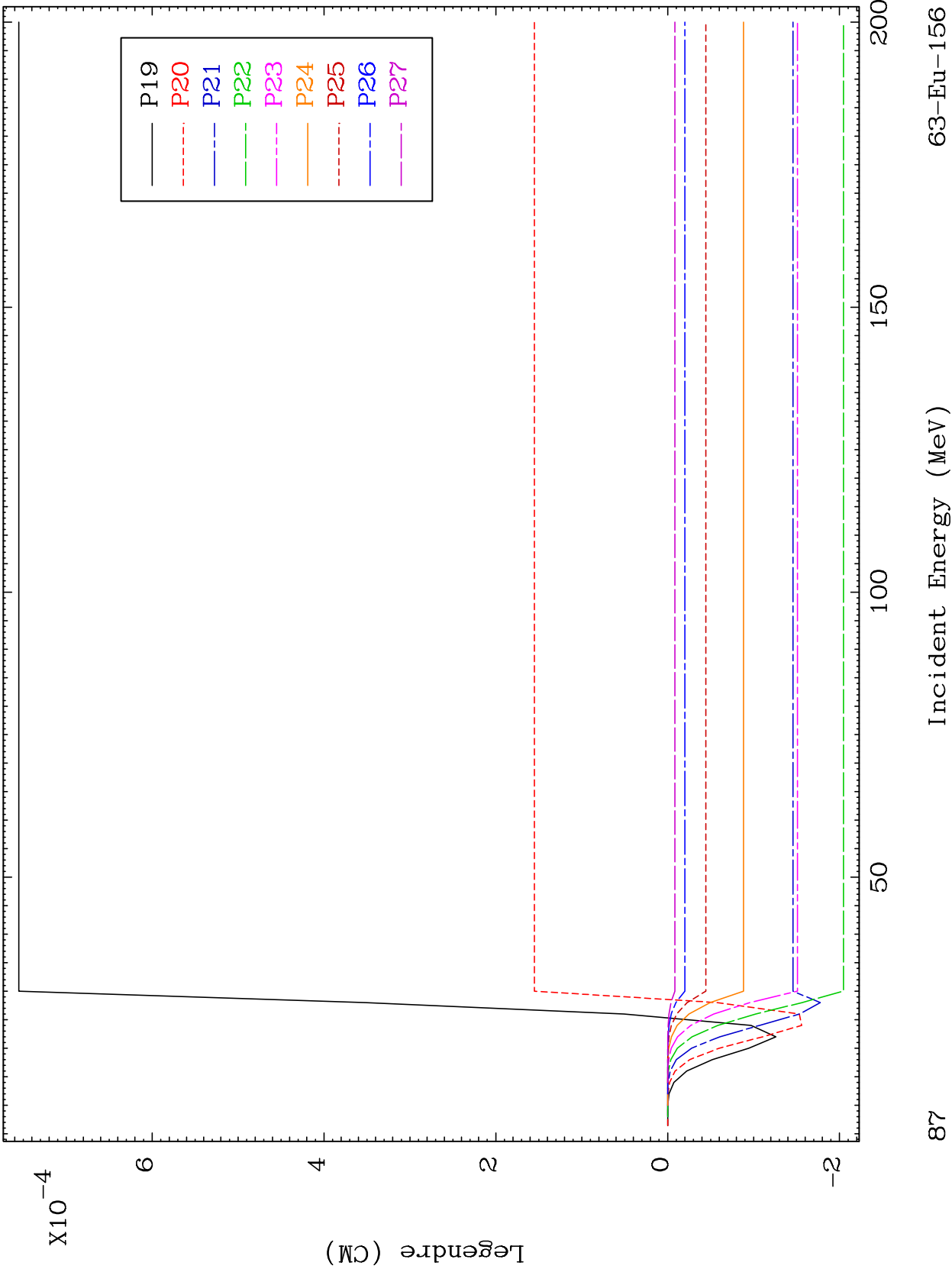
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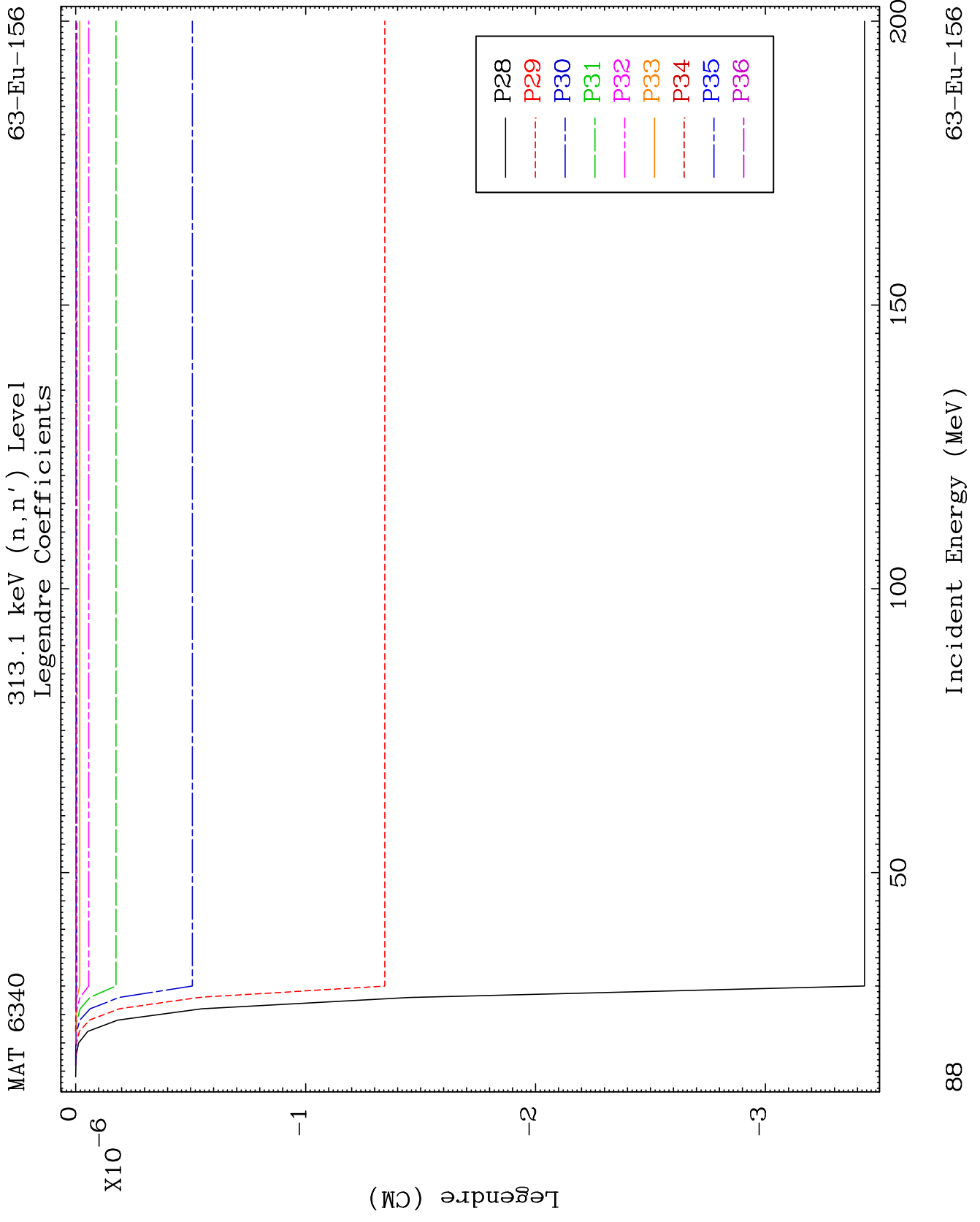


63-Eu-156

Incident Energy (MeV)

85

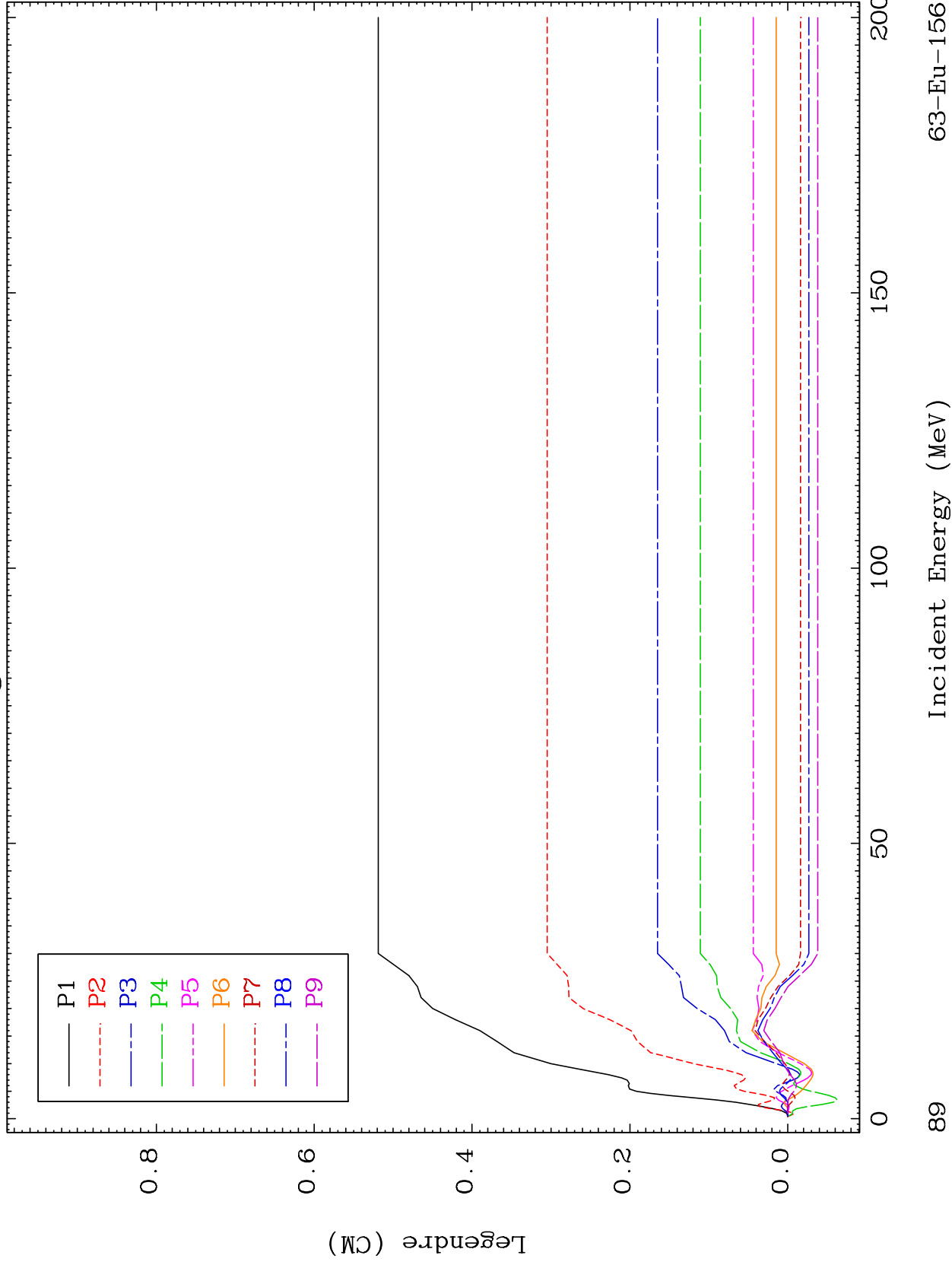




MAT 6340

324.7 keV (n,n') Level
Legendre Coefficients

63-Eu-156



63-Eu-156

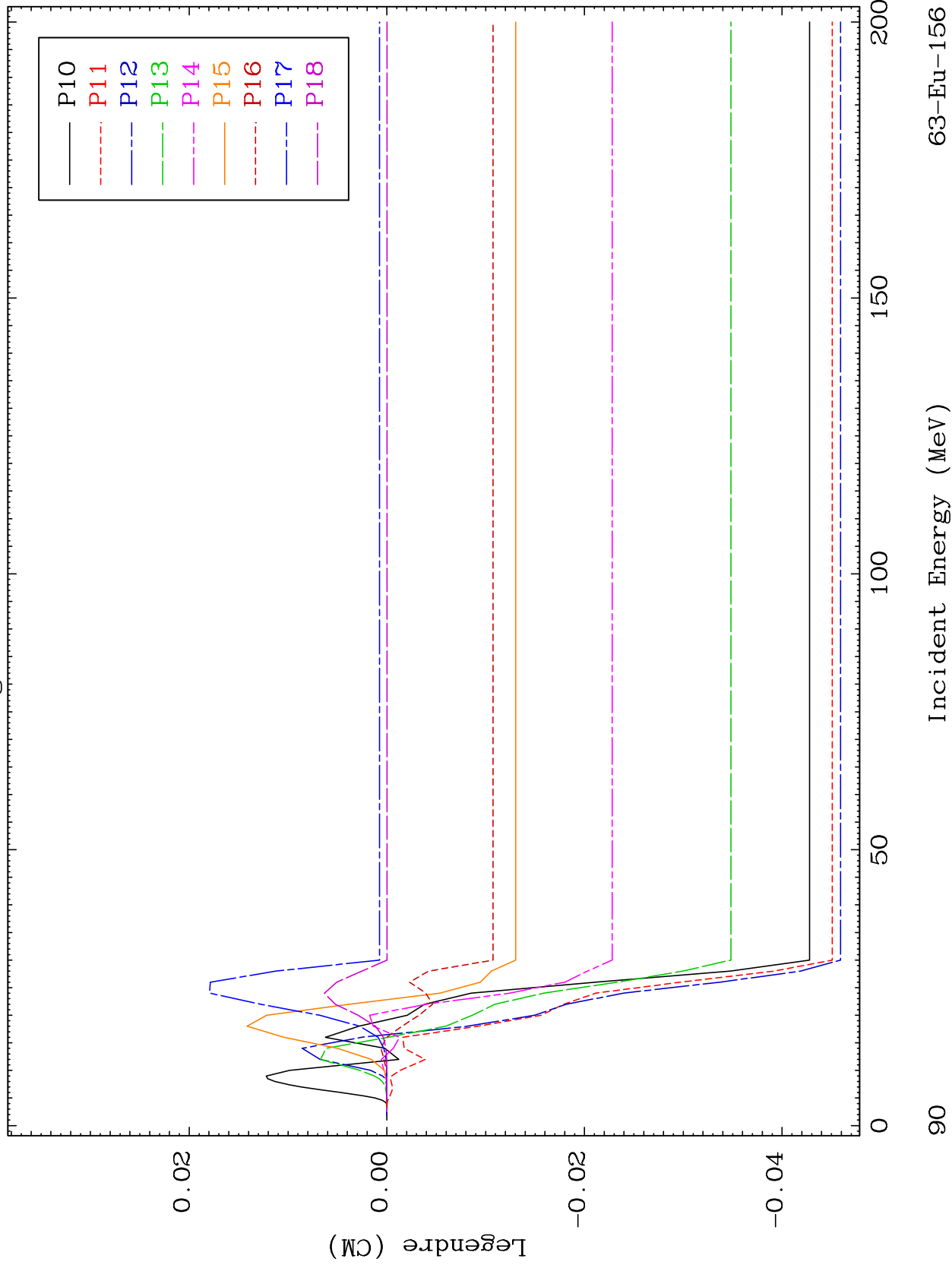
Incident Energy (MeV)

89

MAT 6340

324.7 keV (n,n') Level
Legendre Coefficients

63-Eu-156



63-Eu-156

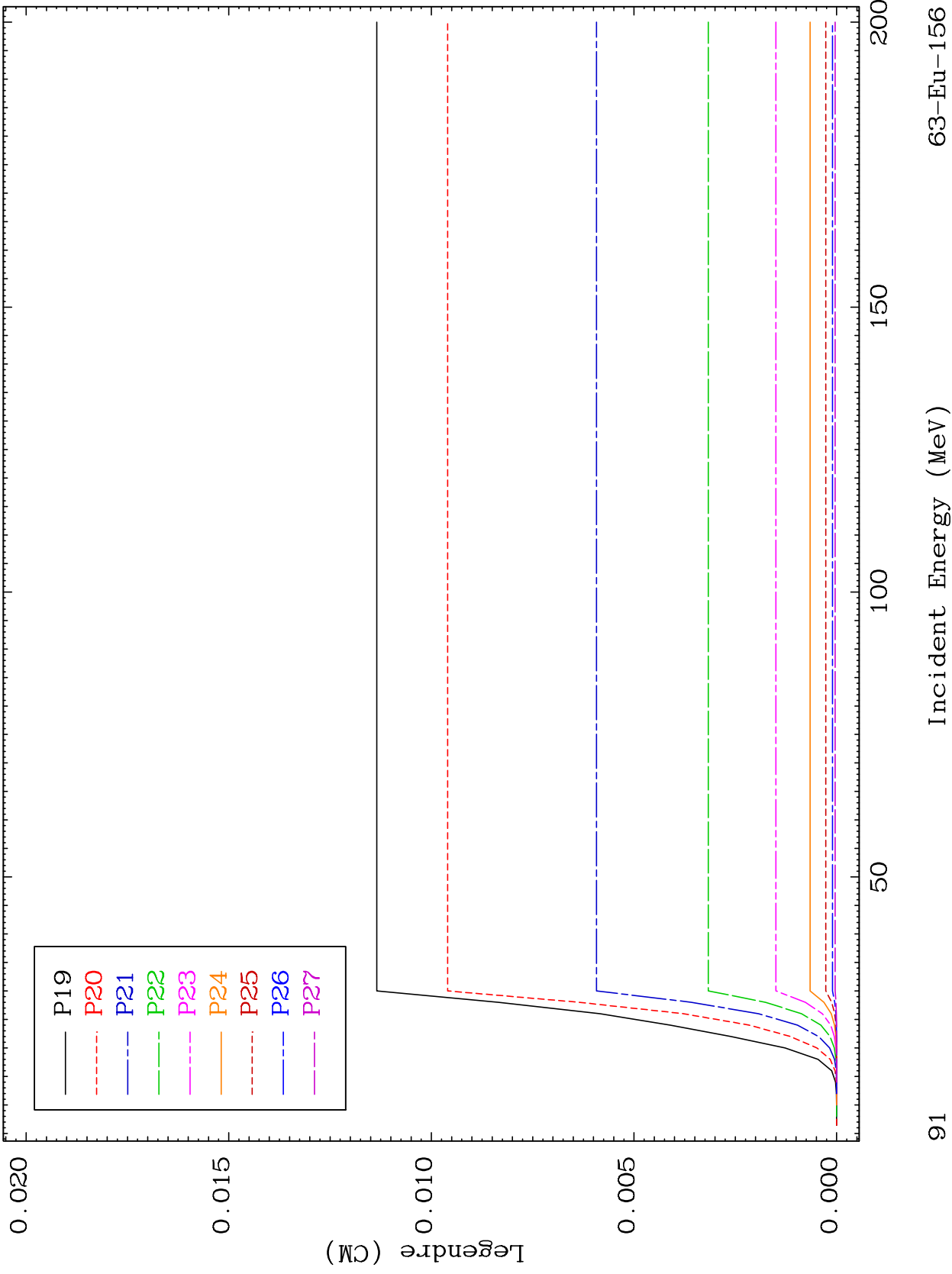
Incident Energy (MeV)

90

MAT 6340

324.7 keV (n, n') Level
Legendre Coefficients

63-Eu-156



91

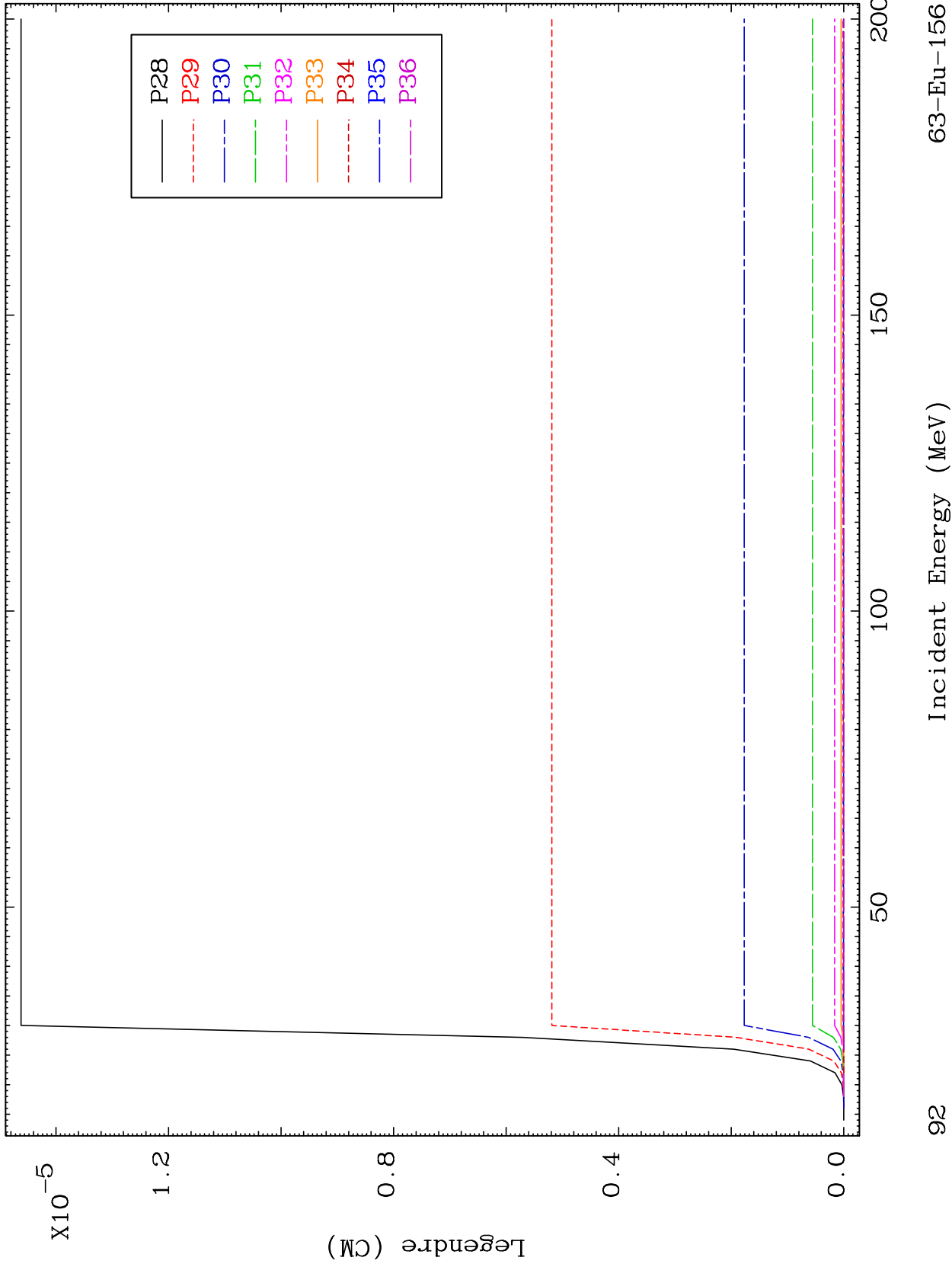
Incident Energy (MeV)

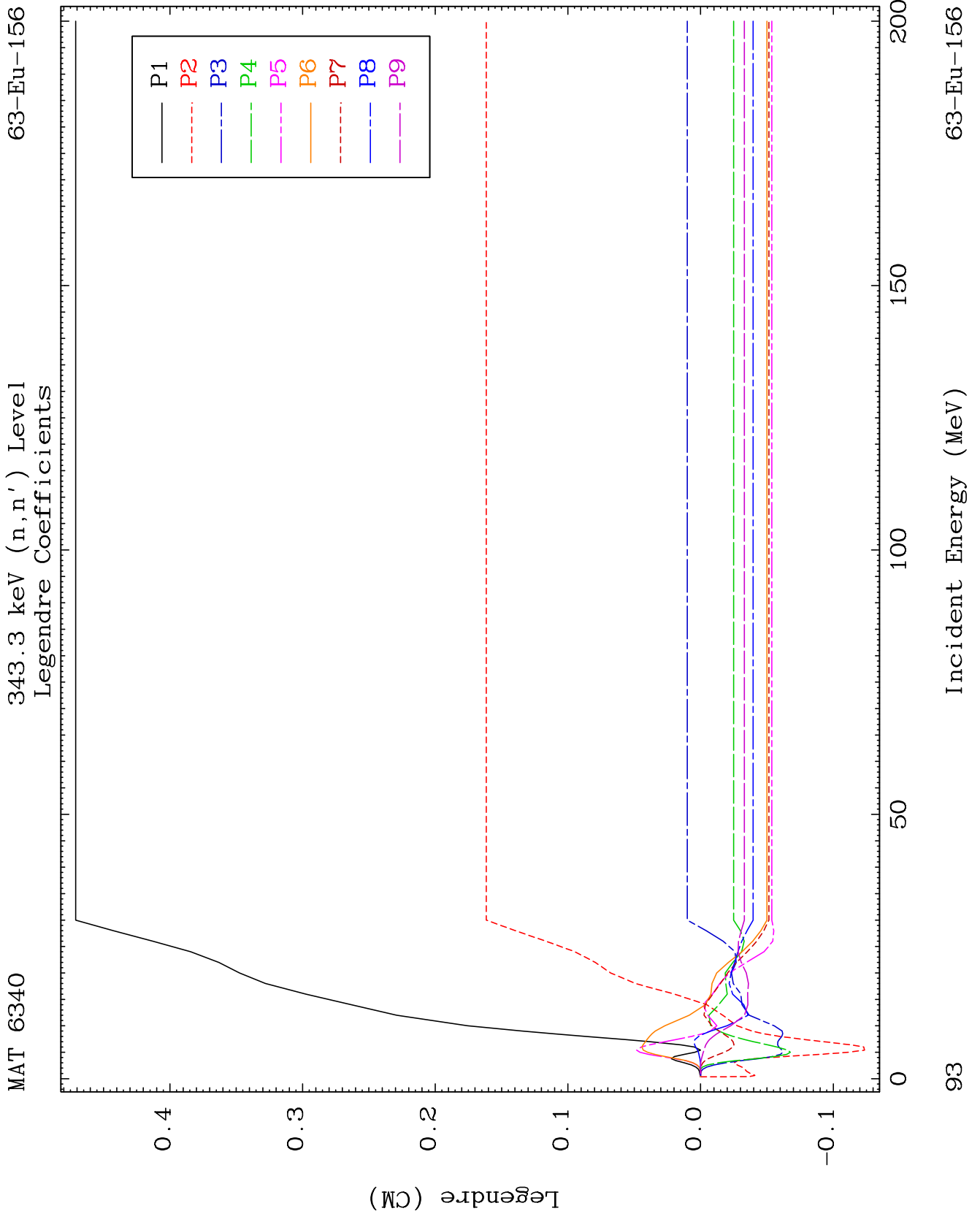
63-Eu-156

MAT 6340

324.7 keV (n,n') Level
Legendre Coefficients

63-Eu-156

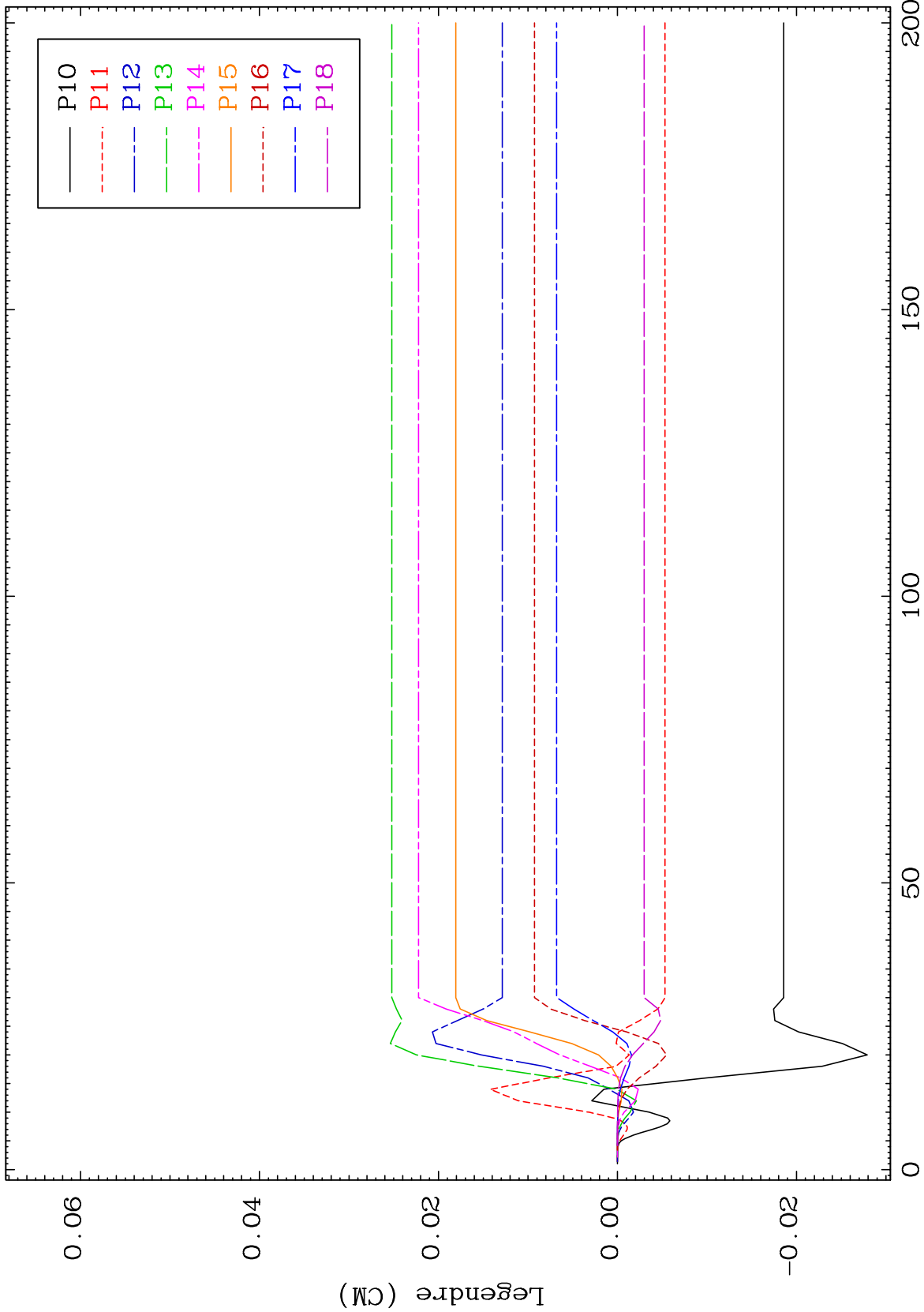




MAT 6340

343.3 keV (n, n') Level
Legendre Coefficients

63-Eu-156



94

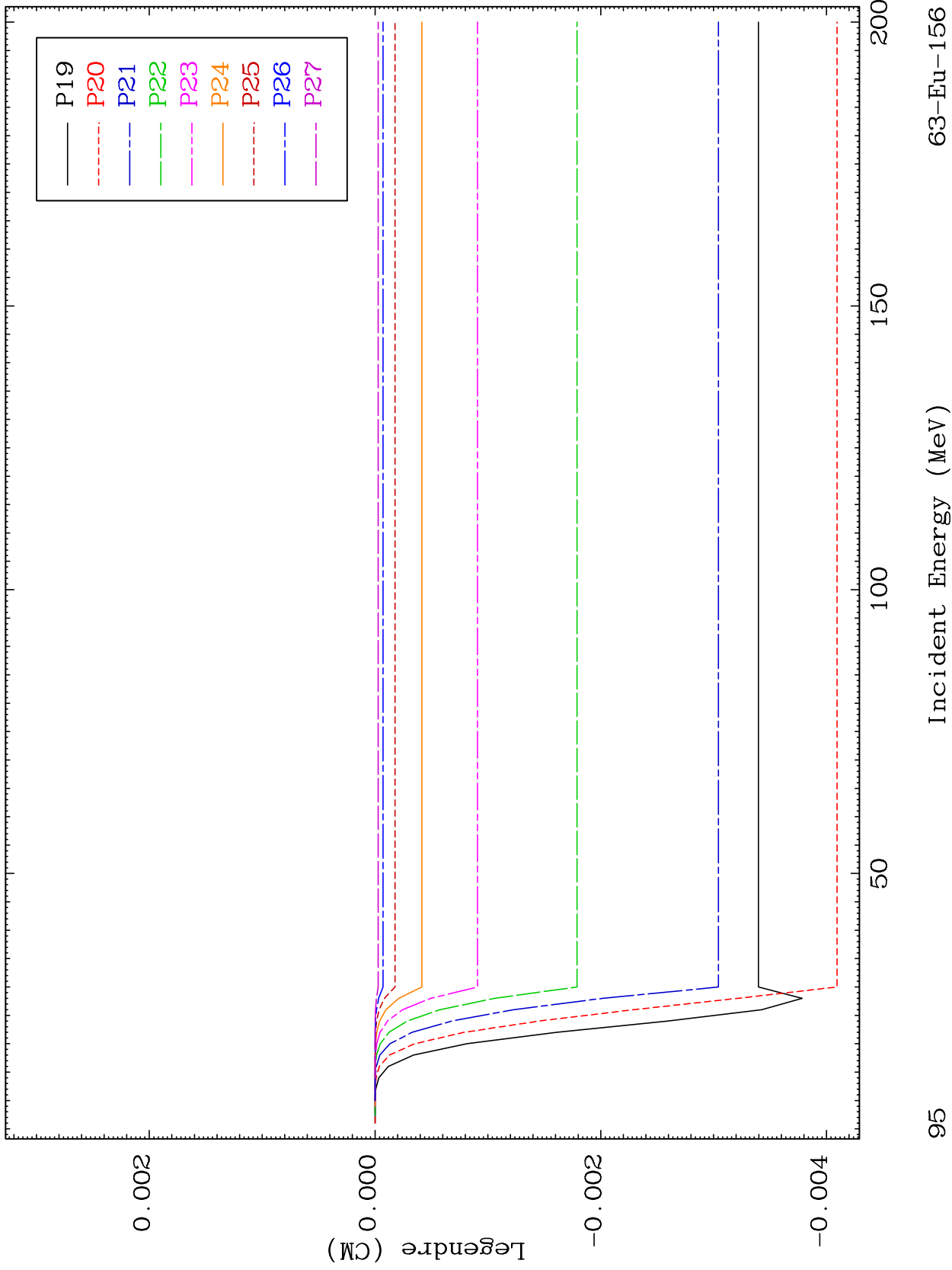
Incident Energy (MeV)

63-Eu-156

MAT 6340

343.3 keV (n, n') Level
Legendre Coefficients

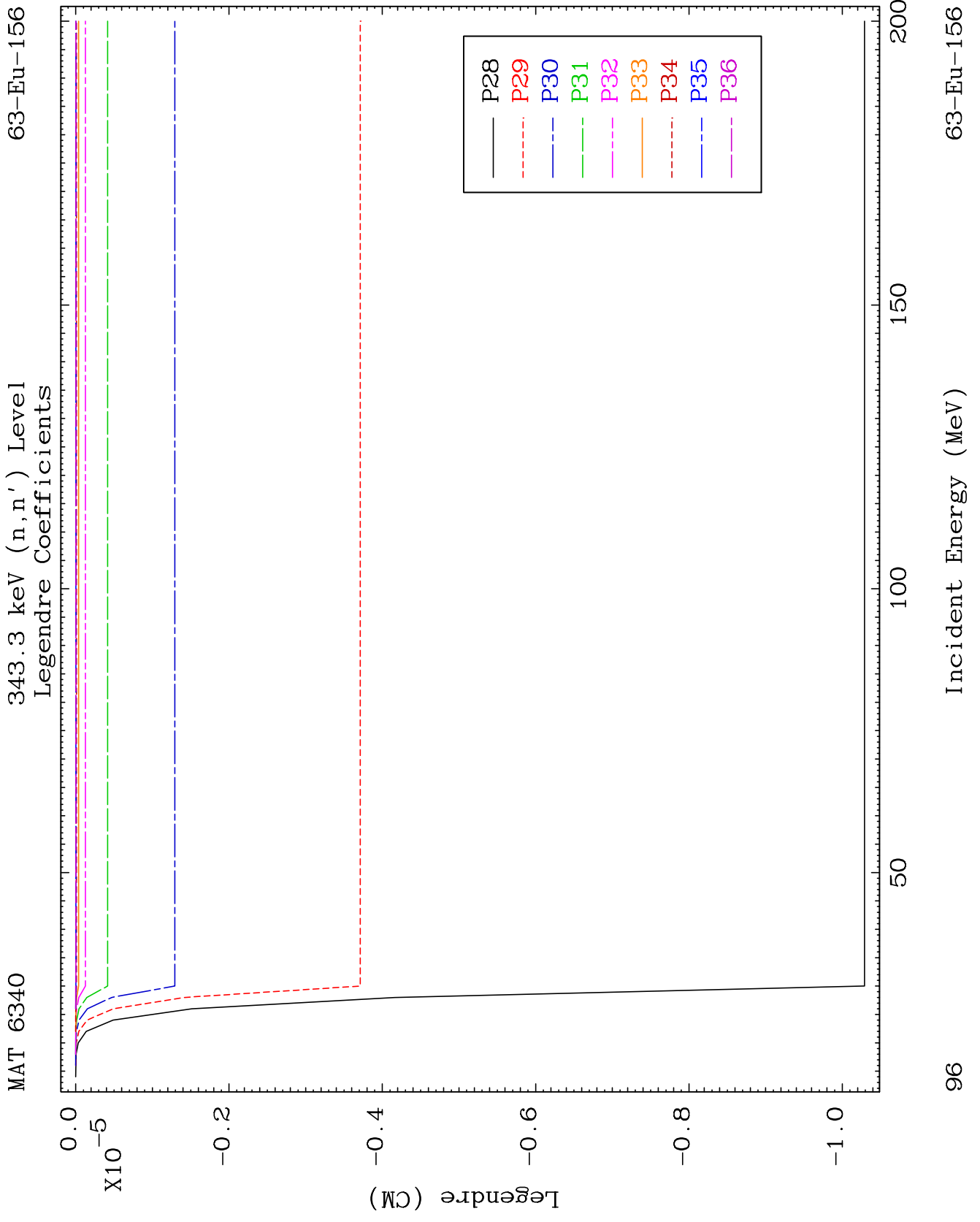
63-Eu-156



95

Incident Energy (MeV)

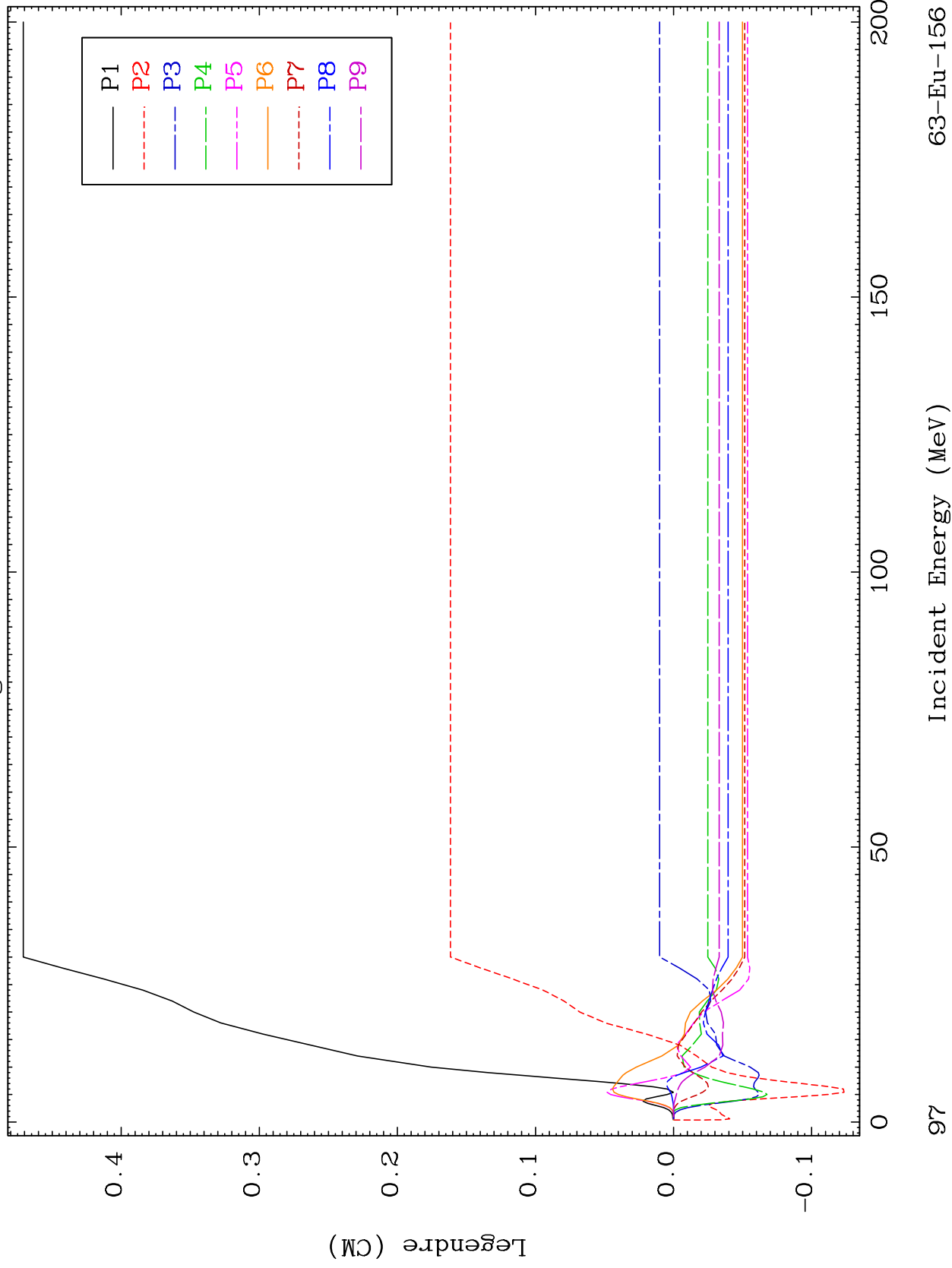
63-Eu-156



MAT 6340

353.4 keV (n,n') Level
Legendre Coefficients

63-Eu-156

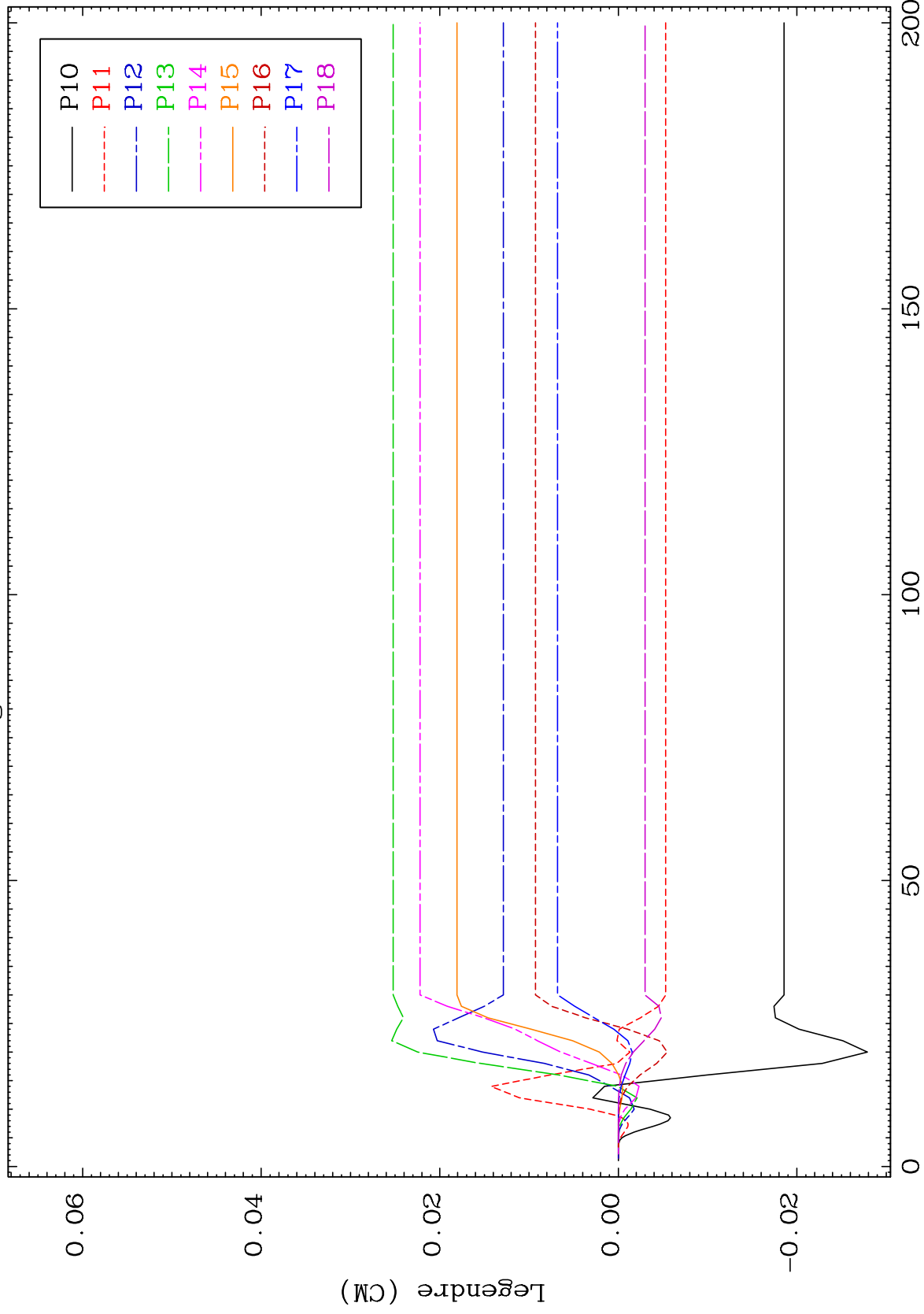


63-Eu-156

MAT 6340

353.4 keV (n,n') Level
Legendre Coefficients

63-Eu-156



98

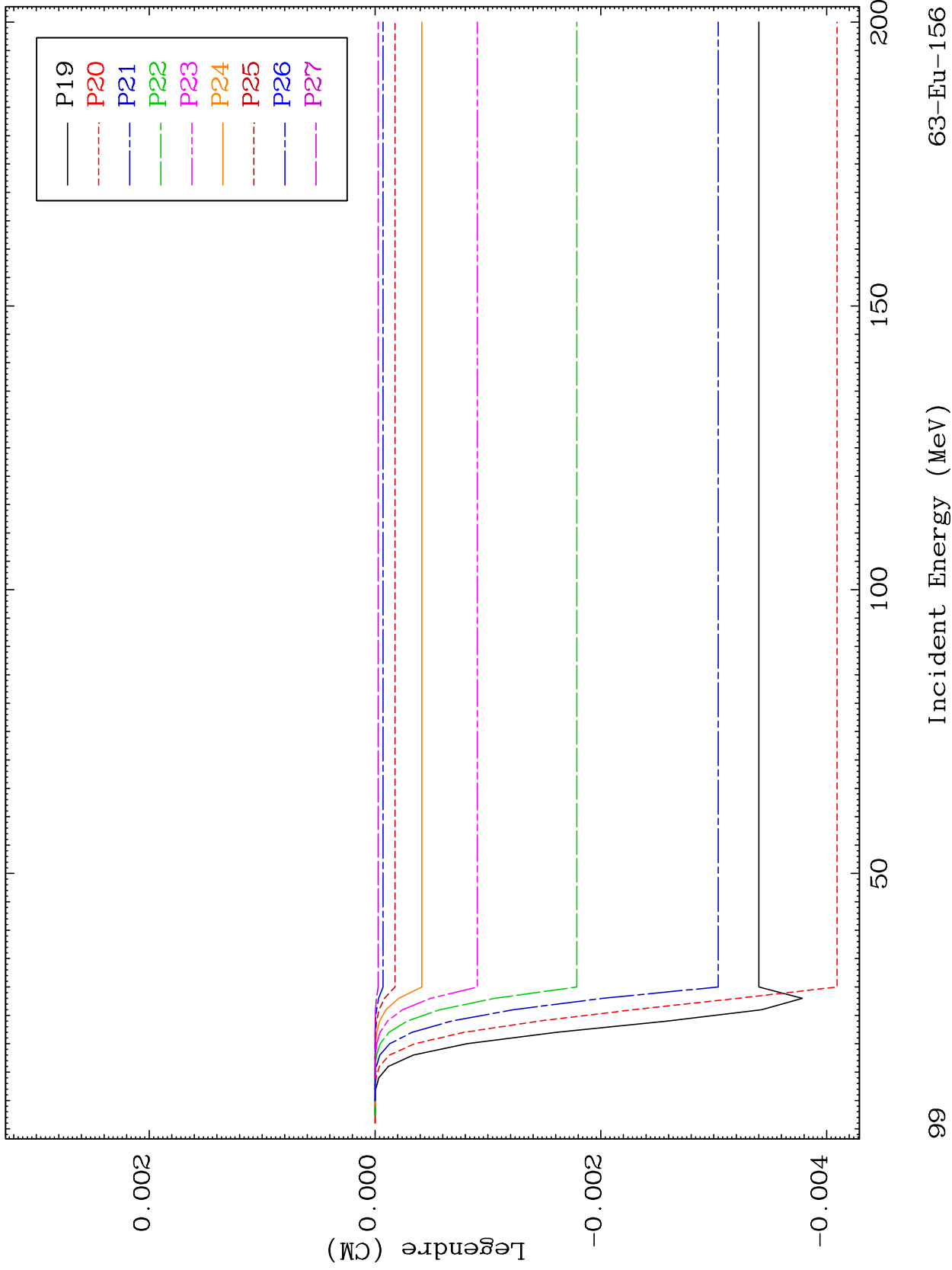
Incident Energy (MeV)

63-Eu-156

MAT 6340

353.4 keV (n,n') Level
Legendre Coefficients

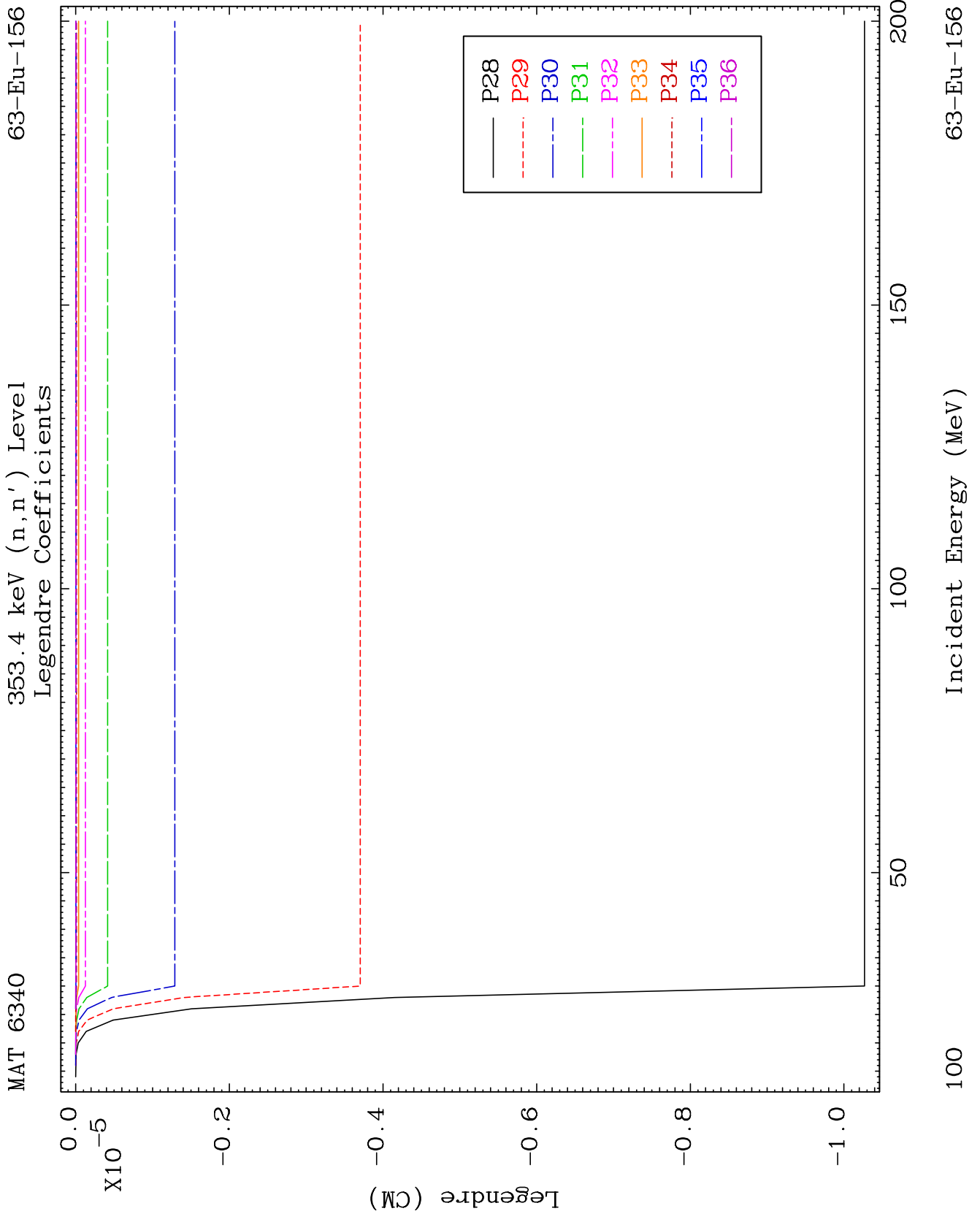
63-Eu-156



99

Incident Energy (MeV)

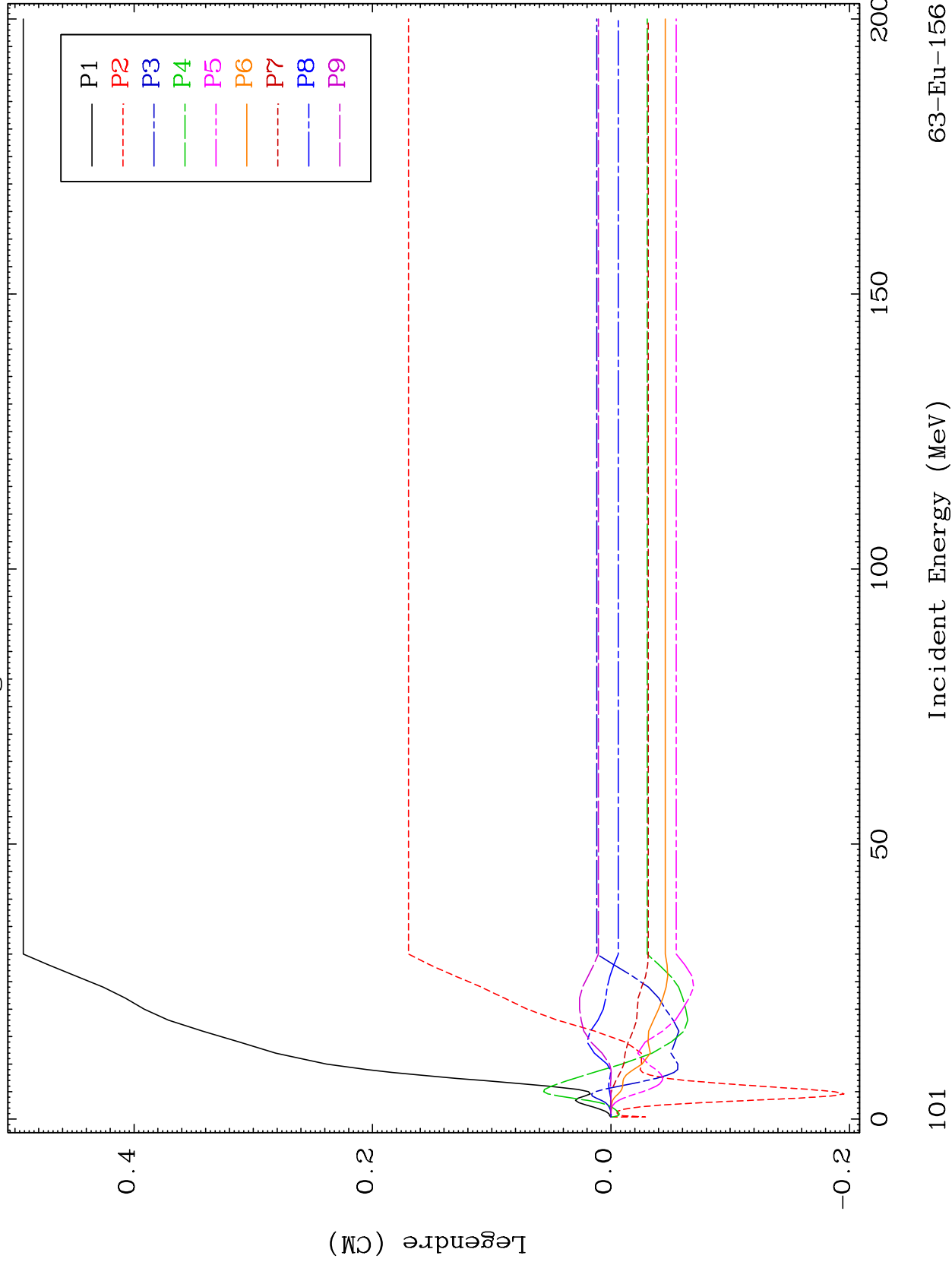
63-Eu-156



MAT 6340

368.5 keV (n,n') Level
Legendre Coefficients

63-Eu-156



63-Eu-156

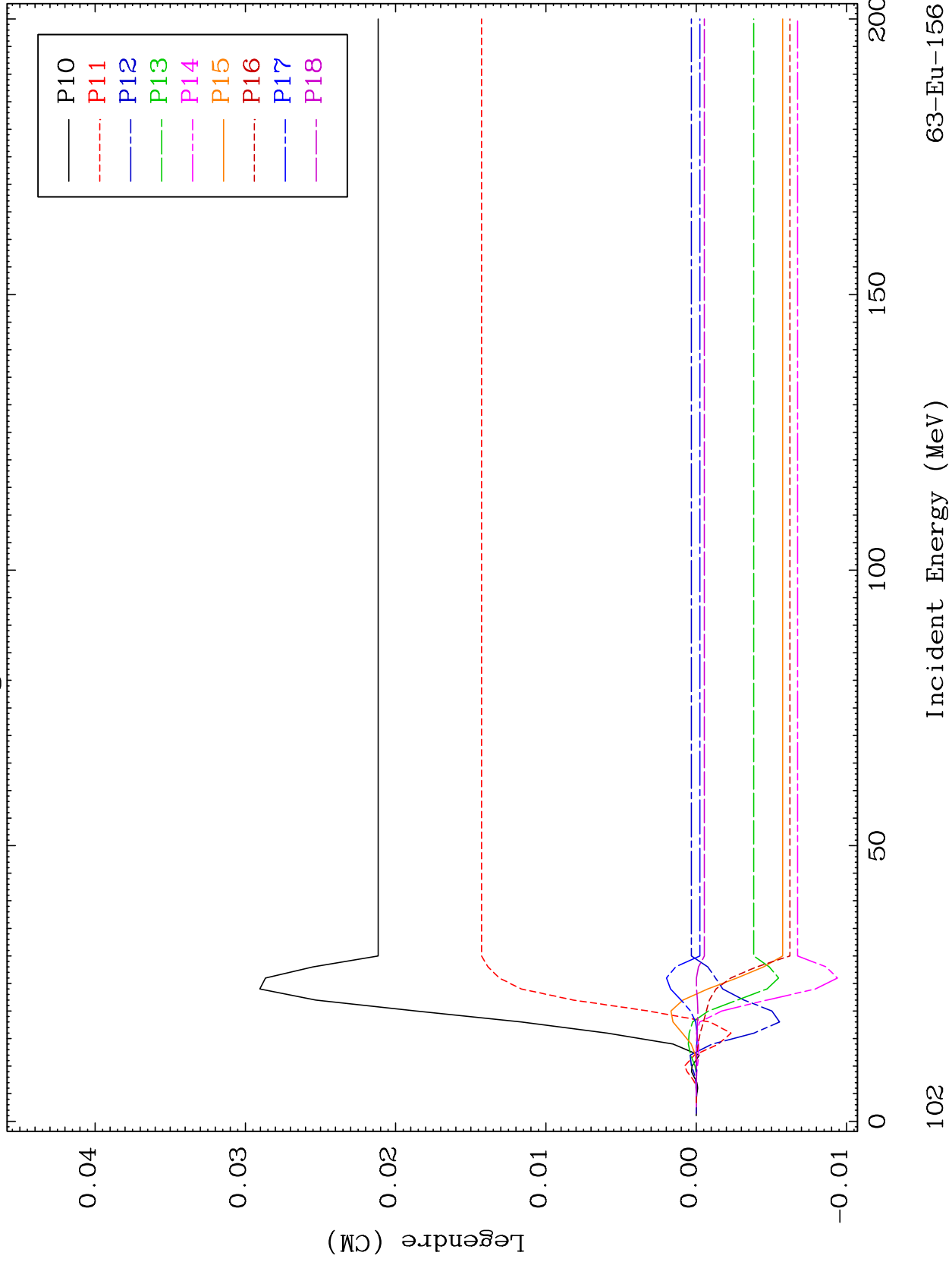
Incident Energy (MeV)

101

MAT 6340

368.5 keV (n,n') Level
Legendre Coefficients

63-Eu-156



63-Eu-156

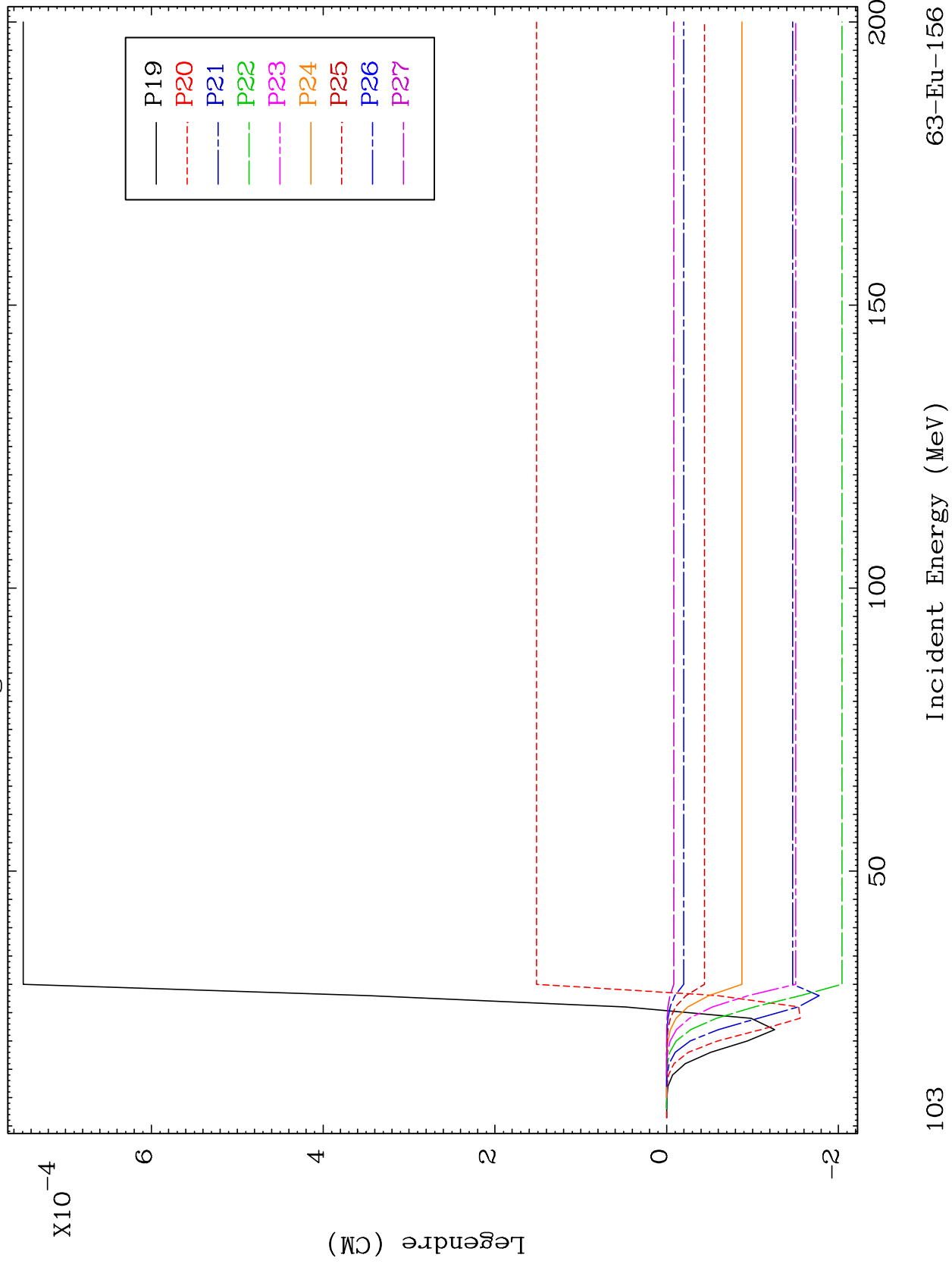
Incident Energy (MeV)

102

MAT 6340

368.5 keV (n,n') Level
Legendre Coefficients

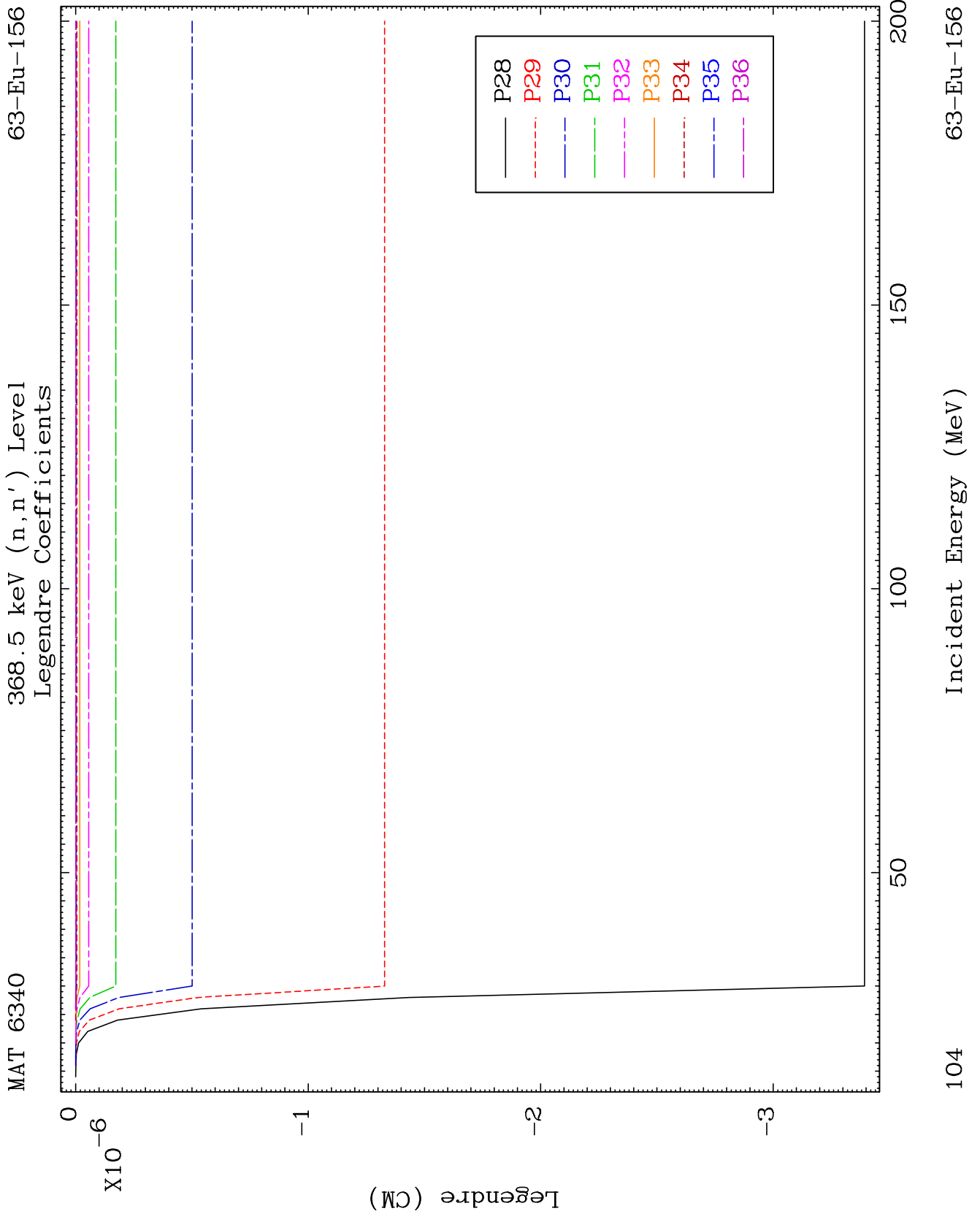
63-Eu-156

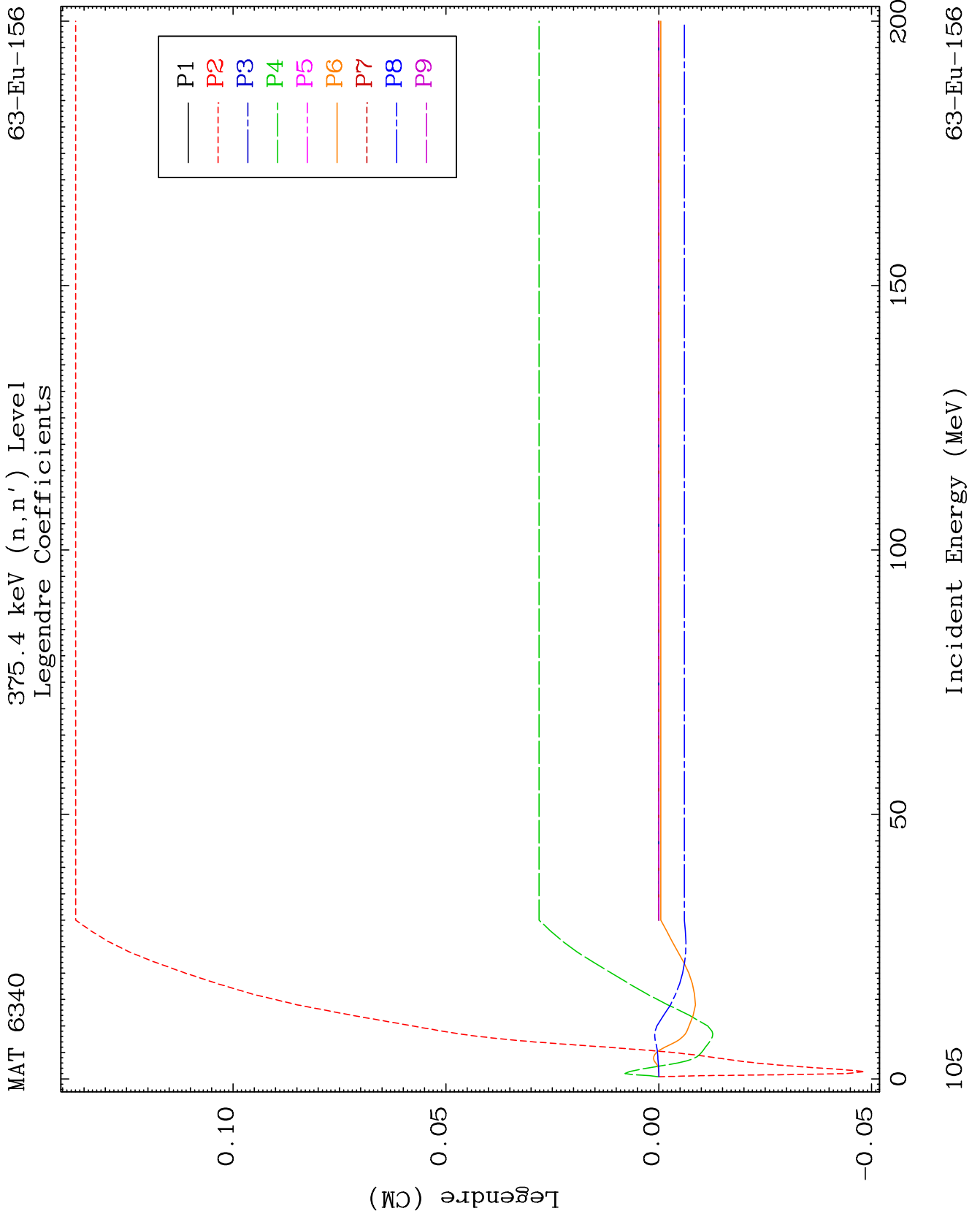


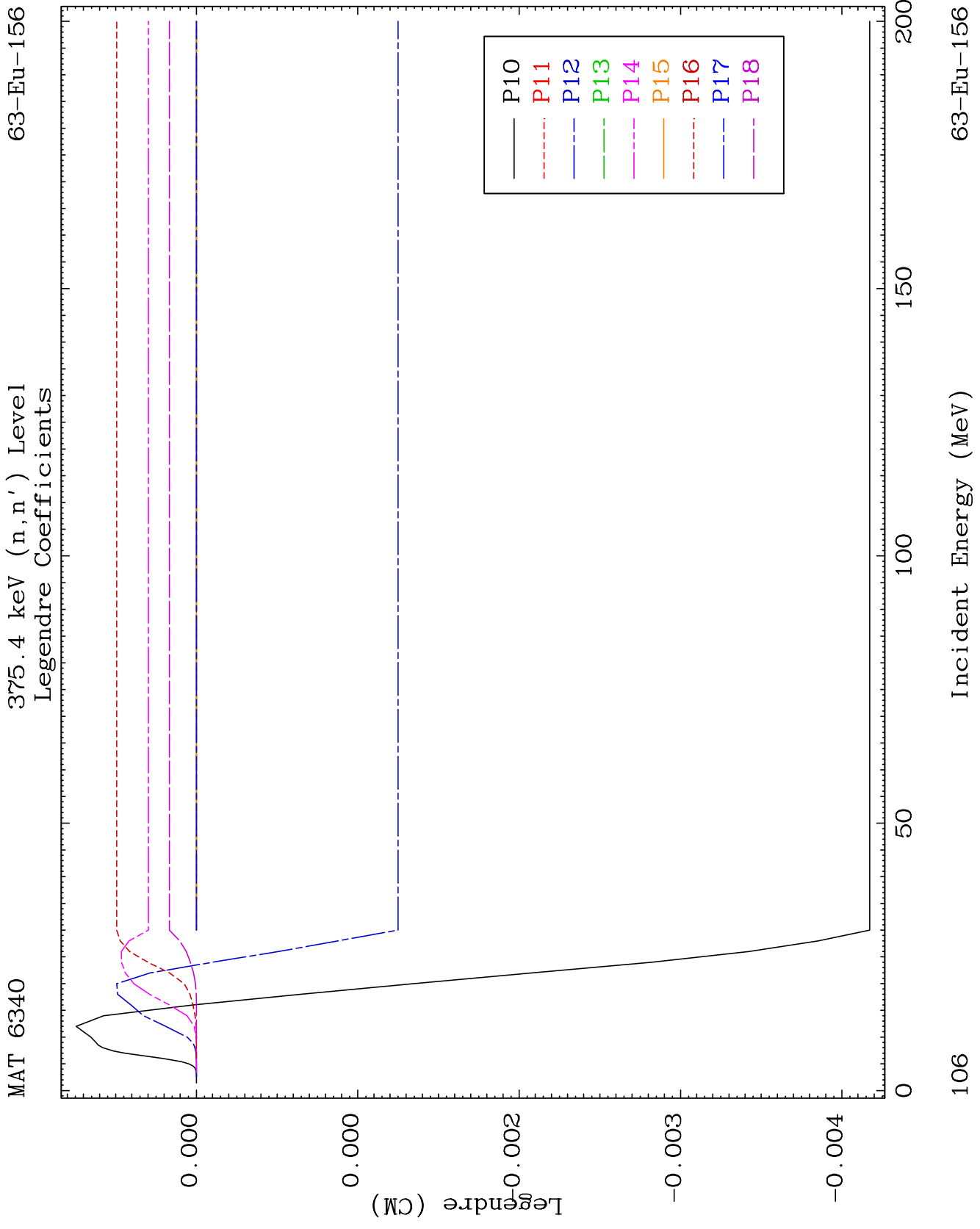
103

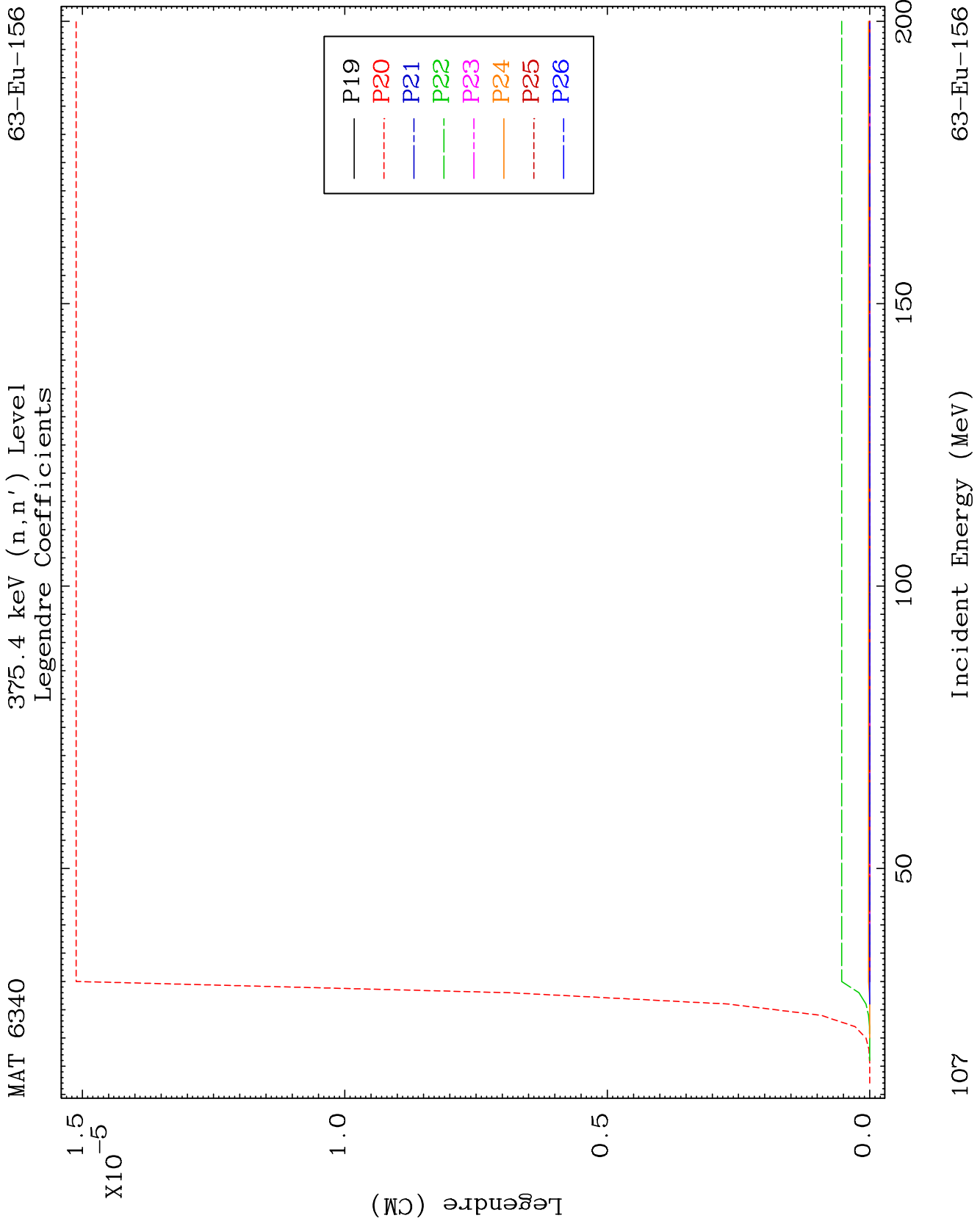
Incident Energy (MeV)

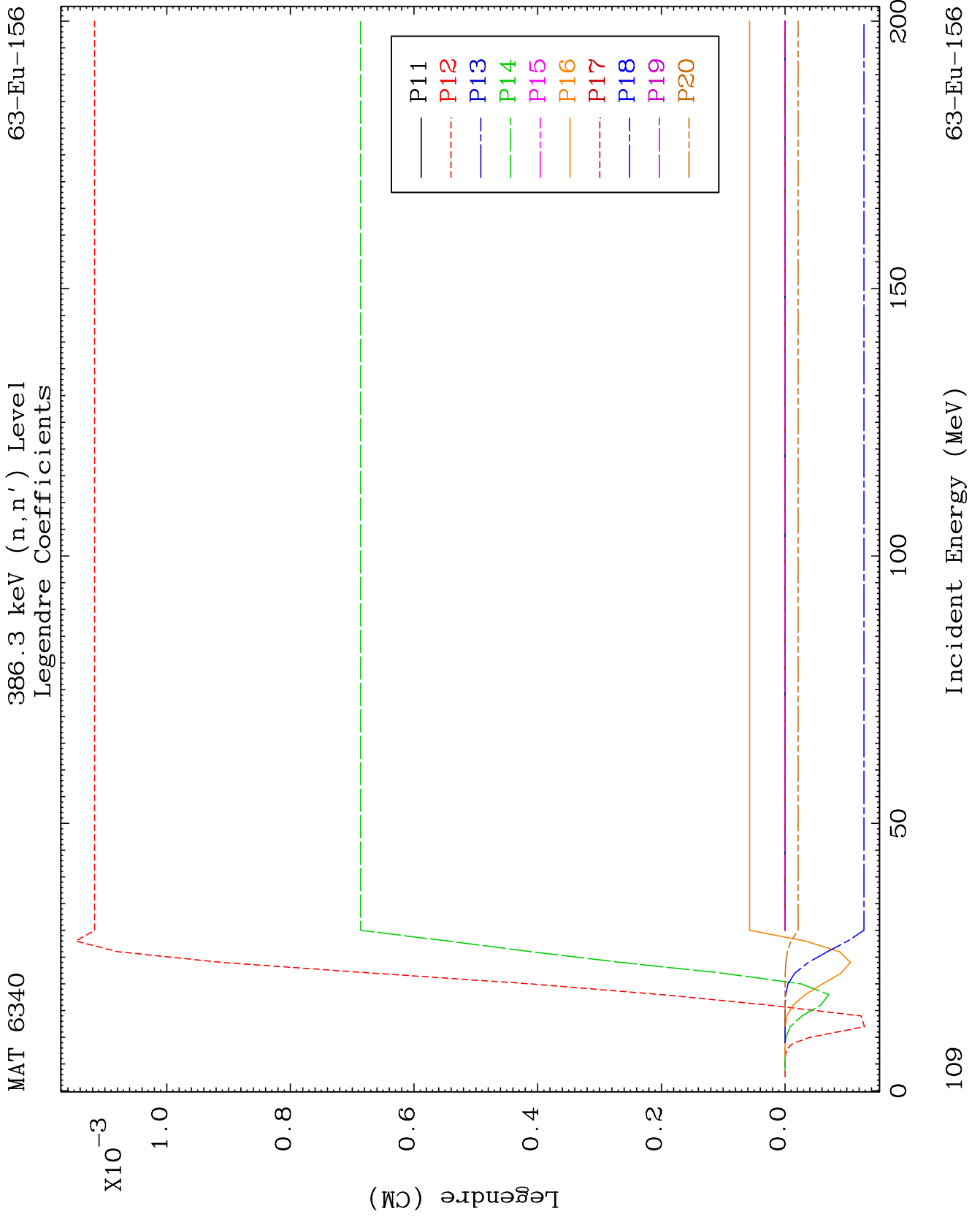
63-Eu-156

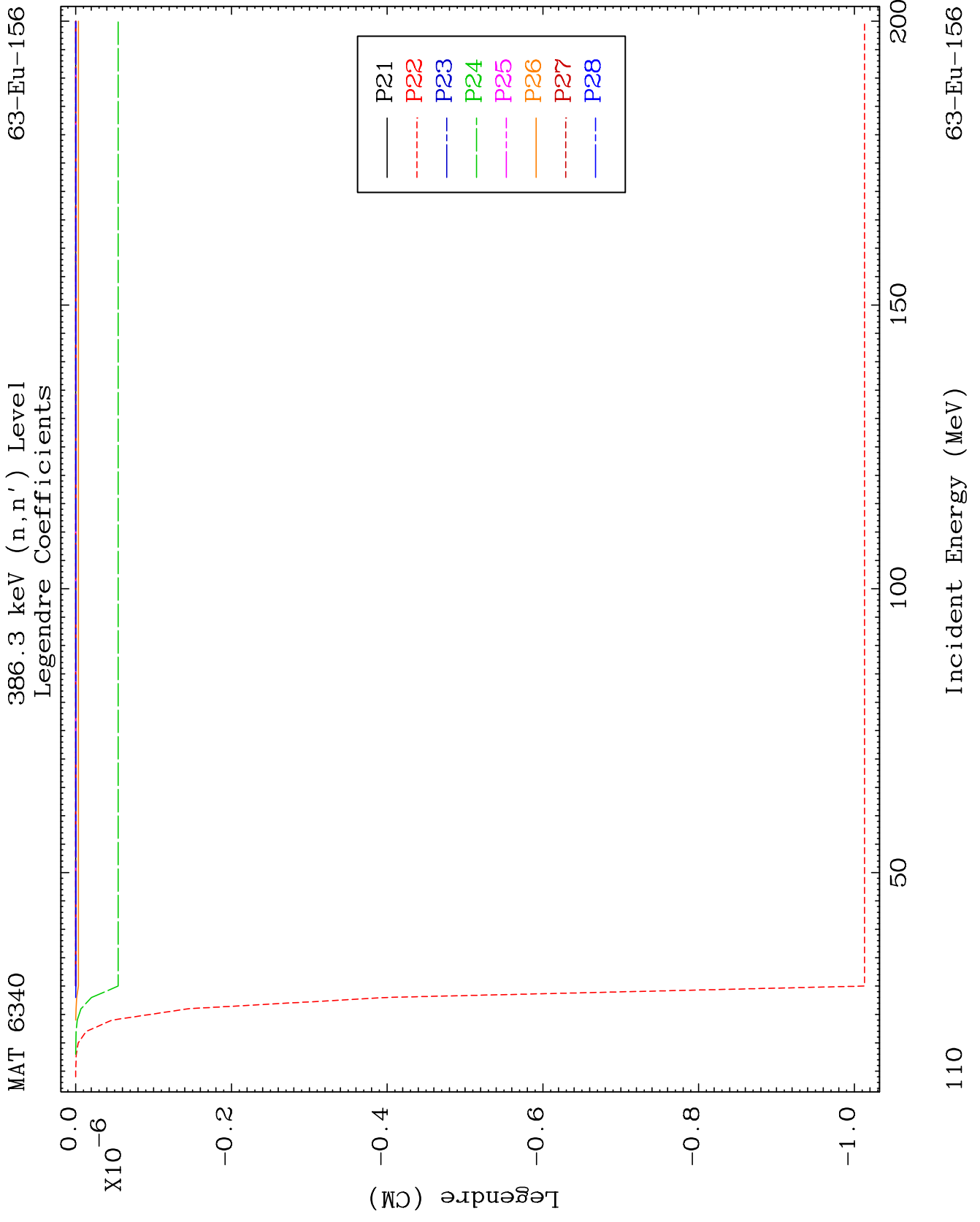








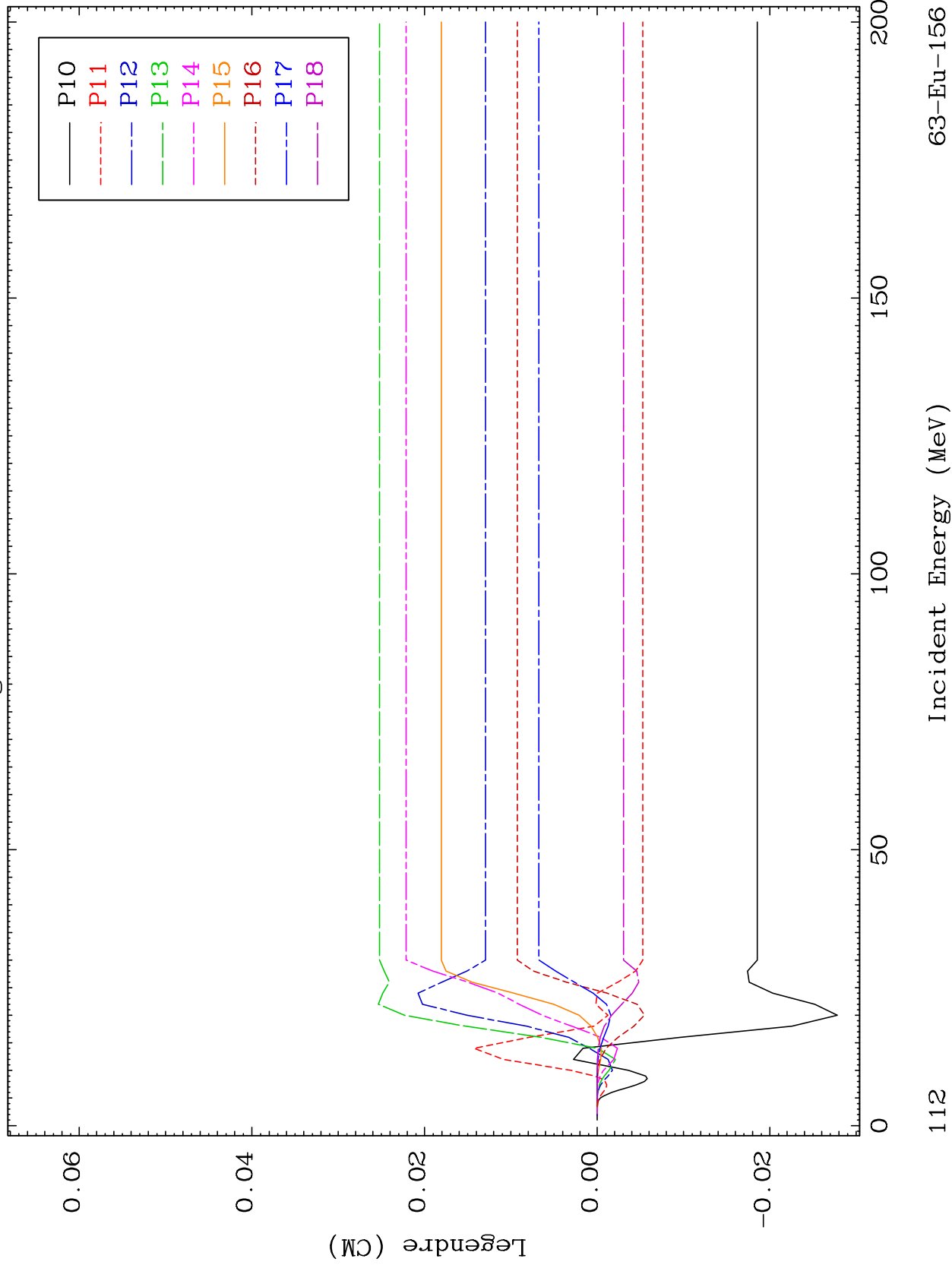




MAT 6340

434.2 keV (n,n') Level
Legendre Coefficients

63-Eu-156



112

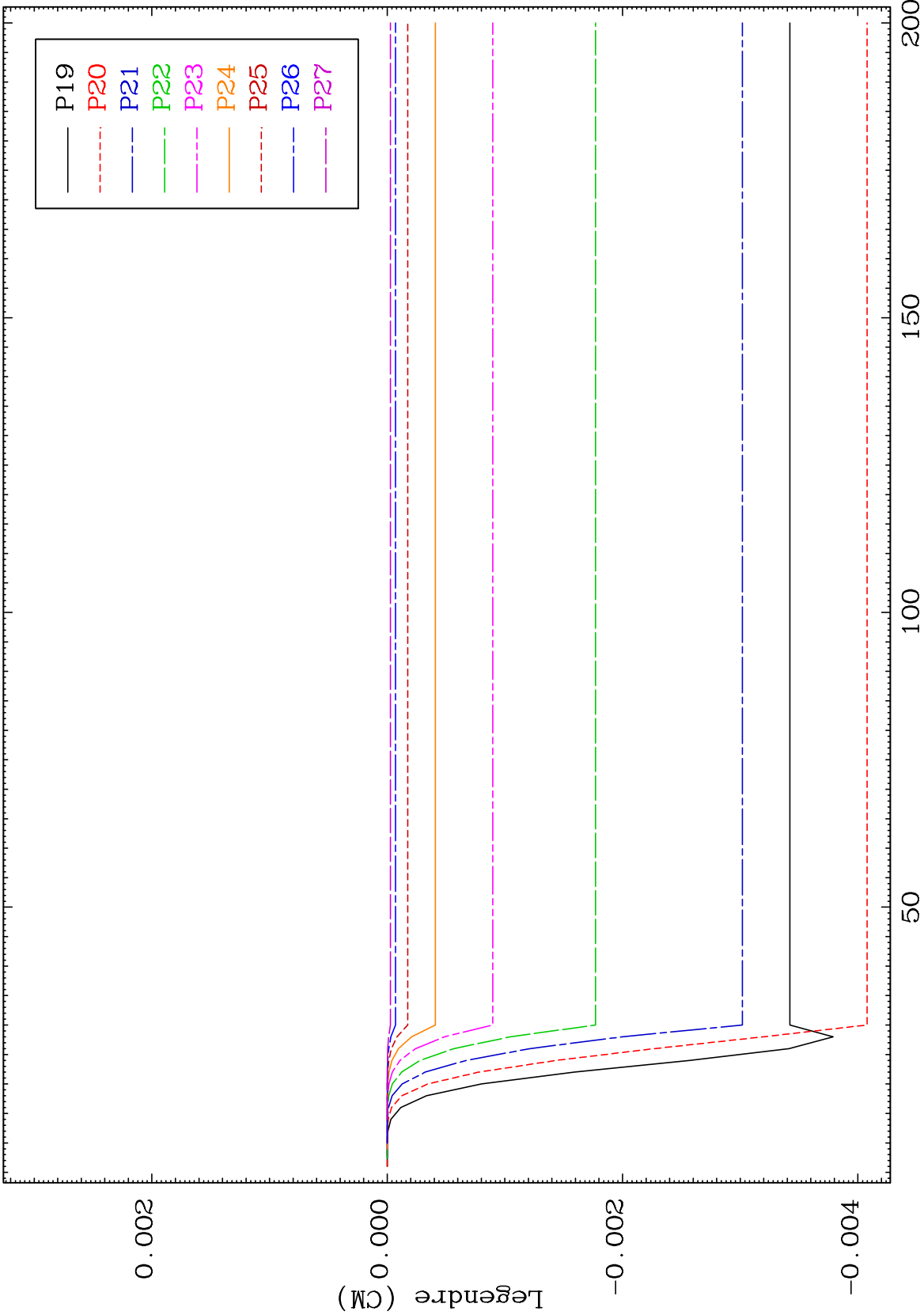
Incident Energy (MeV)

63-Eu-156

MAT 6340

434.2 keV (n,n') Level
Legendre Coefficients

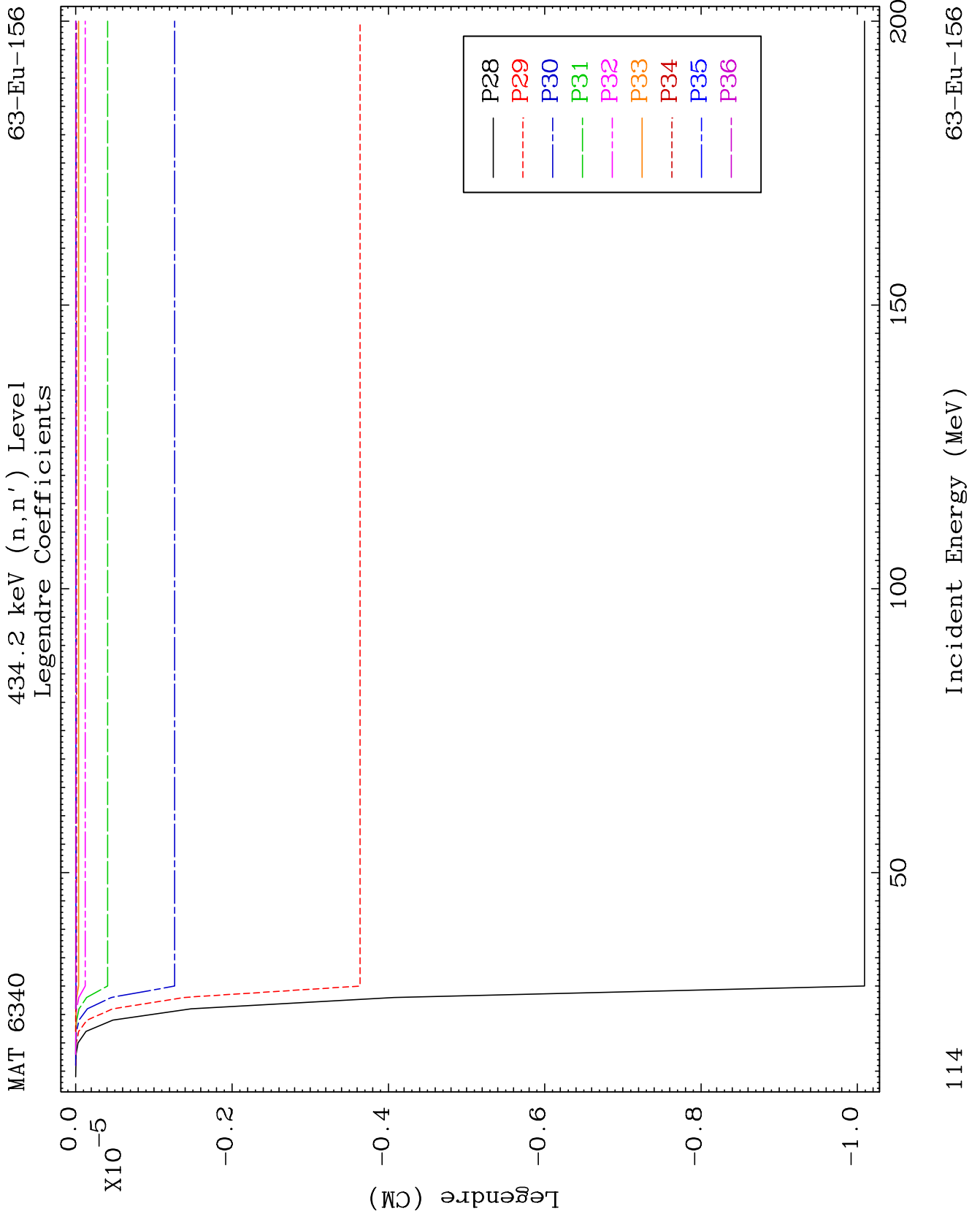
63-Eu-156

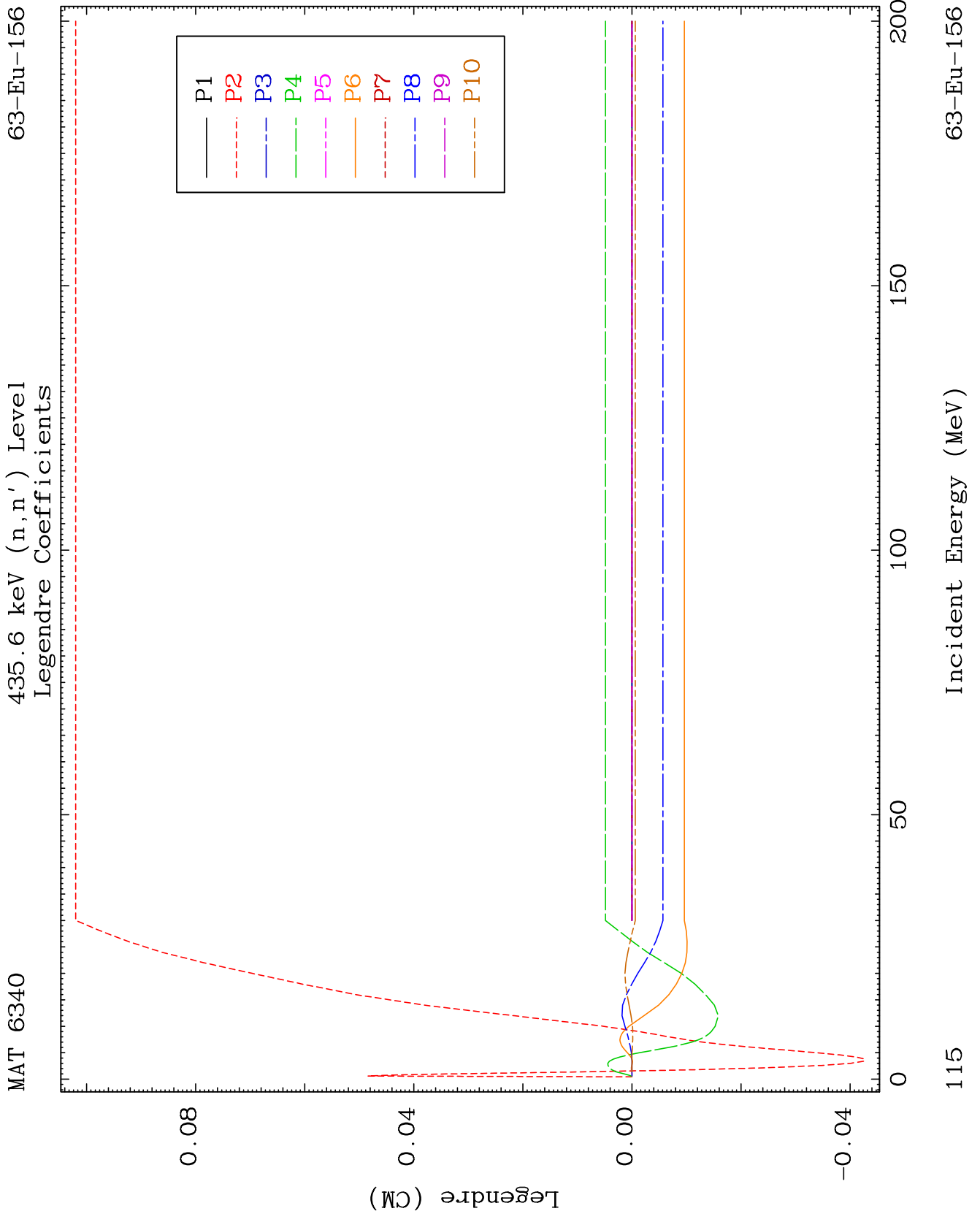


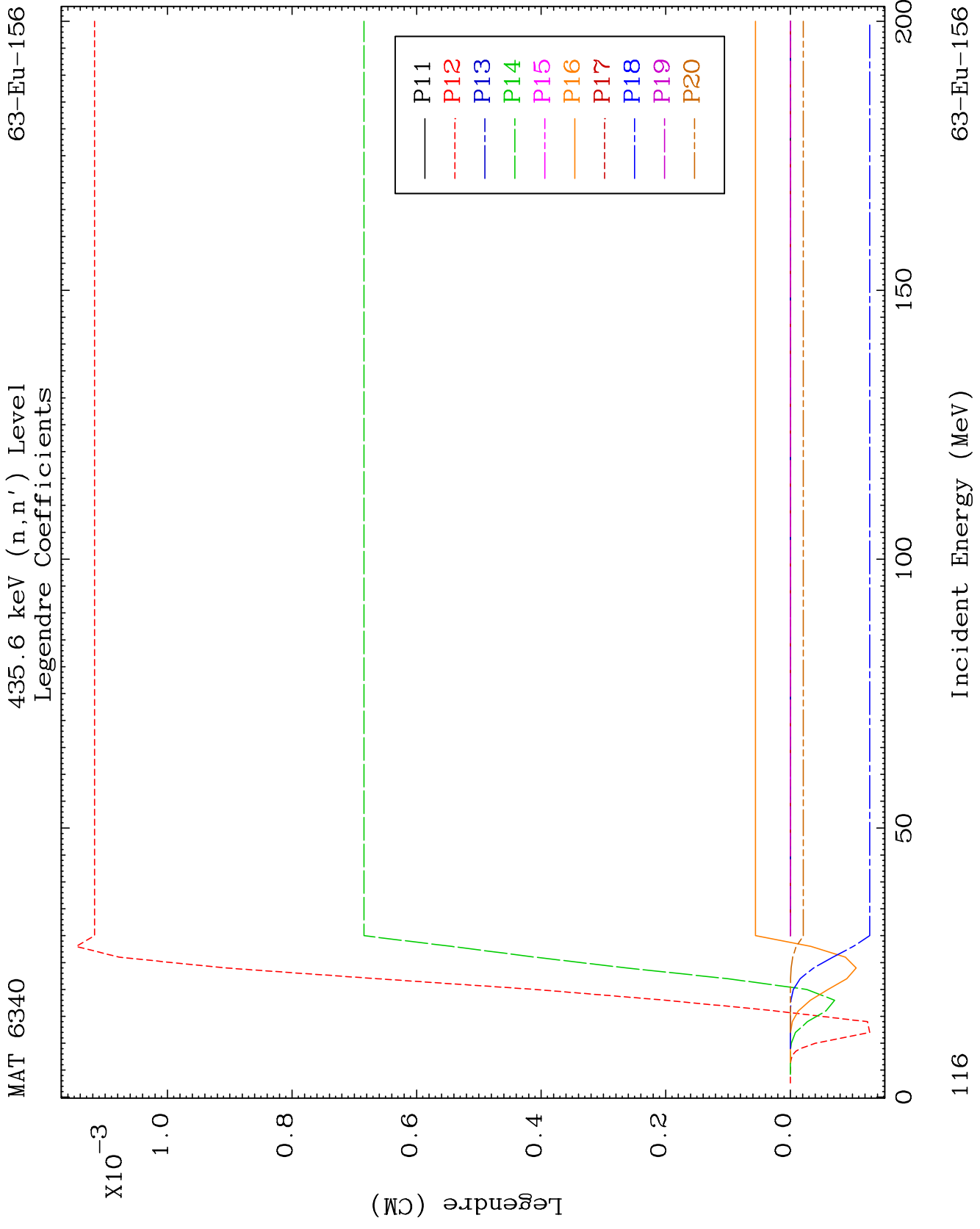
113

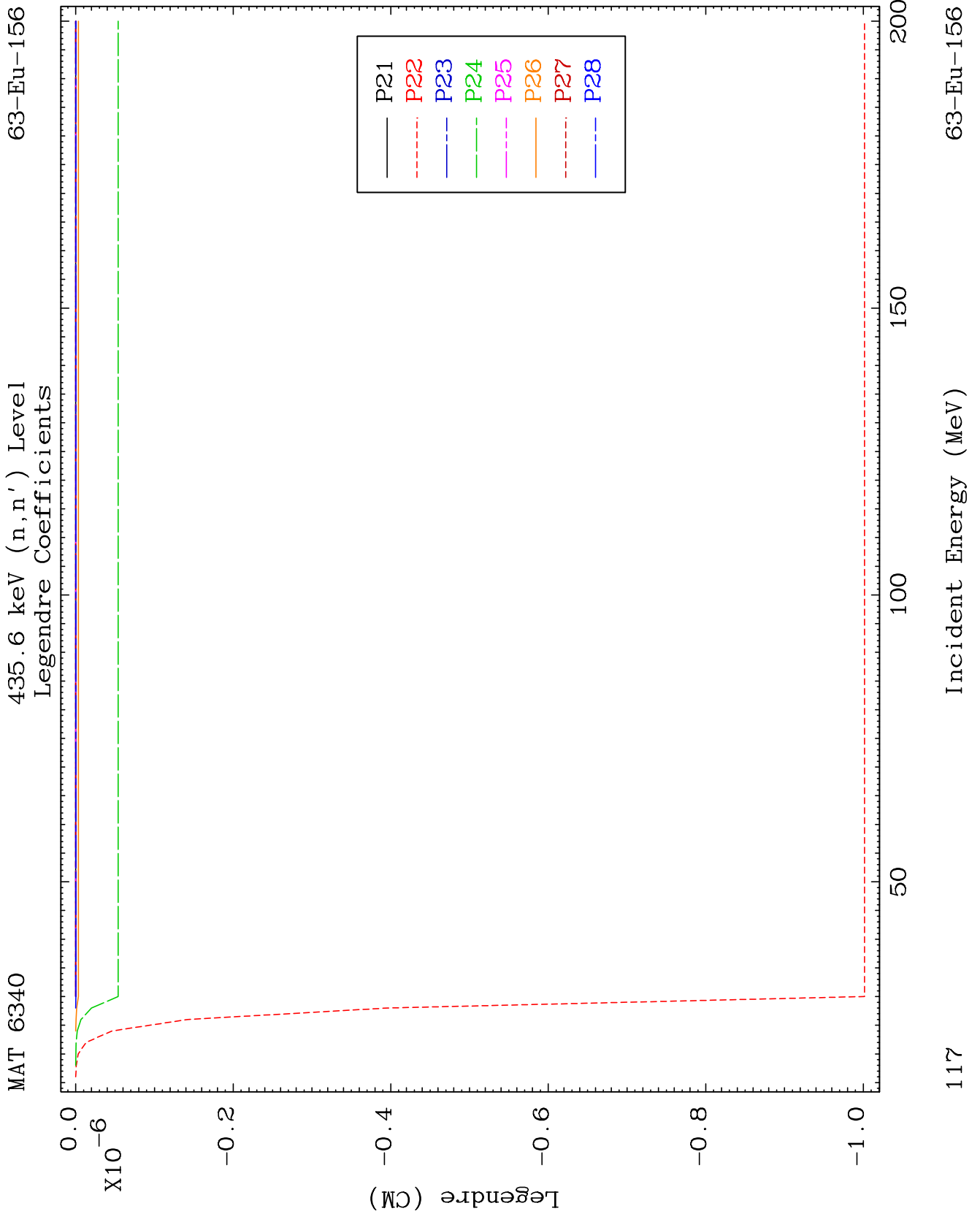
Incident Energy (MeV)

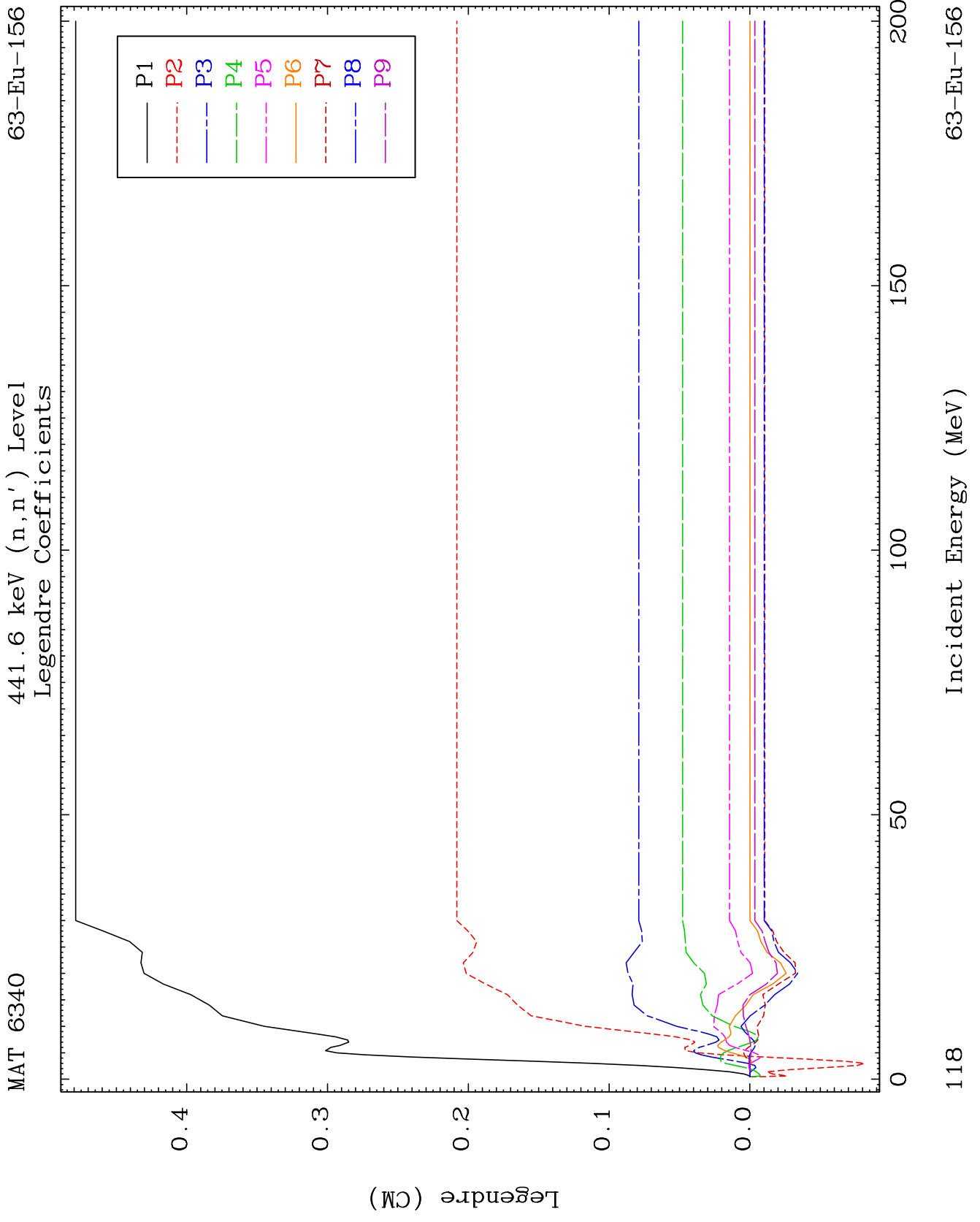
63-Eu-156

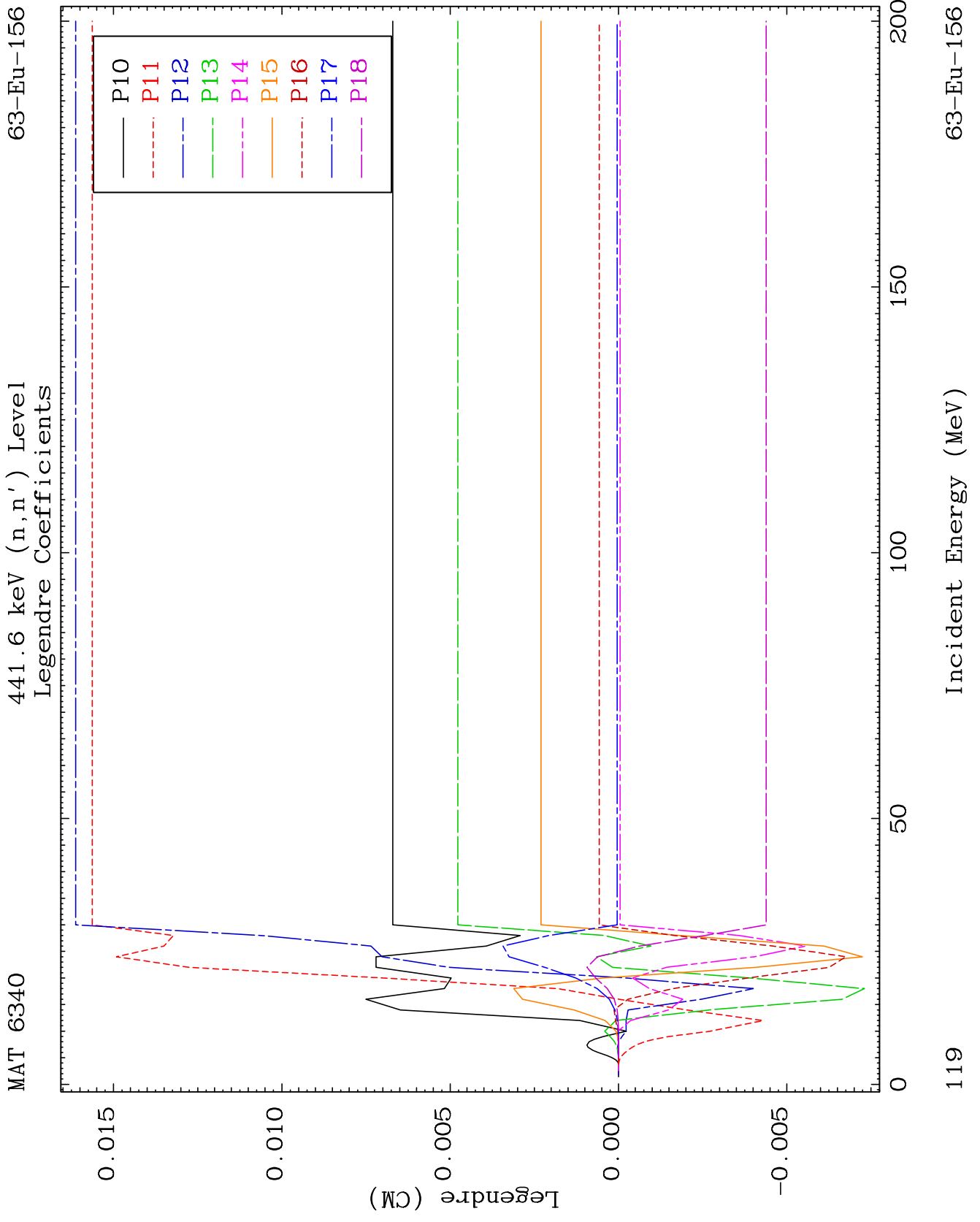


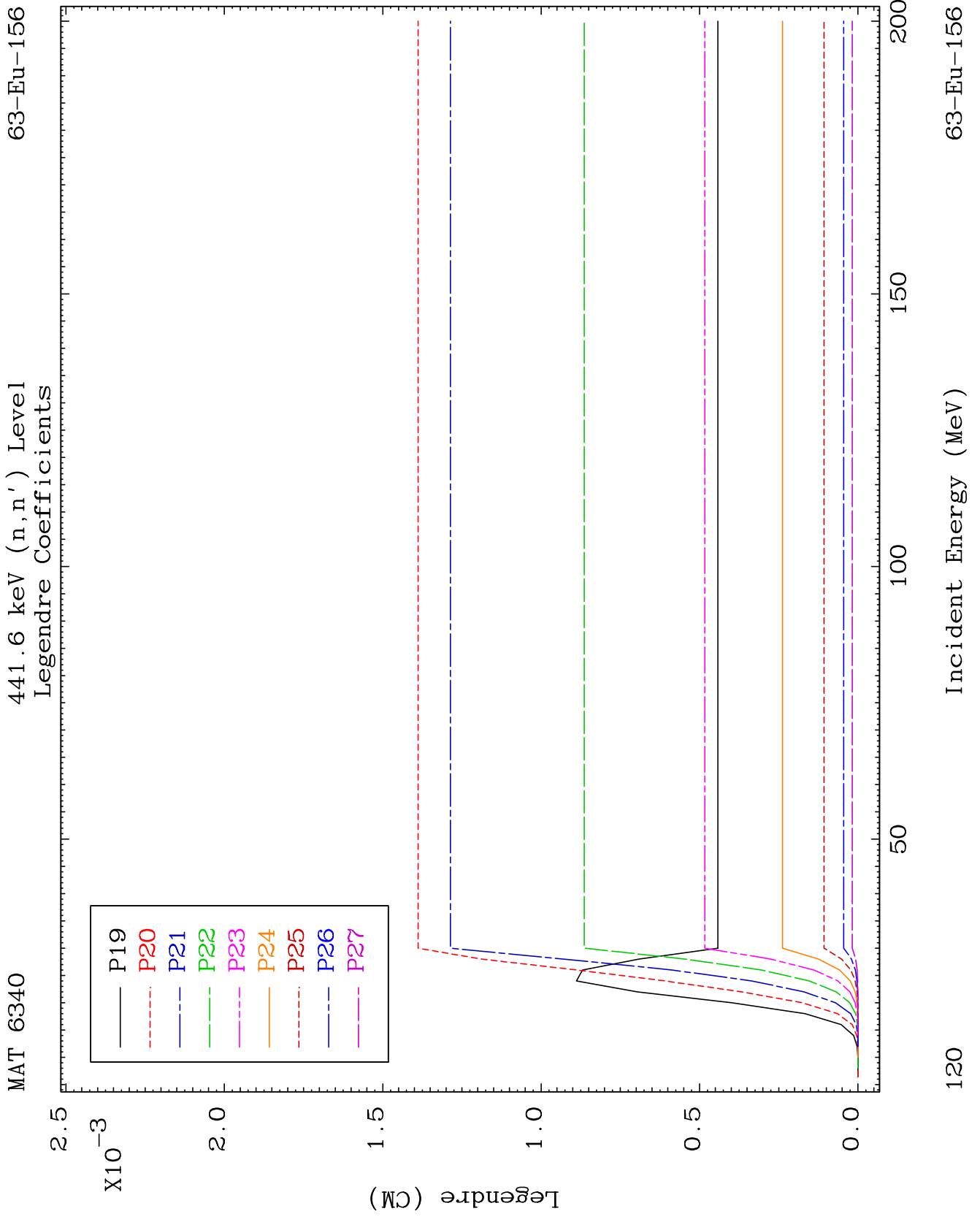








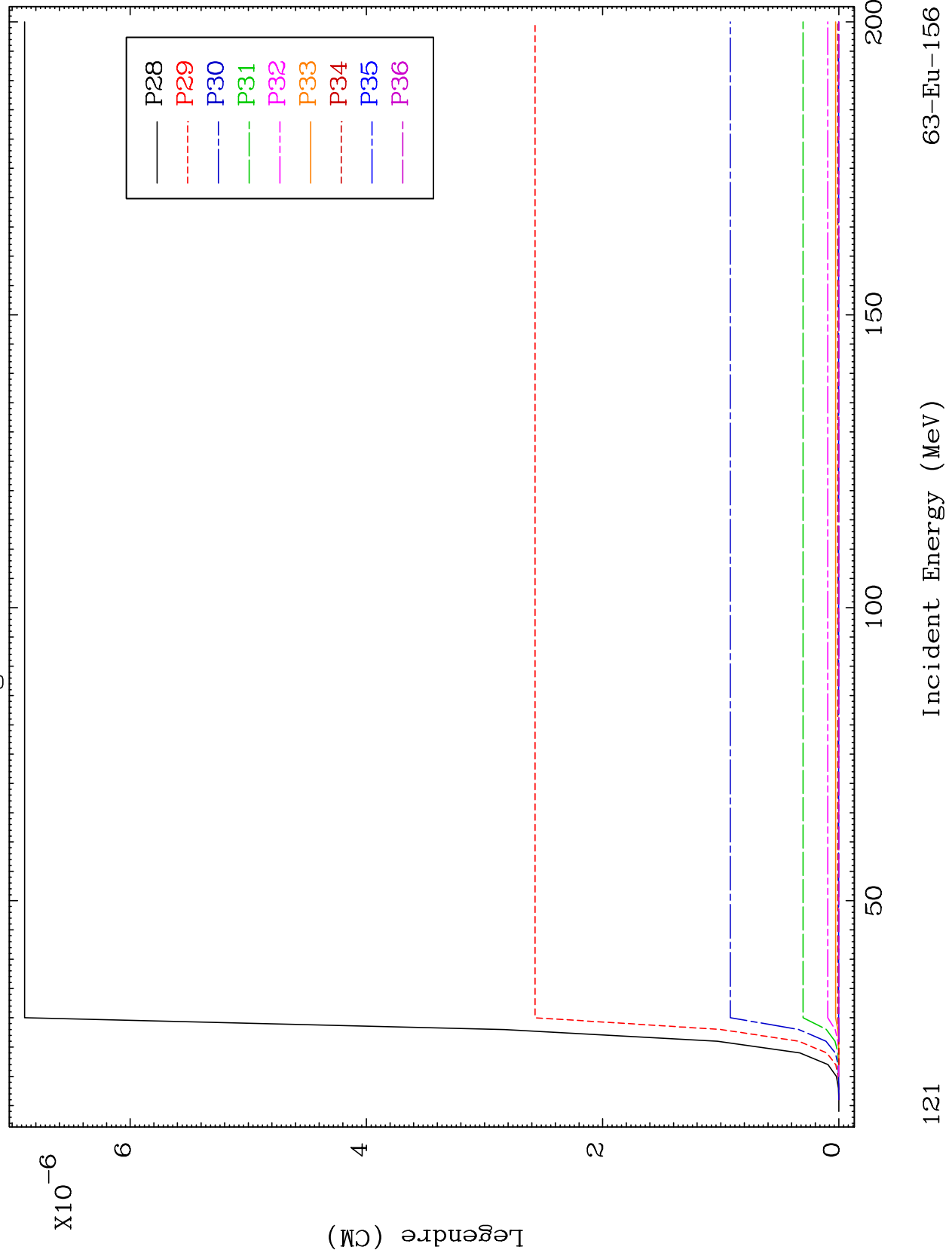




MAT 6340

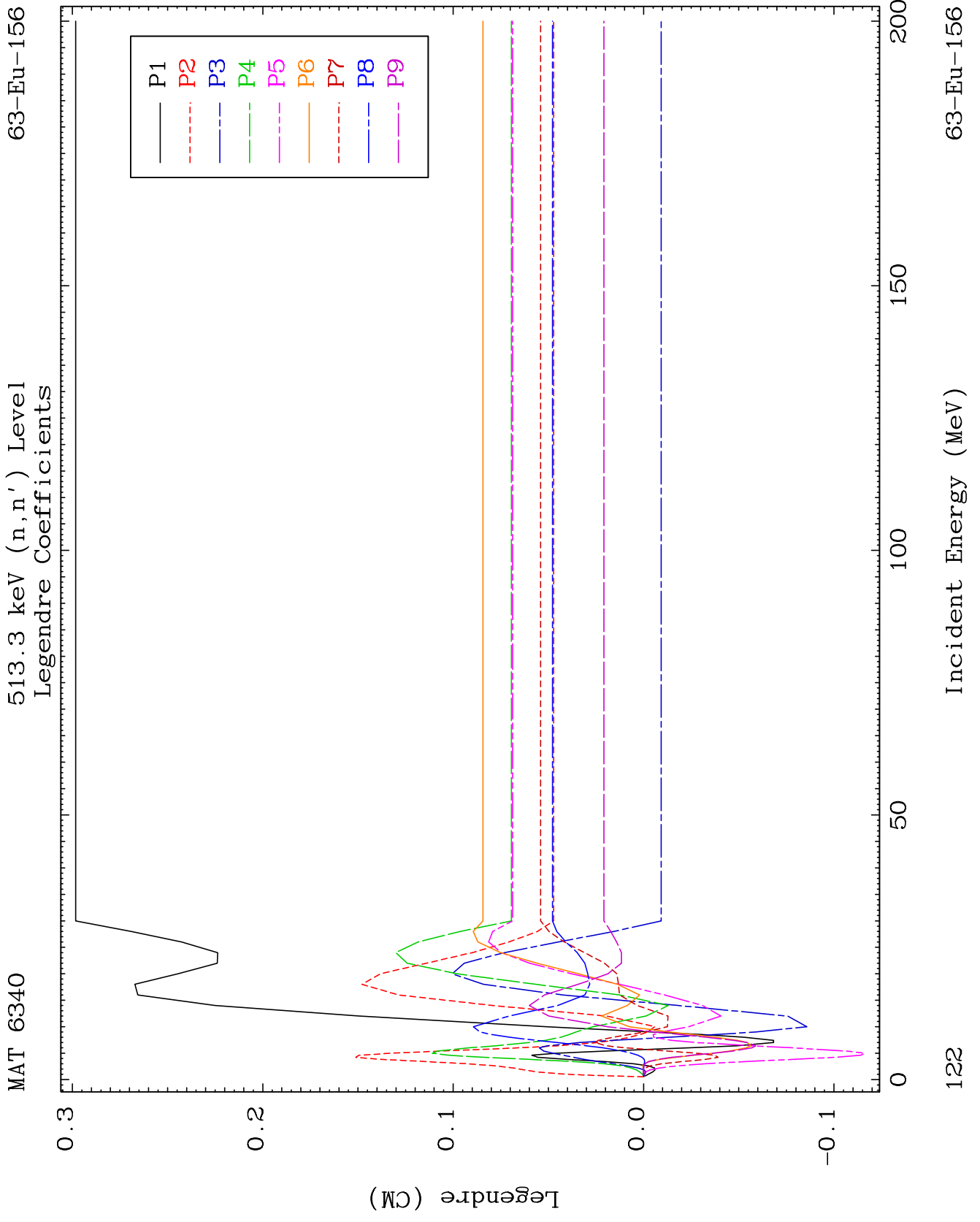
441.6 keV (n,n') Level
Legendre Coefficients

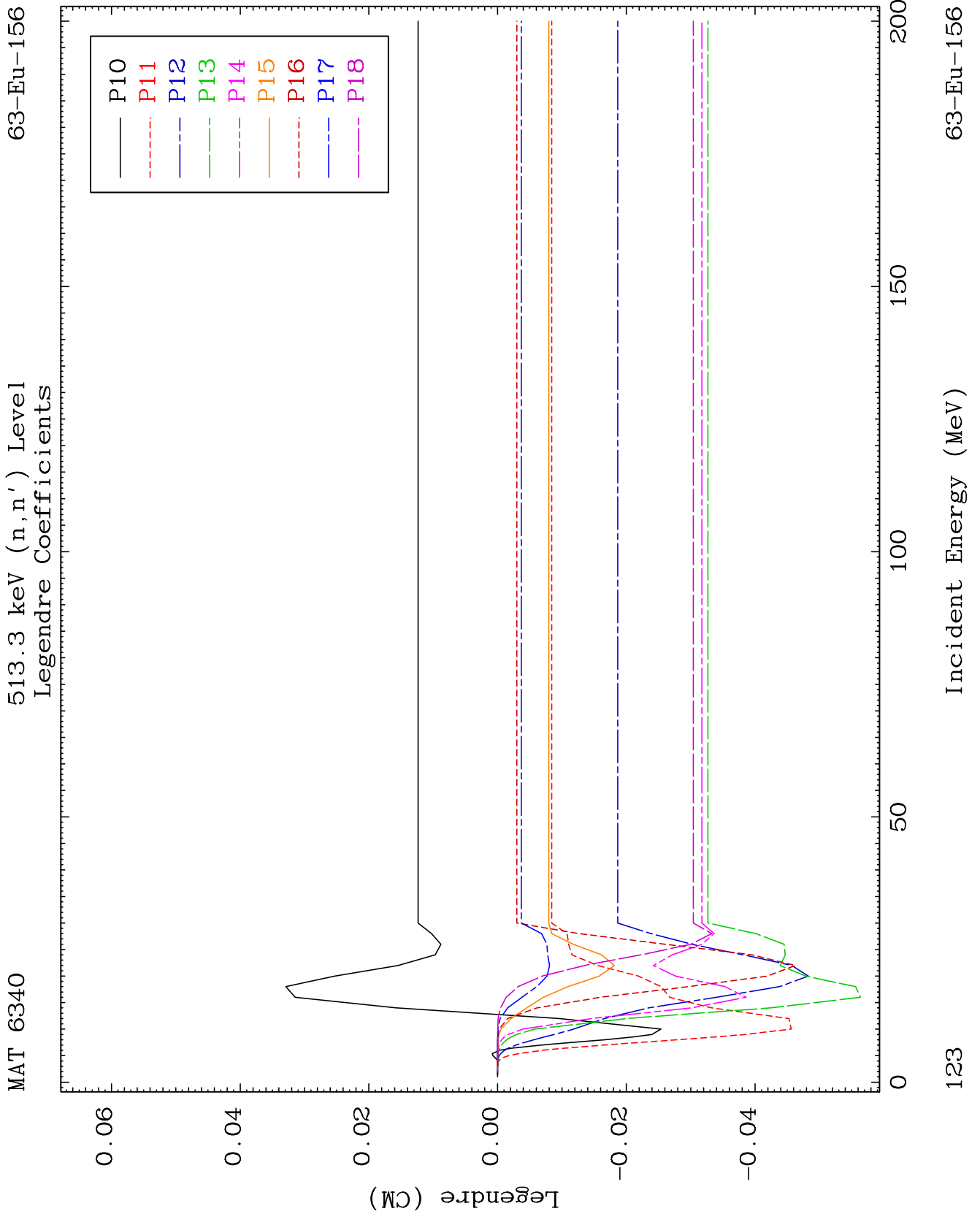
63-Eu-156

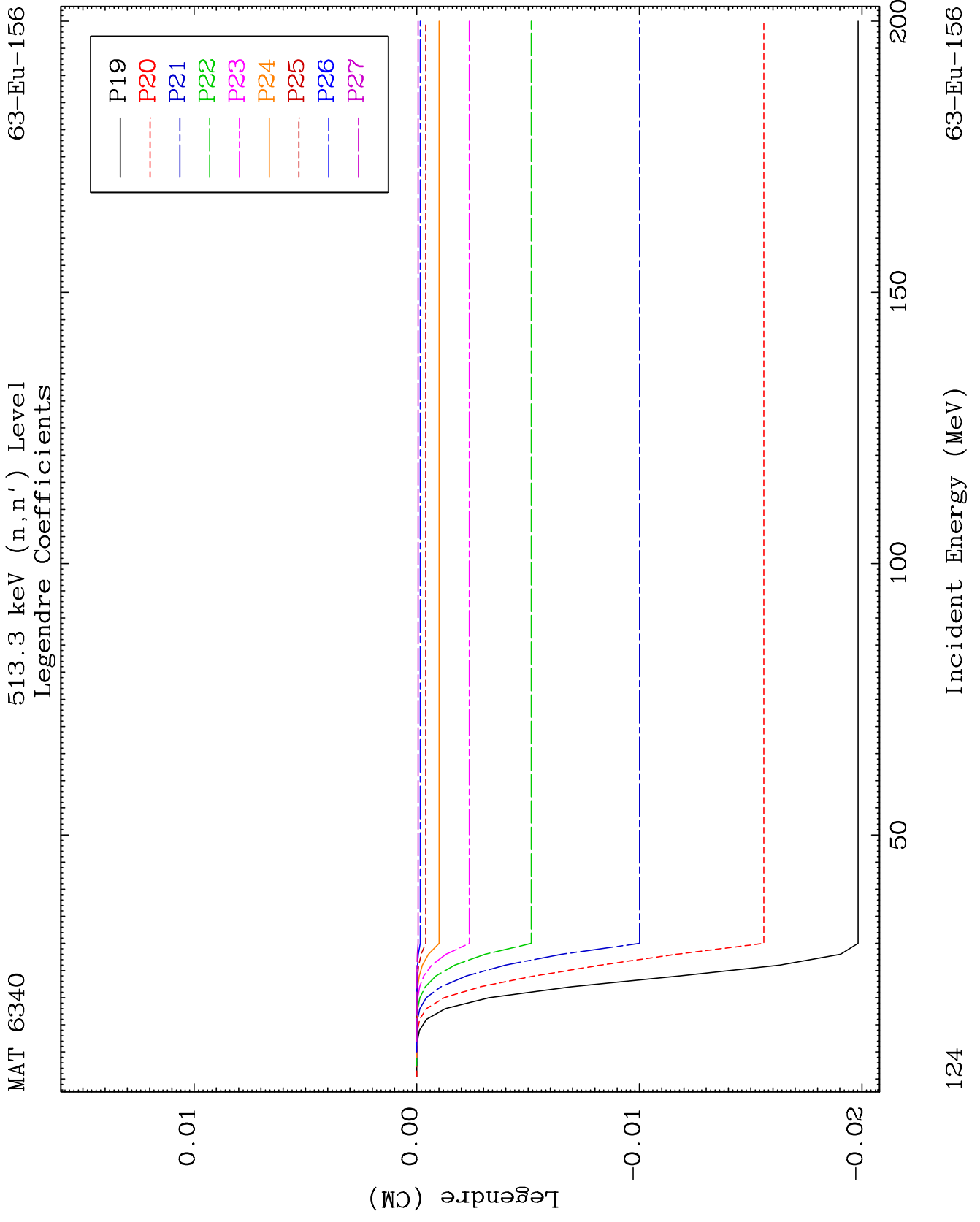


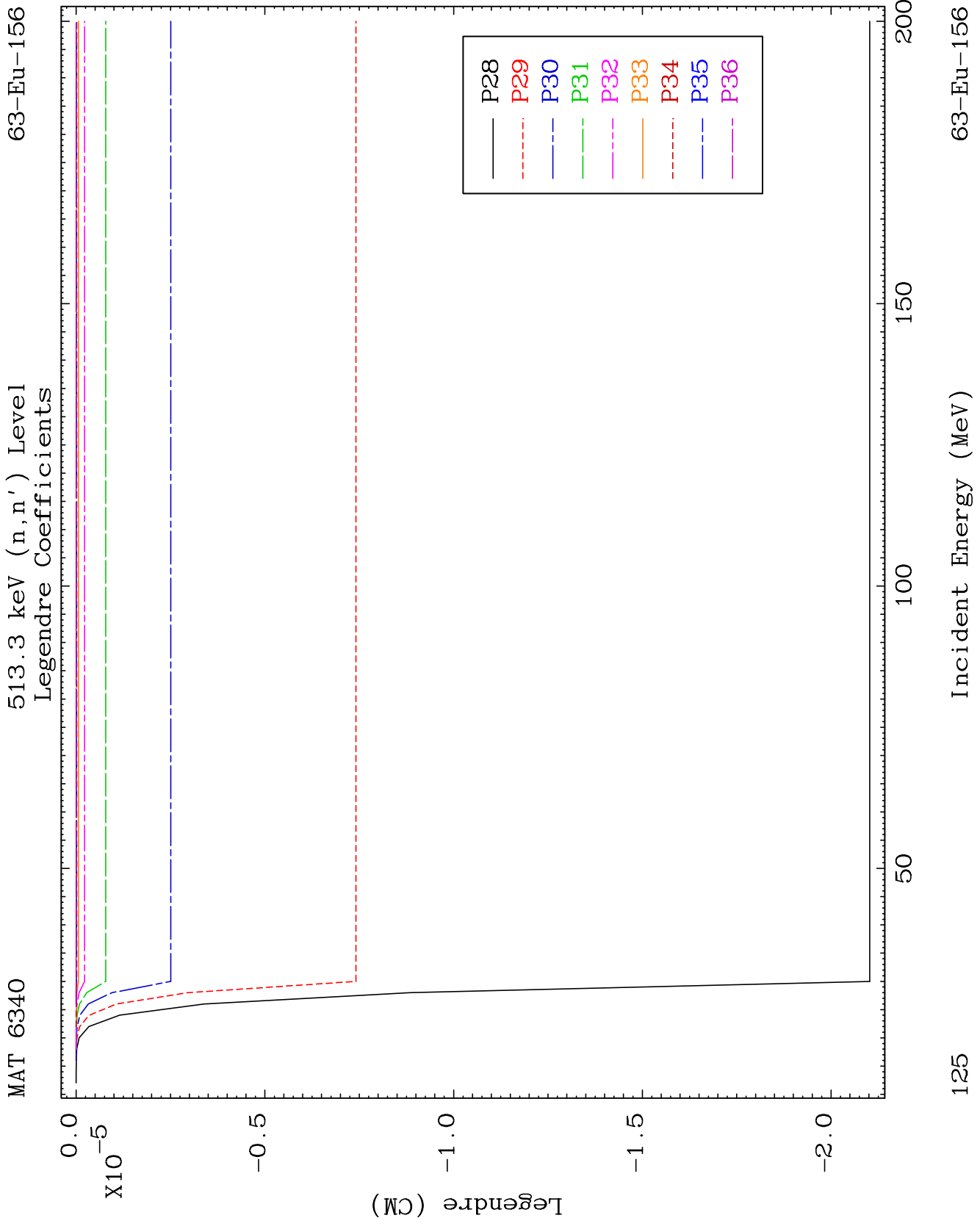
121

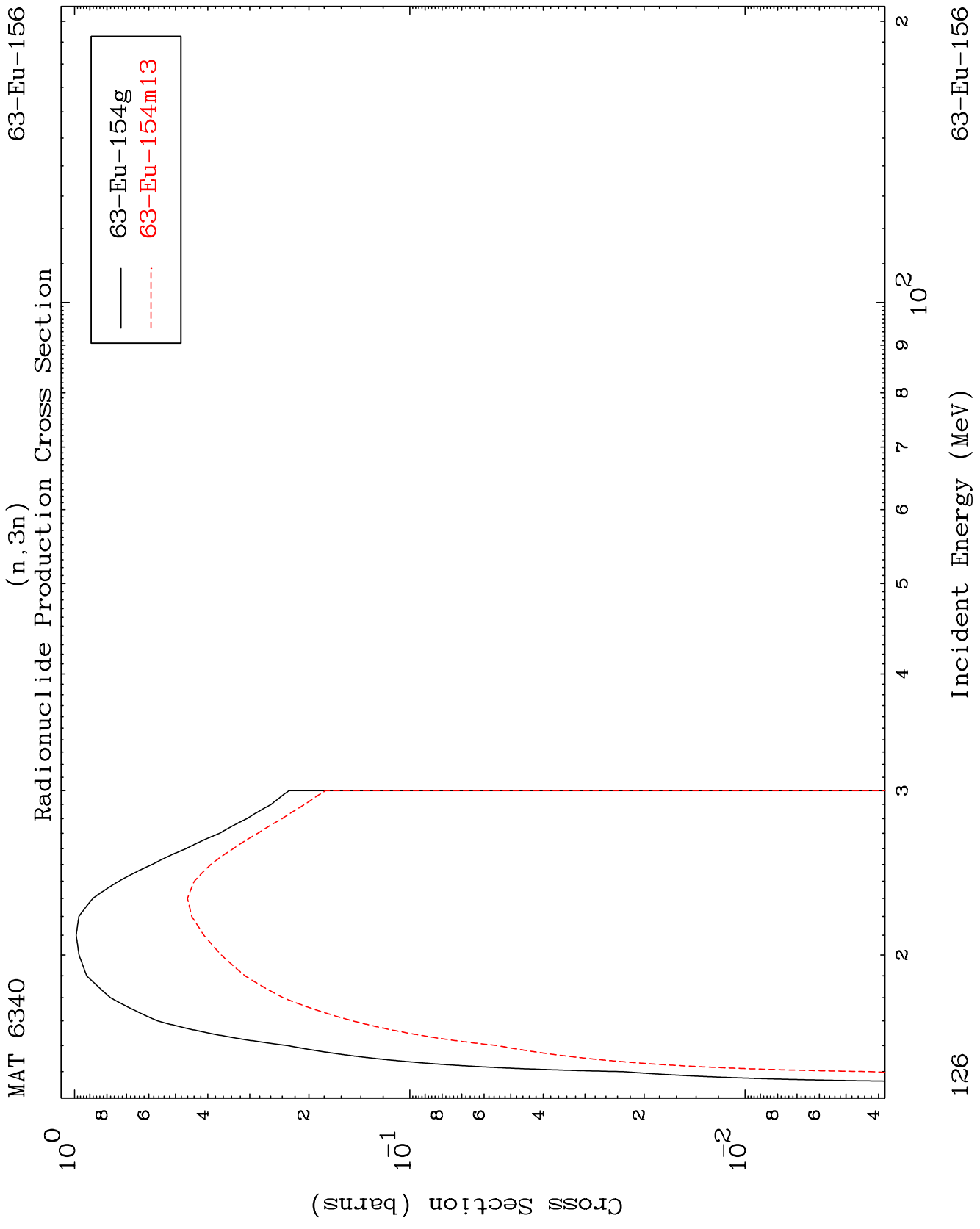
63-Eu-156









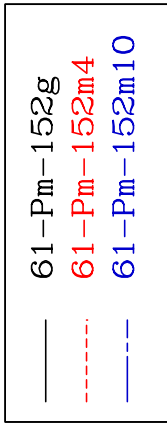
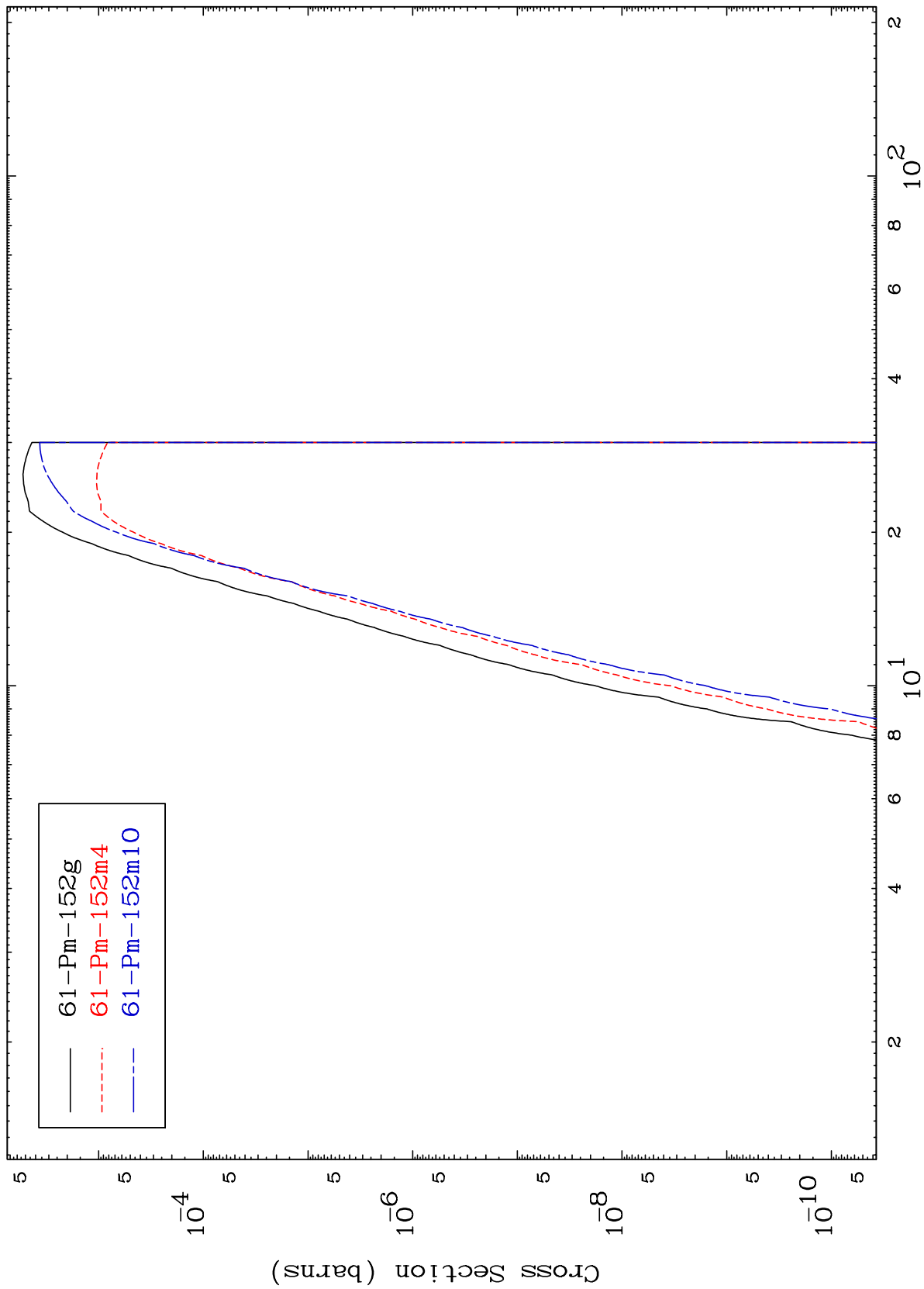


MAT 6340

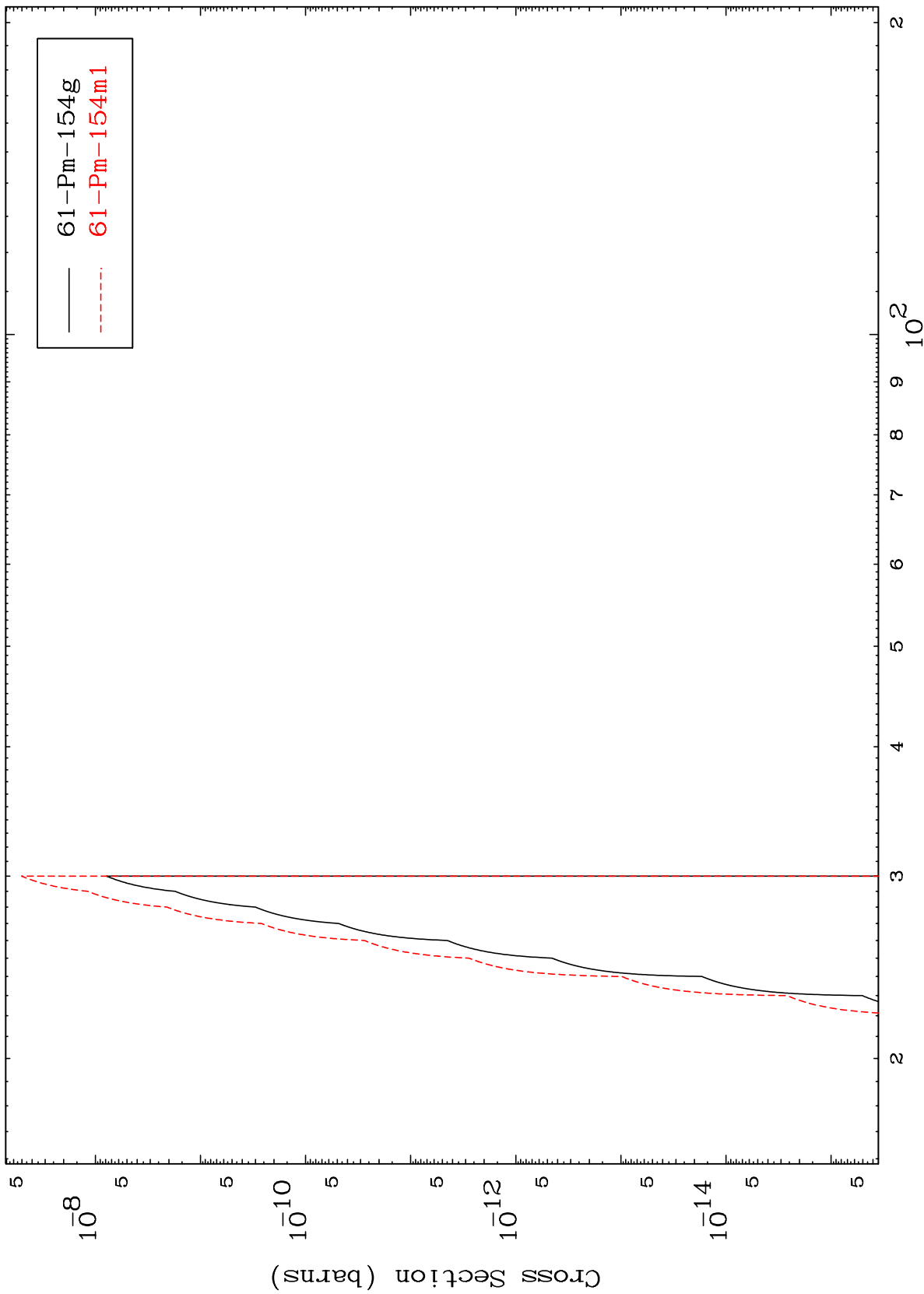
(n,n') α

63-Eu-156

Radionuclide Production Cross Section



(n,2n) p
Radionuclide Production Cross Section



MAT 6340

(n,He-3)

63-Eu-156

Radionuclide Production Cross Section

