

Program EVALPLOT
(Version 2021-1)

by

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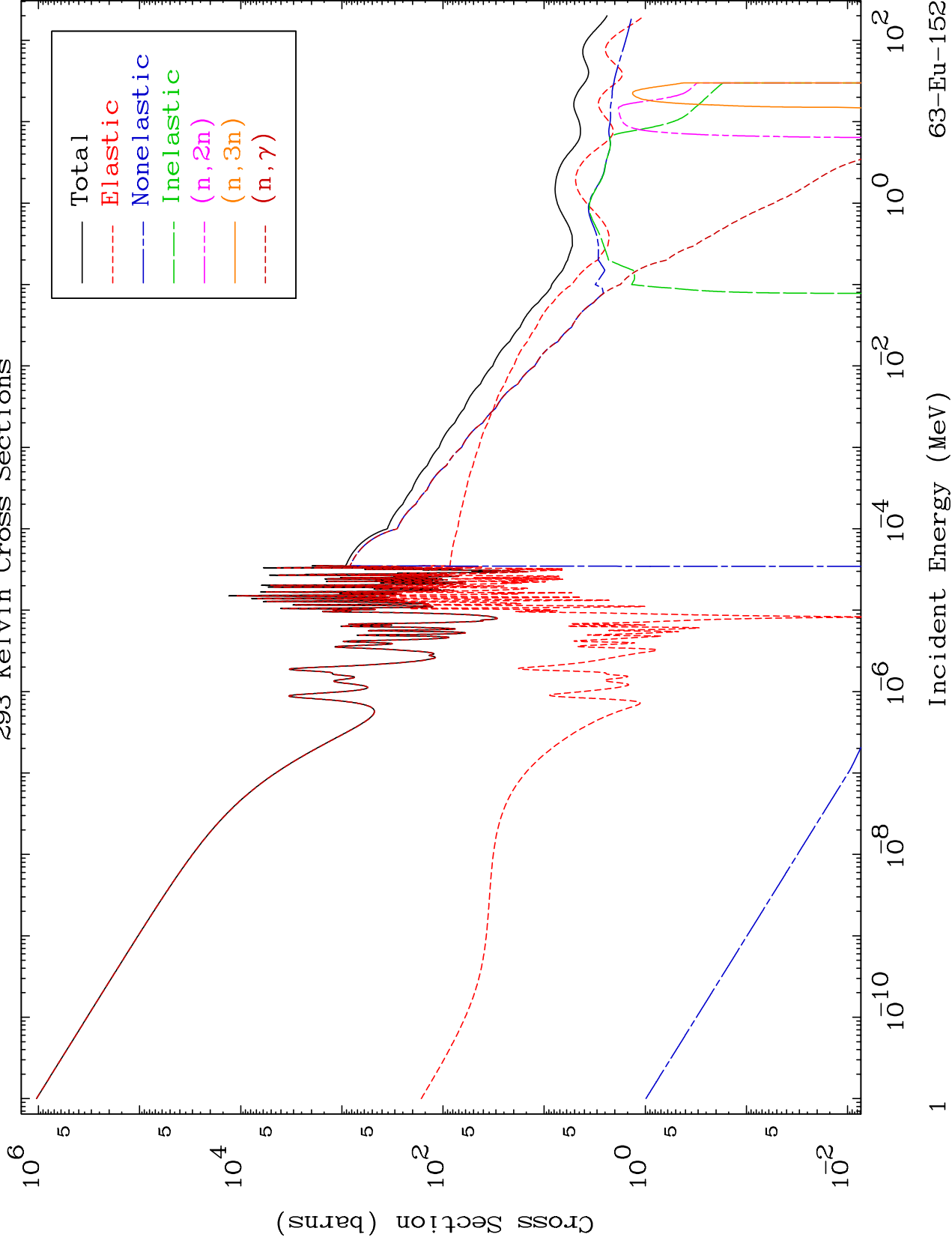
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Press Mouse Button to Start

MAT 6328

Neutron Major
293 Kelvin Cross Sections

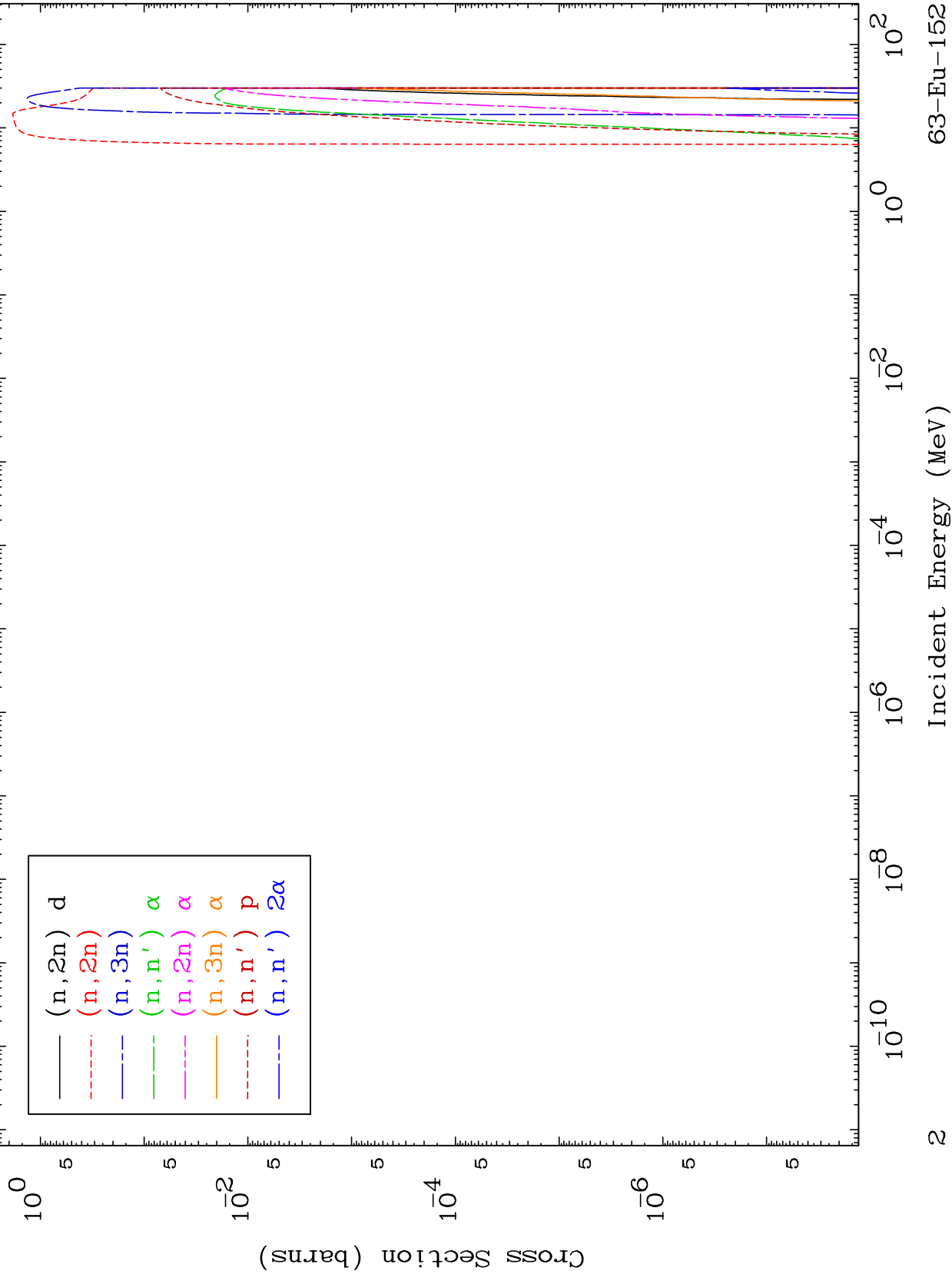
63-Eu-152



MAT 6328

Neutron Absorption
293 Kelvin Cross Sections

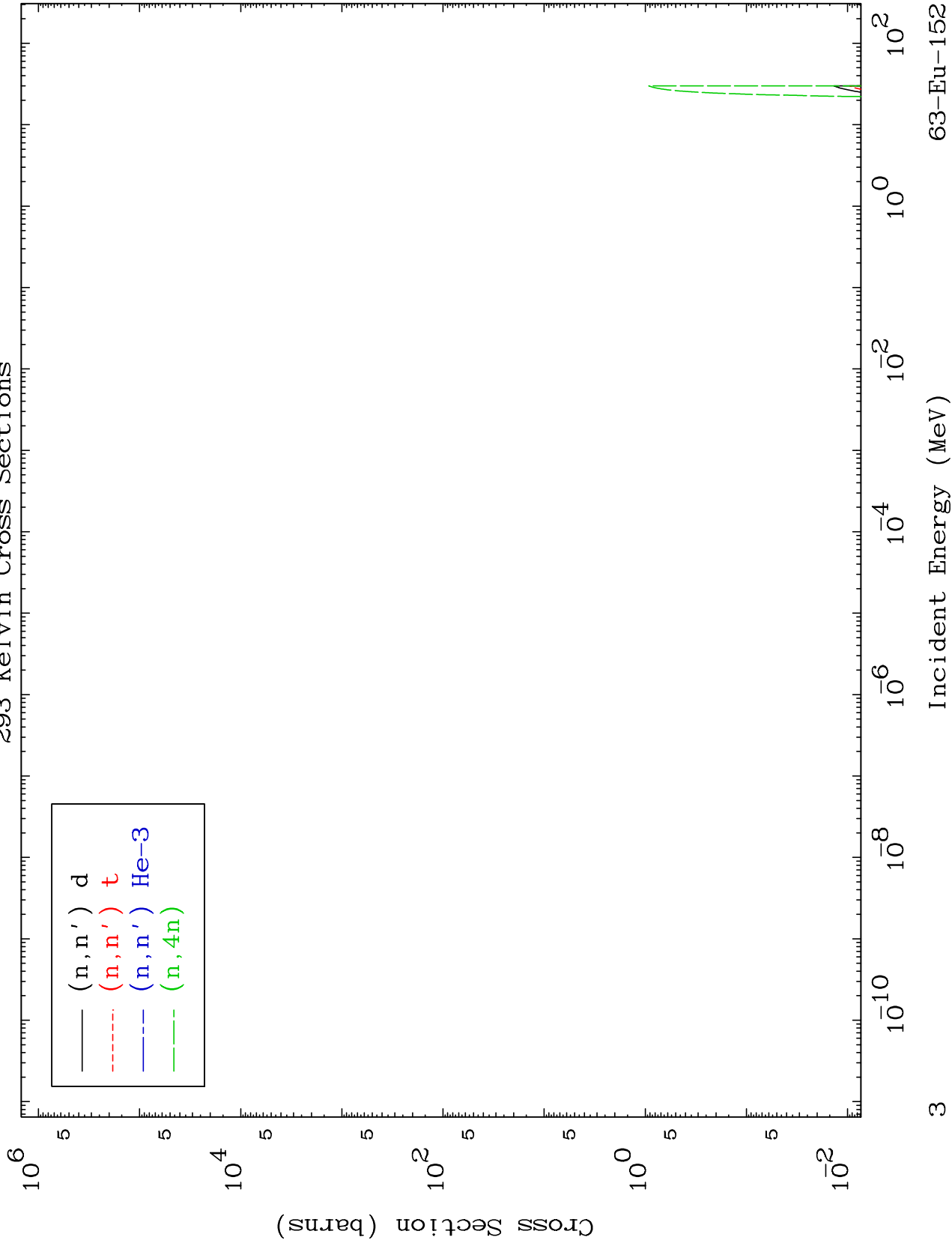
63-Eu-152



MAT 6328

Neutron Absorption
293 Kelvin Cross Sections

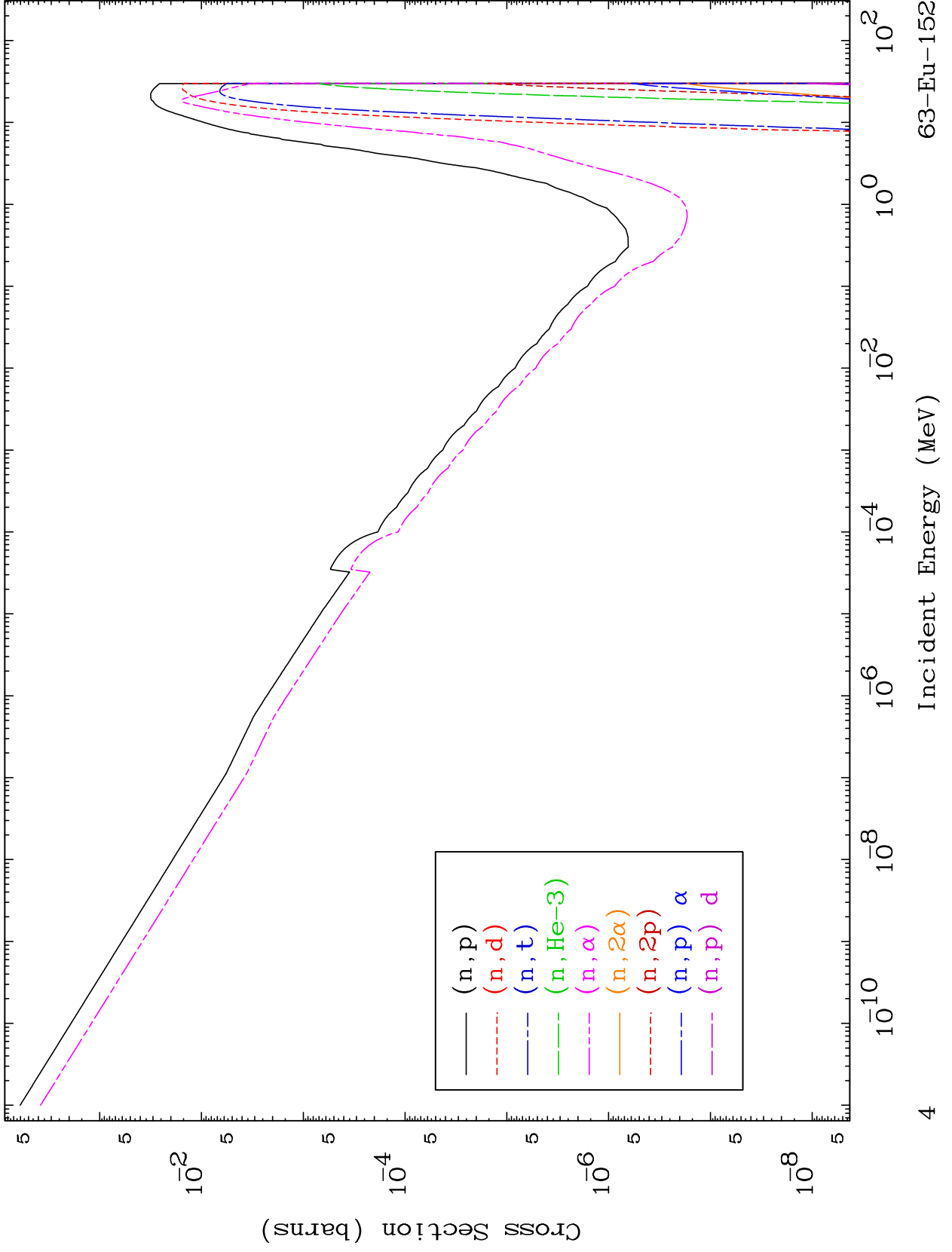
63-Eu-152



MAT 6328

Neutron Absorption
293 Kelvin Cross Sections

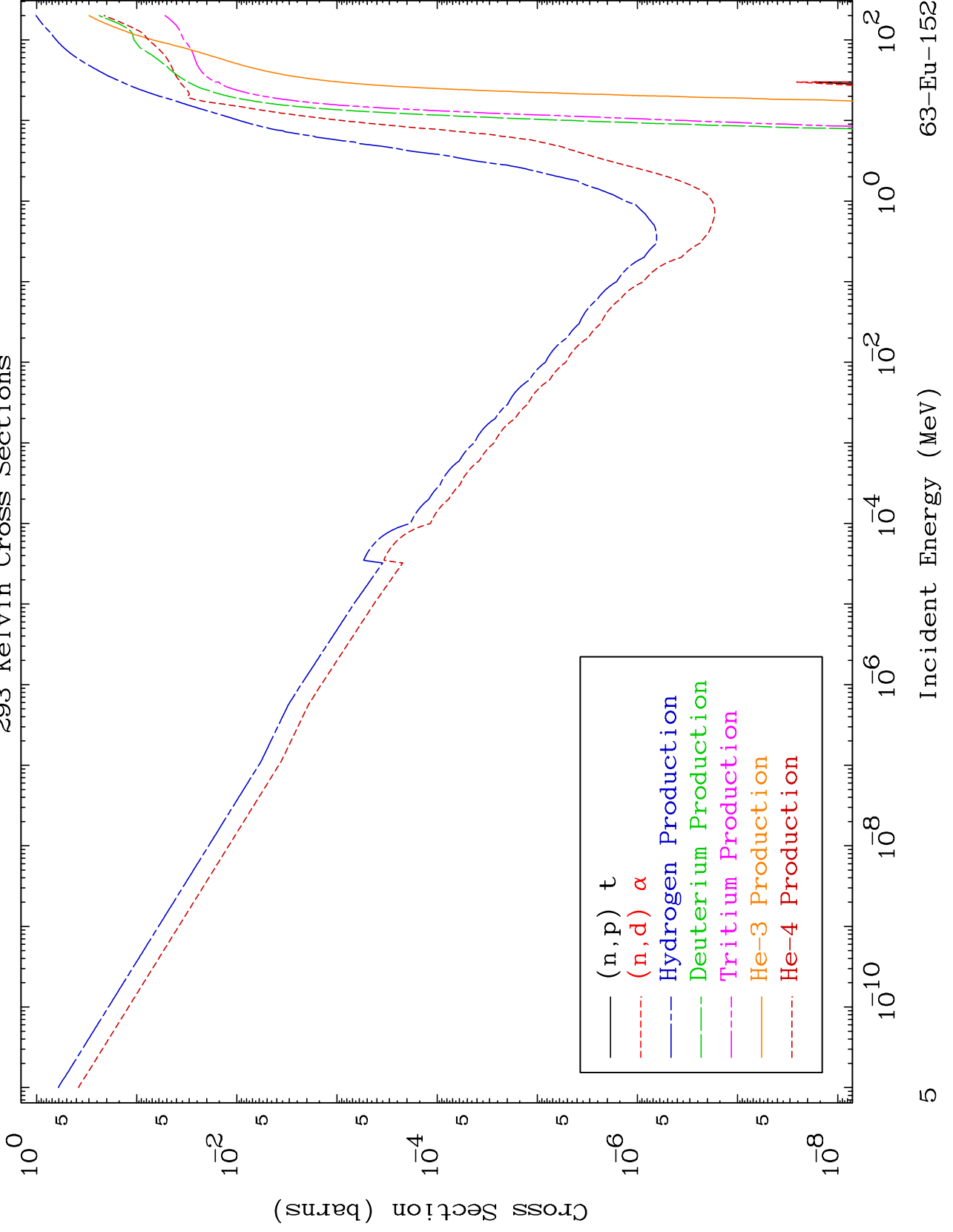
63-Eu-152



MAT 6328

Neutron Absorption
293 Kelvin Cross Sections

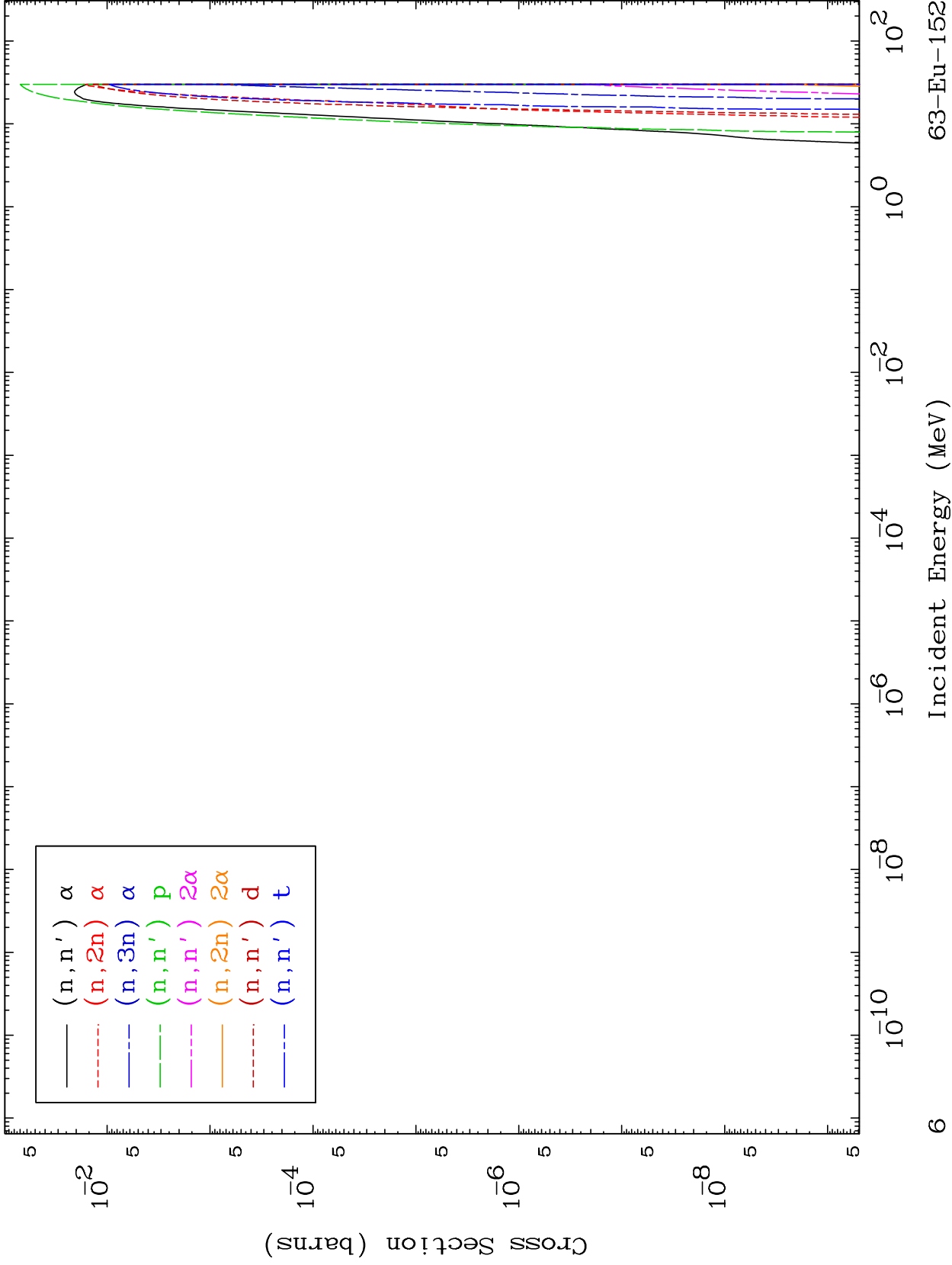
63-Eu-152



MAT 6328

Charged Particle
293 Kelvin Cross Sections

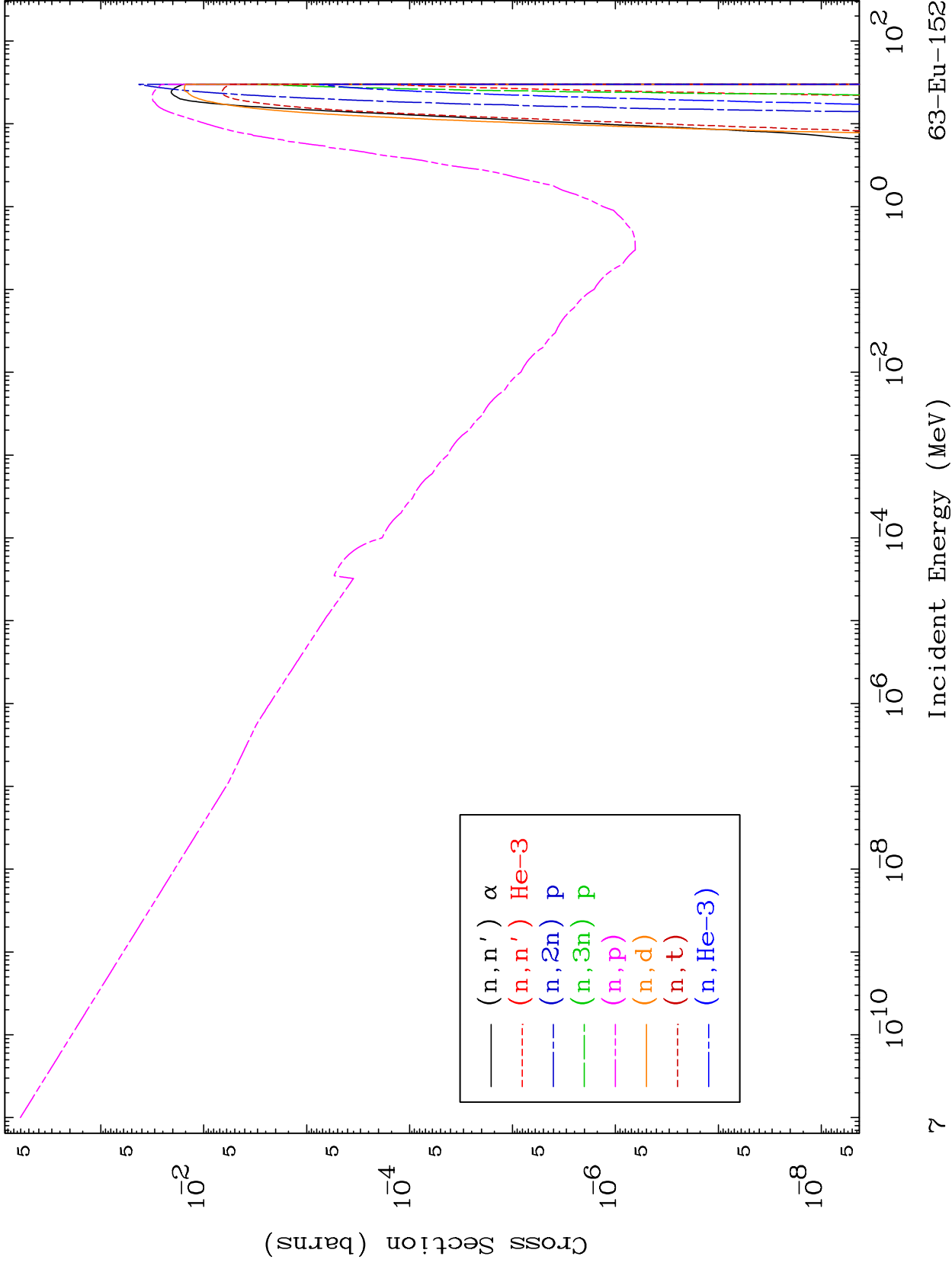
63-Eu-152



MAT 6328

Charged Particle
293 Kelvin Cross Sections

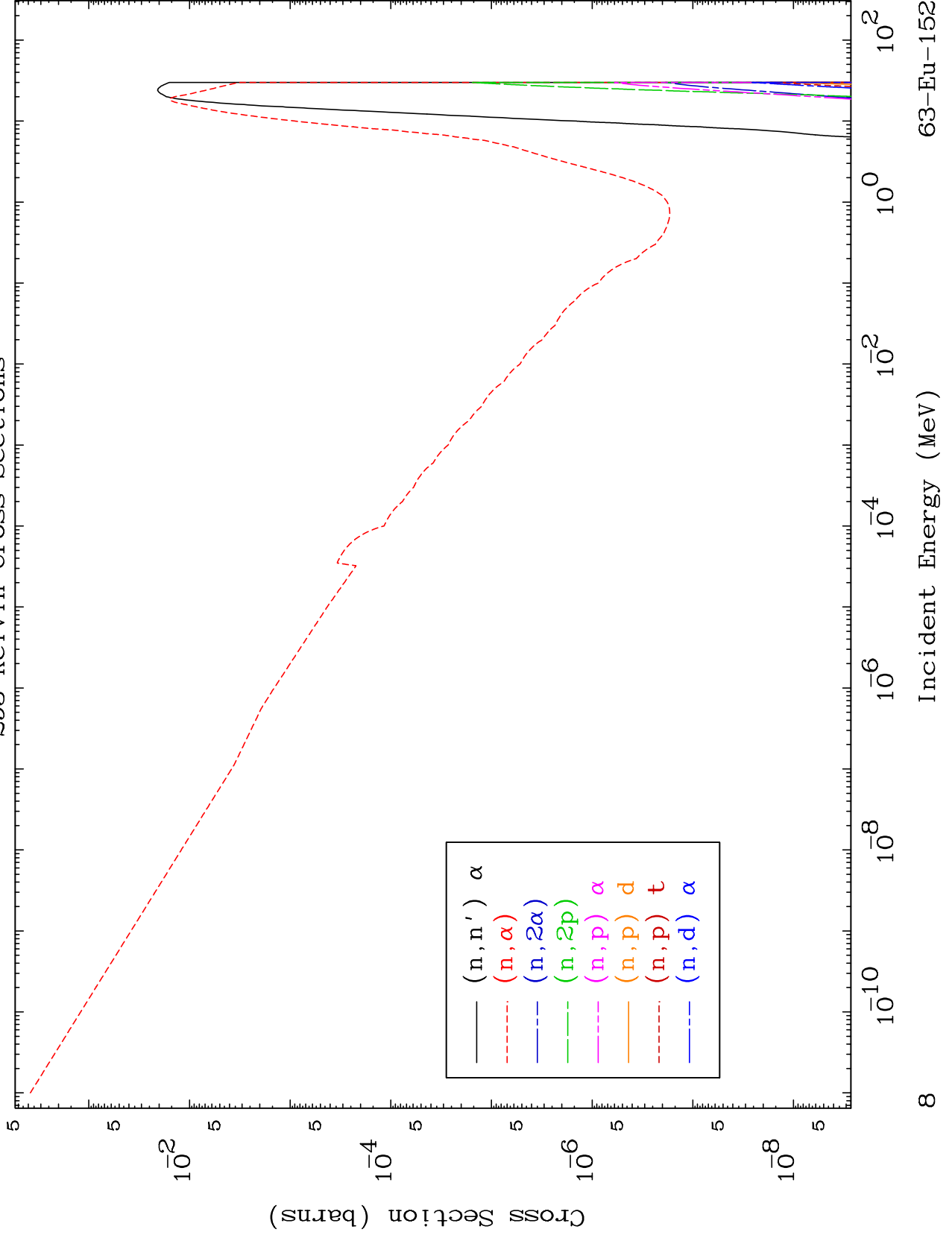
63-Eu-152

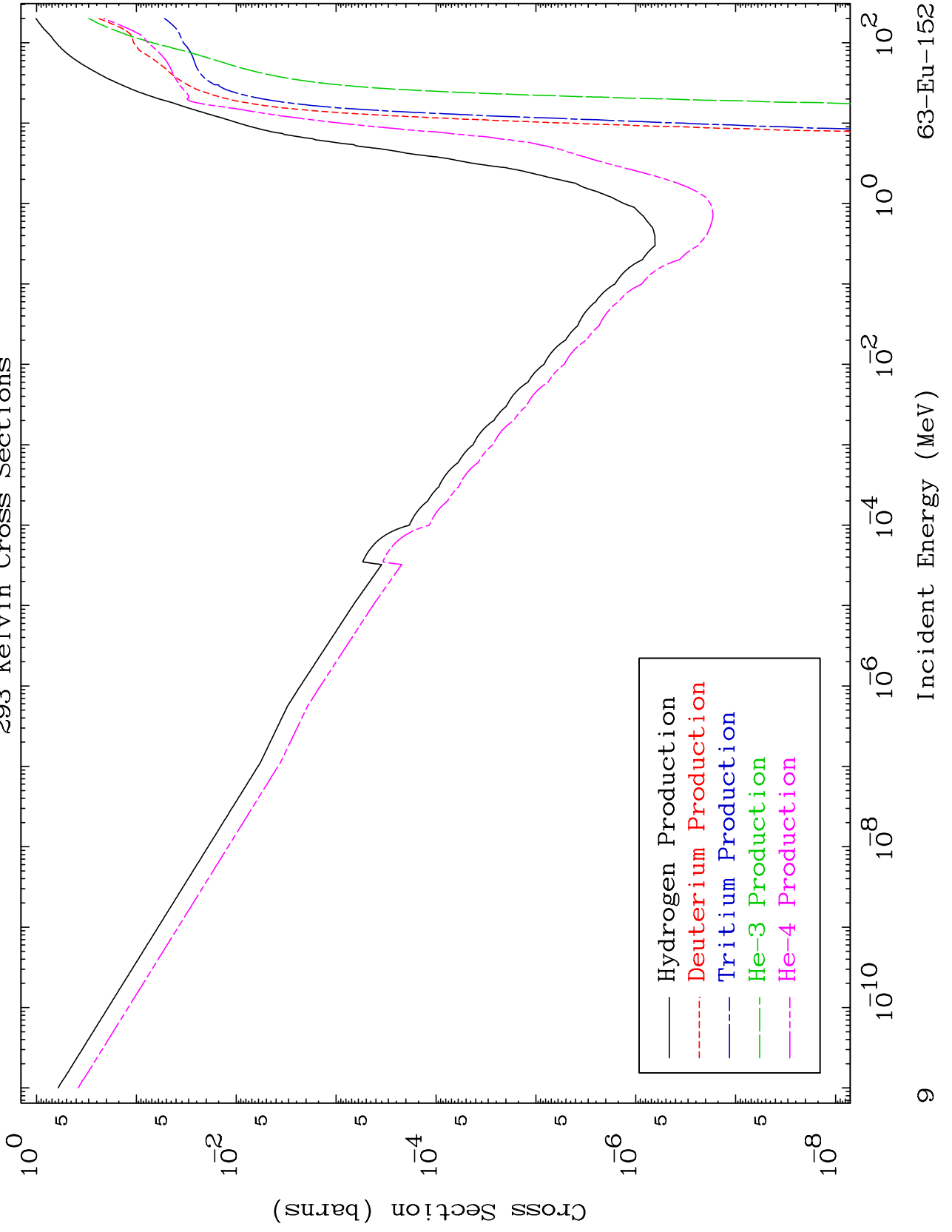


MAT 6328

Charged Particle
293 Kelvin Cross Sections

63-Eu-152



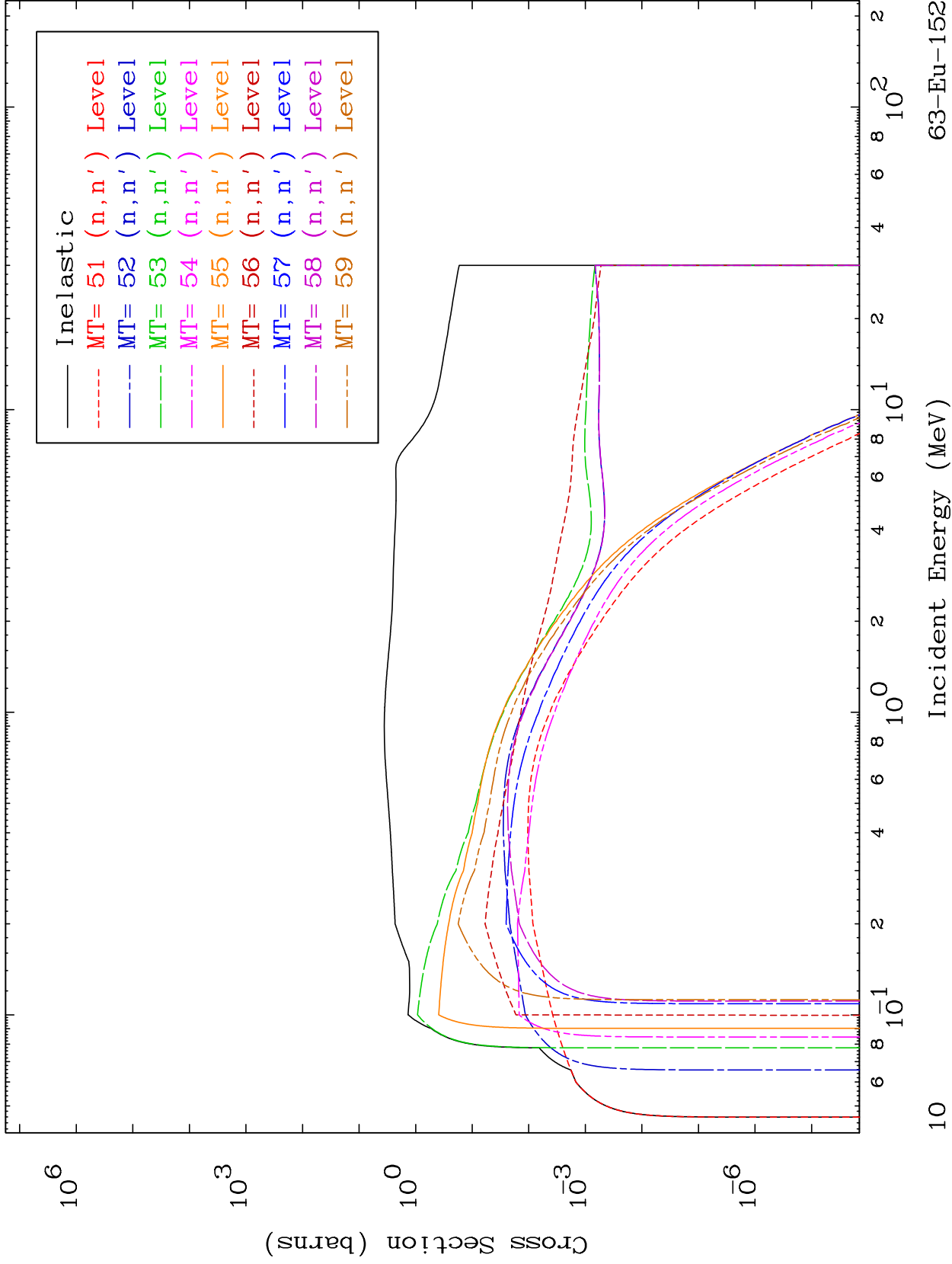


MAT 6328

(n,n') Levels

293 Kelvin Cross Sections

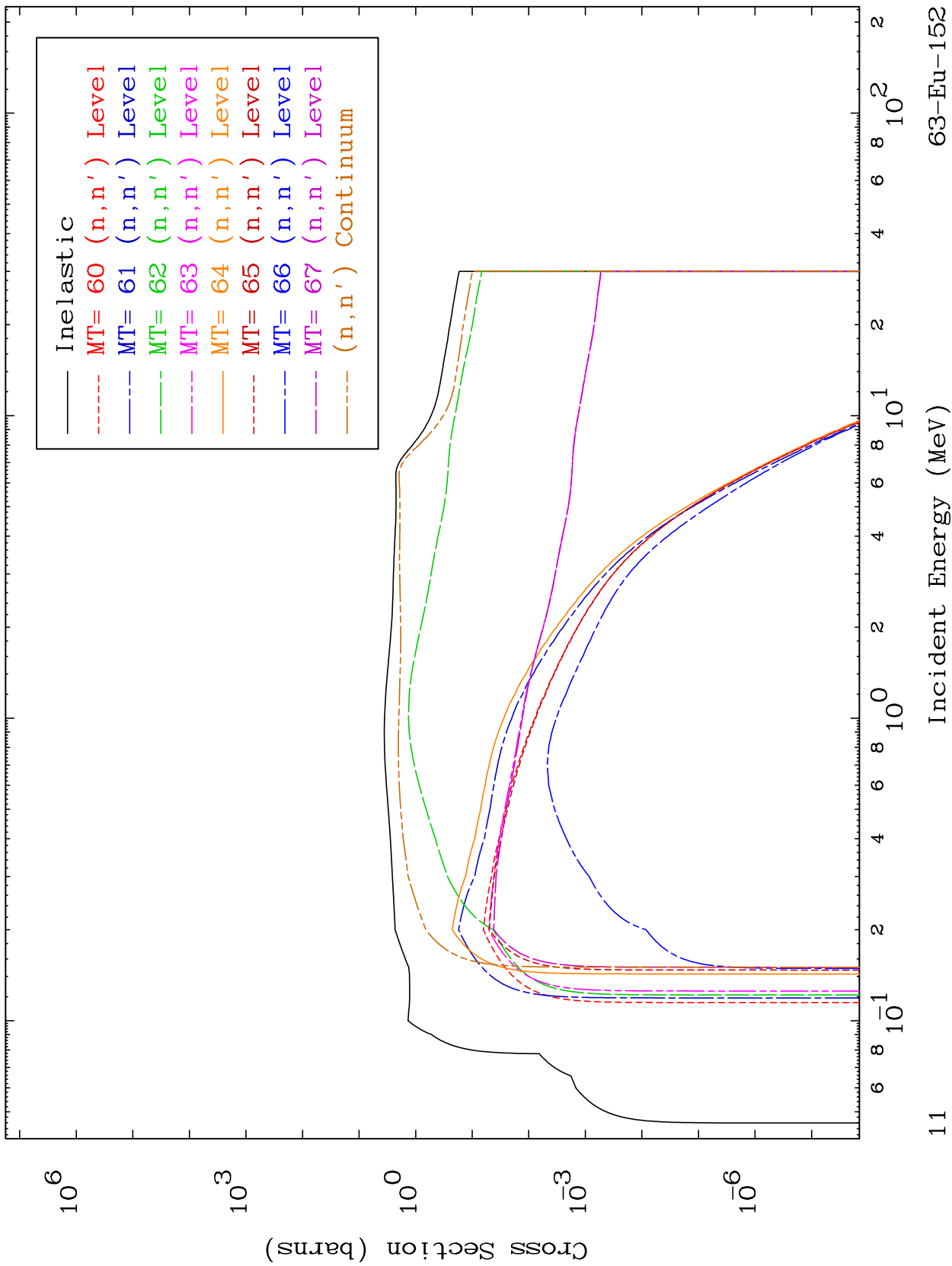
63-Eu-152



10

Incident Energy (MeV)

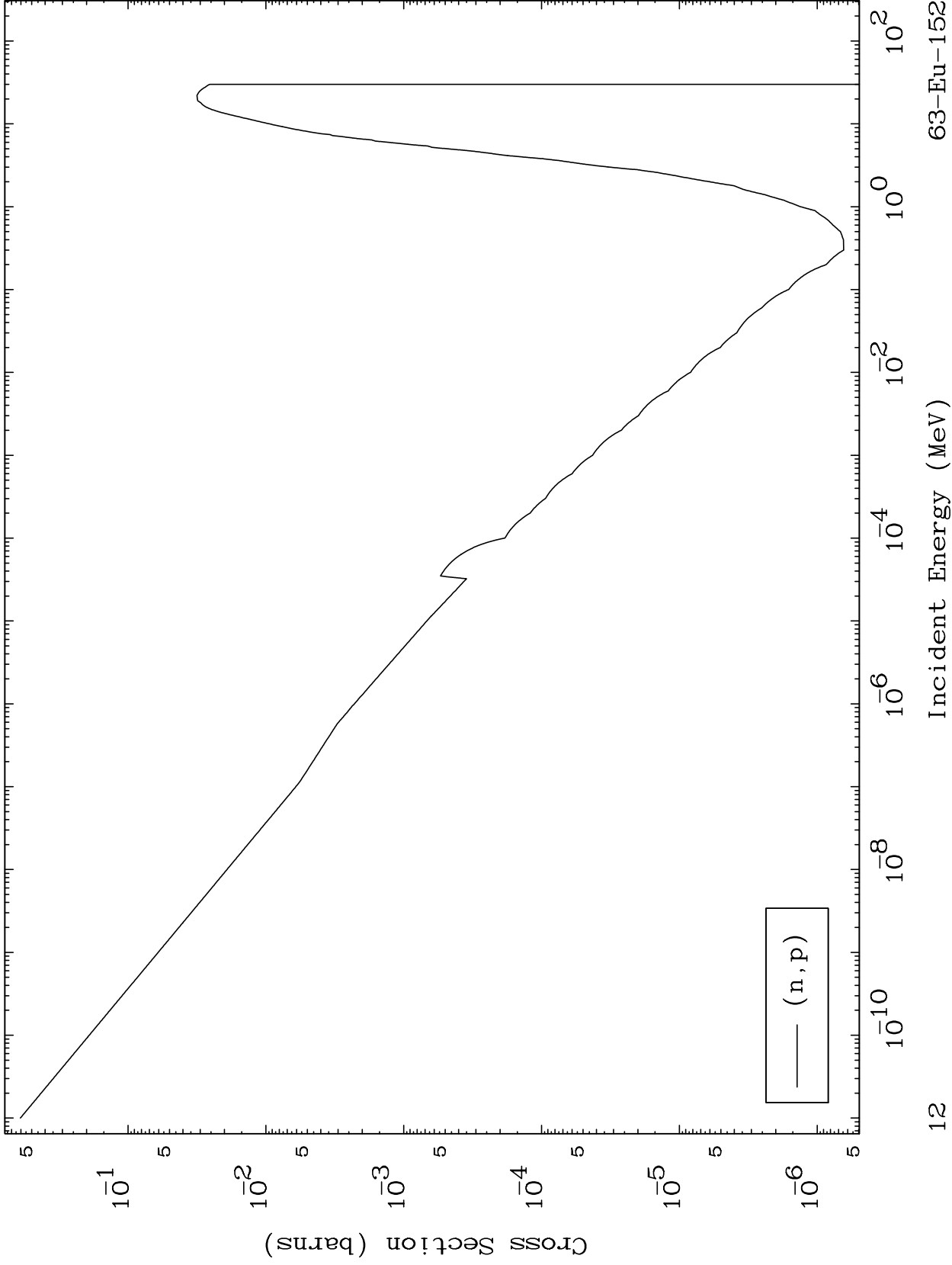
63-Eu-152



MAT 6328

(n,p) Levels
293 Kelvin Cross Sections

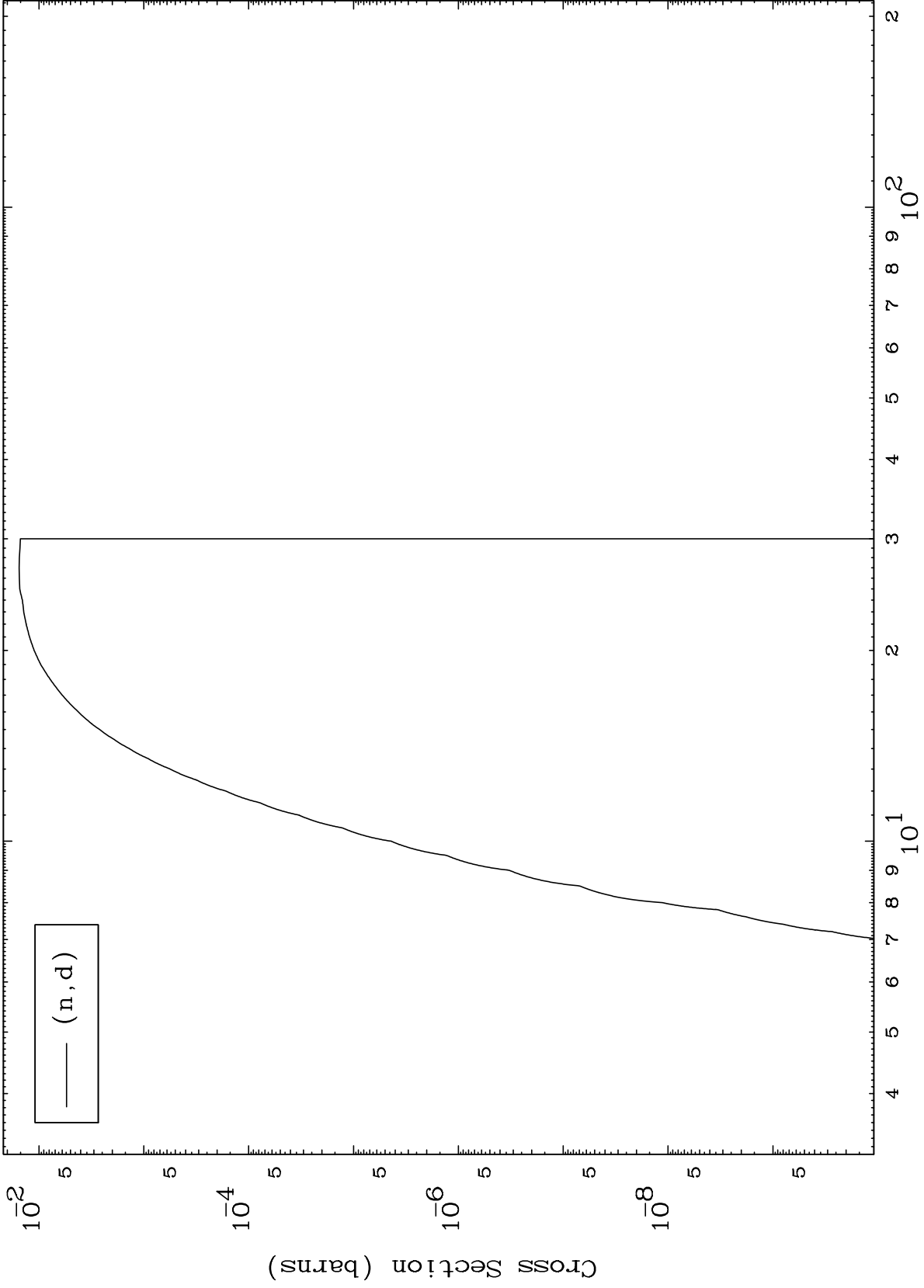
63-Eu-152



MAT 6328

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-152



13

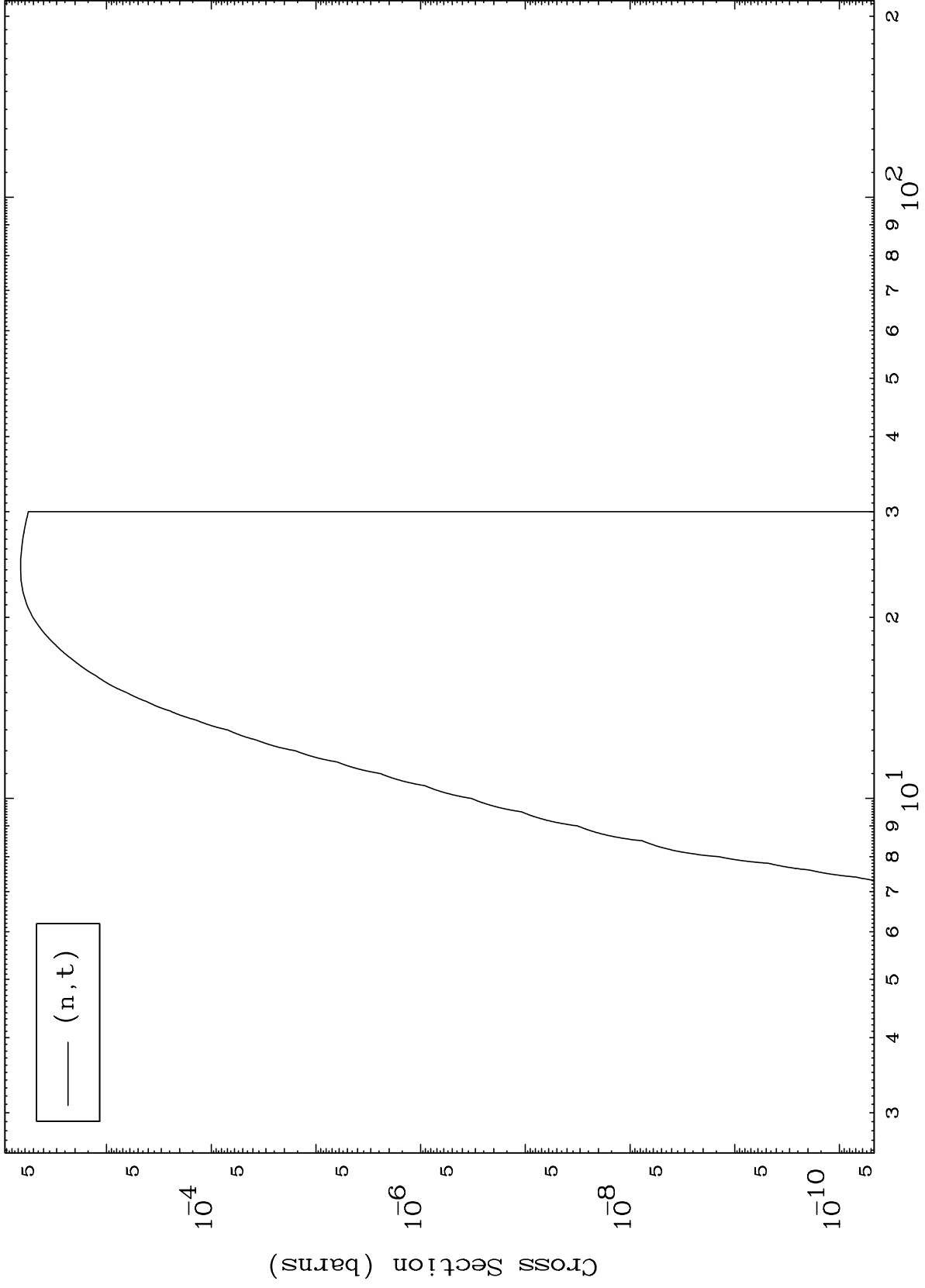
Incident Energy (MeV)

63-Eu-152

MAT 6328

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-152



14

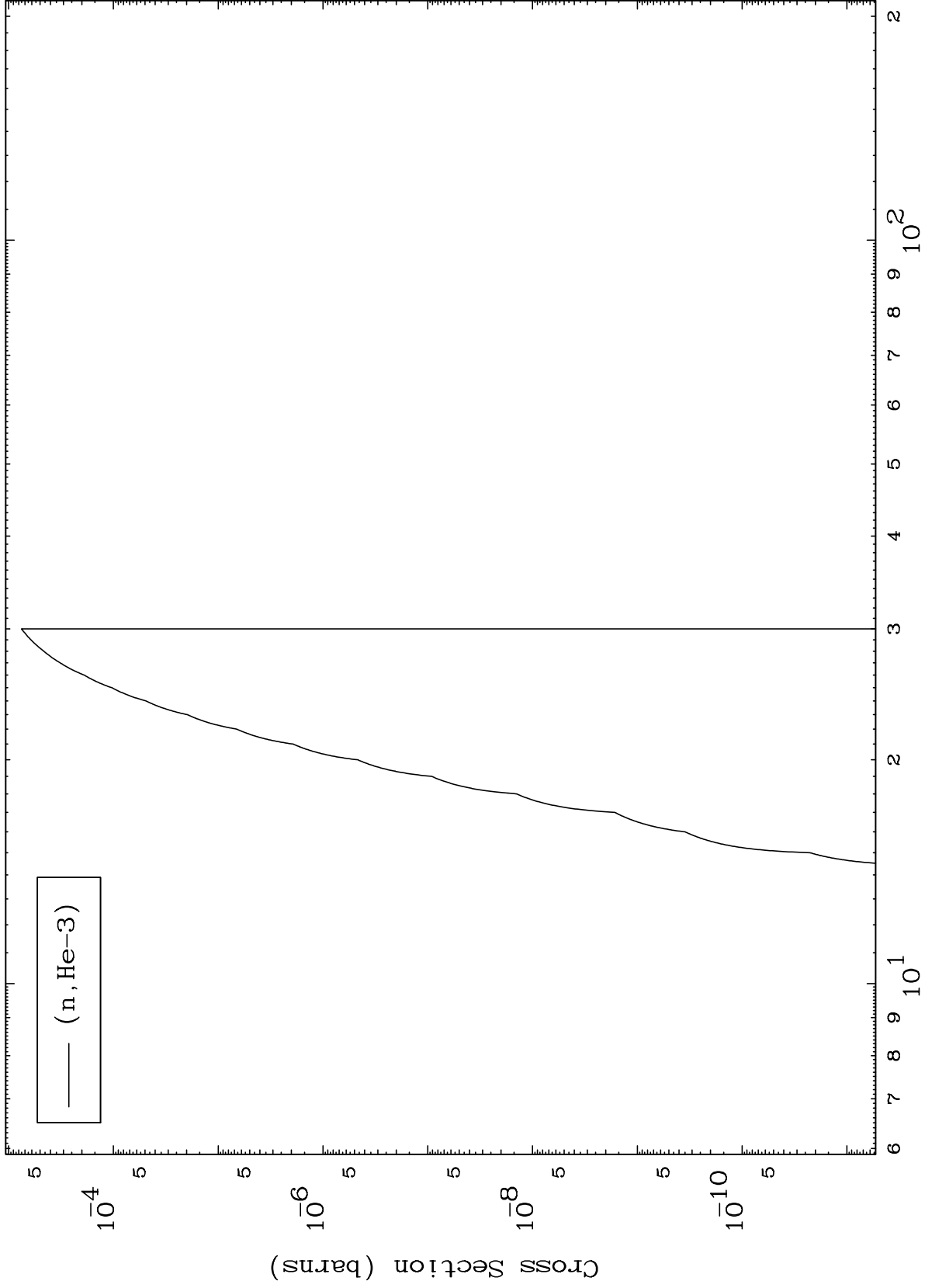
Incident Energy (MeV)

63-Eu-152

MAT 6328

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-152



15

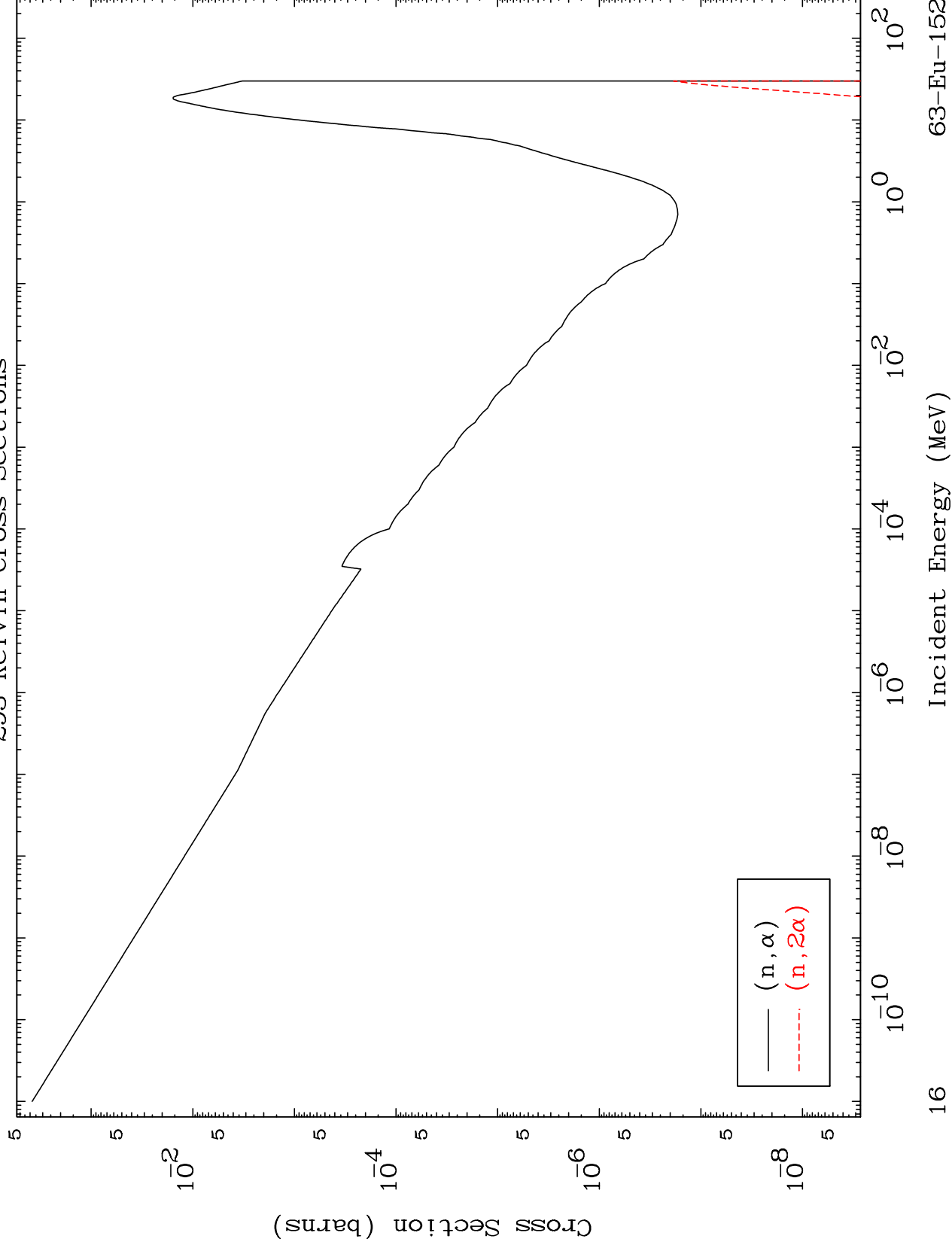
Incident Energy (MeV)

63-Eu-152

MAT 6328

(n,α) Levels
293 Kelvin Cross Sections

63-Eu-152



16

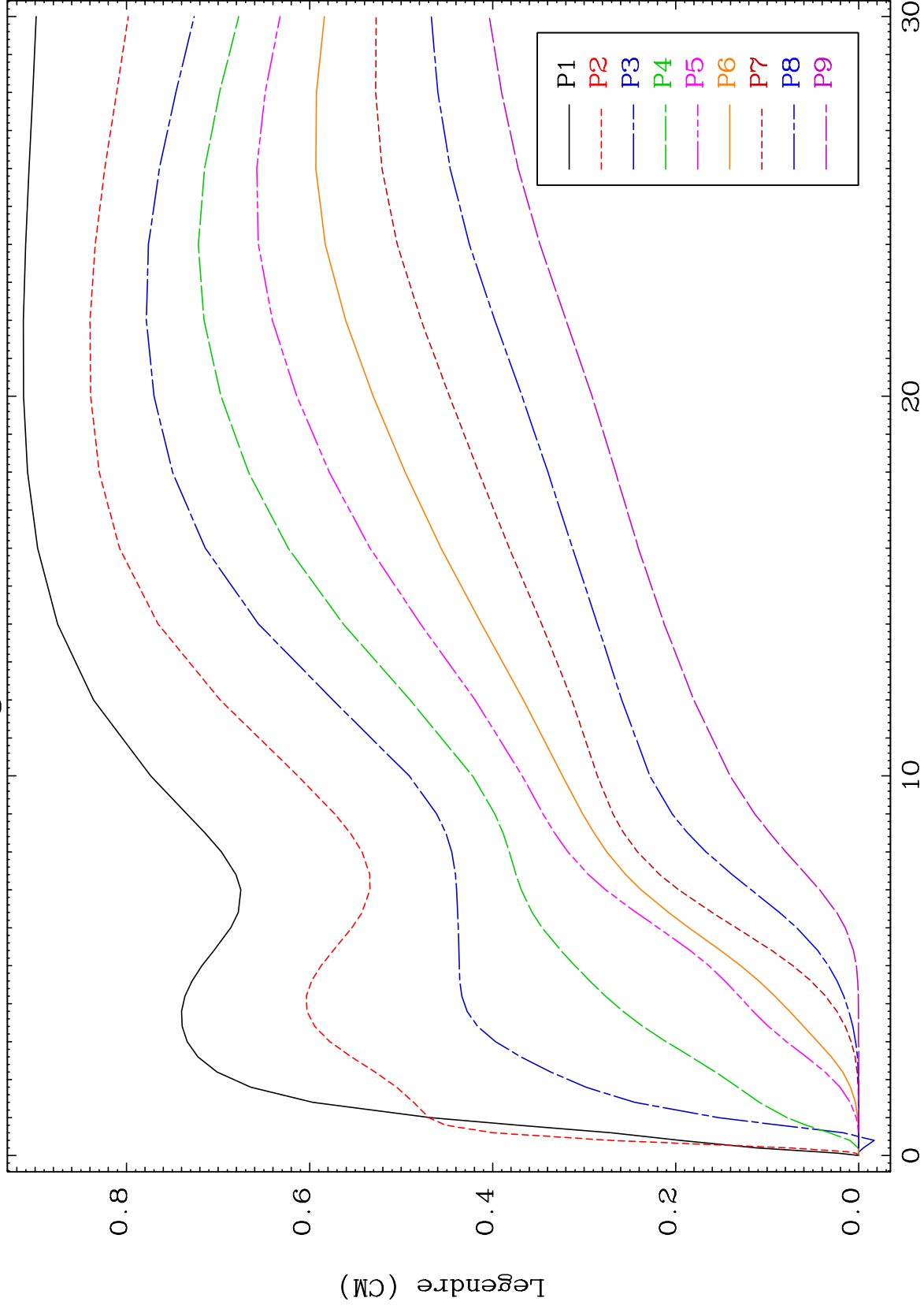
Incident Energy (MeV)

63-Eu-152

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



17

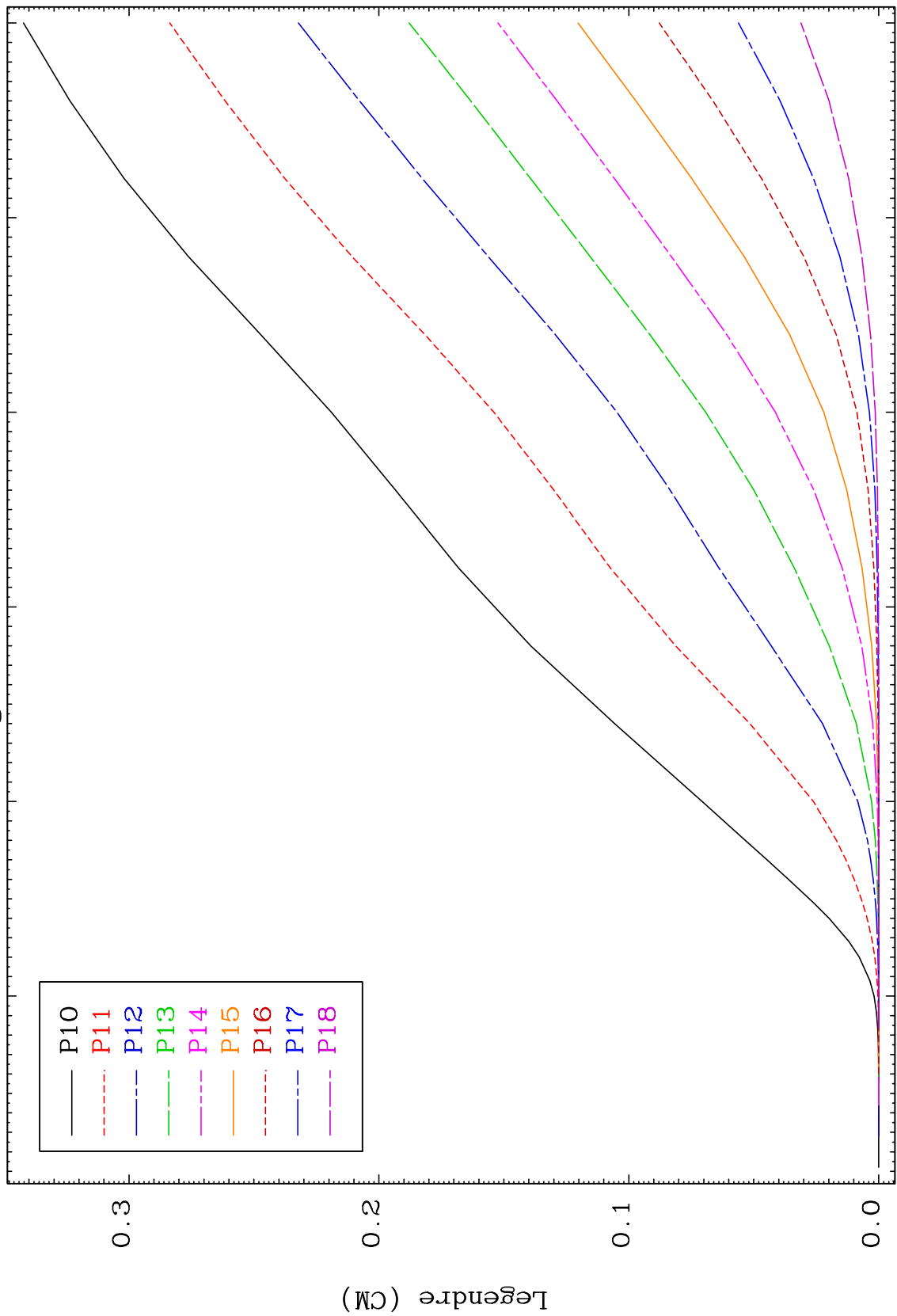
Incident Energy (MeV)

63-Eu-152

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



18

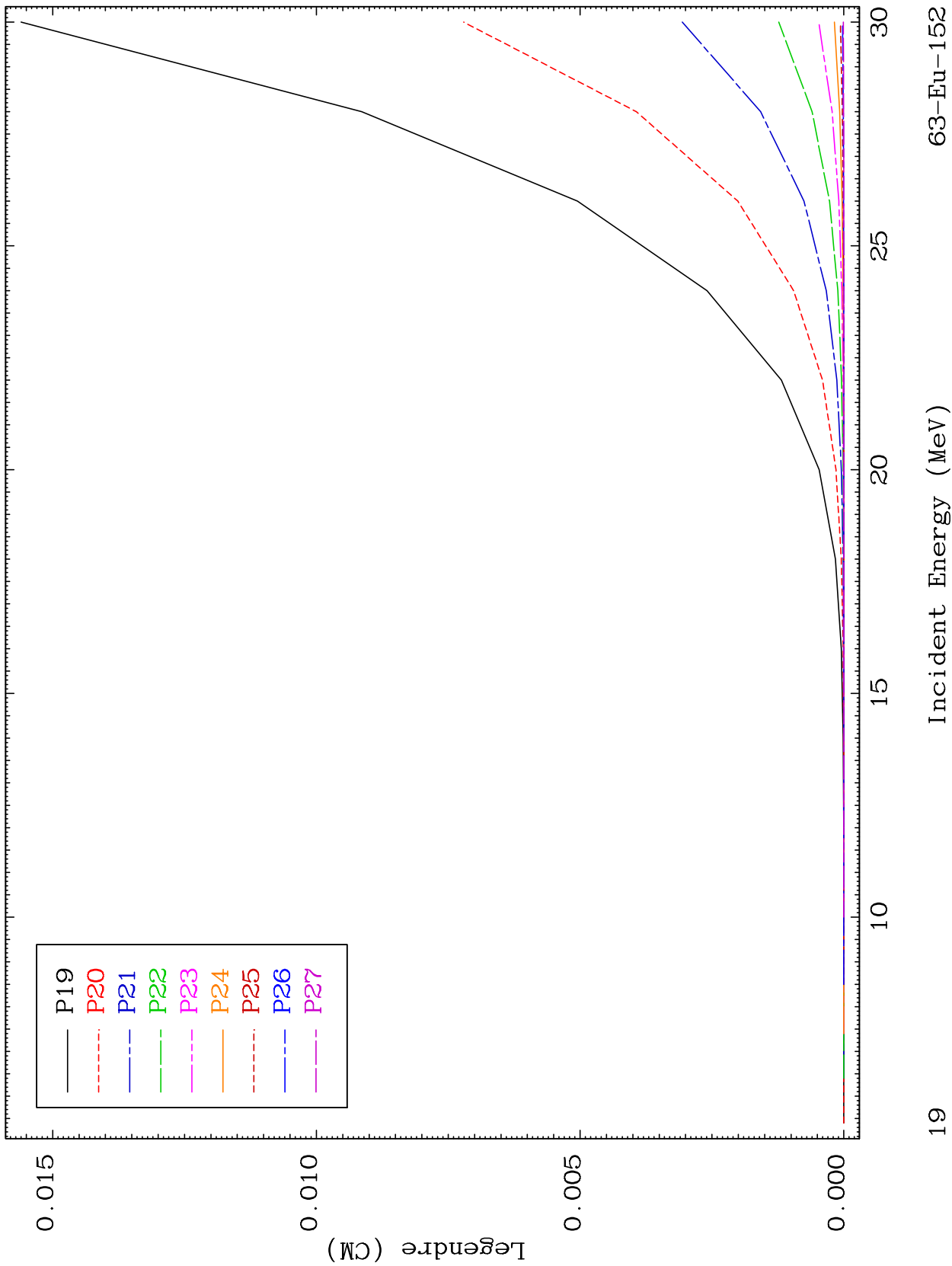
Incident Energy (MeV)

63-Eu-152

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



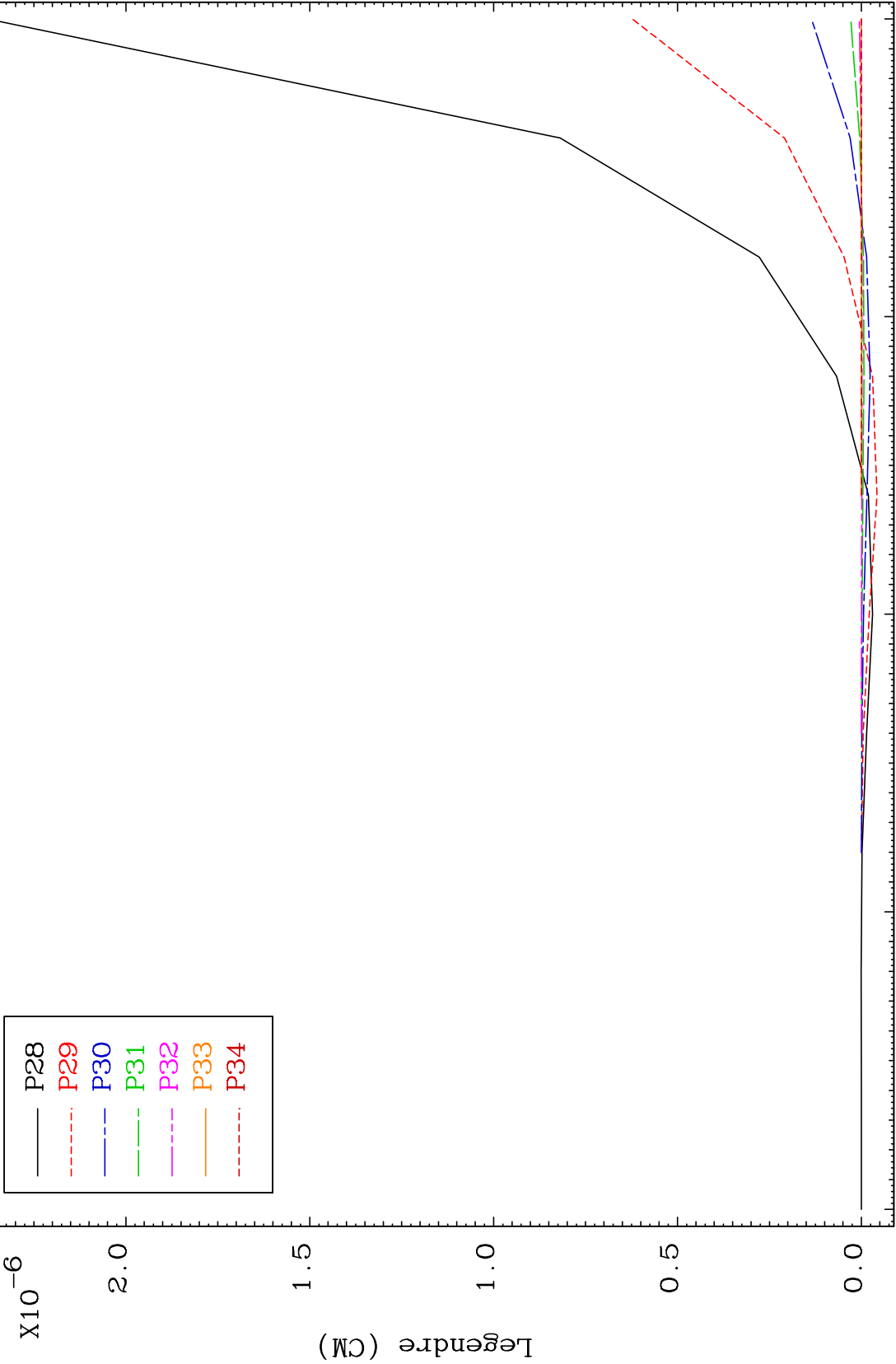
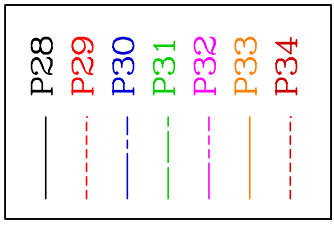
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63-Eu-152

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



63-Eu-152

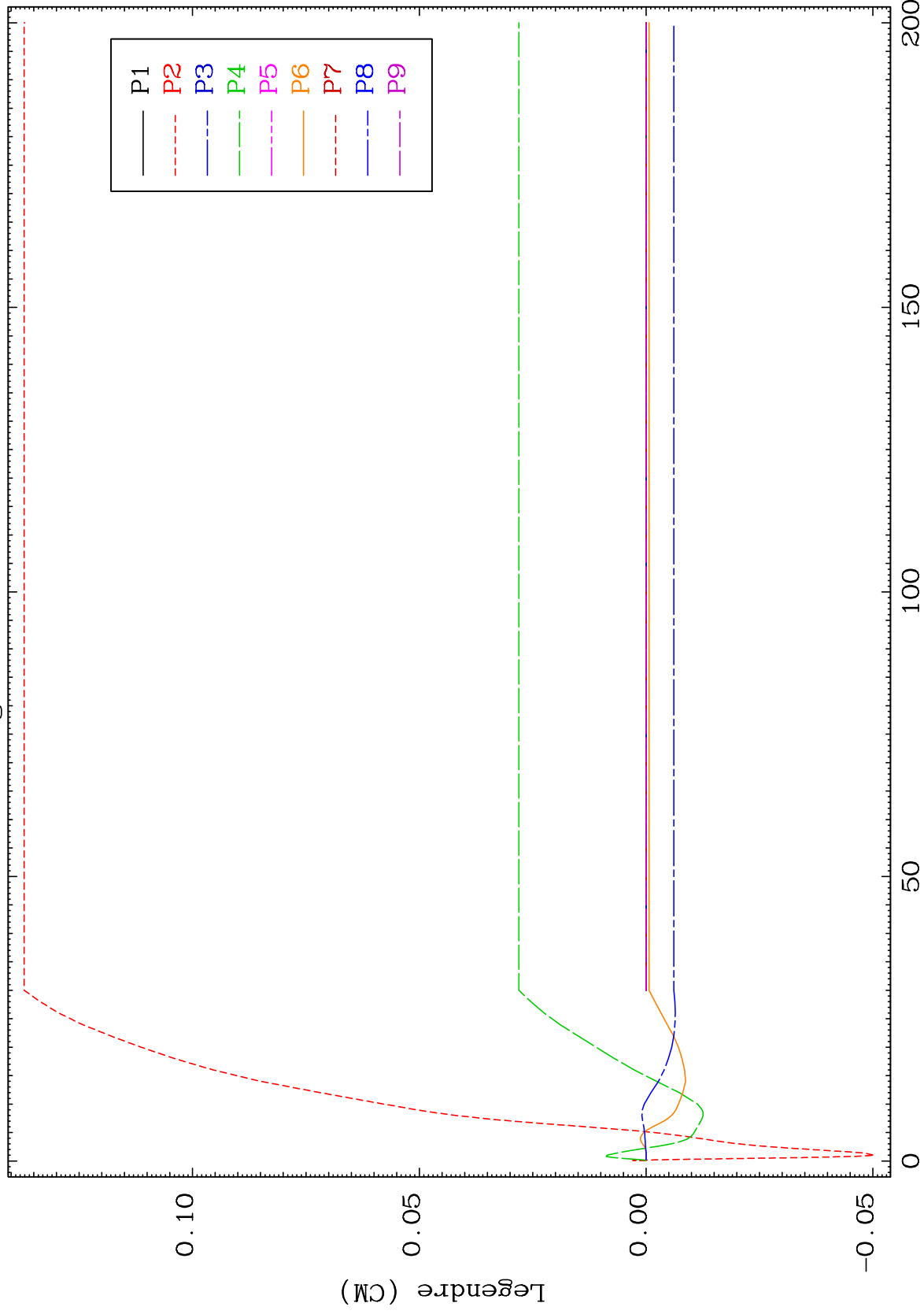
Incident Energy (MeV)

20

MAT 6328

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

63-Eu-152



21

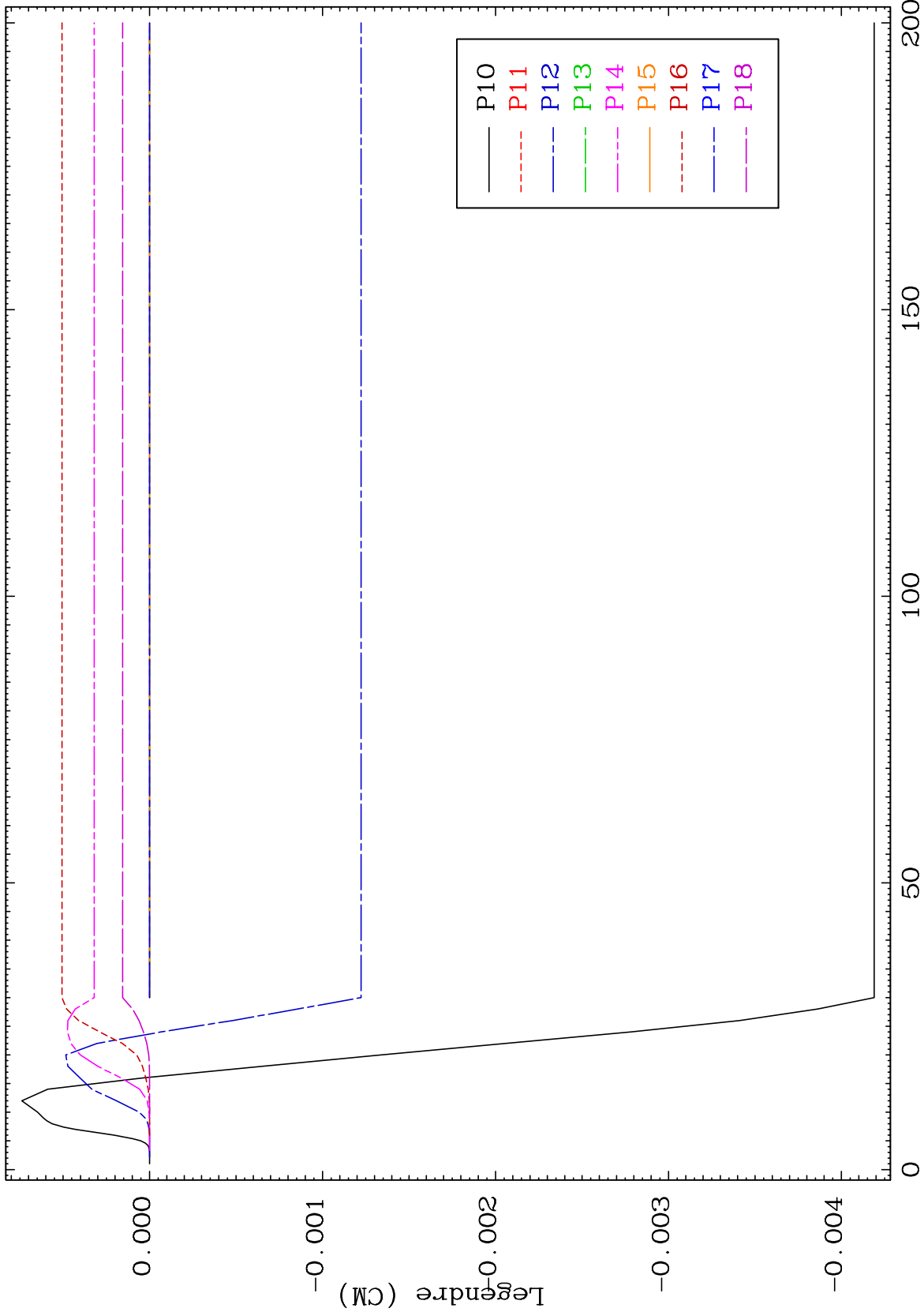
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



22

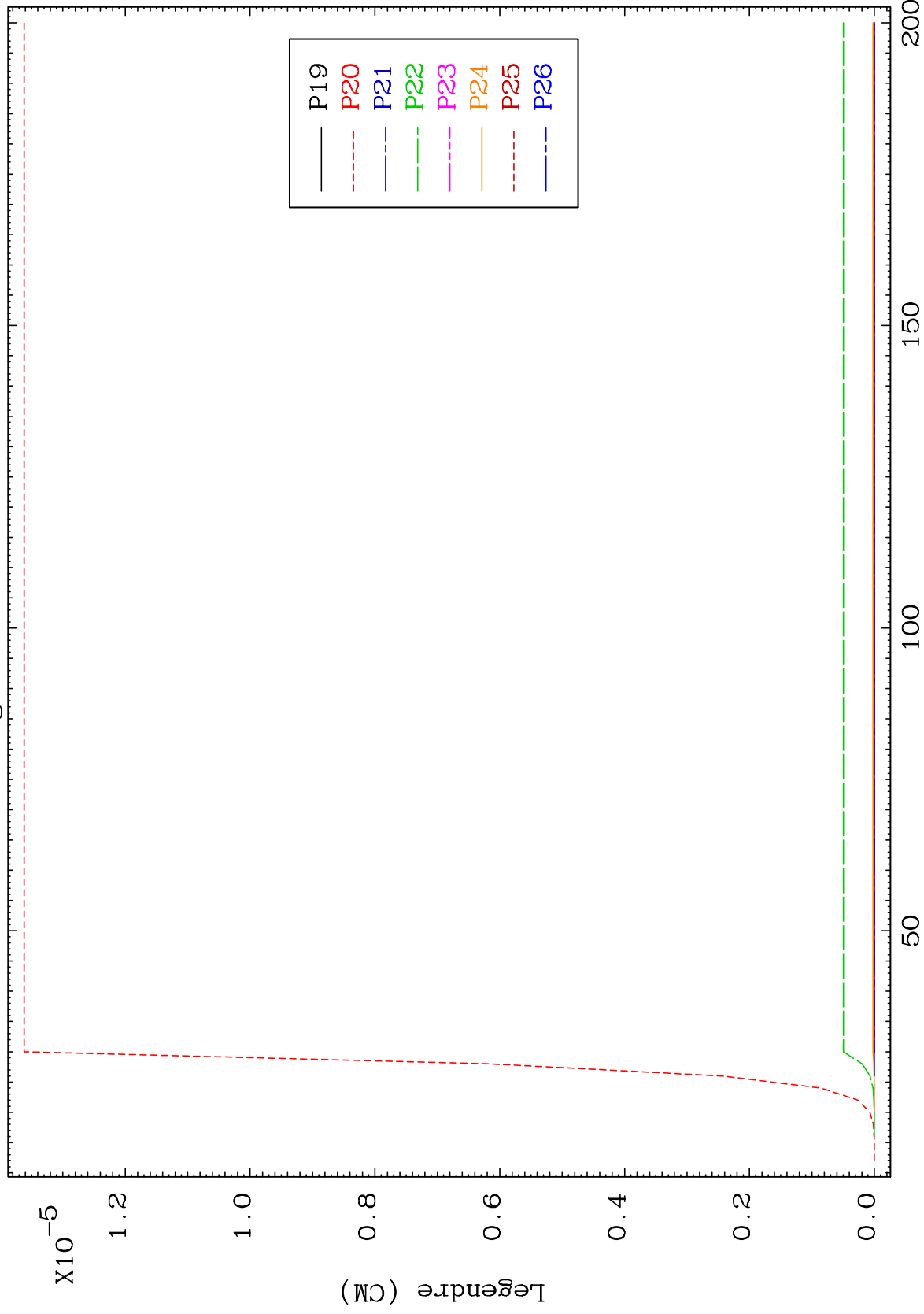
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



23

Incident Energy (MeV)

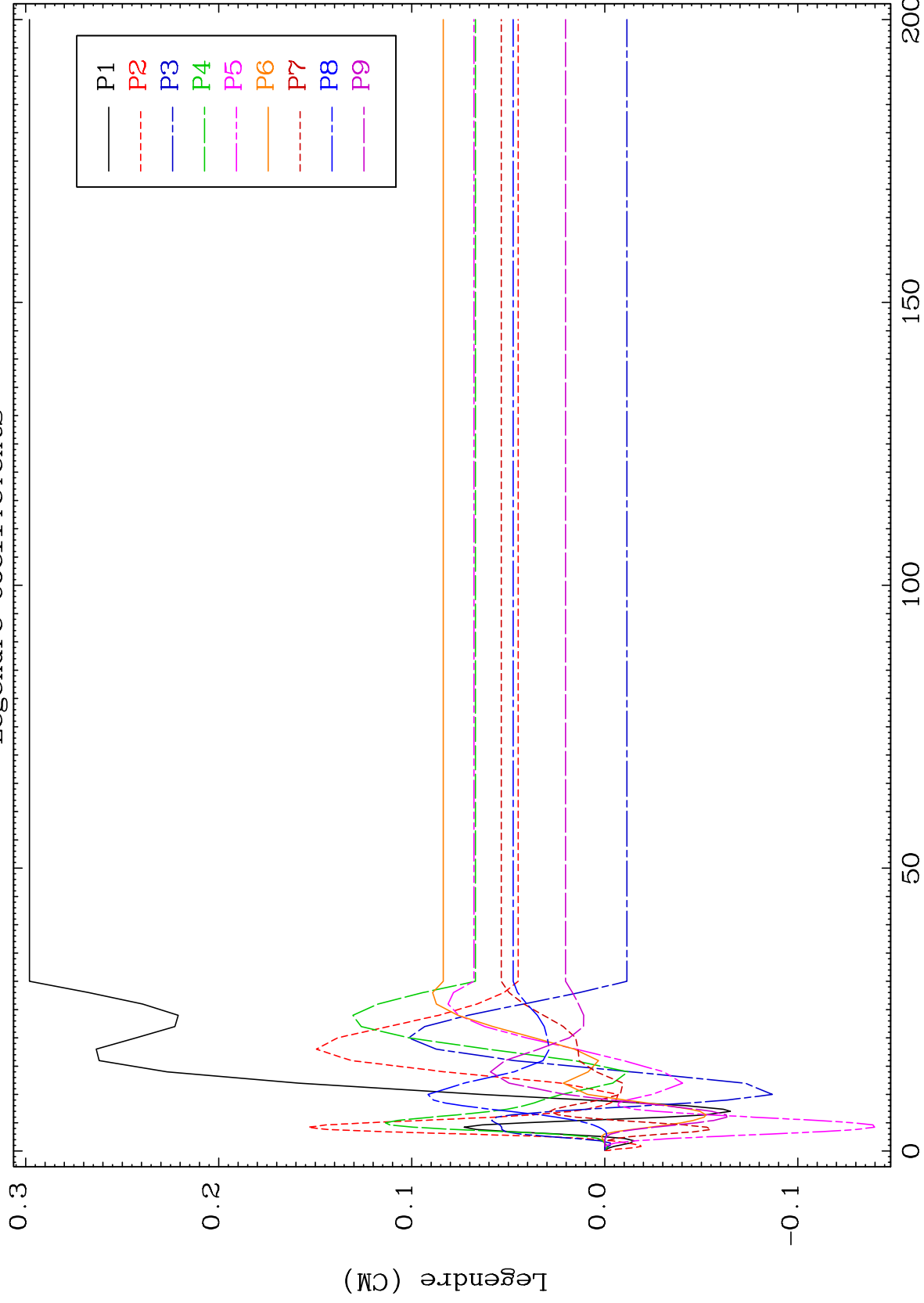
63-Eu-152

MAT 6328

MT= 52 (n,n') Level

63-Eu-152

Legendre Coefficients



24

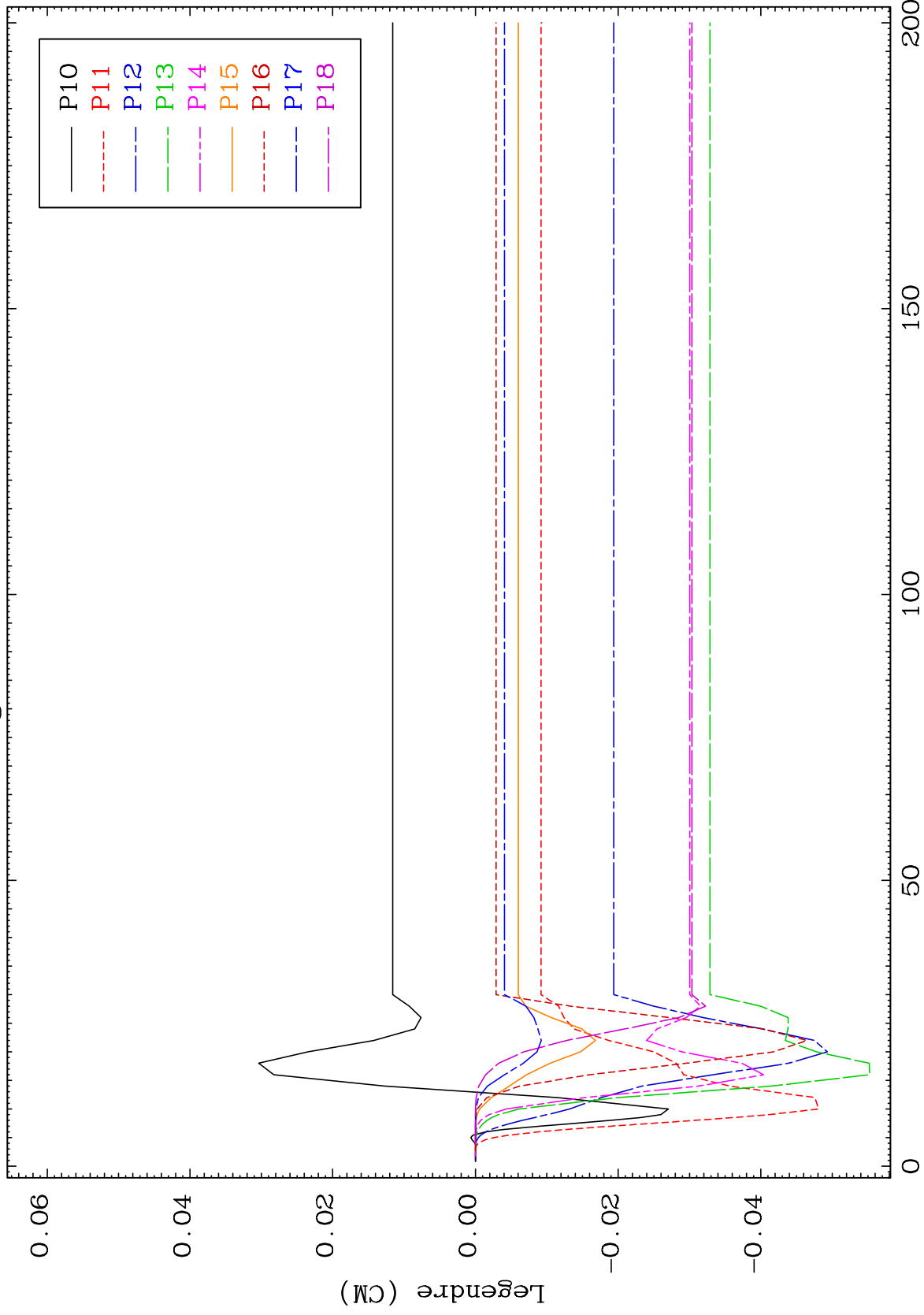
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

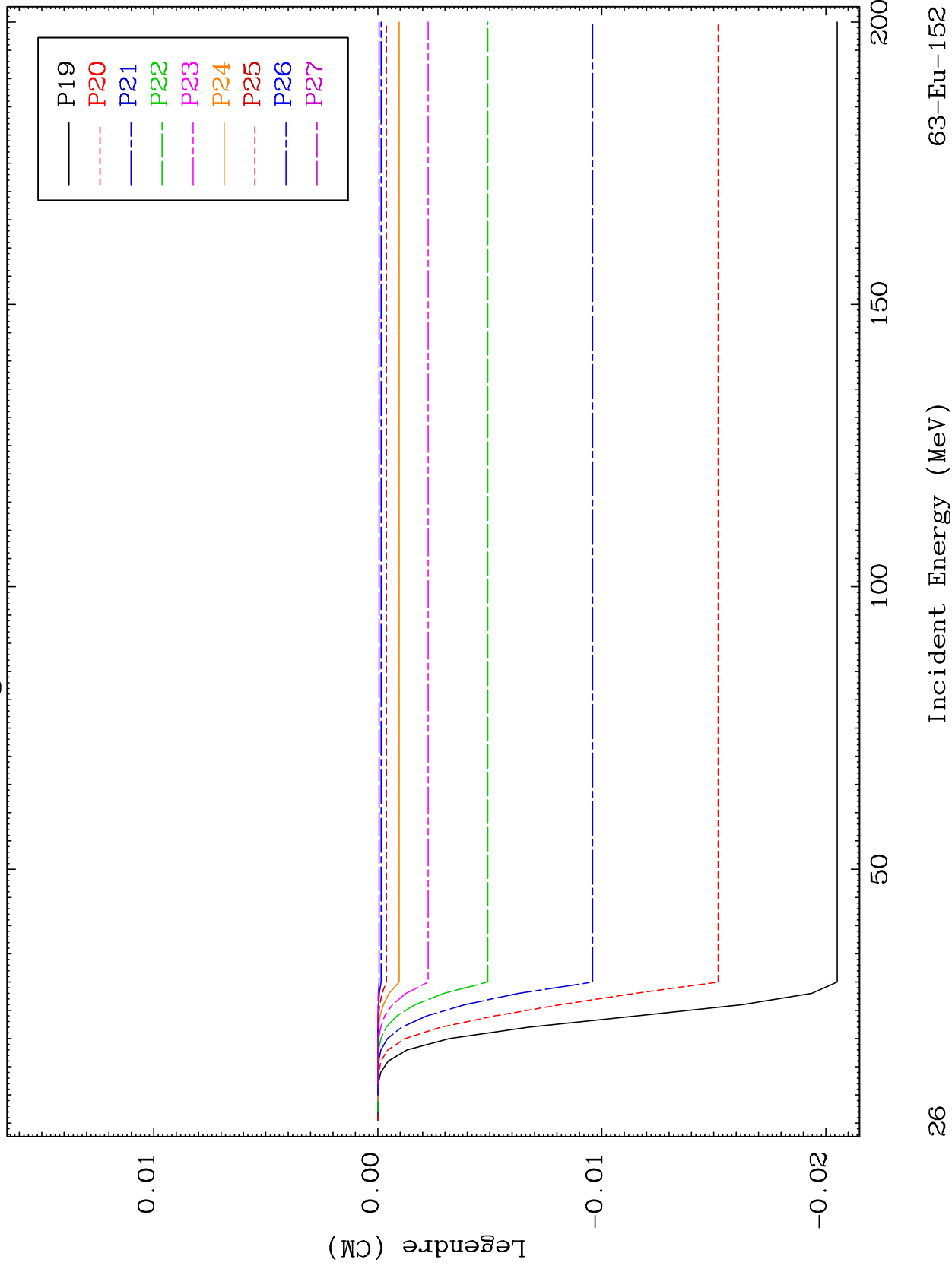
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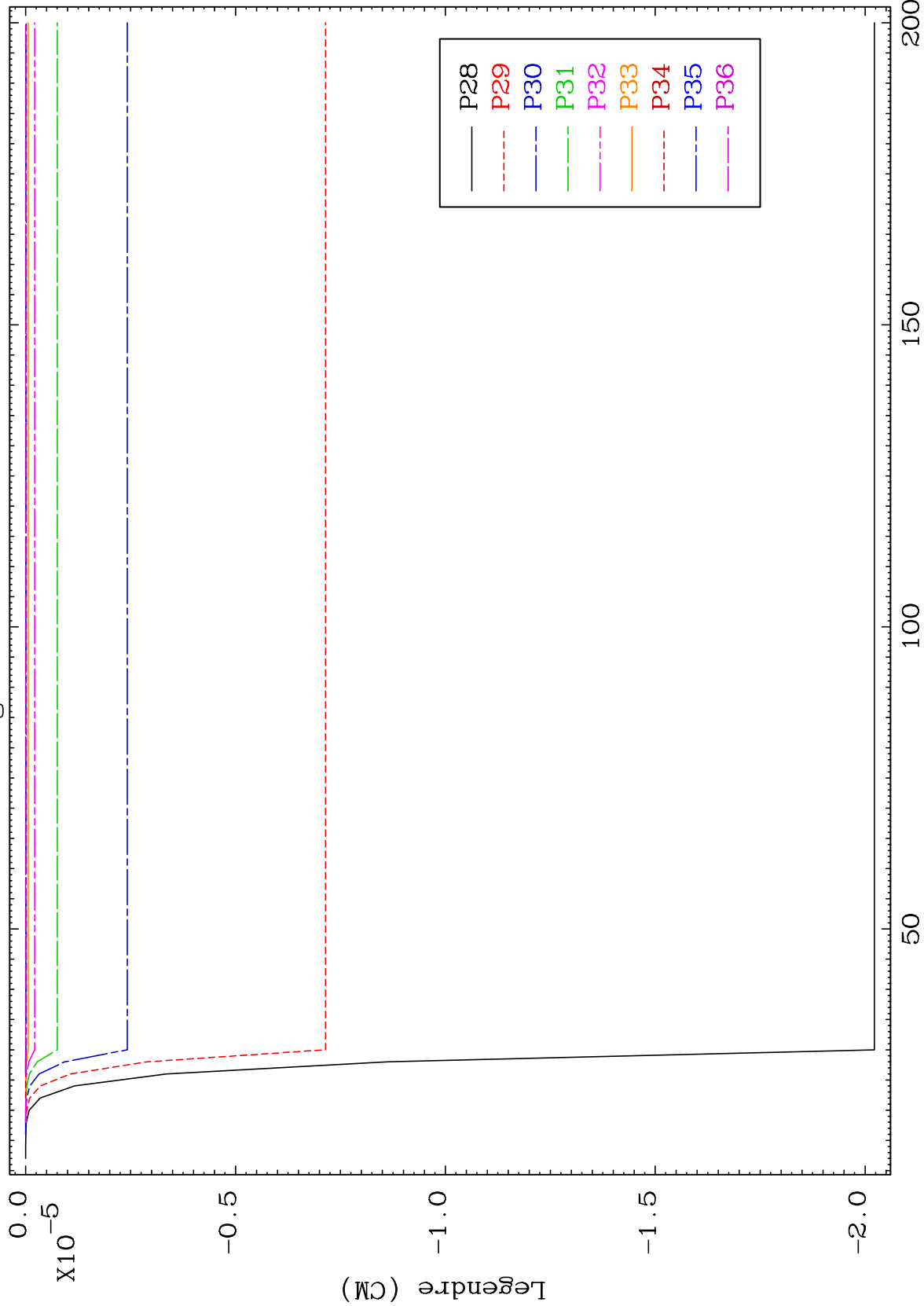


25

Incident Energy (MeV)

63-Eu-152

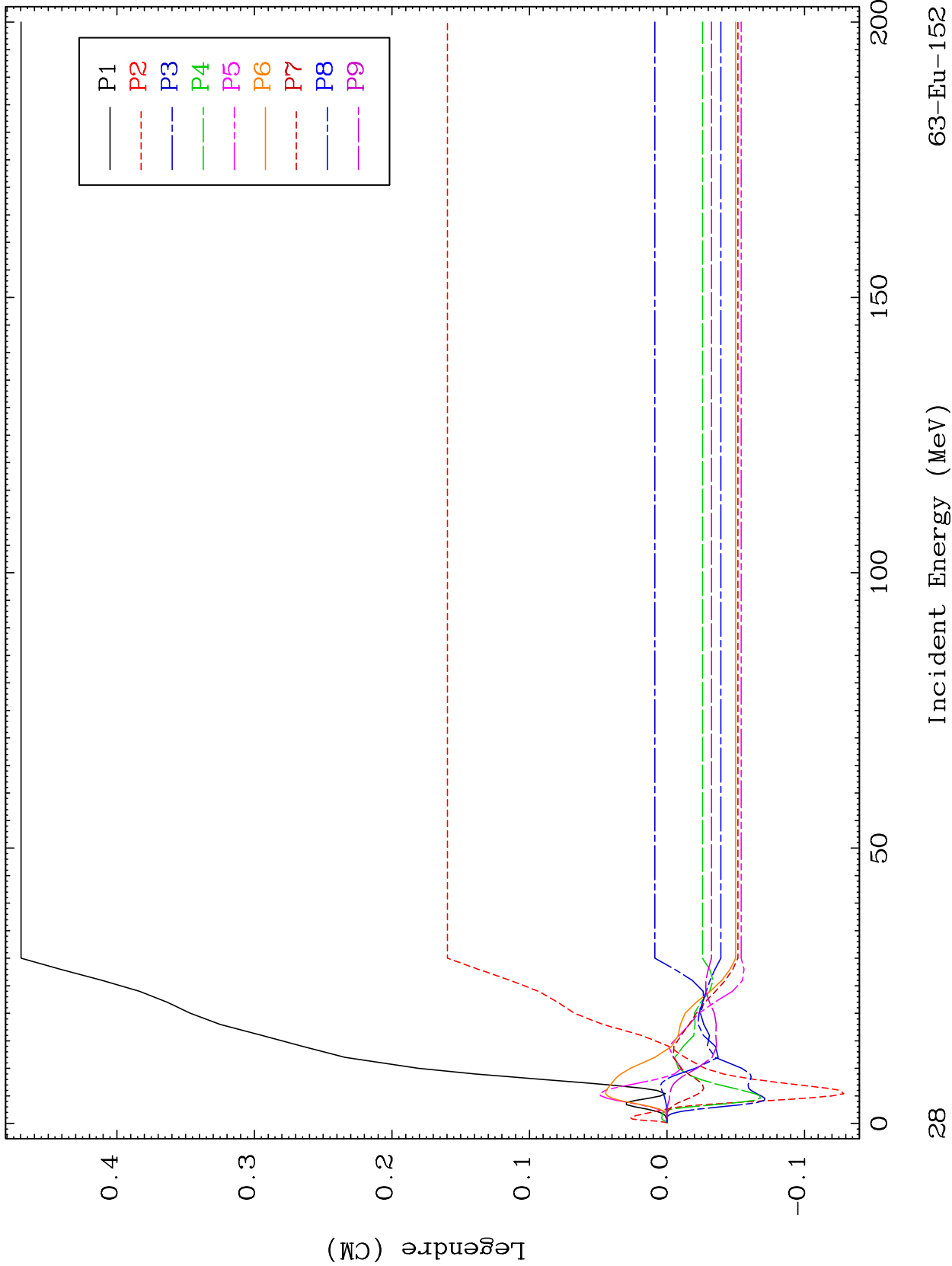




MAT 6328

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

63-Eu-152



63-Eu-152

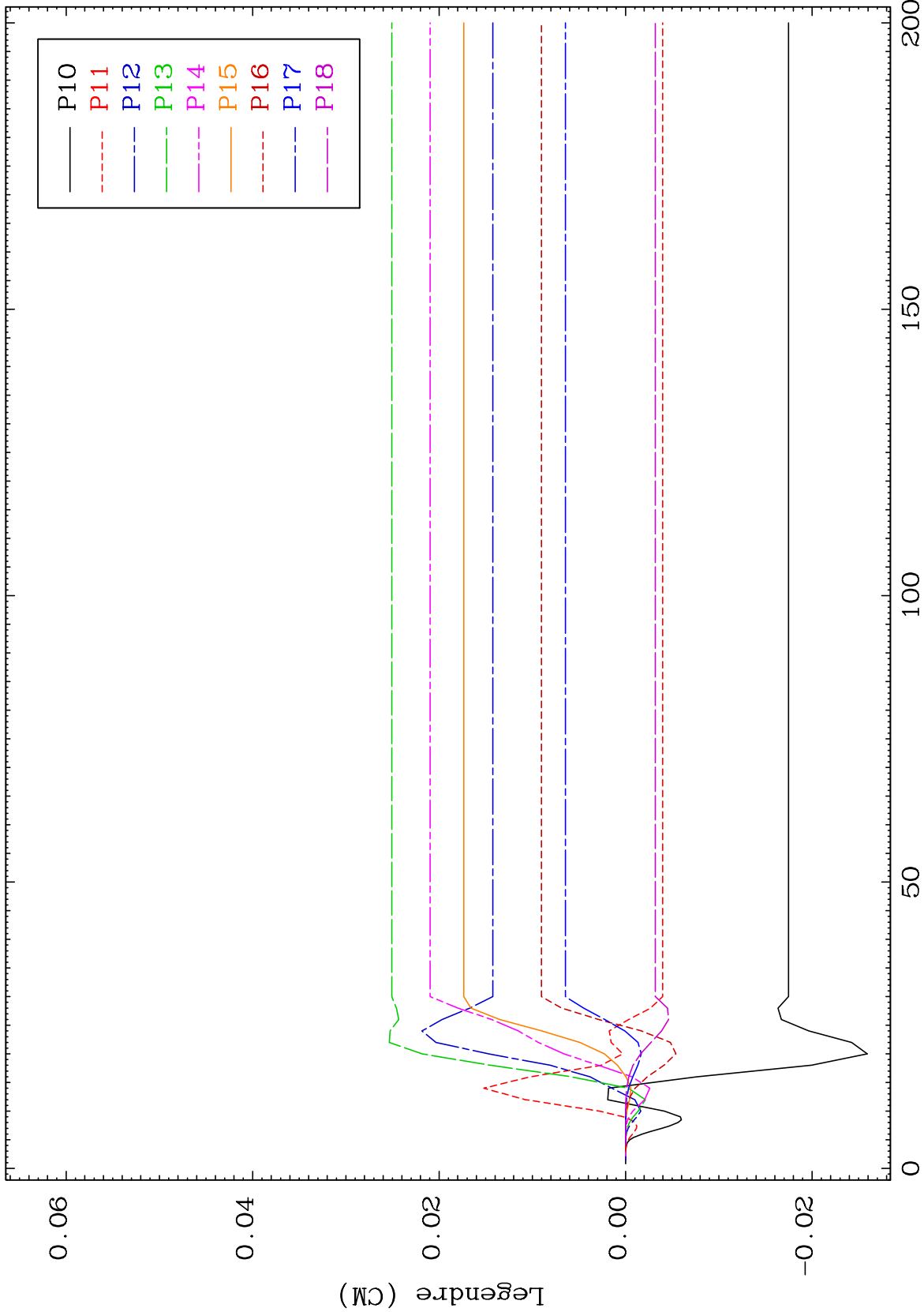
Incident Energy (MeV)

28

MAT 6328

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

63-Eu-152



29

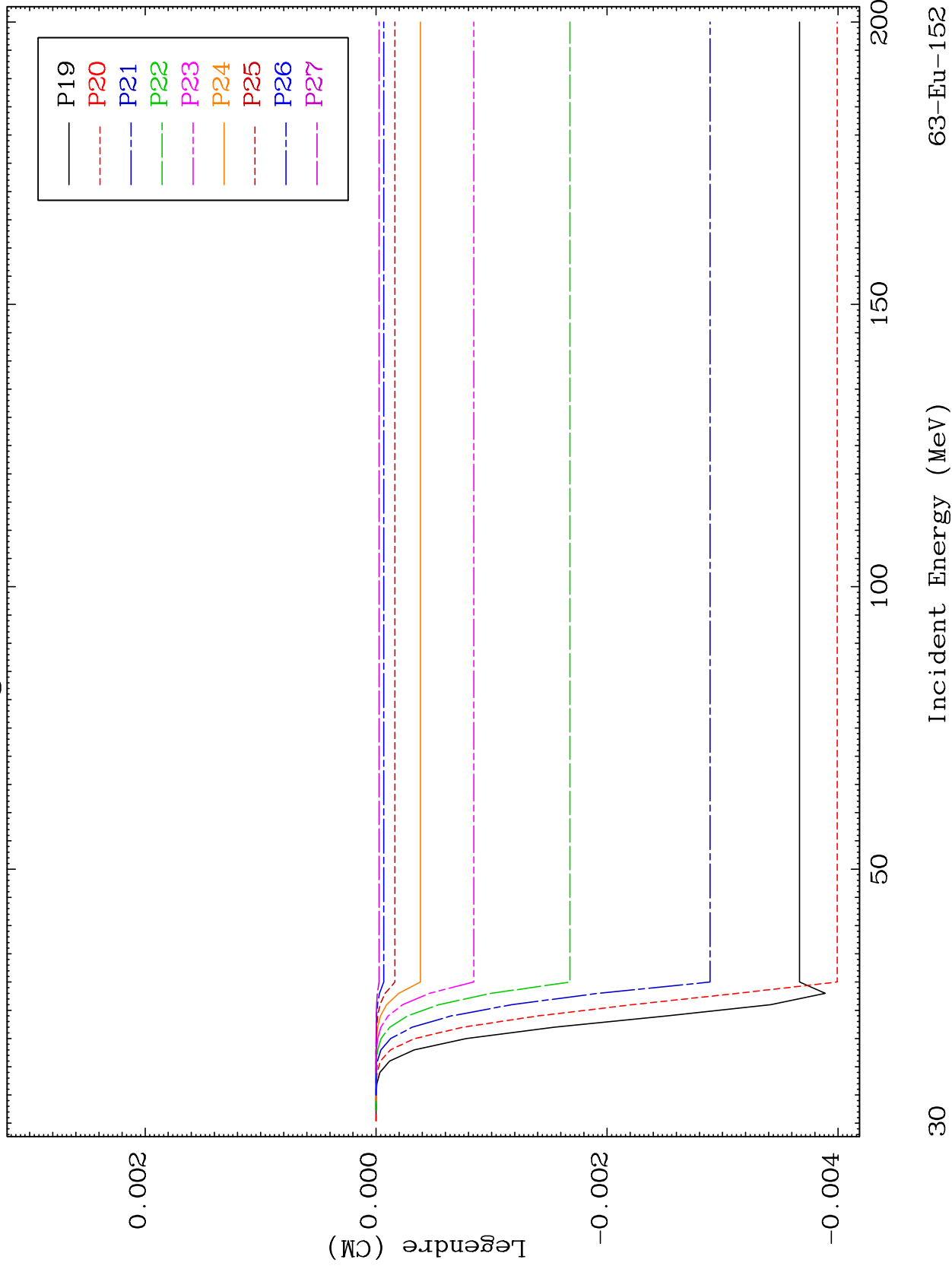
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

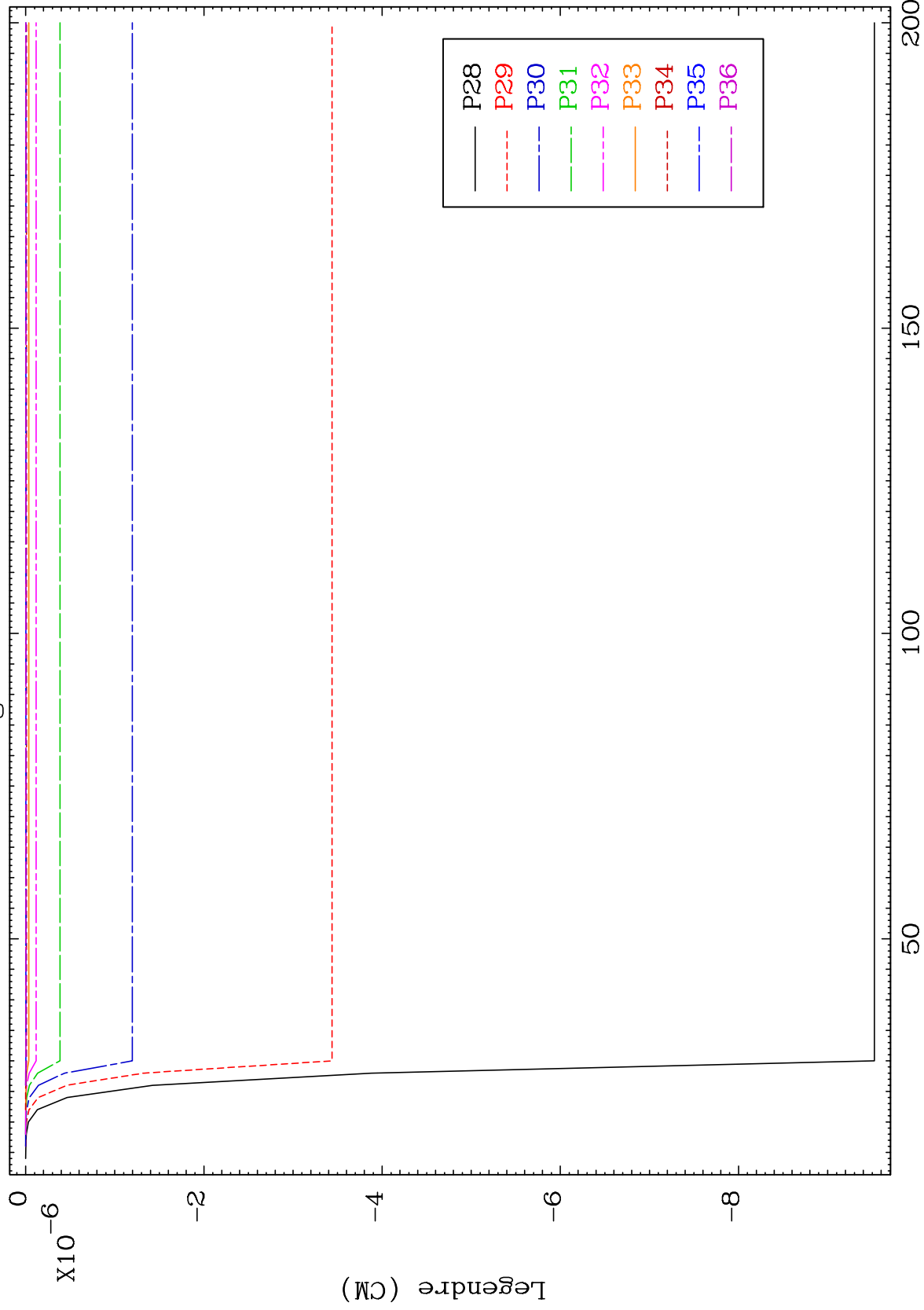
Incident Energy (MeV)

30

MAT 6328

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

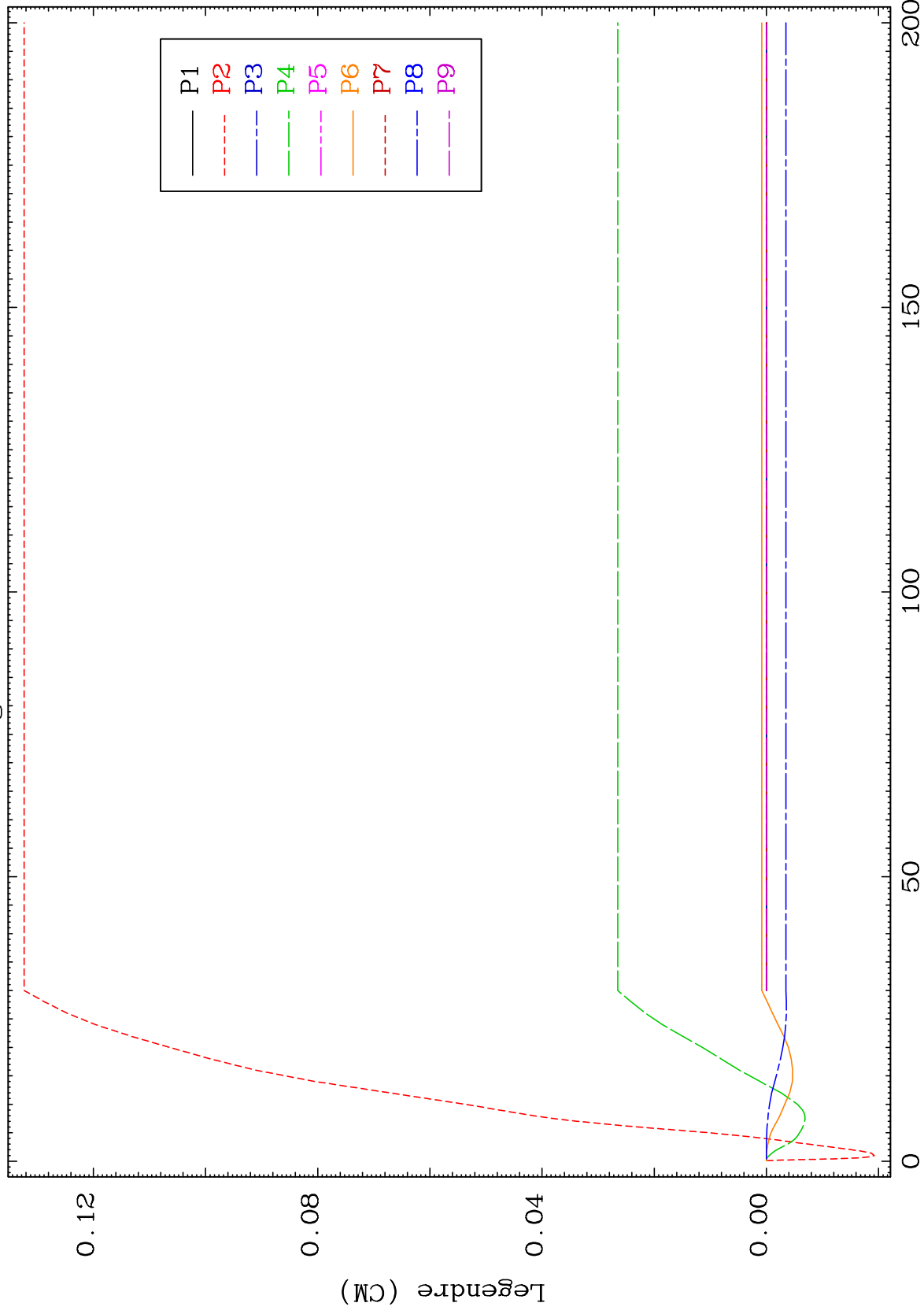
63-Eu-152



MAT 6328

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

63-Eu-152



63-Eu-152

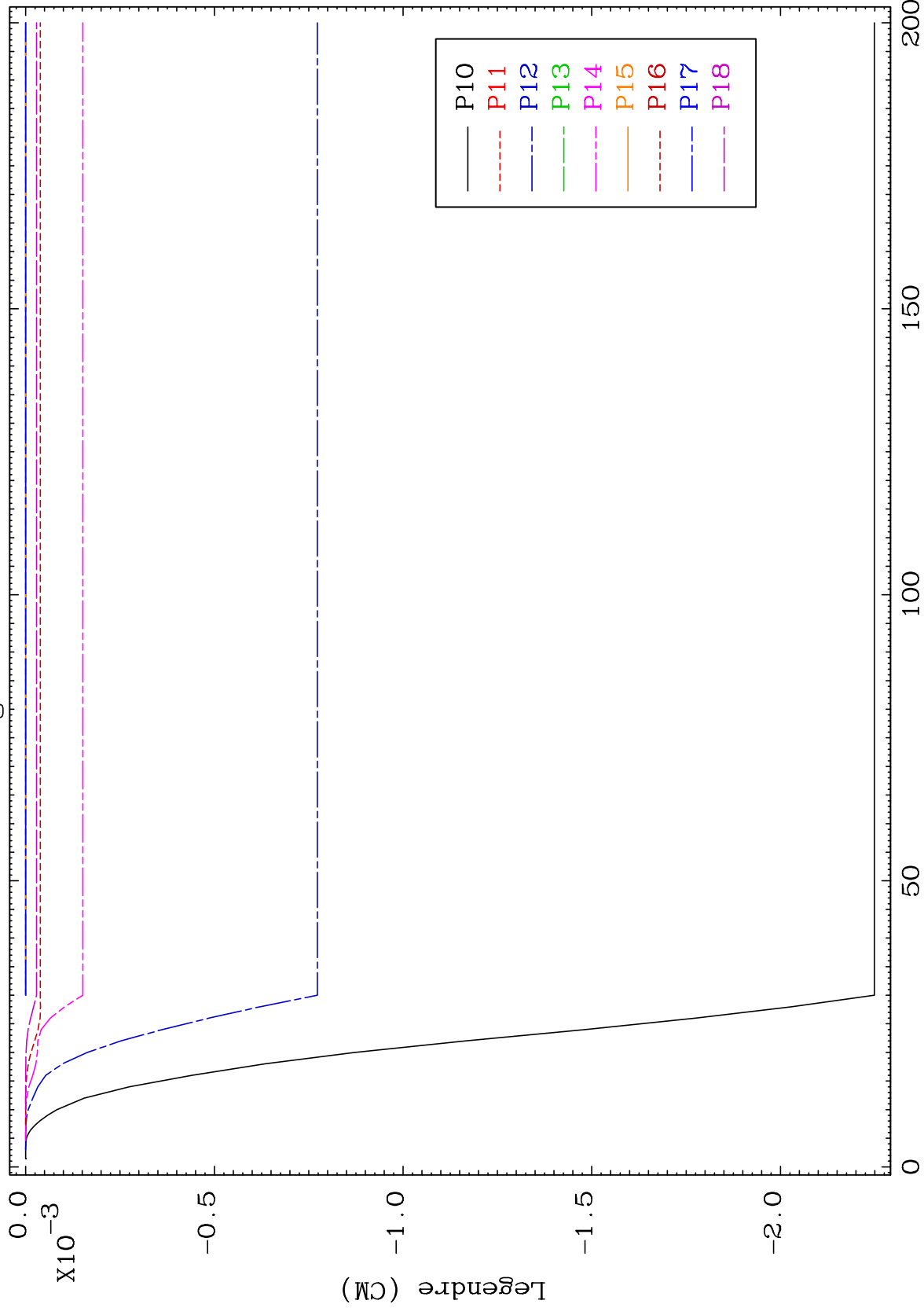
Incident Energy (MeV)

32

MAT 6328

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

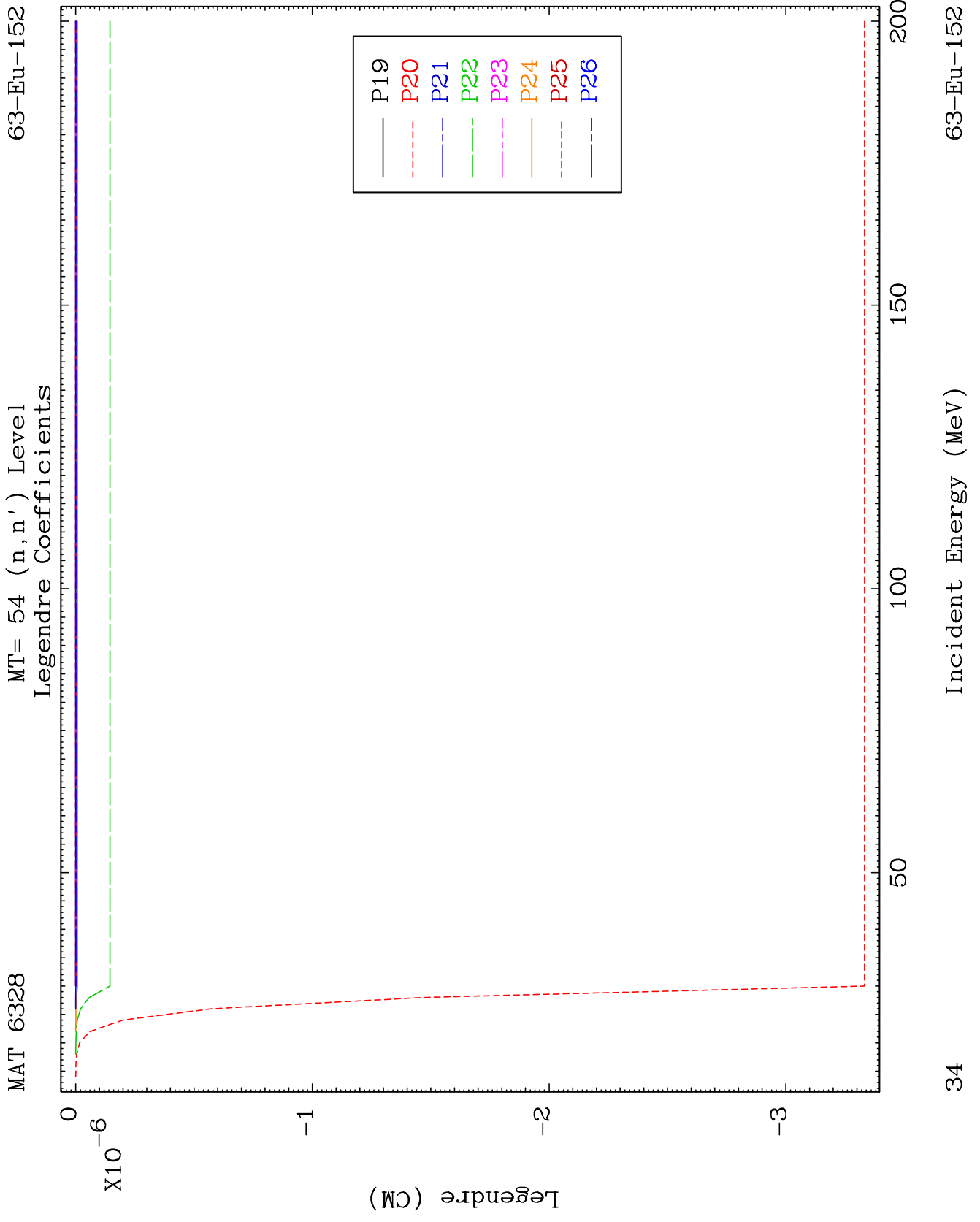
63-Eu-152



33

Incident Energy (MeV)

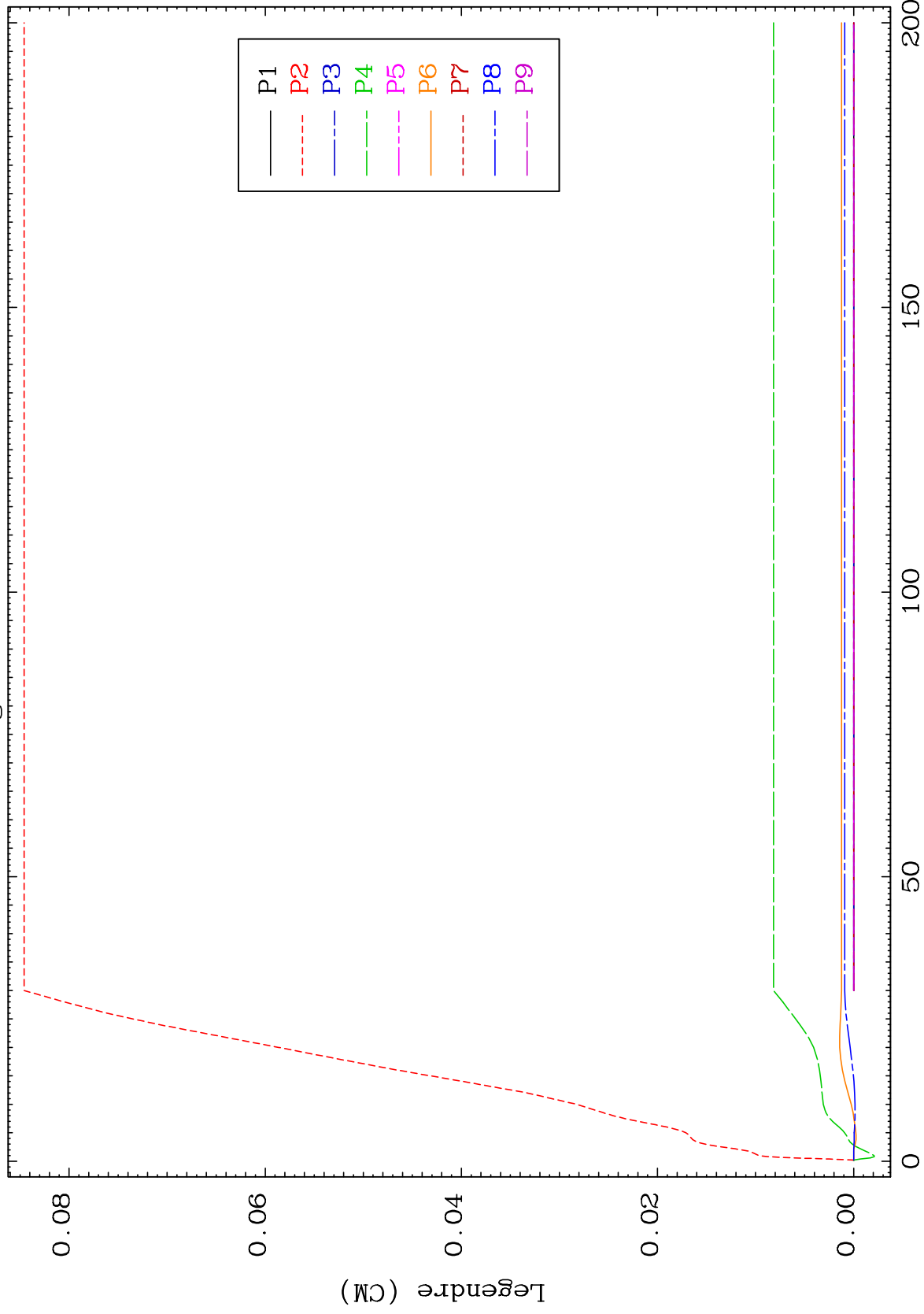
63-Eu-152



MAT 6328

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

63-Eu-152



63-Eu-152

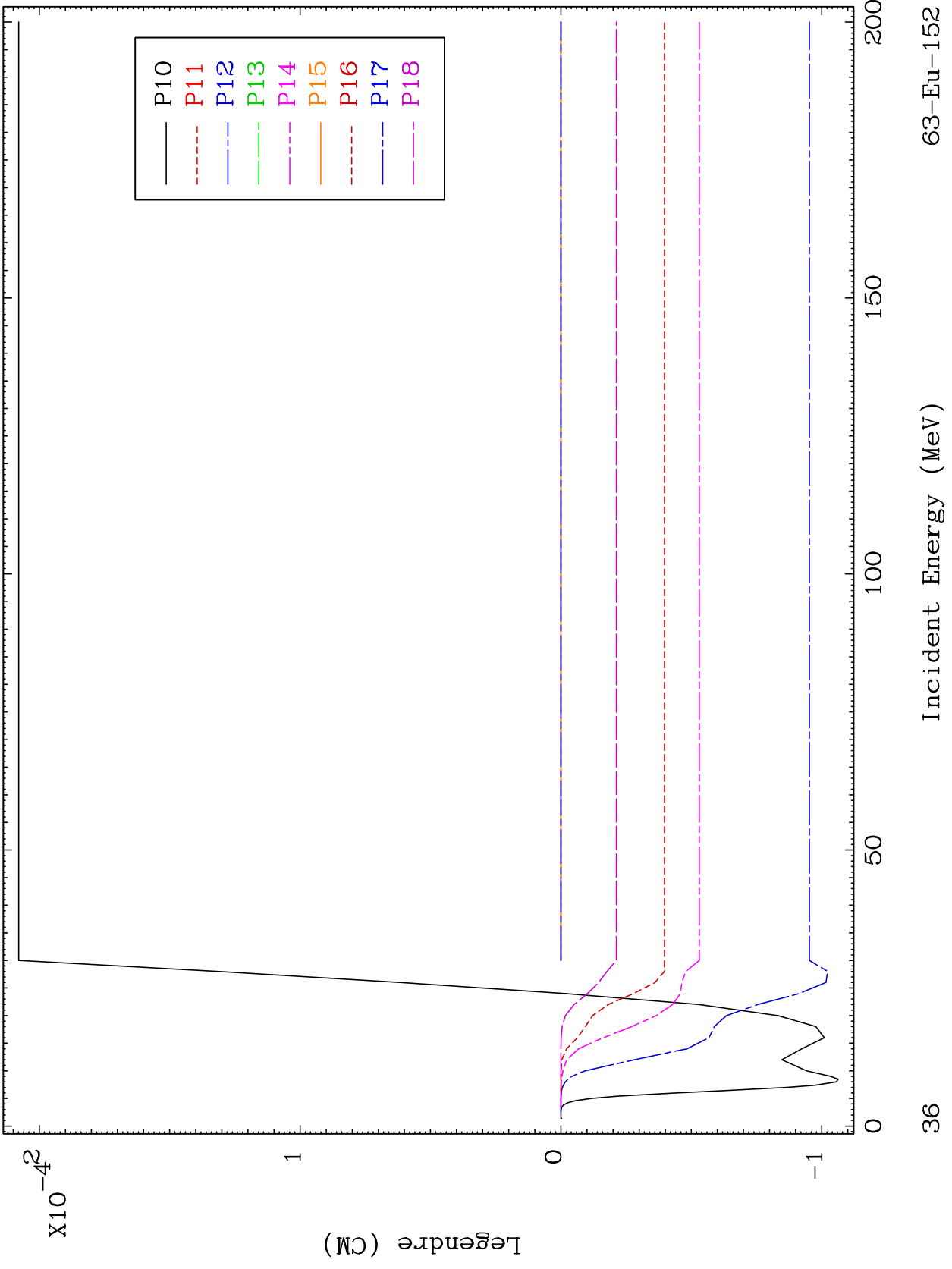
Incident Energy (MeV)

35

MAT 6328

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

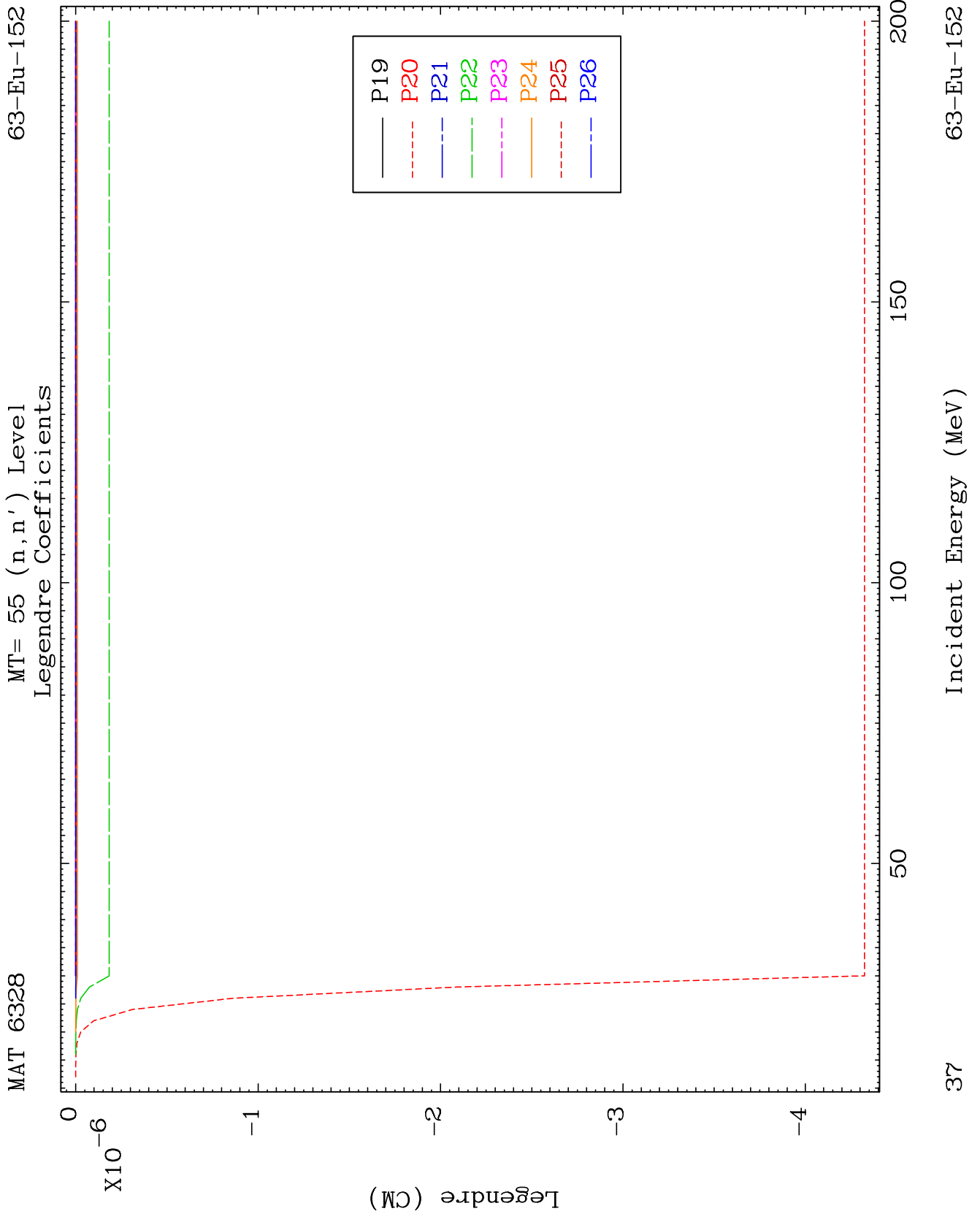
63-Eu-152



36

Incident Energy (MeV)

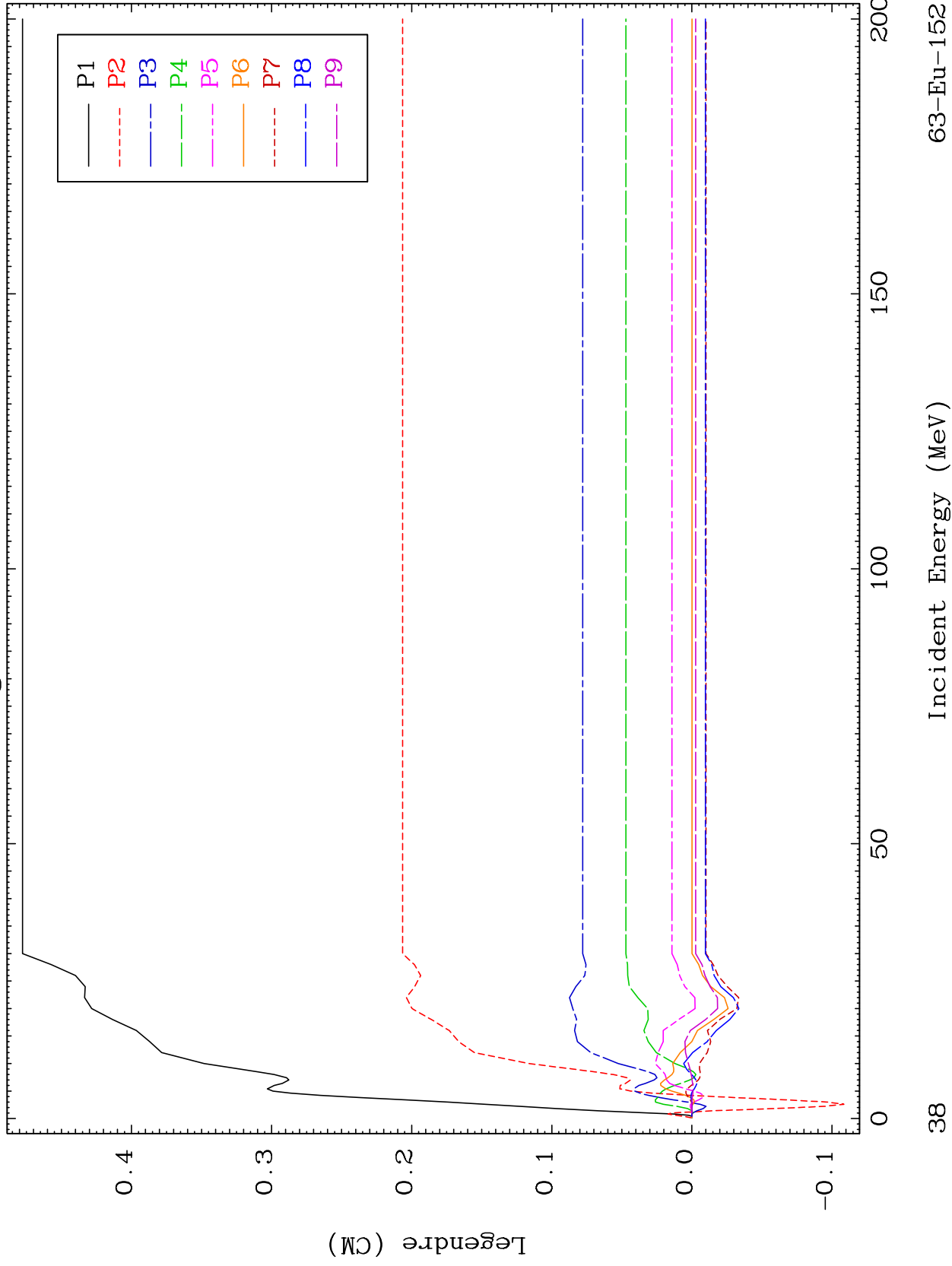
63-Eu-152



MAT 6328

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

63-Eu-152



63-Eu-152

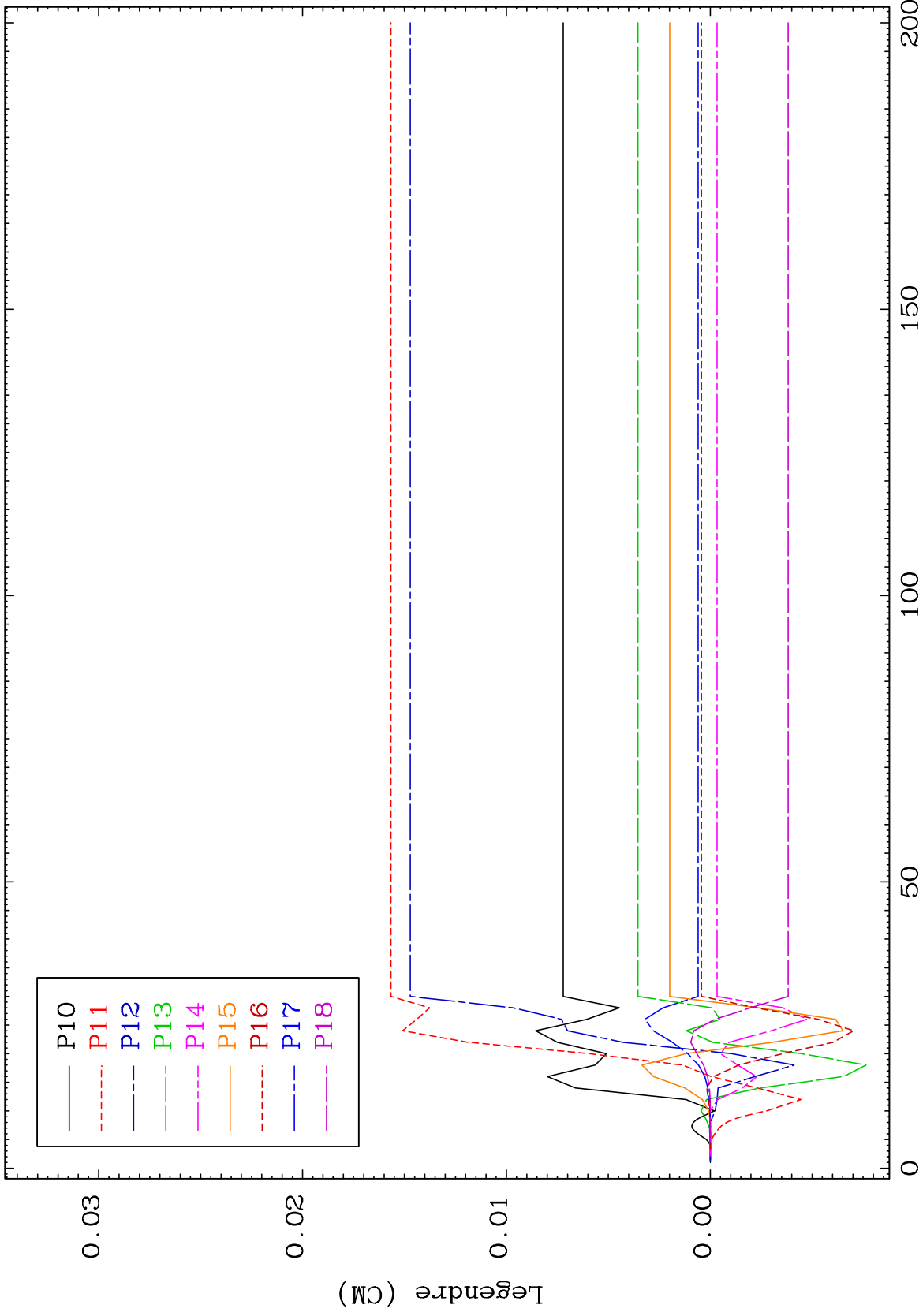
Incident Energy (MeV)

38

MAT 6328

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

63-Eu-152



39

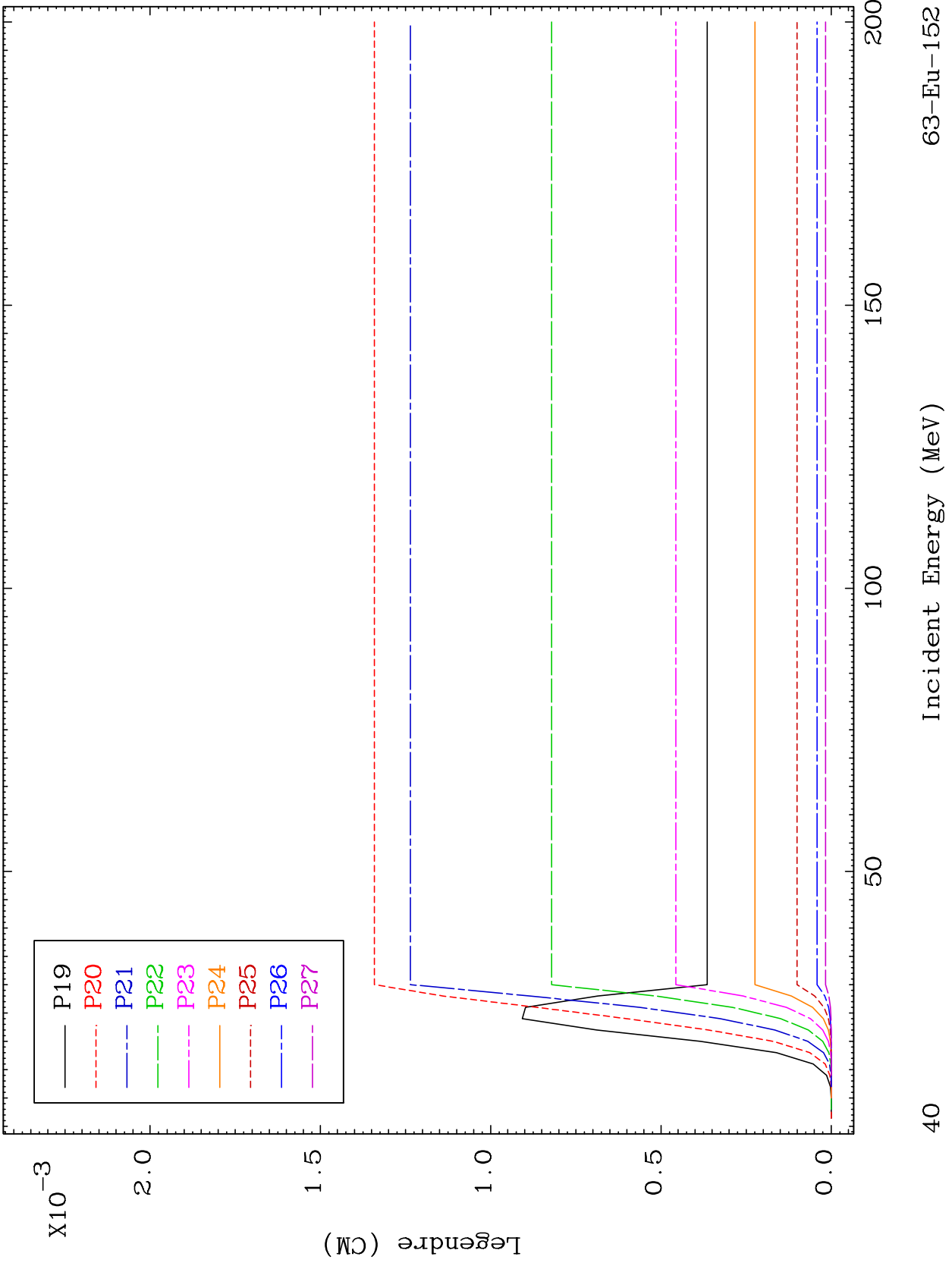
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



40

50

100

150

200

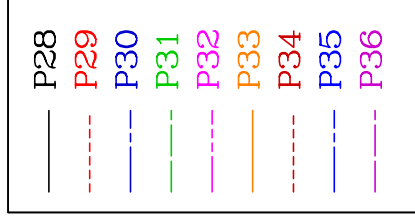
63-Eu-152

MAT 6328

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

63-Eu-152

$\times 10^{-6}$



Legendre (CM)

200

150

100

50

41

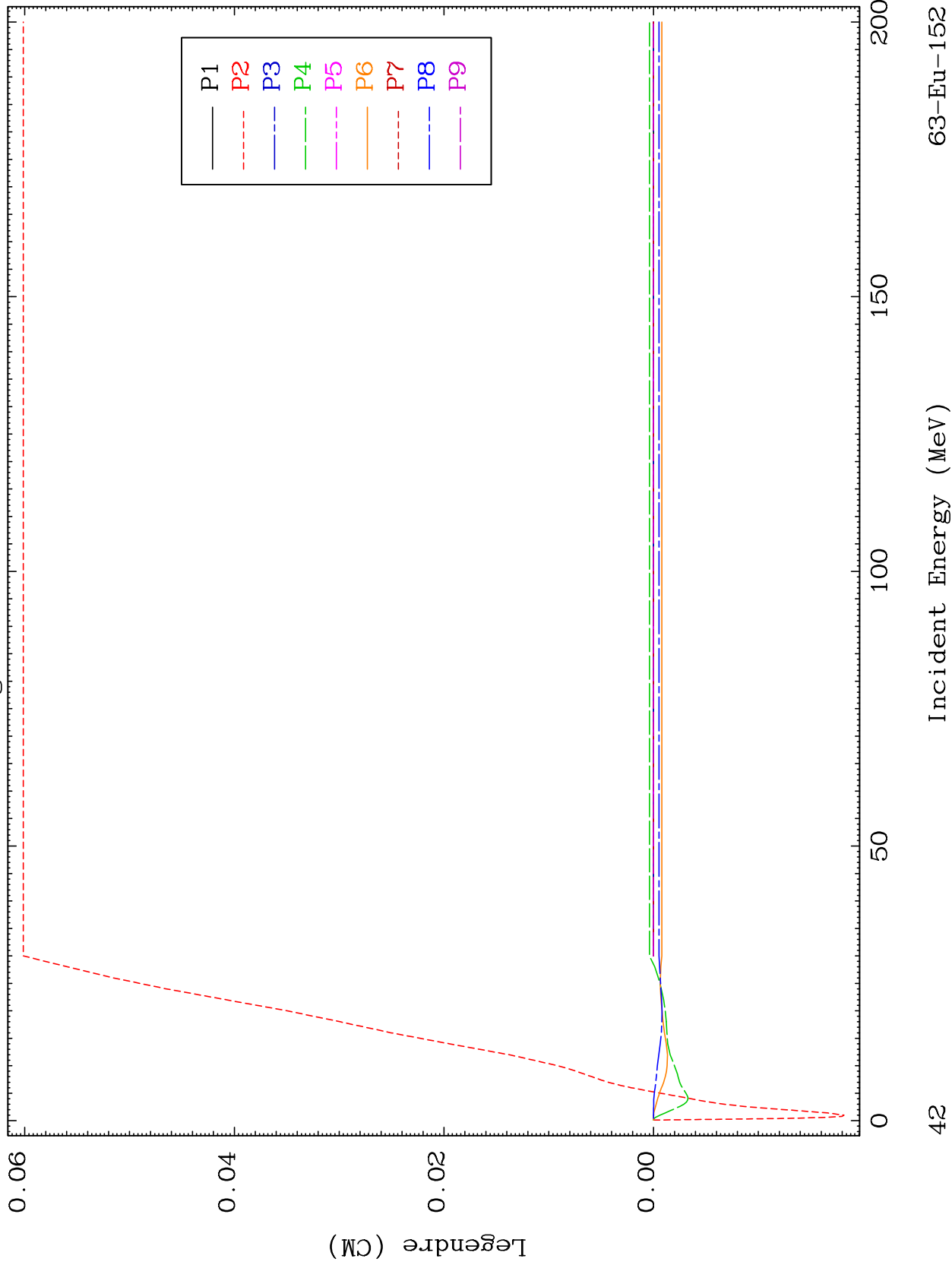
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

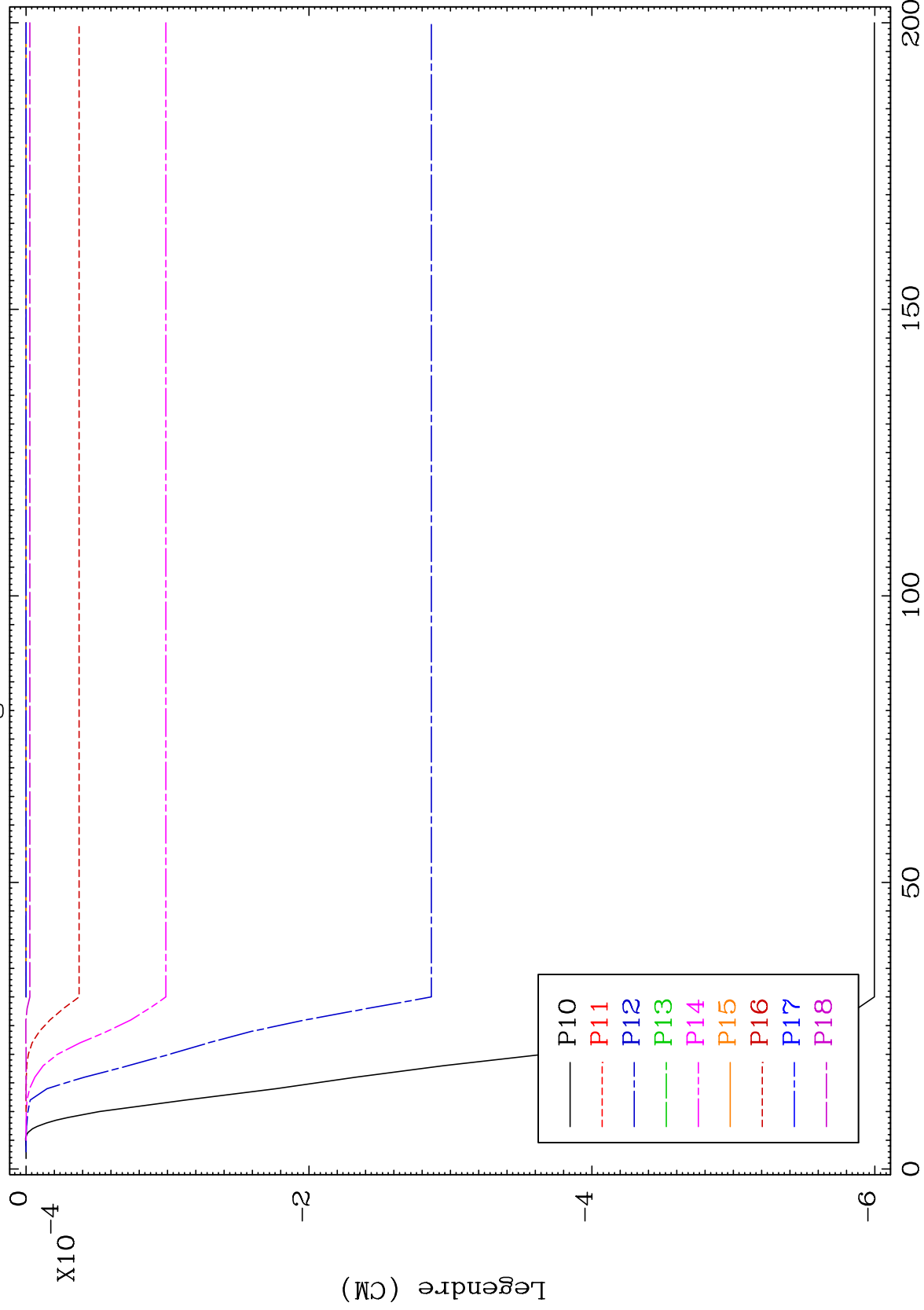
Incident Energy (MeV)

42

MAT 6328

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

63-Eu-152



43

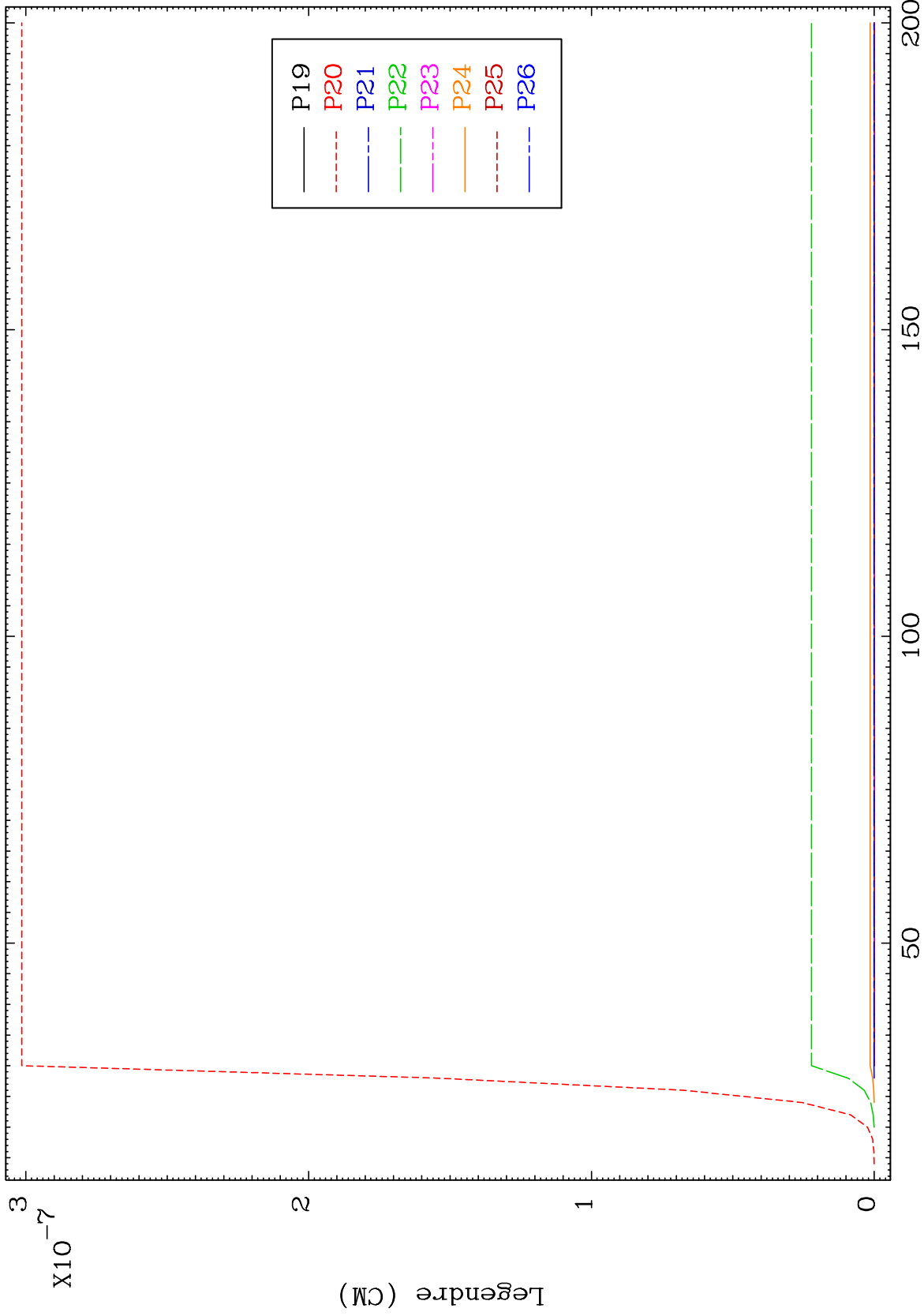
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



44

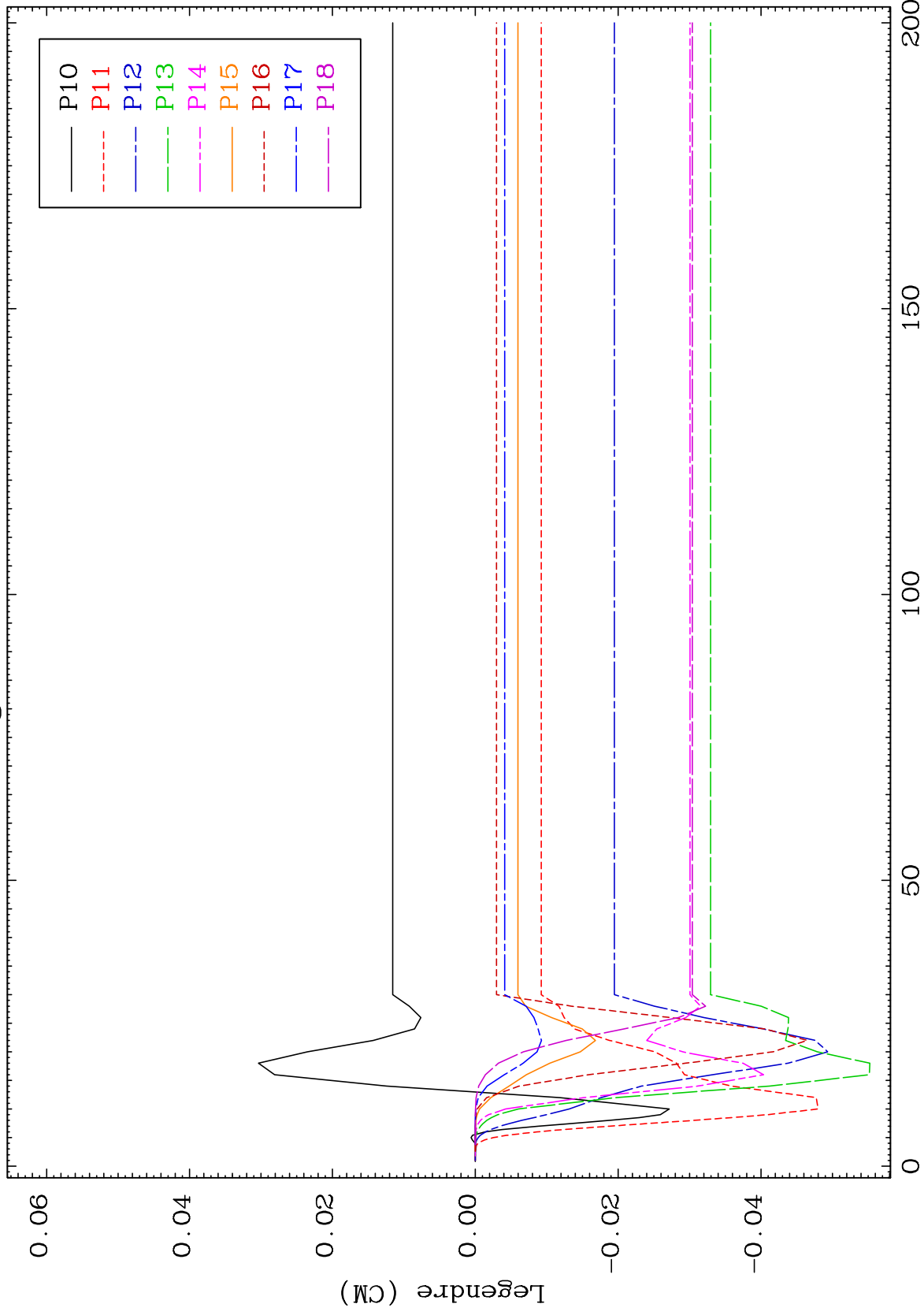
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



46

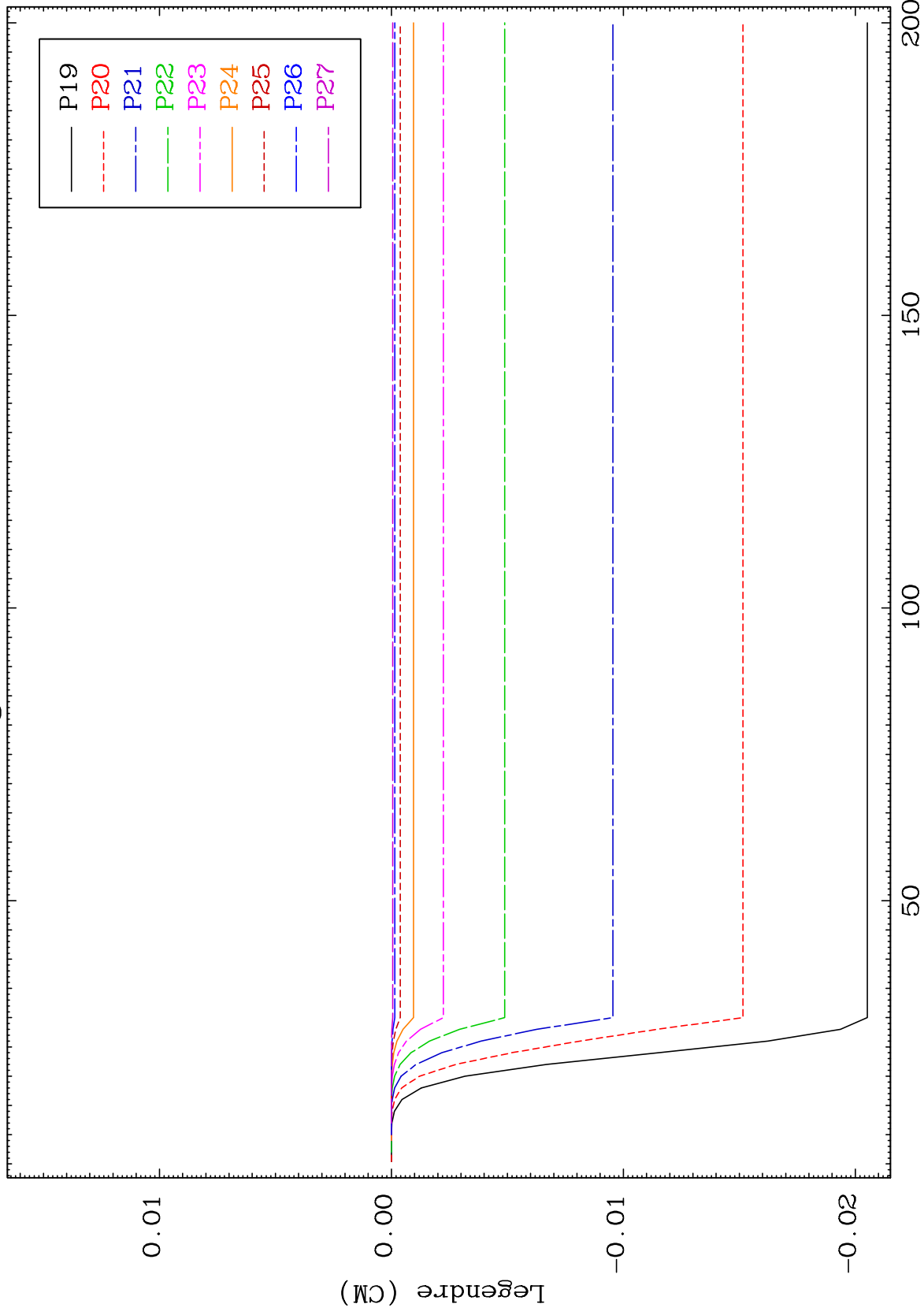
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



47

Incident Energy (MeV)

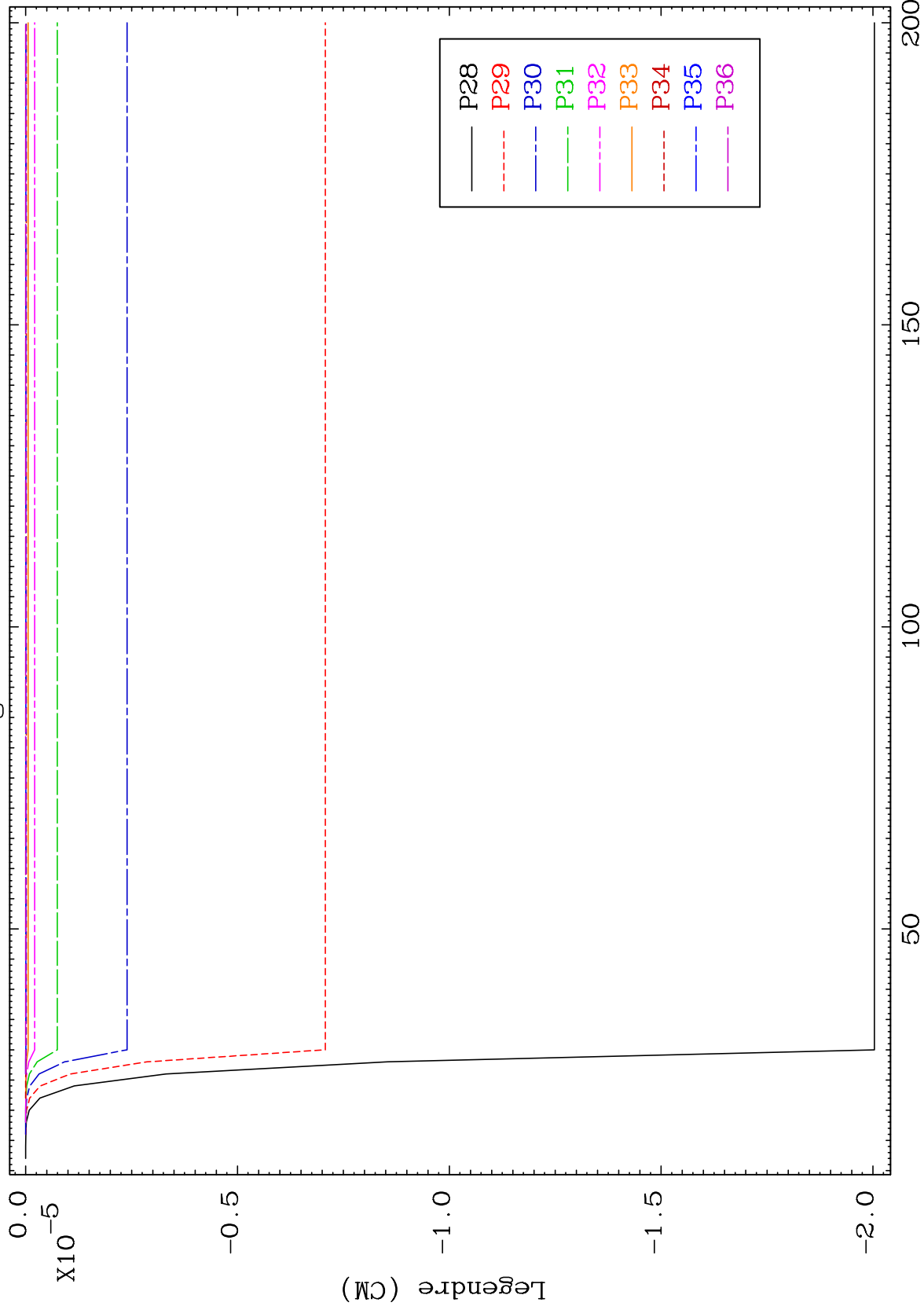
63-Eu-152

MAT 6328

MT= 58 (n,n') Level

63-Eu-152

Legendre Coefficients



63-Eu-152

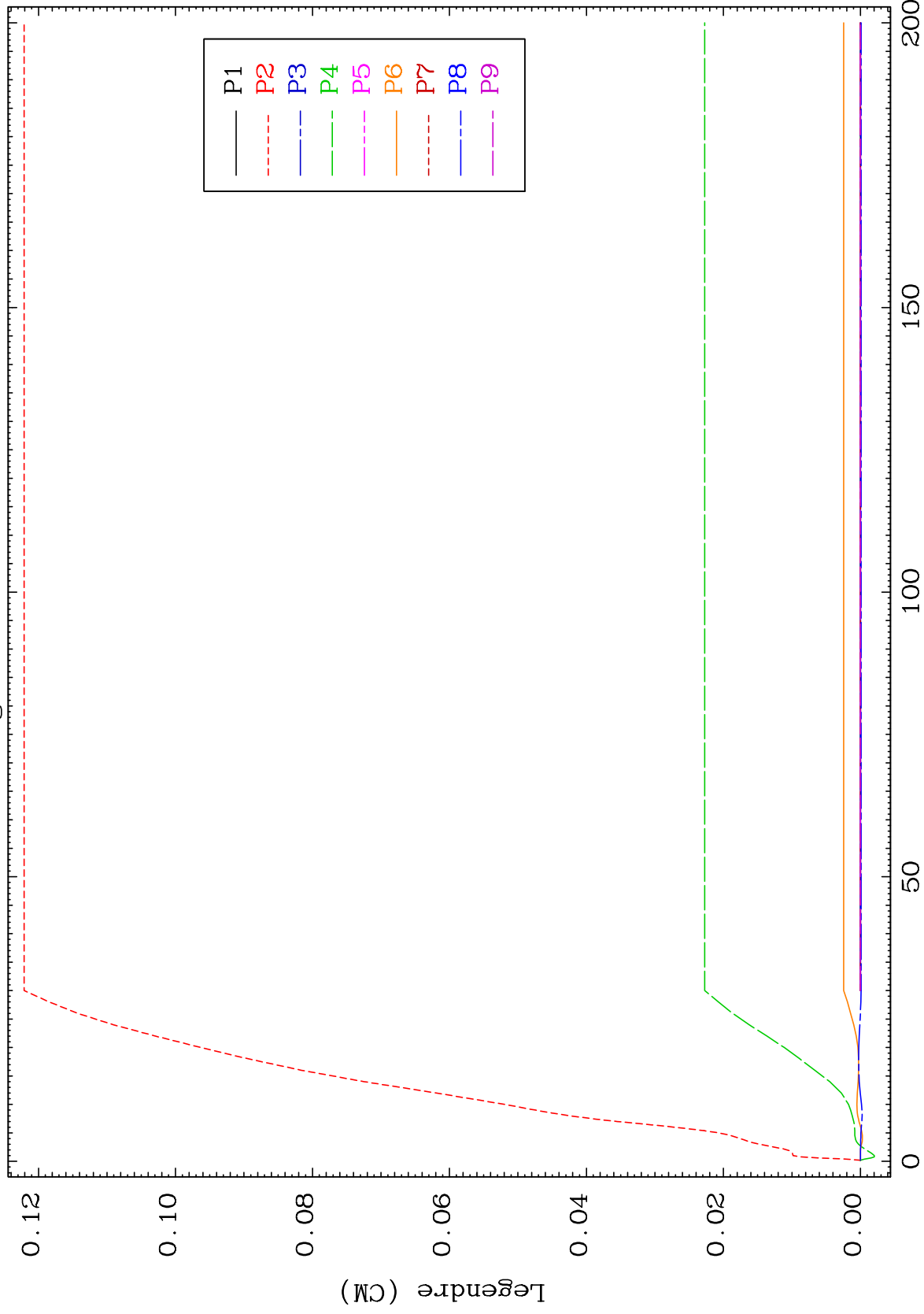
Incident Energy (MeV)

48

MAT 6328

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

63-Eu-152



49

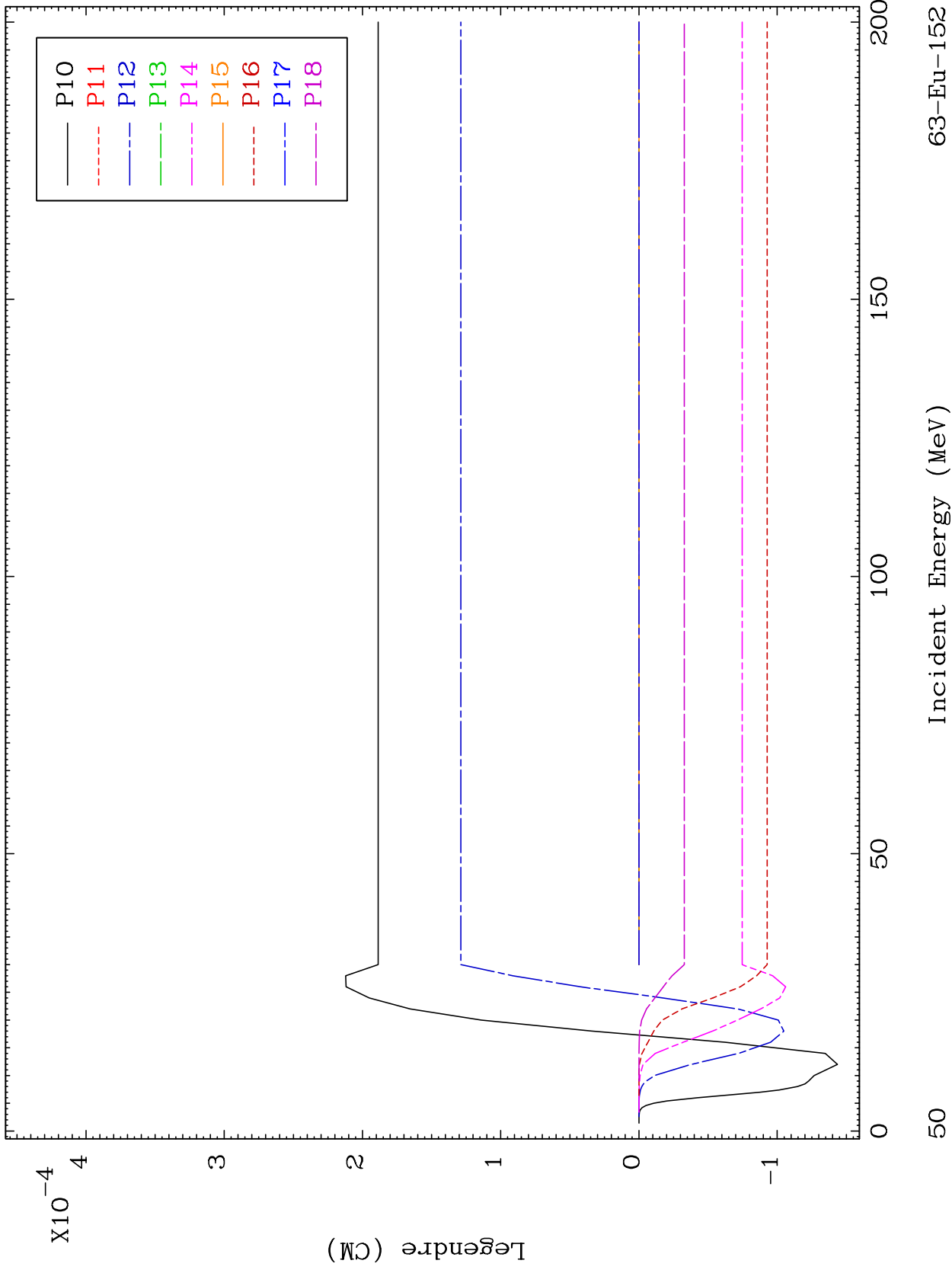
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152

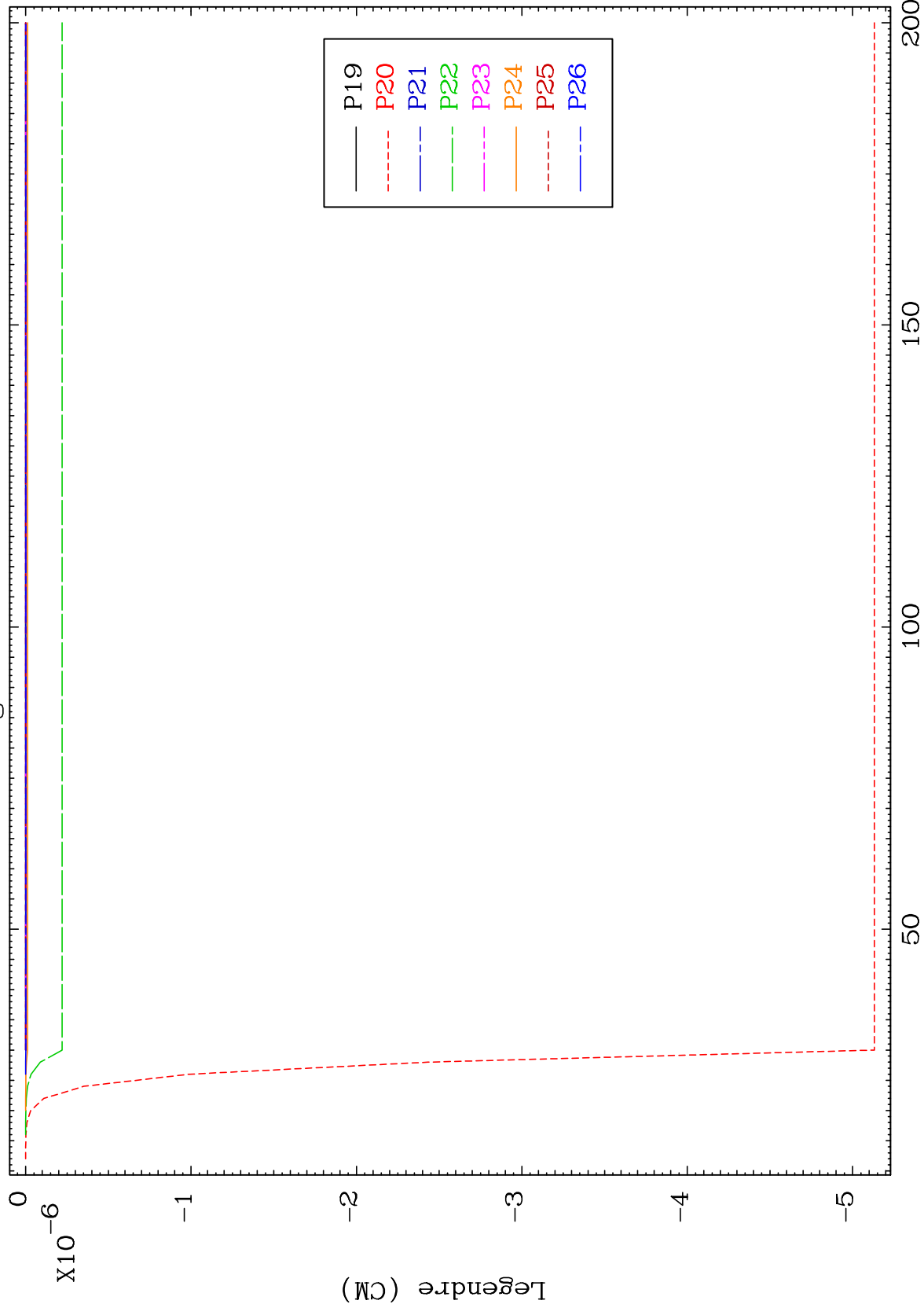


63-Eu-152

MAT 6328

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

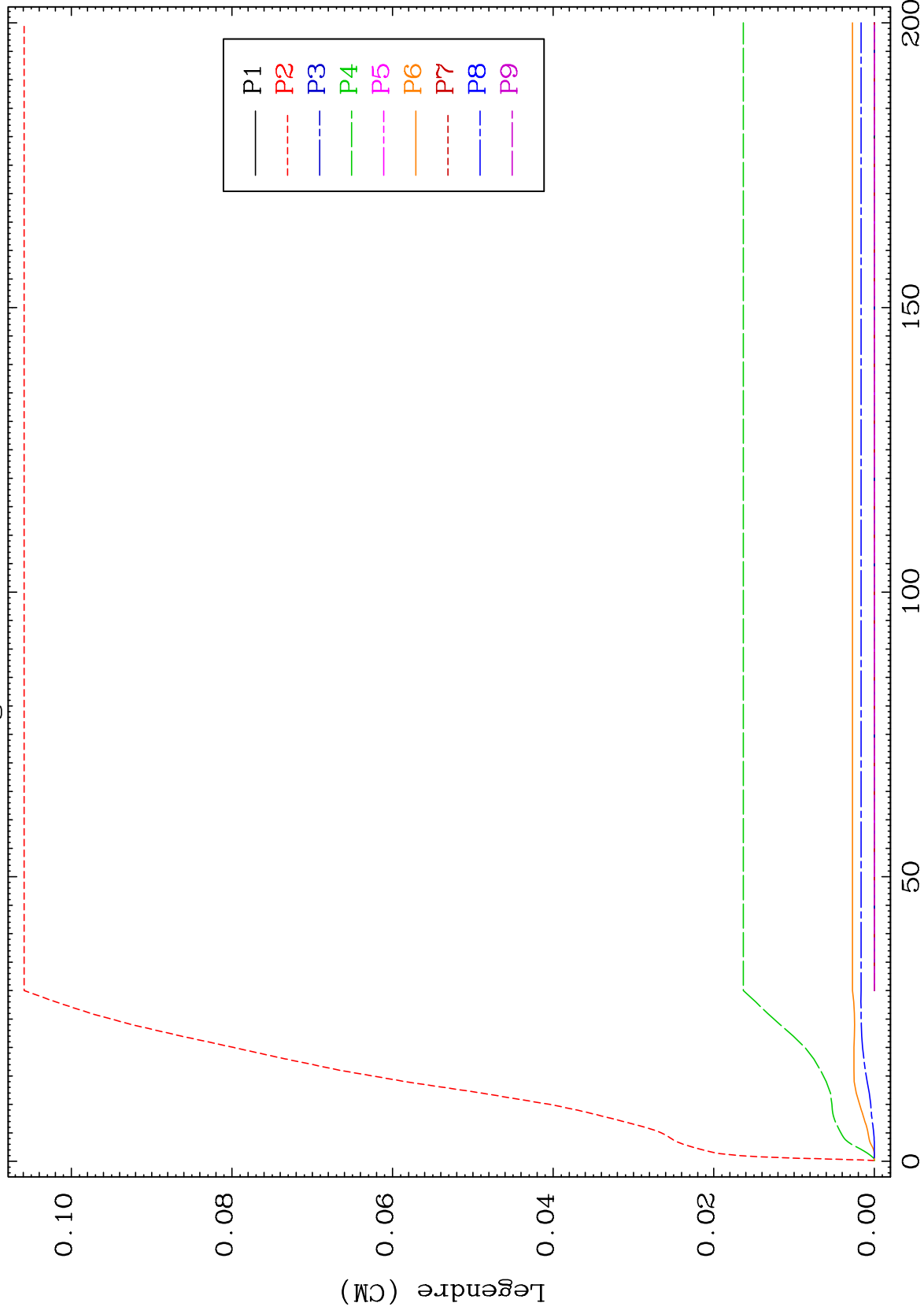
63-Eu-152



MAT 6328

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

63-Eu-152



63-Eu-152

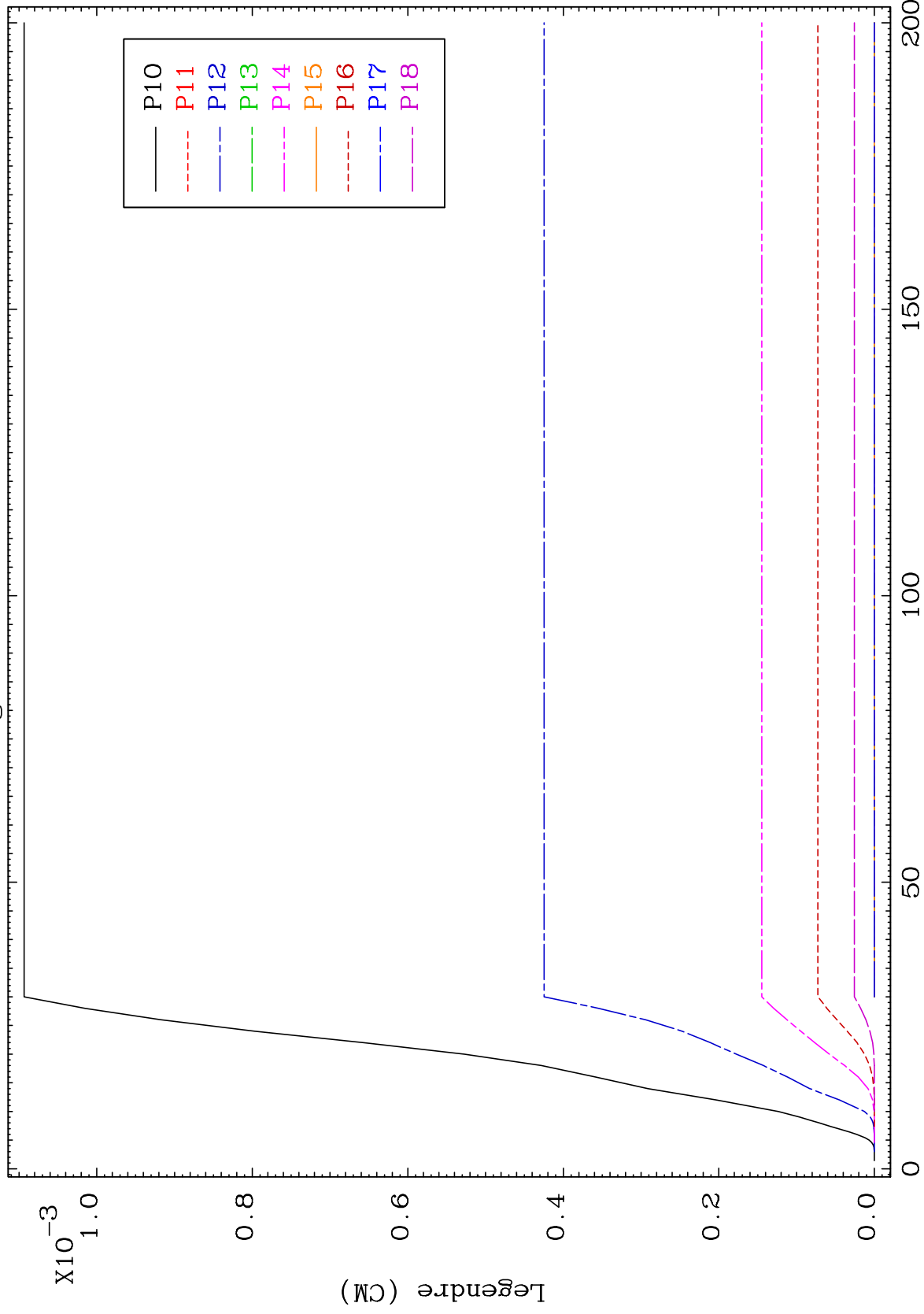
Incident Energy (MeV)

52

MAT 6328

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

63-Eu-152



53

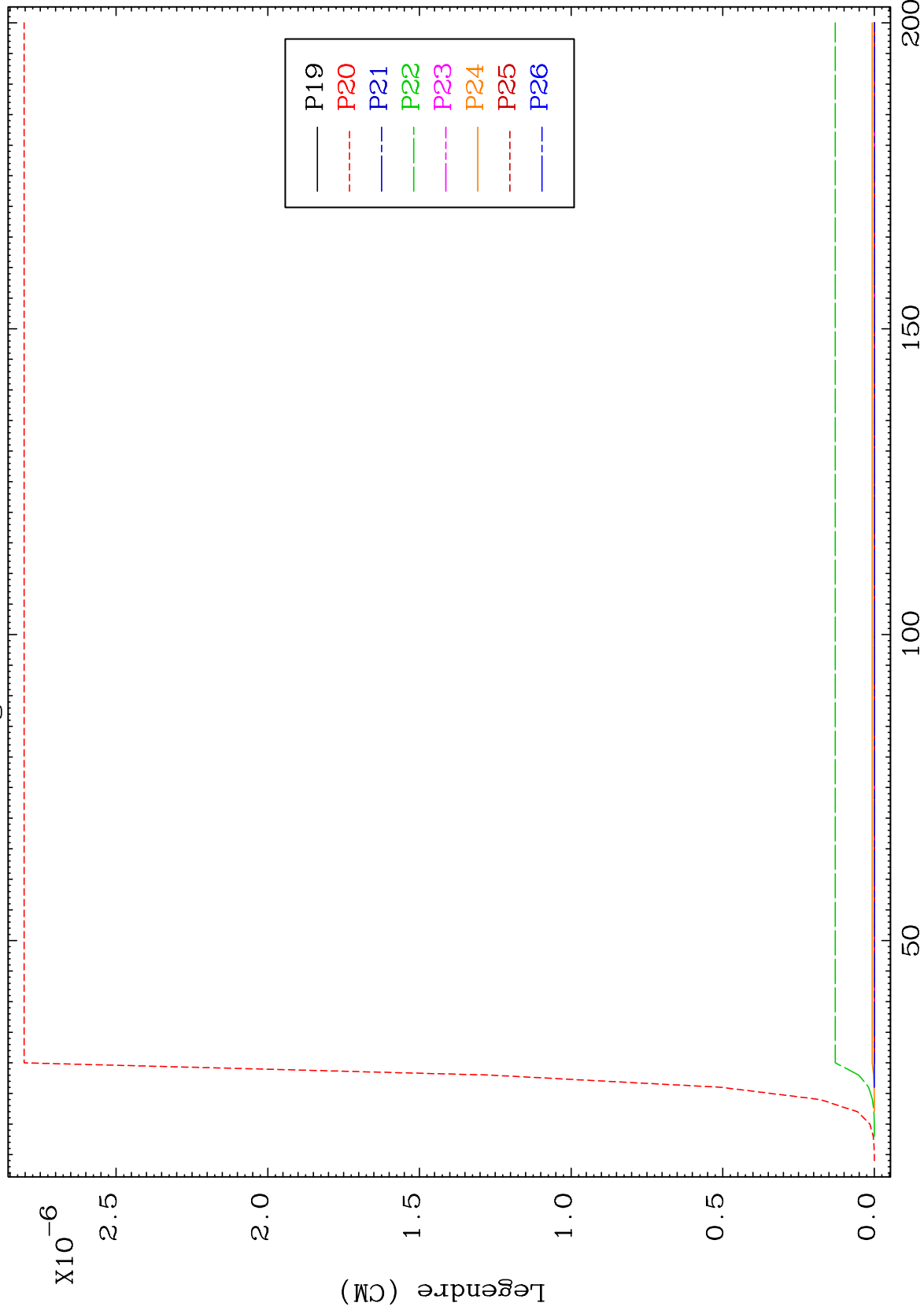
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

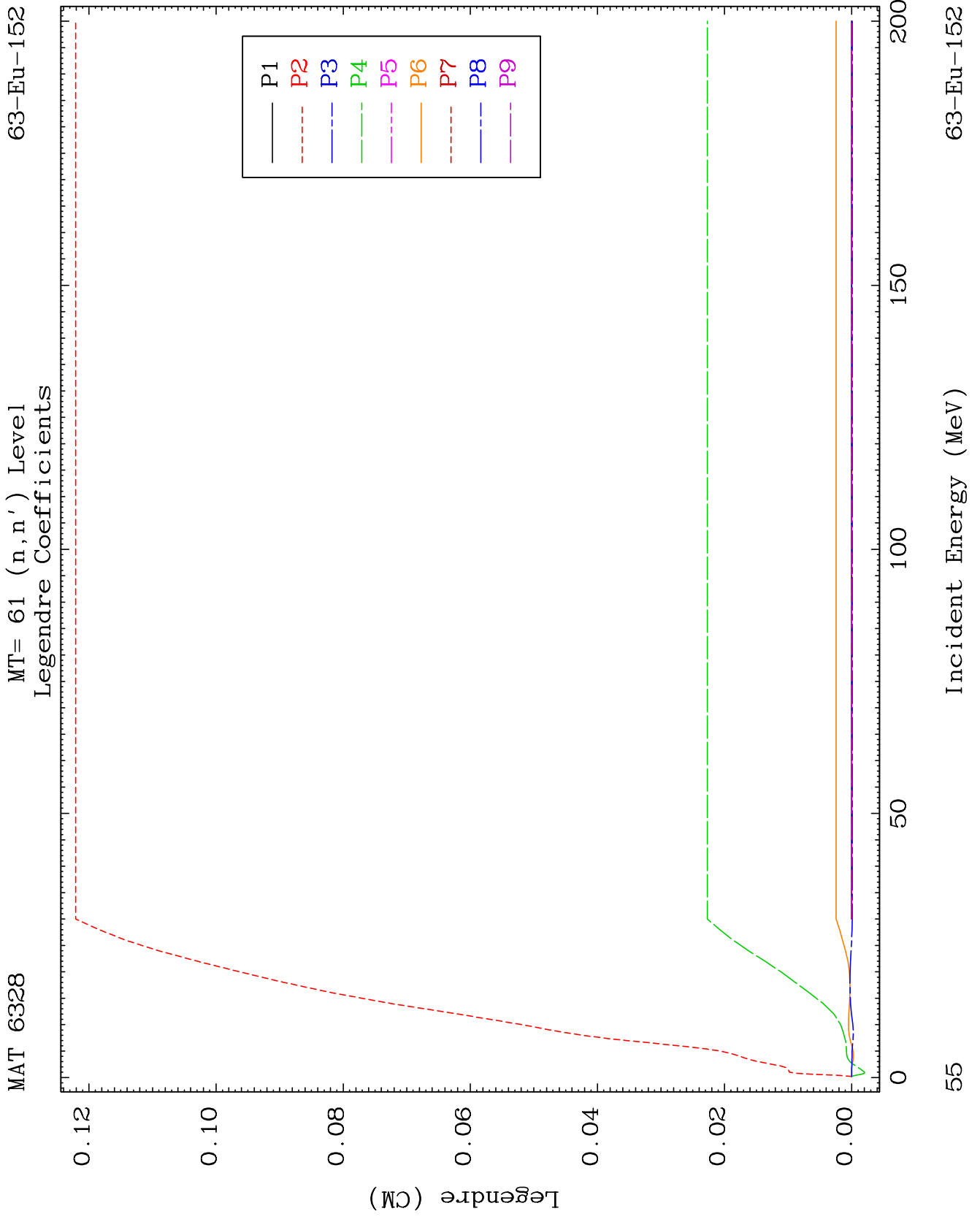
63-Eu-152



54

Incident Energy (MeV)

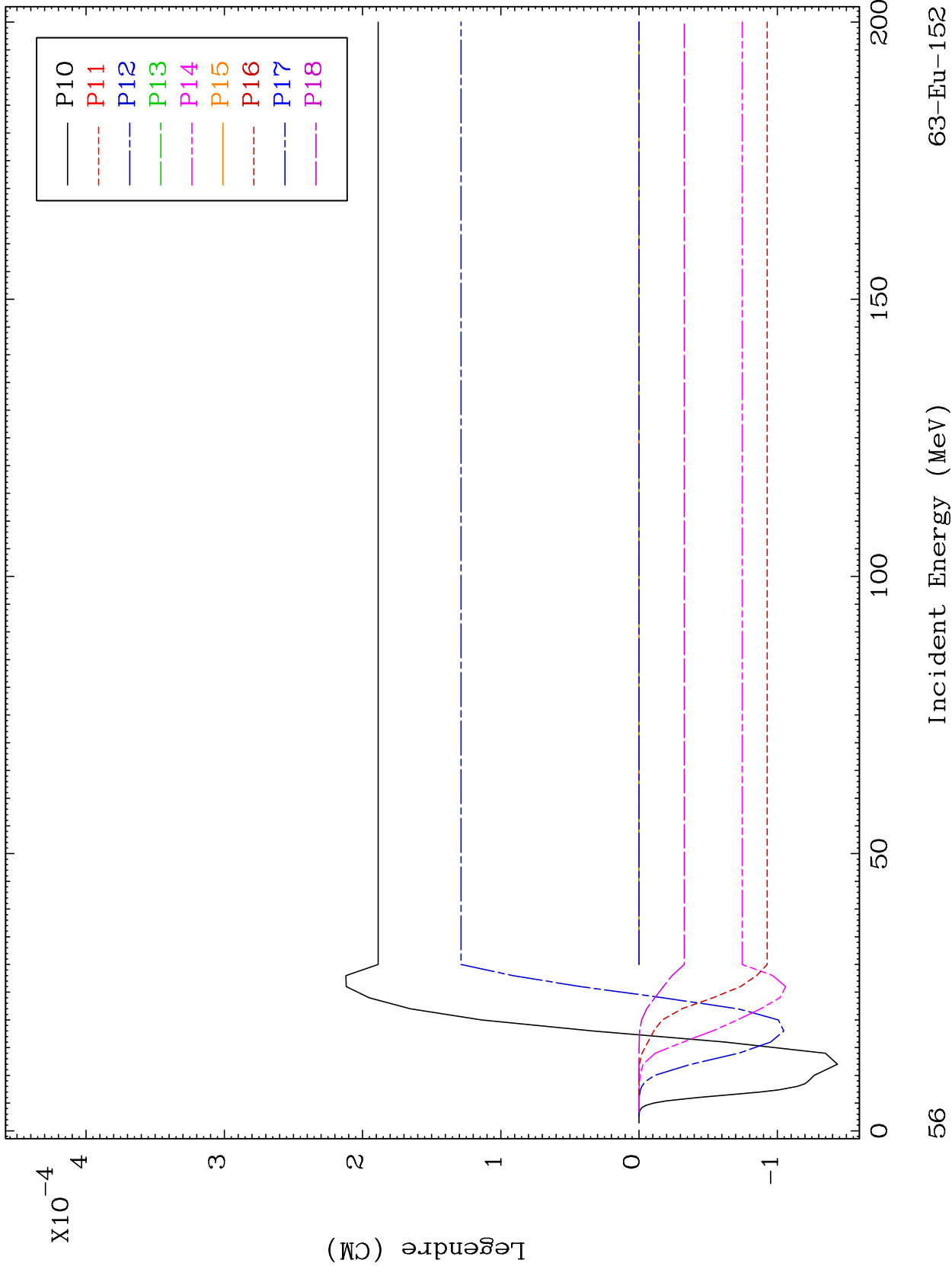
63-Eu-152



MAT 6328

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

63-Eu-152



63-Eu-152

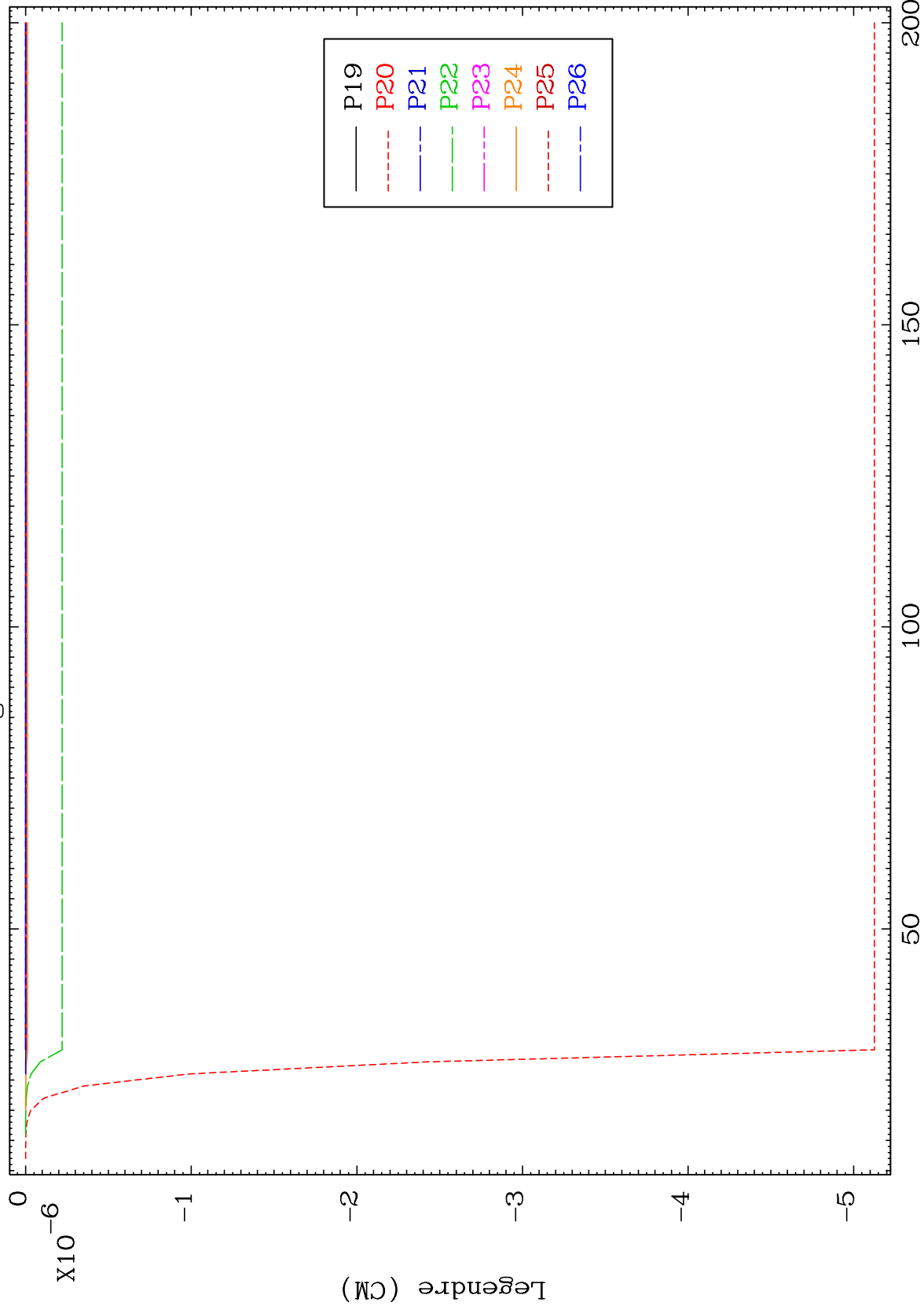
Incident Energy (MeV)

56

MAT 6328

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

63-Eu-152



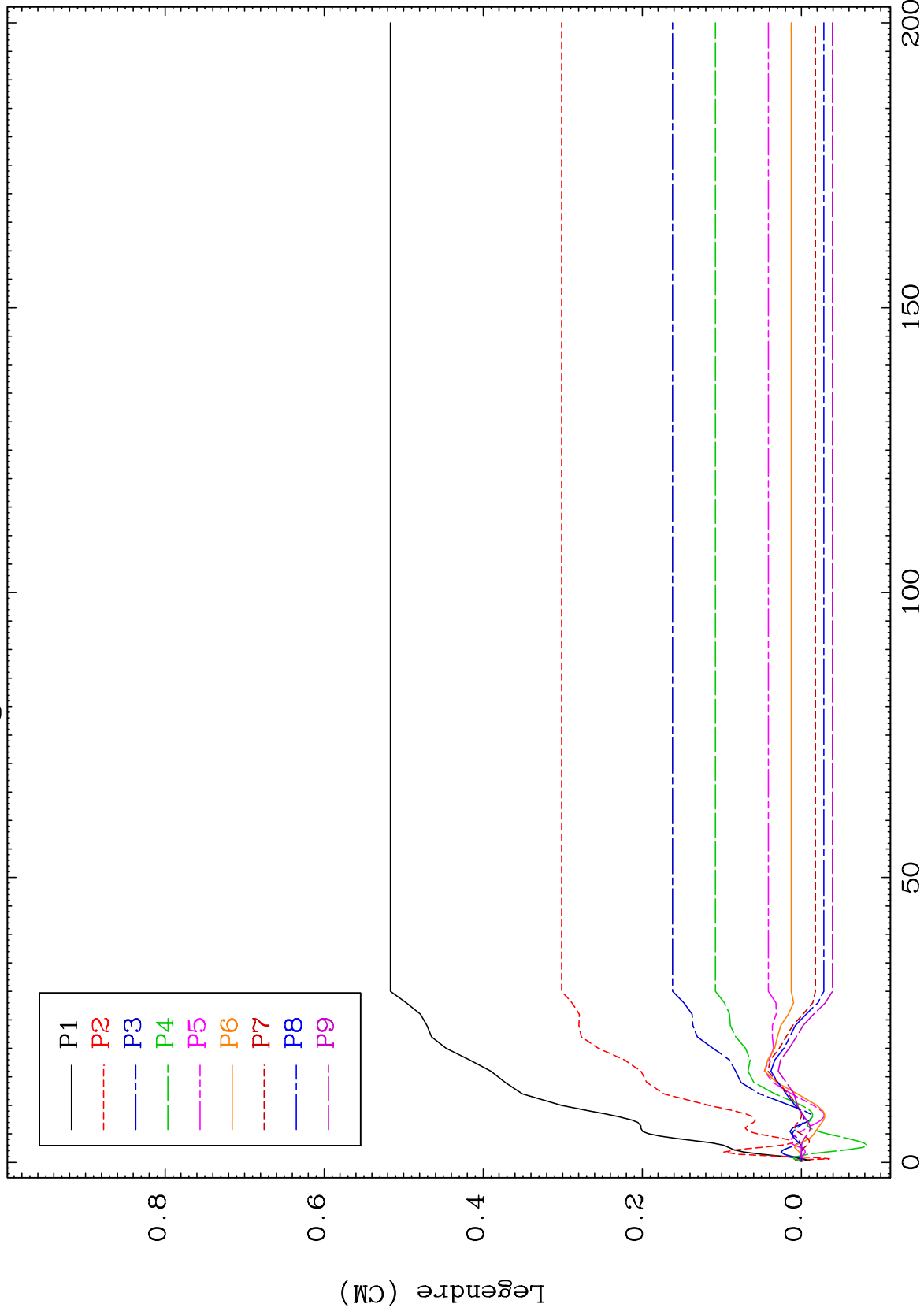
63-Eu-152

57

MAT 6328

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

63-Eu-152



58

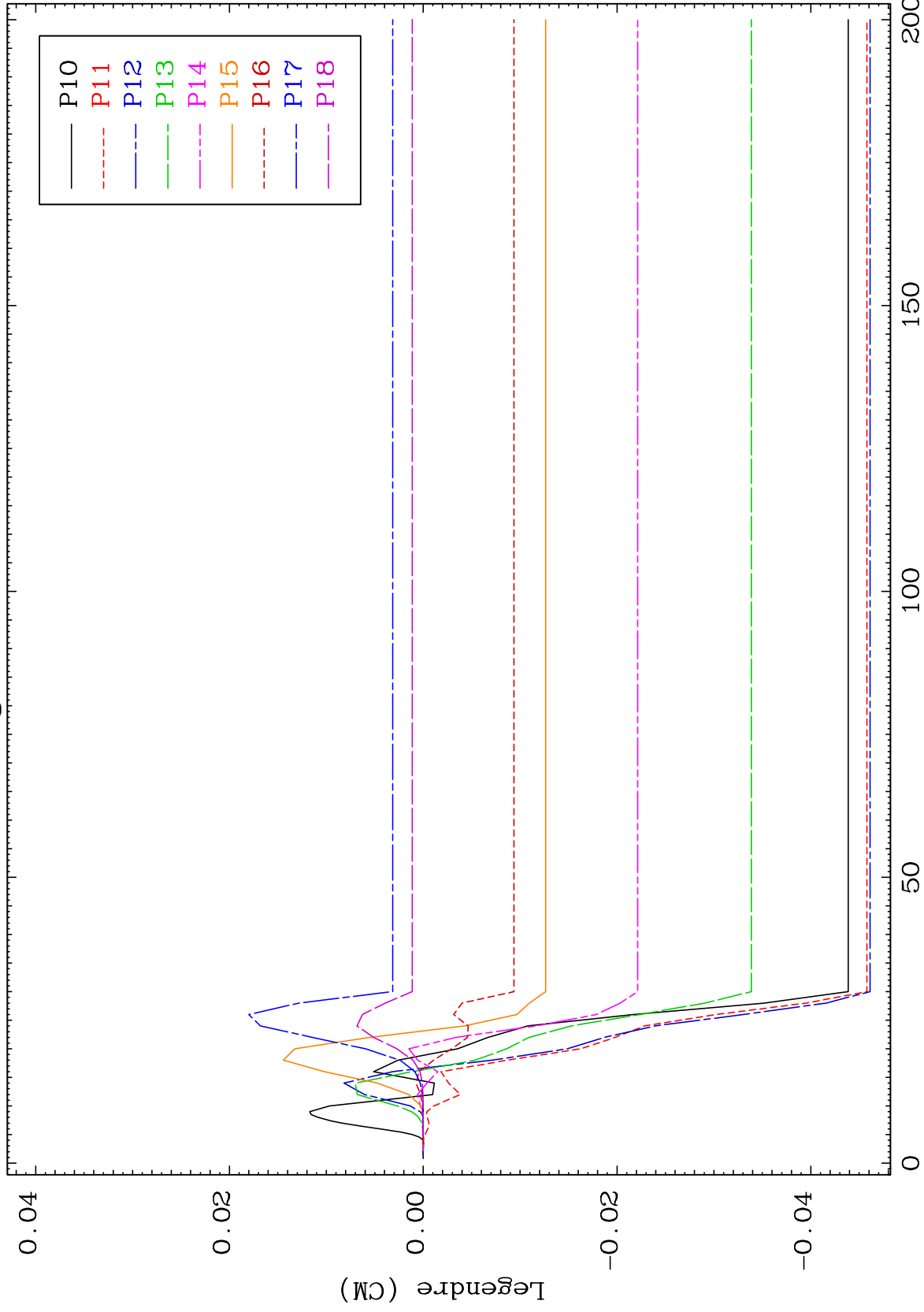
63-Eu-152

63-Eu-152

MAT 6328

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

63-Eu-152



59

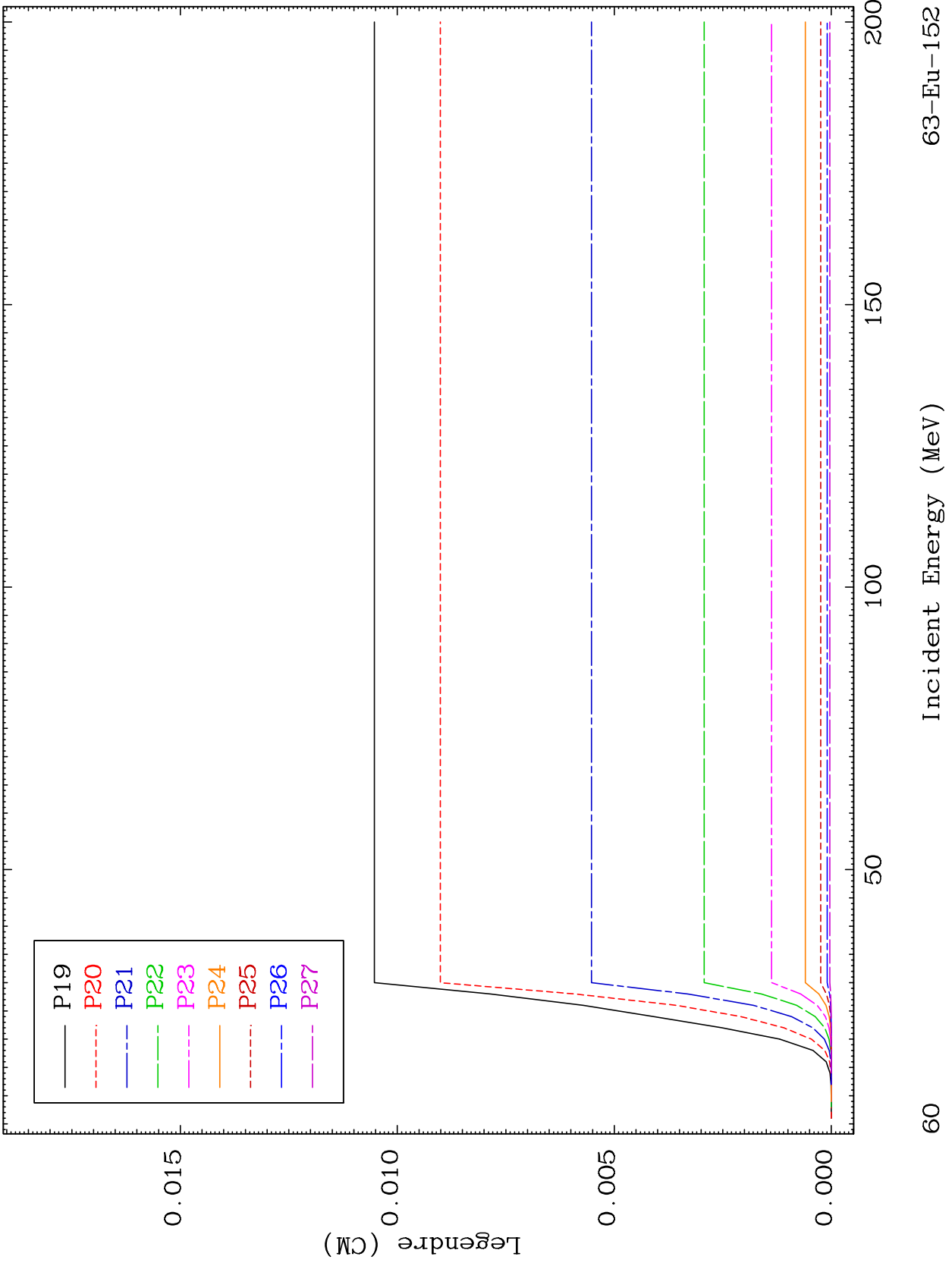
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

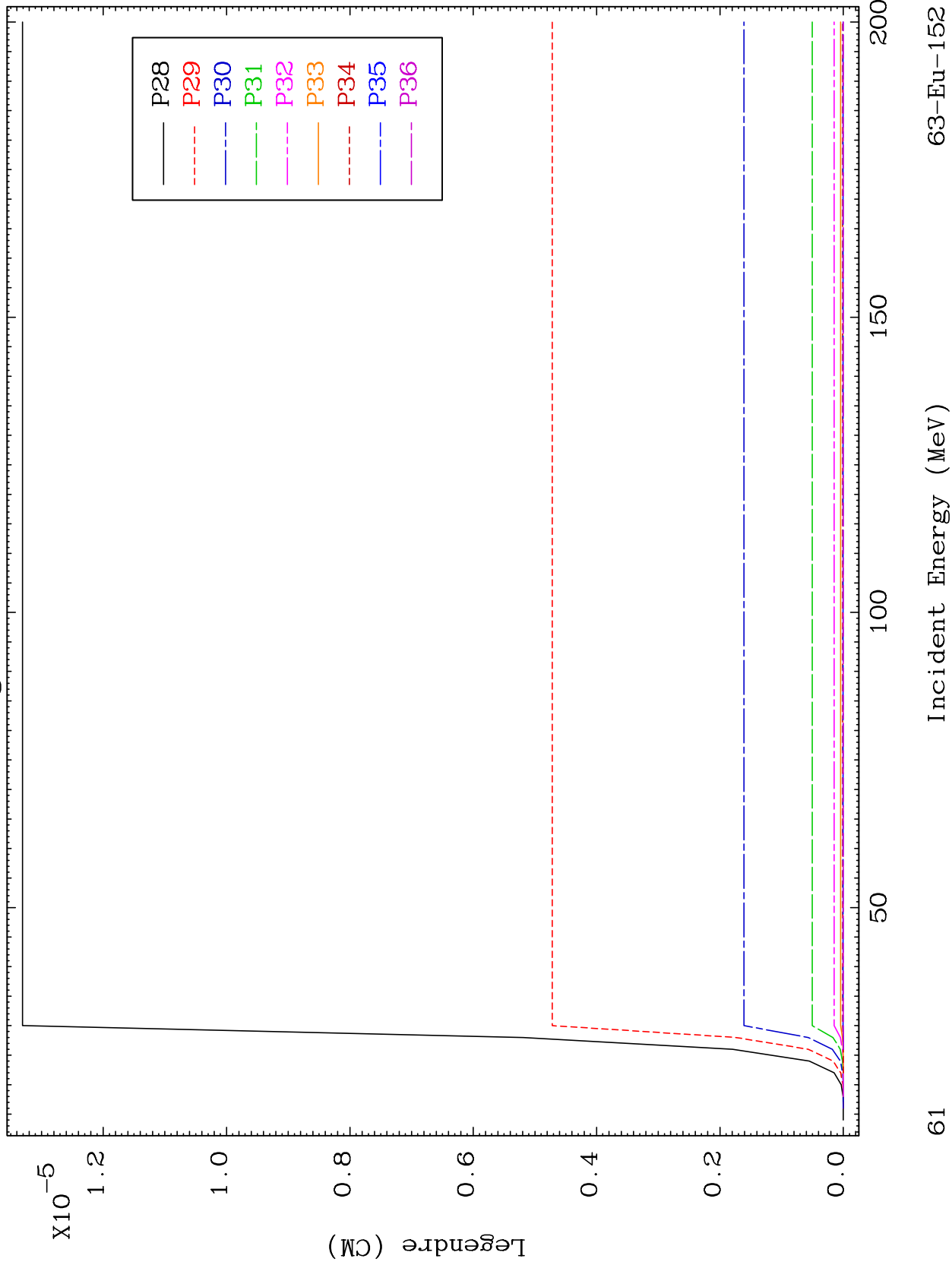
Incident Energy (MeV)

60

MAT 6328

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

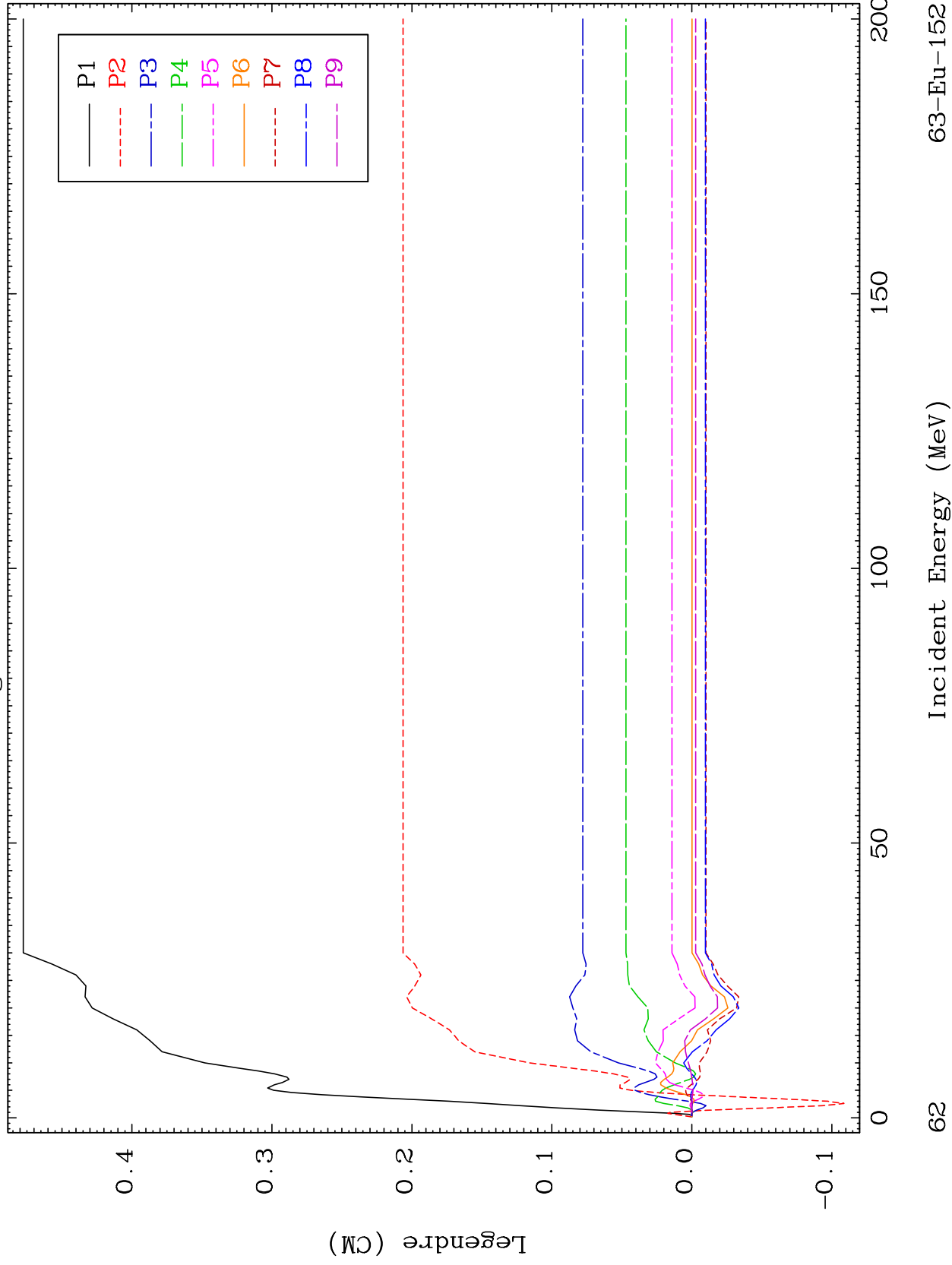
63-Eu-152



MAT 6328

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

63-Eu-152



63-Eu-152

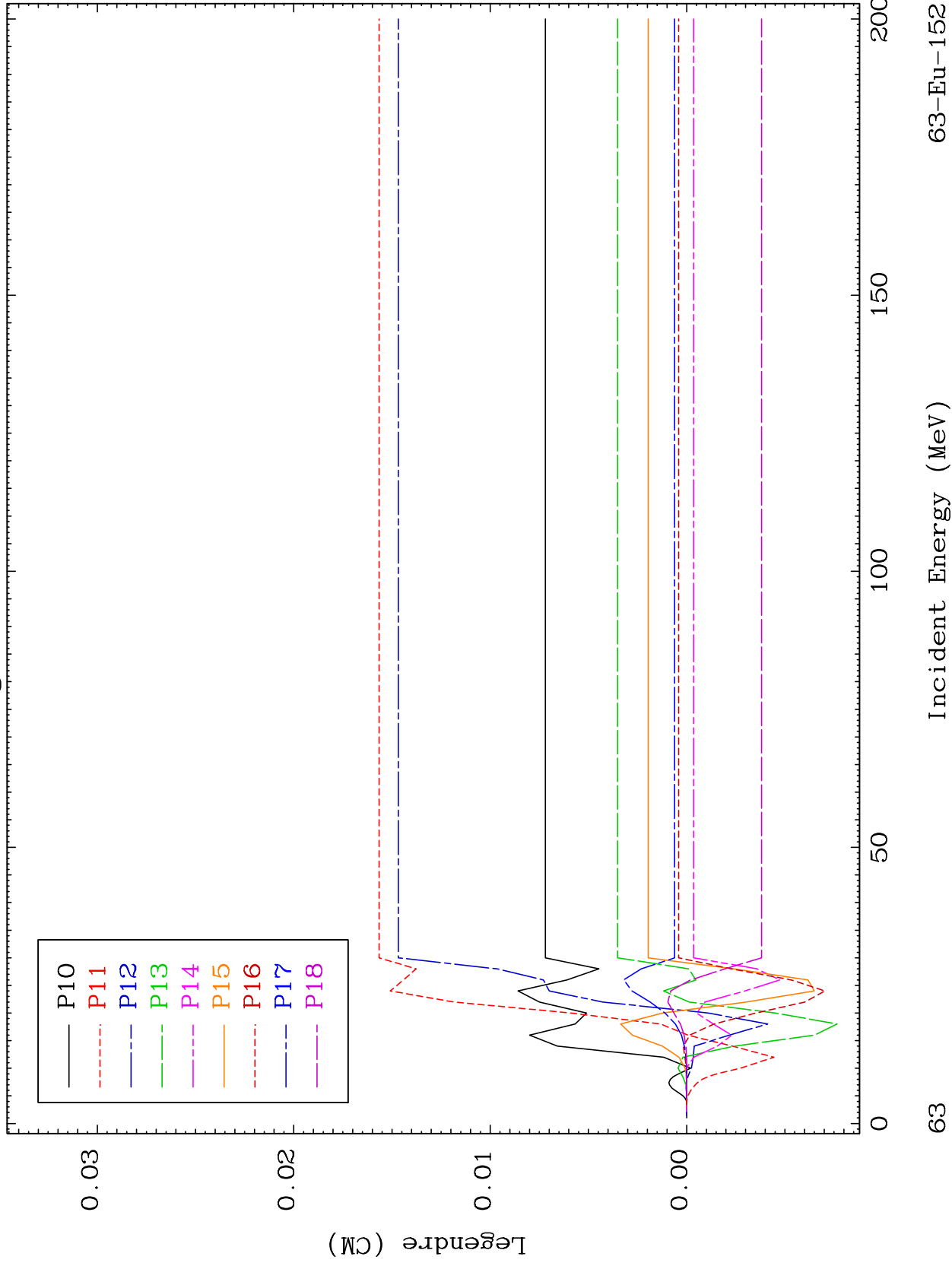
Incident Energy (MeV)

62

MAT 6328

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

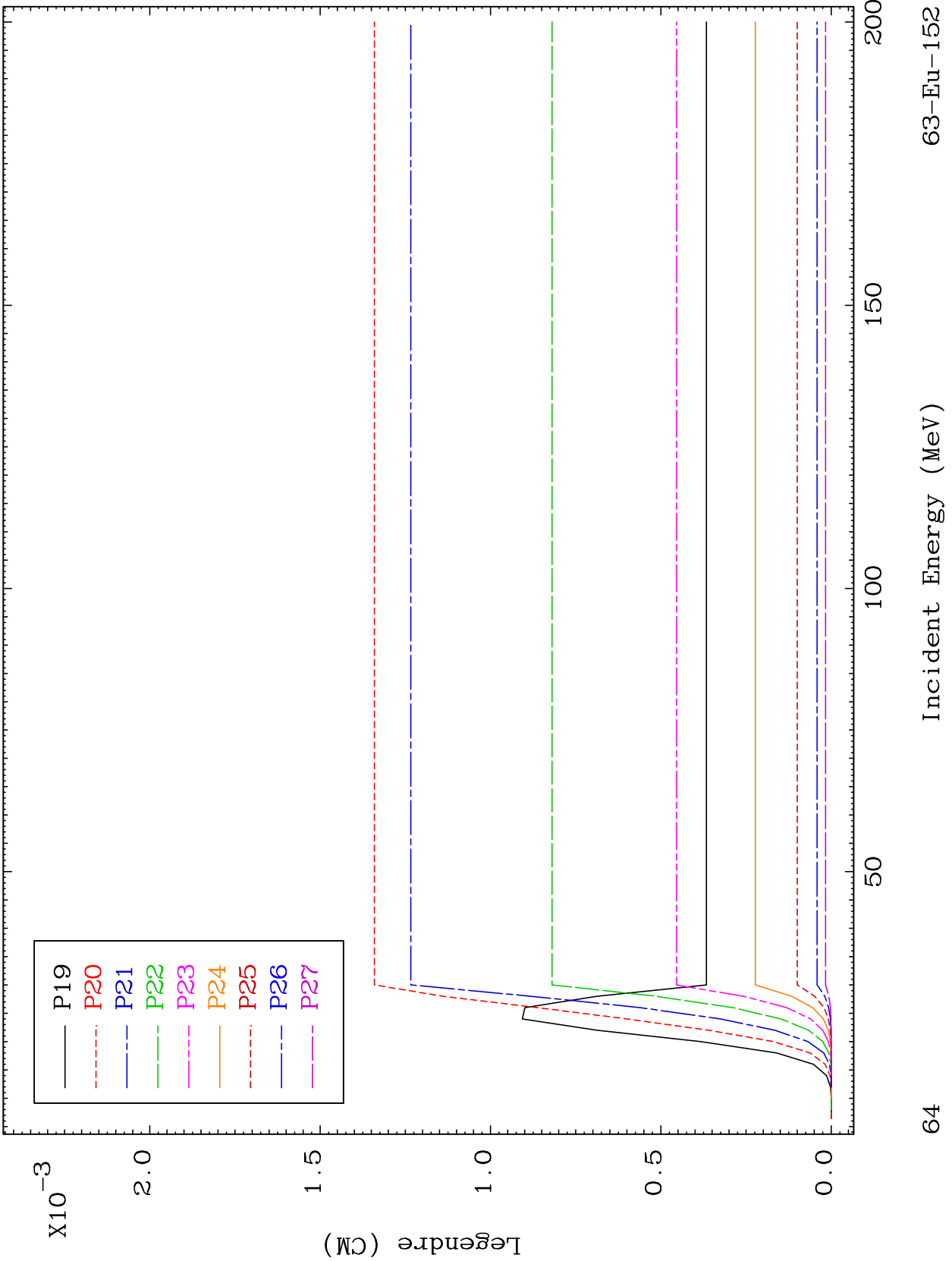
63-Eu-152



63-Eu-152

Incident Energy (MeV)

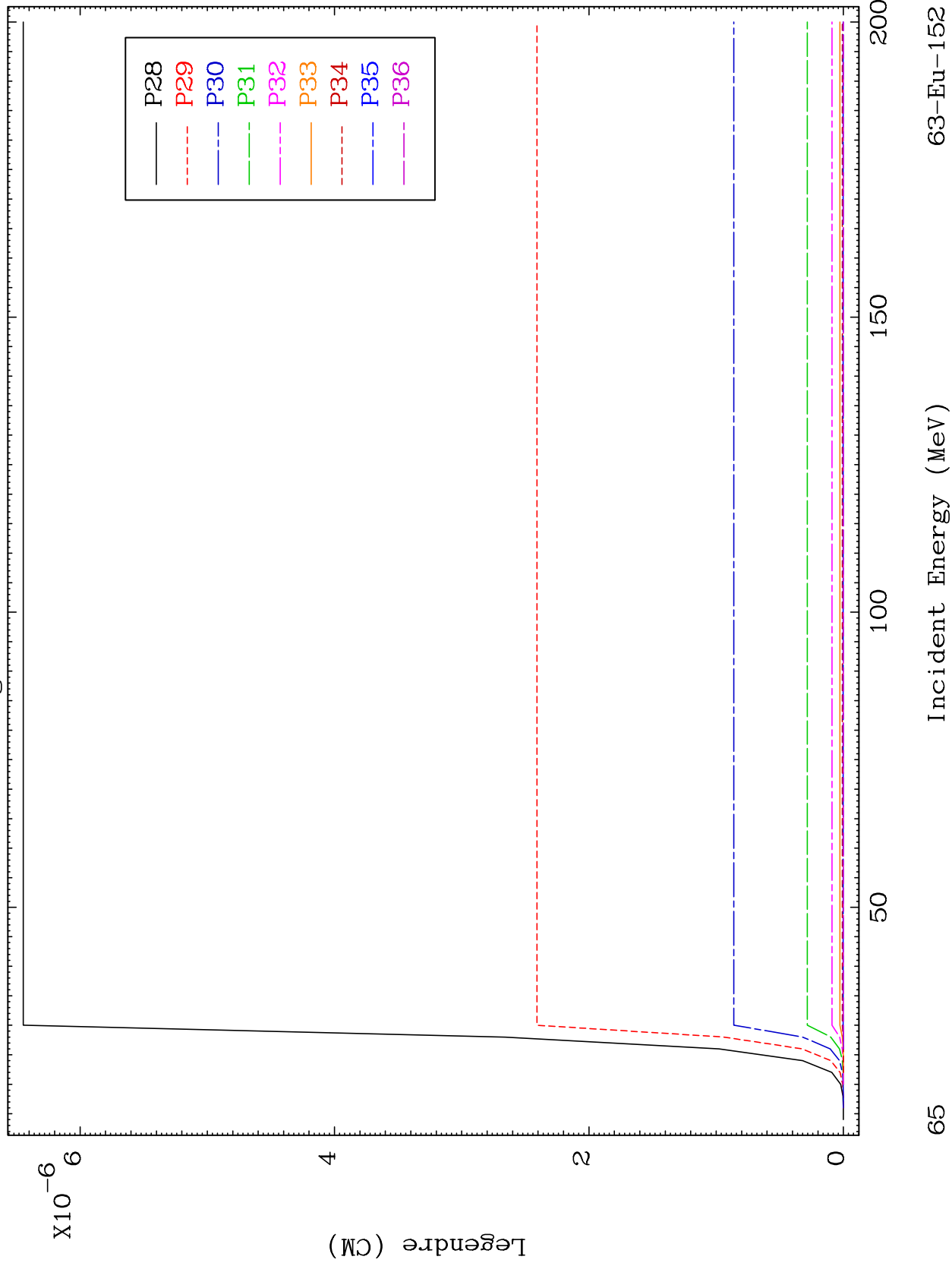
63



MAT 6328

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

63-Eu-152



65

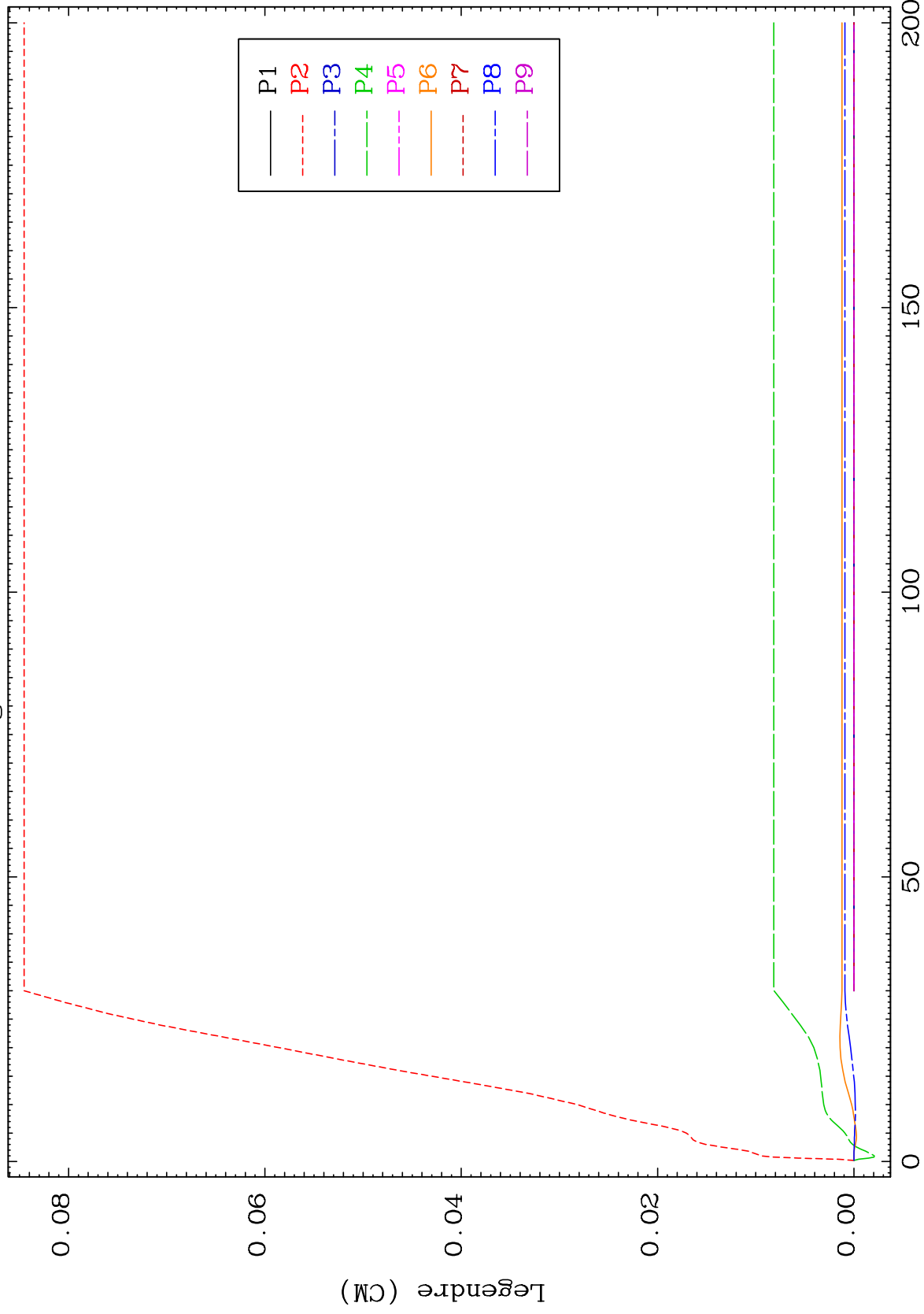
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



66

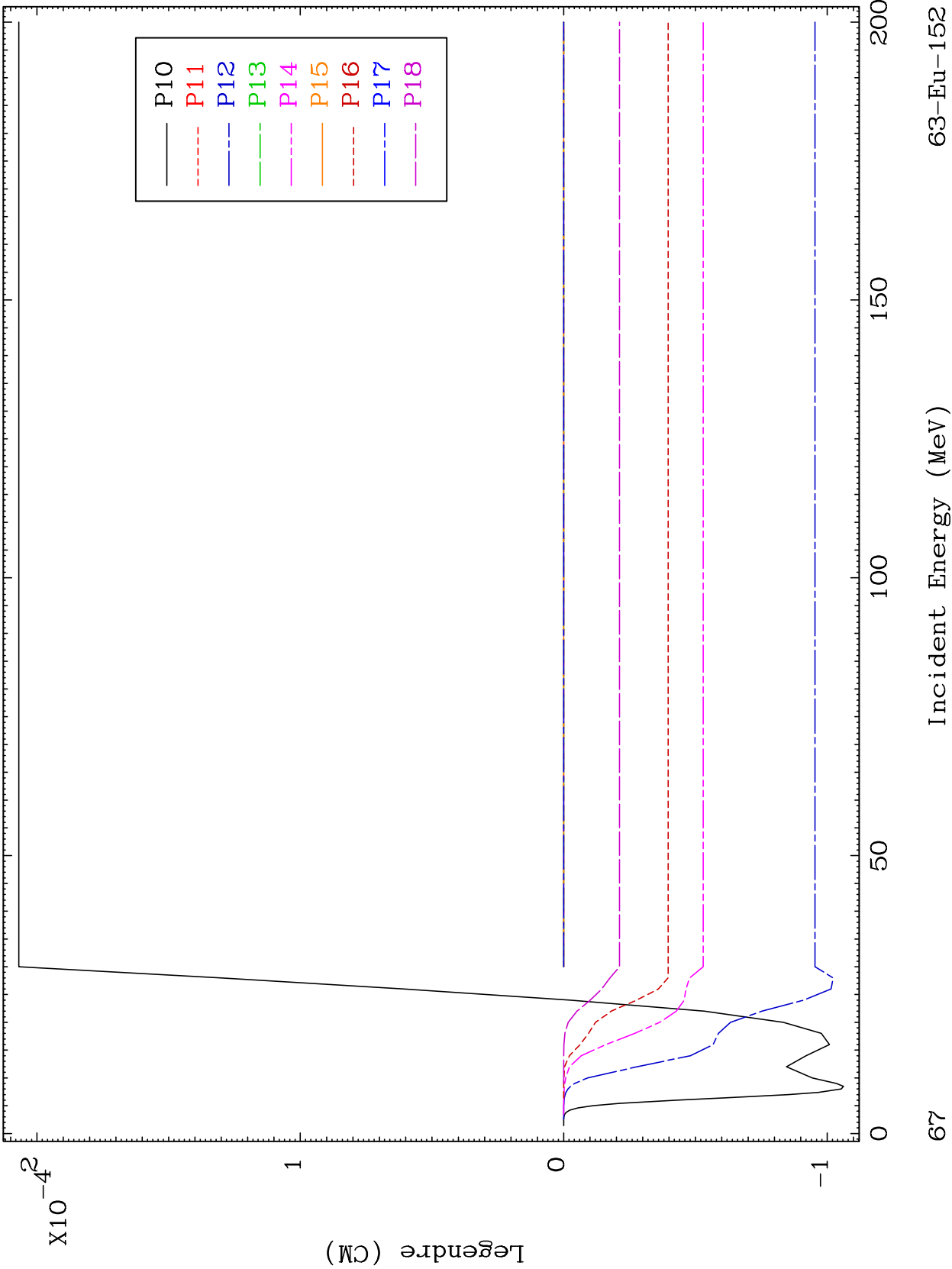
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

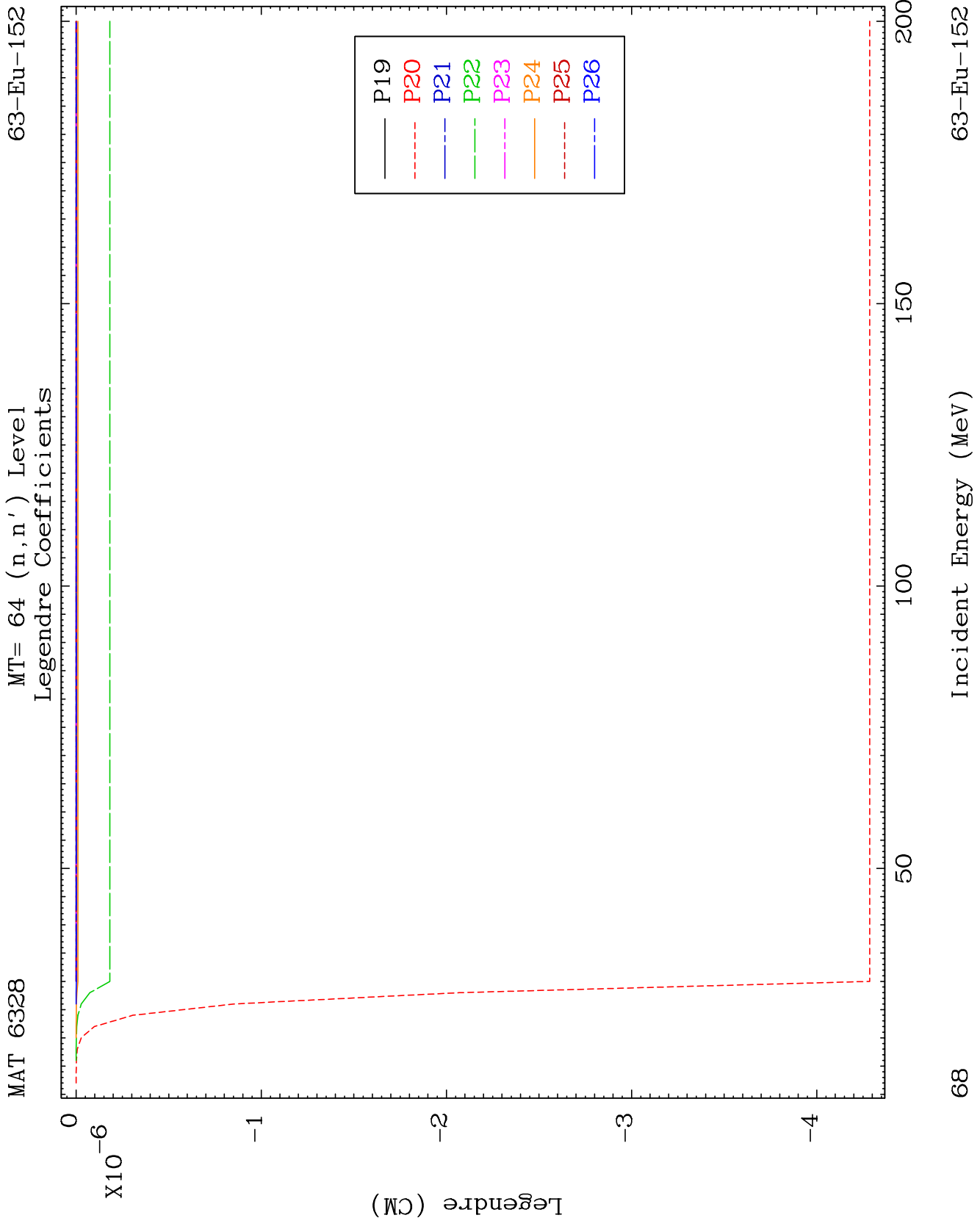
63-Eu-152



63-Eu-152

Incident Energy (MeV)

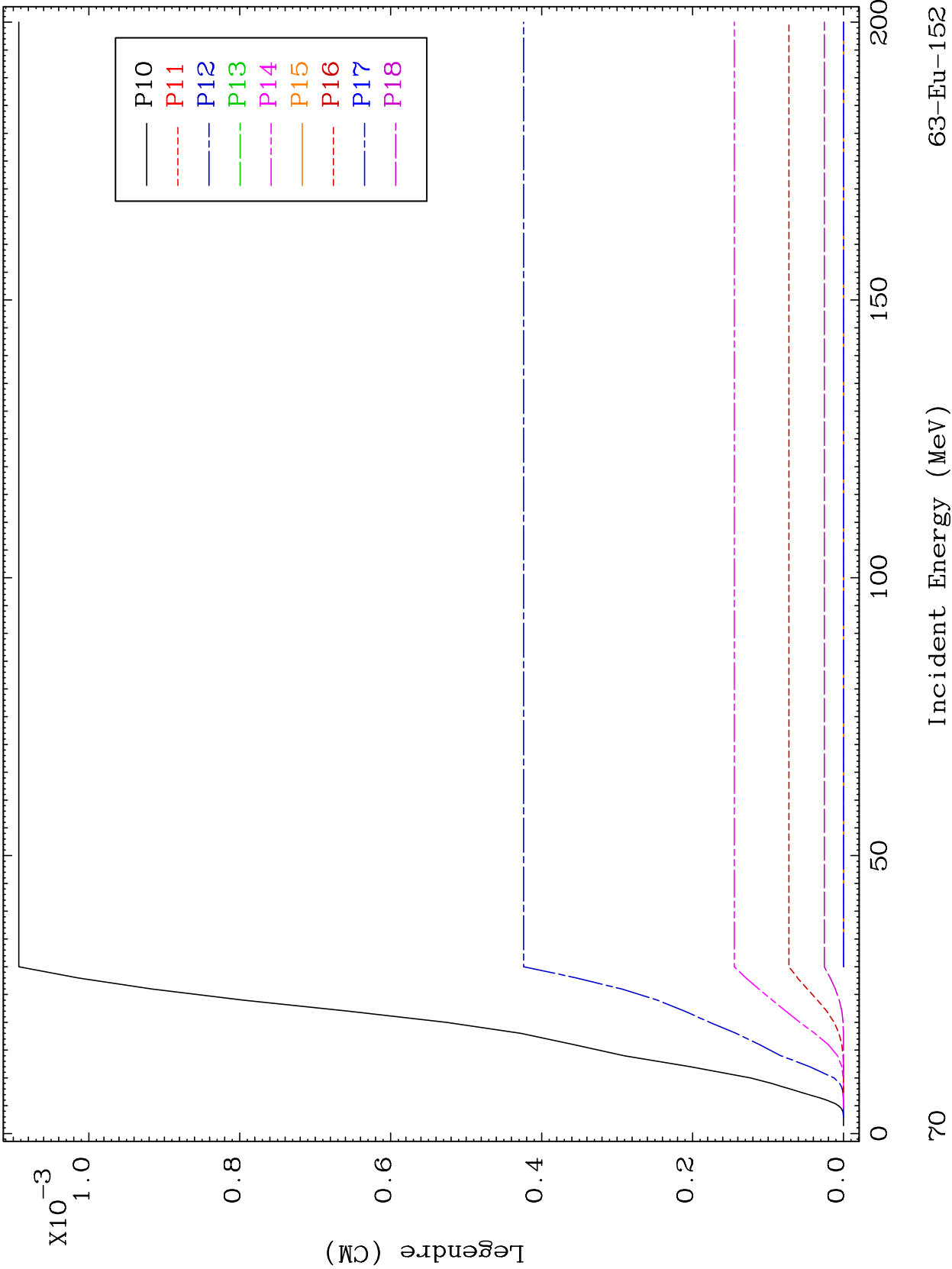
67



MAT 6328

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

63-Eu-152



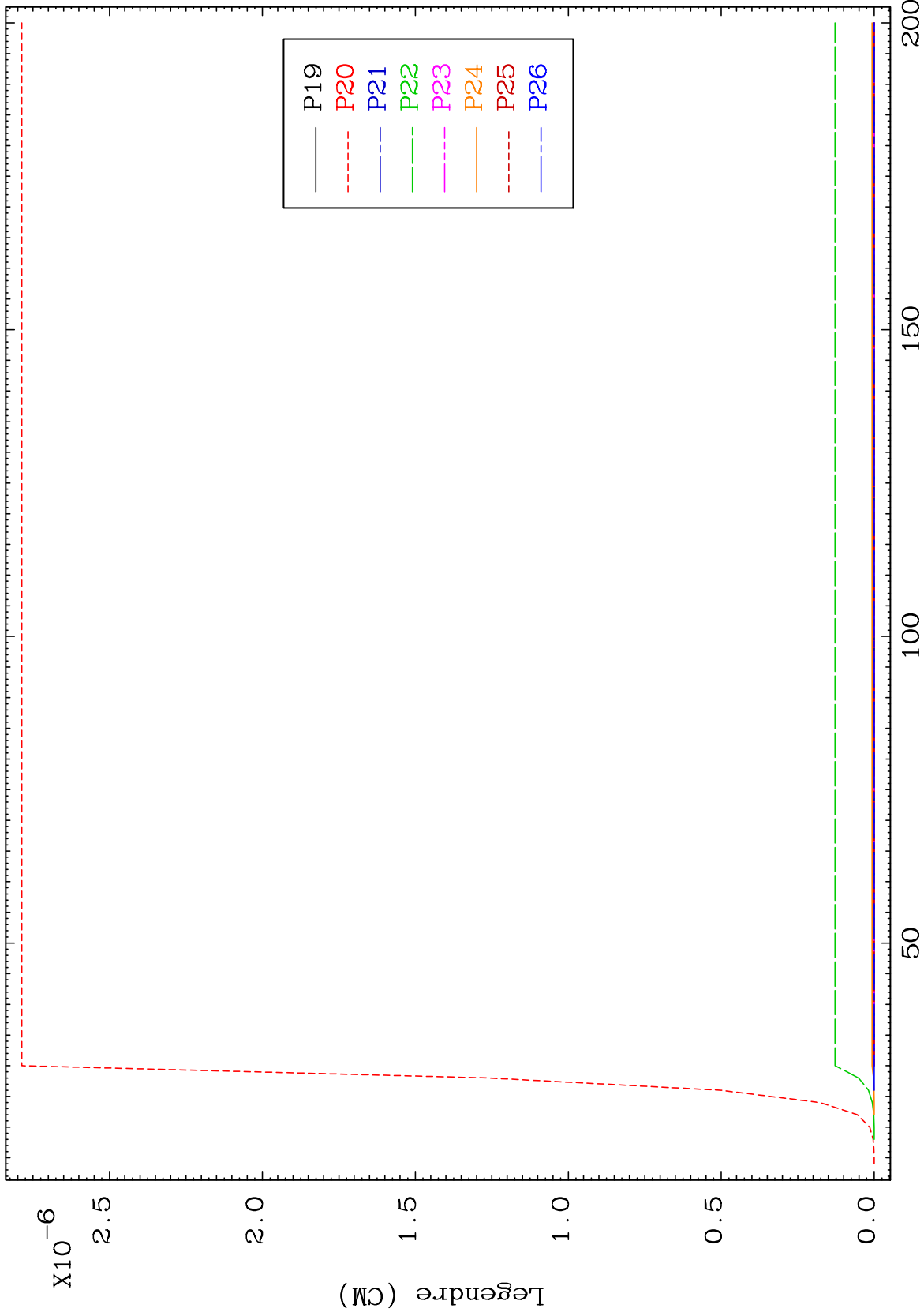
63-Eu-152

Incident Energy (MeV)

MAT 6328

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

63-Eu-152



71

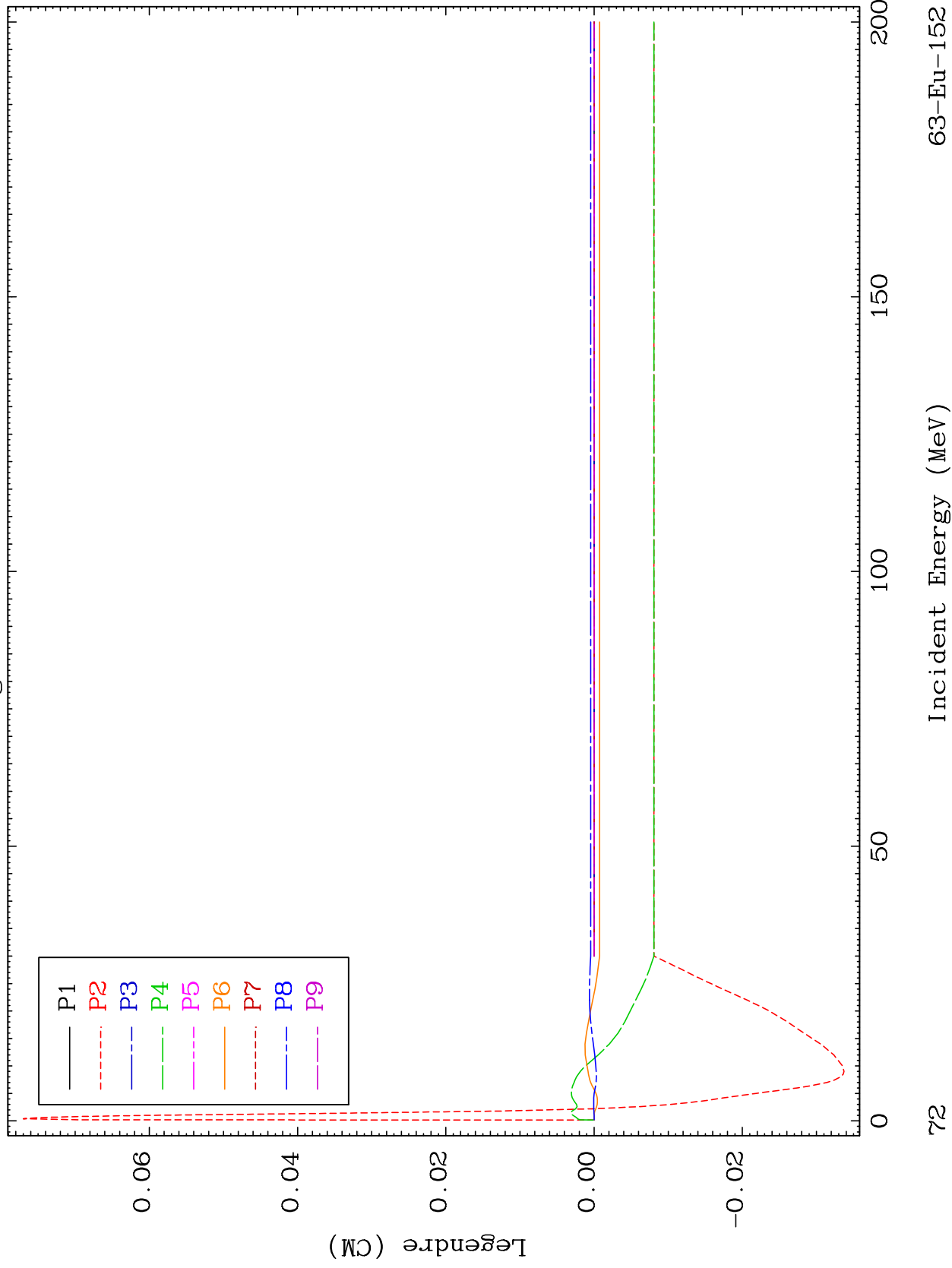
Incident Energy (MeV)

63-Eu-152

MAT 6328

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

63-Eu-152



63-Eu-152

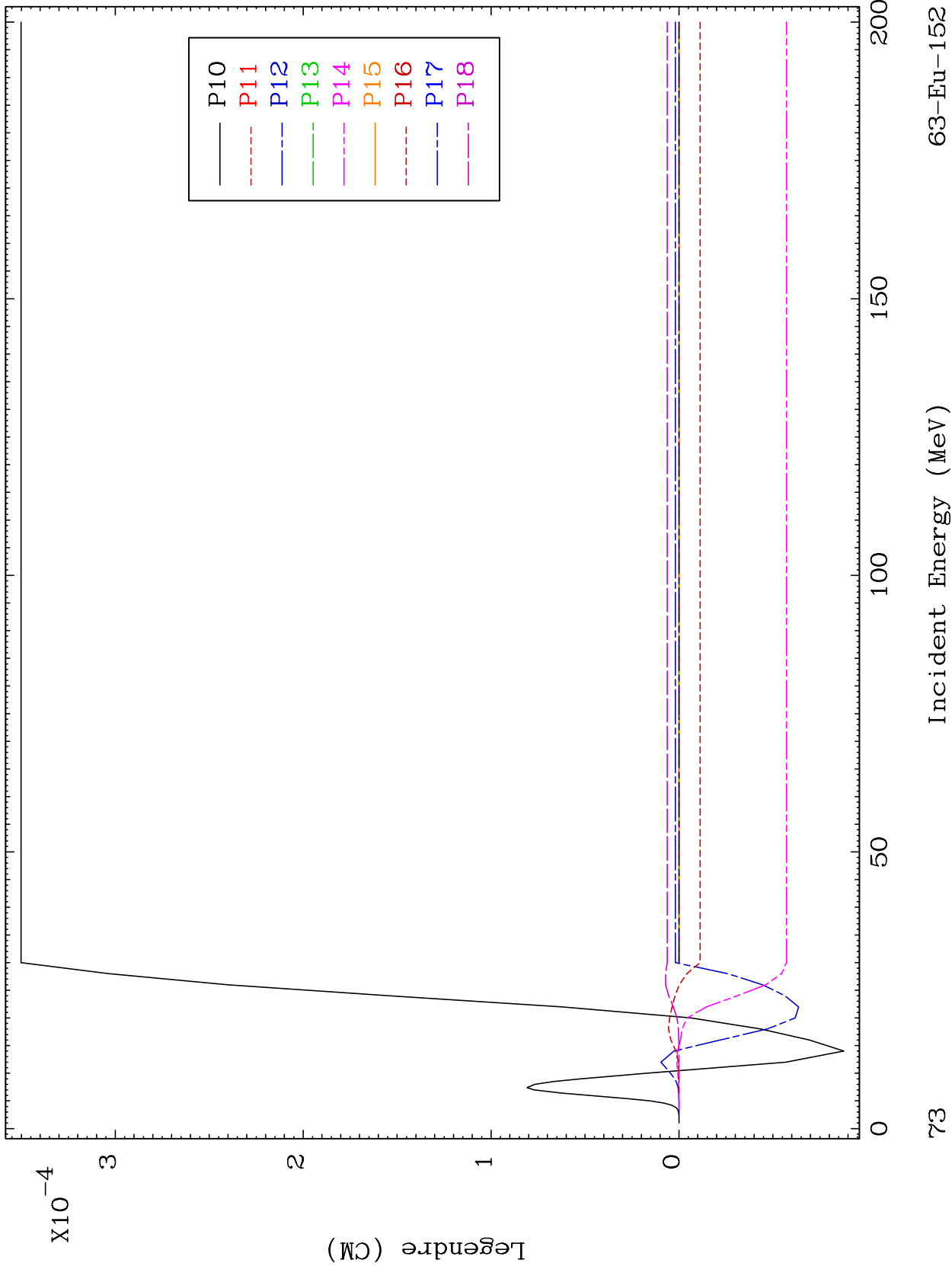
Incident Energy (MeV)

72

MAT 6328

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

63-Eu-152



63-Eu-152

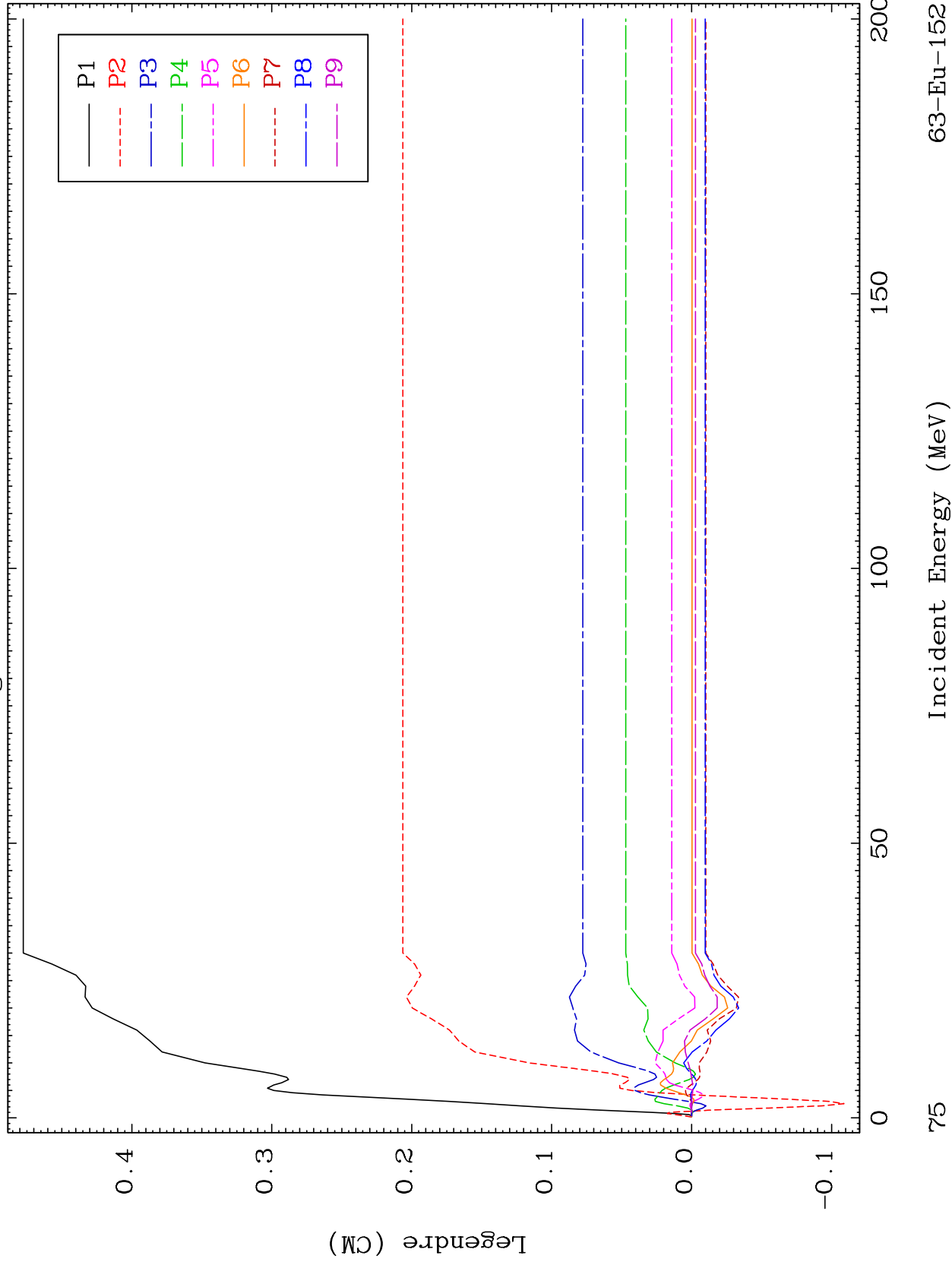
Incident Energy (MeV)

73

MAT 6328

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

63-Eu-152



63-Eu-152

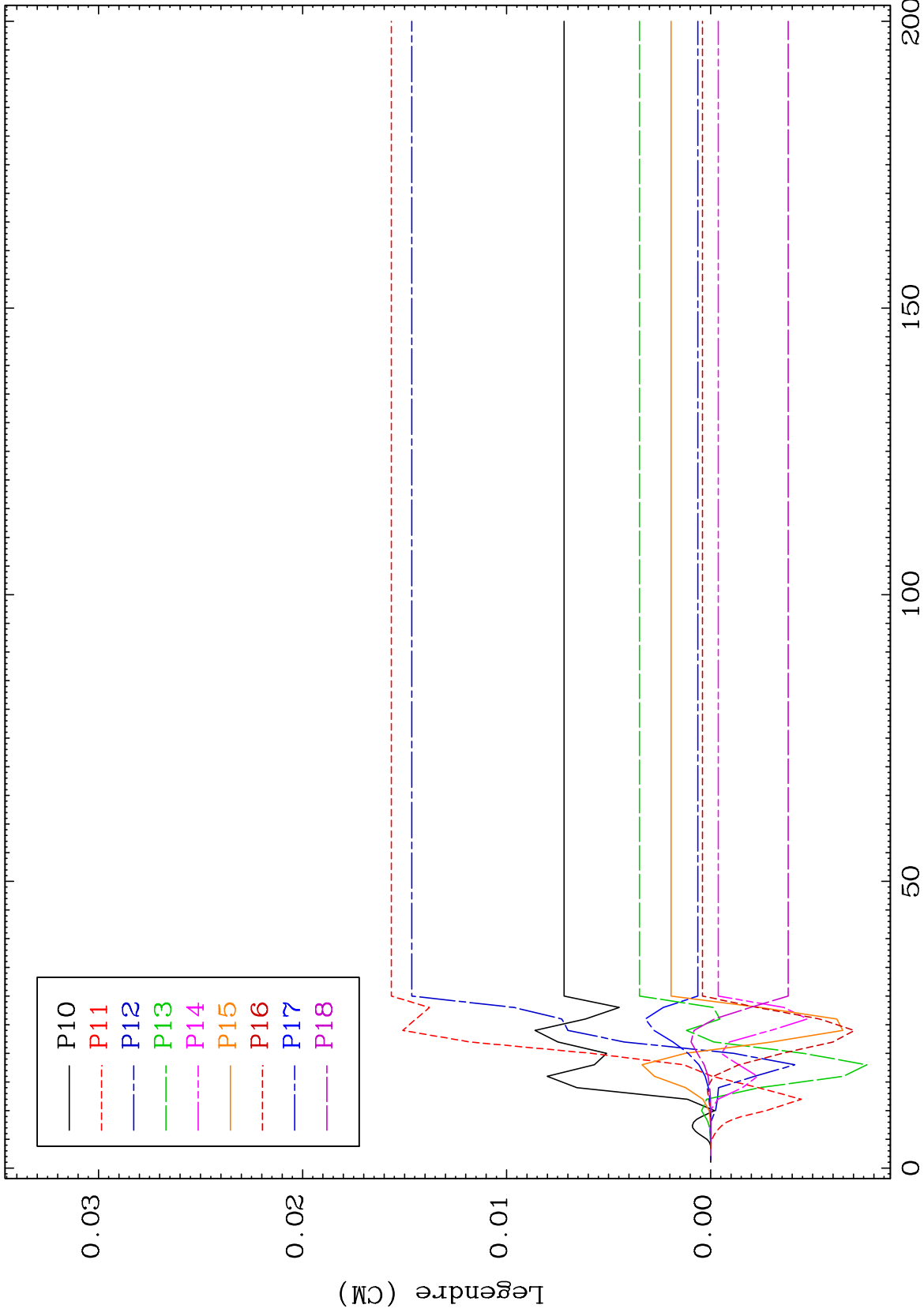
Incident Energy (MeV)

75

MAT 6328

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

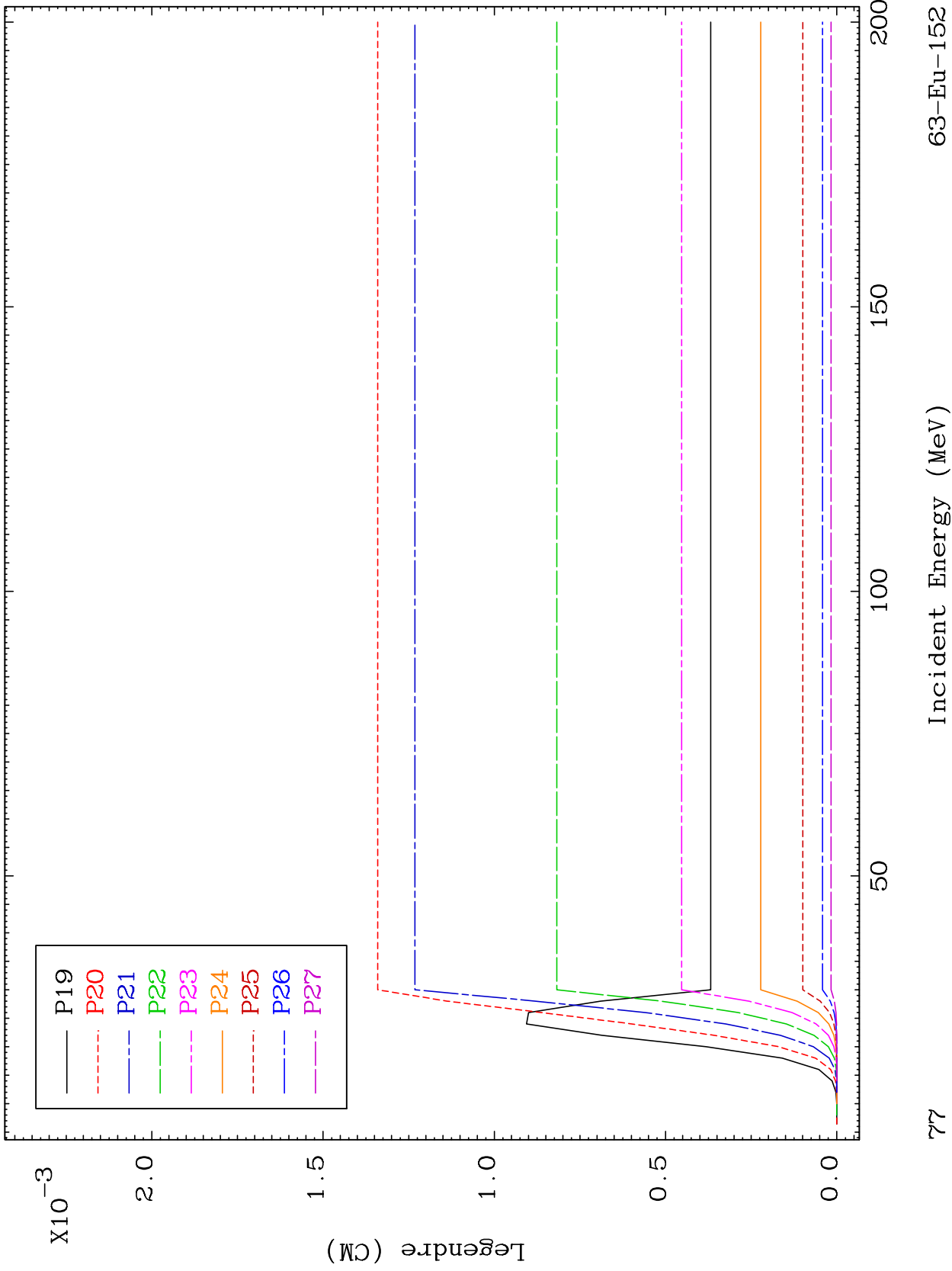
63-Eu-152



76

Incident Energy (MeV)

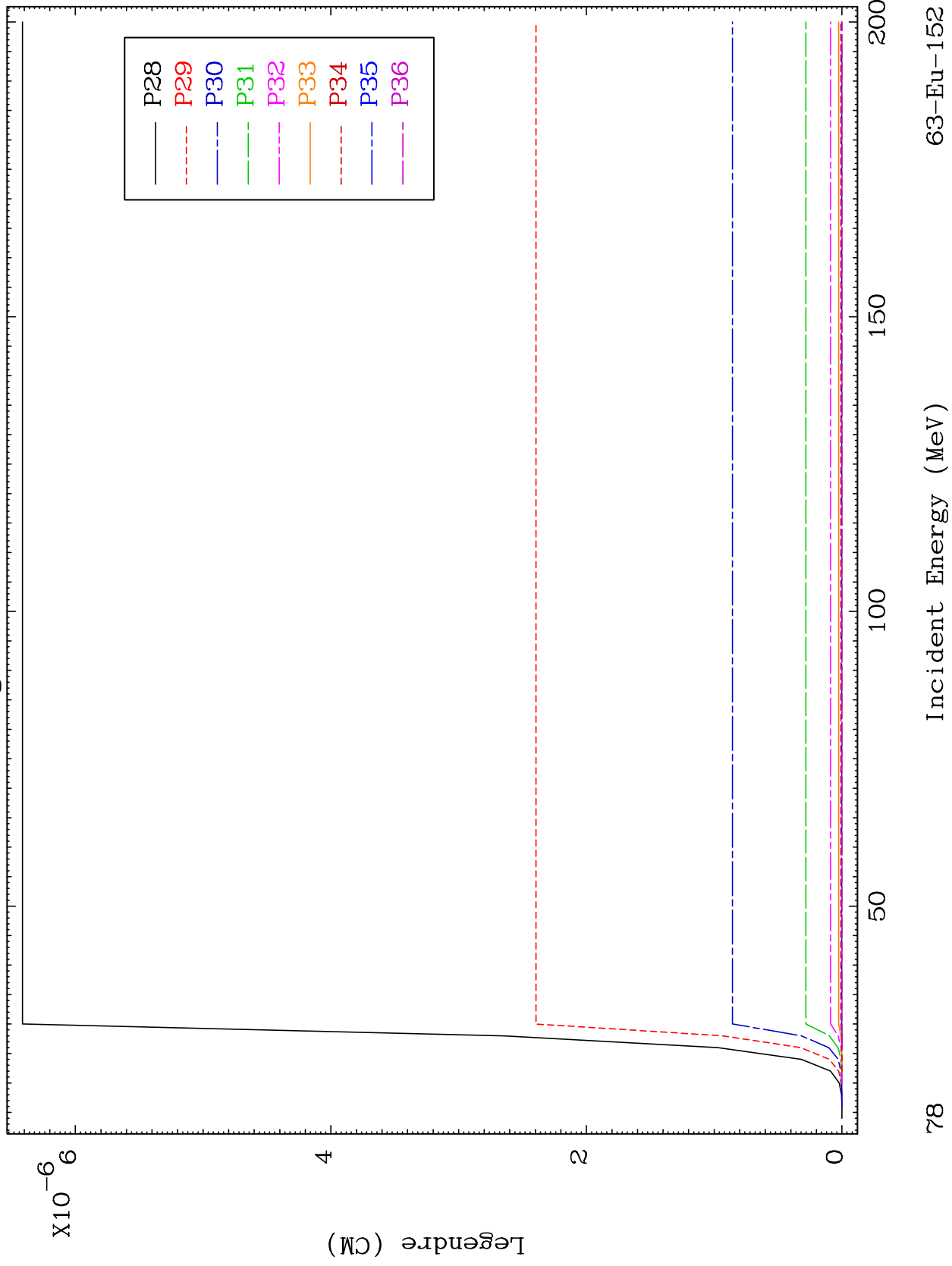
63-Eu-152



MAT 6328

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

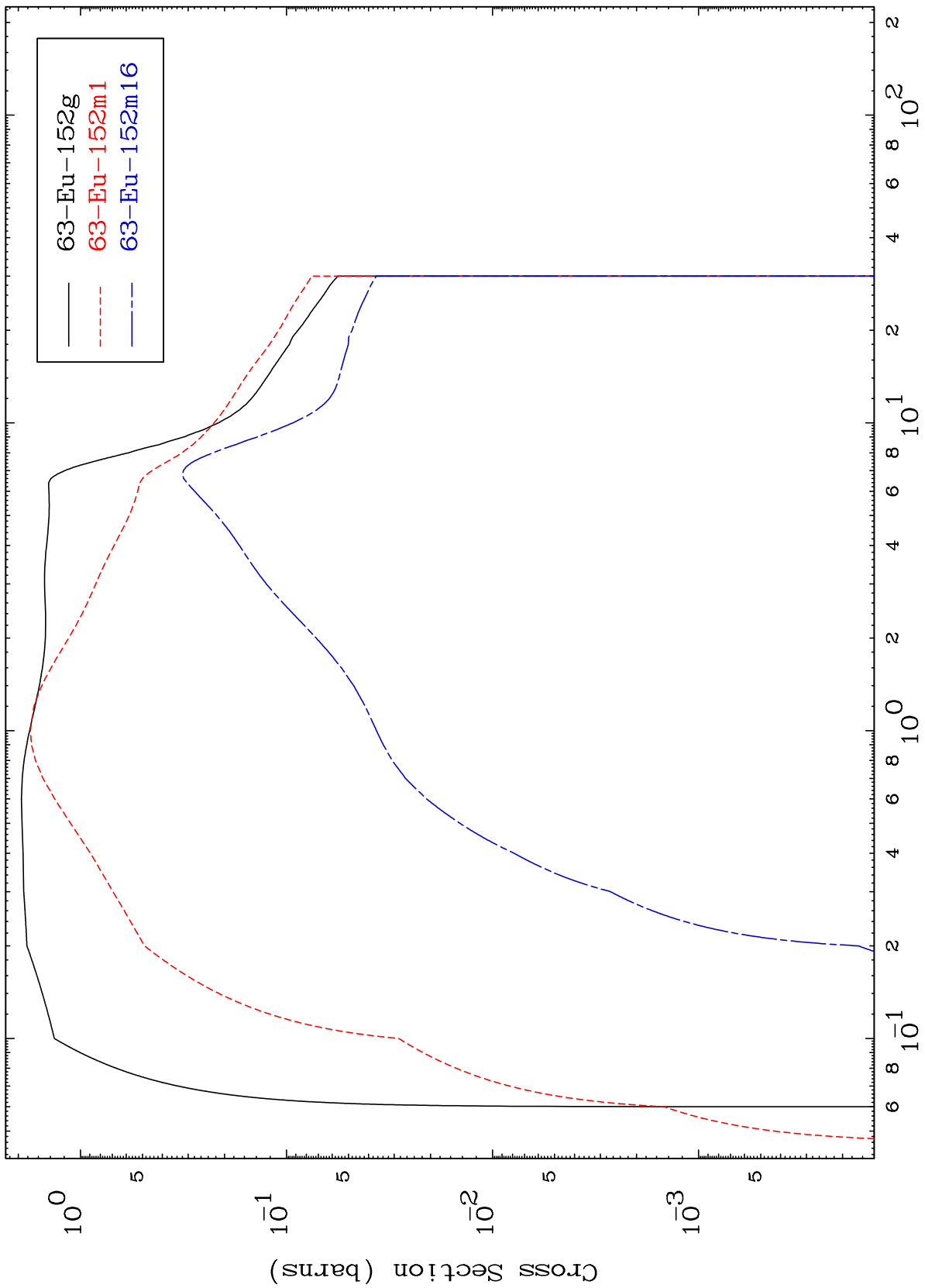
63-Eu-152



MAT 6328

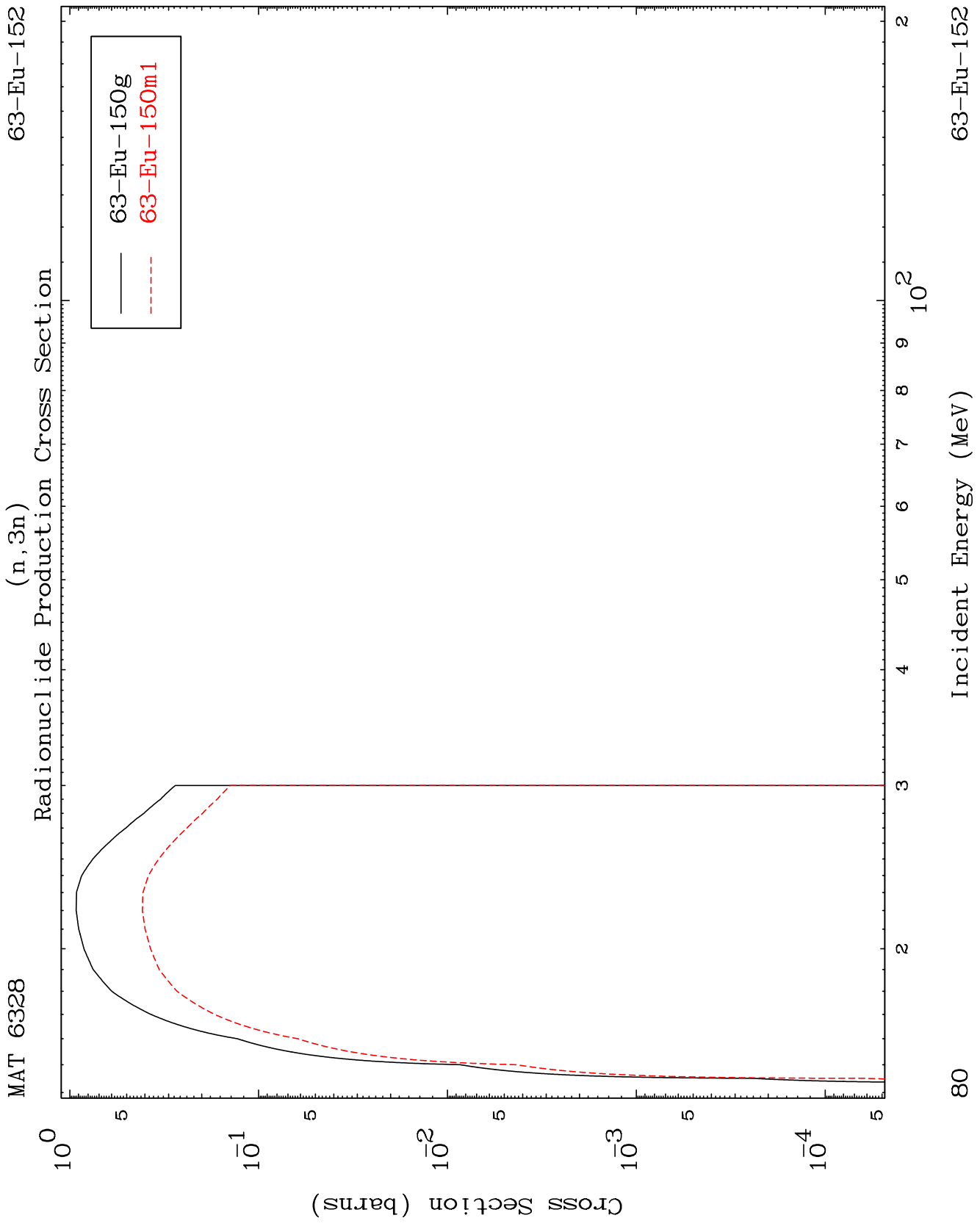
63-Eu-152

Inelastic Radionuclide Production Cross Section



79

63-Eu-152

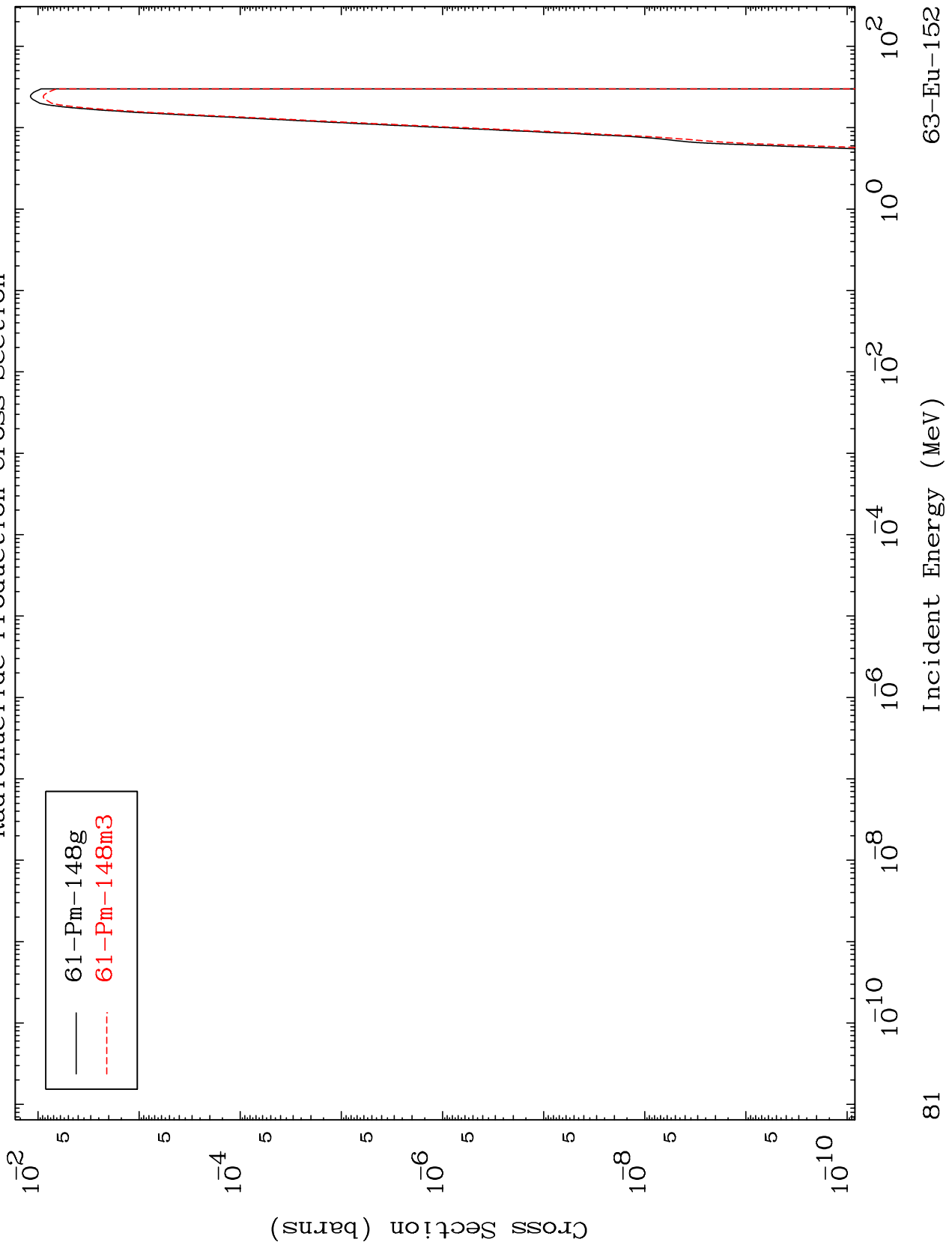


MAT 6328

$(n, n') \alpha$

63-Eu-152

Radionuclide Production Cross Section

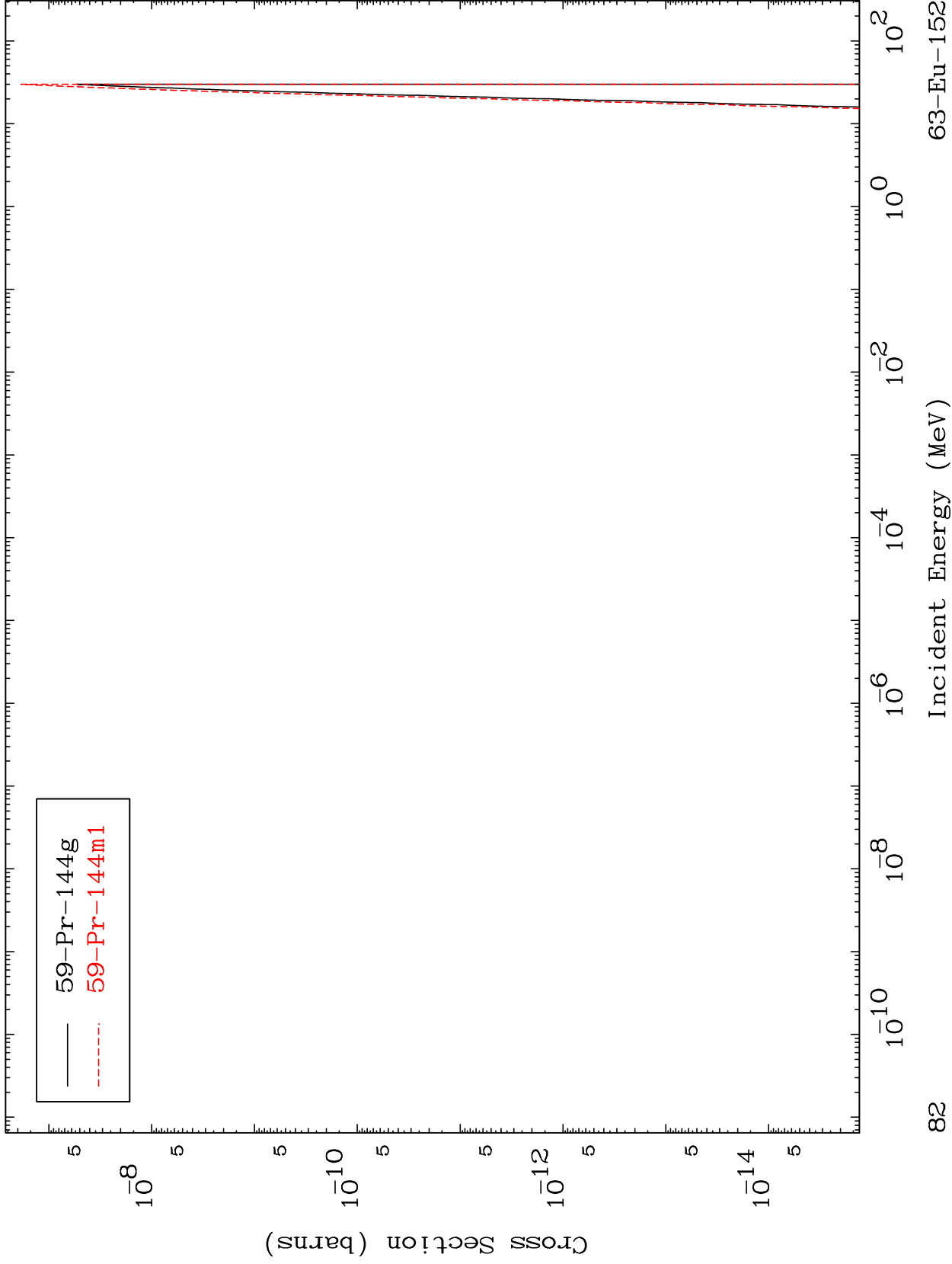


MAT 6328

(n,n') 2 α

63-Eu-152

Radionuclide Production Cross Section



82

Incident Energy (MeV)

63-Eu-152