

Program EVALPLOT  
(Version 2017-1)

by

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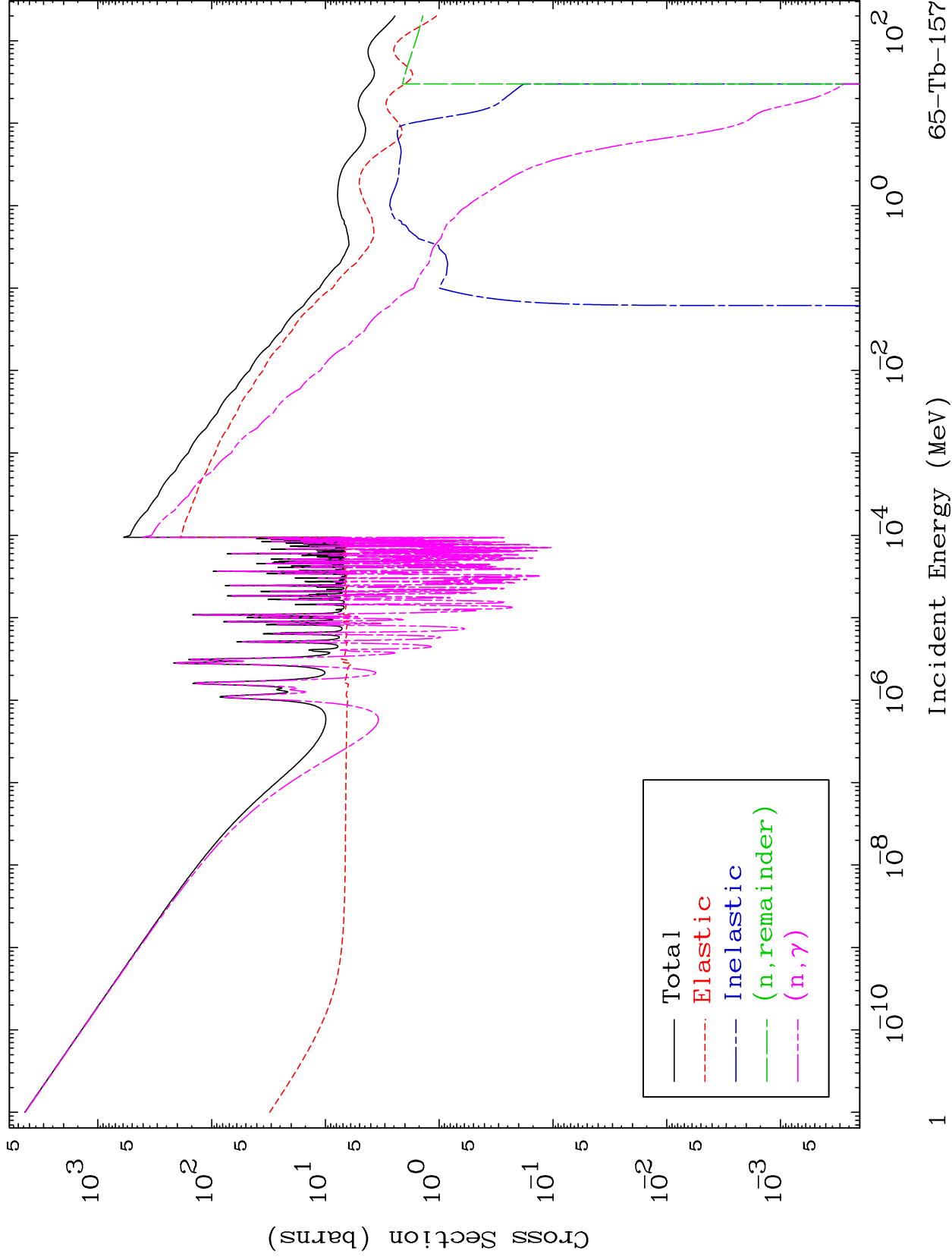
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Press Mouse Button to Start

MAT 6519

Major  
293 Kelvin Cross Sections

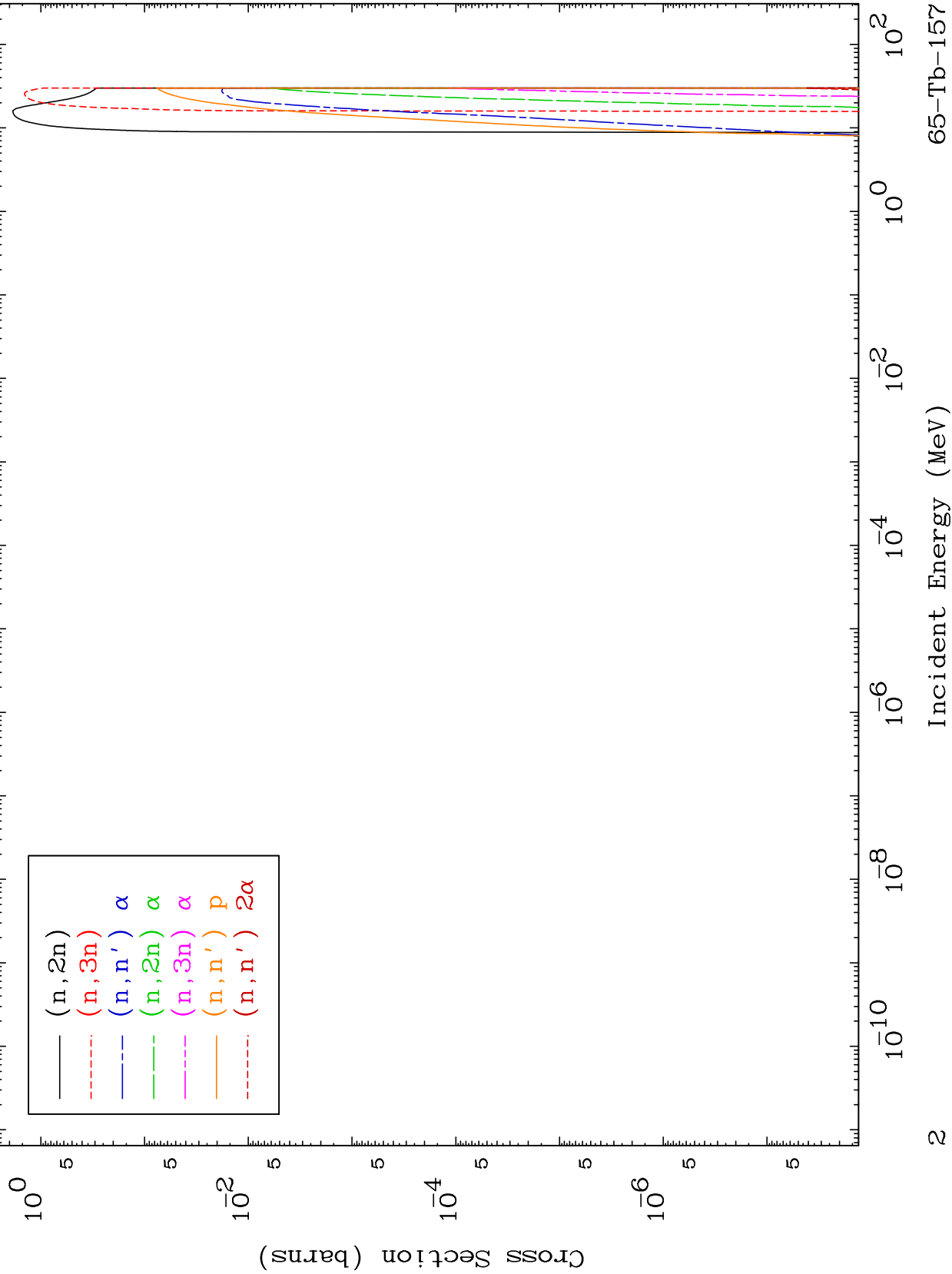
65-Tb-157

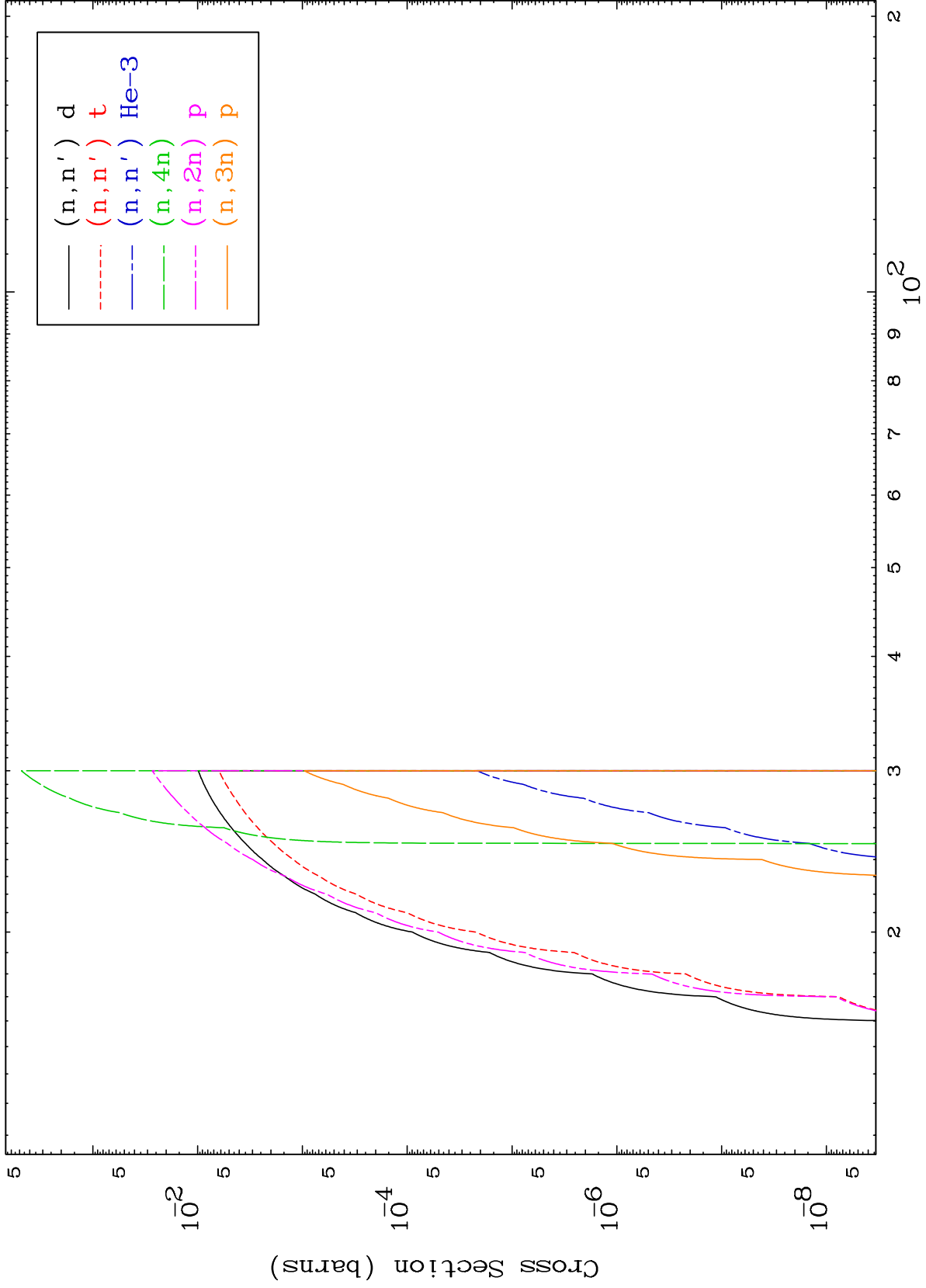


MAT 6519

Neutron Production  
293 Kelvin Cross Sections

65-Tb-157

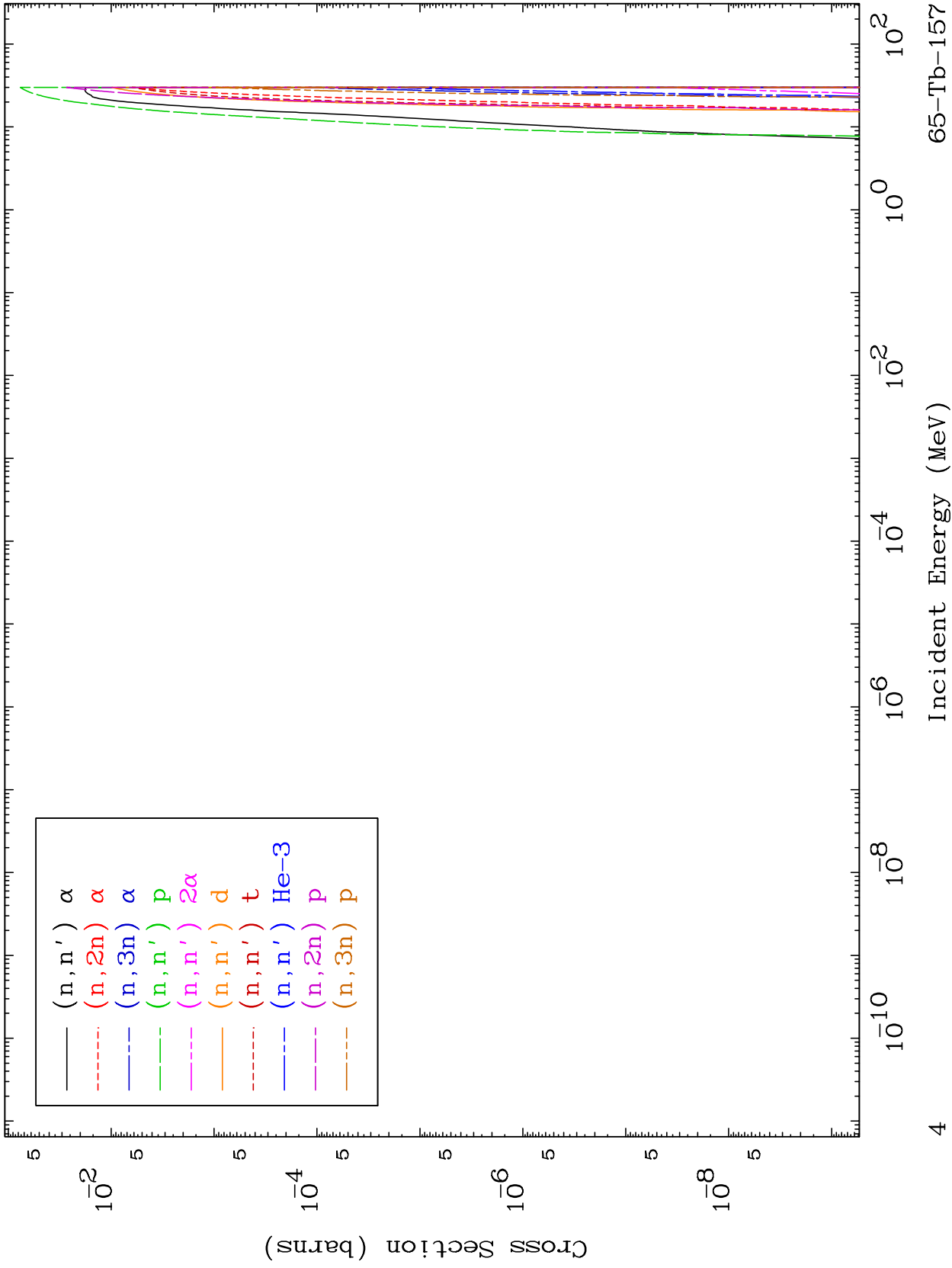




MAT 6519

Charged Particle  
293 Kelvin Cross Sections

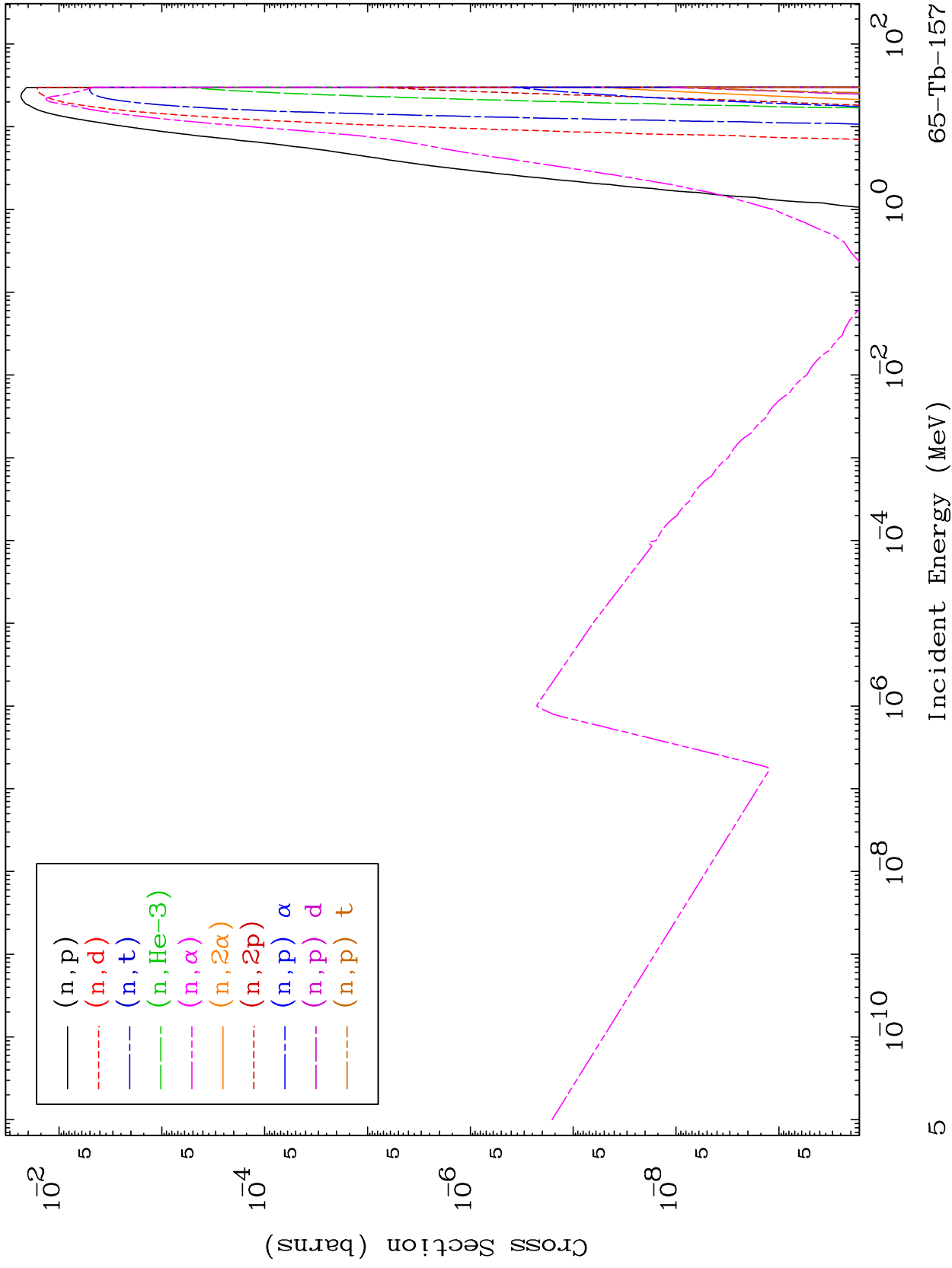
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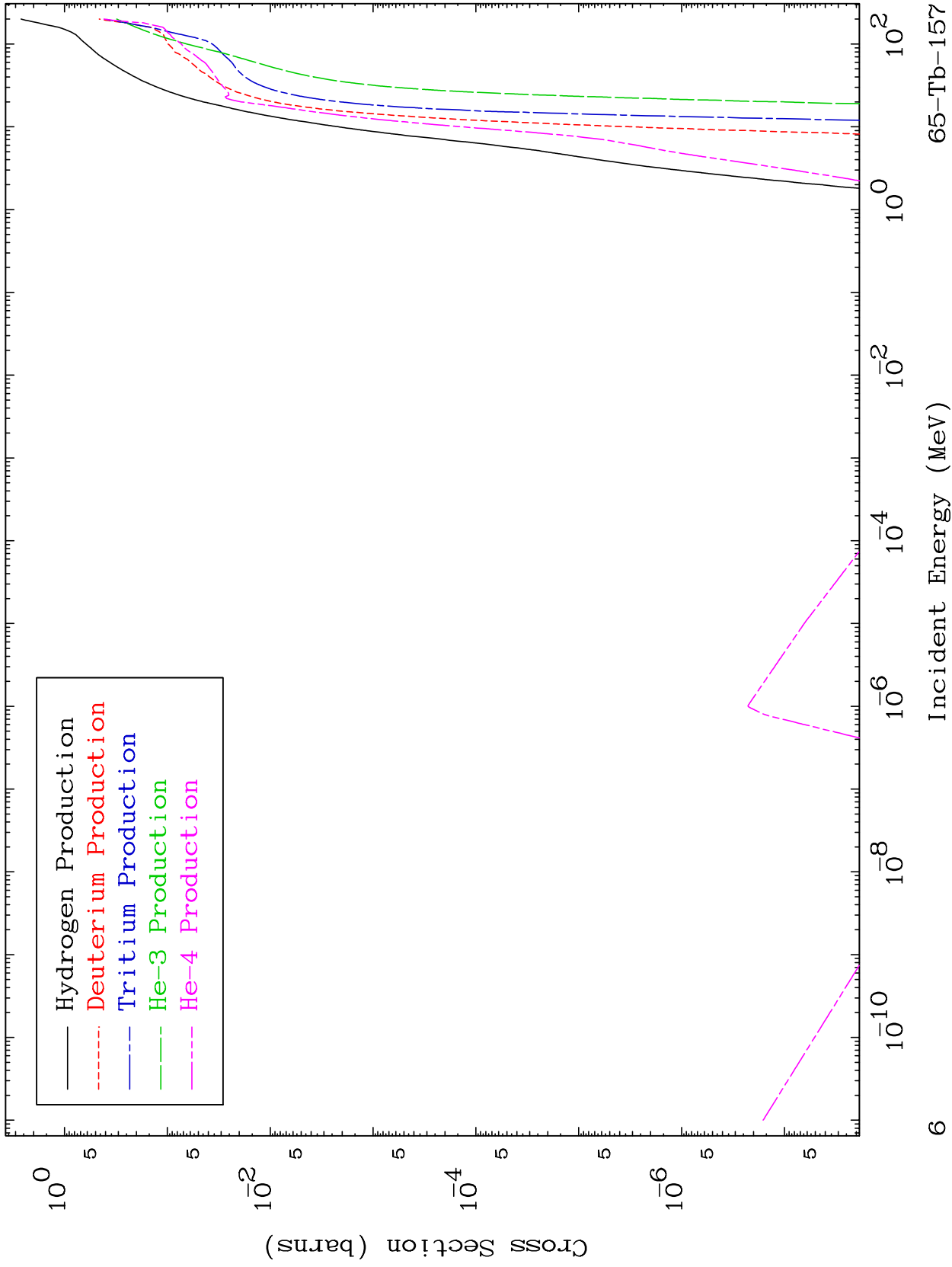


MAT 6519

Charged Particle  
293 Kelvin Cross Sections

65-Tb-157



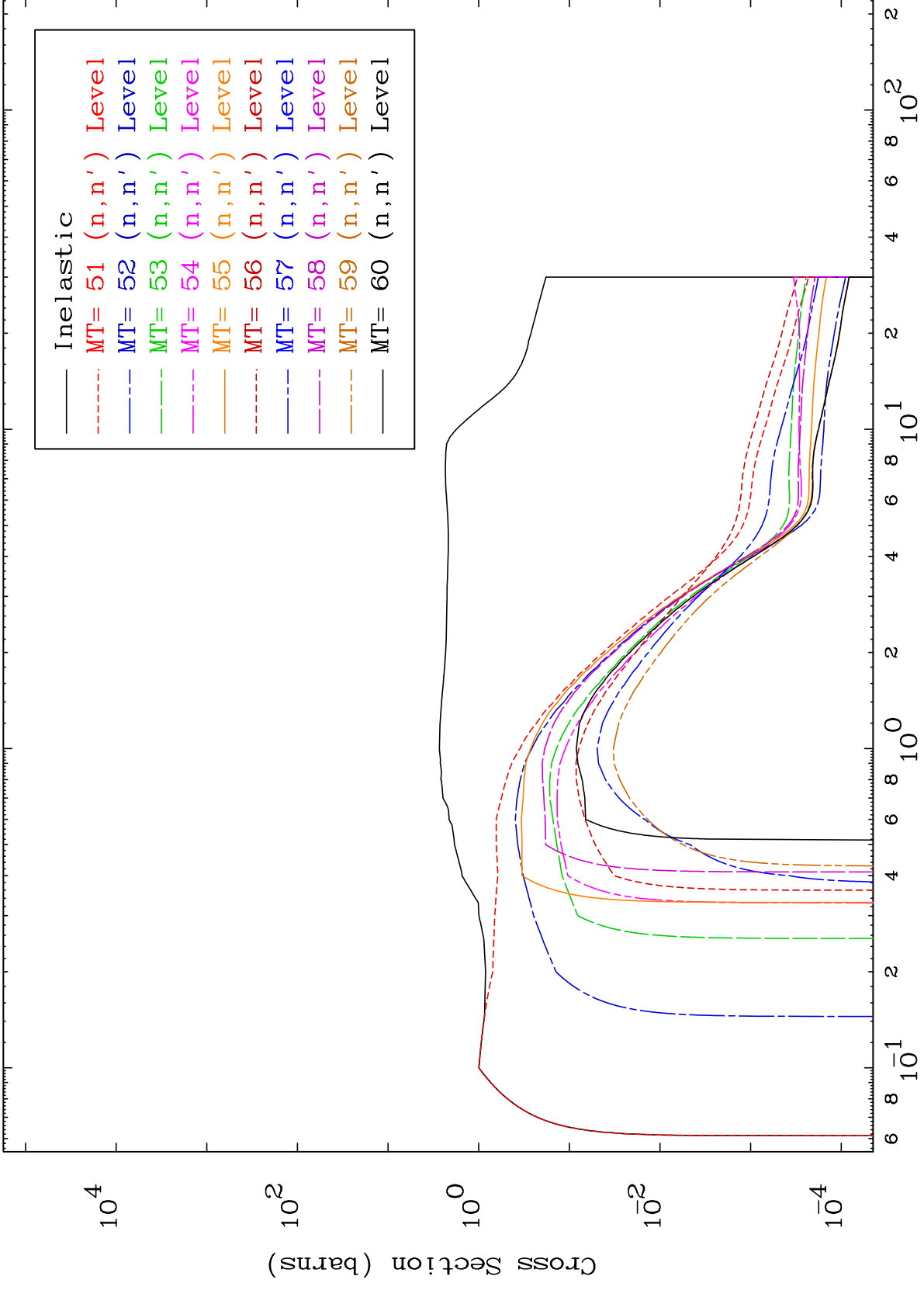


MAT 6519

(n,n') Level

65-Tb-157

293 Kelvin Cross Sections



Incident Energy (MeV)

65-Tb-157

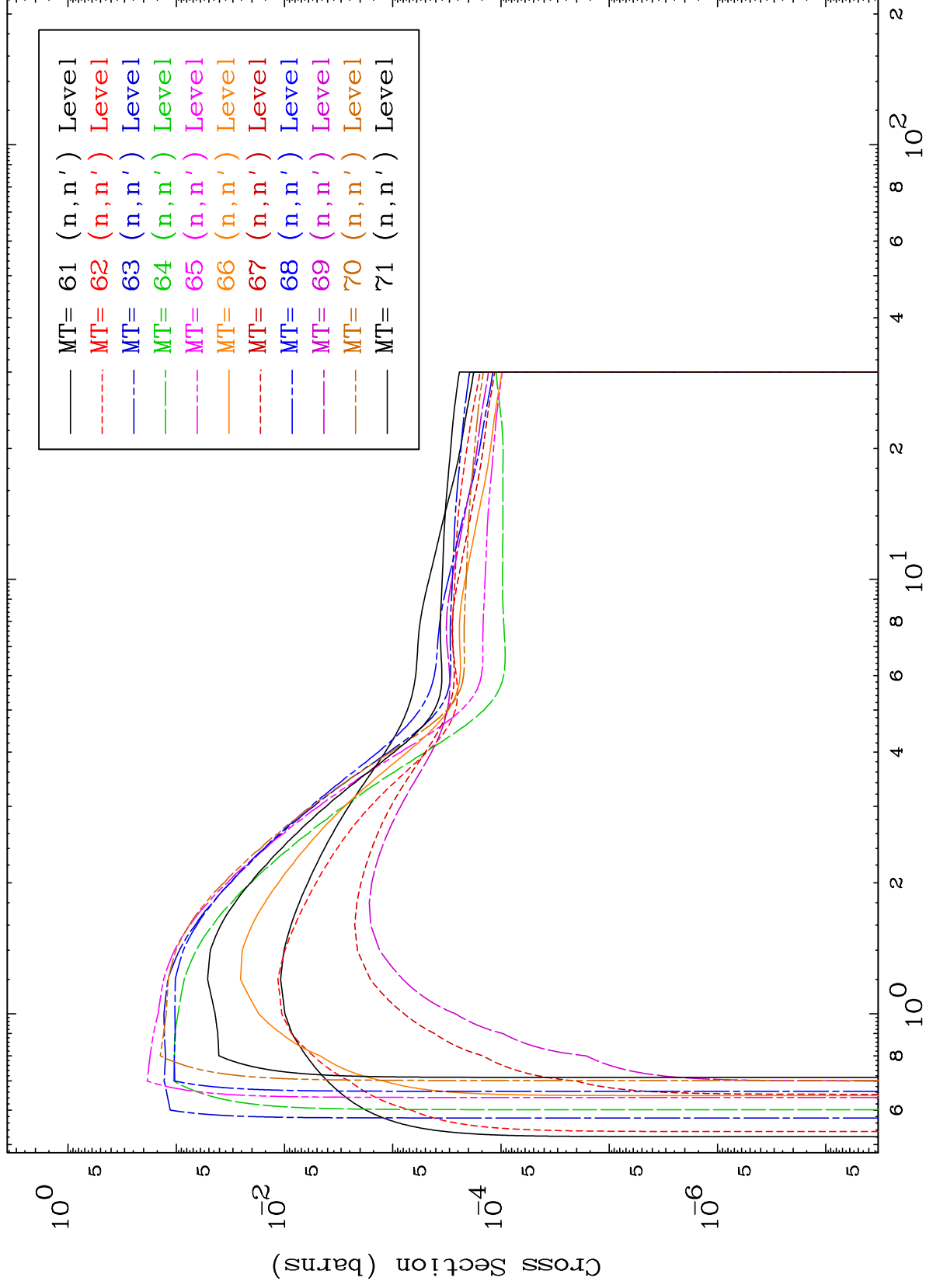


MAT 6519

(n,n') Level

293 Kelvin Cross Sections

65-Tb-157



8

Incident Energy (MeV)

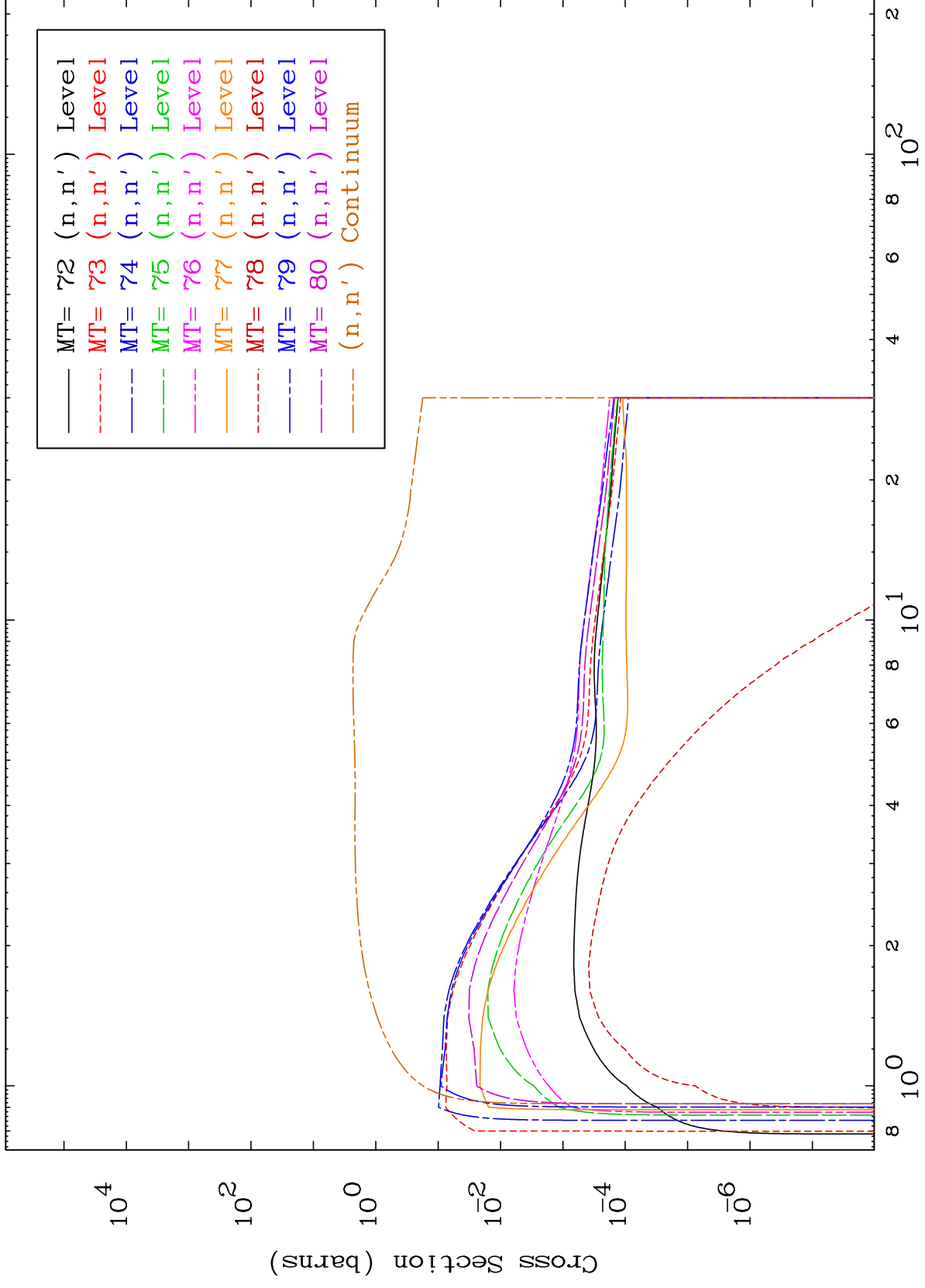
65-Tb-157

MAT 6519

(n,n') Level

65-Tb-157

293 Kelvin Cross Sections



9

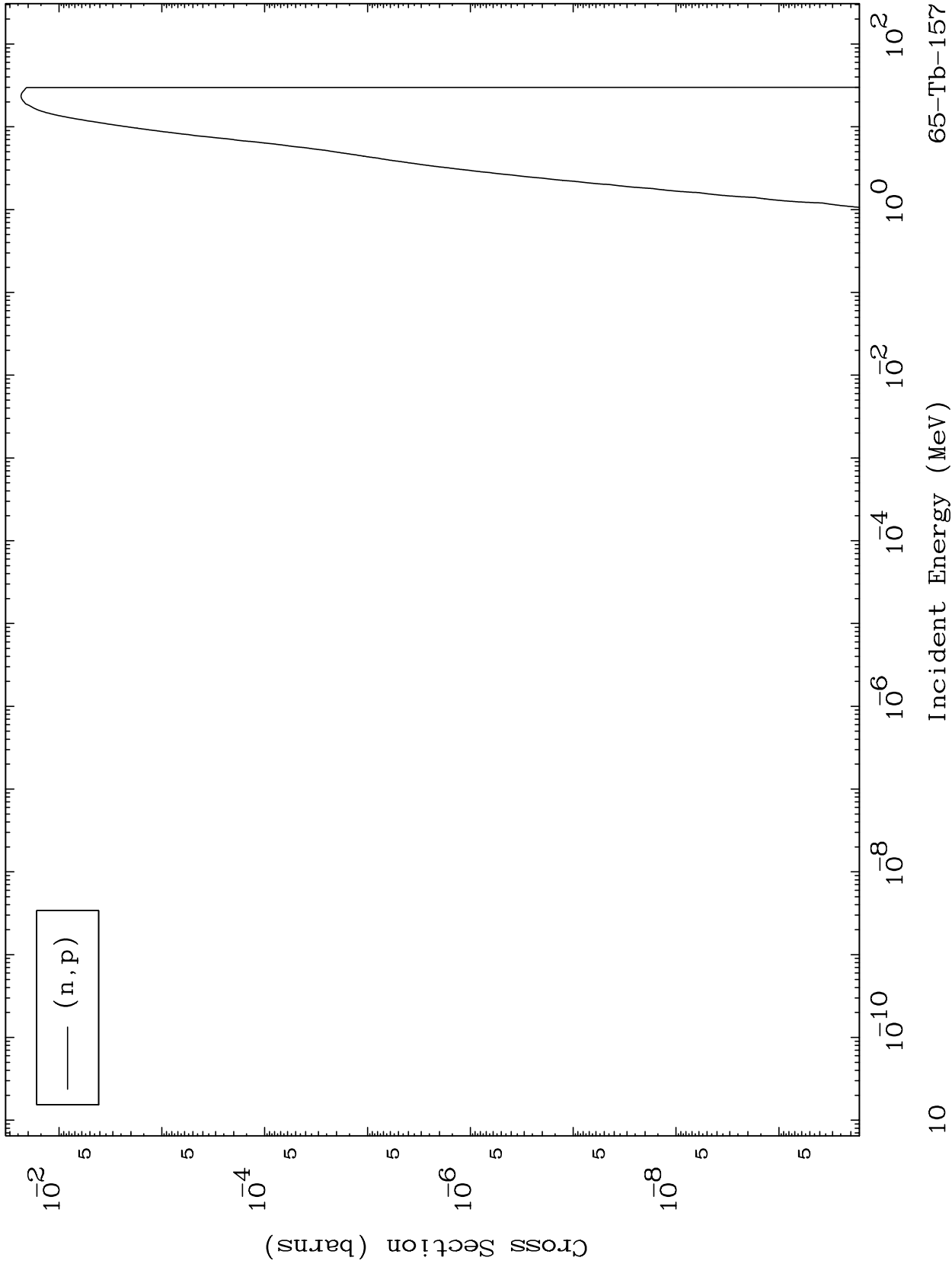
Incident Energy (MeV)

65-Tb-157

MAT 6519

(n,p) Levels  
293 Kelvin Cross Sections

65-Tb-157



10

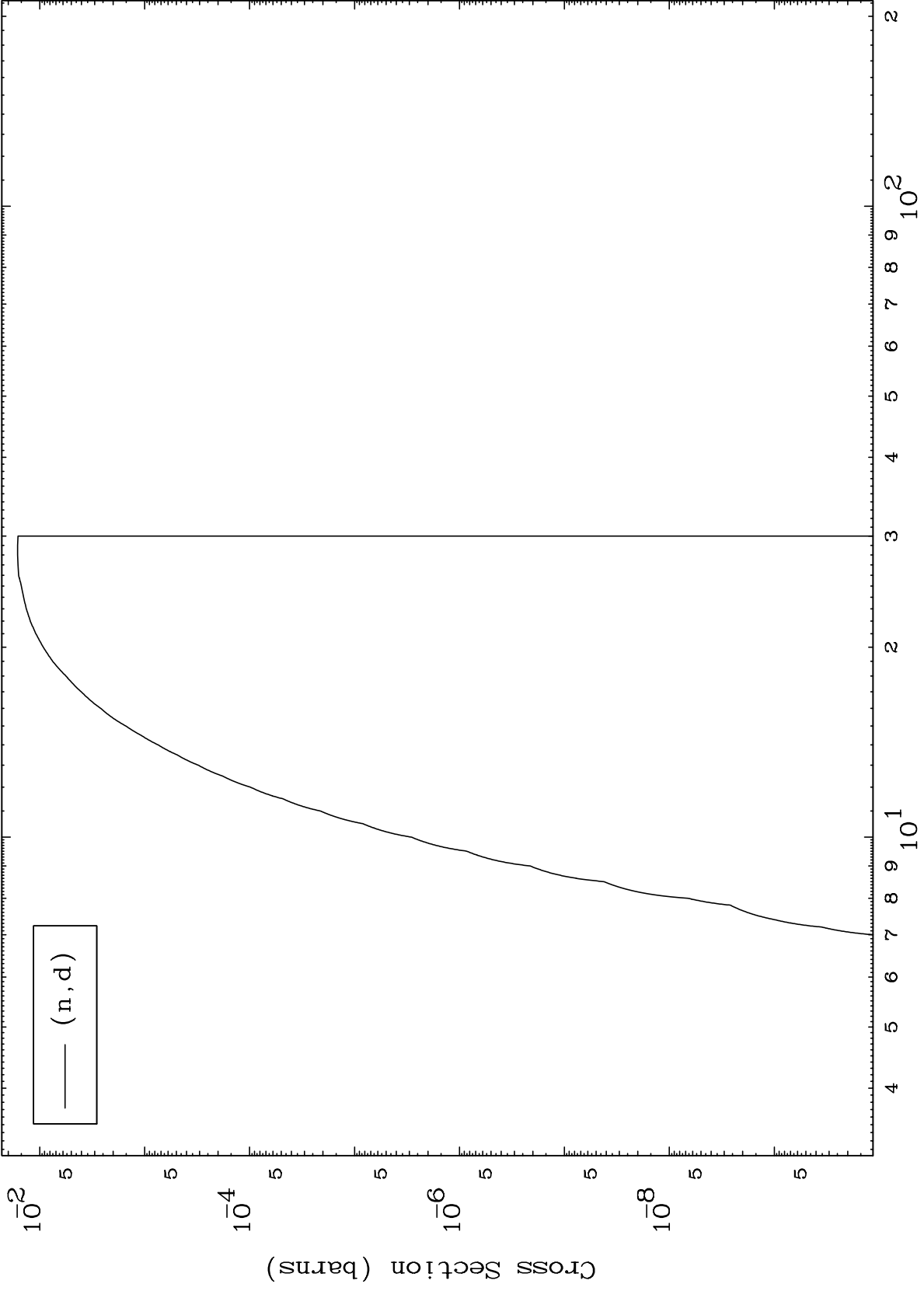
Incident Energy (MeV)

65-Tb-157

MAT 6519

(n,d) Levels  
293 Kelvin Cross Sections

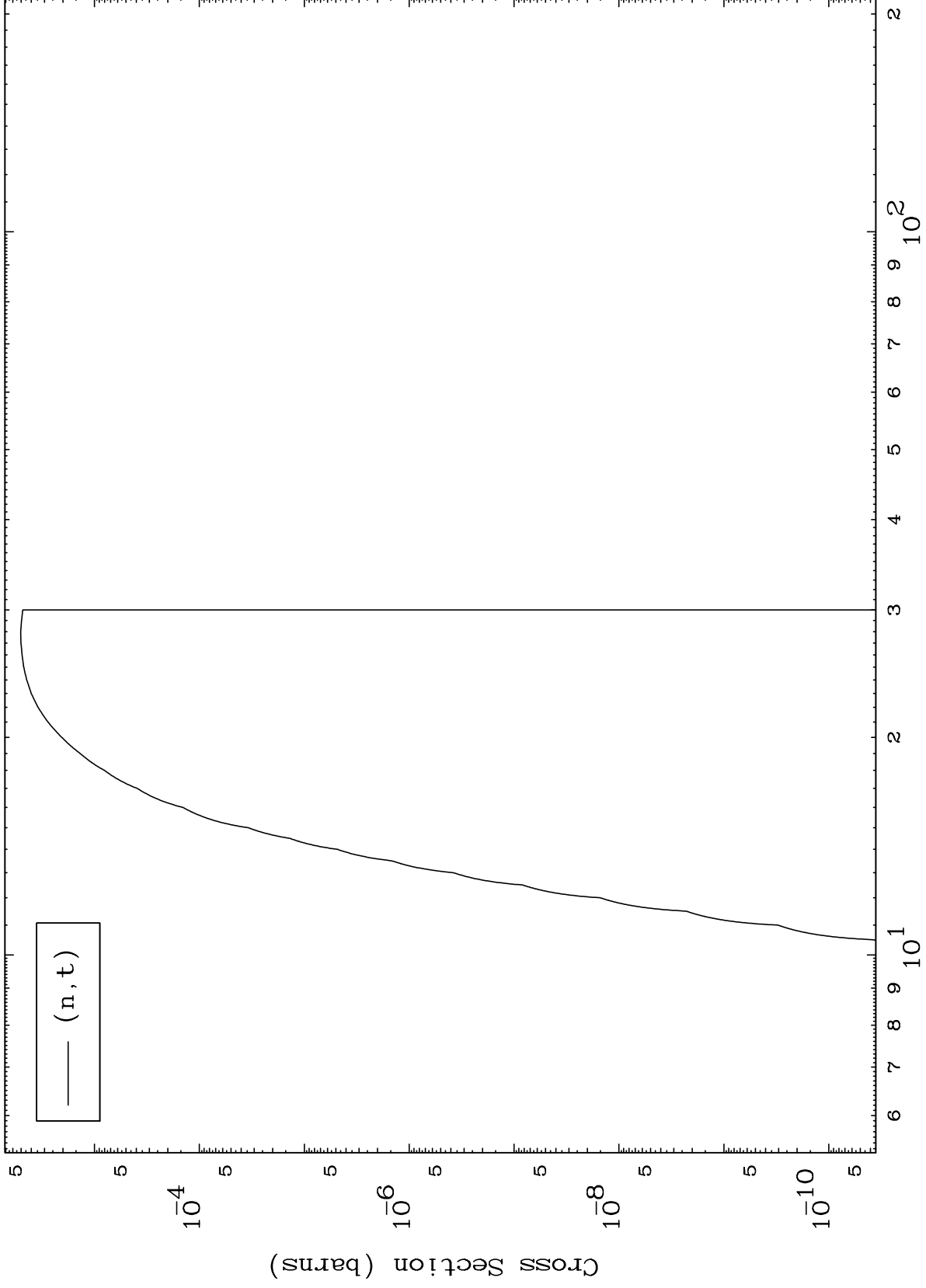
65-Tb-157



MAT 6519

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-157



12

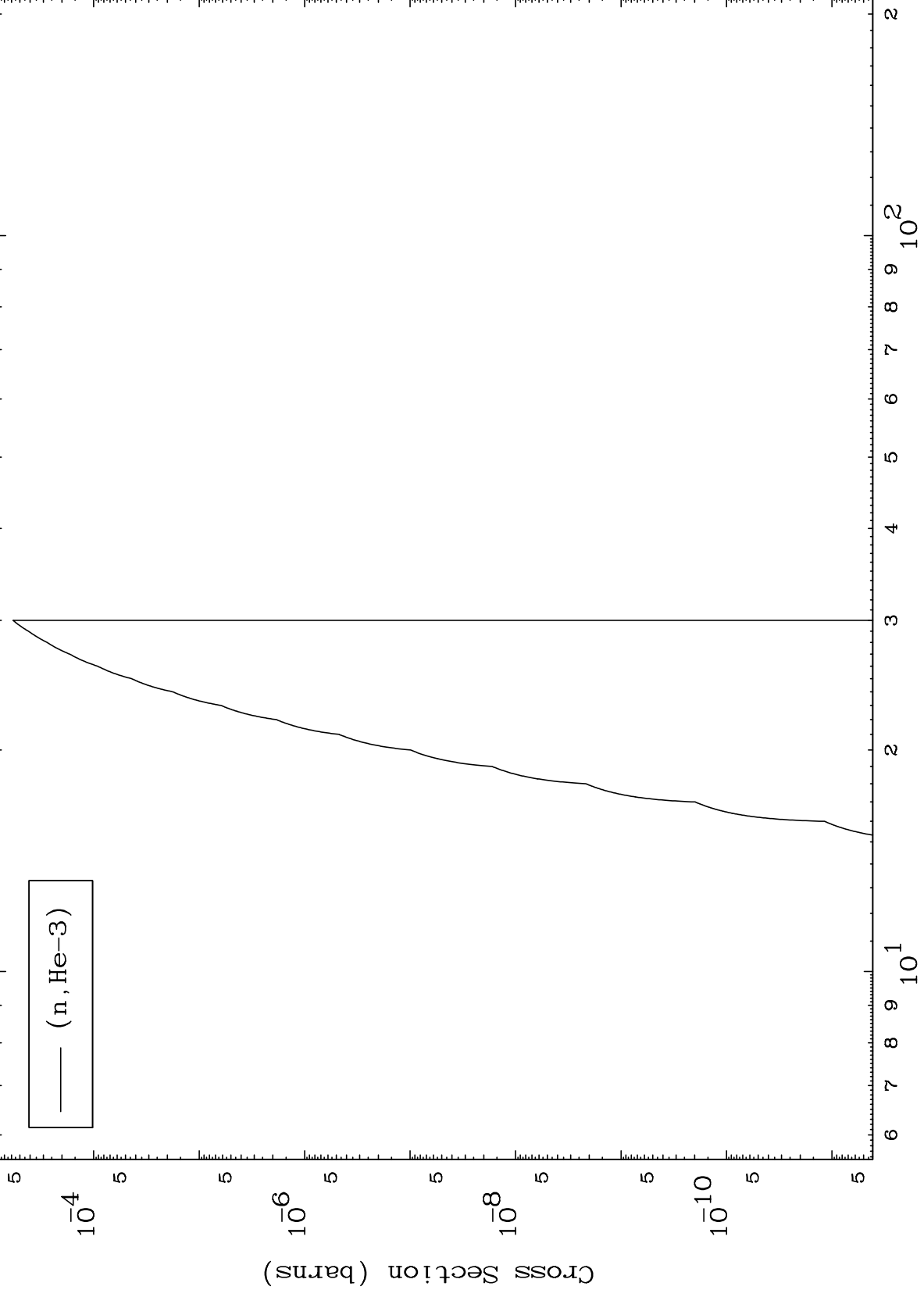
Incident Energy (MeV)

65-Tb-157

MAT 6519

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-157



13

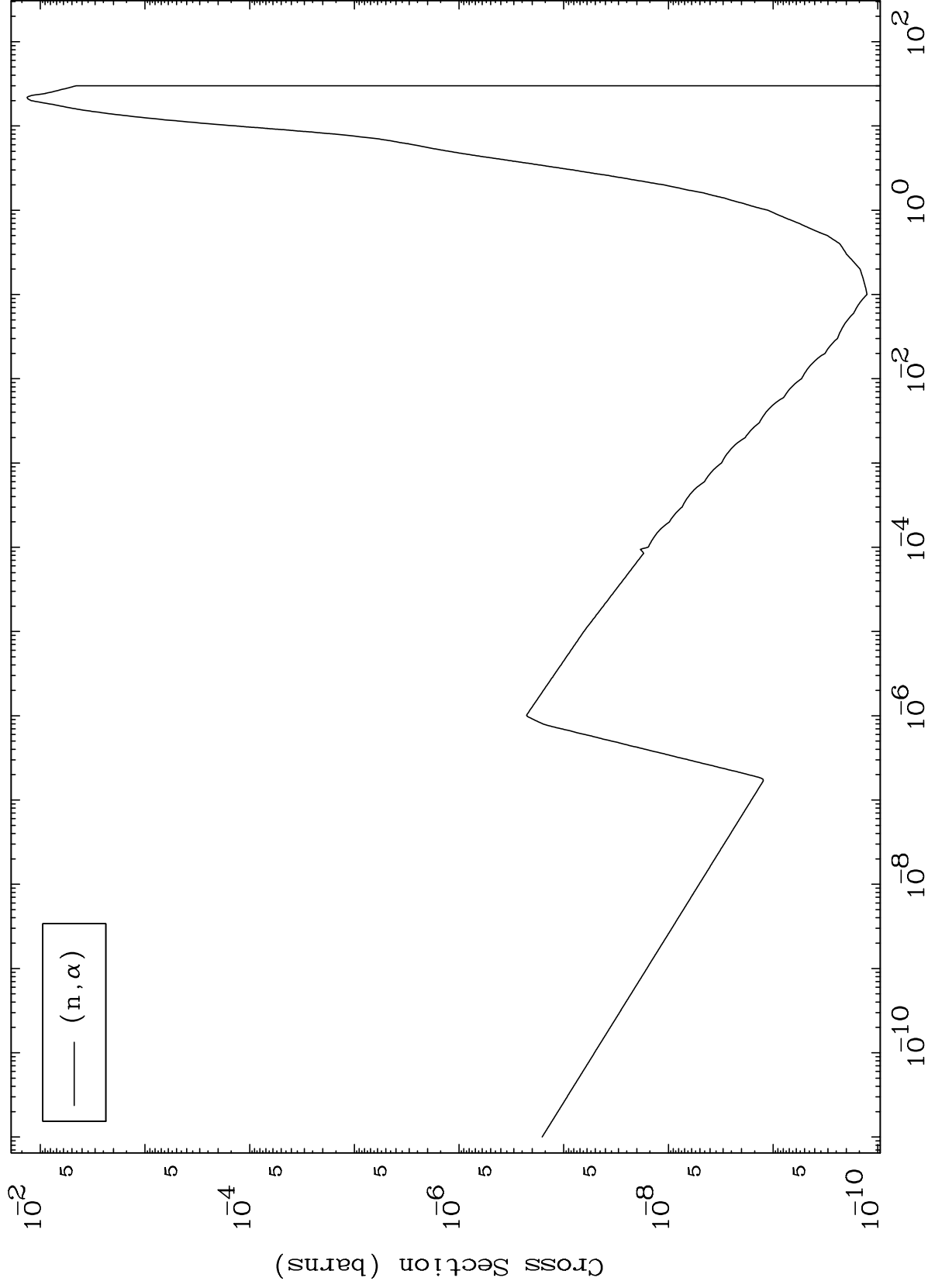
Incident Energy (MeV)

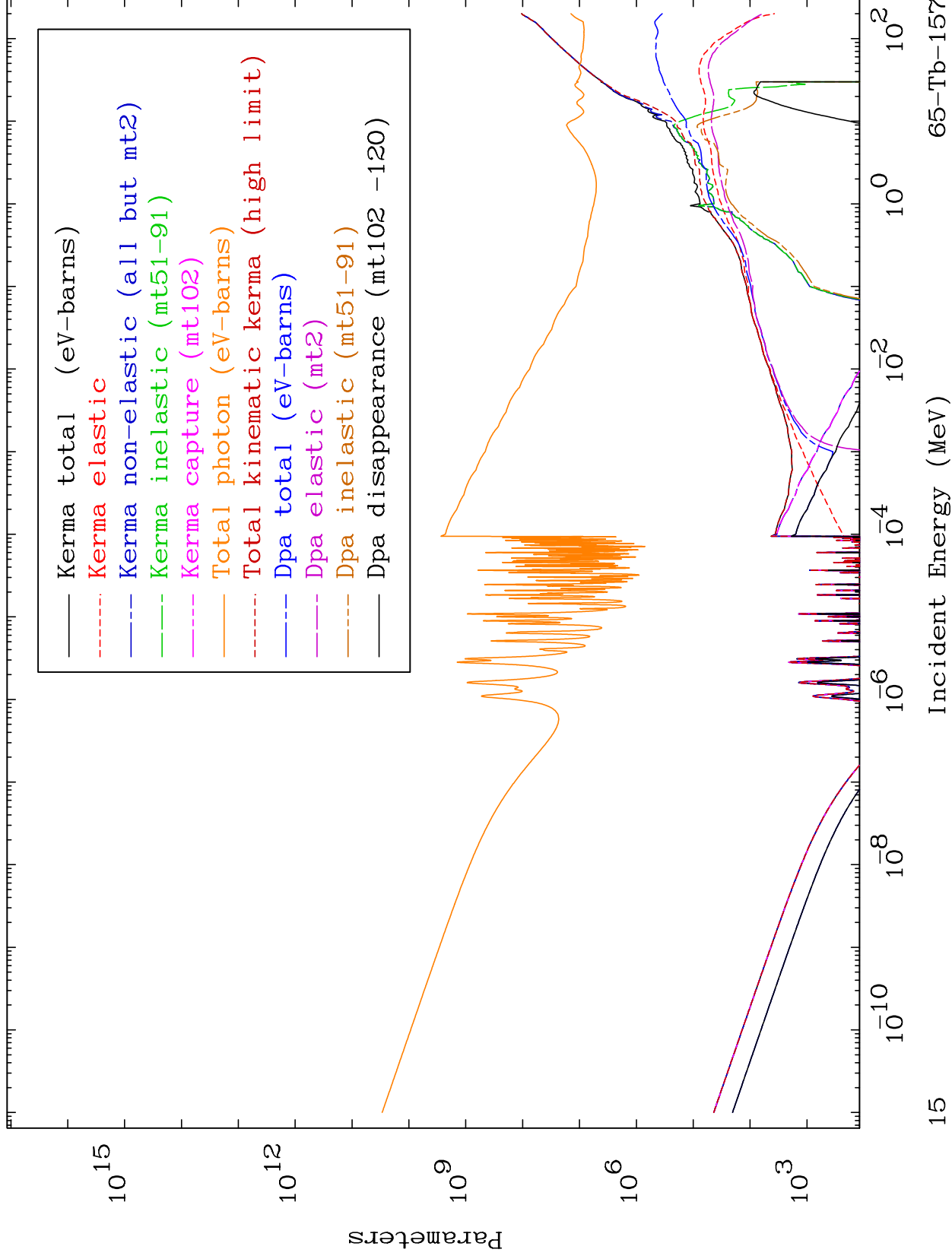
65-Tb-157

MAT 6519

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

65-Tb-157



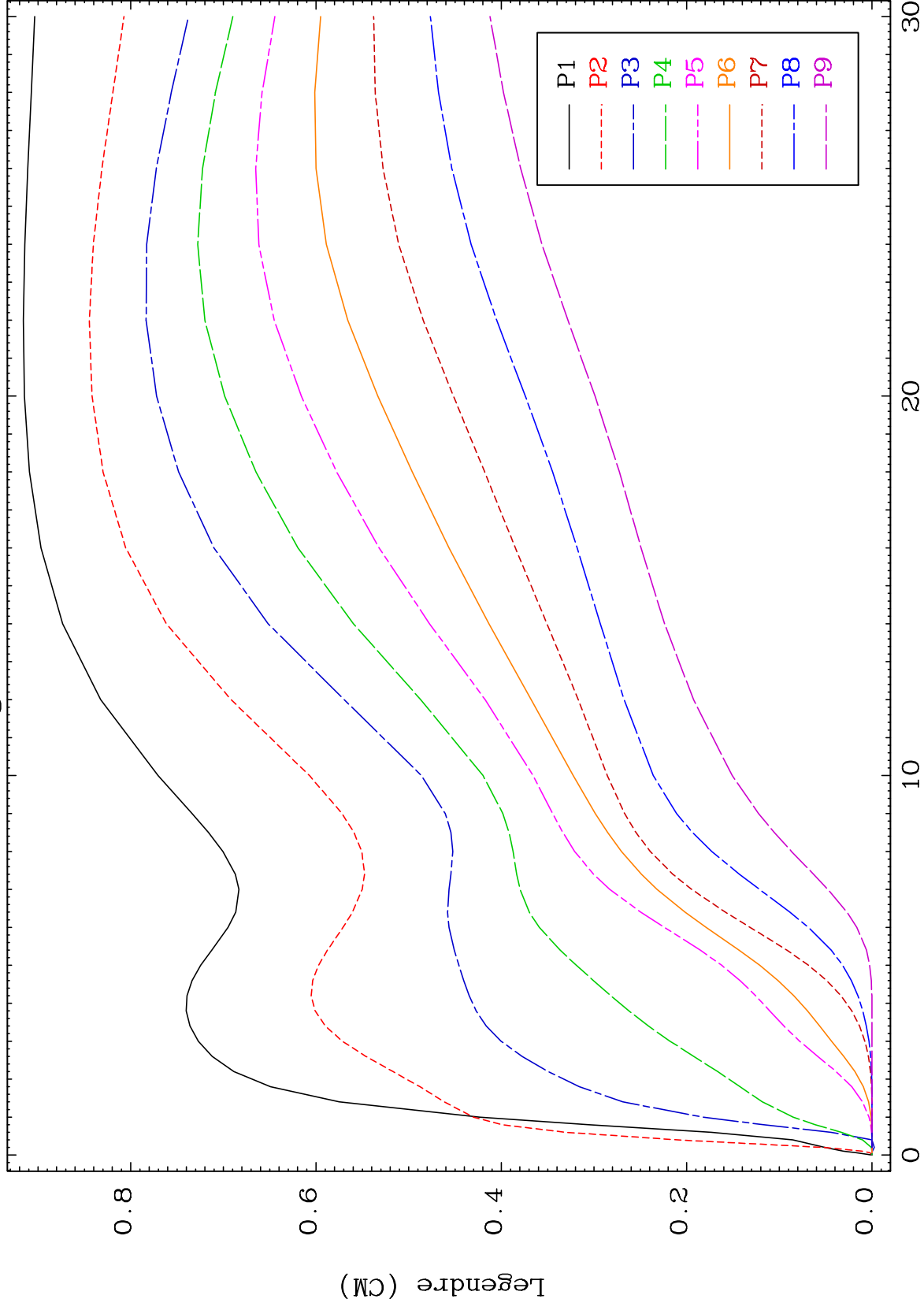




MAT 6519

Elastic Legendre Coefficients

65-Tb-157



16

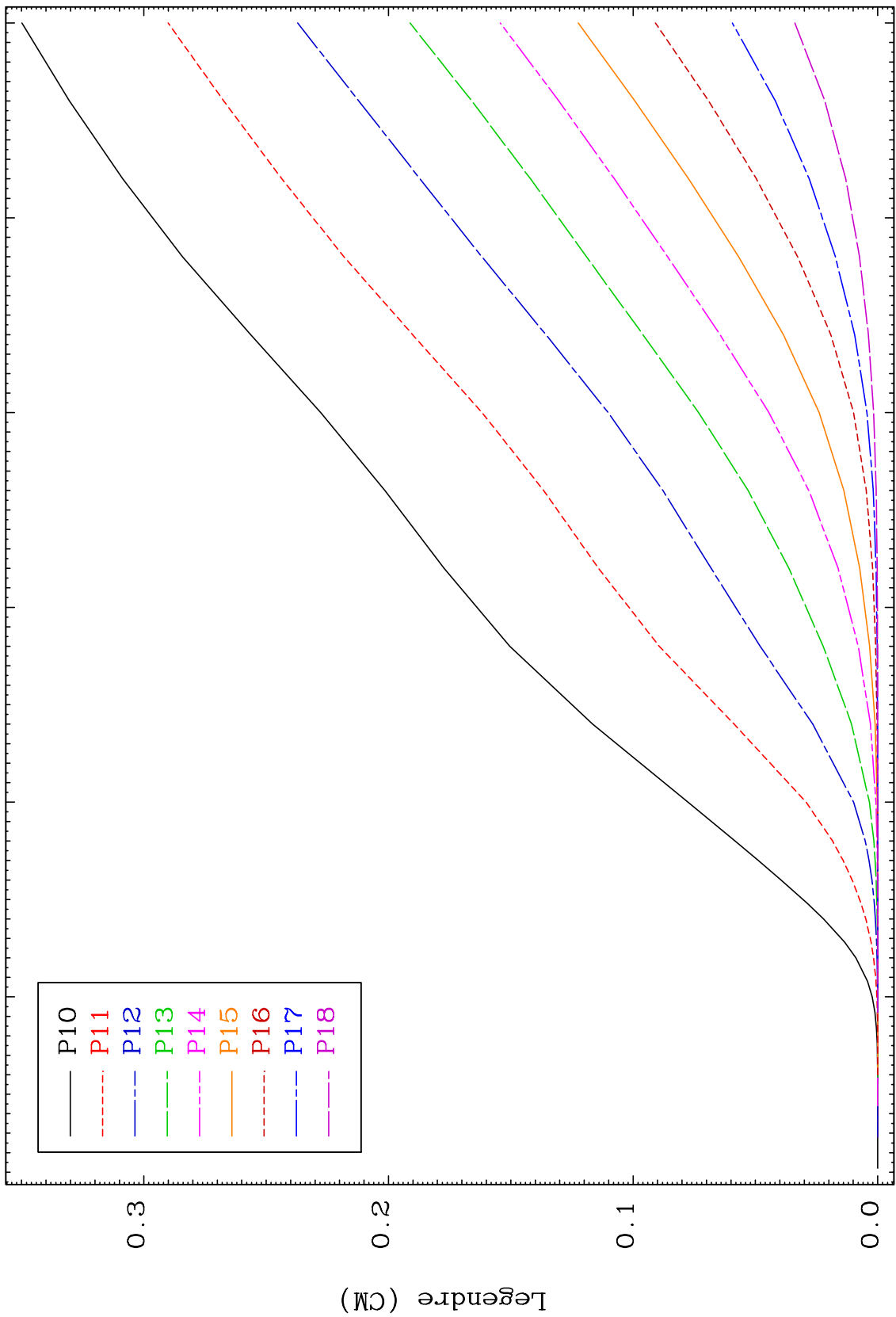
Incident Energy (MeV)

65-Tb-157

MAT 6519

Elastic Legendre Coefficients

65-Tb-157



17

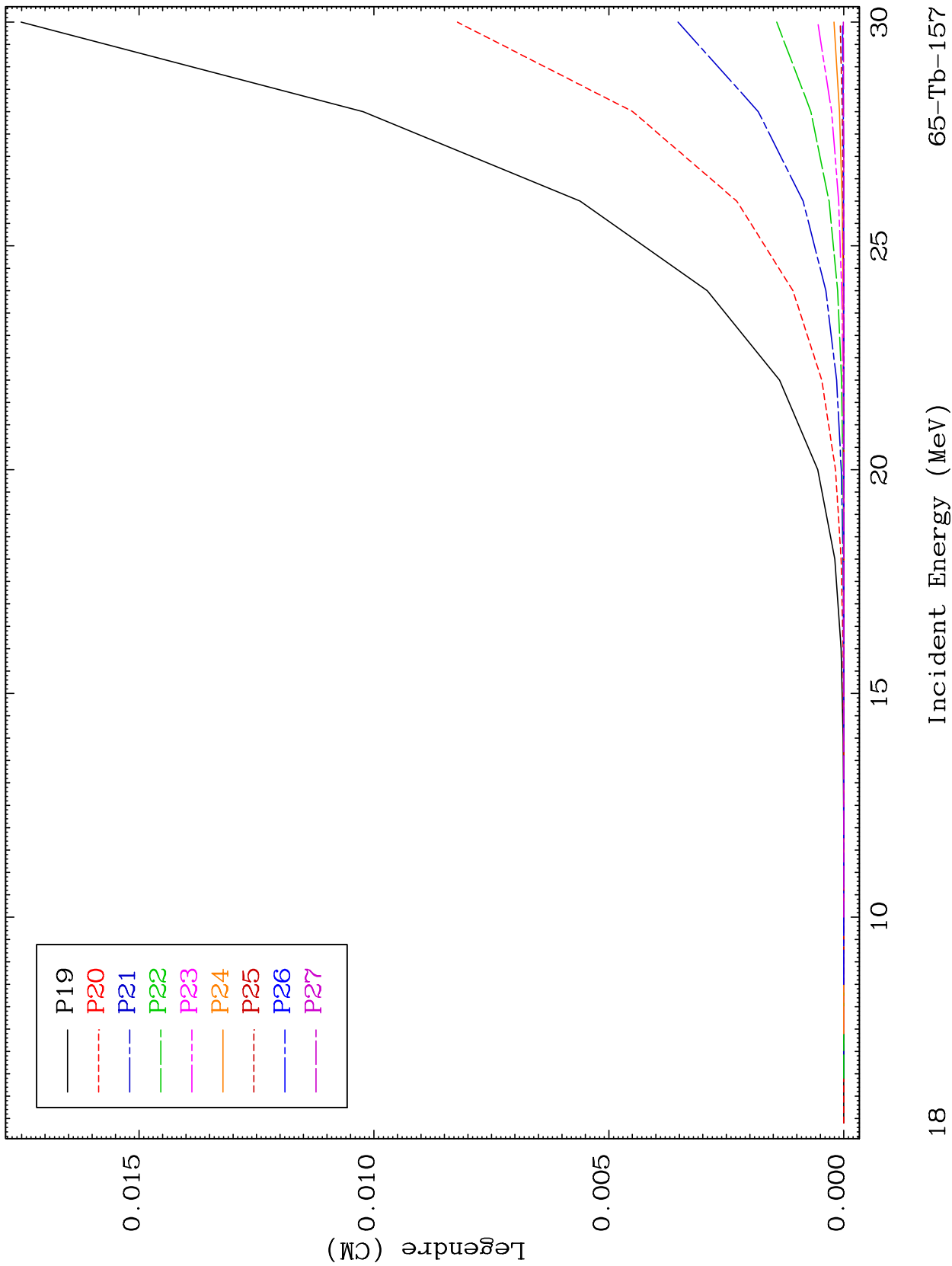
Incident Energy (MeV)

65-Tb-157

MAT 6519

### Elastic Legendre Coefficients

65-Tb-157



18

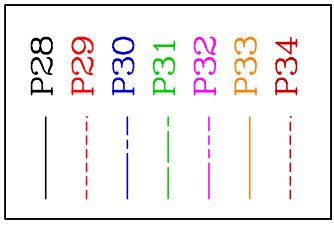
Incident Energy (MeV)

65-Tb-157

MAT 6519

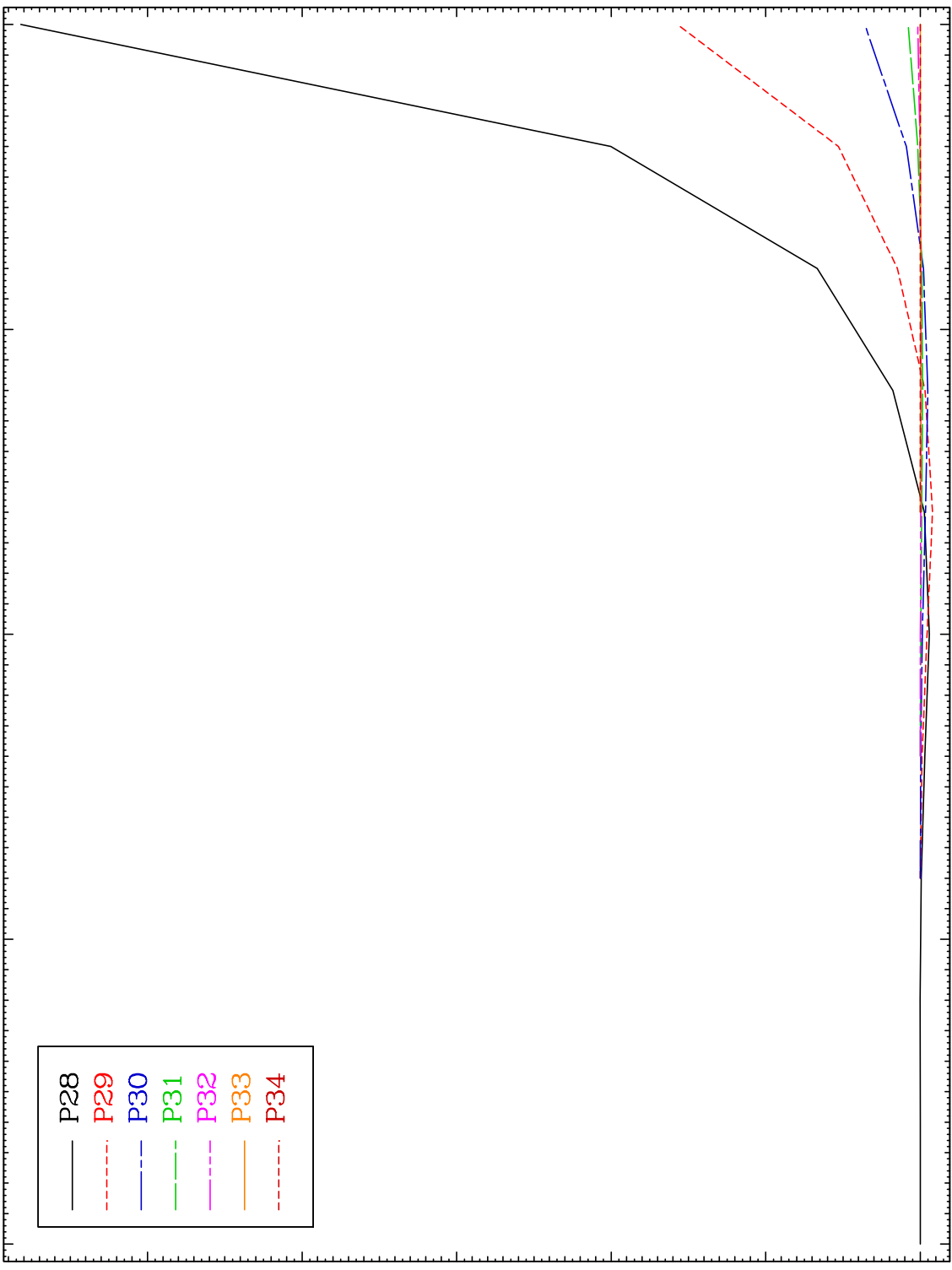
Elastic Legendre Coefficients

65-Tb-157



$\times 10^{-6}$

Legendre (CM)



30

25

20

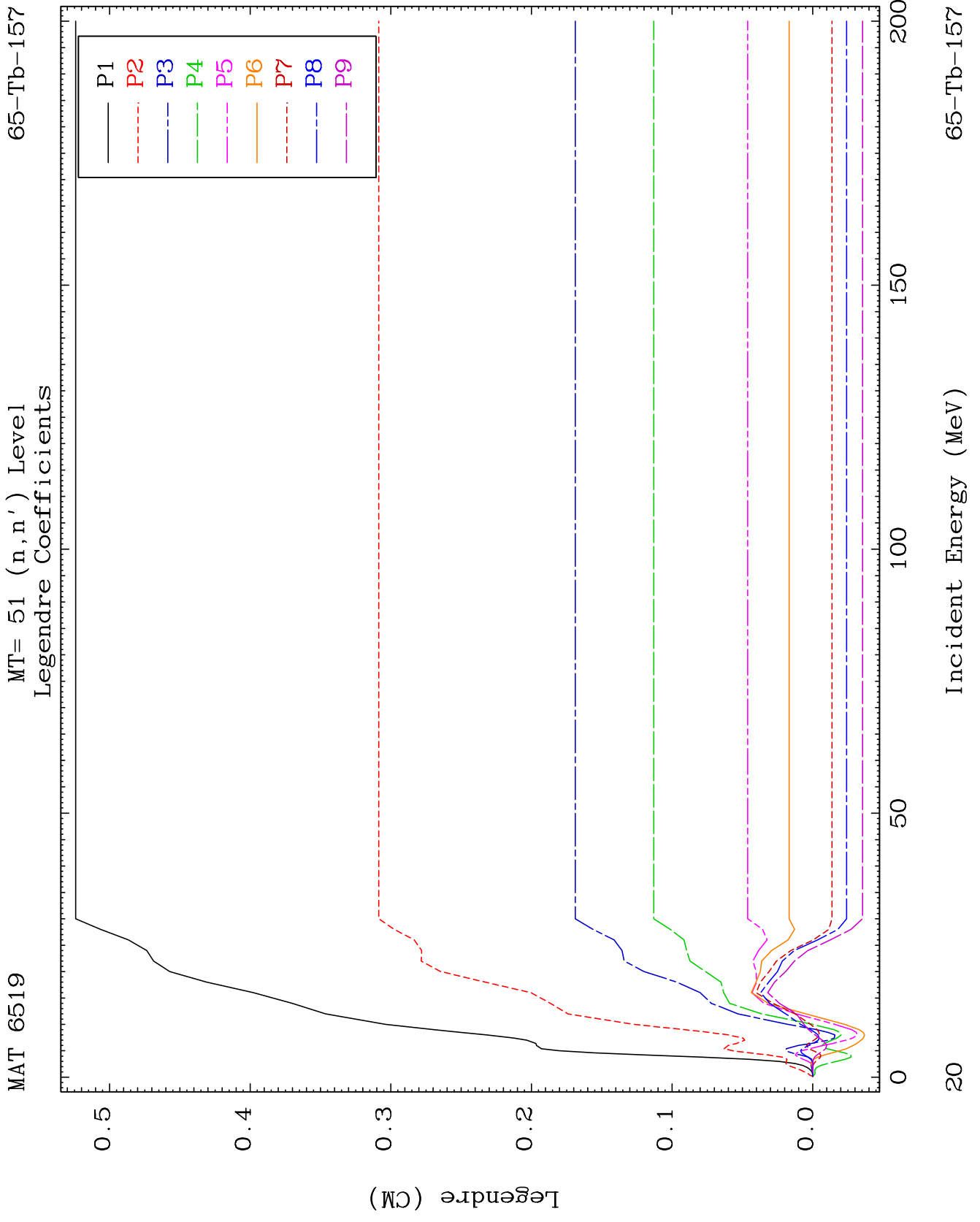
15

10

Incident Energy (MeV)

65-Tb-157

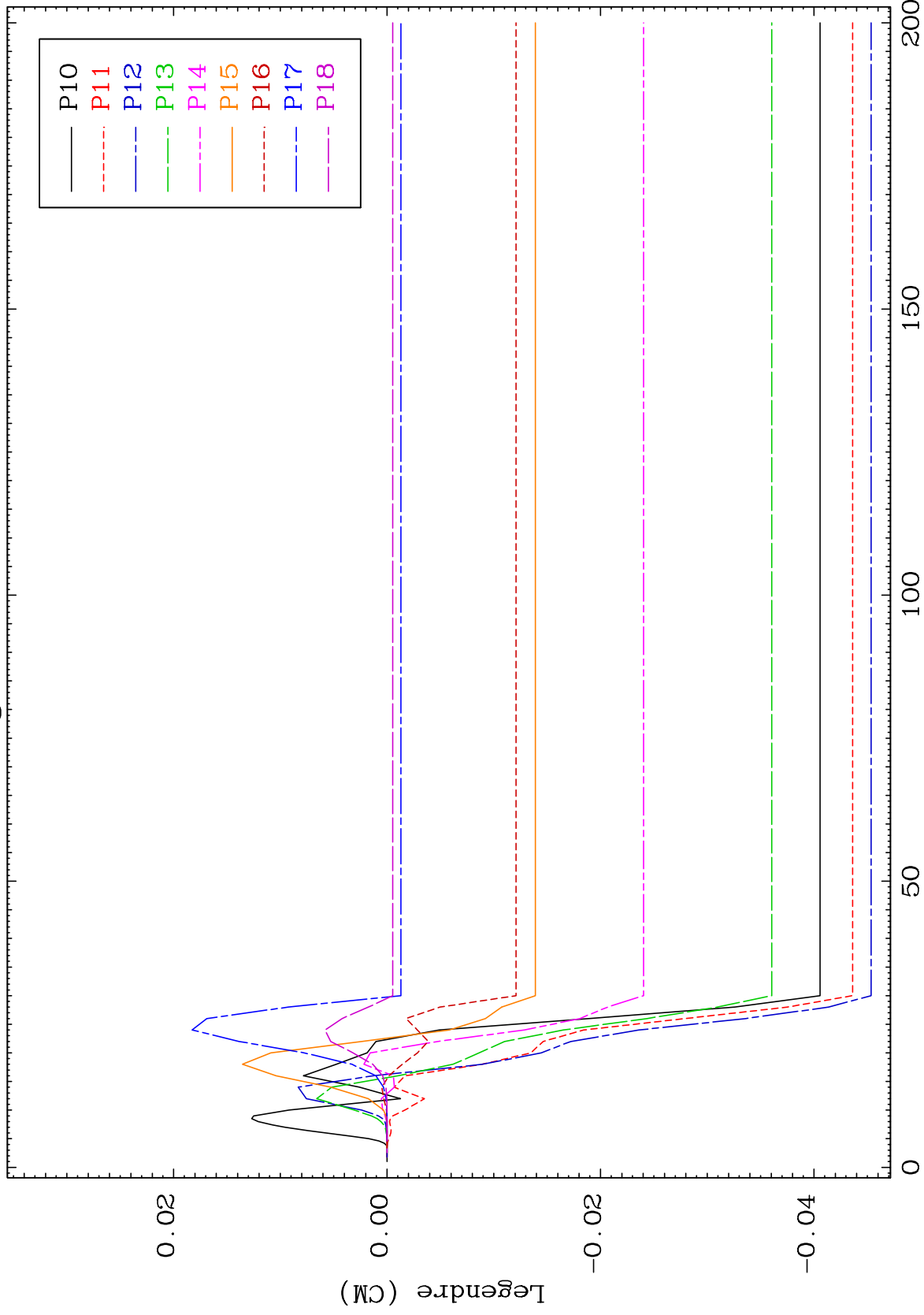
19



MAT 6519

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

65-Tb-157



21

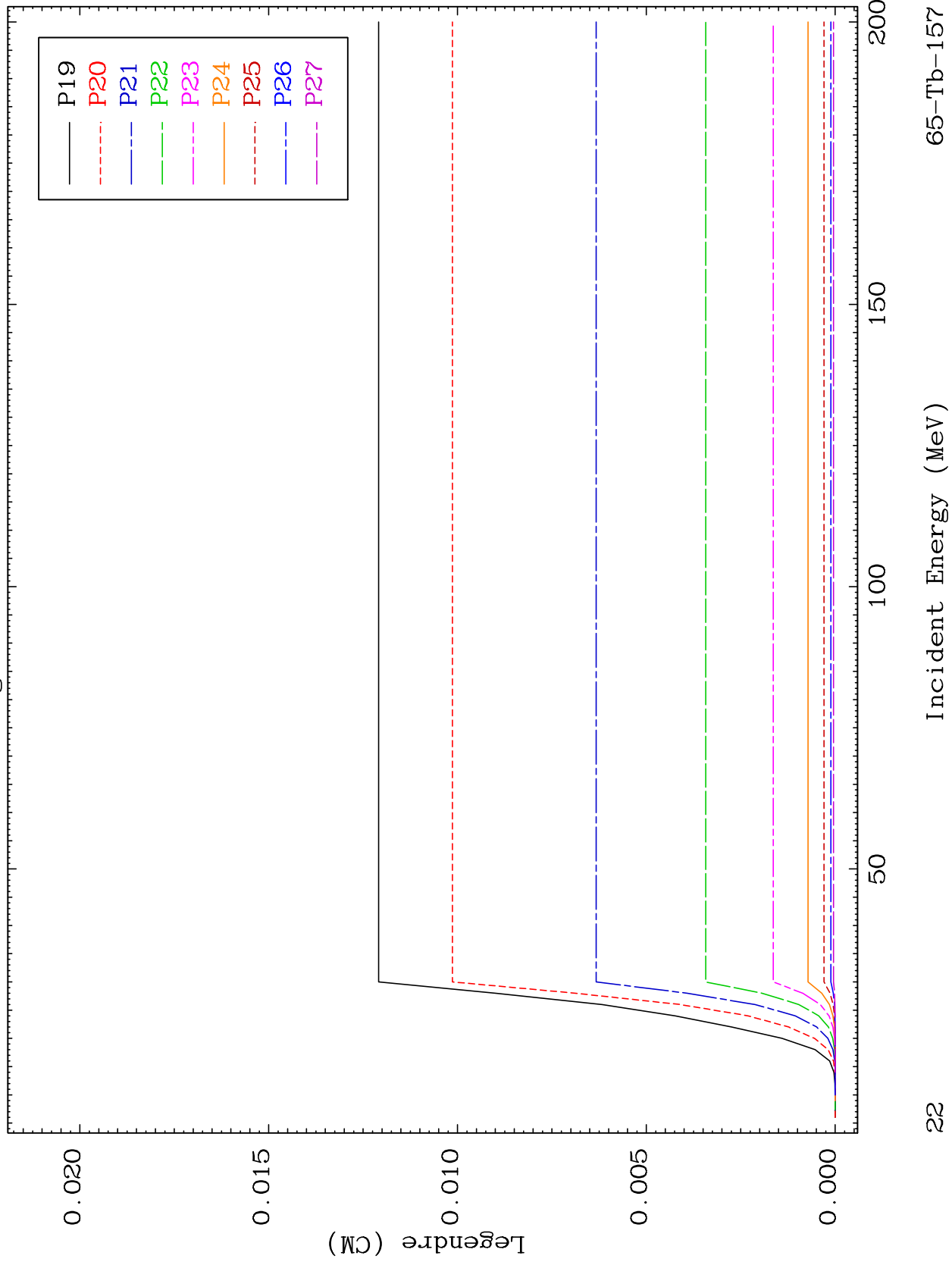
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



22

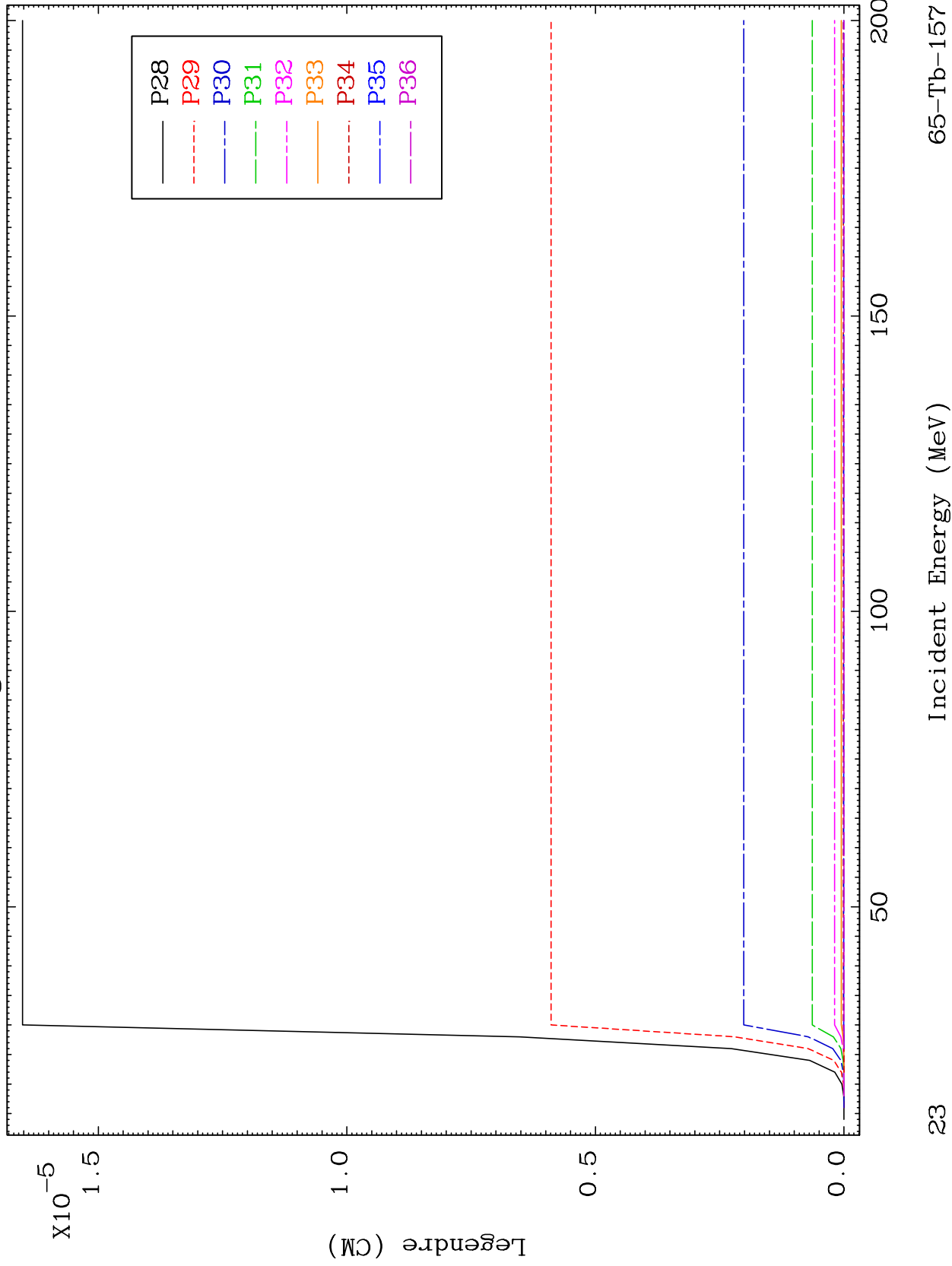
Incident Energy (MeV)

65-Tb-157

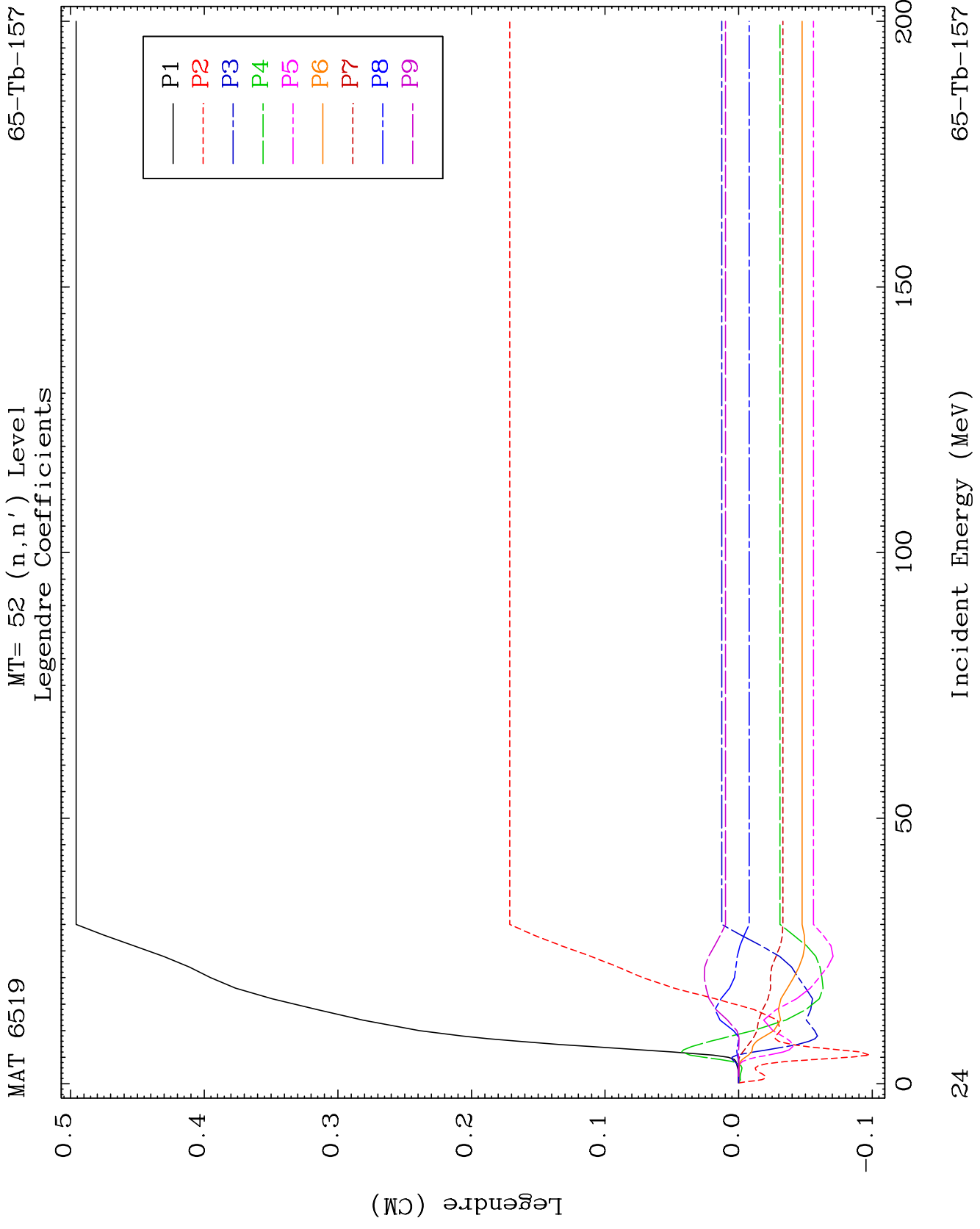
MAT 6519

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

65-Tb-157





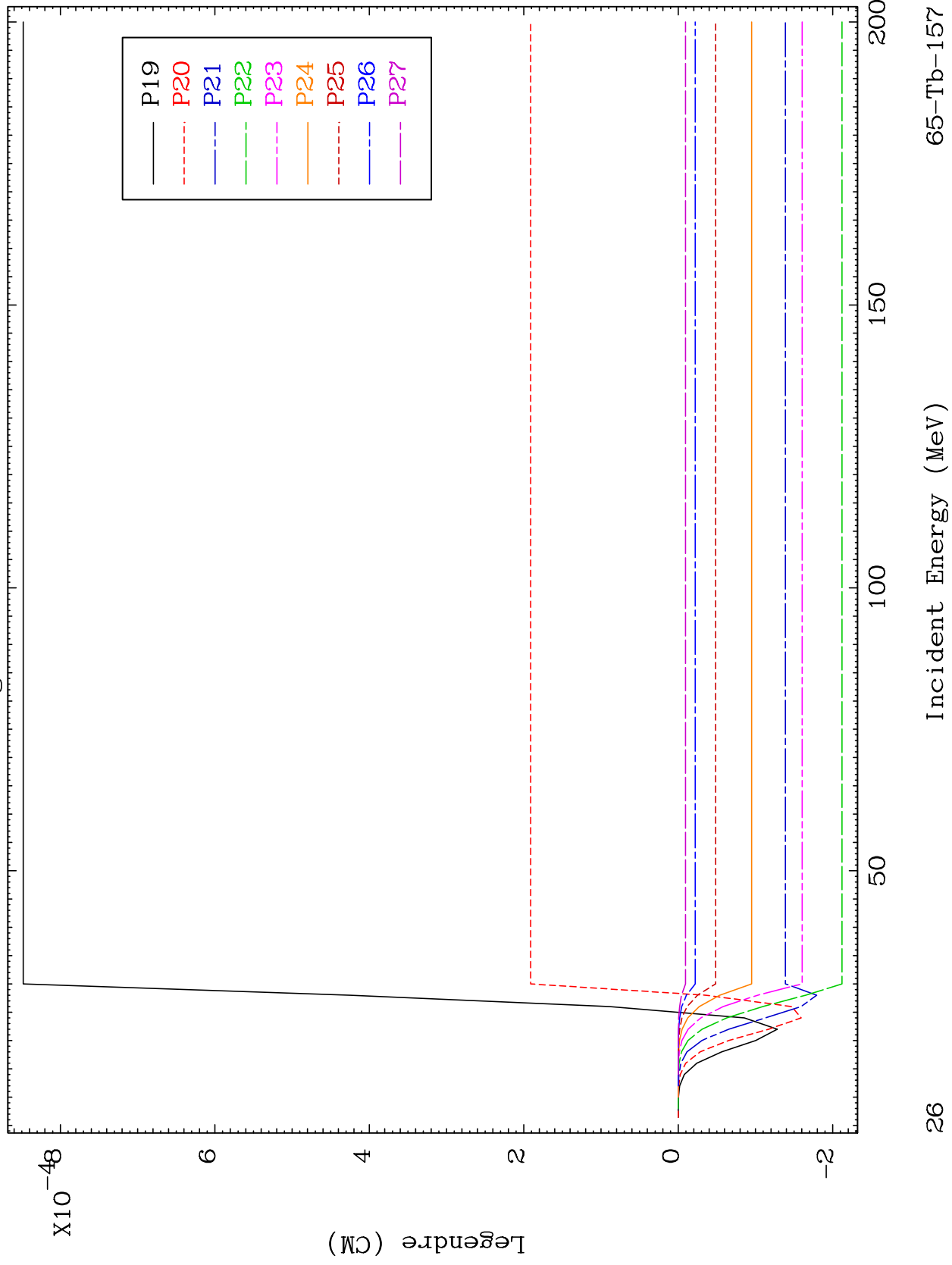




MAT 6519

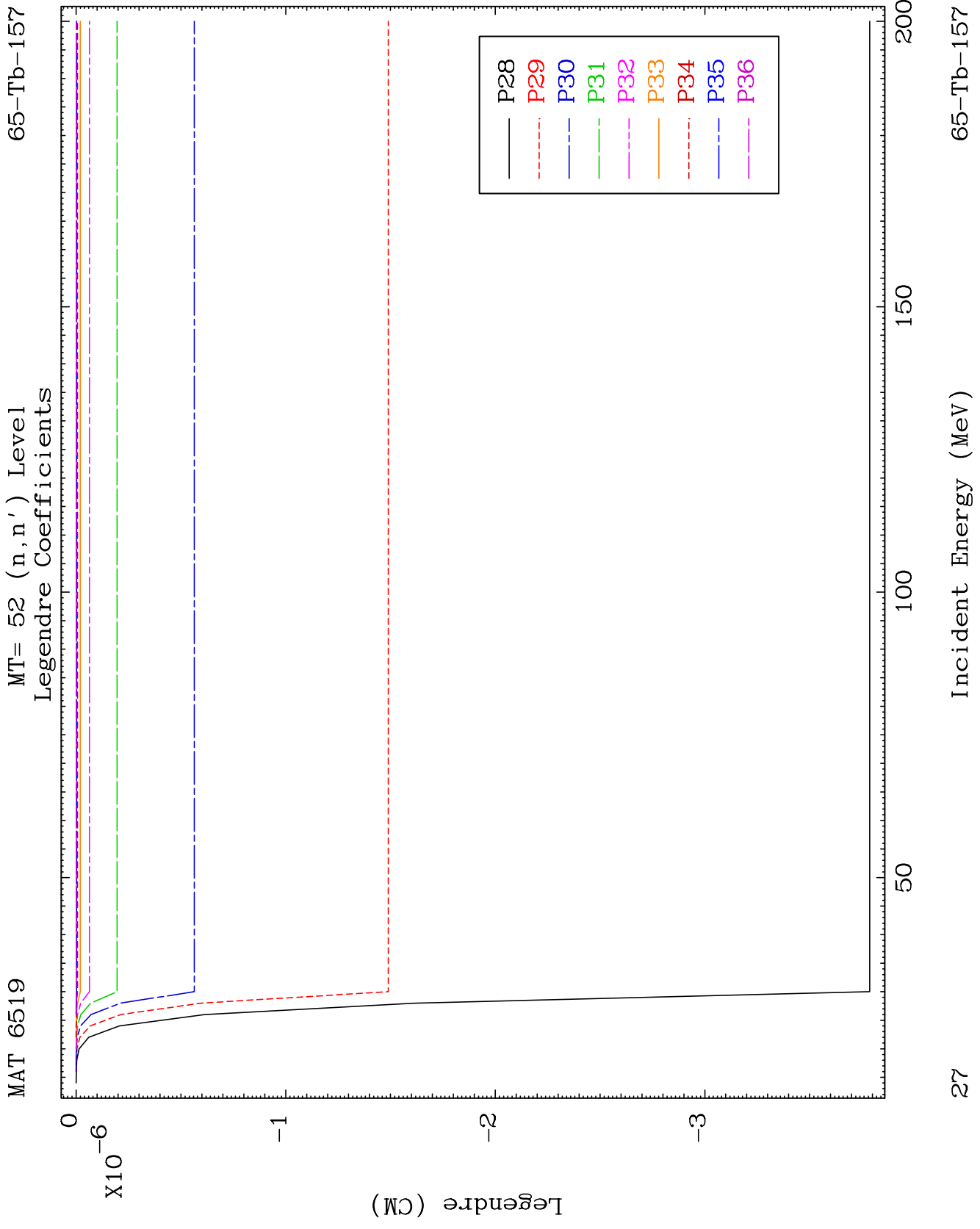
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Legendre Coefficients

65-Tb-157



26

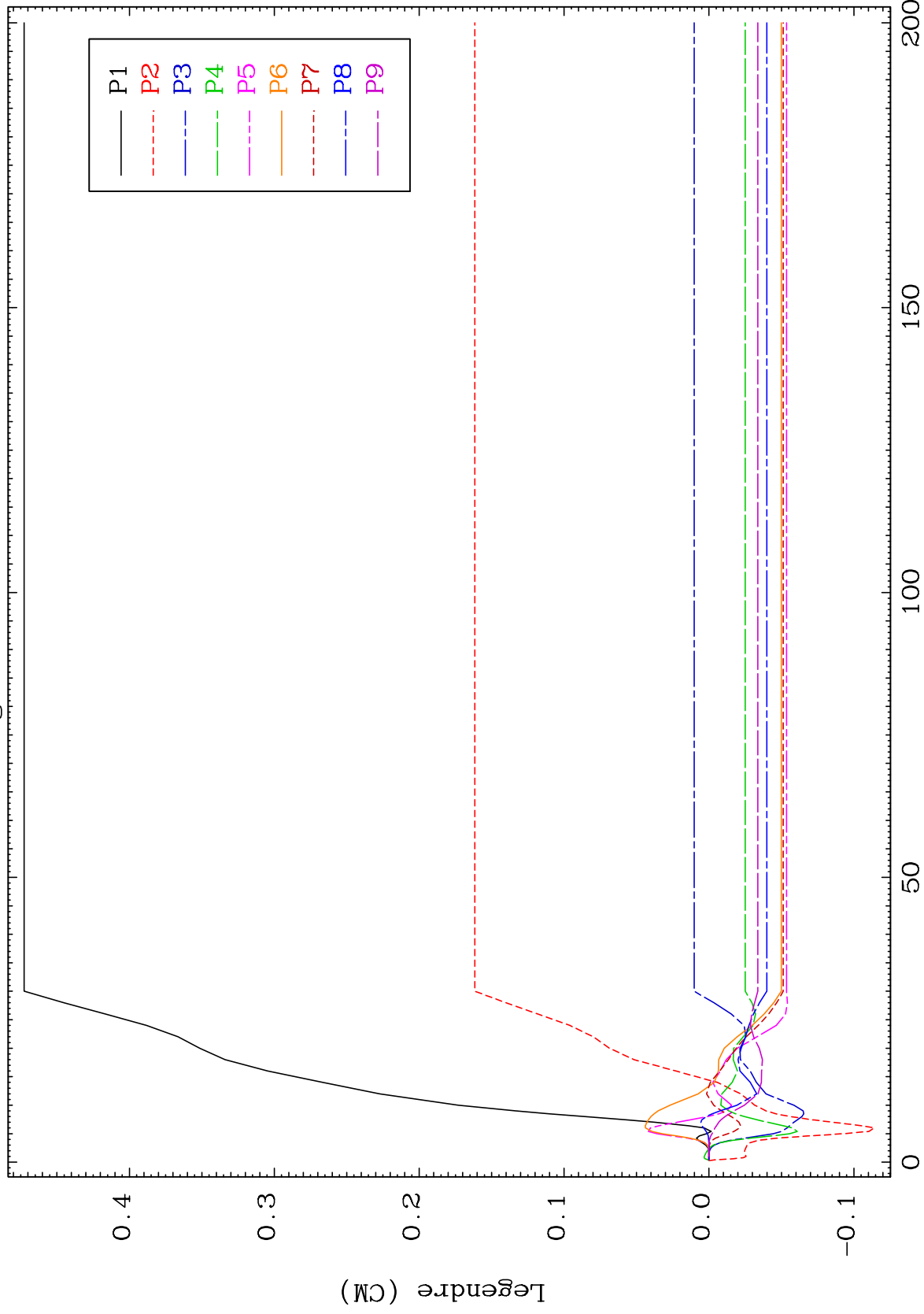
65-Tb-157



MAT 6519

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

65-Tb-157



65-Tb-157

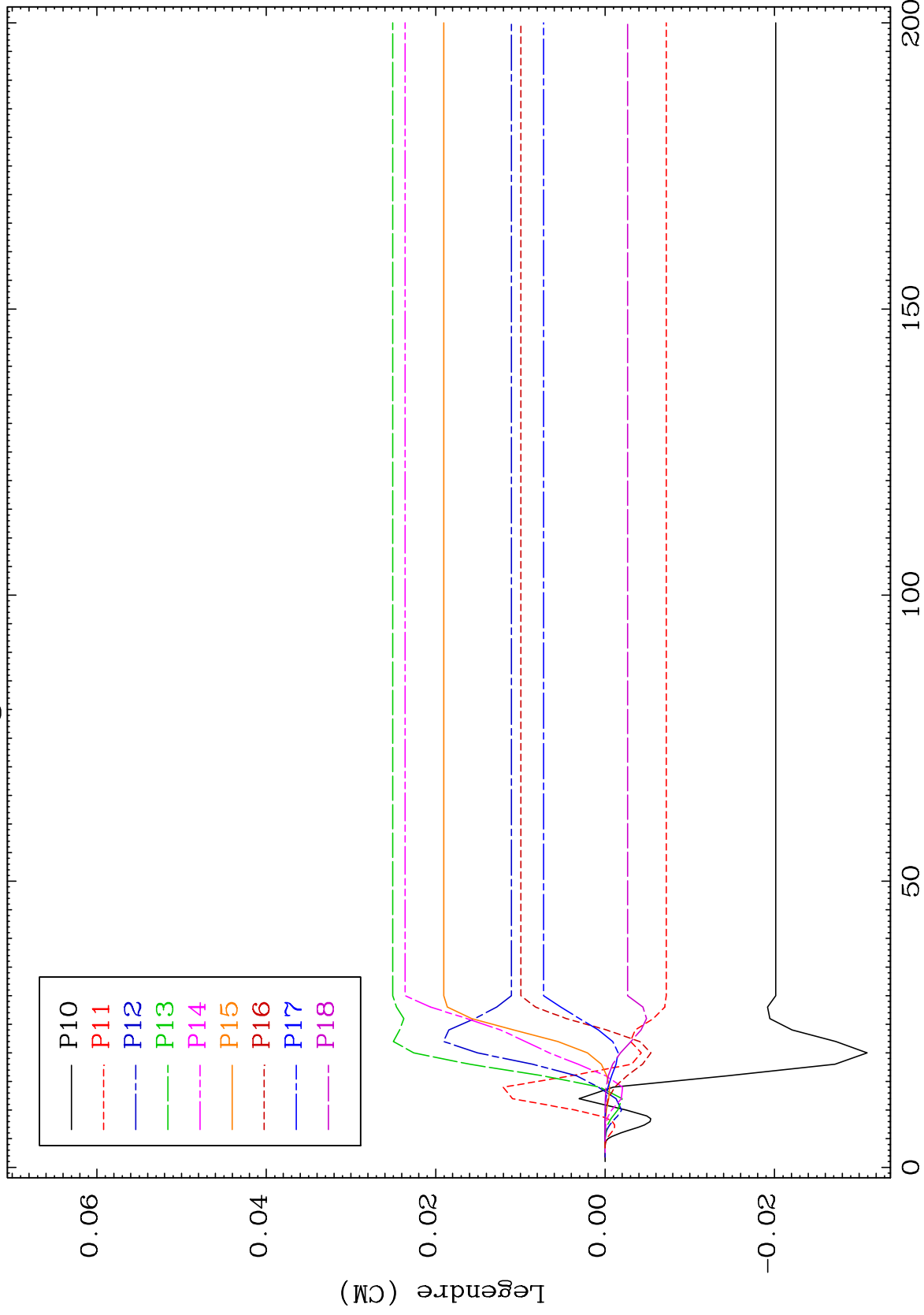
Incident Energy (MeV)

28

MAT 6519

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

65-Tb-157



29

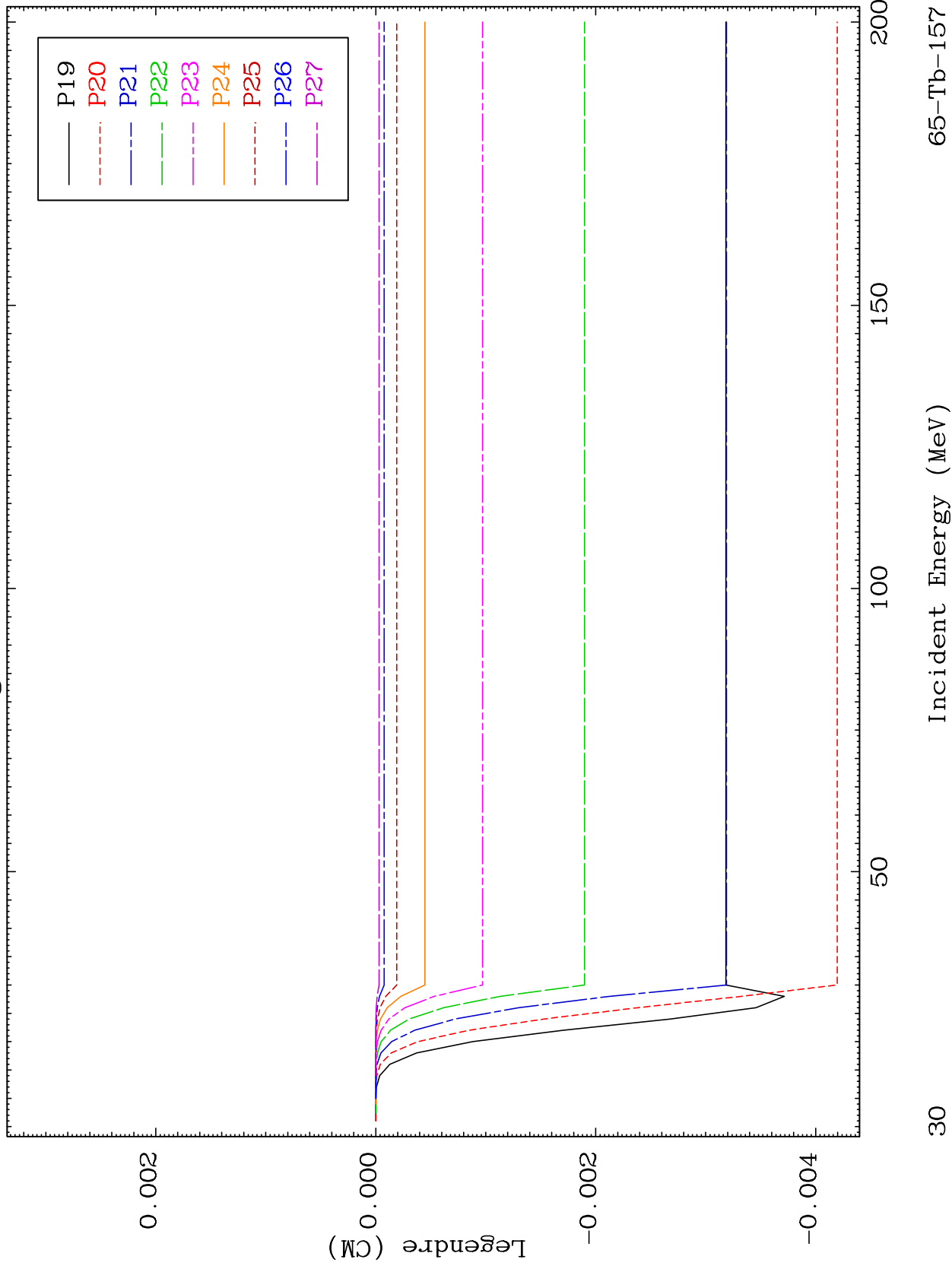
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

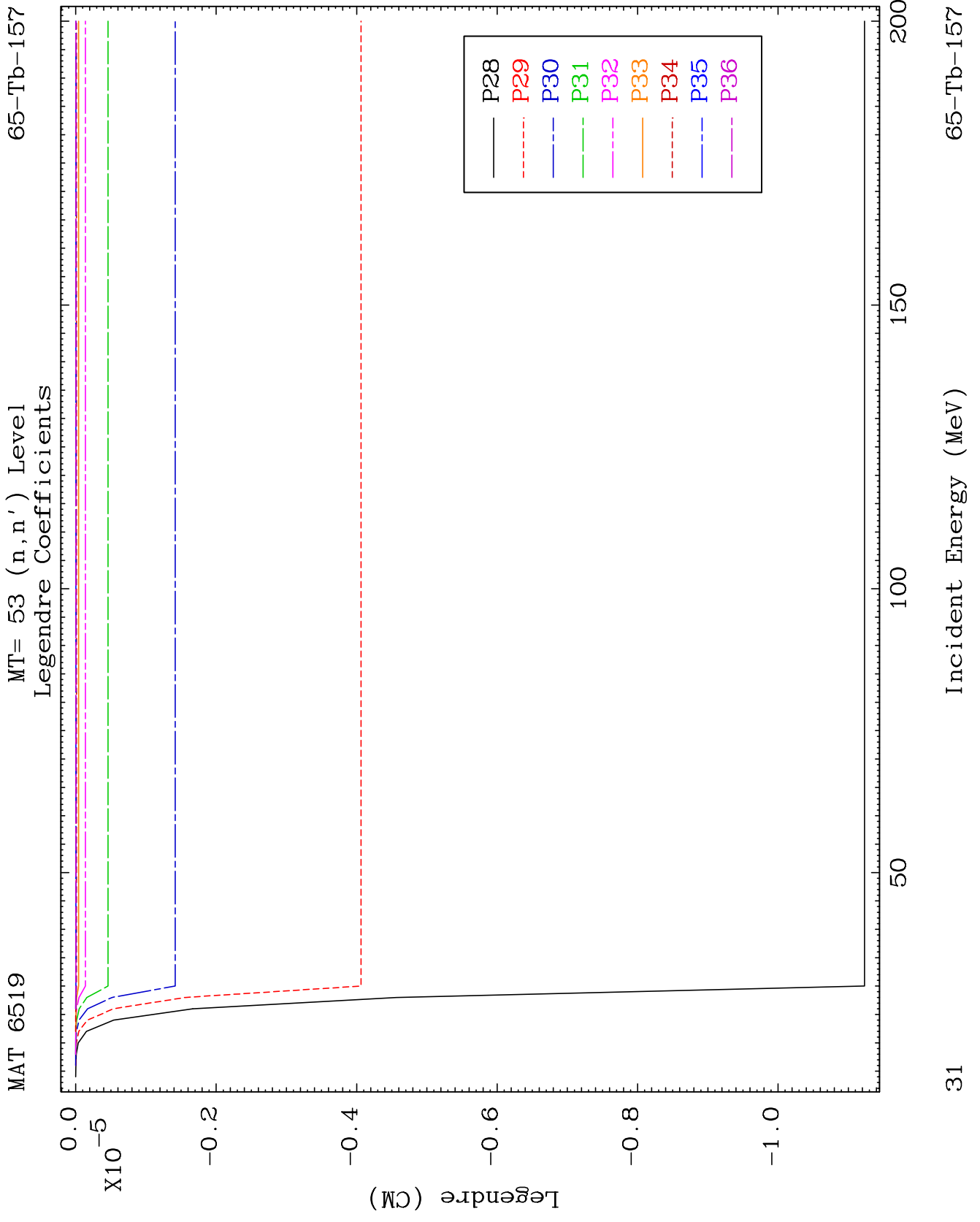
65-Tb-157



65-Tb-157

Incident Energy (MeV)

30



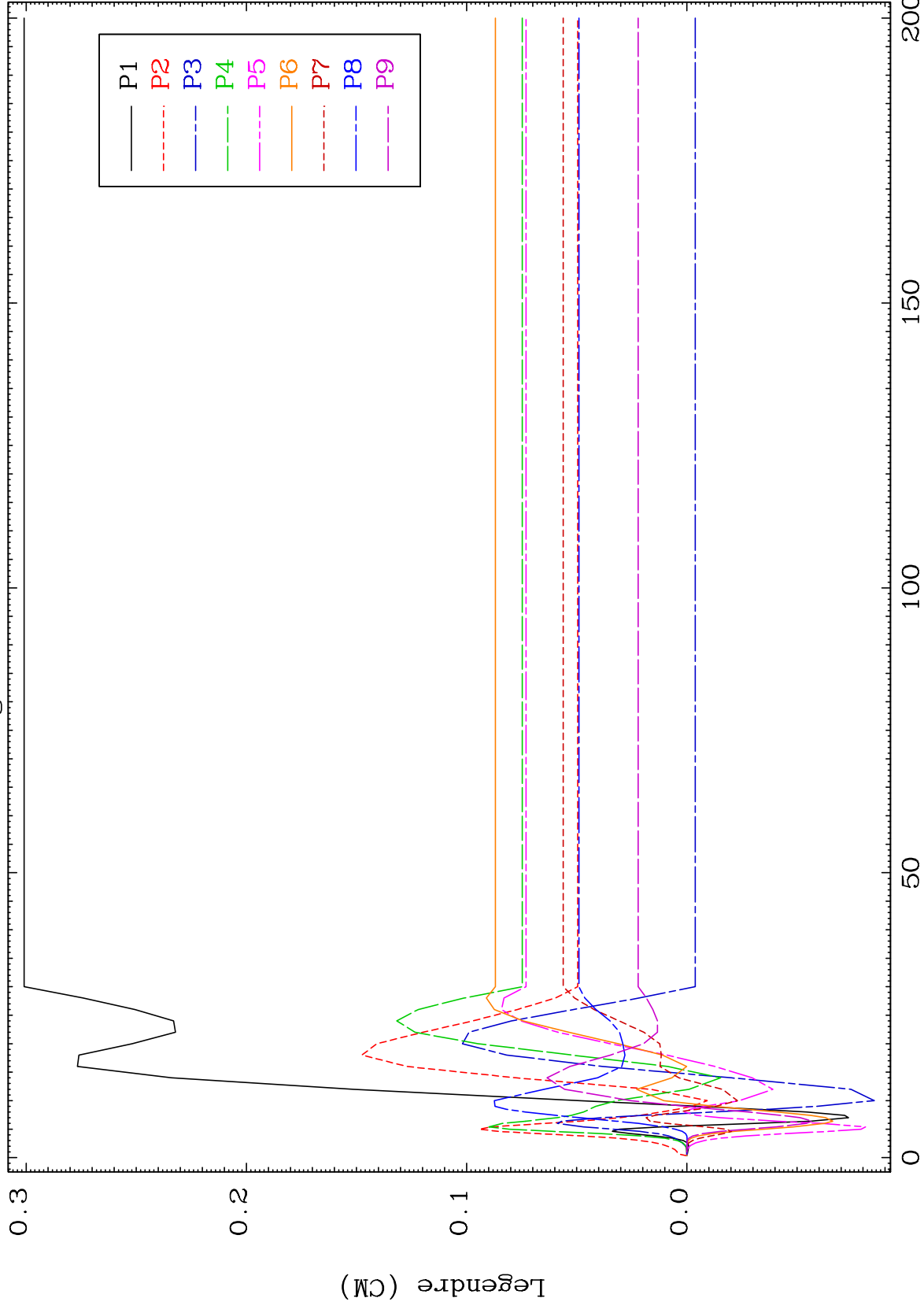


MAT 6519

MT= 54 (n,n') Level

65-Tb-157

Legendre Coefficients



32

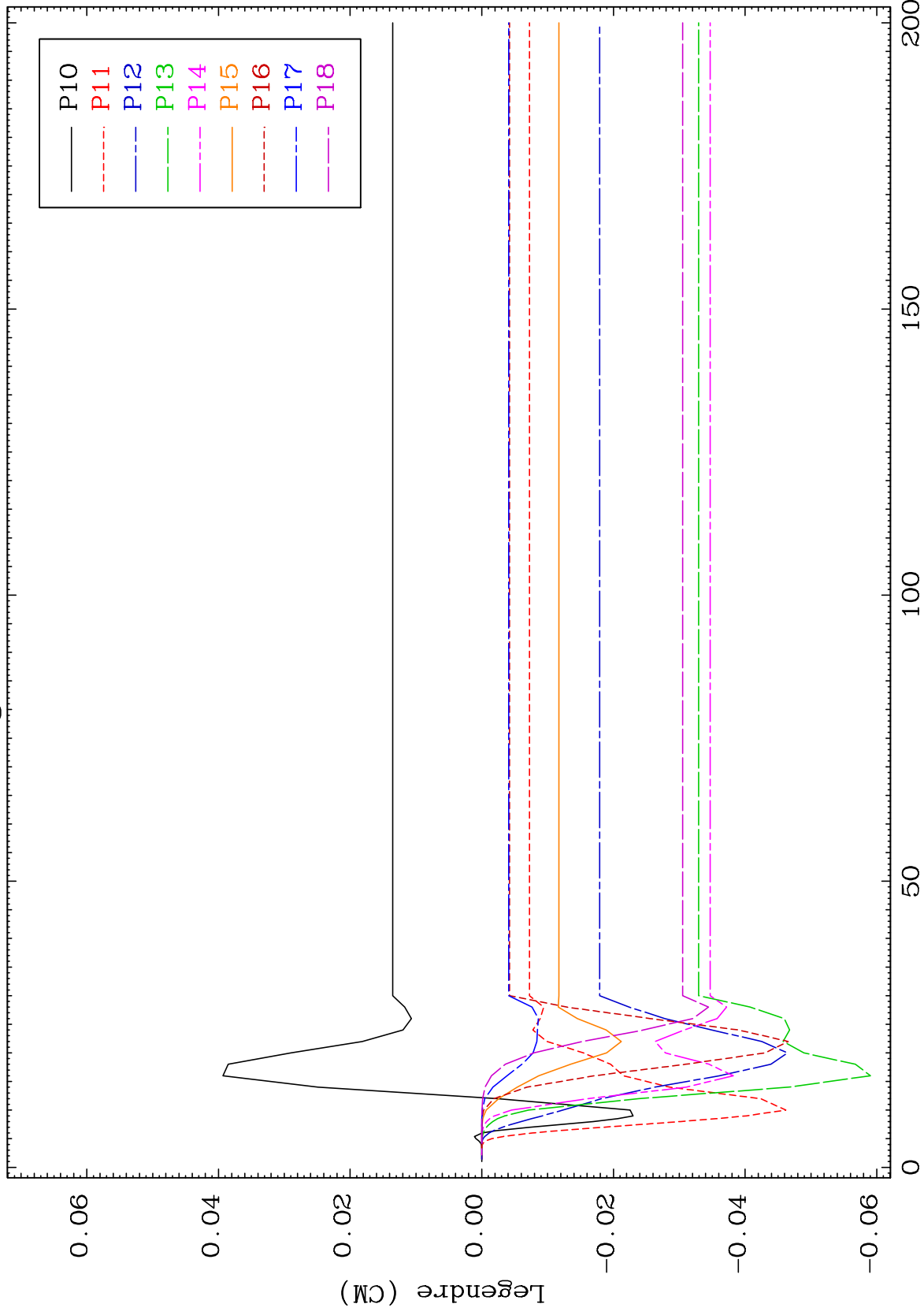
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



33

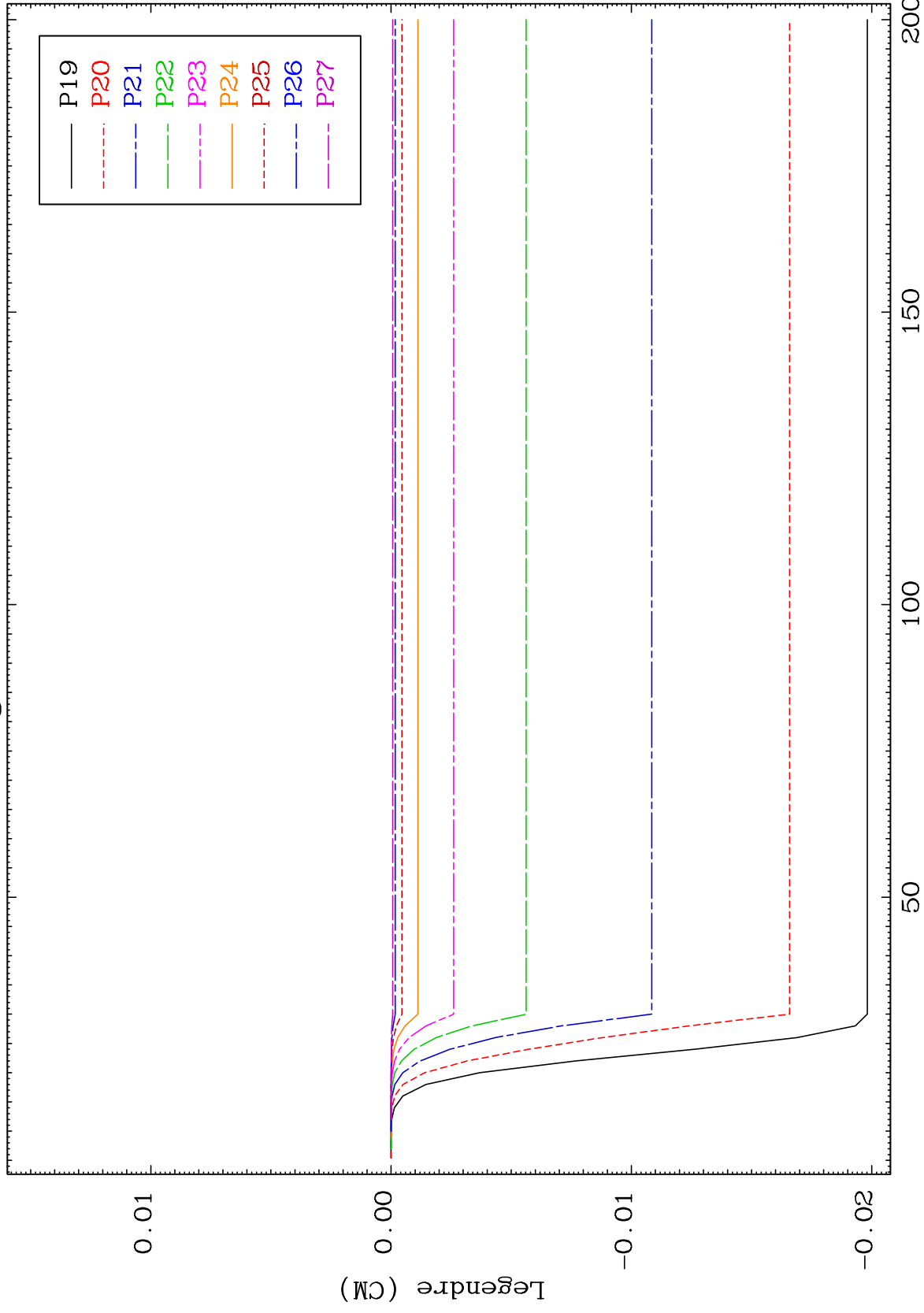
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

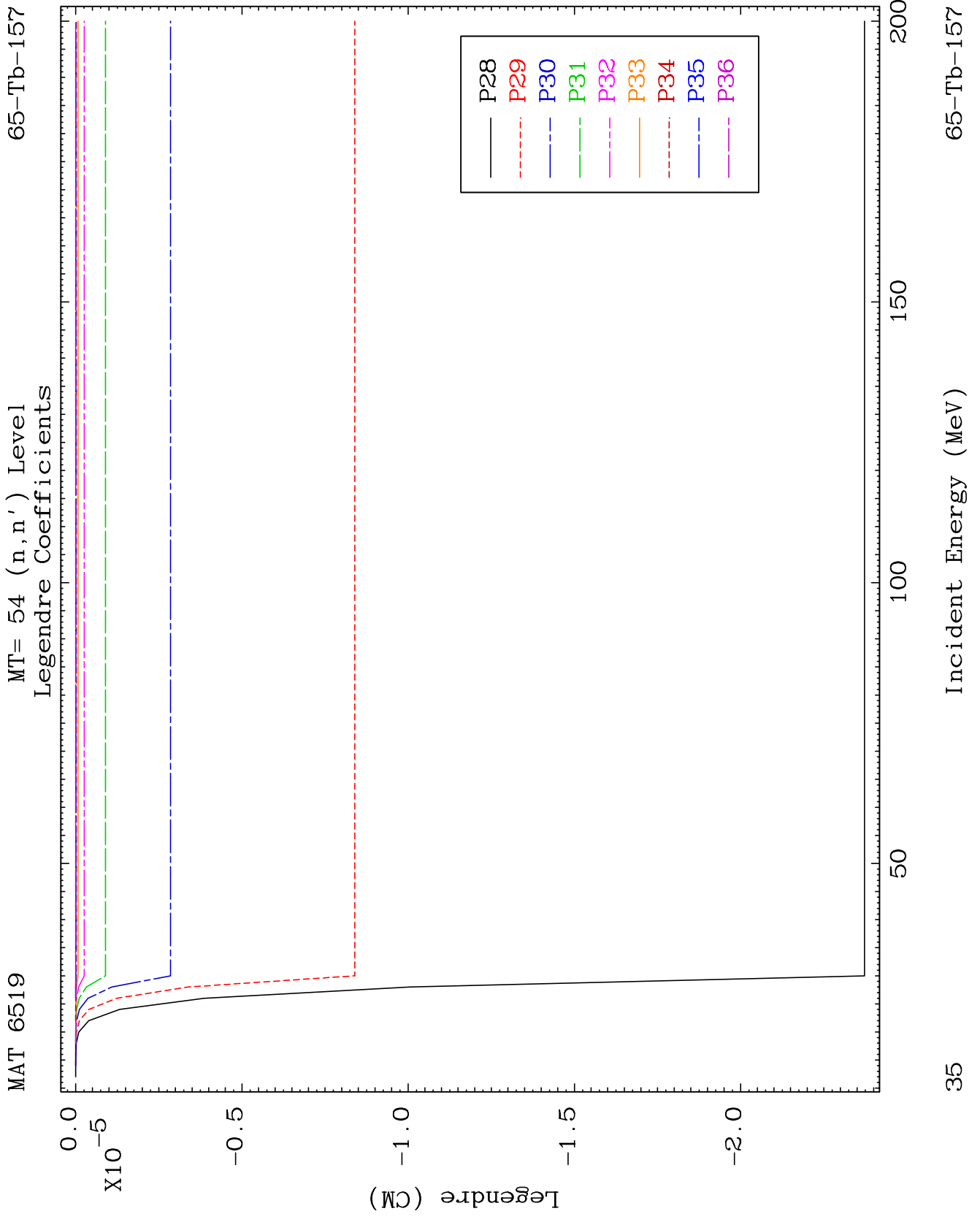
65-Tb-157



34

Incident Energy (MeV)

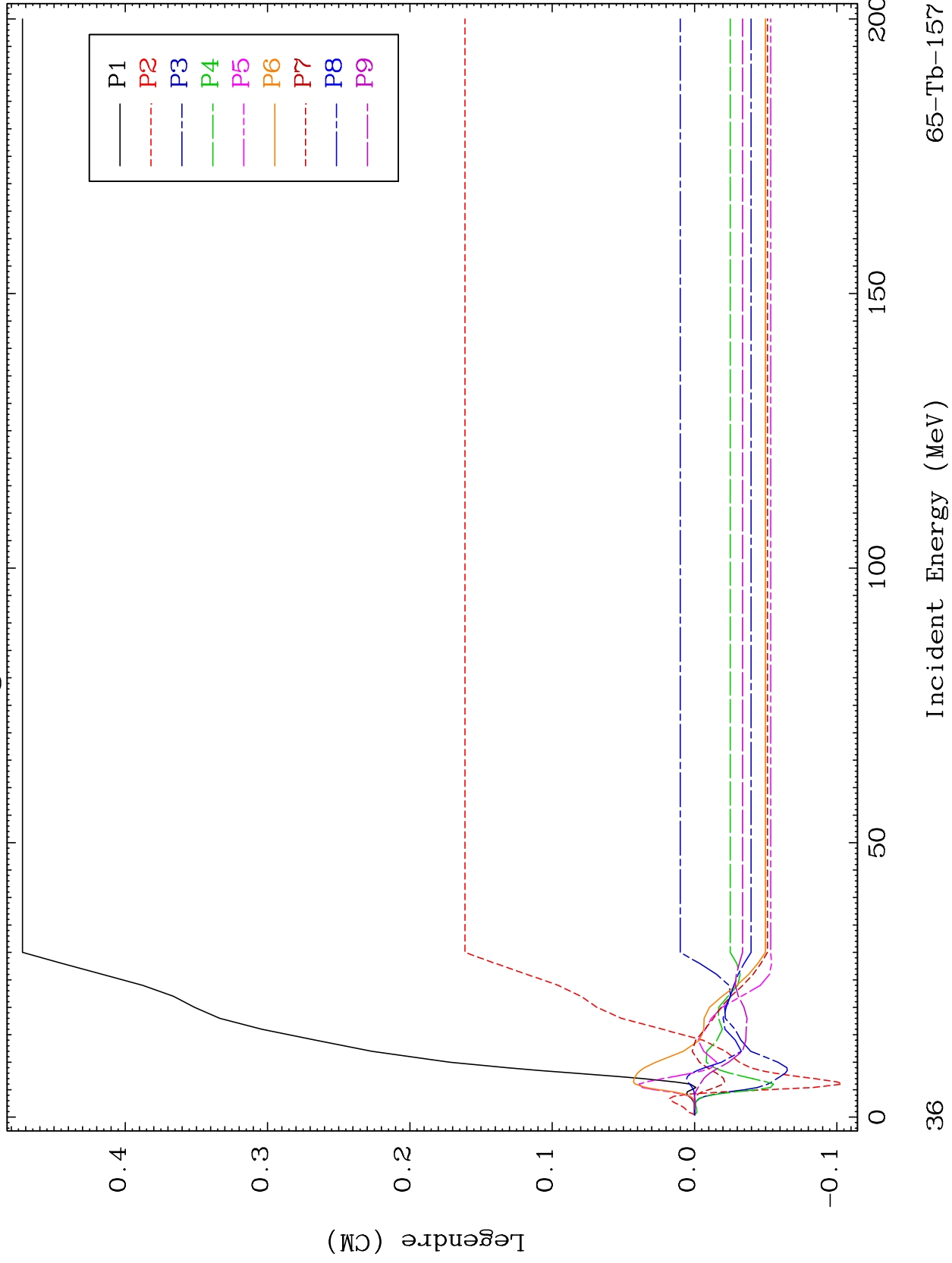
65-Tb-157



MAT 6519

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

65-Tb-157



65-Tb-157

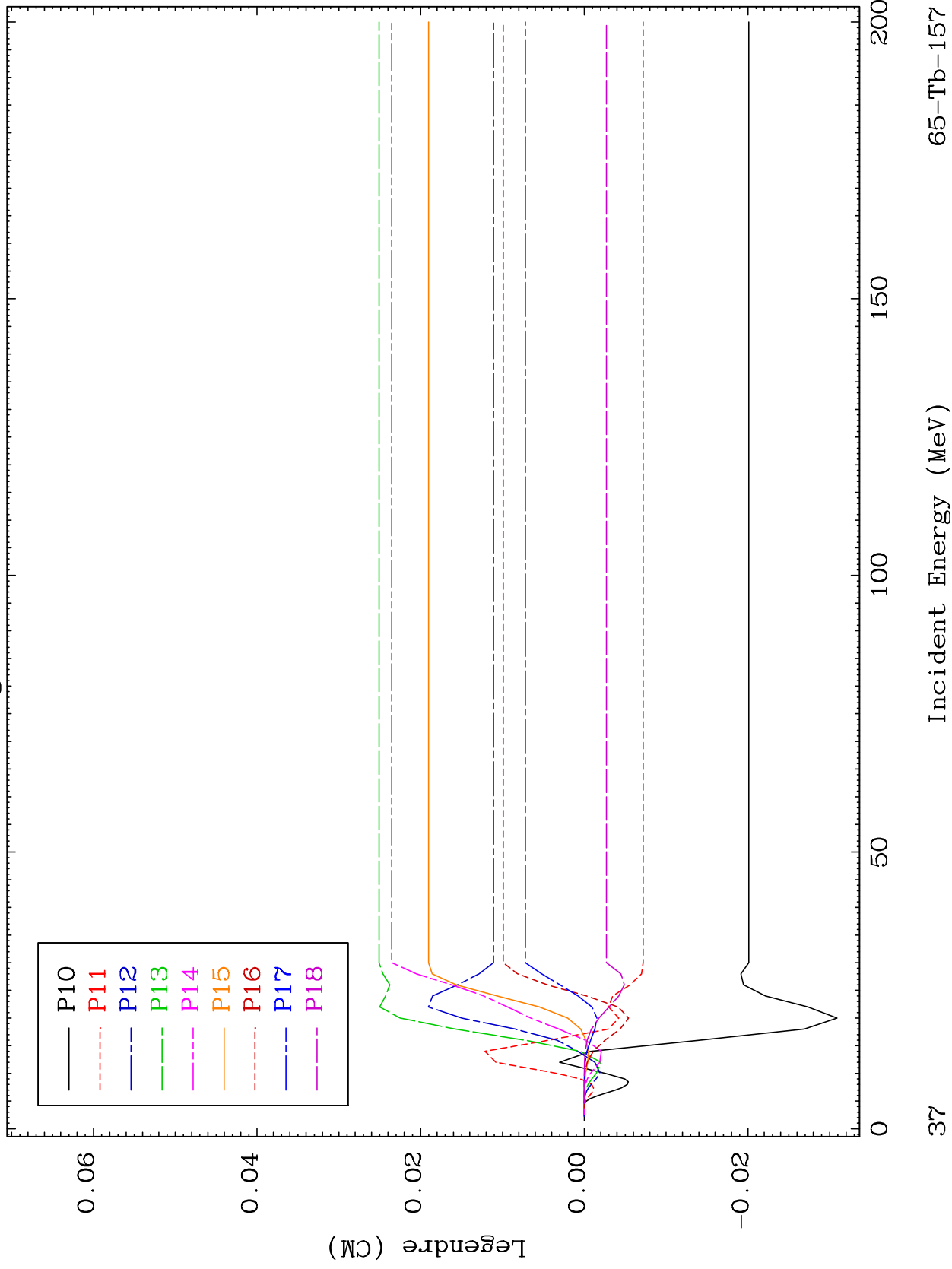
Incident Energy (MeV)

36

MAT 6519

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

65-Tb-157



37

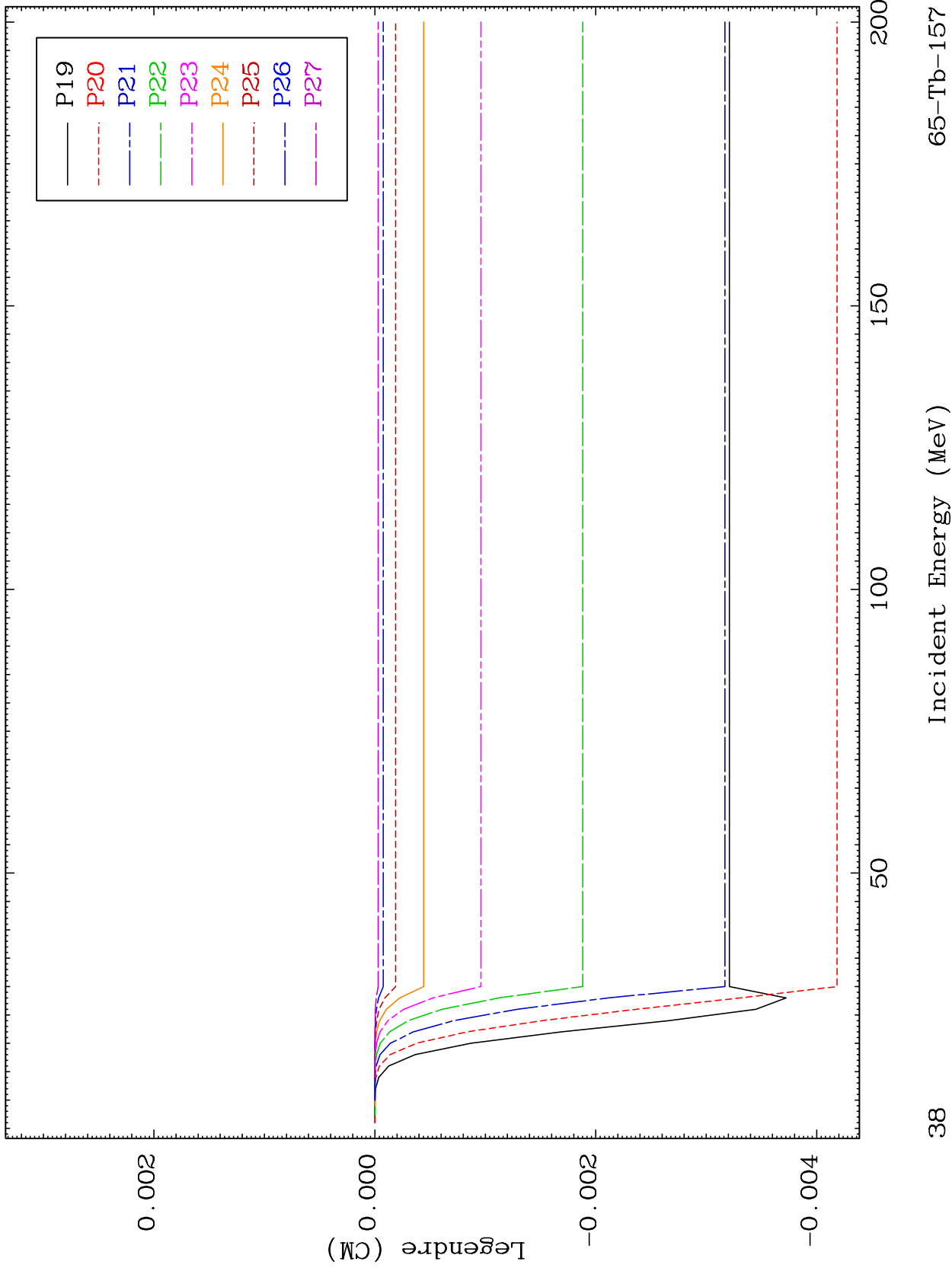
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



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Incident Energy (MeV)

65-Tb-157

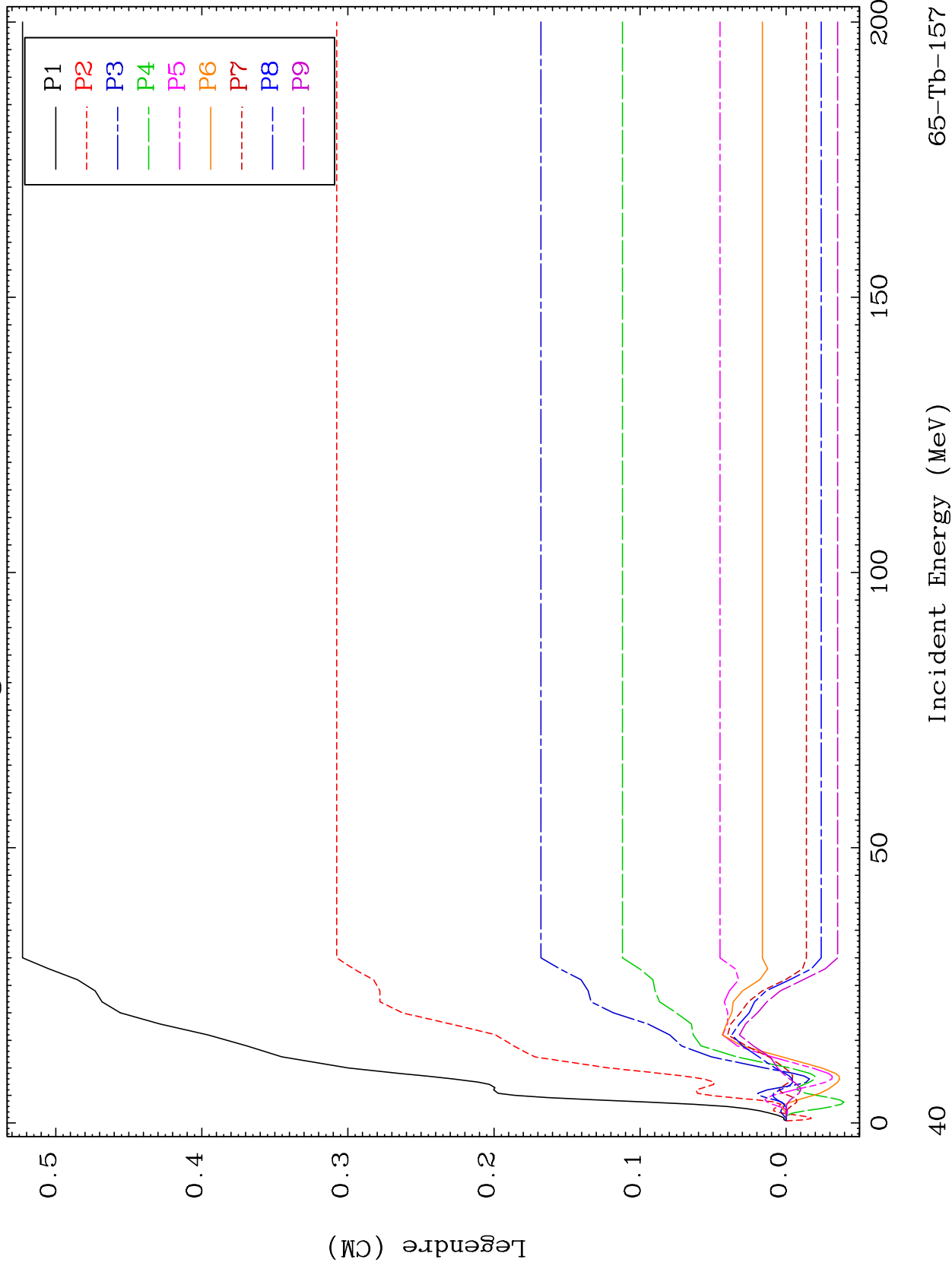




MAT 6519

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

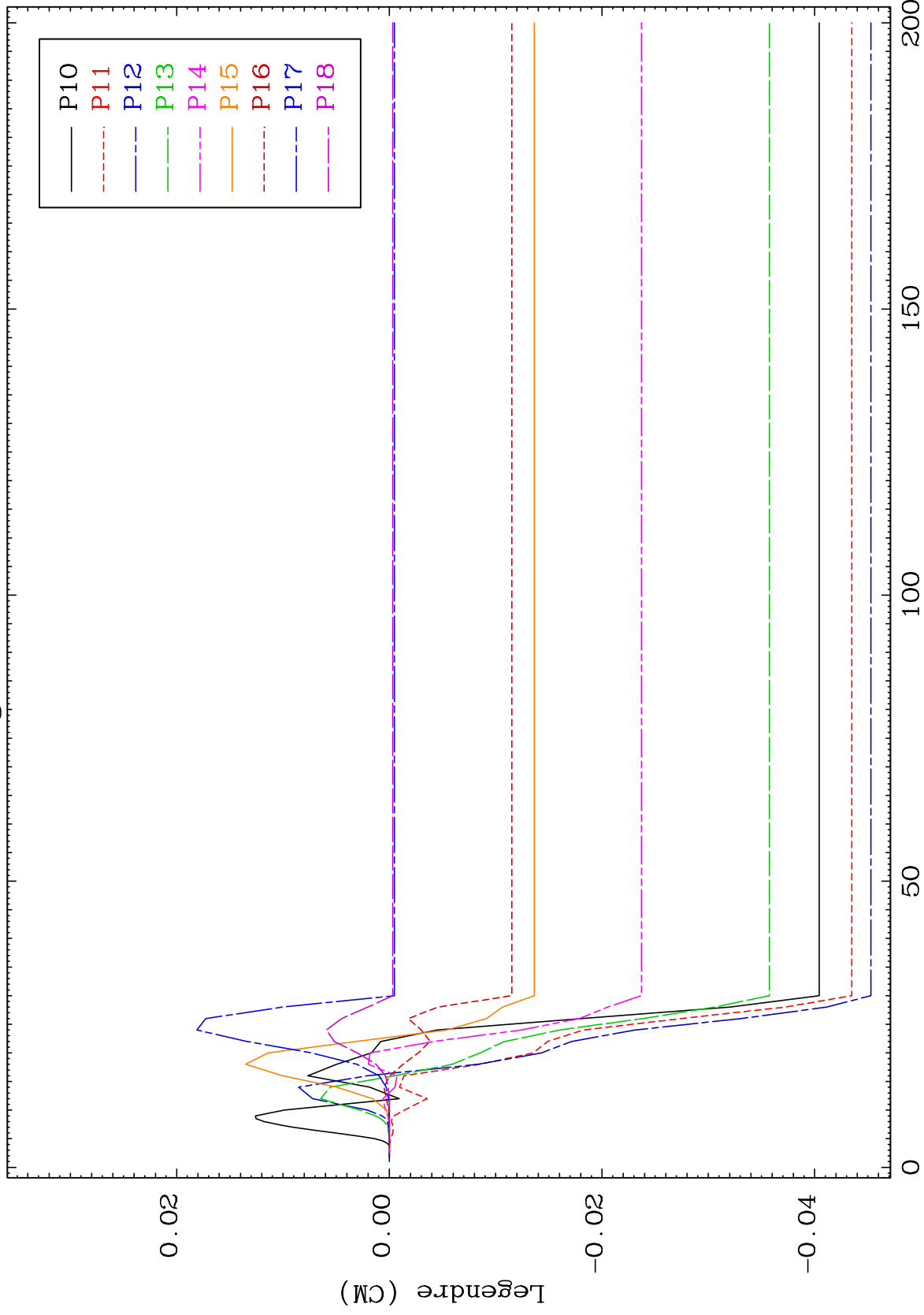
65-Tb-157



MAT 6519

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

65-Tb-157



41

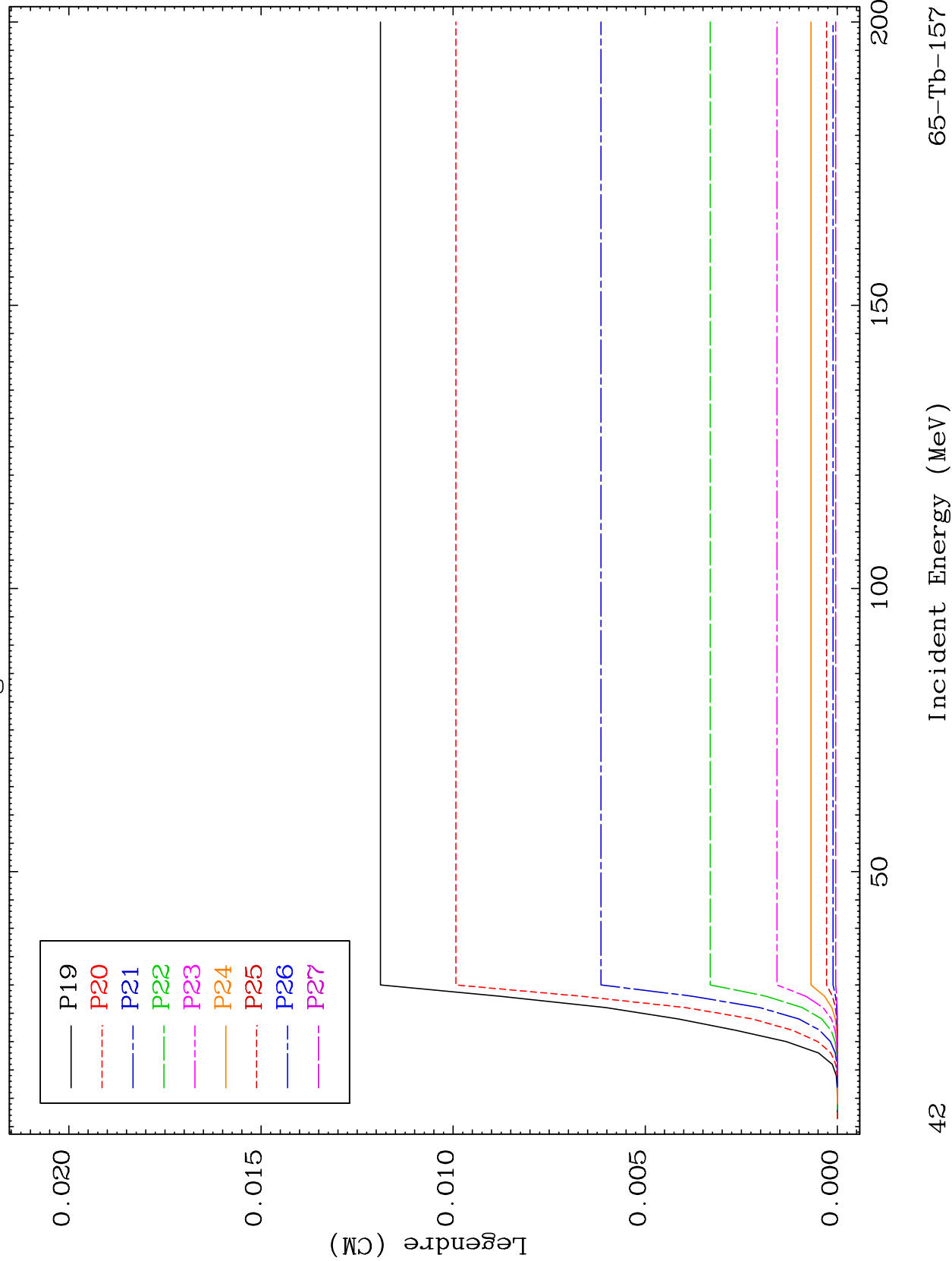
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



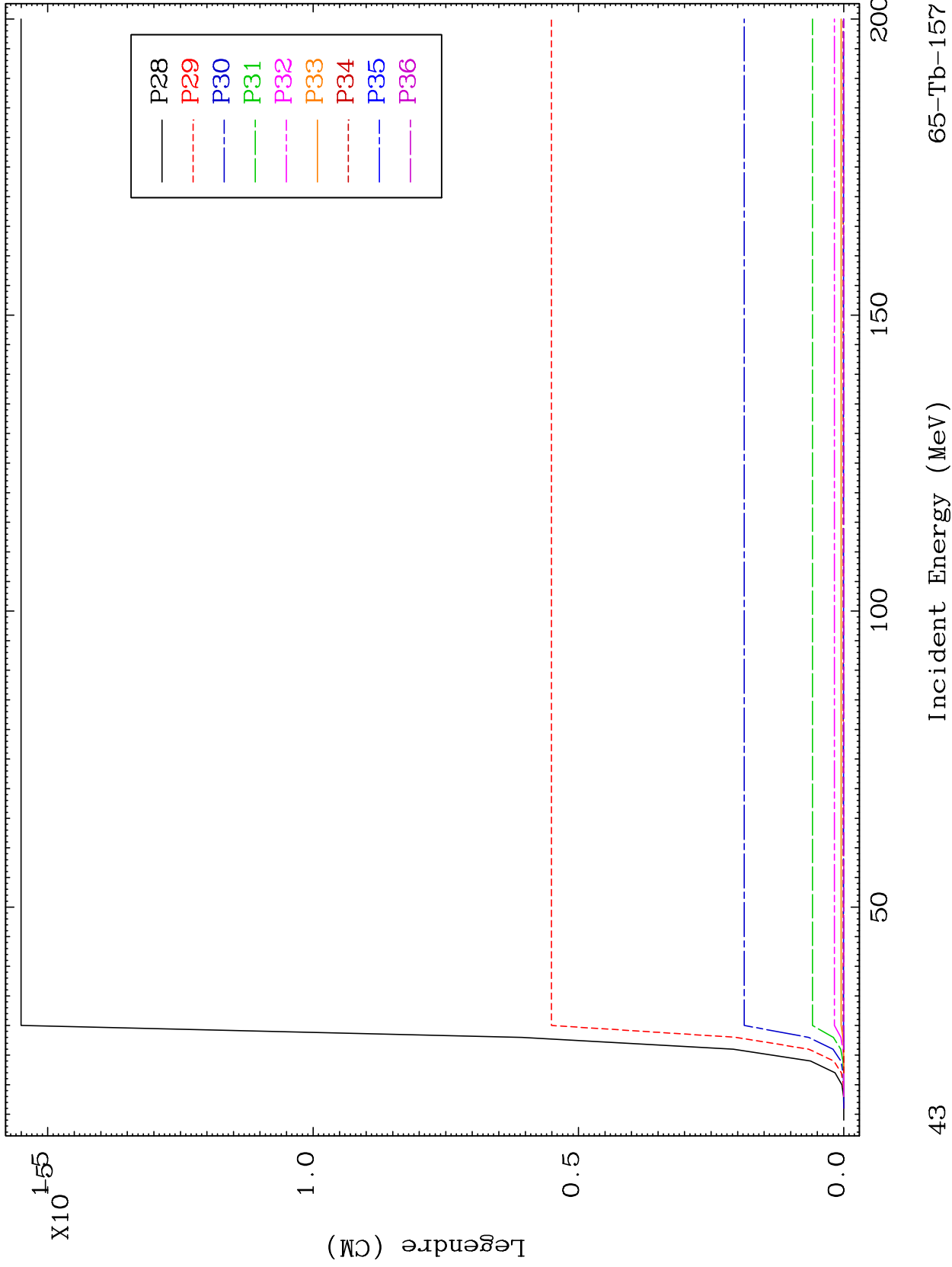
42

65-Tb-157

MAT 6519

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

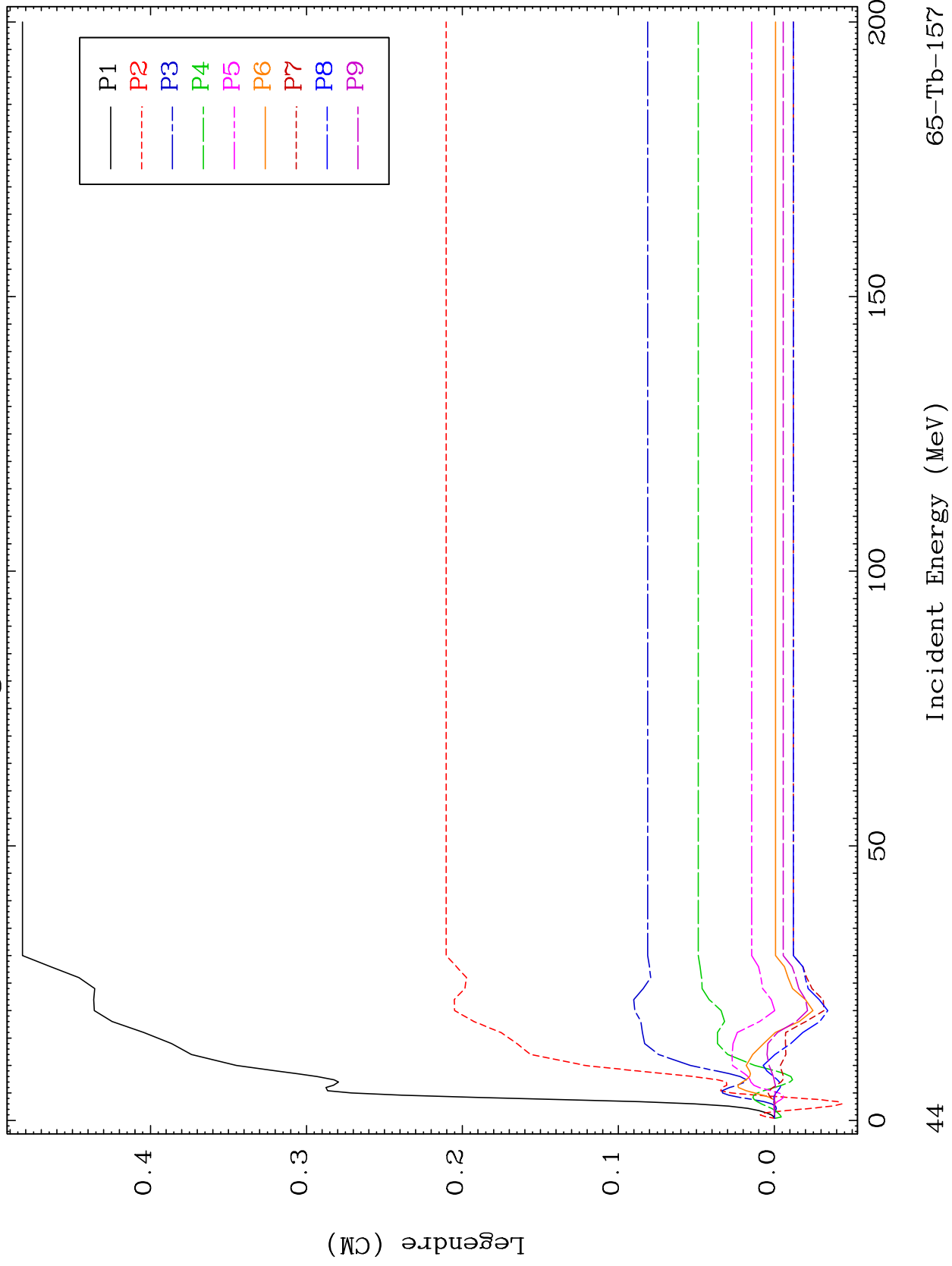
65-Tb-157



MAT 6519

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

65-Tb-157

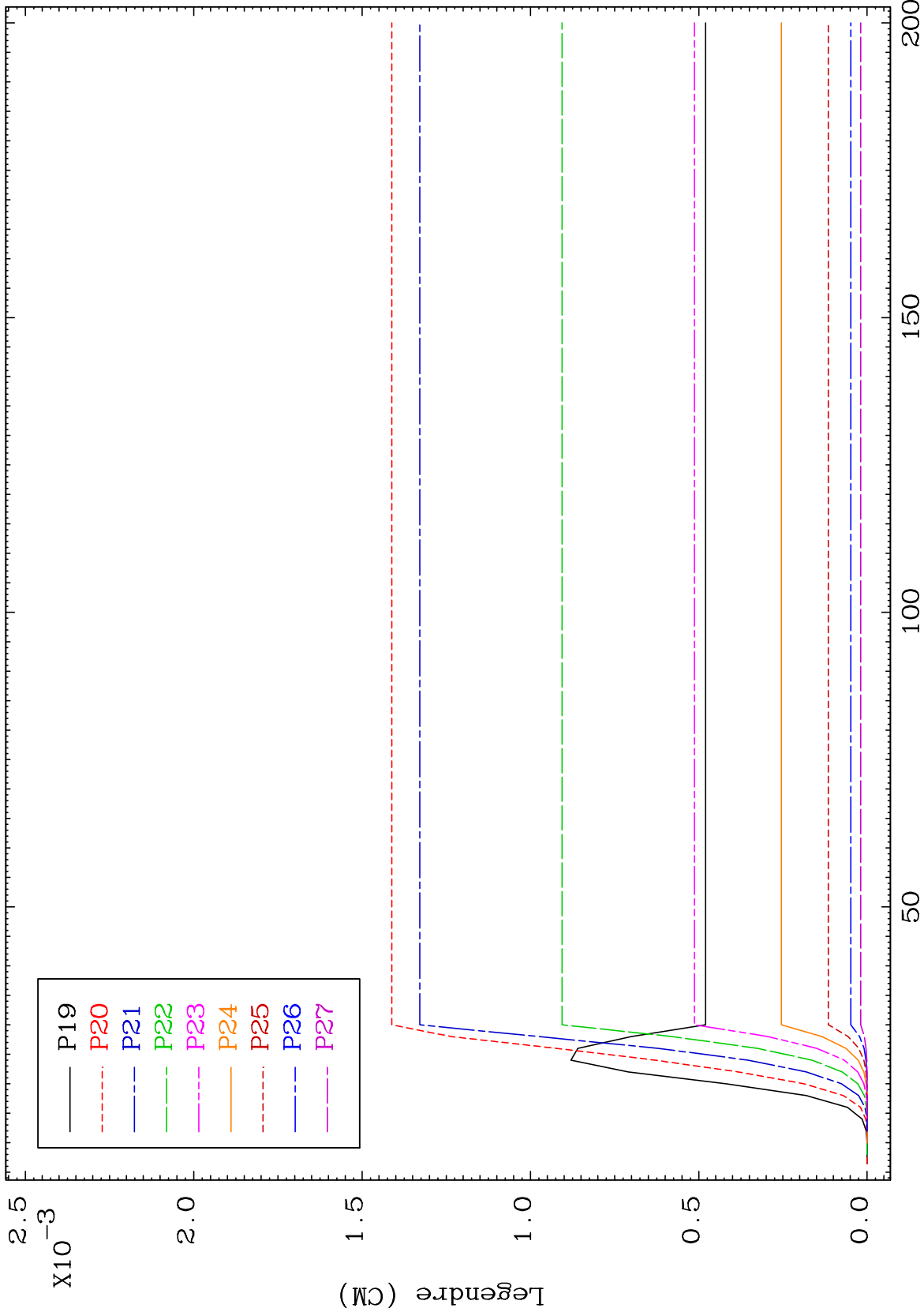




MAT 6519

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

65-Tb-157



46

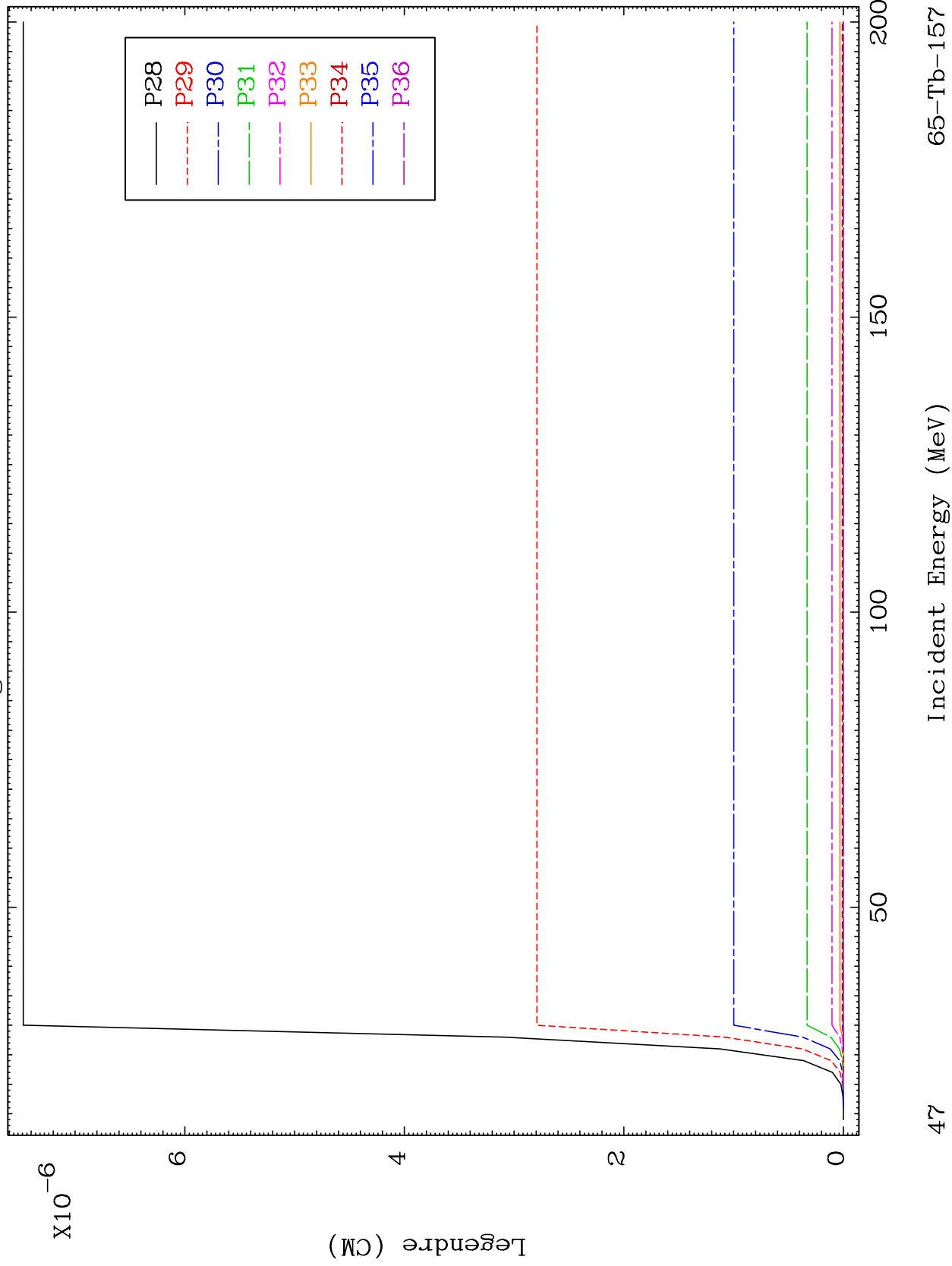
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157

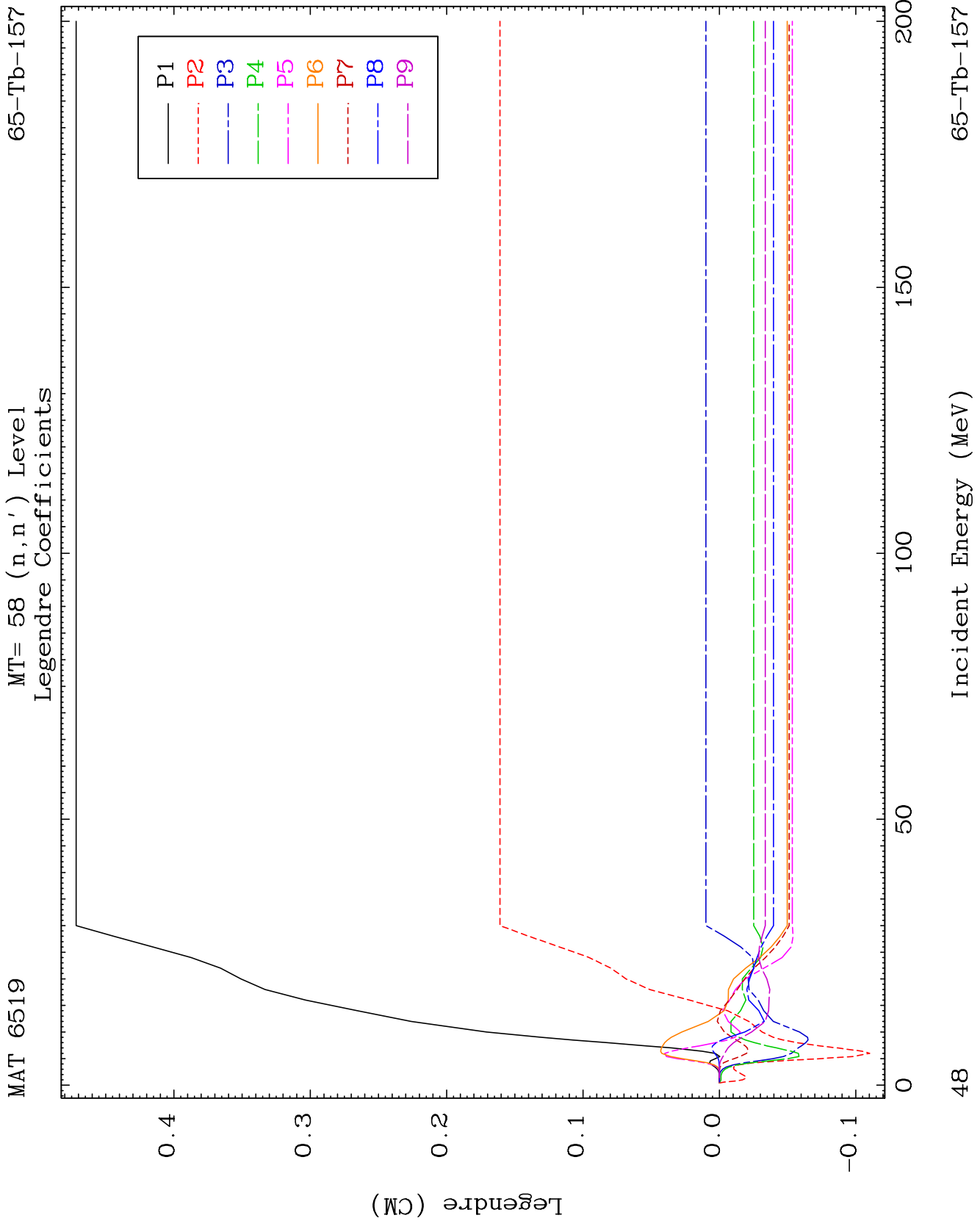


47

Incident Energy (MeV)

65-Tb-157

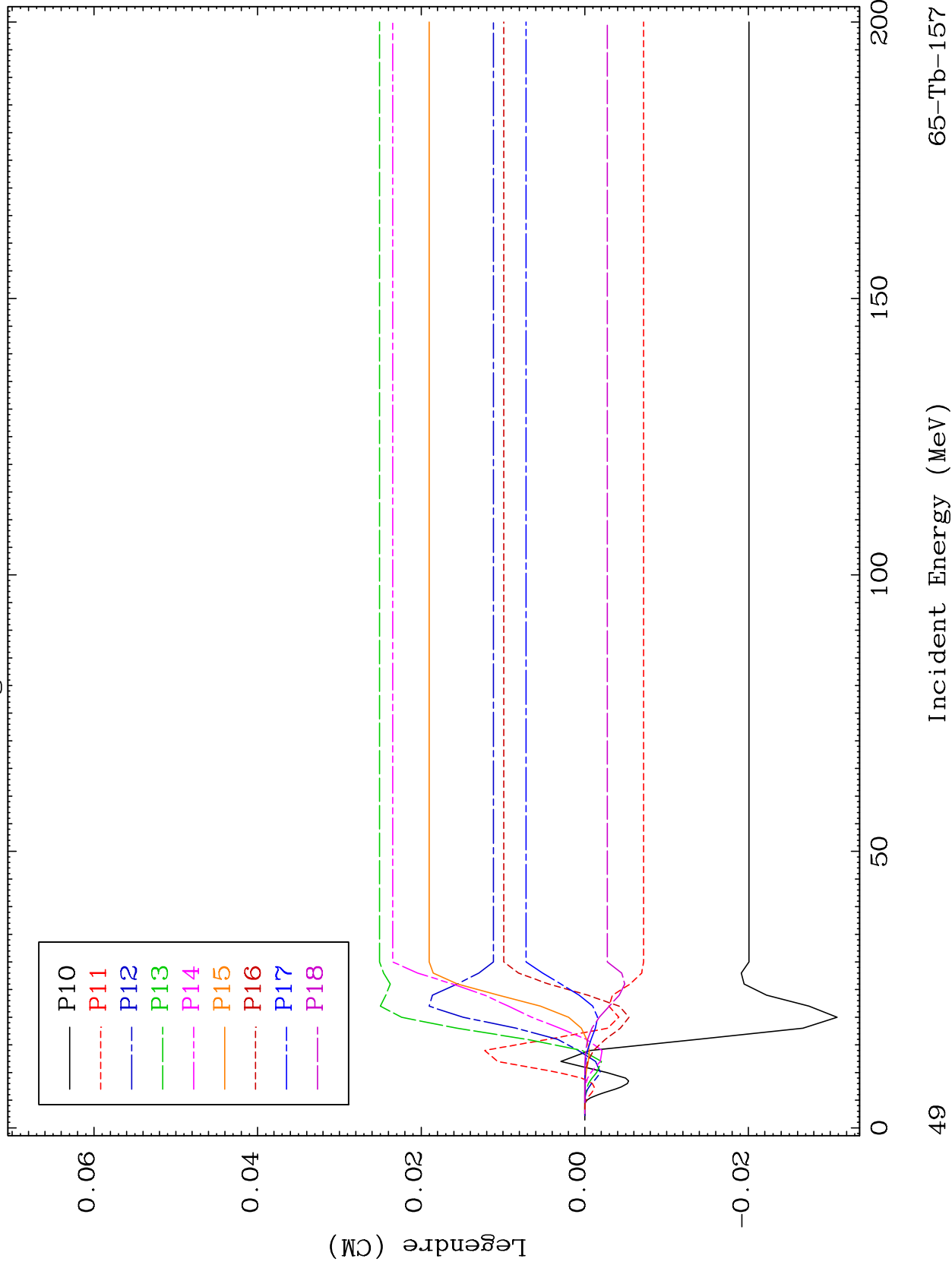




MAT 6519

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

65-Tb-157



49

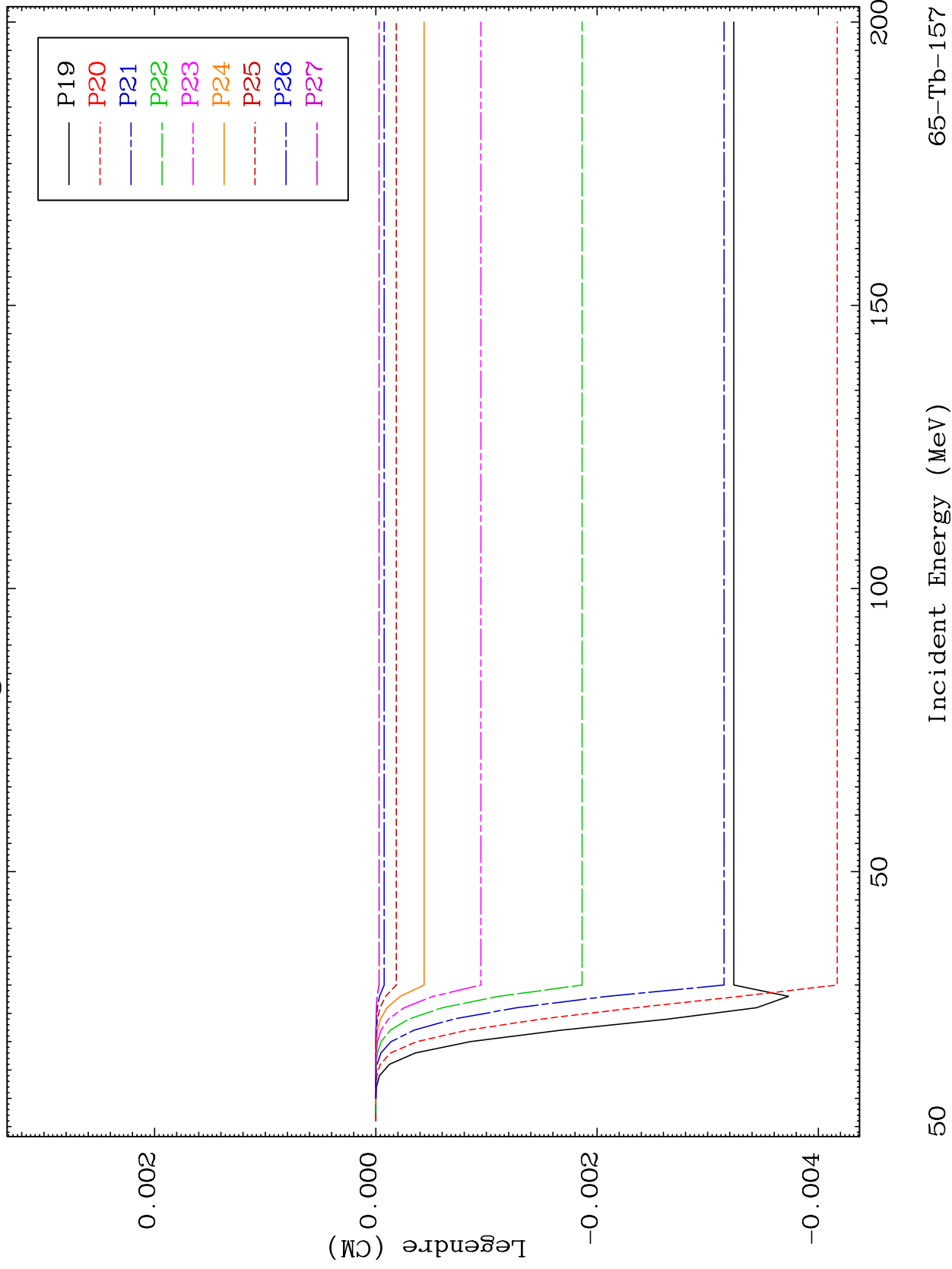
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

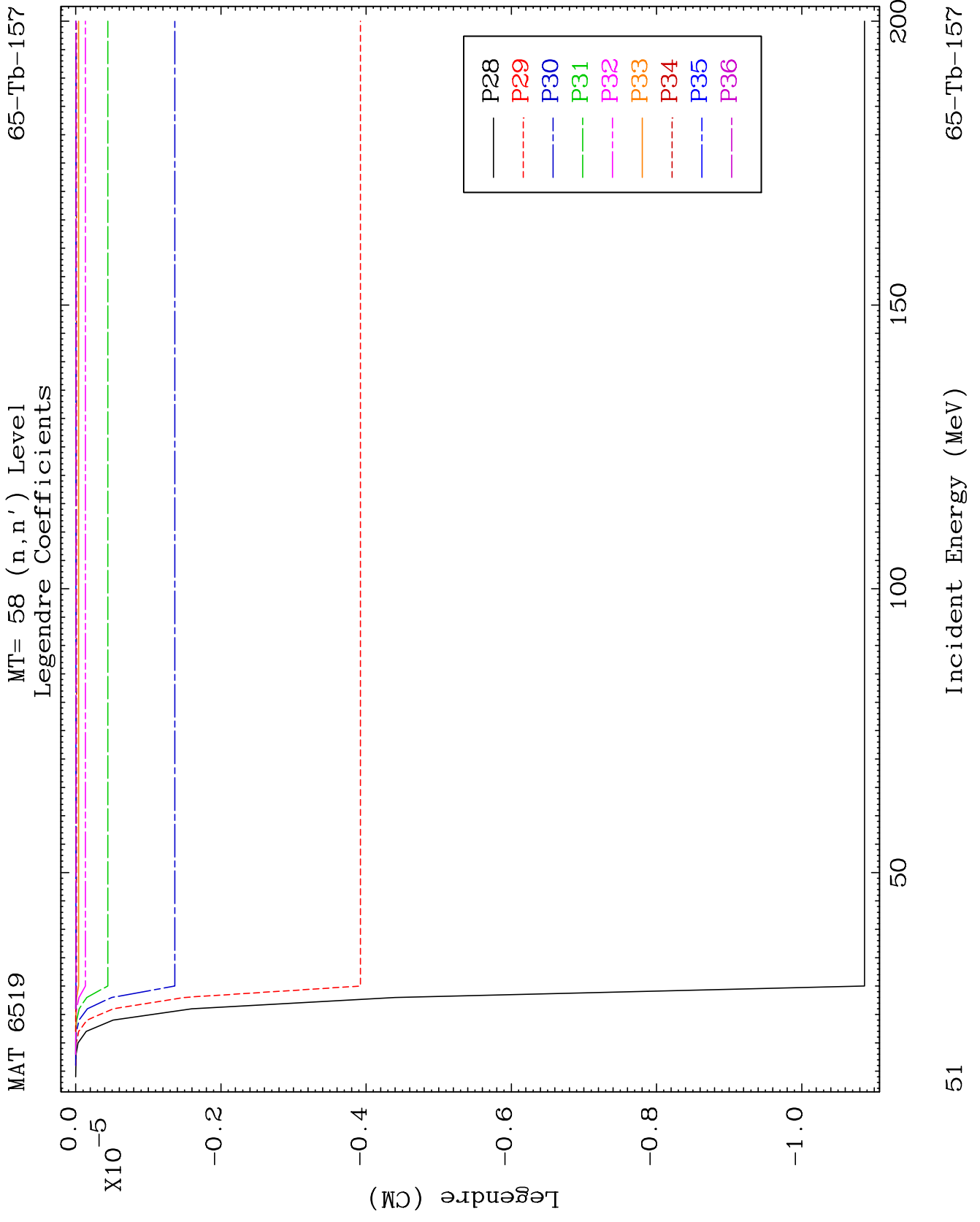
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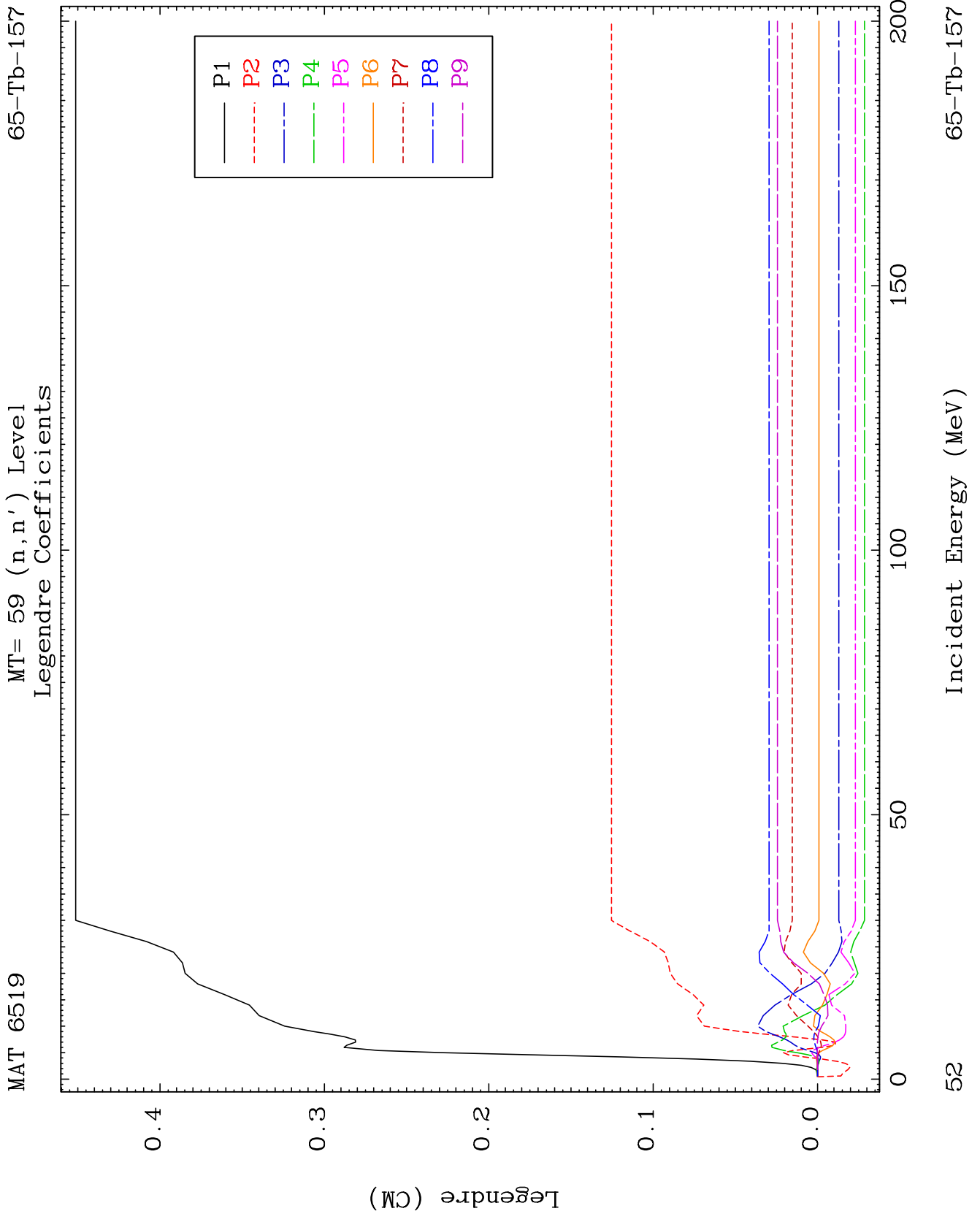


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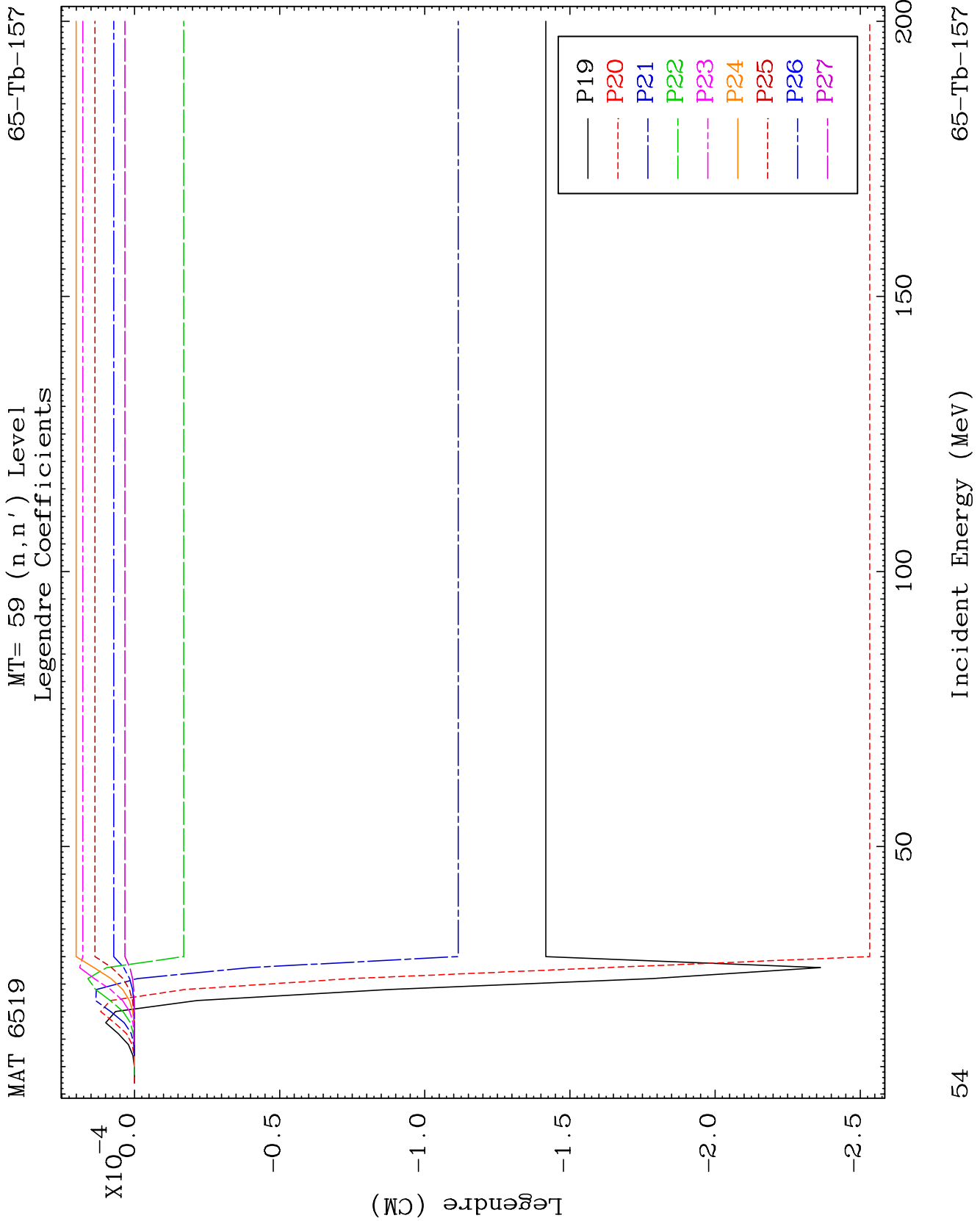
Incident Energy (MeV)

50





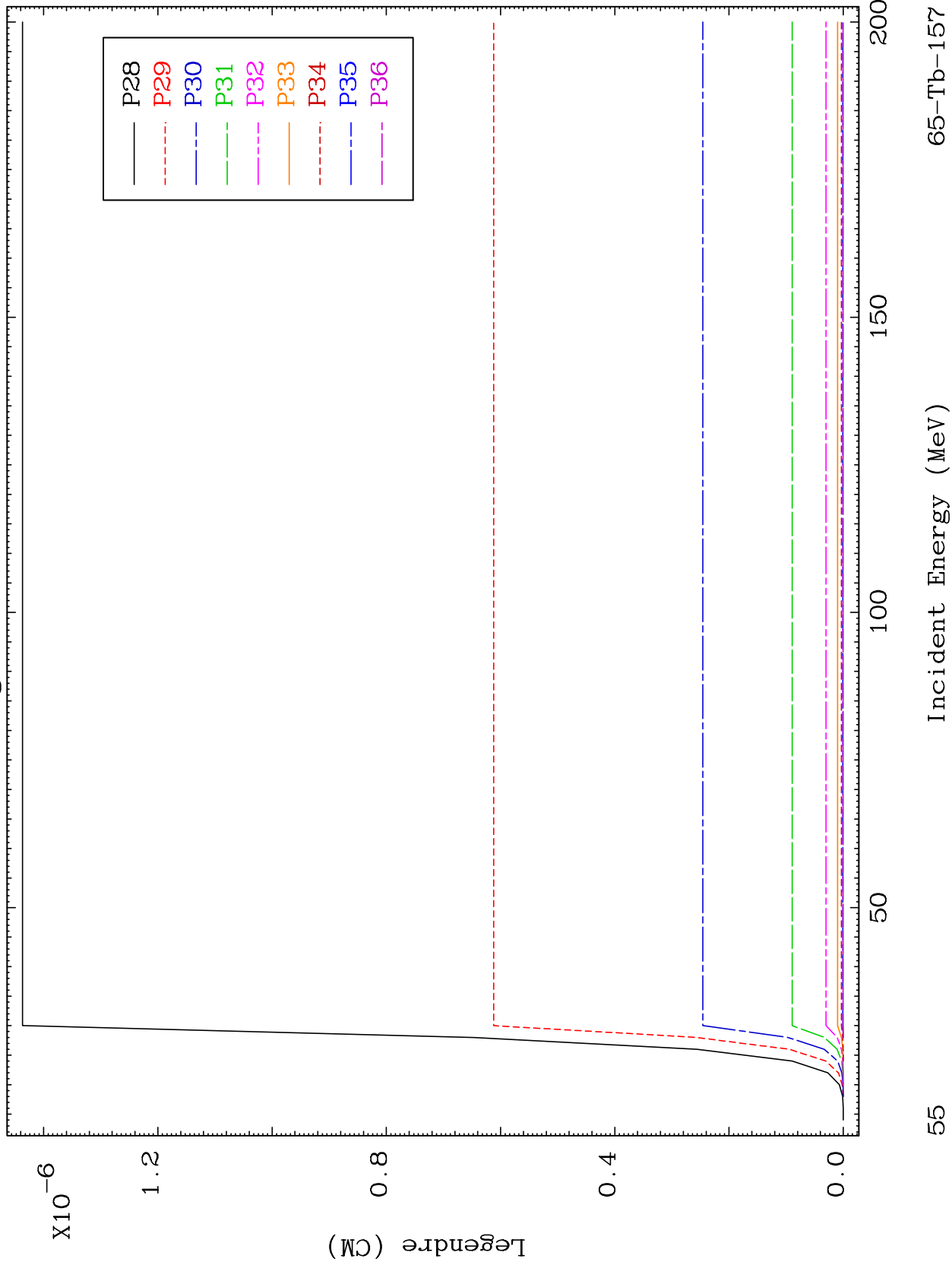




MAT 6519

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

65-Tb-157



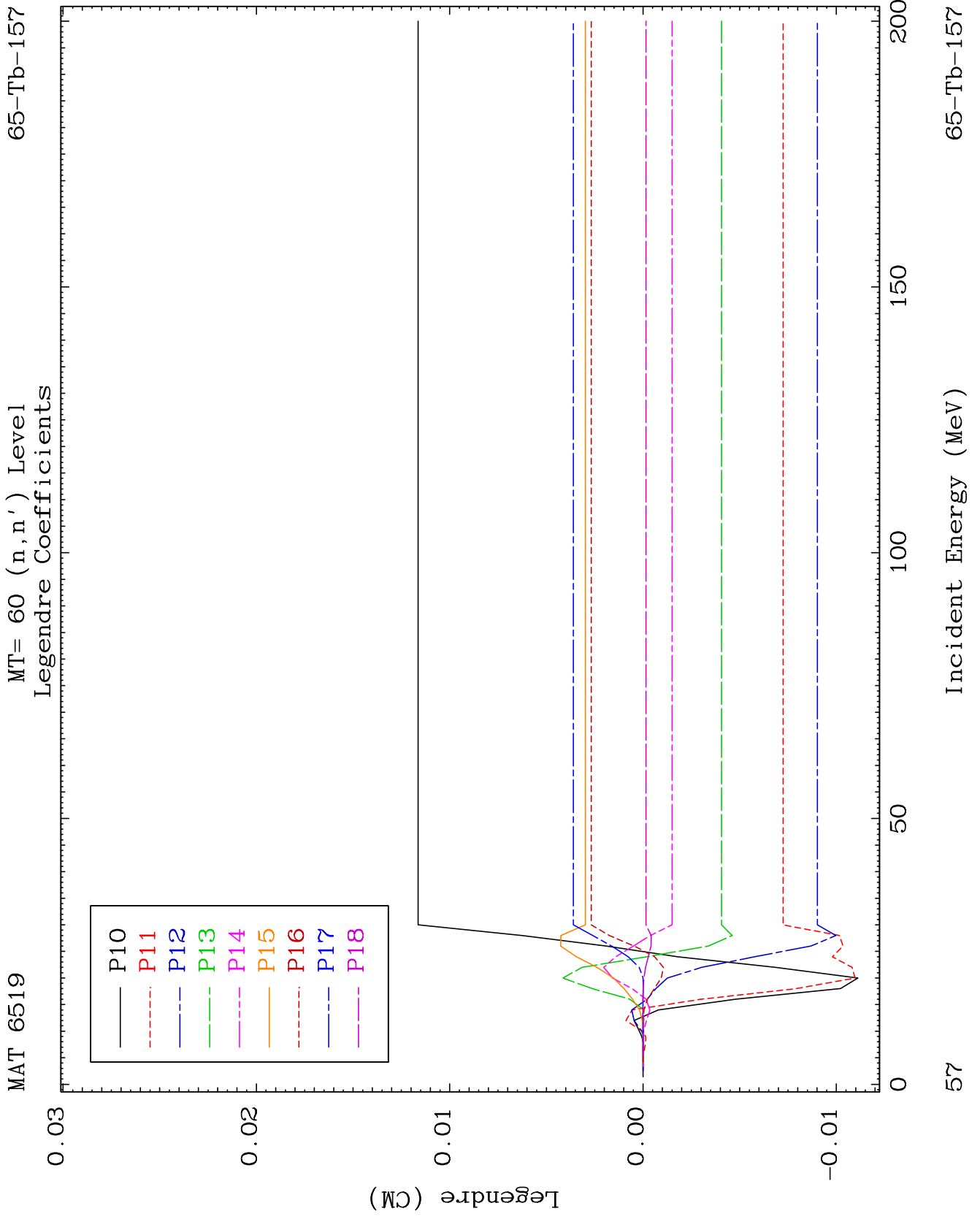
55

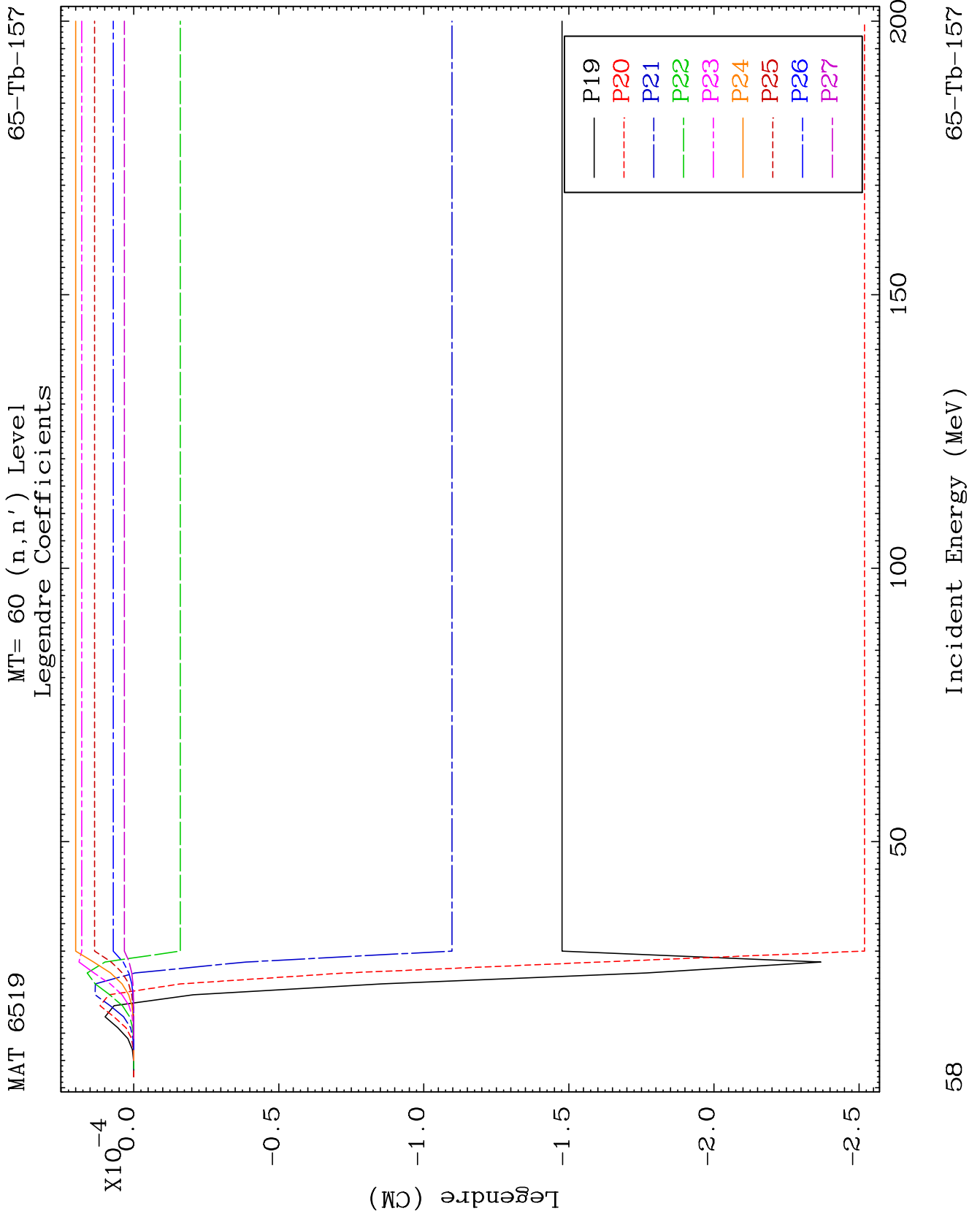
Incident Energy (MeV)

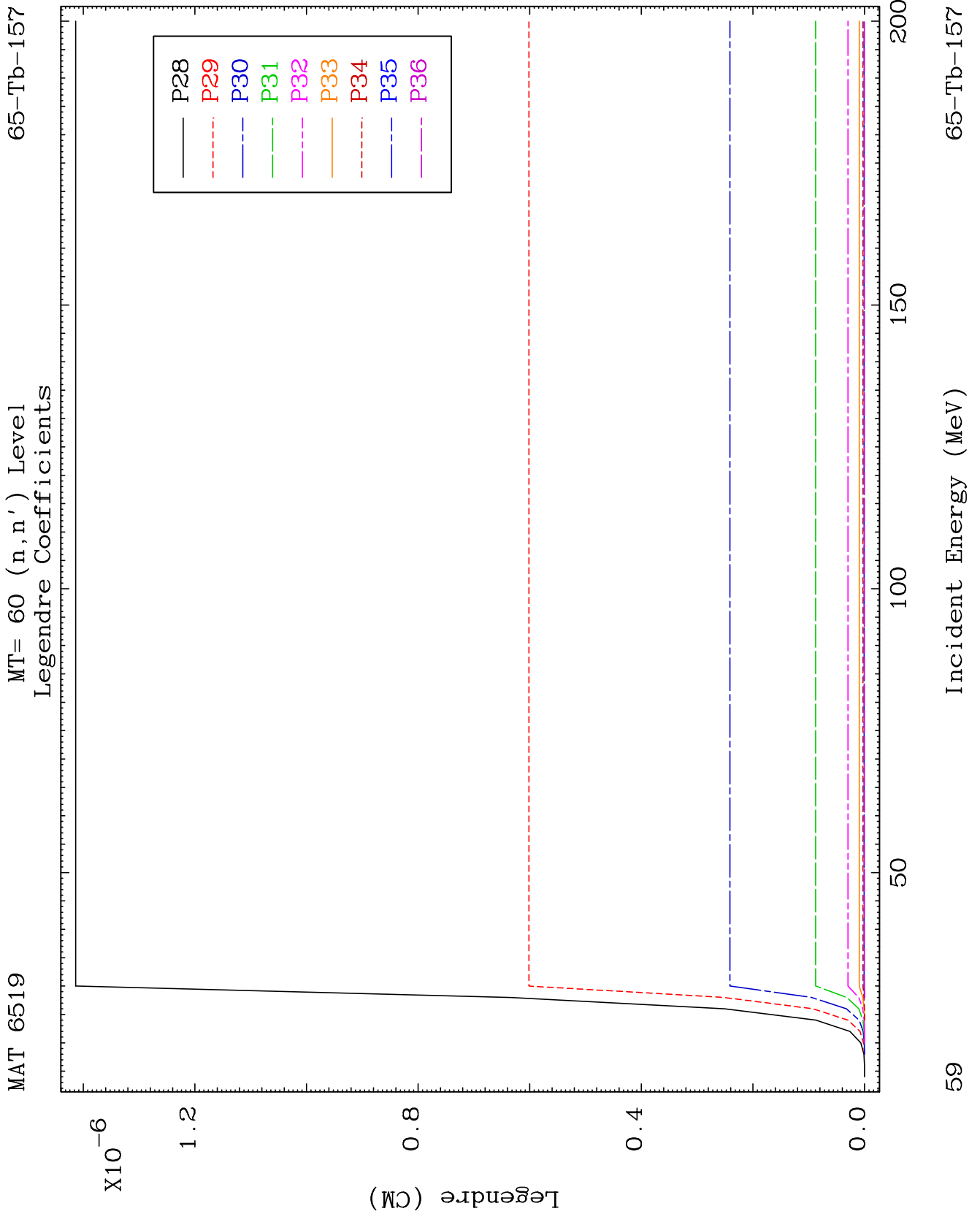
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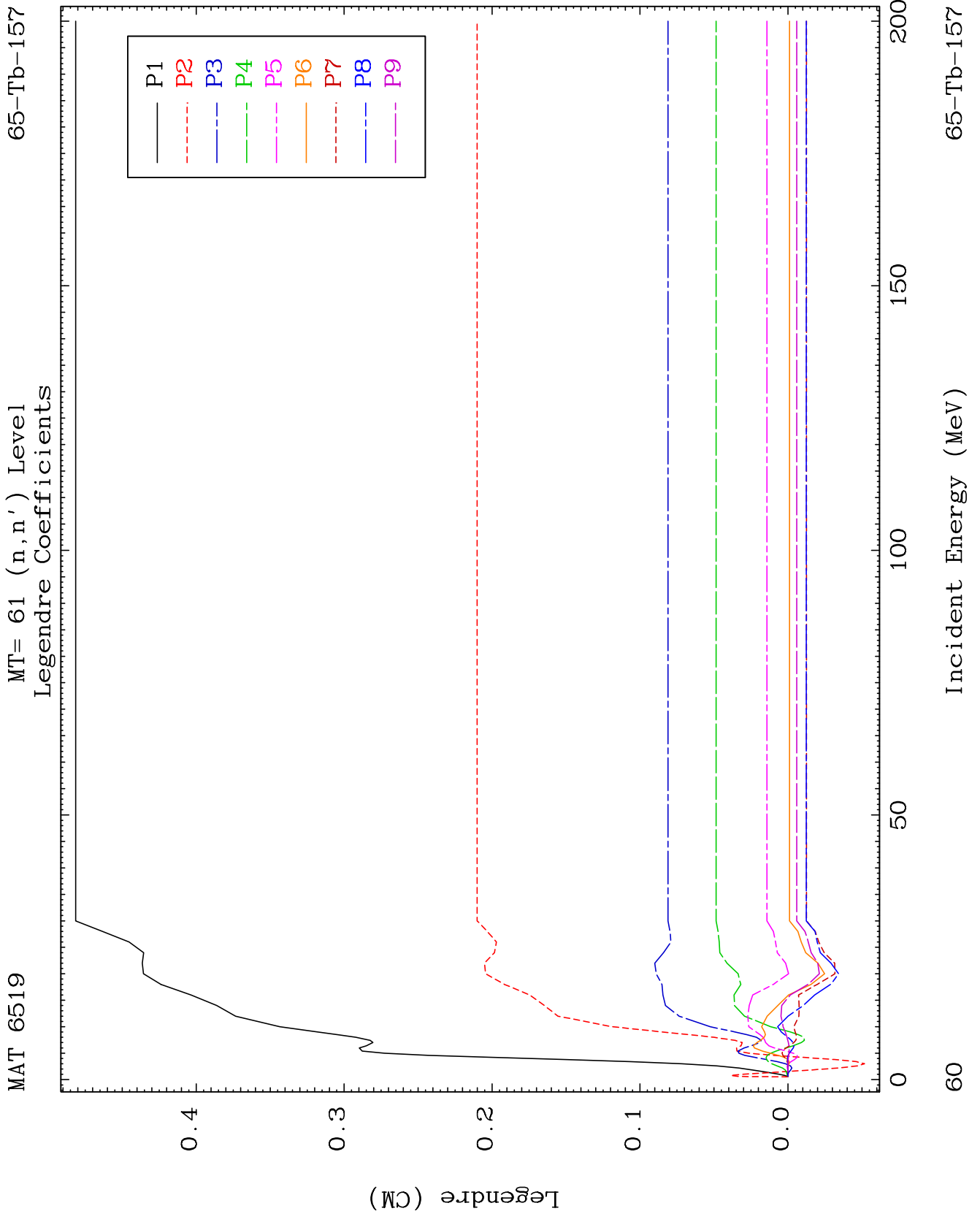


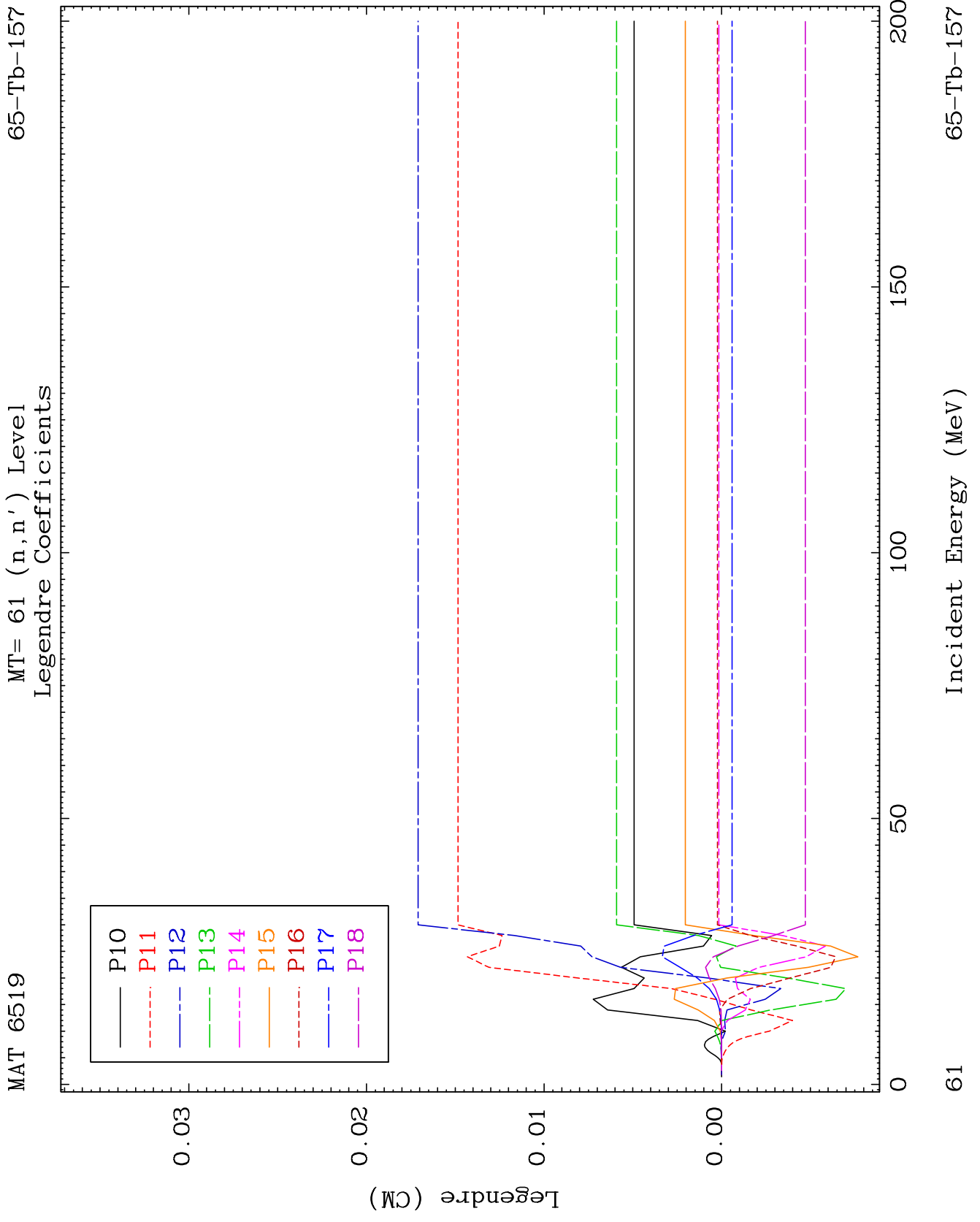


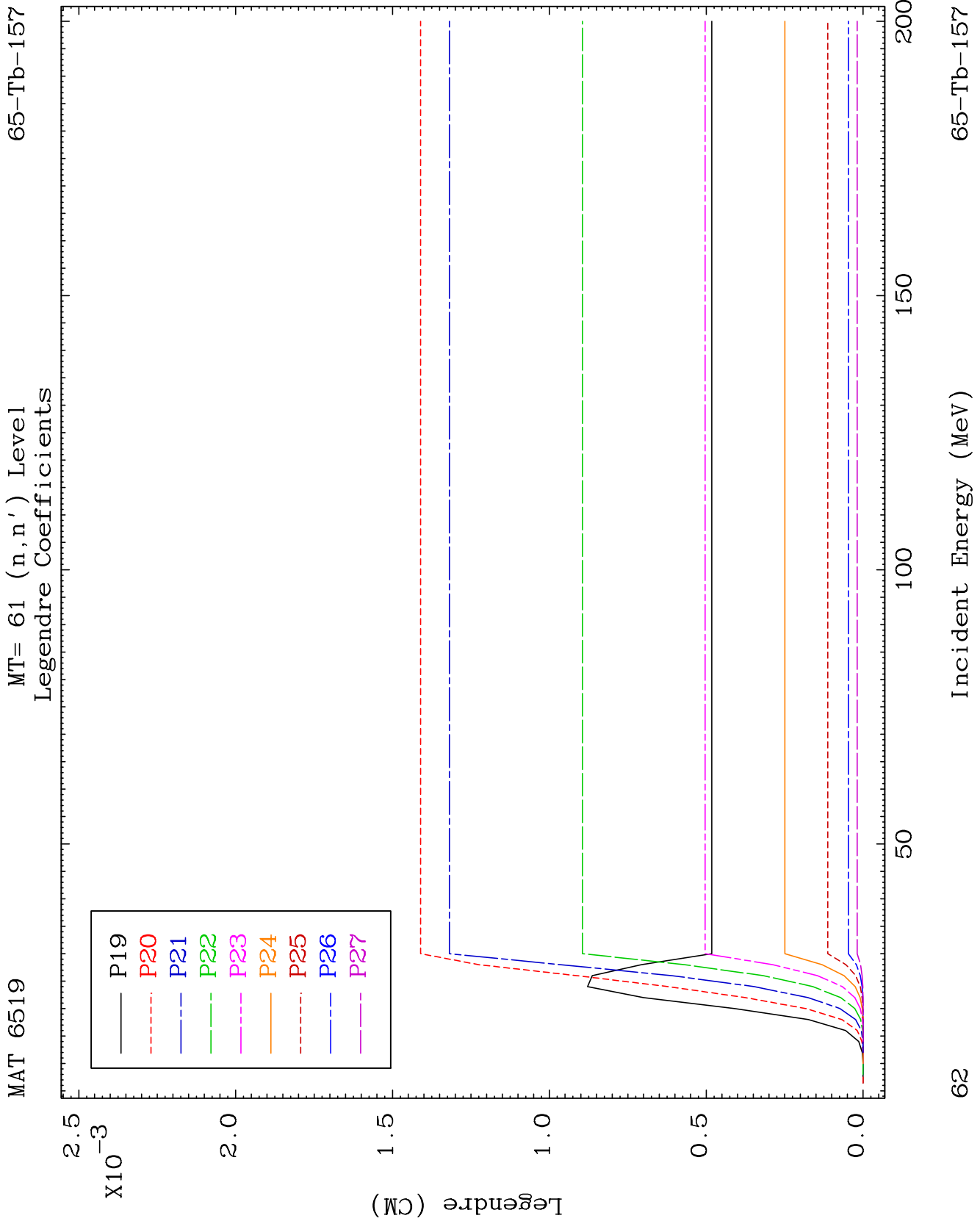


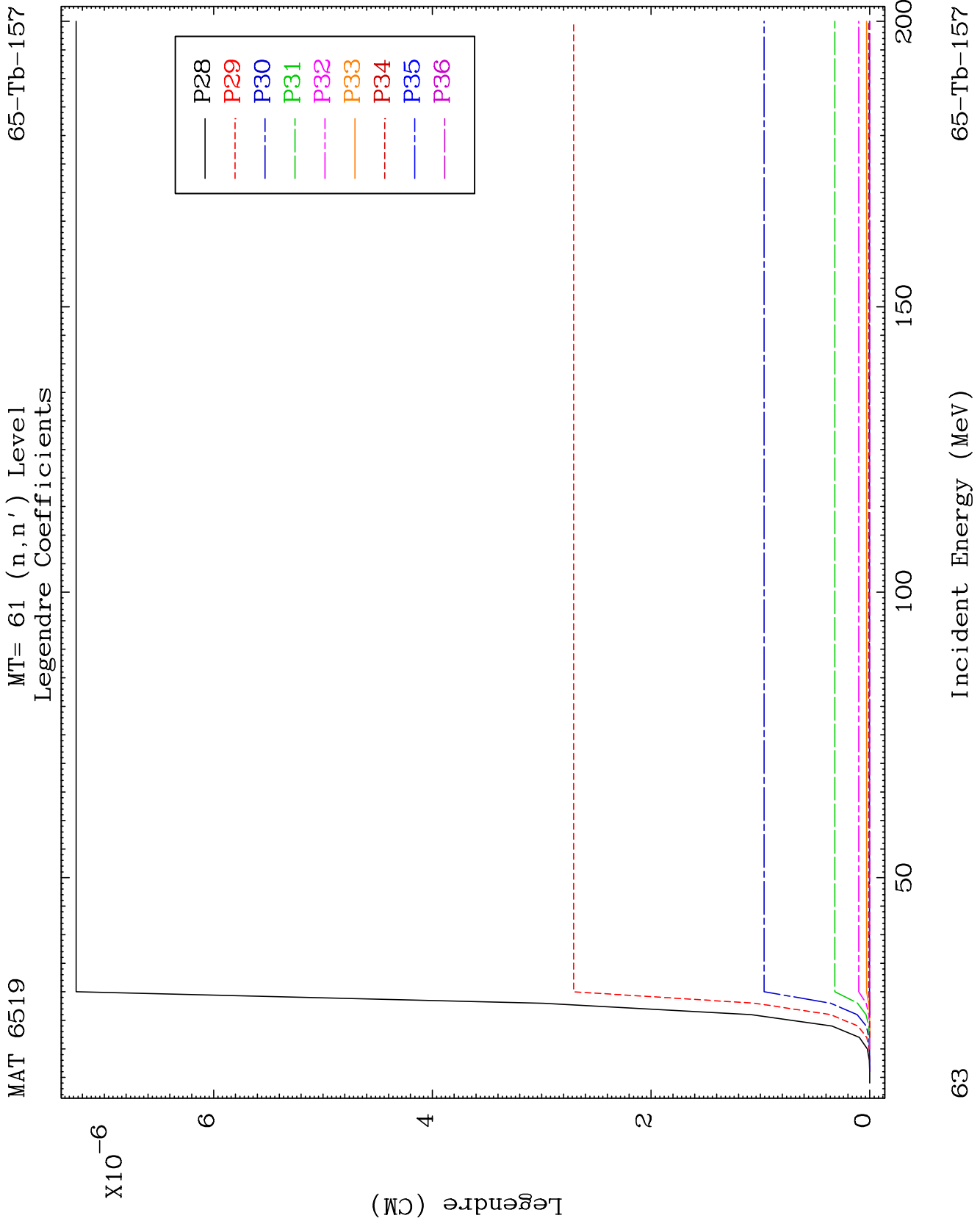




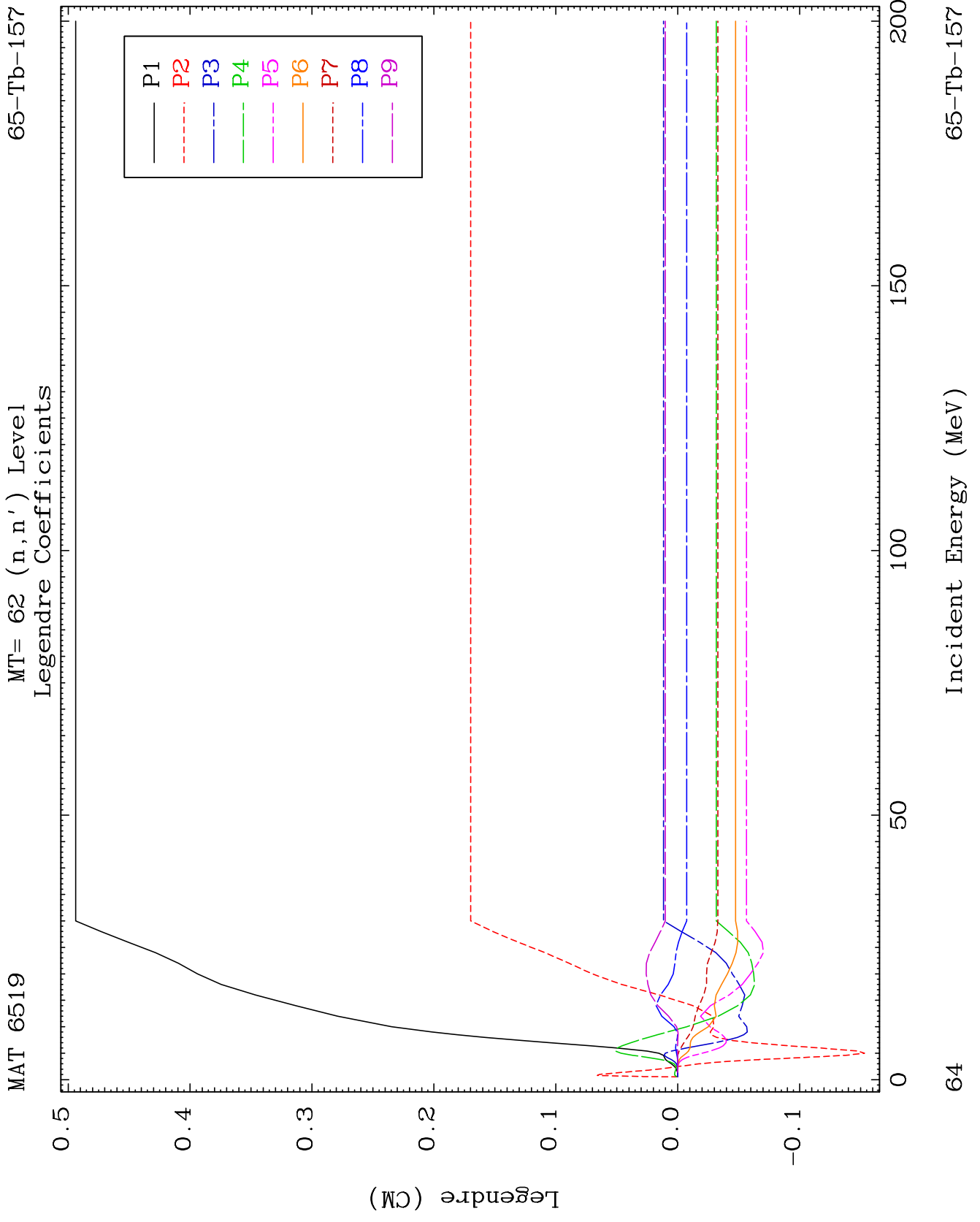




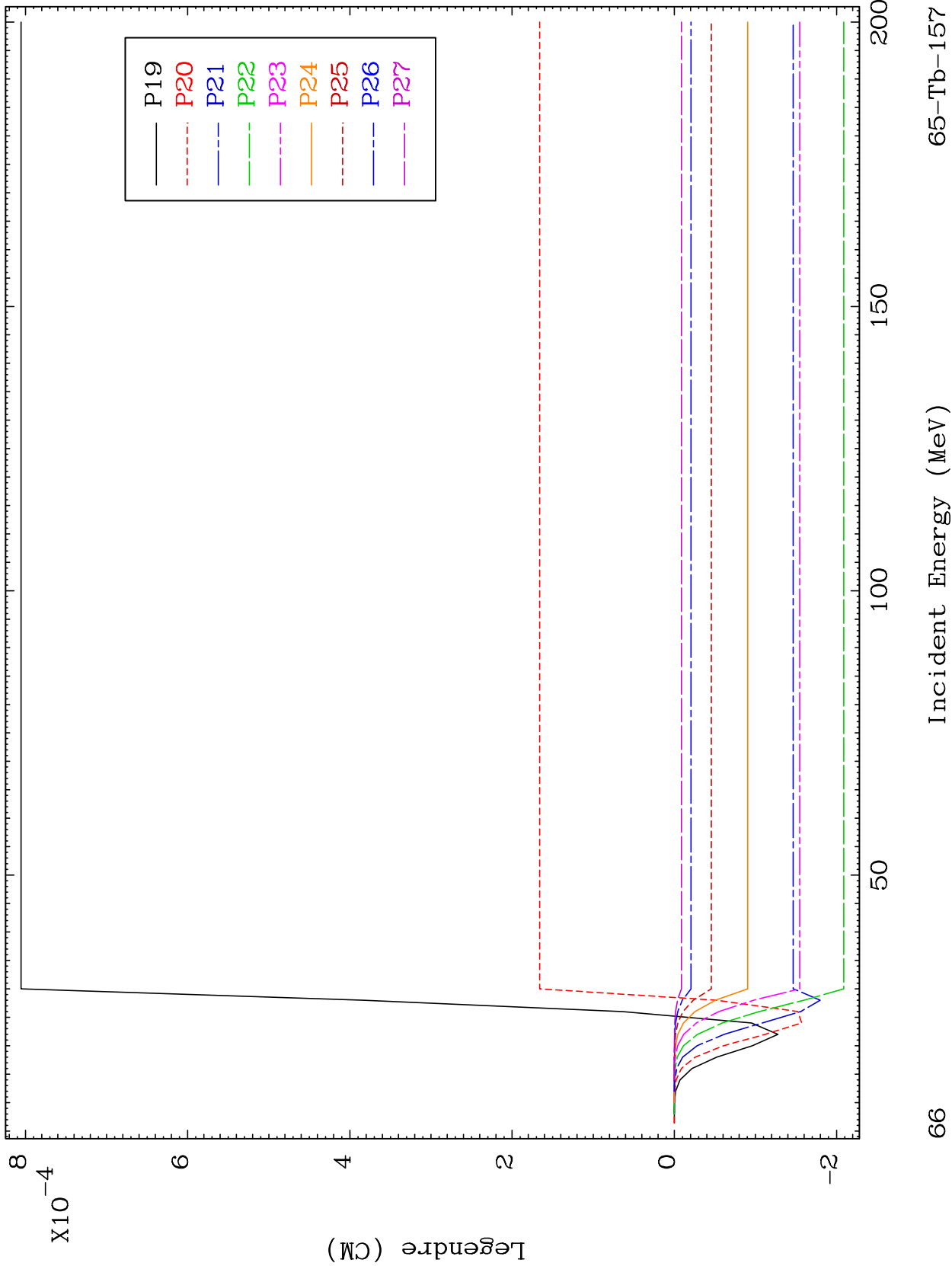




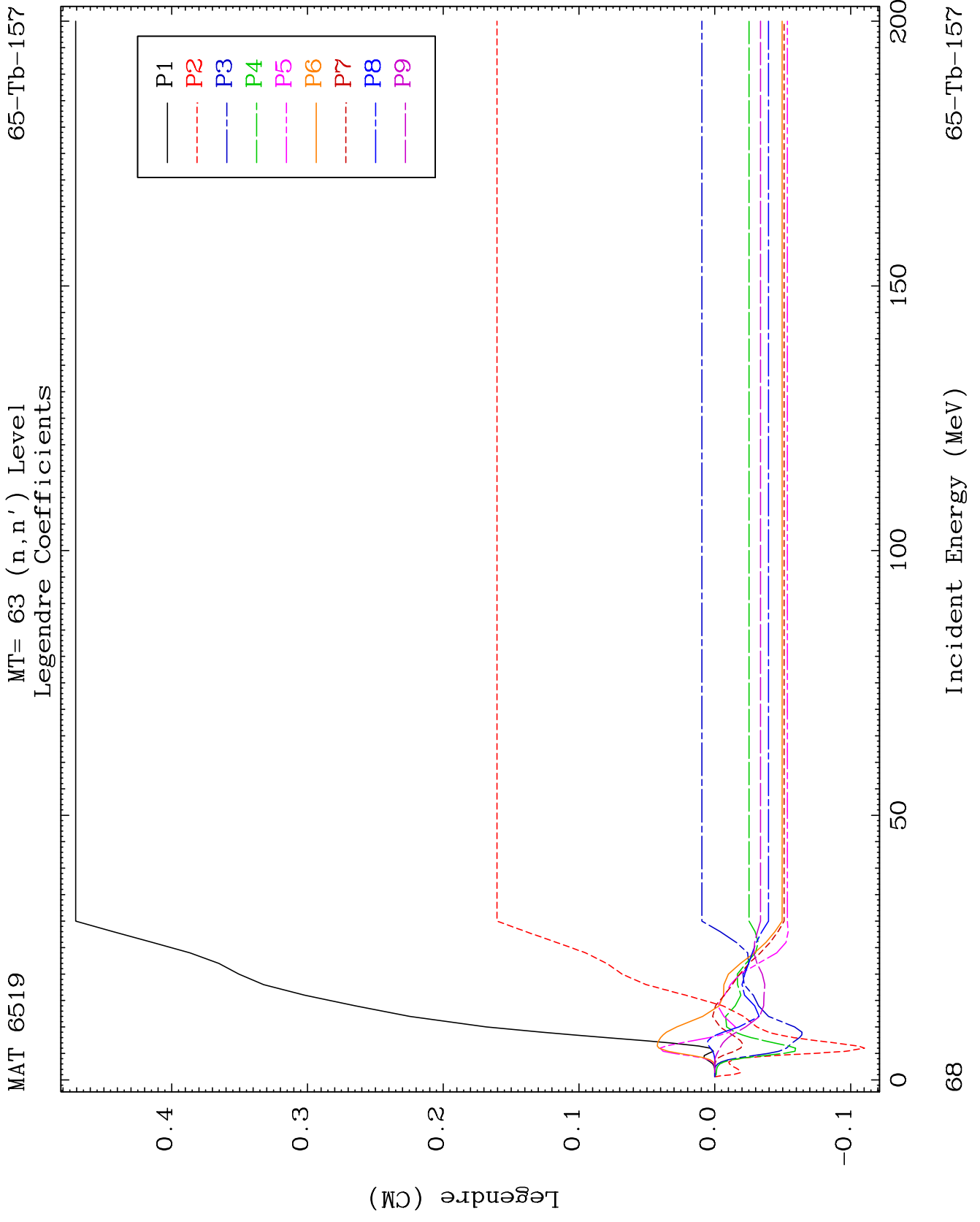








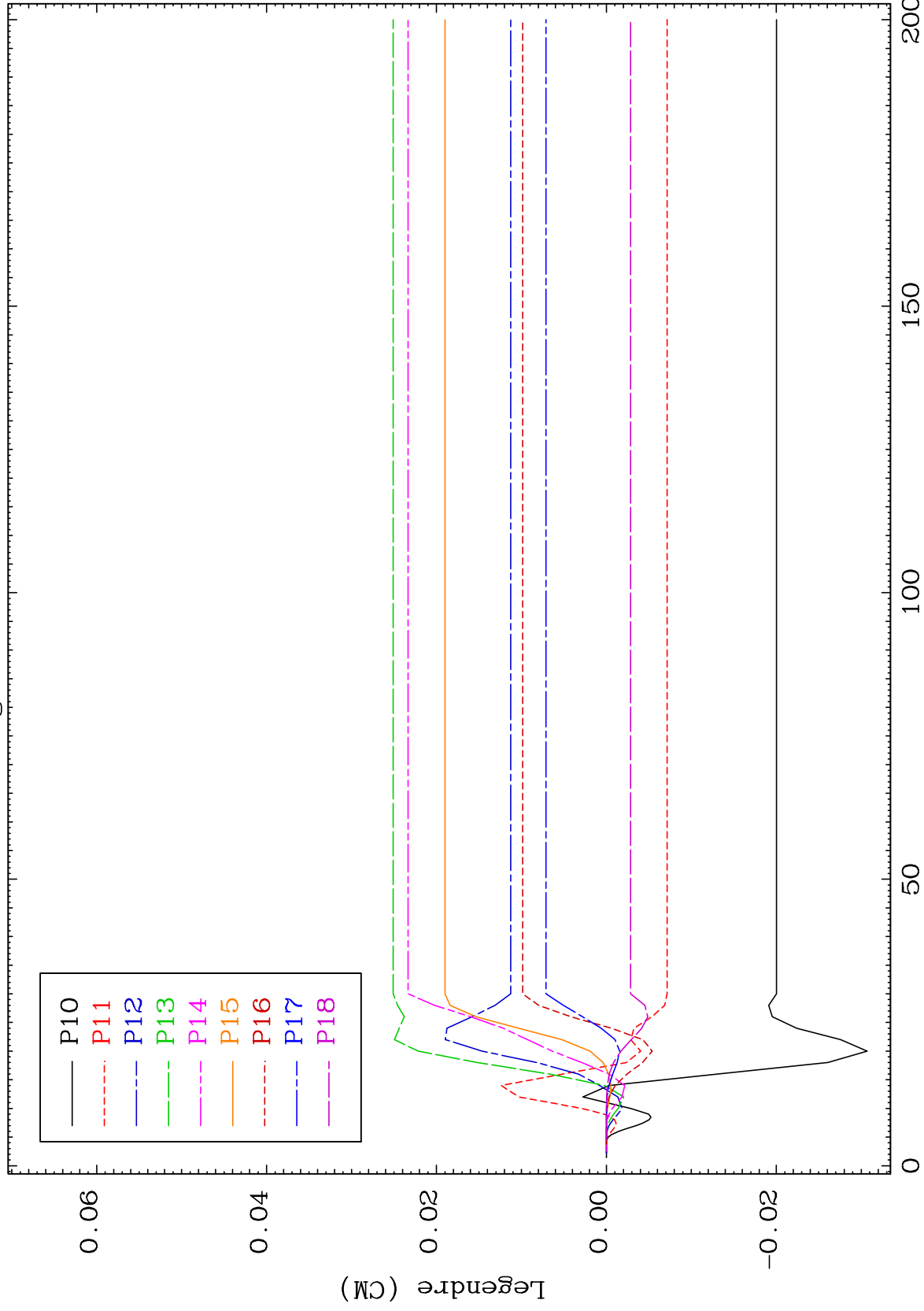




MAT 6519

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

65-Tb-157



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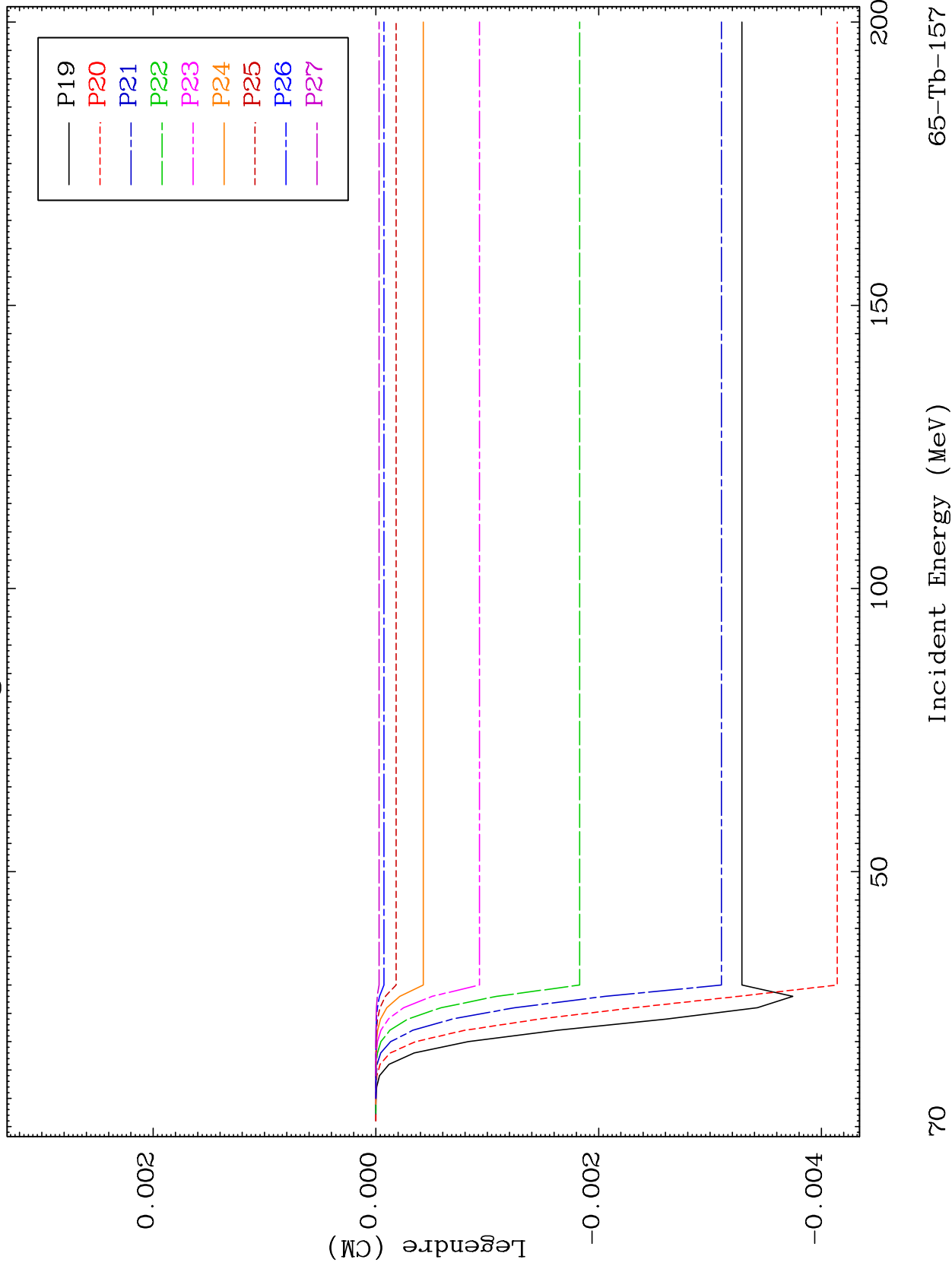
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

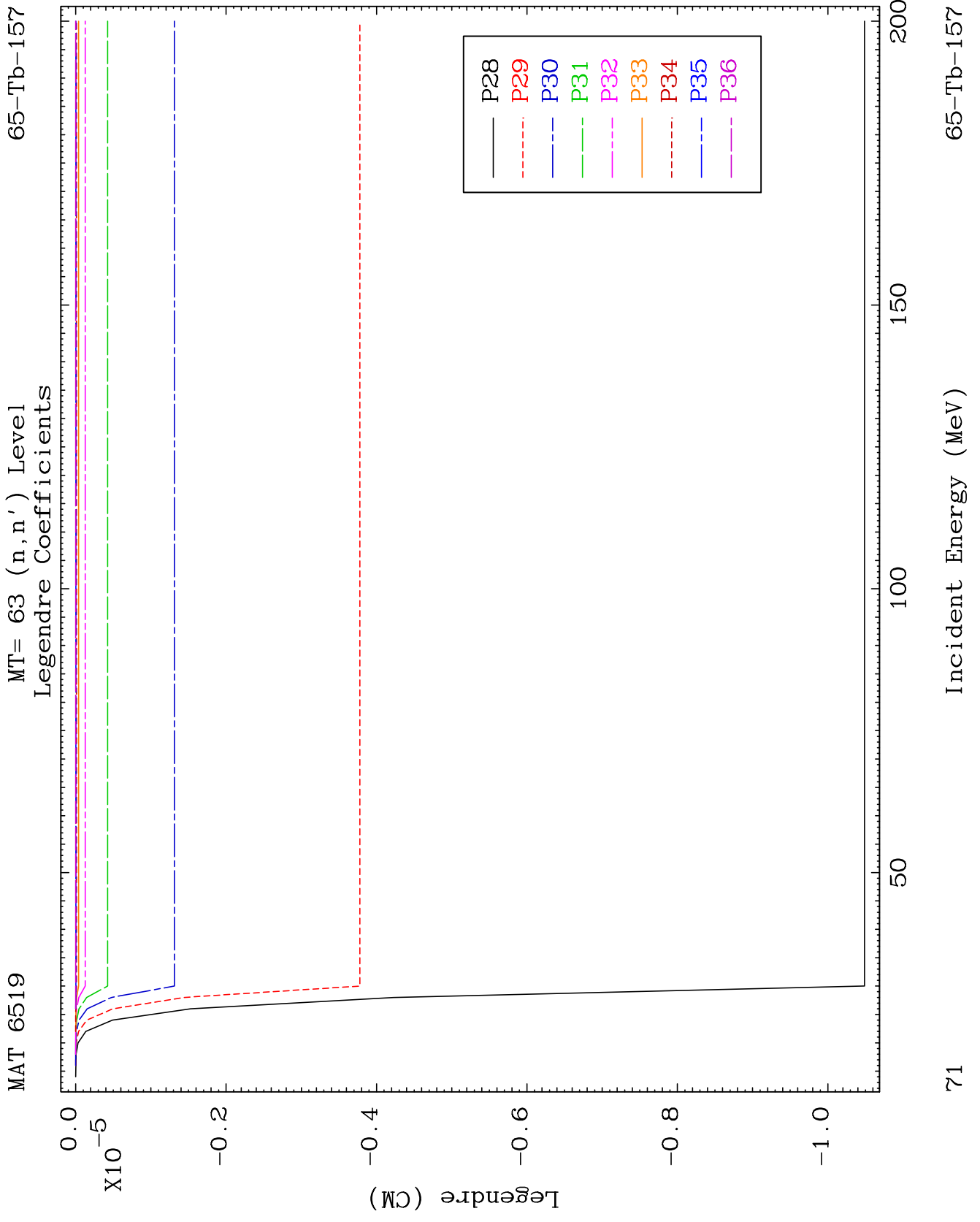
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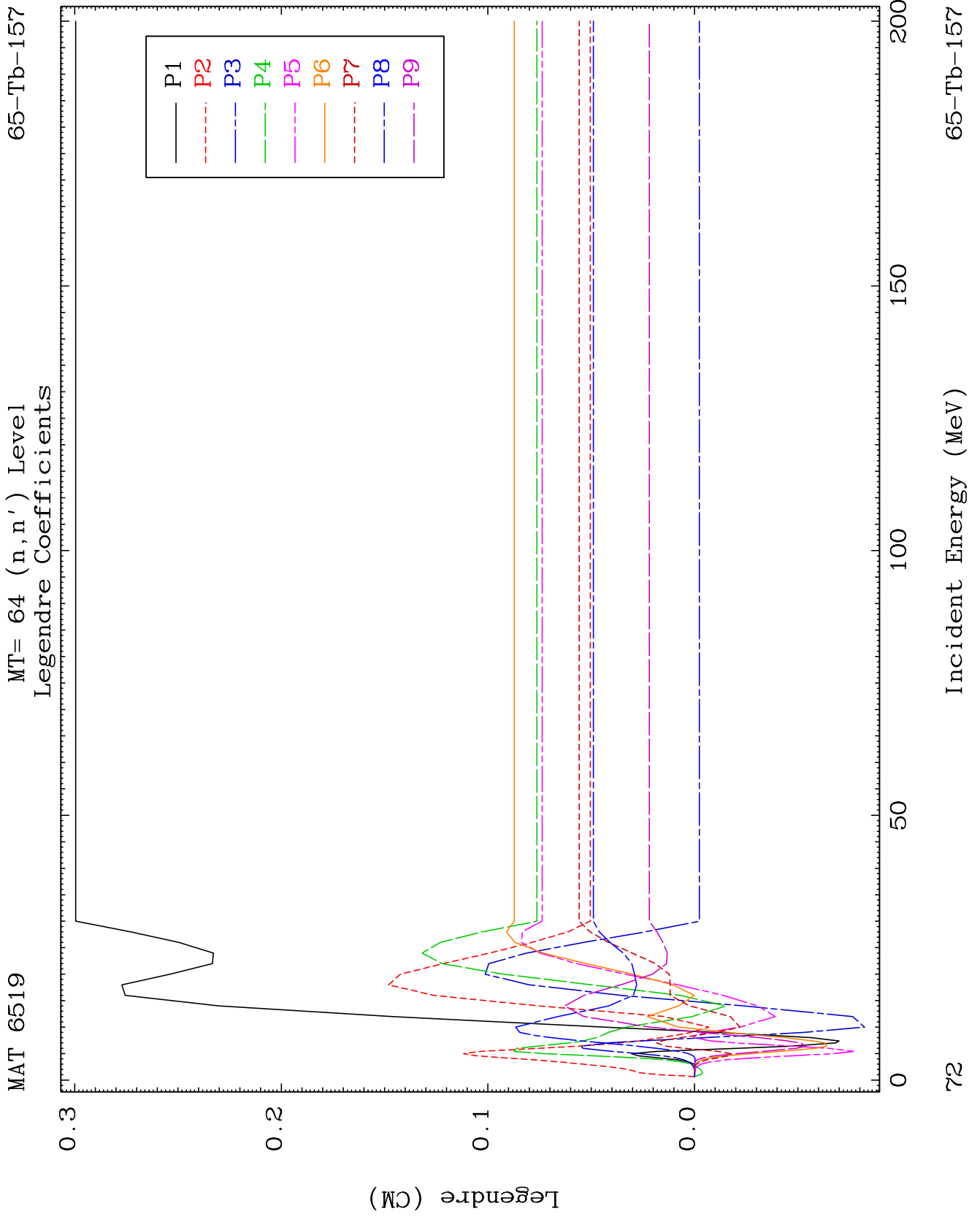
70

Incident Energy (MeV)

65-Tb-157



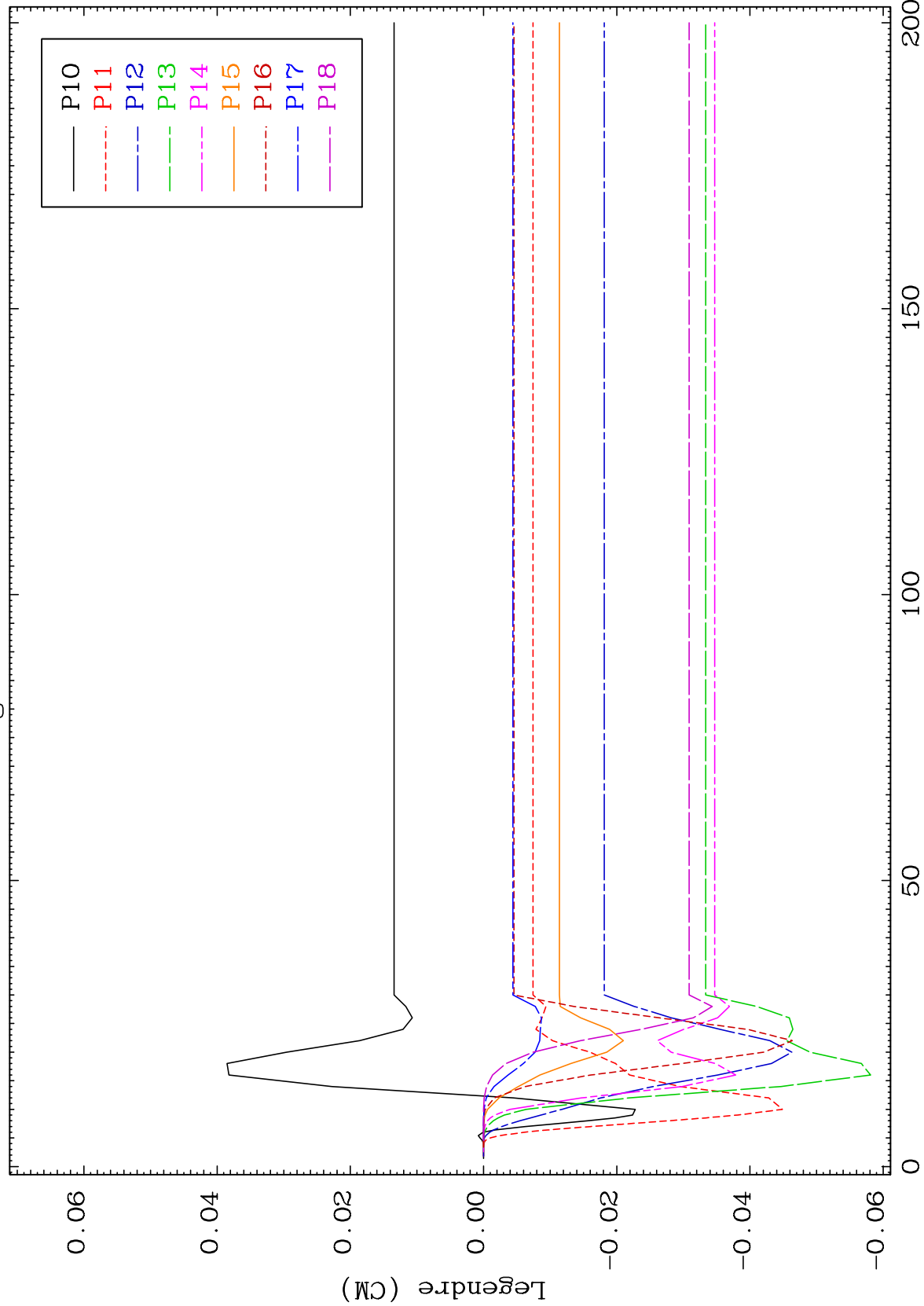




MAT 6519

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

65-Tb-157

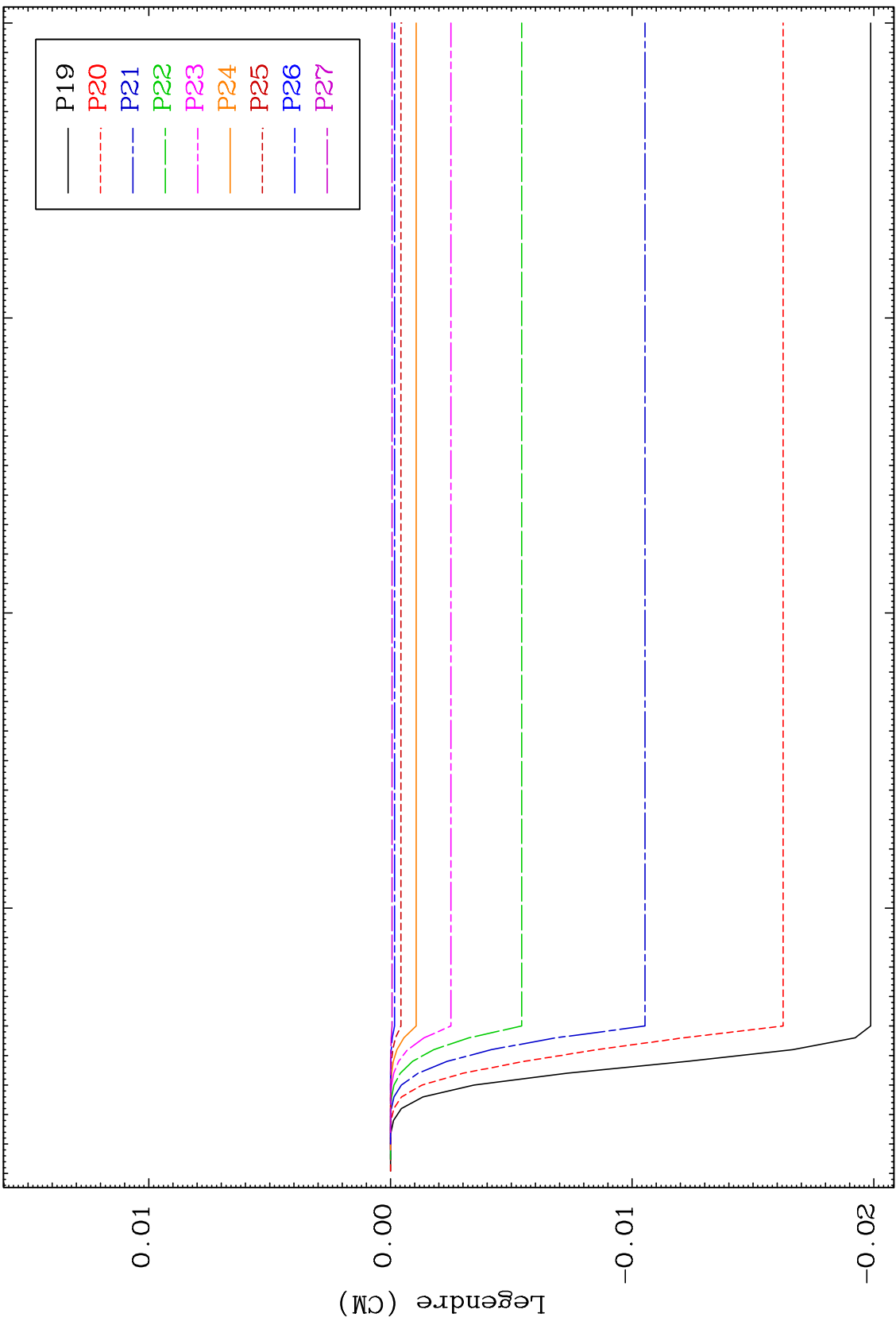


73

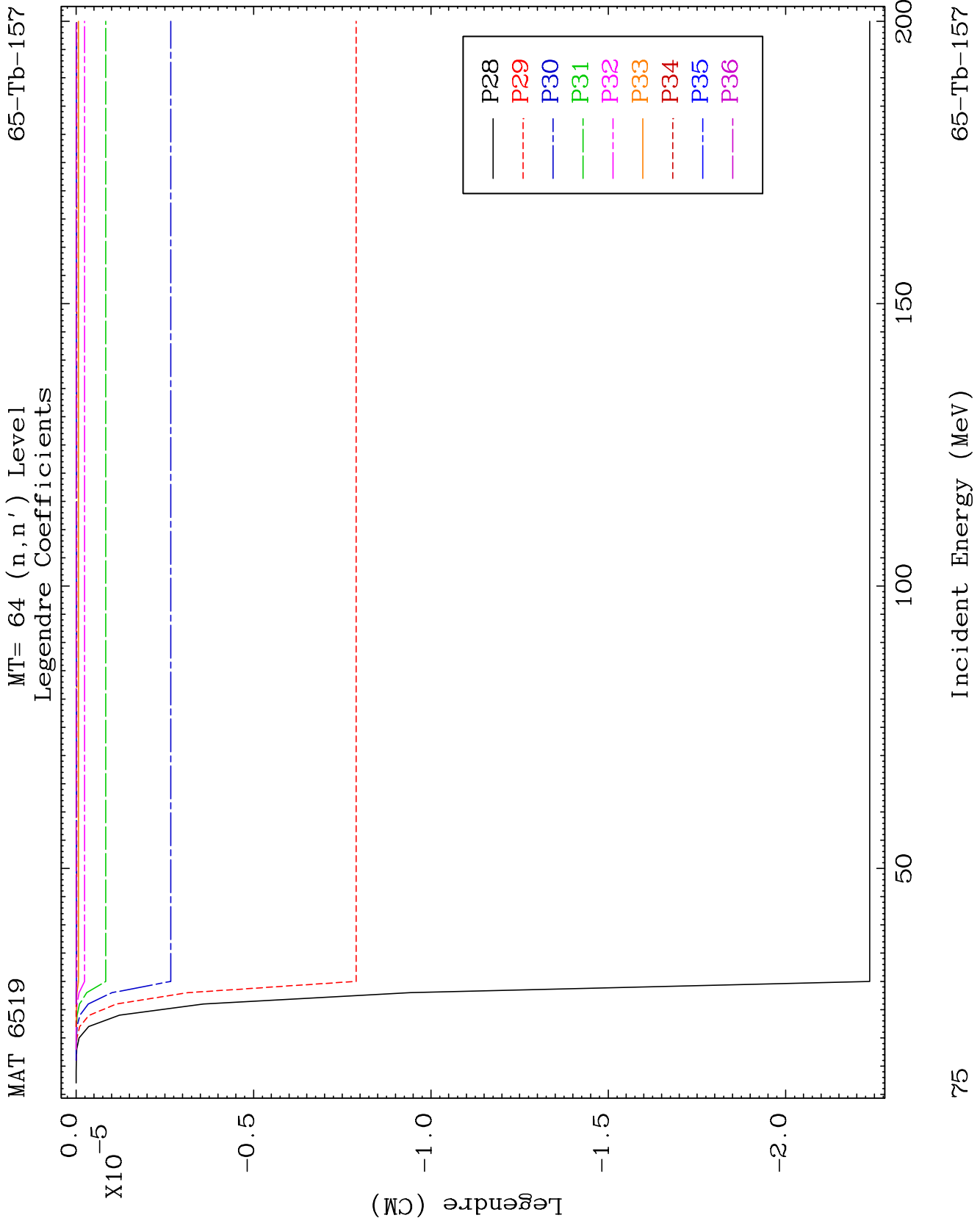
Incident Energy (MeV)

65-Tb-157

MAT 6519 MT= 64 (n,n') Level Legendre Coefficients 65-Tb-157



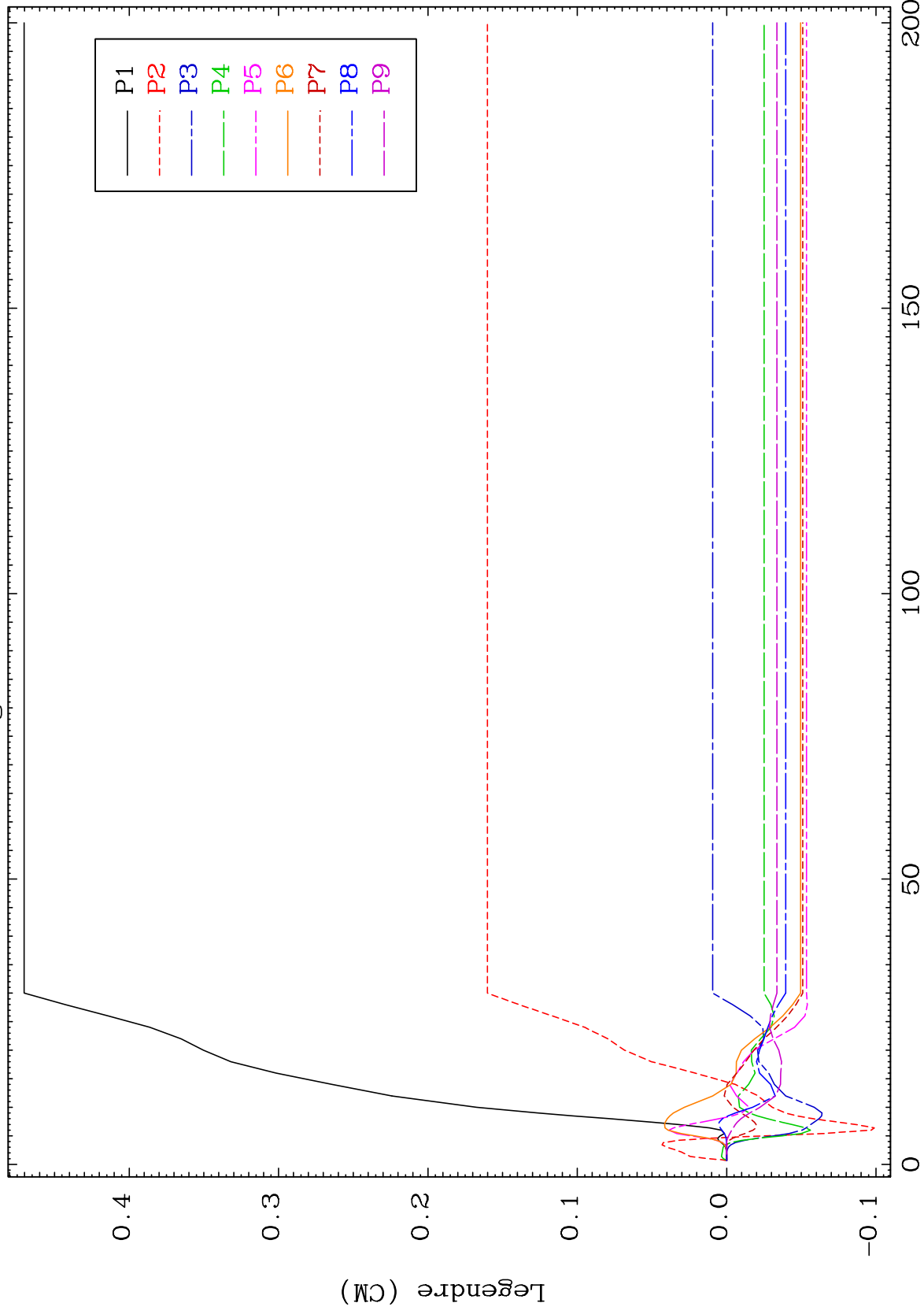
74 65-Tb-157



MAT 6519

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

65-Tb-157



76

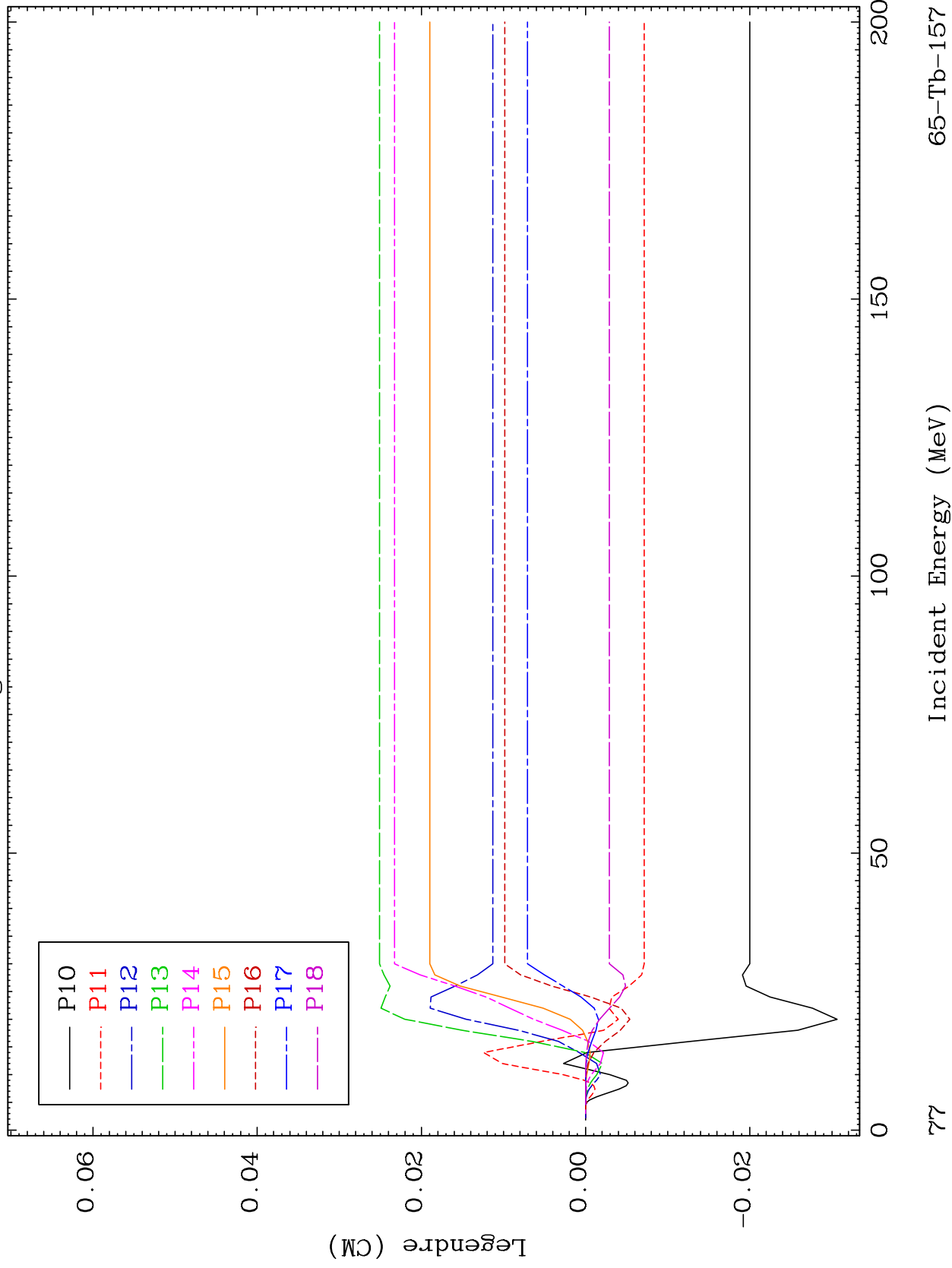
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



77

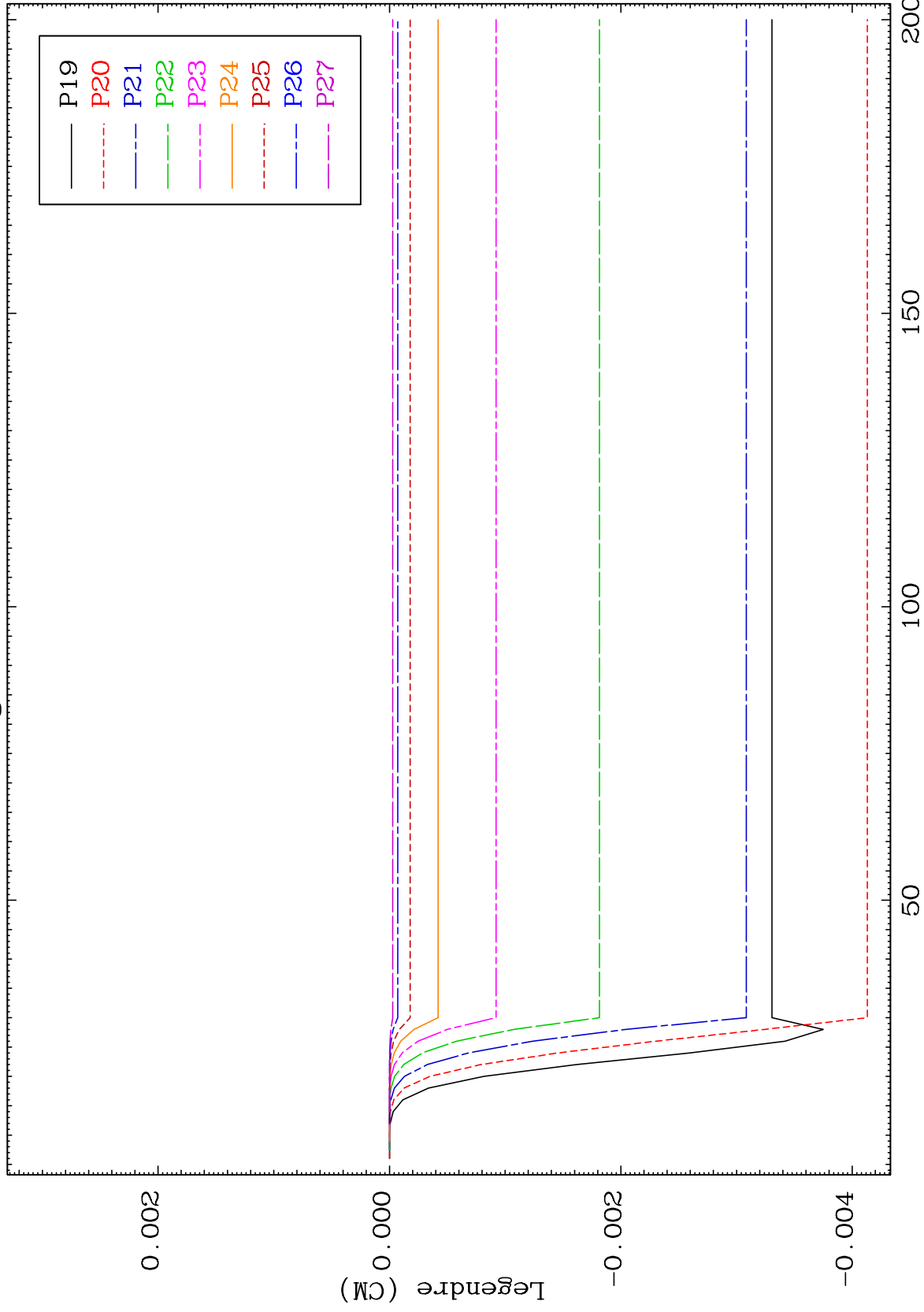
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



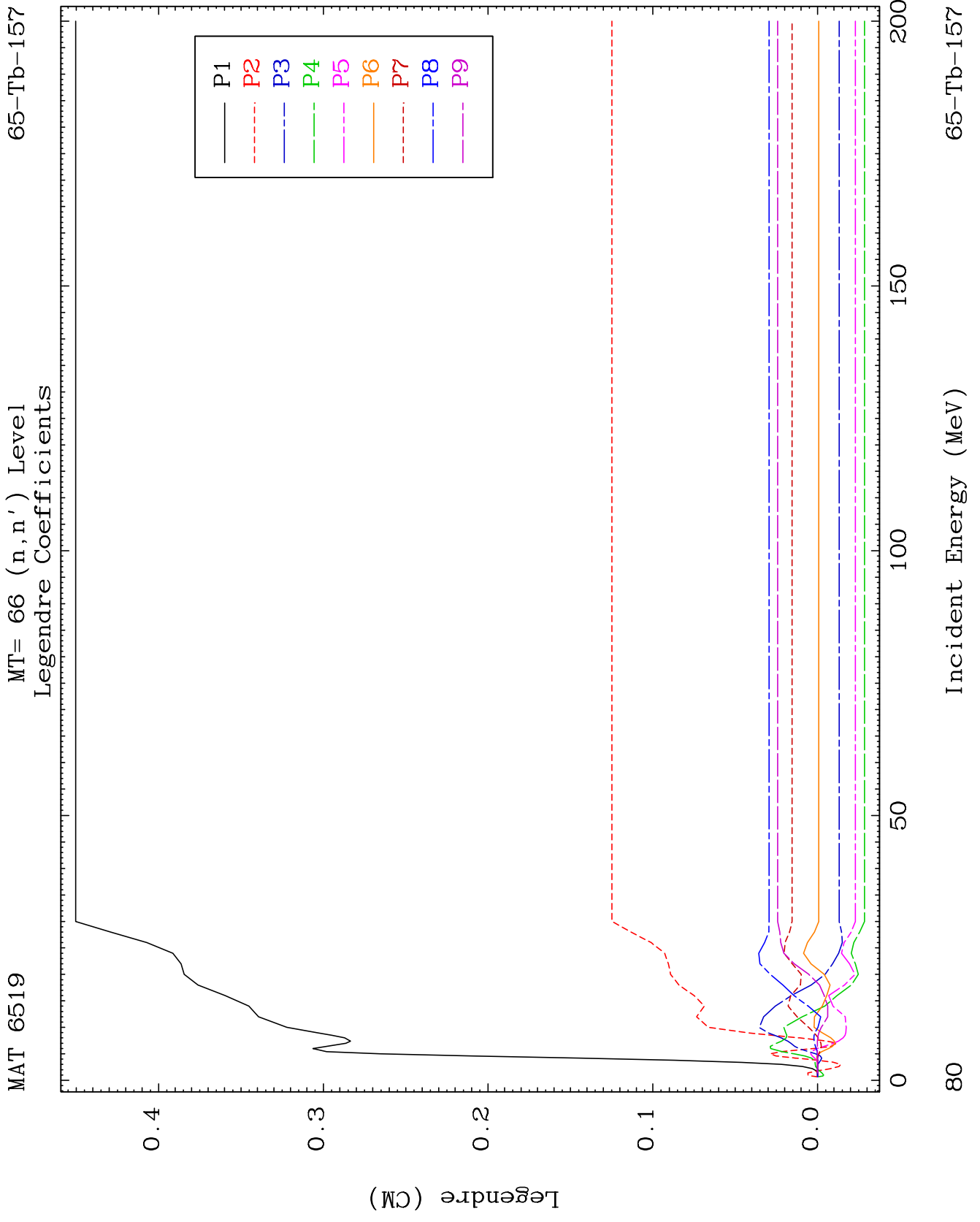
78

Incident Energy (MeV)

65-Tb-157



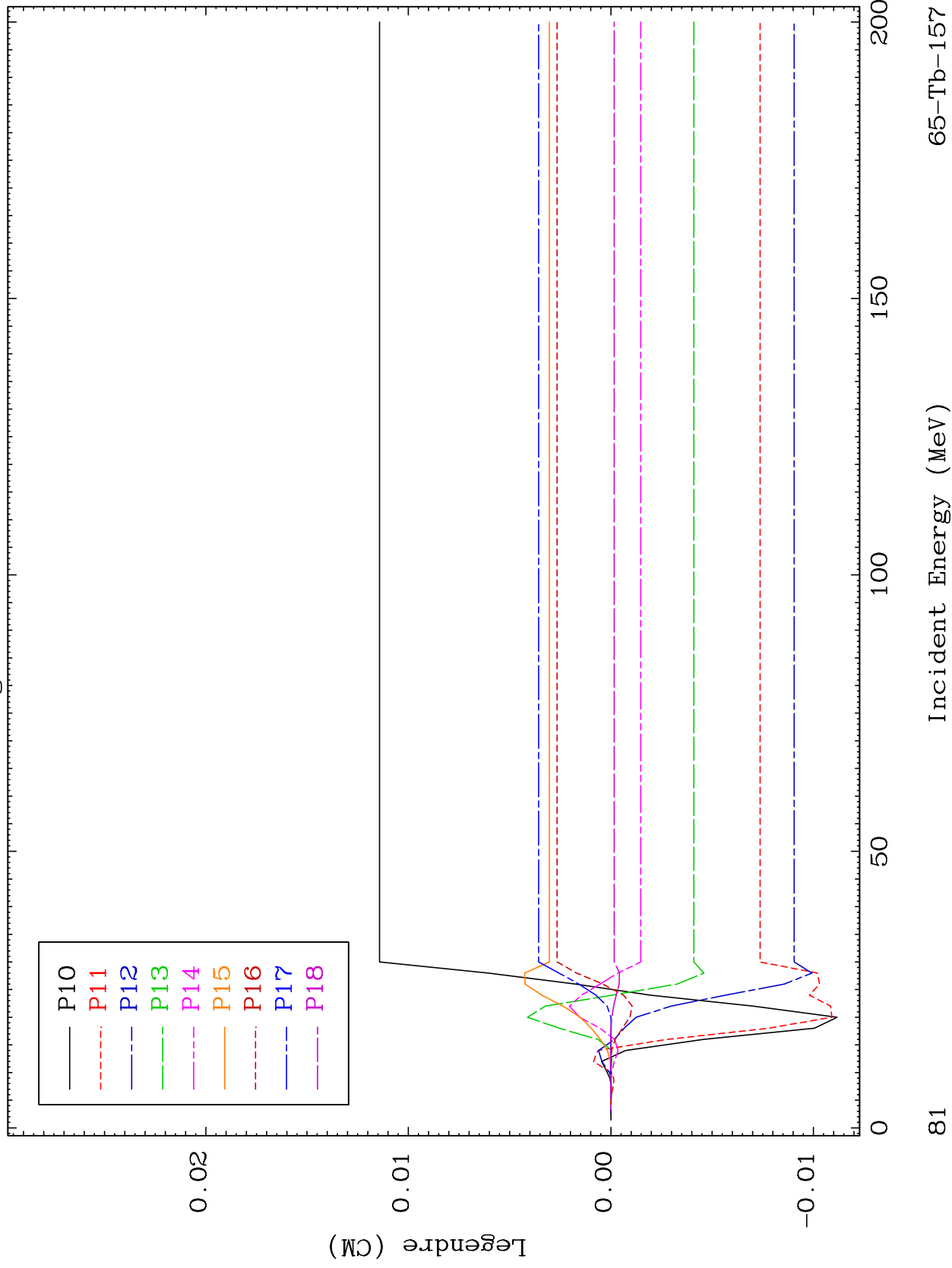




MAT 6519

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

65-Tb-157



81

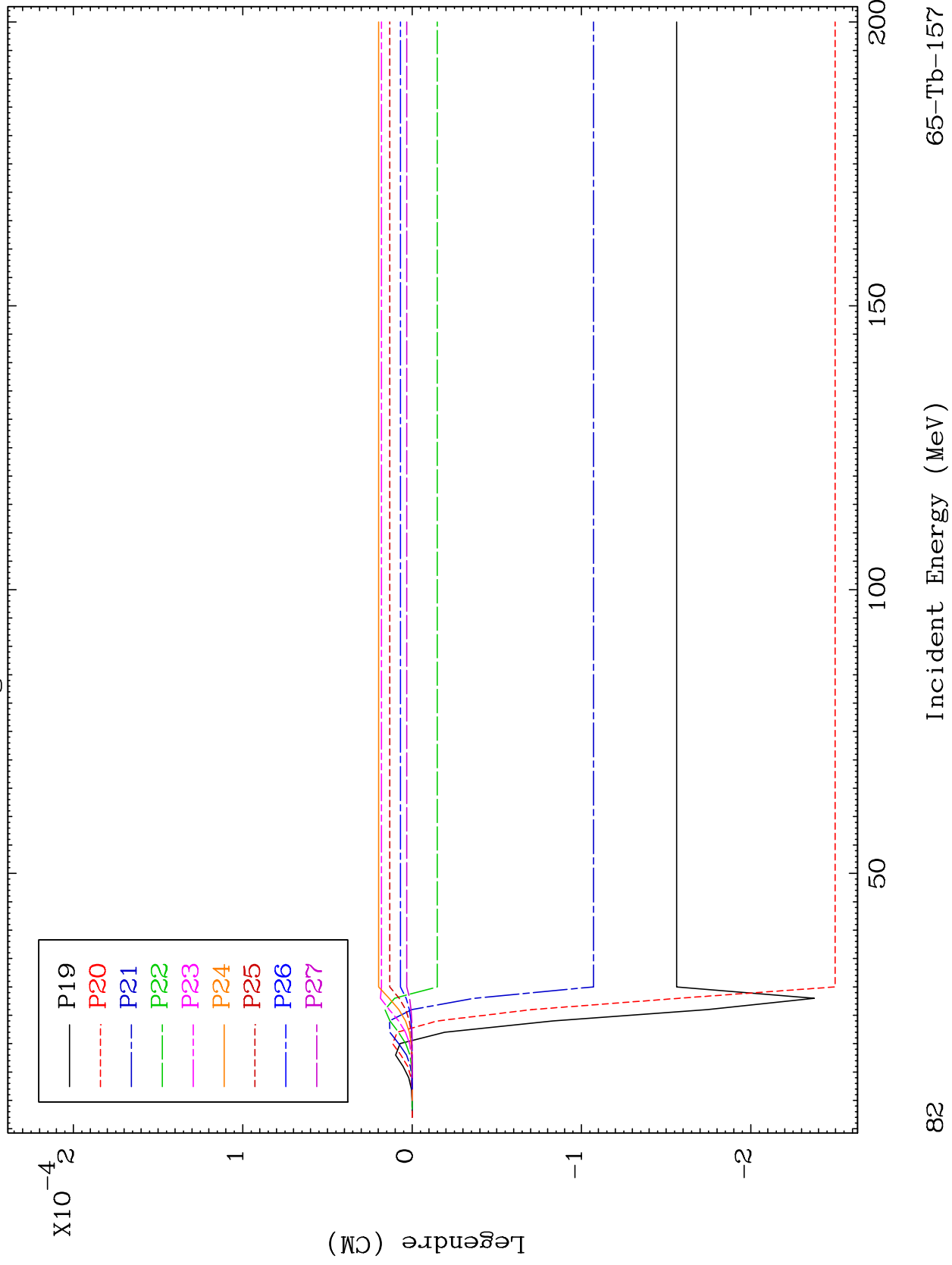
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

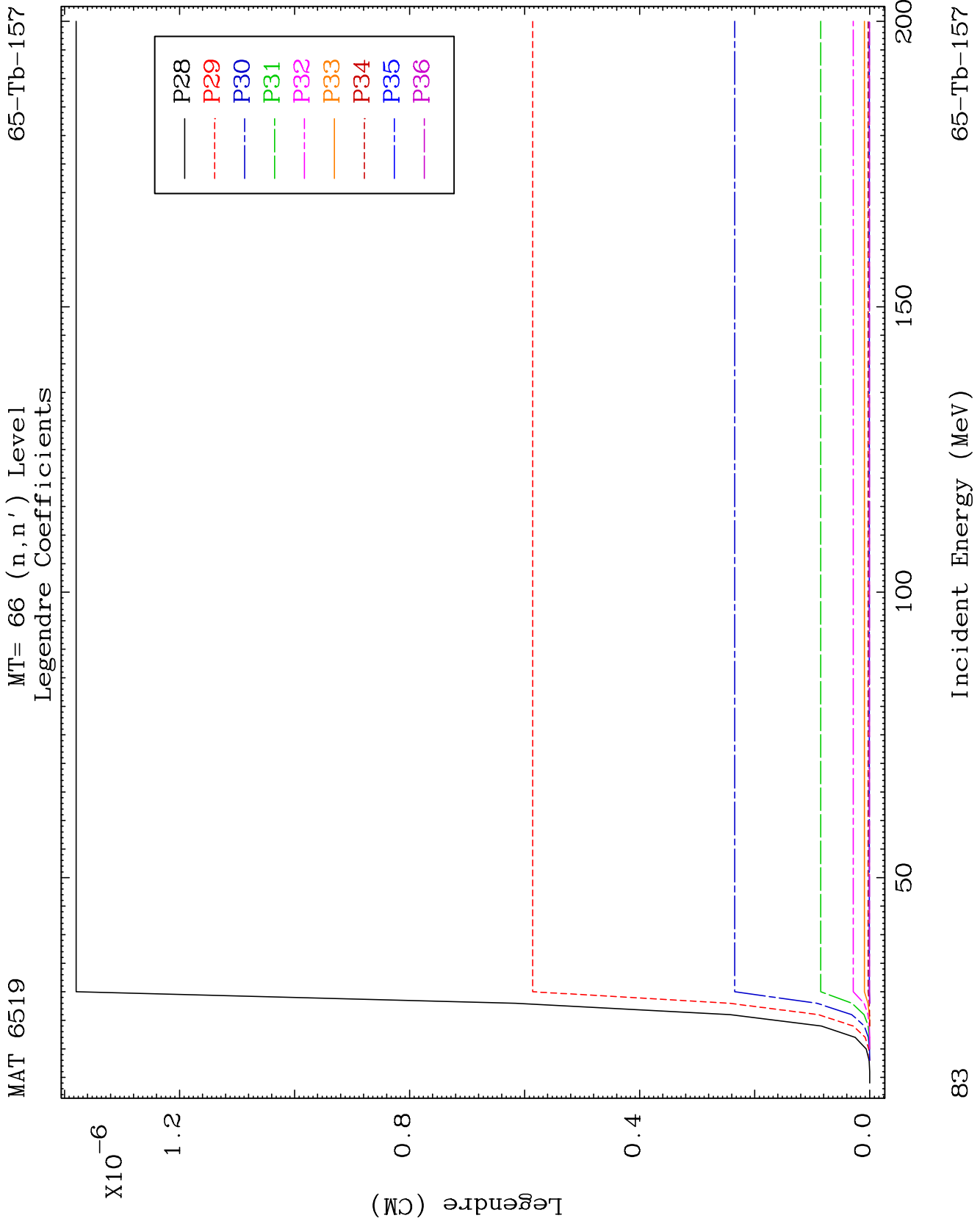
65-Tb-157



82

Incident Energy (MeV)

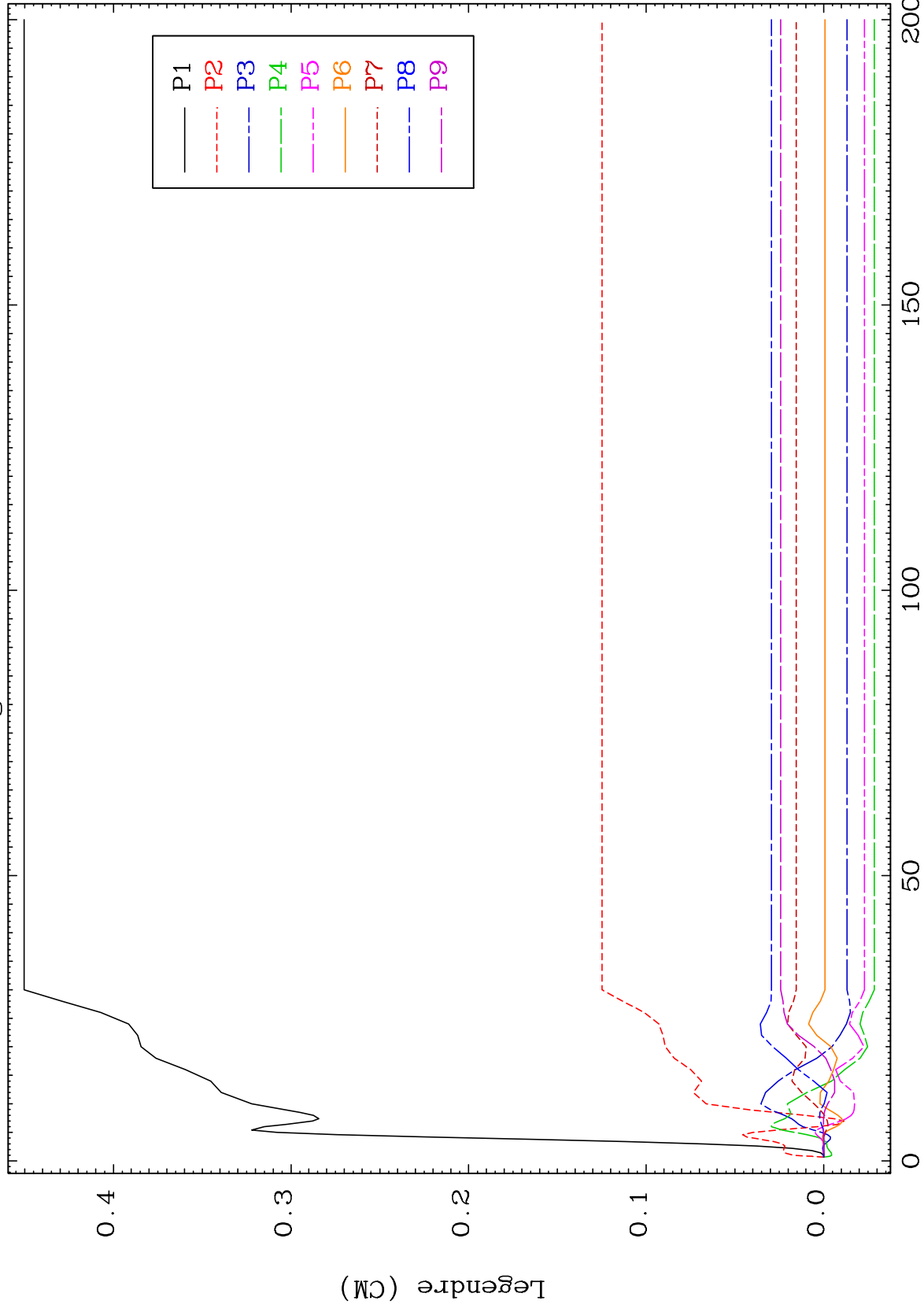
65-Tb-157



MAT 6519

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

65-Tb-157



84

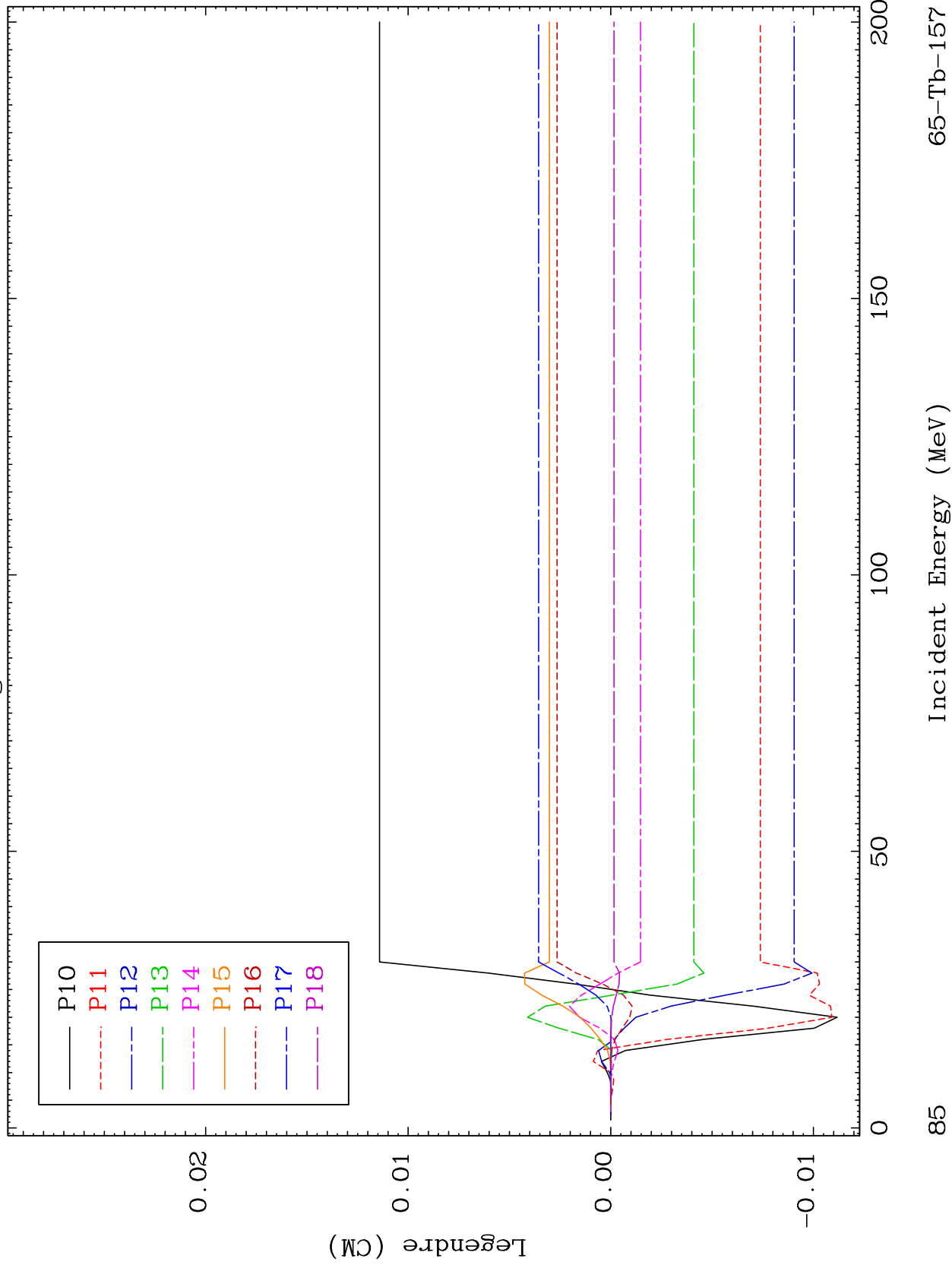
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



65-Tb-157

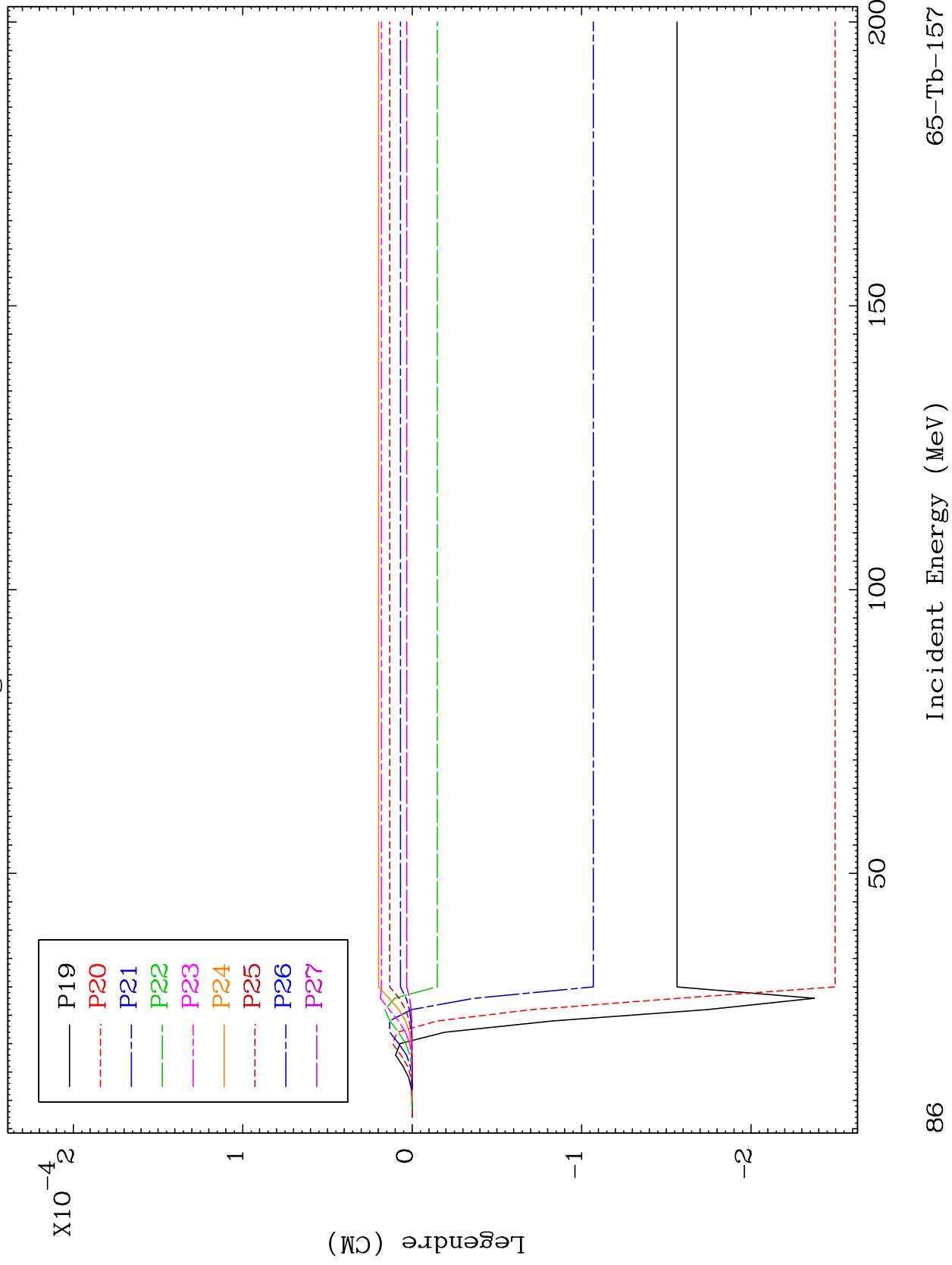
Incident Energy (MeV)

85

MAT 6519

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

65-Tb-157



86

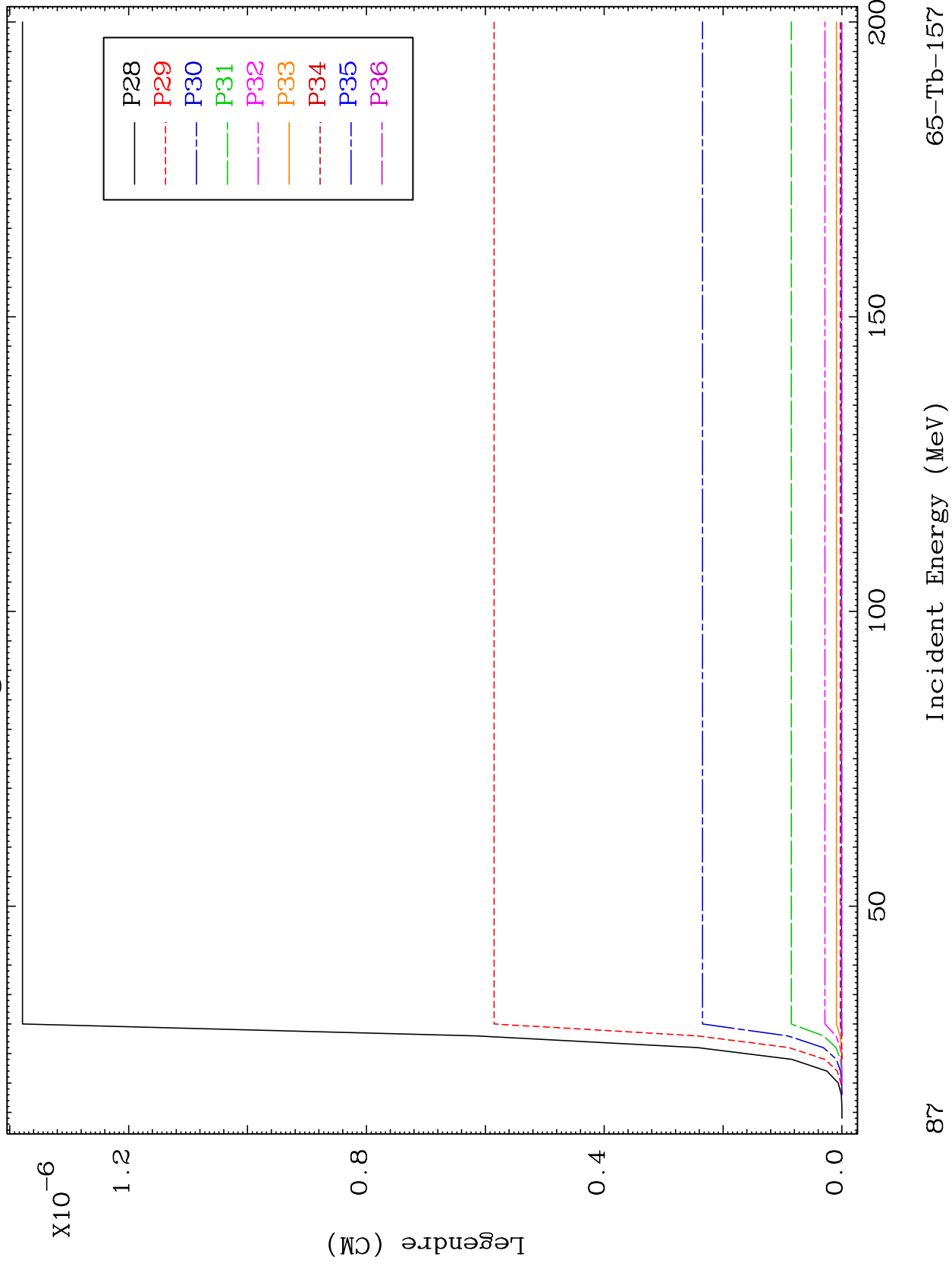
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157

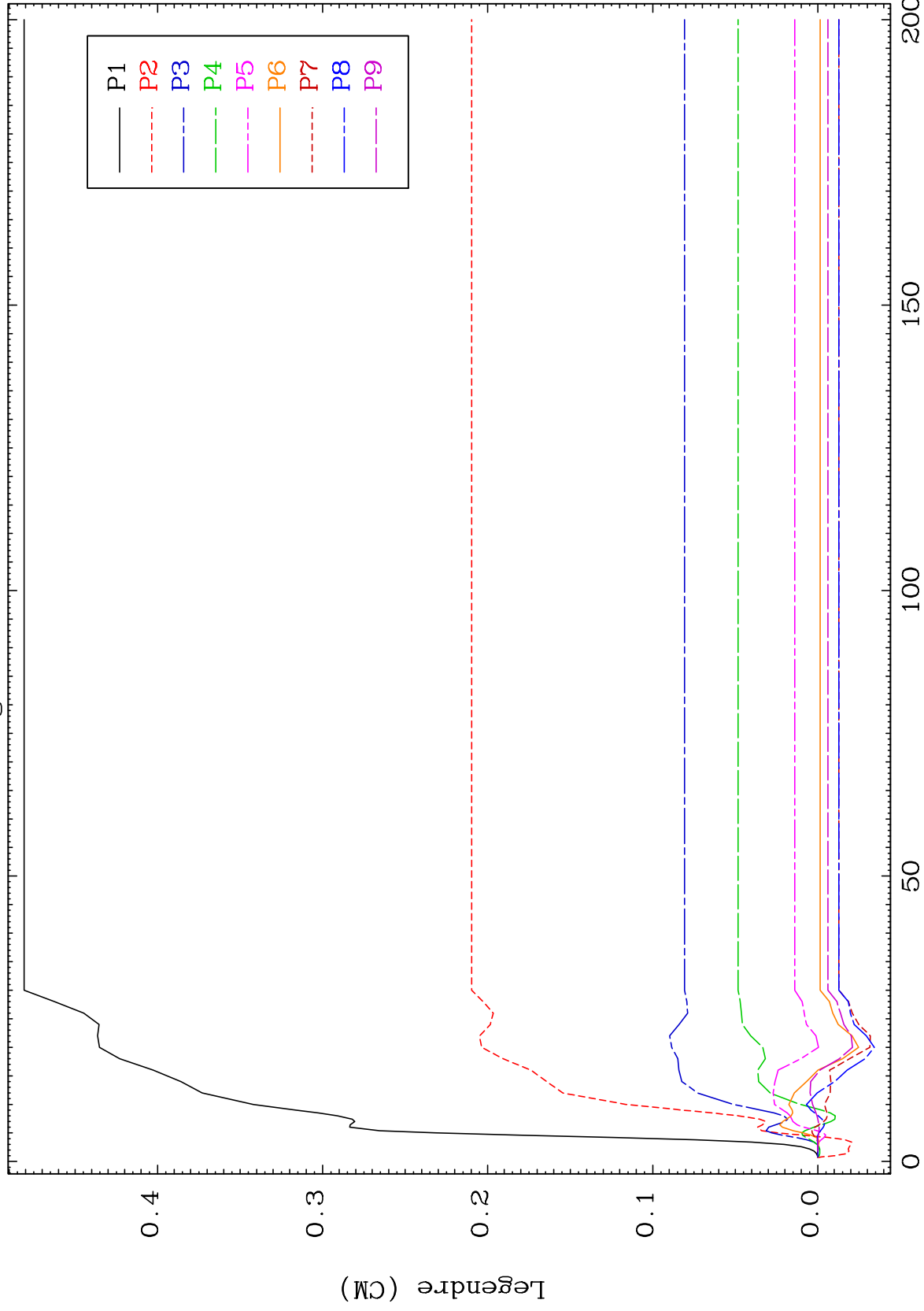




MAT 6519

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

65-Tb-157



88

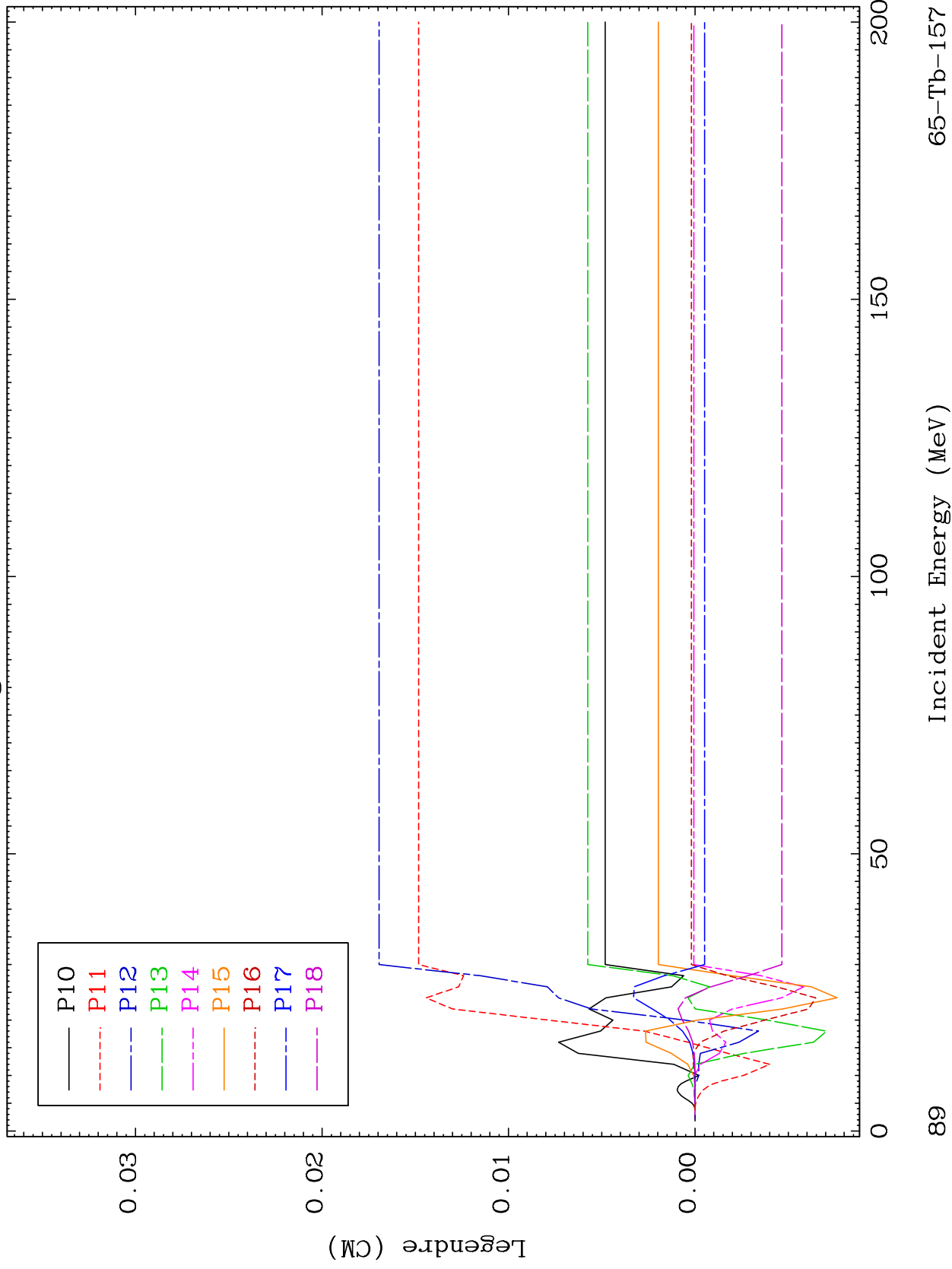
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



89

Incident Energy (MeV)

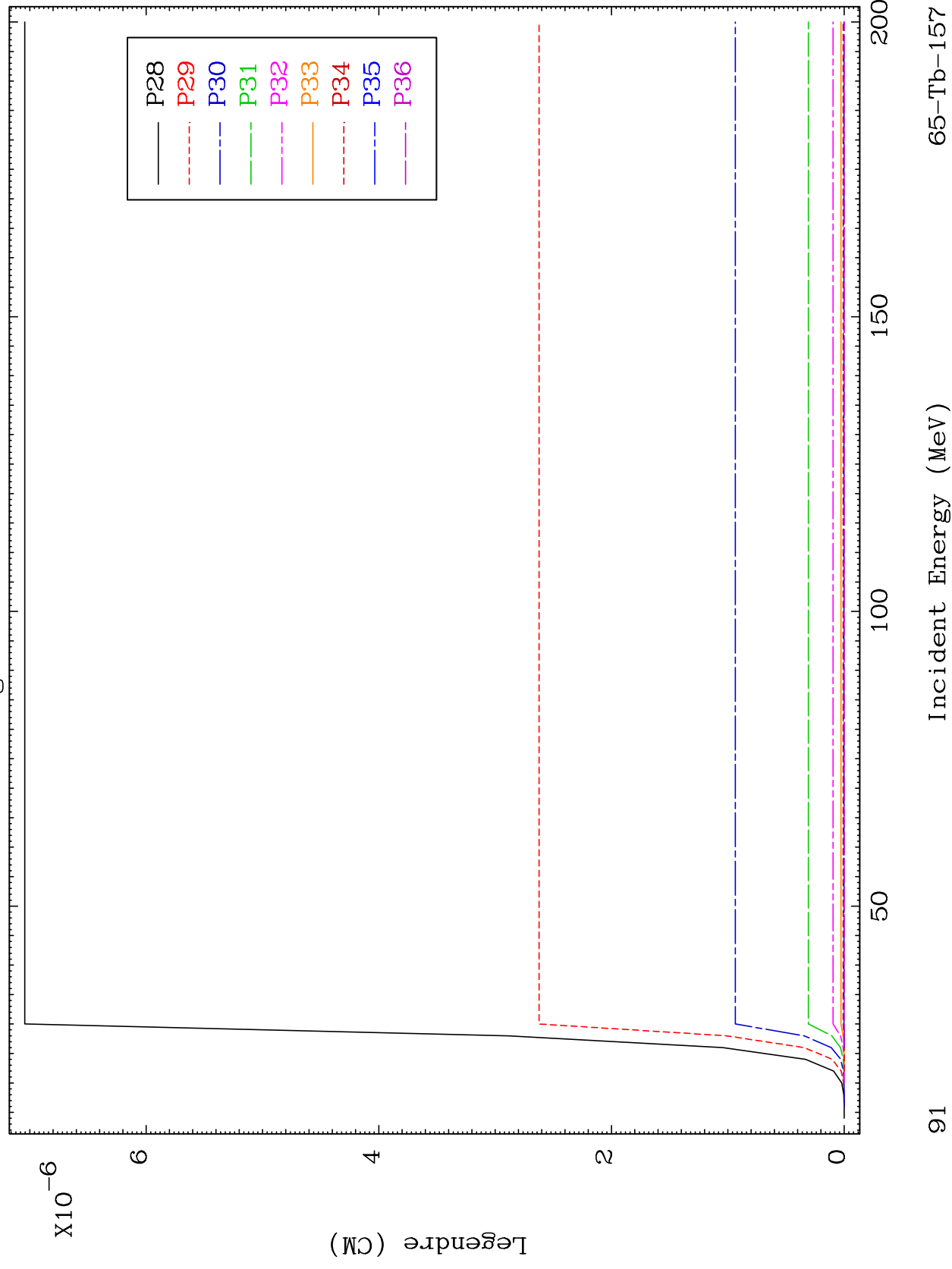
65-Tb-157



MAT 6519

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

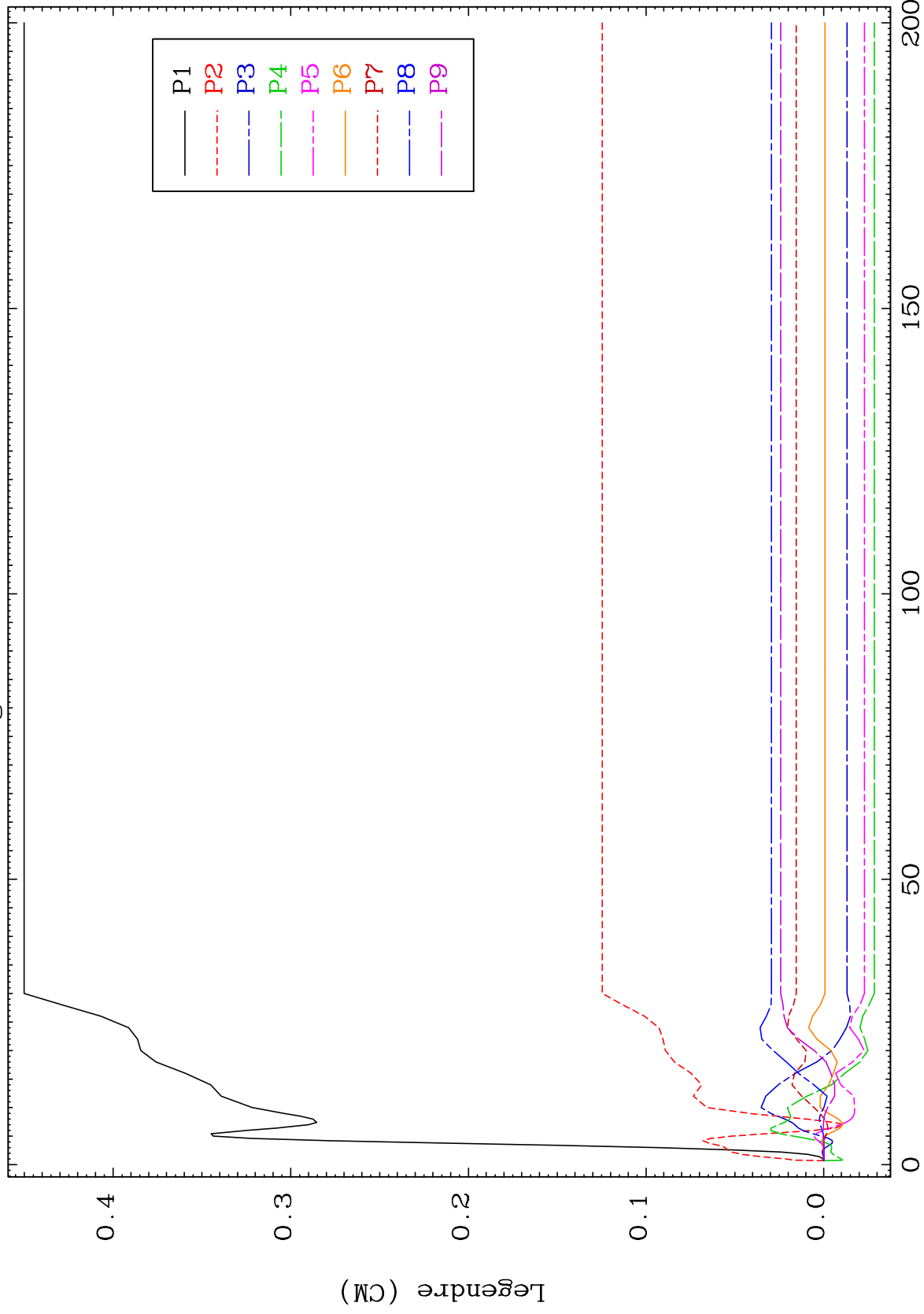
65-Tb-157



MAT 6519

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

65-Tb-157



92

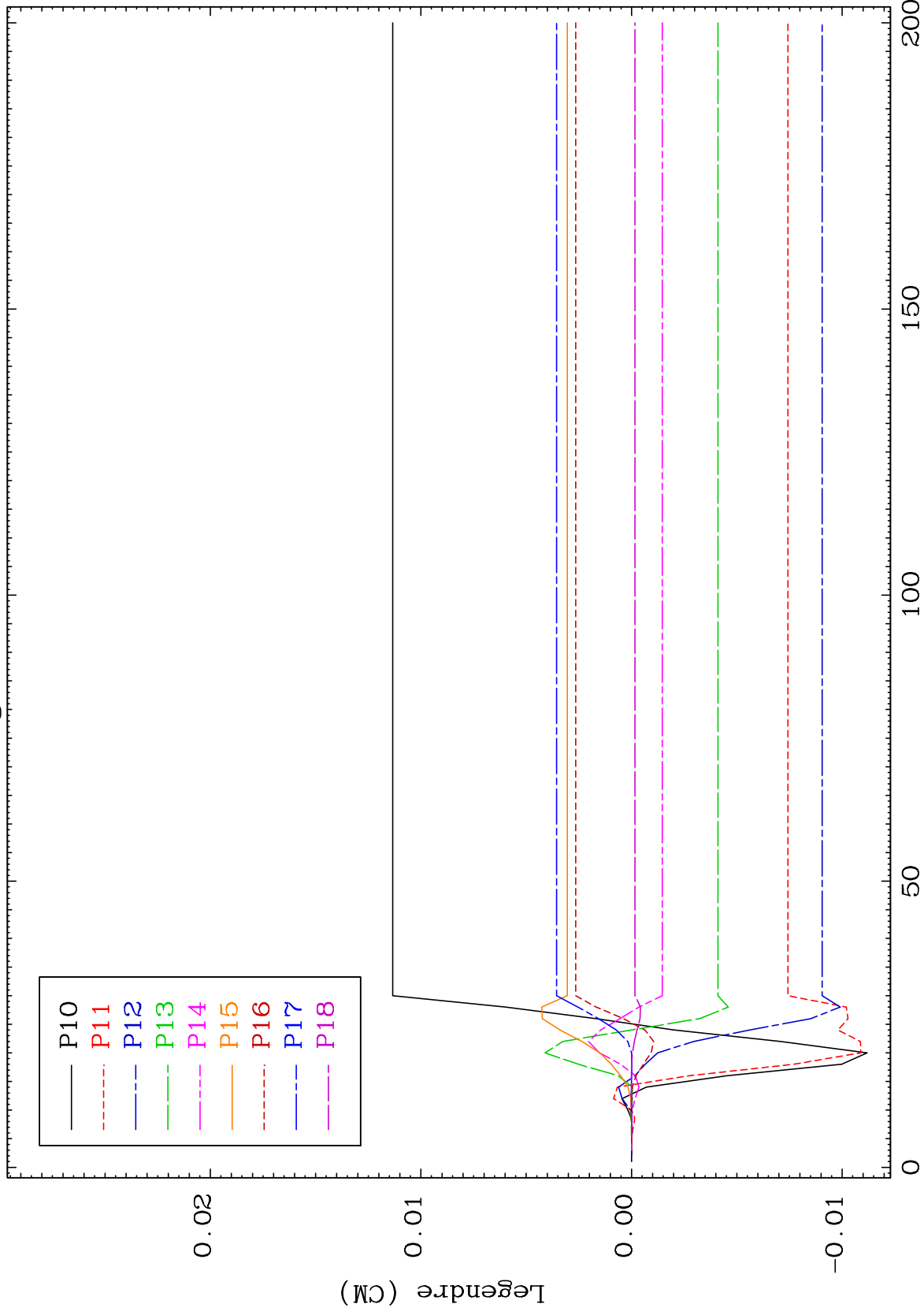
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



93

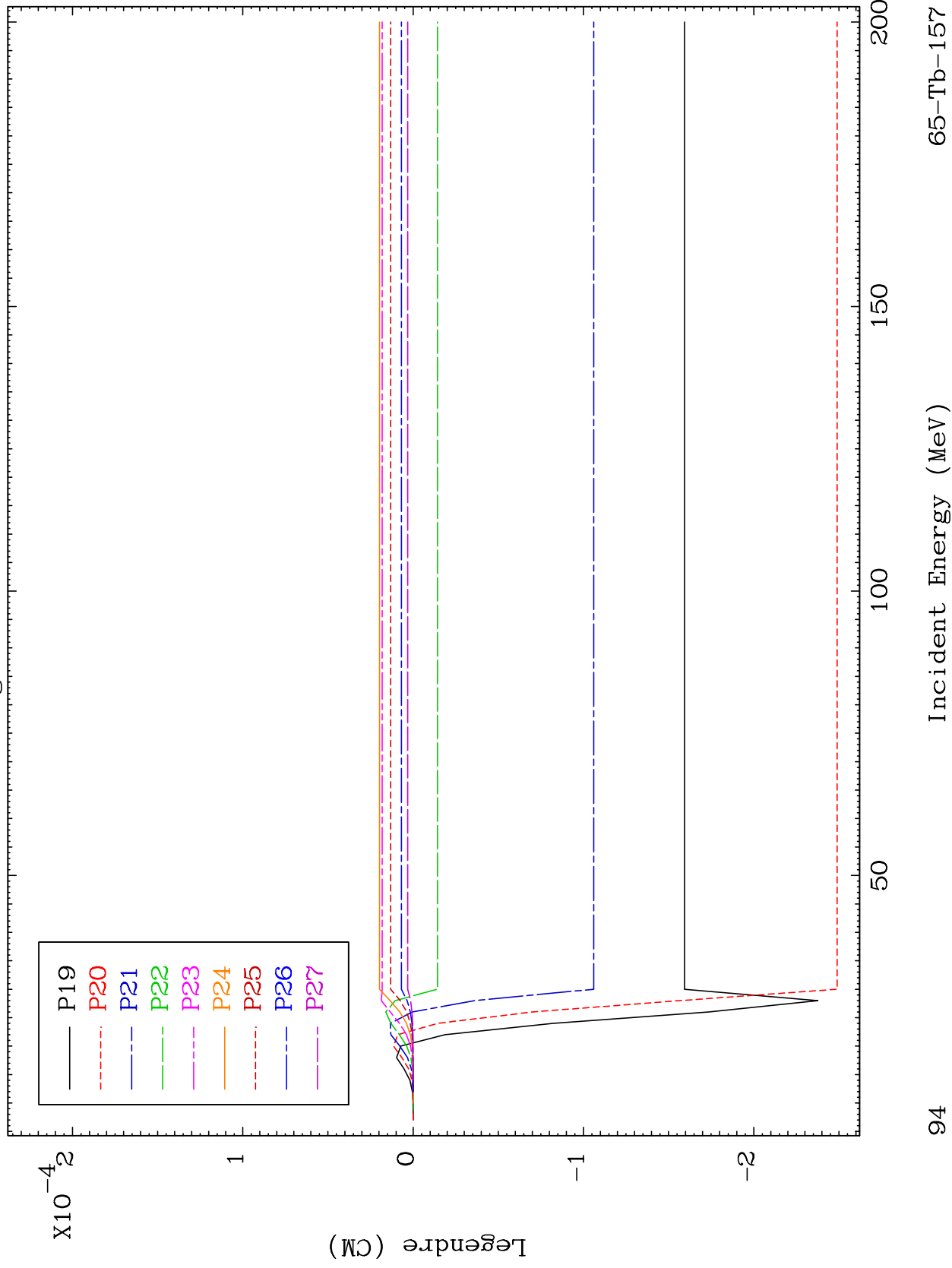
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



94

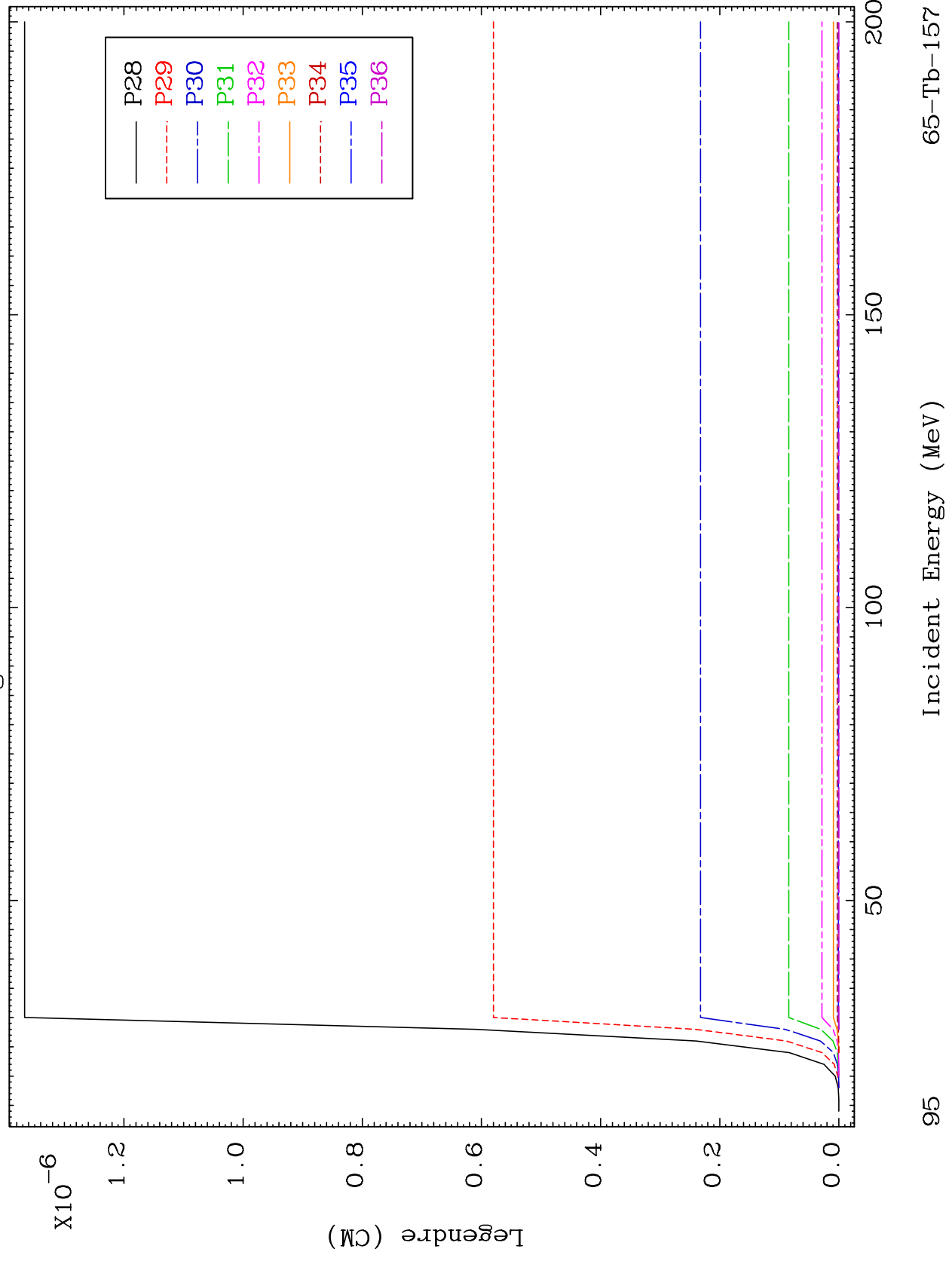
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



95

Incident Energy (MeV)

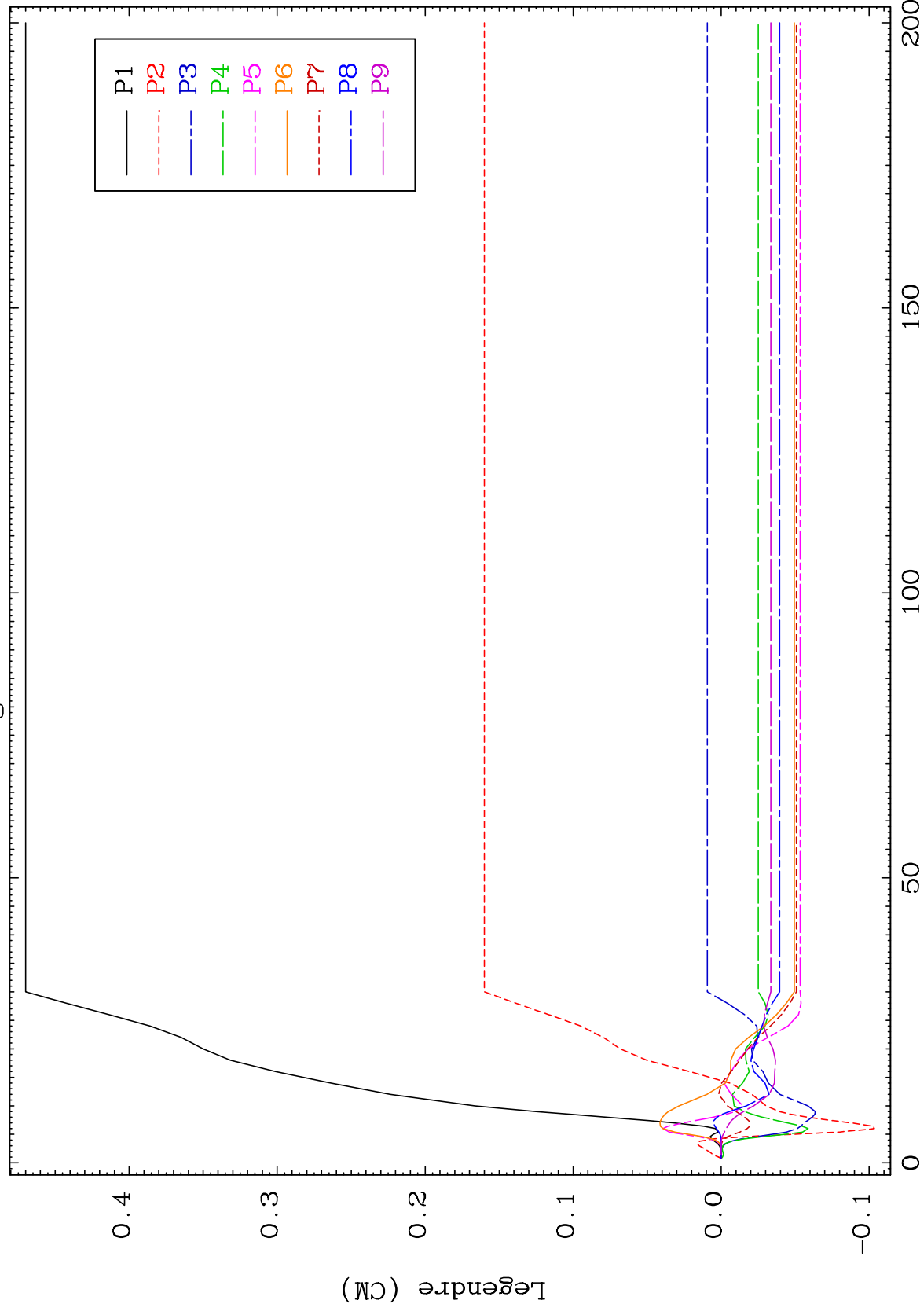
65-Tb-157



MAT 6519

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

65-Tb-157



96

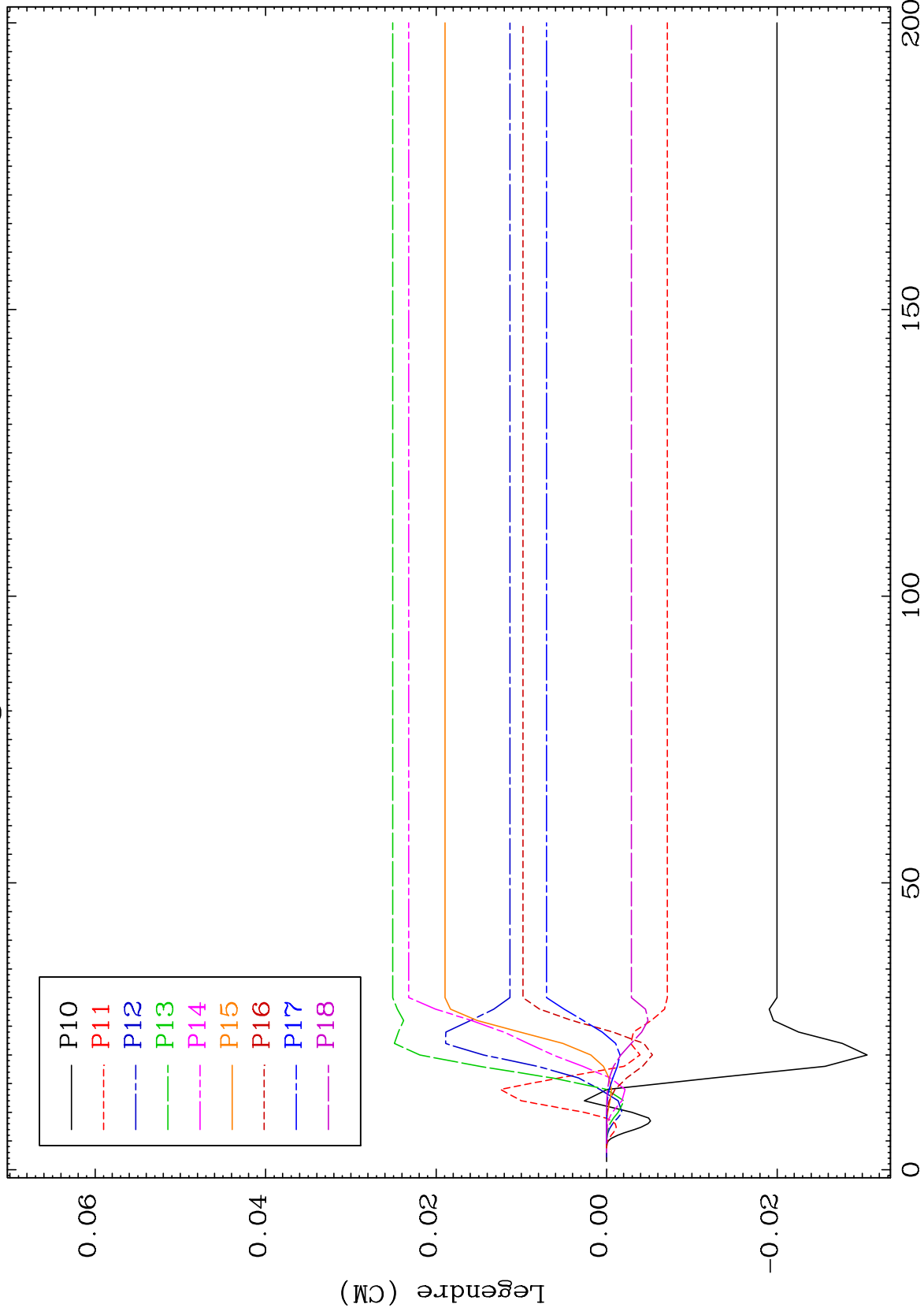
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



97

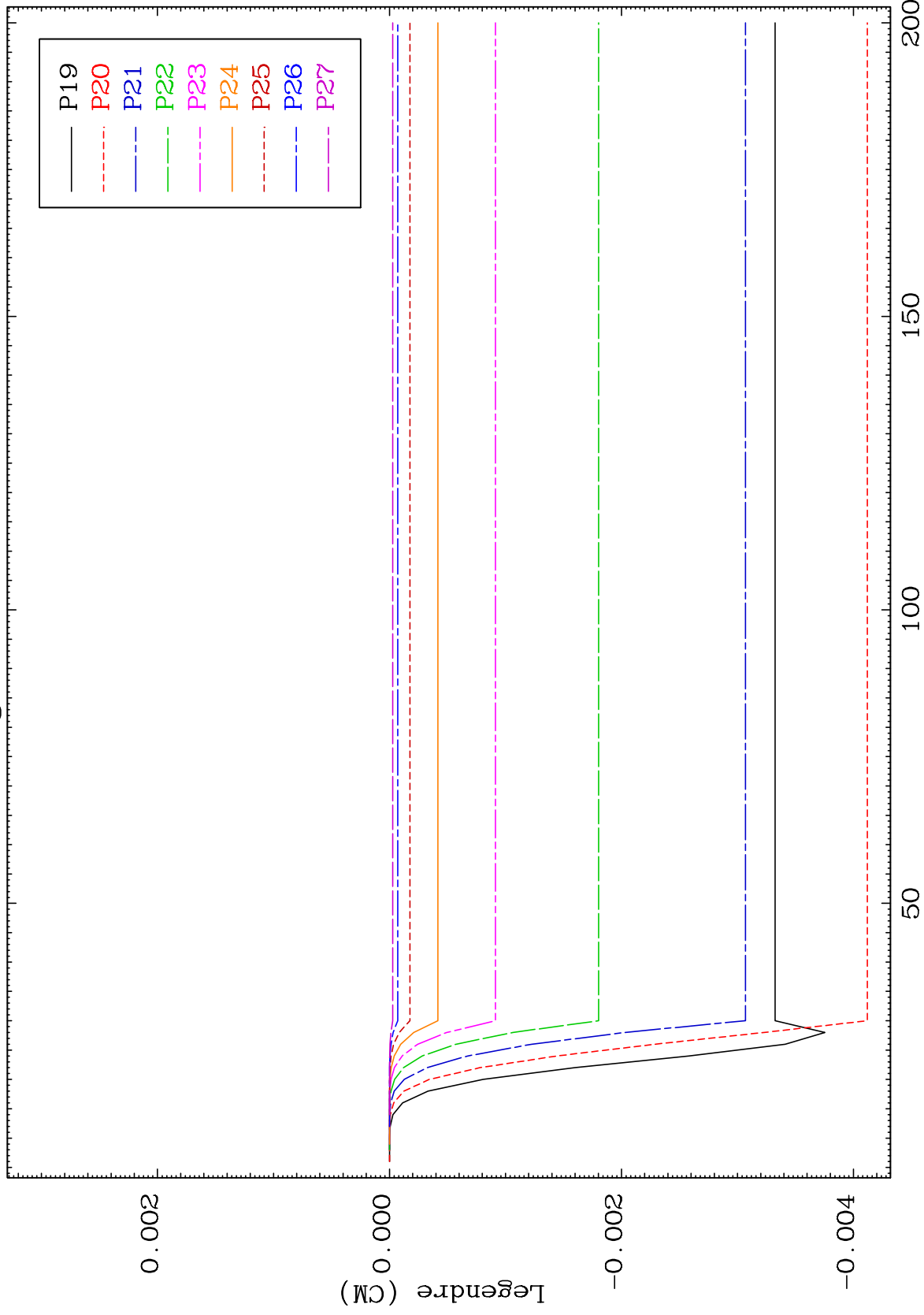
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

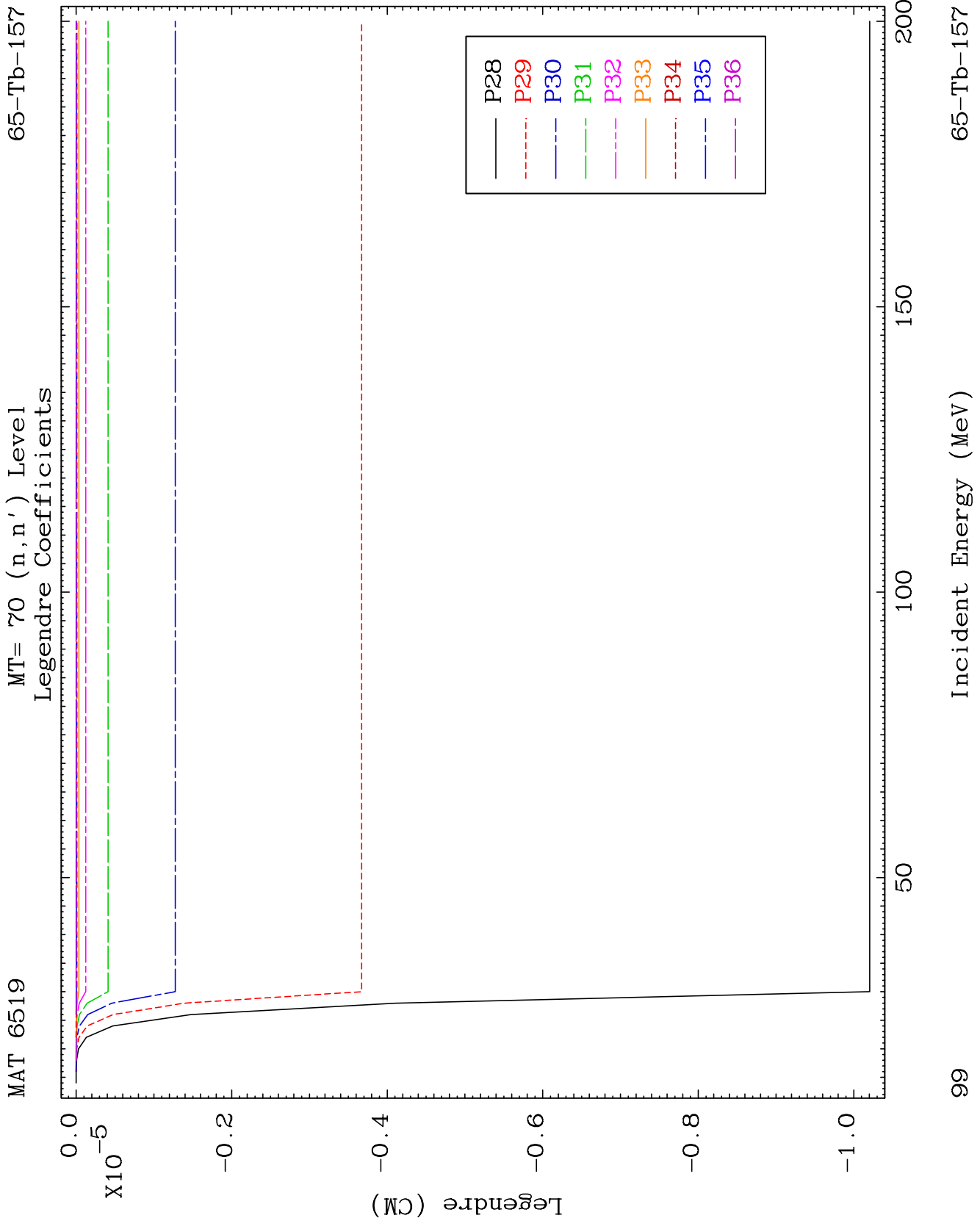
65-Tb-157

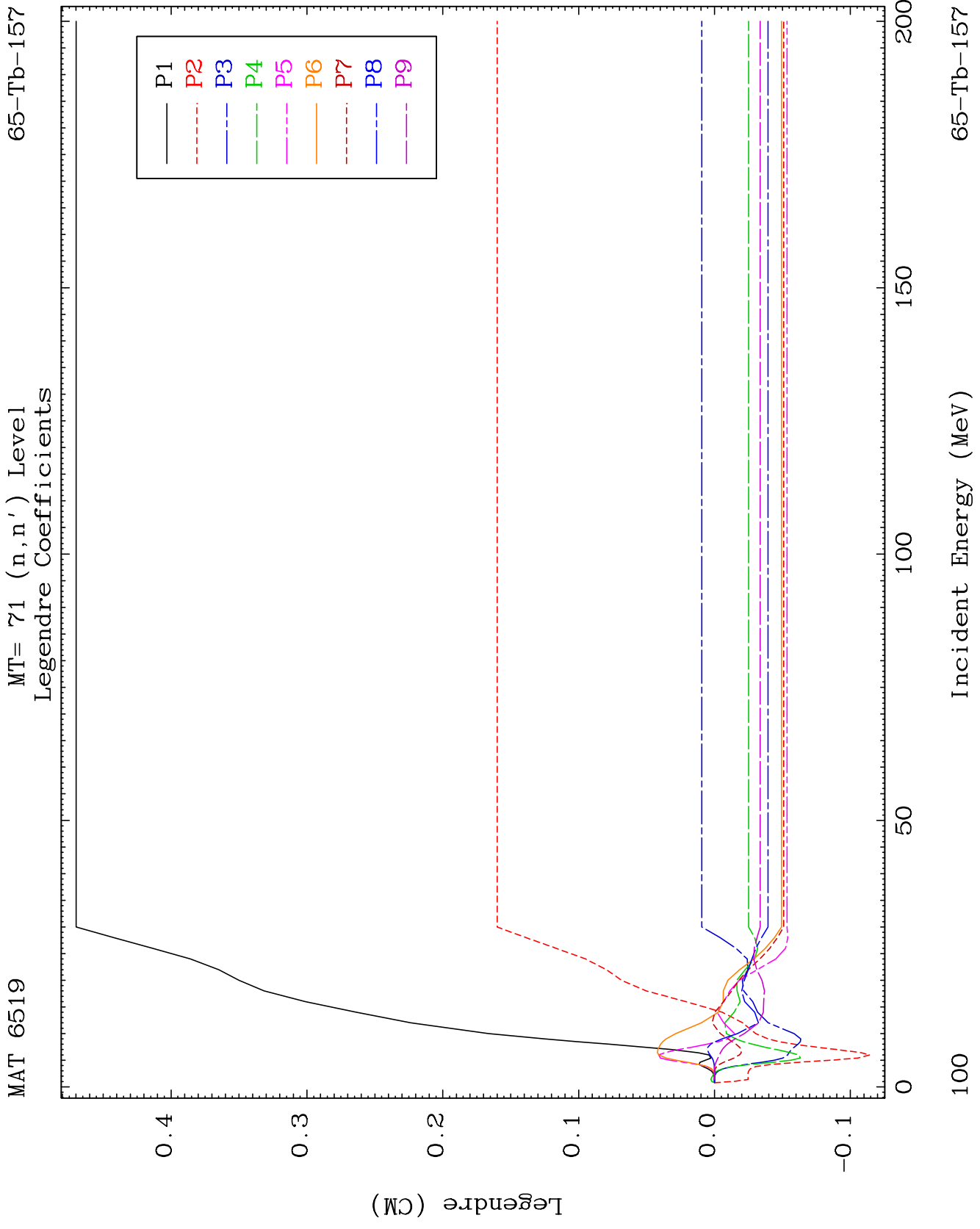


98

Incident Energy (MeV)

65-Tb-157

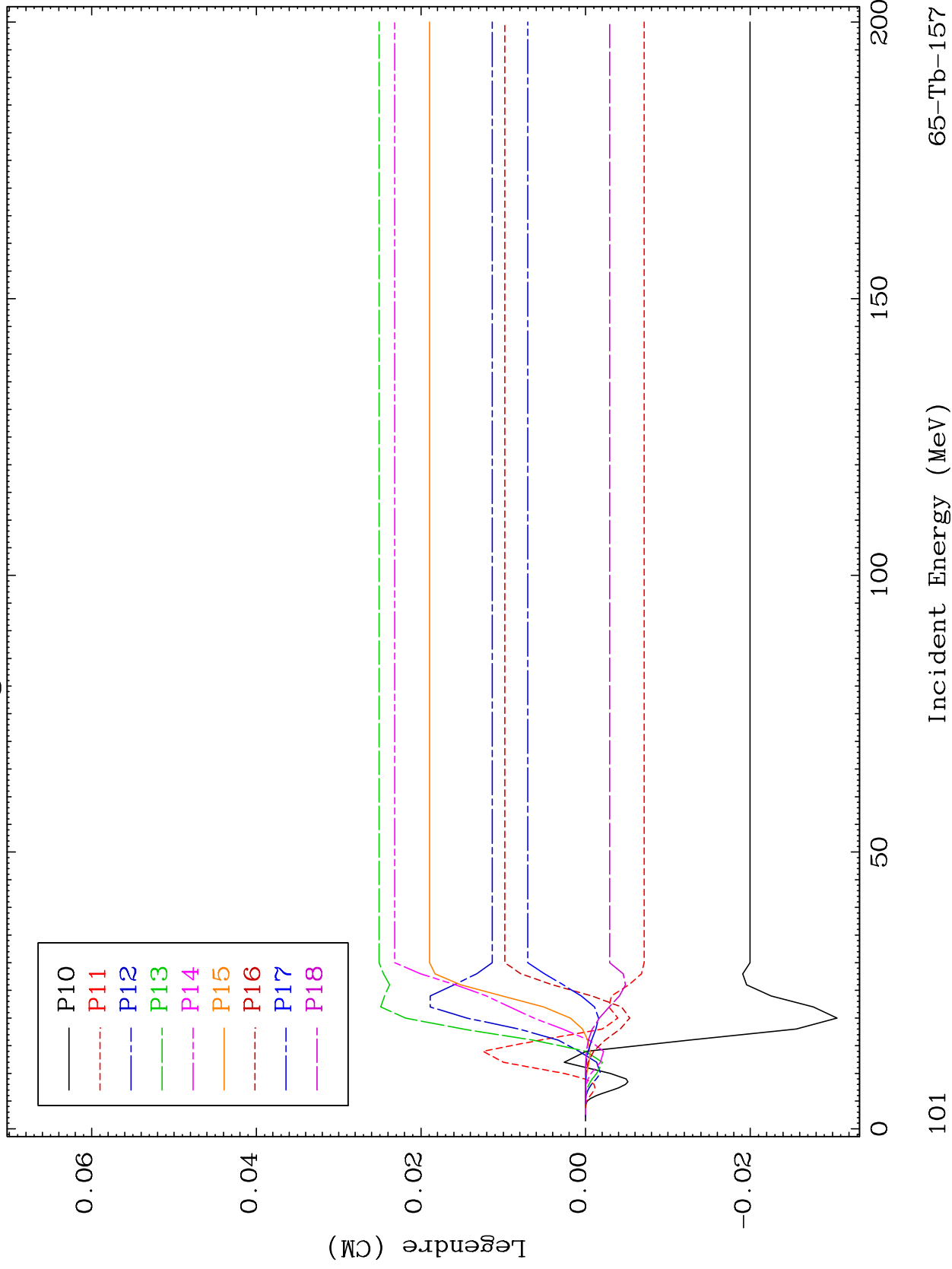




MAT 6519

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

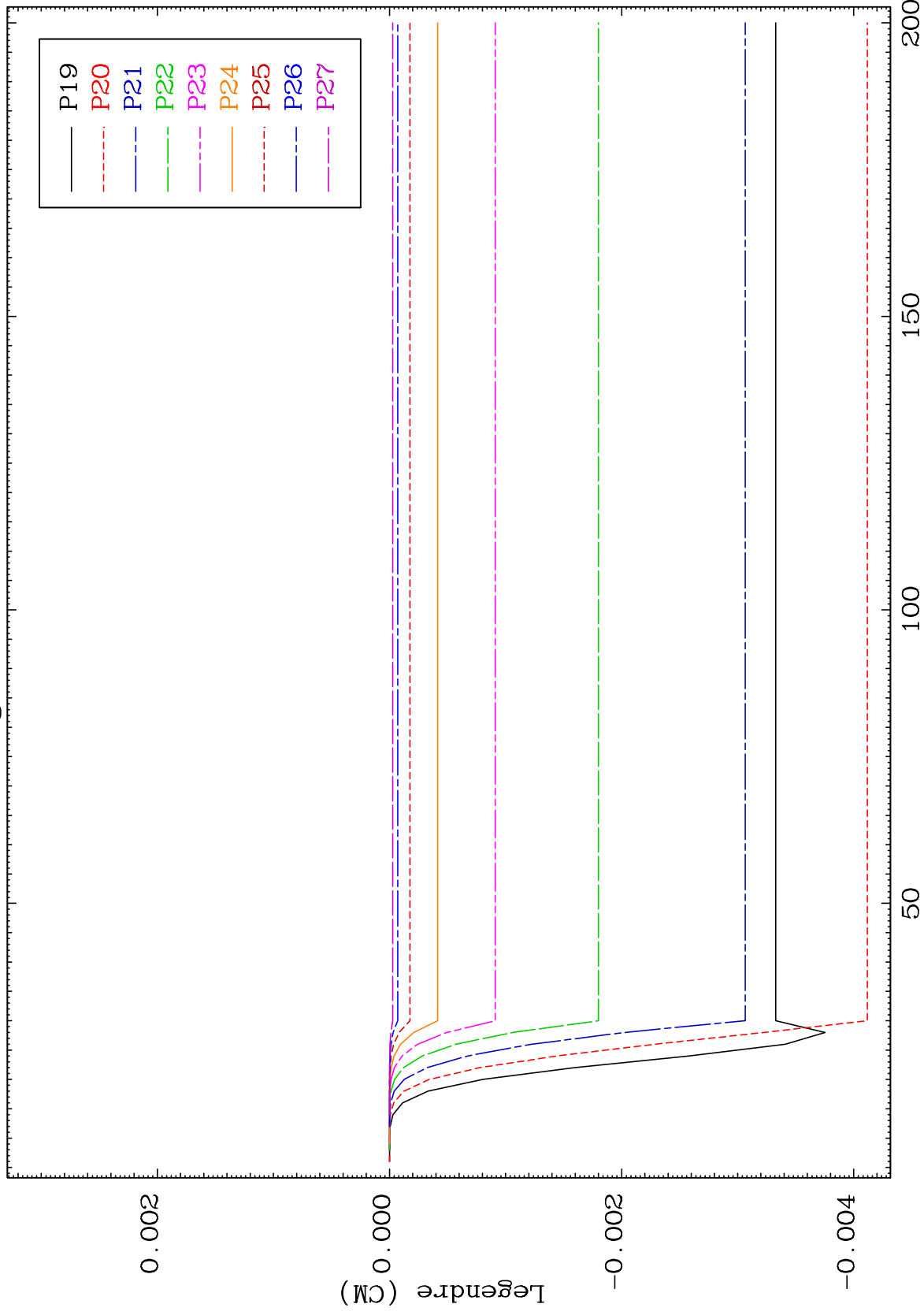
65-Tb-157



MAT 6519

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

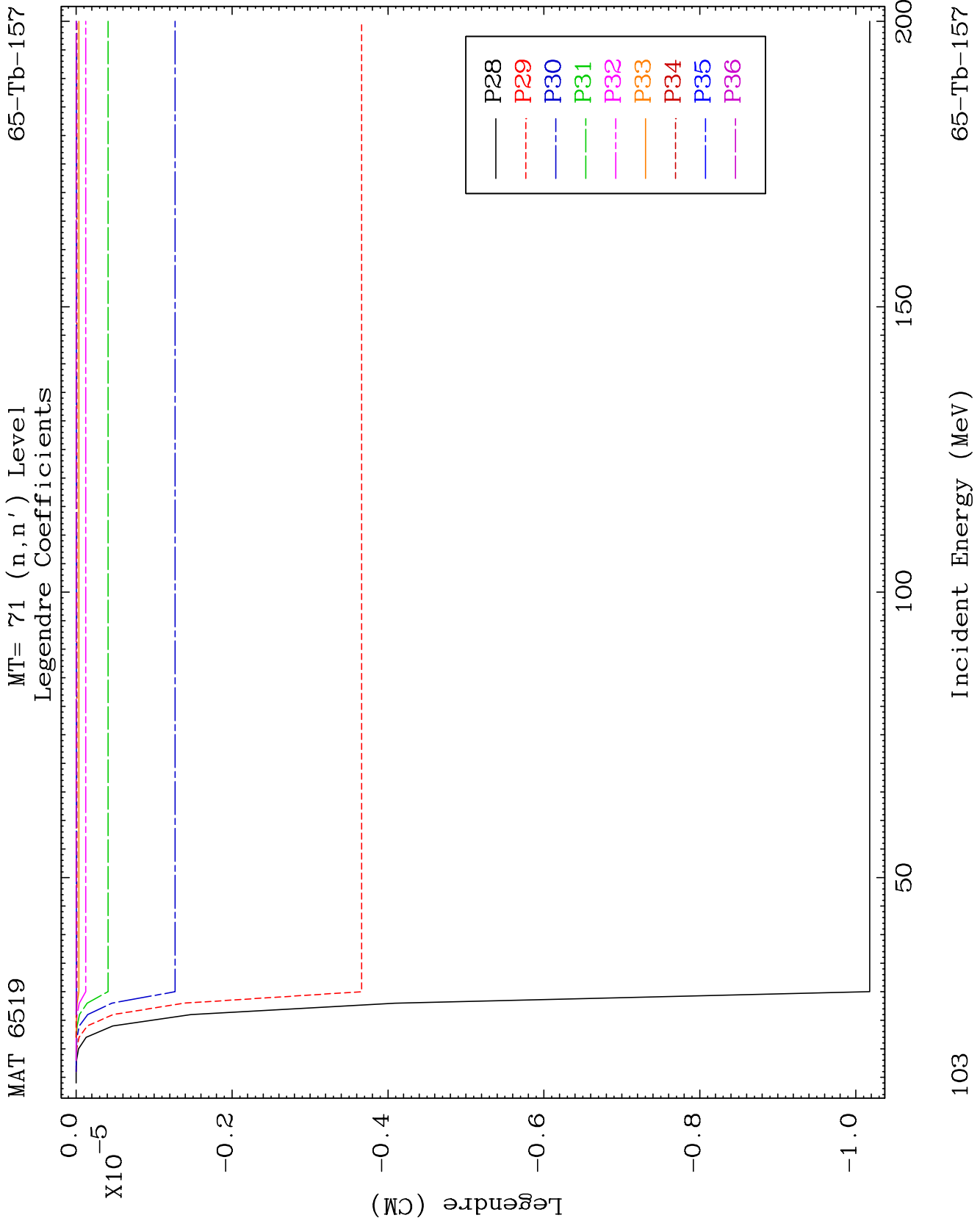
65-Tb-157



102

Incident Energy (MeV)

65-Tb-157

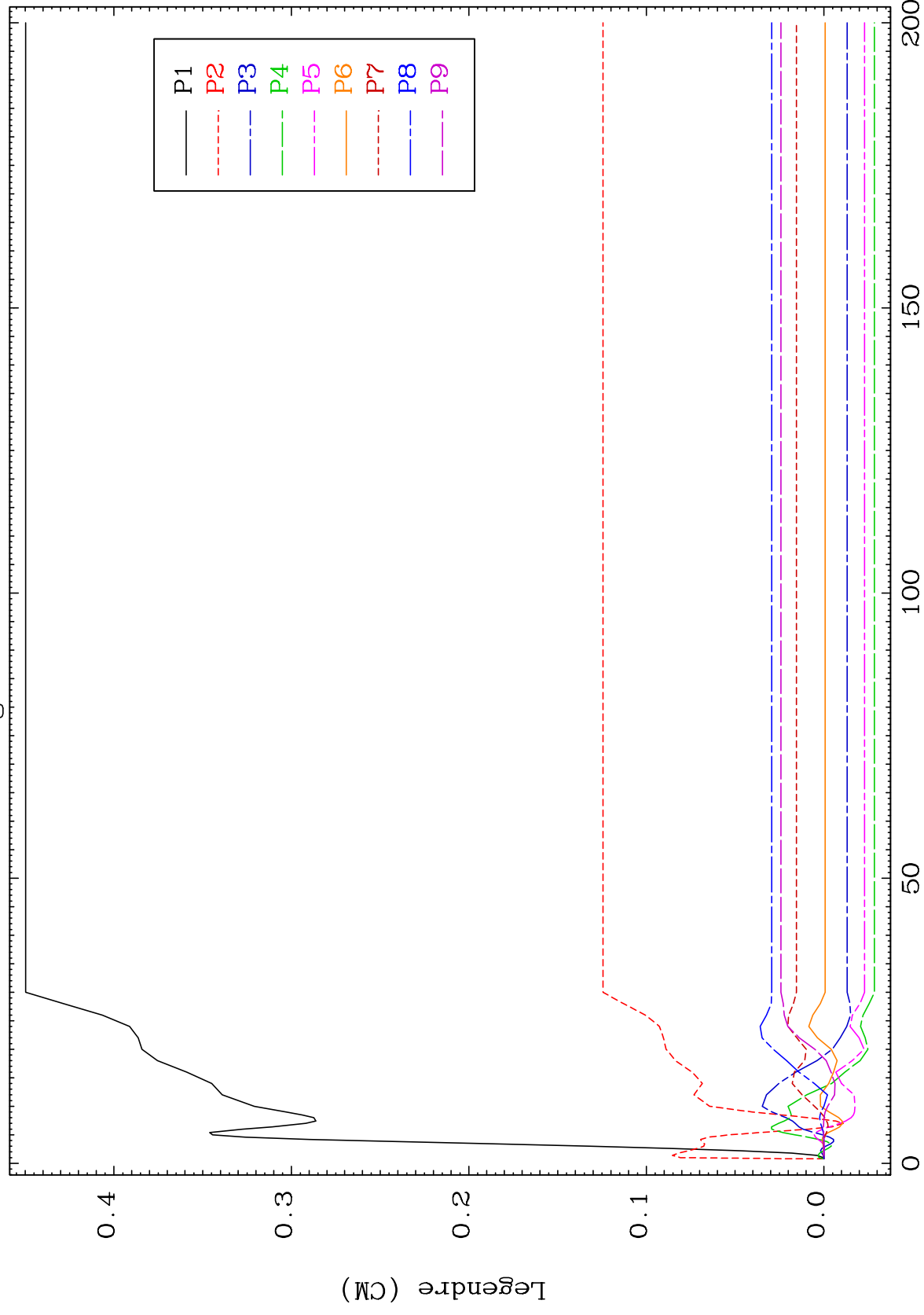




MAT 6519

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

65-Tb-157



65-Tb-157

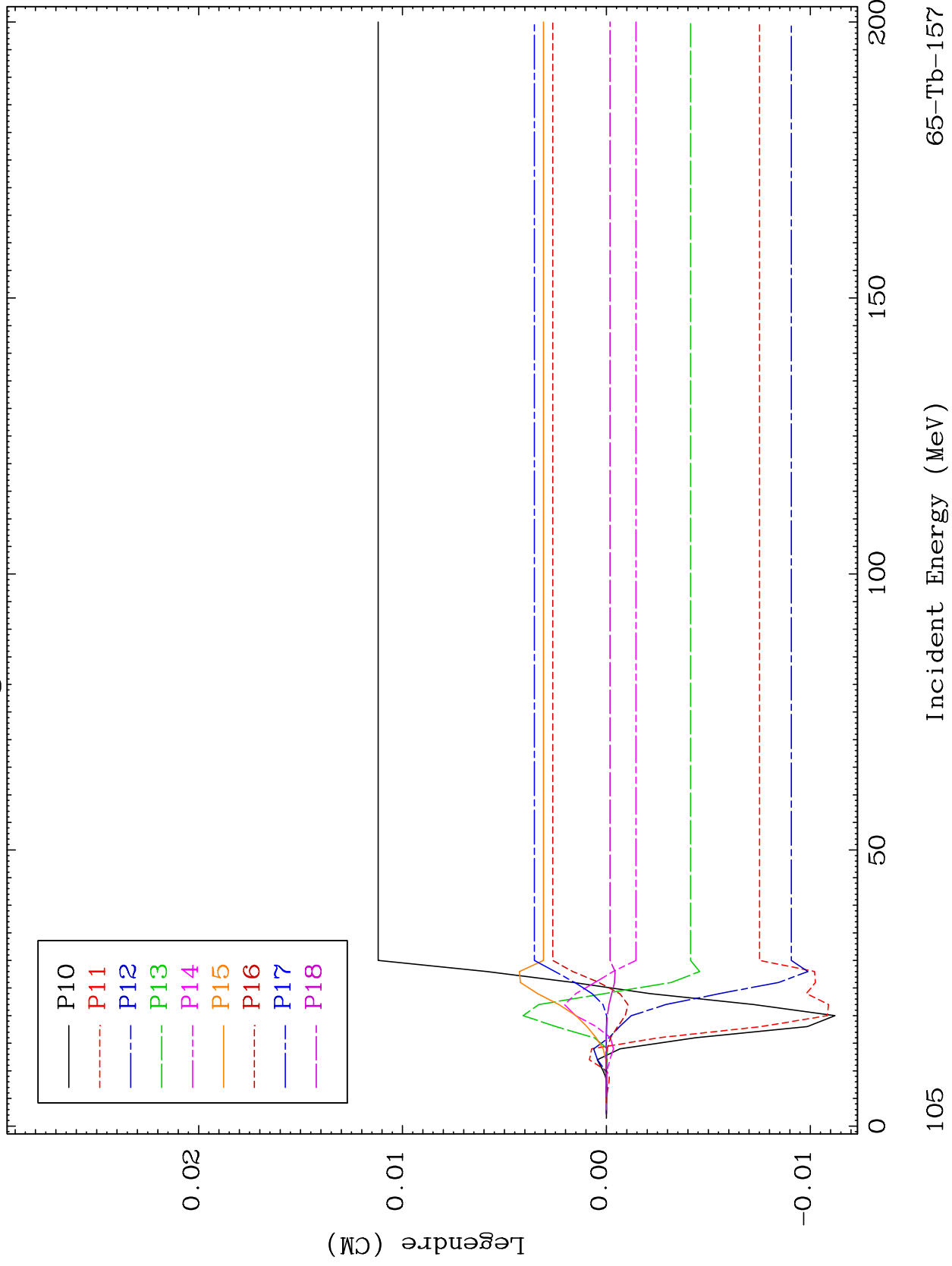
Incident Energy (MeV)

104

MAT 6519

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

65-Tb-157



65-Tb-157

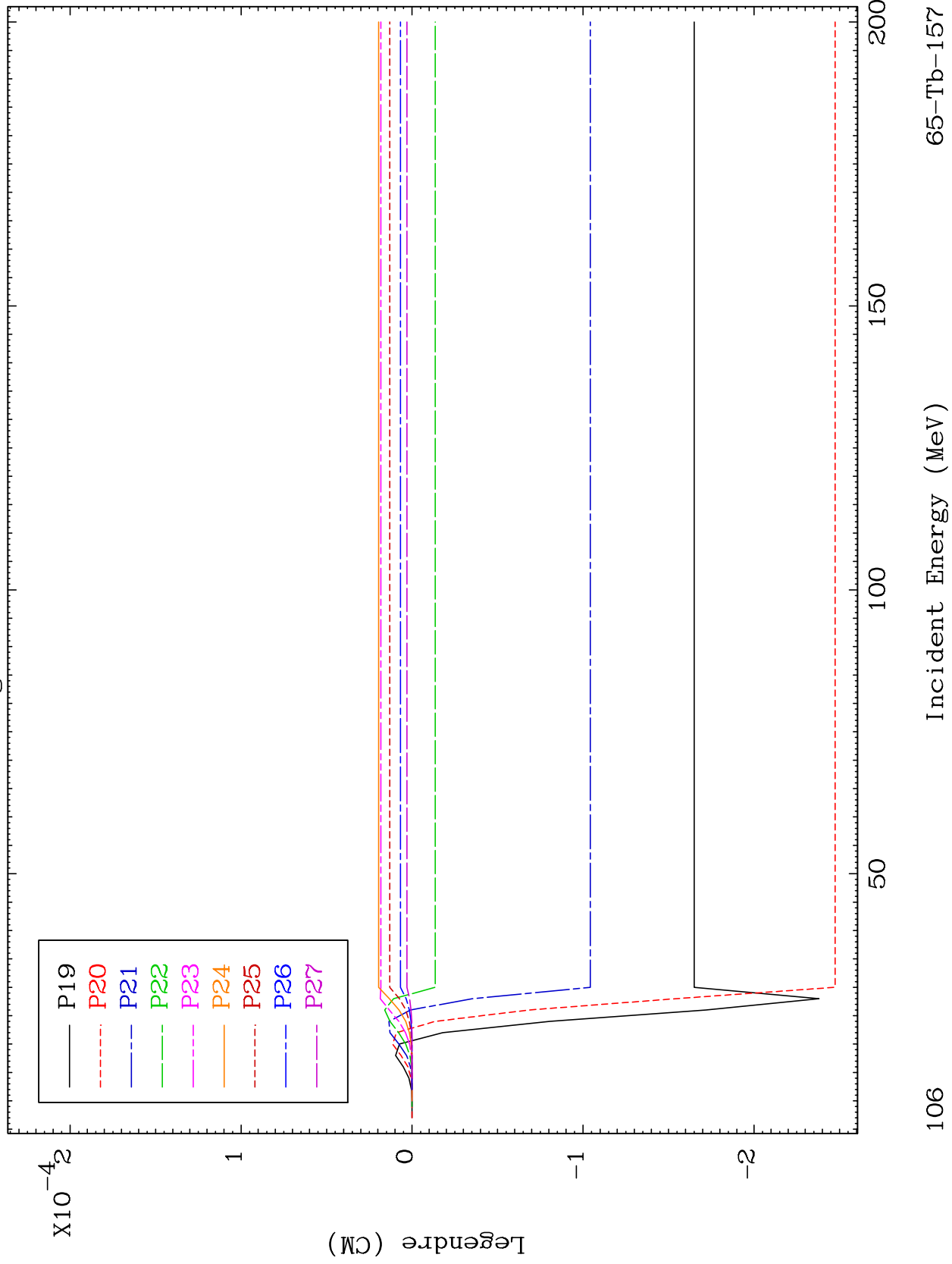
Incident Energy (MeV)

105

MAT 6519

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

65-Tb-157



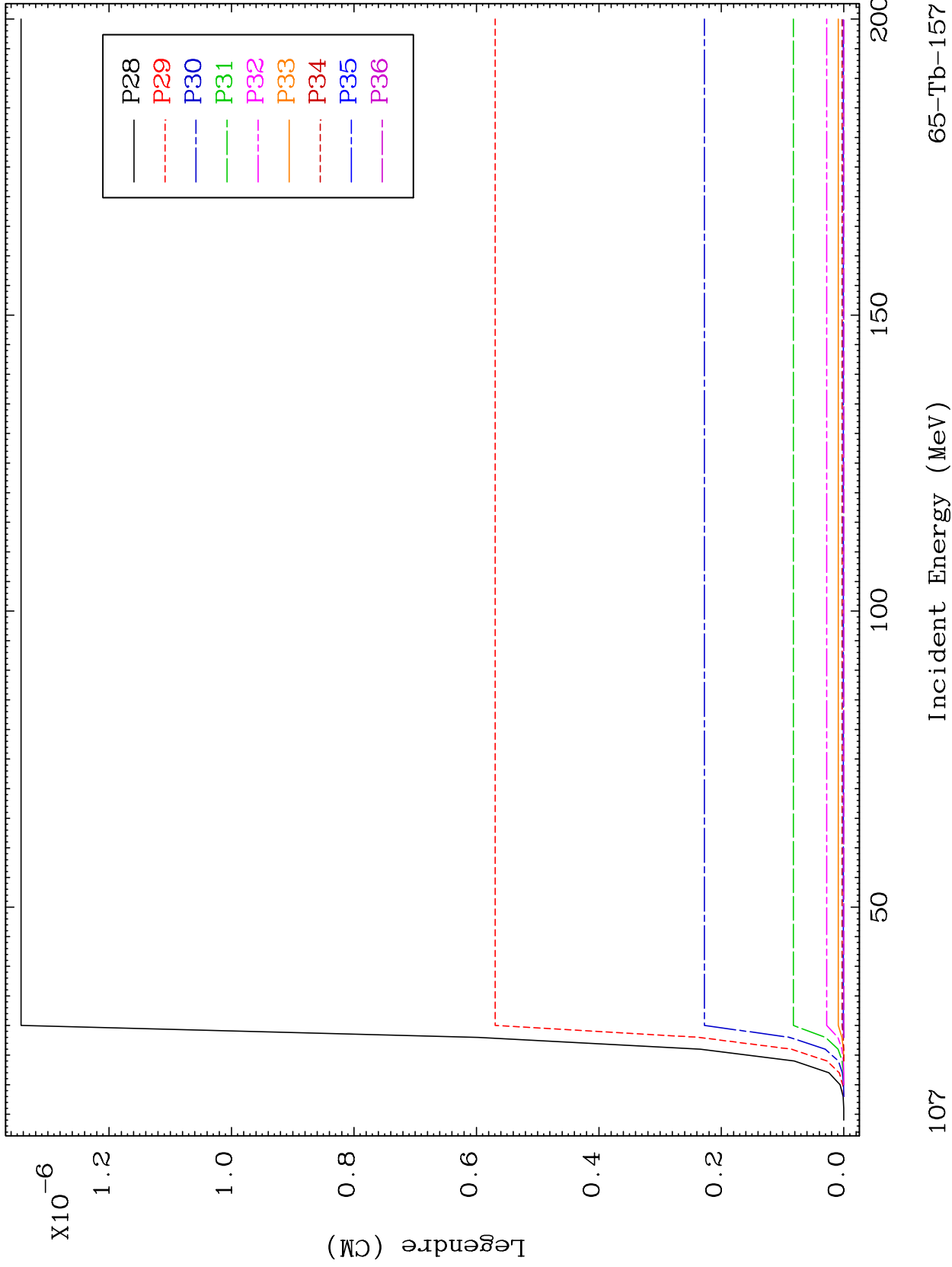
106

65-Tb-157

MAT 6519

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

65-Tb-157



107

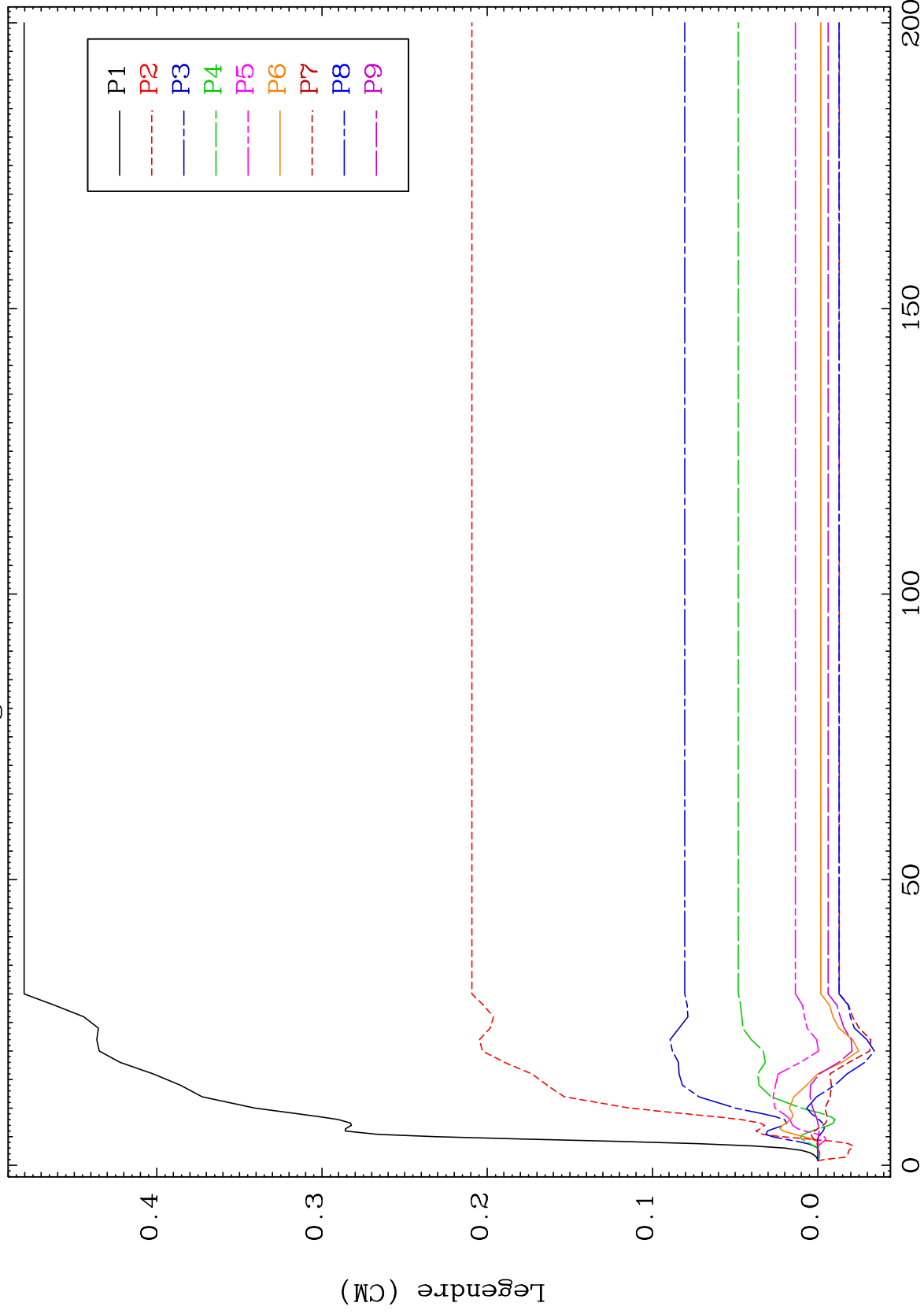
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

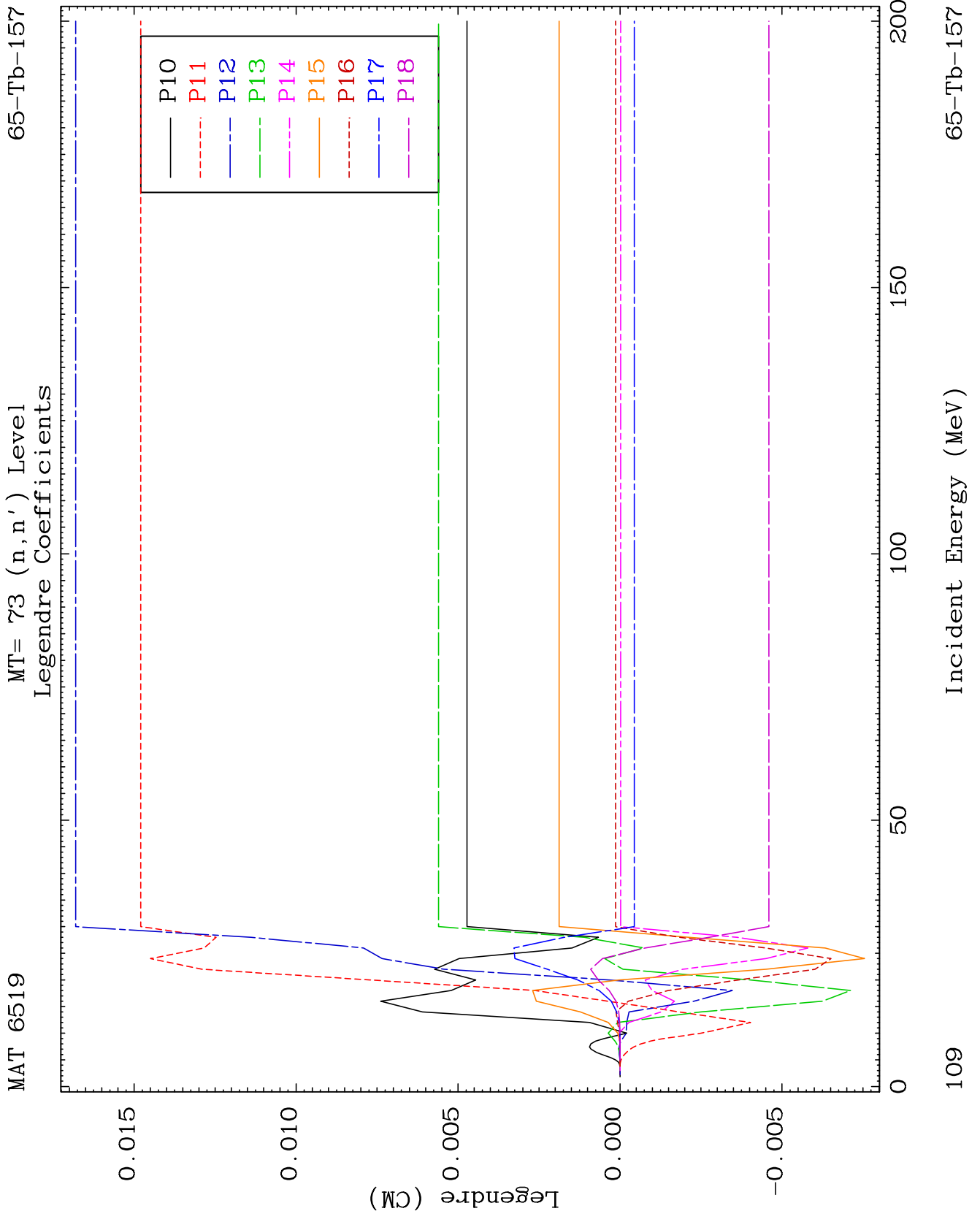
65-Tb-157



108

Incident Energy (MeV)

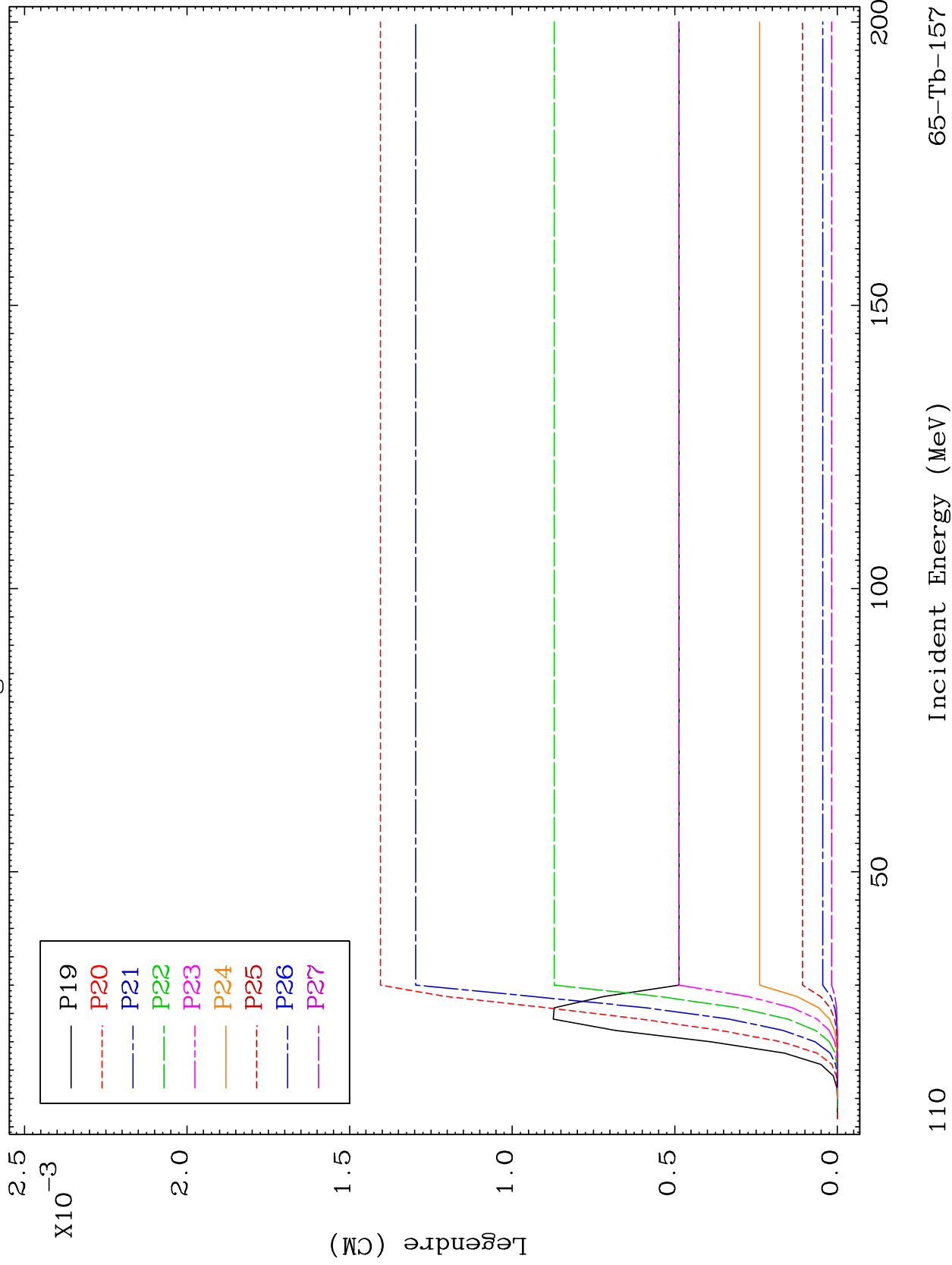
65-Tb-157



MAT 6519

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

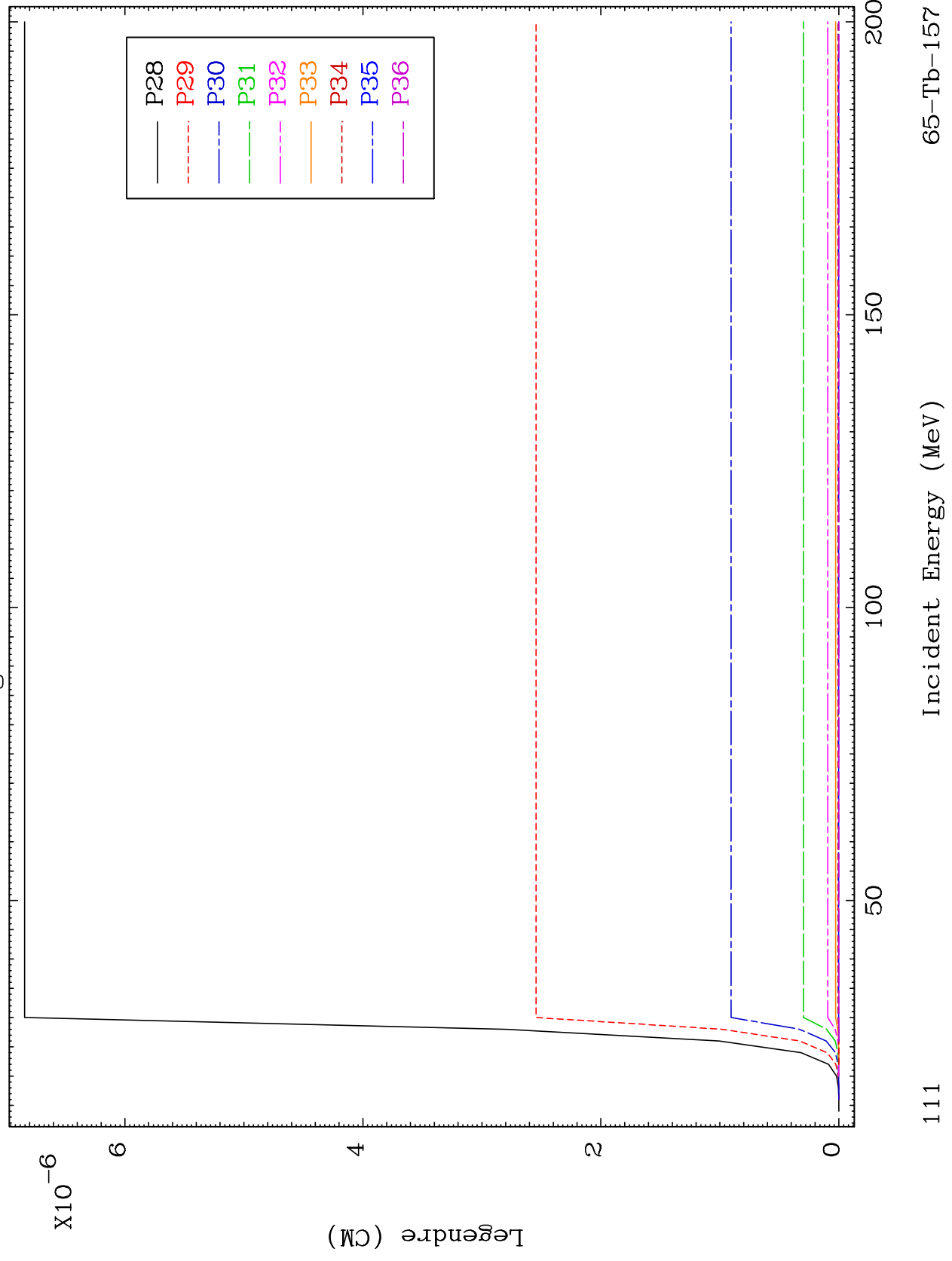
65-Tb-157



MAT 6519

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

65-Tb-157



111

Incident Energy (MeV)

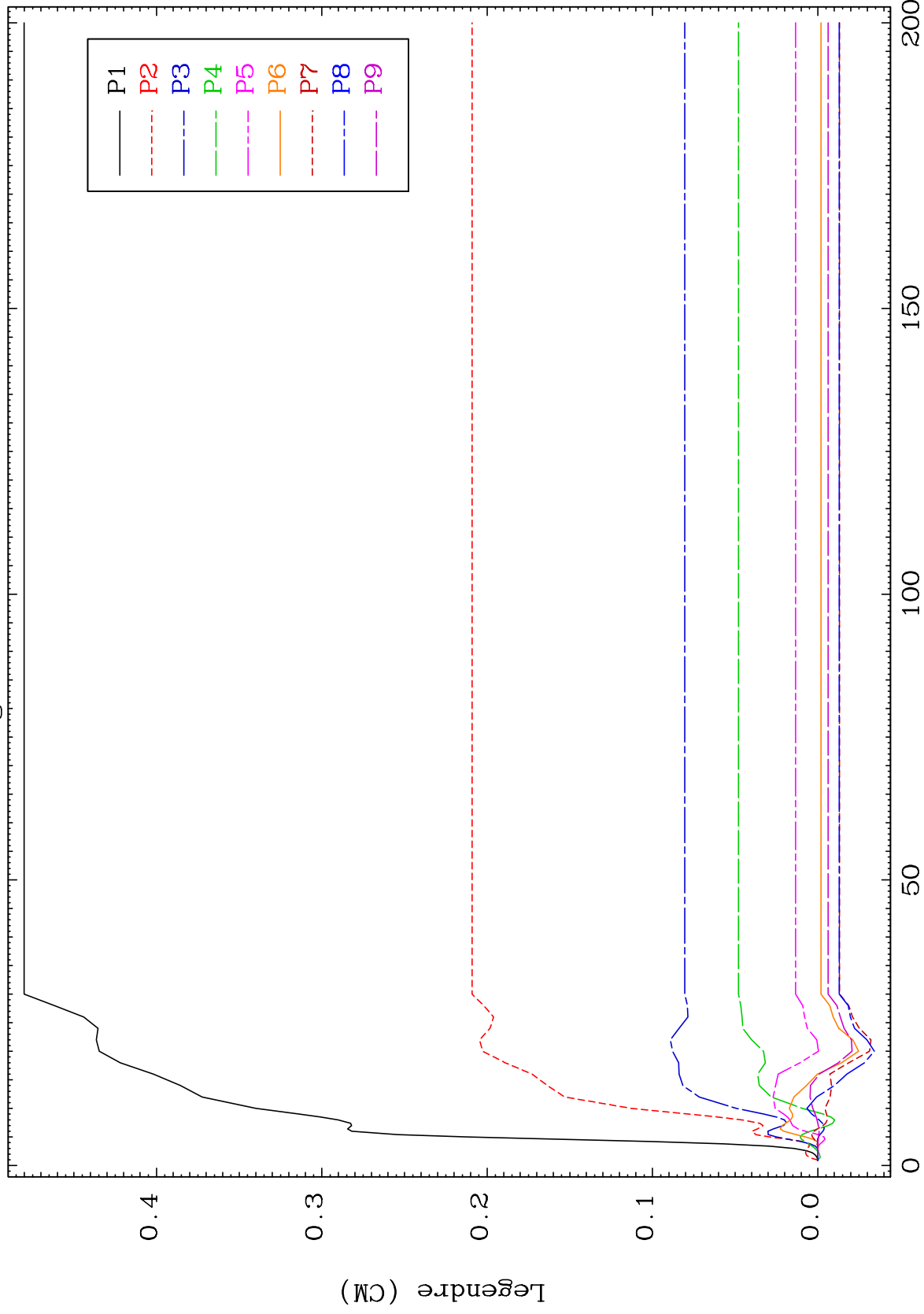
65-Tb-157



MAT 6519

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

65-Tb-157



112

Incident Energy (MeV)

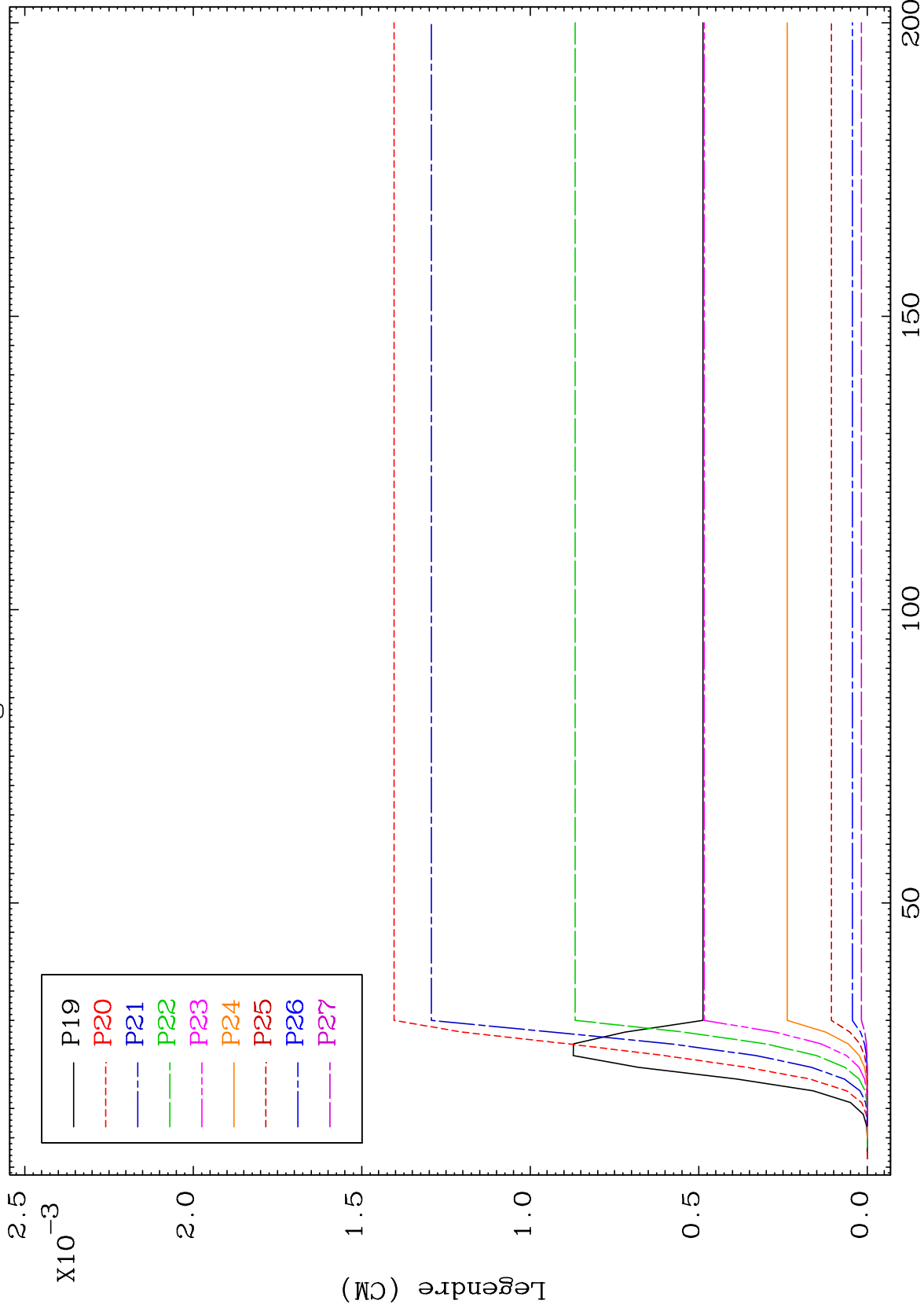
65-Tb-157



MAT 6519

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

65-Tb-157



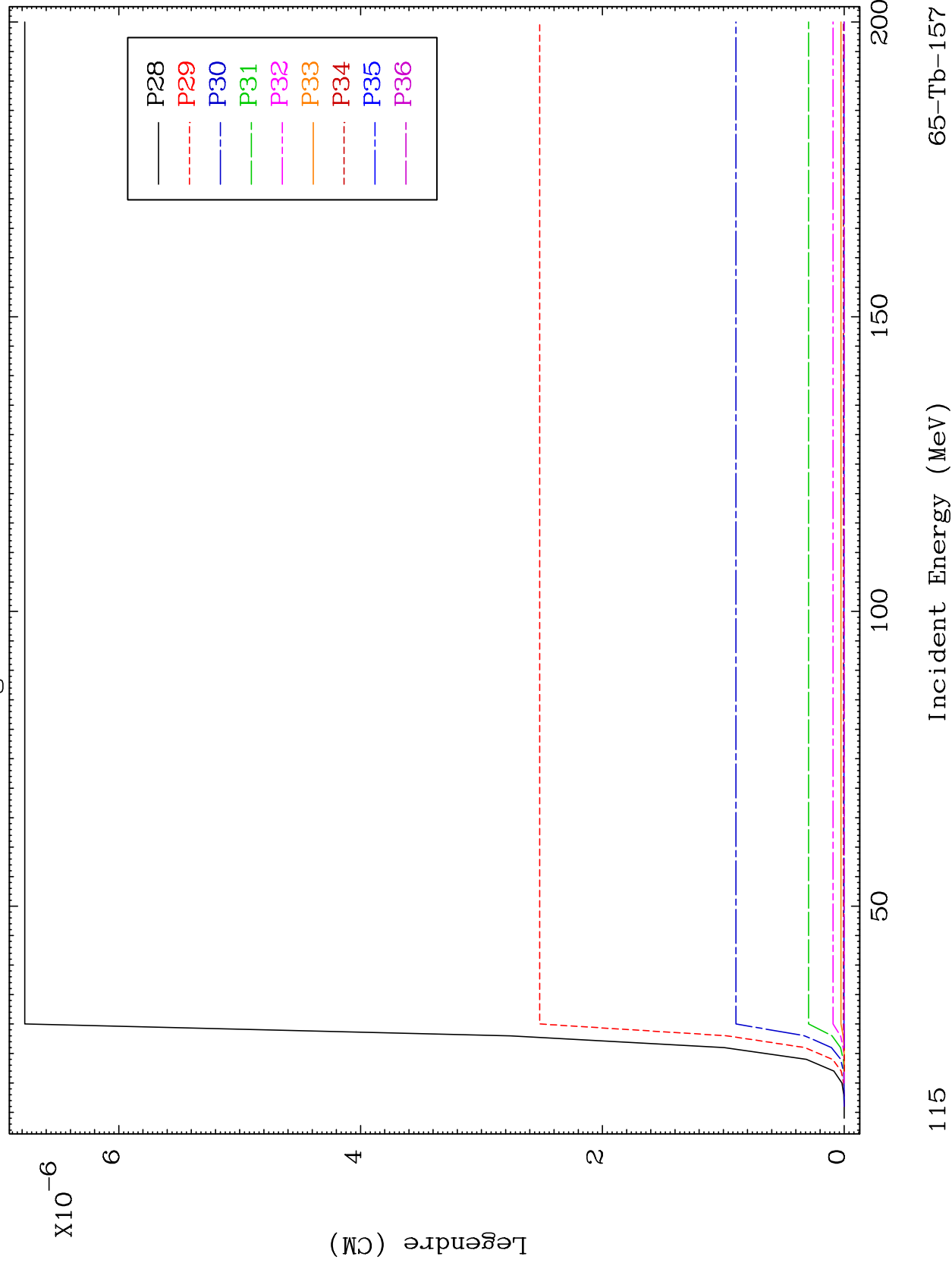
114

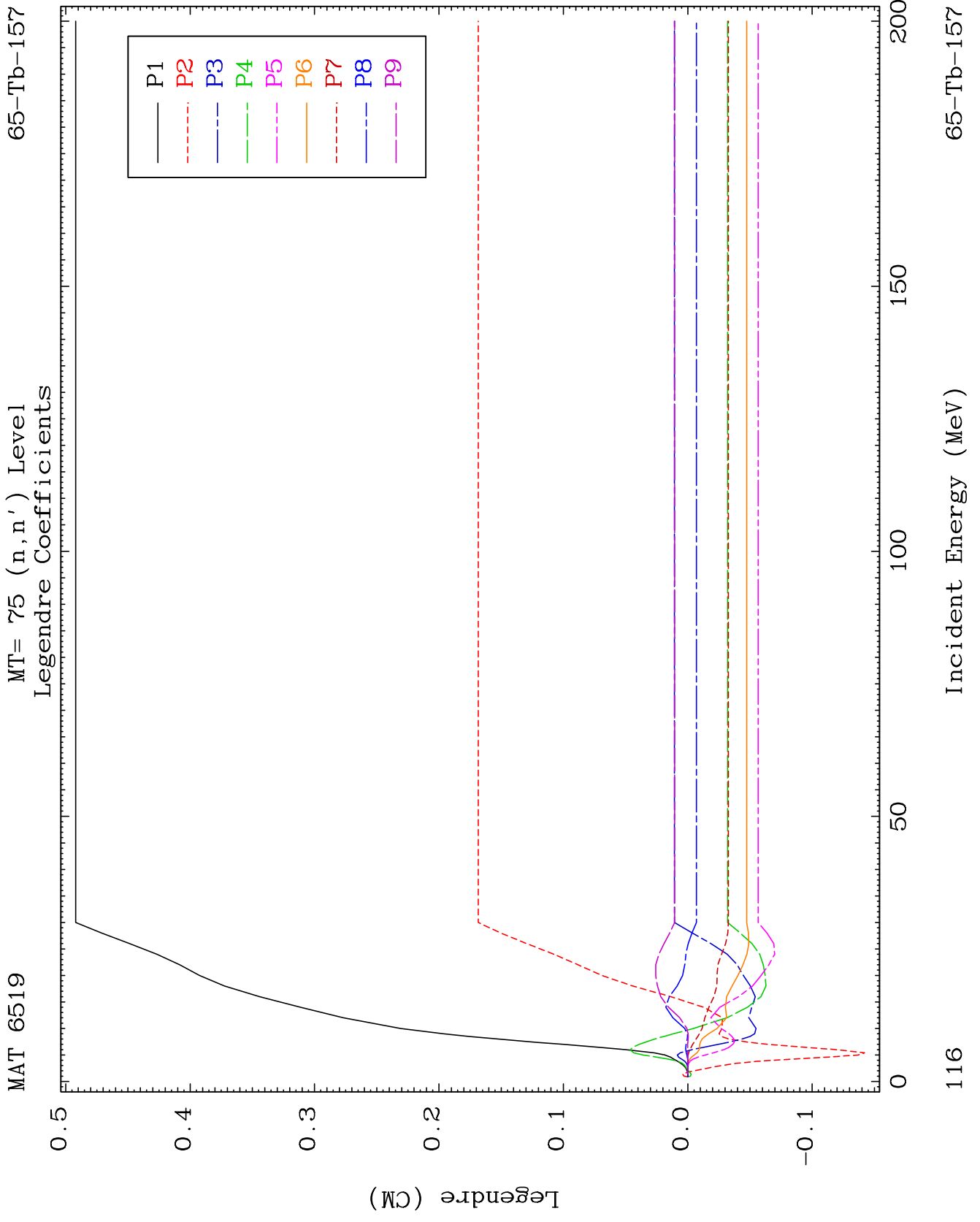
65-Tb-157

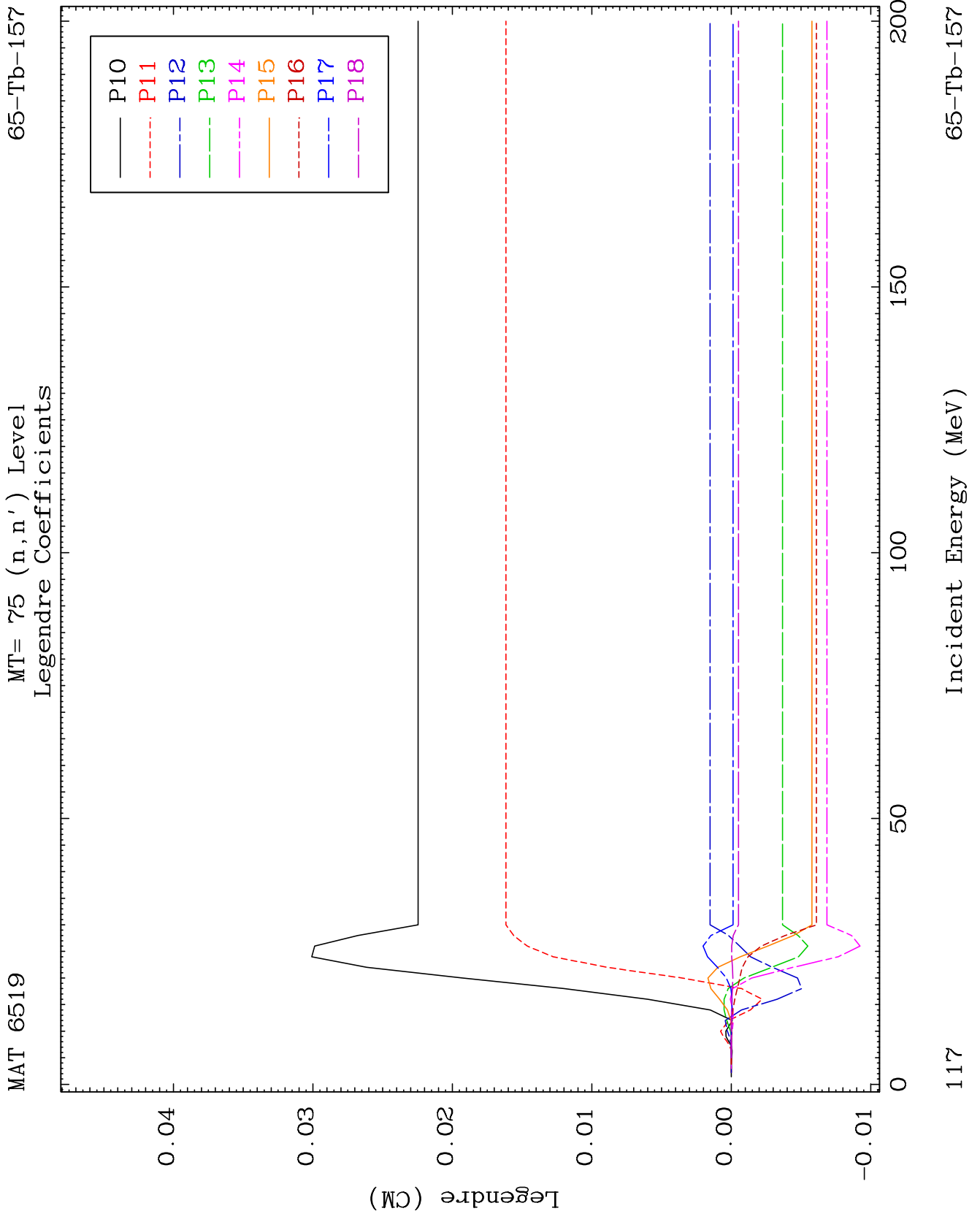
MAT 6519

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

65-Tb-157



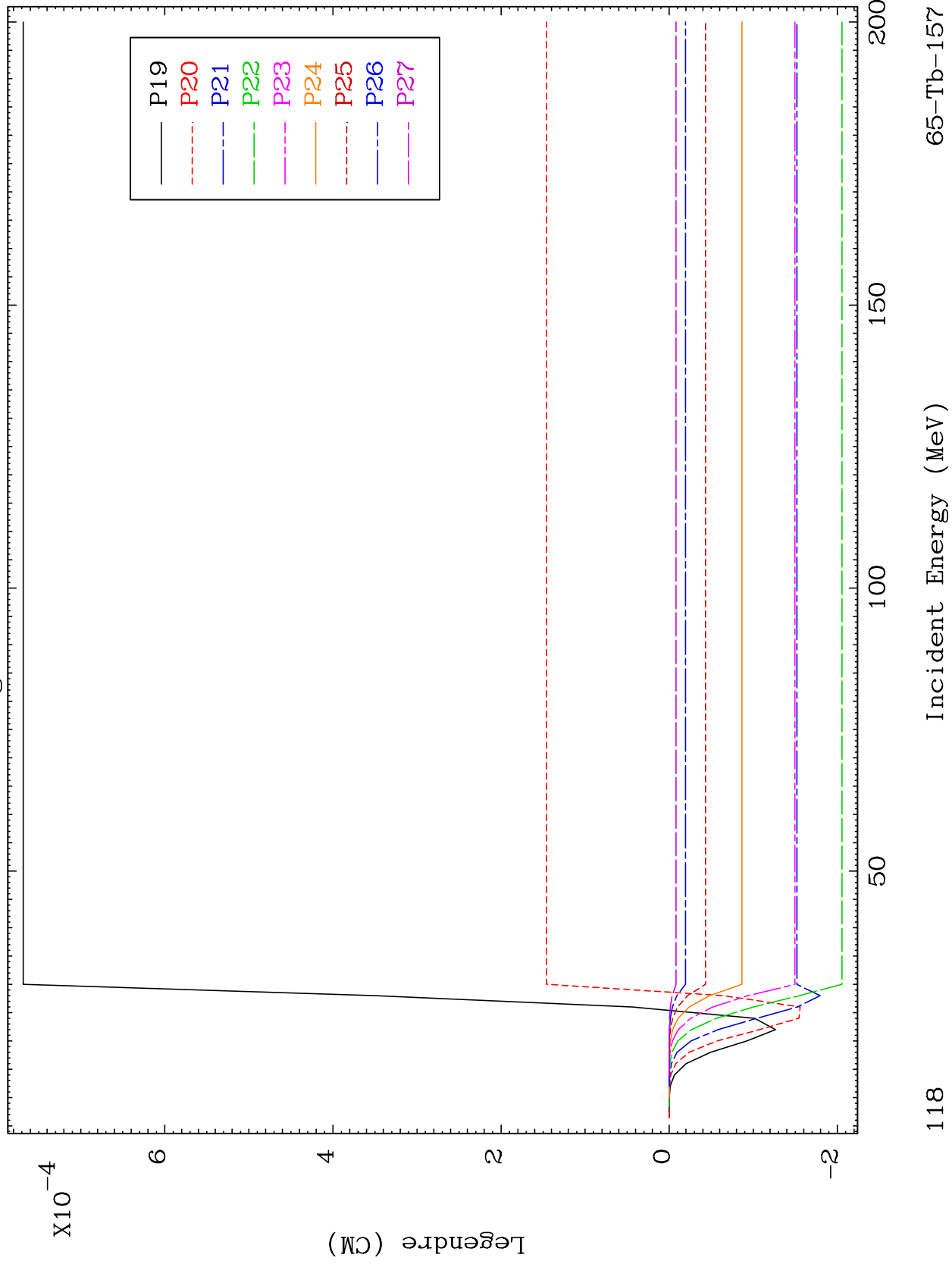




MAT 6519

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

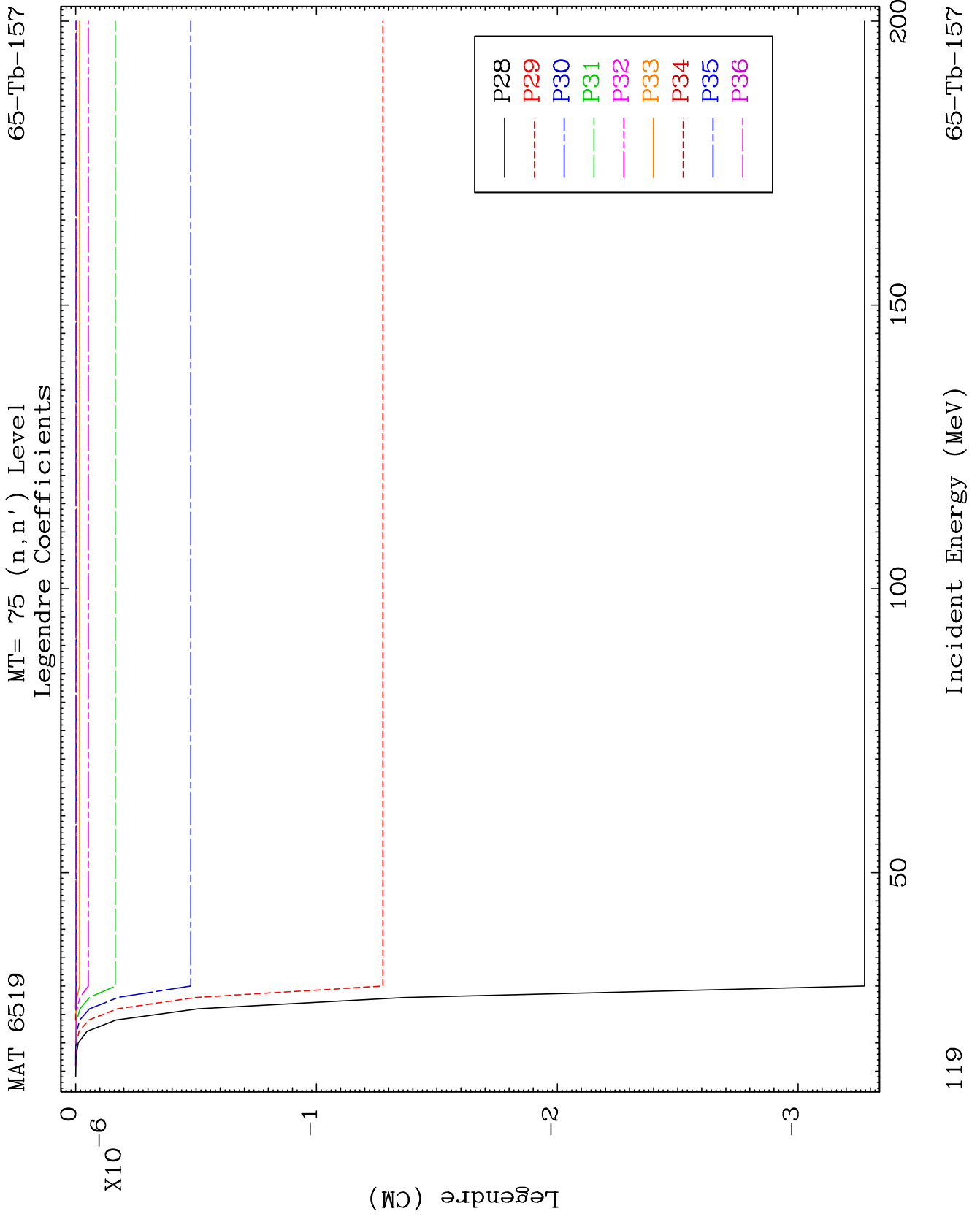
65-Tb-157



118

Incident Energy (MeV)

65-Tb-157

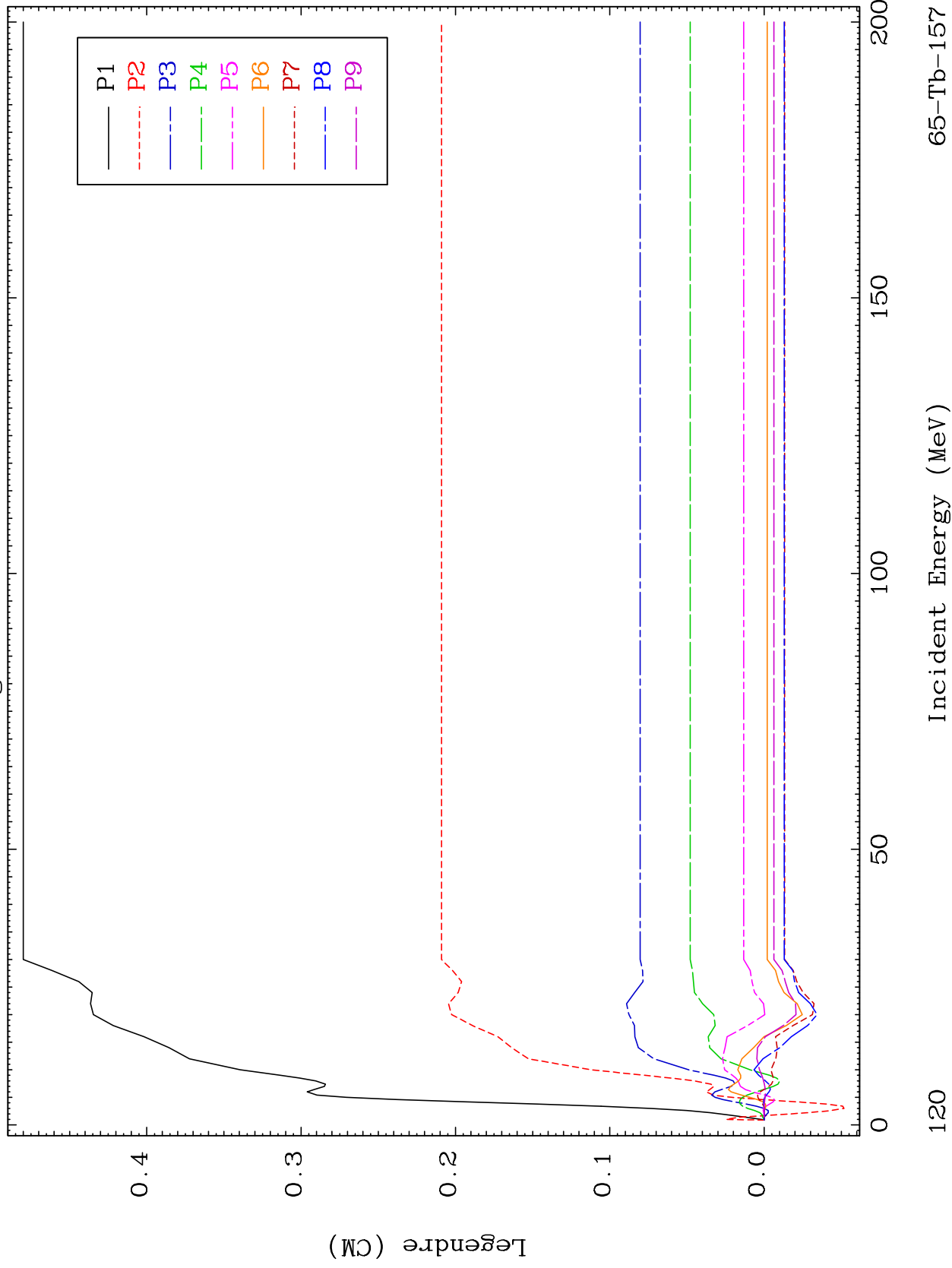




MAT 6519

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

65-Tb-157



65-Tb-157

Incident Energy (MeV)

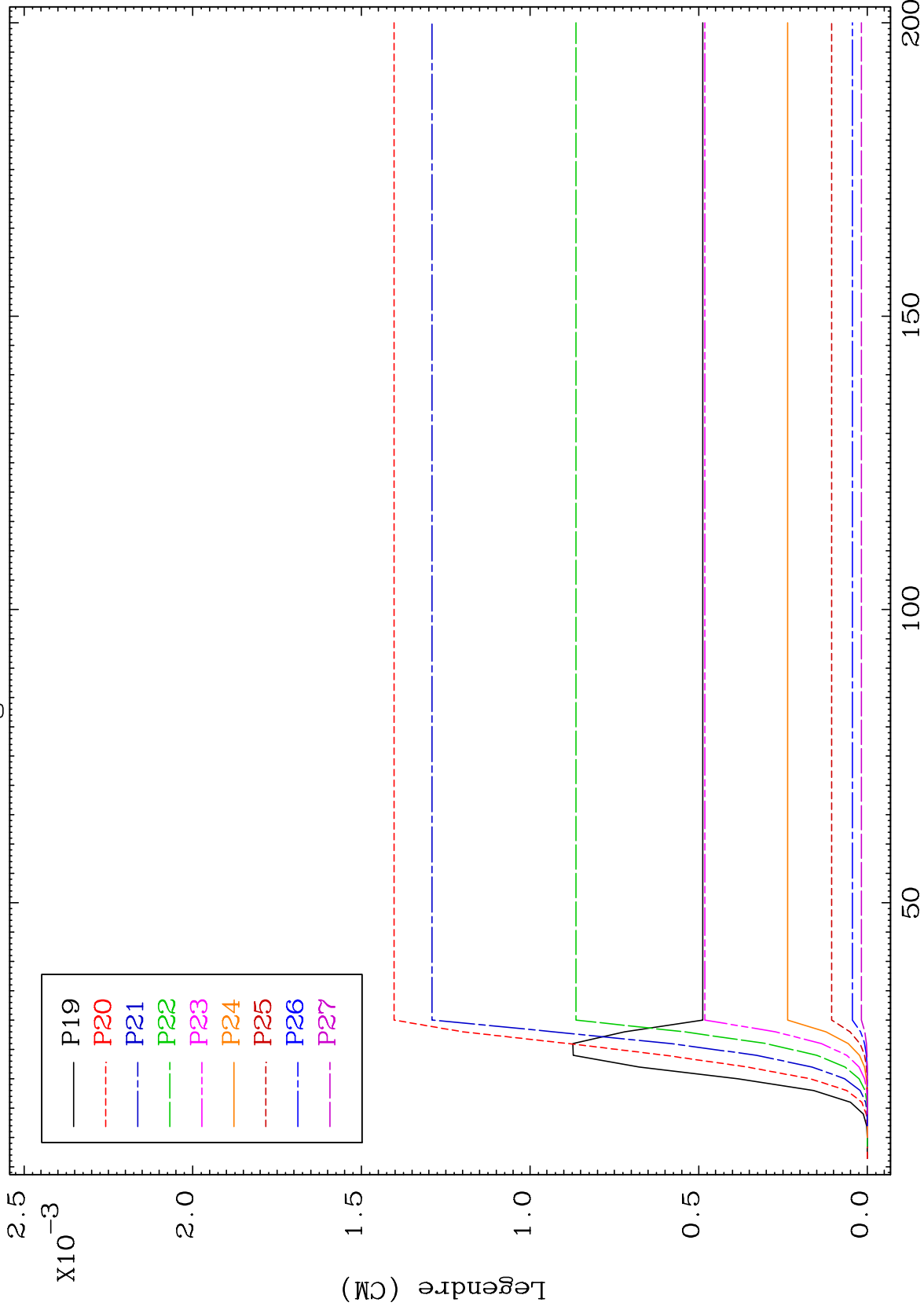
120



MAT 6519

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

65-Tb-157



122

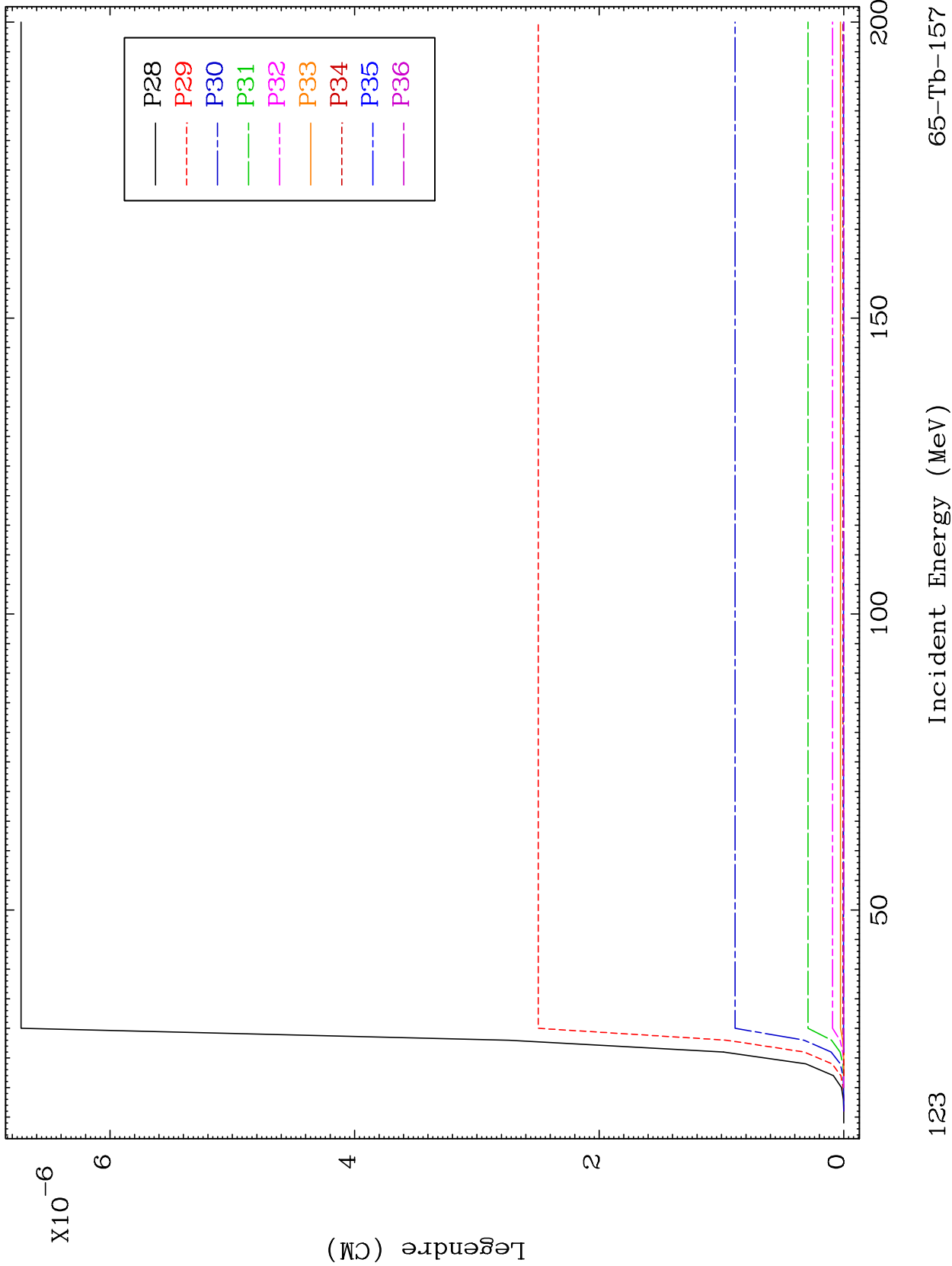
Incident Energy (MeV)

65-Tb-157

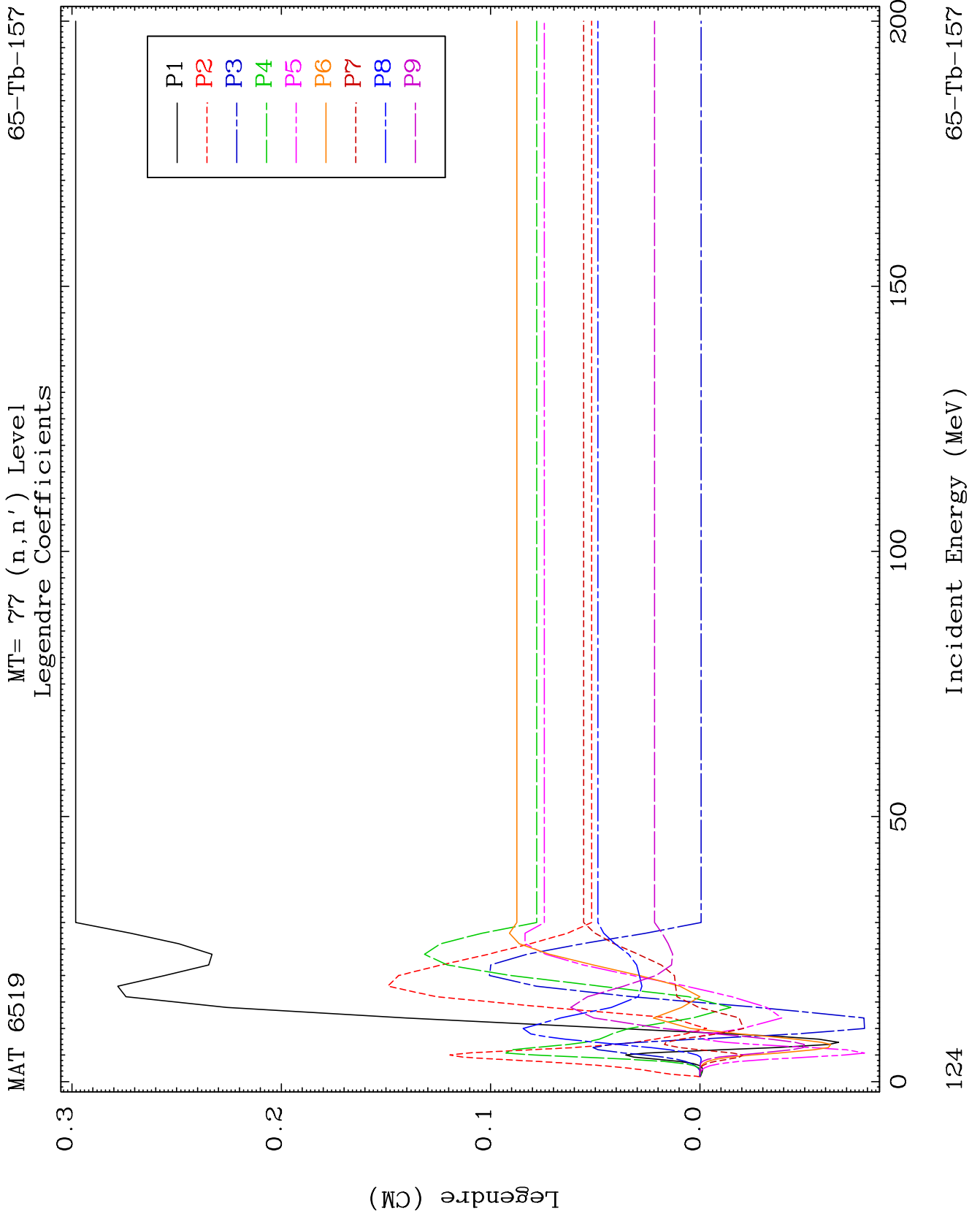
MAT 6519

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

65-Tb-157



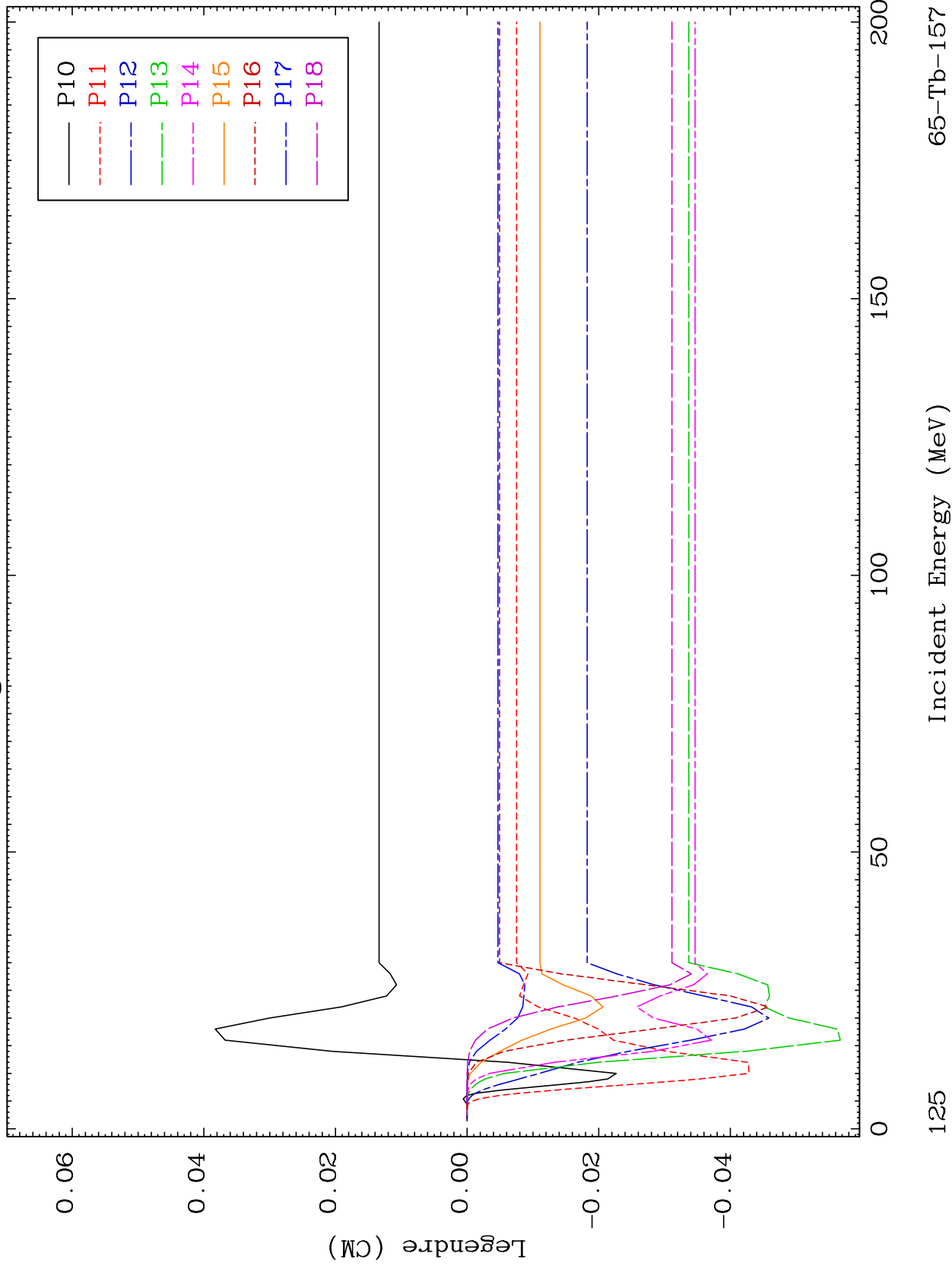
123



MAT 6519

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

65-Tb-157



65-Tb-157

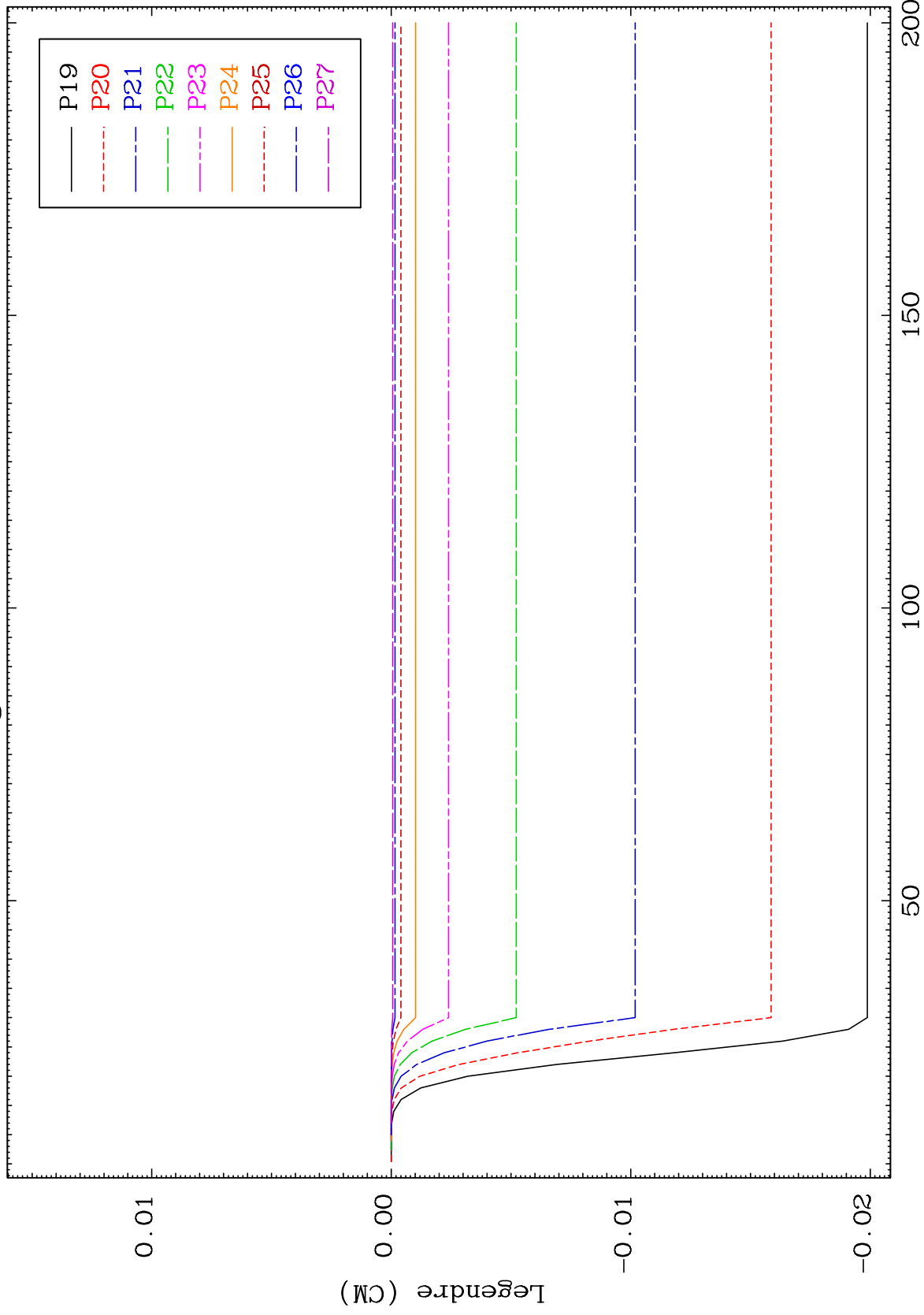
Incident Energy (MeV)

125

MAT 6519

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

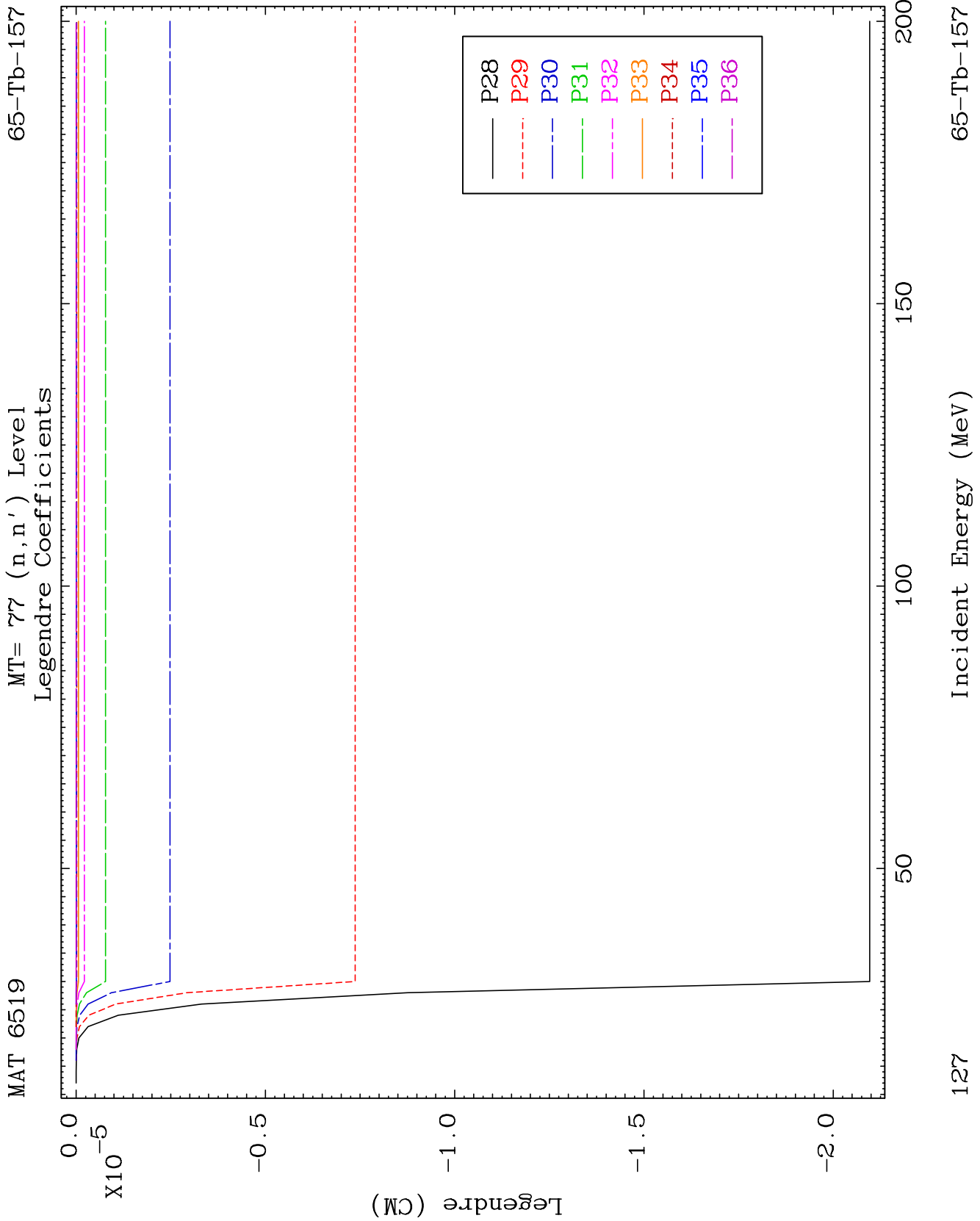
65-Tb-157



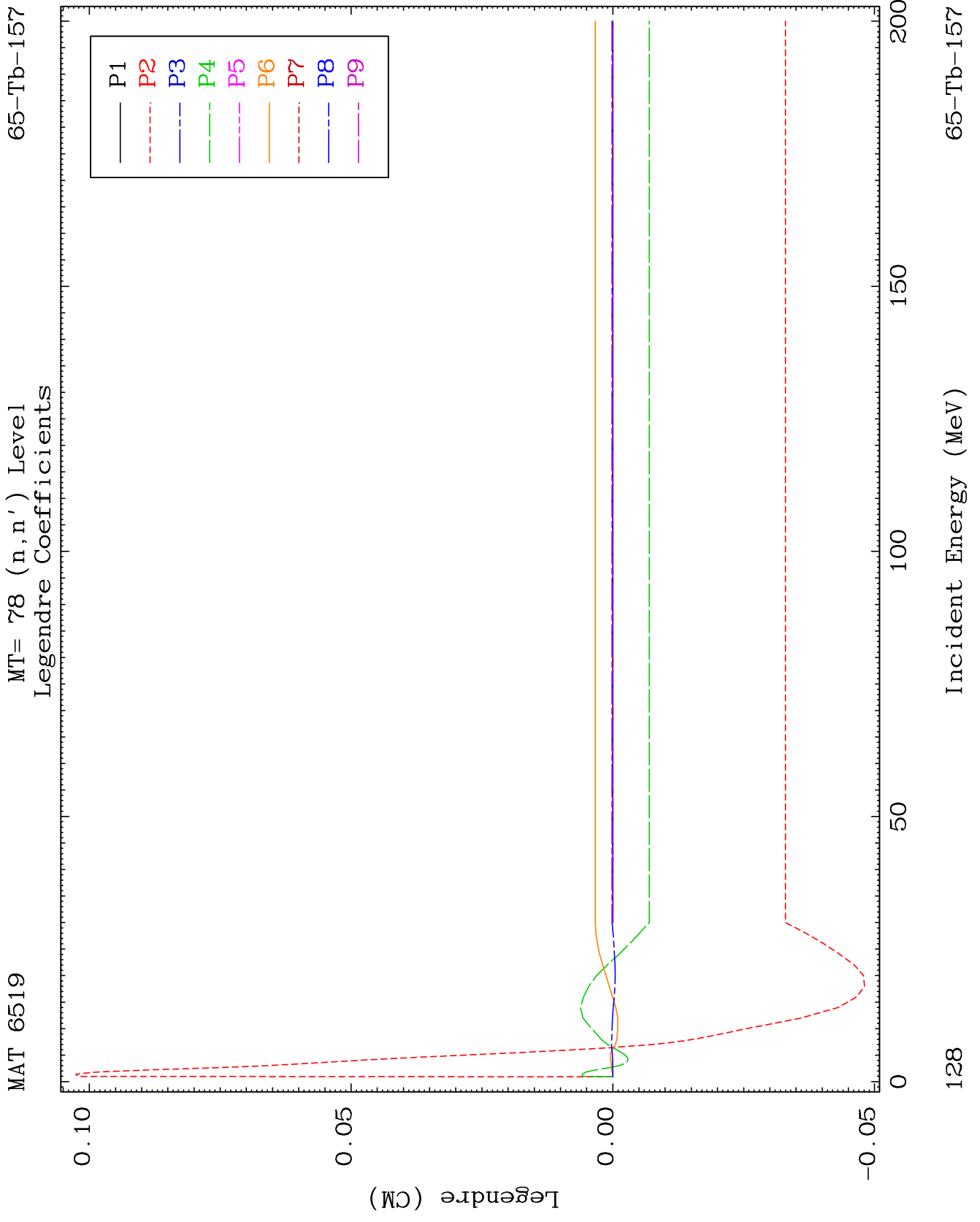
126

Incident Energy (MeV)

65-Tb-157



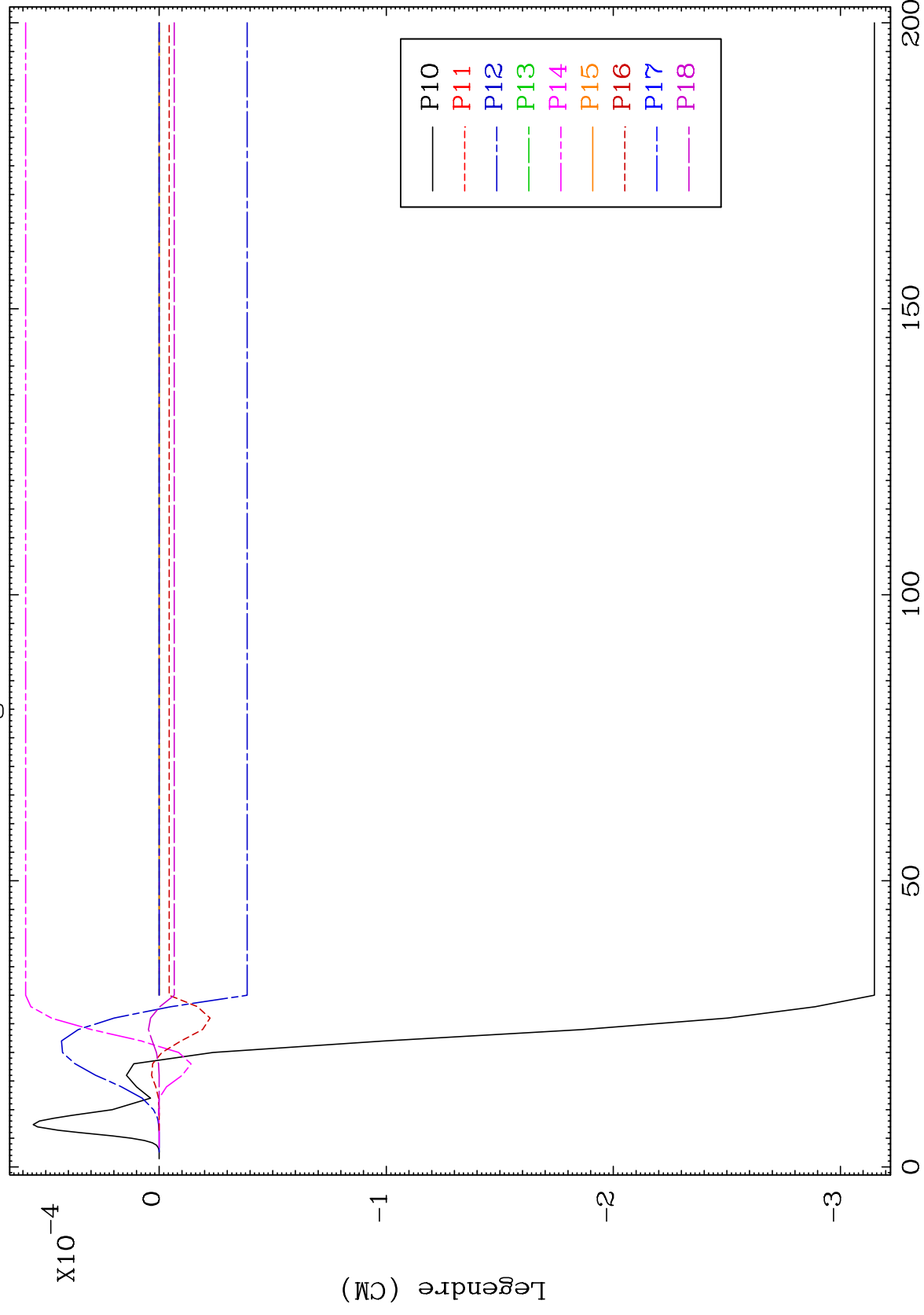




MAT 6519

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

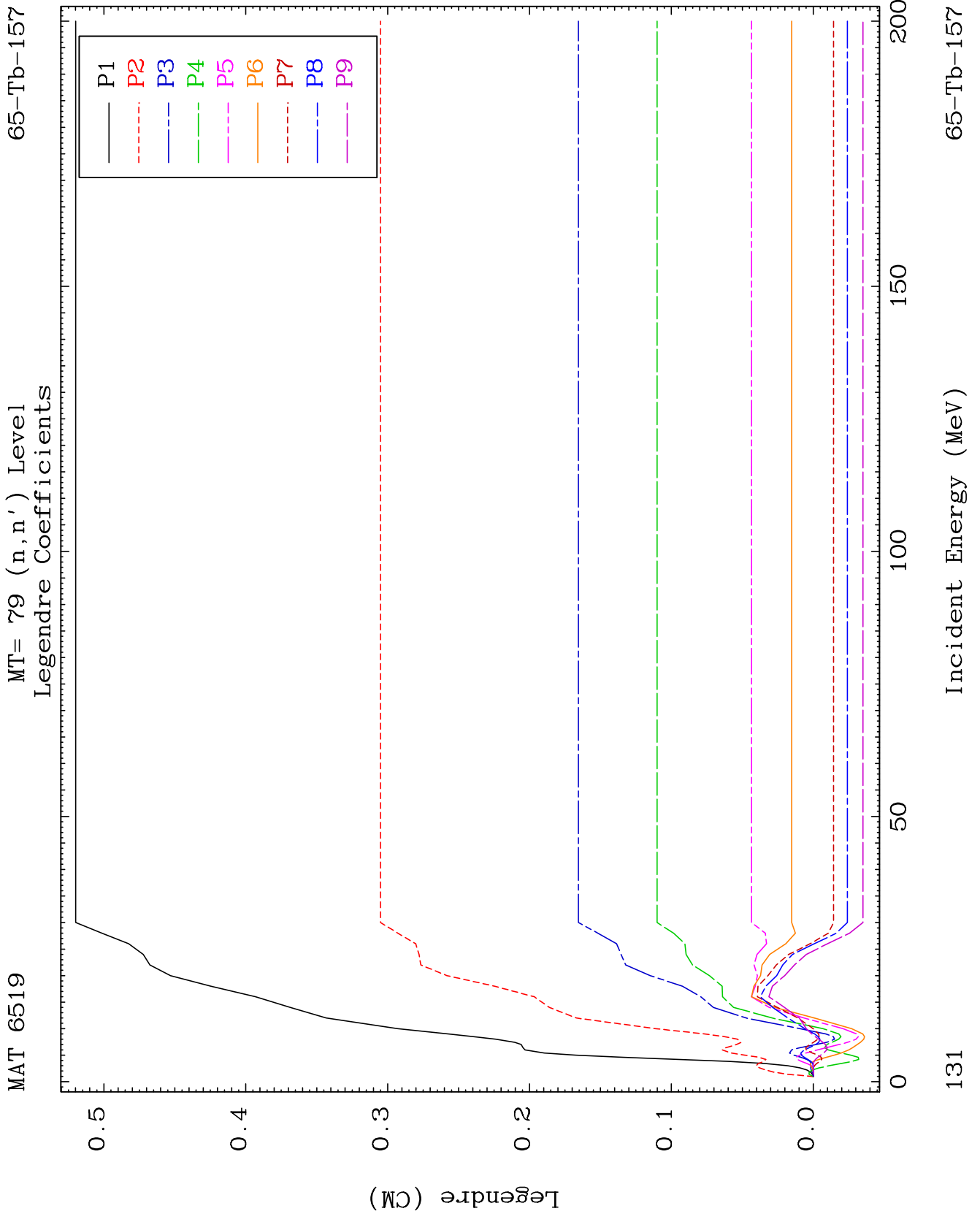
65-Tb-157



129

65-Tb-157

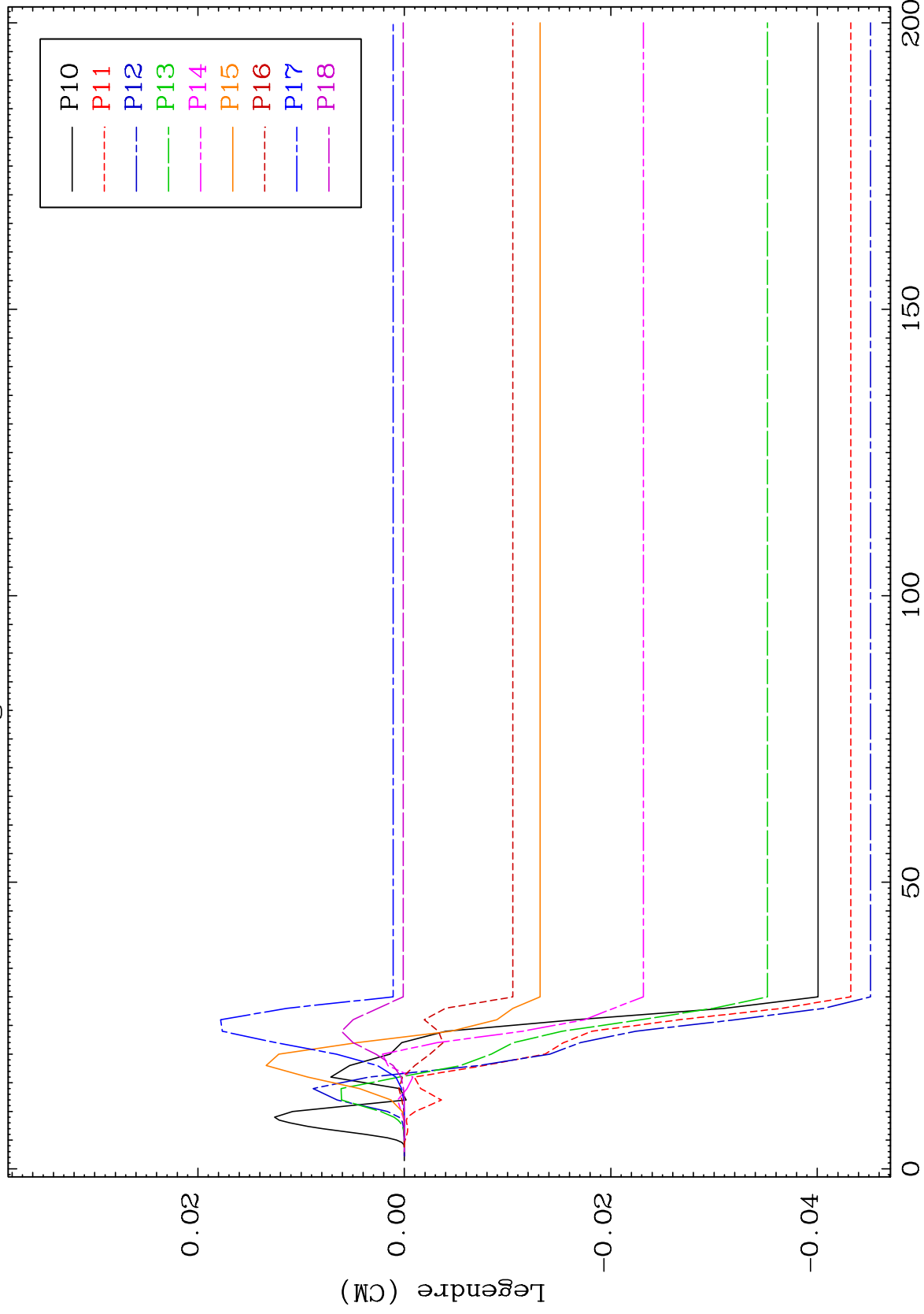




MAT 6519

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

65-Tb-157



132

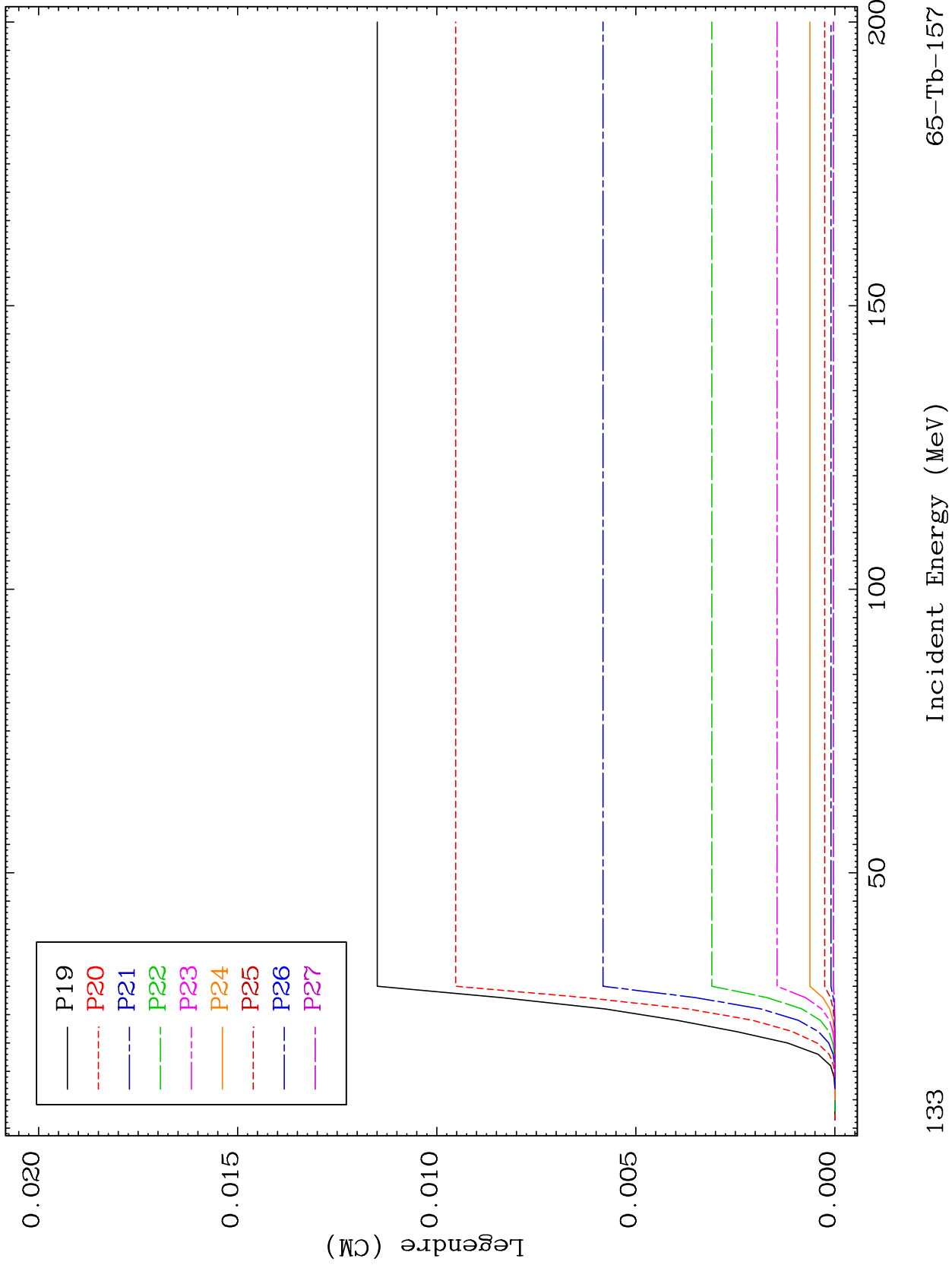
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



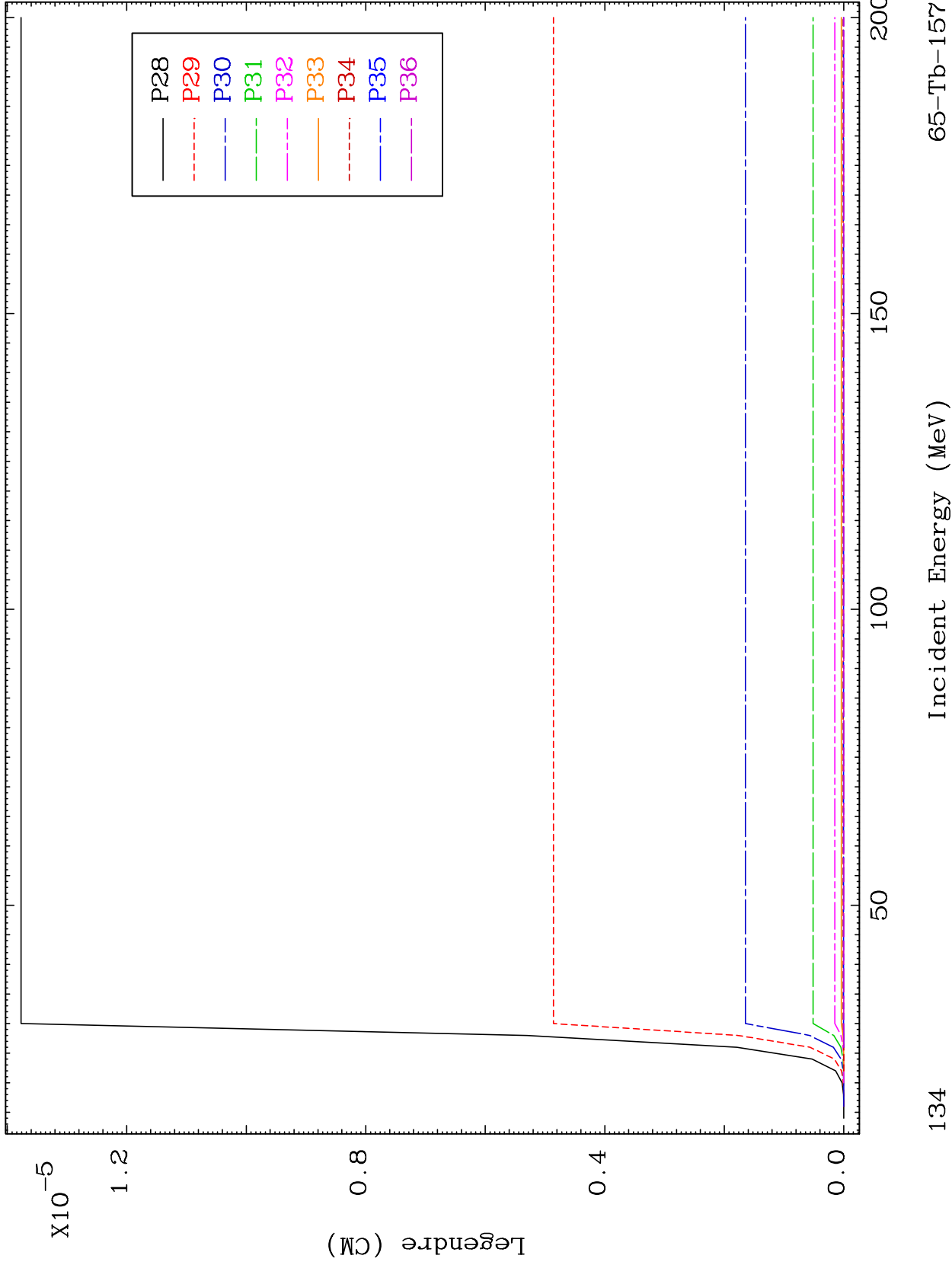
133

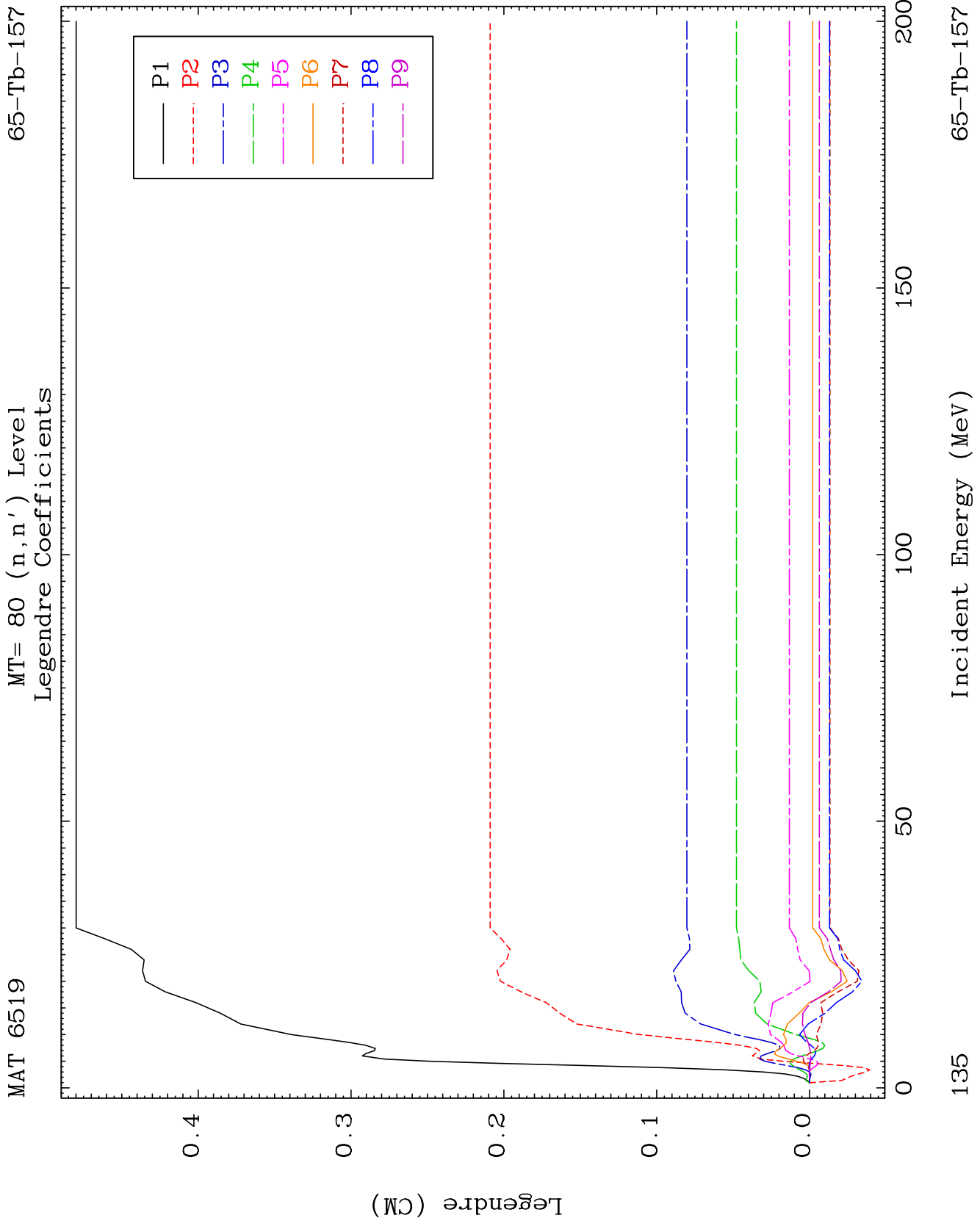
65-Tb-157

MAT 6519

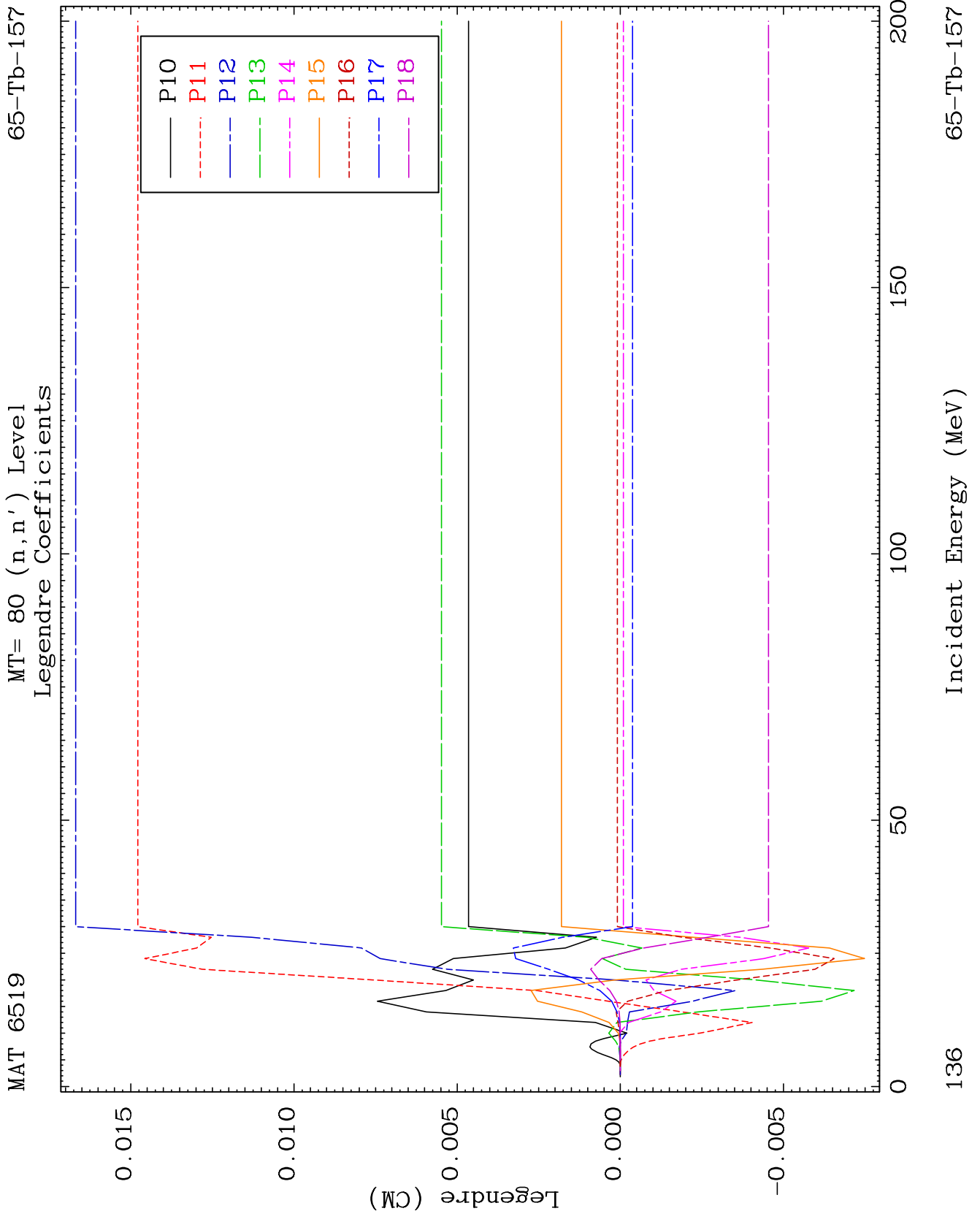
MT= 79 (n,n') Level  
Legendre Coefficients

65-Tb-157





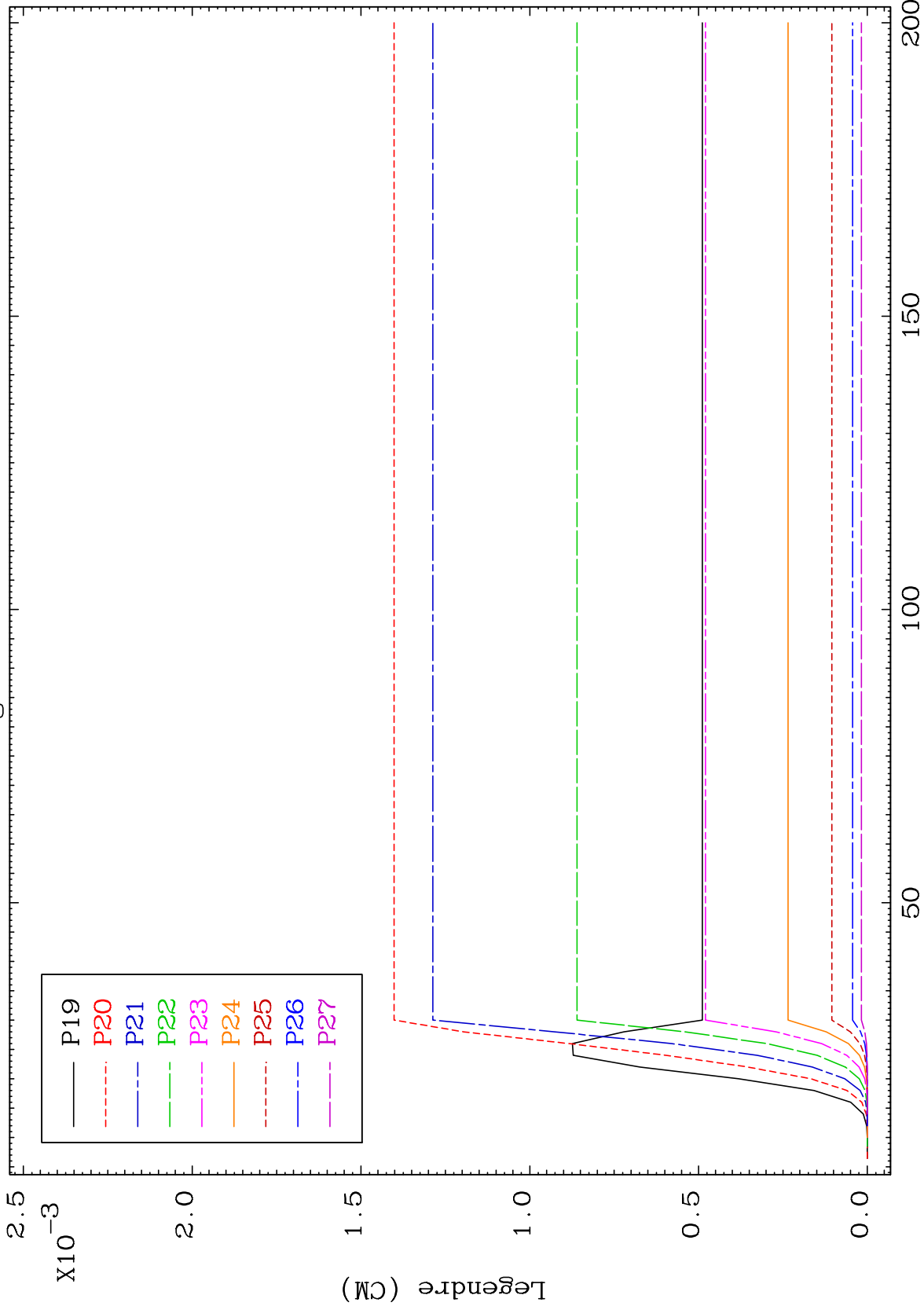




MAT 6519

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

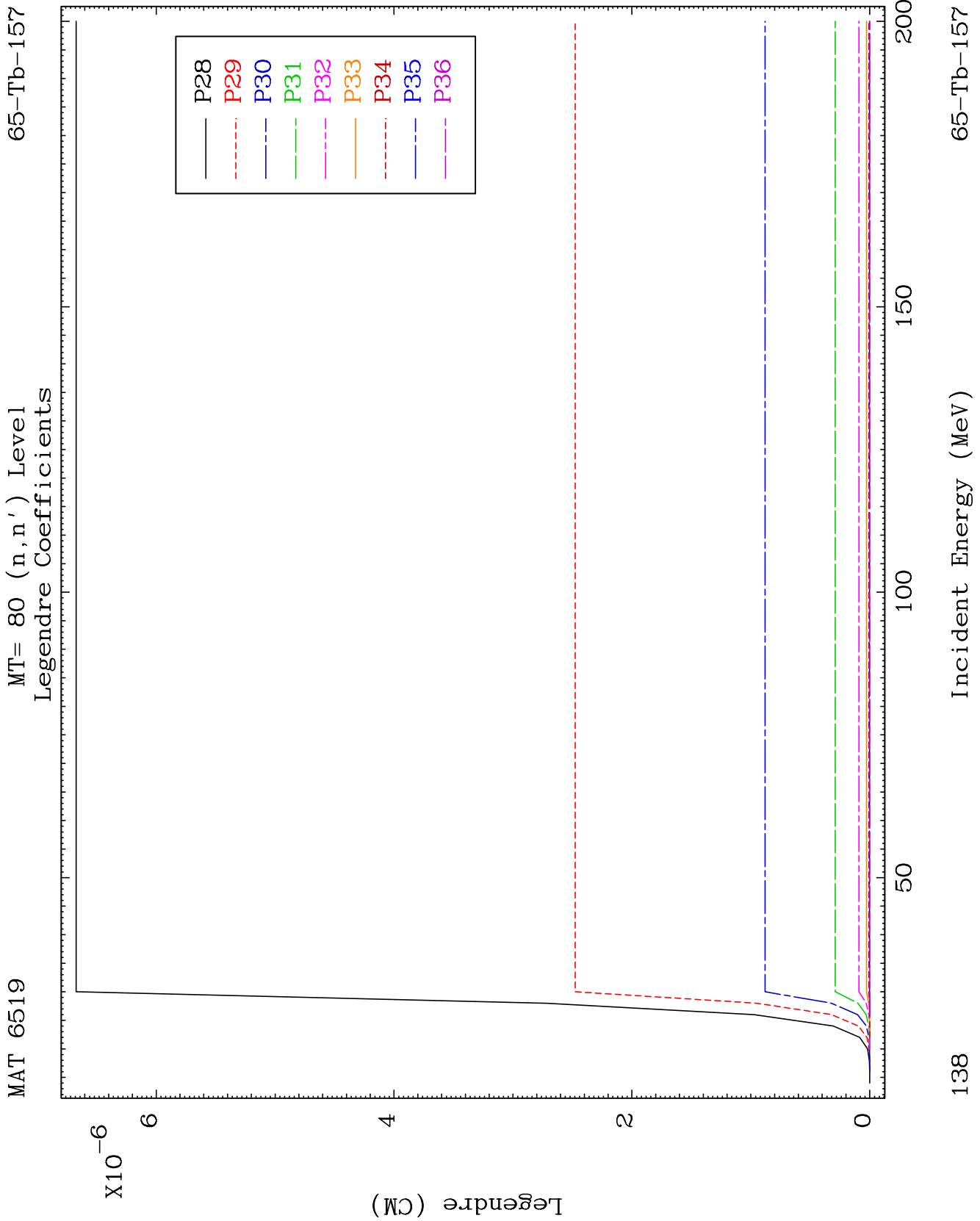
65-Tb-157



137

Incident Energy (MeV)

65-Tb-157

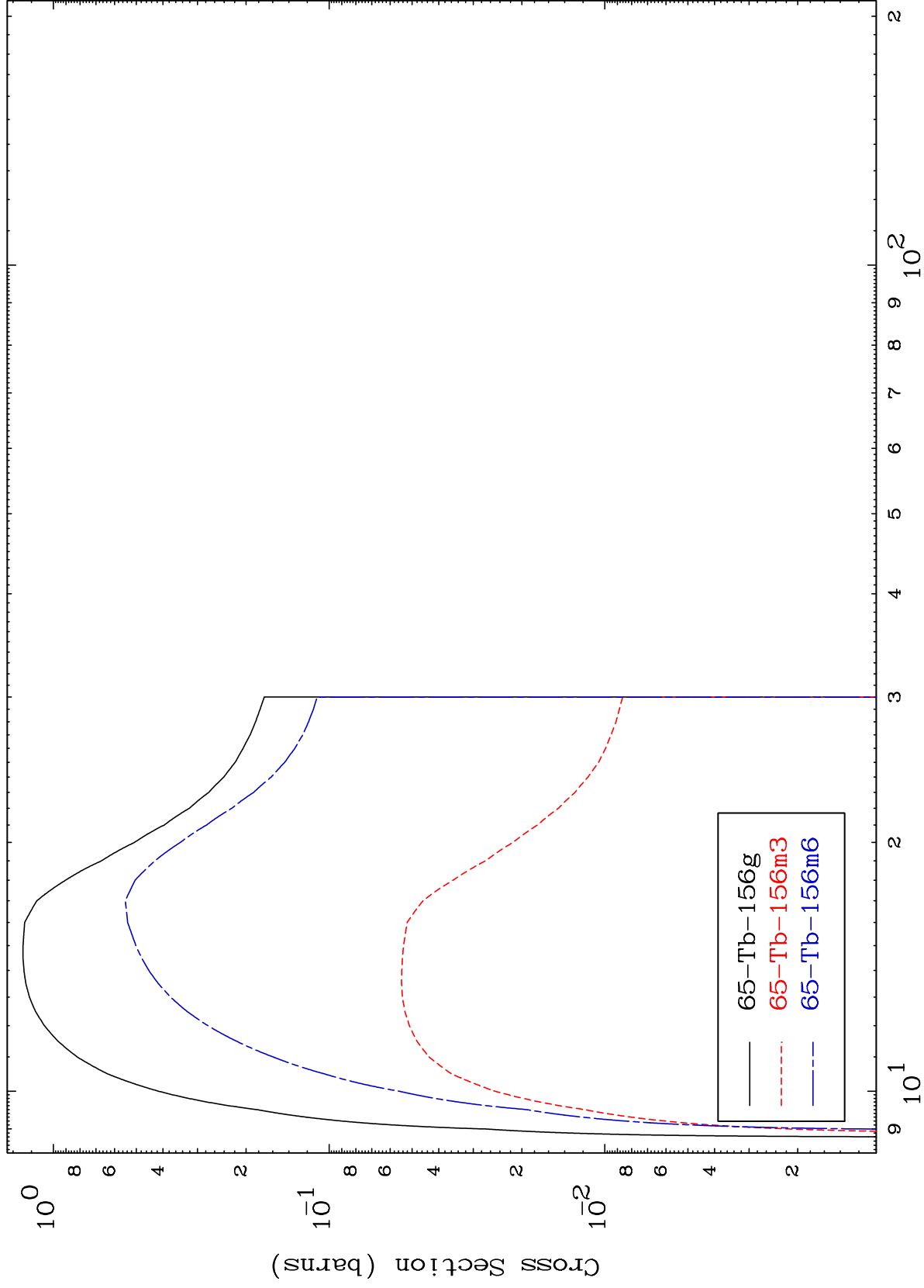


MAT 6519

(n,2n)

65-Tb-157

Radionuclide Production Cross Section



139

Incident Energy (MeV)

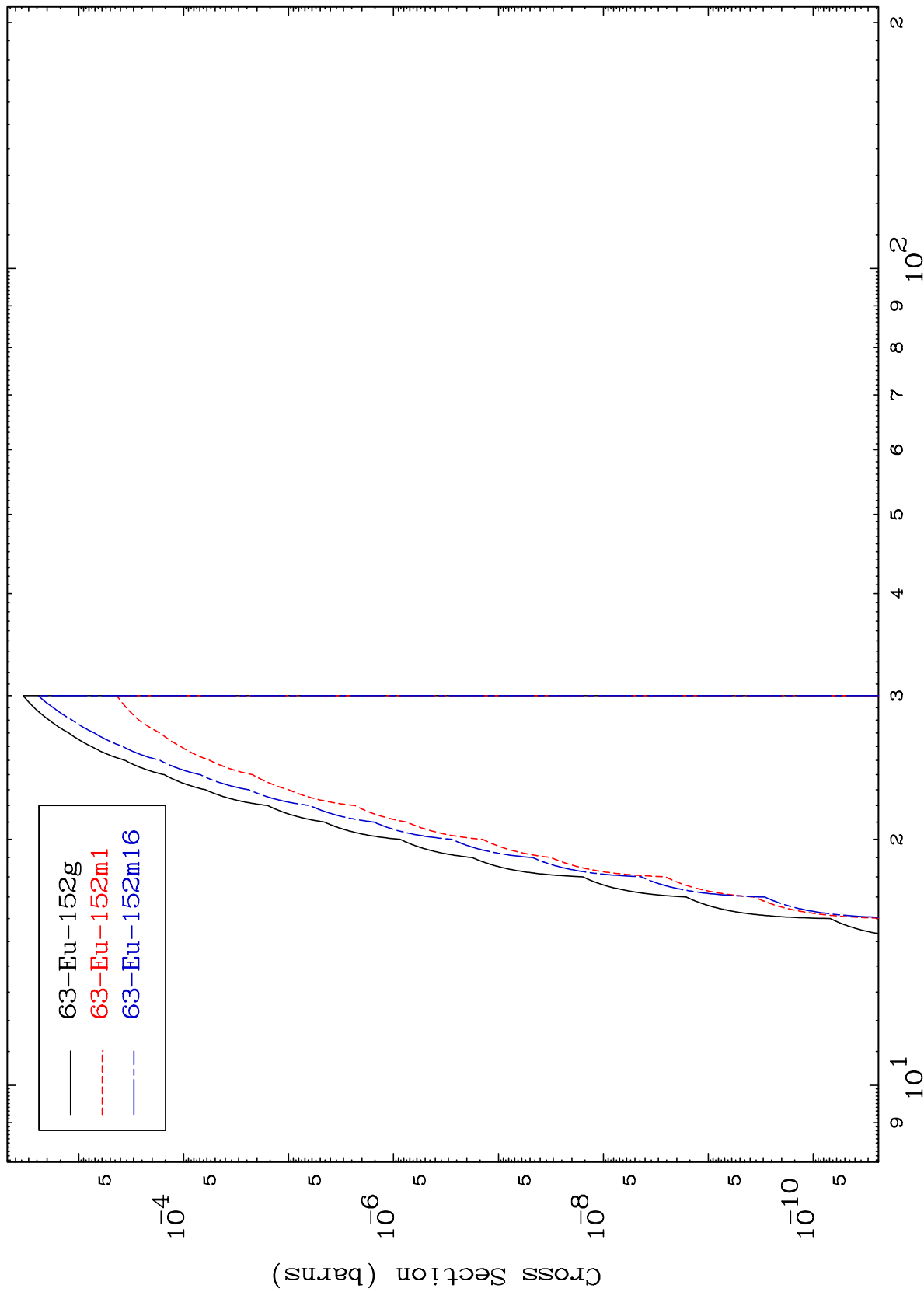
65-Tb-157

MAT 6519

(n,2n)  $\alpha$

65-Tb-157

Radionuclide Production Cross Section



140

Incident Energy (MeV)

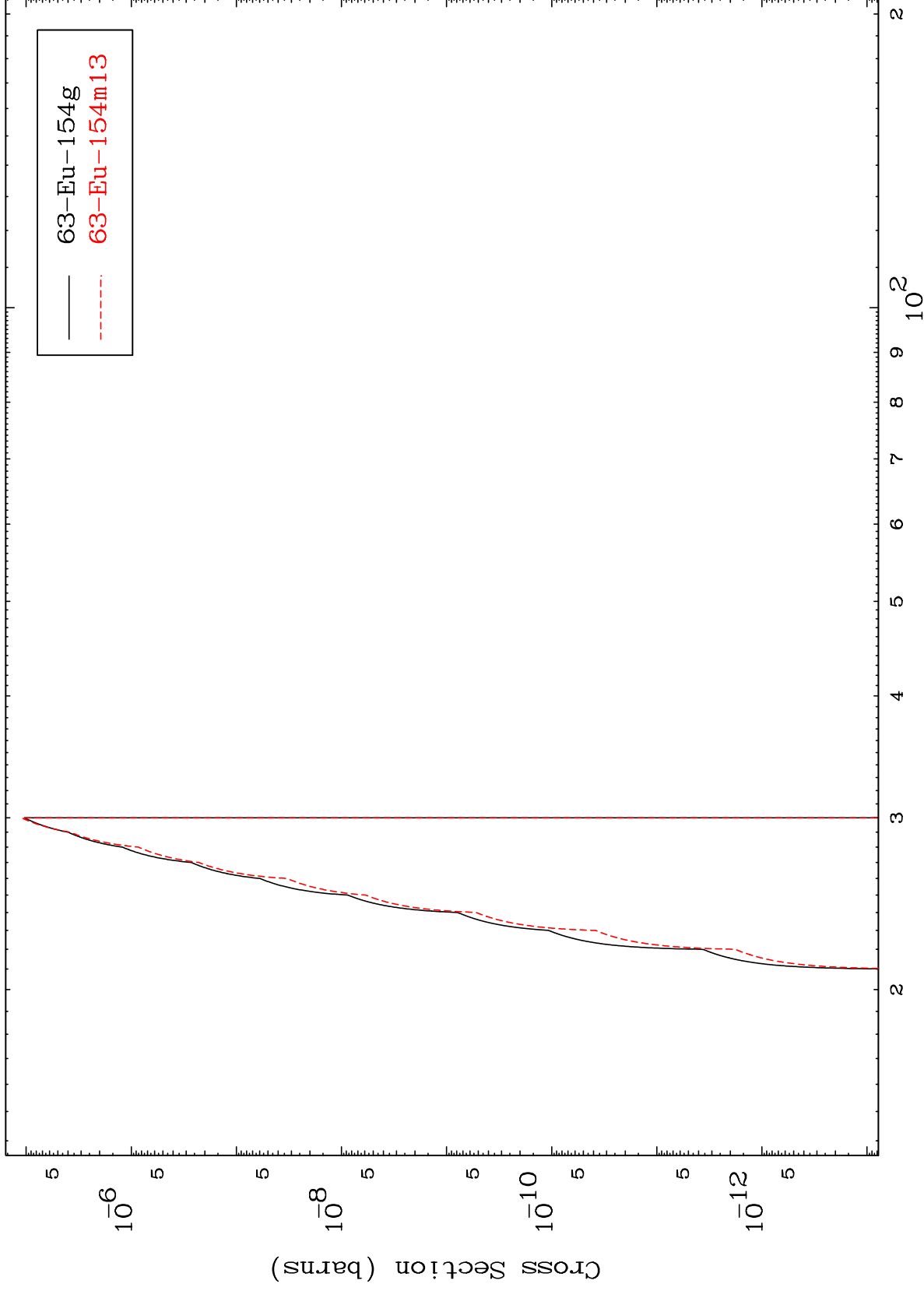
65-Tb-157

MAT 6519

(n,n') He-3

65-Tb-157

Radionuclide Production Cross Section



141

Incident Energy (MeV)

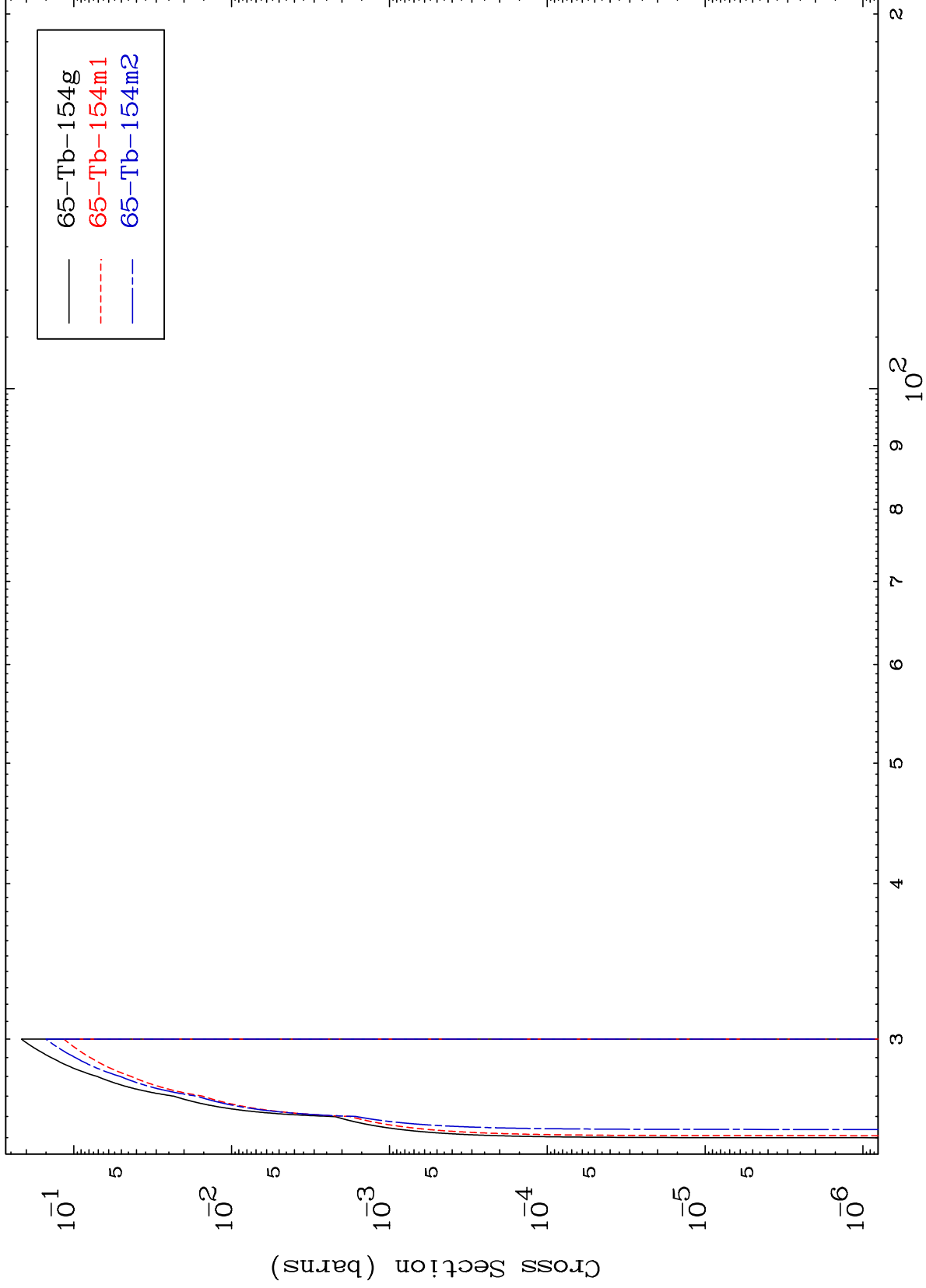
65-Tb-157

MAT 6519

(n,4n)

65-Tb-157

Radionuclide Production Cross Section



142

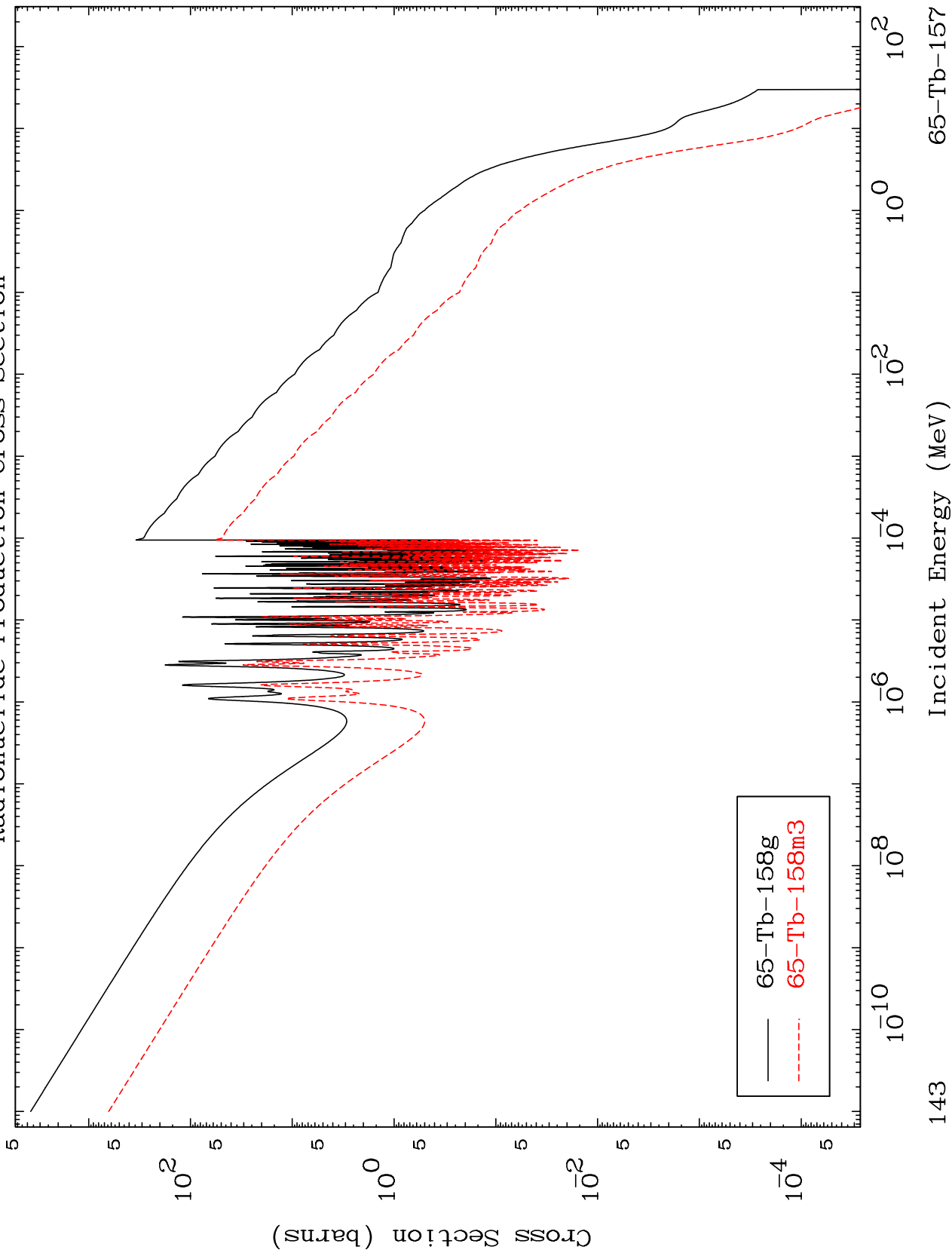
Incident Energy (MeV)

65-Tb-157

MAT 6519

65-Tb-157

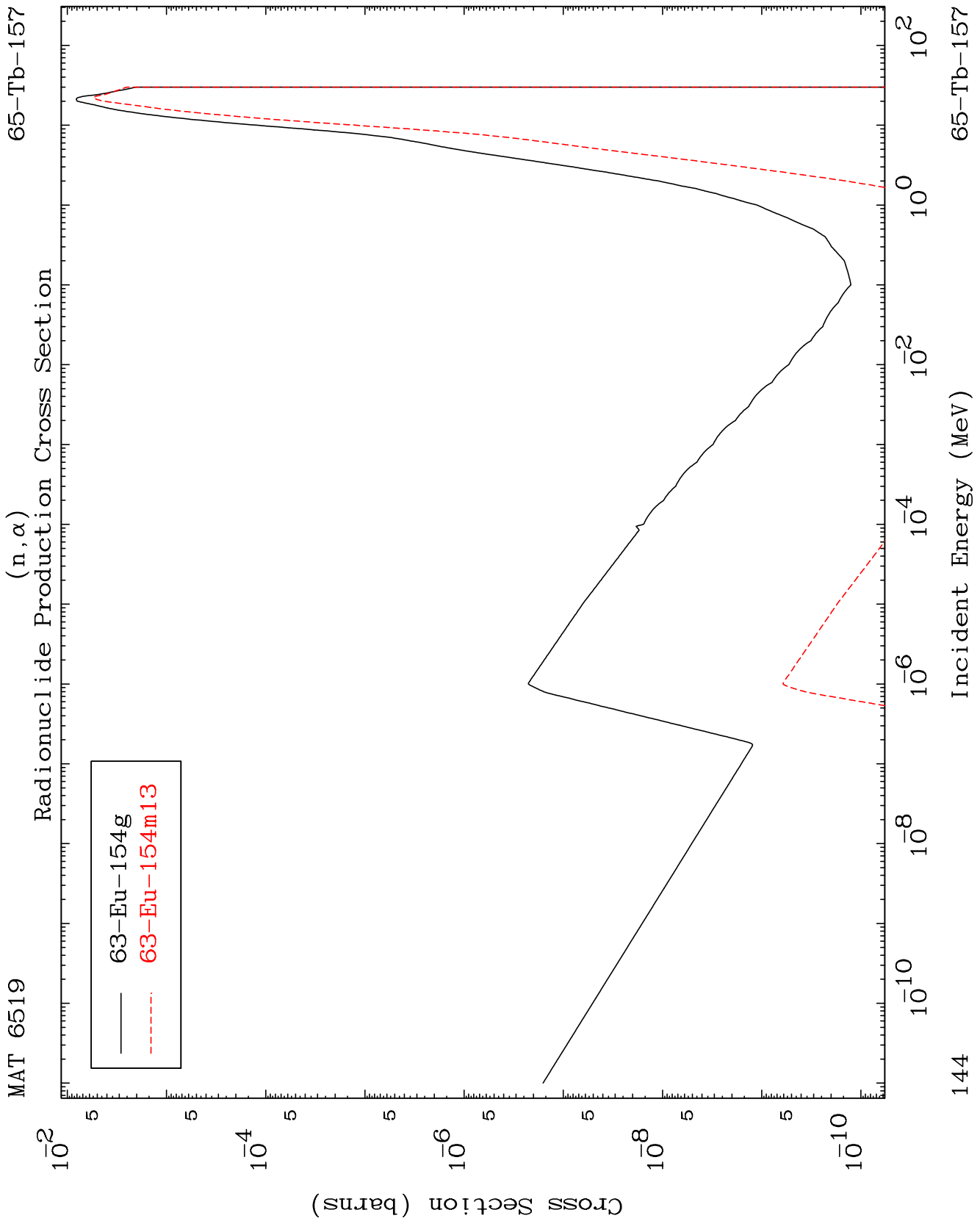
$(n, \gamma)$   
Radionuclide Production Cross Section



143

65-Tb-157

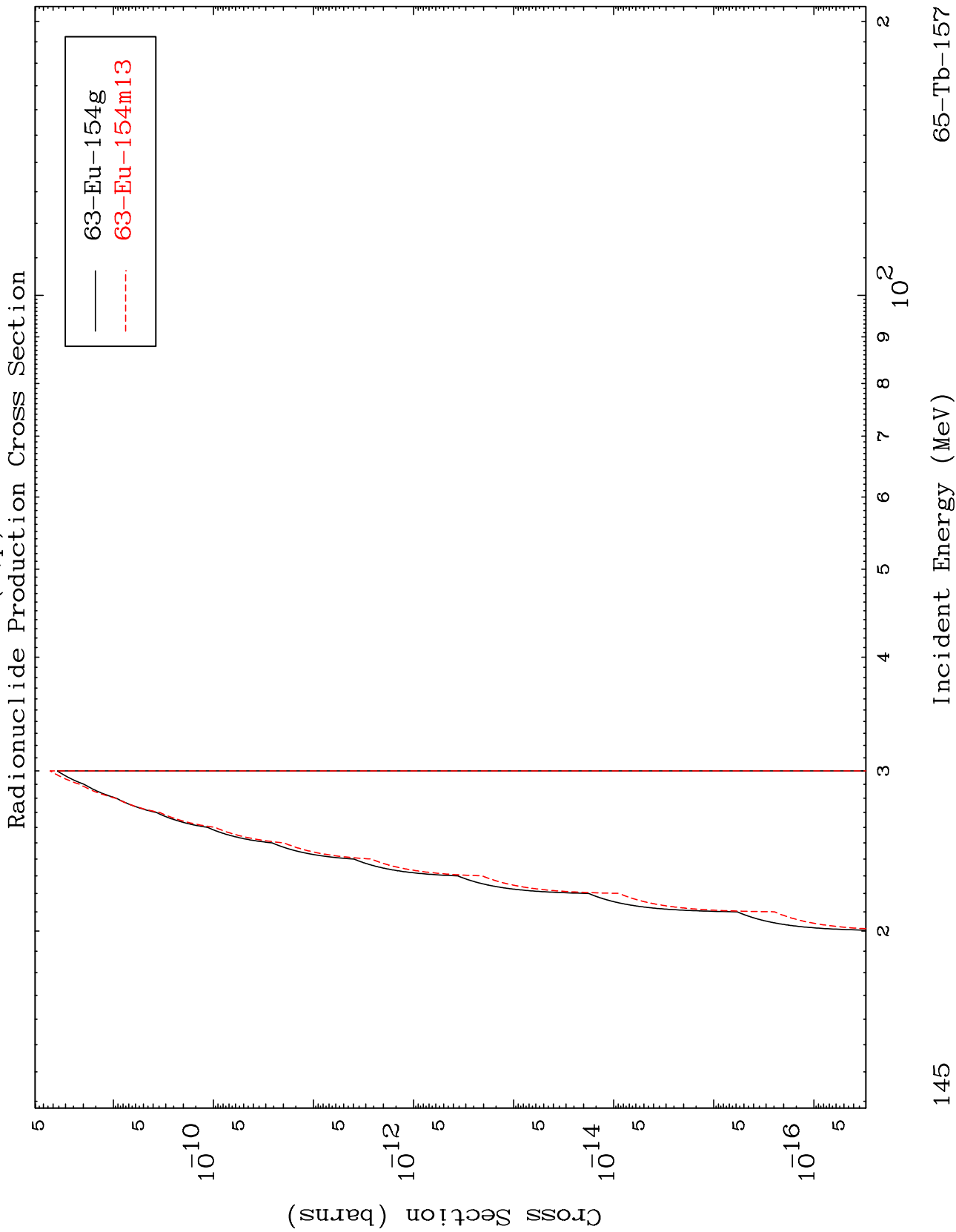




MAT 6519

(n,p) t

65-Tb-157



145

Incident Energy (MeV)

65-Tb-157