

Program EVALPLOT
(Version 2021-1)

by

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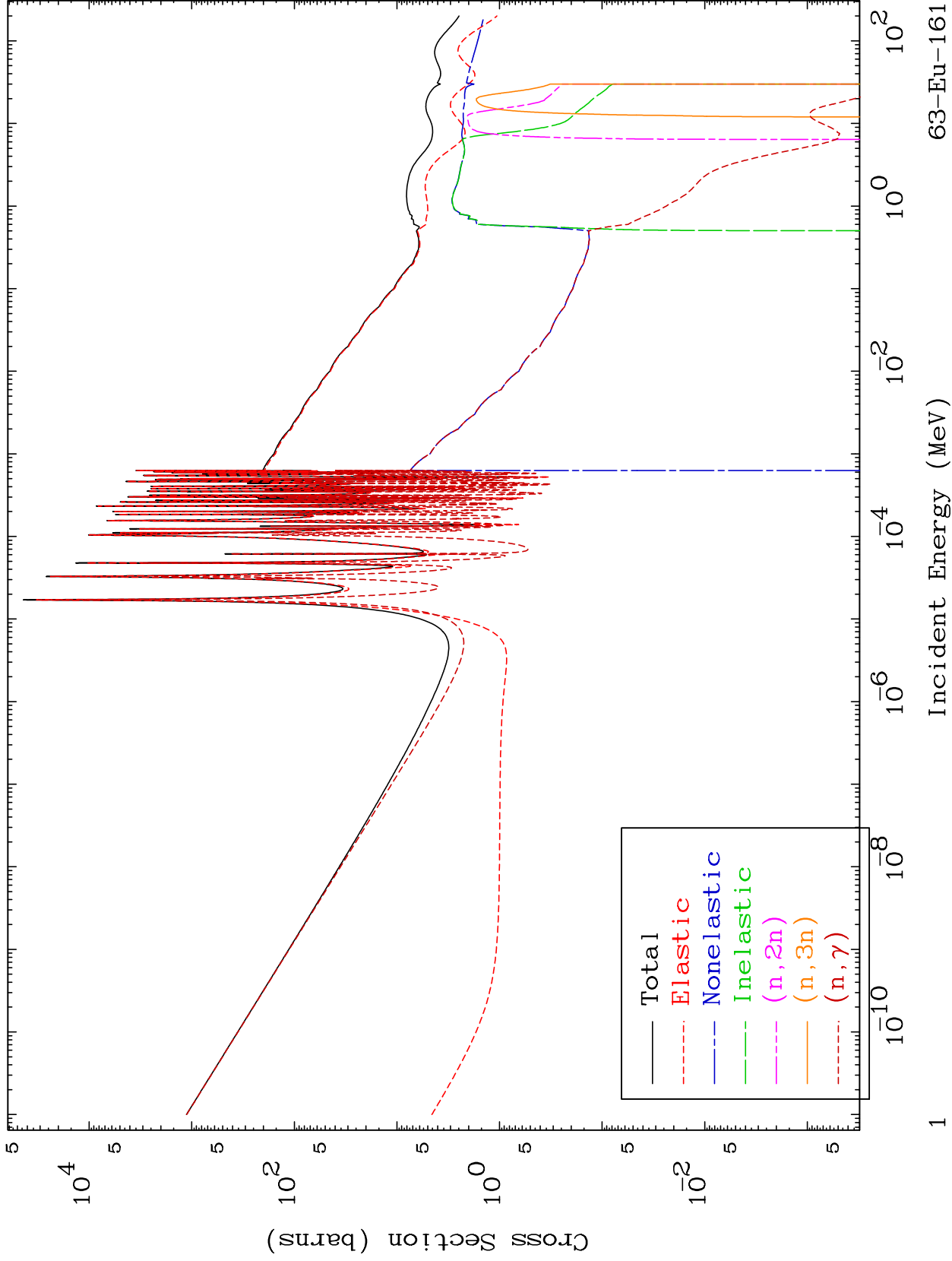
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Press Mouse Button to Start

MAT 6355

Neutron Major
293 Kelvin Cross Sections

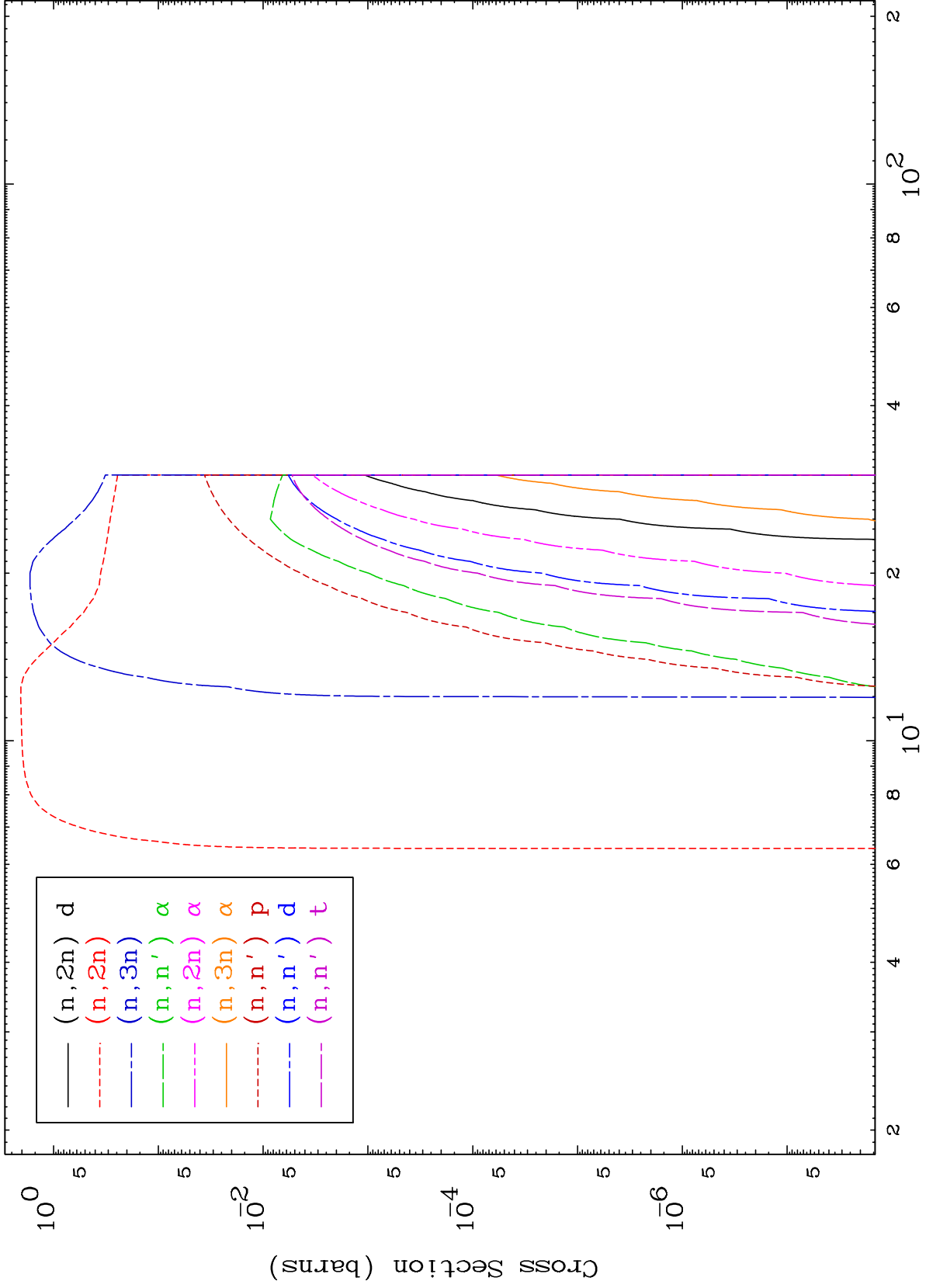
63-Eu-161



MAT 6355

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-161



2

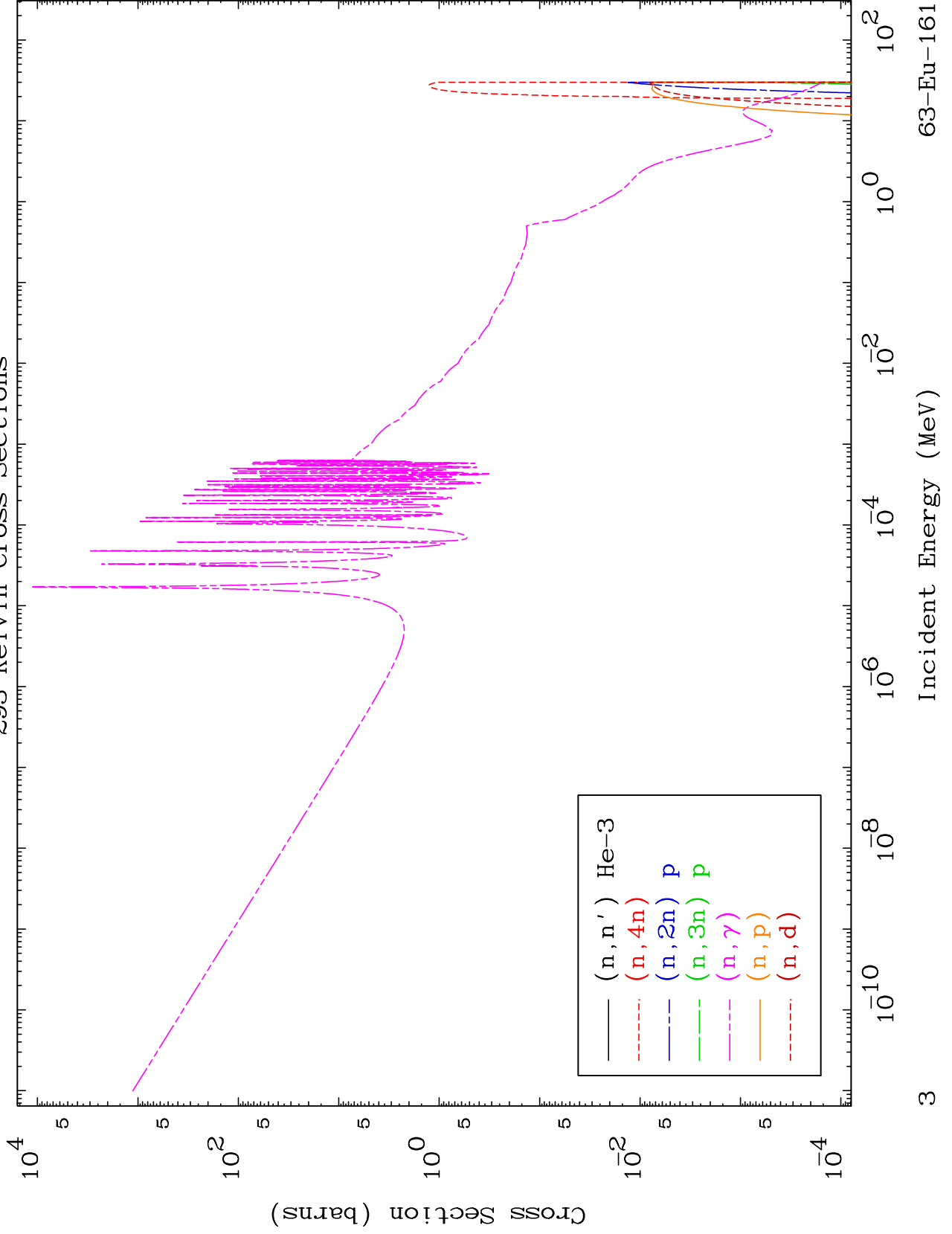
Incident Energy (MeV)

63-Eu-161

MAT 6355

Neutron Absorption
293 Kelvin Cross Sections

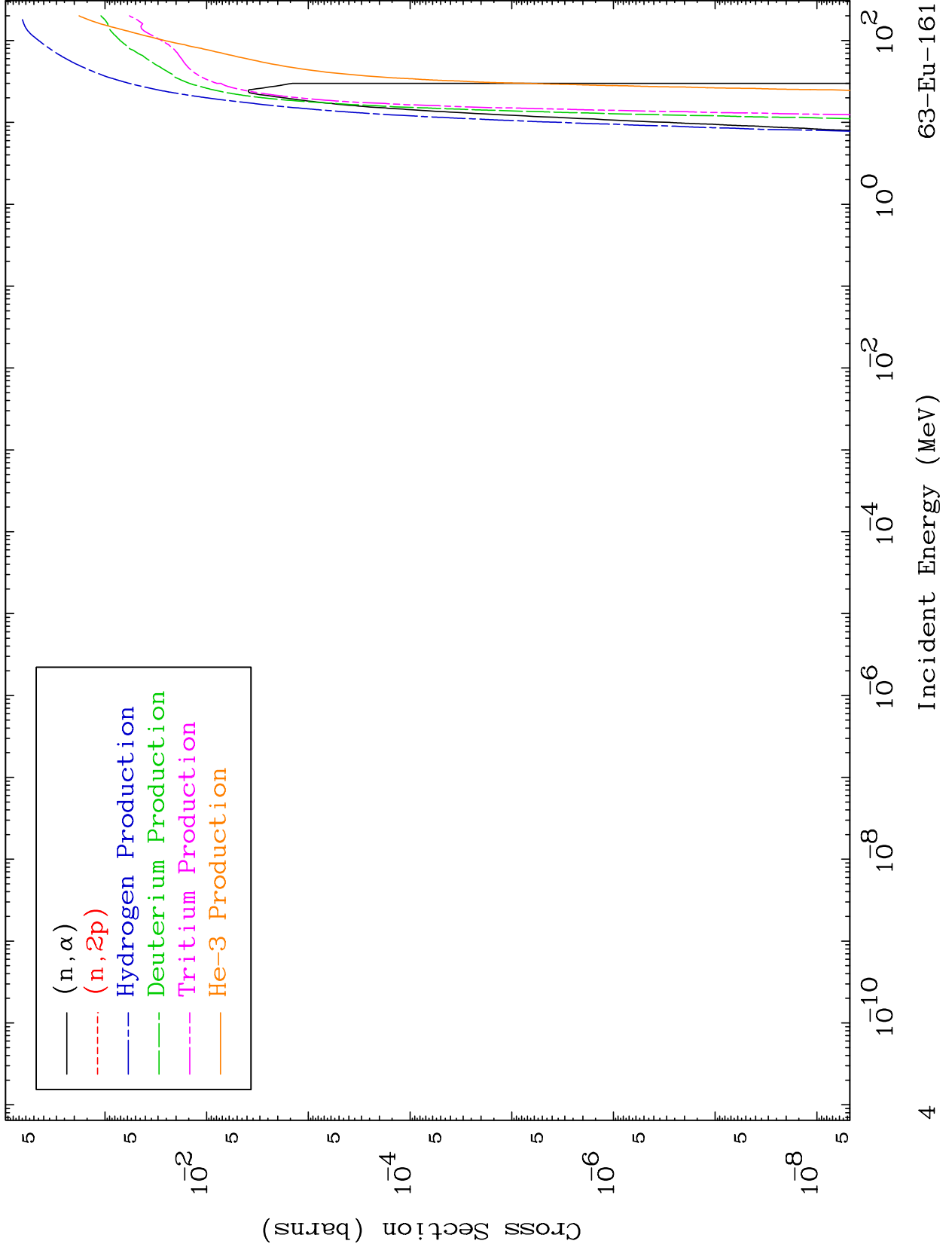
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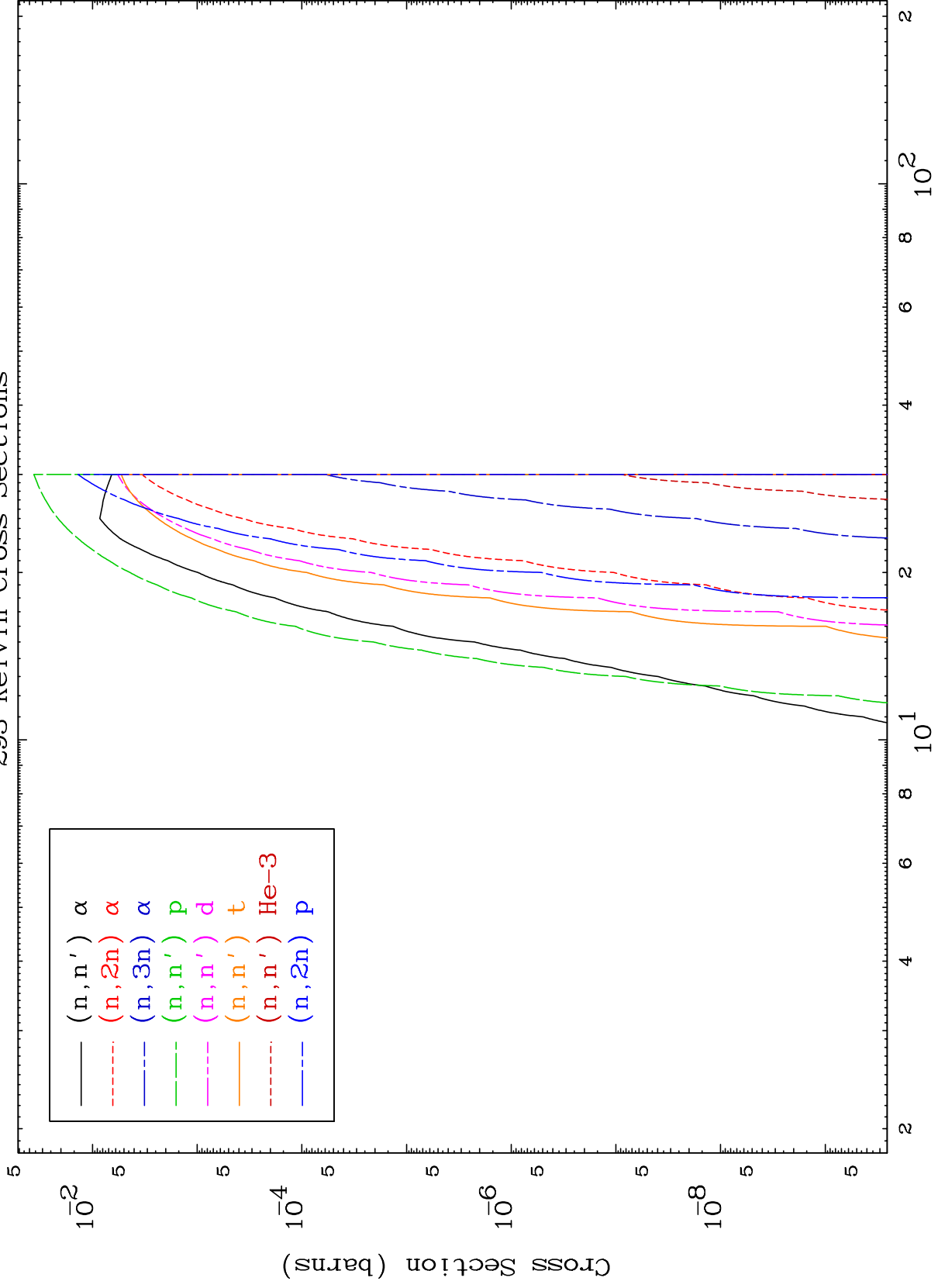


MAT 6355

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-161

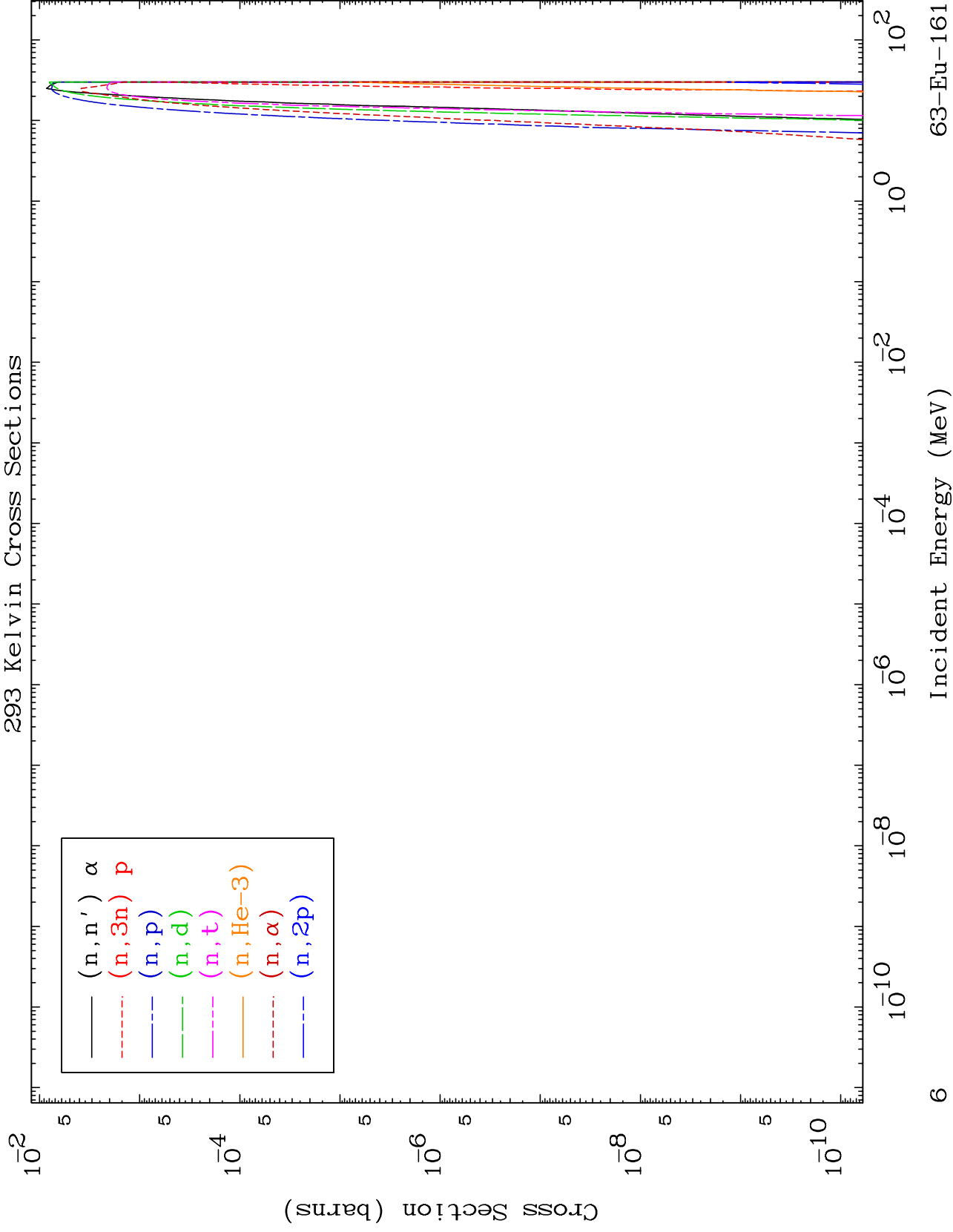




MAT 6355

Charged Particle
293 Kelvin Cross Sections

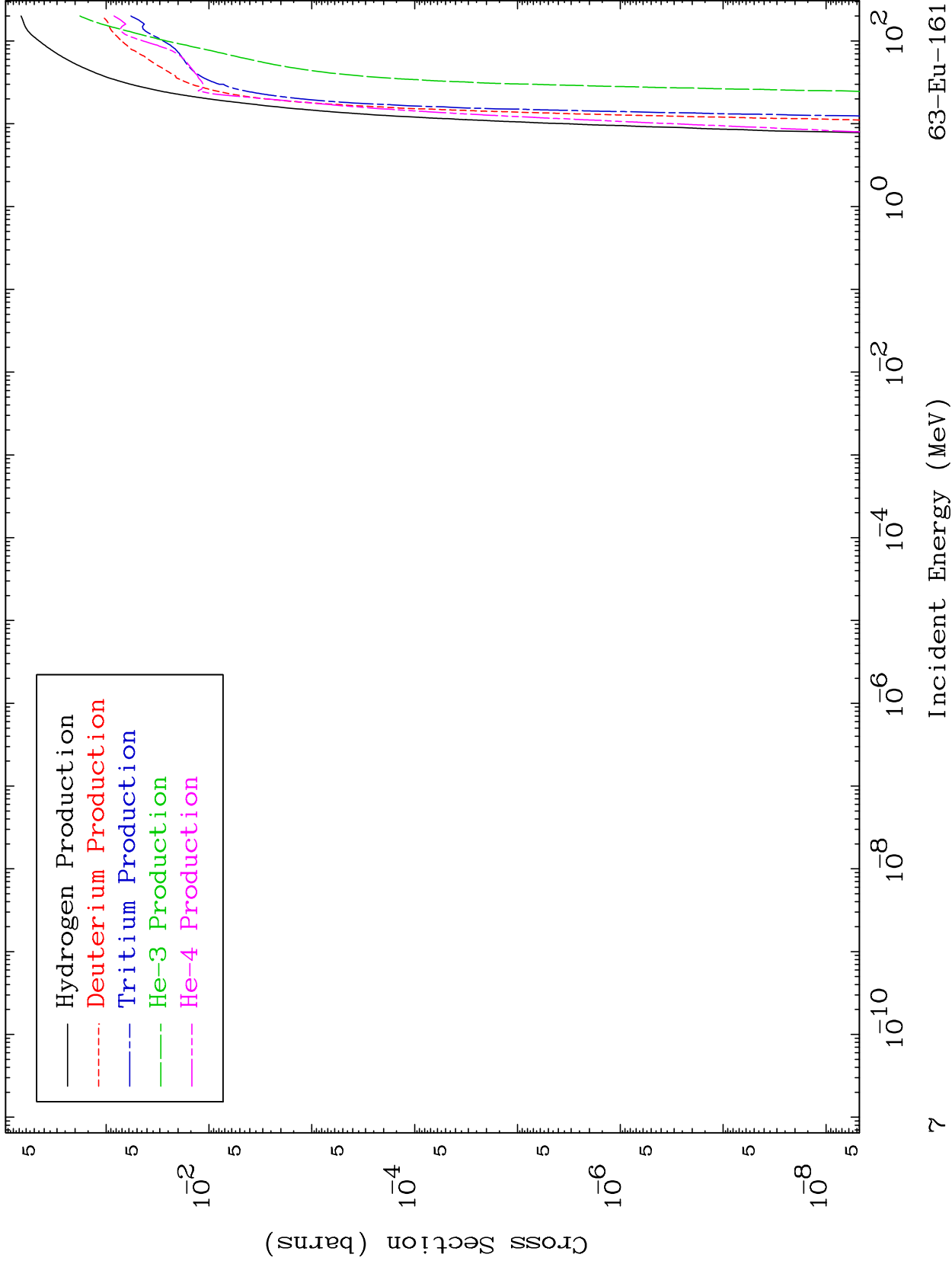
63-Eu-161



MAT 6355

Particle Production
293 Kelvin Cross Sections

63-Eu-161

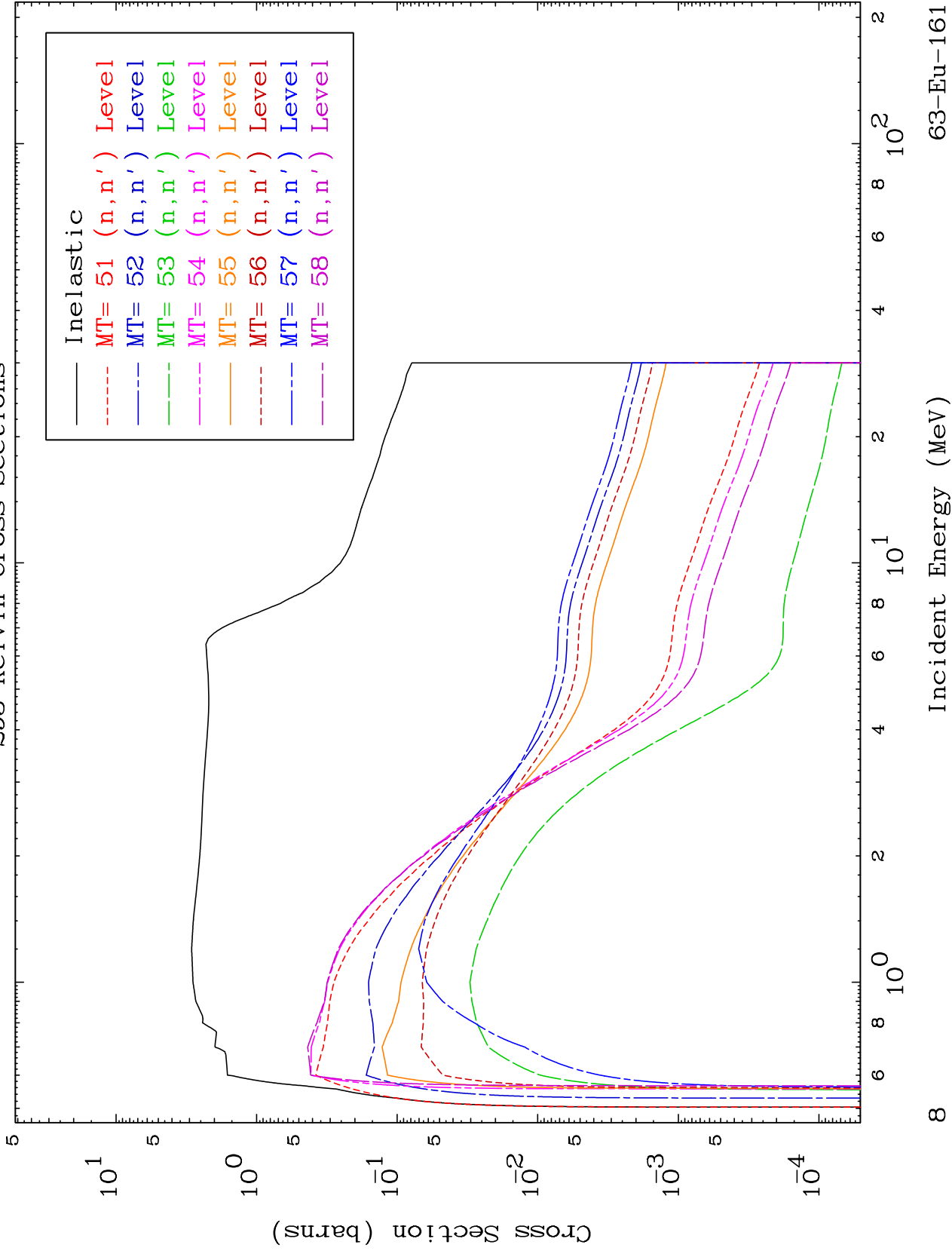


MAT 6355

(n,n') Levels

63-Eu-161

293 Kelvin Cross Sections



8

Incident Energy (MeV)

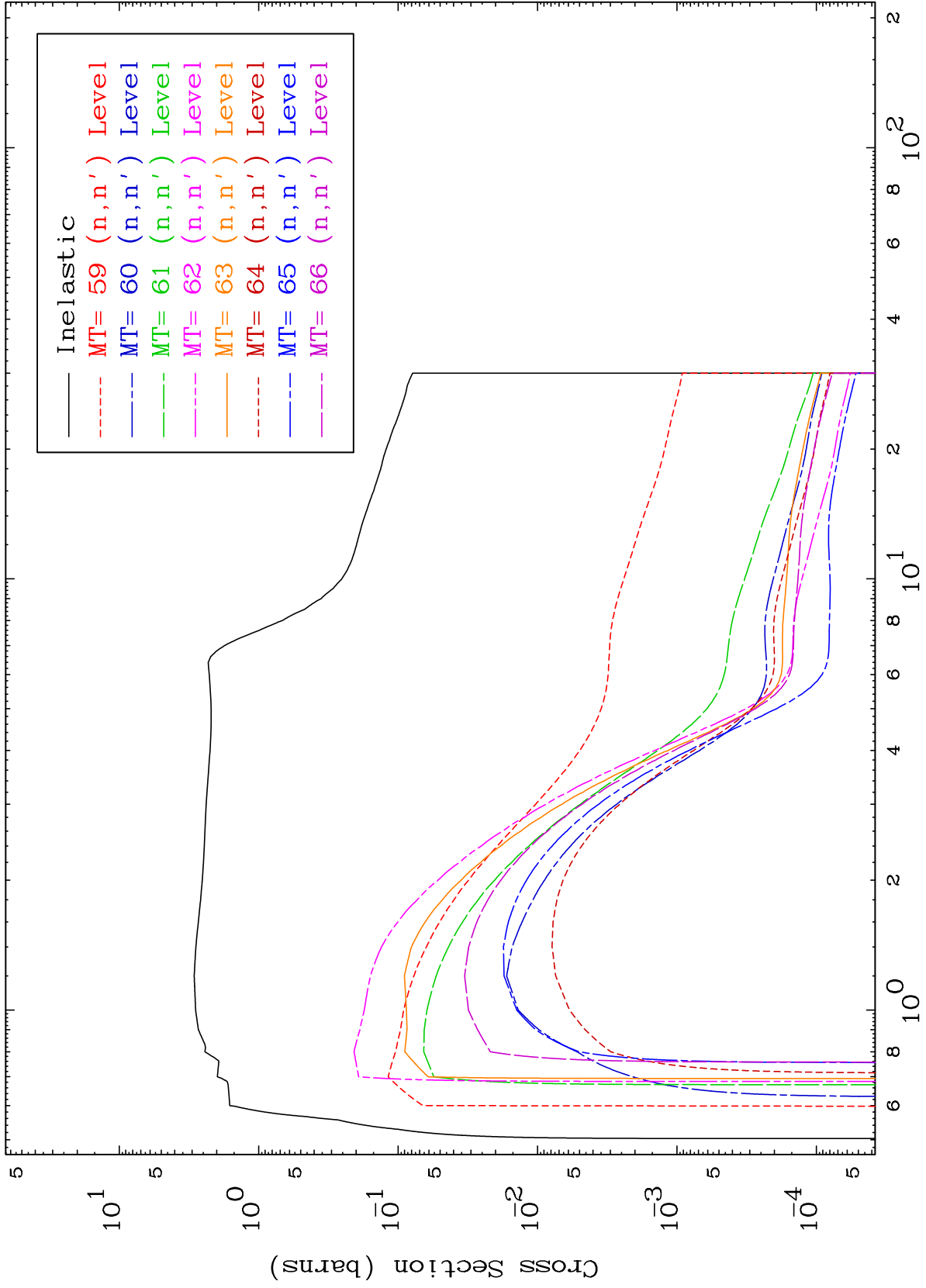
63-Eu-161

MAT 6355

(n,n') Levels

63-Eu-161

293 Kelvin Cross Sections



9

Incident Energy (MeV)

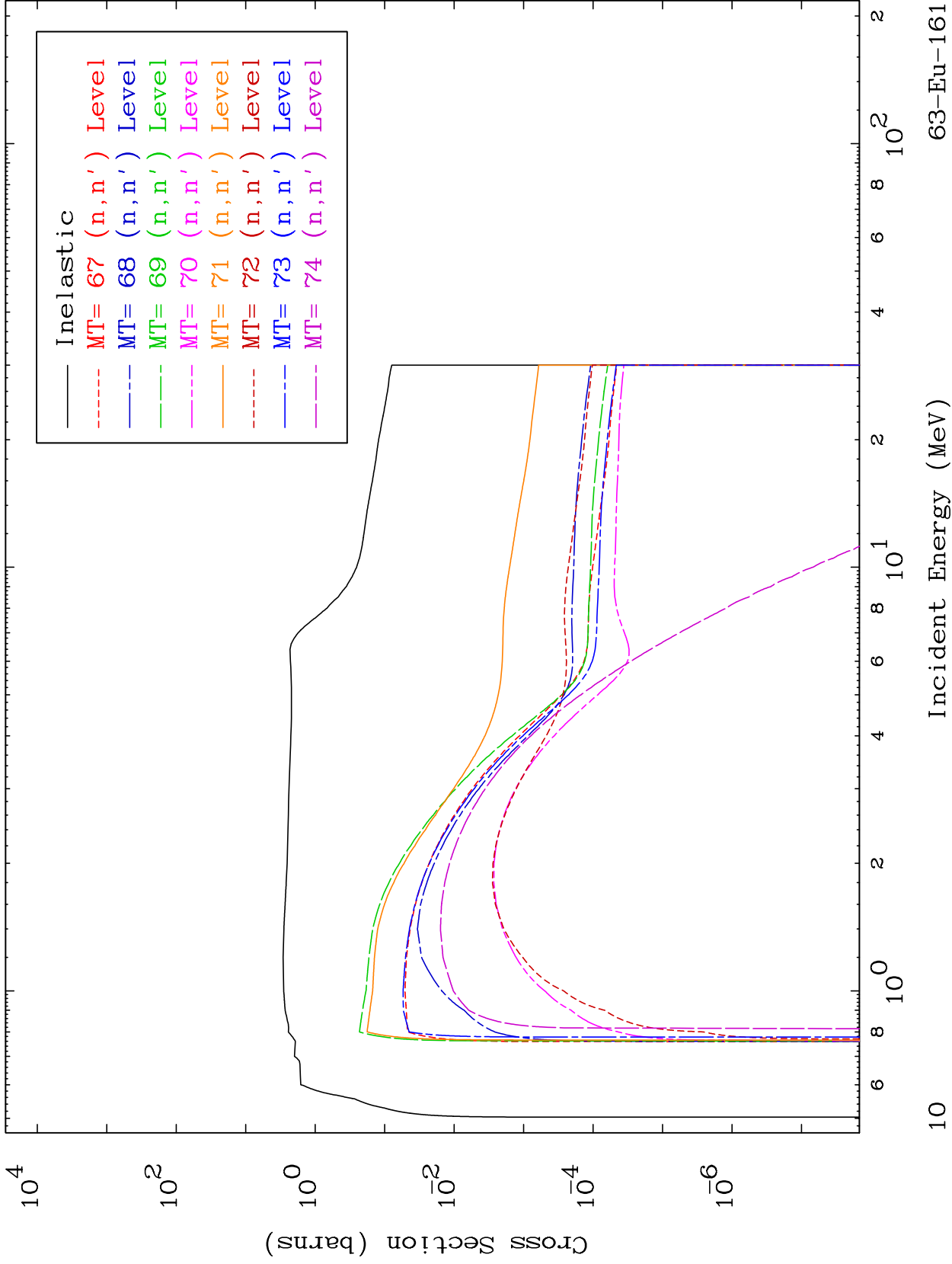
63-Eu-161

MAT 6355

(n,n') Levels

63-Eu-161

293 Kelvin Cross Sections



10

Incident Energy (MeV)

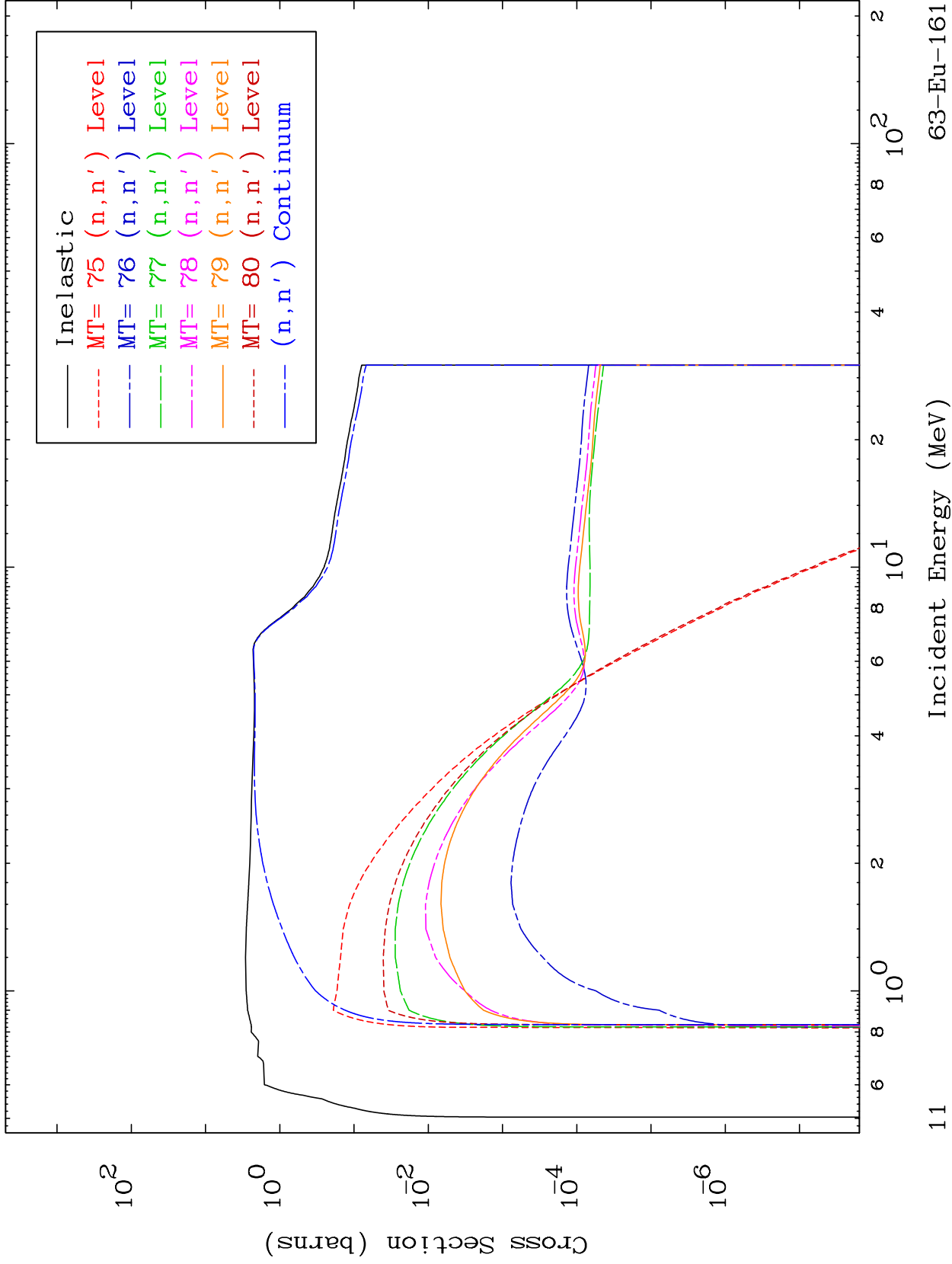
63-Eu-161

MAT 6355

(n,n') Levels

63-Eu-161

293 Kelvin Cross Sections



11

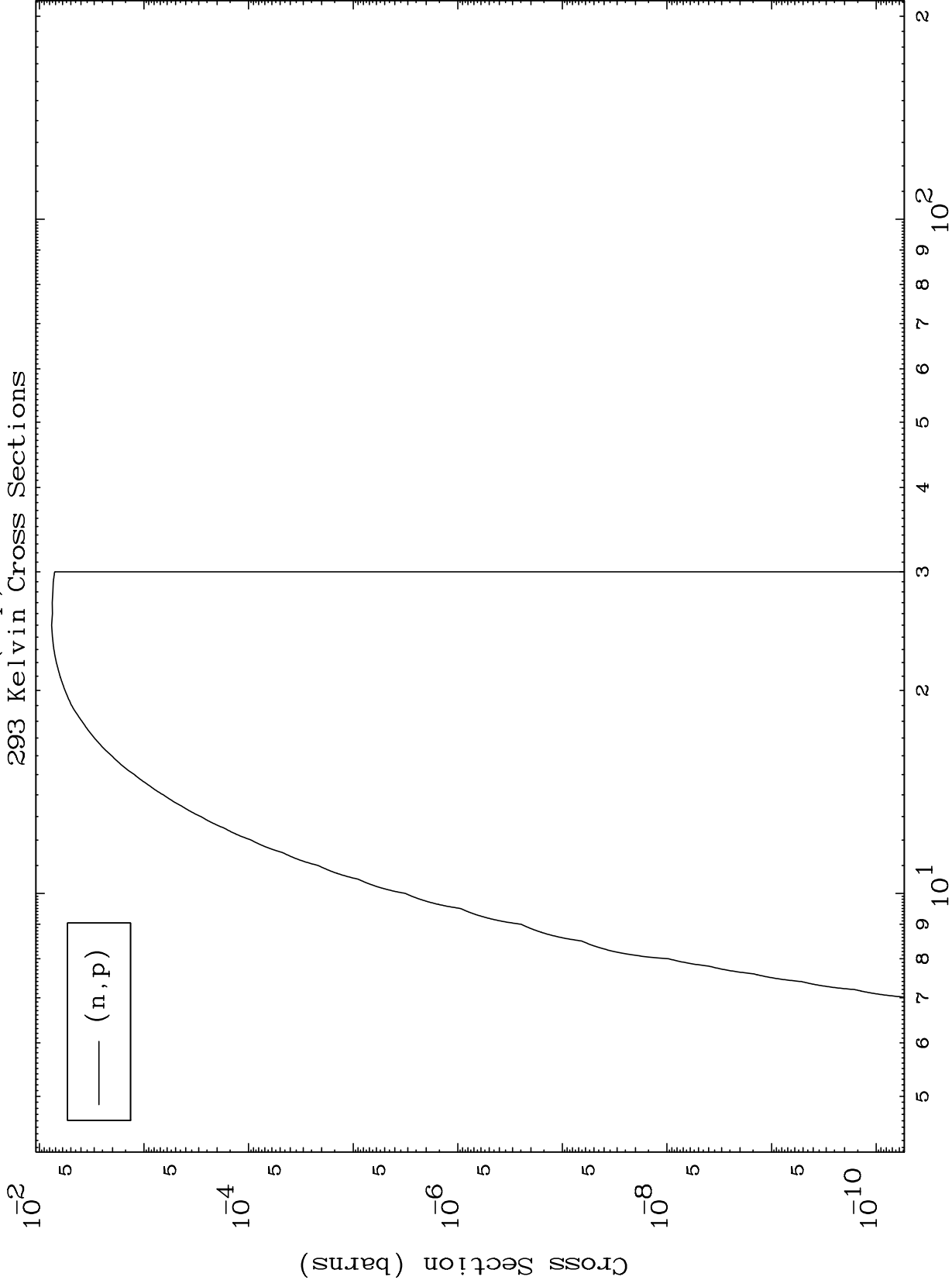
Incident Energy (MeV)

63-Eu-161

MAT 6355

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-161



12

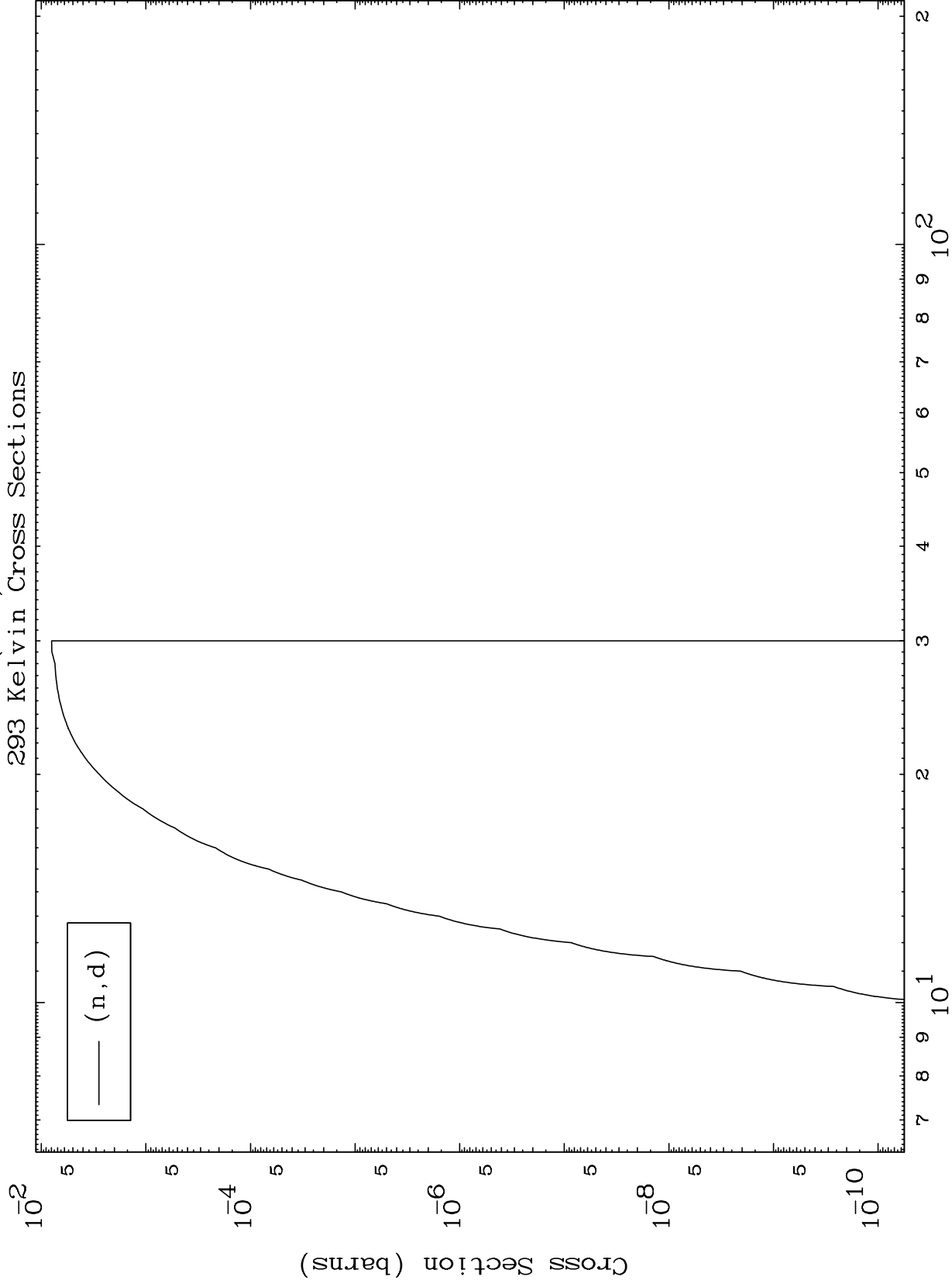
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63-Eu-161

MAT 6355

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-161



13

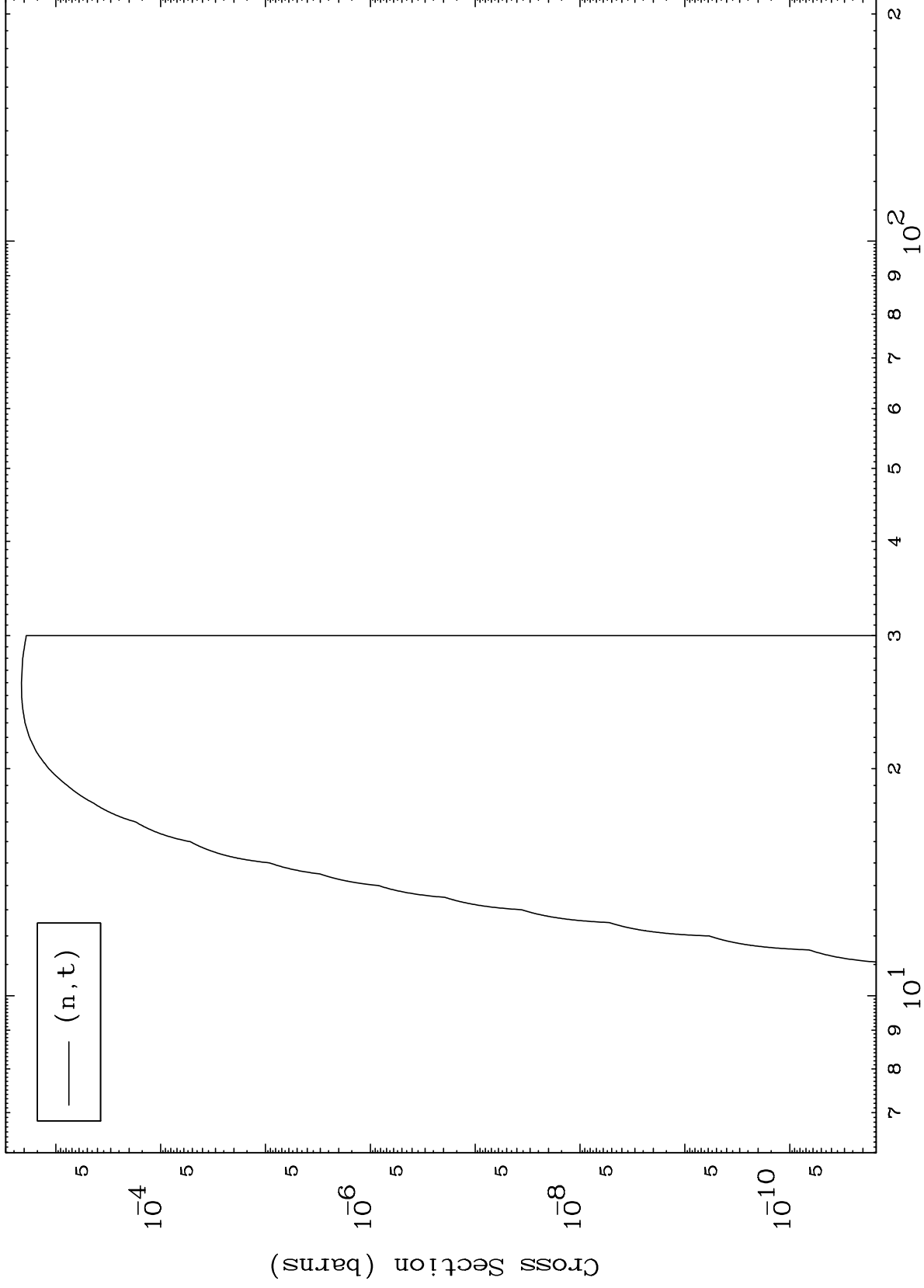
Incident Energy (MeV)

63-Eu-161

MAT 6355

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-161



14

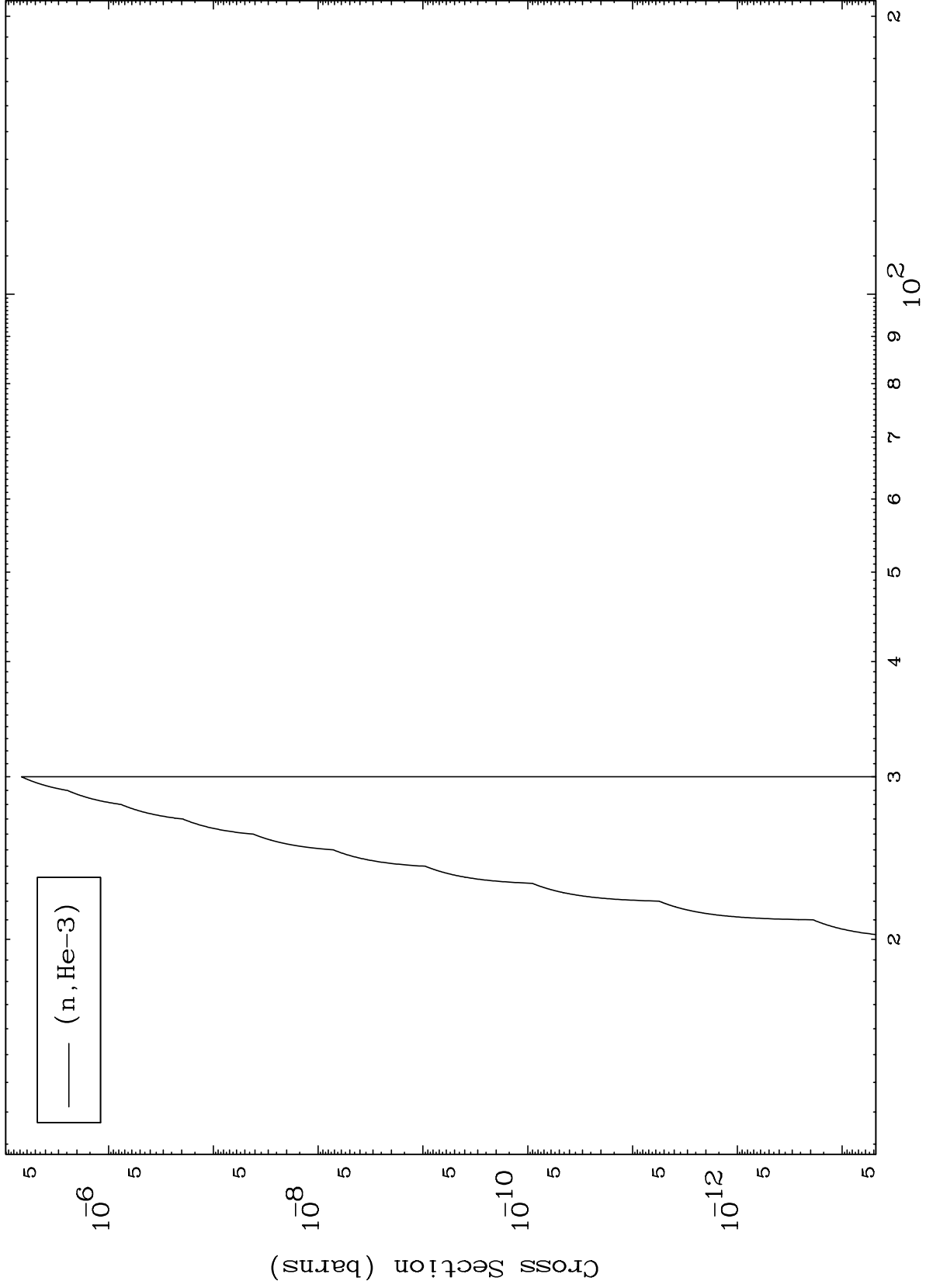
Incident Energy (MeV)

63-Eu-161

MAT 6355

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-161



15

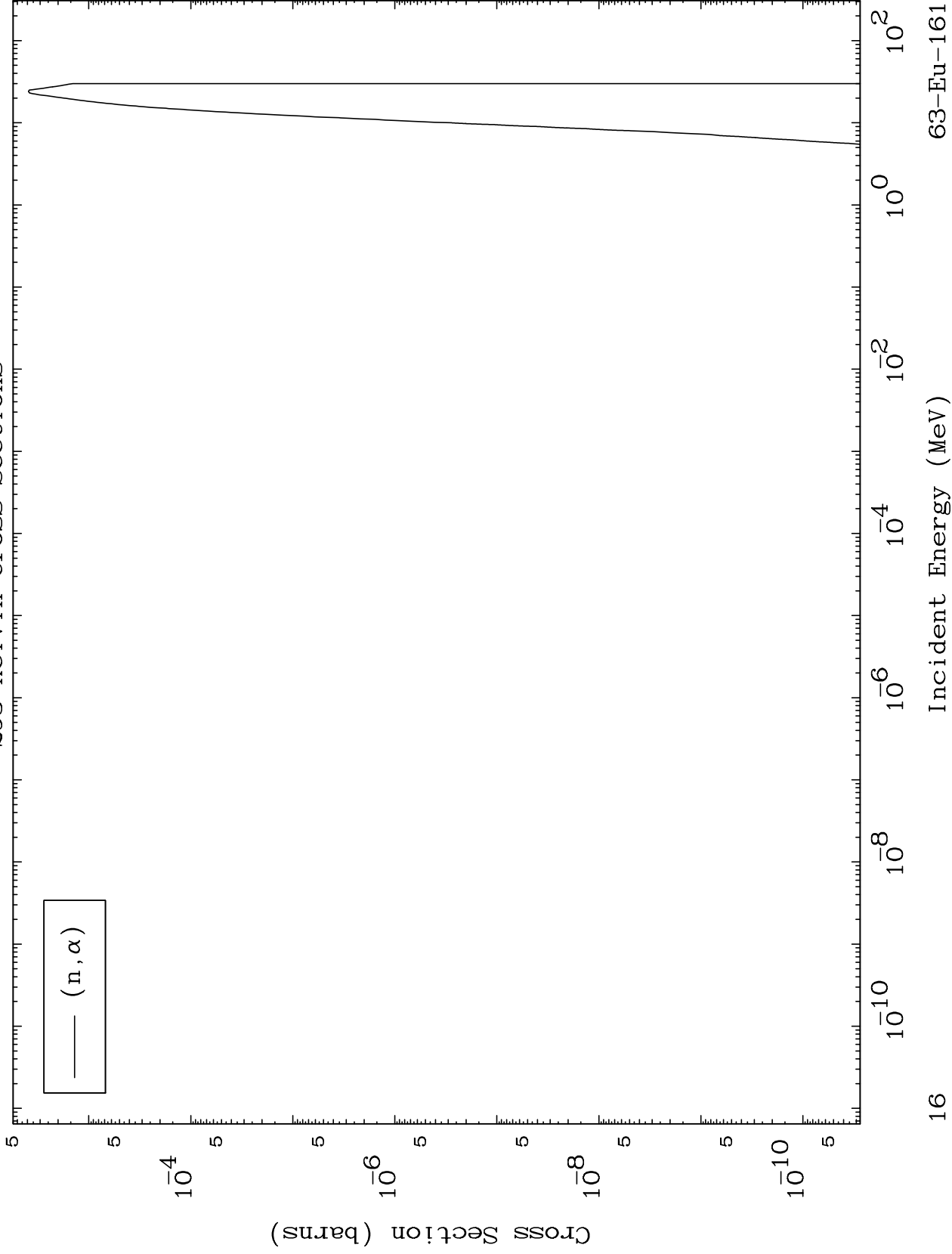
Incident Energy (MeV)

63-Eu-161

MAT 6355

(n, α) Levels
293 Kelvin Cross Sections

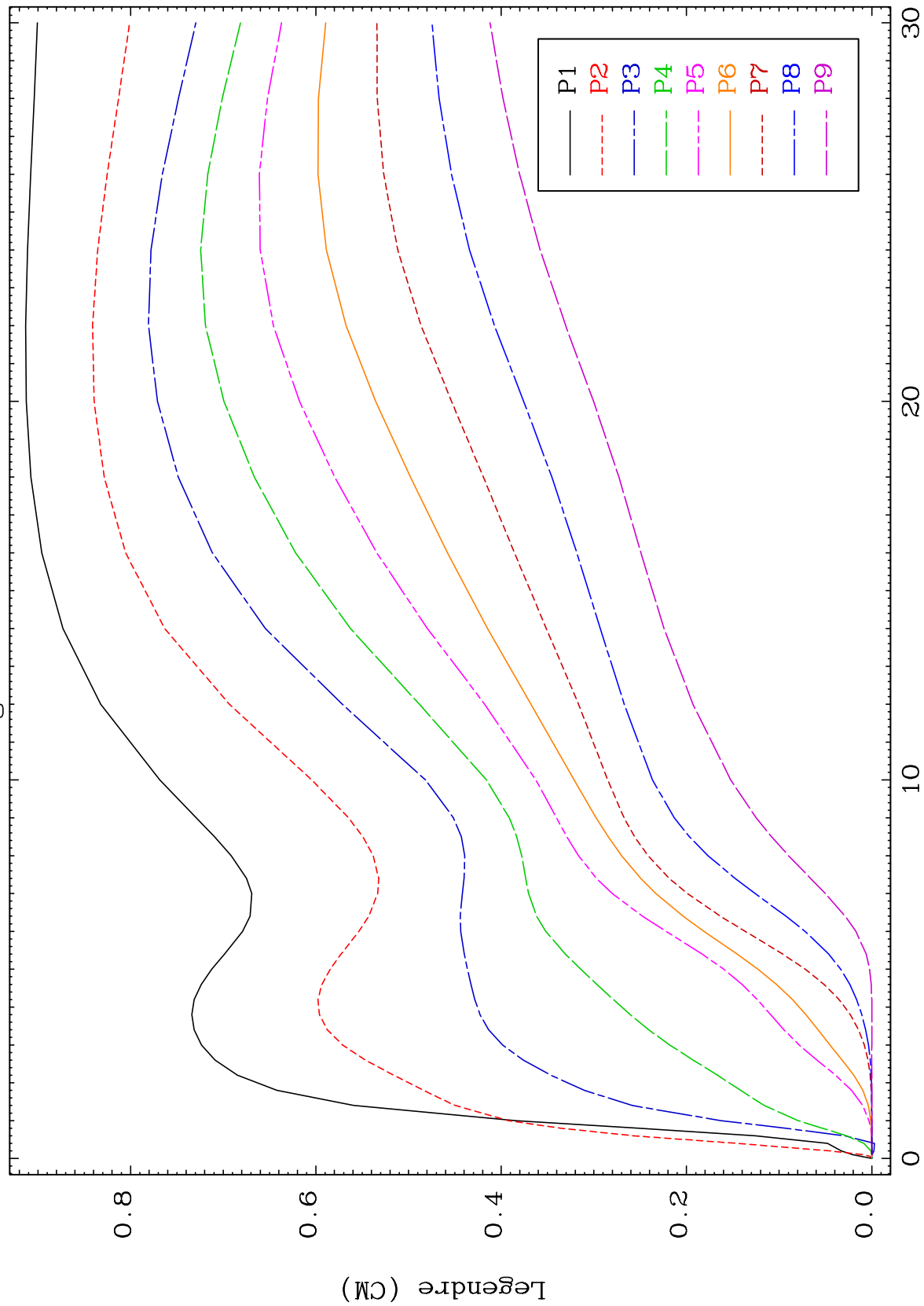
63-Eu-161



MAT 6355

63-Eu-161

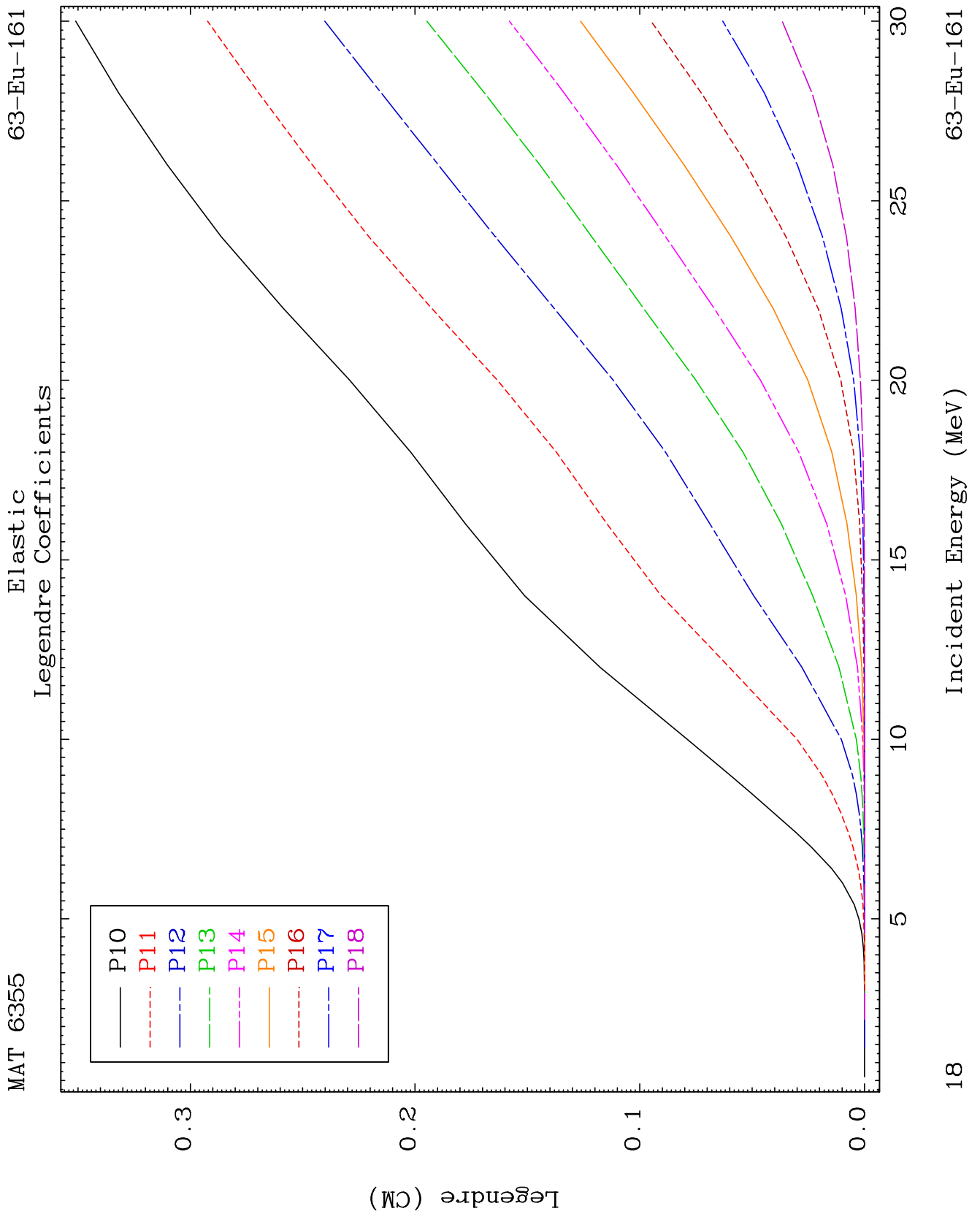
Elastic Legendre Coefficients



17

Incident Energy (MeV)

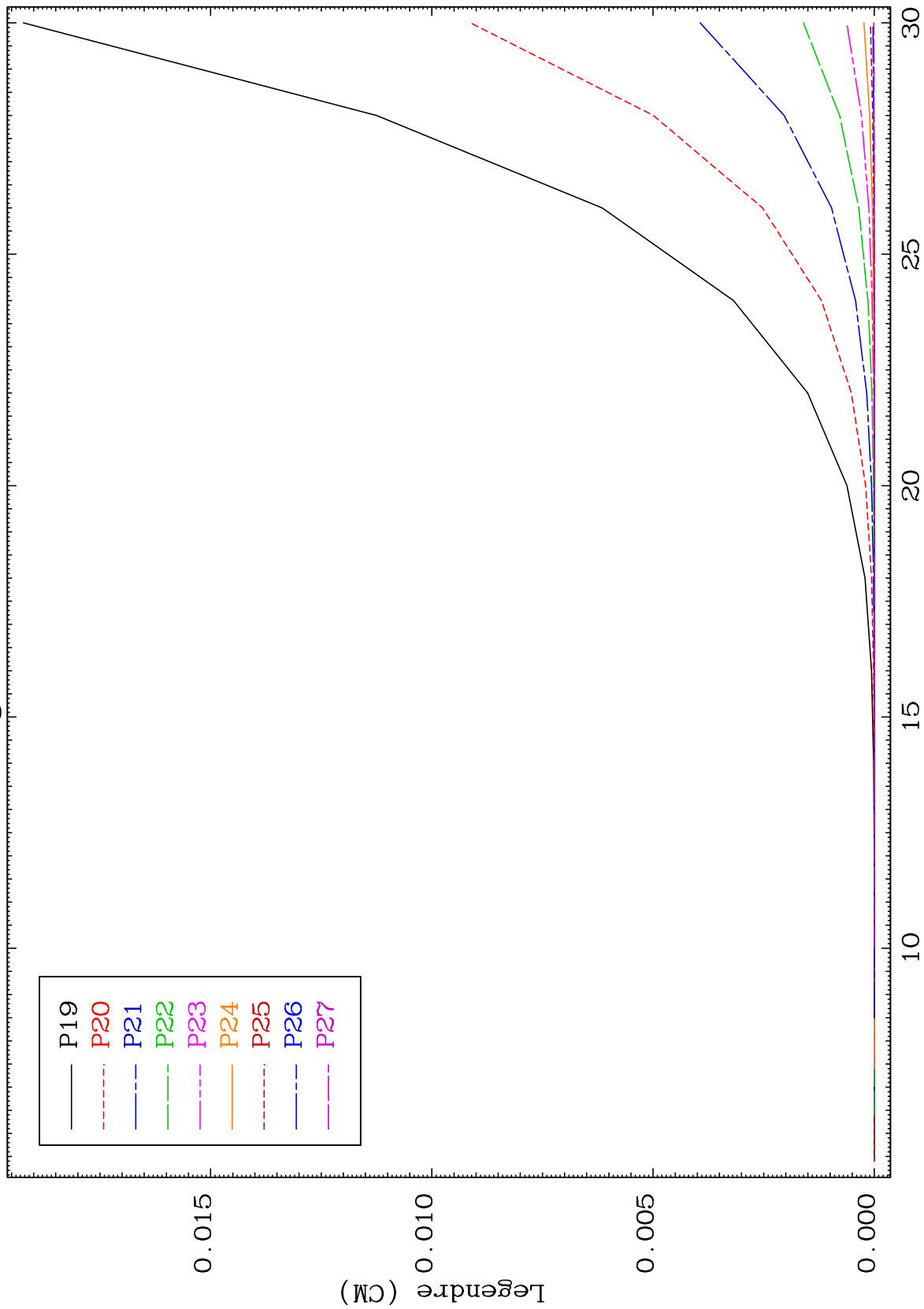
63-Eu-161



MAT 6355

Elastic Legendre Coefficients

63-Eu-161



19

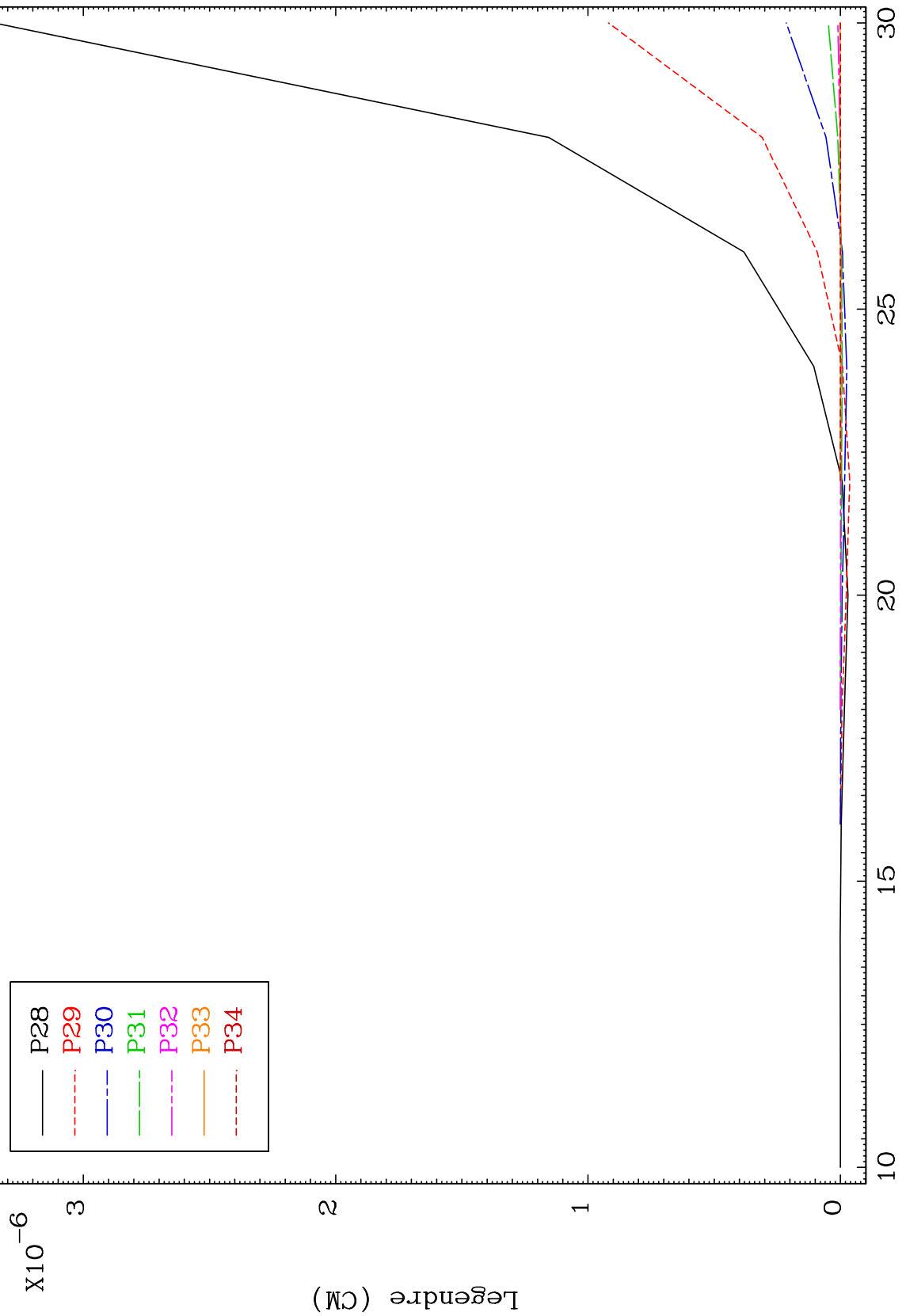
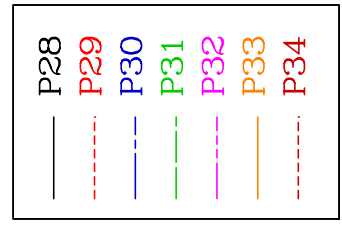
Incident Energy (MeV)

63-Eu-161

MAT 6355

Elastic Legendre Coefficients

63-Eu-161



63-Eu-161

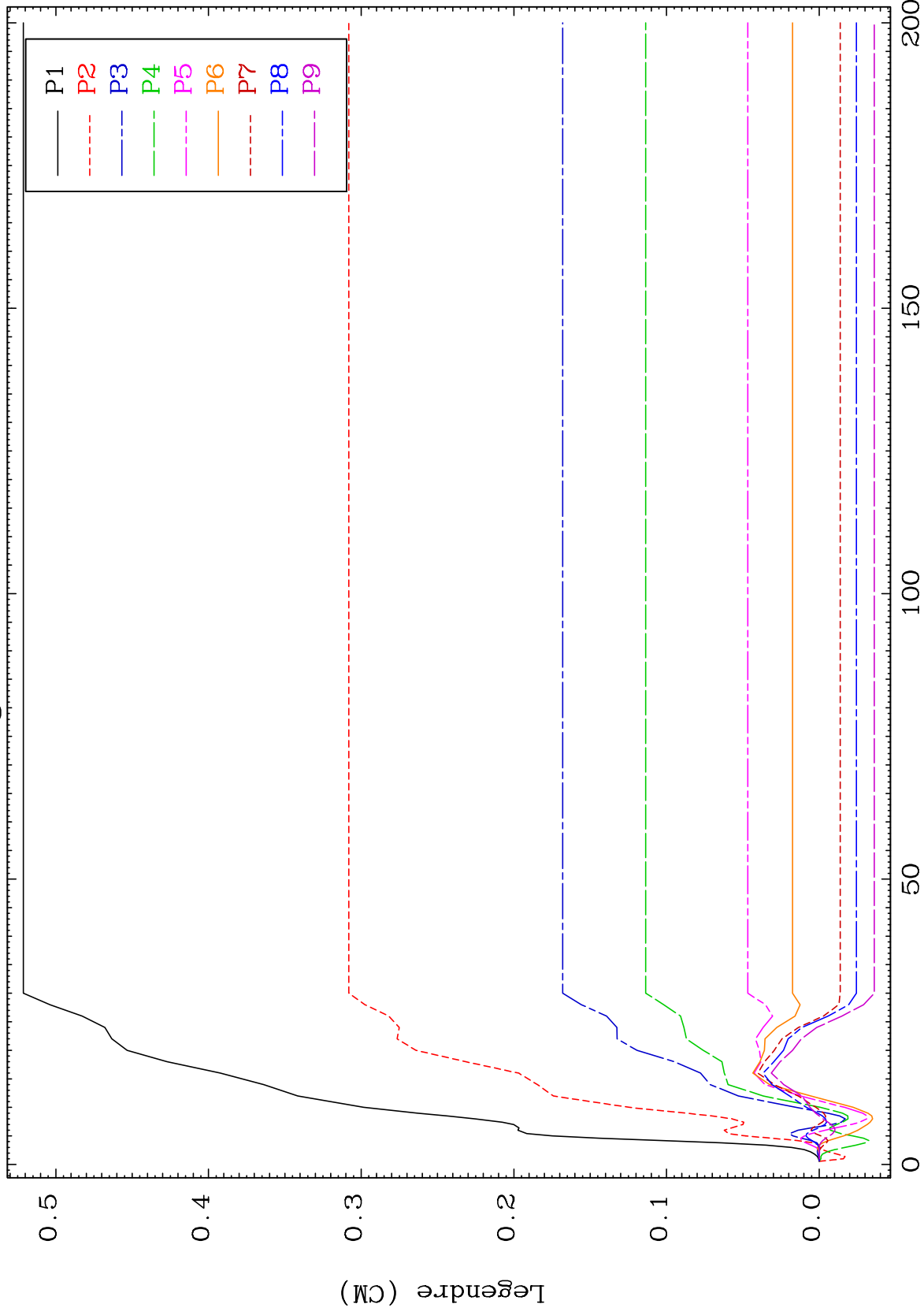
Incident Energy (MeV)

20

MAT 6355

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

63-Eu-161



21

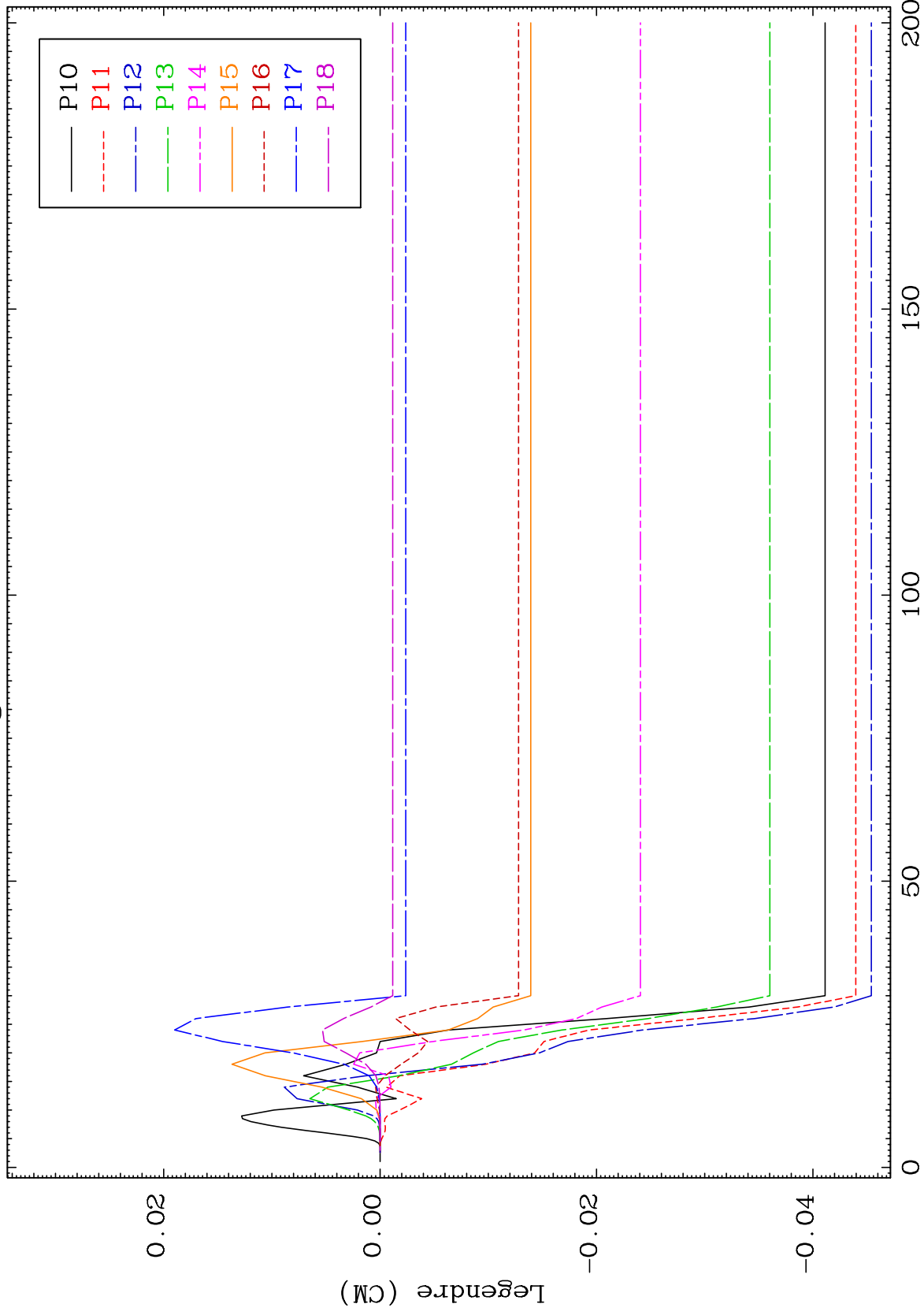
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



22

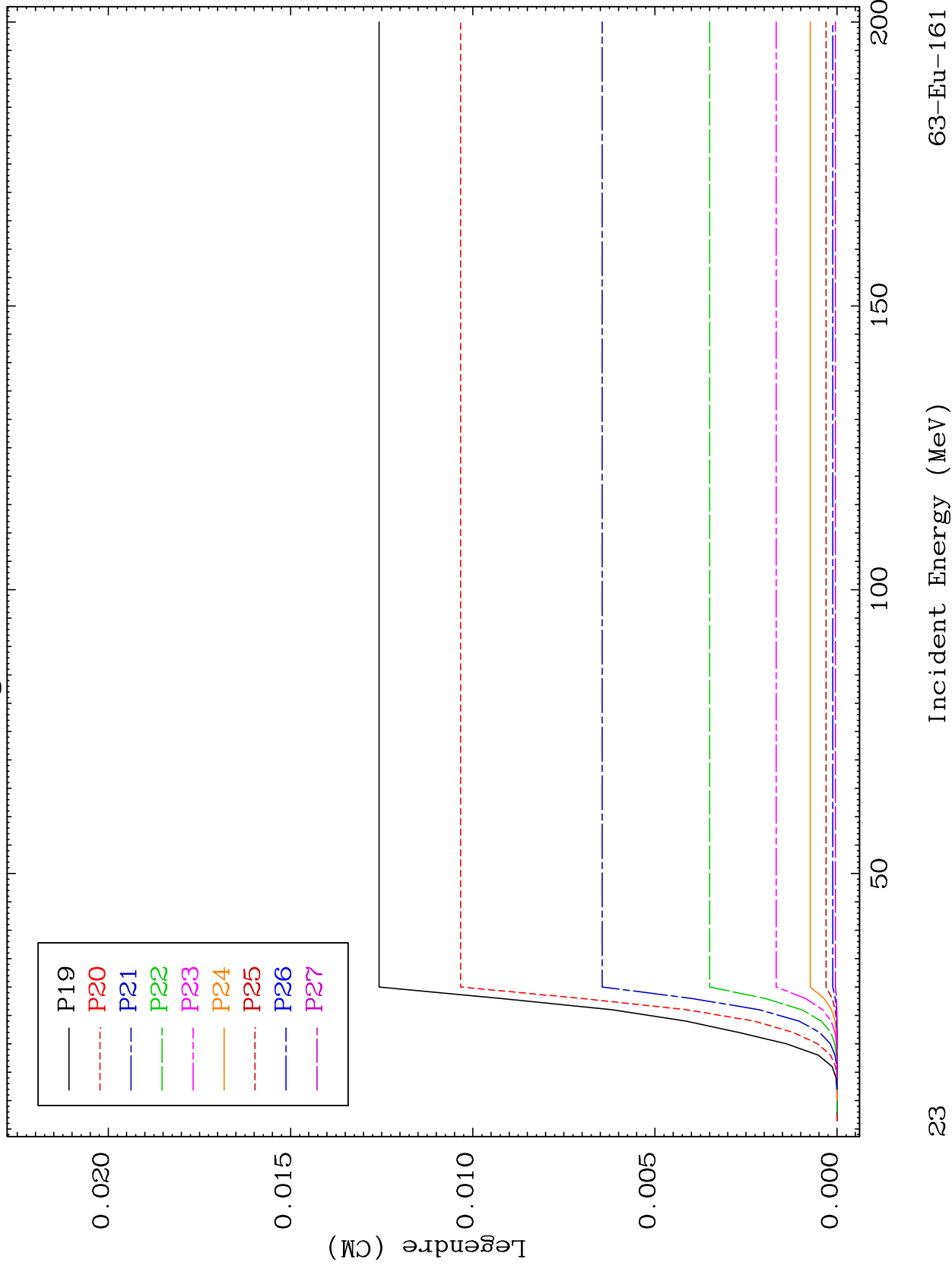
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



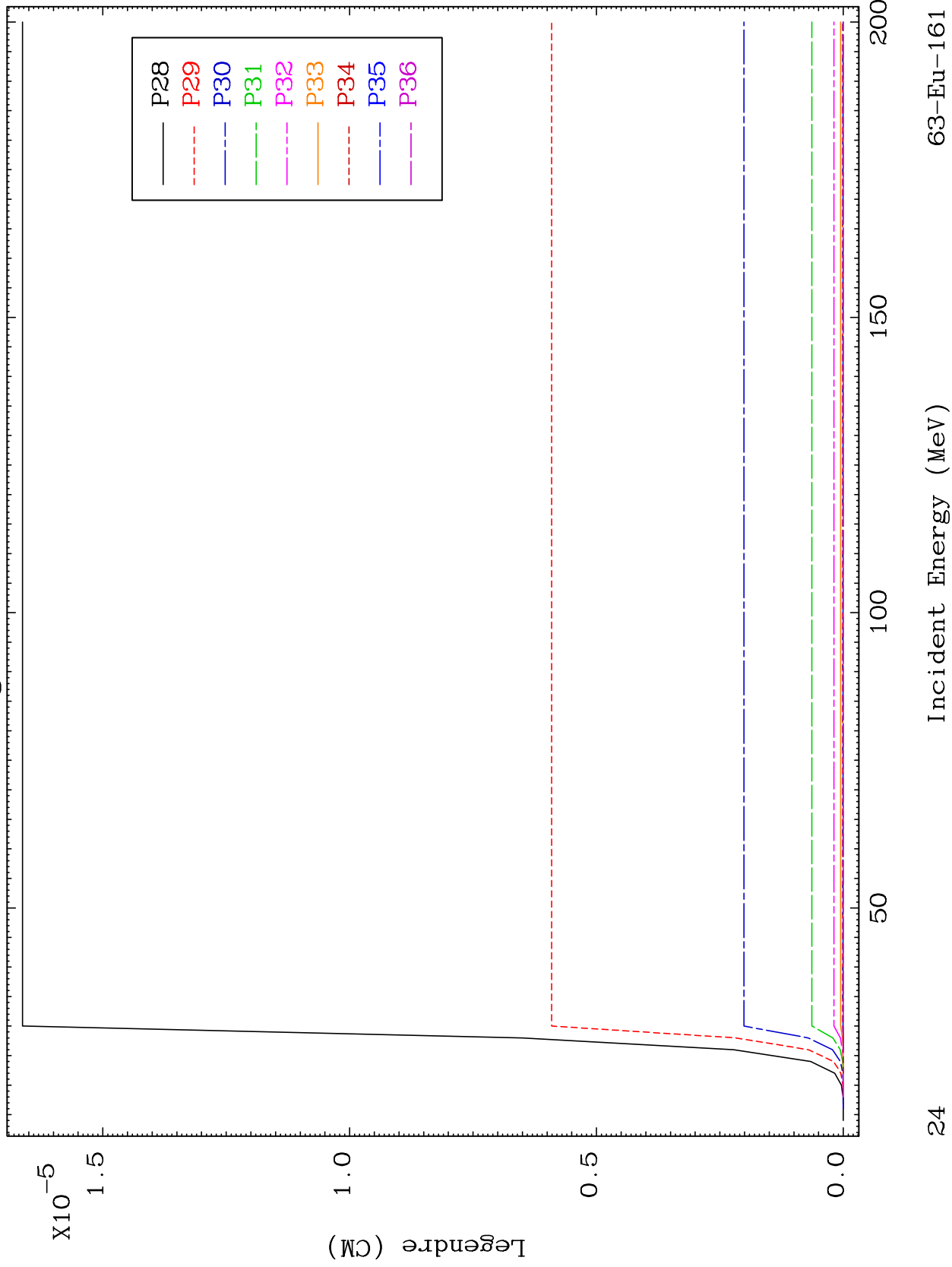
23

63-Eu-161

MAT 6355

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

63-Eu-161



24

Incident Energy (MeV)

63-Eu-161

200

150

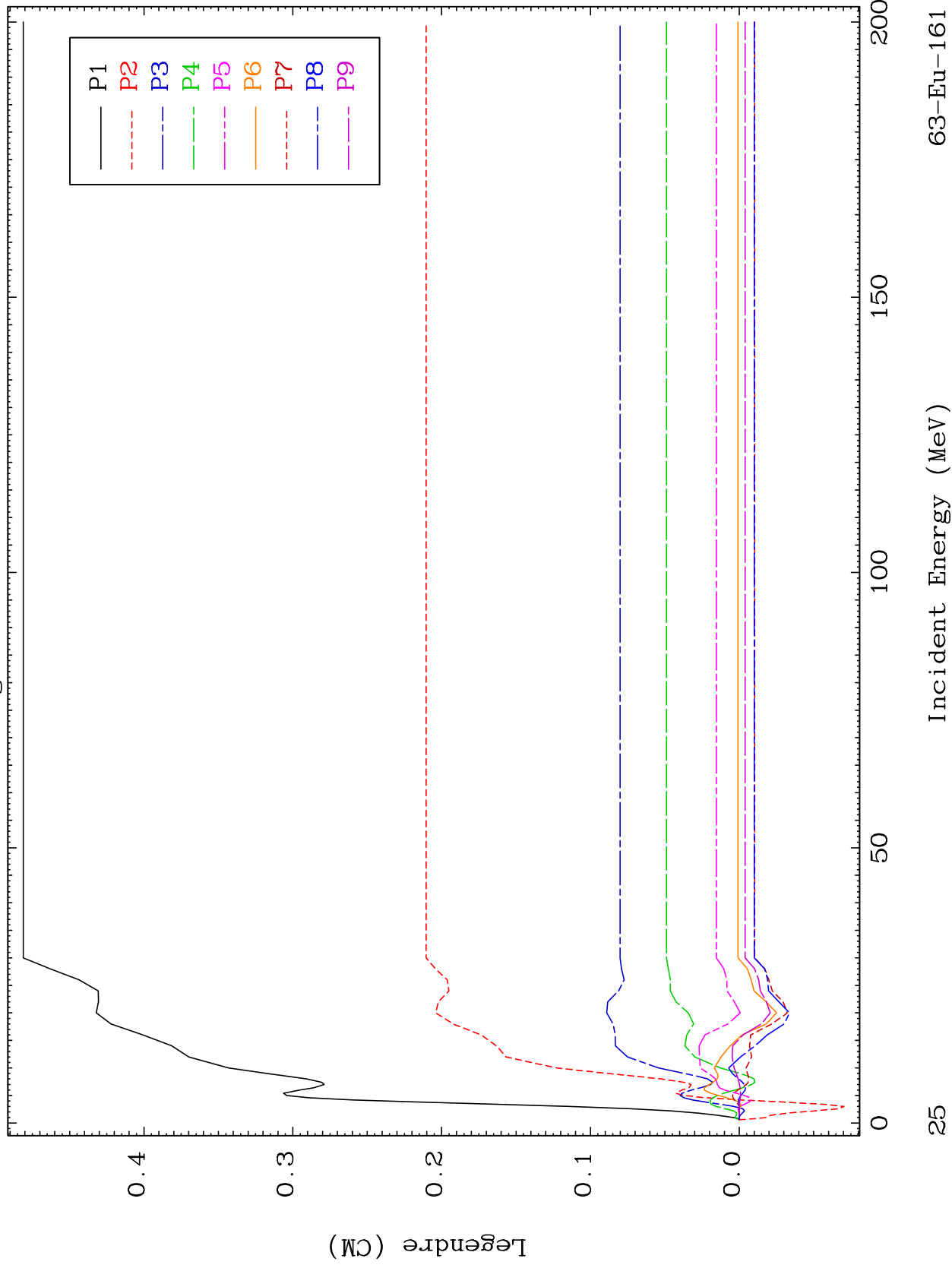
100

50

MAT 6355

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

63-Eu-161



63-Eu-161

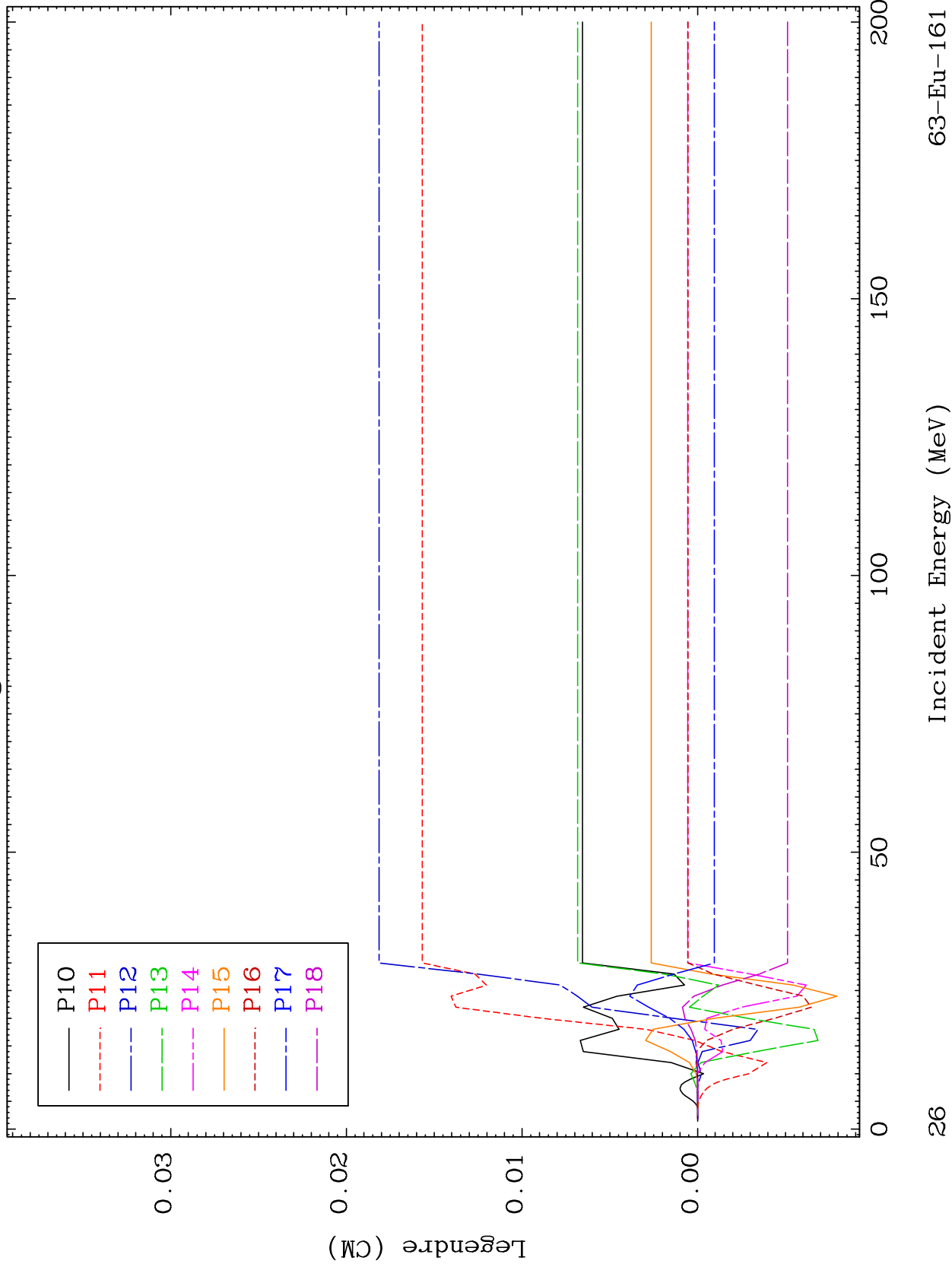
Incident Energy (MeV)

25

MAT 6355

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

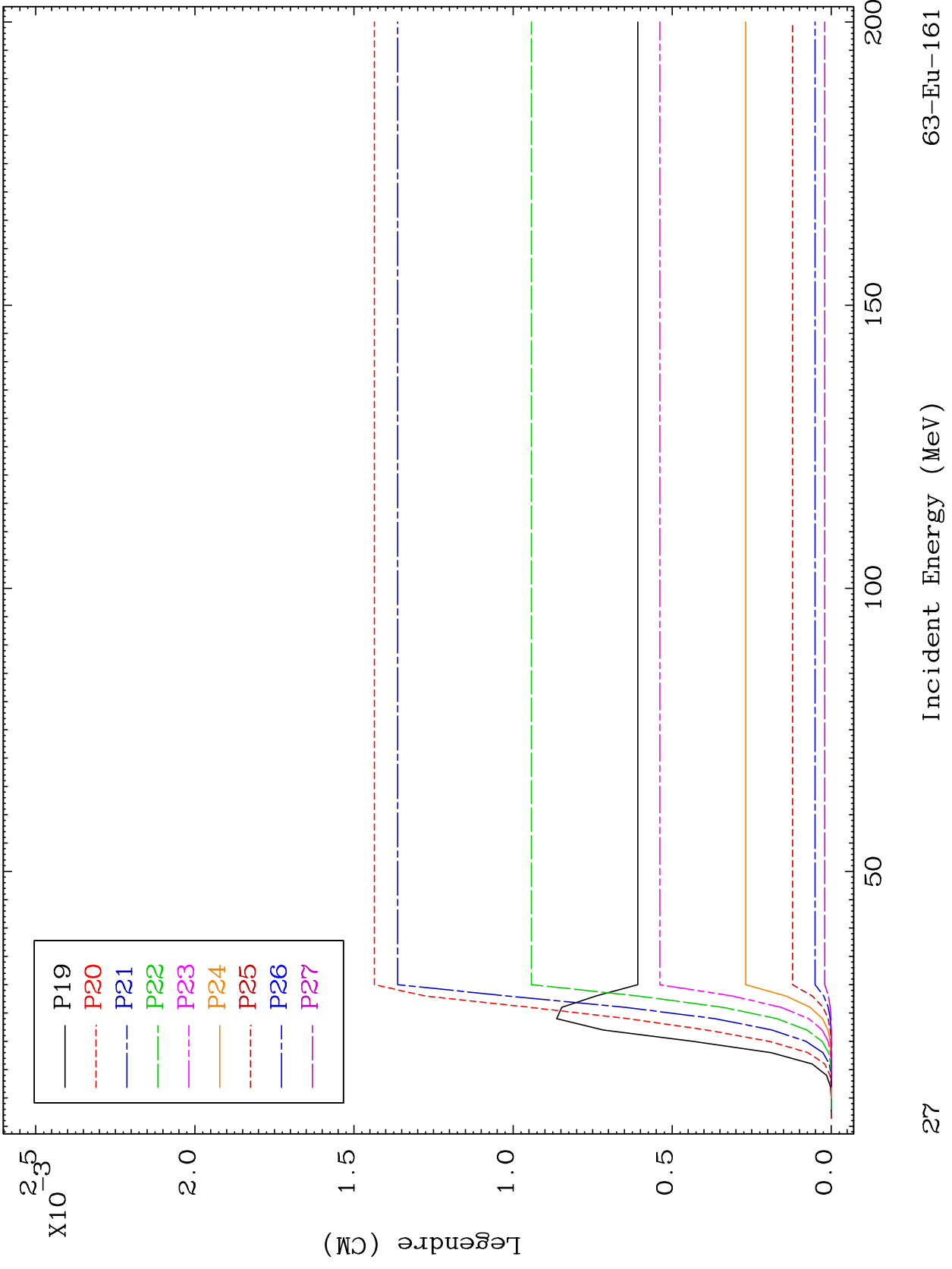
63-Eu-161



26

Incident Energy (MeV)

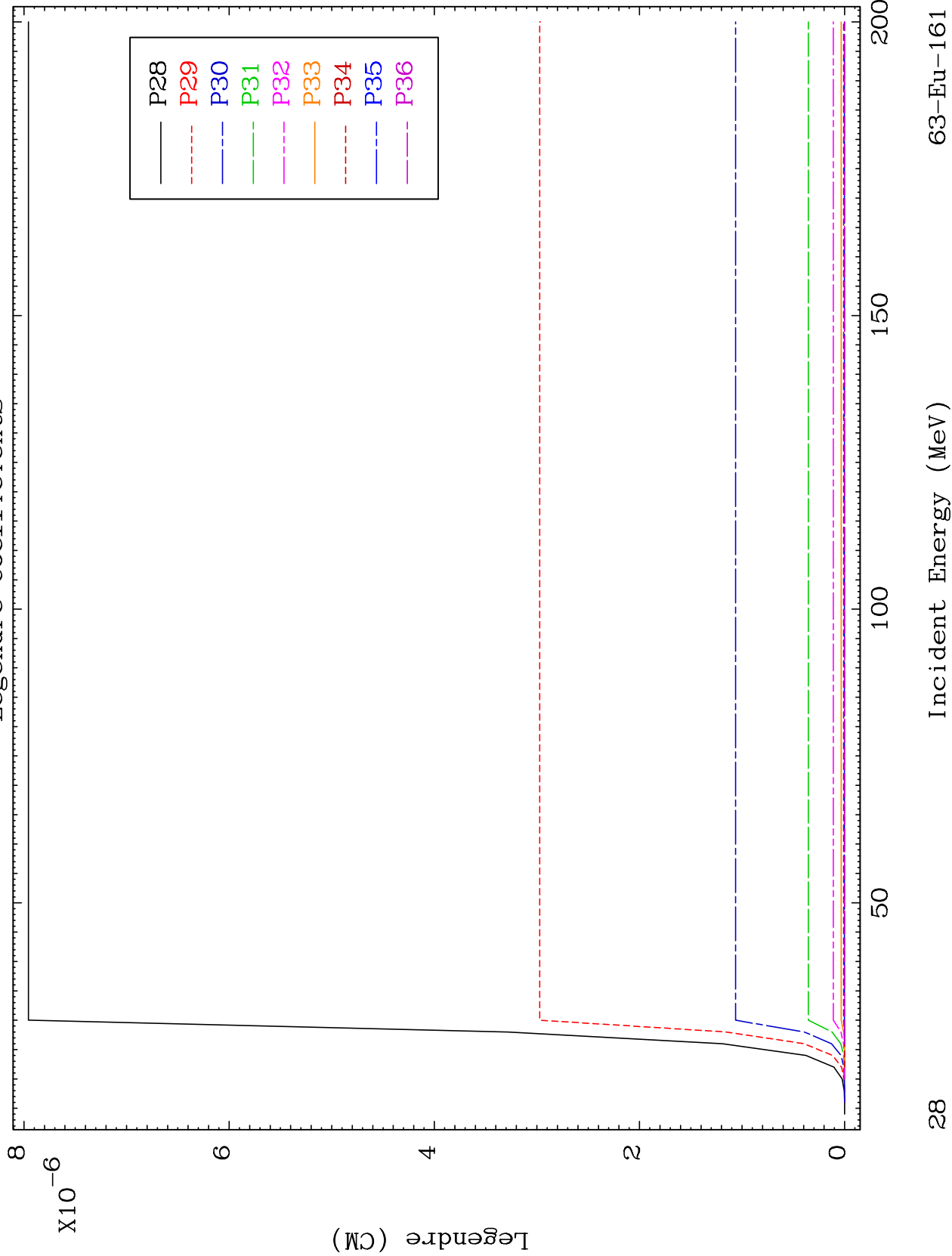
63-Eu-161



MAT 6355

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

63-Eu-161



28

Incident Energy (MeV)

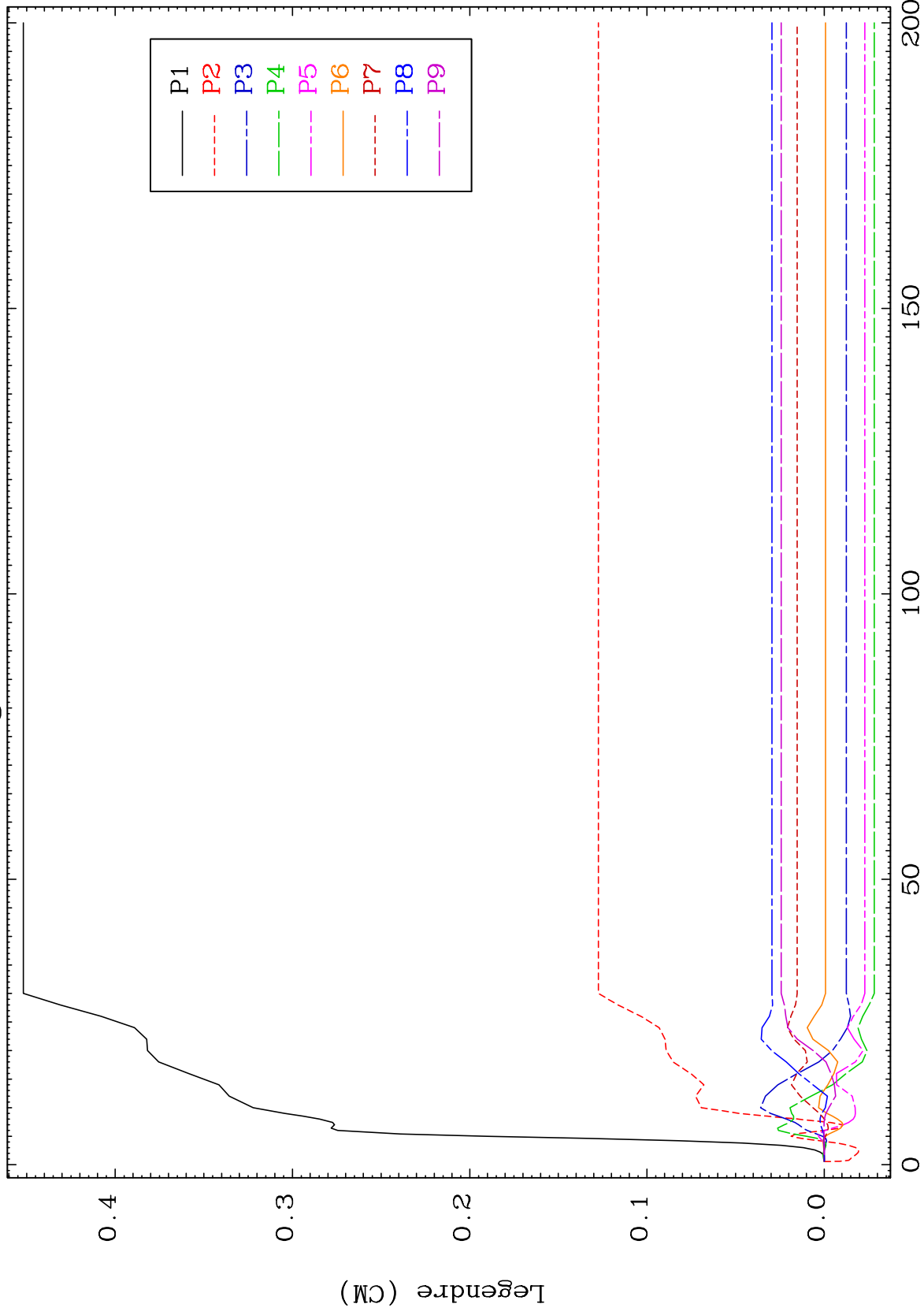
63-Eu-161

MAT 6355

MT= 53 (n,n') Level

63-Eu-161

Legendre Coefficients



29

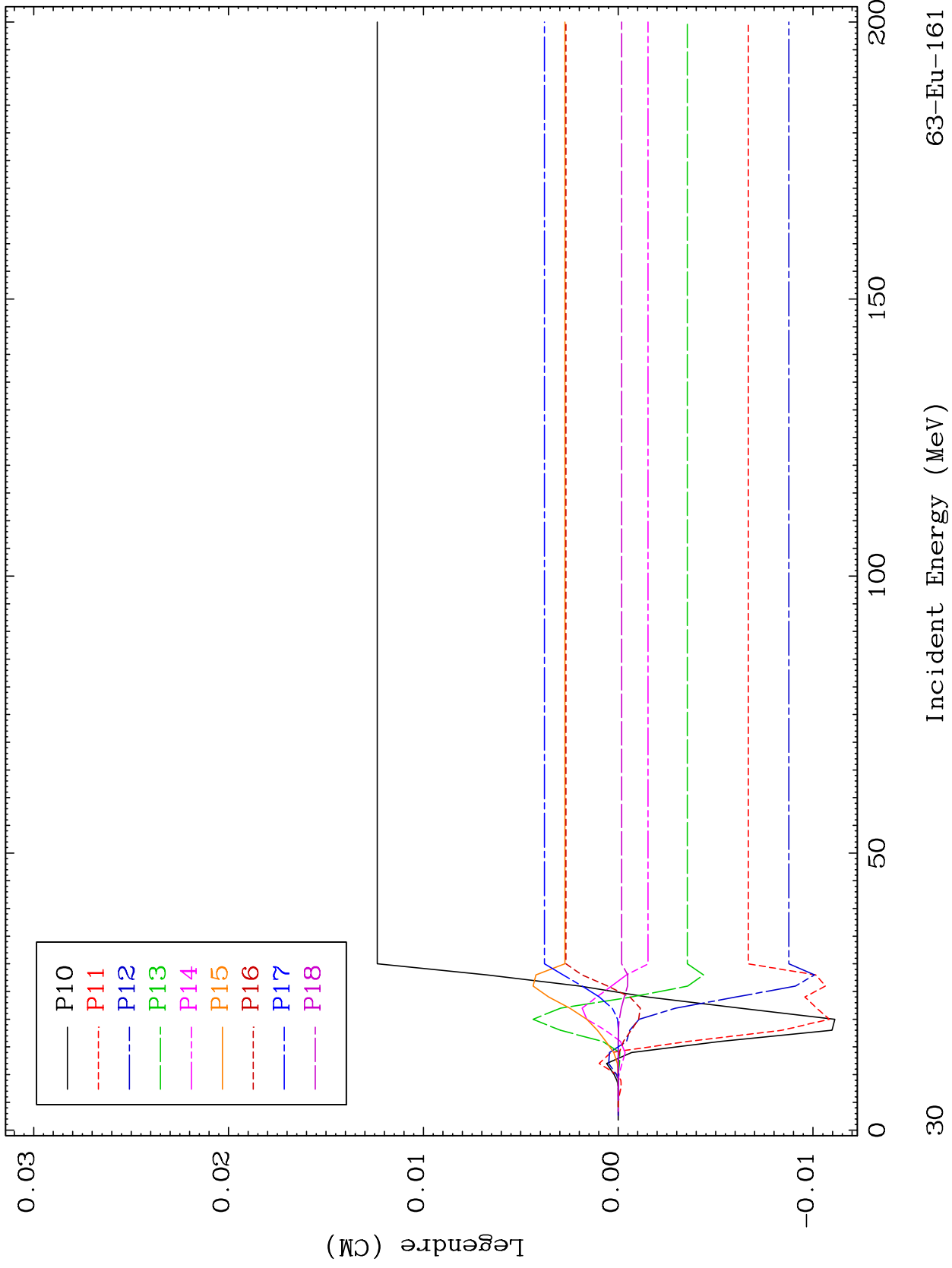
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

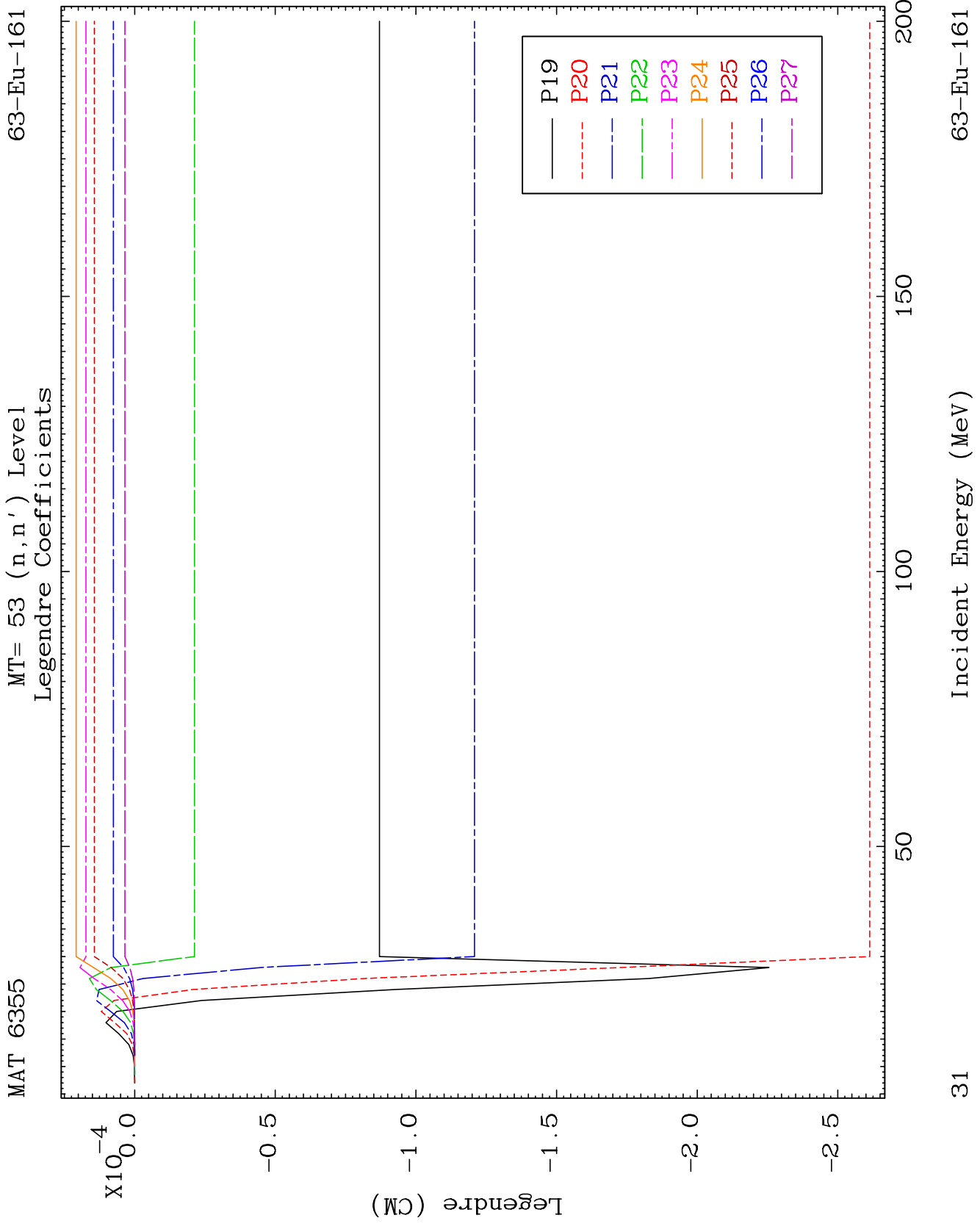
63-Eu-161



63-Eu-161

Incident Energy (MeV)

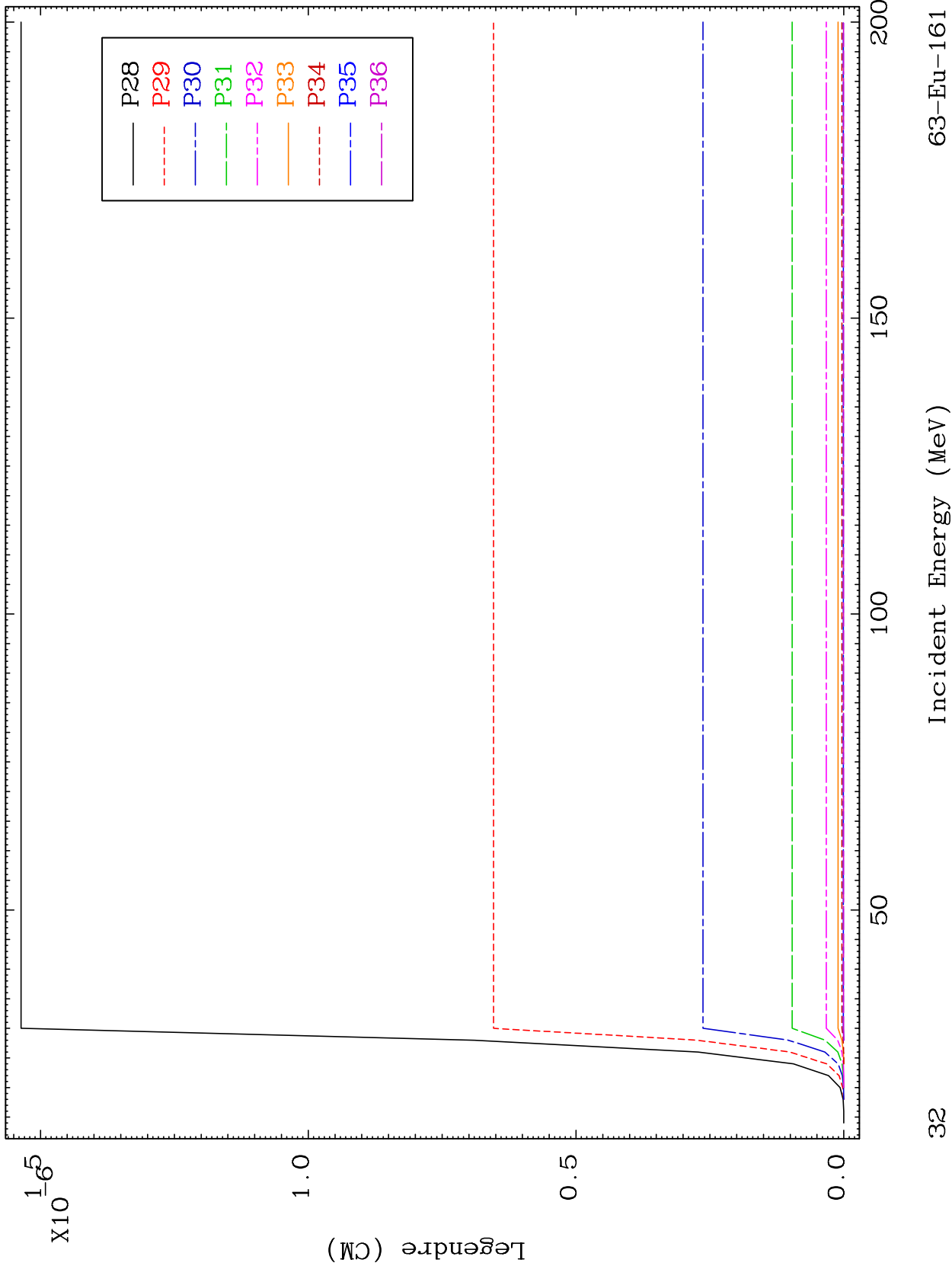
30



MAT 6355

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

63-Eu-161



32

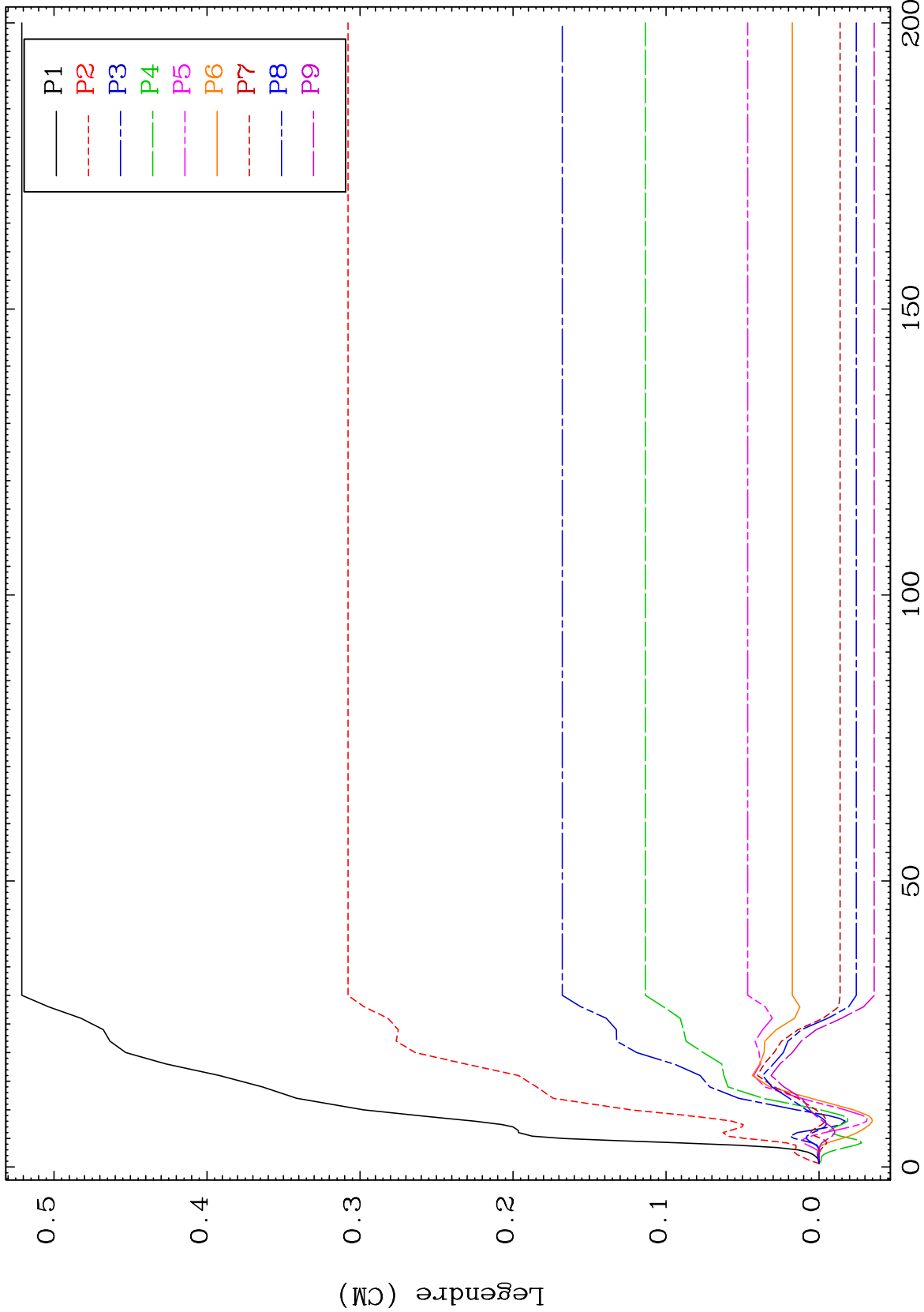
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



33

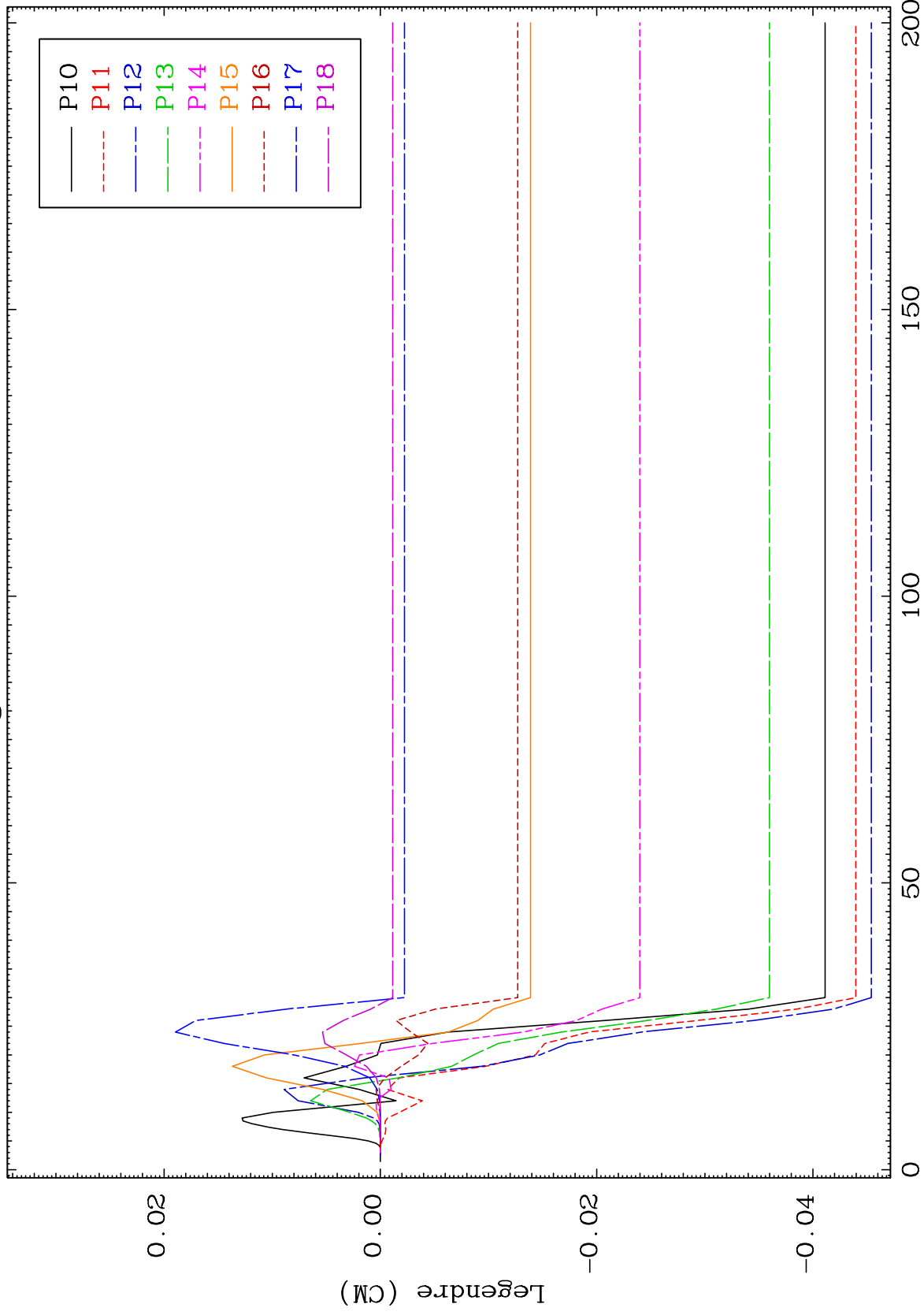
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



34

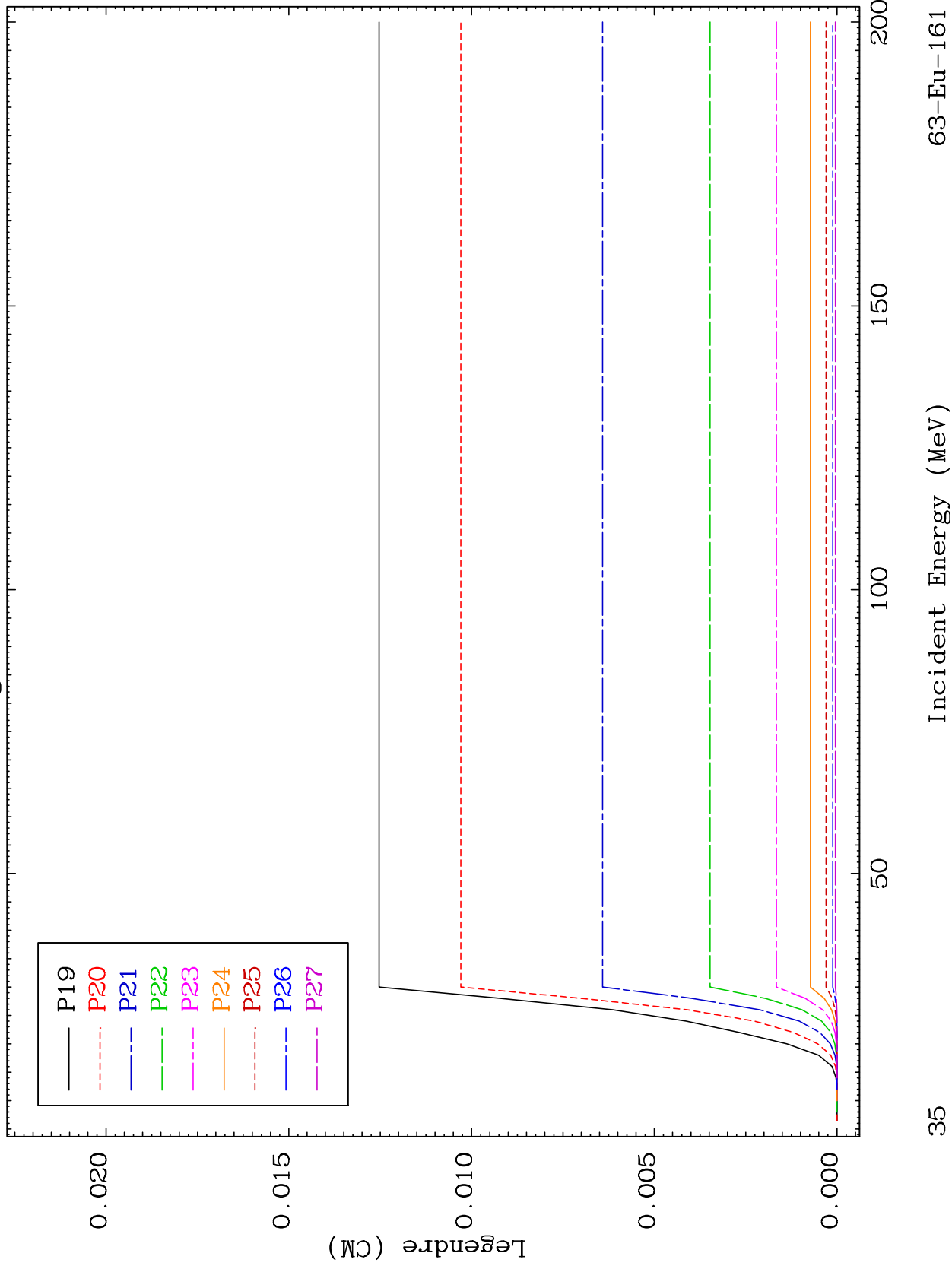
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



35

Incident Energy (MeV)

63-Eu-161

200

150

100

50

Legendre (CM)

0.020

0.015

0.010

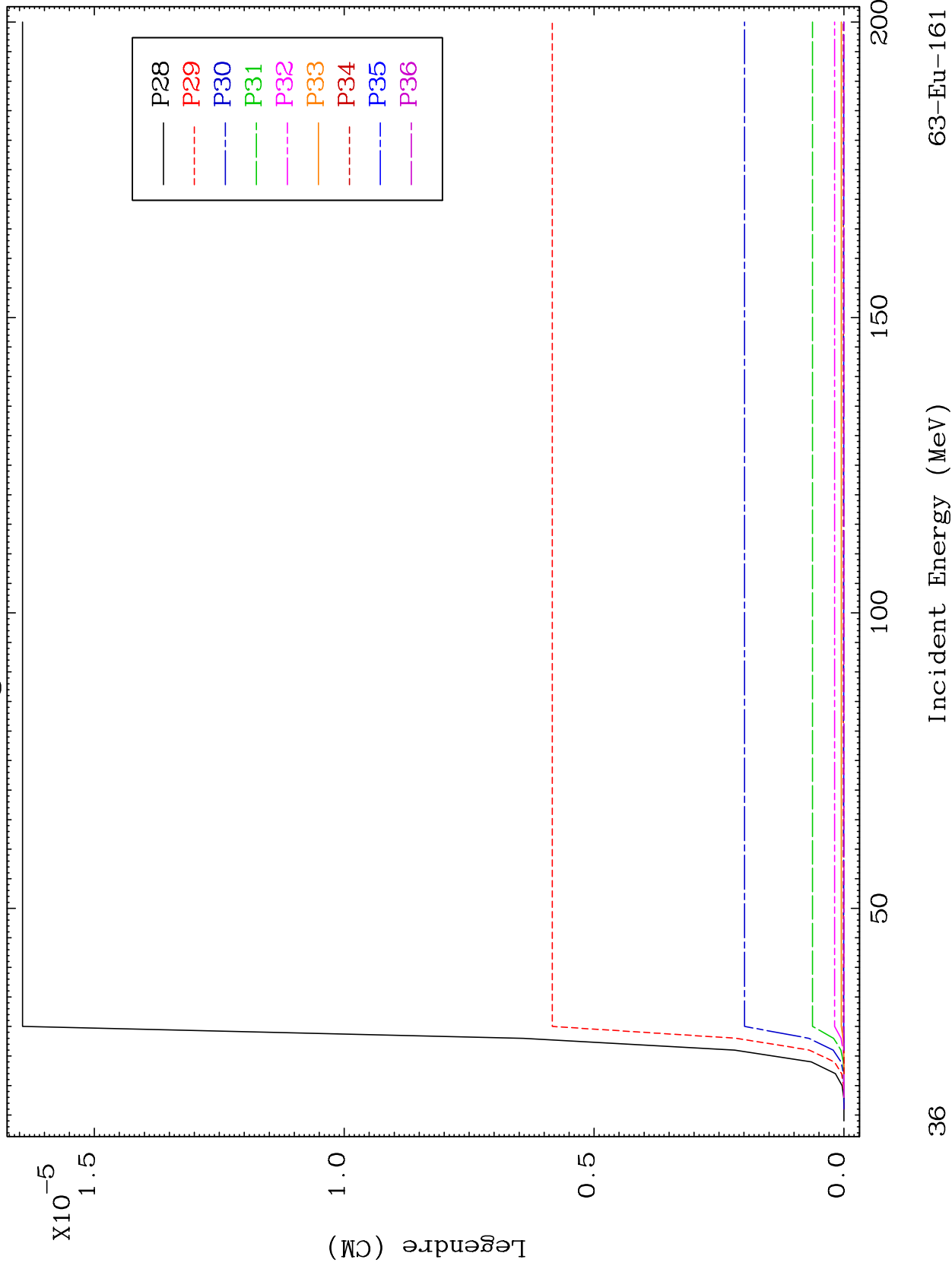
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0.000

MAT 6355

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

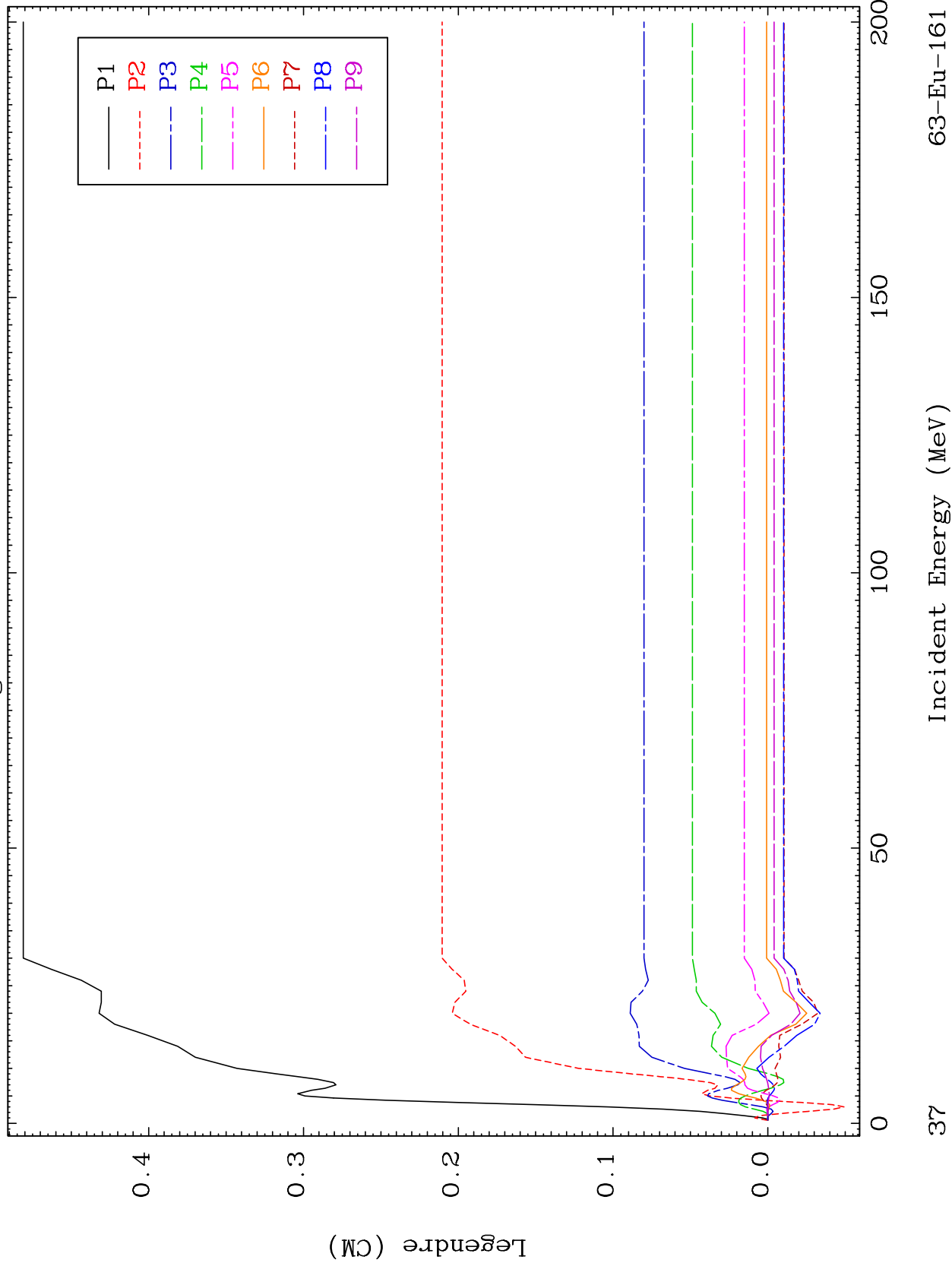
63-Eu-161



MAT 6355

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

63-Eu-161



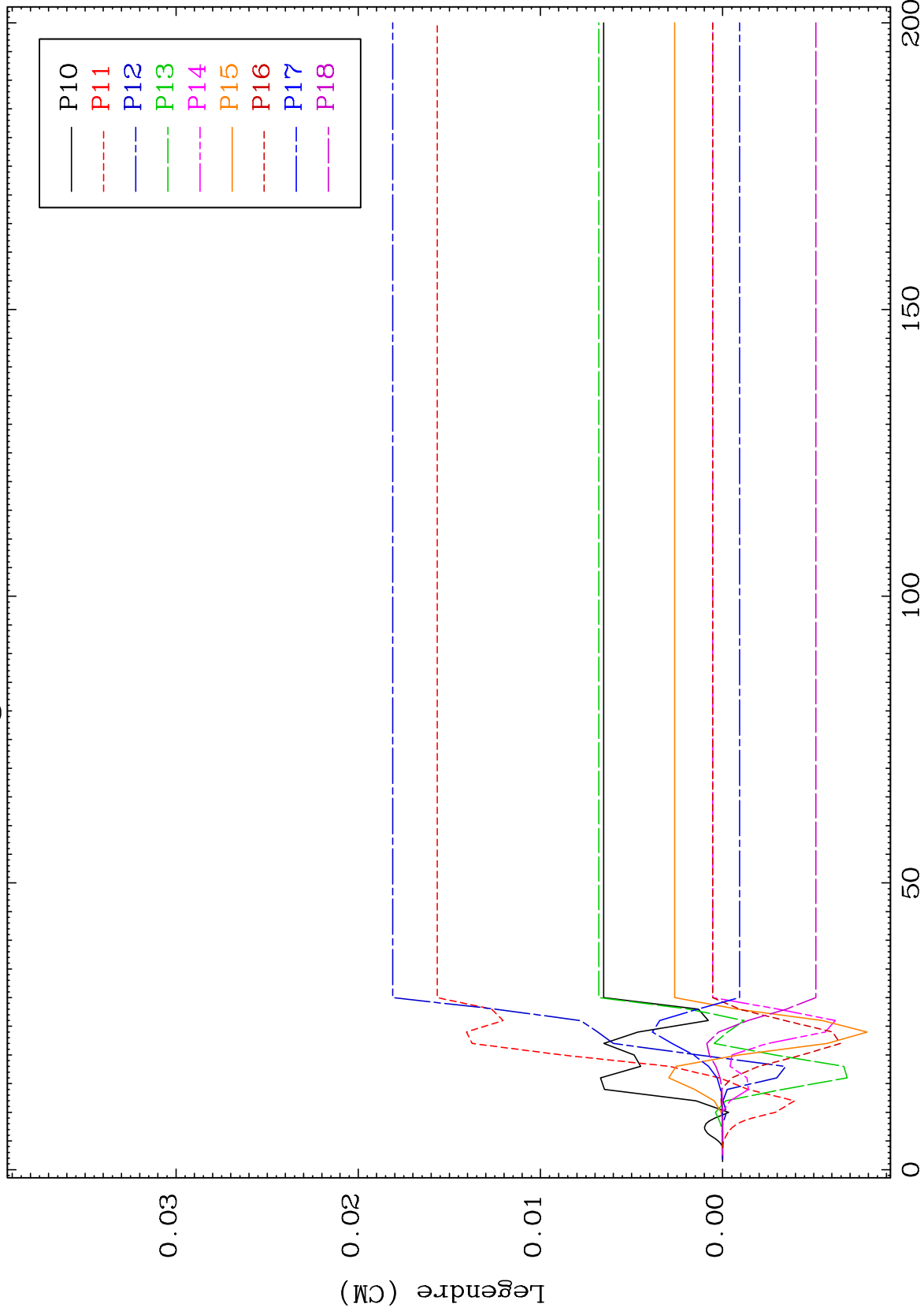
37

63-Eu-161

MAT 6355

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

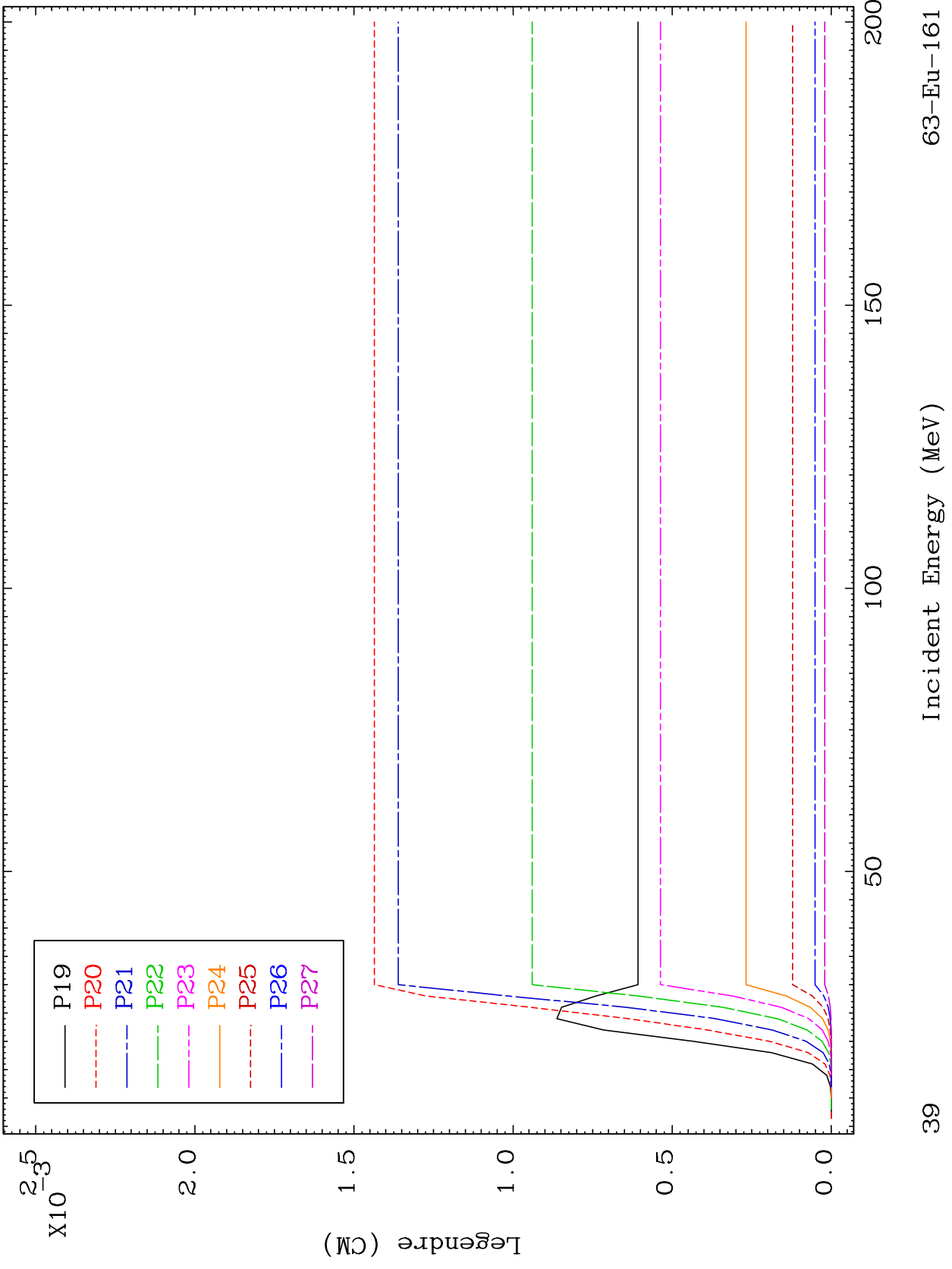
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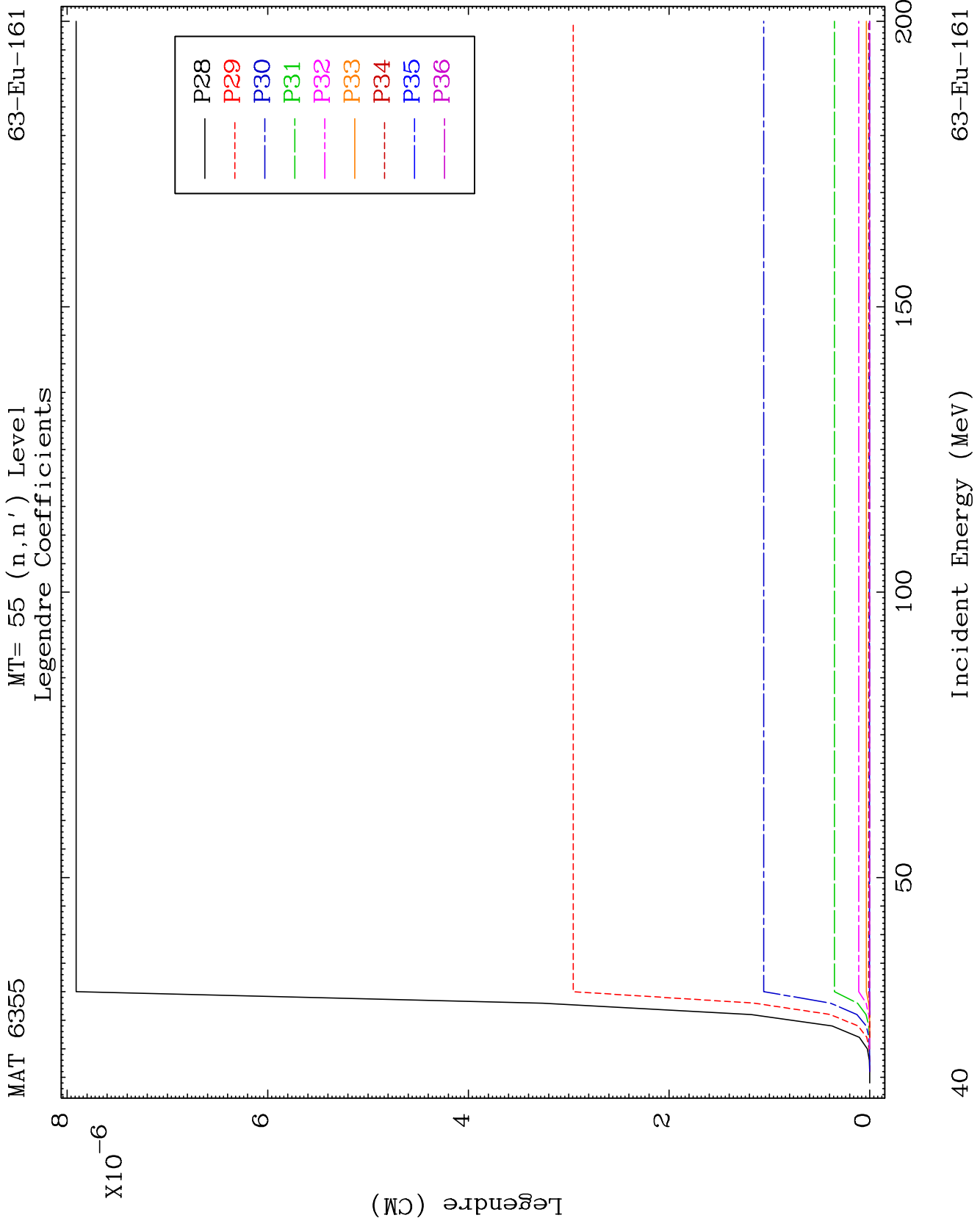


38

Incident Energy (MeV)

63-Eu-161

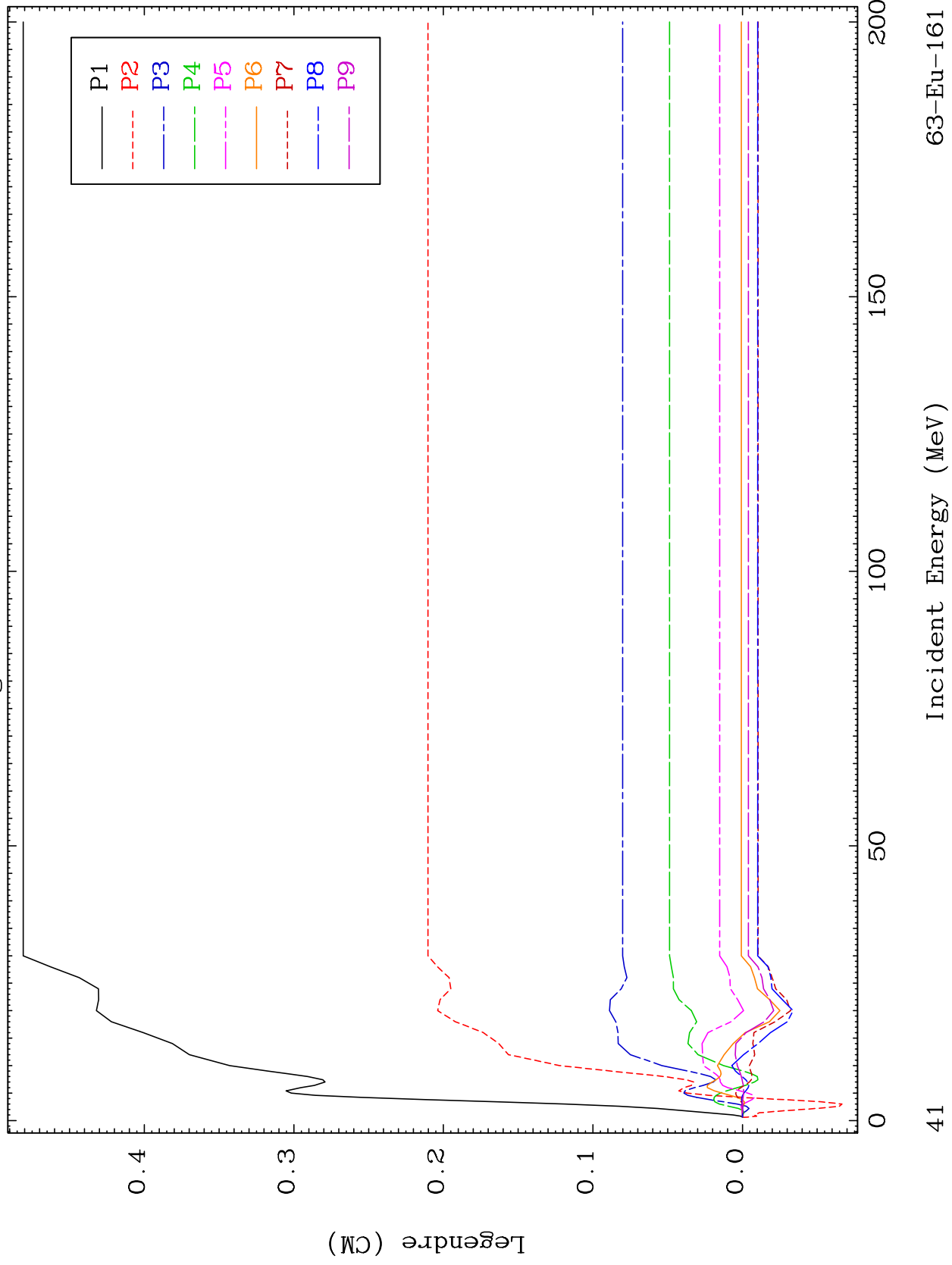




MAT 6355

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

63-Eu-161



41

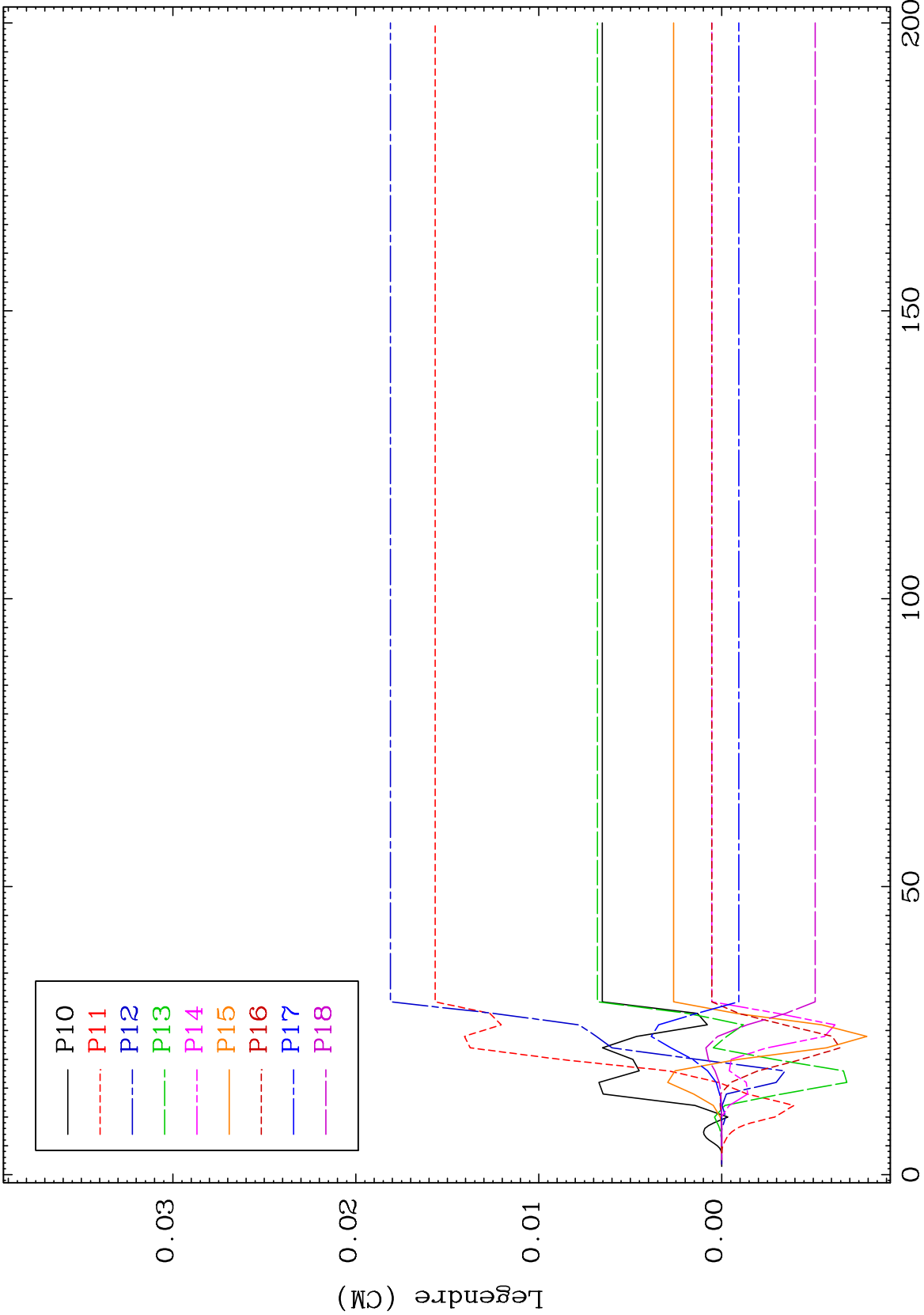
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

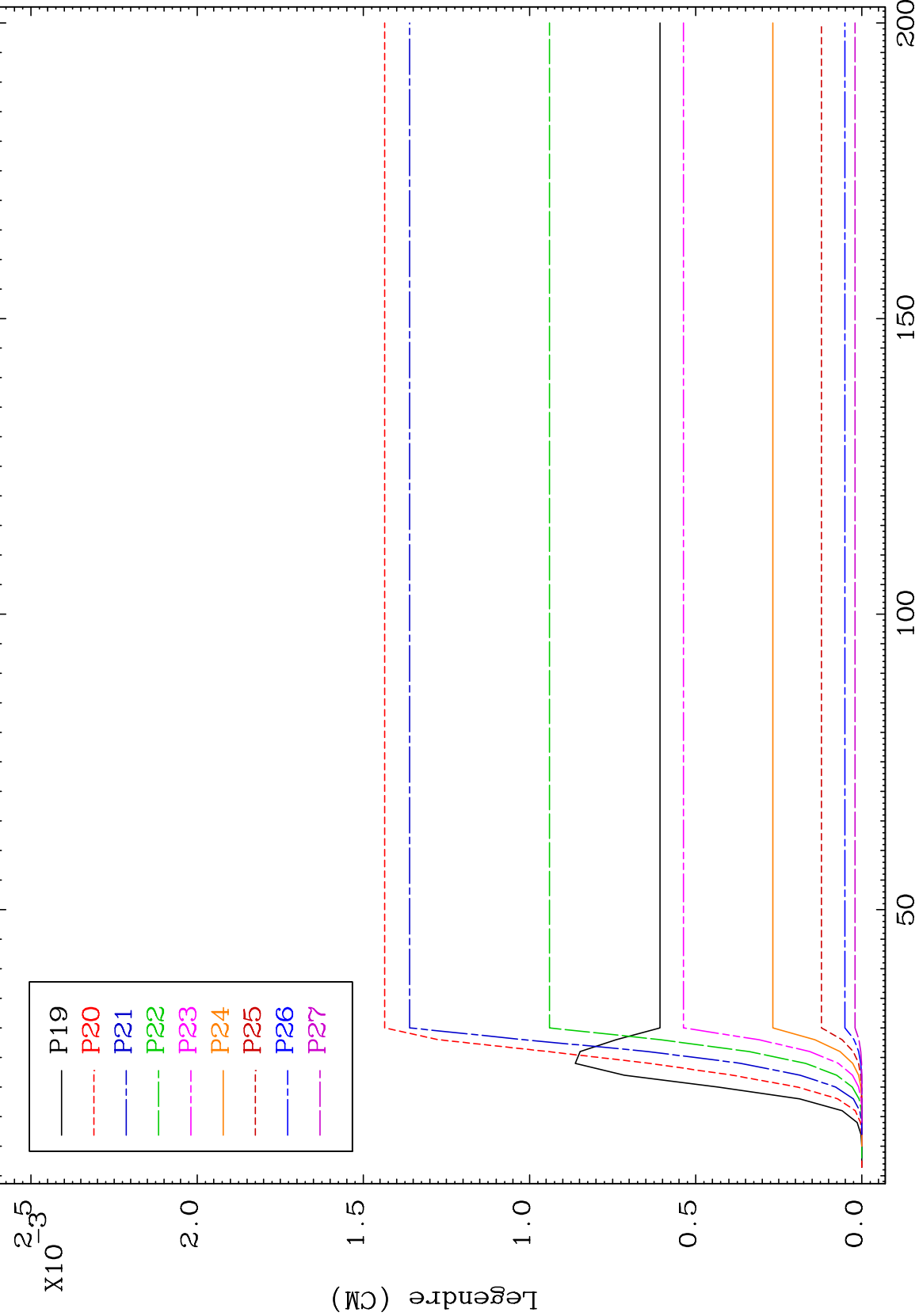
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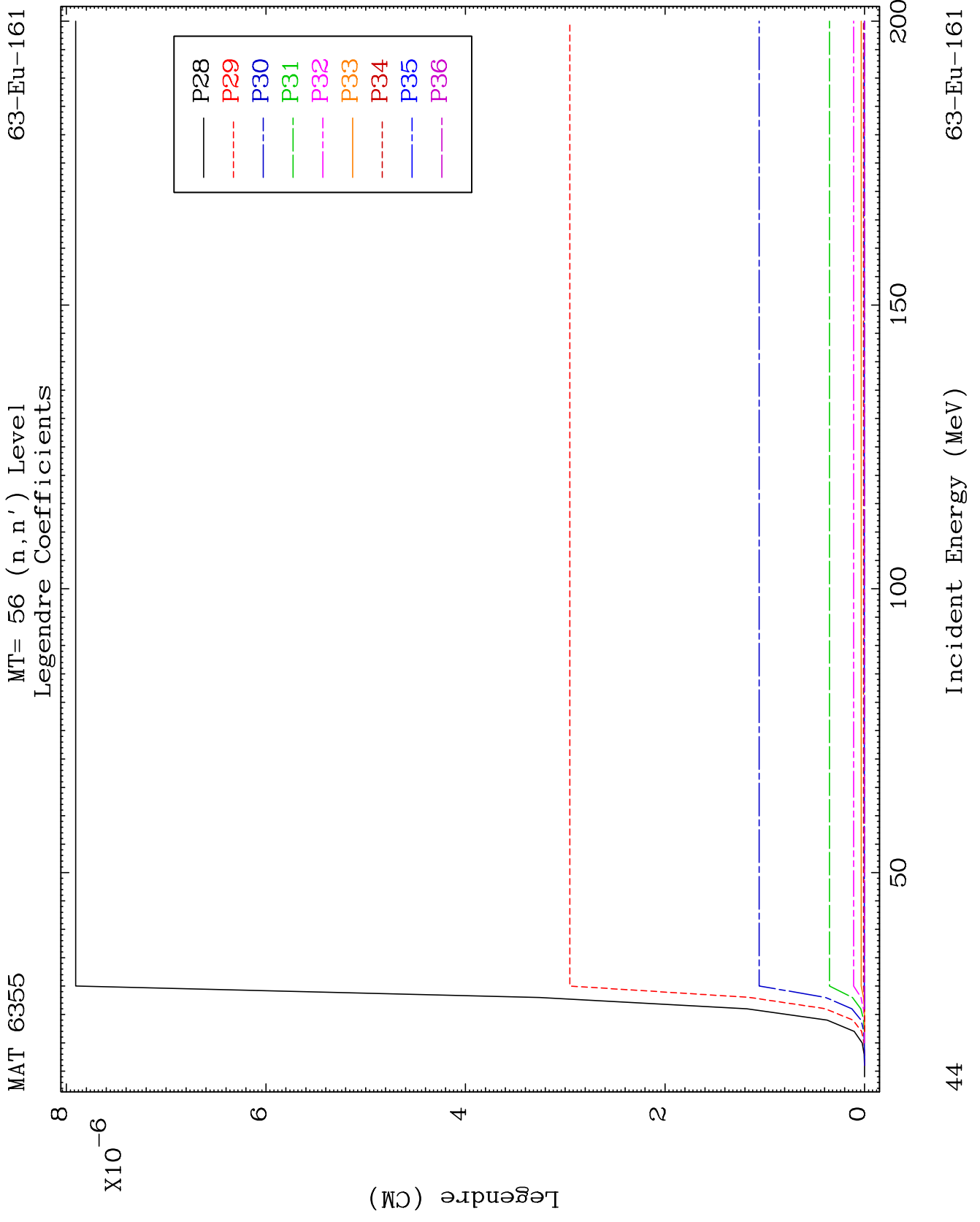


42

Incident Energy (MeV)

63-Eu-161



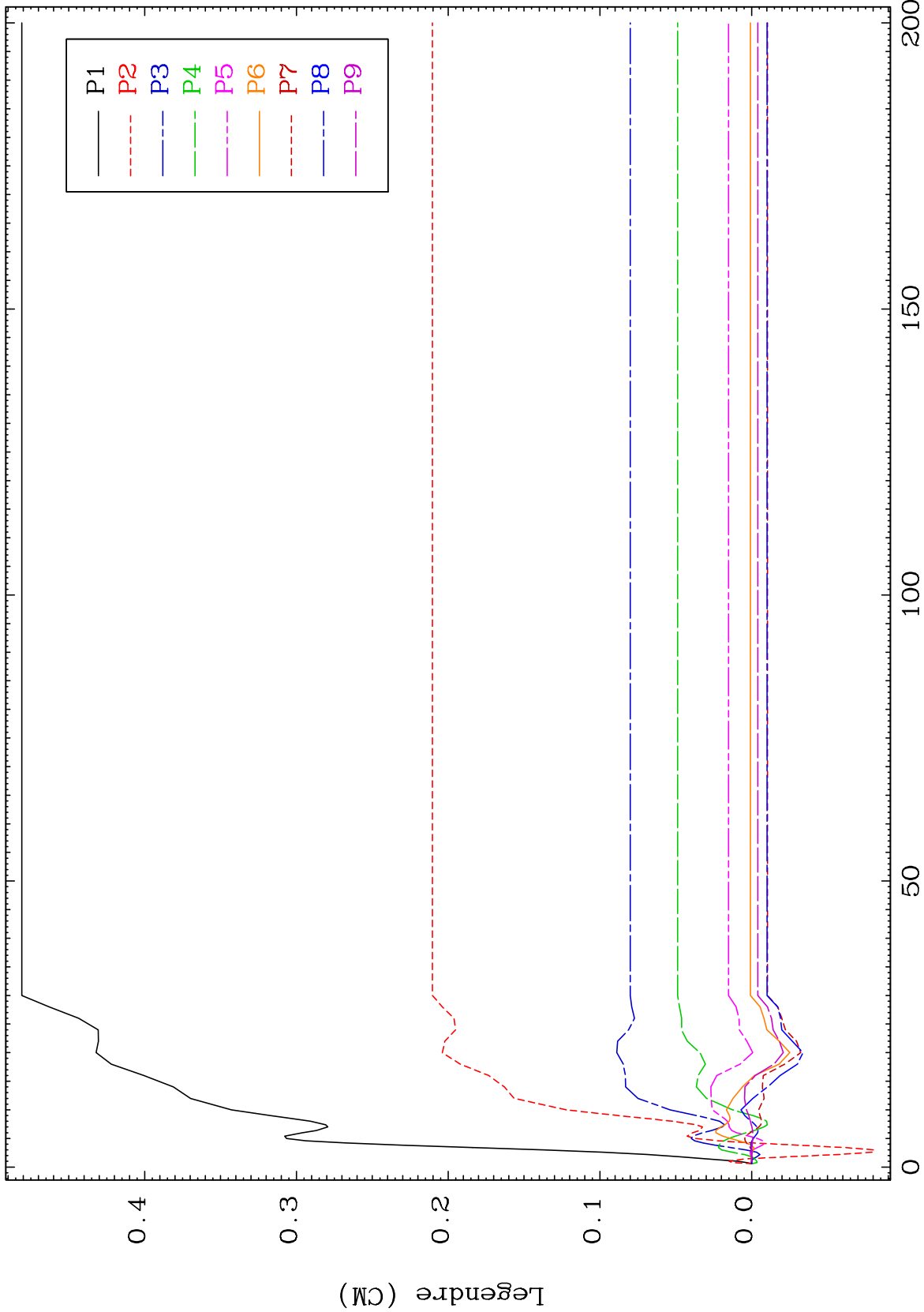


MAT 6355

MT= 57 (n,n') Level

63-Eu-161

Legendre Coefficients



63-Eu-161

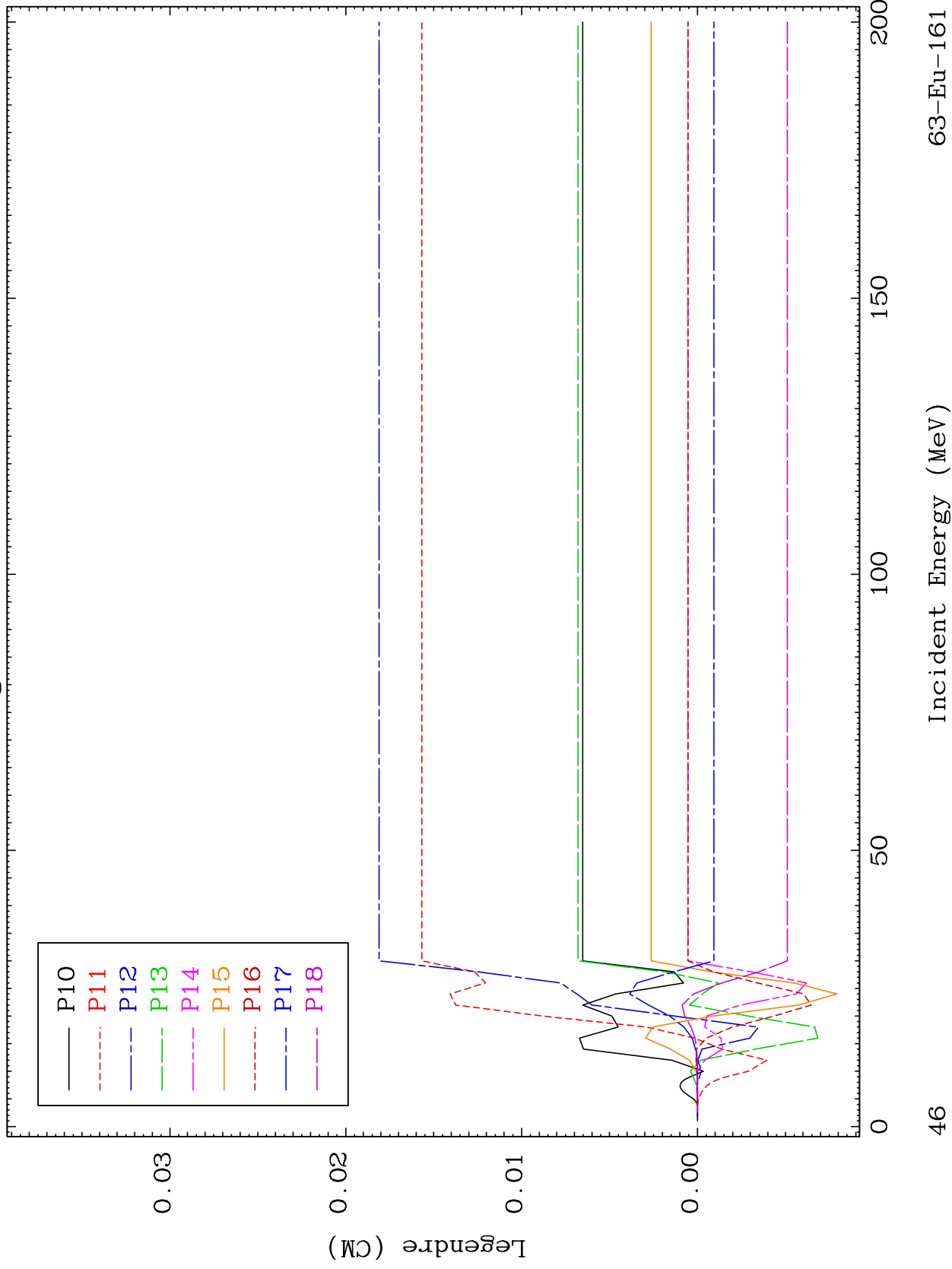
Incident Energy (MeV)

45

MAT 6355

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

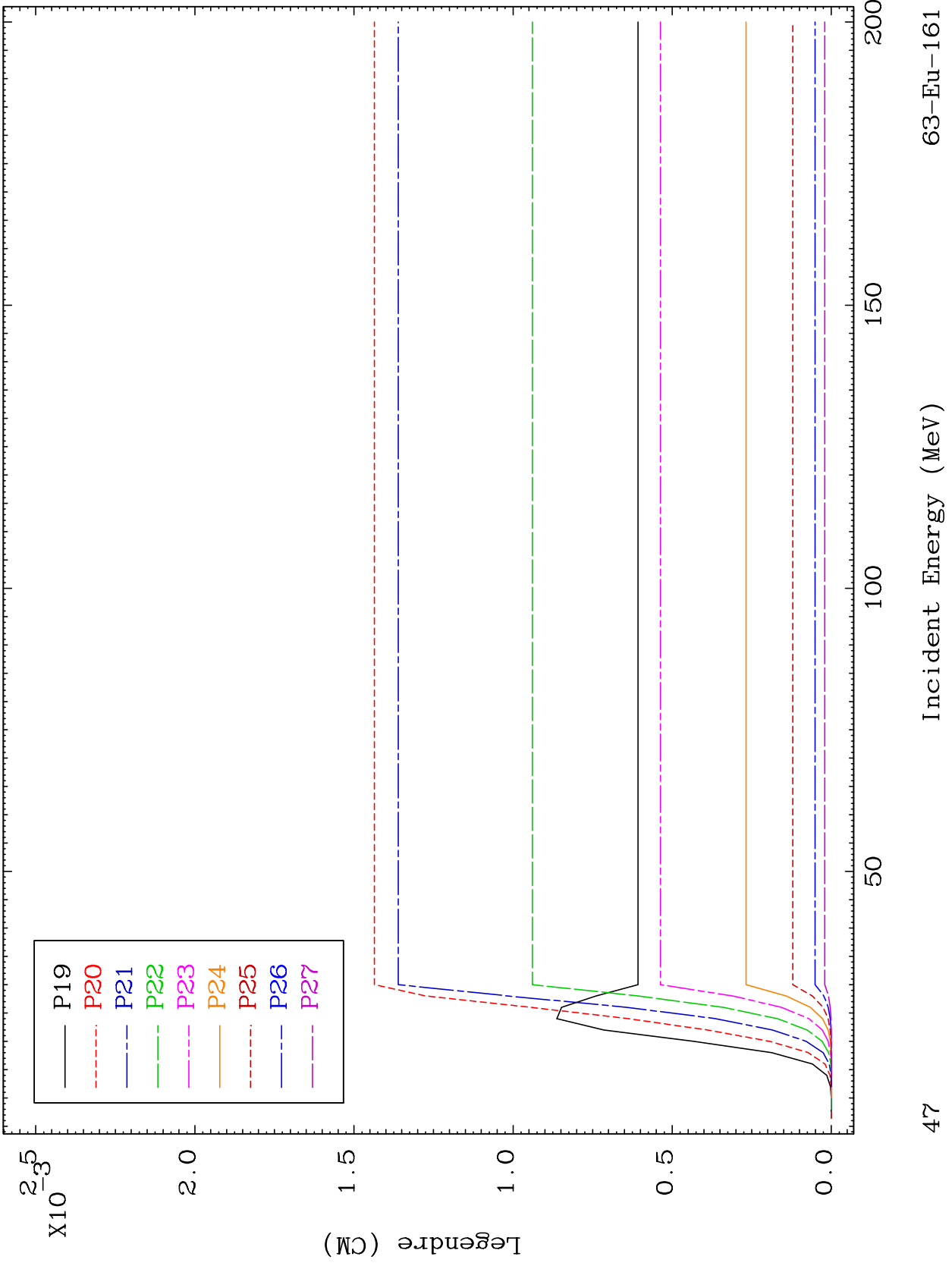
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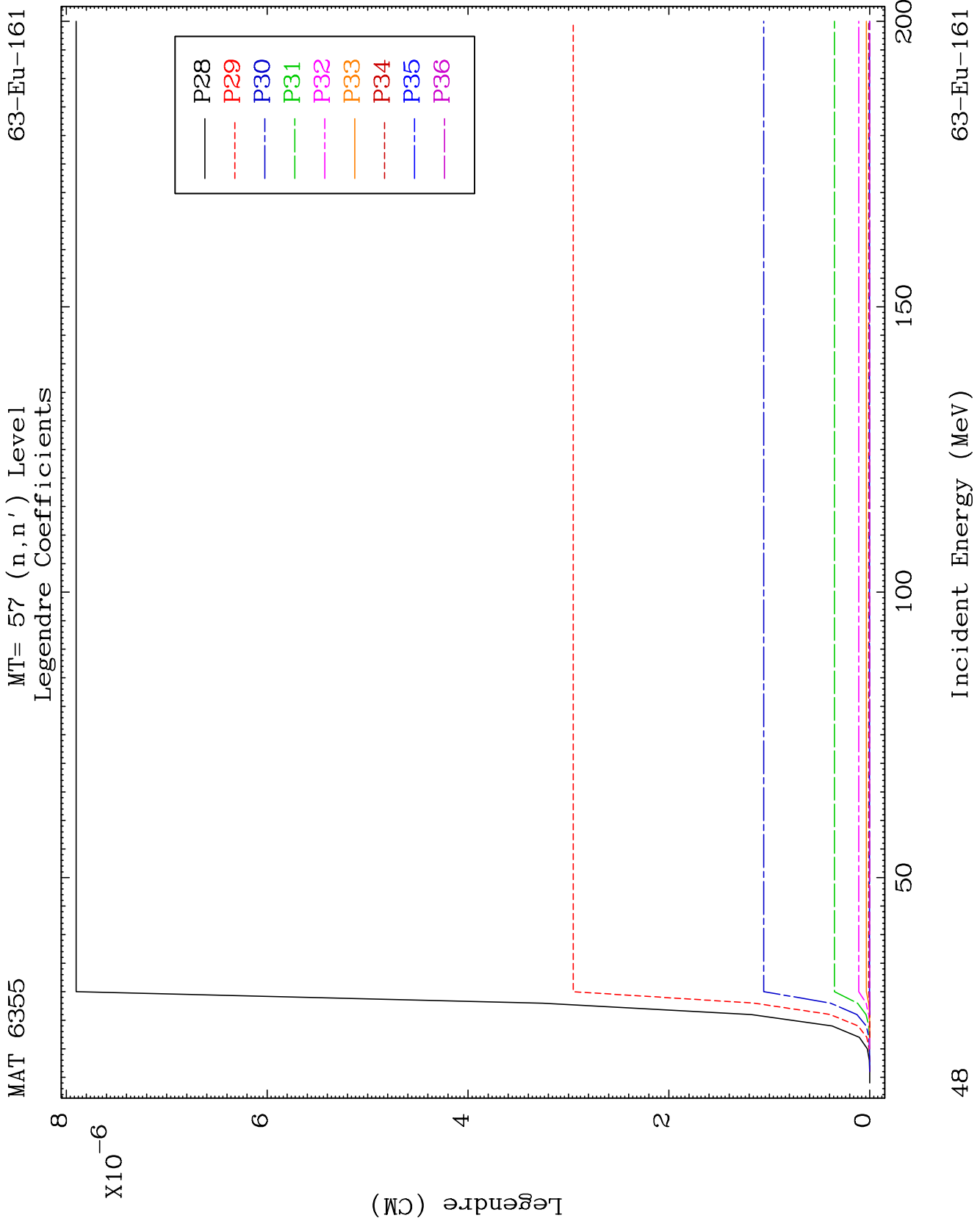


46

Incident Energy (MeV)

63-Eu-161

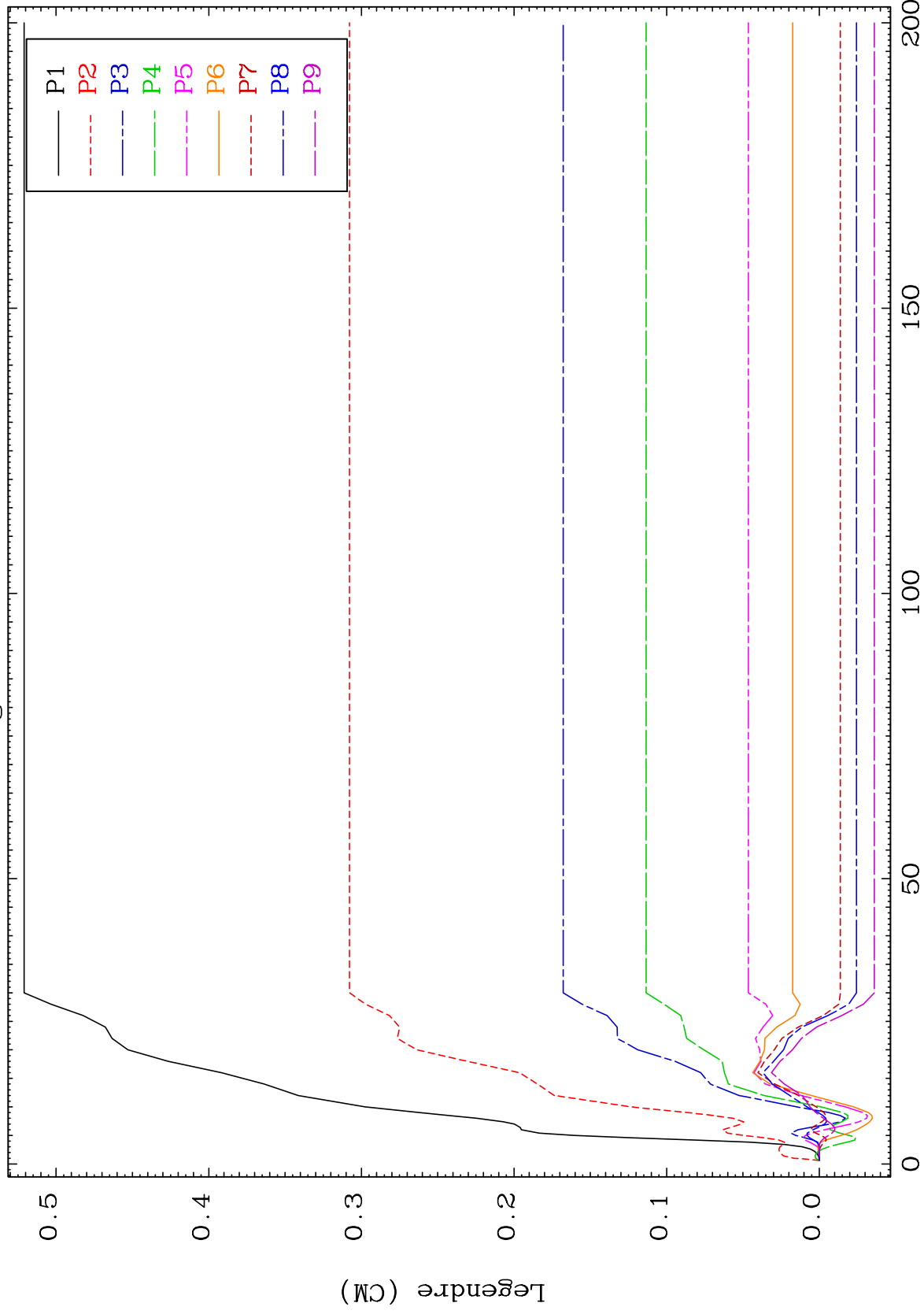




MAT 6355

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

63-Eu-161



49

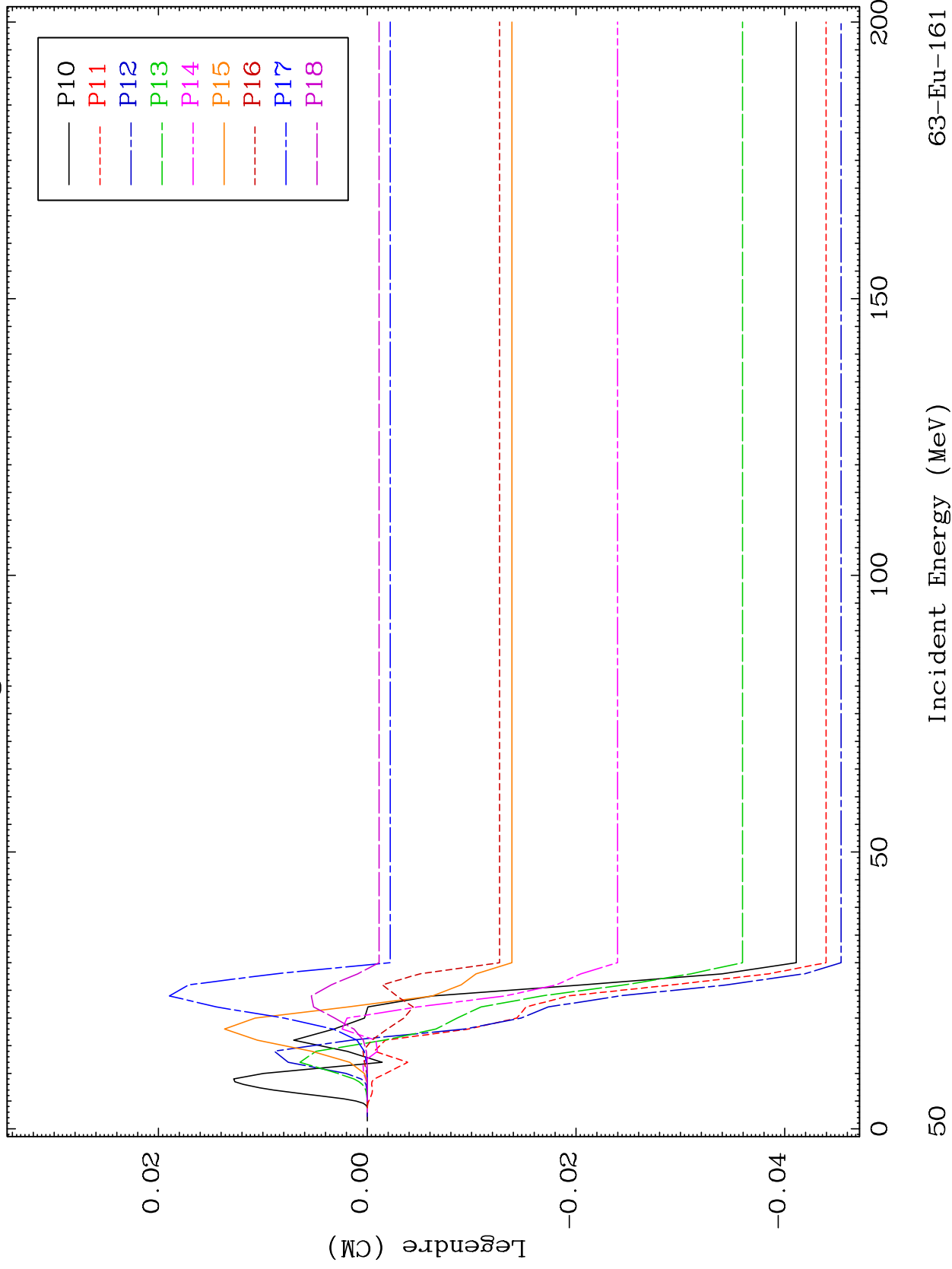
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

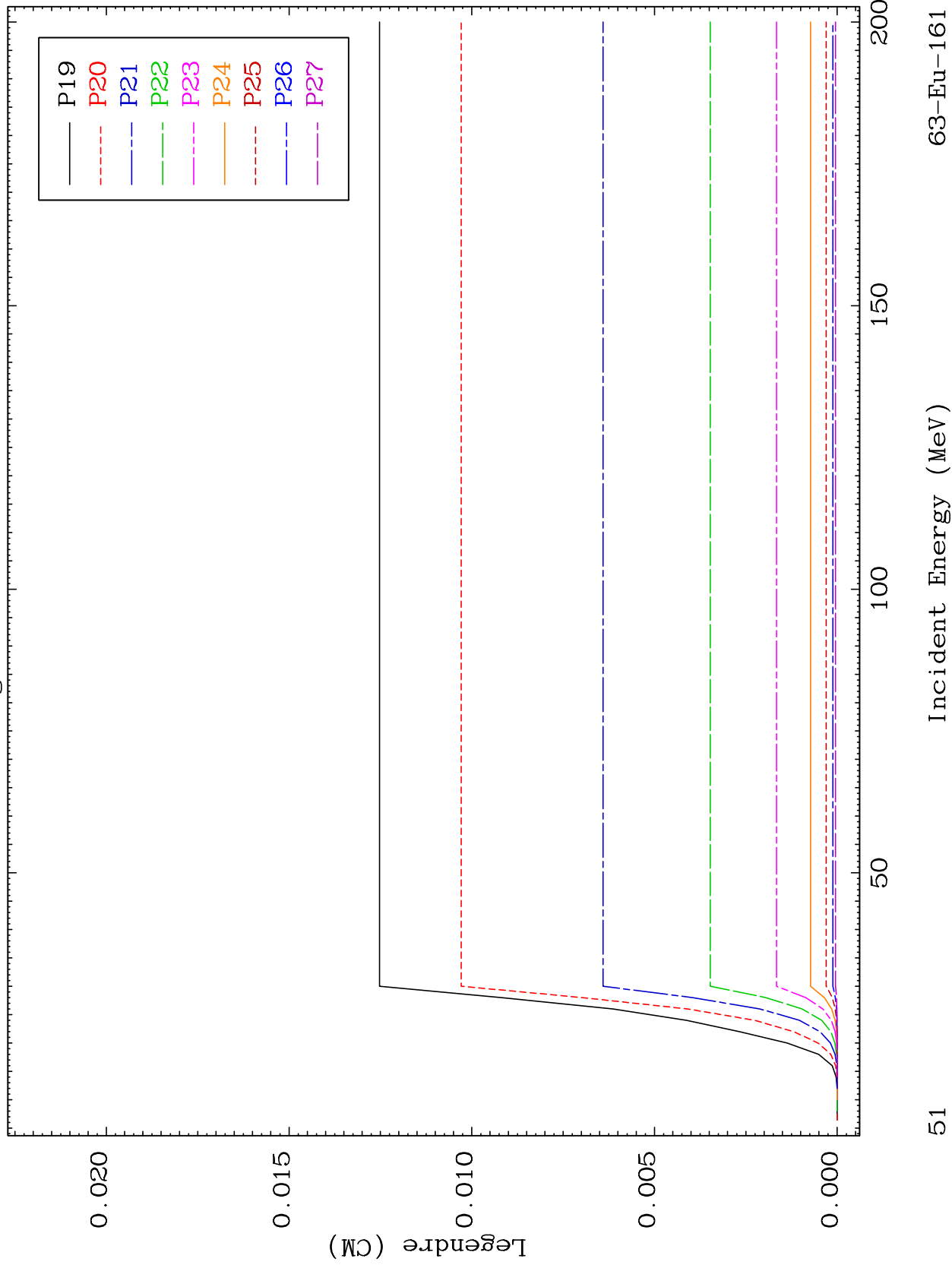
63-Eu-161



MAT 6355

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

63-Eu-161



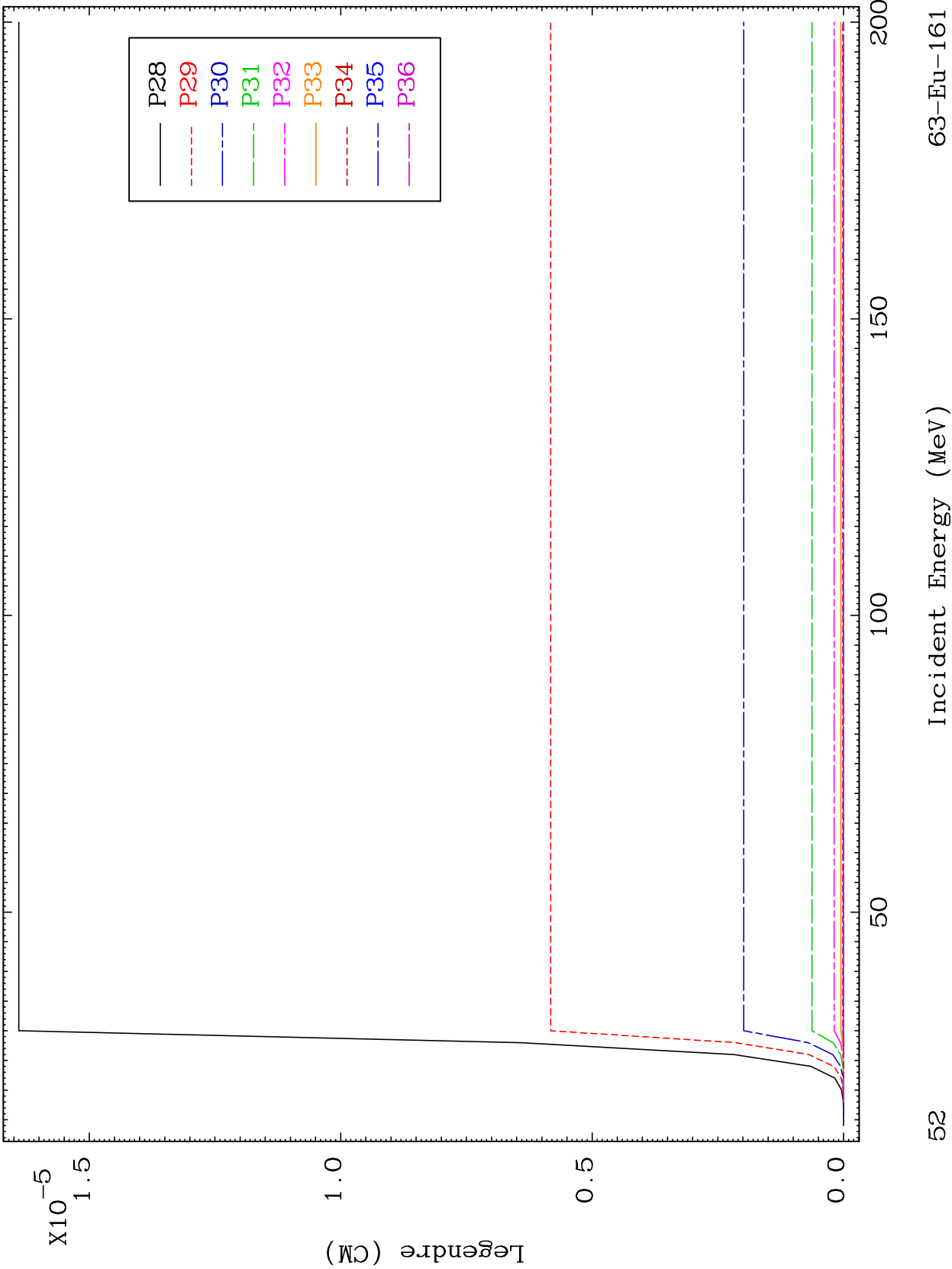
51

63-Eu-161

MAT 6355

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

63-Eu-161

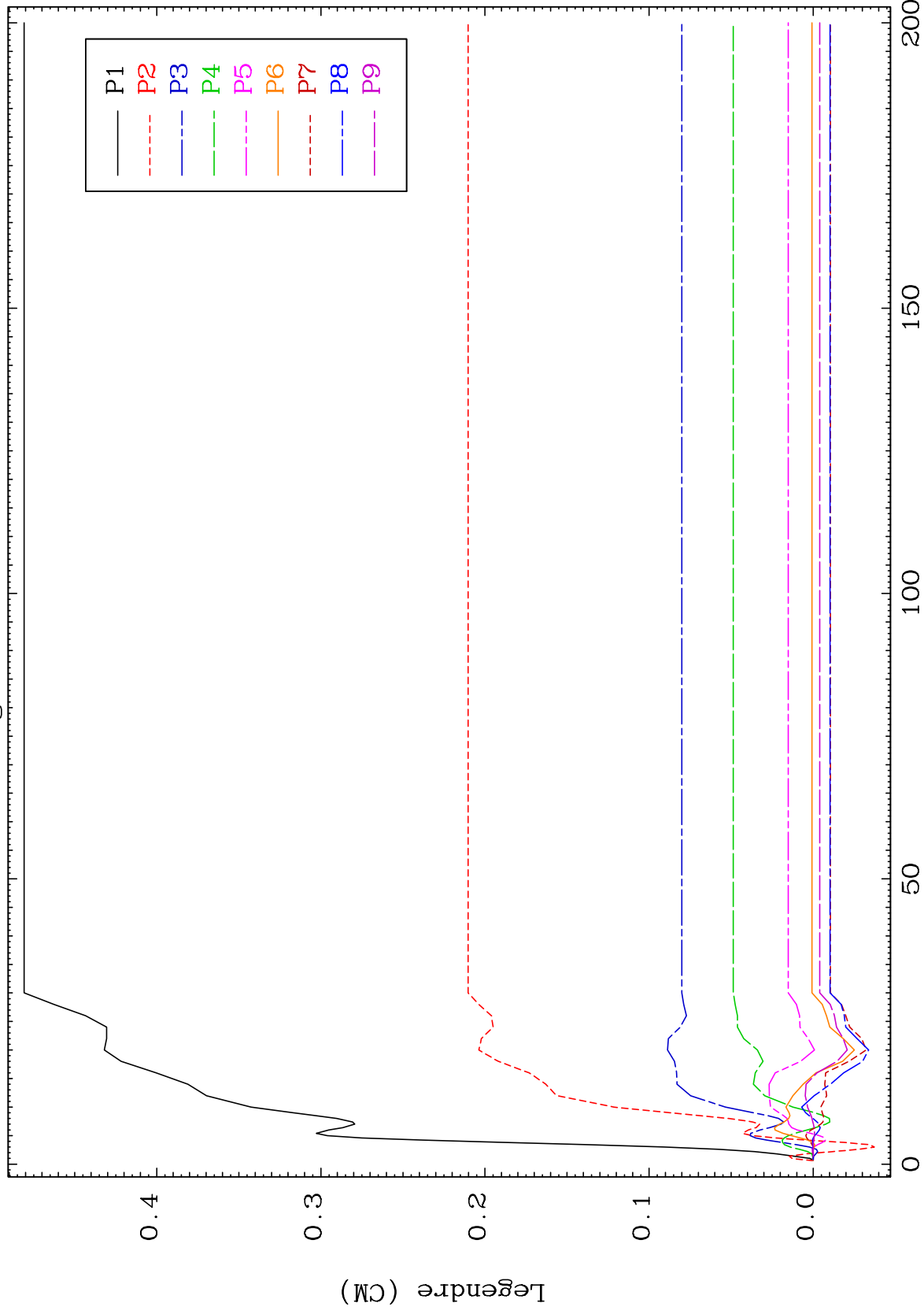


52

MAT 6355

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

63-Eu-161



63-Eu-161

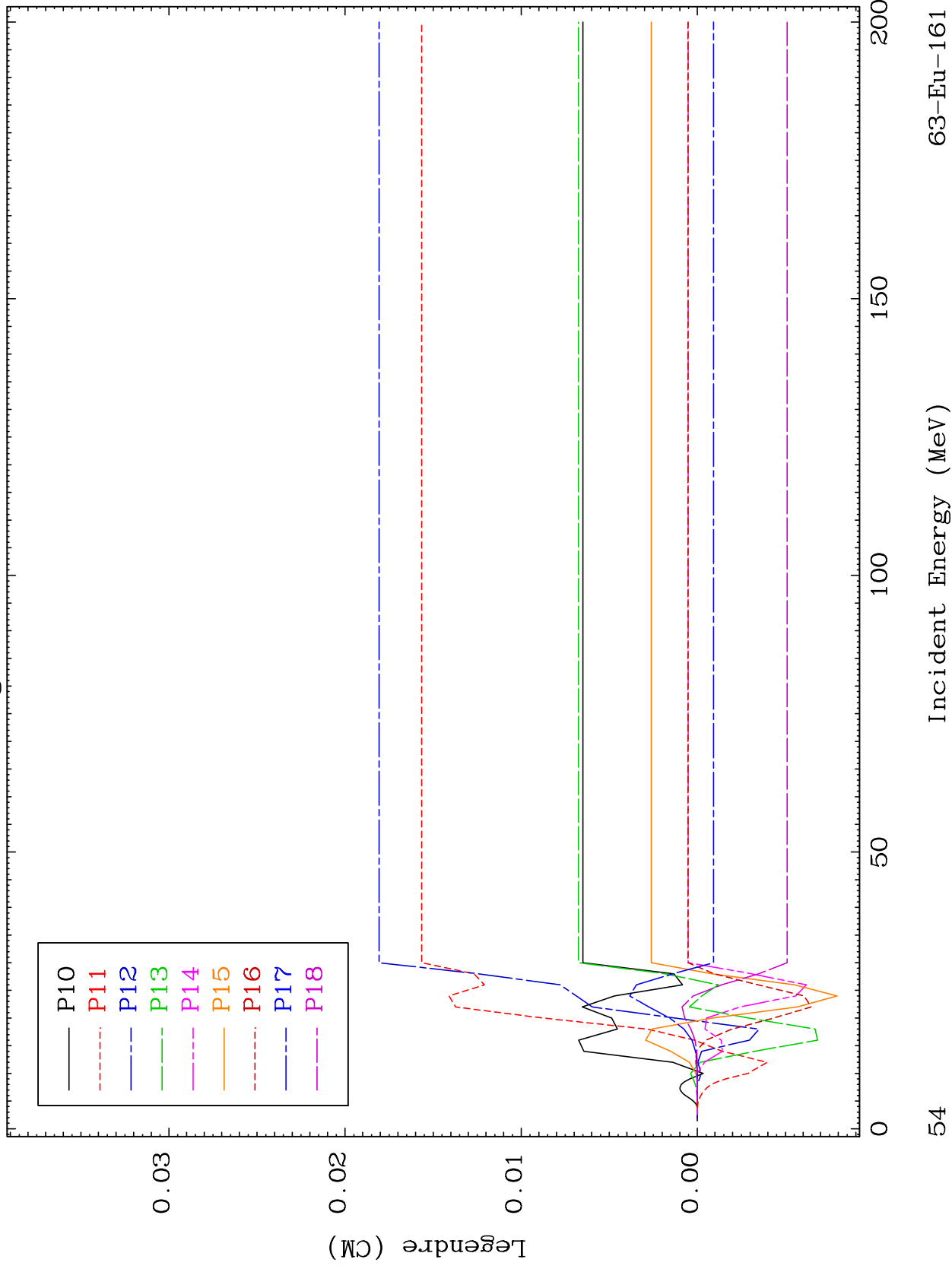
Incident Energy (MeV)

53

MAT 6355

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

63-Eu-161



54

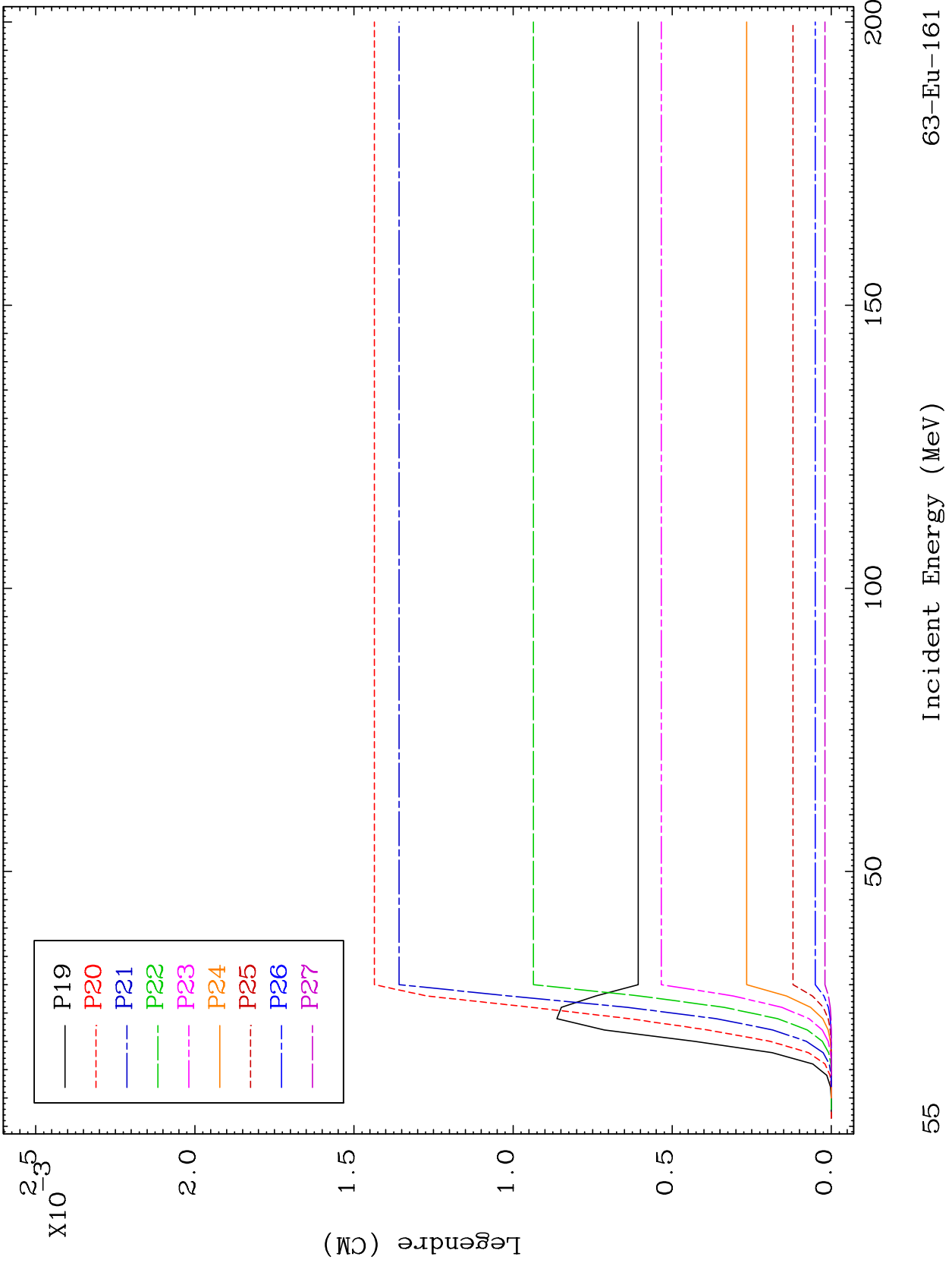
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



55

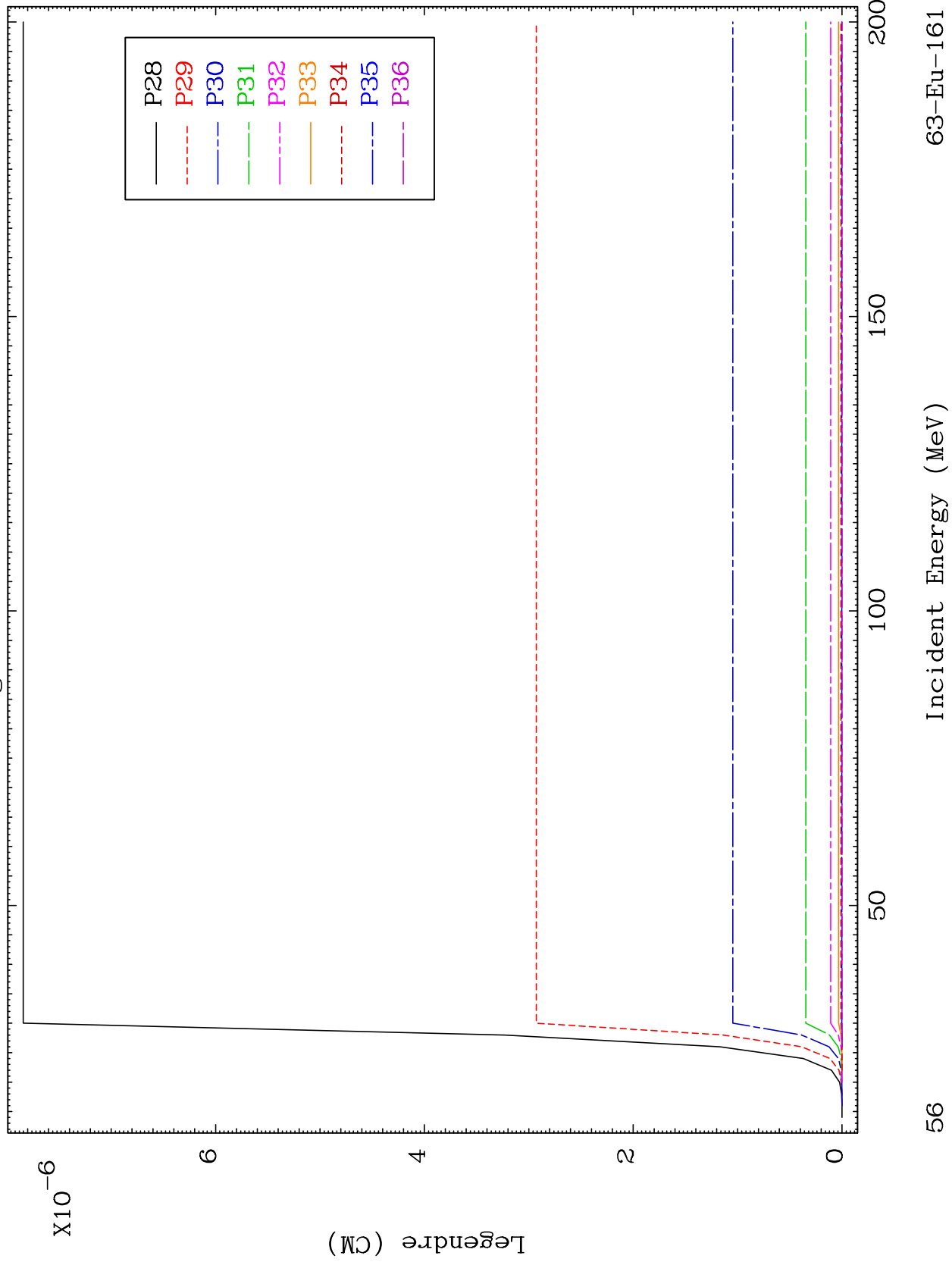
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



56

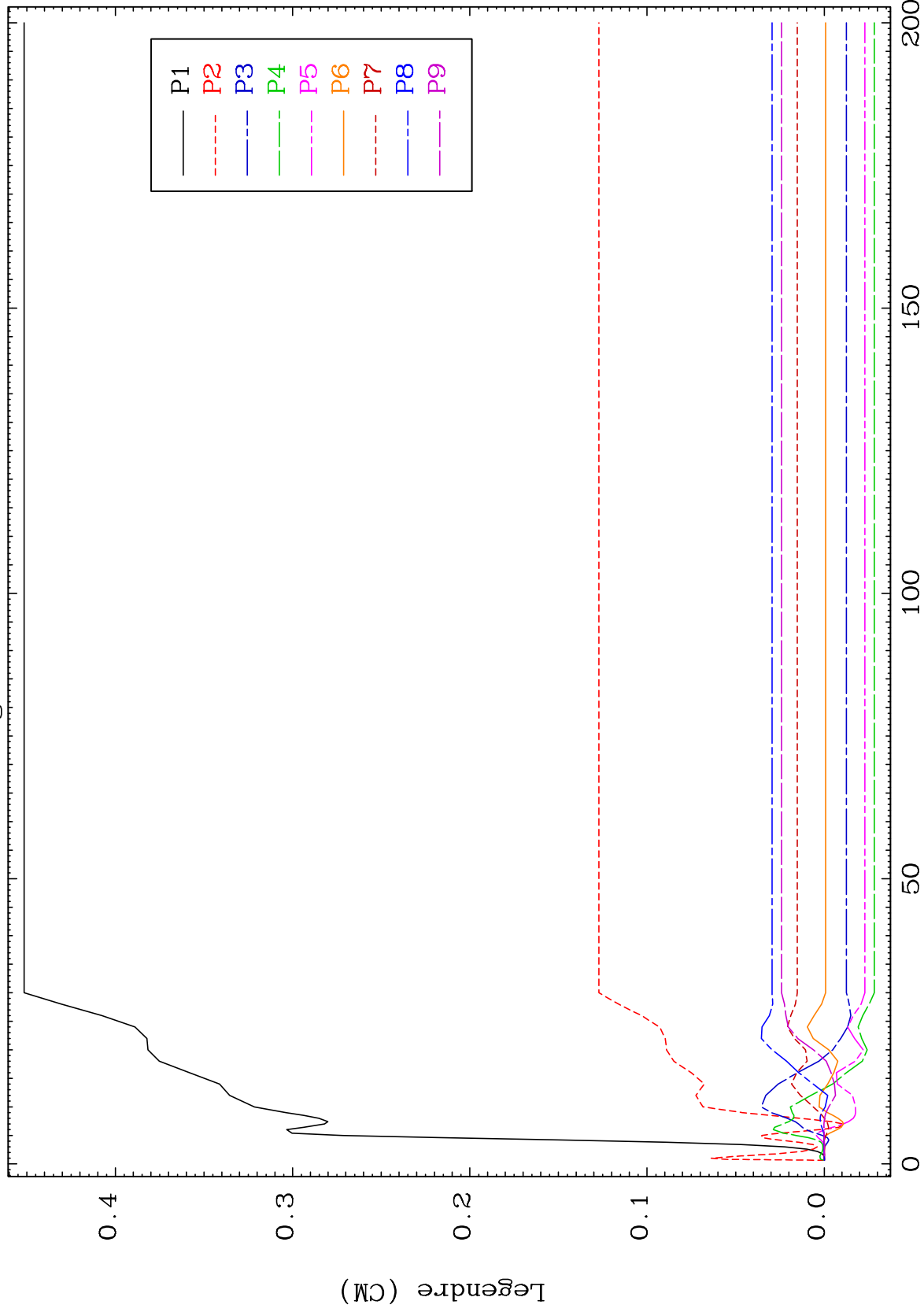
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



57

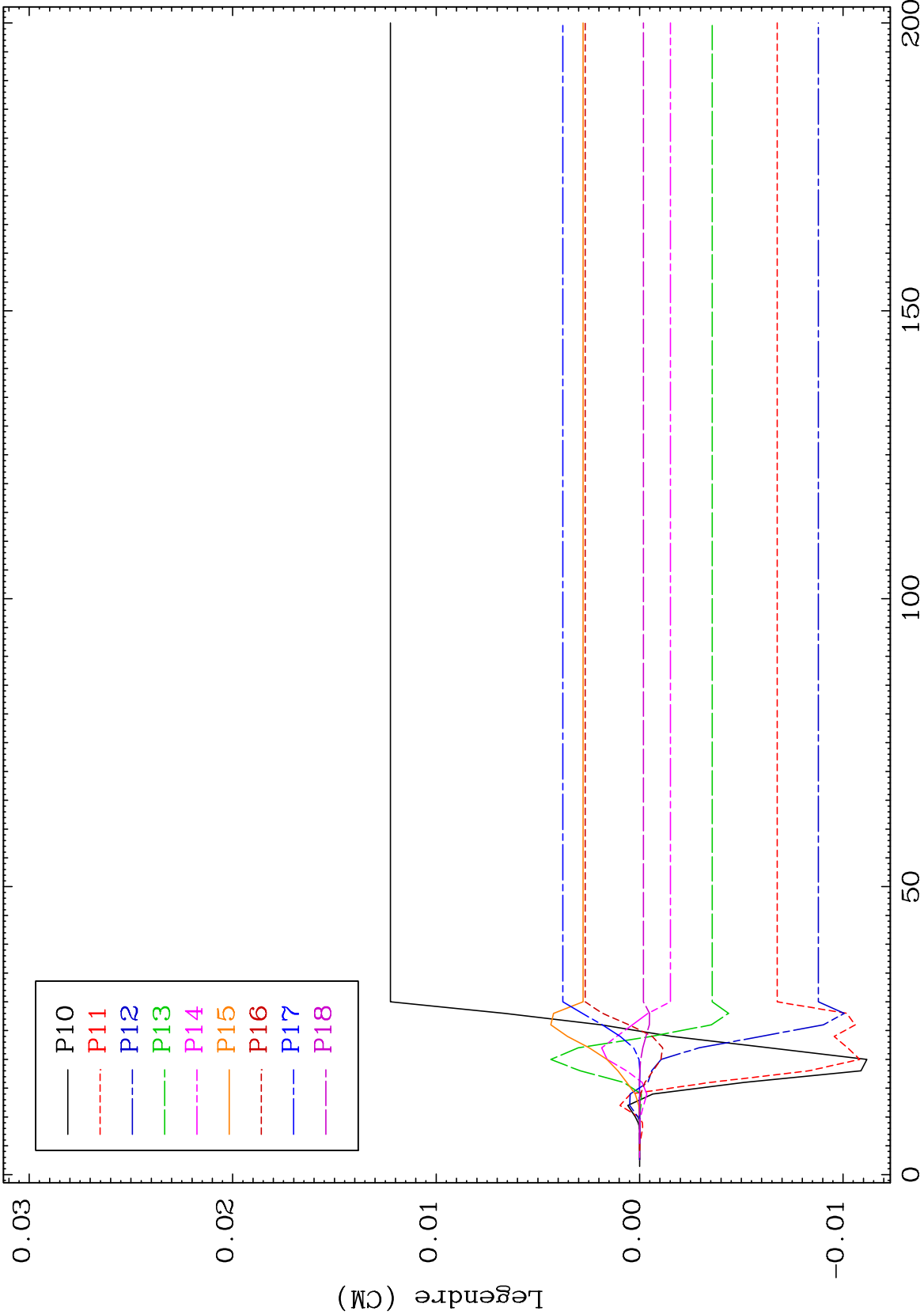
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

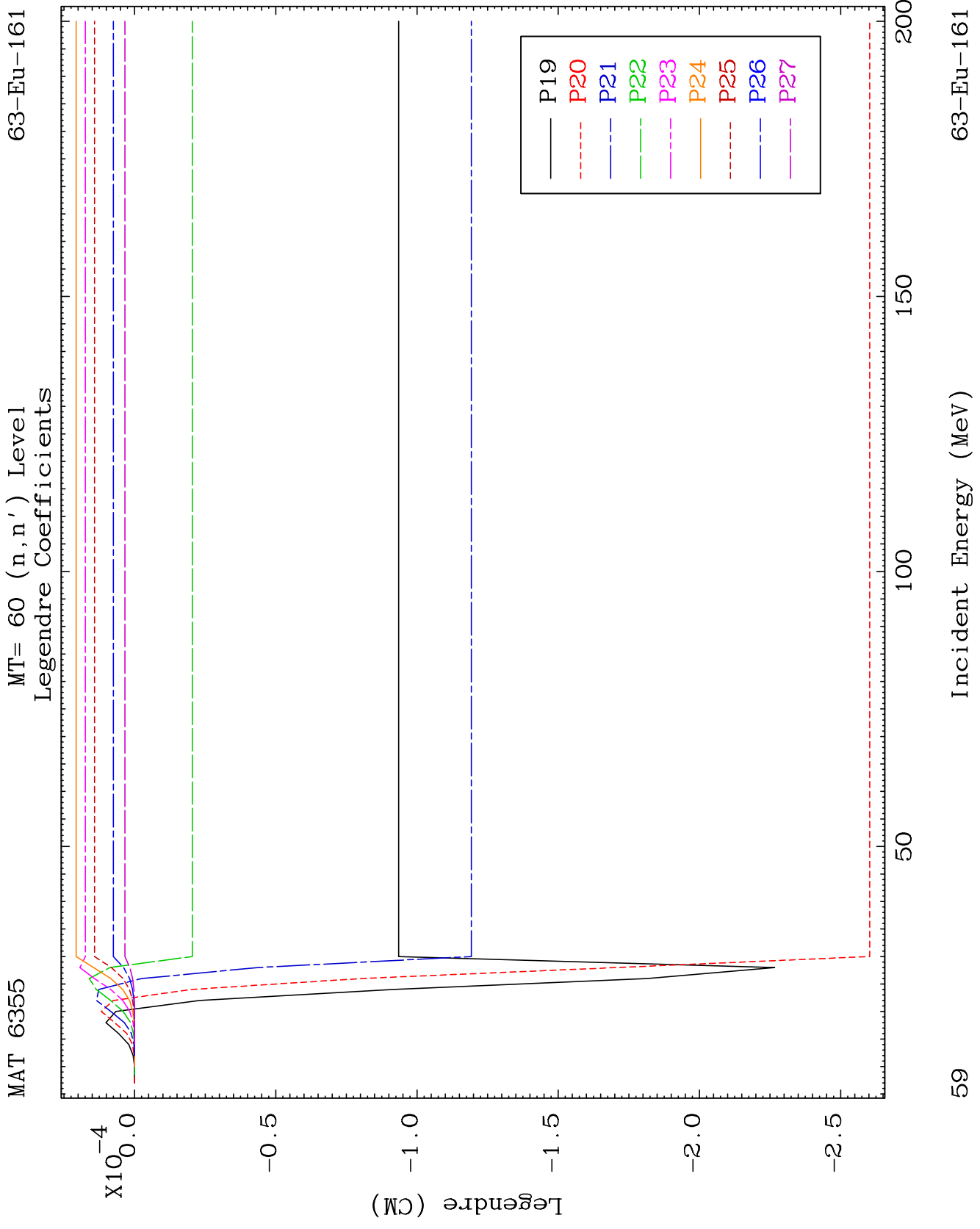
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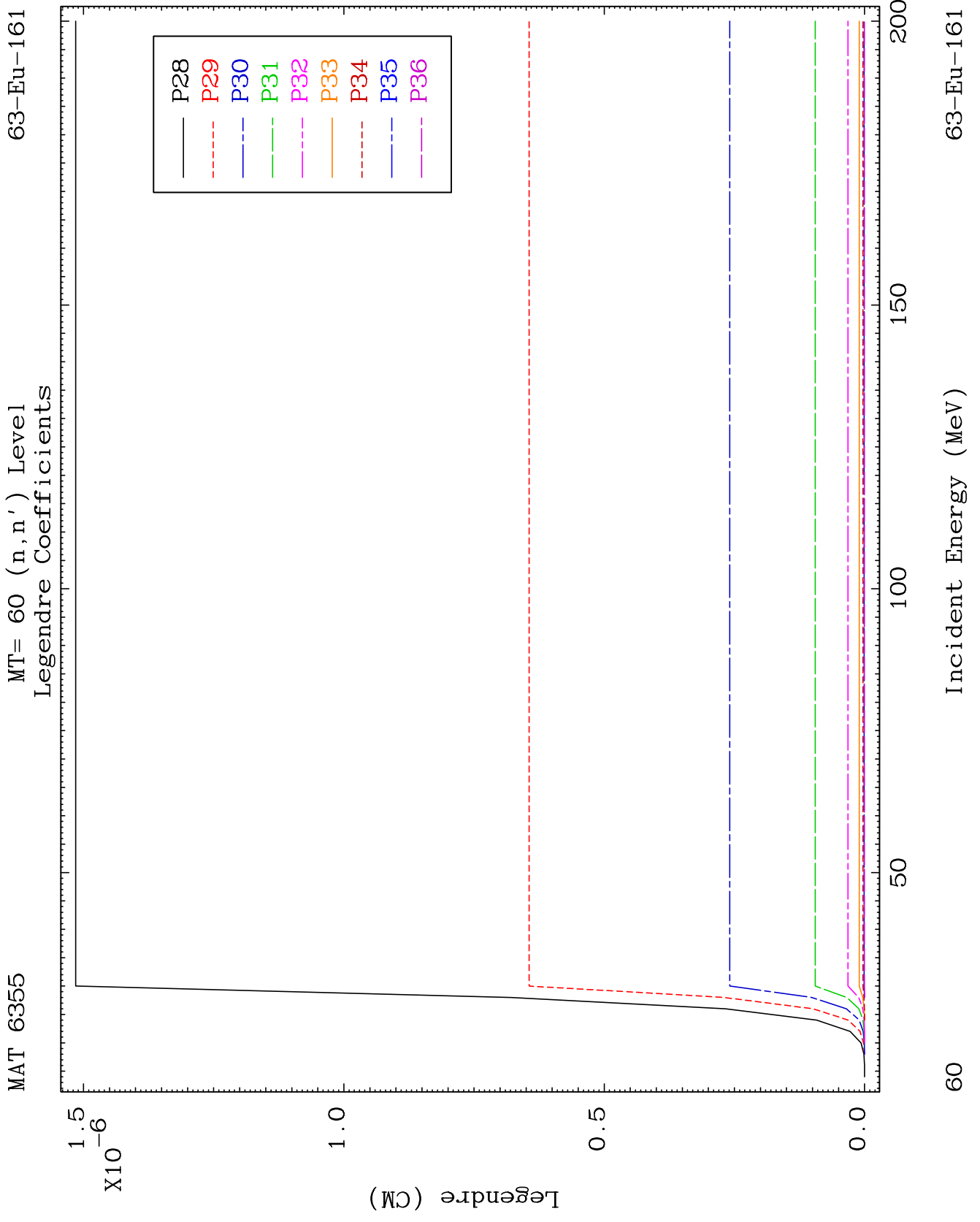


58

Incident Energy (MeV)

63-Eu-161

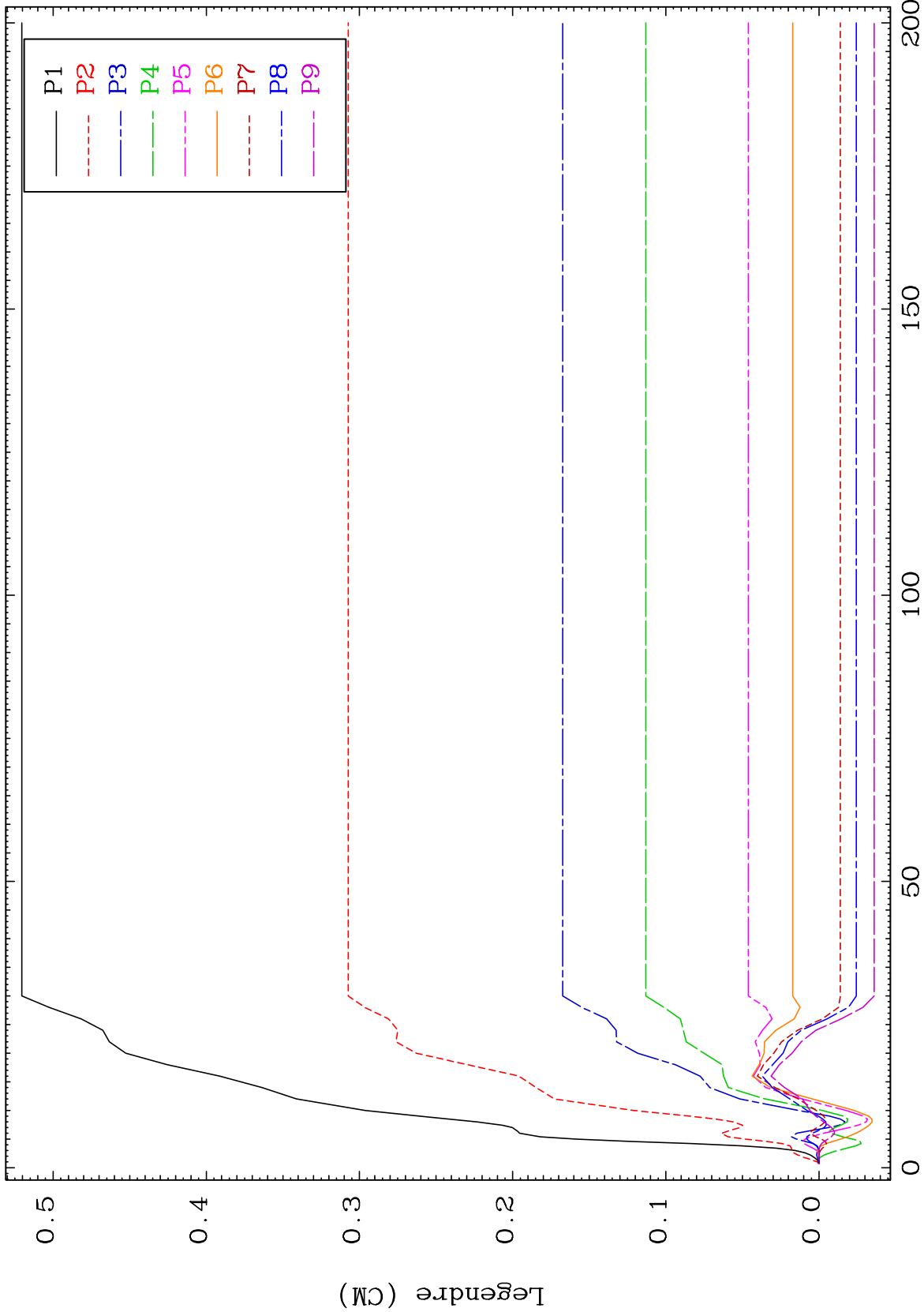




MAT 6355

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

63-Eu-161



63-Eu-161

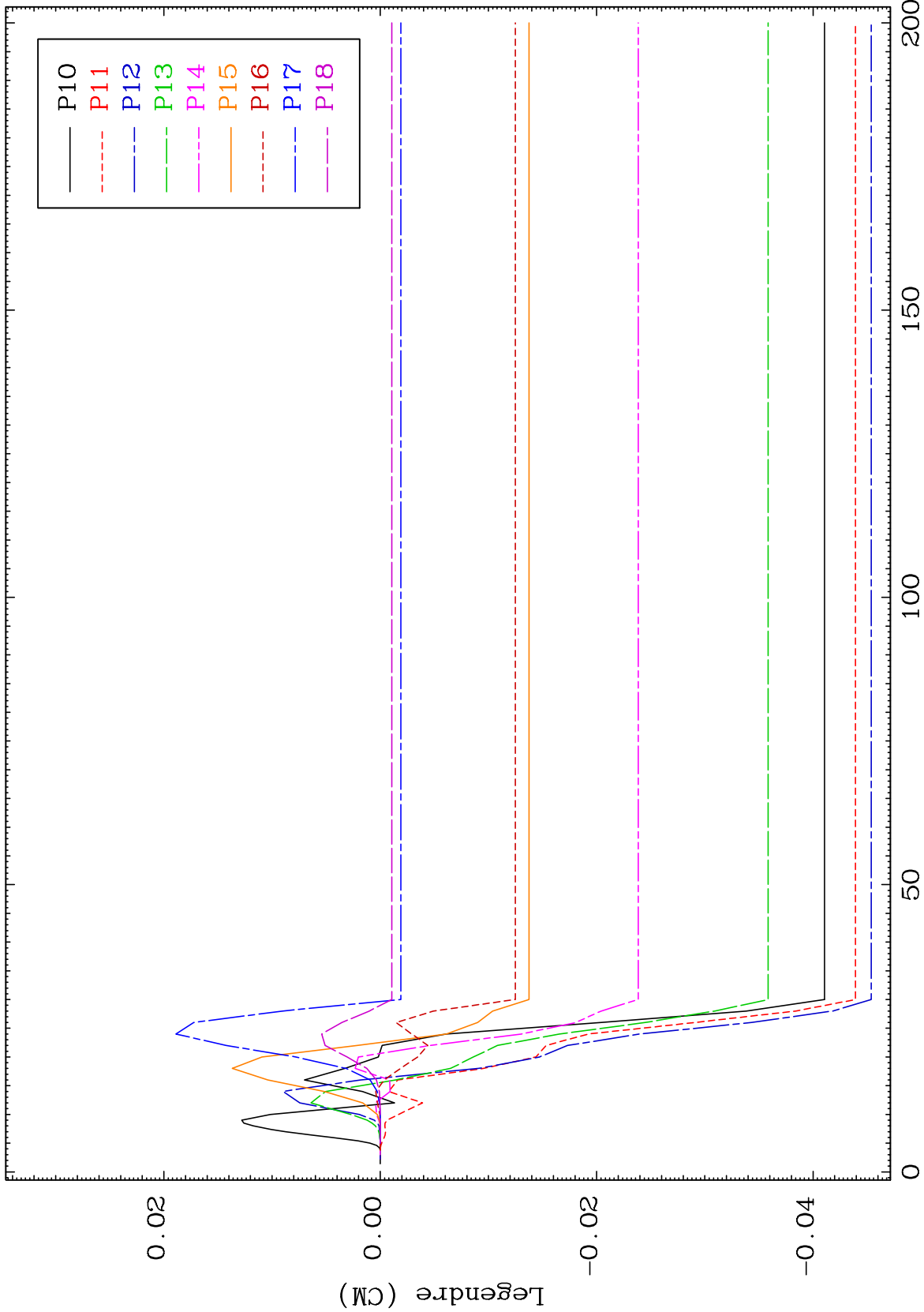
Incident Energy (MeV)

61

MAT 6355

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

63-Eu-161



63-Eu-161

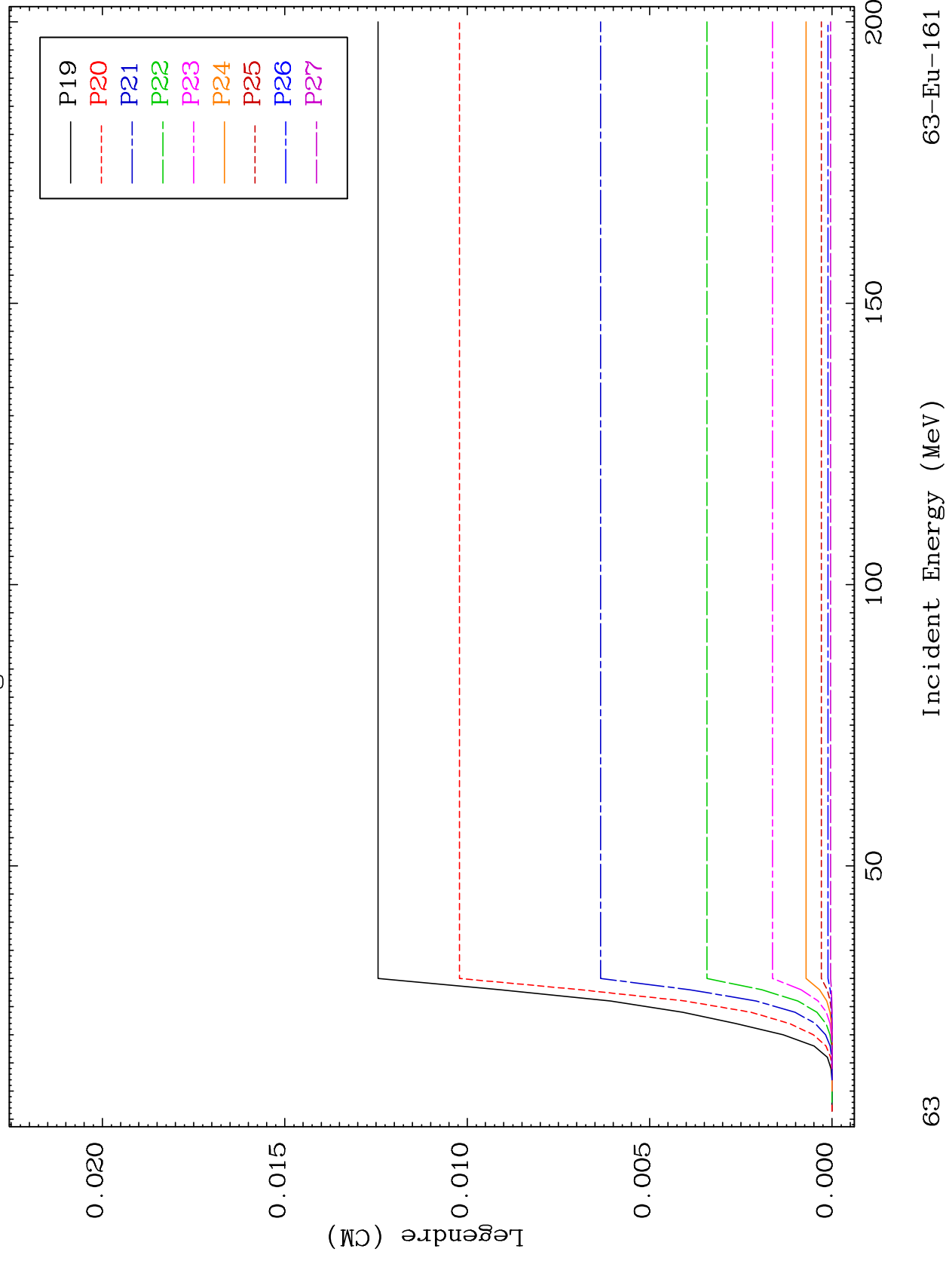
Incident Energy (MeV)

62

MAT 6355

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

63-Eu-161



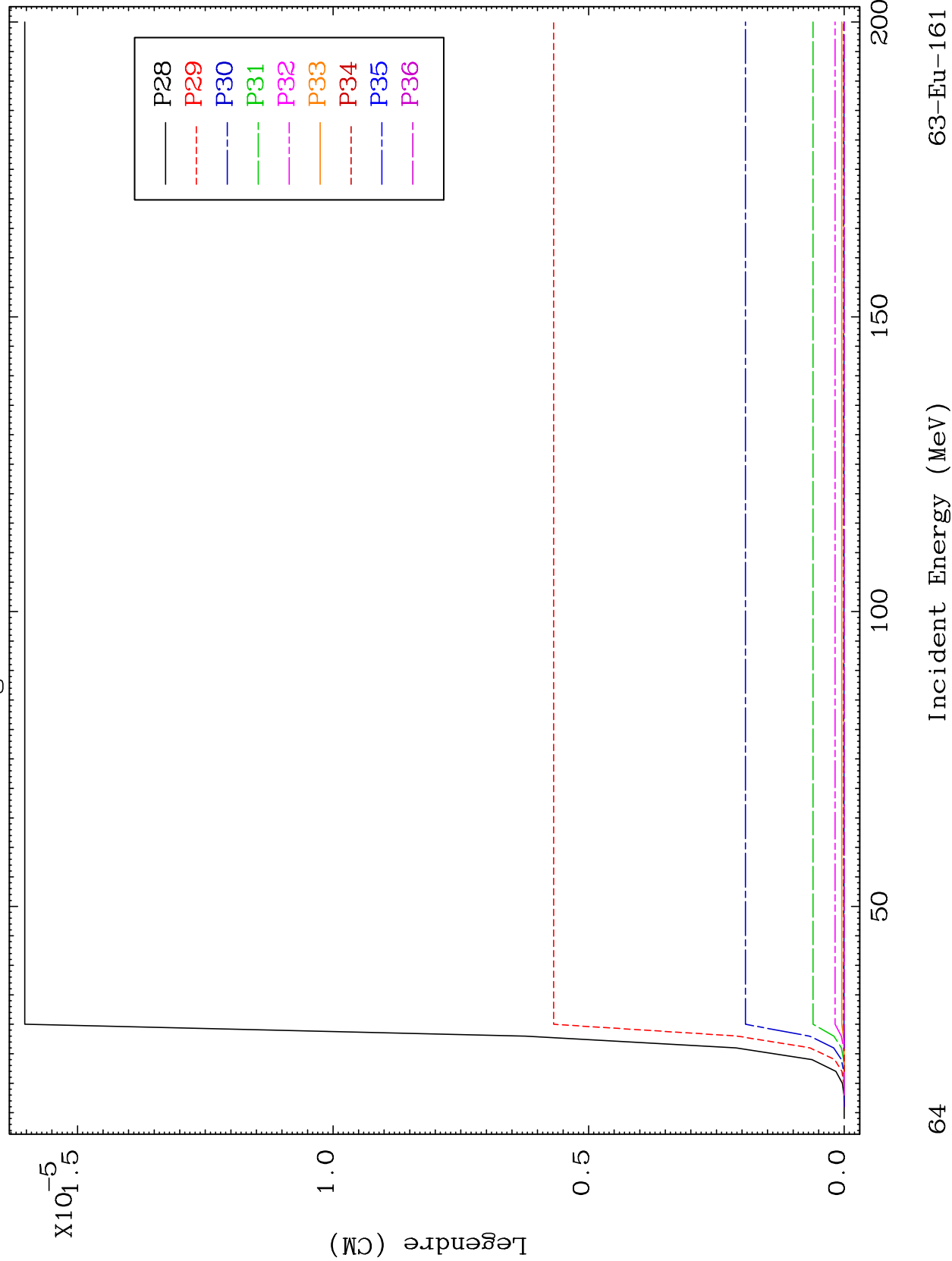
63

63-Eu-161

MAT 6355

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

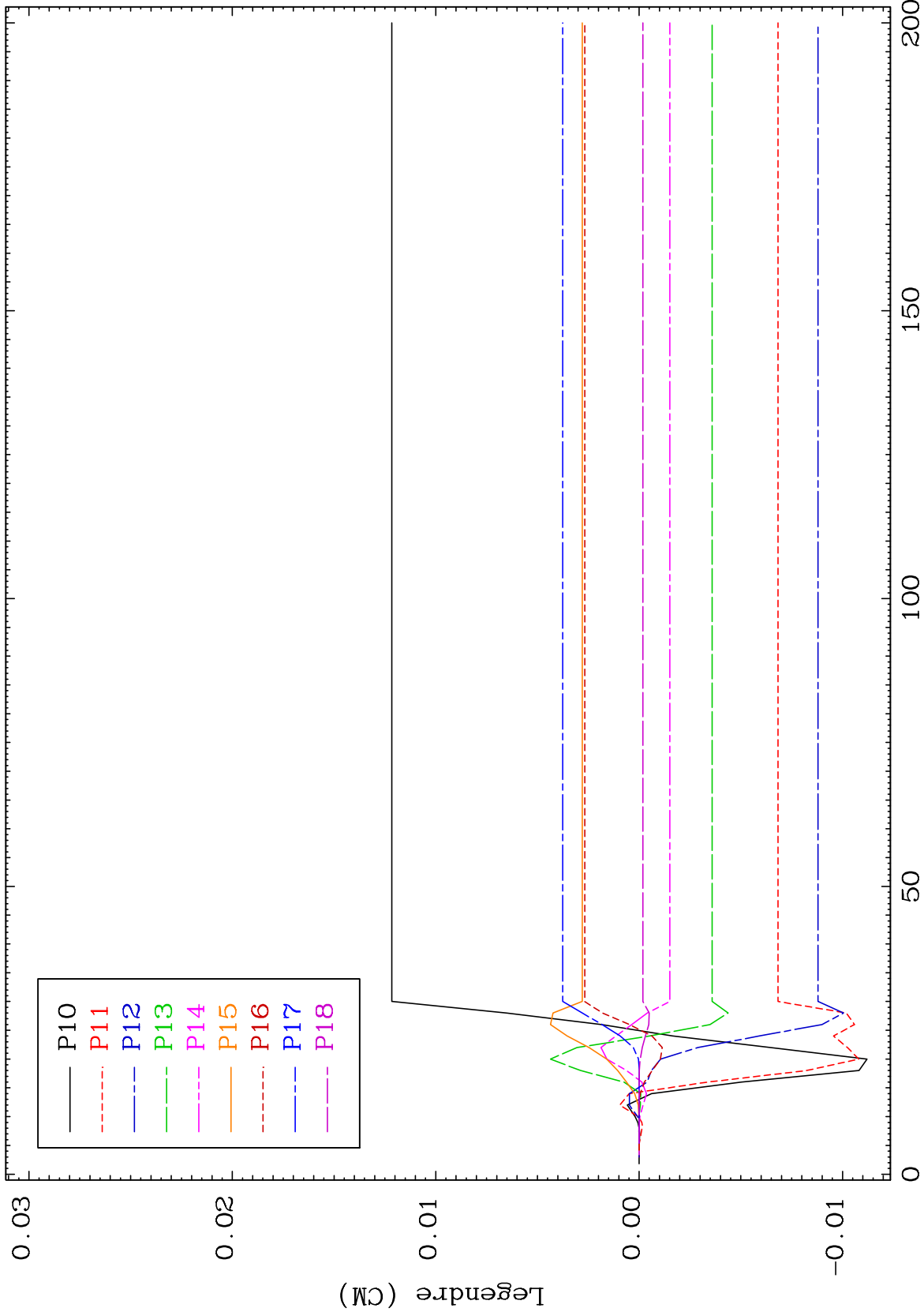
63-Eu-161



MAT 6355

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

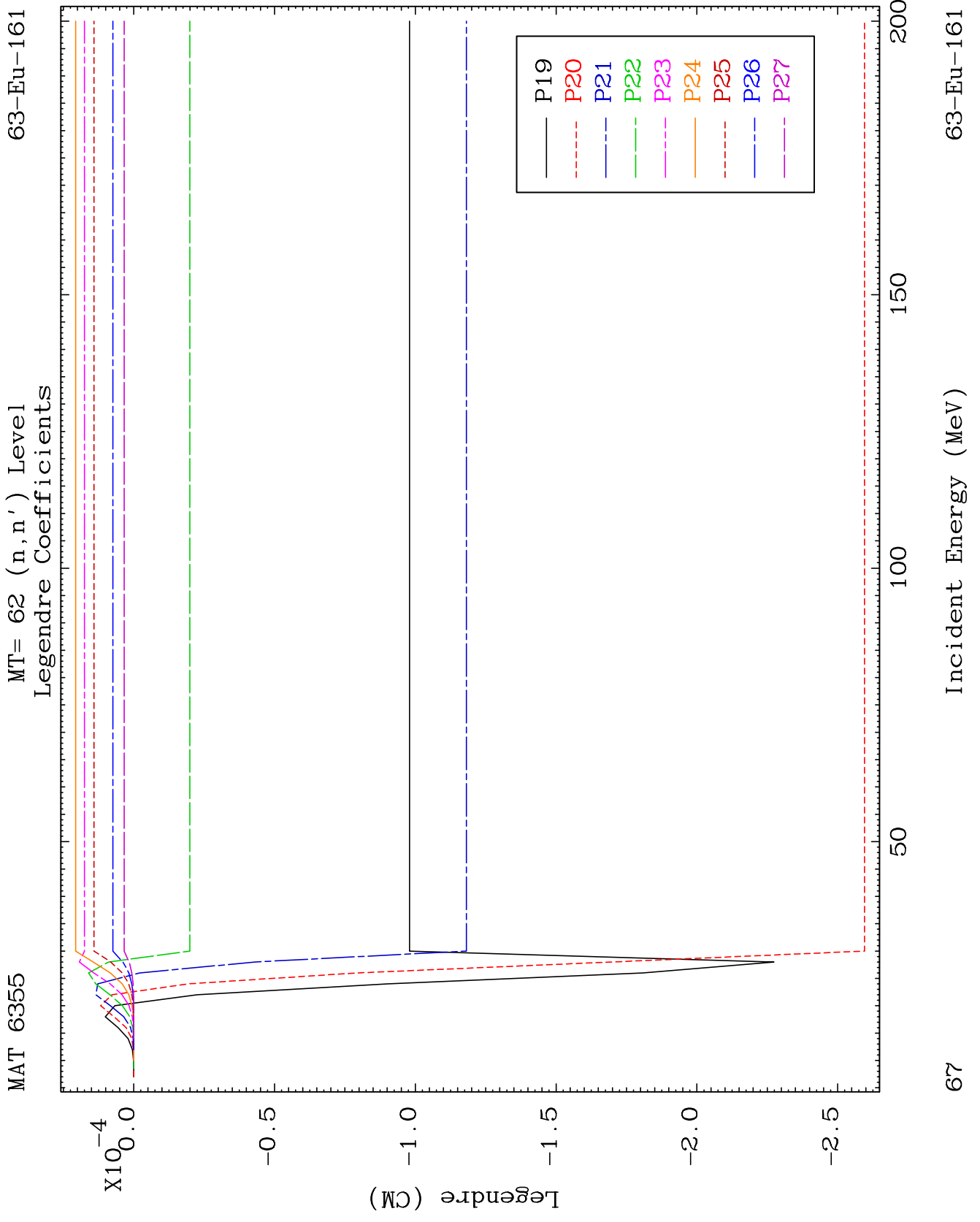
63-Eu-161



66

Incident Energy (MeV)

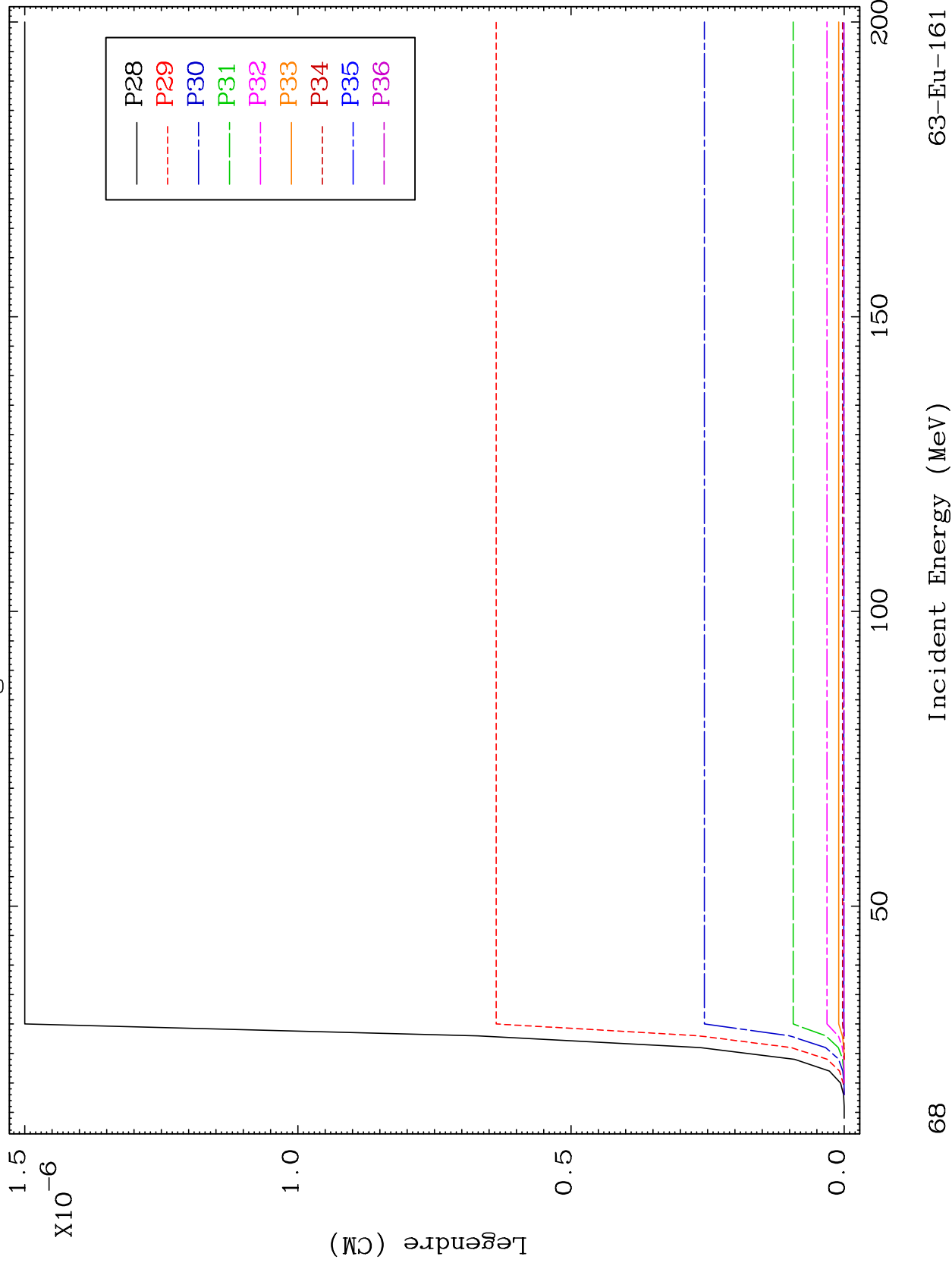
63-Eu-161



MAT 6355

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

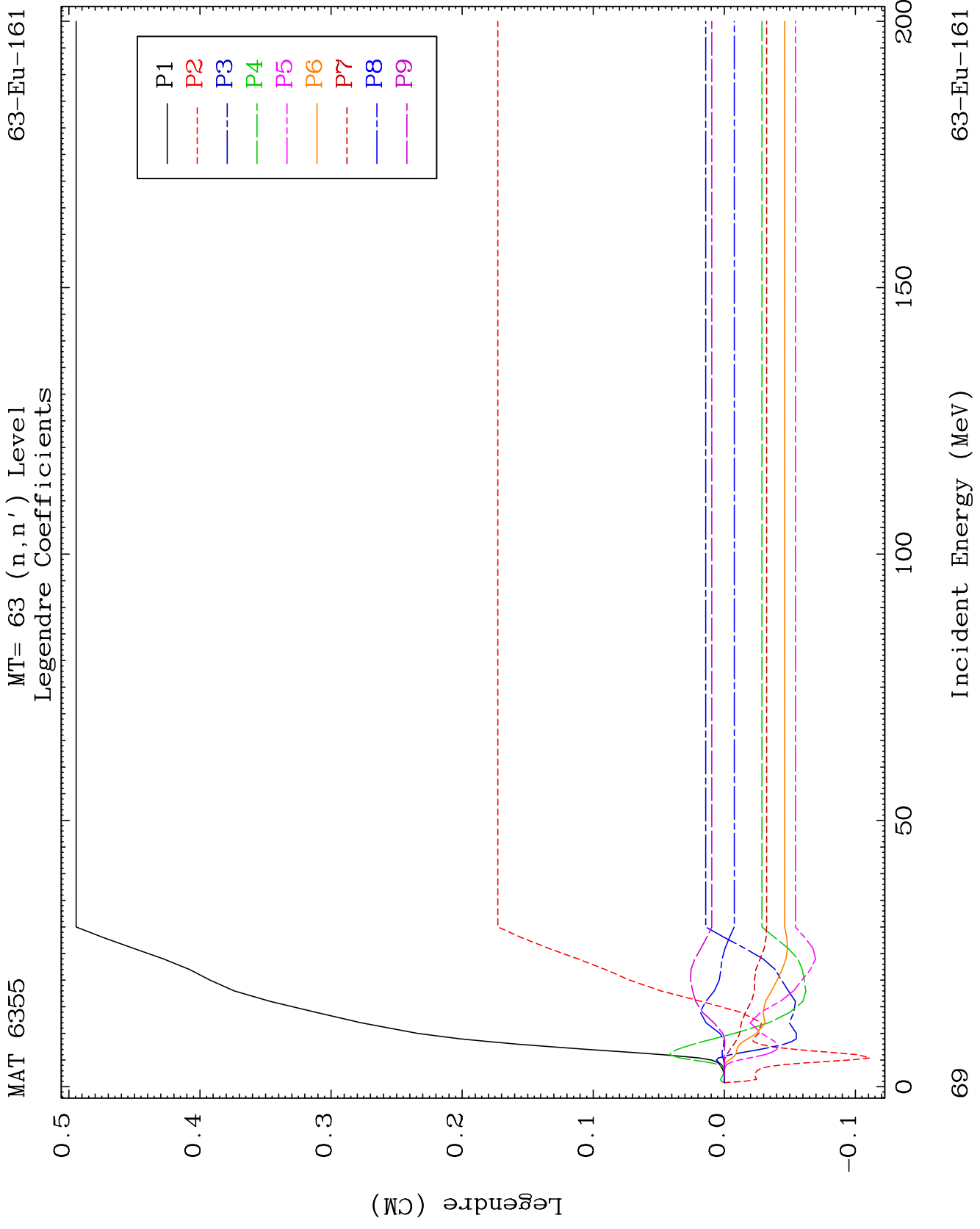
63-Eu-161



68

Incident Energy (MeV)

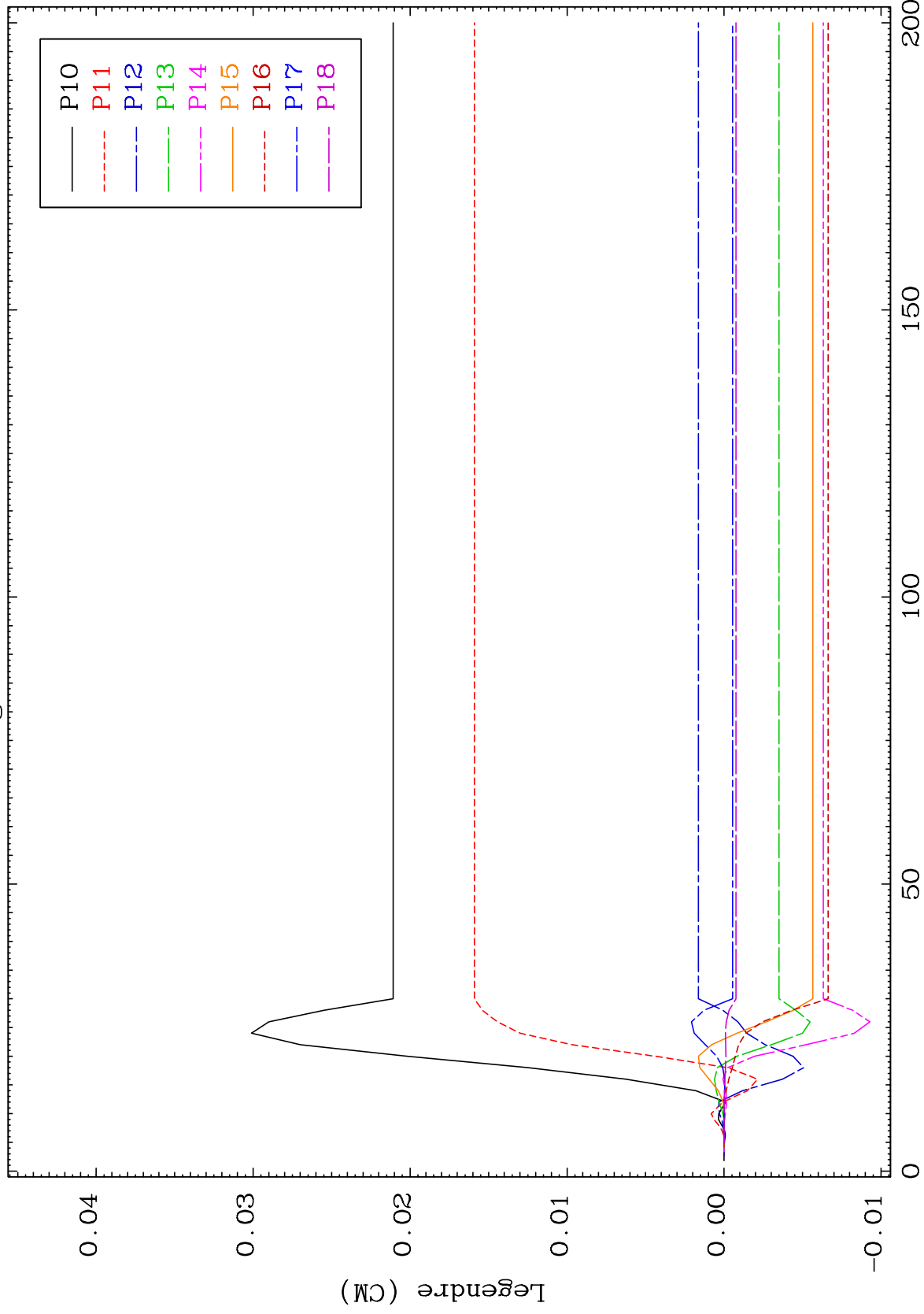
63-Eu-161



MAT 6355

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

63-Eu-161



63-Eu-161

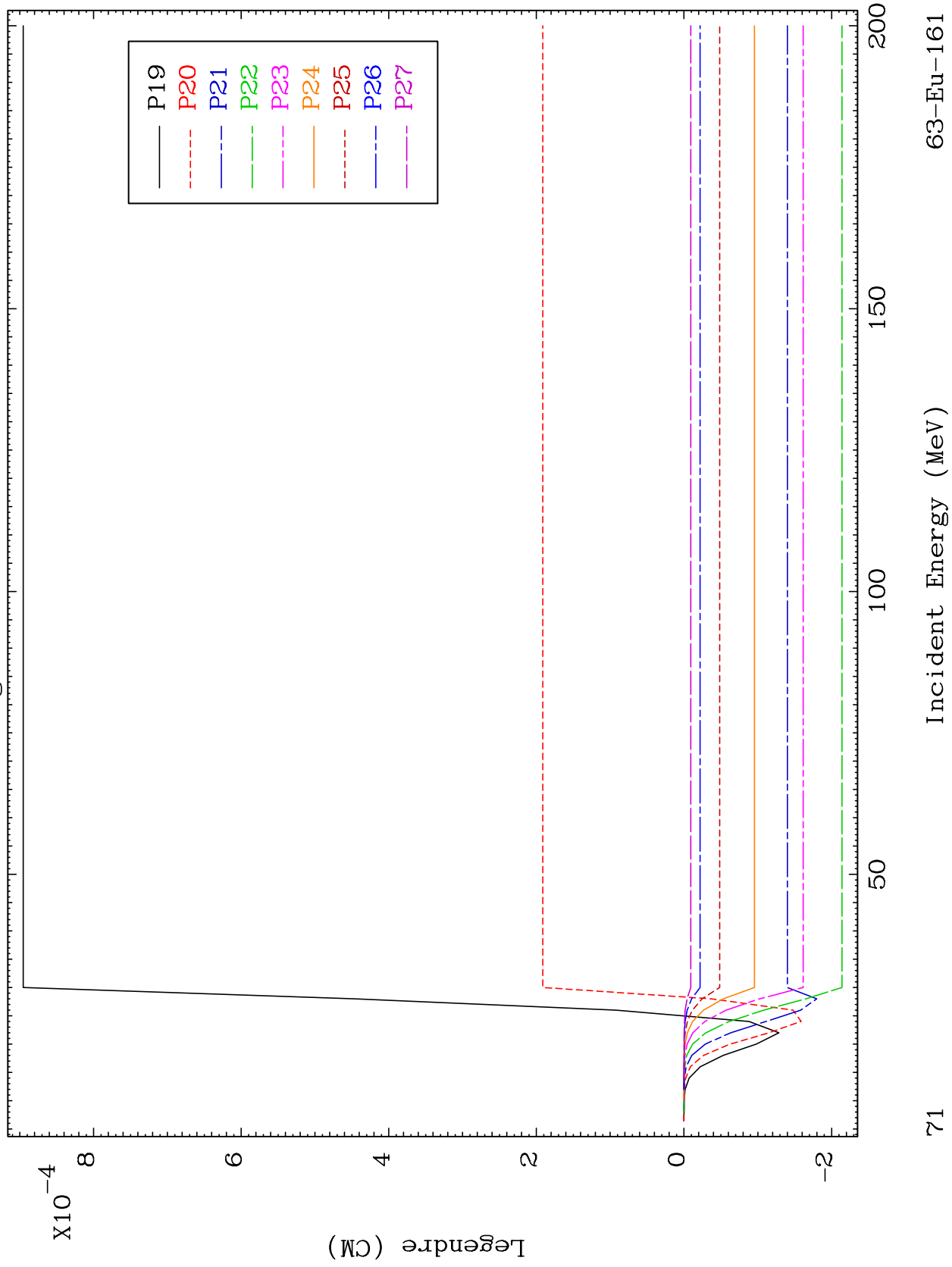
Incident Energy (MeV)

70

MAT 6355

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

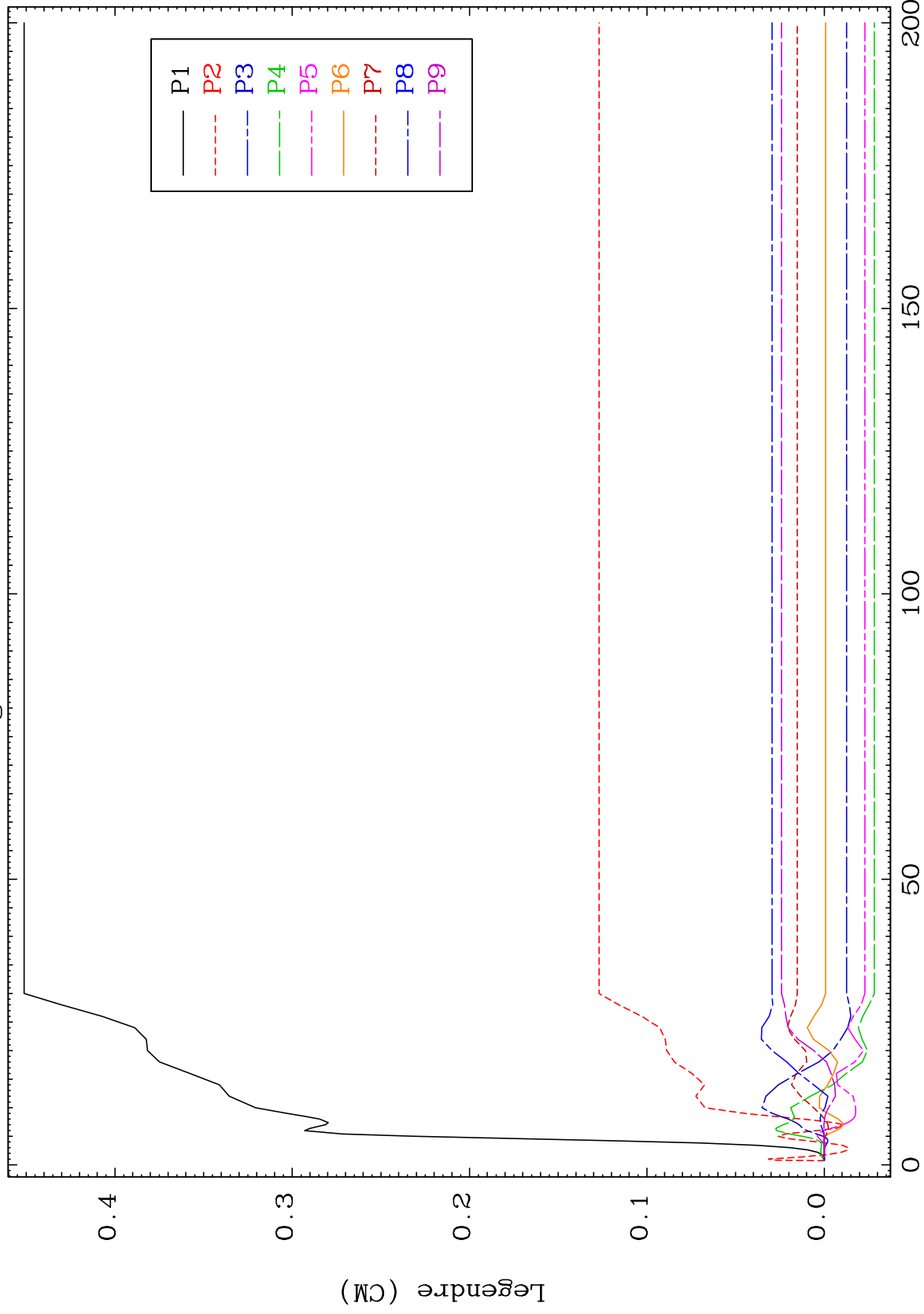
63-Eu-161



MAT 6355

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

63-Eu-161



73

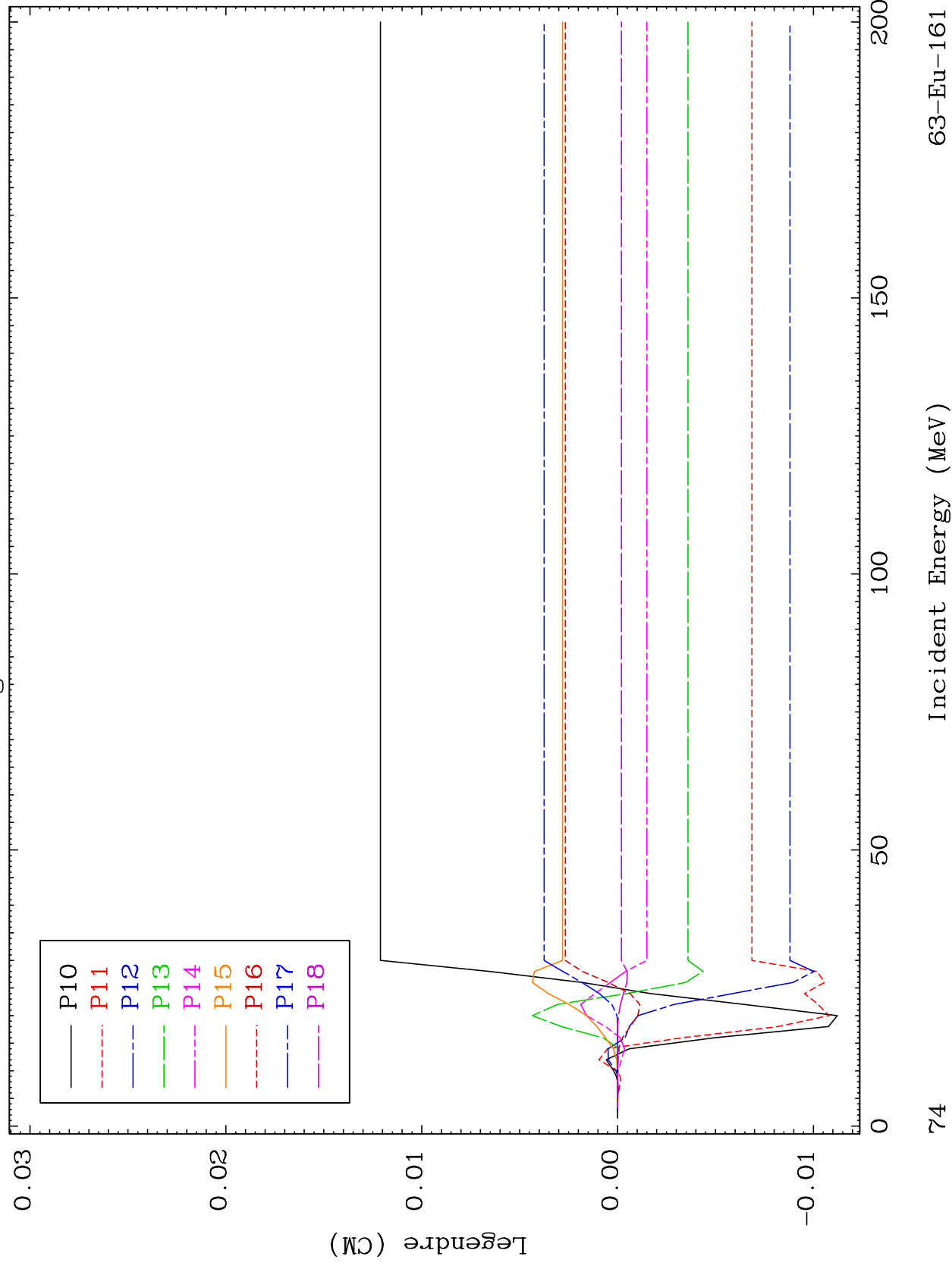
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

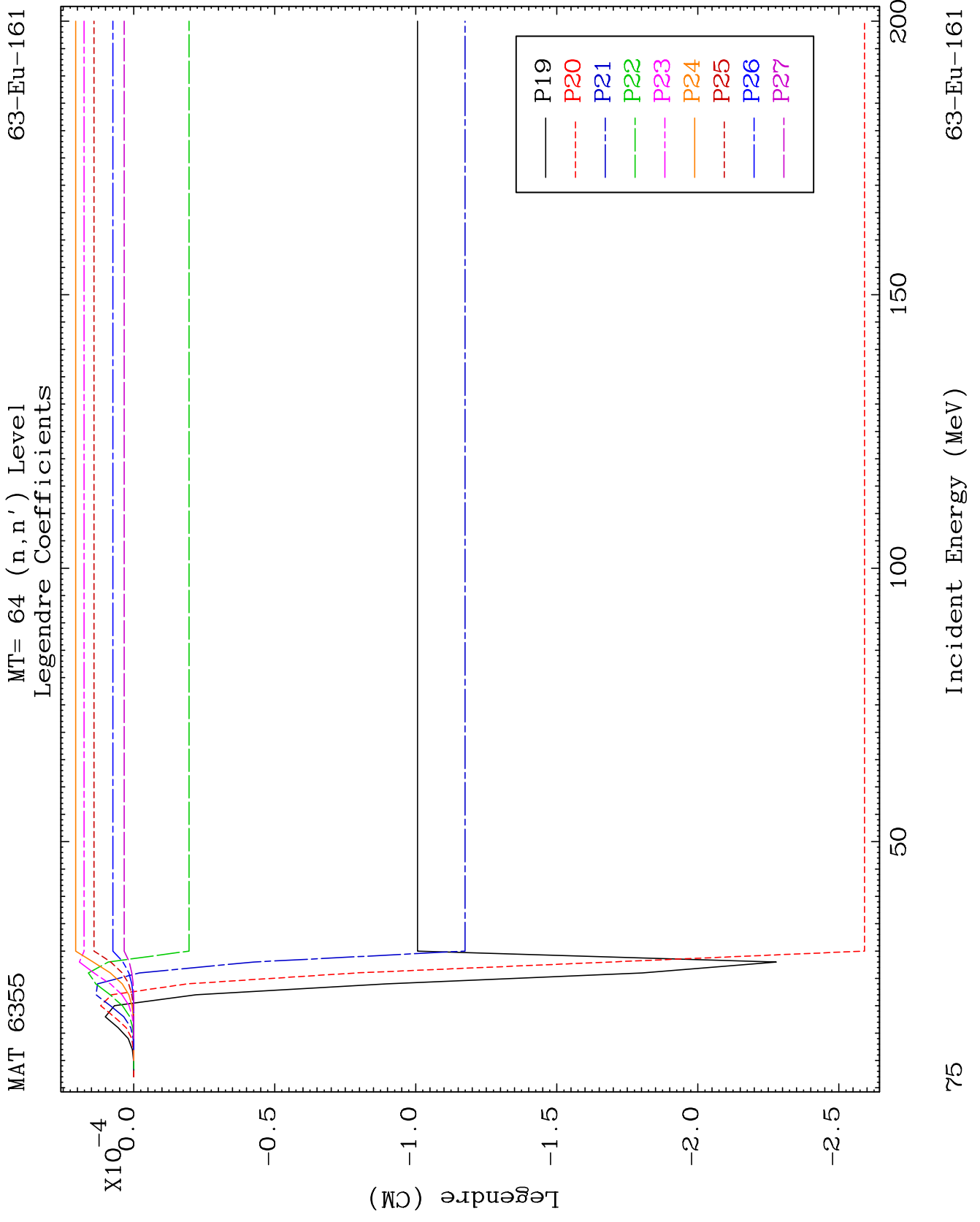
63-Eu-161

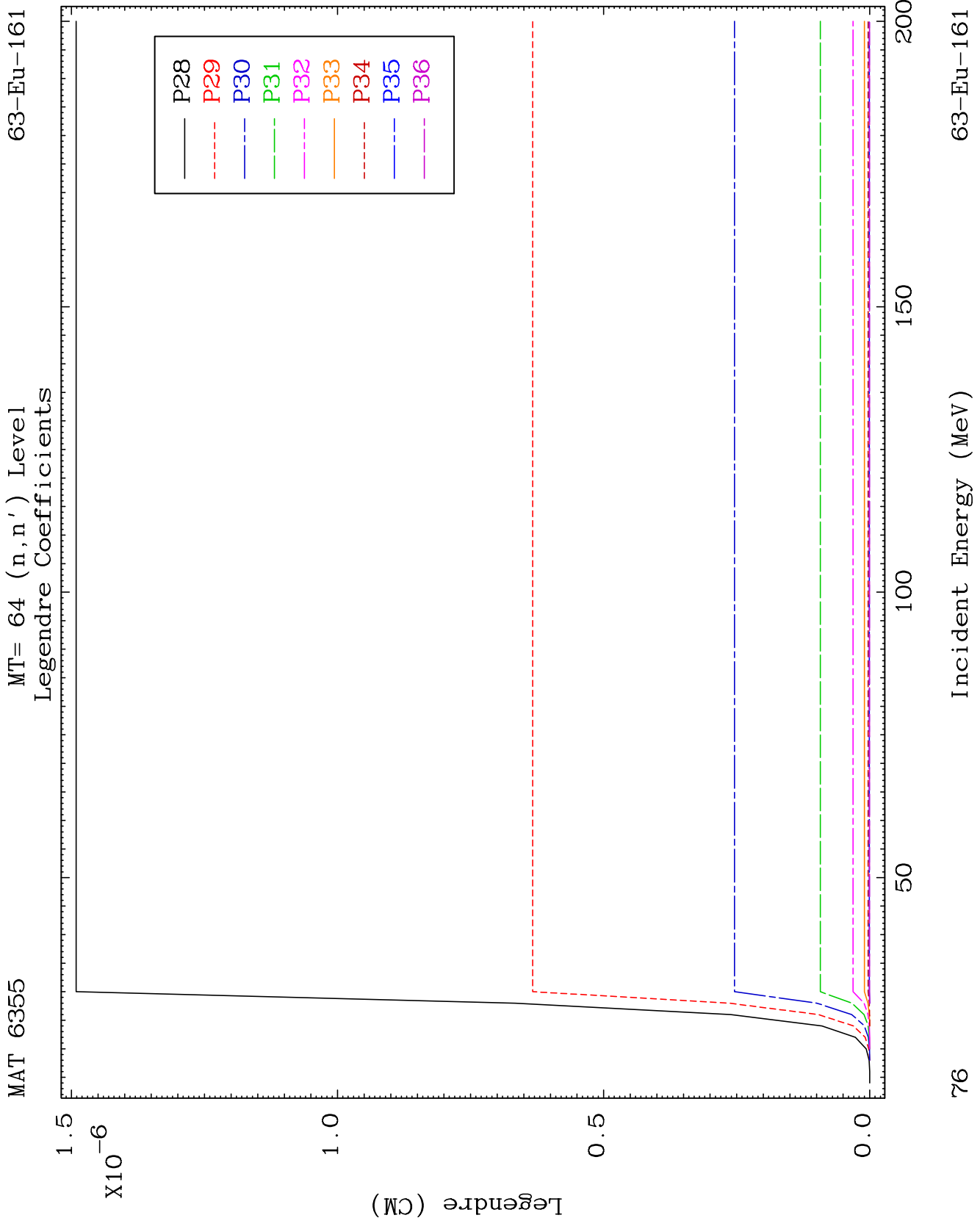


74

Incident Energy (MeV)

63-Eu-161

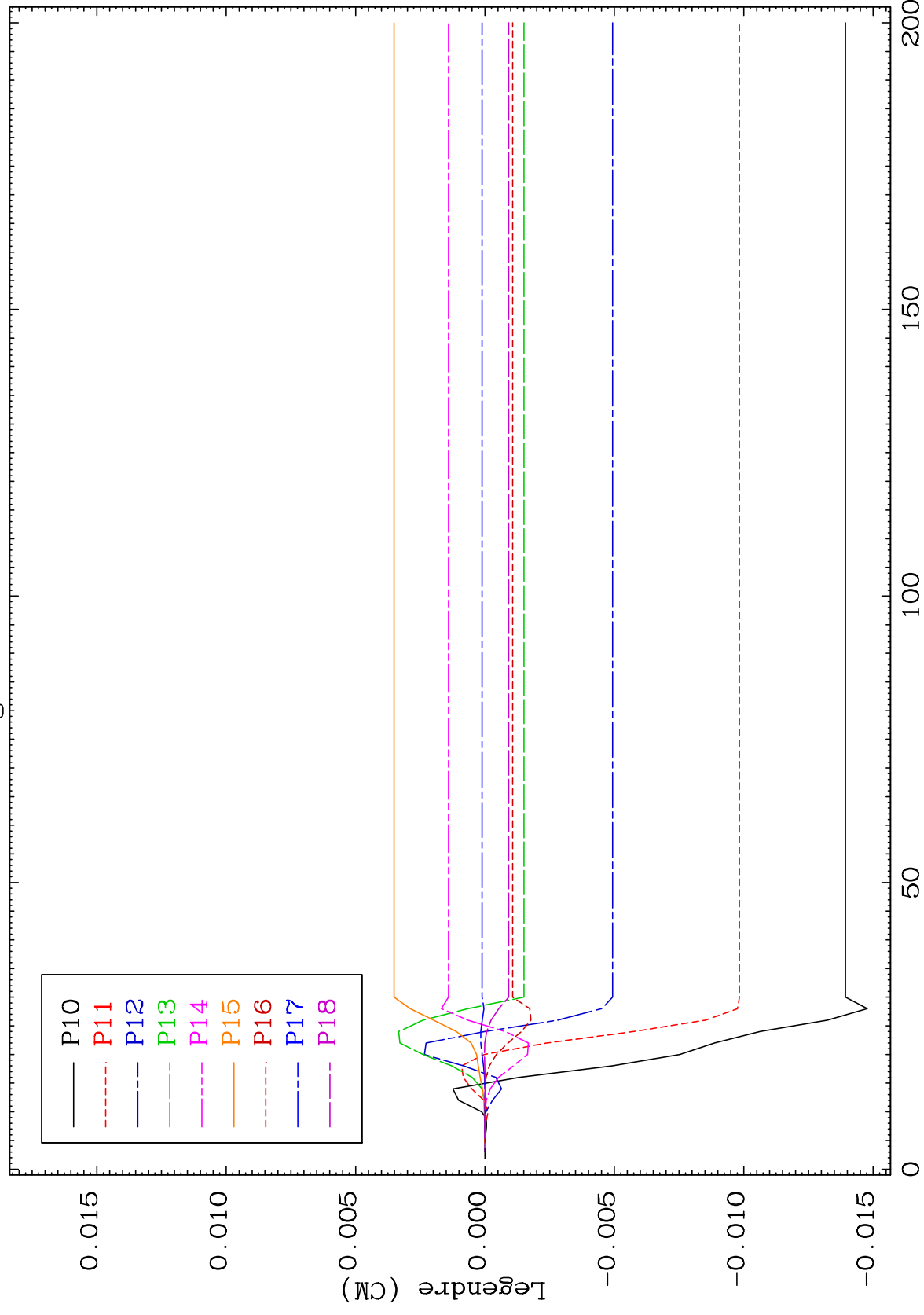




MAT 6355

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

63-Eu-161



78

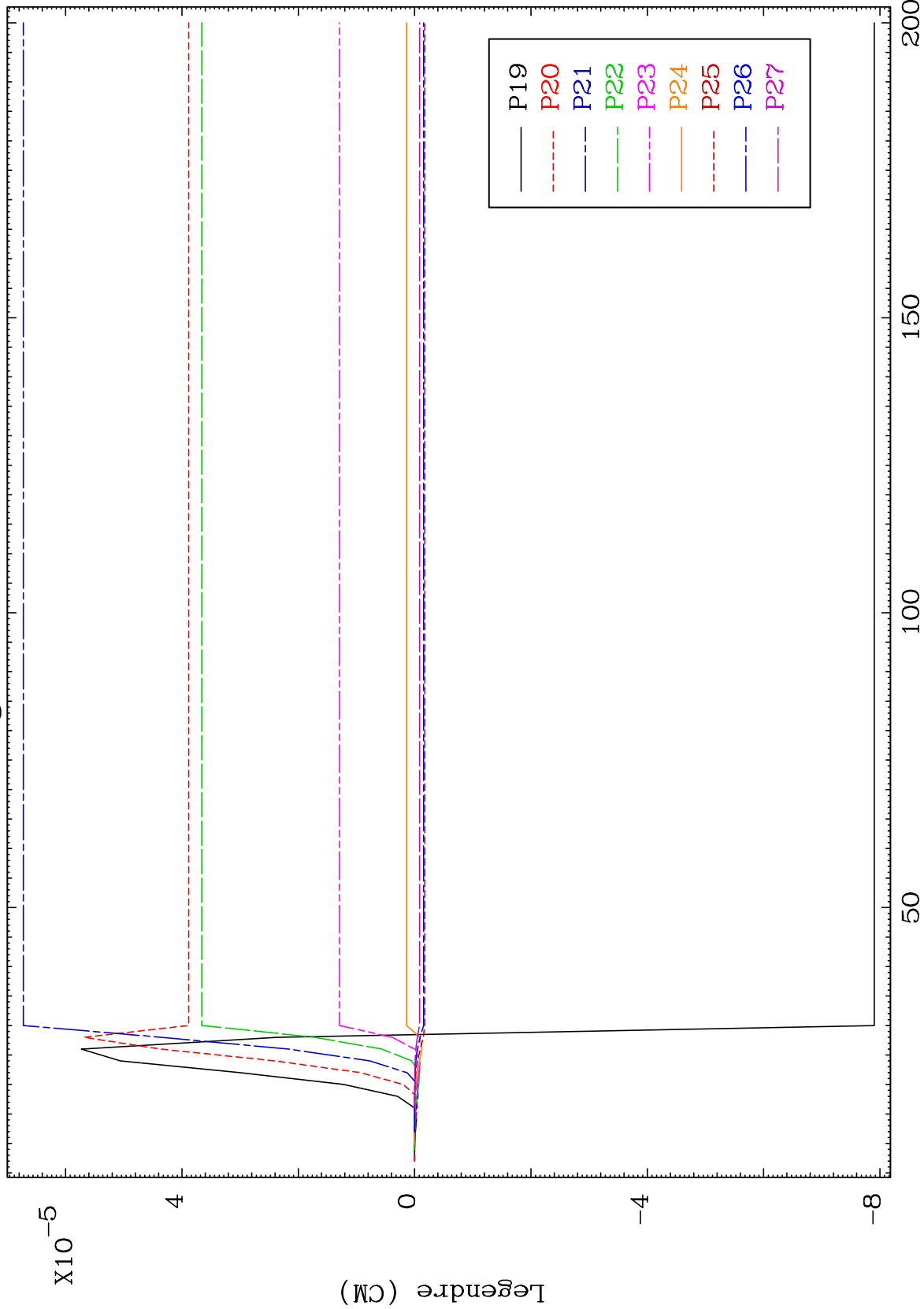
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

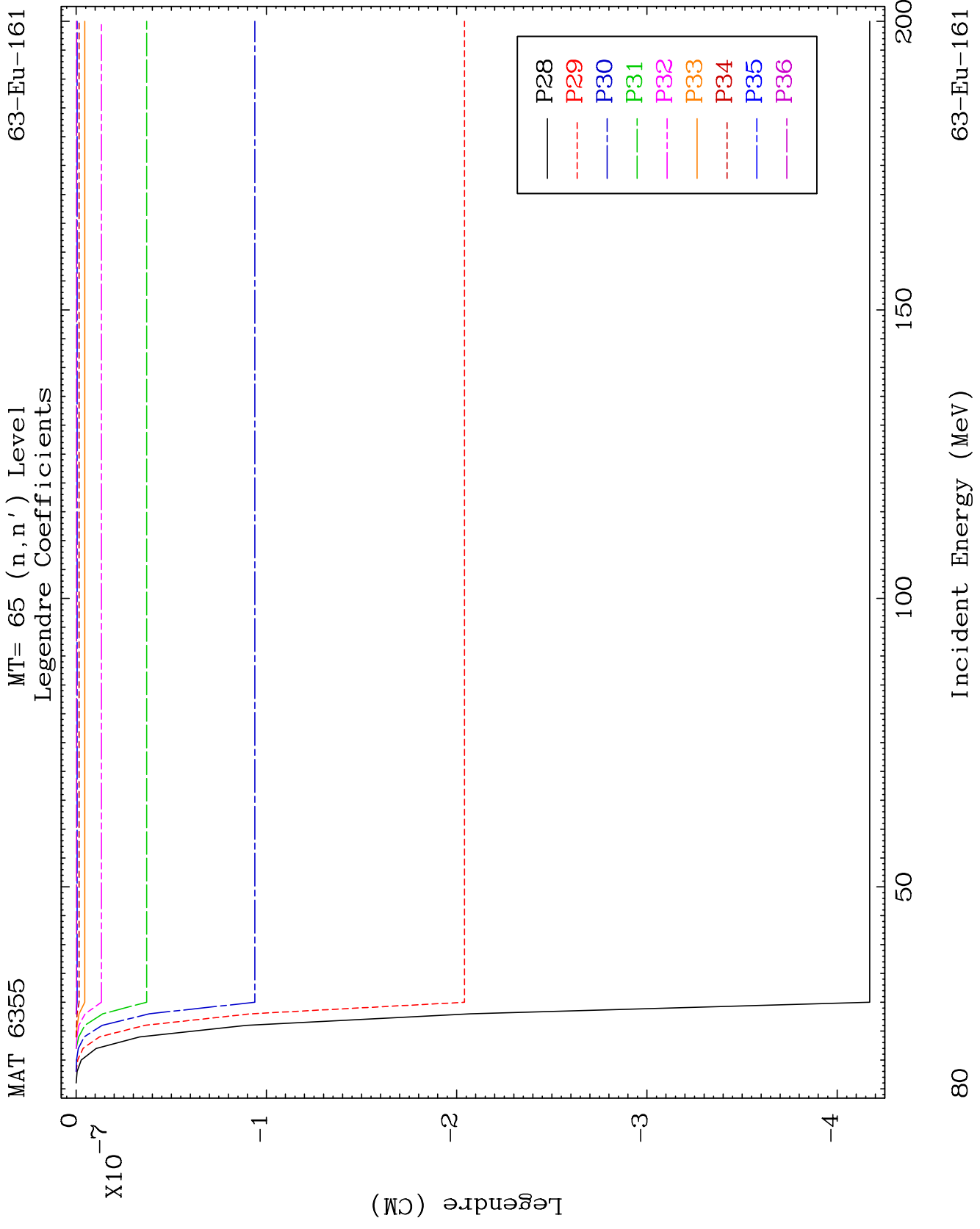
63-Eu-161

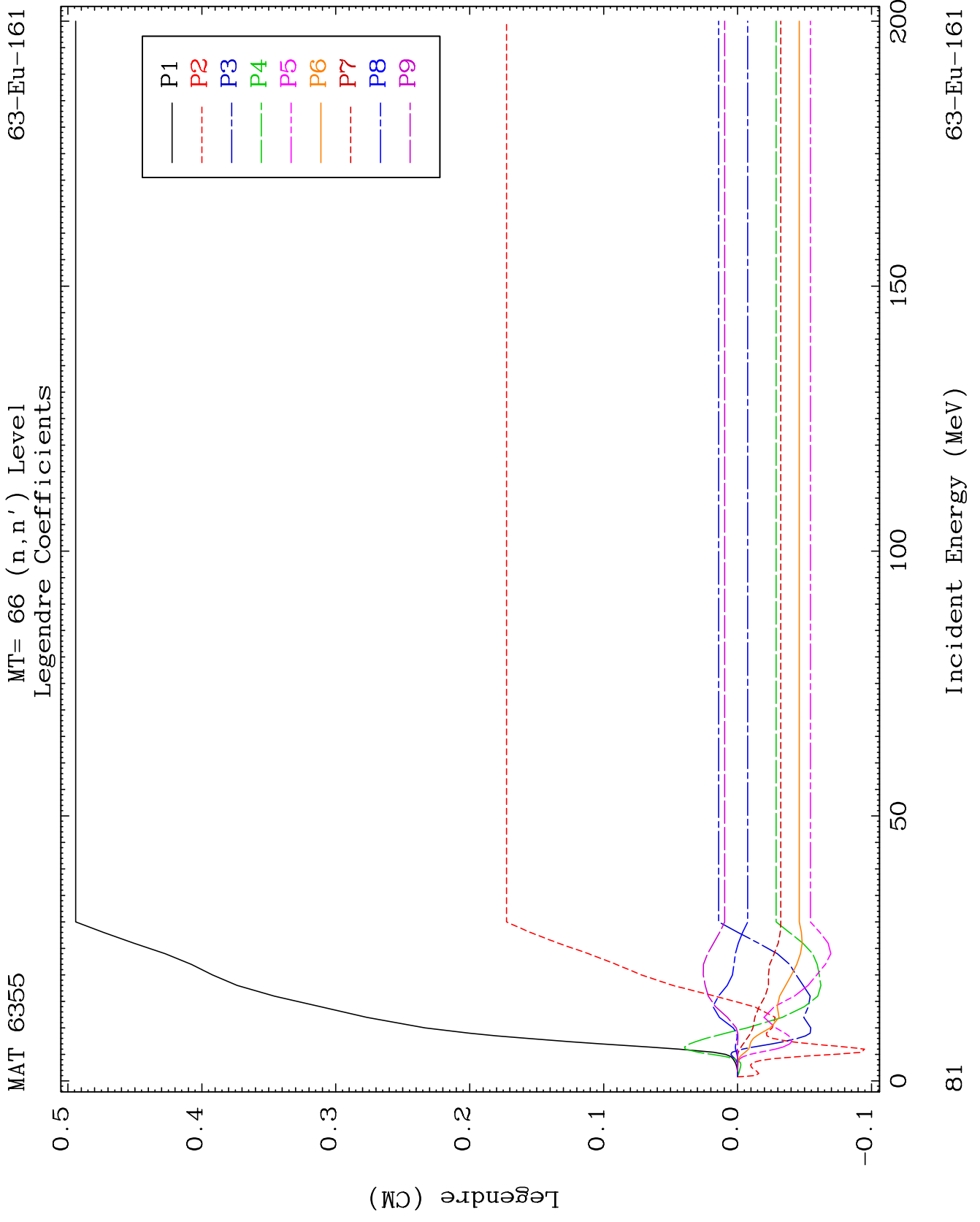


79

Incident Energy (MeV)

63-Eu-161

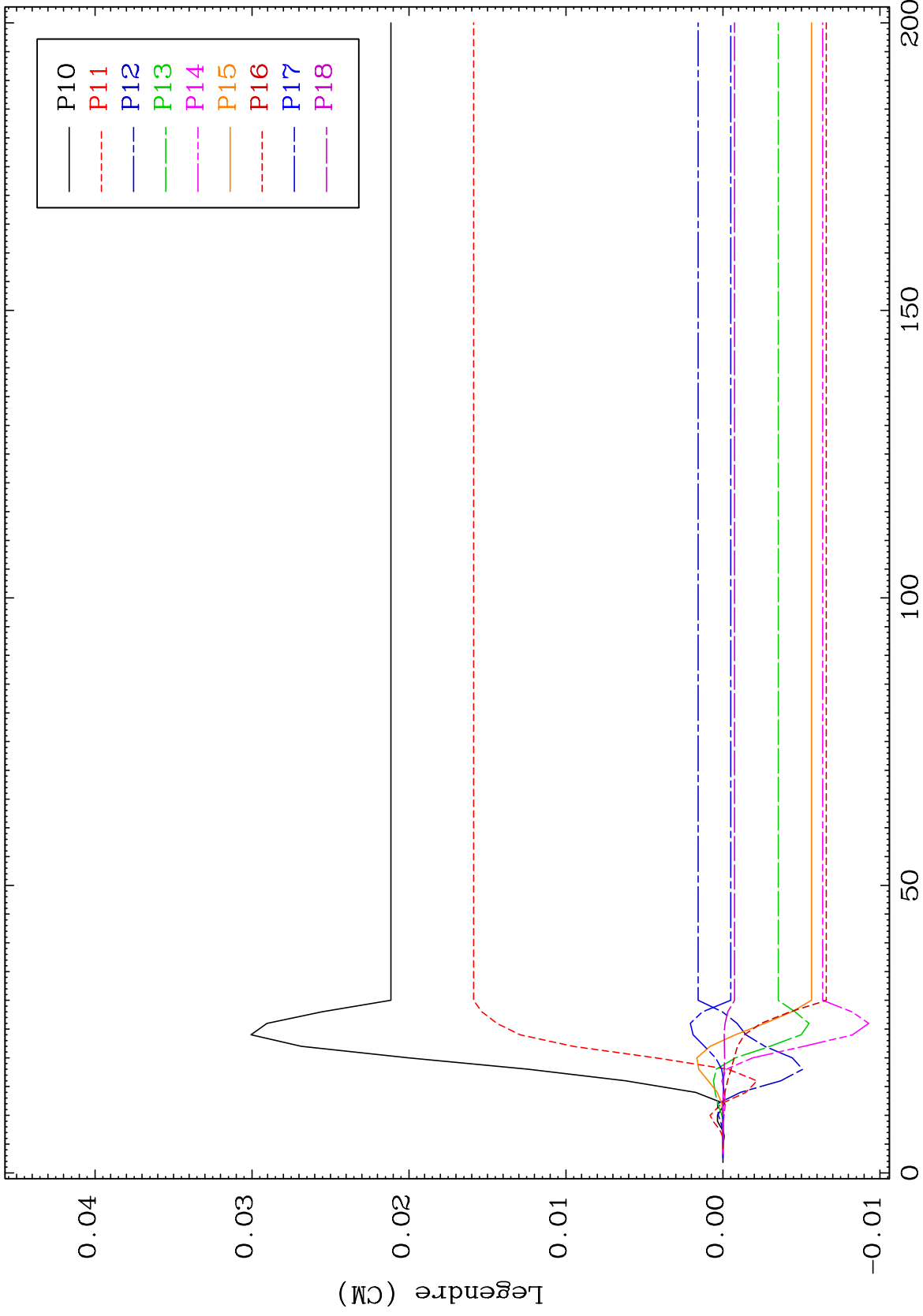




MAT 6355

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

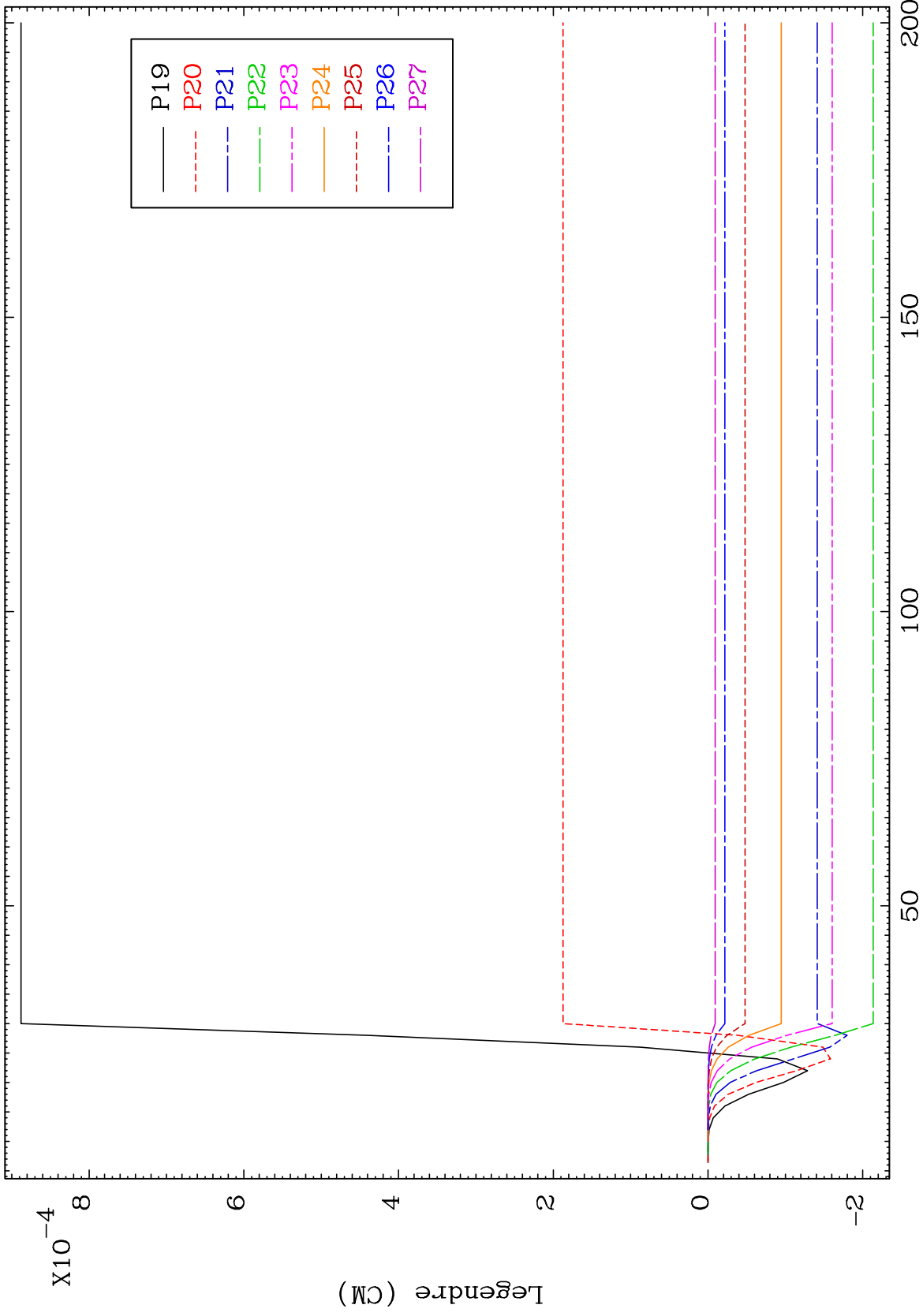
63-Eu-161

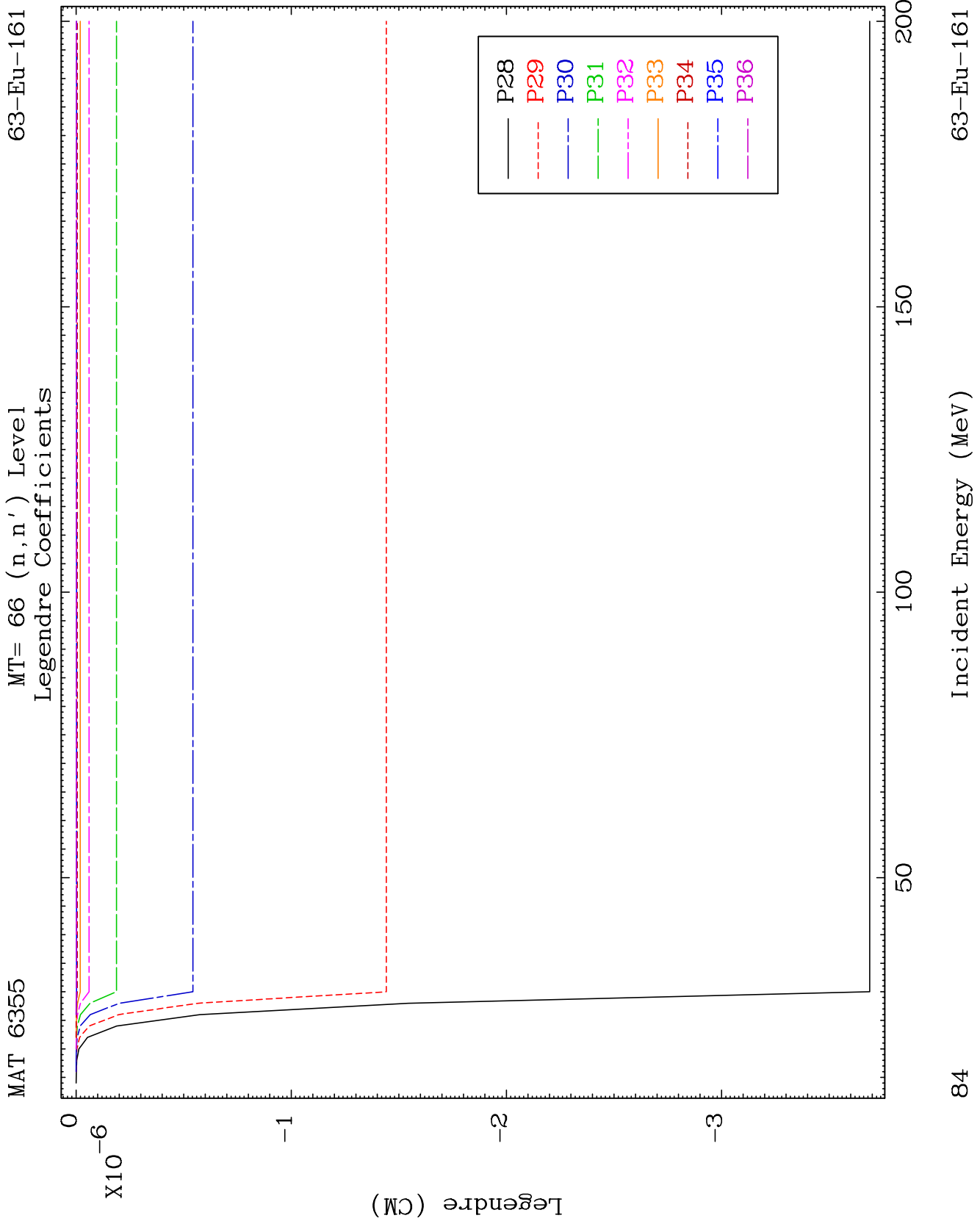


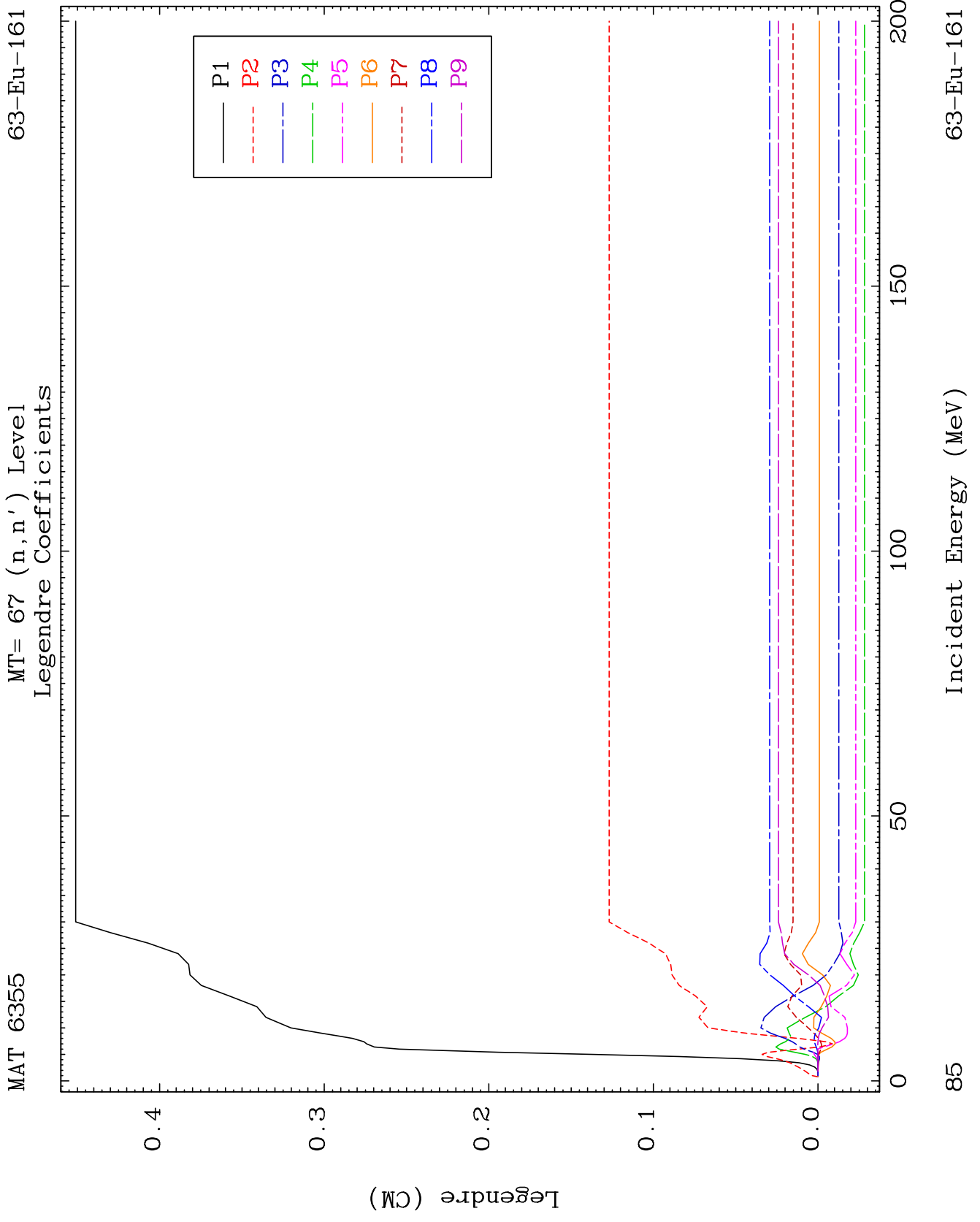
82

Incident Energy (MeV)

63-Eu-161



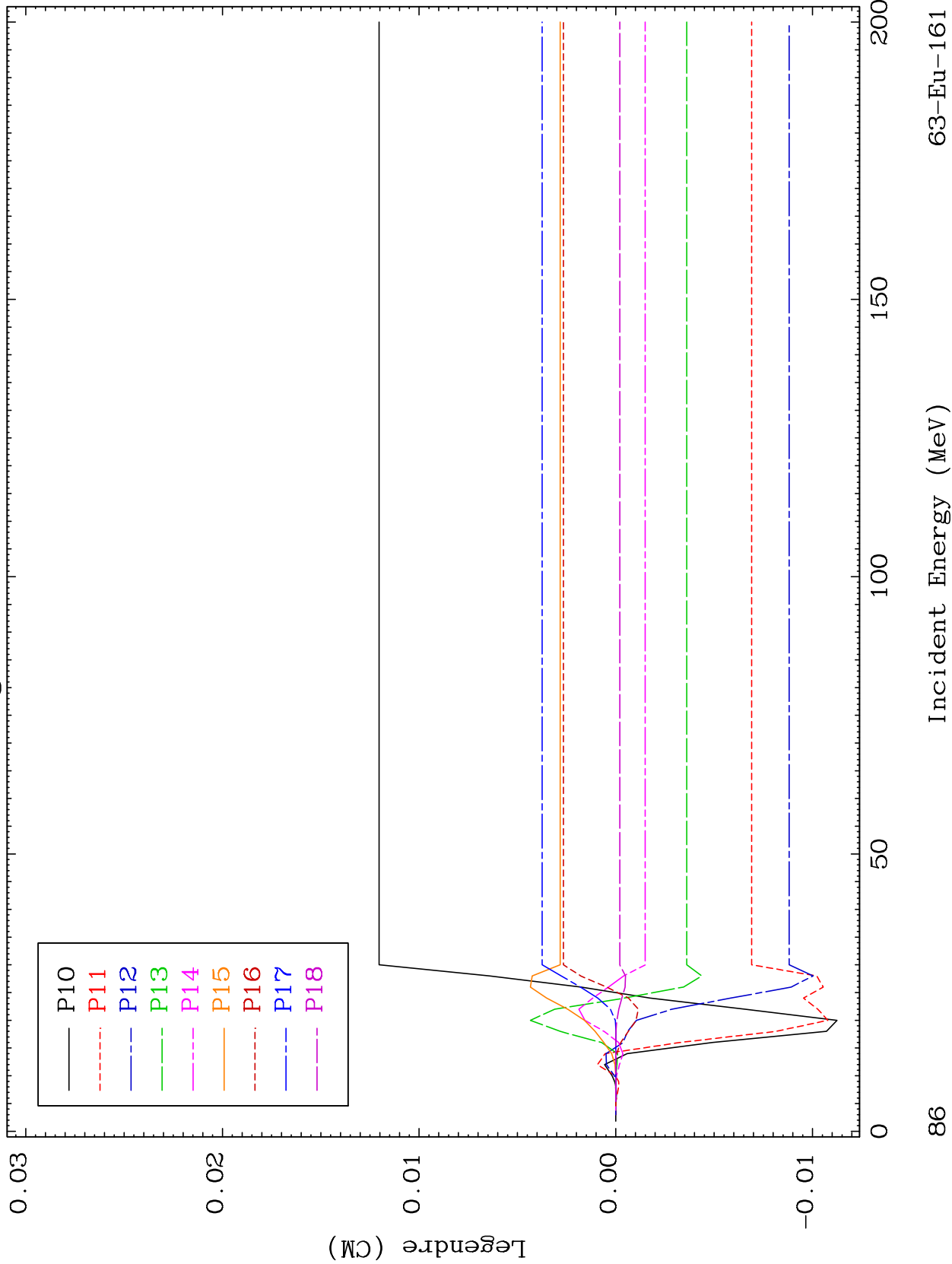




MAT 6355

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

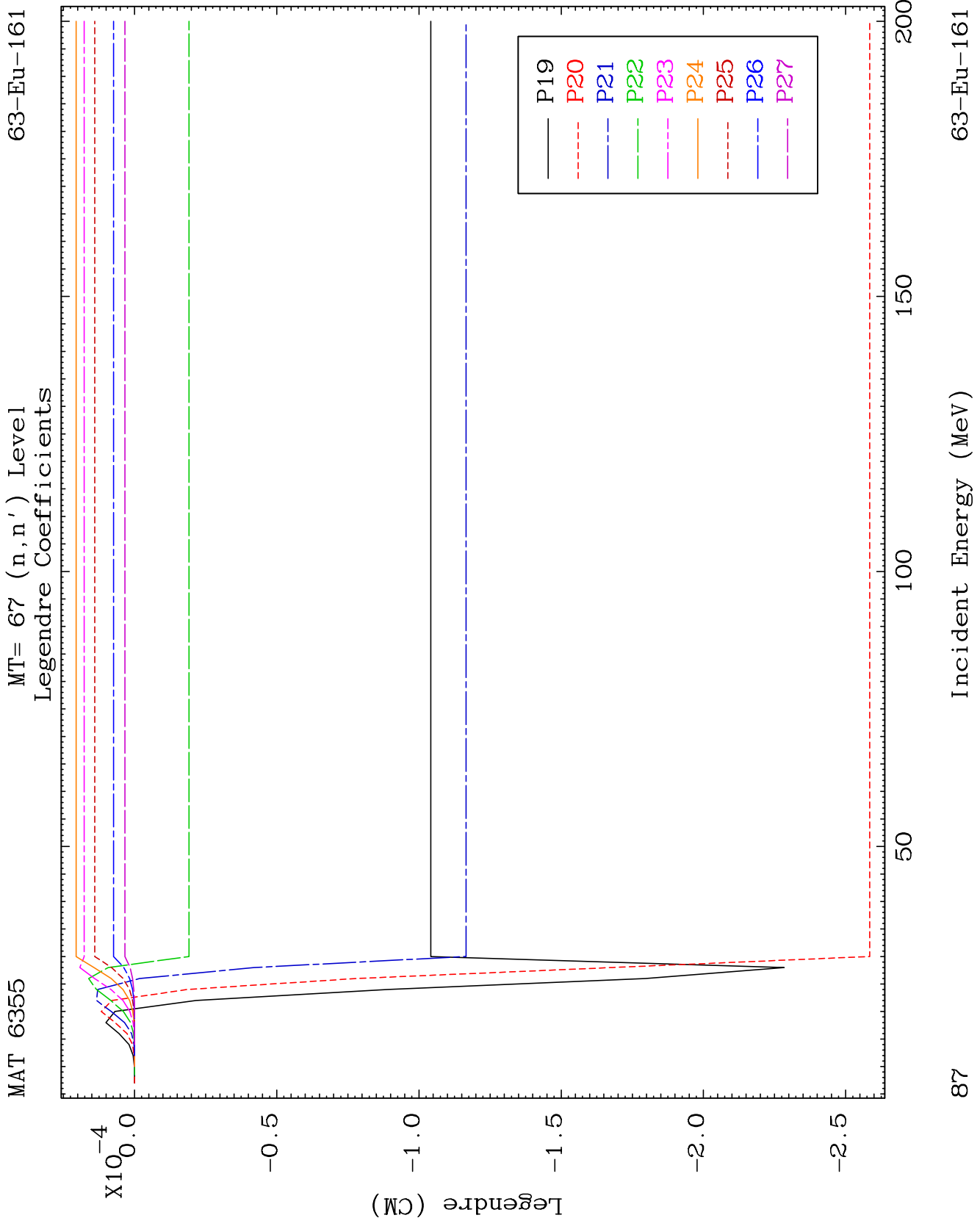
63-Eu-161

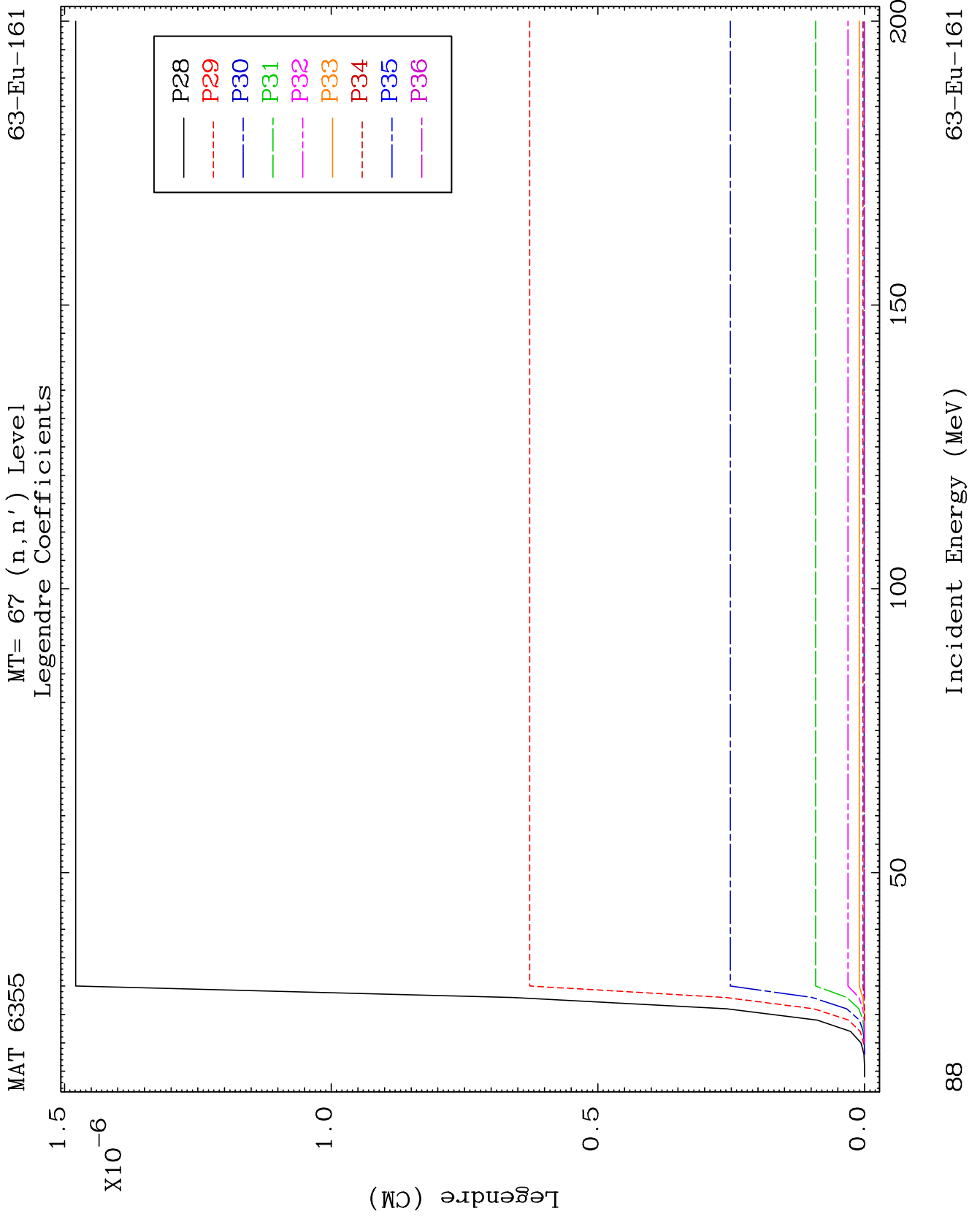


86

Incident Energy (MeV)

63-Eu-161

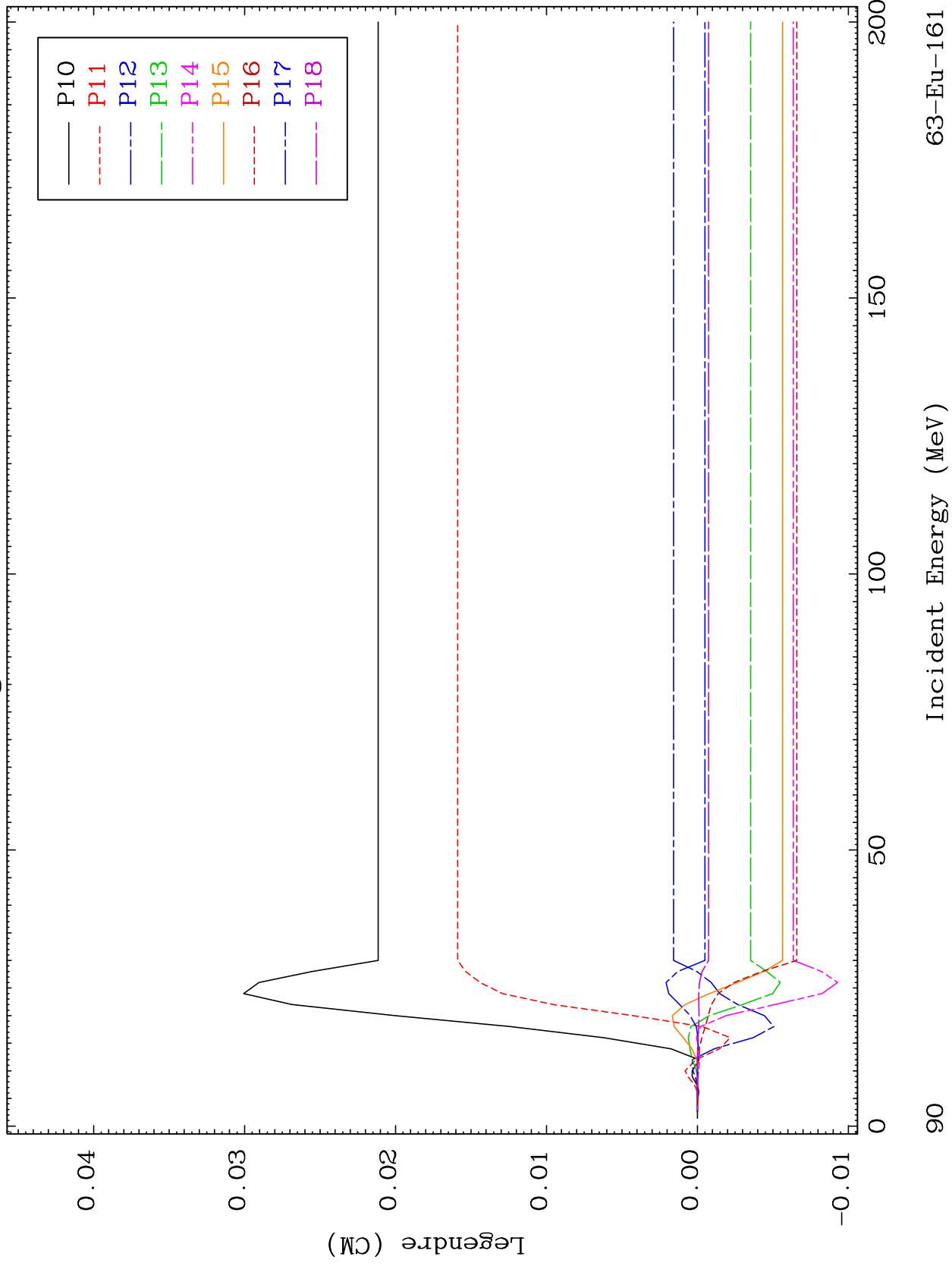




MAT 6355

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

63-Eu-161



63-Eu-161

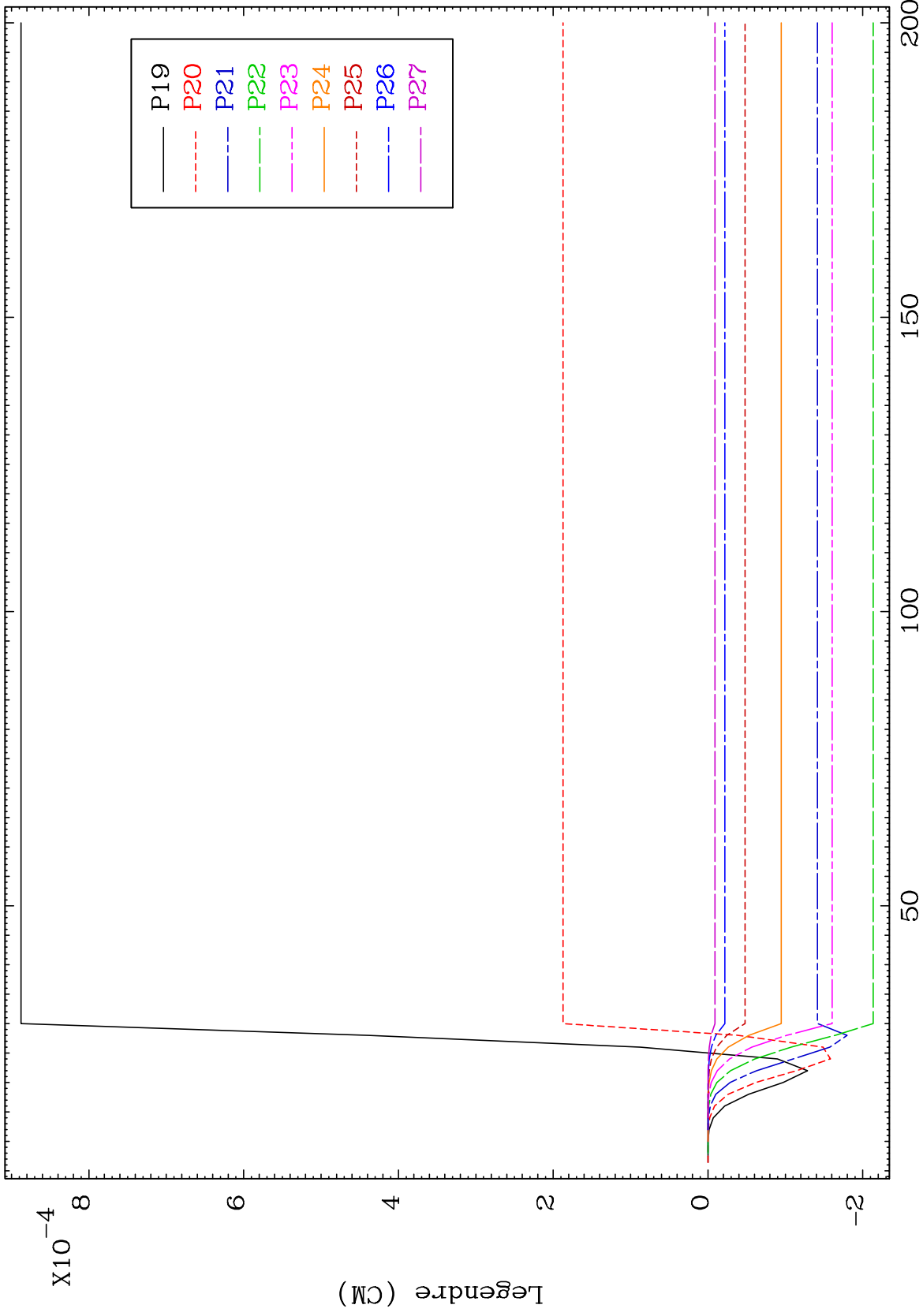
Incident Energy (MeV)

90

MAT 6355

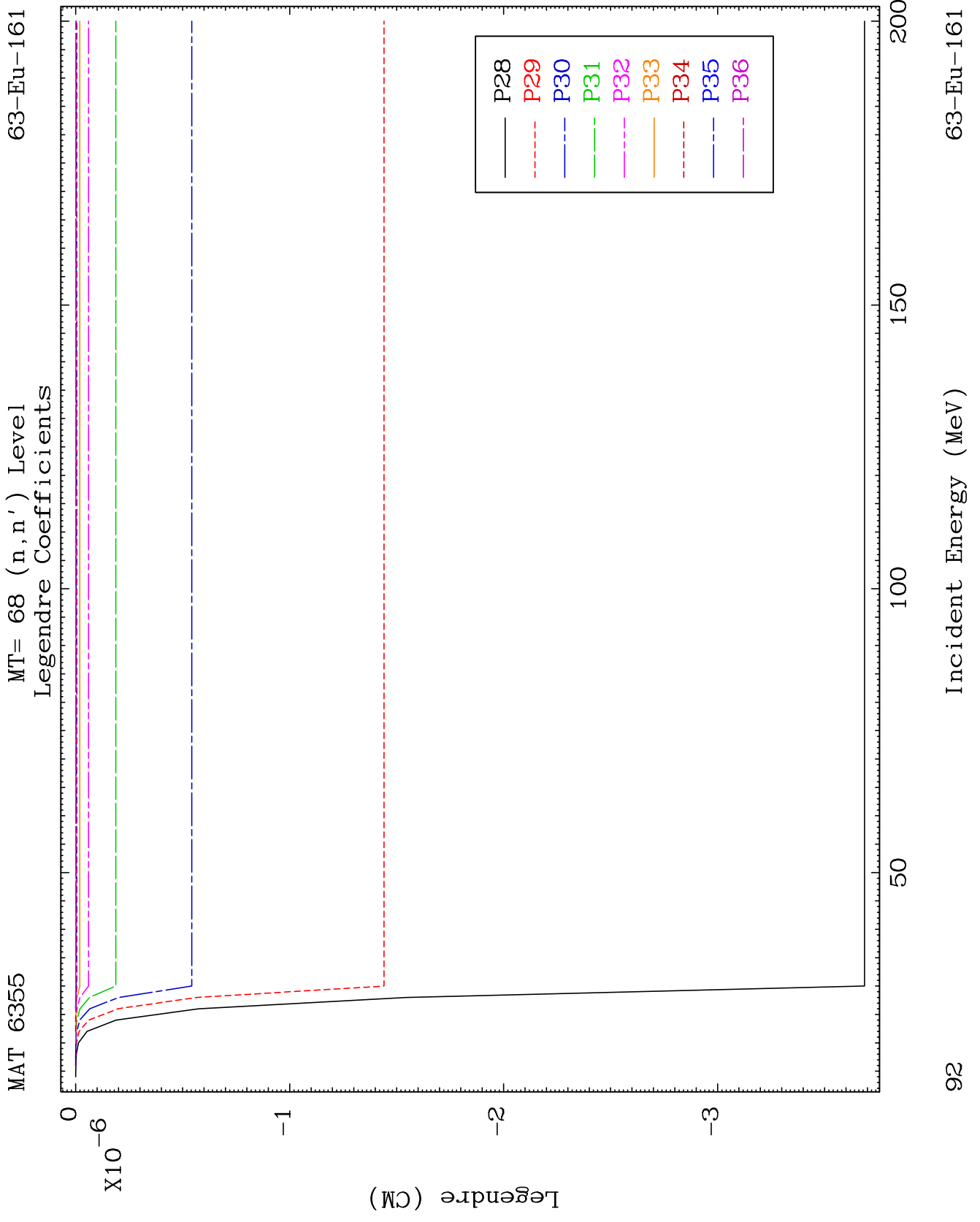
MT= 68 (n,n') Level
Legendre Coefficients

63-Eu-161



91

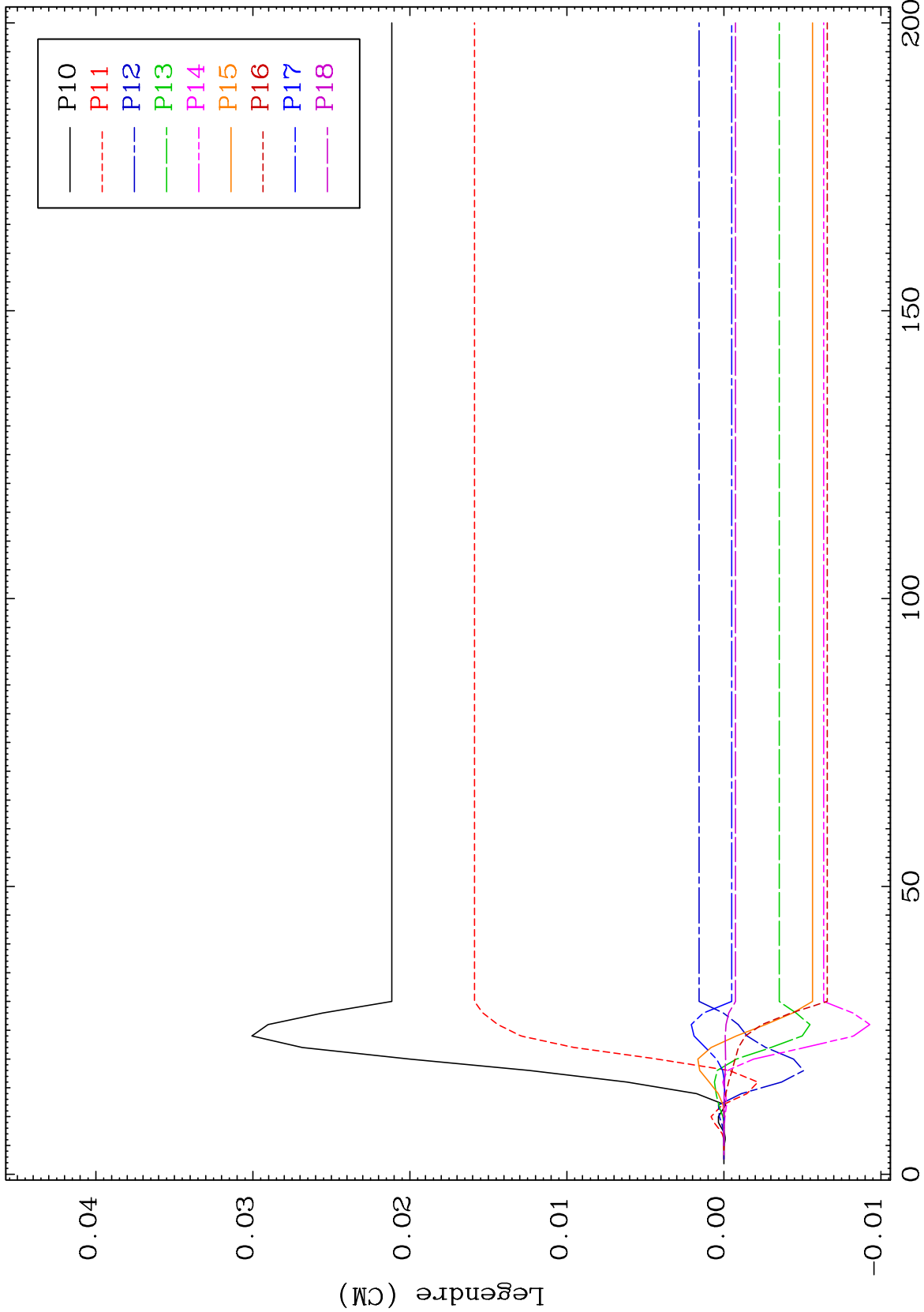
63-Eu-161



MAT 6355

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

63-Eu-161



94

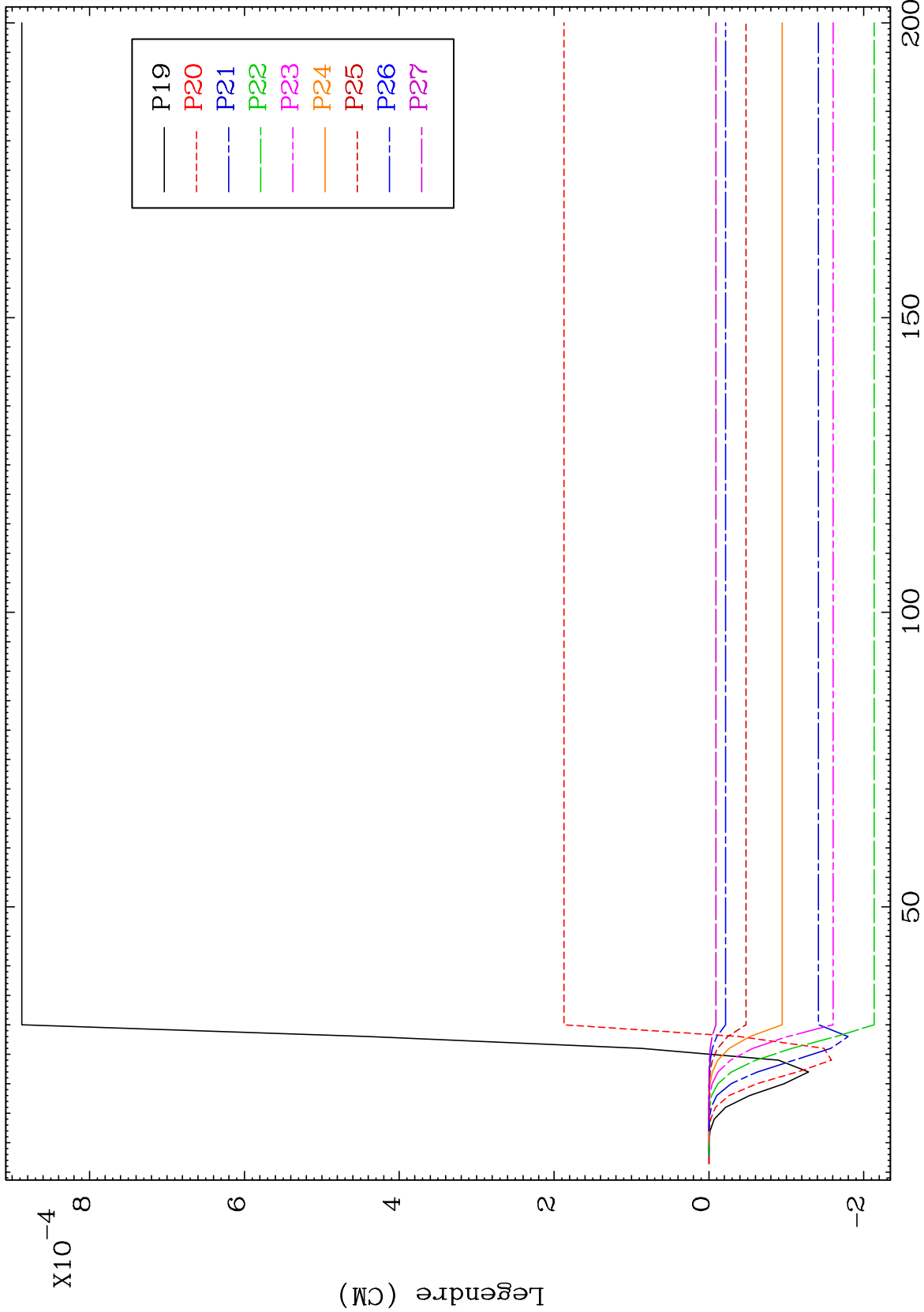
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

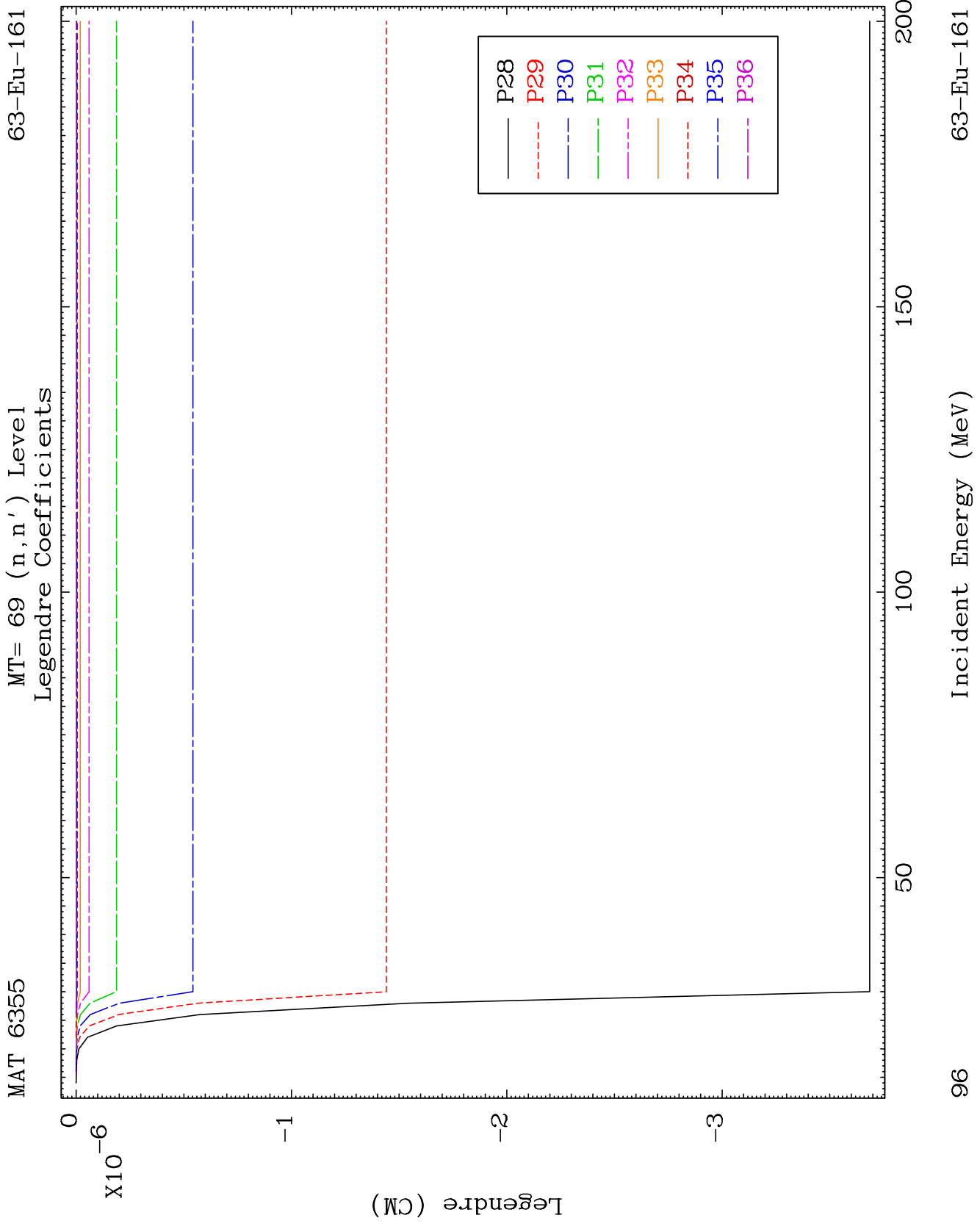
63-Eu-161



95

Incident Energy (MeV)

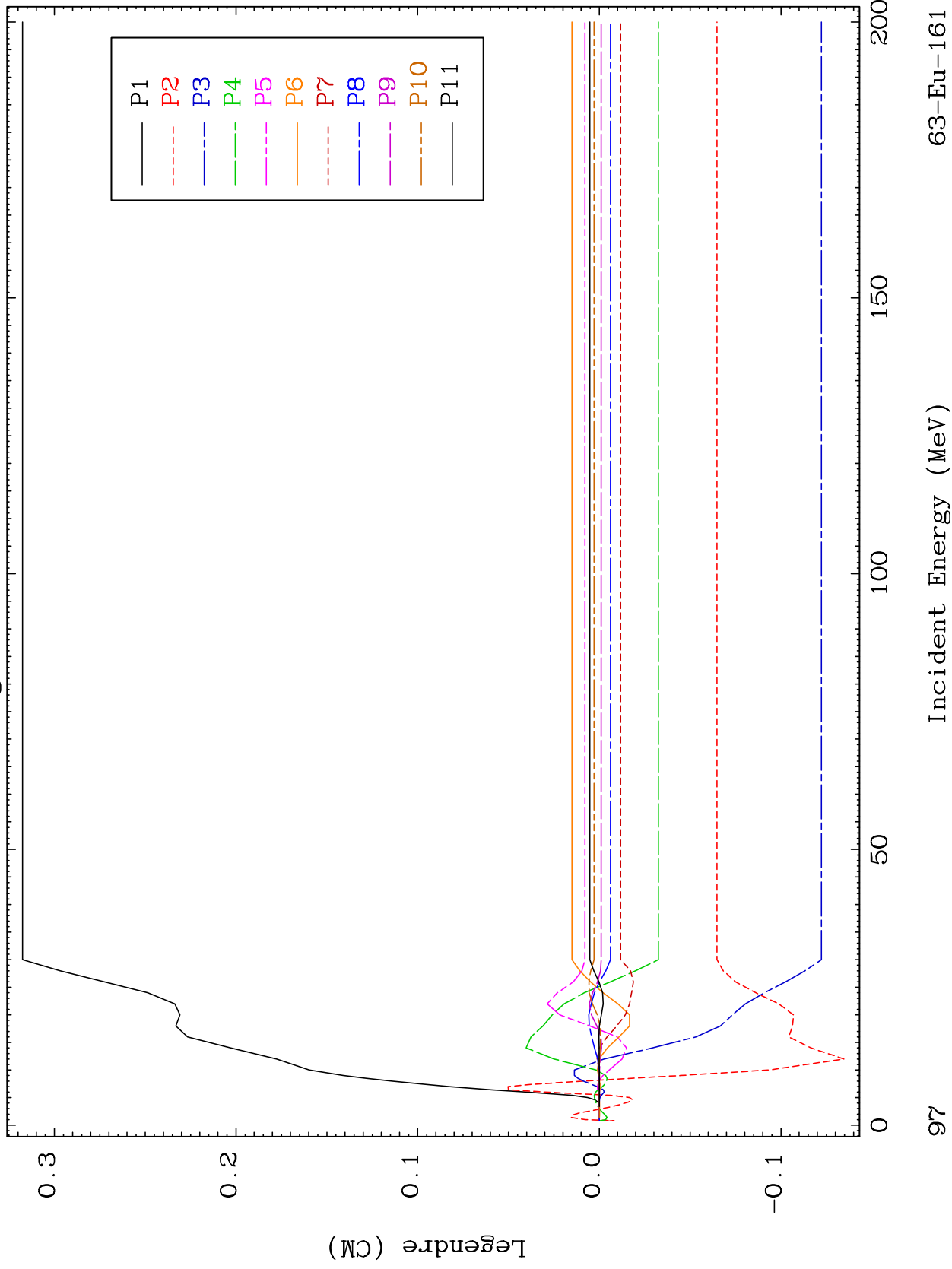
63-Eu-161

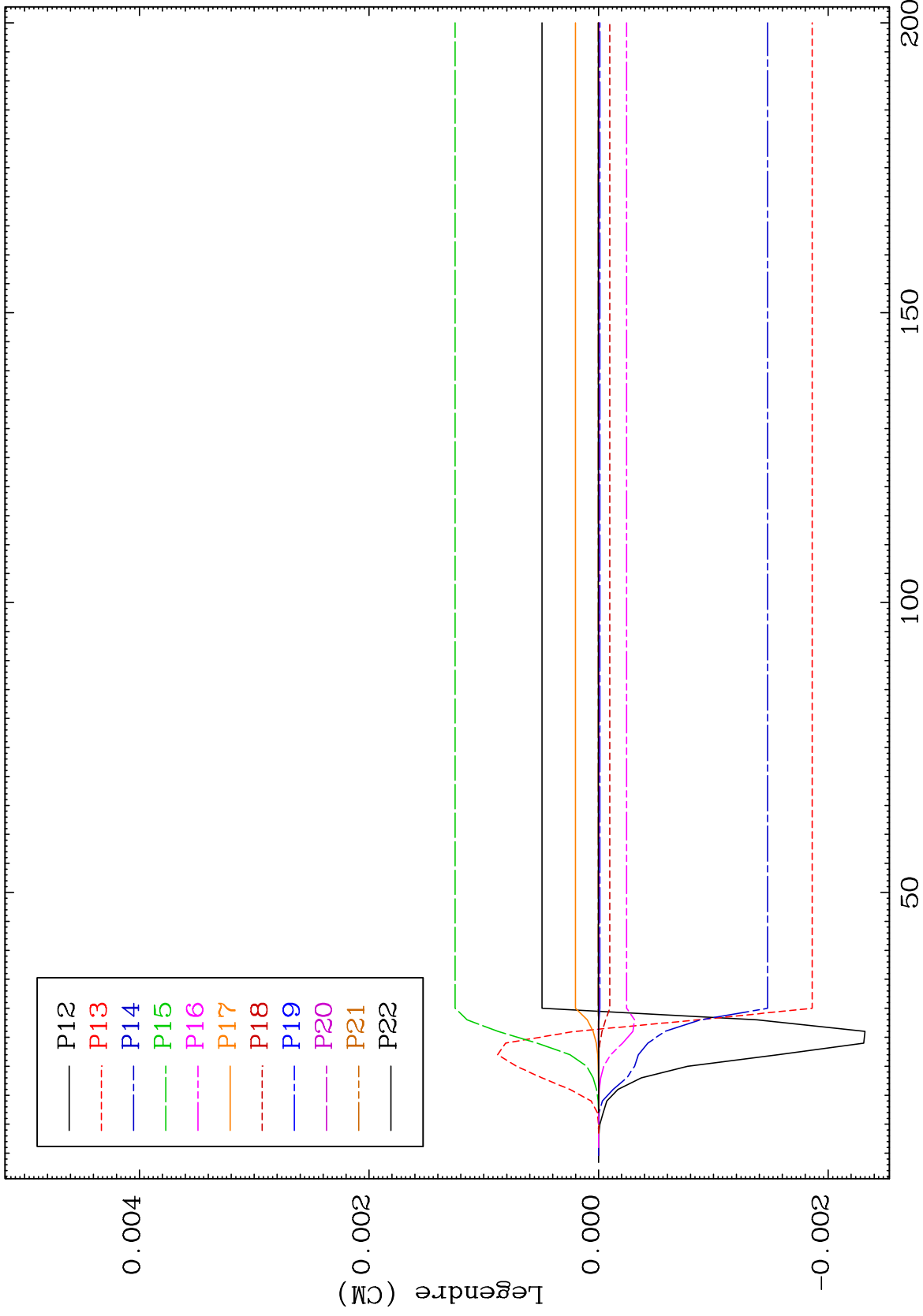


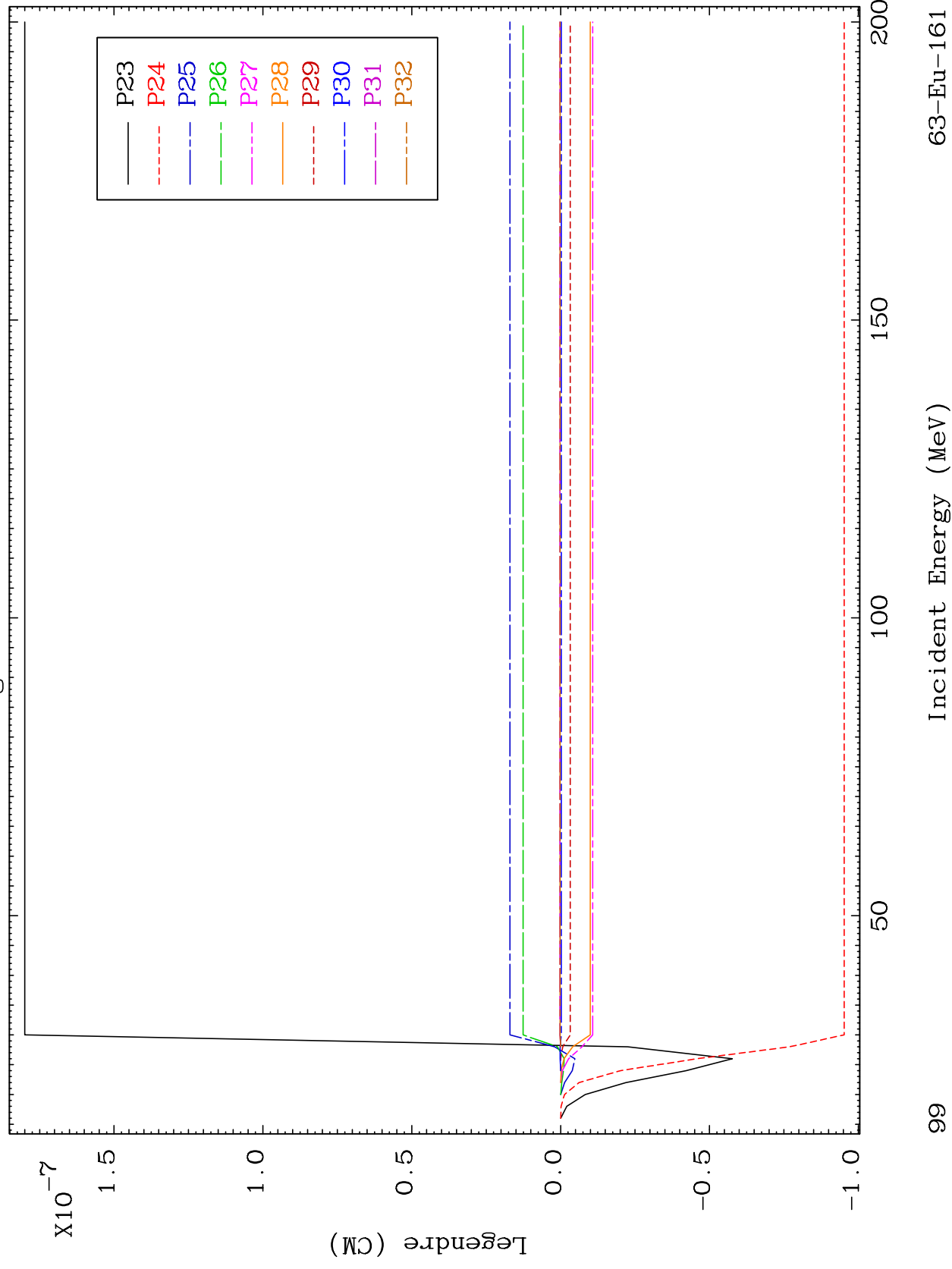
MAT 6355

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

63-Eu-161



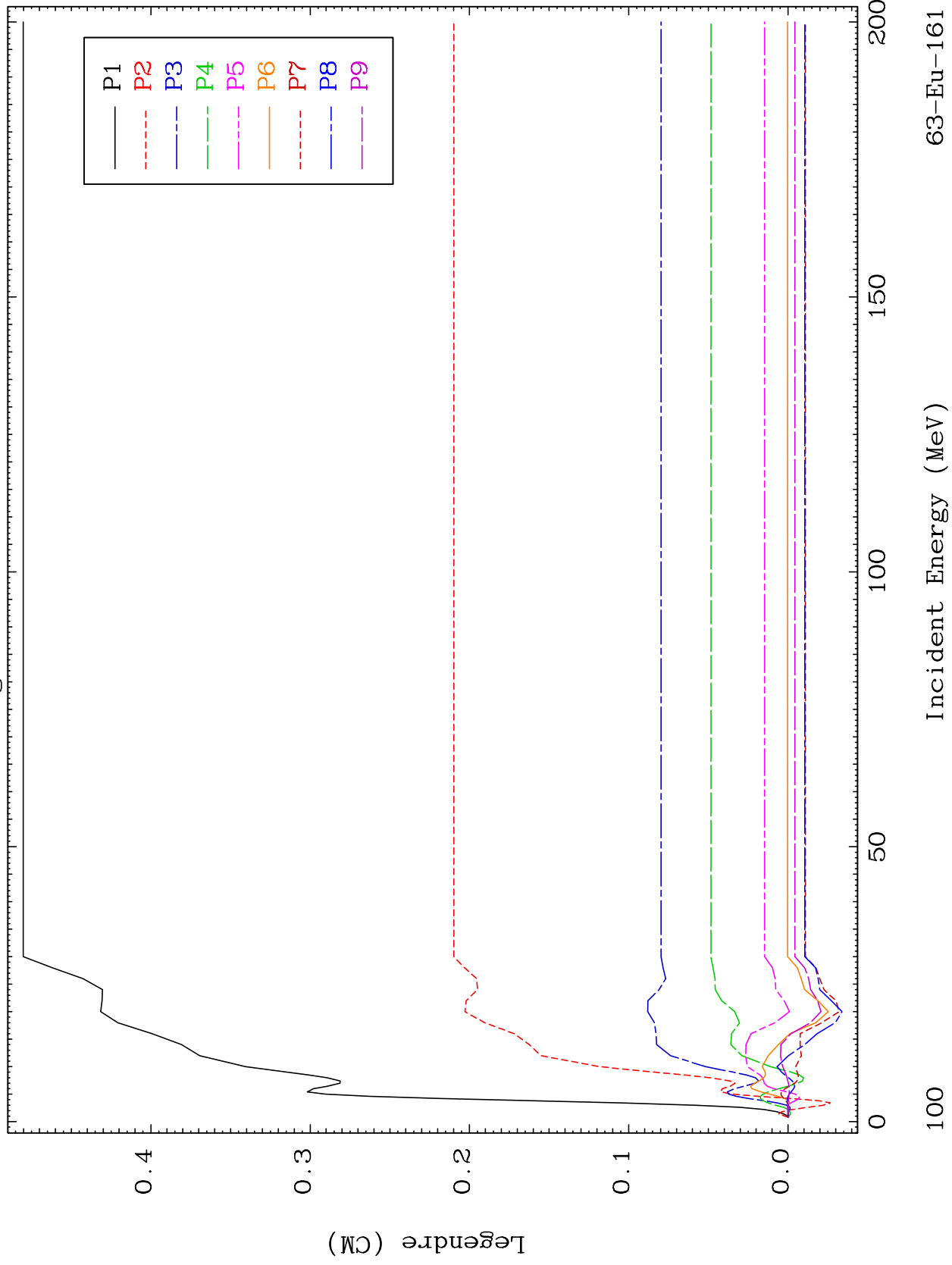




MAT 6355

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

63-Eu-161



63-Eu-161

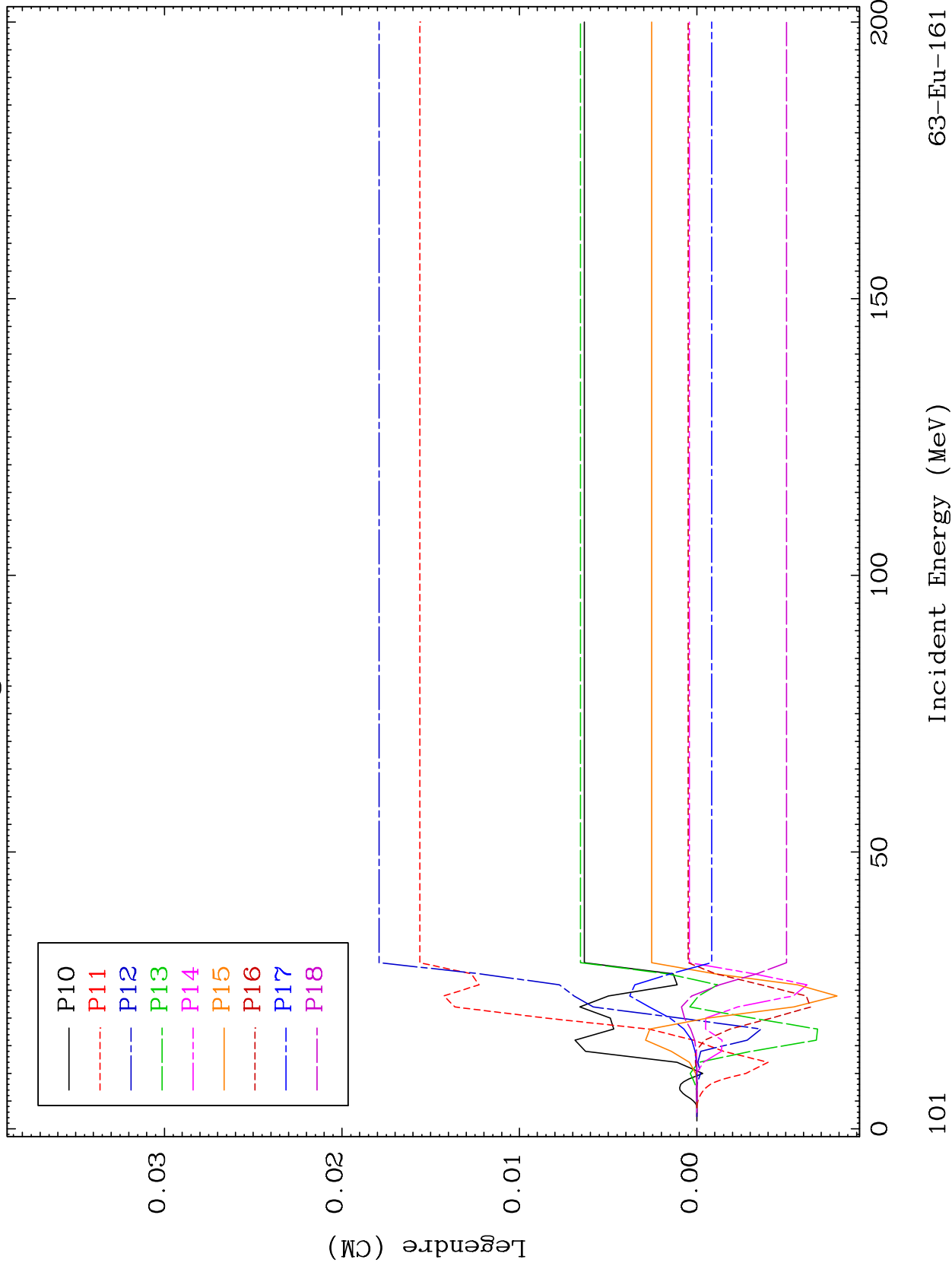
Incident Energy (MeV)

100

MAT 6355

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

63-Eu-161



63-Eu-161

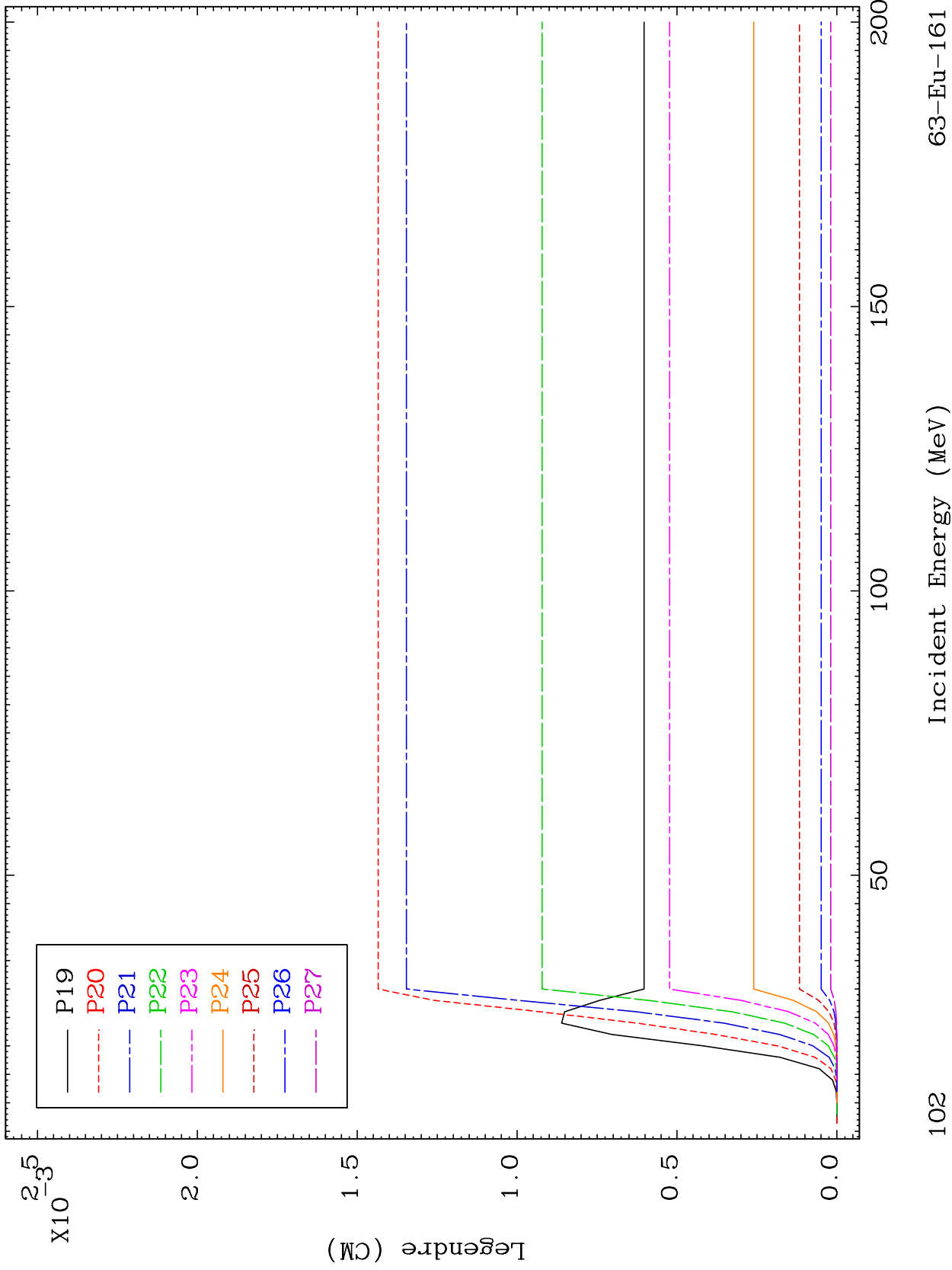
Incident Energy (MeV)

101

MAT 6355

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

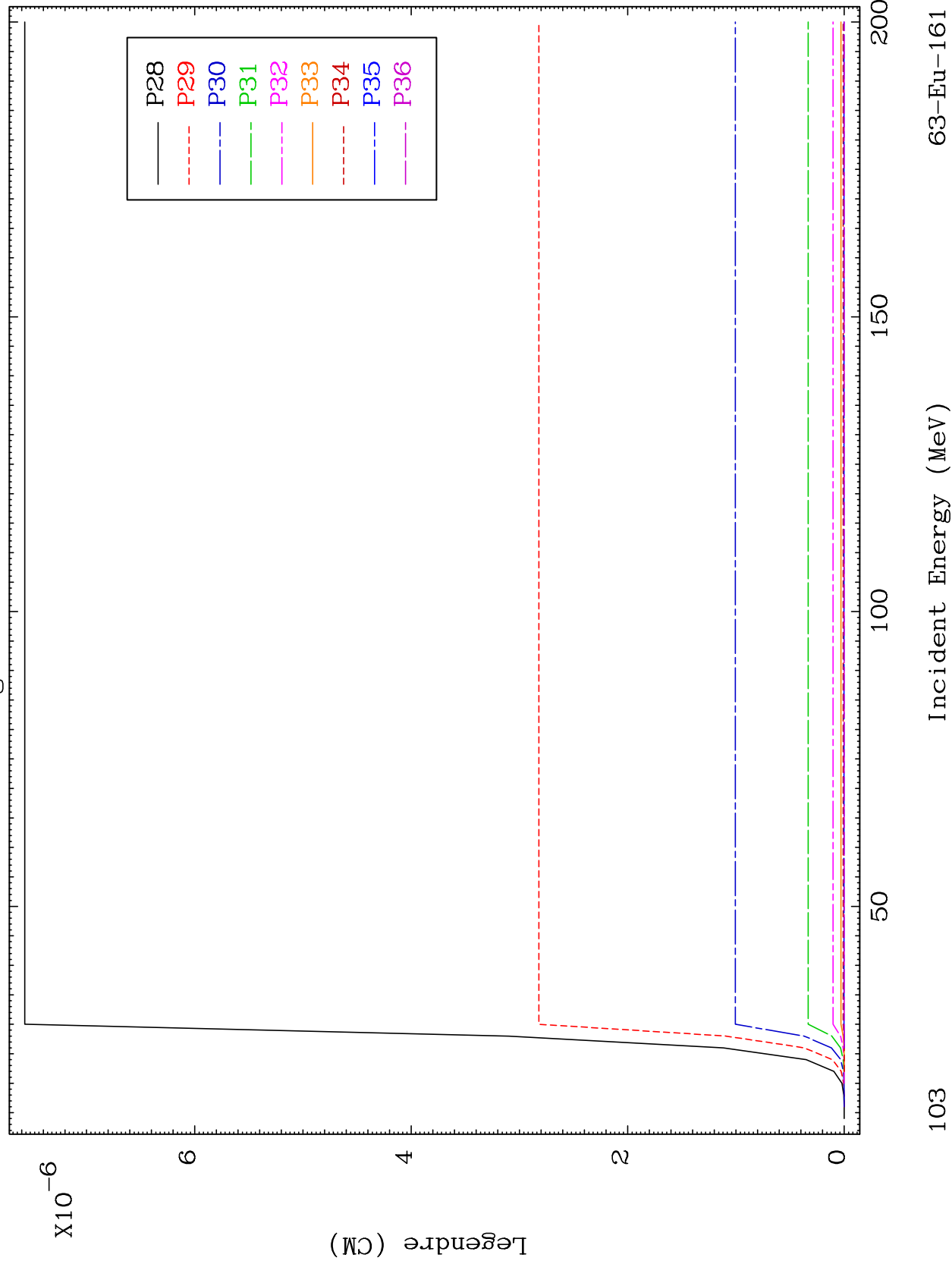
63-Eu-161



MAT 6355

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

63-Eu-161



103

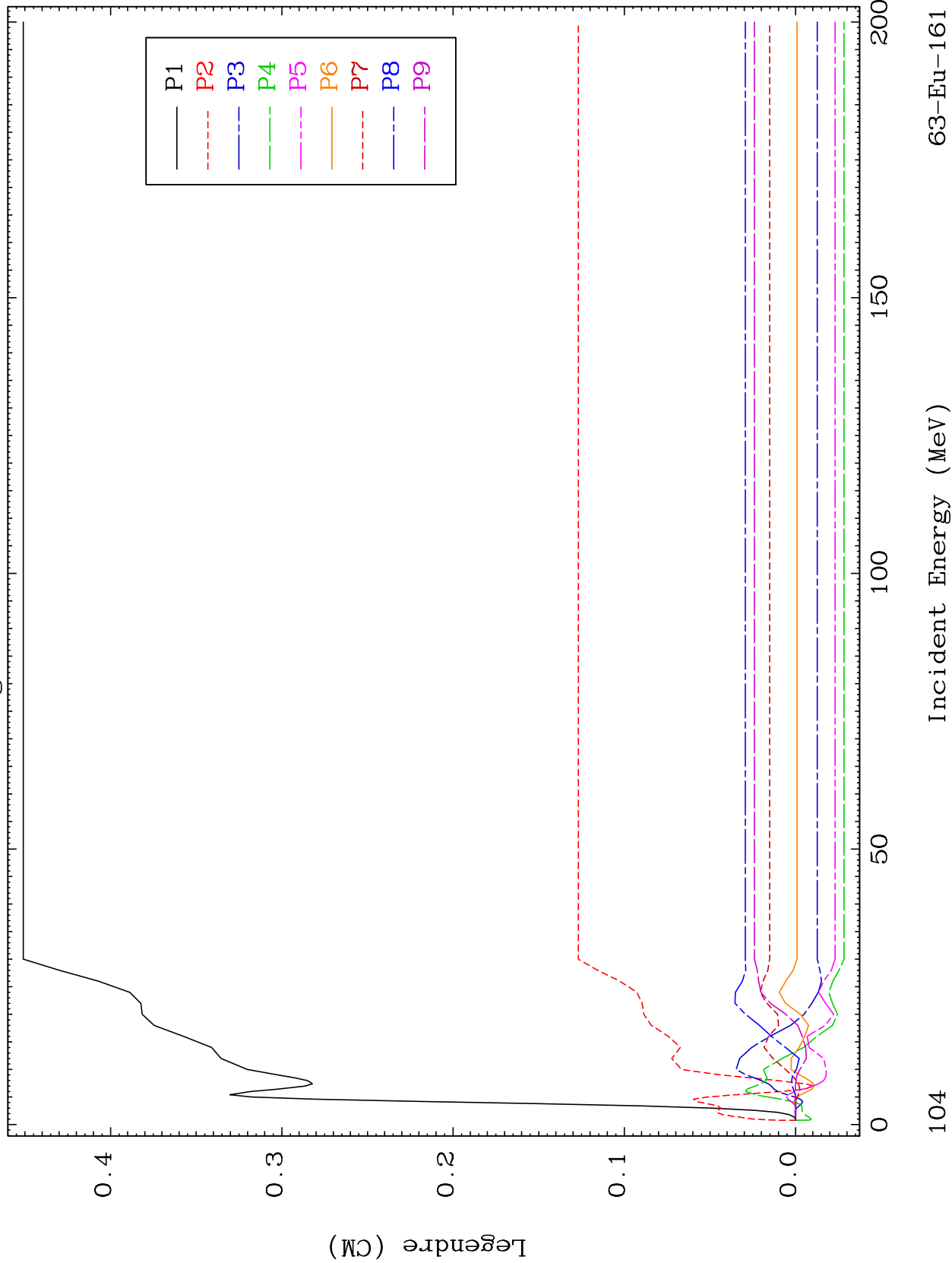
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



63-Eu-161

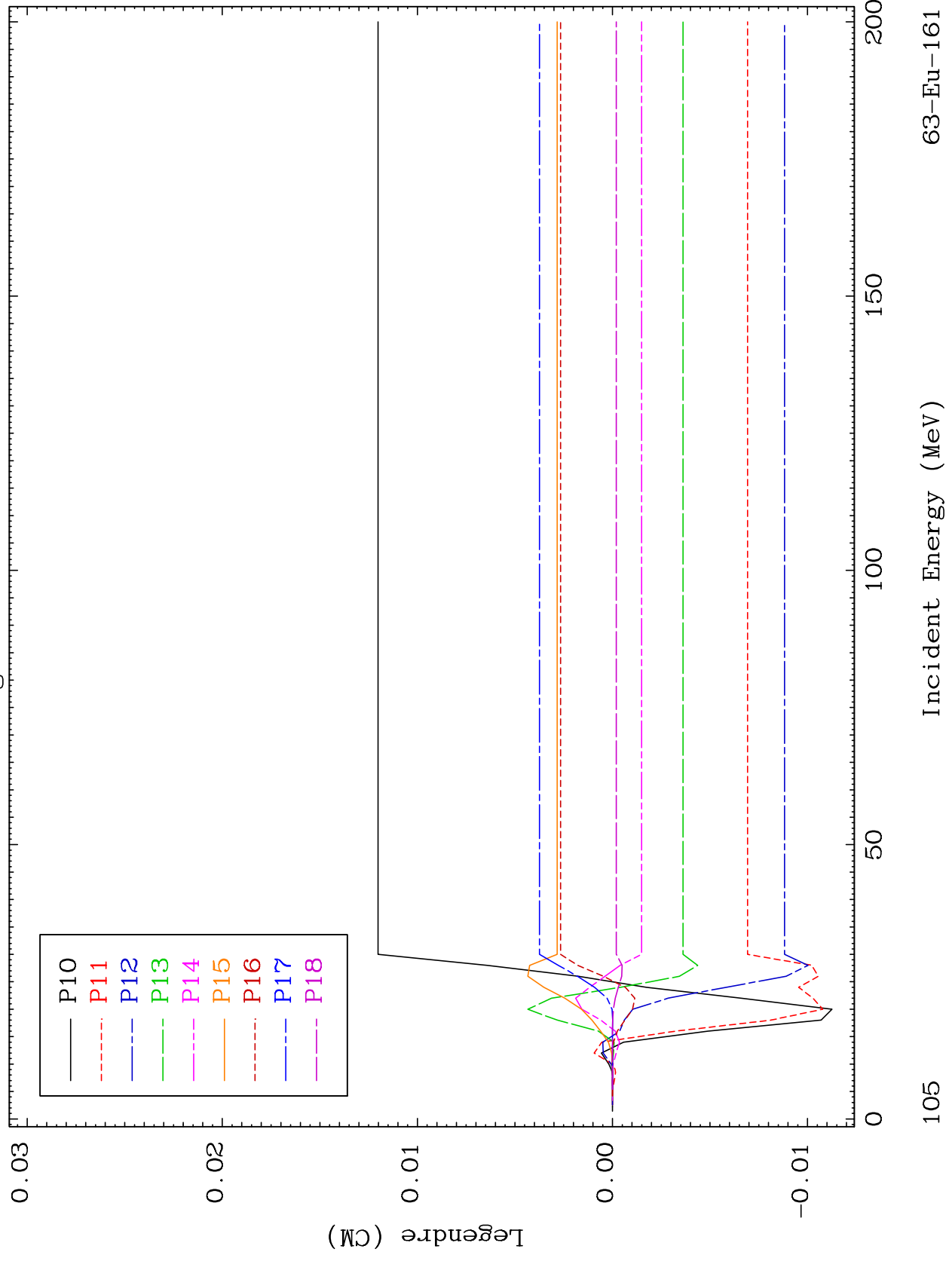
Incident Energy (MeV)

104

MAT 6355

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

63-Eu-161



63-Eu-161

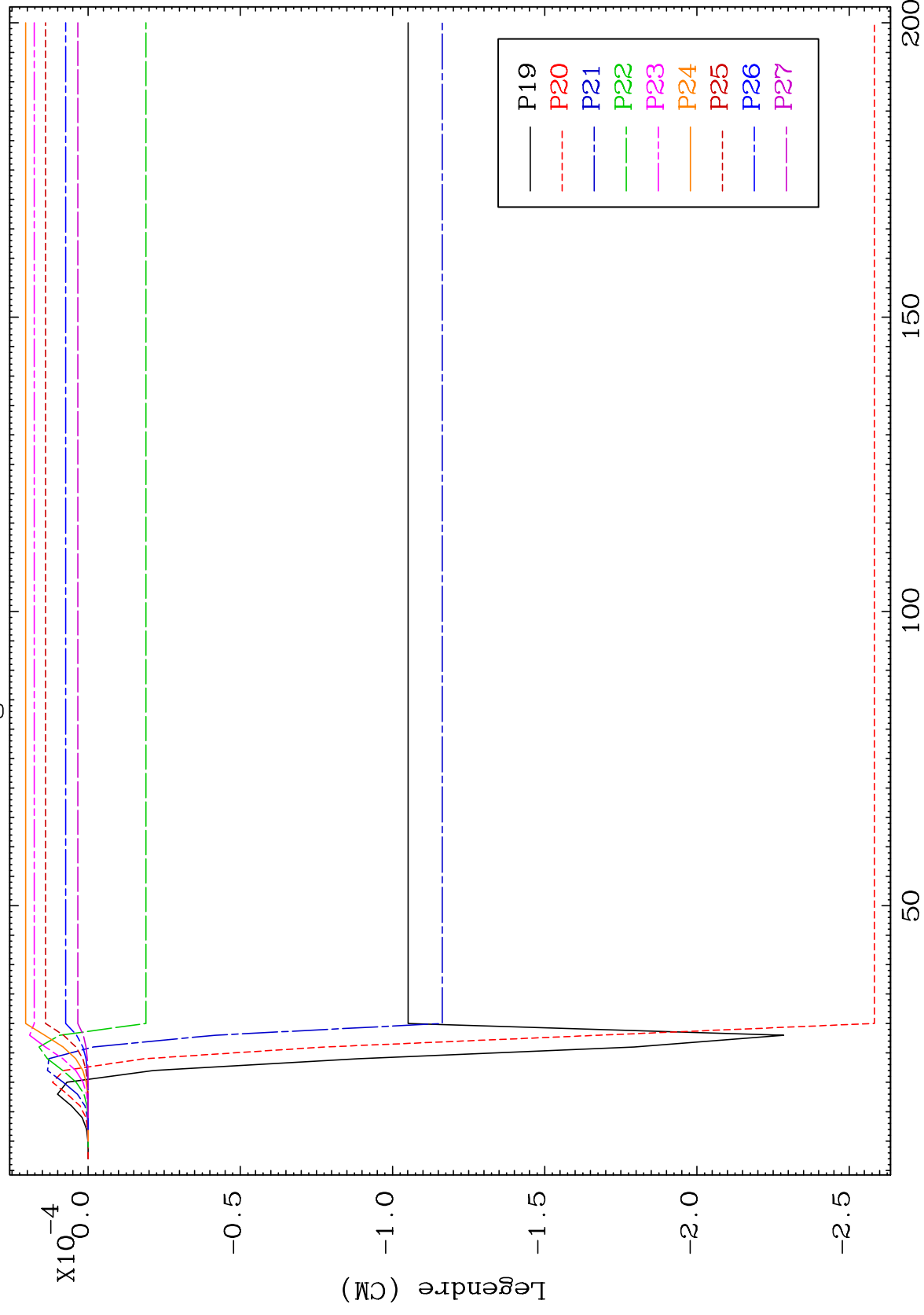
Incident Energy (MeV)

105

MAT 6355

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

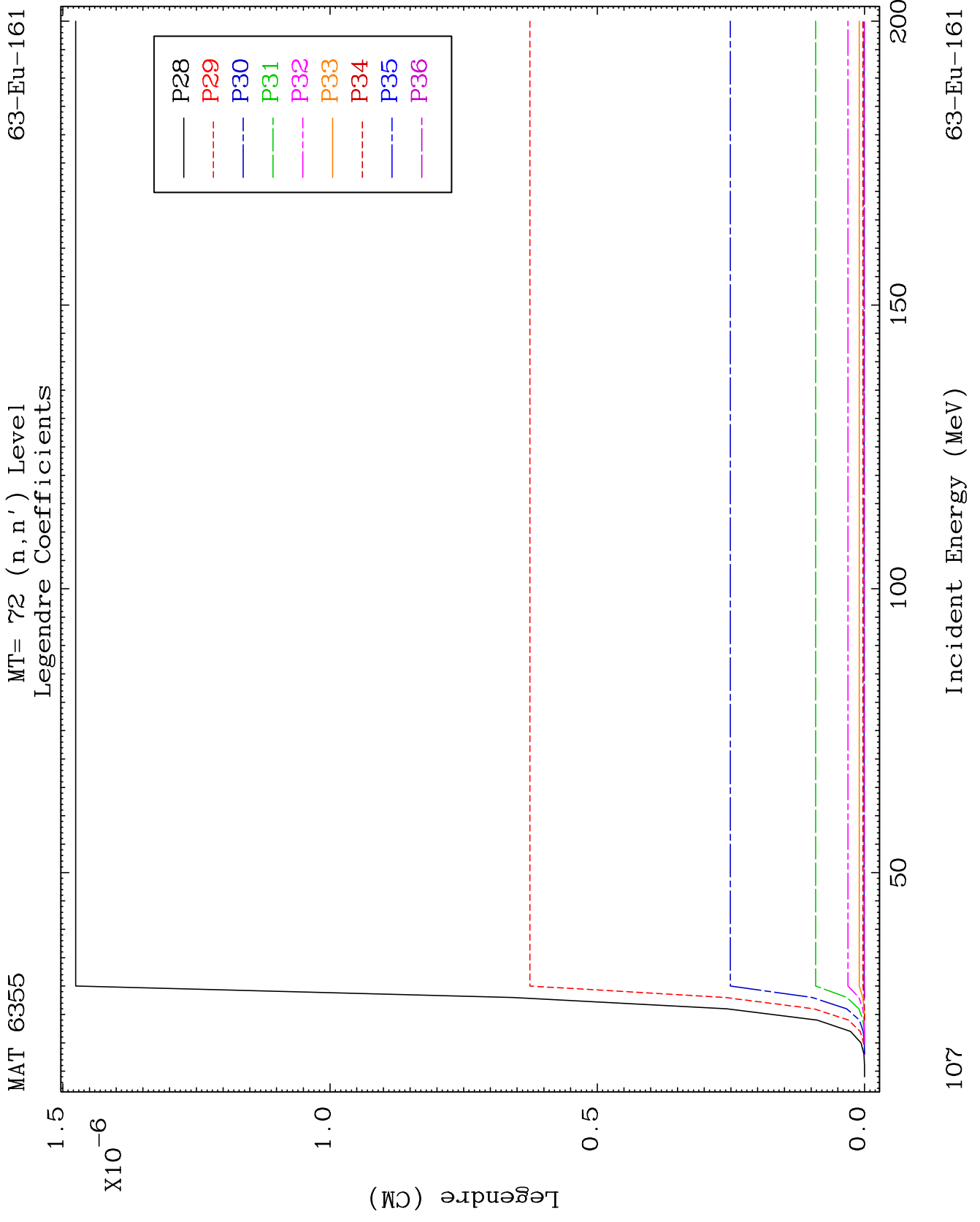
63-Eu-161

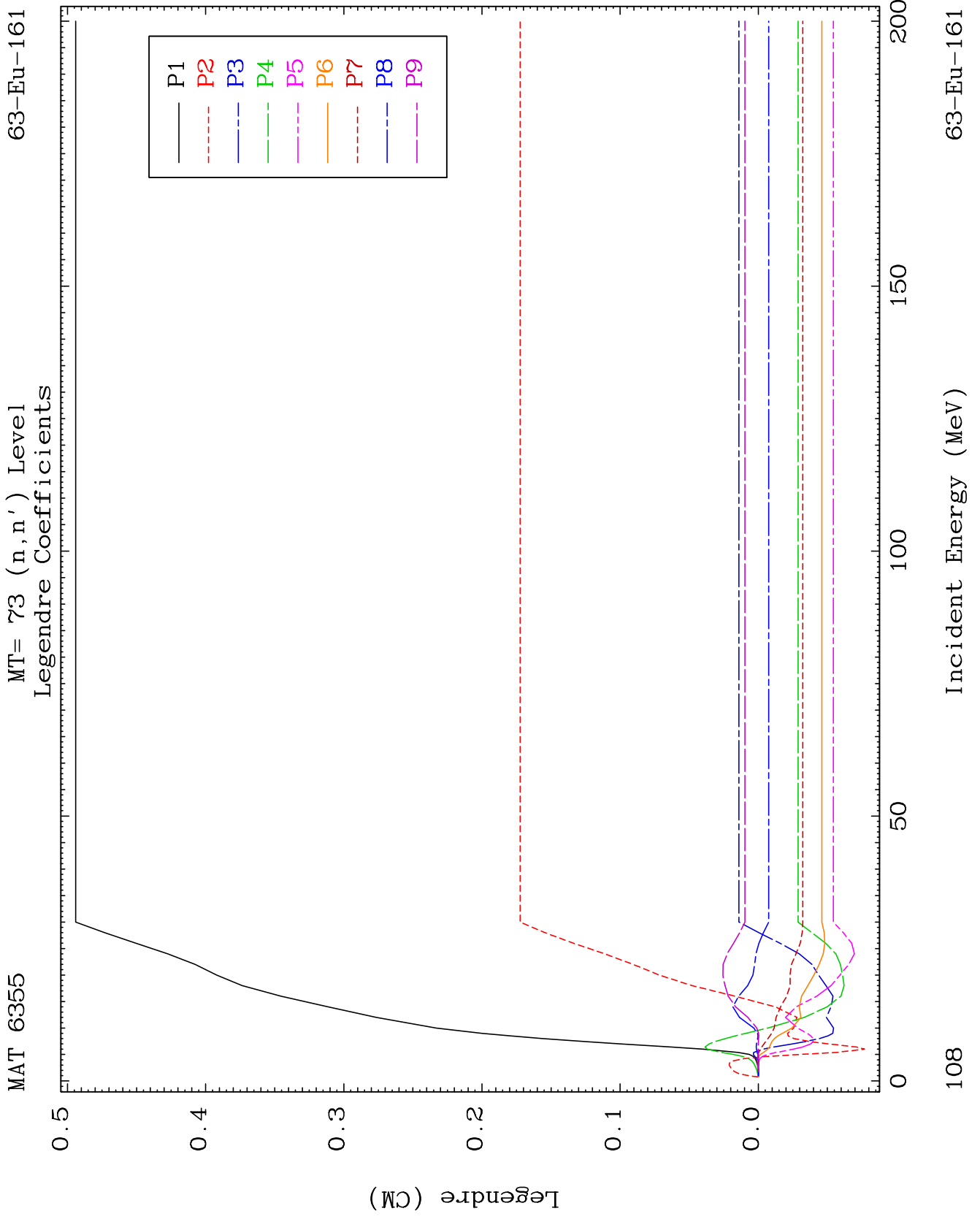


106

Incident Energy (MeV)

63-Eu-161

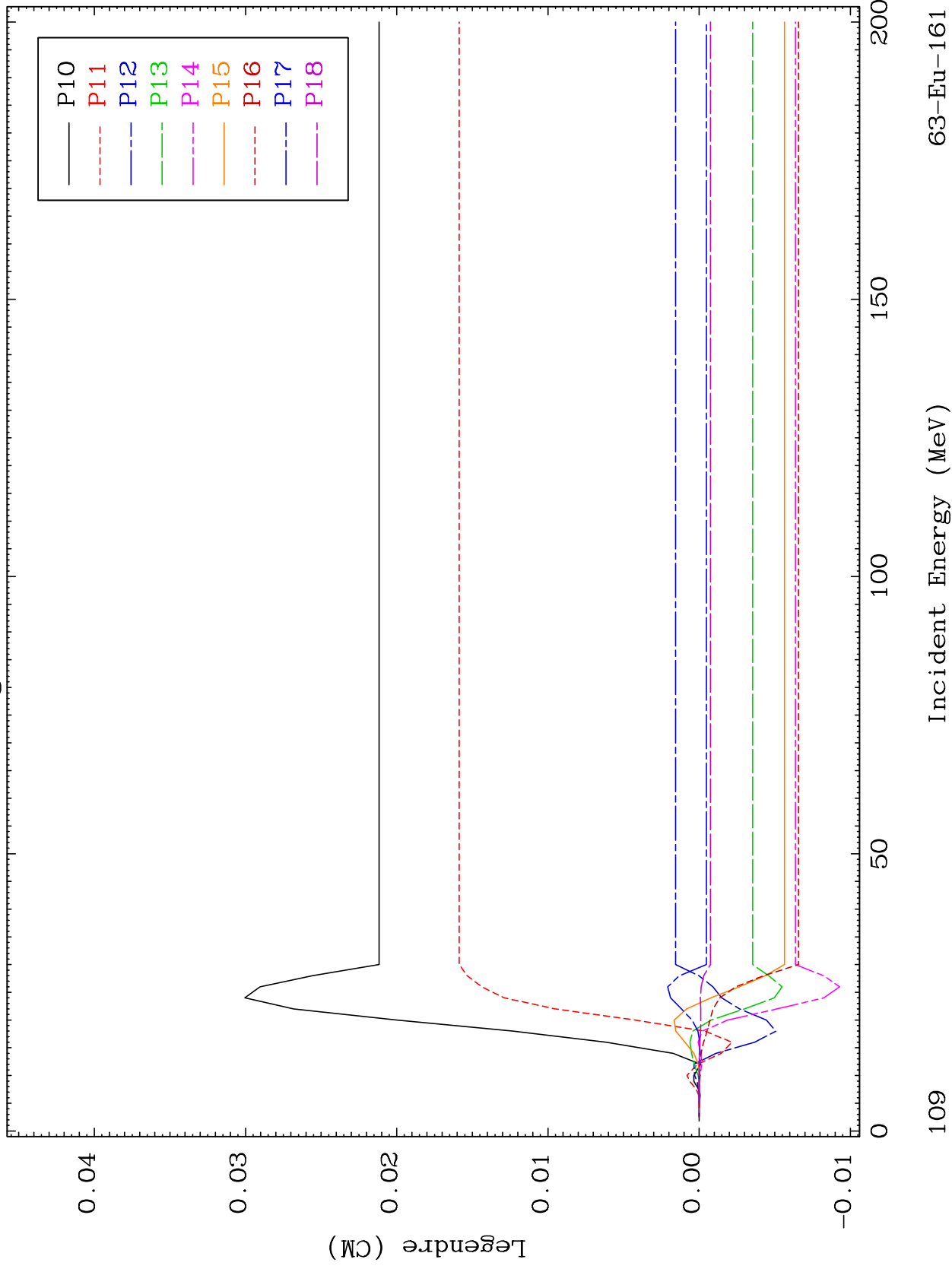




MAT 6355

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

63-Eu-161



109

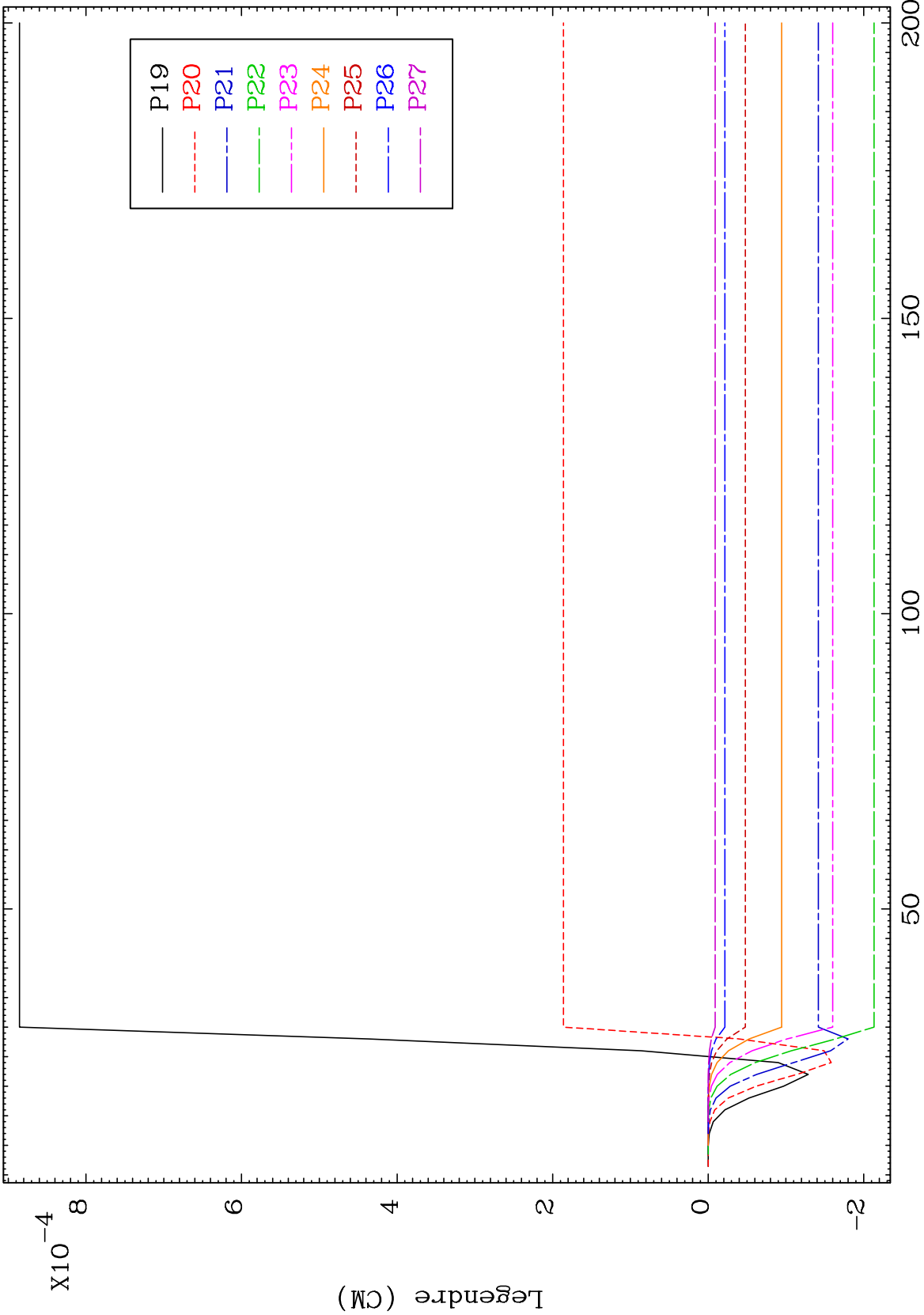
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



110

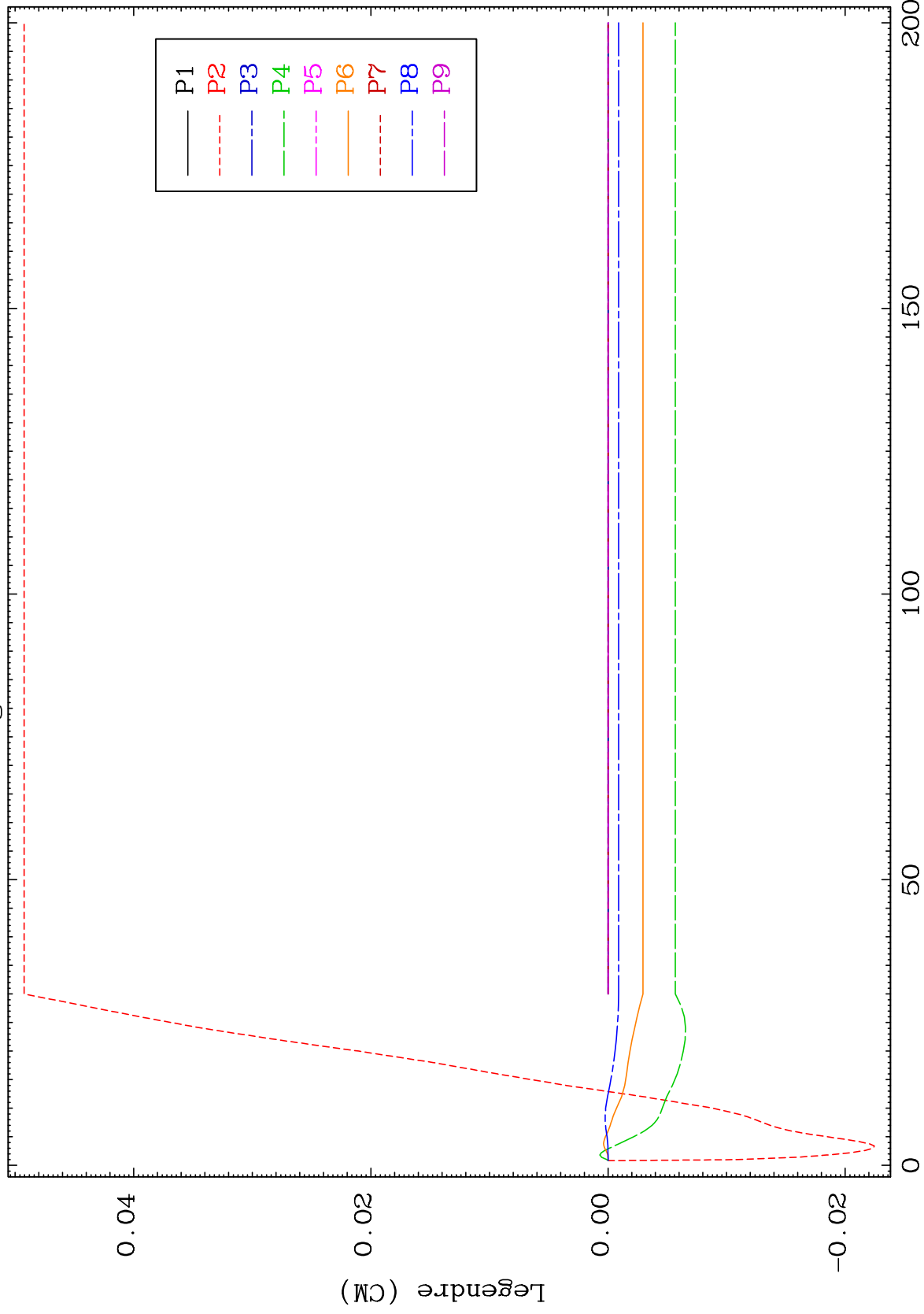
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



63-Eu-161

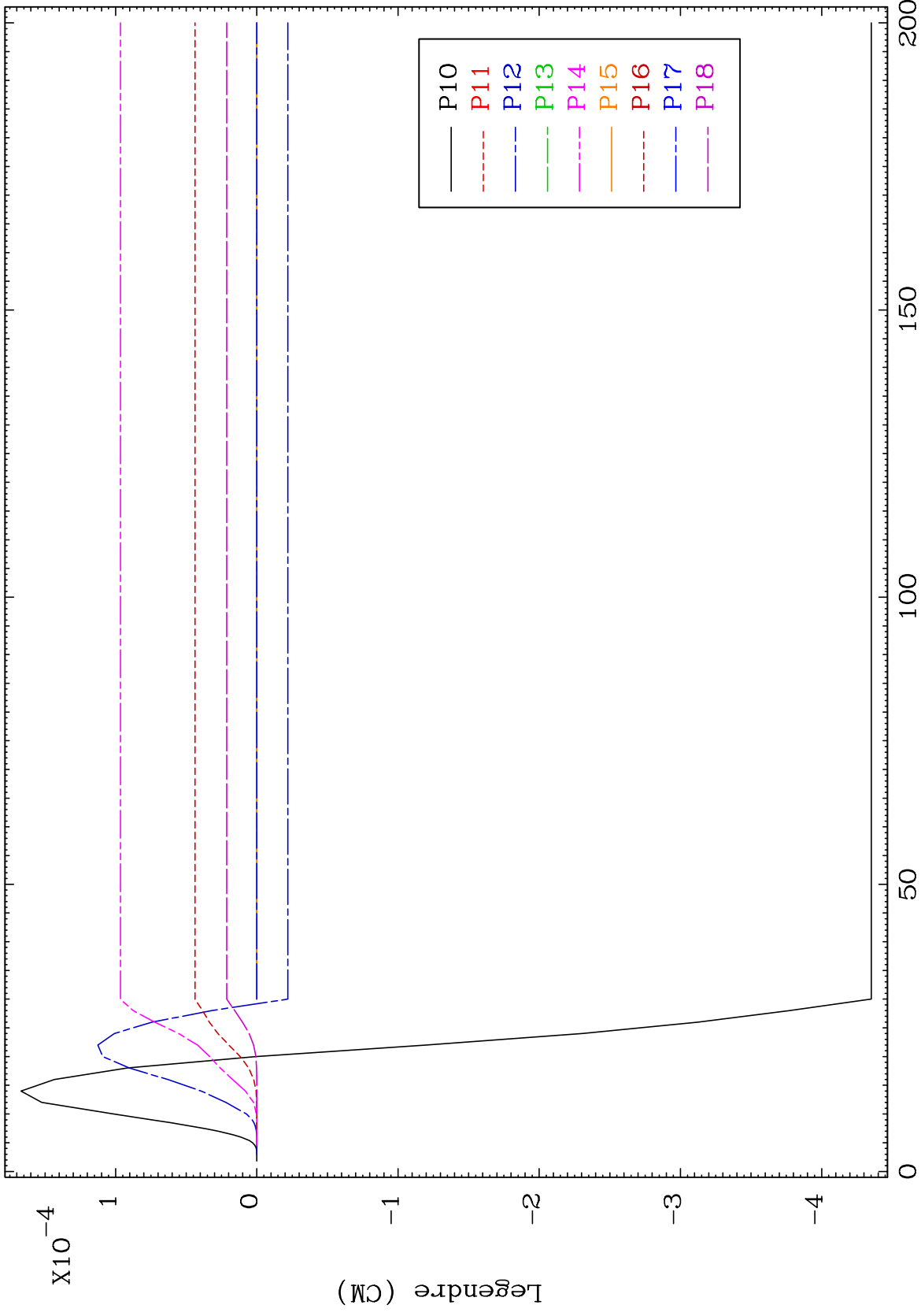
Incident Energy (MeV)

112

MAT 6355

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

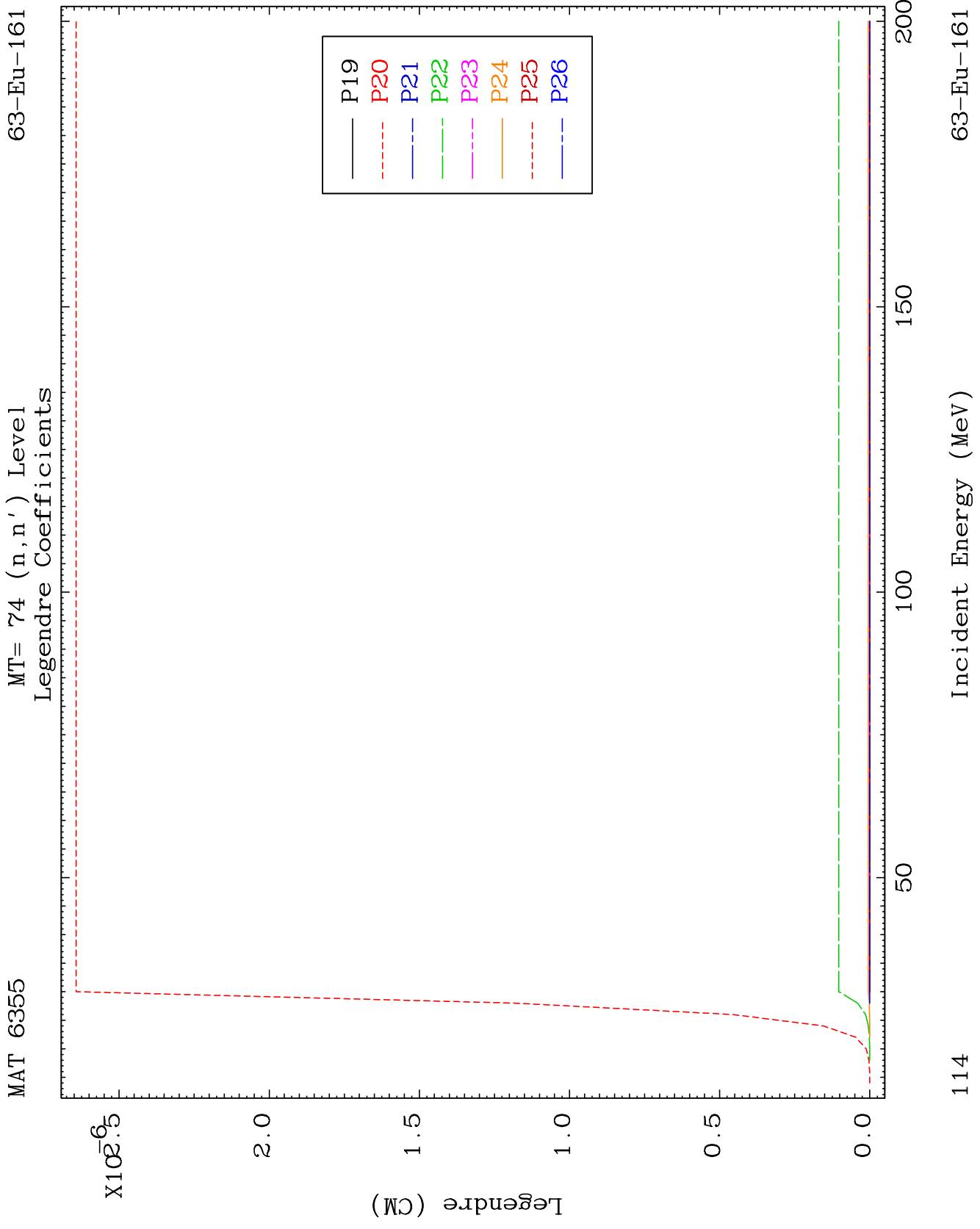
63-Eu-161

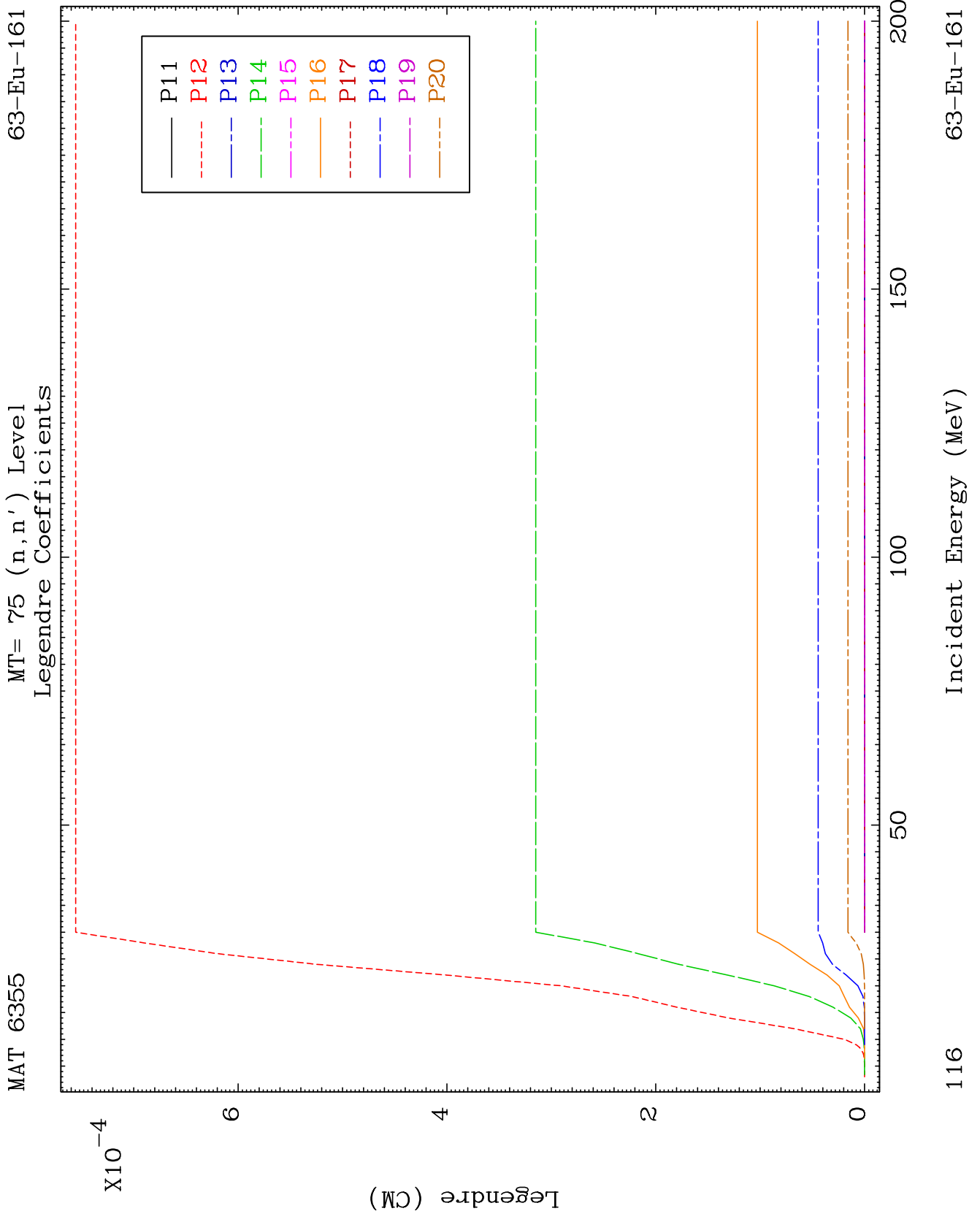


113

Incident Energy (MeV)

63-Eu-161

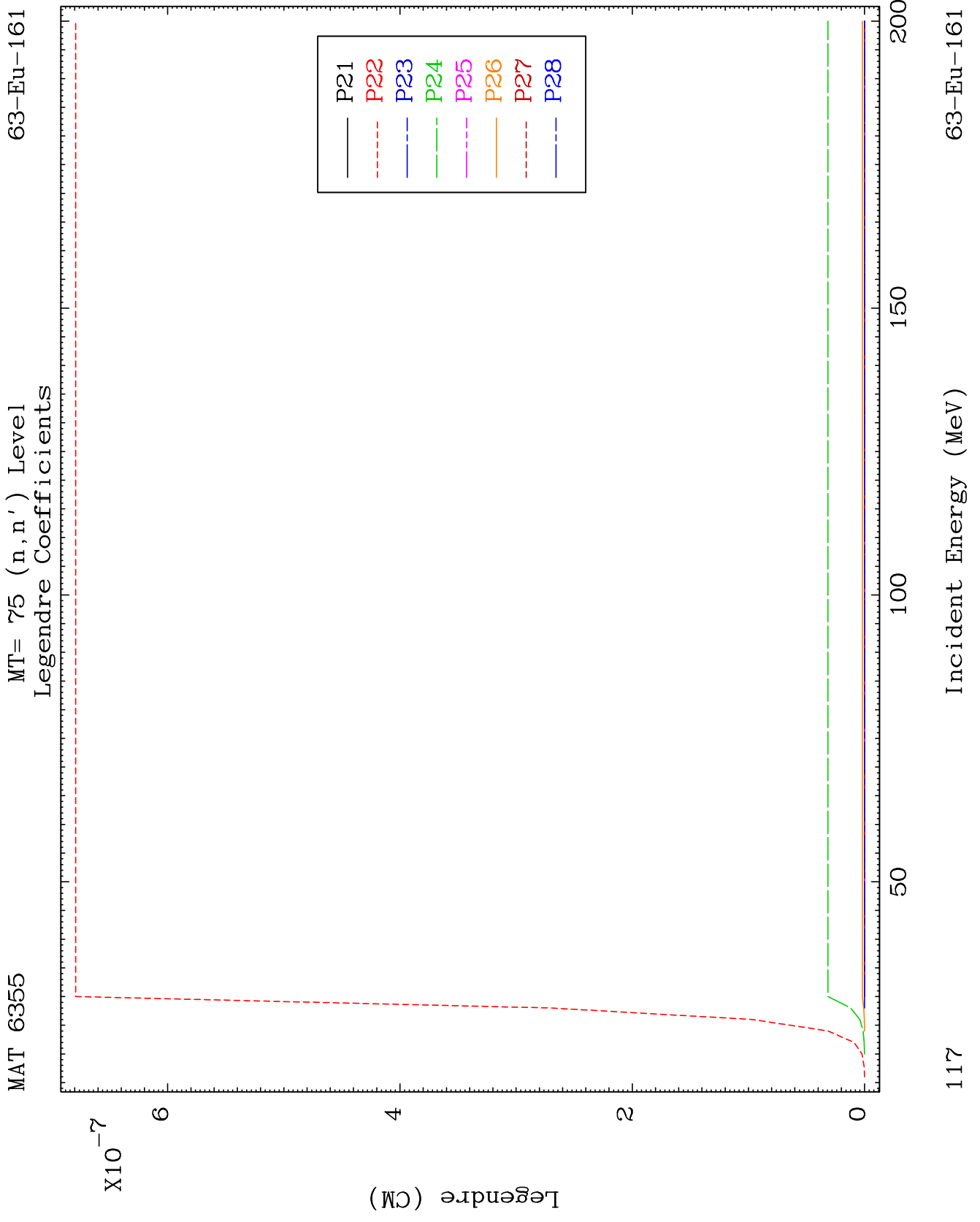




63-Eu-161

63-Eu-161

116



63-Eu-161

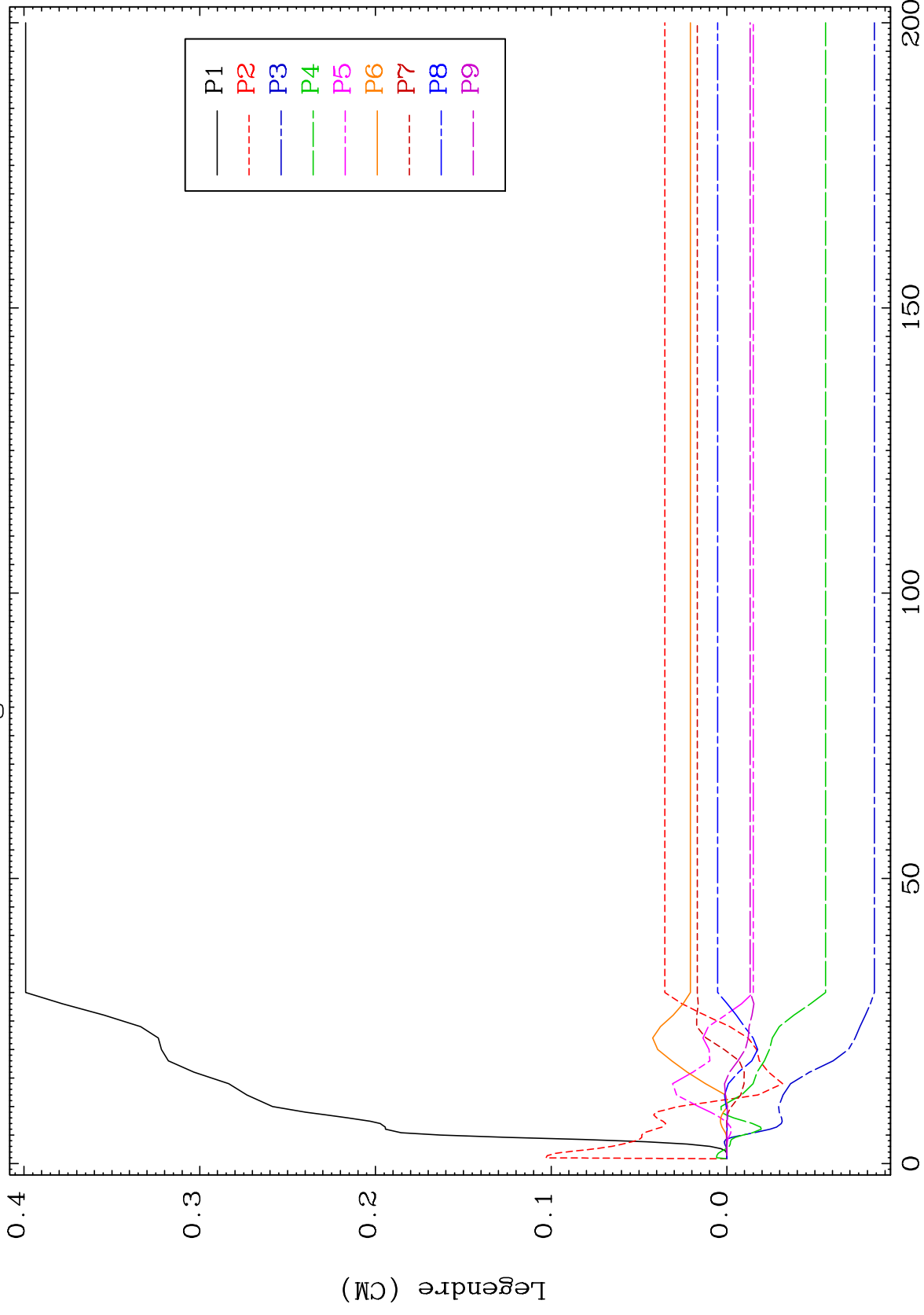
Incident Energy (MeV)

117

MAT 6355

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

63-Eu-161



118

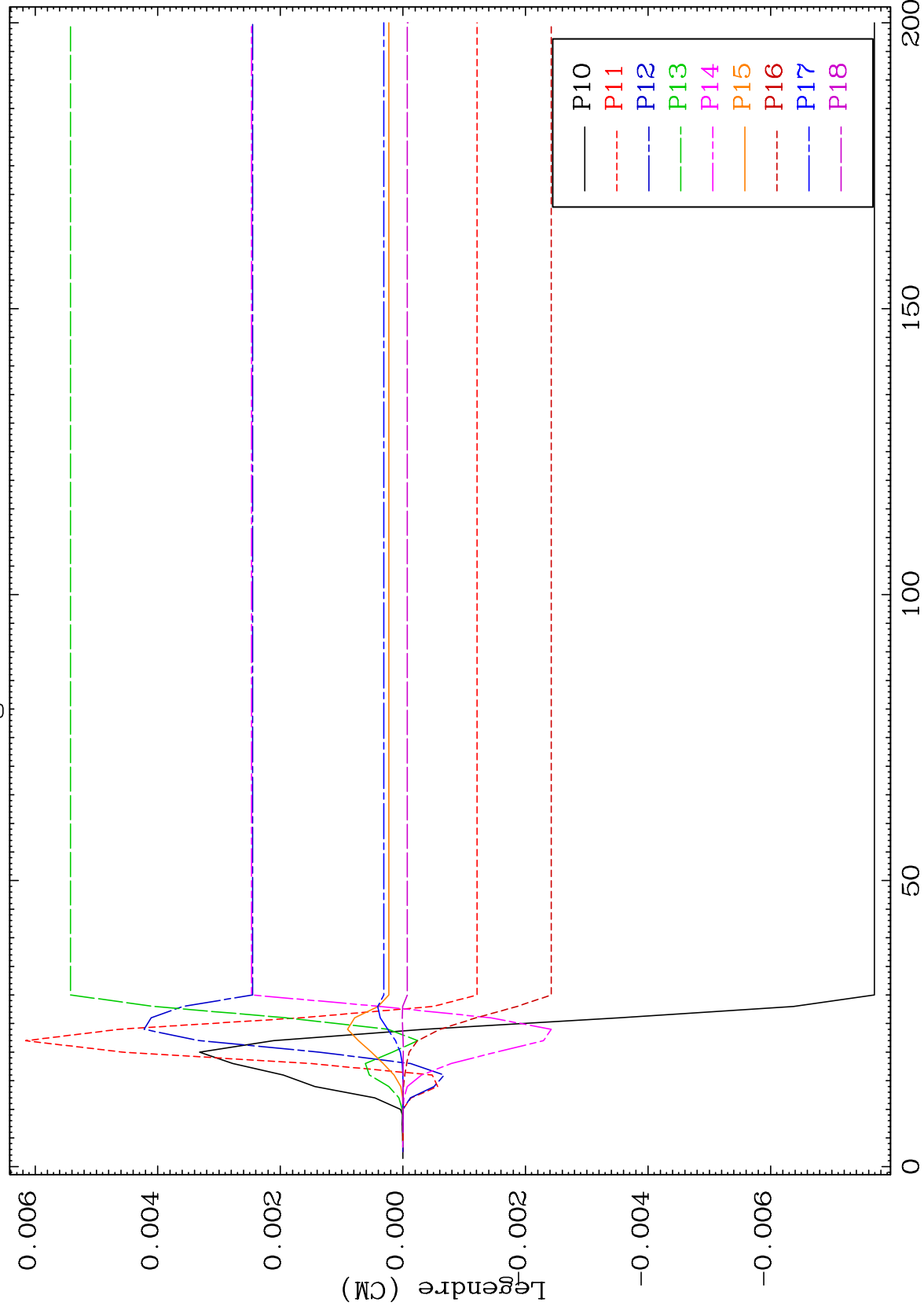
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



119

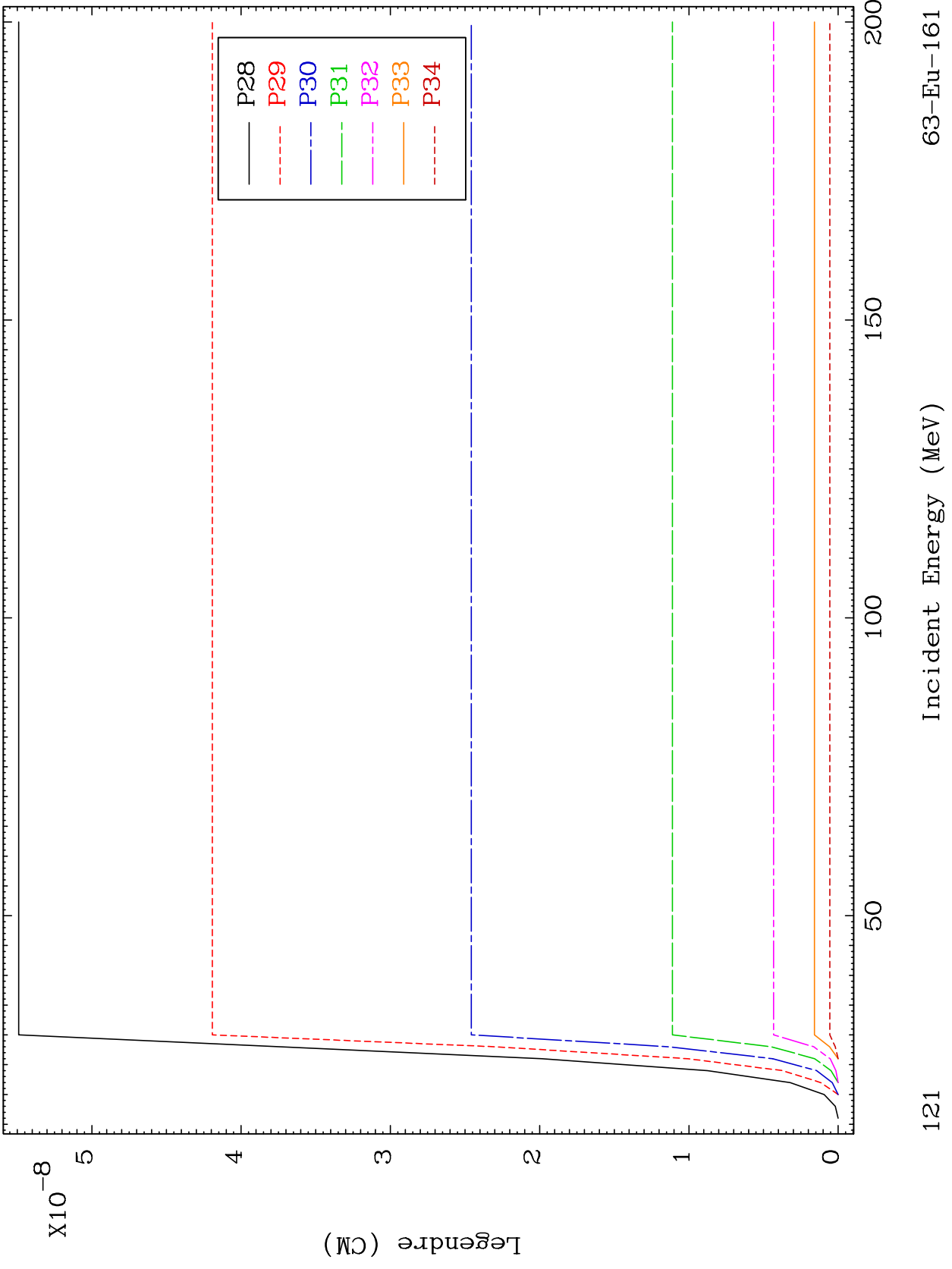
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161

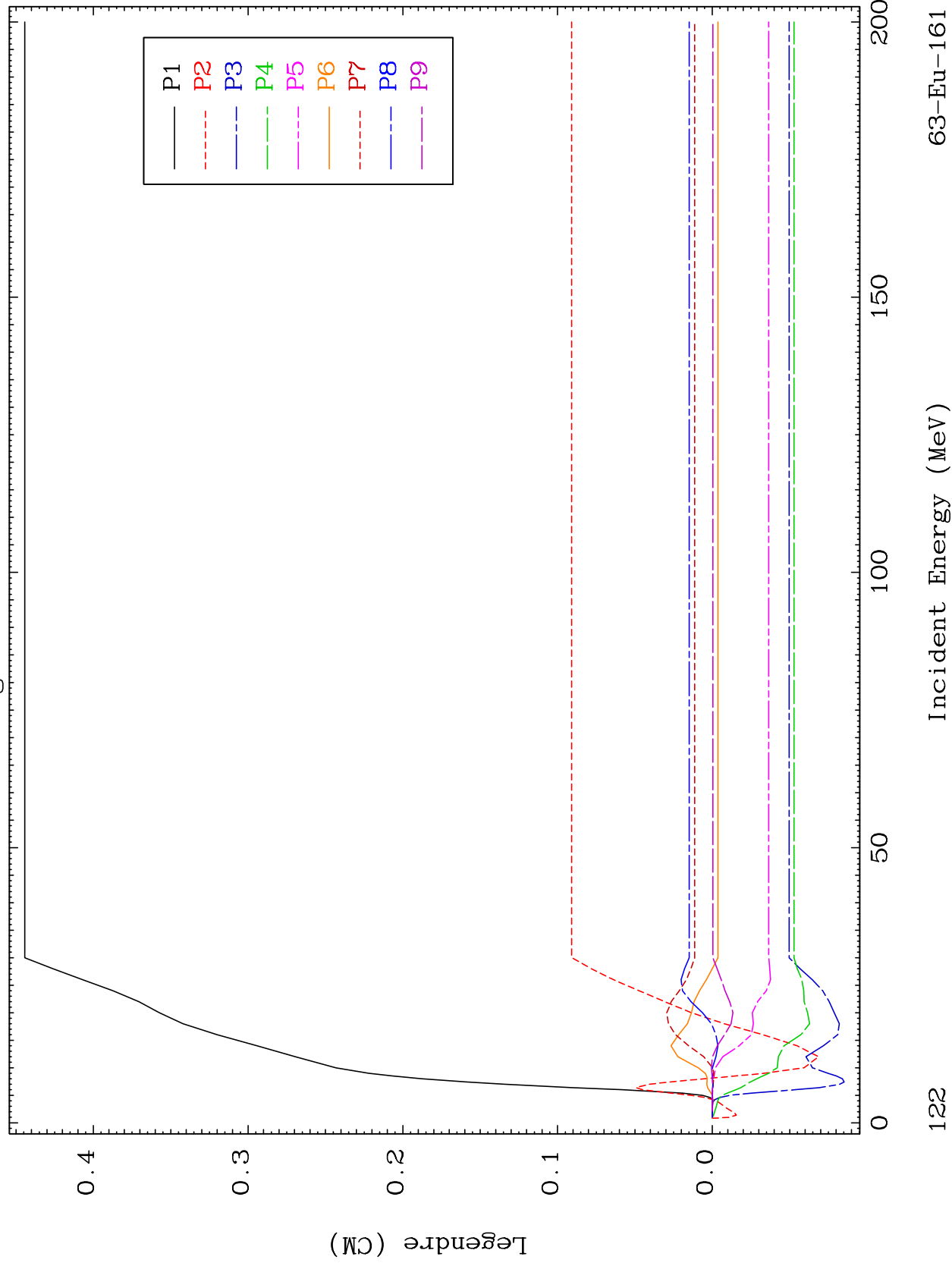


121

MAT 6355

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

63-Eu-161



63-Eu-161

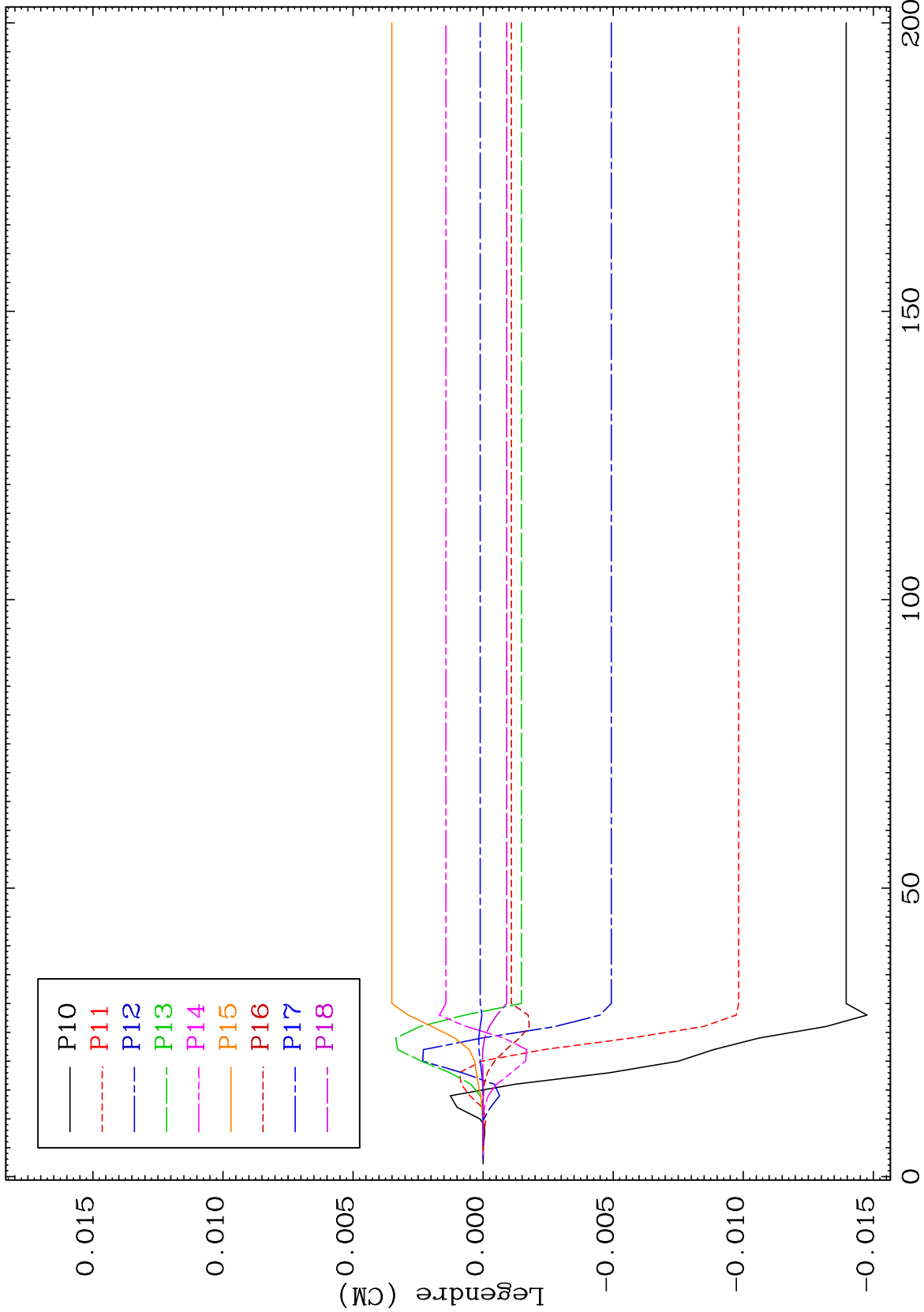
Incident Energy (MeV)

122

MAT 6355

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

63-Eu-161



123

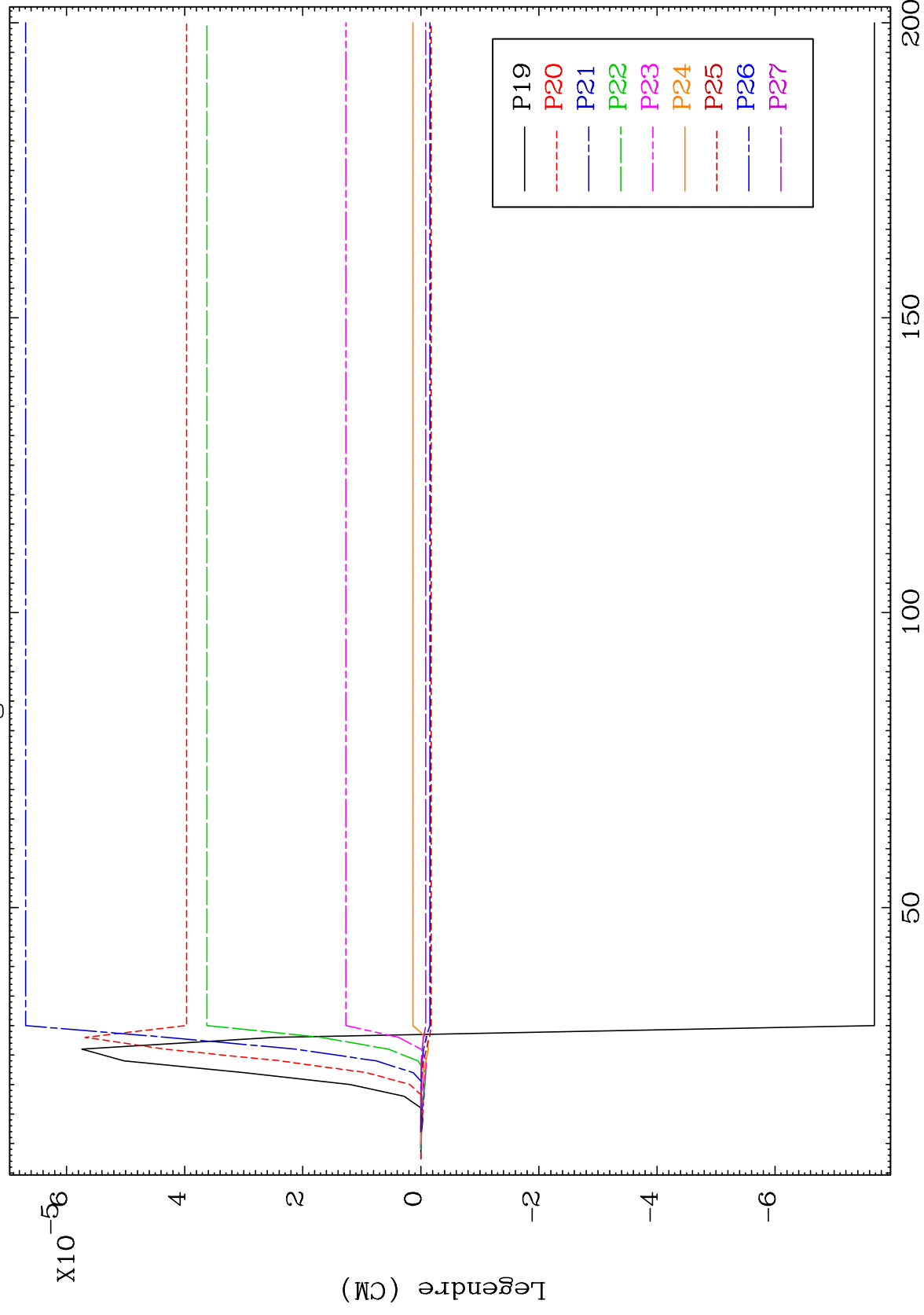
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

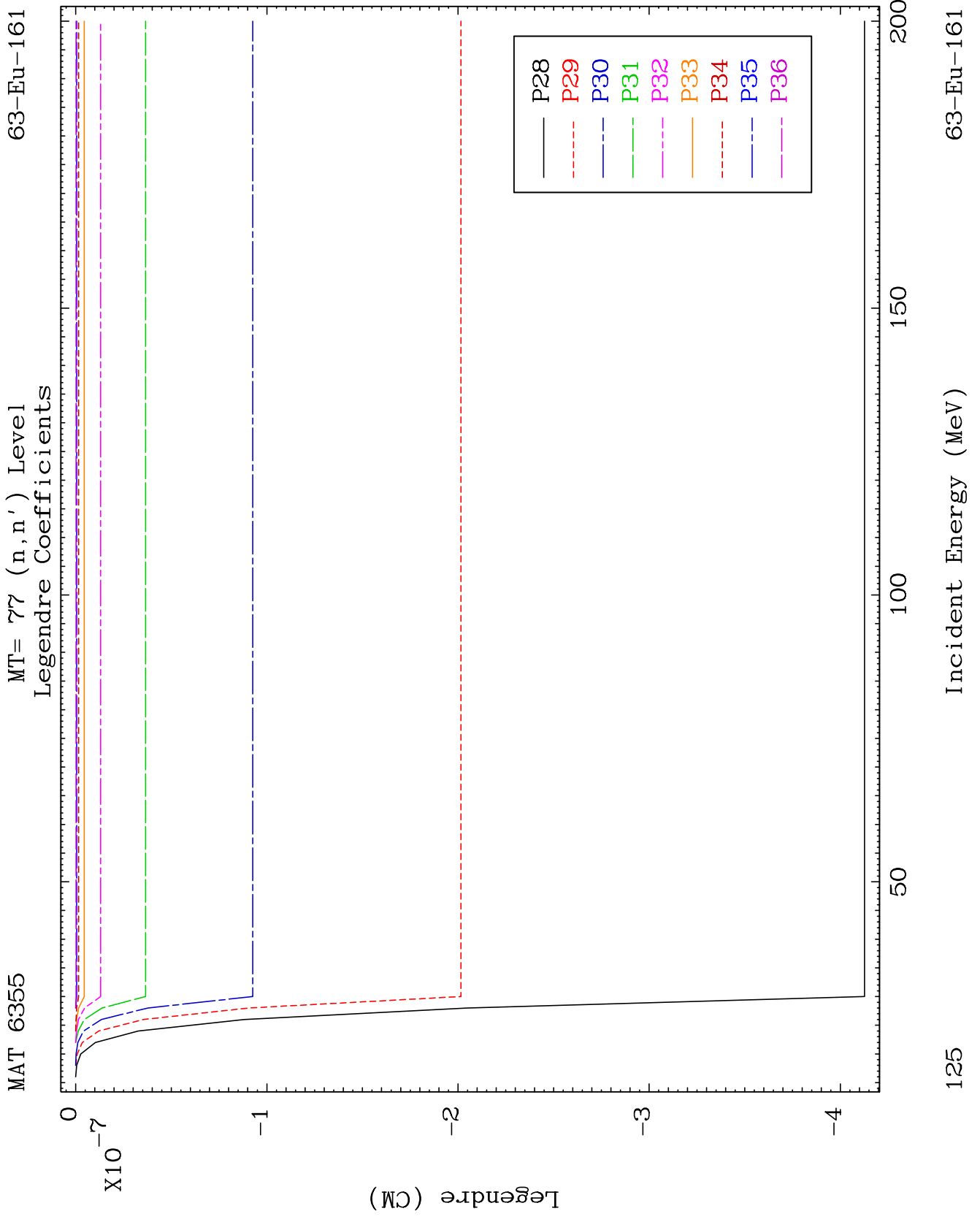
63-Eu-161

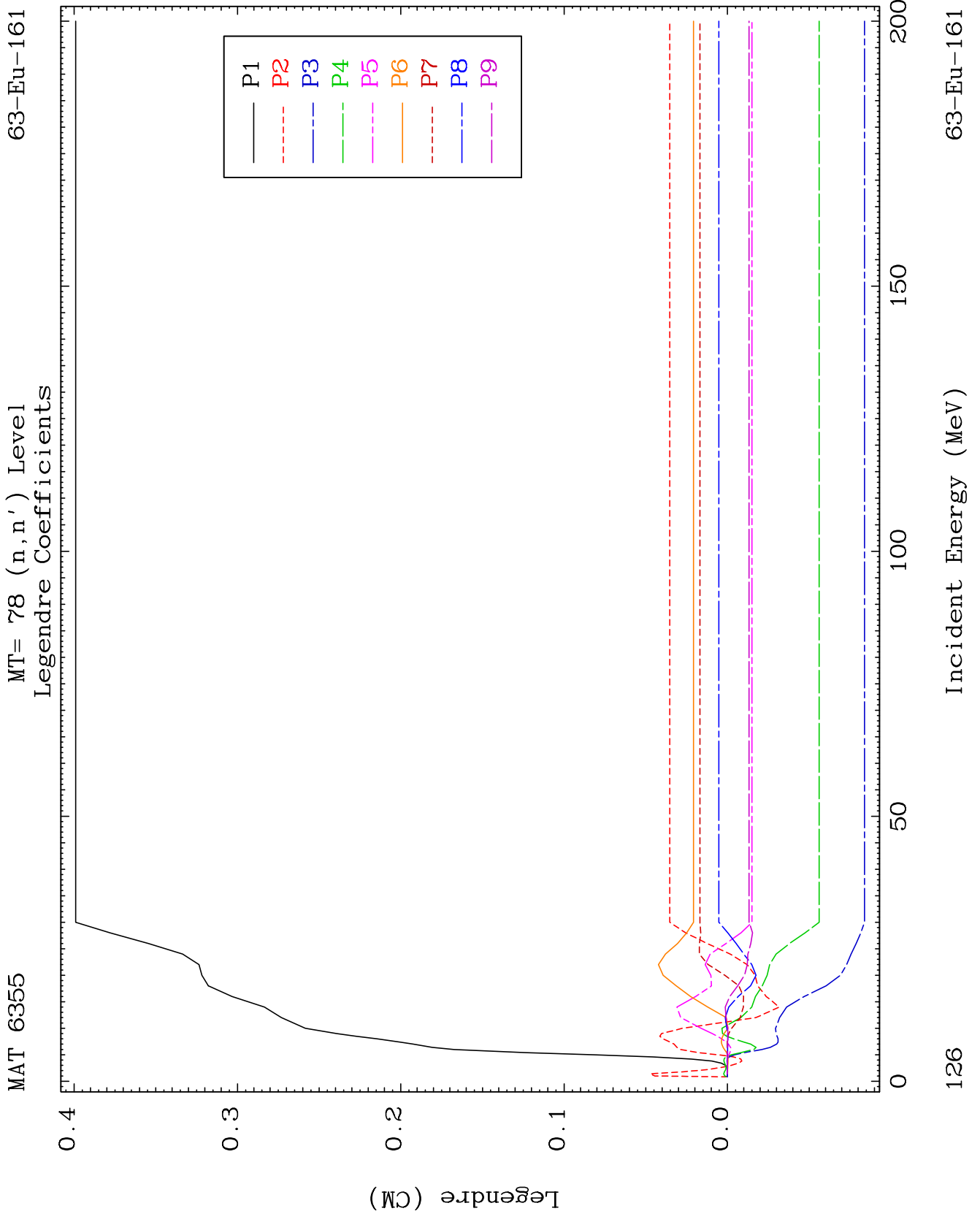


124

Incident Energy (MeV)

63-Eu-161

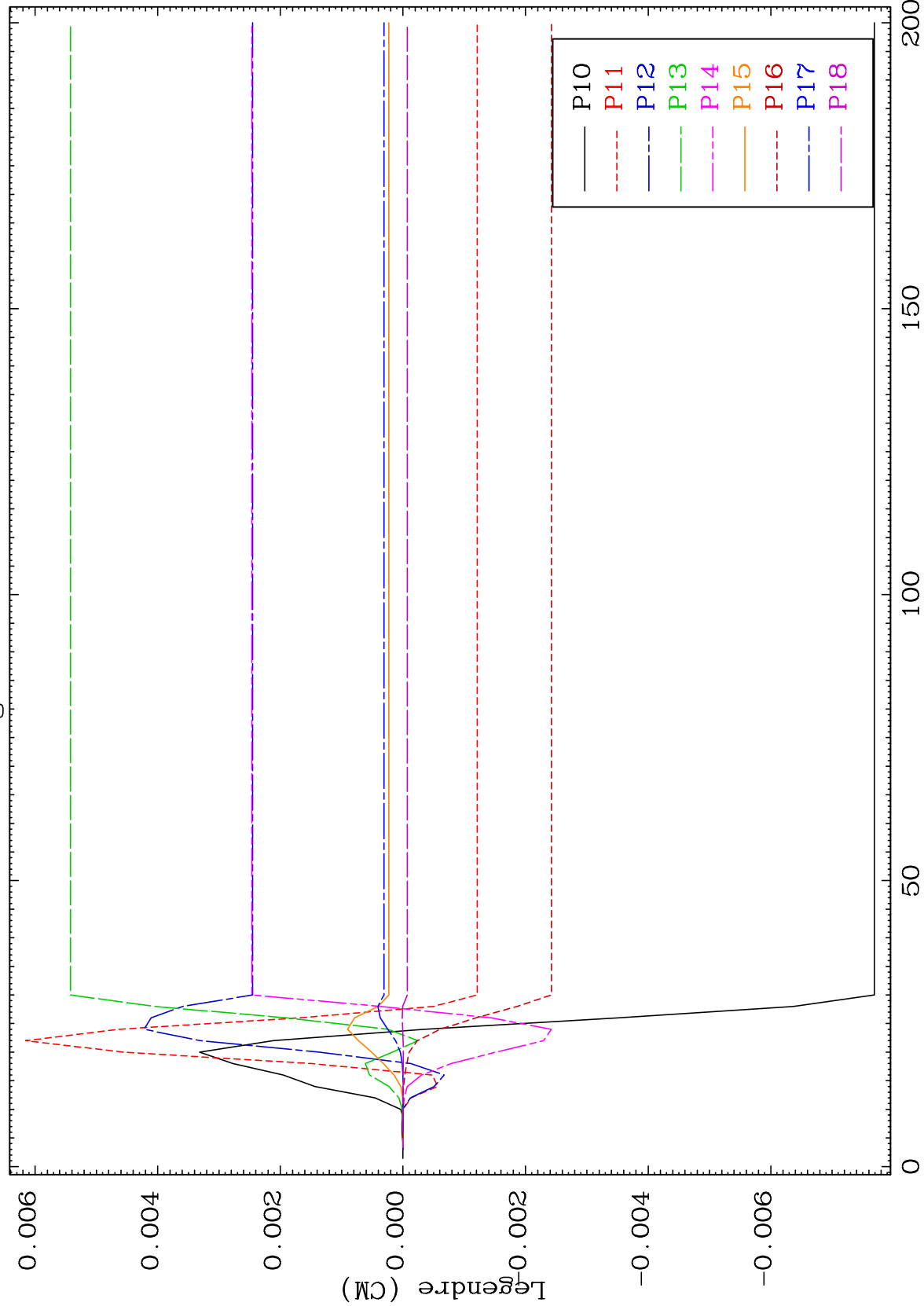




MAT 6355

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

63-Eu-161



127

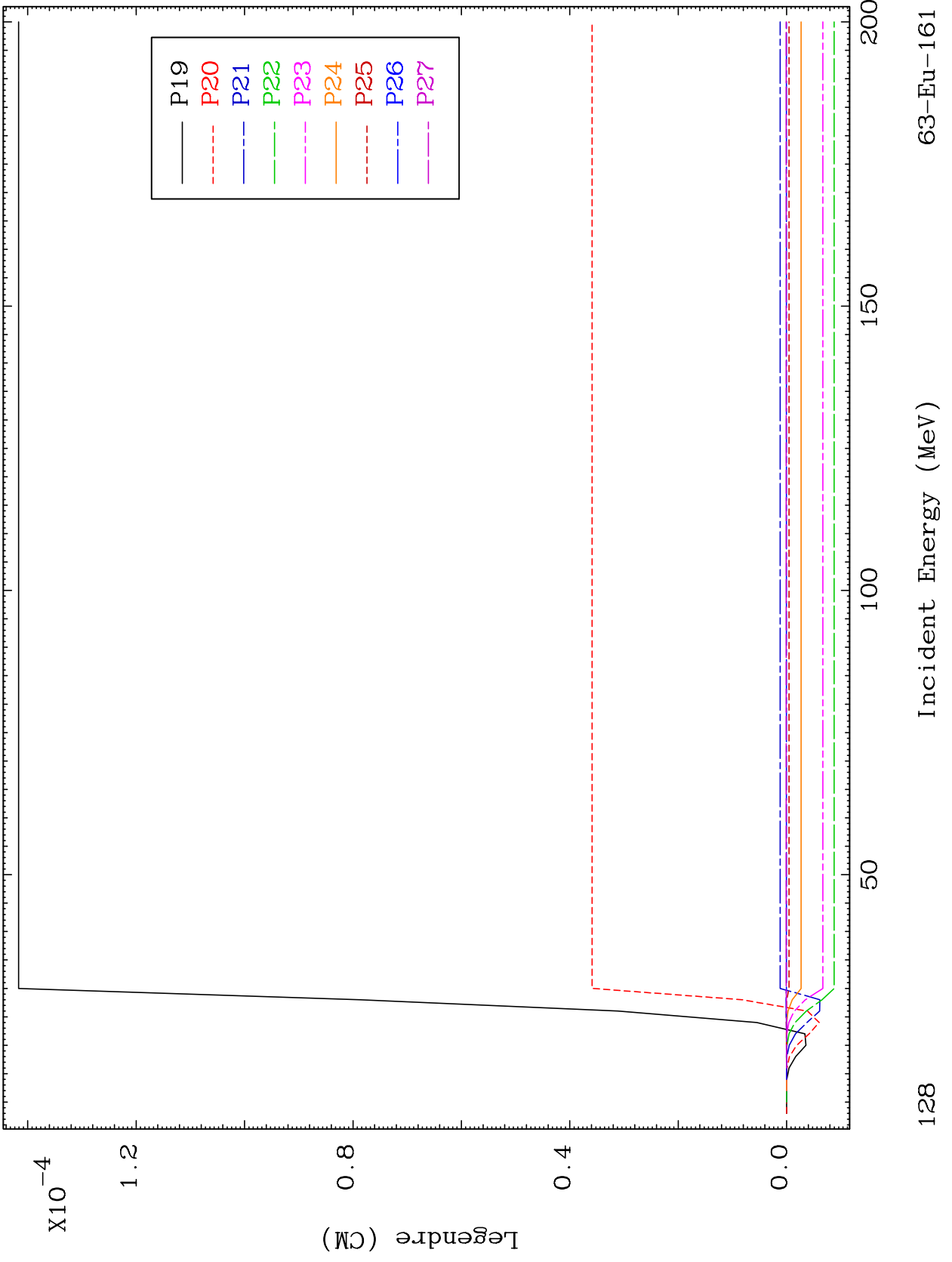
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



128

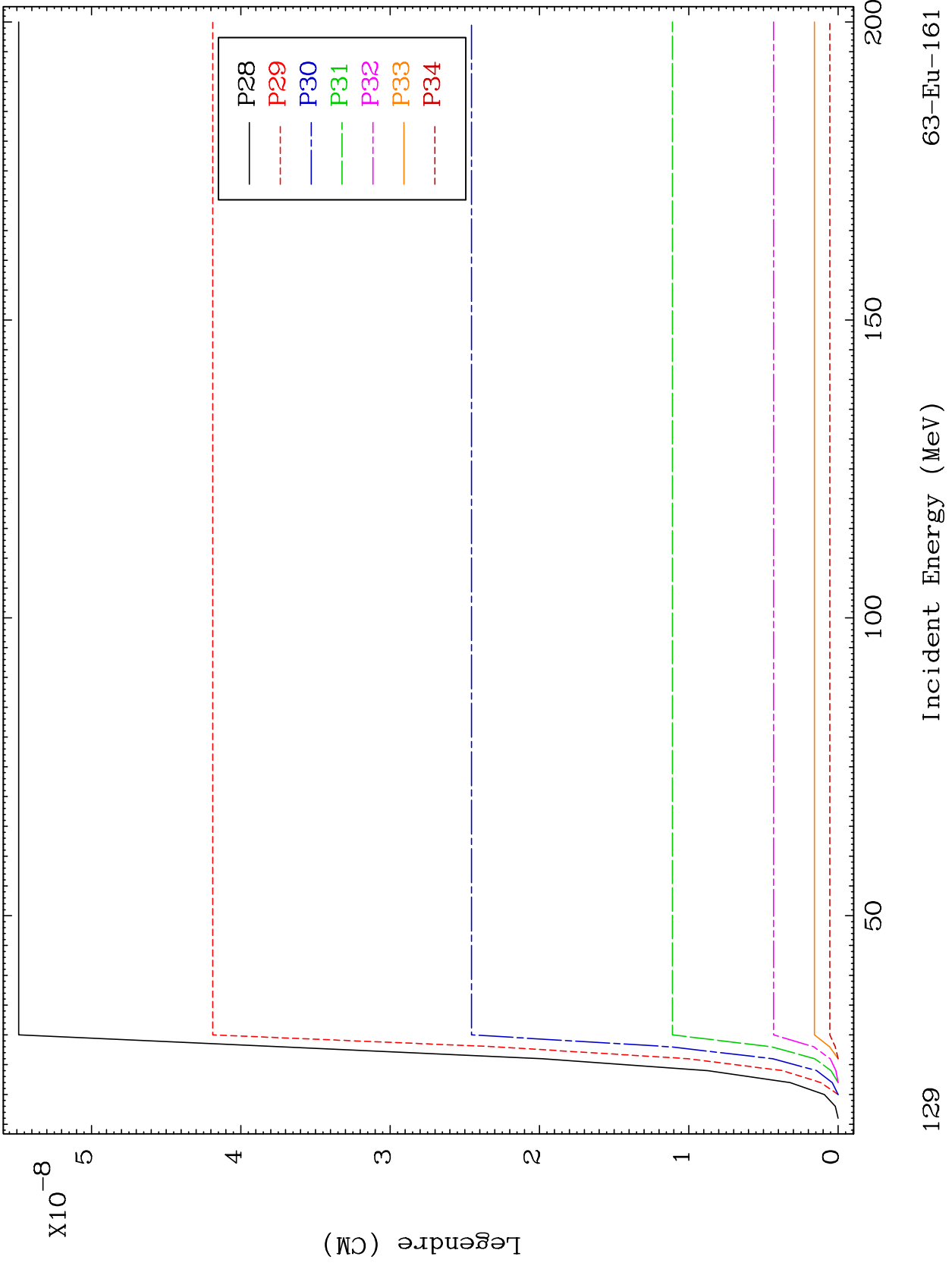
Incident Energy (MeV)

63-Eu-161

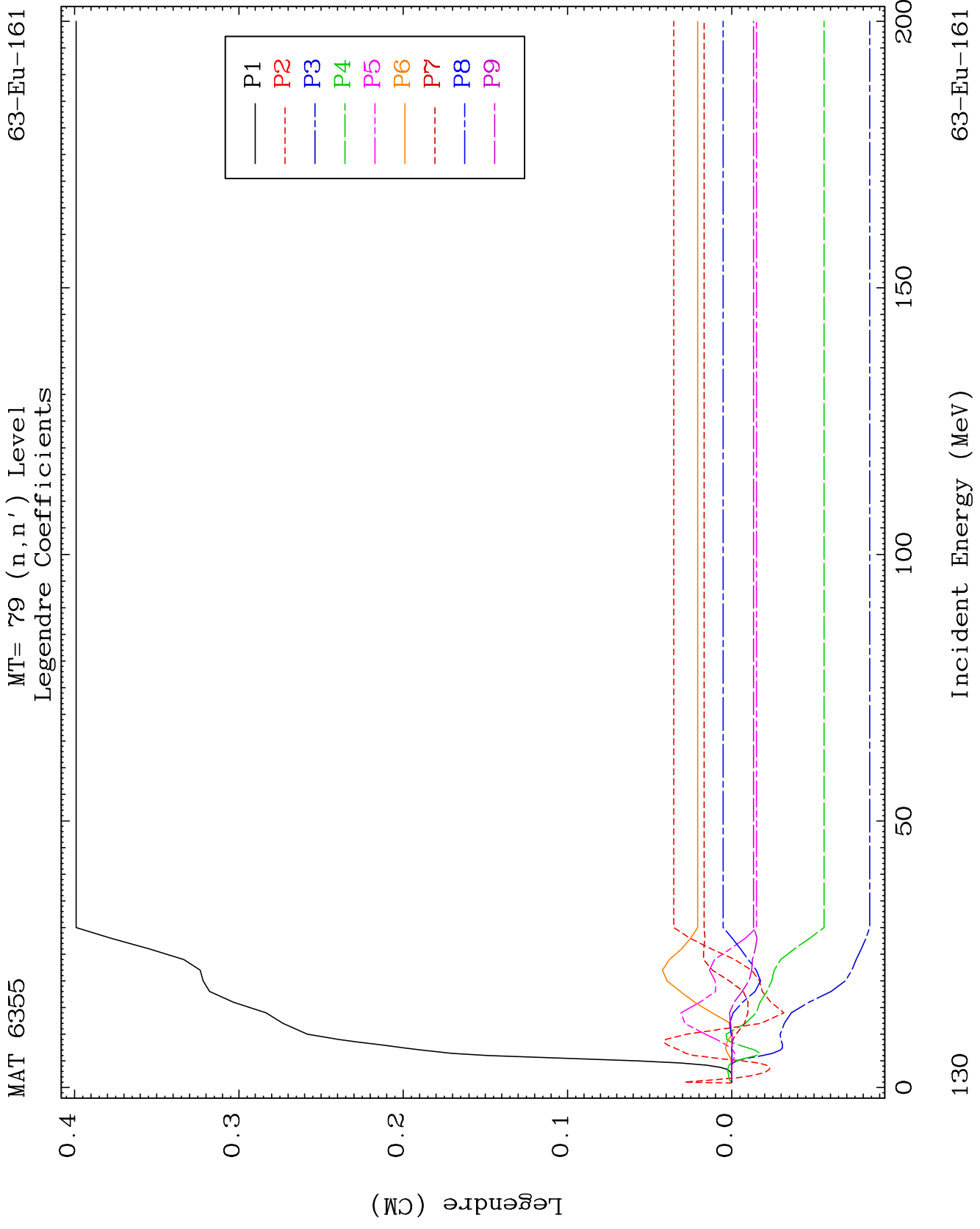
MAT 6355

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

63-Eu-161



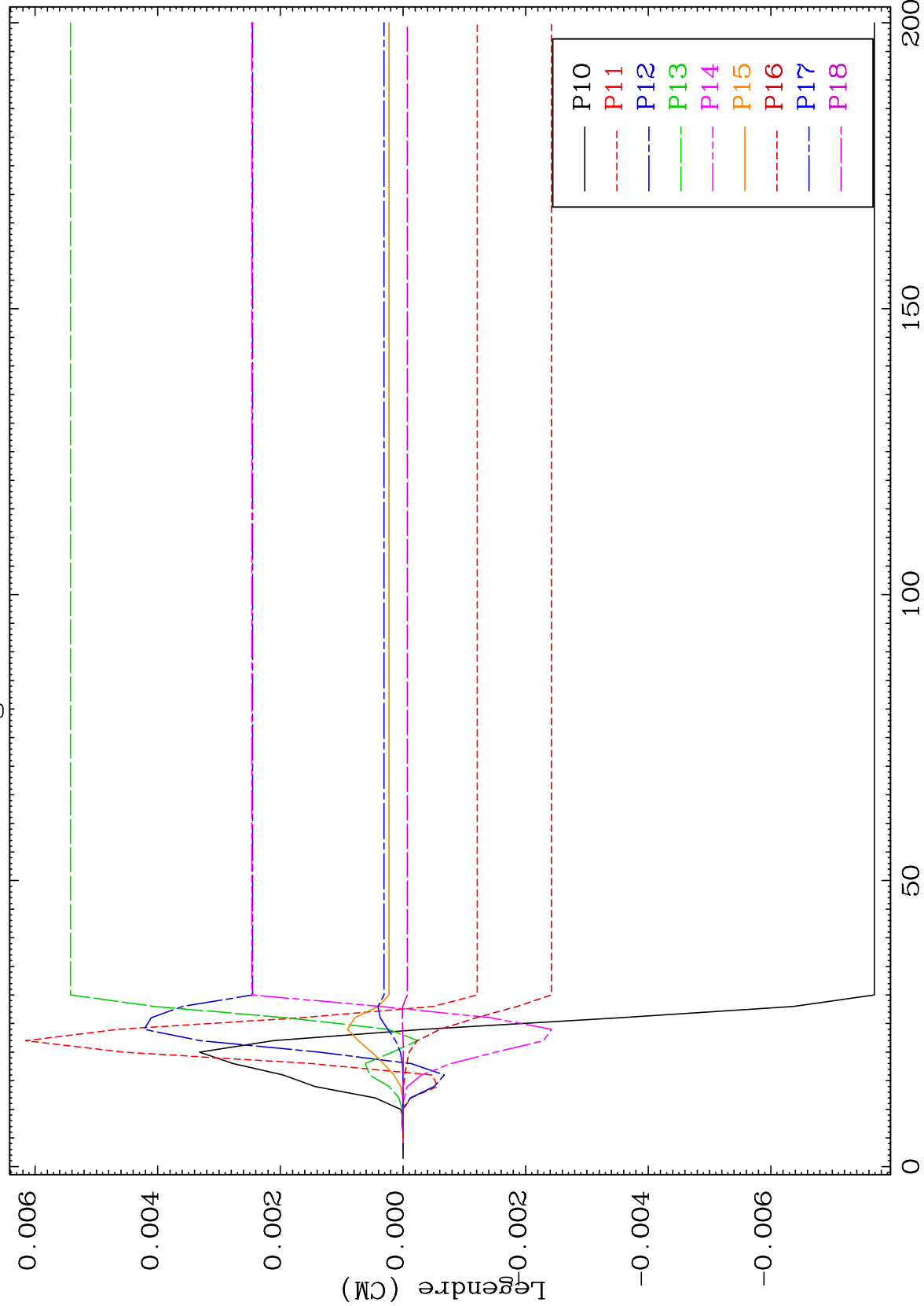
129



MAT 6355

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

63-Eu-161



131

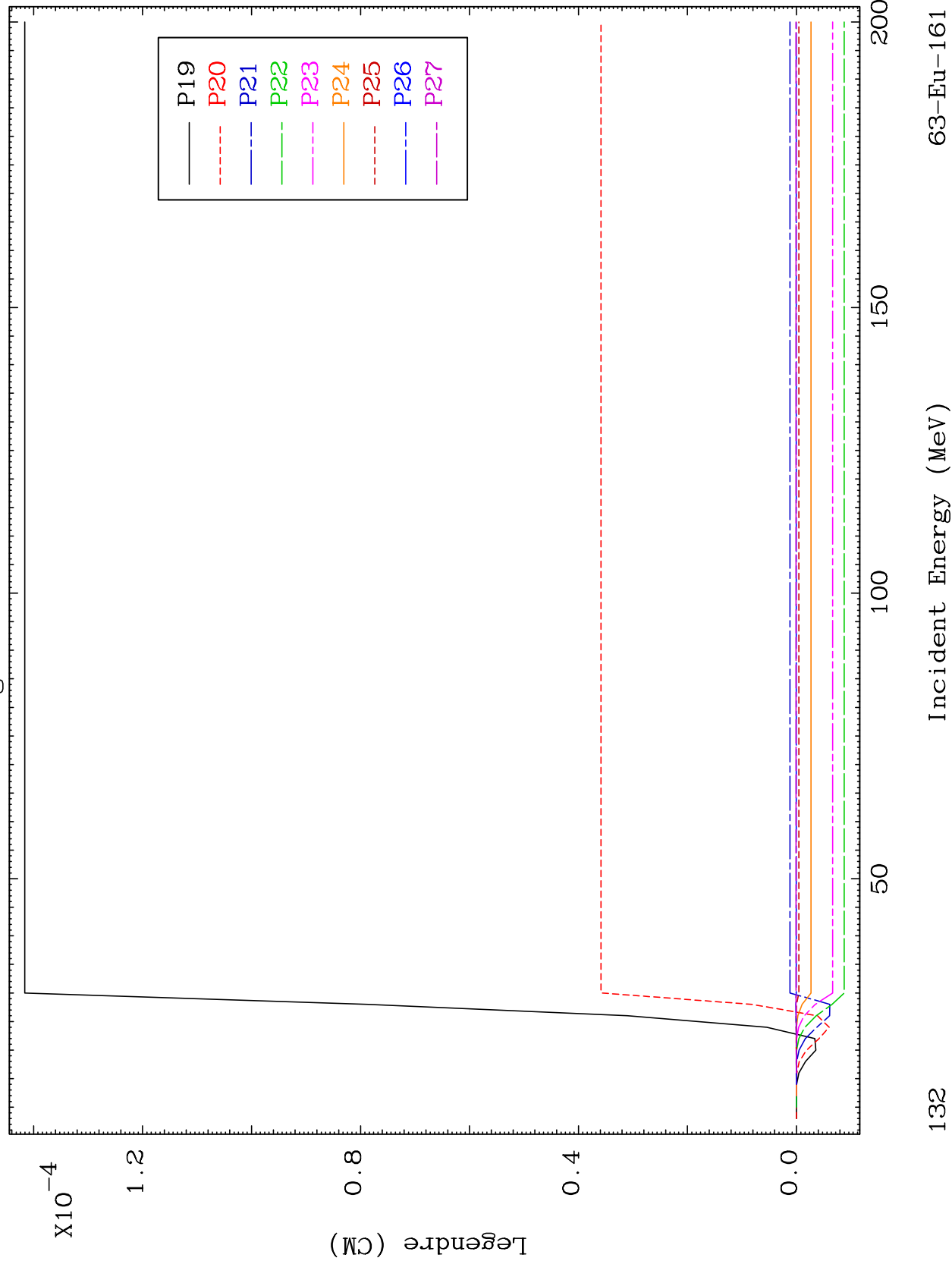
Incident Energy (MeV)

63-Eu-161

MAT 6355

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

63-Eu-161



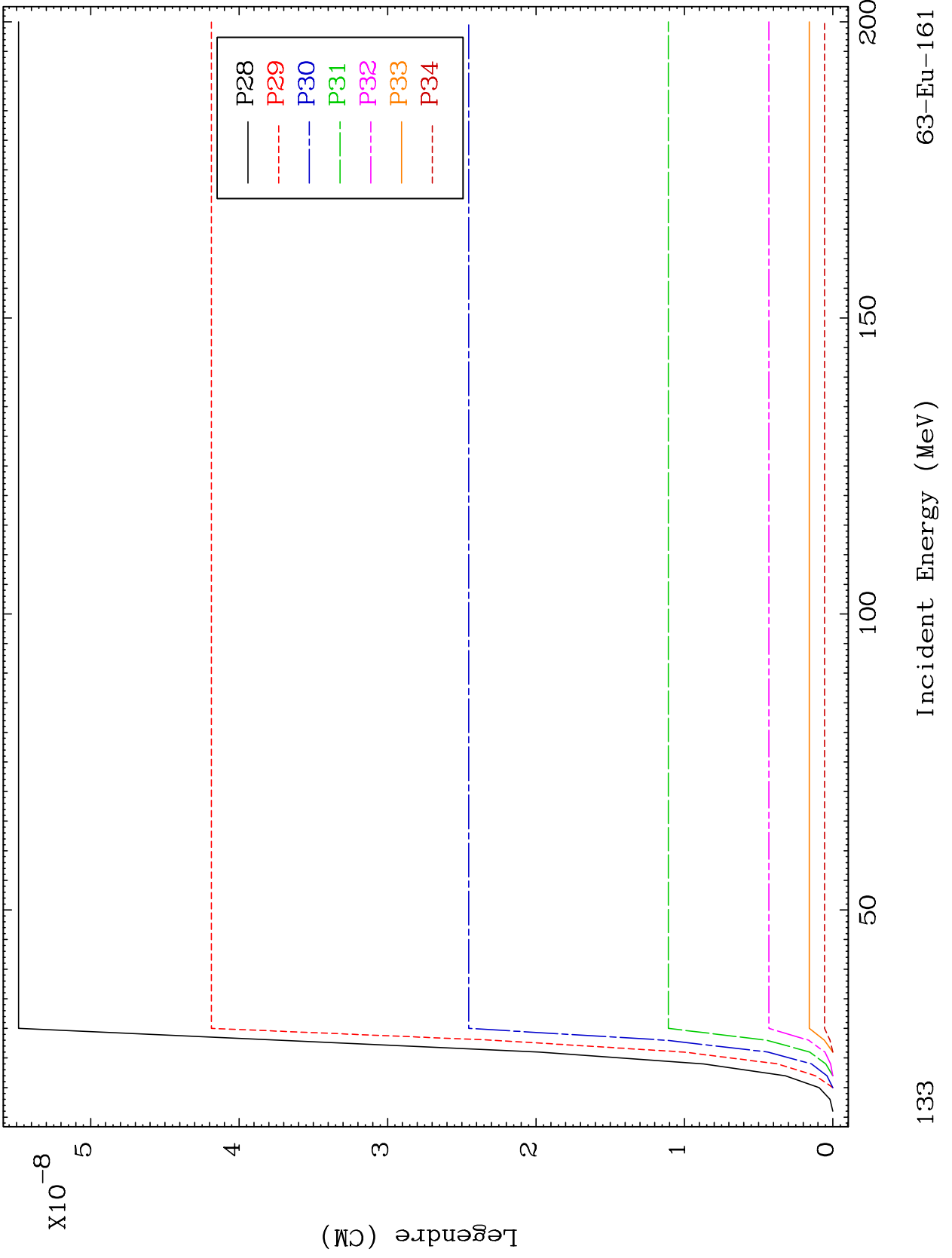
132

63-Eu-161

MAT 6355

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

63-Eu-161



133

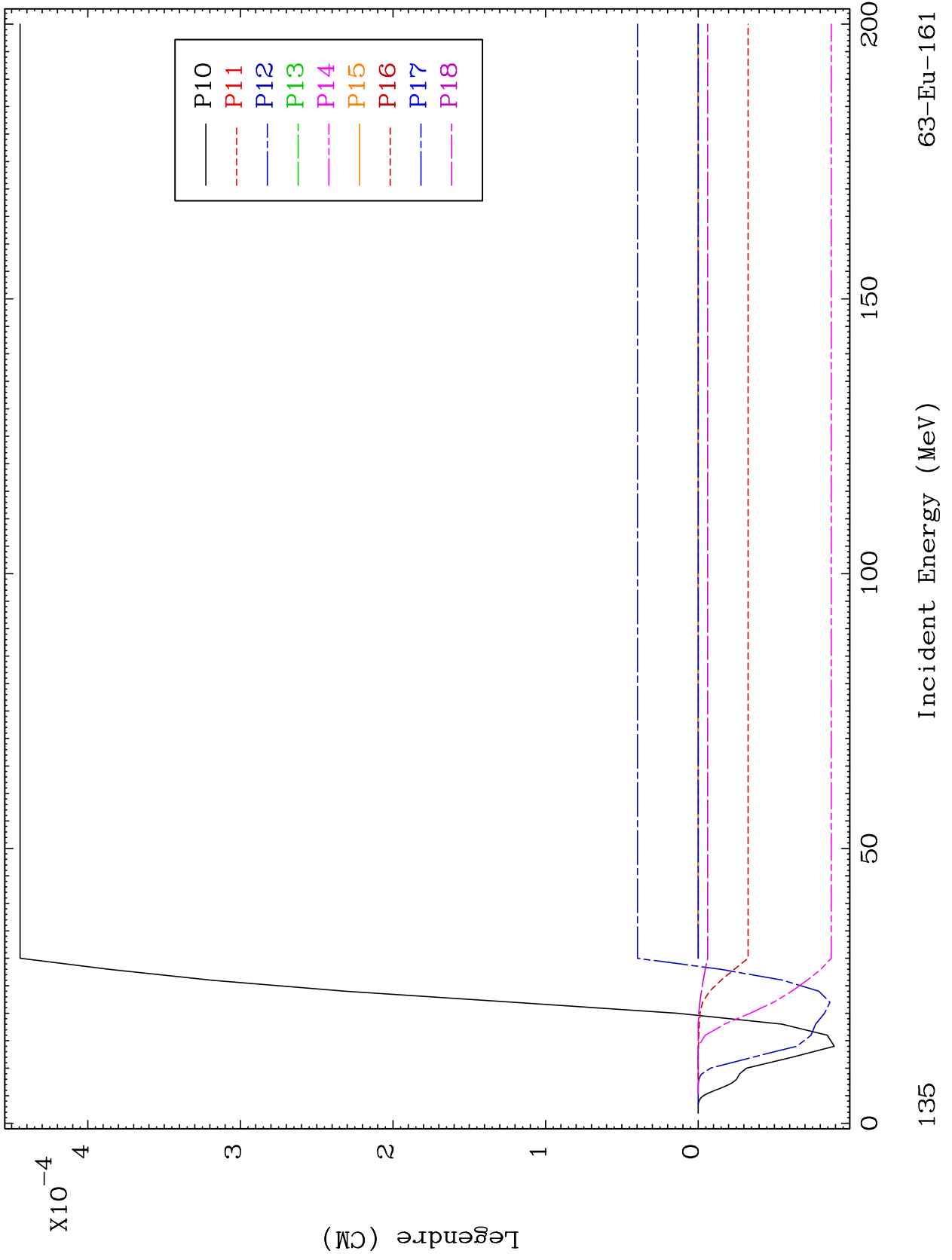
Incident Energy (MeV)

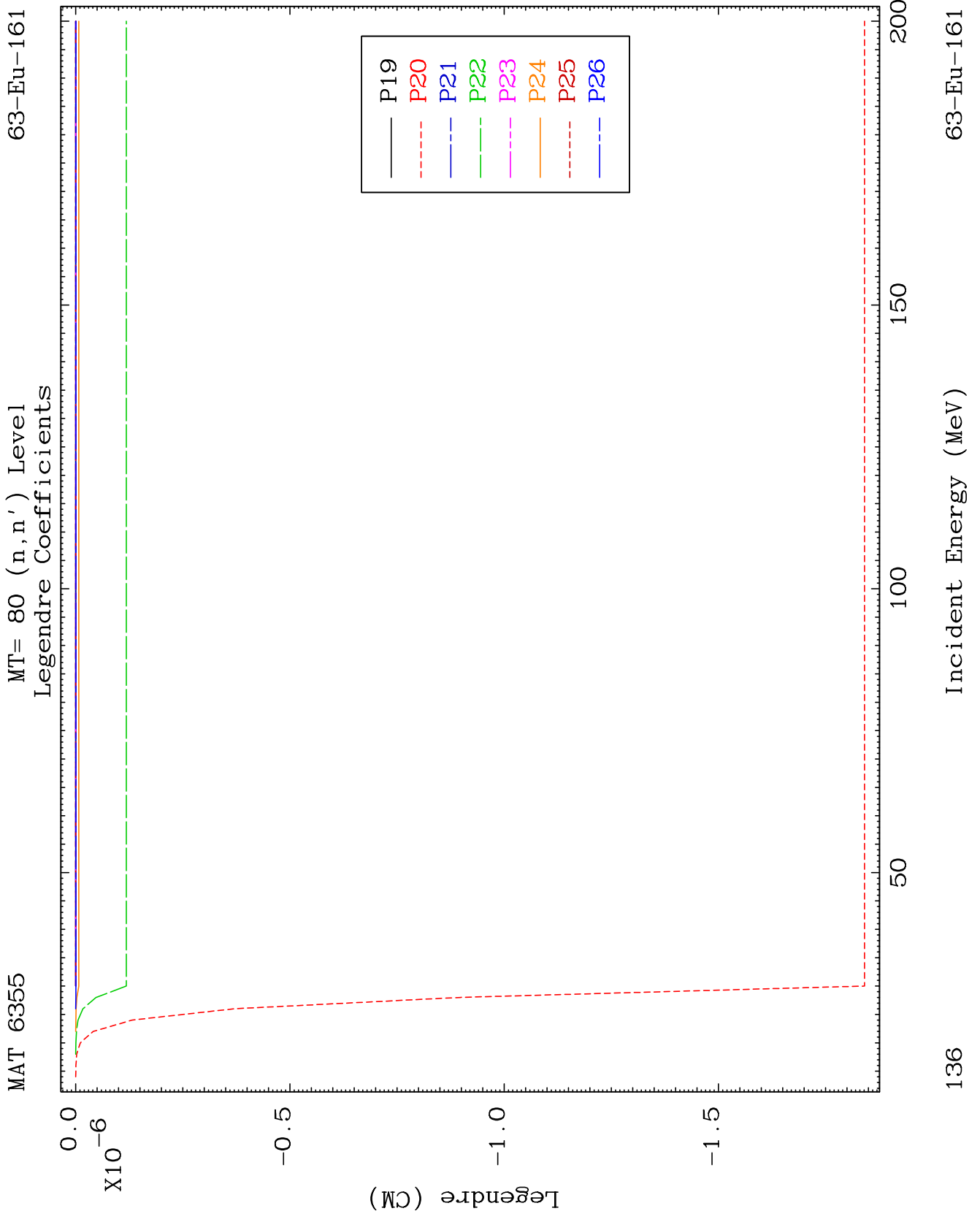
63-Eu-161

MAT 6355

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

63-Eu-161

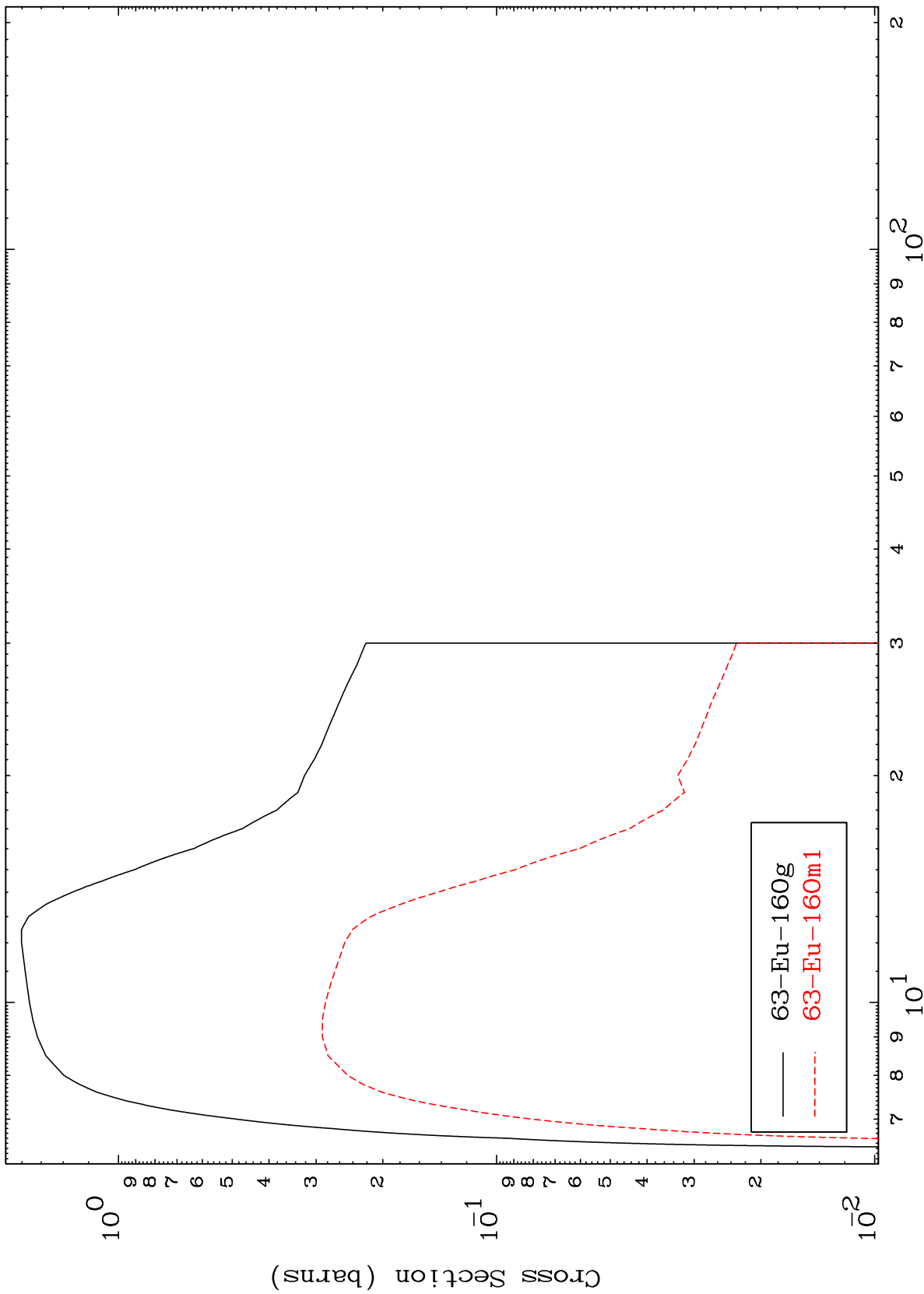




MAT 6355

63-Eu-161

(n,2n)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

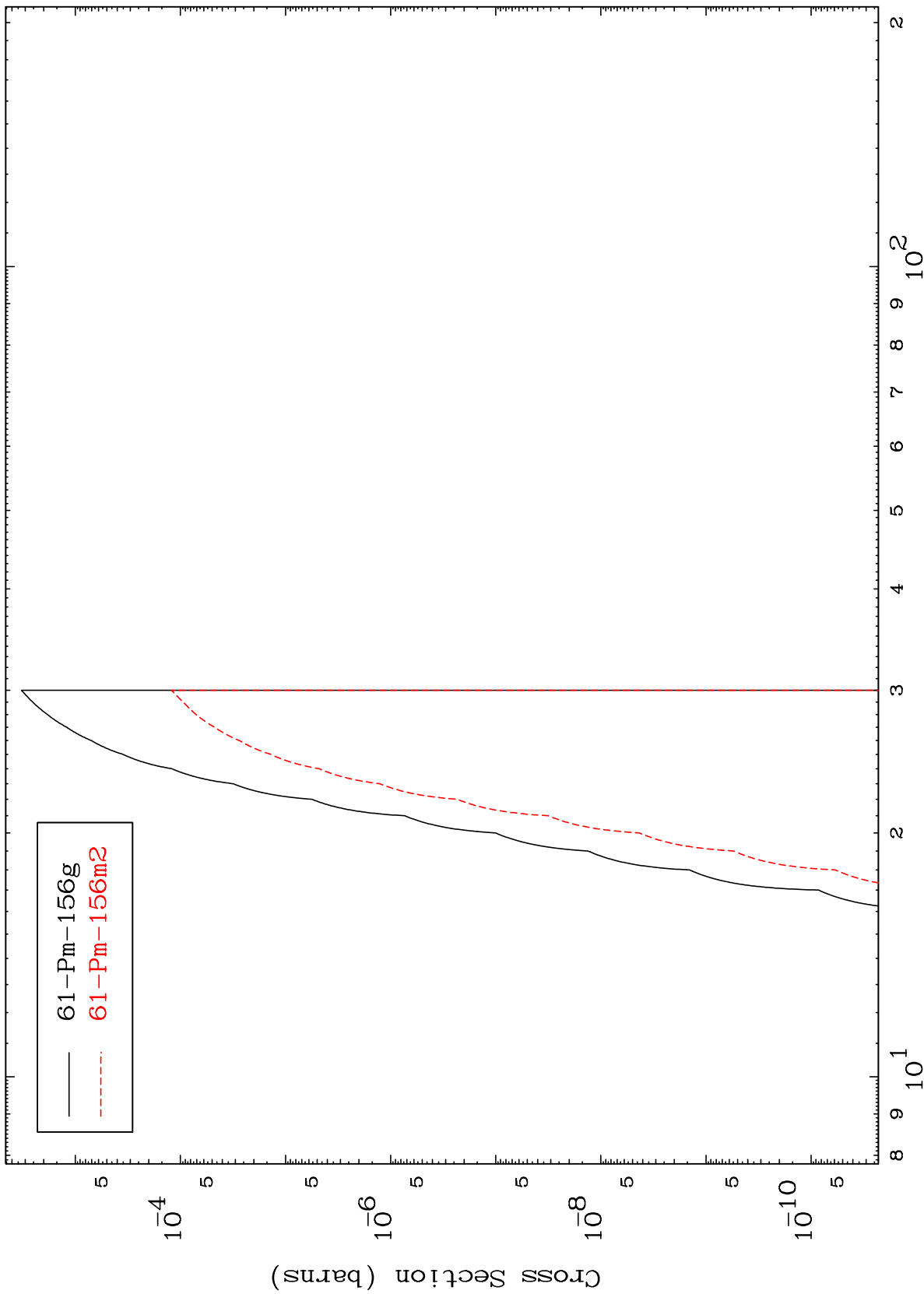
63-Eu-161

MAT 6355

(n,2n) α

63-Eu-161

Radionuclide Production Cross Section



138

Incident Energy (MeV)

63-Eu-161