

Program EVALPLOT
(Version 2015-2)

by

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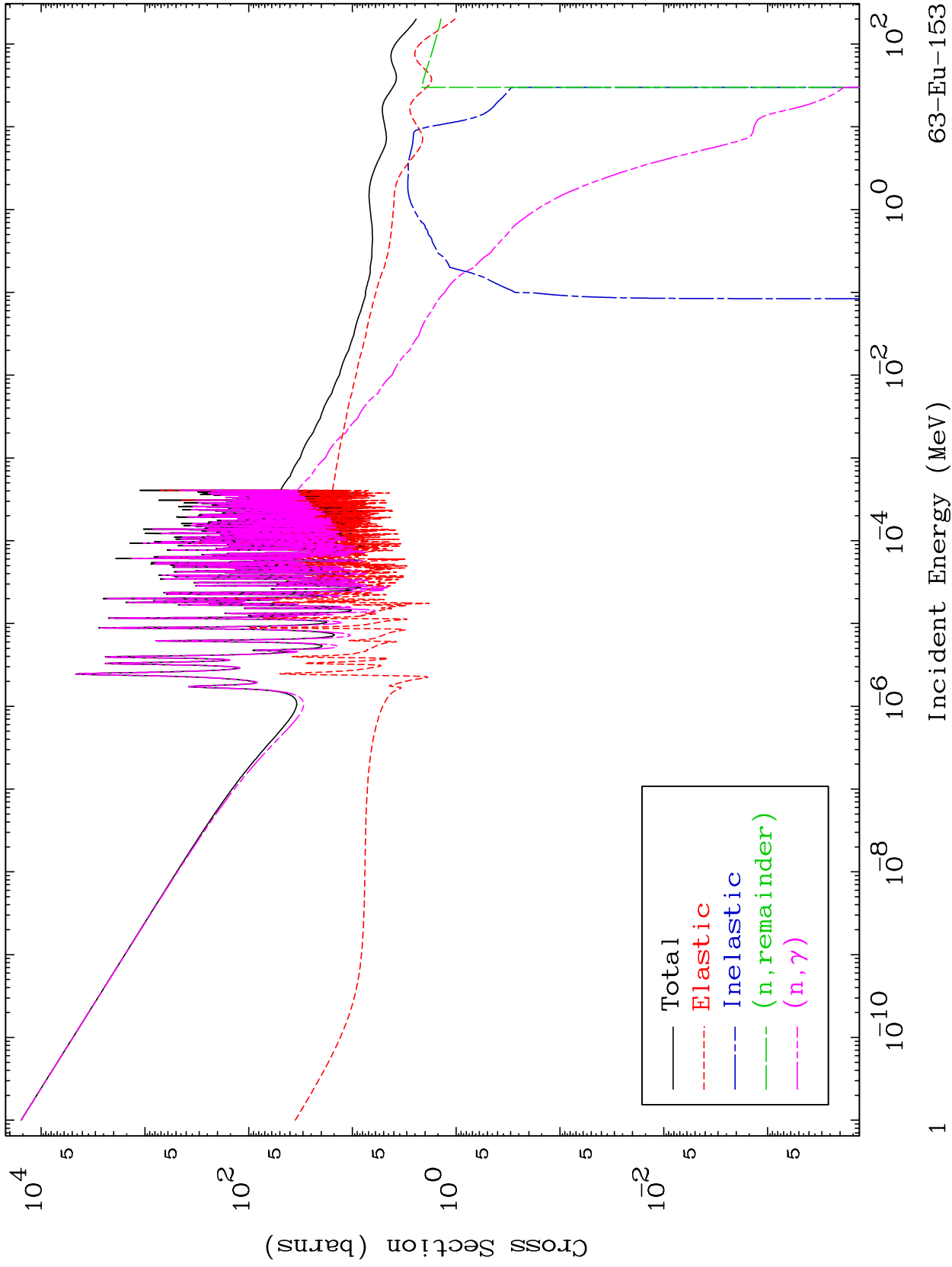
Press Mouse Button to Start

MAT 6331

Major

293 Kelvin Cross Sections

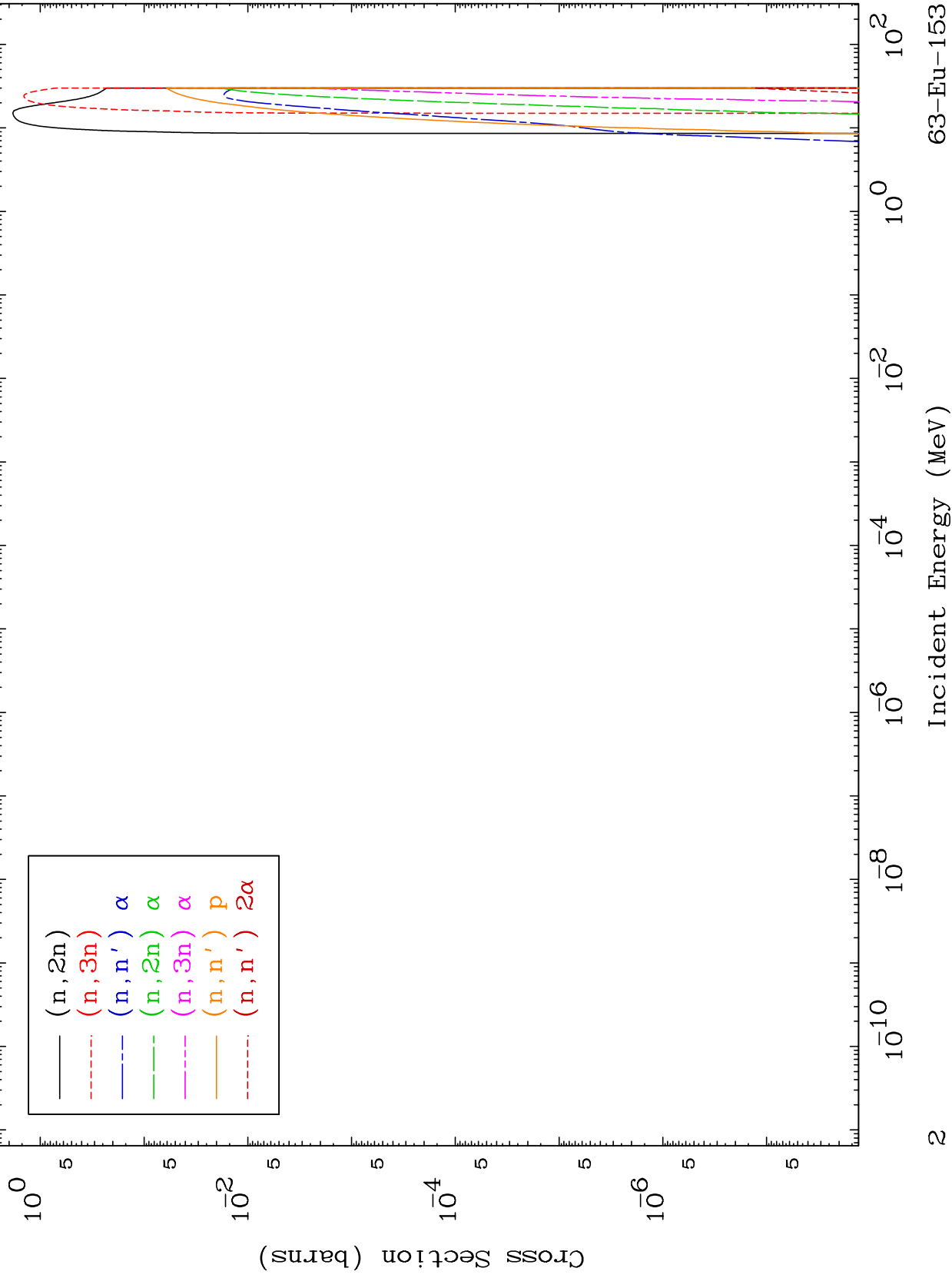
63-Eu-153

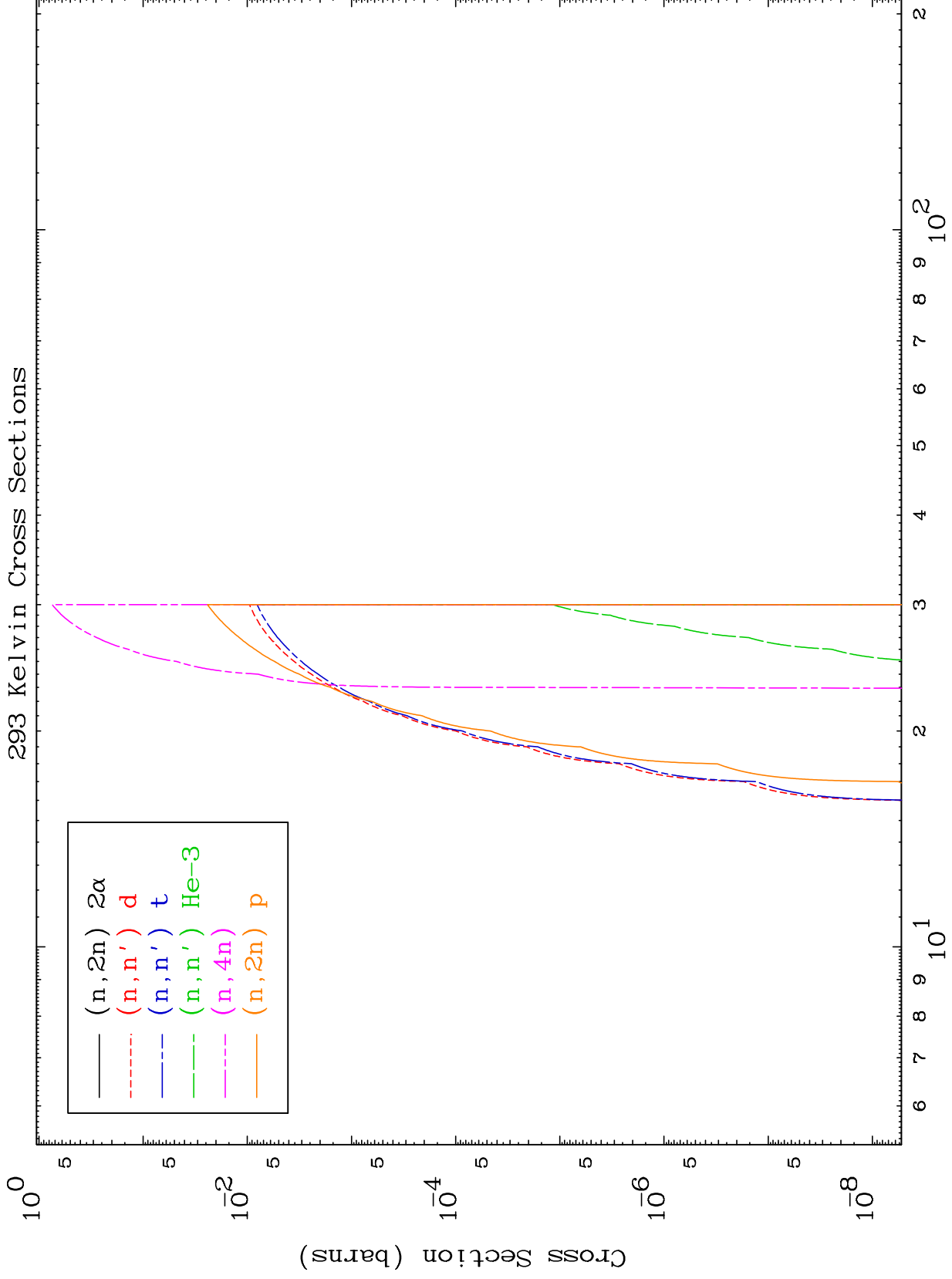


MAT 6331

Neutron Production
293 Kelvin Cross Sections

63-Eu-153

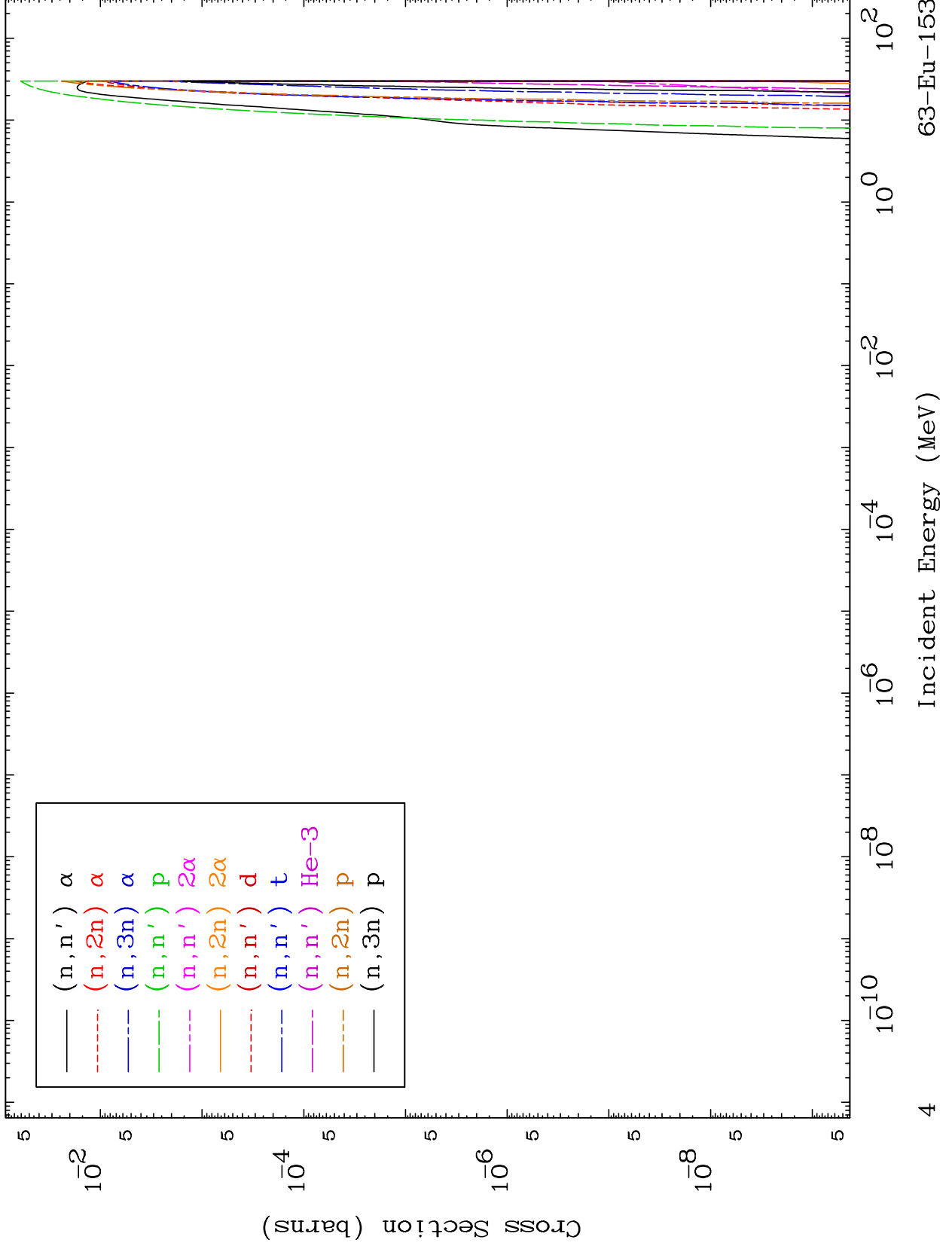




MAT 6331

Charged Particle
293 Kelvin Cross Sections

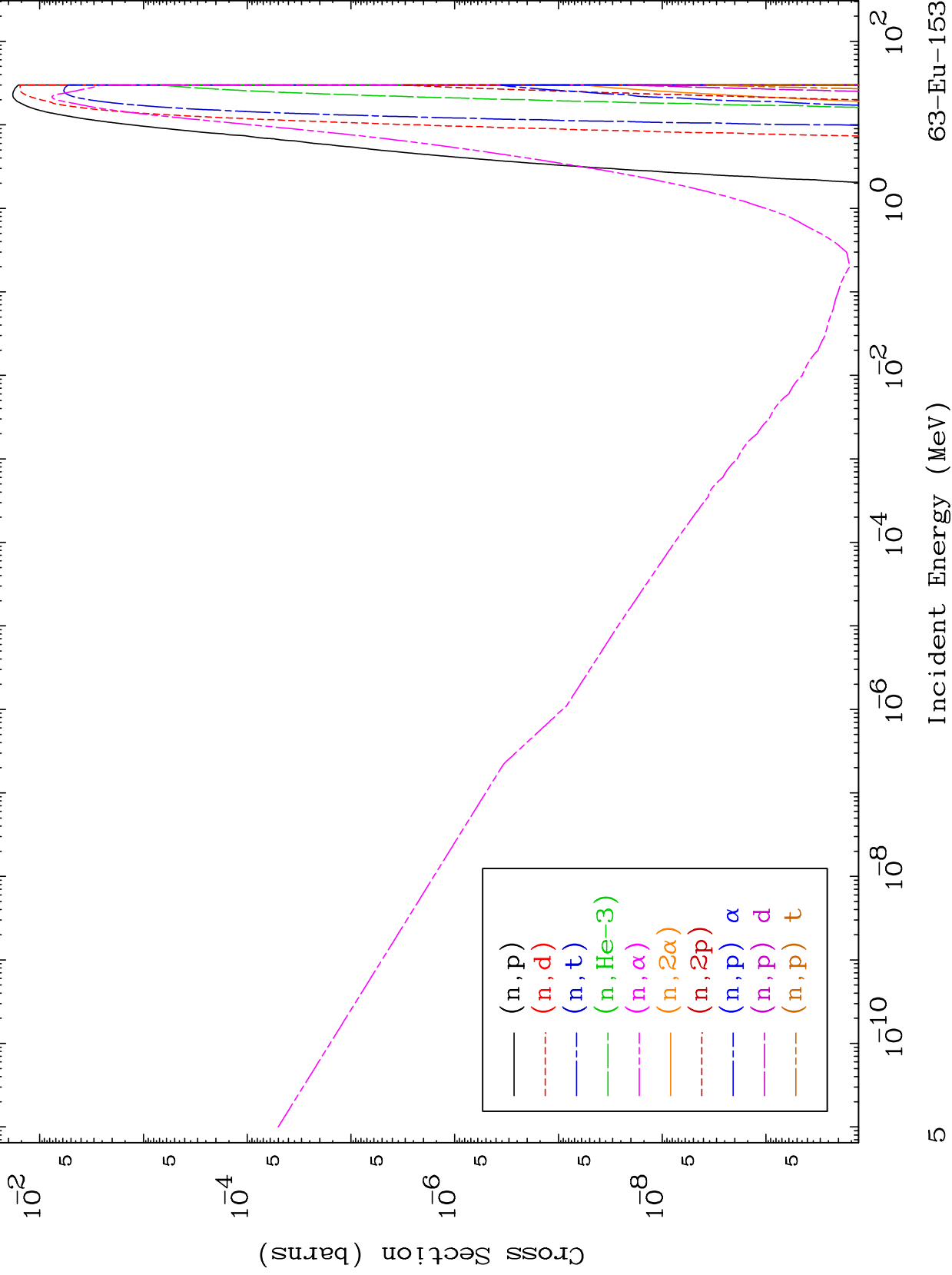
63-Eu-153

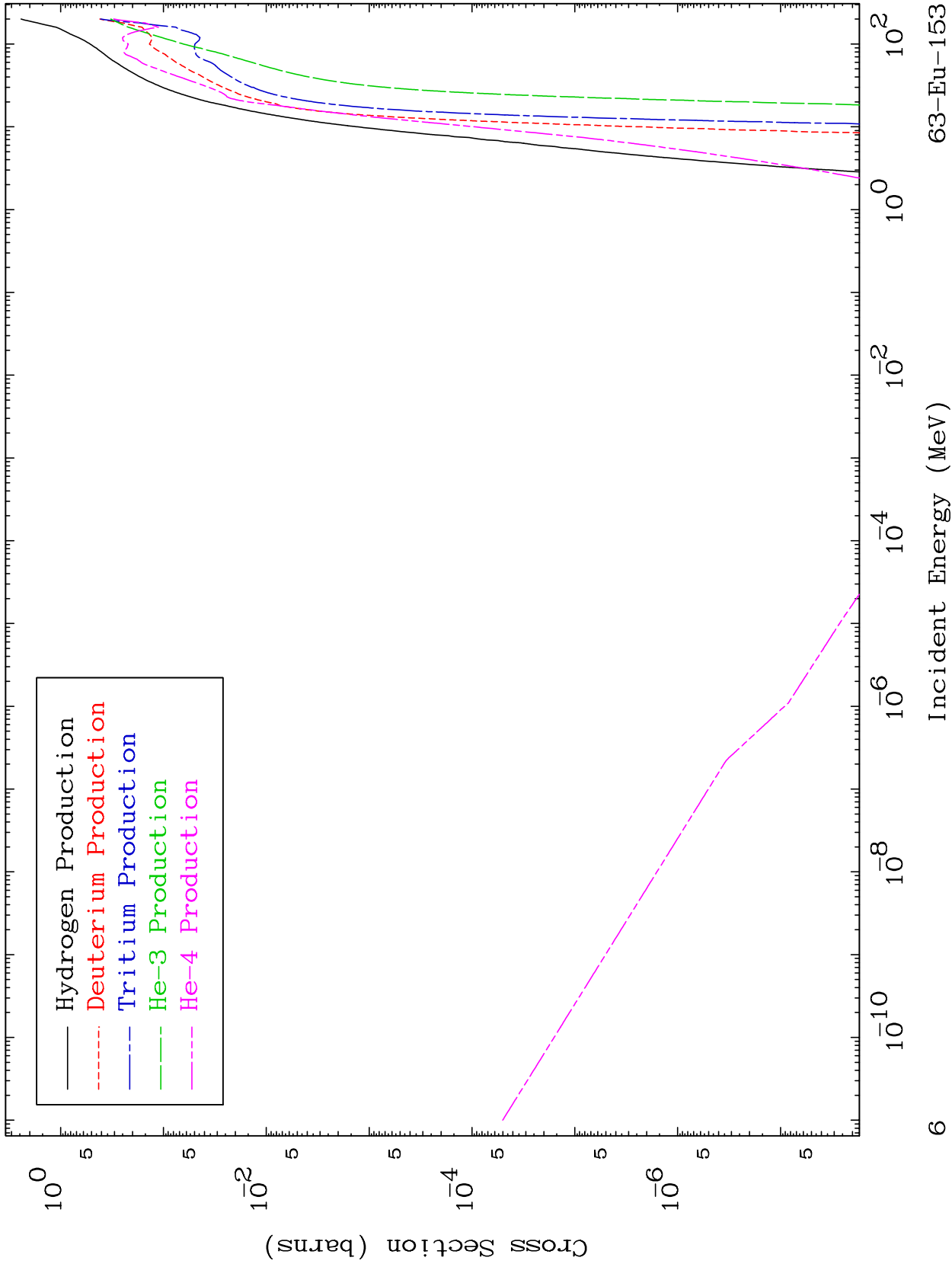


MAT 6331

Charged Particle
293 Kelvin Cross Sections

63-Eu-153

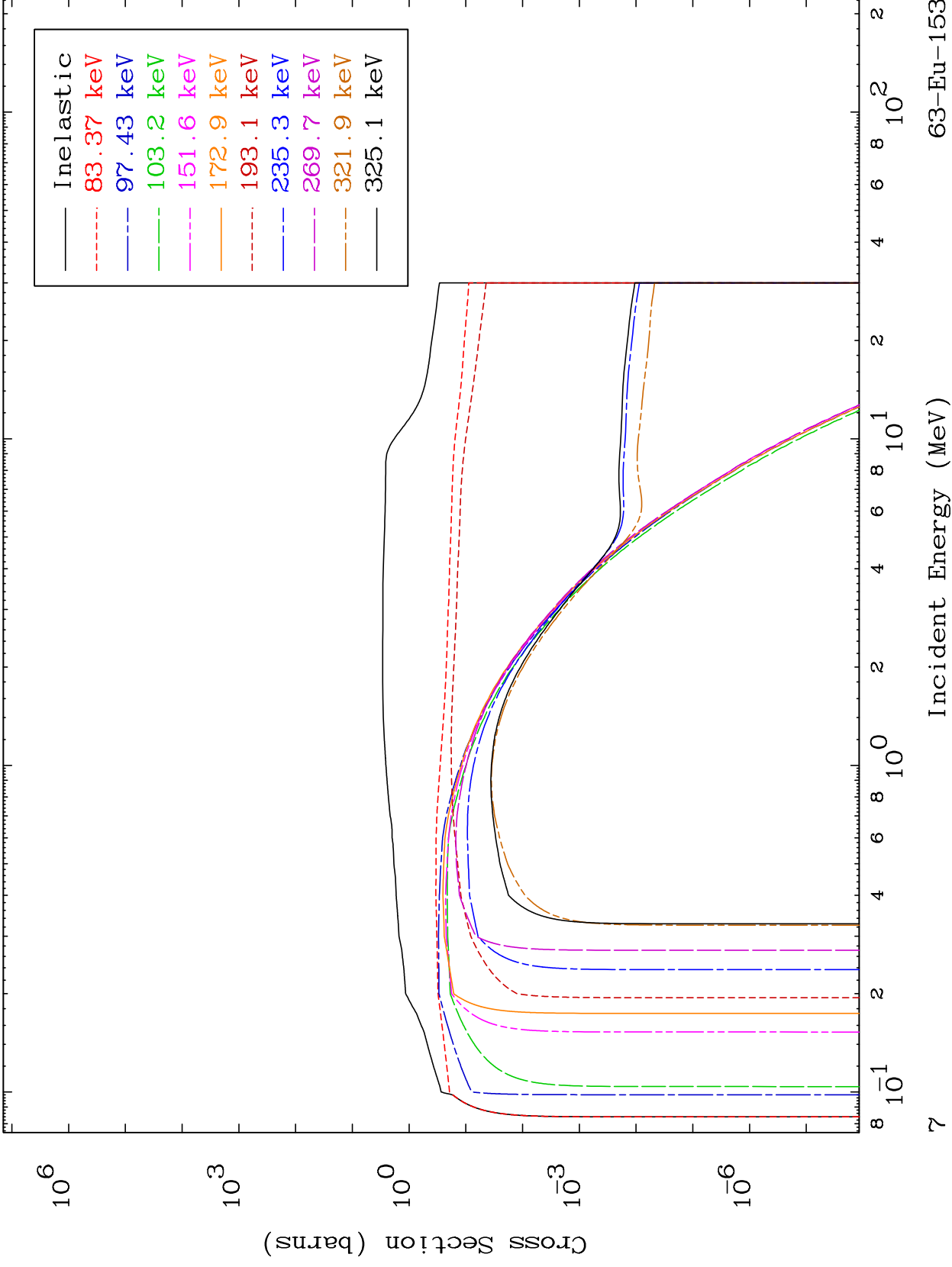




MAT 6331

(n,n') Level
293 Kelvin Cross Sections

63-Eu-153

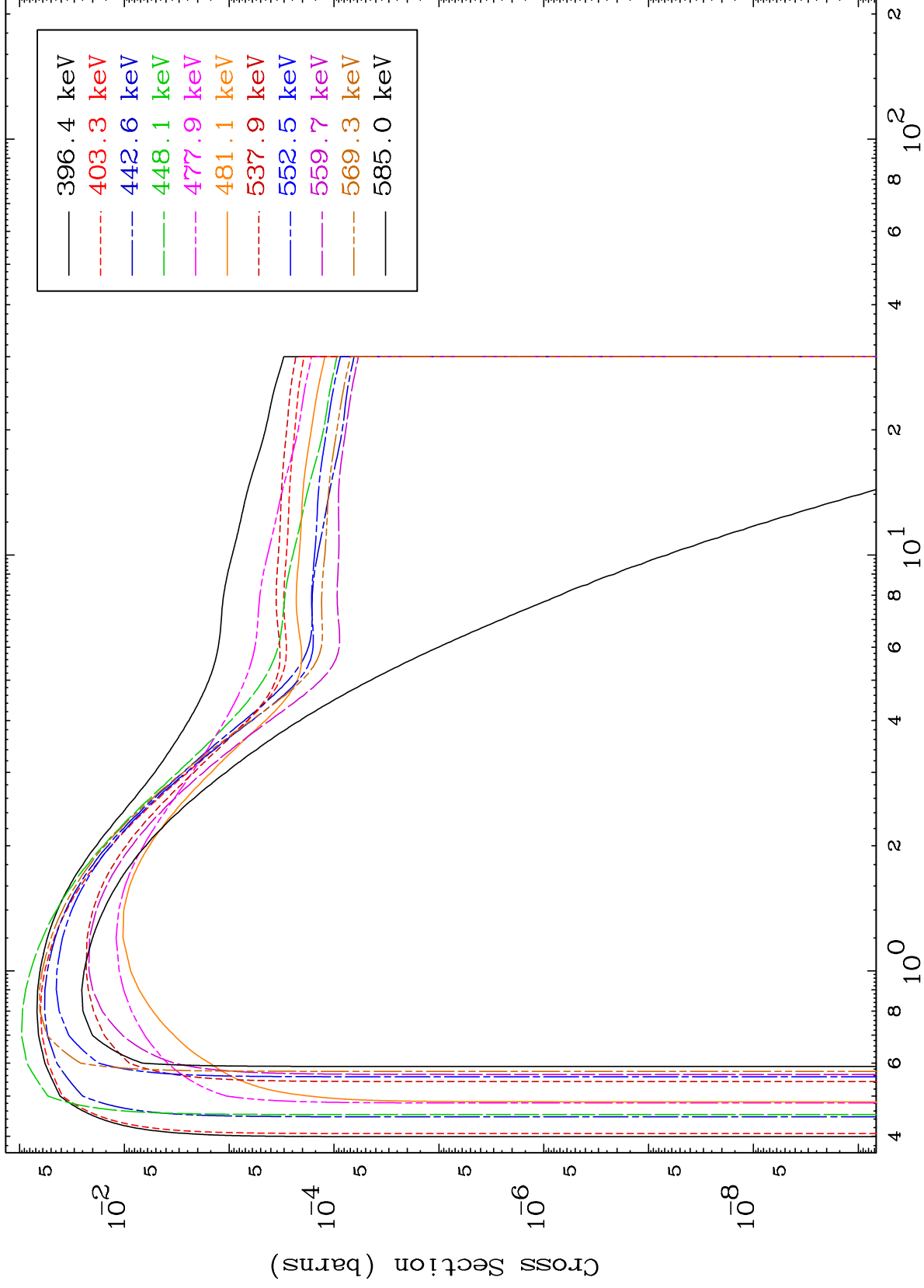


63-Eu-153

MAT 6331

(n,n') Level
293 Kelvin Cross Sections

63-Eu-153



8

Incident Energy (MeV)

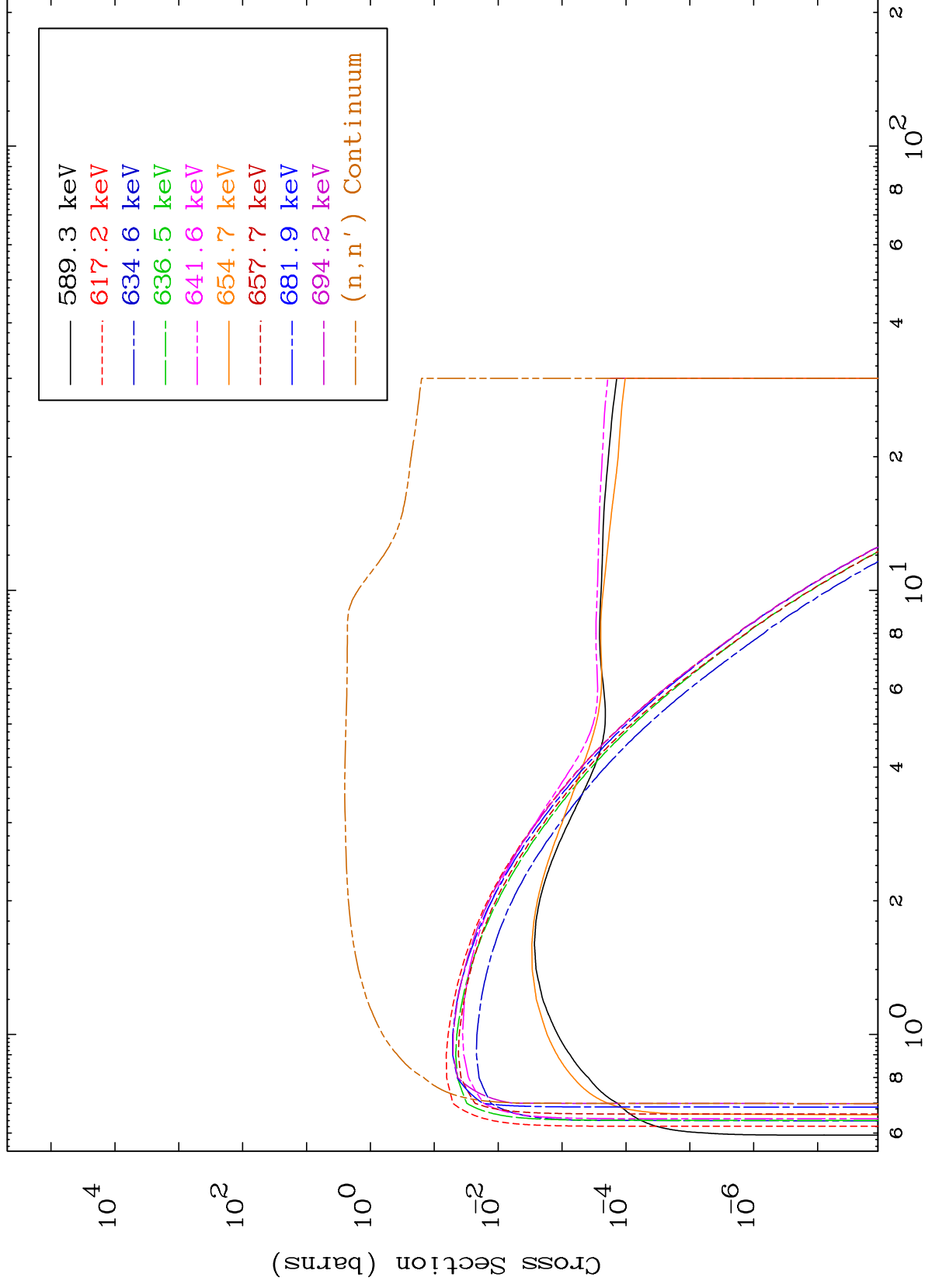
63-Eu-153

MAT 6331

(n,n') Level

63-Eu-153

293 Kelvin Cross Sections



9

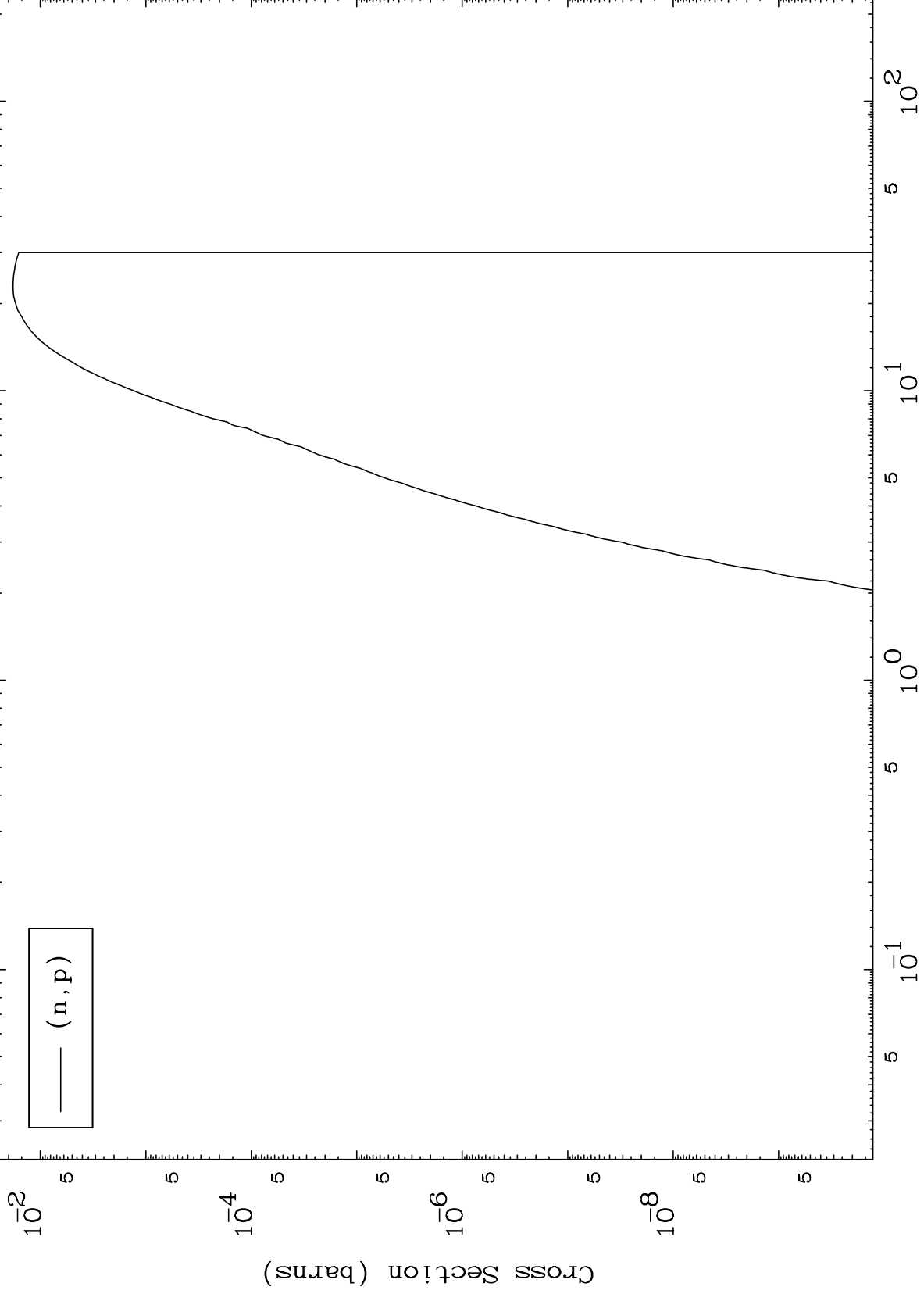
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-153



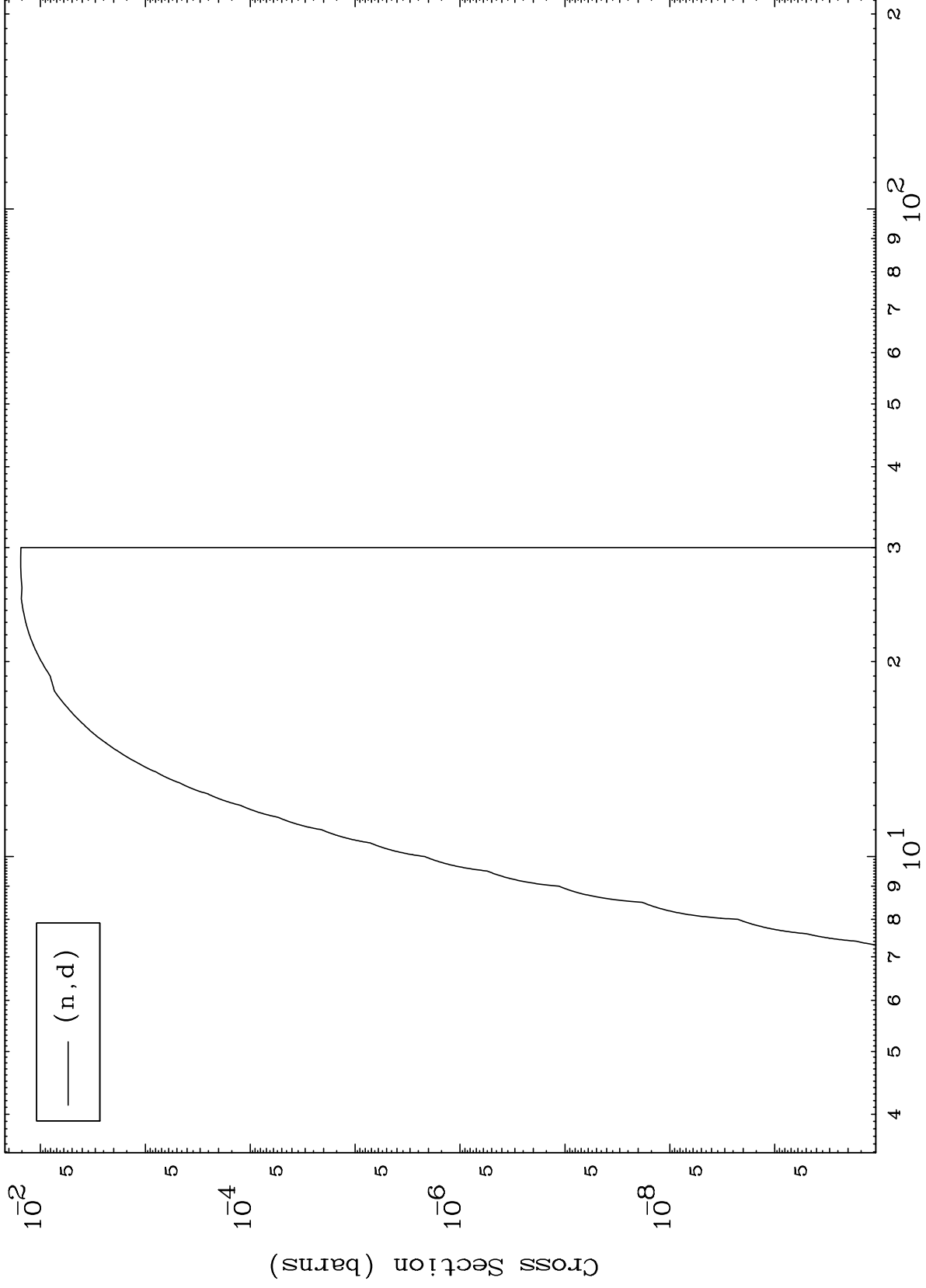
10

63-Eu-153

MAT 6331

(n,d) Levels
293 Kelvin Cross Sections

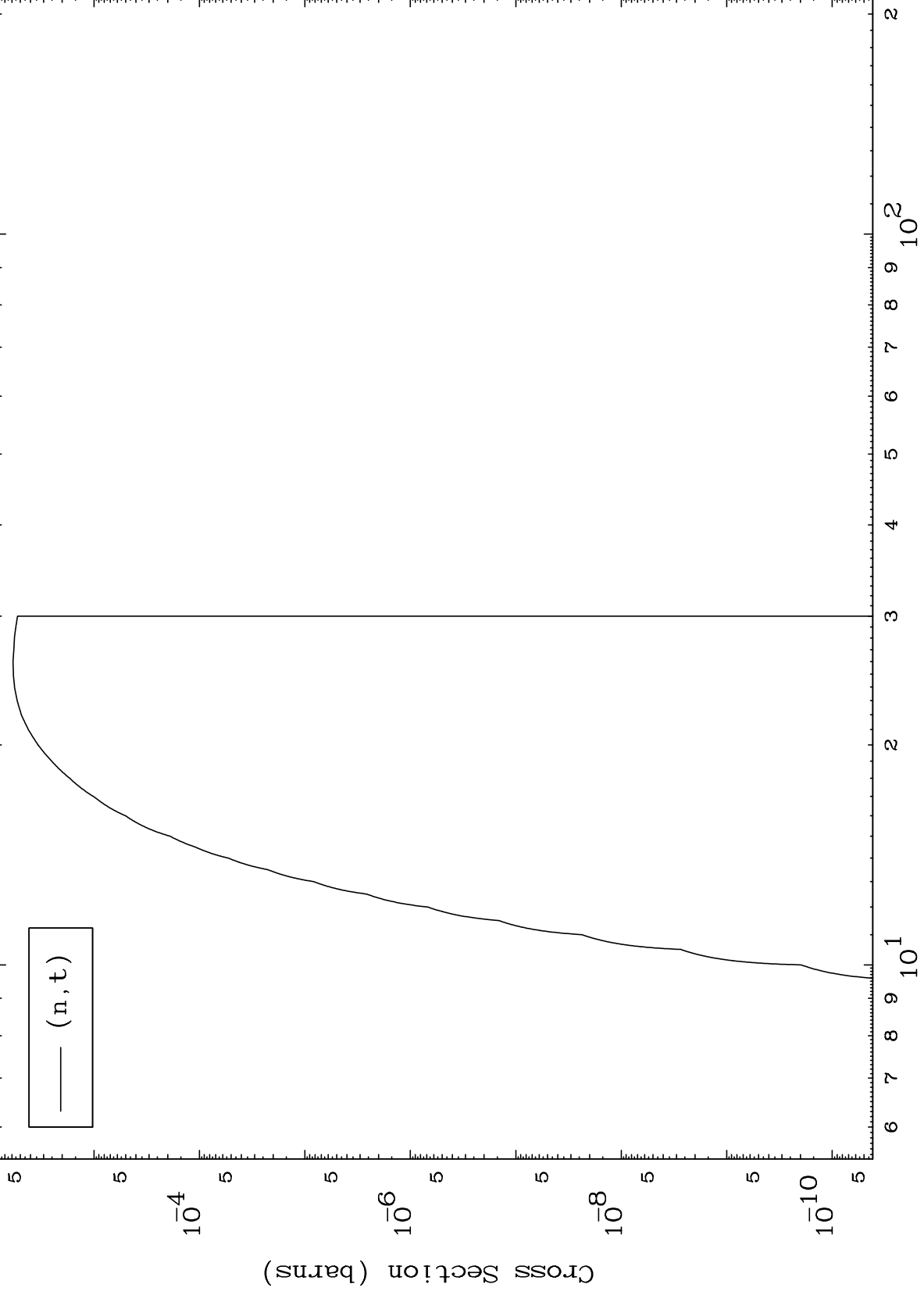
63-Eu-153



MAT 6331

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-153



12

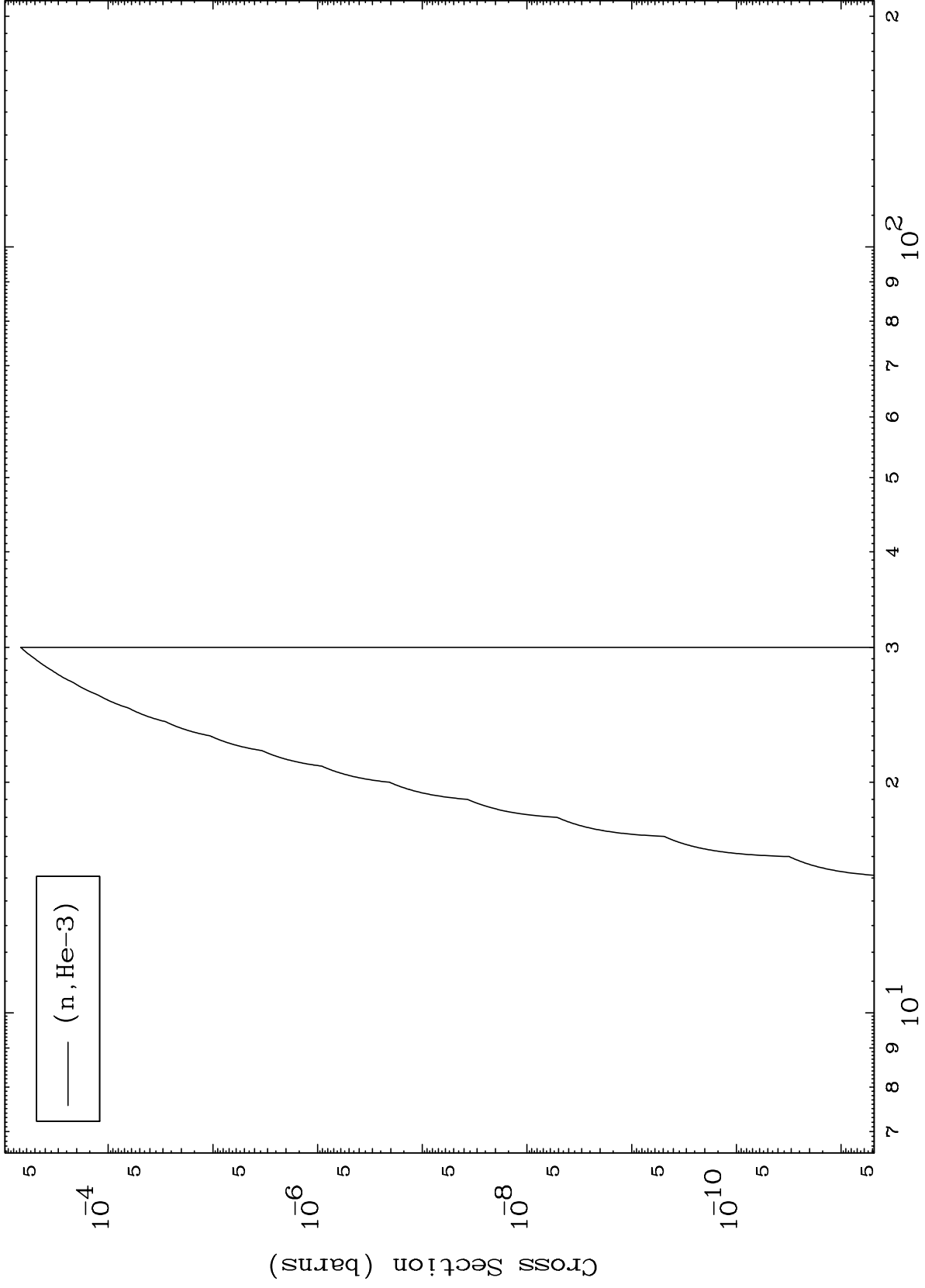
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n,He3) Levels
293 Kelvin Cross Sections

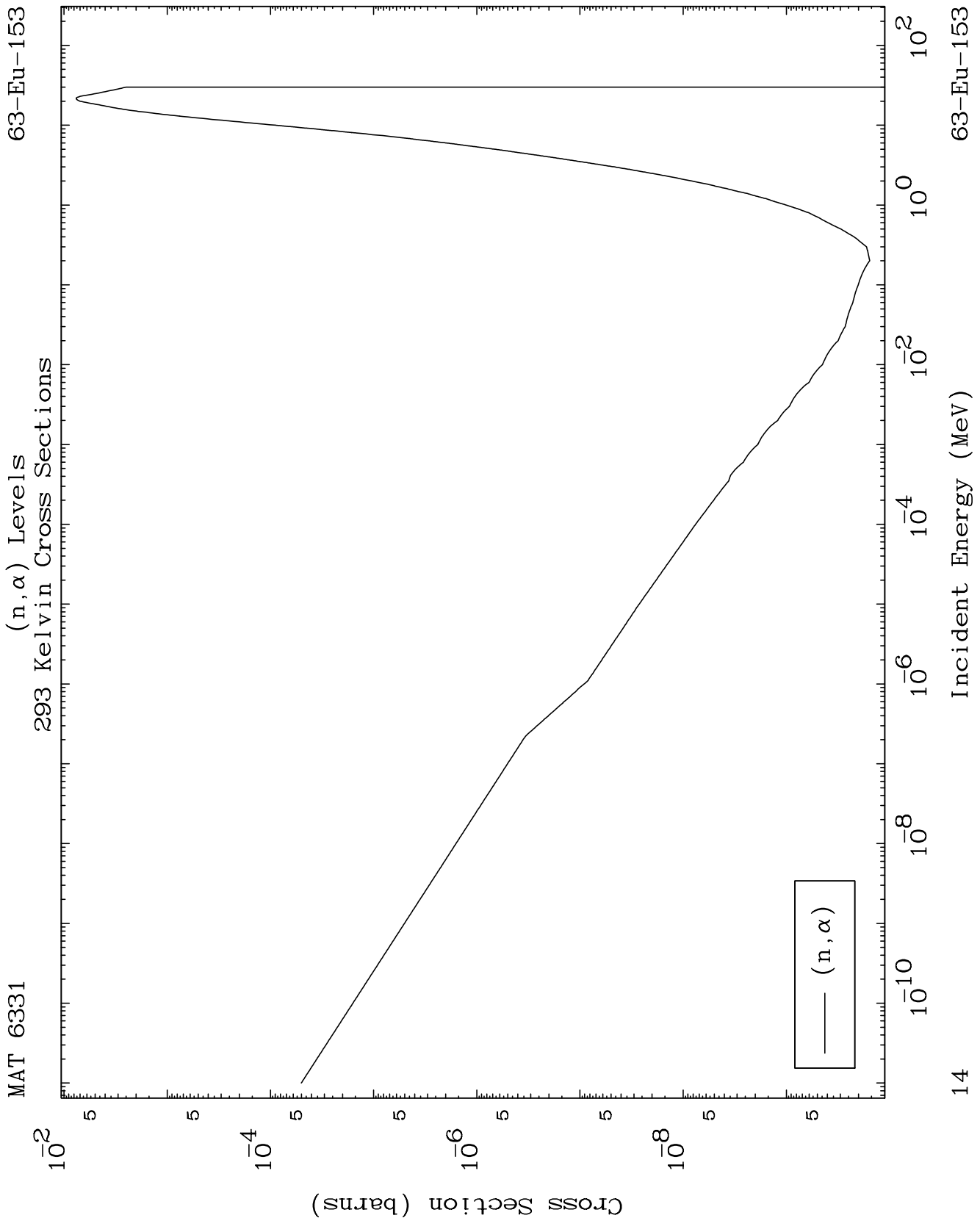
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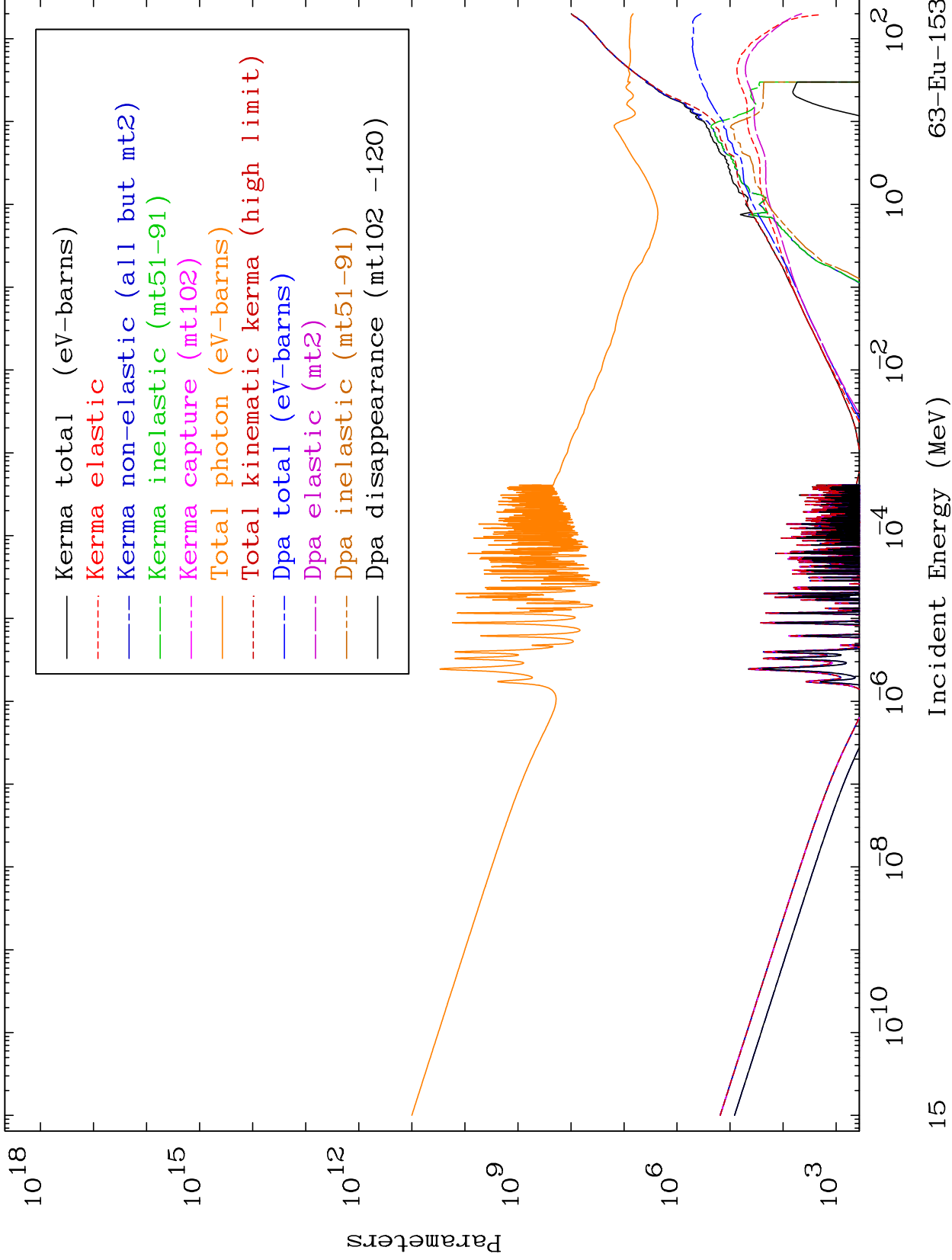


13

Incident Energy (MeV)

63-Eu-153

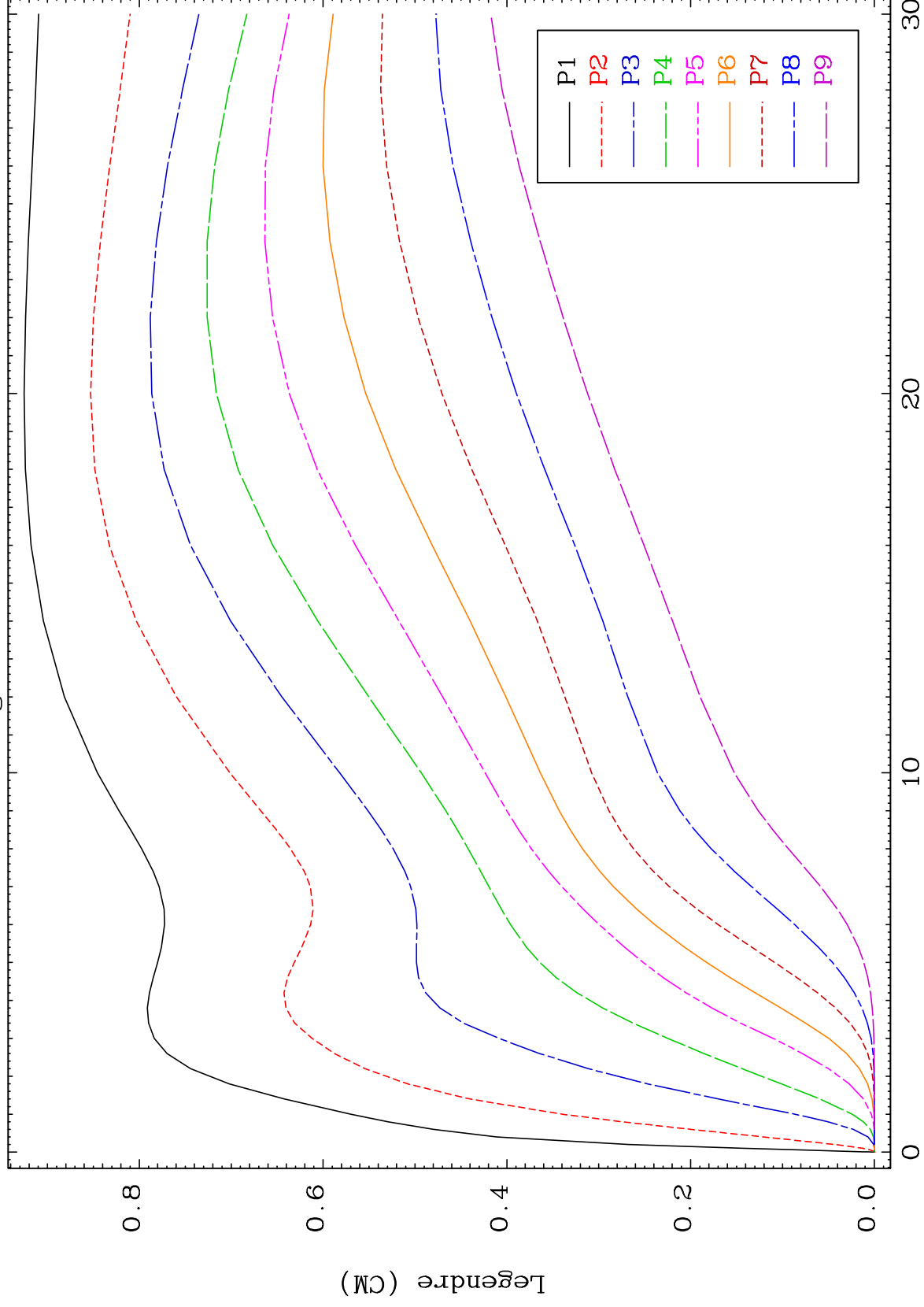




MAT 6331

Elastic Legendre Coefficients

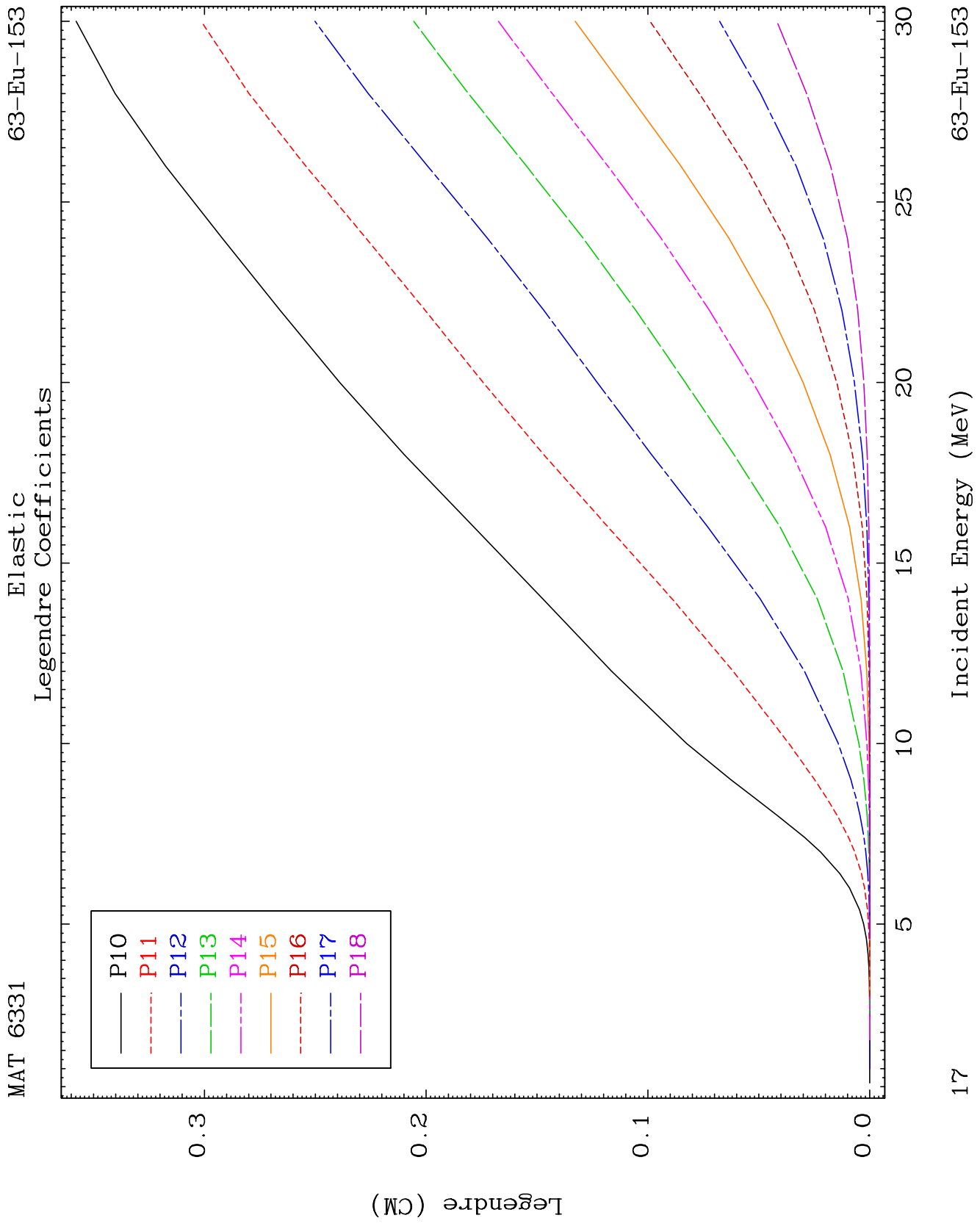
63-Eu-153



16

Incident Energy (MeV)

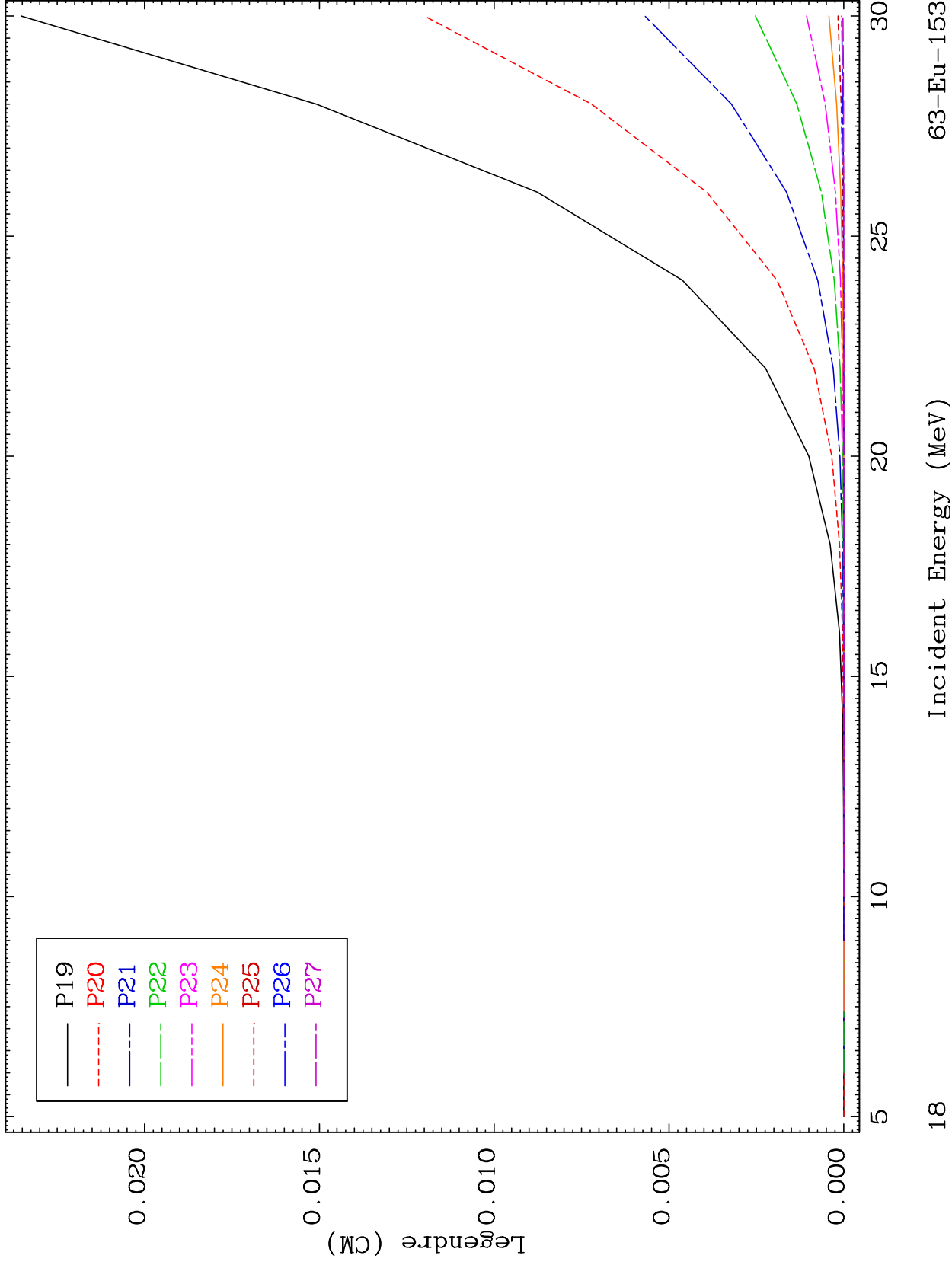
63-Eu-153



MAT 6331

Elastic Legendre Coefficients

63-Eu-153



18

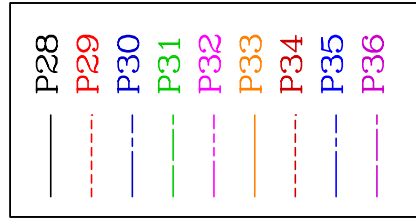
Incident Energy (MeV)

63-Eu-153

MAT 6331

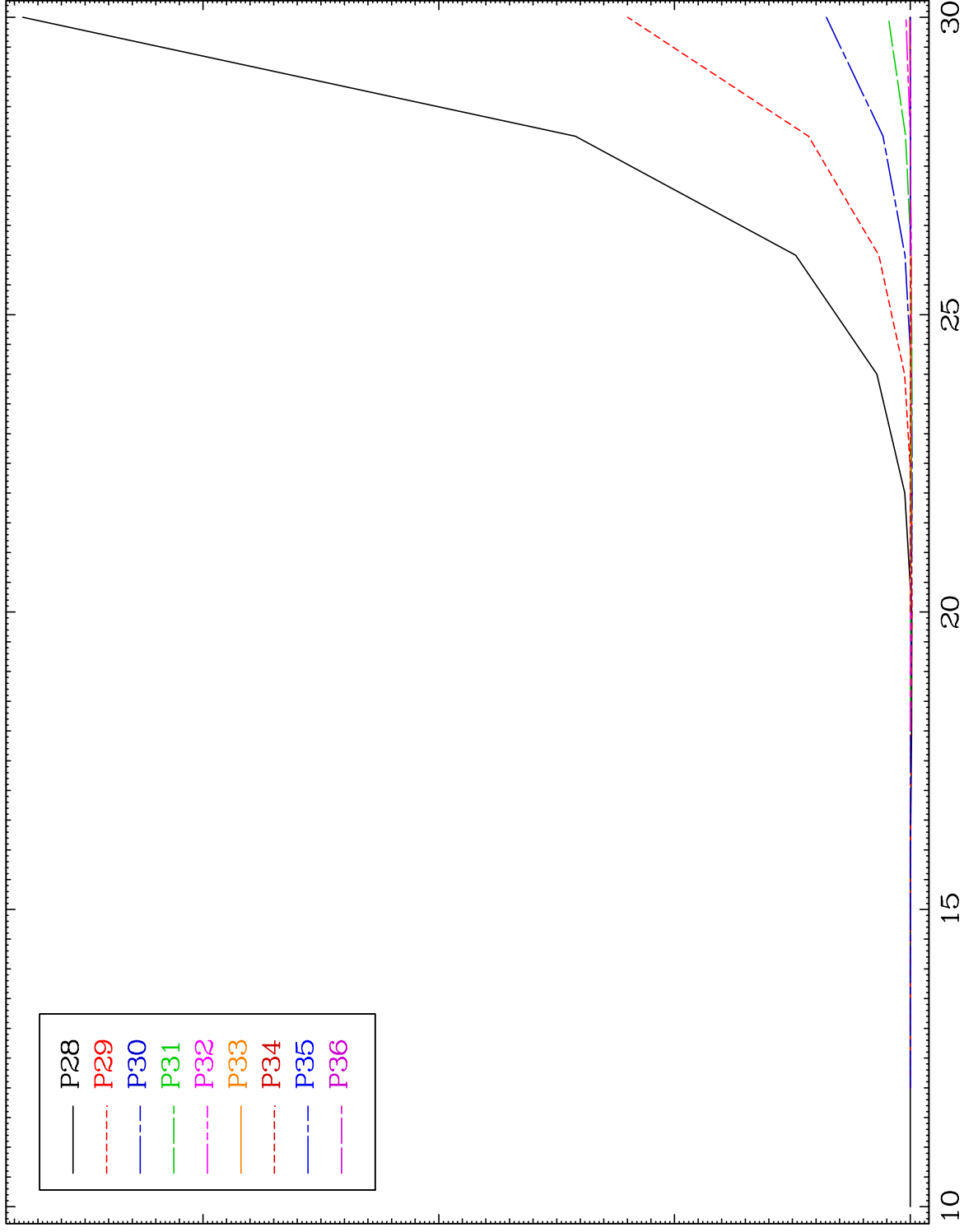
Elastic Legendre Coefficients

63-Eu-153



$\times 10^{-6}$

Legendre (CM)



10

Incident Energy (MeV)

63-Eu-153

15

20

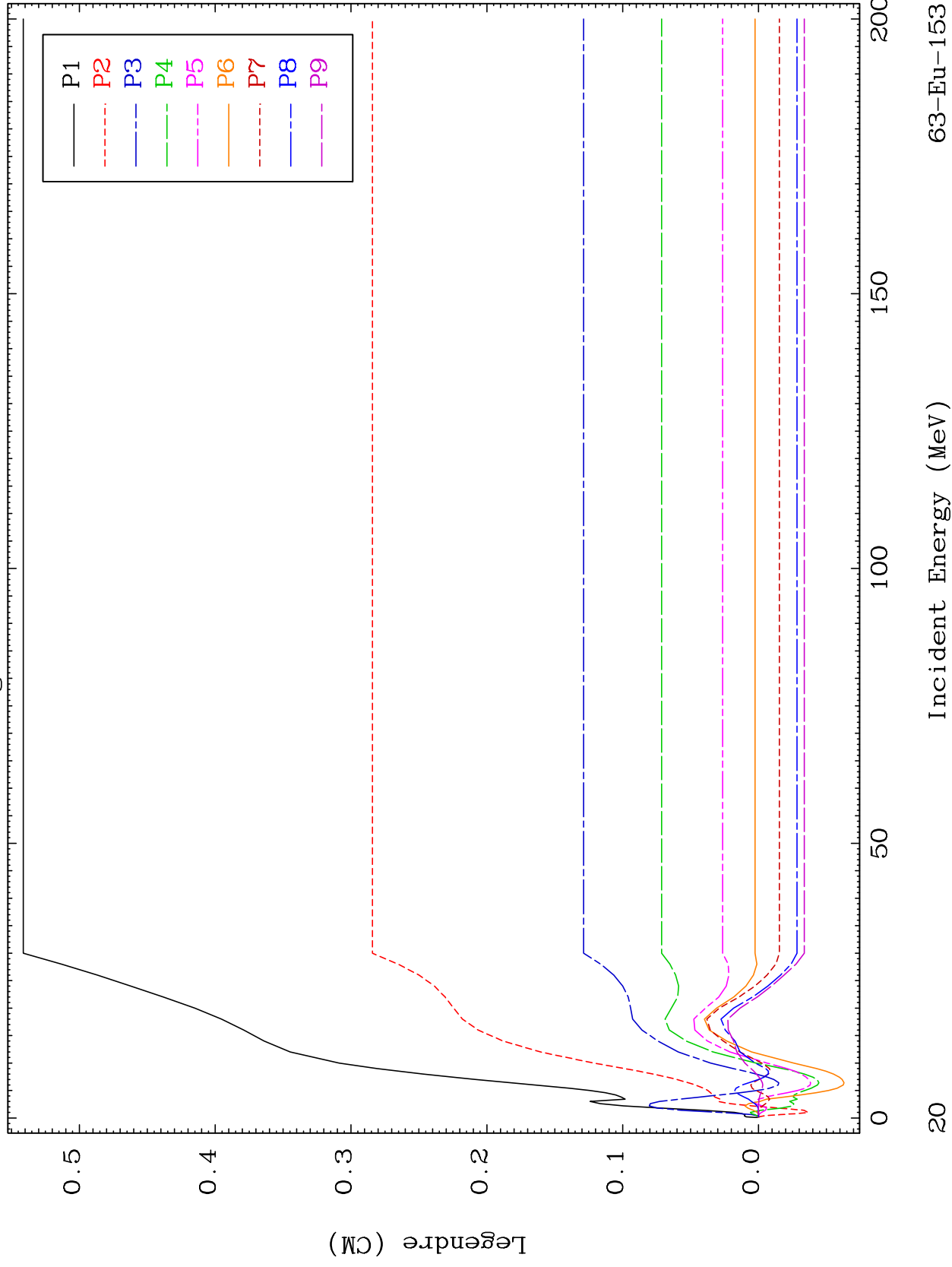
25

30

MAT 6331

83.37 keV (n,n') Level
Legendre Coefficients

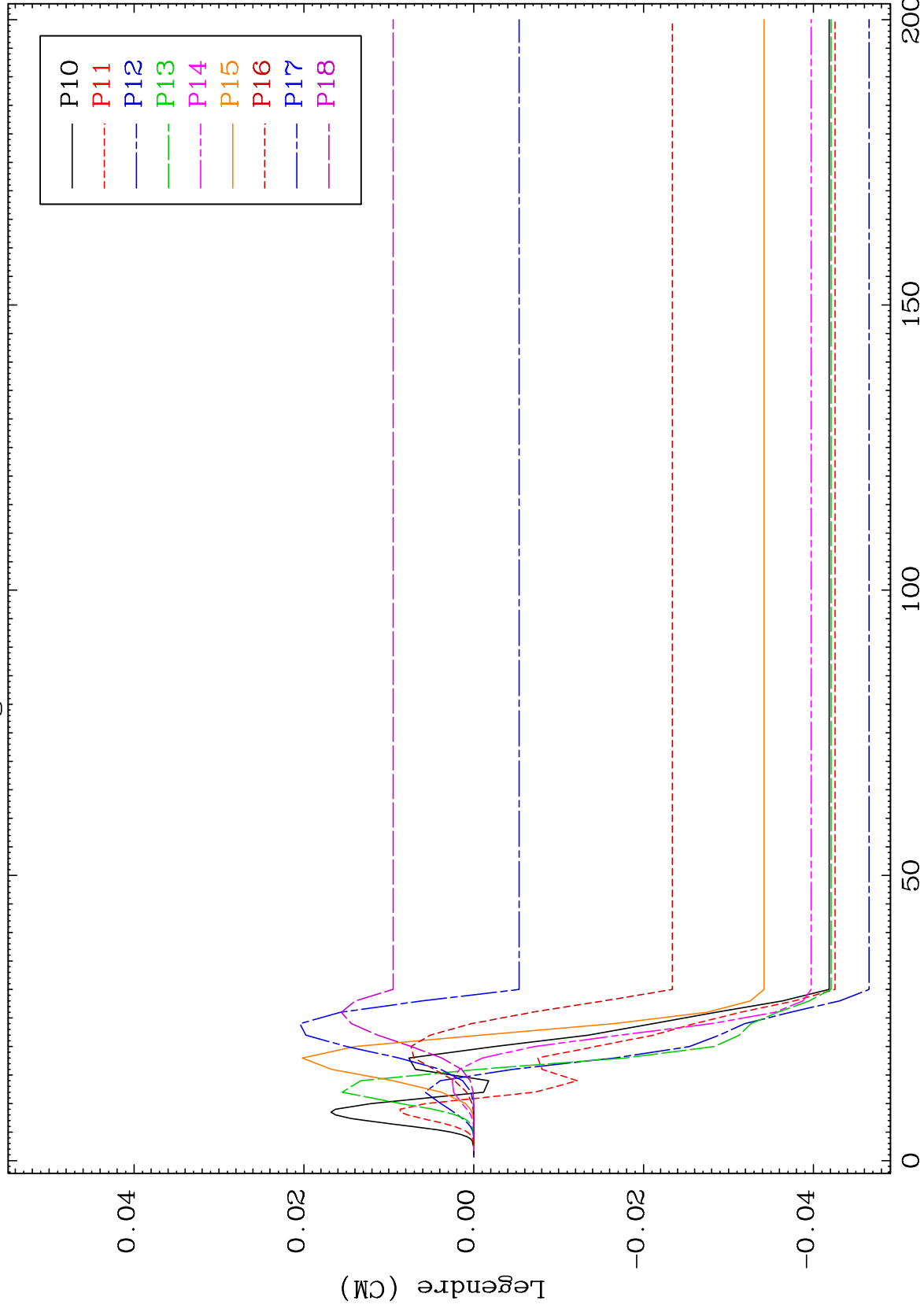
63-Eu-153



MAT 6331

83.37 keV (n,n') Level
Legendre Coefficients

63-Eu-153



21

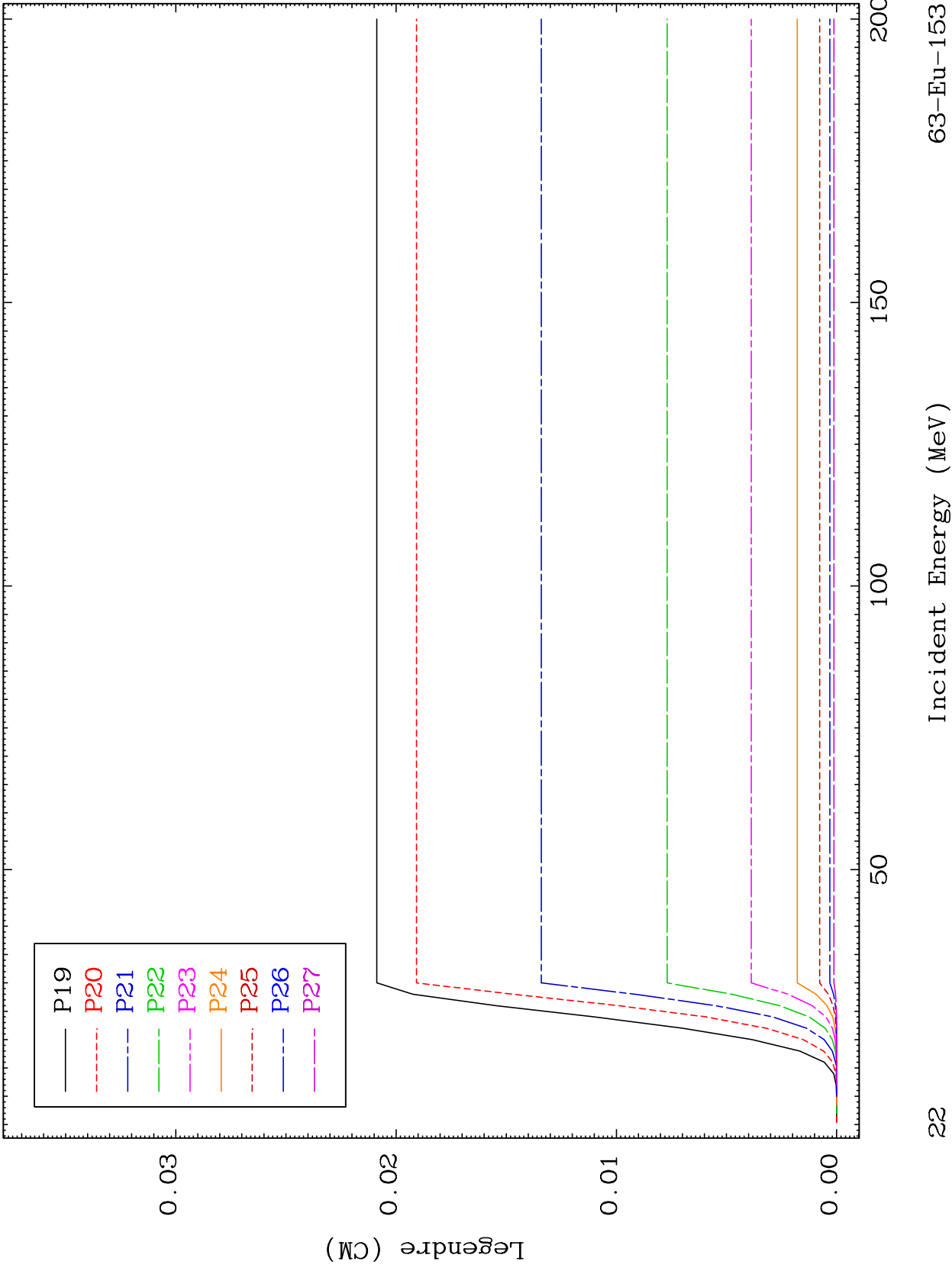
Incident Energy (MeV)

63-Eu-153

MAT 6331

83.37 keV (n,n') Level
Legendre Coefficients

63-Eu-153



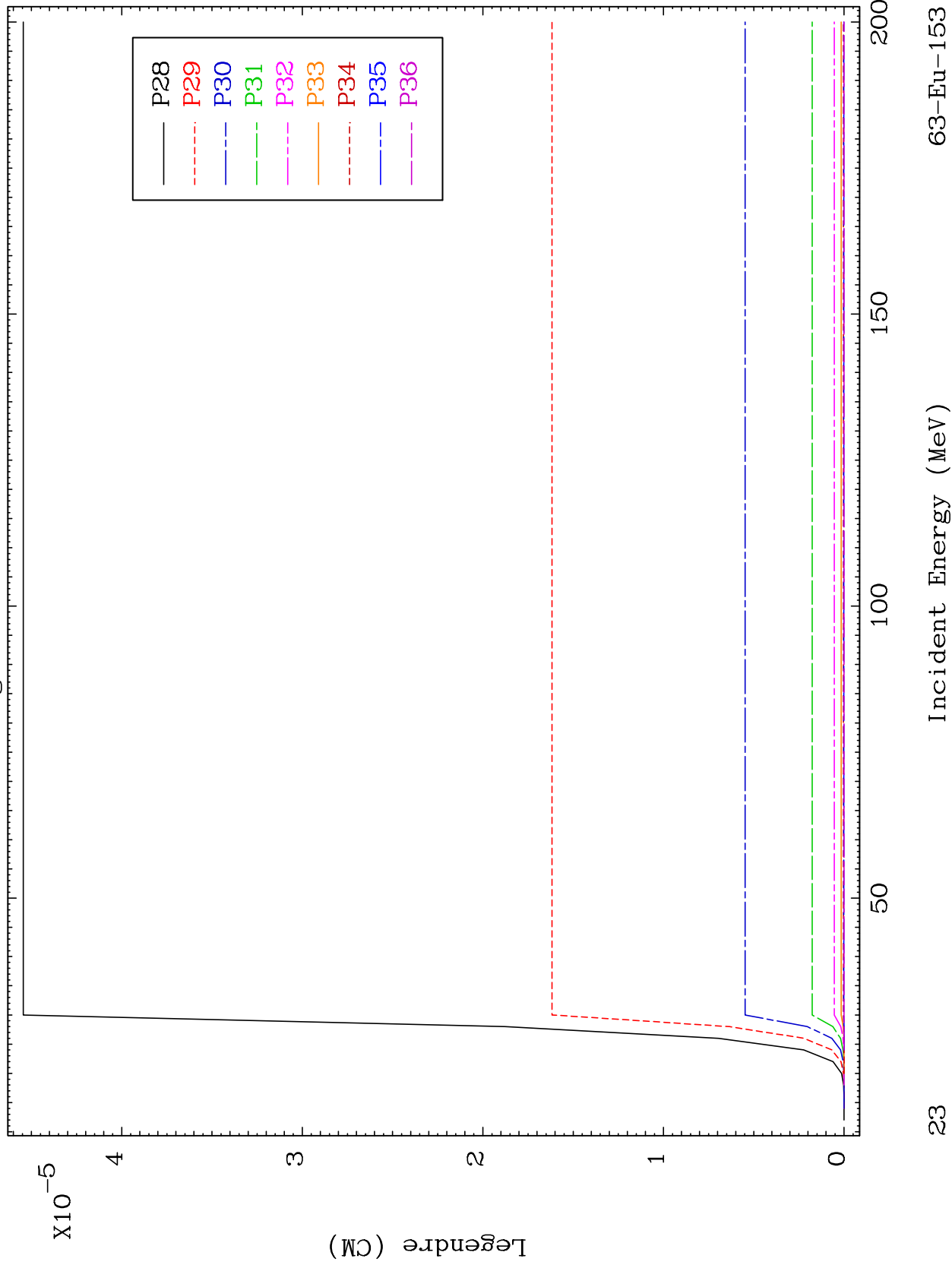
22

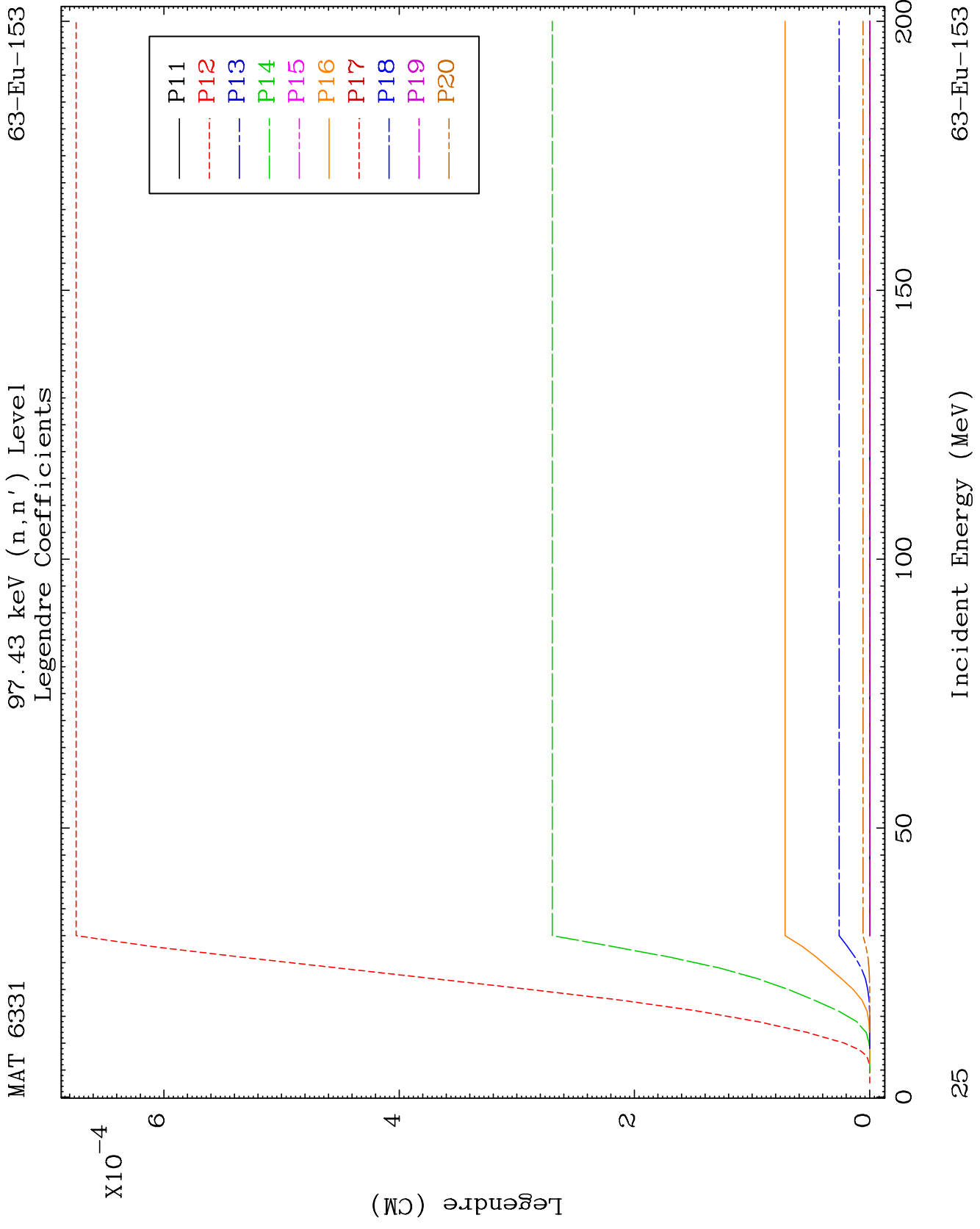
63-Eu-153

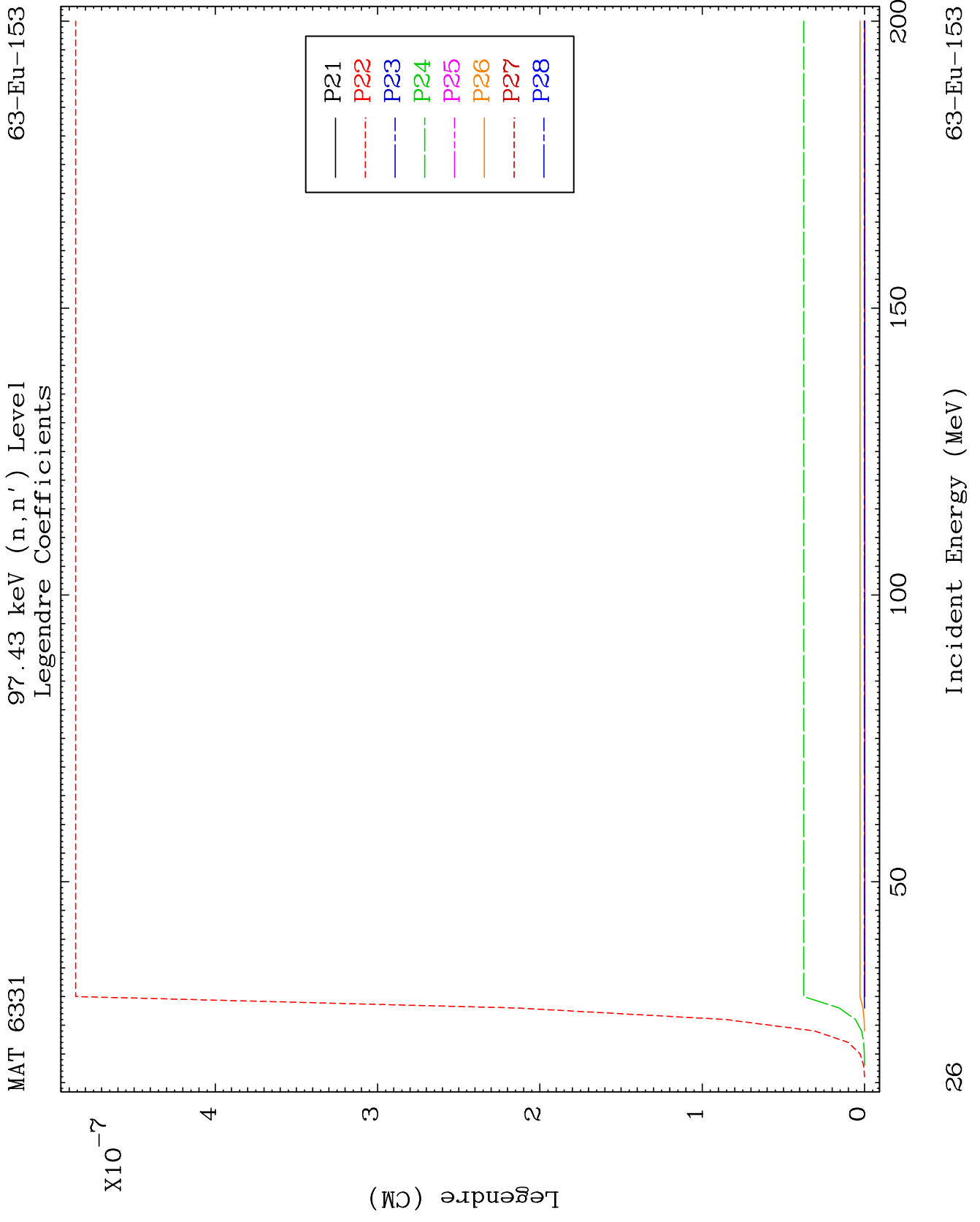
MAT 6331

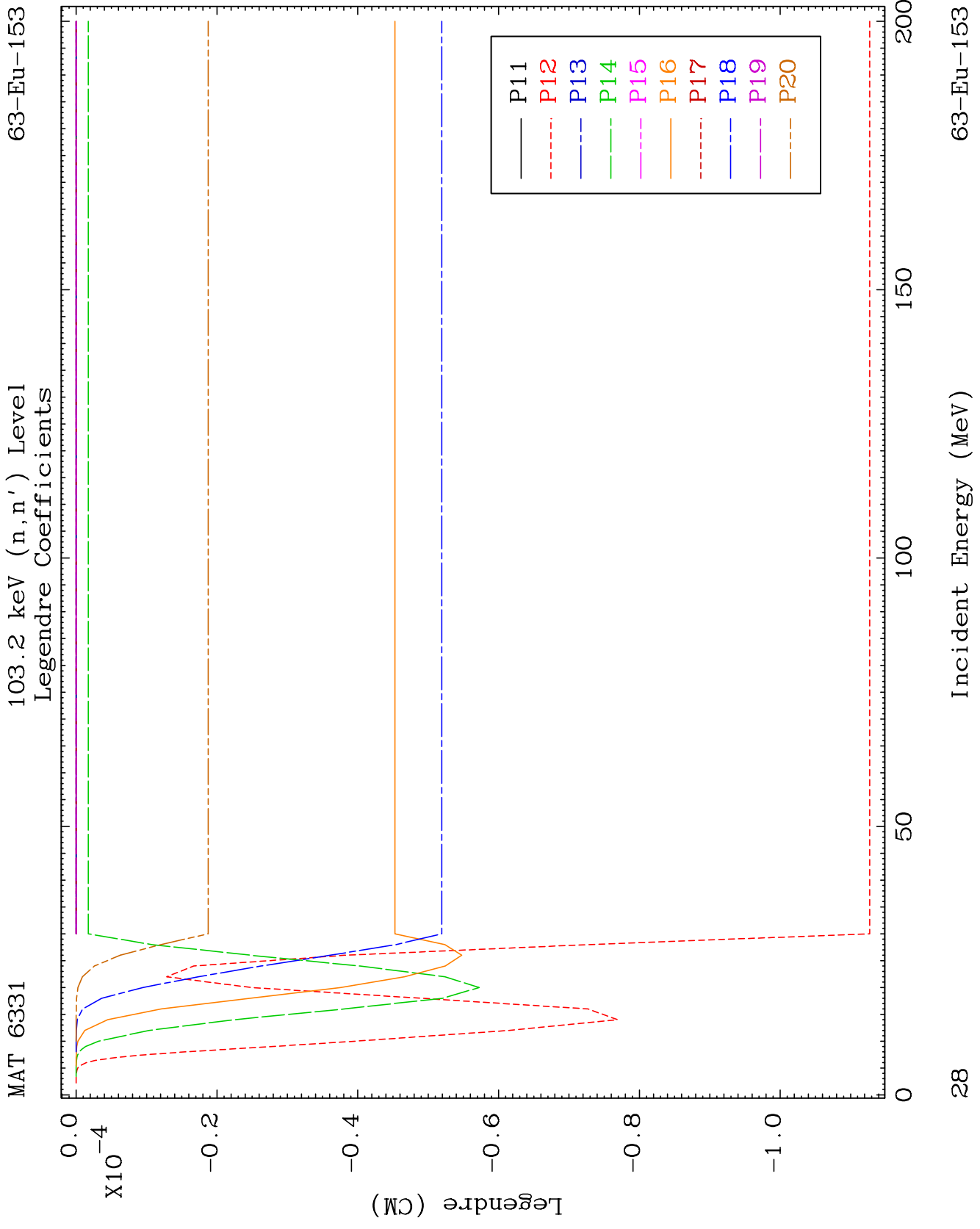
83.37 keV (n,n') Level
Legendre Coefficients

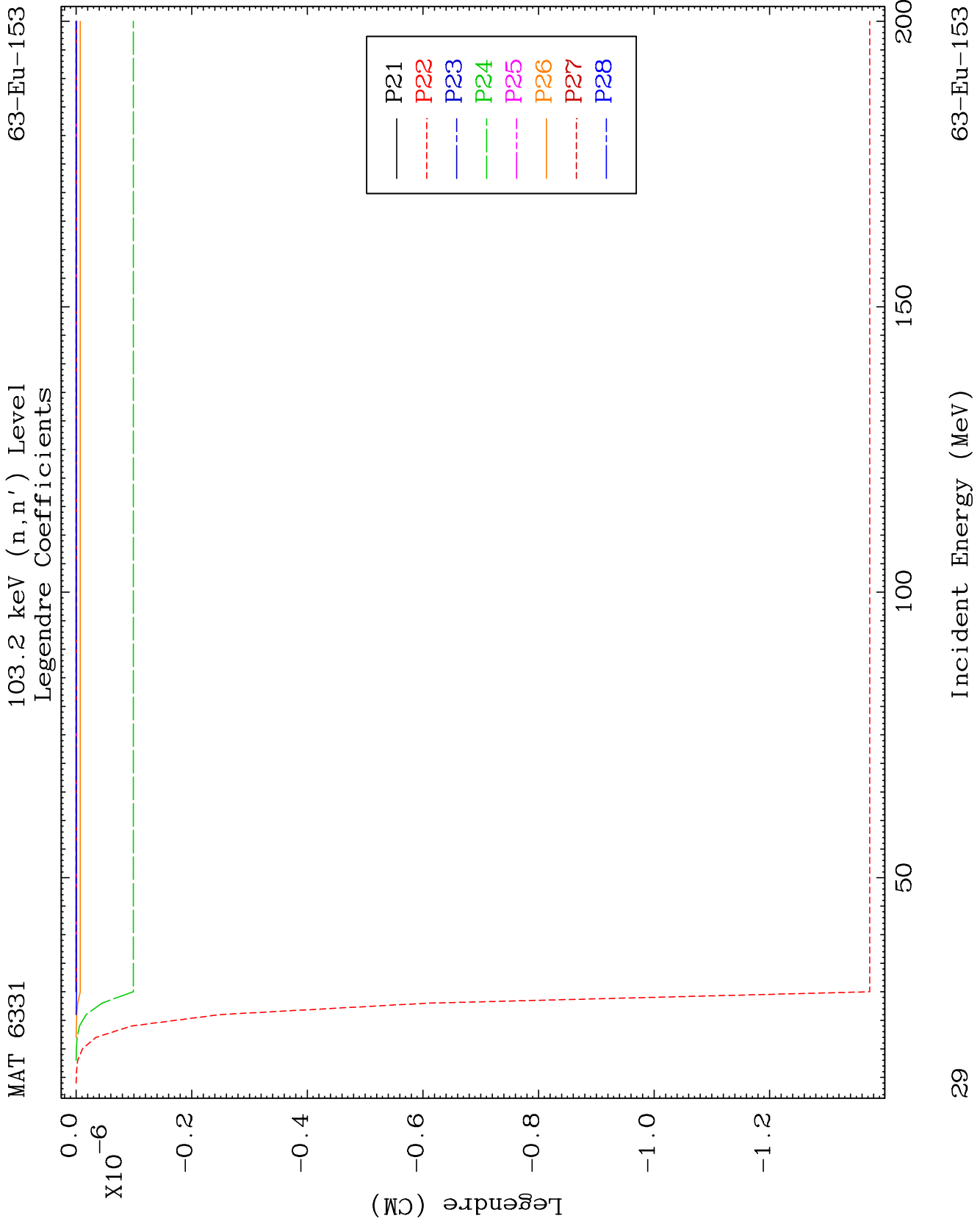
63-Eu-153







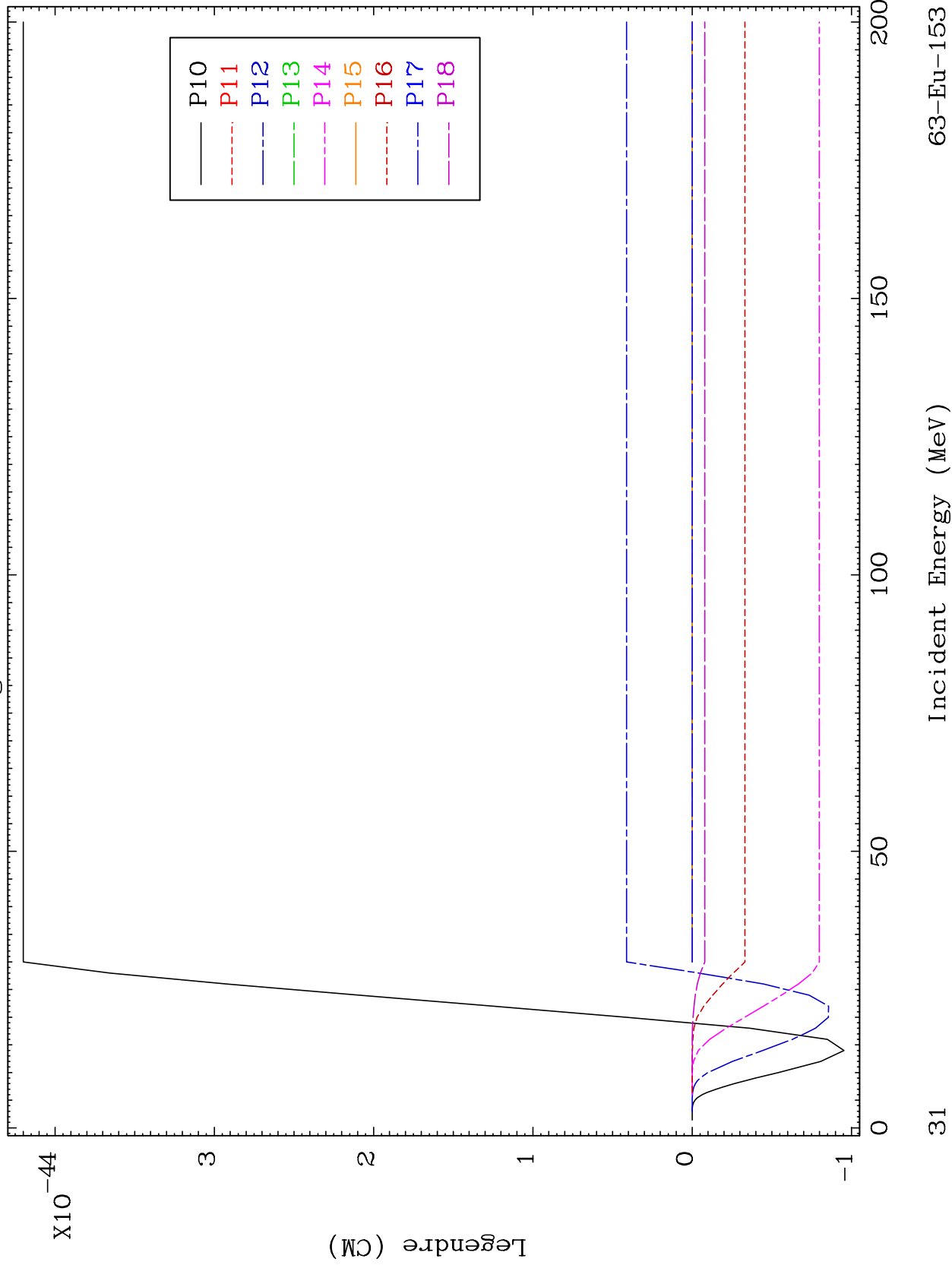




MAT 6331

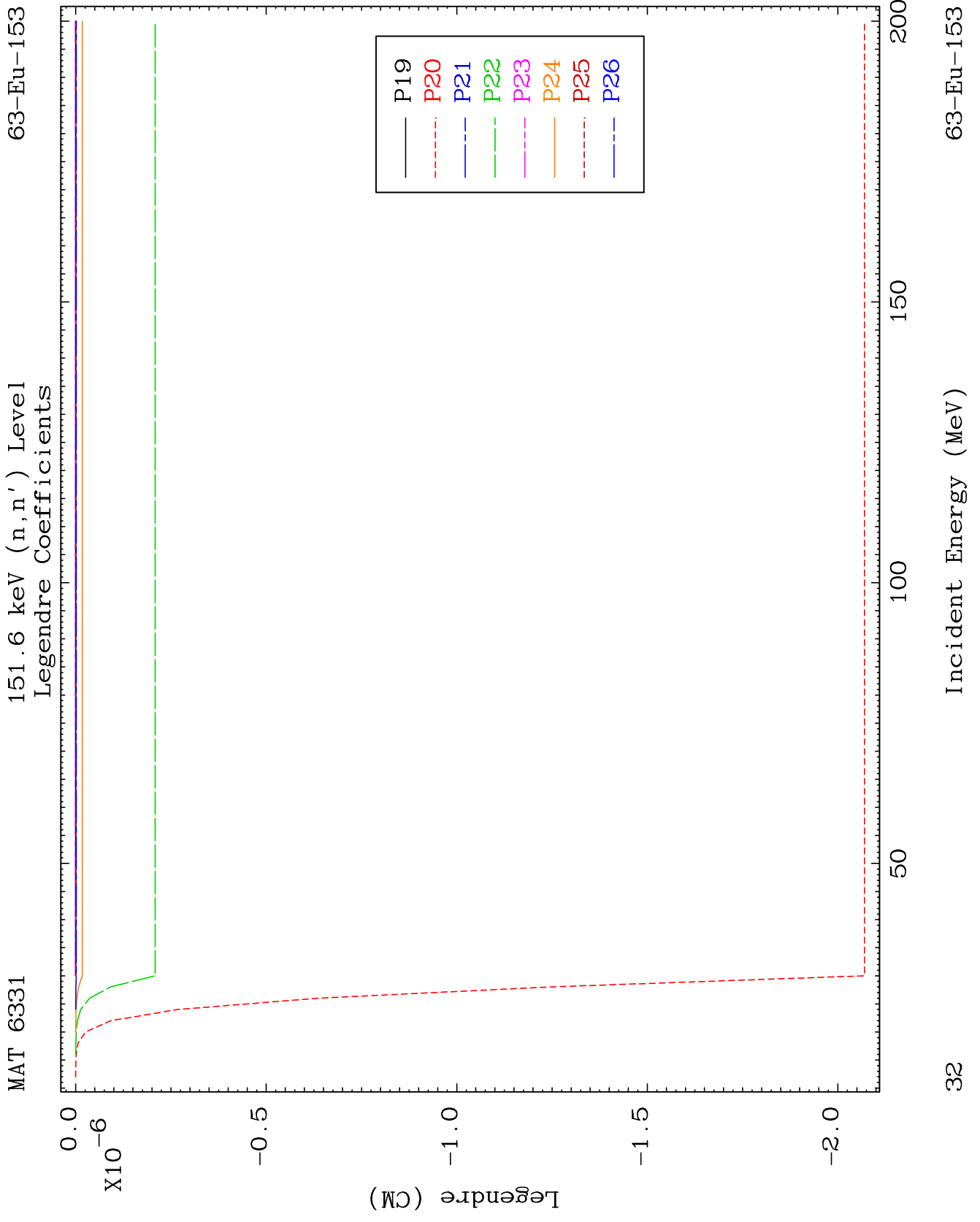
151.6 keV (n,n') Level
Legendre Coefficients

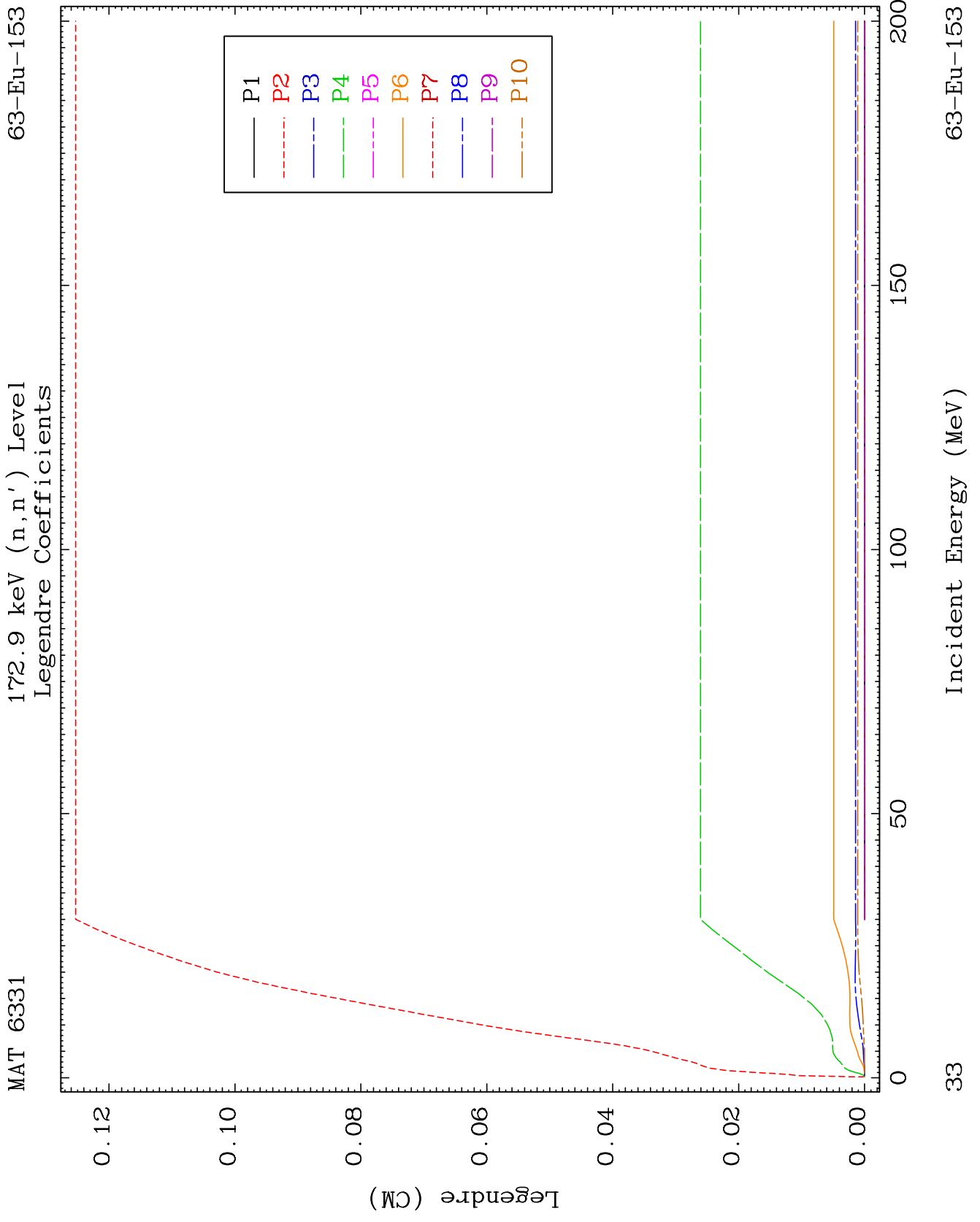
63-Eu-153

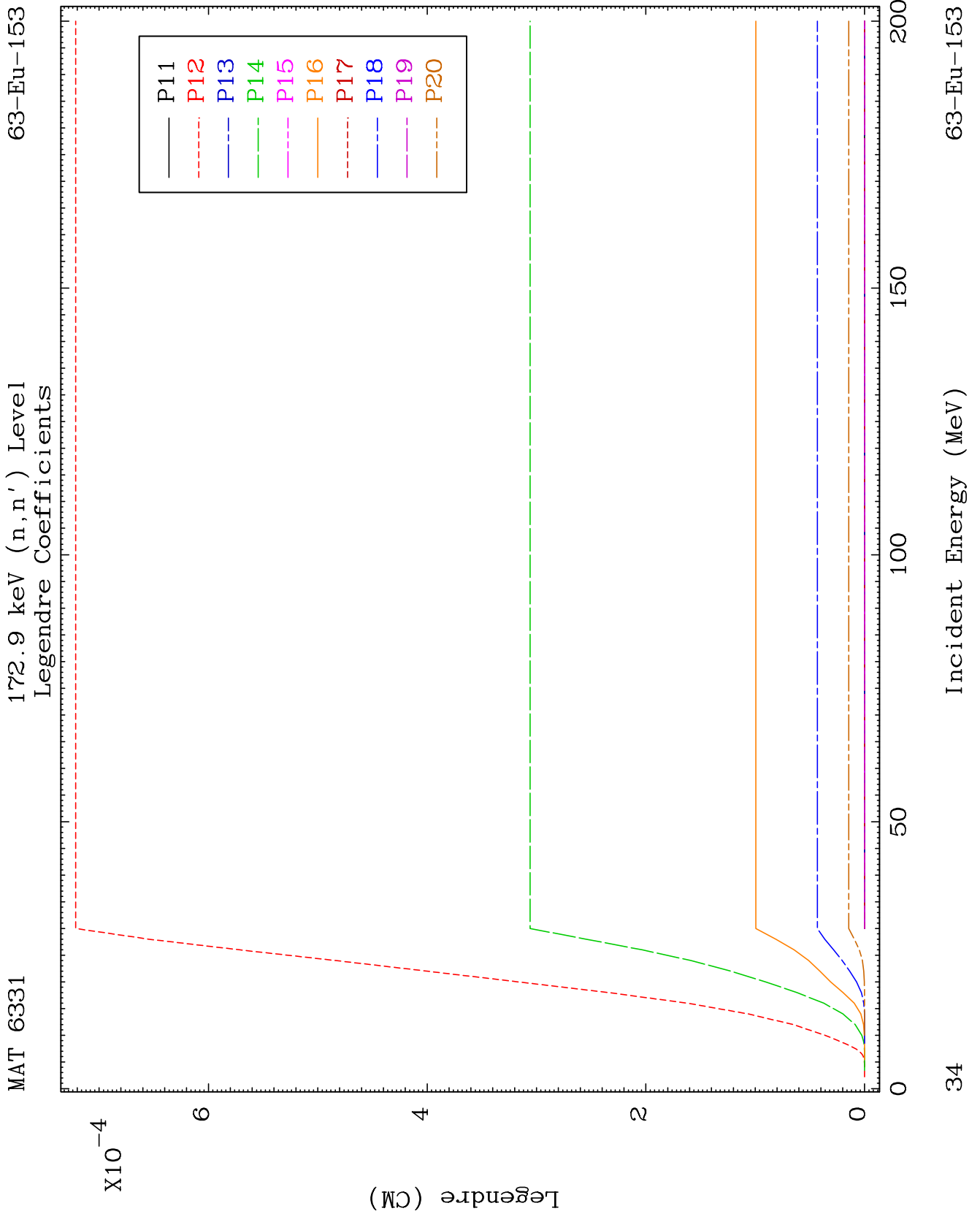


31

63-Eu-153



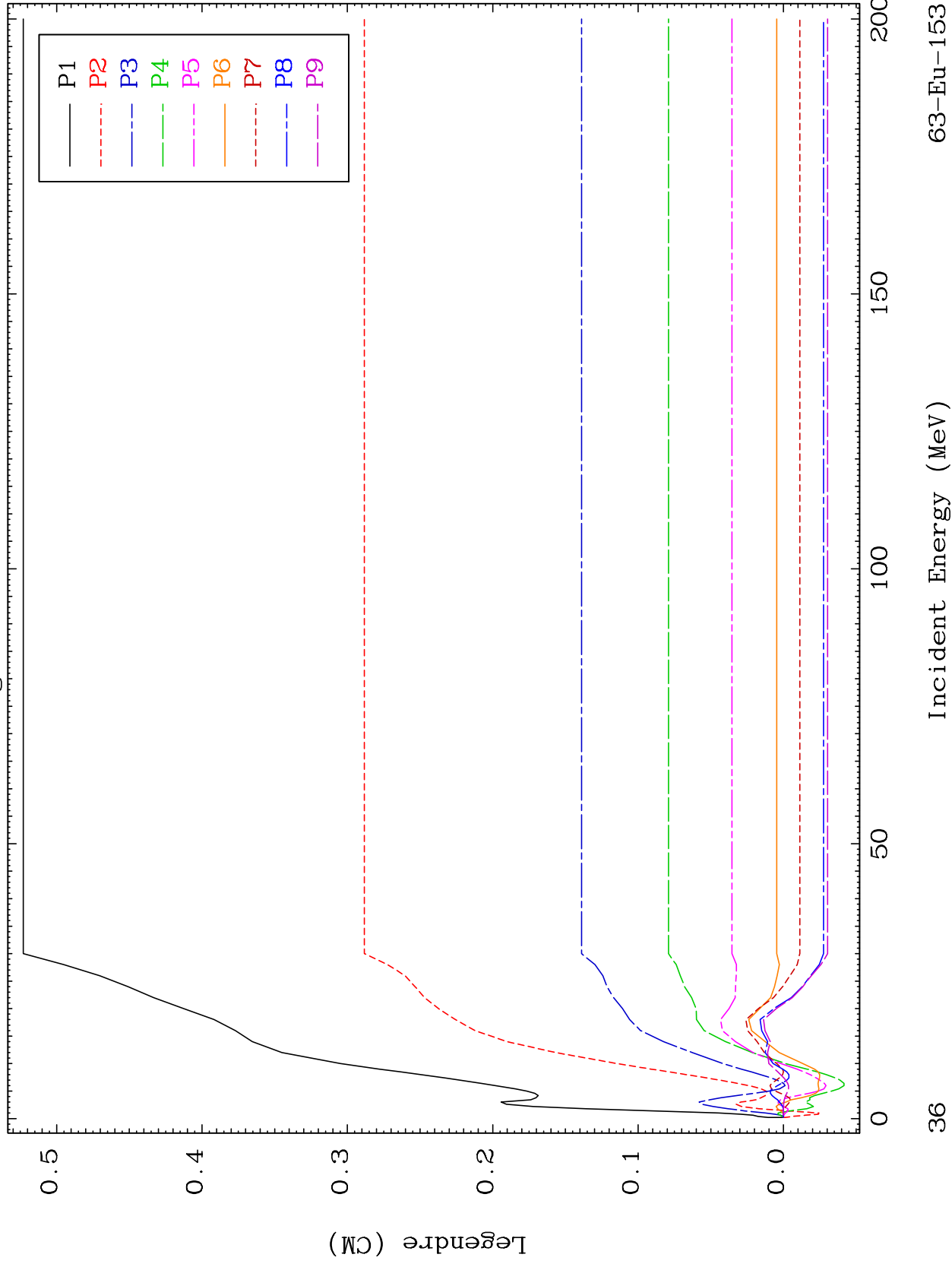




MAT 6331

193.1 keV (n, n') Level
Legendre Coefficients

63-Eu-153

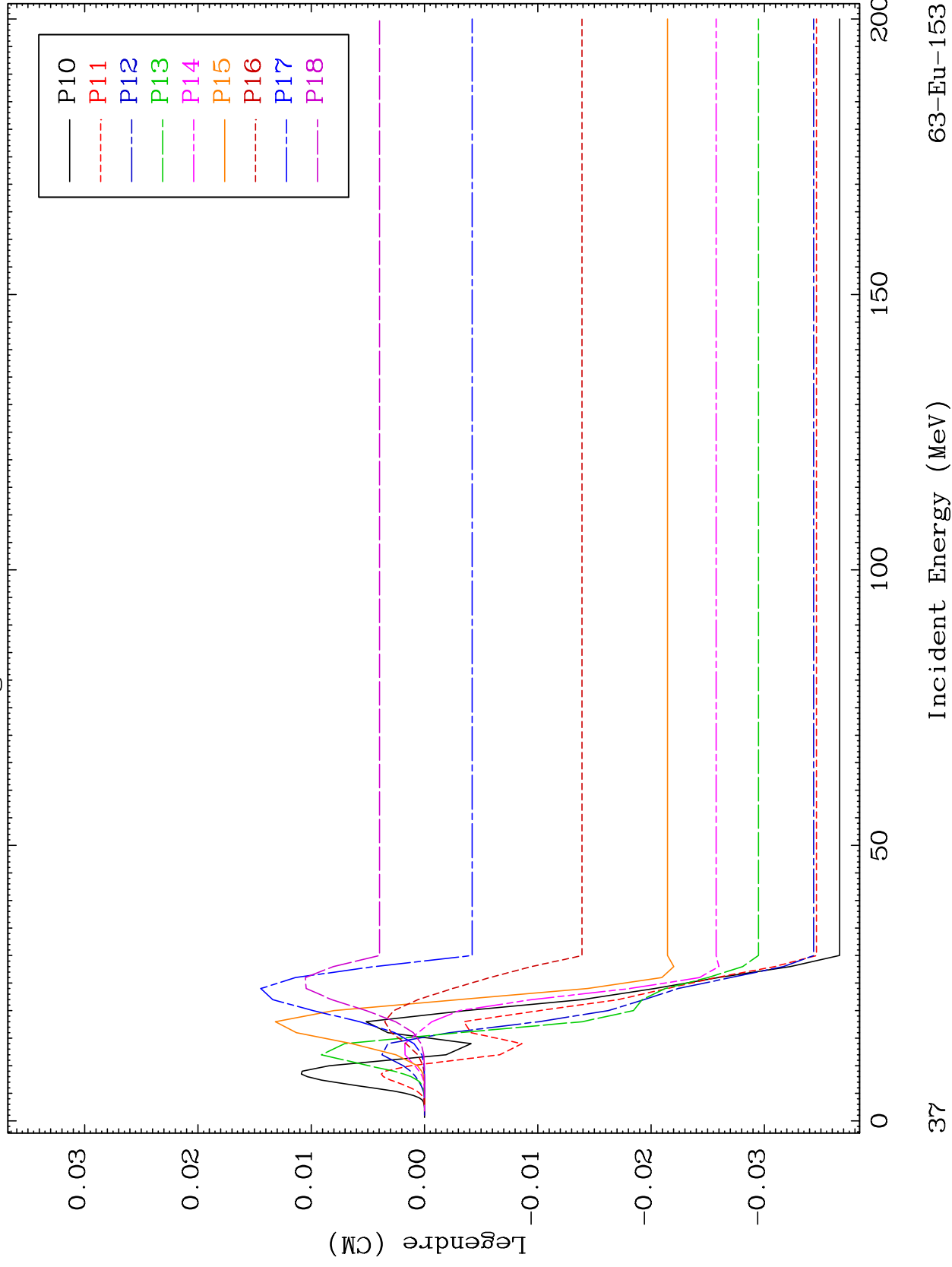


36

MAT 6331

193.1 keV (n,n') Level
Legendre Coefficients

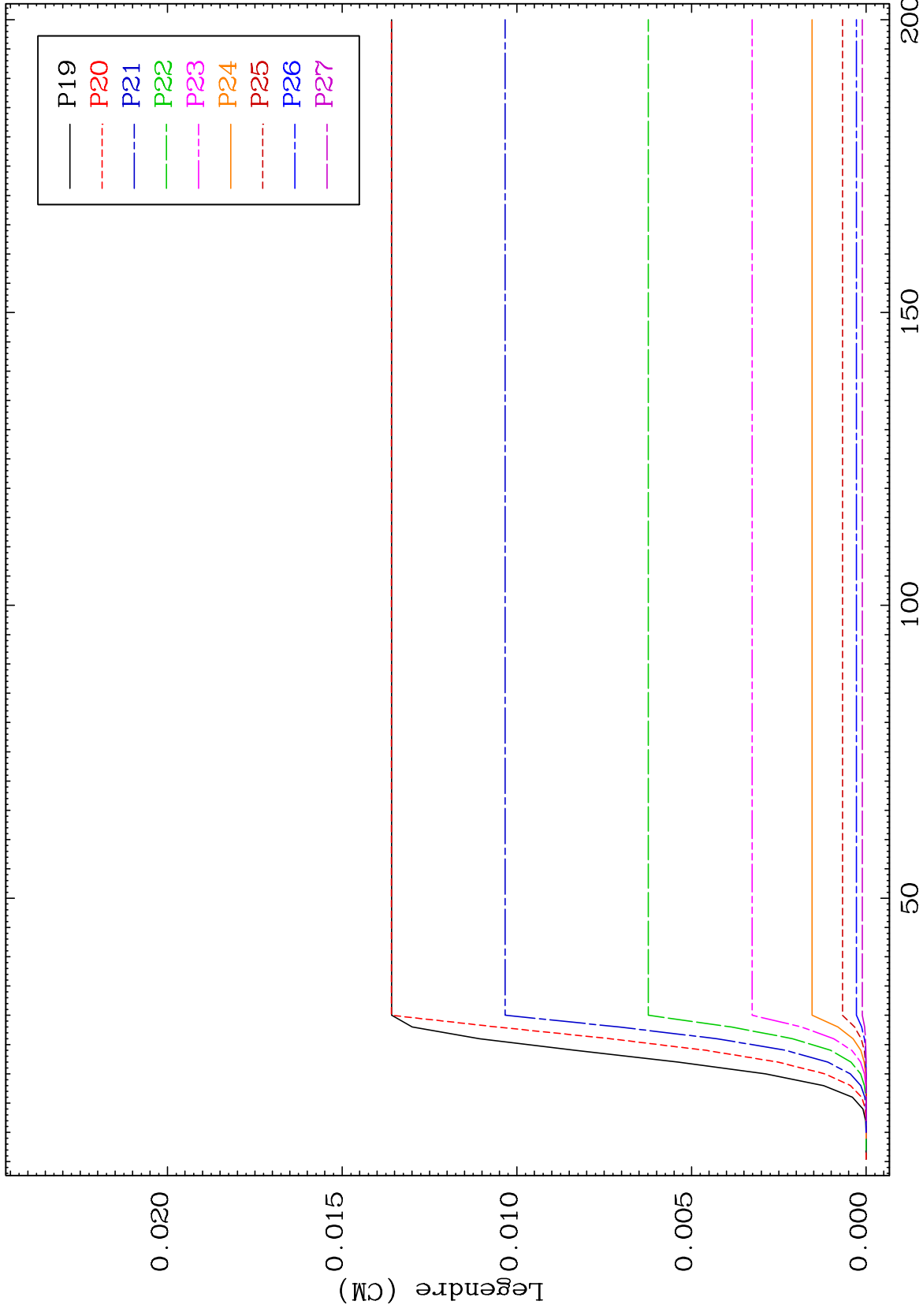
63-Eu-153



37

Incident Energy (MeV)

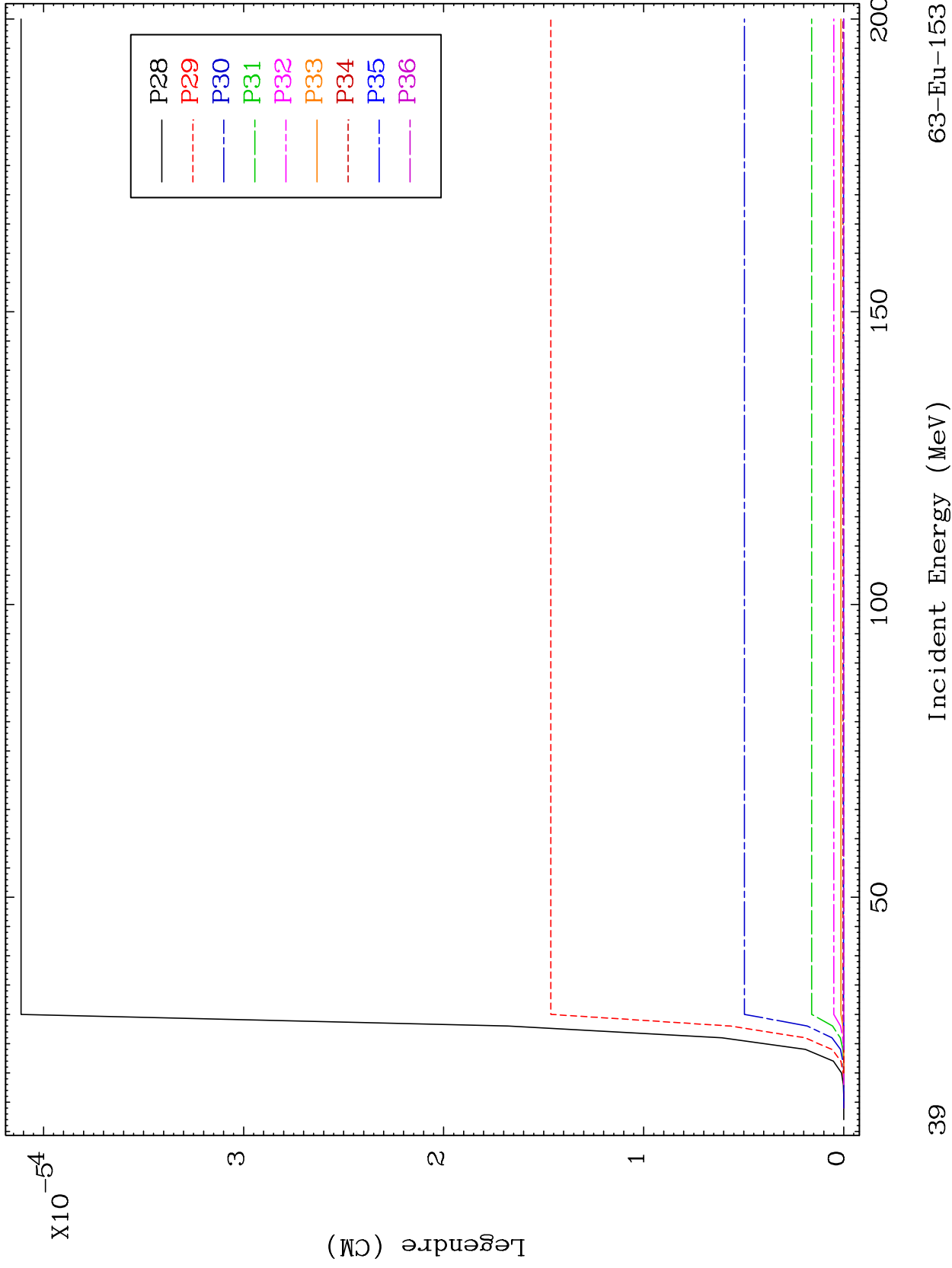
63-Eu-153



MAT 6331

193.1 keV (n,n') Level
Legendre Coefficients

63-Eu-153

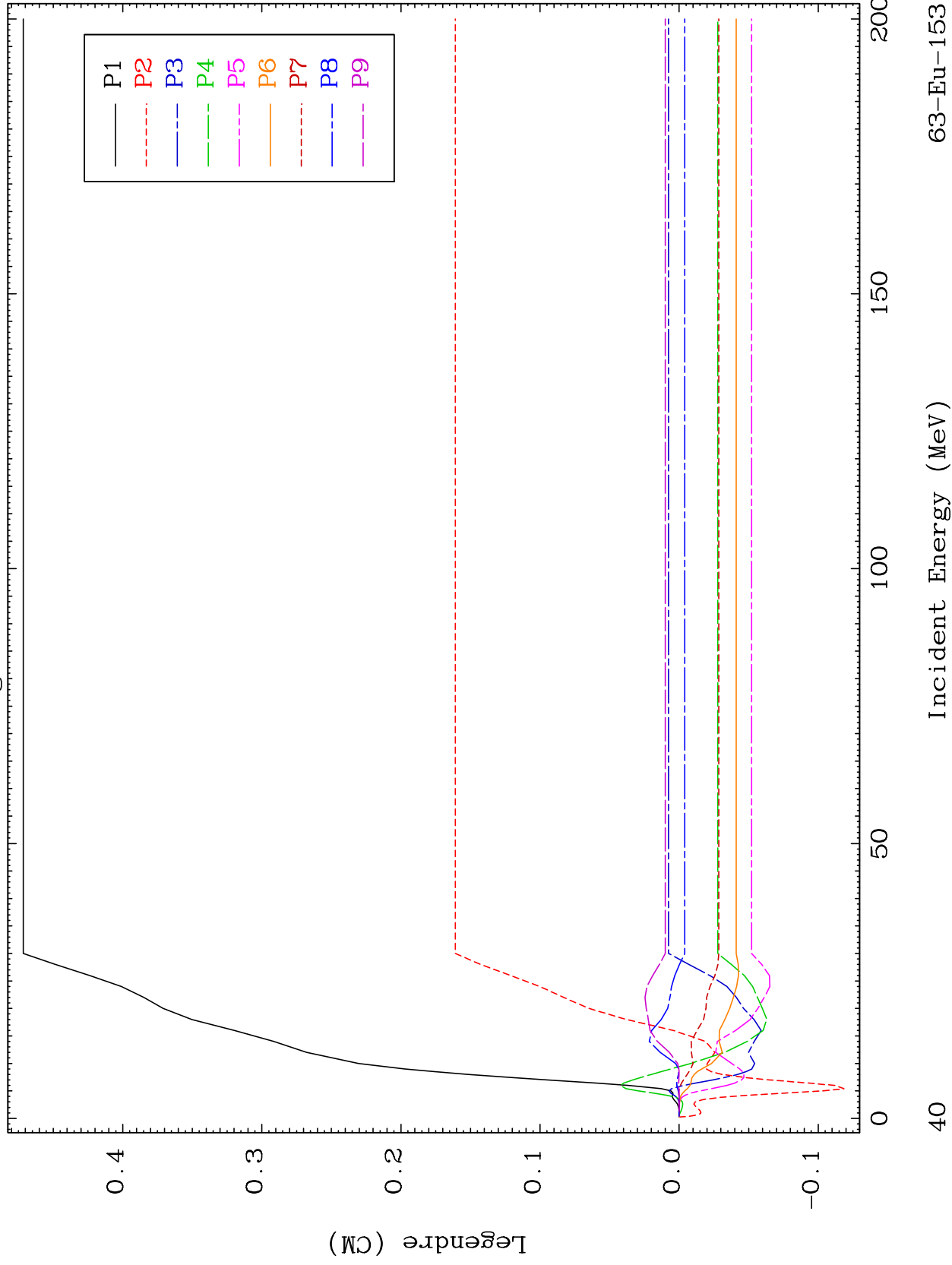


39

MAT 6331

235.3 keV (n, n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

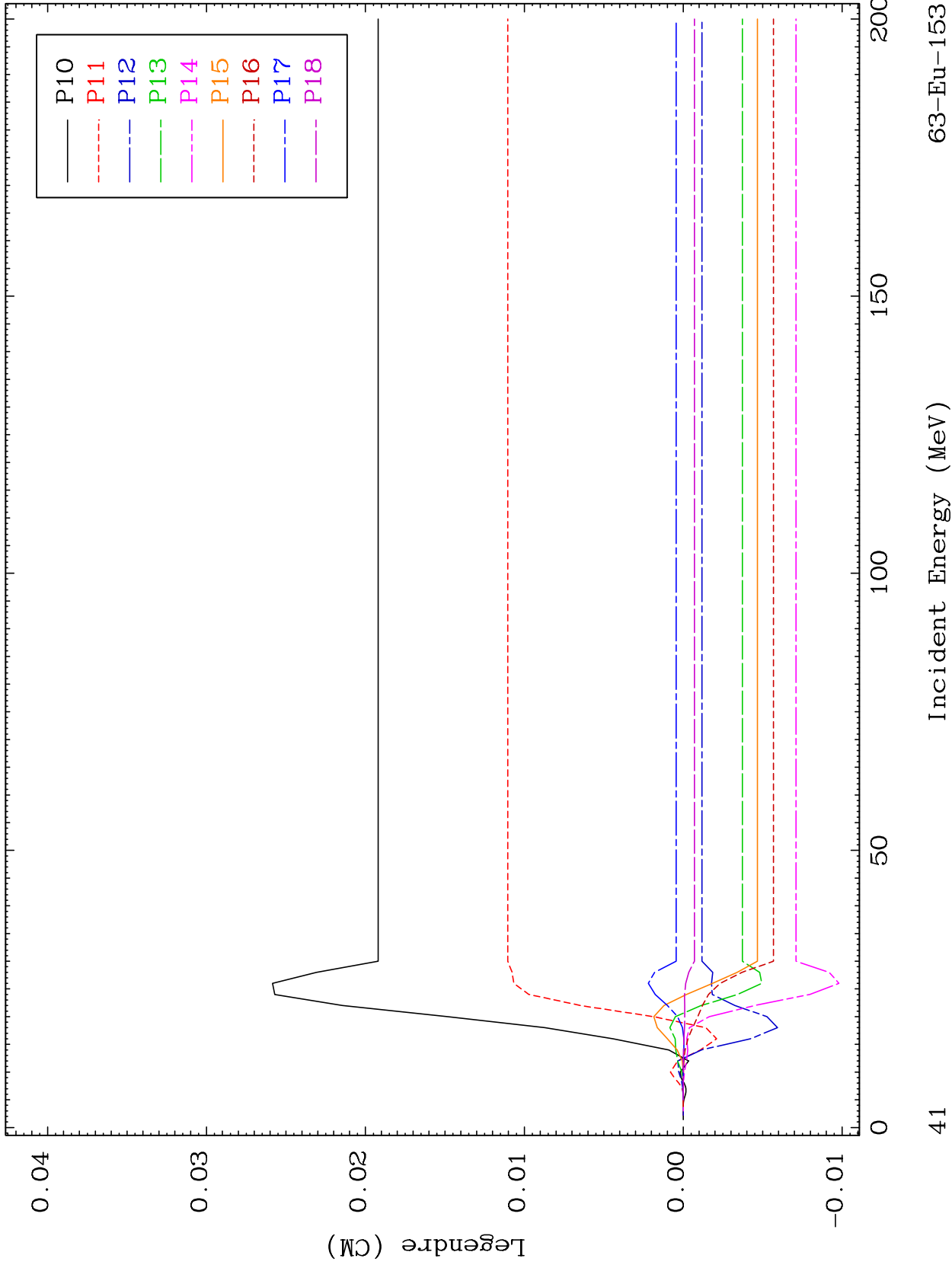
Incident Energy (MeV)

40

MAT 6331

235.3 keV (n,n') Level
Legendre Coefficients

63-Eu-153



41

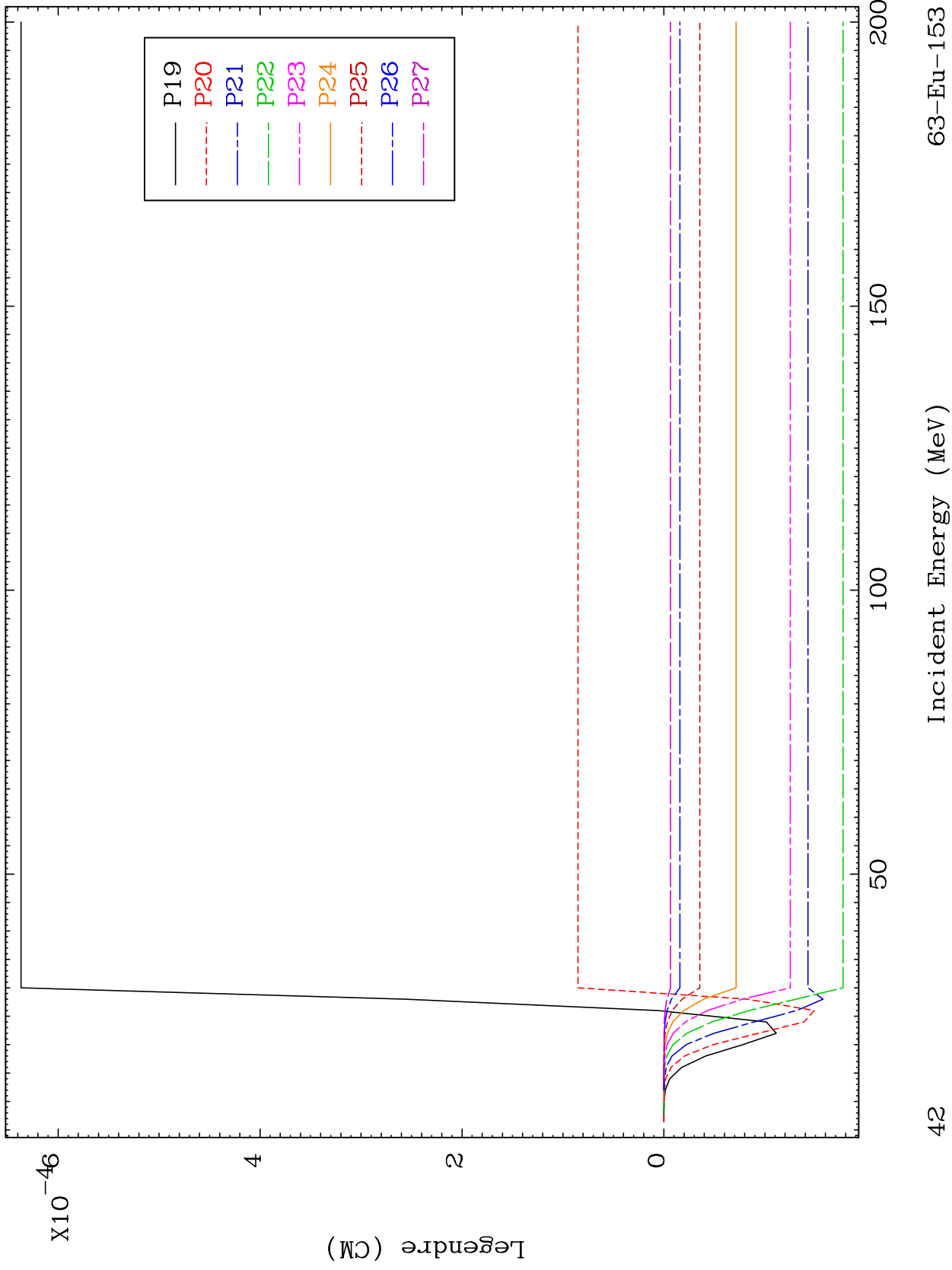
Incident Energy (MeV)

63-Eu-153

MAT 6331

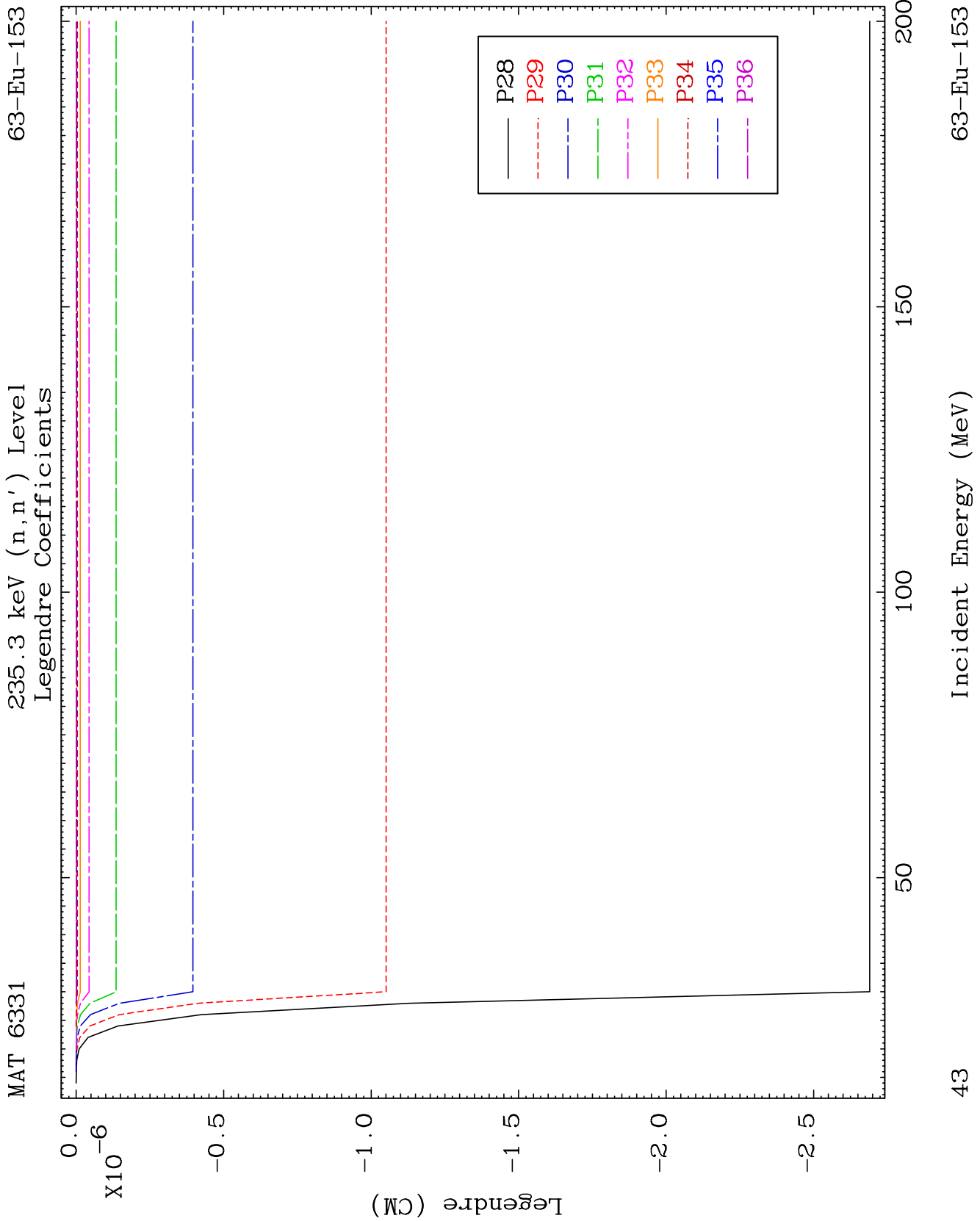
235.3 keV (n, n') Level
Legendre Coefficients

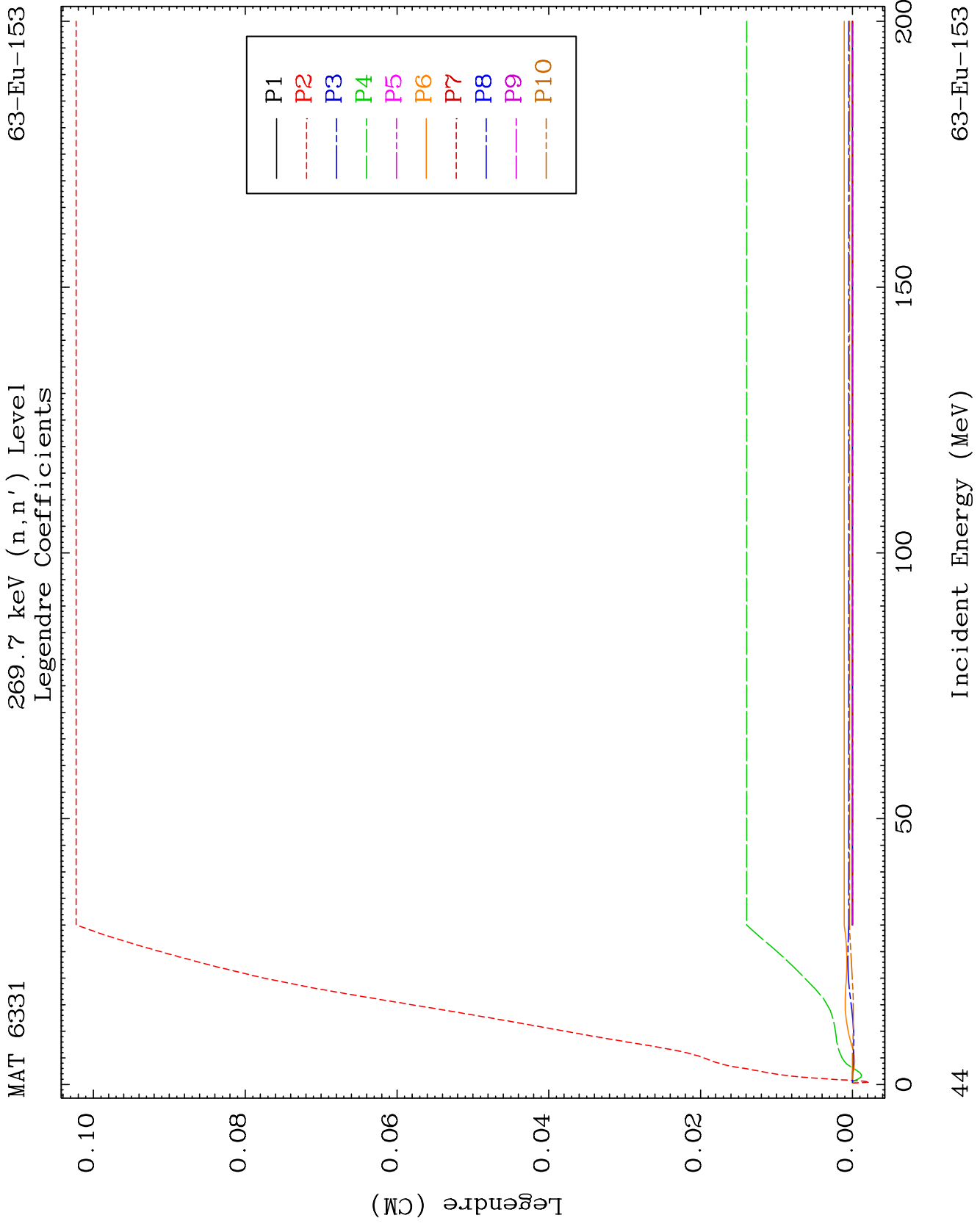
63-Eu-153



42

63-Eu-153

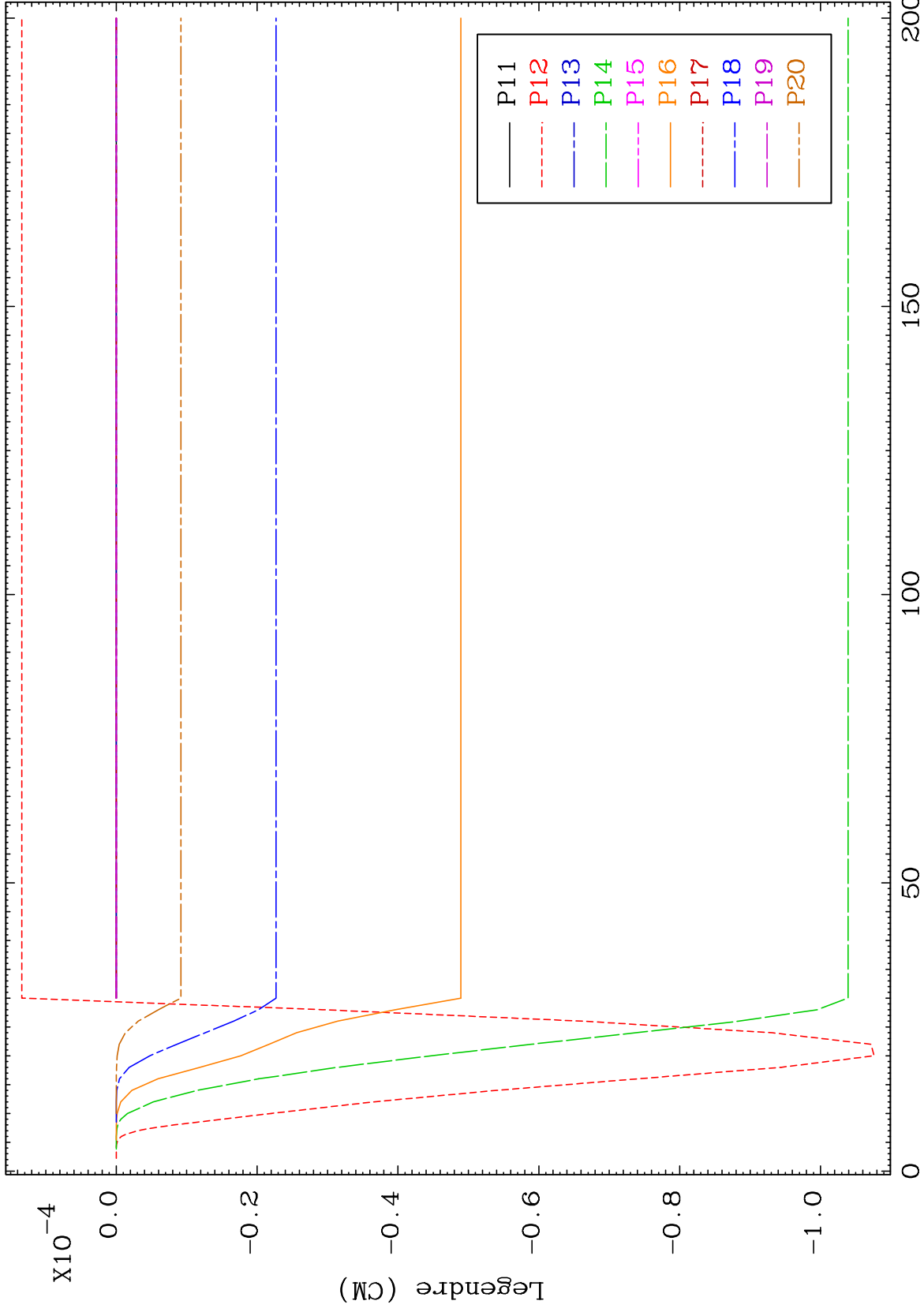




MAT 6331

269.7 keV (n,n') Level
Legendre Coefficients

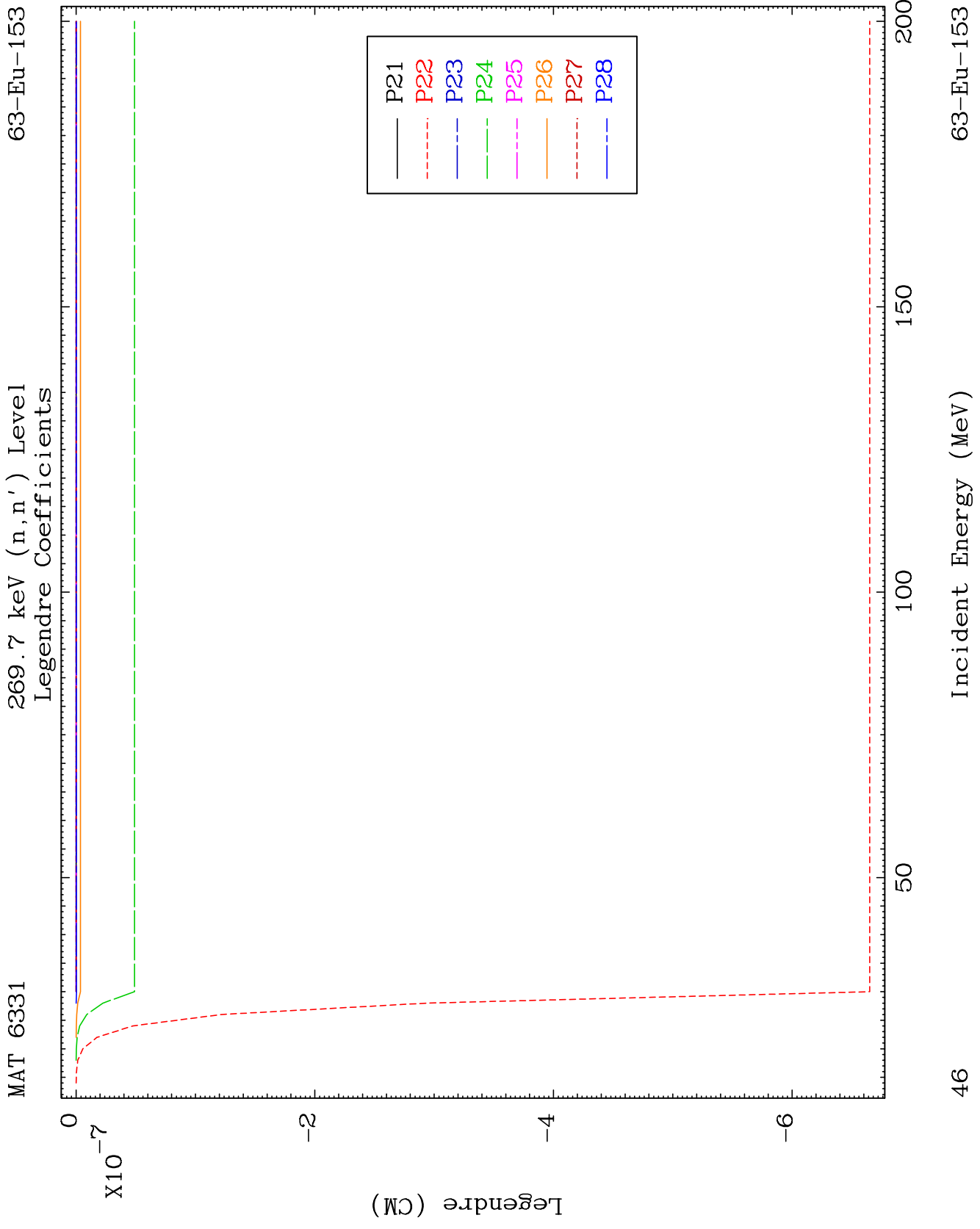
63-Eu-153



45

Incident Energy (MeV)

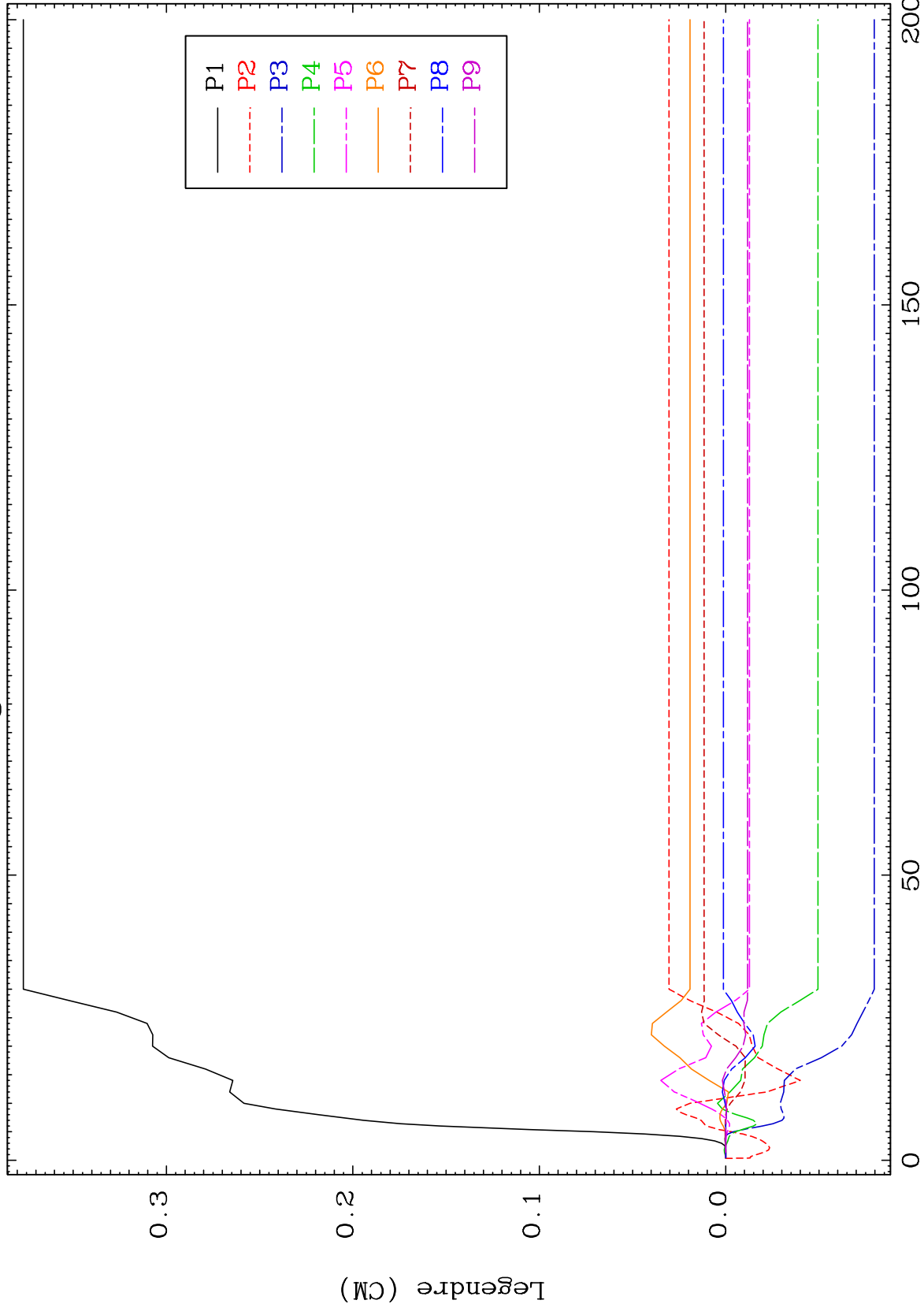
63-Eu-153



MAT 6331

321.9 keV (n,n') Level
Legendre Coefficients

63-Eu-153



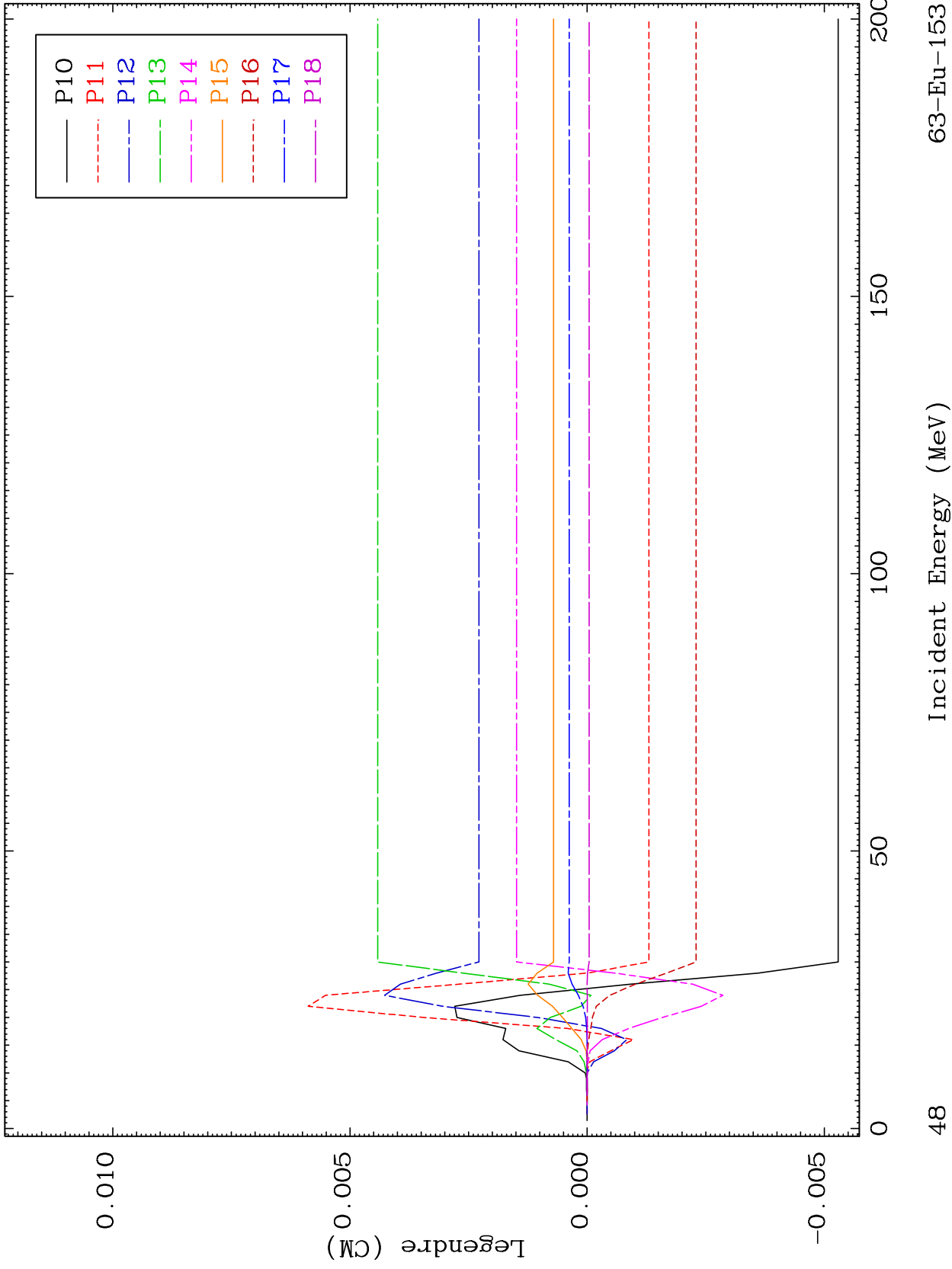
47

63-Eu-153

MAT 6331

321.9 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

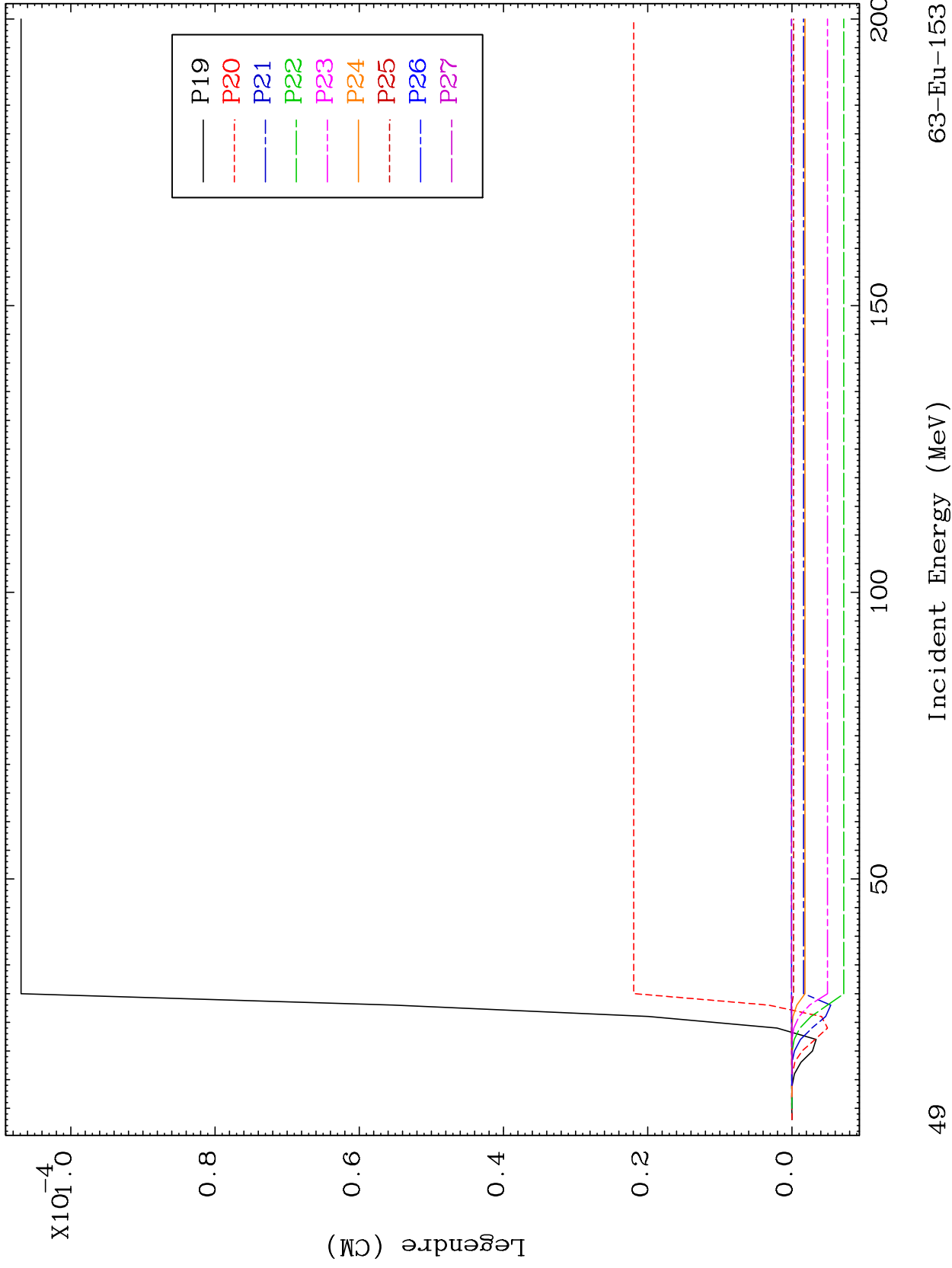
Incident Energy (MeV)

48

MAT 6331

321.9 keV (n,n') Level
Legendre Coefficients

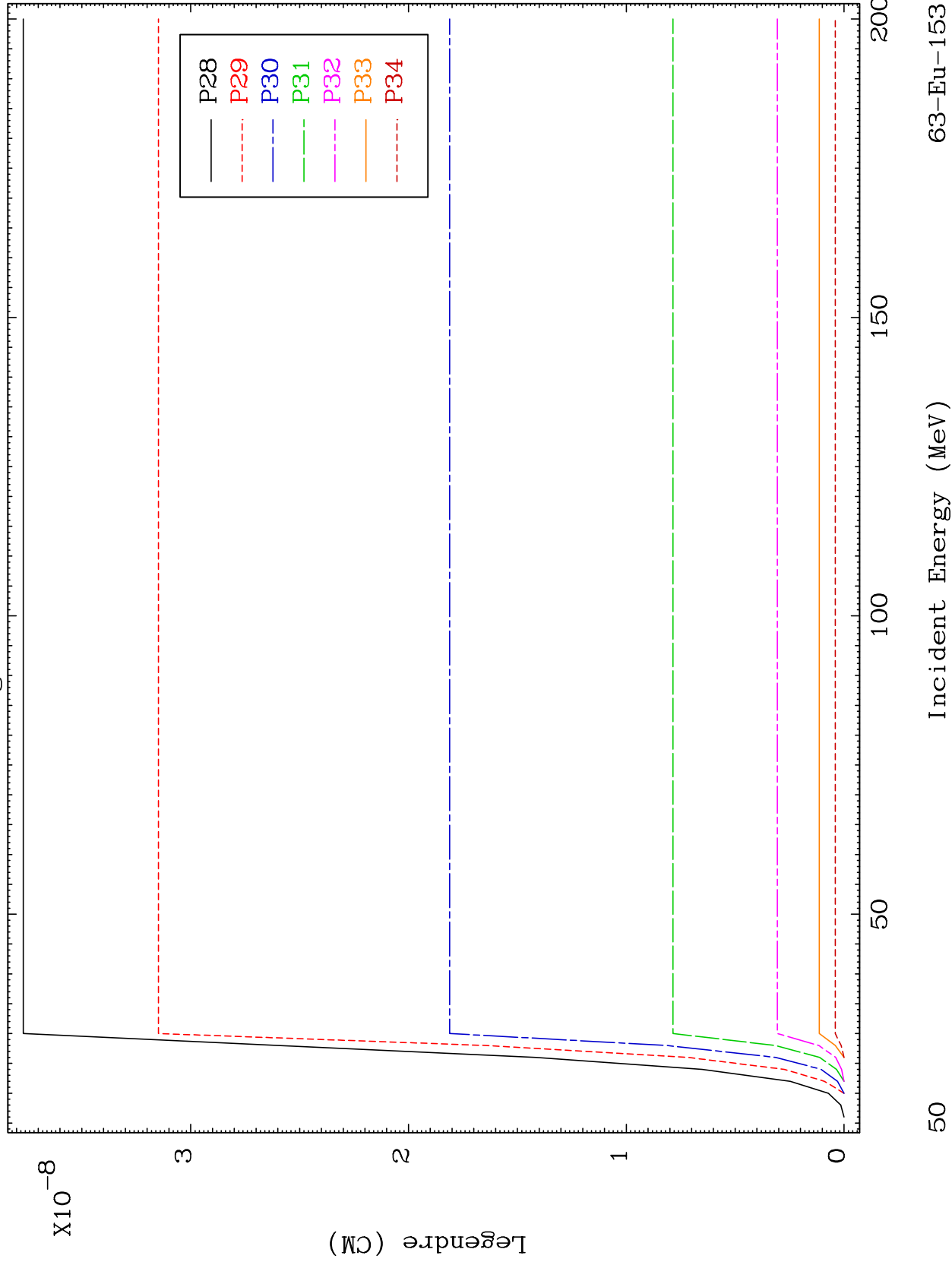
63-Eu-153



MAT 6331

321.9 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

Incident Energy (MeV)

50

50

100

150

200

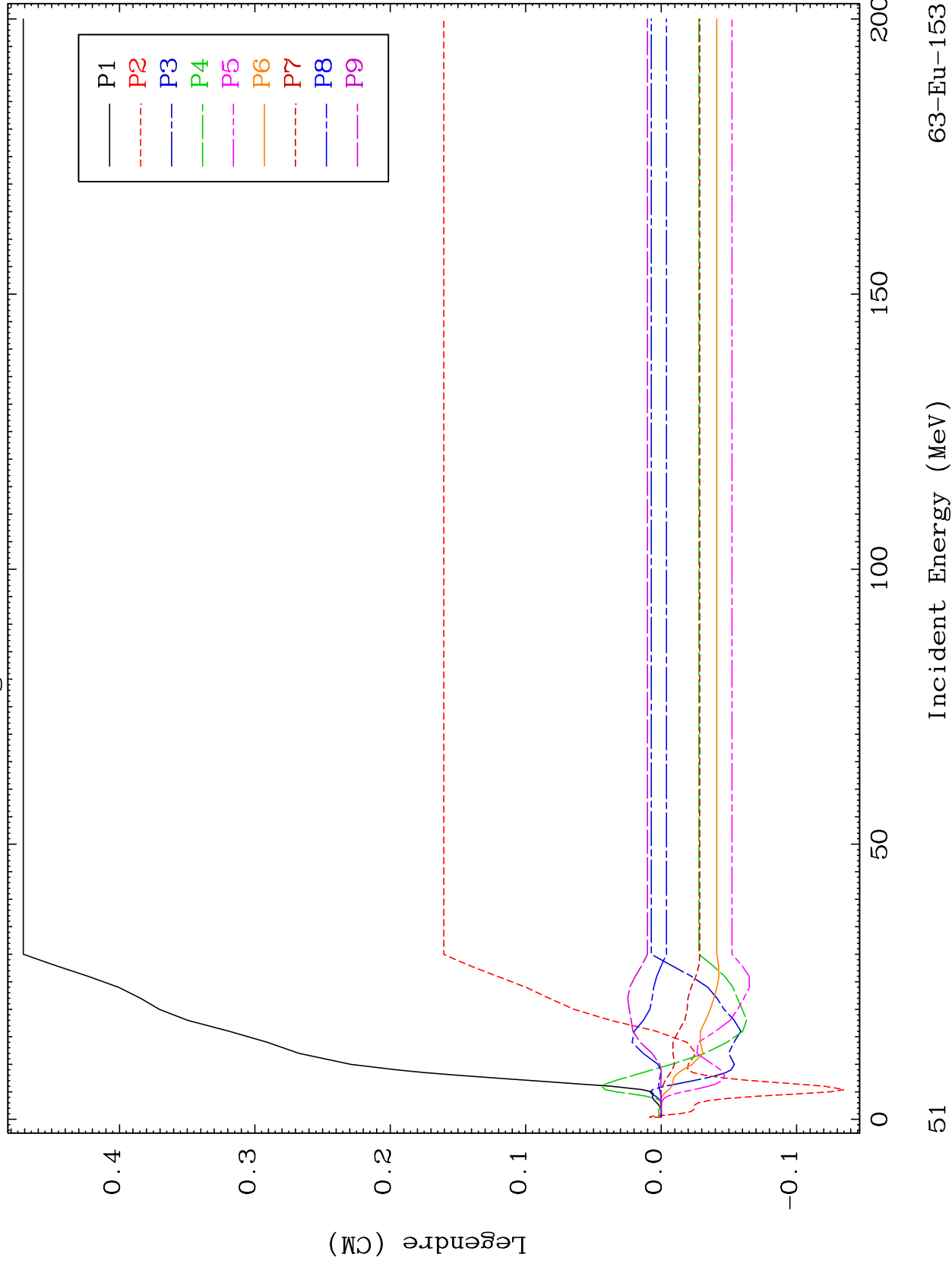
X10⁻⁸

Legendre (CM)

MAT 6331

325.1 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

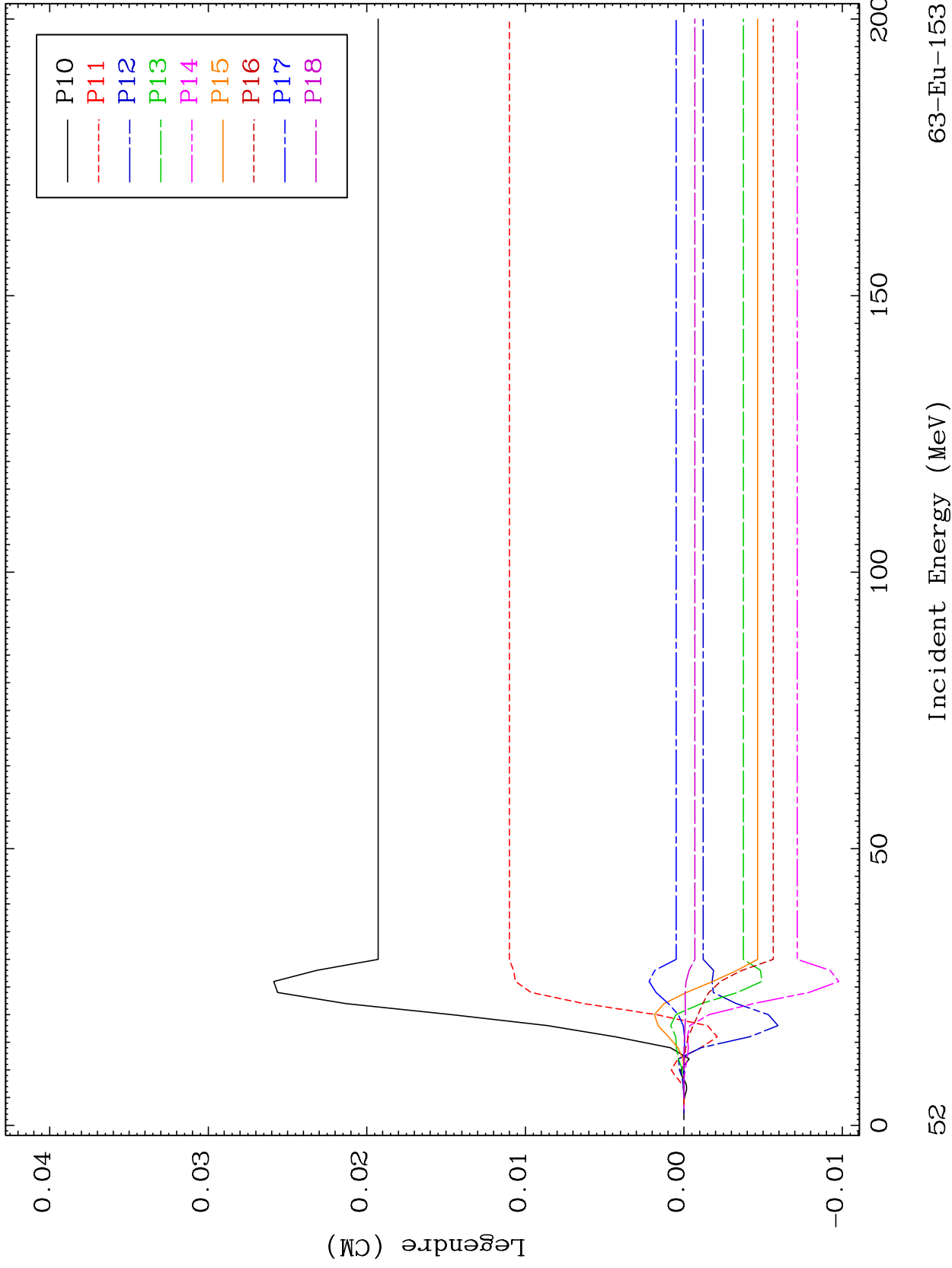
Incident Energy (MeV)

51

MAT 6331

325.1 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

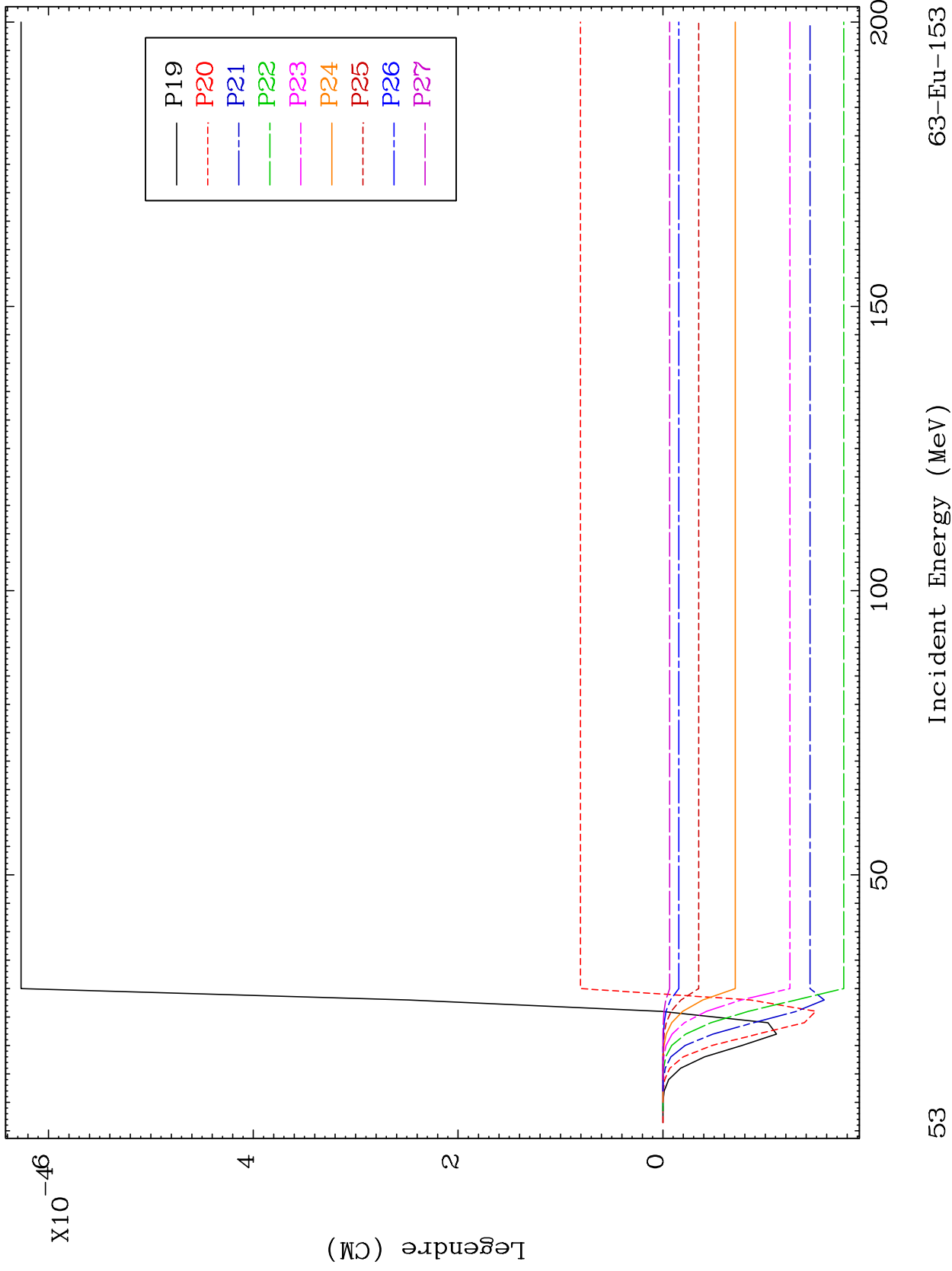
Incident Energy (MeV)

52

MAT 6331

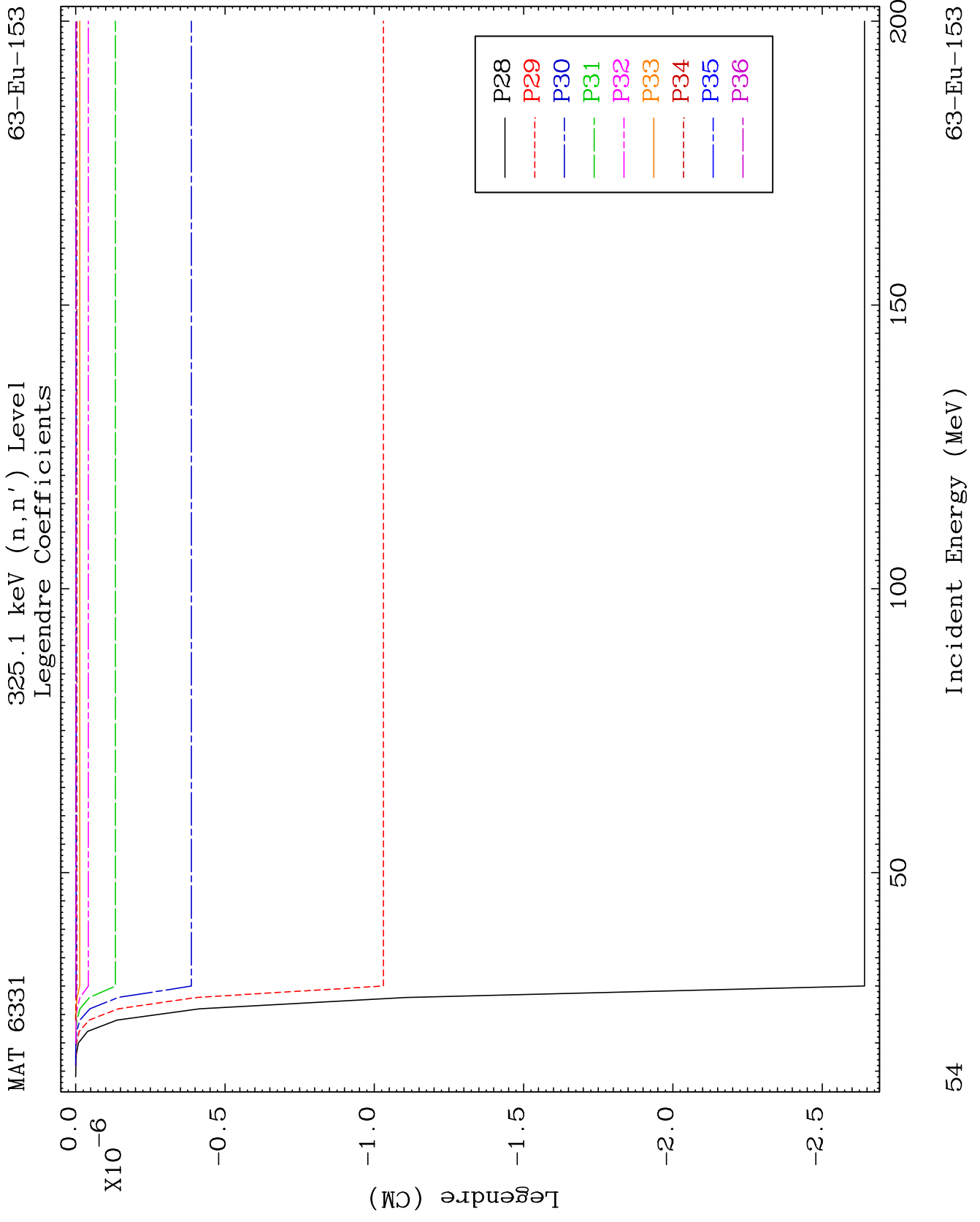
325.1 keV (n,n') Level
Legendre Coefficients

63-Eu-153



53

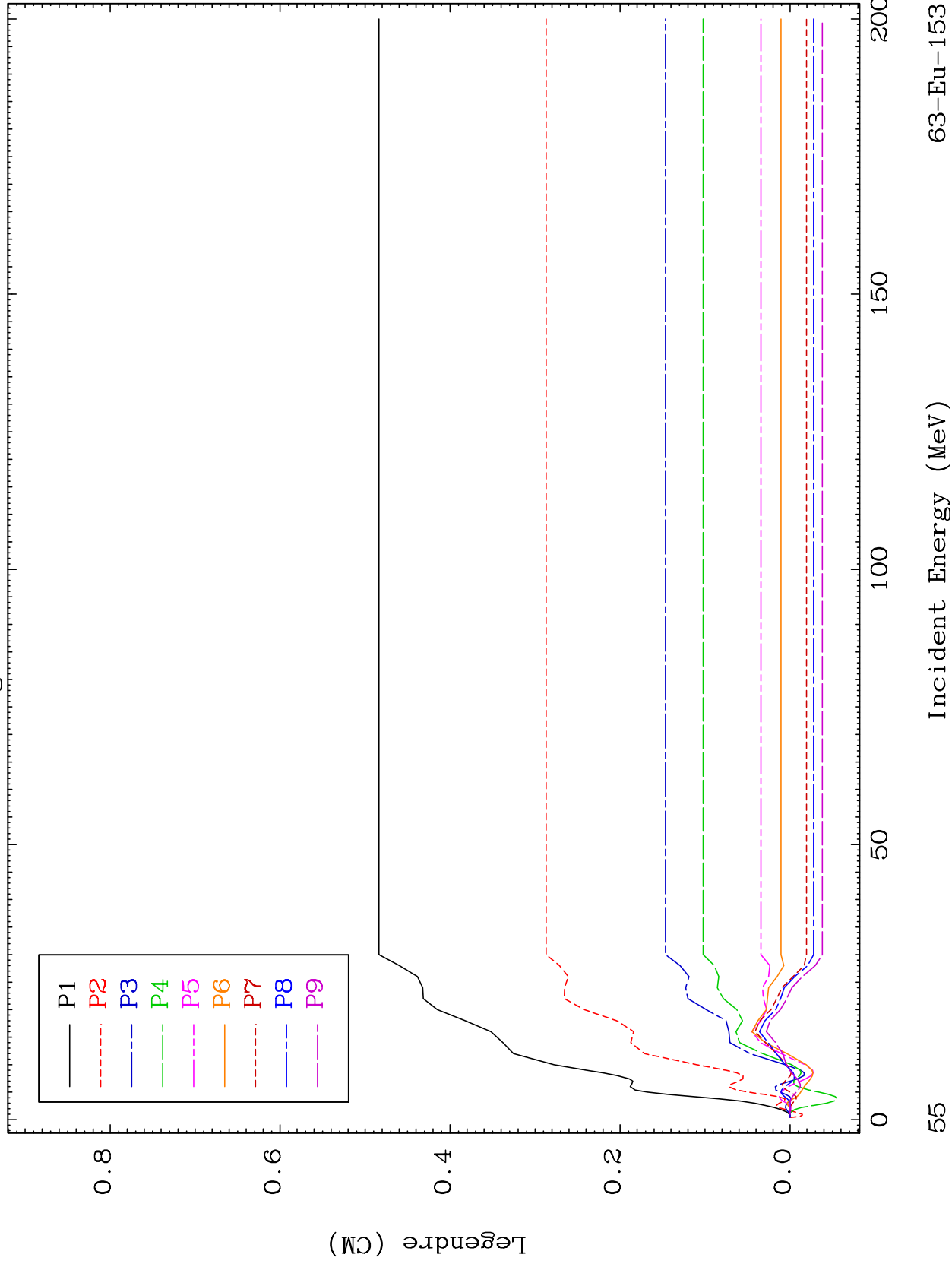
63-Eu-153



MAT 6331

396.4 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

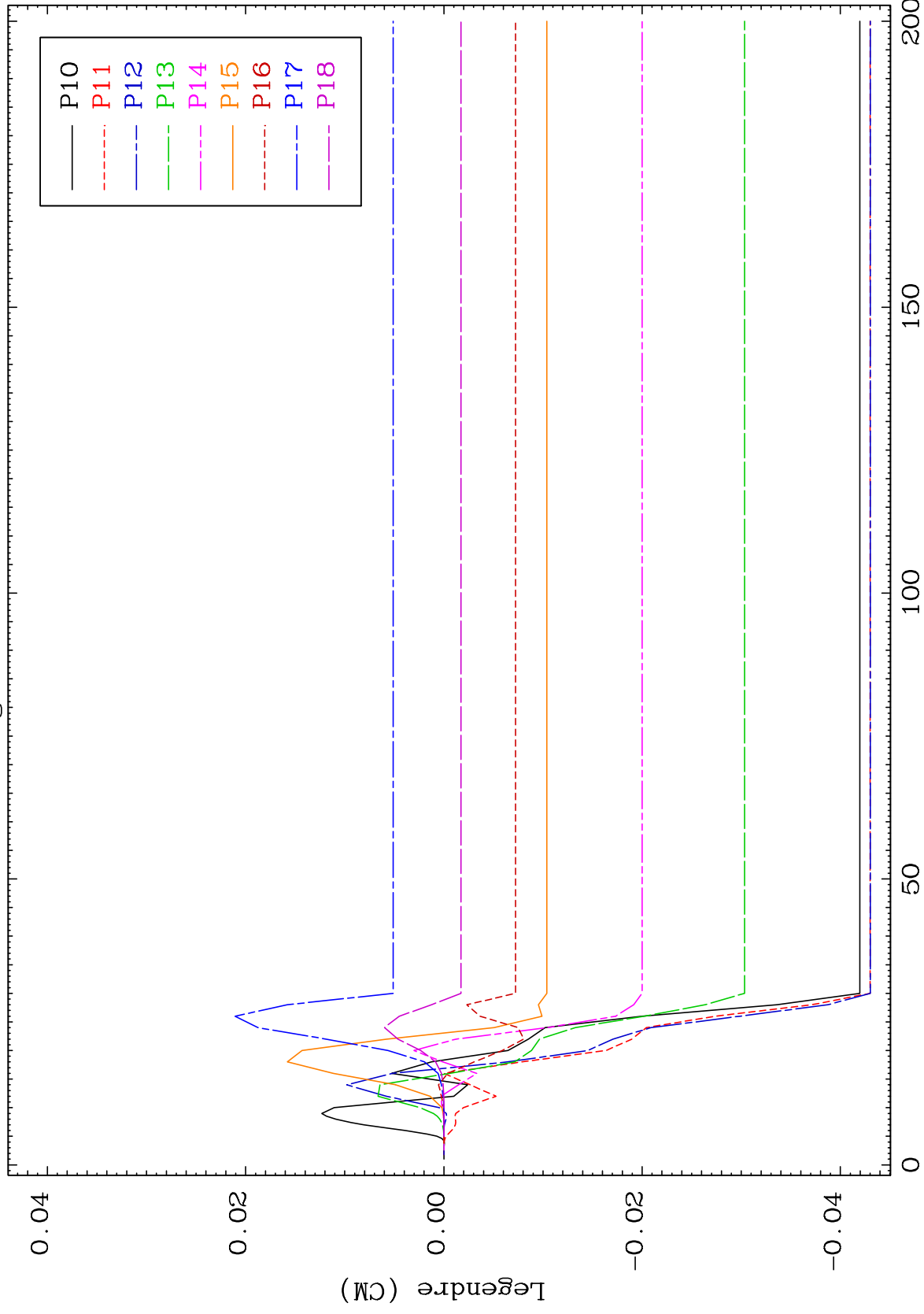
Incident Energy (MeV)

55

MAT 6331

396.4 keV (n,n') Level
Legendre Coefficients

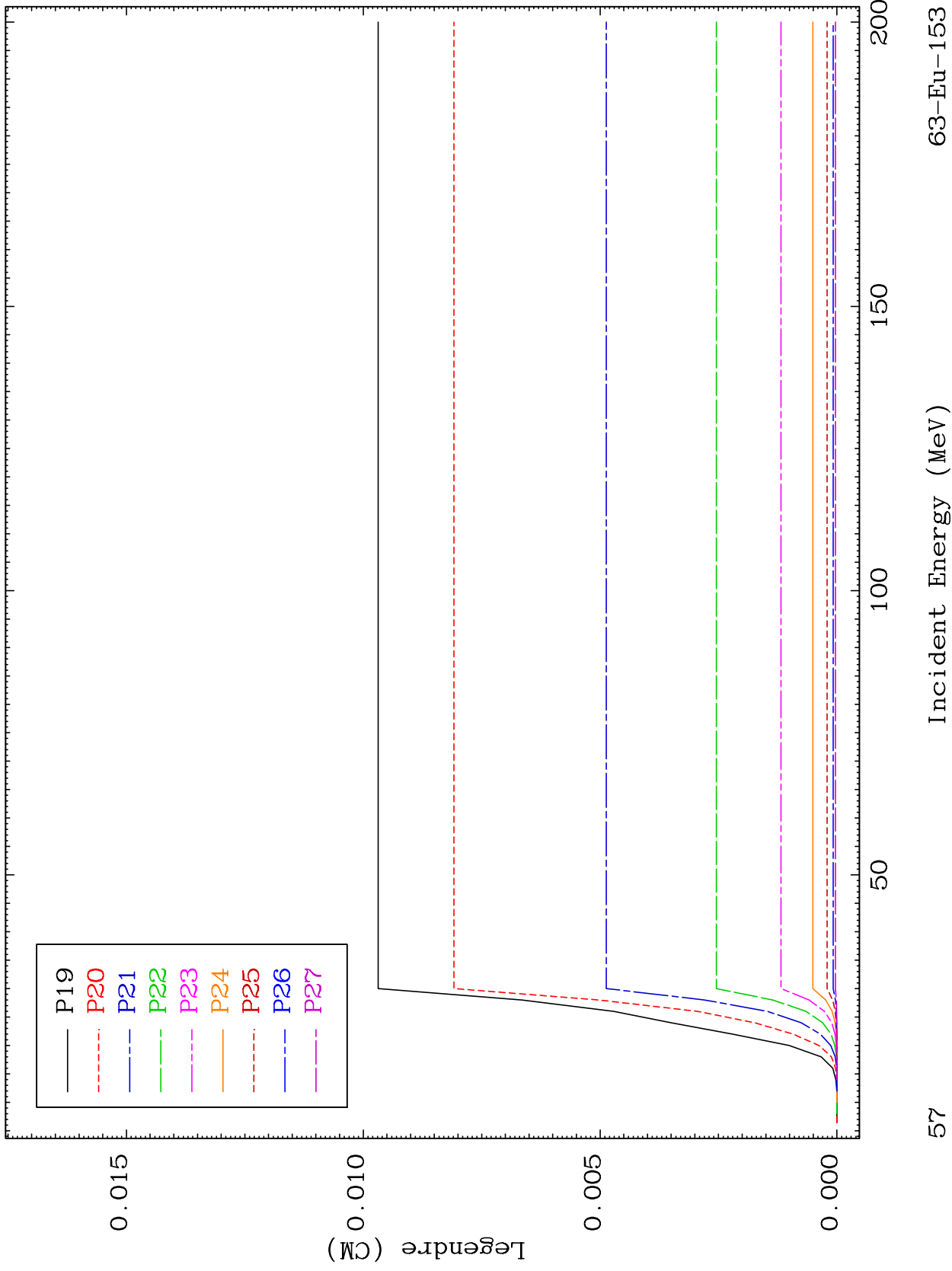
63-Eu-153



56

Incident Energy (MeV)

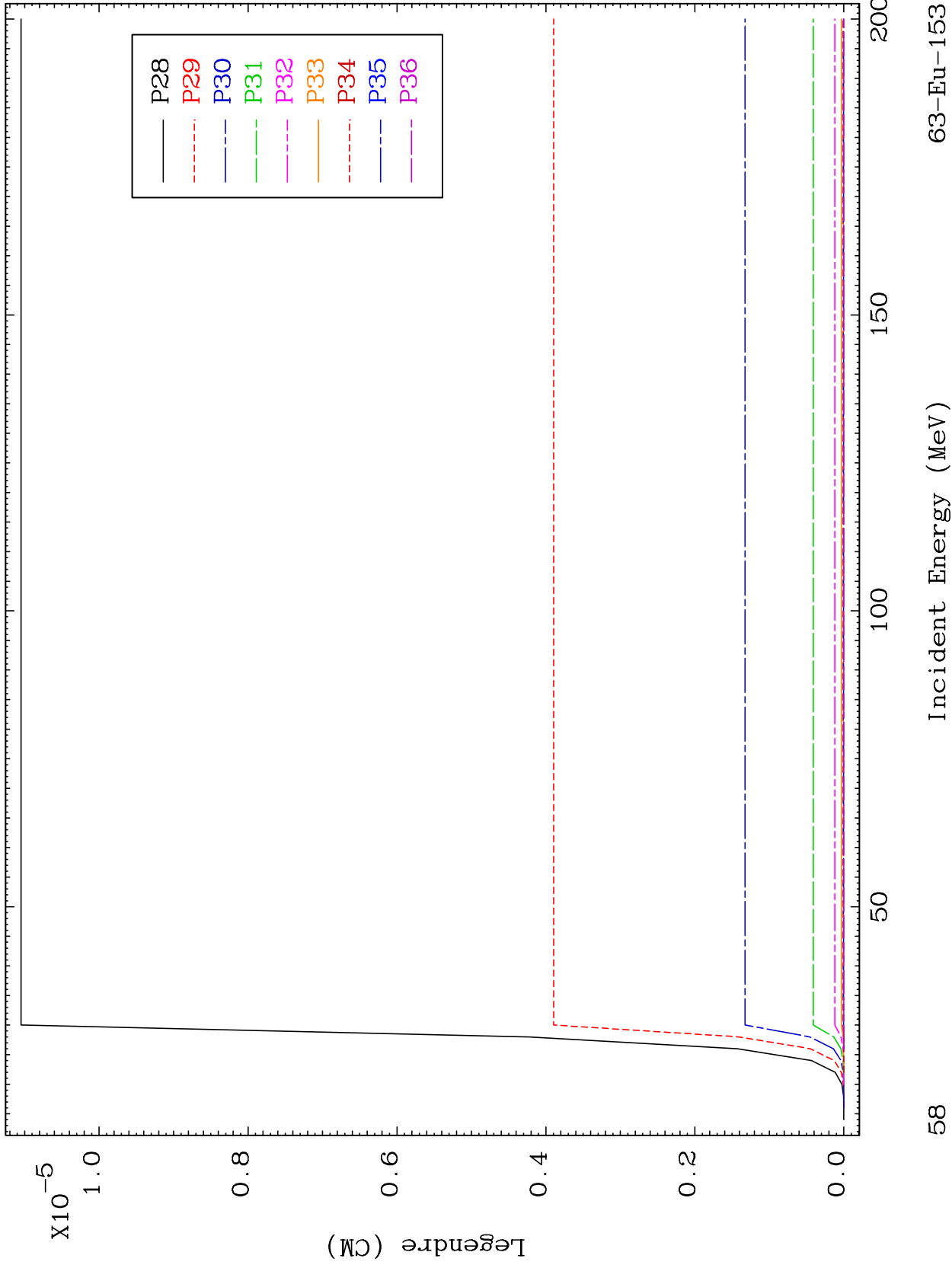
63-Eu-153



MAT 6331

396.4 keV (n,n') Level
Legendre Coefficients

63-Eu-153



58

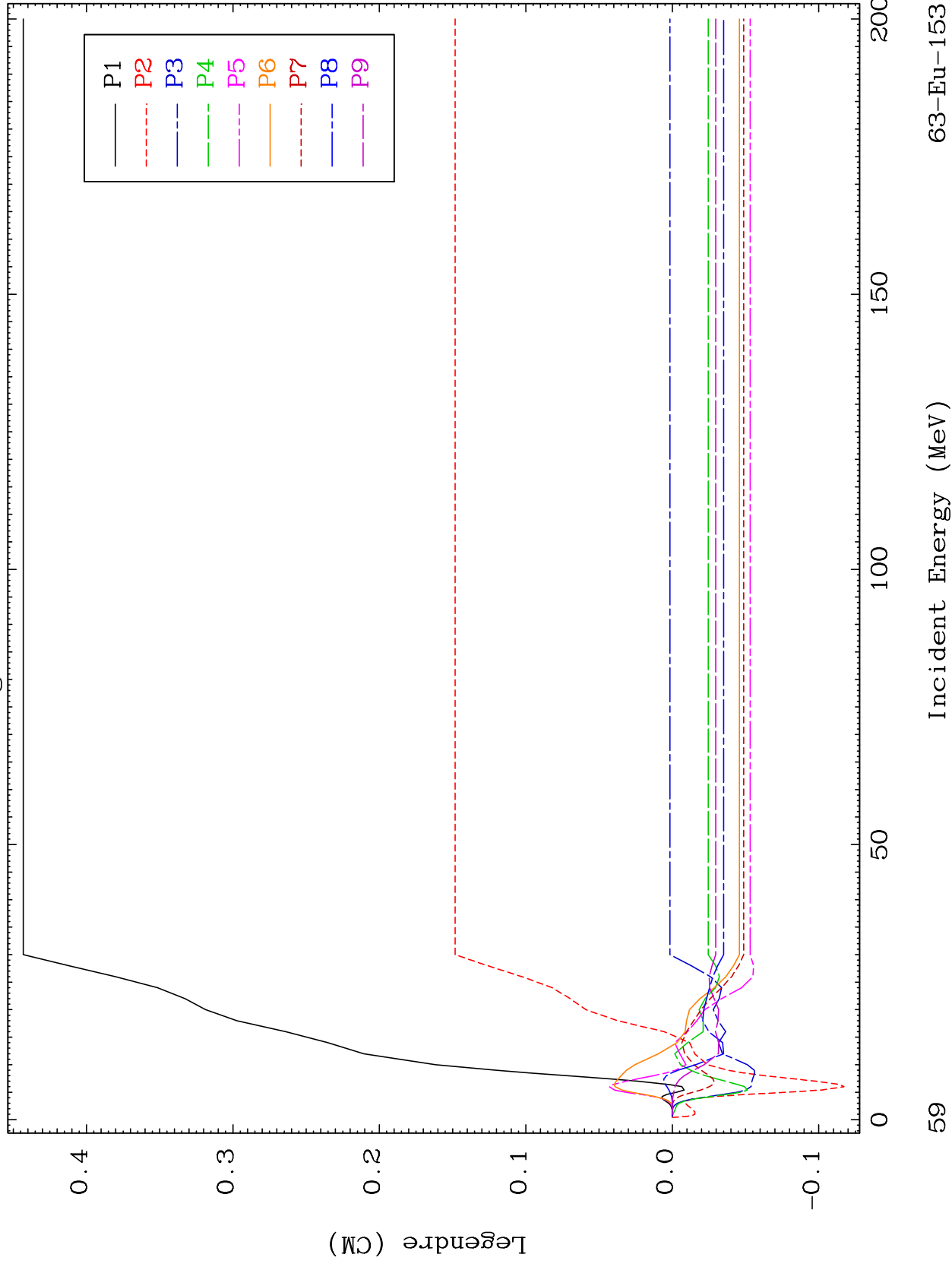
Incident Energy (MeV)

63-Eu-153

MAT 6331

403.3 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

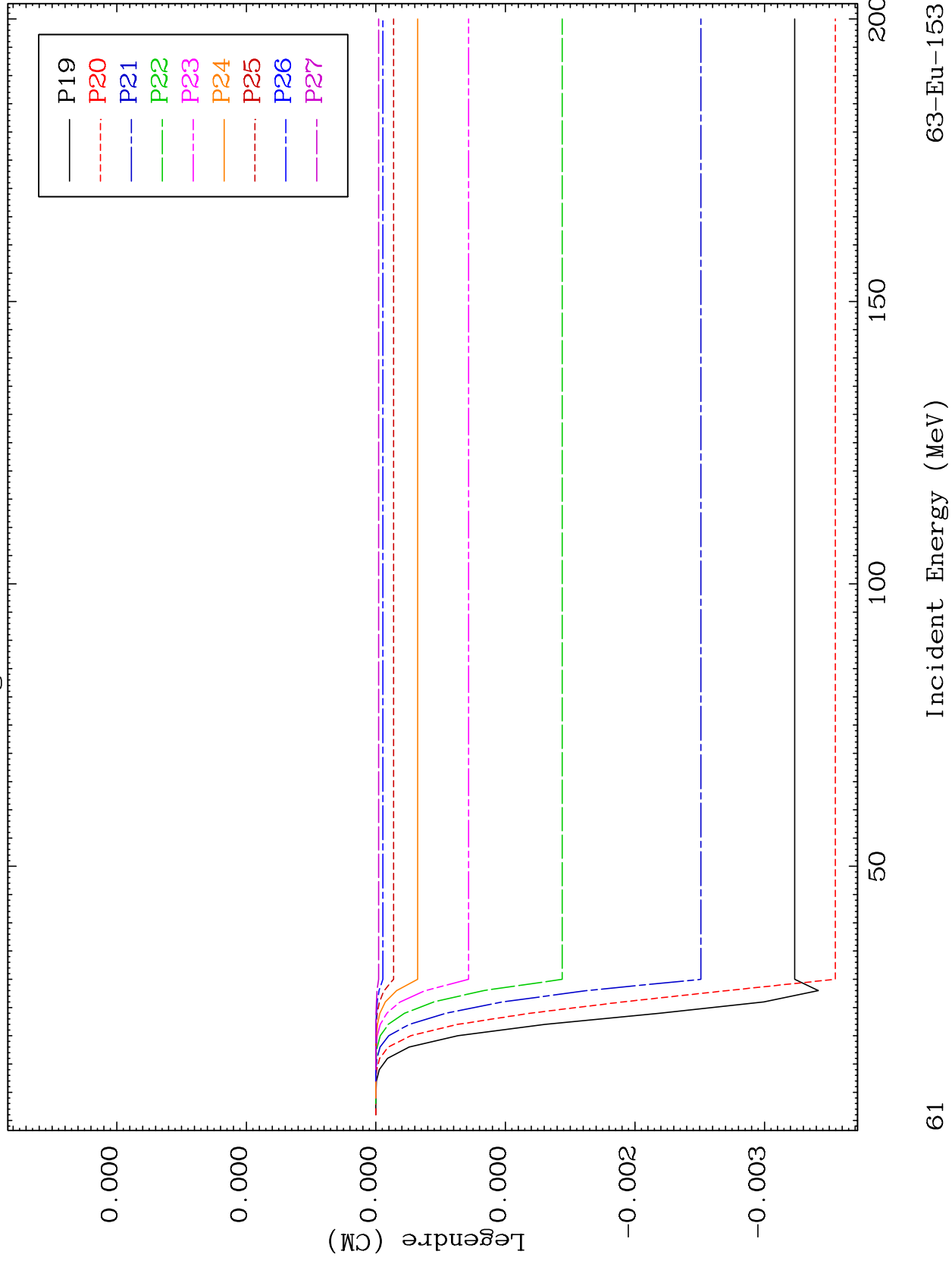
Incident Energy (MeV)

59

MAT 6331

403.3 keV (n,n') Level
Legendre Coefficients

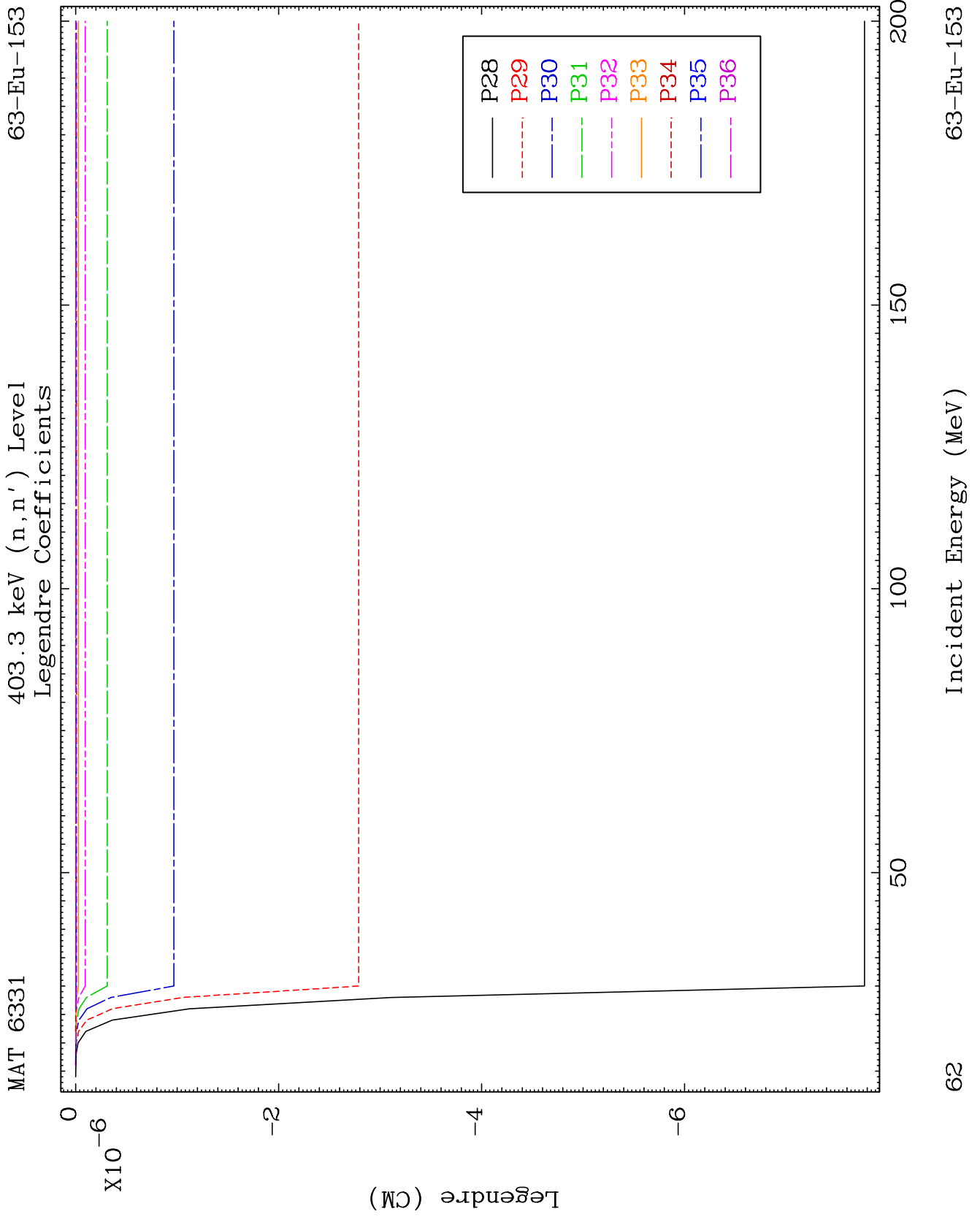
63-Eu-153

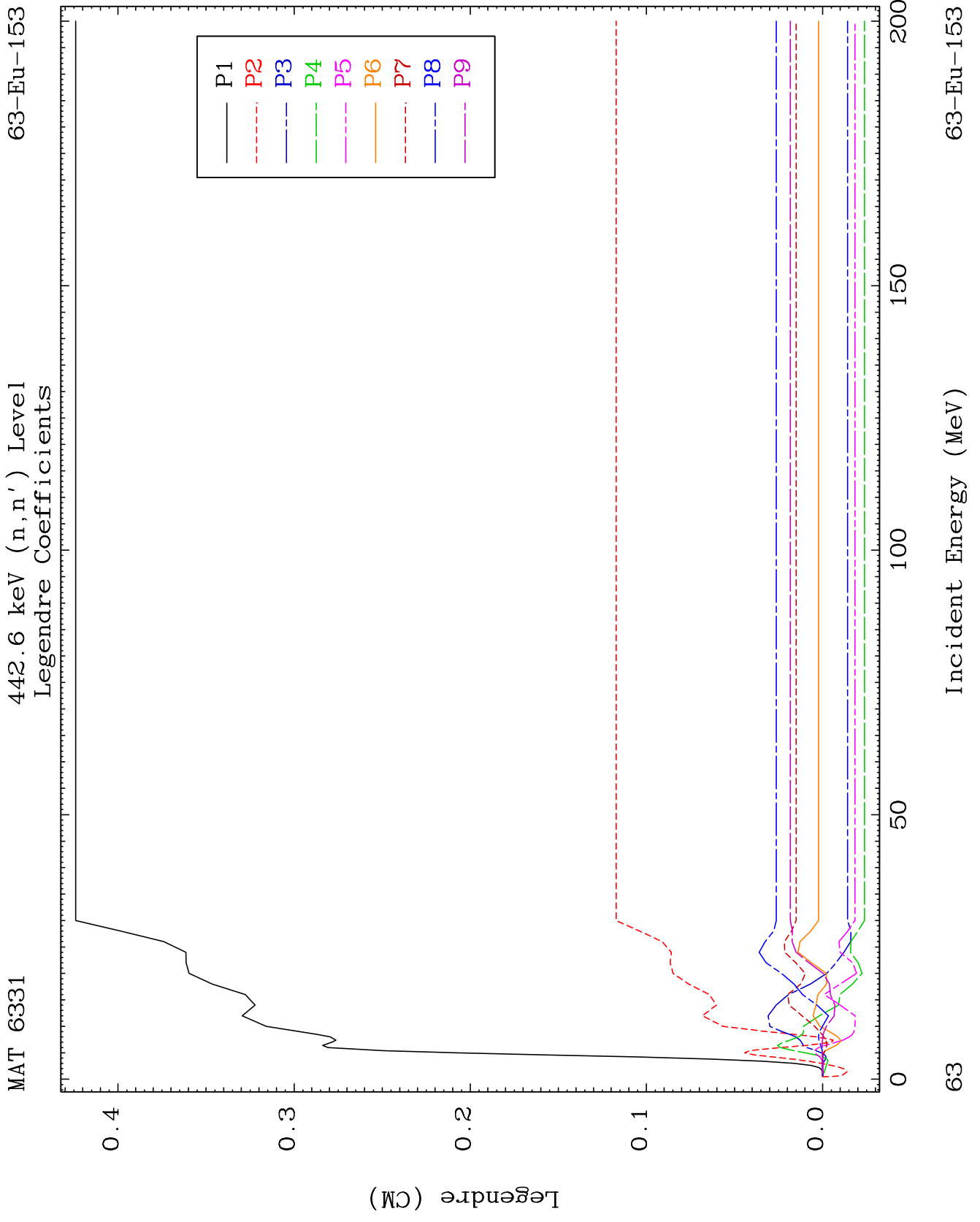


61

Incident Energy (MeV)

63-Eu-153

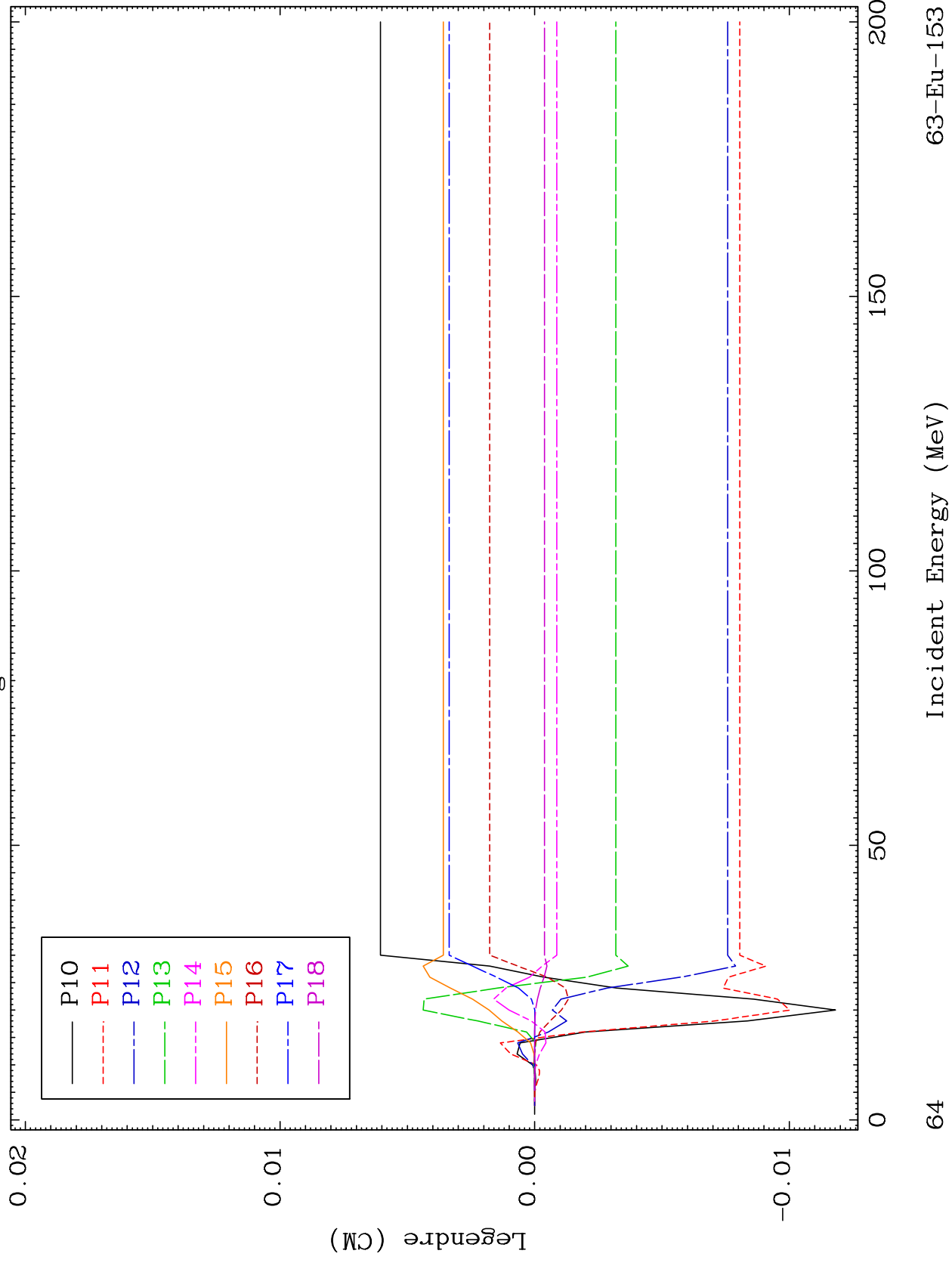




MAT 6331

442.6 keV (n,n') Level
Legendre Coefficients

63-Eu-153



64

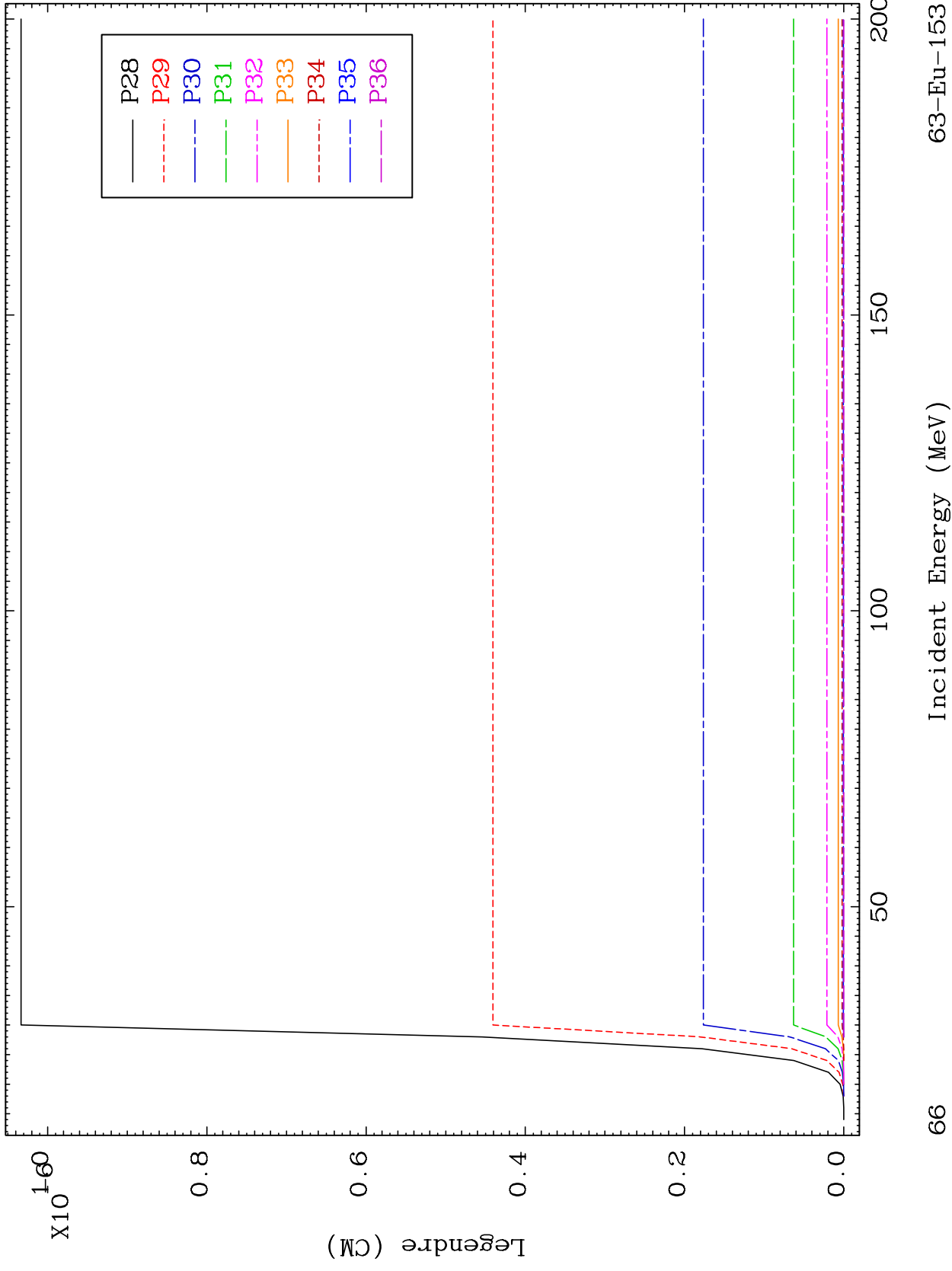
Incident Energy (MeV)

63-Eu-153

MAT 6331

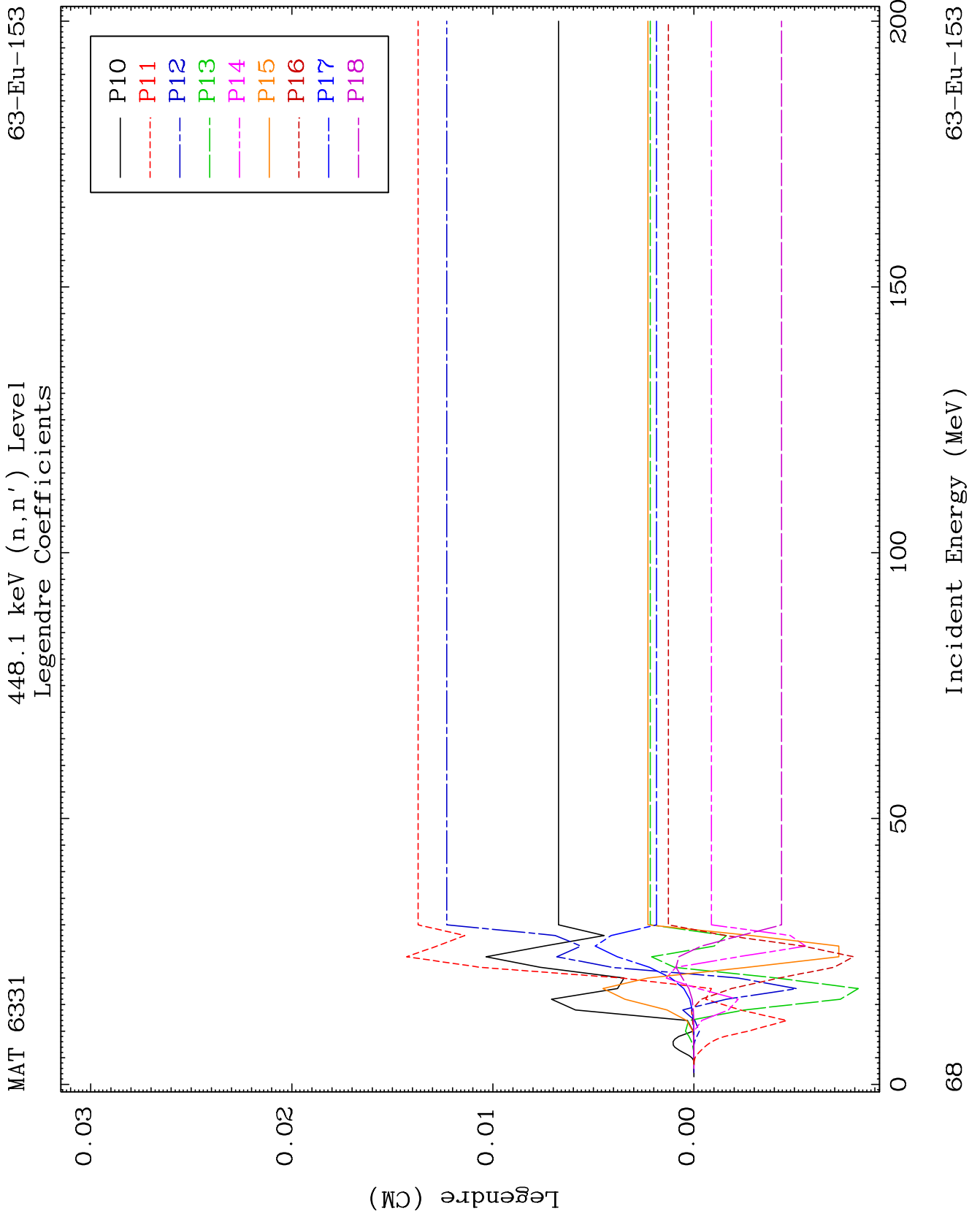
442.6 keV (n,n') Level
Legendre Coefficients

63-Eu-153



66

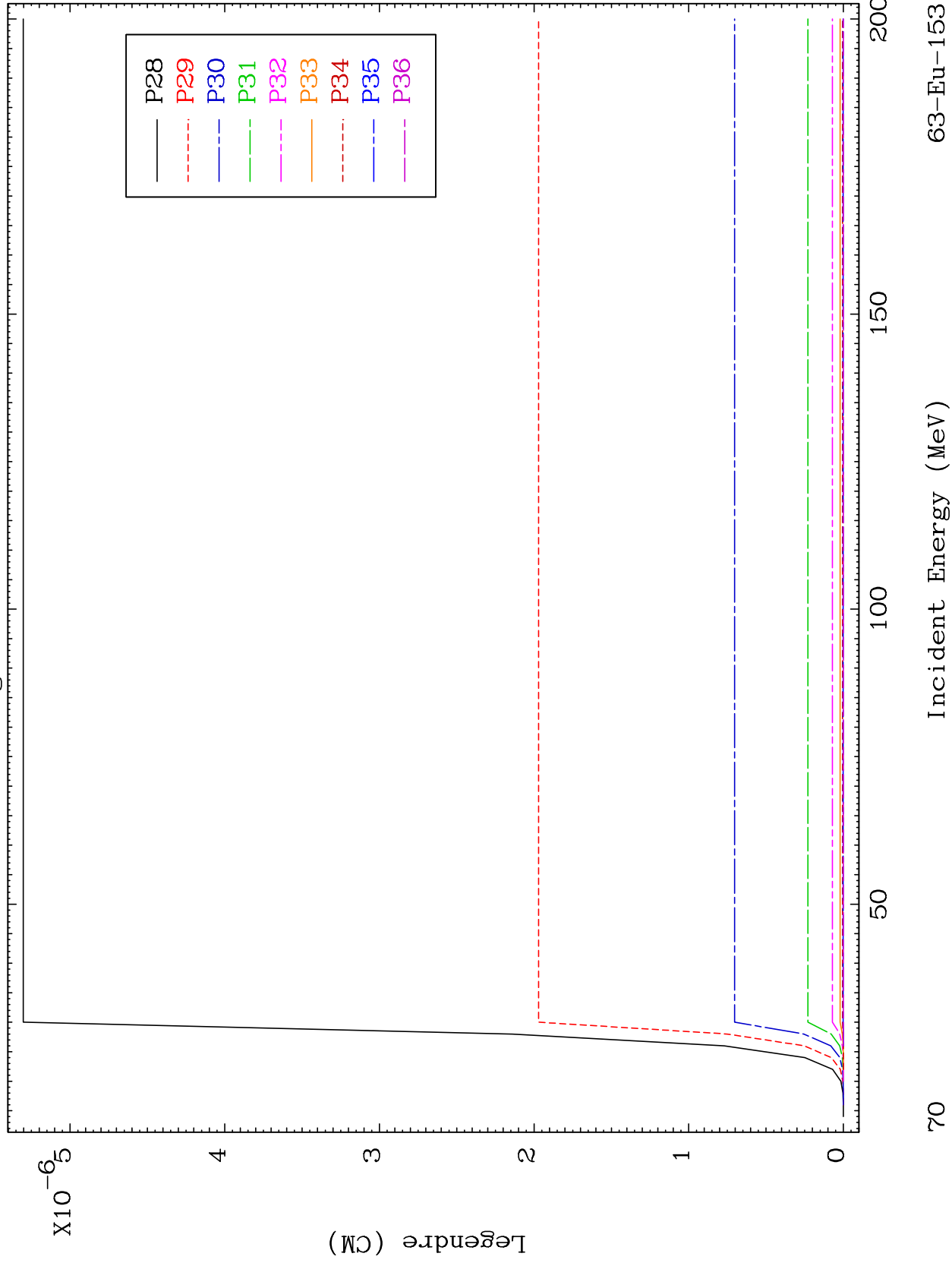
63-Eu-153

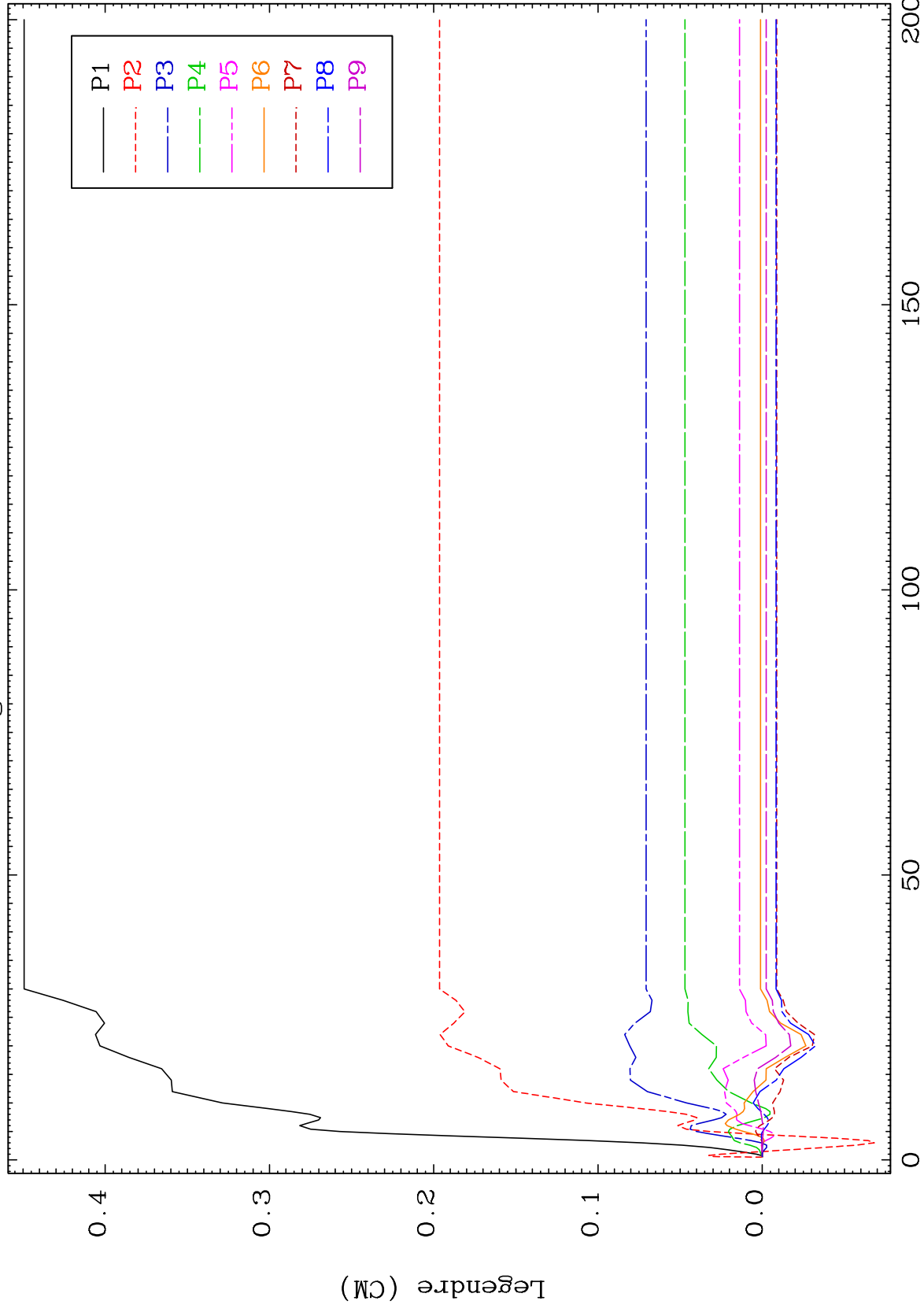


MAT 6331

448.1 keV (n,n') Level
Legendre Coefficients

63-Eu-153

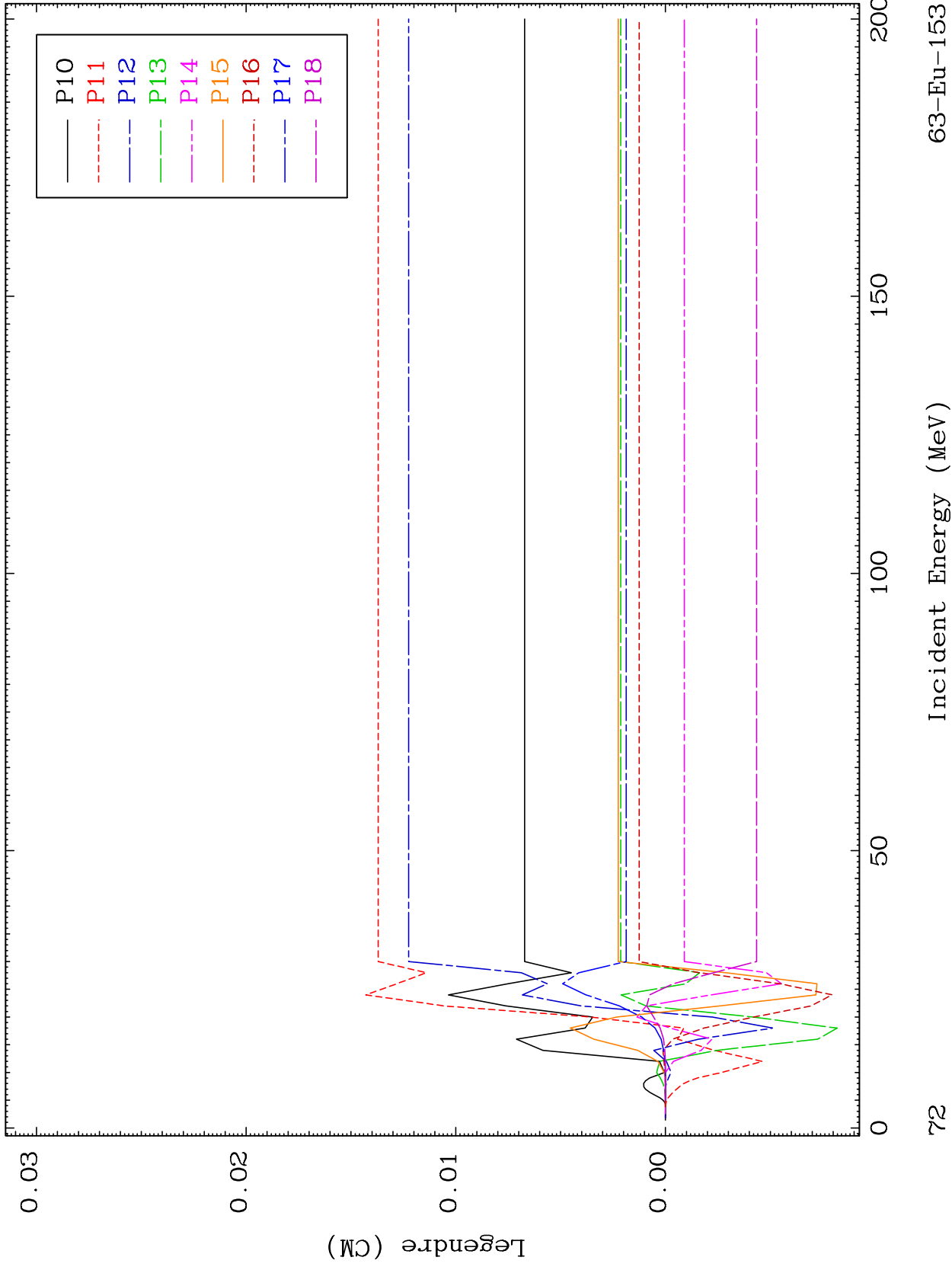




MAT 6331

477.9 keV (n, n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

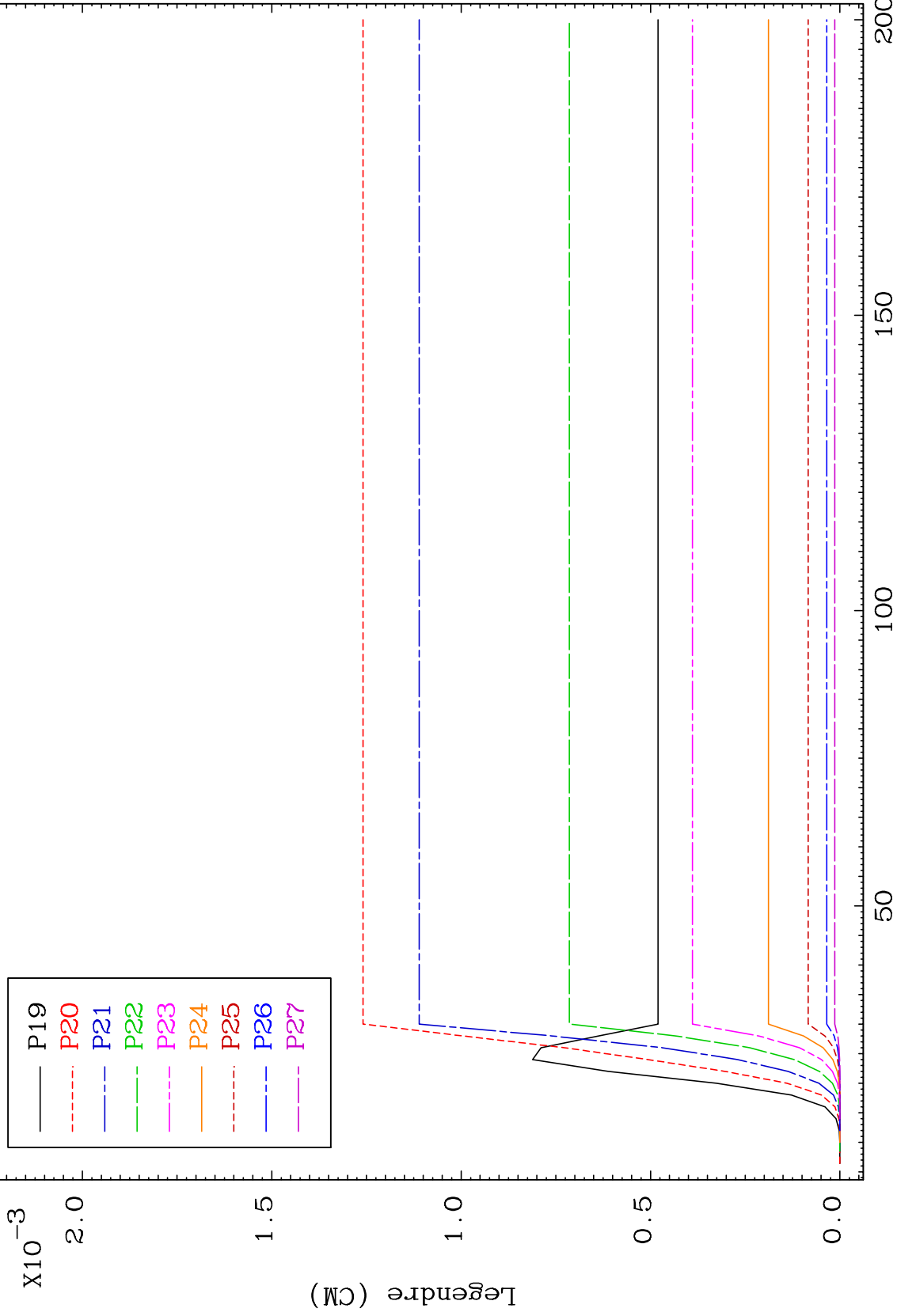
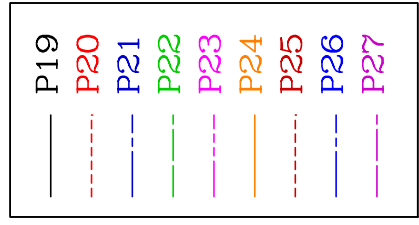
Incident Energy (MeV)

72

MAT 6331

477.9 keV (n, n') Level
Legendre Coefficients

63-Eu-153



73

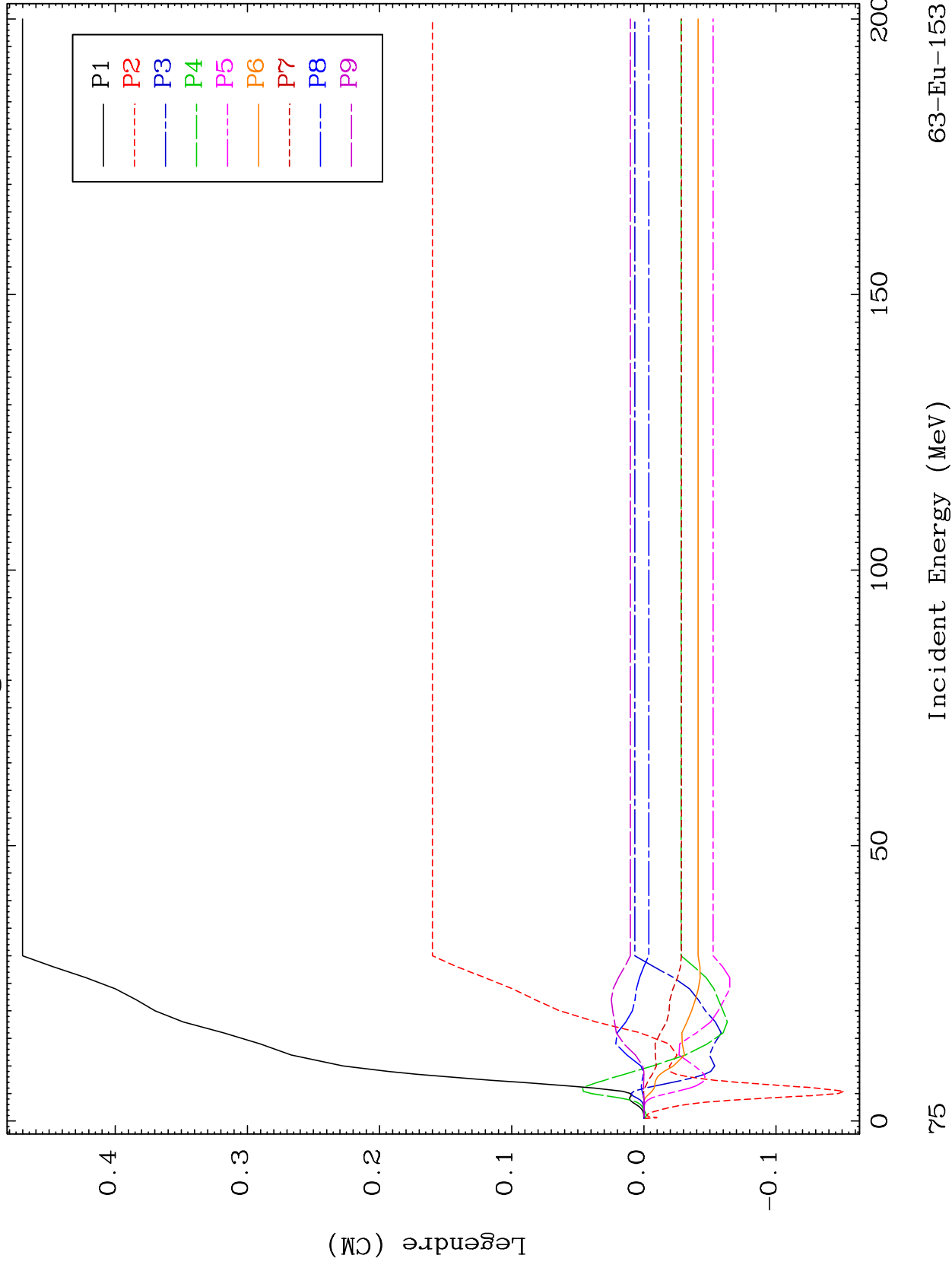
Incident Energy (MeV)

63-Eu-153

MAT 6331

481.1 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

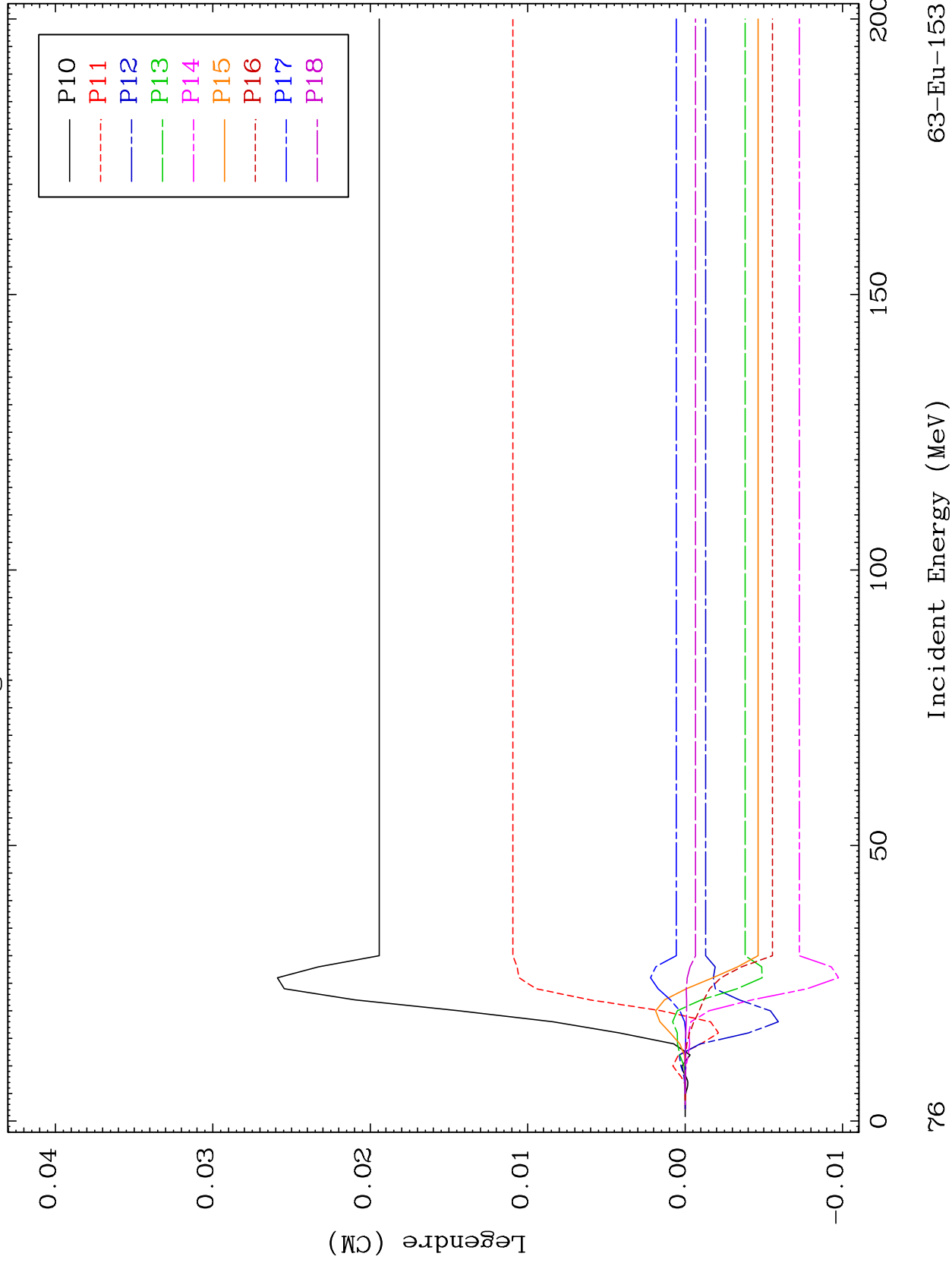
Incident Energy (MeV)

75

MAT 6331

481.1 keV (n,n') Level
Legendre Coefficients

63-Eu-153



76

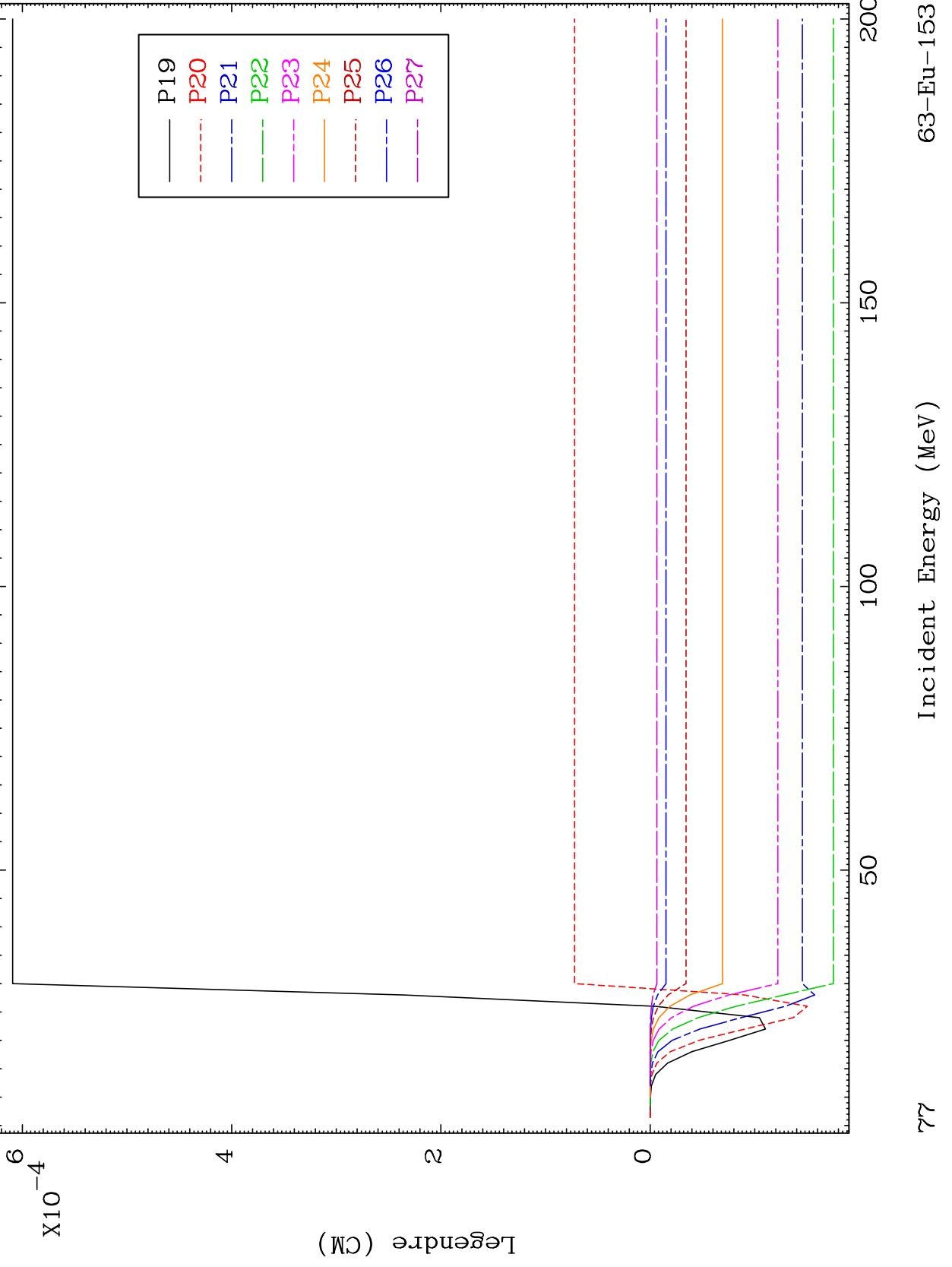
Incident Energy (MeV)

63-Eu-153

MAT 6331

481.1 keV (n,n') Level
Legendre Coefficients

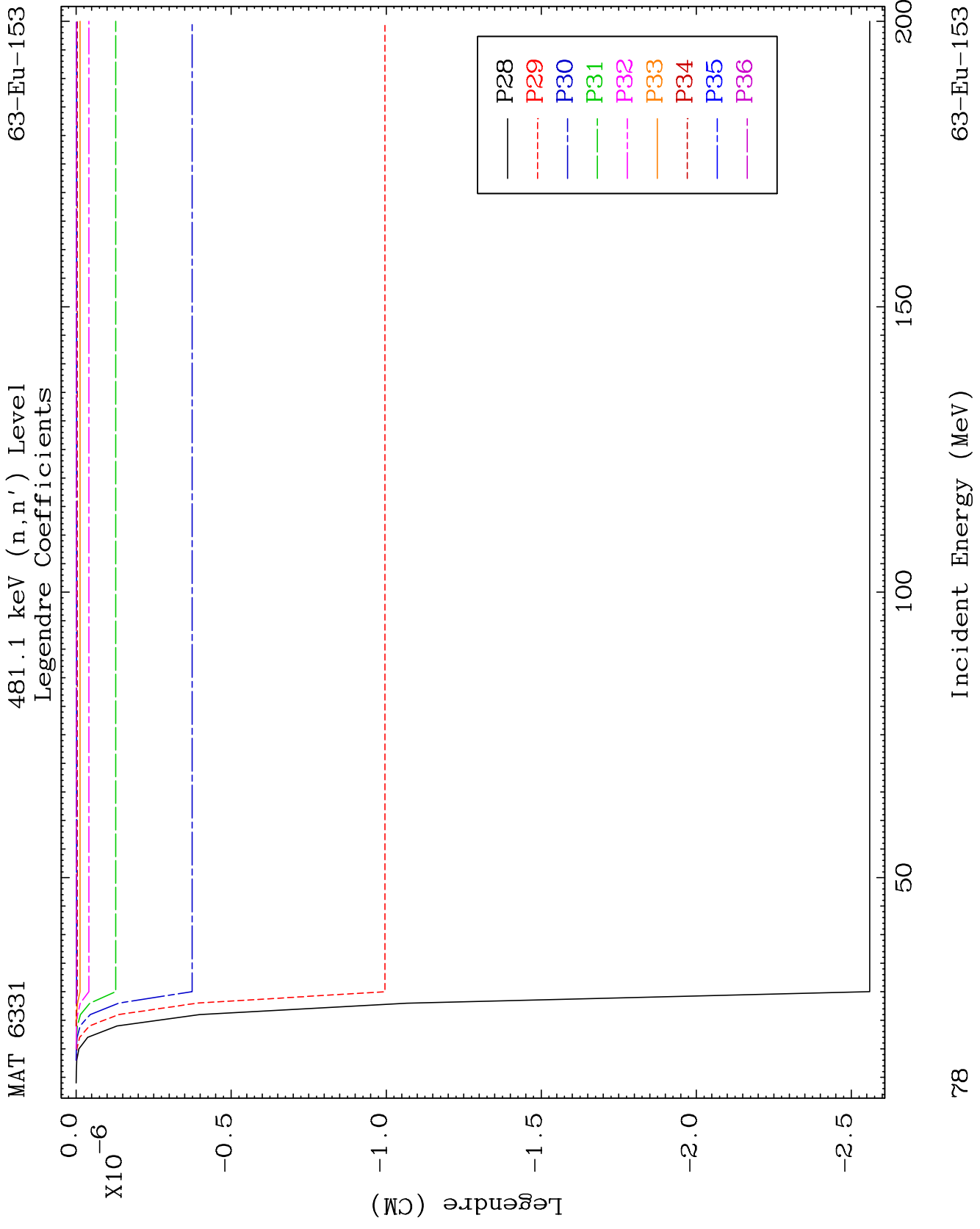
63-Eu-153



77

Incident Energy (MeV)

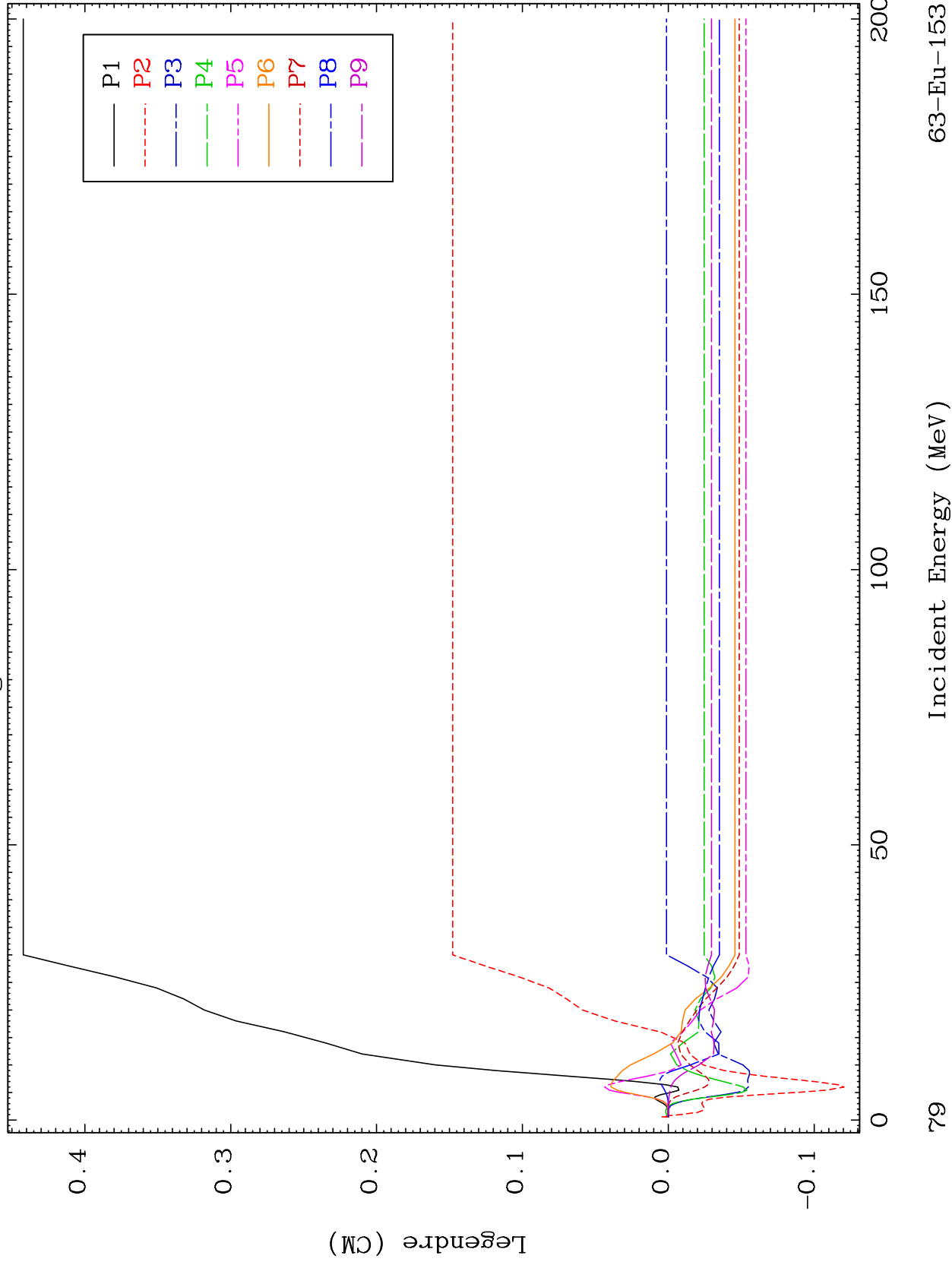
63-Eu-153



MAT 6331

537.9 keV (n,n') Level
Legendre Coefficients

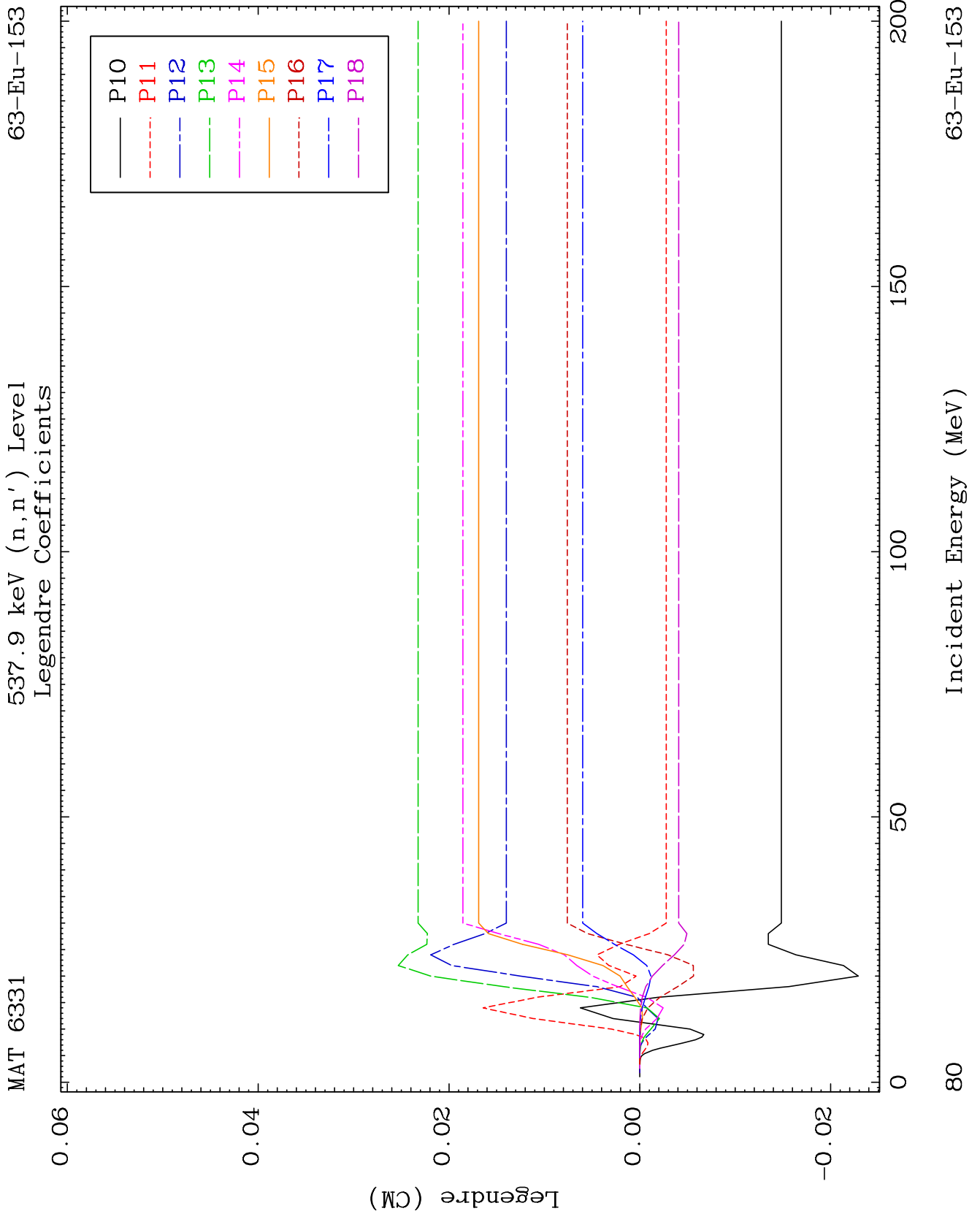
63-Eu-153



79

Incident Energy (MeV)

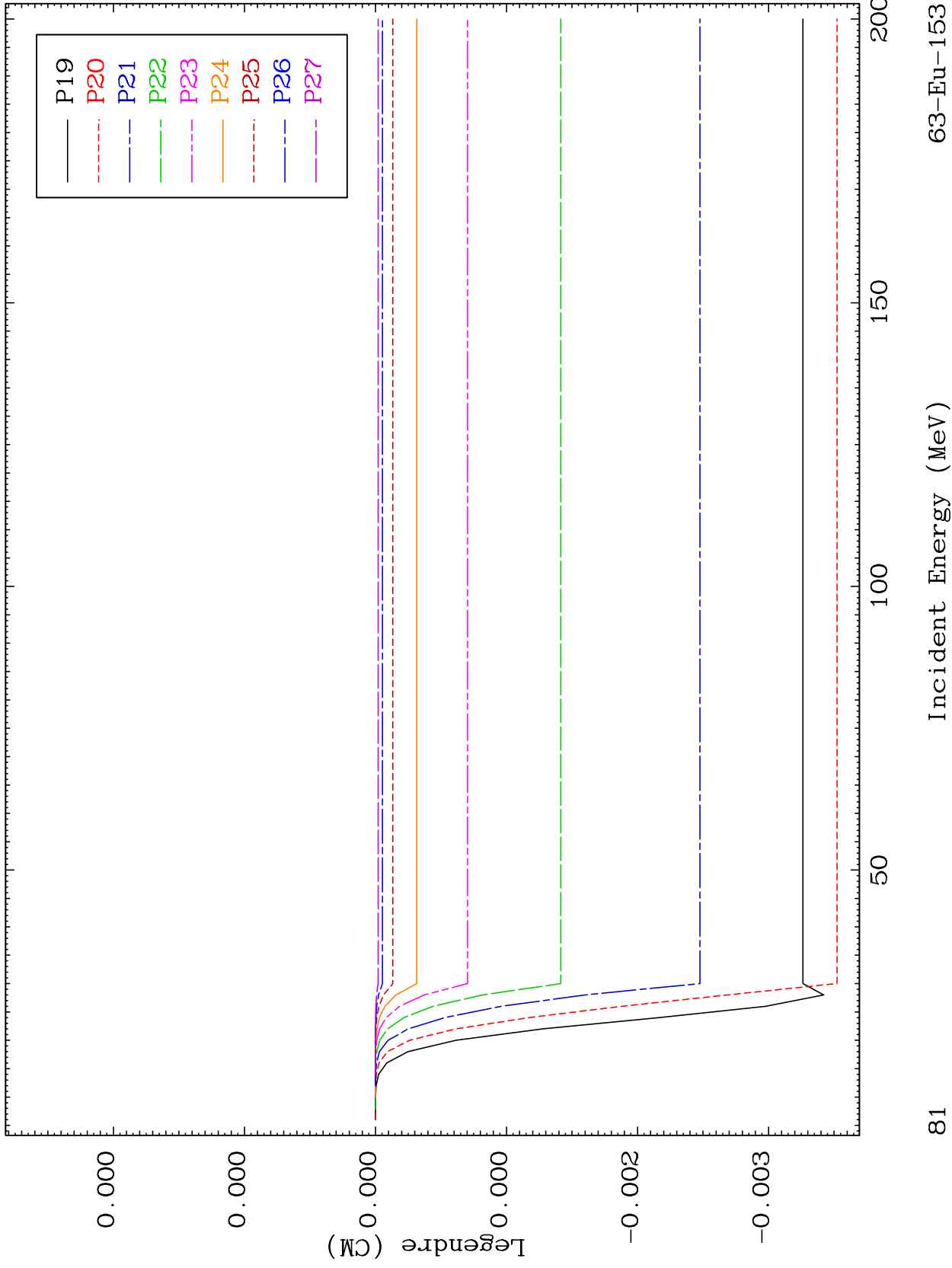
63-Eu-153



MAT 6331

537.9 keV (n, n') Level
Legendre Coefficients

63-Eu-153



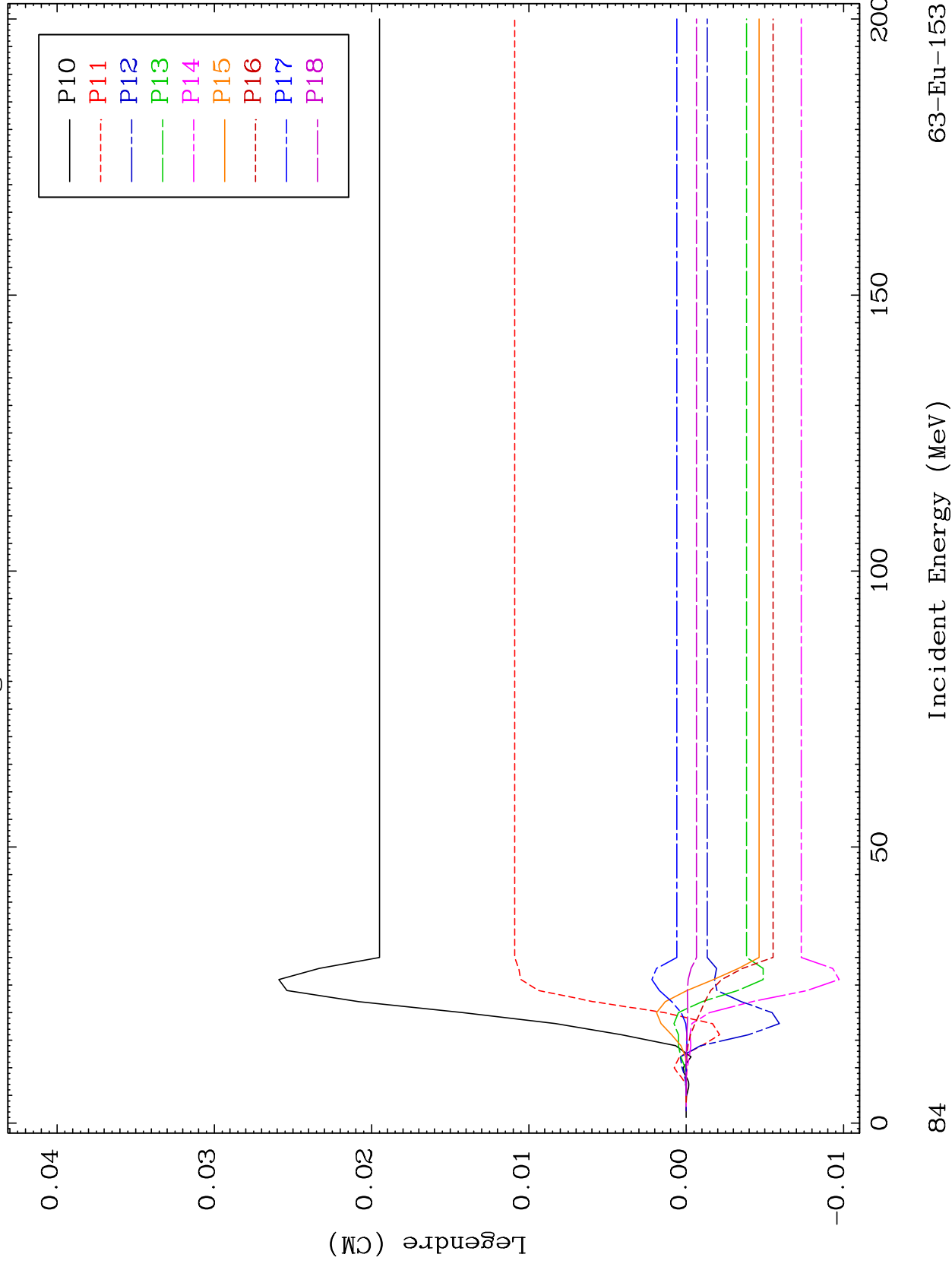
81

63-Eu-153

MAT 6331

552.5 keV (n,n') Level
Legendre Coefficients

63-Eu-153



84

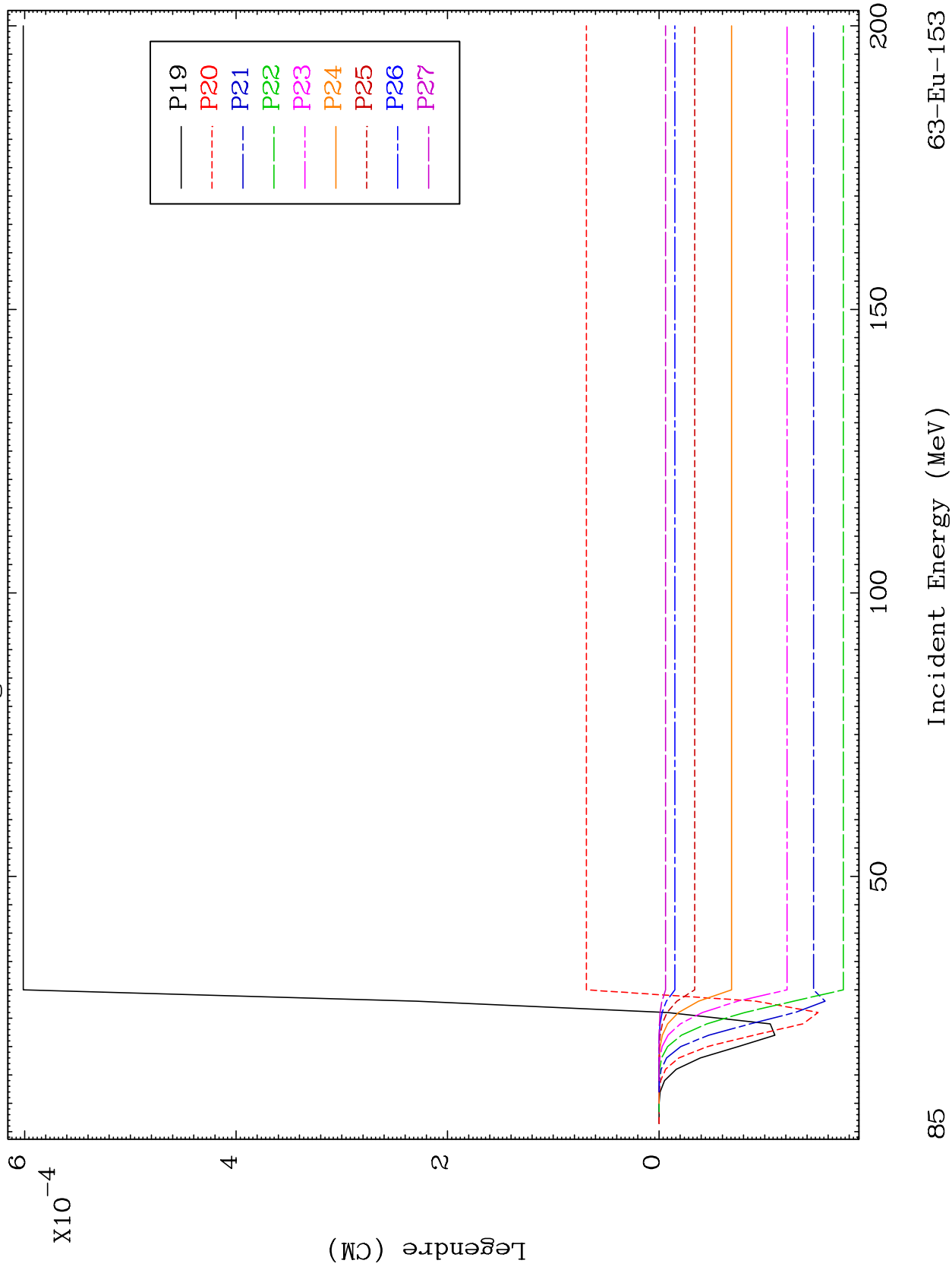
Incident Energy (MeV)

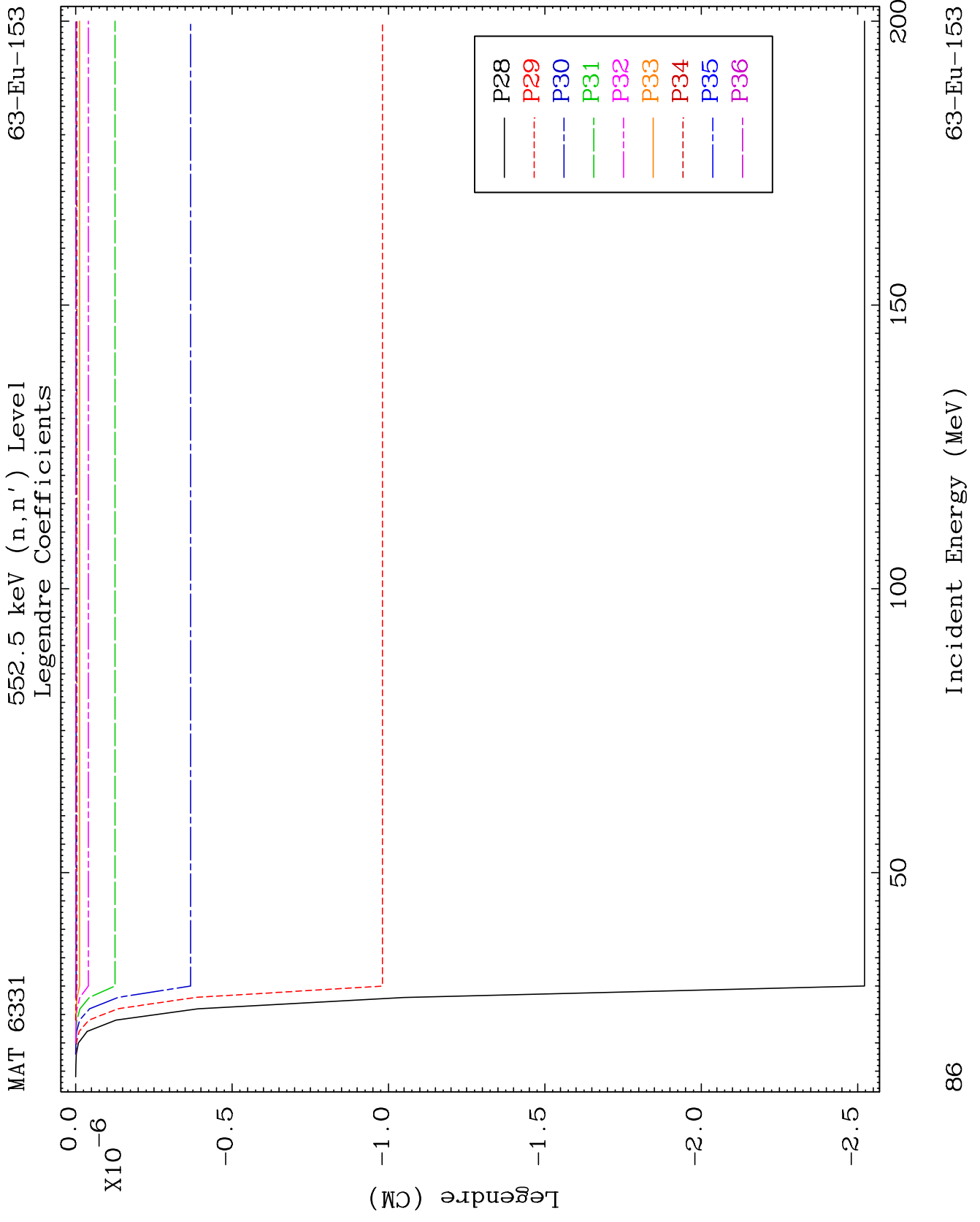
63-Eu-153

MAT 6331

552.5 keV (n,n') Level
Legendre Coefficients

63-Eu-153

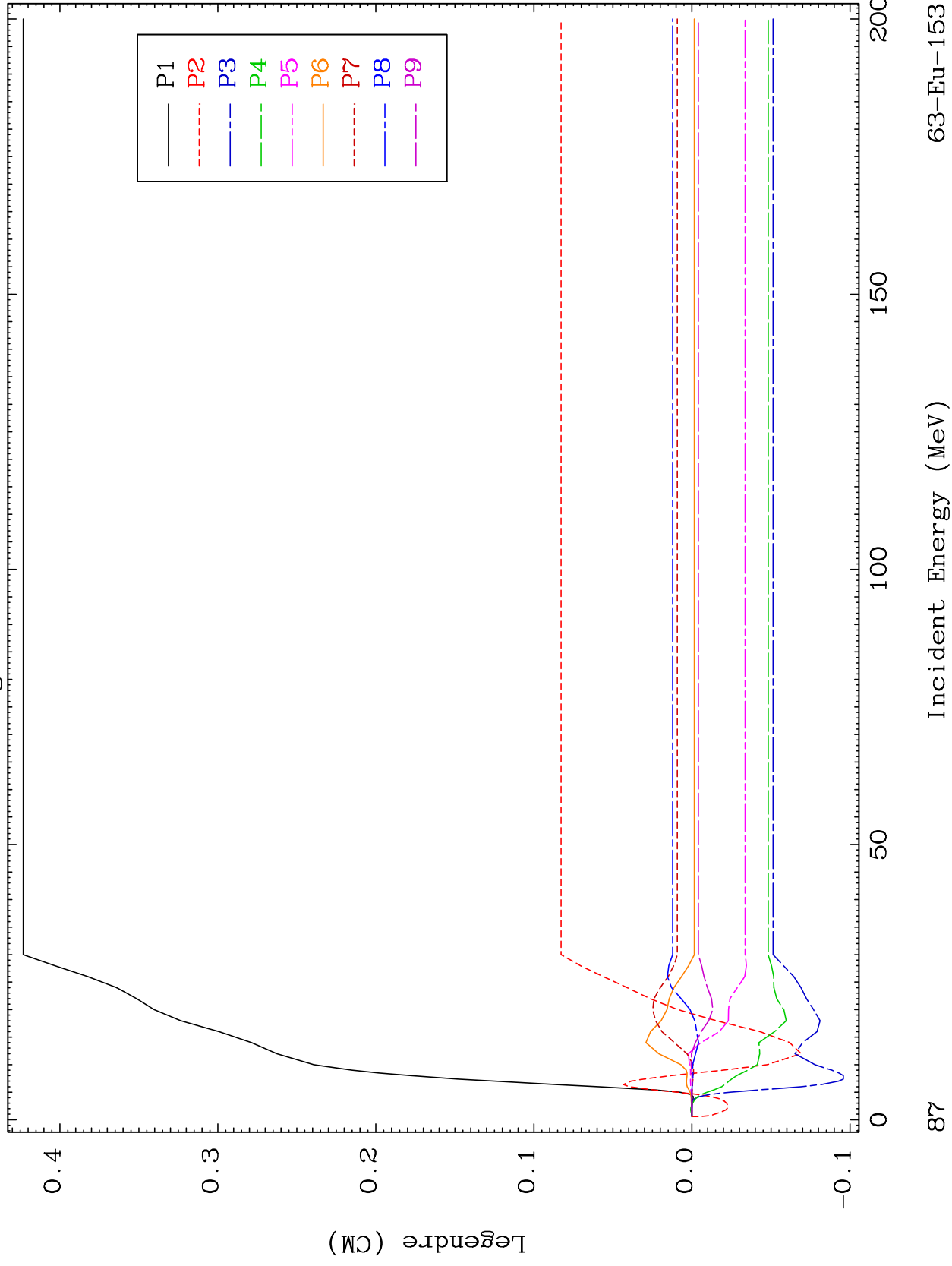




MAT 6331

559.7 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

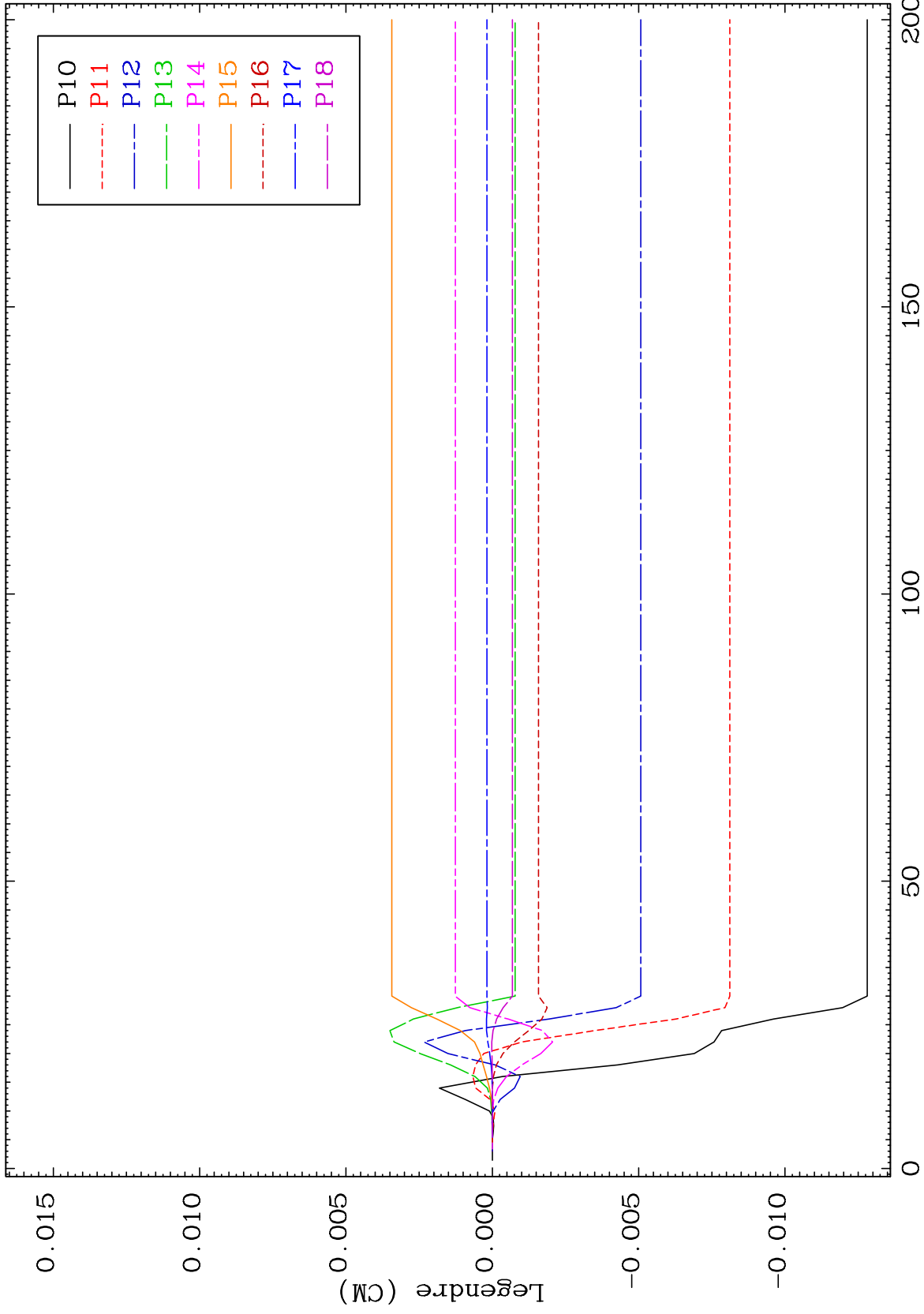
Incident Energy (MeV)

87

MAT 6331

559.7 keV (n,n') Level
Legendre Coefficients

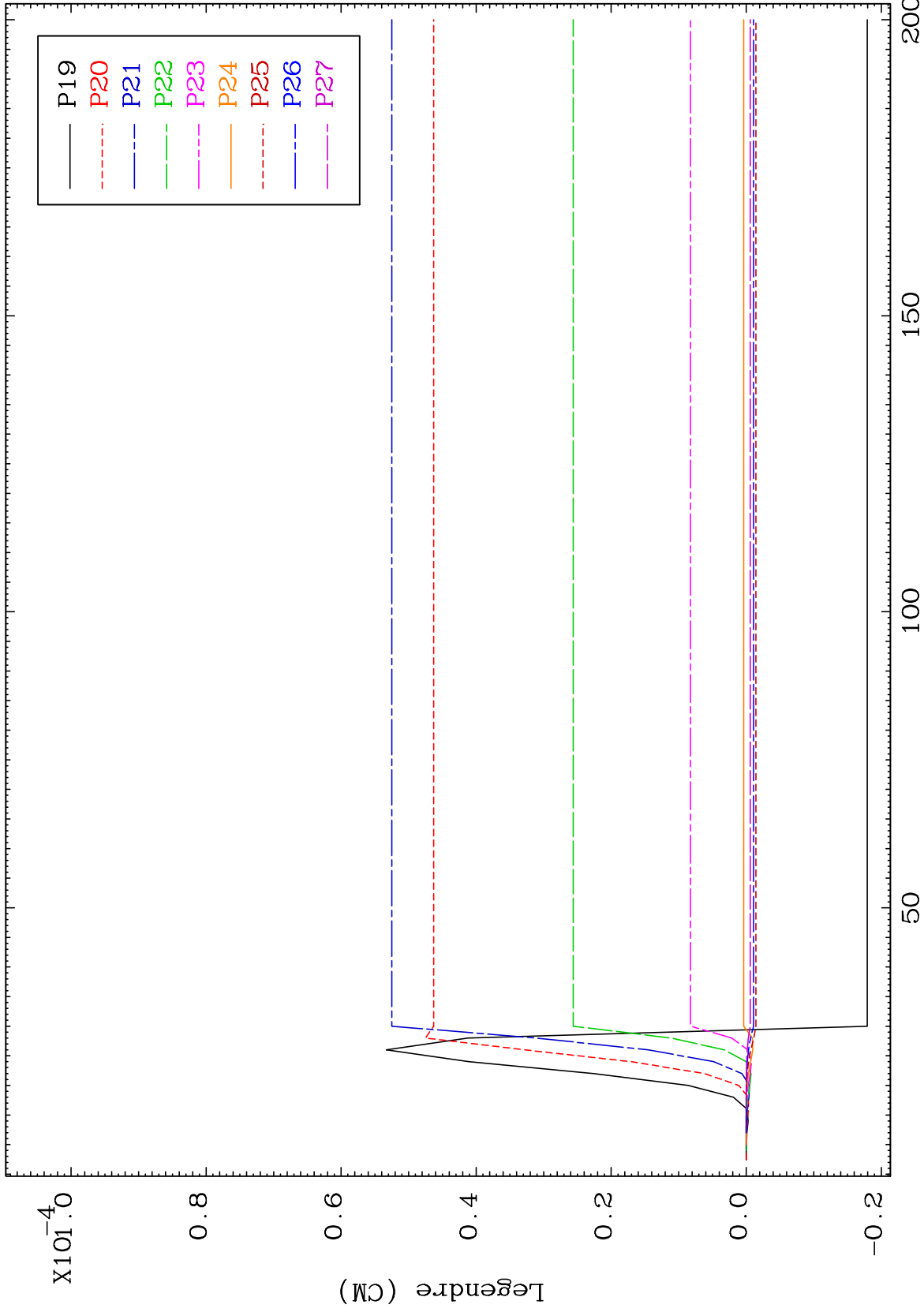
63-Eu-153

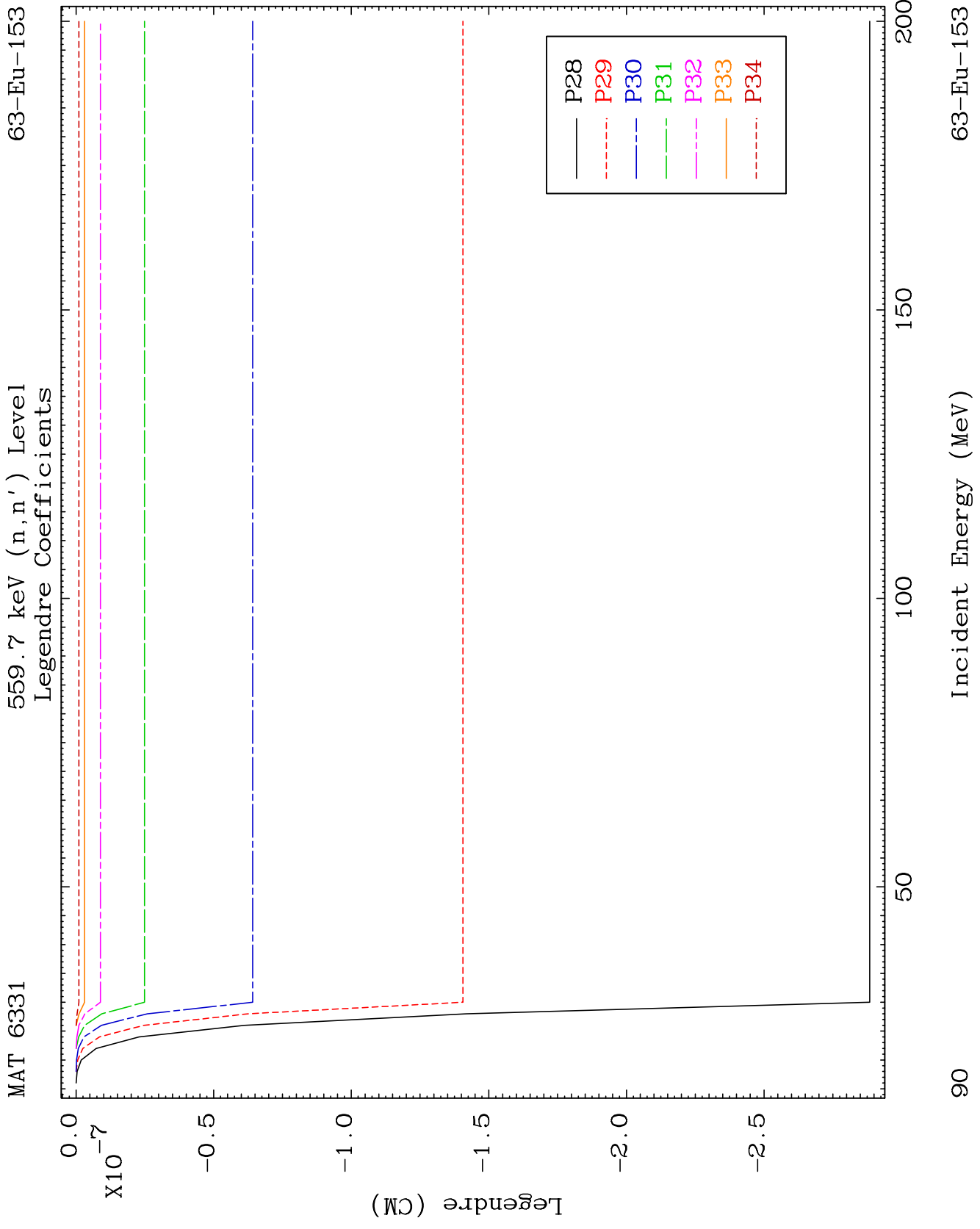


88

Incident Energy (MeV)

63-Eu-153

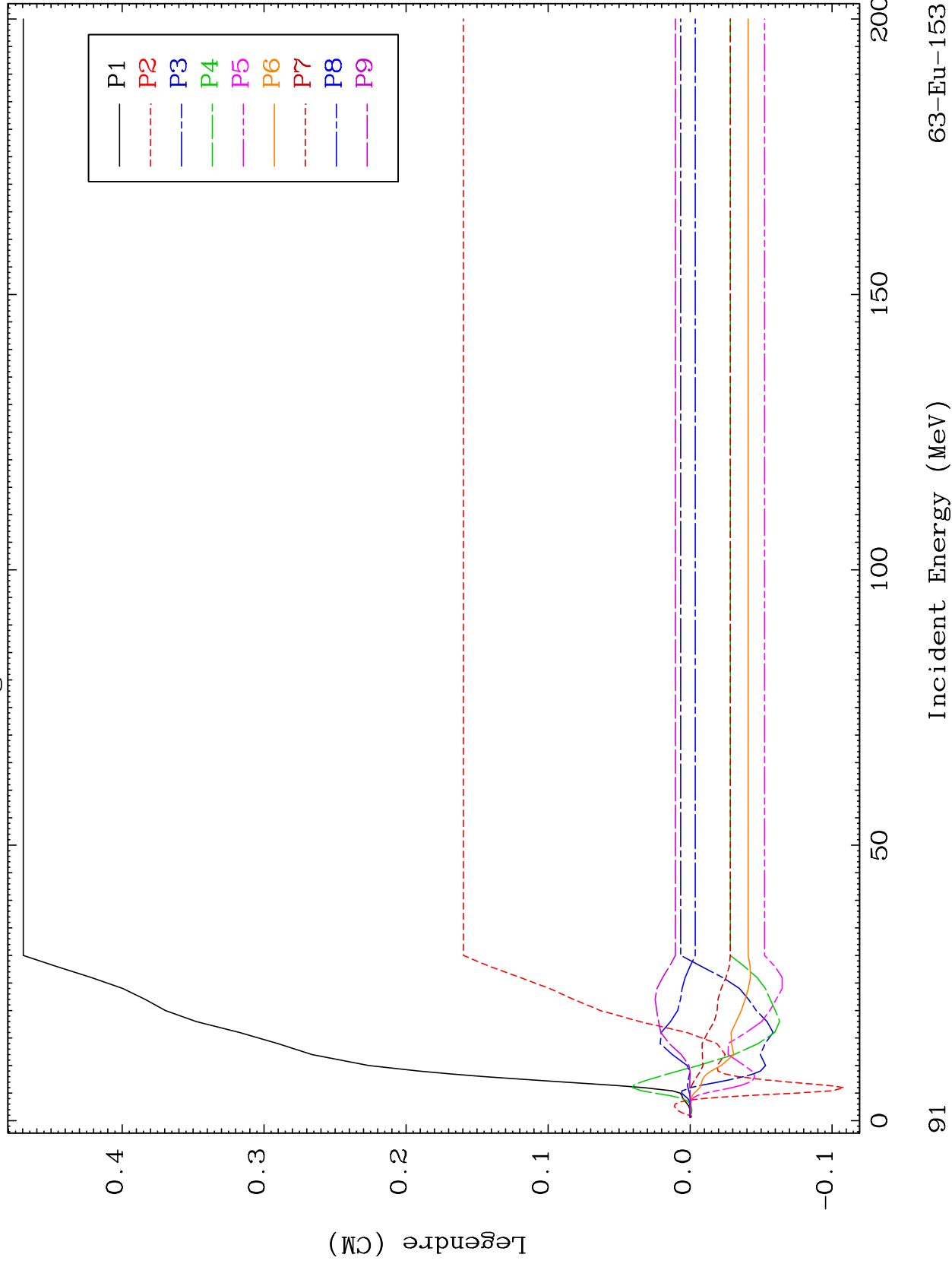




MAT 6331

569.3 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

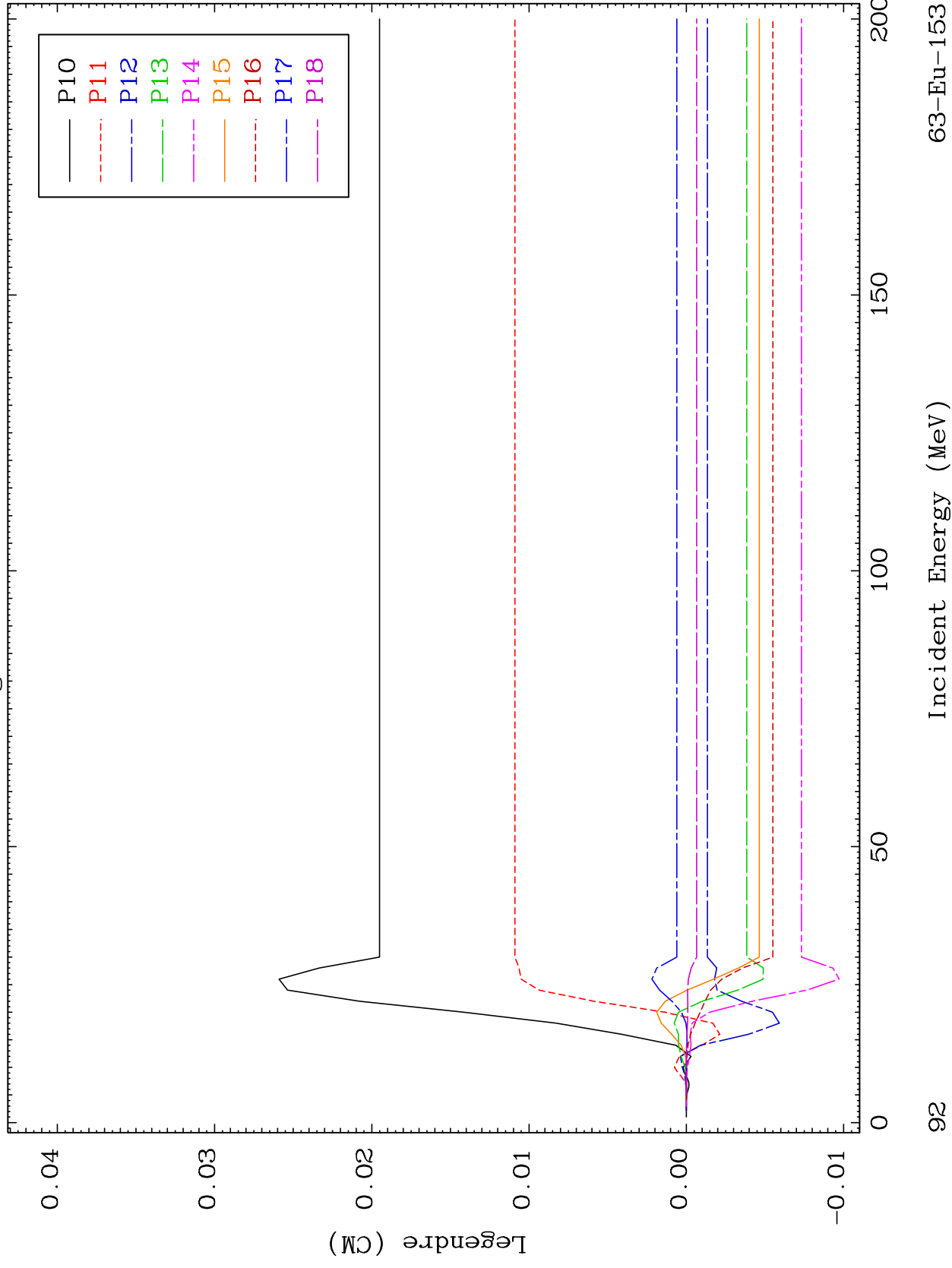
Incident Energy (MeV)

91

MAT 6331

569.3 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

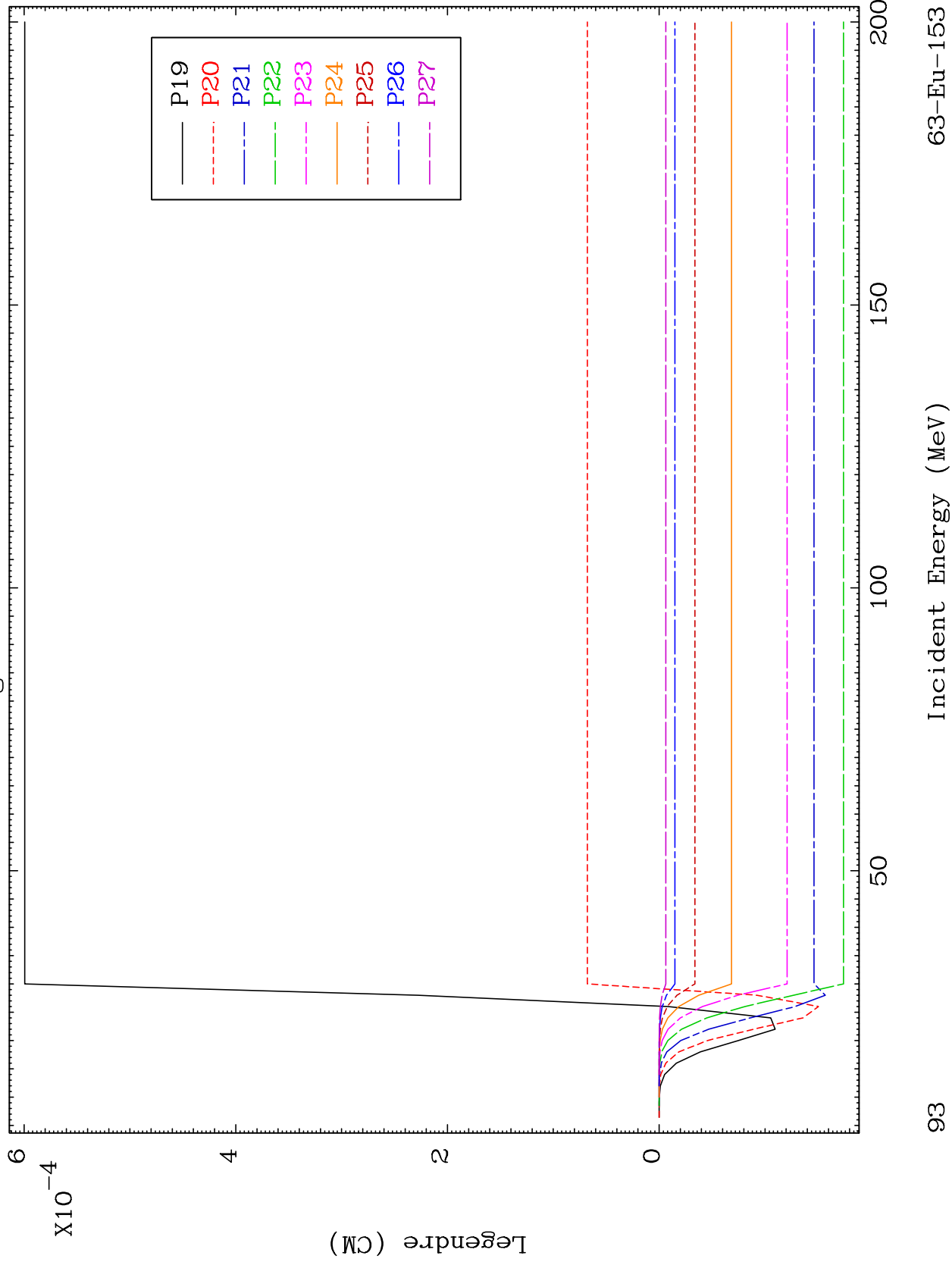
Incident Energy (MeV)

92

MAT 6331

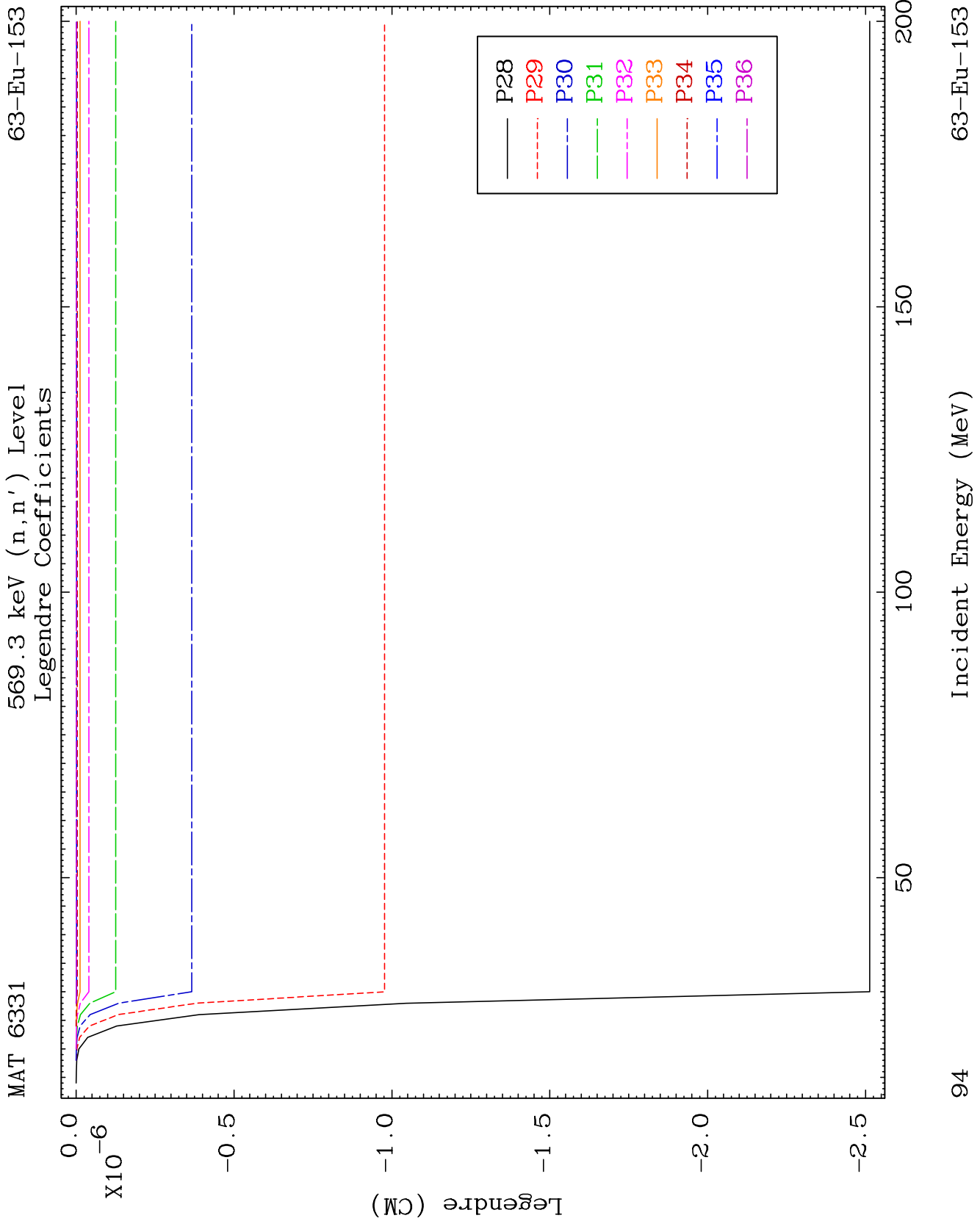
569.3 keV (n,n') Level
Legendre Coefficients

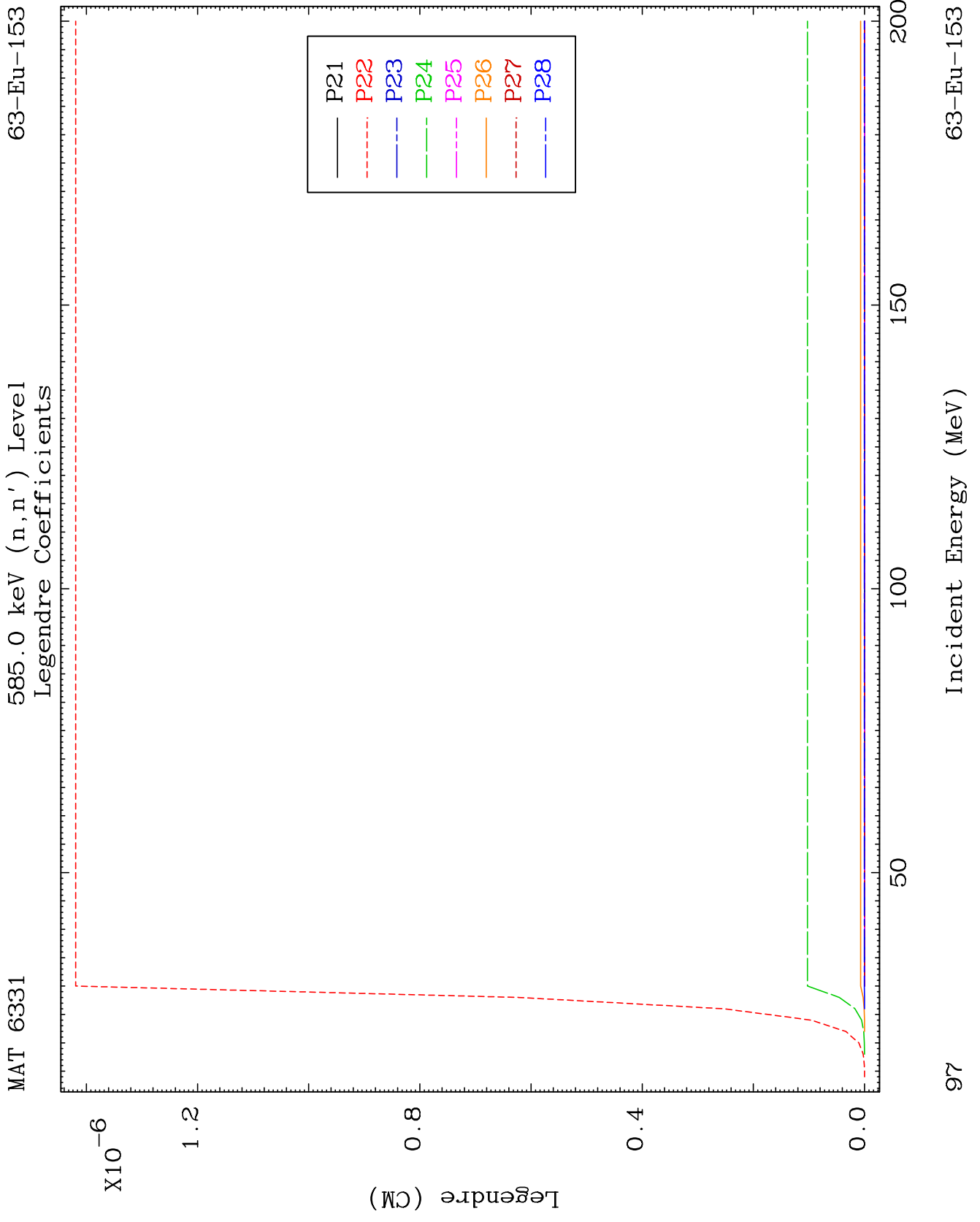
63-Eu-153



93

63-Eu-153

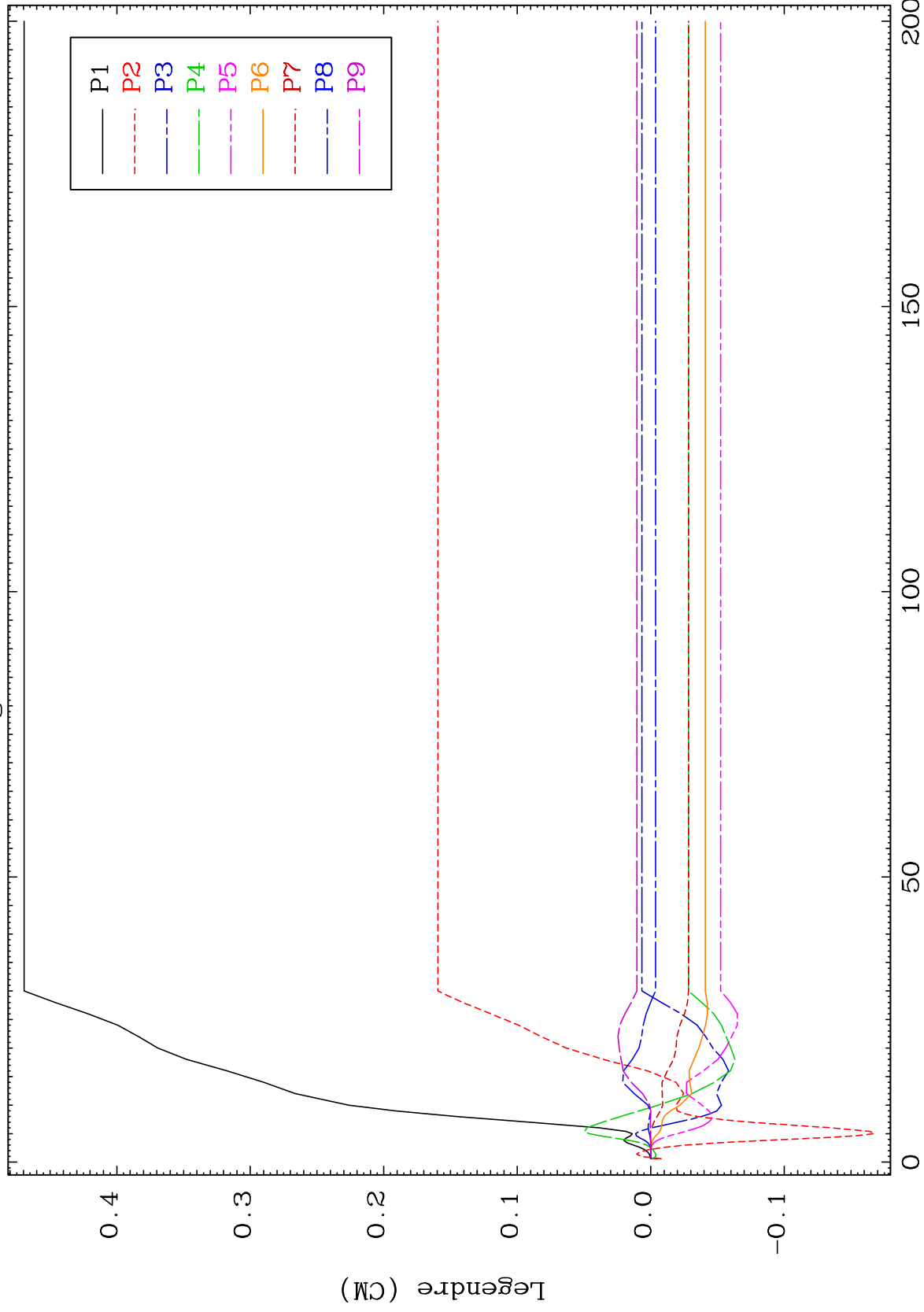




MAT 6331

589.3 keV (n,n') Level
Legendre Coefficients

63-Eu-153



98

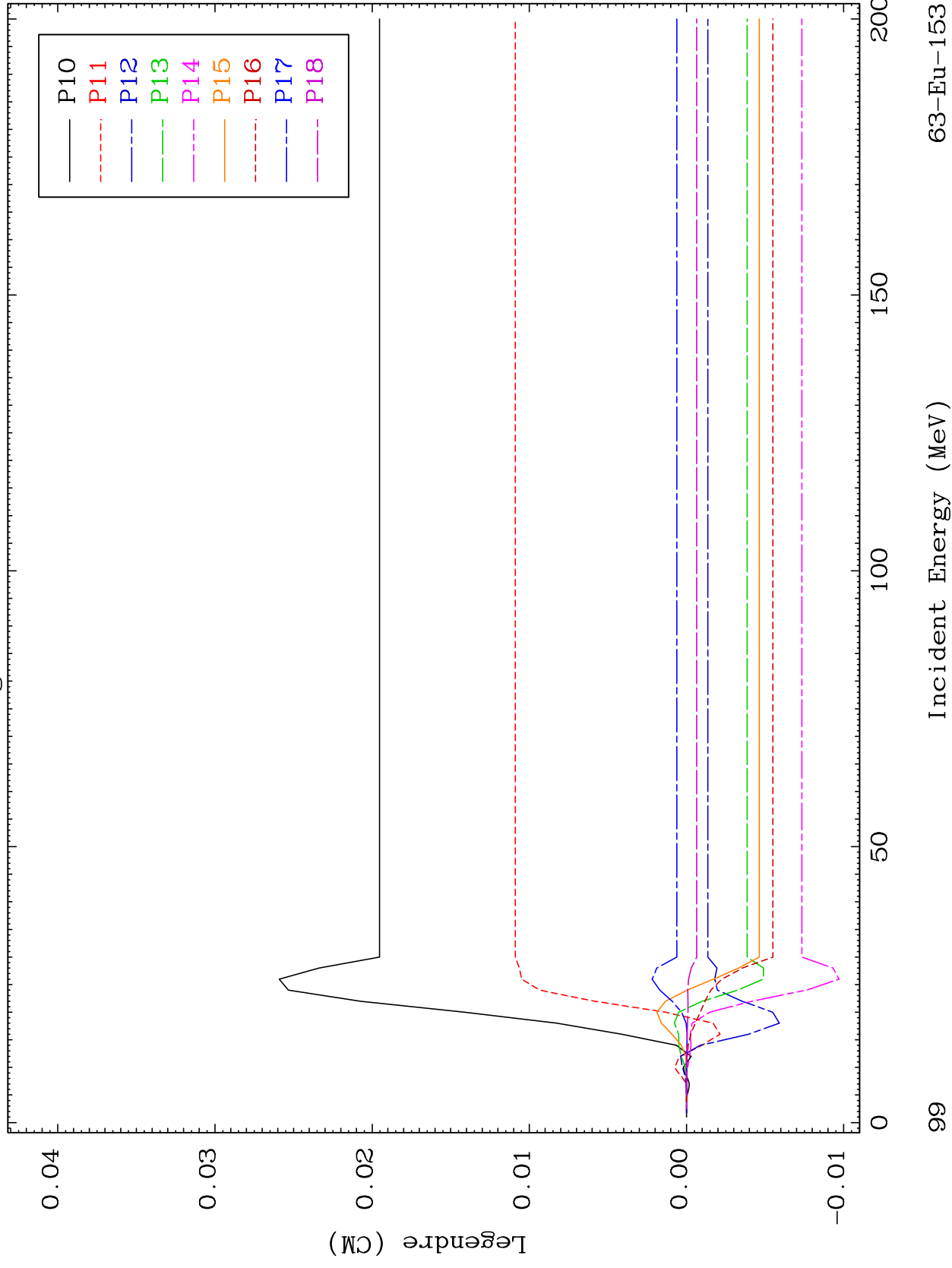
Incident Energy (MeV)

63-Eu-153

MAT 6331

589.3 keV (n,n') Level
Legendre Coefficients

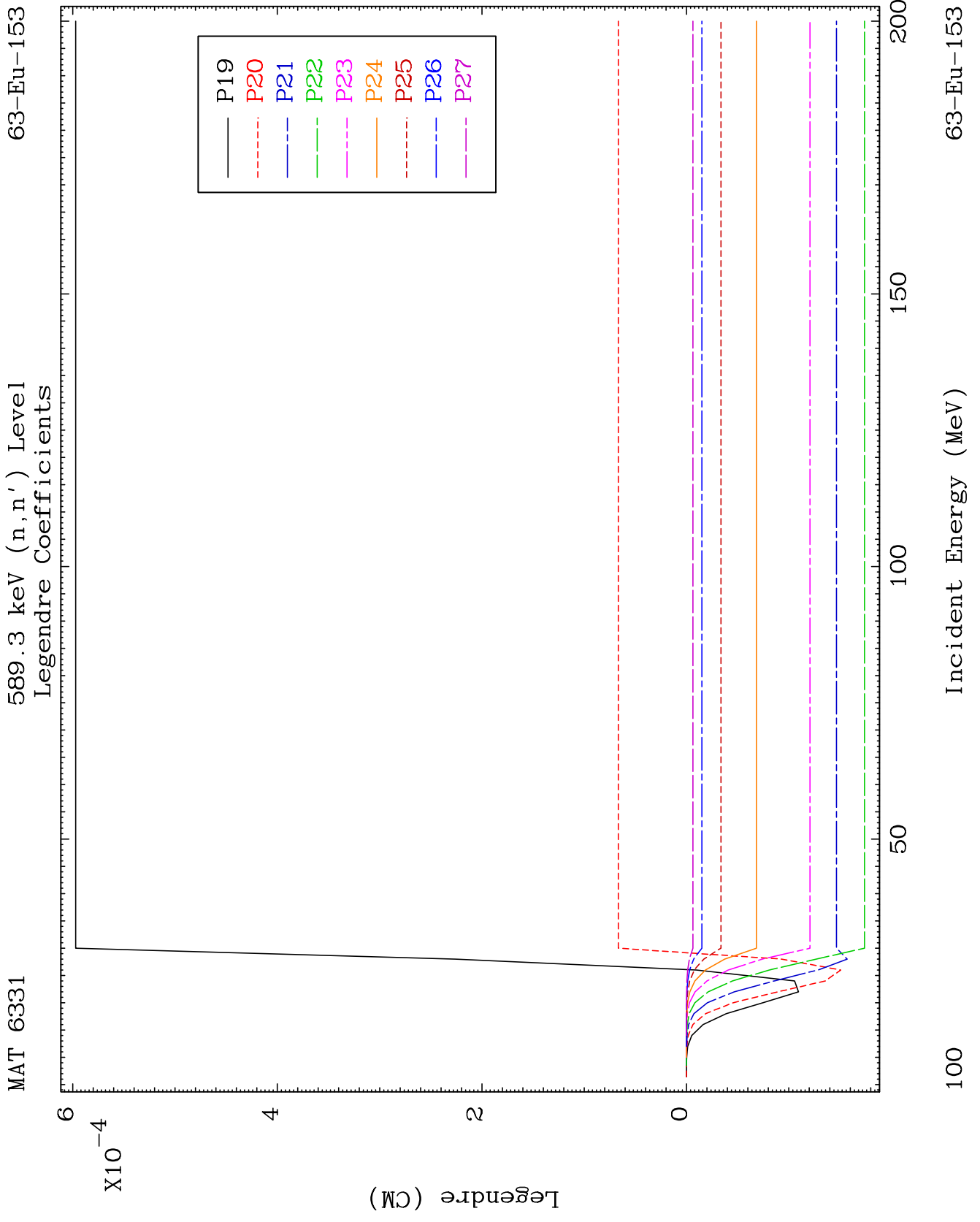
63-Eu-153

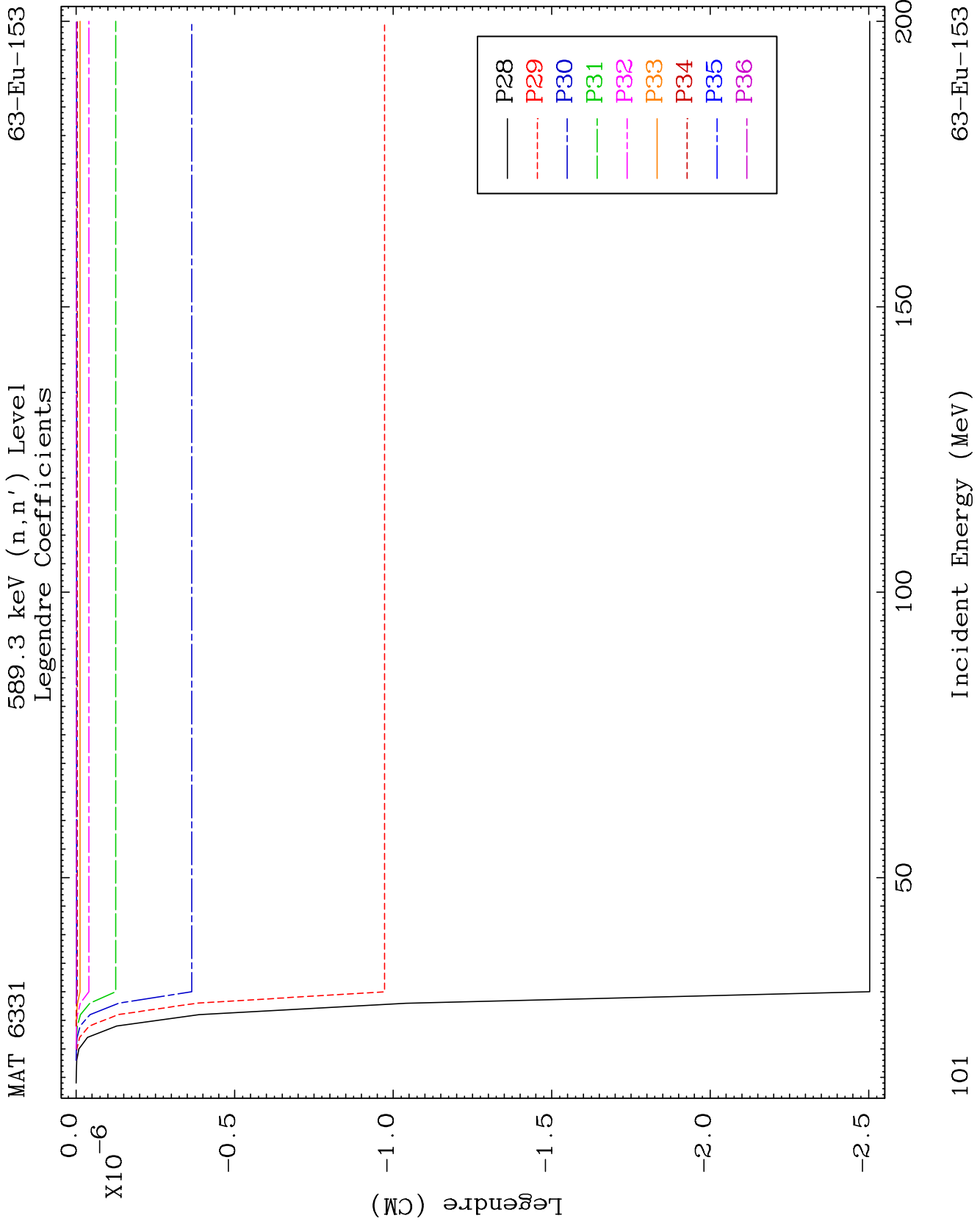


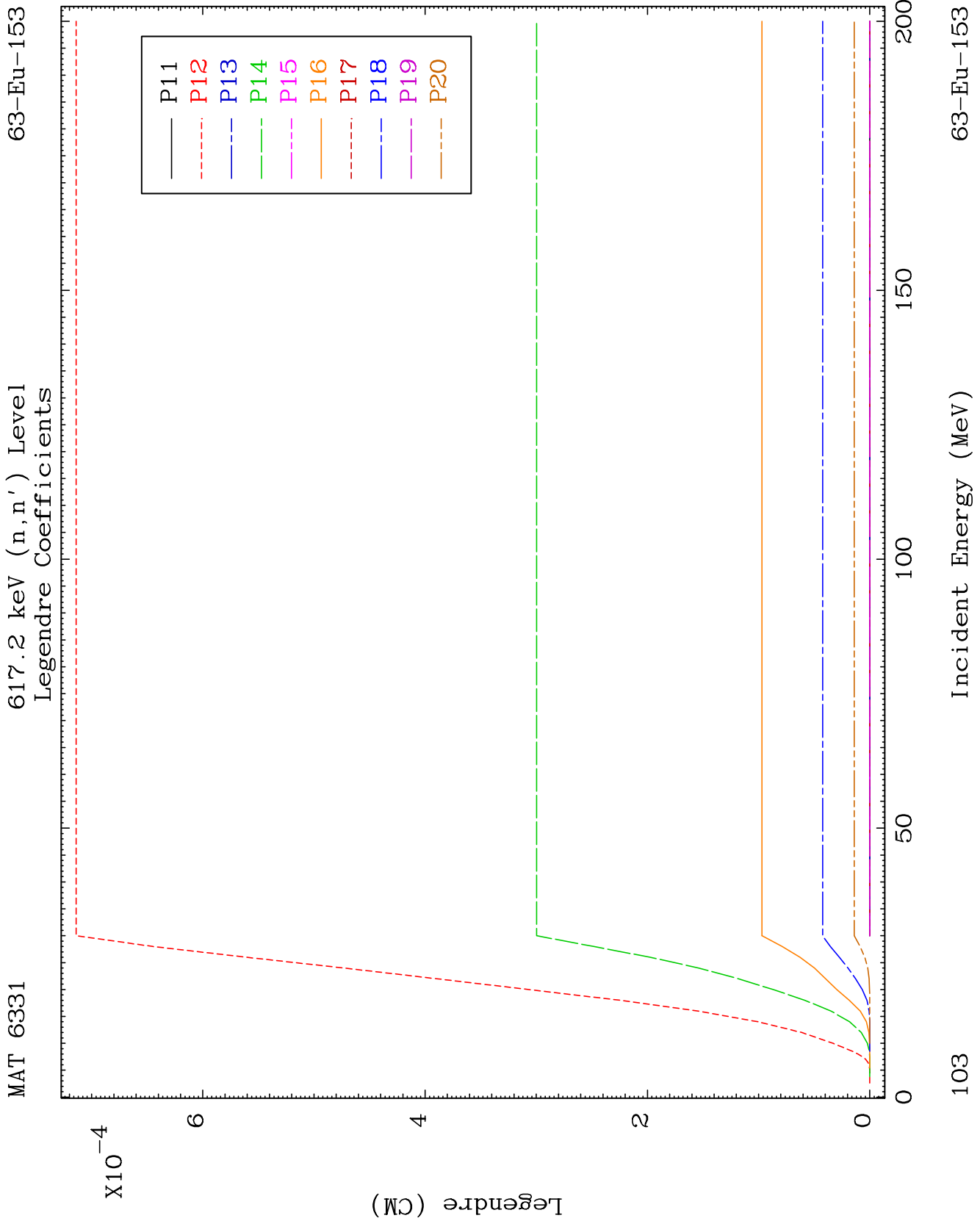
99

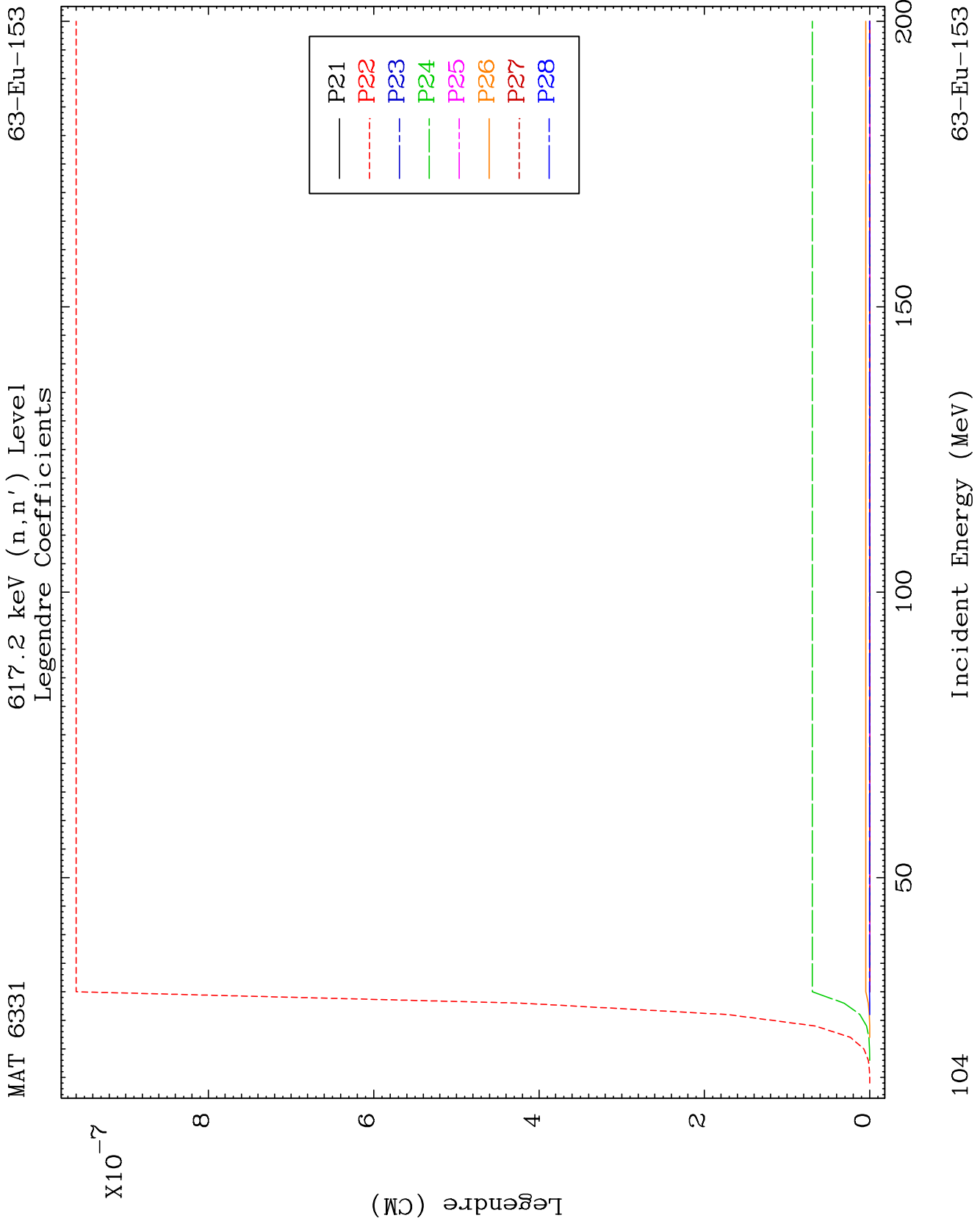
Incident Energy (MeV)

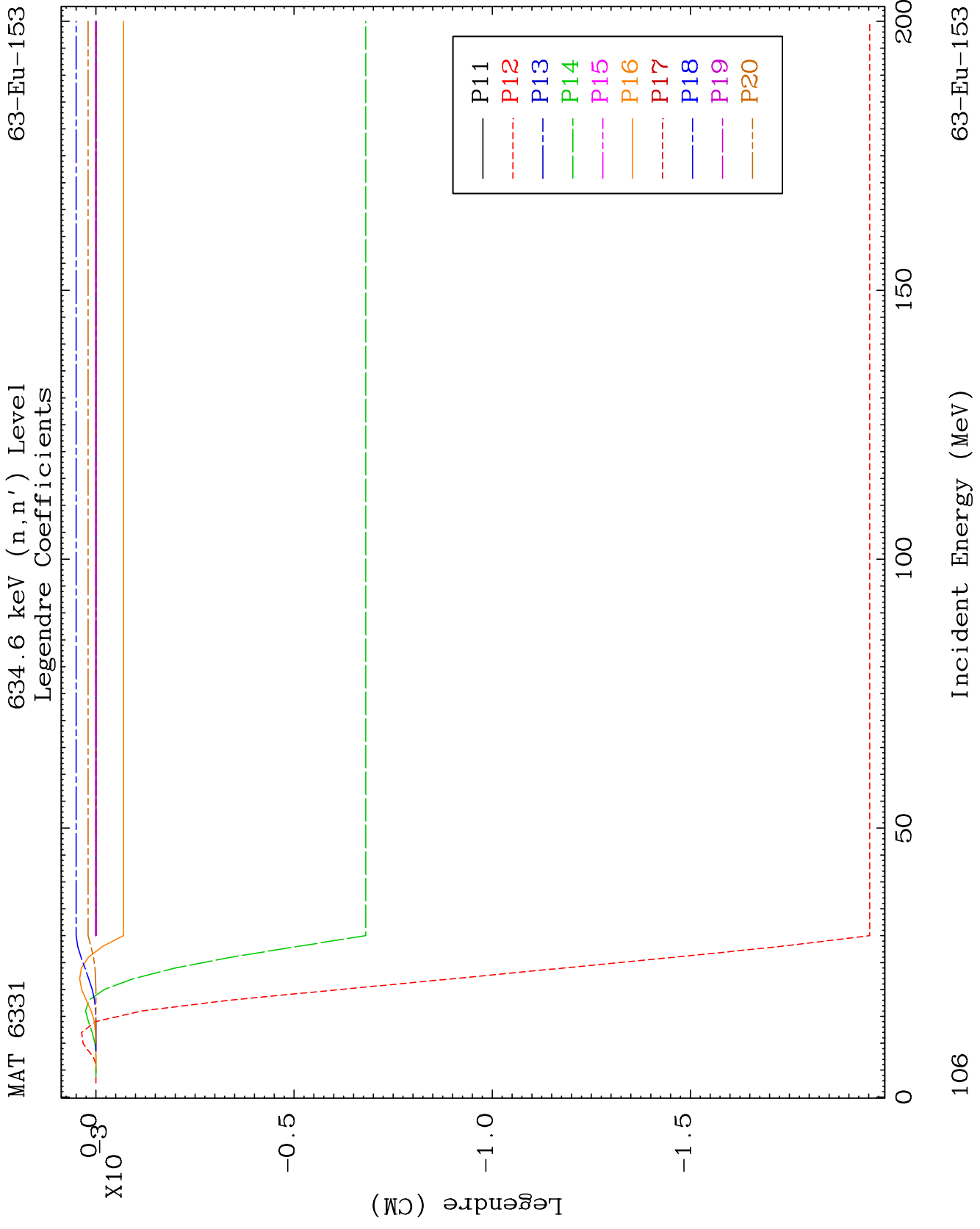
63-Eu-153

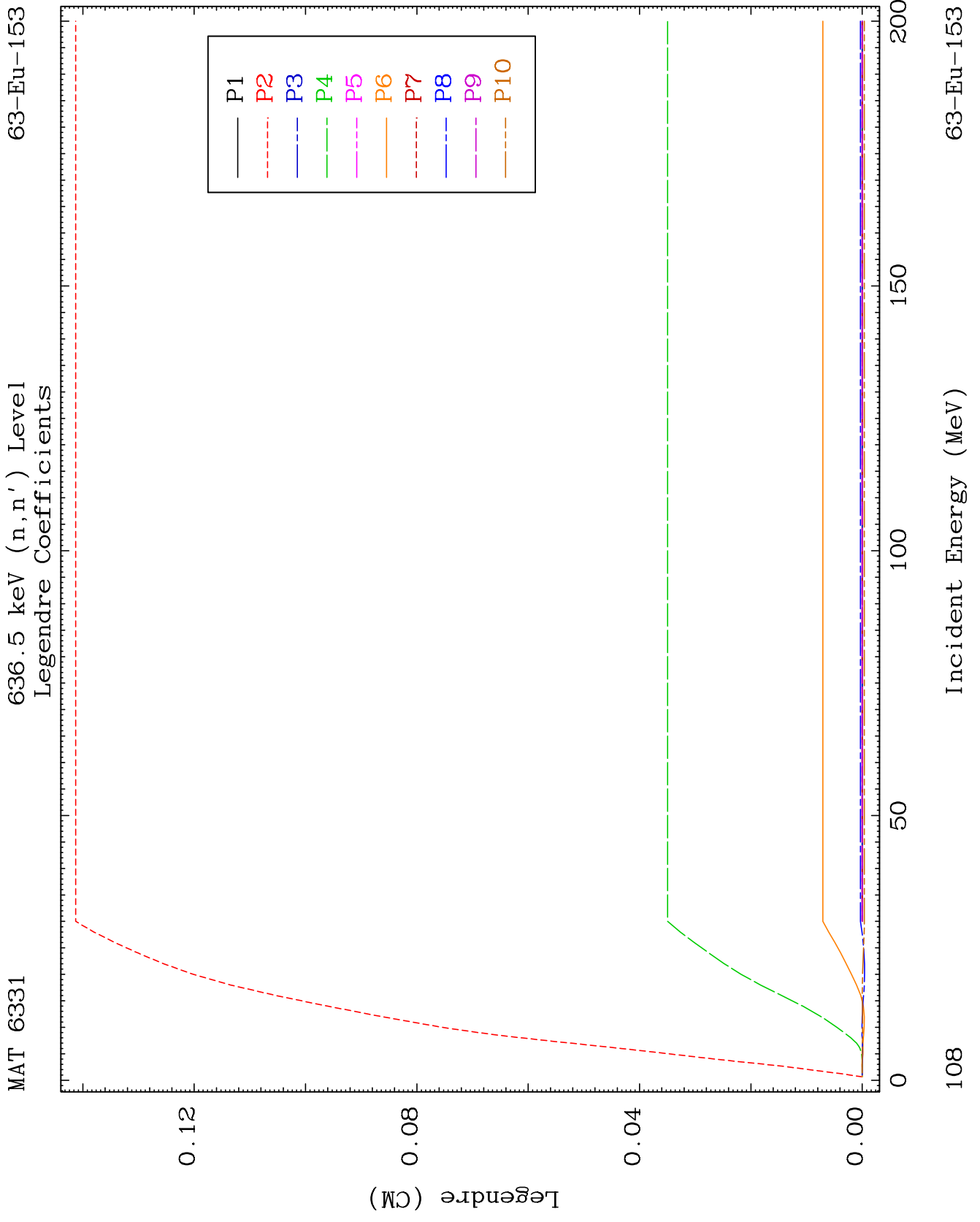








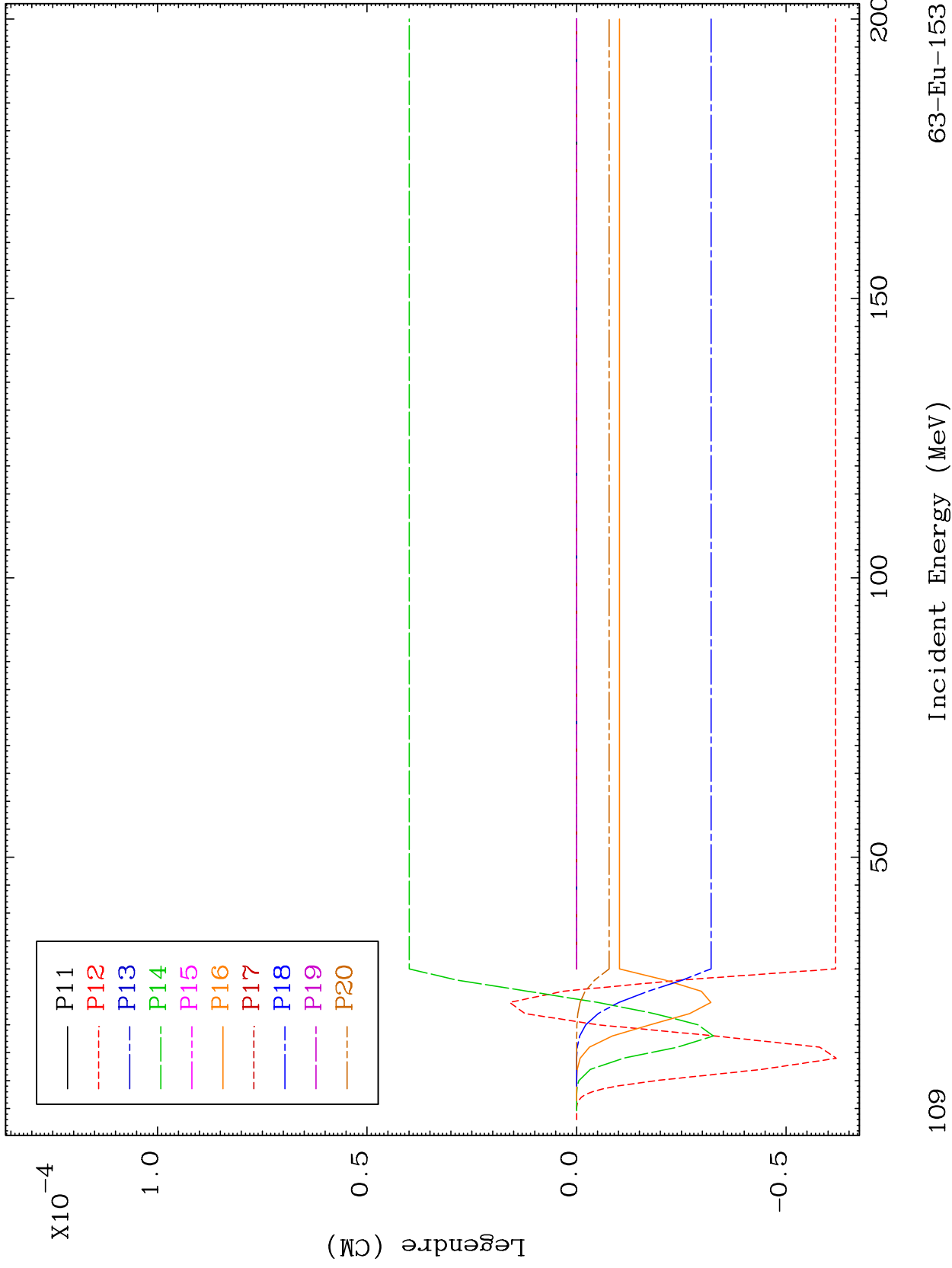




MAT 6331

636.5 keV (n,n') Level
Legendre Coefficients

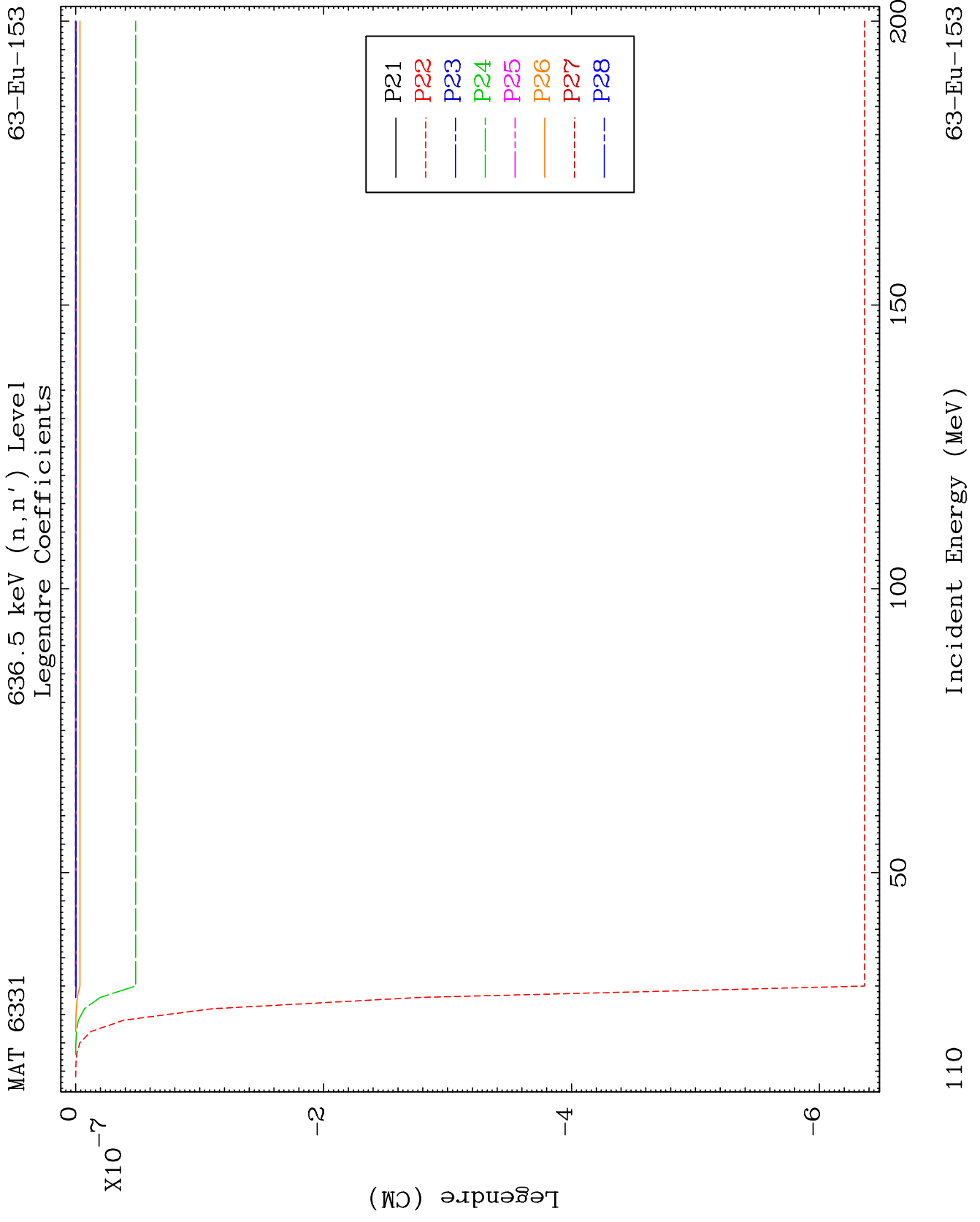
63-Eu-153



109

Incident Energy (MeV)

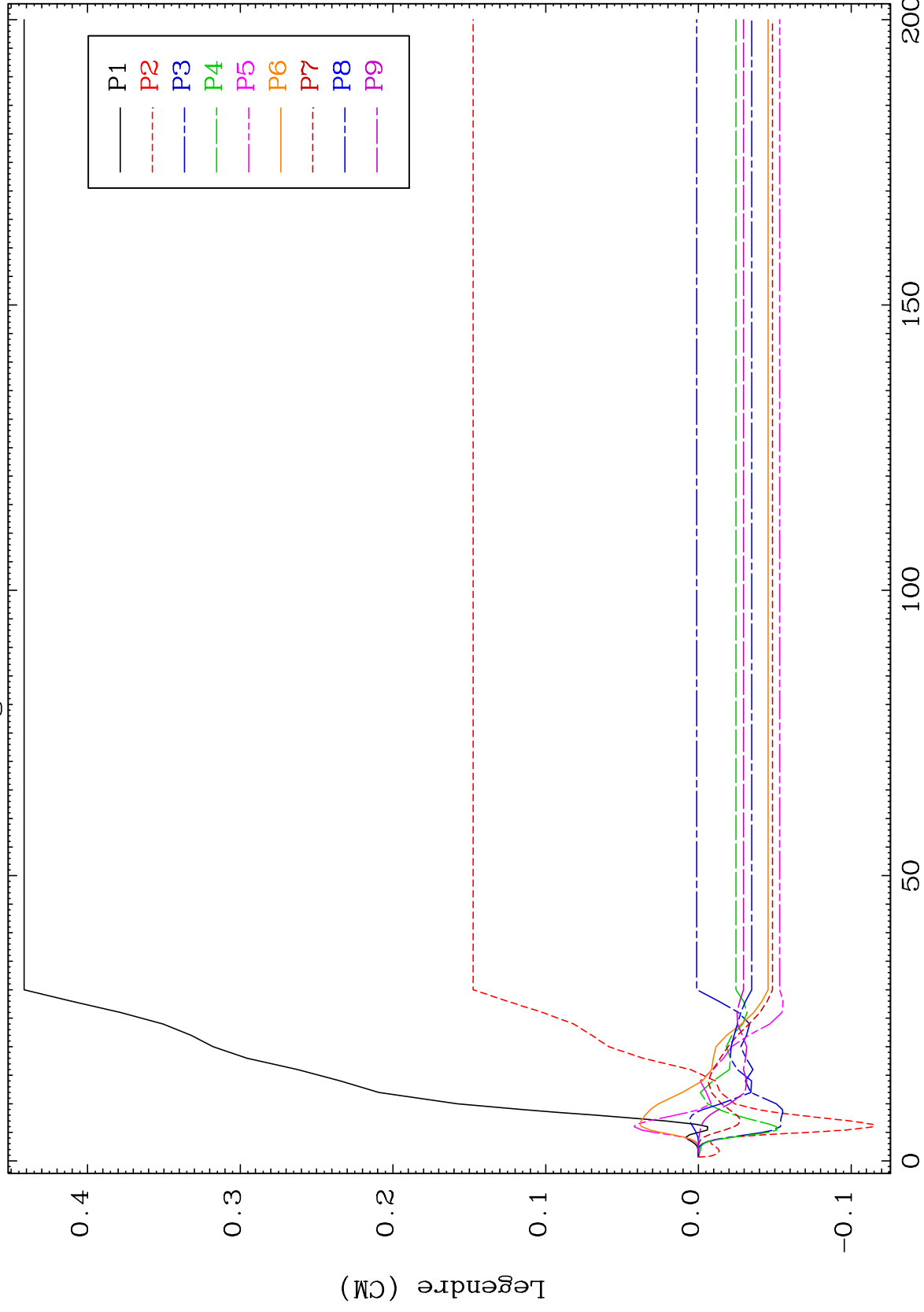
63-Eu-153



MAT 6331

641.6 keV (n,n') Level
Legendre Coefficients

63-Eu-153



63-Eu-153

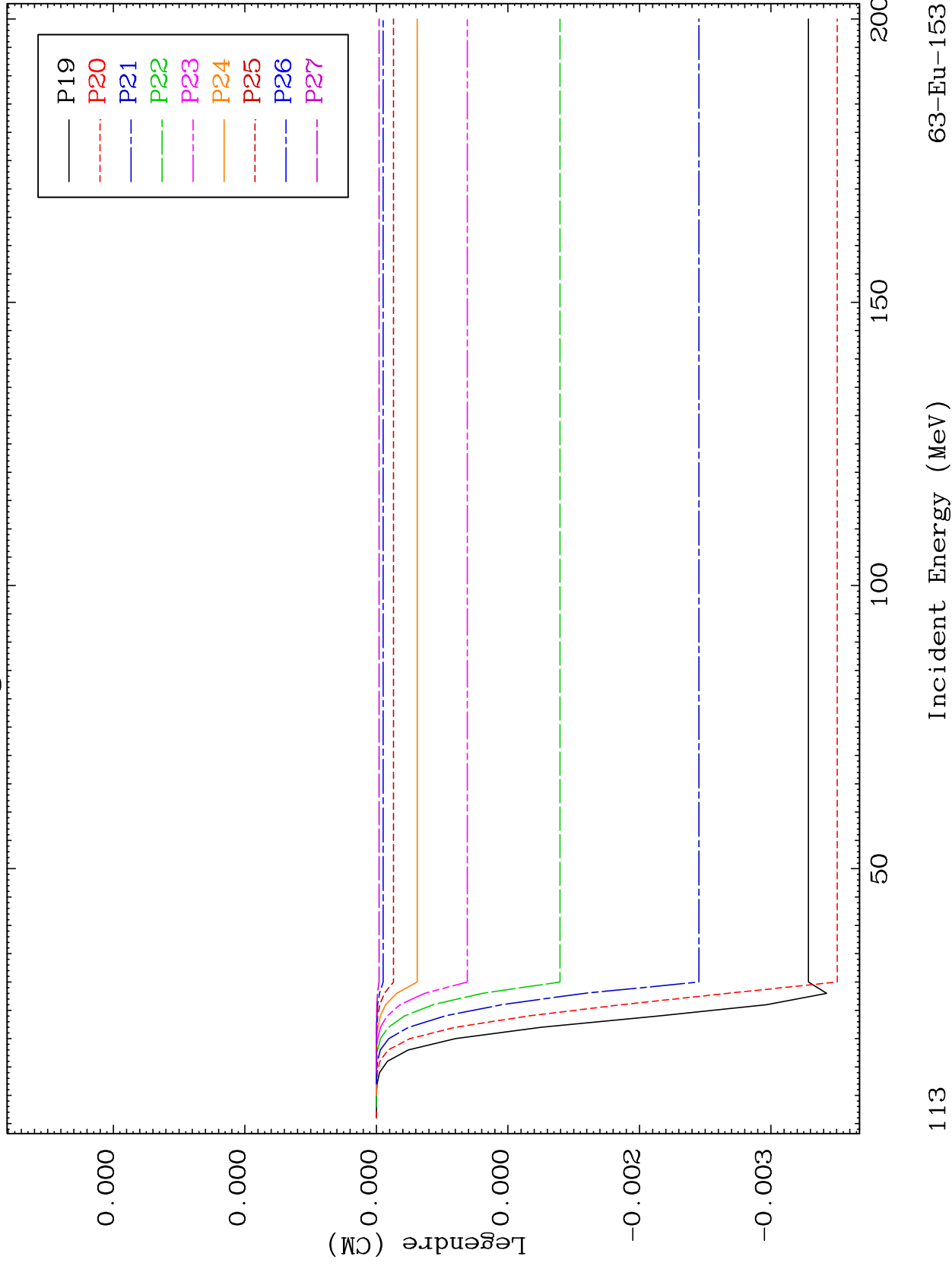
Incident Energy (MeV)

111

MAT 6331

641.6 keV (n,n') Level
Legendre Coefficients

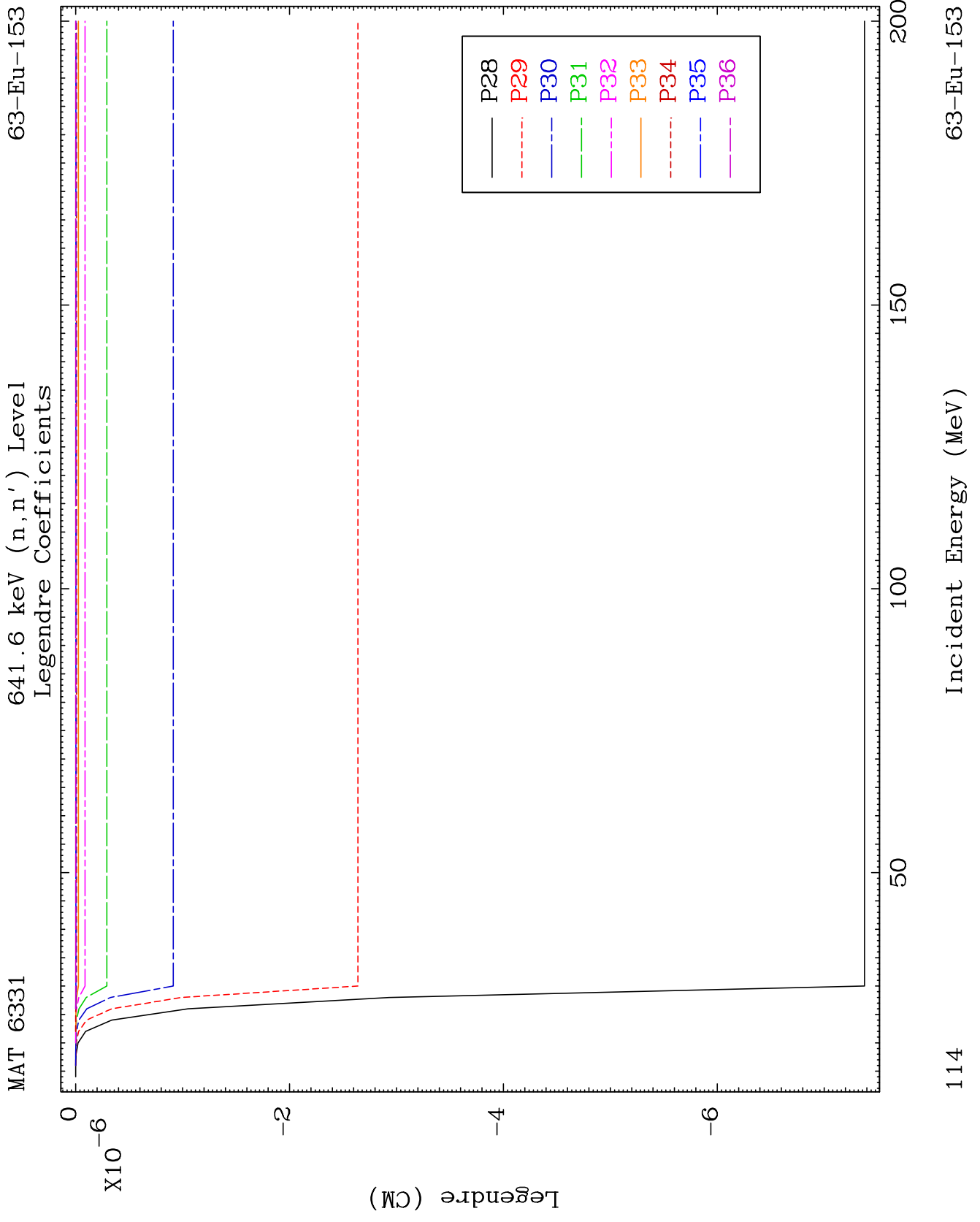
63-Eu-153



113

Incident Energy (MeV)

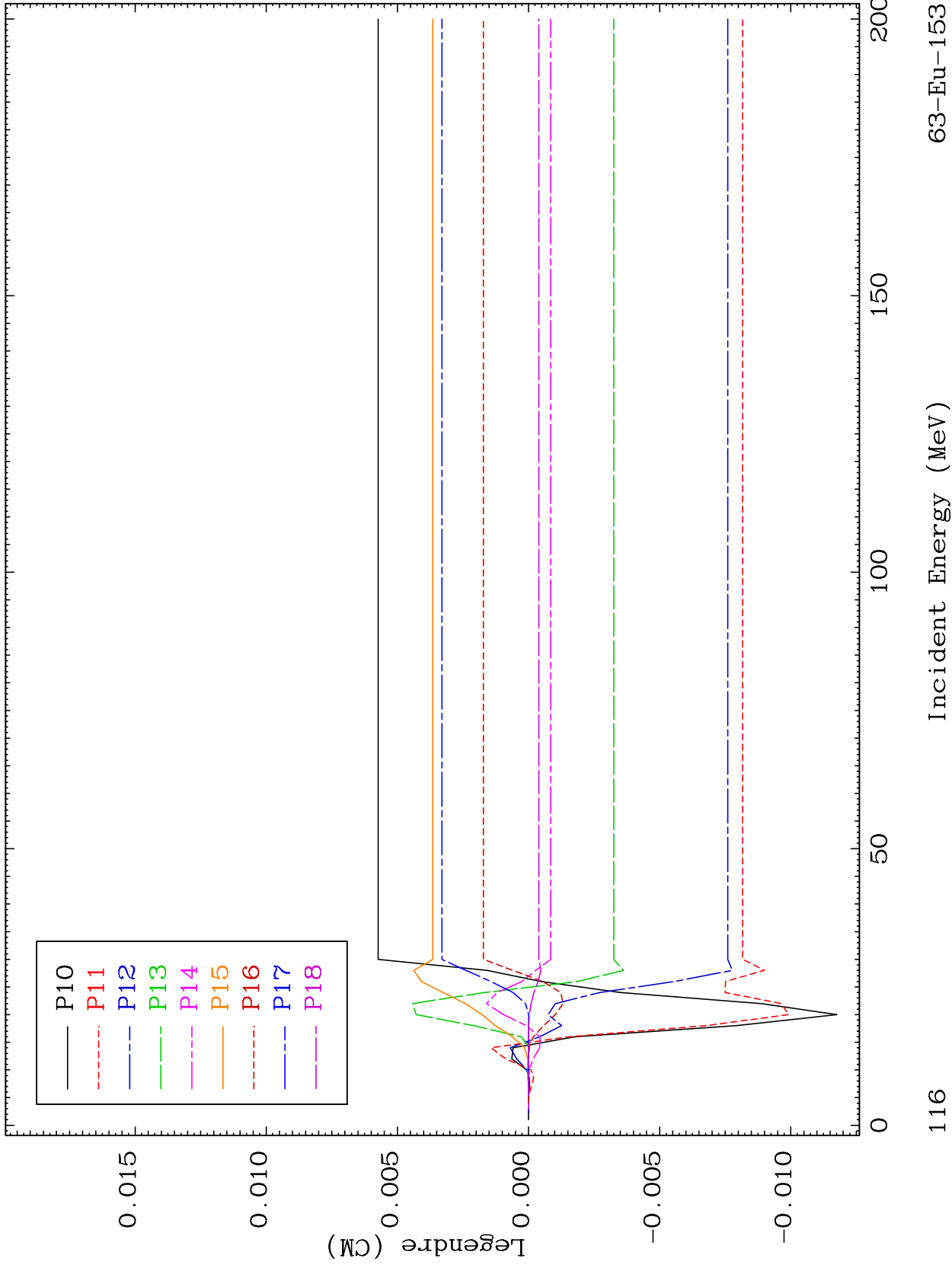
63-Eu-153



MAT 6331

654.7 keV (n,n') Level
Legendre Coefficients

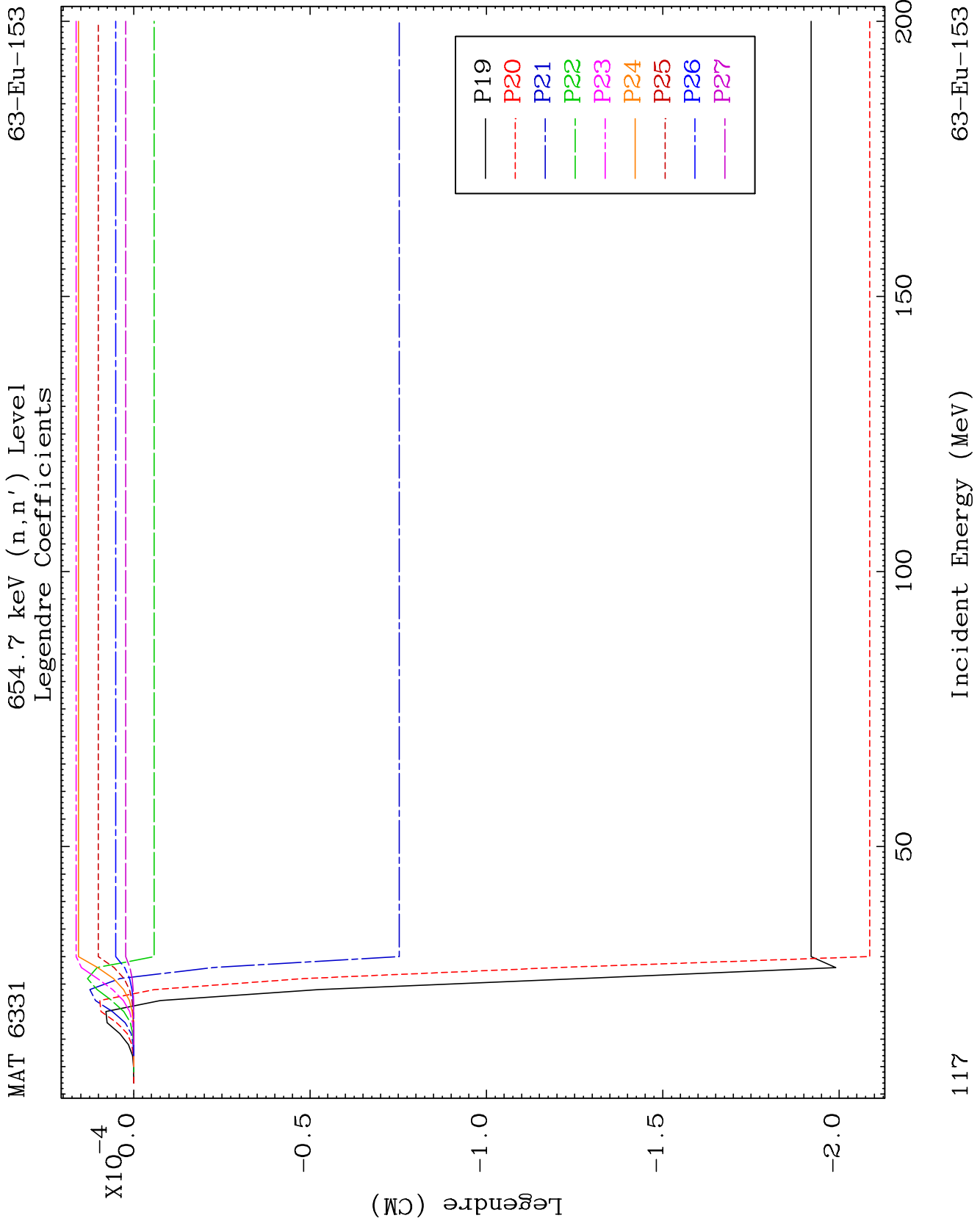
63-Eu-153

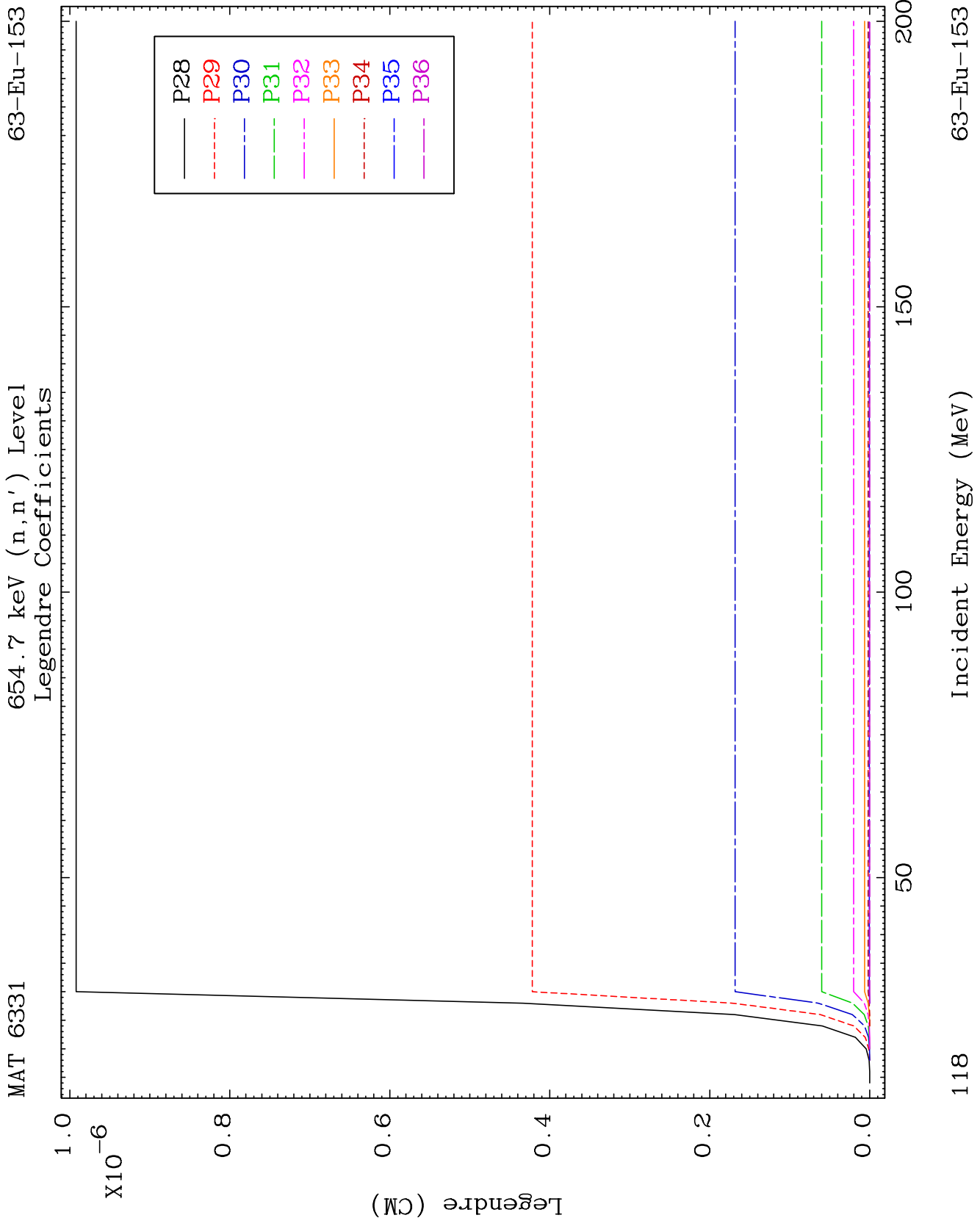


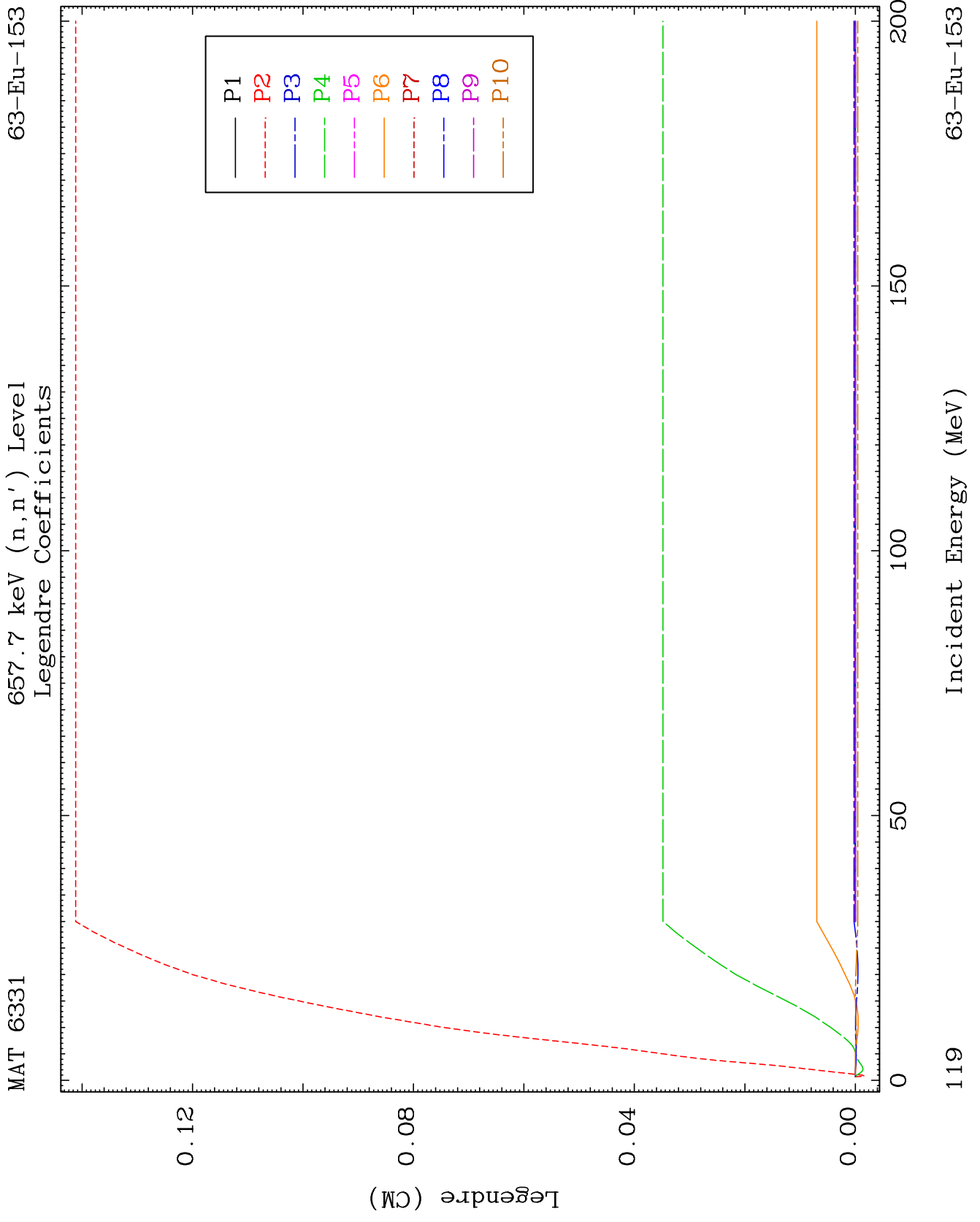
116

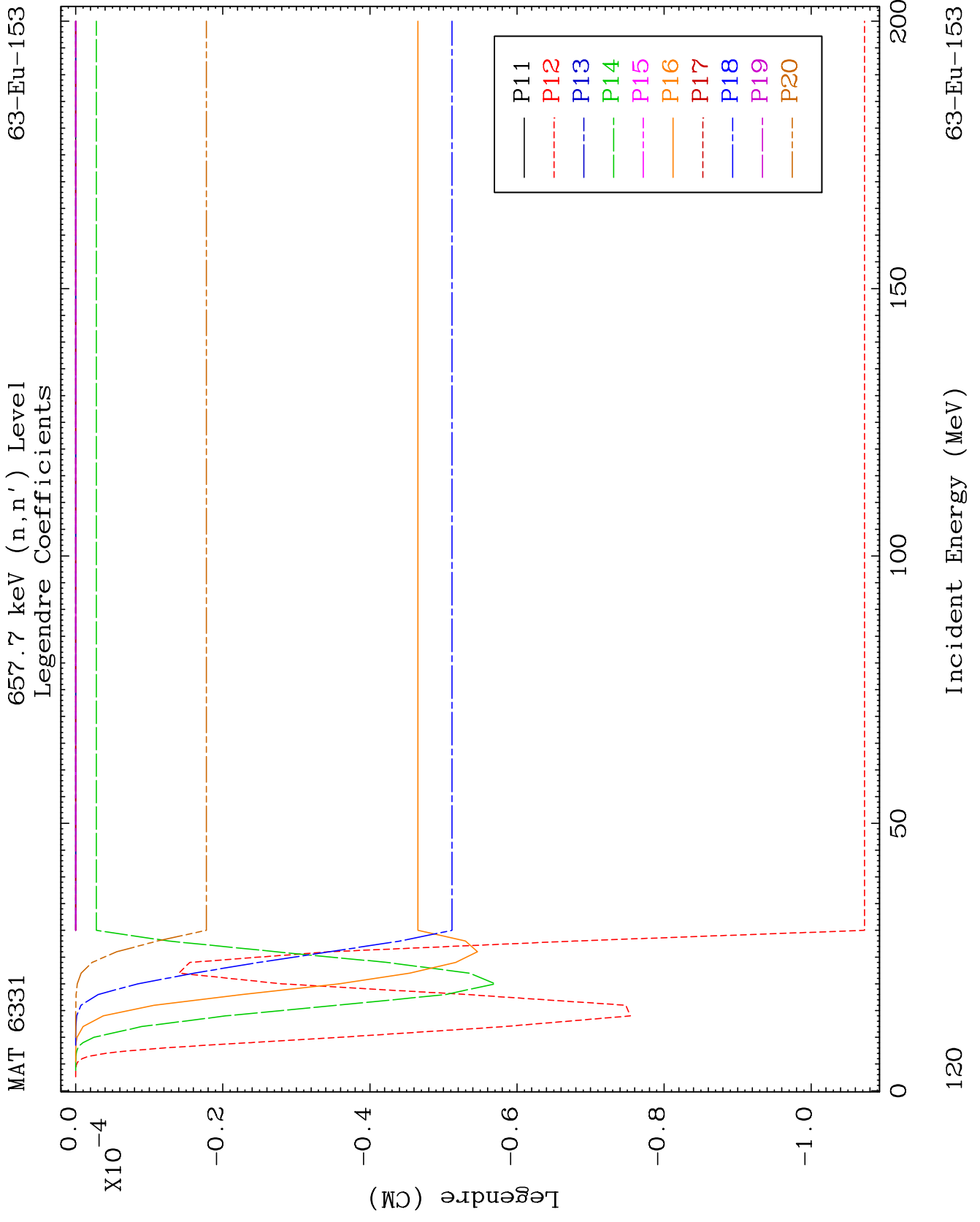
Incident Energy (MeV)

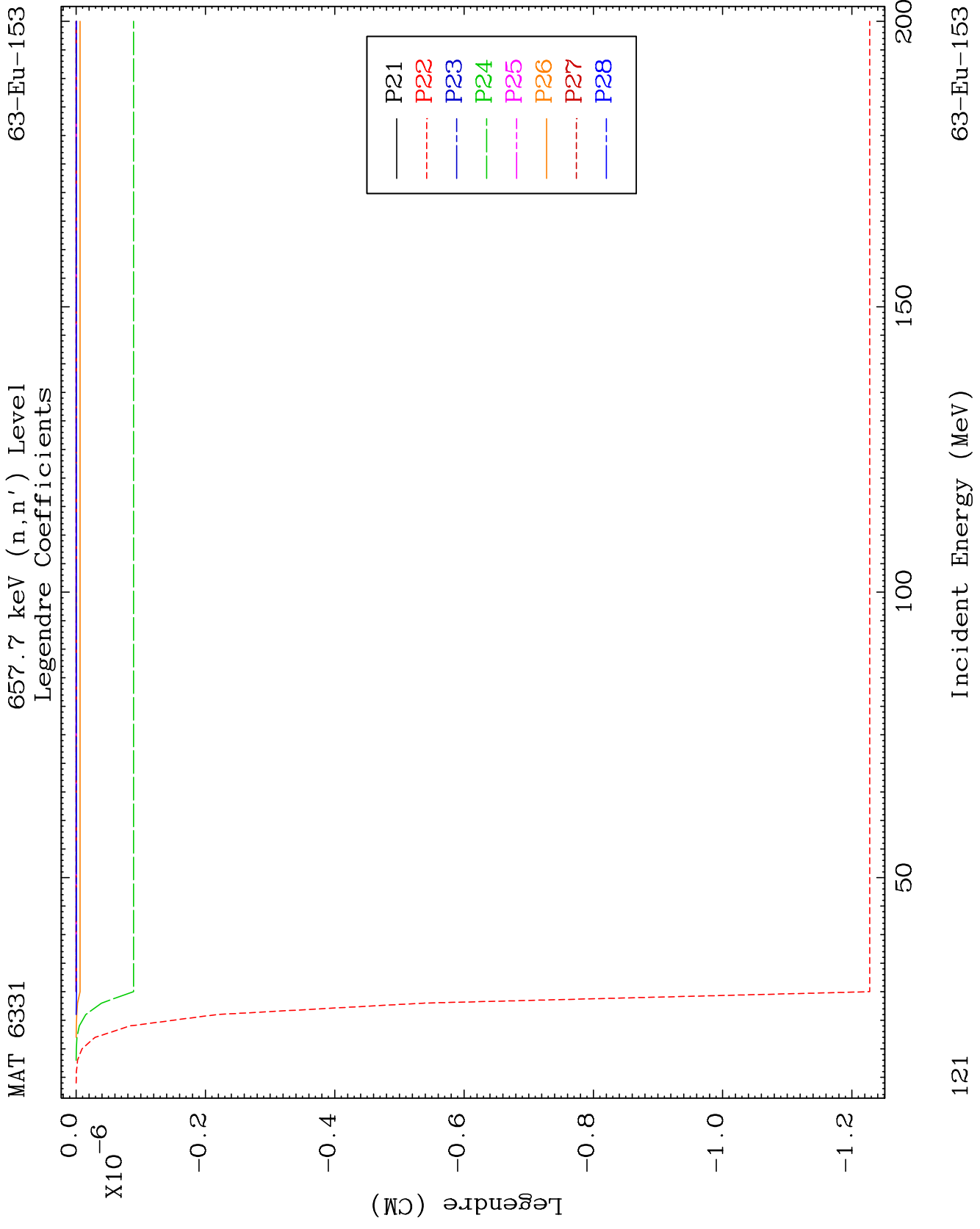
63-Eu-153

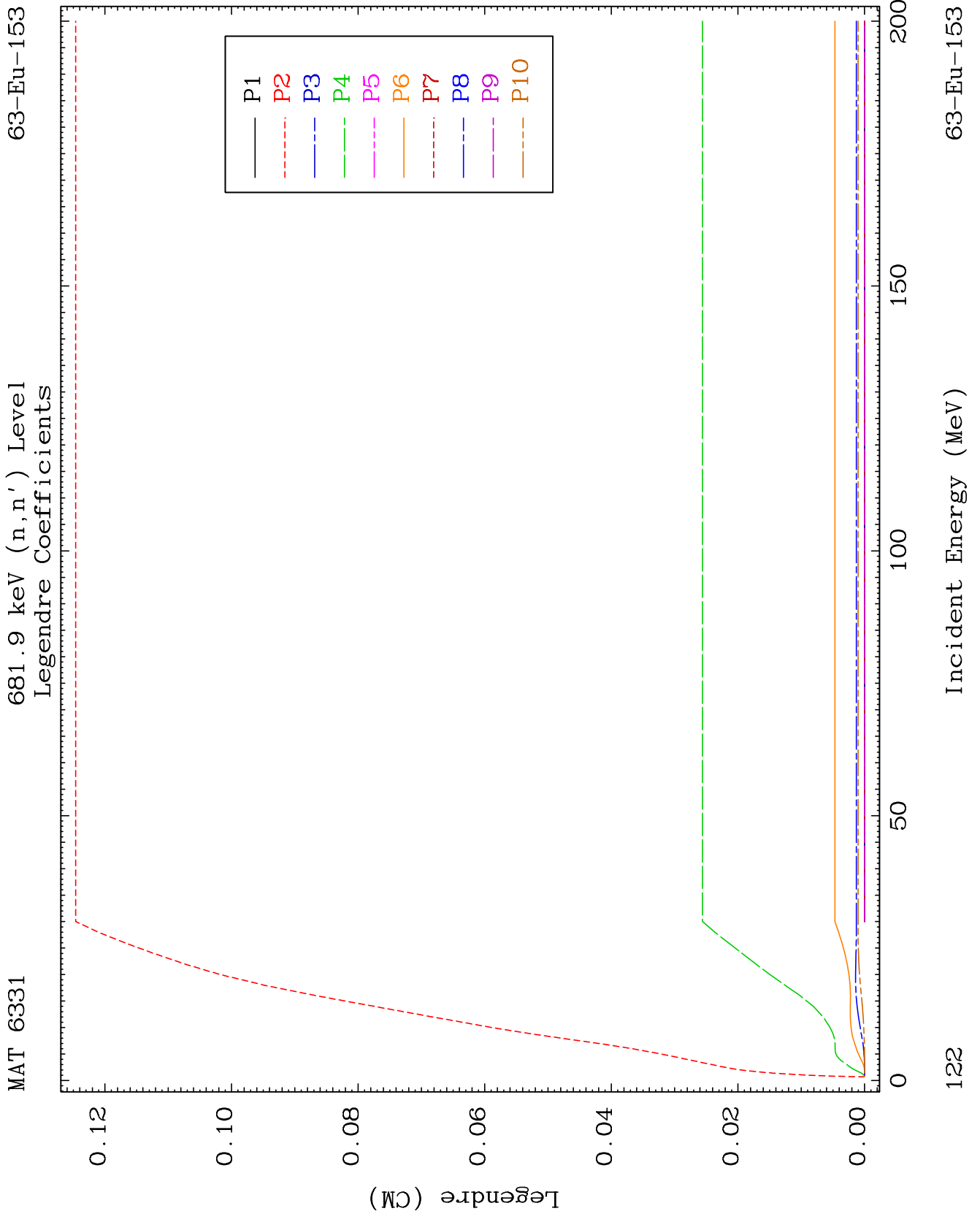


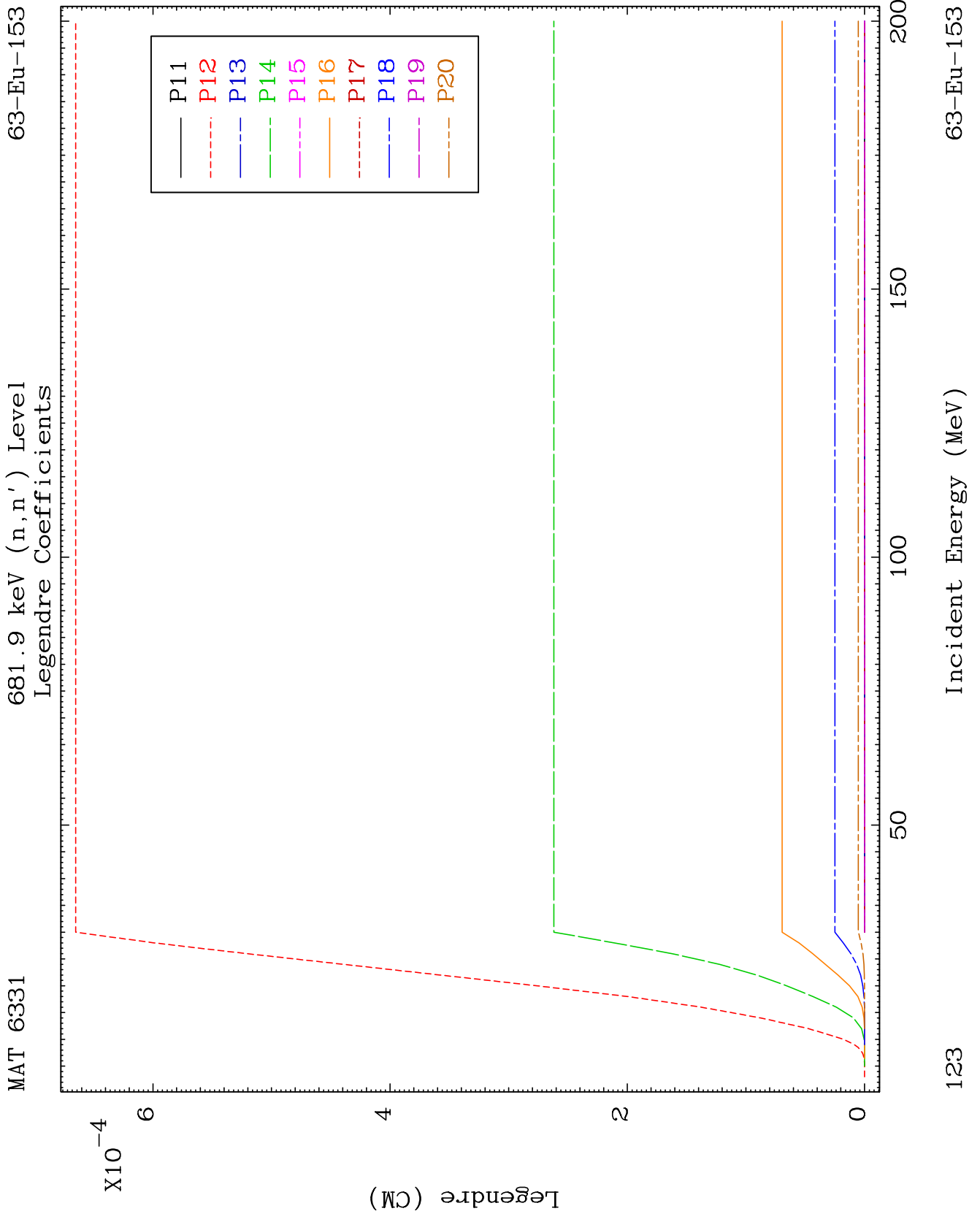


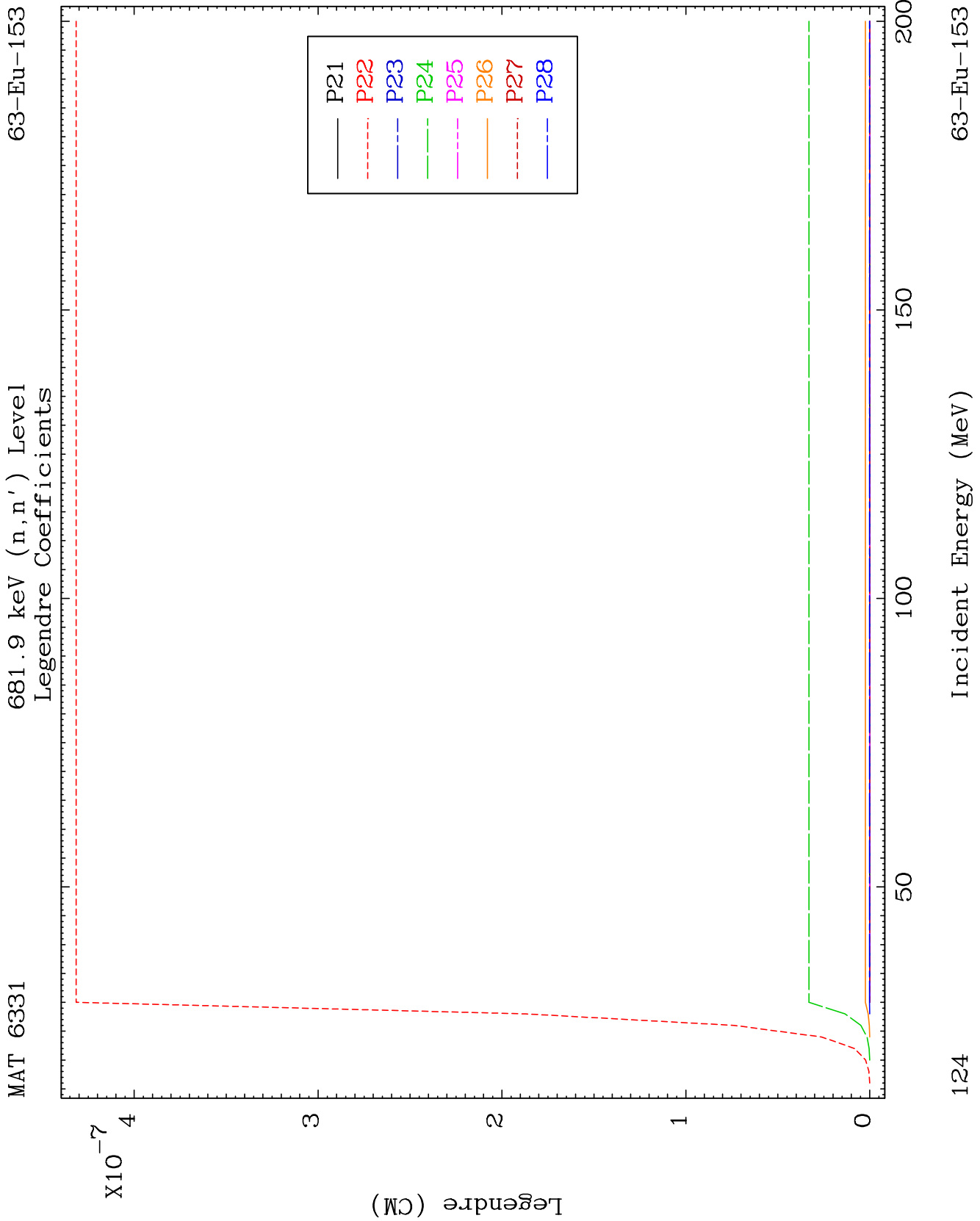


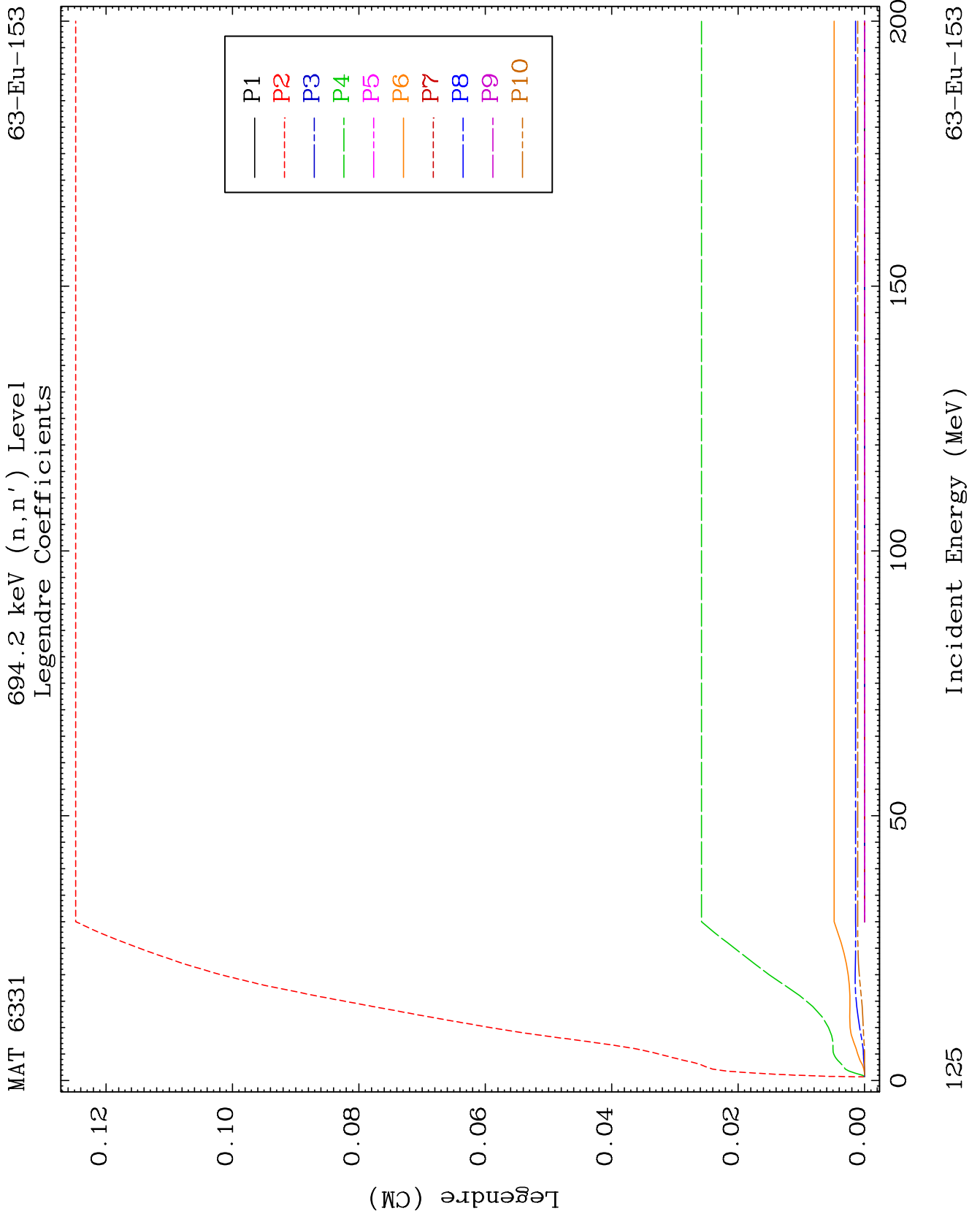








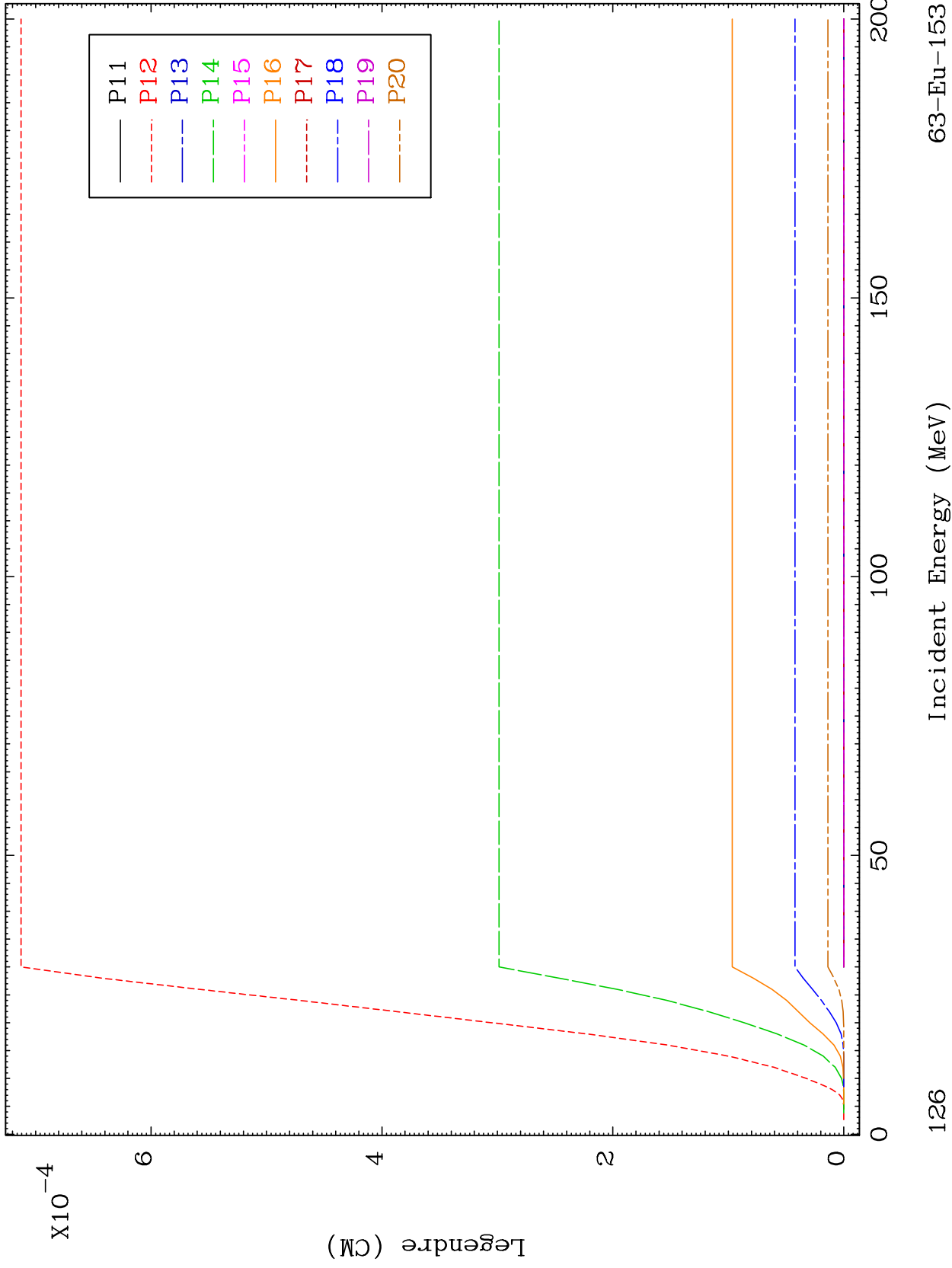




MAT 6331

694.2 keV (n, n') Level
Legendre Coefficients

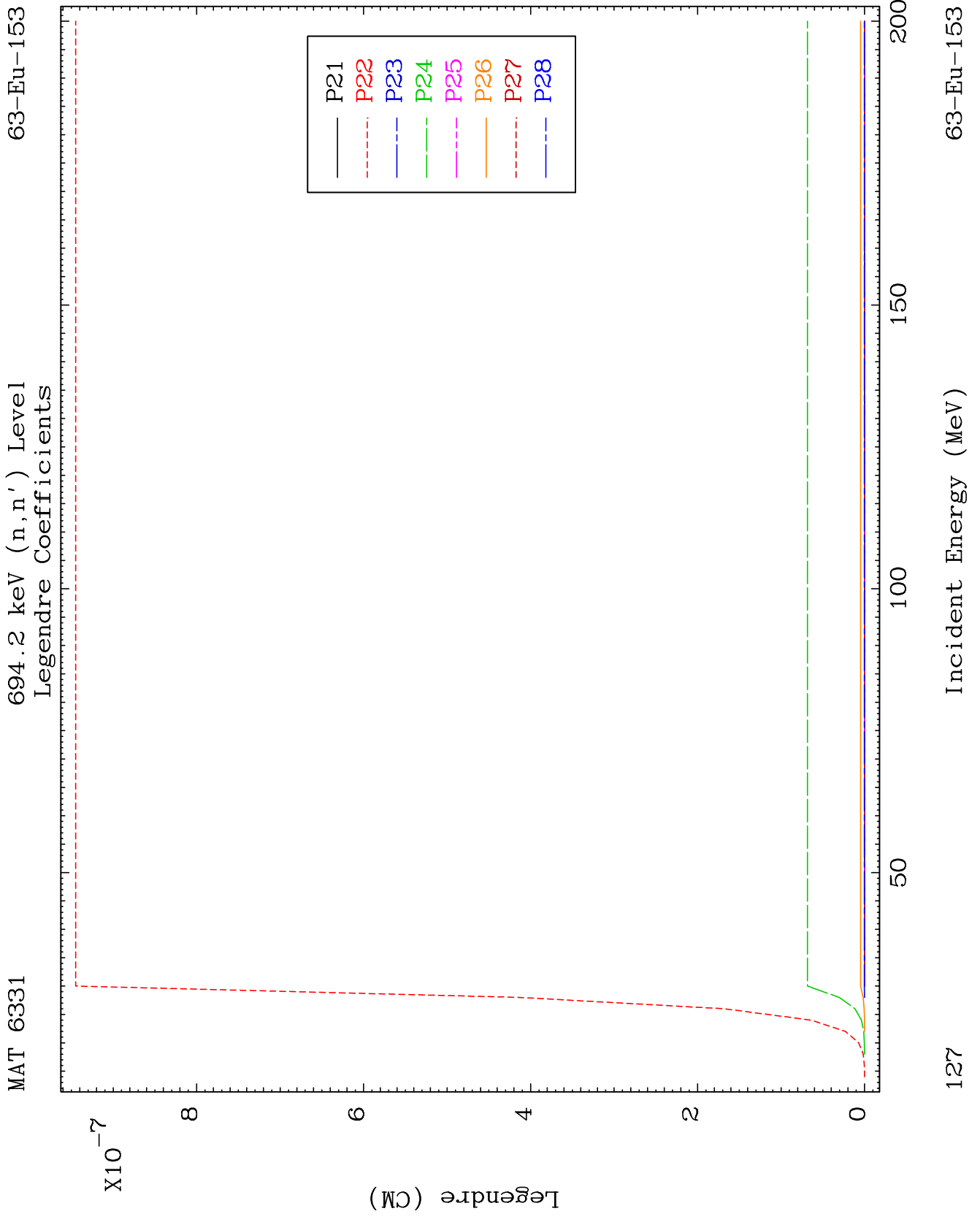
63-Eu-153



126

Incident Energy (MeV)

63-Eu-153

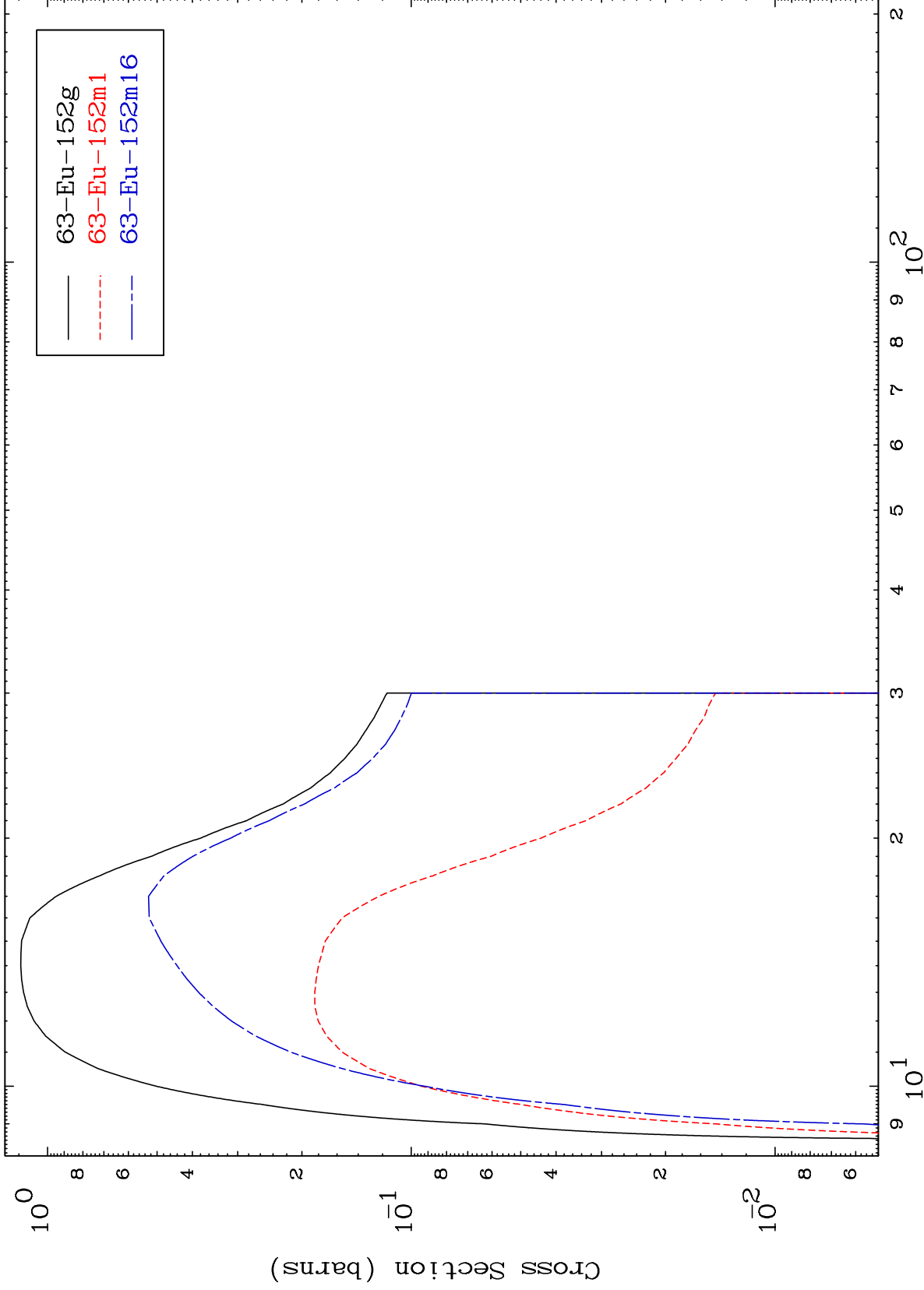


MAT 6331

(n,2n)

63-Eu-153

Radionuclide Production Cross Section



128

Incident Energy (MeV)

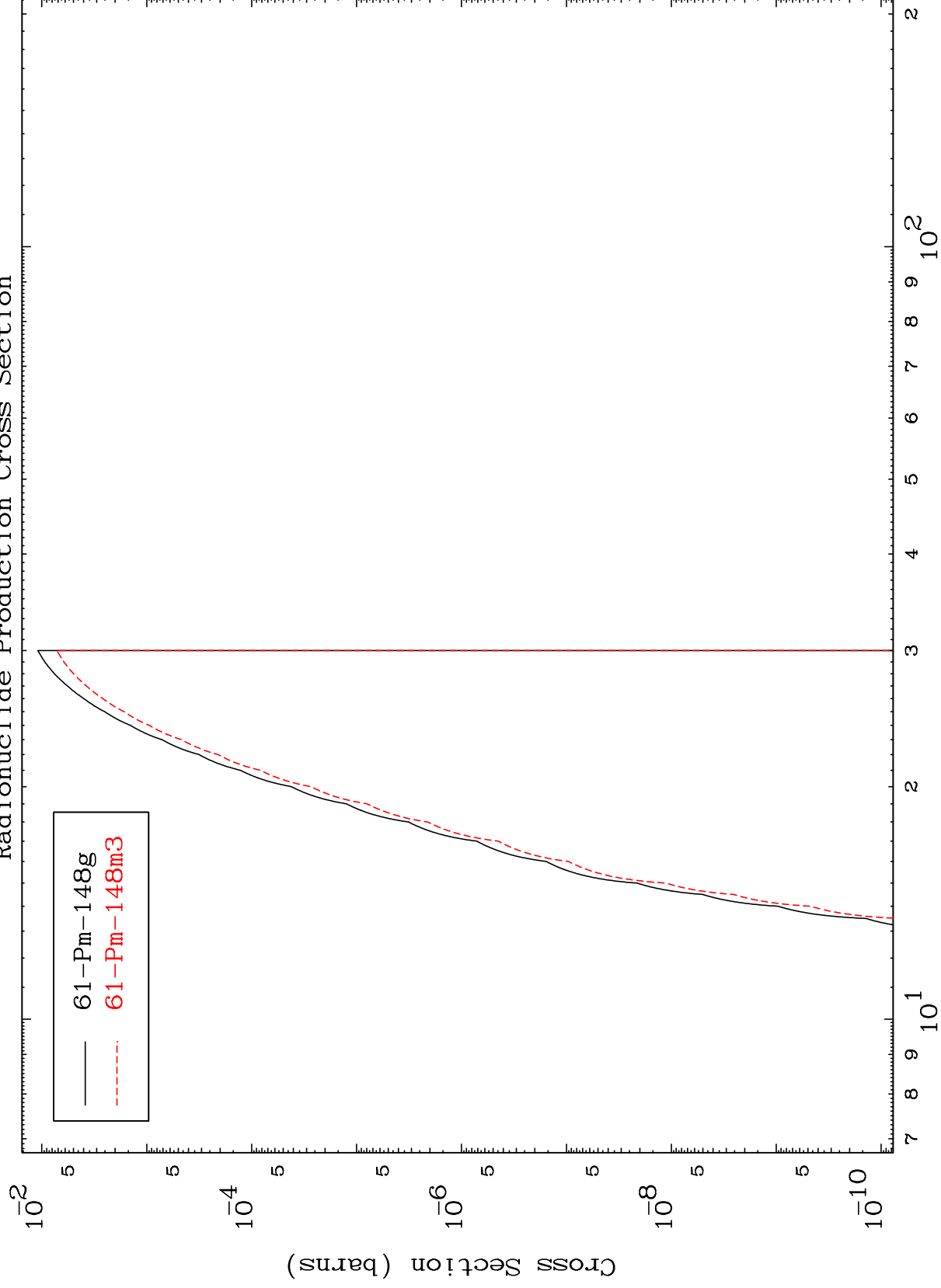
63-Eu-153

MAT 6331

(n,2n) α

63-Eu-153

Radionuclide Production Cross Section



129

Incident Energy (MeV)

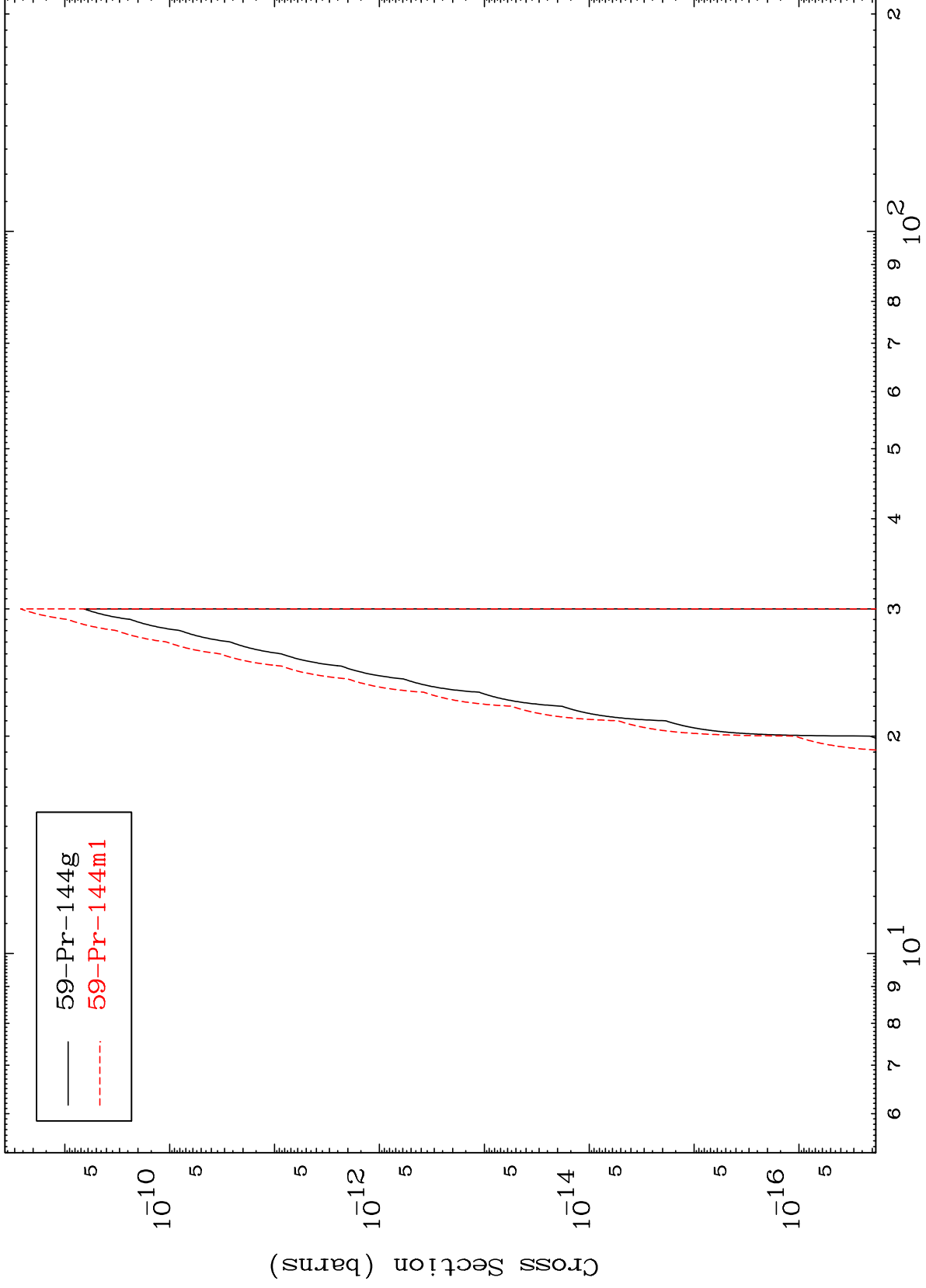
63-Eu-153

MAT 6331

(n,2n) 2α

63-Eu-153

Radionuclide Production Cross Section



130

Incident Energy (MeV)

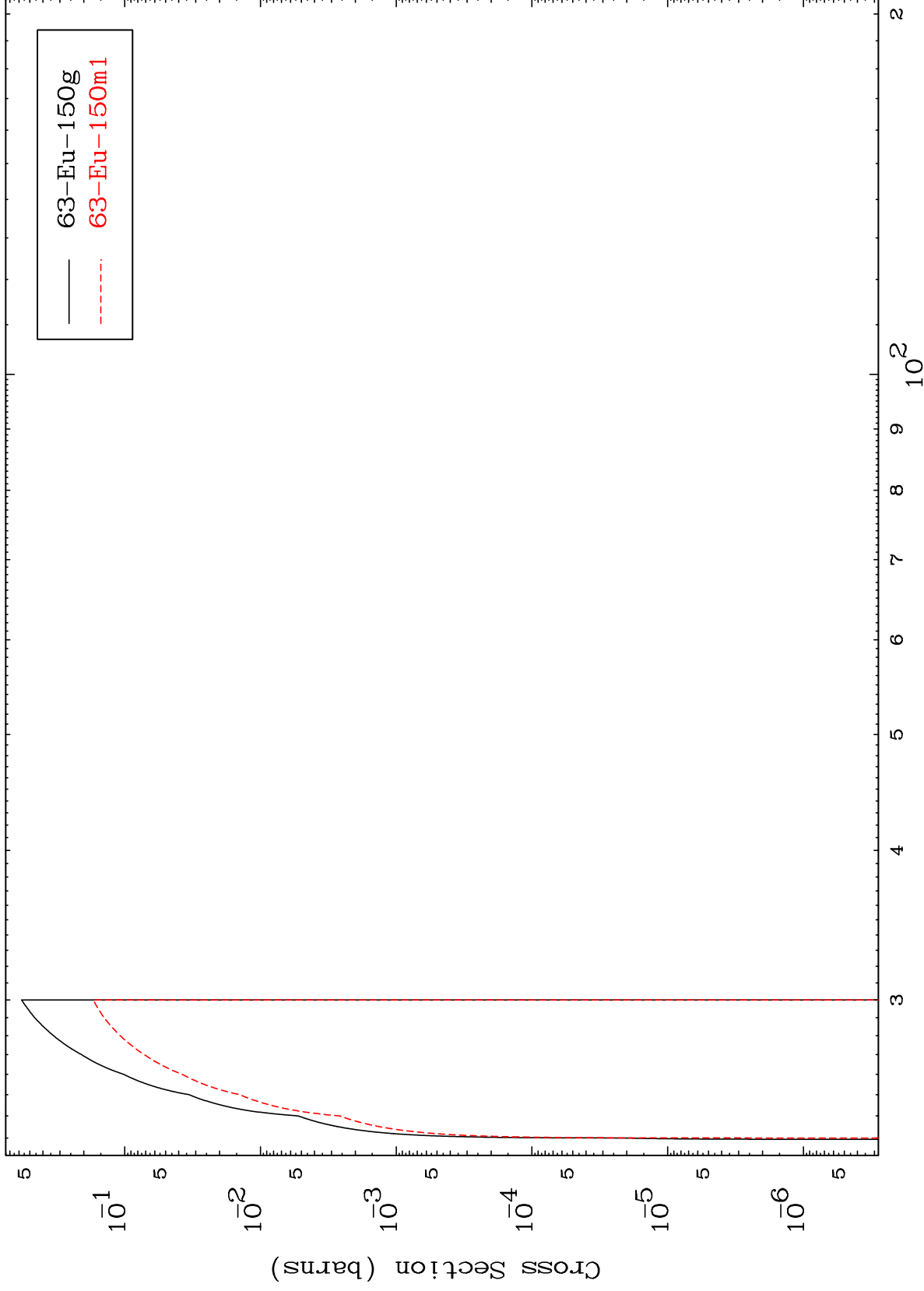
63-Eu-153

MAT 6331

(n,4n)

63-Eu-153

Radionuclide Production Cross Section



131

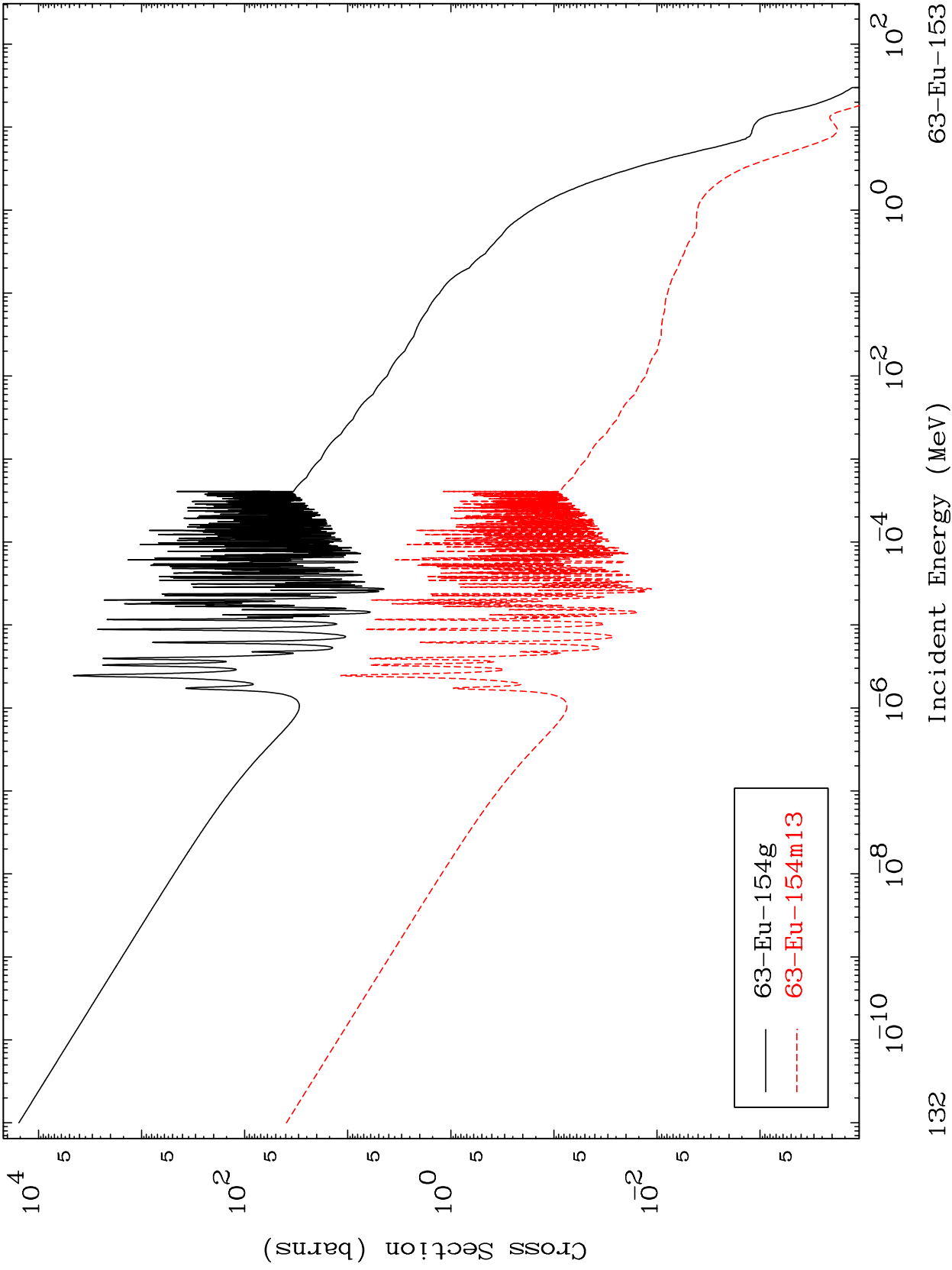
Incident Energy (MeV)

63-Eu-153

MAT 6331

63-Eu-153

(n, γ)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

