

Program EVALPLOT
(Version 2021-1)

by

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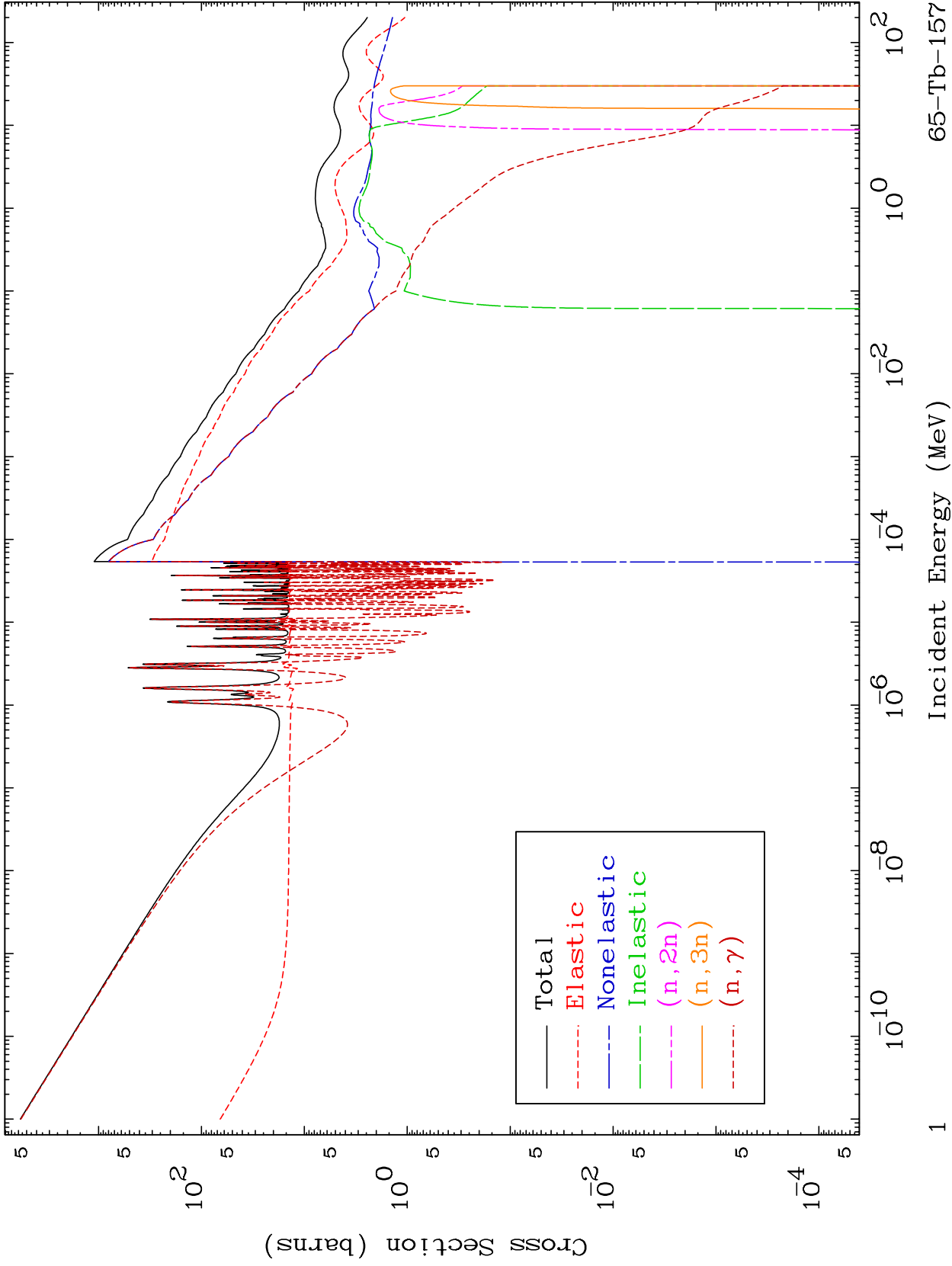
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6519

Neutron Major
293 Kelvin Cross Sections

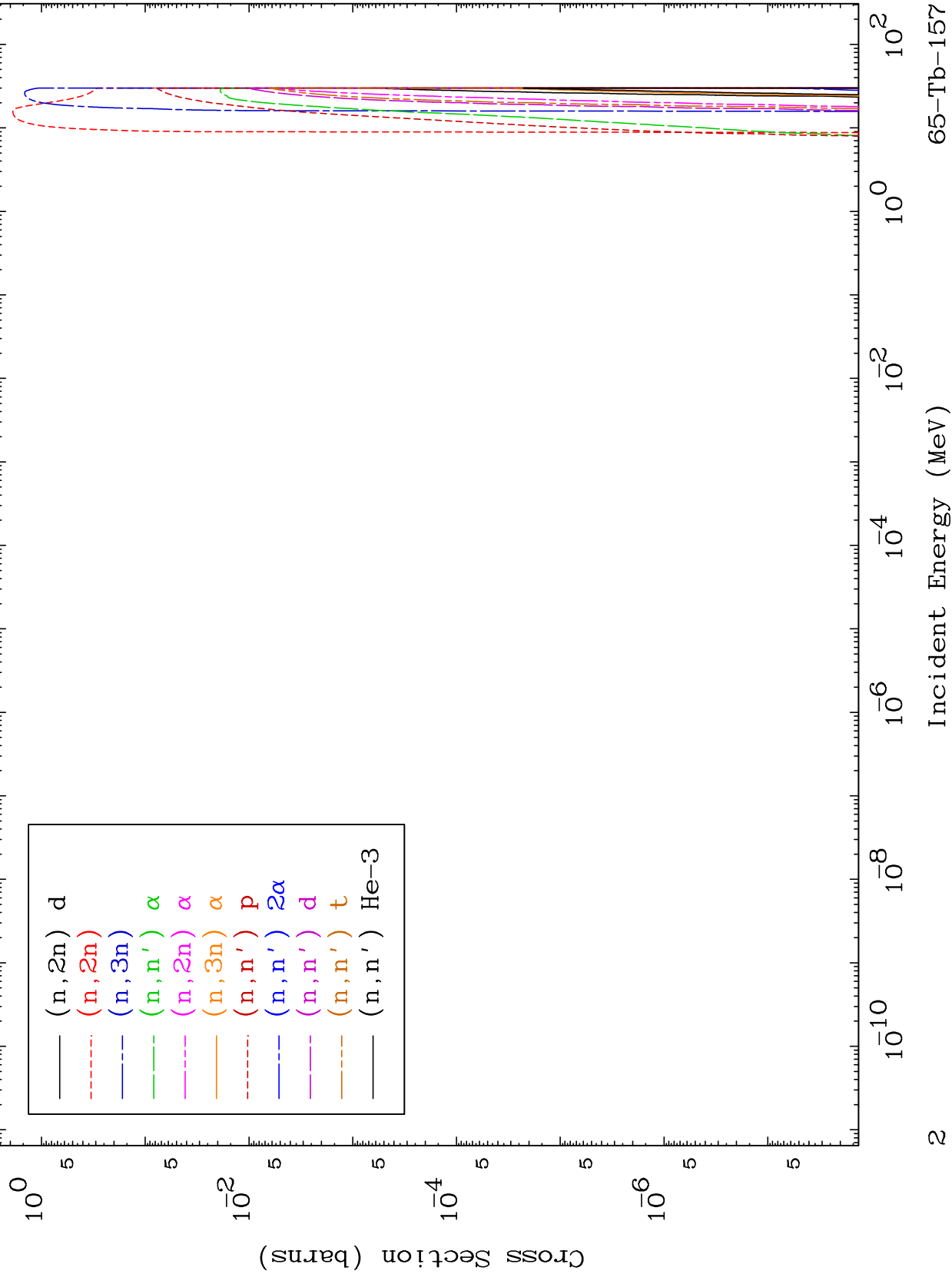
65-Tb-157



MAT 6519

Neutron Absorption
293 Kelvin Cross Sections

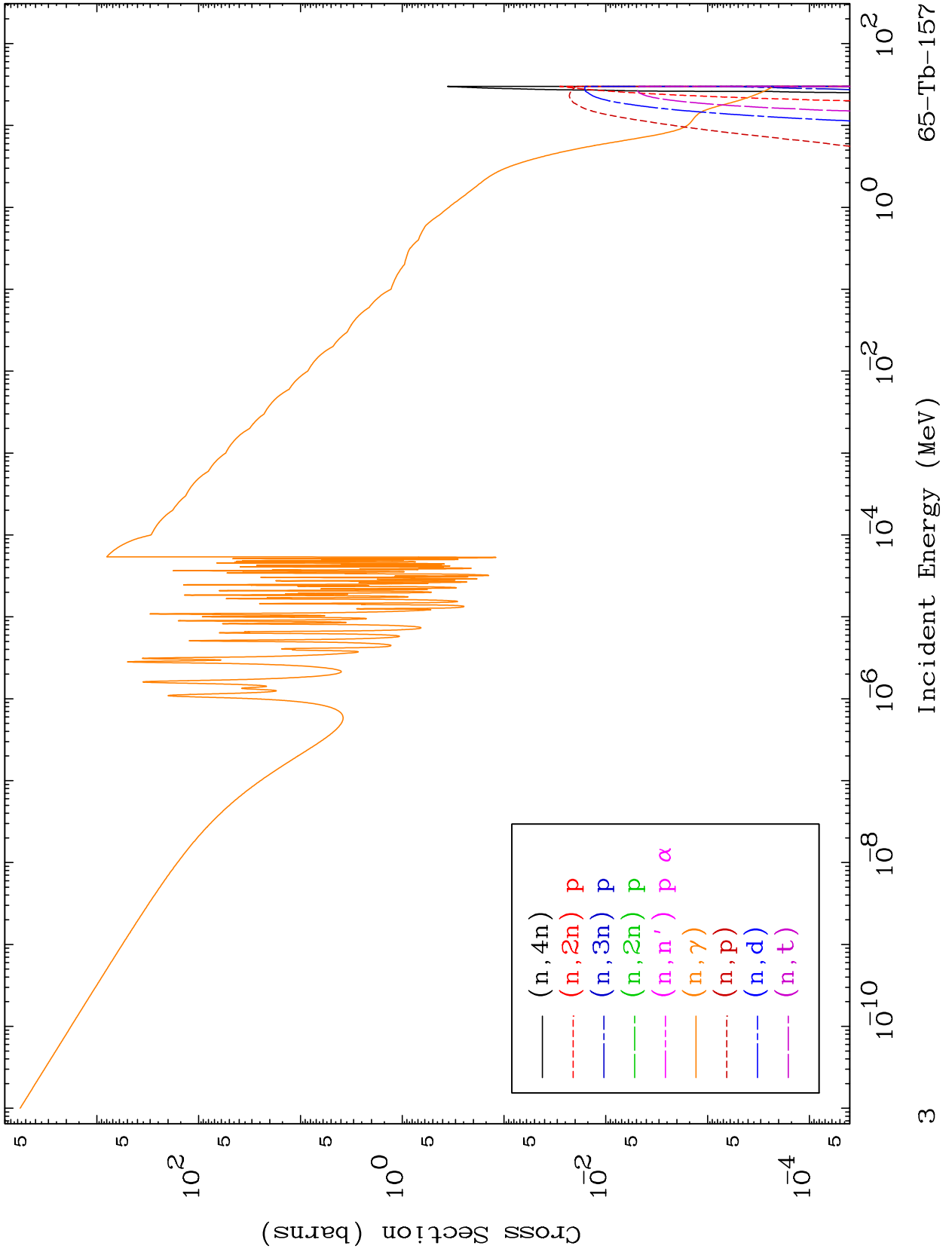
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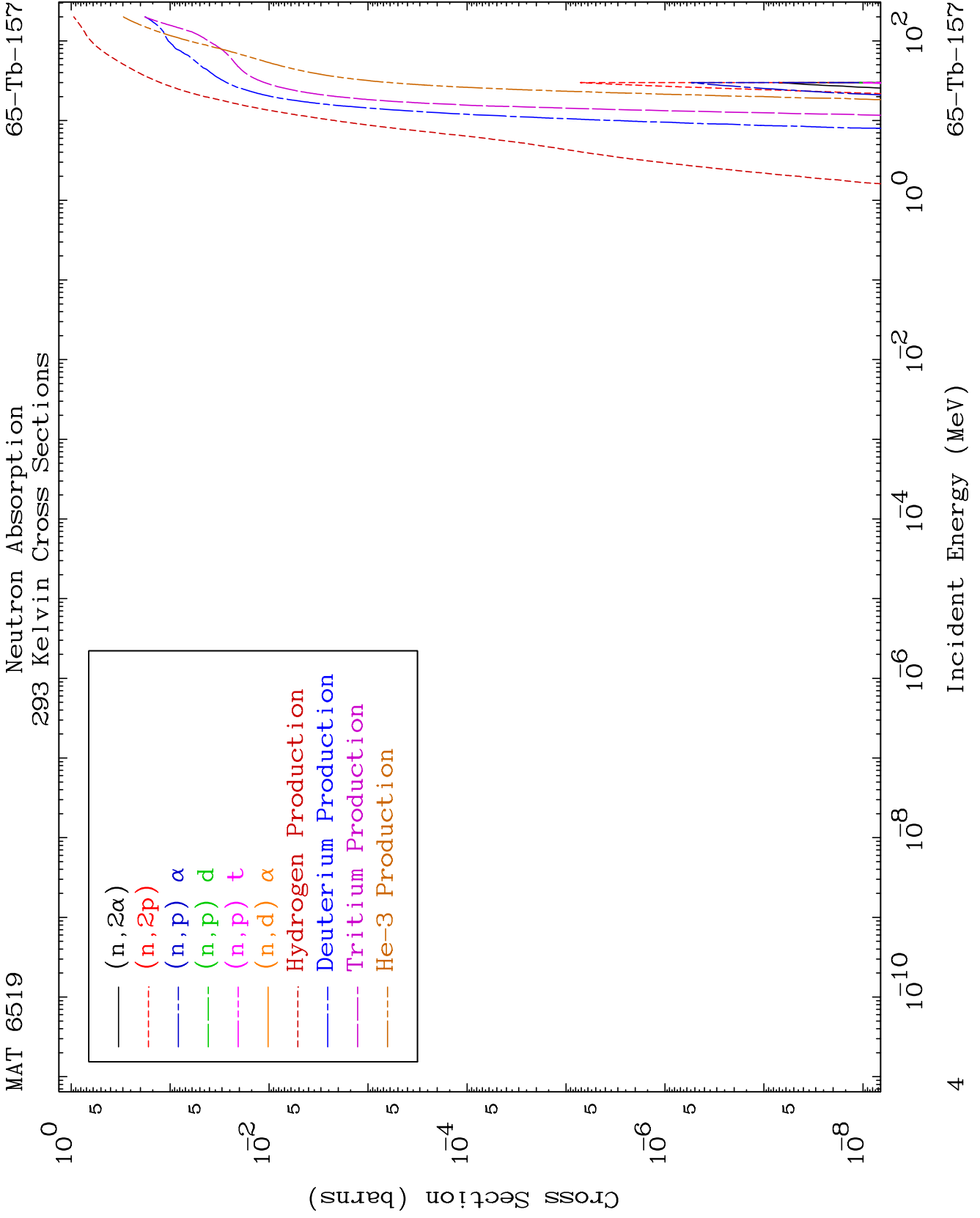


MAT 6519

Neutron Absorption
293 Kelvin Cross Sections

65-Tb-157

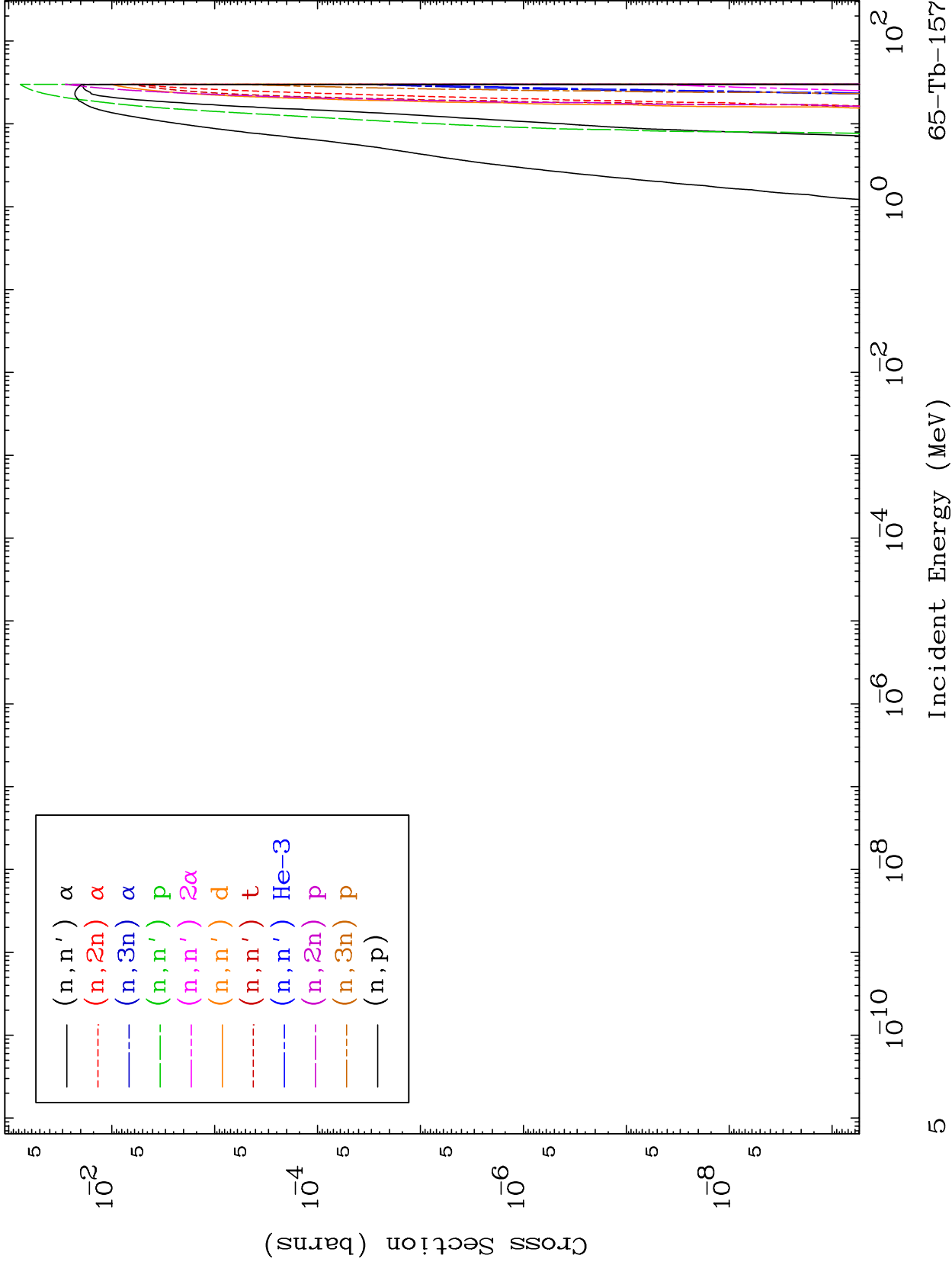




MAT 6519

Charged Particle
293 Kelvin Cross Sections

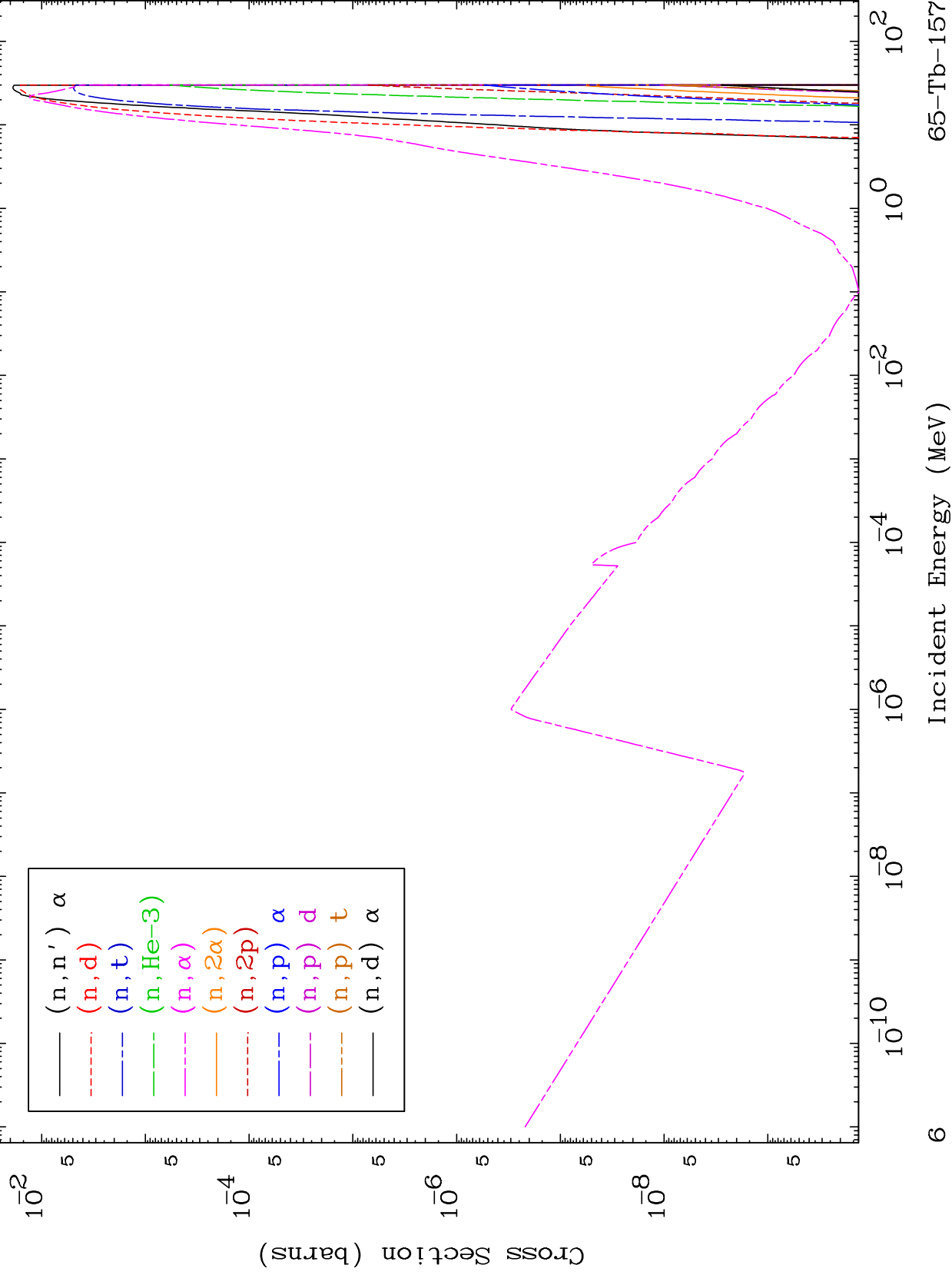
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MAT 6519

Charged Particle
293 Kelvin Cross Sections

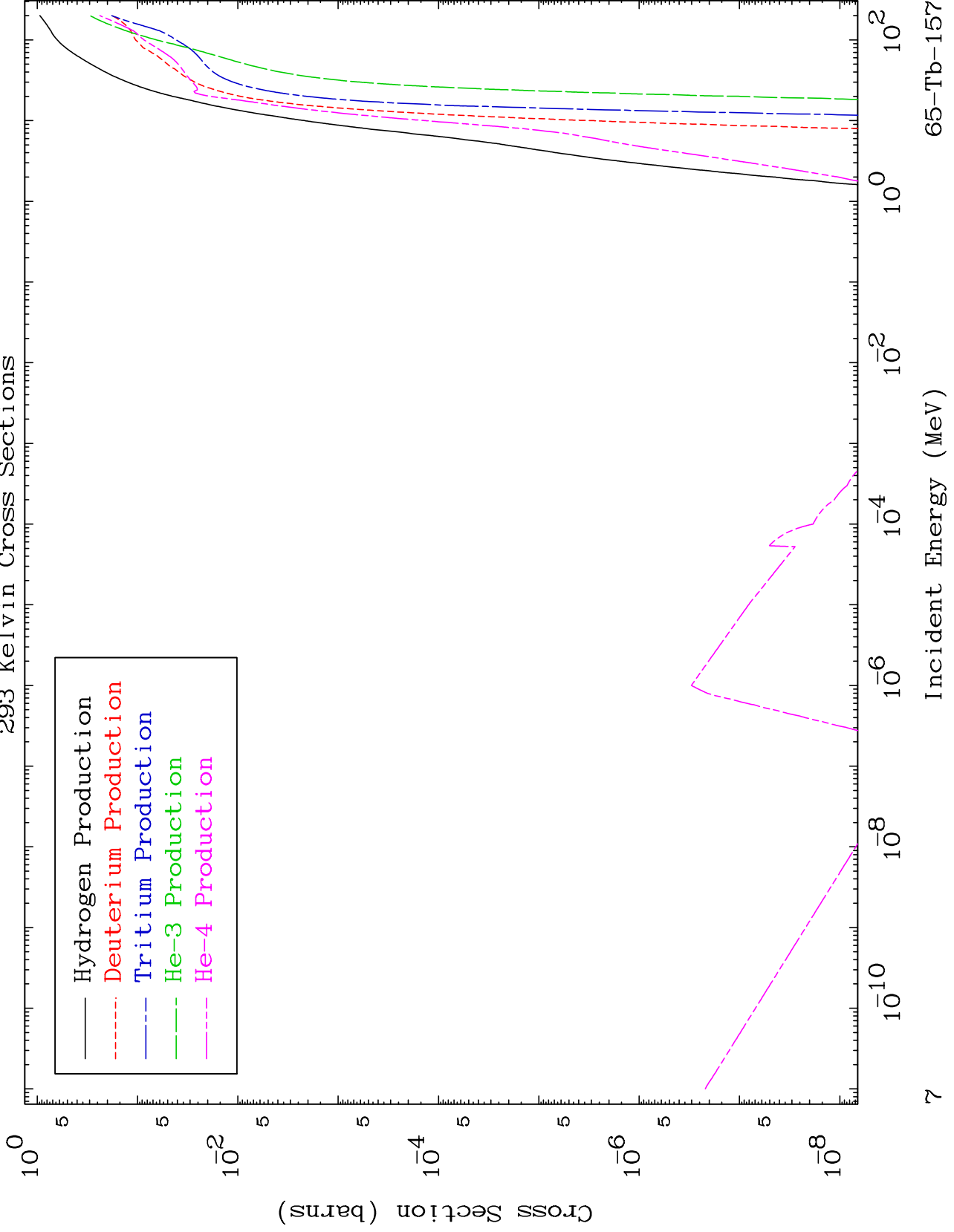
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MAT 6519

Particle Production
293 Kelvin Cross Sections

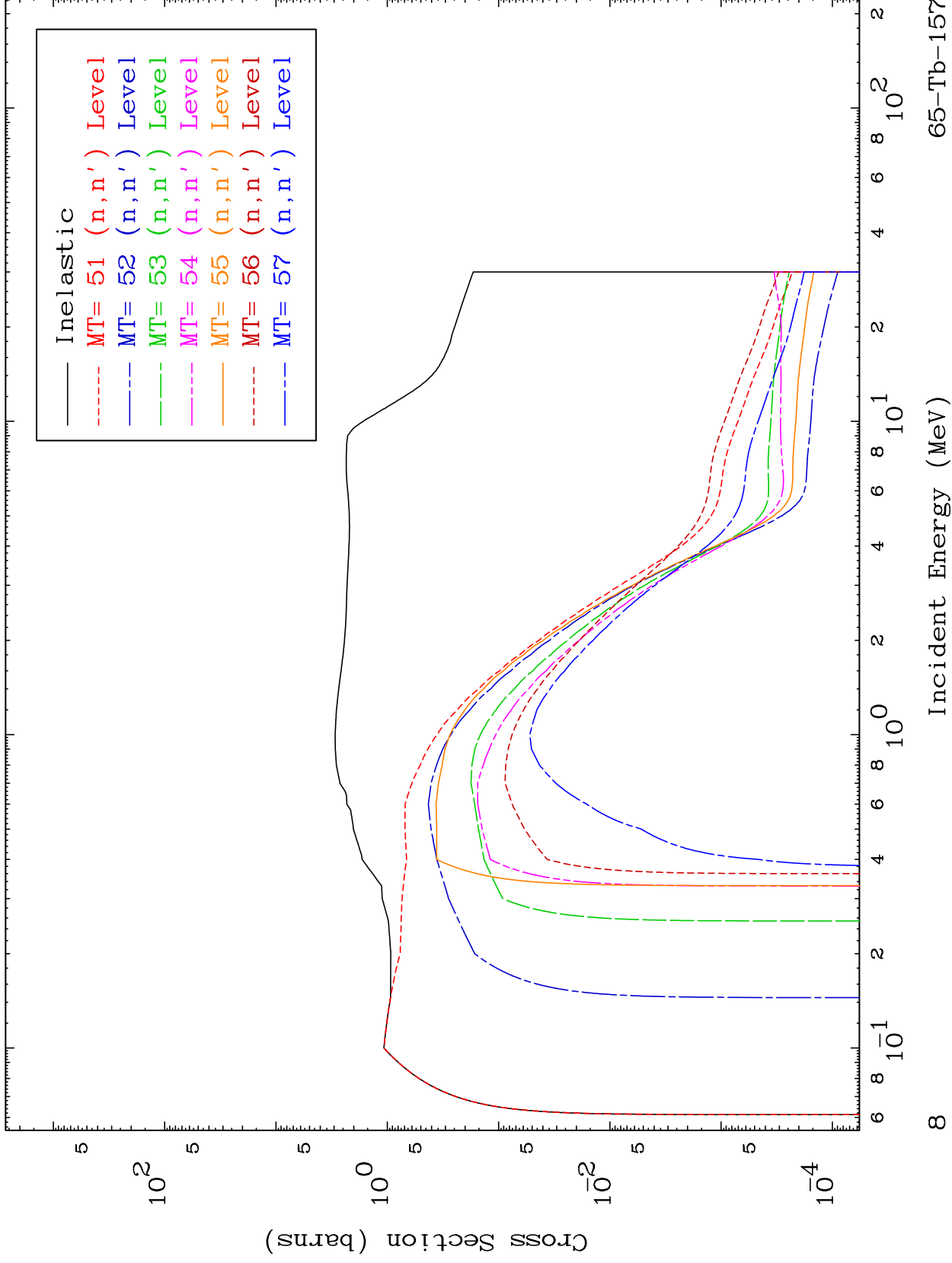
65-Tb-157



MAT 6519

(n,n') Levels
293 Kelvin Cross Sections

65-Tb-157



8

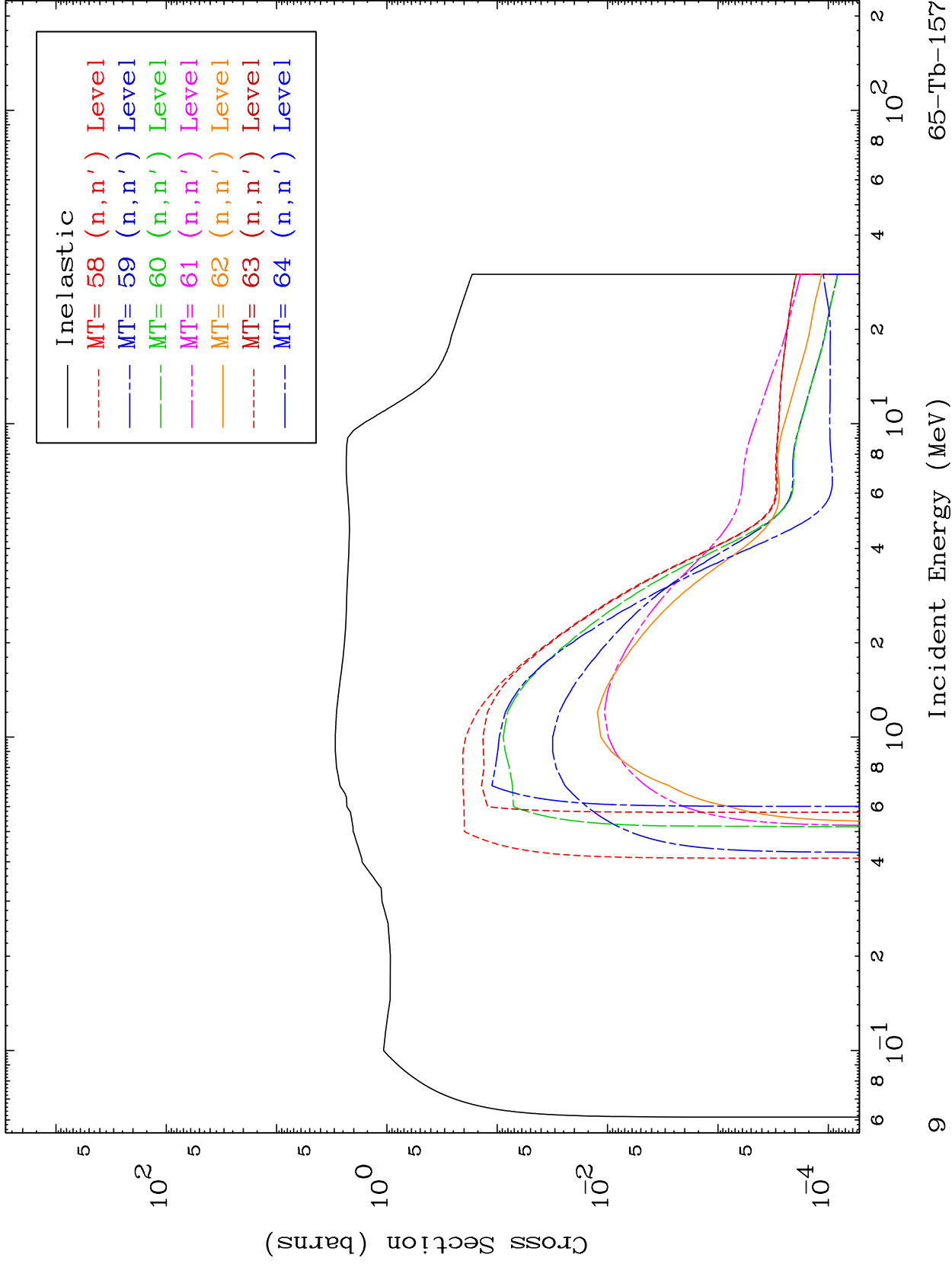
65-Tb-157

MAT 6519

(n,n') Levels

65-Tb-157

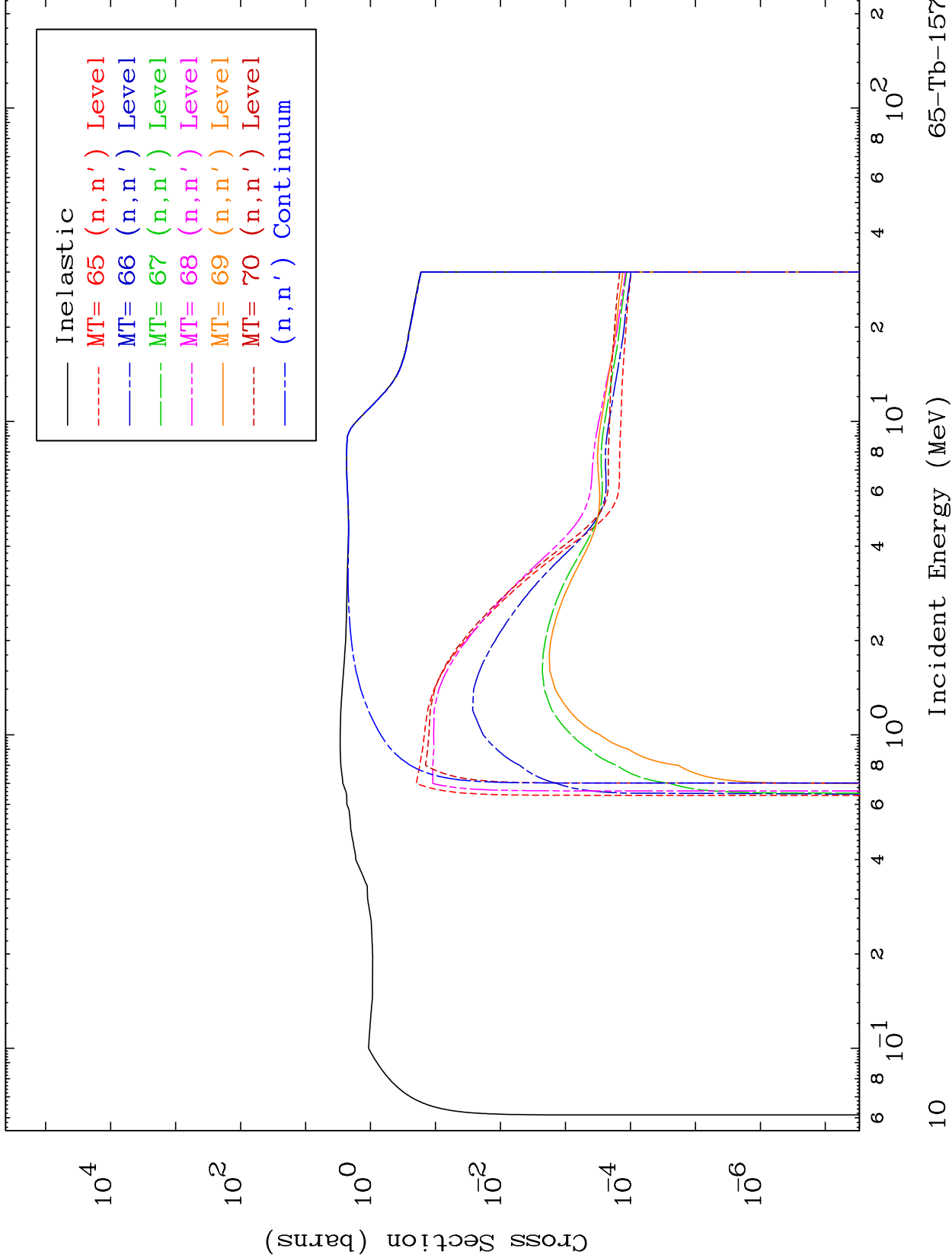
293 Kelvin Cross Sections



MAT 6519

(n,n') Levels
293 Kelvin Cross Sections

65-Tb-157



65-Tb-157

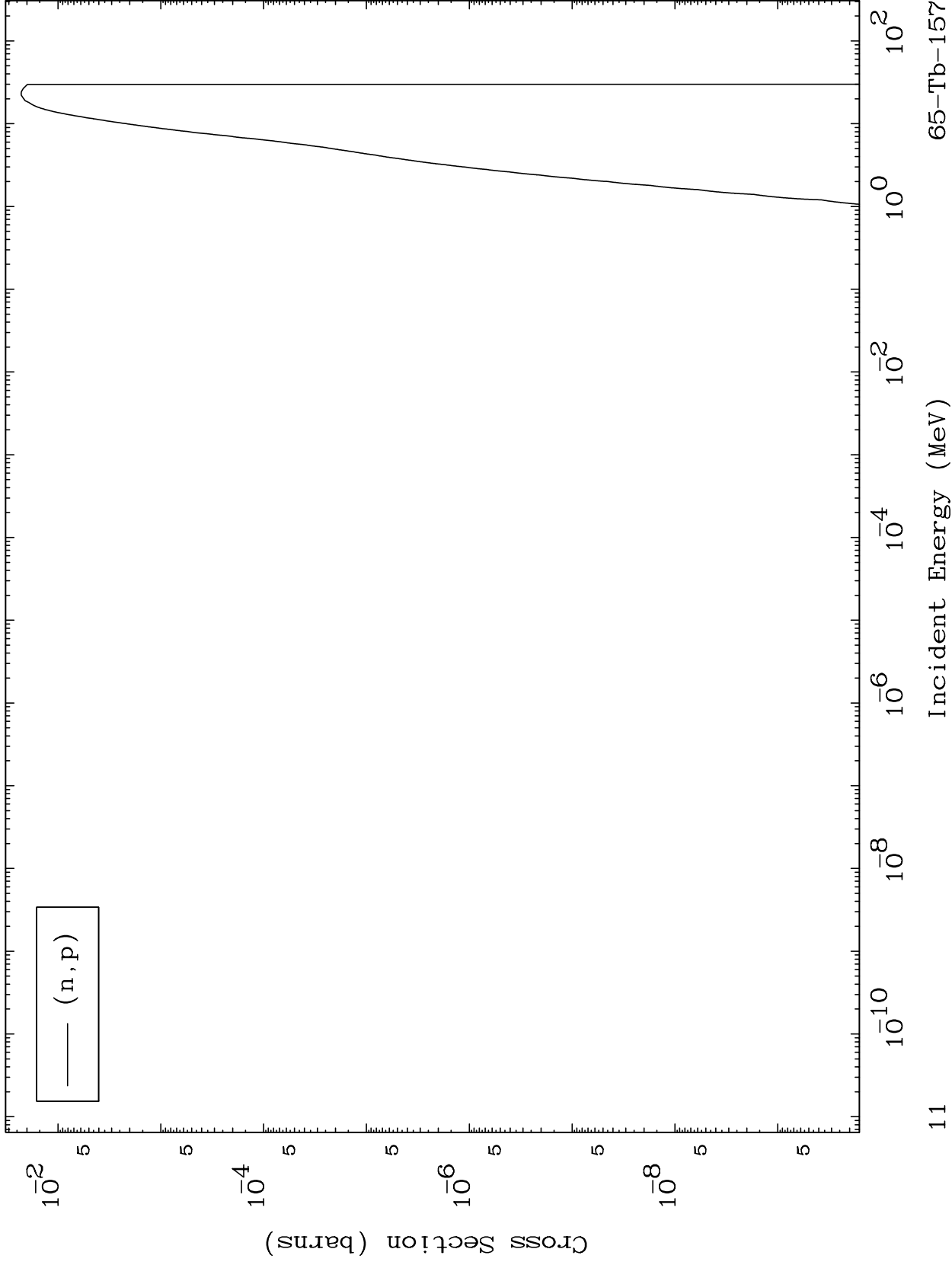
Incident Energy (MeV)

10

MAT 6519

(n,p) Levels
293 Kelvin Cross Sections

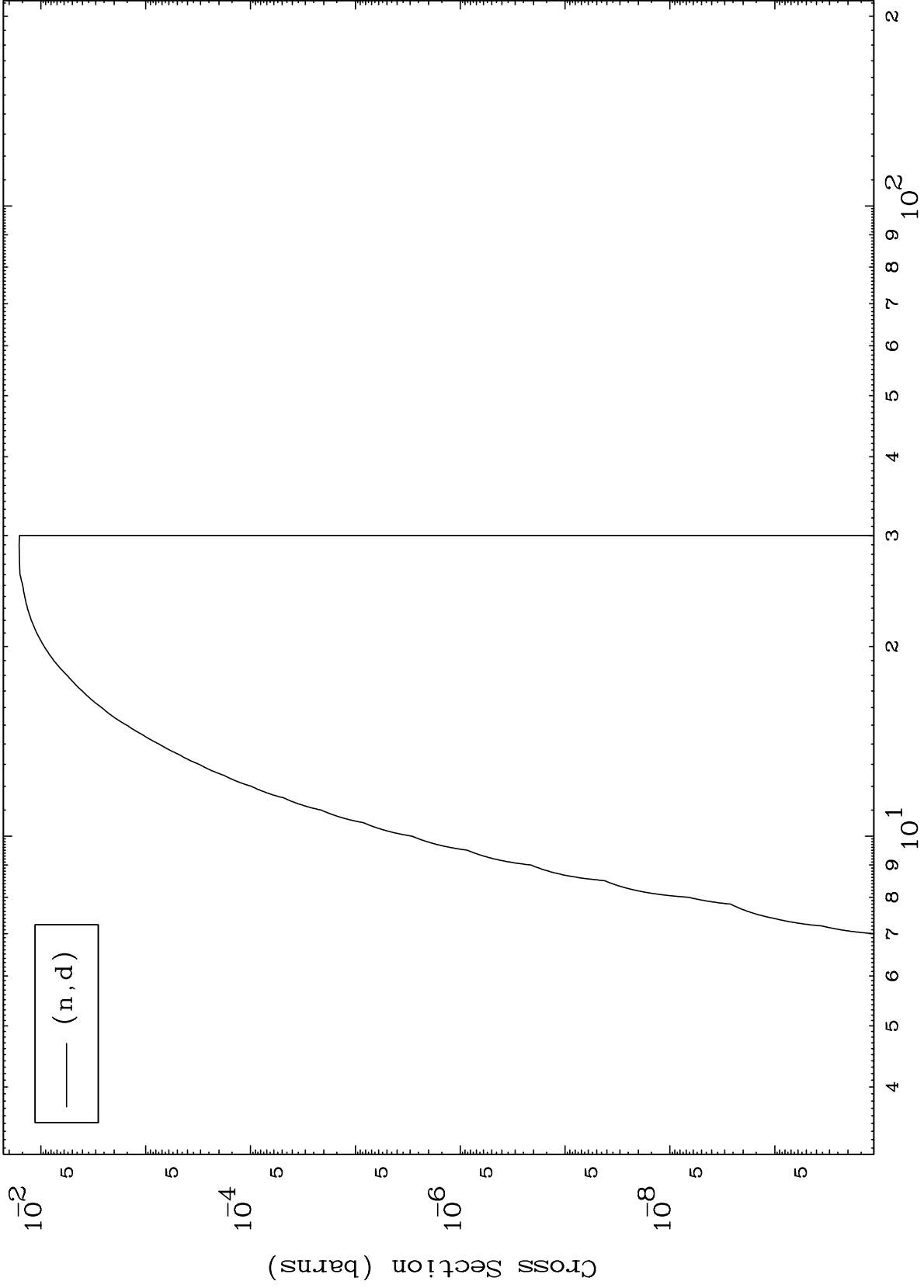
65-Tb-157



MAT 6519

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-157



(n,d)

12

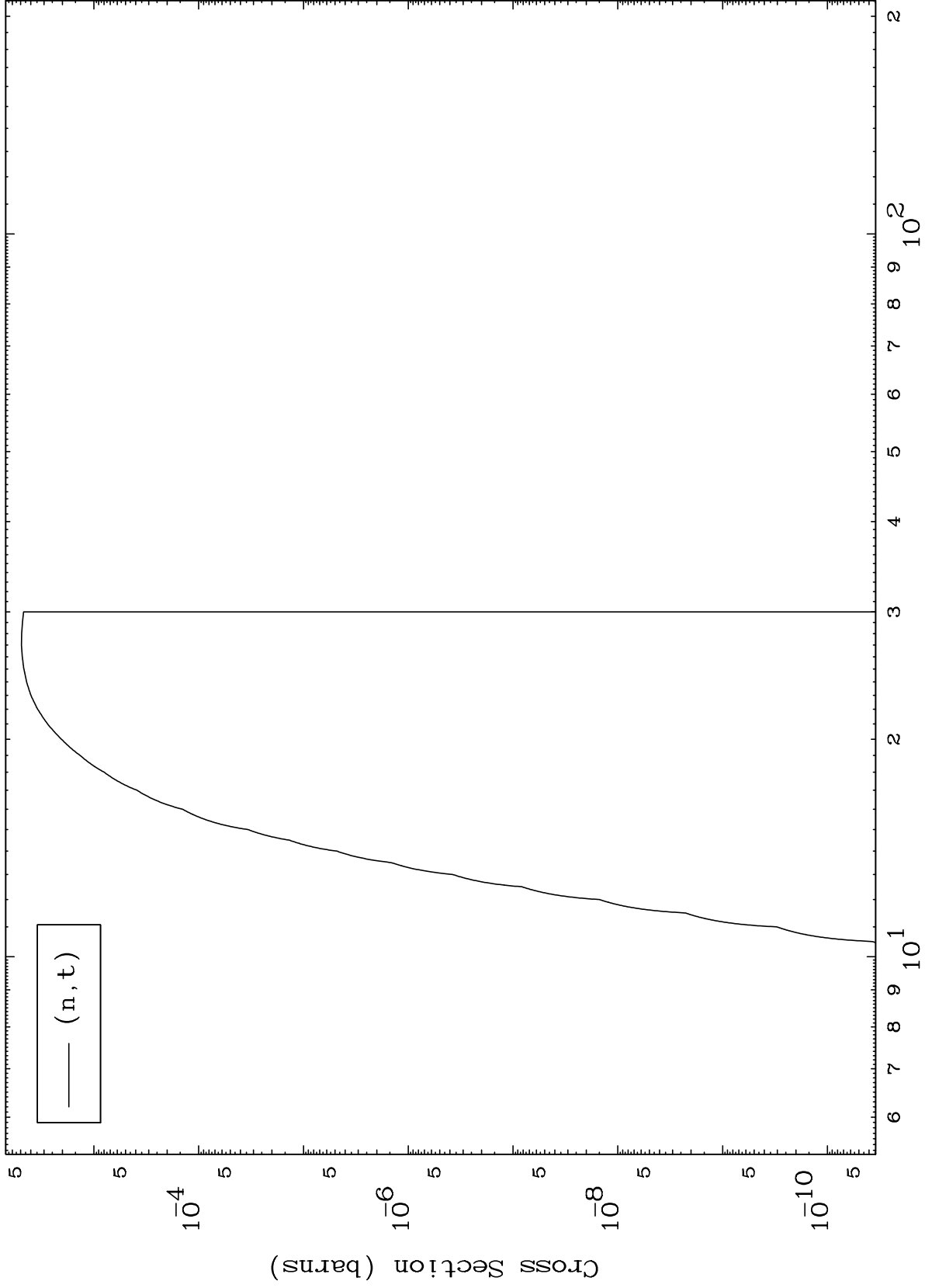
Incident Energy (MeV)

65-Tb-157

MAT 6519

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-157



13

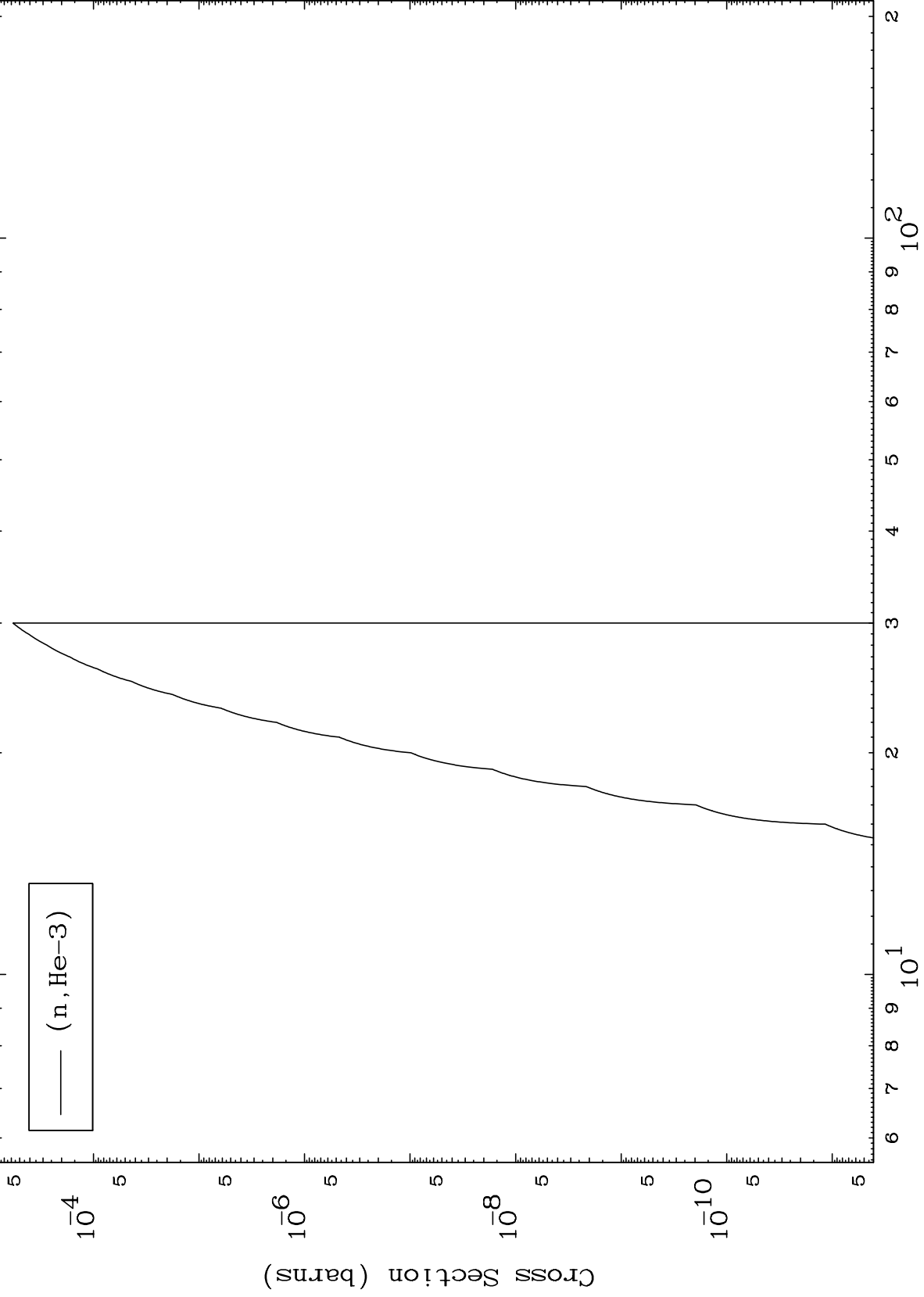
Incident Energy (MeV)

65-Tb-157

MAT 6519

(n,He3) Levels
293 Kelvin Cross Sections

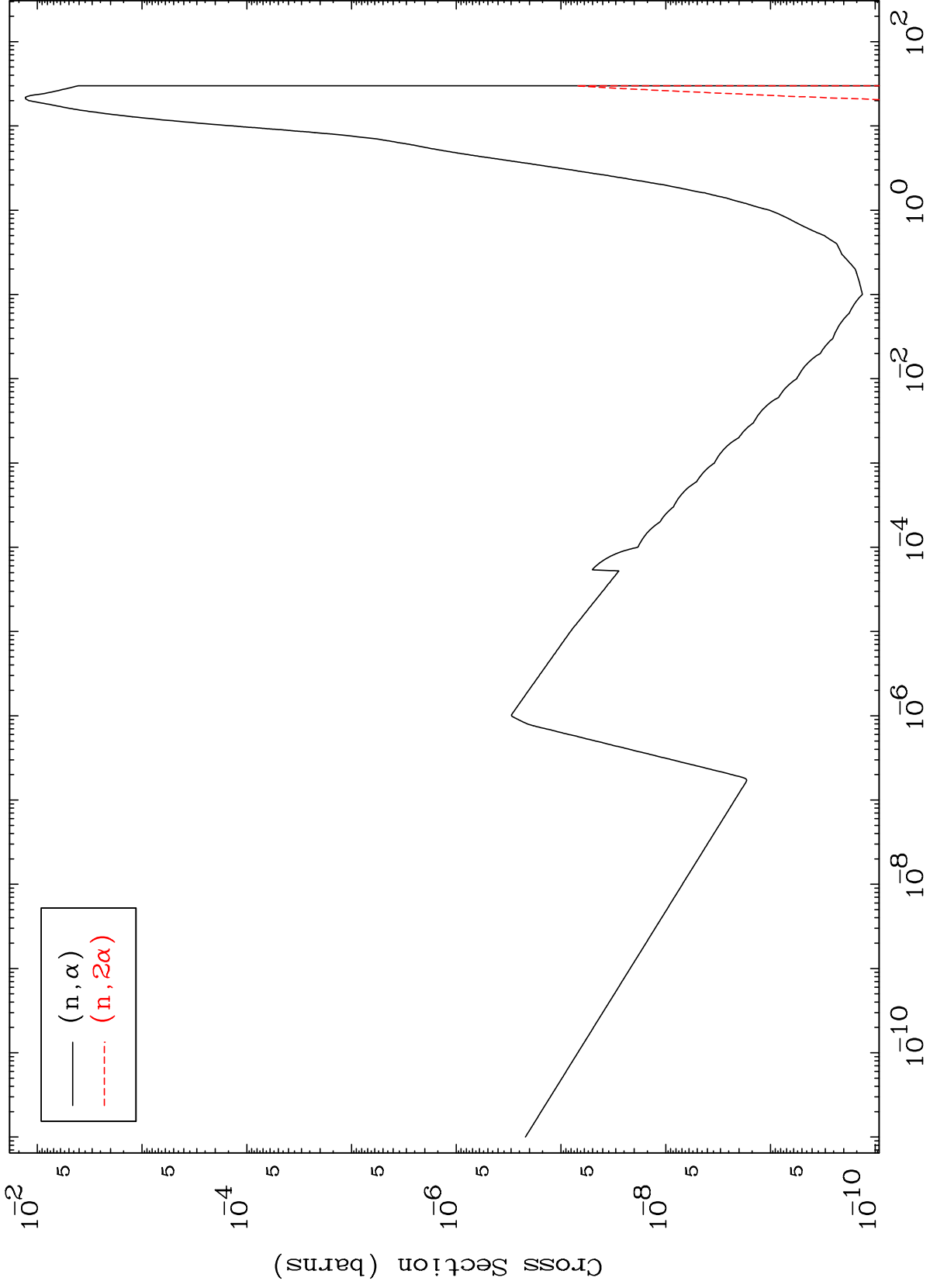
65-Tb-157



MAT 6519

(n, α) Levels
293 Kelvin Cross Sections

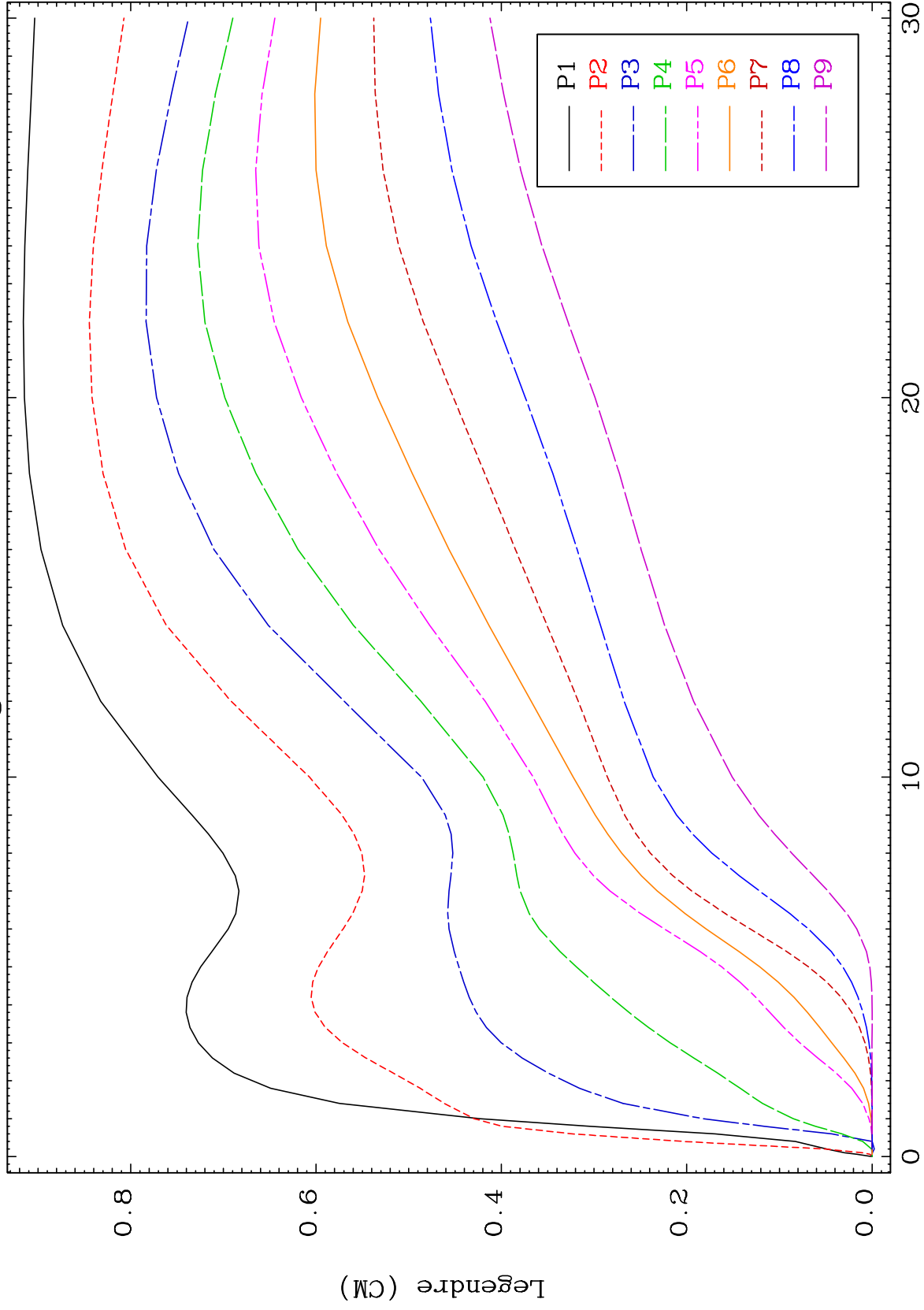
65-Tb-157



MAT 6519

Elastic Legendre Coefficients

65-Tb-157



16

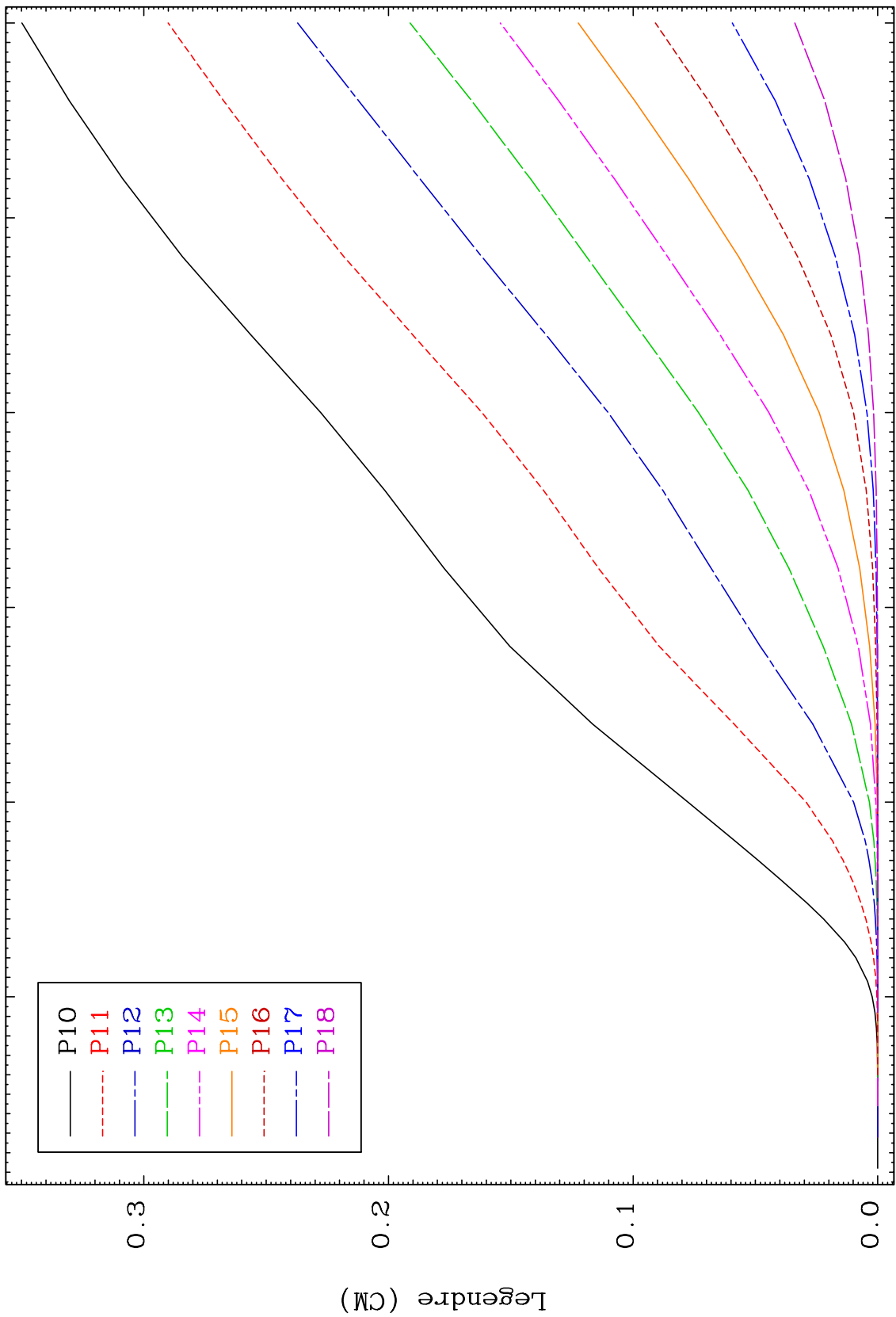
Incident Energy (MeV)

65-Tb-157

MAT 6519

Elastic Legendre Coefficients

65-Tb-157



17

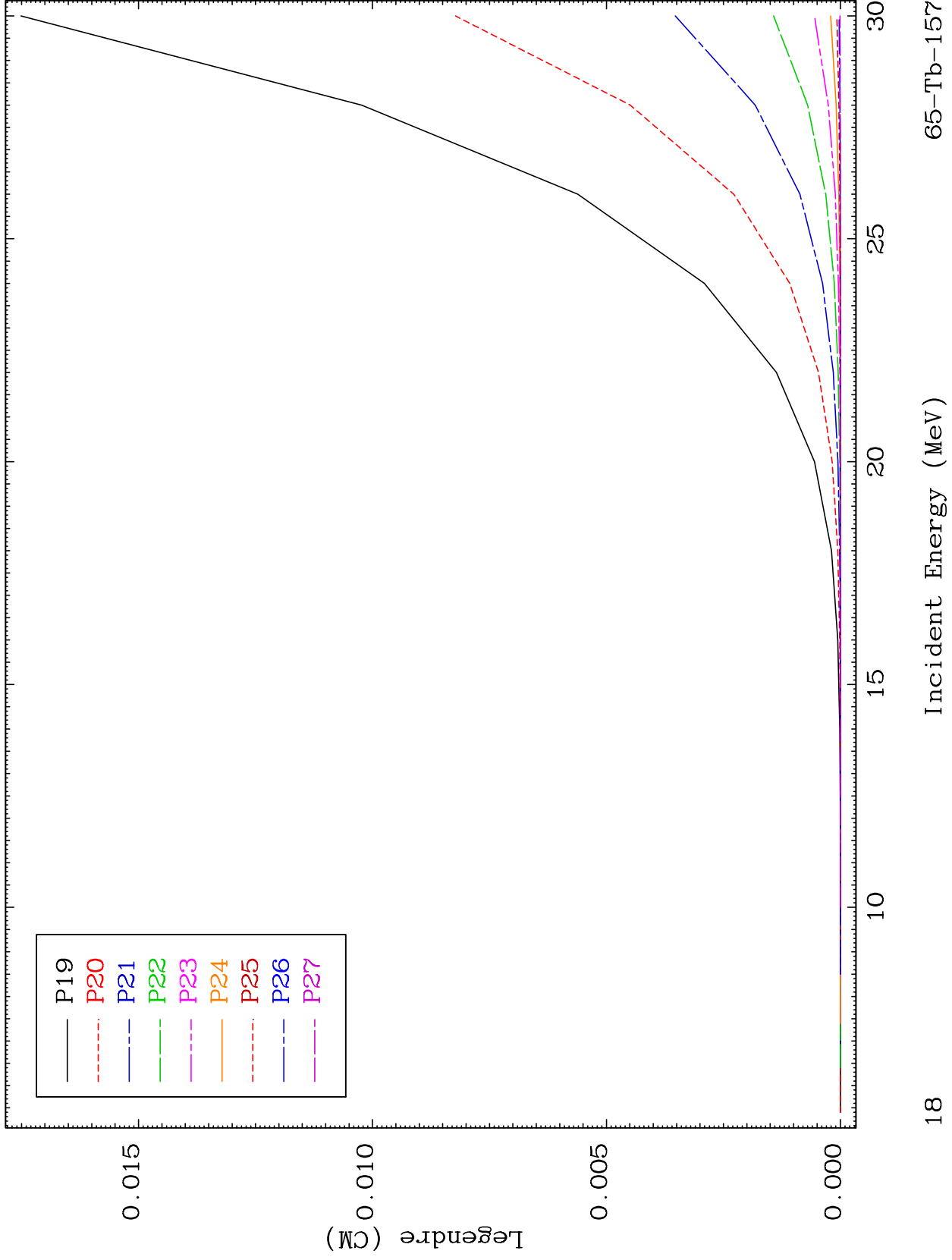
Incident Energy (MeV)

65-Tb-157

MAT 6519

Elastic Legendre Coefficients

65-Tb-157



18

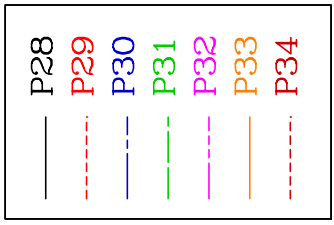
Incident Energy (MeV)

65-Tb-157

MAT 6519

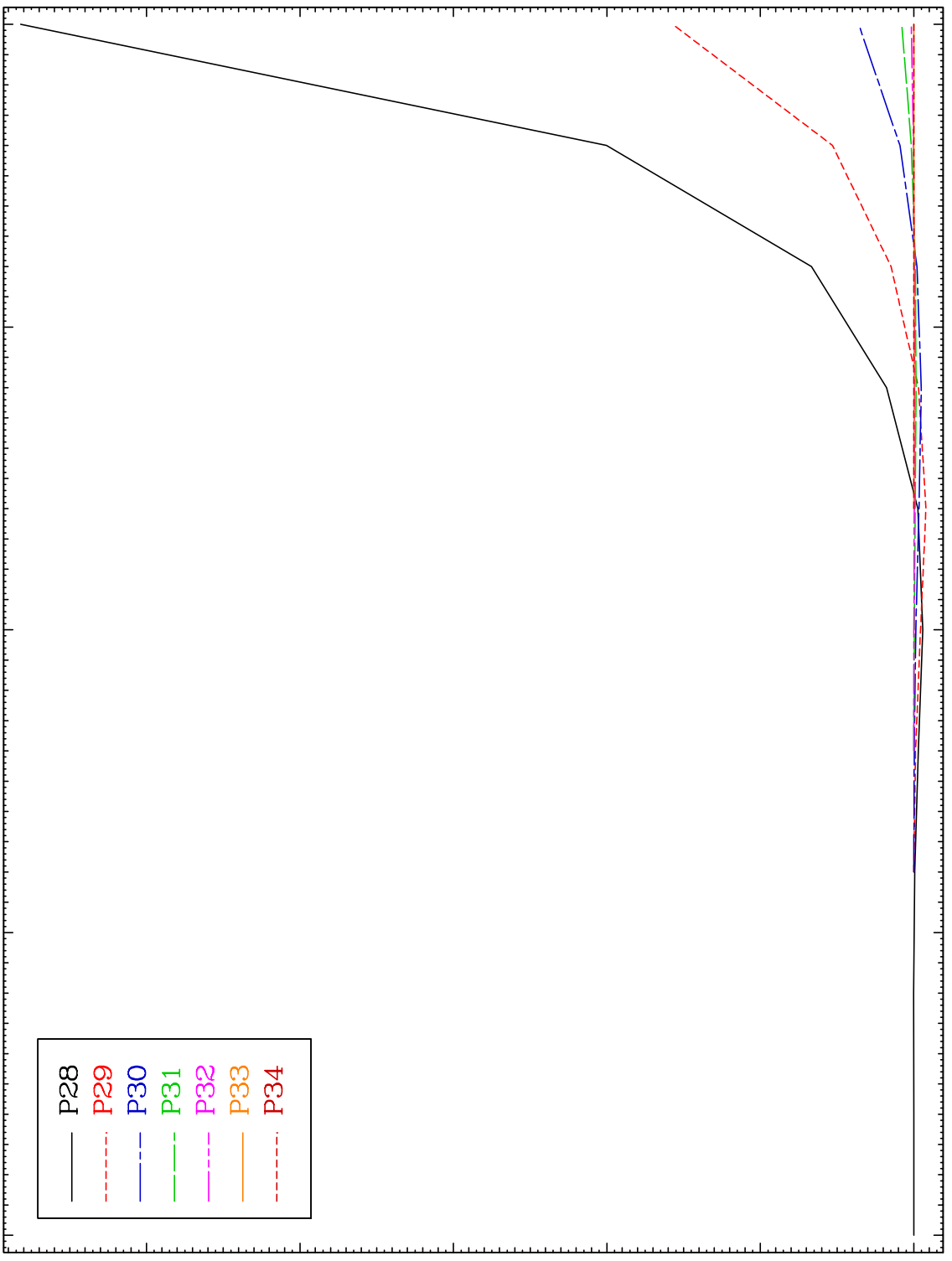
Elastic Legendre Coefficients

65-Tb-157



$\times 10^{-6}$

Legendre (CM)



30

25

20

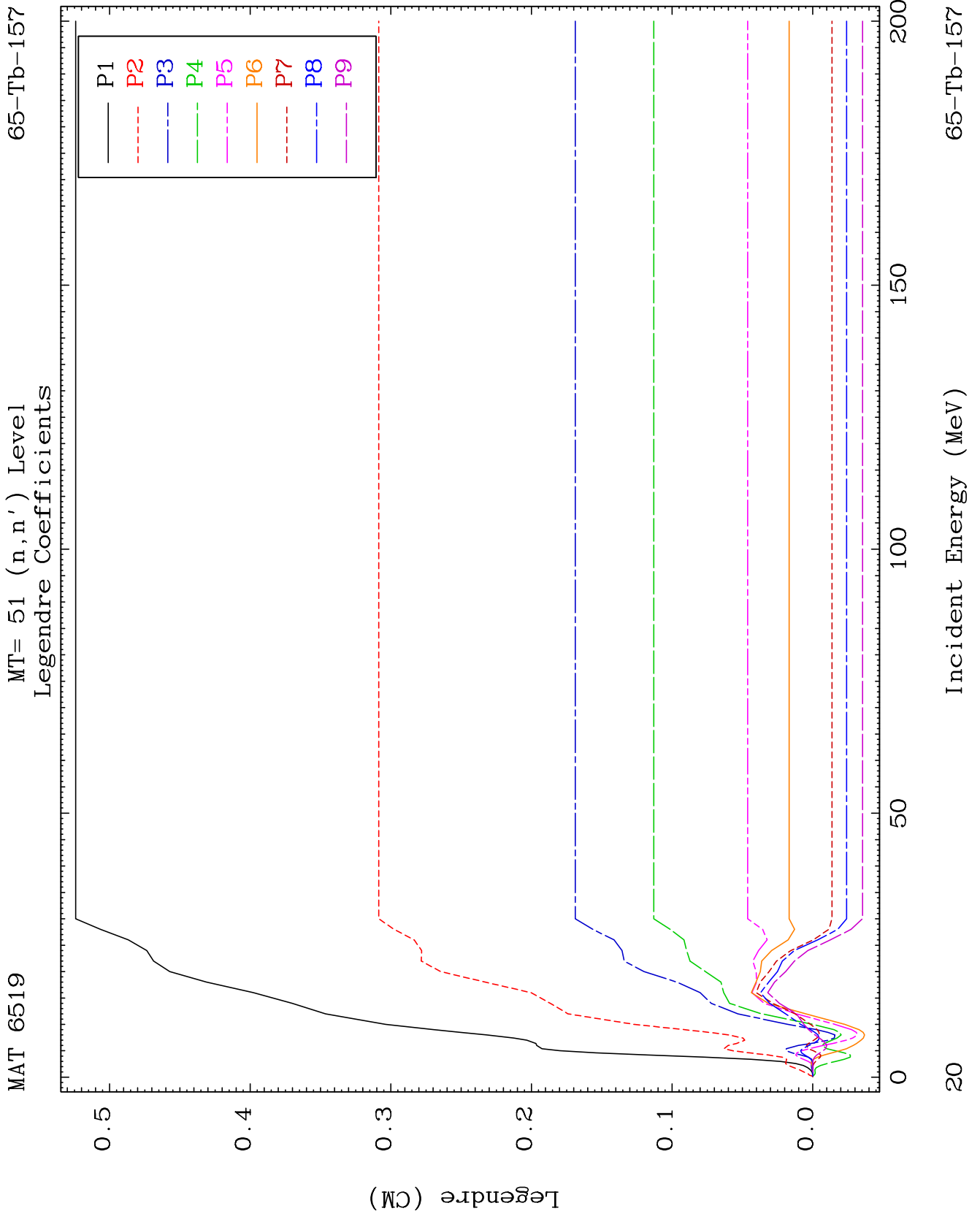
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Incident Energy (MeV)

65-Tb-157

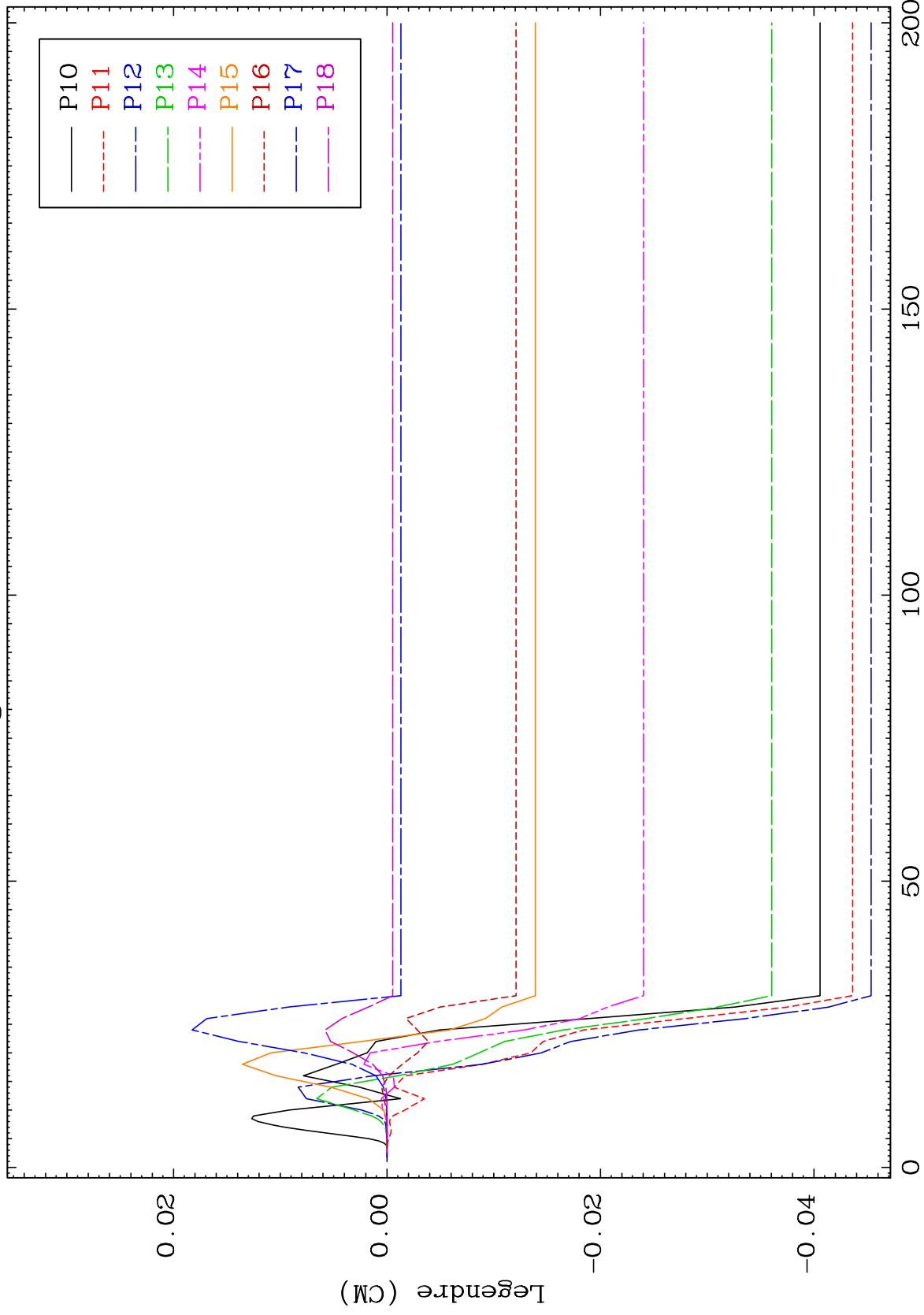
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MAT 6519

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

65-Tb-157



21

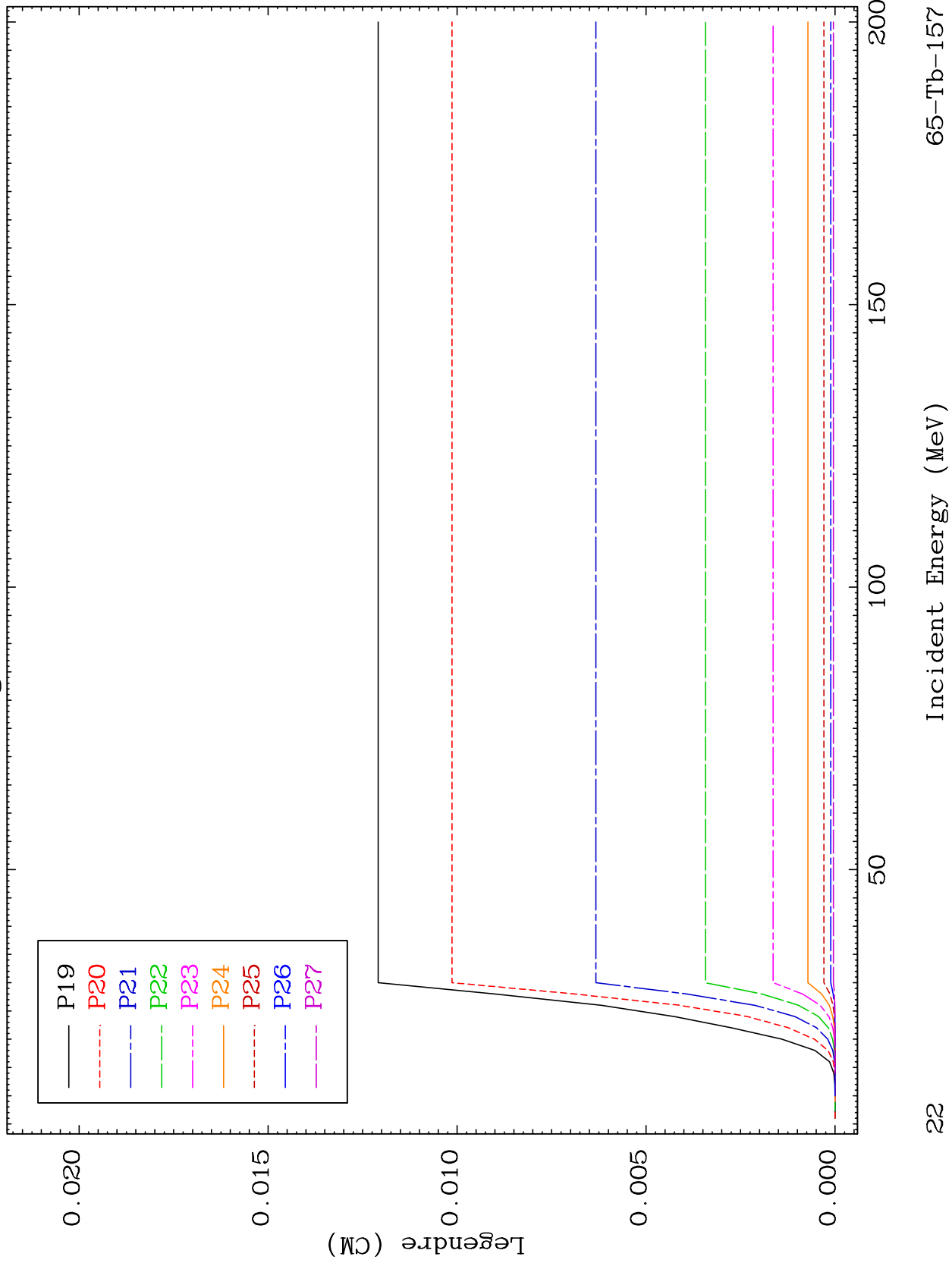
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157

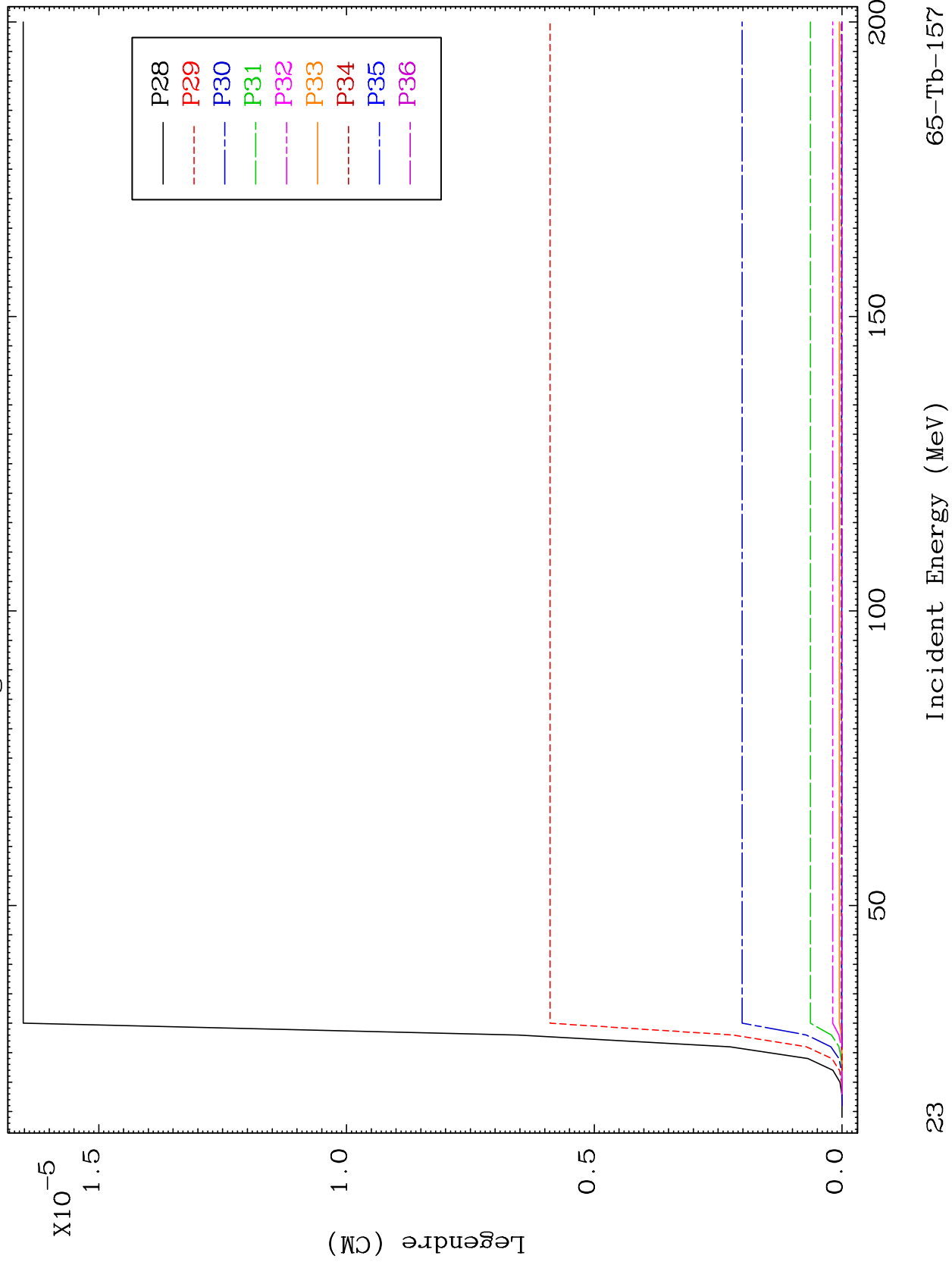


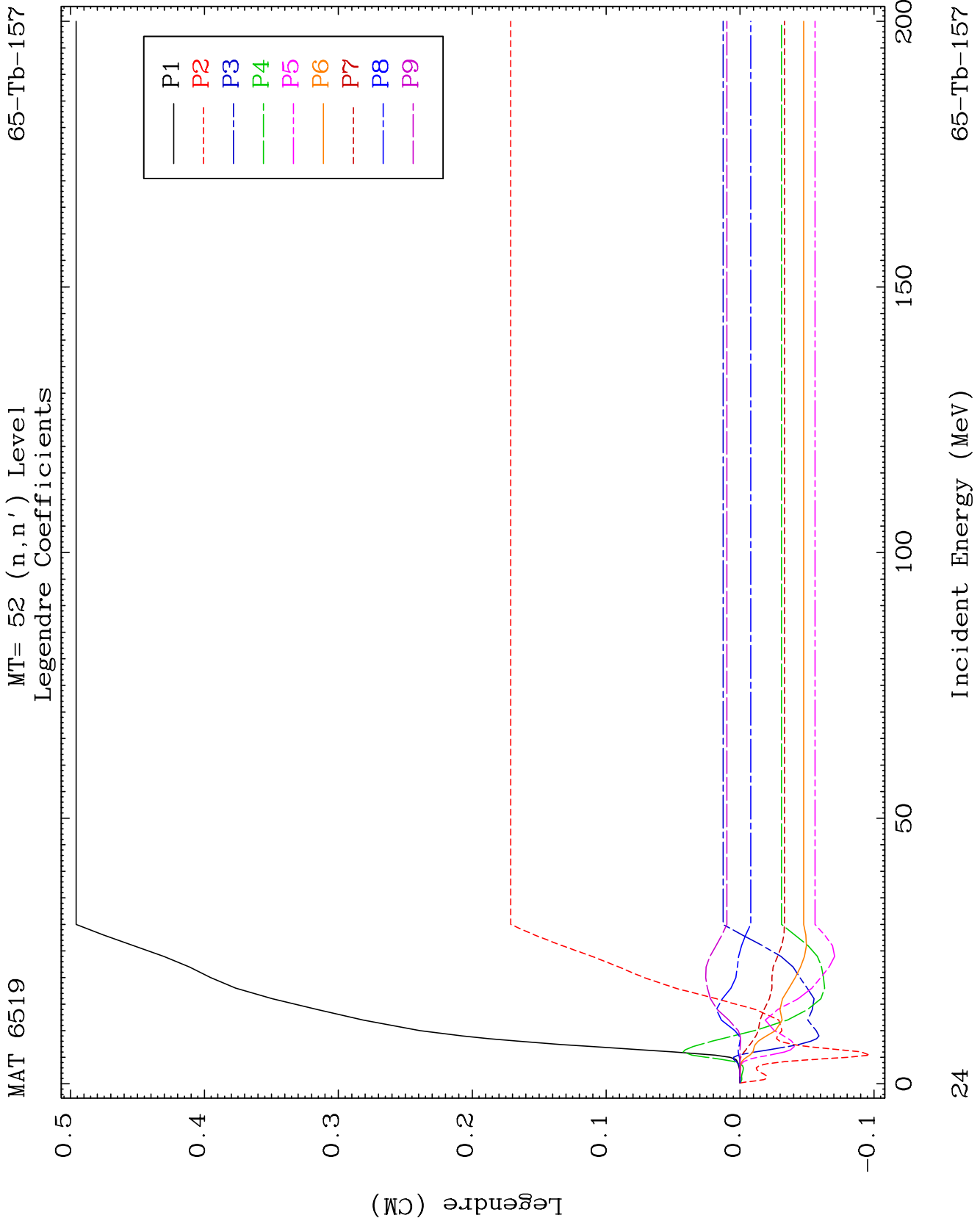
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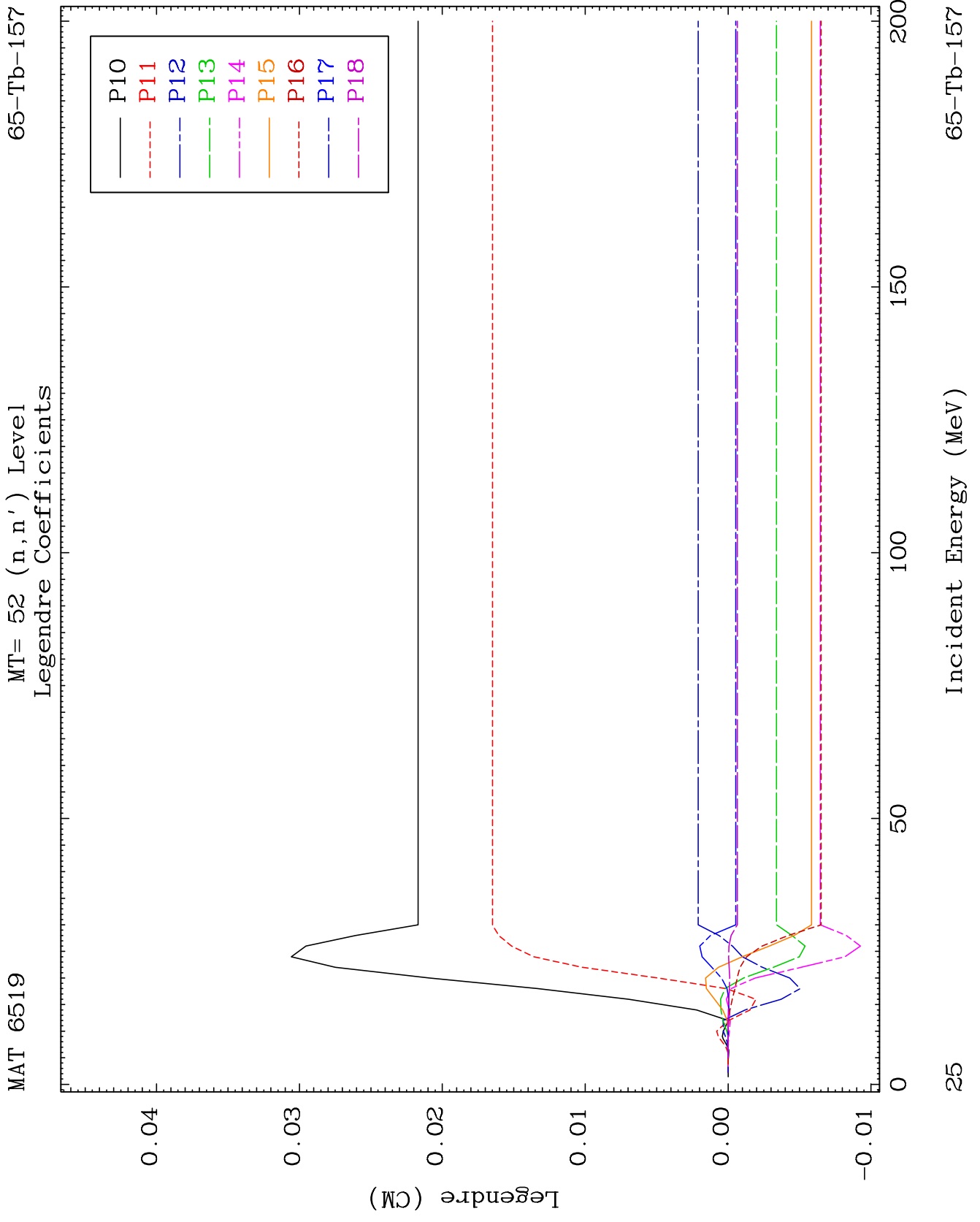
MAT 6519

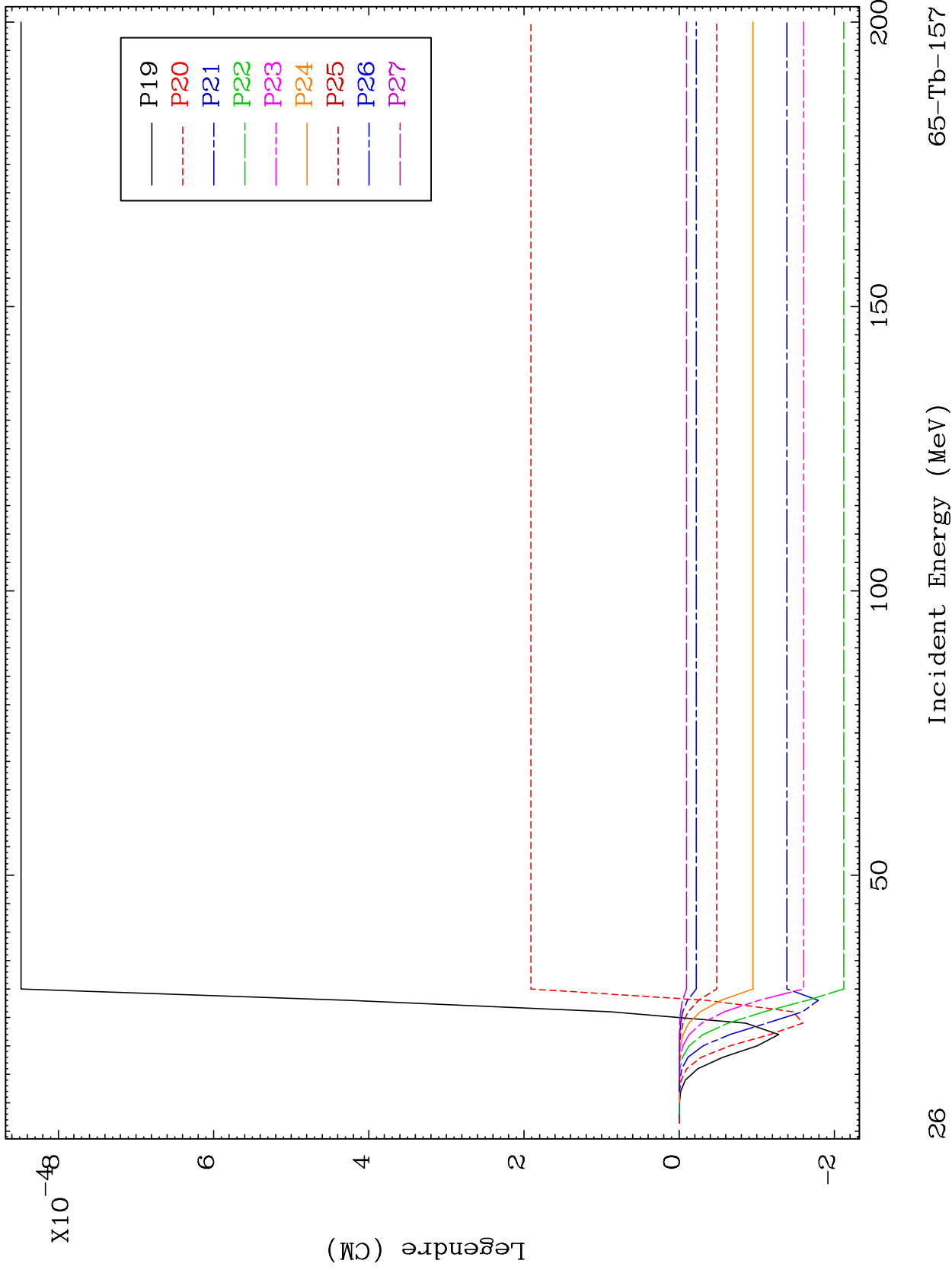
MT= 51 (n,n') Level
Legendre Coefficients

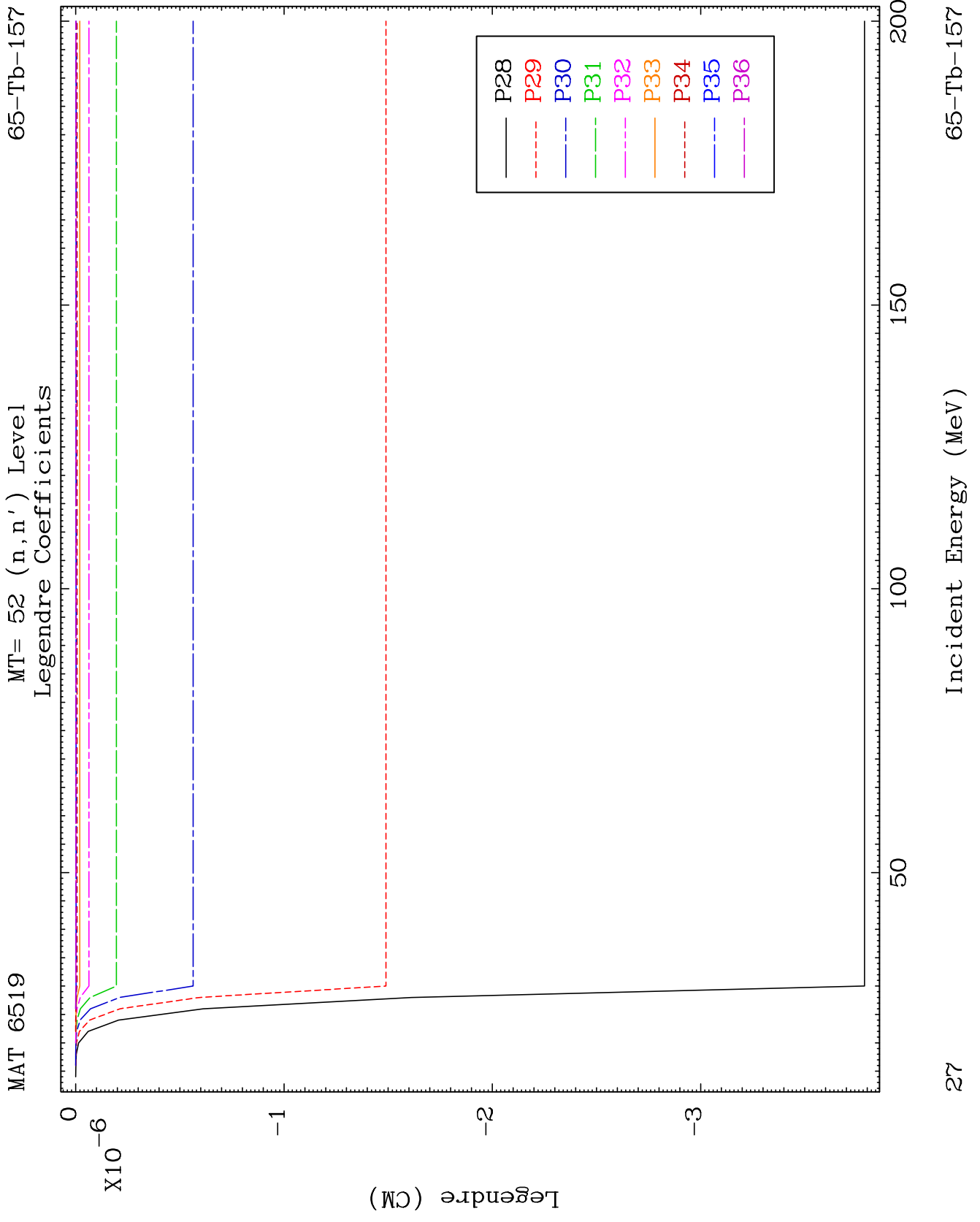
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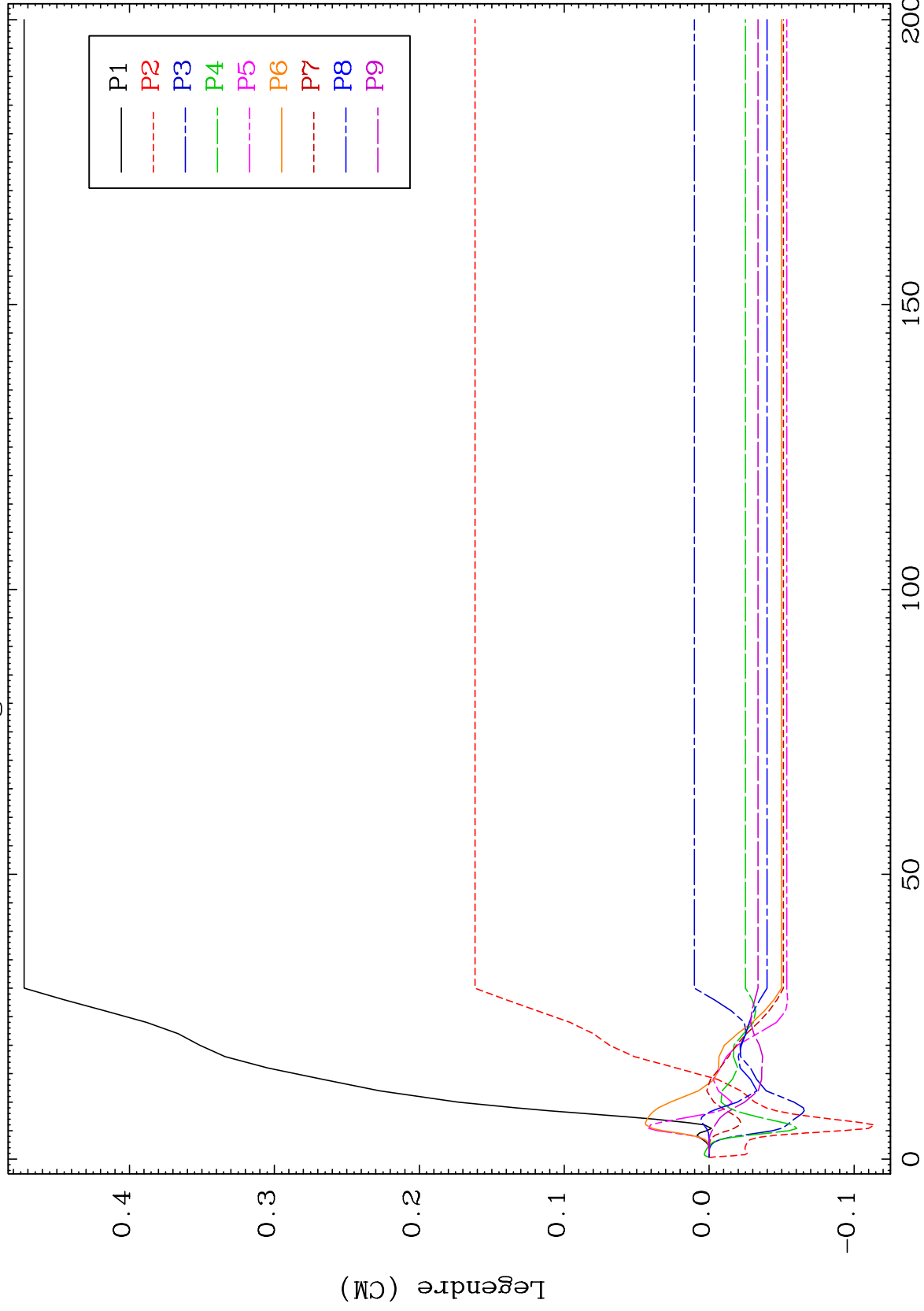




MAT 6519

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

65-Tb-157



28

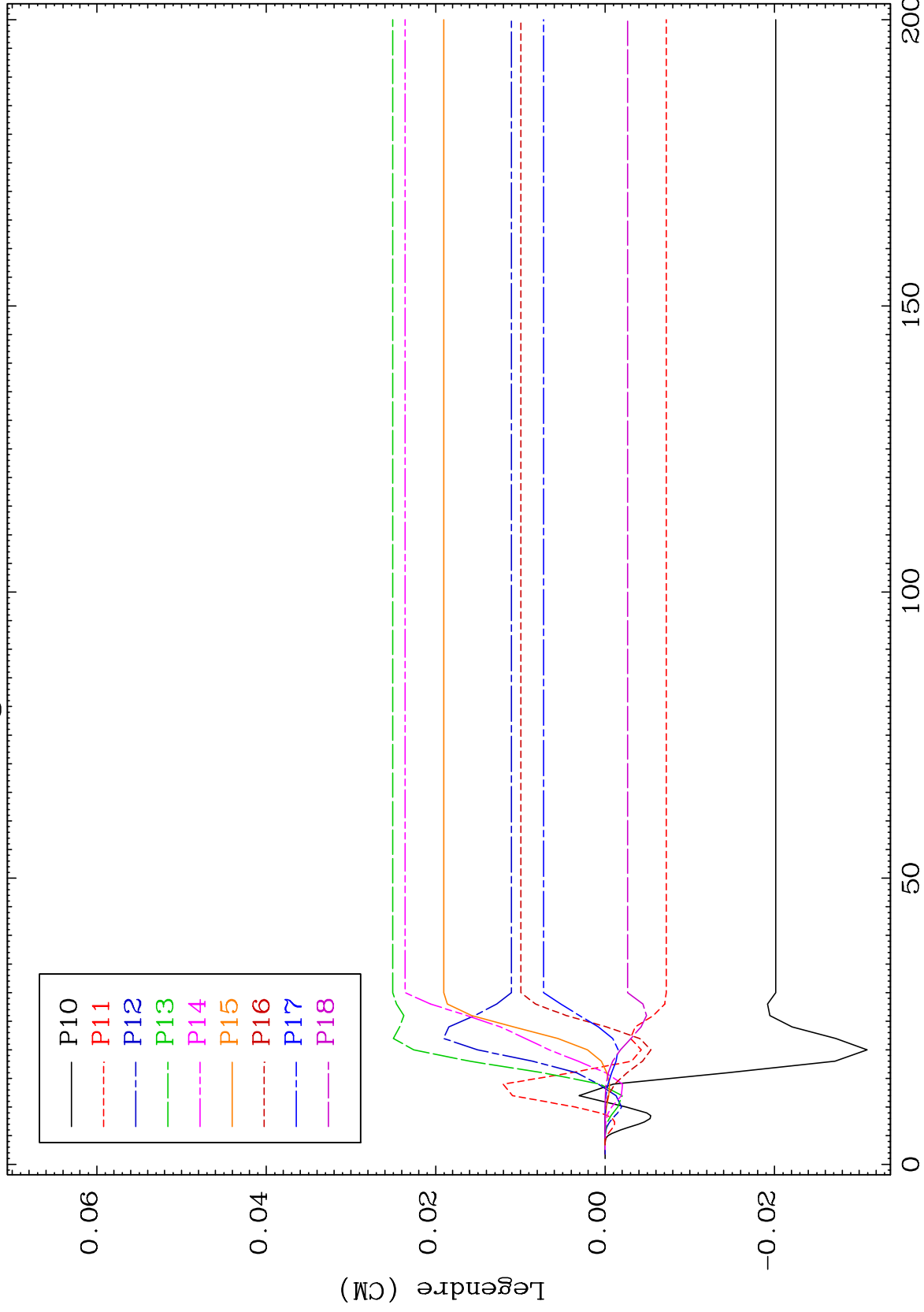
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



29

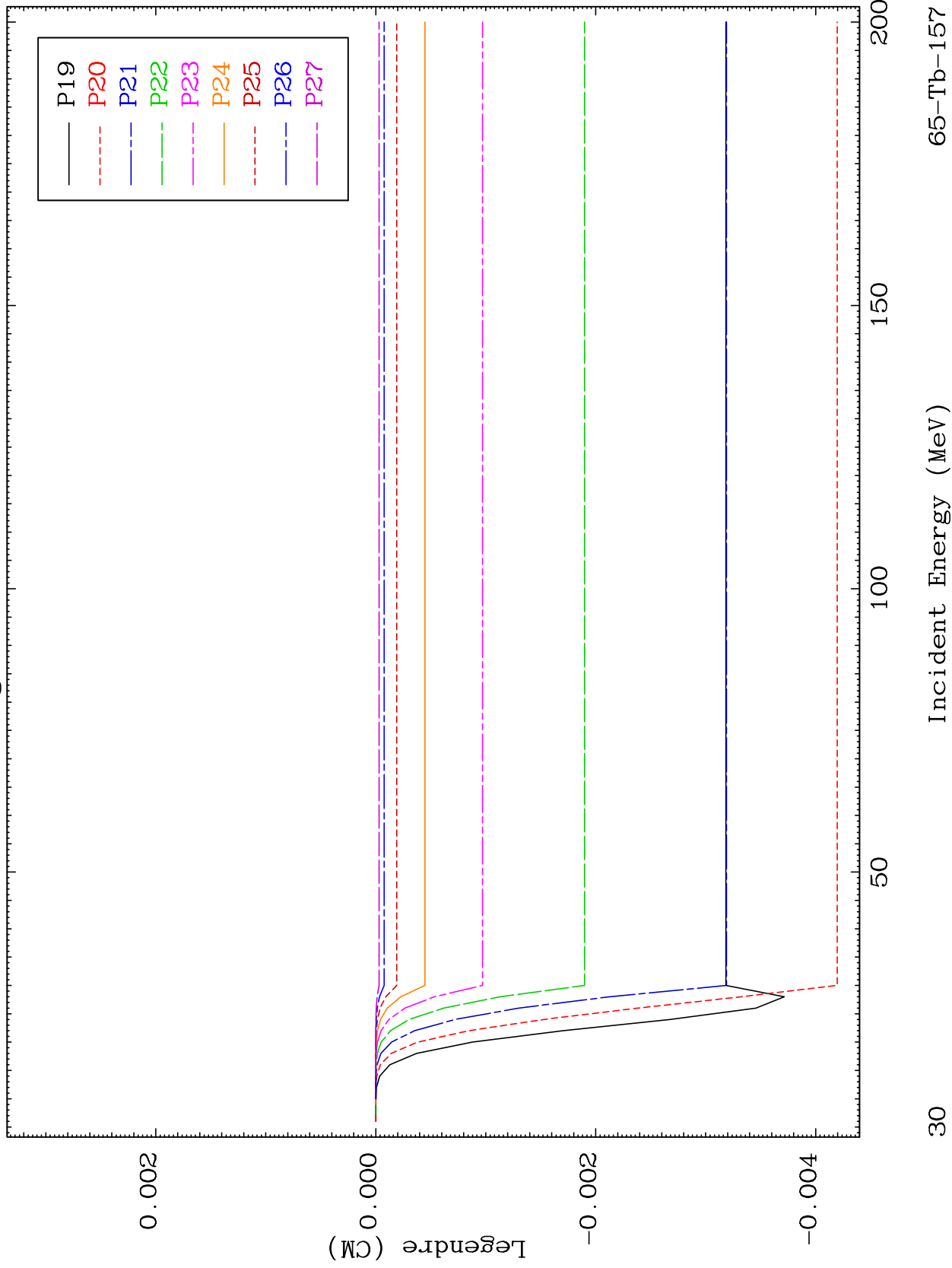
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

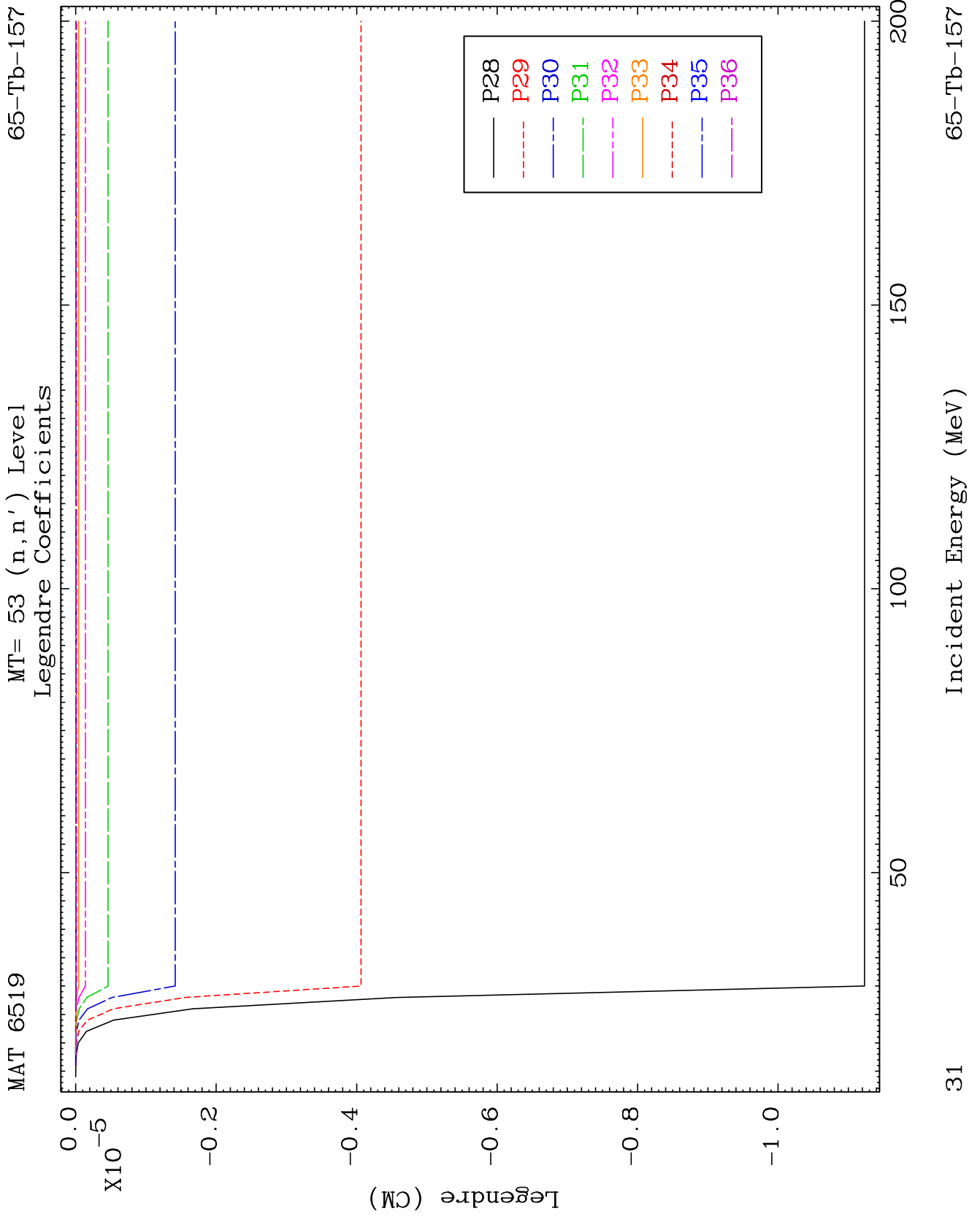
65-Tb-157



65-Tb-157

Incident Energy (MeV)

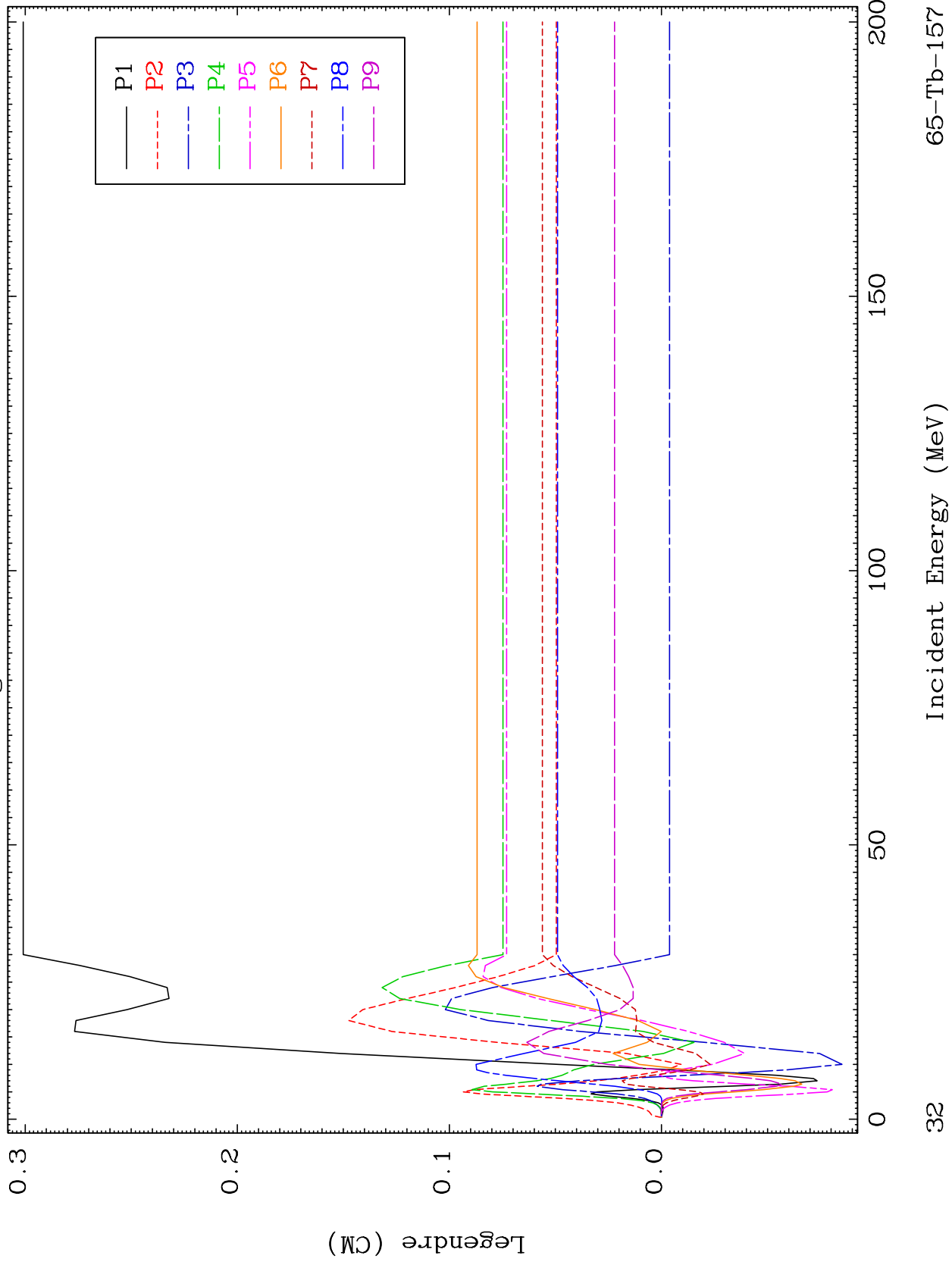
30



MAT 6519

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

65-Tb-157



65-Tb-157

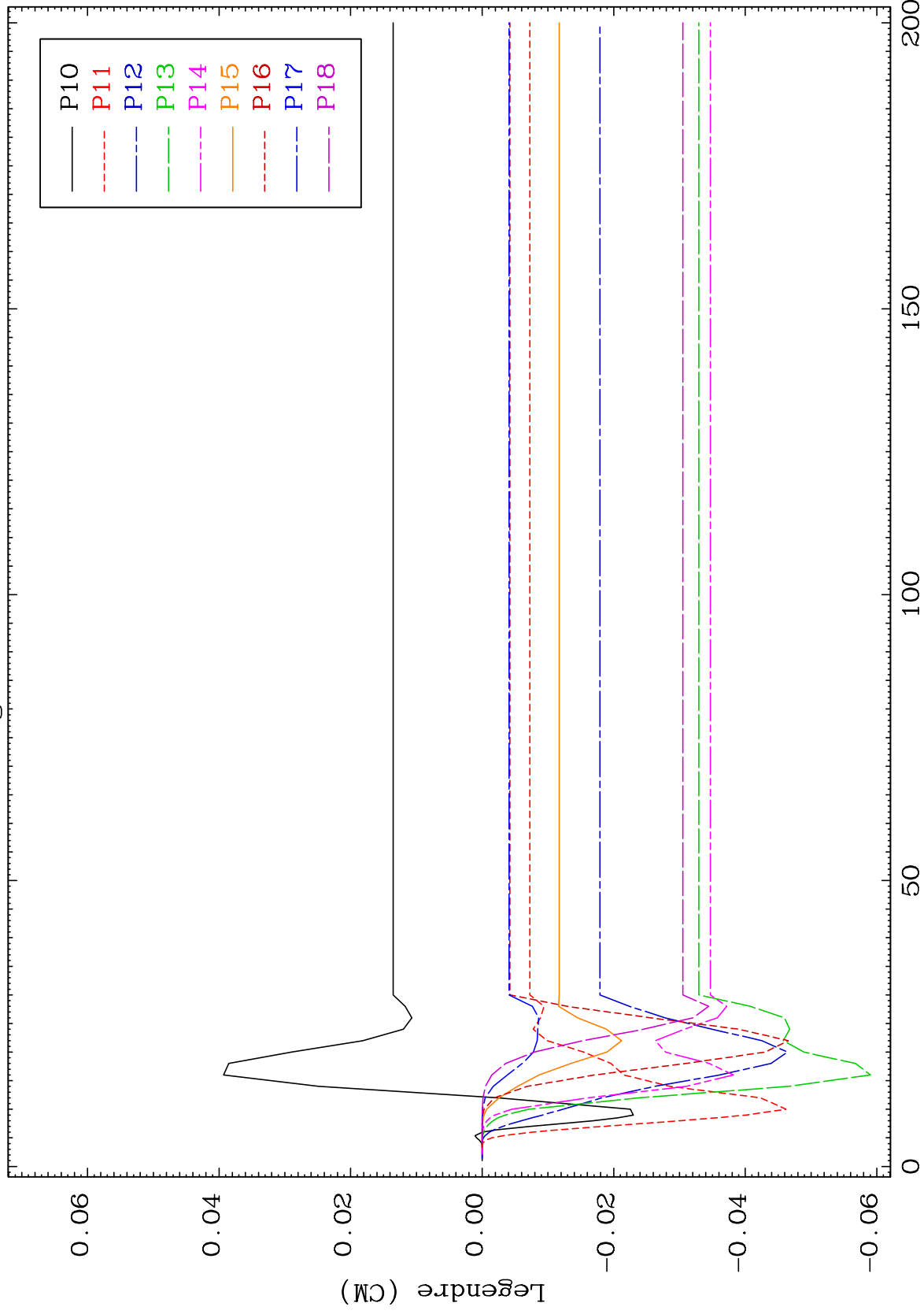
Incident Energy (MeV)

32

MAT 6519

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

65-Tb-157



33

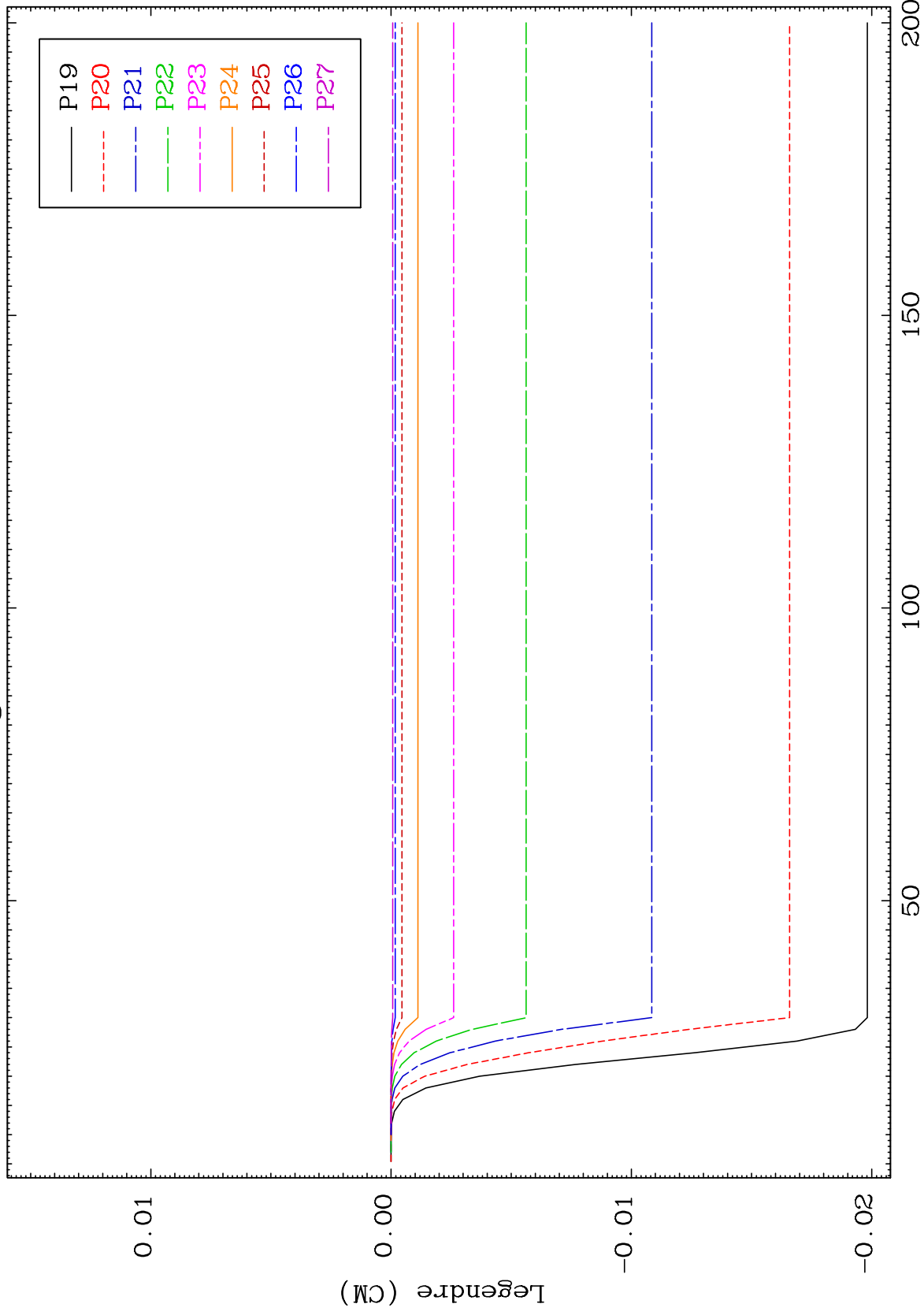
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

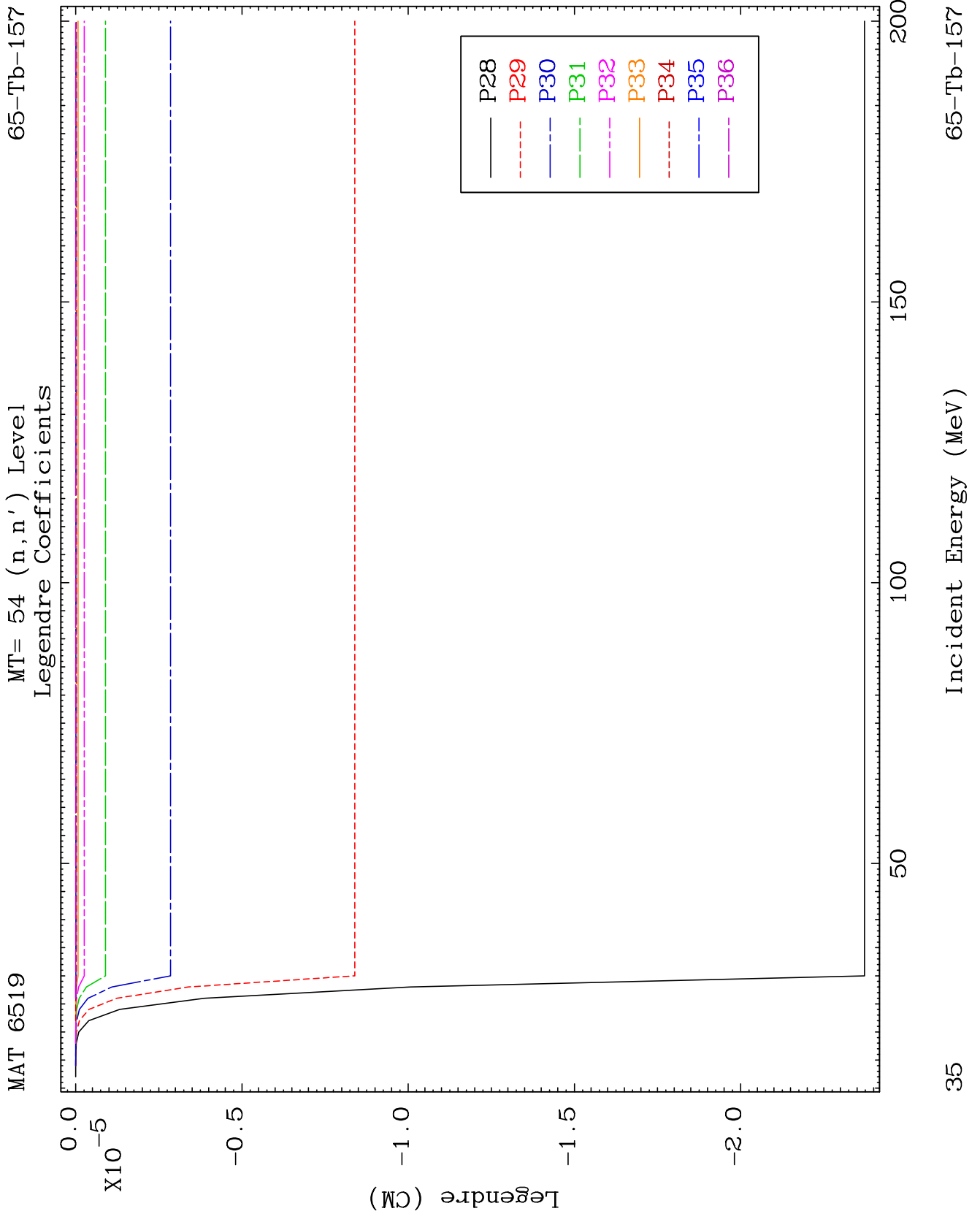
65-Tb-157



34

Incident Energy (MeV)

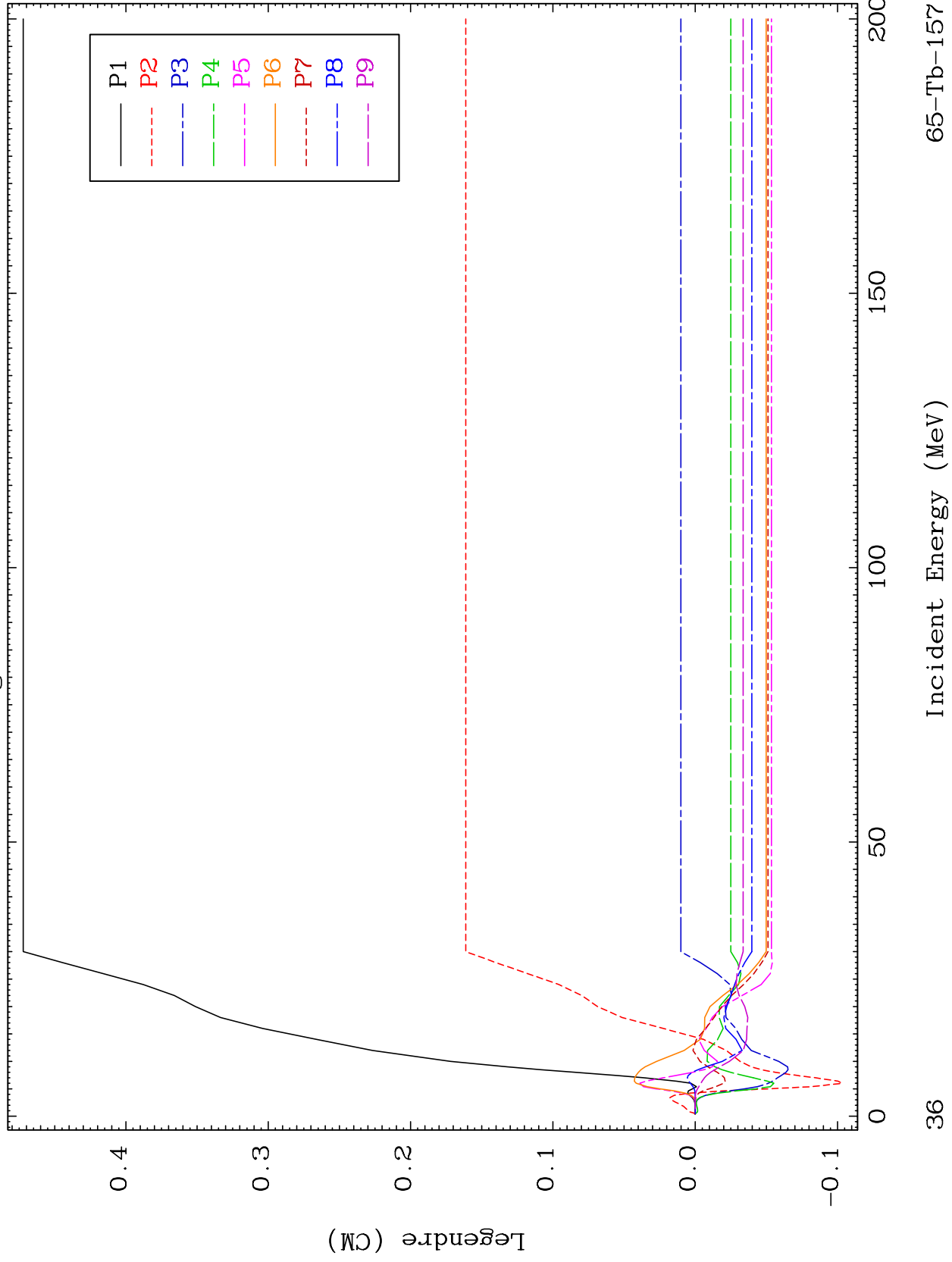
65-Tb-157



MAT 6519

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

65-Tb-157



65-Tb-157

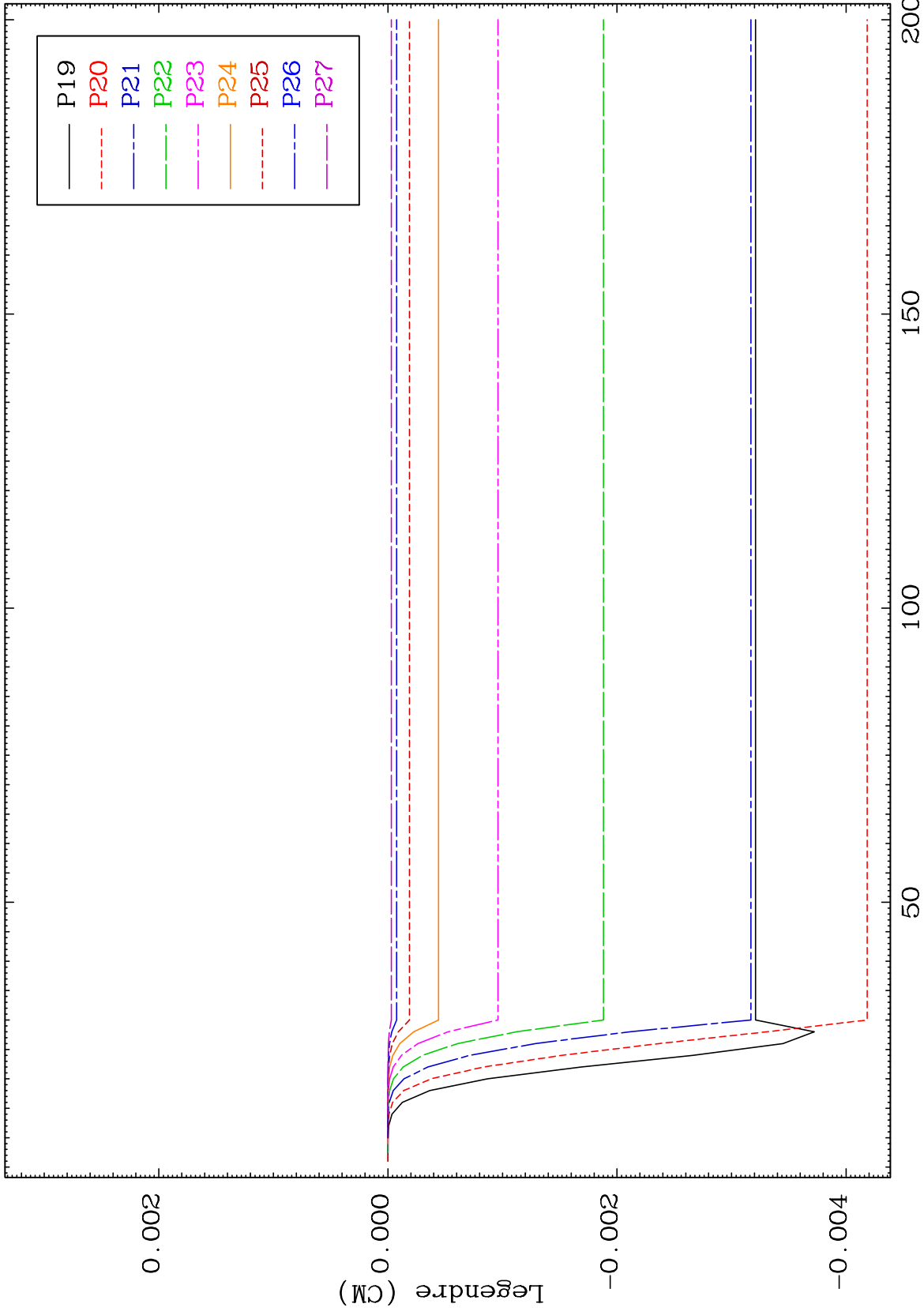
Incident Energy (MeV)

36

MAT 6519

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

65-Tb-157



38

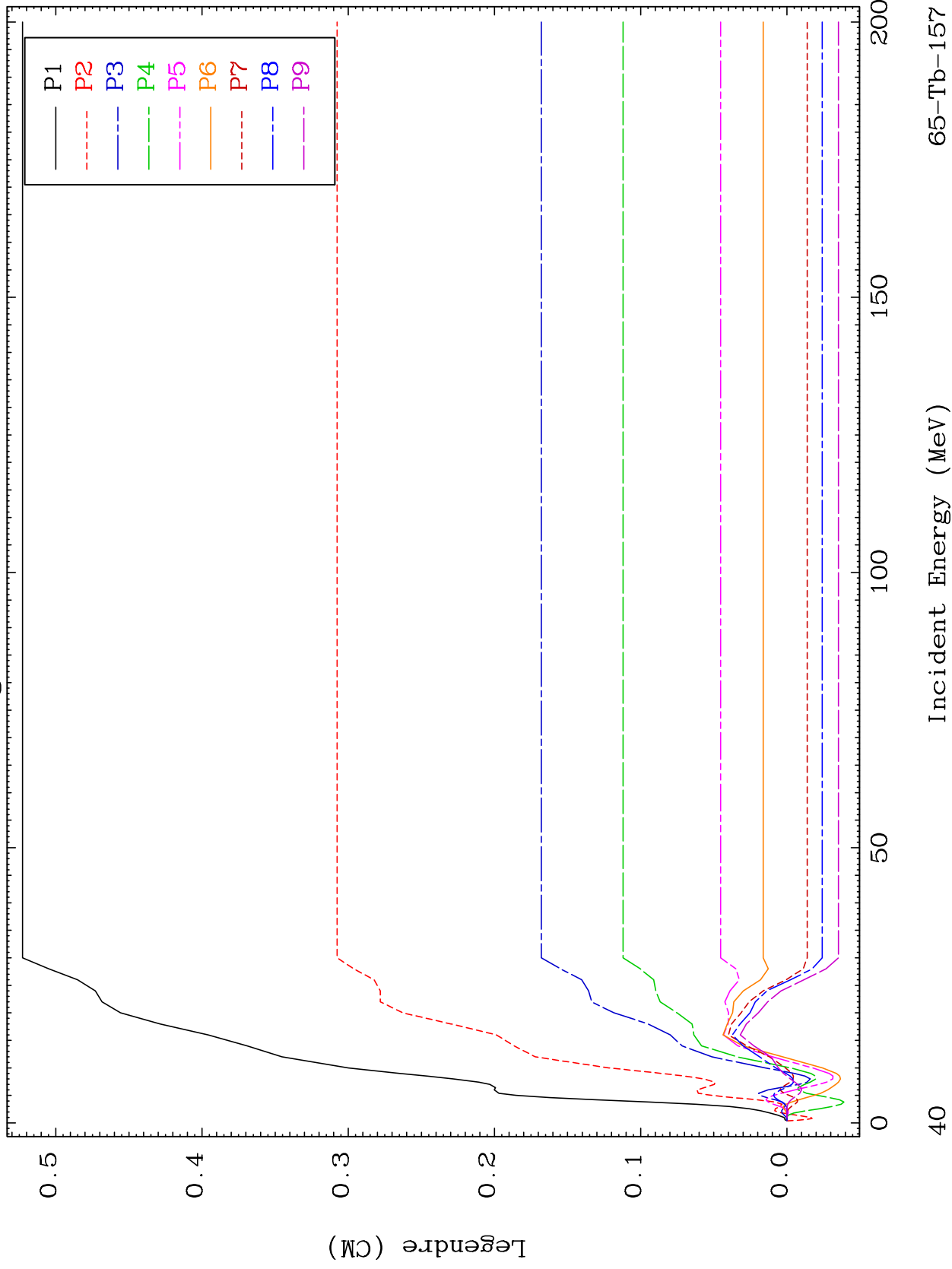
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

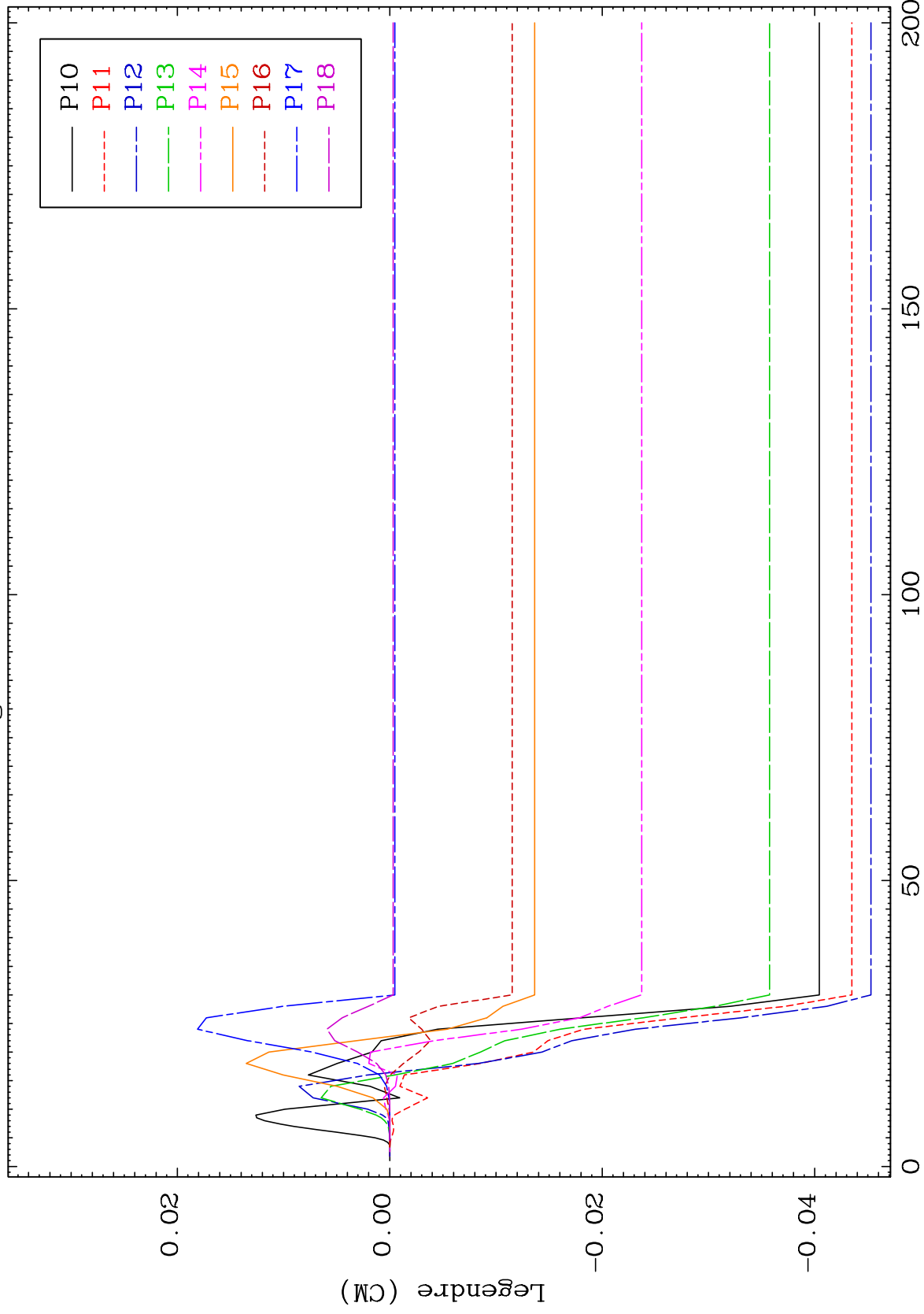
65-Tb-157



MAT 6519

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

65-Tb-157



41

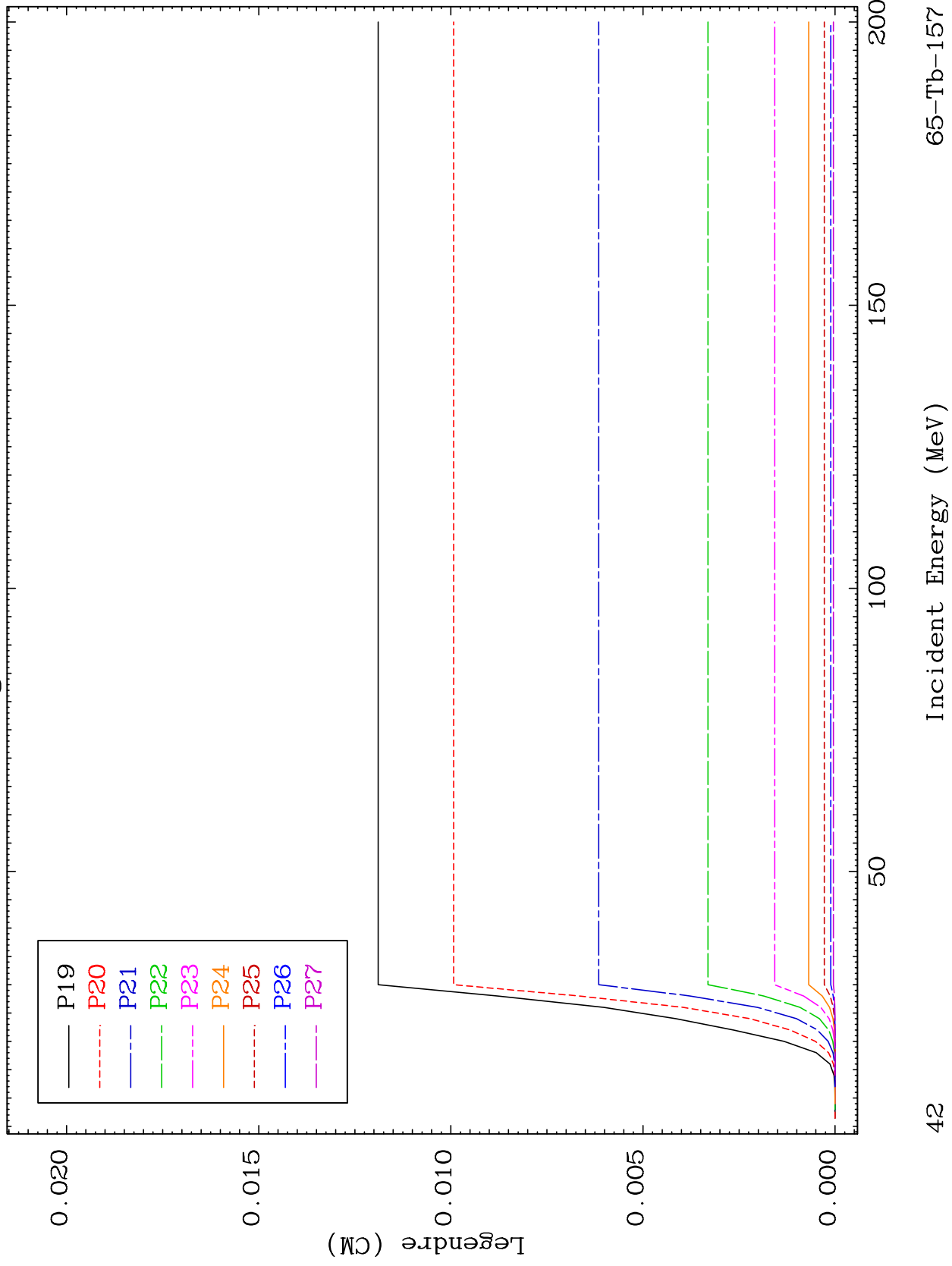
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157

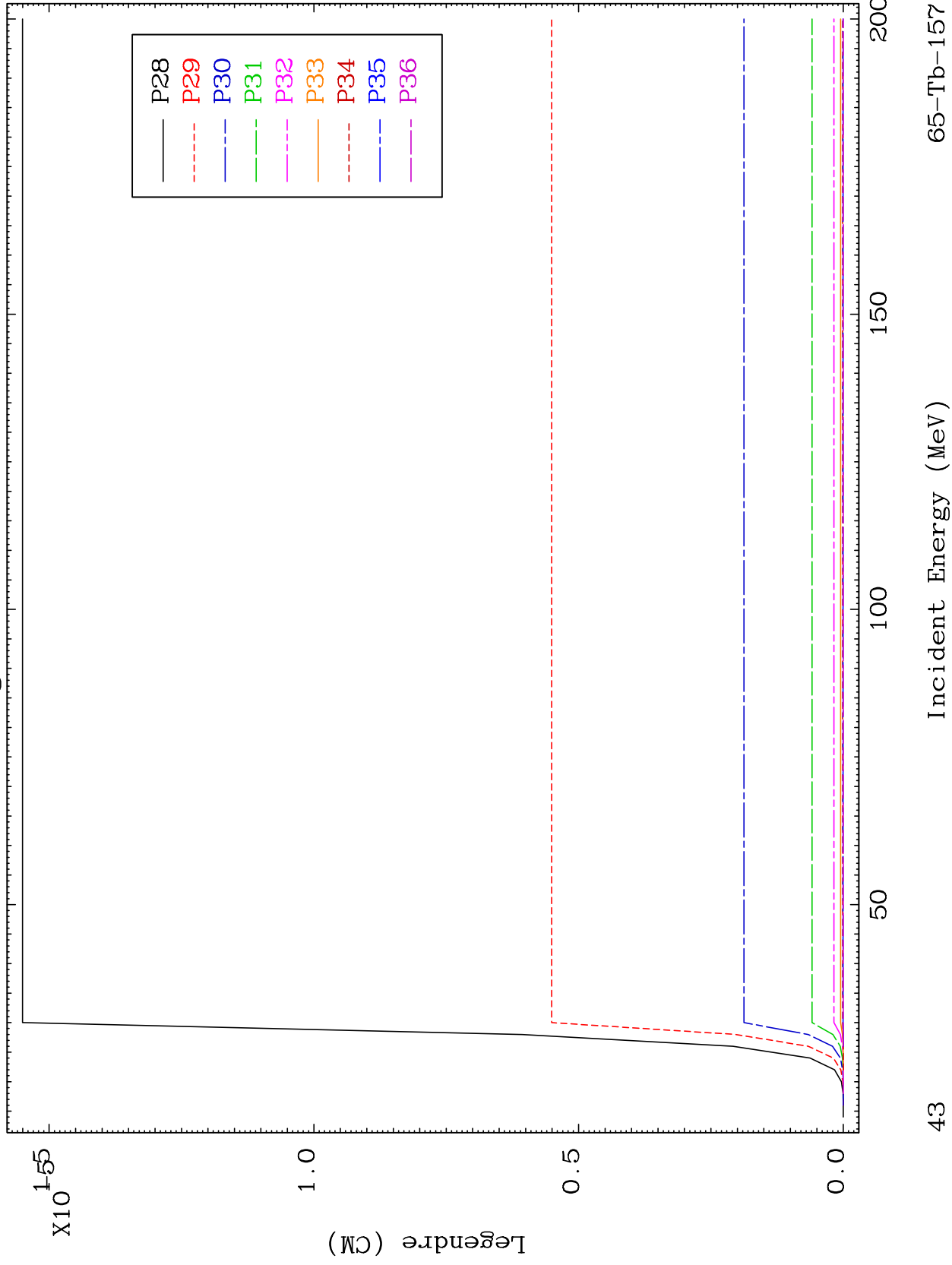


42

MAT 6519

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

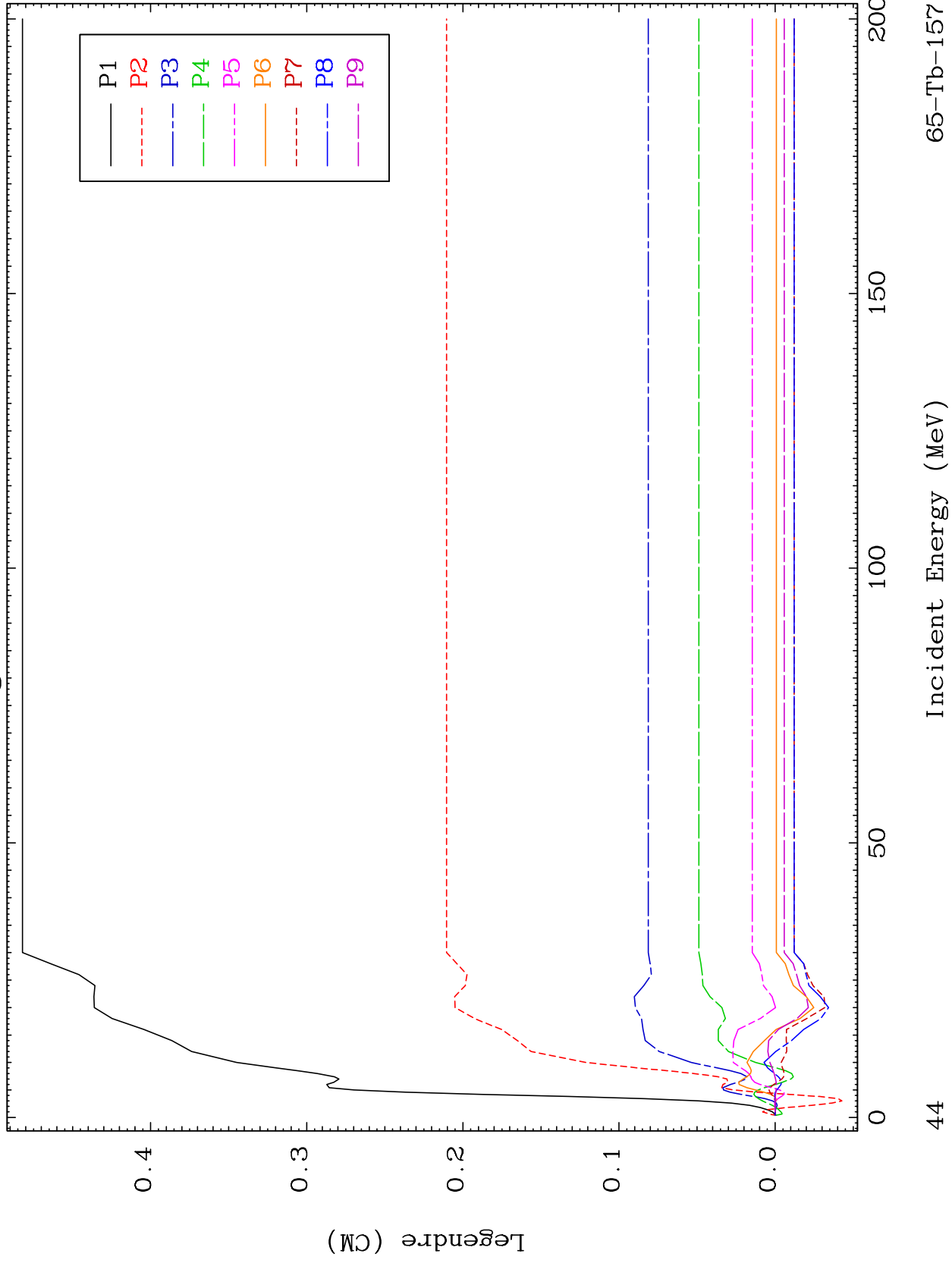
65-Tb-157



MAT 6519

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

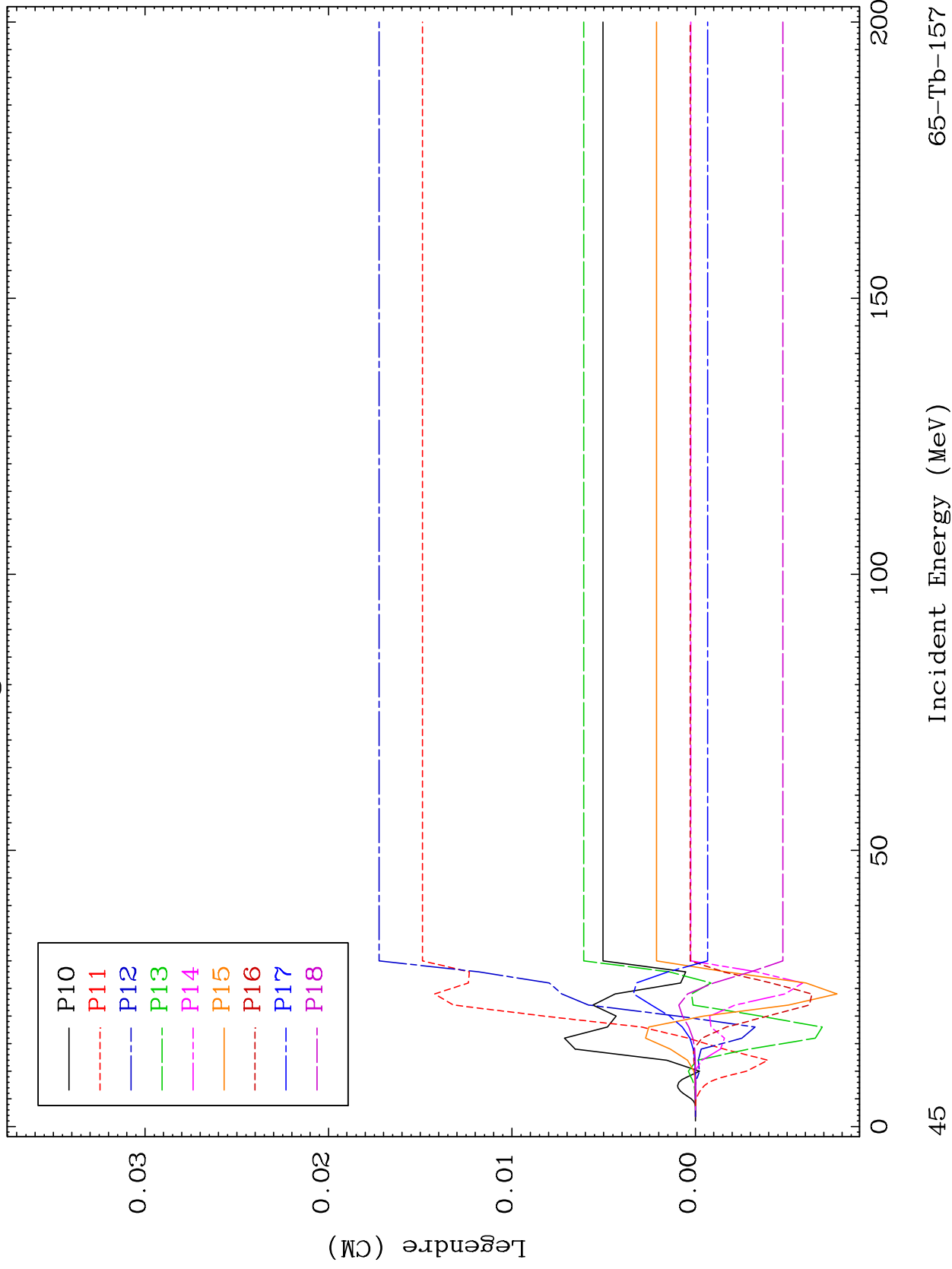
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MAT 6519

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

65-Tb-157



65-Tb-157

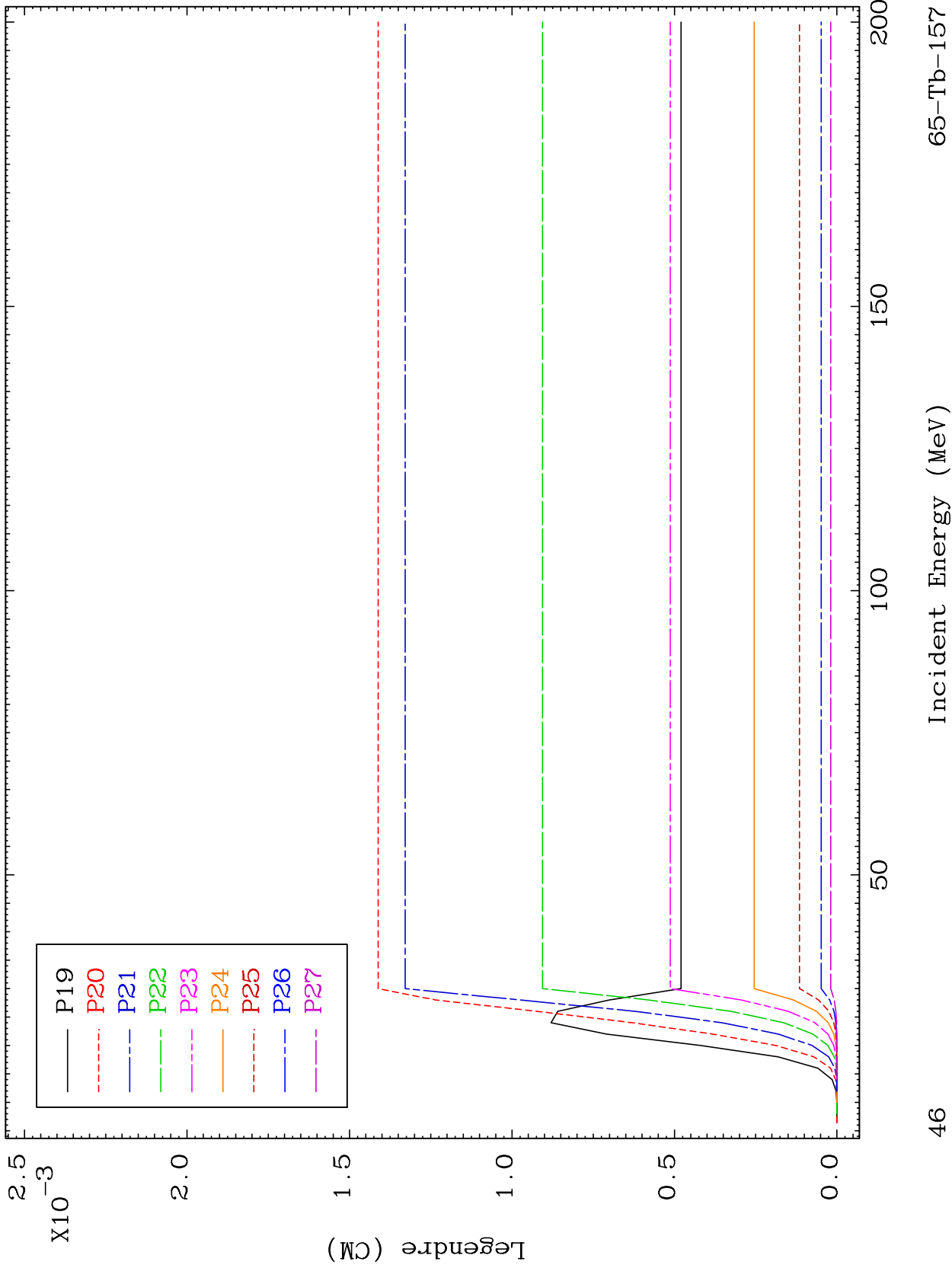
Incident Energy (MeV)

45

MAT 6519

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

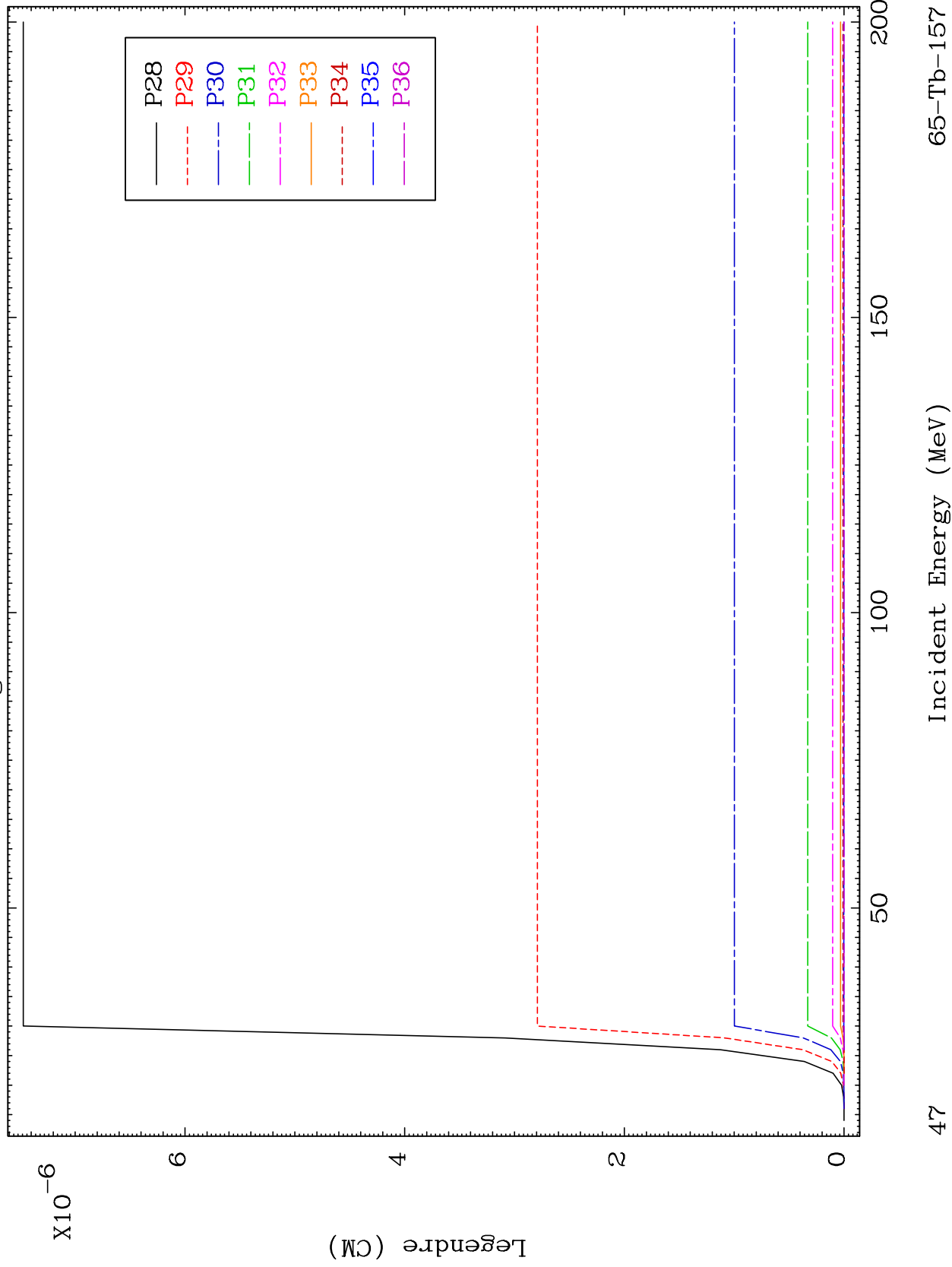
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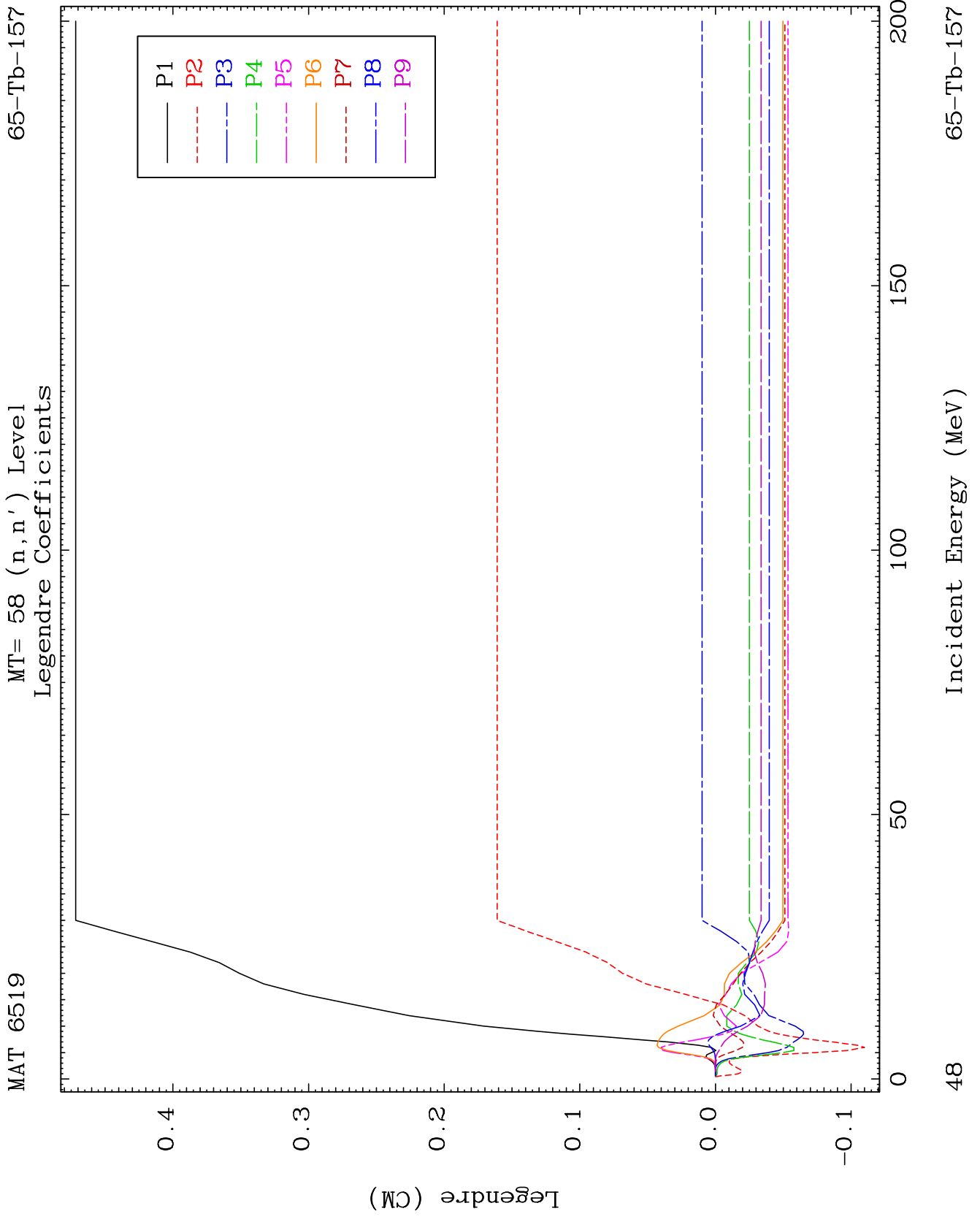


MAT 6519

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

65-Tb-157

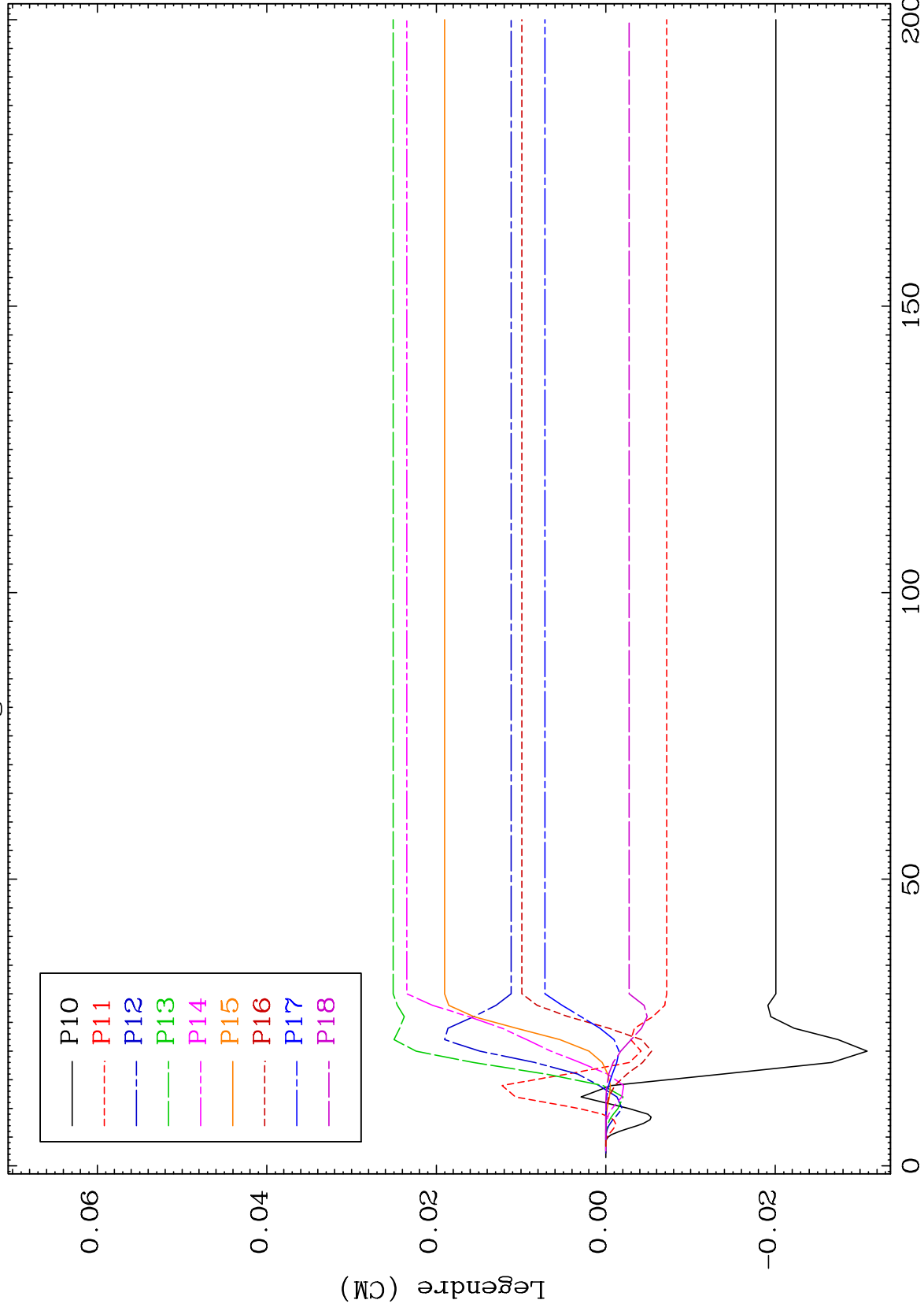




MAT 6519

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

65-Tb-157



49

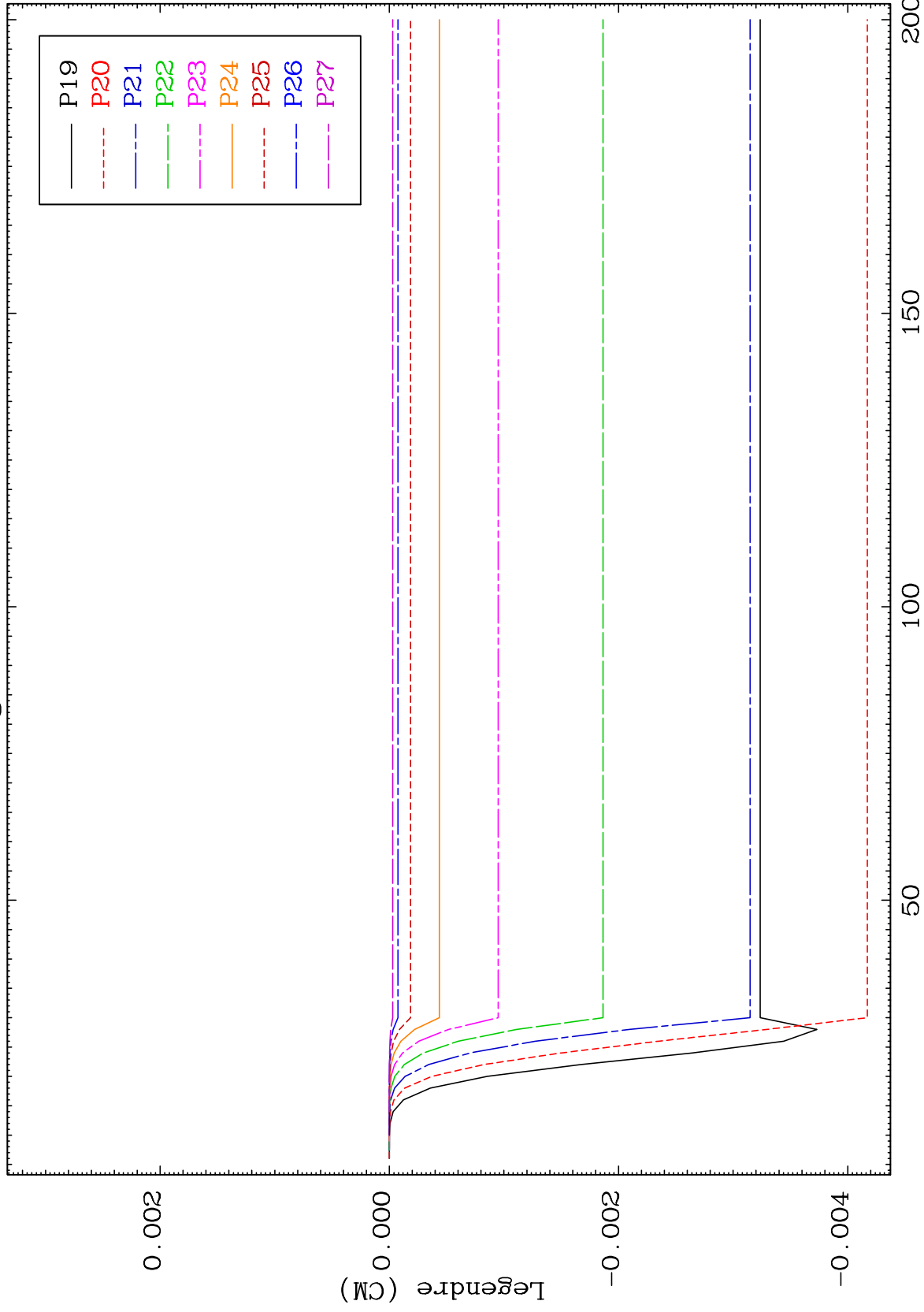
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

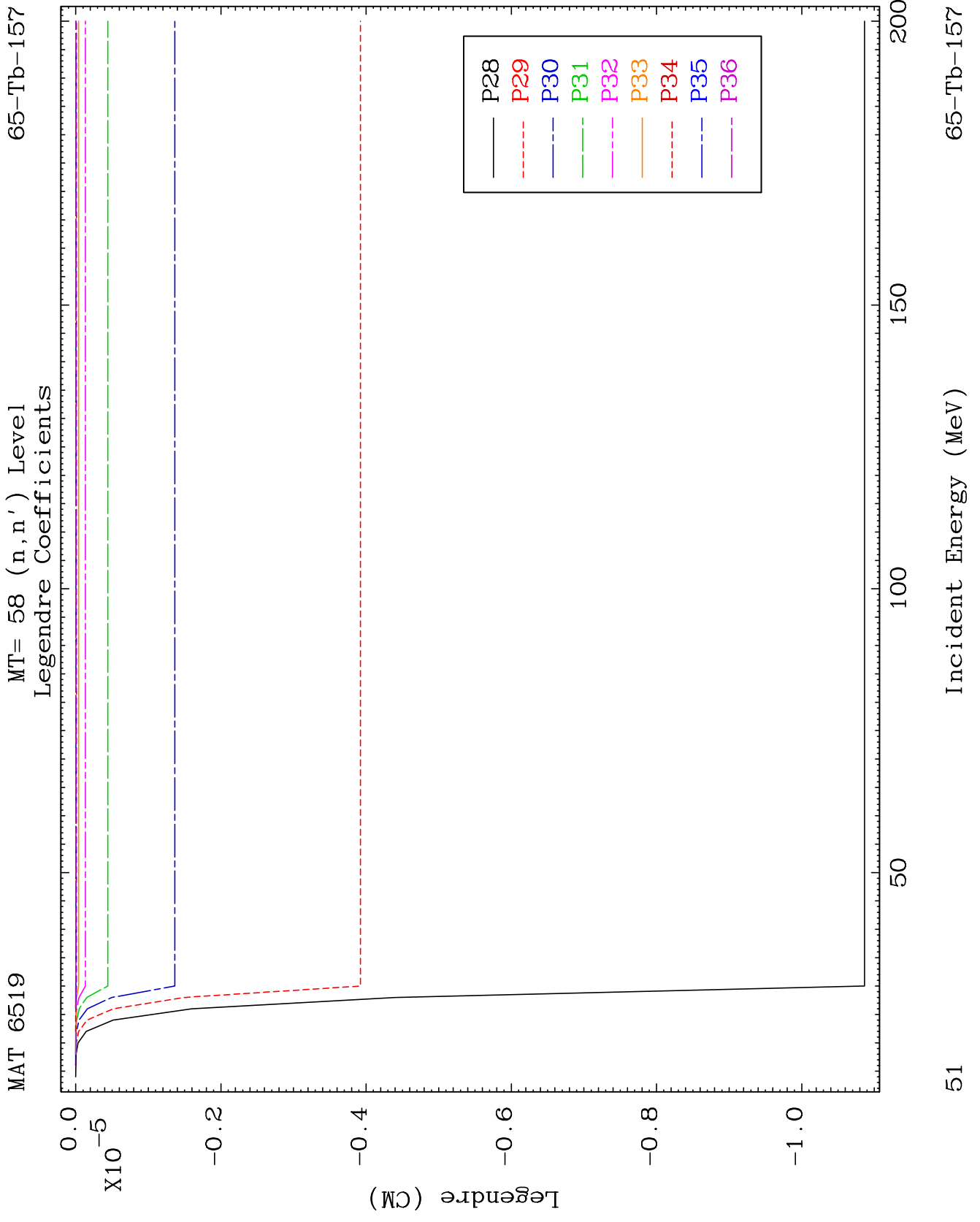
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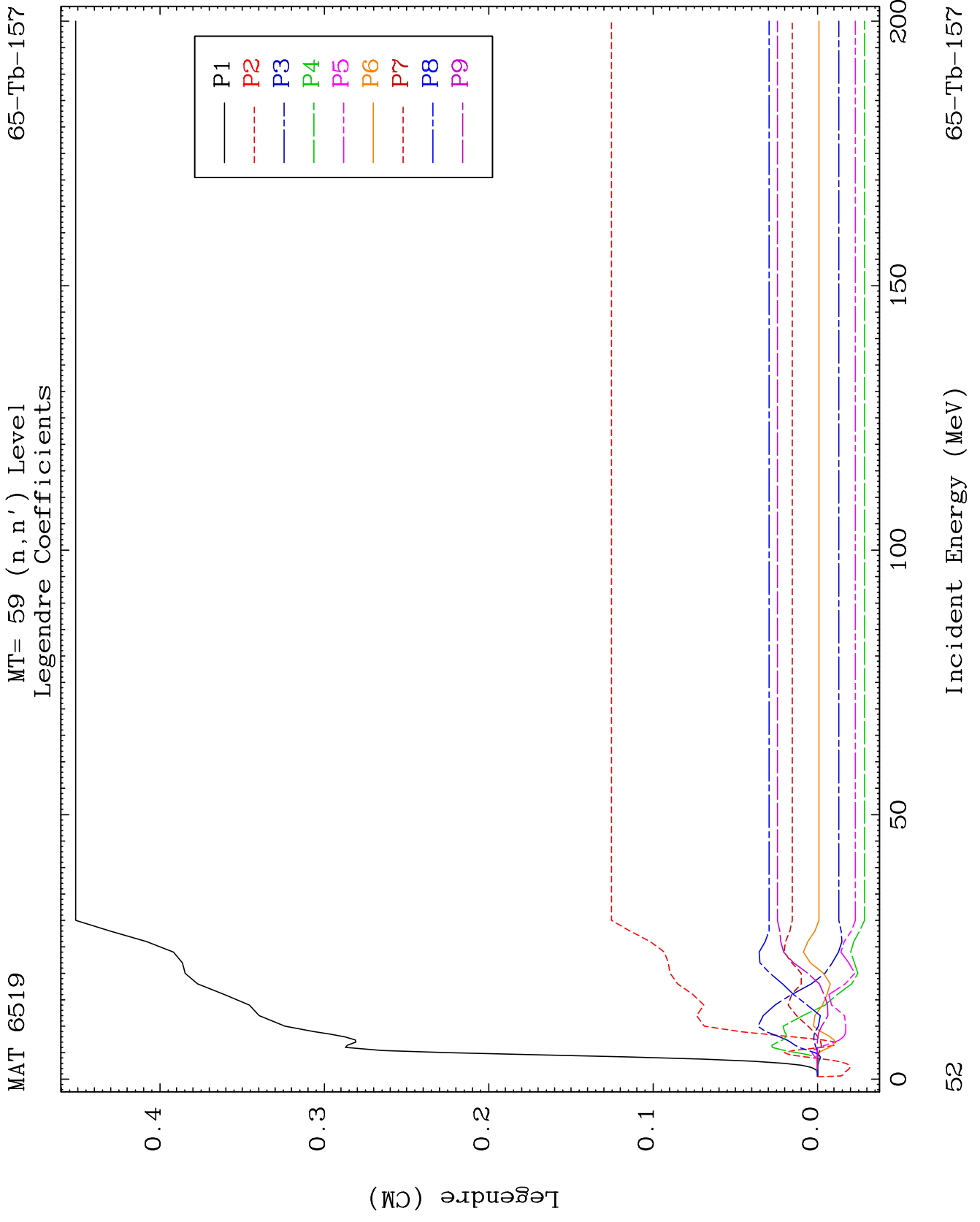


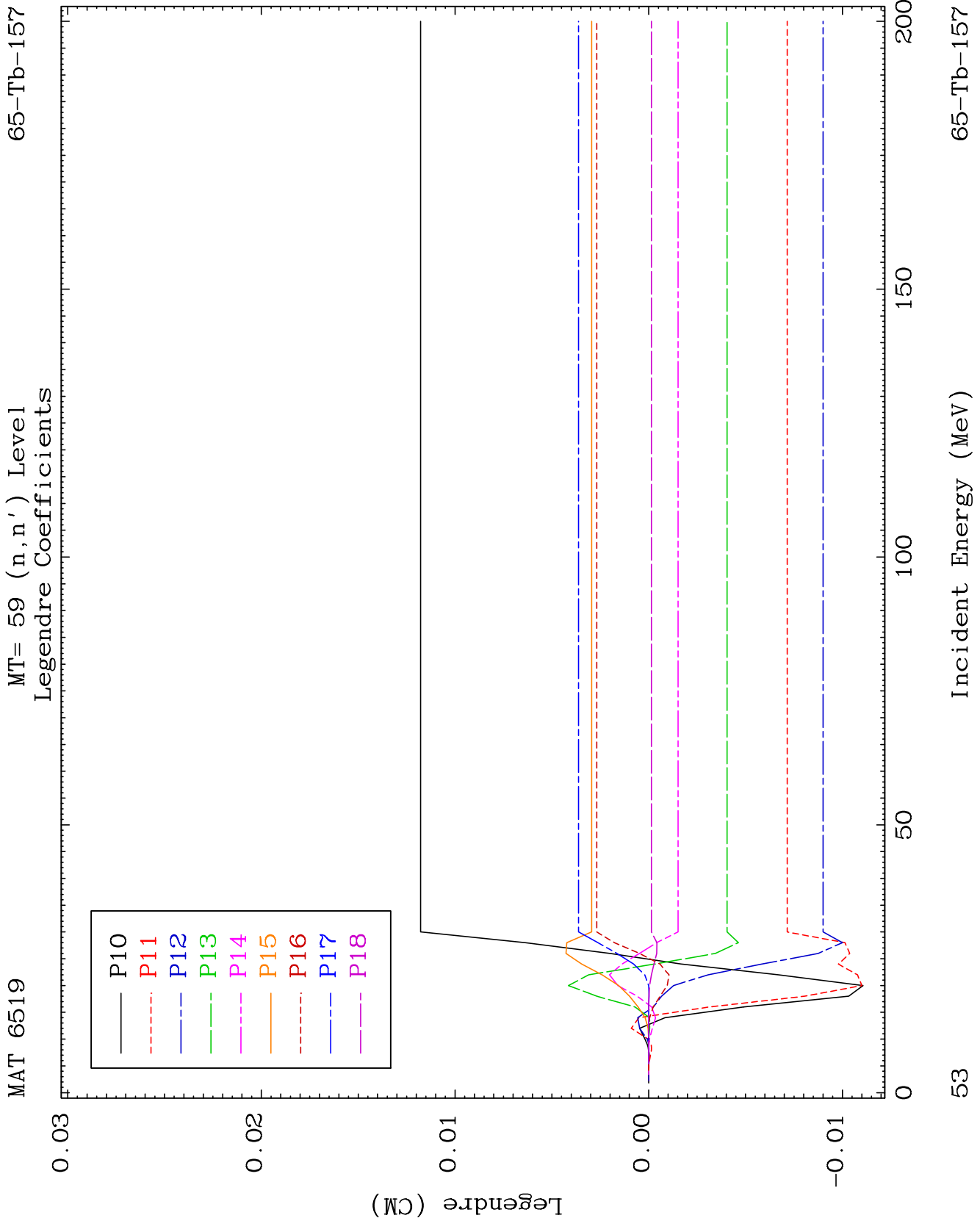
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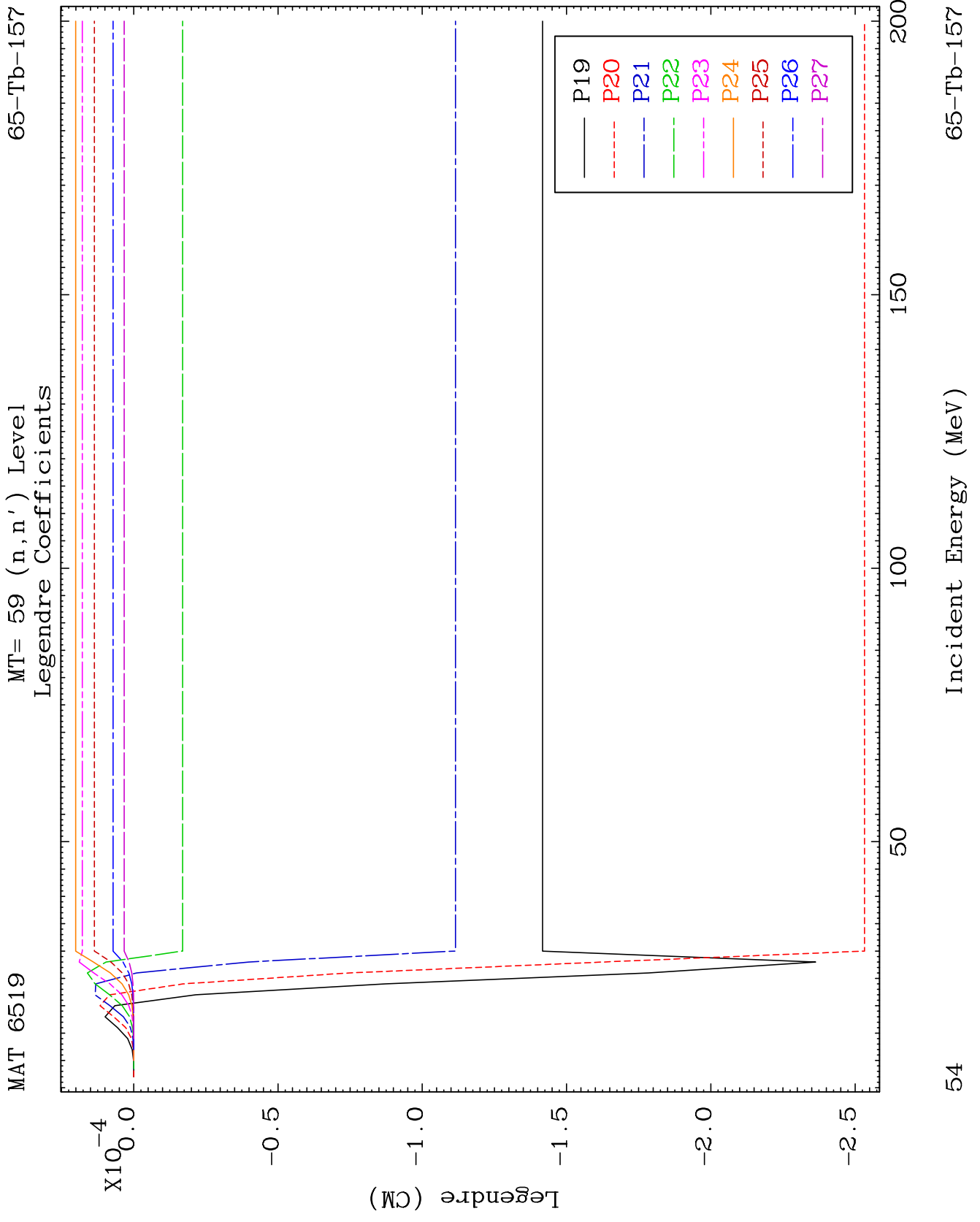
Incident Energy (MeV)

65-Tb-157





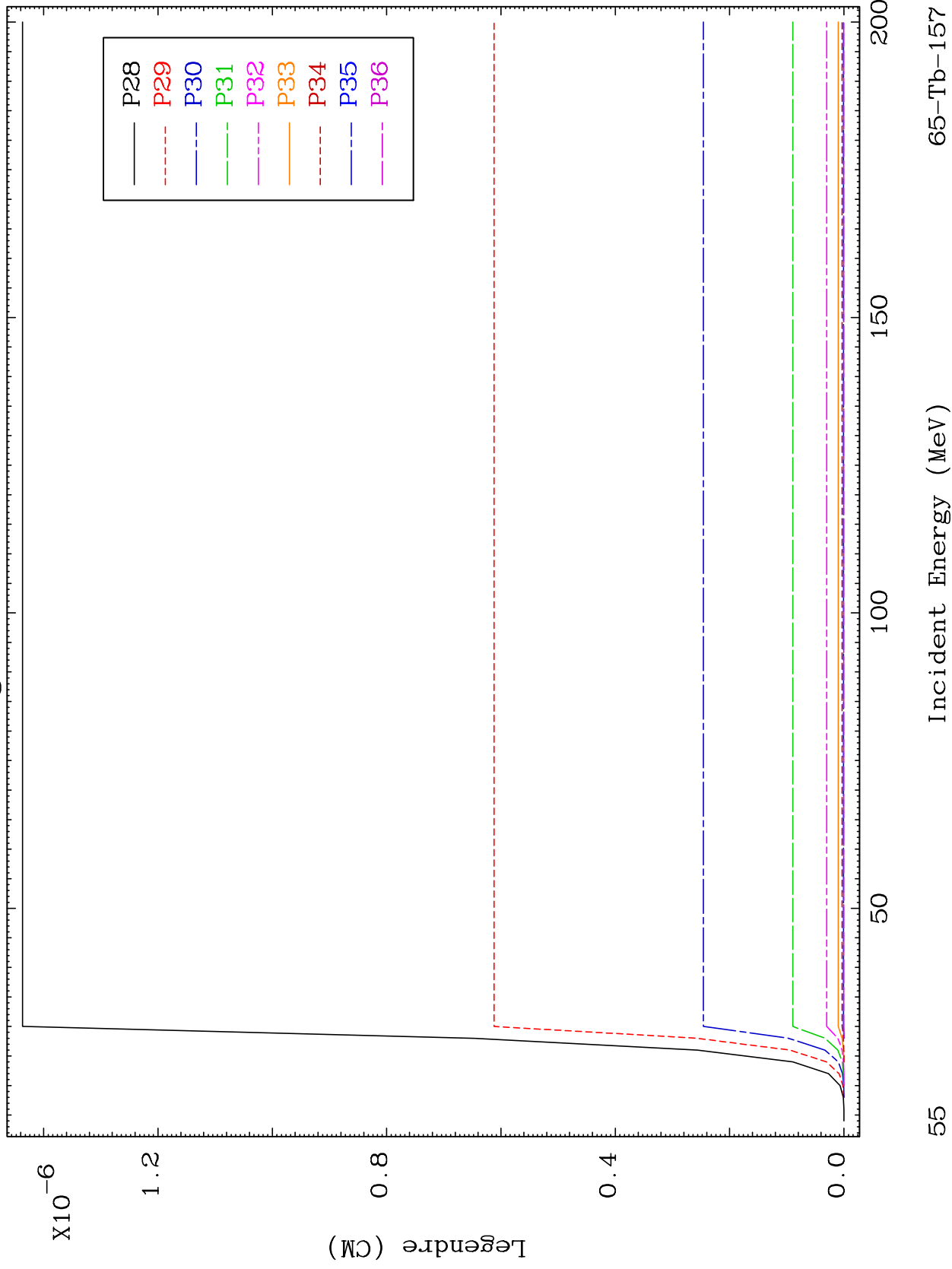


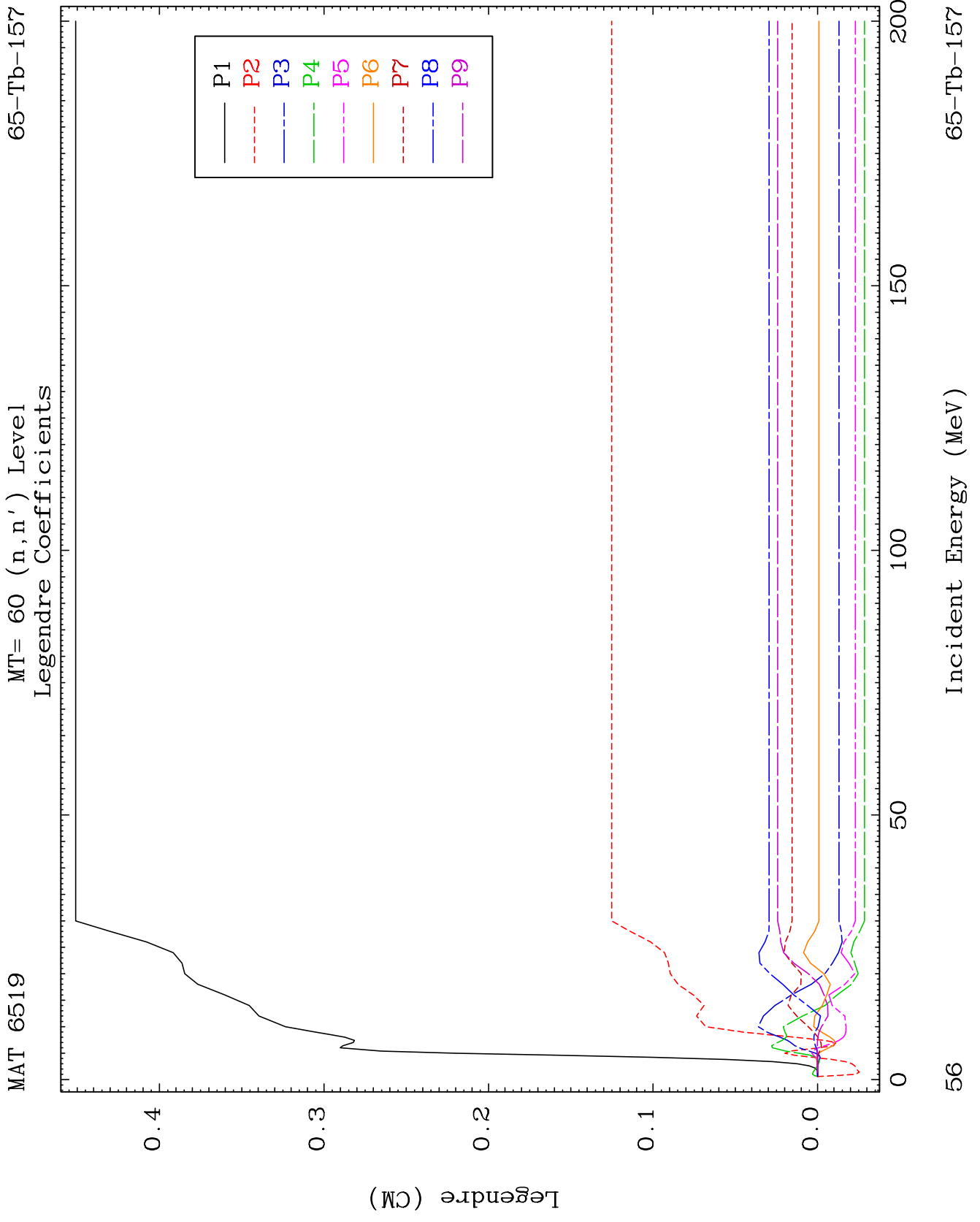


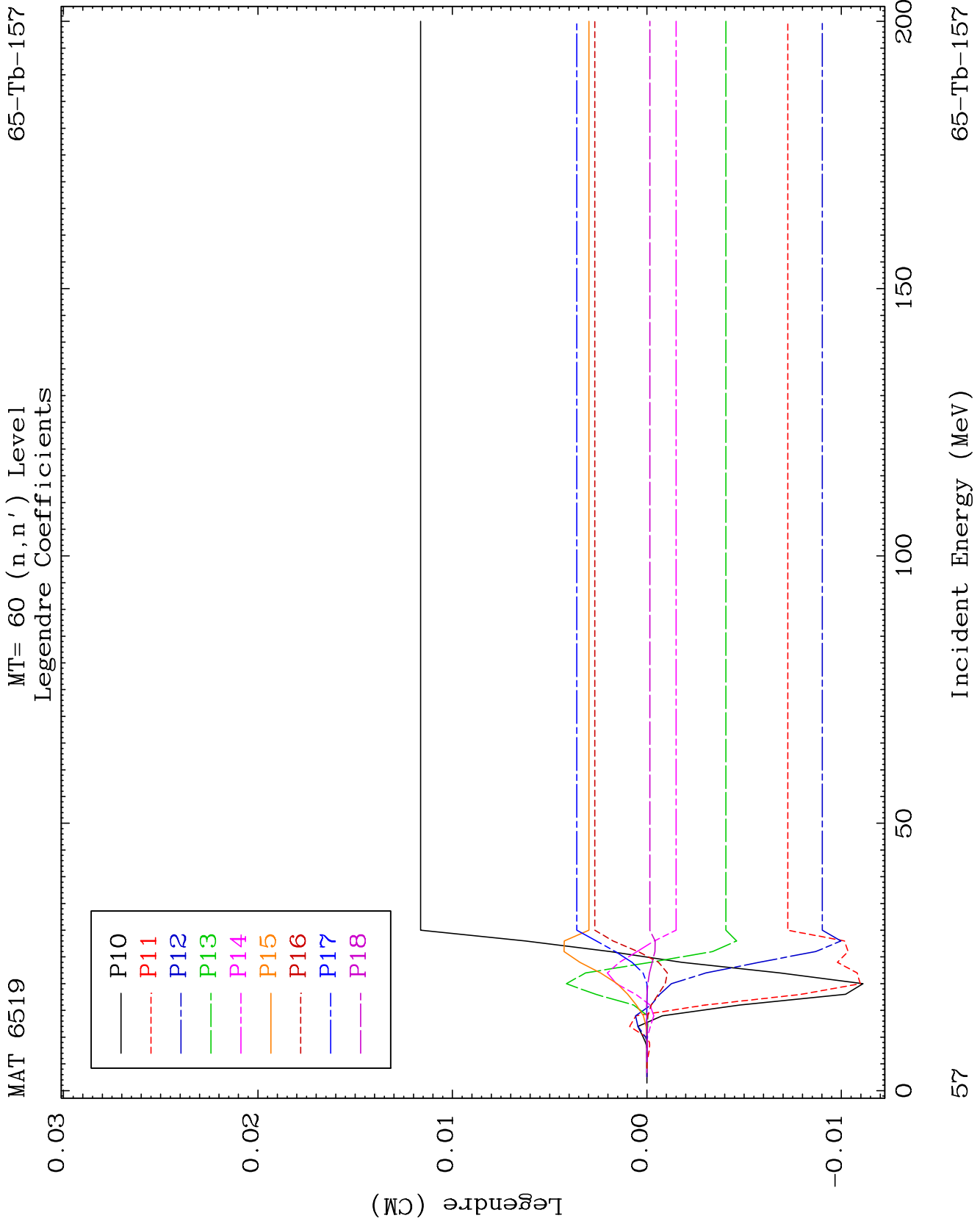
MAT 6519

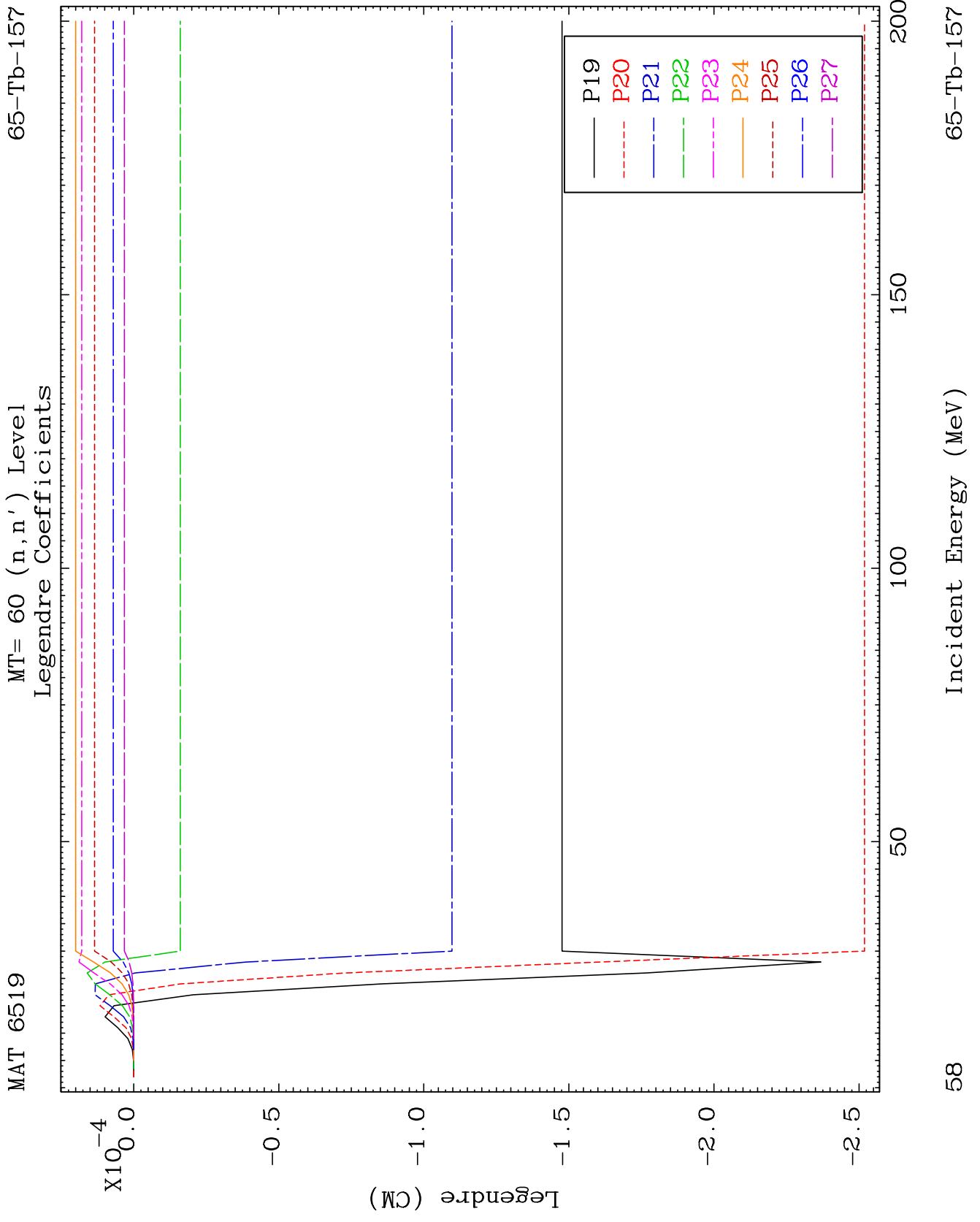
MT= 59 (n,n') Level
Legendre Coefficients

65-Tb-157





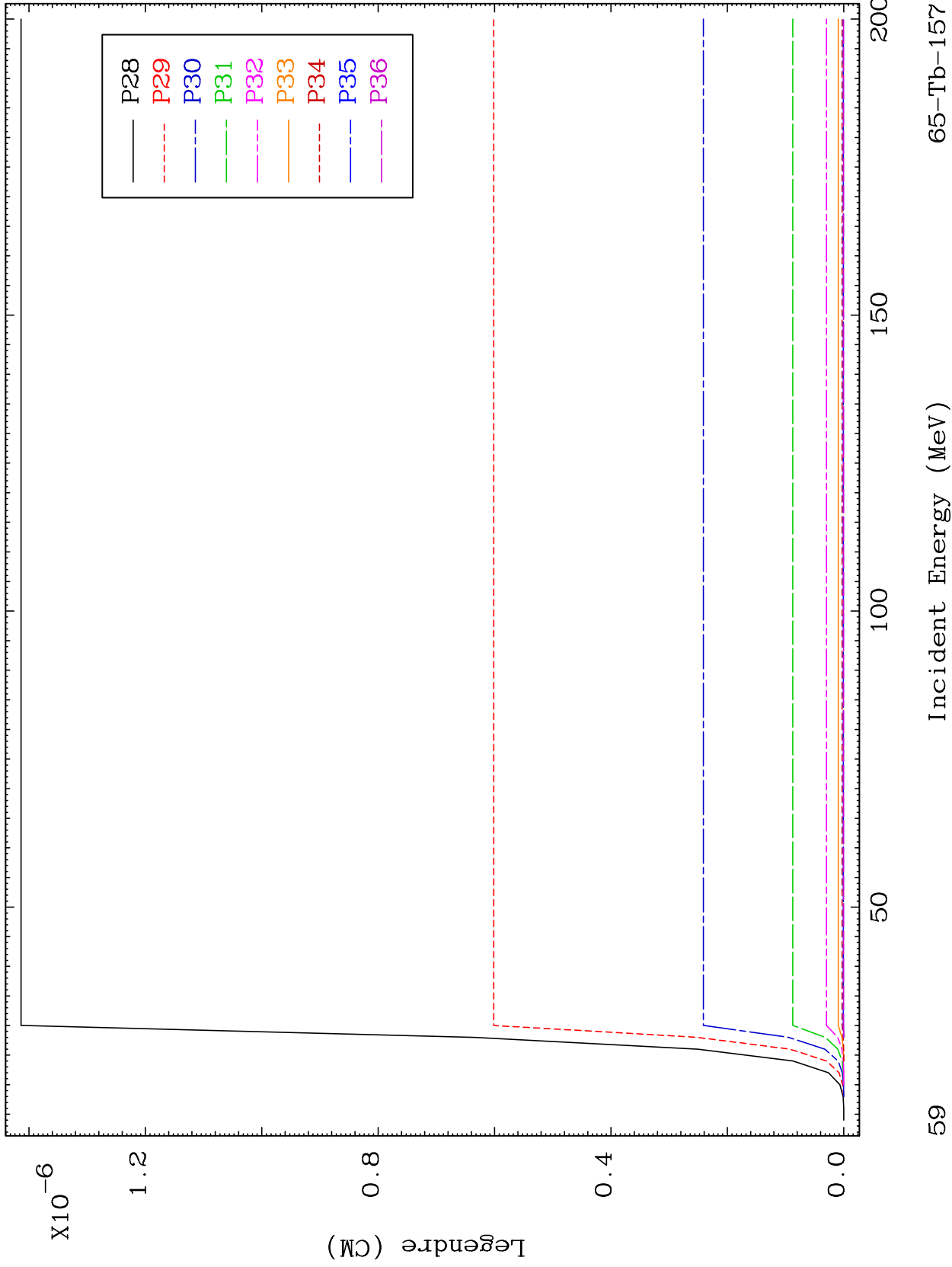




MAT 6519

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

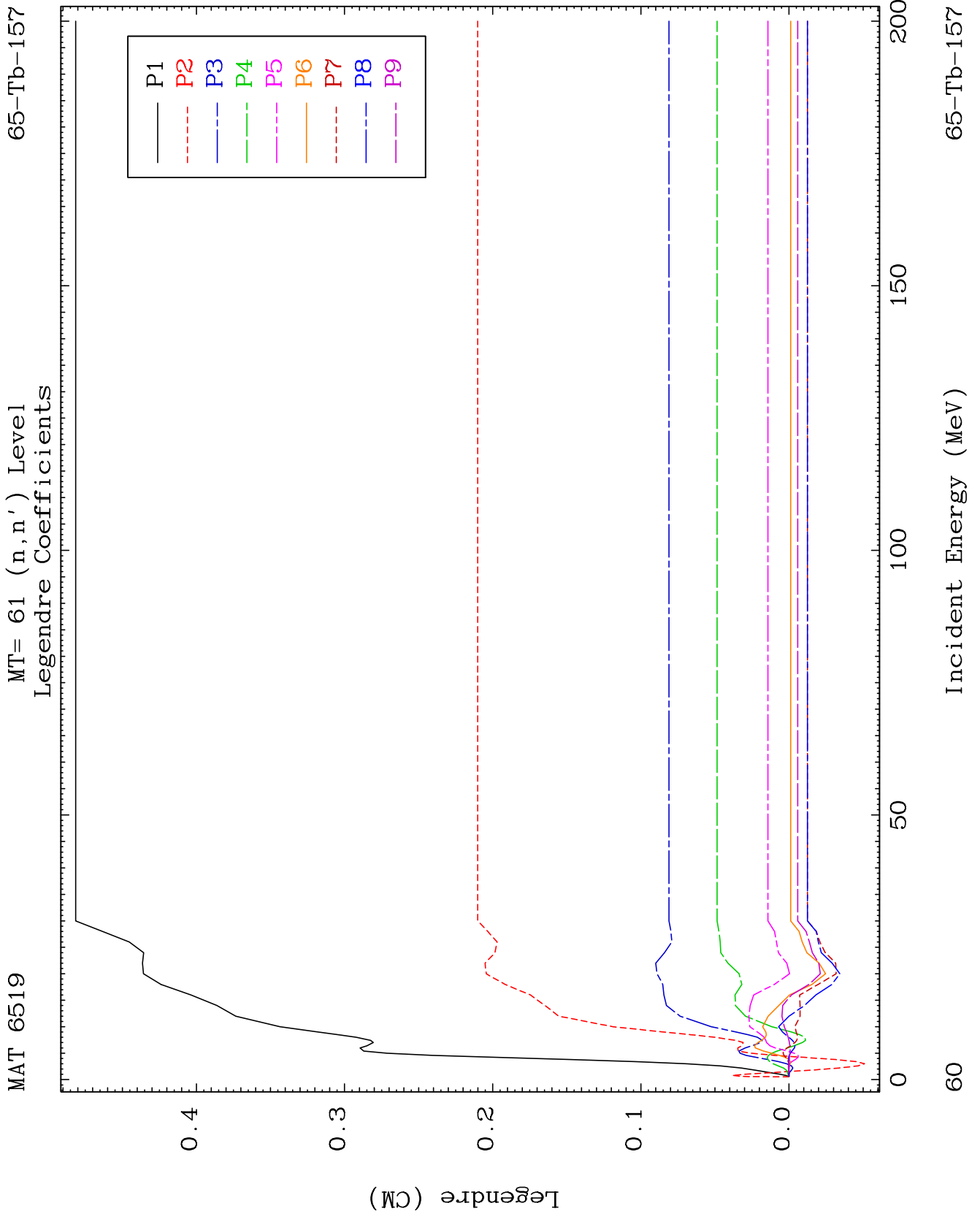
65-Tb-157



59

Incident Energy (MeV)

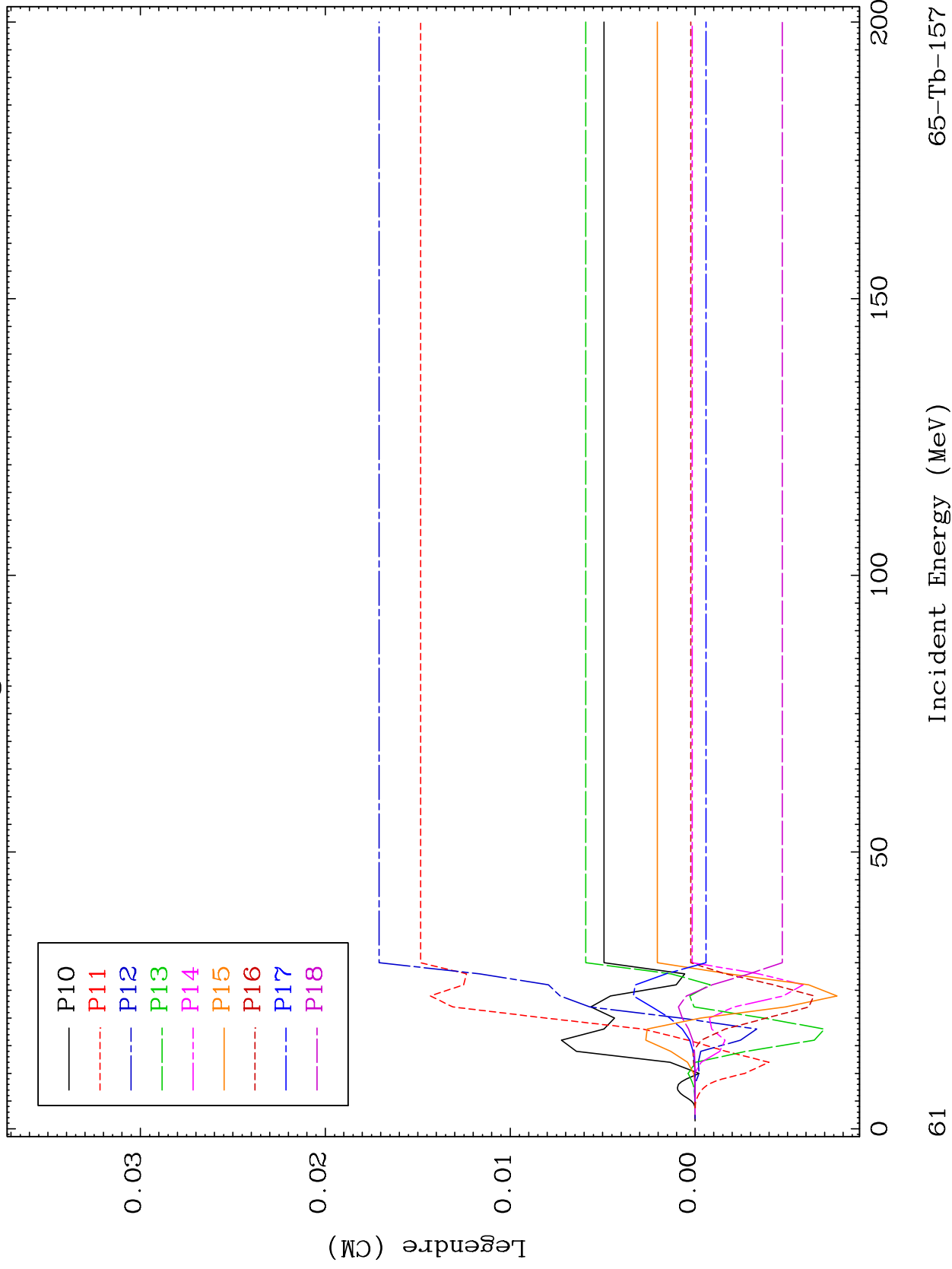
65-Tb-157



MAT 6519

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

65-Tb-157



65-Tb-157

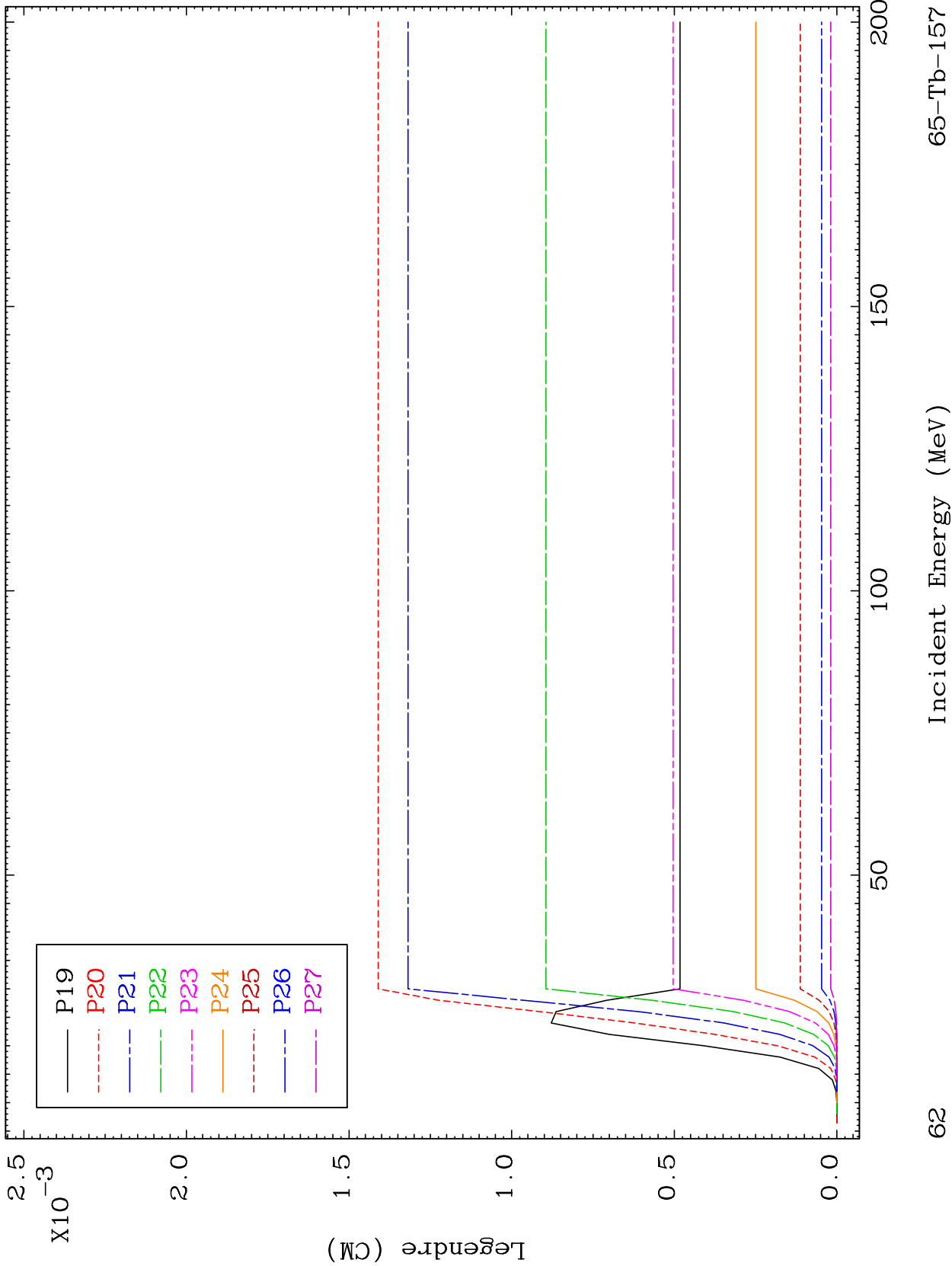
Incident Energy (MeV)

61

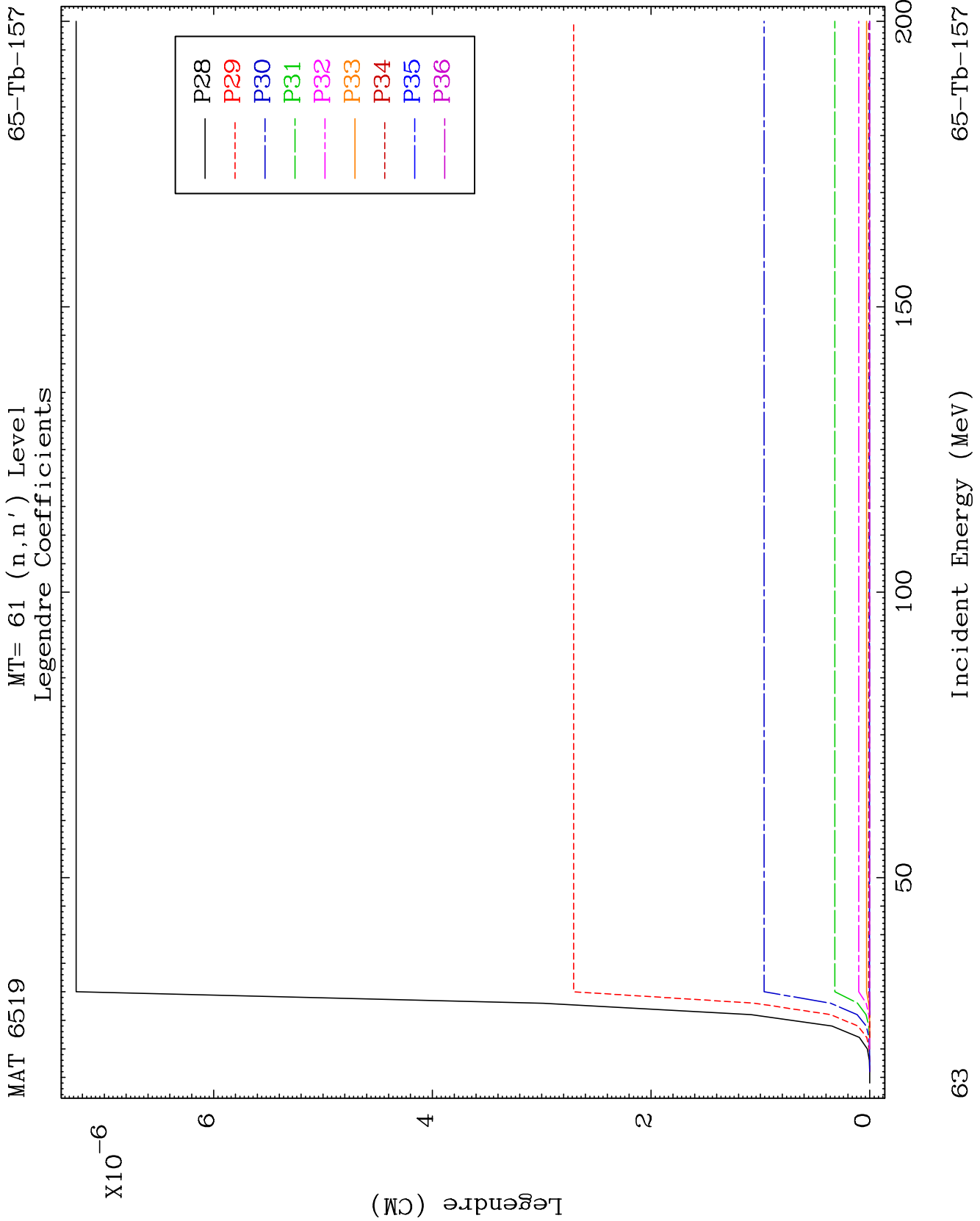
MAT 6519

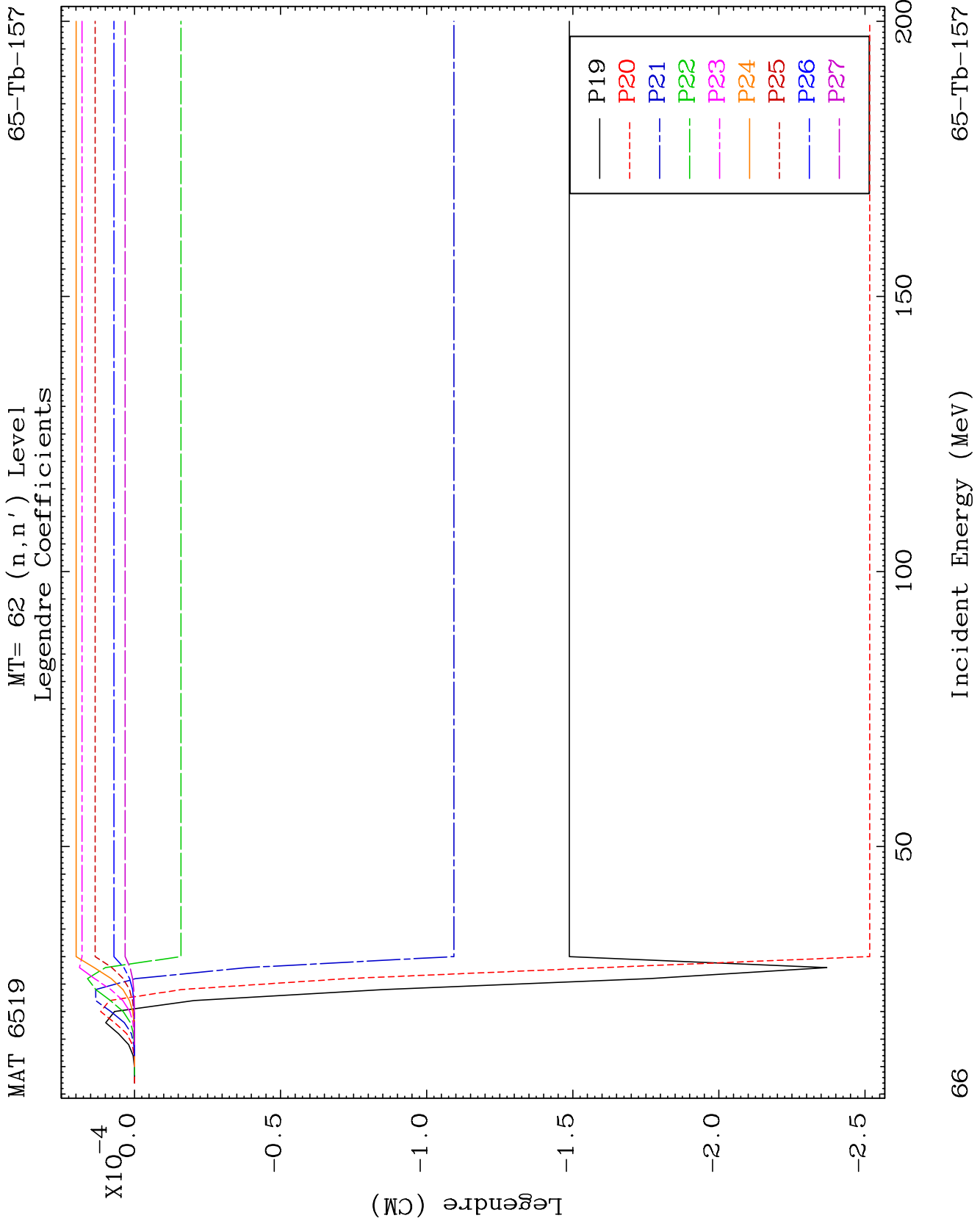
MT= 61 (n,n') Level
Legendre Coefficients

65-Tb-157



62

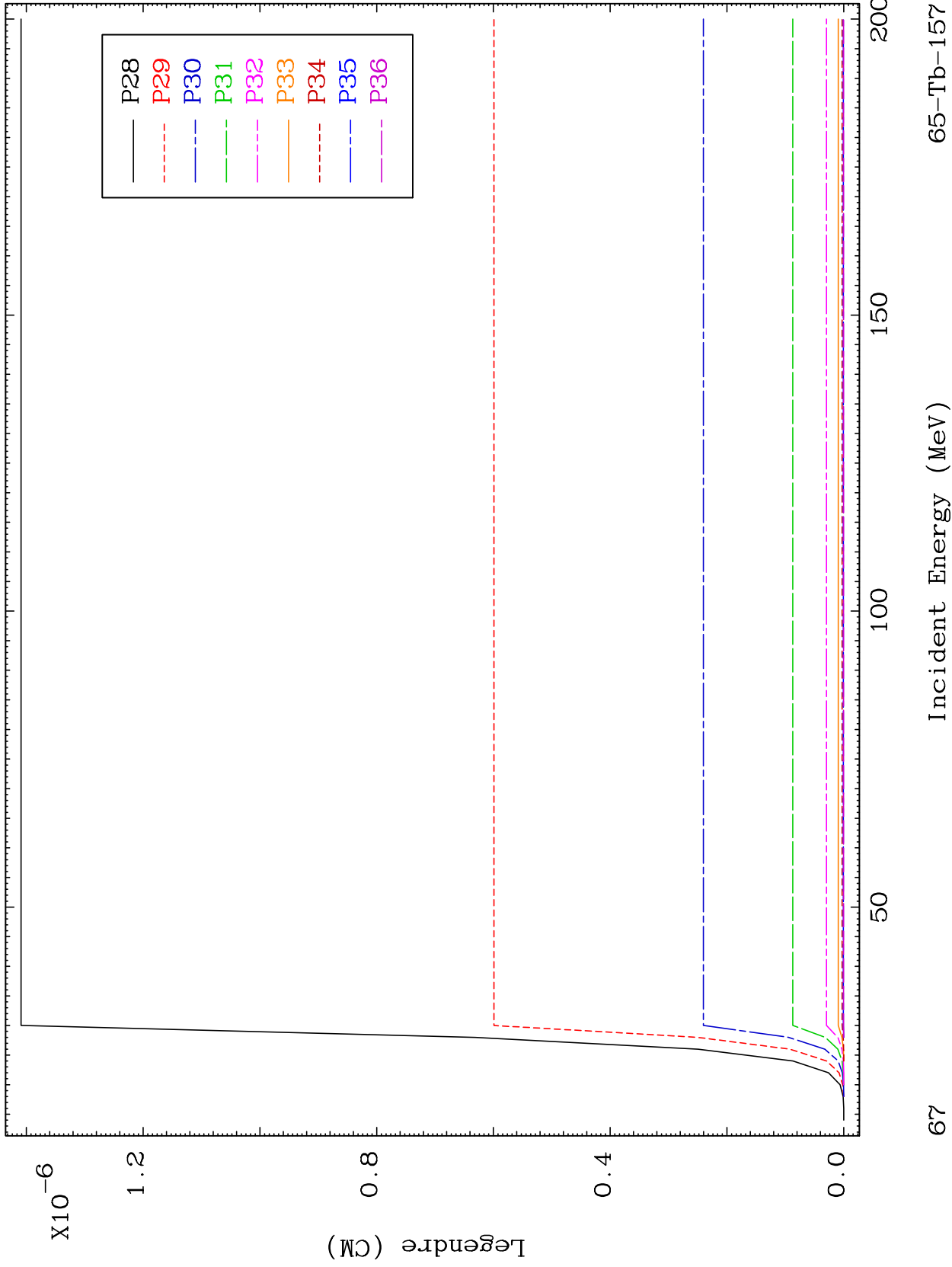




MAT 6519

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

65-Tb-157



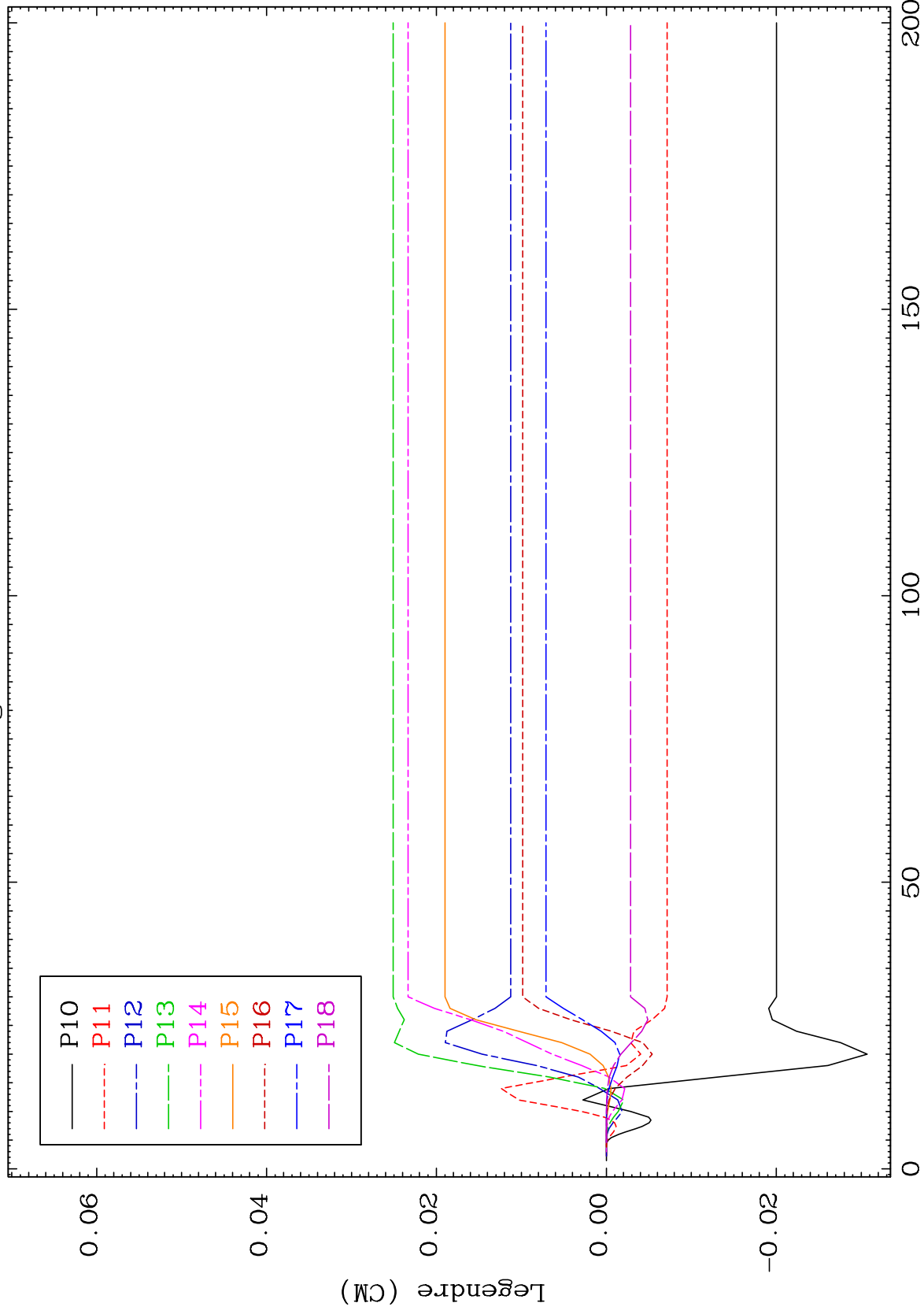
67

65-Tb-157

MAT 6519

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

65-Tb-157



69

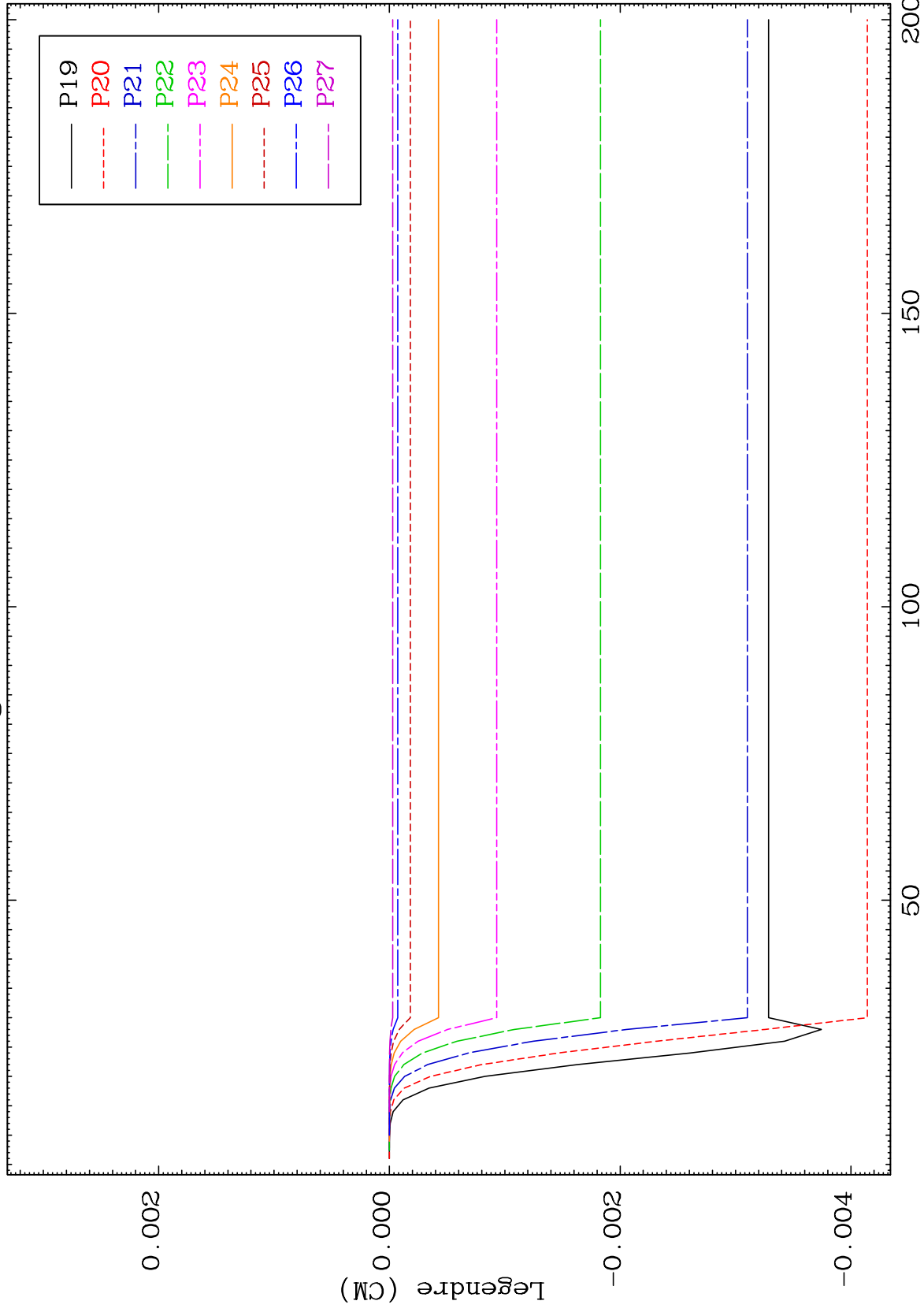
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

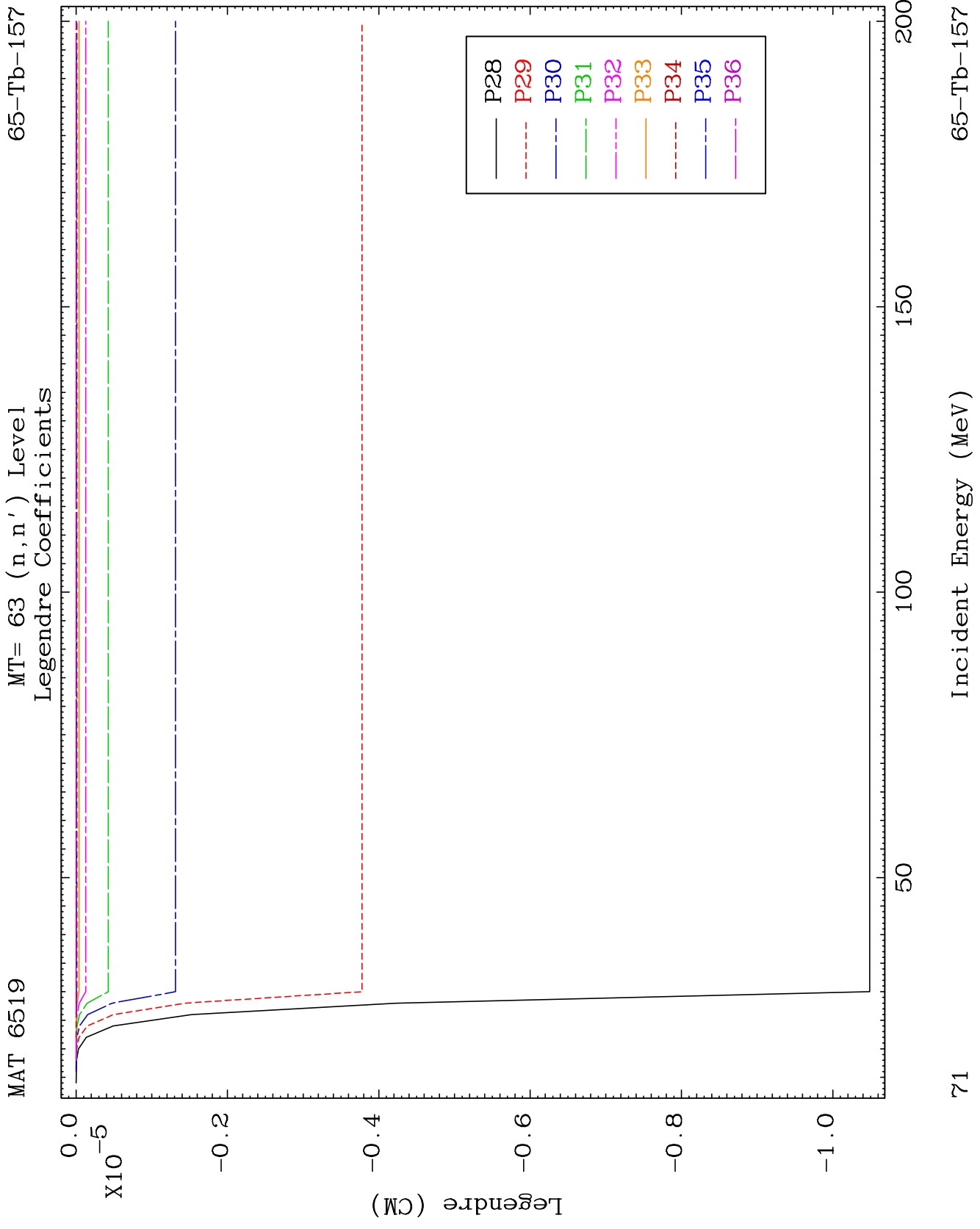
65-Tb-157



70

Incident Energy (MeV)

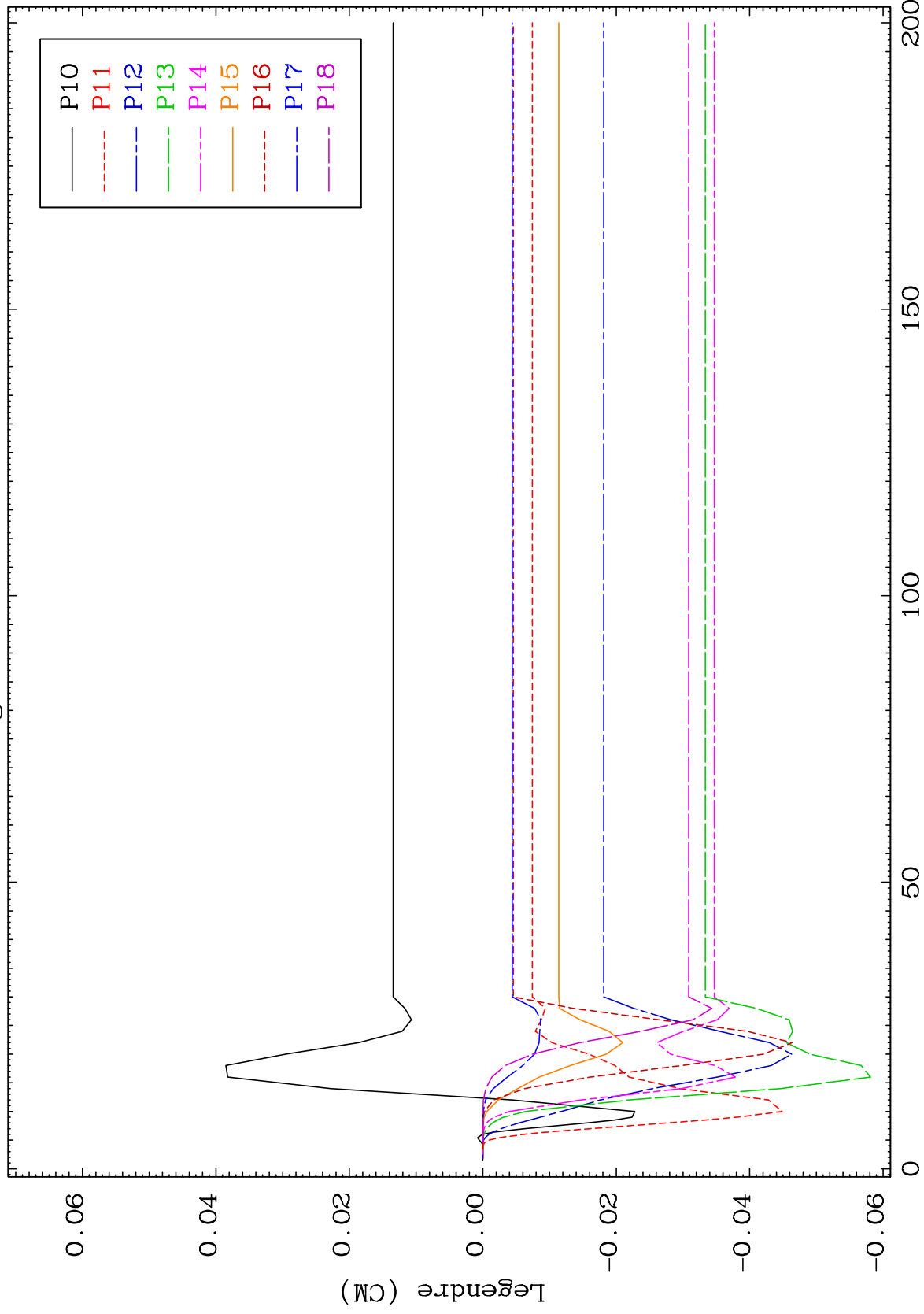
65-Tb-157



MAT 6519

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

65-Tb-157



73

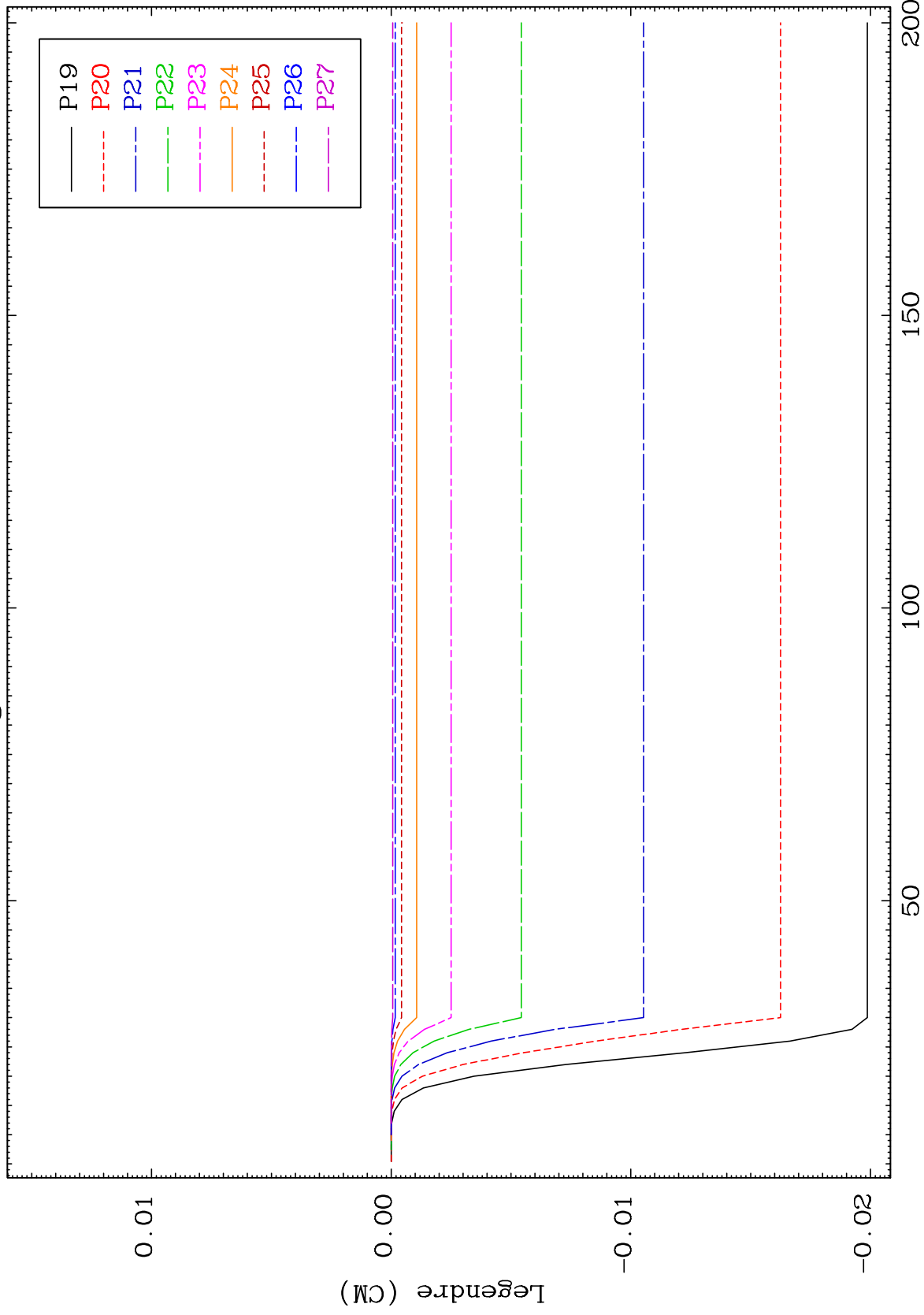
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

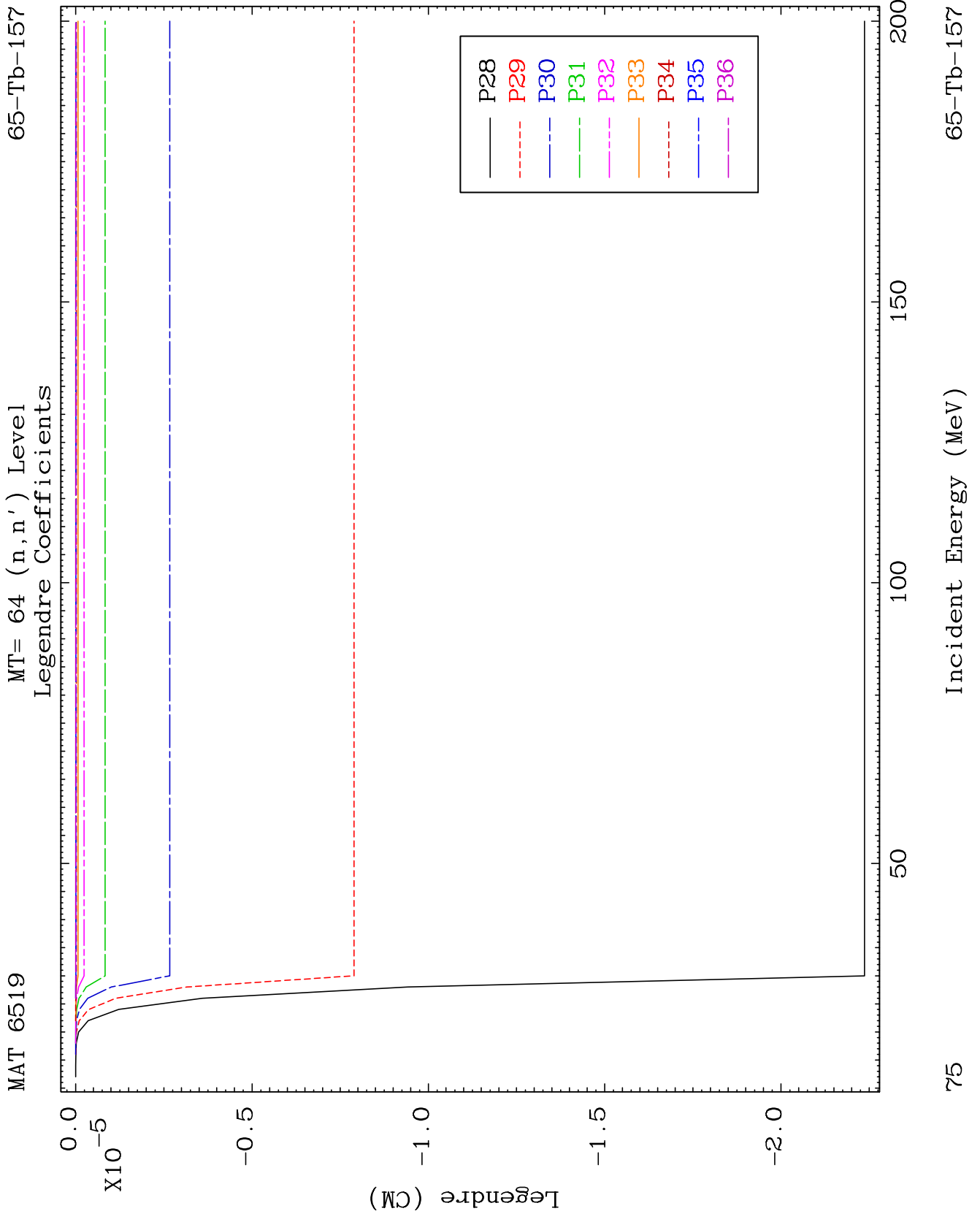
65-Tb-157



74

Incident Energy (MeV)

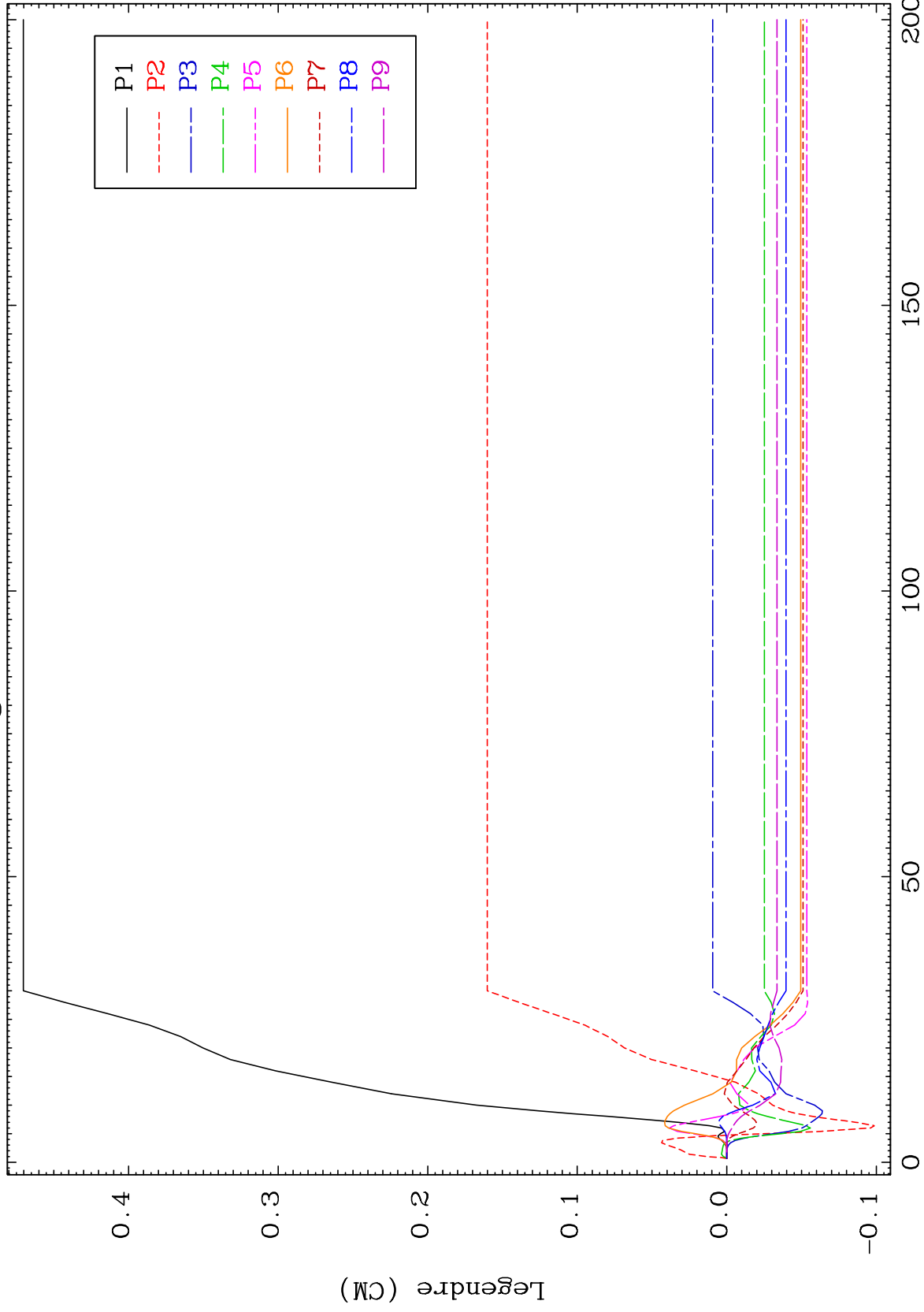
65-Tb-157



MAT 6519

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

65-Tb-157



76

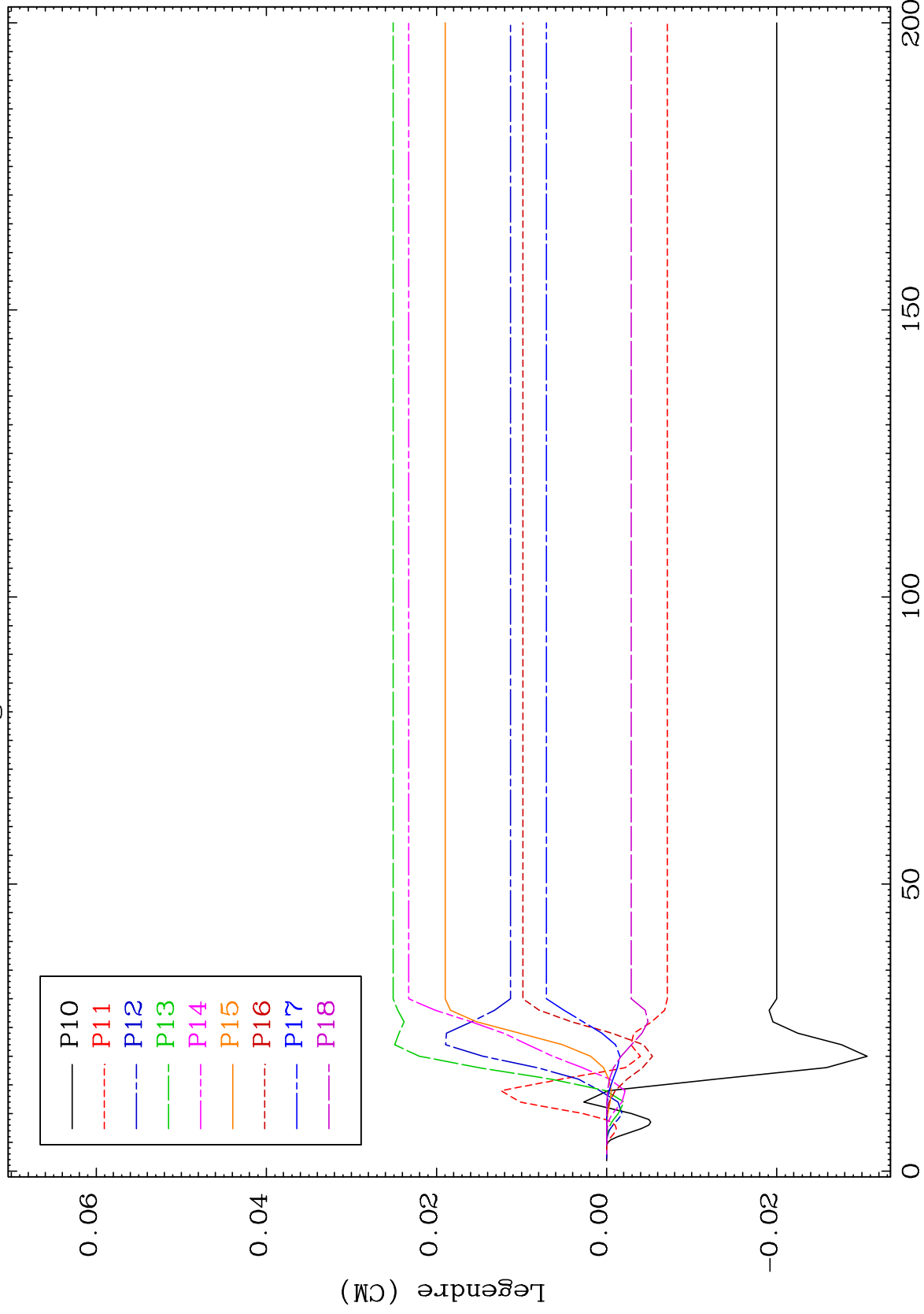
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



77

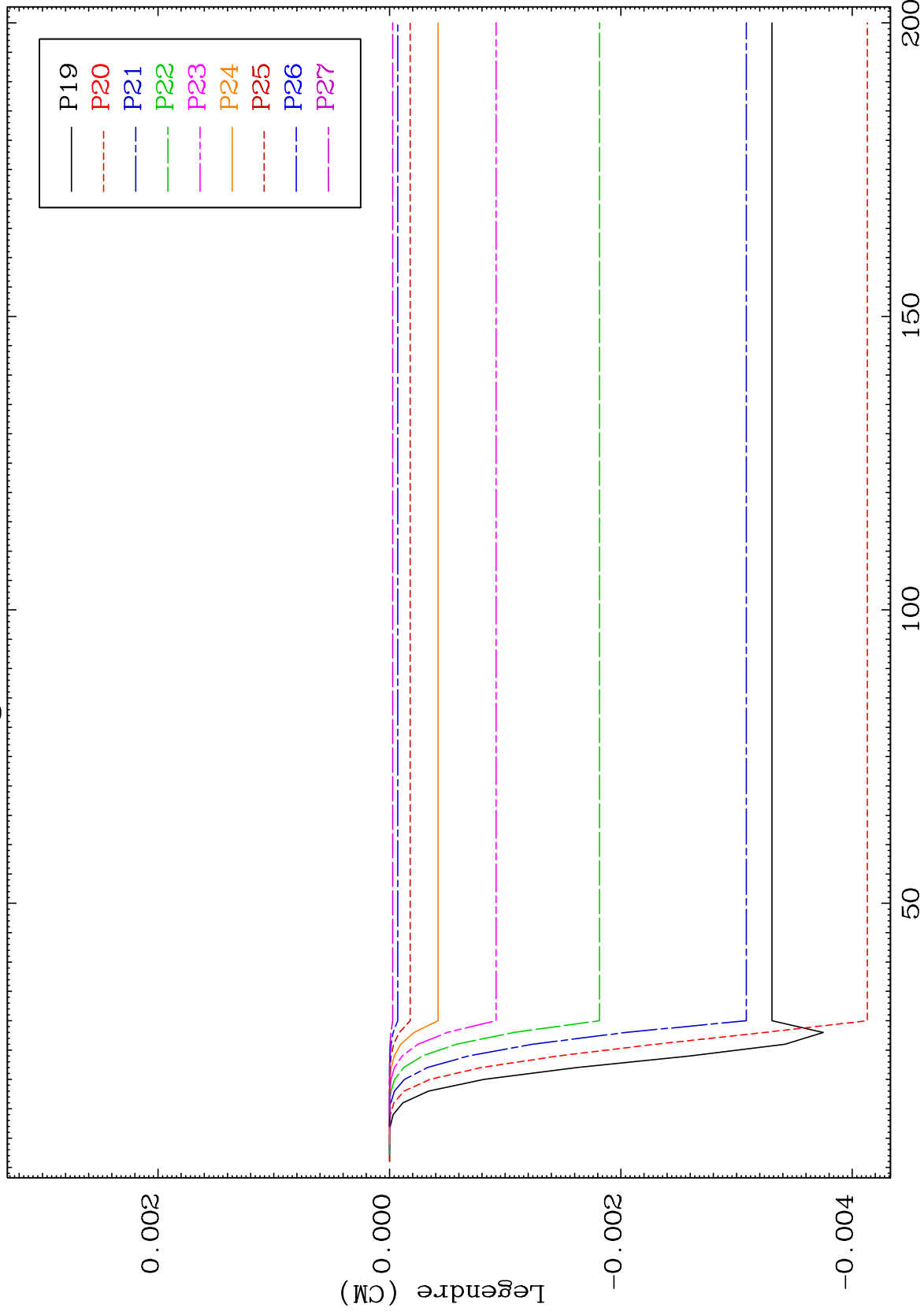
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

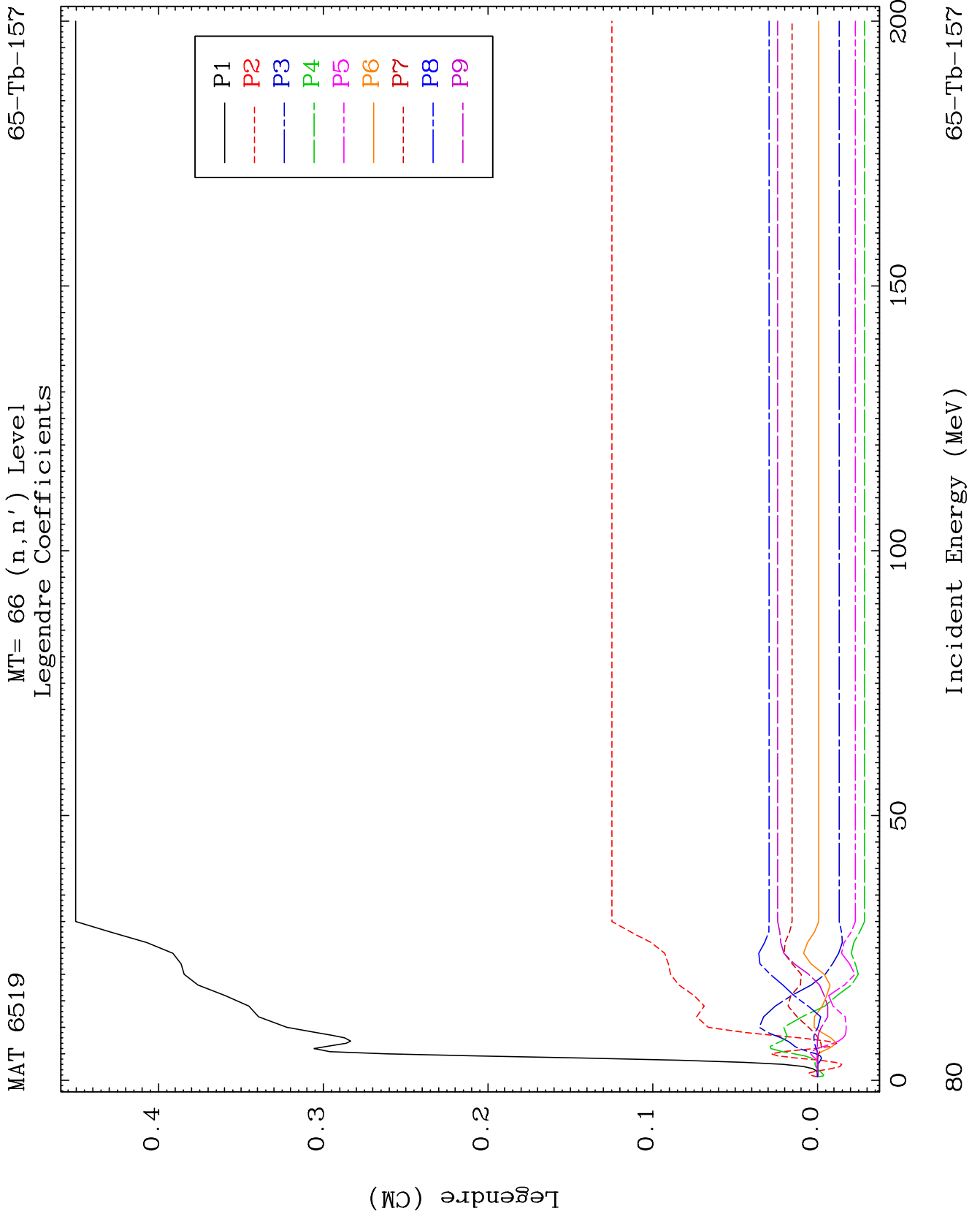
65-Tb-157



78

Incident Energy (MeV)

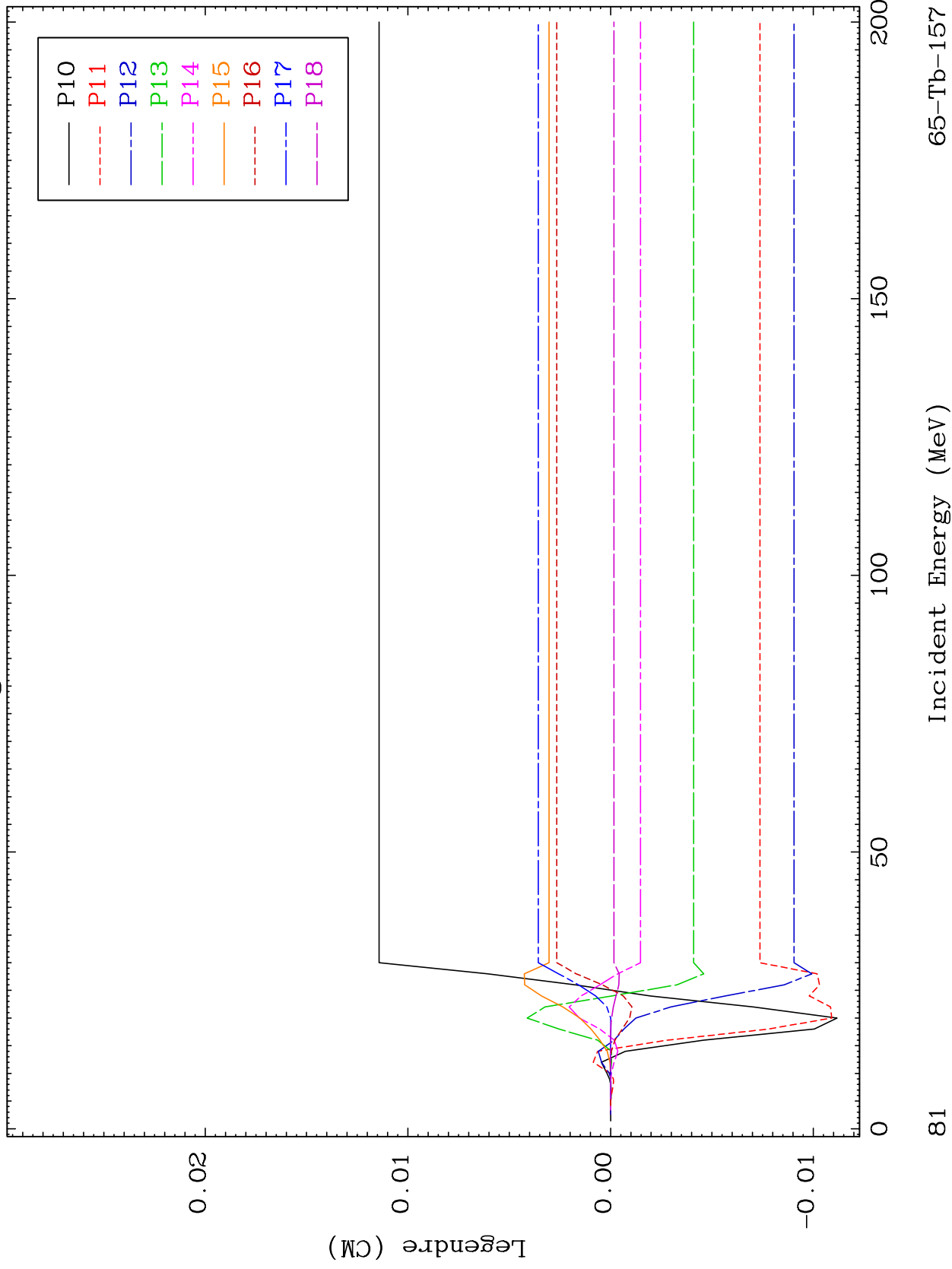
65-Tb-157



MAT 6519

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

65-Tb-157



81

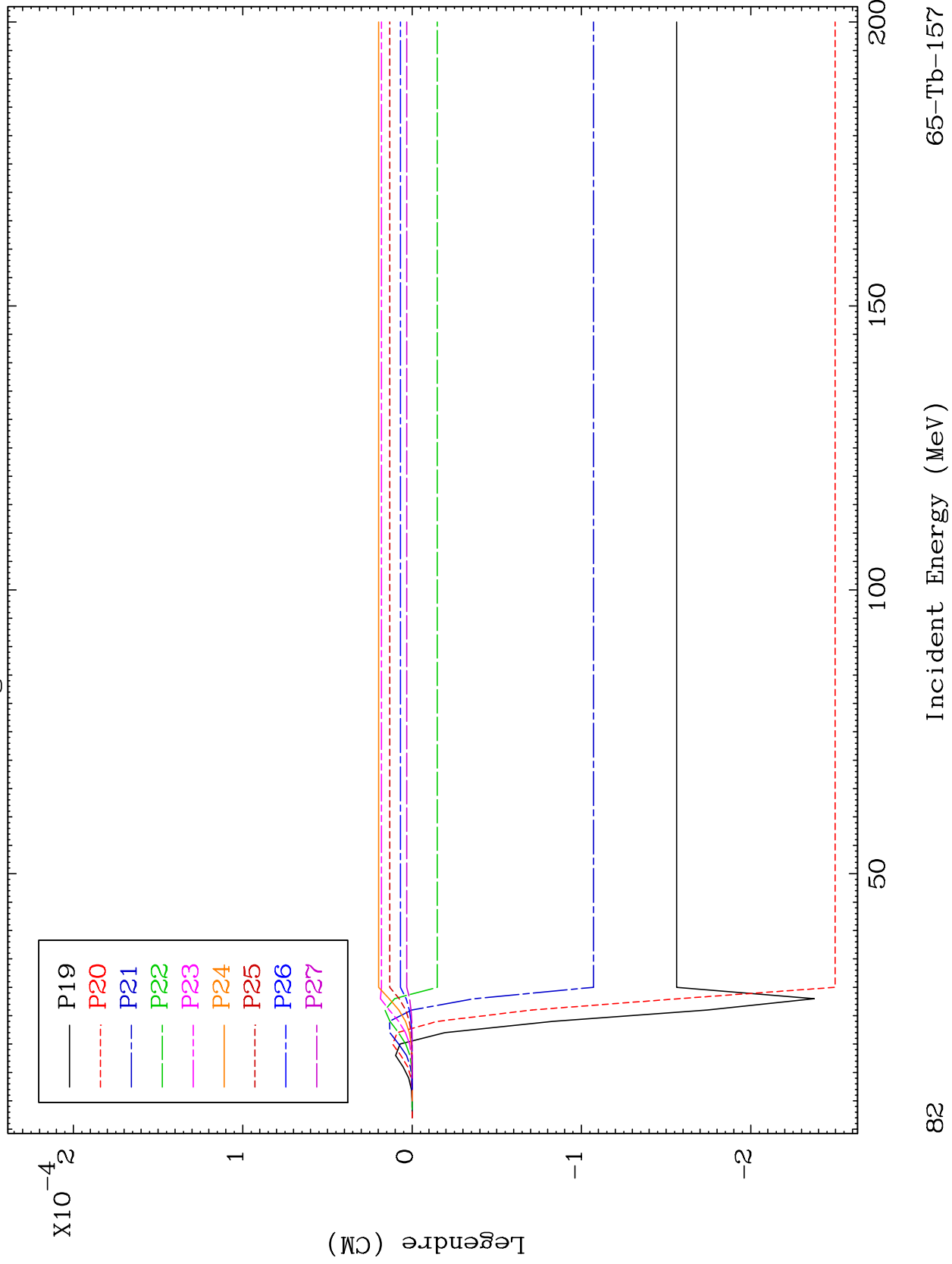
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157

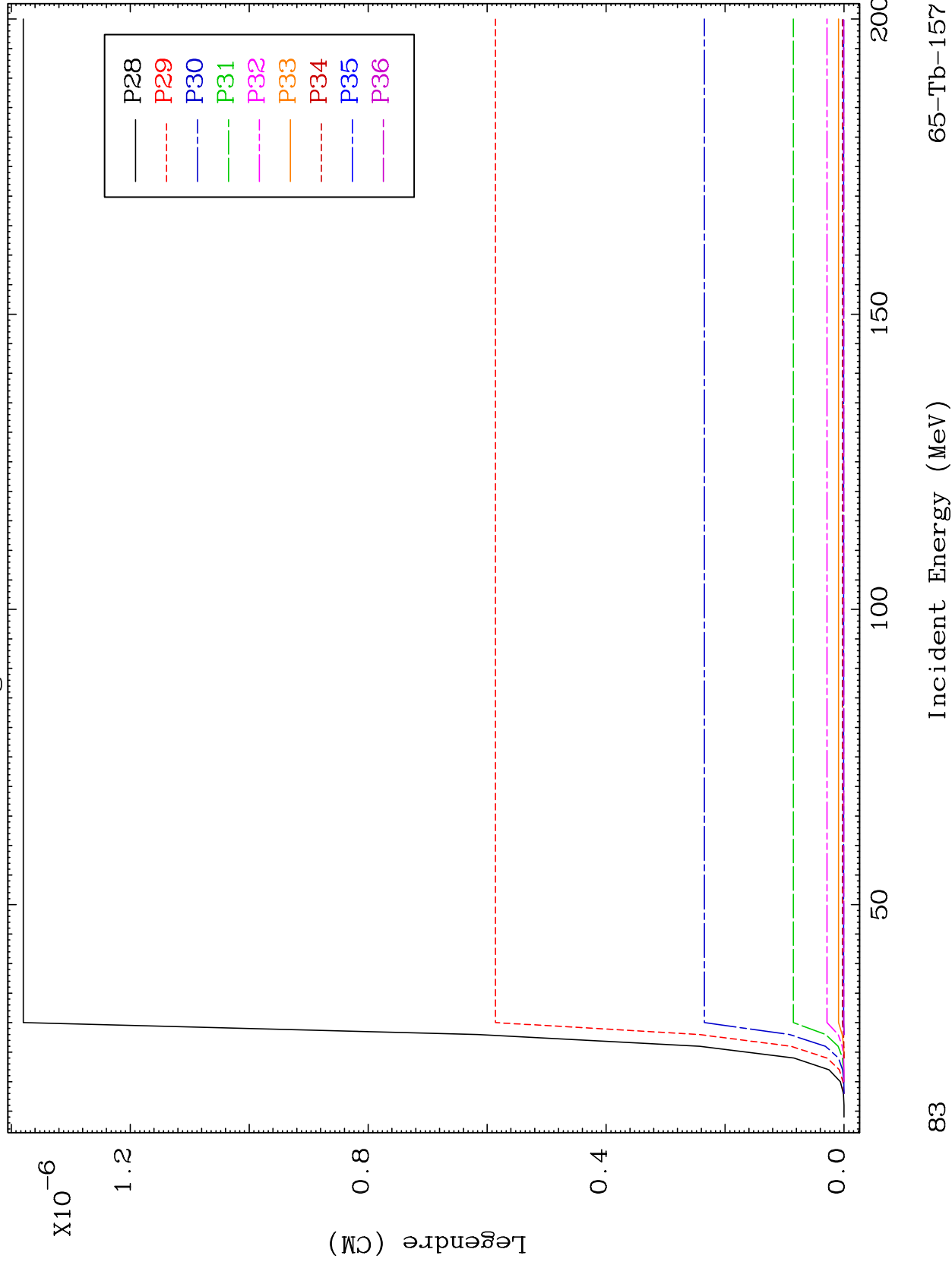


82

MAT 6519

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

65-Tb-157

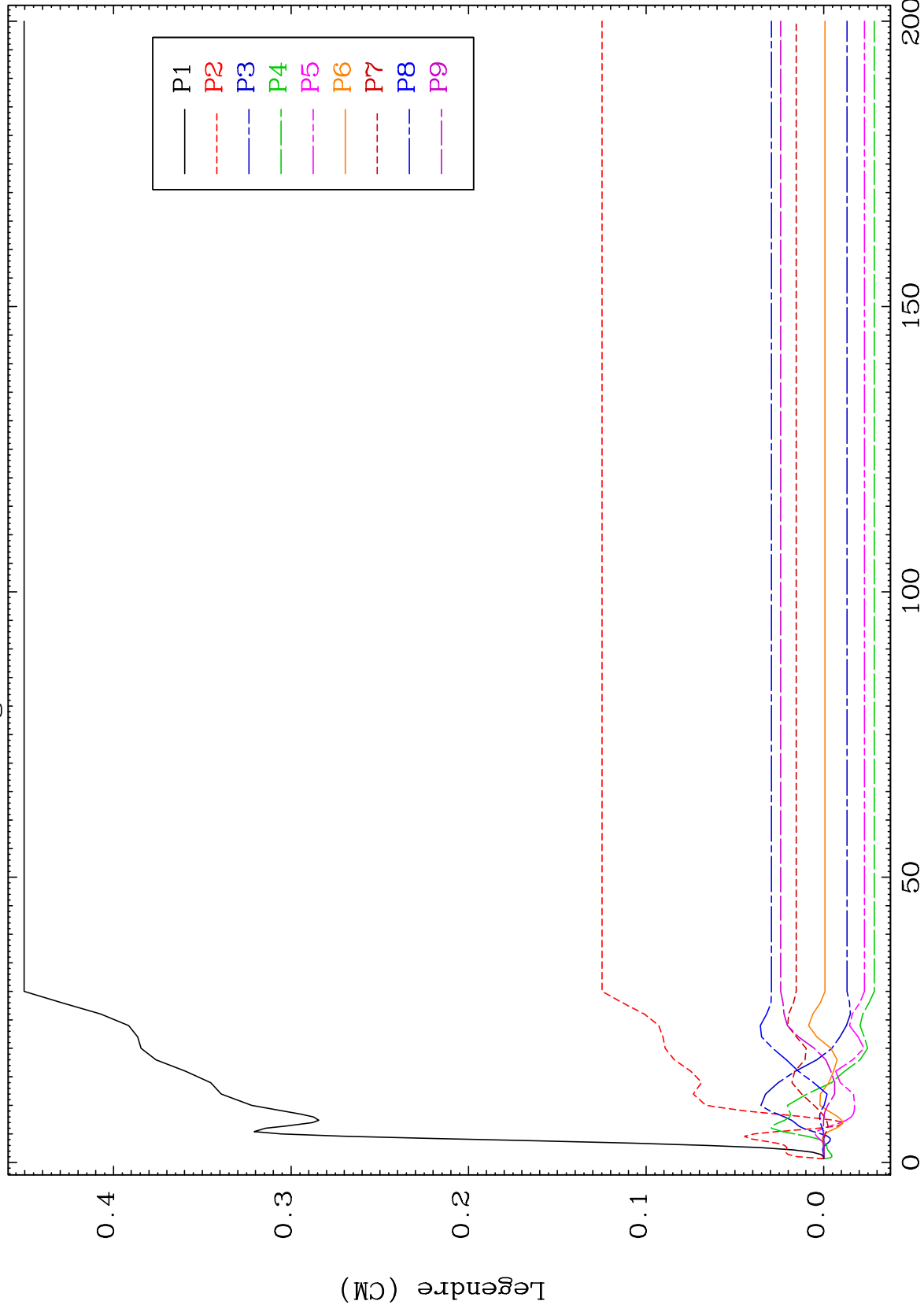


83

MAT 6519

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

65-Tb-157



84

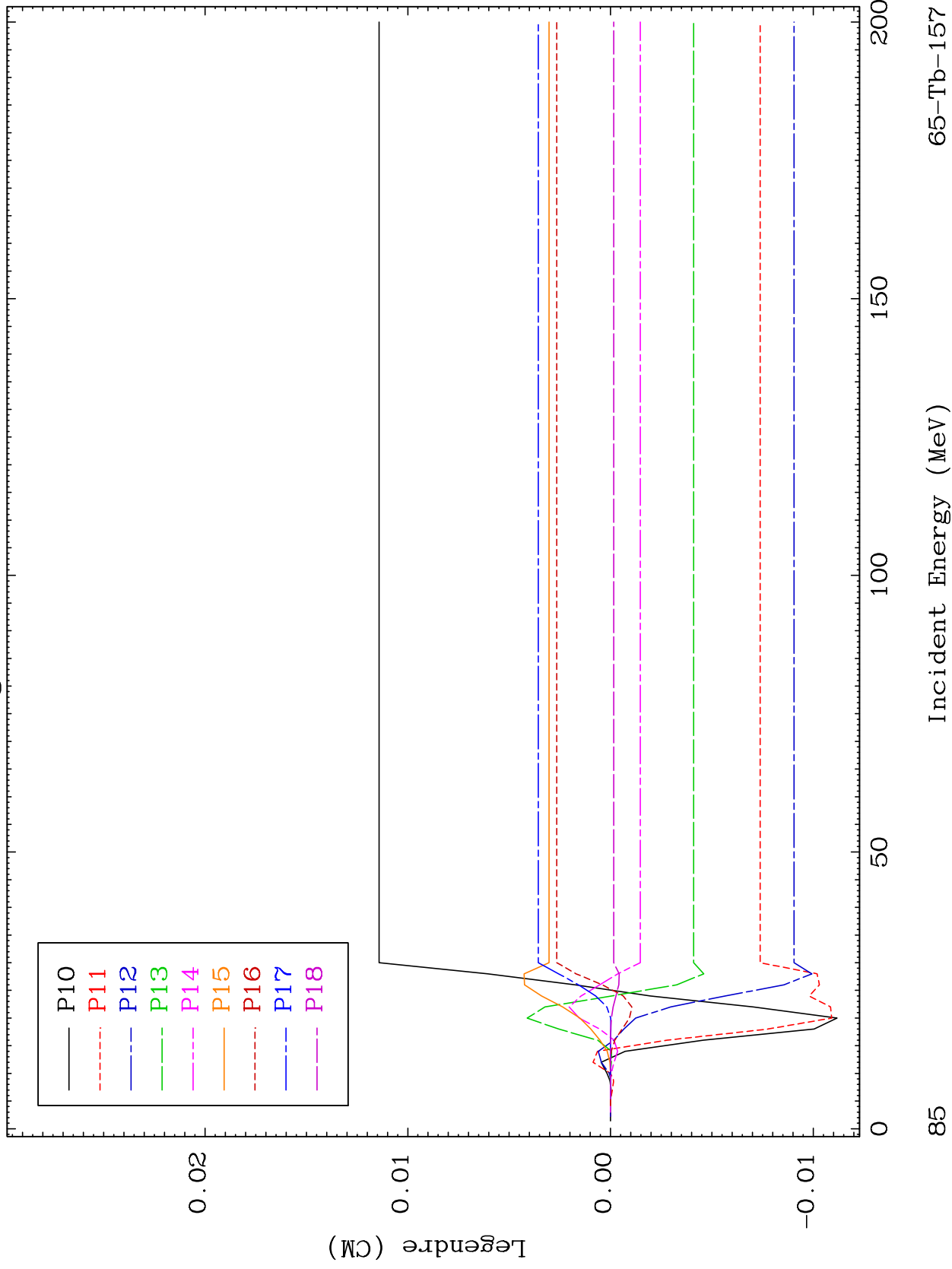
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



65-Tb-157

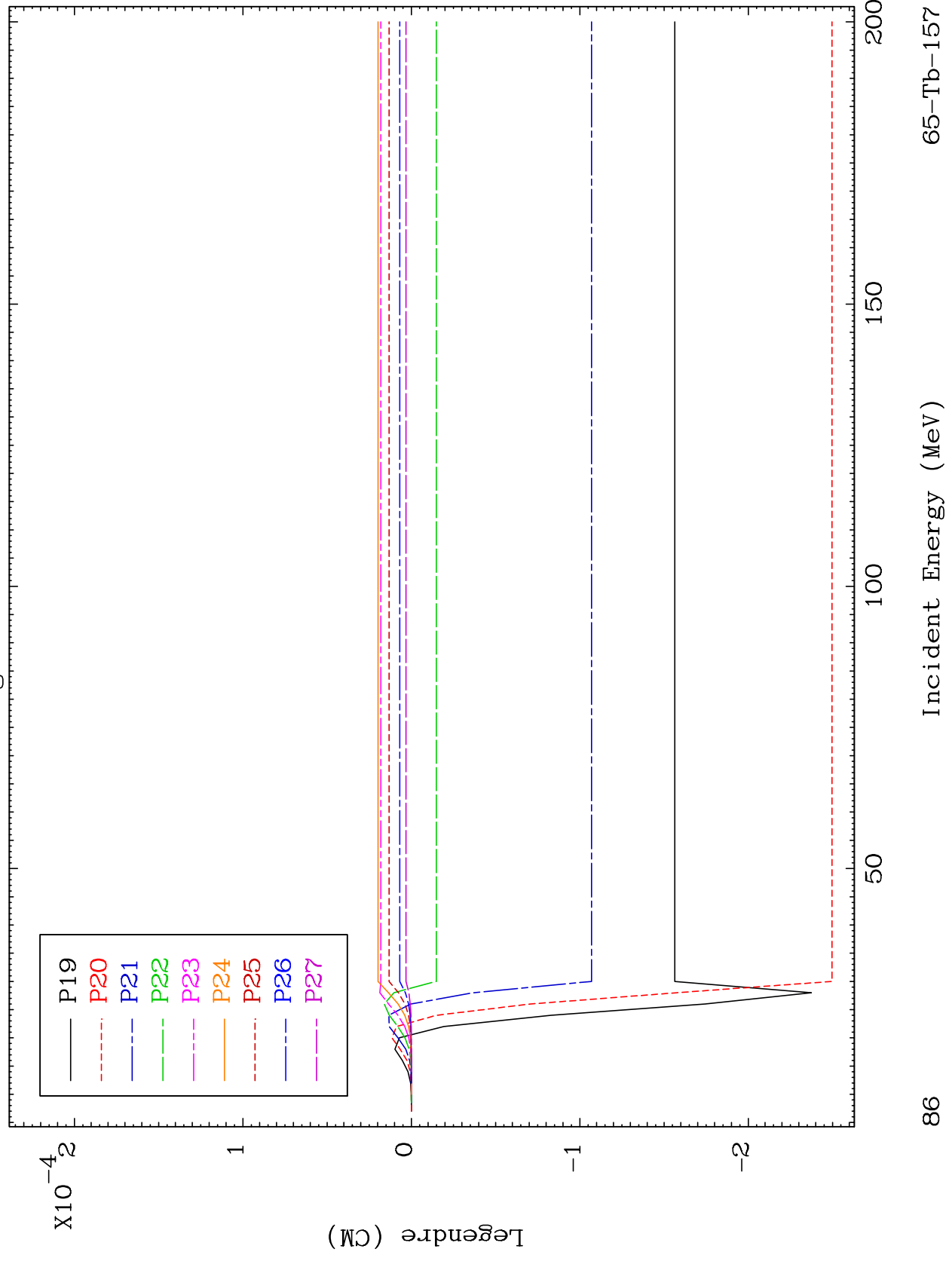
Incident Energy (MeV)

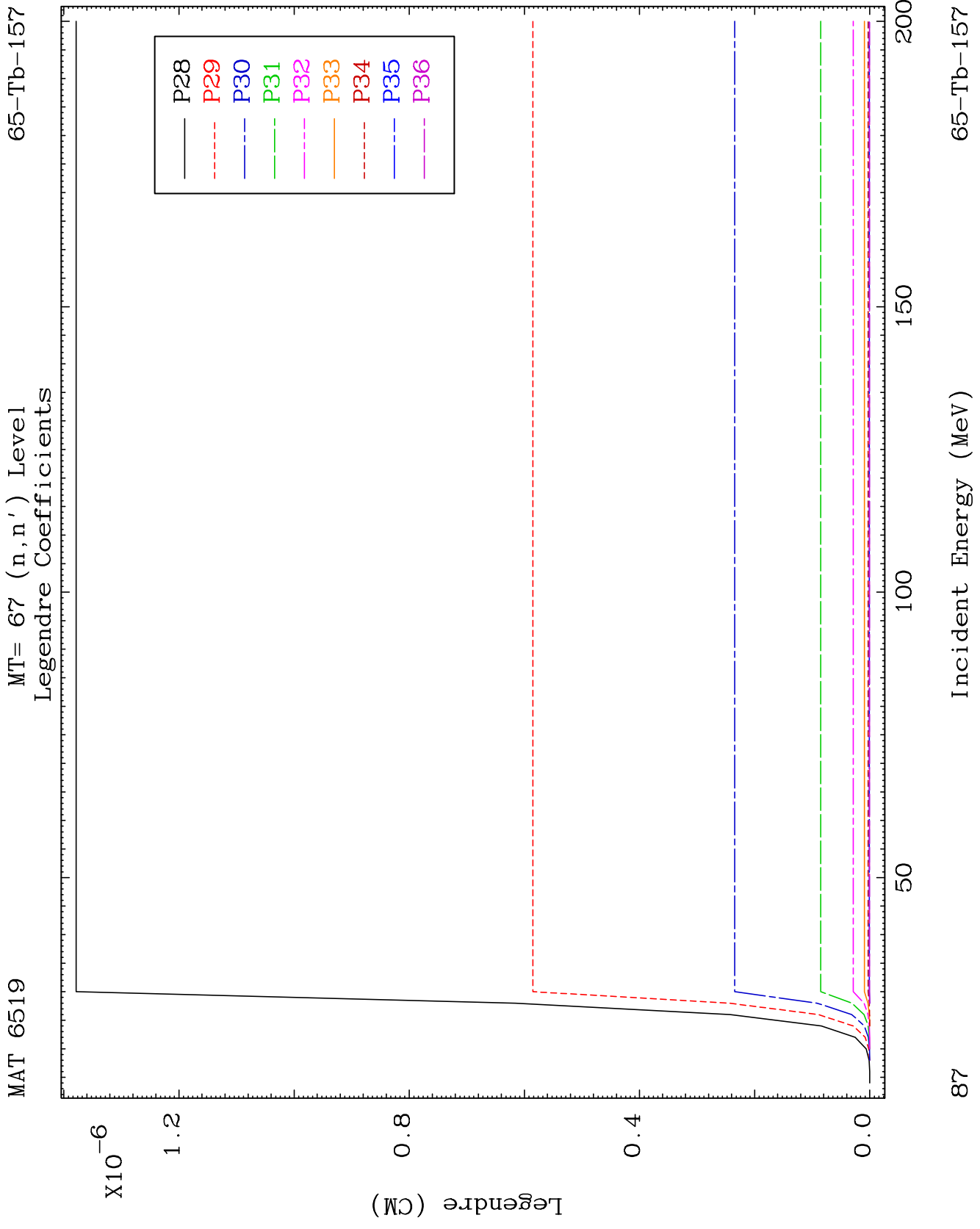
85

MAT 6519

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

65-Tb-157

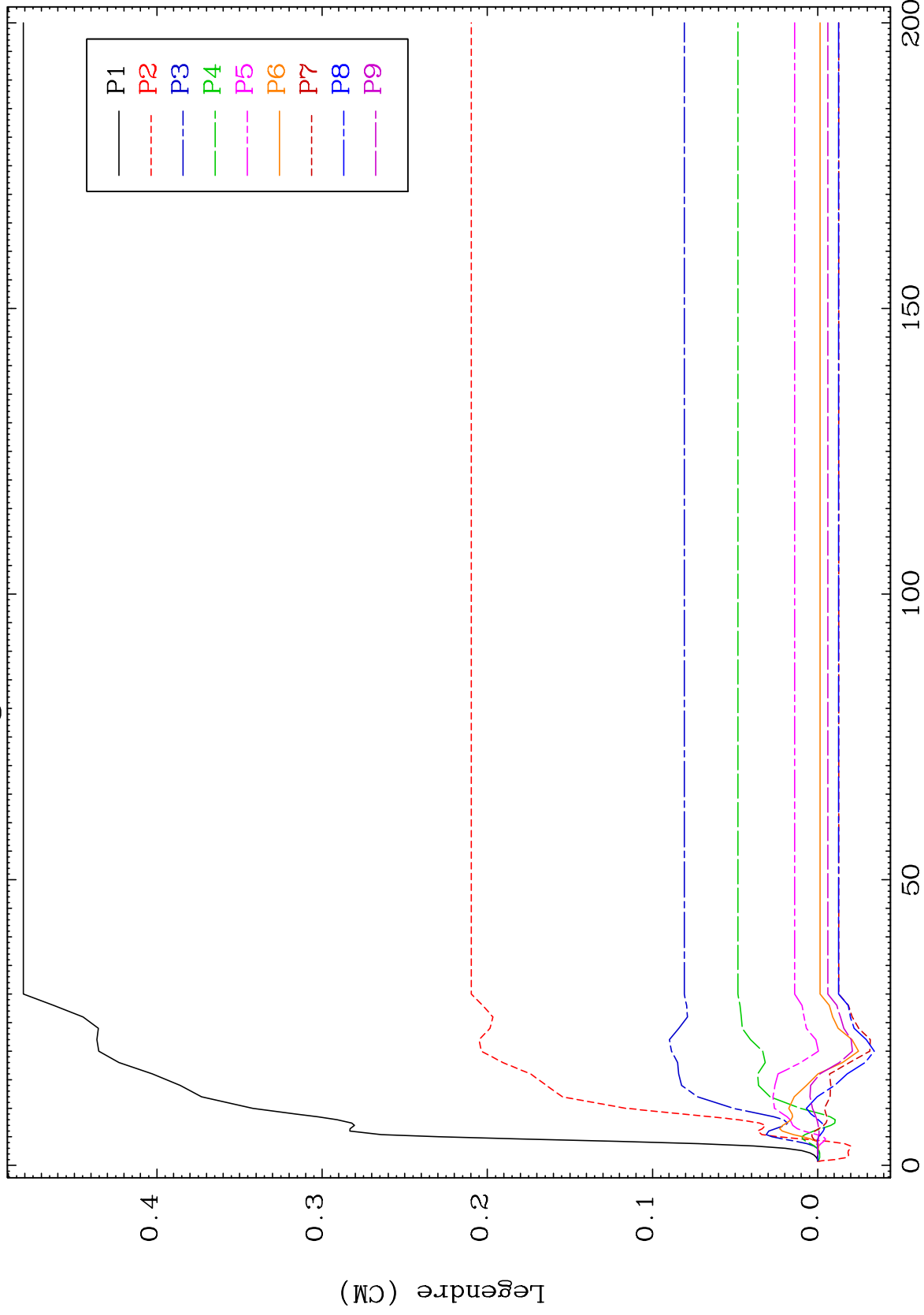




MAT 6519

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

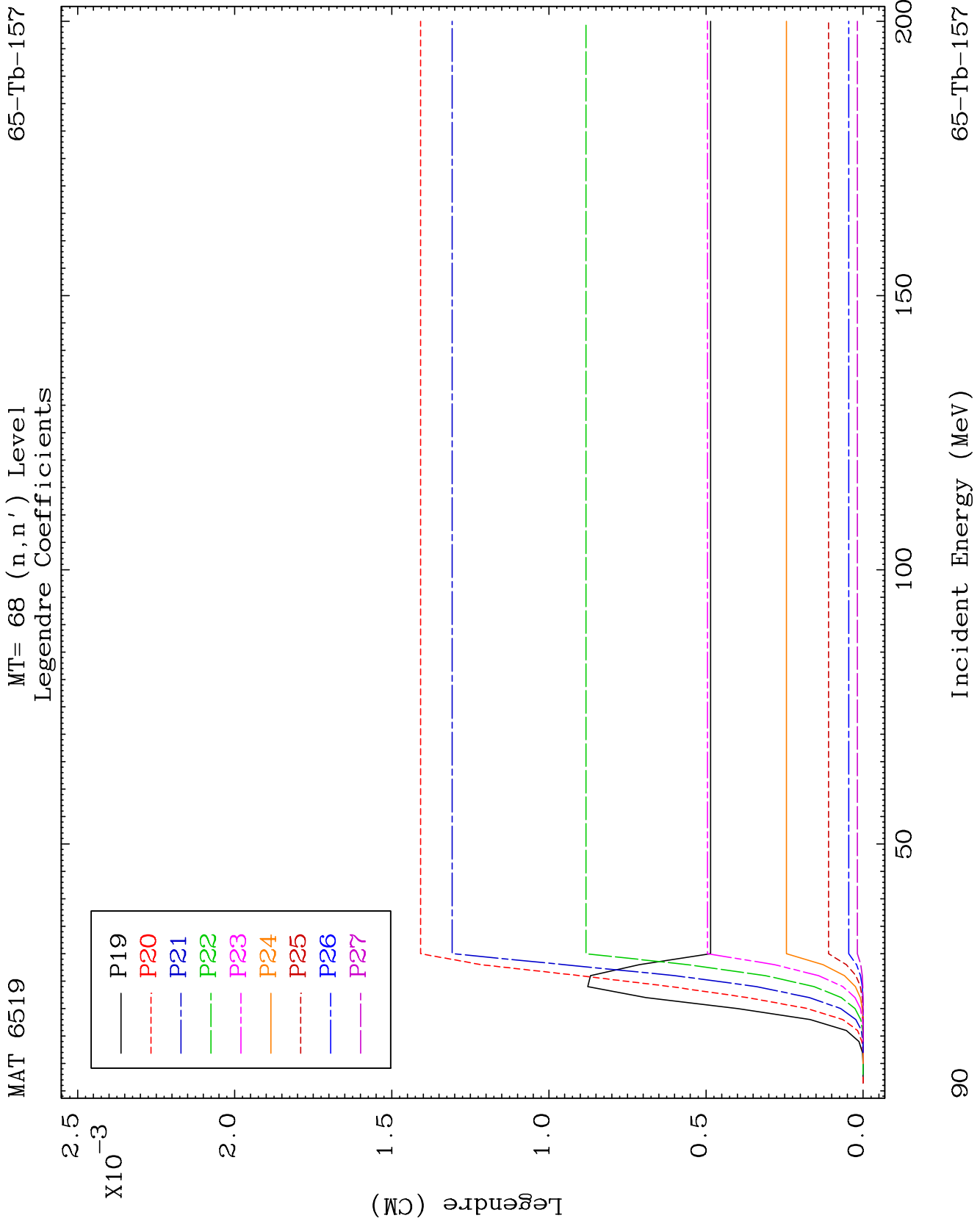
65-Tb-157

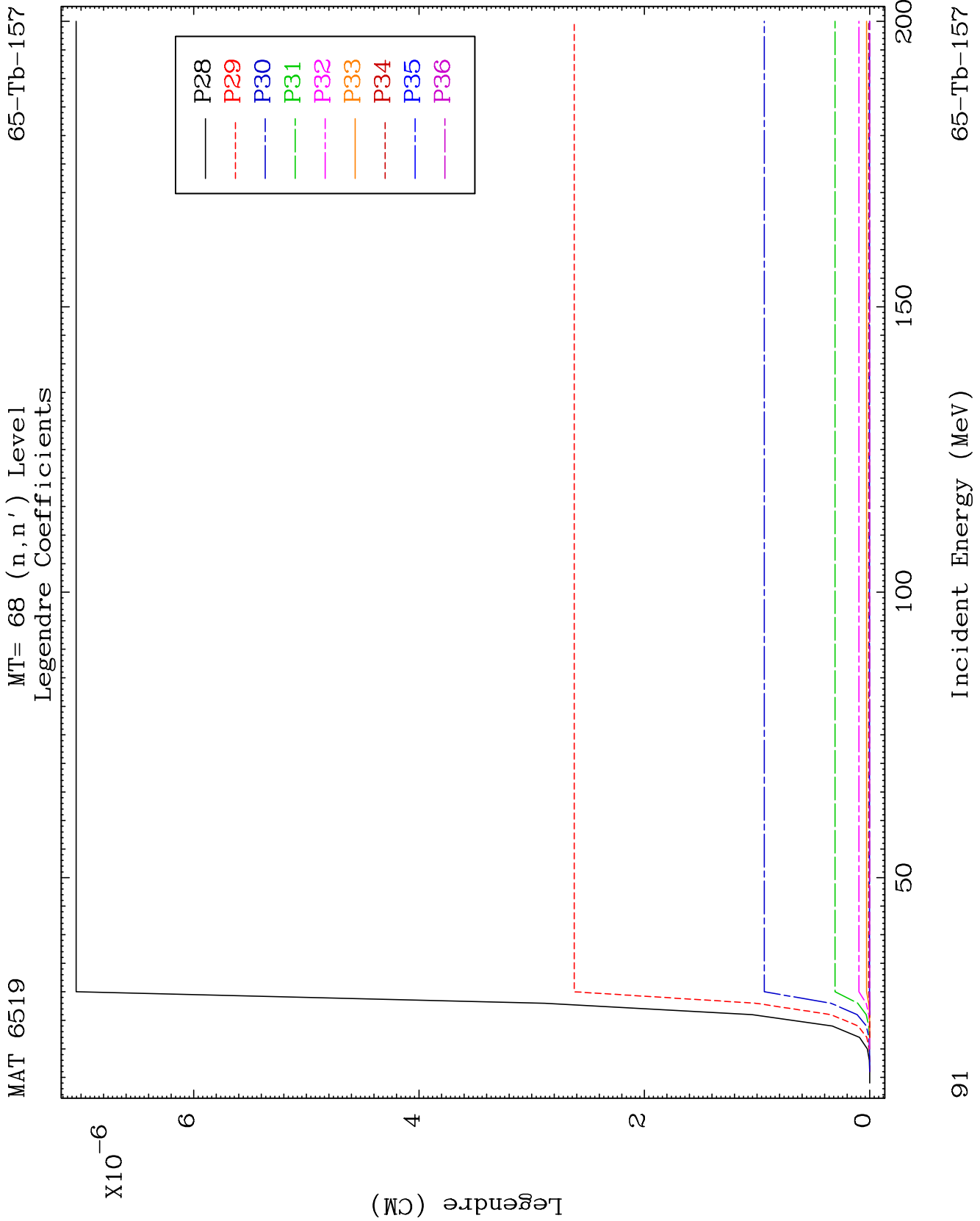


65-Tb-157

Incident Energy (MeV)

88

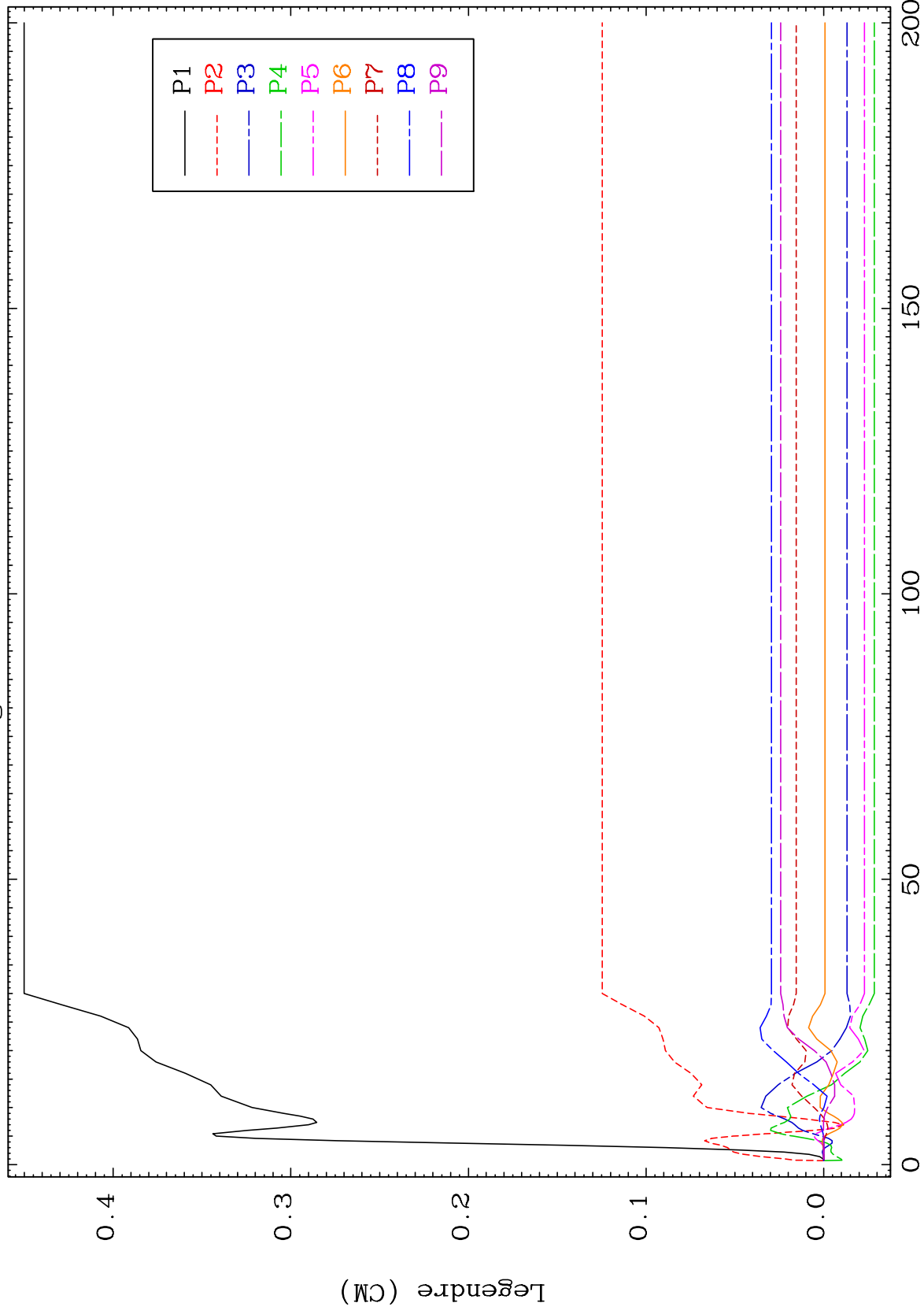




MAT 6519

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

65-Tb-157



92

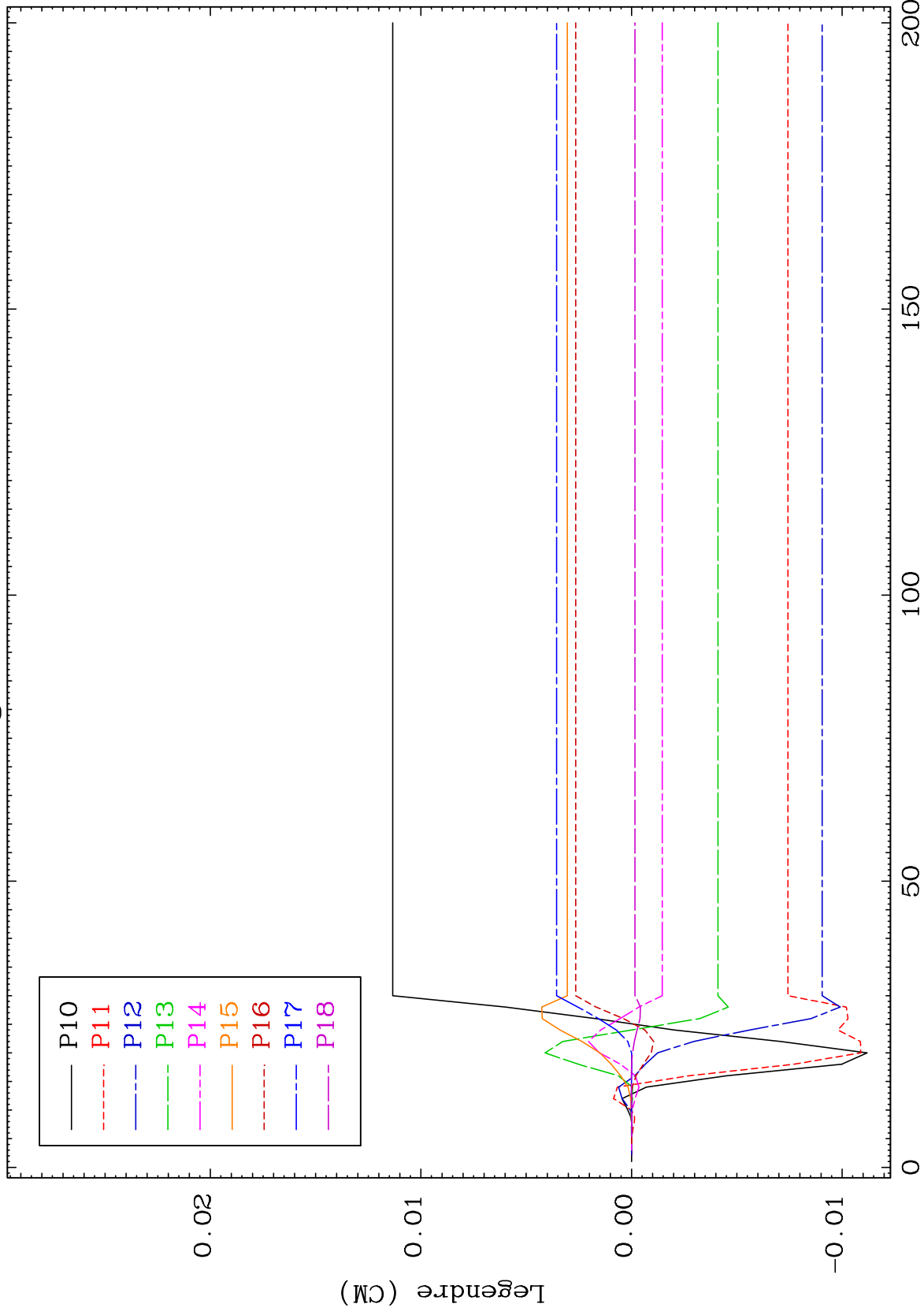
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

65-Tb-157



93

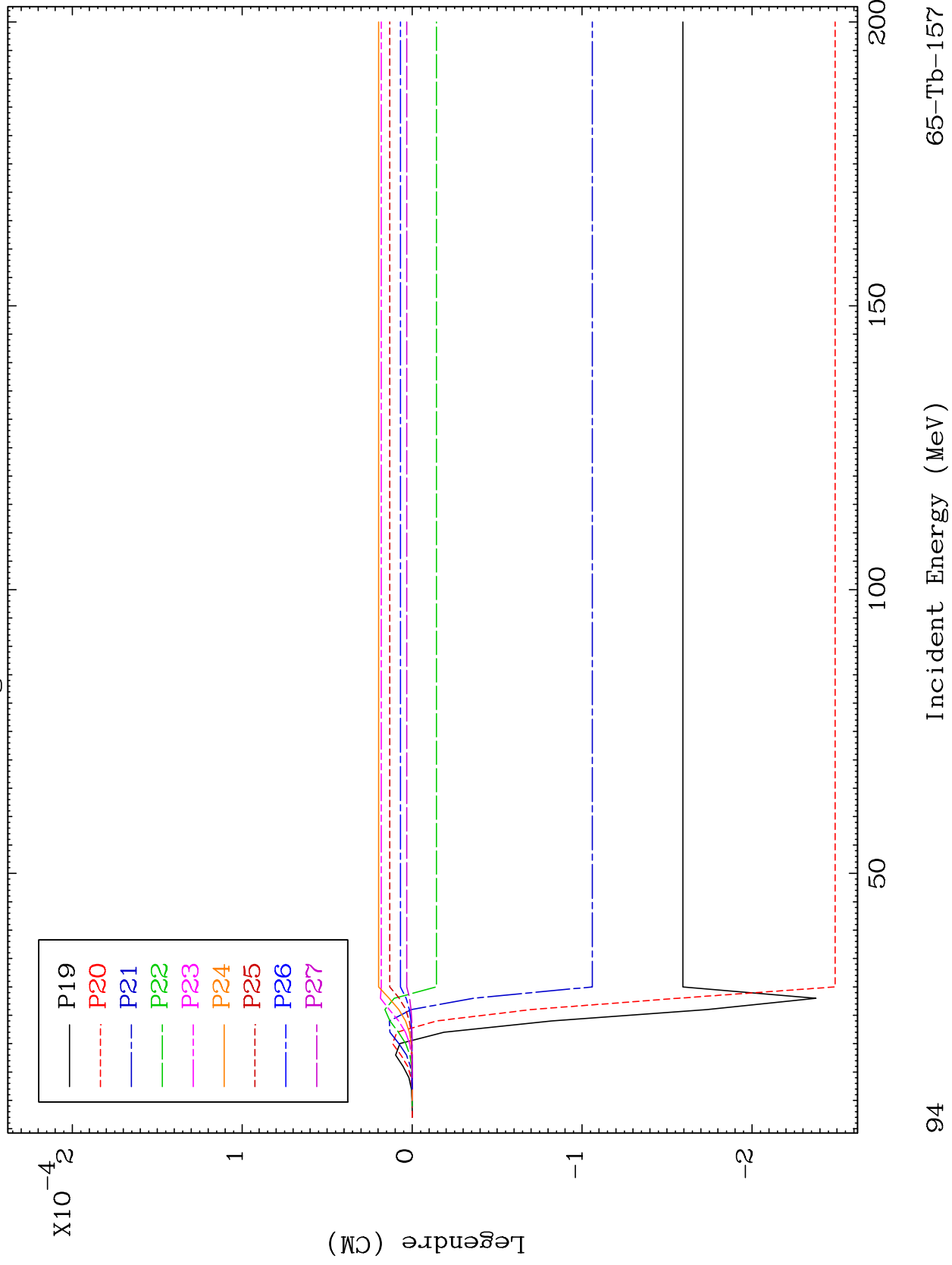
Incident Energy (MeV)

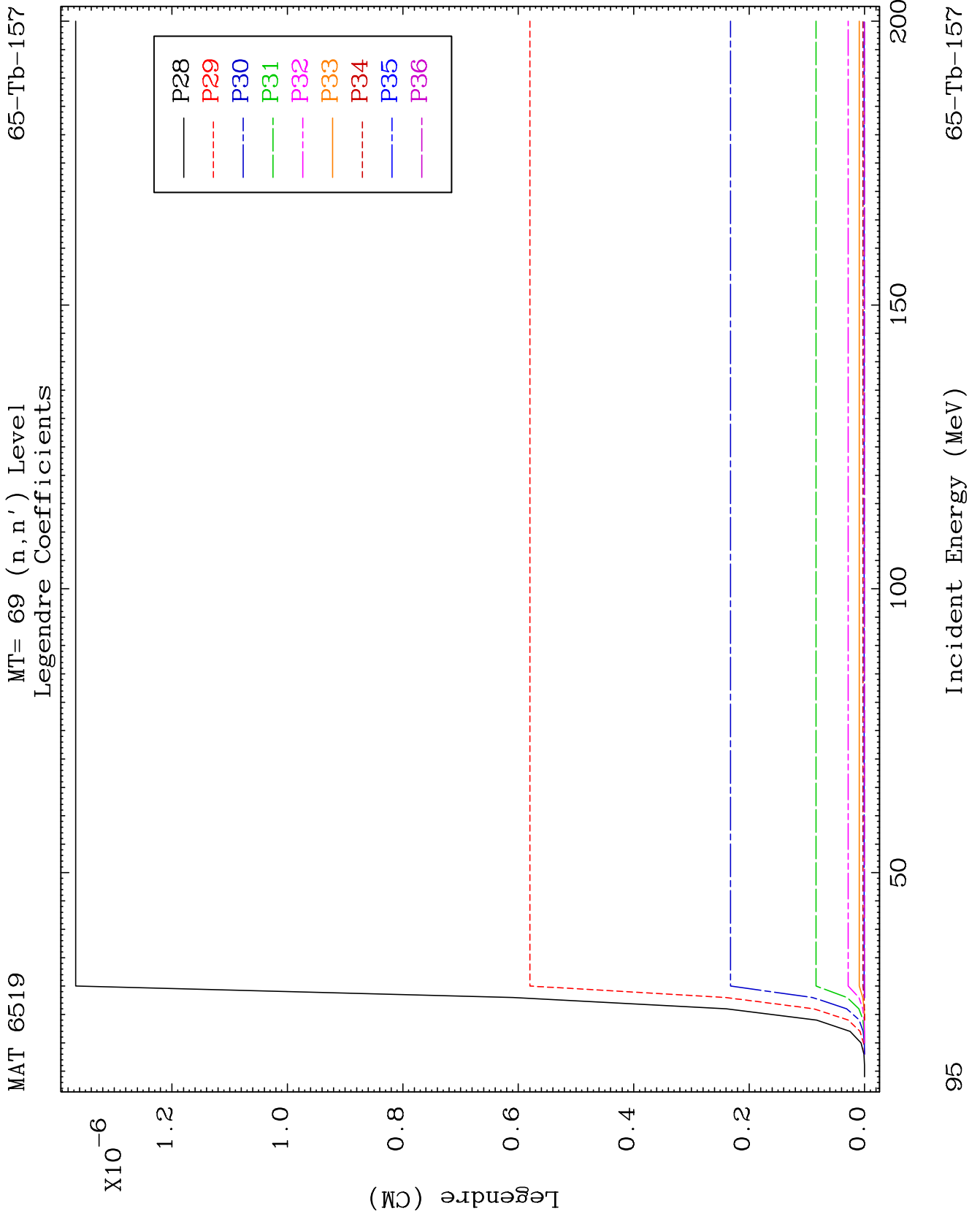
65-Tb-157

MAT 6519

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

65-Tb-157

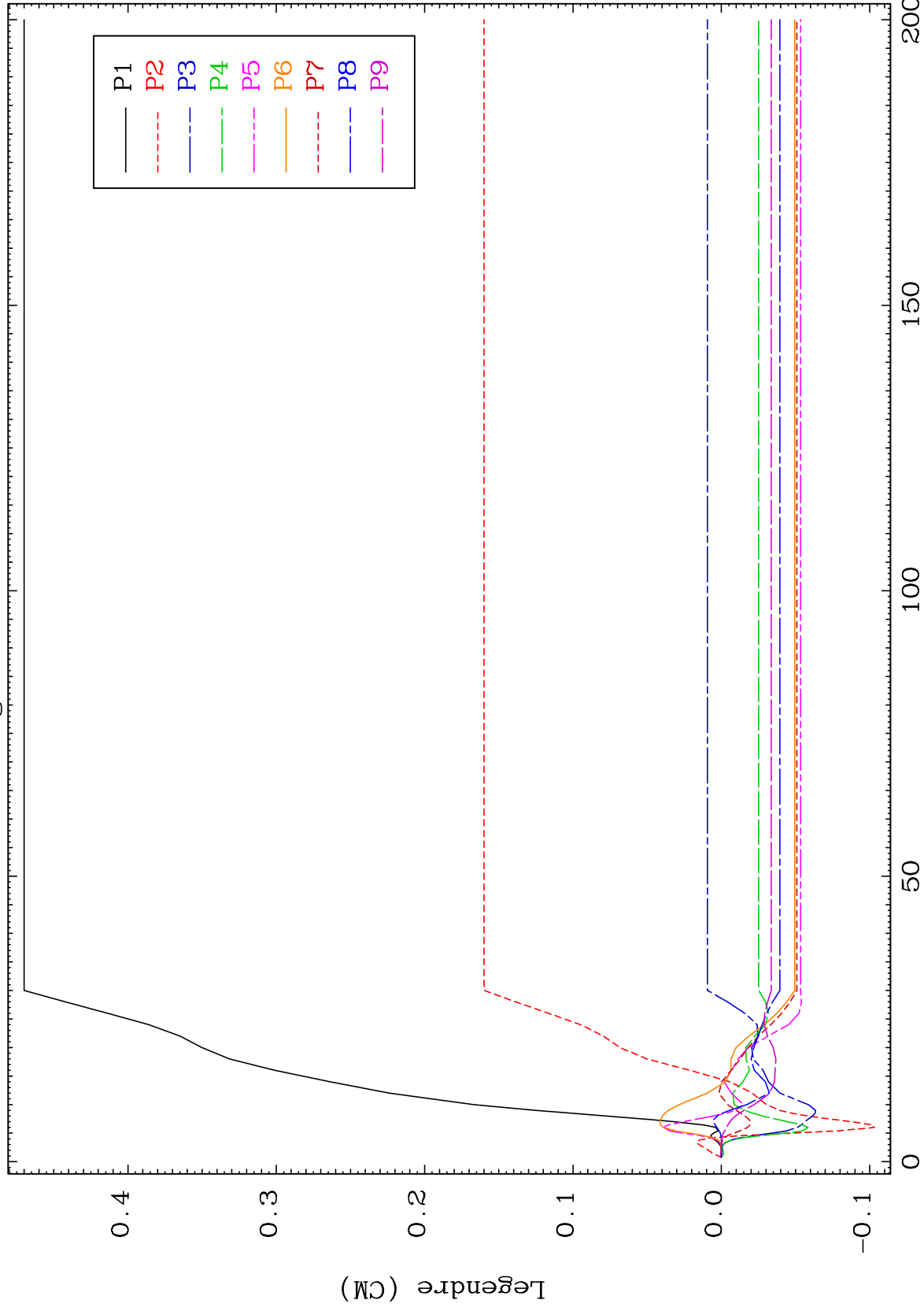




MAT 6519

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

65-Tb-157



96

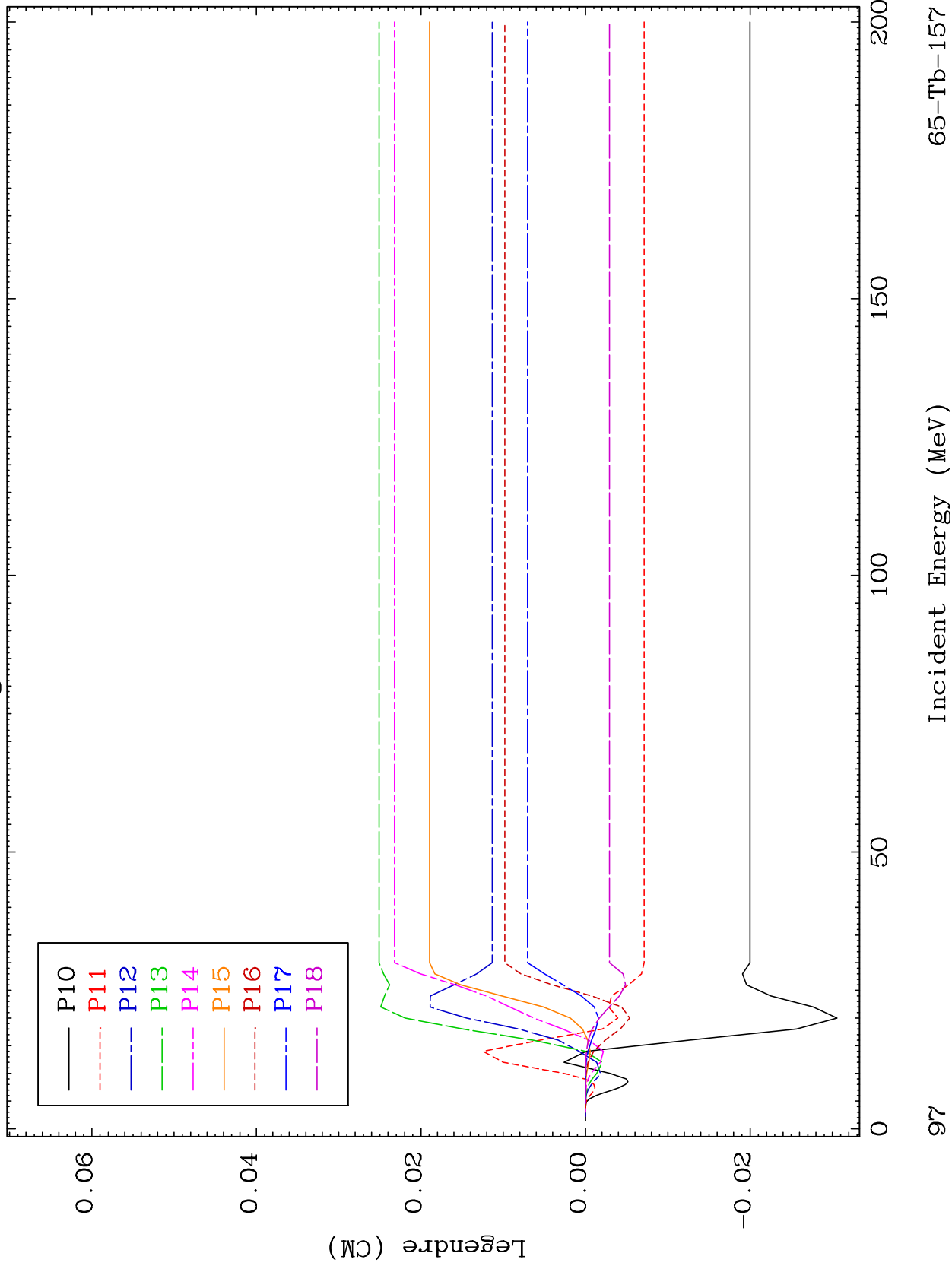
Incident Energy (MeV)

65-Tb-157

MAT 6519

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

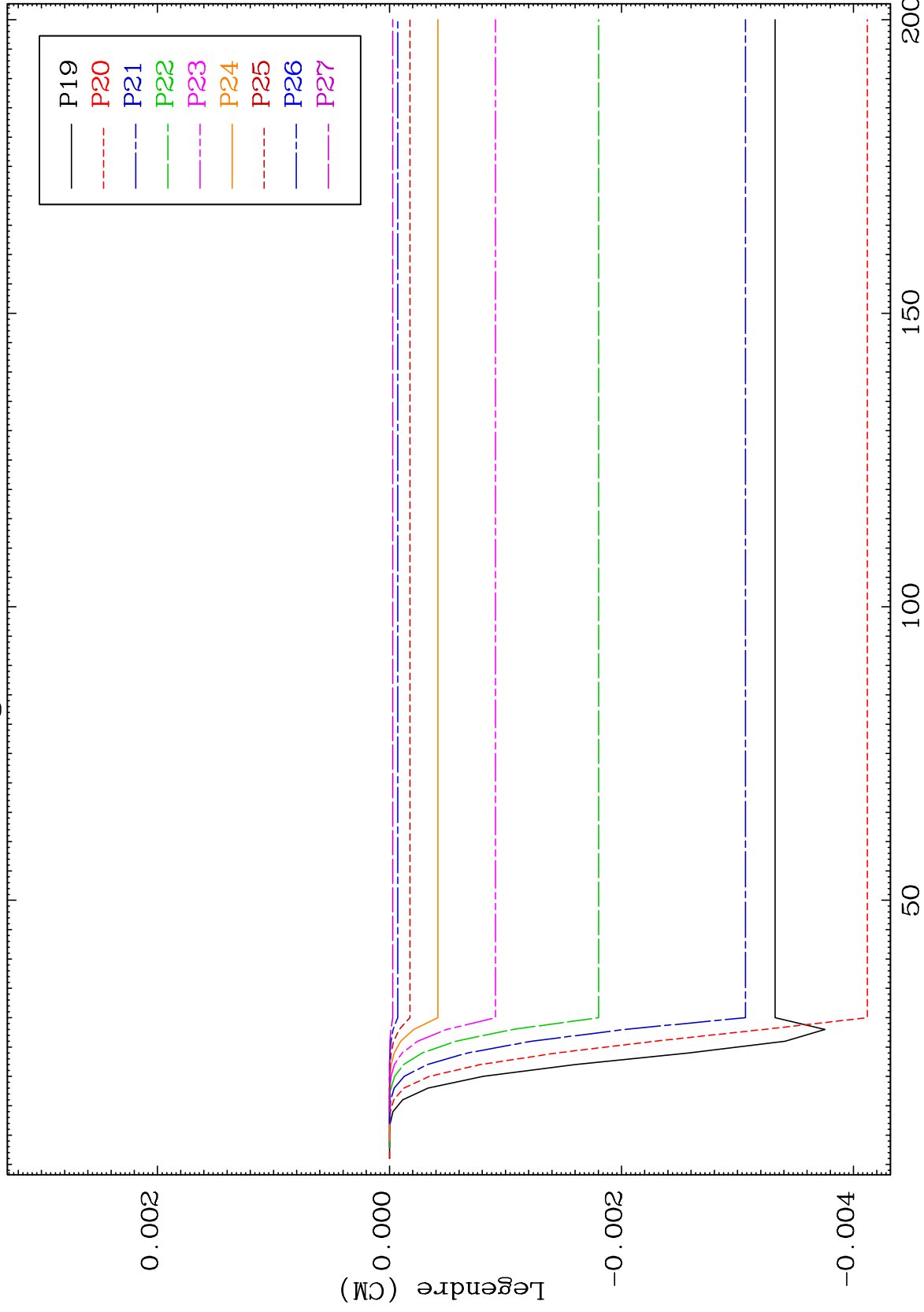
65-Tb-157



MAT 6519

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

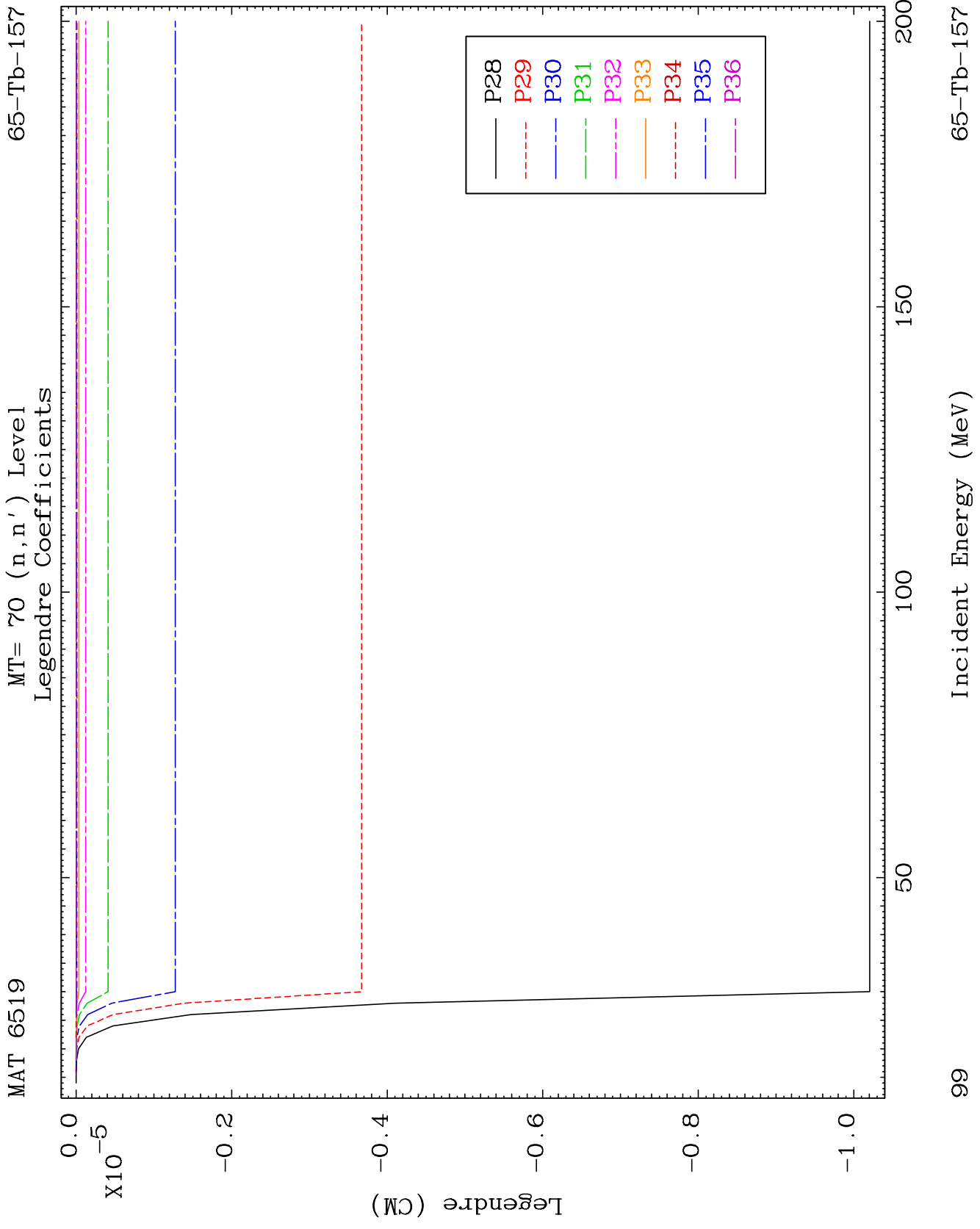
65-Tb-157



98

Incident Energy (MeV)

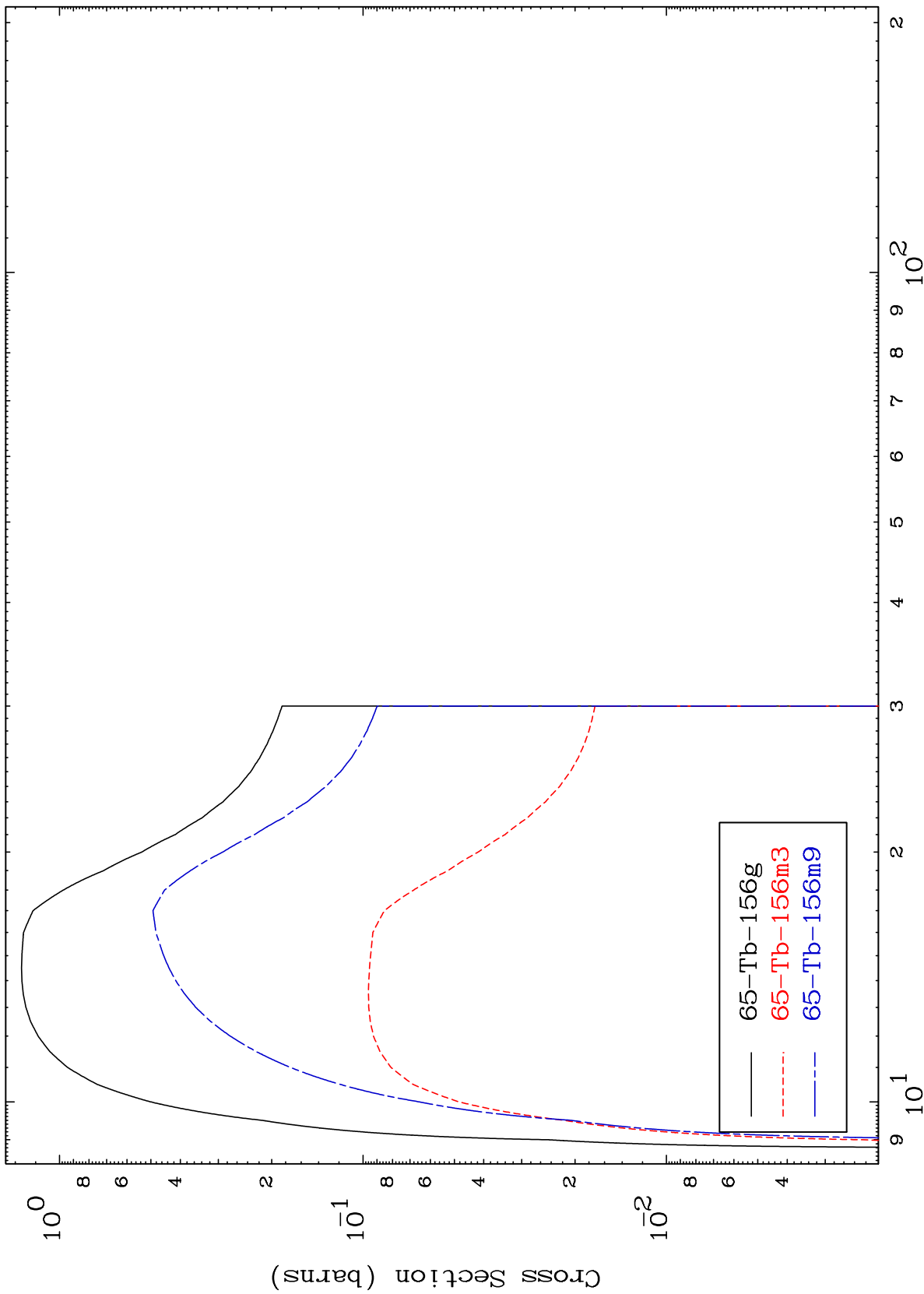
65-Tb-157



MAT 6519

65-Tb-157

(n,2n)
Radionuclide Production Cross Section



65-Tb-157

Incident Energy (MeV)

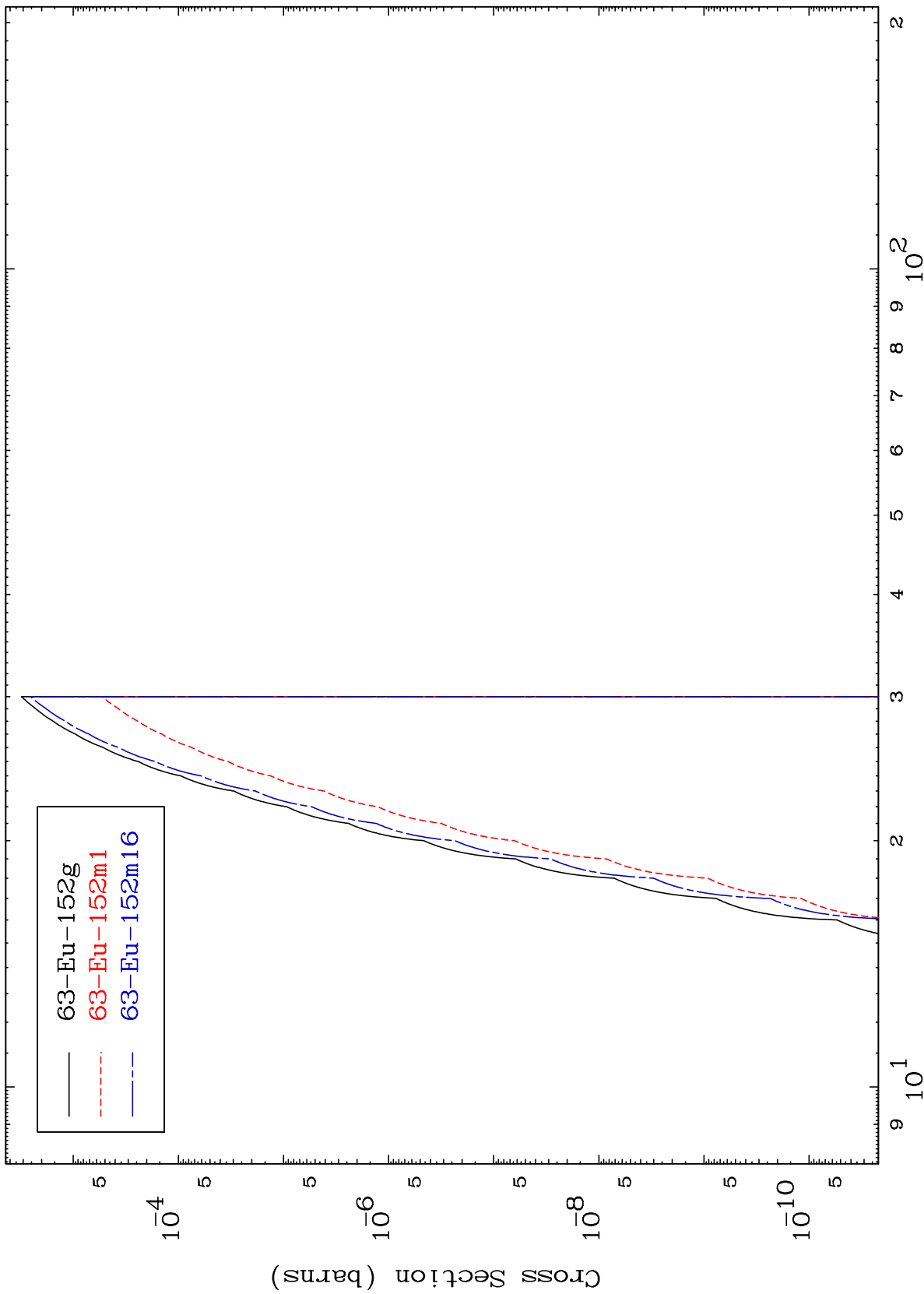
100

MAT 6519

(n,2n) α

65-Tb-157

Radionuclide Production Cross Section



101

Incident Energy (MeV)

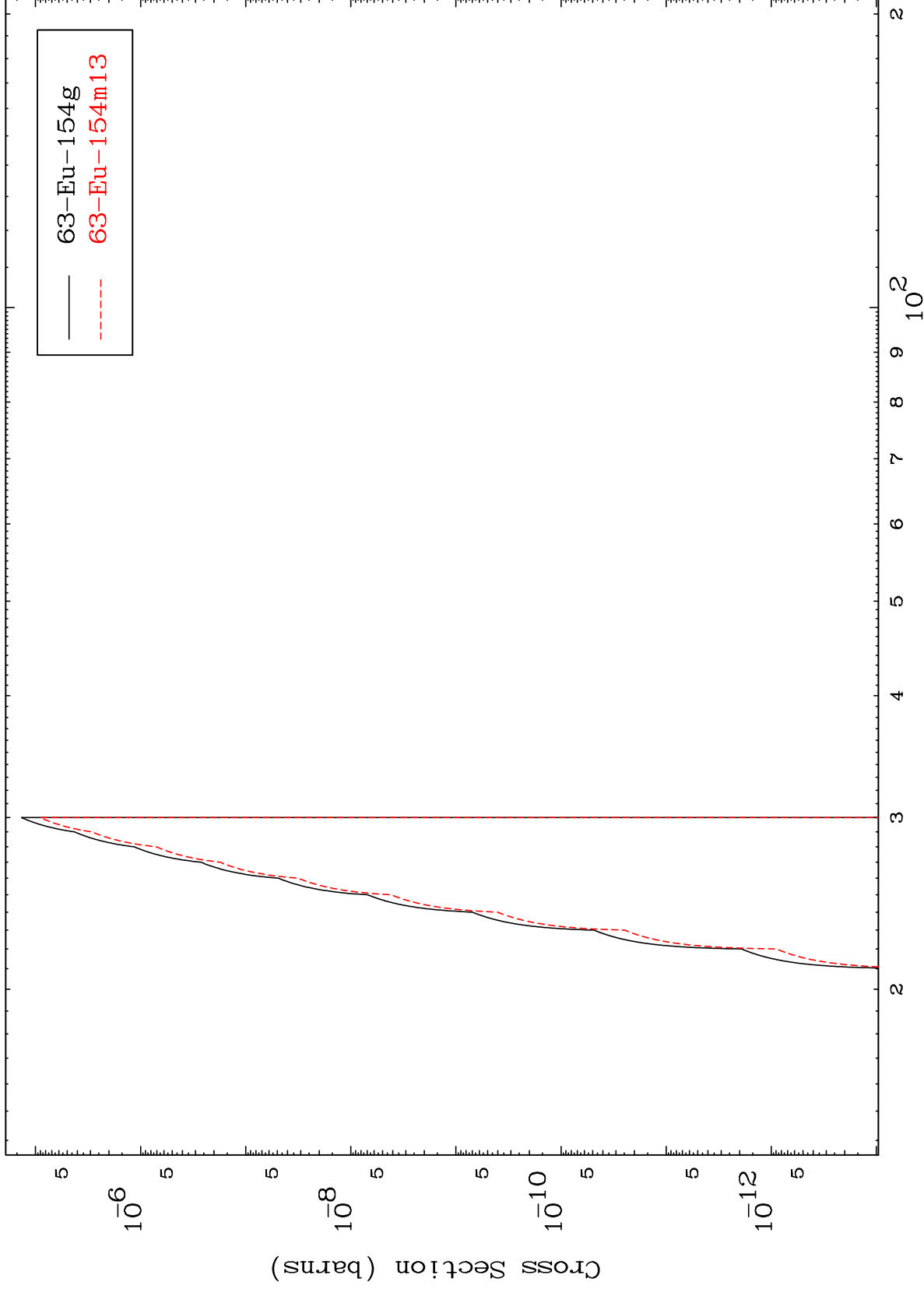
65-Tb-157

MAT 6519

(n,n') He-3

65-Tb-157

Radionuclide Production Cross Section



102

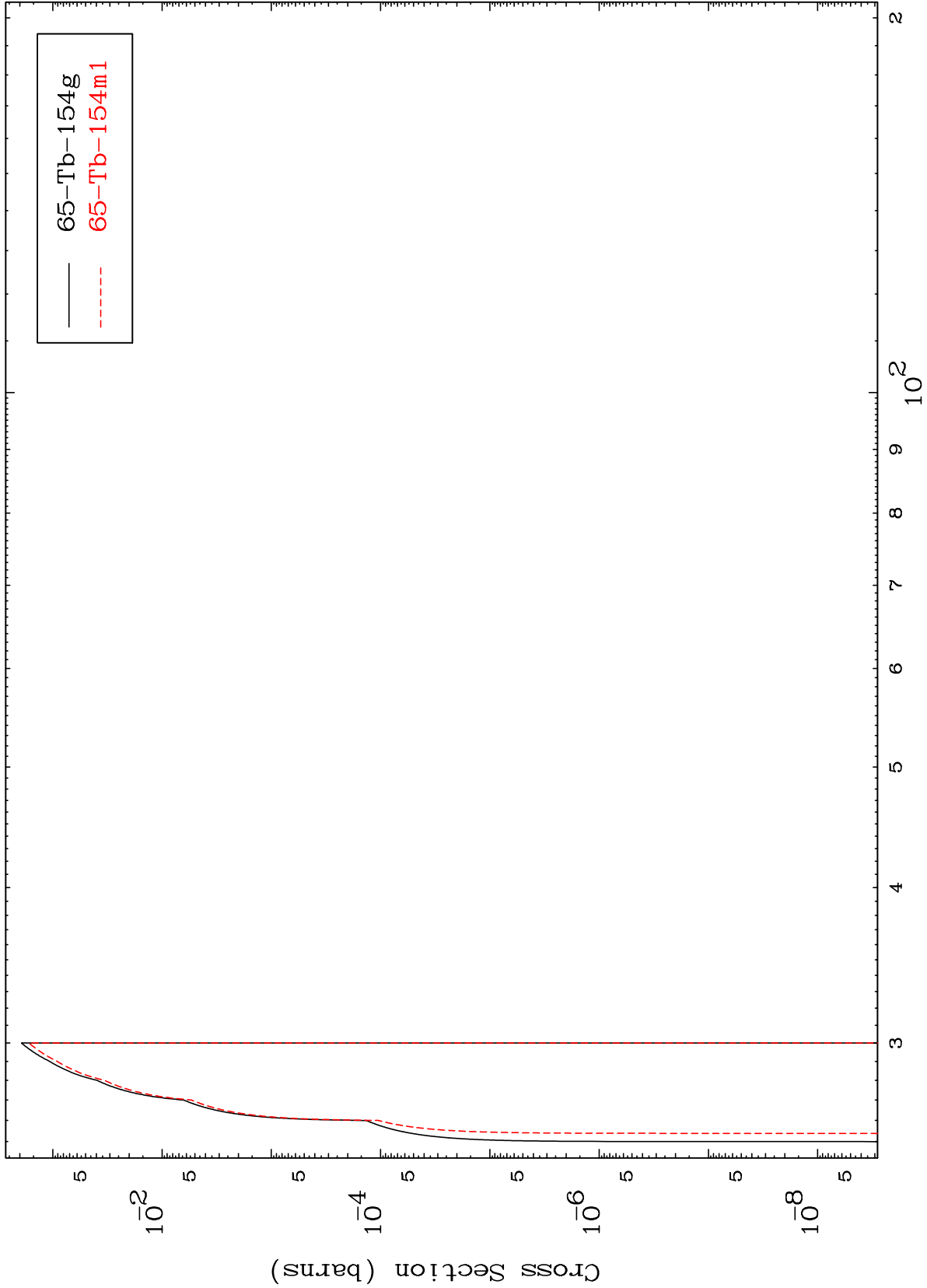
Incident Energy (MeV)

65-Tb-157

MAT 6519

65-Tb-157

(n,4n)
Radionuclide Production Cross Section



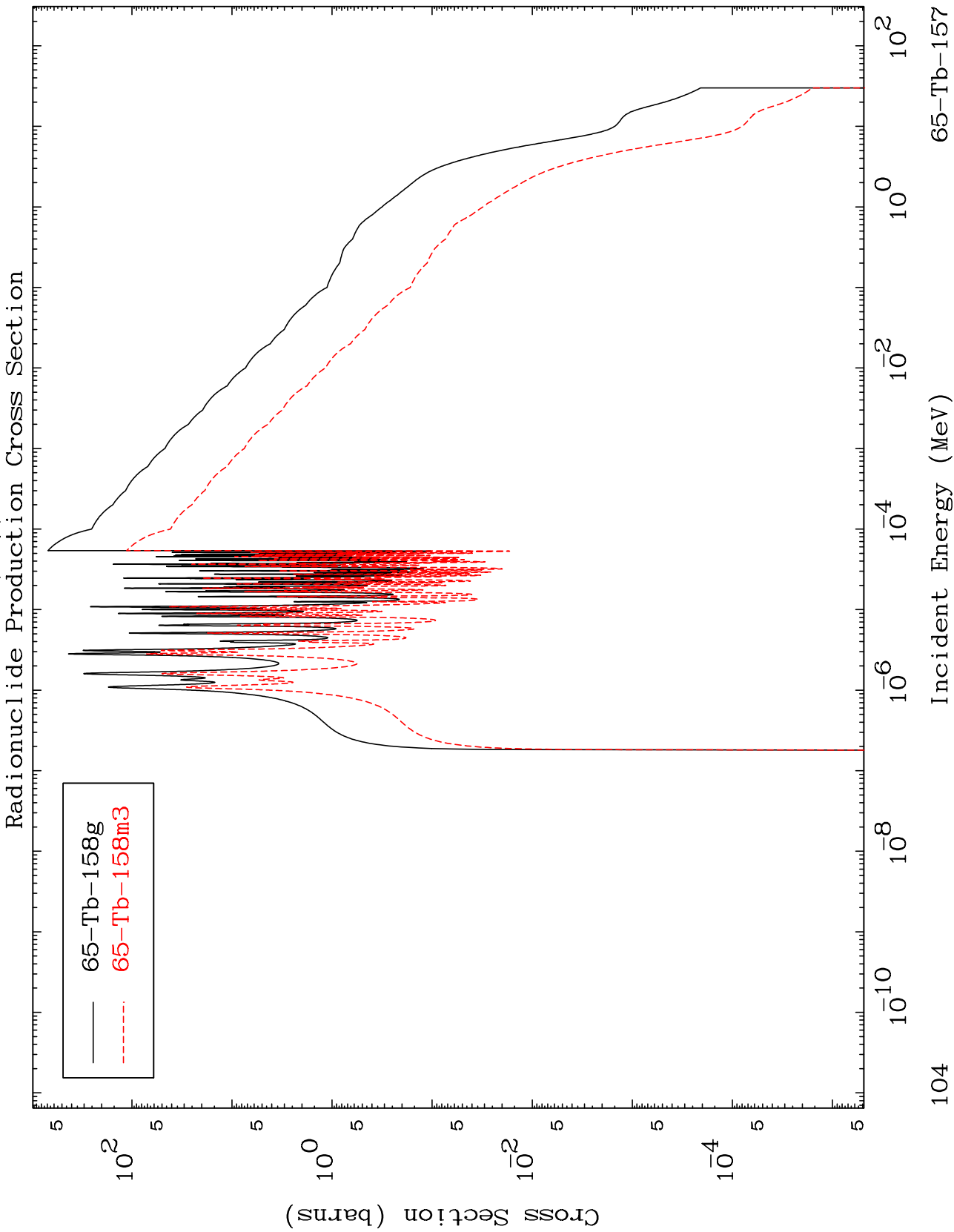
103

65-Tb-157

Incident Energy (MeV)

MAT 6519

65-Tb-157

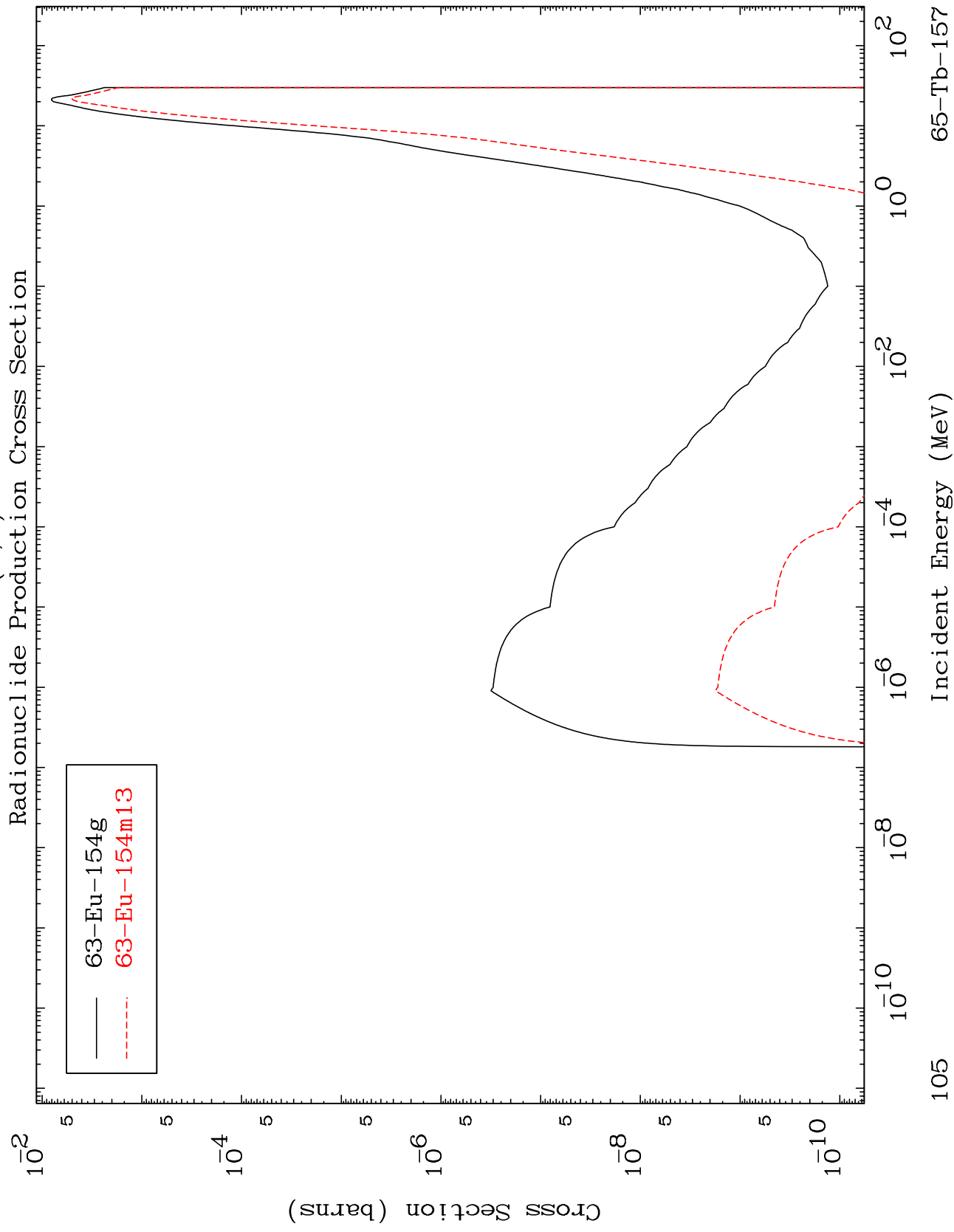


104

MAT 6519

(n, α)

65-Tb-157



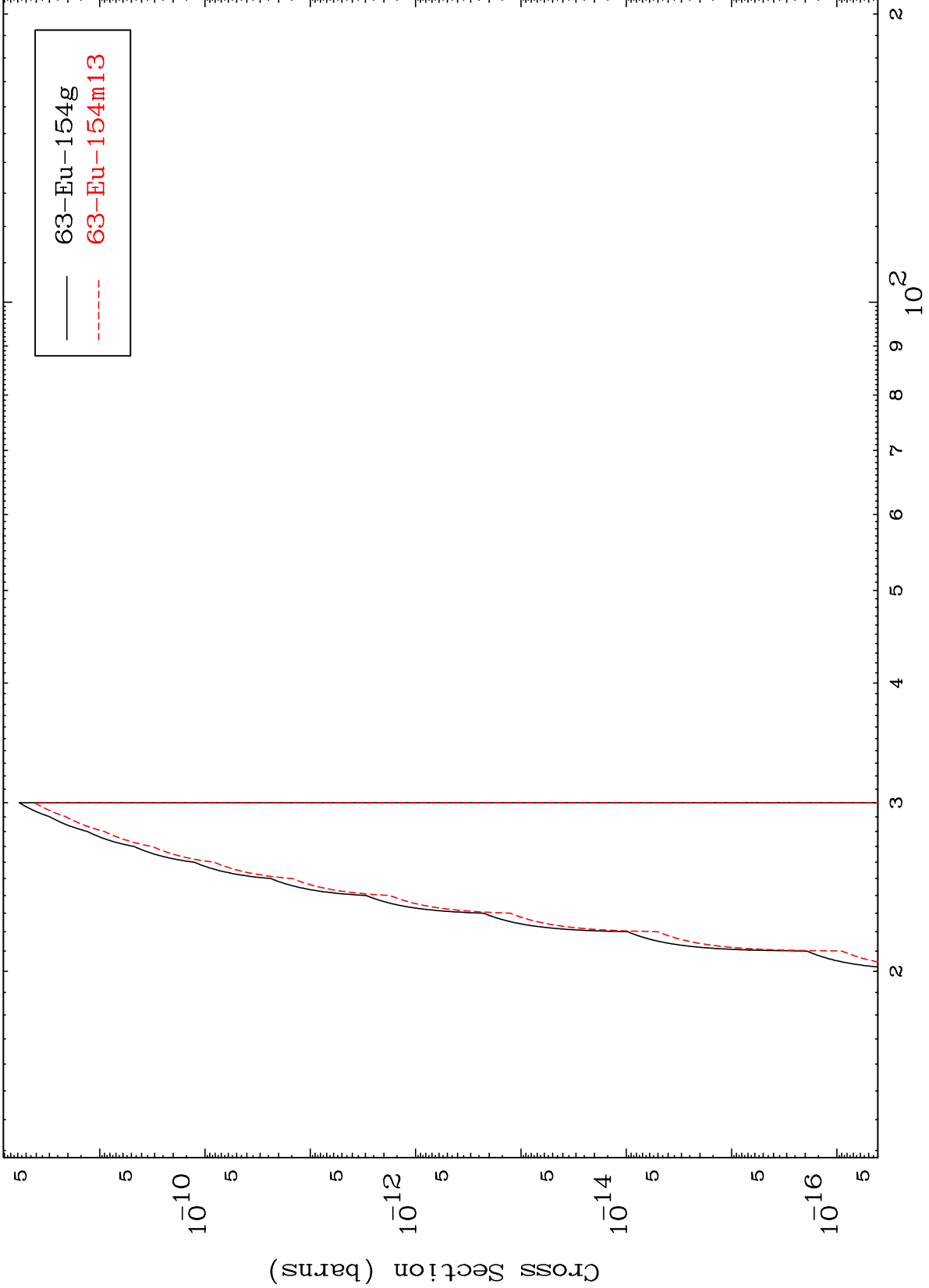
105

MAT 6519

(n,p) t

65-Tb-157

Radionuclide Production Cross Section



63-Eu-154g
63-Eu-154m13

106

Incident Energy (MeV)

65-Tb-157