

Program EVALPLOT  
(Version 2018-1)

by

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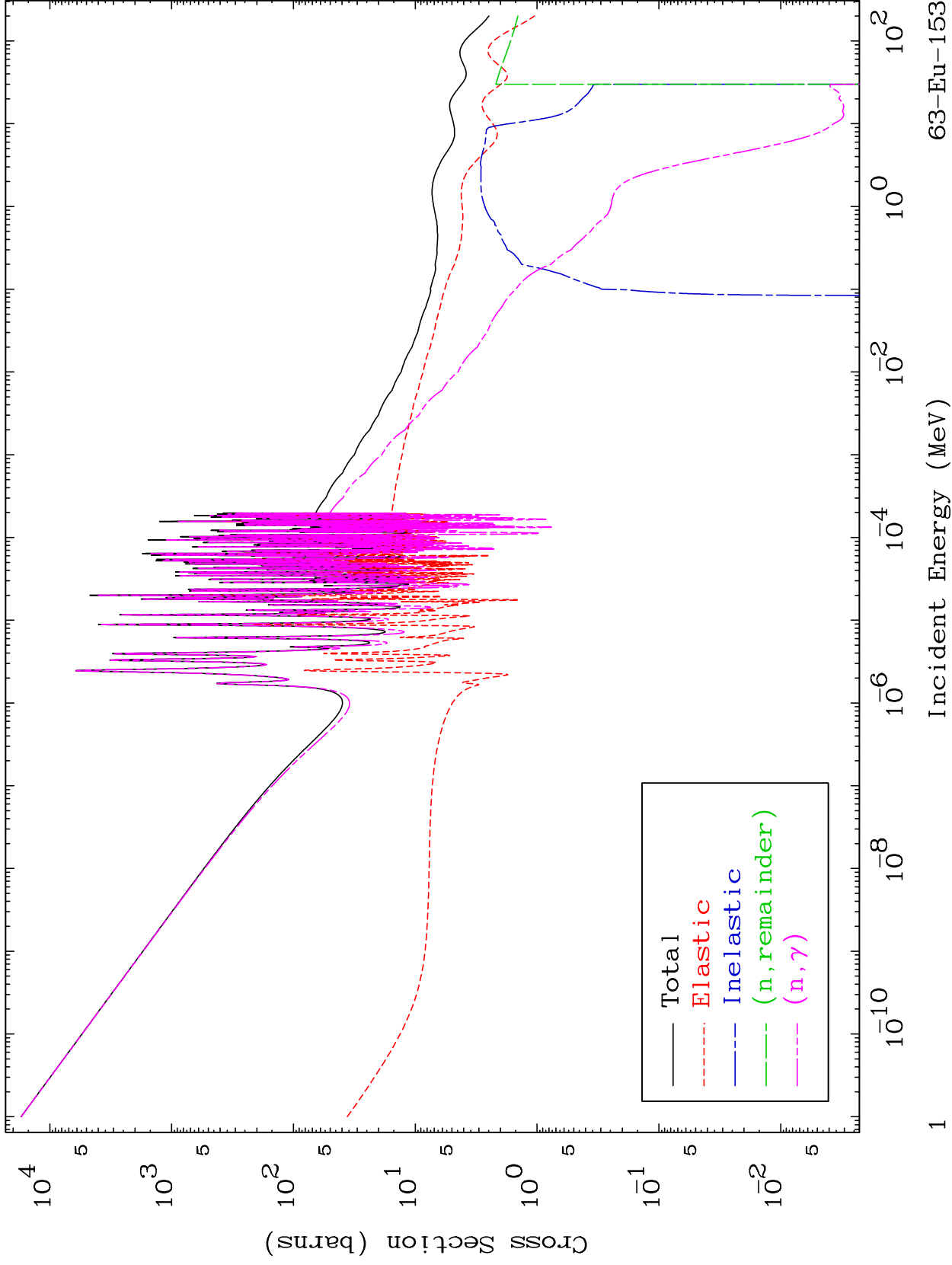
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6331

Major  
293 Kelvin Cross Sections

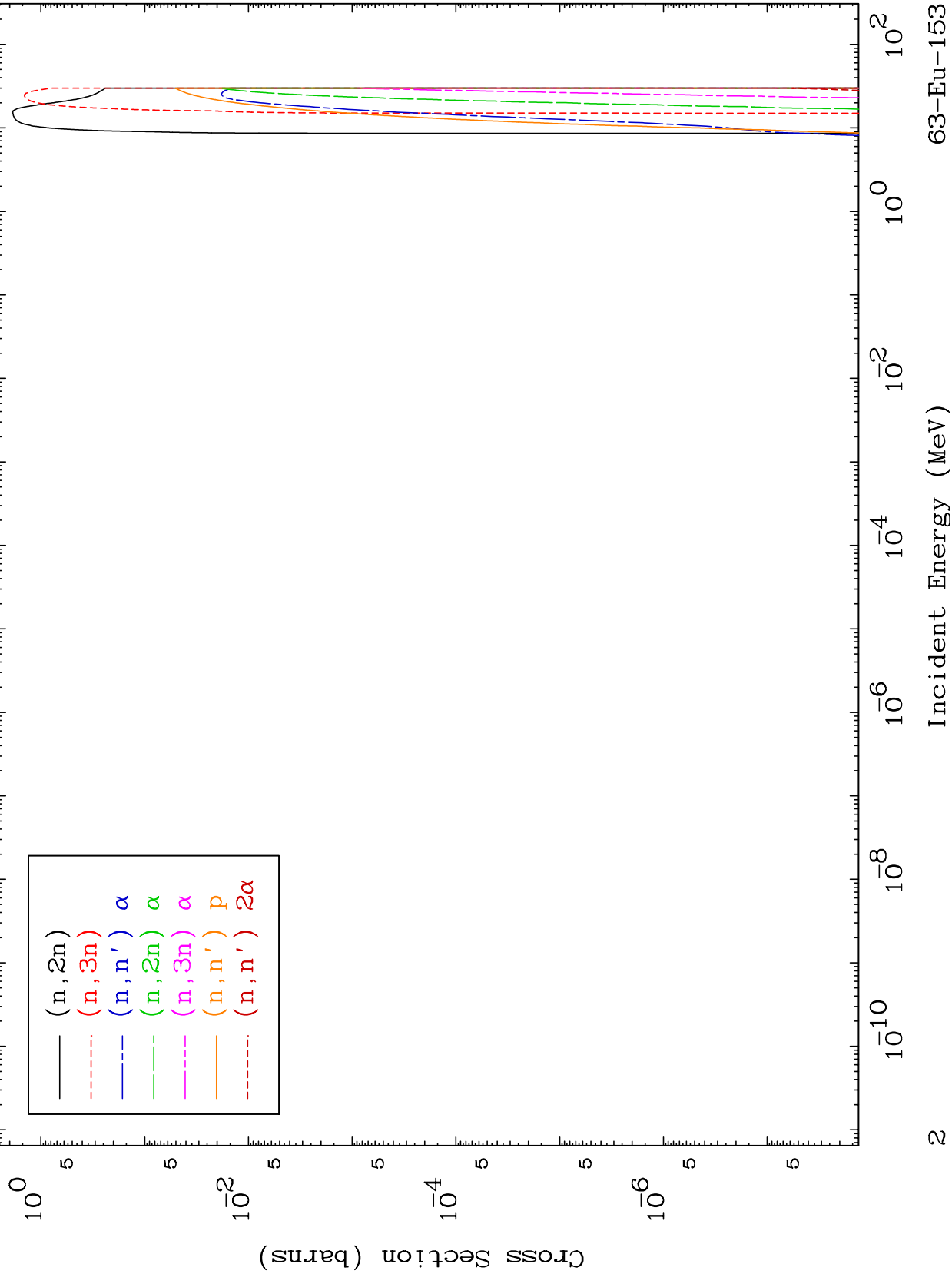
63-Eu-153

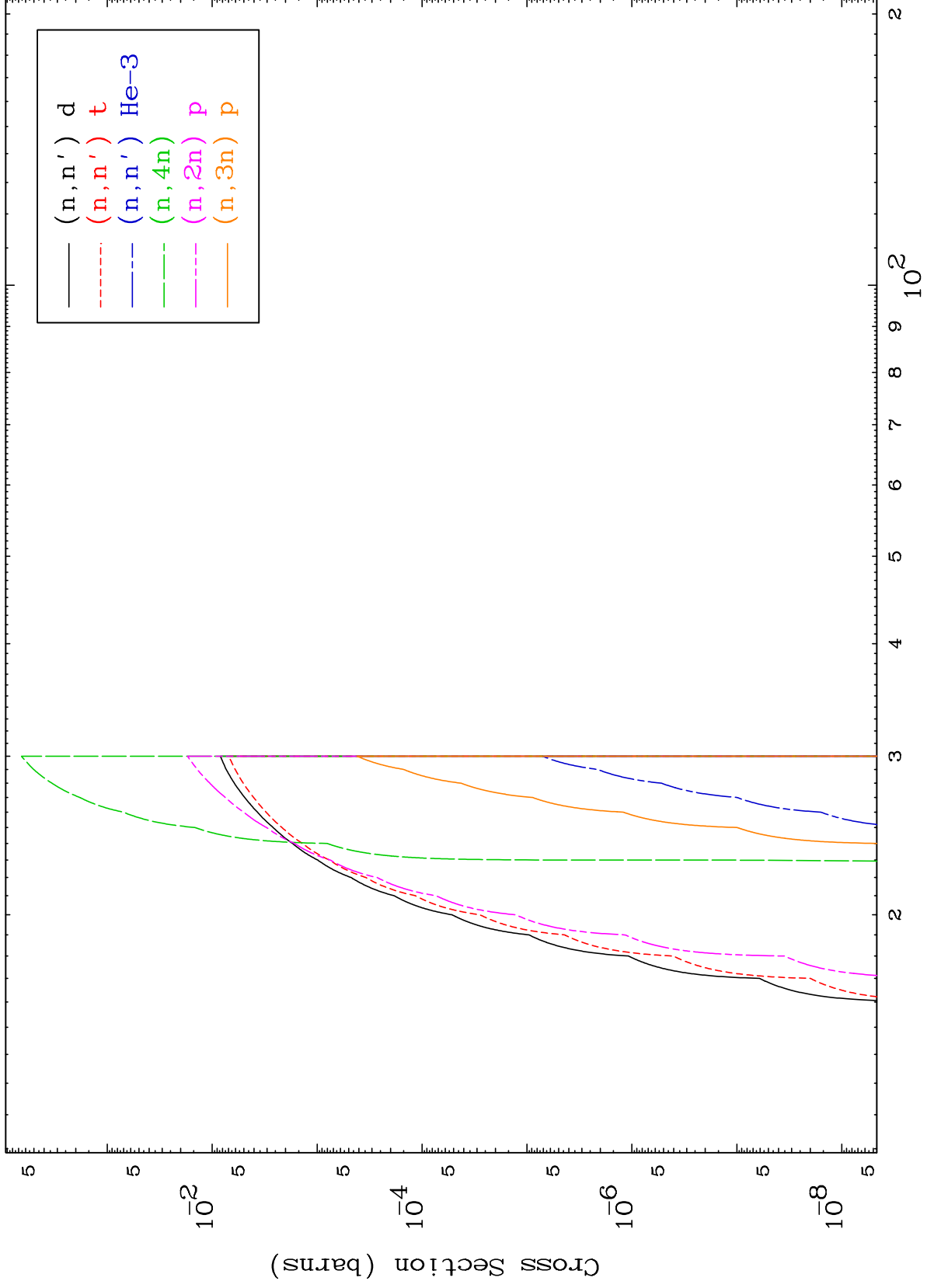


MAT 6331

Neutron Production  
293 Kelvin Cross Sections

63-Eu-153

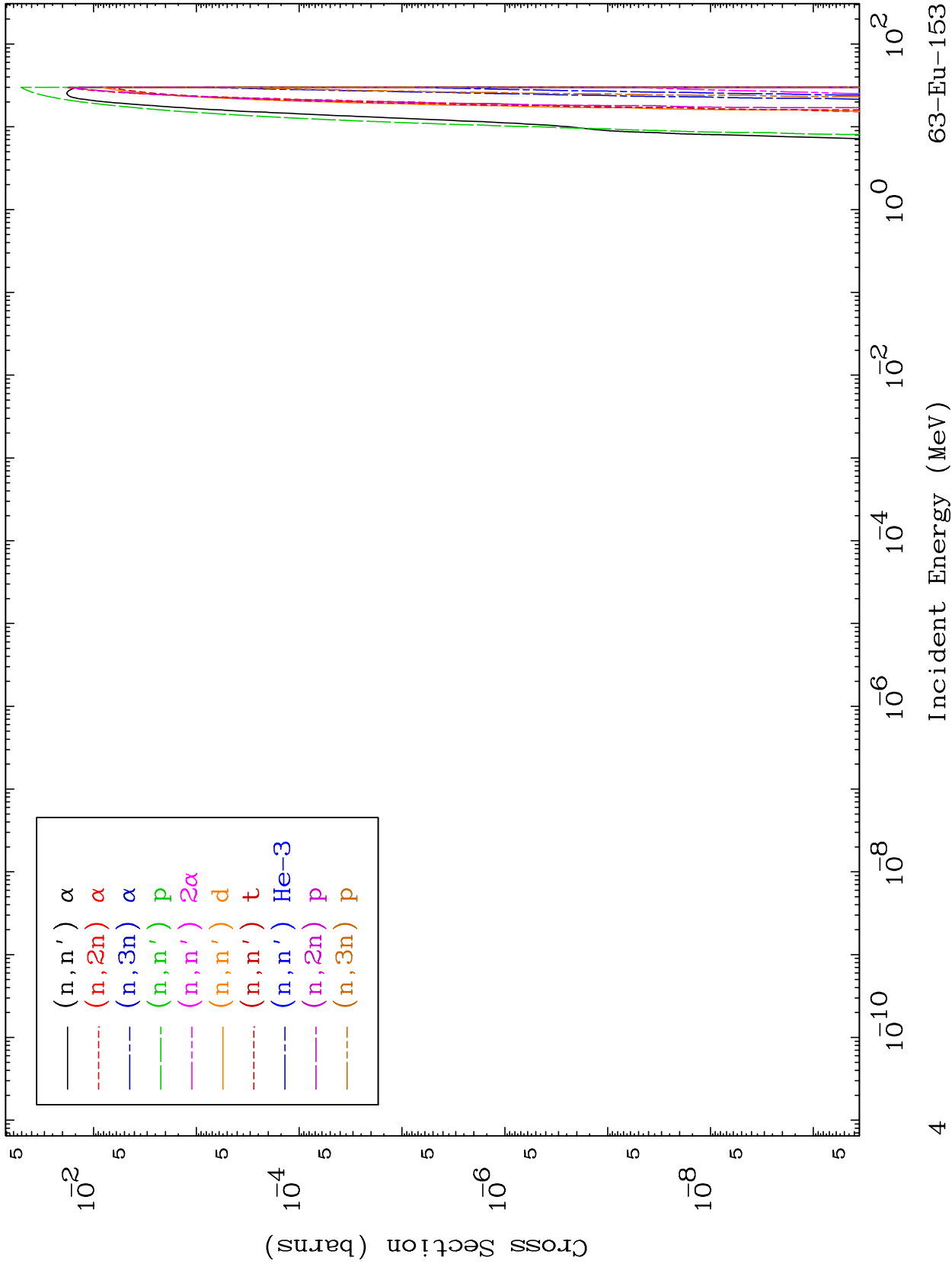




MAT 6331

Charged Particle  
293 Kelvin Cross Sections

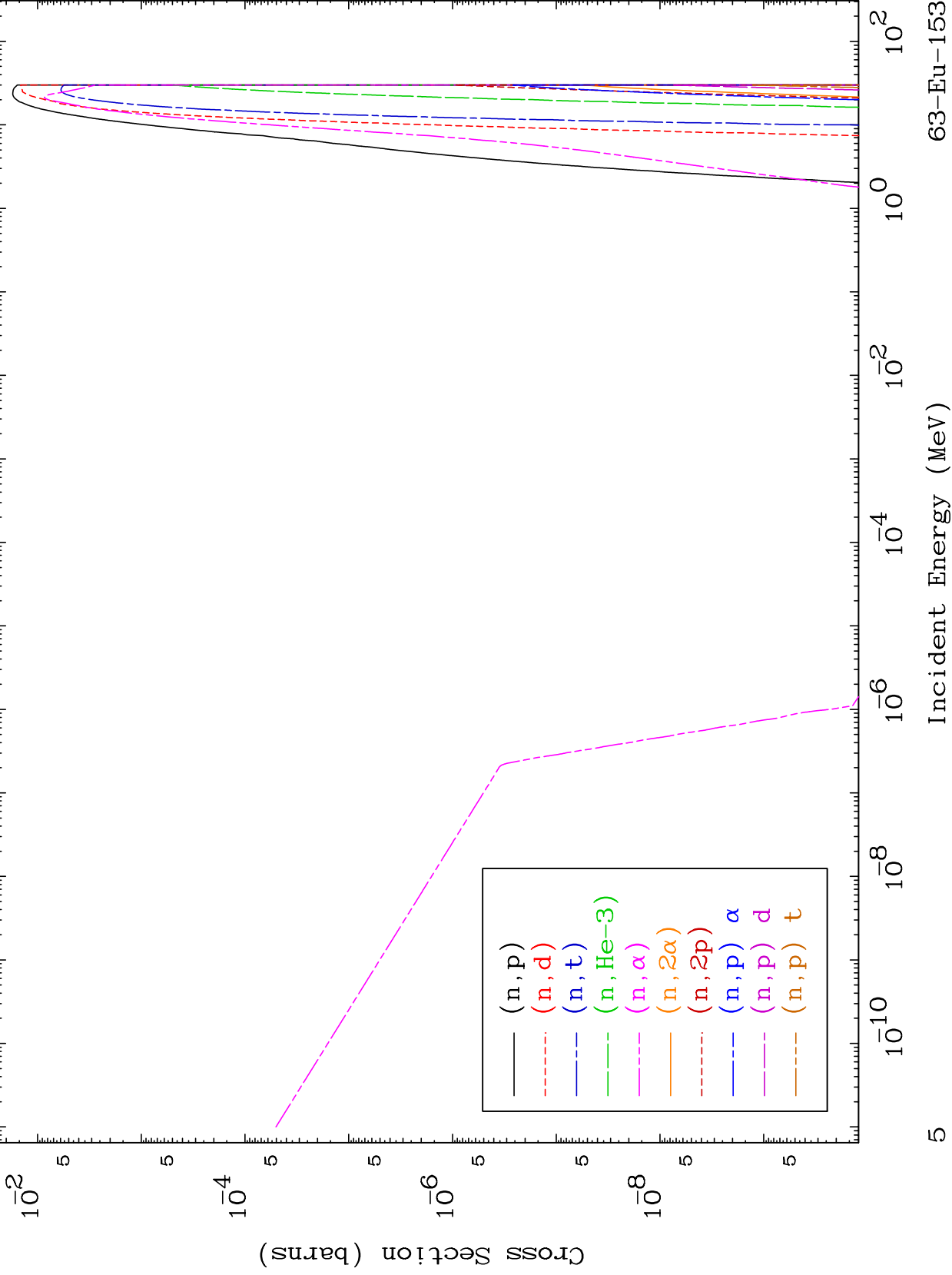
63-Eu-153



MAT 6331

Charged Particle  
293 Kelvin Cross Sections

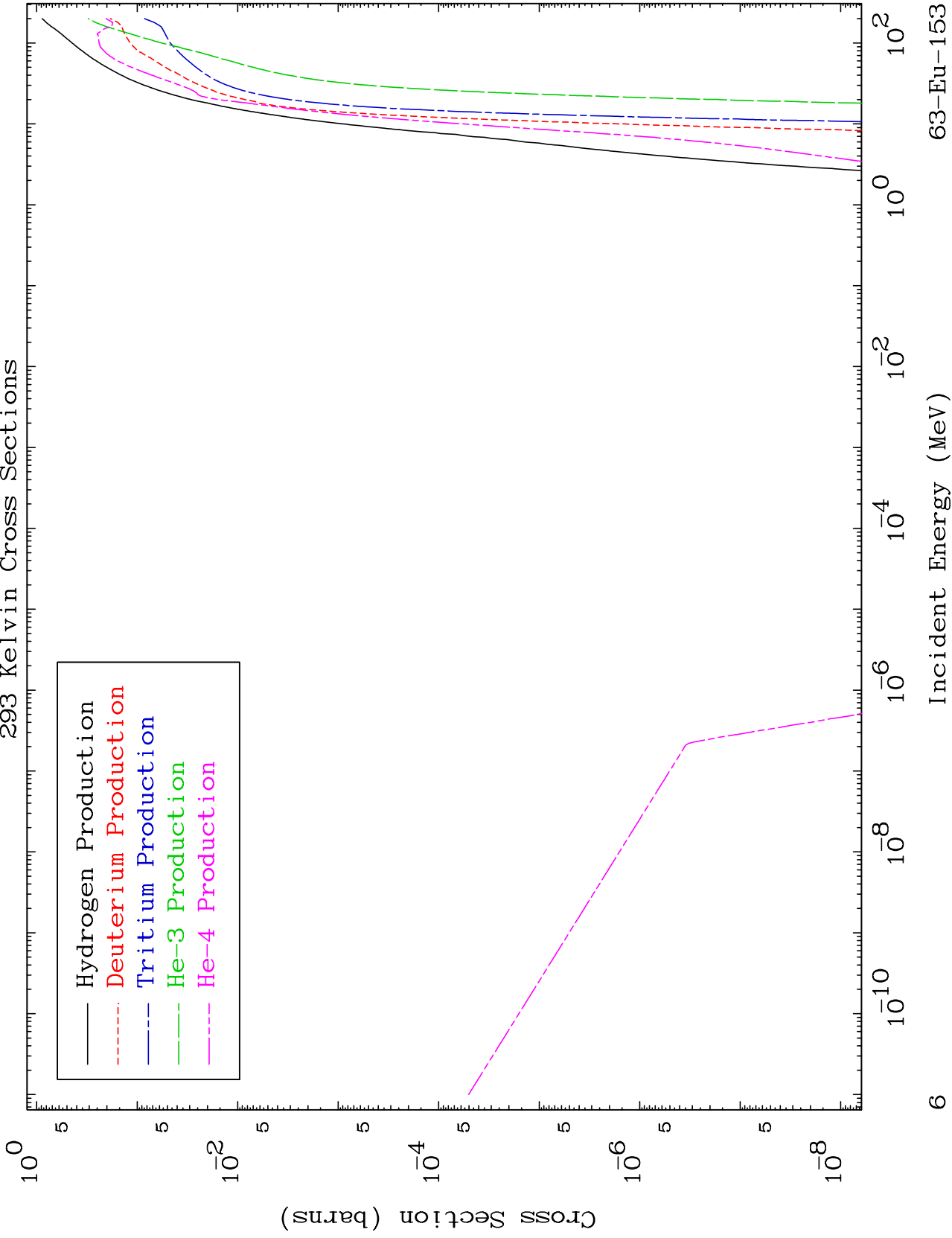
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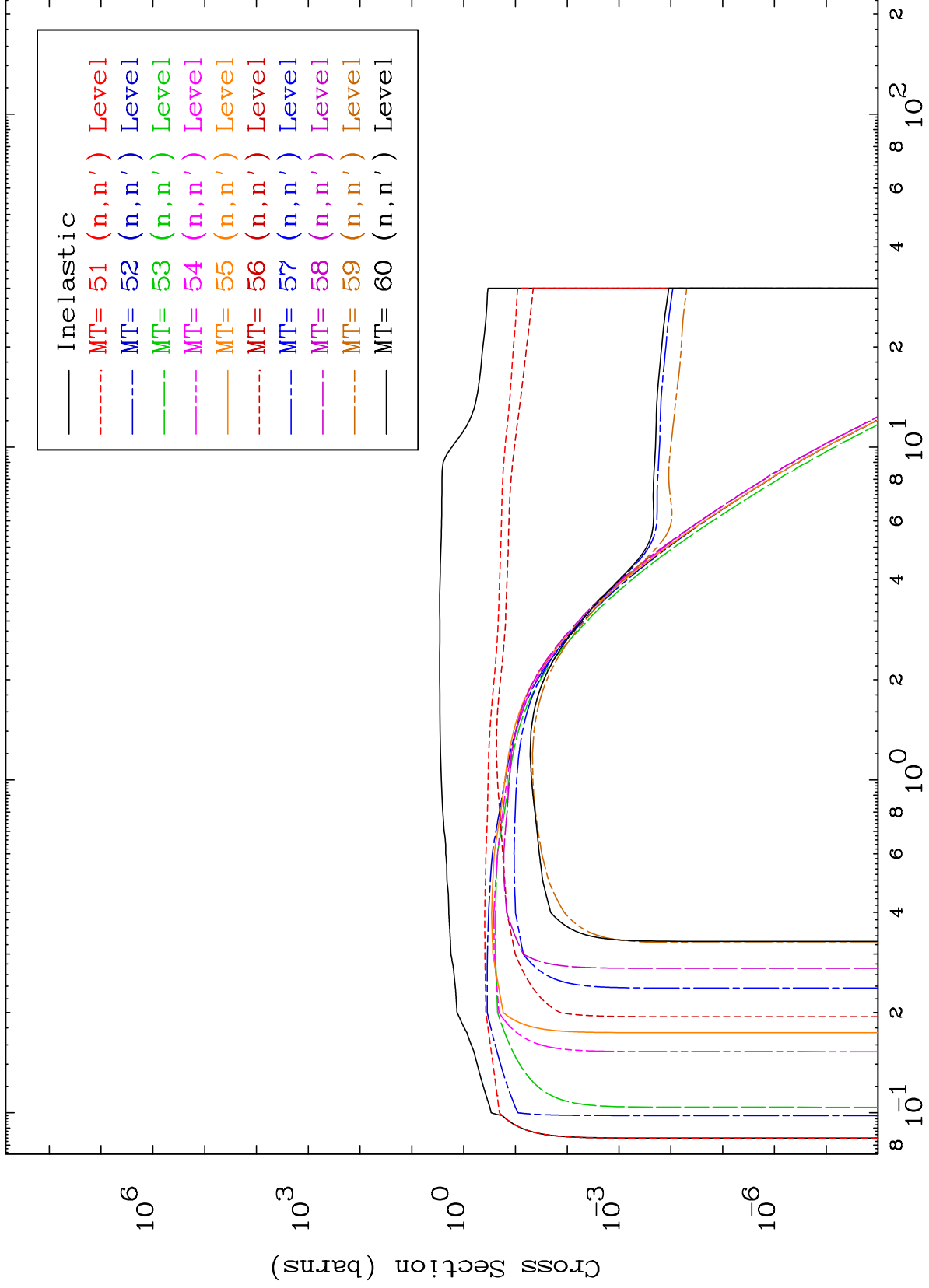
MAT 6331

Particle Production  
293 Kelvin Cross Sections

63-Eu-153



293 Kelvin Cross Sections



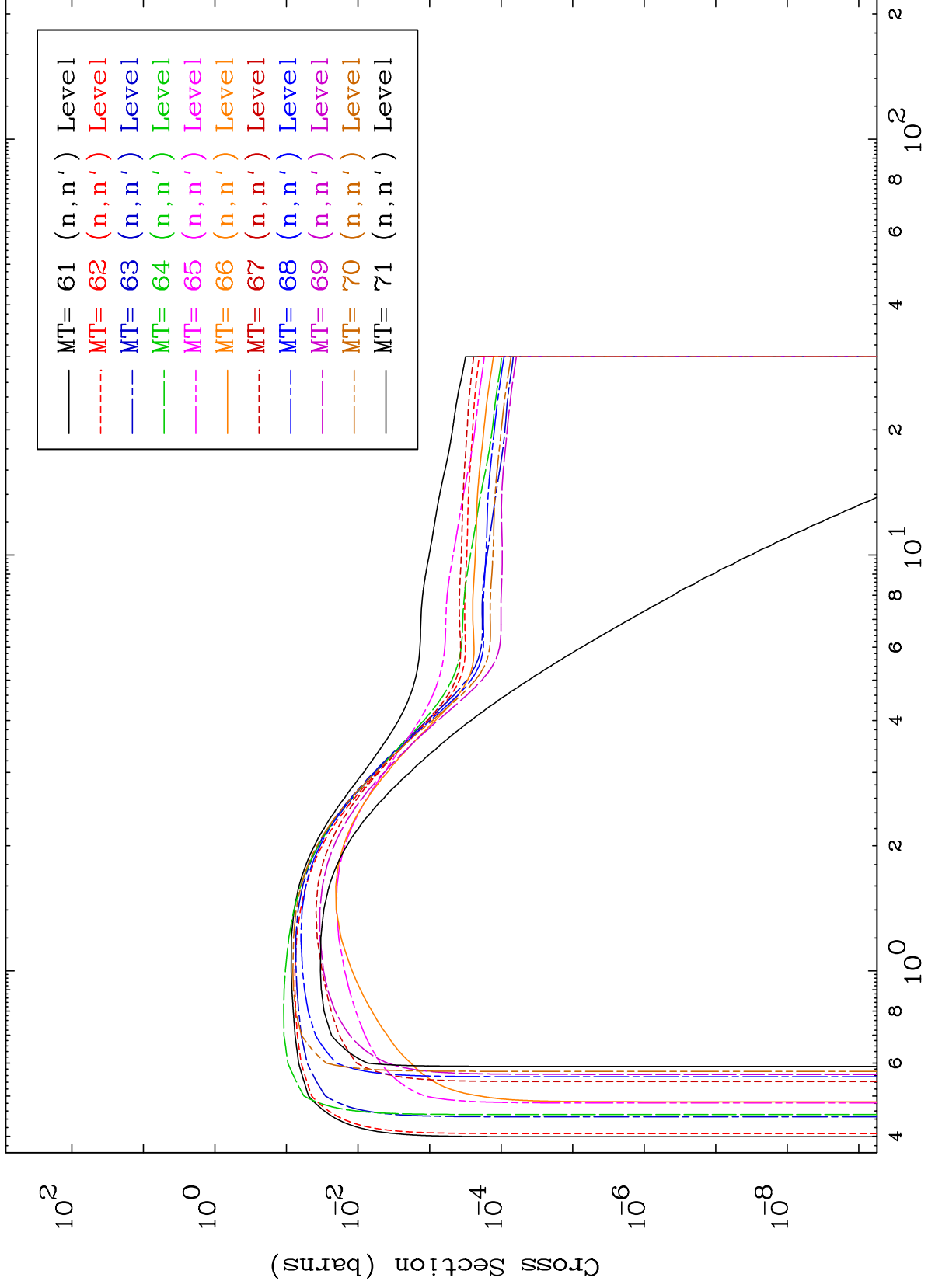


MAT 6331

(n,n') Level

63-Eu-153

293 Kelvin Cross Sections

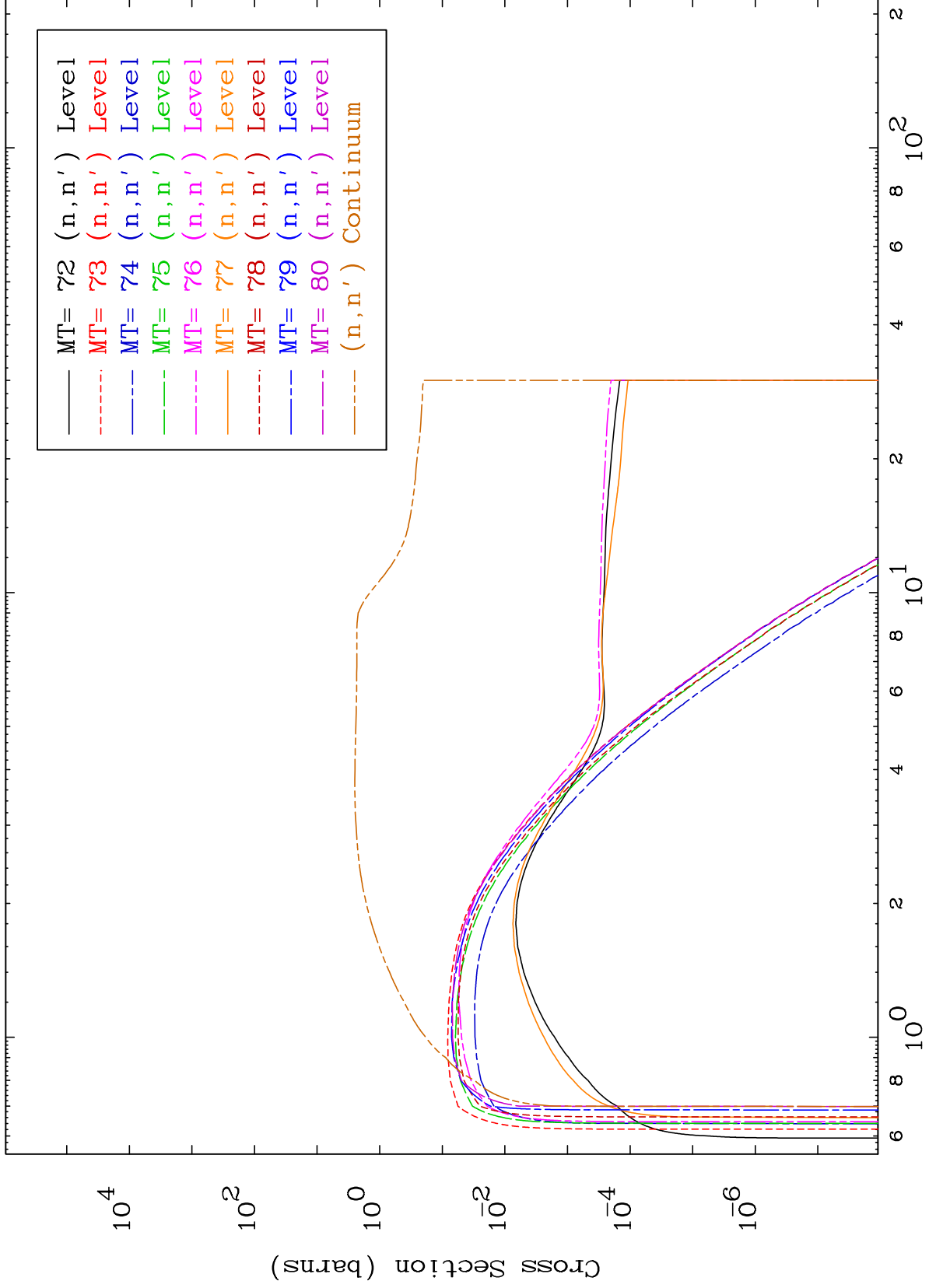


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Incident Energy (MeV)

63-Eu-153

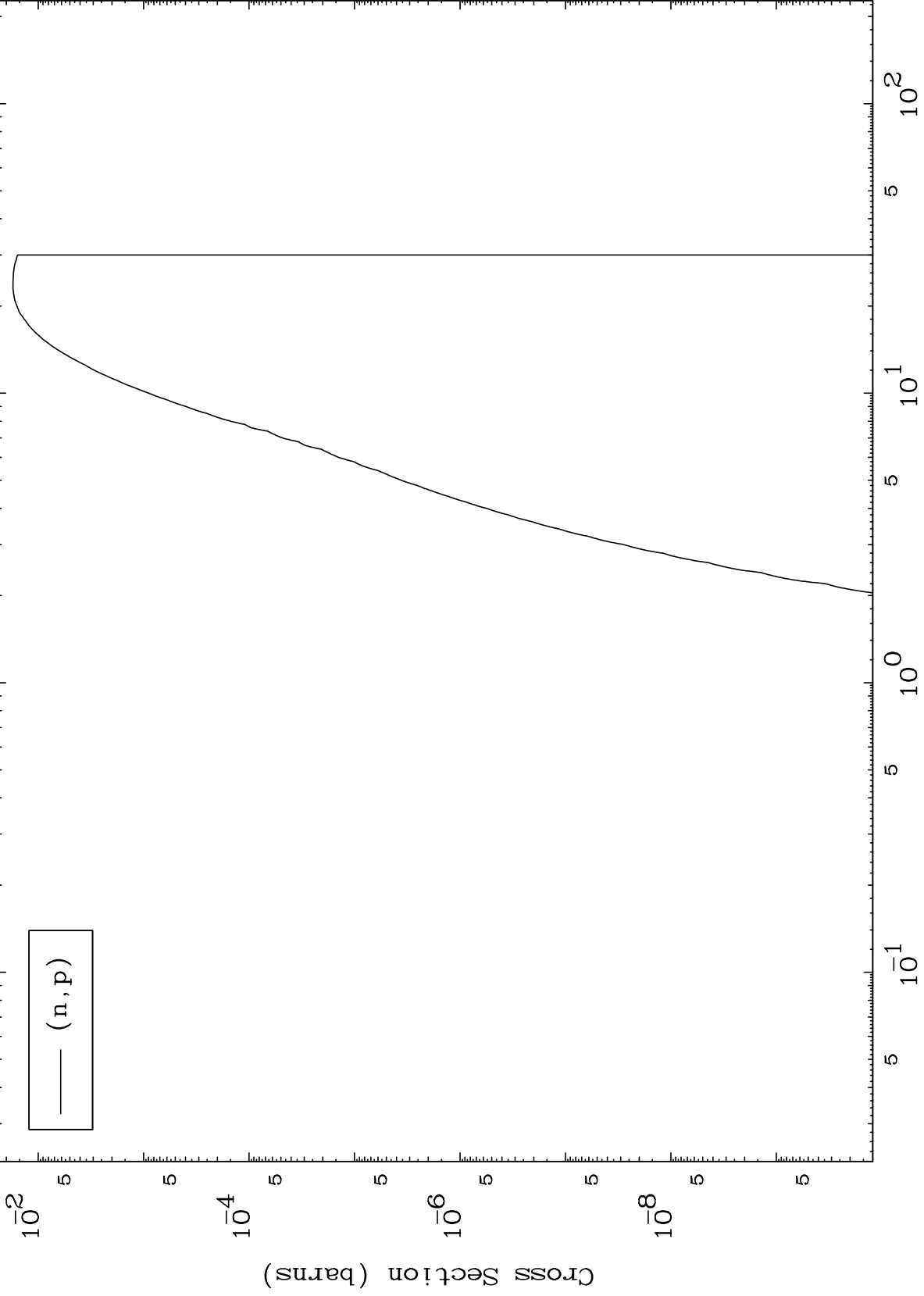
293 Kelvin Cross Sections



MAT 6331

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-153



10

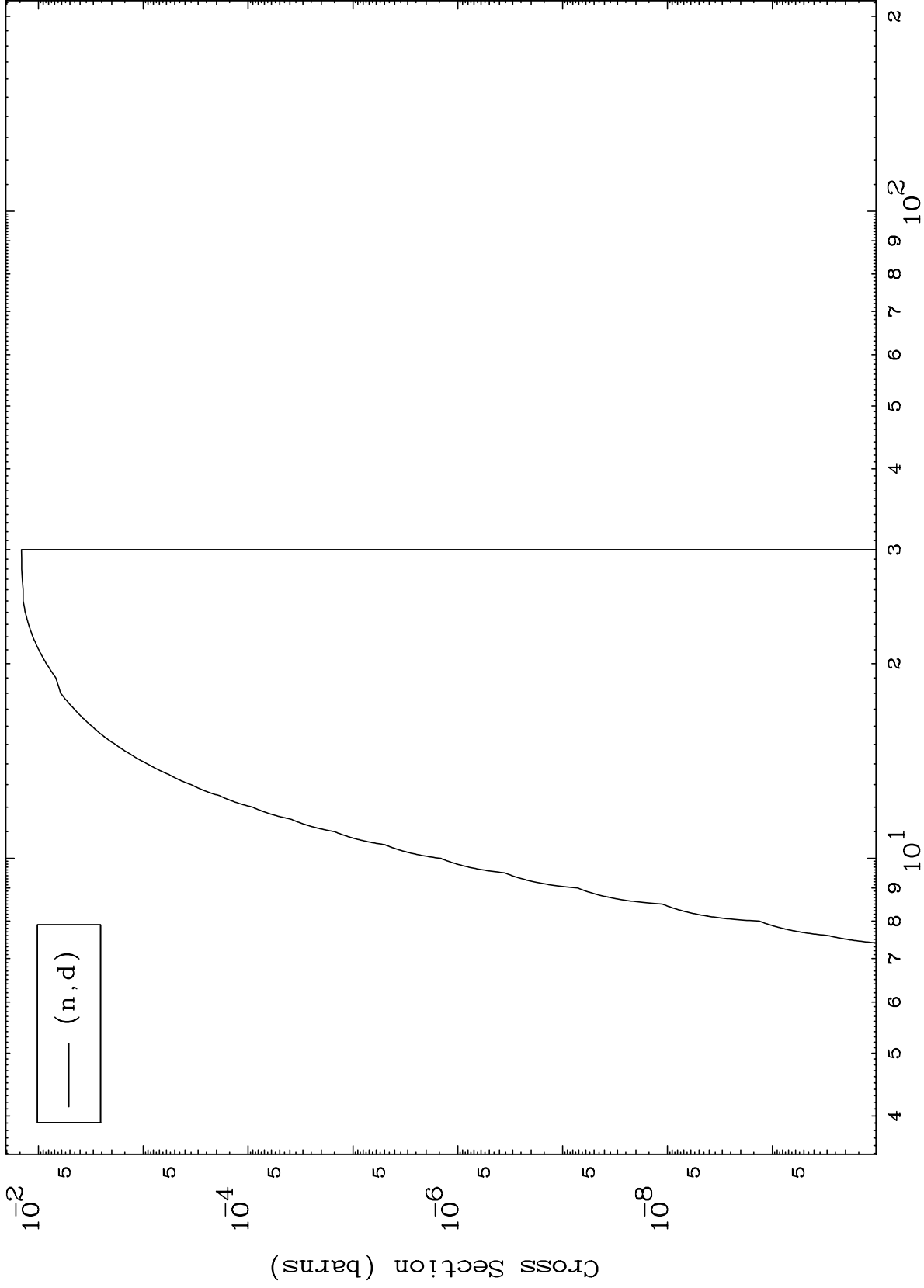
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-153



11

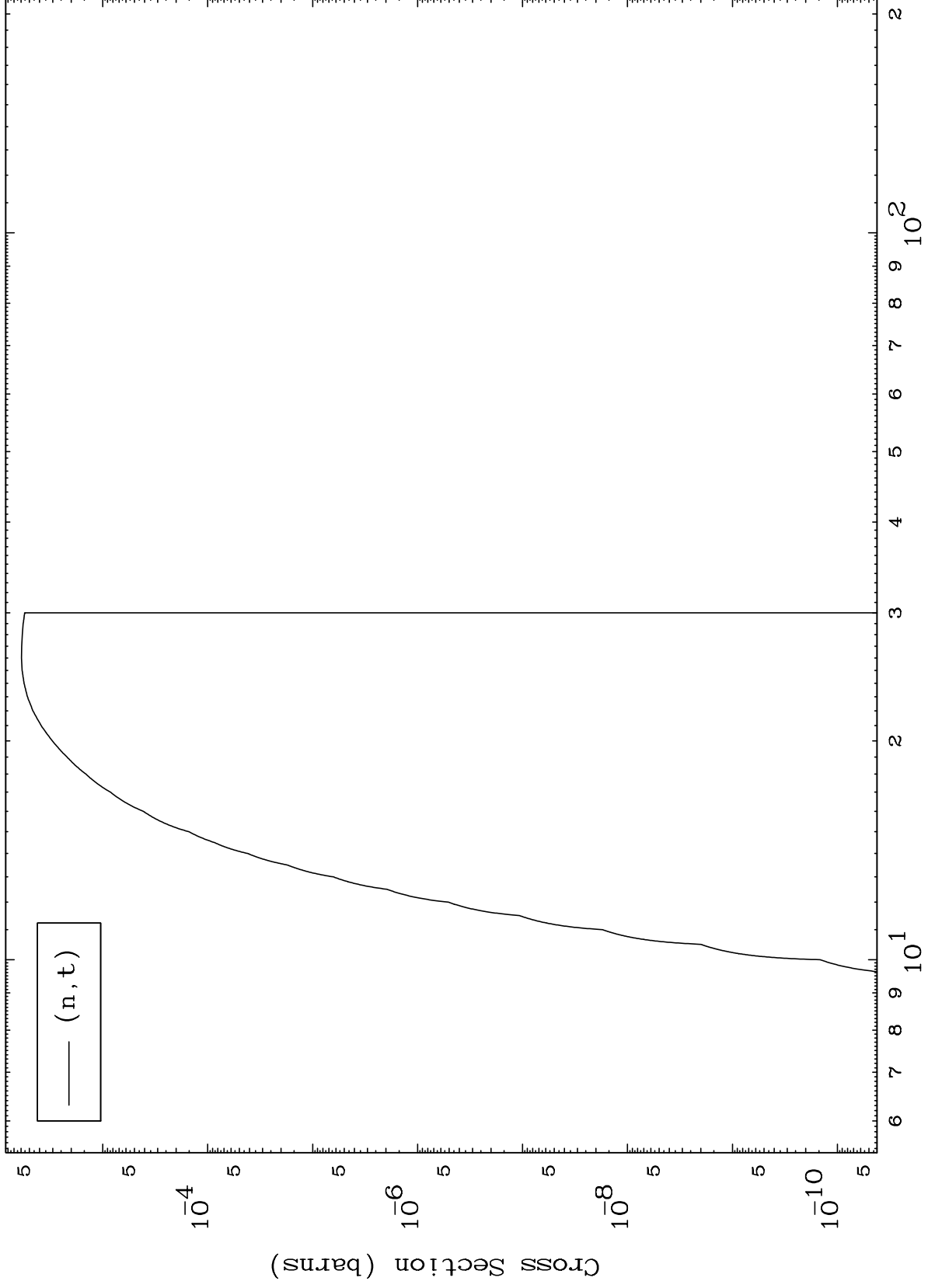
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-153



12

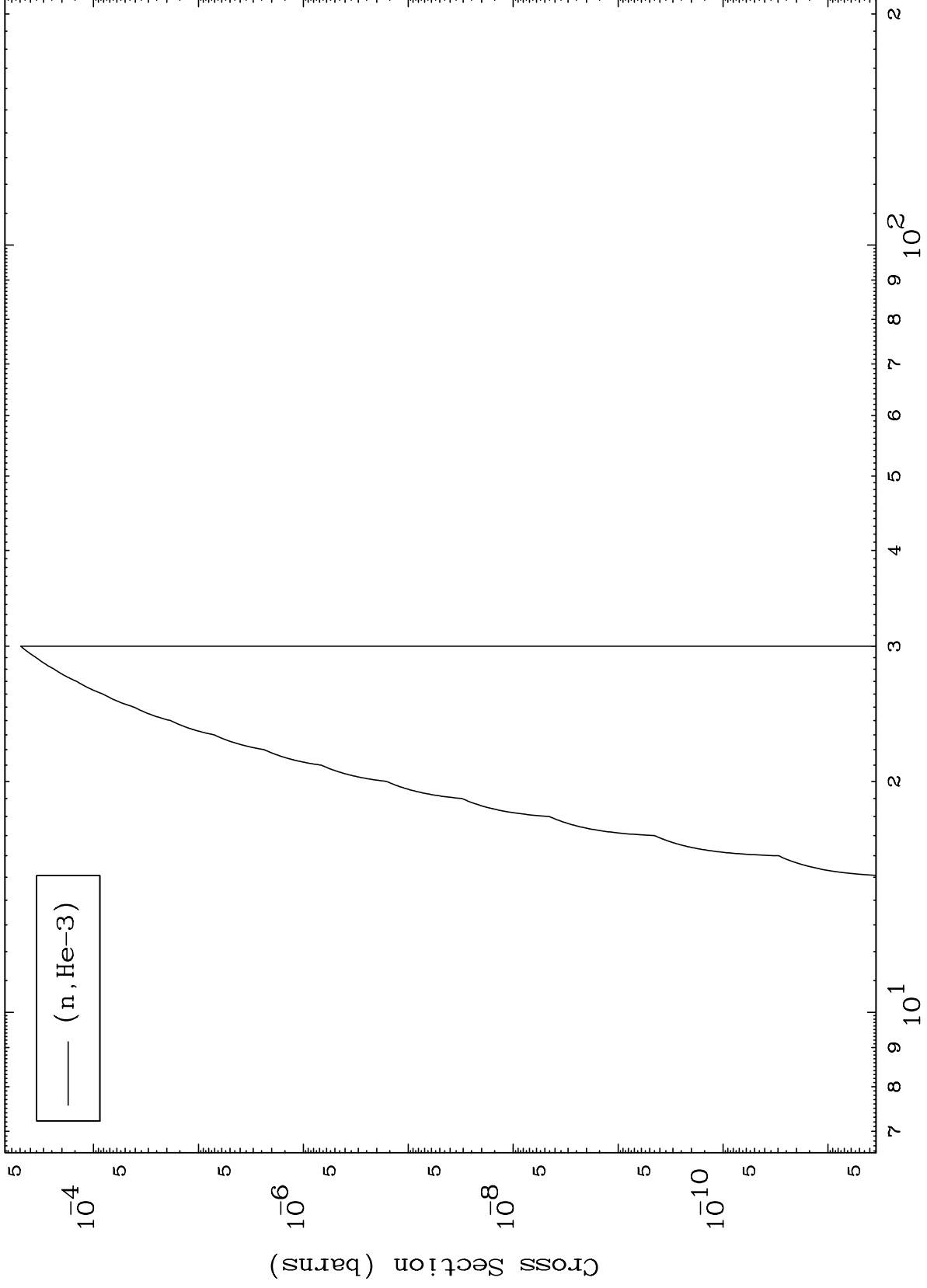
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-153



13

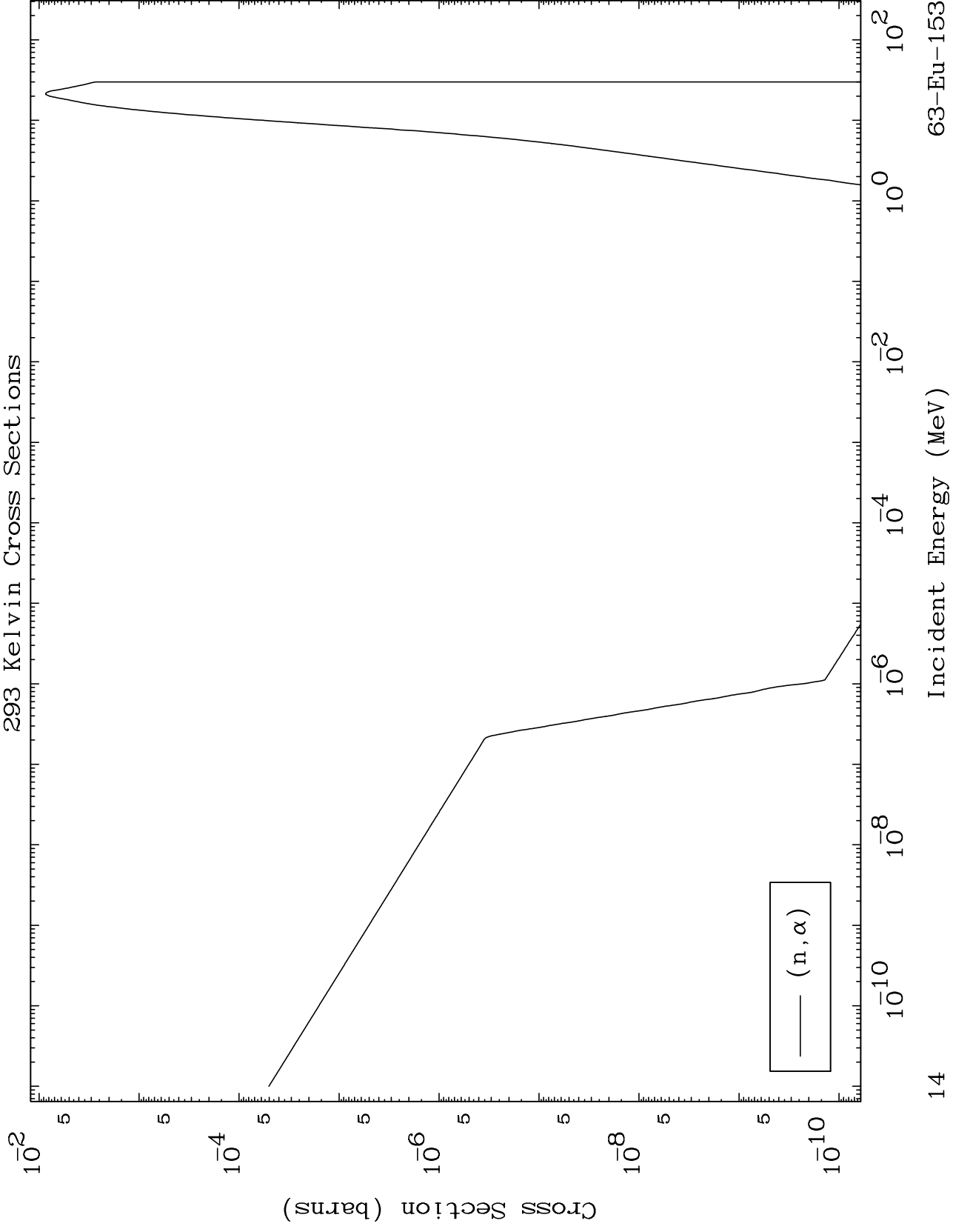
Incident Energy (MeV)

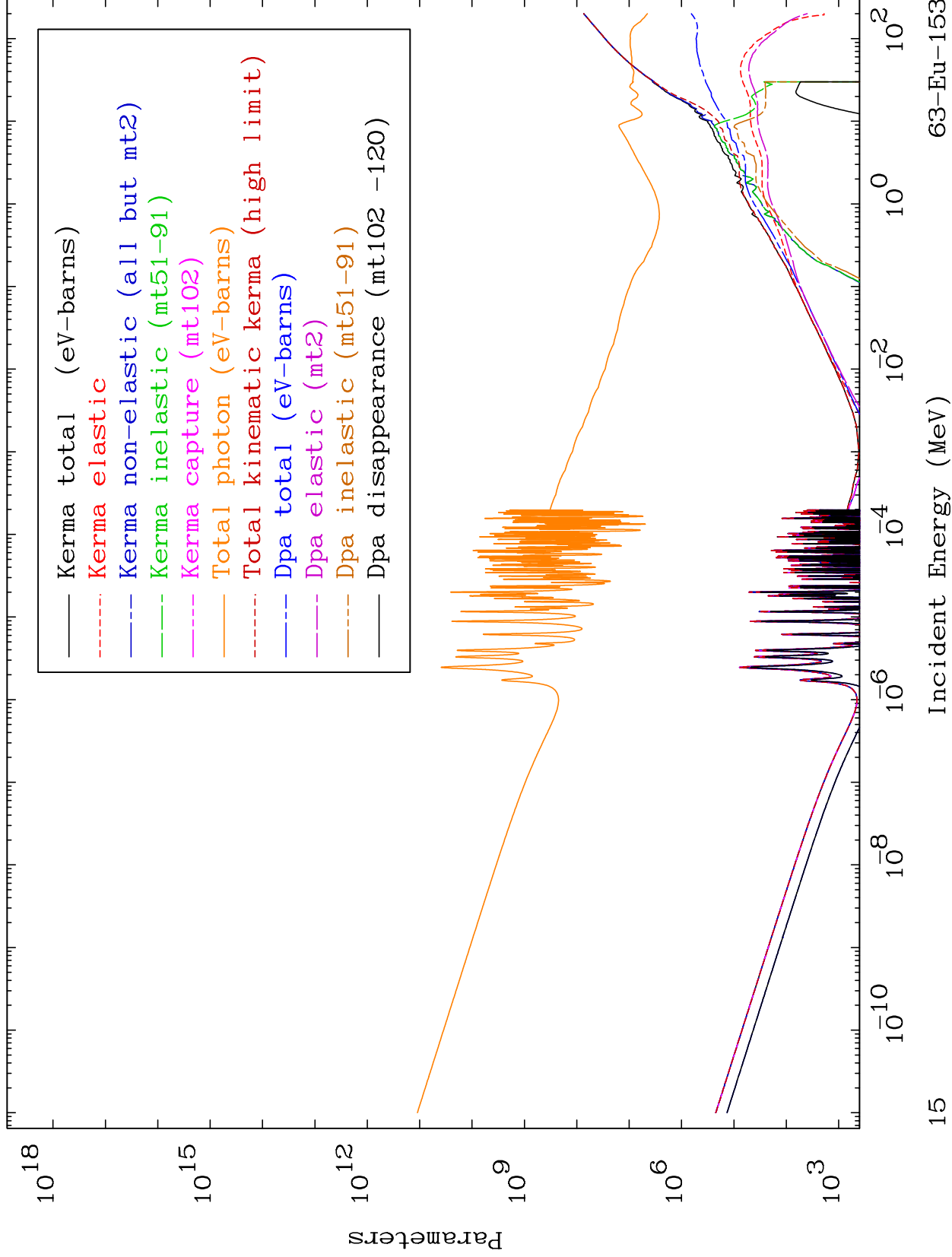
63-Eu-153

MAT 6331

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

63-Eu-153



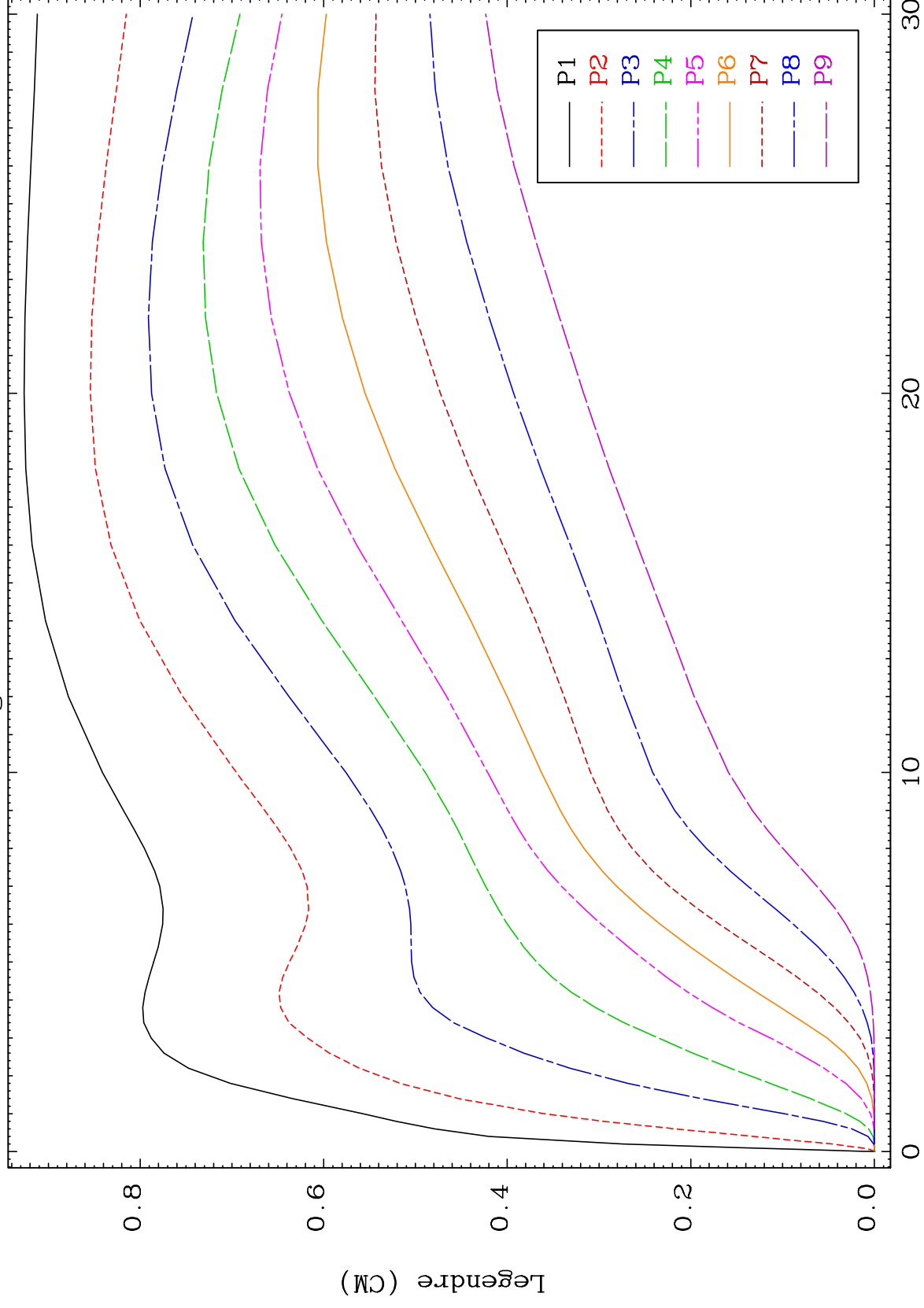




MAT 6331

Elastic Legendre Coefficients

63-Eu-153



16

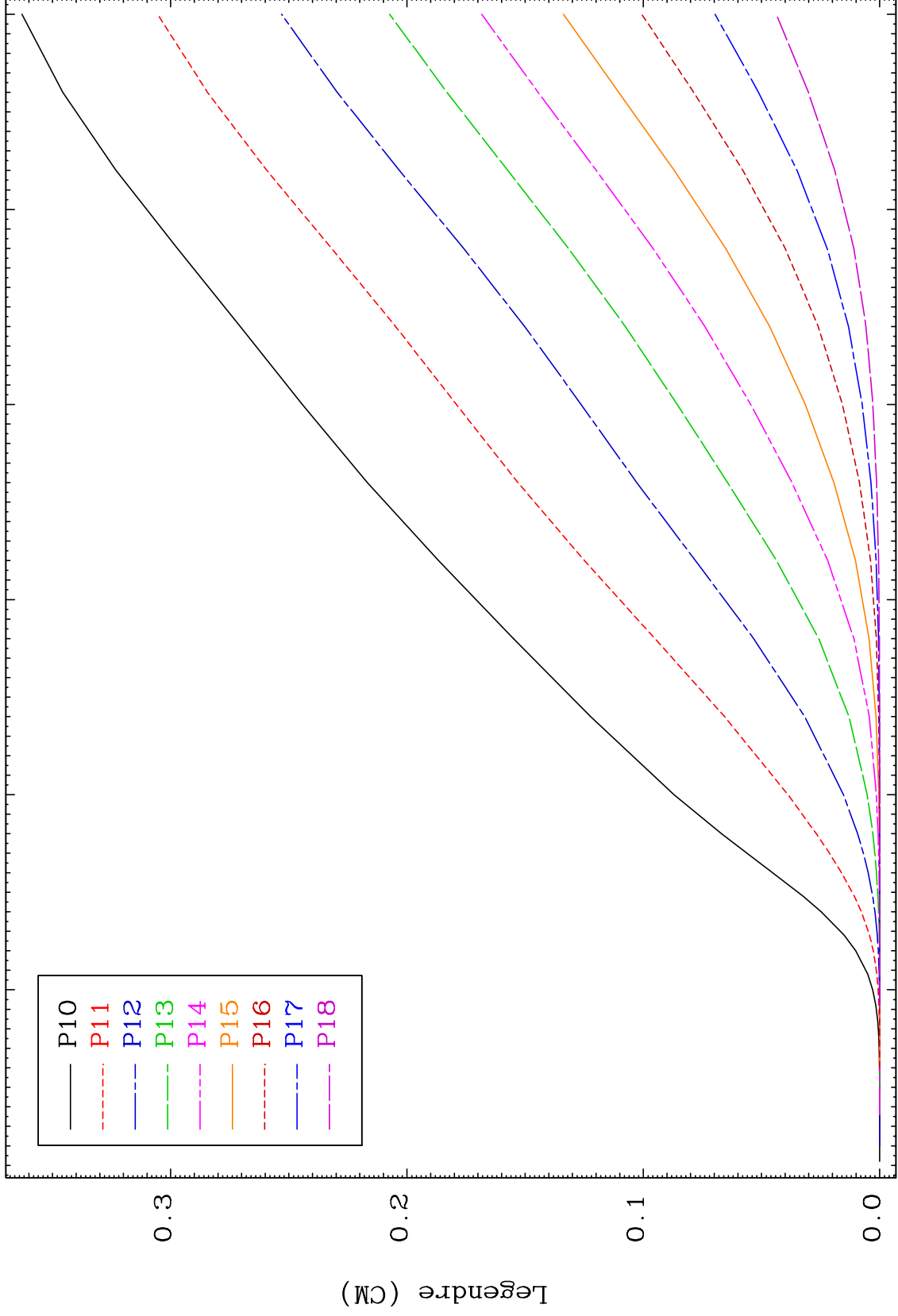
Incident Energy (MeV)

63-Eu-153

MAT 6331

Elastic Legendre Coefficients

<sup>63</sup>-Eu-153



17

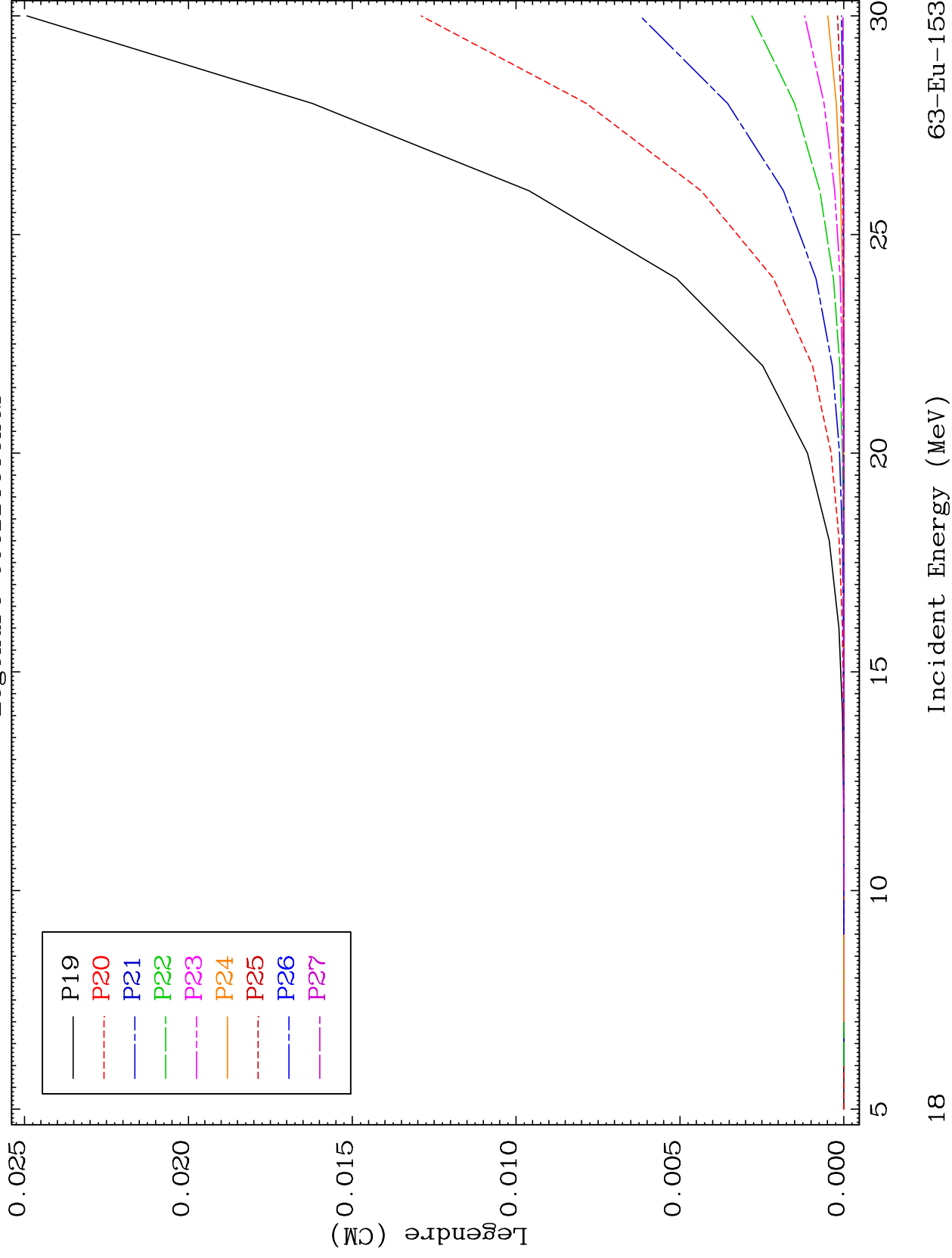
Incident Energy (MeV)

<sup>63</sup>-Eu-153

MAT 6331

Elastic  
Legendre Coefficients

63-Eu-153



63-Eu-153

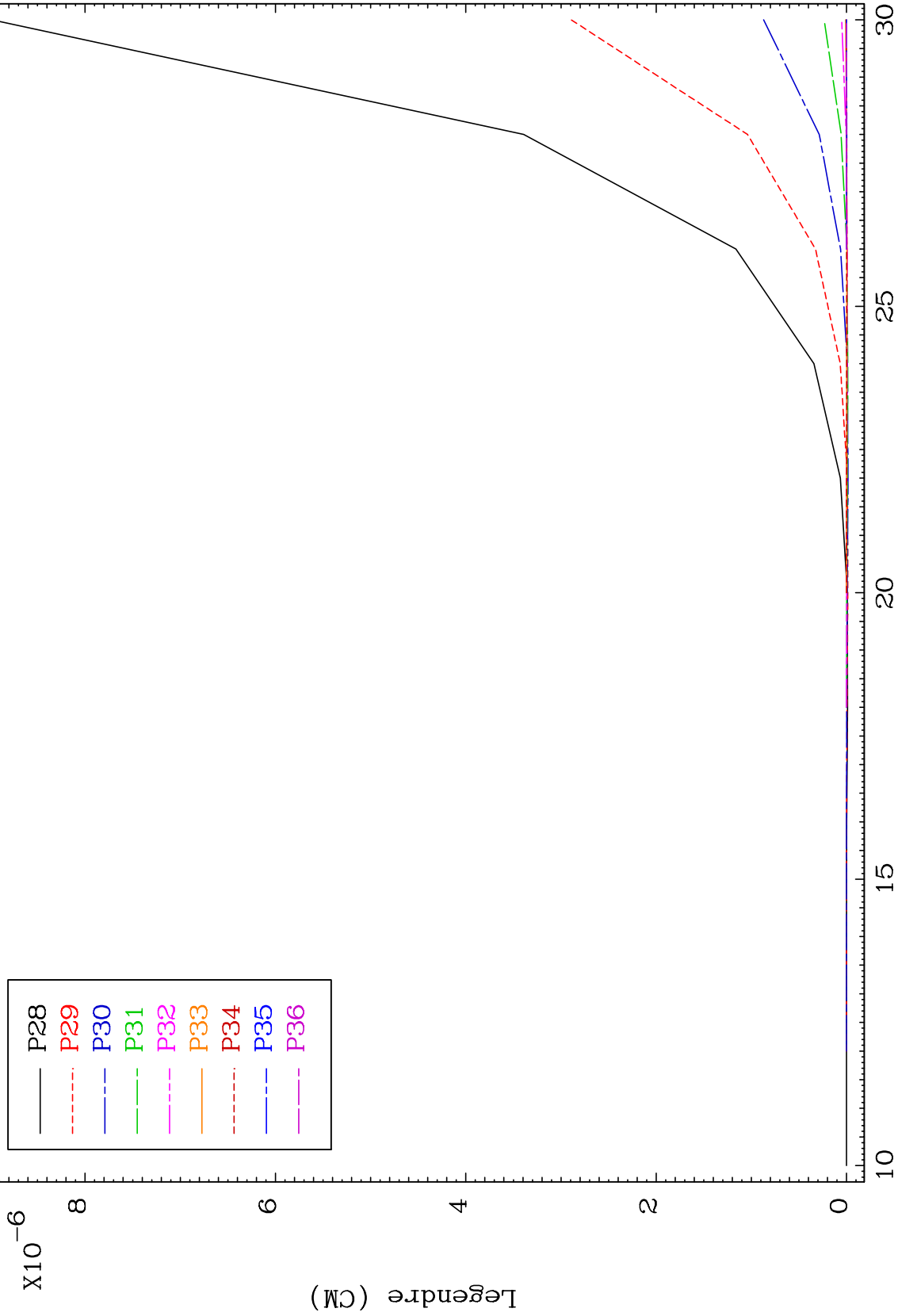
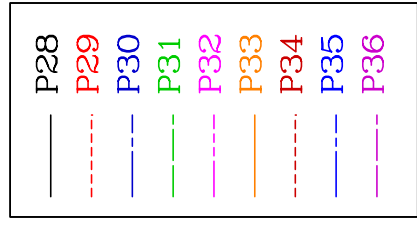
Incident Energy (MeV)

18

MAT 6331

Elastic Legendre Coefficients

63-Eu-153



19

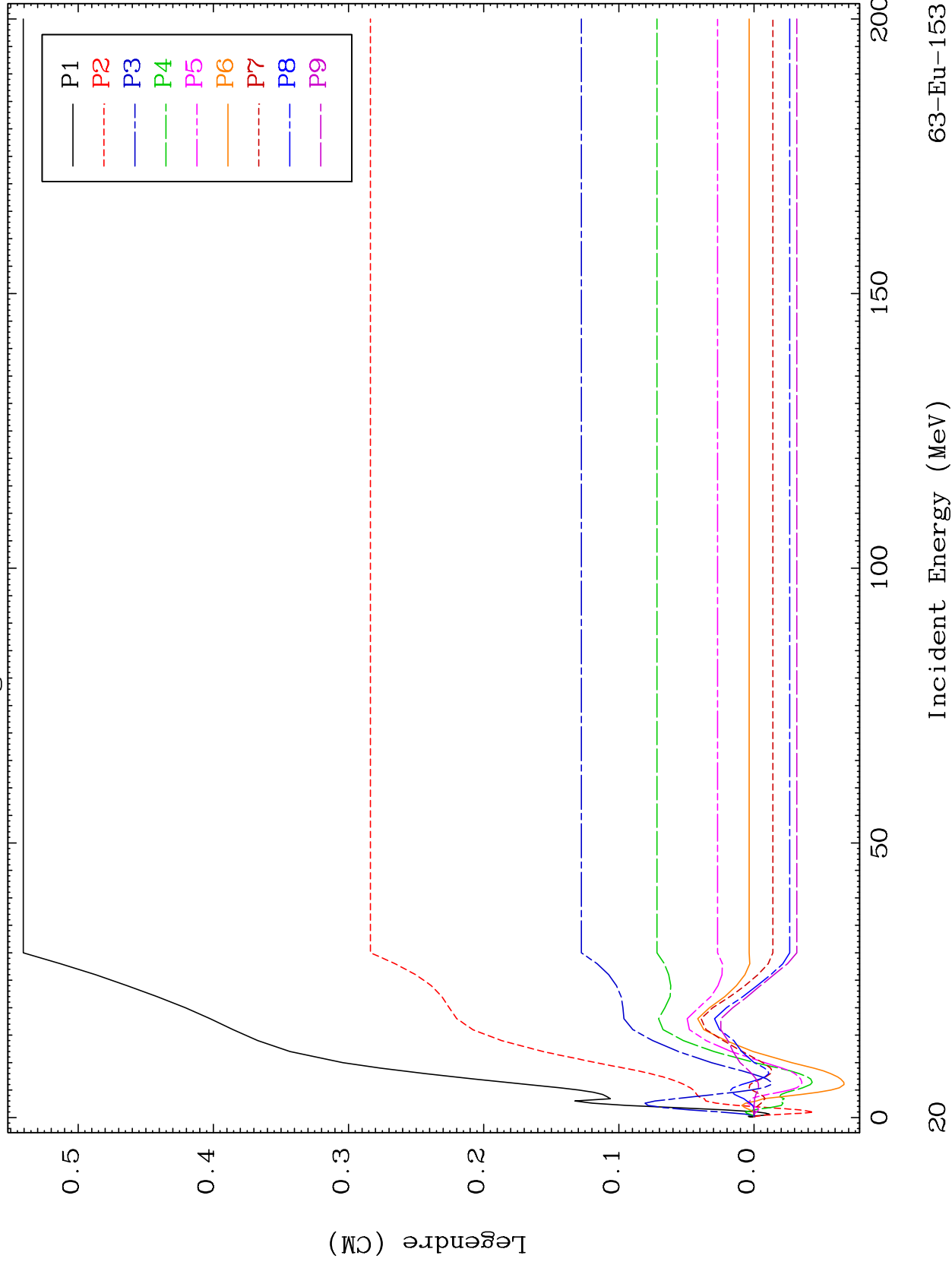
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

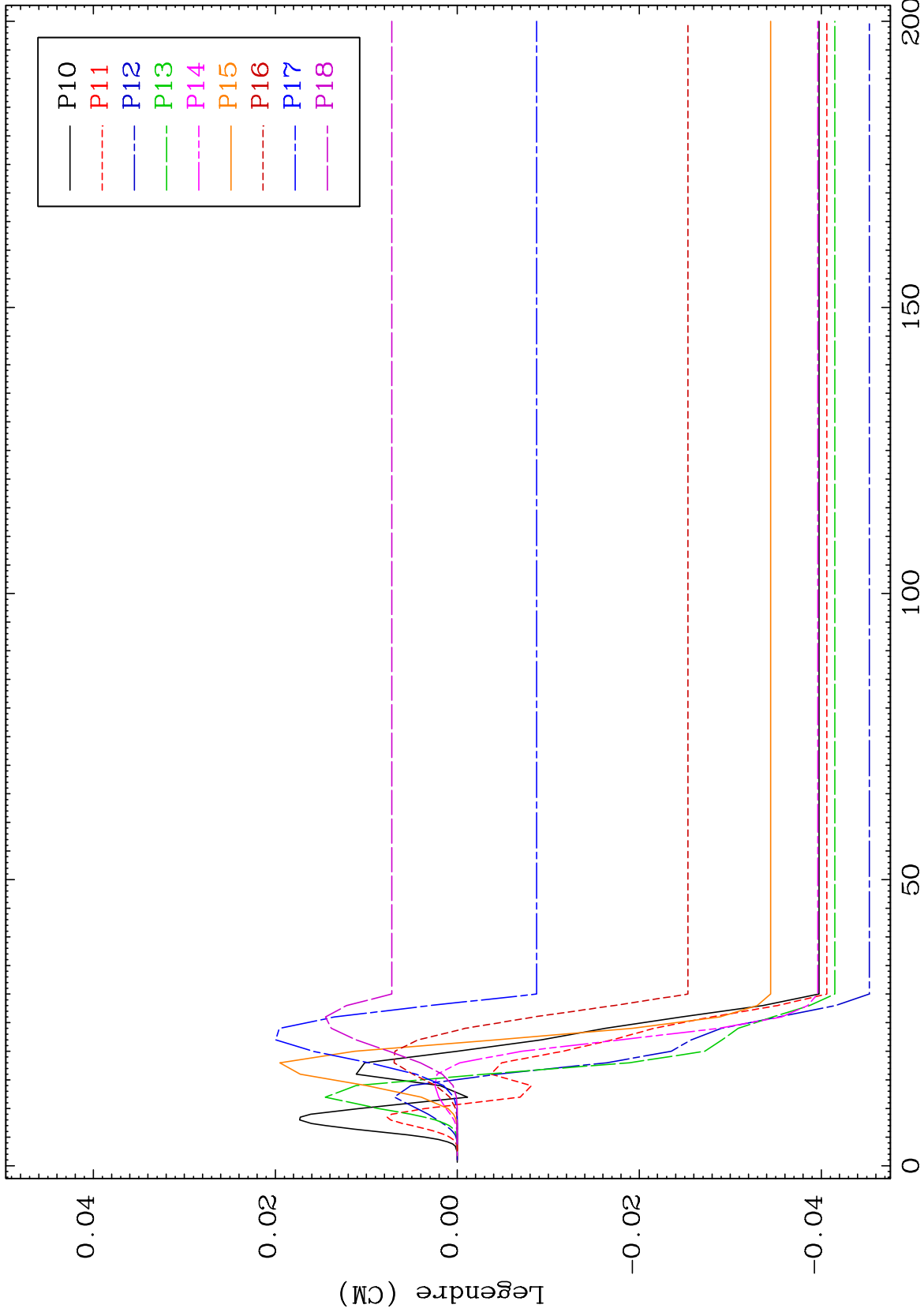
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MAT 6331

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

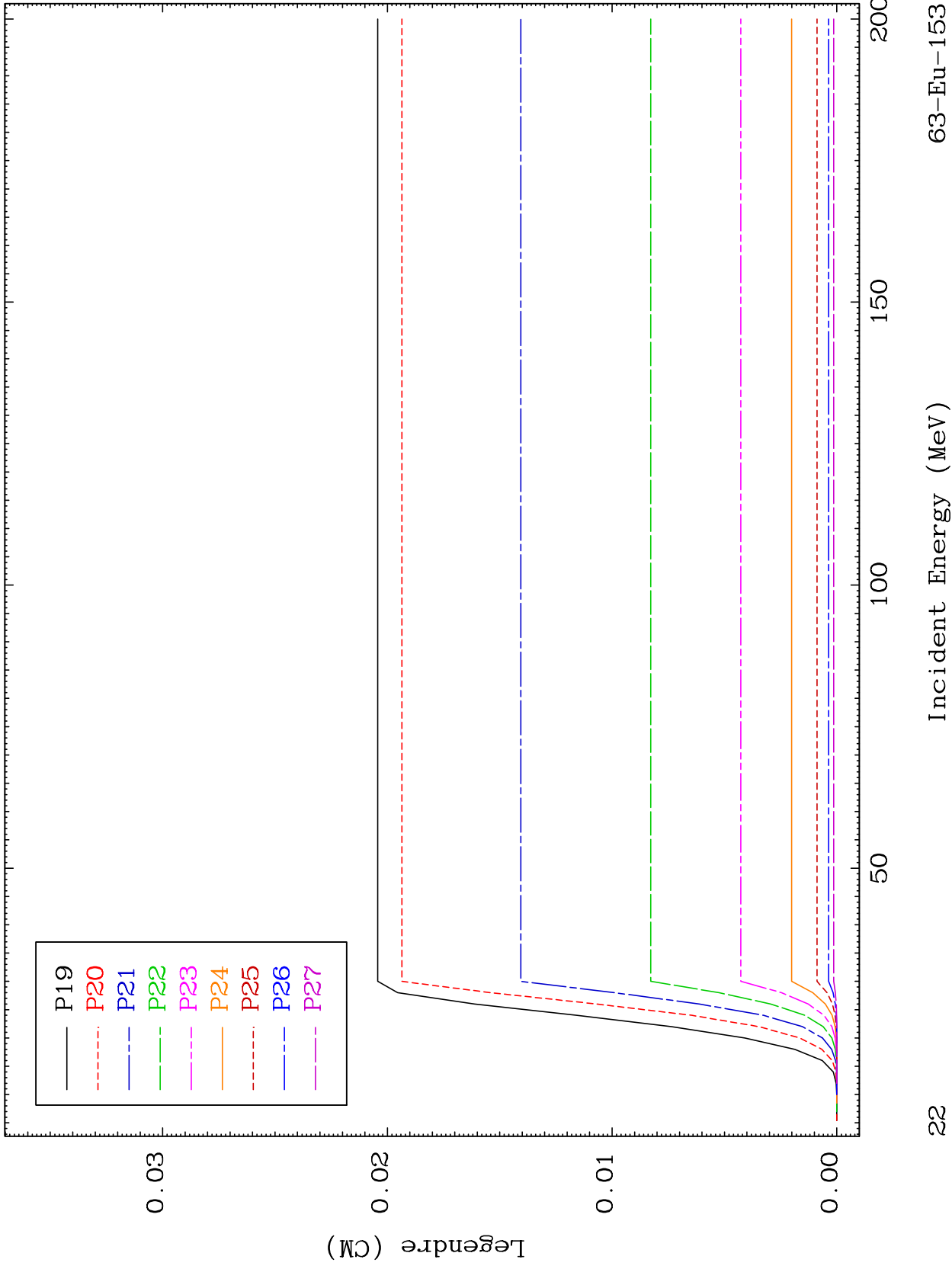
63-Eu-153



21

Incident Energy (MeV)

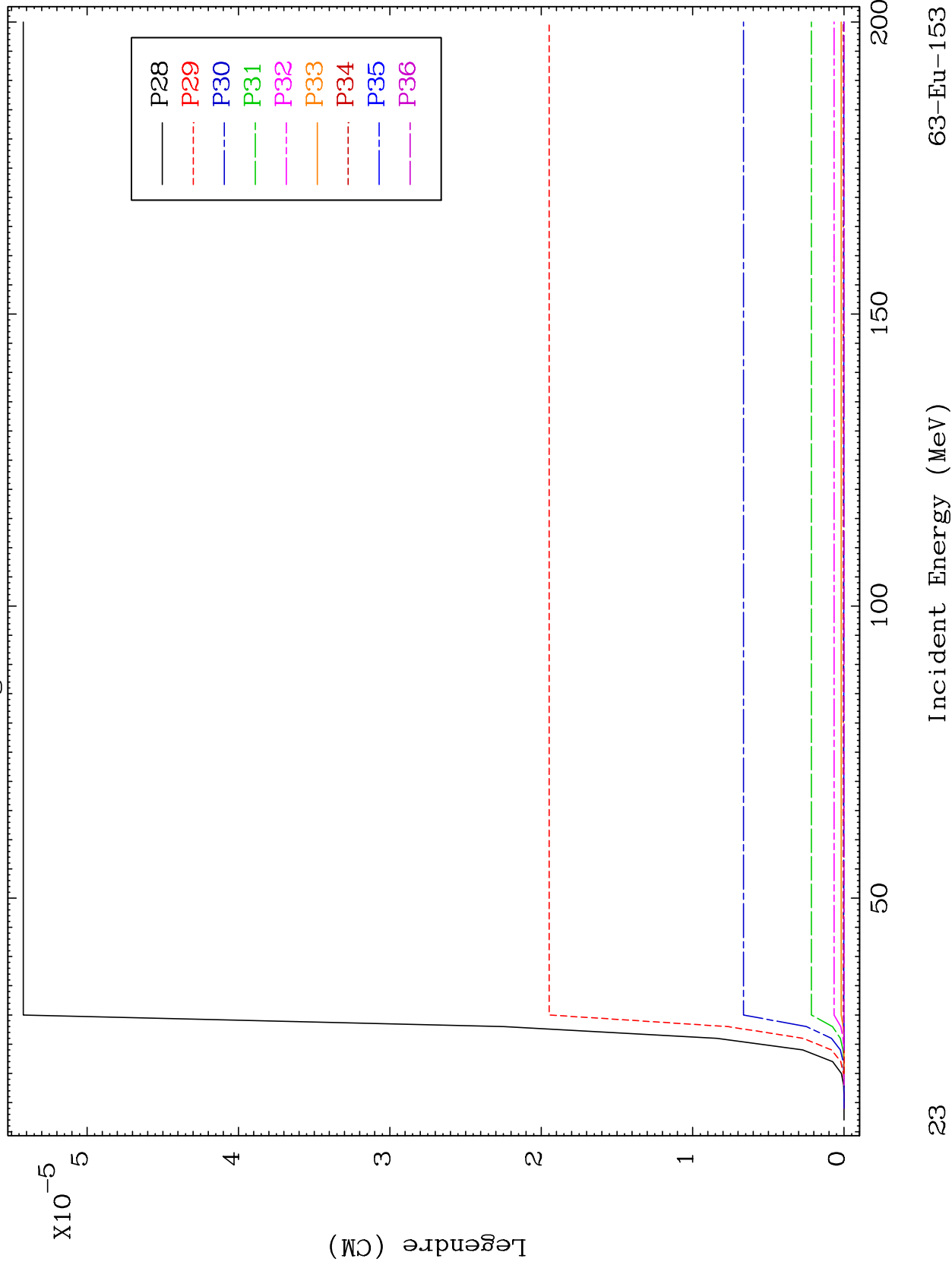
63-Eu-153



MAT 6331

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

63-Eu-153



23

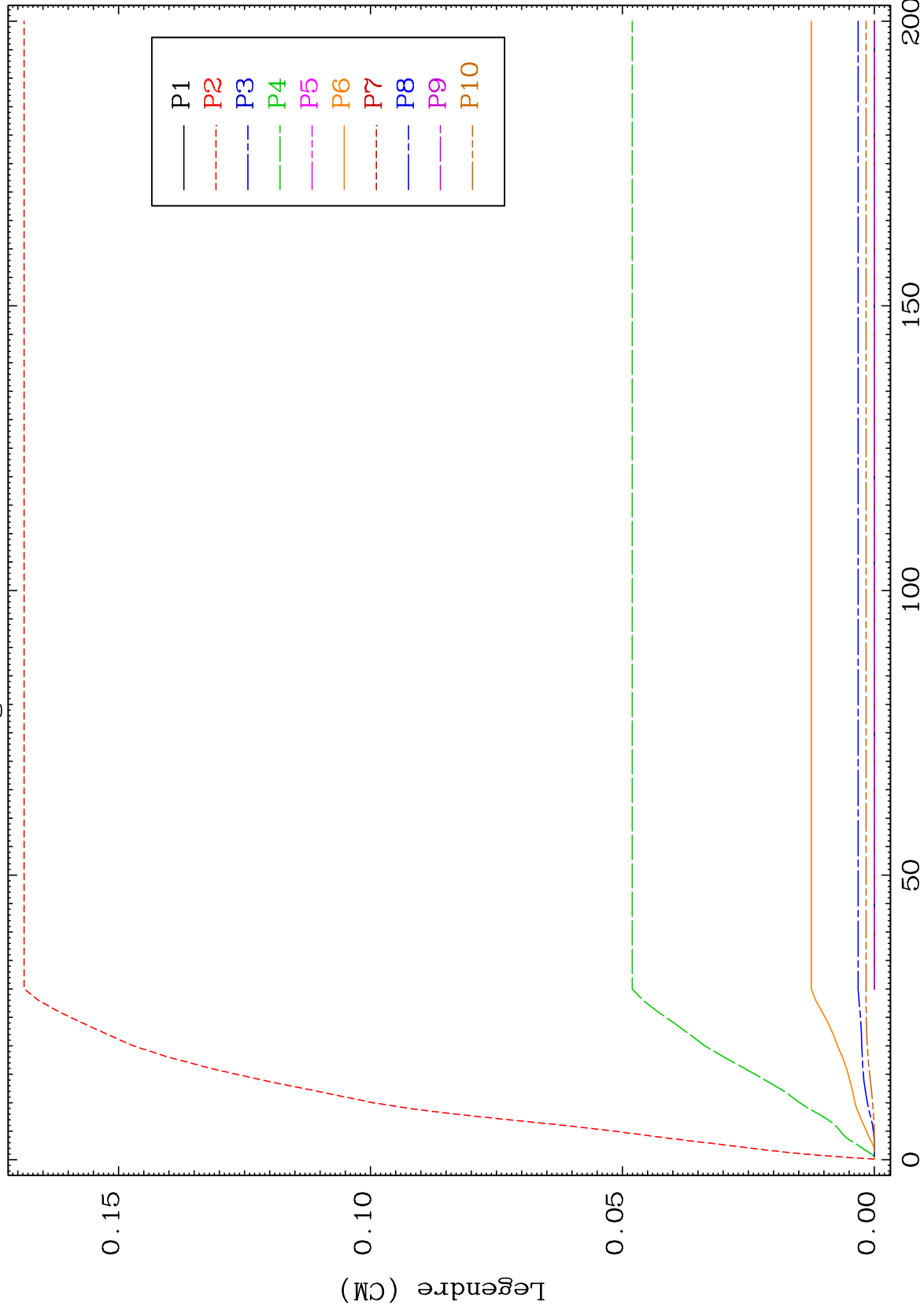
63-Eu-153



MAT 6331

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

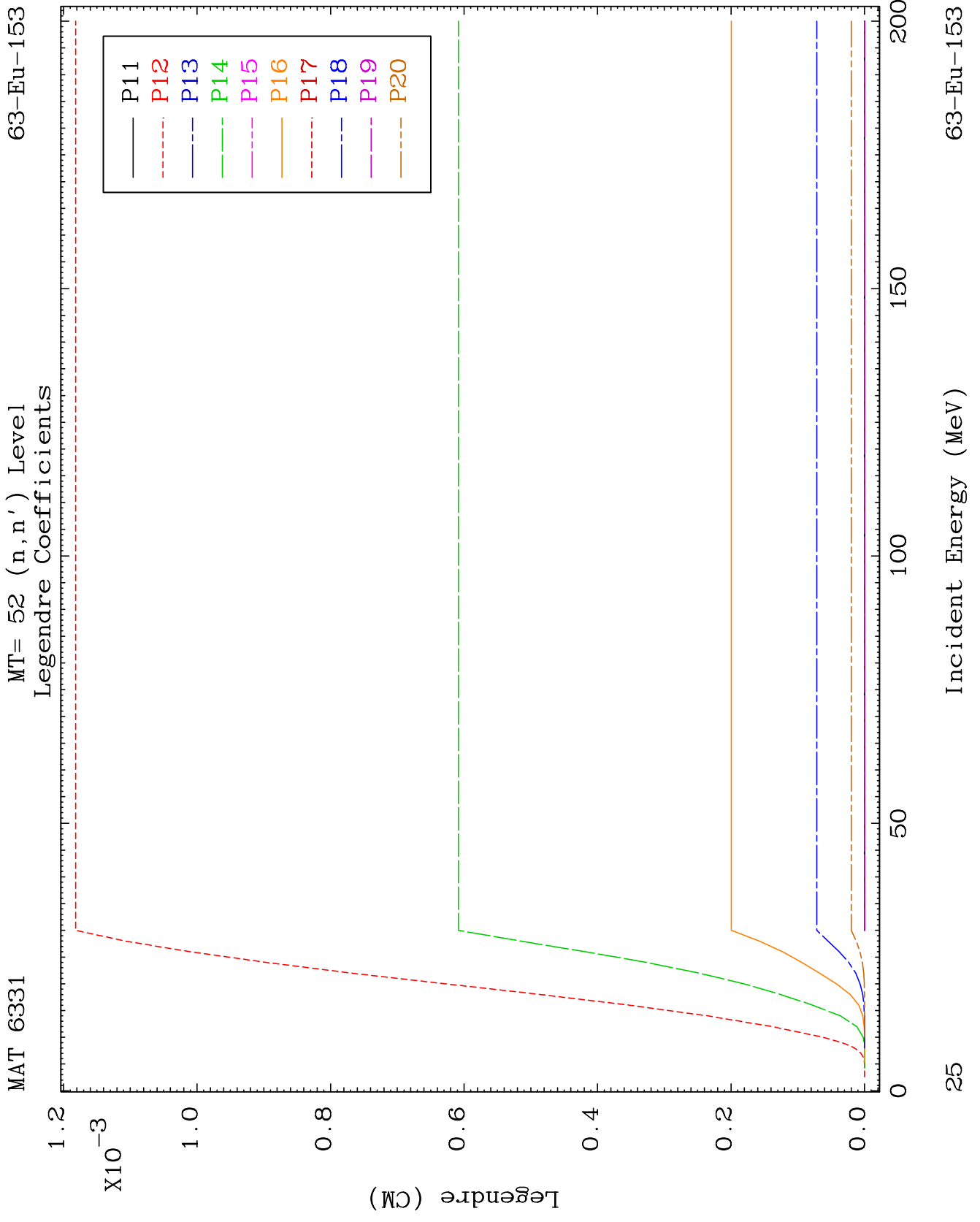
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24

Incident Energy (MeV)

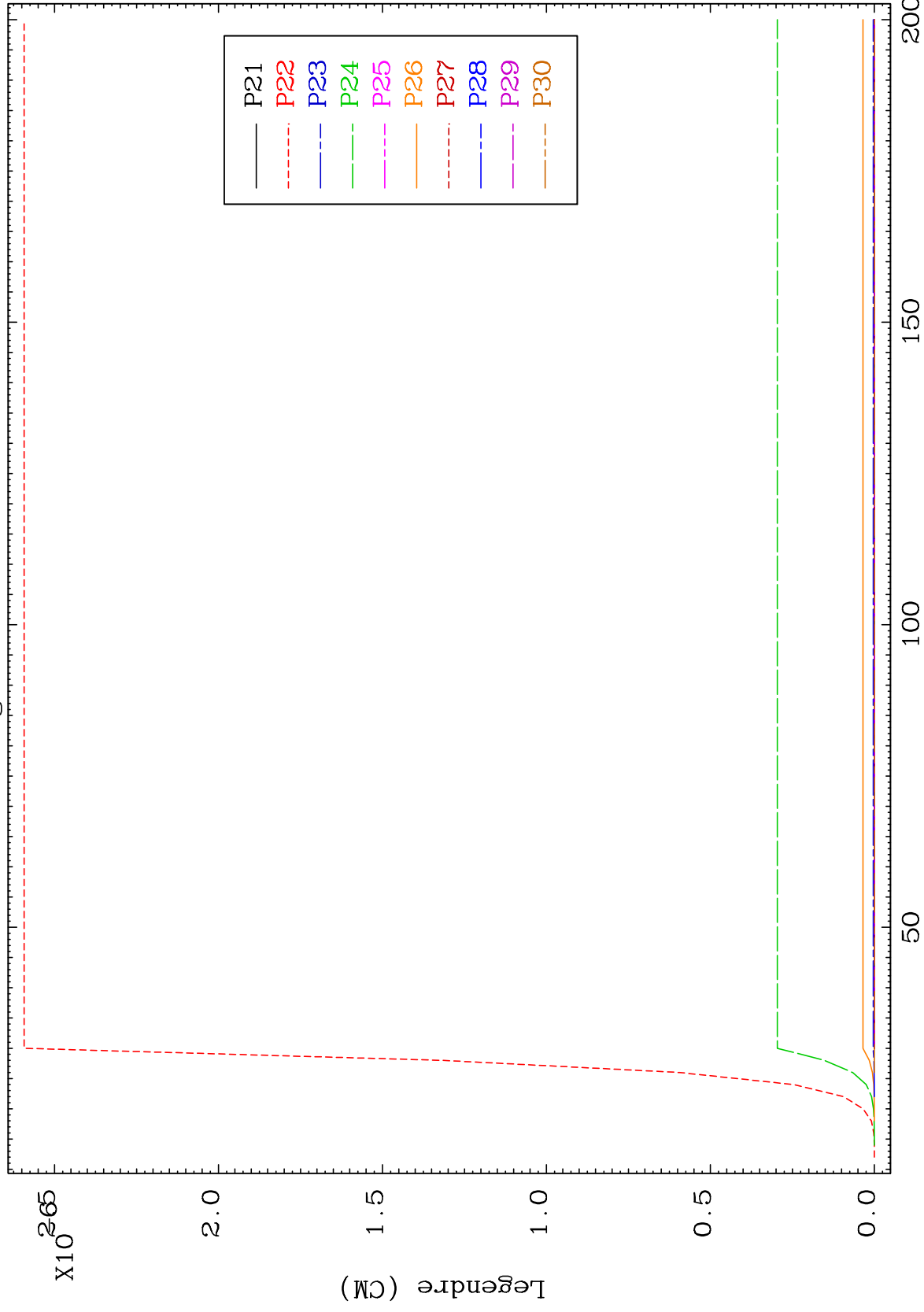
63-Eu-153



MAT 6331

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

63-Eu-153



26

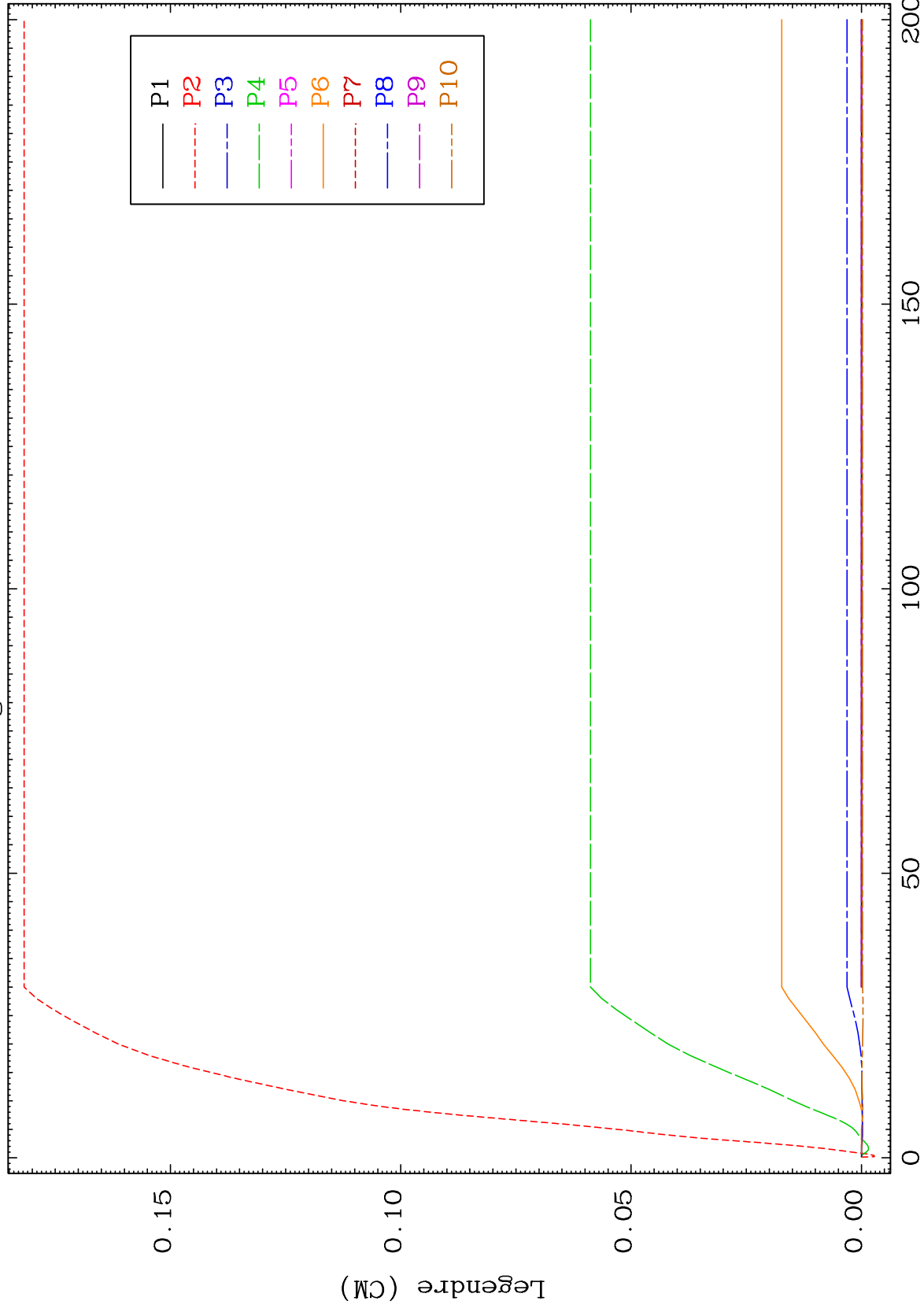
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



27

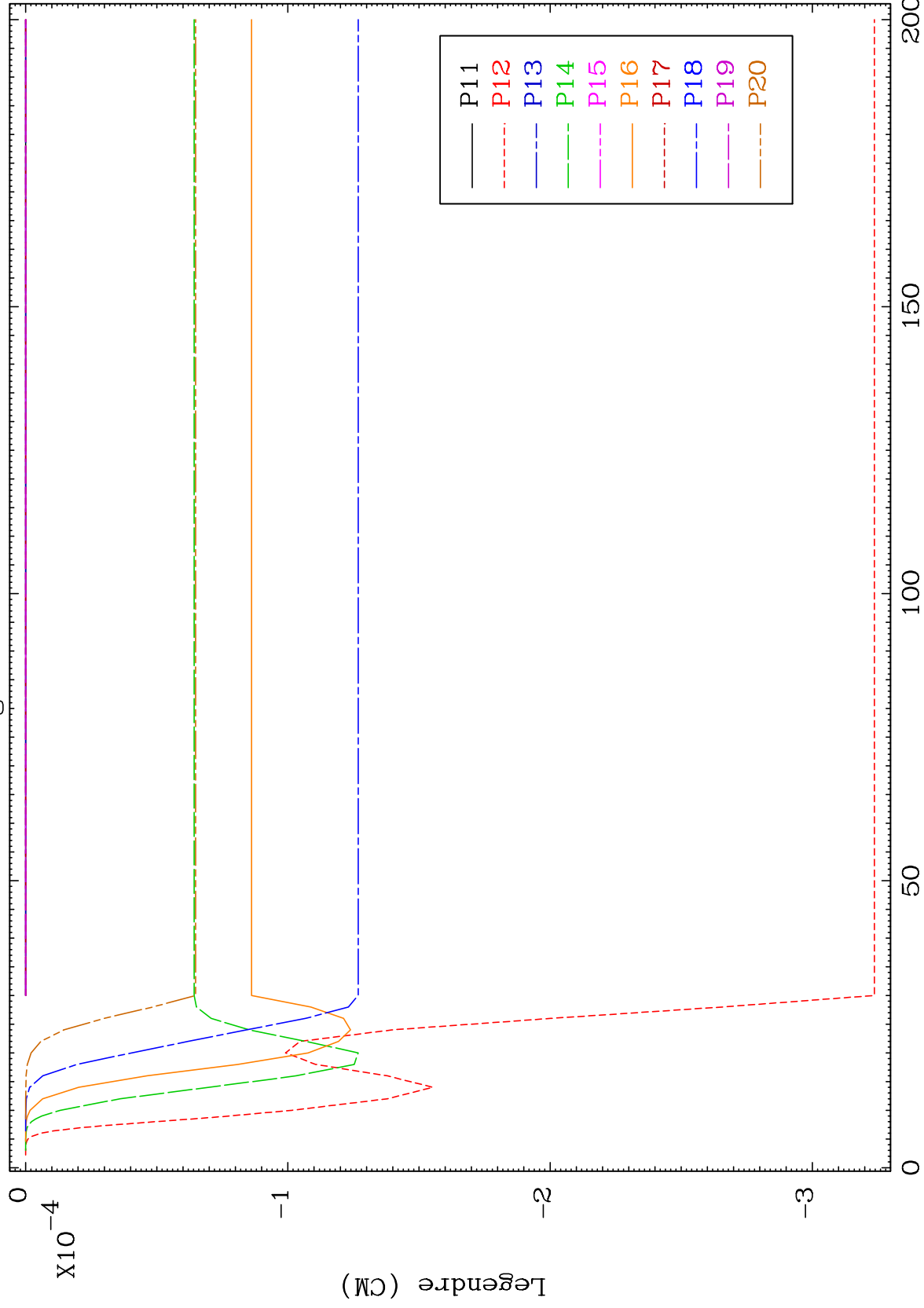
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



28

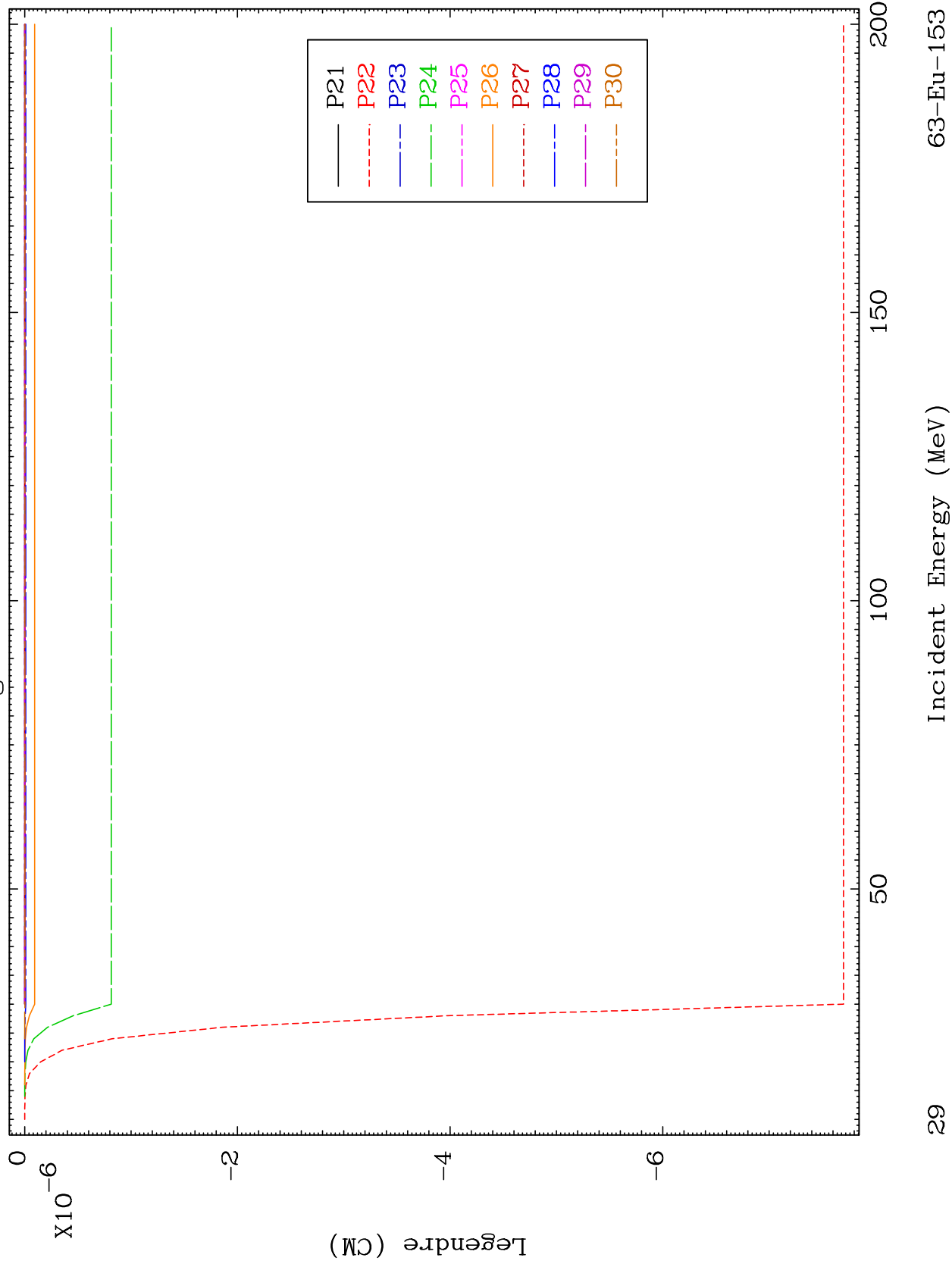
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



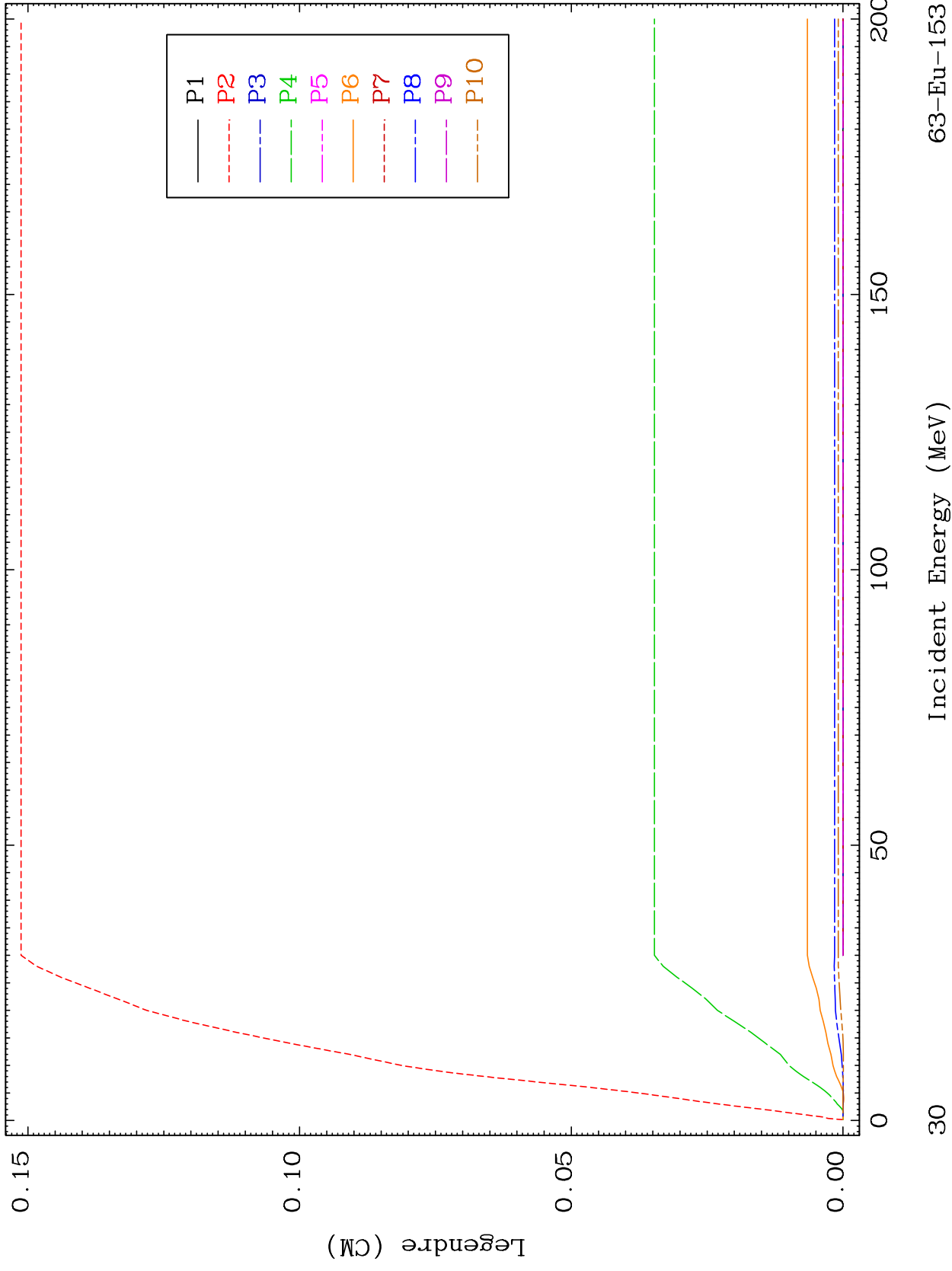
29

63-Eu-153

MAT 6331

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

63-Eu-153

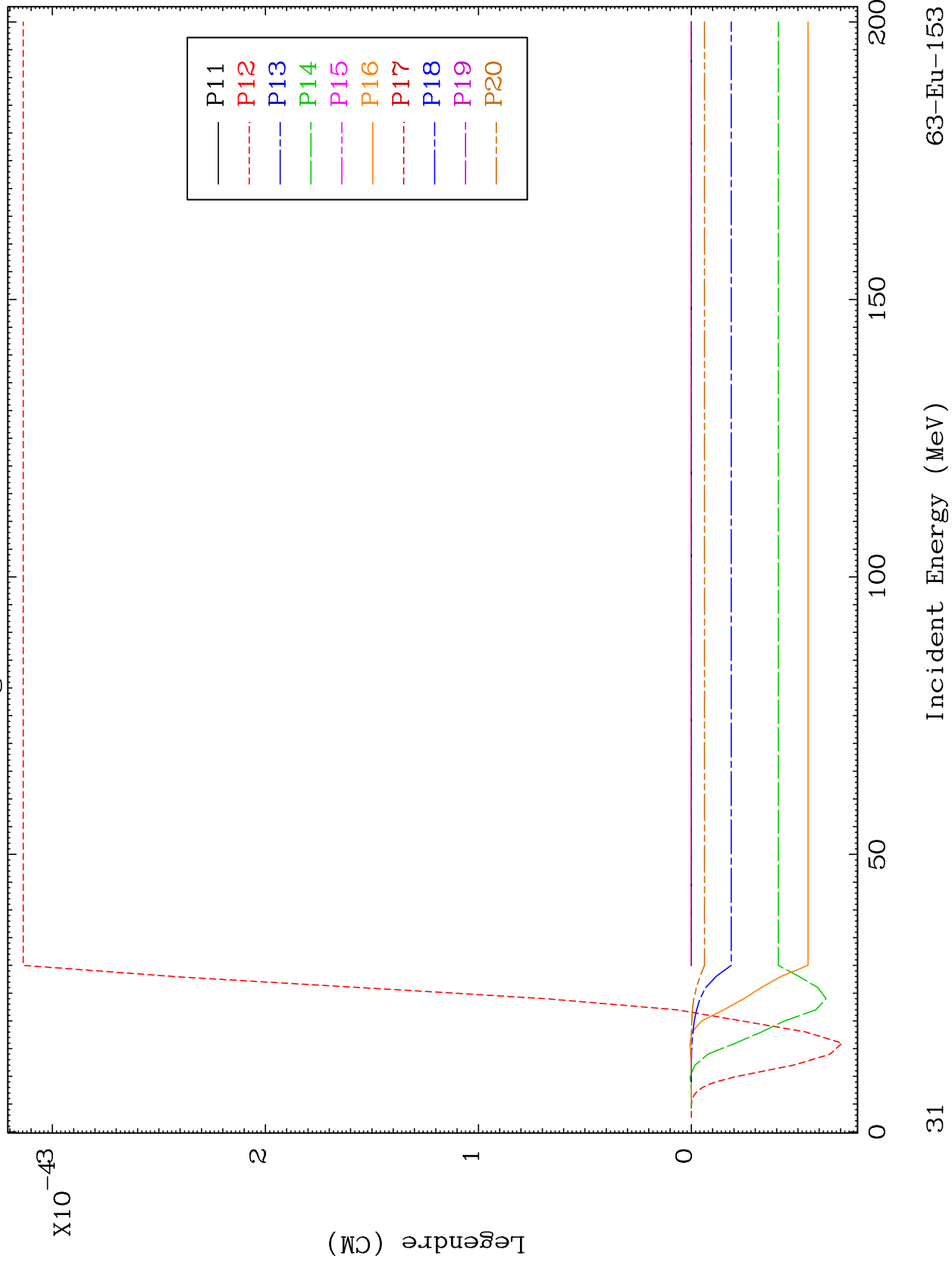


63-Eu-153

MAT 6331

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

63-Eu-153



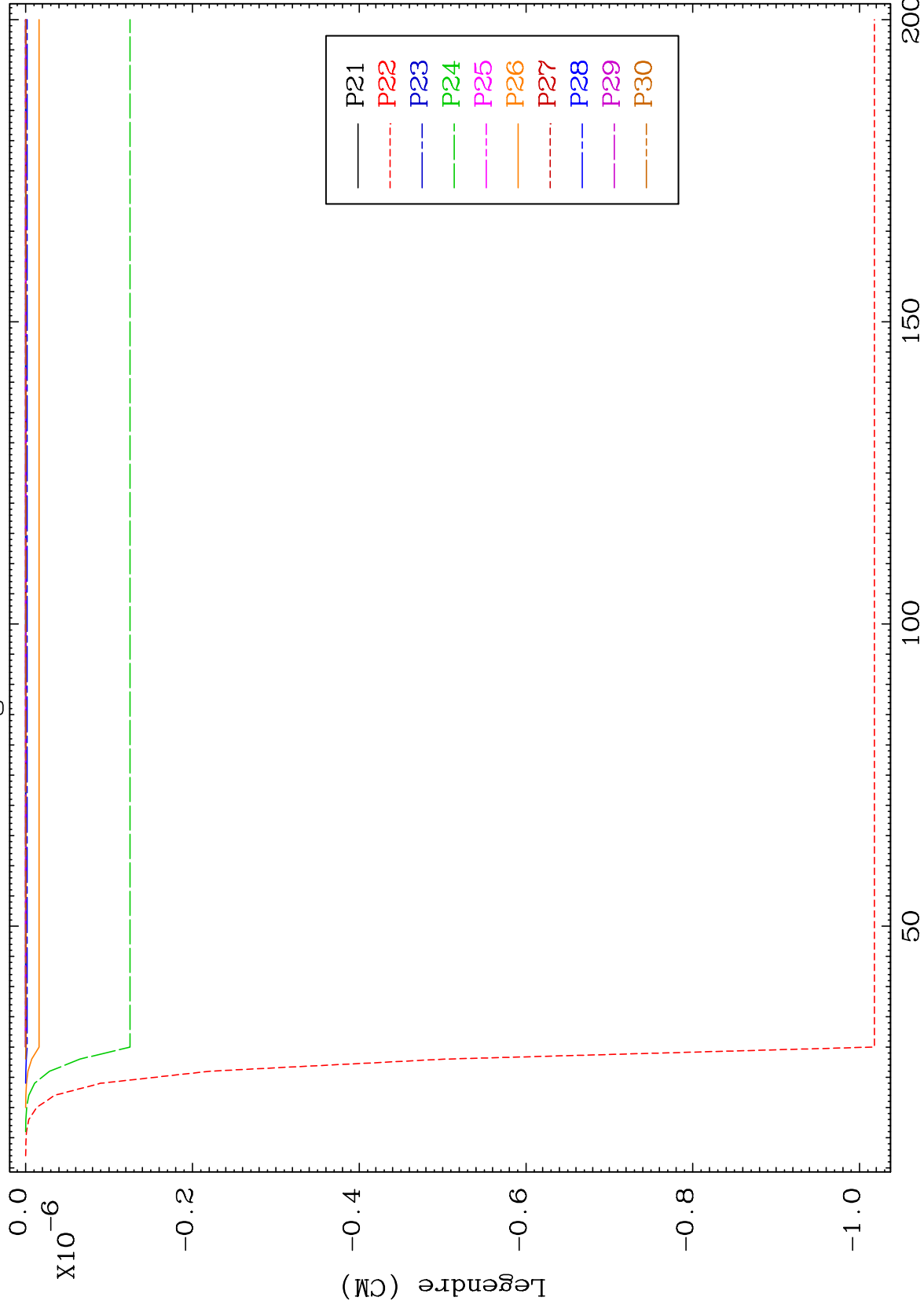


MAT 6331

MT= 54 (n,n') Level

63-Eu-153

Legendre Coefficients



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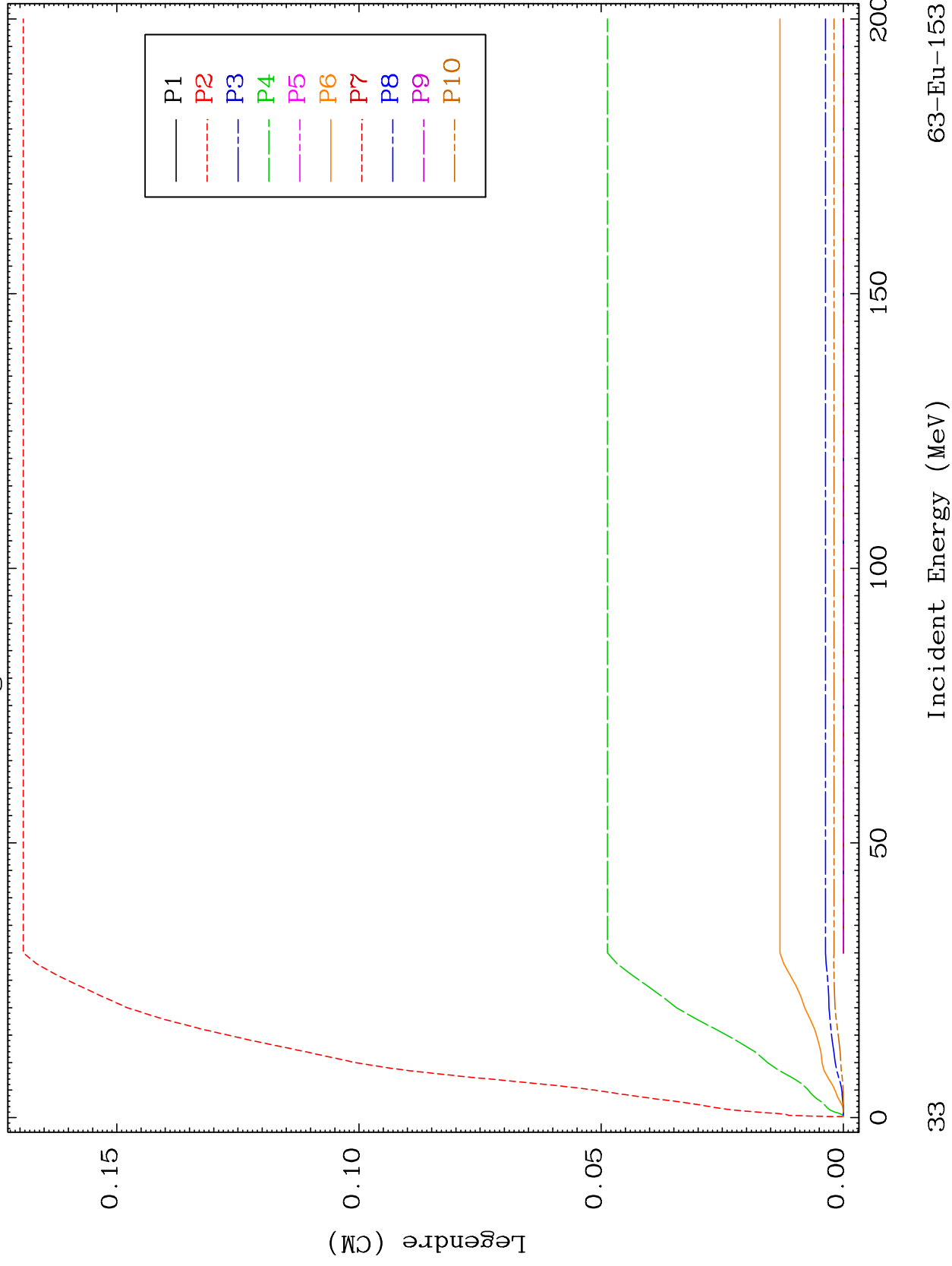
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

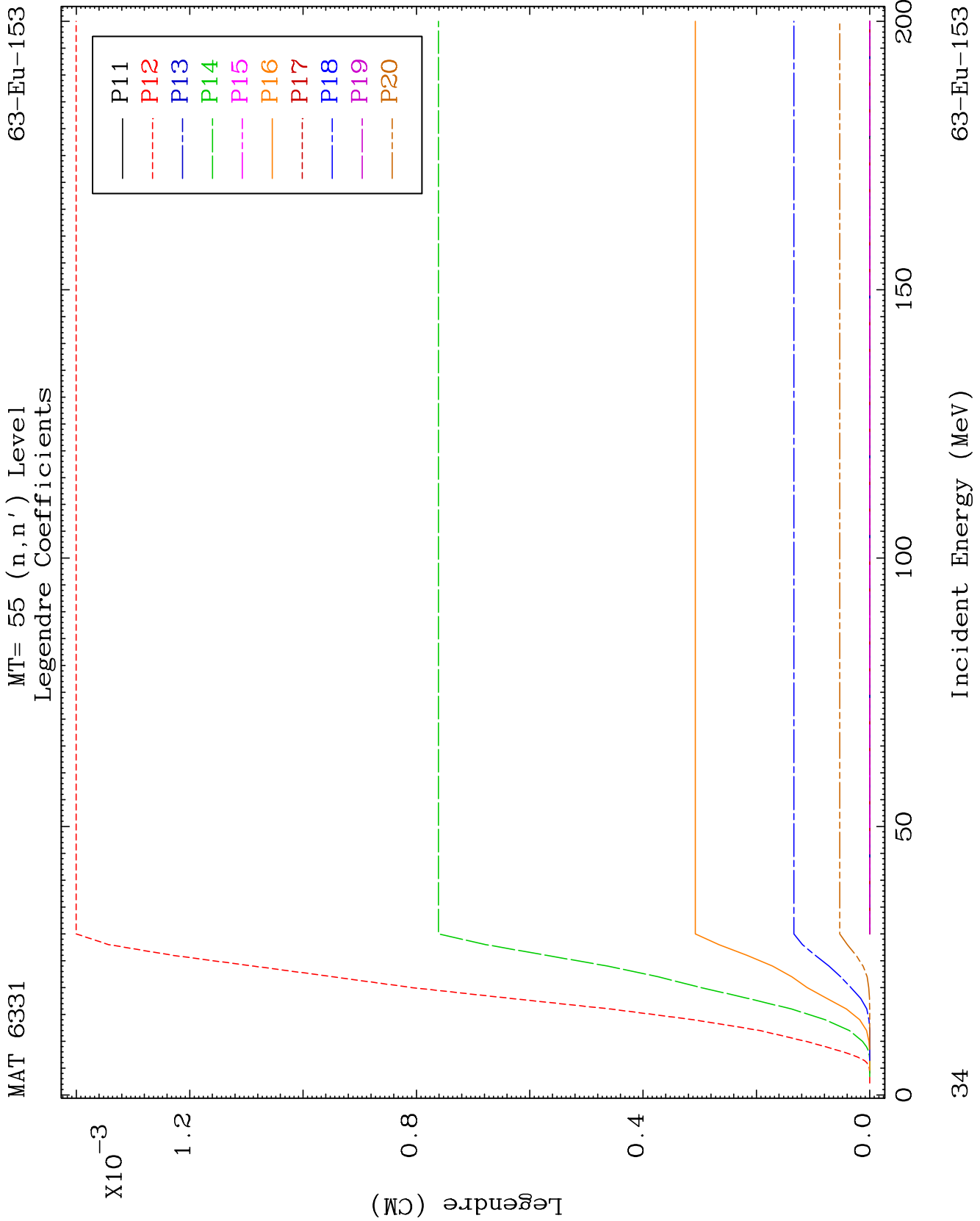
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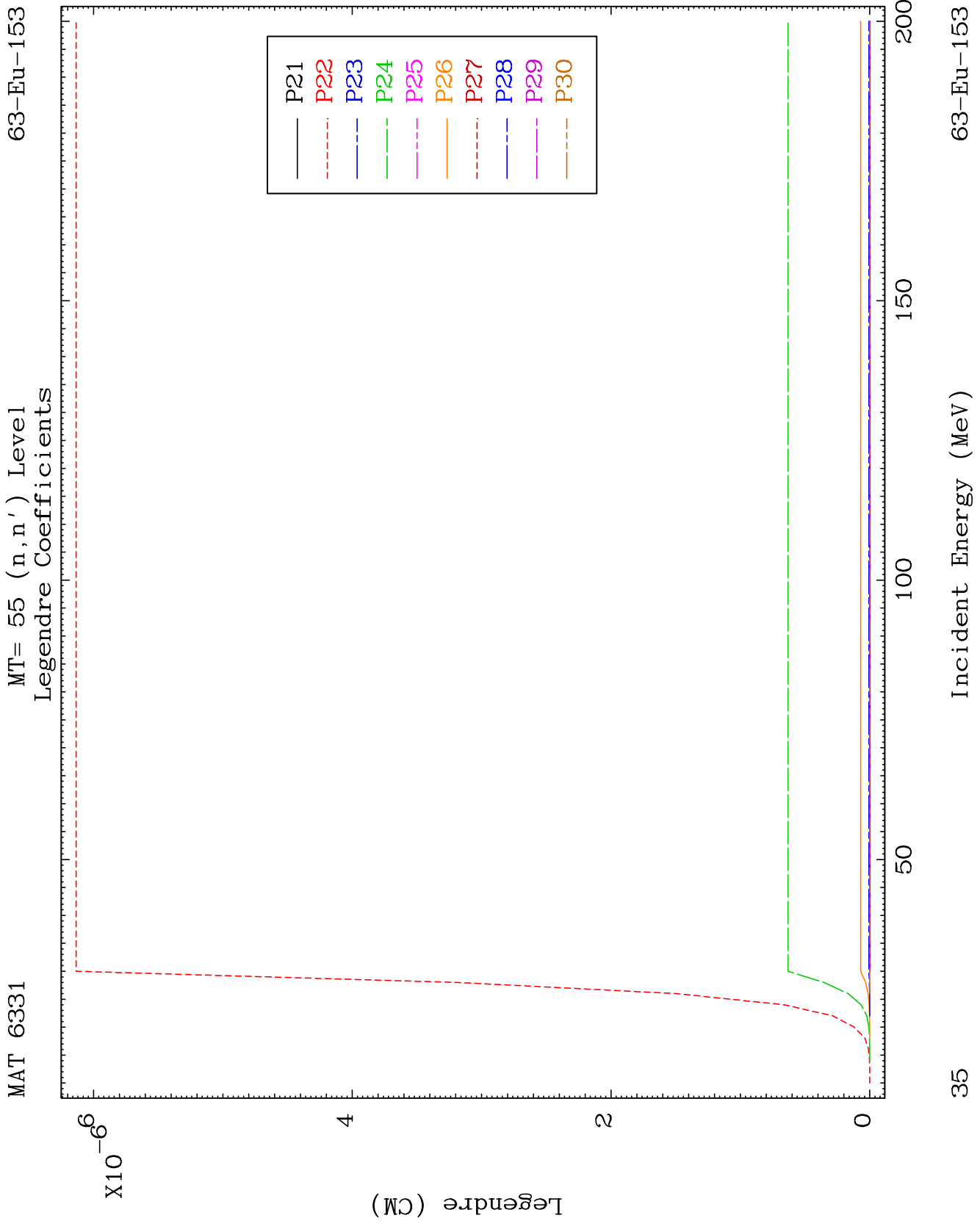


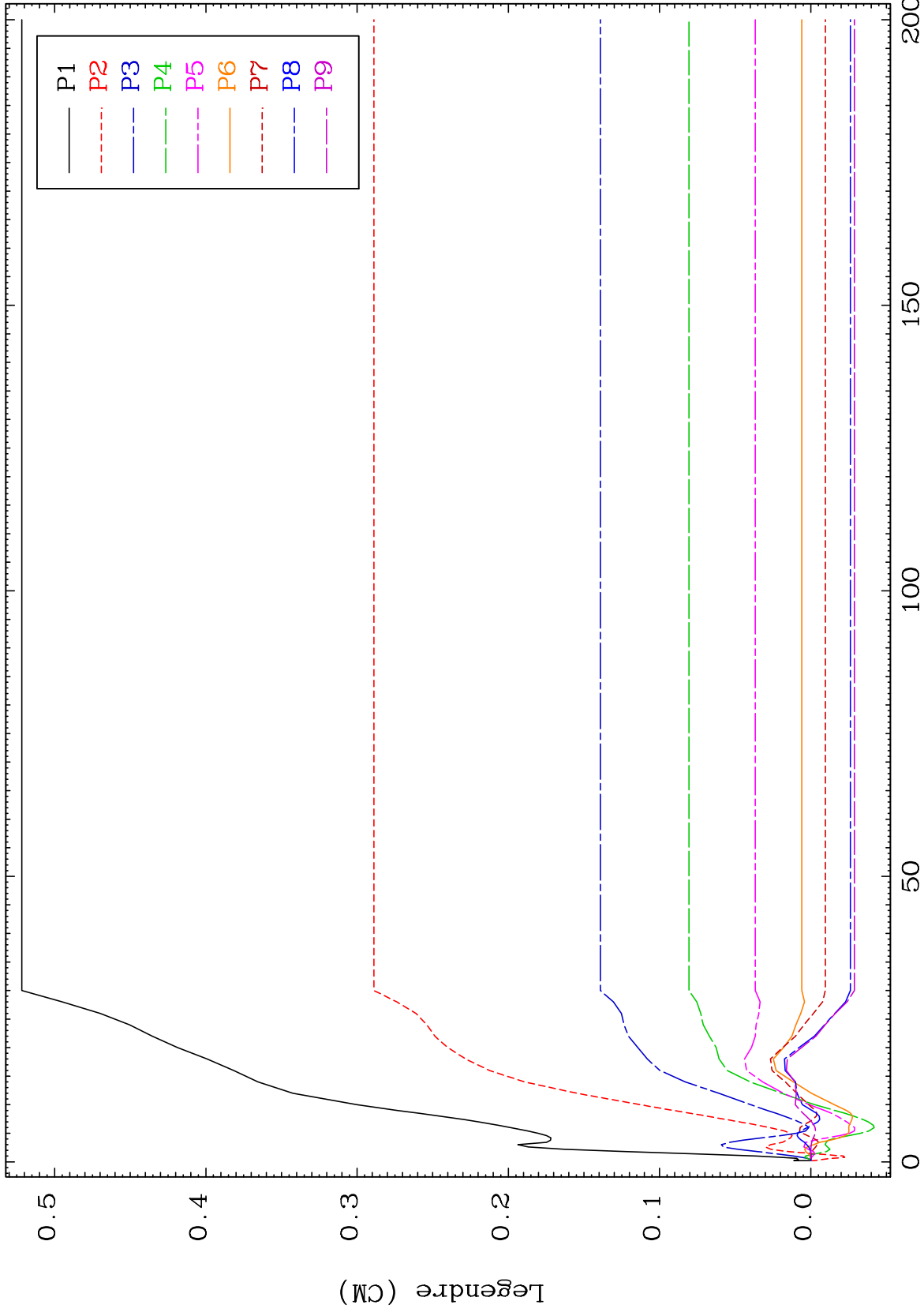
63-Eu-153

Incident Energy (MeV)

33



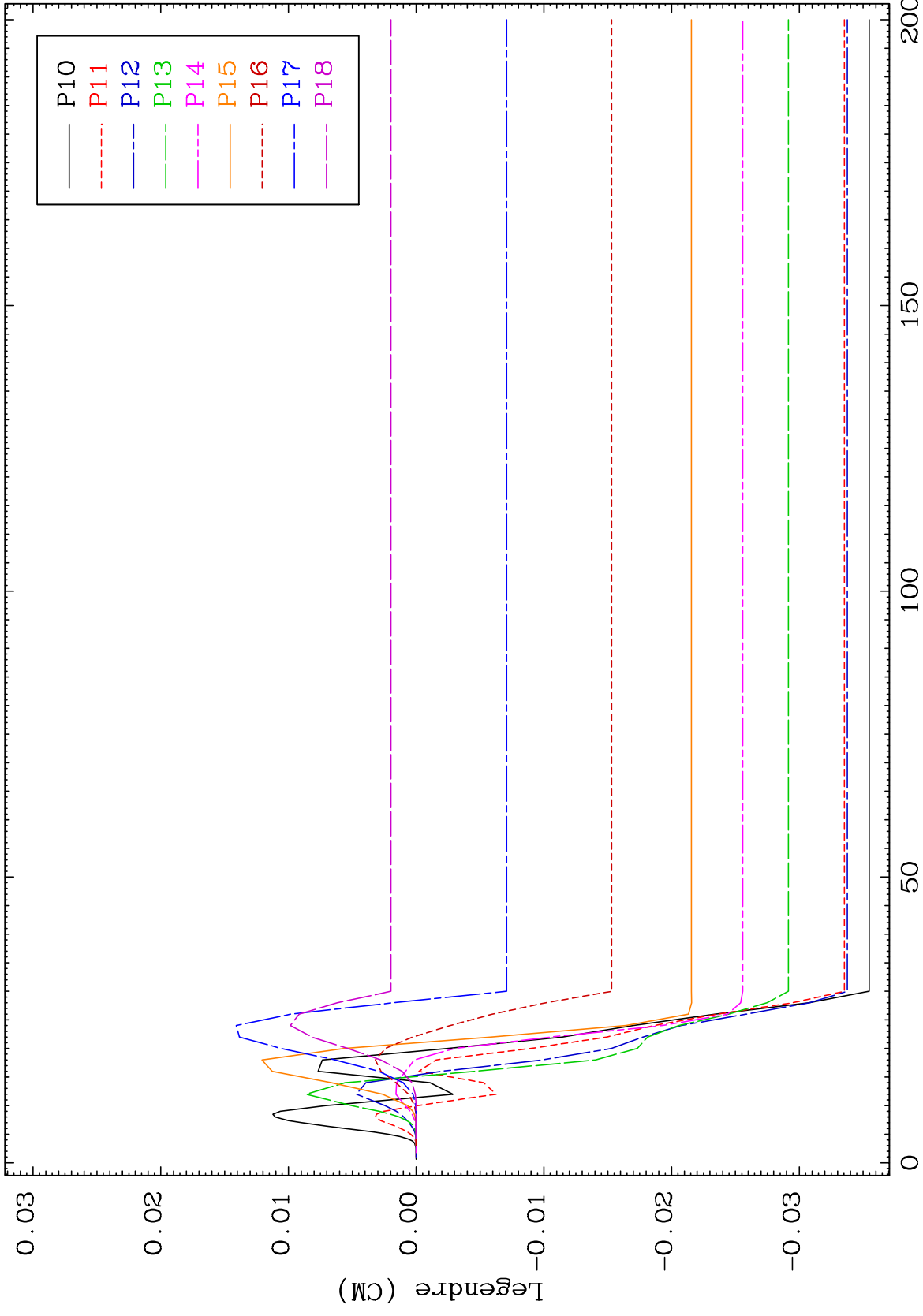




MAT 6331

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

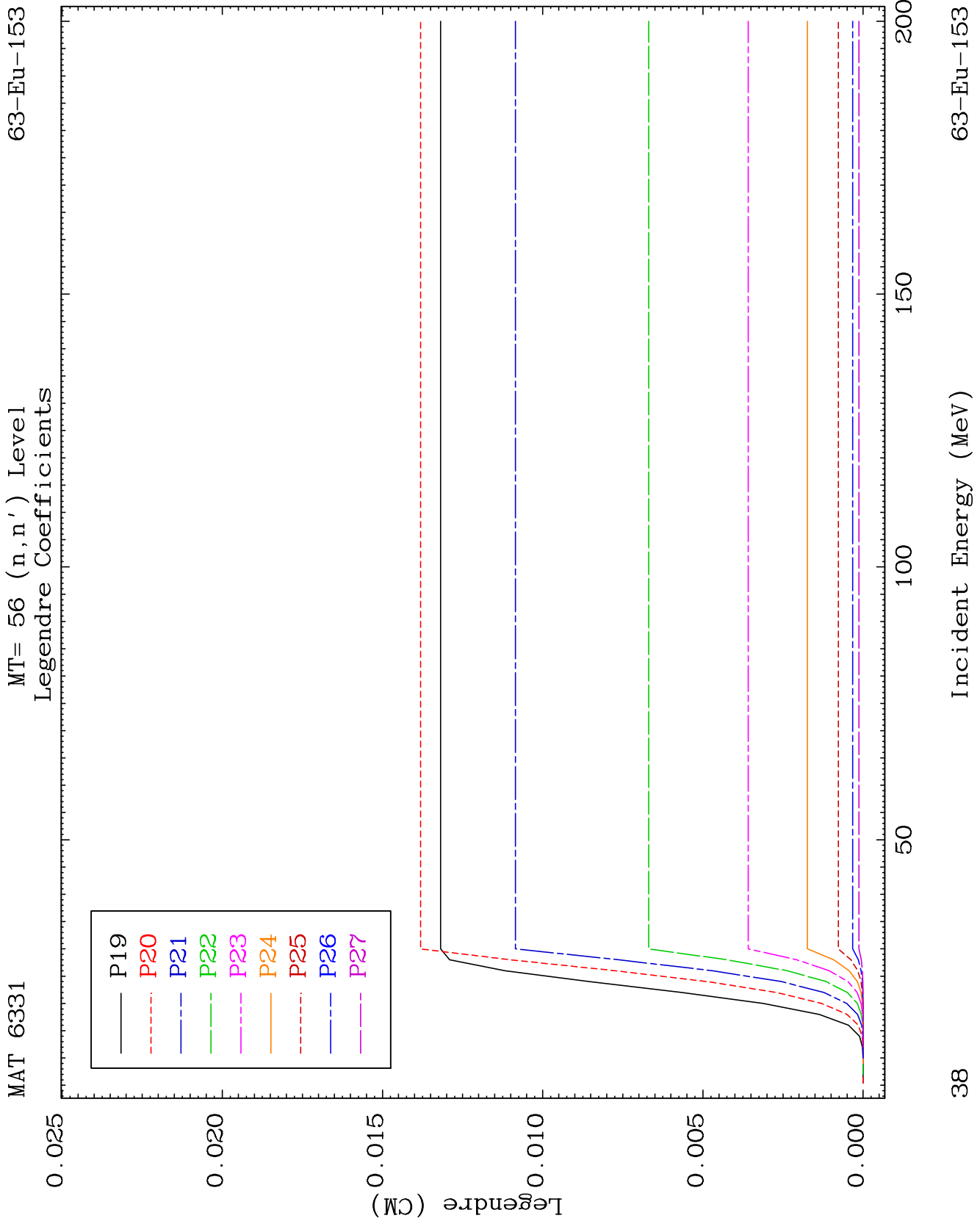
63-Eu-153



37

Incident Energy (MeV)

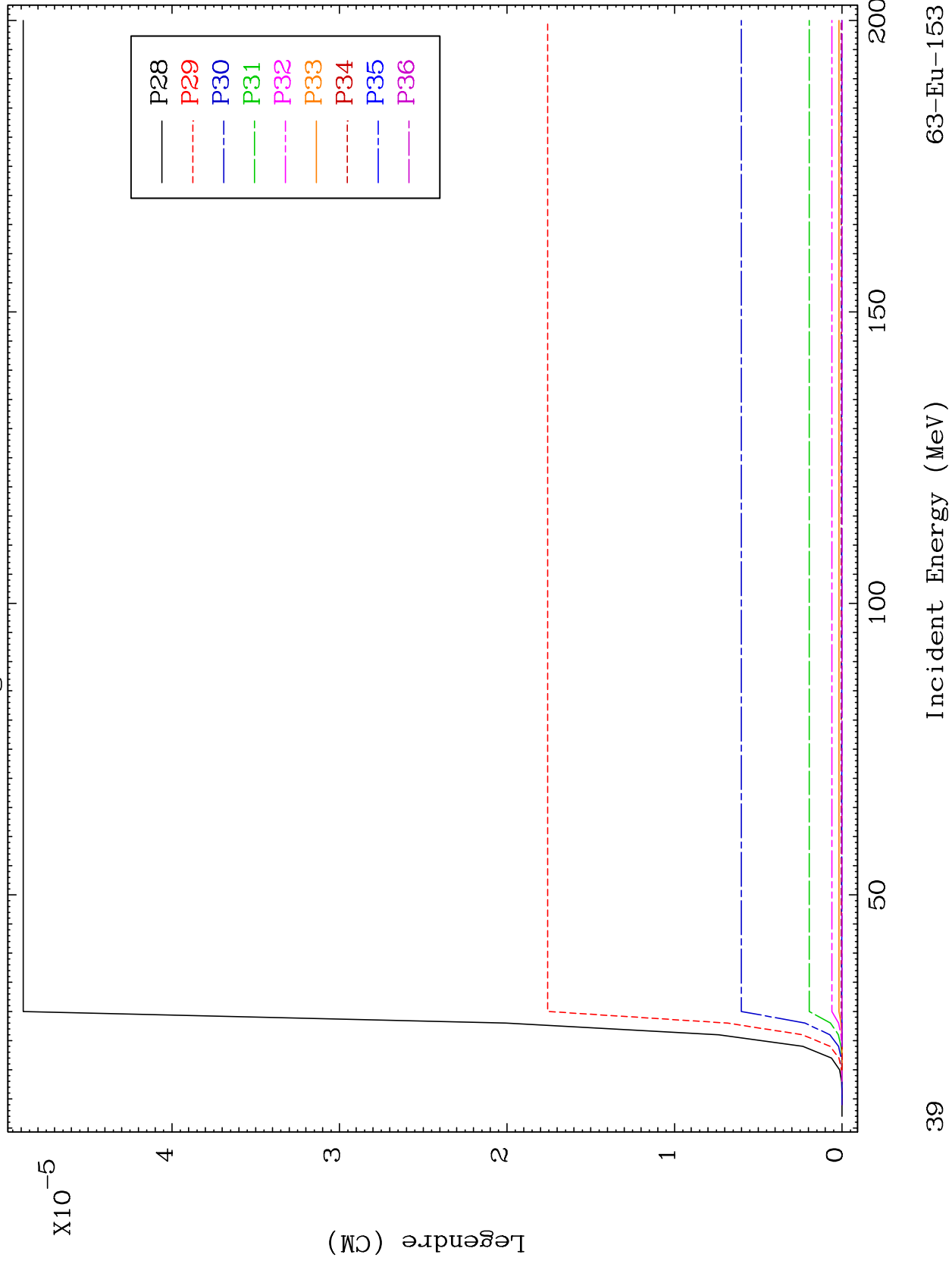
63-Eu-153



MAT 6331

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

63-Eu-153



39

Incident Energy (MeV)

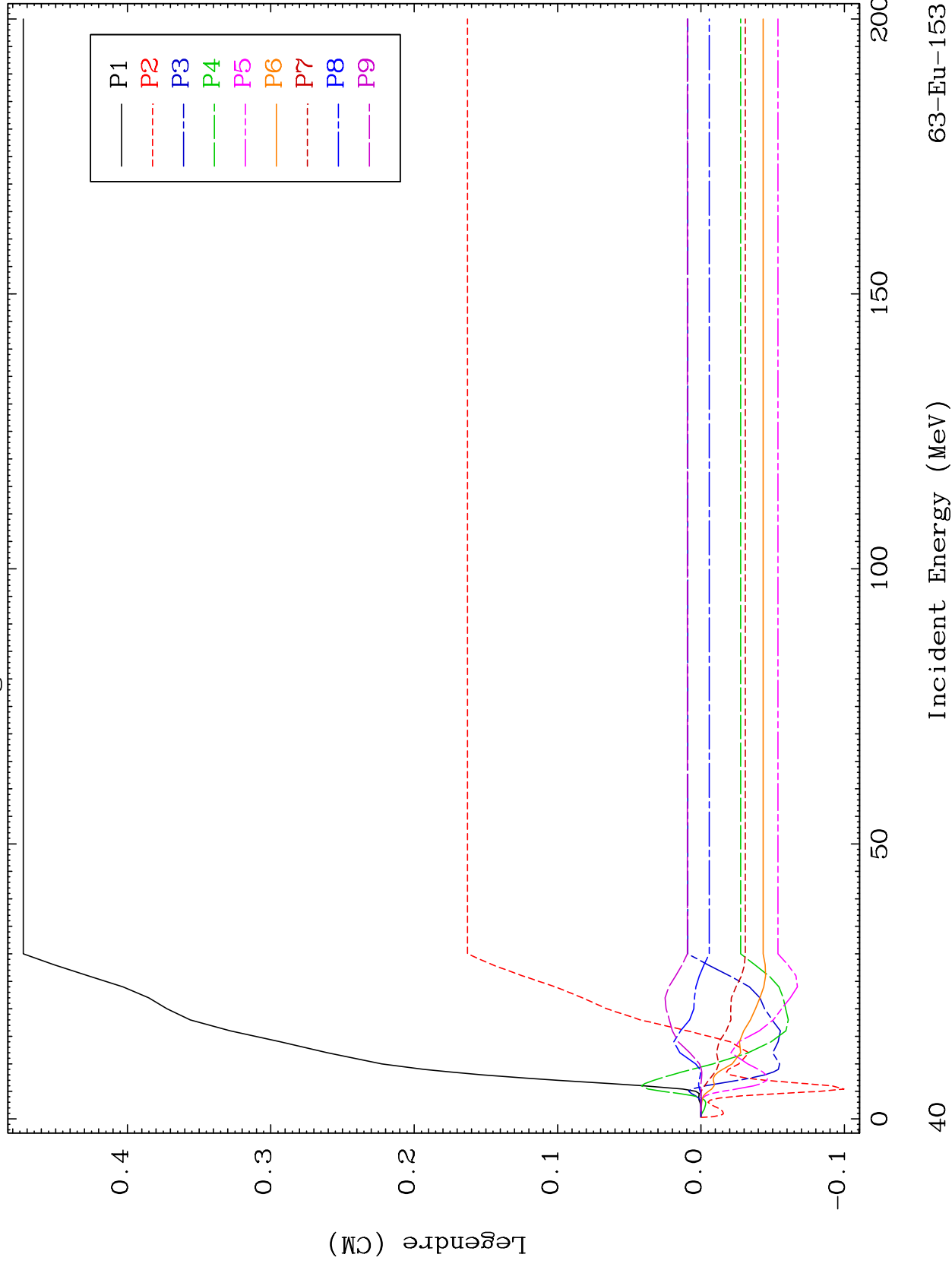
63-Eu-153



MAT 6331

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

63-Eu-153



63-Eu-153

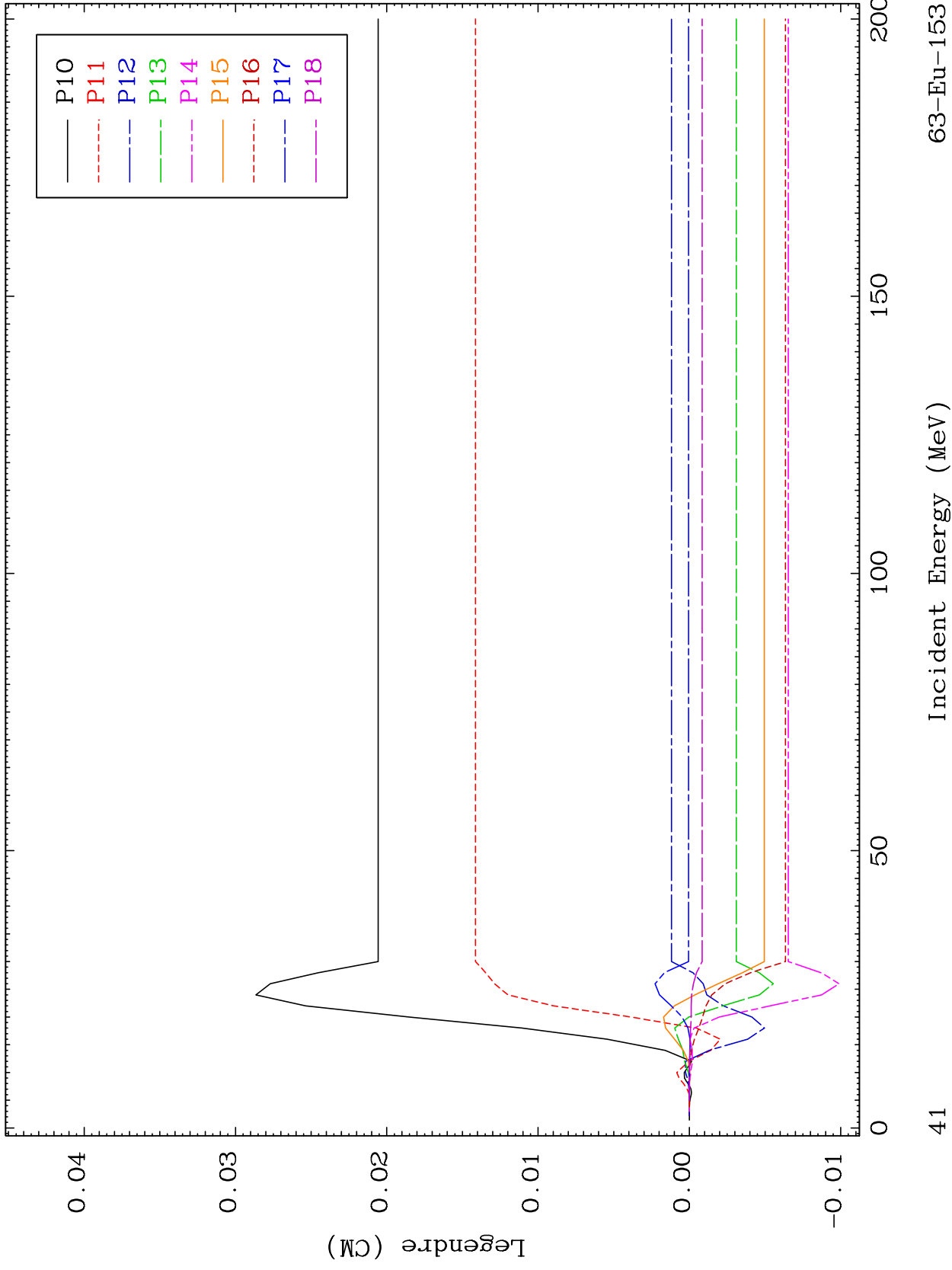
Incident Energy (MeV)

40

MAT 6331

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

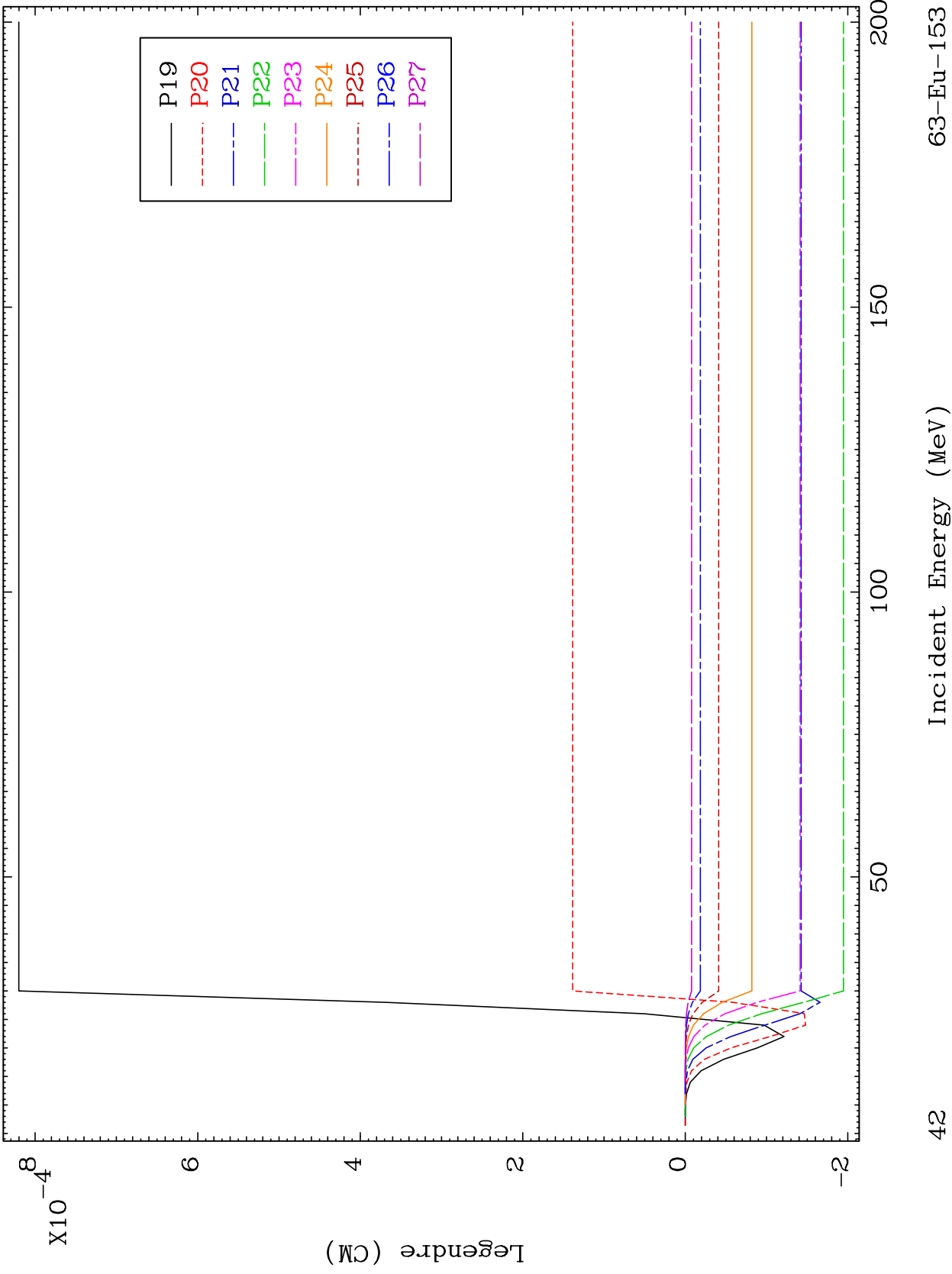
63-Eu-153



41

Incident Energy (MeV)

63-Eu-153

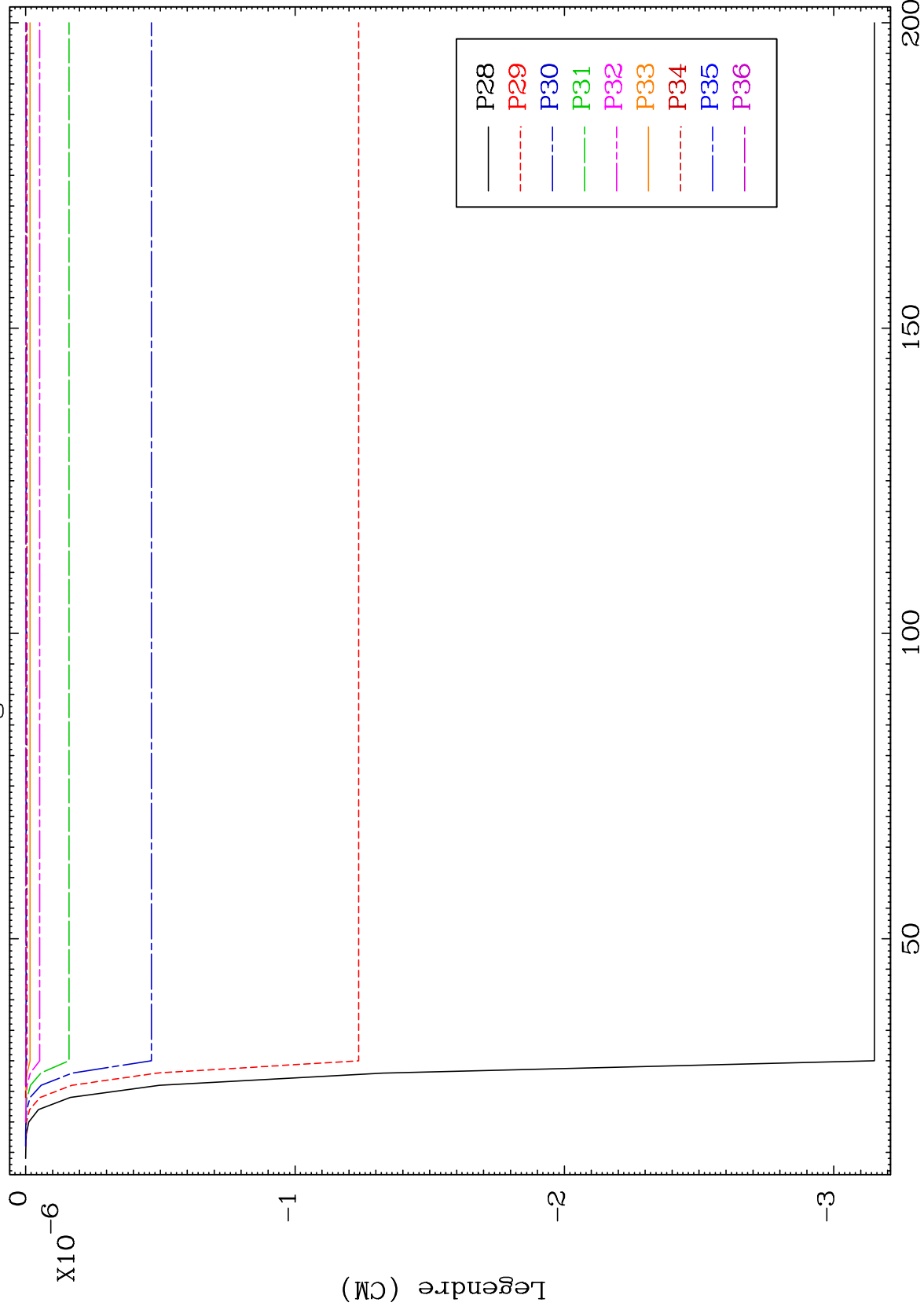


MAT 6331

MT= 57 (n,n') Level

63-Eu-153

Legendre Coefficients



63-Eu-153

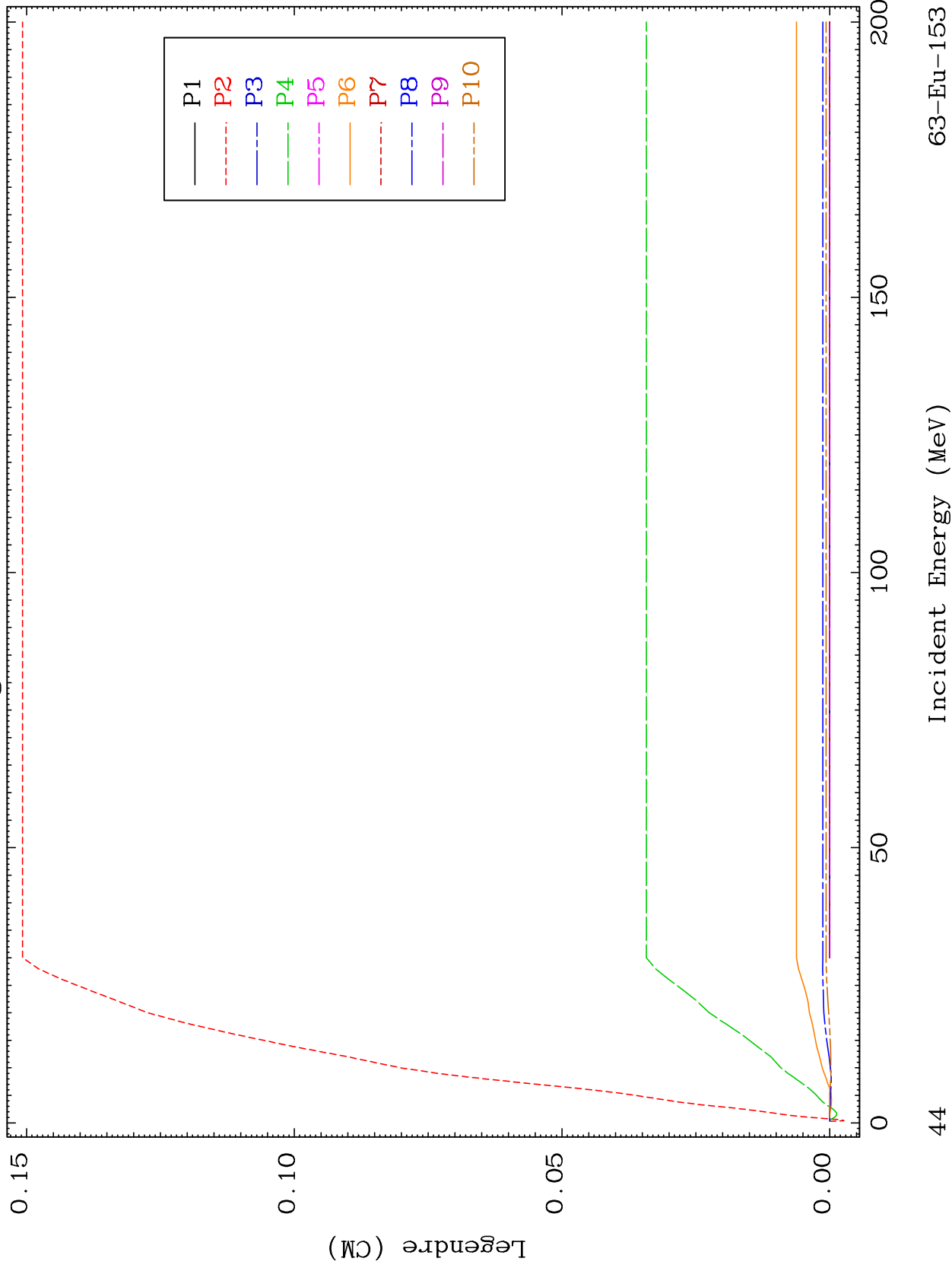
Incident Energy (MeV)

43

MAT 6331

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

63-Eu-153



63-Eu-153

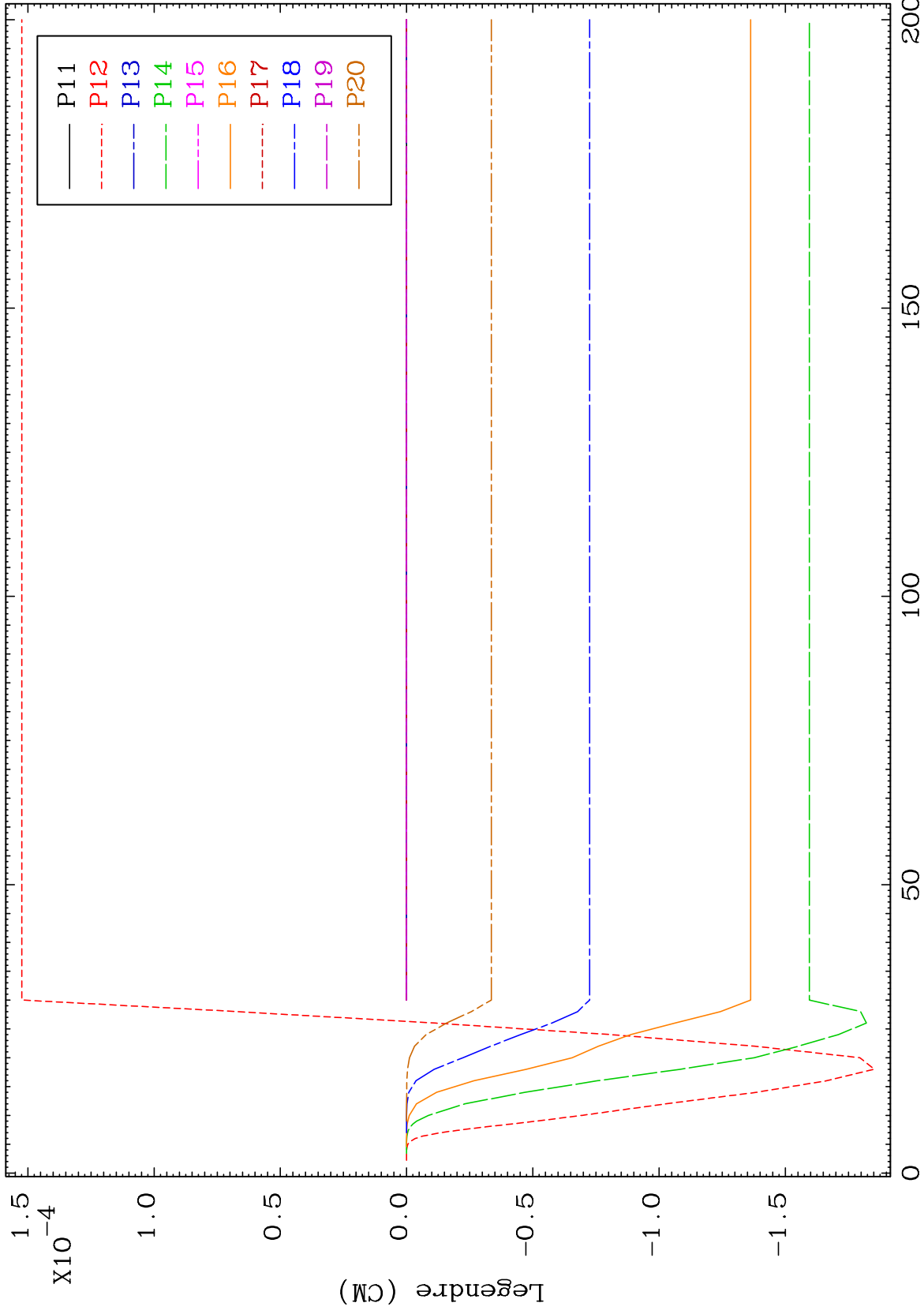
Incident Energy (MeV)

44

MAT 6331

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

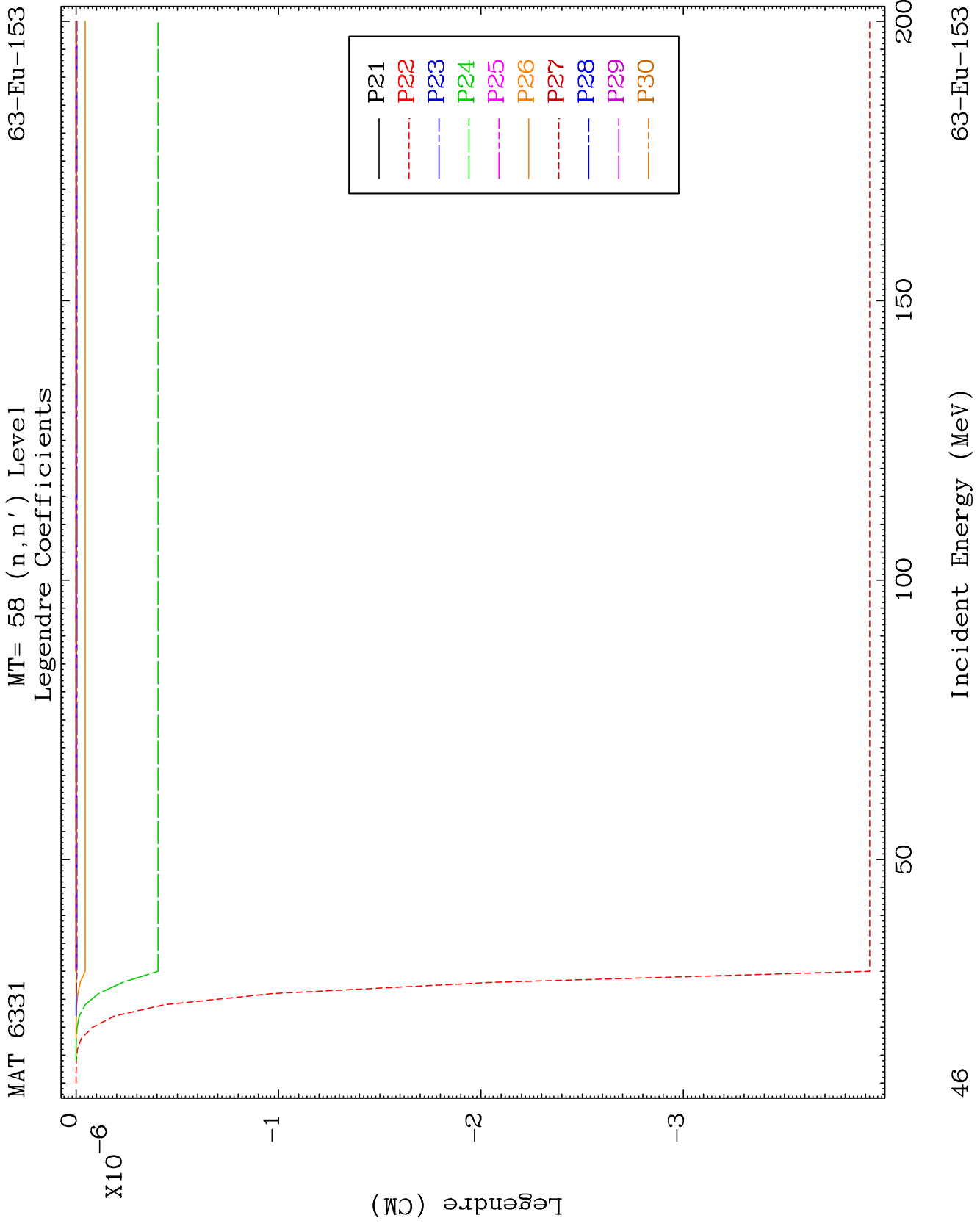
63-Eu-153



45

Incident Energy (MeV)

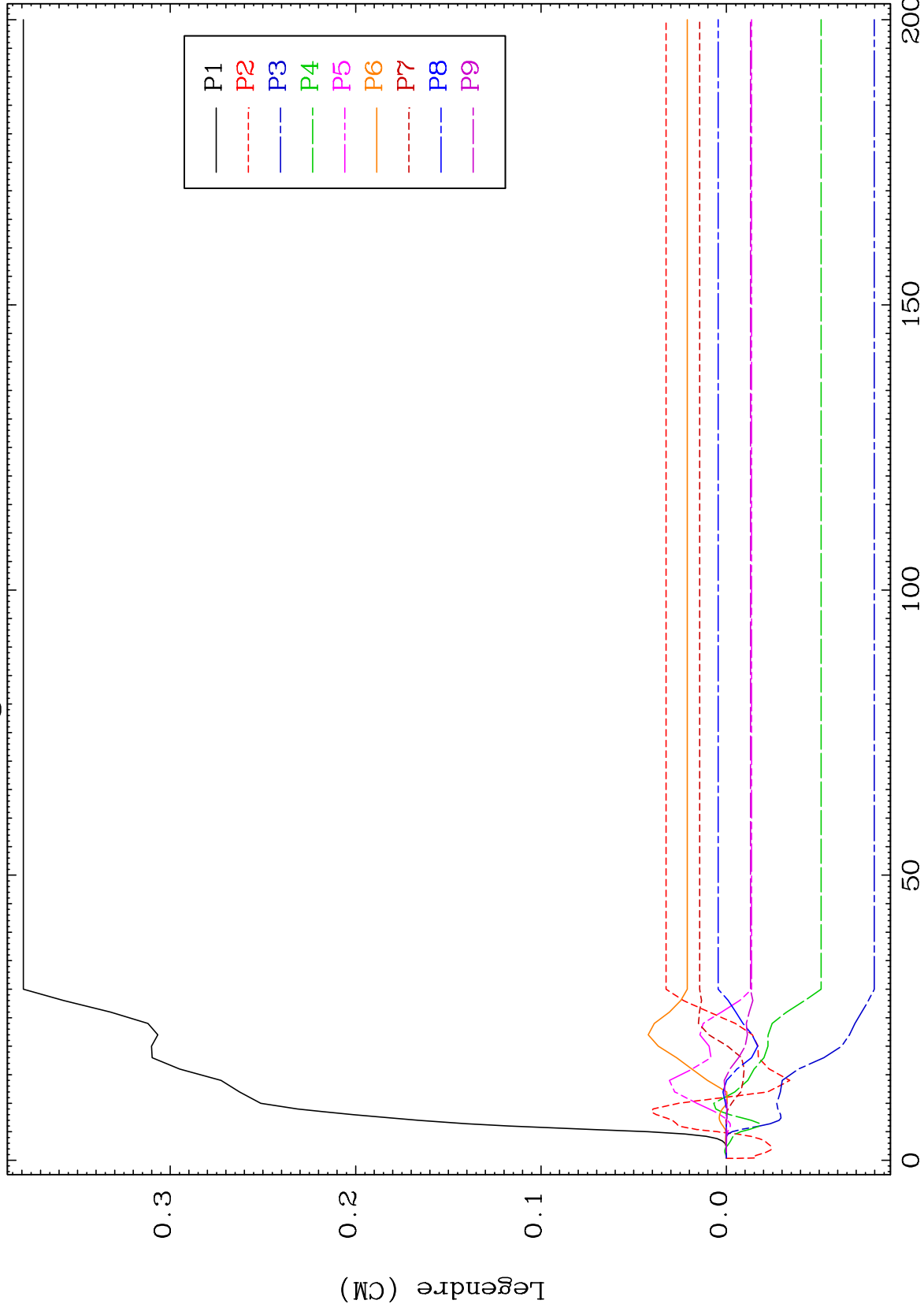
63-Eu-153



MAT 6331

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

63-Eu-153



47

Incident Energy (MeV)

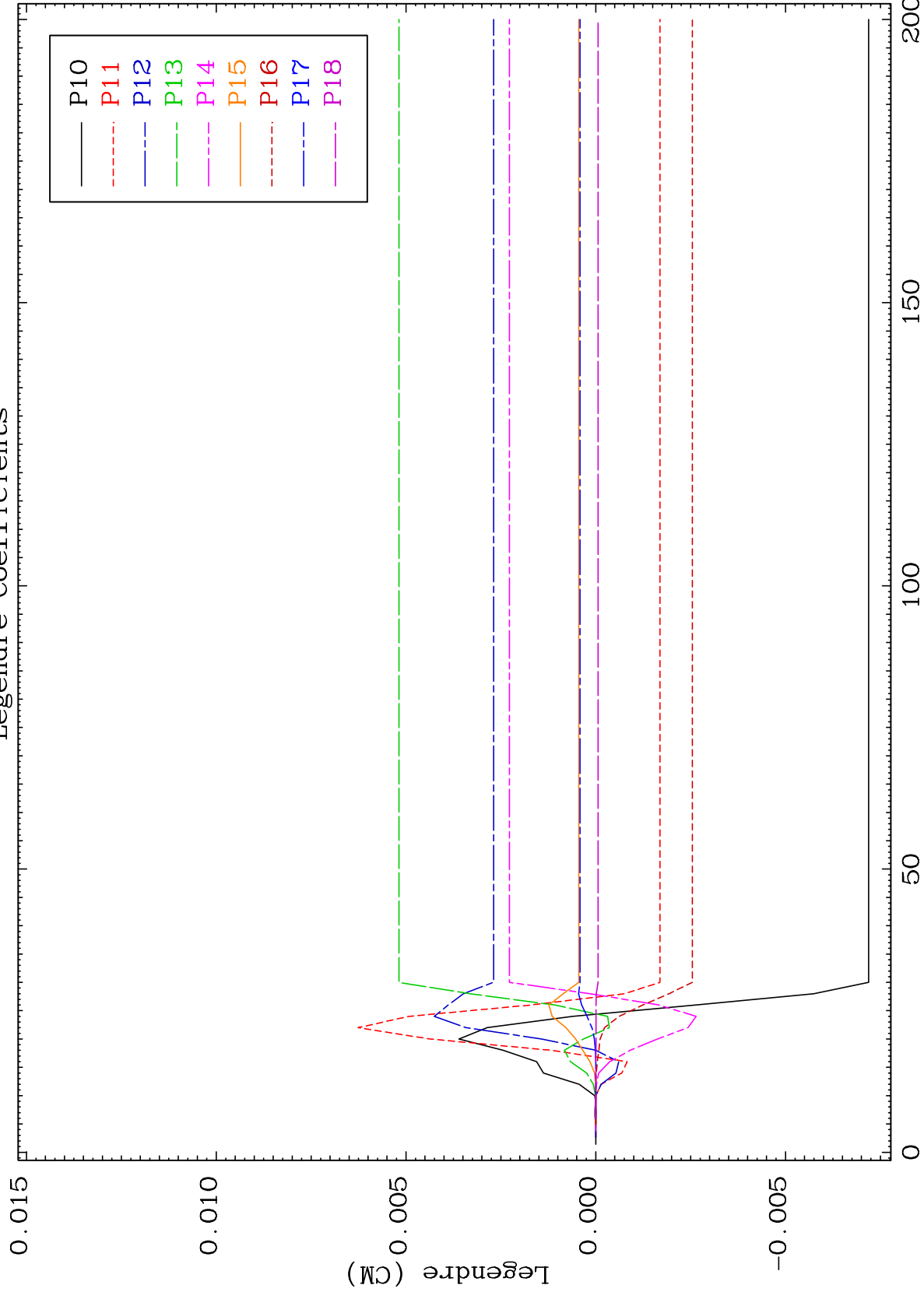
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MAT 6331

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

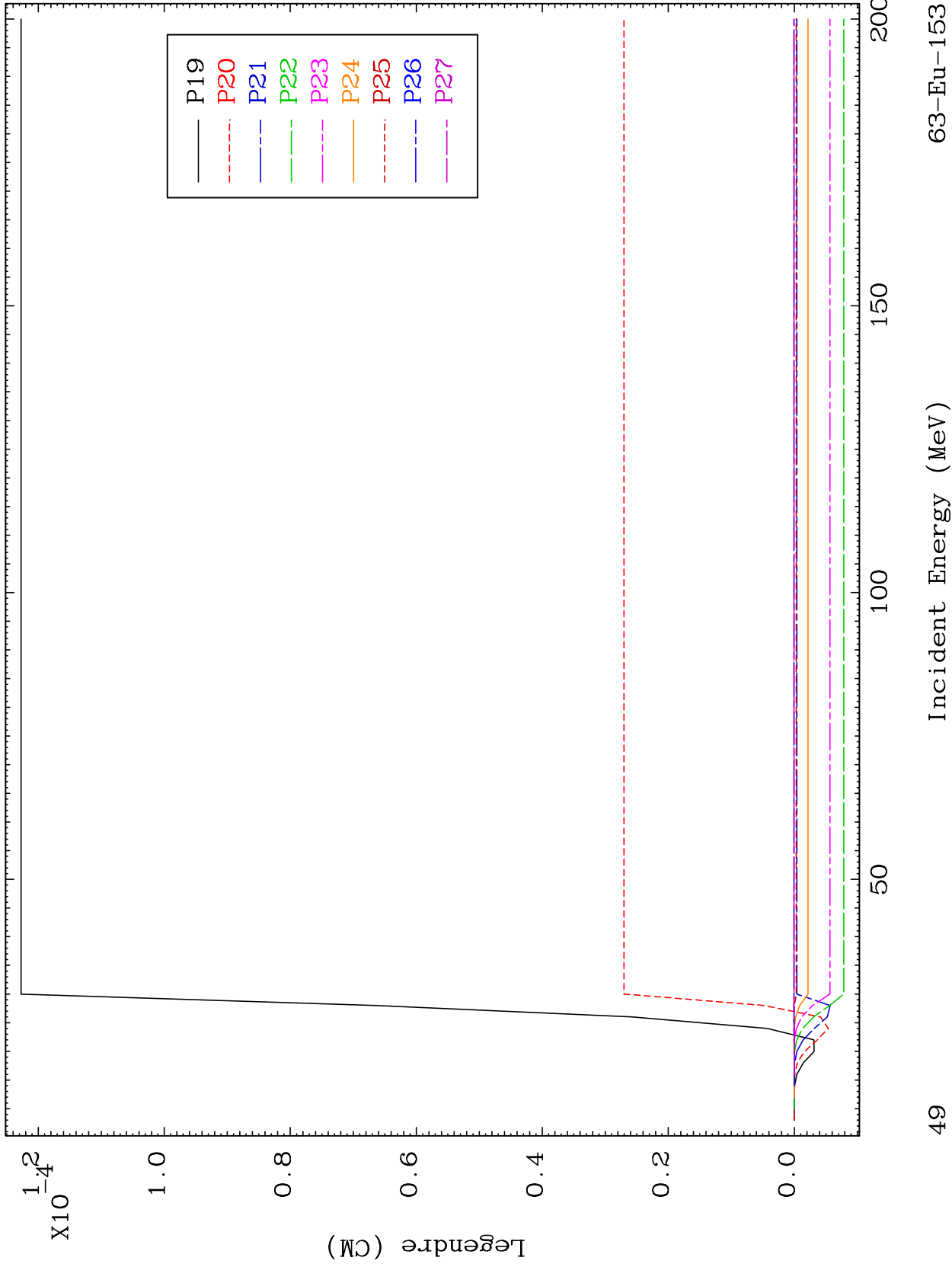
63-Eu-153



48

Incident Energy (MeV)

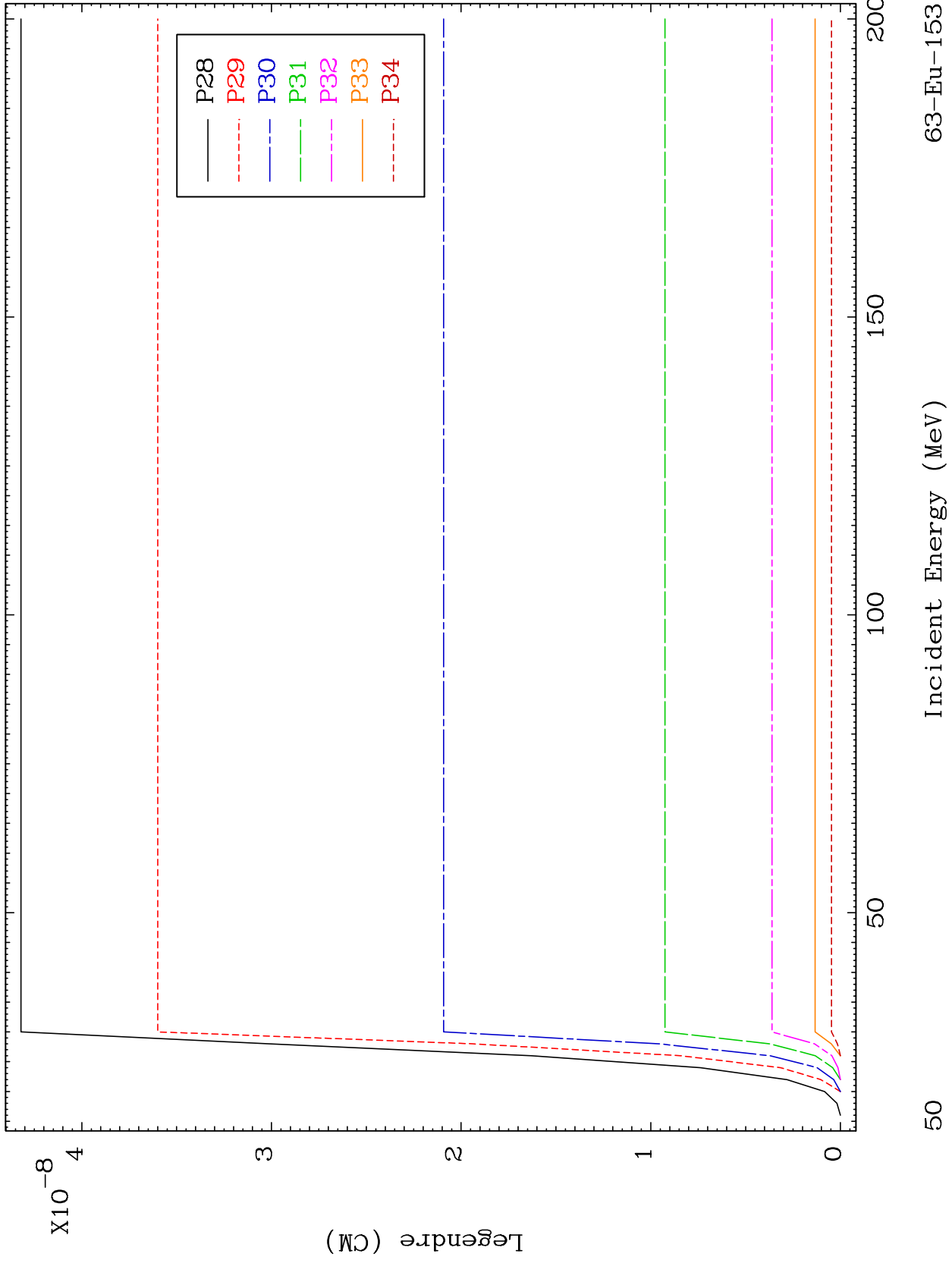
63-Eu-153



MAT 6331

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

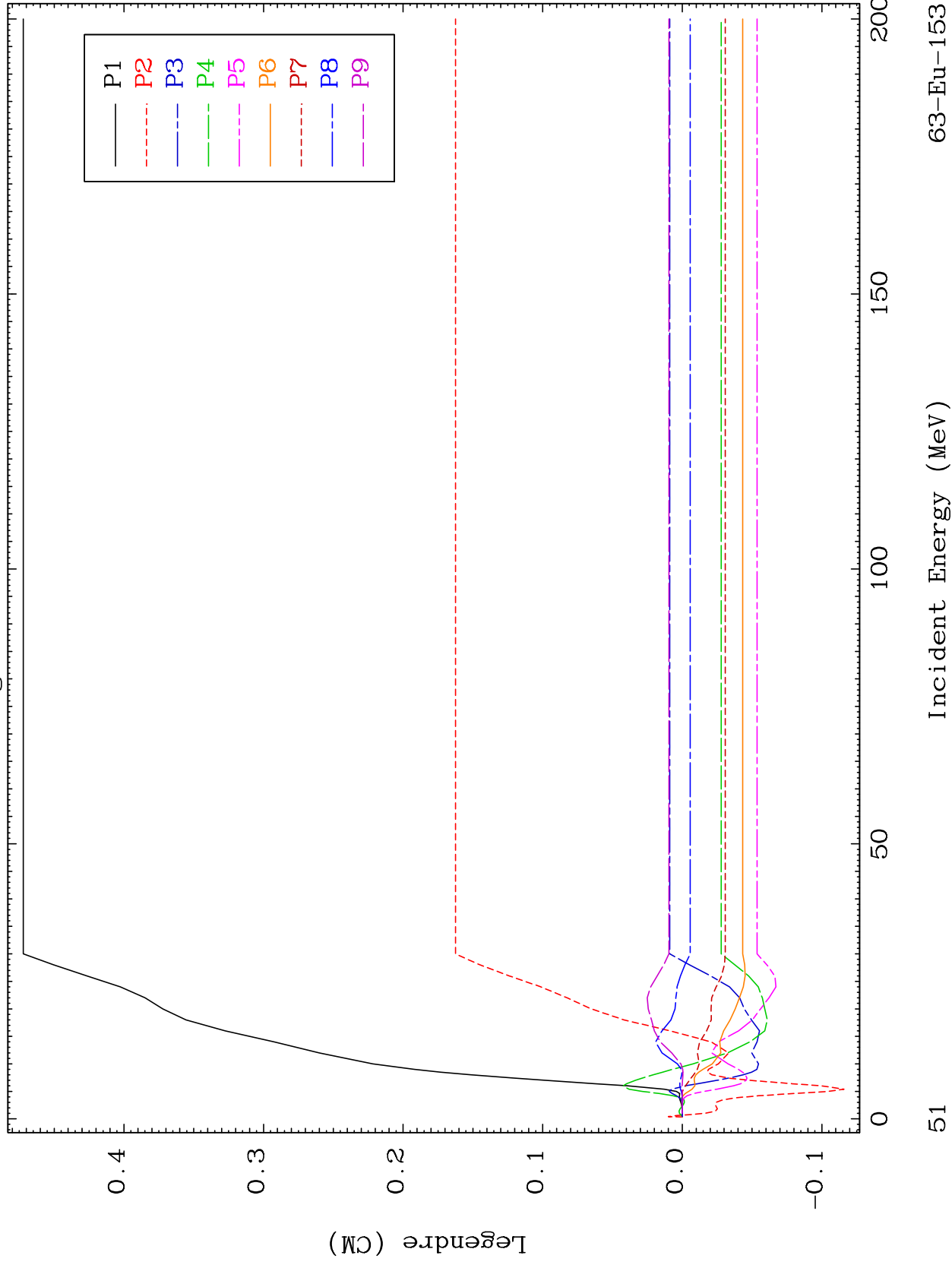
63-Eu-153



MAT 6331

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

63-Eu-153



63-Eu-153

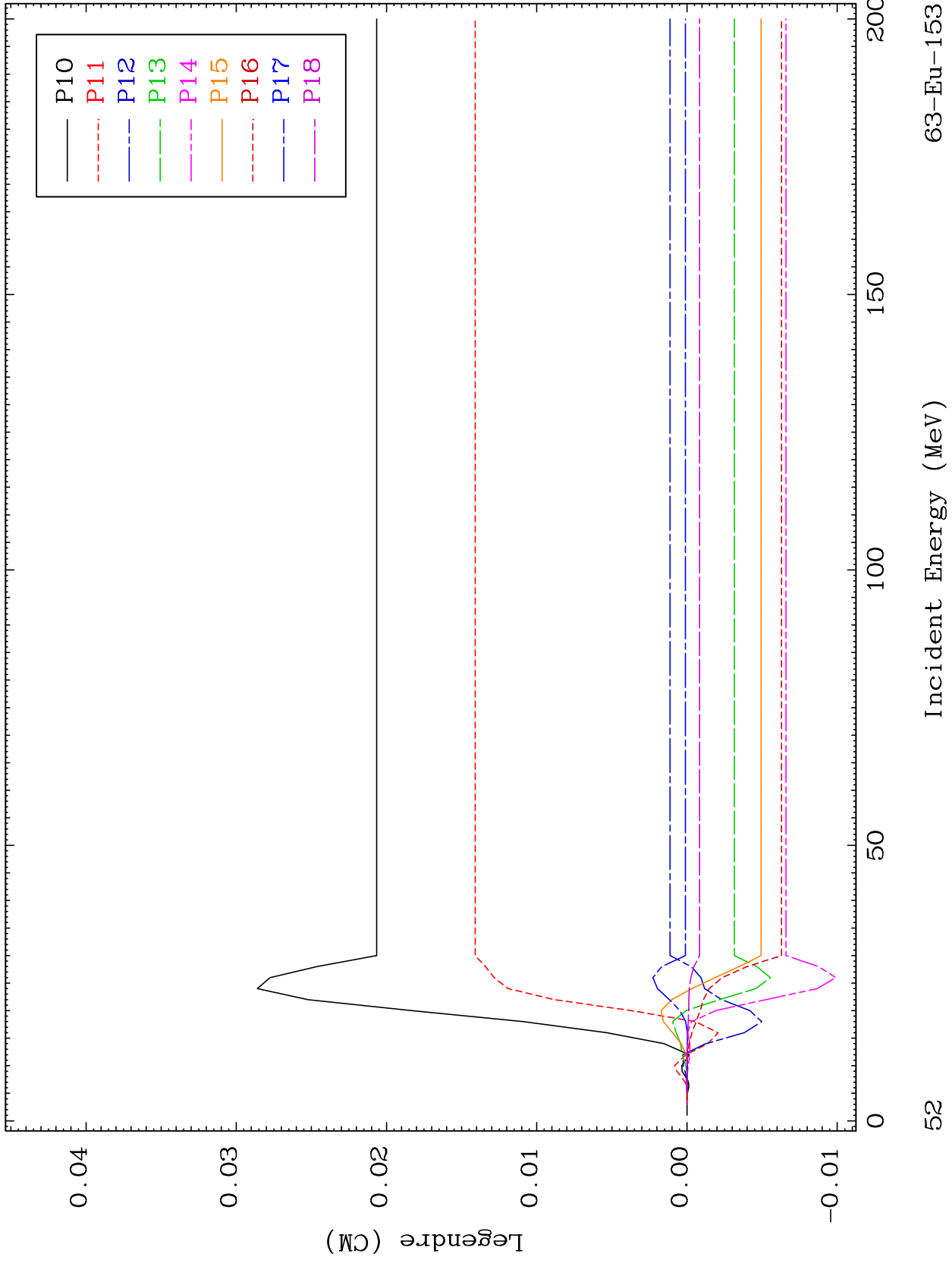
Incident Energy (MeV)

51

MAT 6331

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

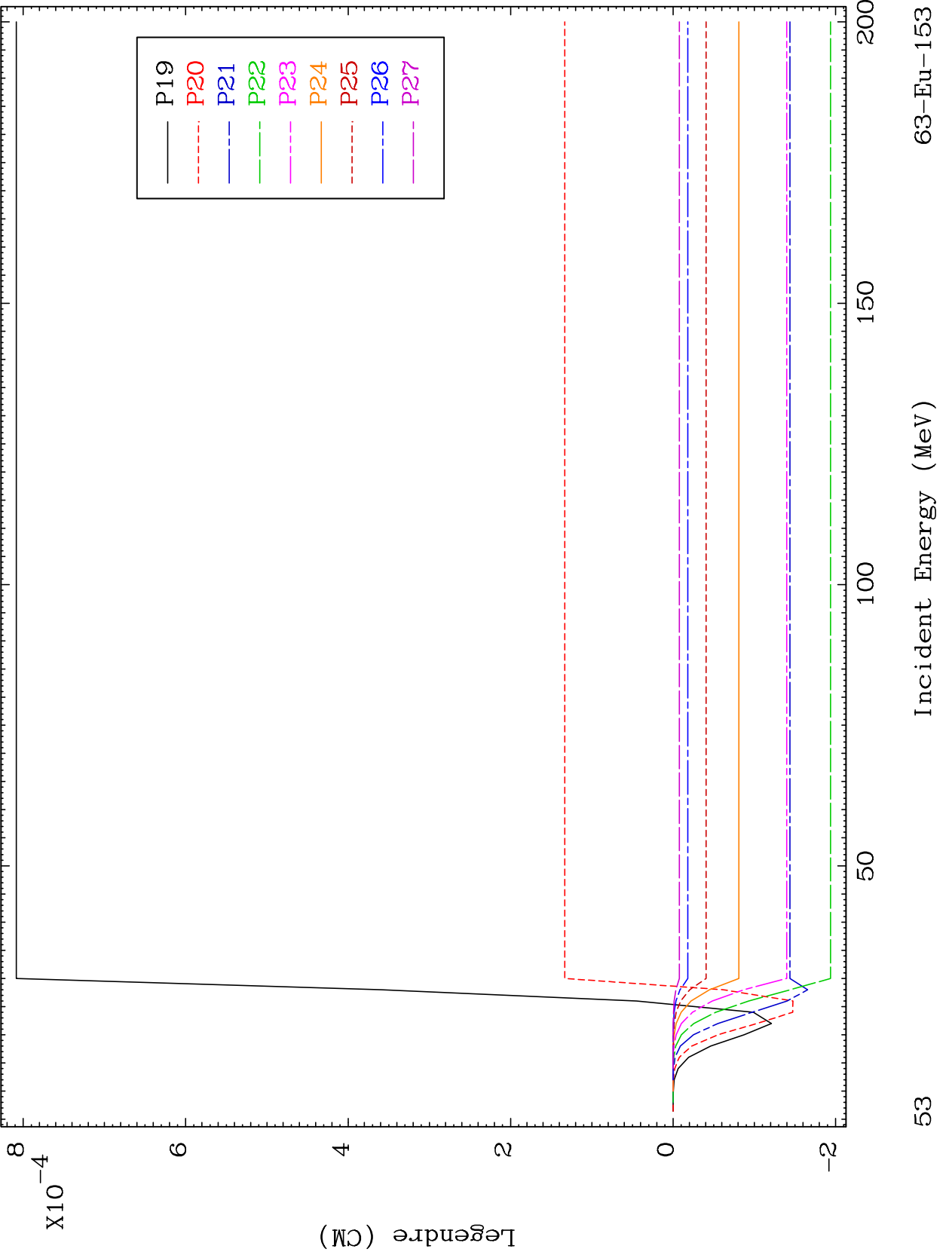
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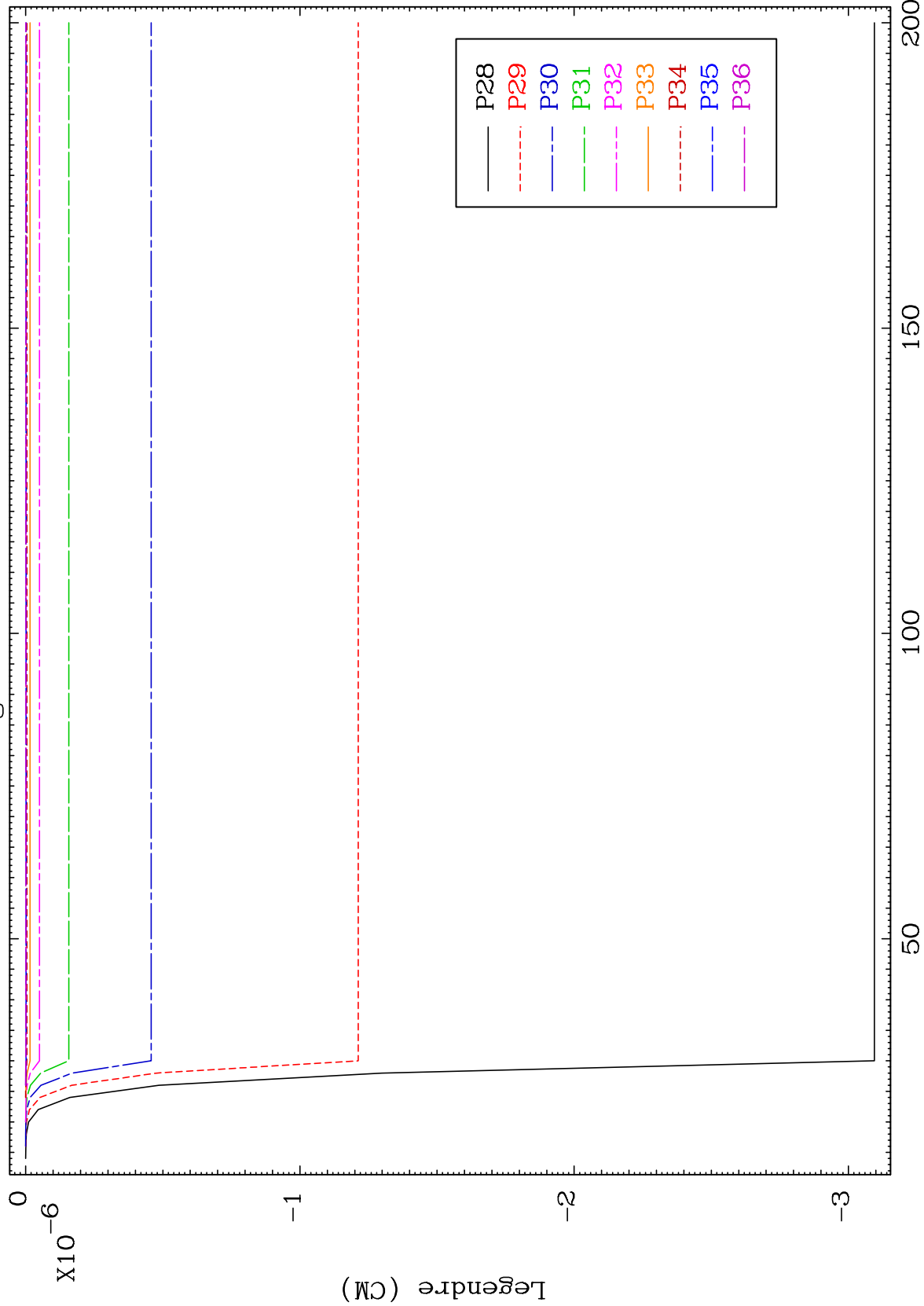


63-Eu-153

Incident Energy (MeV)

52





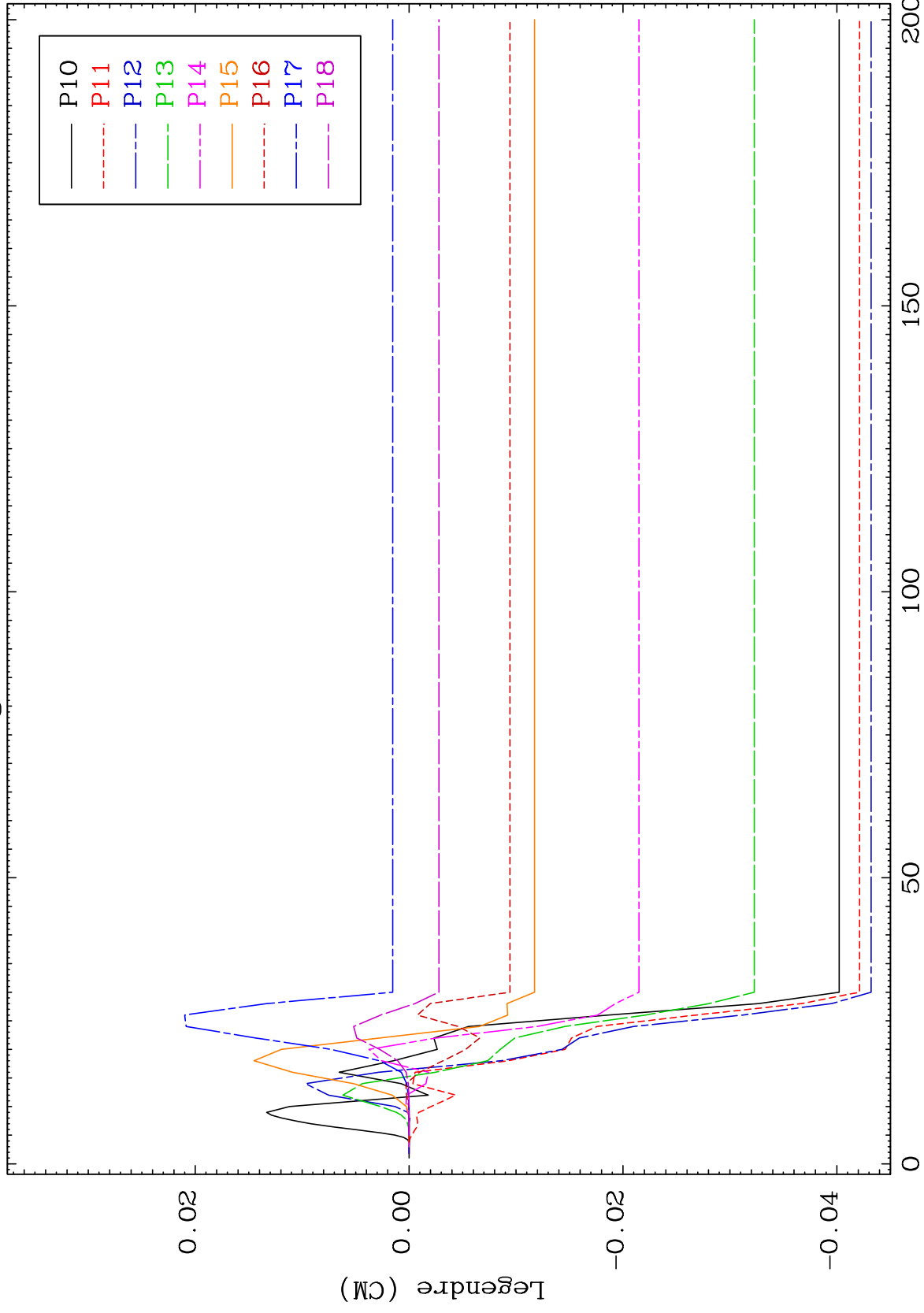




MAT 6331

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

63-Eu-153



56

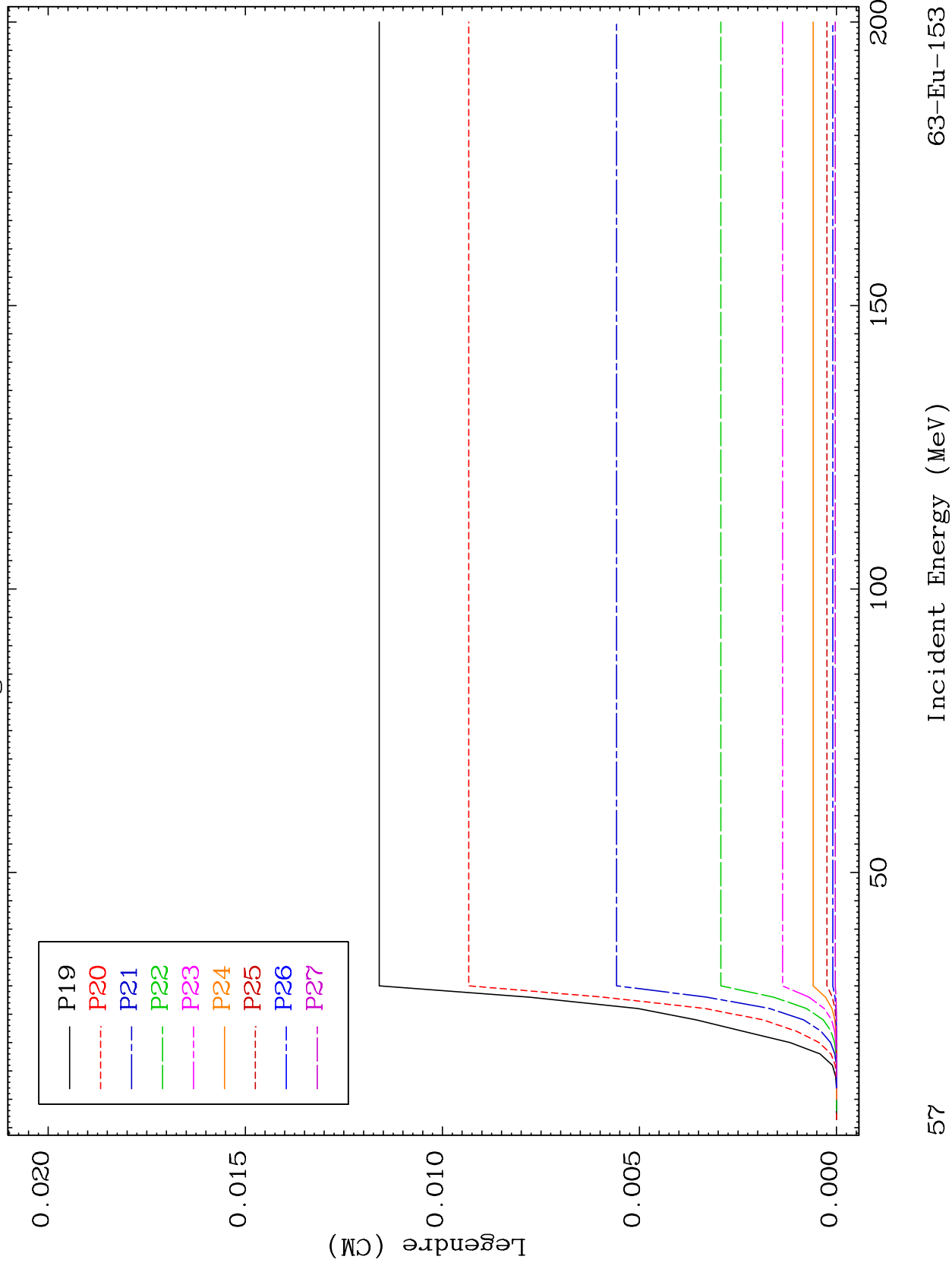
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



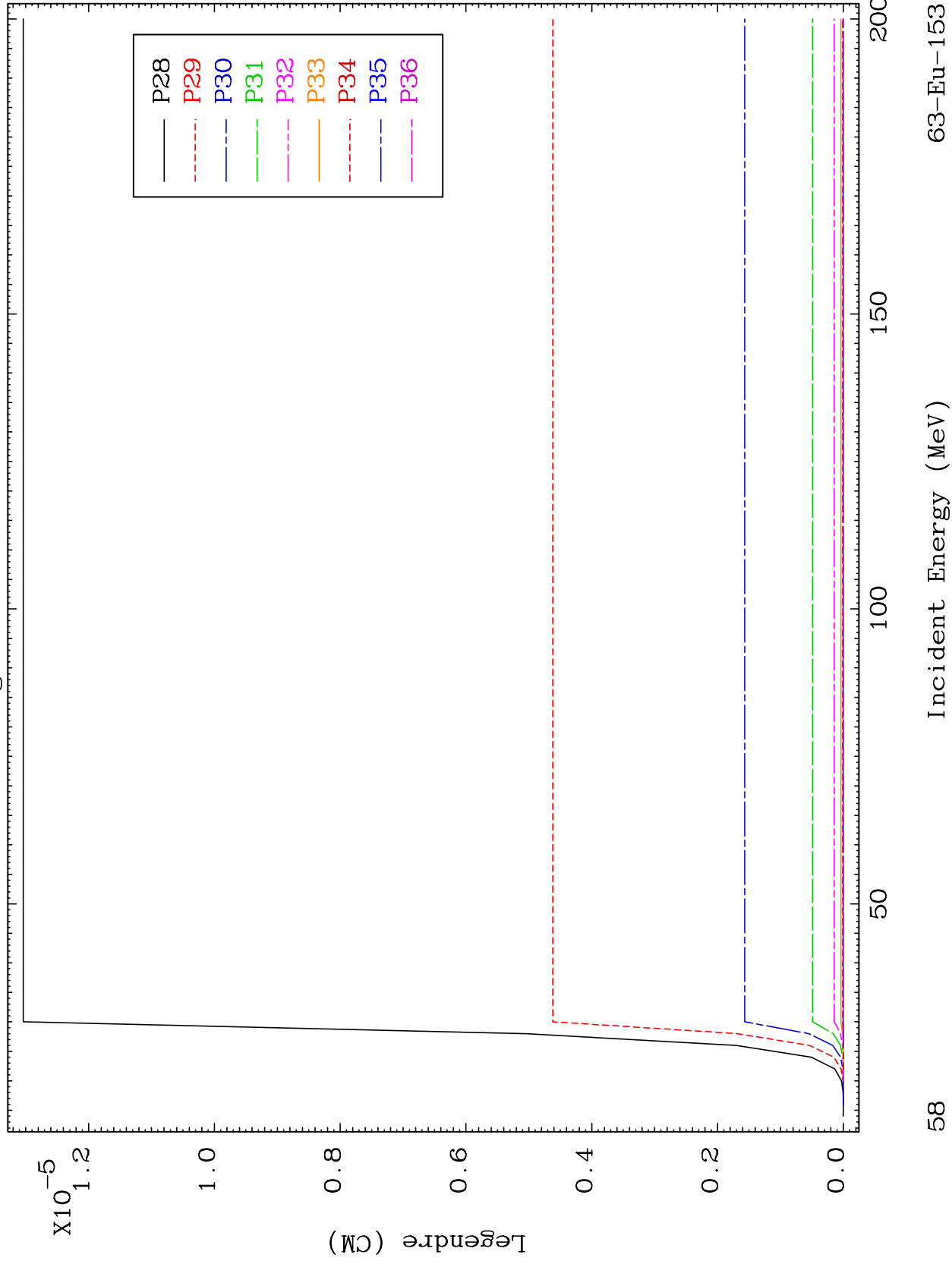
57

200

MAT 6331

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

63-Eu-153



58

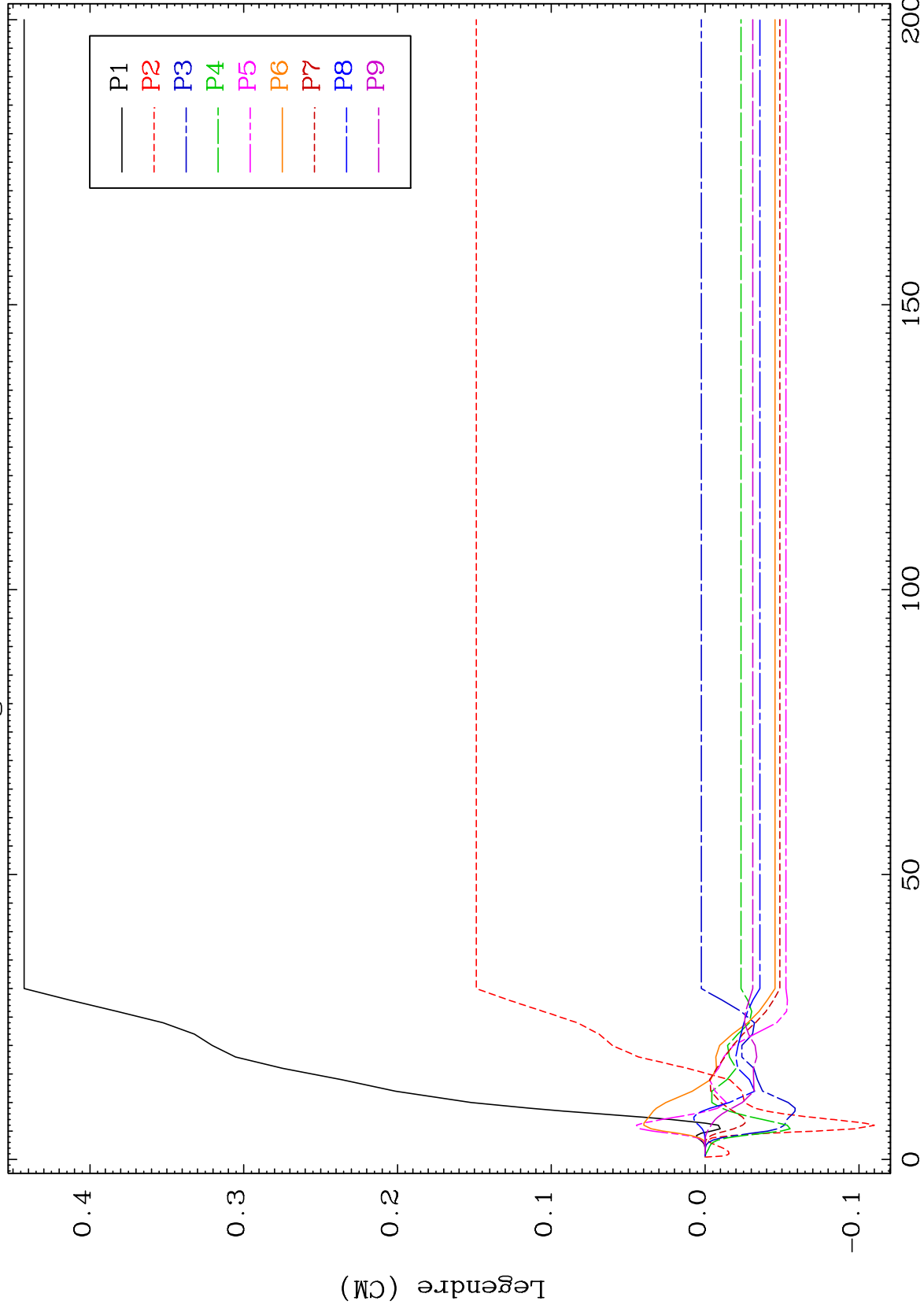
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



59

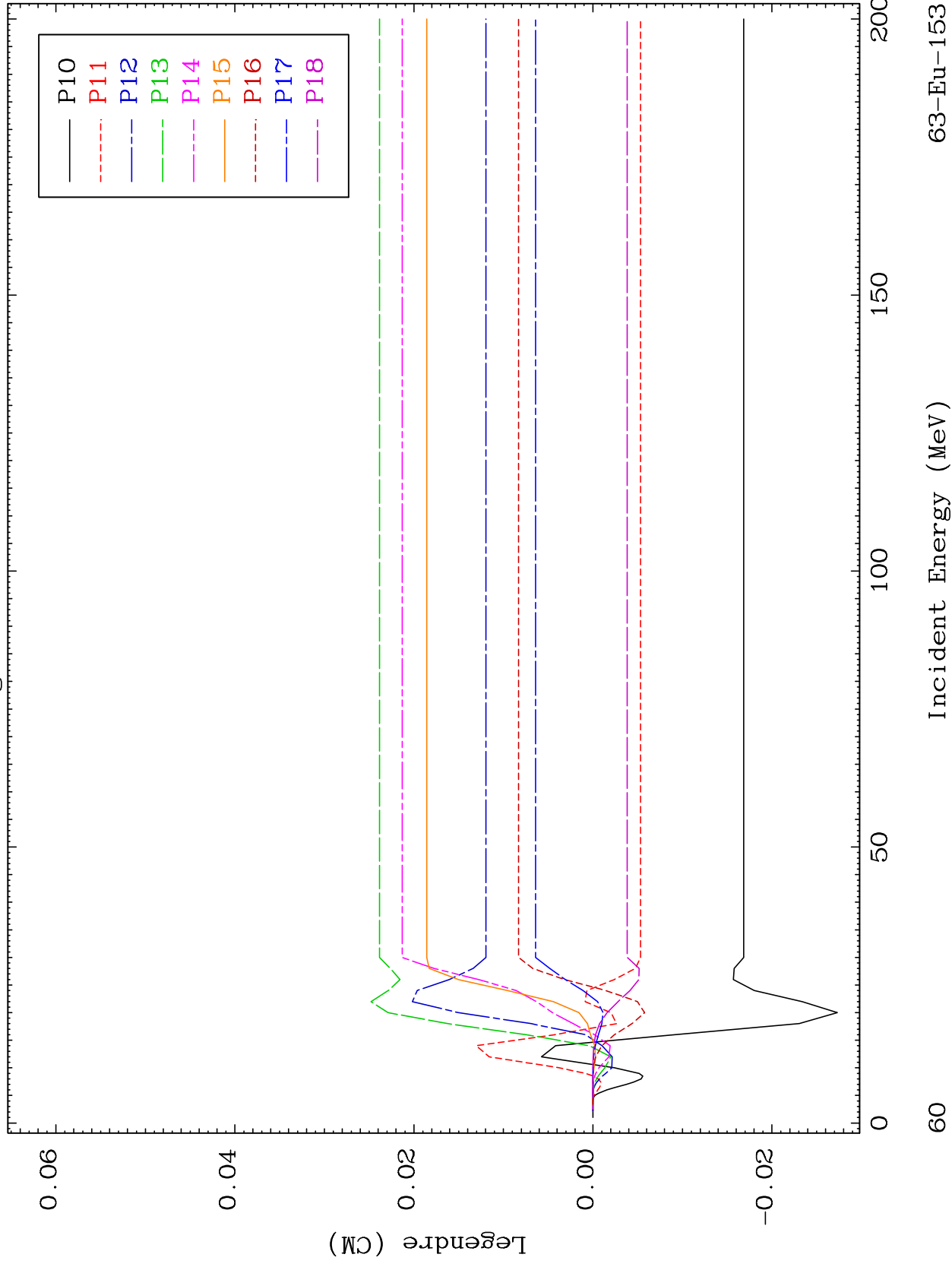
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



63-Eu-153

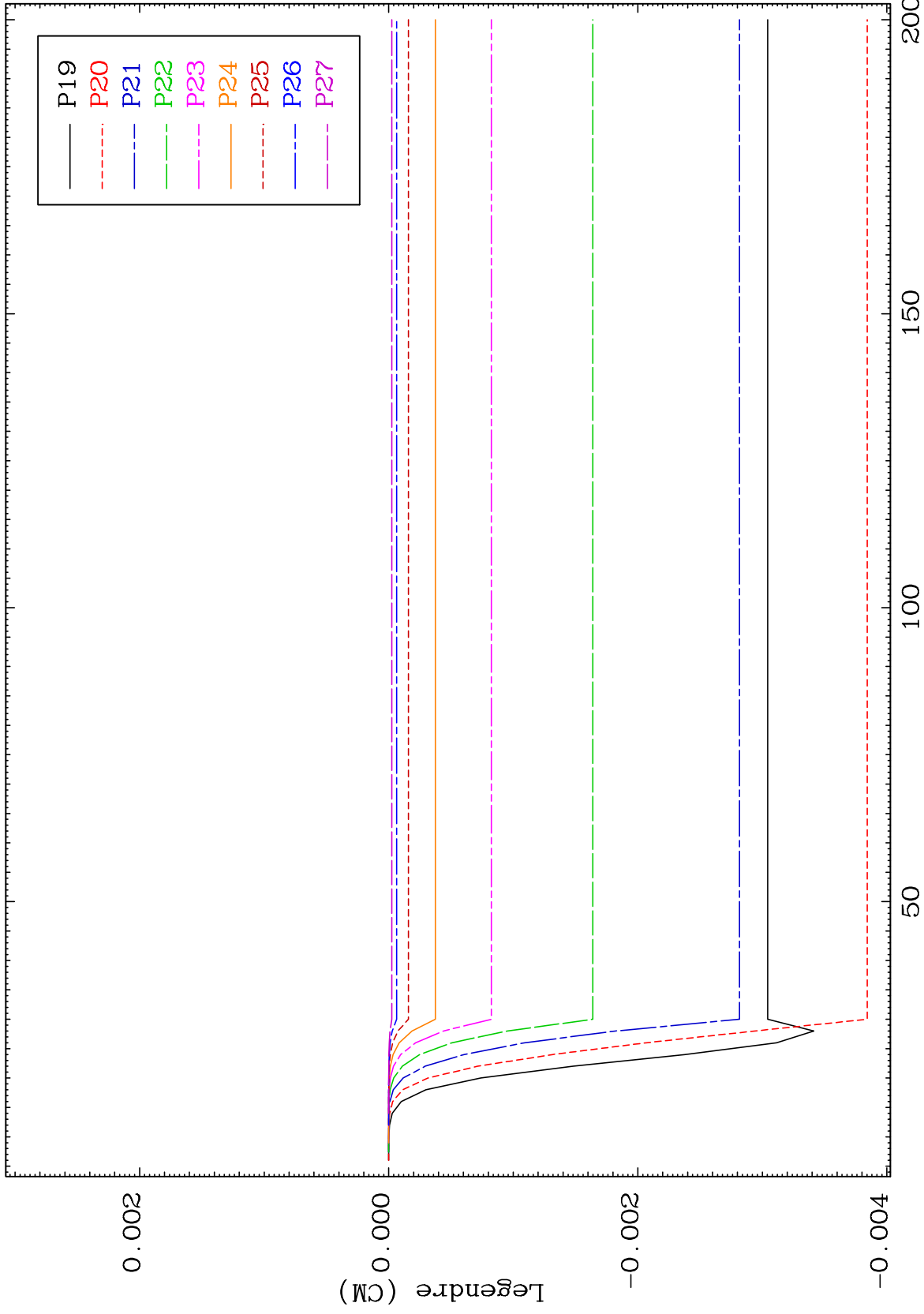
Incident Energy (MeV)

60

MAT 6331

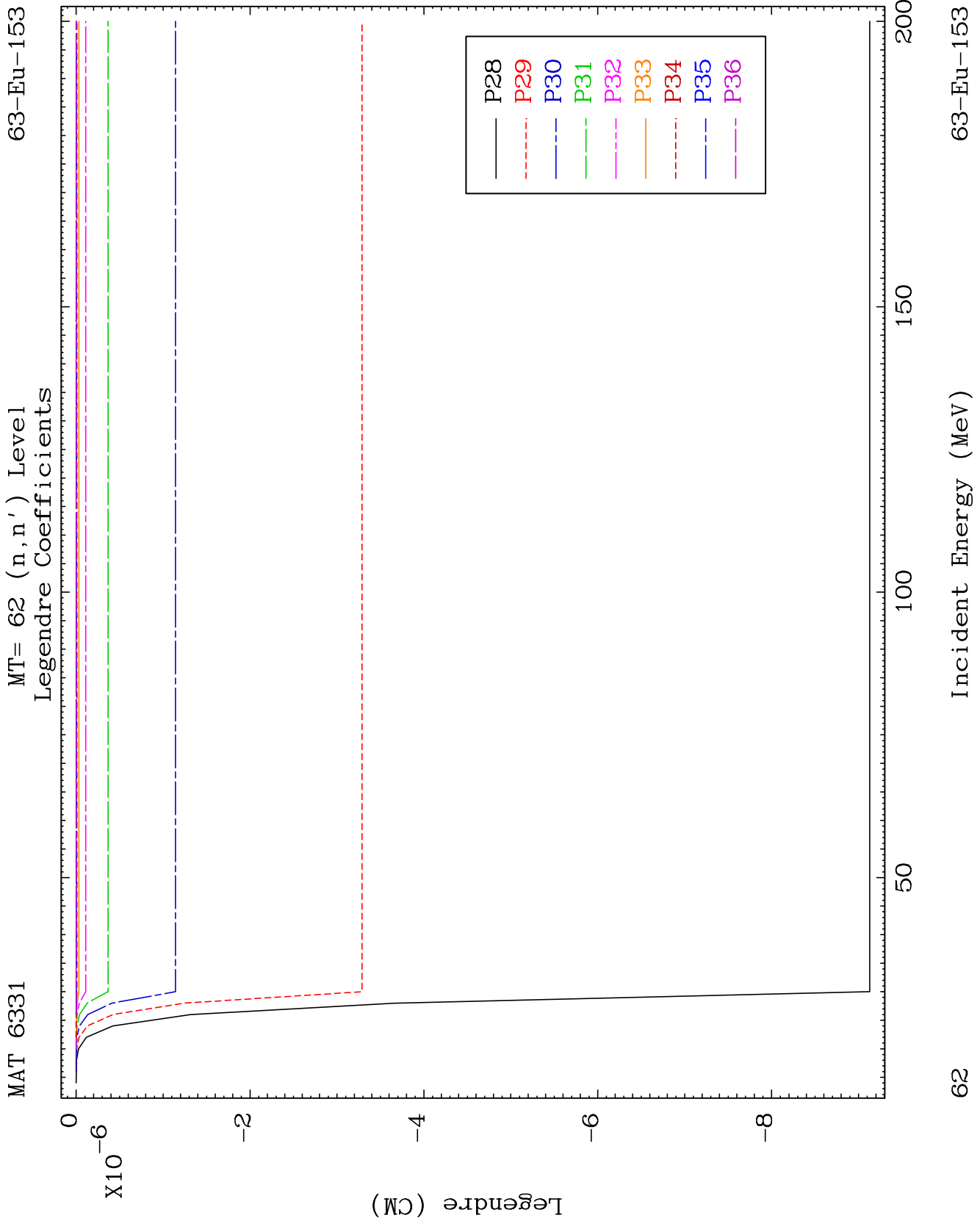
MT= 62 (n,n') Level  
Legendre Coefficients

63-Eu-153



61

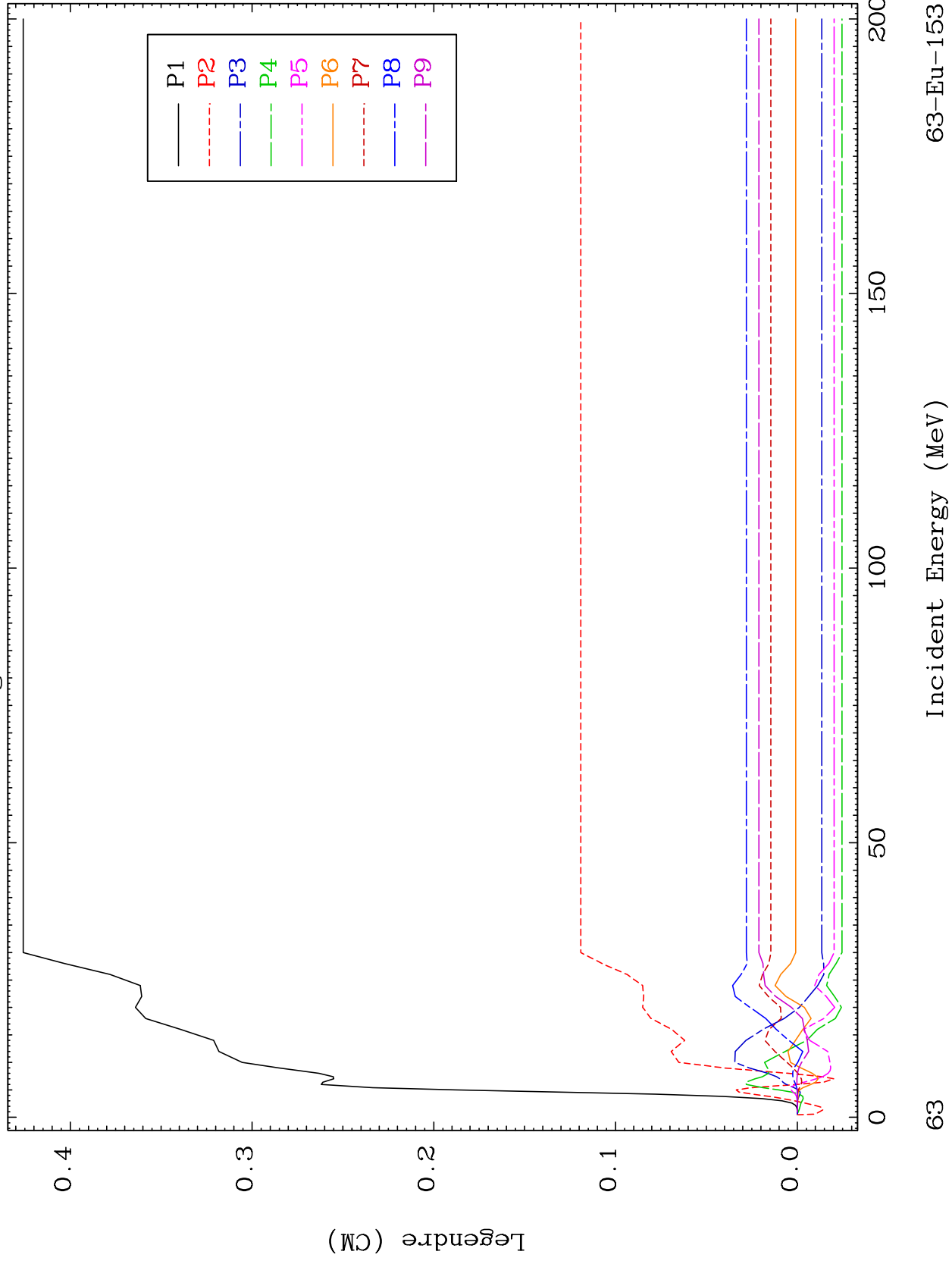
63-Eu-153



MAT 6331

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

63-Eu-153



63-Eu-153

Incident Energy (MeV)

63

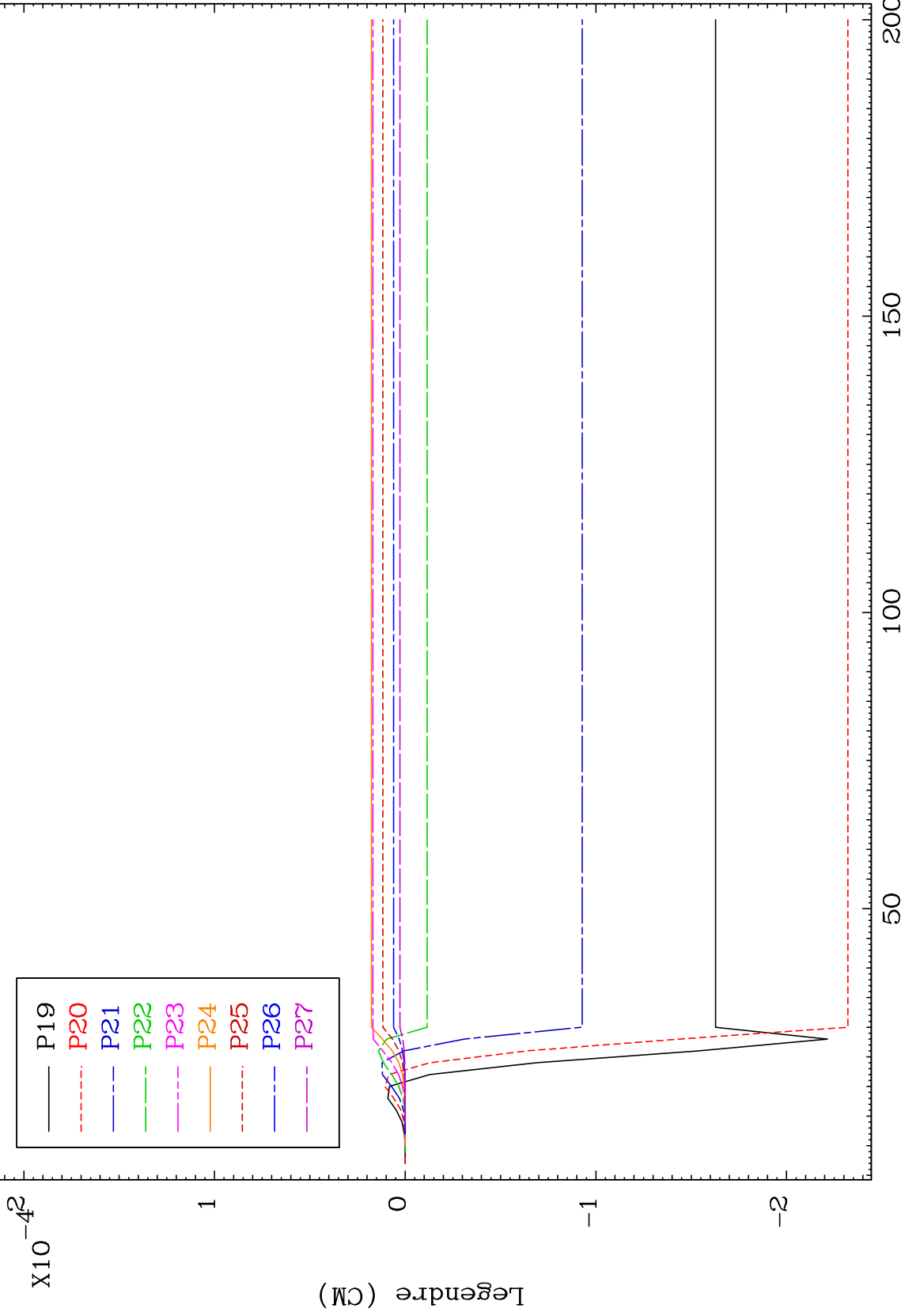




MAT 6331

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

63-Eu-153



65

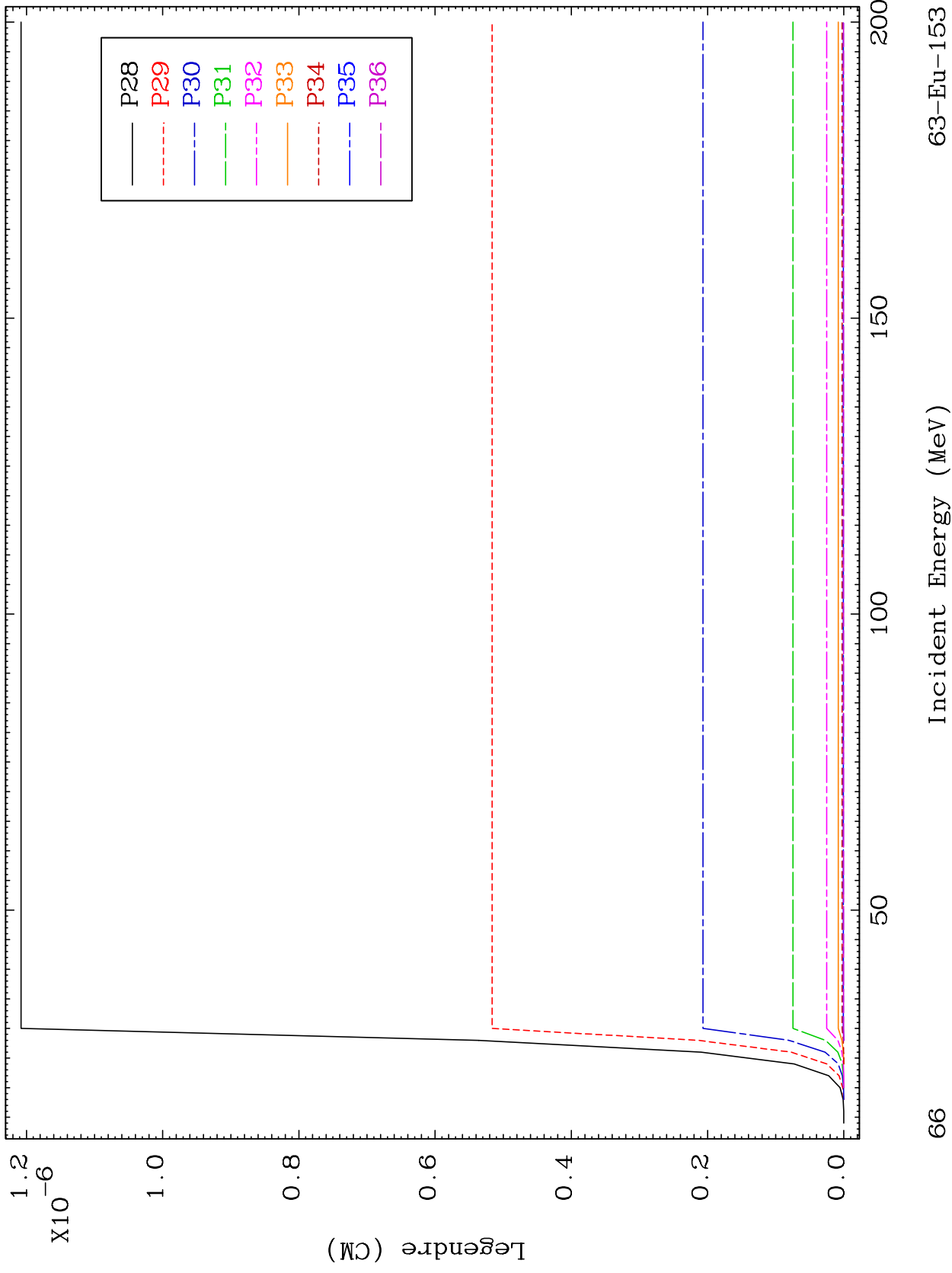
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



66

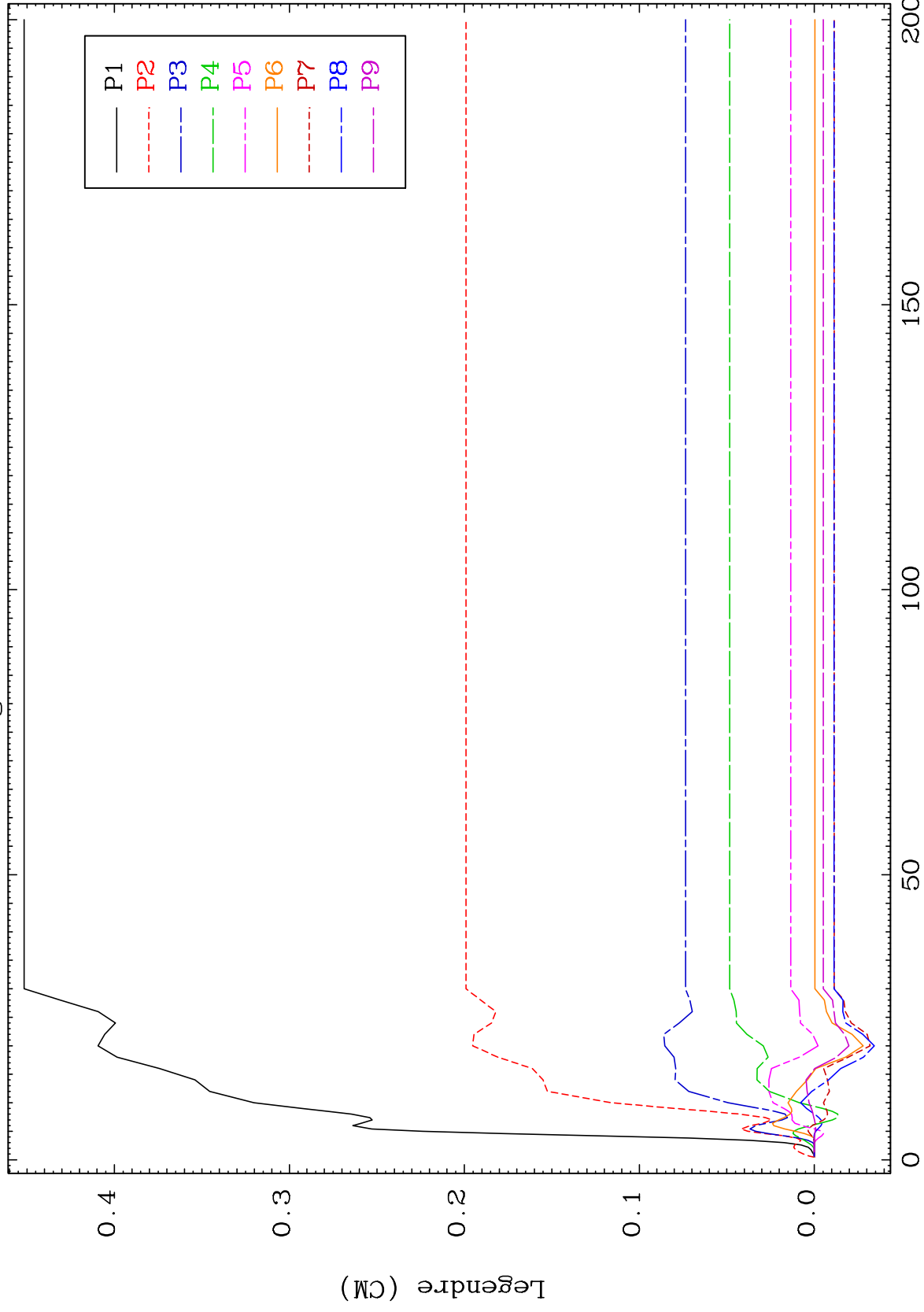
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



67

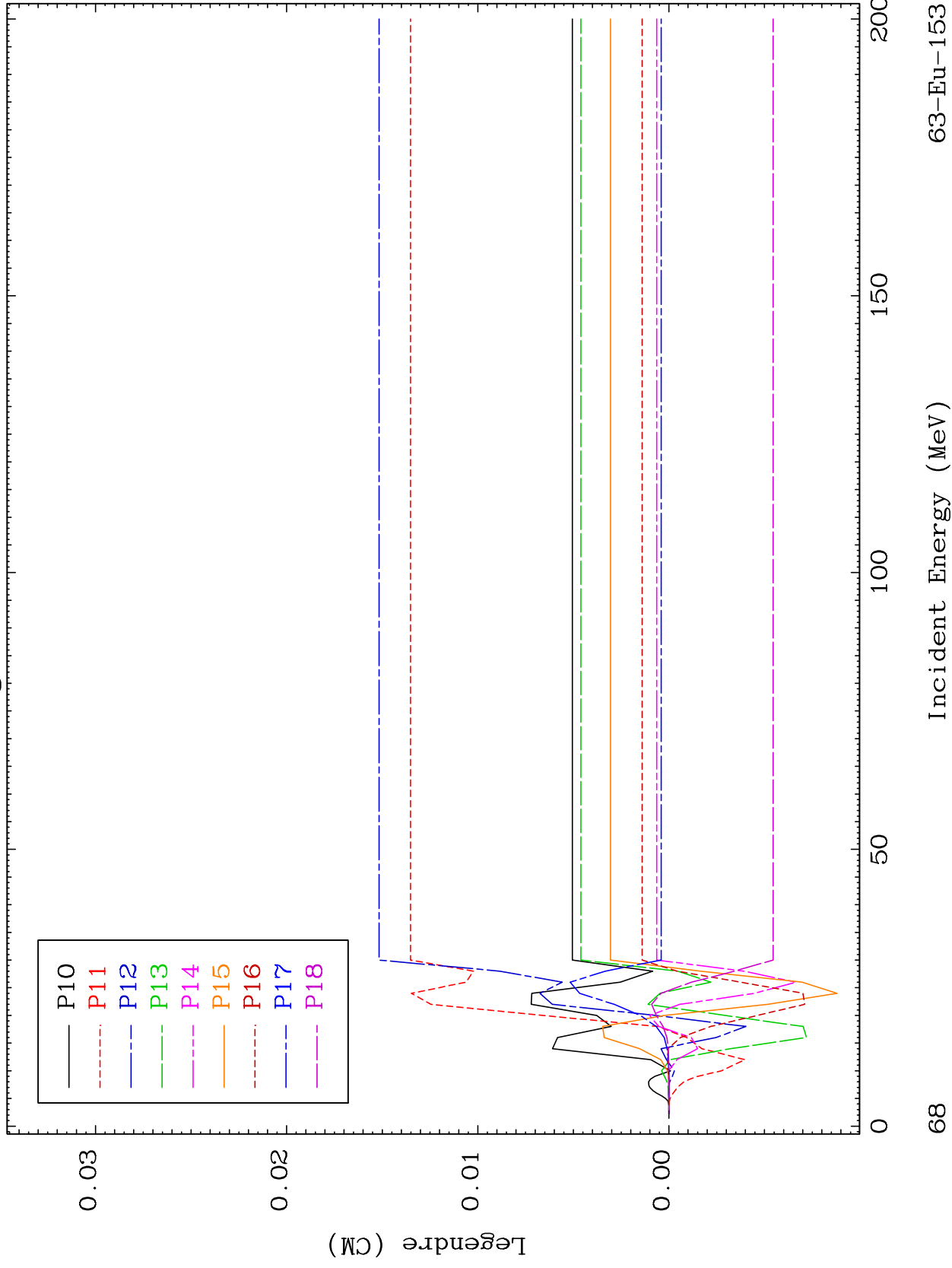
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



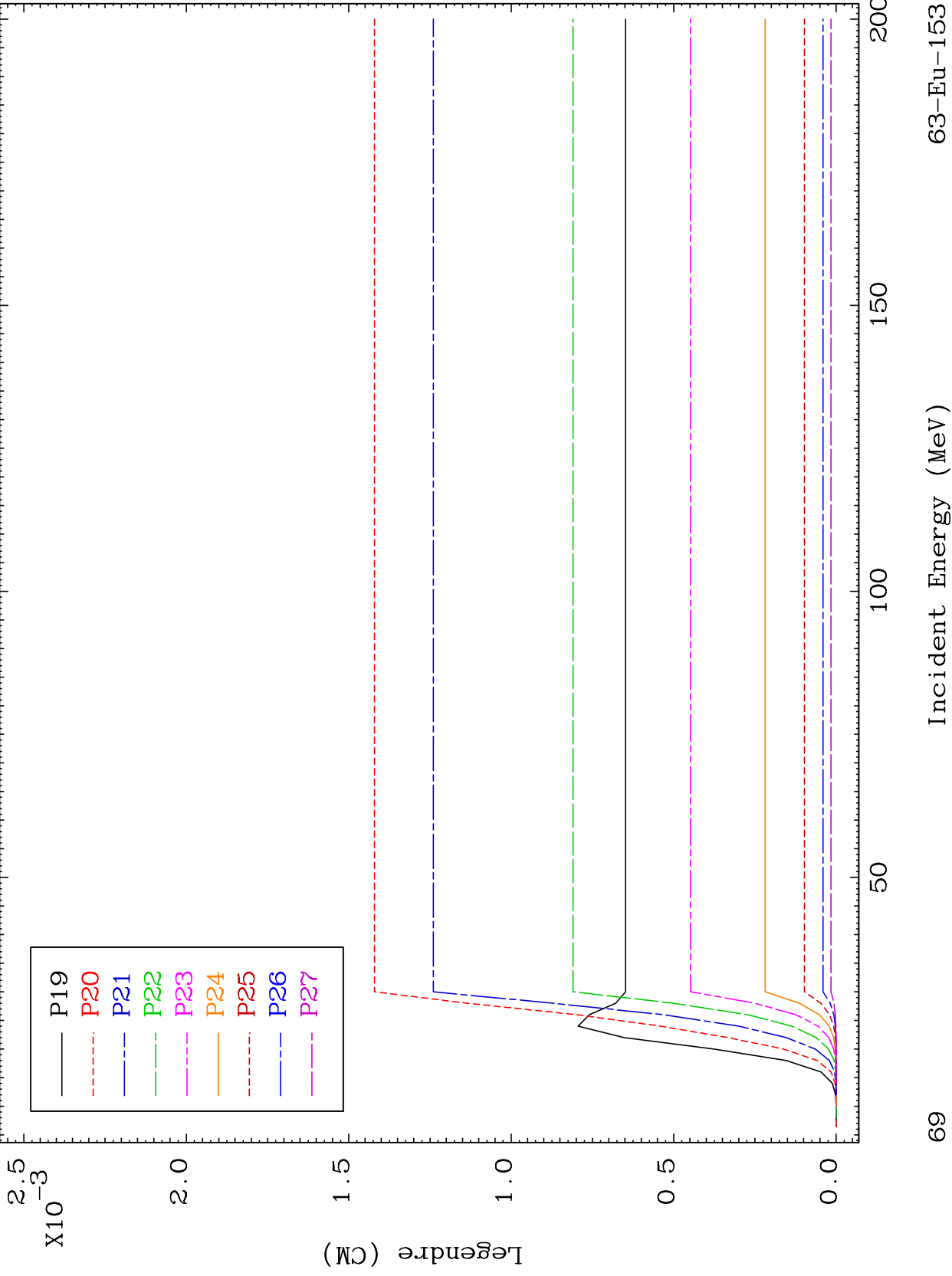
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63-Eu-153

MAT 6331

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

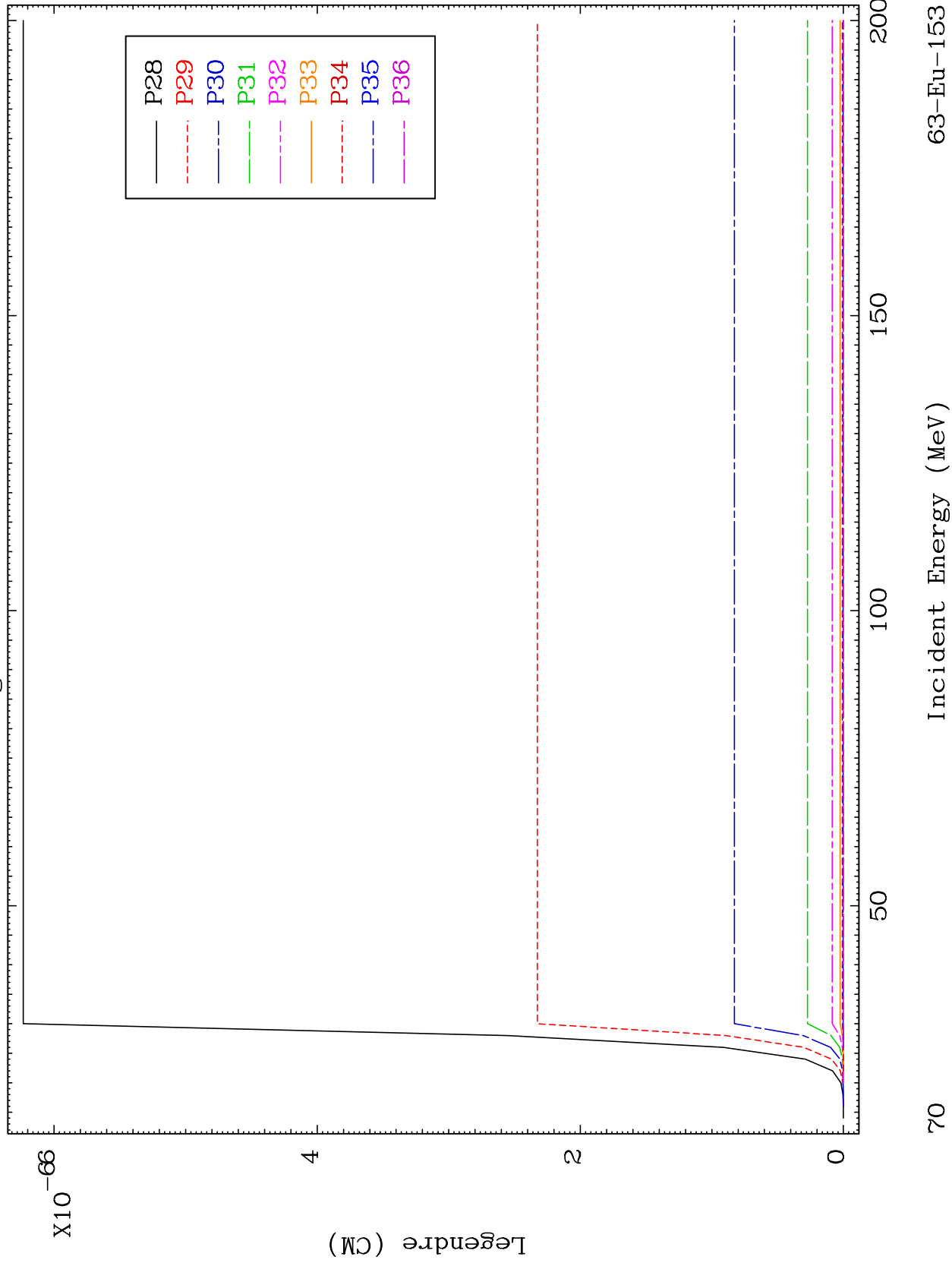
63-Eu-153



MAT 6331

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

63-Eu-153



70

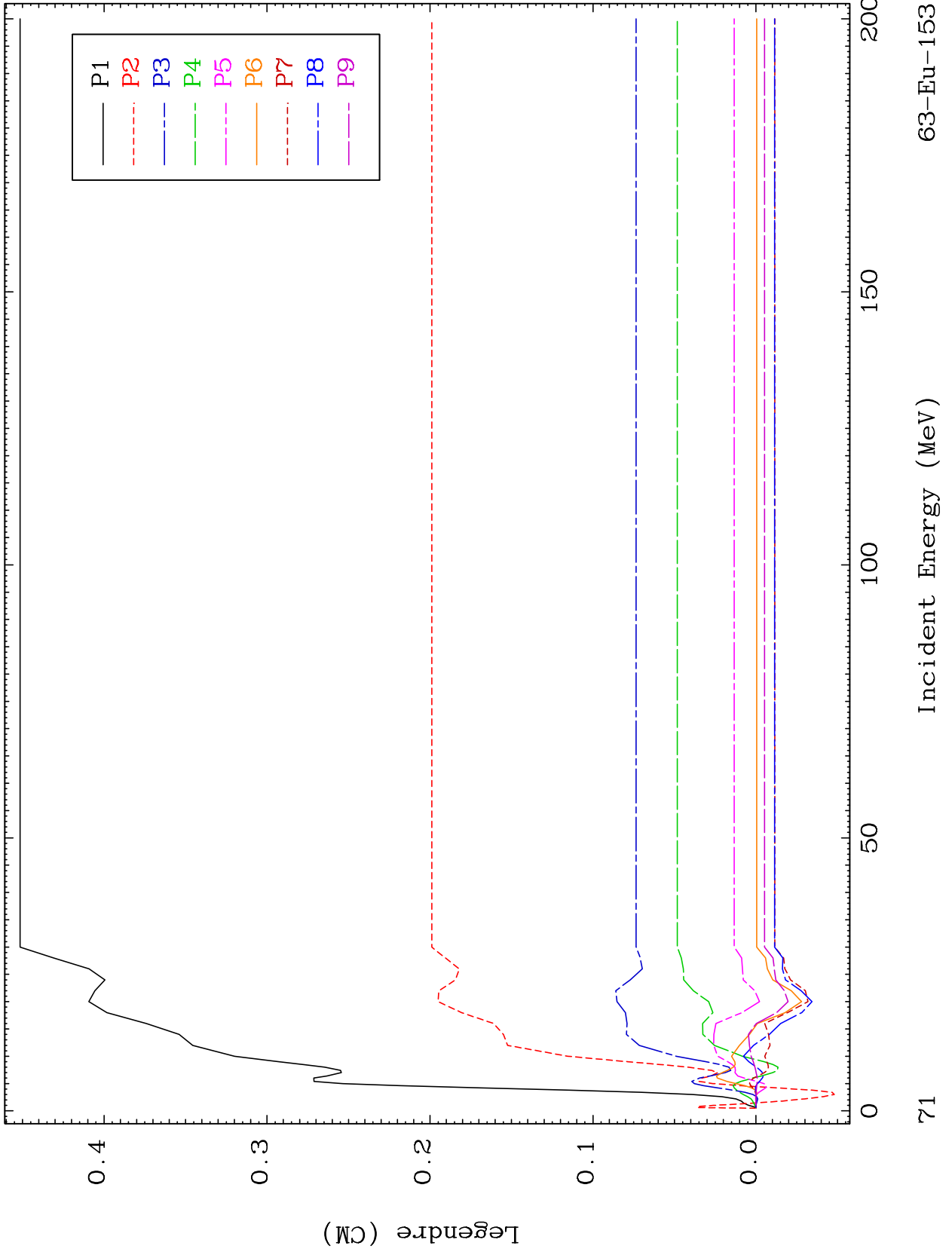
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



71

Incident Energy (MeV)

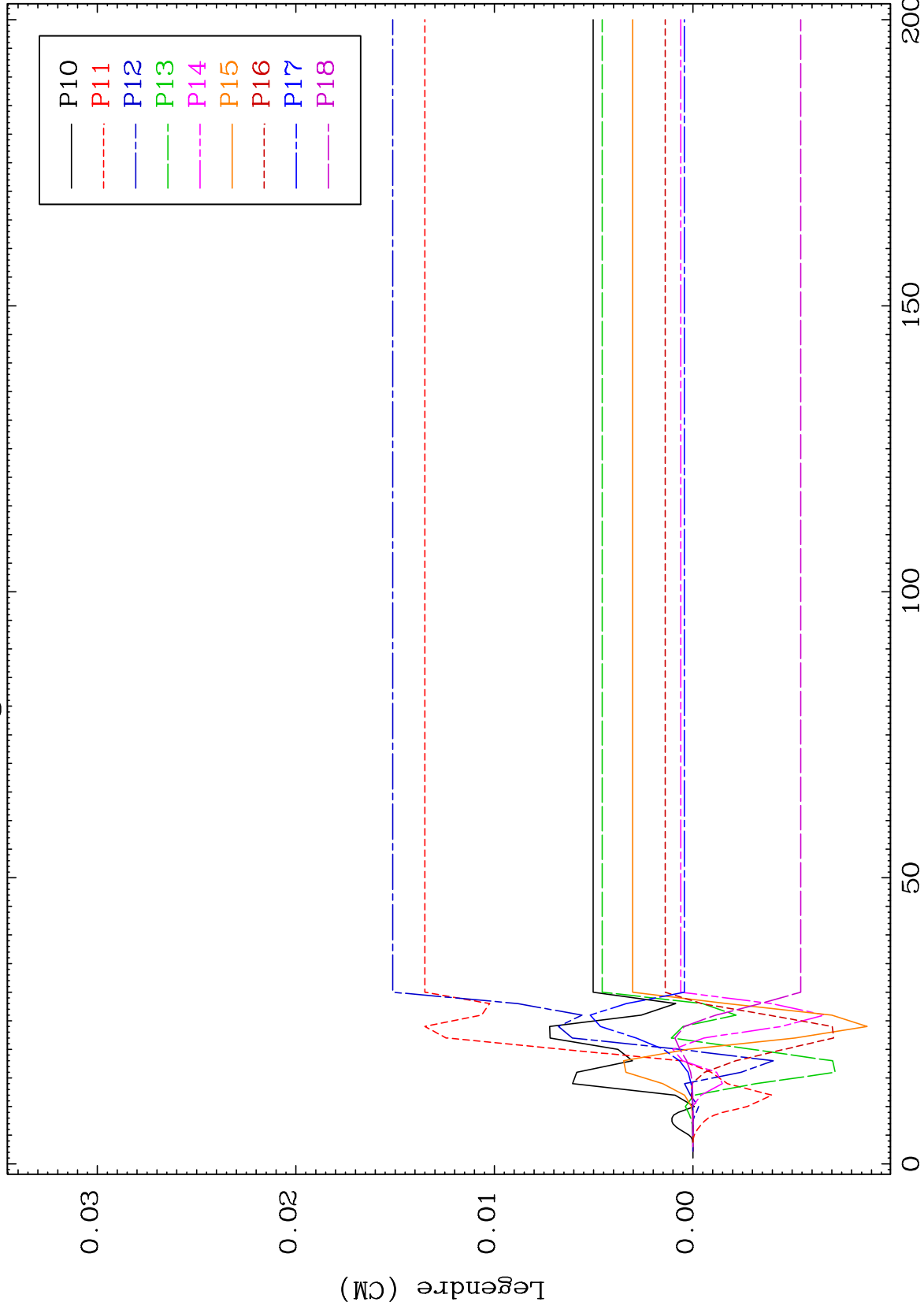
63-Eu-153



MAT 6331

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

63-Eu-153



72

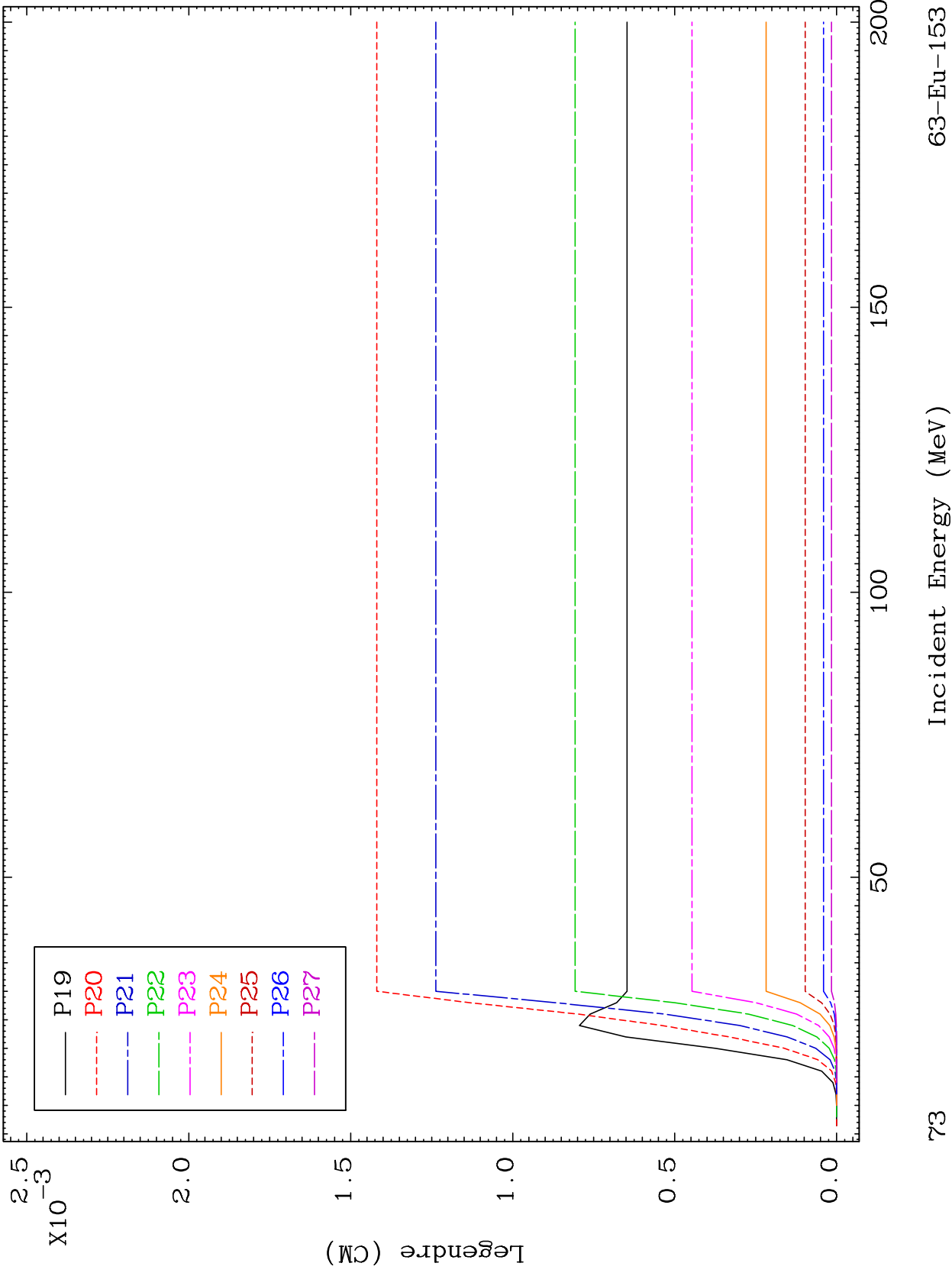
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

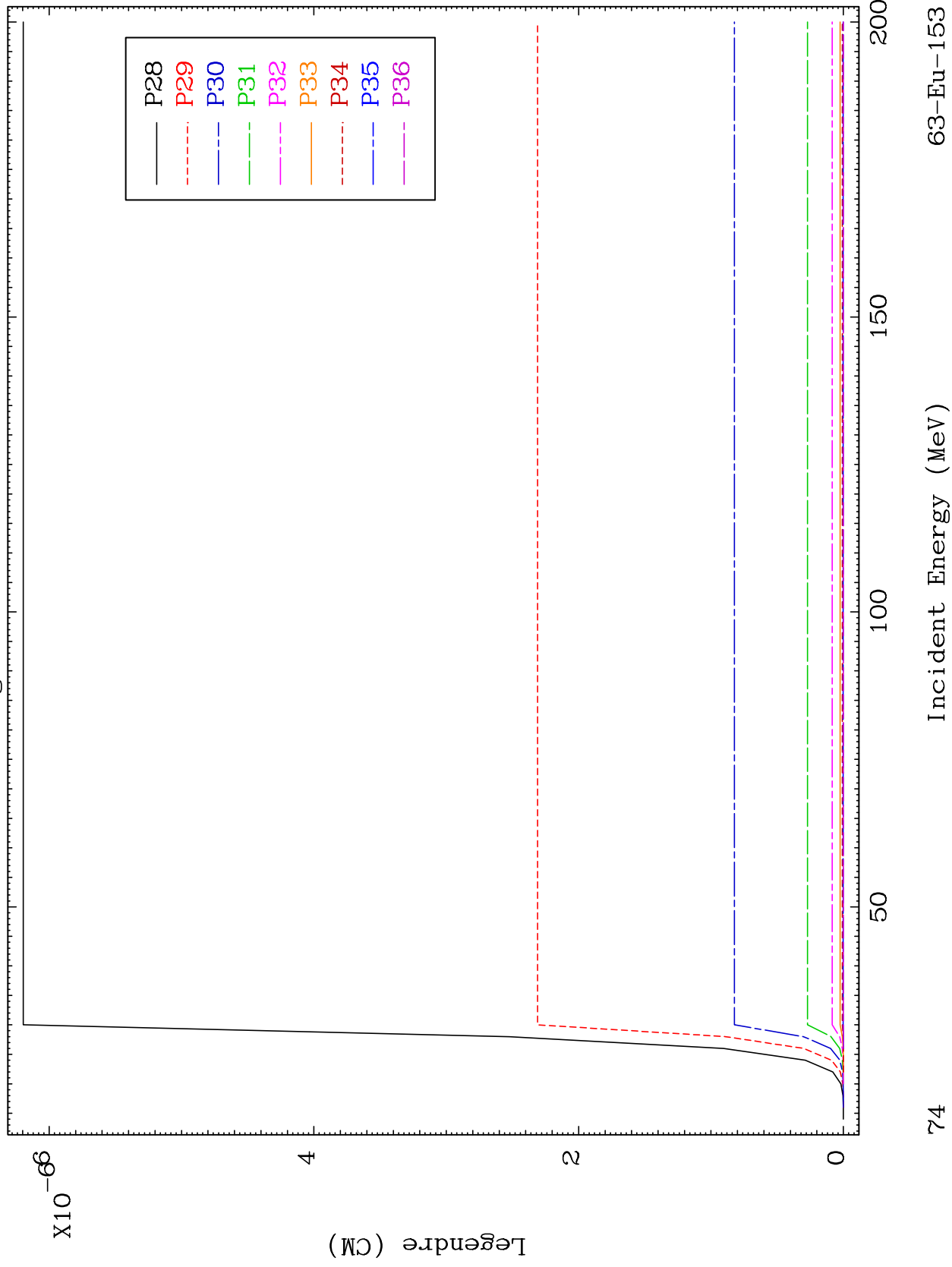
63-Eu-153



MAT 6331

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

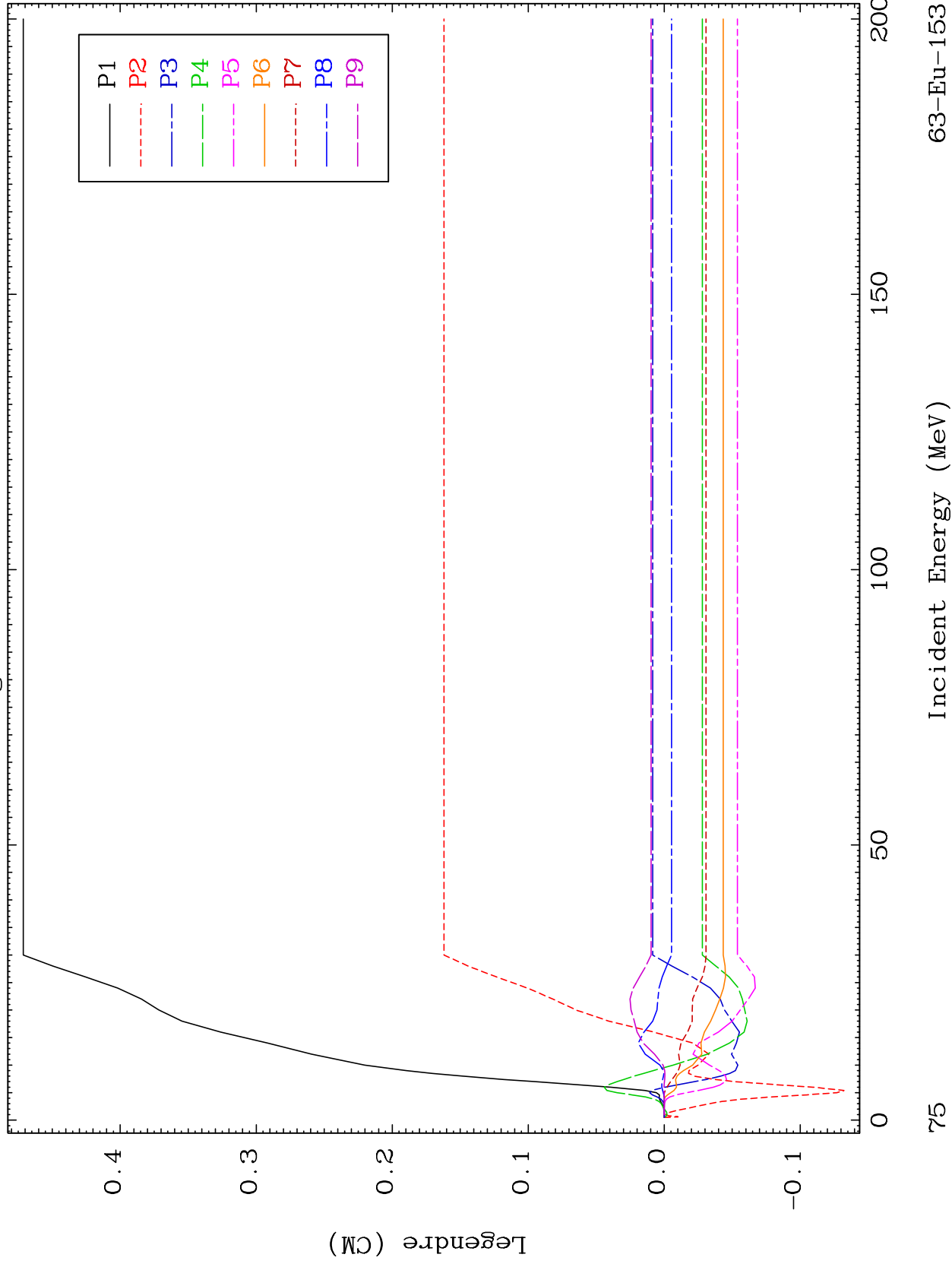
63-Eu-153



MAT 6331

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

63-Eu-153



63-Eu-153

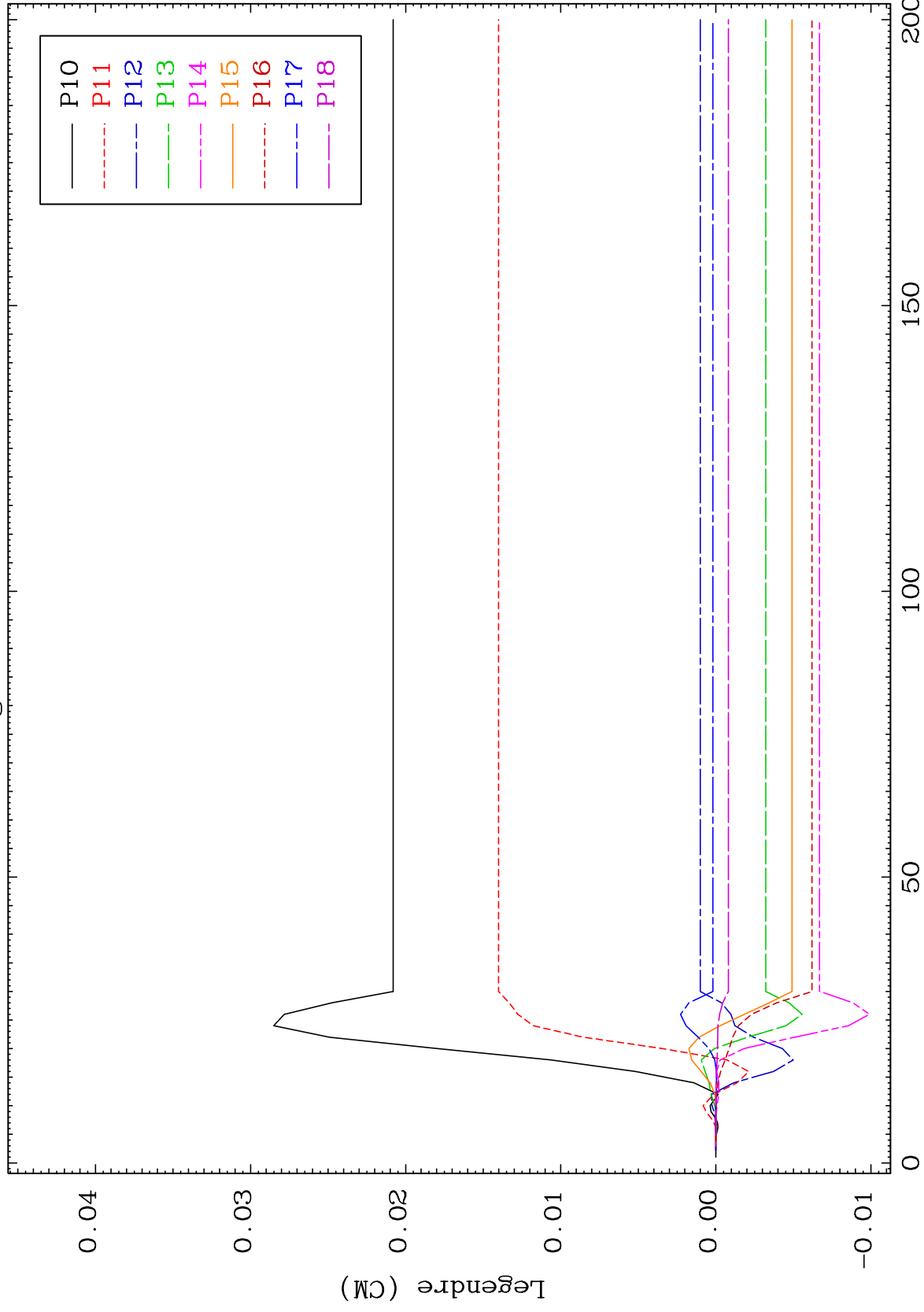
Incident Energy (MeV)

75

MAT 6331

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

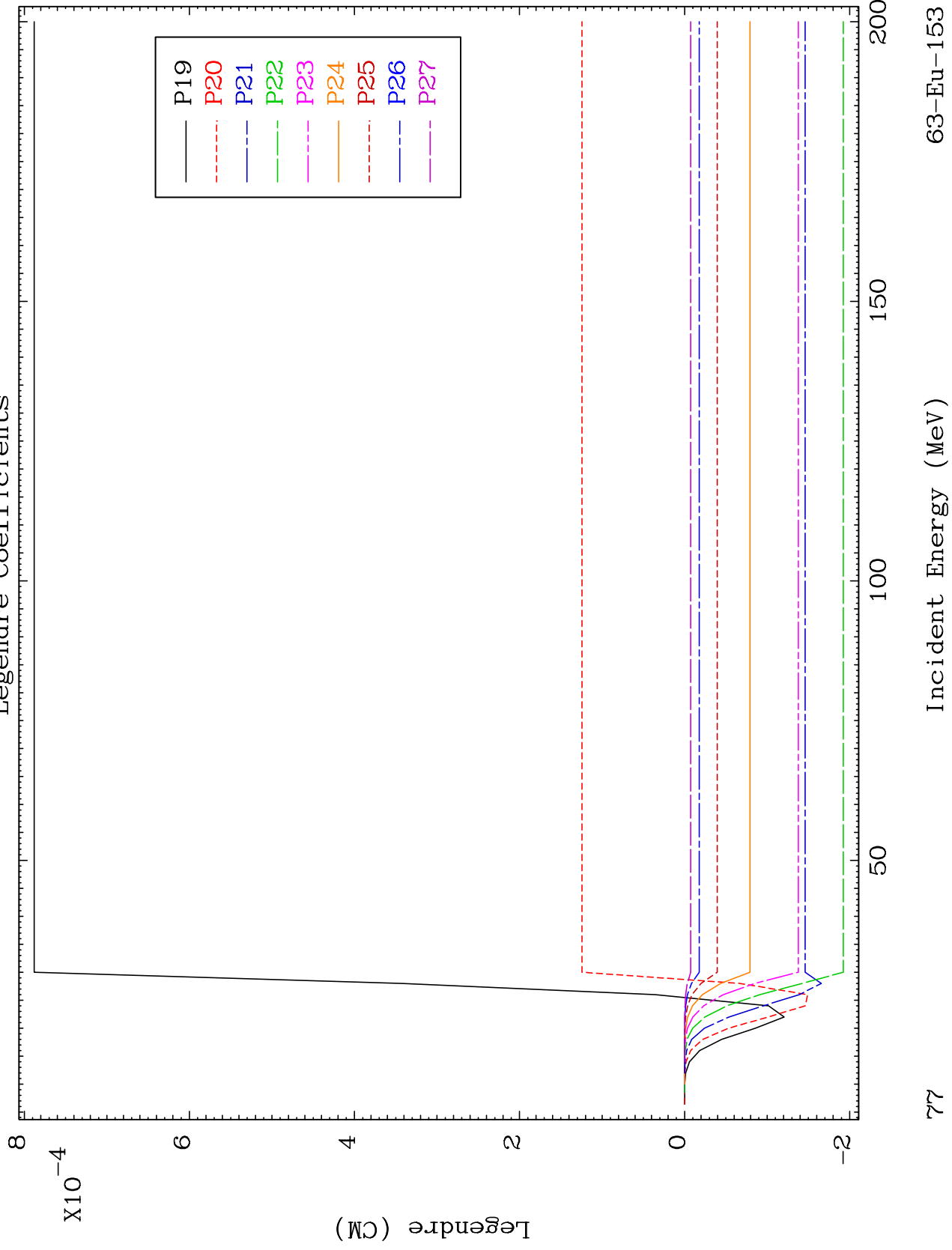
63-Eu-153



76

Incident Energy (MeV)

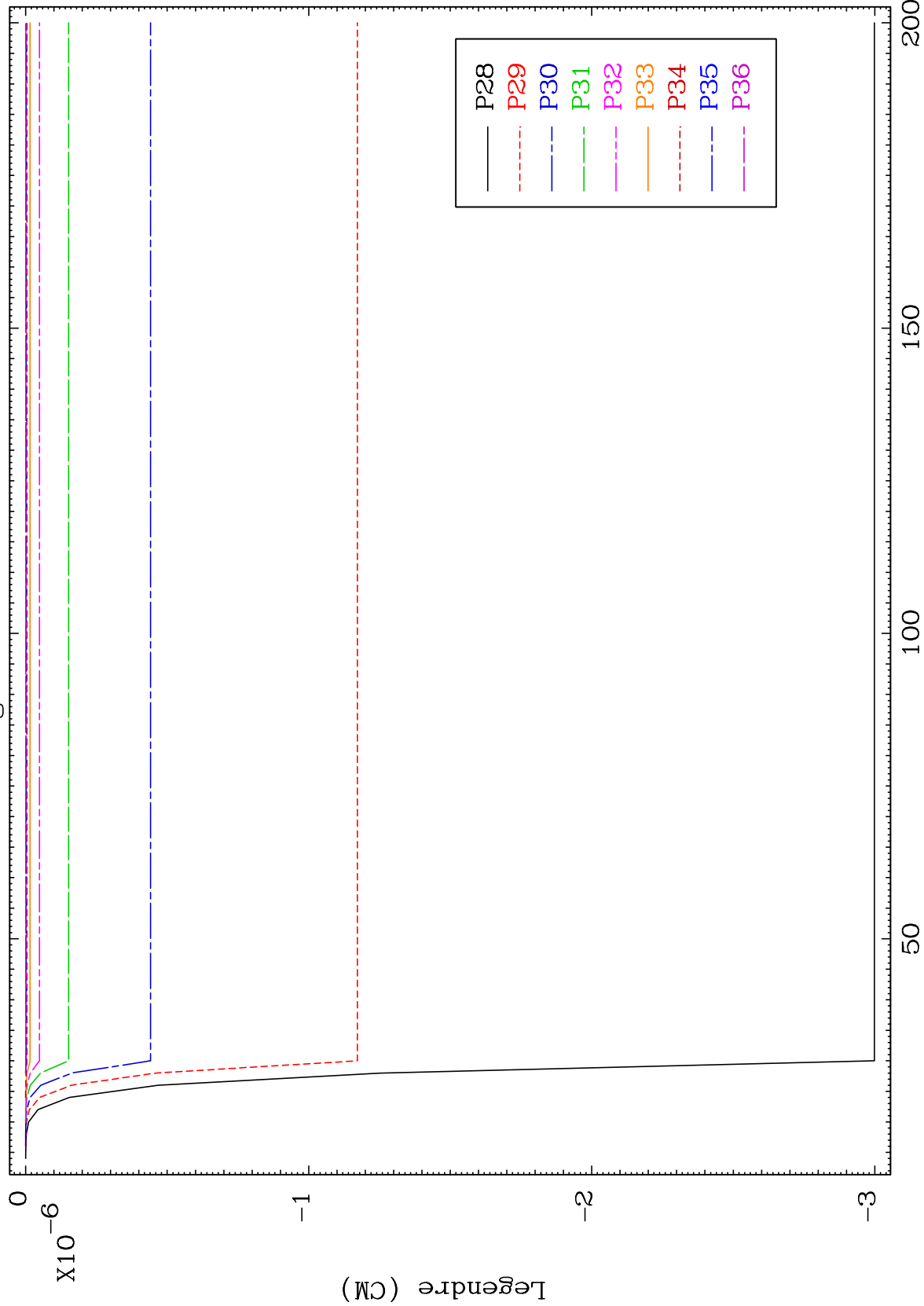
63-Eu-153



MAT 6331

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

63-Eu-153



63-Eu-153

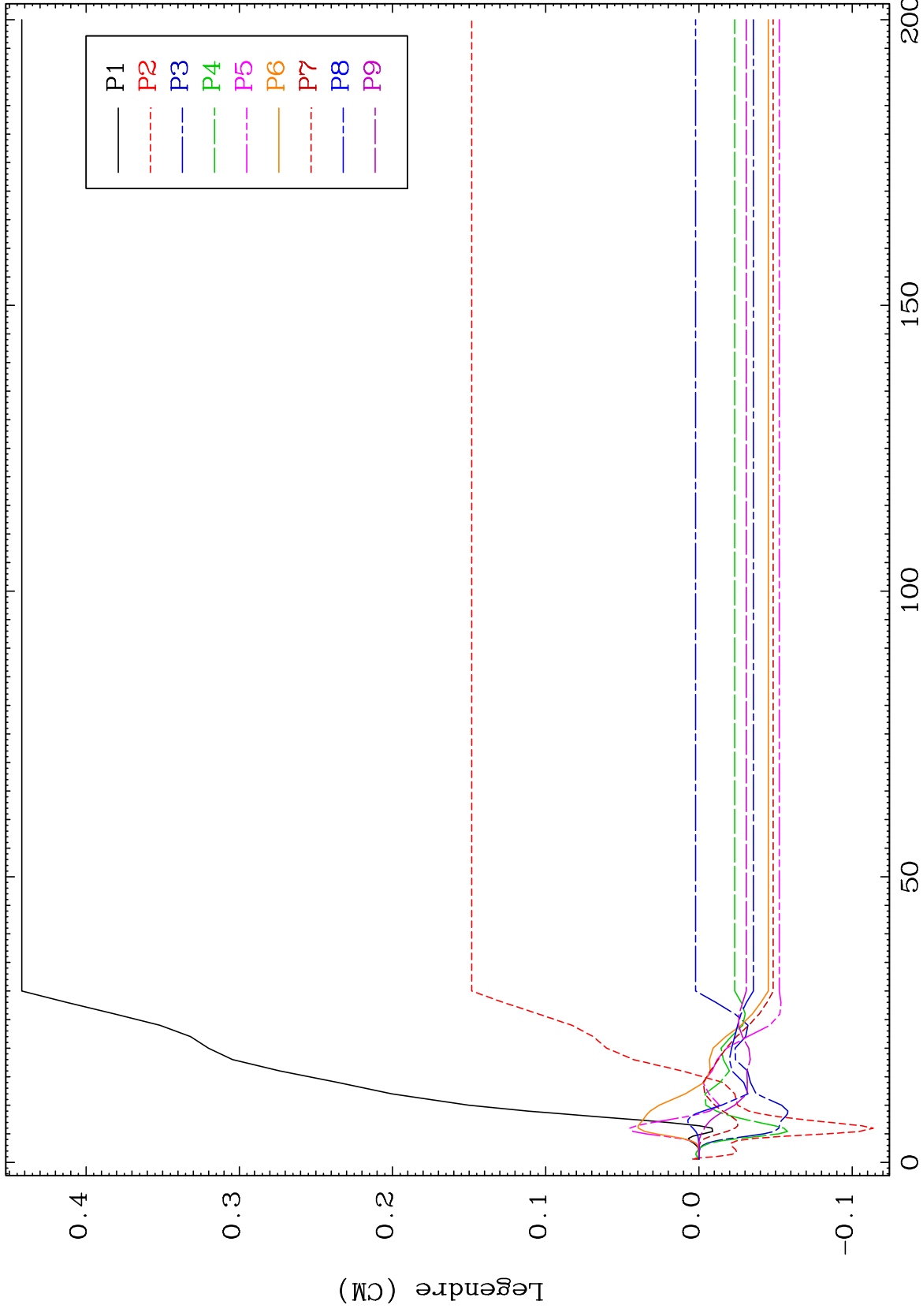
Incident Energy (MeV)

78

MAT 6331

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

63-Eu-153



79

Incident Energy (MeV)

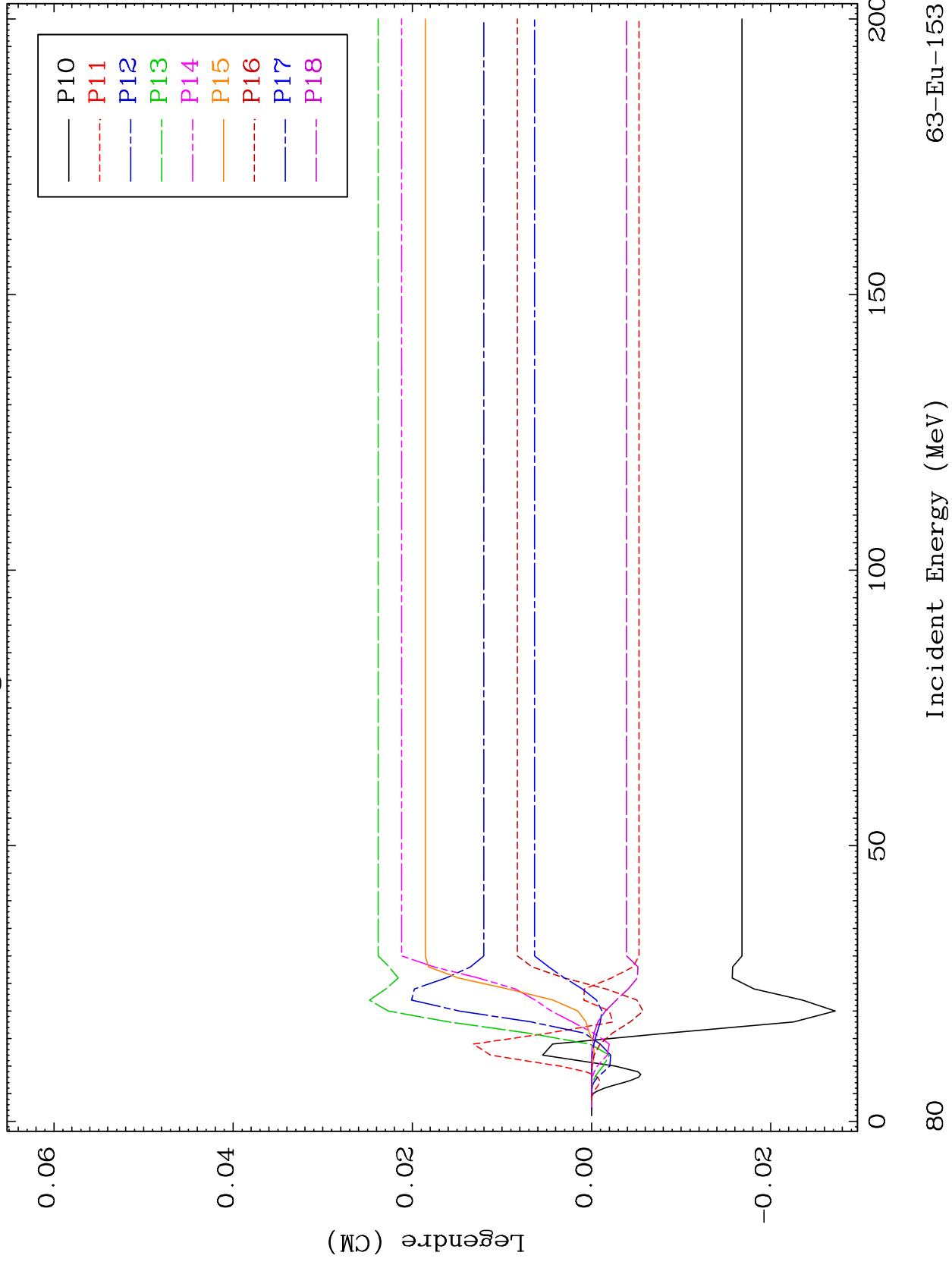
63-Eu-153



MAT 6331

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

63-Eu-153



63-Eu-153

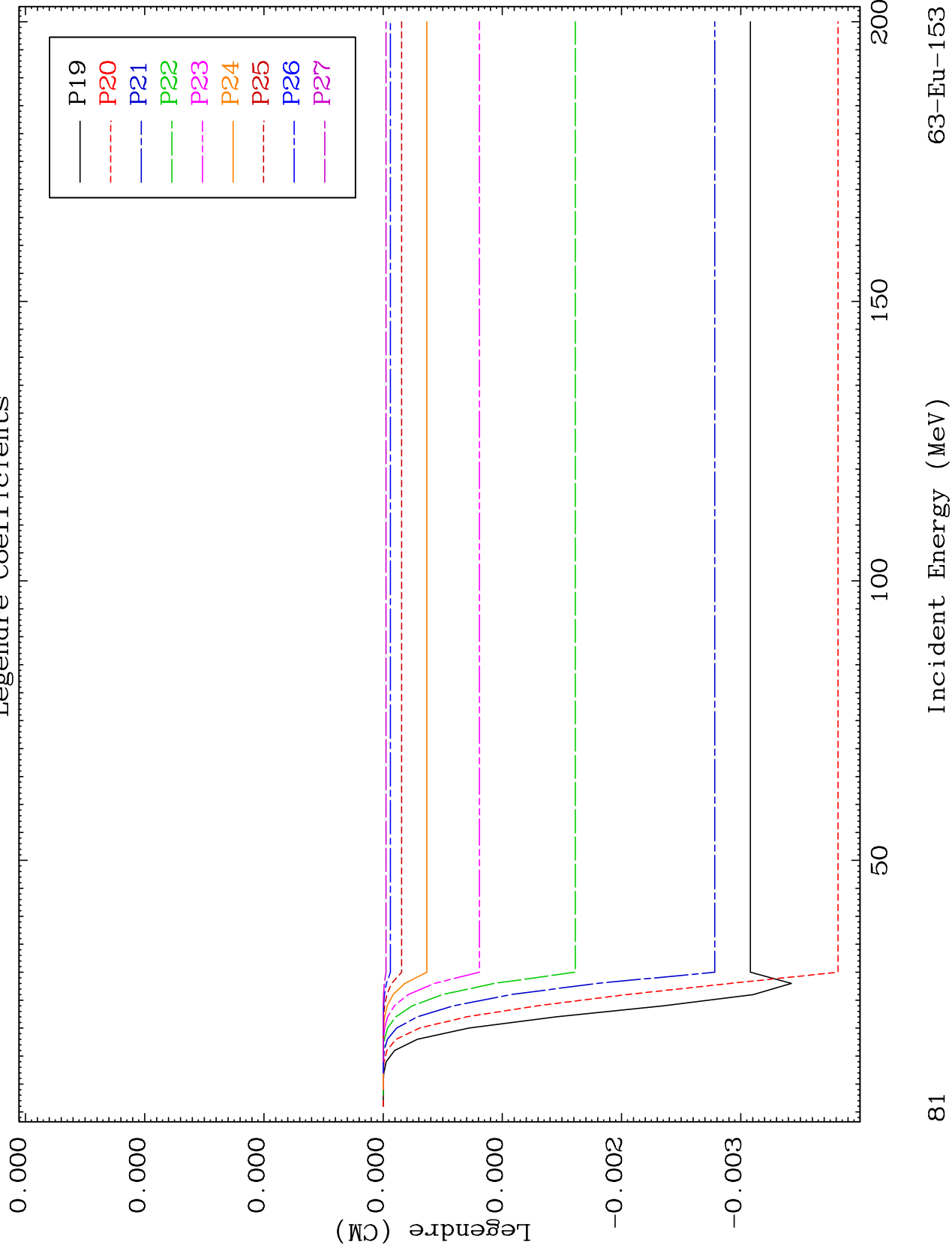
Incident Energy (MeV)

80

MAT 6331

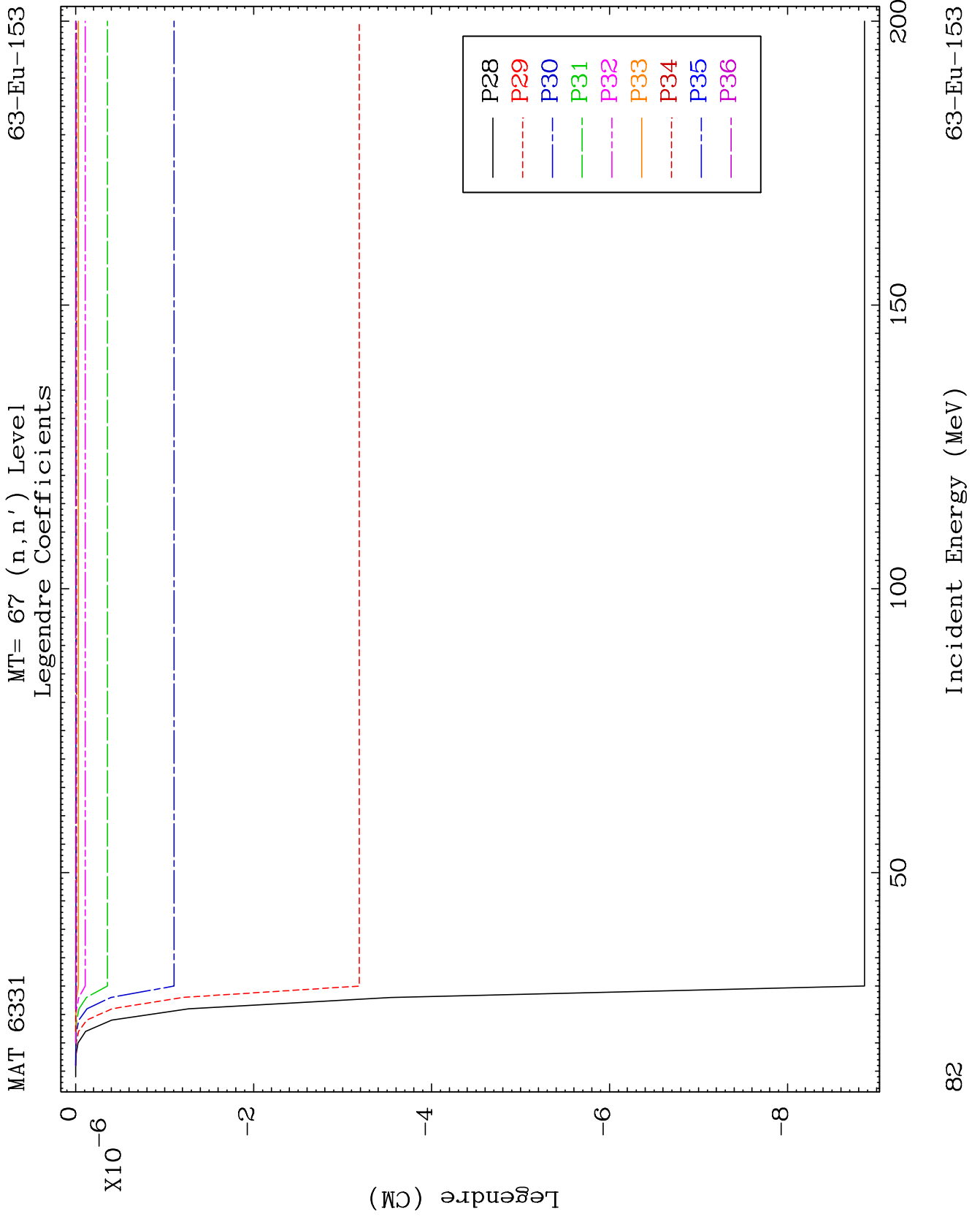
MT= 67 (n,n') Level  
Legendre Coefficients

63-Eu-153



81

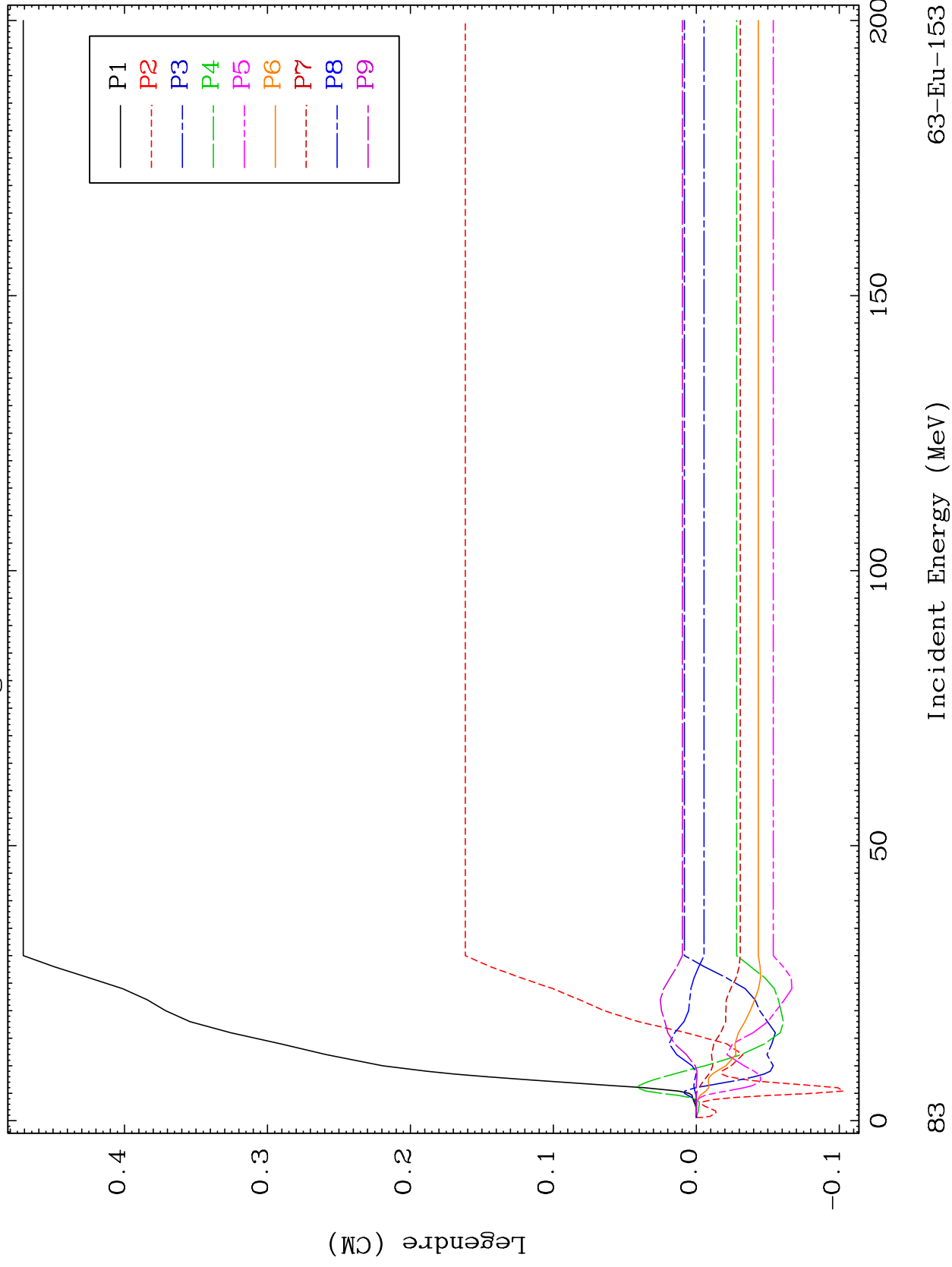
63-Eu-153



MAT 6331

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

63-Eu-153



63-Eu-153

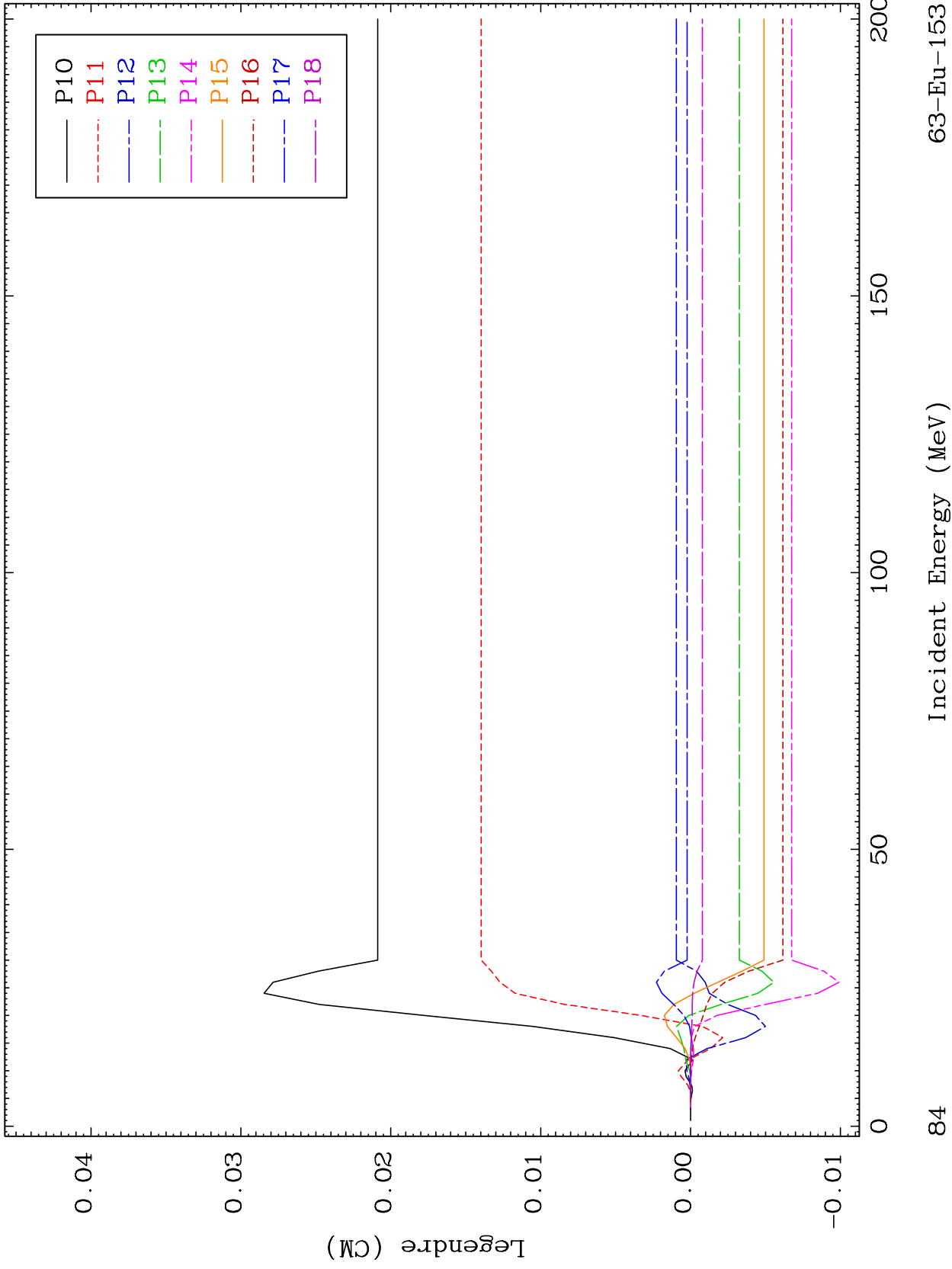
Incident Energy (MeV)

83

MAT 6331

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

63-Eu-153



84

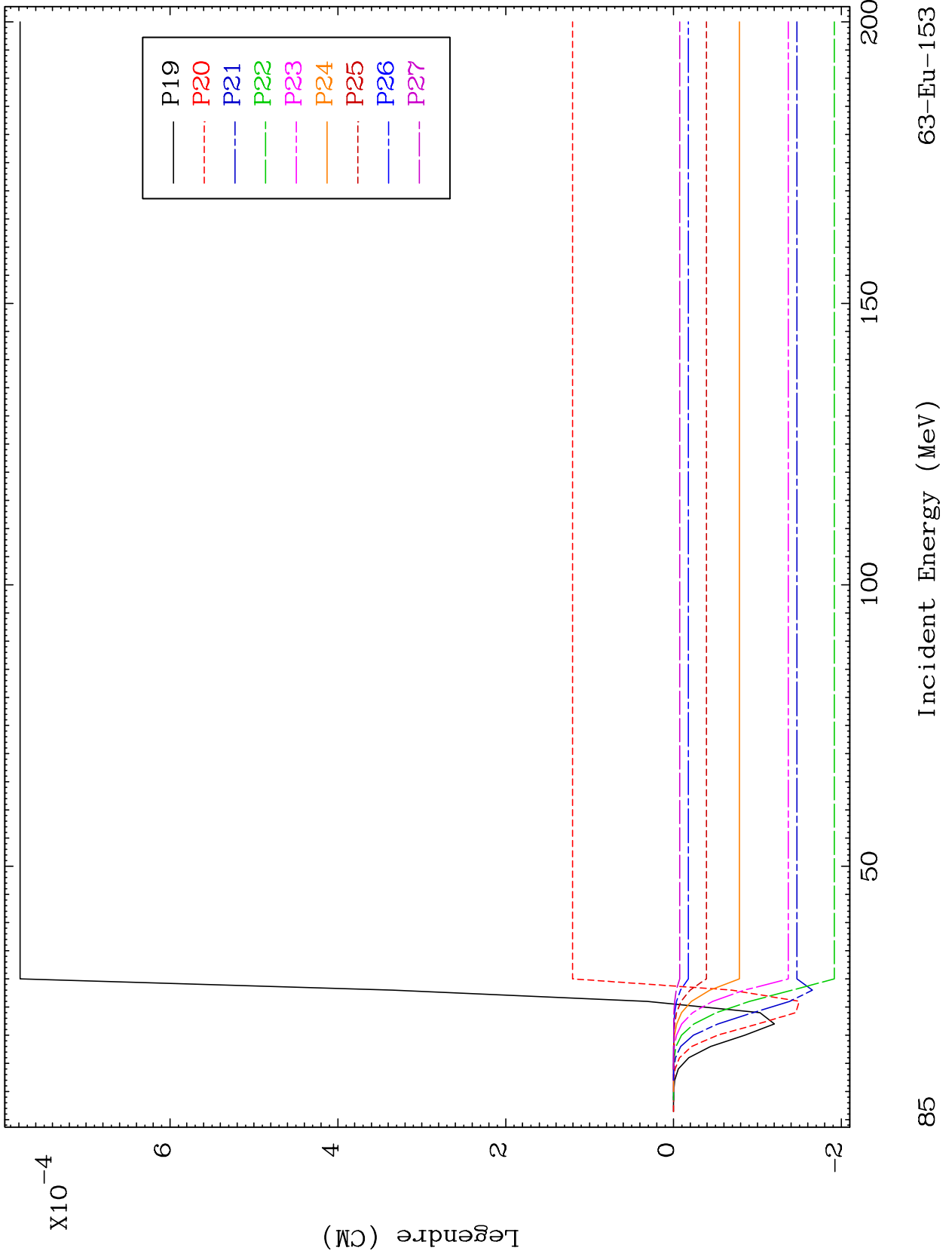
Incident Energy (MeV)

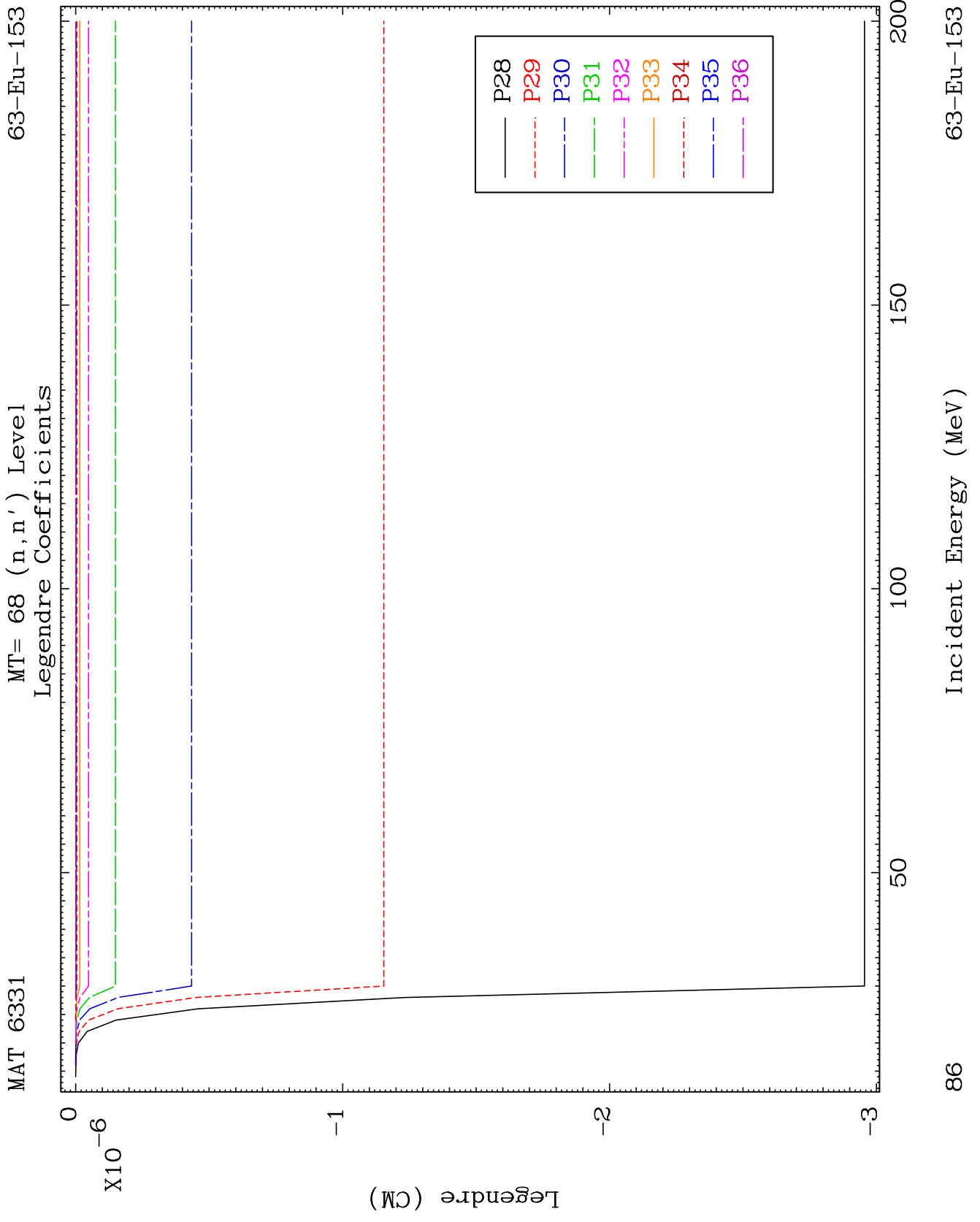
63-Eu-153

MAT 6331

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

63-Eu-153

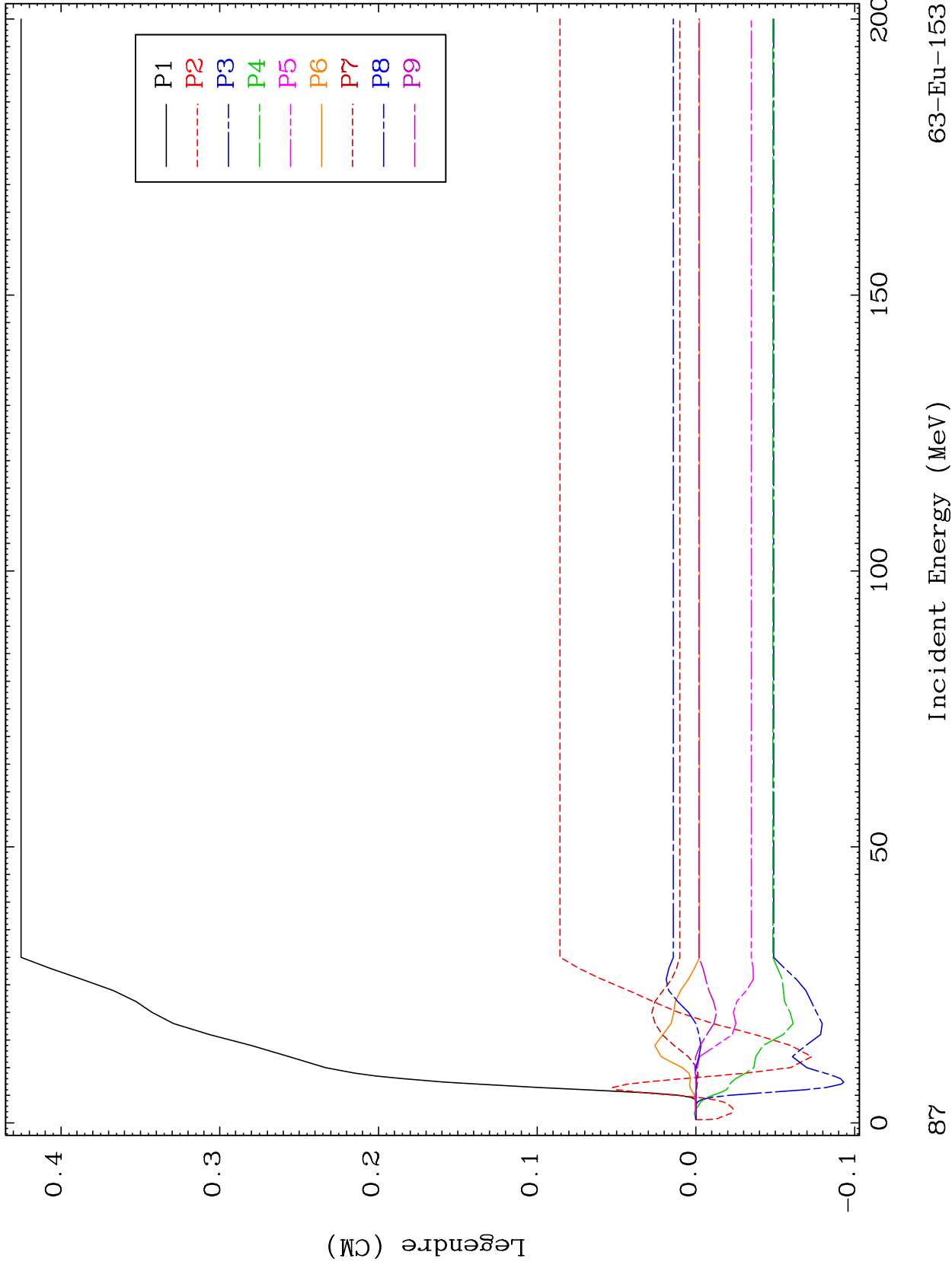




MAT 6331

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

63-Eu-153

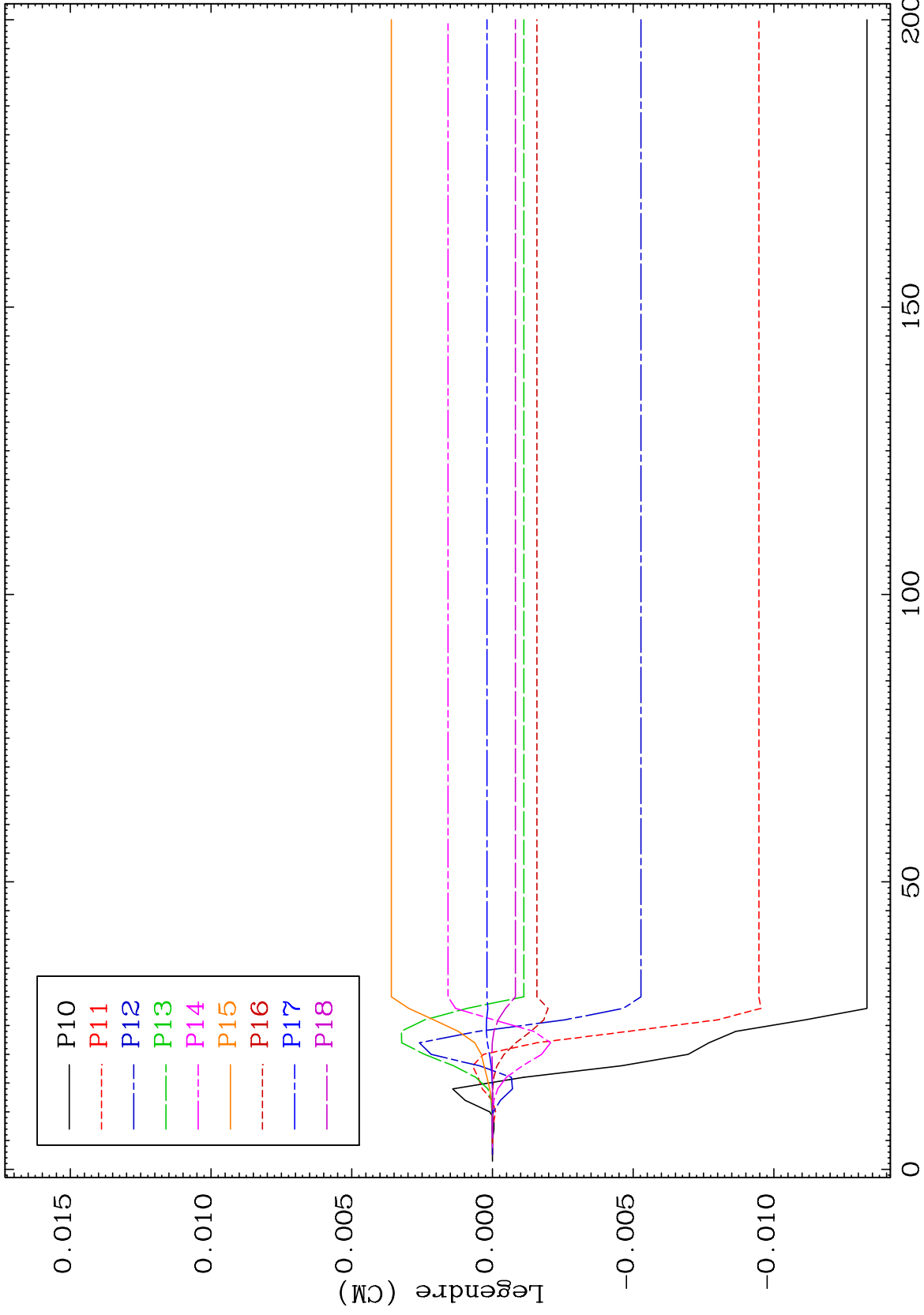


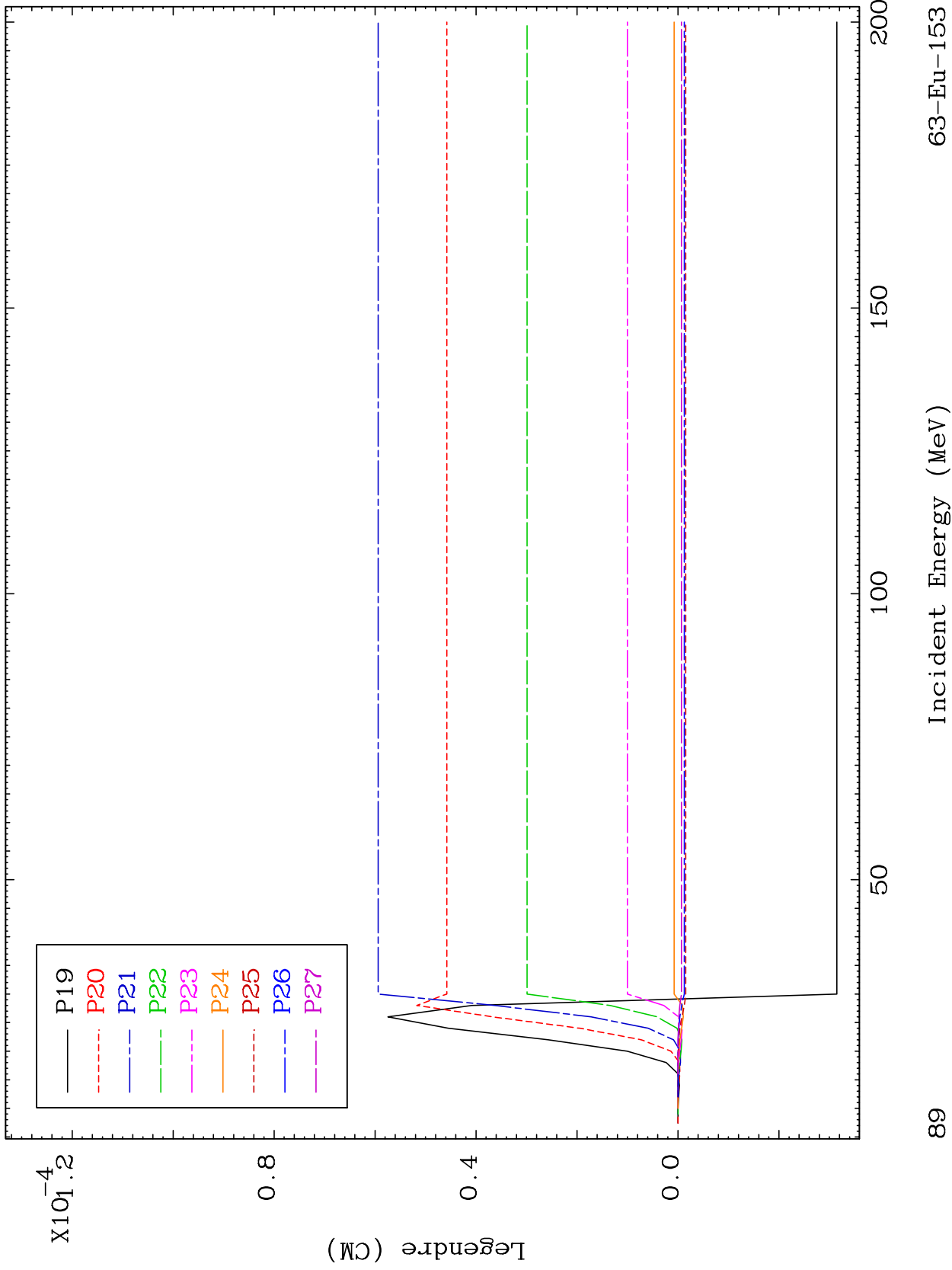
63-Eu-153

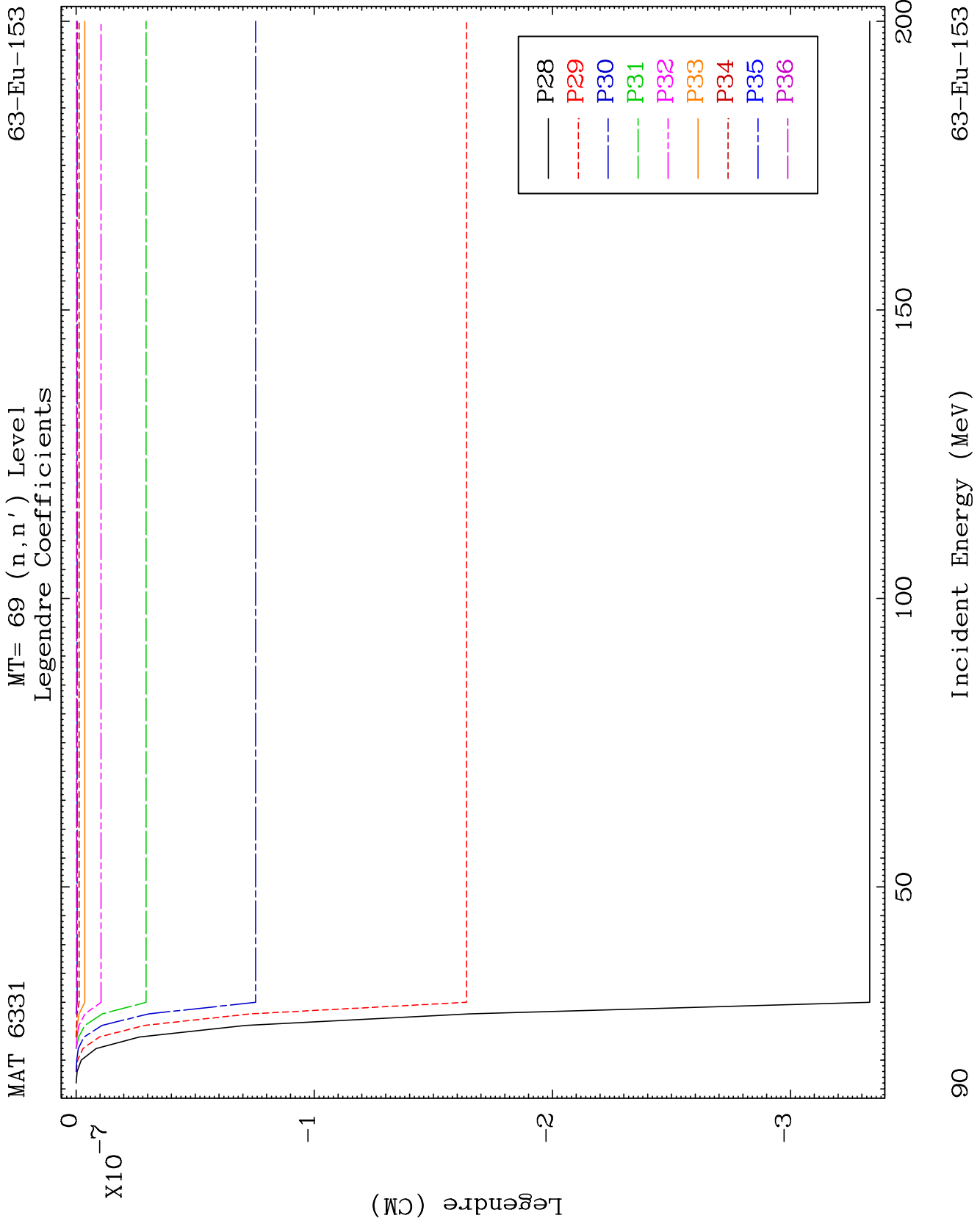
Incident Energy (MeV)

87





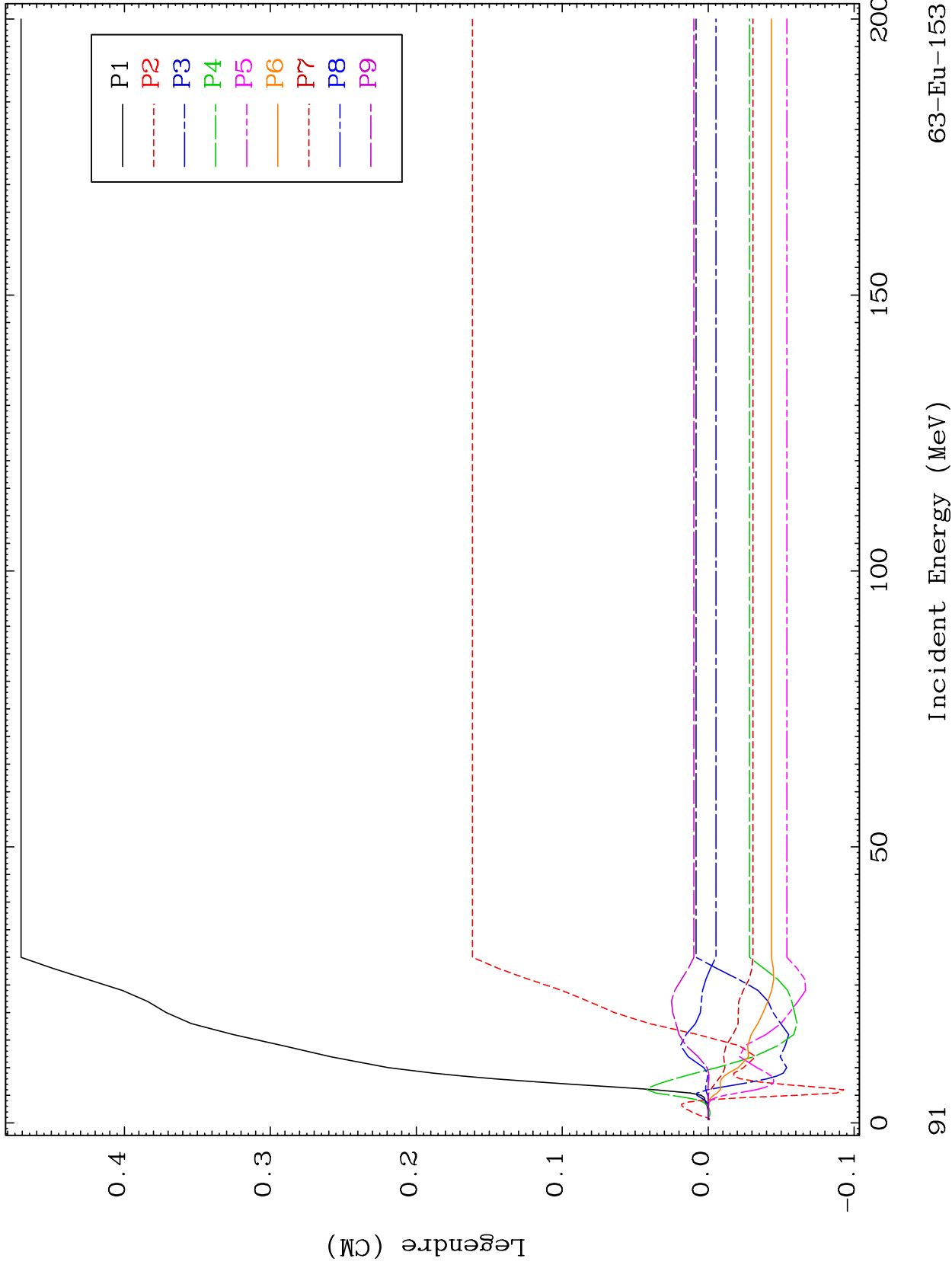




MAT 6331

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

63-Eu-153



91

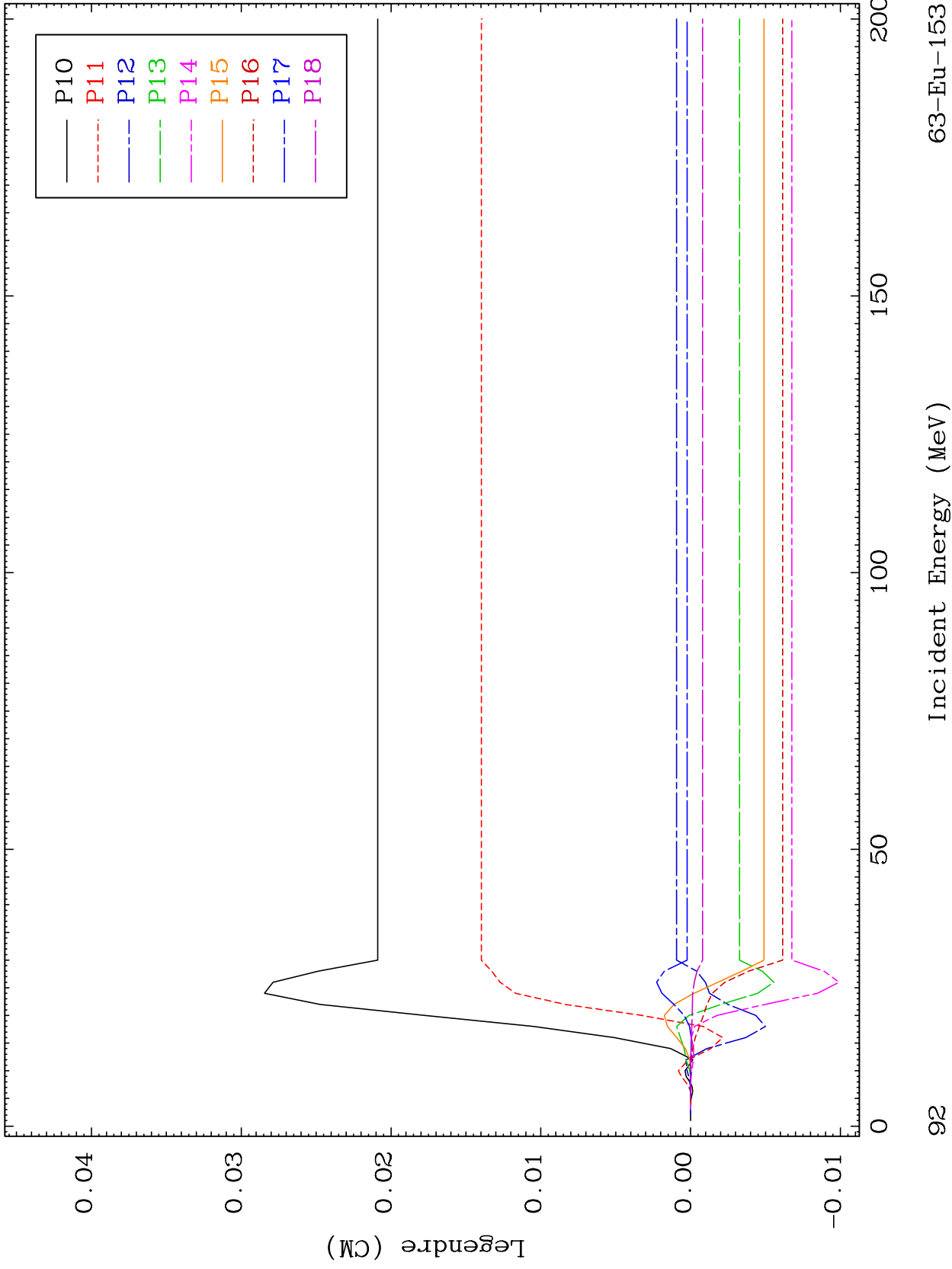
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

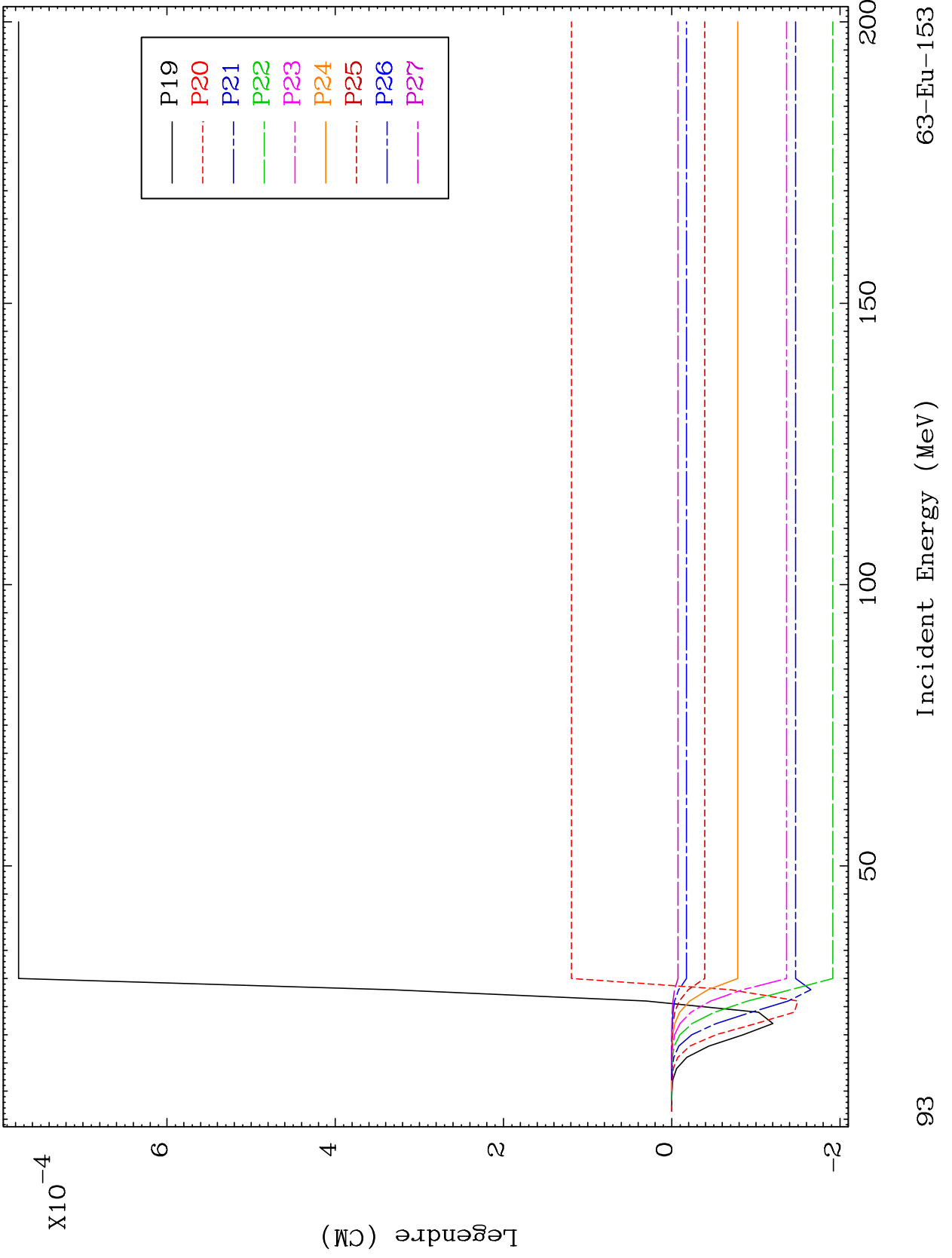
63-Eu-153

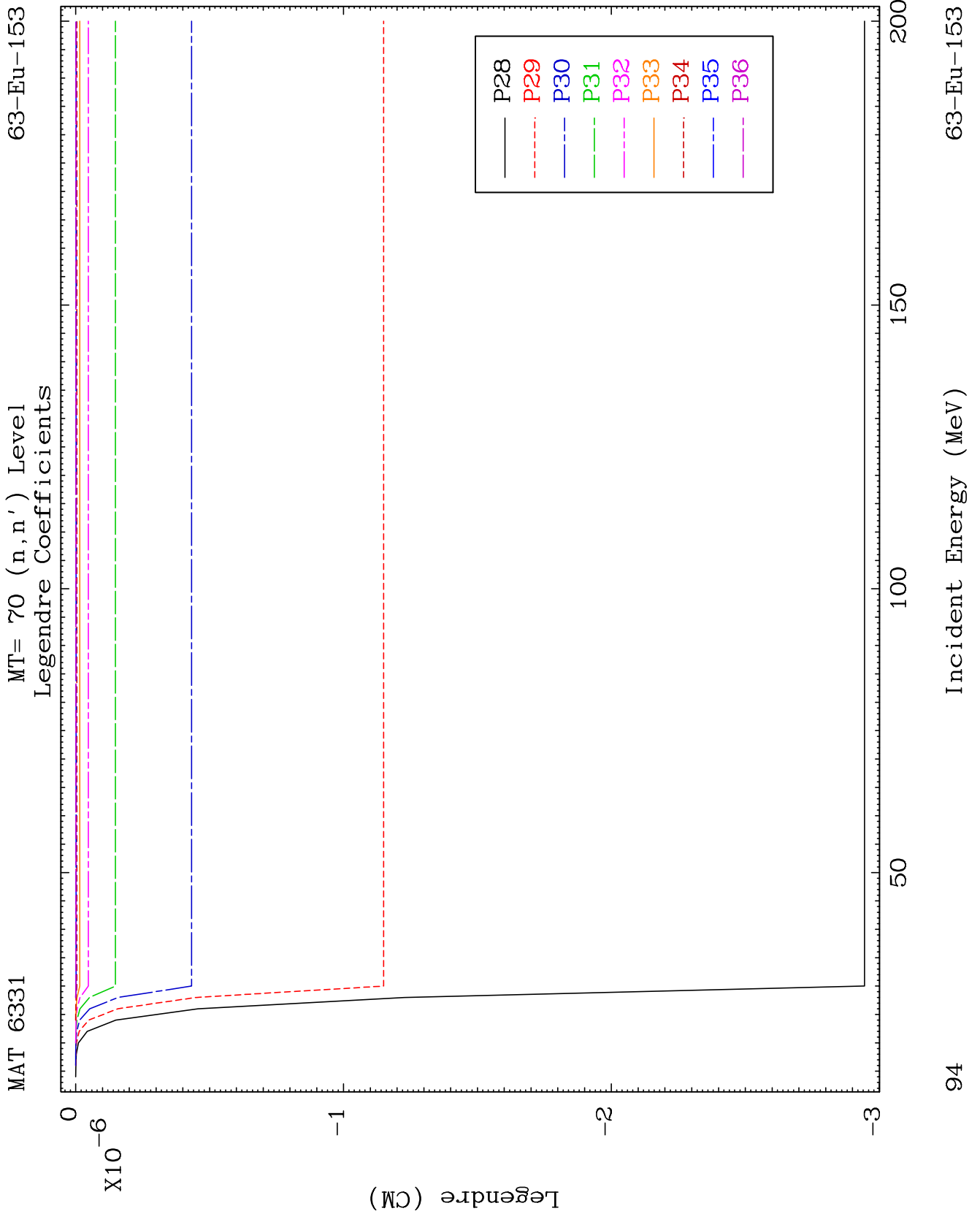


63-Eu-153

Incident Energy (MeV)

92

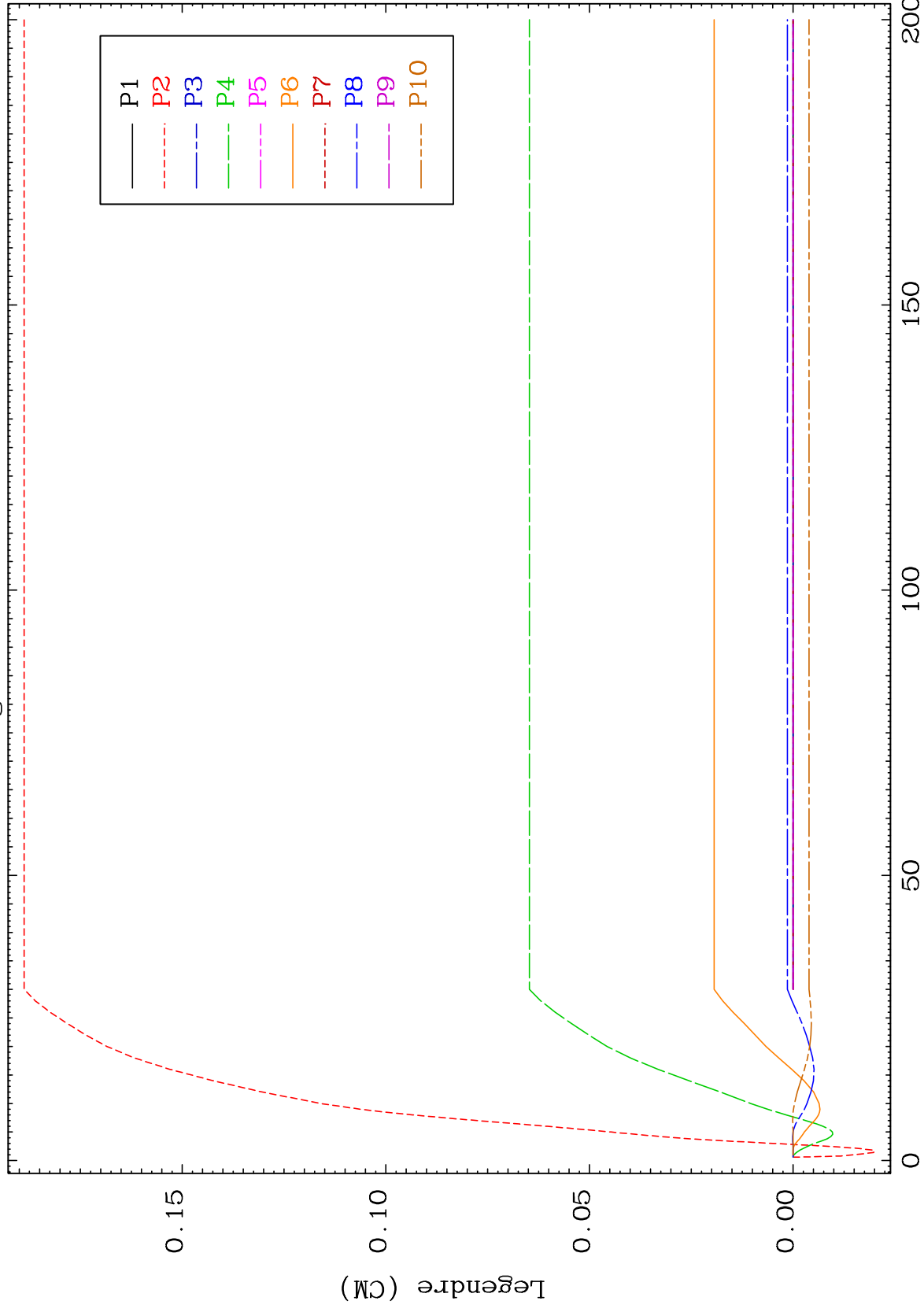




MAT 6331

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

63-Eu-153



95

Incident Energy (MeV)

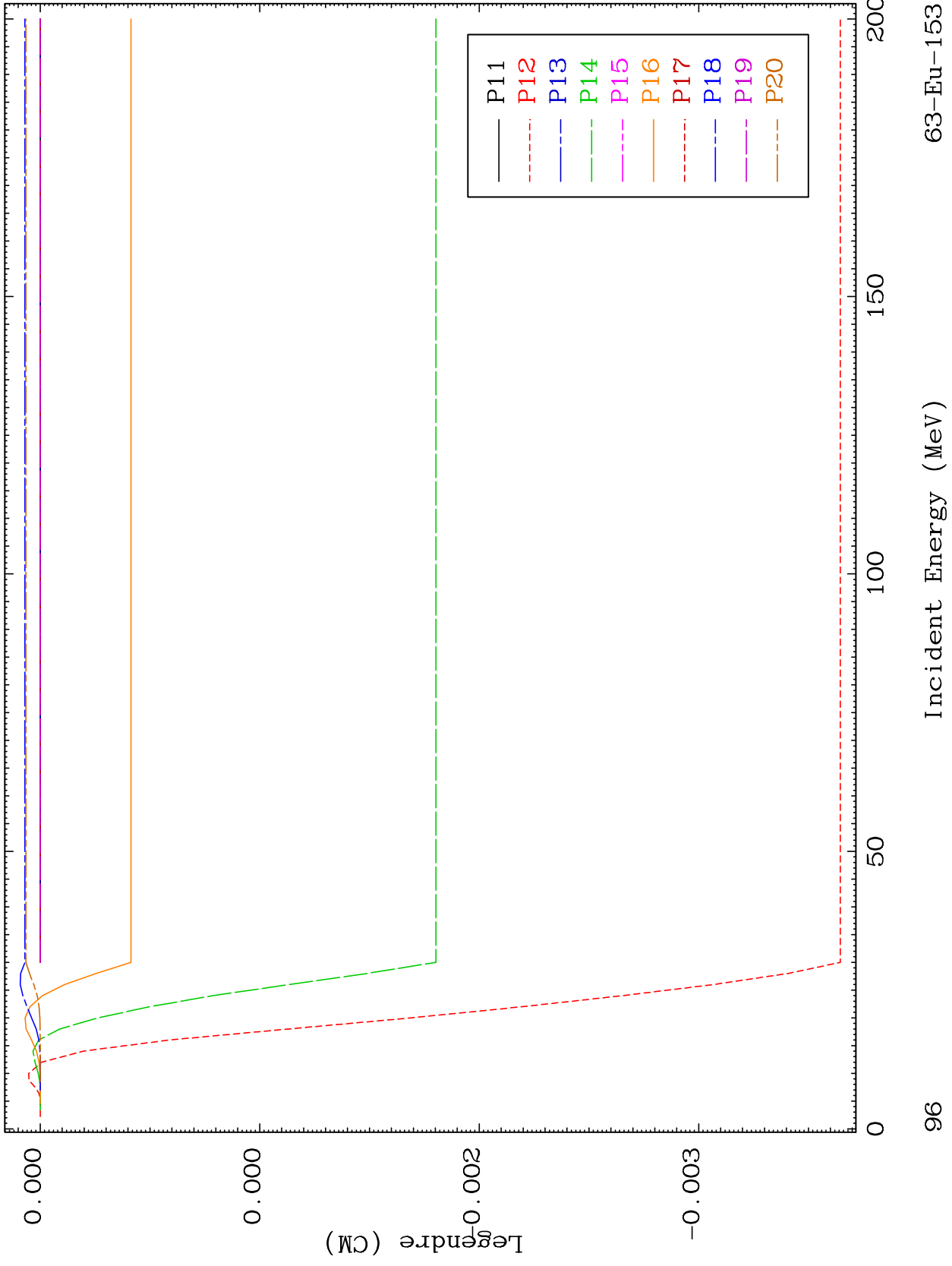
63-Eu-153



MAT 6331

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

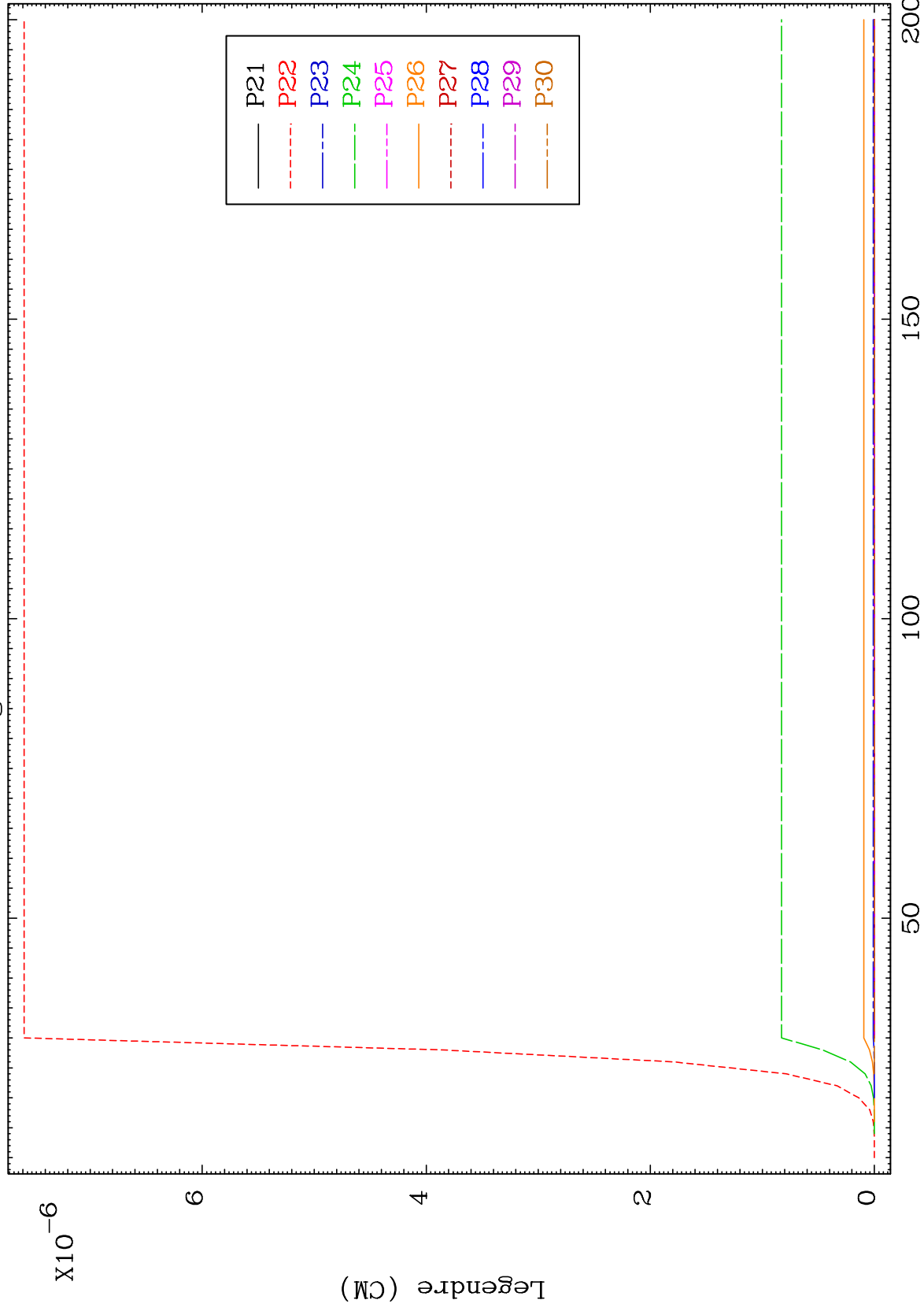
63-Eu-153



MAT 6331

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

63-Eu-153



97

Incident Energy (MeV)

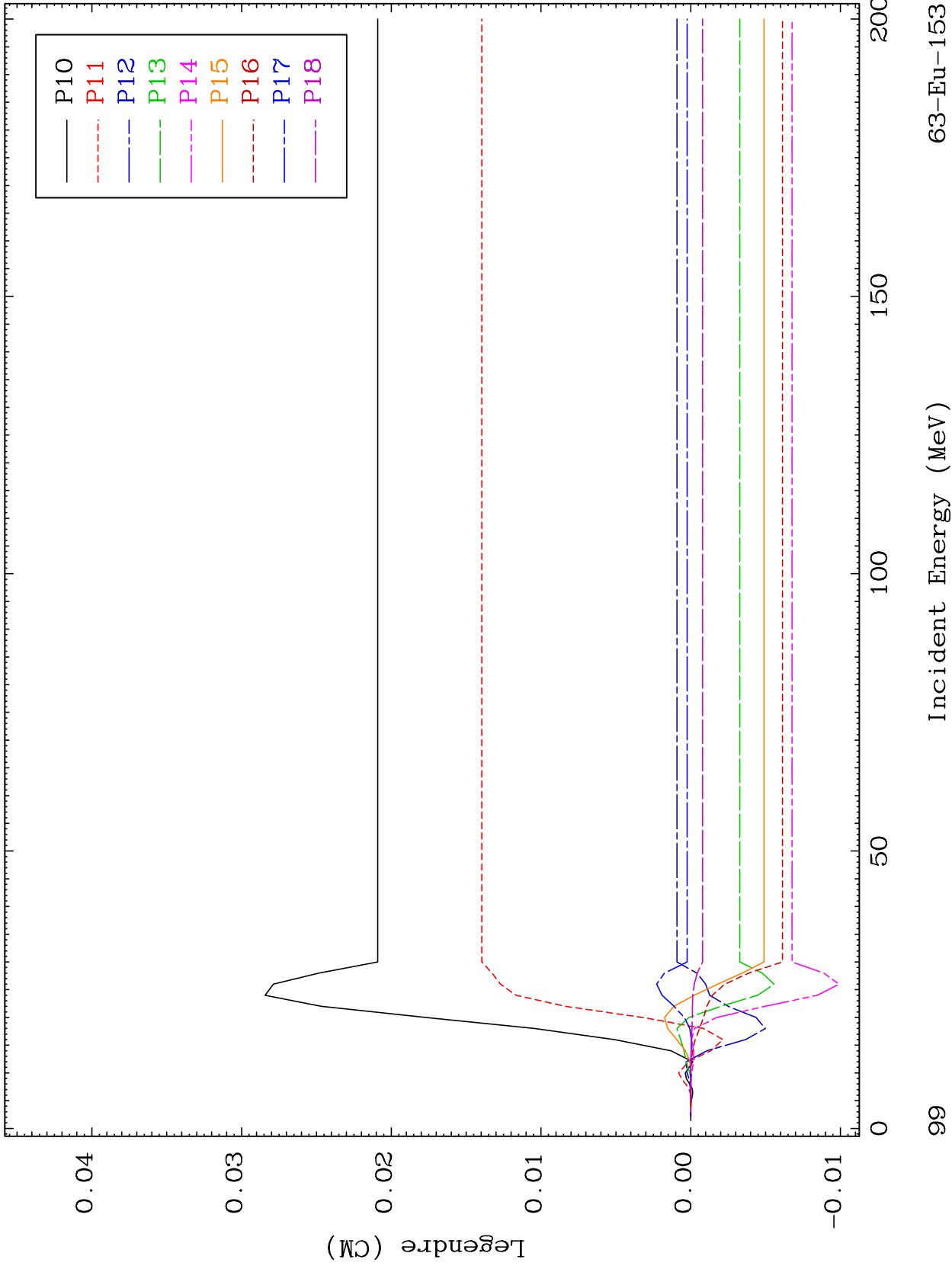
63-Eu-153



MAT 6331

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

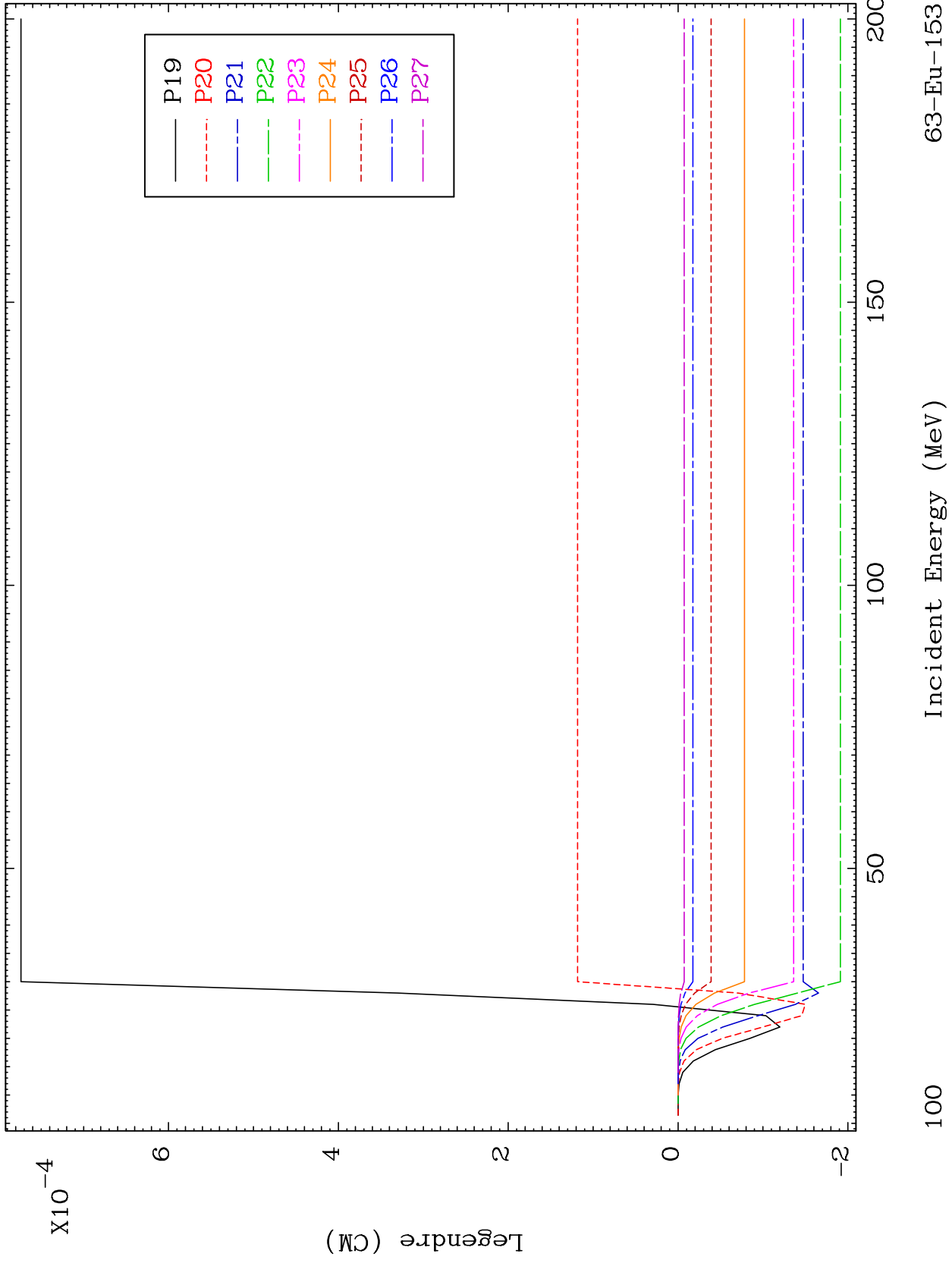
63-Eu-153

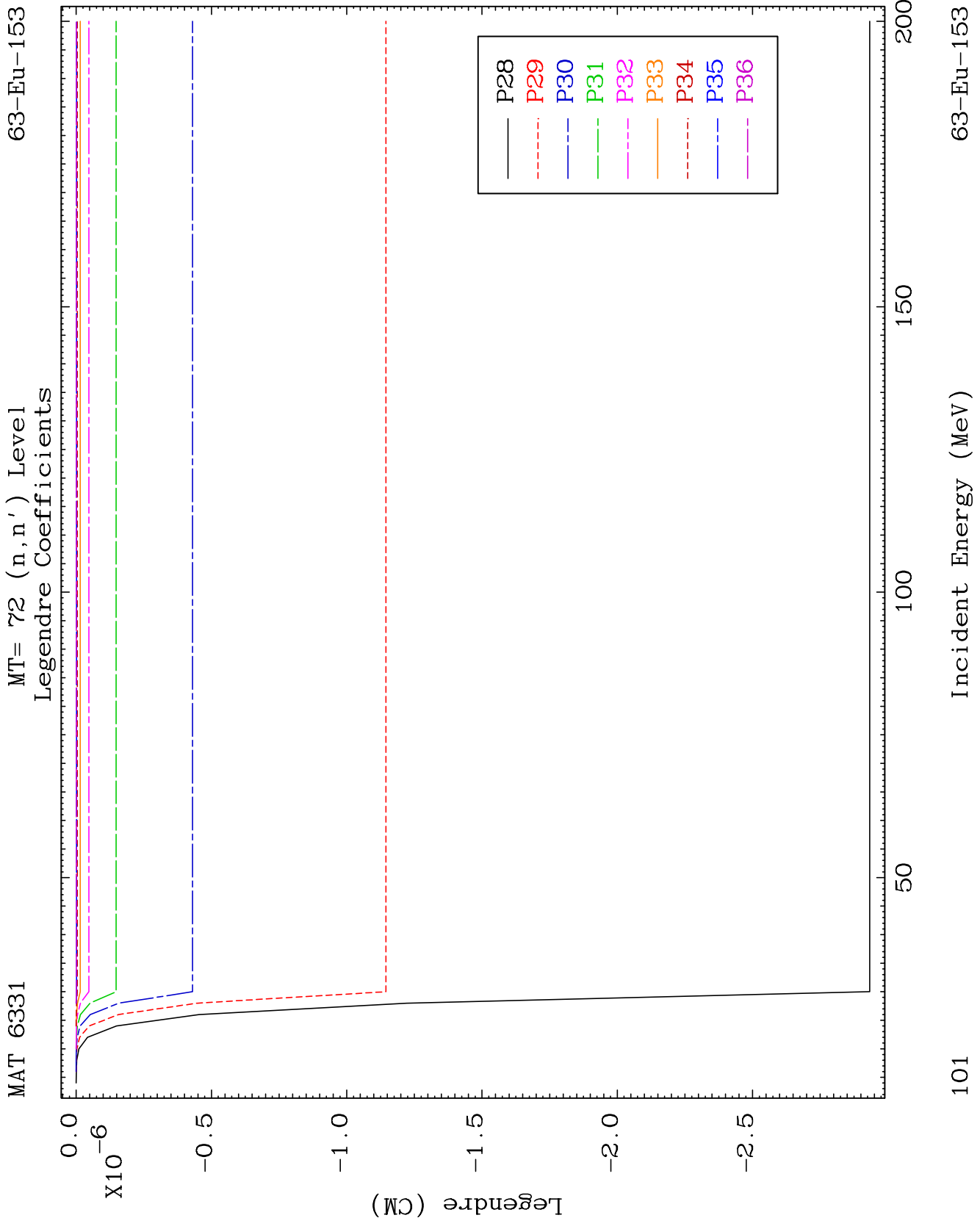


MAT 6331

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

63-Eu-153

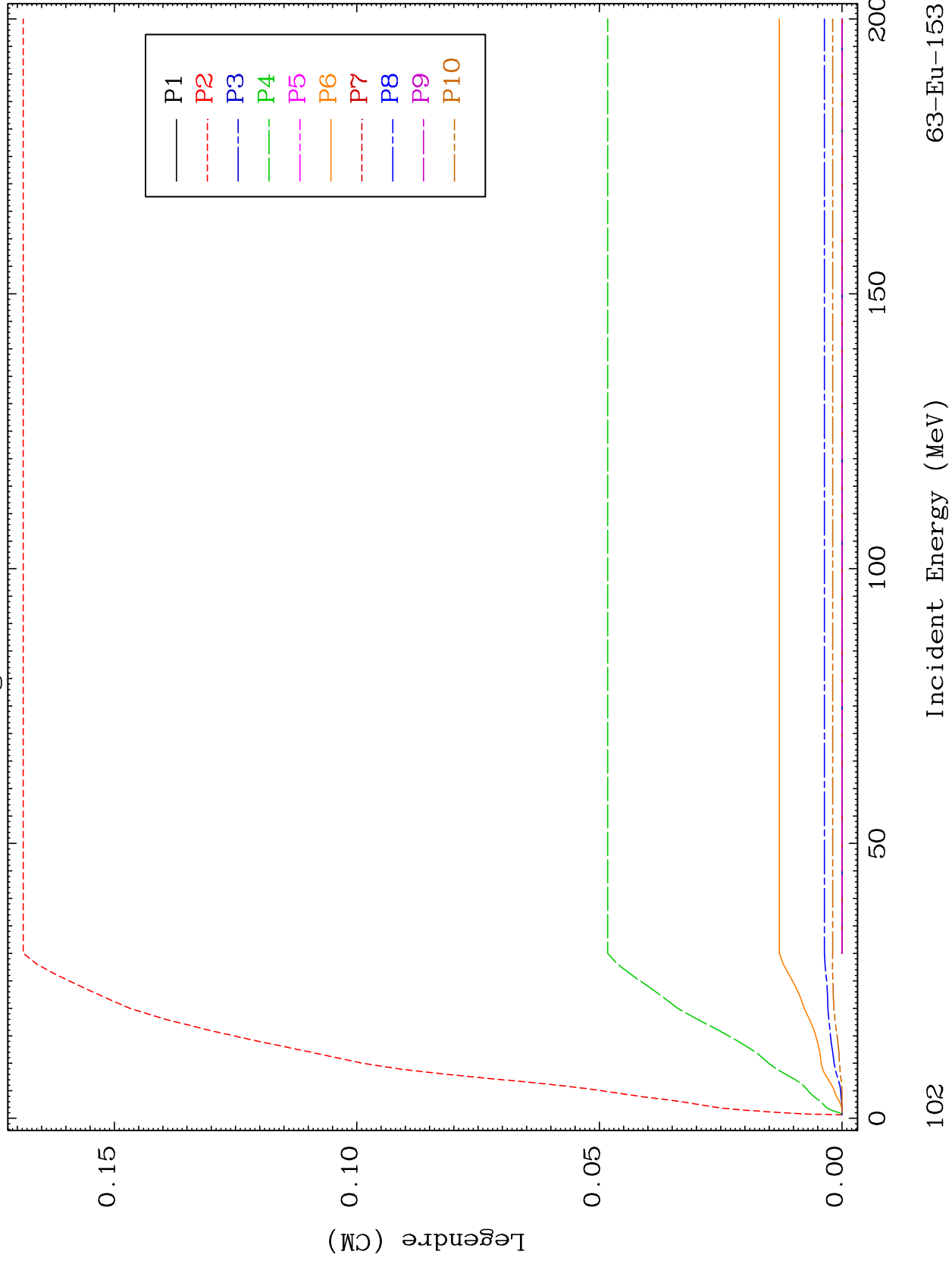




MAT 6331

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

63-Eu-153



63-Eu-153

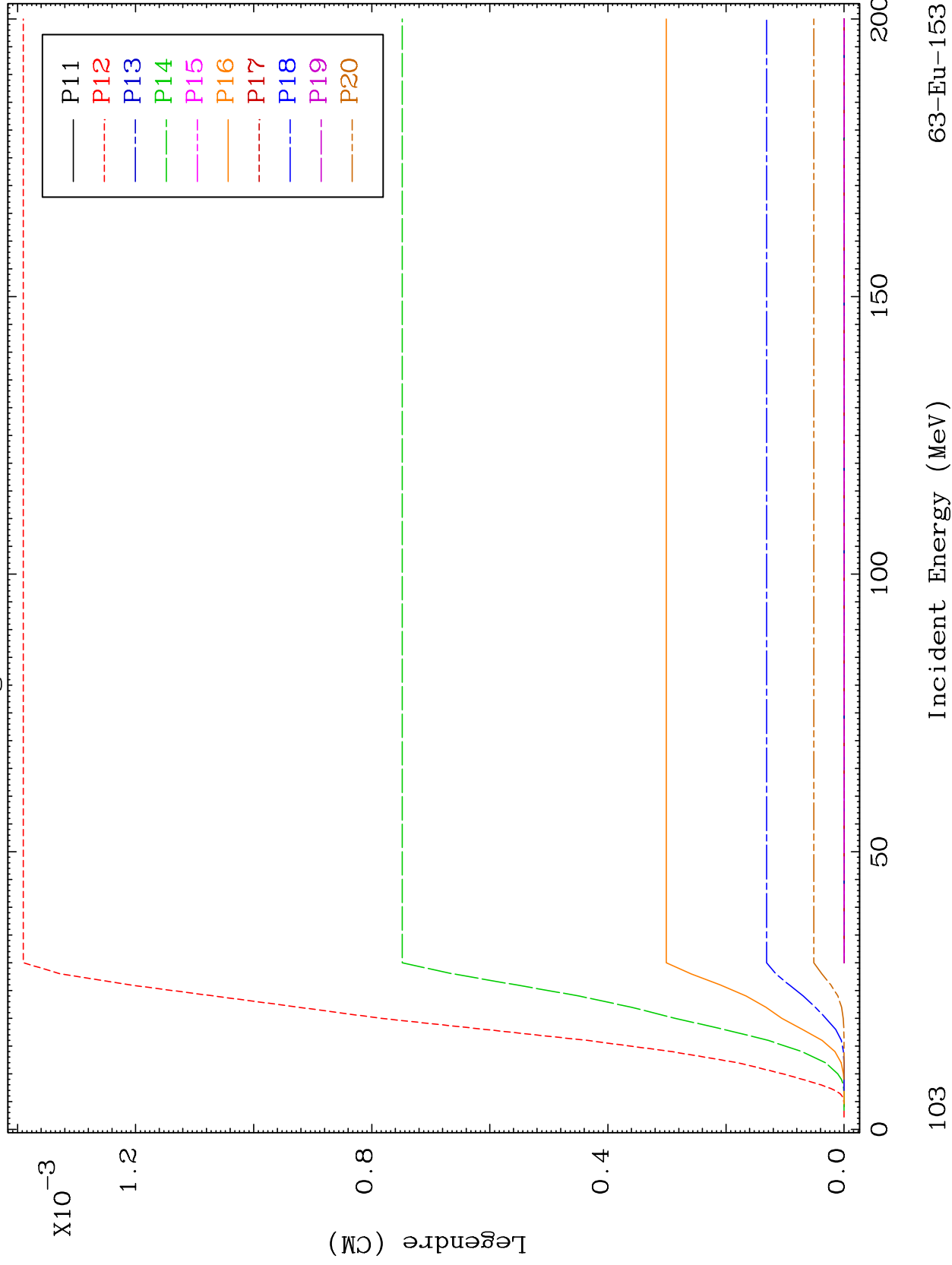
Incident Energy (MeV)

102

MAT 6331

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

63-Eu-153



63-Eu-153

Incident Energy (MeV)

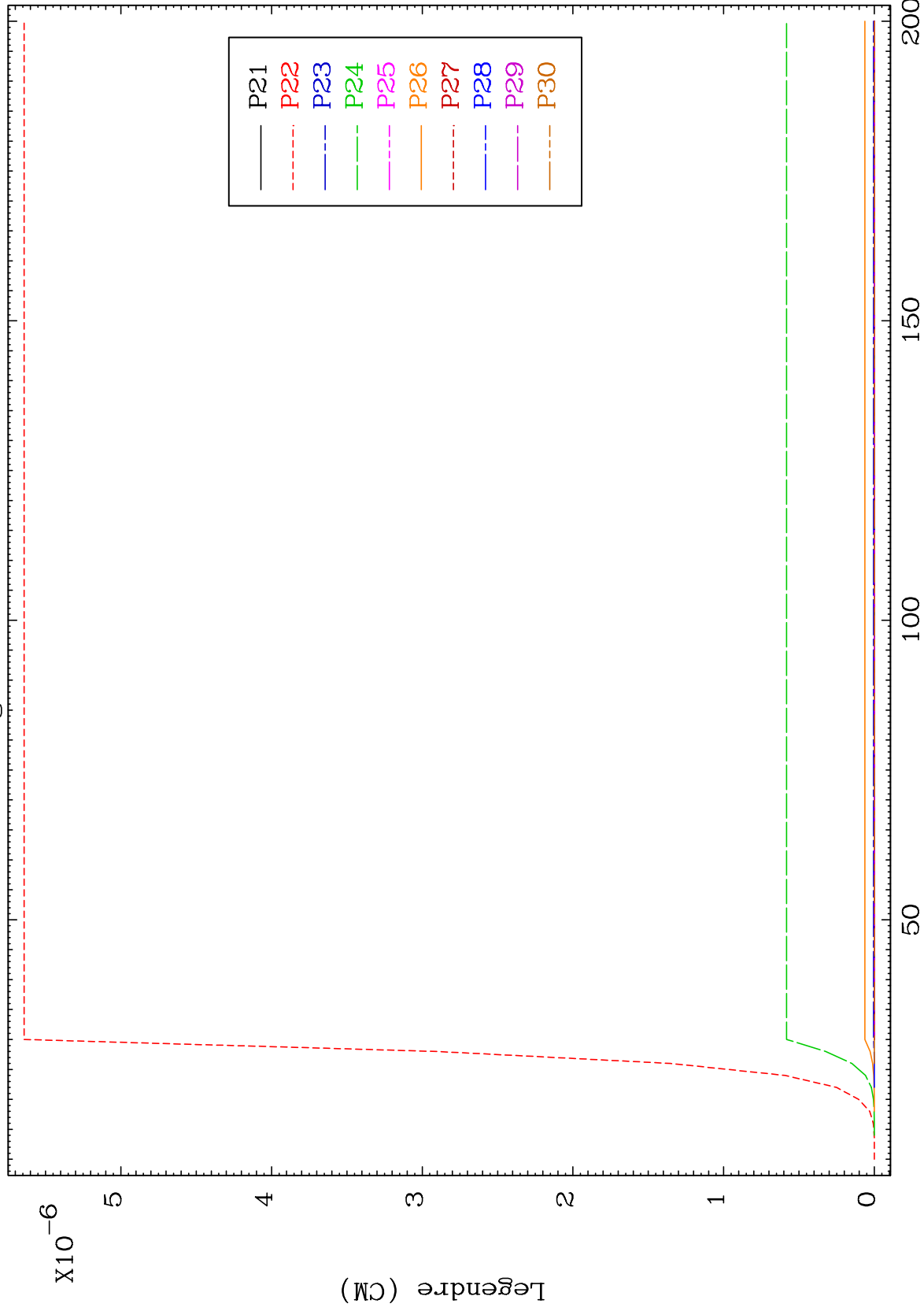
103



MAT 6331

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

63-Eu-153



104

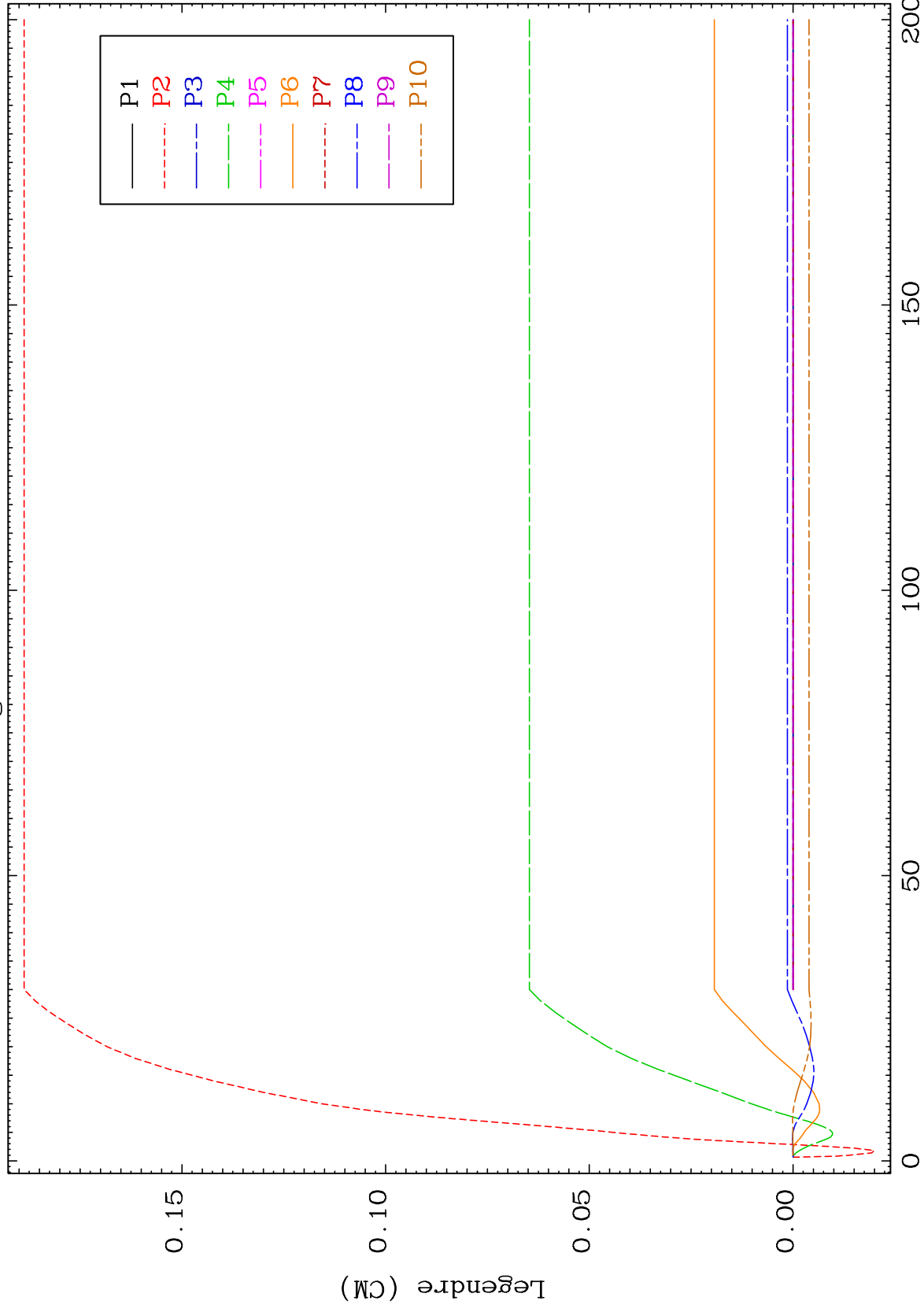
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



63-Eu-153

Incident Energy (MeV)

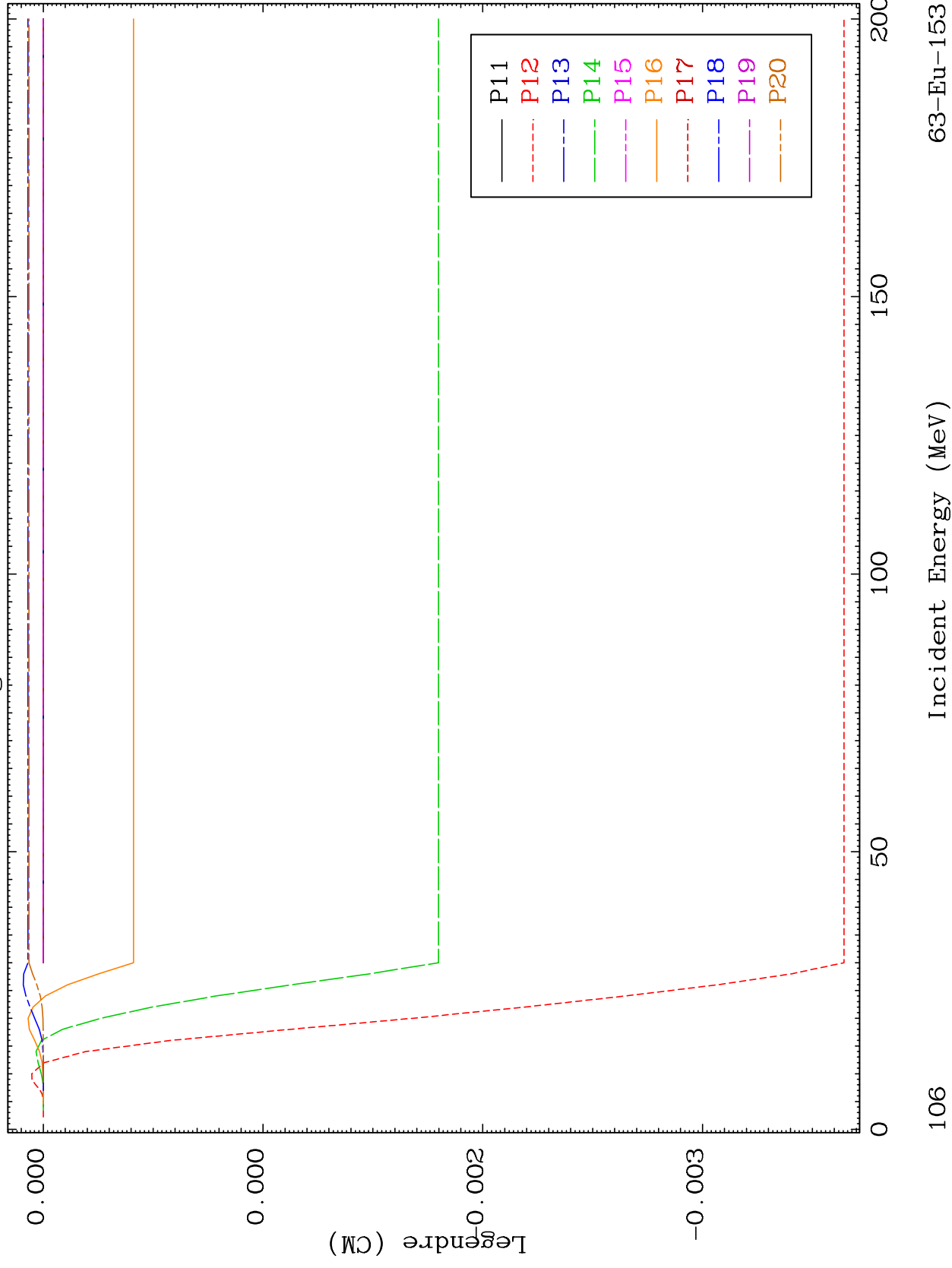
105

MAT 6331

MT= 74 (n,n') Level

63-Eu-153

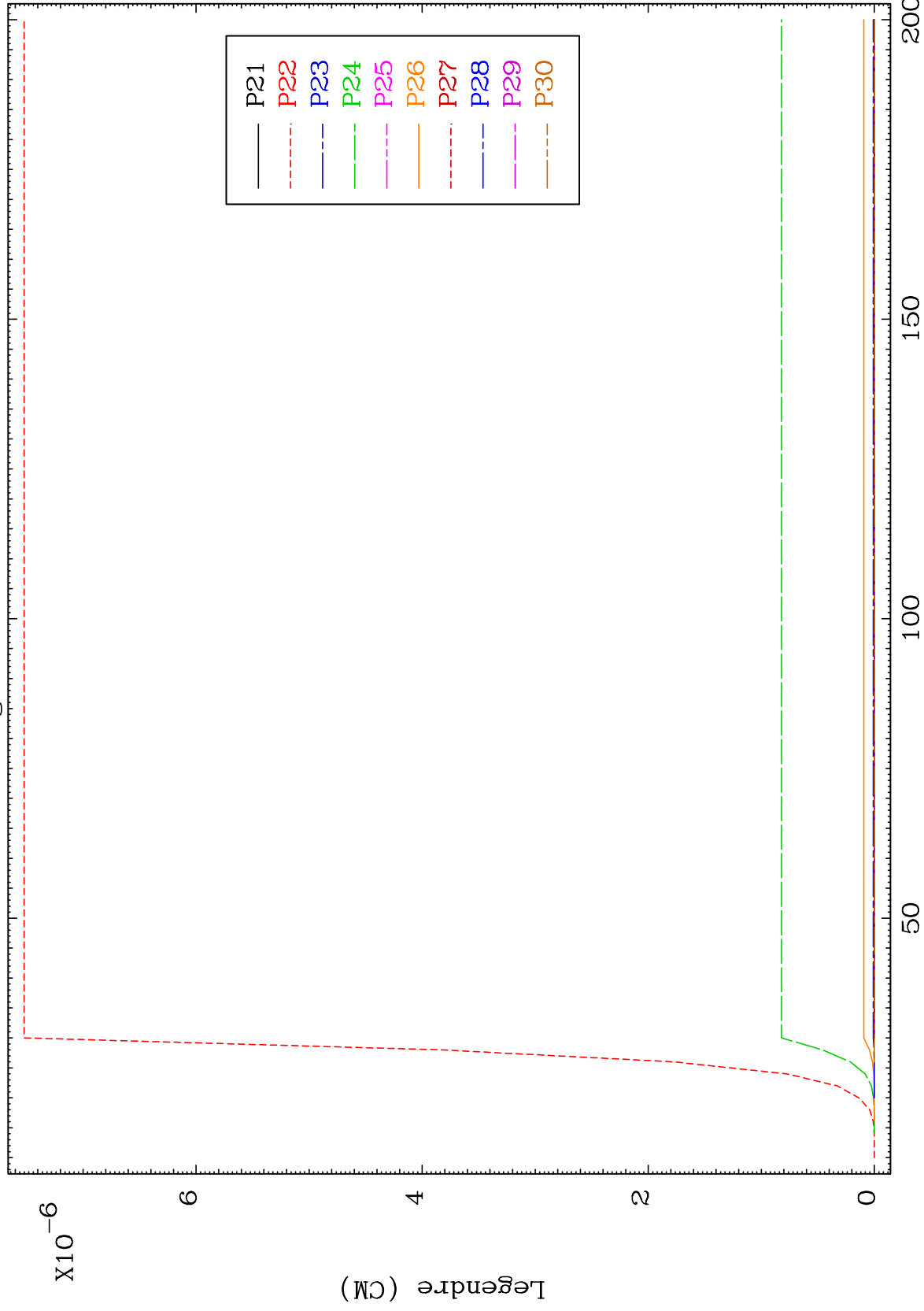
Legendre Coefficients



MAT 6331

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

63-Eu-153



107

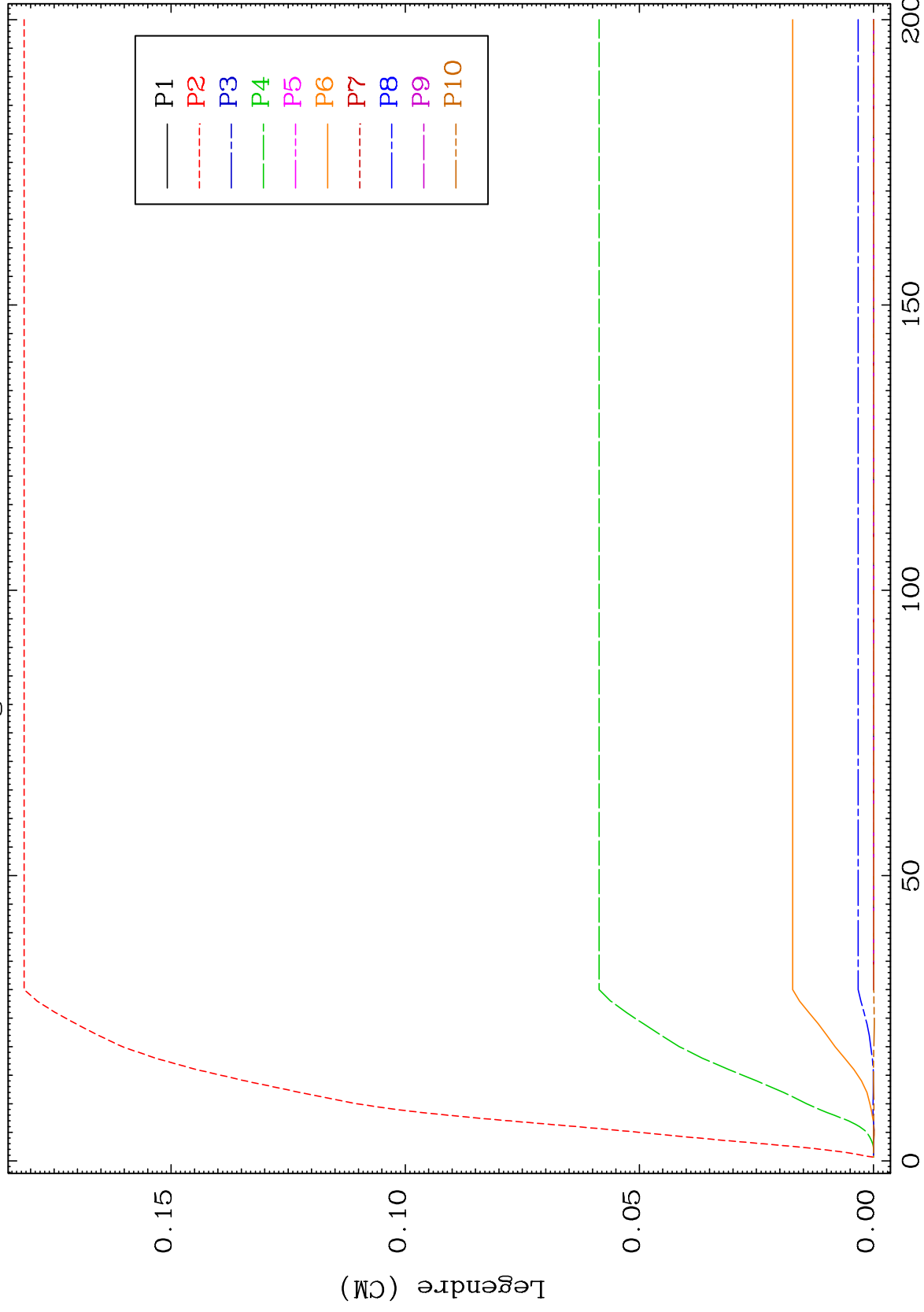
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



0

50

100

150

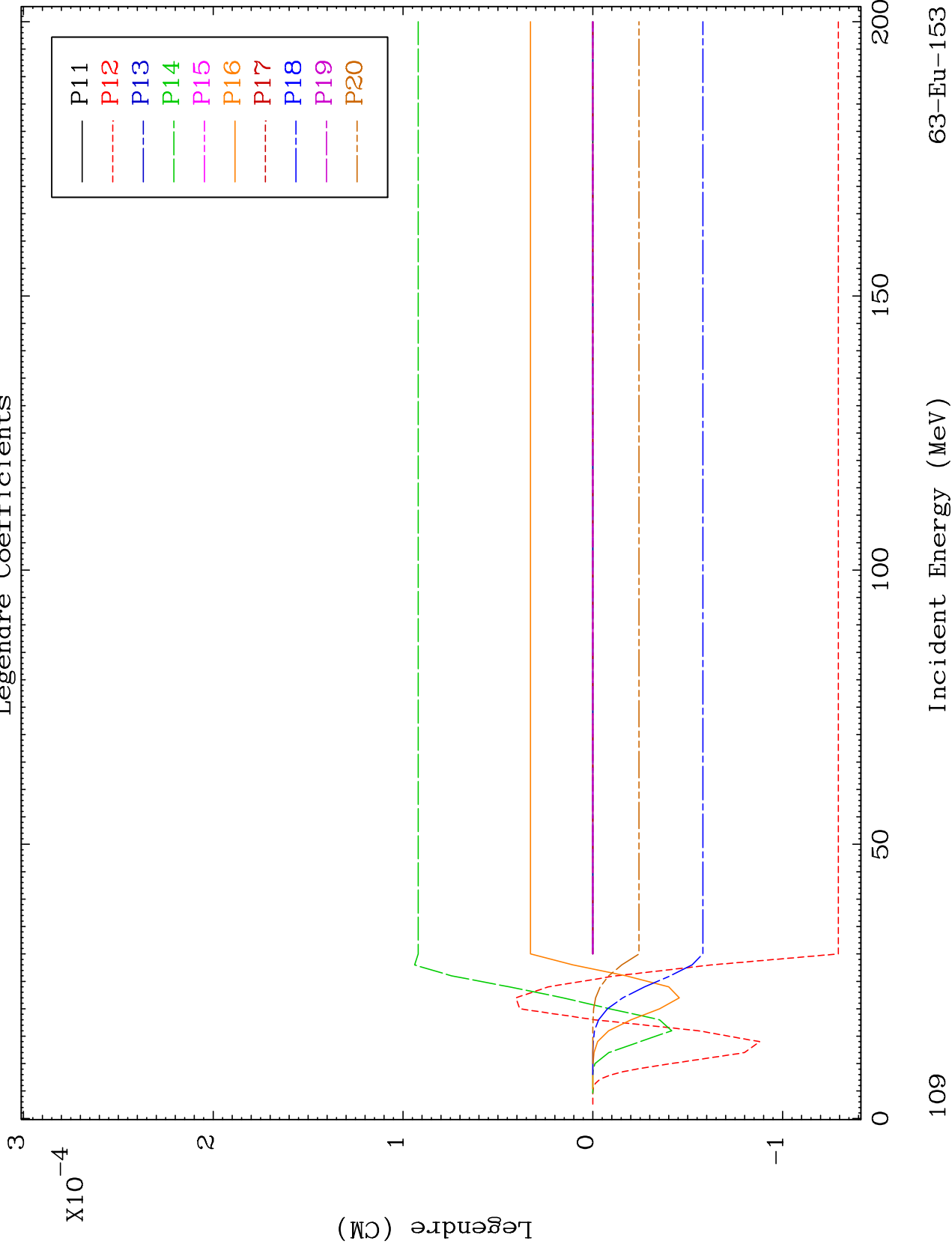
200

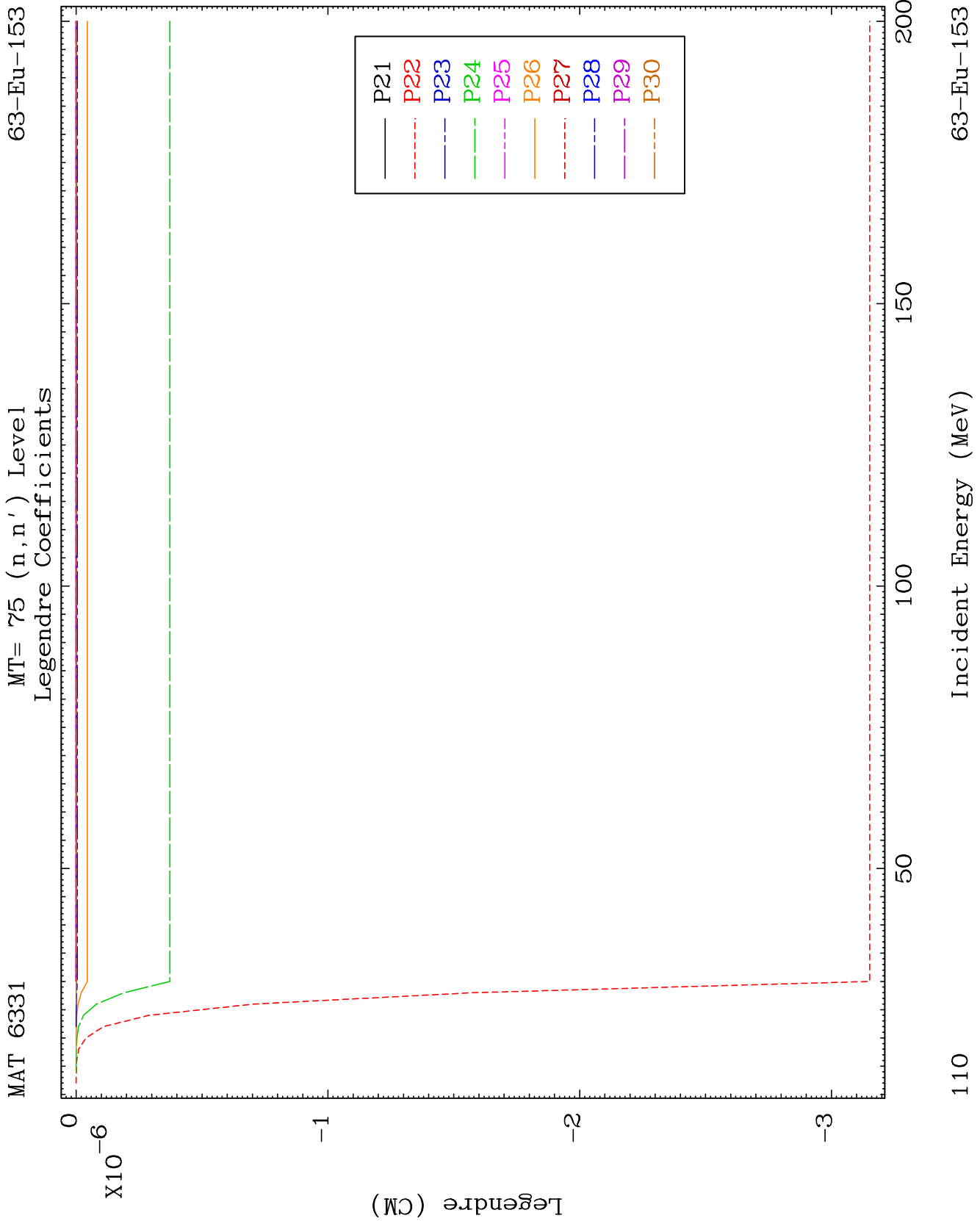
63-Eu-153

MAT 6331

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

63-Eu-153

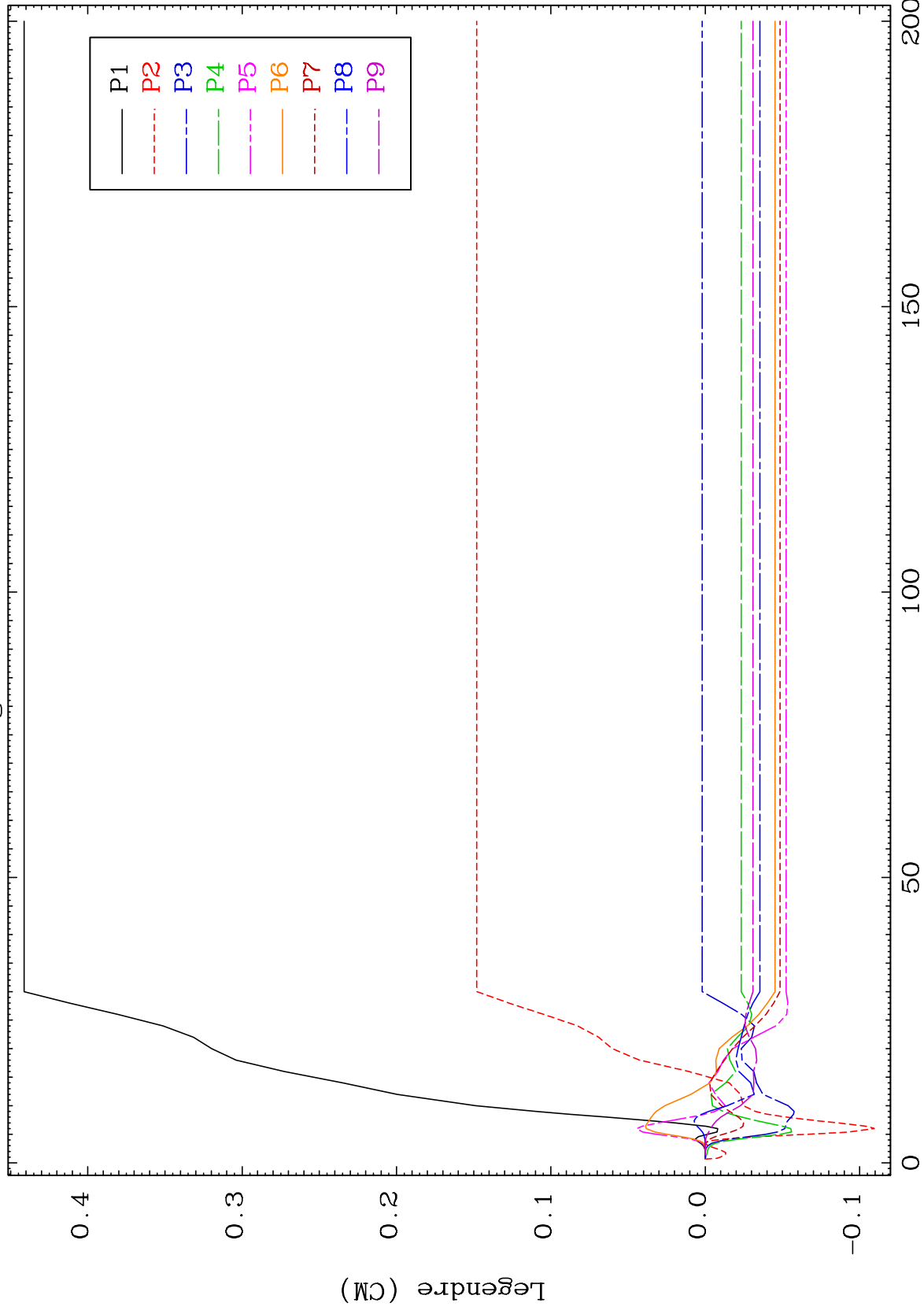




MAT 6331

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

63-Eu-153



111

Incident Energy (MeV)

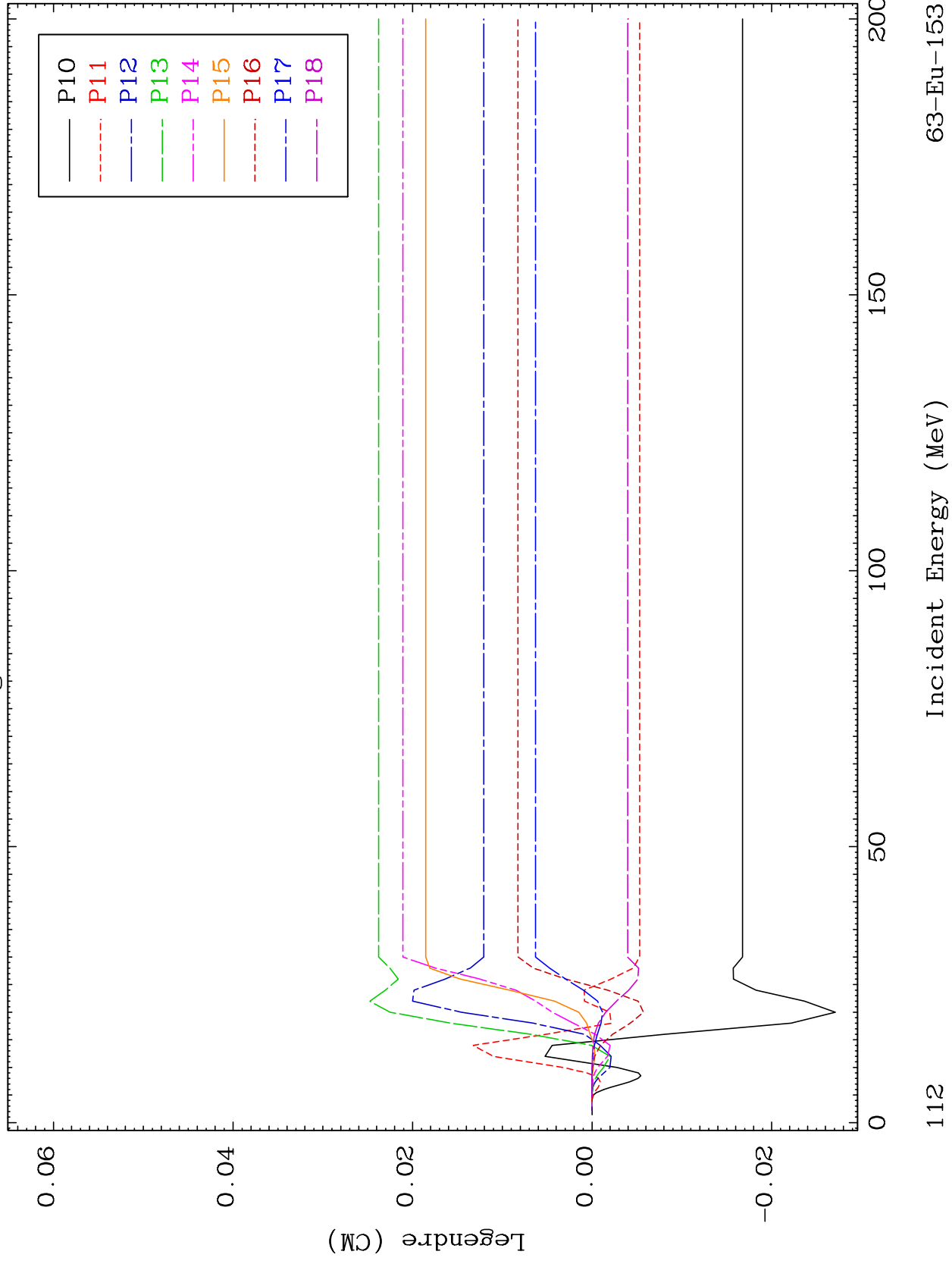
63-Eu-153



MAT 6331

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

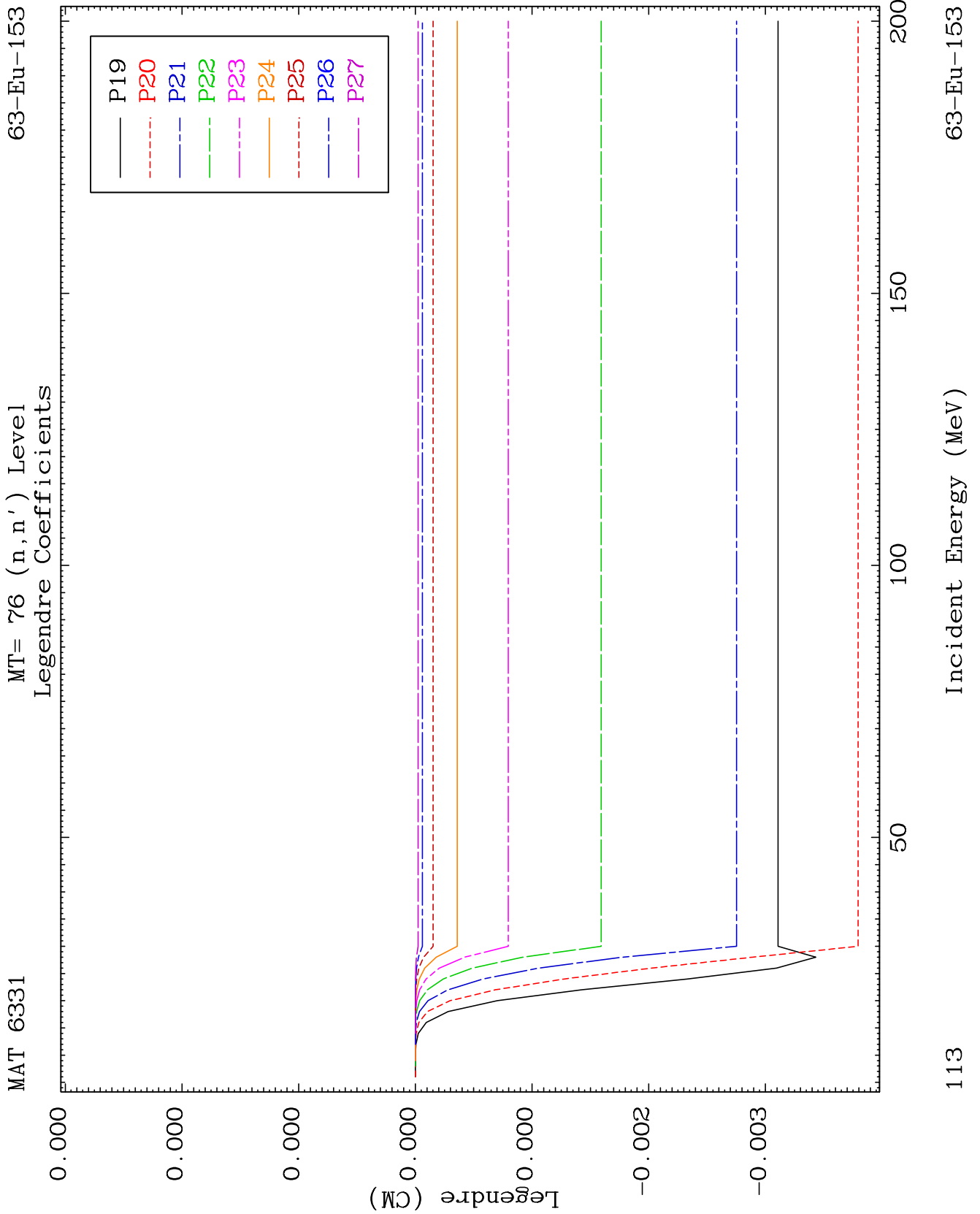
63-Eu-153



63-Eu-153

Incident Energy (MeV)

112

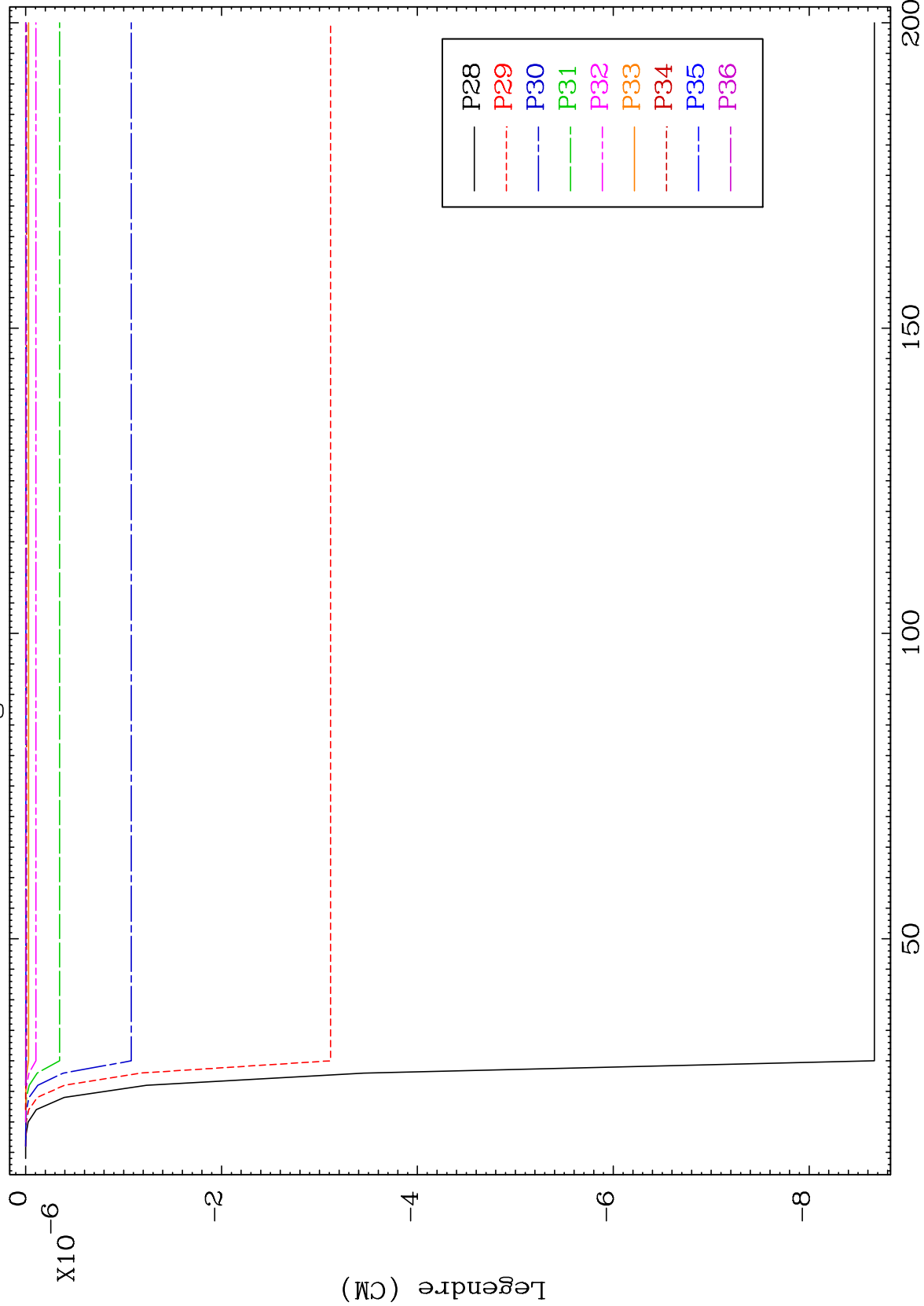


MAT 6331

MT= 76 (n,n') Level

63-Eu-153

Legendre Coefficients



63-Eu-153

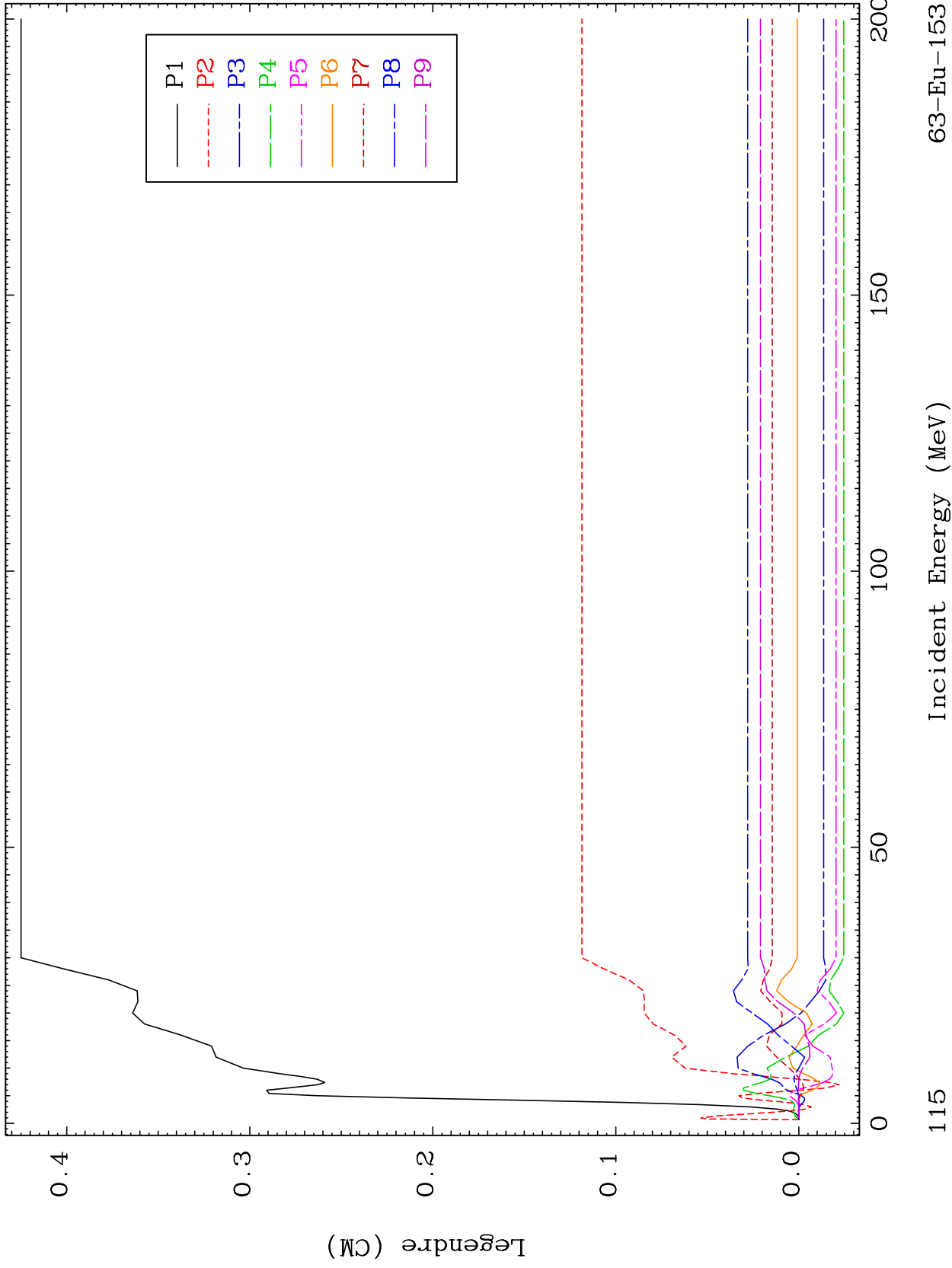
Incident Energy (MeV)

114

MAT 6331

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

63-Eu-153

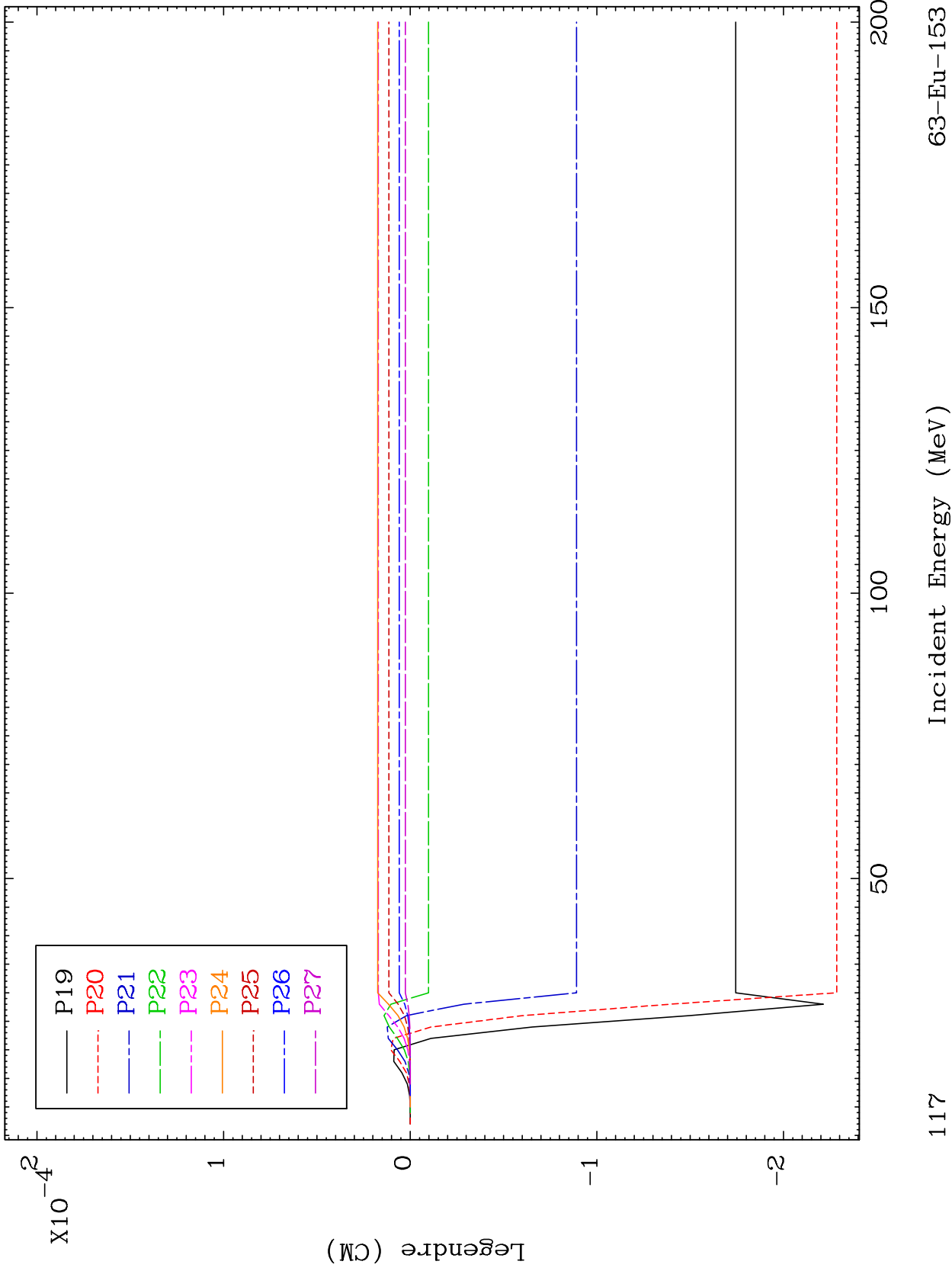


63-Eu-153

Incident Energy (MeV)

115

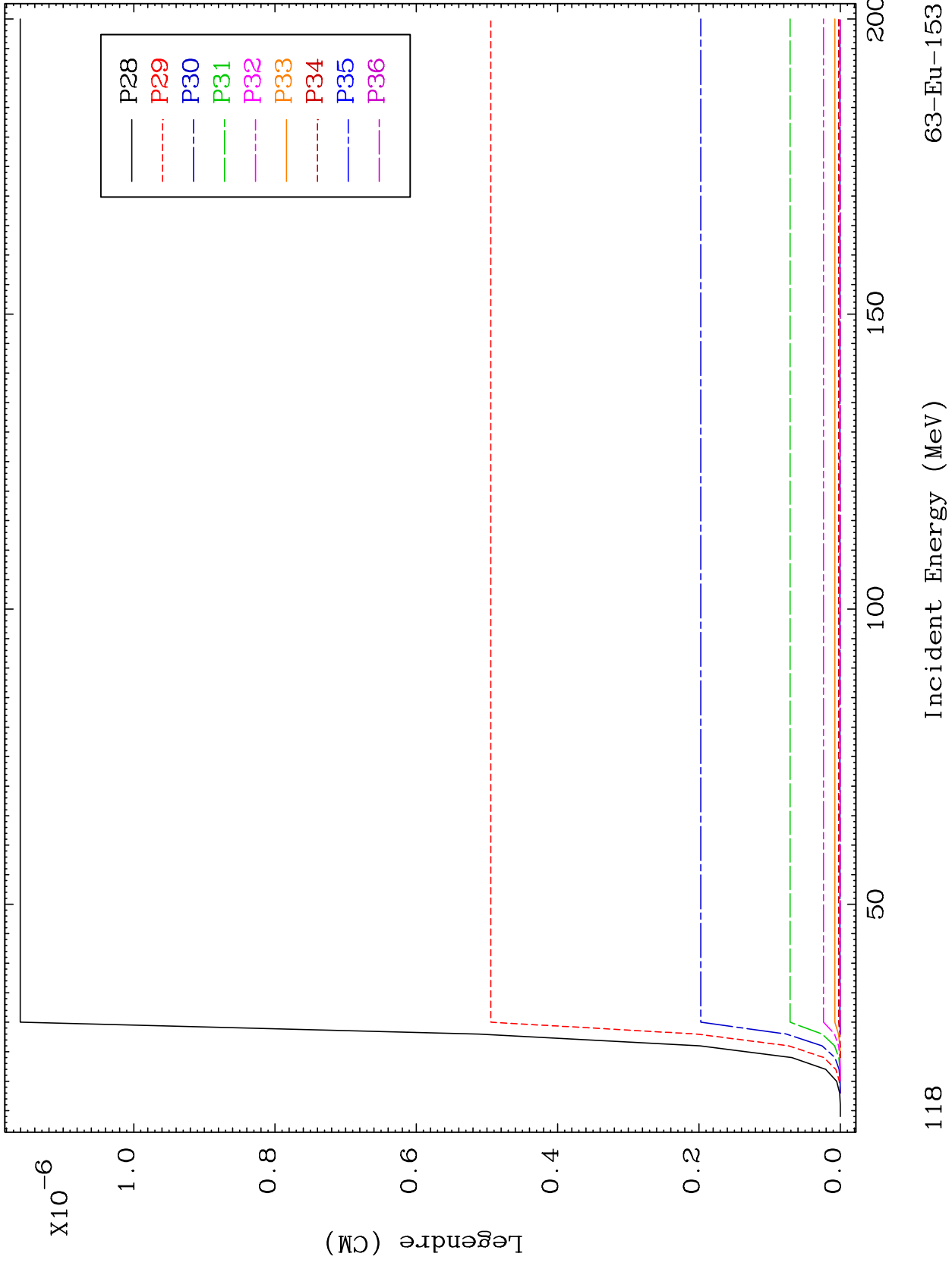




MAT 6331

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

63-Eu-153



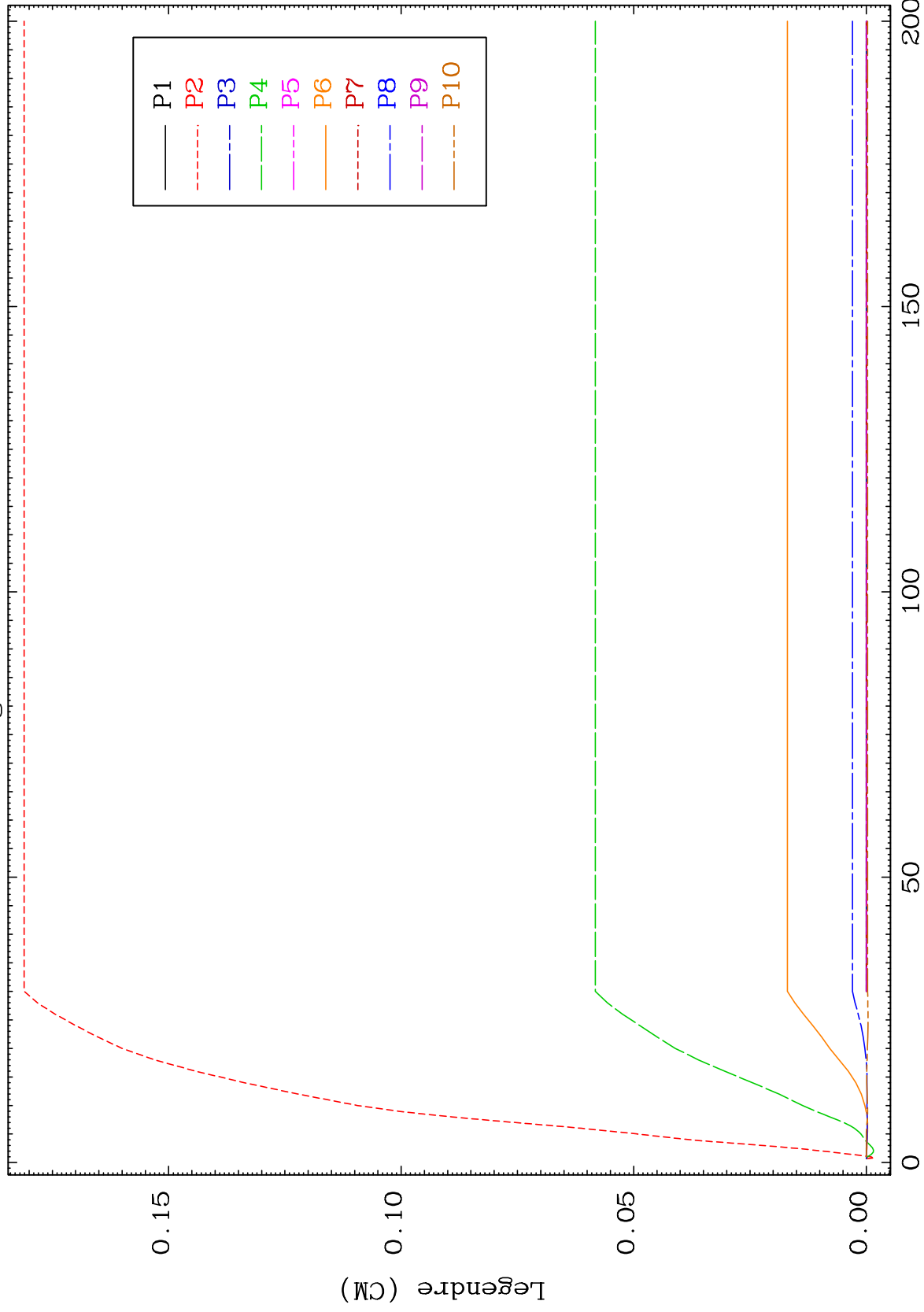
118

63-Eu-153

MAT 6331

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

63-Eu-153



119

Incident Energy (MeV)

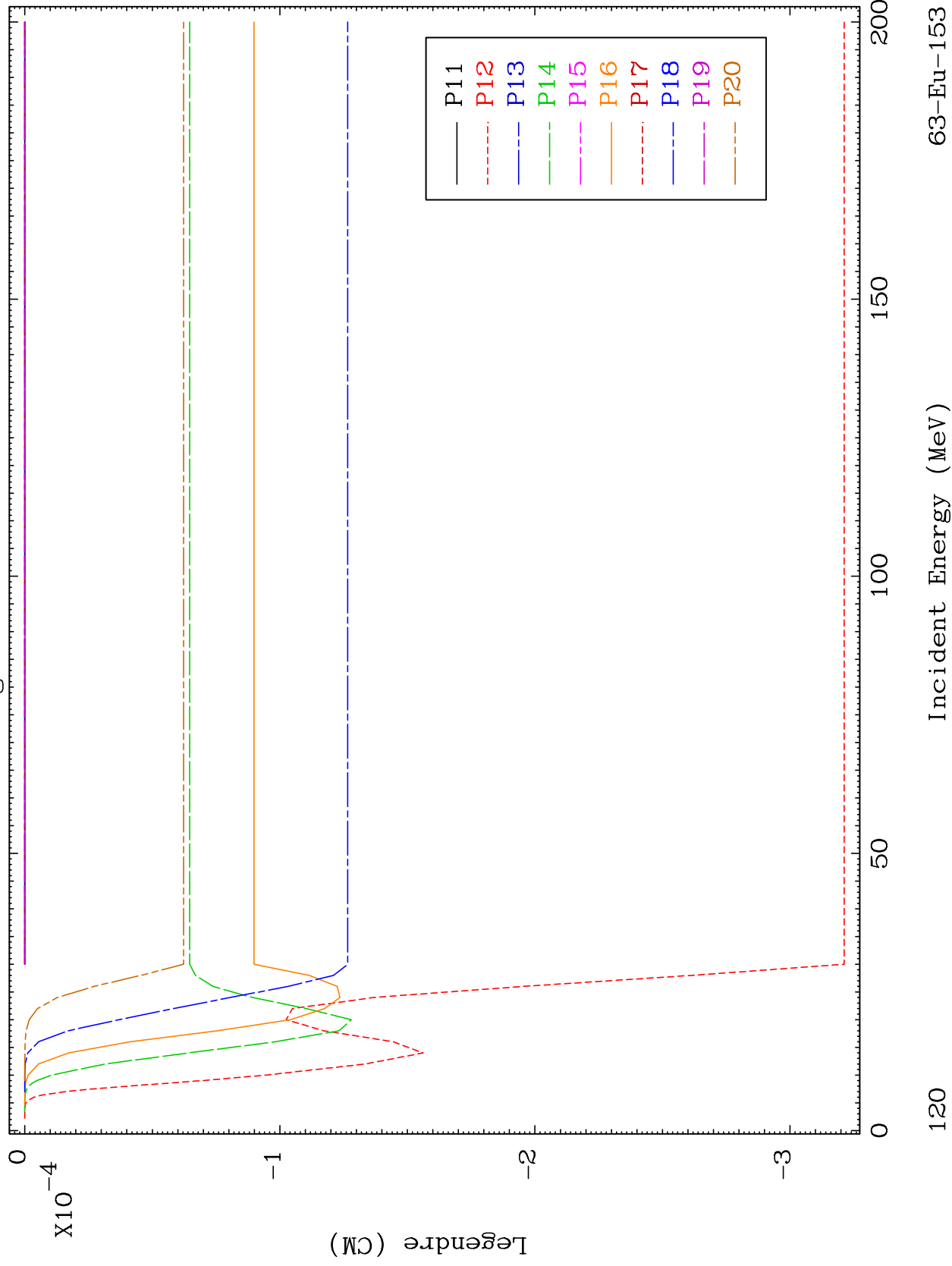
63-Eu-153



MAT 6331

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

63-Eu-153



63-Eu-153

Incident Energy (MeV)

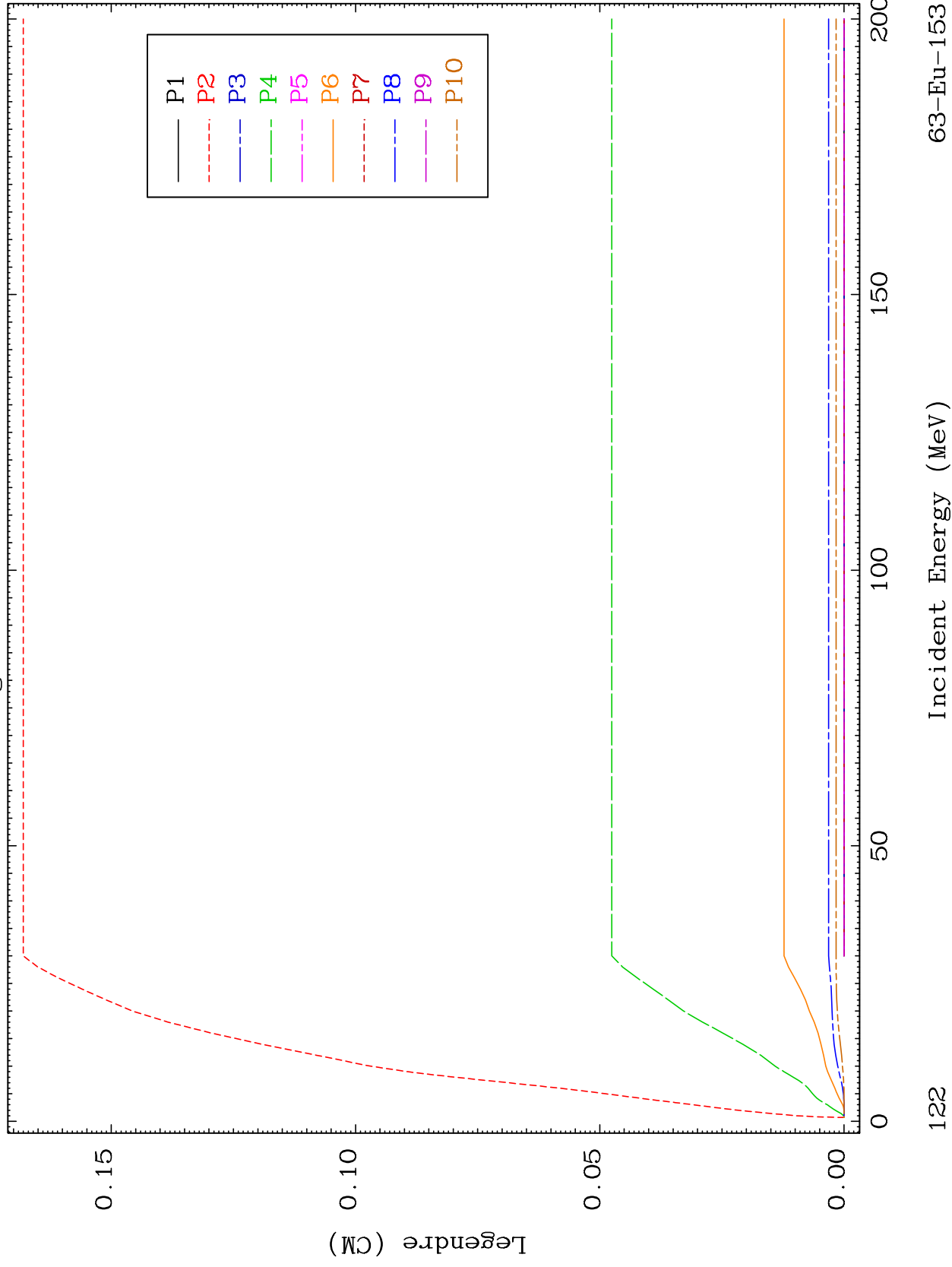
0



MAT 6331

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

63-Eu-153



63-Eu-153

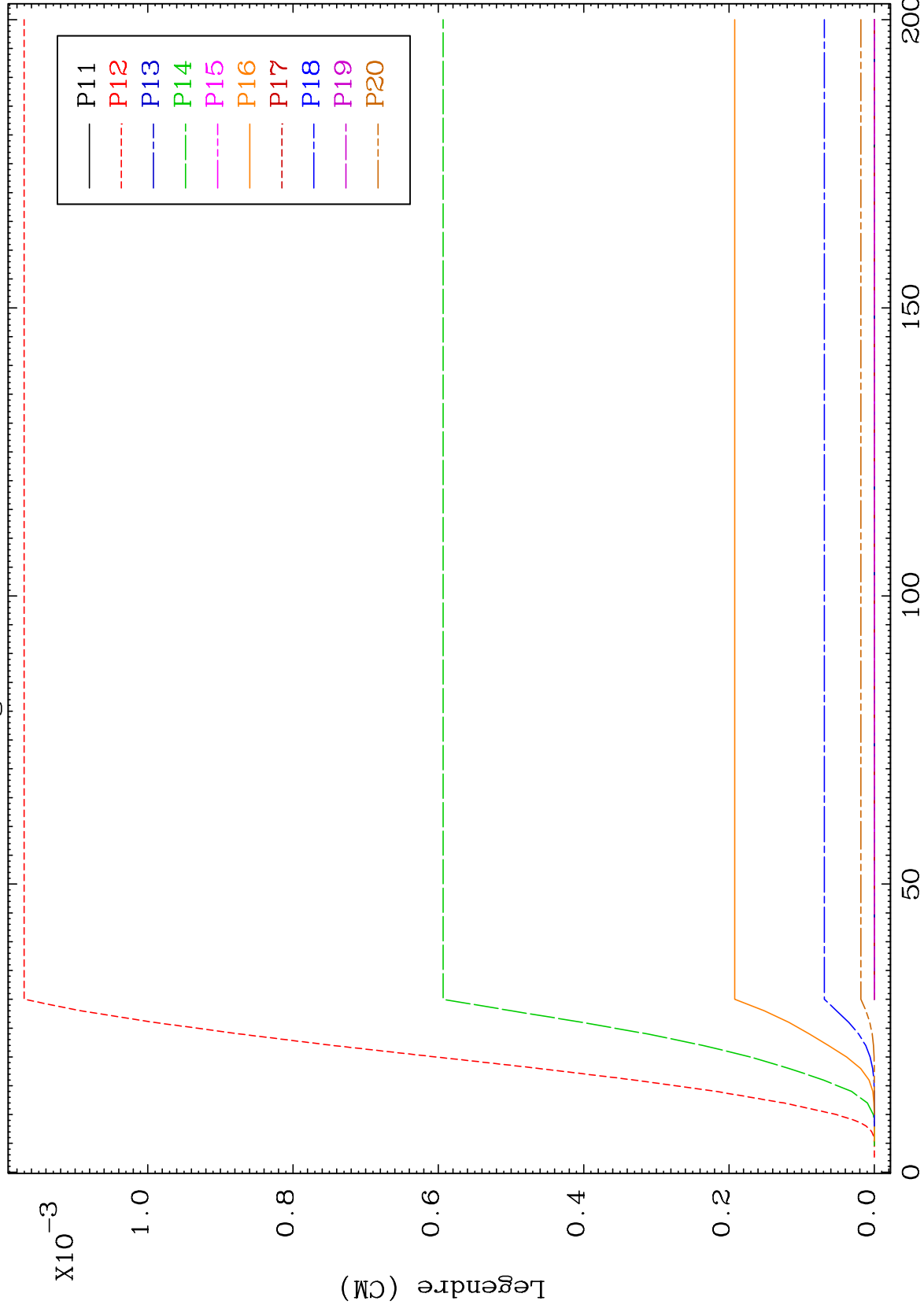
Incident Energy (MeV)

122

MAT 6331

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

63-Eu-153



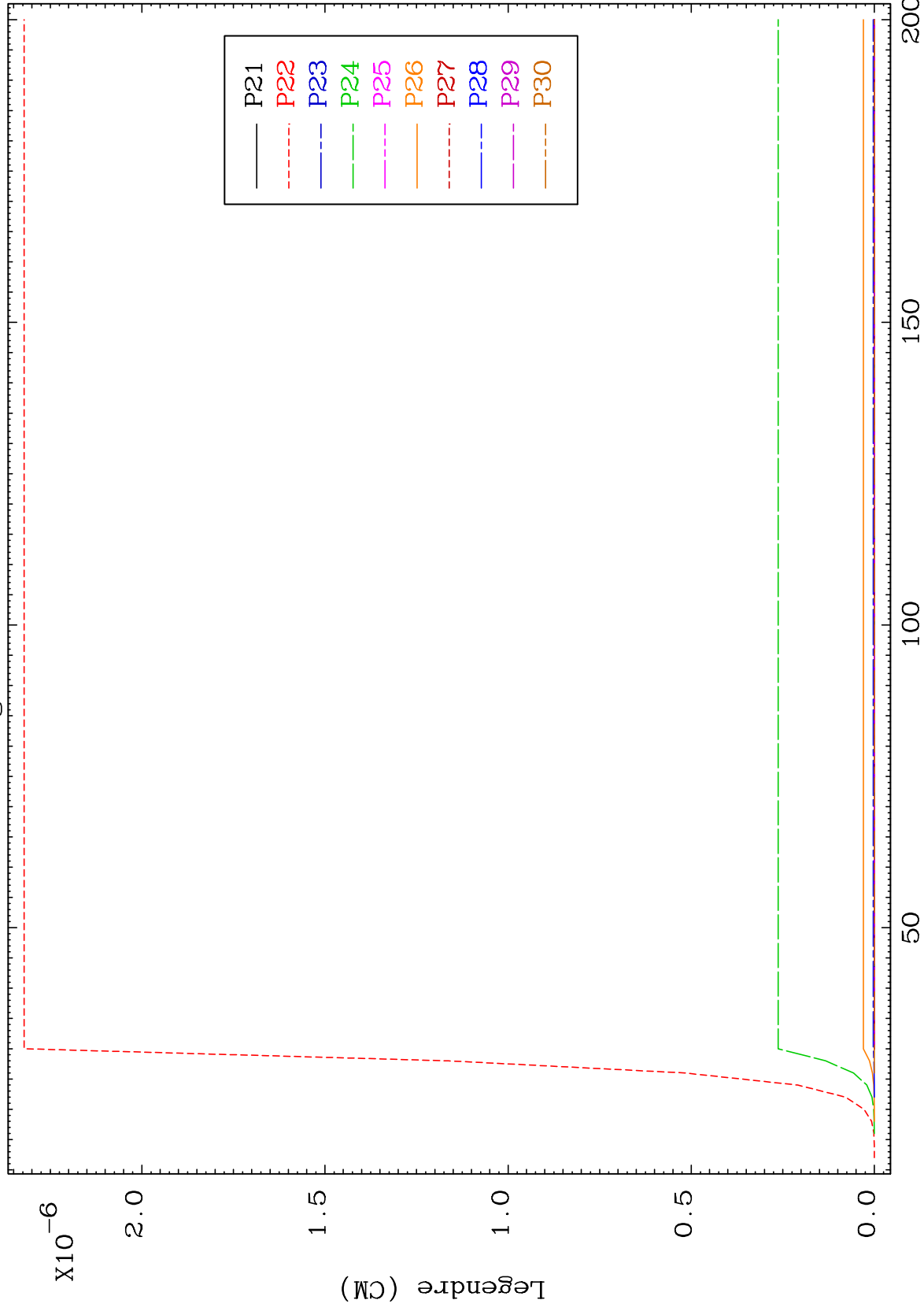
123

63-Eu-153

MAT 6331

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

63-Eu-153



124

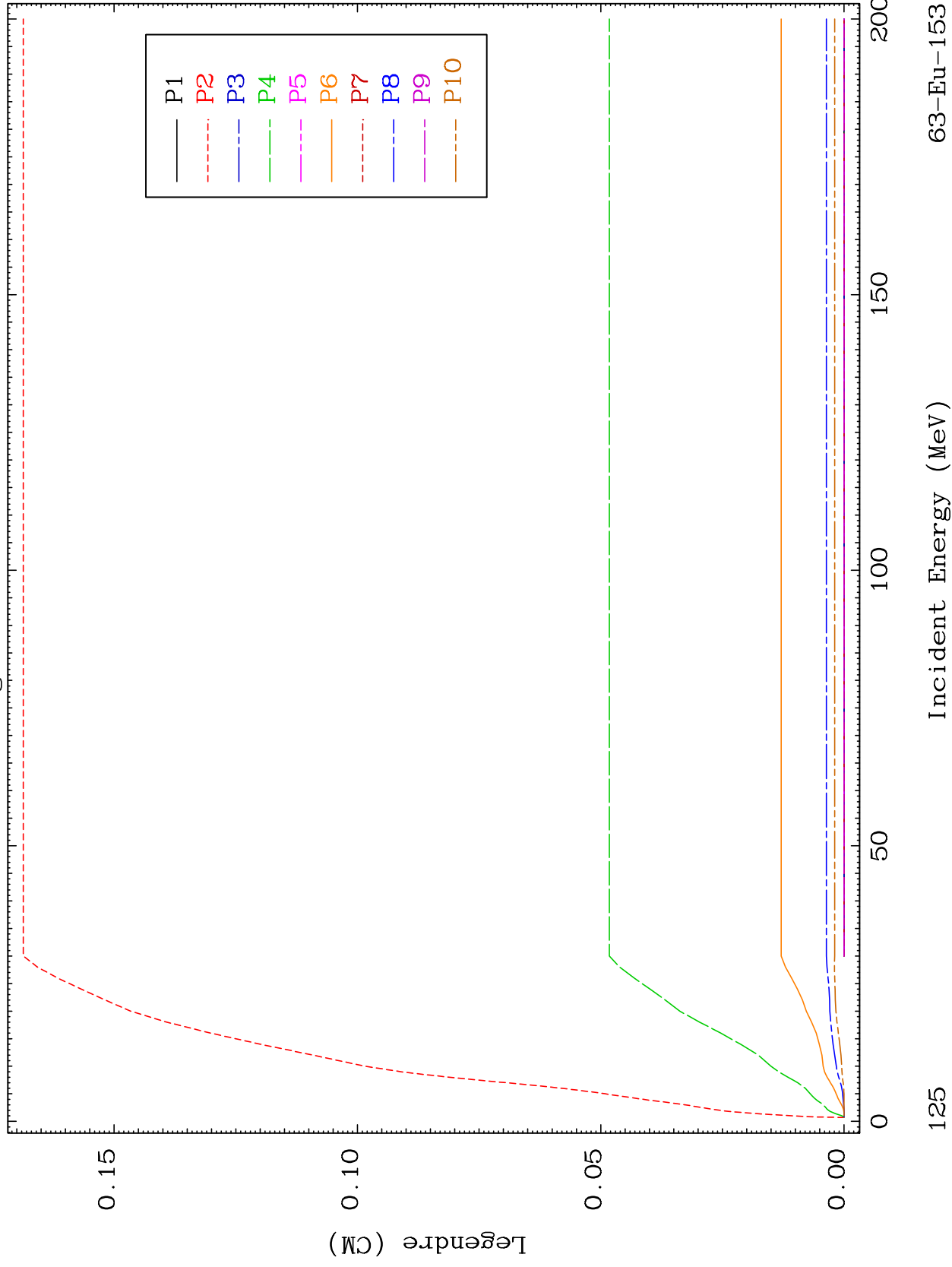
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

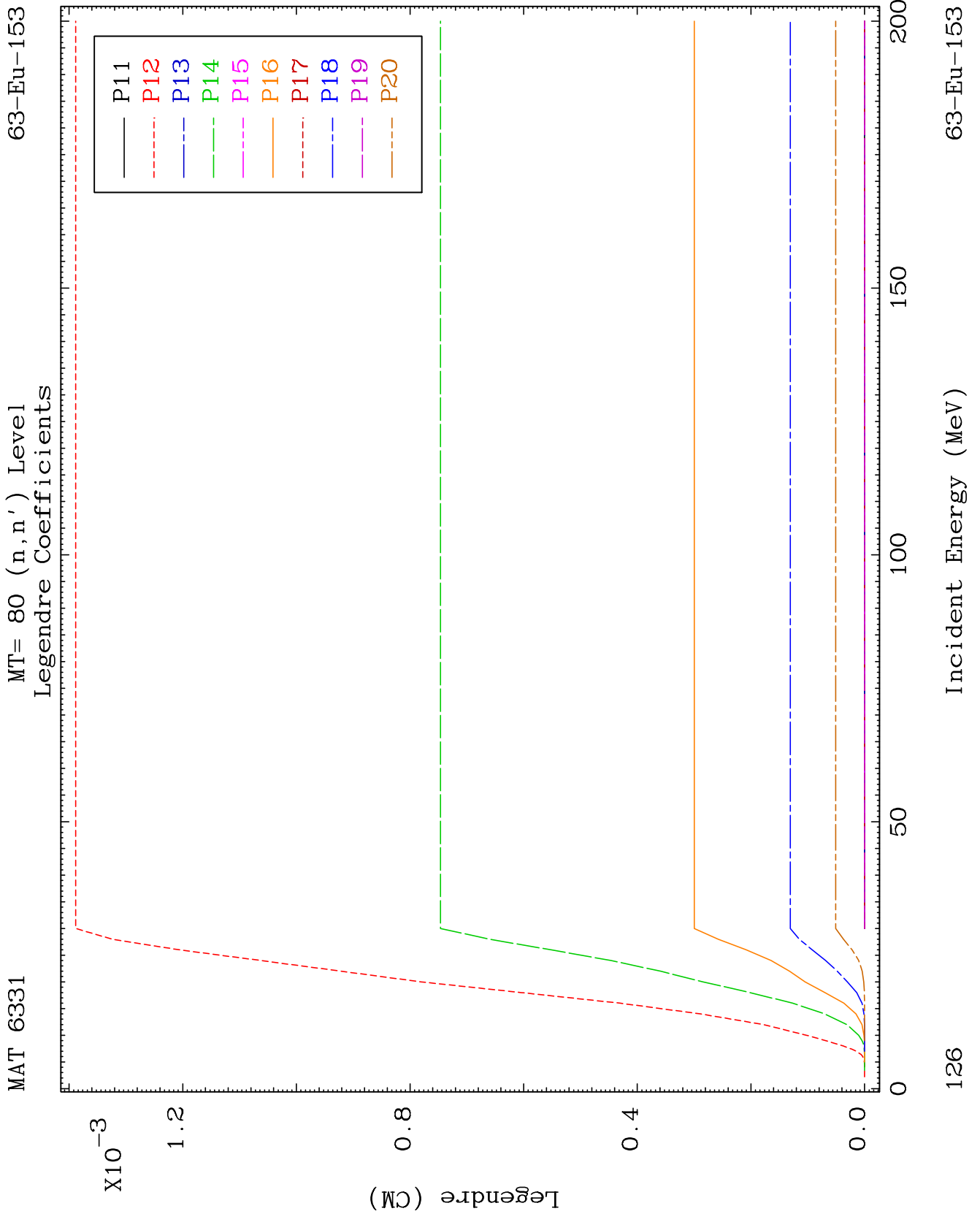
63-Eu-153



63-Eu-153

Incident Energy (MeV)

125



63-Eu-153

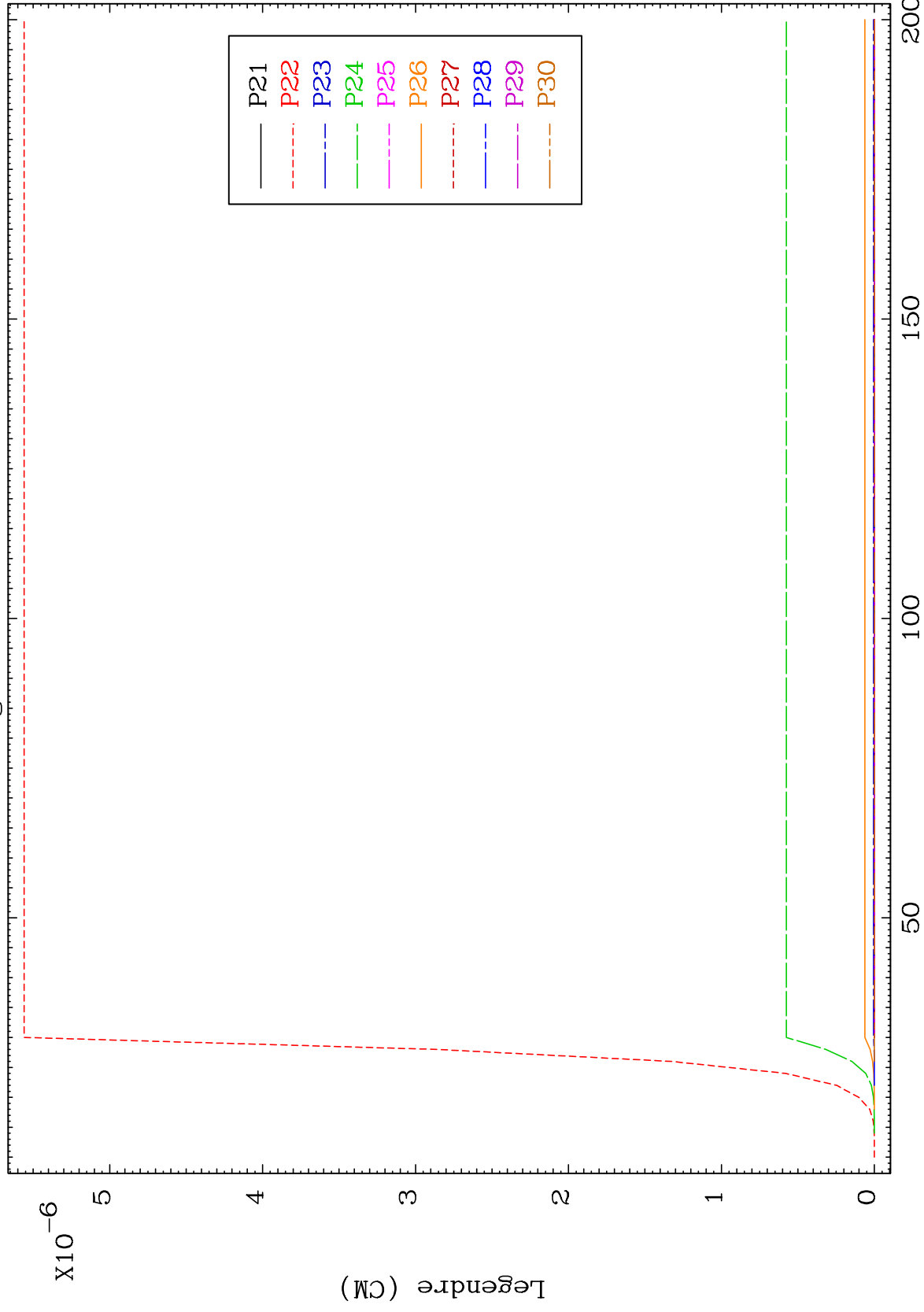
63-Eu-153

126

MAT 6331

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

63-Eu-153



127

Incident Energy (MeV)

63-Eu-153

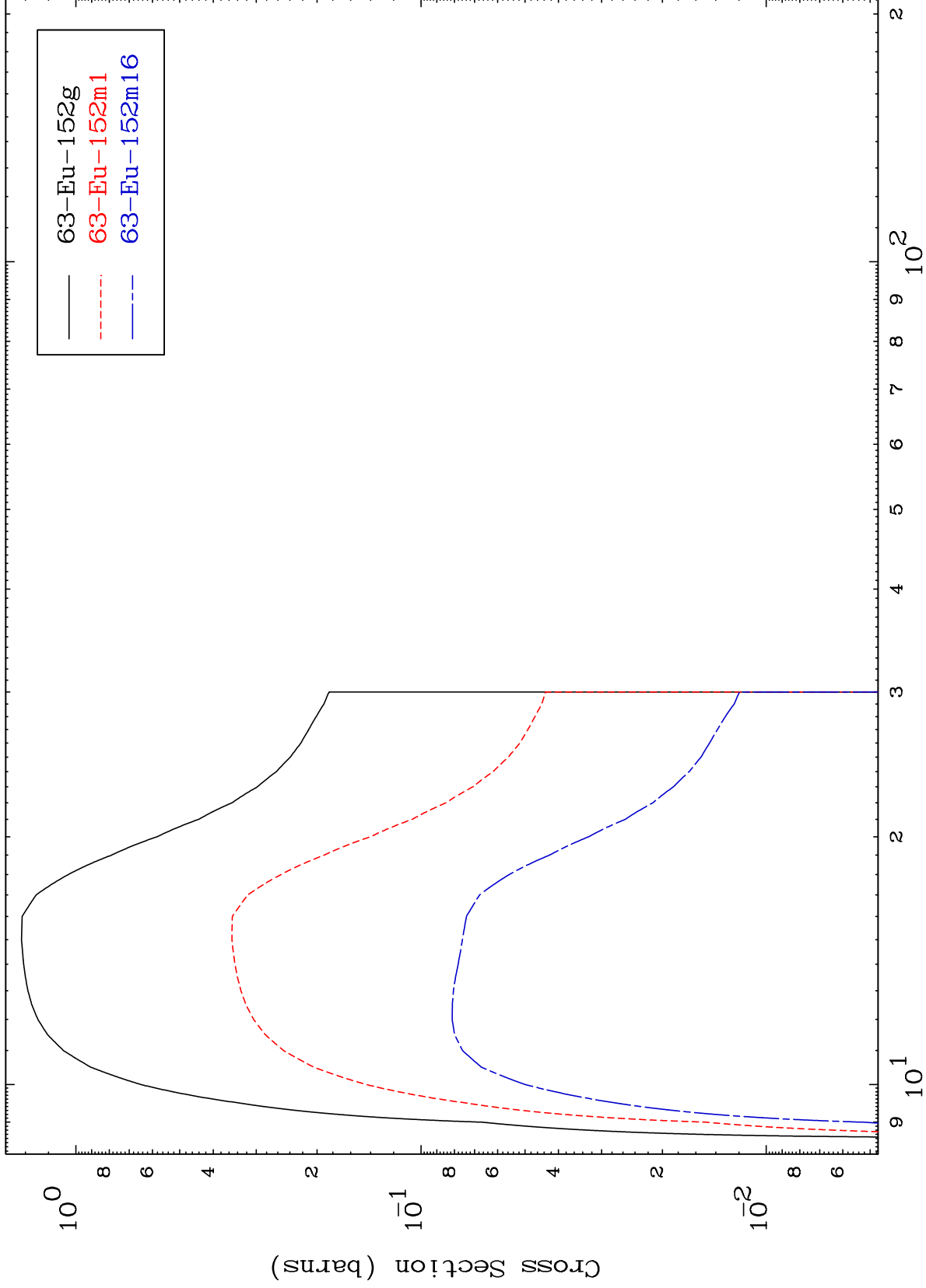


MAT 6331

(n,2n)

63-Eu-153

Radionuclide Production Cross Section



128

Incident Energy (MeV)

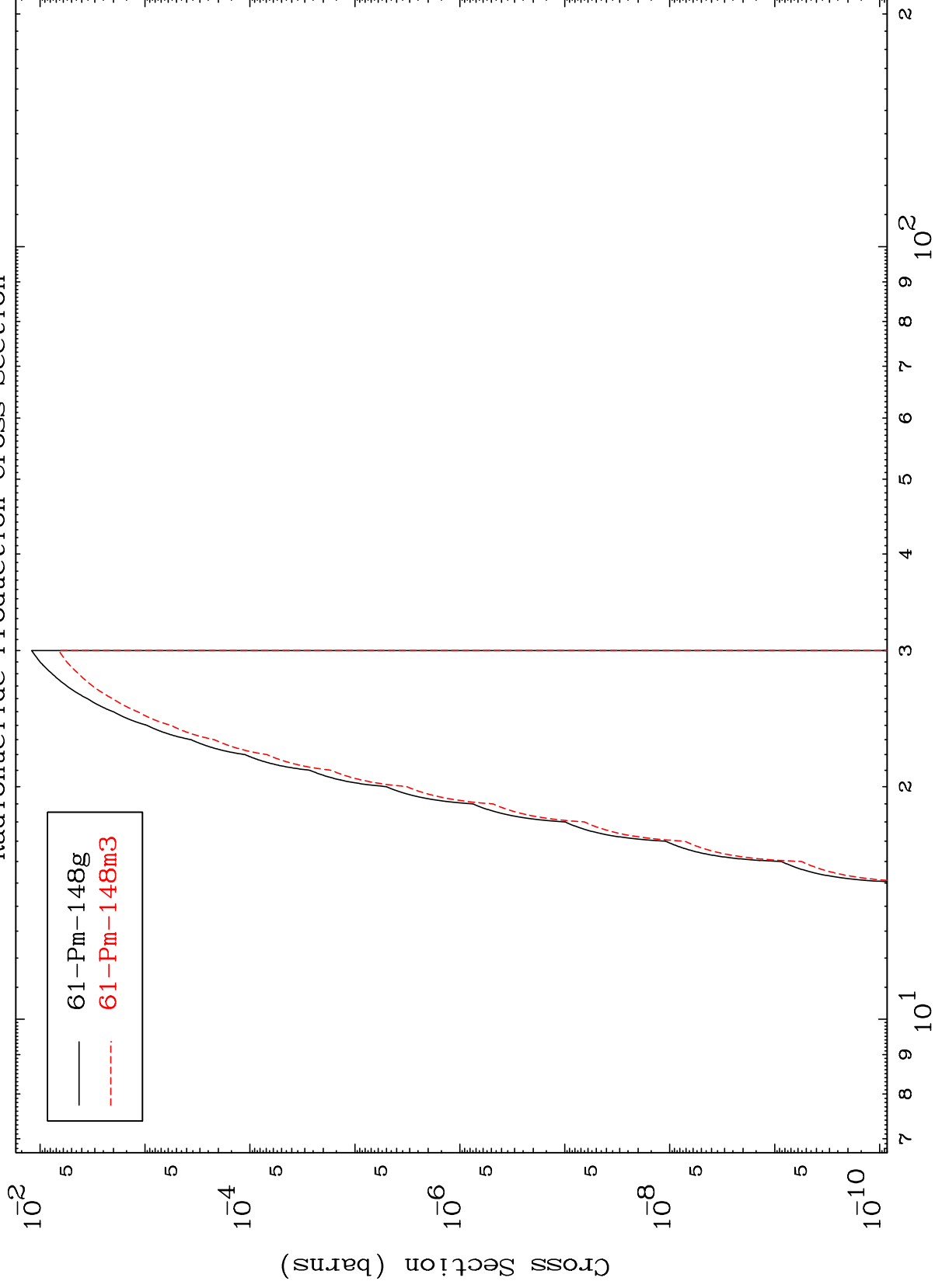
63-Eu-153

MAT 6331

(n,2n)  $\alpha$

63-Eu-153

Radionuclide Production Cross Section



129

Incident Energy (MeV)

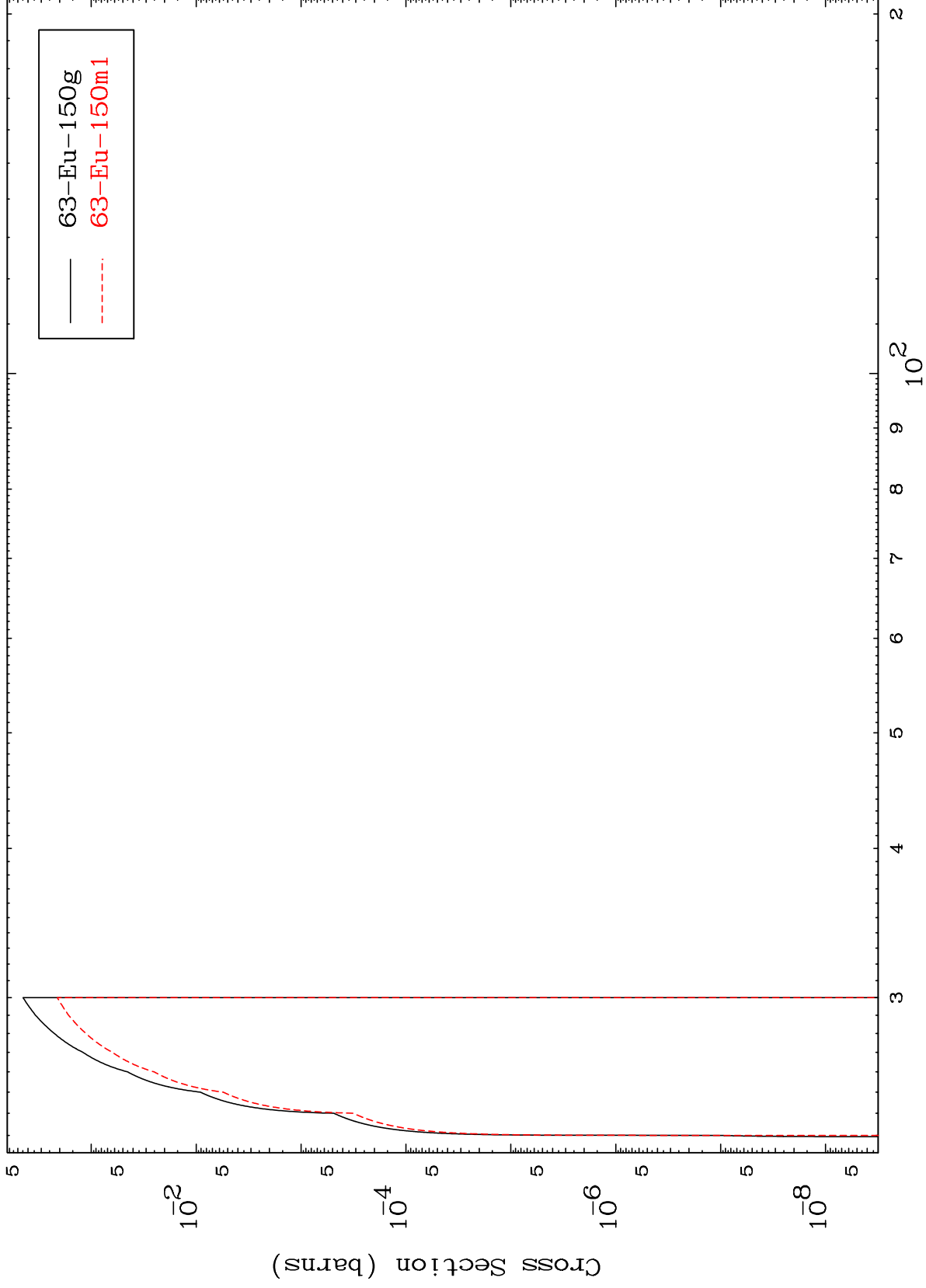
63-Eu-153

MAT 6331

(n,4n)

63-Eu-153

Radionuclide Production Cross Section



130

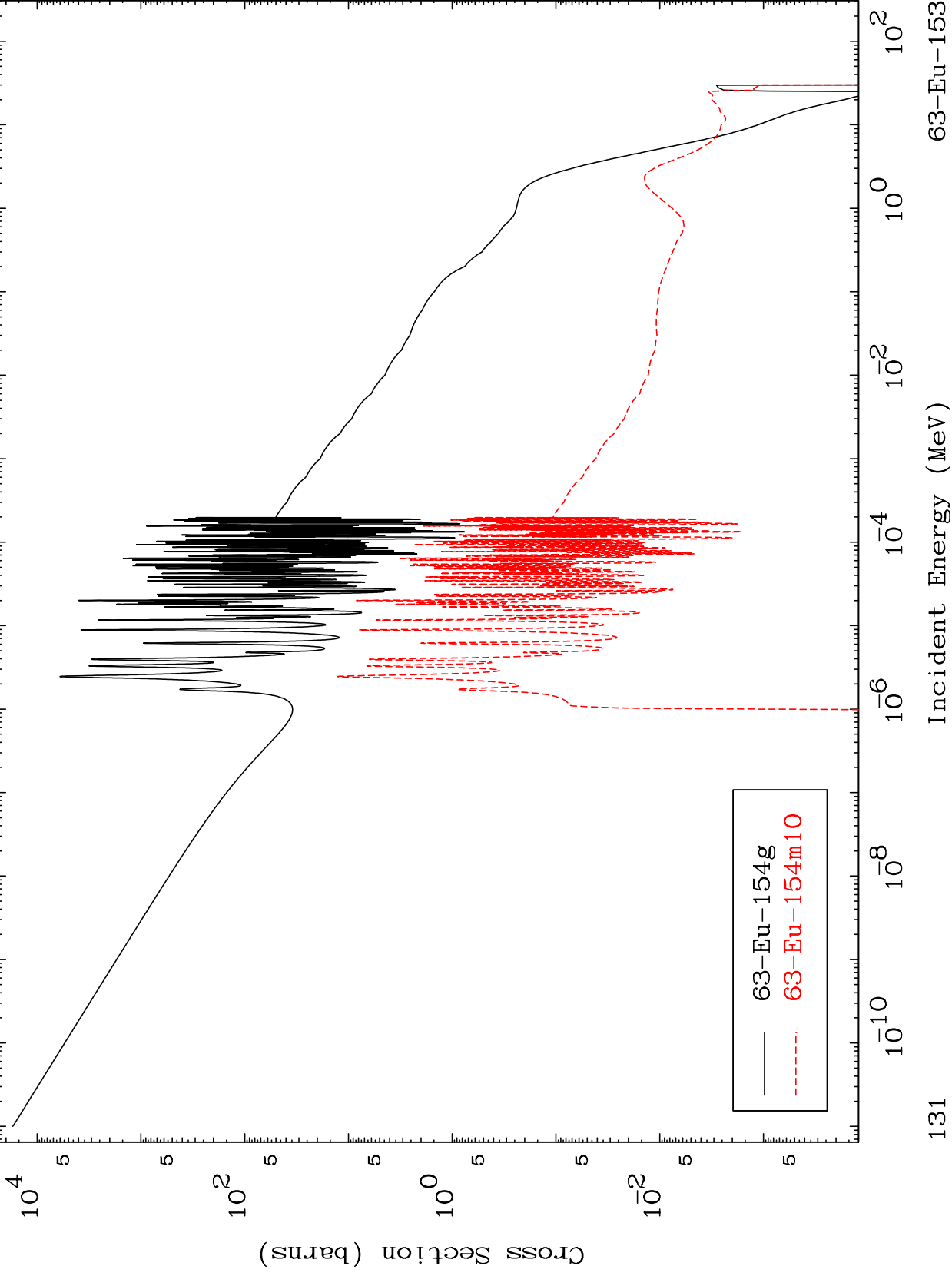
Incident Energy (MeV)

63-Eu-153

MAT 6331

63-Eu-153

$(n, \gamma)$   
Radionuclide Production Cross Section



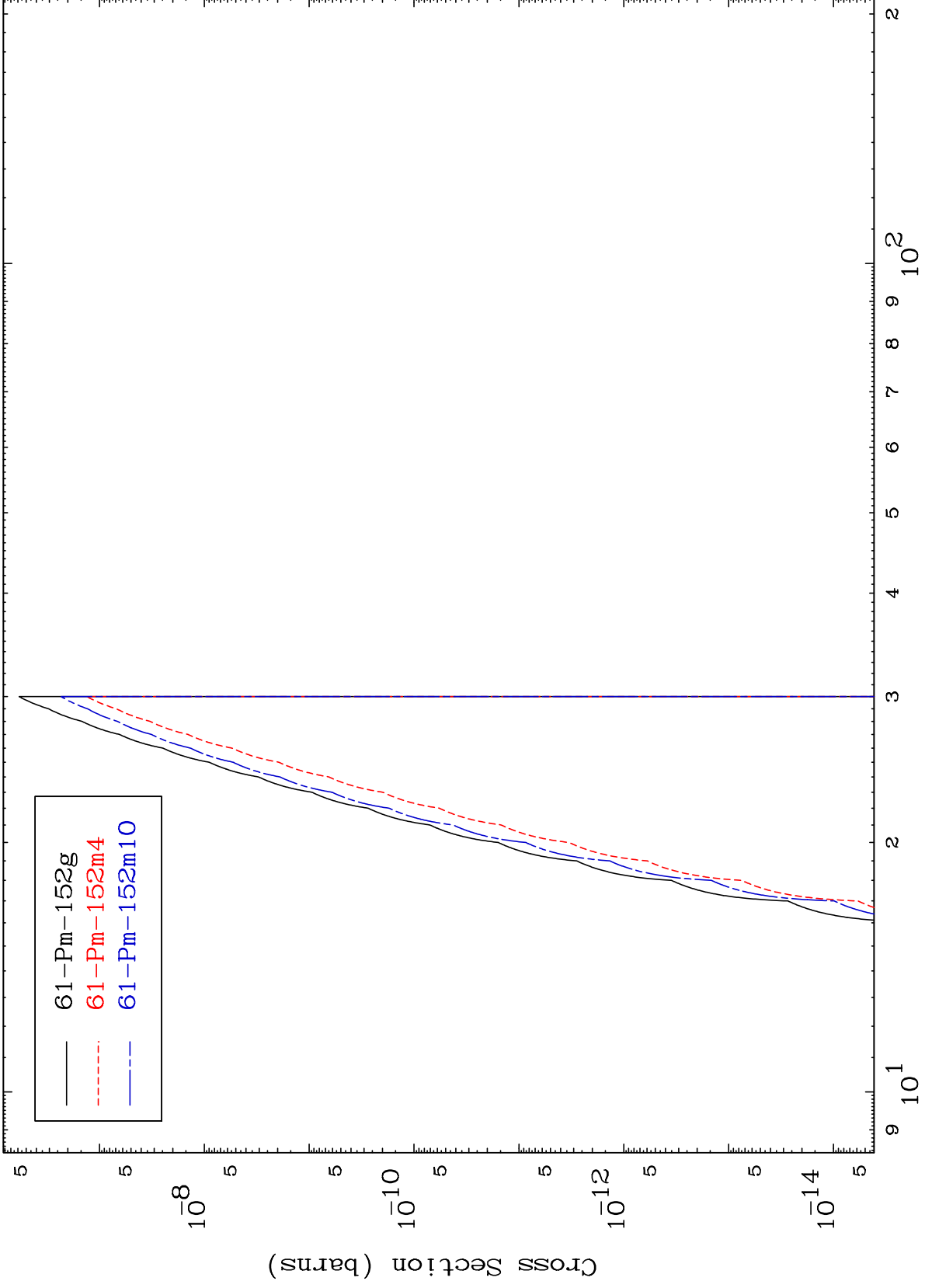
131

63-Eu-153

MAT 6331

63-Eu-153

(n,2p)  
Radionuclide Production Cross Section



63-Eu-153

Incident Energy (MeV)

132