

Program EVALPLOT  
(Version 2021-1)

by

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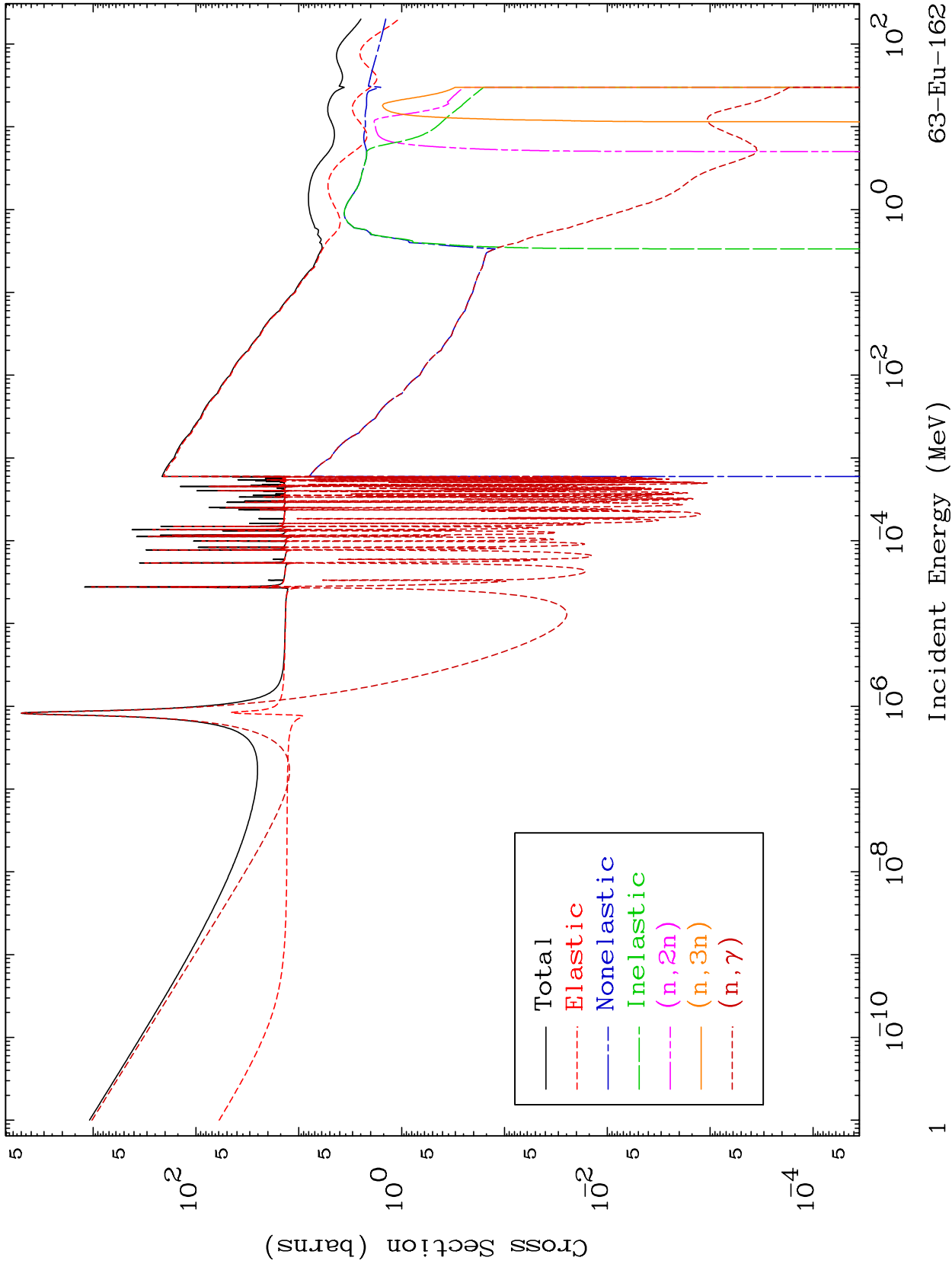
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6358

Neutron Major  
293 Kelvin Cross Sections

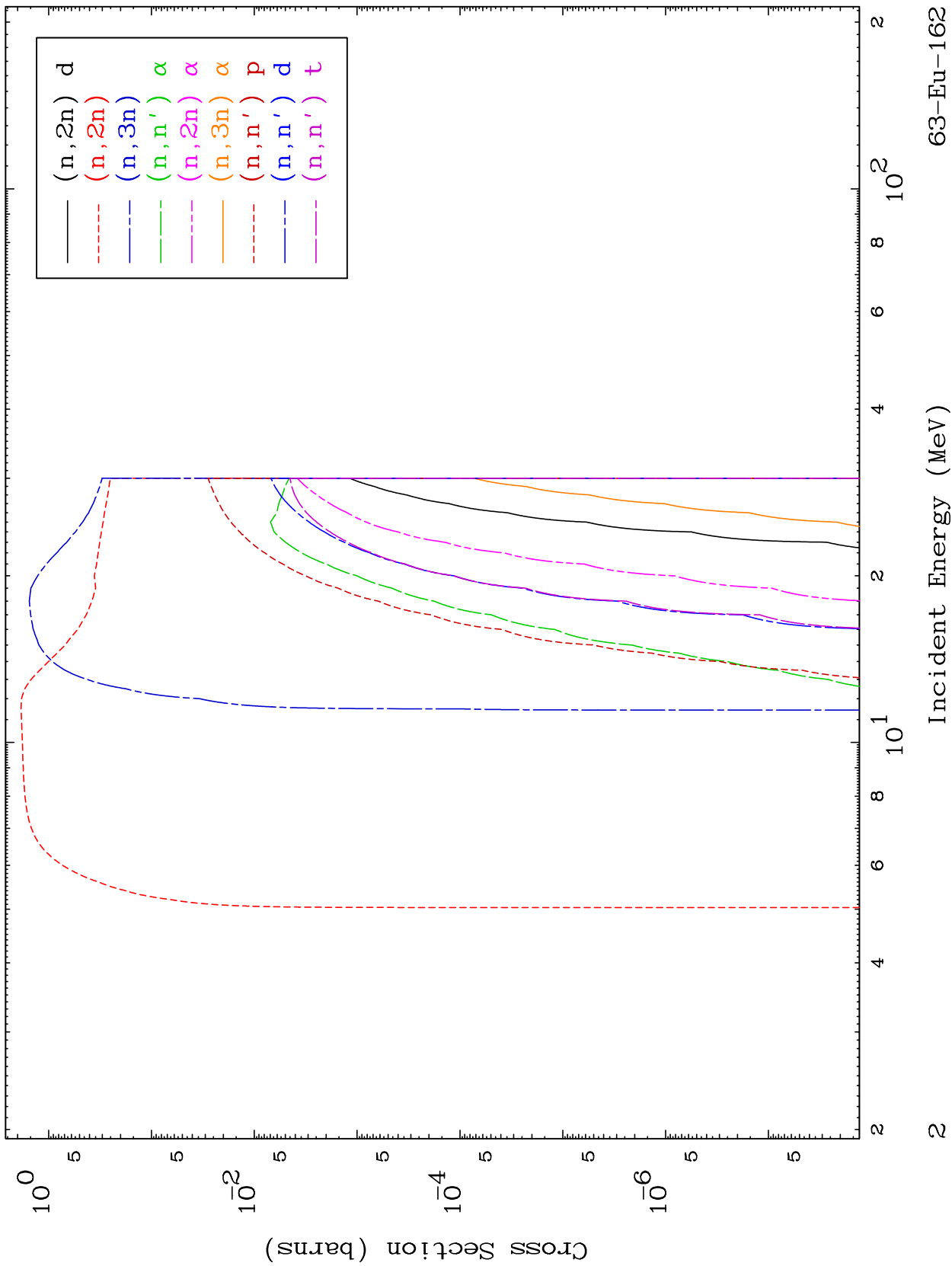
63-Eu-162



MAT 6358

Neutron Absorption  
293 Kelvin Cross Sections

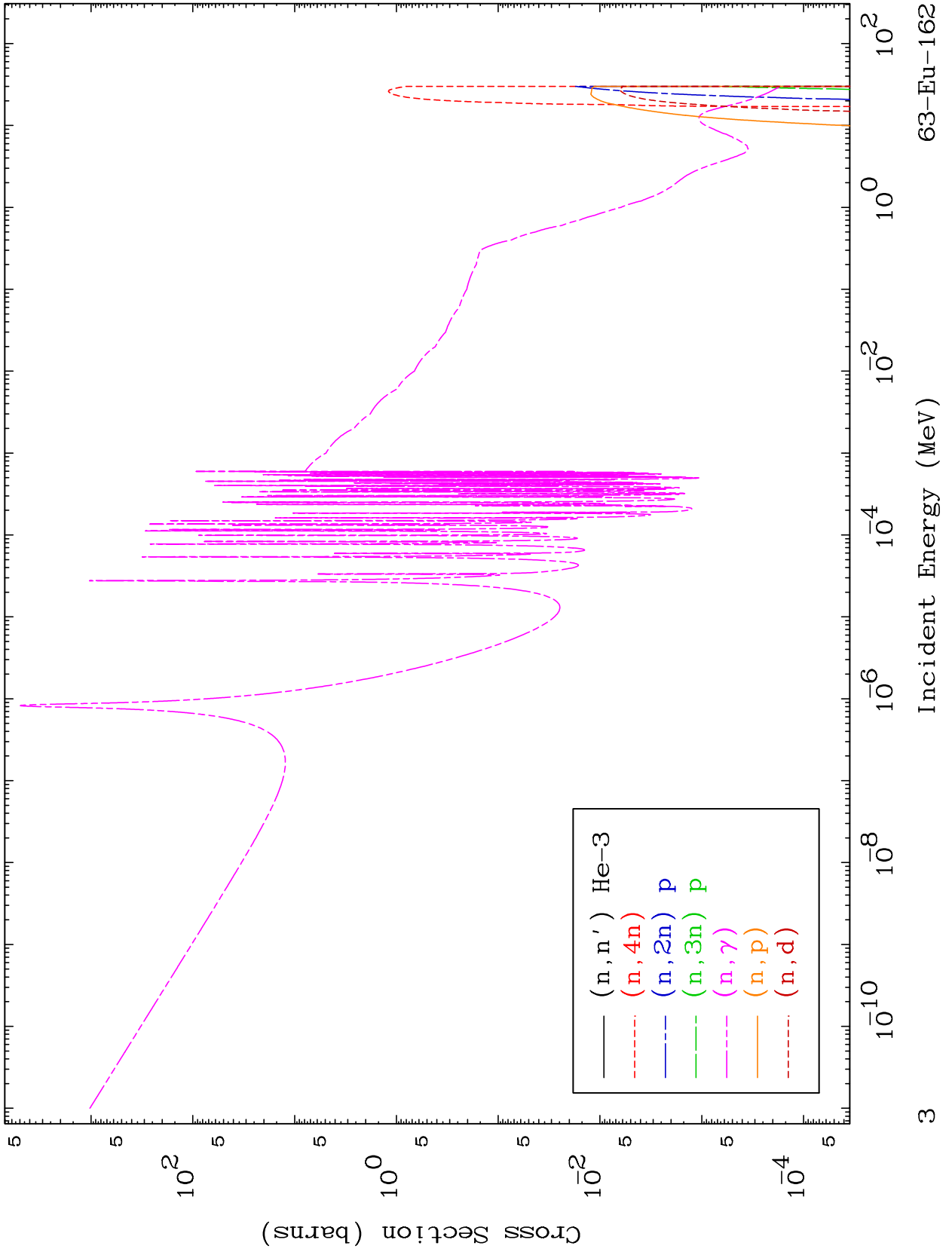
63-Eu-162



63-Eu-162

Incident Energy (MeV)

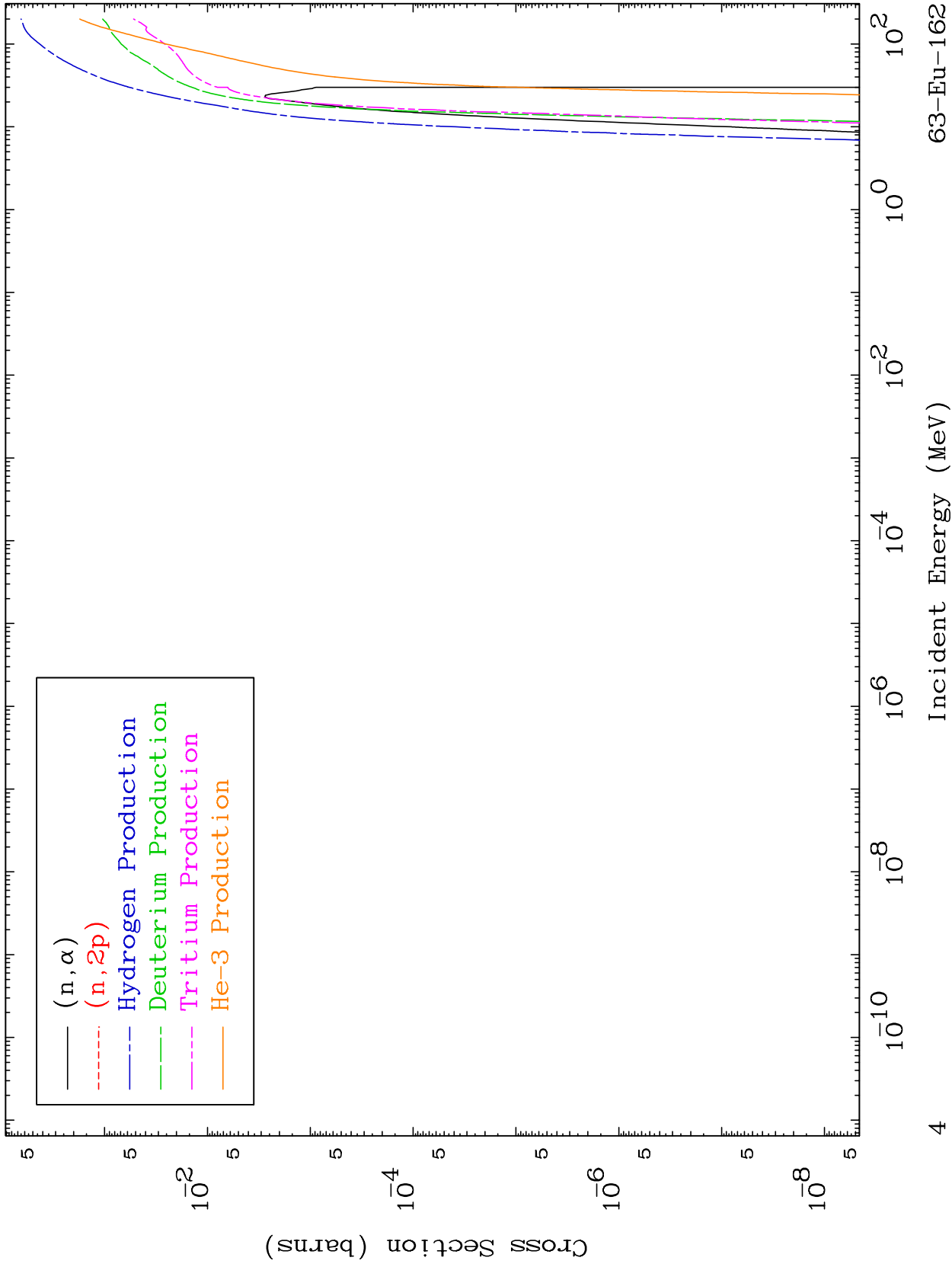
2

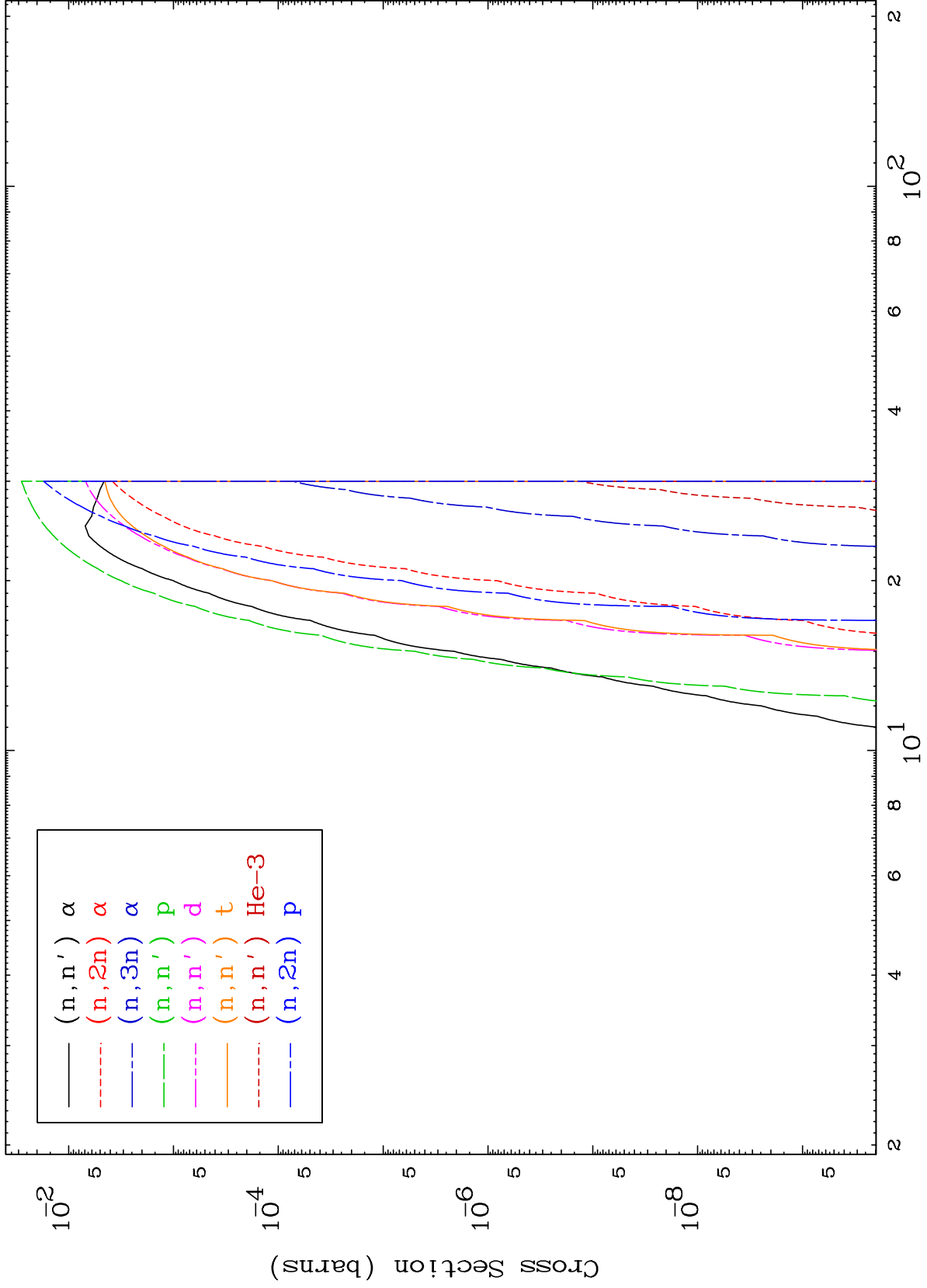


MAT 6358

Neutron Absorption  
293 Kelvin Cross Sections

63-Eu-162

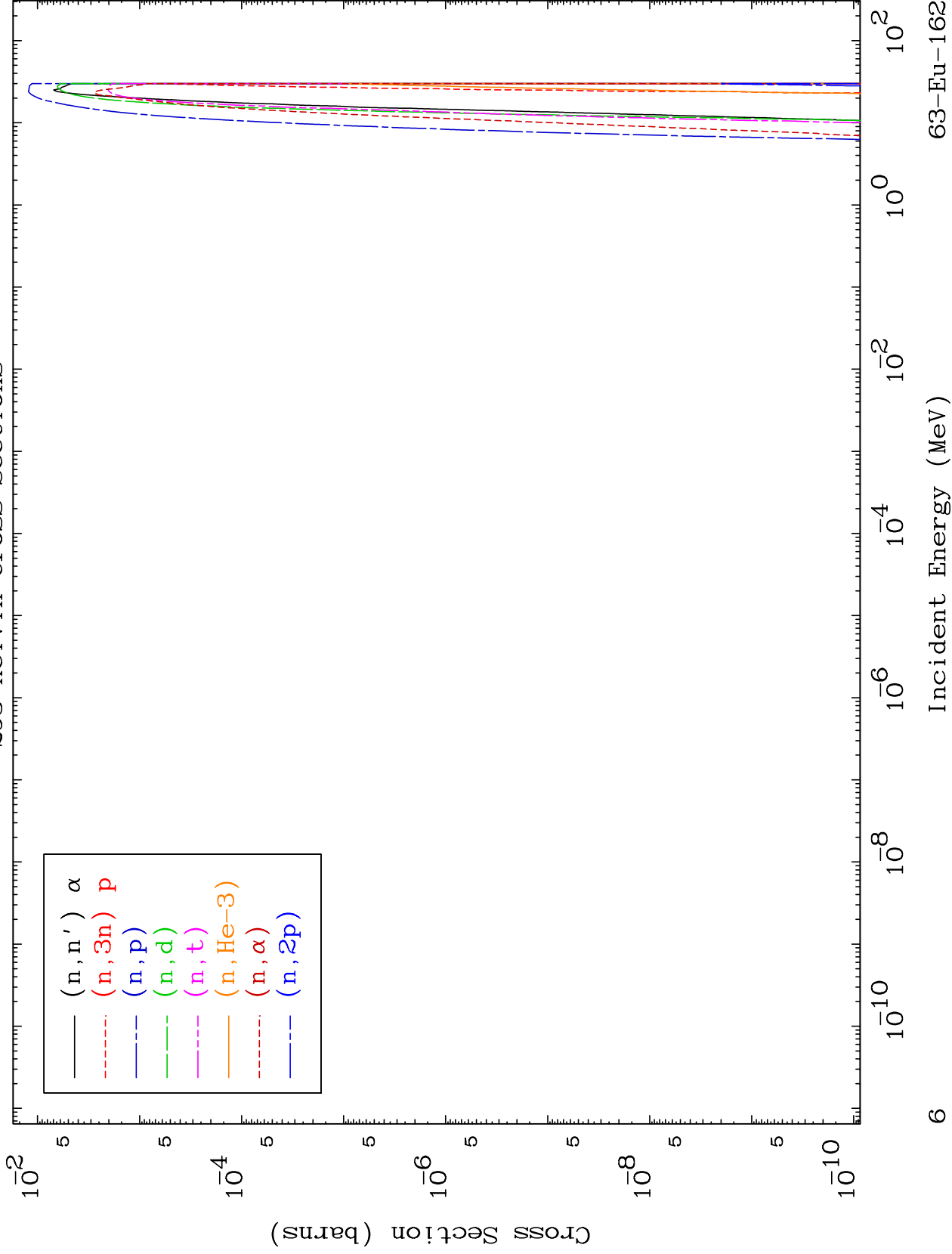




MAT 6358

Charged Particle  
293 Kelvin Cross Sections

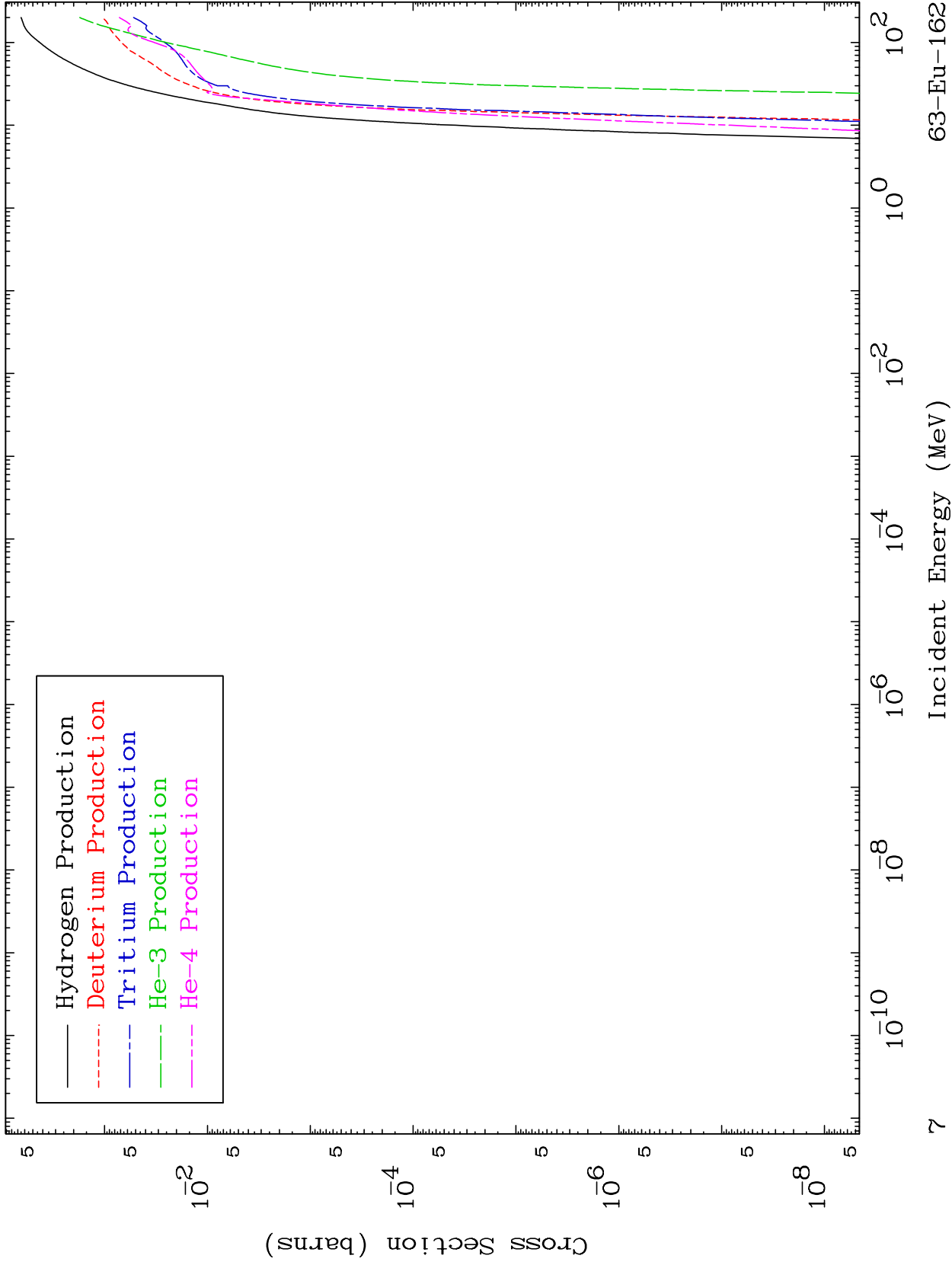
63-Eu-162



MAT 6358

Particle Production  
293 Kelvin Cross Sections

63-Eu-162

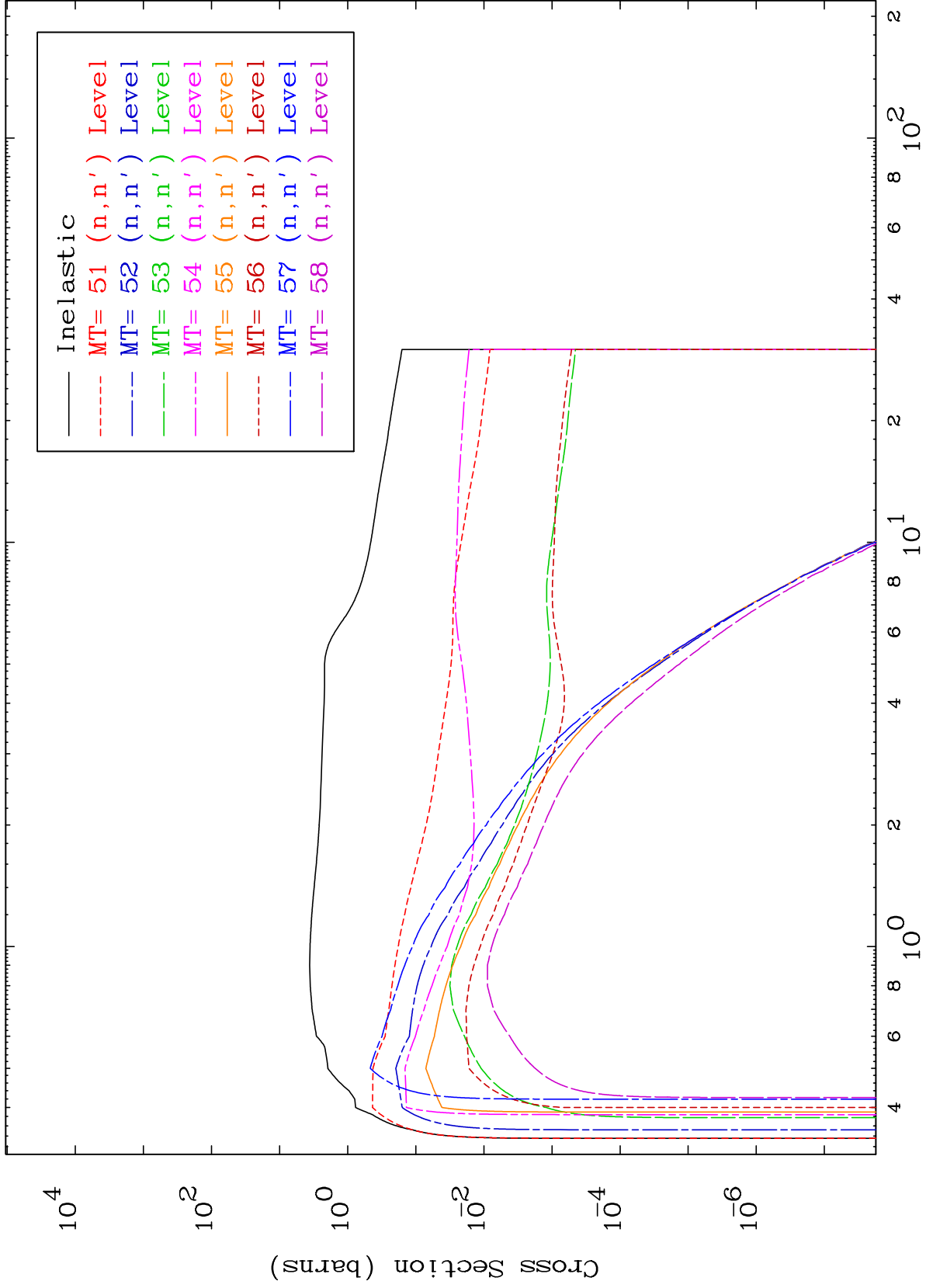


MAT 6358

(n,n') Levels

63-Eu-162

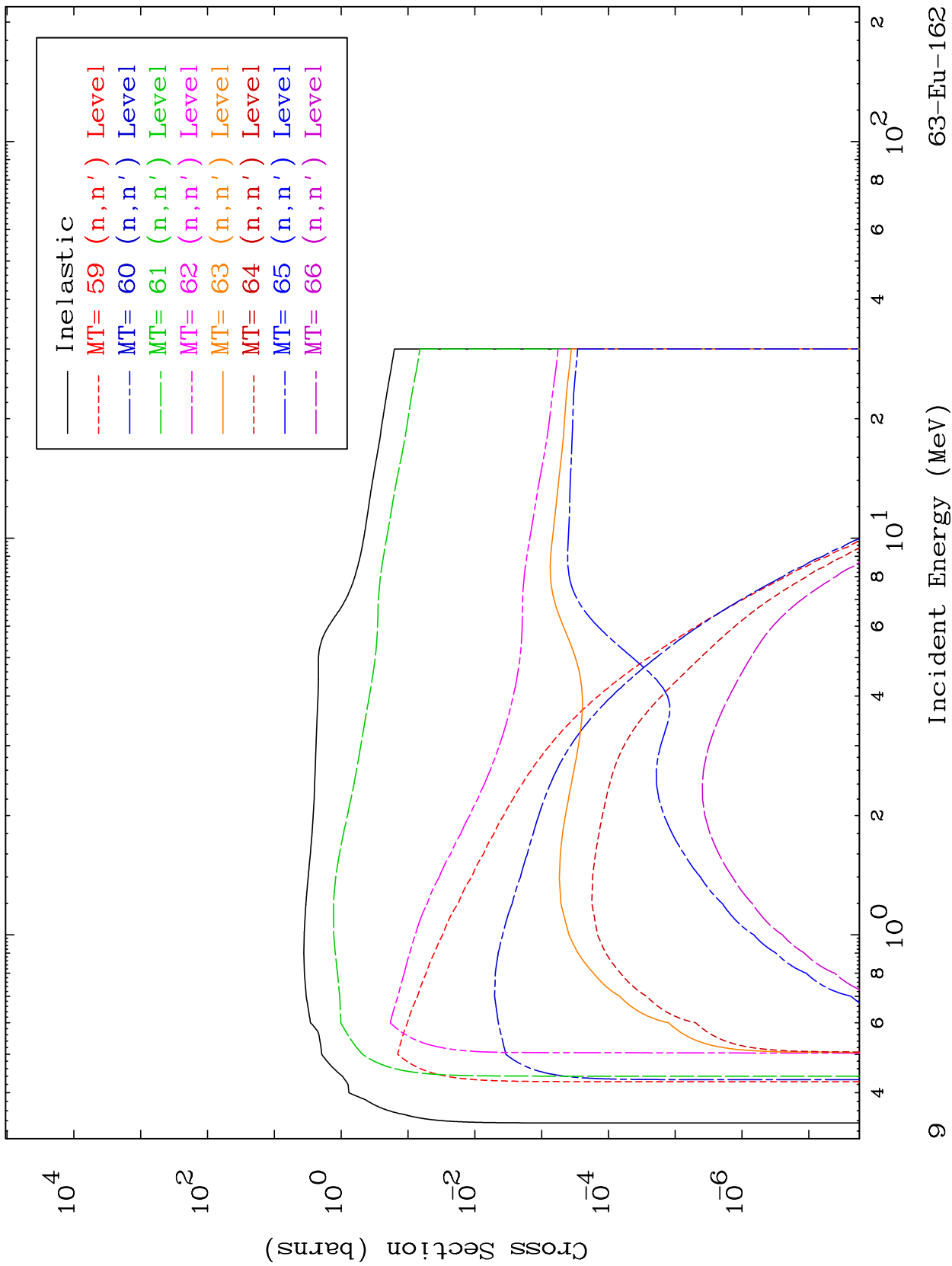
293 Kelvin Cross Sections



8

Incident Energy (MeV)

63-Eu-162

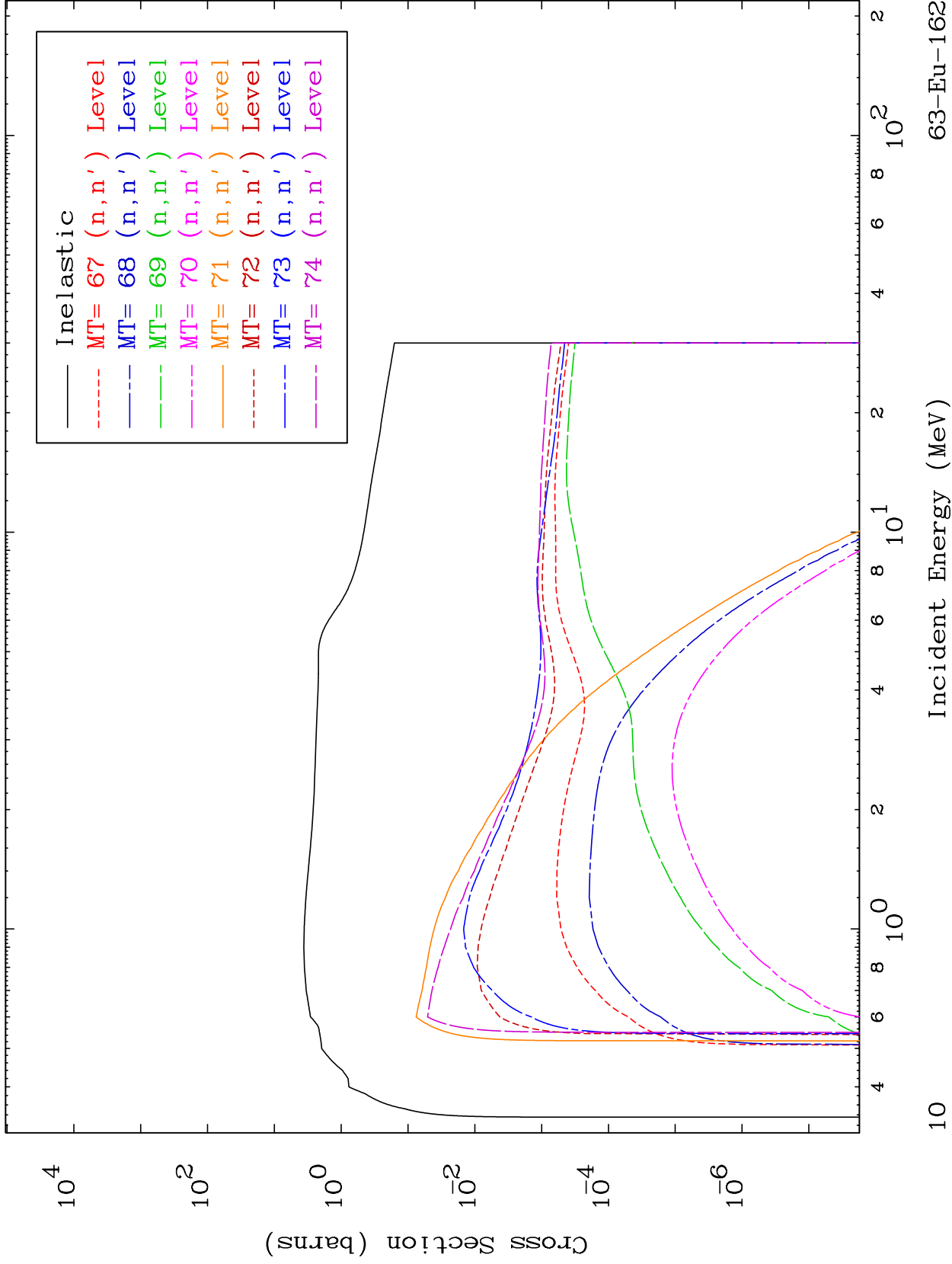


MAT 6358

(n,n') Levels

63-Eu-162

293 Kelvin Cross Sections



10

Incident Energy (MeV)

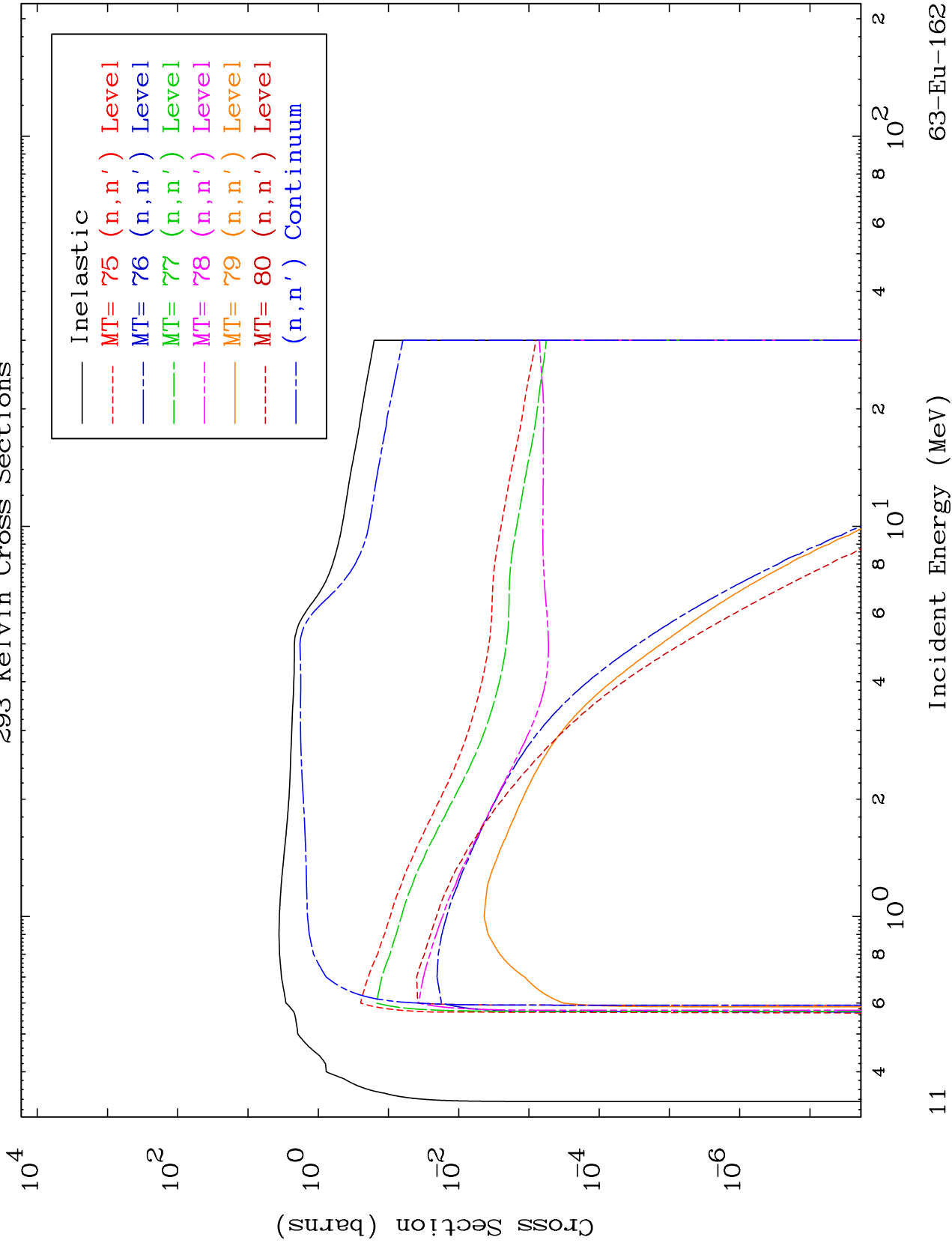
63-Eu-162

MAT 6358

(n,n') Levels

63-Eu-162

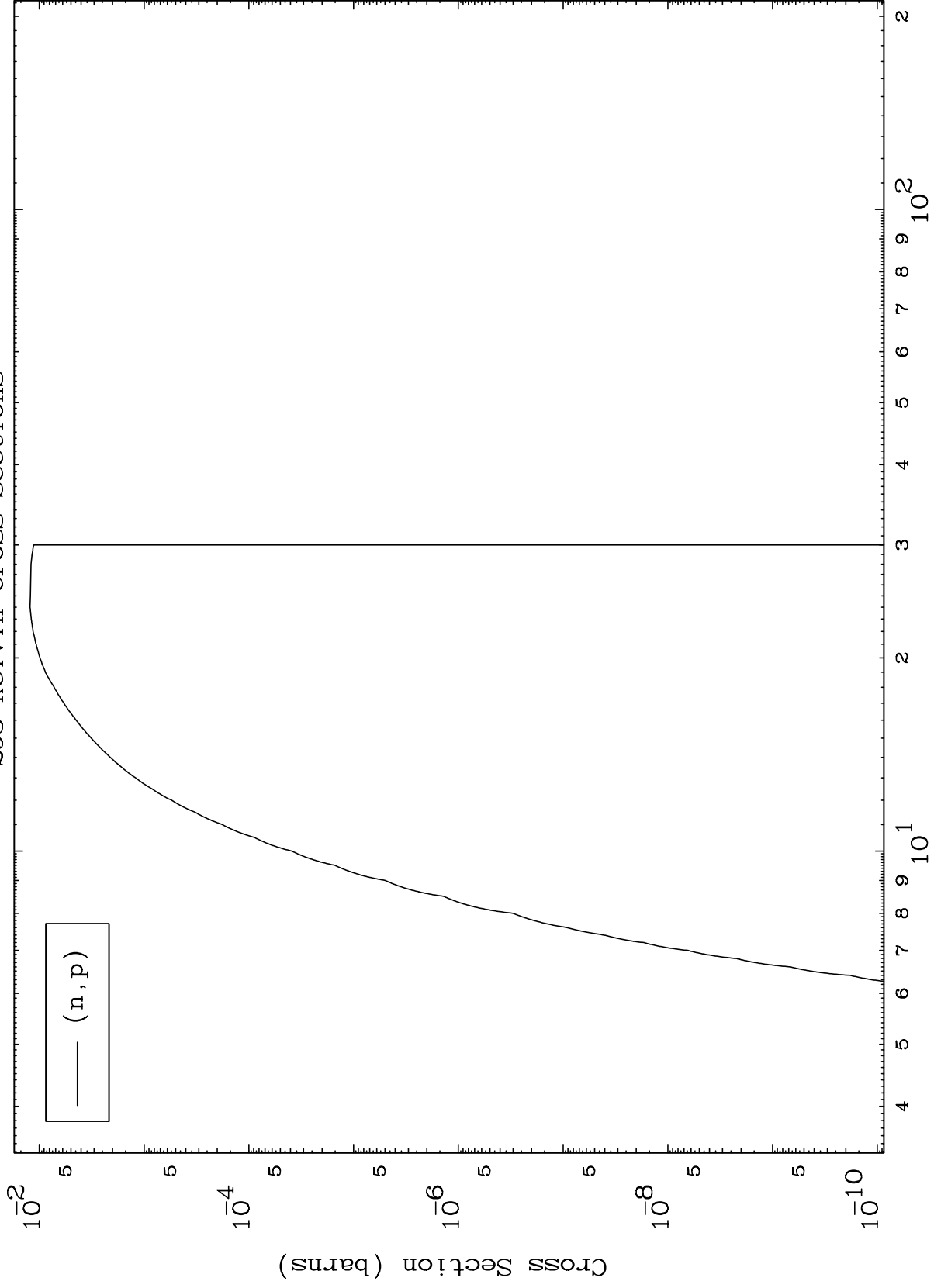
293 Kelvin Cross Sections



MAT 6358

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-162



12

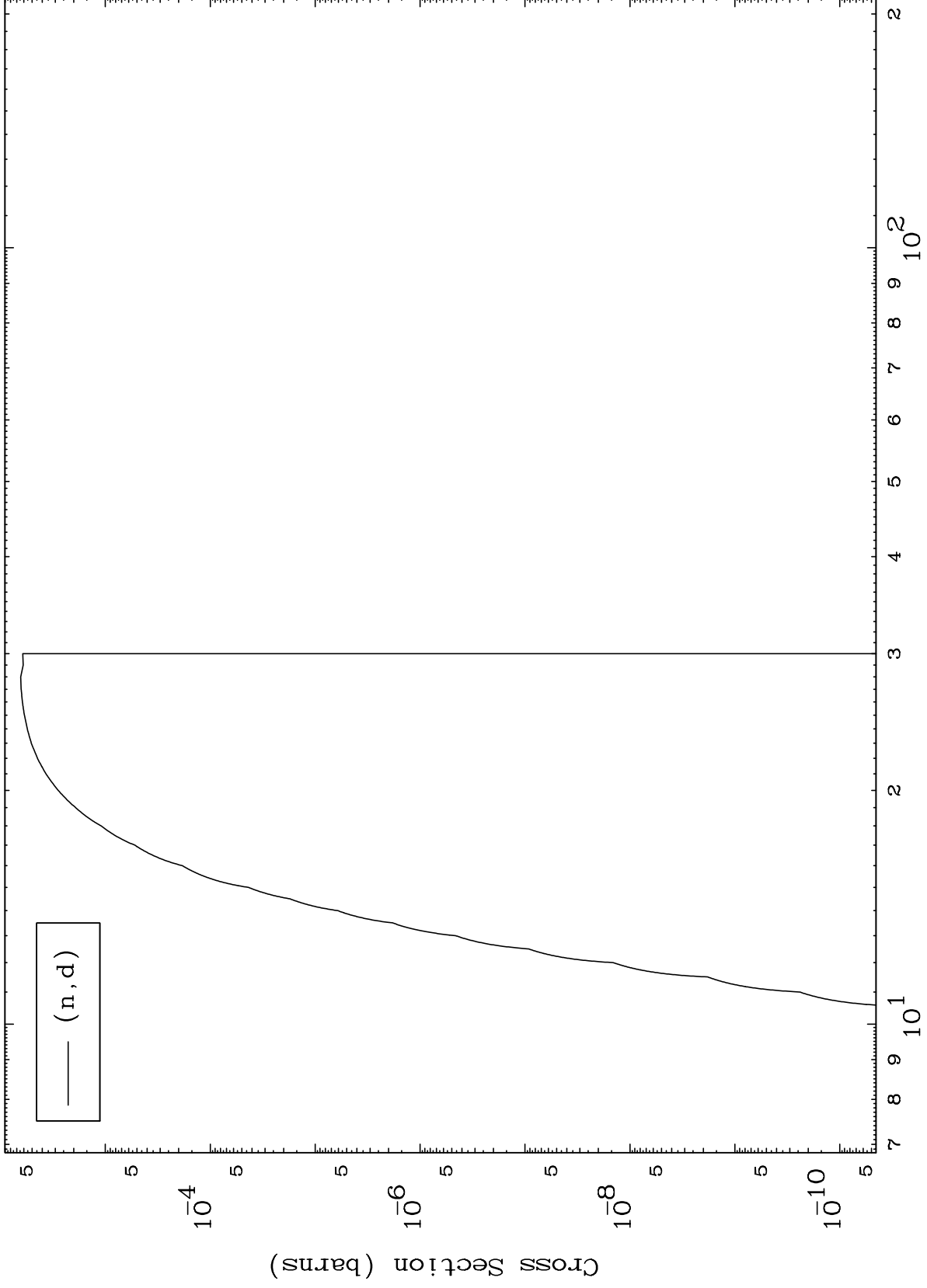
Incident Energy (MeV)

63-Eu-162

MAT 6358

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-162



13

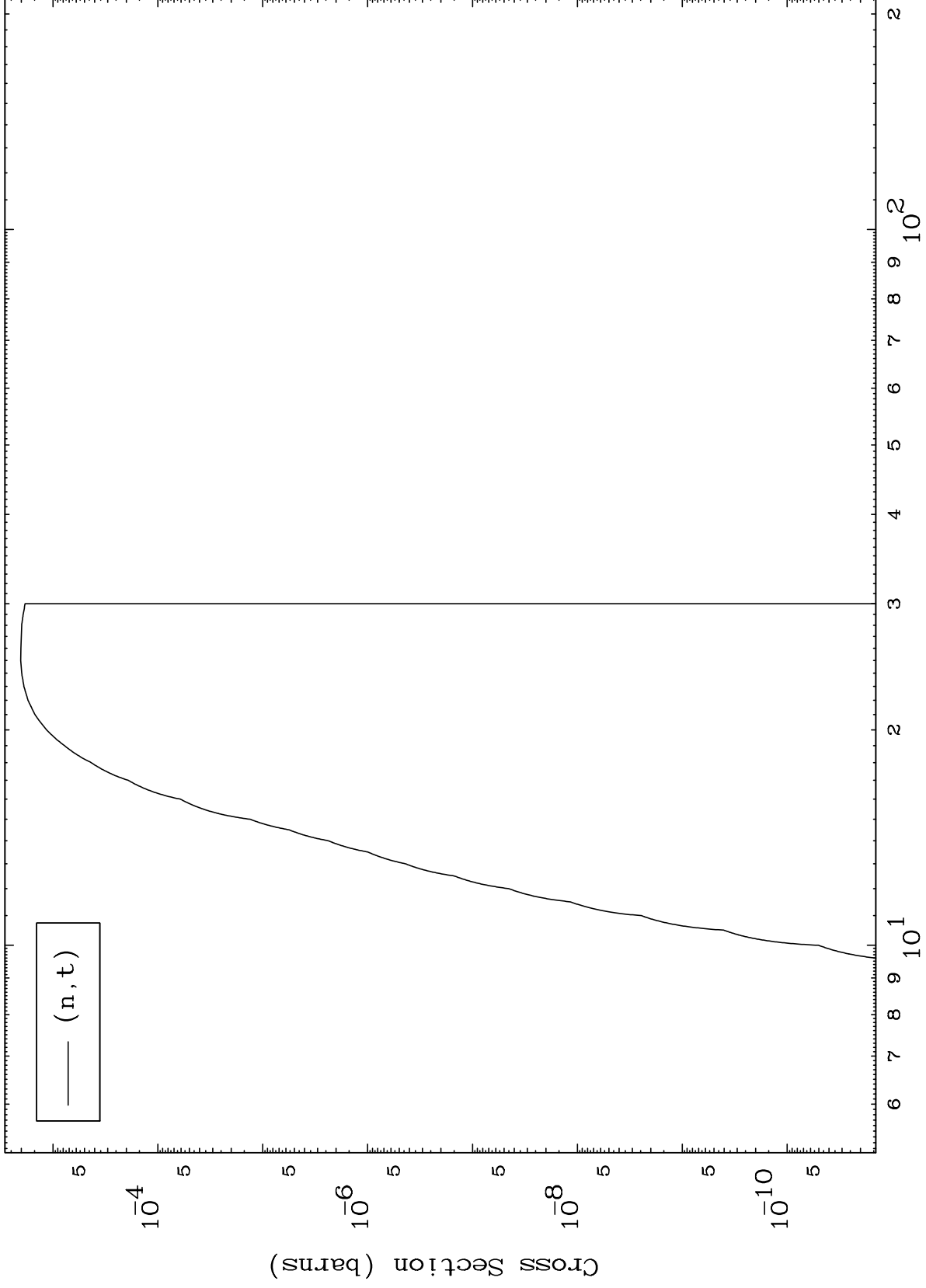
Incident Energy (MeV)

63-Eu-162

MAT 6358

(n, t) Levels  
293 Kelvin Cross Sections

63-Eu-162



14

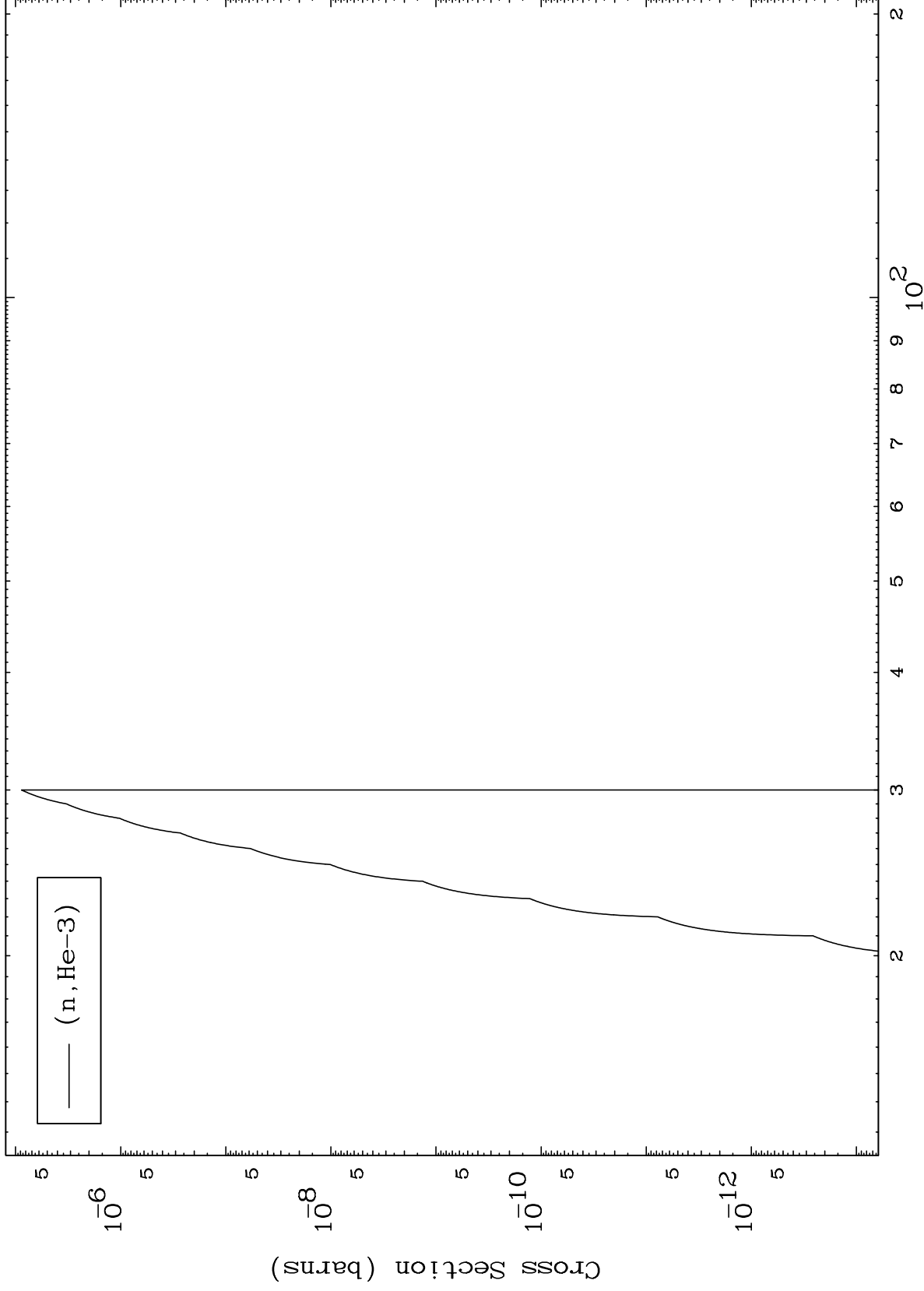
Incident Energy (MeV)

63-Eu-162

MAT 6358

(n,He3) Levels  
293 Kelvin Cross Sections

63-Eu-162



15

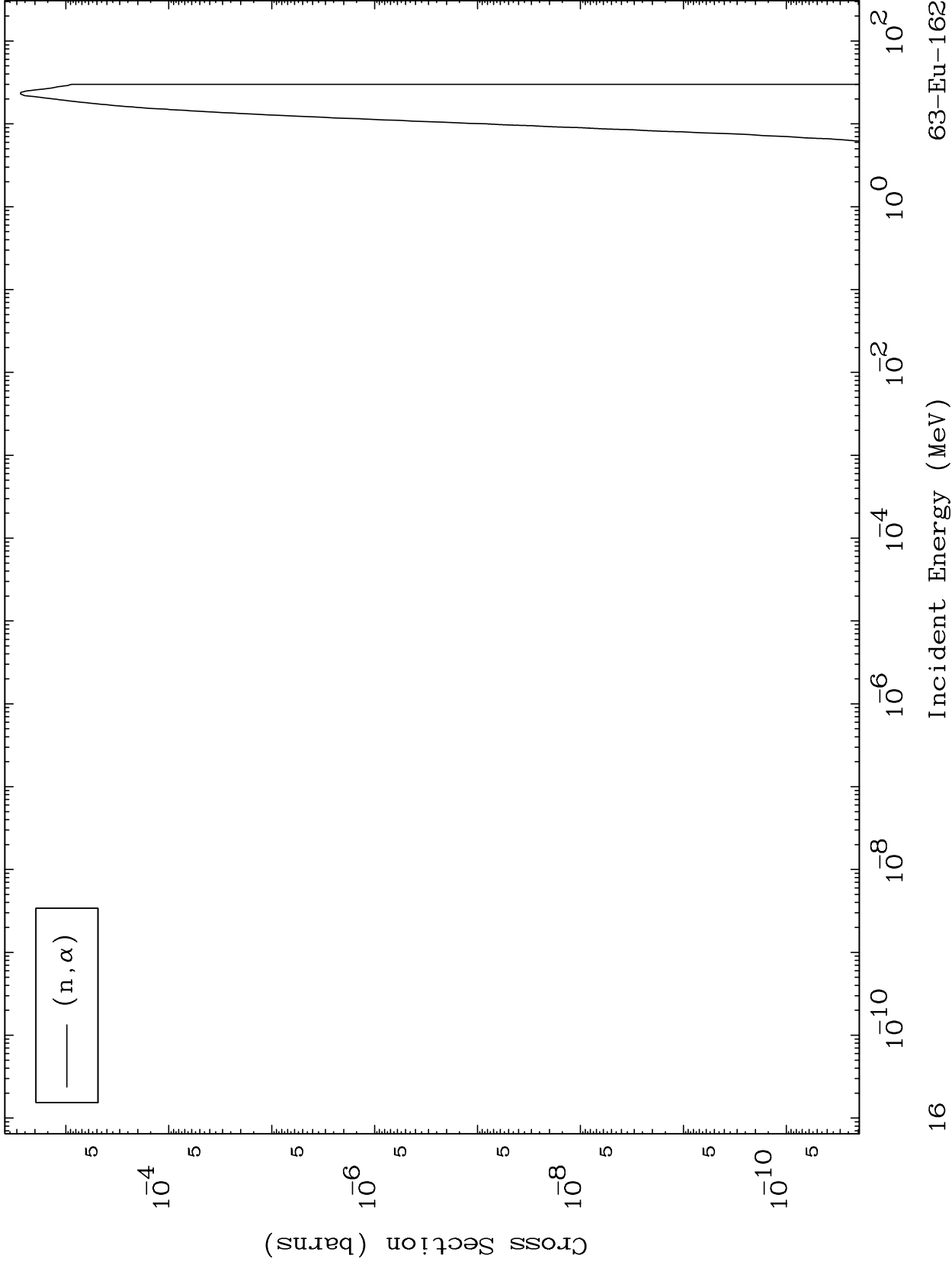
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

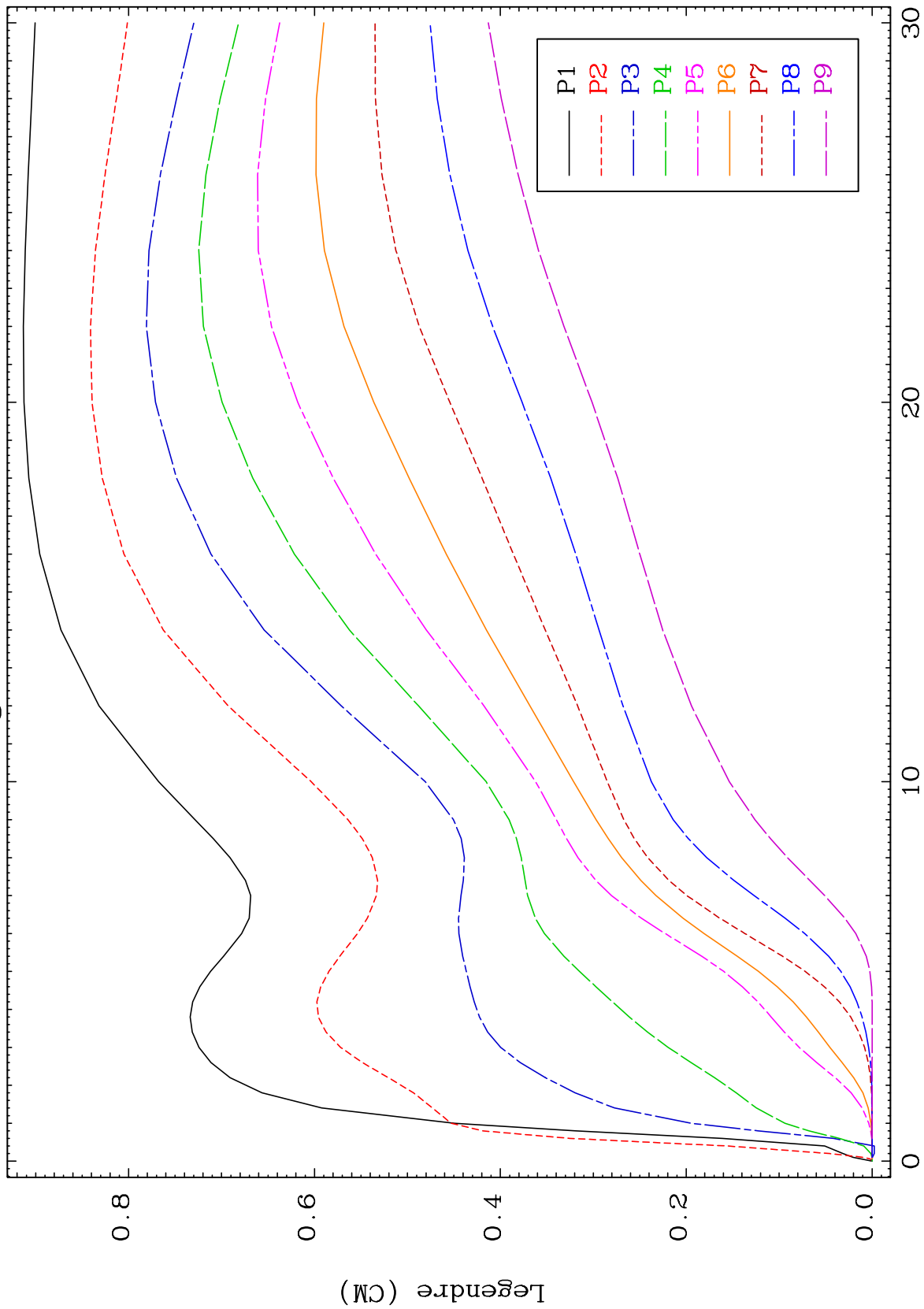
63-Eu-162



MAT 6358

Elastic Legendre Coefficients

63-Eu-162



17

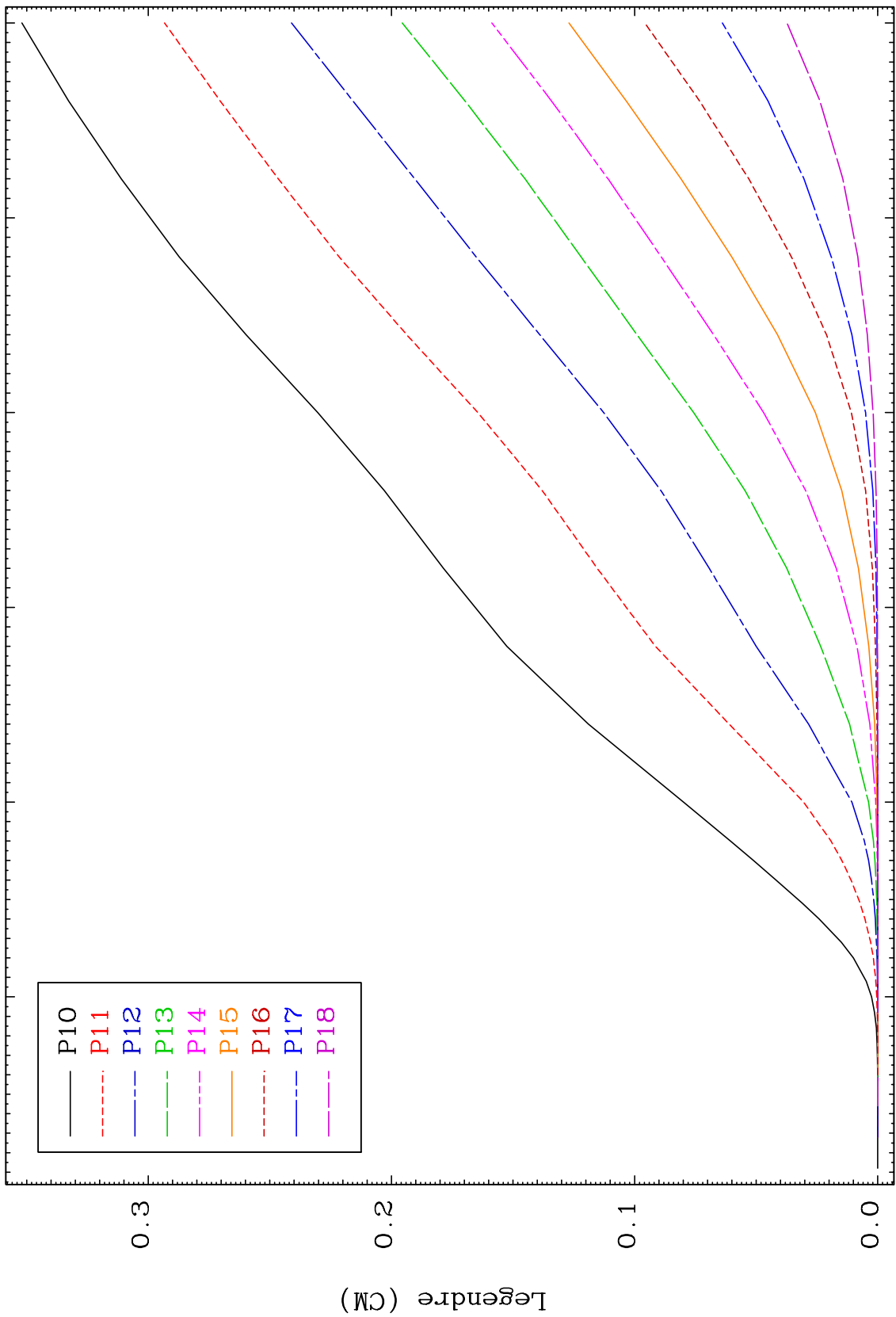
Incident Energy (MeV)

63-Eu-162

MAT 6358

Elastic Legendre Coefficients

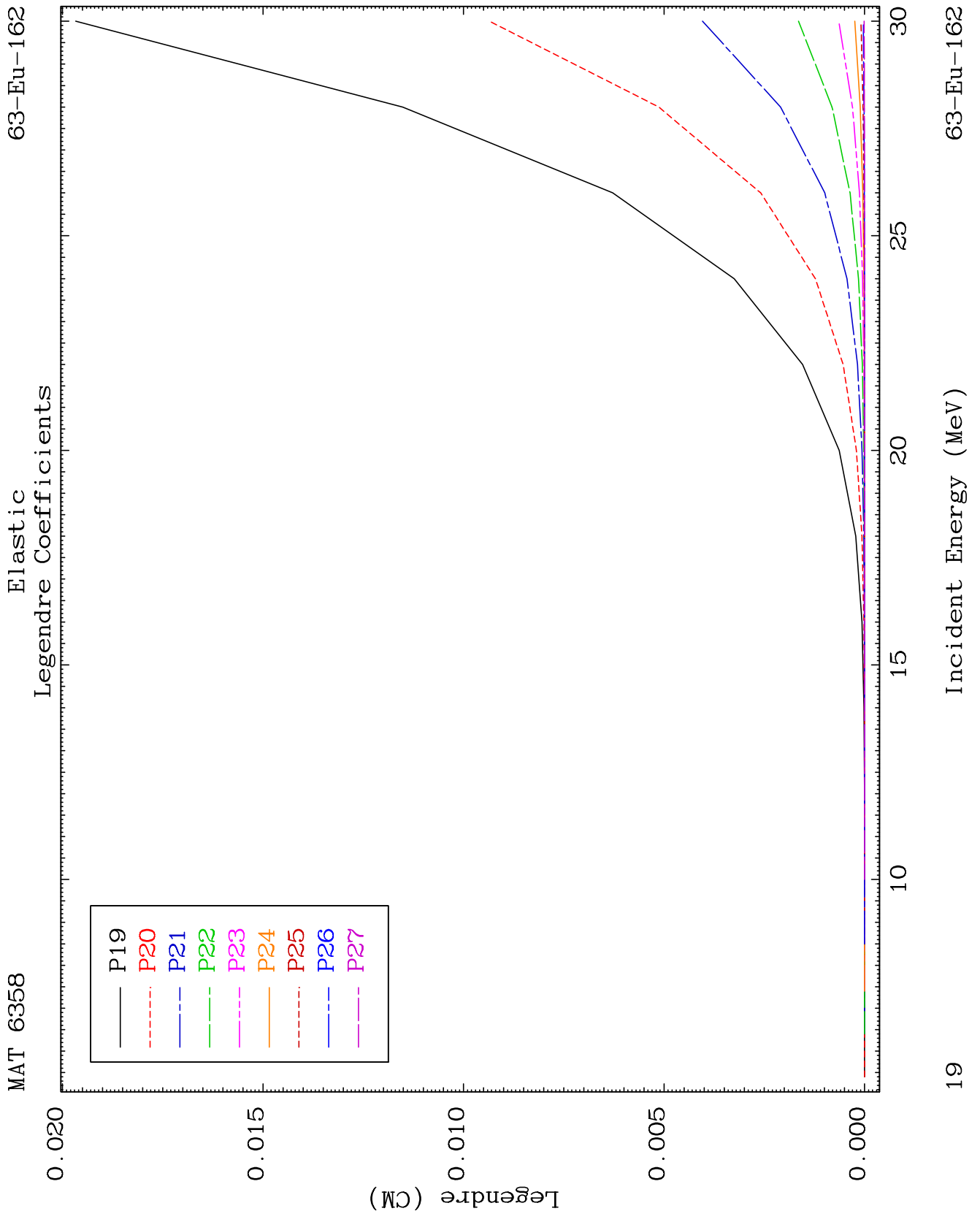
63-Eu-162



18

Incident Energy (MeV)

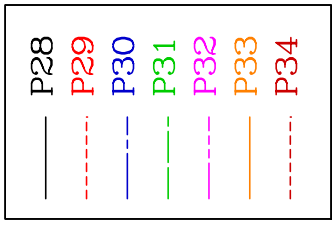
63-Eu-162



MAT 6358

Elastic Legendre Coefficients

63-Eu-162



$\times 10^{-6}$

Legendre (CM)

10

15

20

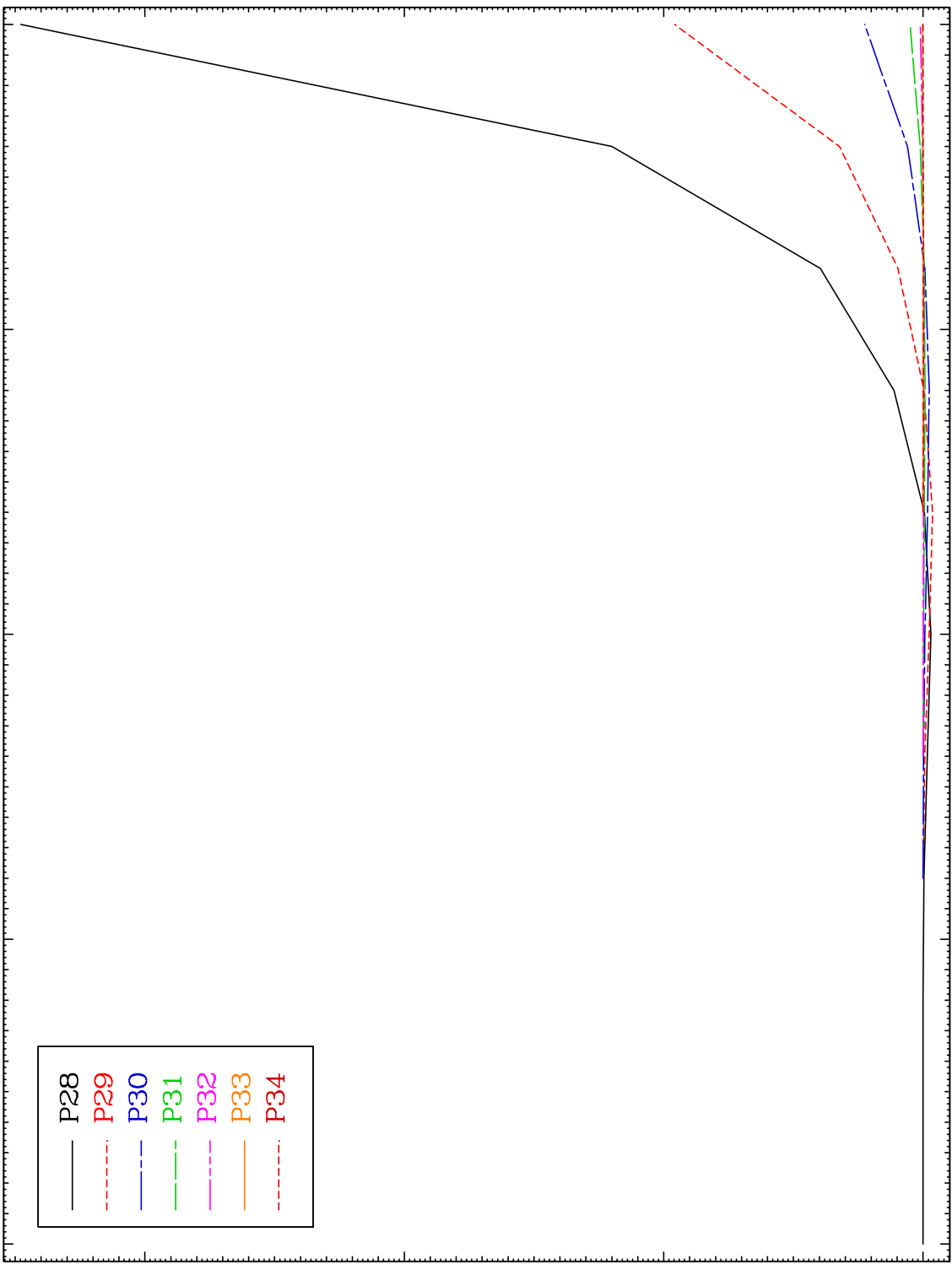
25

30

20

Incident Energy (MeV)

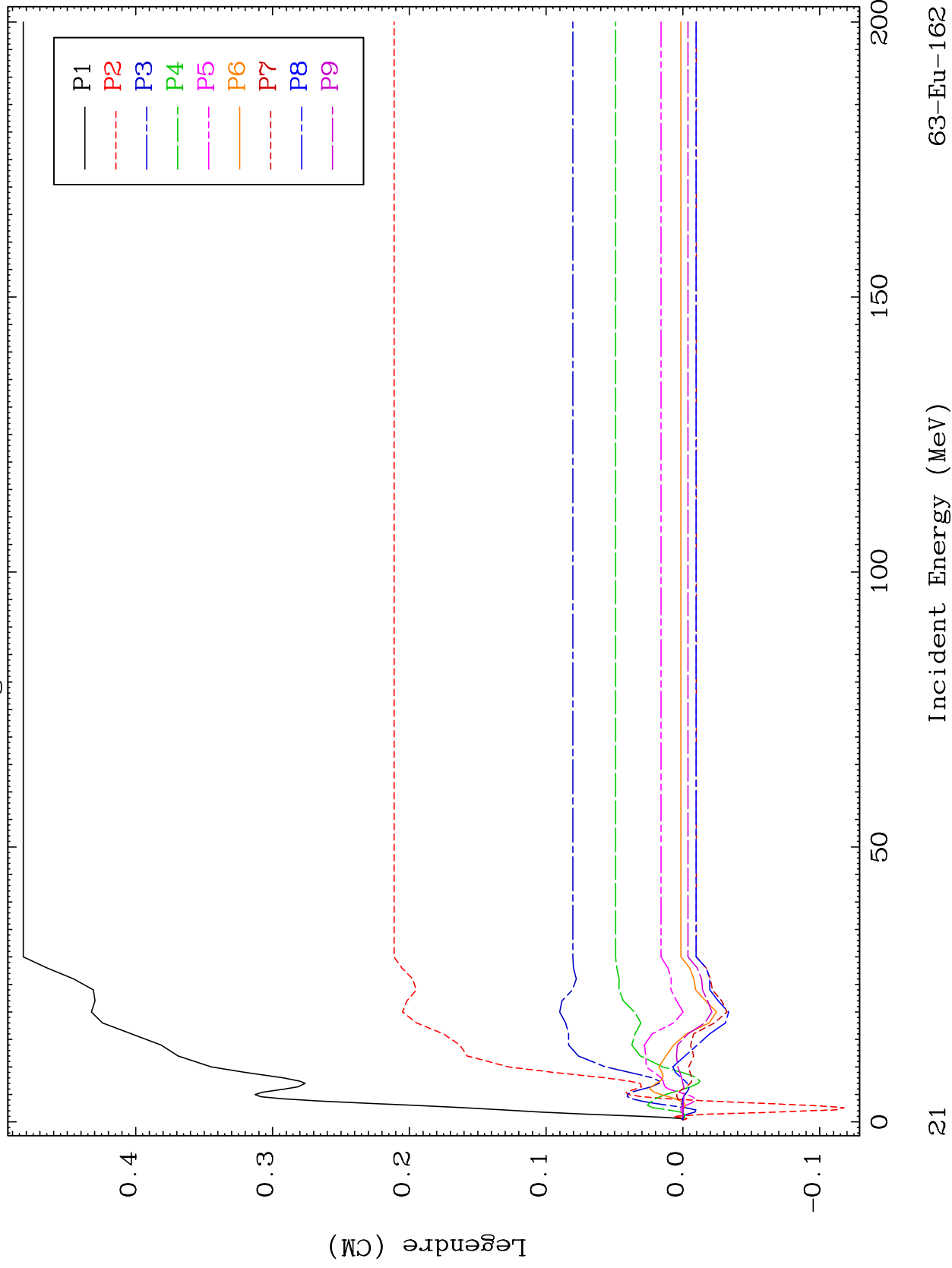
63-Eu-162

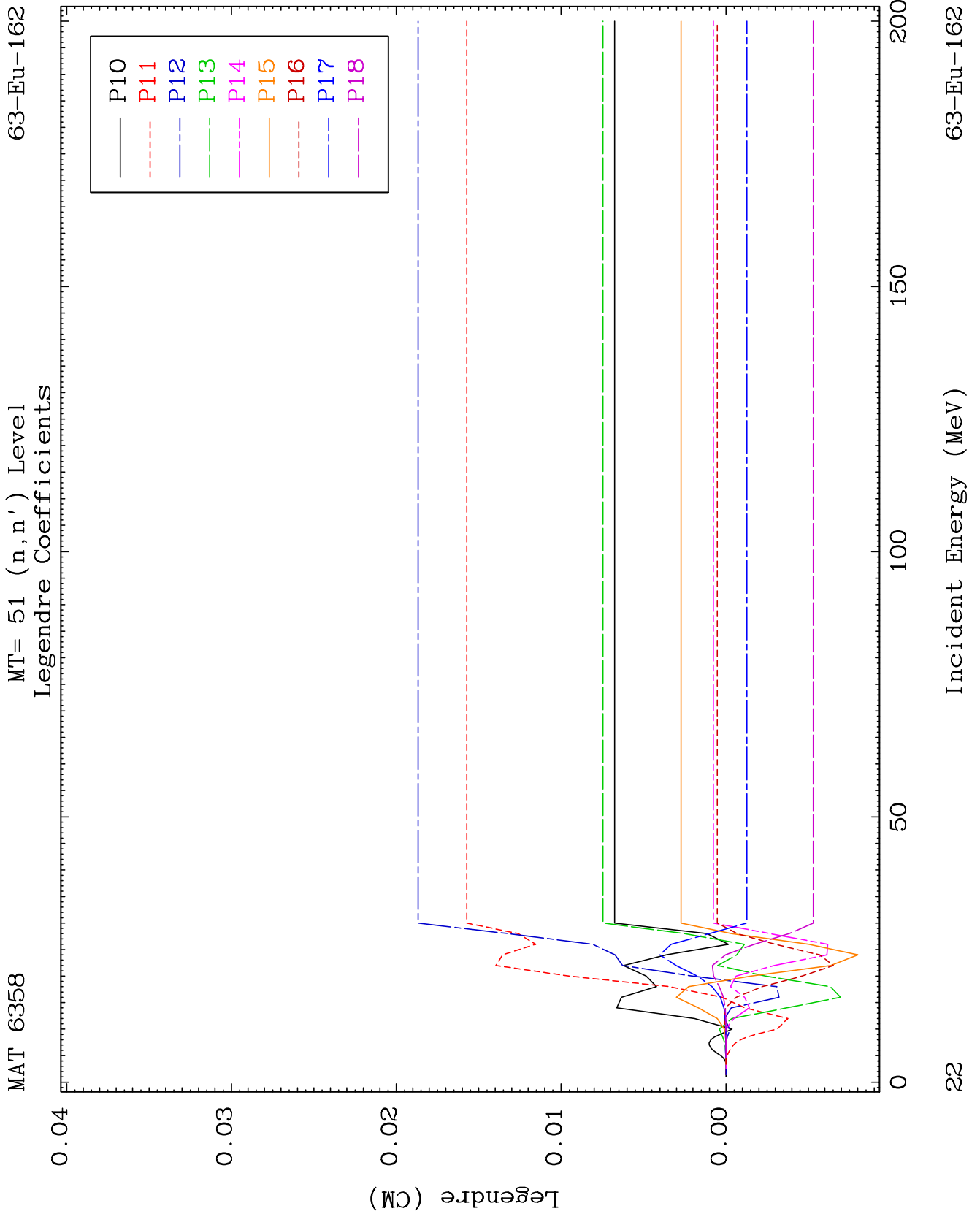


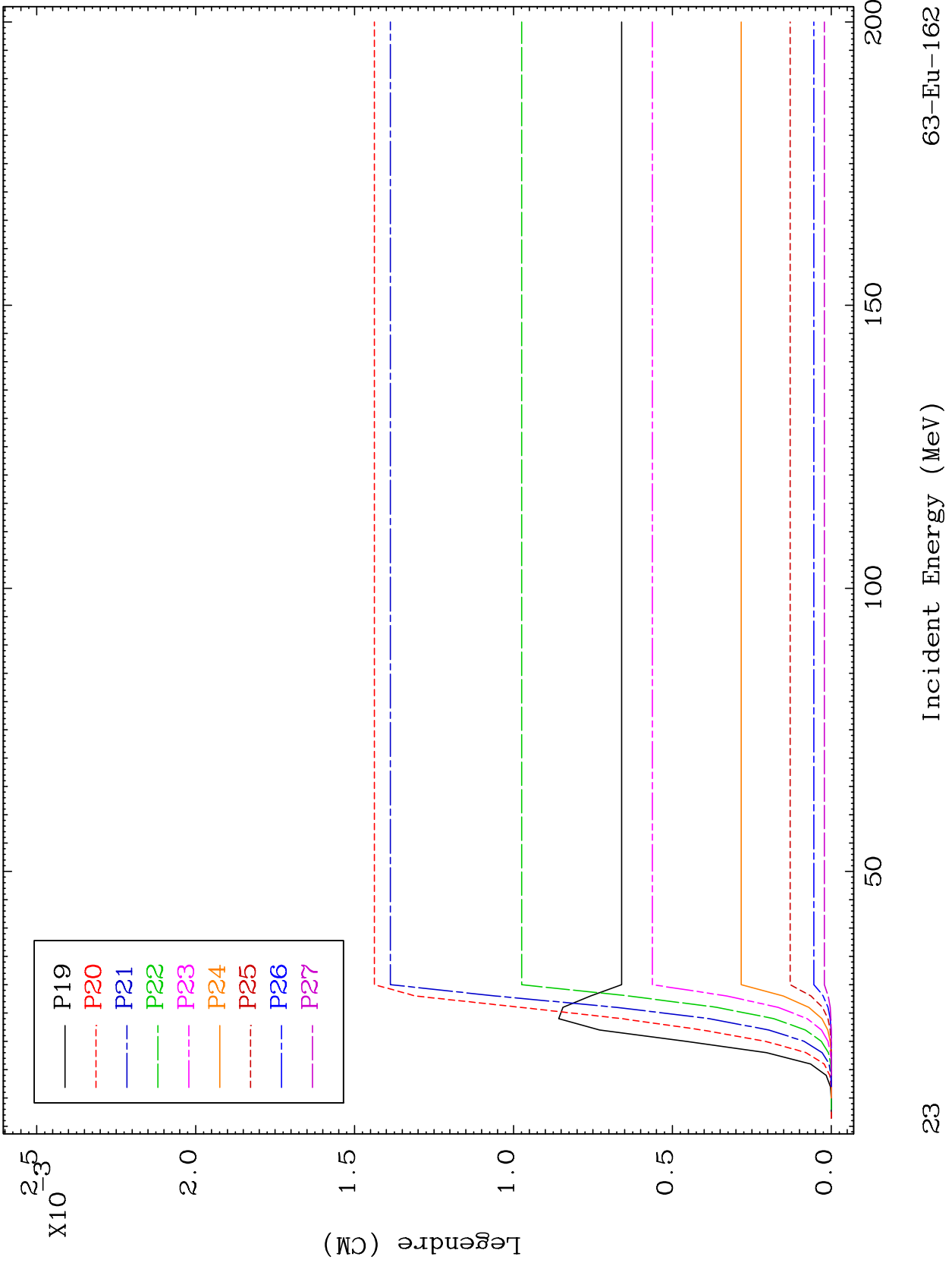
MAT 6358

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

63-Eu-162



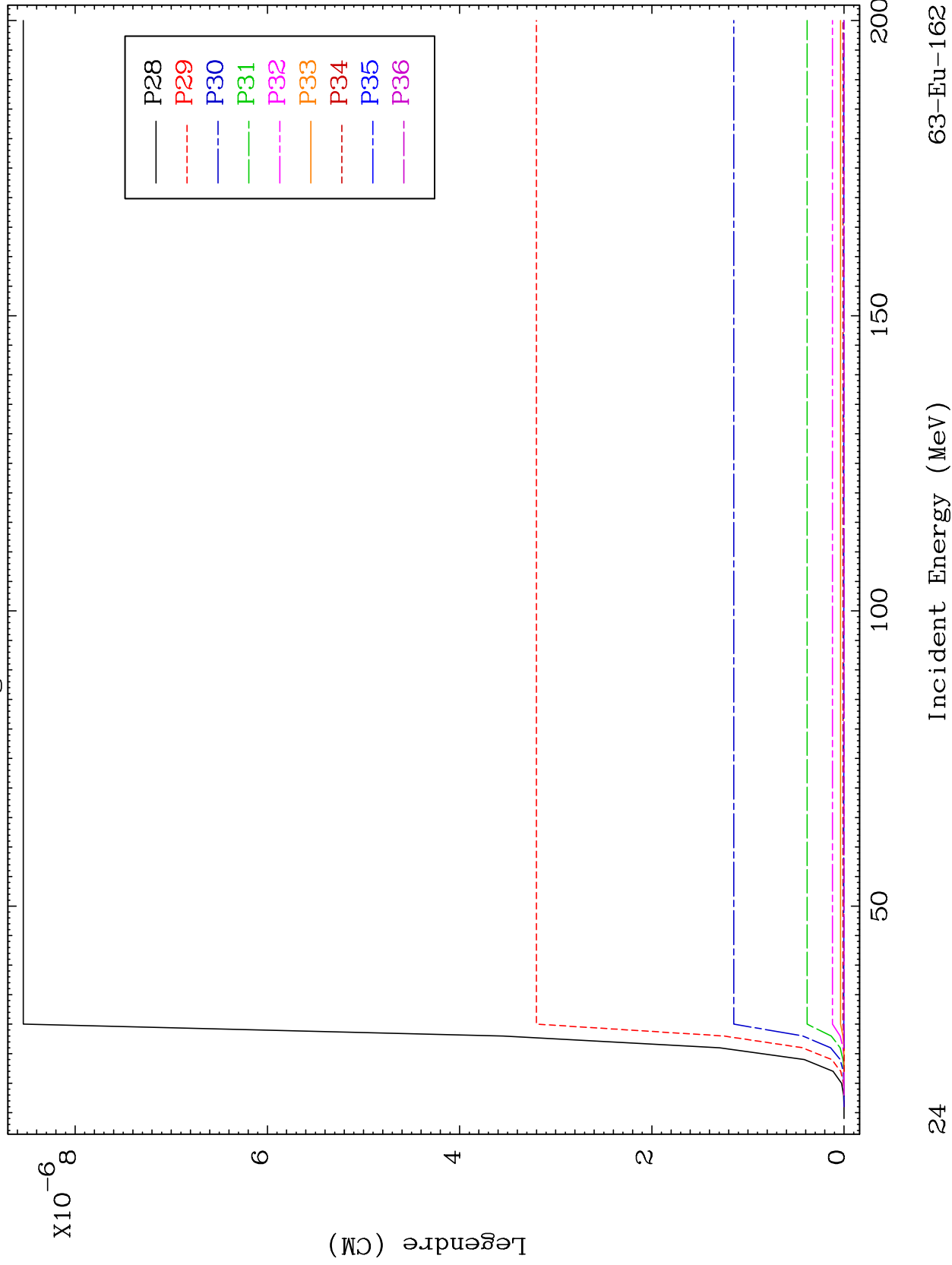




MAT 6358

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

63-Eu-162



24

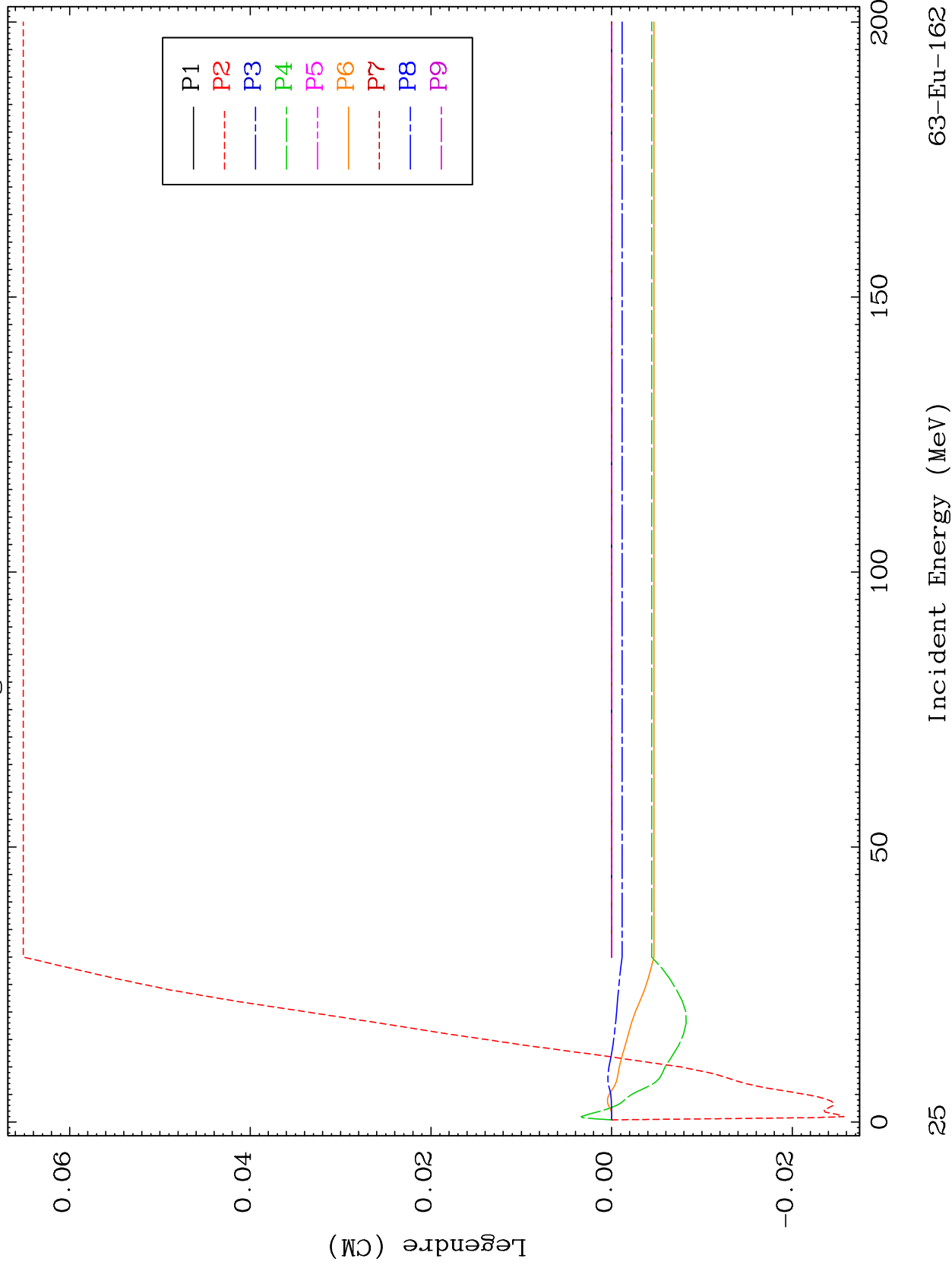
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

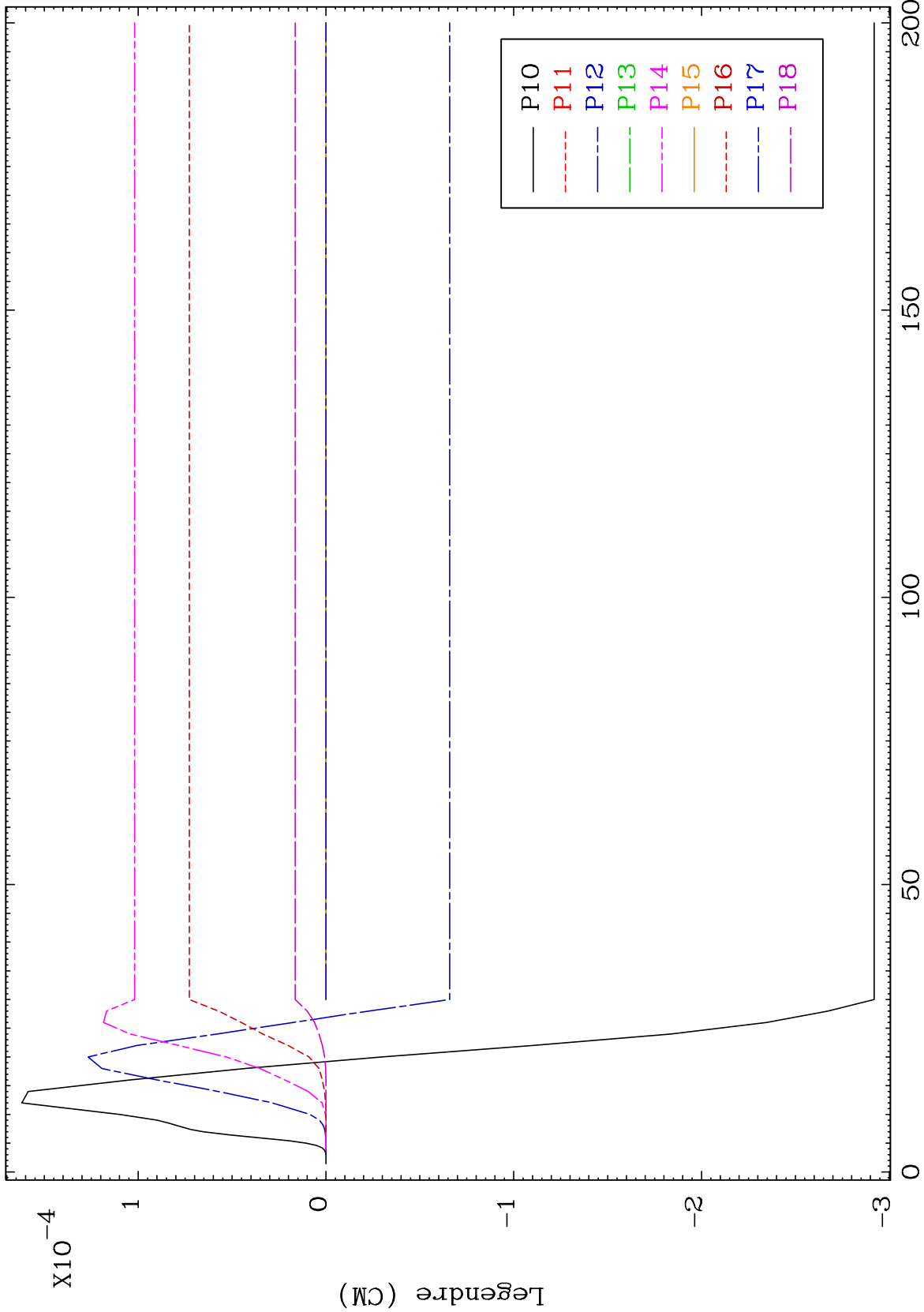
63-Eu-162



63-Eu-162

Incident Energy (MeV)

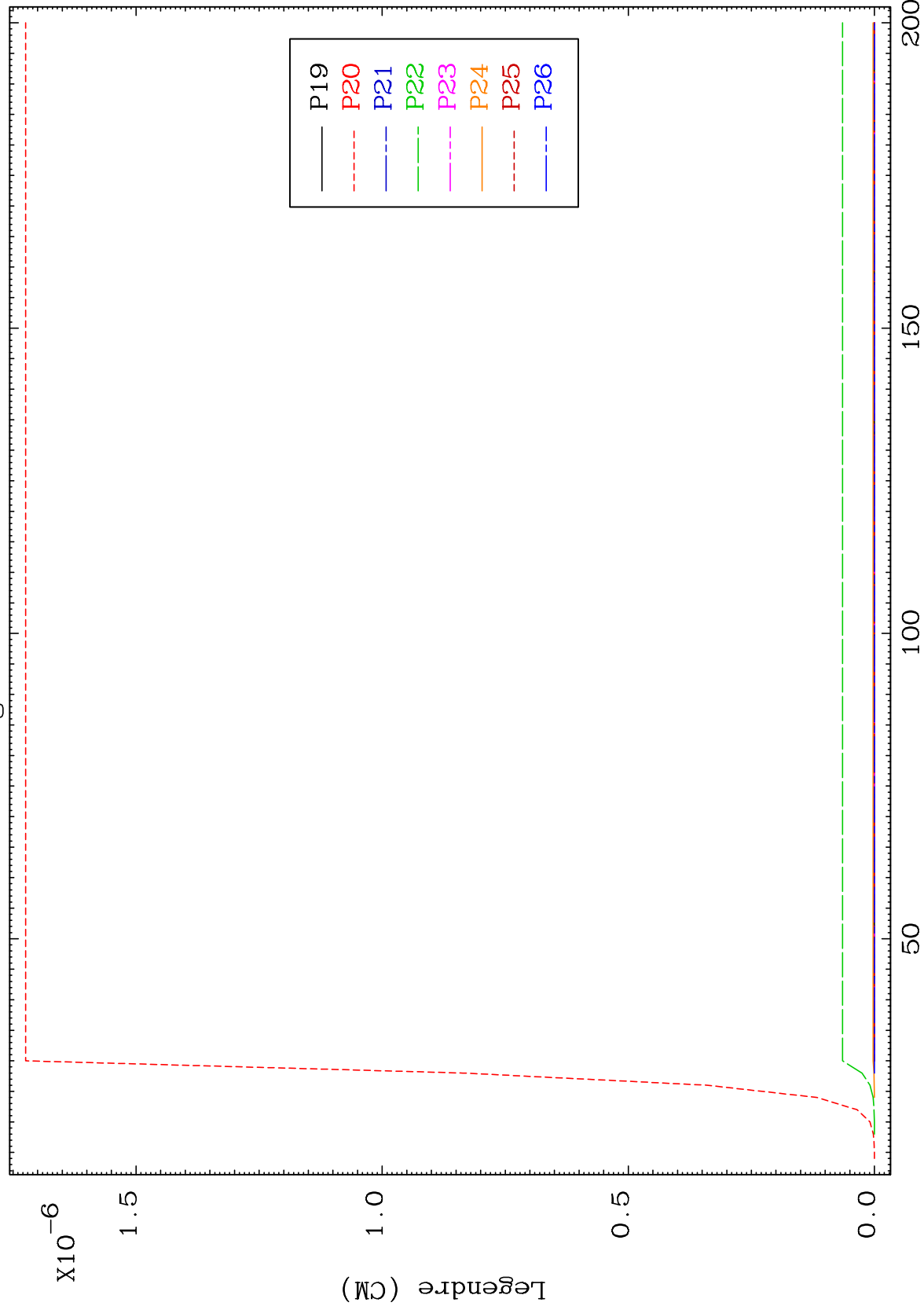
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MAT 6358

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

63-Eu-162



63-Eu-162

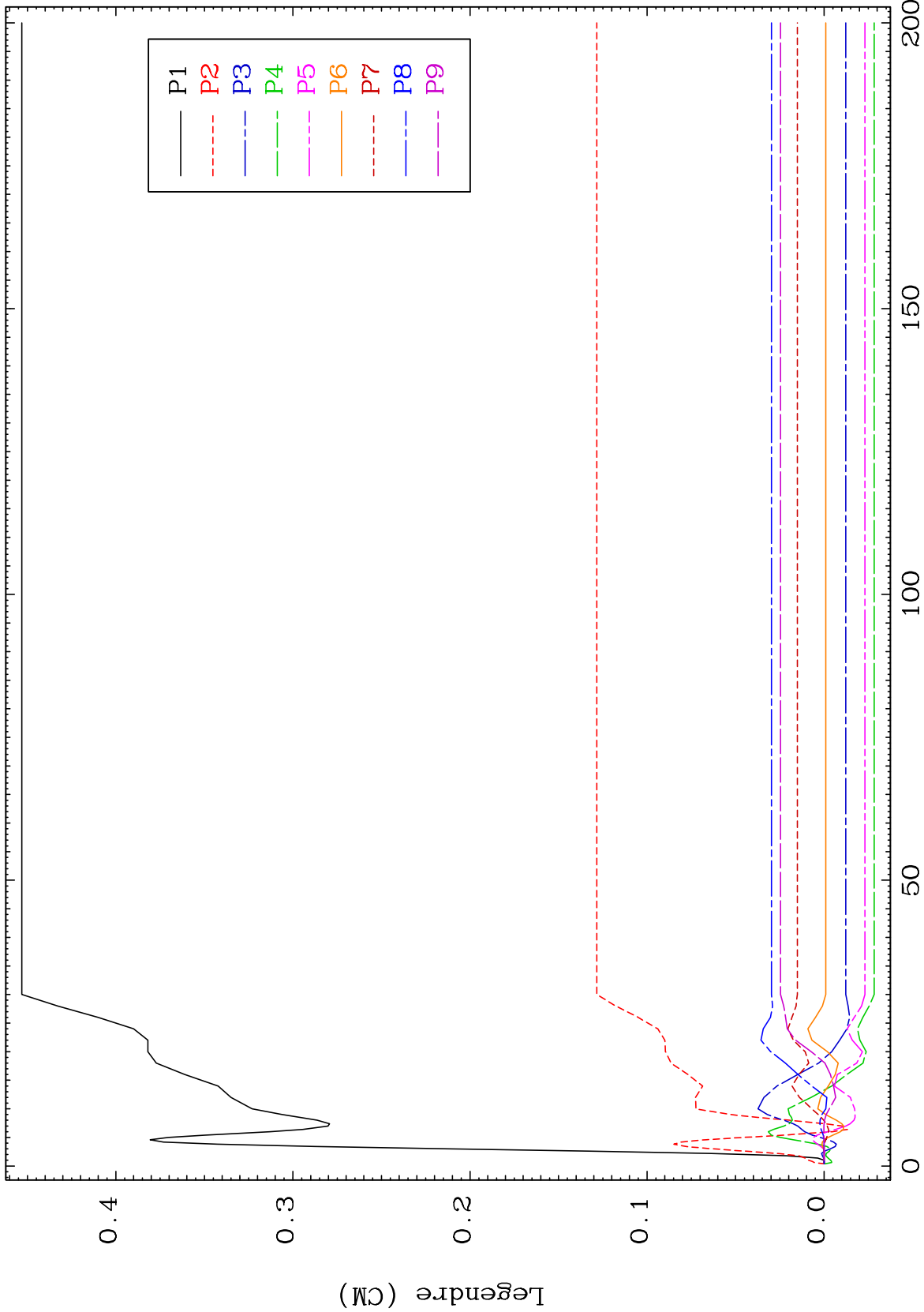
Incident Energy (MeV)

27

MAT 6358

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

63-Eu-162



28

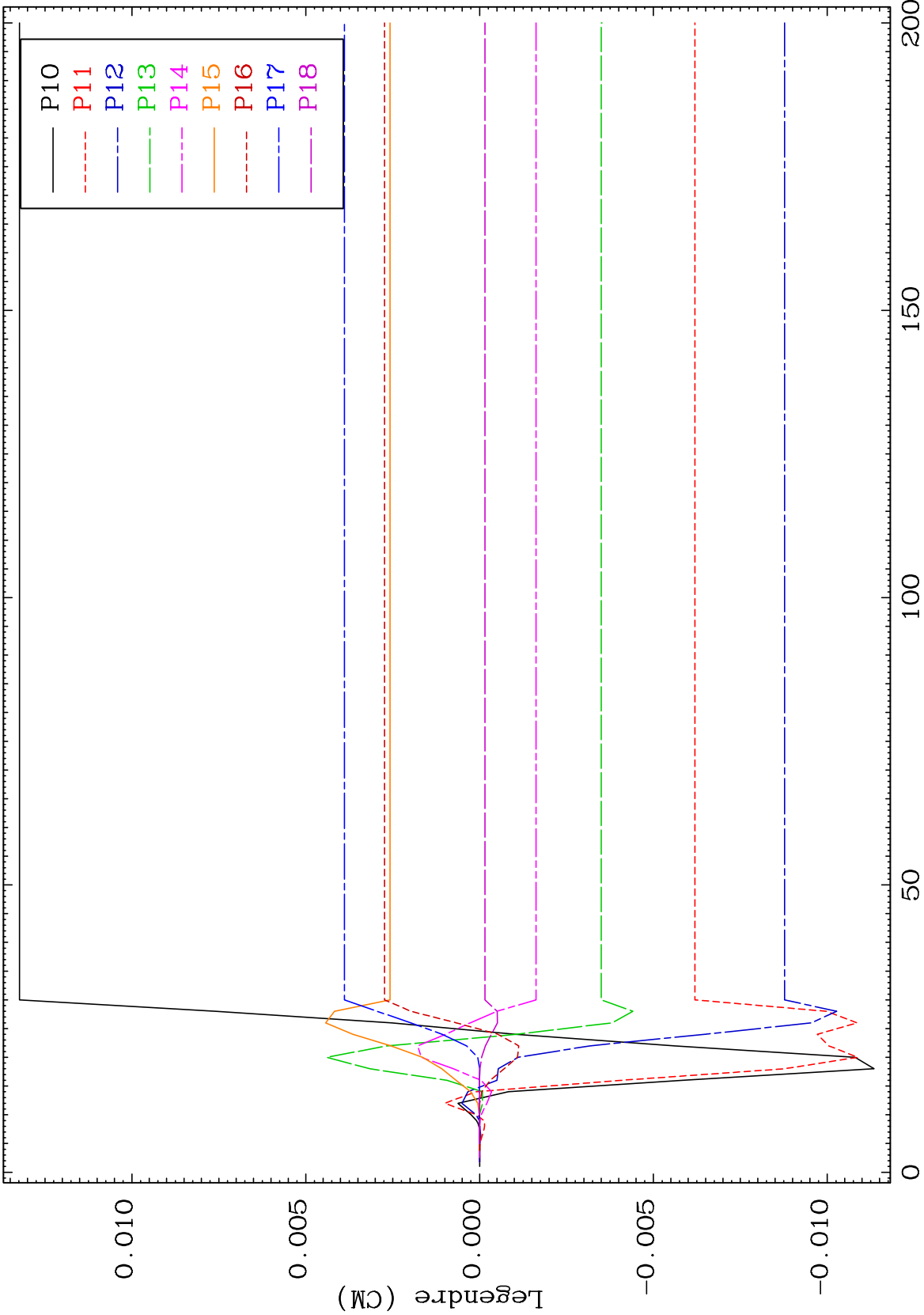
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



29

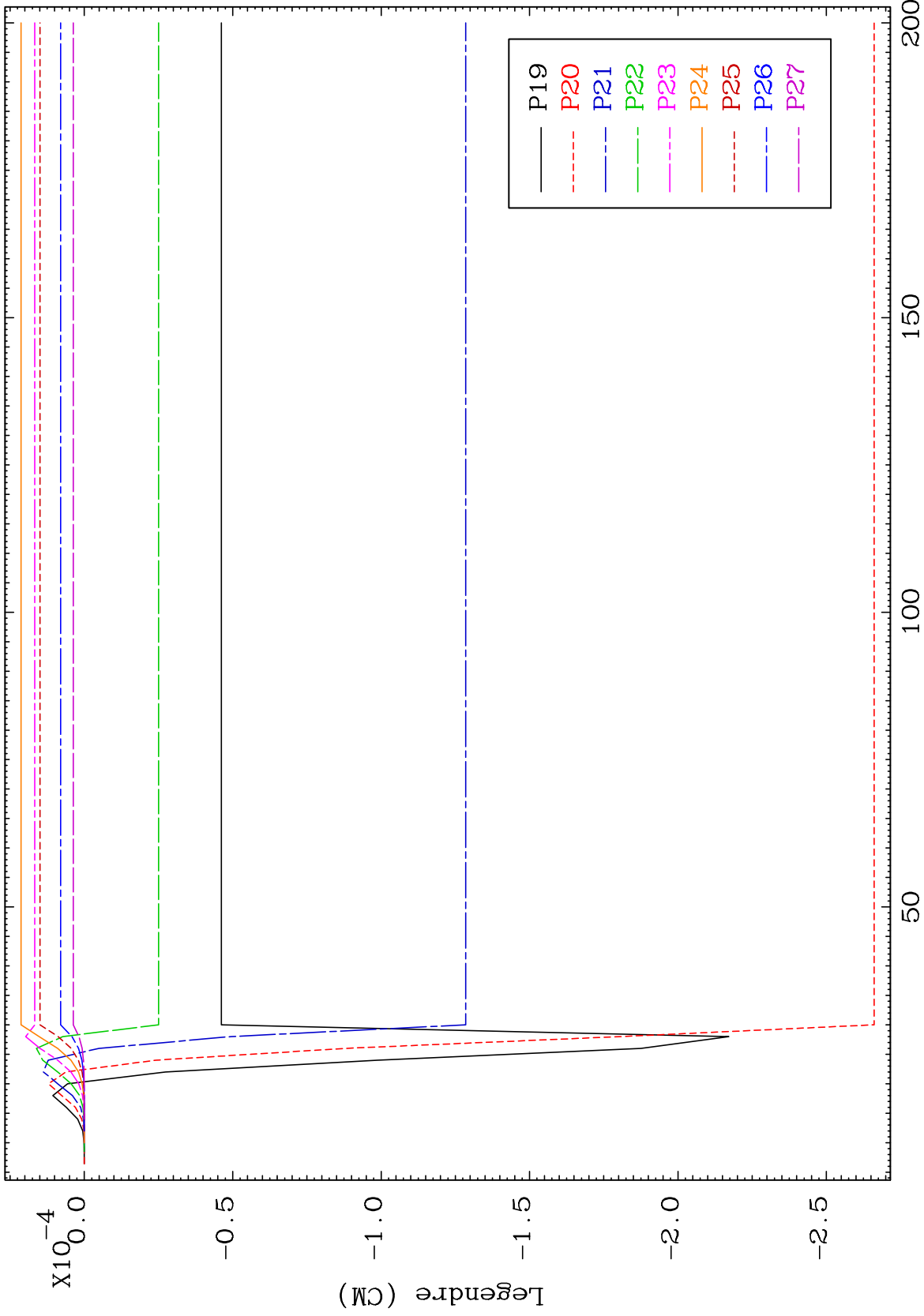
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



30

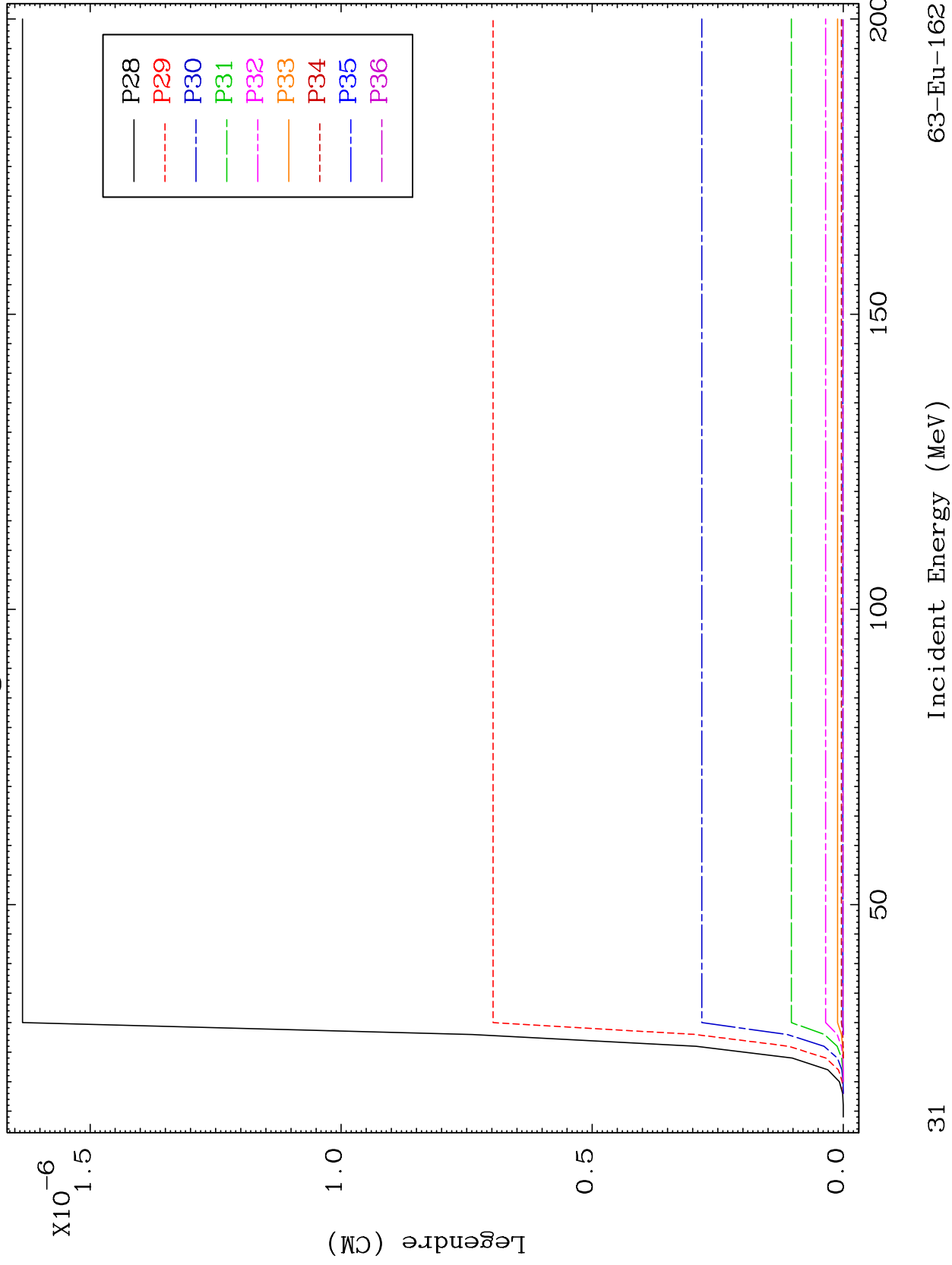
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162

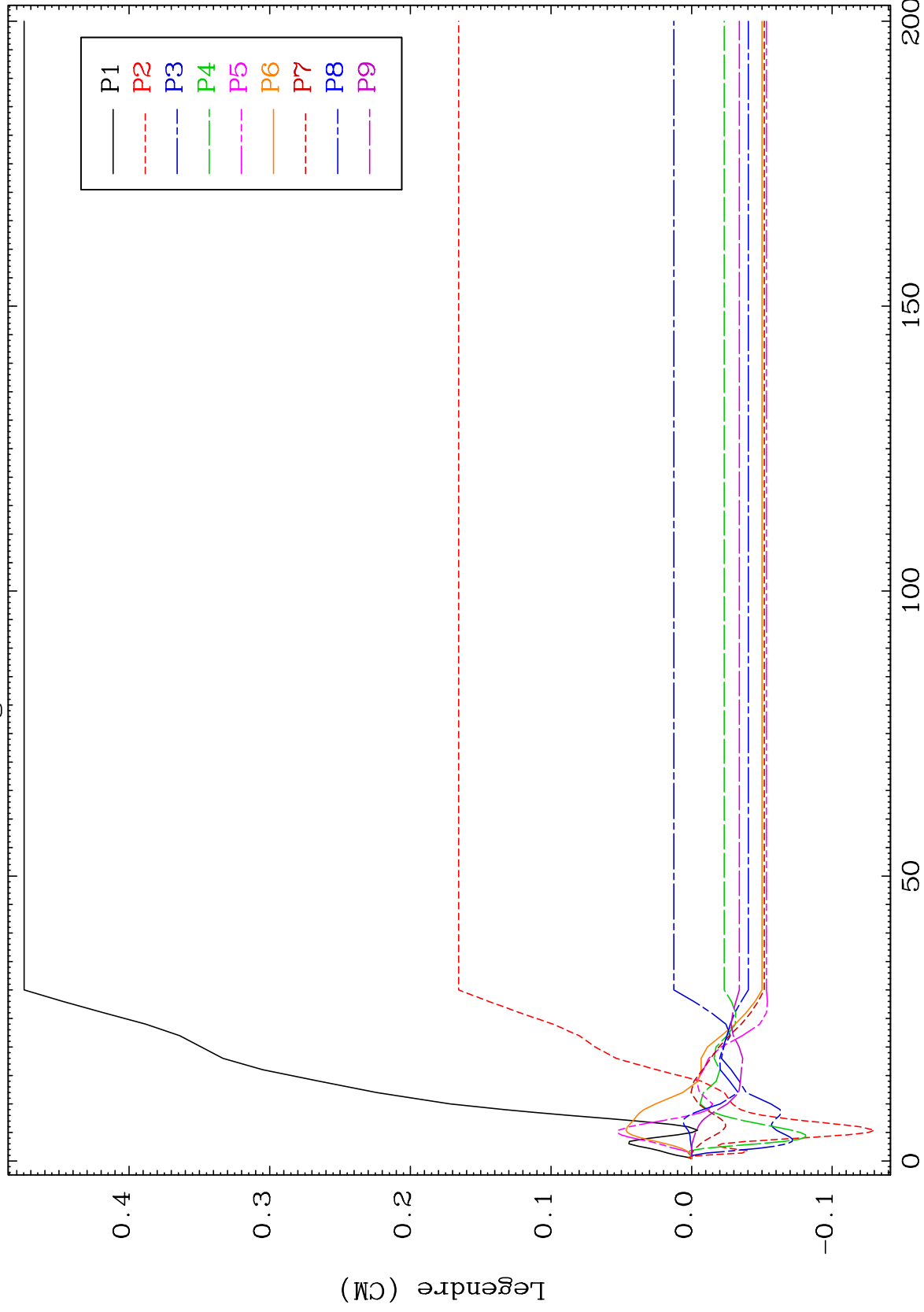


31

MAT 6358

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

63-Eu-162



32

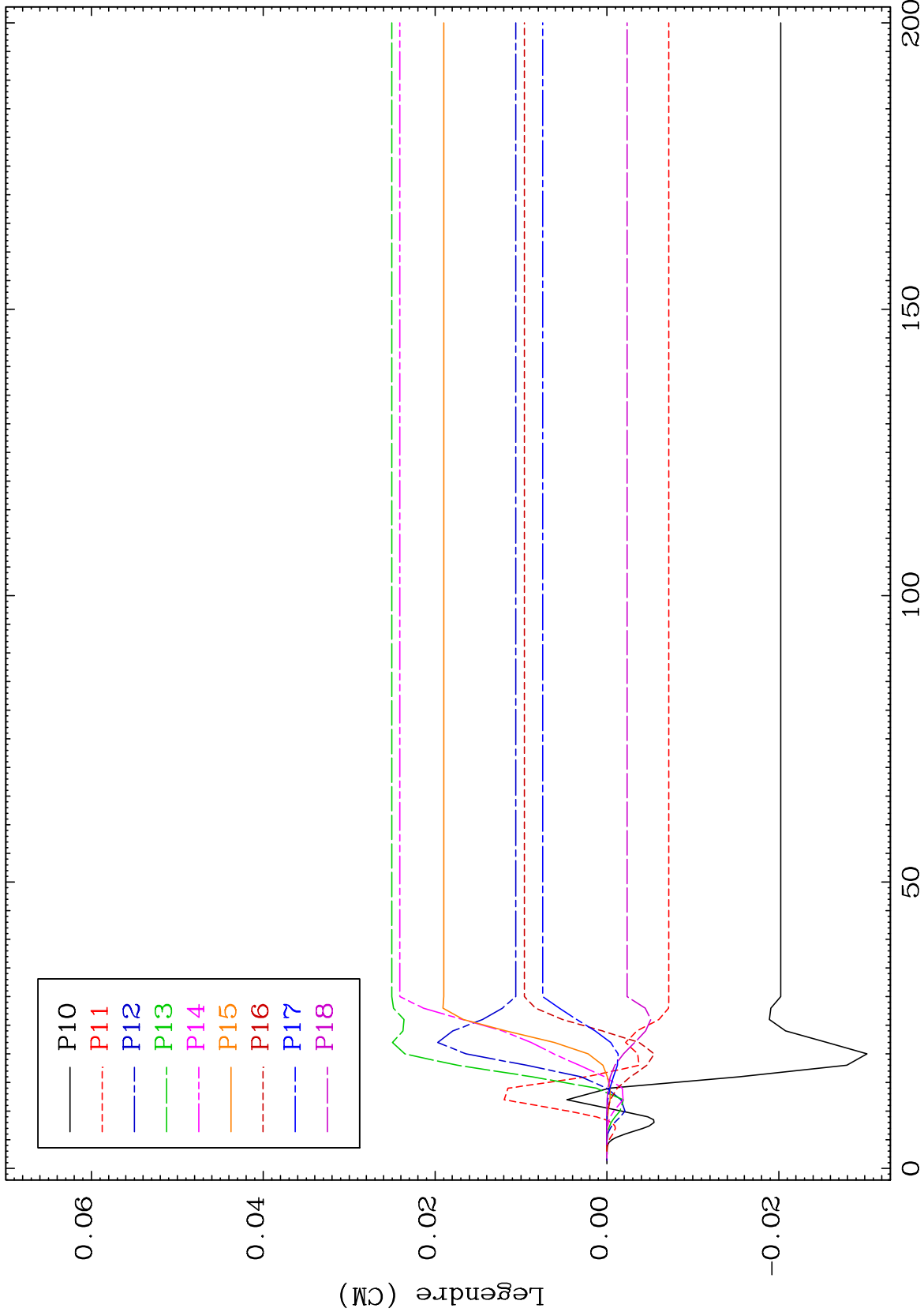
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



33

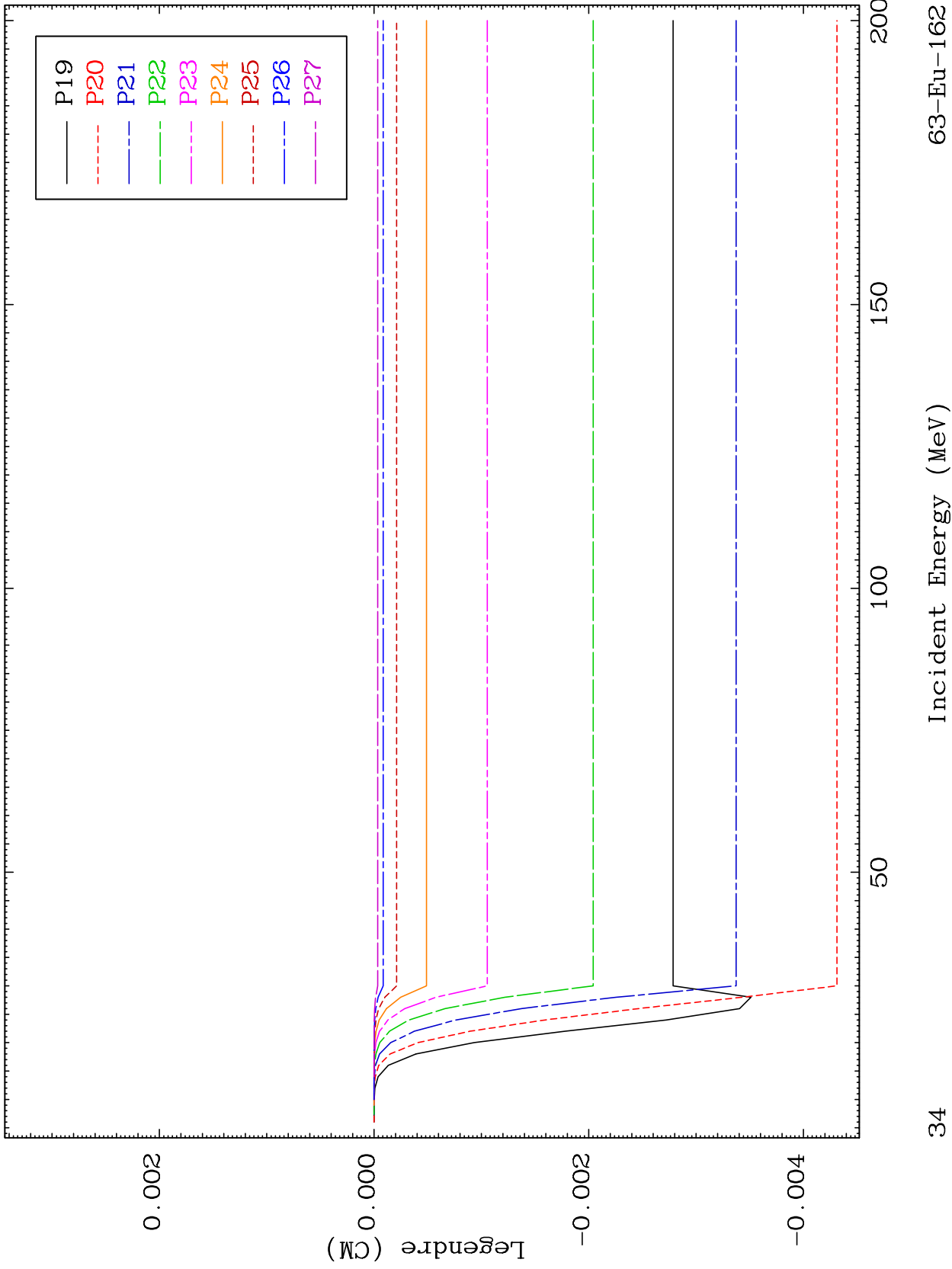
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

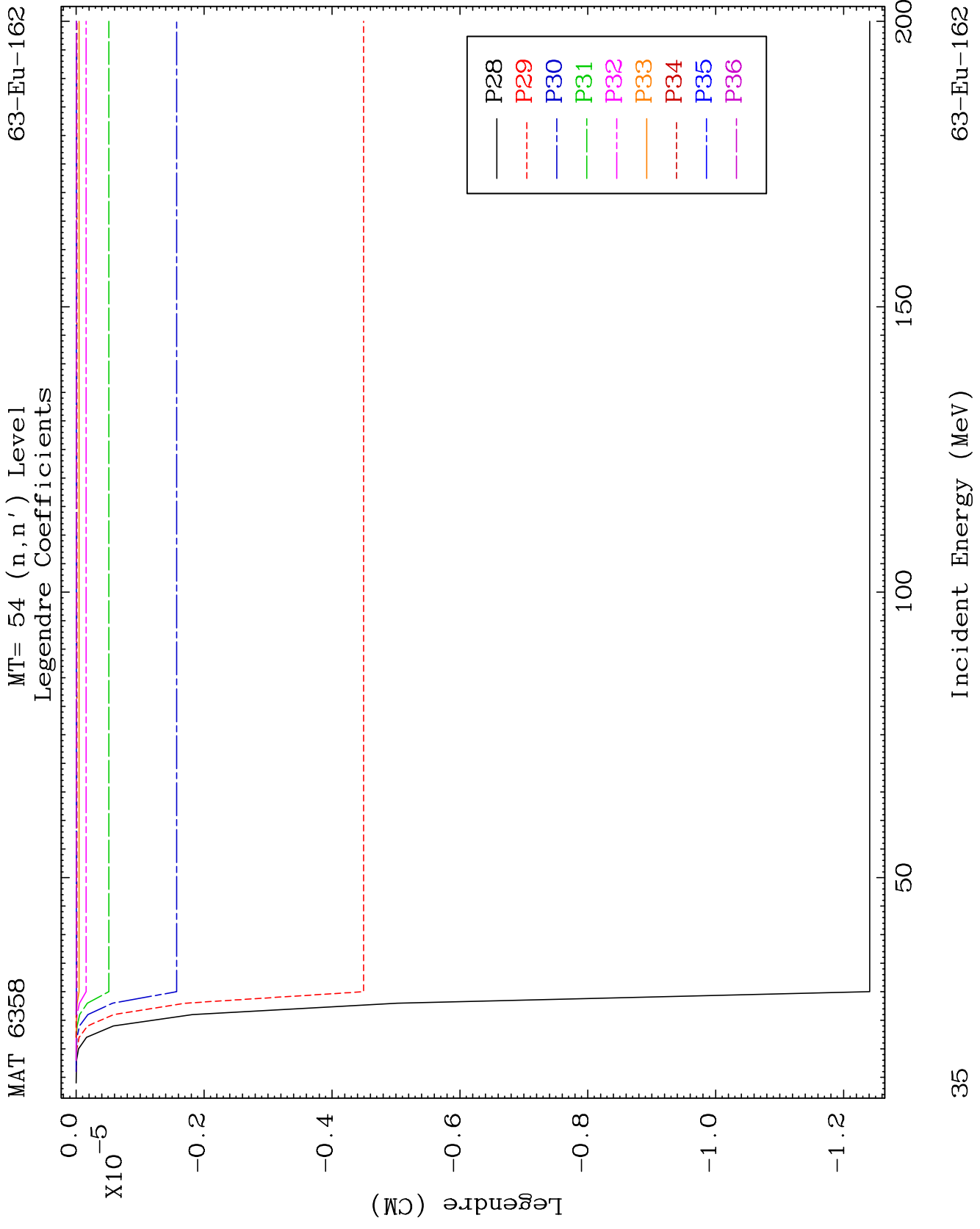
63-Eu-162



34

Incident Energy (MeV)

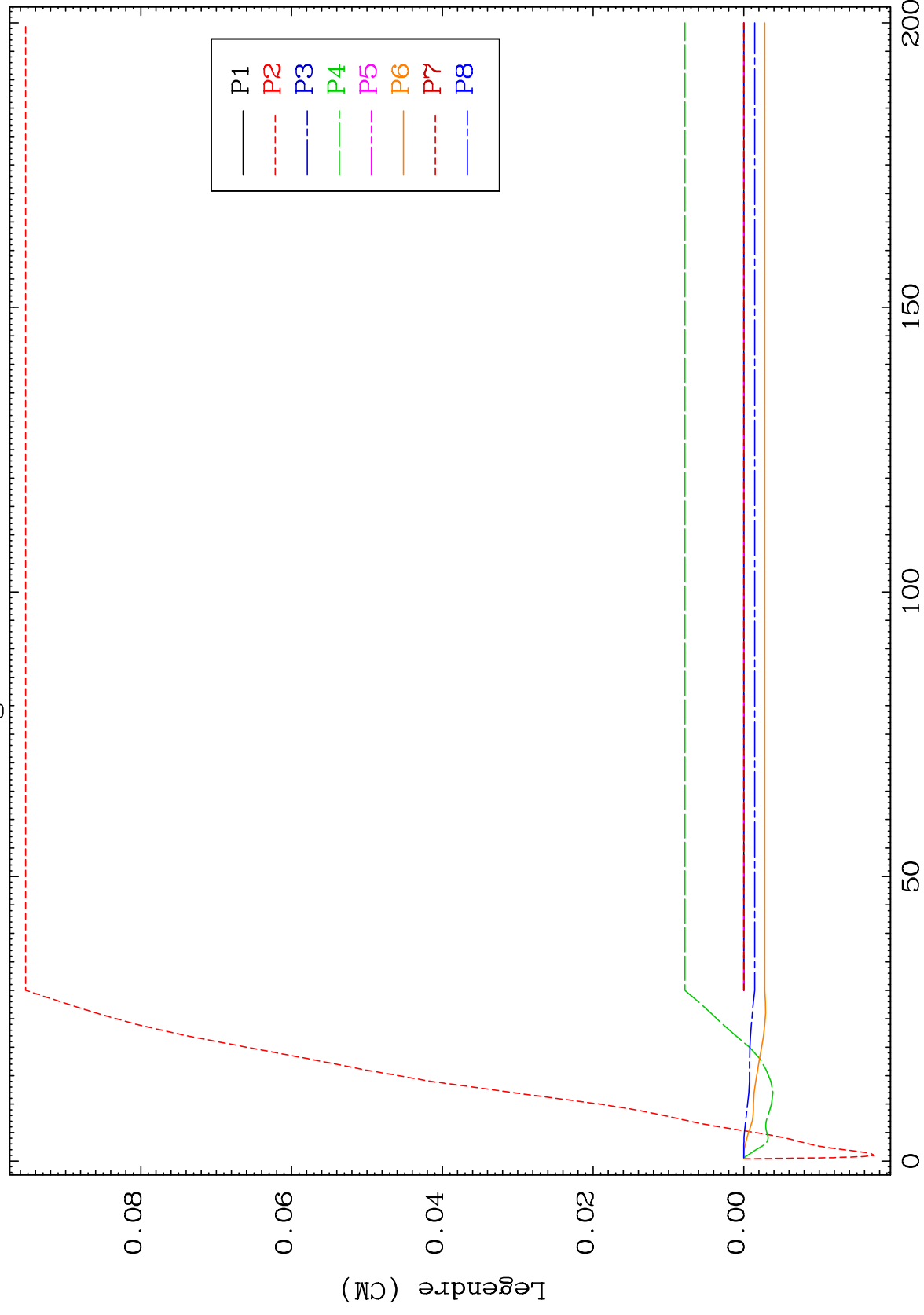
63-Eu-162



MAT 6358

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

63-Eu-162



36

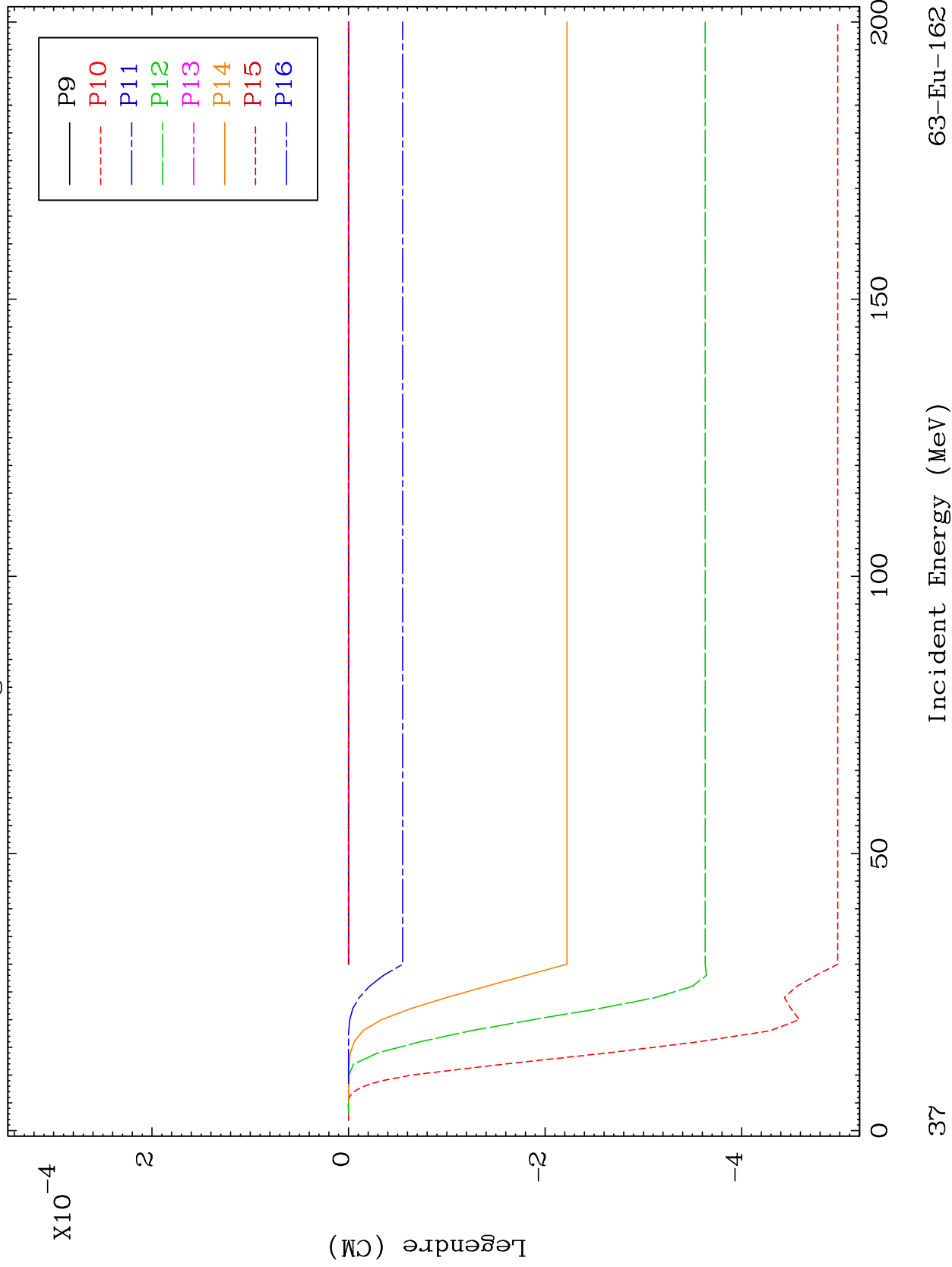
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



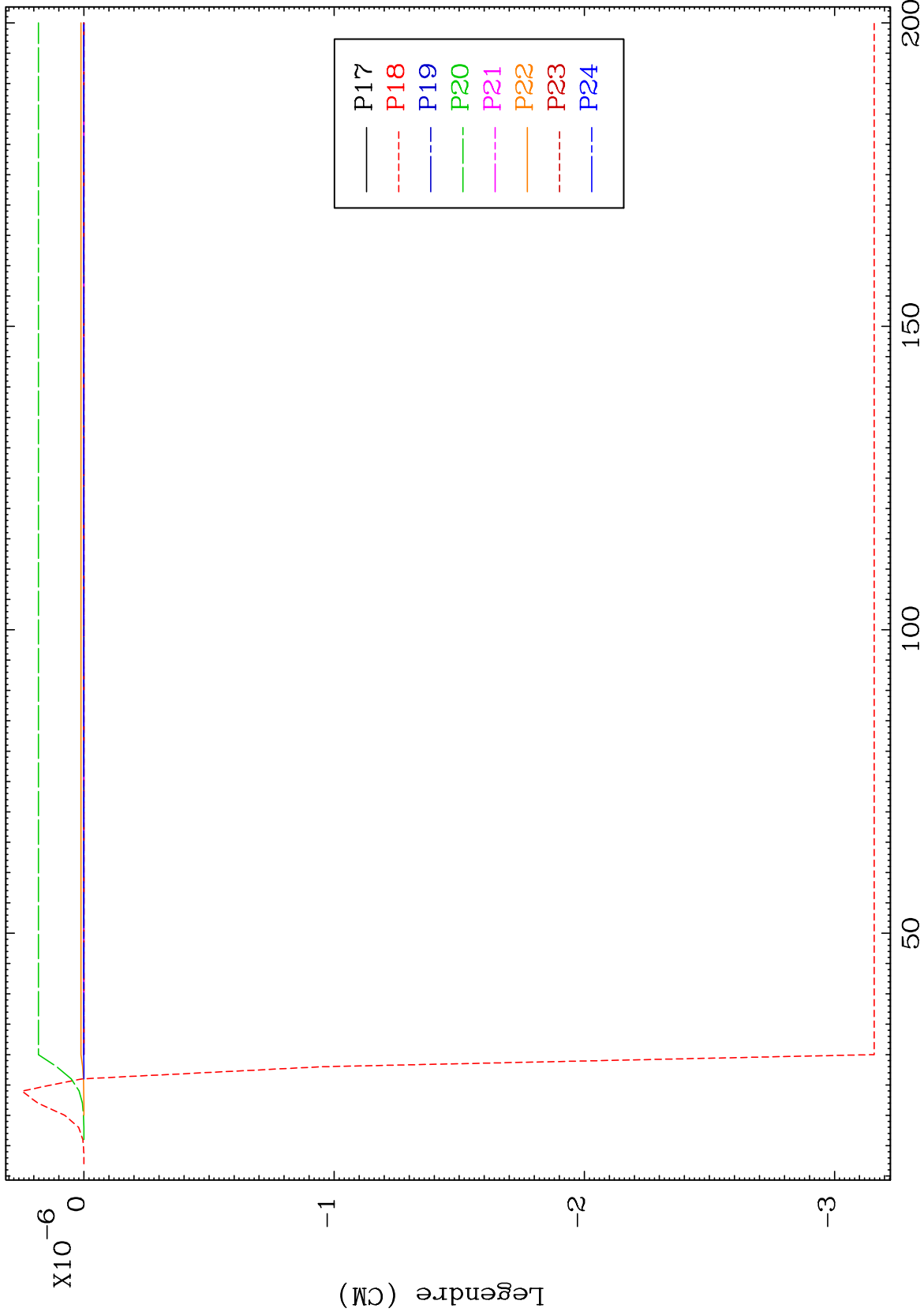
37

63-Eu-162

MAT 6358

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

63-Eu-162



38

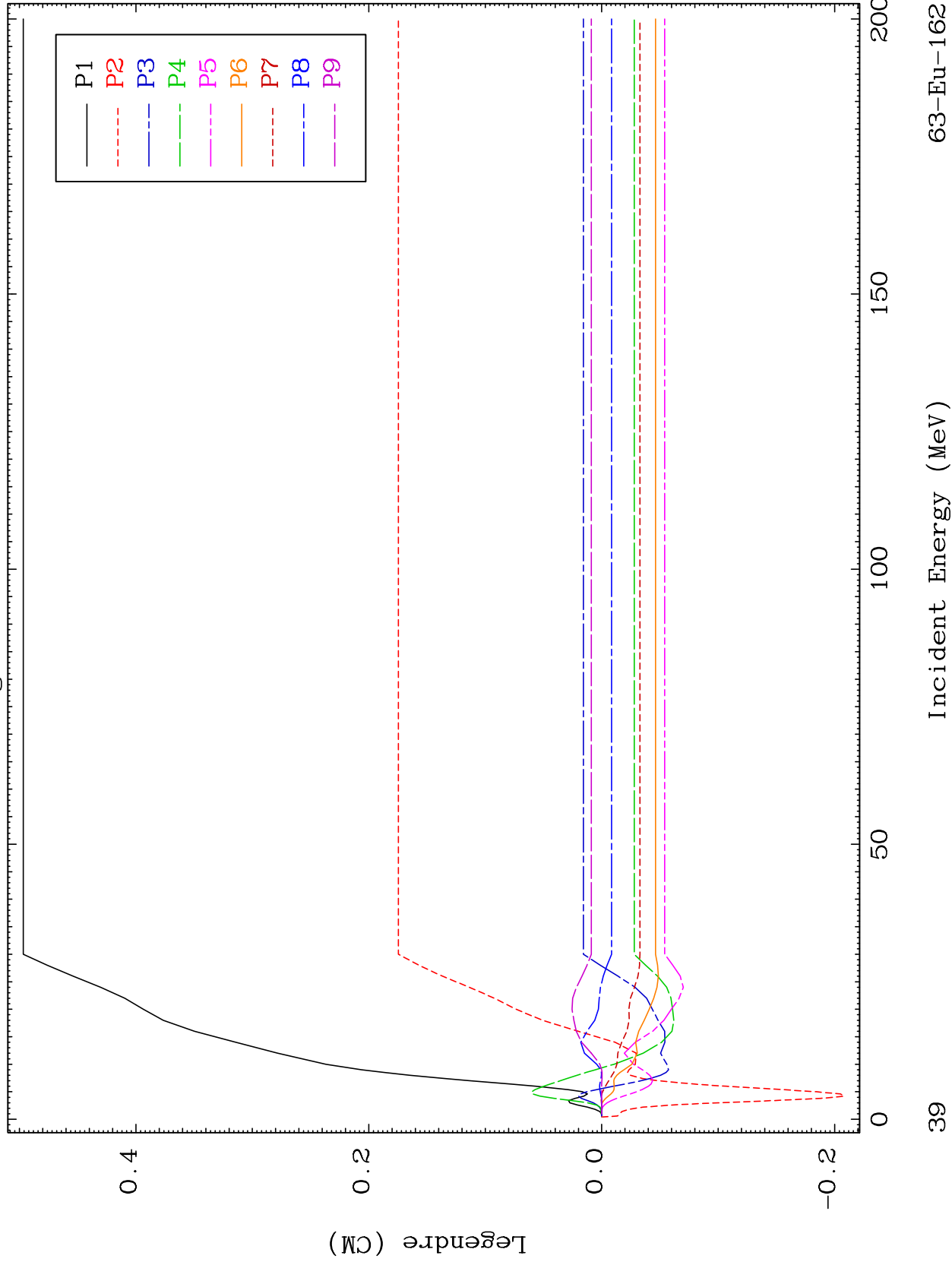
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

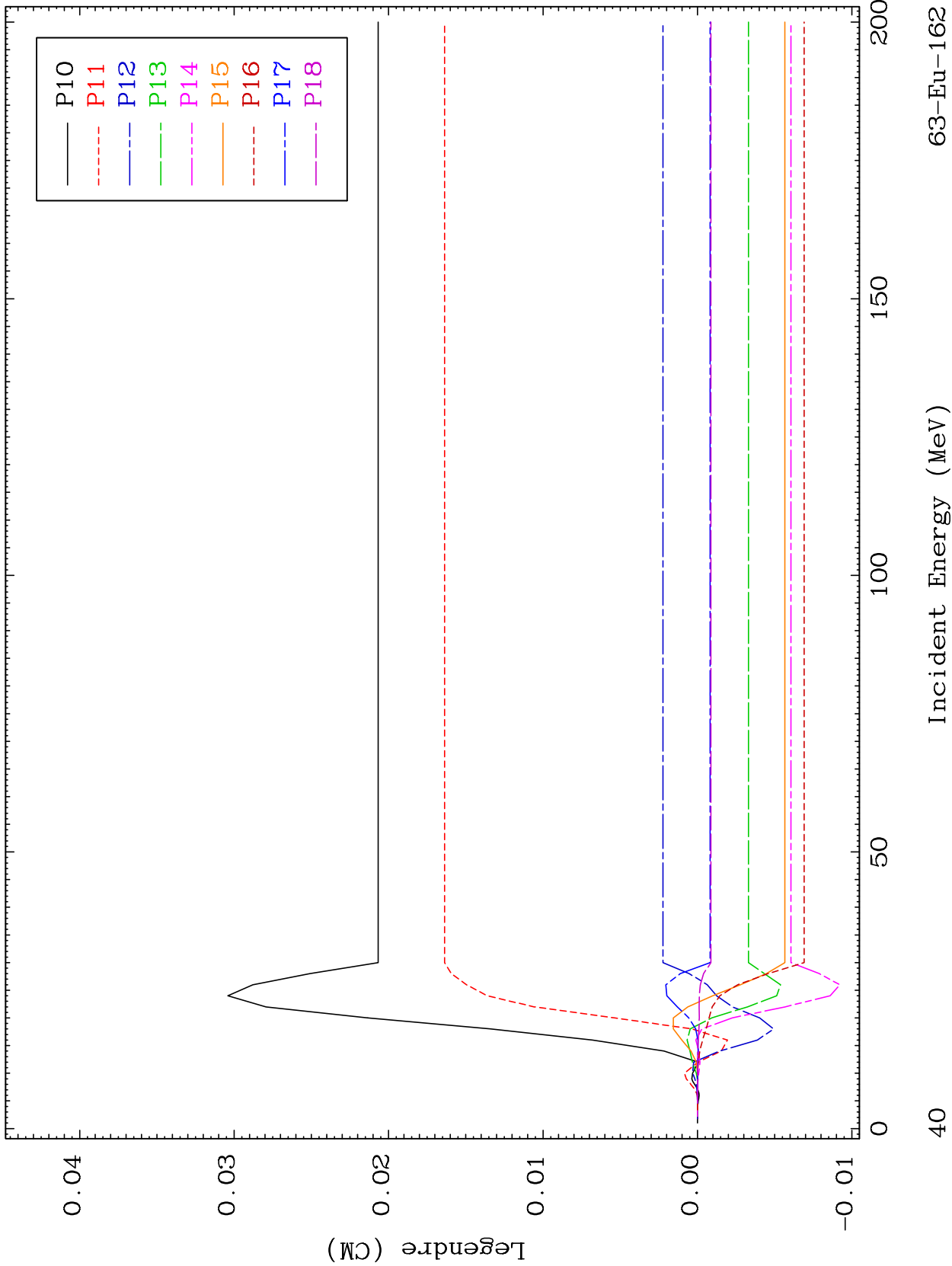
63-Eu-162



MAT 6358

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

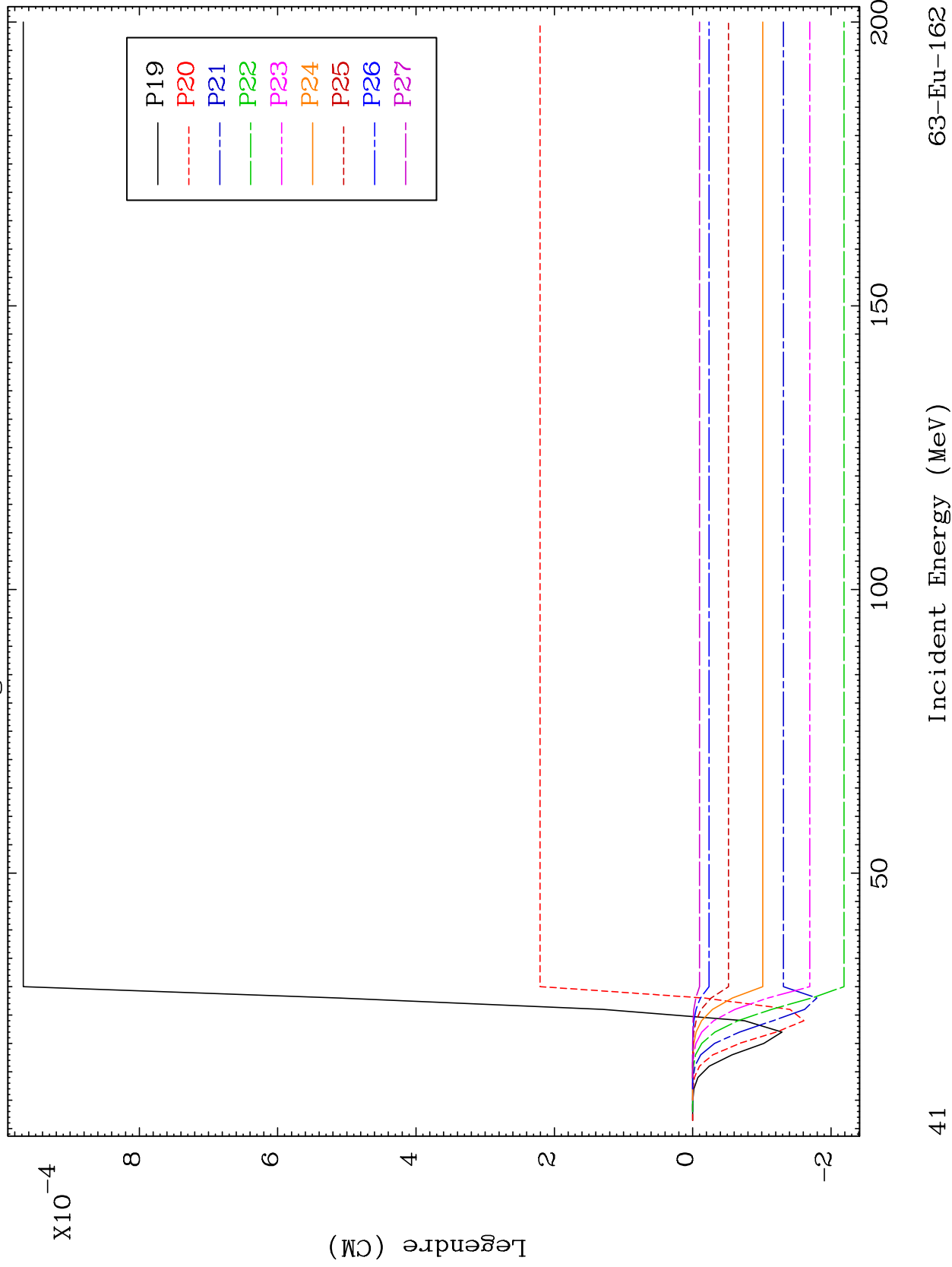
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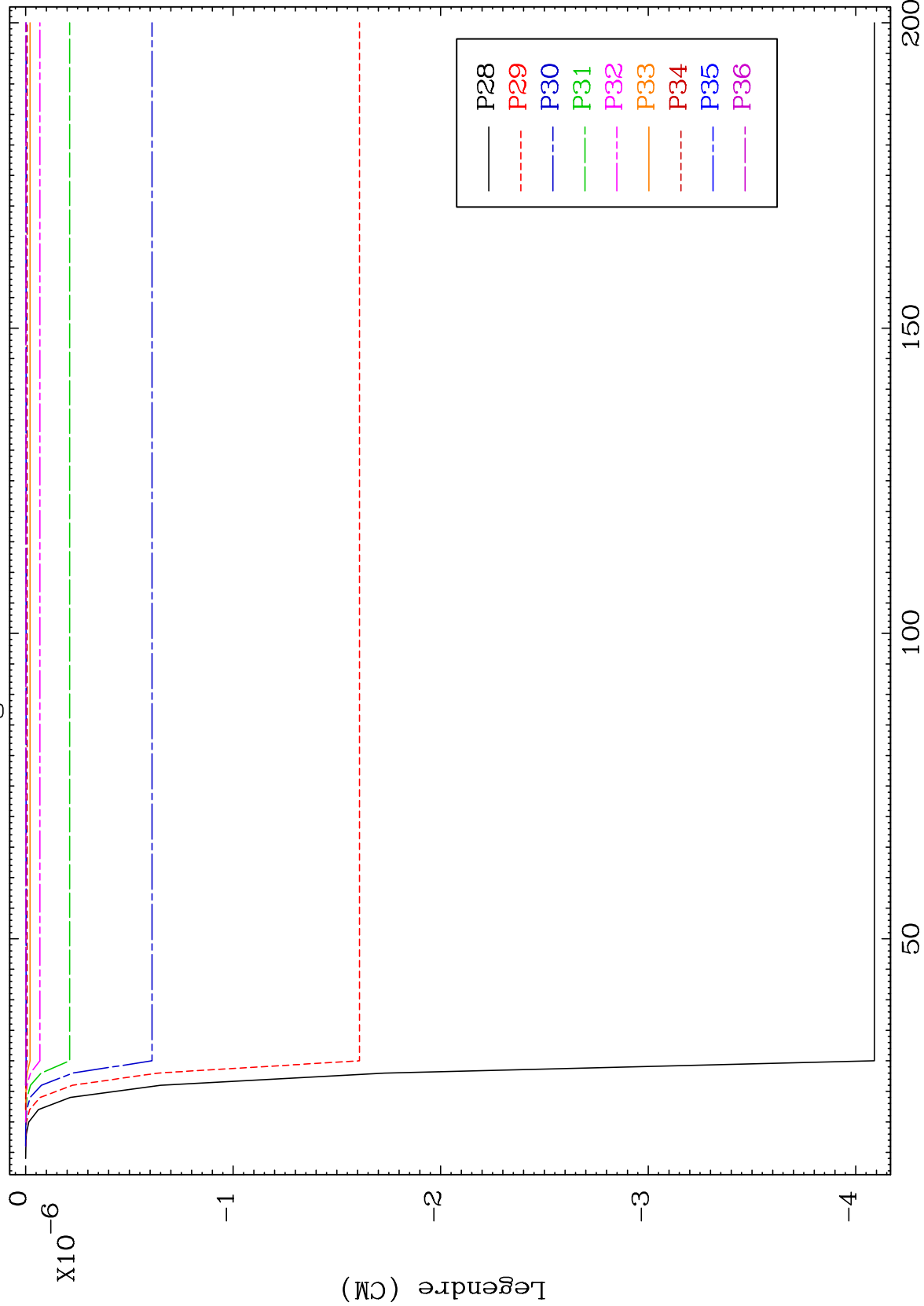
63-Eu-162

Incident Energy (MeV)

40



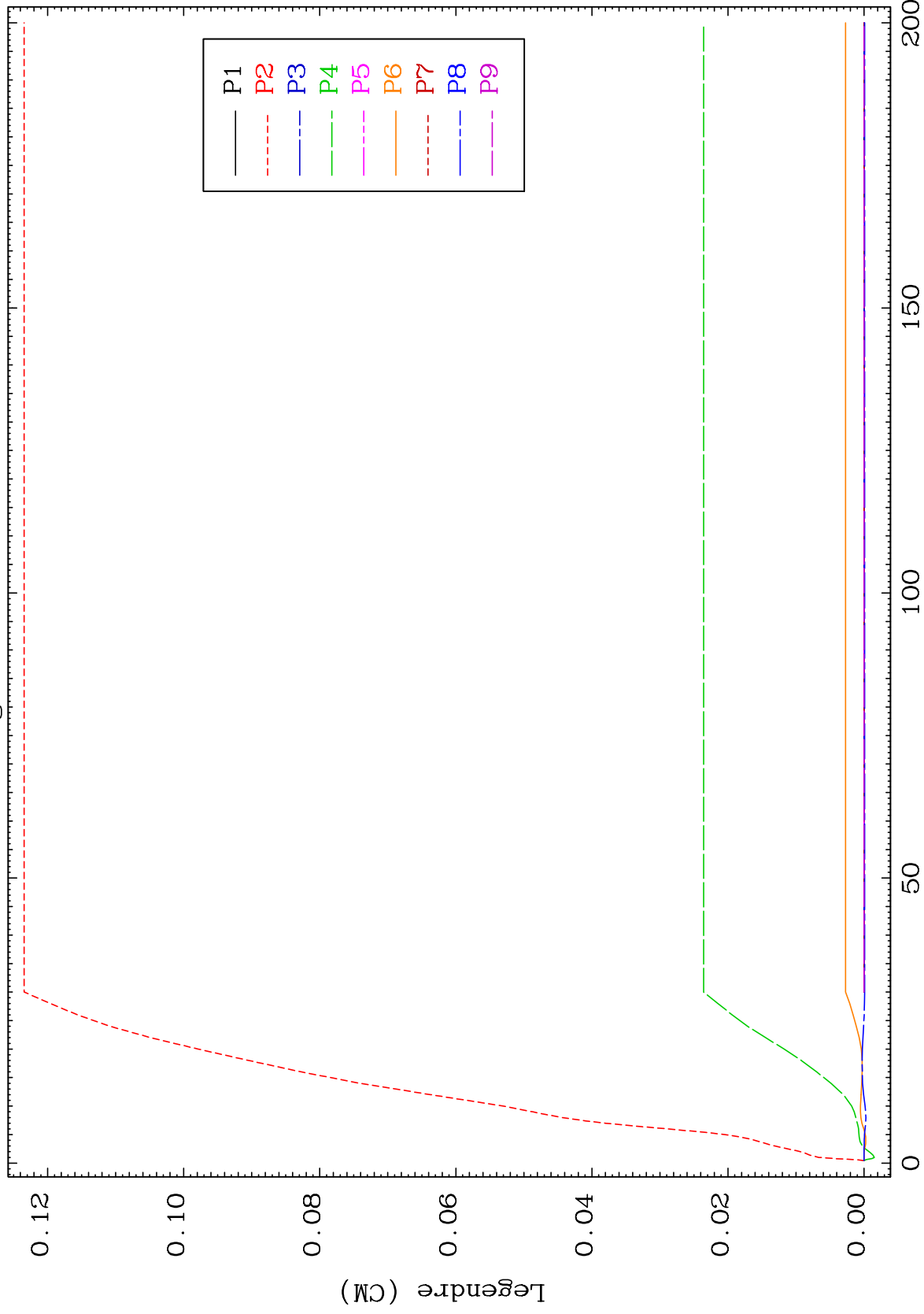
Legendre Coefficients



MAT 6358

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

63-Eu-162



43

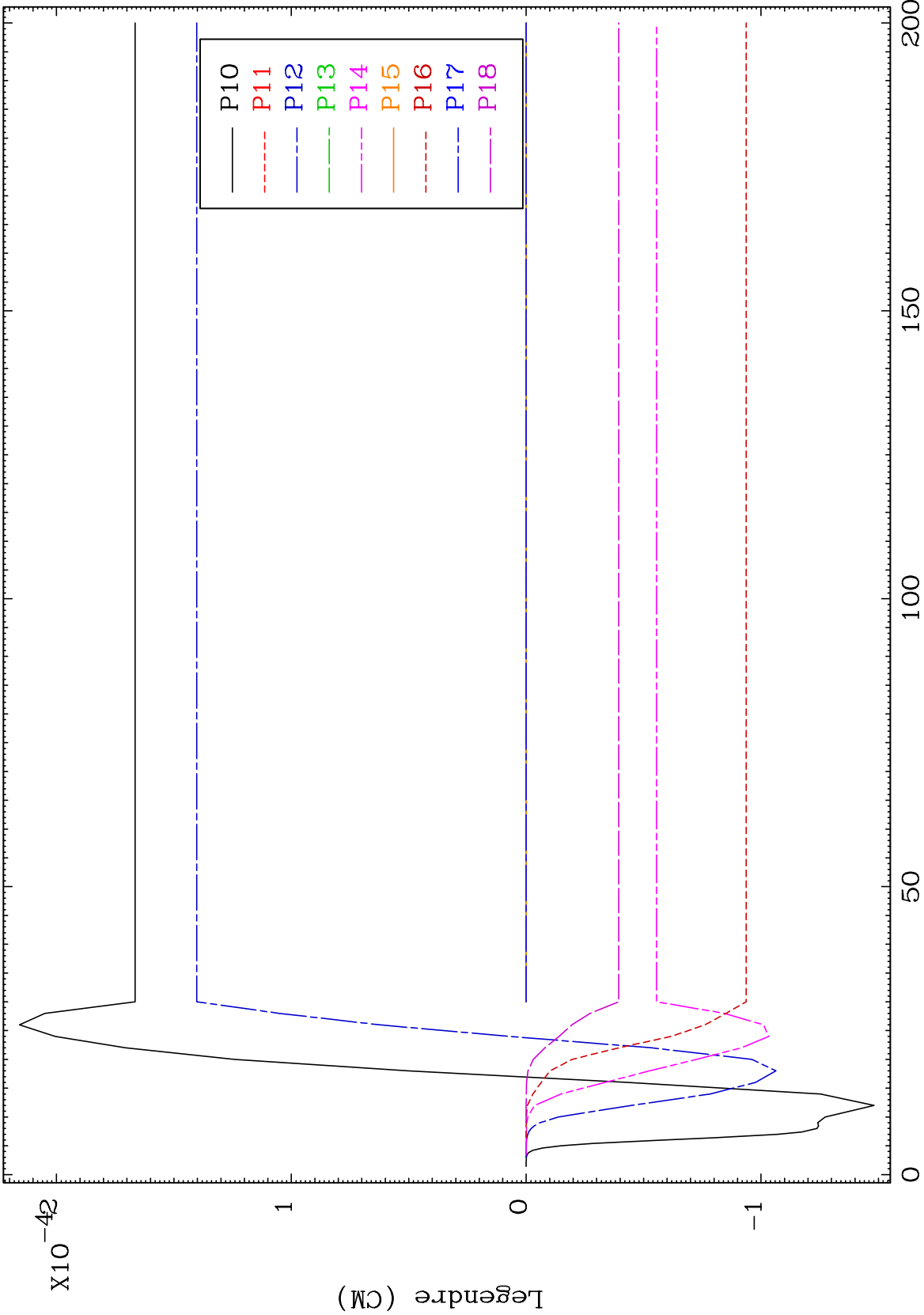
Incident Energy (MeV)

63-Eu-162

MAT 6358

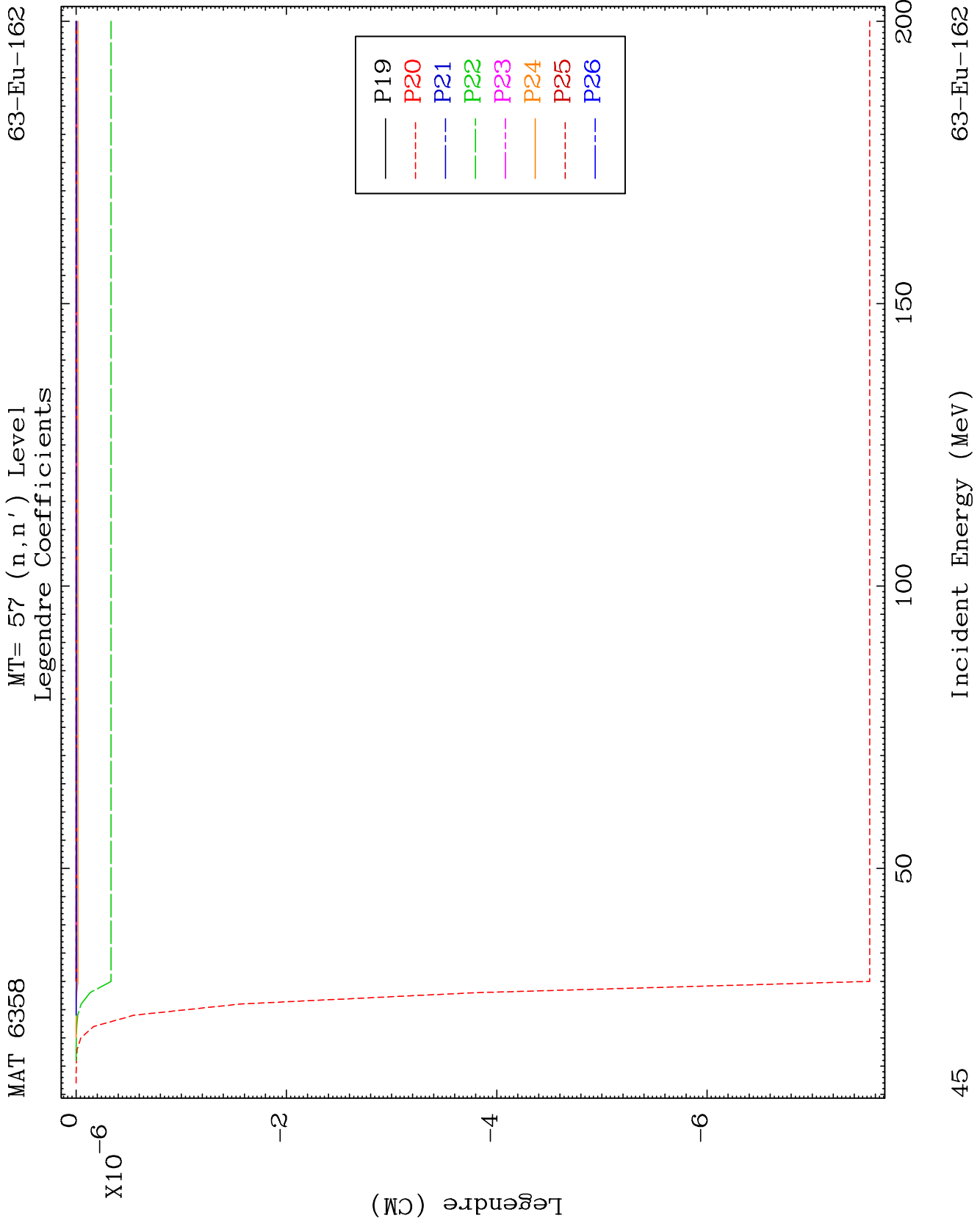
MT= 57 (n,n') Level  
Legendre Coefficients

63-Eu-162



44

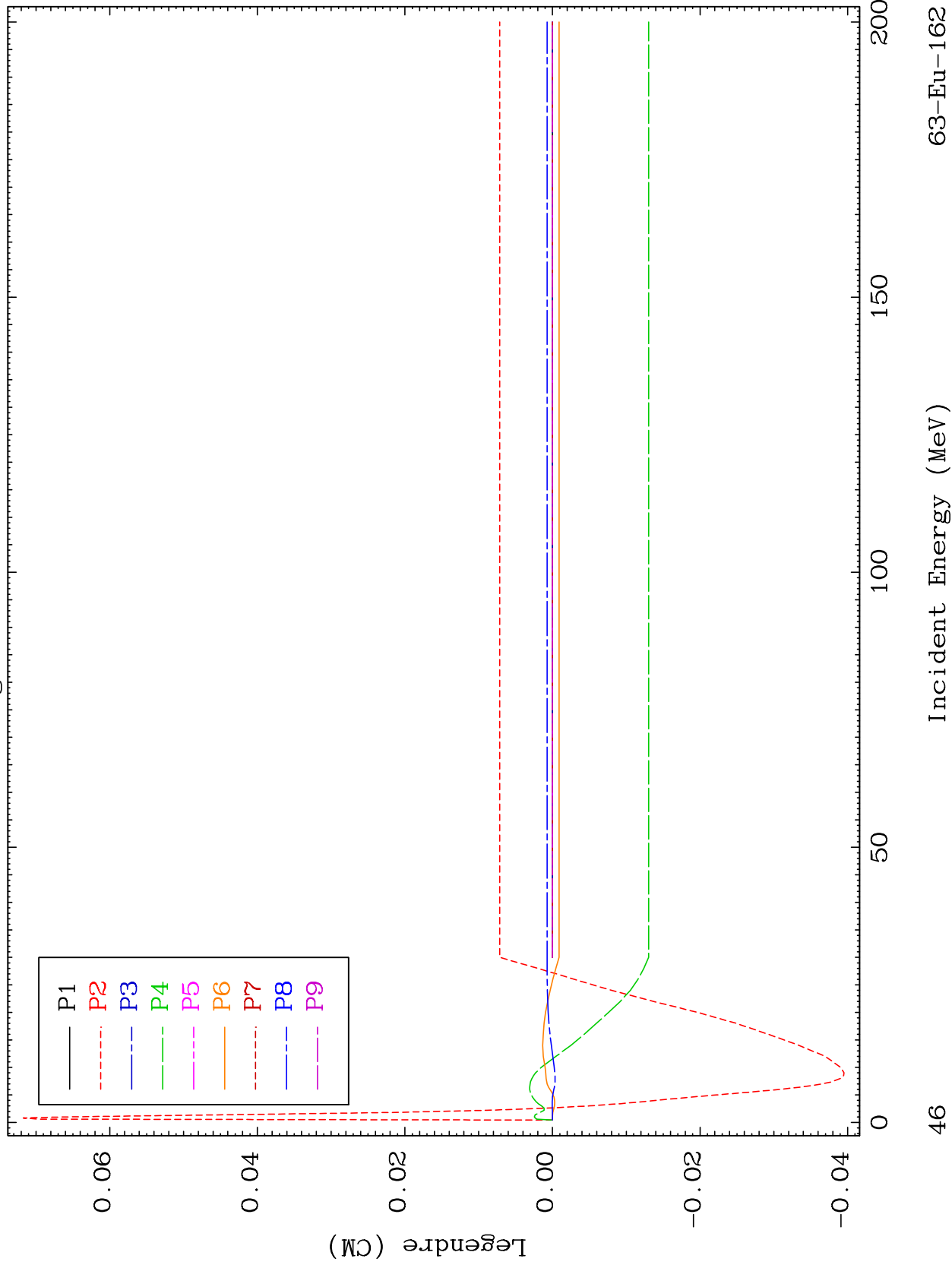
63-Eu-162



MAT 6358

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

63-Eu-162

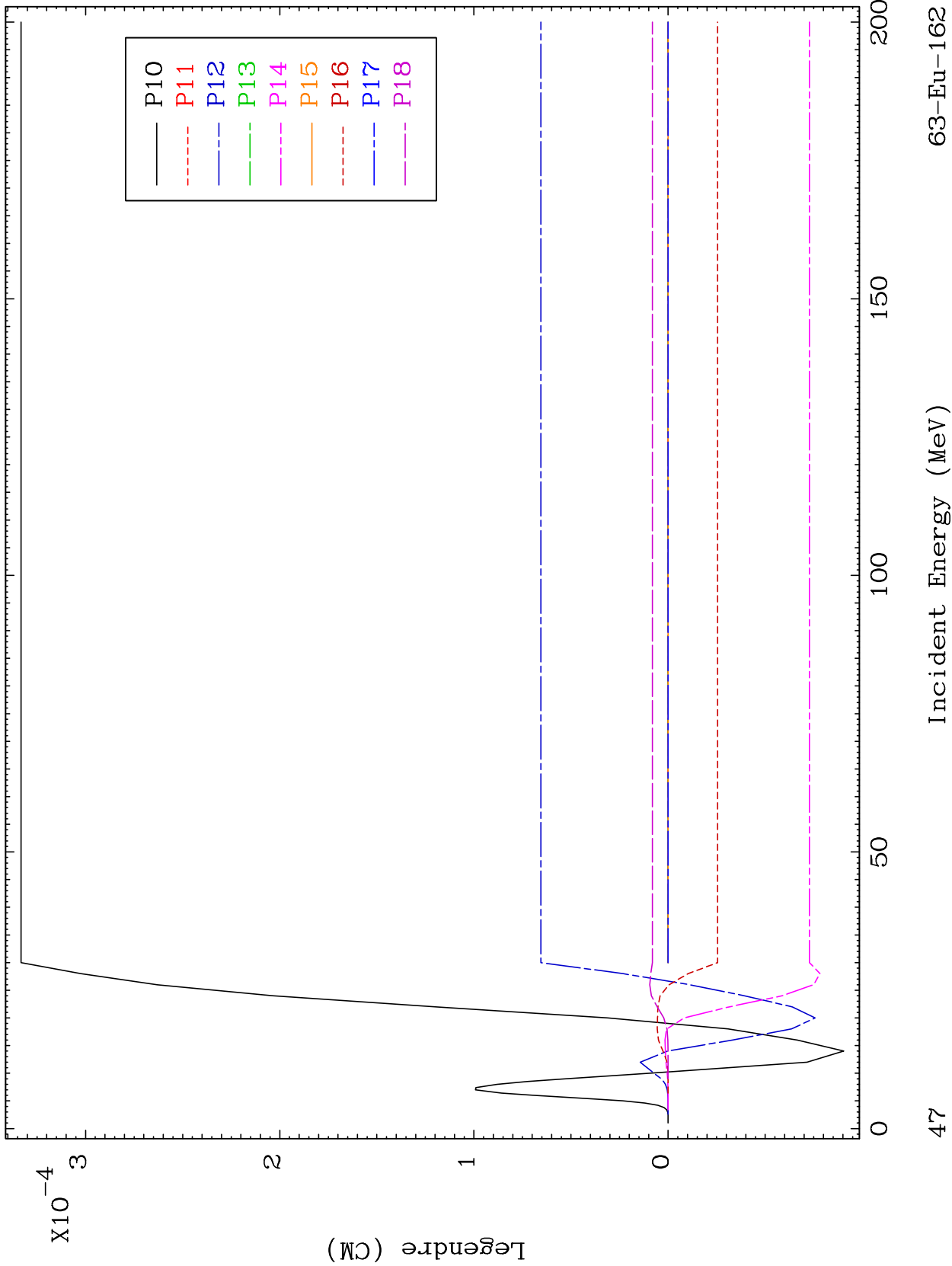


46

MAT 6358

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

63-Eu-162



63-Eu-162

Incident Energy (MeV)

47

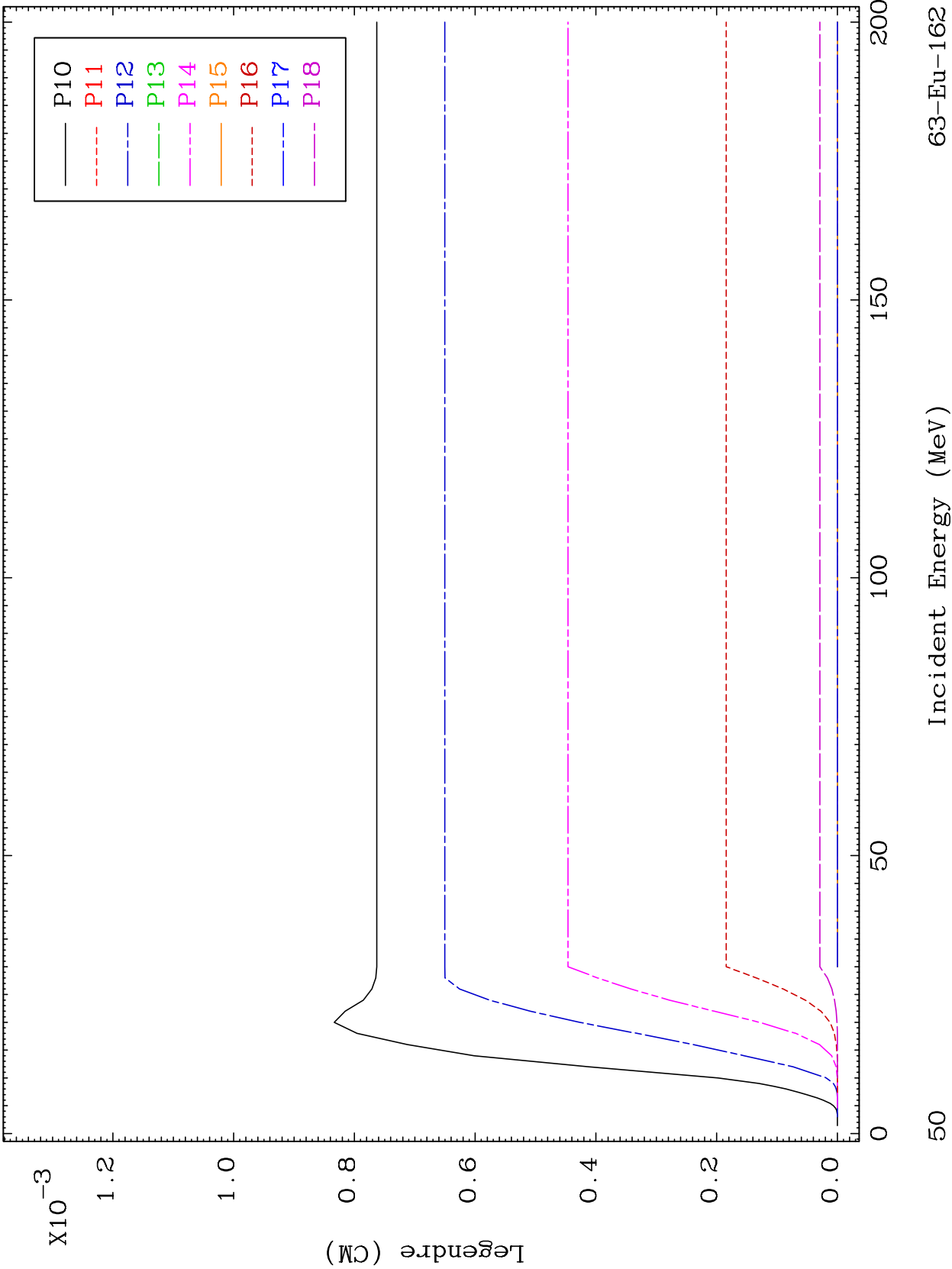


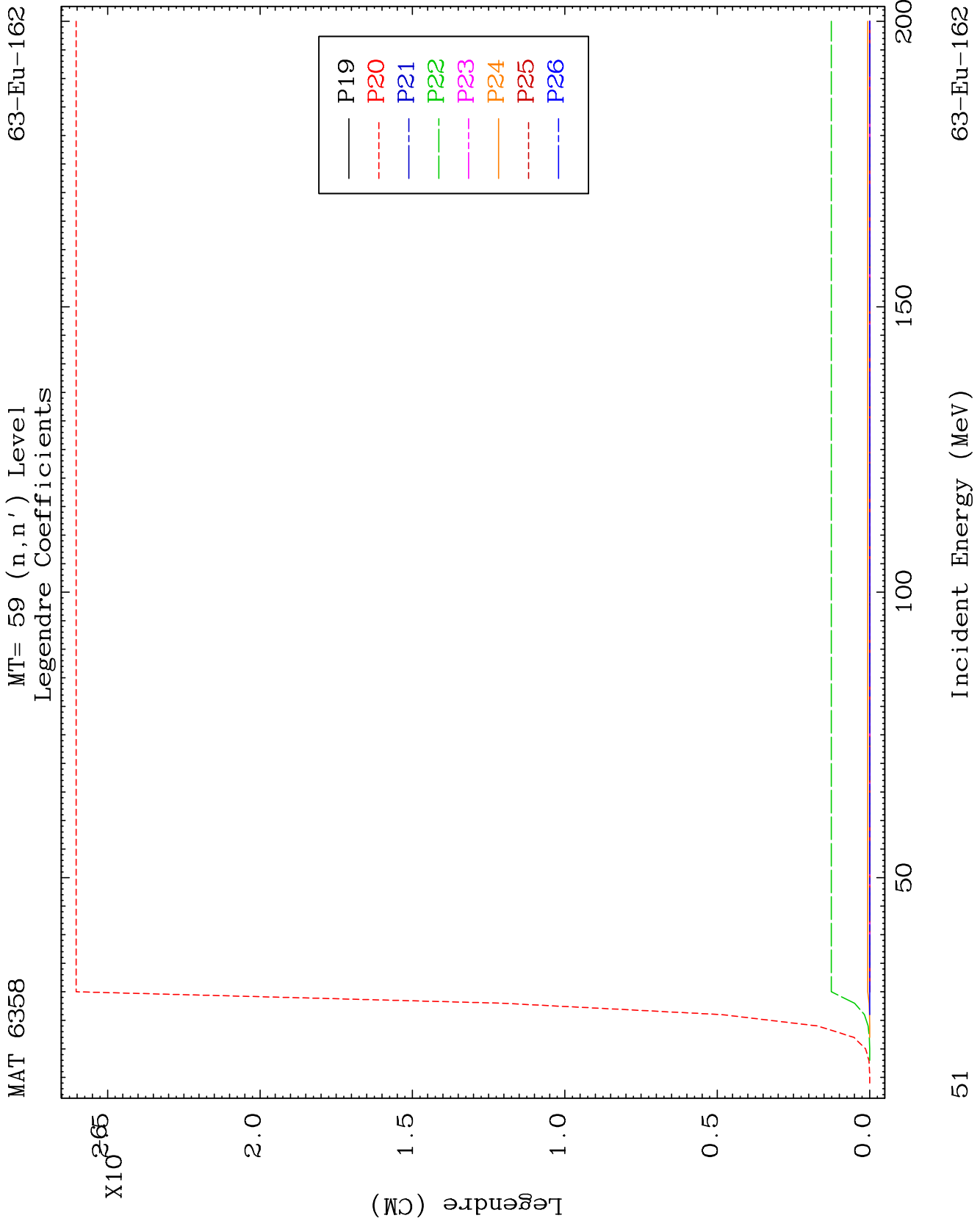


MAT 6358

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

63-Eu-162

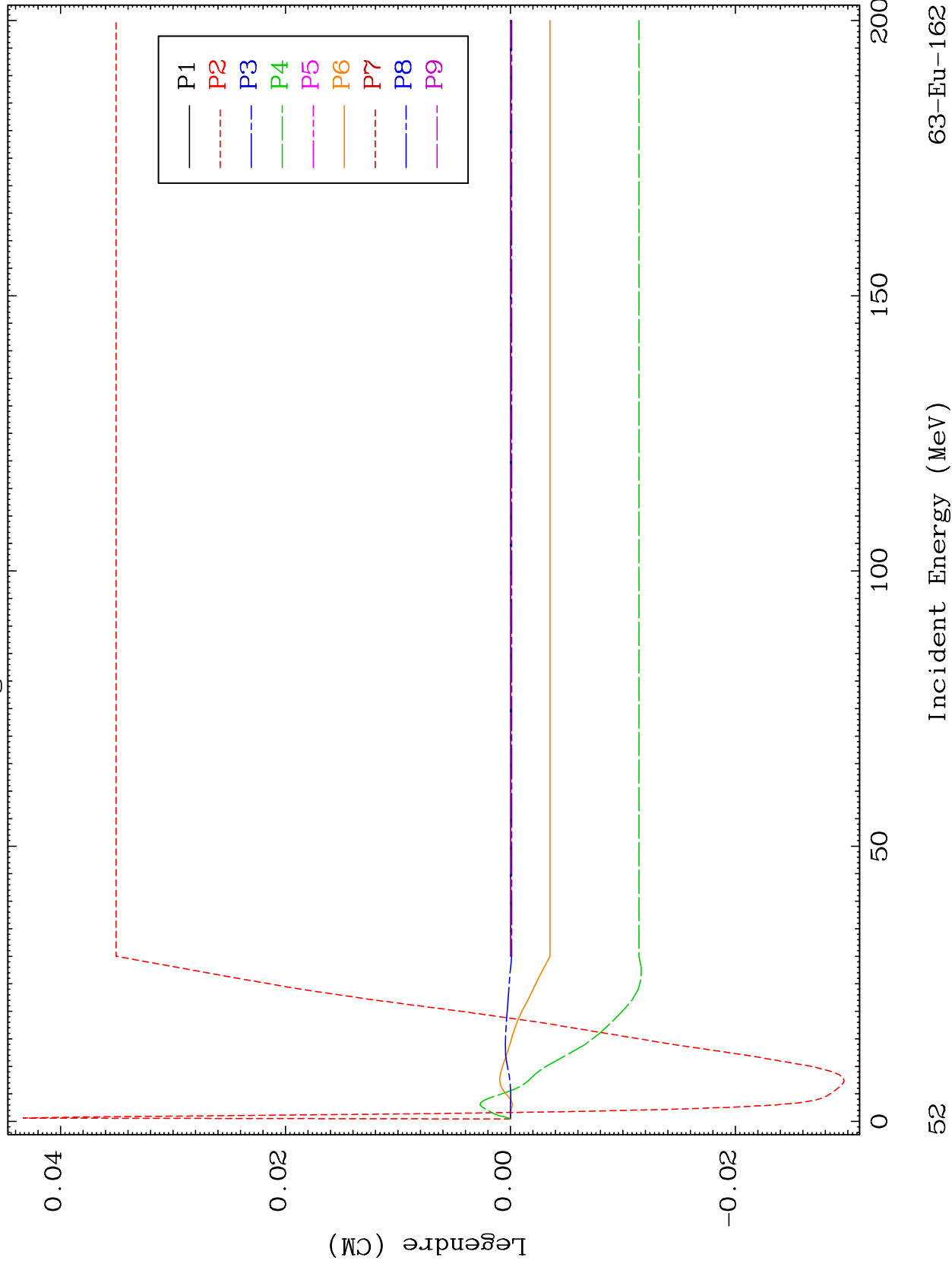




MAT 6358

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

63-Eu-162



52

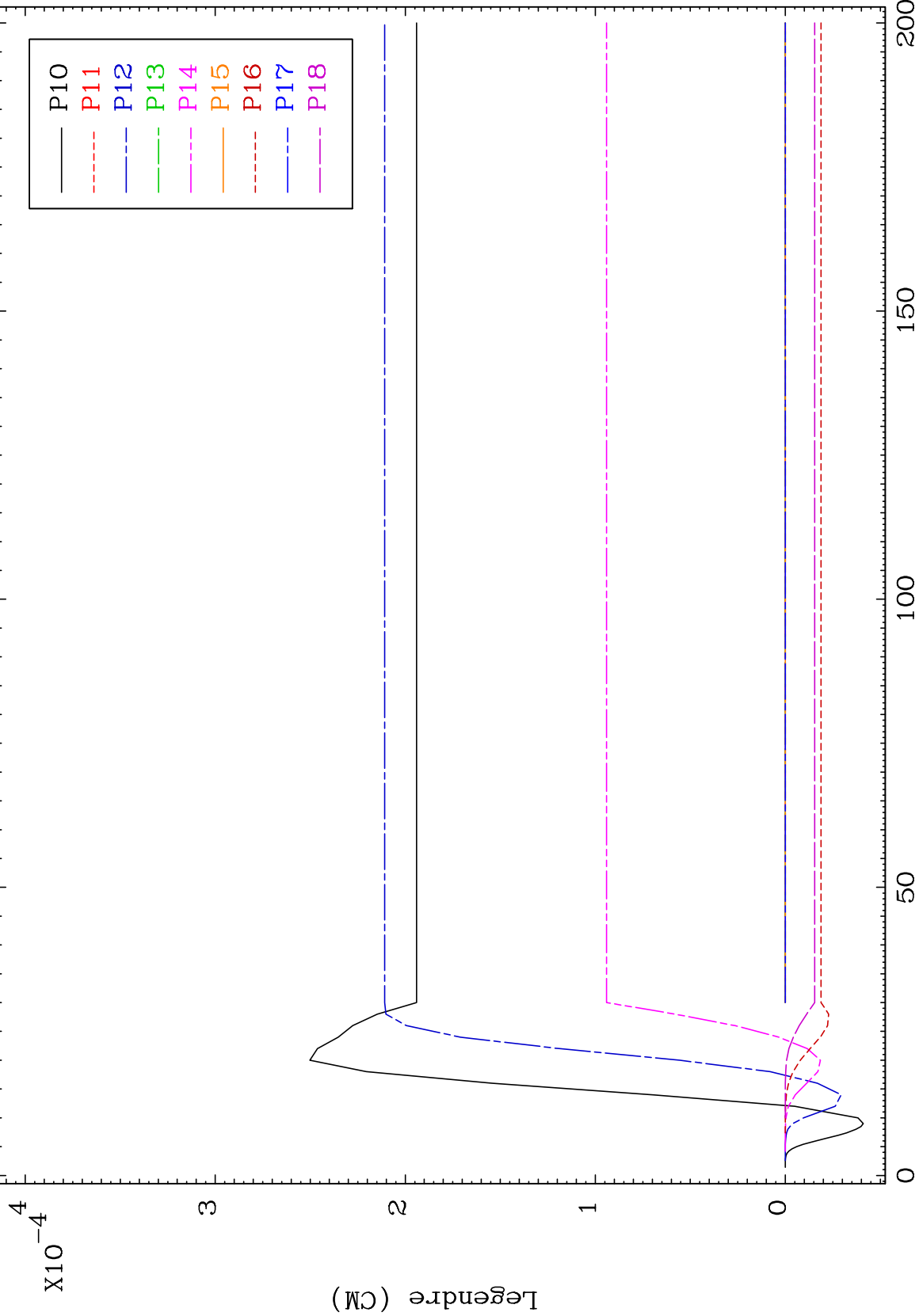
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

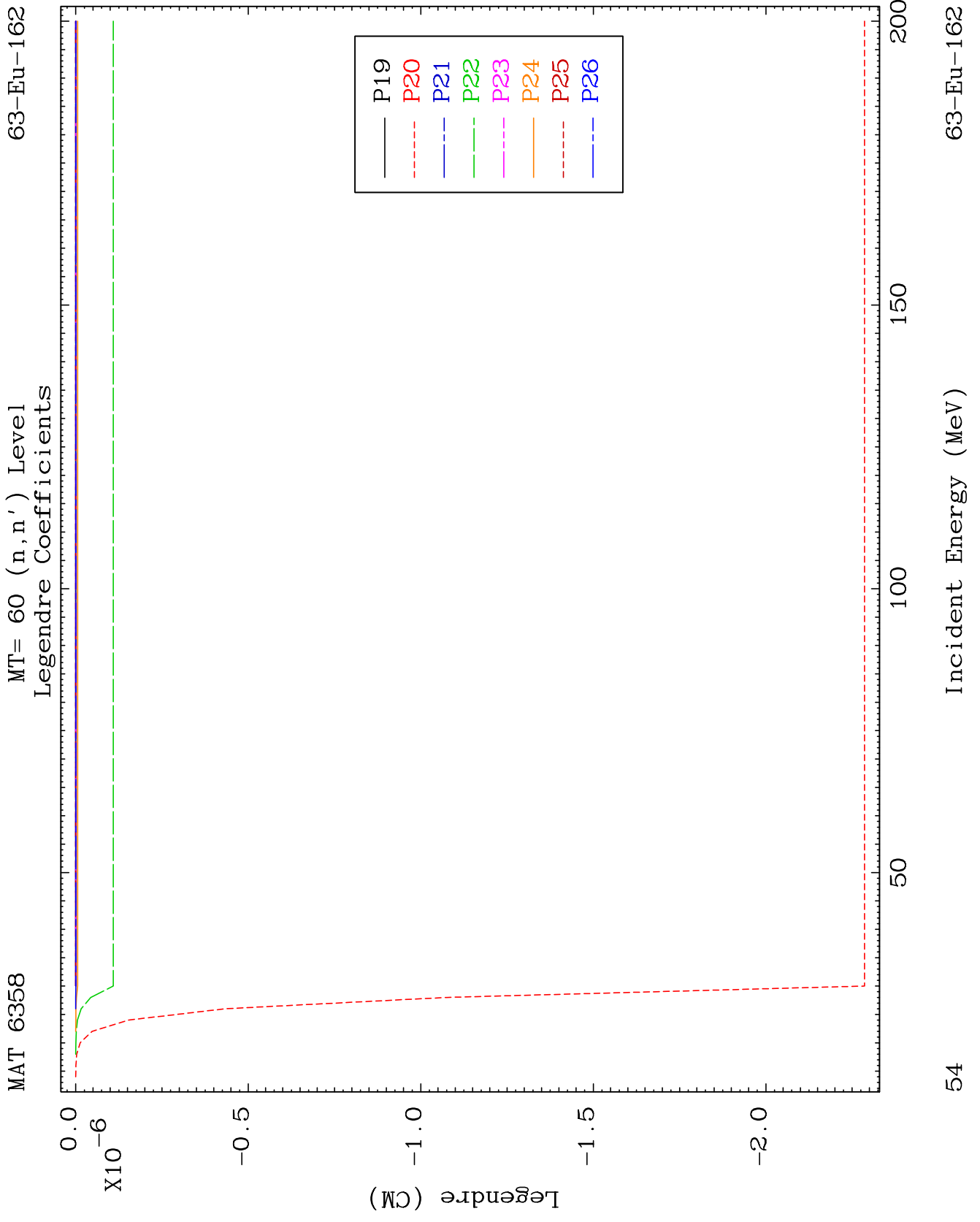
63-Eu-162

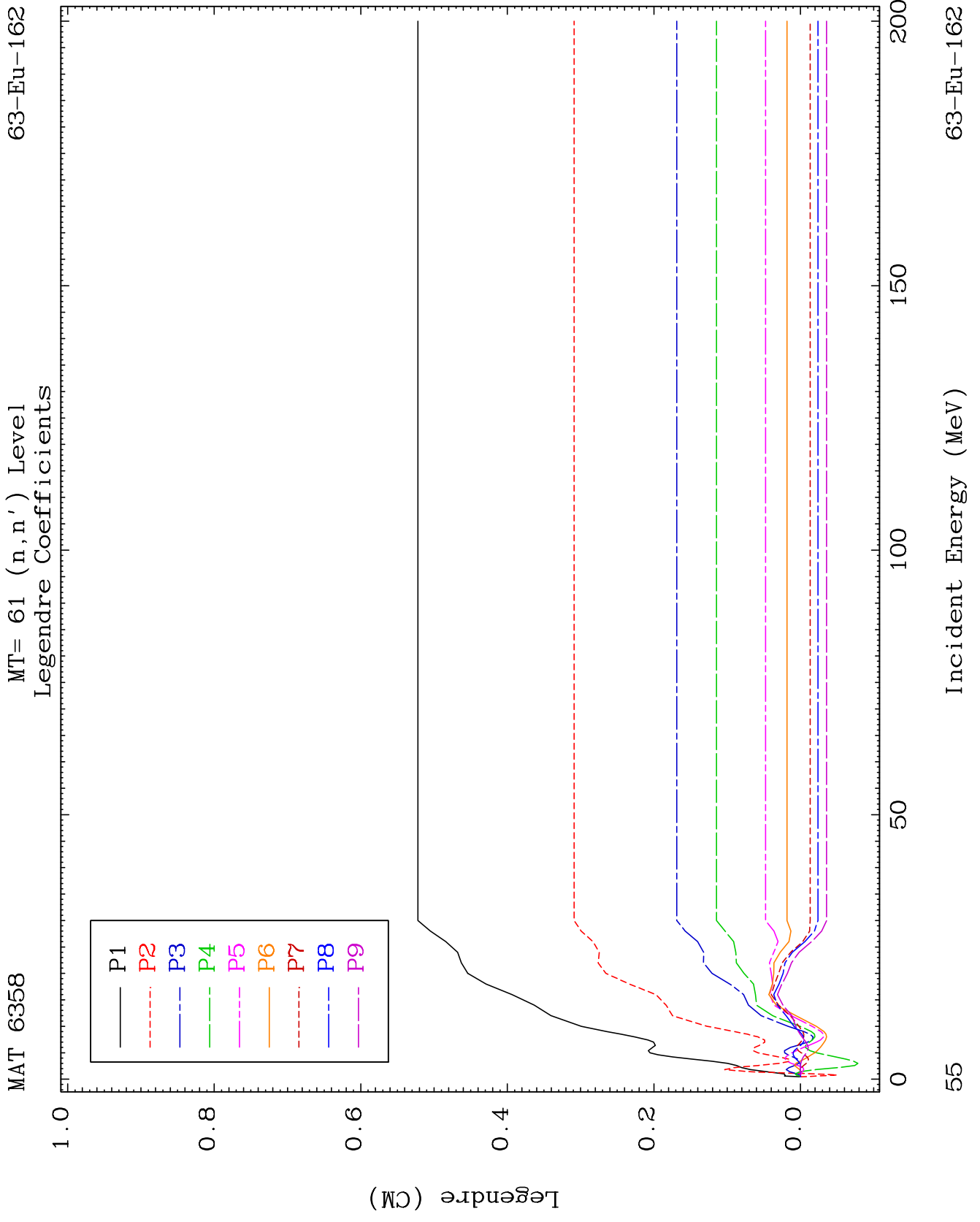


53

Incident Energy (MeV)

63-Eu-162

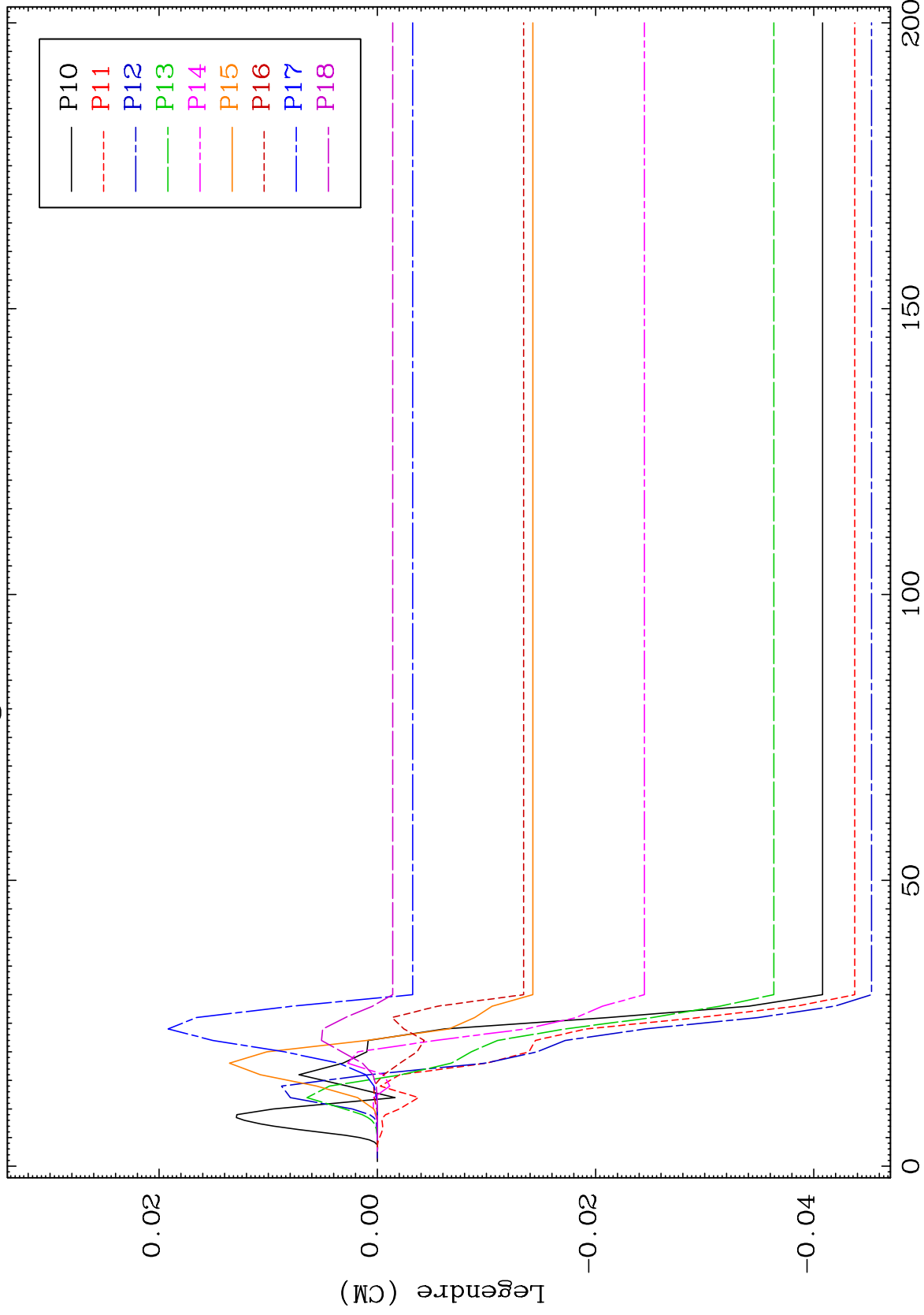




MAT 6358

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

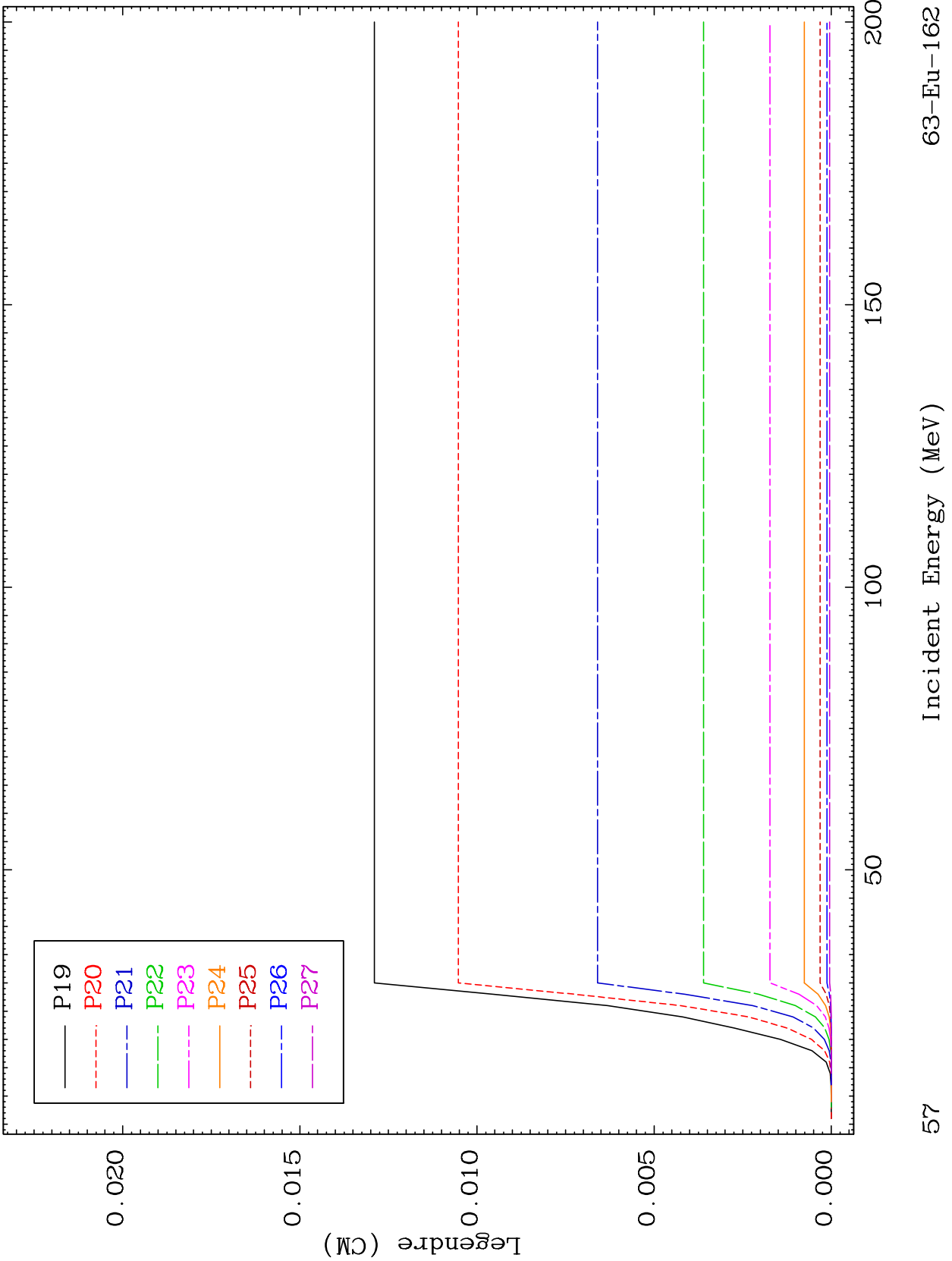
63-Eu-162



56

Incident Energy (MeV)

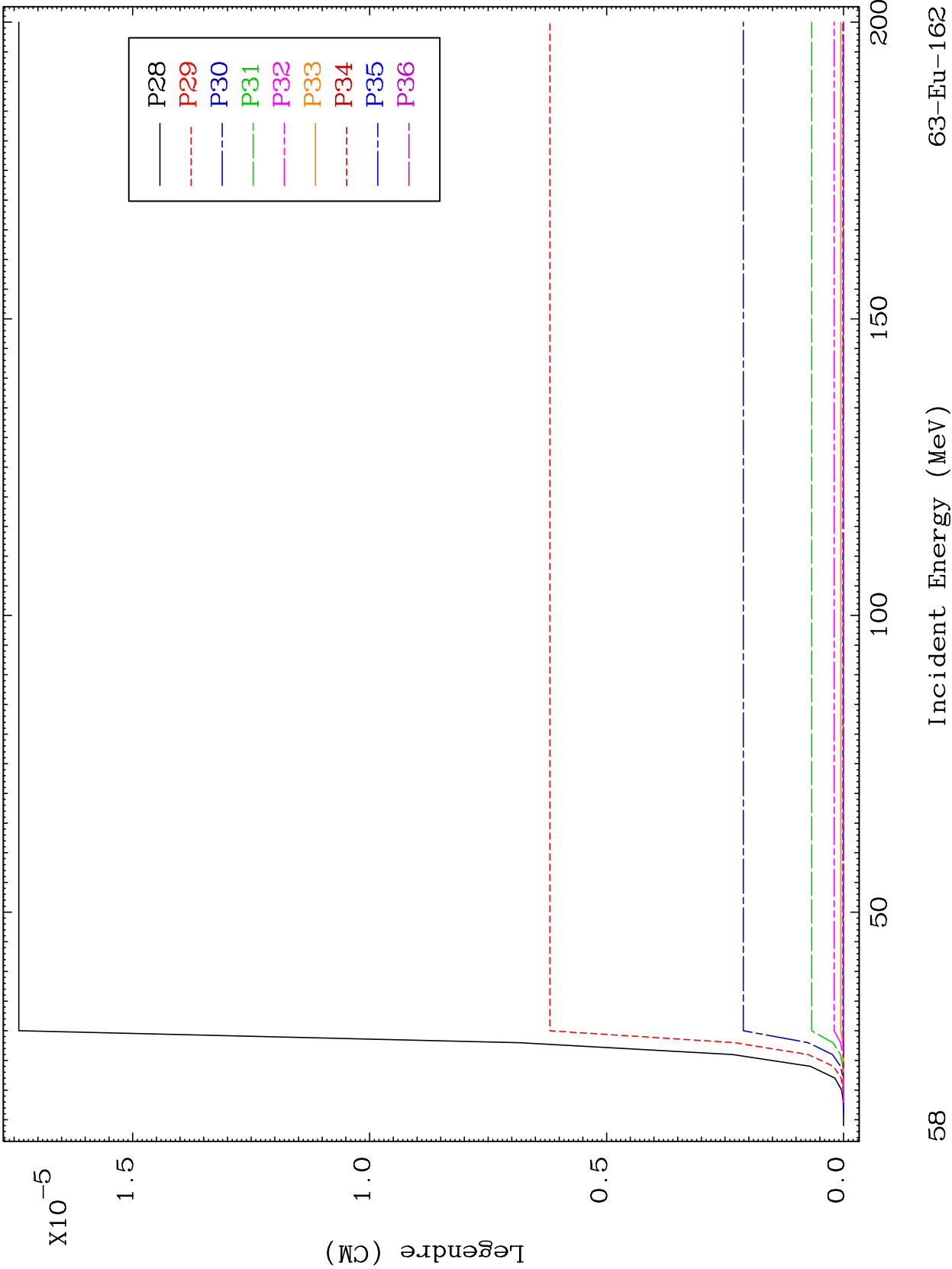
63-Eu-162



MAT 6358

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

63-Eu-162



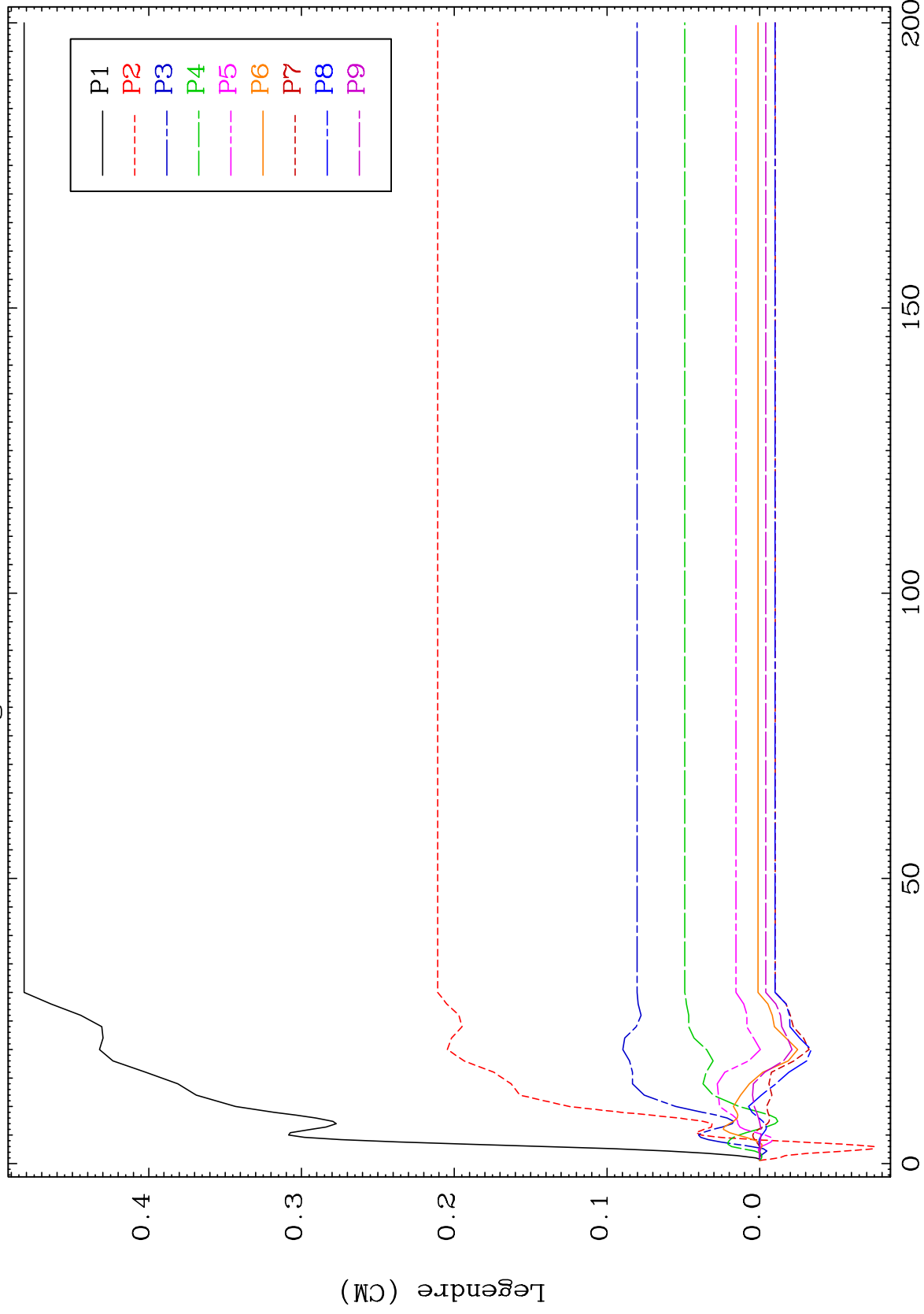
58

63-Eu-162

MAT 6358

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

63-Eu-162



59

Incident Energy (MeV)

63-Eu-162

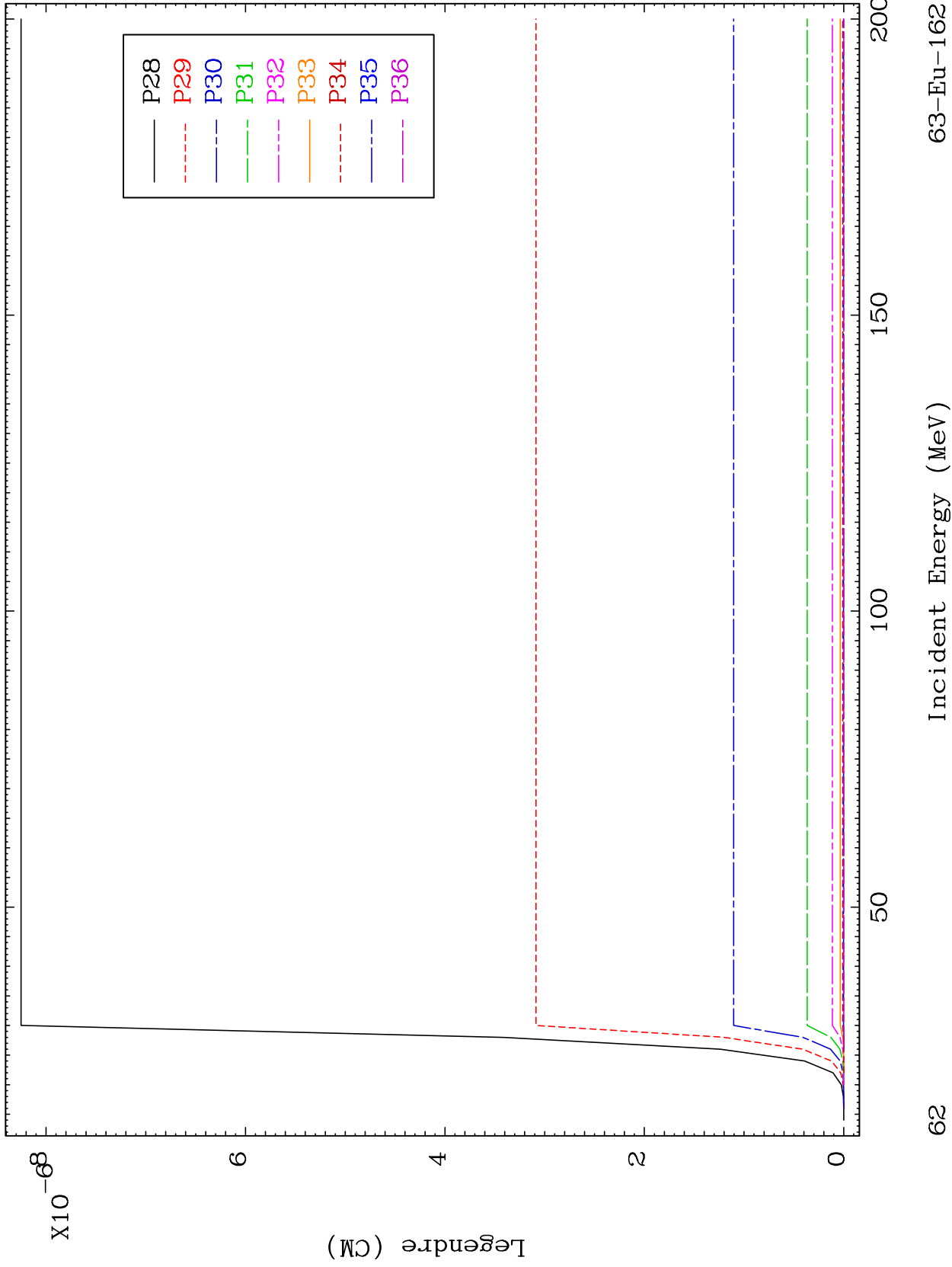




MAT 6358

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

63-Eu-162



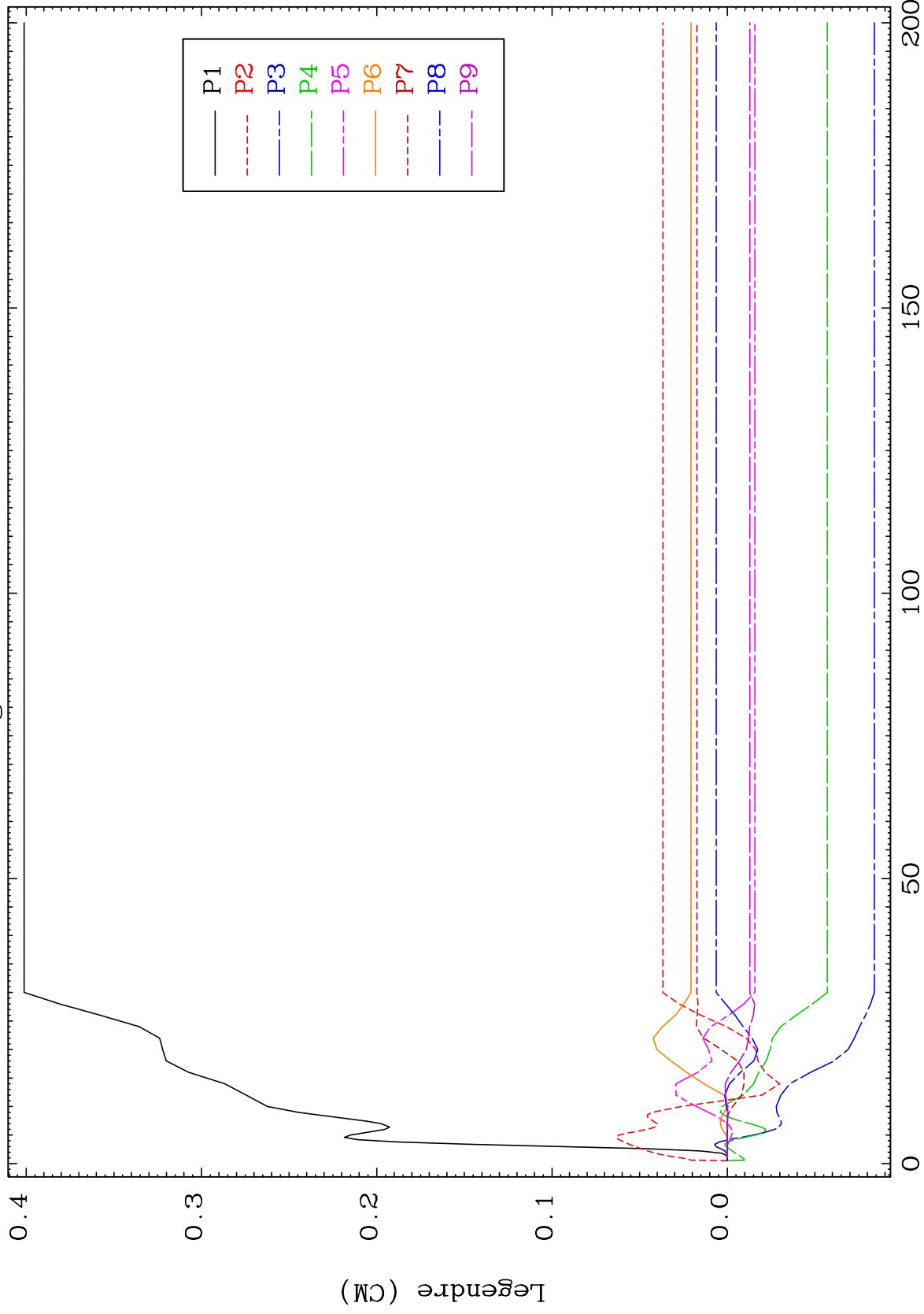
62

63-Eu-162

MAT 6358

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

63-Eu-162



63

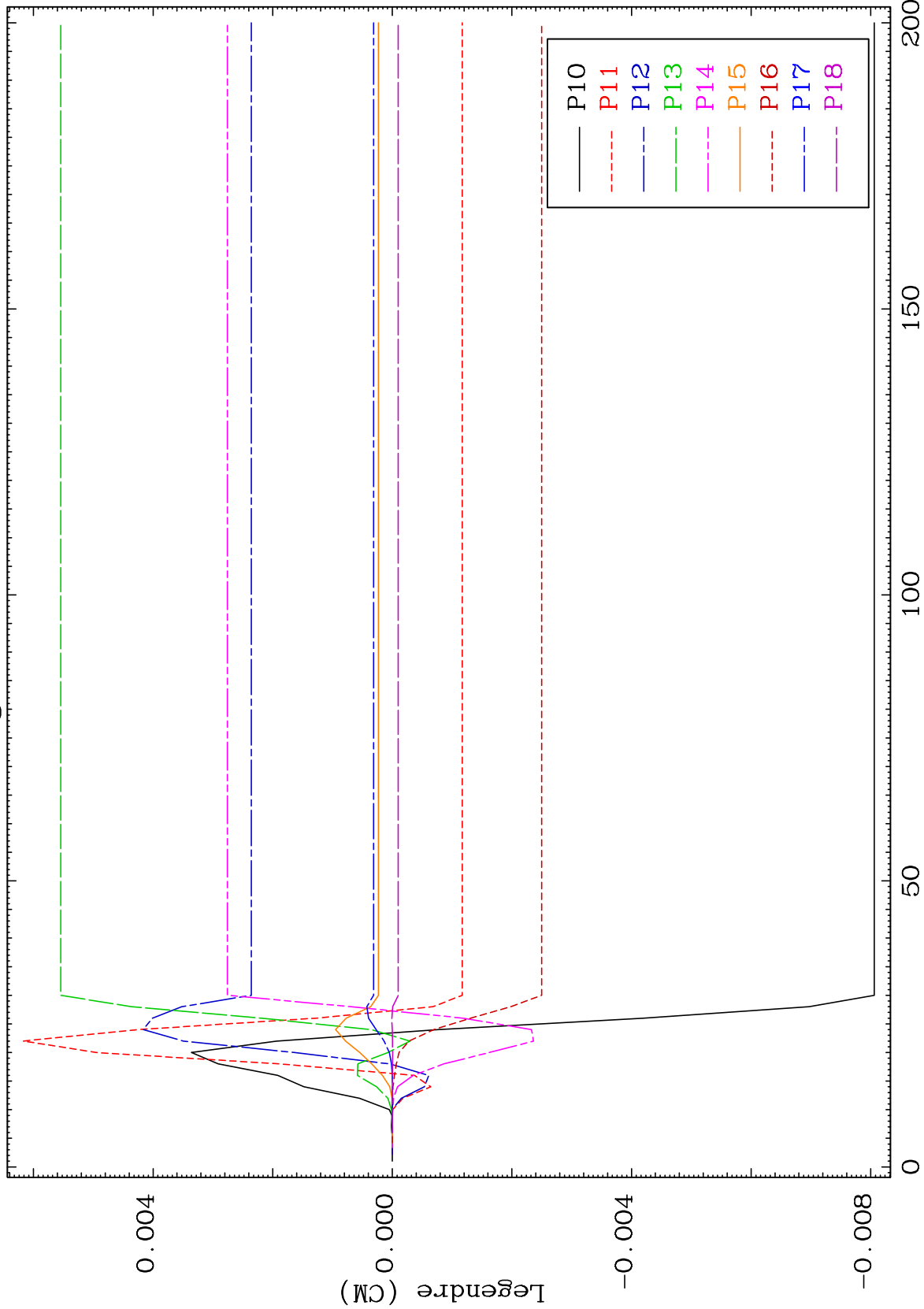
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



64

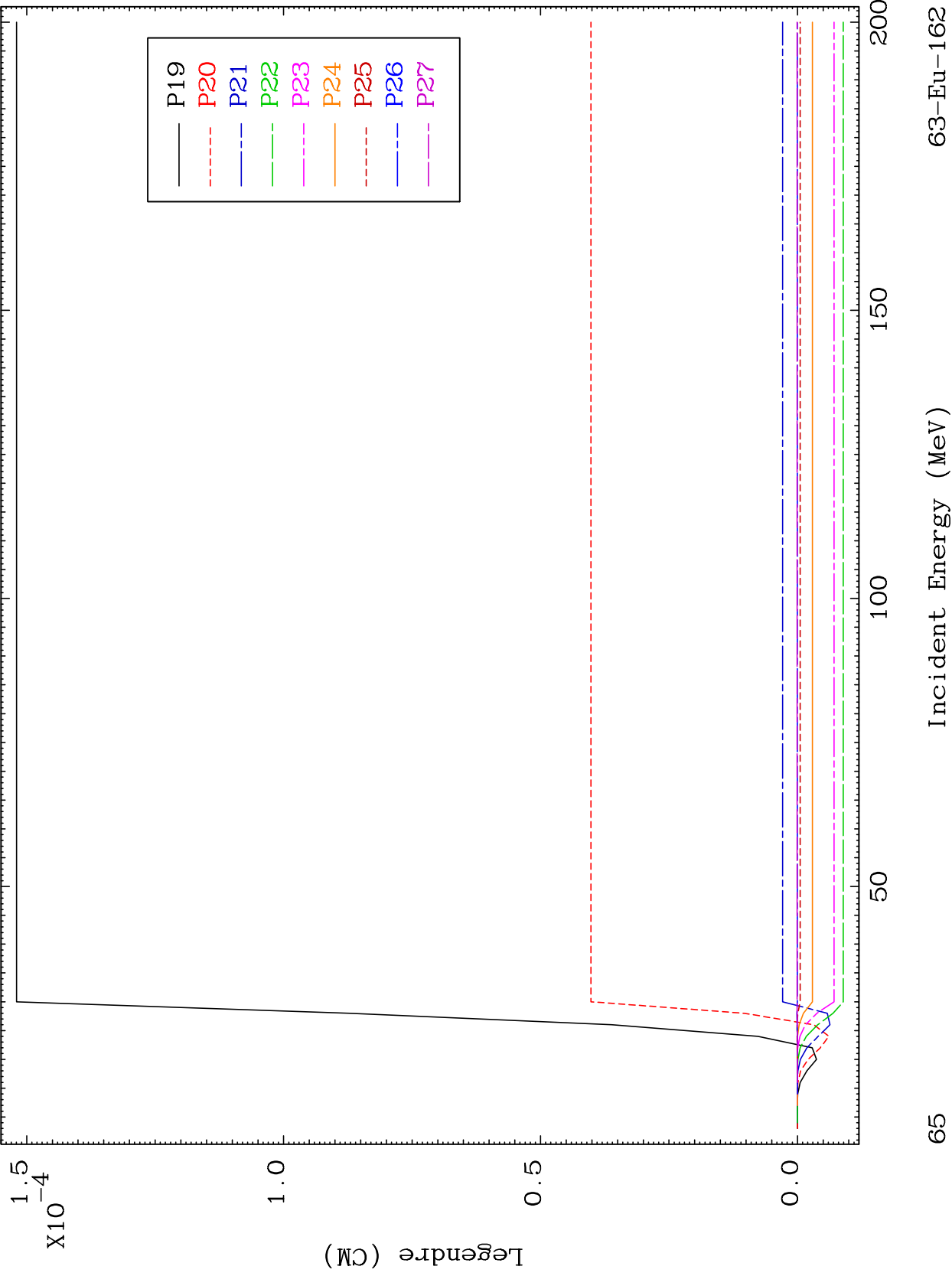
Incident Energy (MeV)

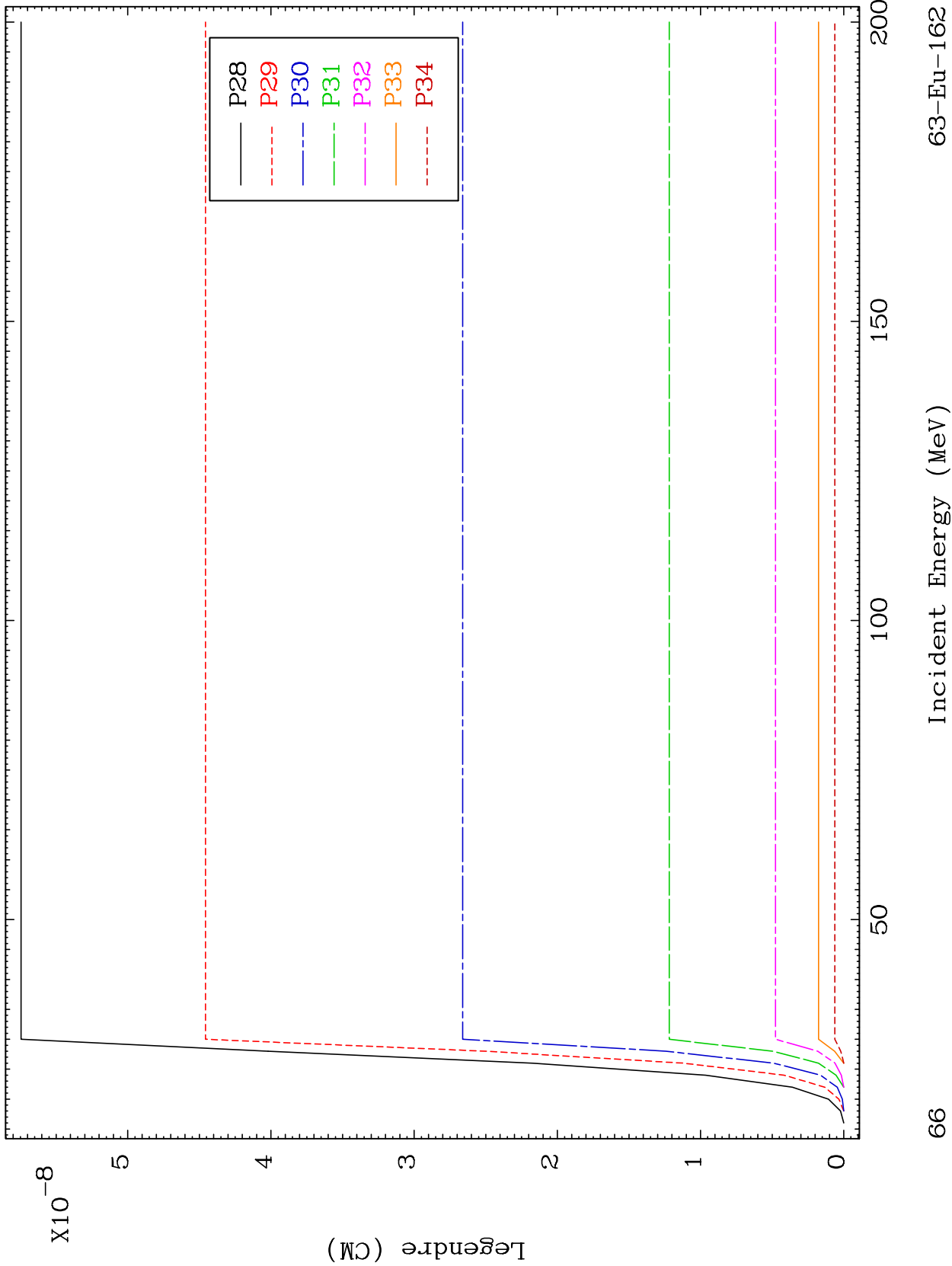
63-Eu-162

MAT 6358

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

63-Eu-162

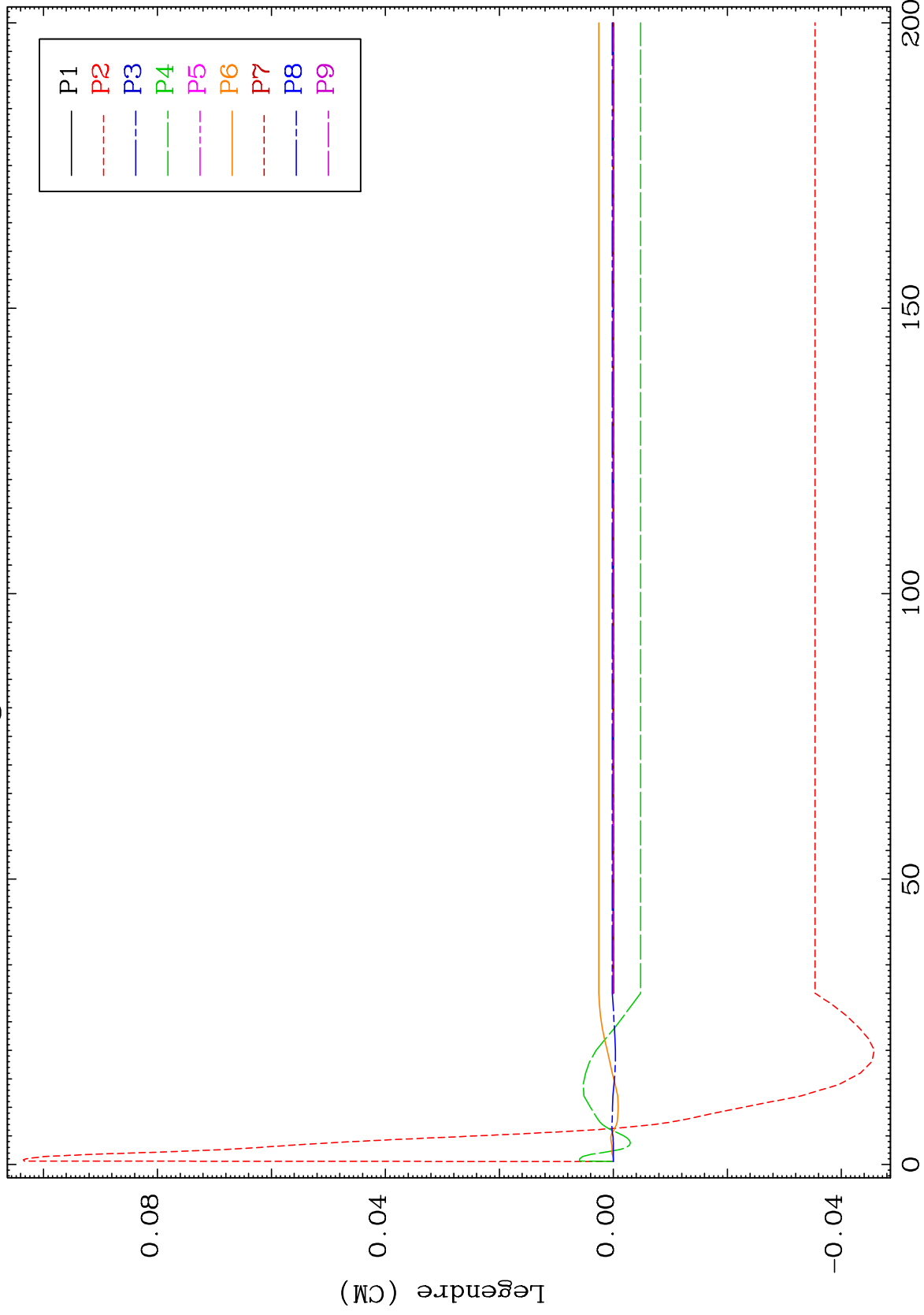




MAT 6358

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

63-Eu-162



67

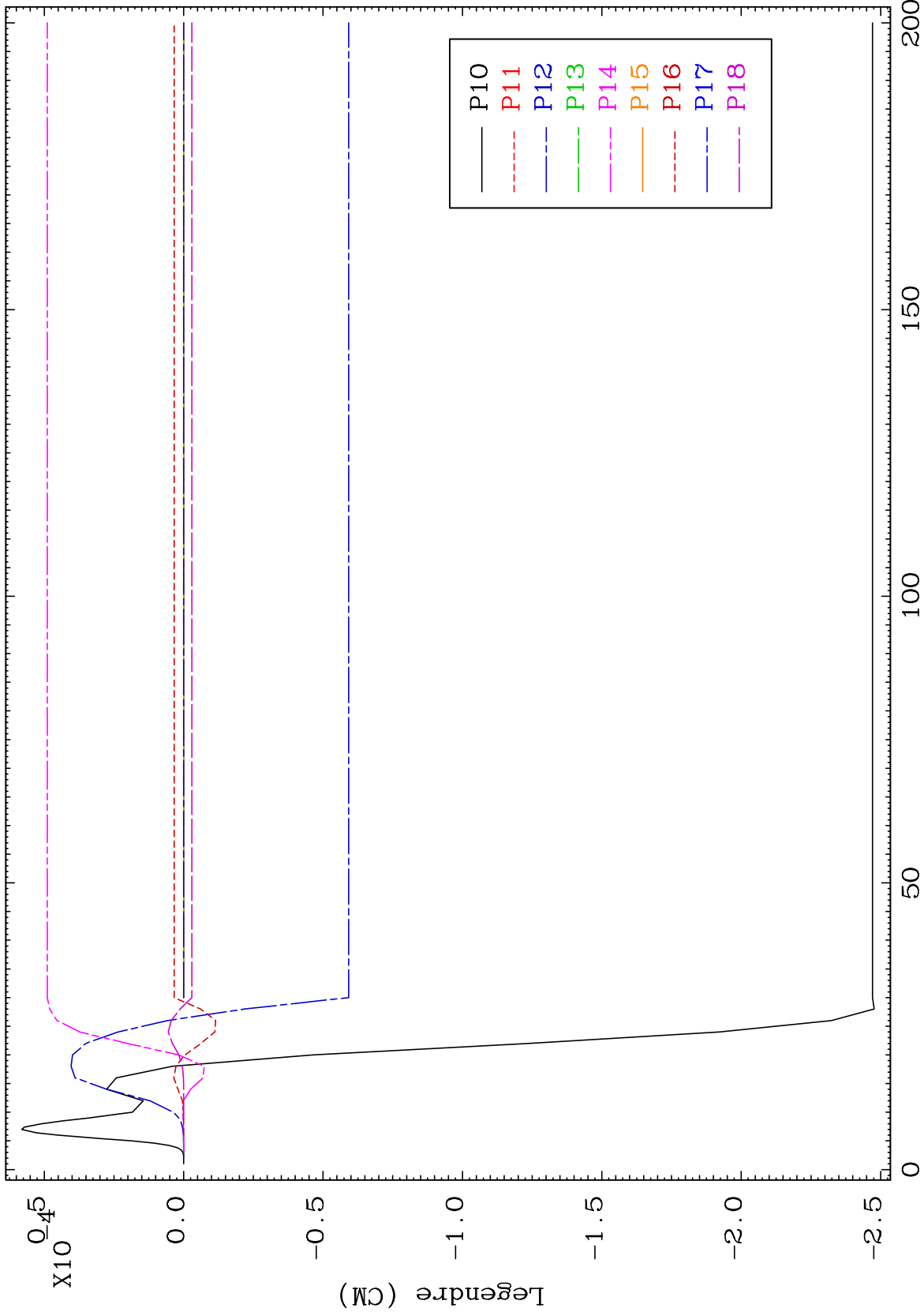
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

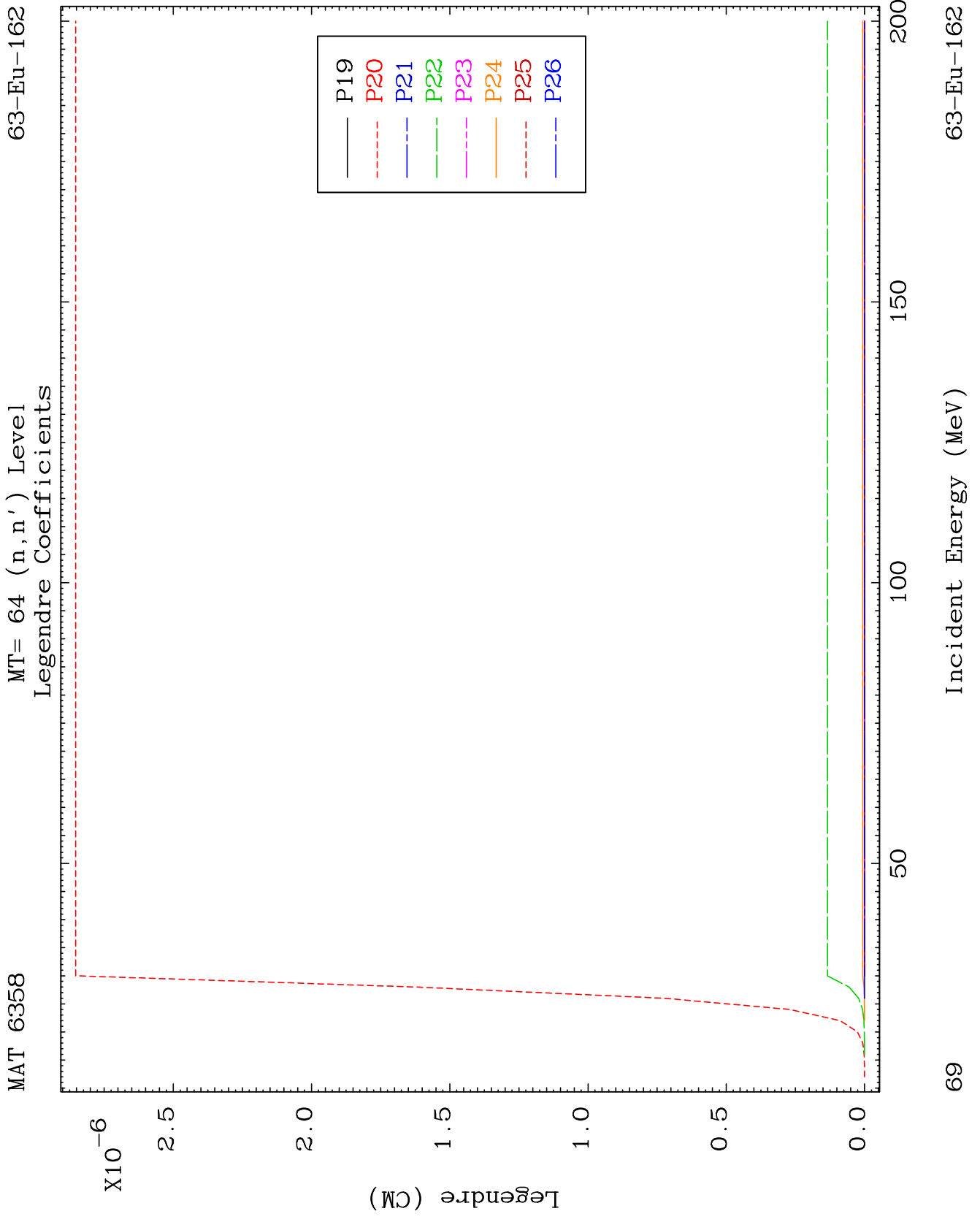
63-Eu-162



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Incident Energy (MeV)

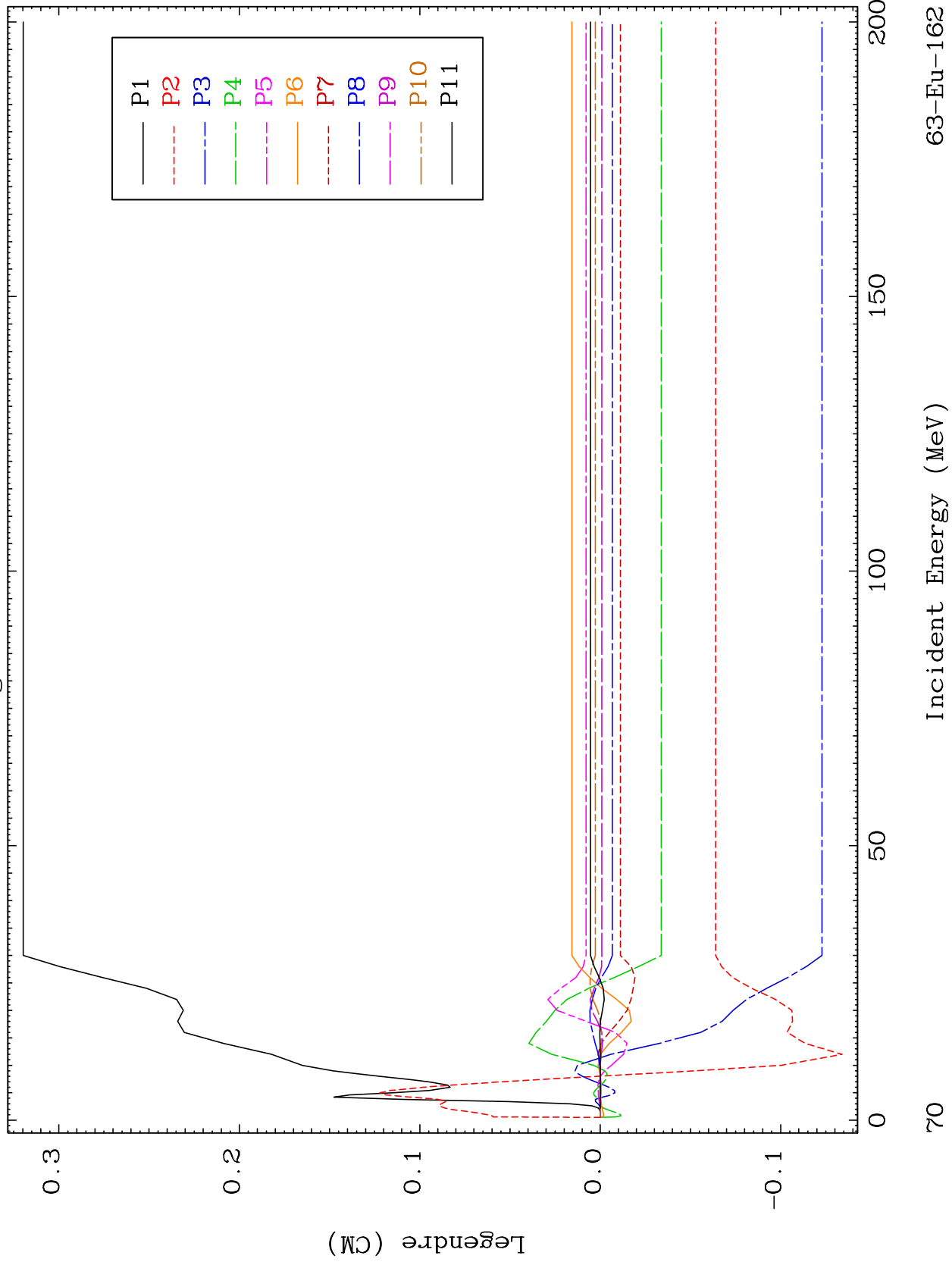
63-Eu-162



MAT 6358

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

63-Eu-162



63-Eu-162

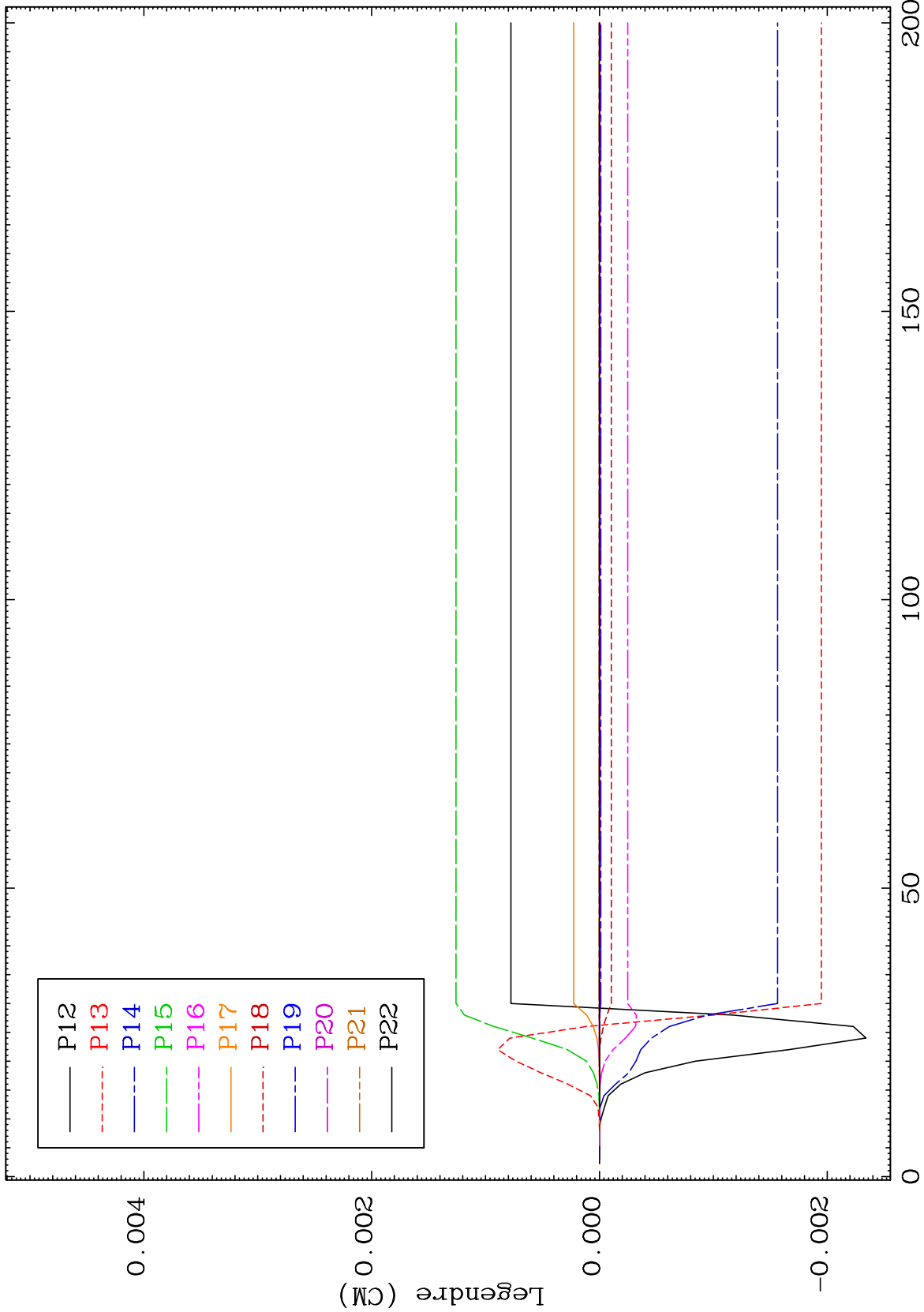
Incident Energy (MeV)

70

MAT 6358

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

63-Eu-162



71

Incident Energy (MeV)

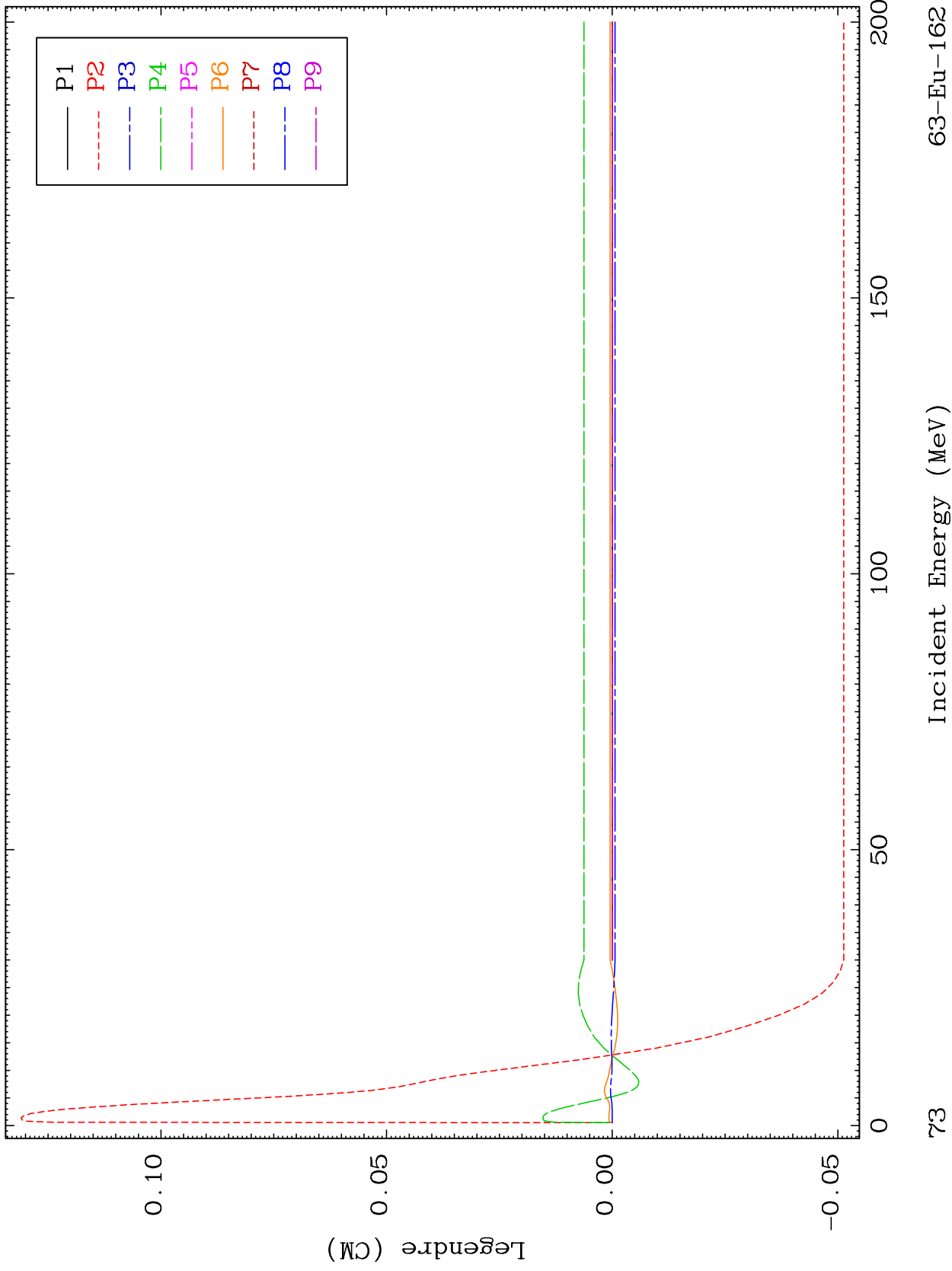
63-Eu-162



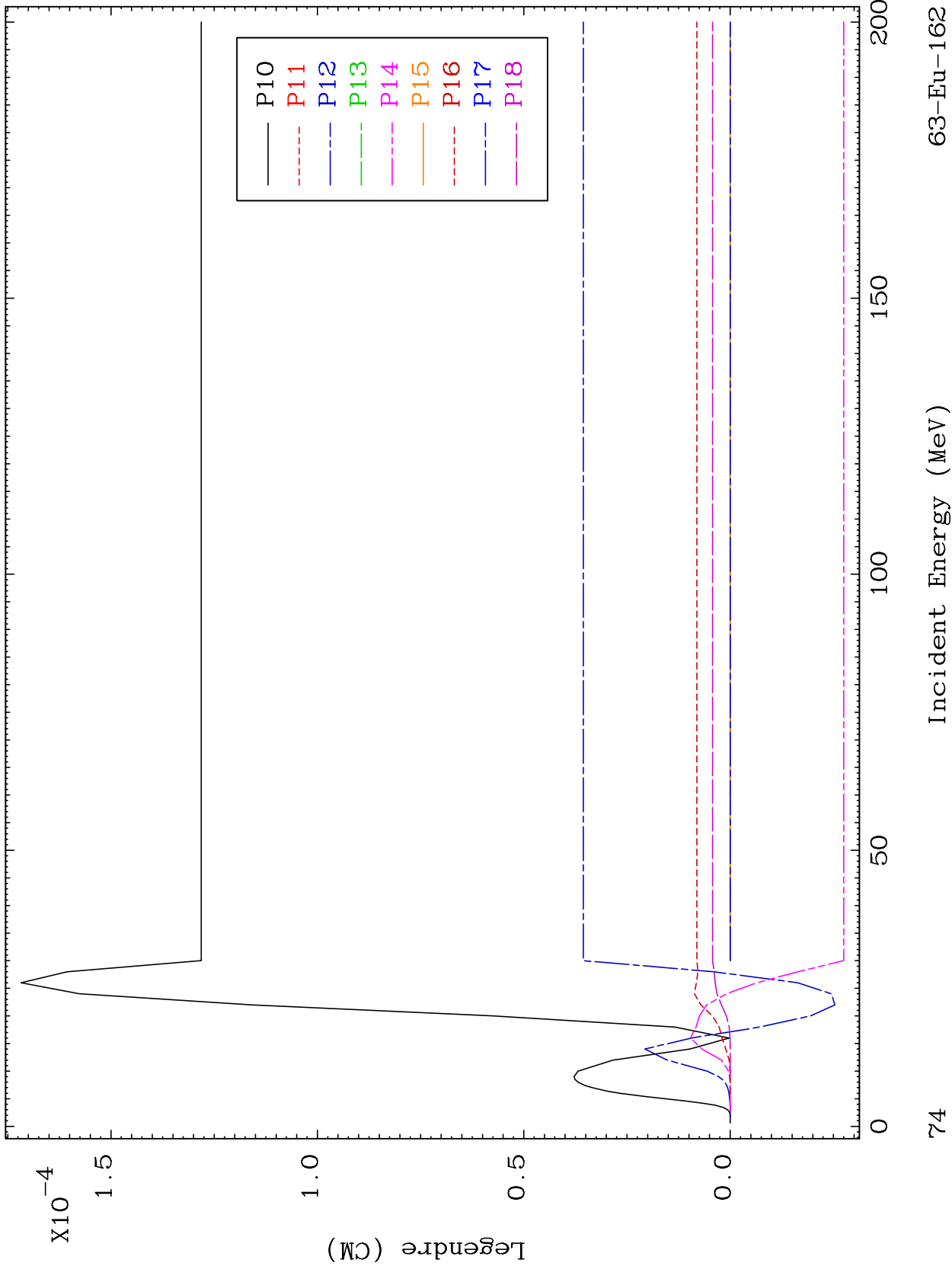
MAT 6358

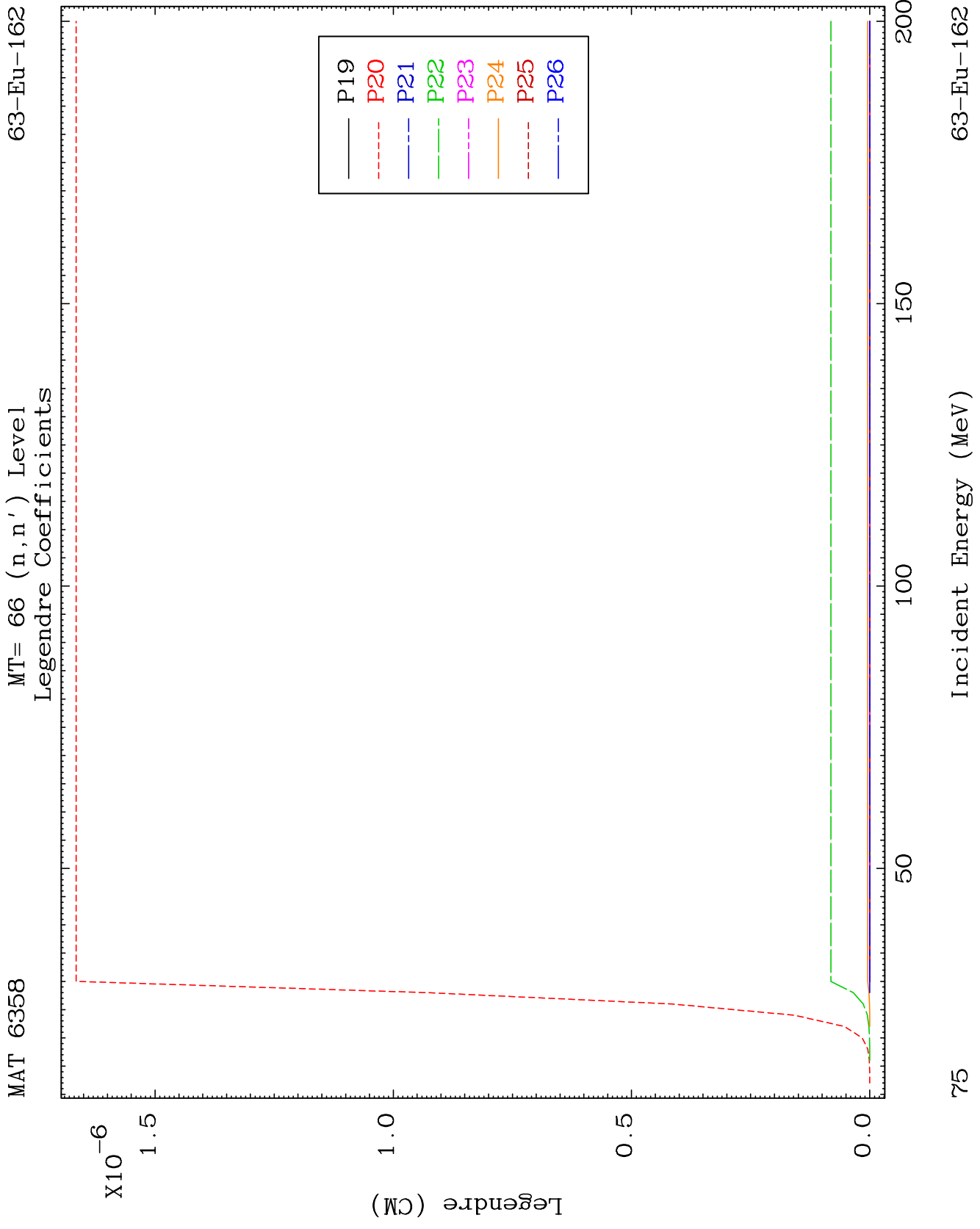
MT= 66 (n,n') Level  
Legendre Coefficients

63-Eu-162



73





63-Eu-162

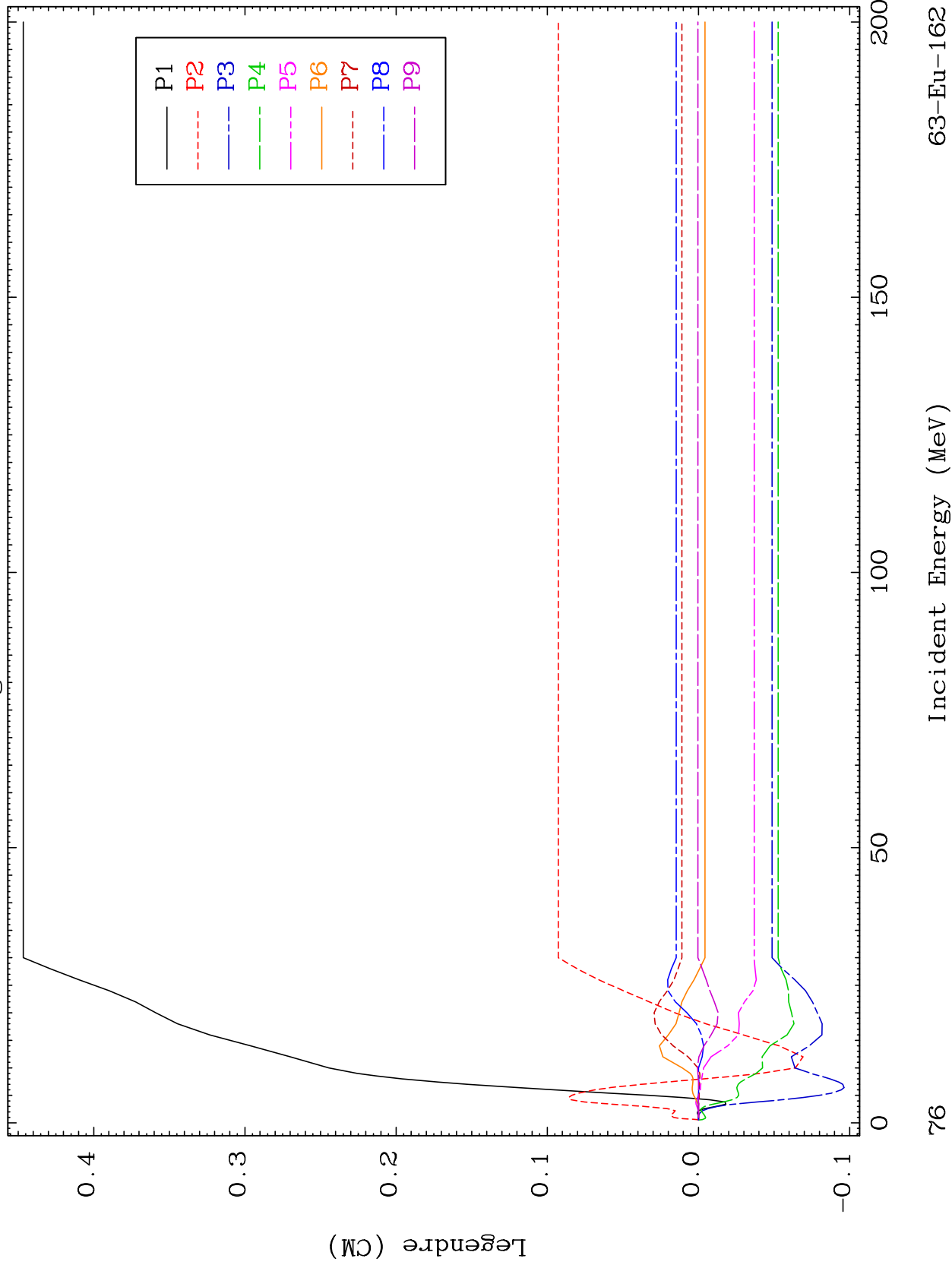
63-Eu-162

75

MAT 6358

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

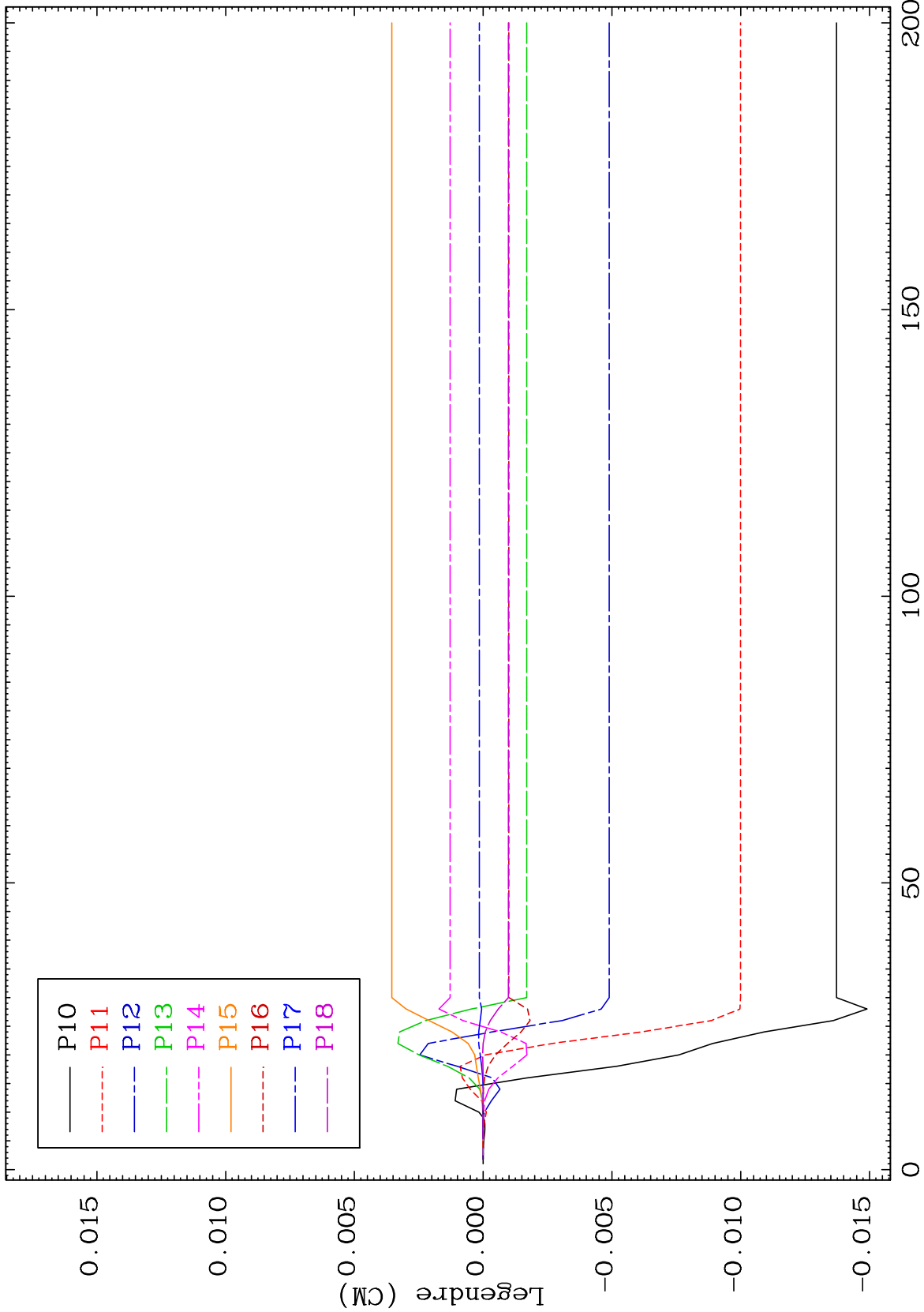
63-Eu-162



63-Eu-162

Incident Energy (MeV)

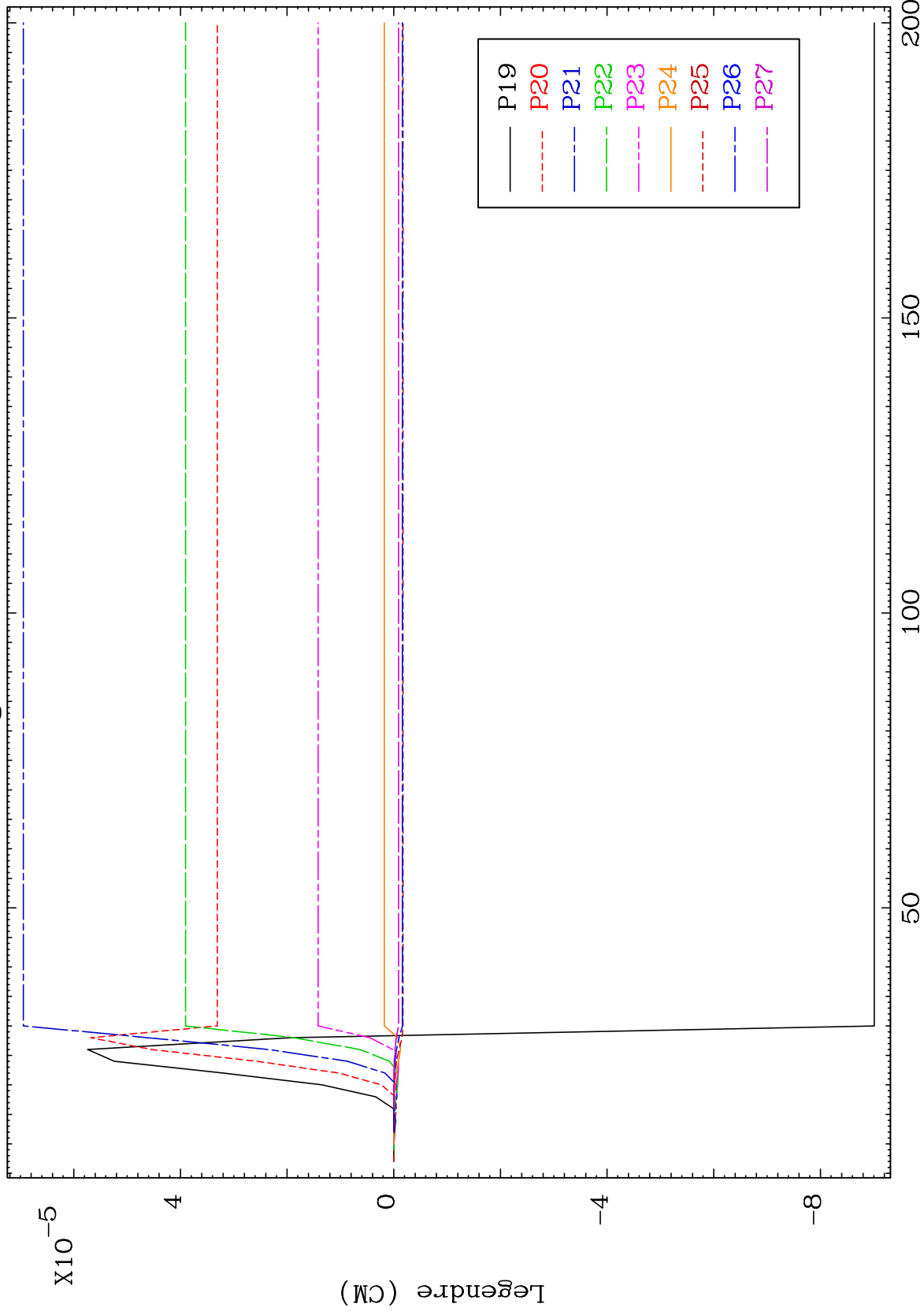
76



MAT 6358

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

63-Eu-162



78

Incident Energy (MeV)

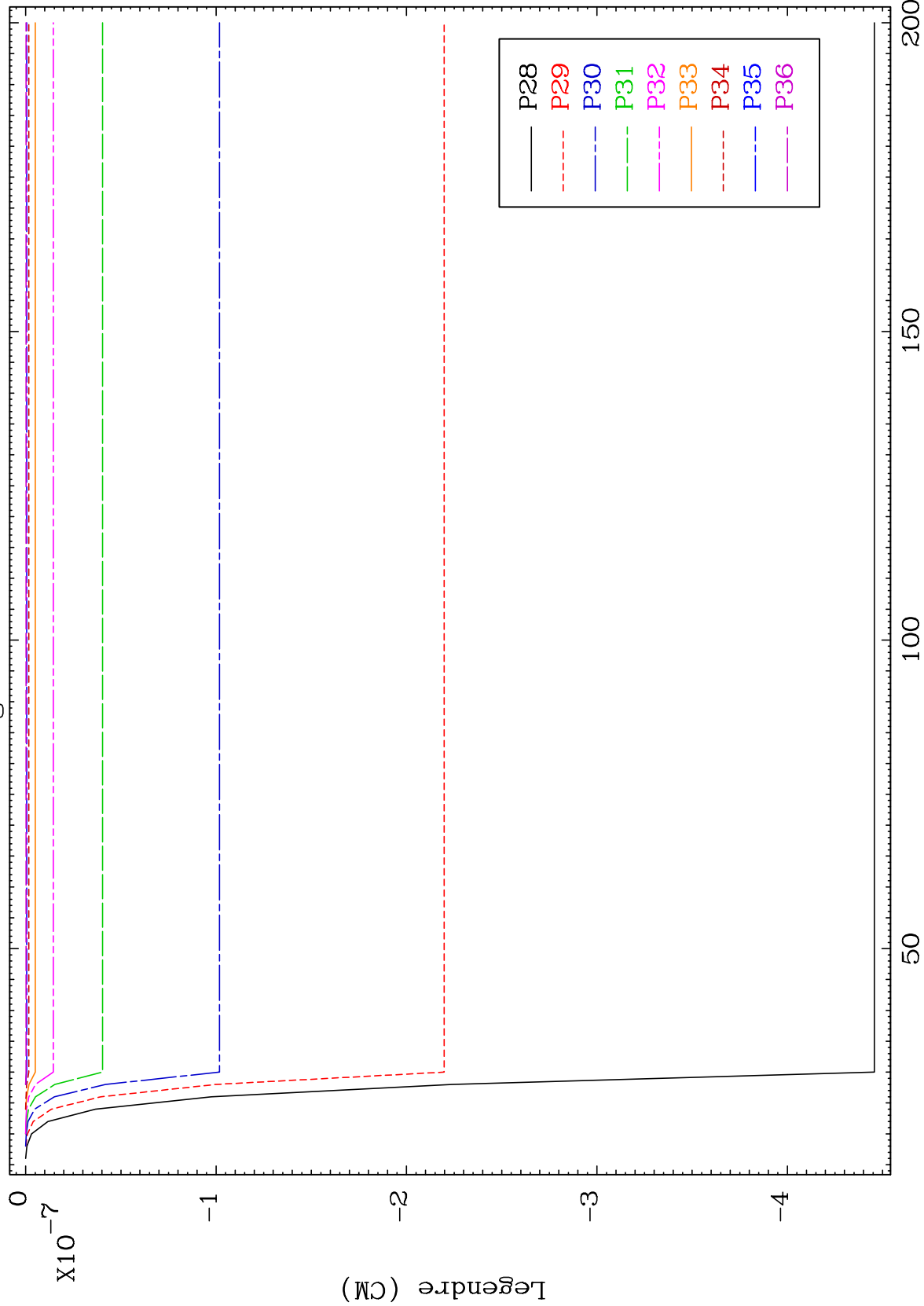
63-Eu-162

MAT 6358

MT= 67 (n,n') Level

63-Eu-162

Legendre Coefficients



79

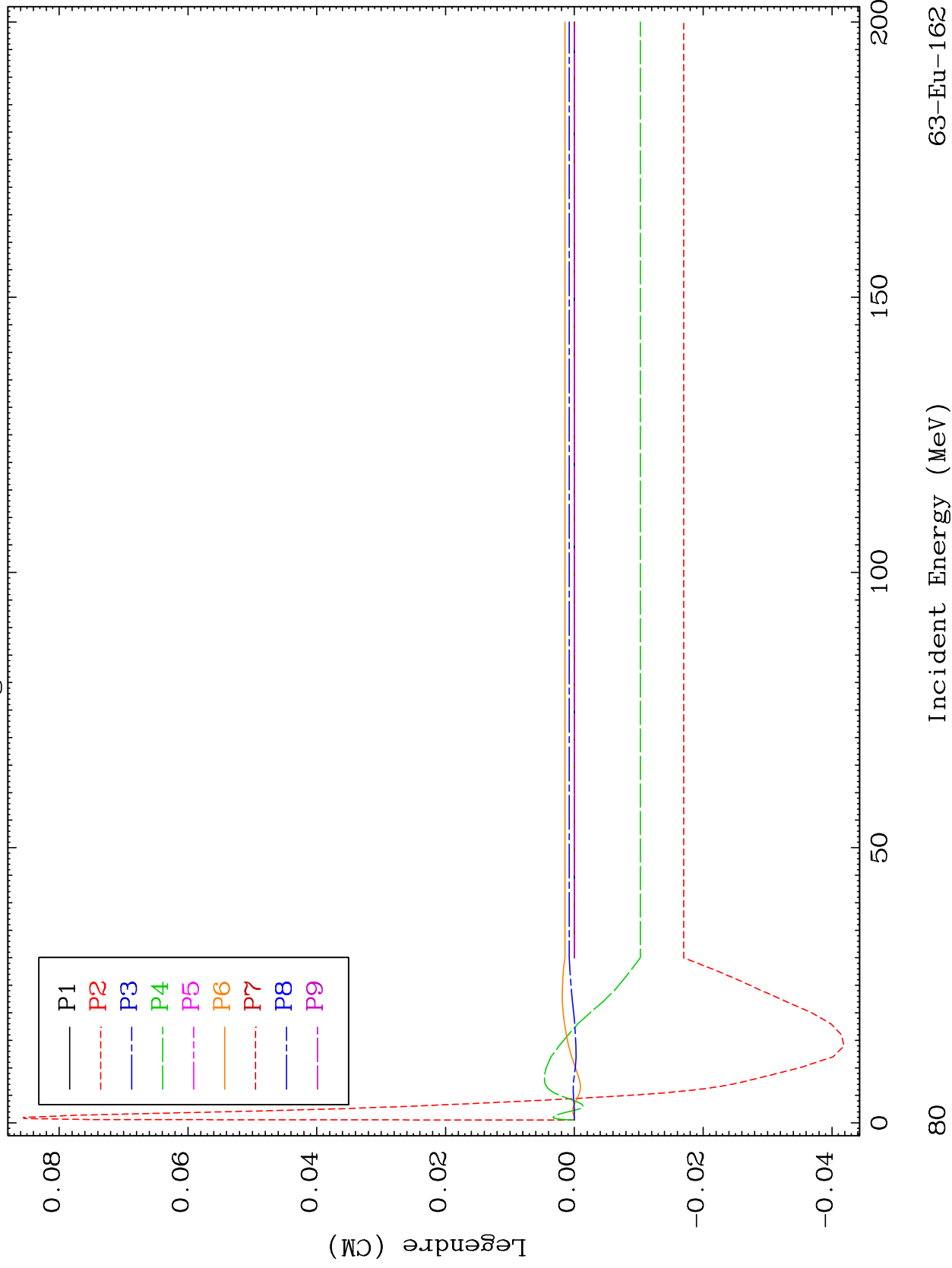
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



63-Eu-162

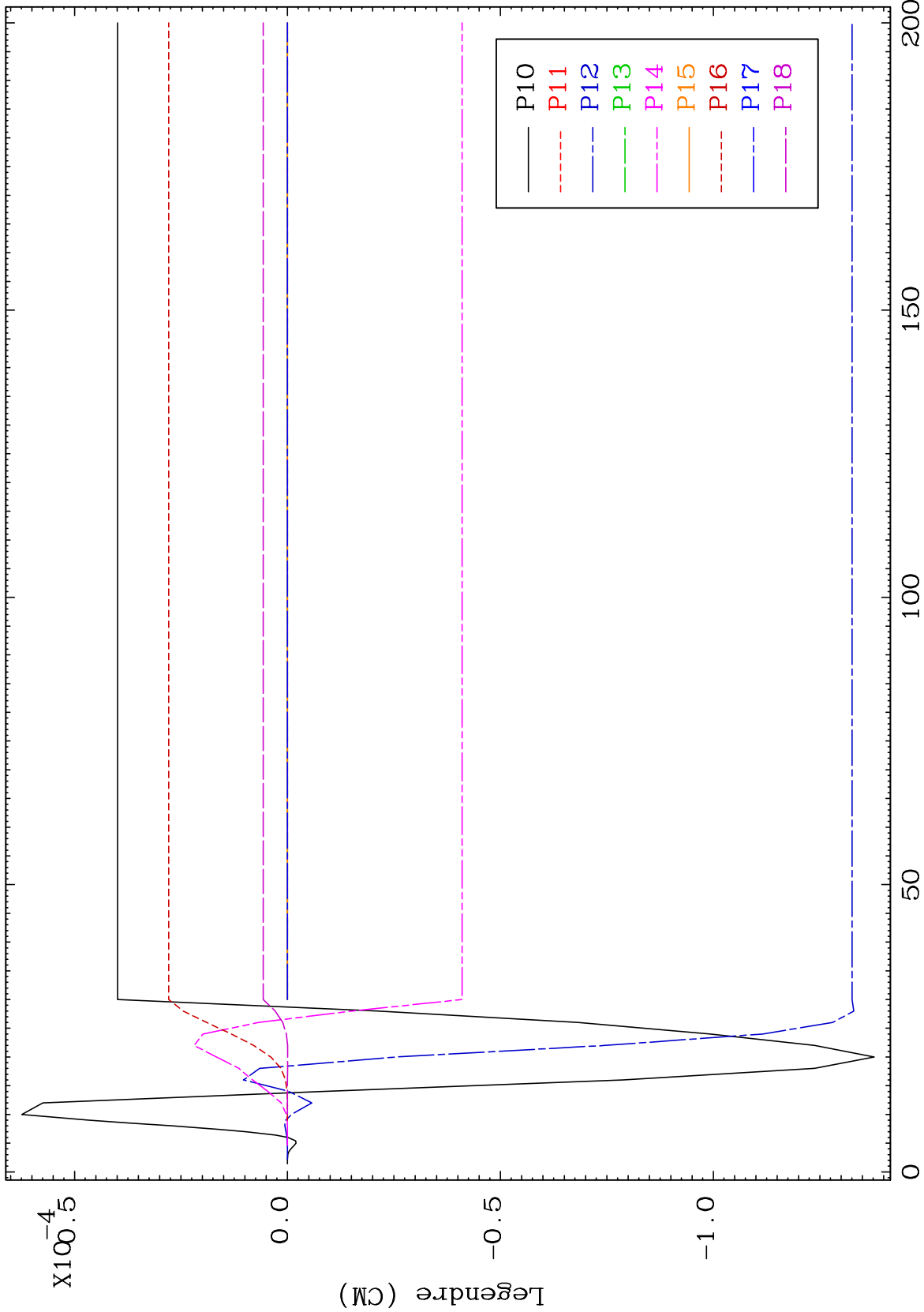
Incident Energy (MeV)

80

MAT 6358

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

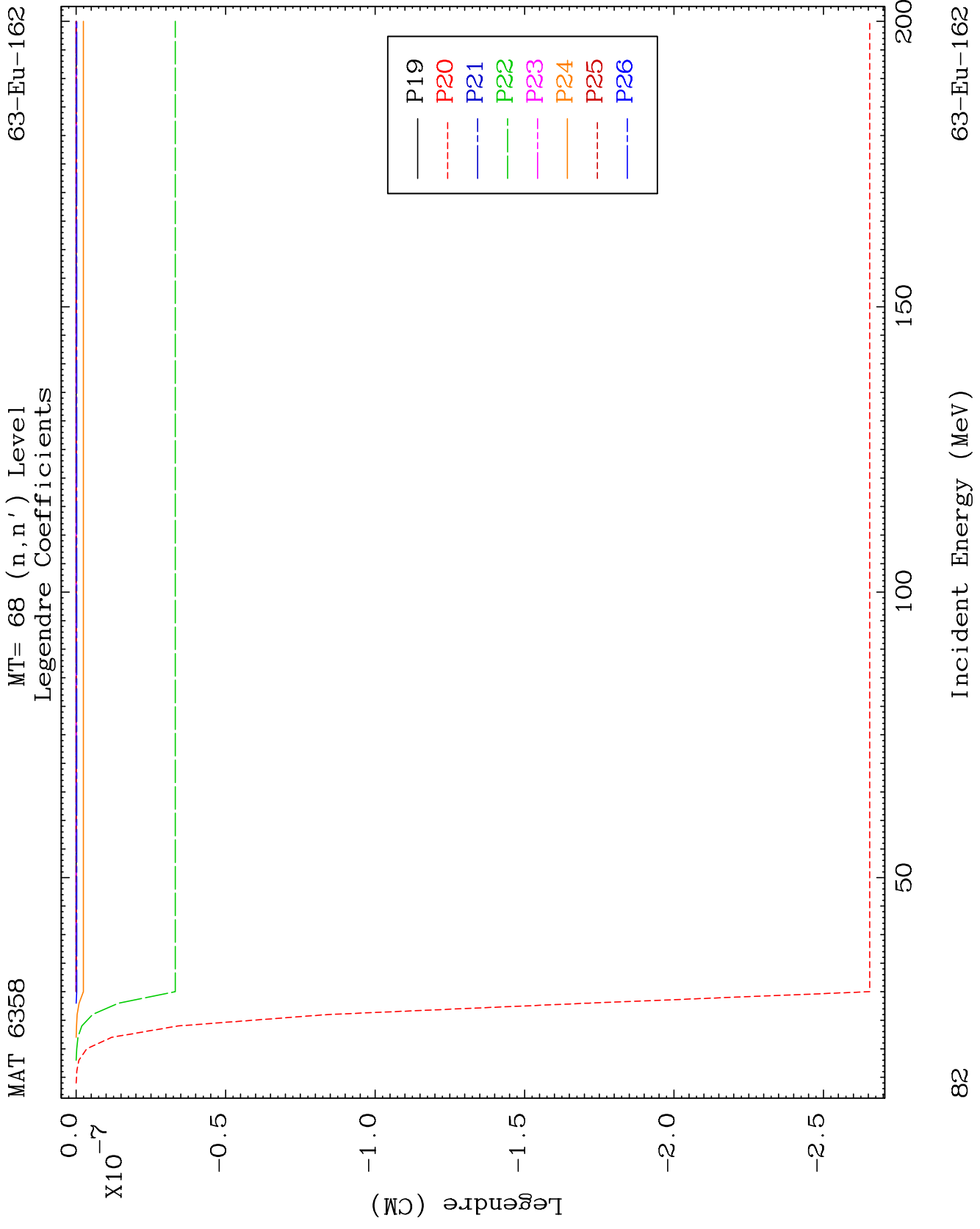
63-Eu-162



81

Incident Energy (MeV)

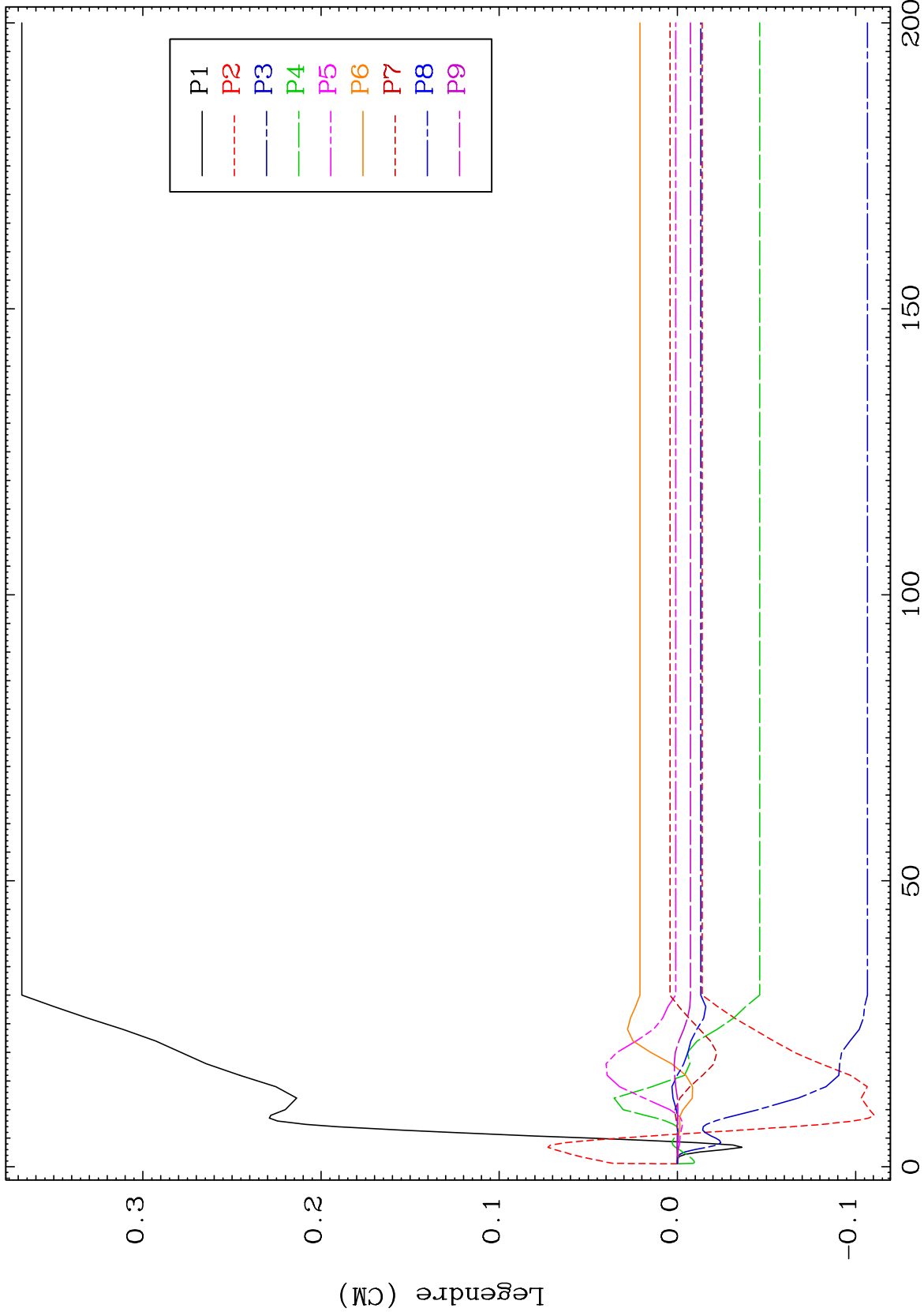
63-Eu-162



MAT 6358

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

63-Eu-162



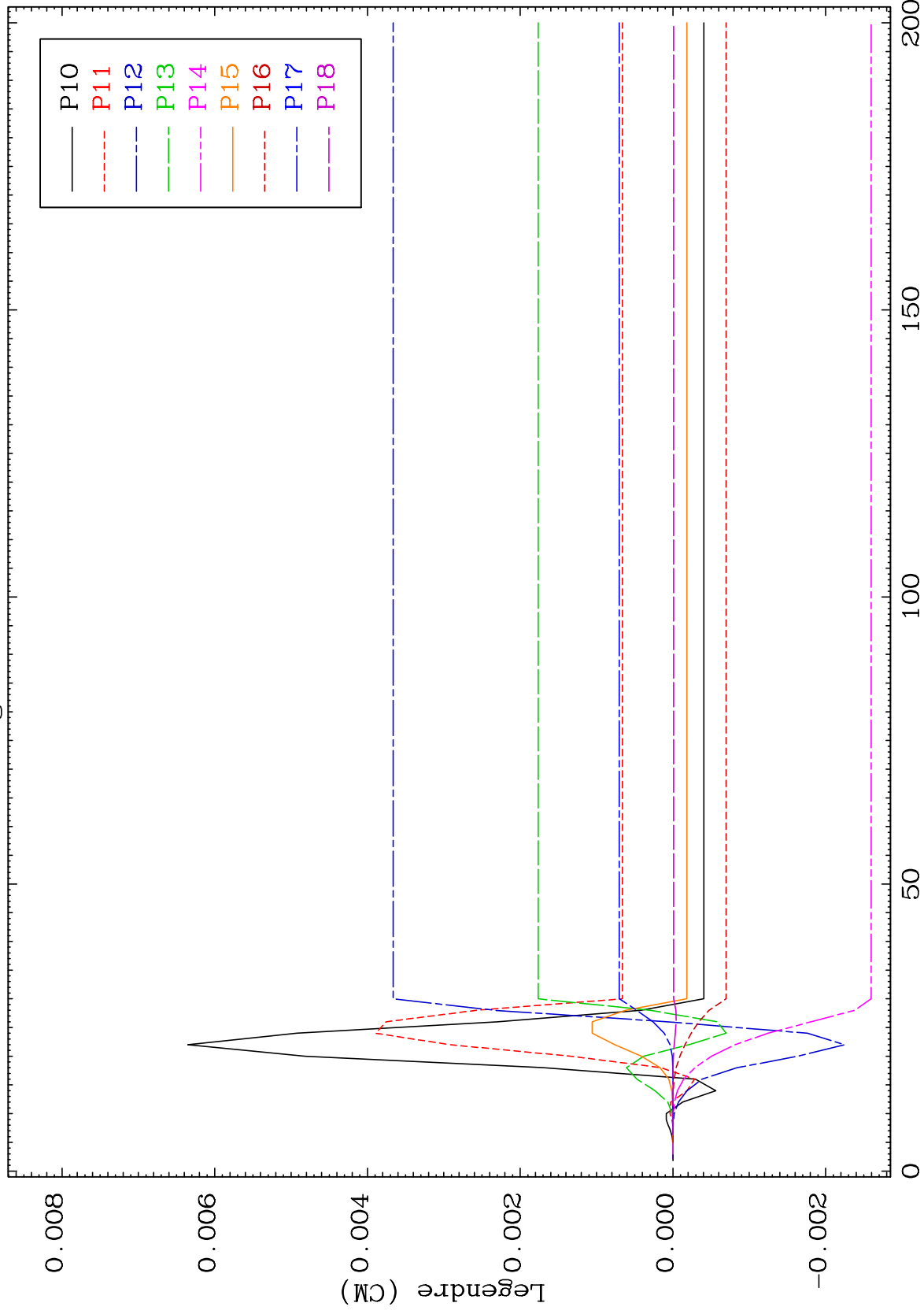
83

63-Eu-162

MAT 6358

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

63-Eu-162



84

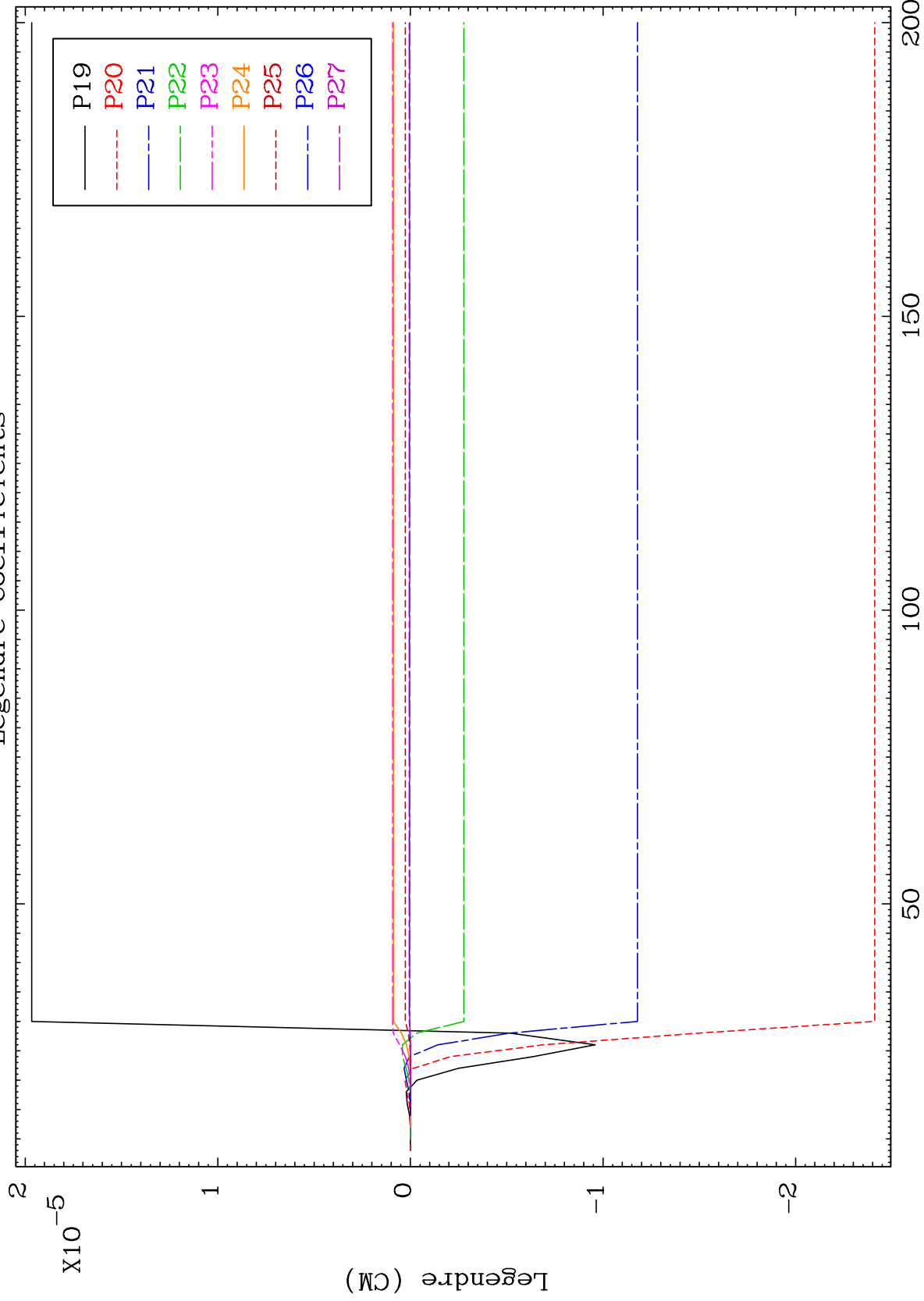
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

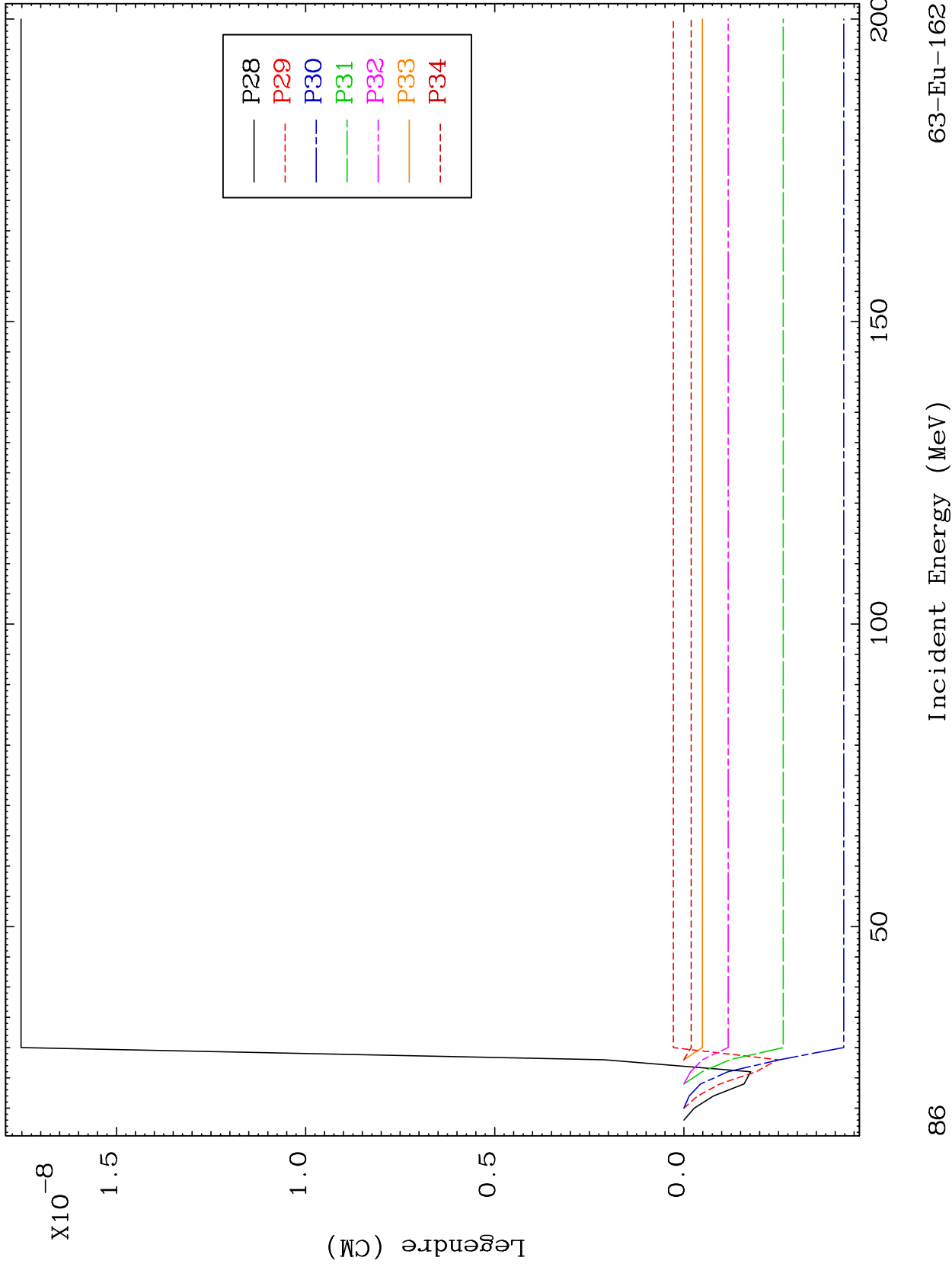
63-Eu-162



85

Incident Energy (MeV)

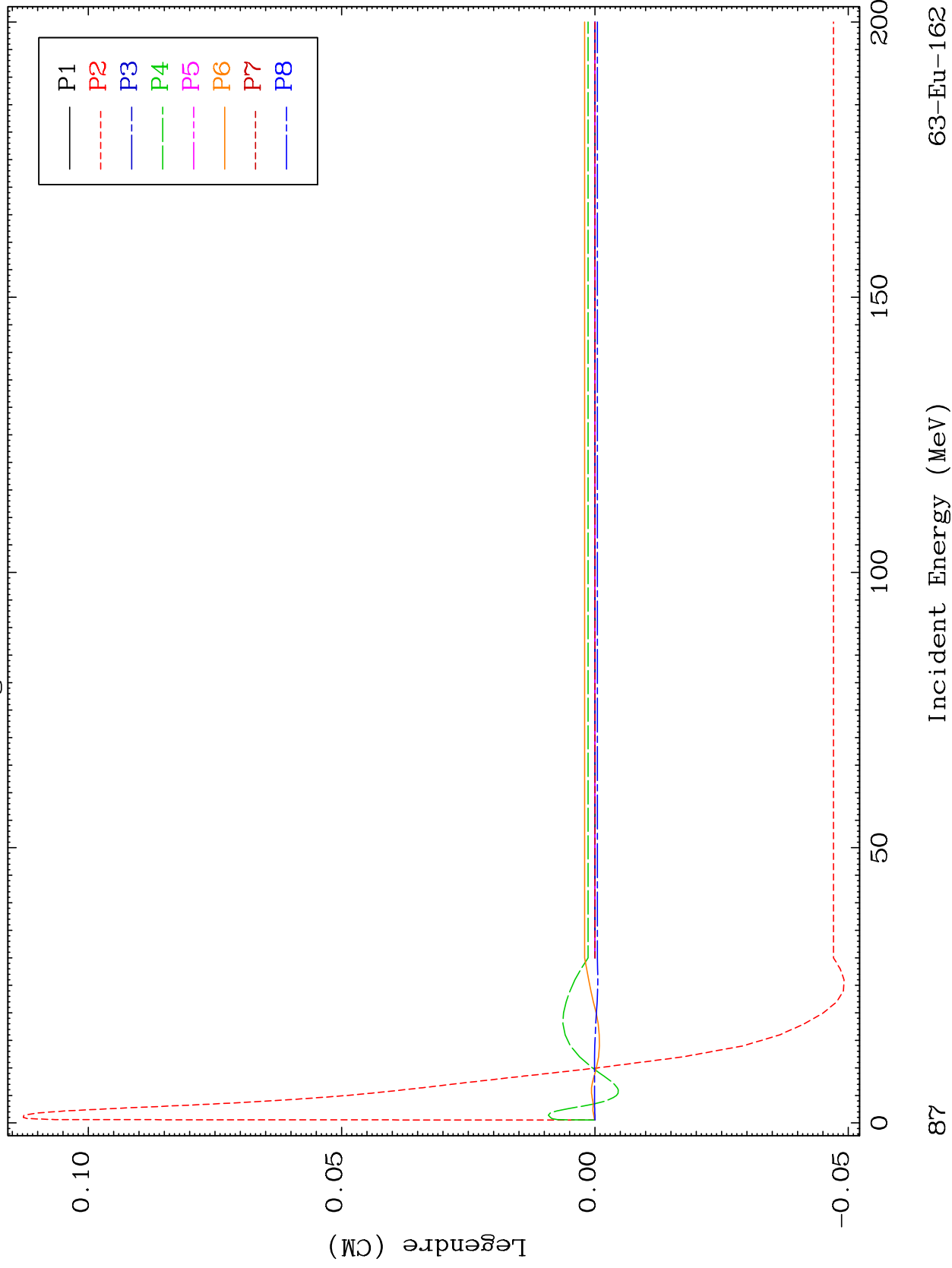
63-Eu-162



MAT 6358

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

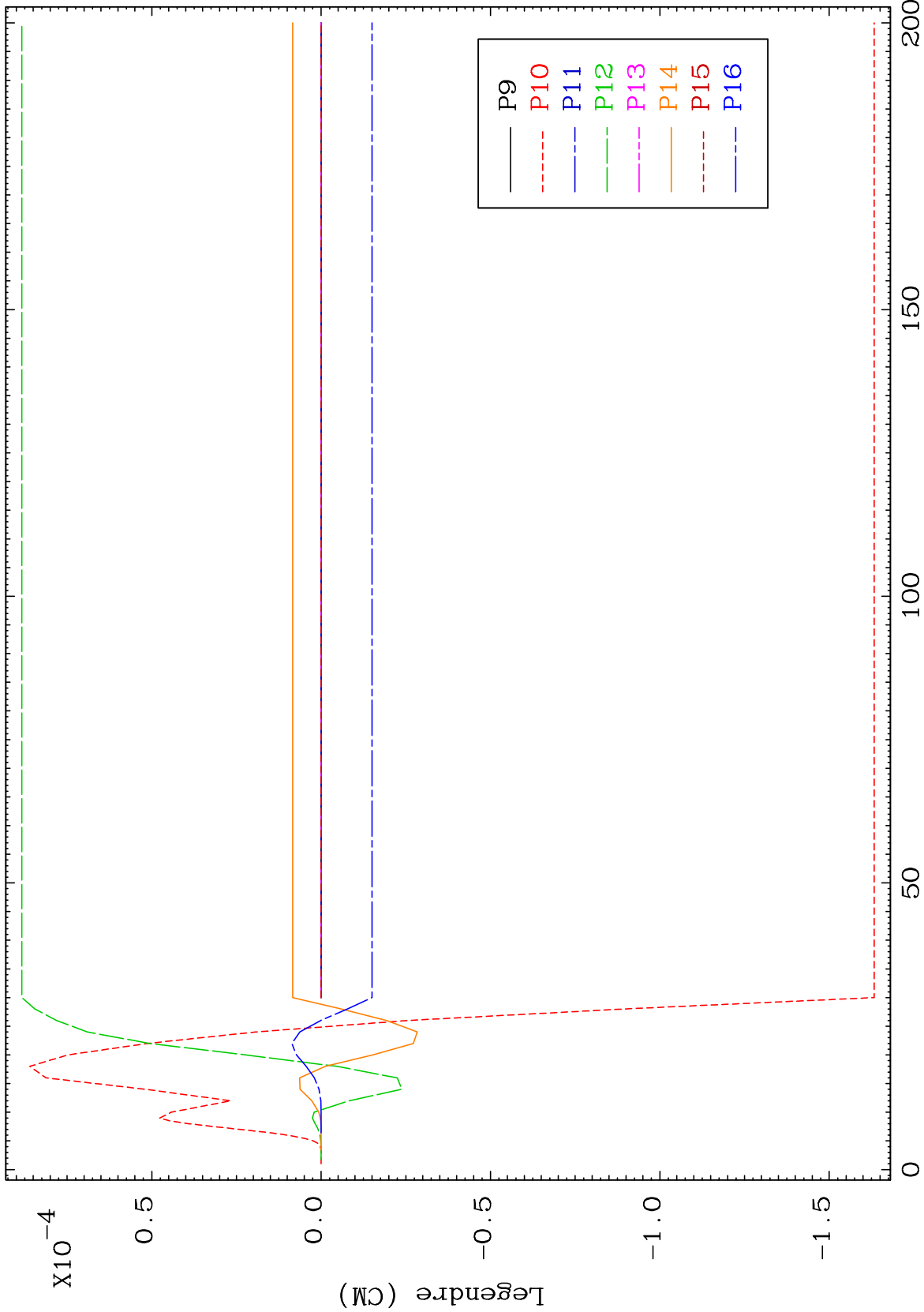
63-Eu-162



MAT 6358

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

63-Eu-162

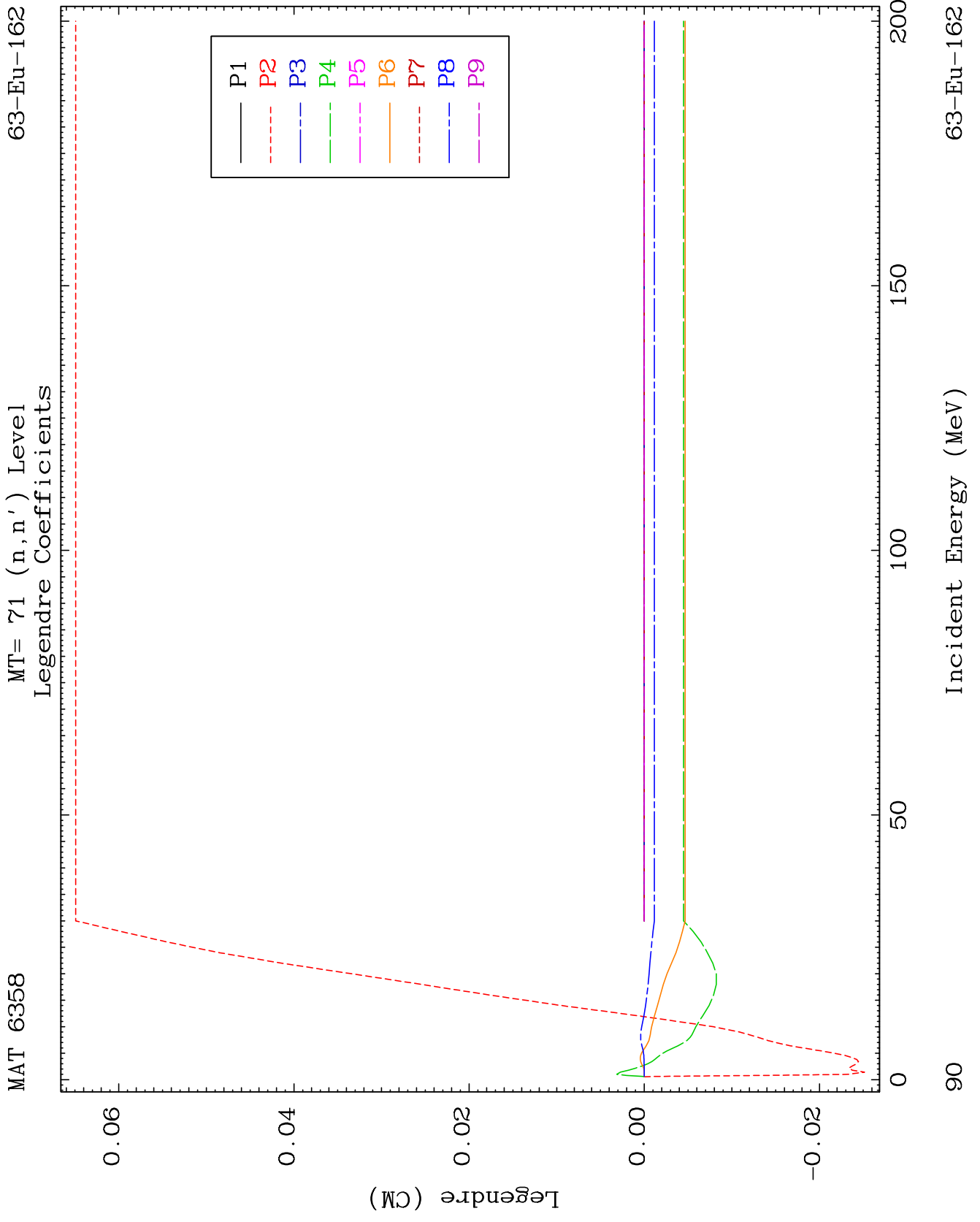


88

Incident Energy (MeV)

63-Eu-162

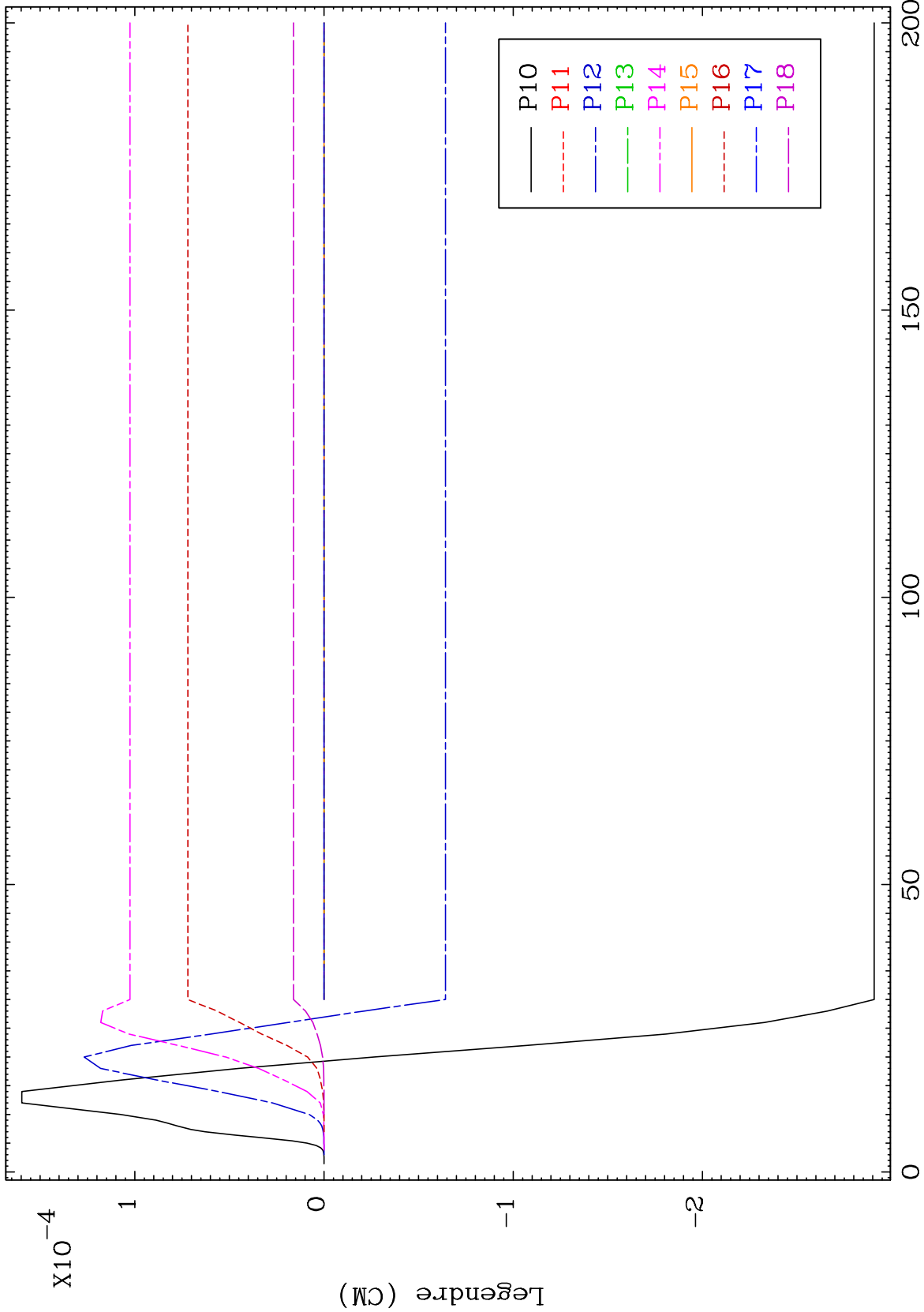




MAT 6358

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

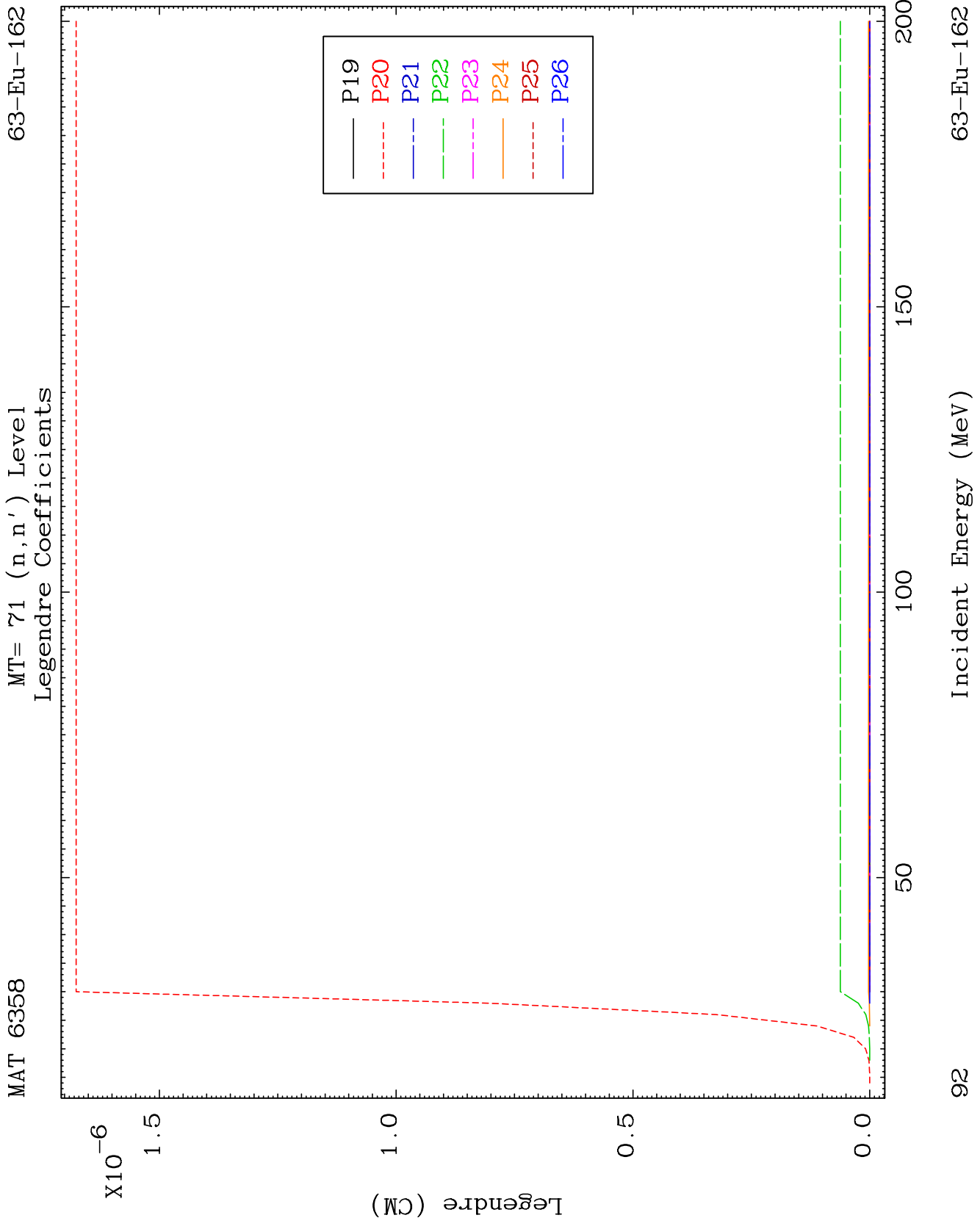
63-Eu-162



91

Incident Energy (MeV)

63-Eu-162

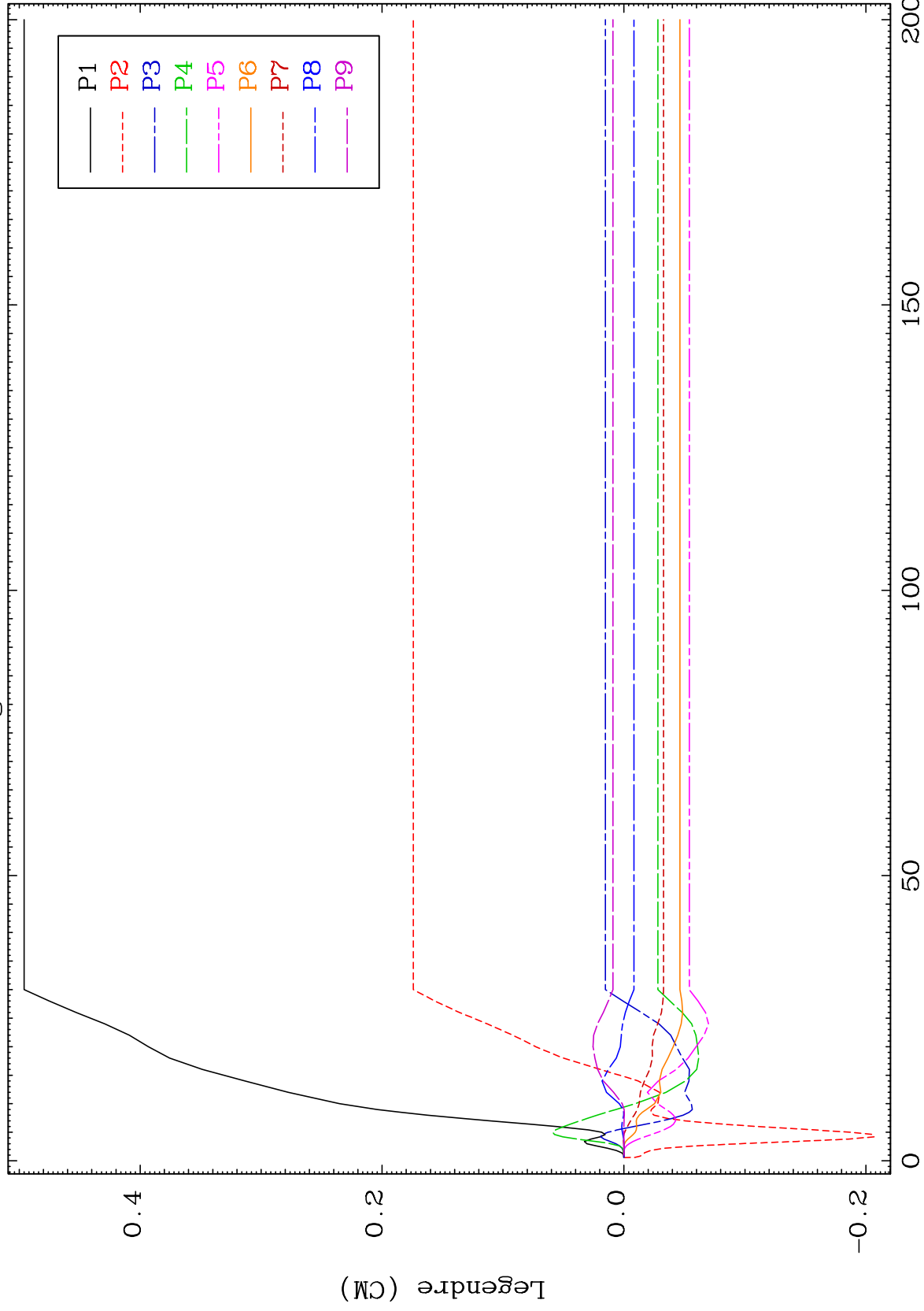


MAT 6358

MT= 72 (n,n') Level

63-Eu-162

Legendre Coefficients



93

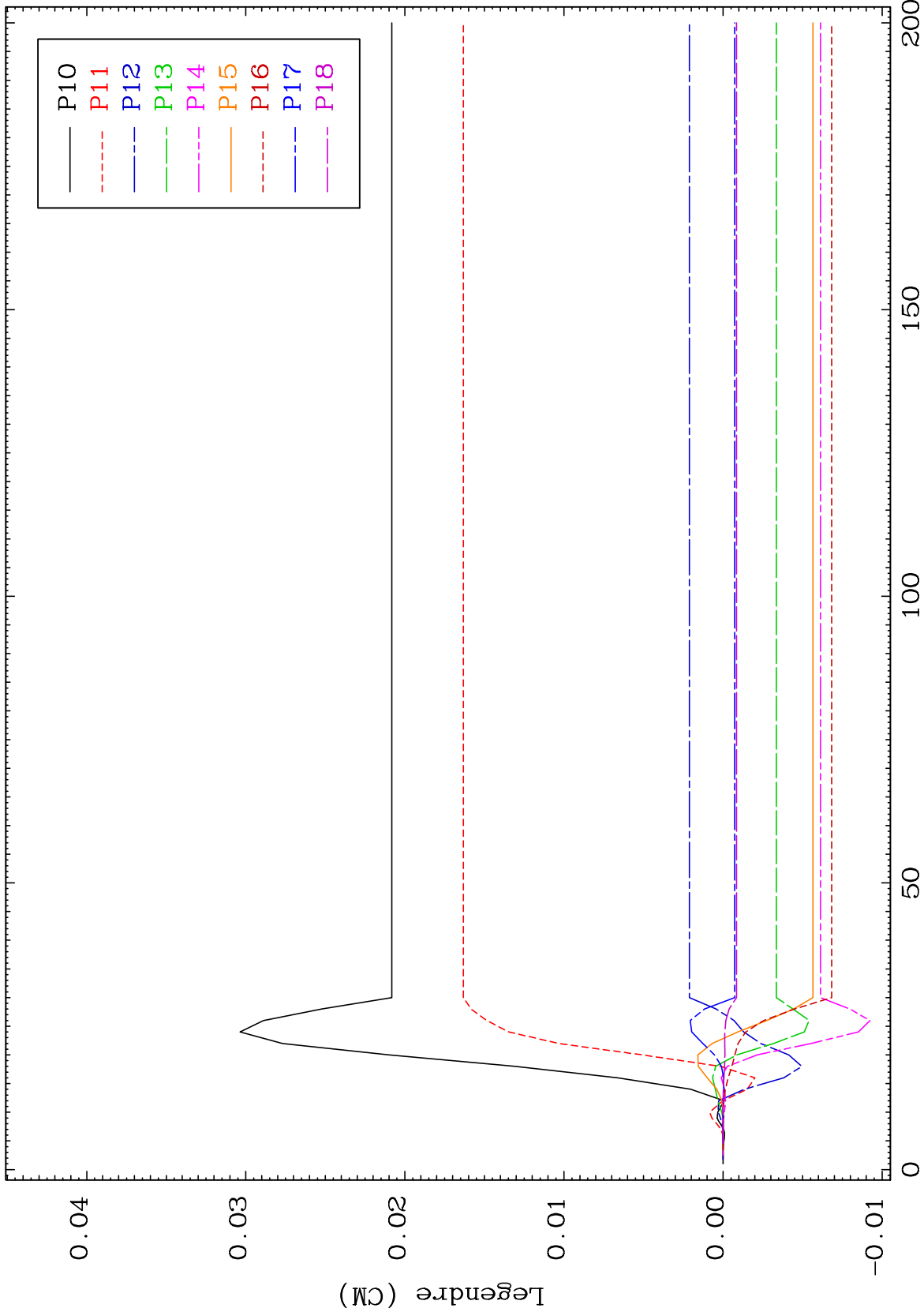
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



94

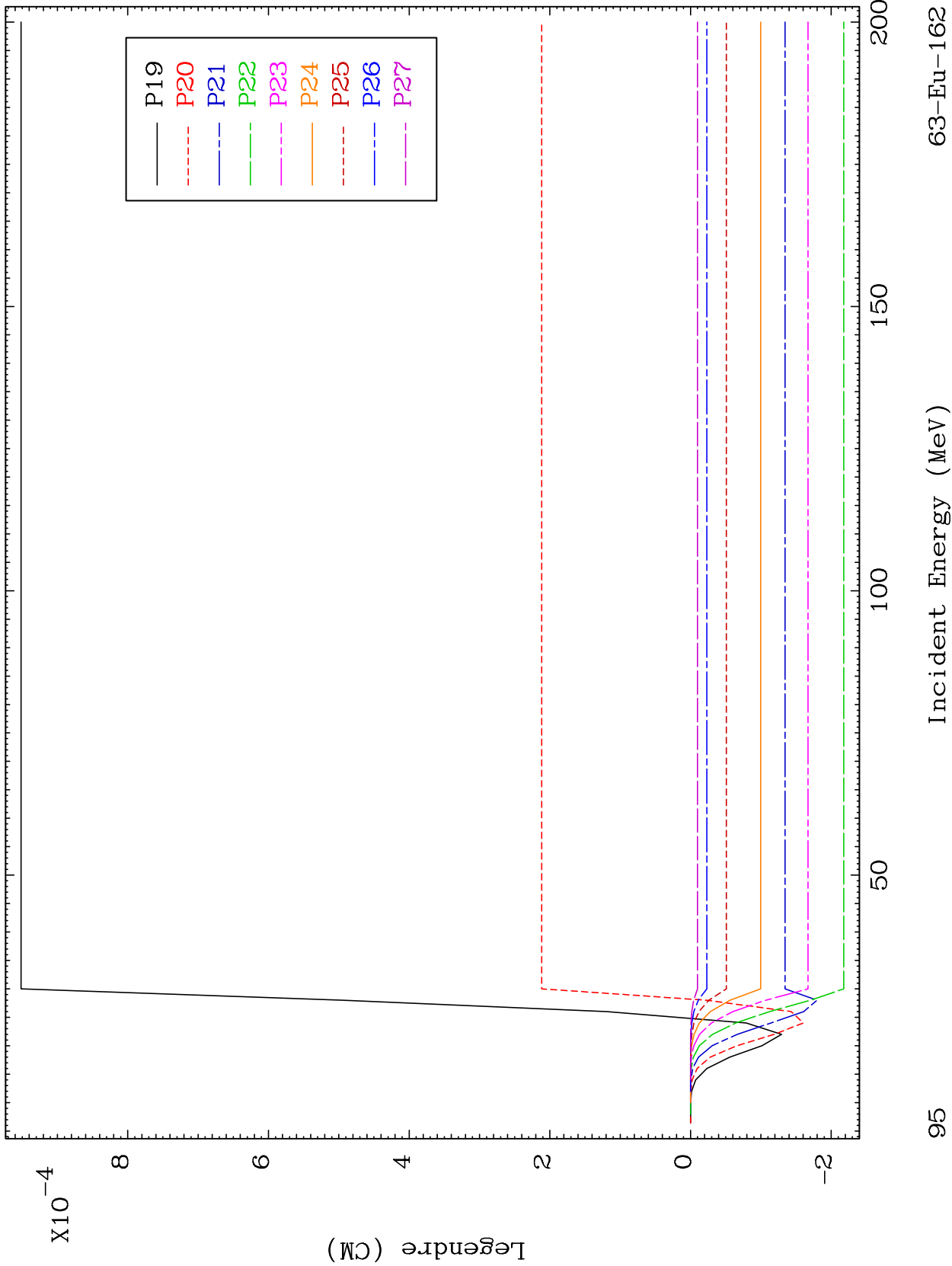
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

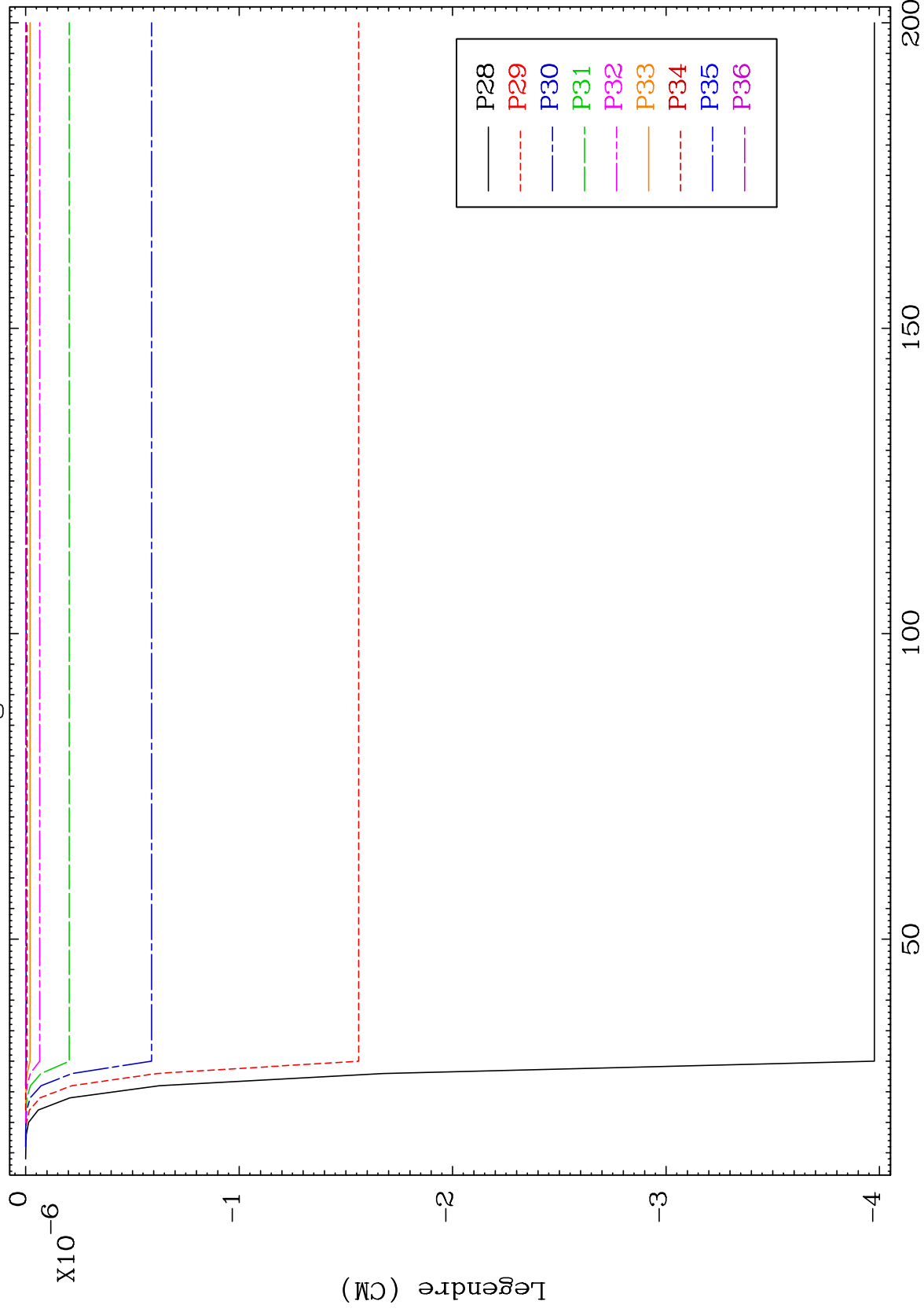
63-Eu-162



MAT 6358

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

63-Eu-162



96

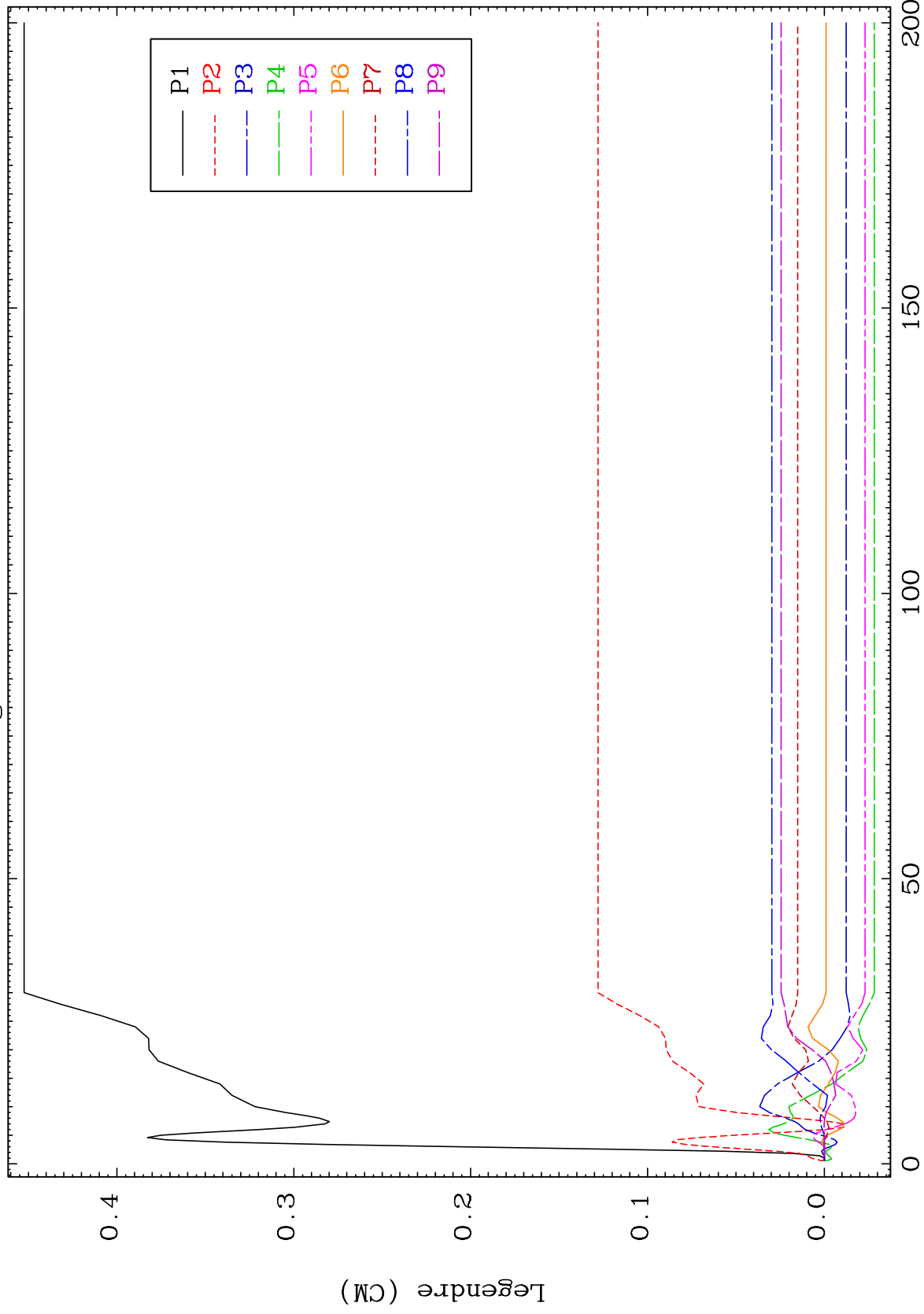
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



97

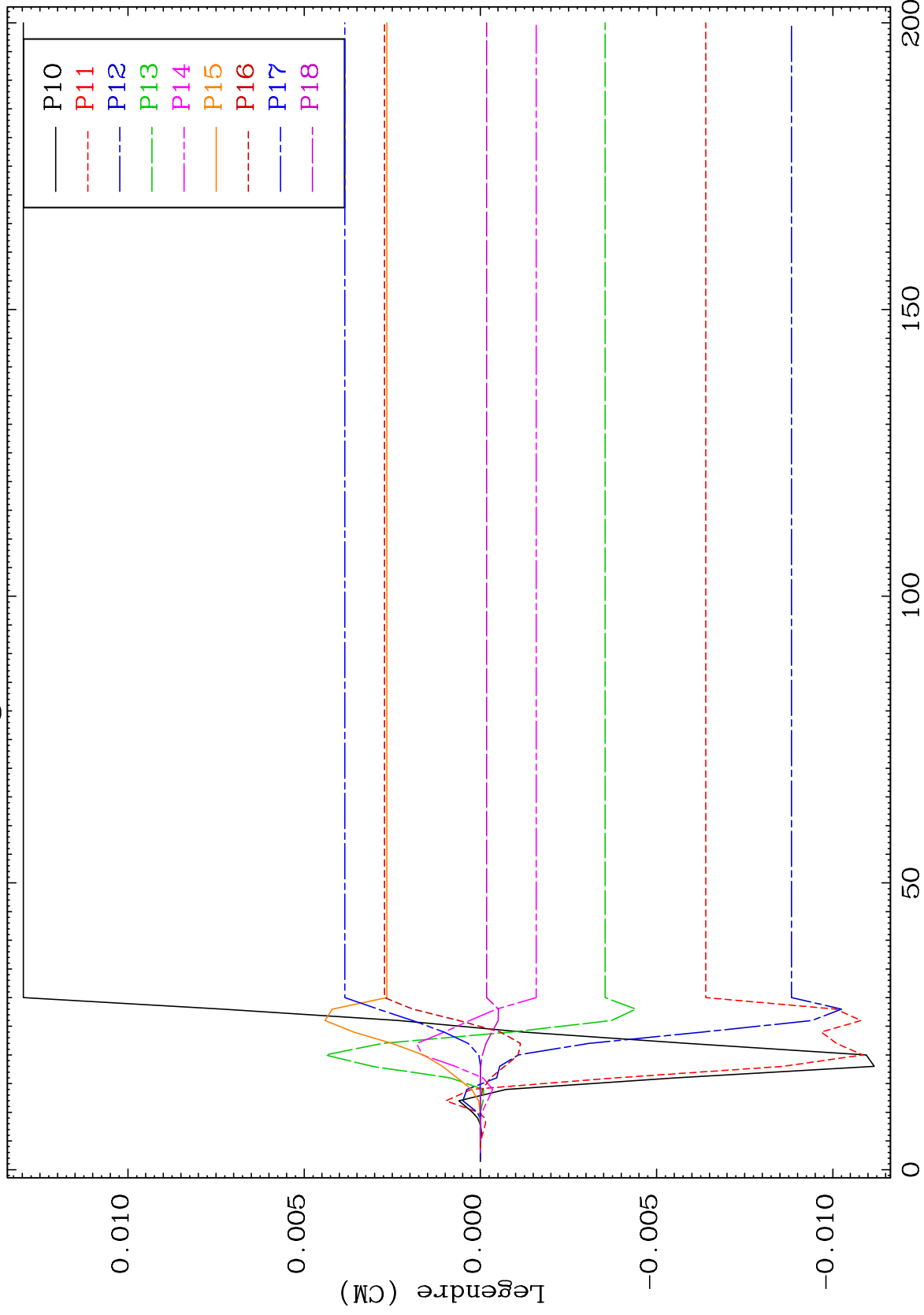
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

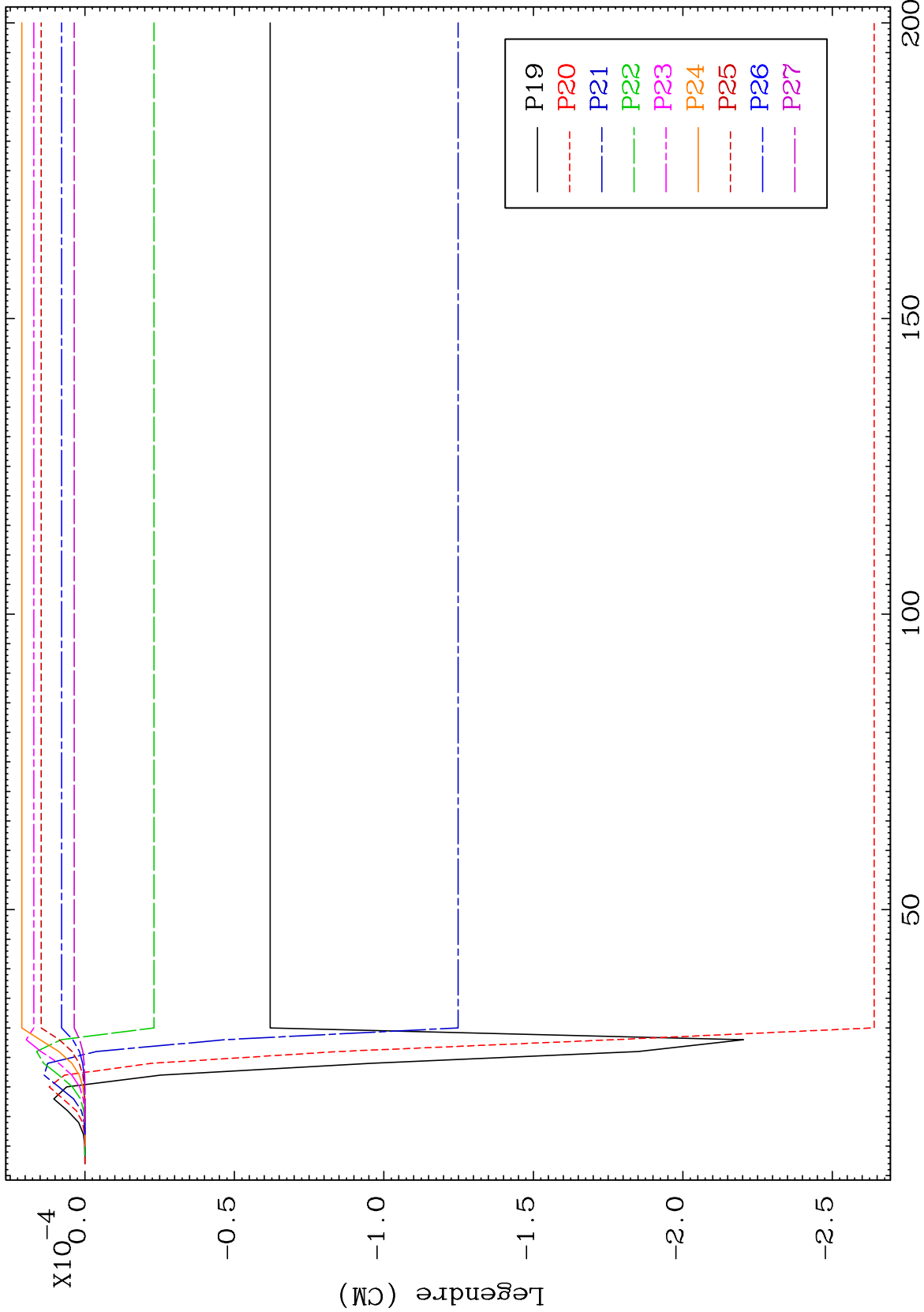
63-Eu-162



98

Incident Energy (MeV)

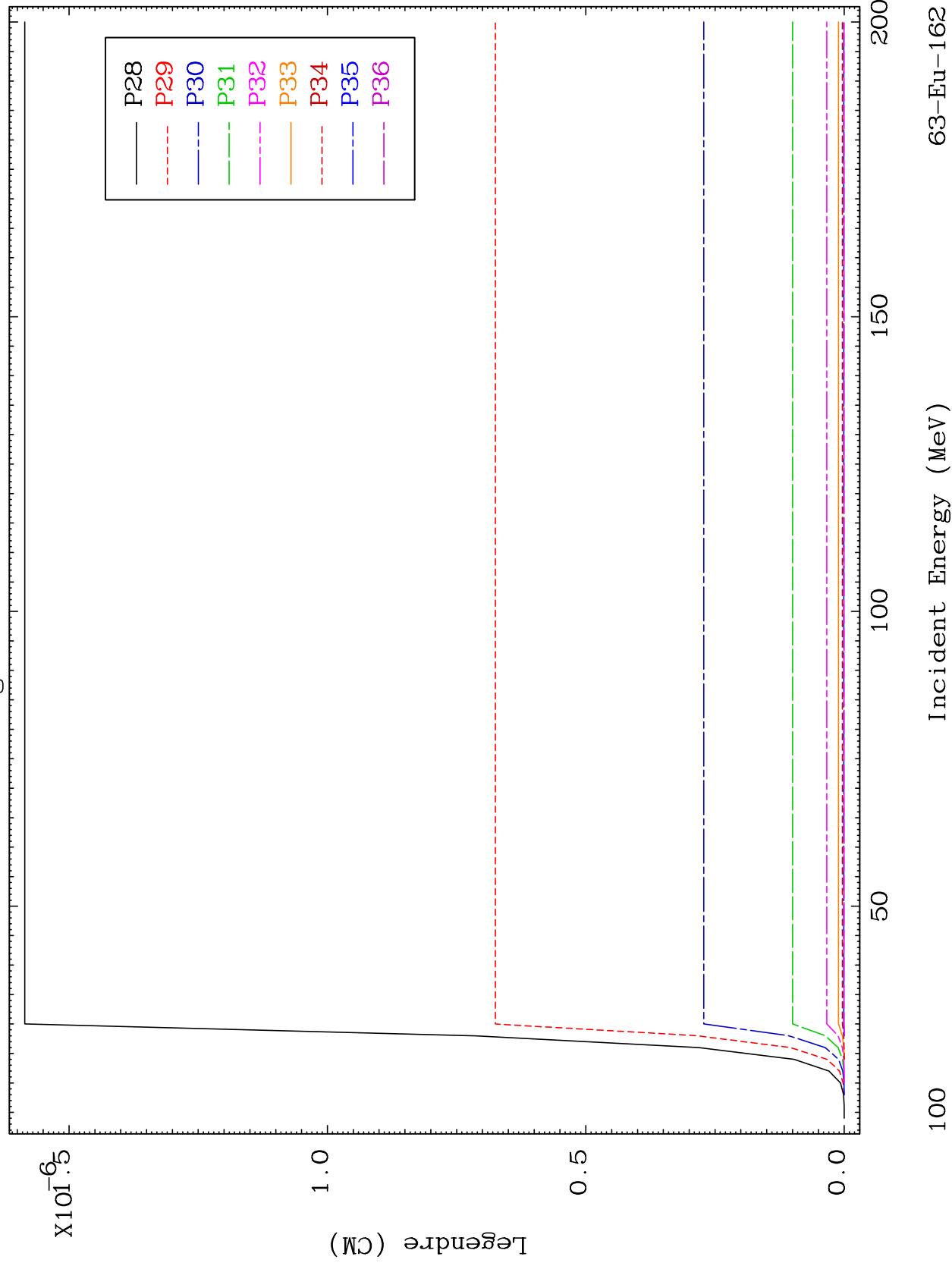
63-Eu-162



MAT 6358

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

63-Eu-162



63-Eu-162

Incident Energy (MeV)

100

200

150

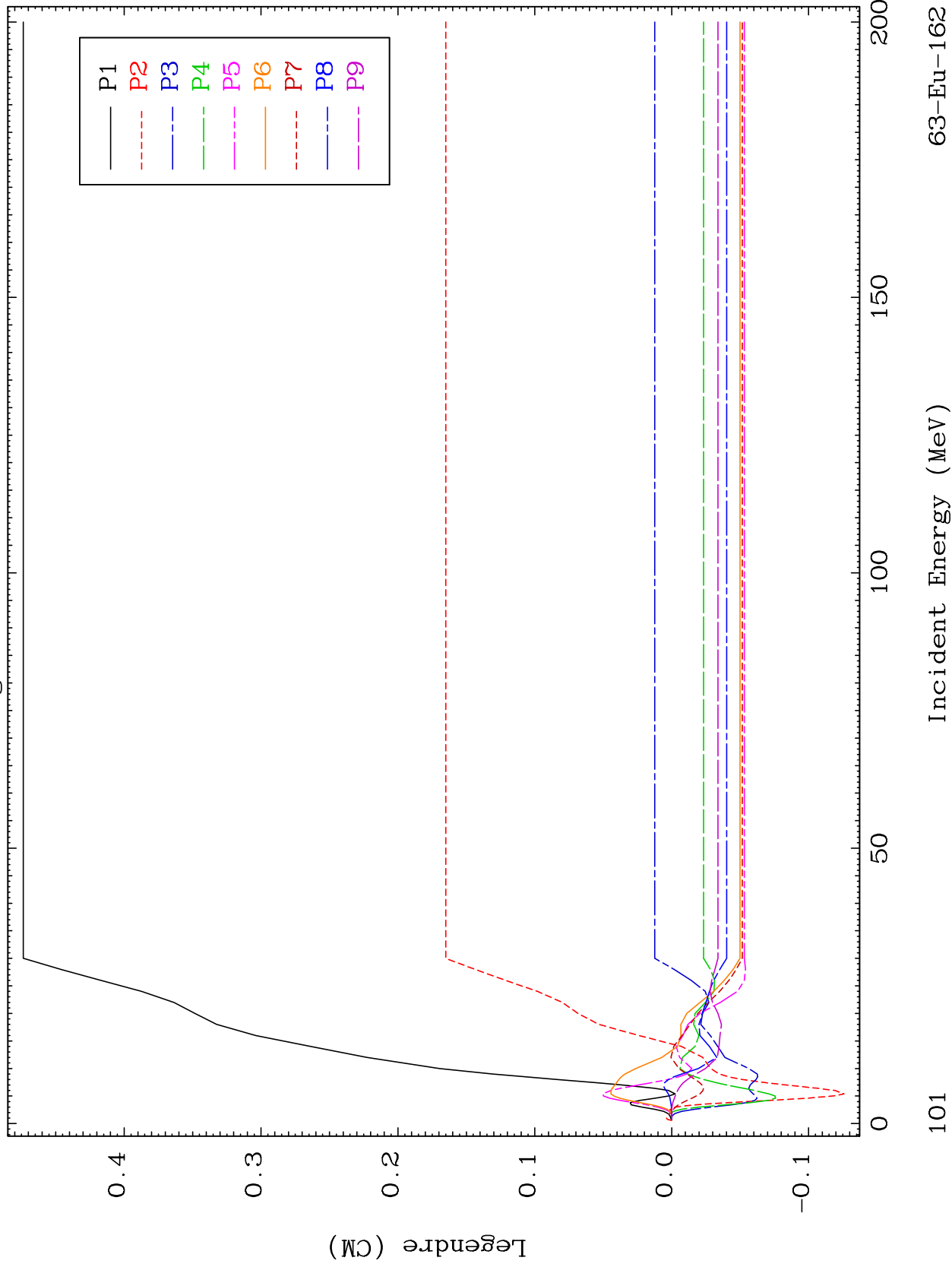
100

50

MAT 6358

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

63-Eu-162



63-Eu-162

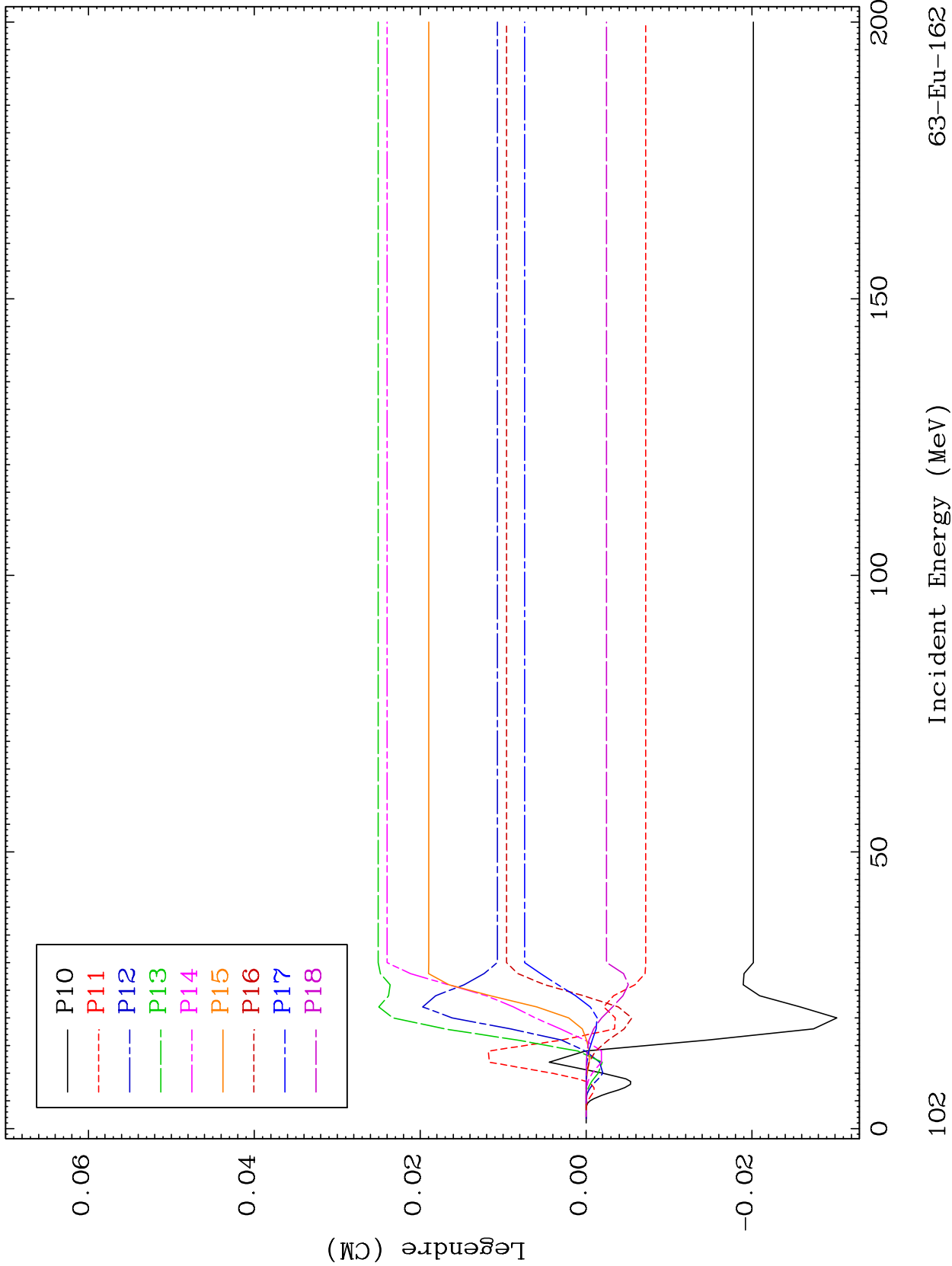
Incident Energy (MeV)

101

MAT 6358

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

63-Eu-162



63-Eu-162

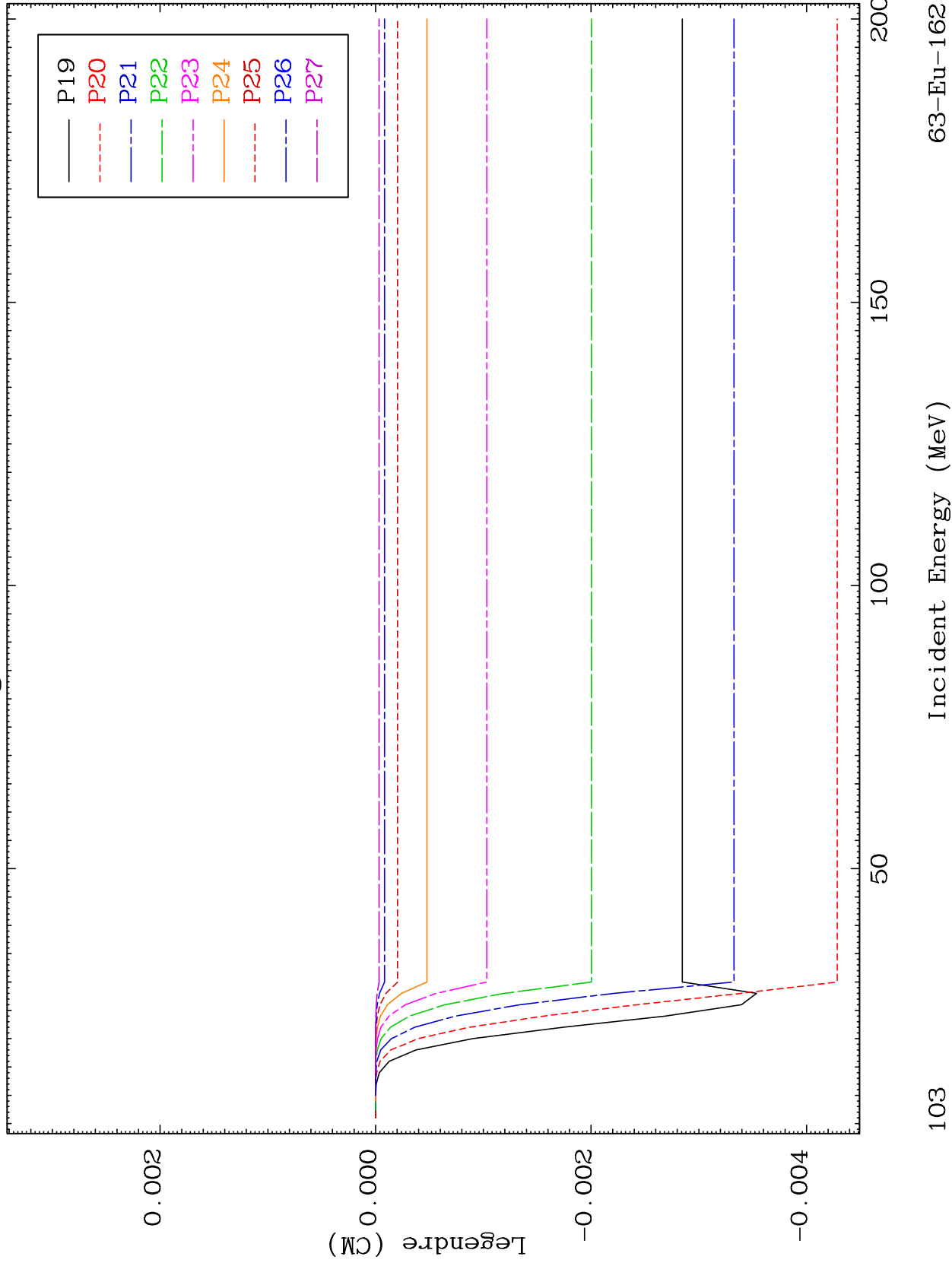
Incident Energy (MeV)

102

MAT 6358

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

63-Eu-162



103

Incident Energy (MeV)

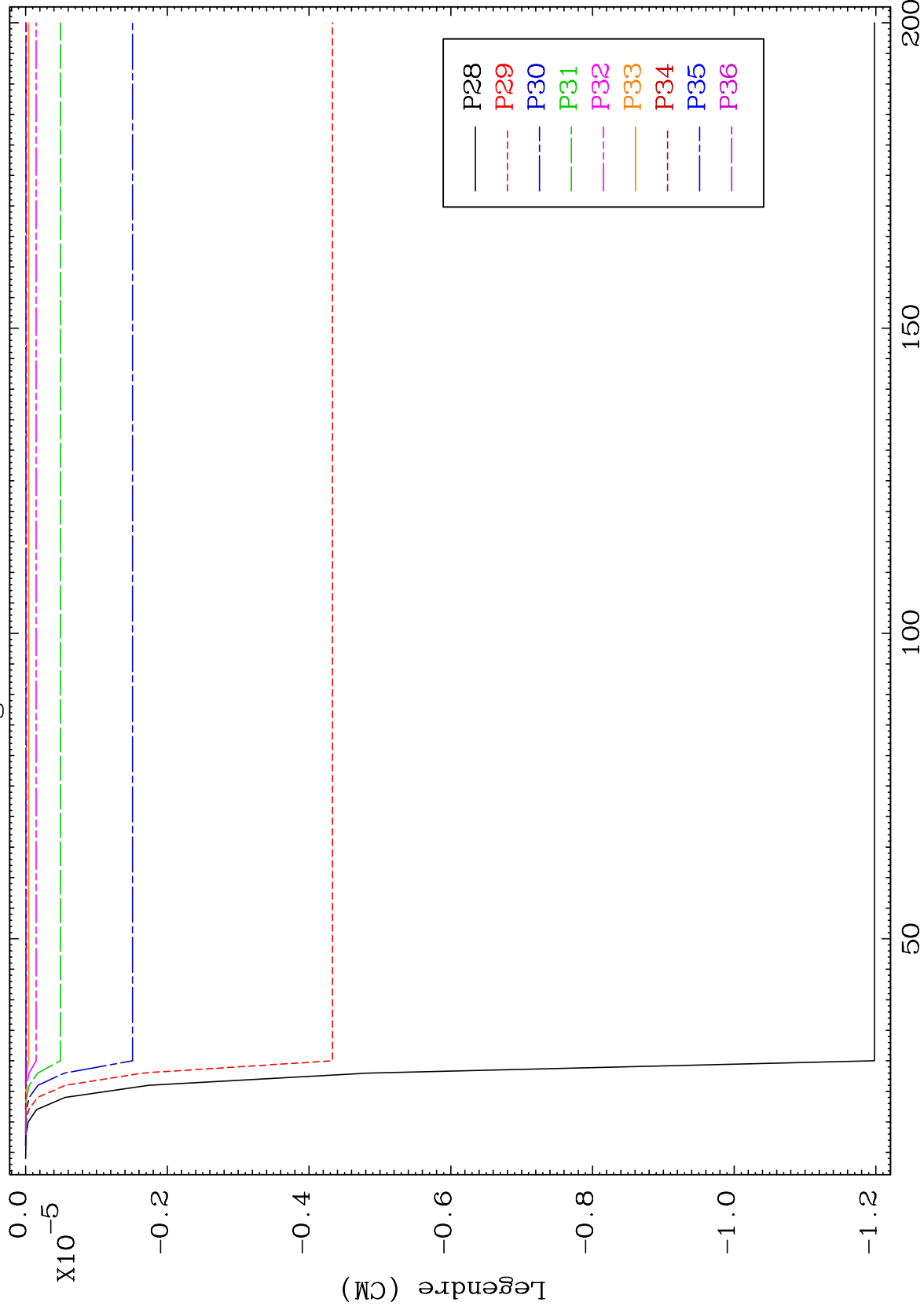
63-Eu-162

MAT 6358

MT= 74 (n,n') Level

63-Eu-162

Legendre Coefficients



63-Eu-162

Incident Energy (MeV)

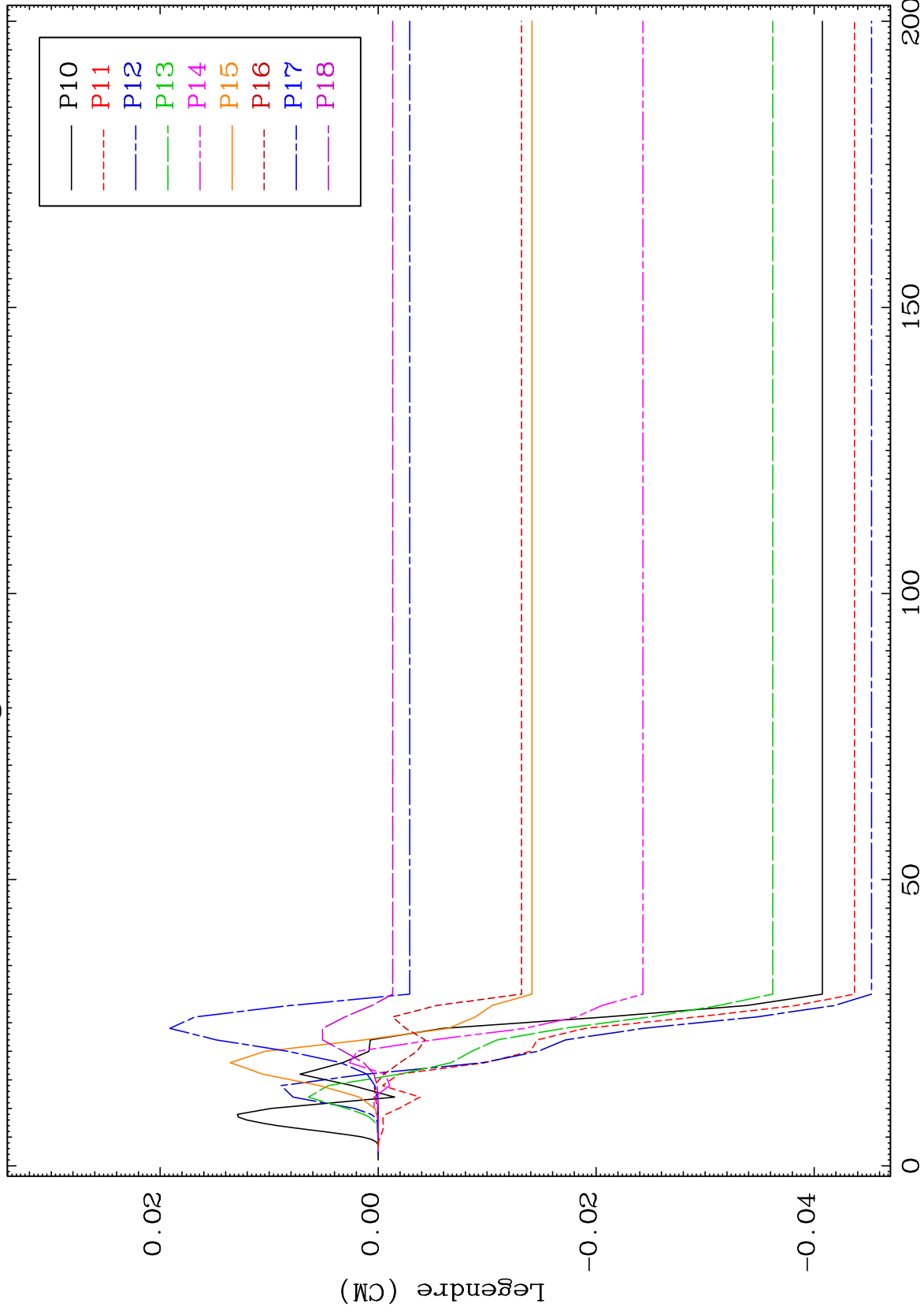
104



MAT 6358

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

63-Eu-162



106

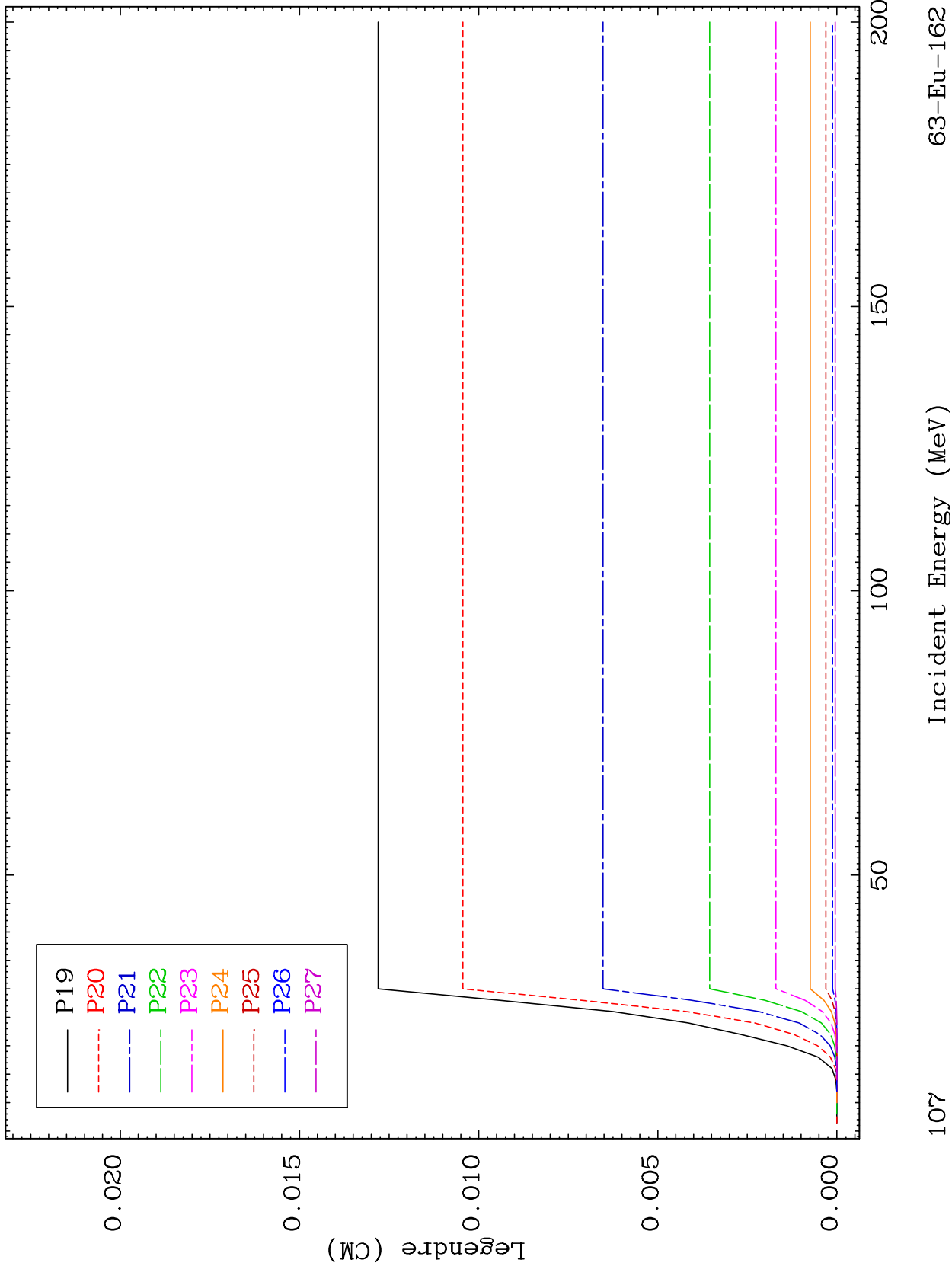
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



107

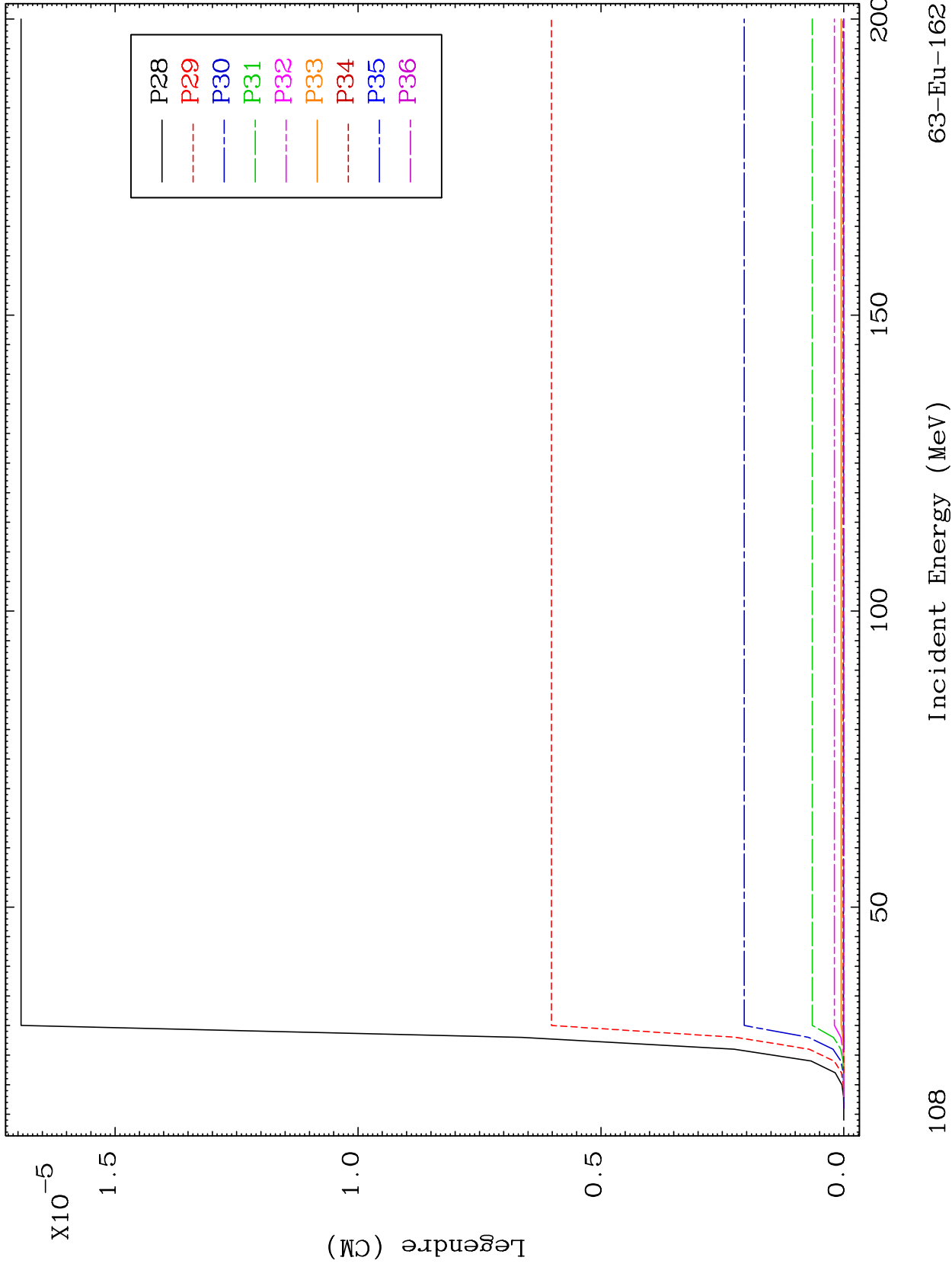
Incident Energy (MeV)

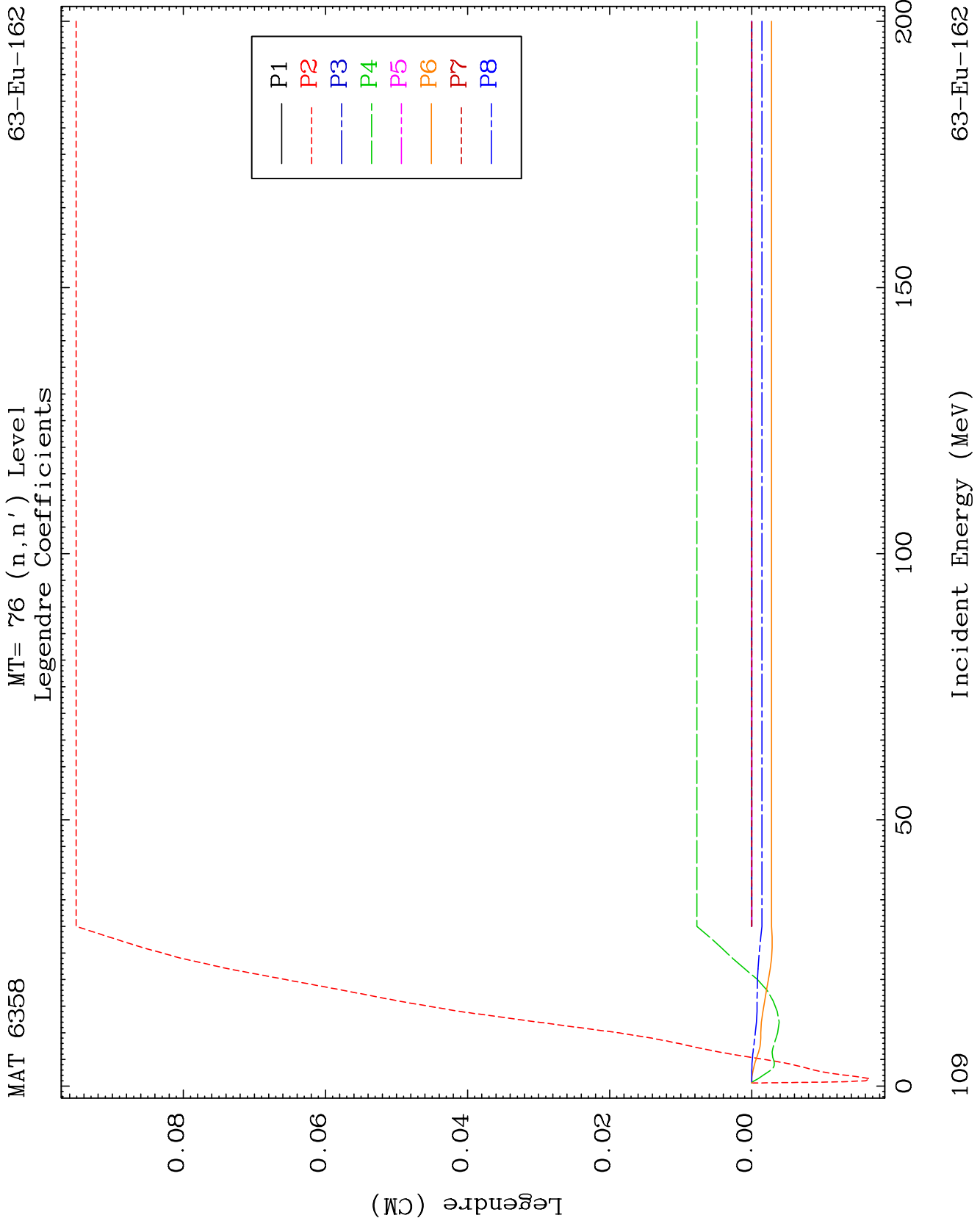
63-Eu-162

MAT 6358

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

63-Eu-162

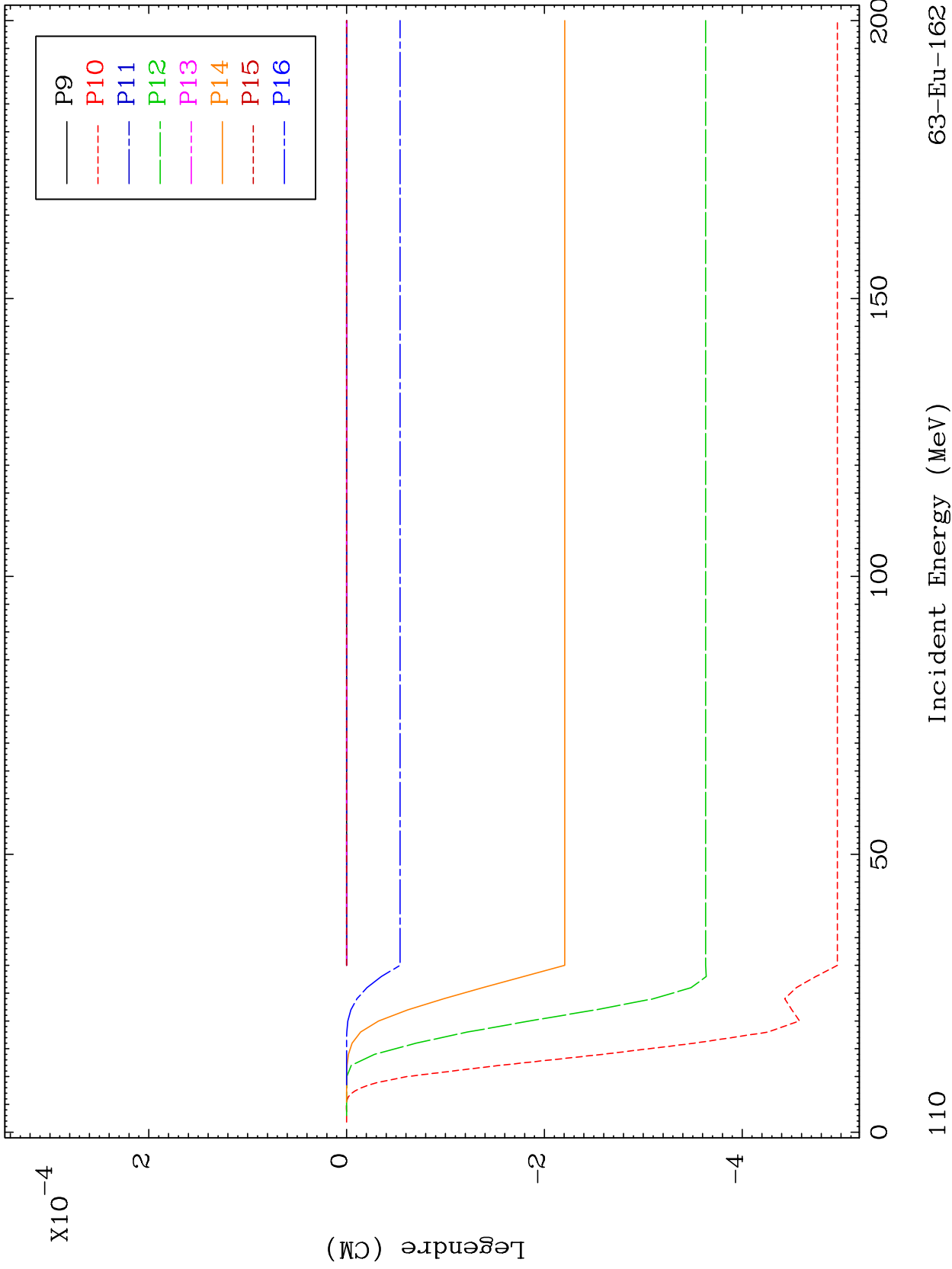




MAT 6358

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

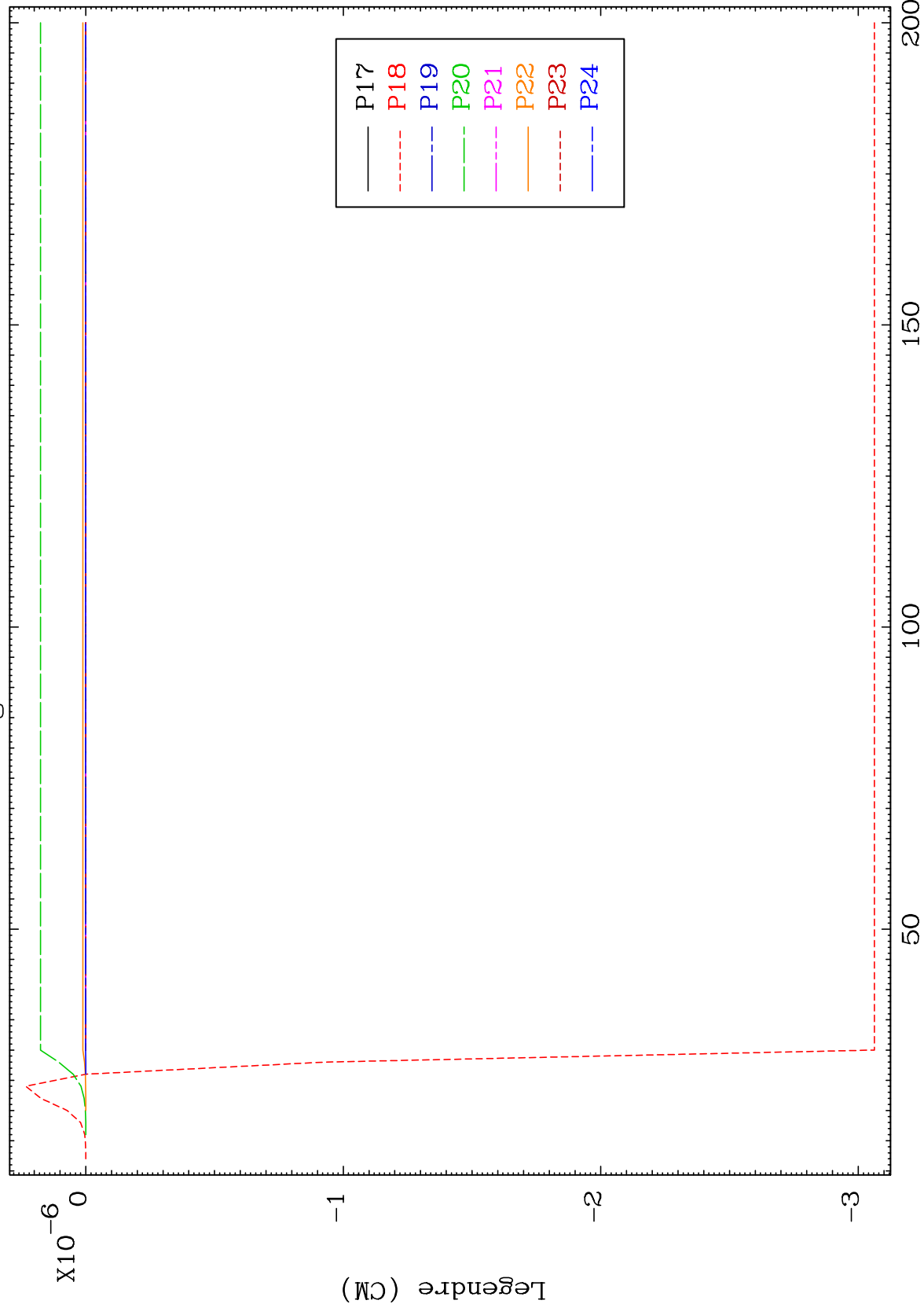
63-Eu-162



MAT 6358

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

63-Eu-162



111

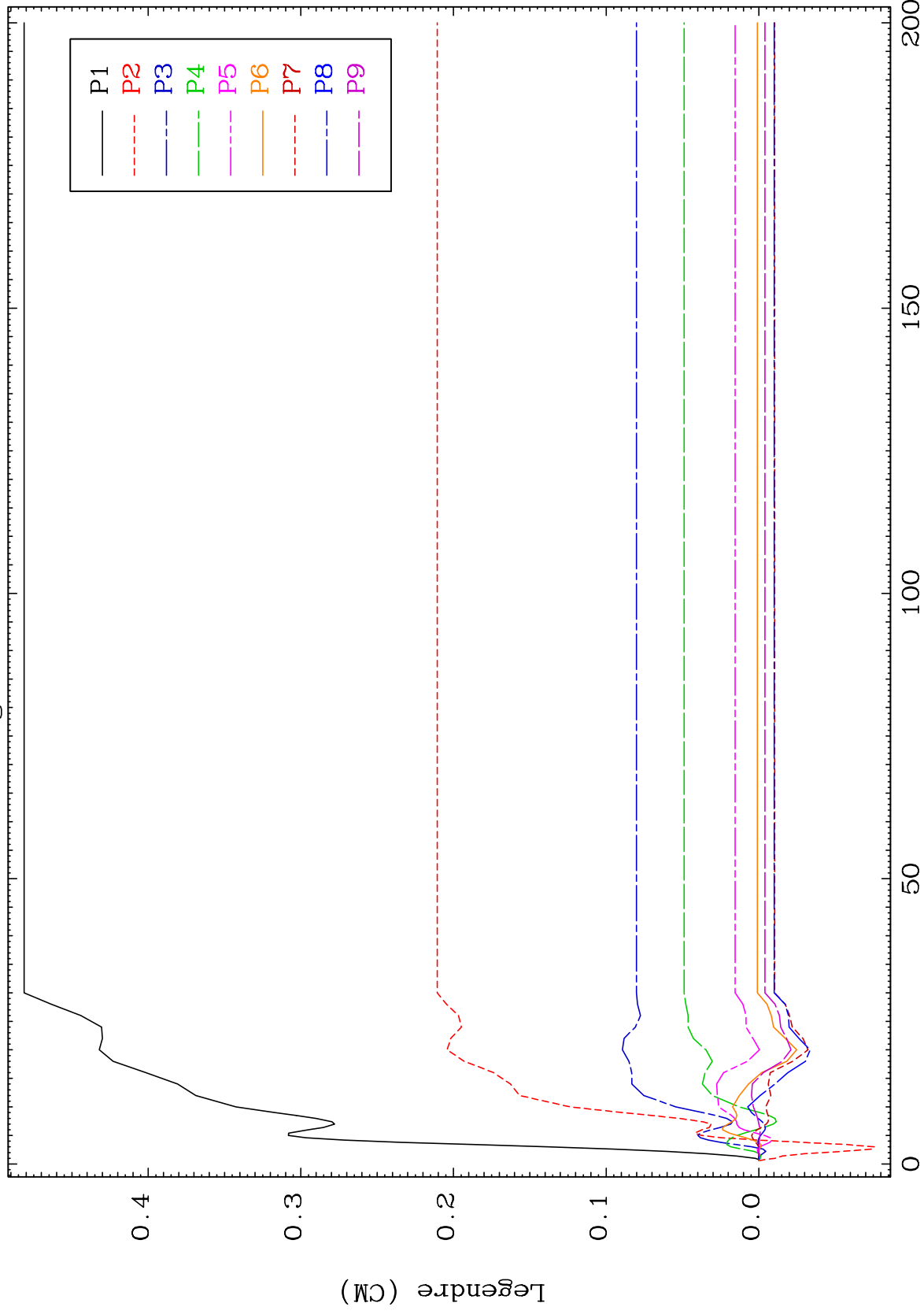
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



112

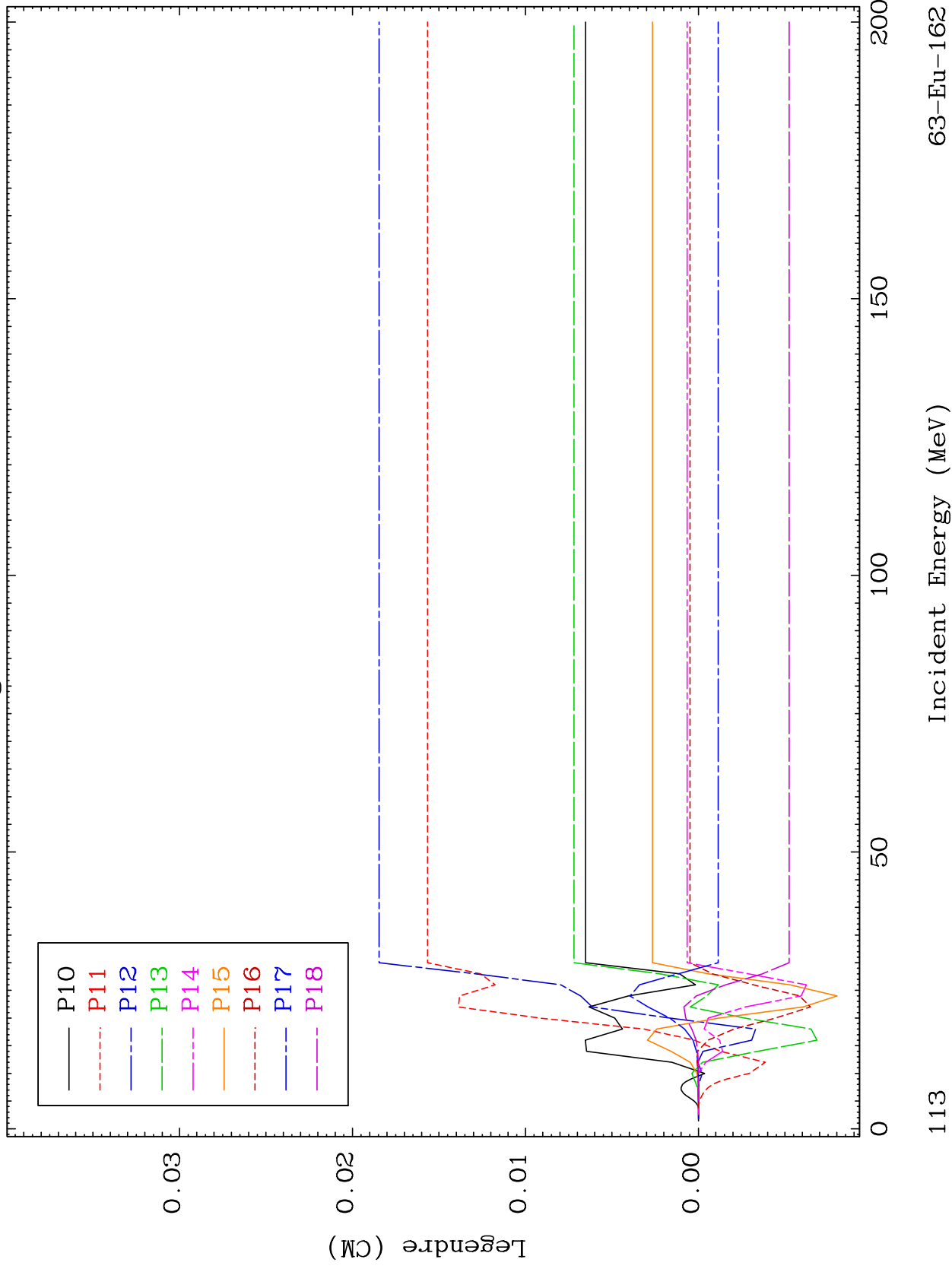
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

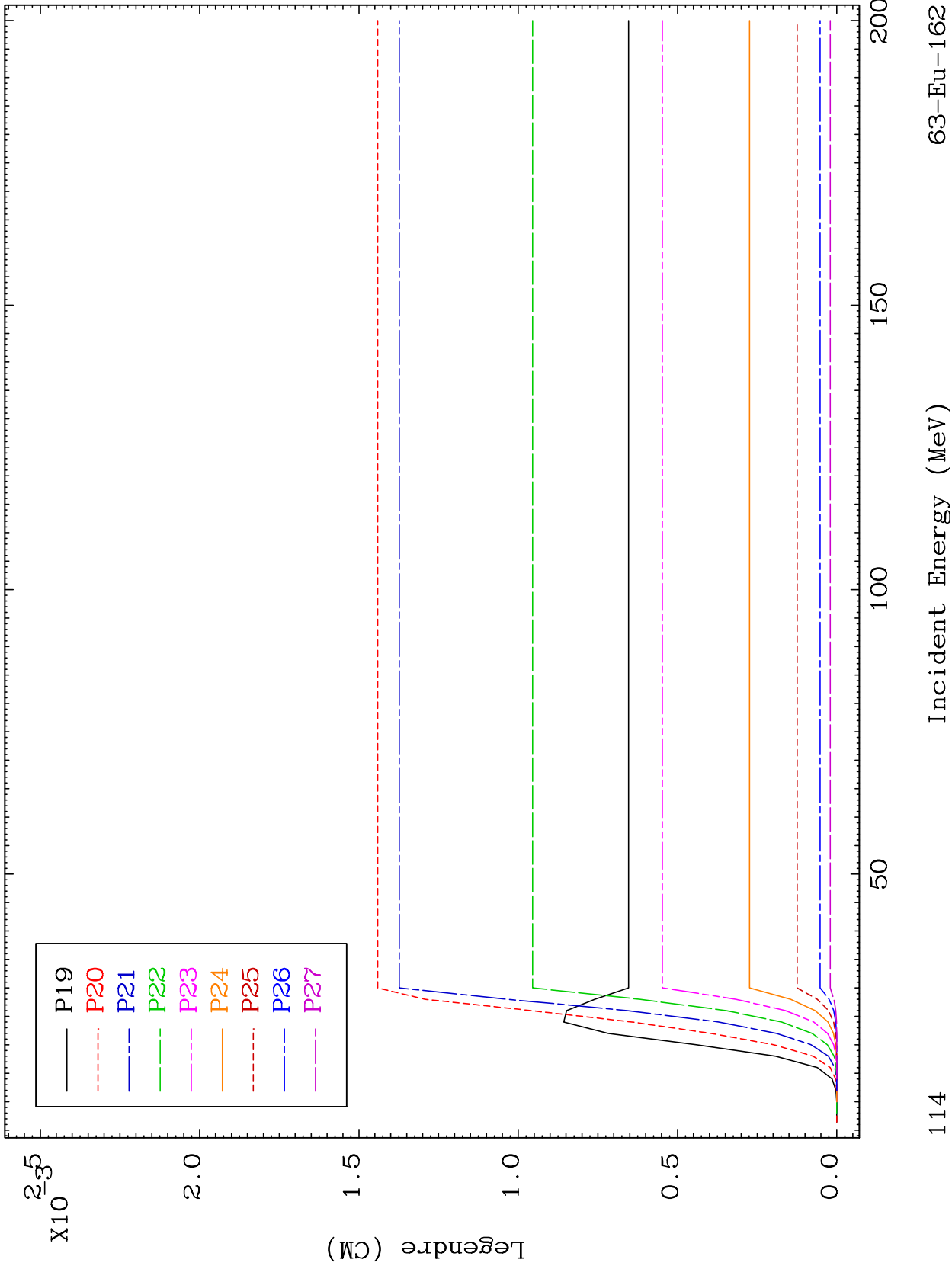
63-Eu-162



113

Incident Energy (MeV)

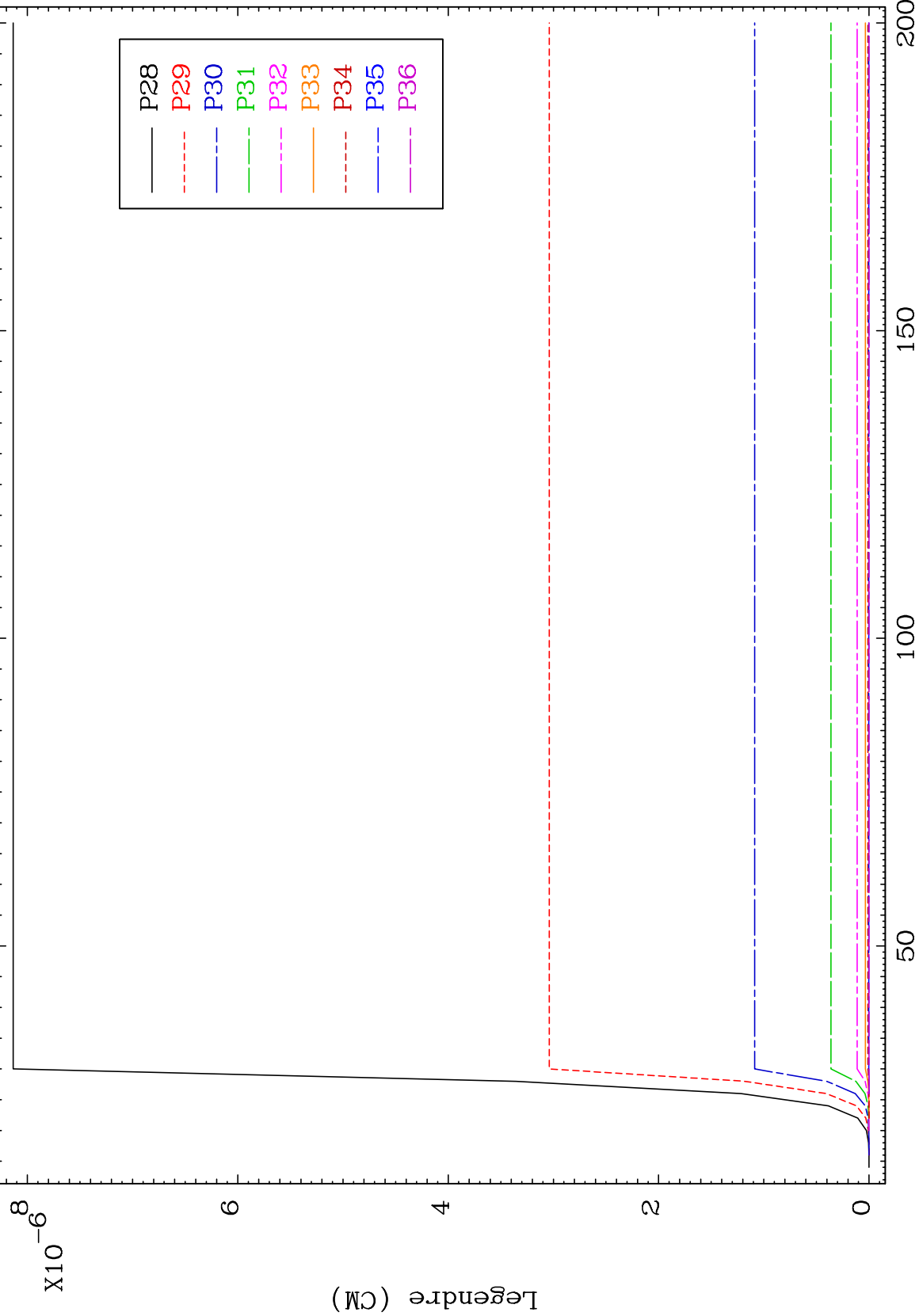
63-Eu-162



MAT 6358

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

63-Eu-162



115

Incident Energy (MeV)

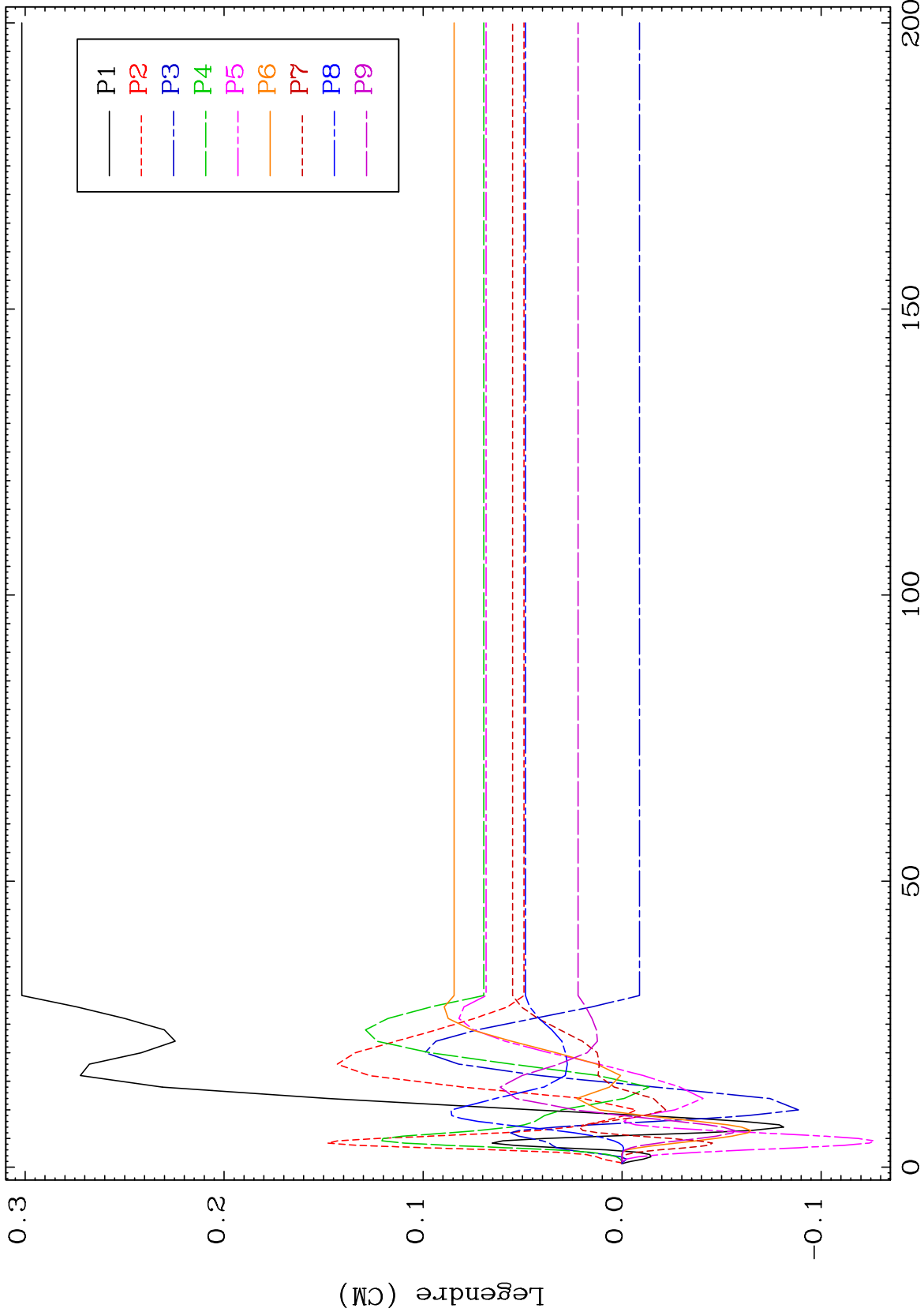
63-Eu-162

MAT 6358

MT= 78 (n,n') Level

63-Eu-162

Legendre Coefficients



116

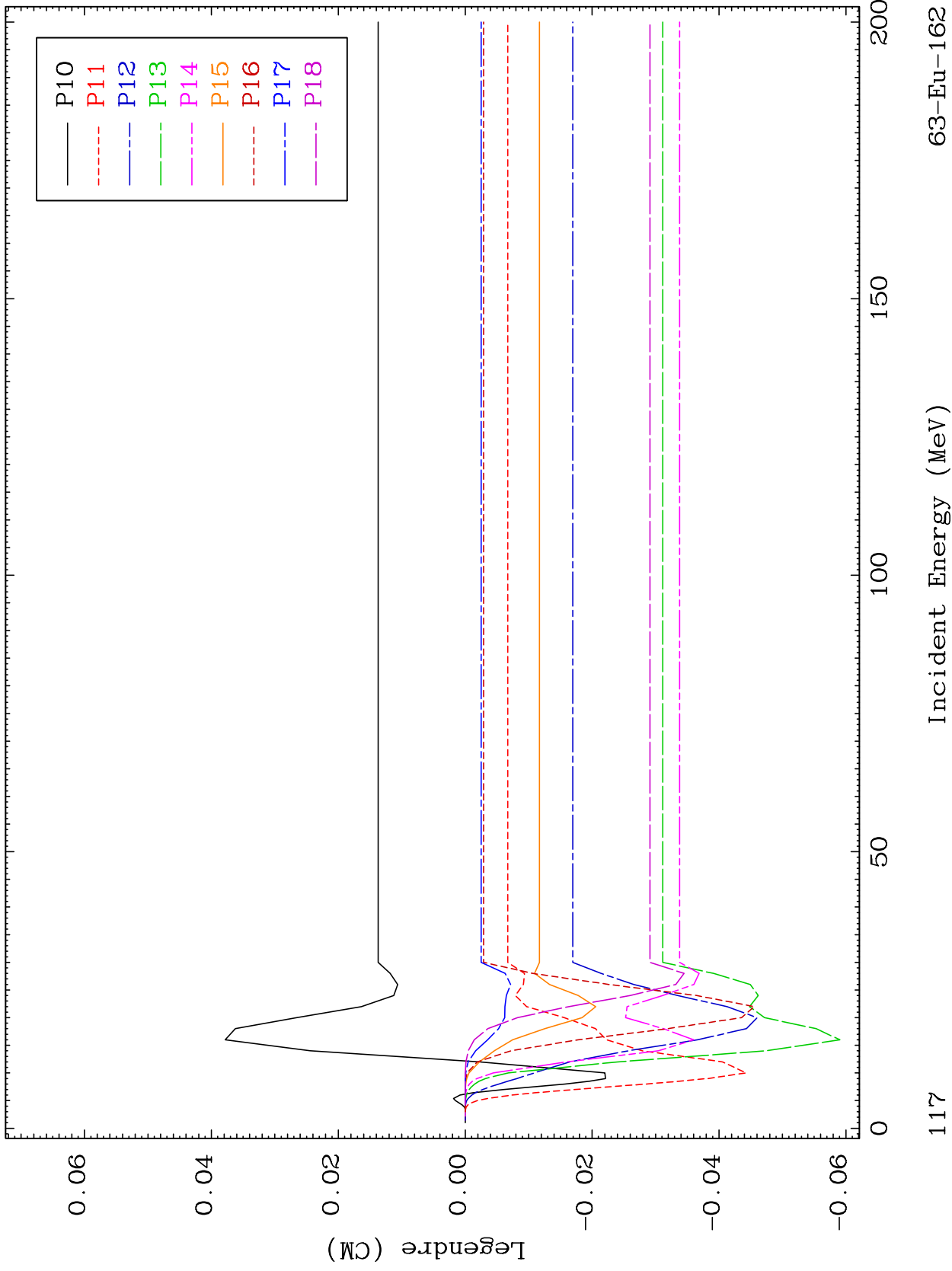
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



117

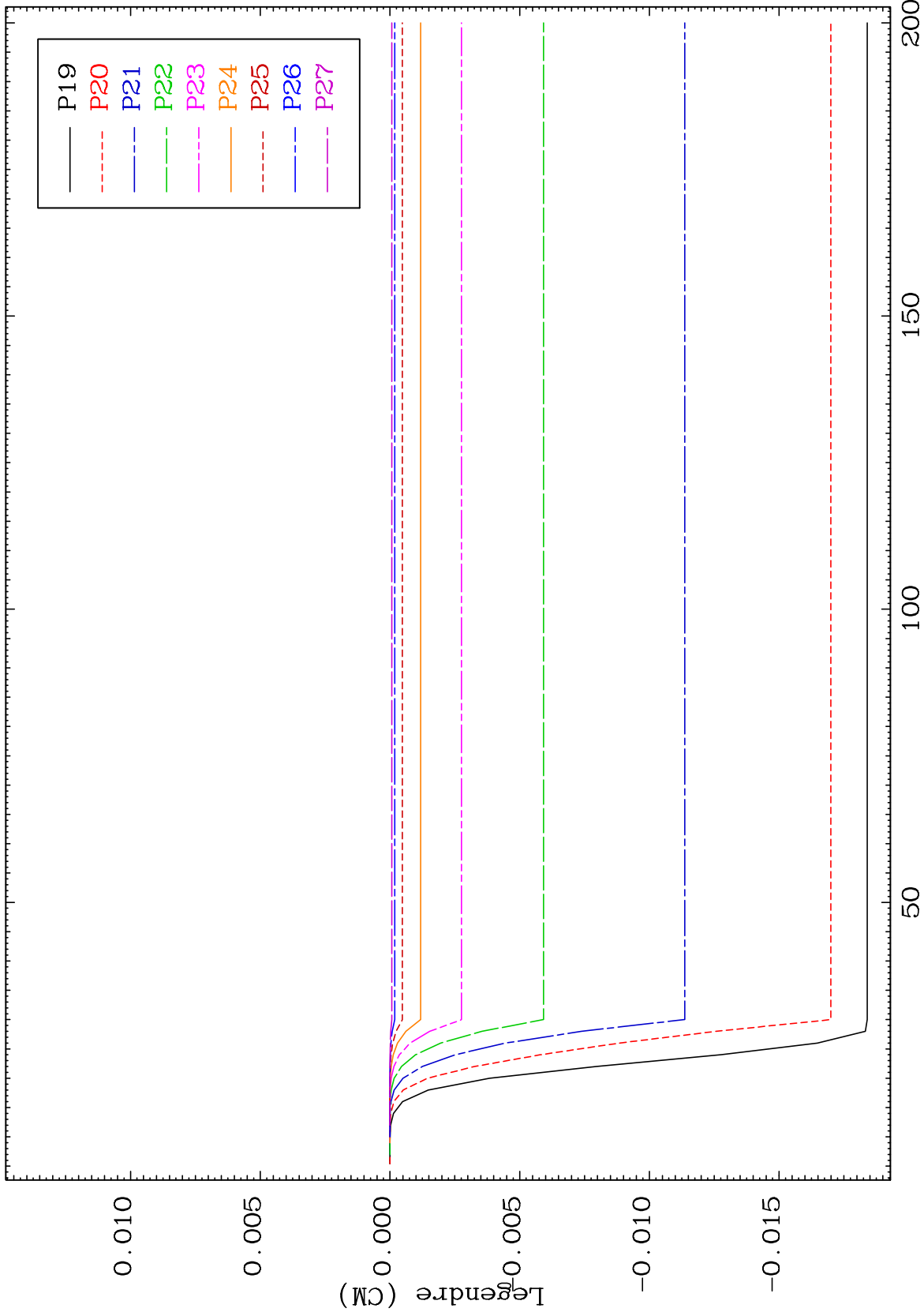
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



118

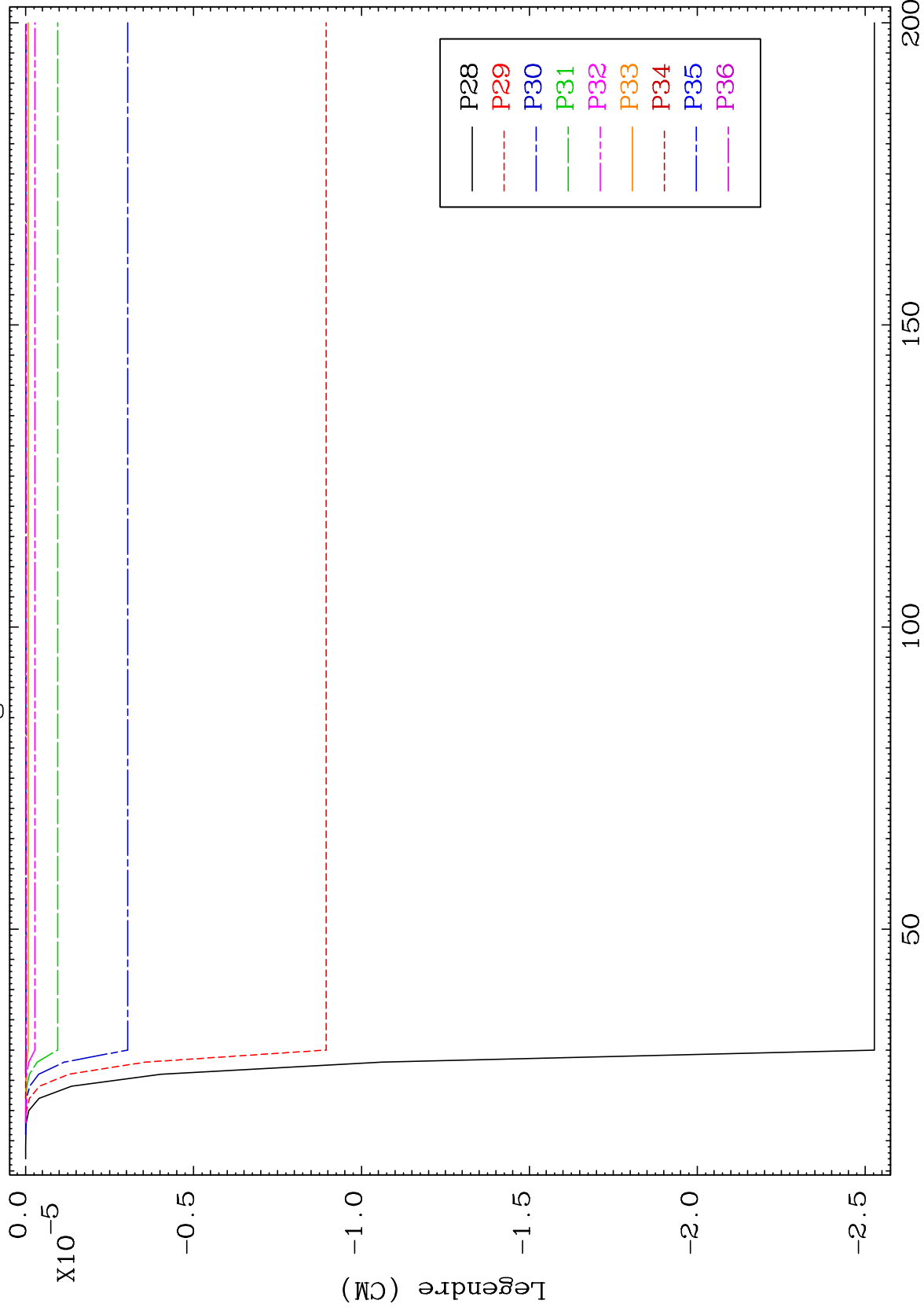
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



119

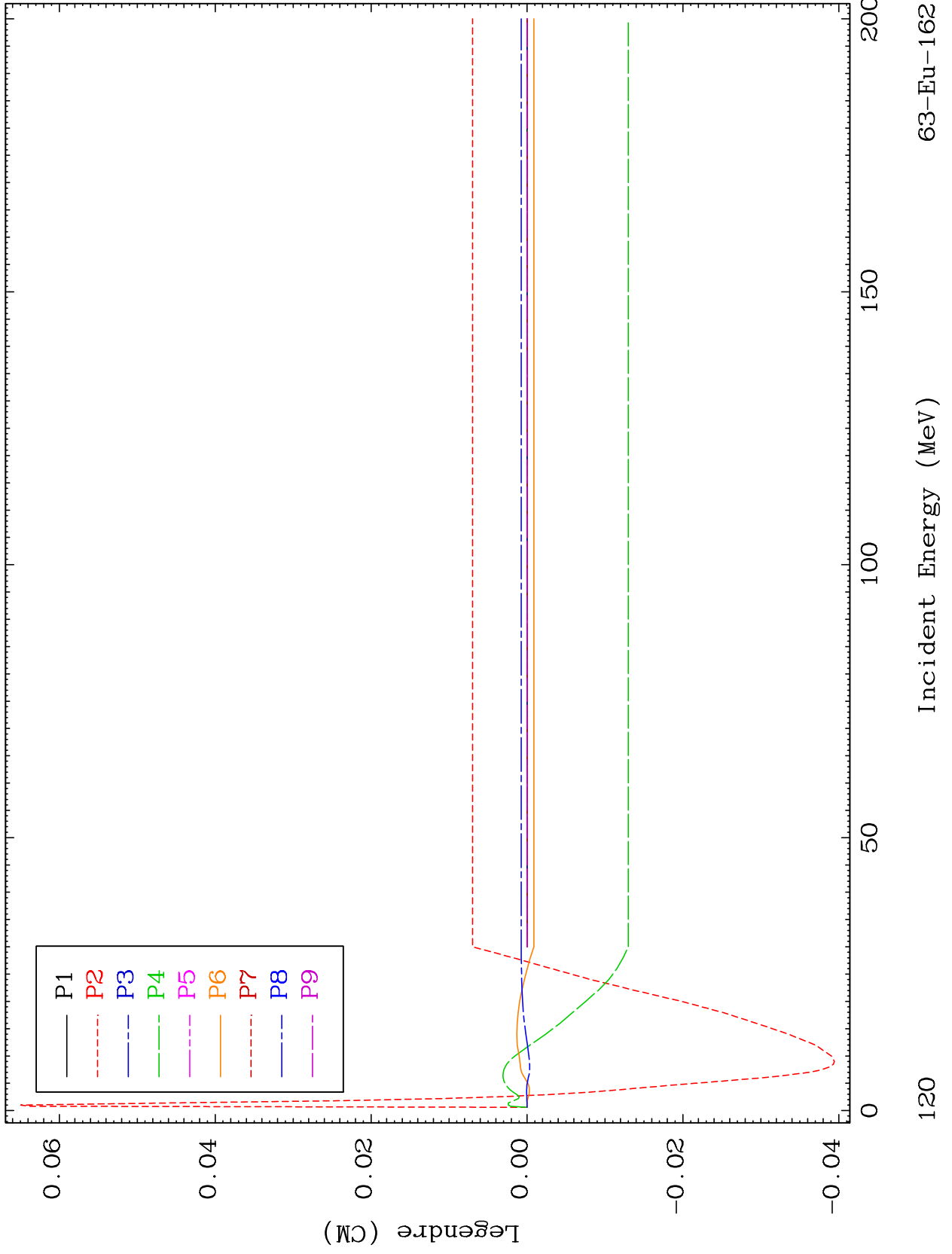
Incident Energy (MeV)

63-Eu-162

MAT 6358

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

63-Eu-162



63-Eu-162

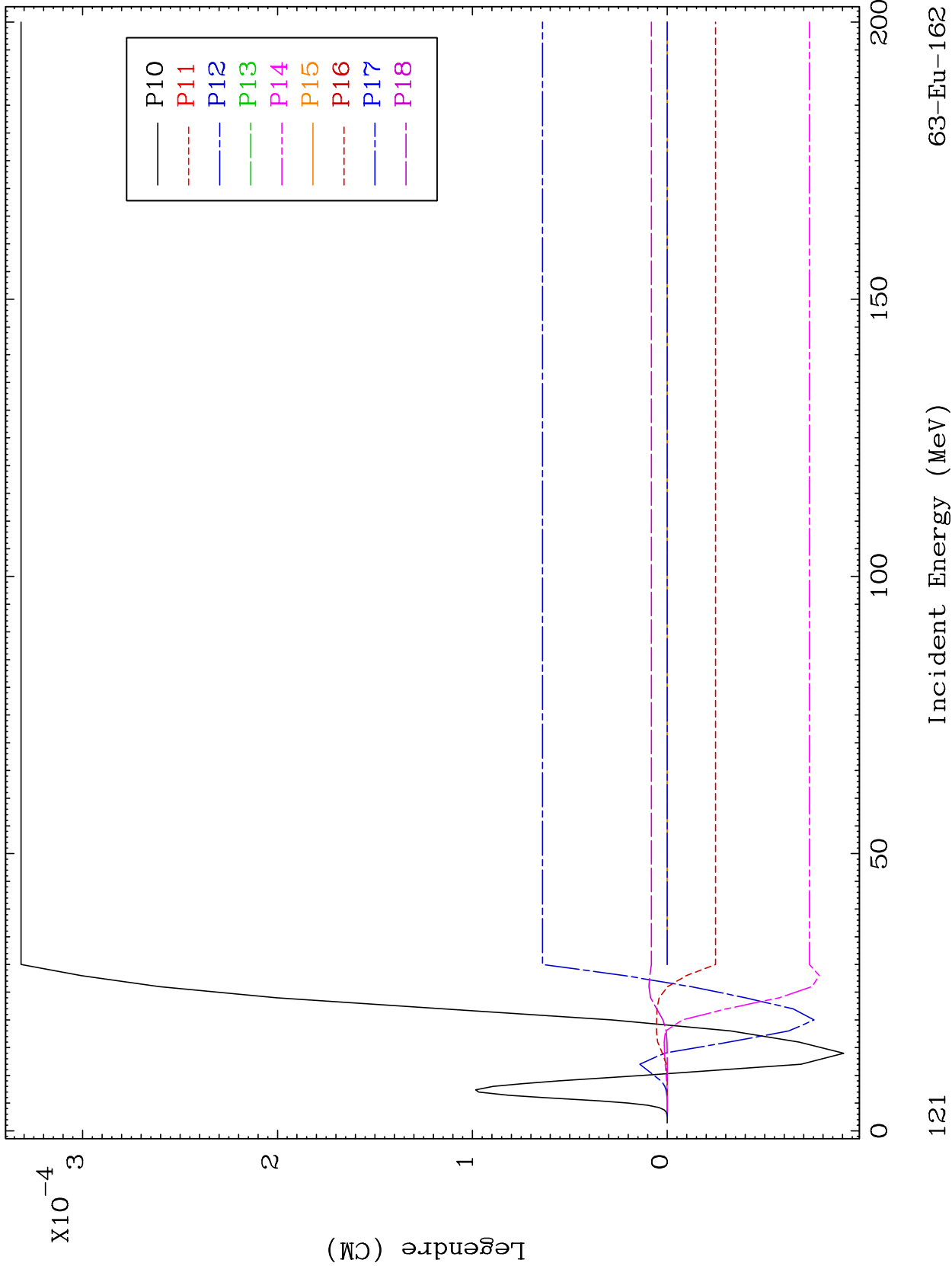
Incident Energy (MeV)

120

MAT 6358

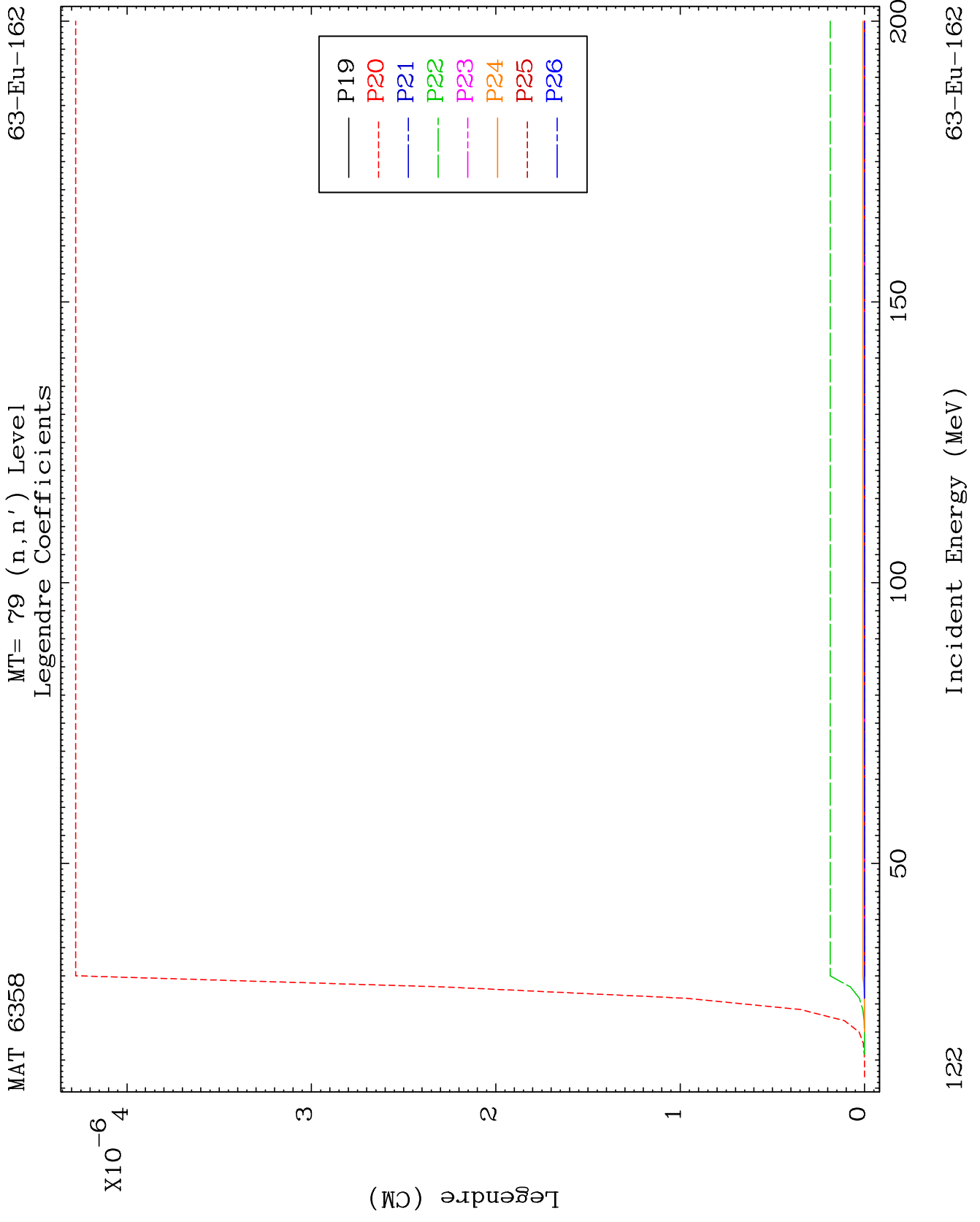
MT= 79 (n,n') Level  
Legendre Coefficients

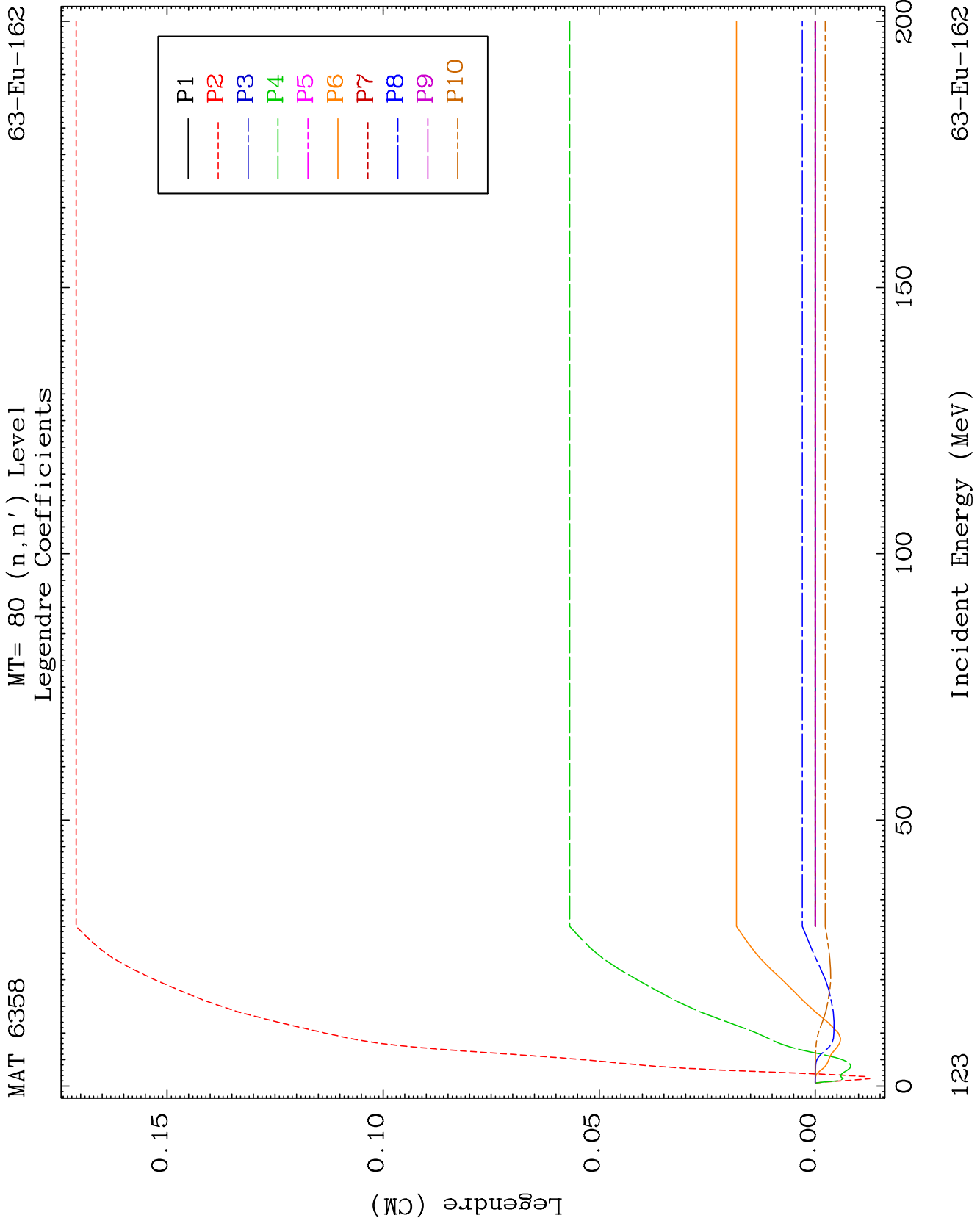
63-Eu-162



121

63-Eu-162





63-Eu-162

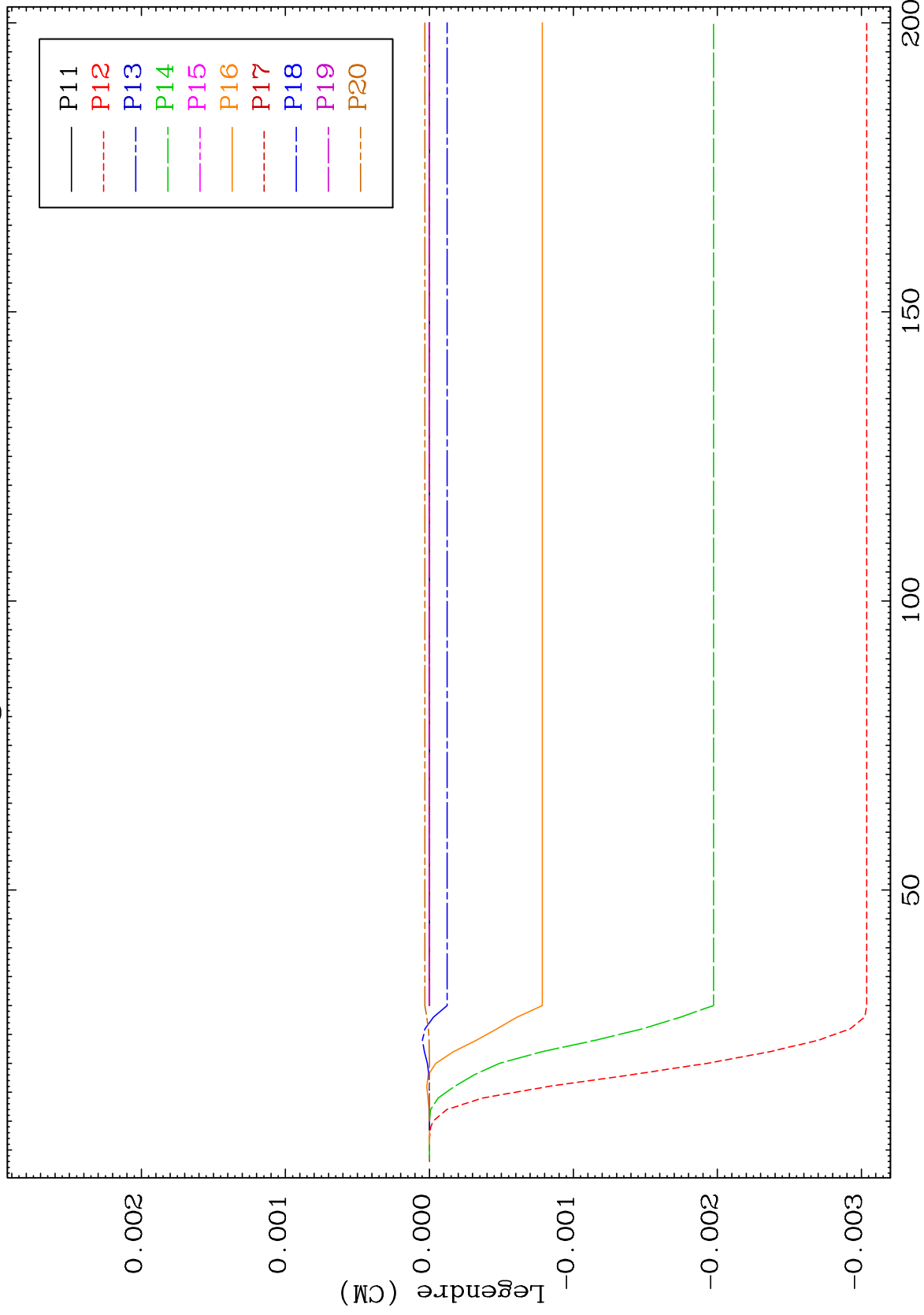
Incident Energy (MeV)

123

MAT 6358

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

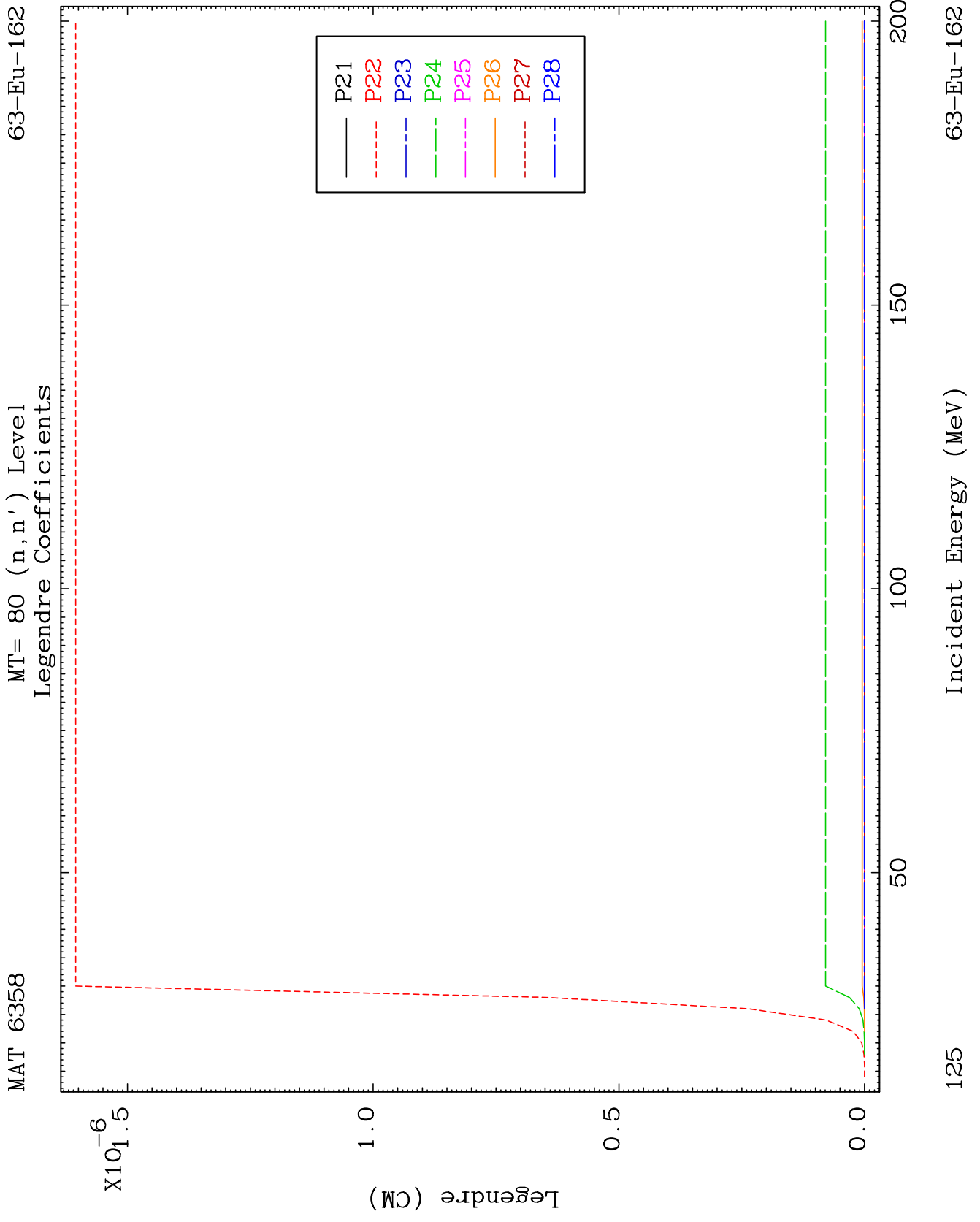
63-Eu-162



124

Incident Energy (MeV)

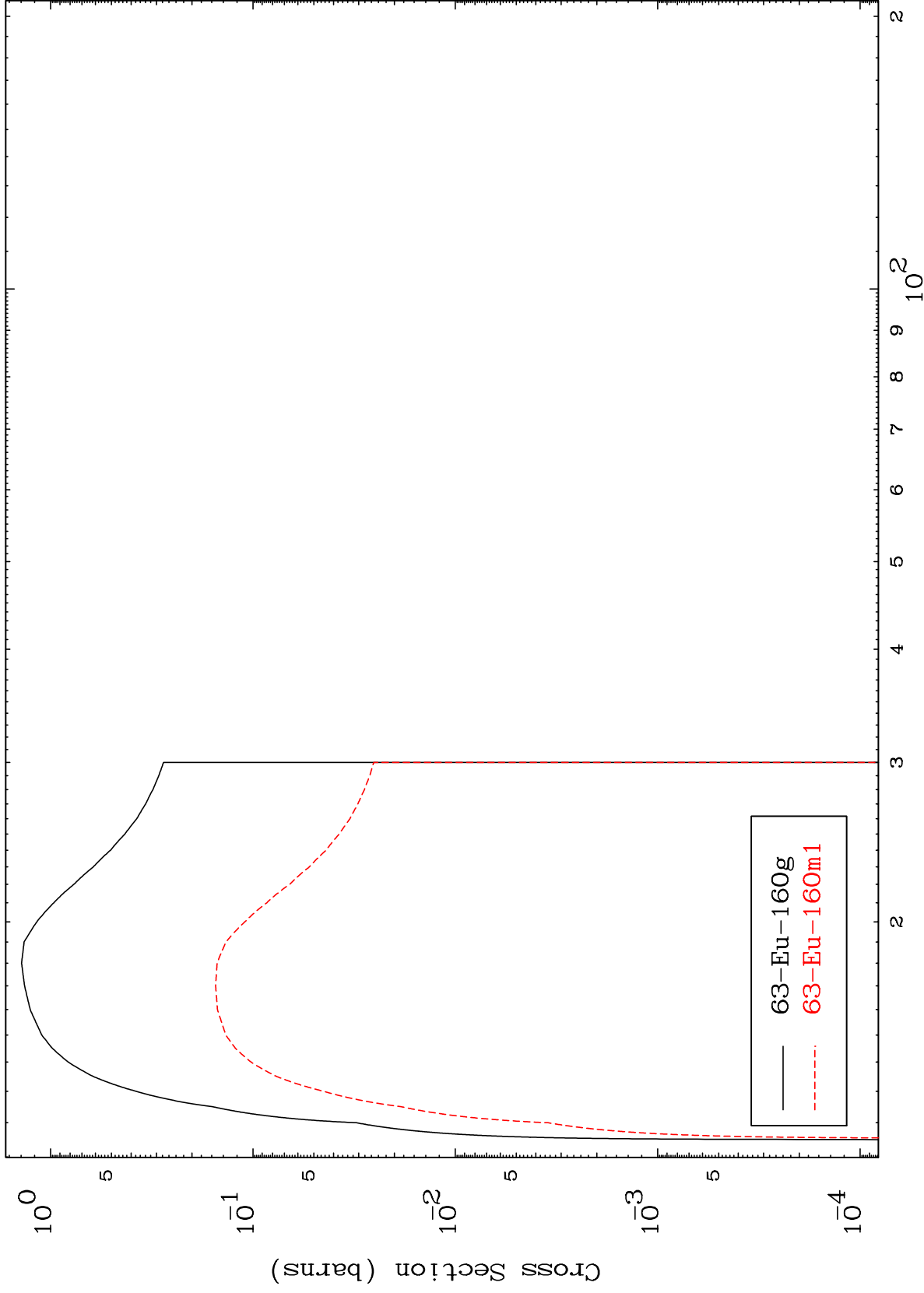
63-Eu-162



MAT 6358

63-Eu-162

(n,3n)  
Radionuclide Production Cross Section



63-Eu-162

Incident Energy (MeV)

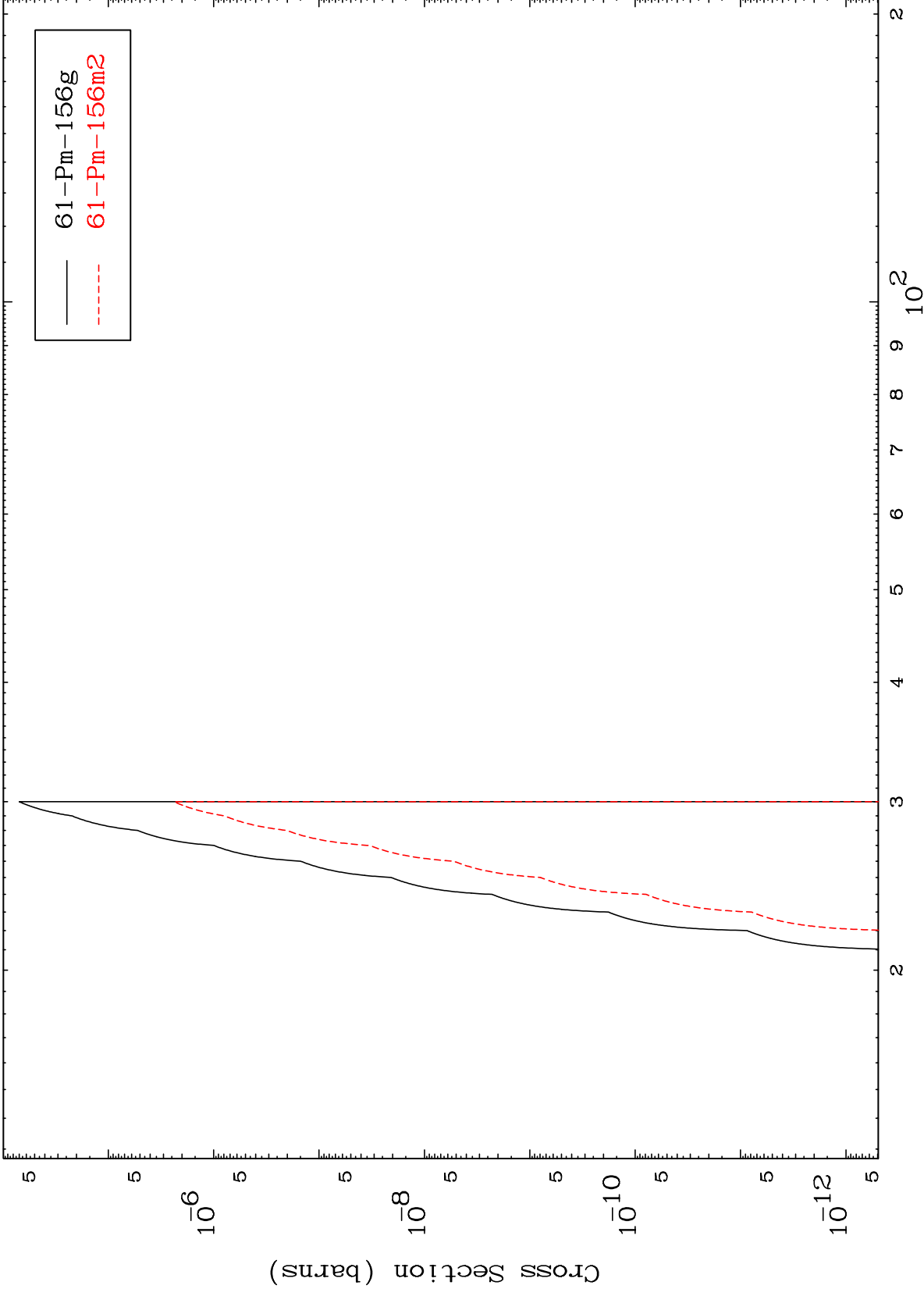
126

MAT 6358

(n,3n)  $\alpha$

63-Eu-162

Radionuclide Production Cross Section



127

Incident Energy (MeV)

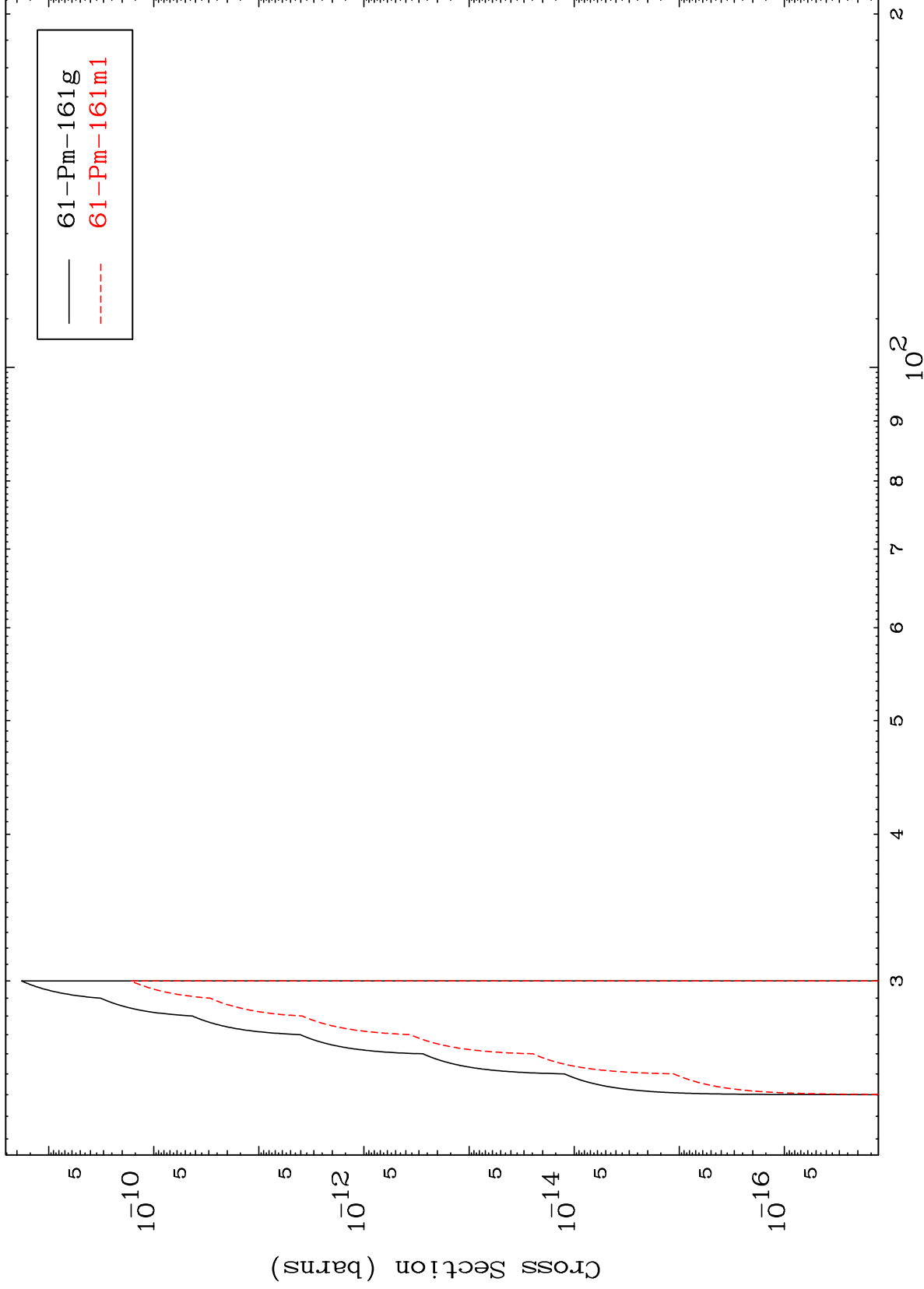
63-Eu-162

MAT 6358

(n,2p)

63-Eu-162

Radionuclide Production Cross Section



128

Incident Energy (MeV)

63-Eu-162