

Program EVALPLOT
(Version 2021-1)

by

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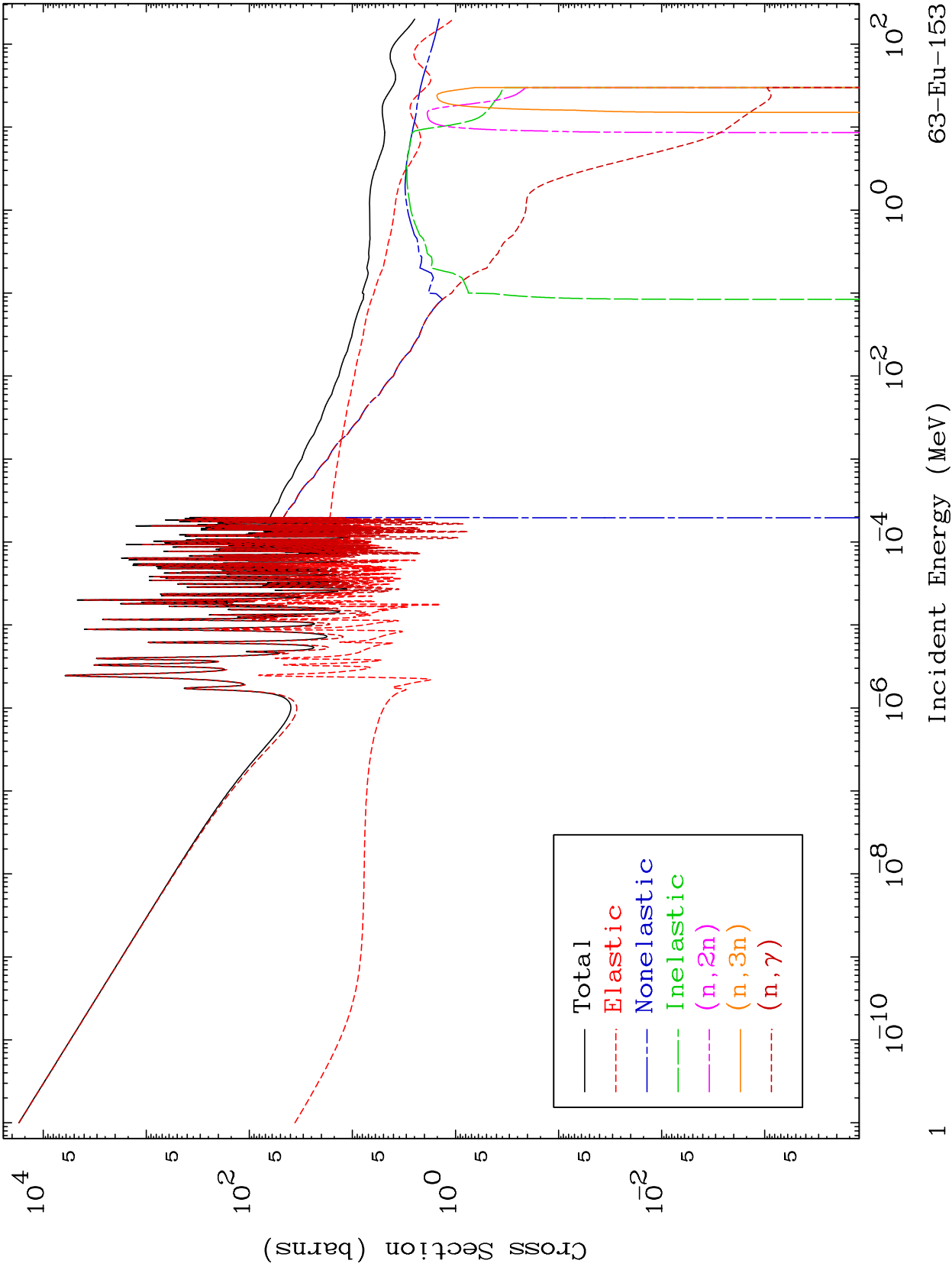
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Press Mouse Button to Start

MAT 6331

Neutron Major
293 Kelvin Cross Sections

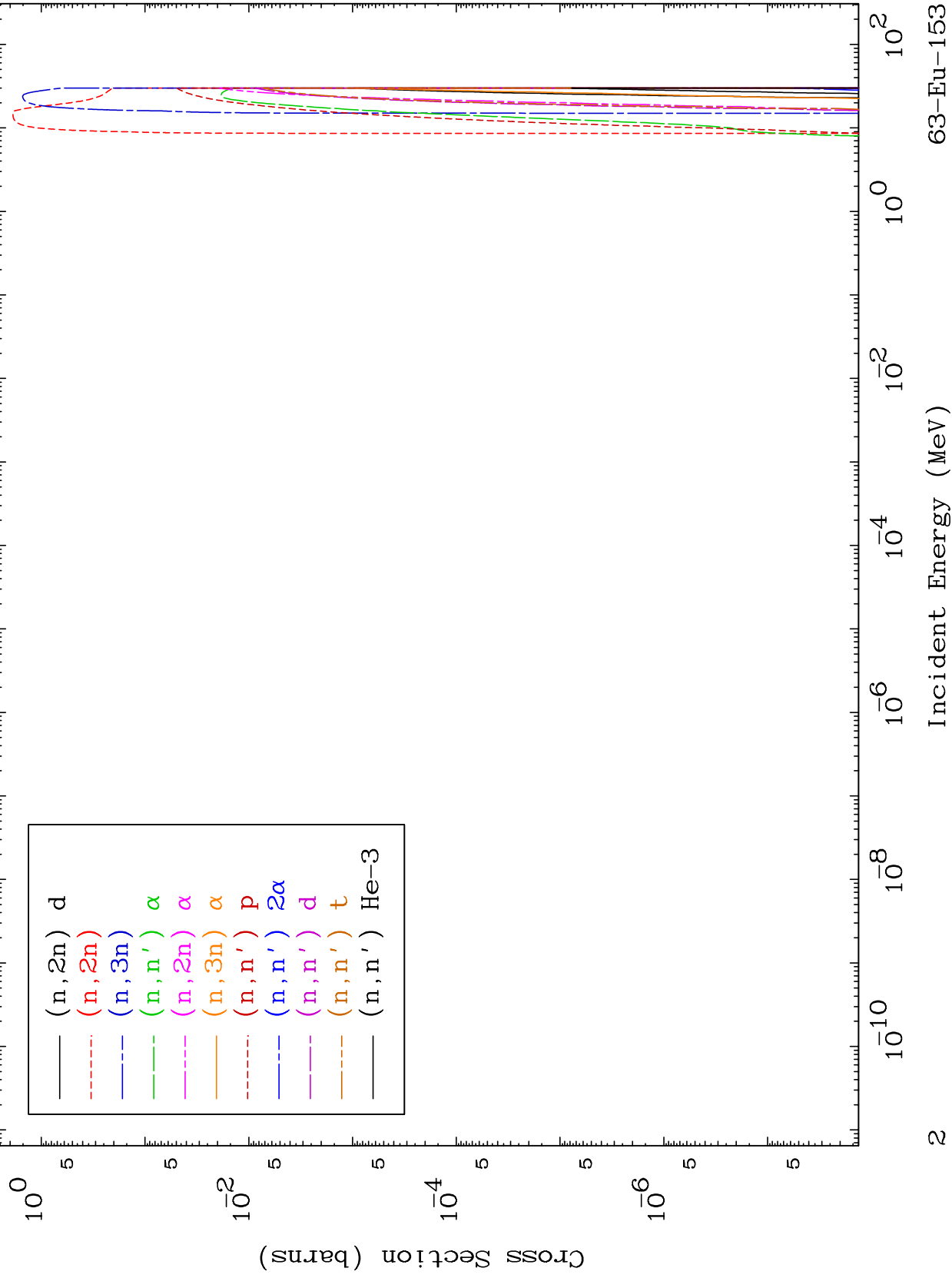
63-Eu-153

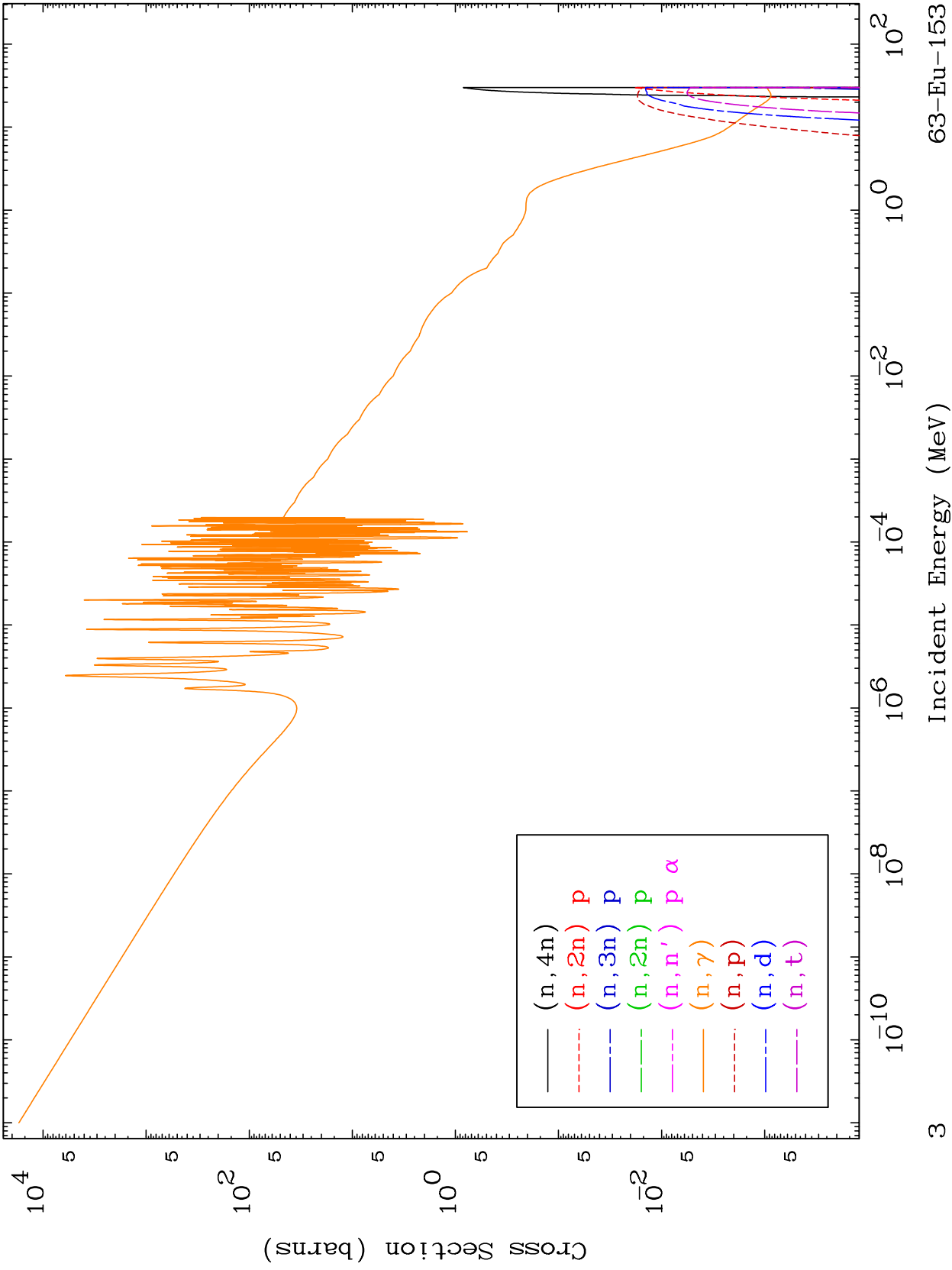


MAT 6331

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-153

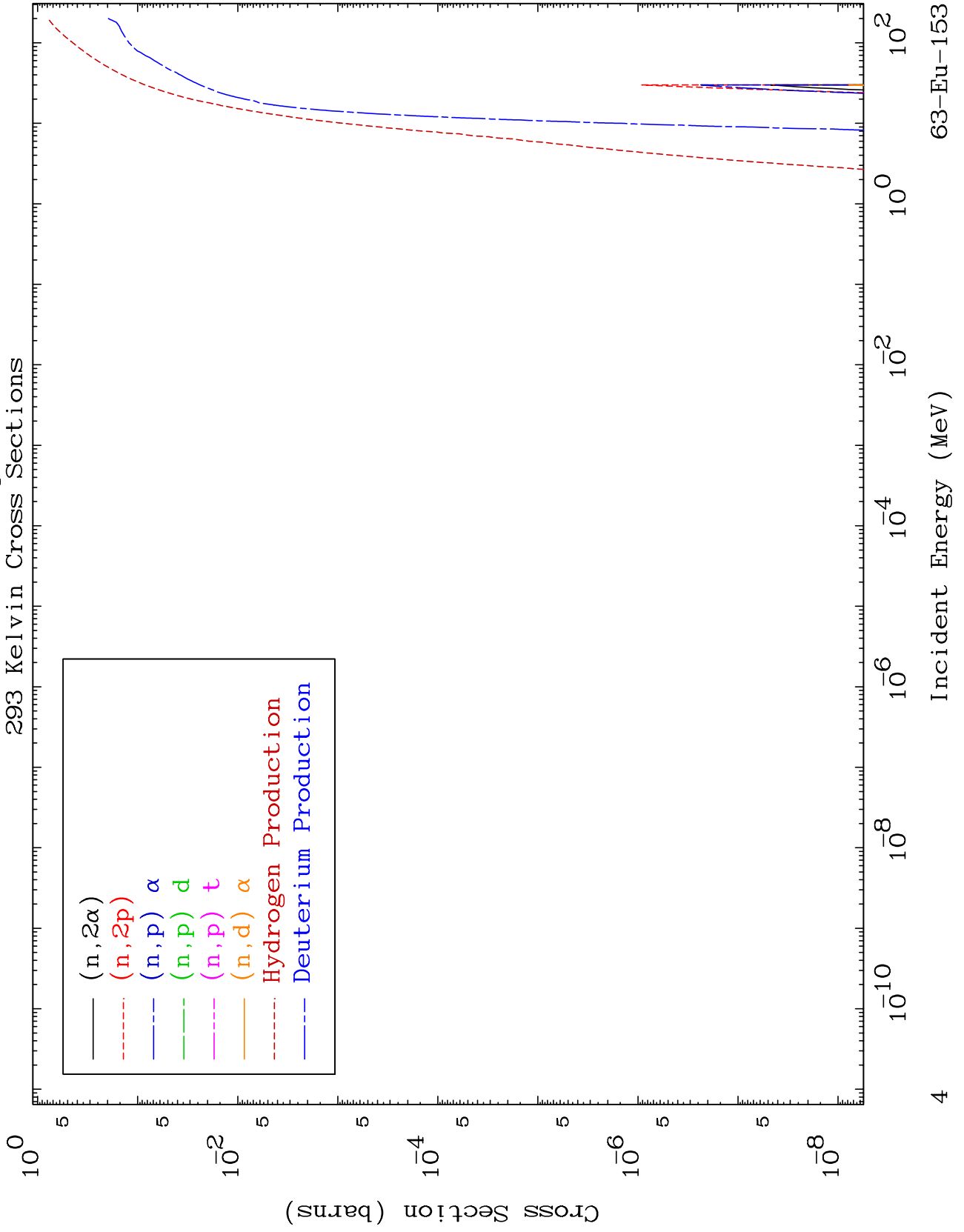




MAT 6331

Neutron Absorption
293 Kelvin Cross Sections

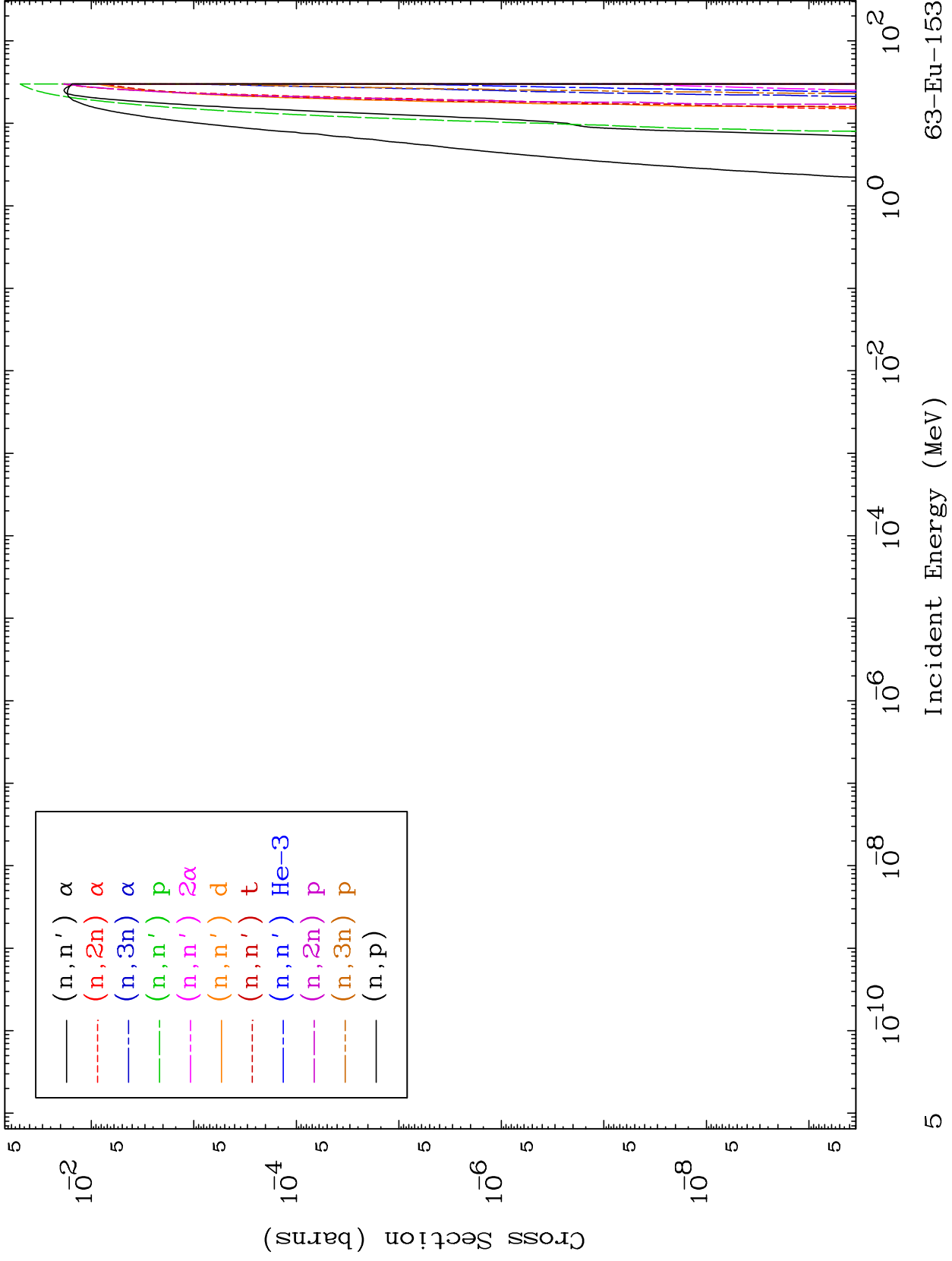
63-Eu-153



MAT 6331

Charged Particle
293 Kelvin Cross Sections

63-Eu-153



5

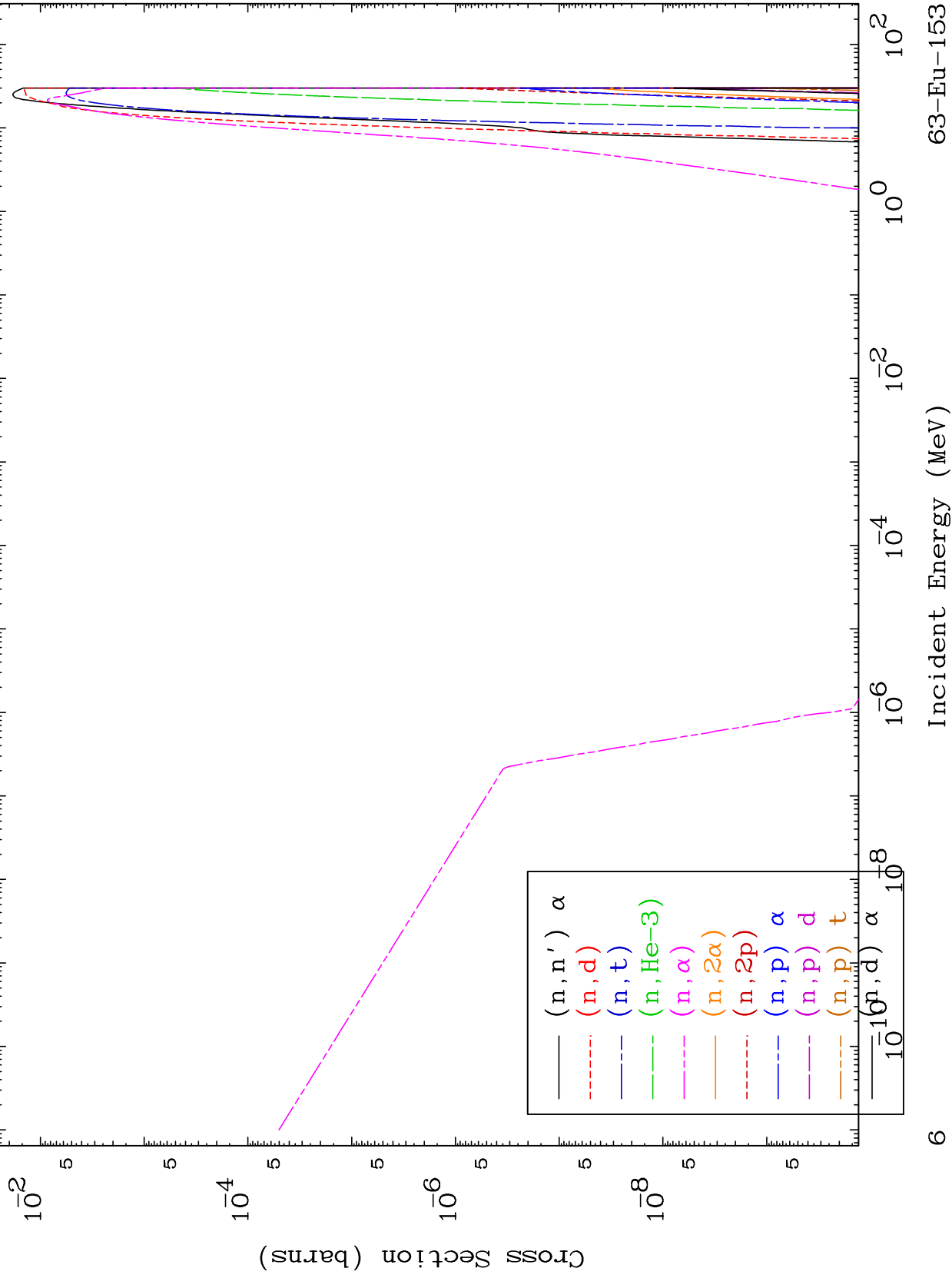
Incident Energy (MeV)

63-Eu-153

MAT 6331

Charged Particle
293 Kelvin Cross Sections

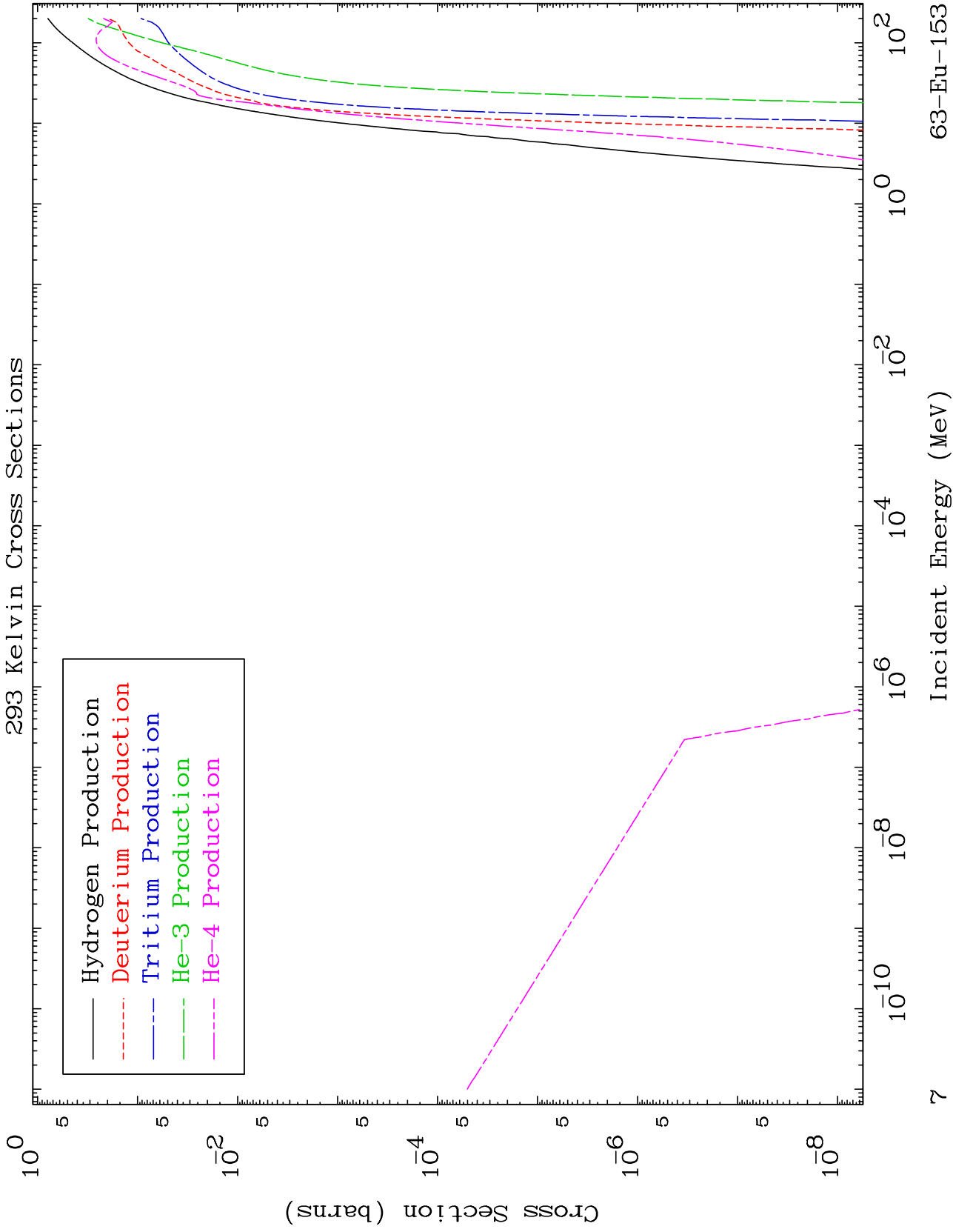
63-Eu-153



MAT 6331

Particle Production
293 Kelvin Cross Sections

63-Eu-153

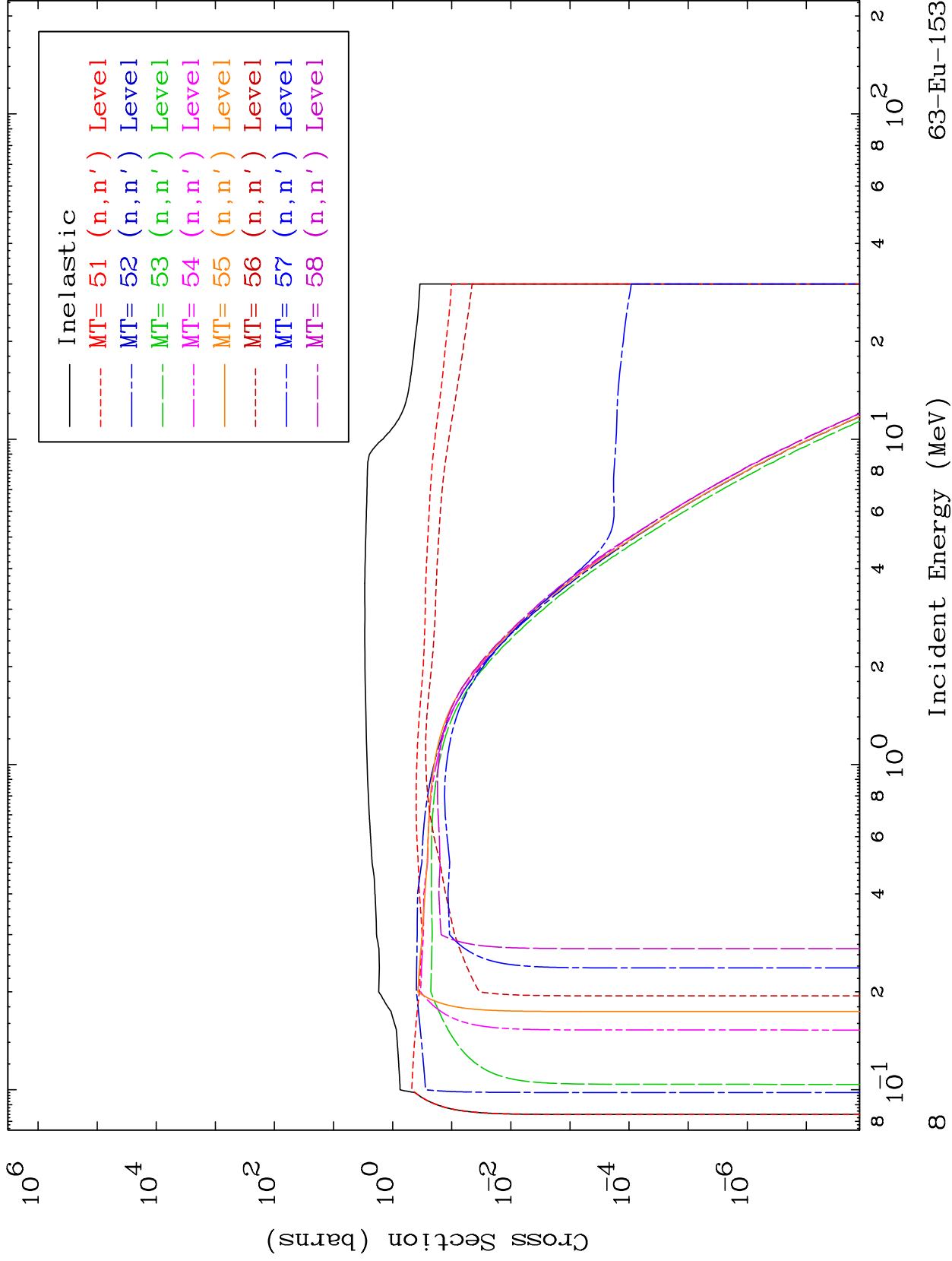


MAT 6331

(n,n') Levels

293 Kelvin Cross Sections

63-Eu-153



63-Eu-153

Incident Energy (MeV)

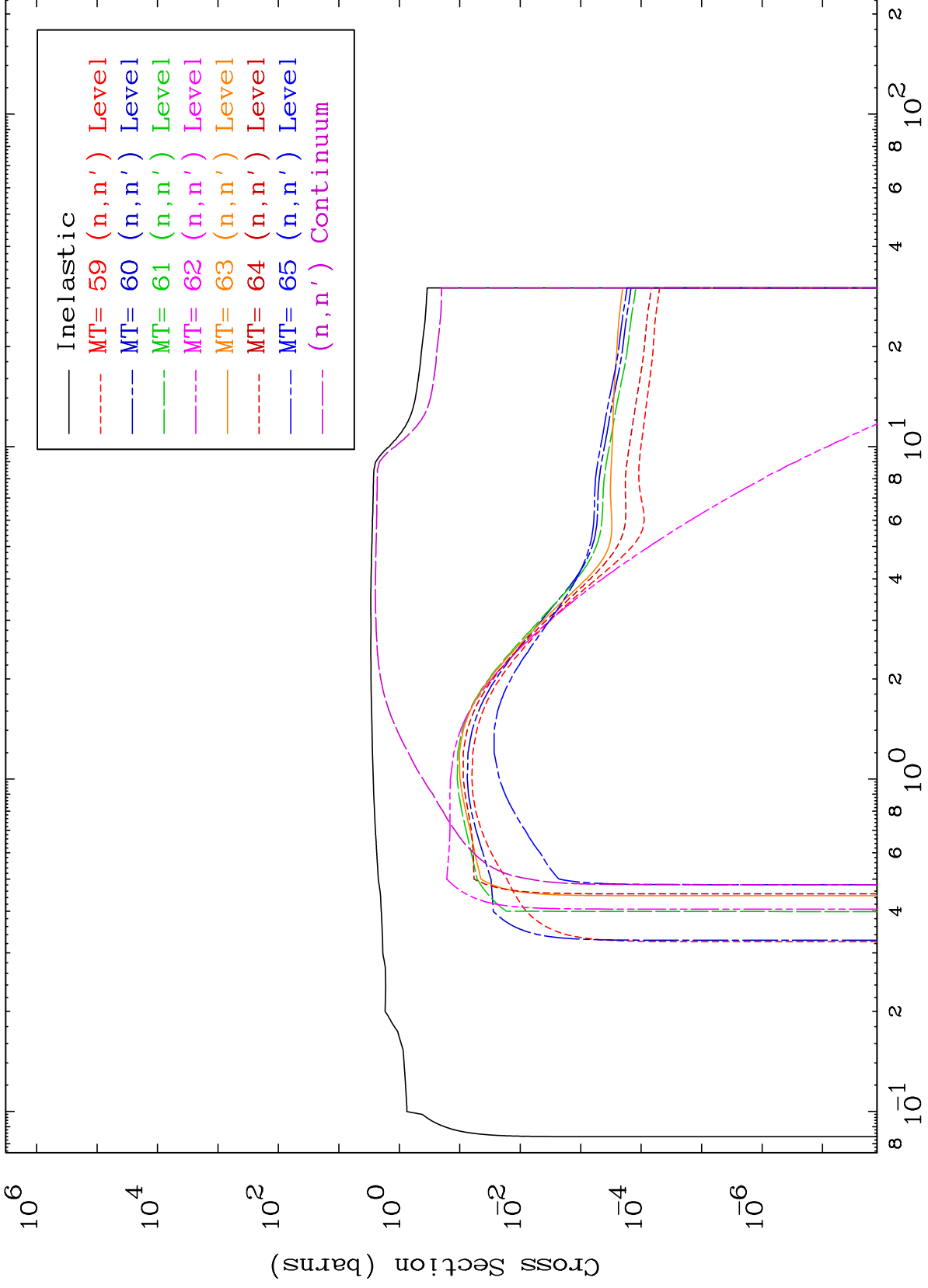
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MAT 6331

(n,n') Levels

293 Kelvin Cross Sections

63-Eu-153



9

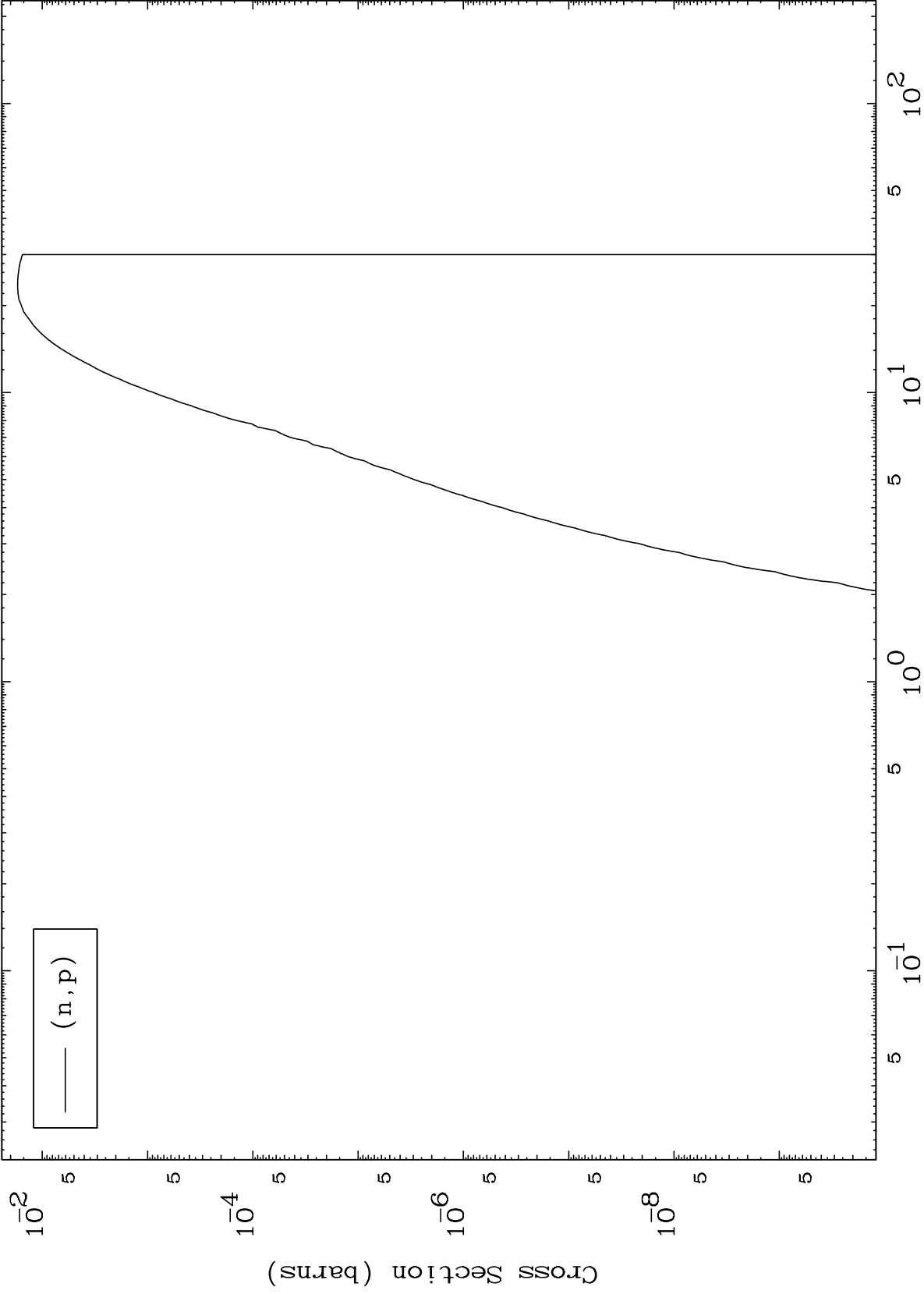
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-153



10

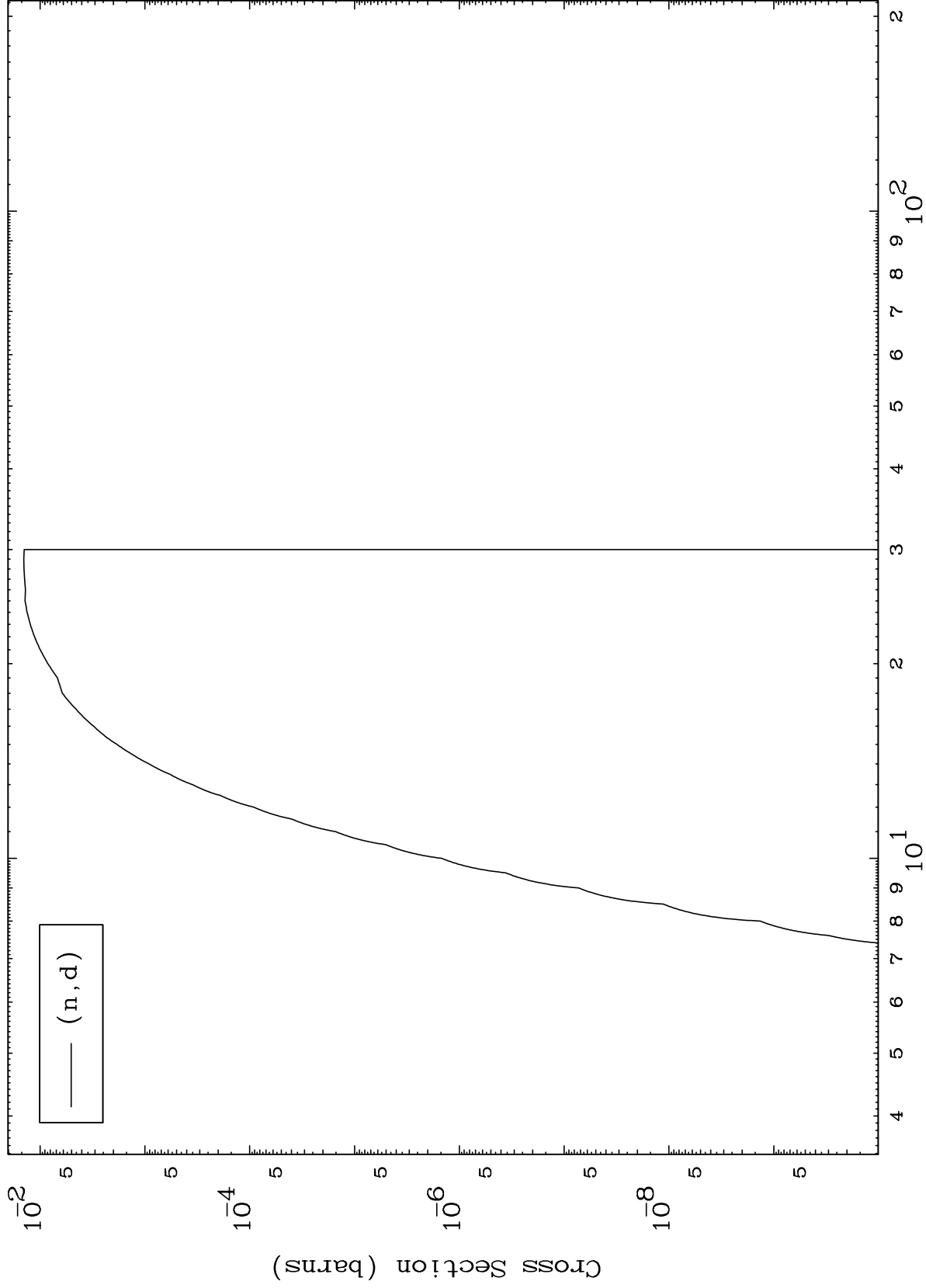
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-153



11

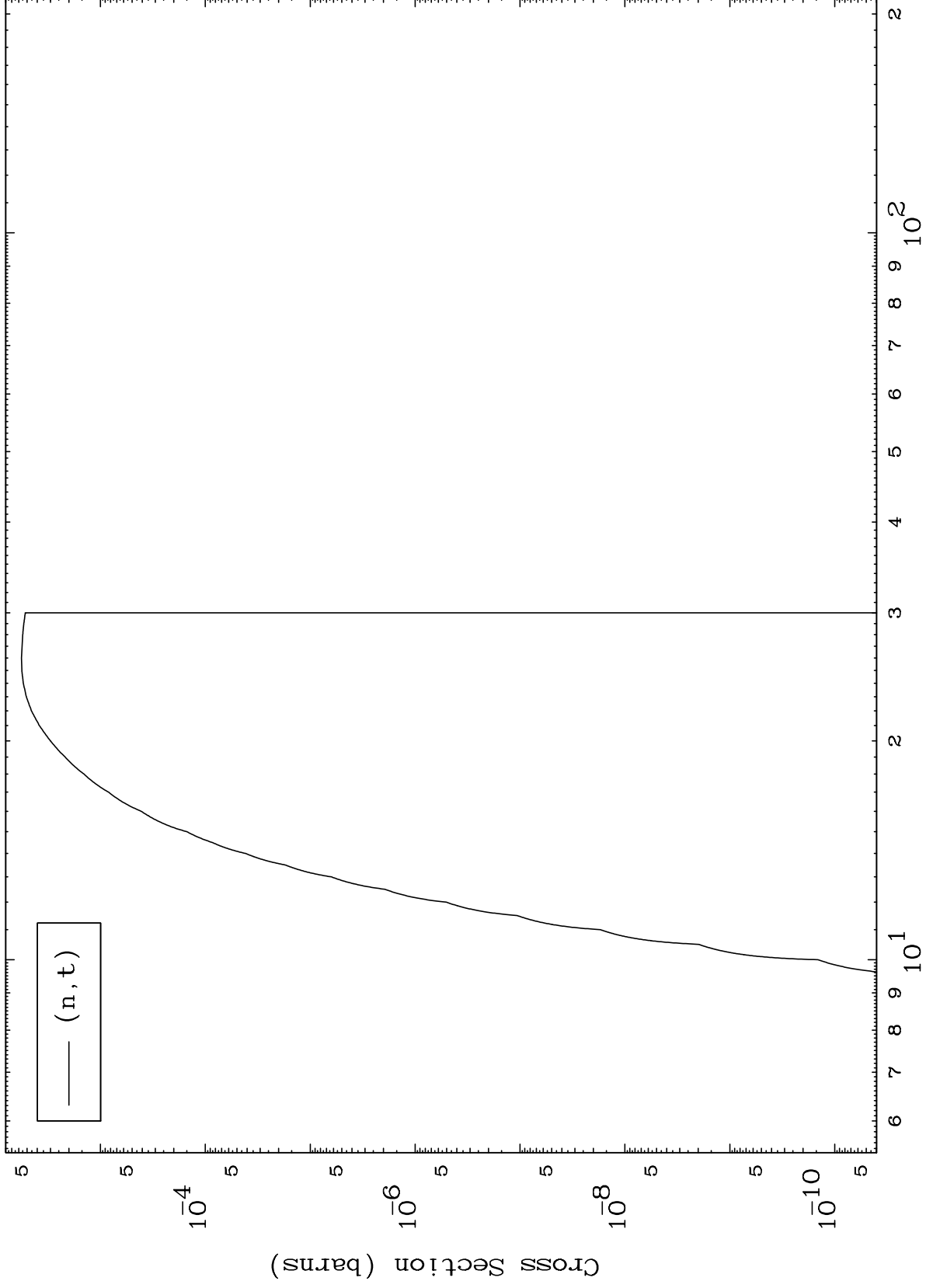
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-153



12

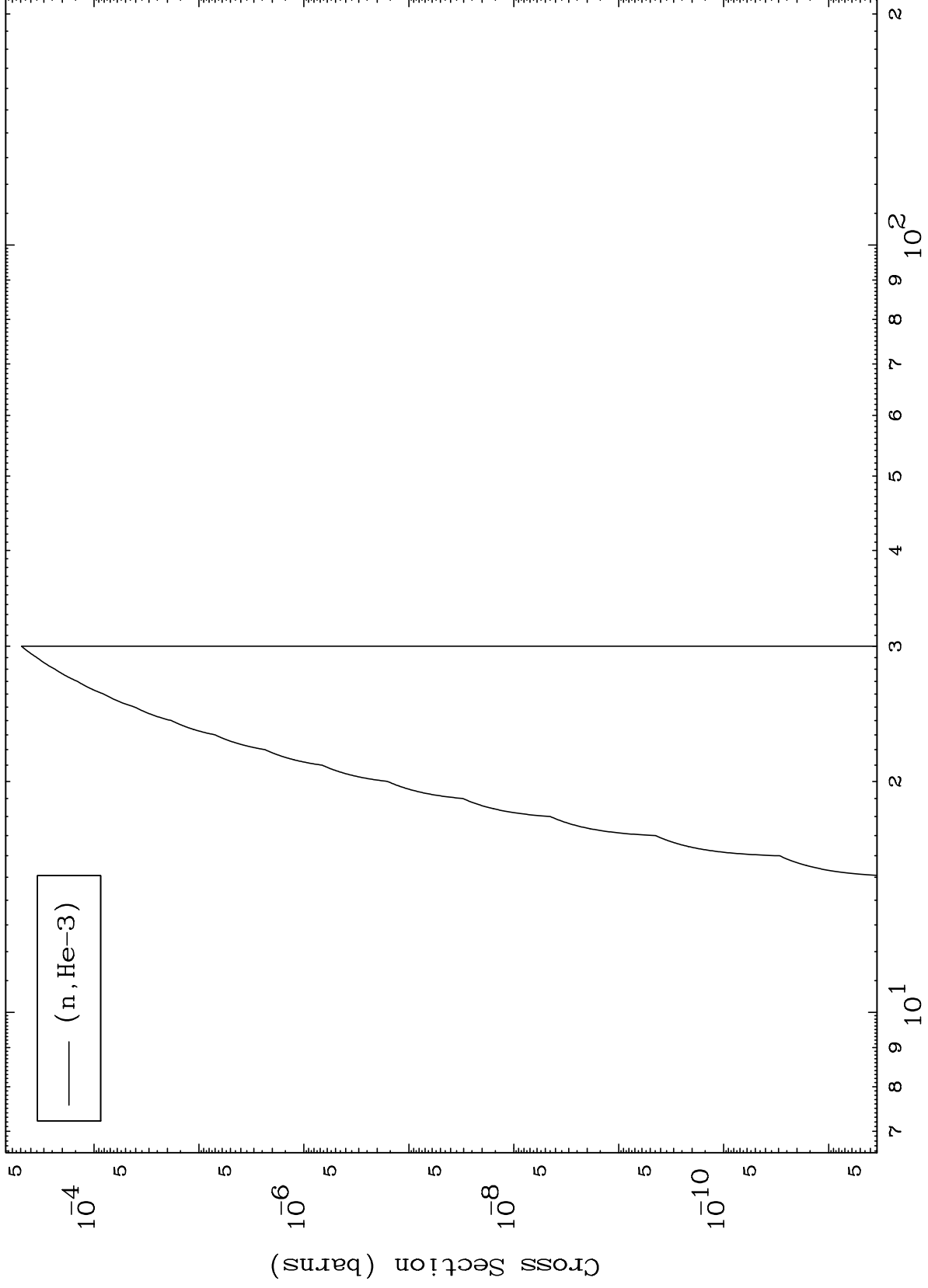
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-153



13

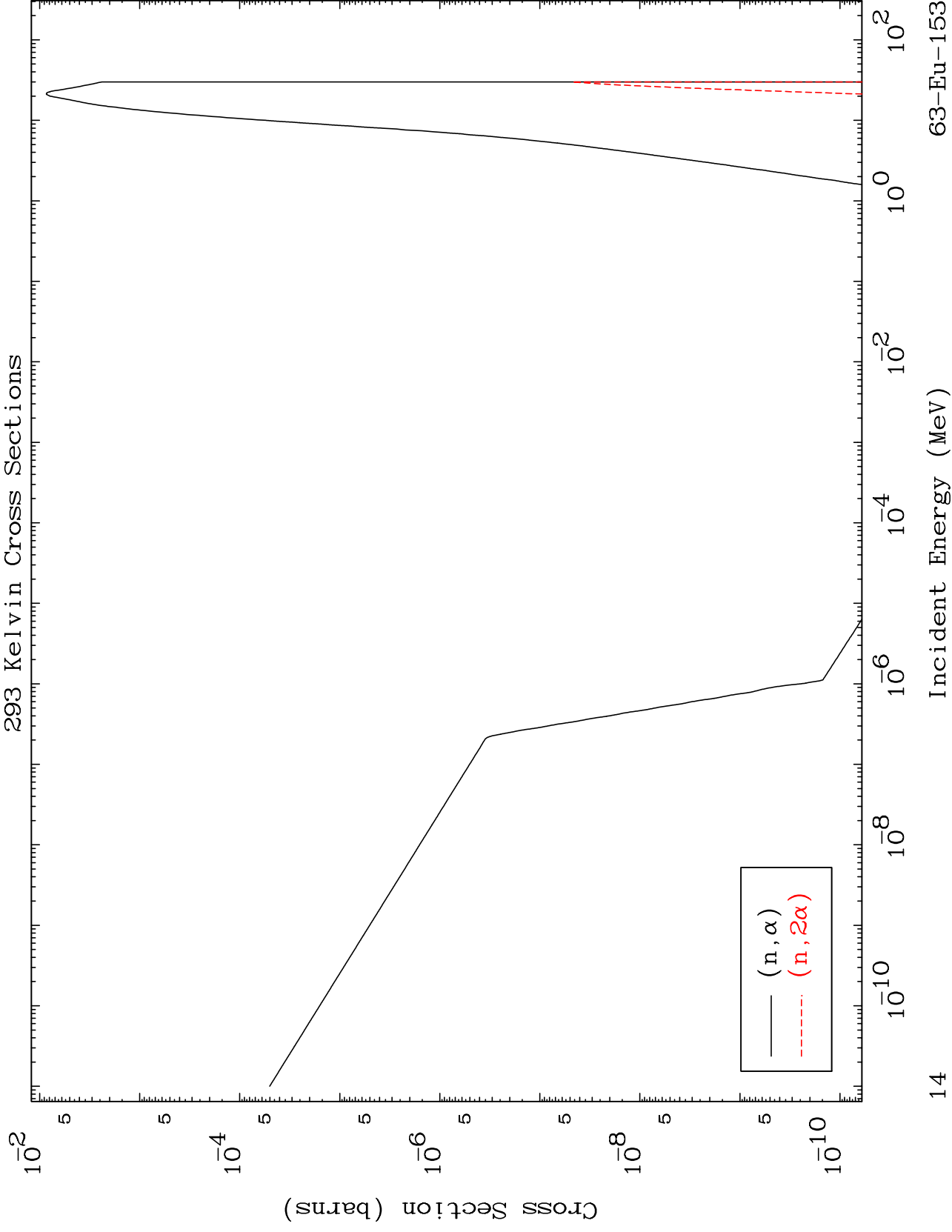
Incident Energy (MeV)

63-Eu-153

MAT 6331

(n, α) Levels
293 Kelvin Cross Sections

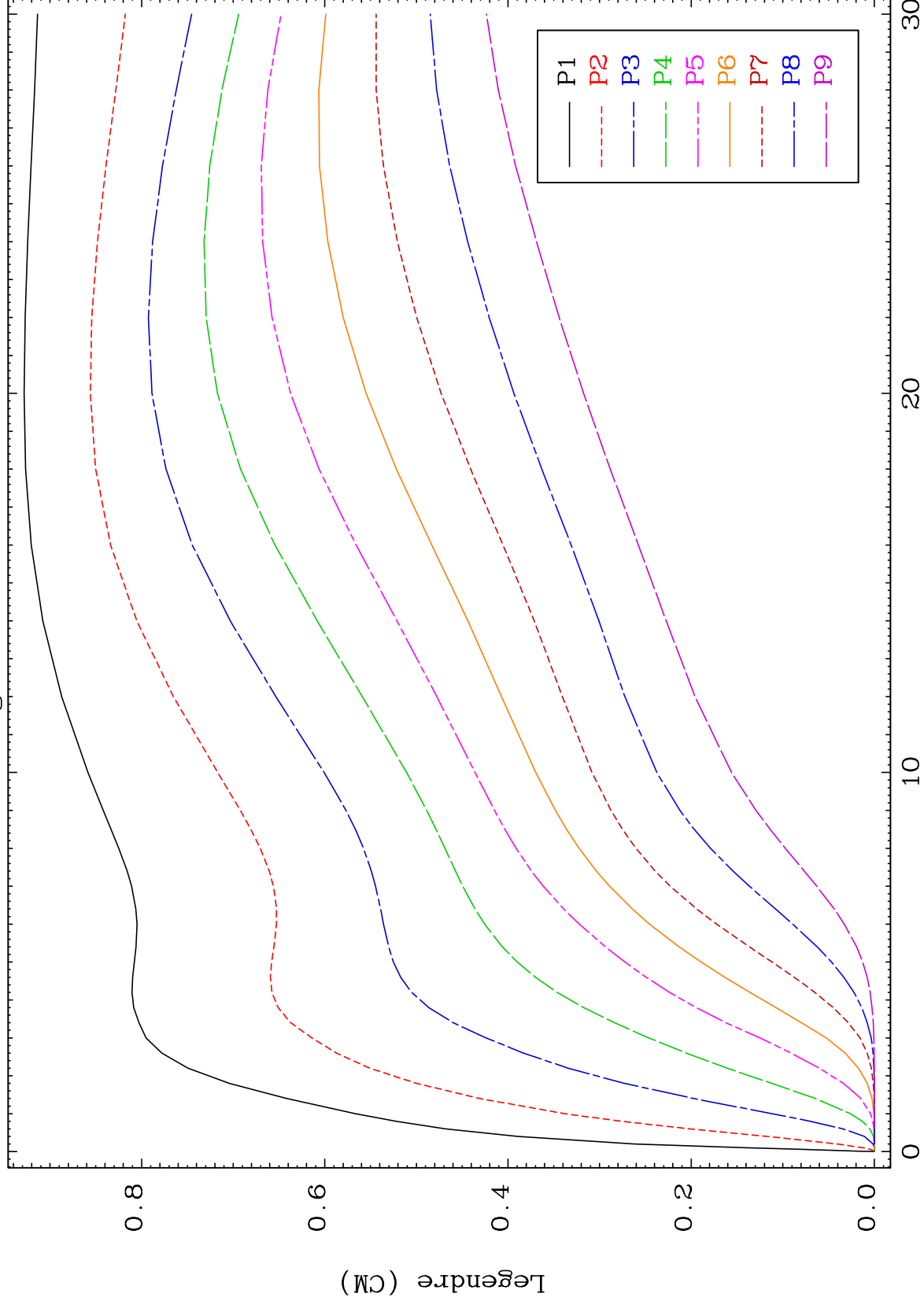
63-Eu-153



MAT 6331

Elastic Legendre Coefficients

63-Eu-153



15

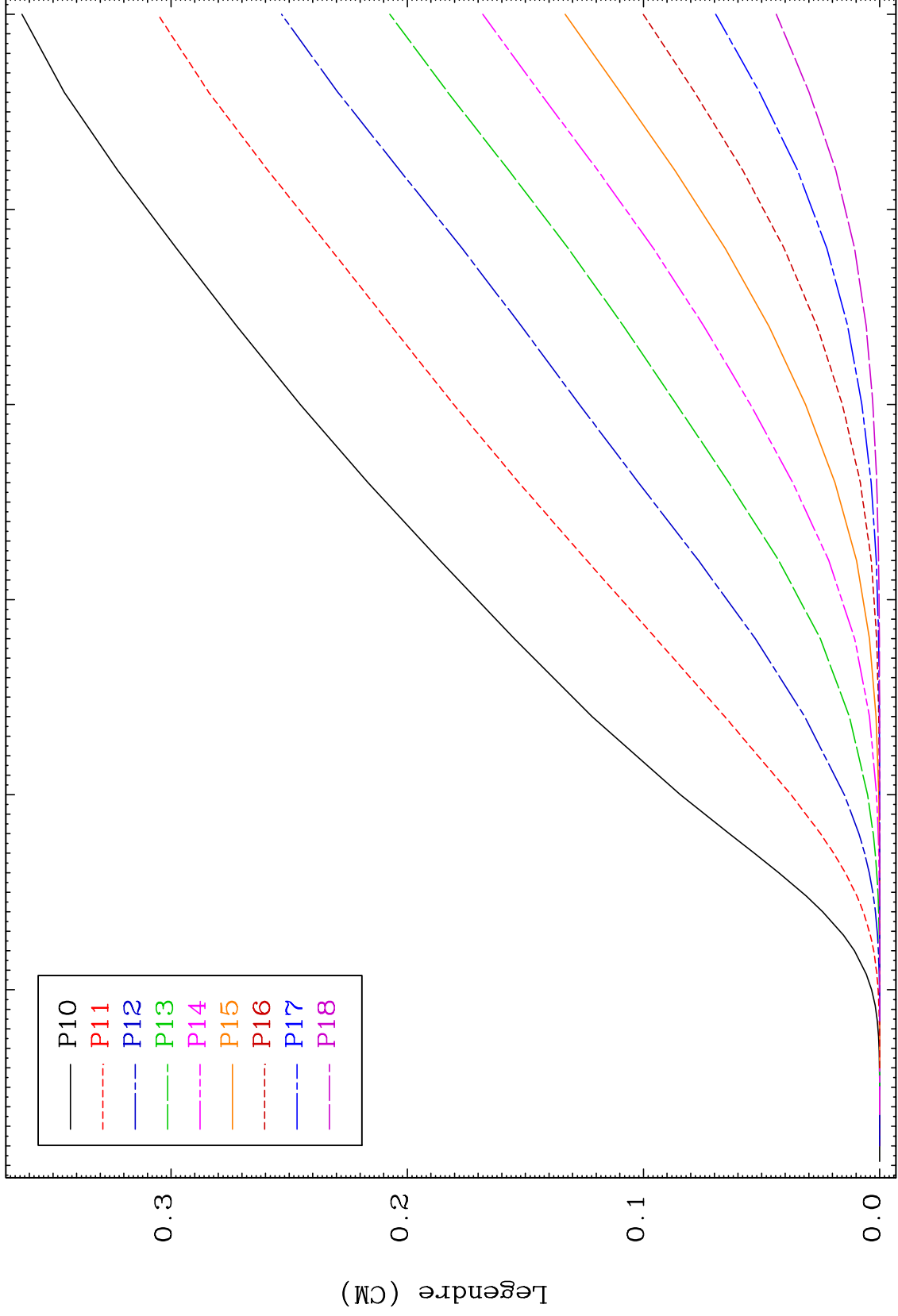
Incident Energy (MeV)

63-Eu-153

MAT 6331

Elastic Legendre Coefficients

63-Eu-153



16

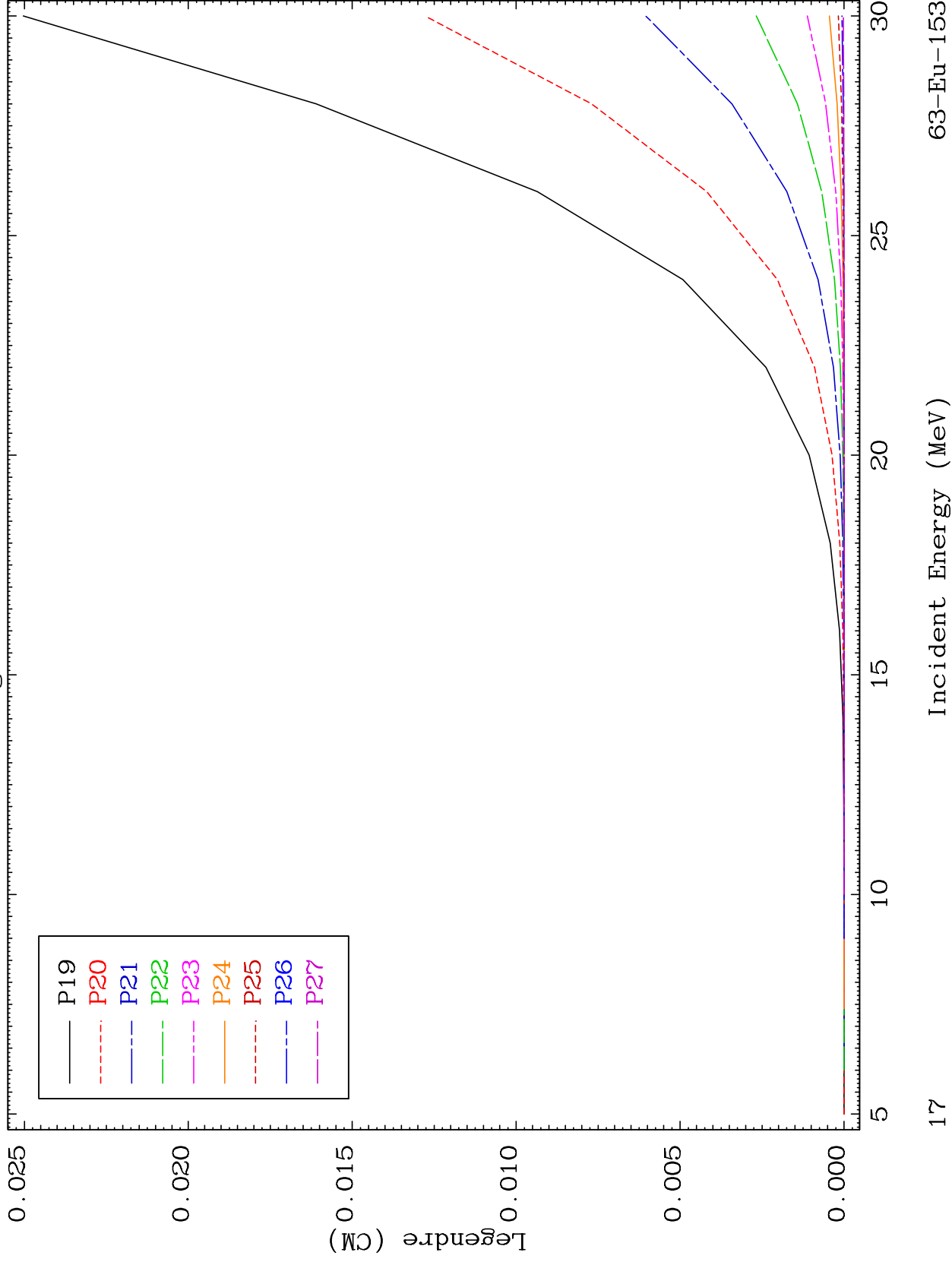
Incident Energy (MeV)

63-Eu-153

MAT 6331

Elastic Legendre Coefficients

63-Eu-153



17

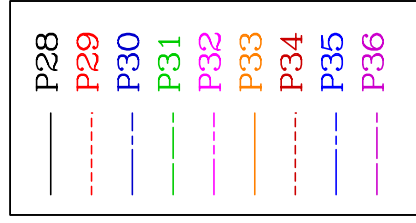
Incident Energy (MeV)

63-Eu-153

MAT 6331

Elastic Legendre Coefficients

63-Eu-153



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

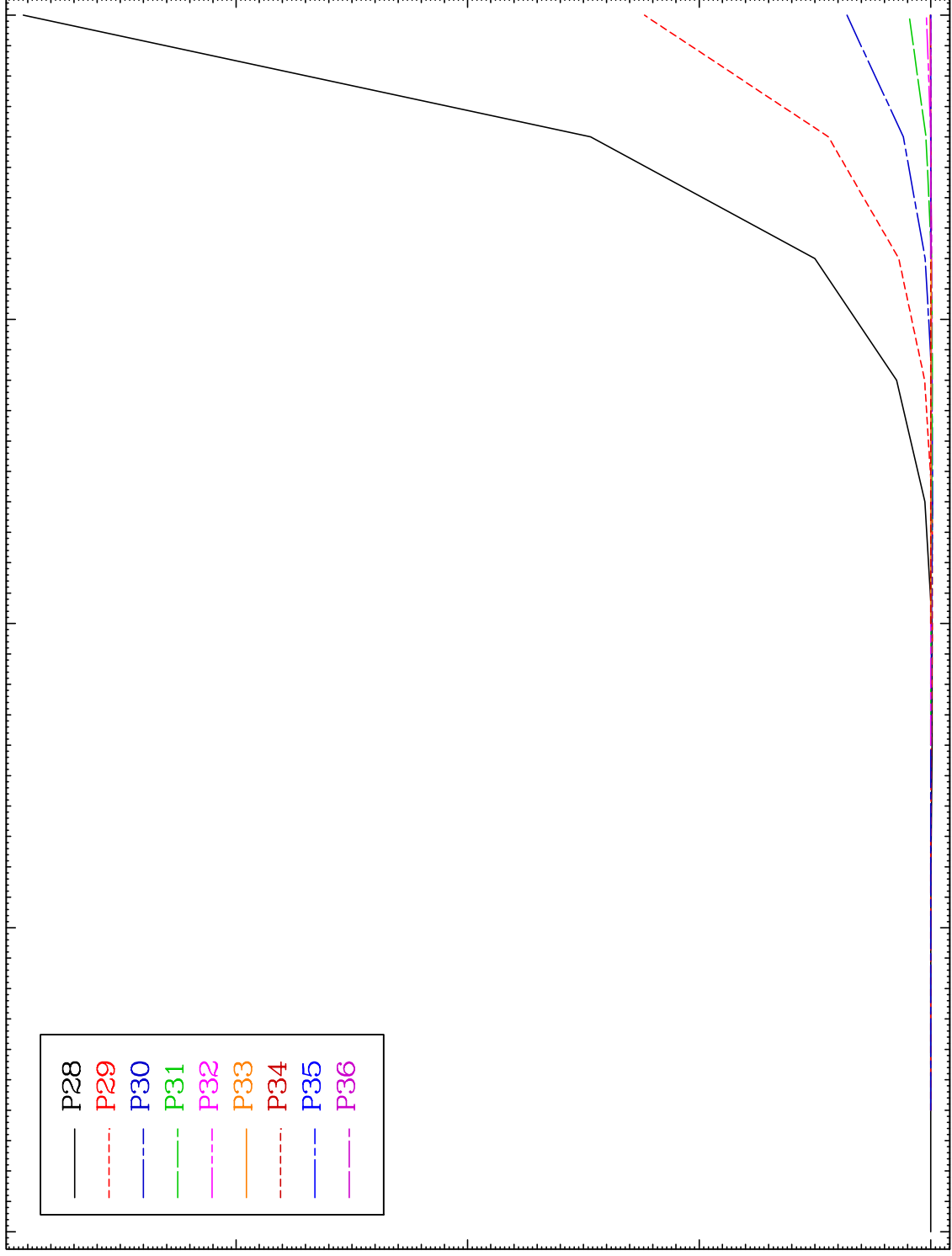
25

30

18

Incident Energy (MeV)

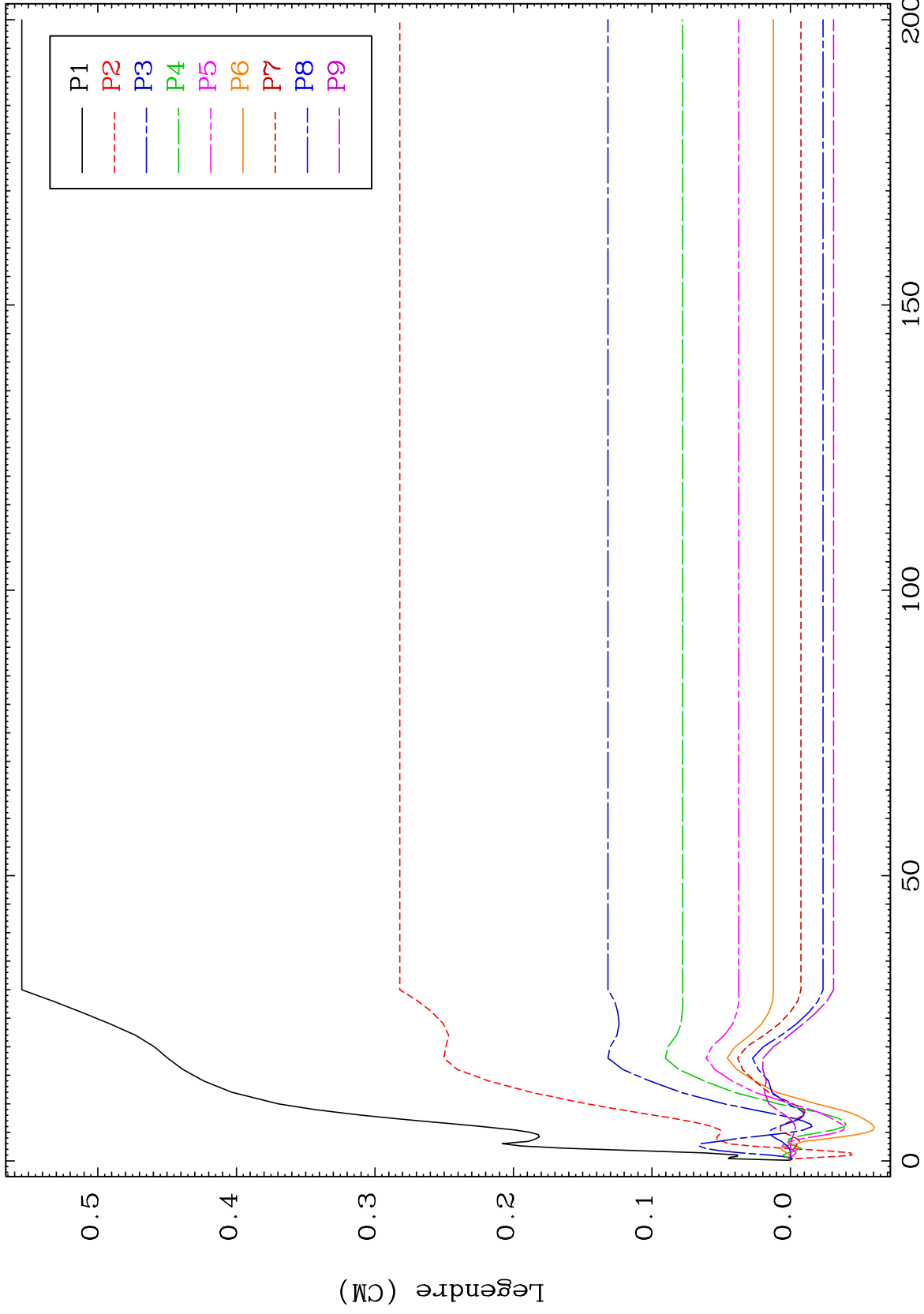
63-Eu-153



MAT 6331

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

63-Eu-153



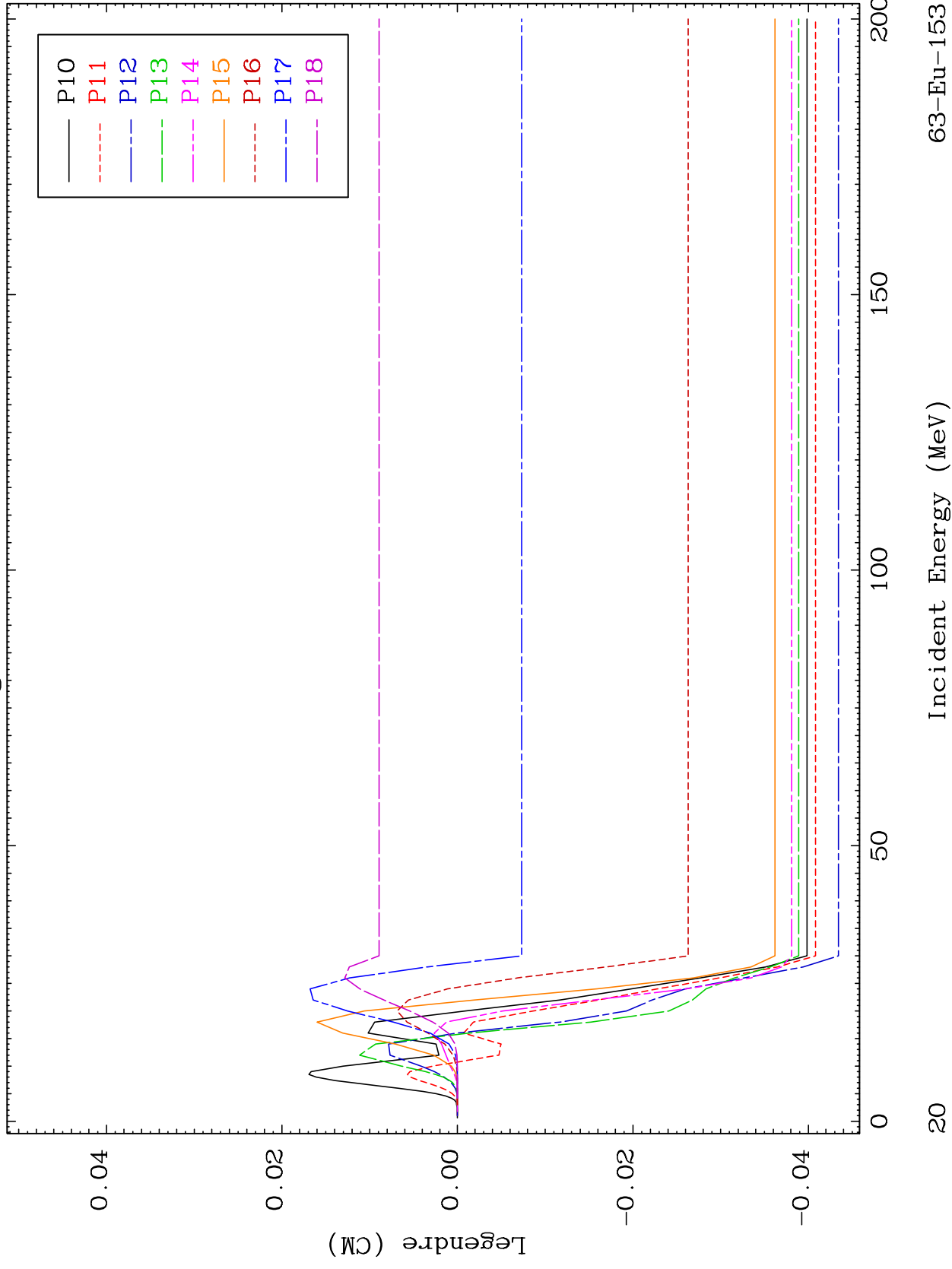
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63-Eu-153

MAT 6331

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

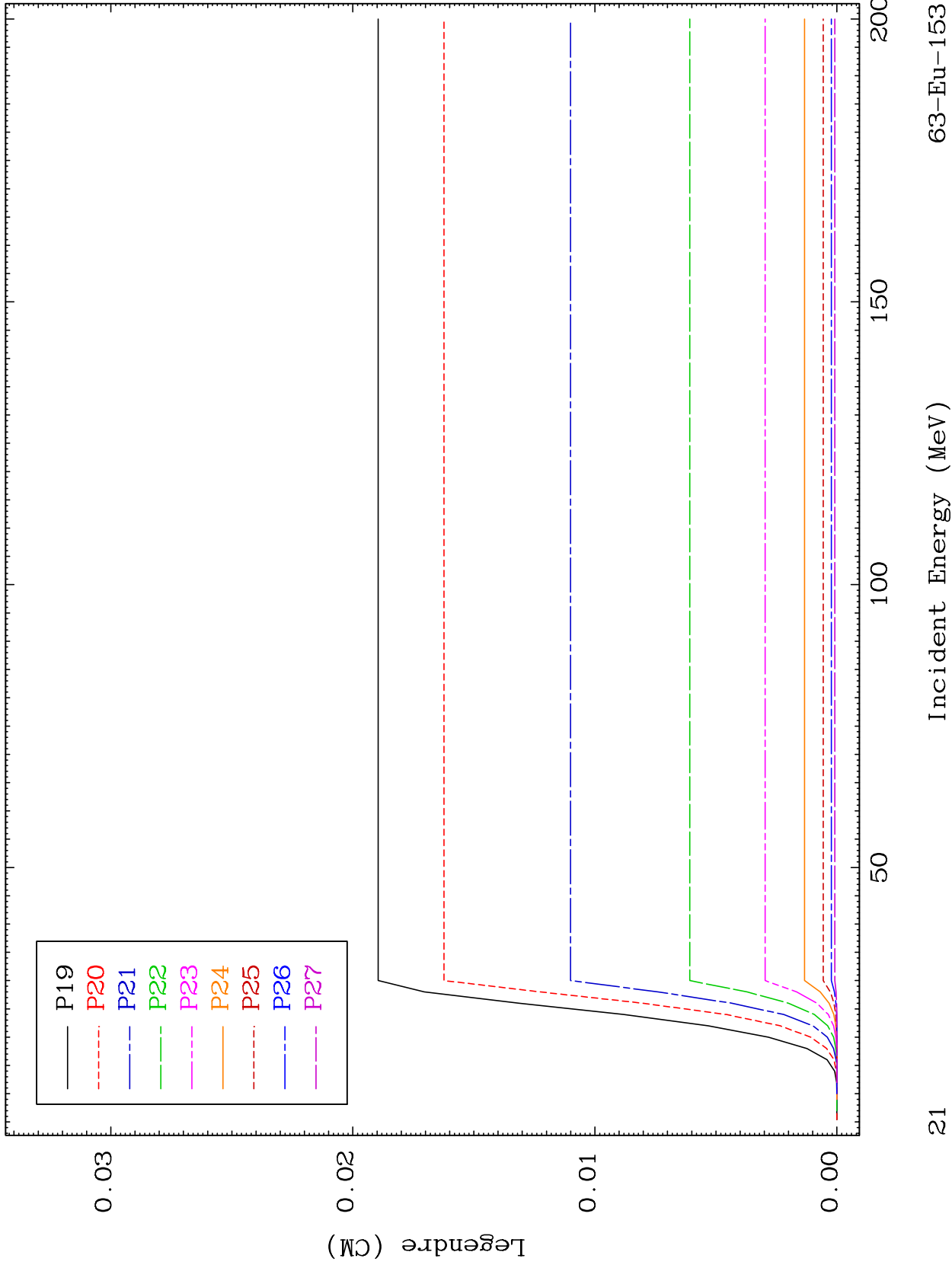
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63-Eu-153

Incident Energy (MeV)

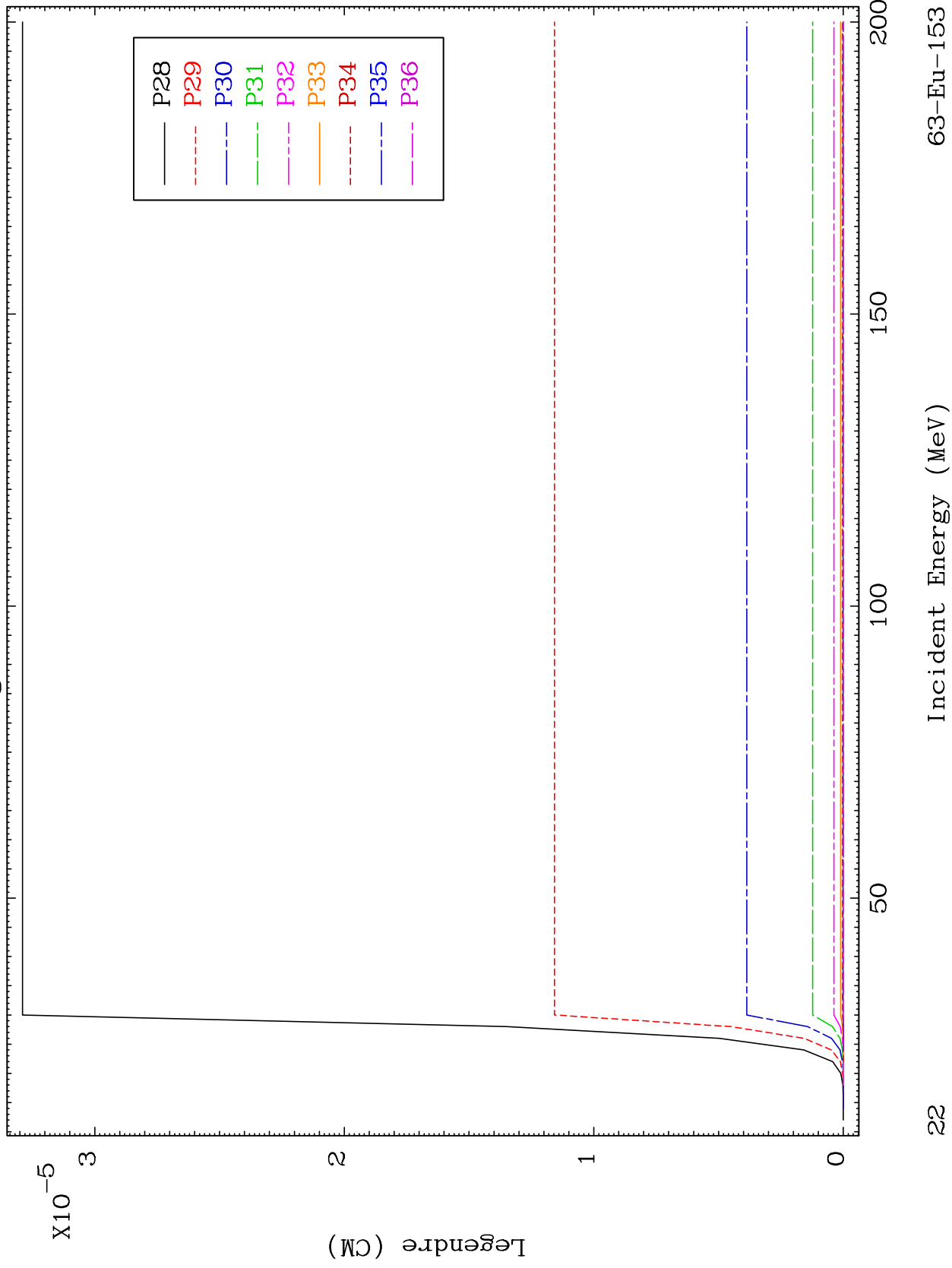
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MAT 6331

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

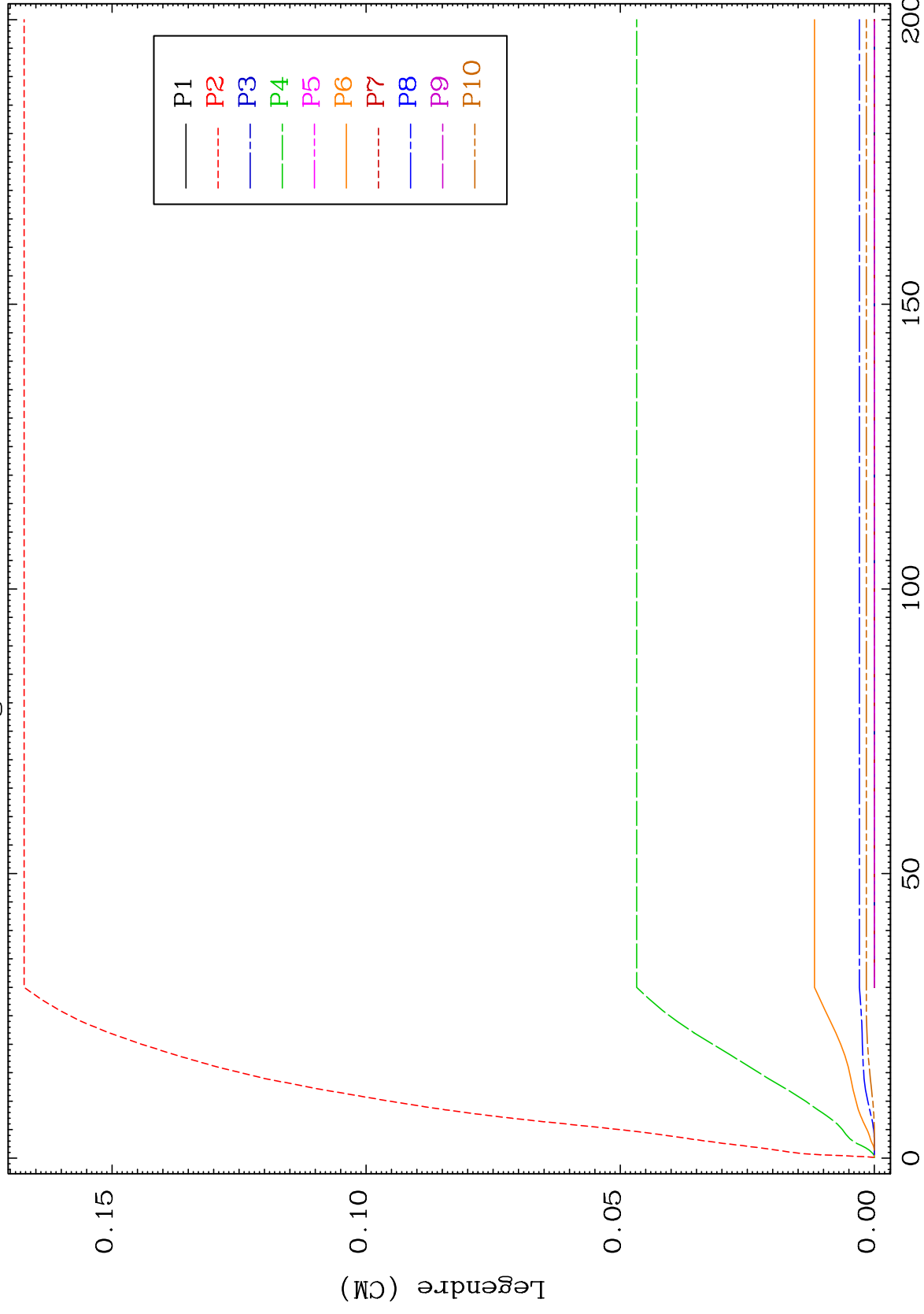
63-Eu-153



MAT 6331

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

63-Eu-153



23

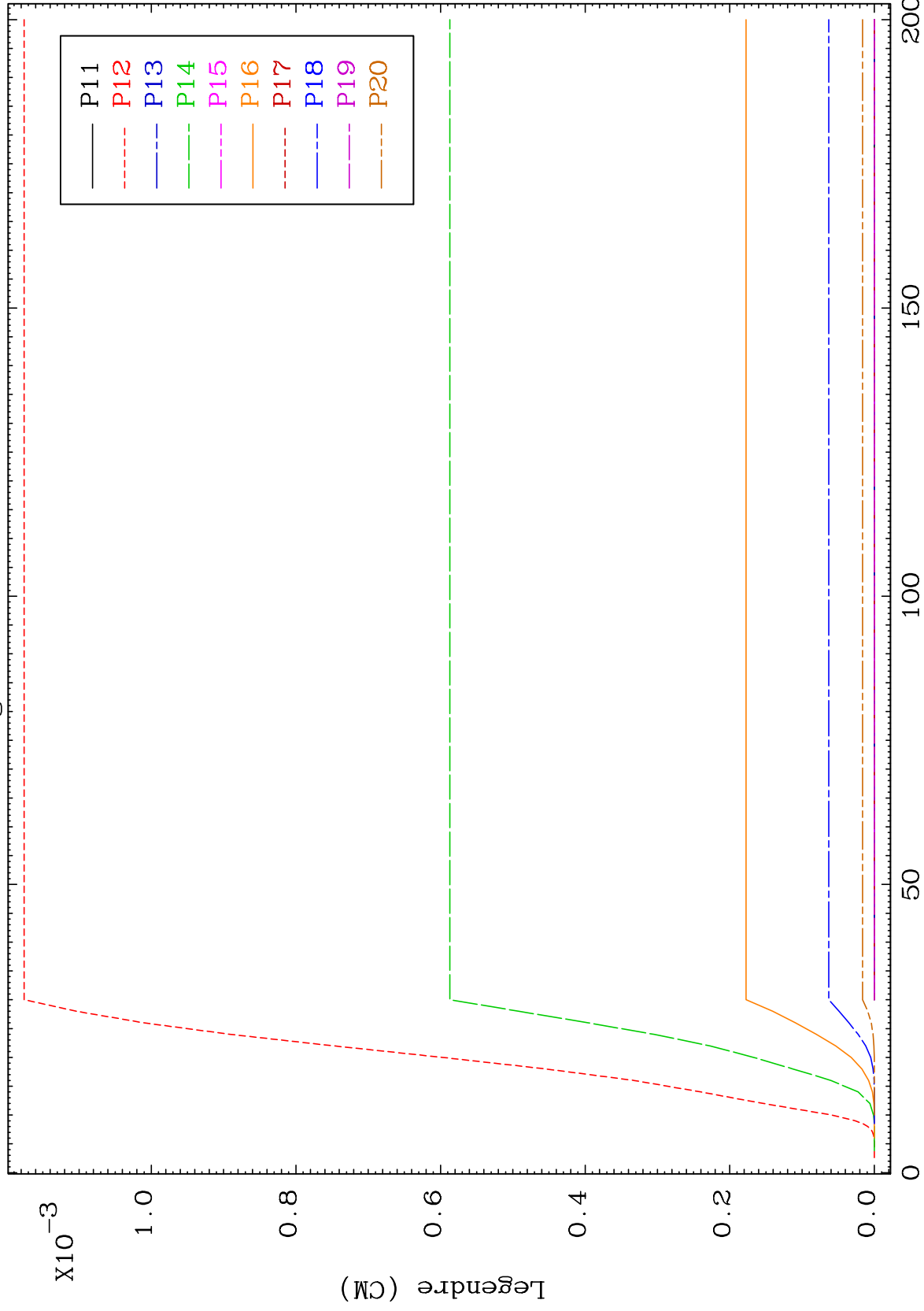
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

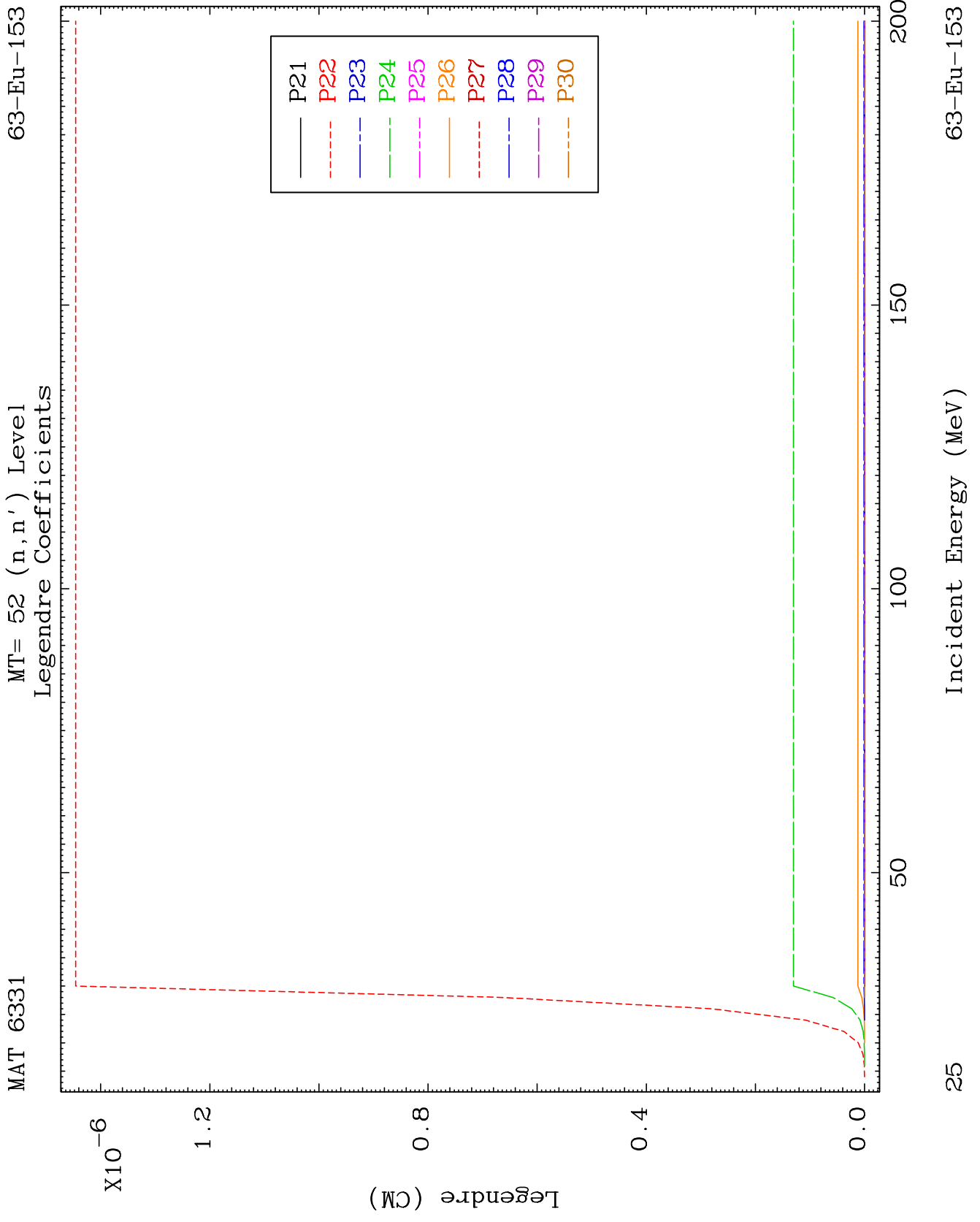
63-Eu-153



24

Incident Energy (MeV)

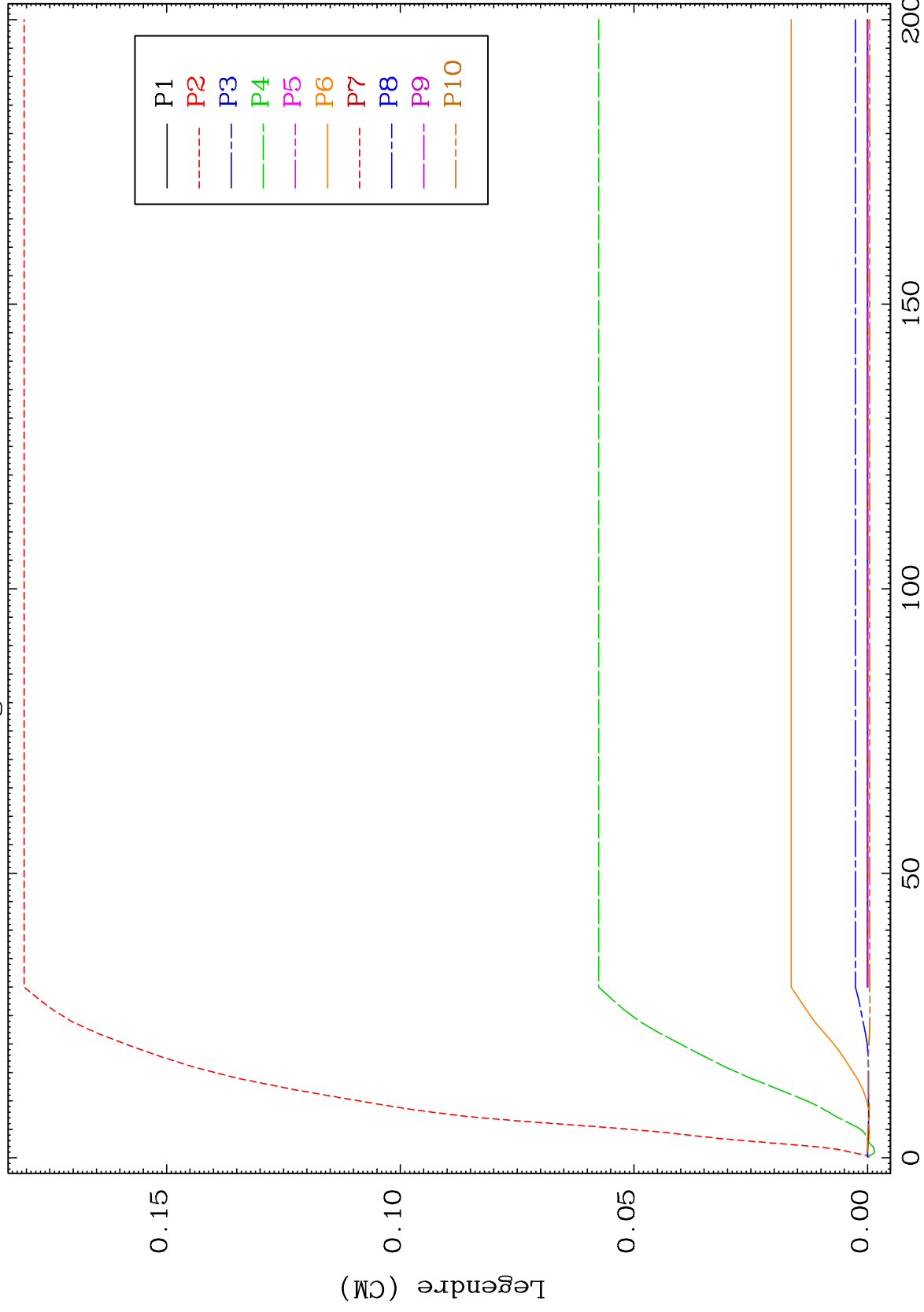
63-Eu-153



MAT 6331

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

63-Eu-153



26

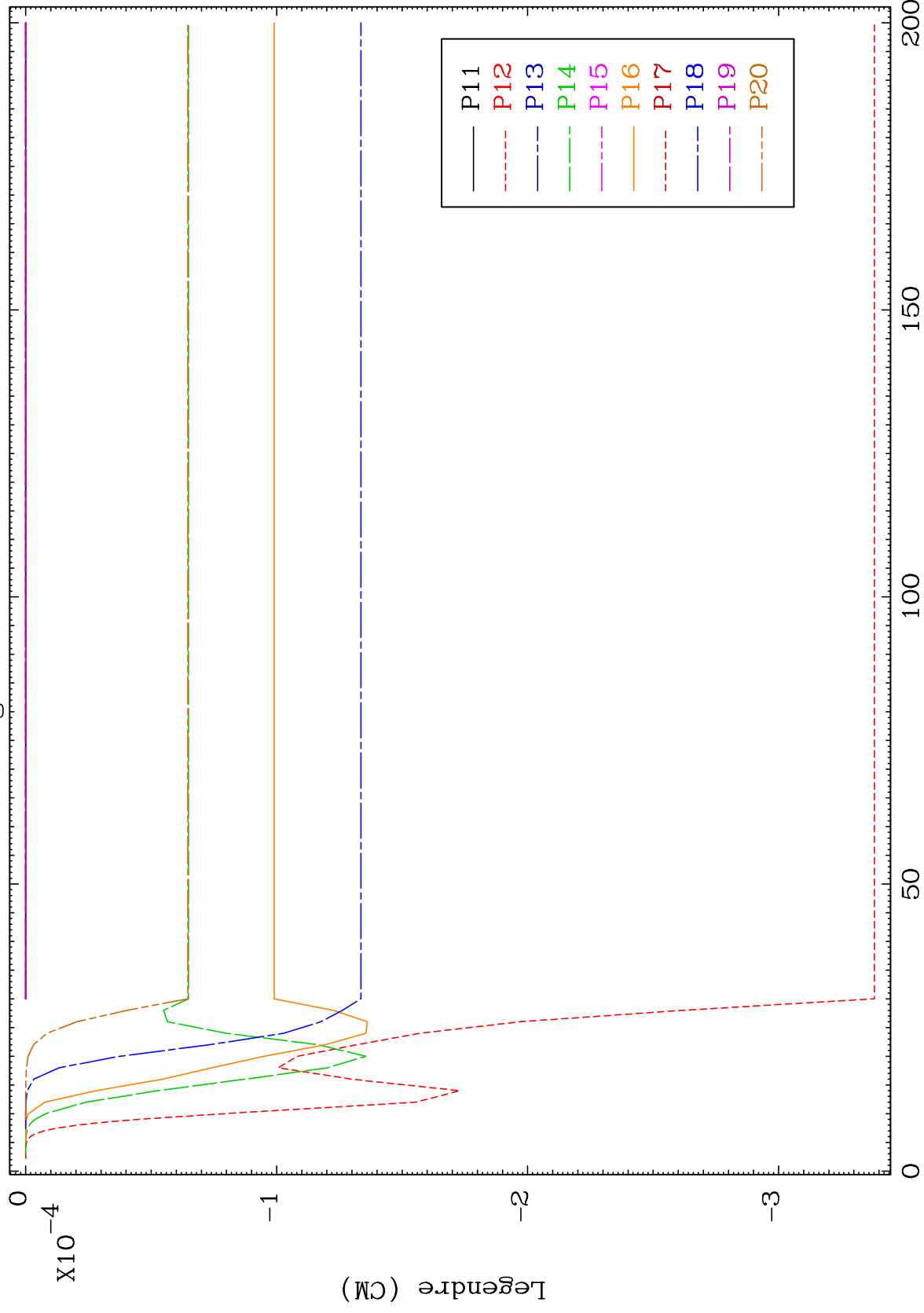
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



27

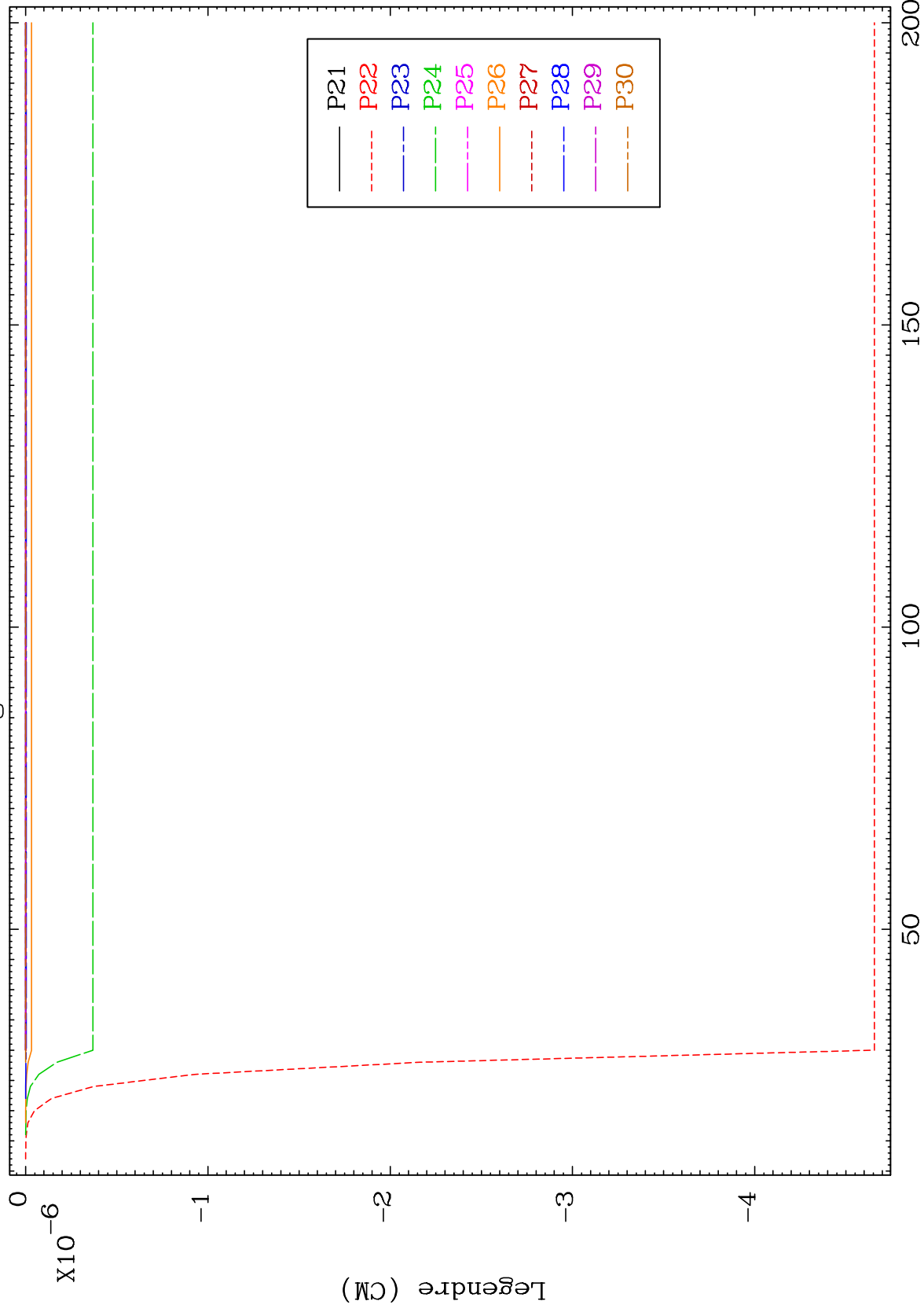
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

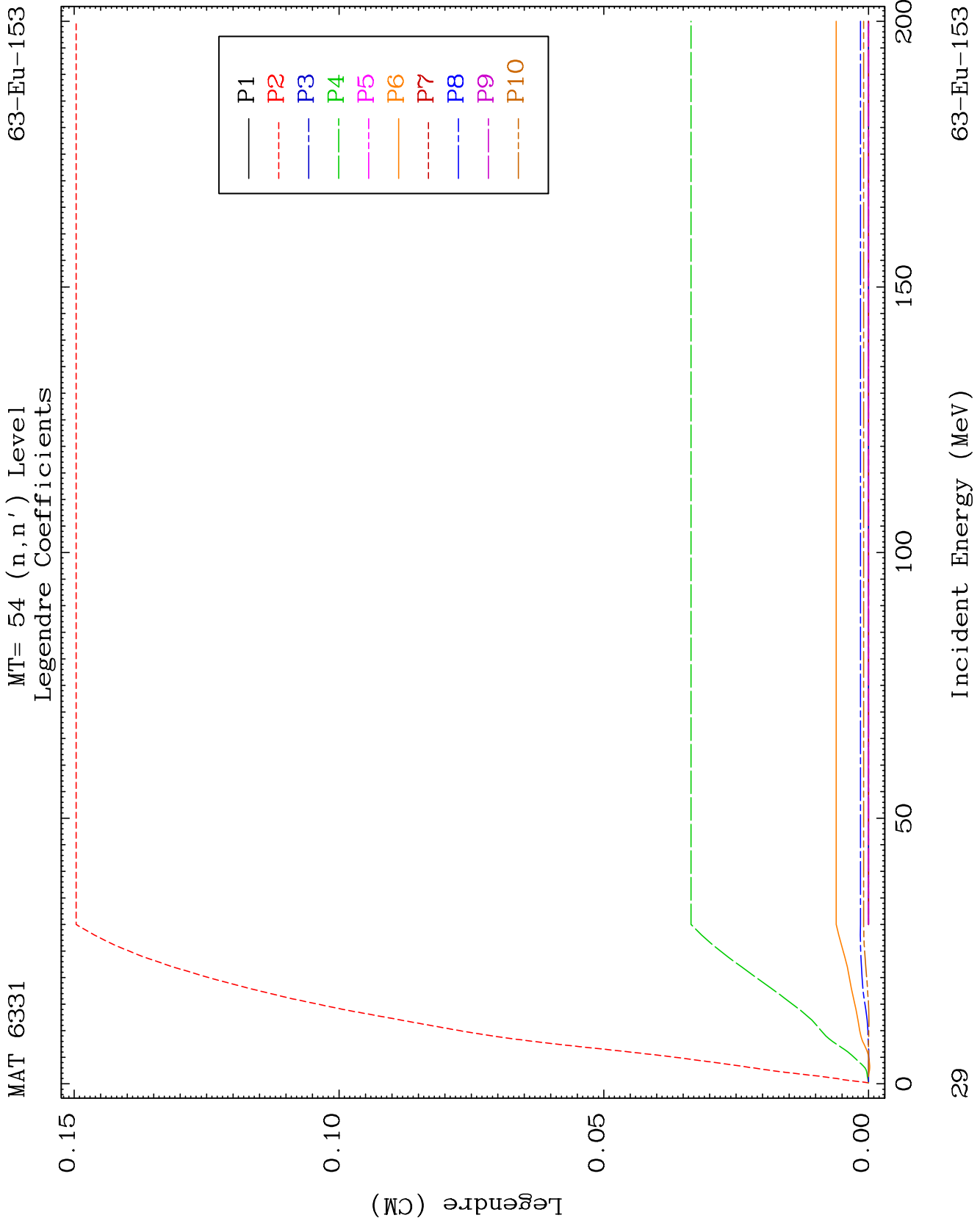
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28

Incident Energy (MeV)

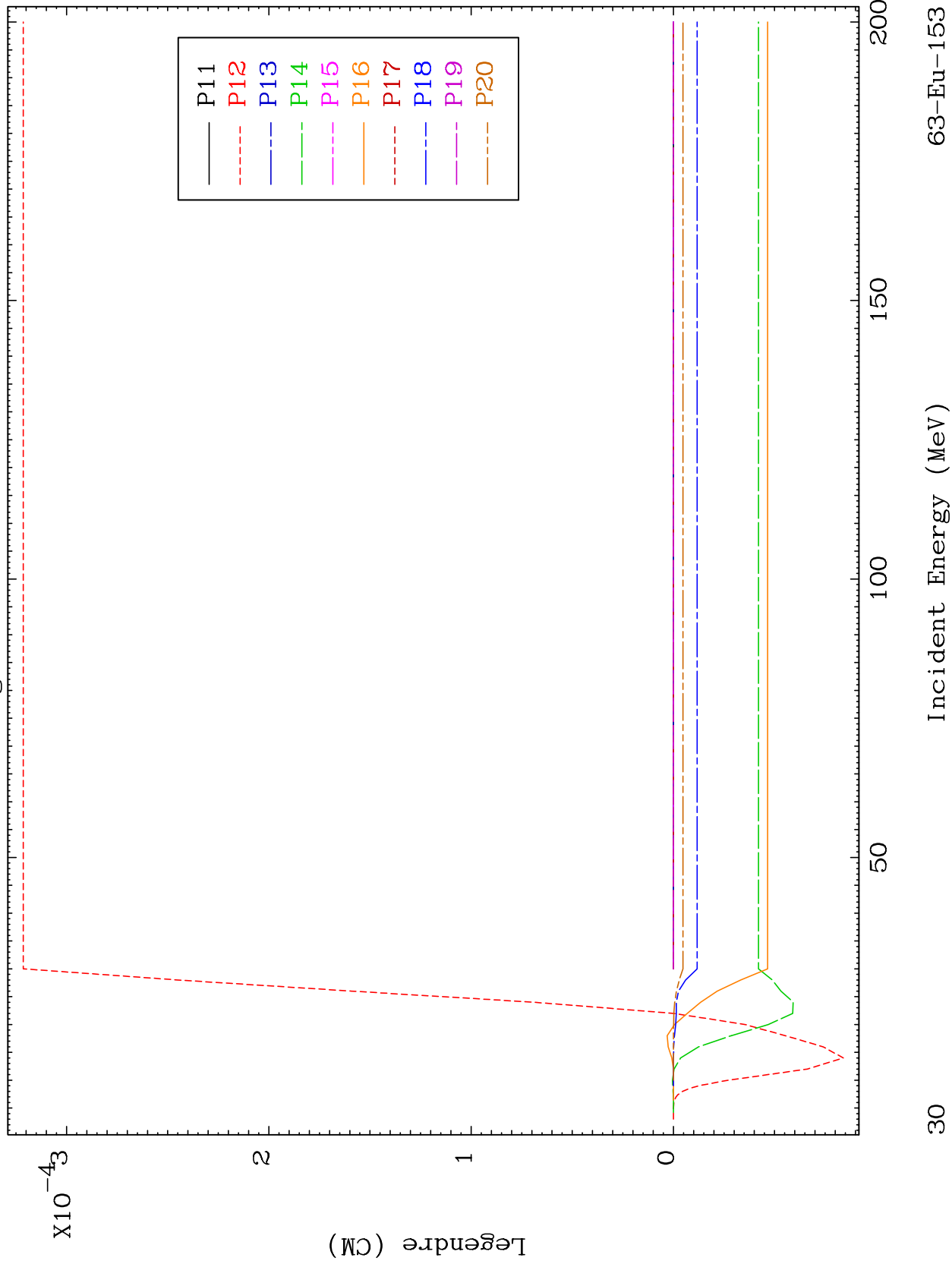
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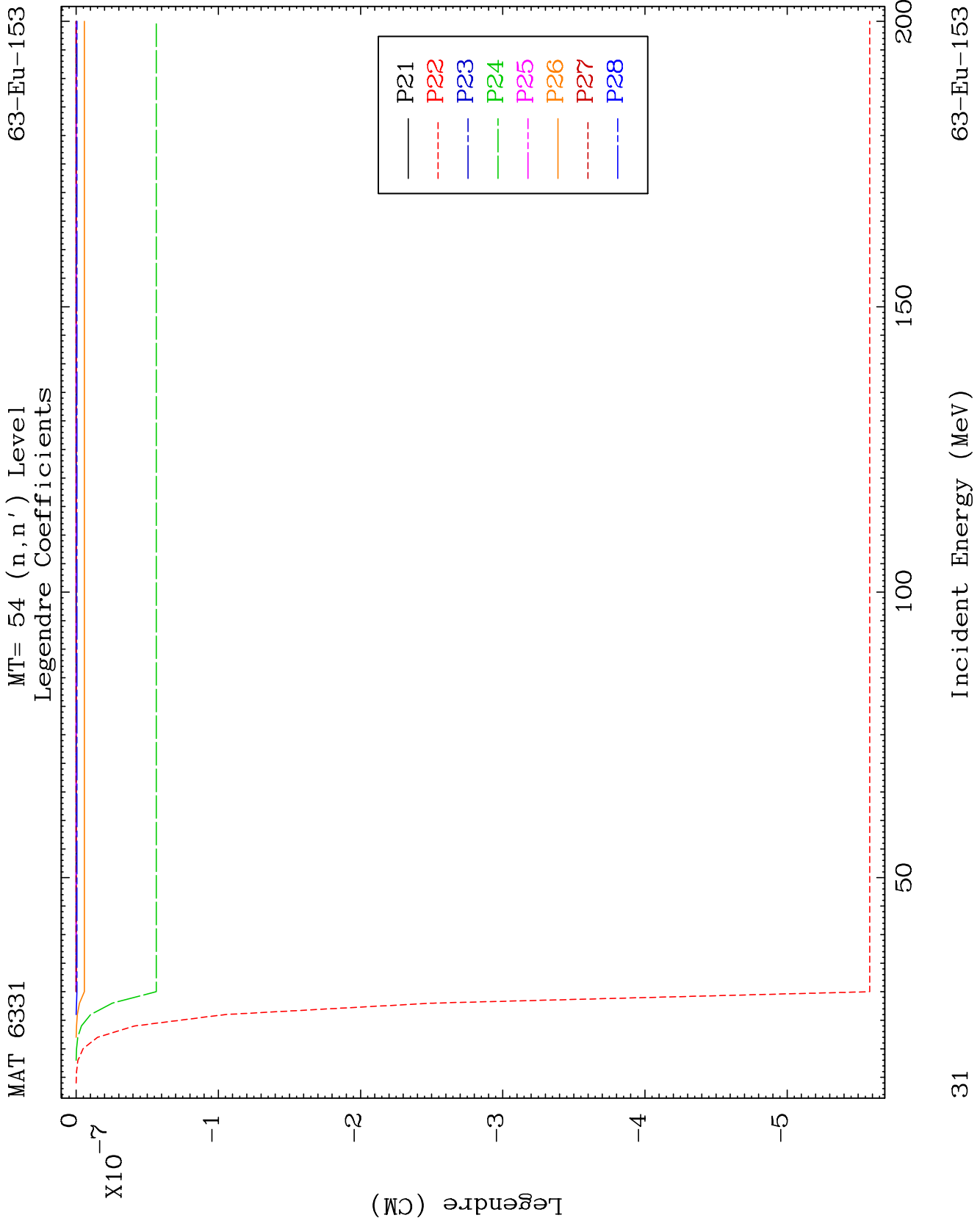


MAT 6331

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

63-Eu-153

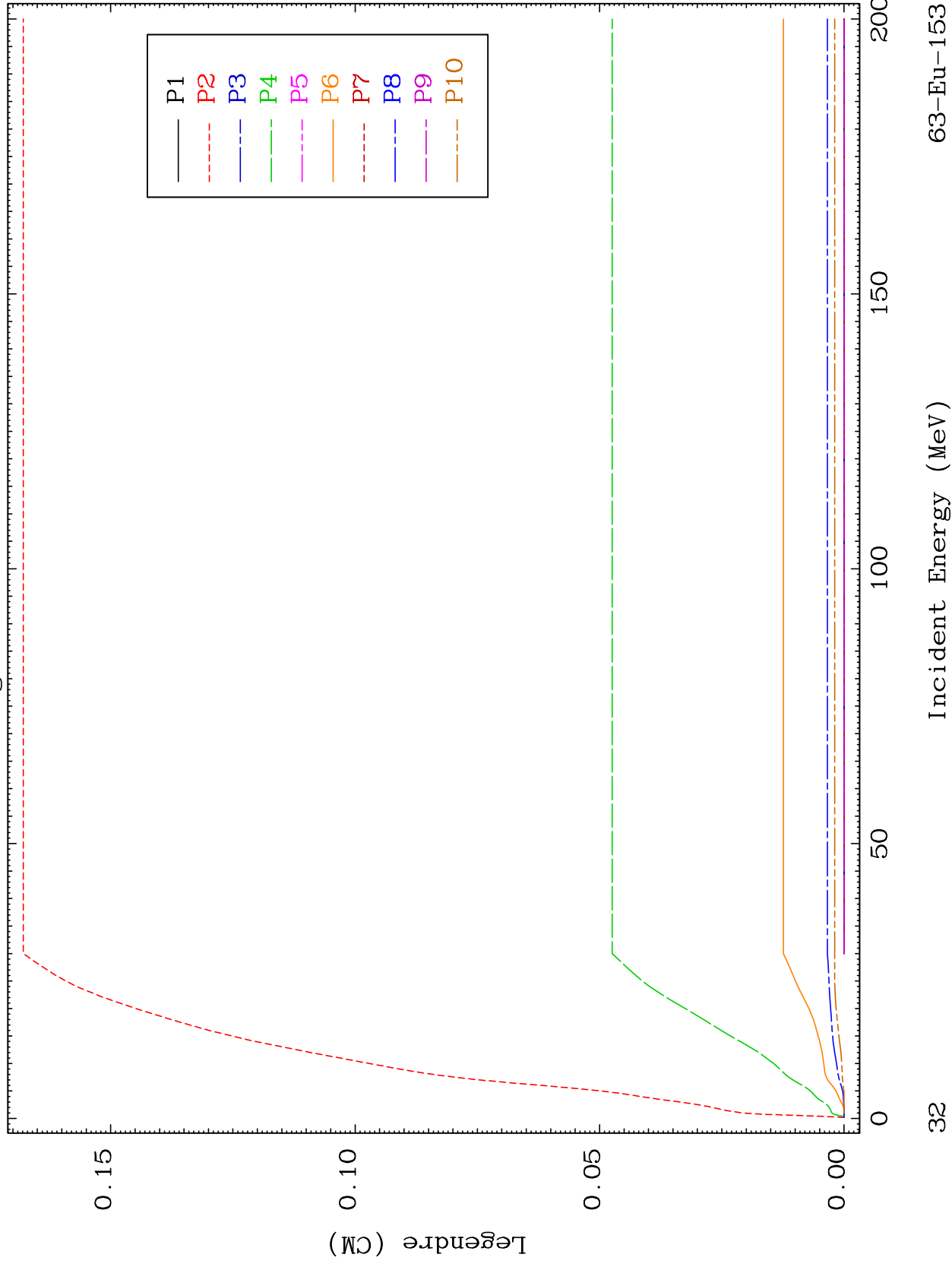




MAT 6331

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

63-Eu-153



63-Eu-153

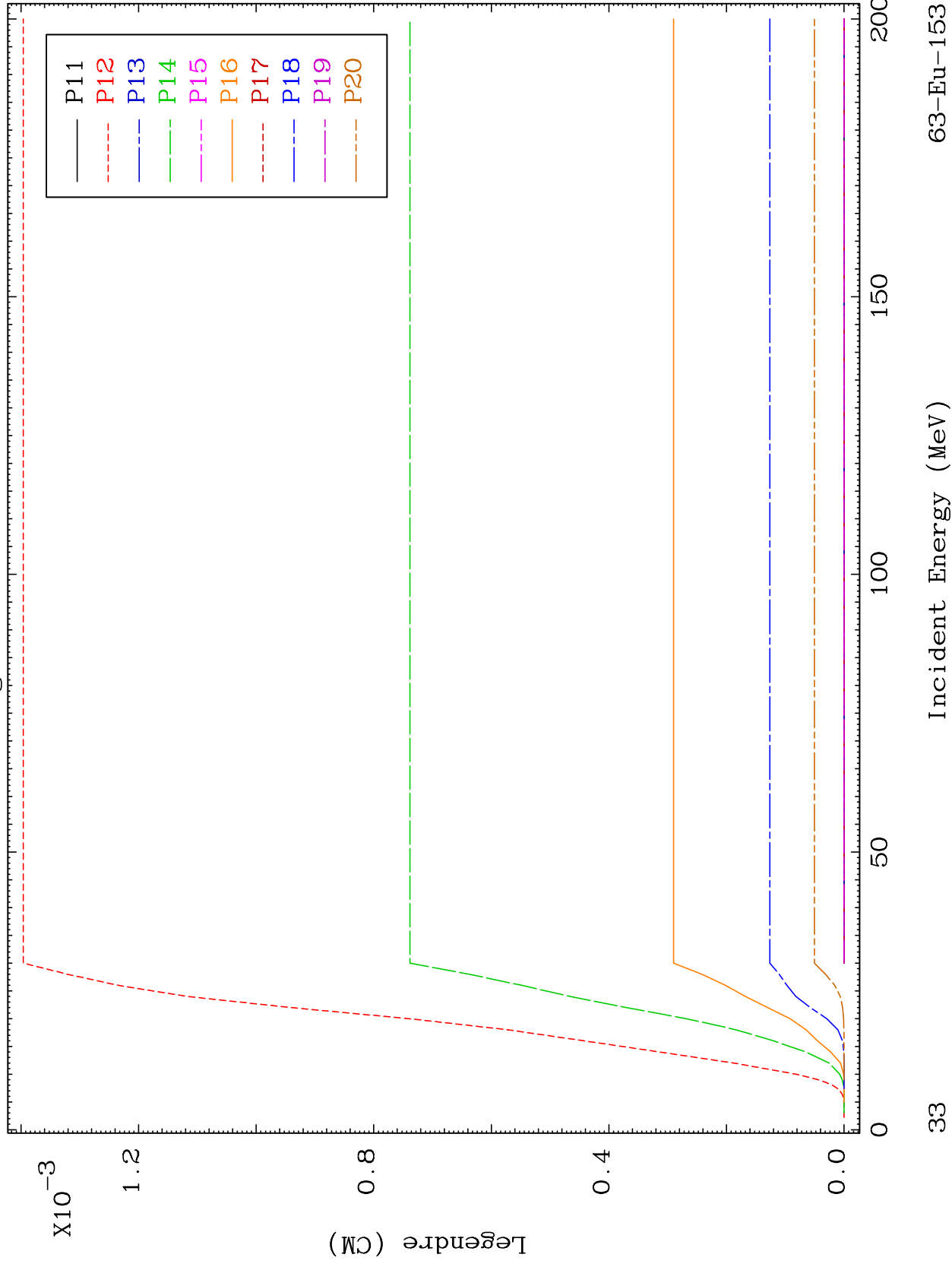
Incident Energy (MeV)

32

MAT 6331

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

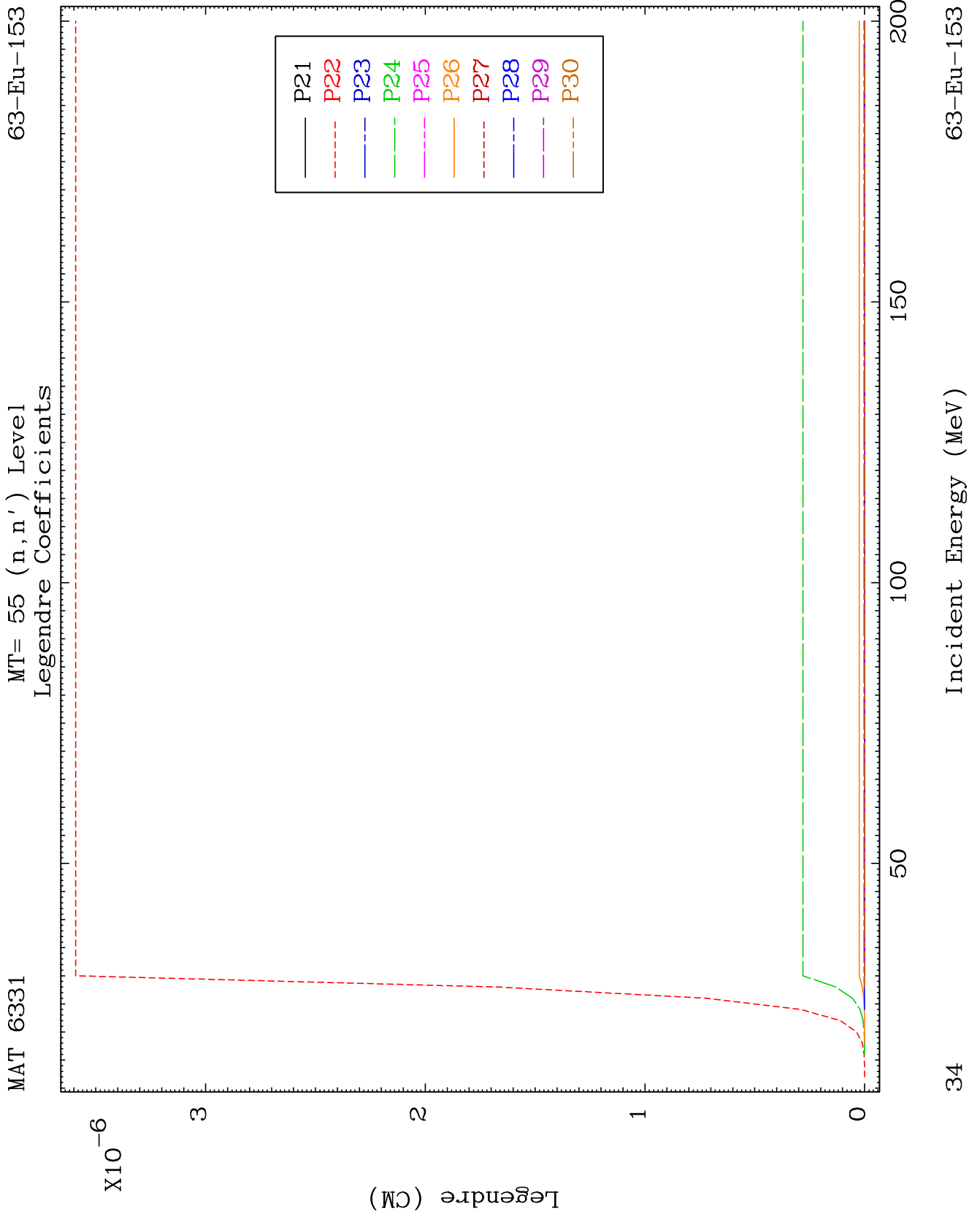
63-Eu-153



63-Eu-153

Incident Energy (MeV)

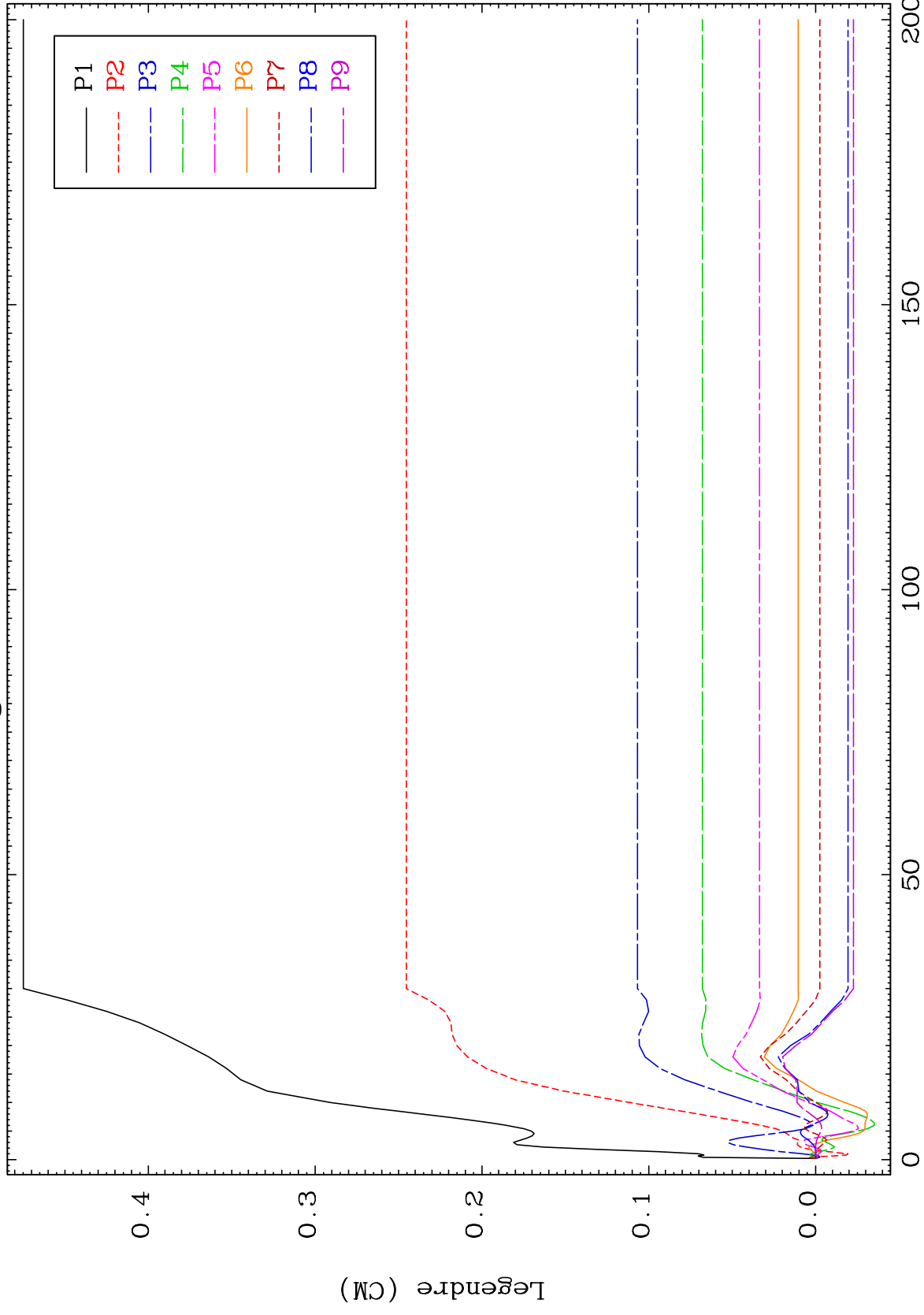
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MAT 6331

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

63-Eu-153



63-Eu-153

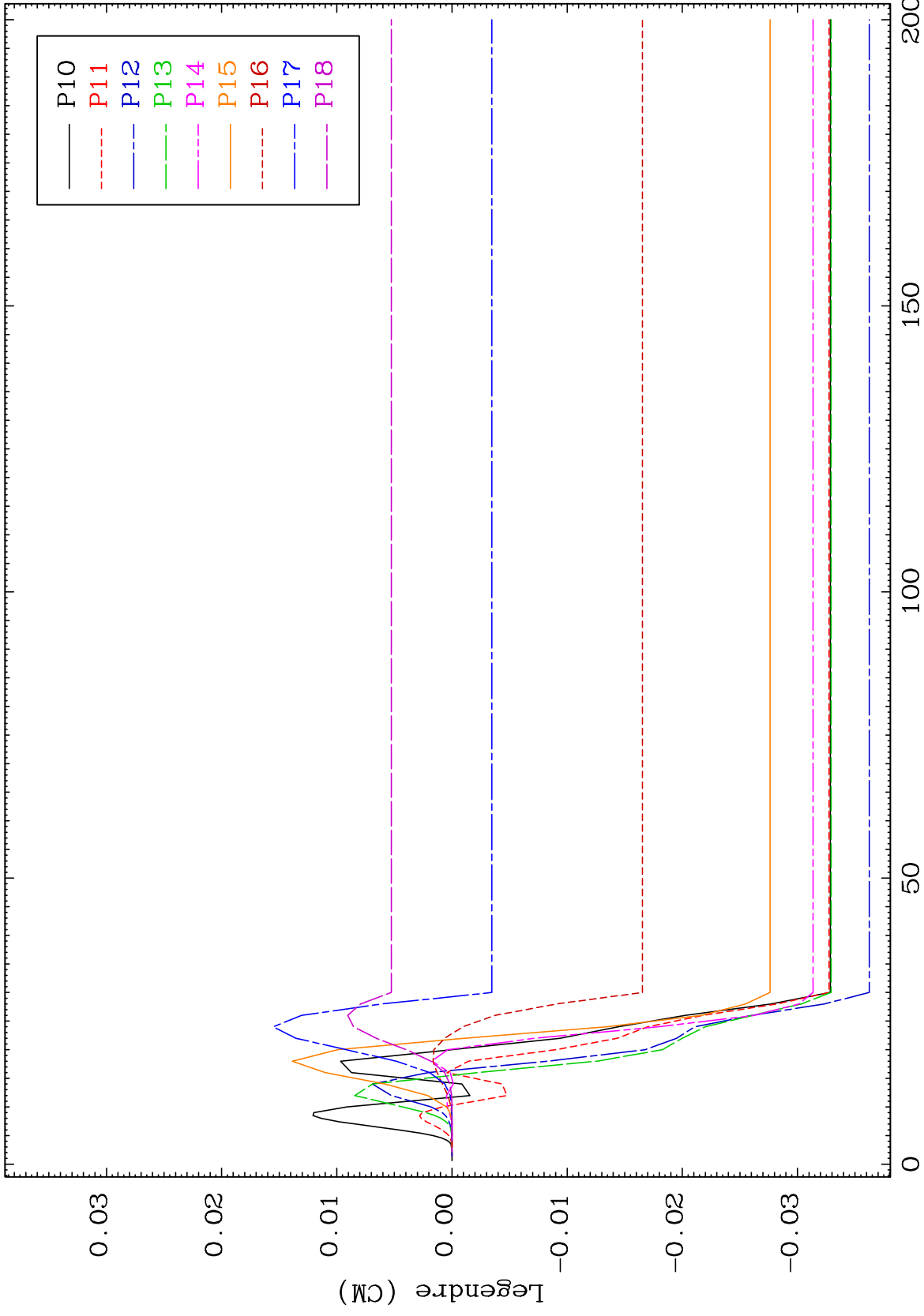
Incident Energy (MeV)

35

MAT 6331

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

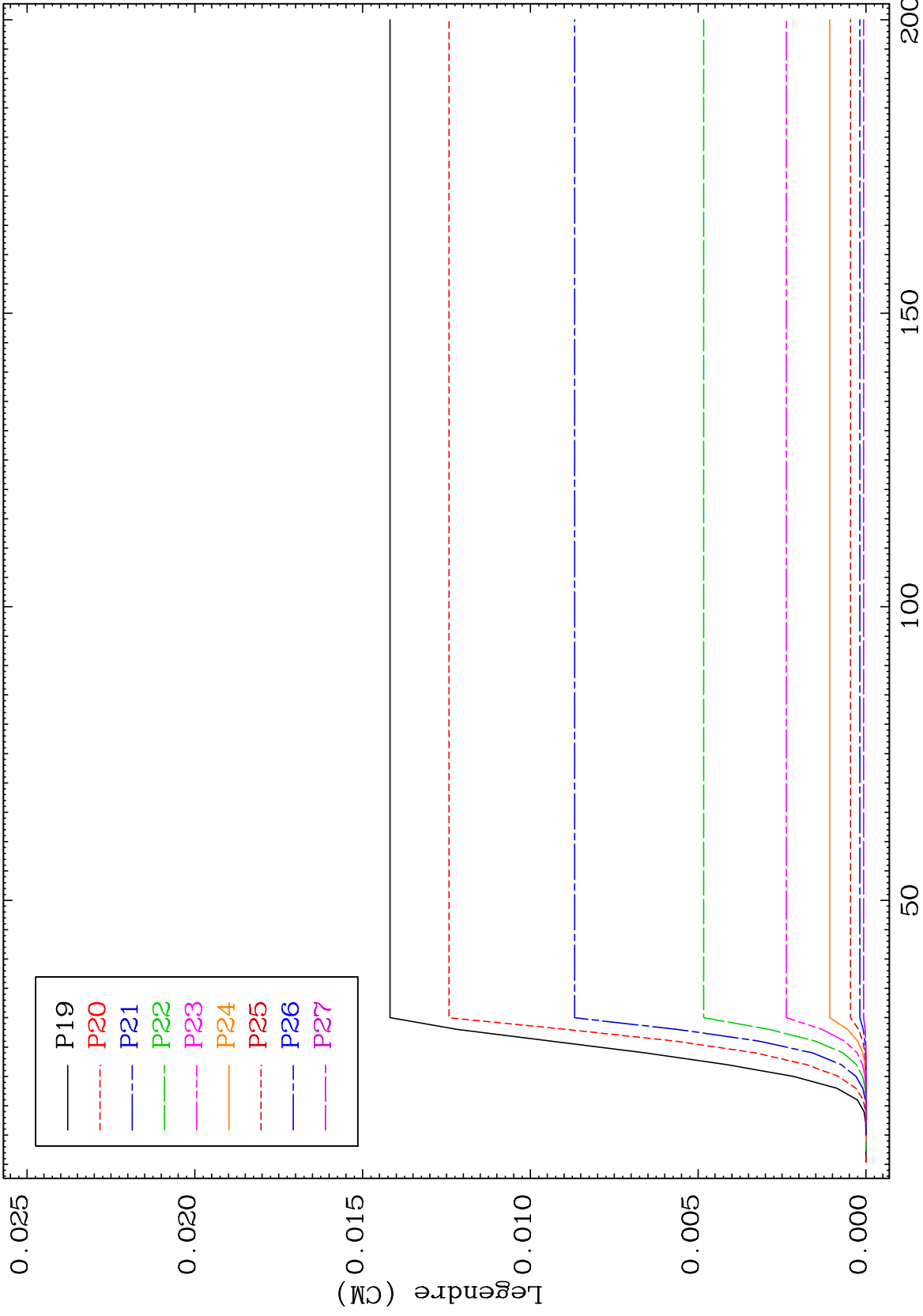
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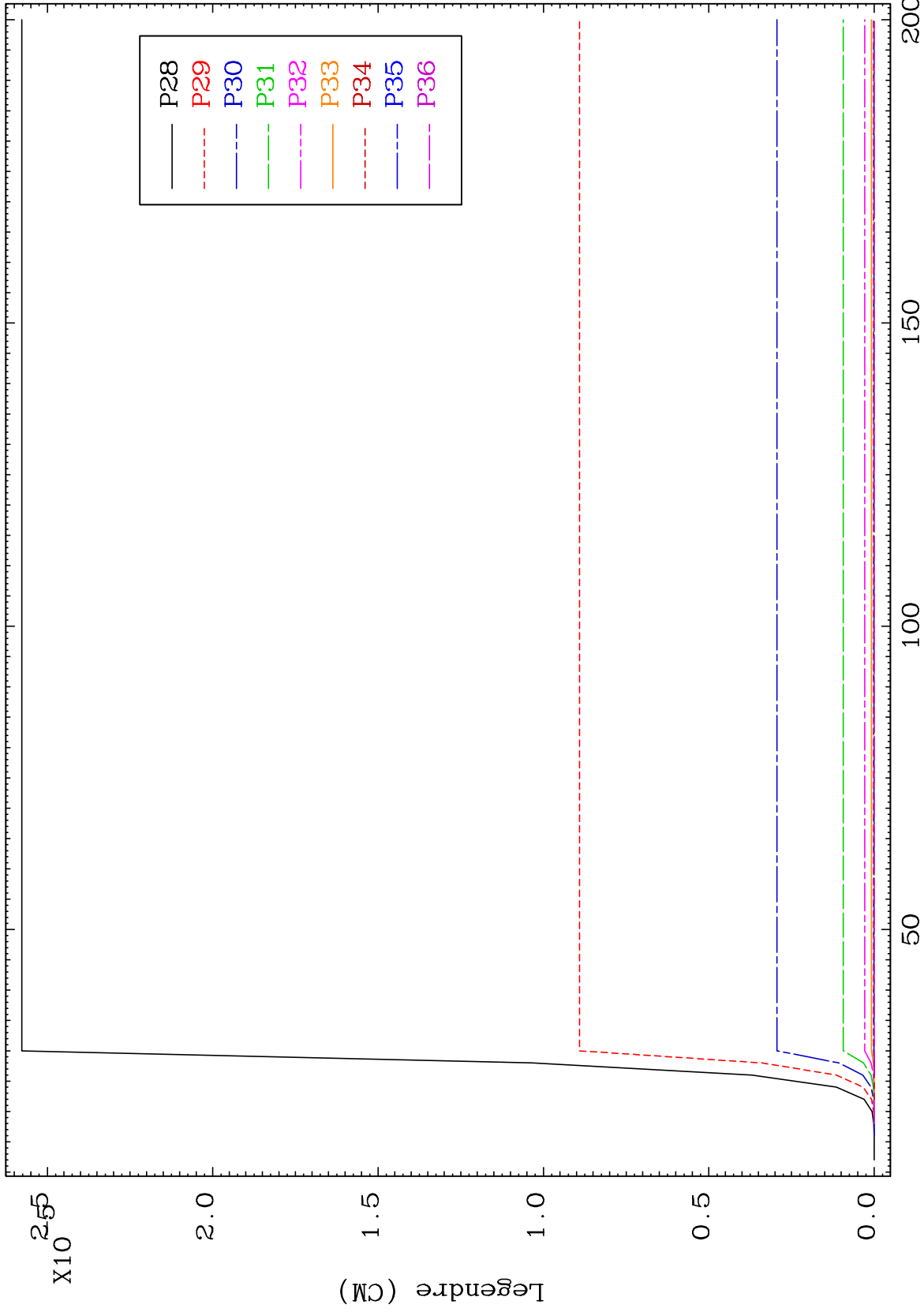


36

Incident Energy (MeV)

63-Eu-153

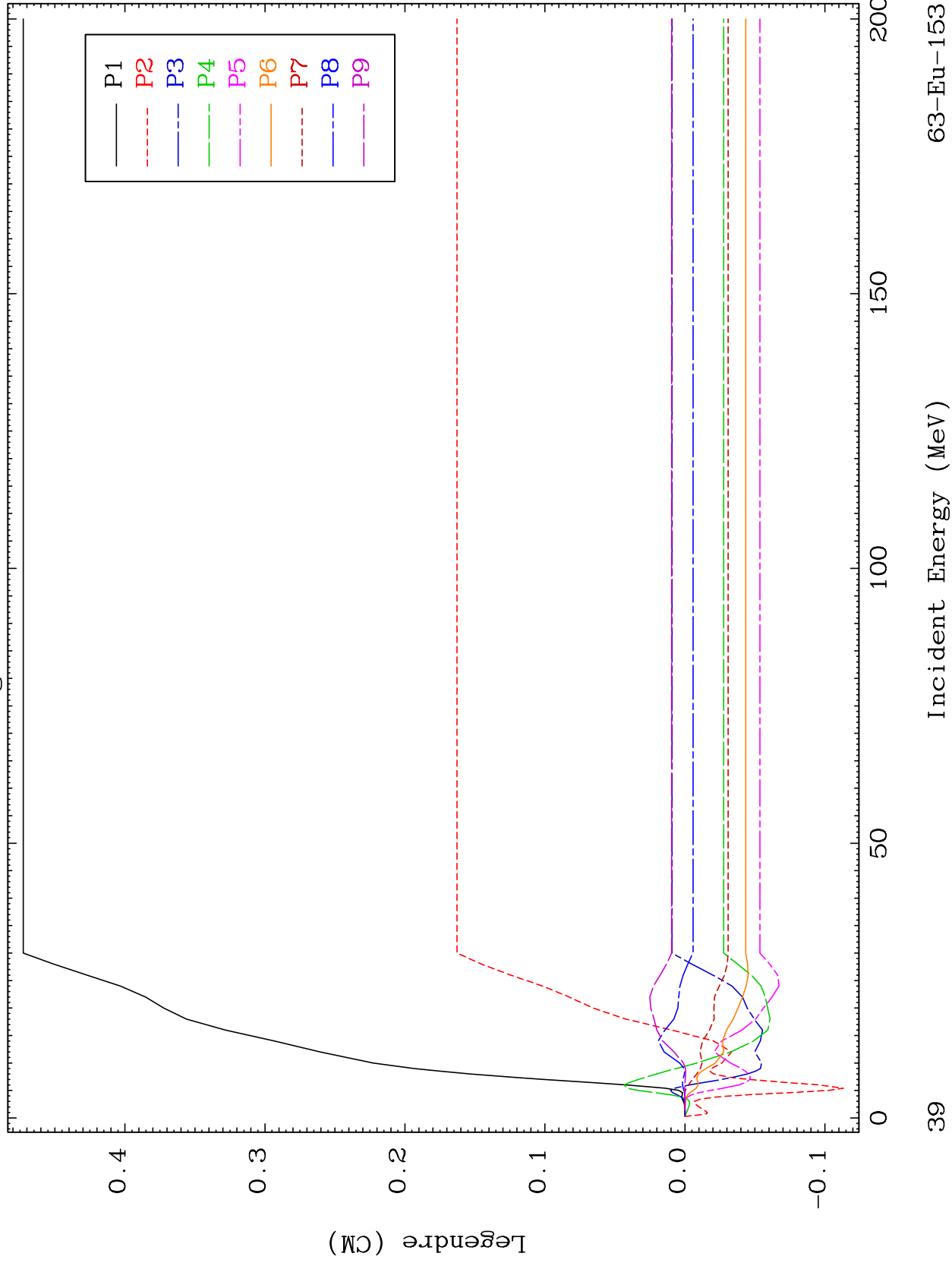




MAT 6331

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

63-Eu-153



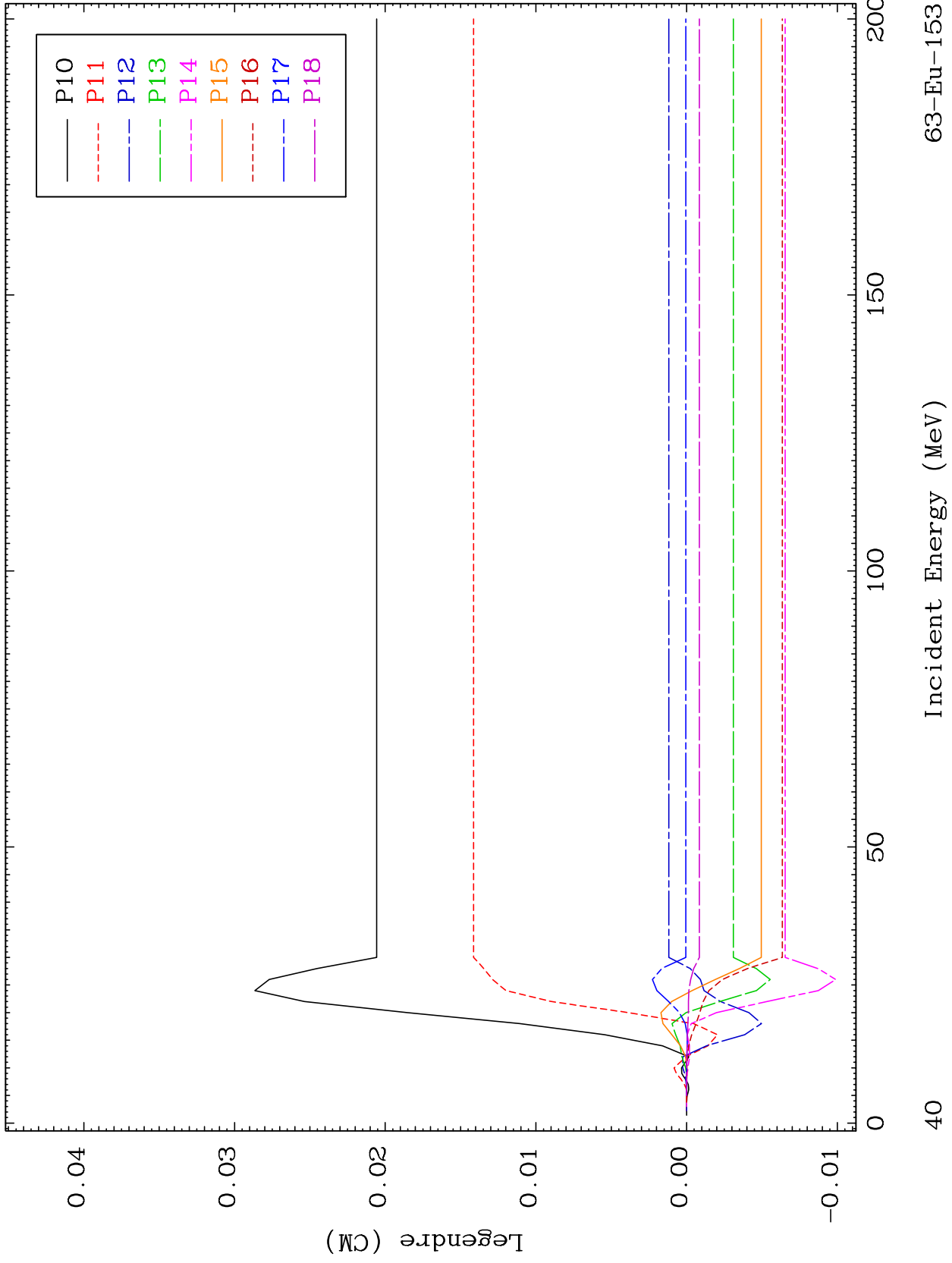
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63-Eu-153

MAT 6331

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

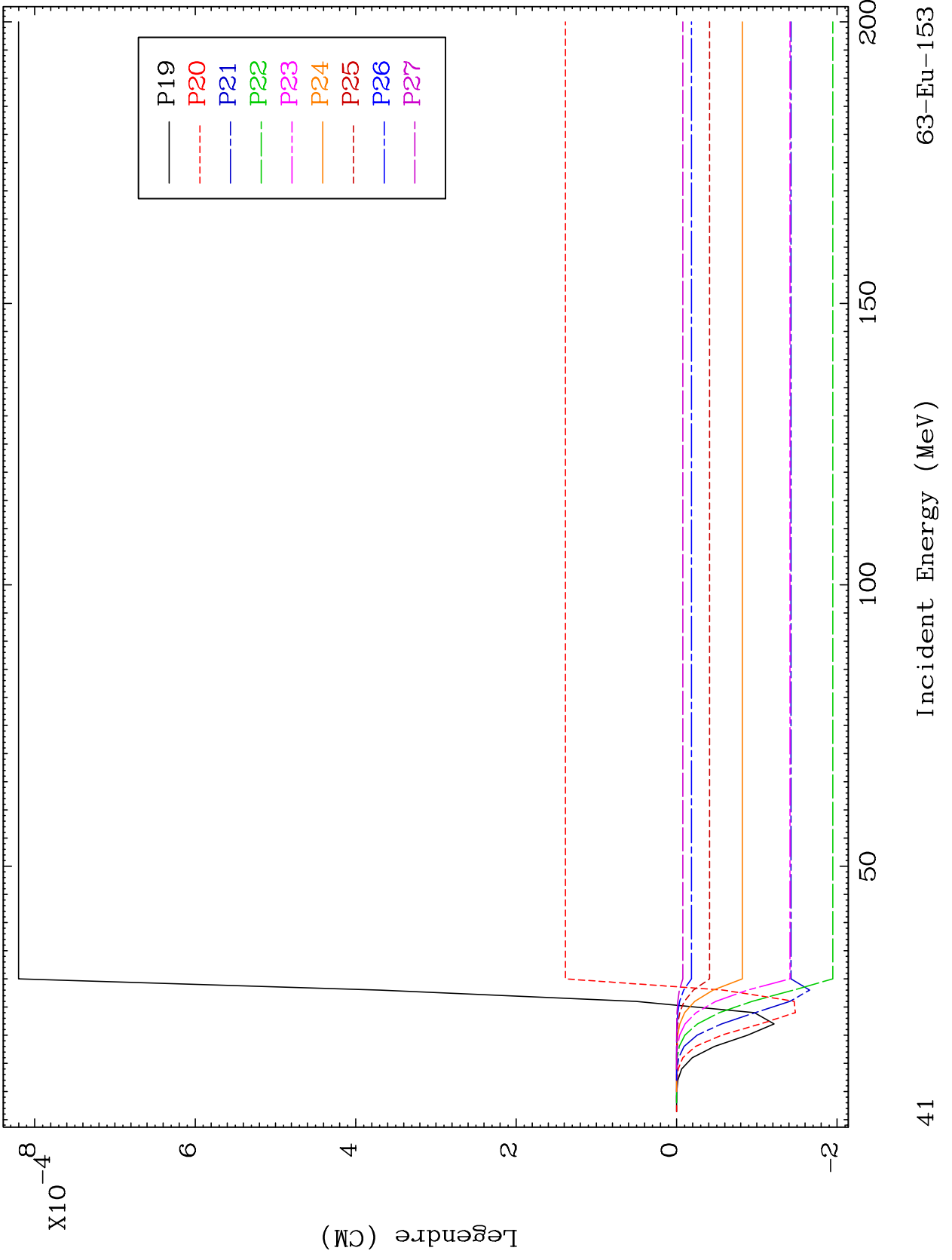
63-Eu-153



63-Eu-153

Incident Energy (MeV)

40

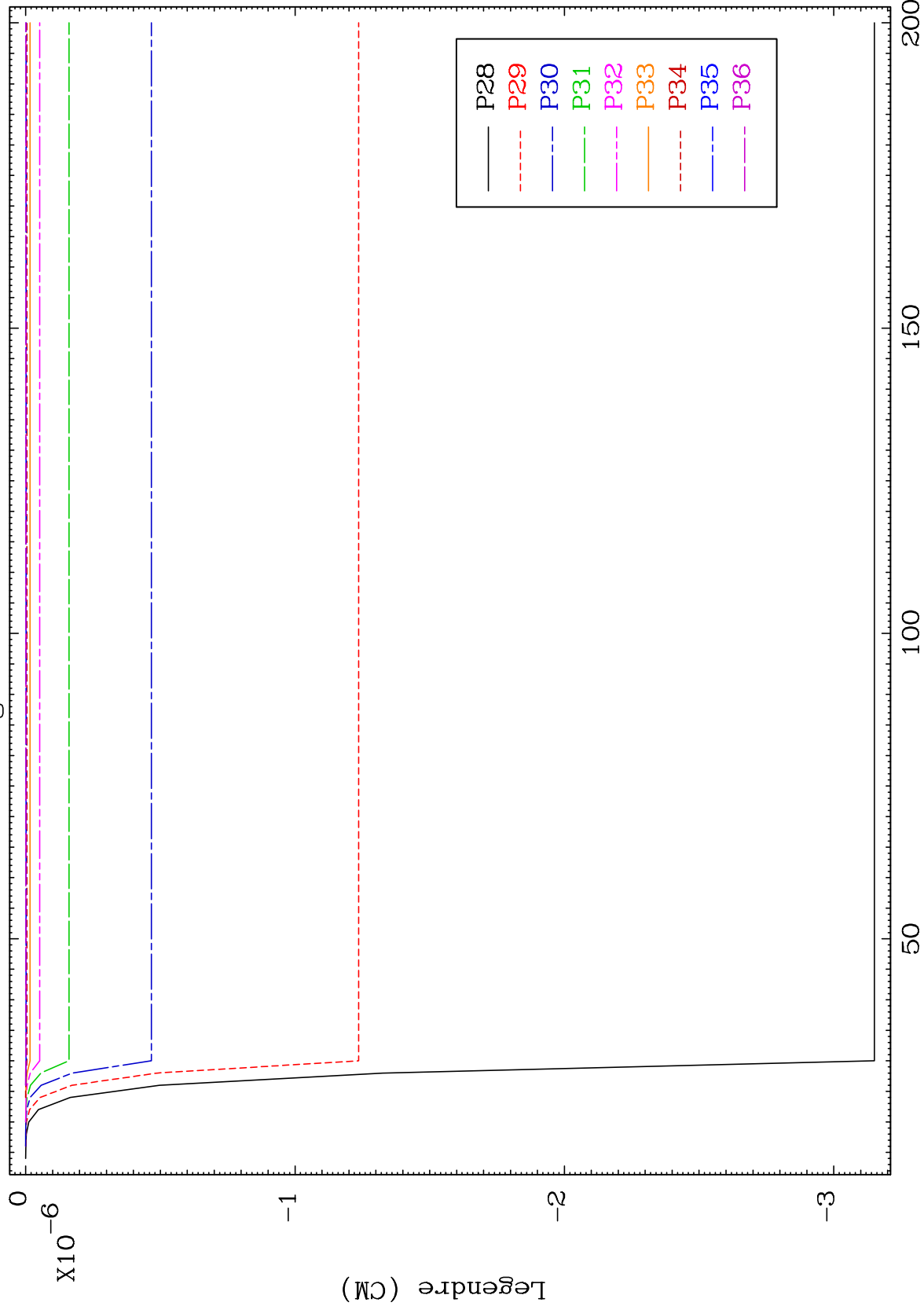


MAT 6331

MT= 57 (n,n') Level

63-Eu-153

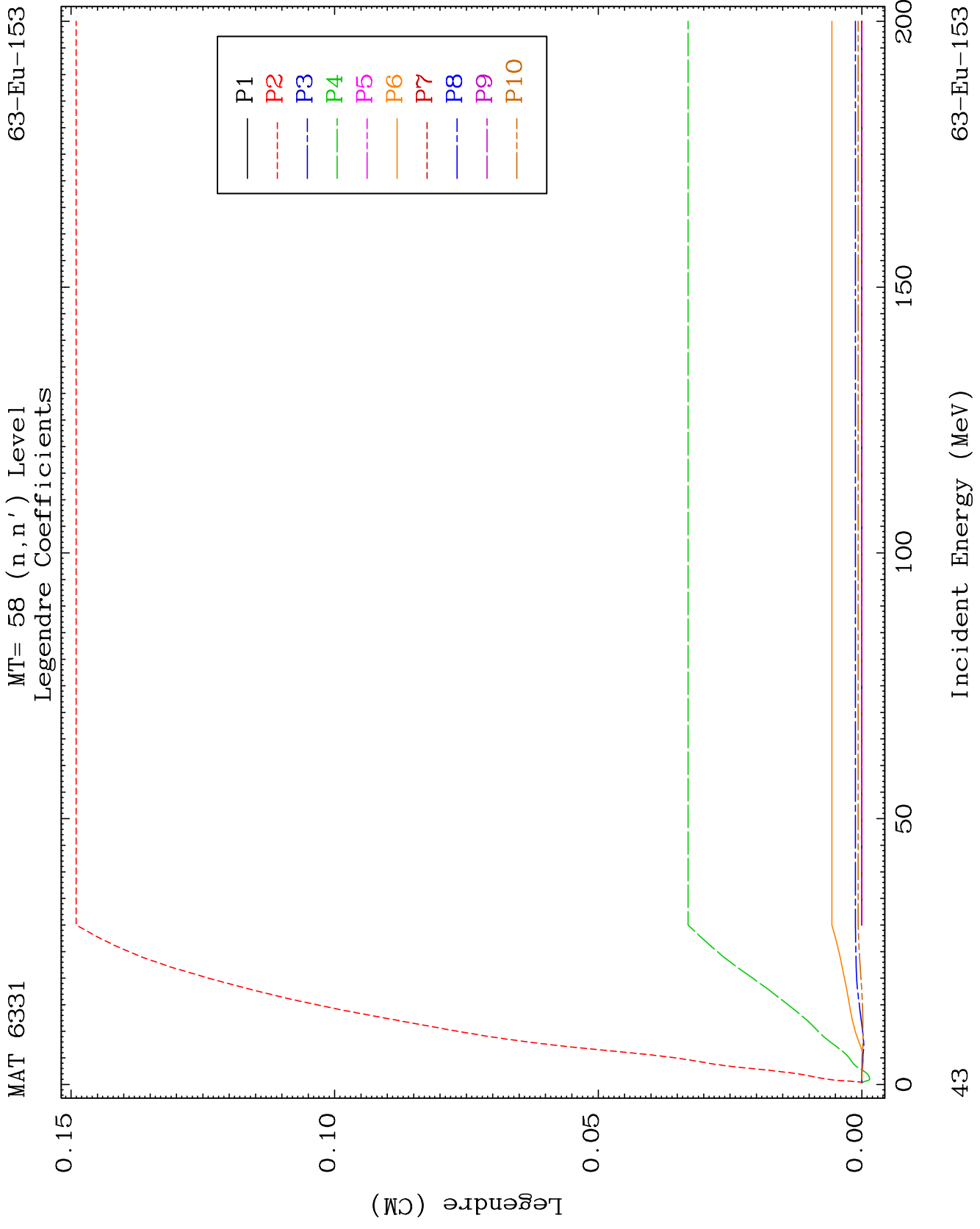
Legendre Coefficients

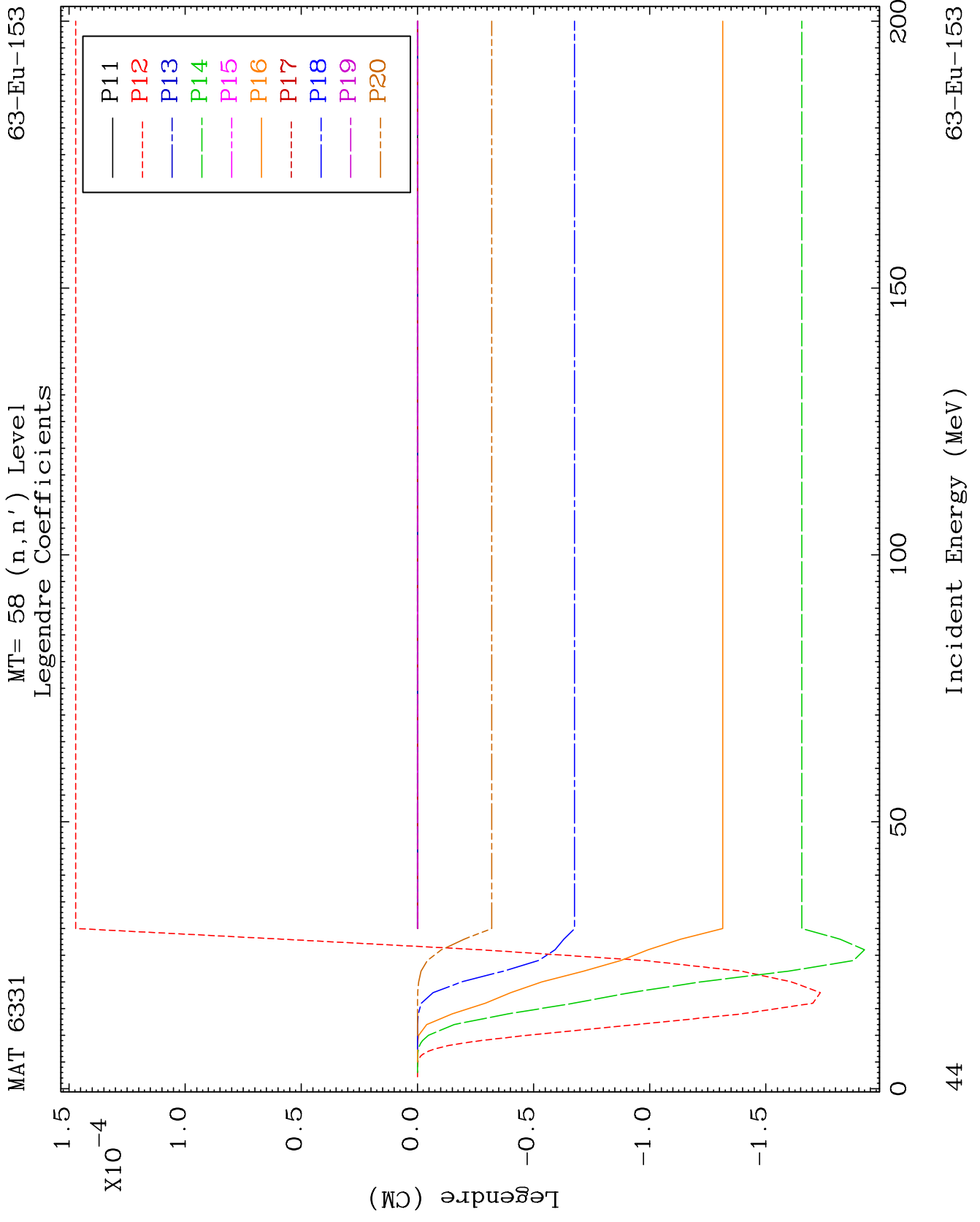


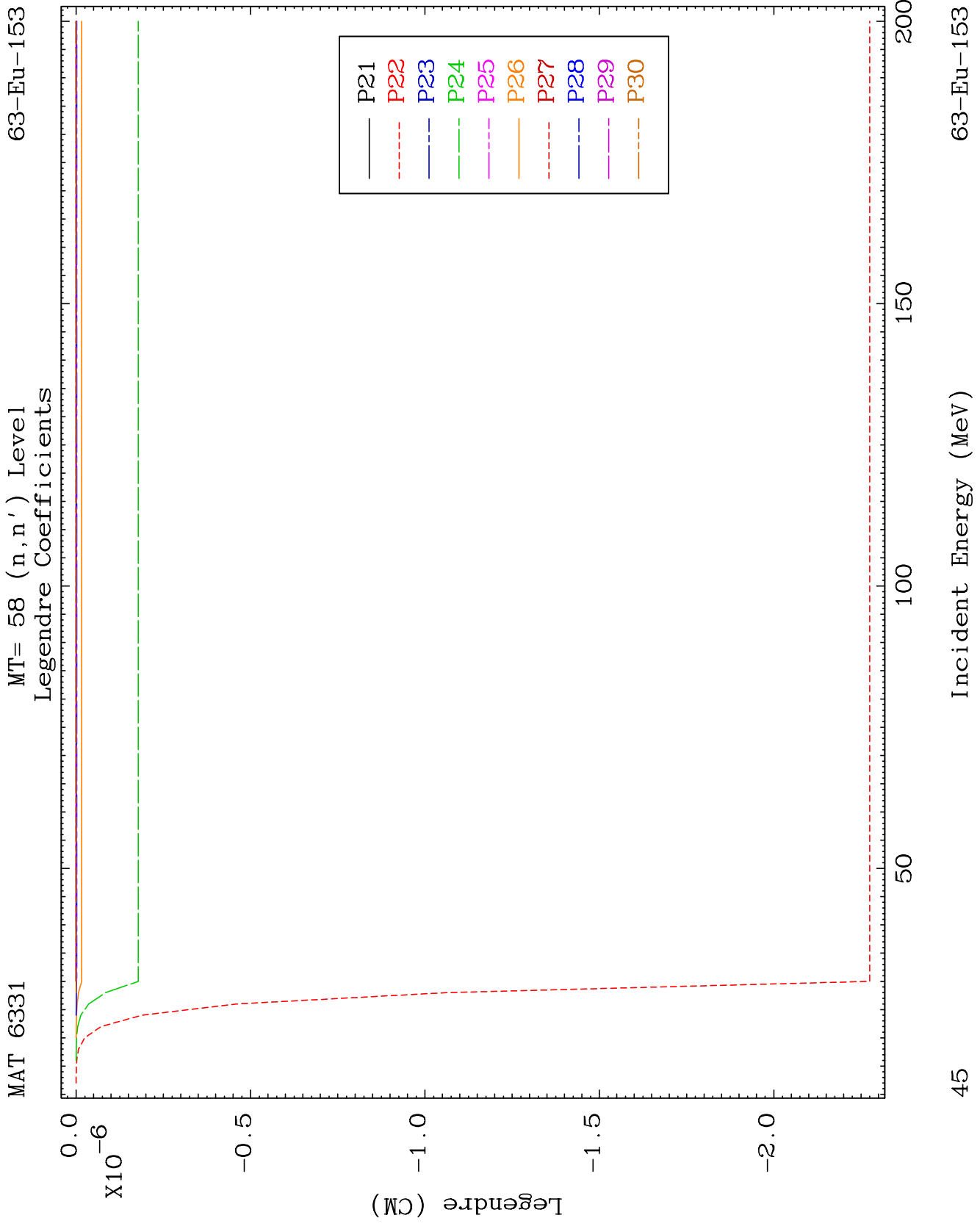
63-Eu-153

Incident Energy (MeV)

42



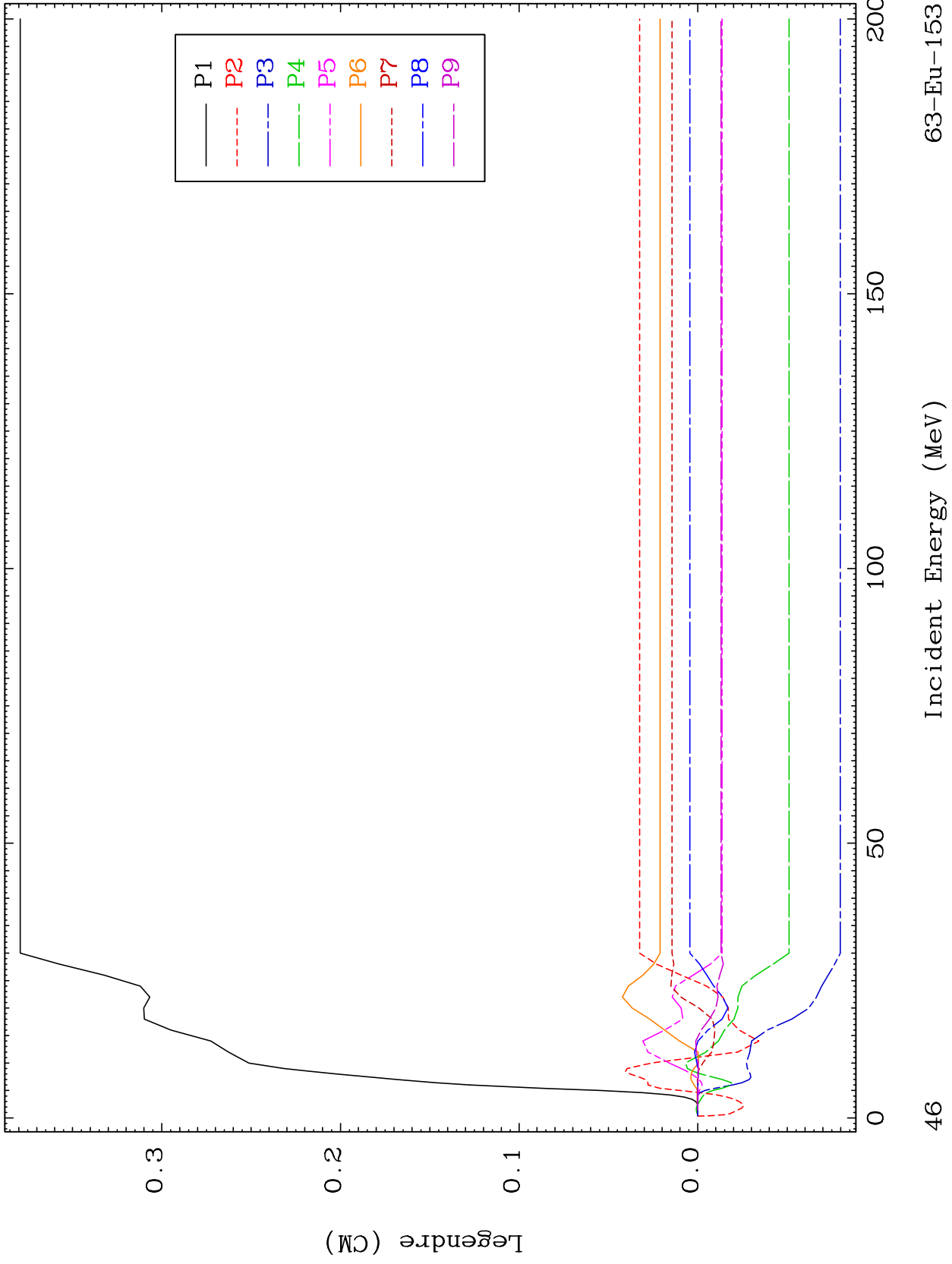




MAT 6331

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

63-Eu-153



46

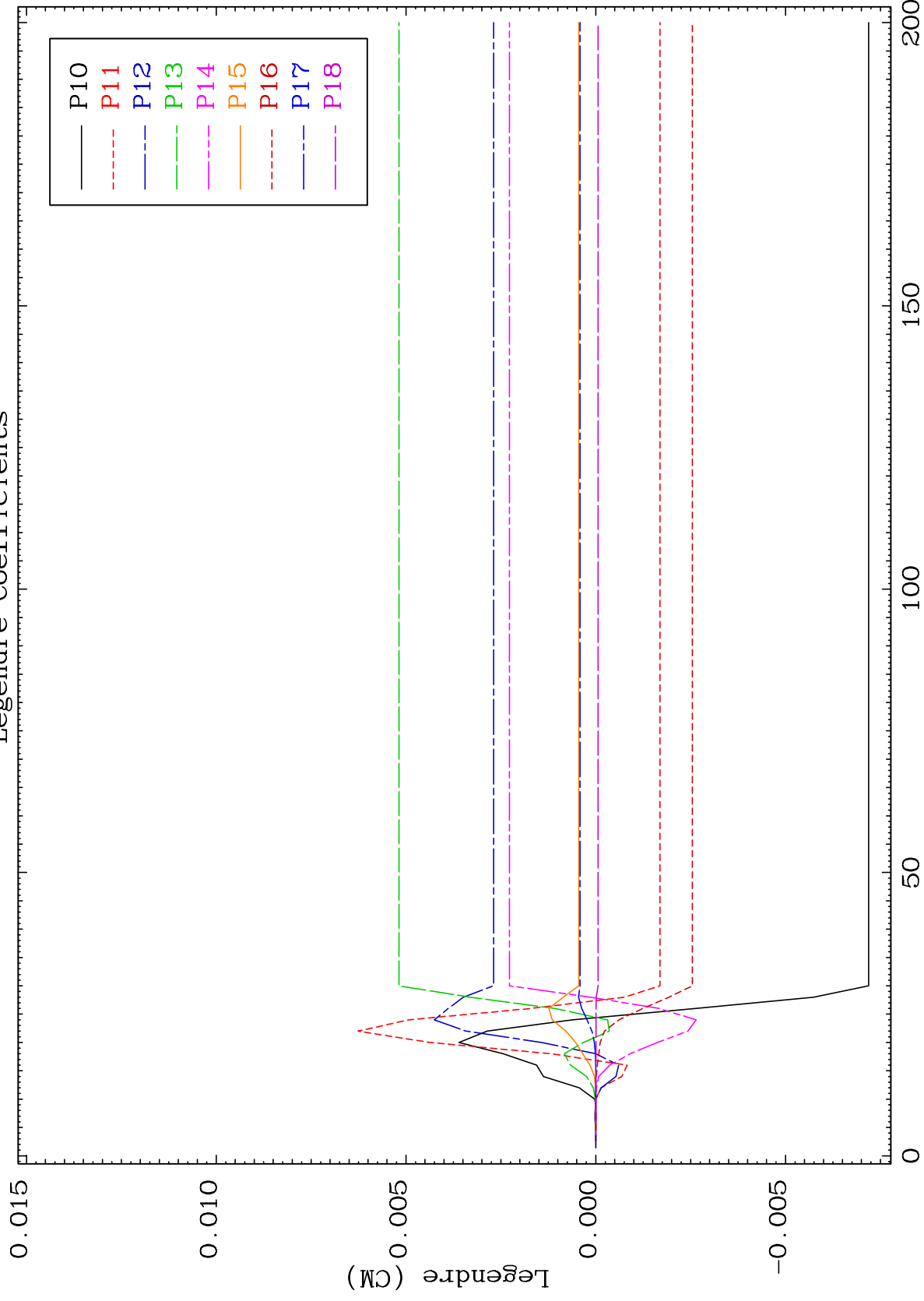
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



47

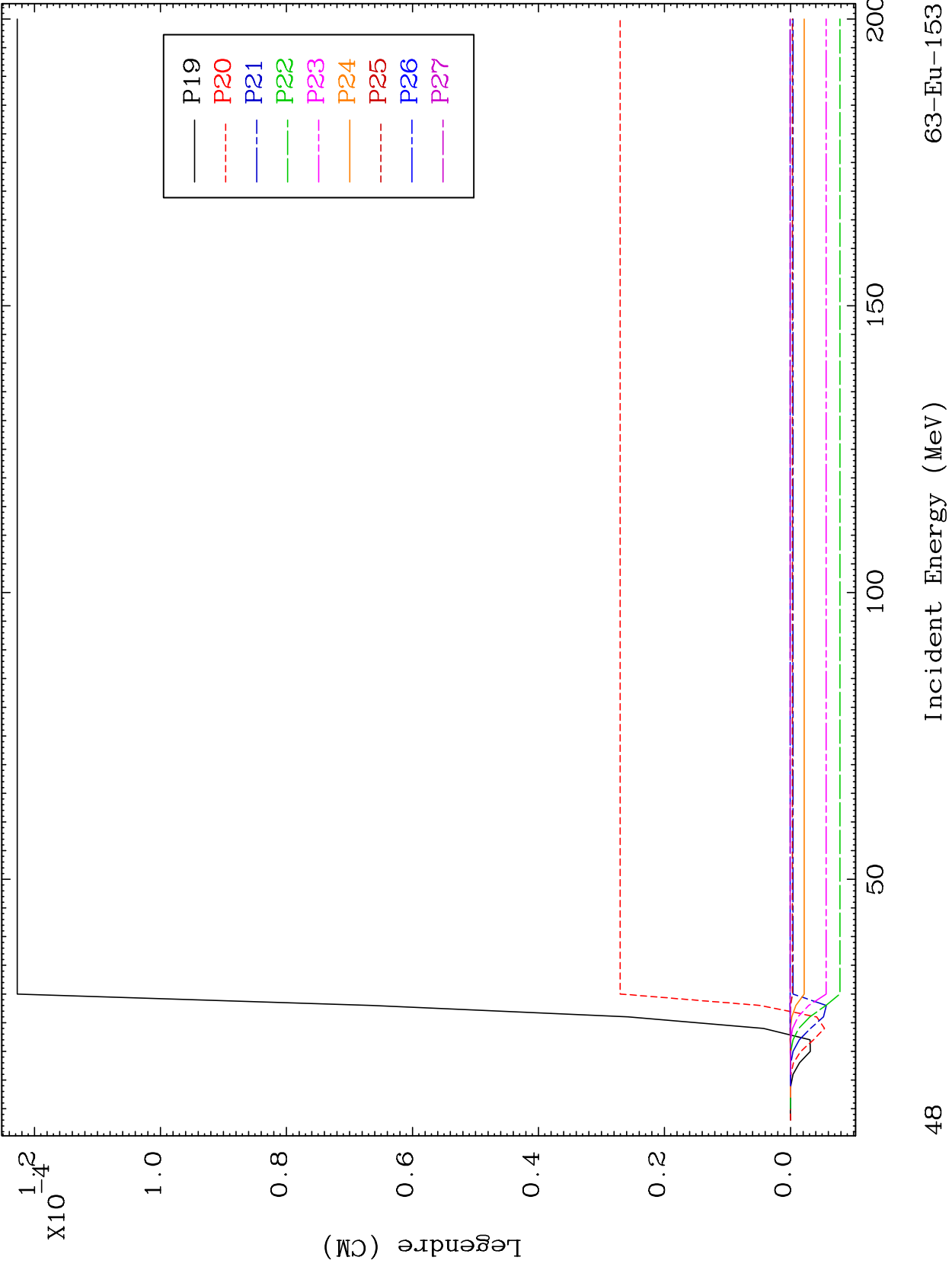
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



48

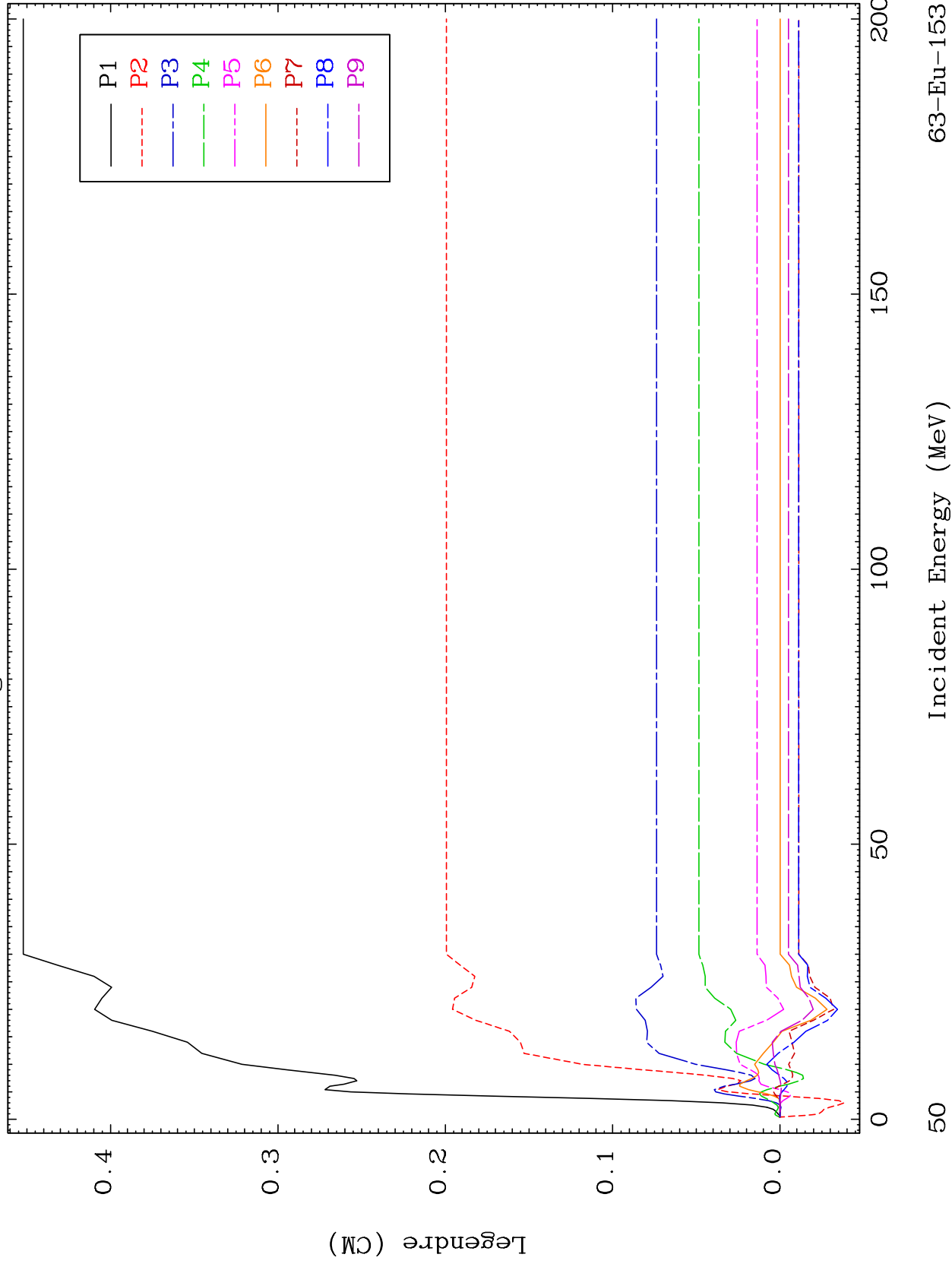
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153

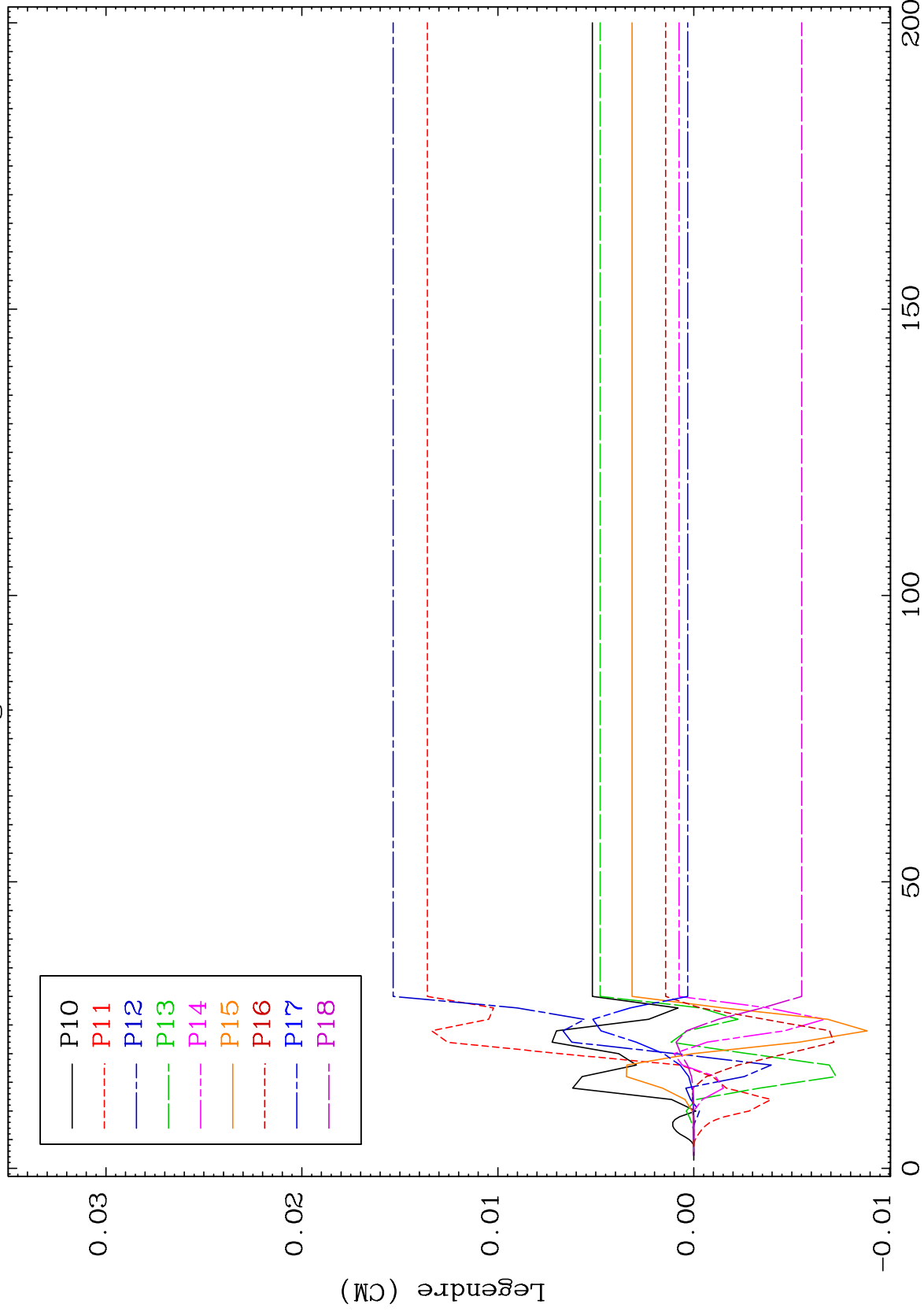


63-Eu-153

MAT 6331

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

63-Eu-153



51

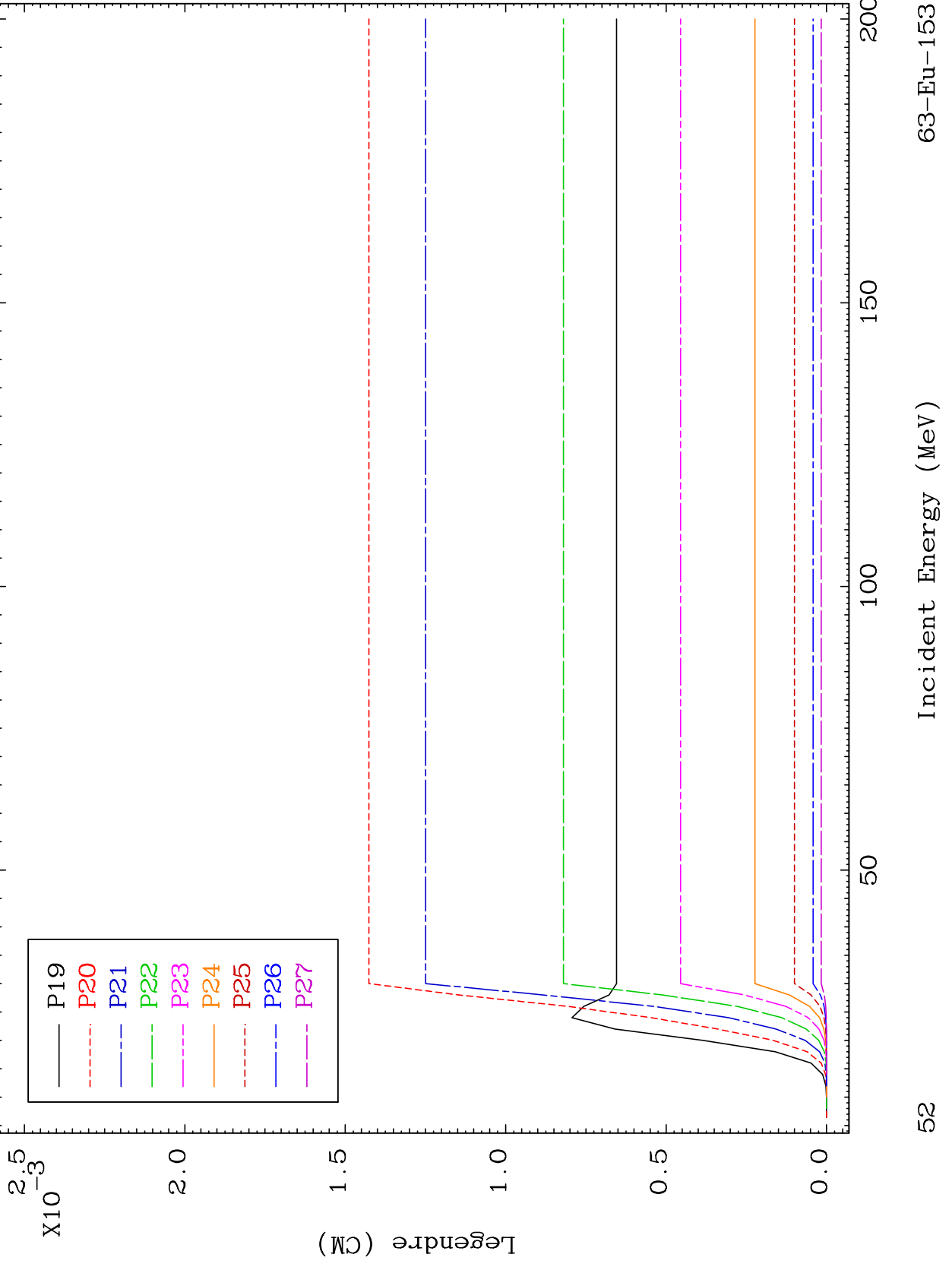
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

63-Eu-153



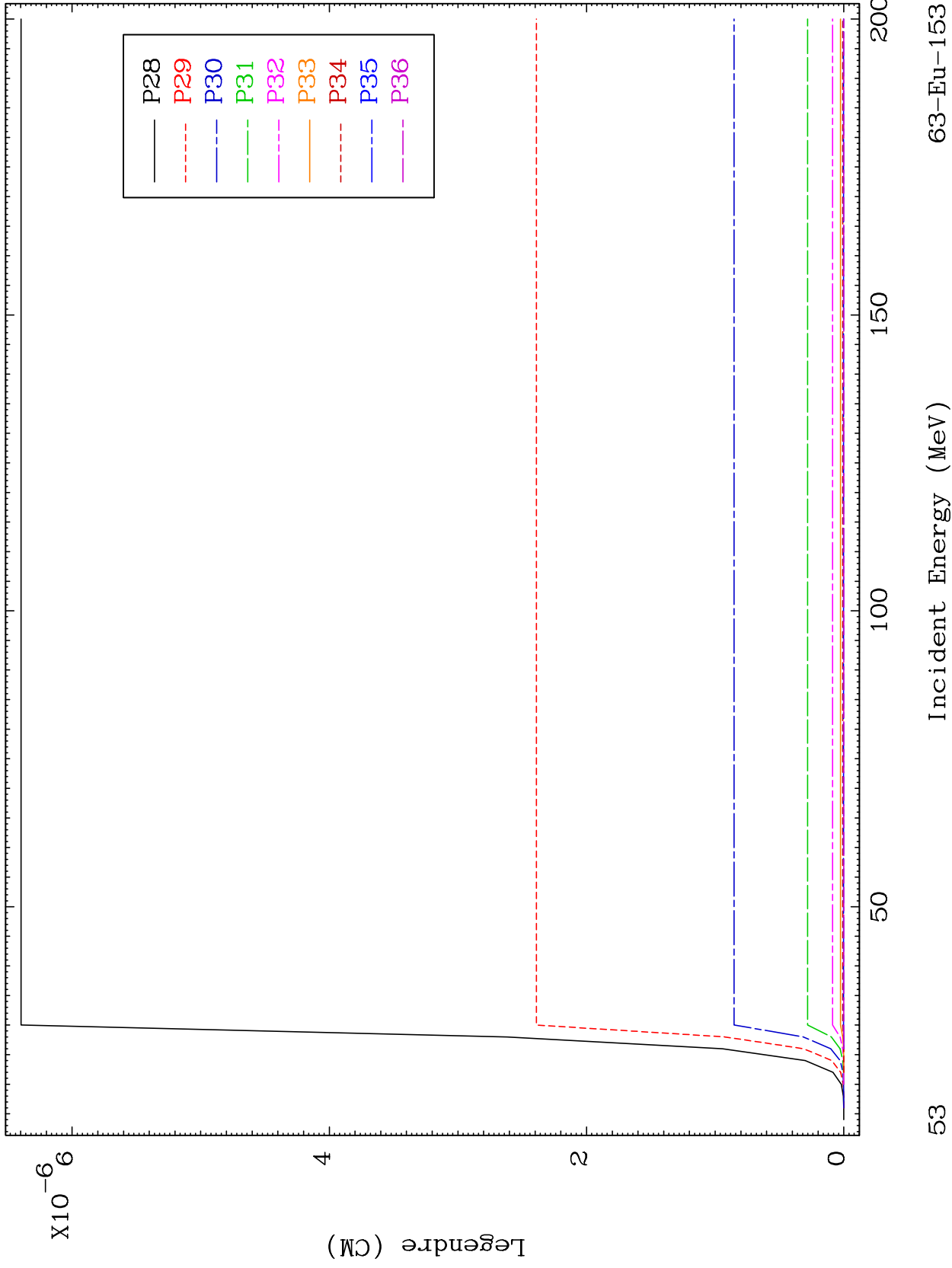
52

63-Eu-153

MAT 6331

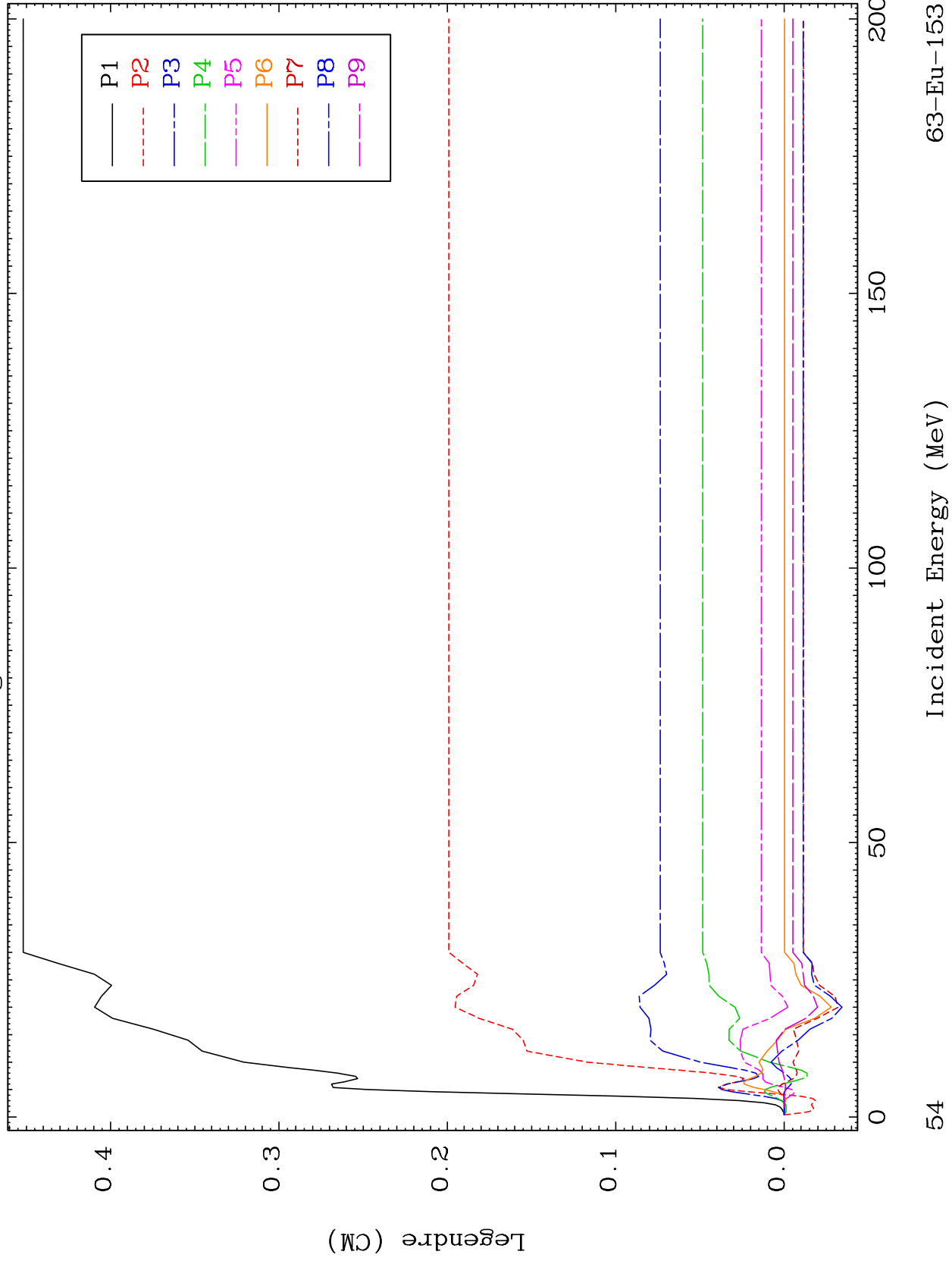
MT= 60 (n,n') Level
Legendre Coefficients

63-Eu-153



53

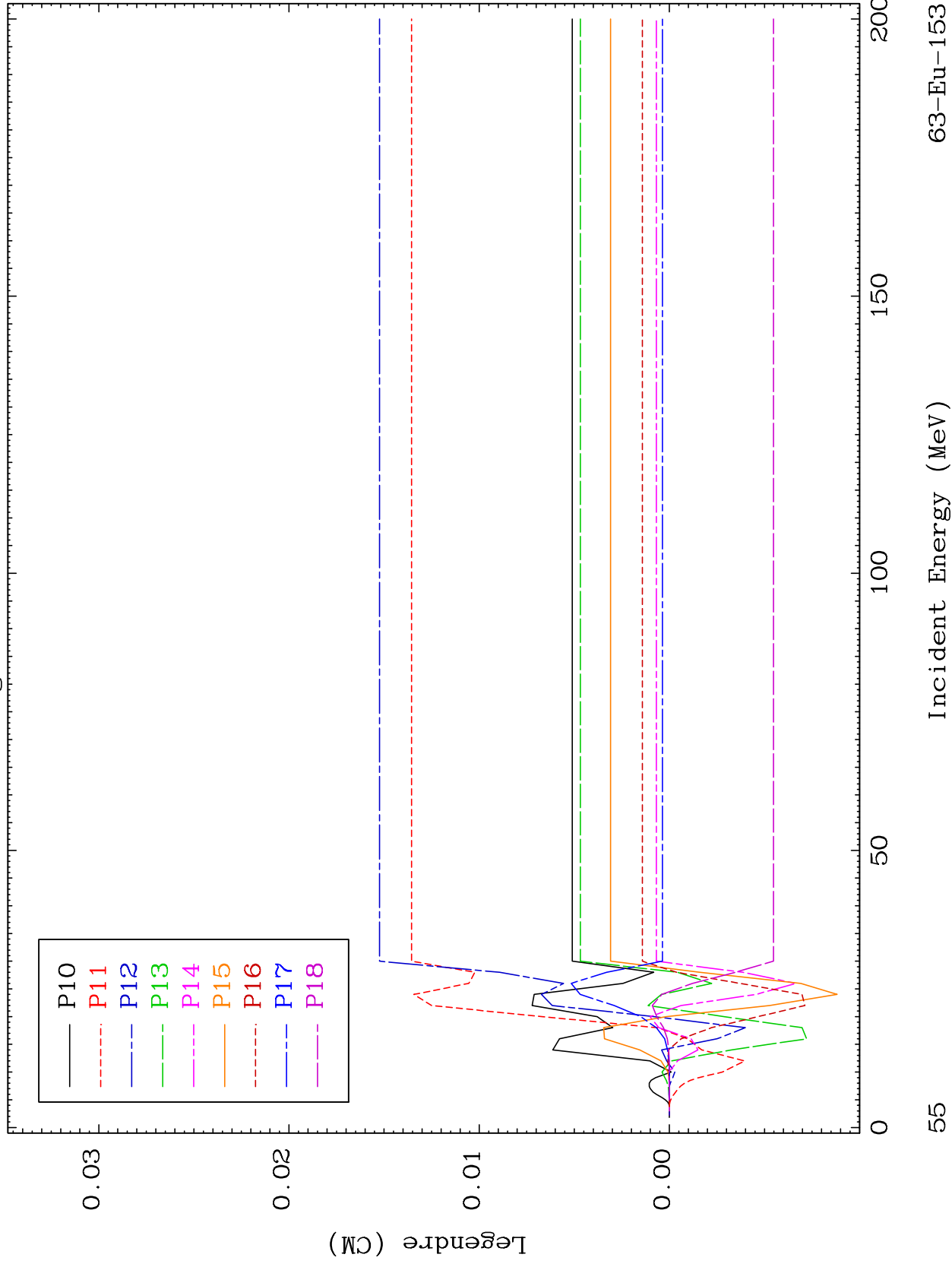
63-Eu-153



MAT 6331

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

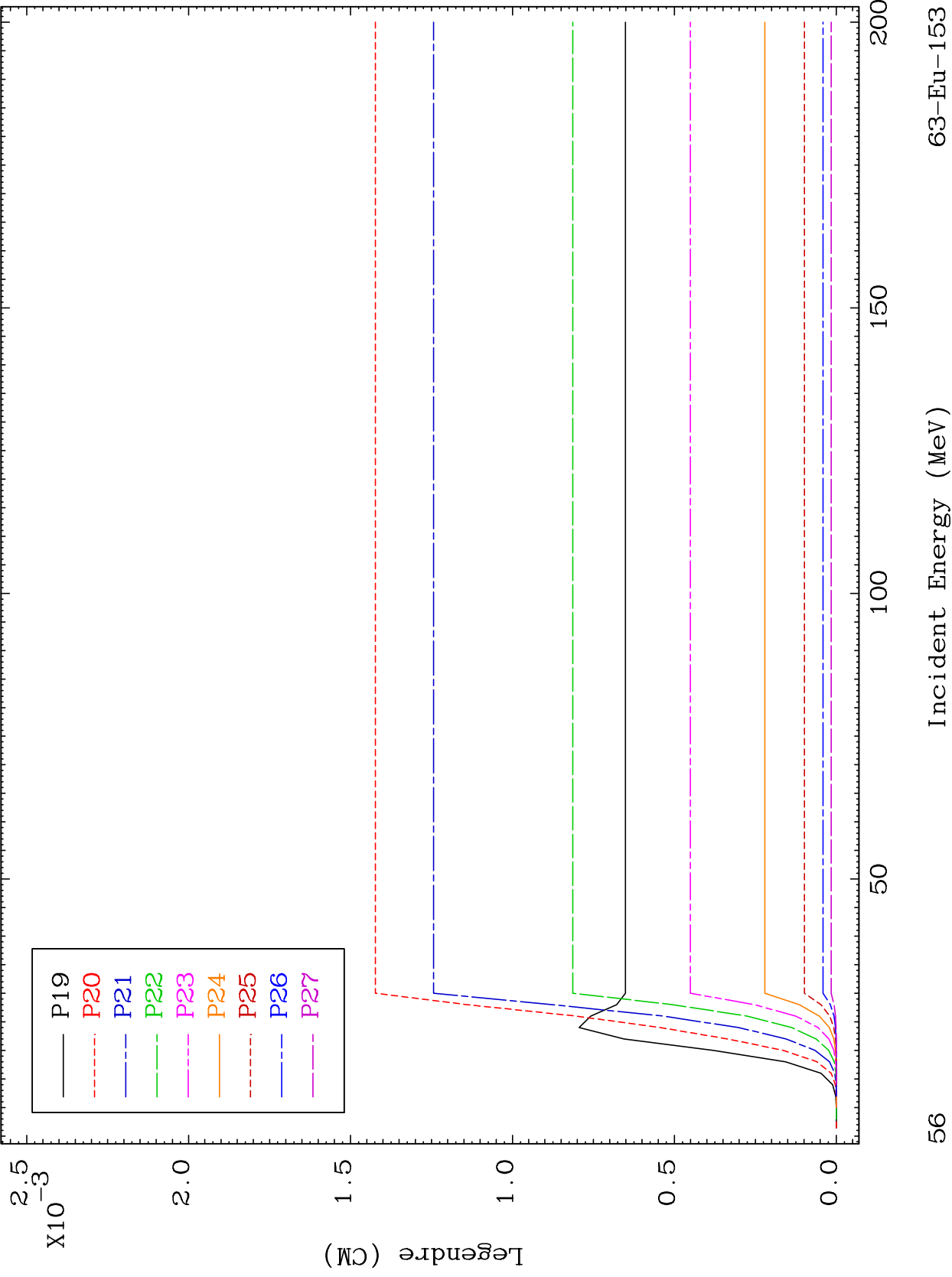
63-Eu-153



63-Eu-153

Incident Energy (MeV)

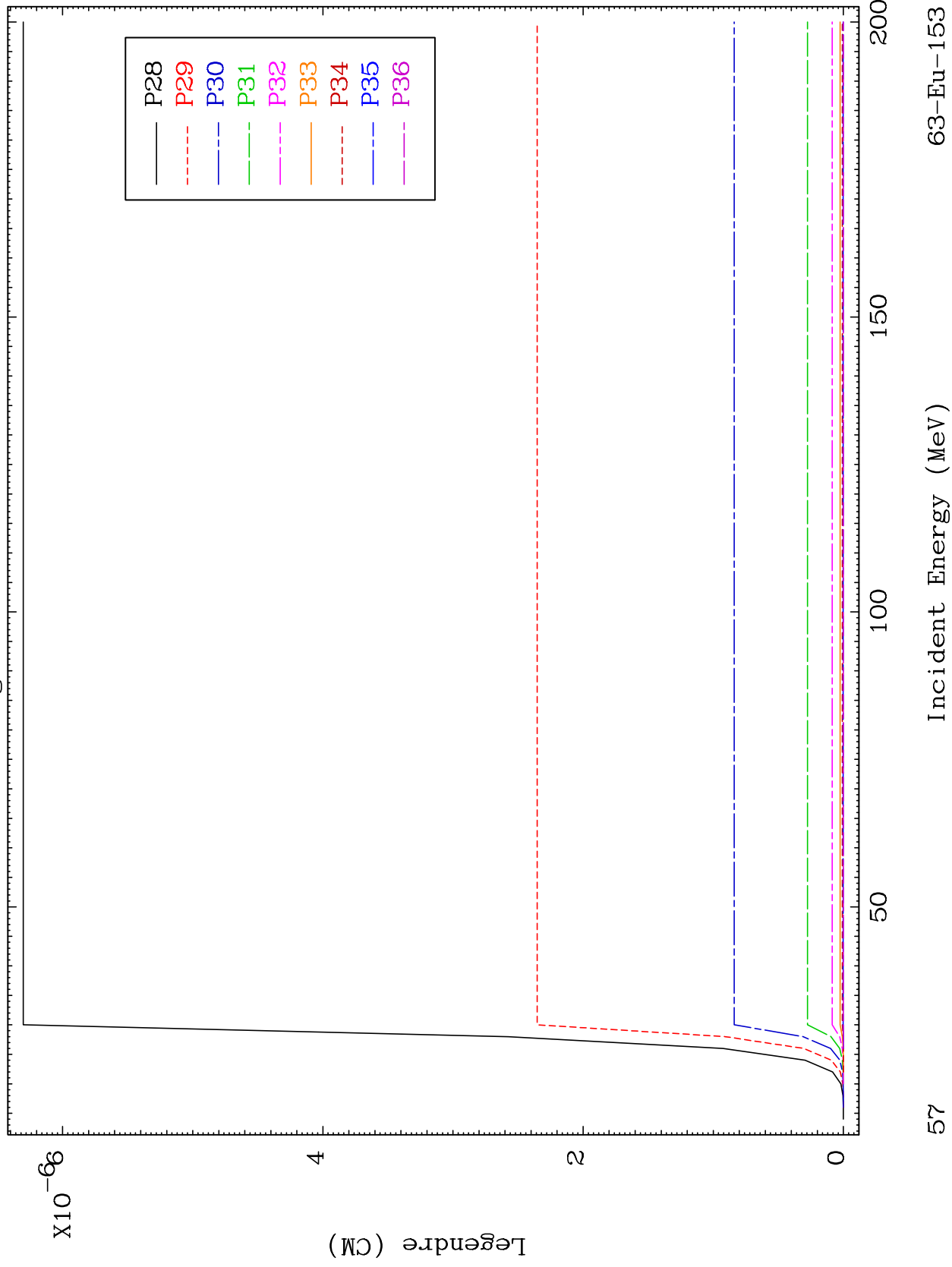
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MAT 6331

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

63-Eu-153



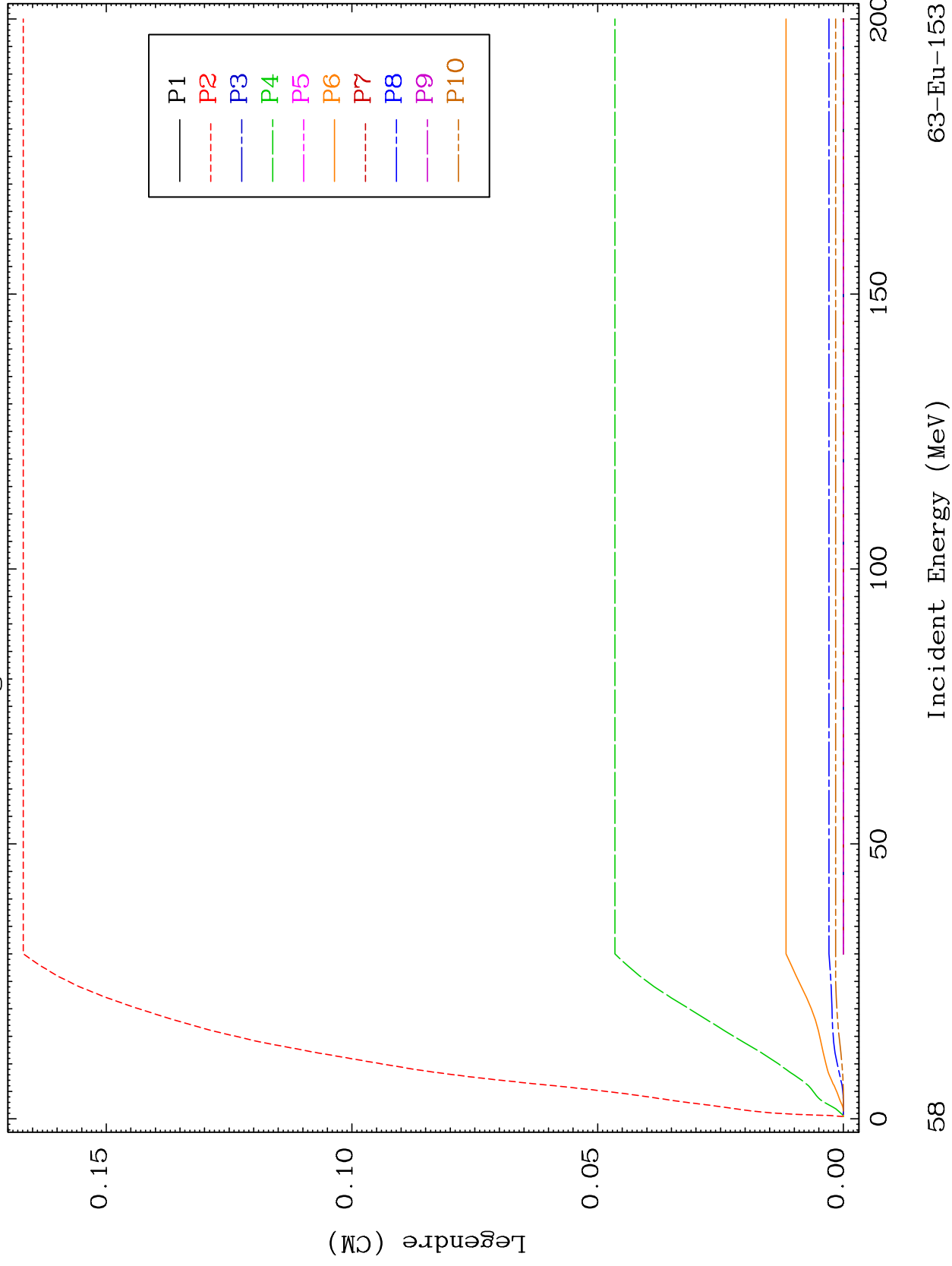
57

63-Eu-153

MAT 6331

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

63-Eu-153



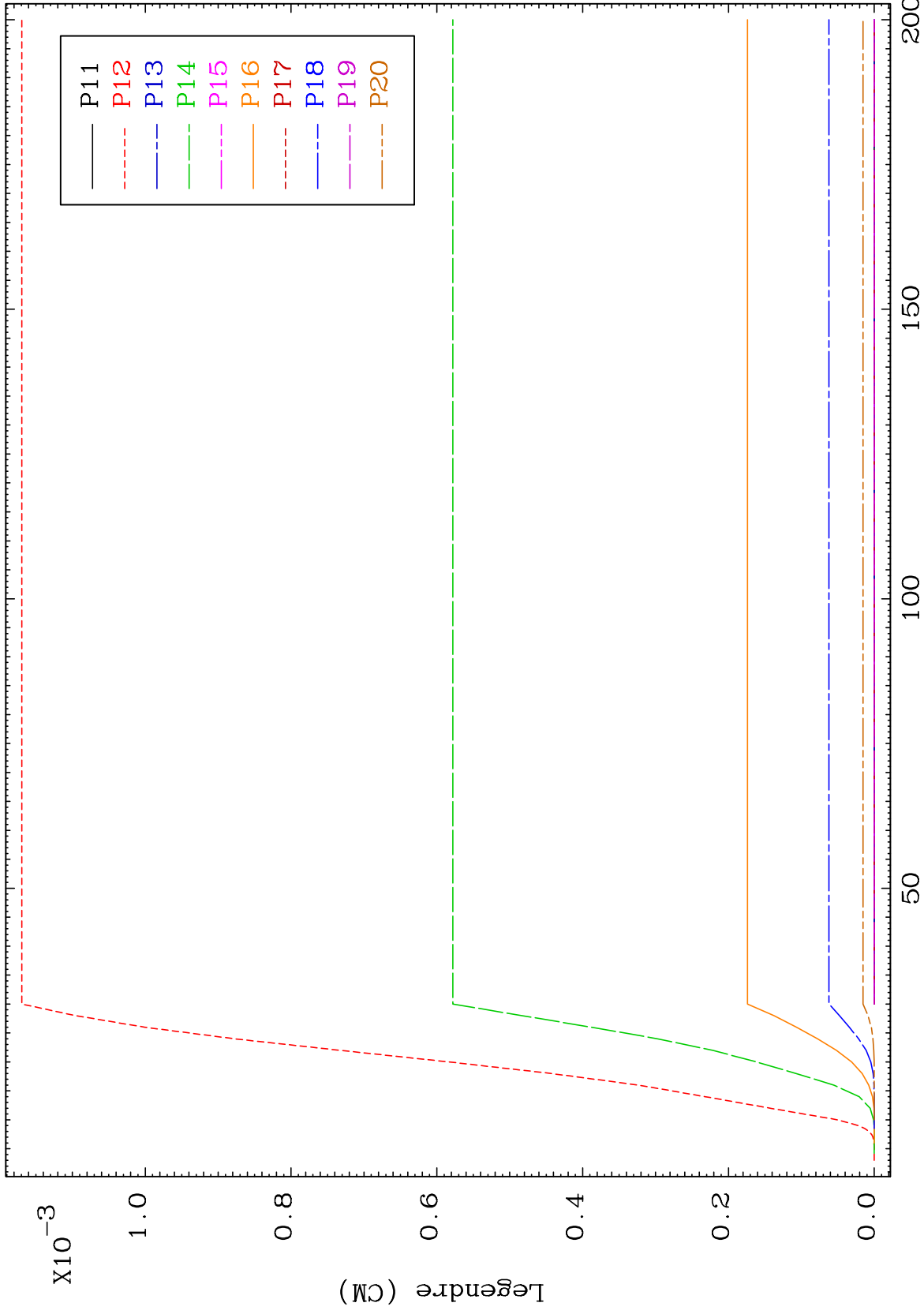
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63-Eu-153

MAT 6331

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

63-Eu-153



59

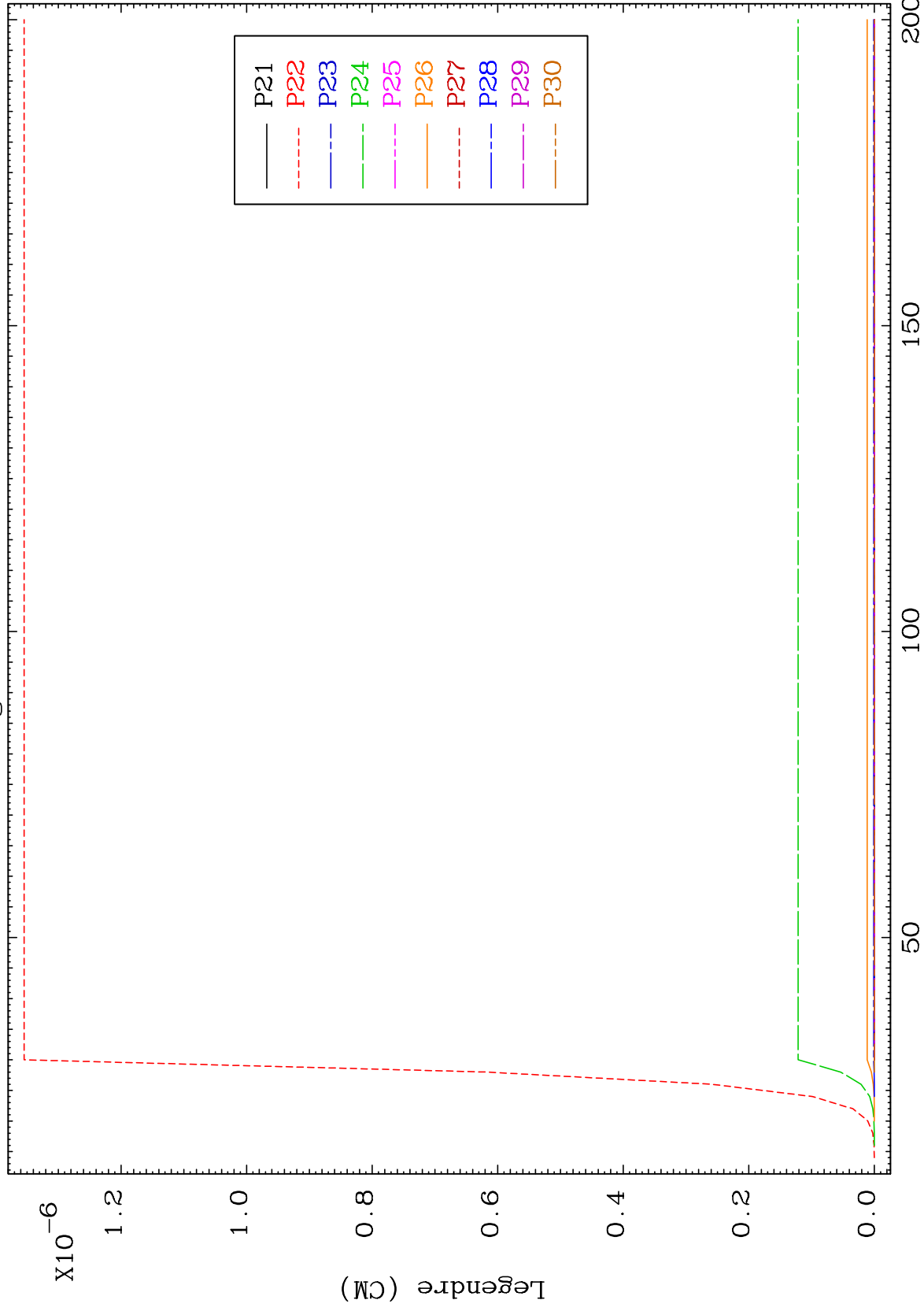
63-Eu-153

63-Eu-153

MAT 6331

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

63-Eu-153



63-Eu-153

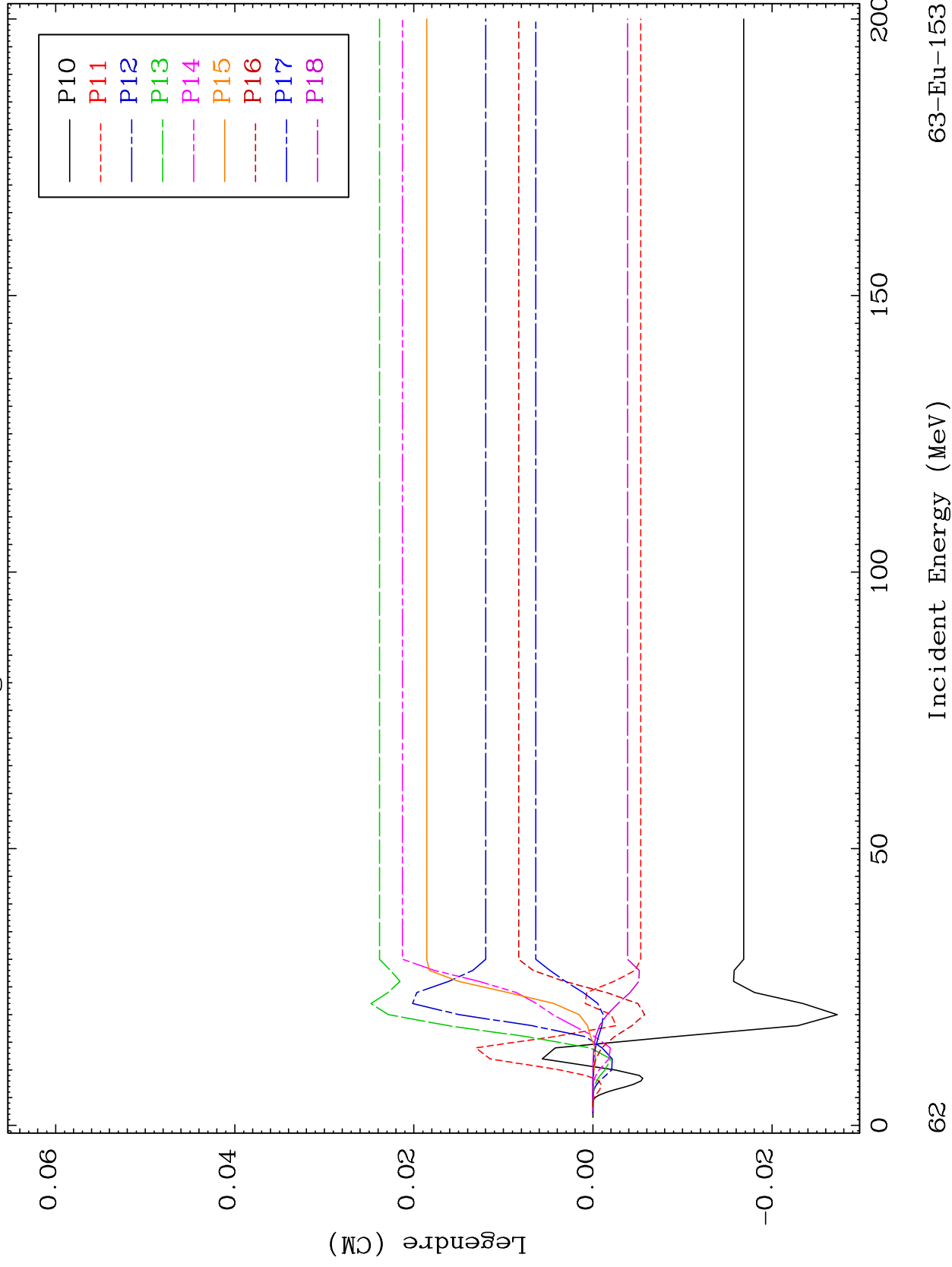
Incident Energy (MeV)

60

MAT 6331

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

63-Eu-153



63-Eu-153

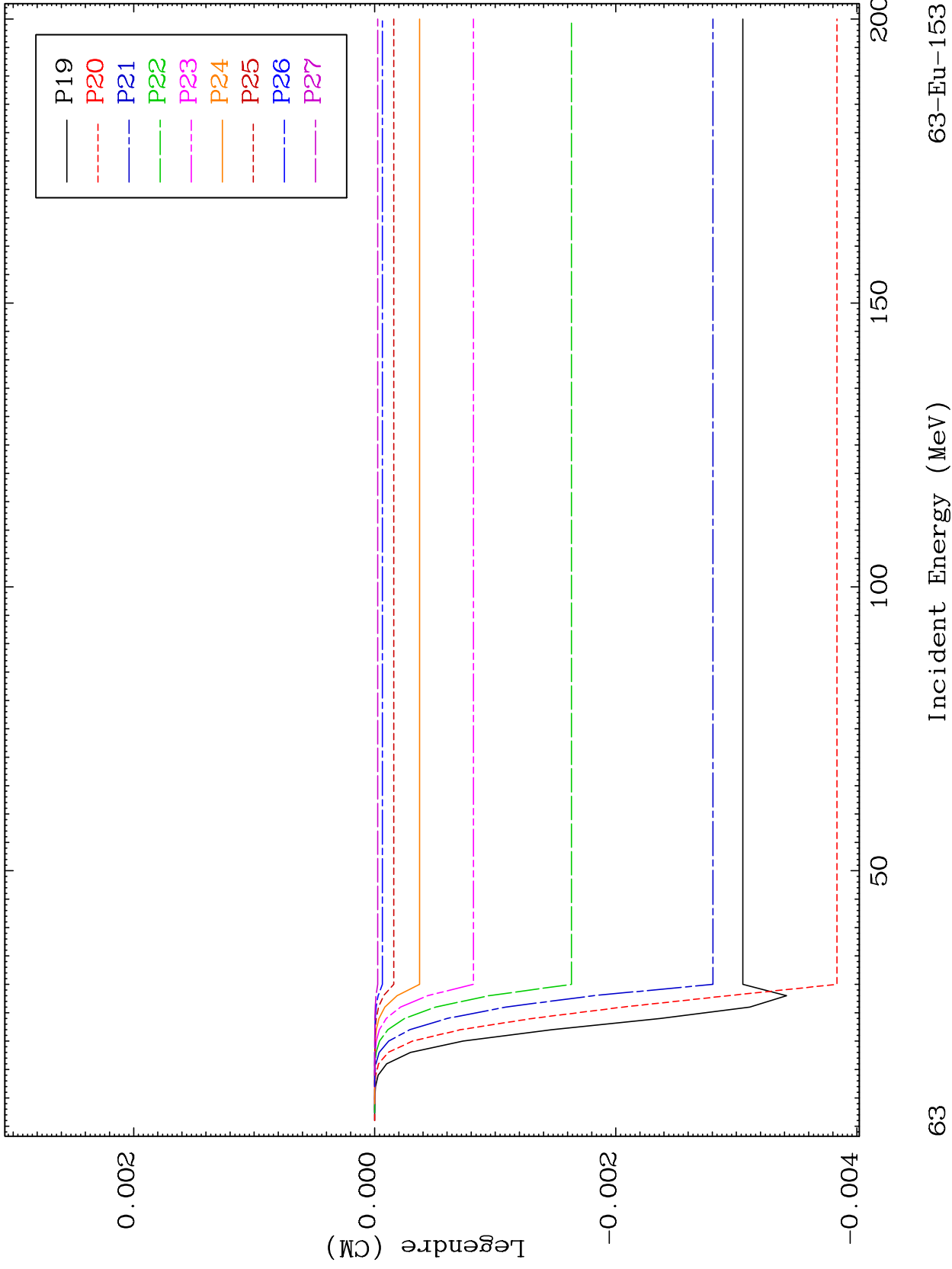
Incident Energy (MeV)

62

MAT 6331

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

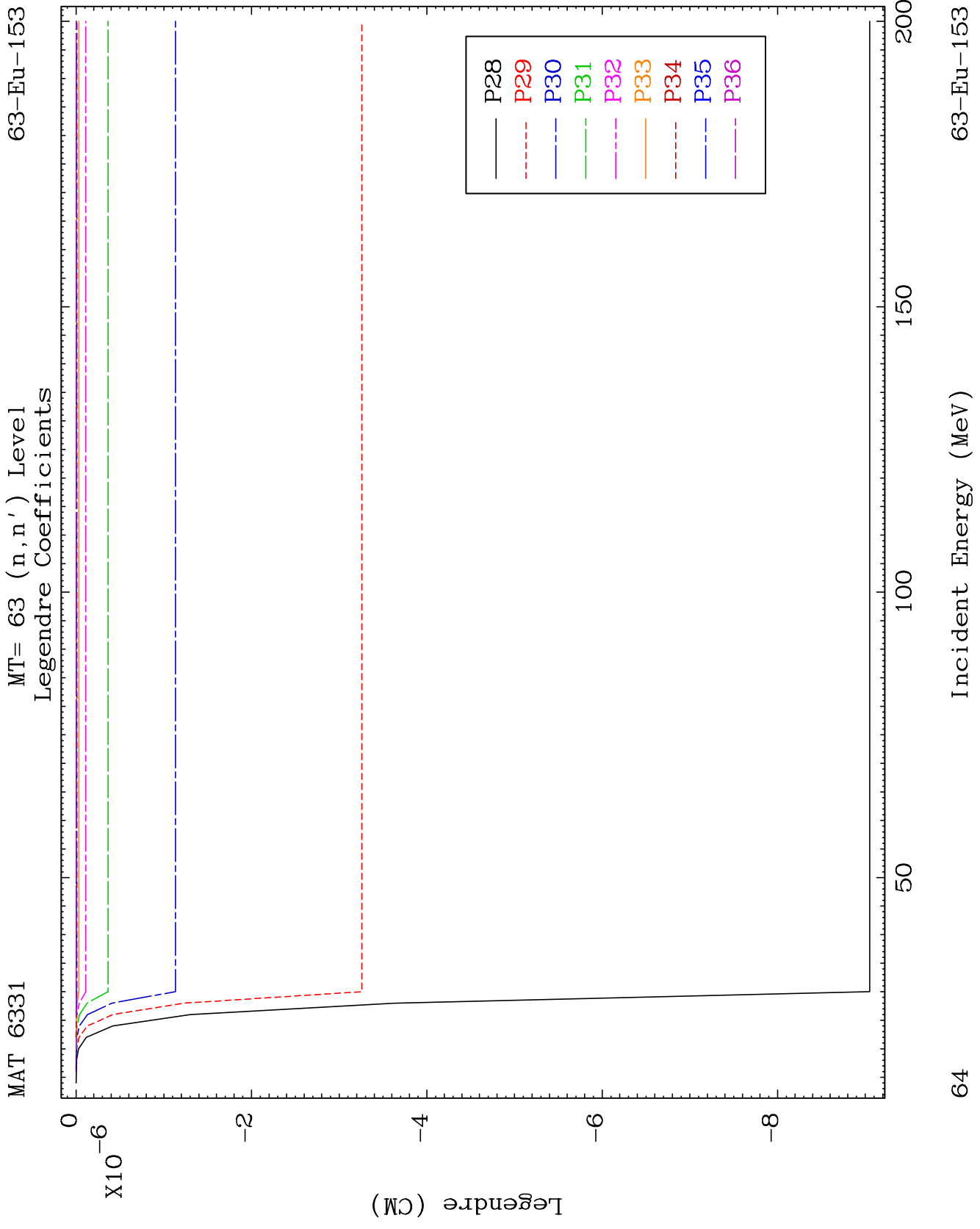
63-Eu-153



63

Incident Energy (MeV)

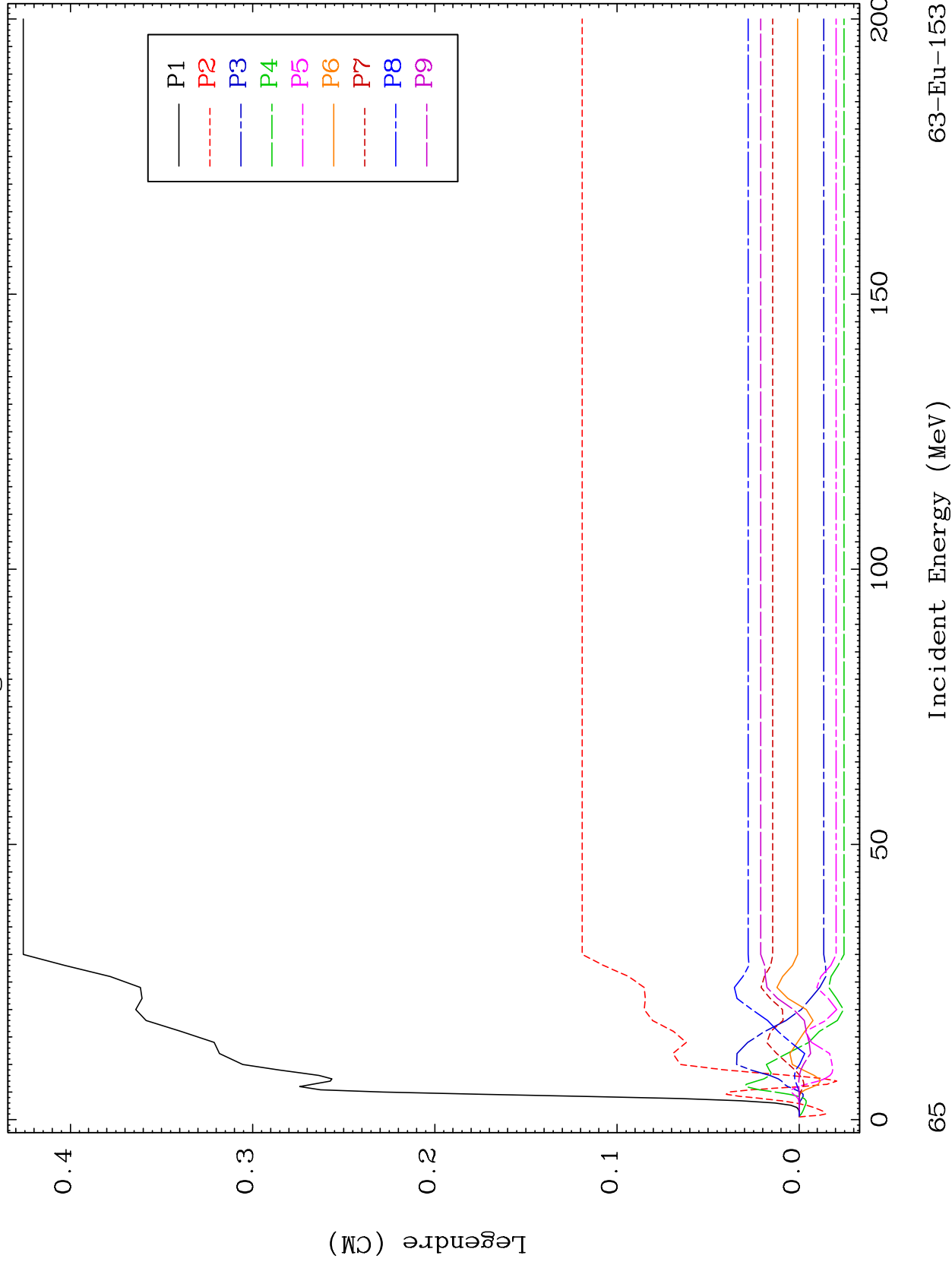
63-Eu-153



MAT 6331

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

63-Eu-153



63-Eu-153

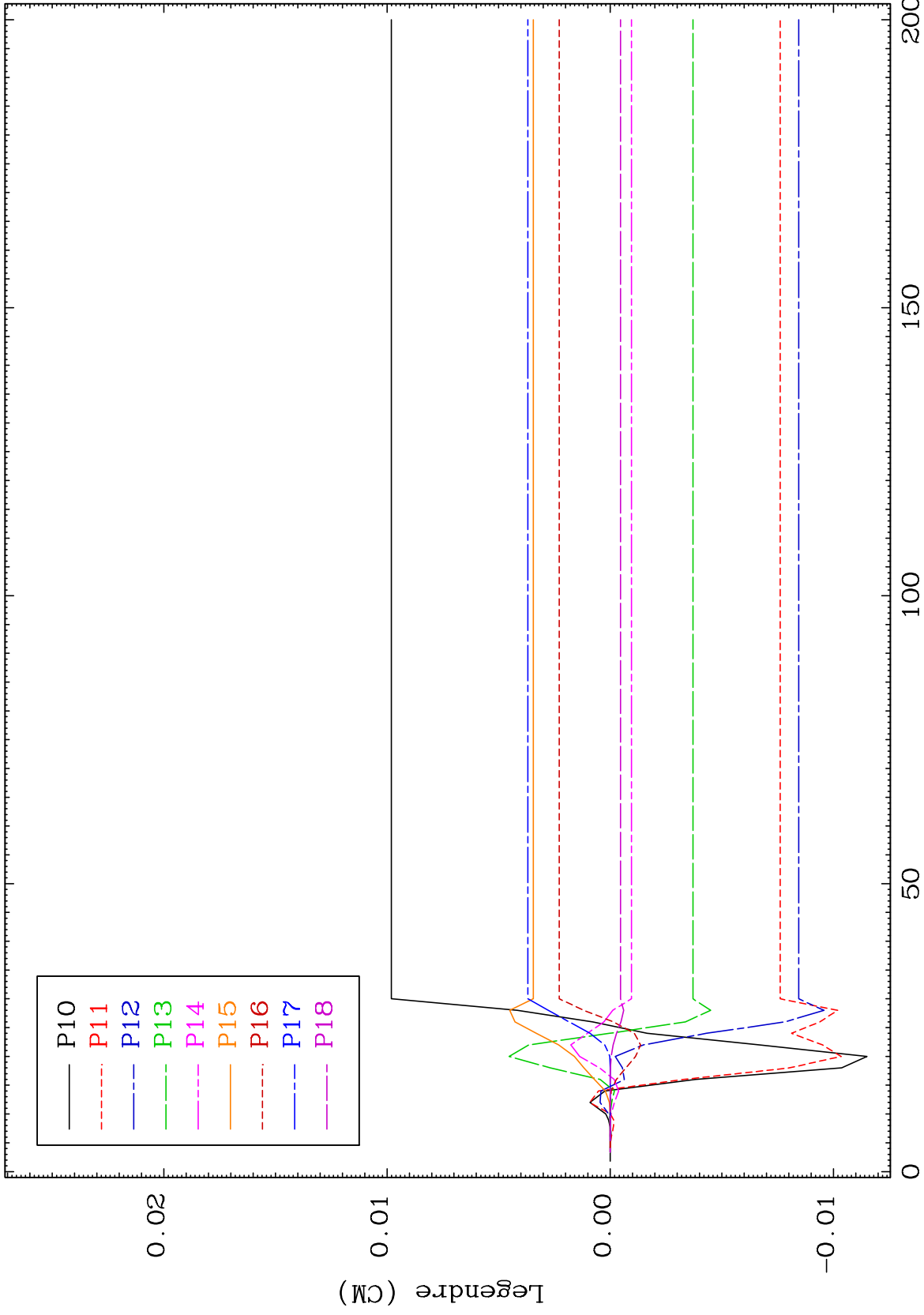
Incident Energy (MeV)

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MAT 6331

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

63-Eu-153



66

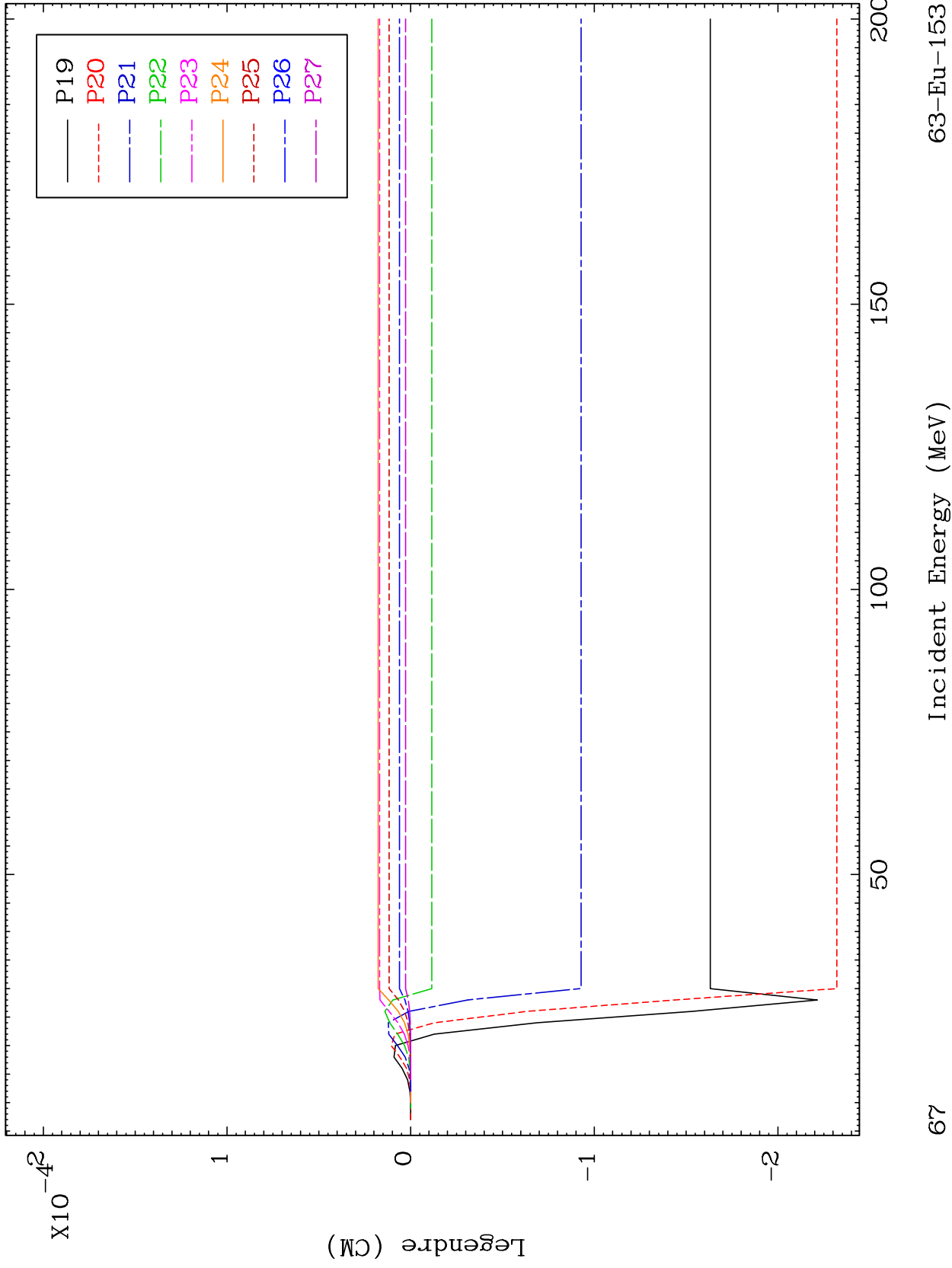
Incident Energy (MeV)

63-Eu-153

MAT 6331

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

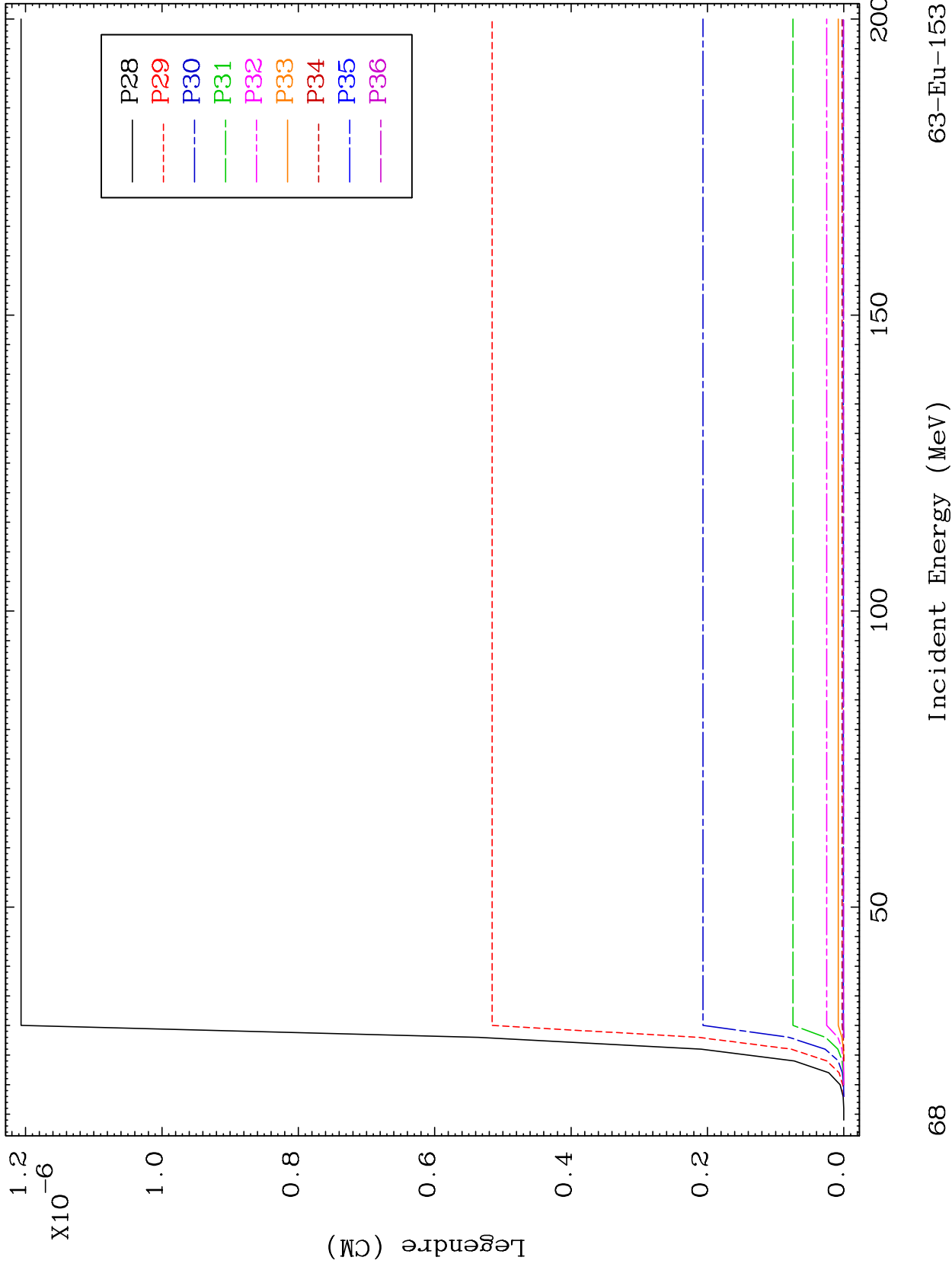
63-Eu-153



MAT 6331

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

63-Eu-153



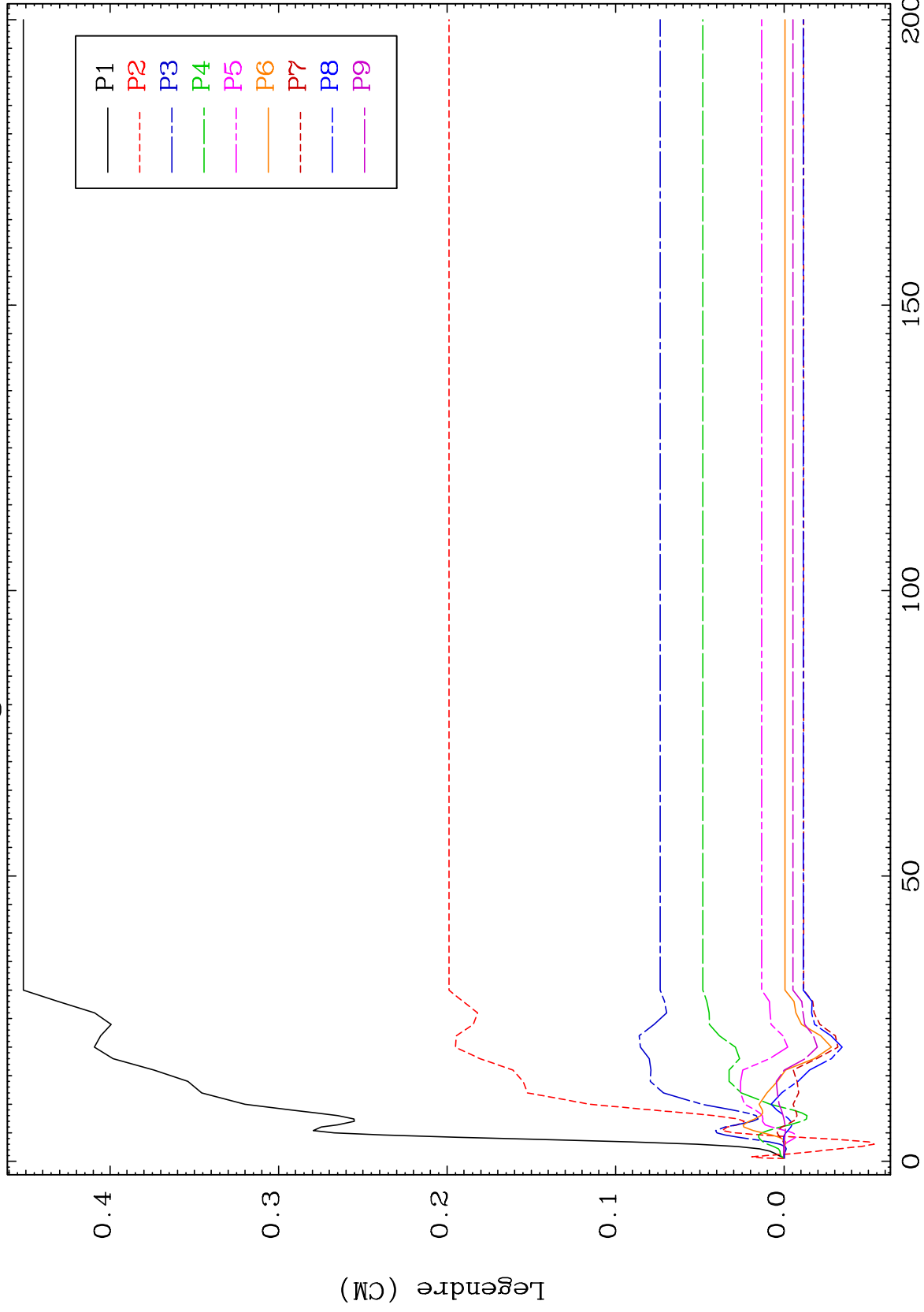
68

63-Eu-153

MAT 6331

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

63-Eu-153



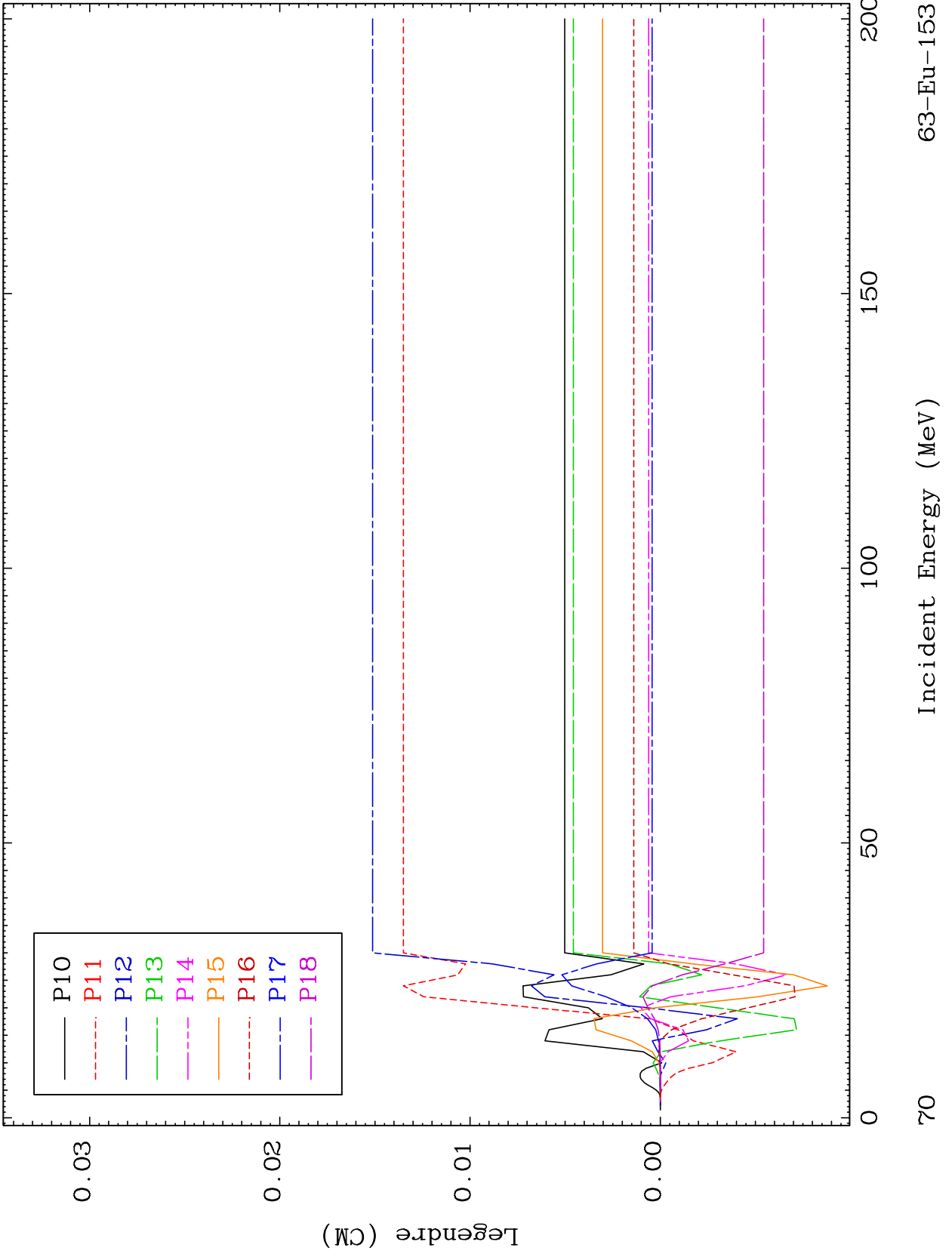
69

63-Eu-153

MAT 6331

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

63-Eu-153



63-Eu-153

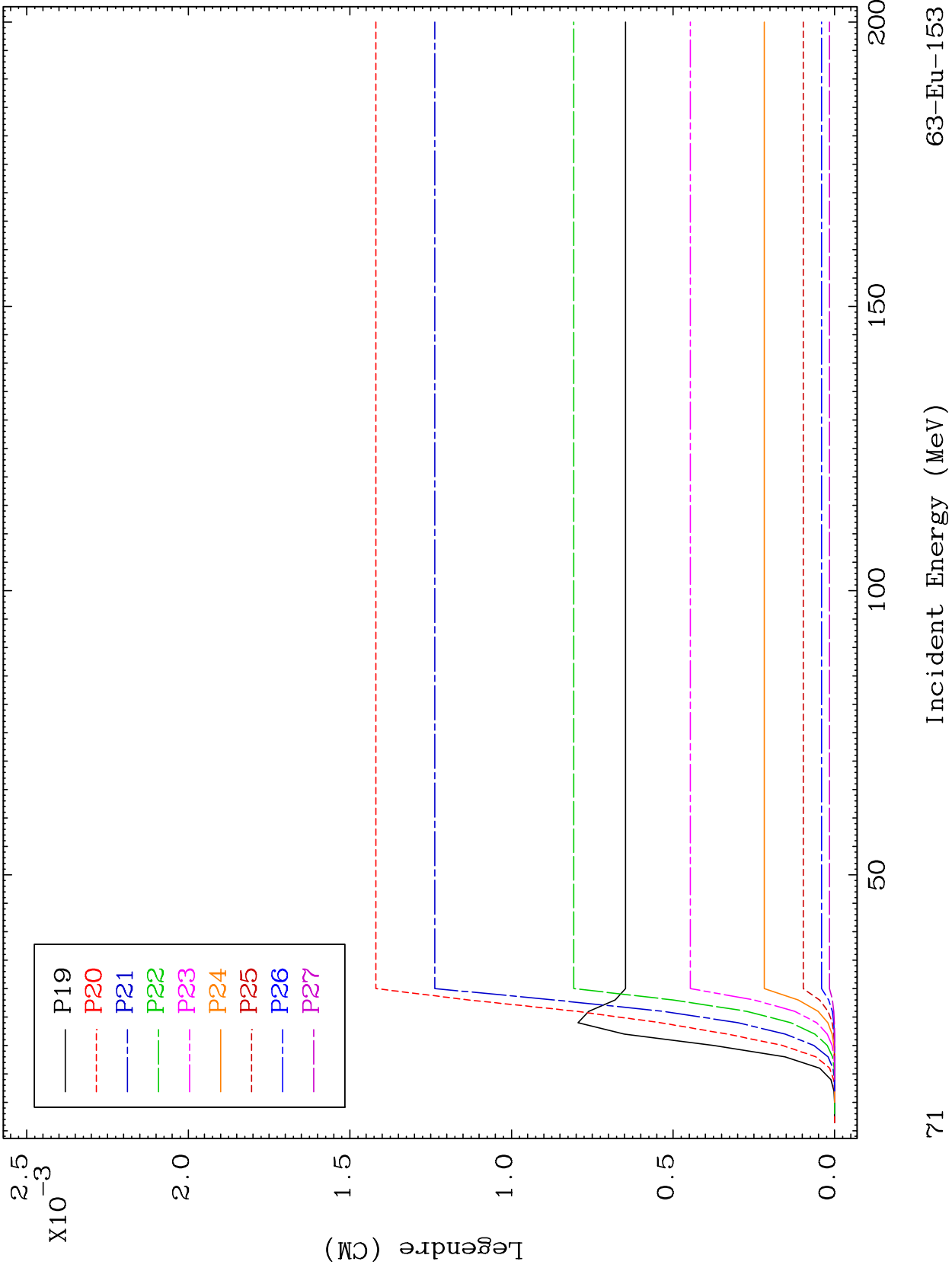
Incident Energy (MeV)

70

MAT 6331

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

63-Eu-153



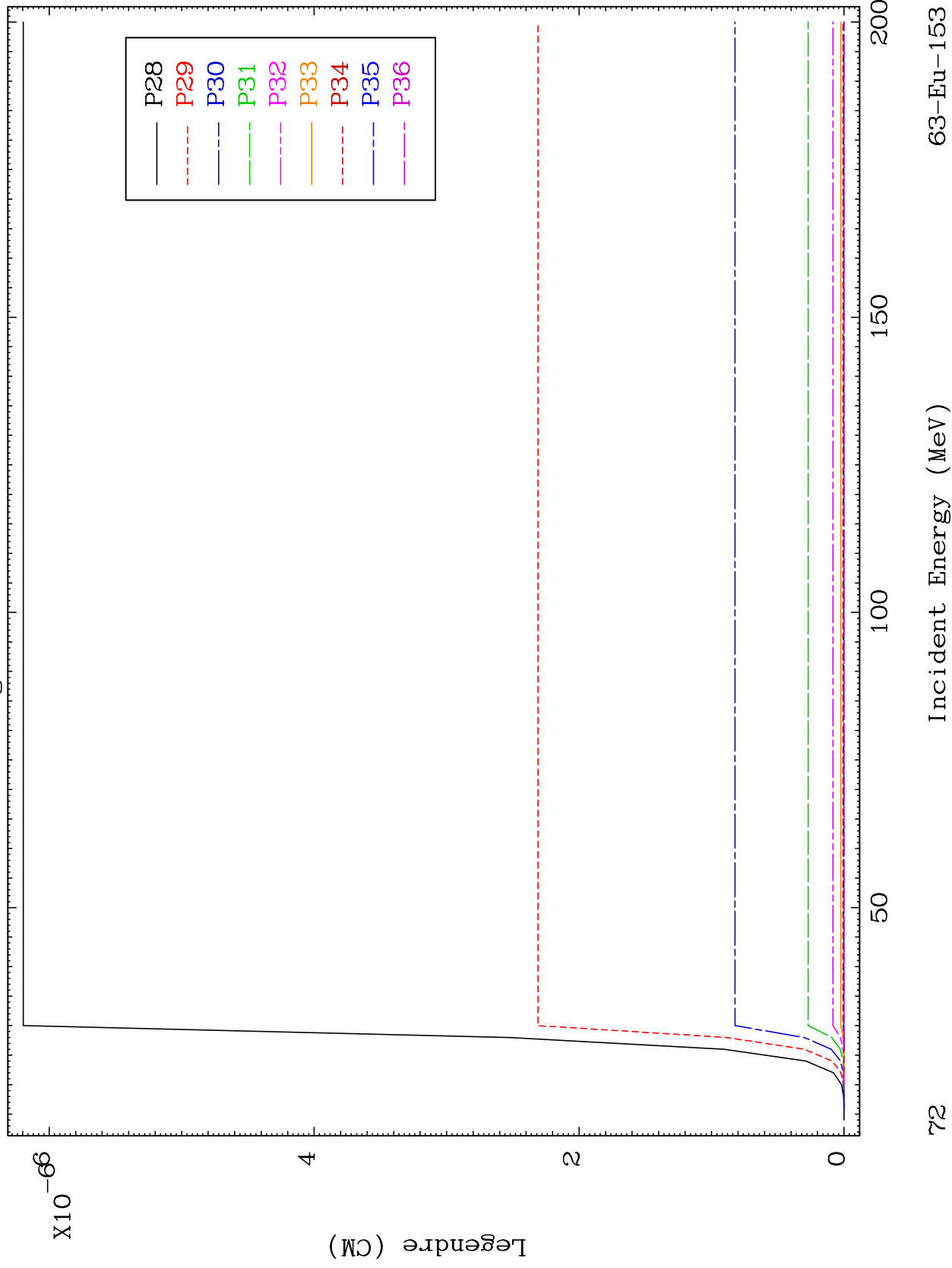
71

63-Eu-153

MAT 6331

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

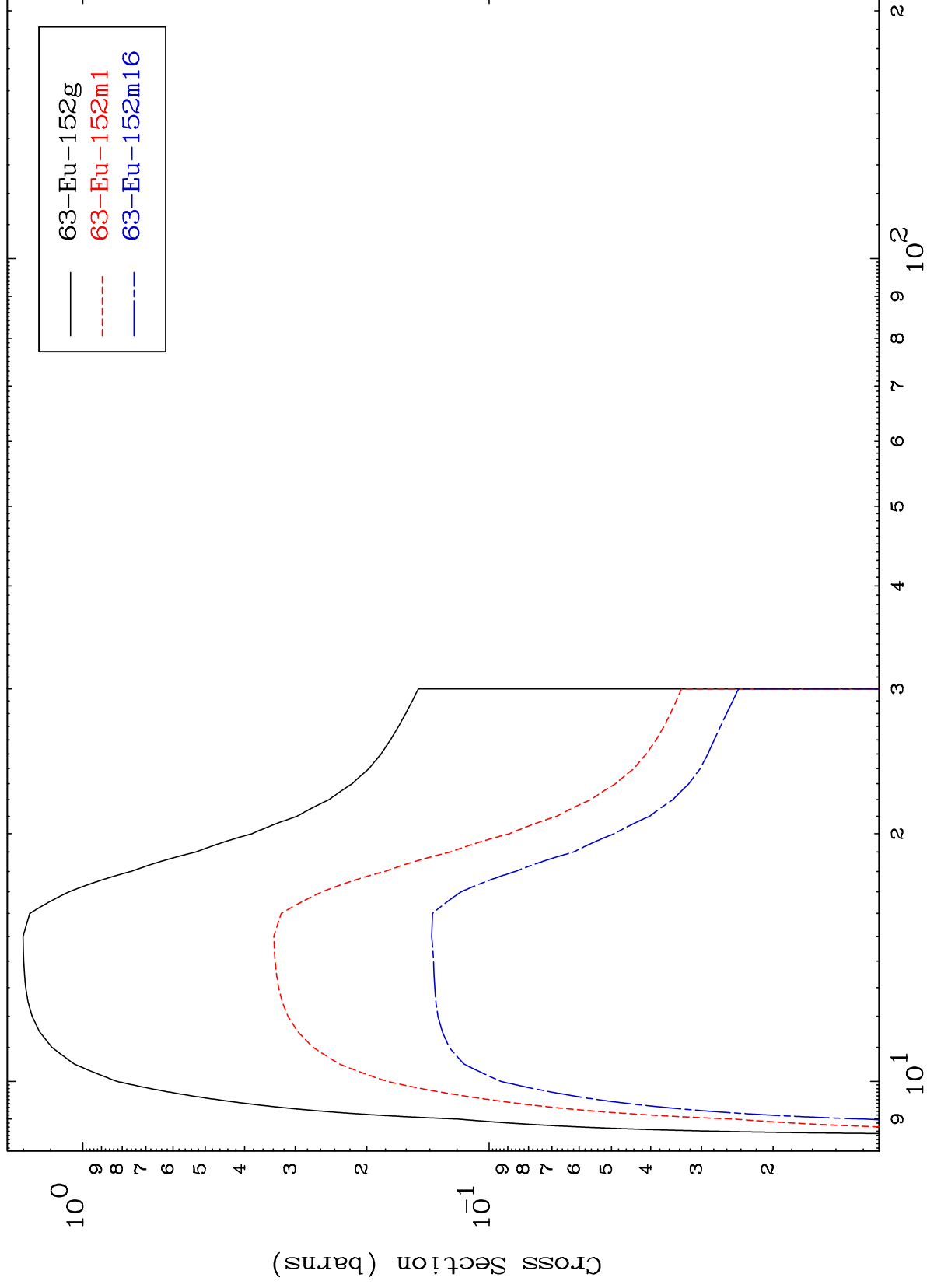
63-Eu-153



MAT 6331

63-Eu-153

(n,2n)
Radionuclide Production Cross Section



73

Incident Energy (MeV)

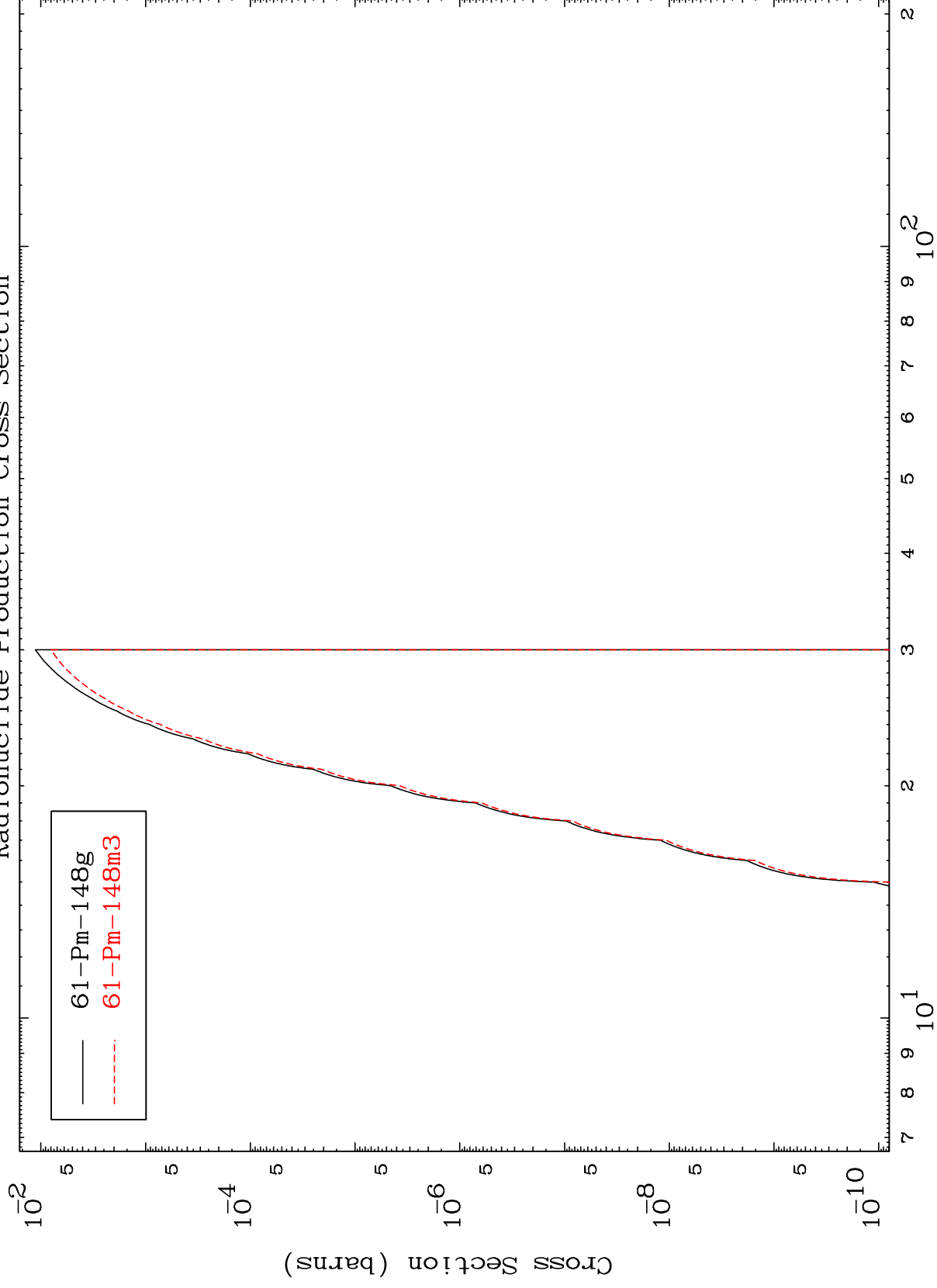
63-Eu-153

MAT 6331

63-Eu-153

(n,2n) α

Radionuclide Production Cross Section



74

Incident Energy (MeV)

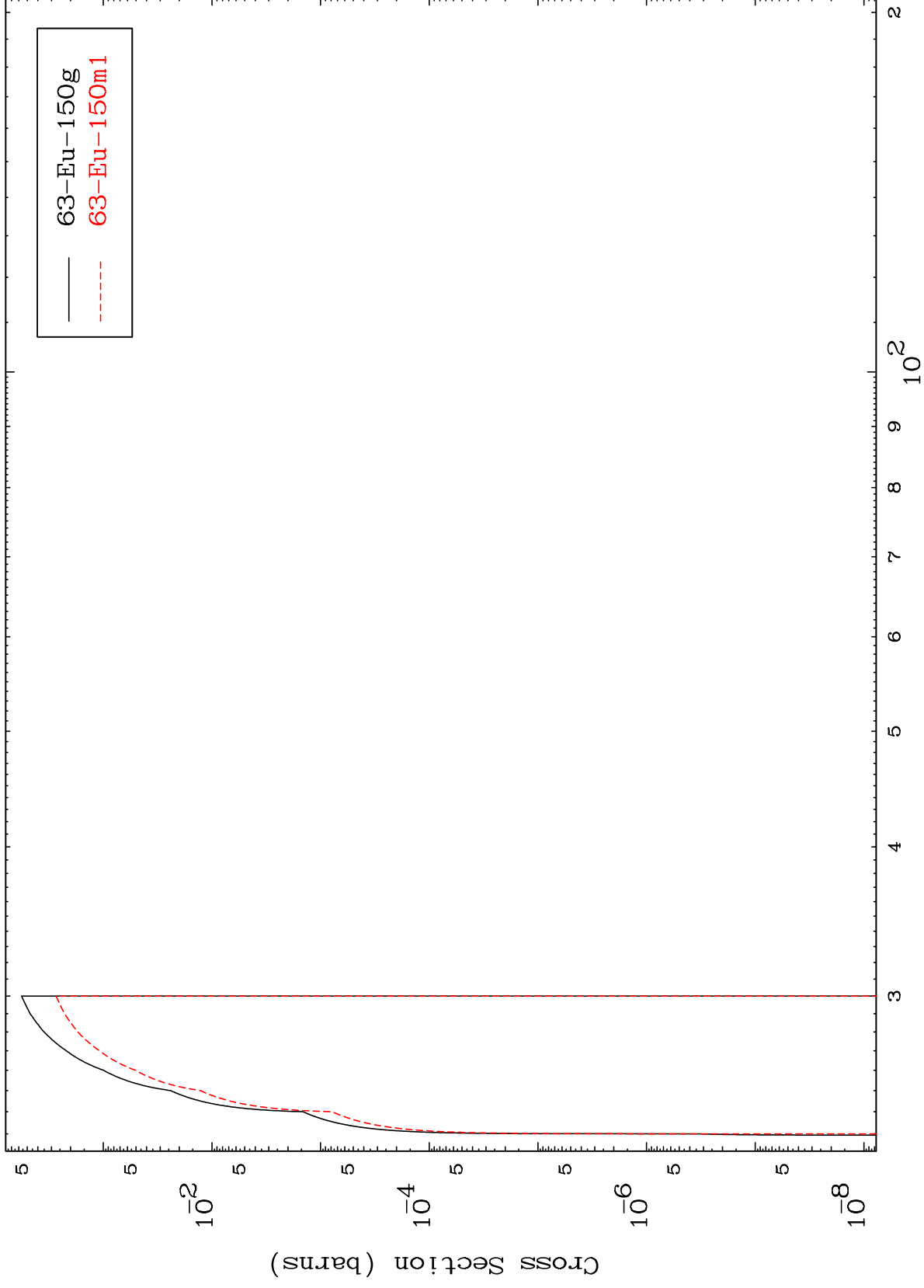
63-Eu-153

MAT 6331

(n,4n)

63-Eu-153

Radionuclide Production Cross Section

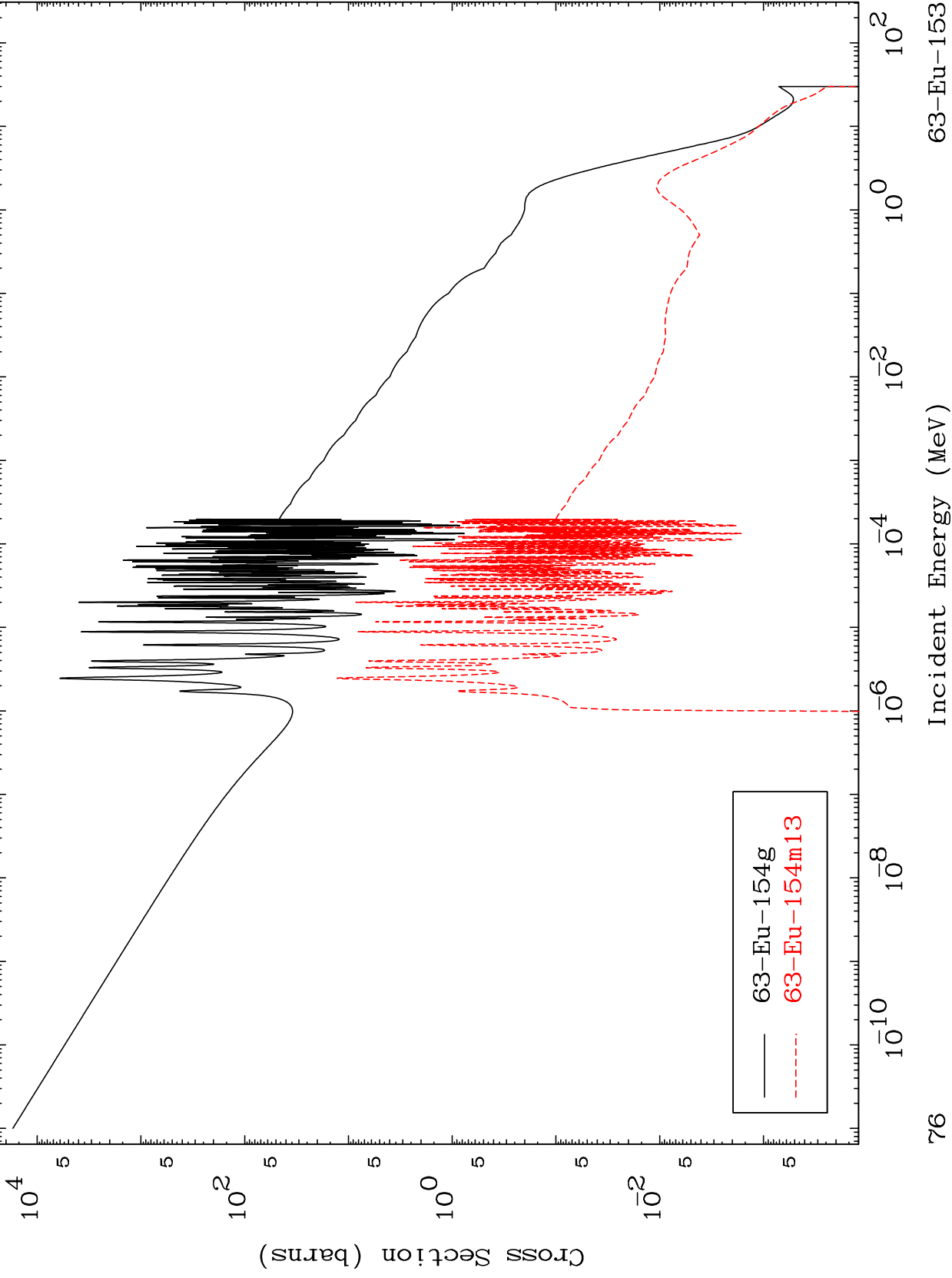


75

Incident Energy (MeV)

63-Eu-153

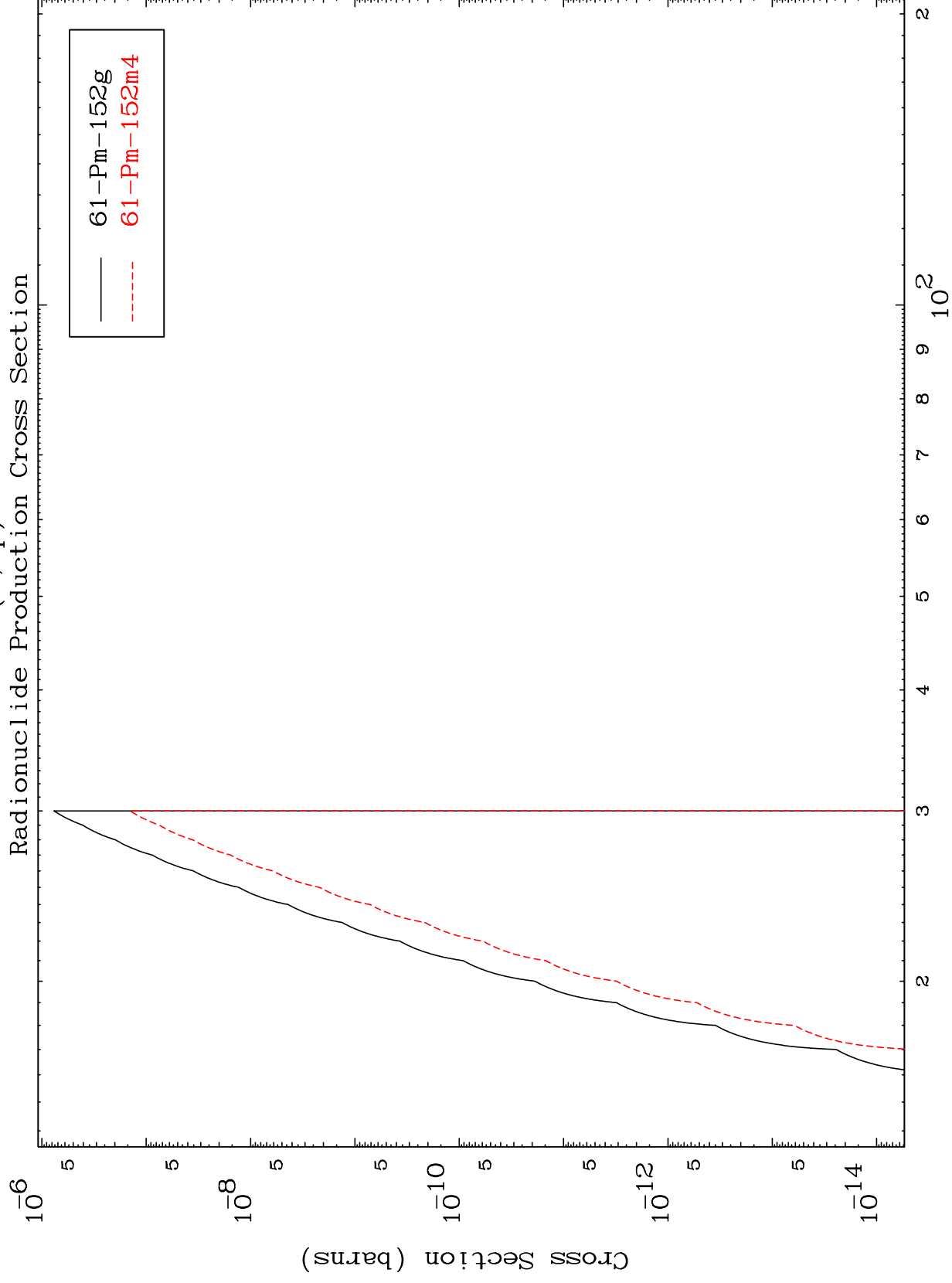
(n, γ)
Radionuclide Production Cross Section



MAT 6331

(n,2p)

63-Eu-153



77

Incident Energy (MeV)

63-Eu-153