

Program EVALPLOT
(Version 2021-1)

by

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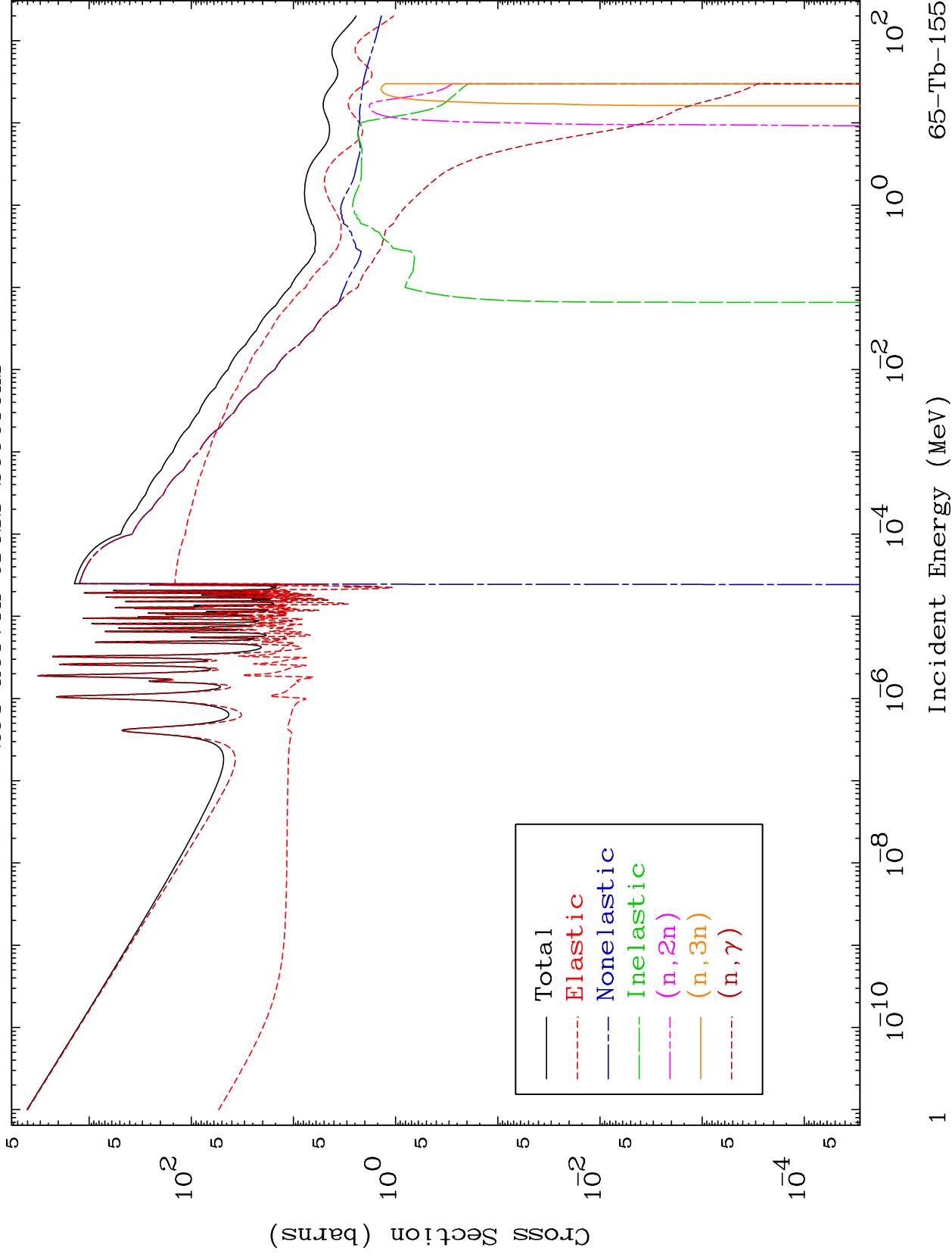
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6513

Neutron Major
293 Kelvin Cross Sections

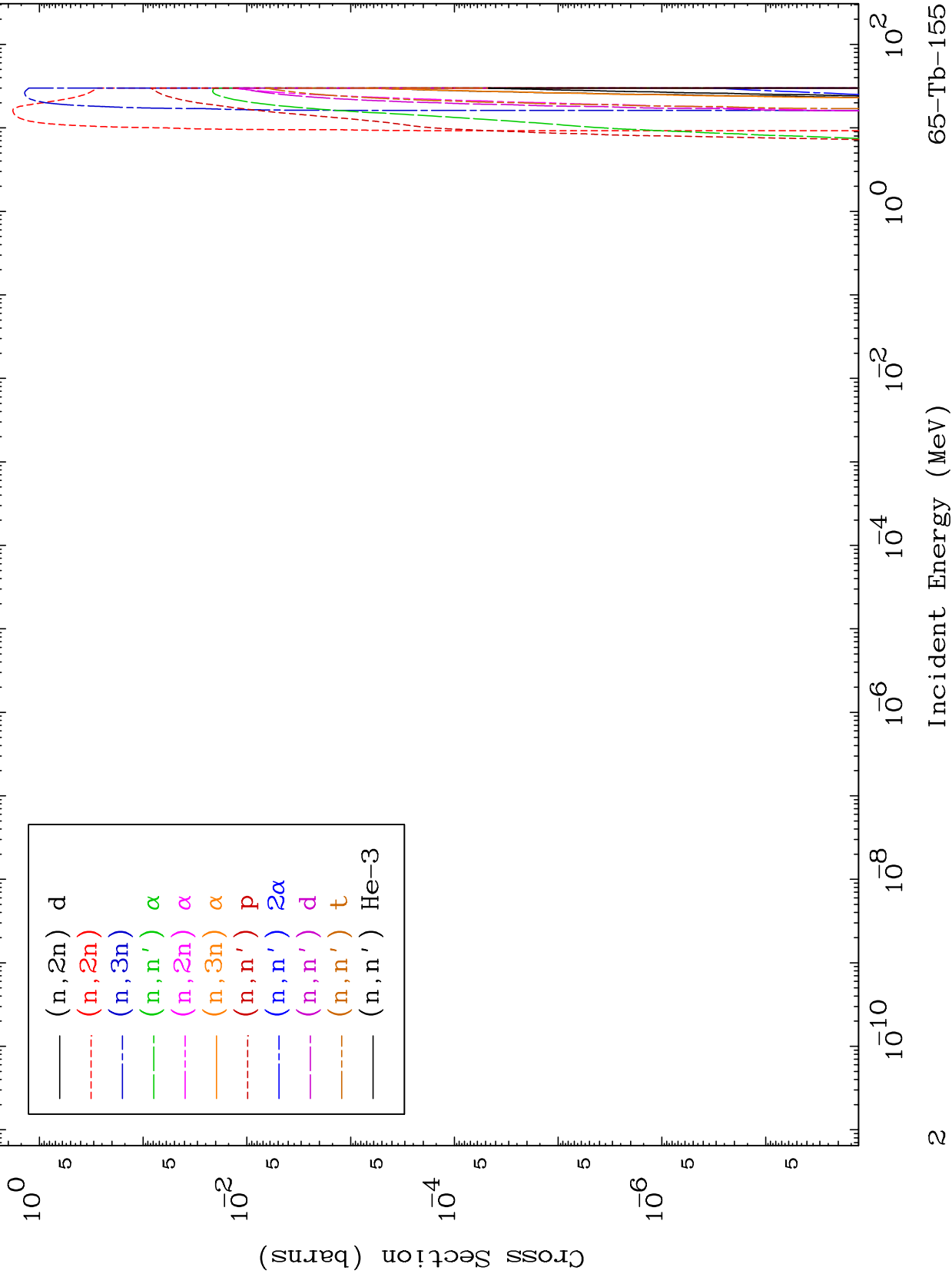
65-Tb-155



MAT 6513

Neutron Absorption
293 Kelvin Cross Sections

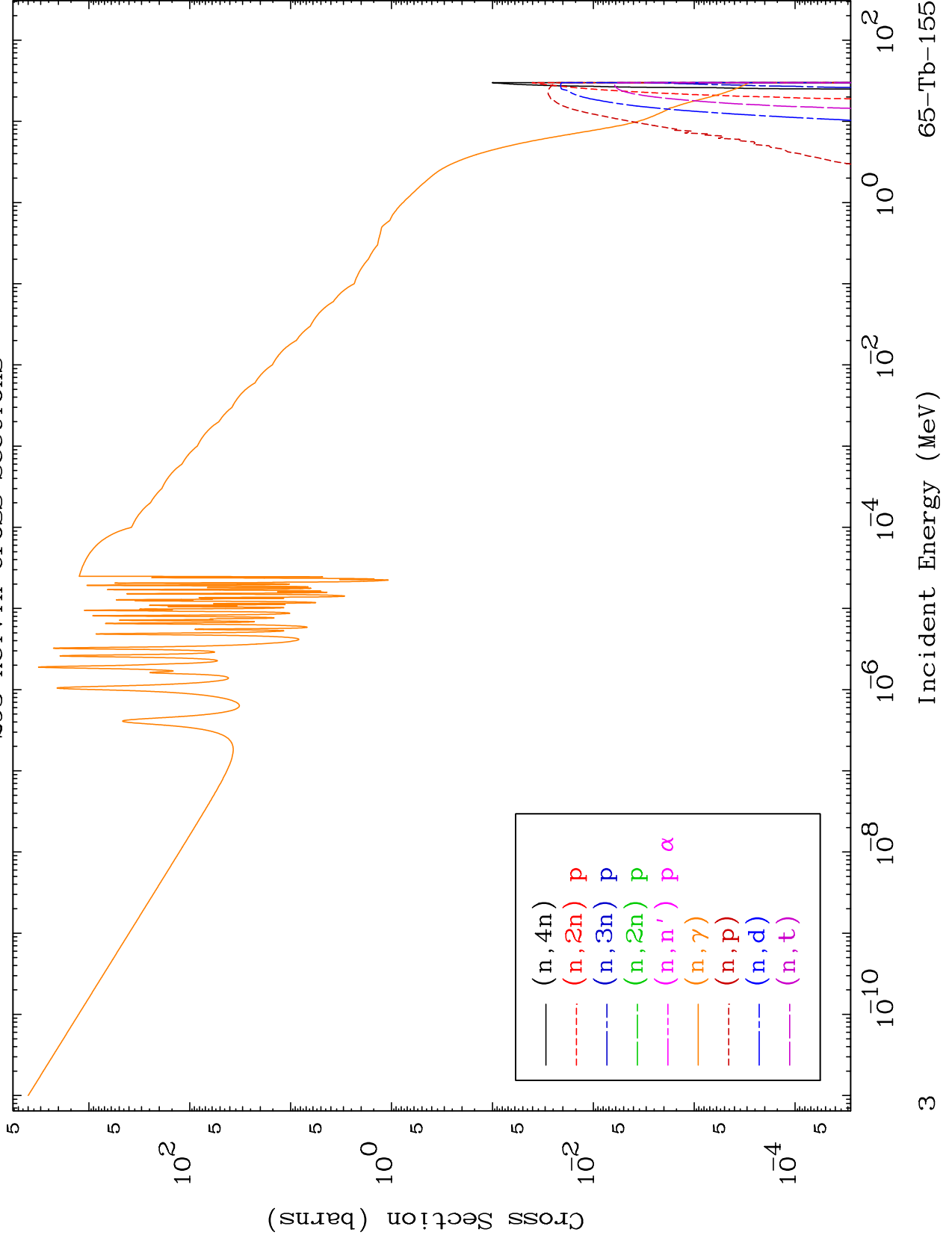
65-Tb-155



MAT 6513

Neutron Absorption
293 Kelvin Cross Sections

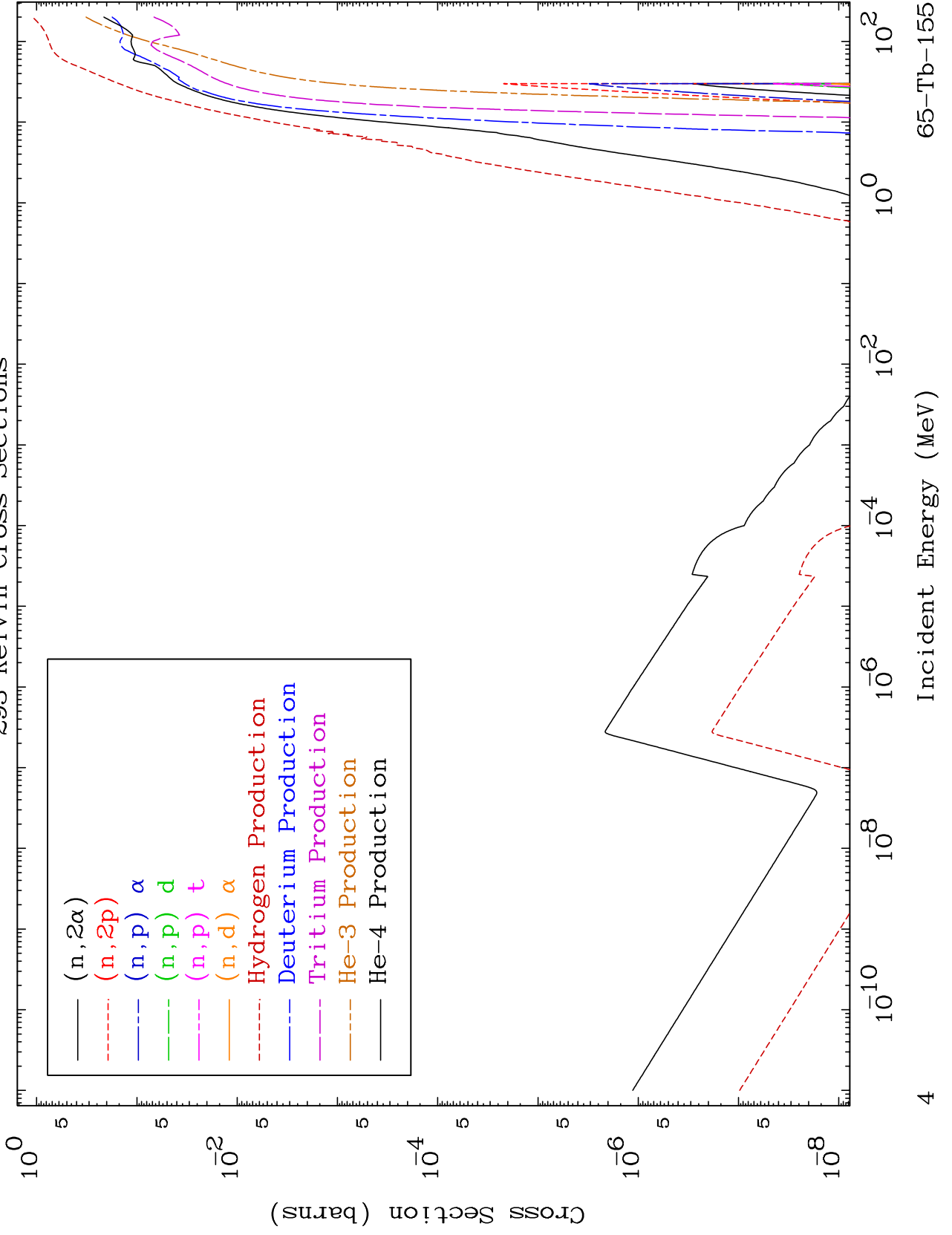
65-Tb-155



MAT 6513

Neutron Absorption
293 Kelvin Cross Sections

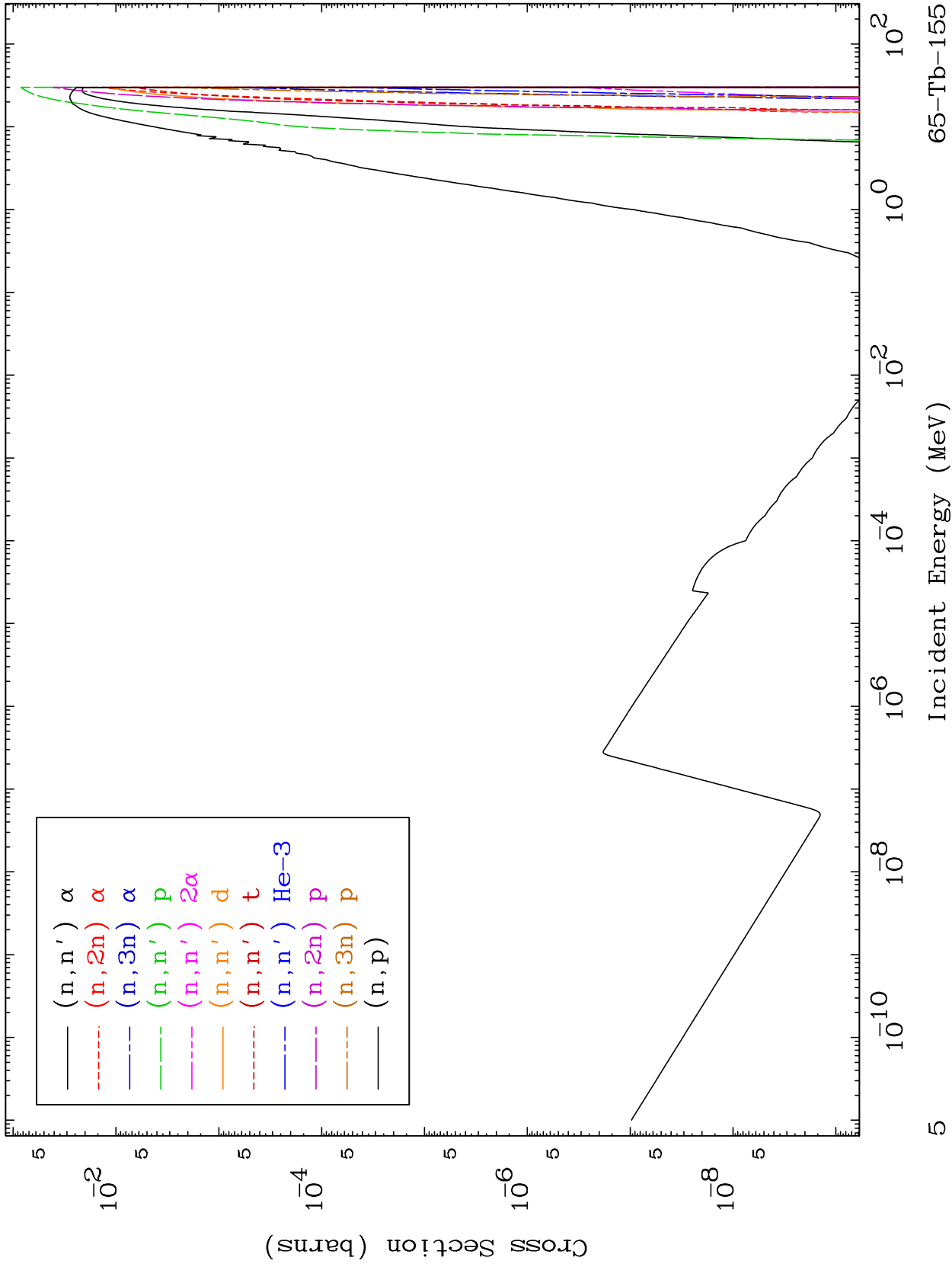
65-Tb-155



MAT 6513

Charged Particle
293 Kelvin Cross Sections

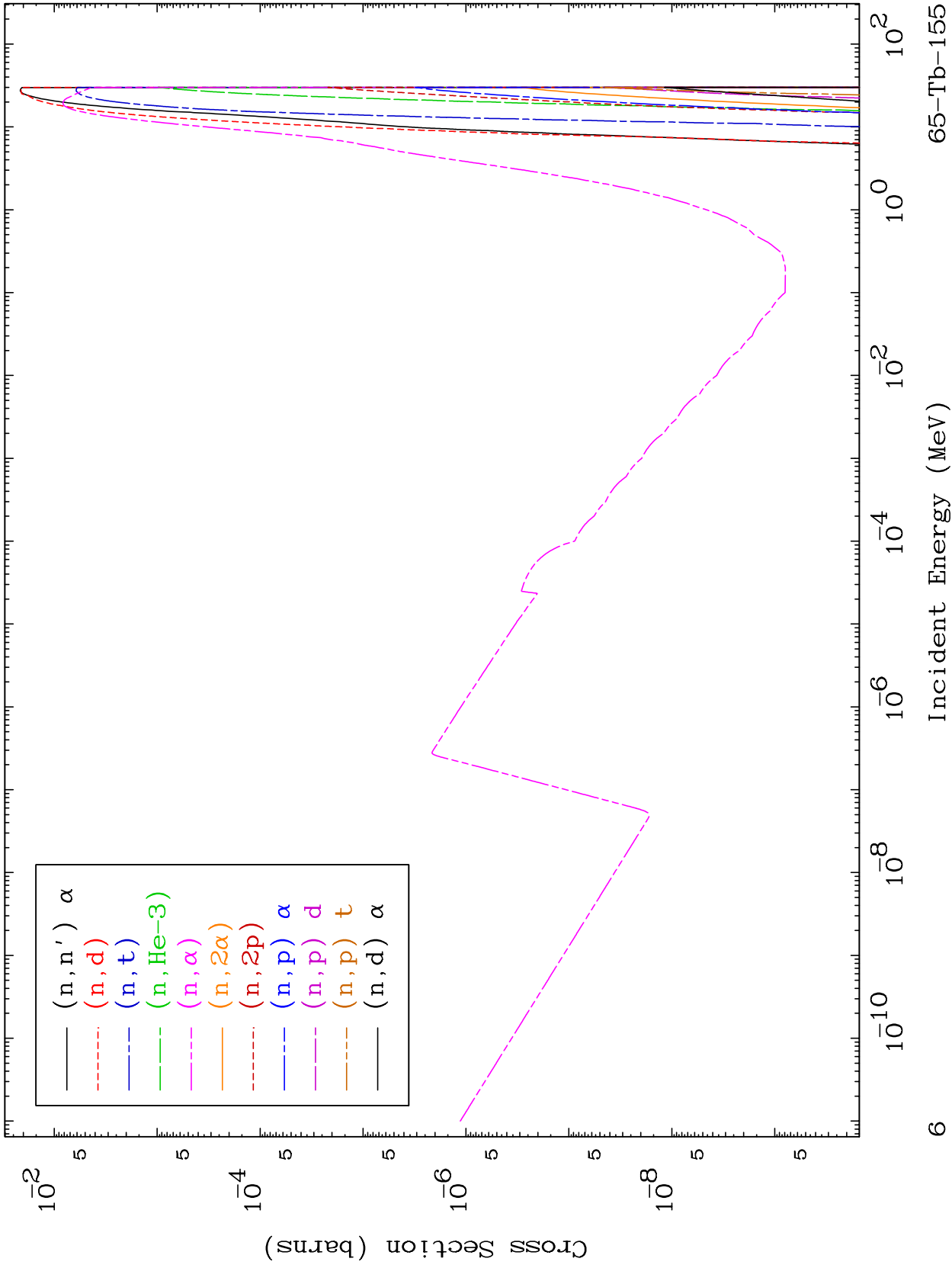
65-Tb-155



MAT 6513

Charged Particle
293 Kelvin Cross Sections

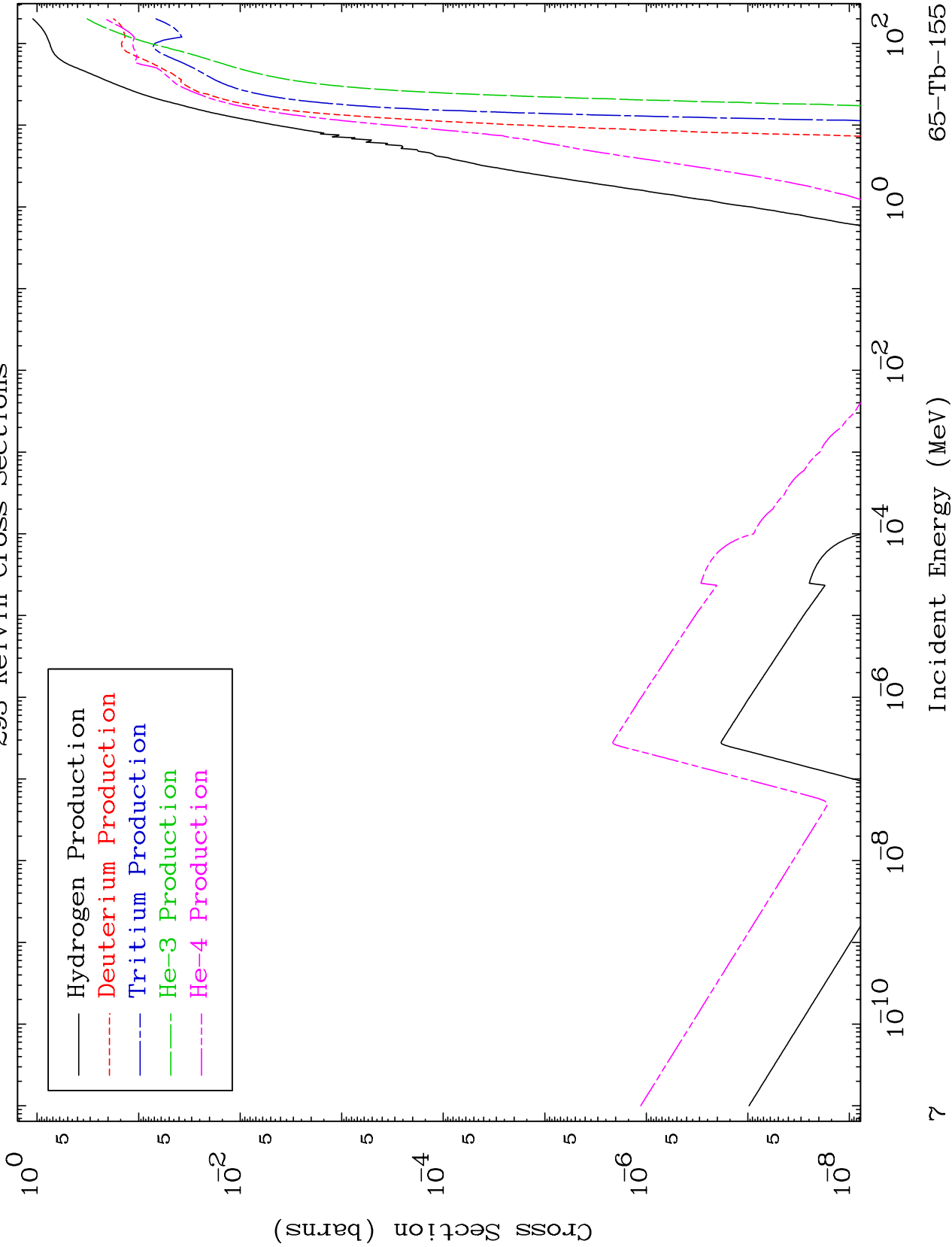
65-Tb-155



MAT 6513

Particle Production
293 Kelvin Cross Sections

65-Tb-155



MAT 6513

(n,n') Levels

65-Tb-155

293 Kelvin Cross Sections

10^9

10^6

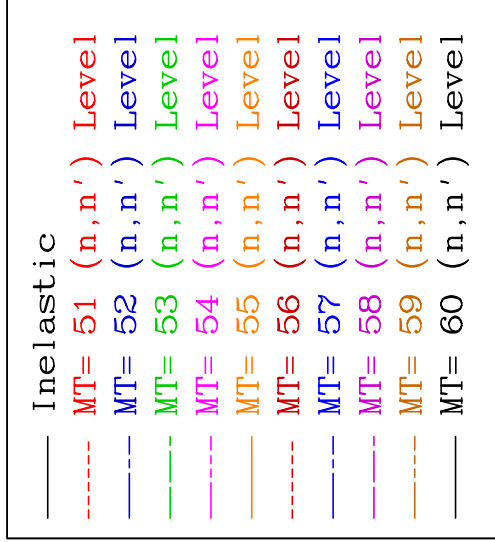
10^3

10^0

10^{-3}

10^{-6}

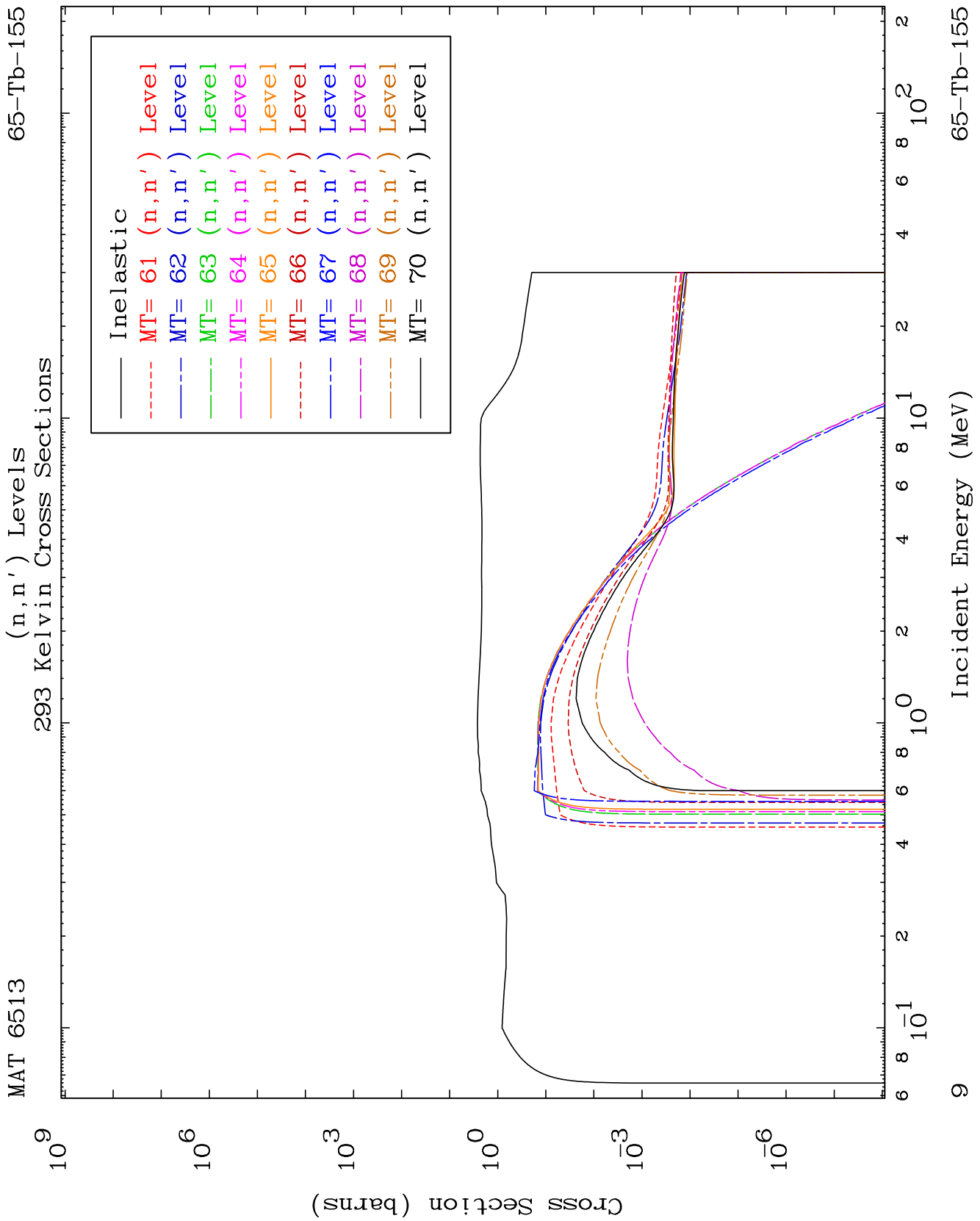
Cross Section (barns)



8

Incident Energy (MeV)

65-Tb-155

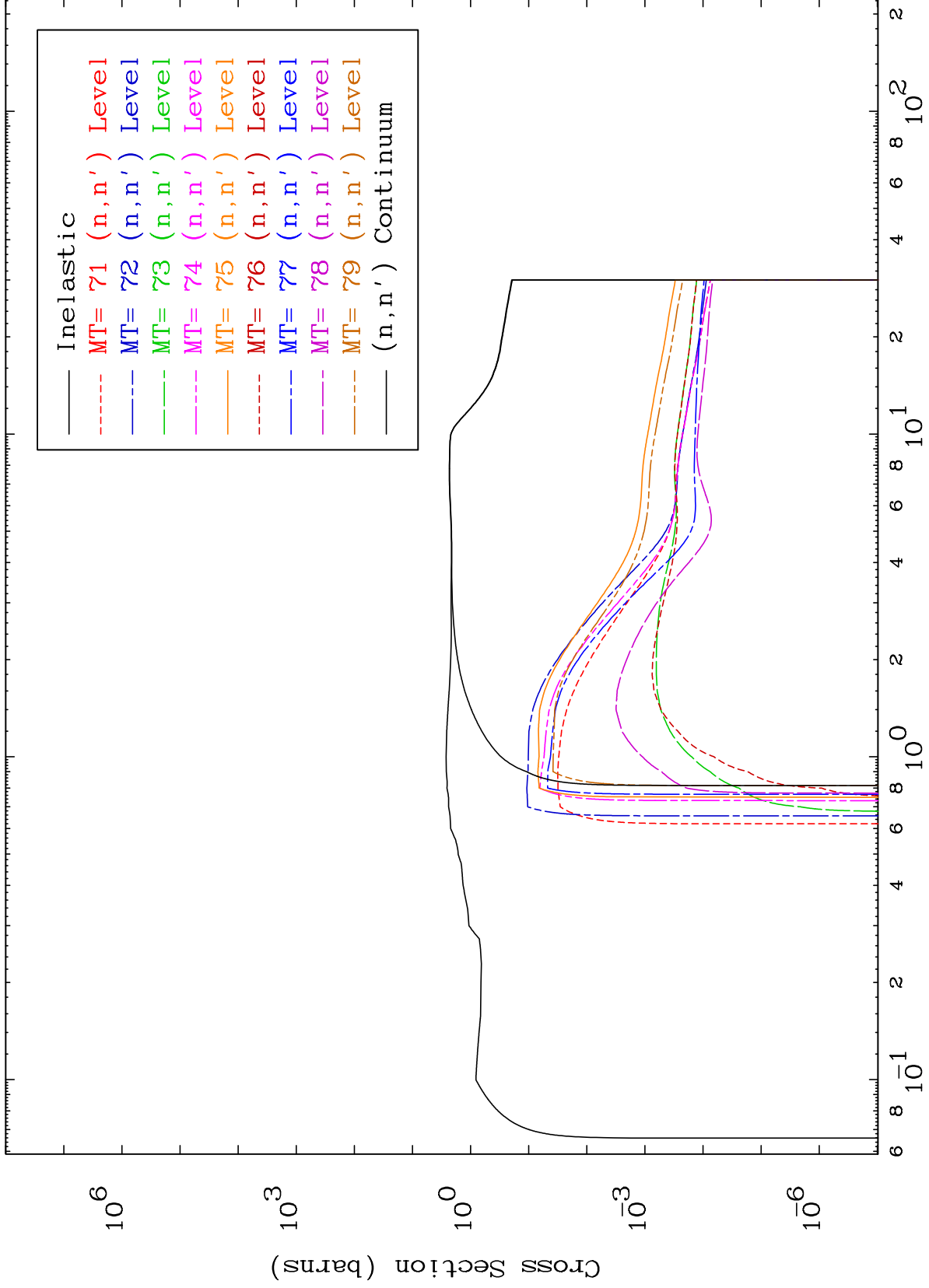


MAT 6513

(n,n') Levels

293 Kelvin Cross Sections

65-Tb-155



10

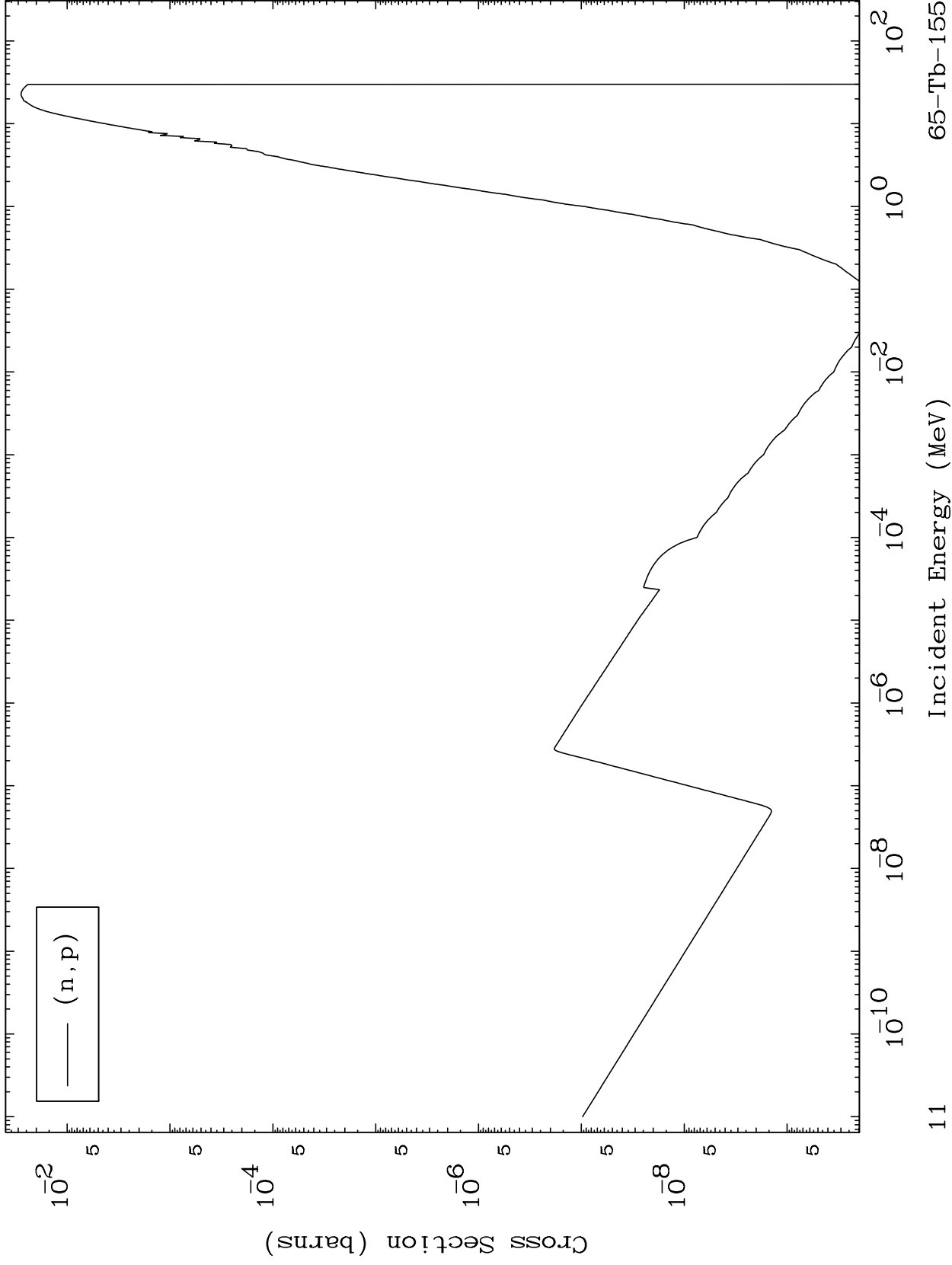
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,p) Levels
293 Kelvin Cross Sections

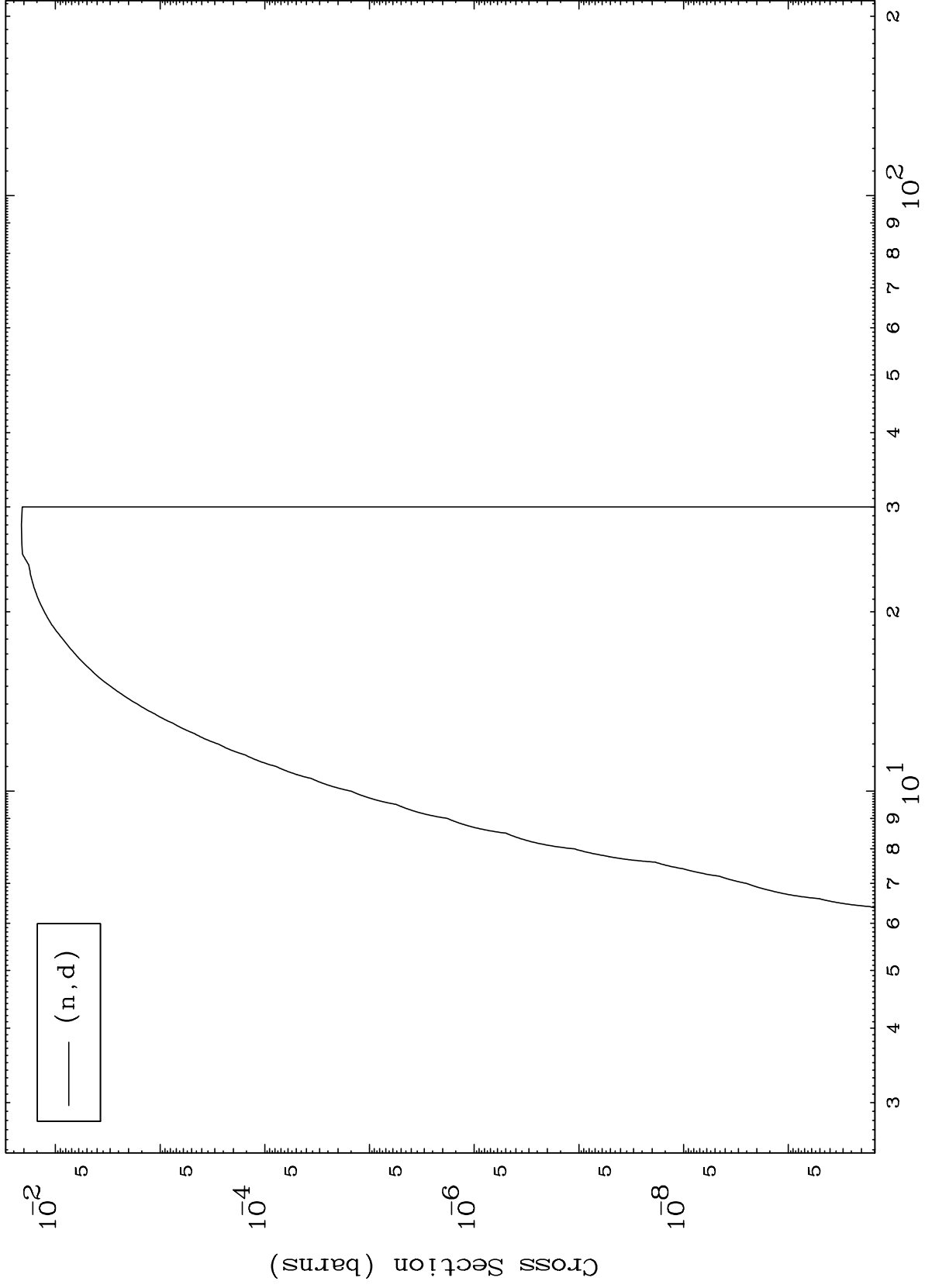
65-Tb-155



MAT 6513

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-155



(n,d)

65-Tb-155

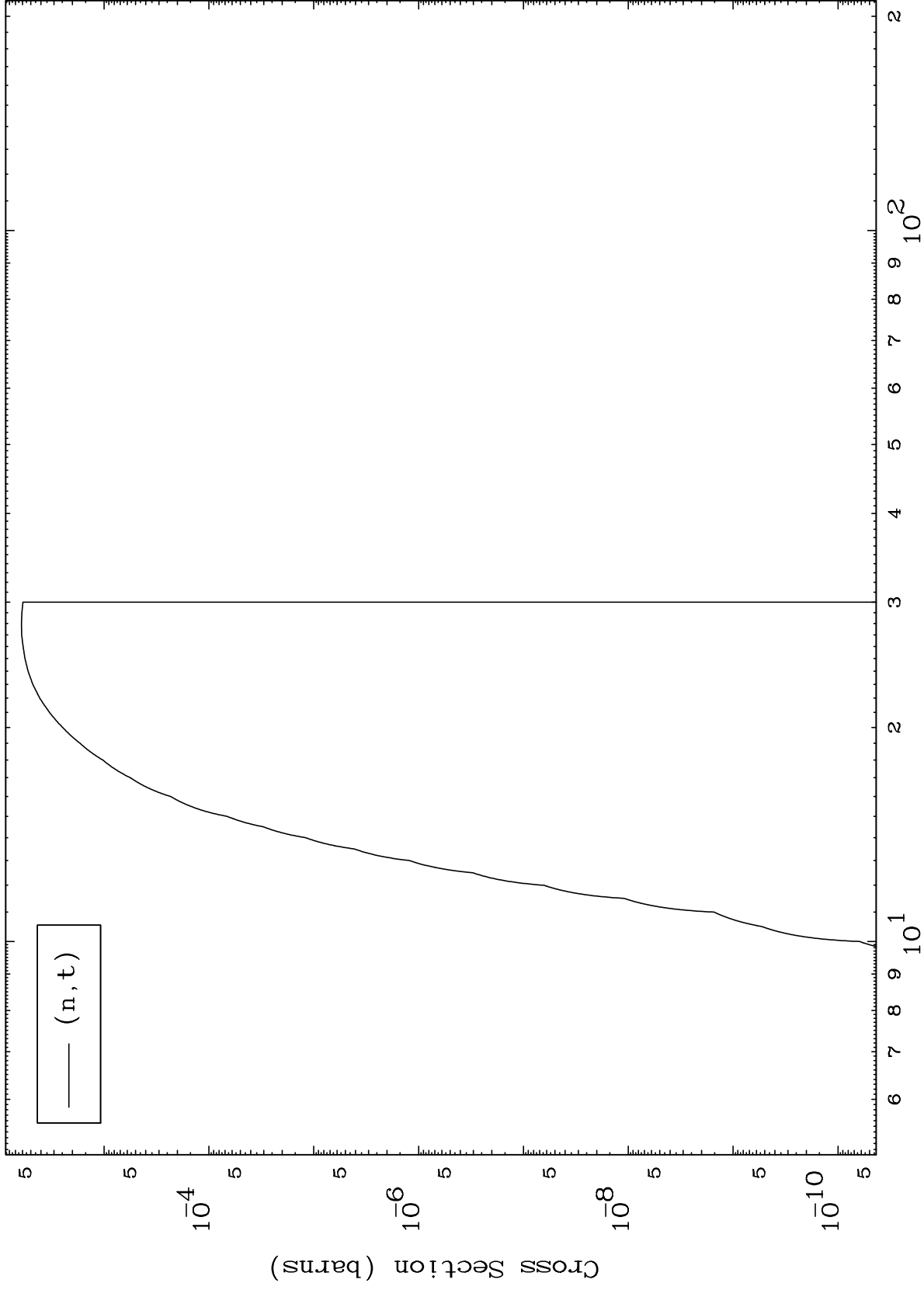
Incident Energy (MeV)

12

MAT 6513

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-155



13

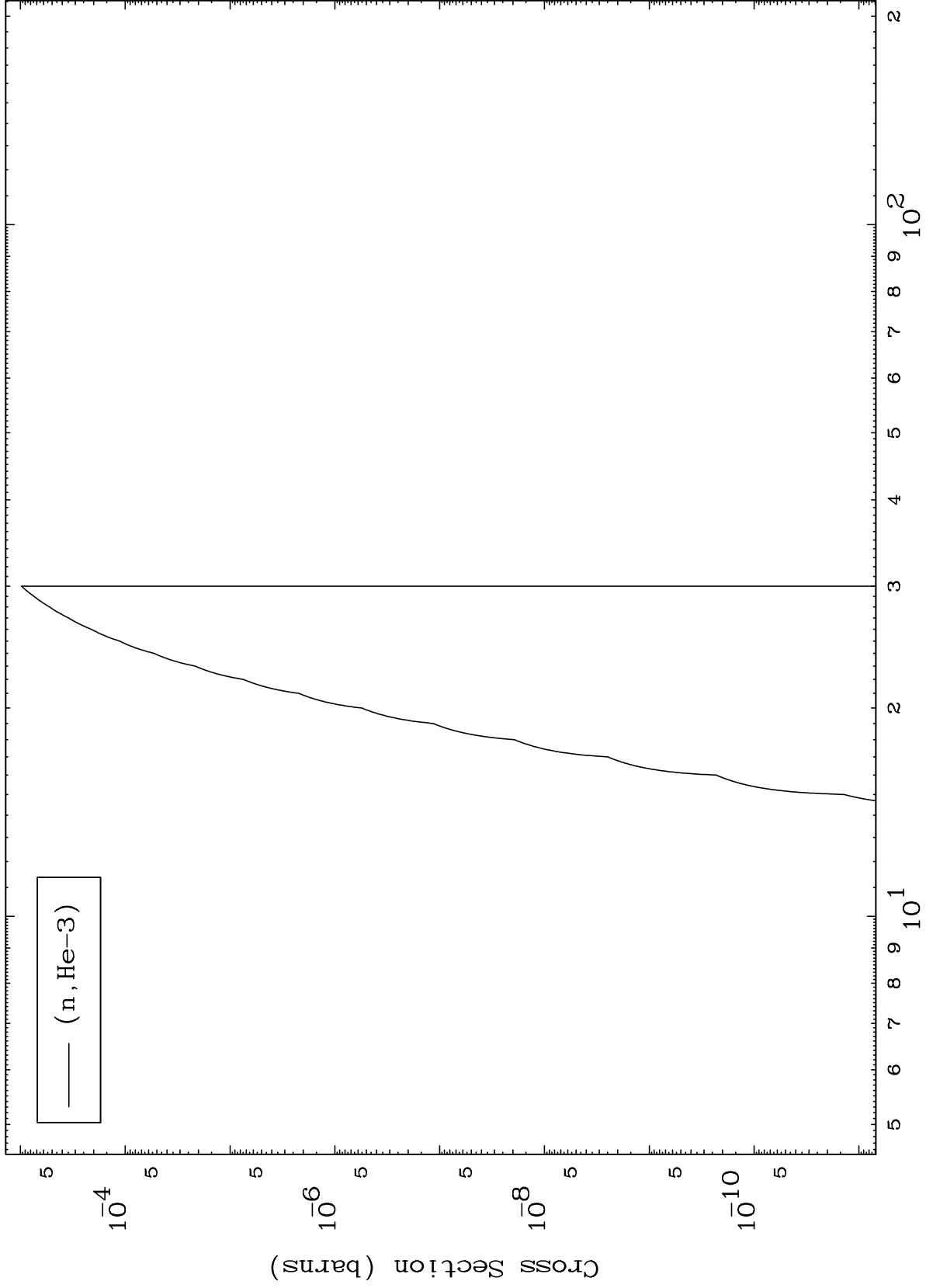
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-155



14

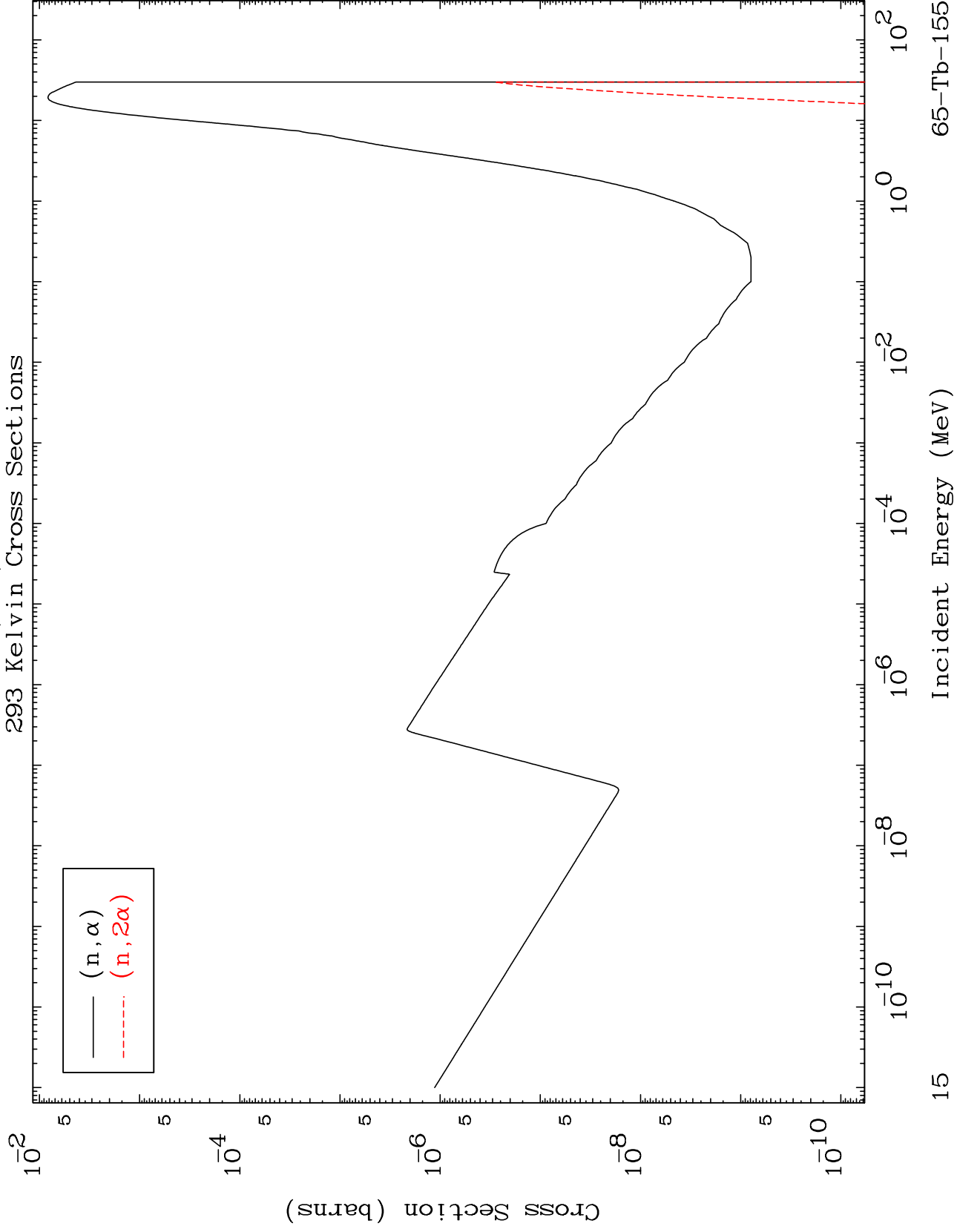
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n, α) Levels
293 Kelvin Cross Sections

65-Tb-155

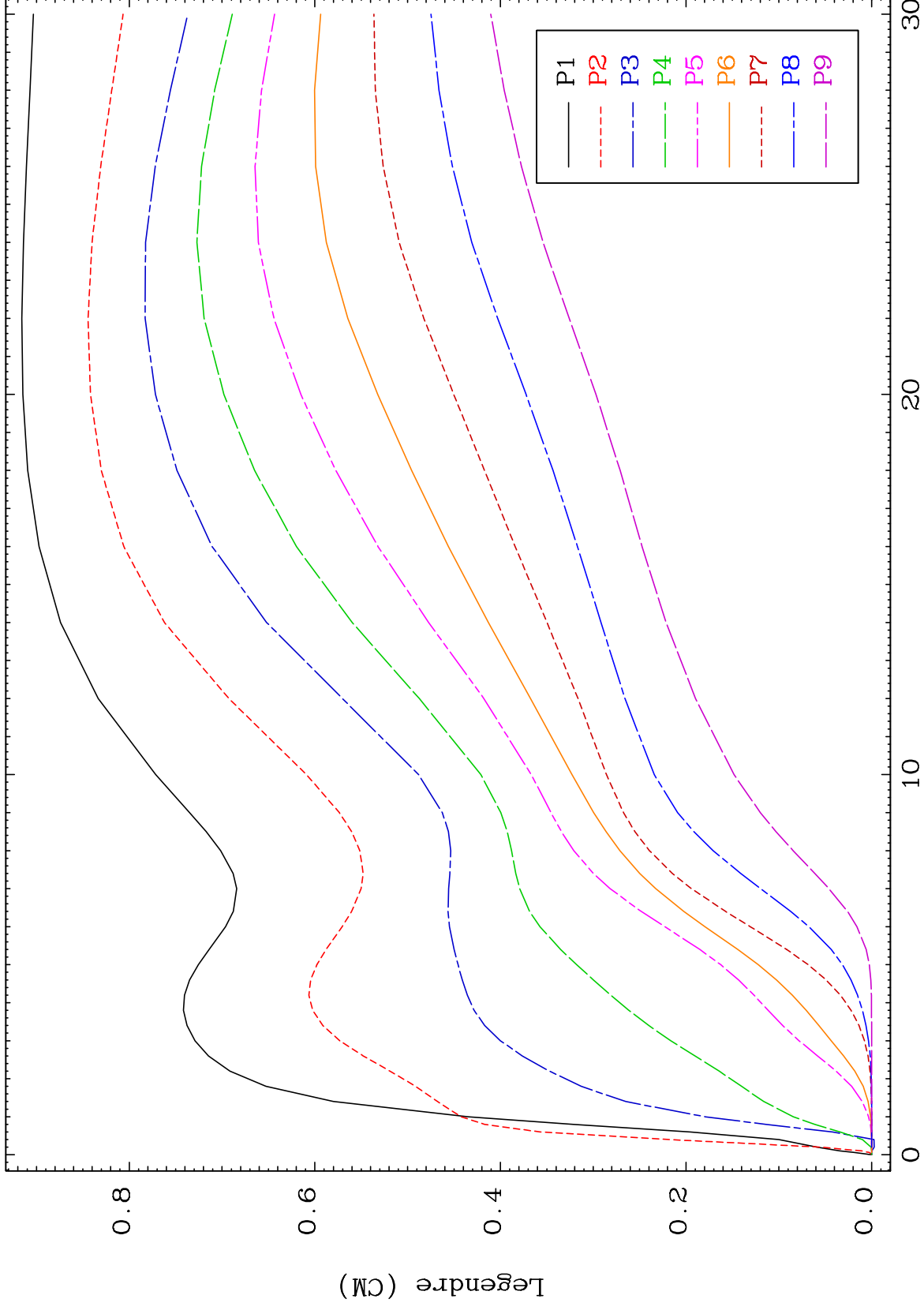


15

MAT 6513

Elastic Legendre Coefficients

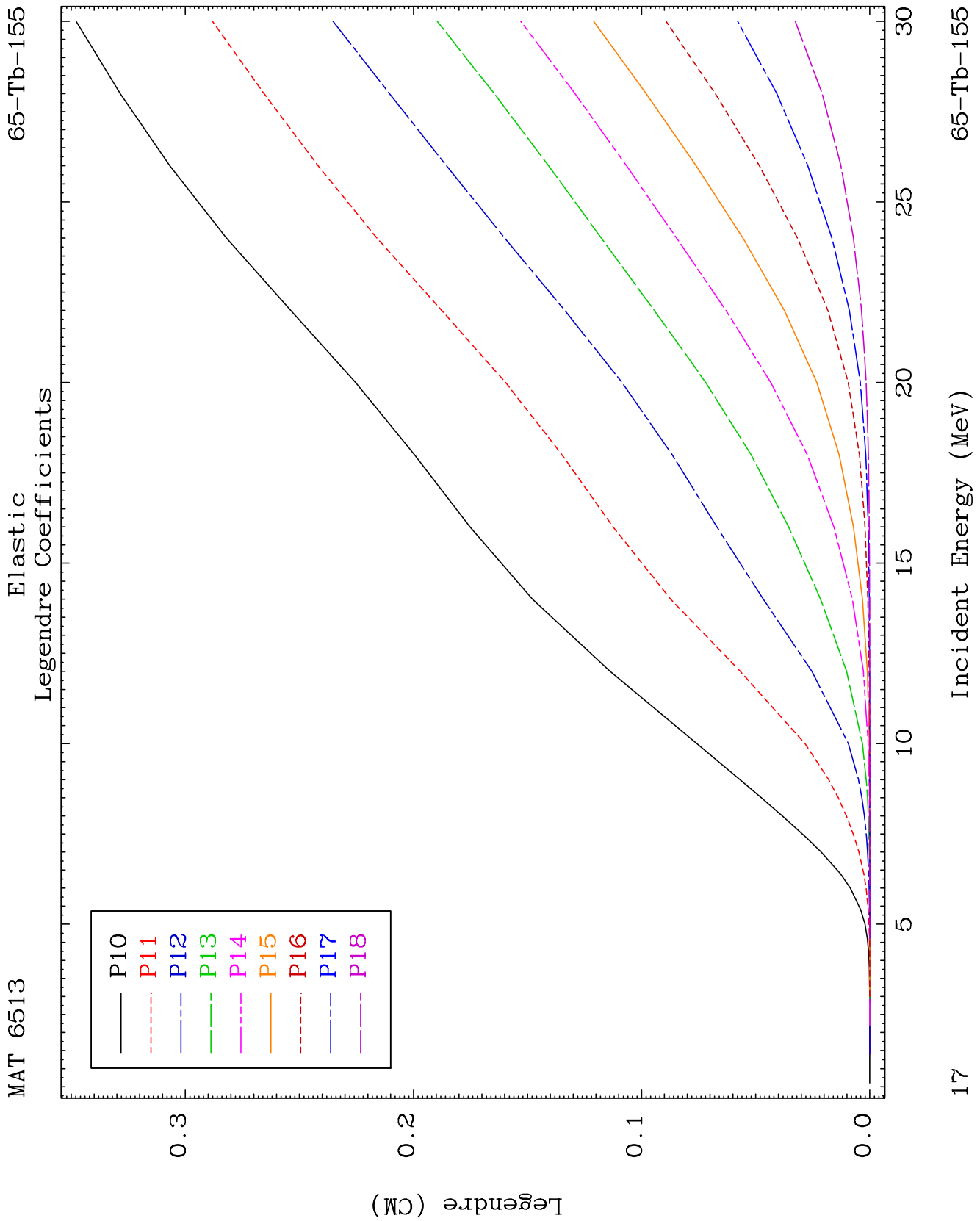
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16

Incident Energy (MeV)

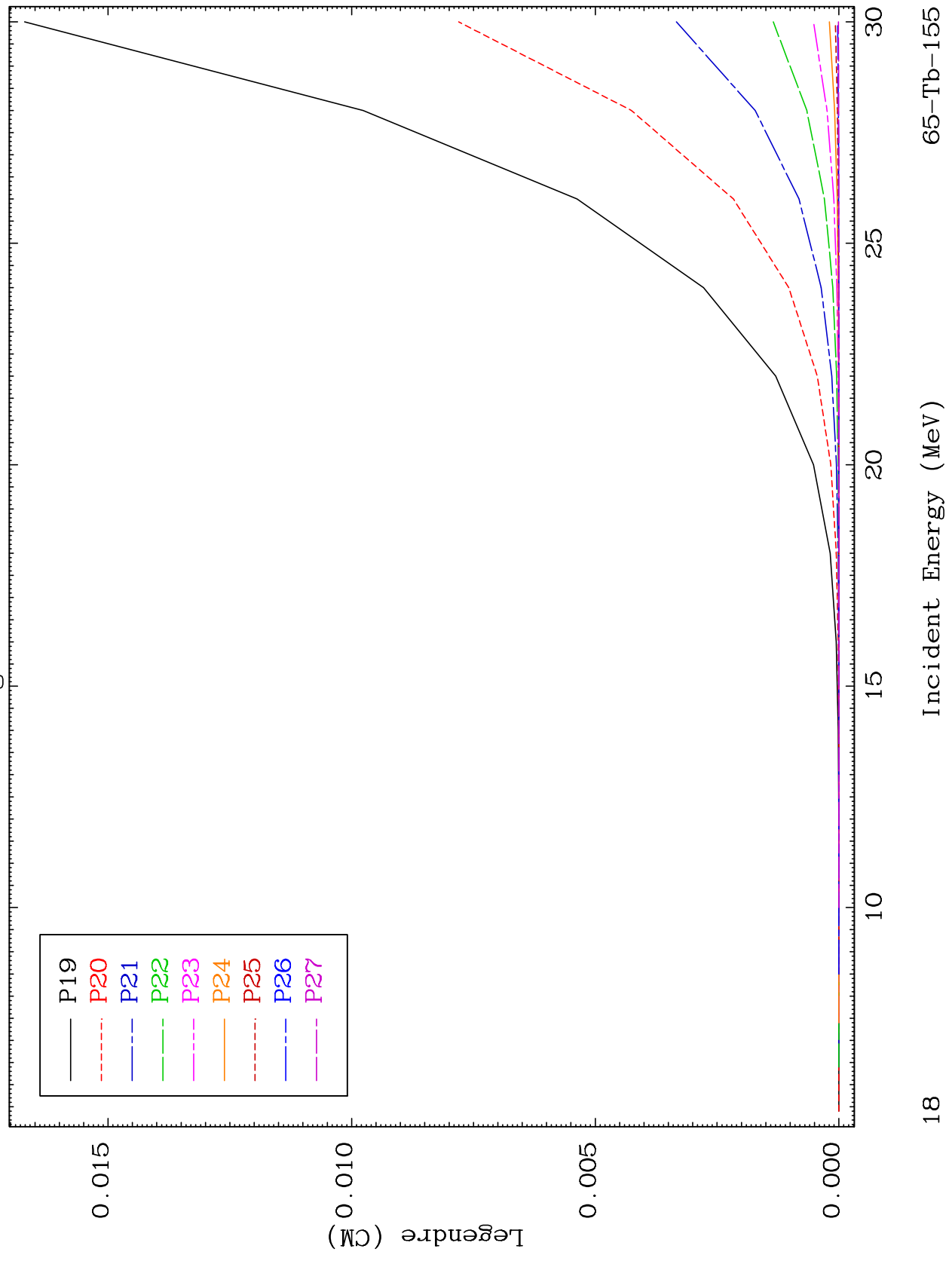
65-Tb-155



MAT 6513

Elastic Legendre Coefficients

65-Tb-155



18

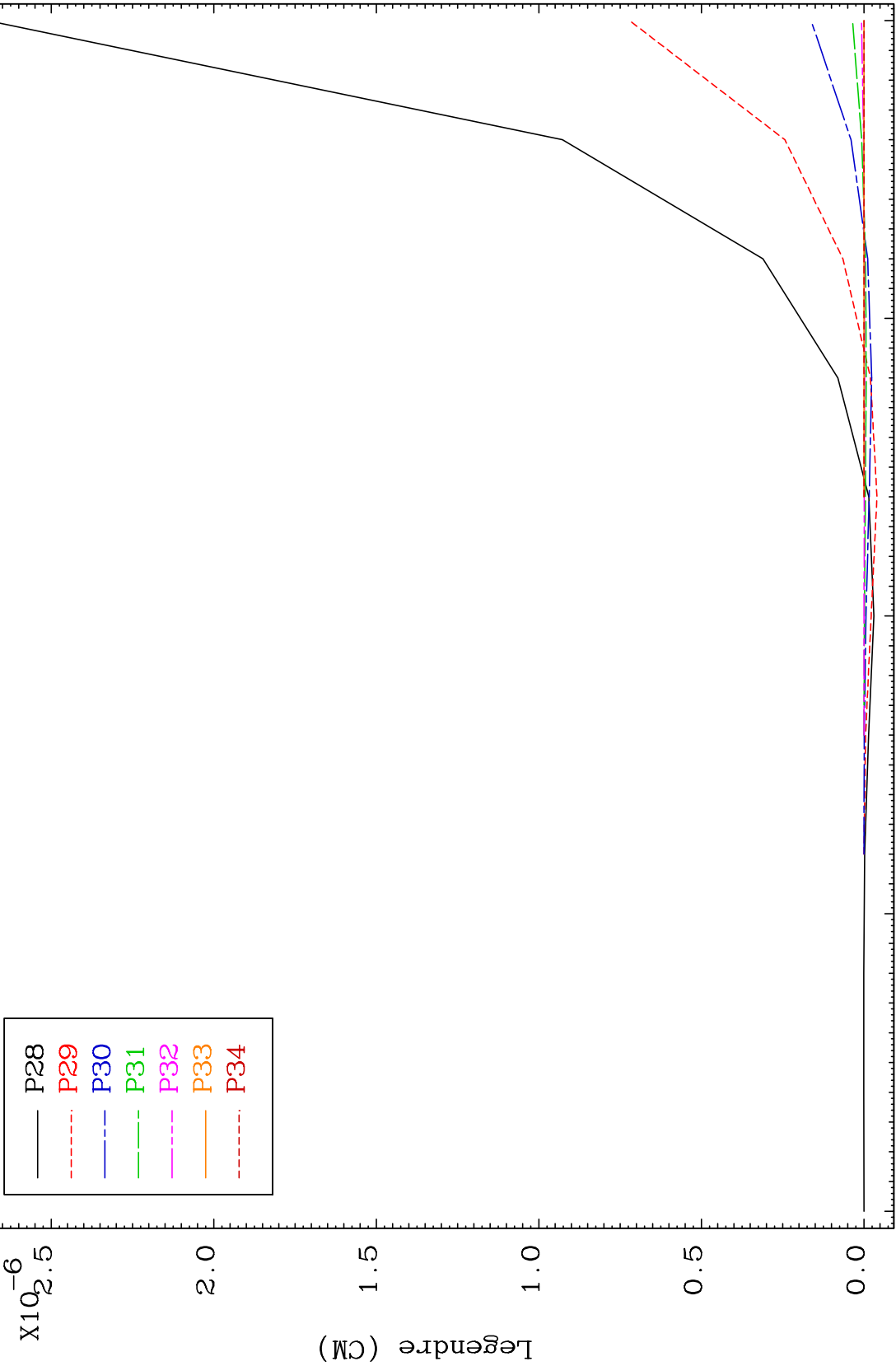
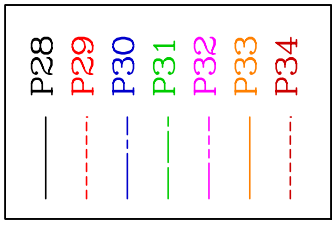
Incident Energy (MeV)

65-Tb-155

MAT 6513

Elastic
Legendre Coefficients

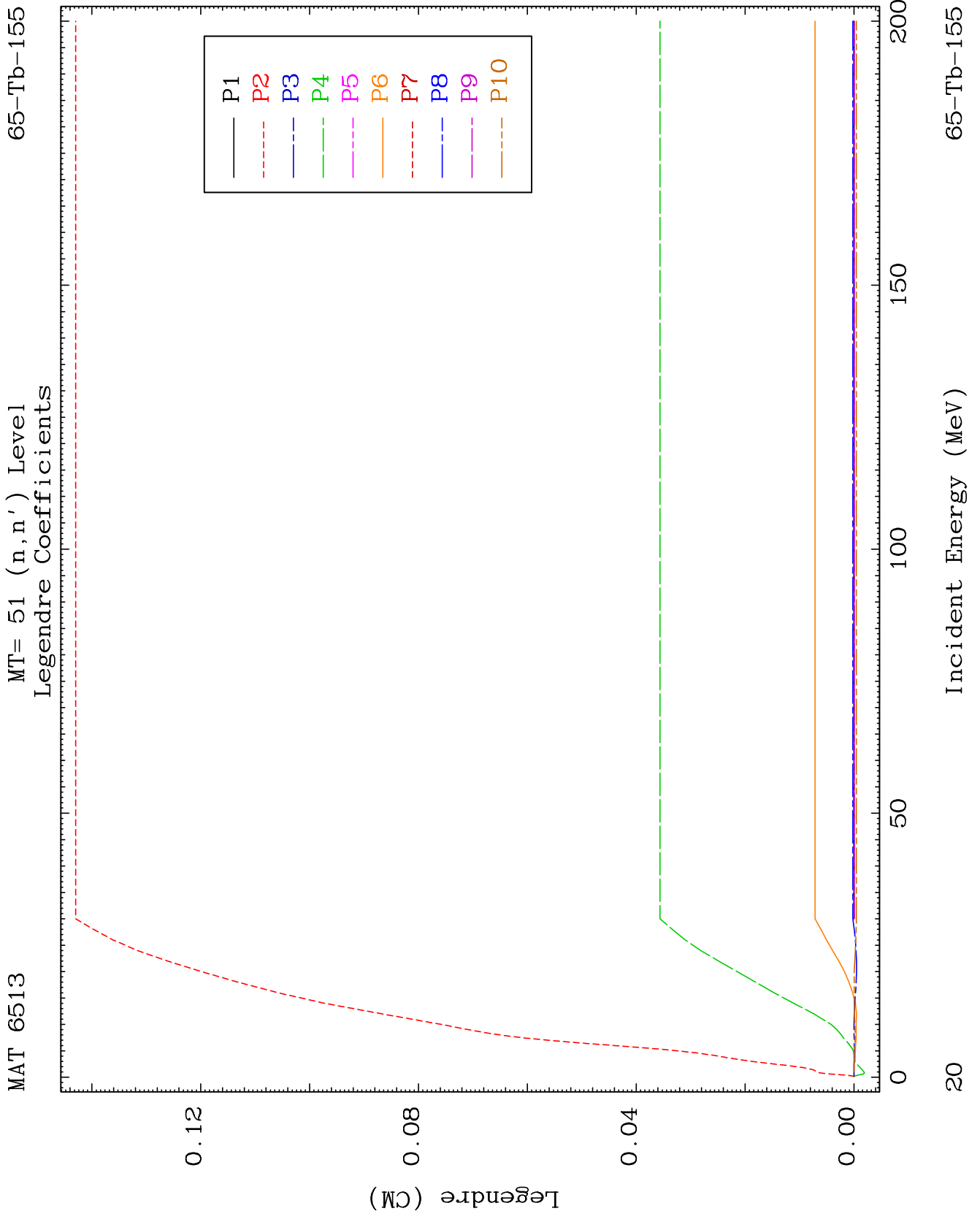
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19

Incident Energy (MeV)

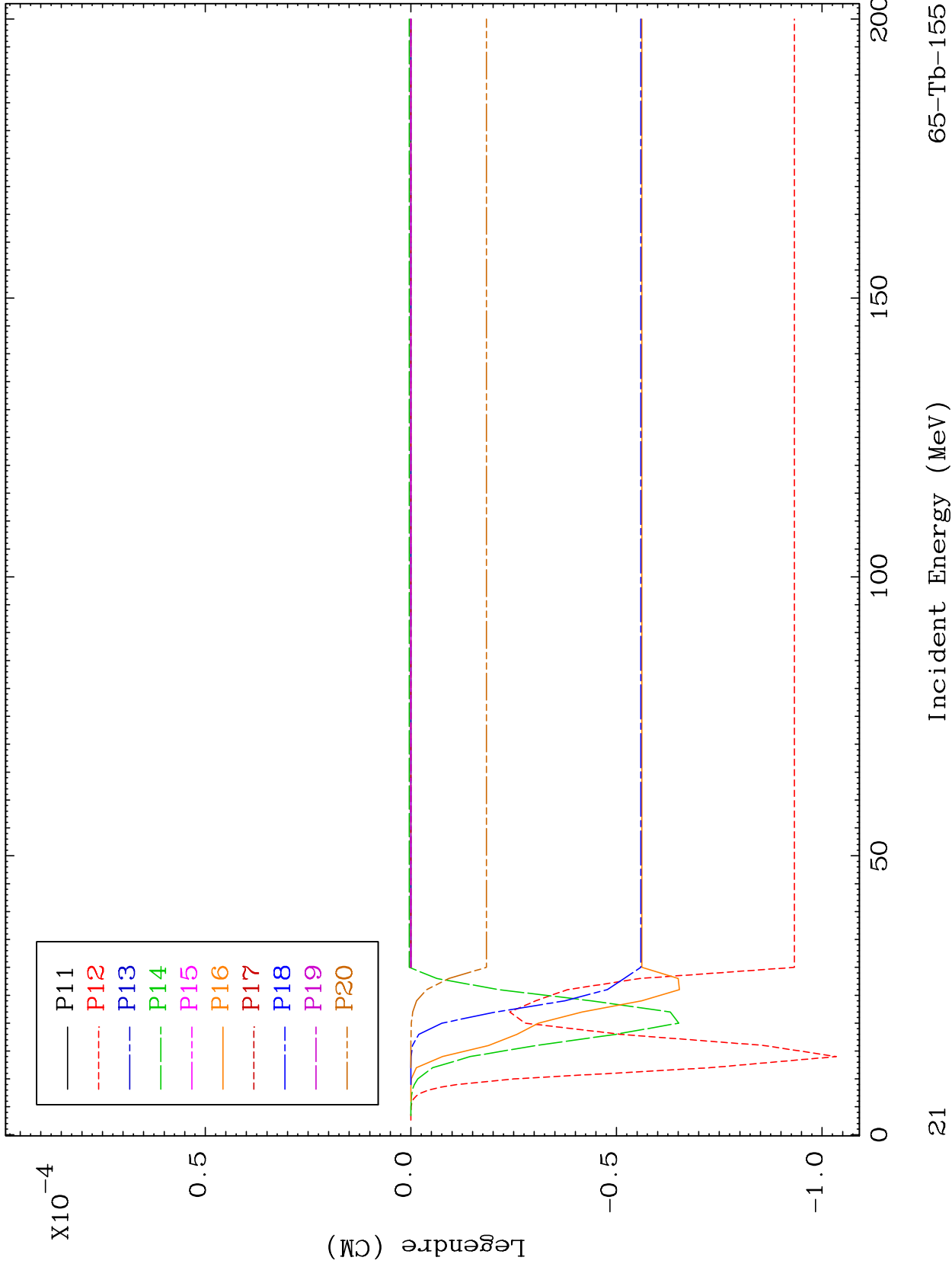
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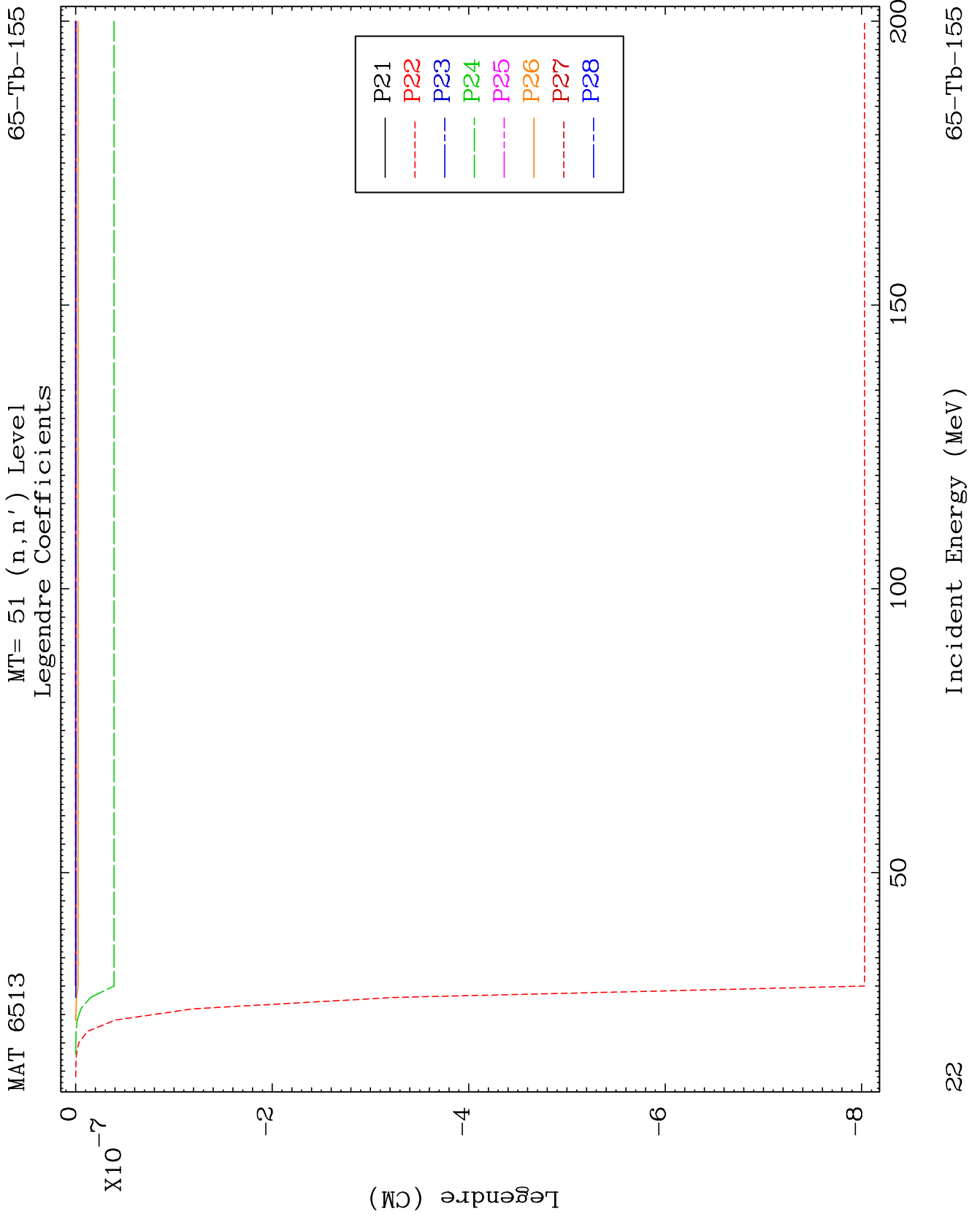


MAT 6513

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

65-Tb-155

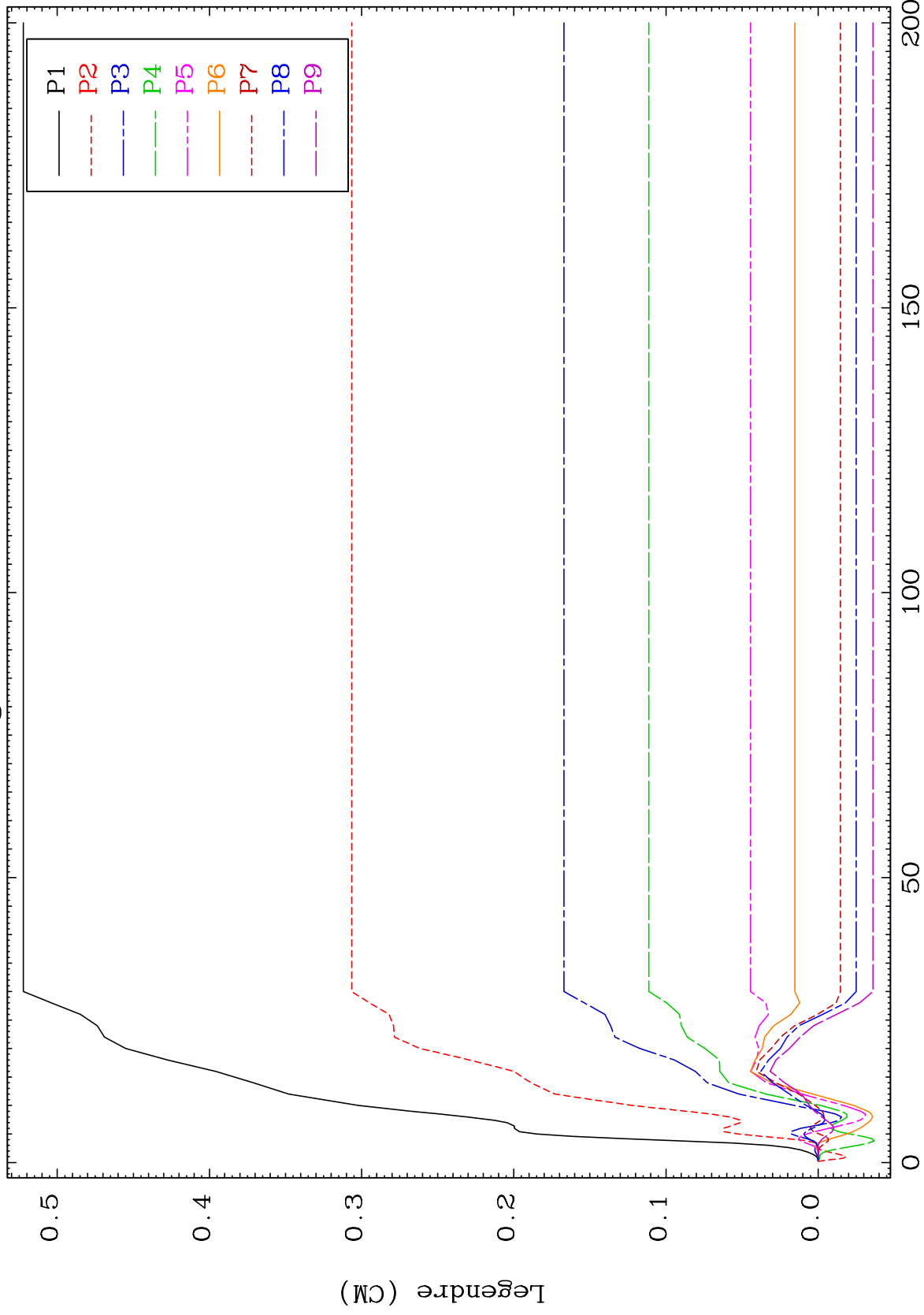




MAT 6513

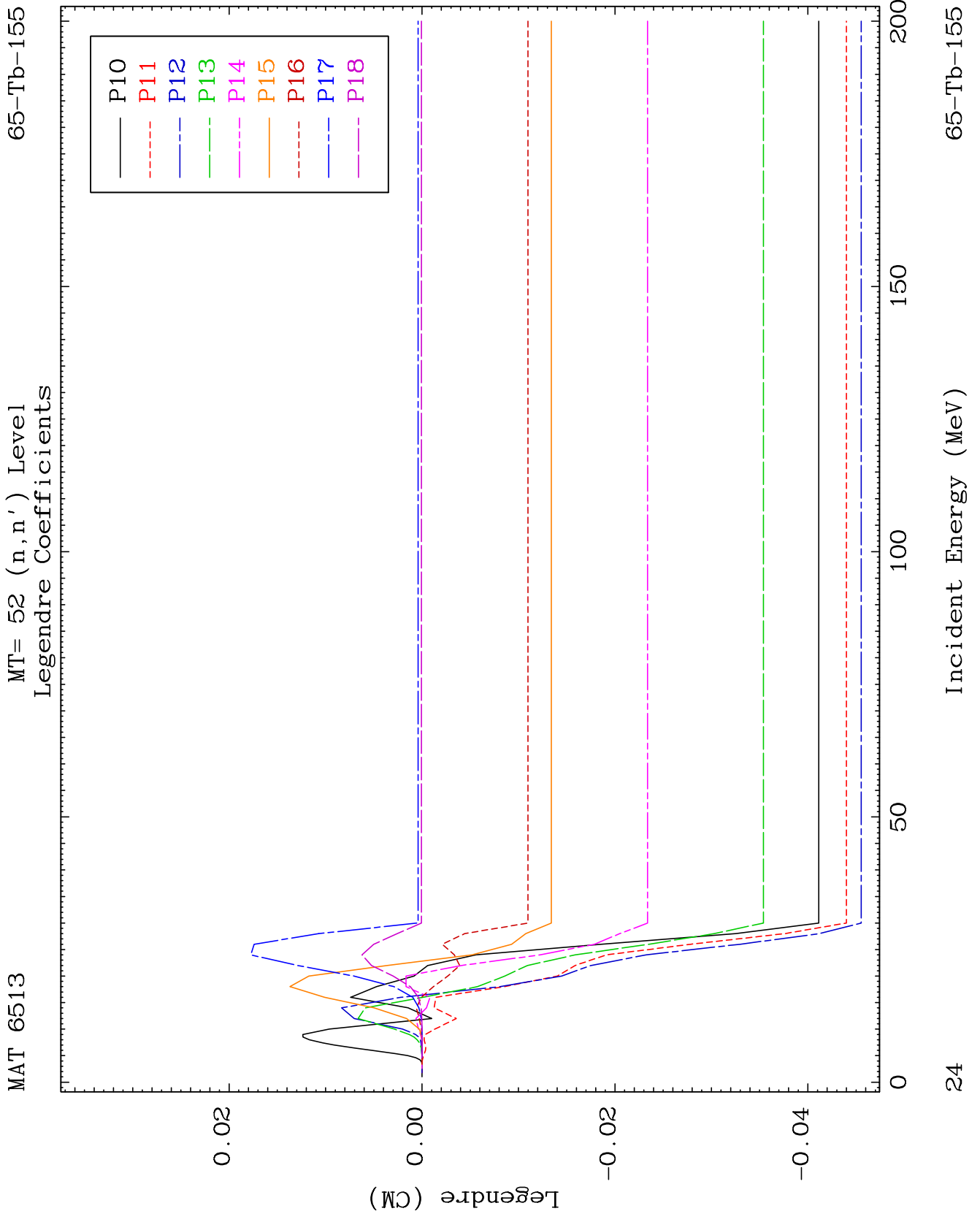
MT= 52 (n,n') Level
Legendre Coefficients

65-Tb-155



23

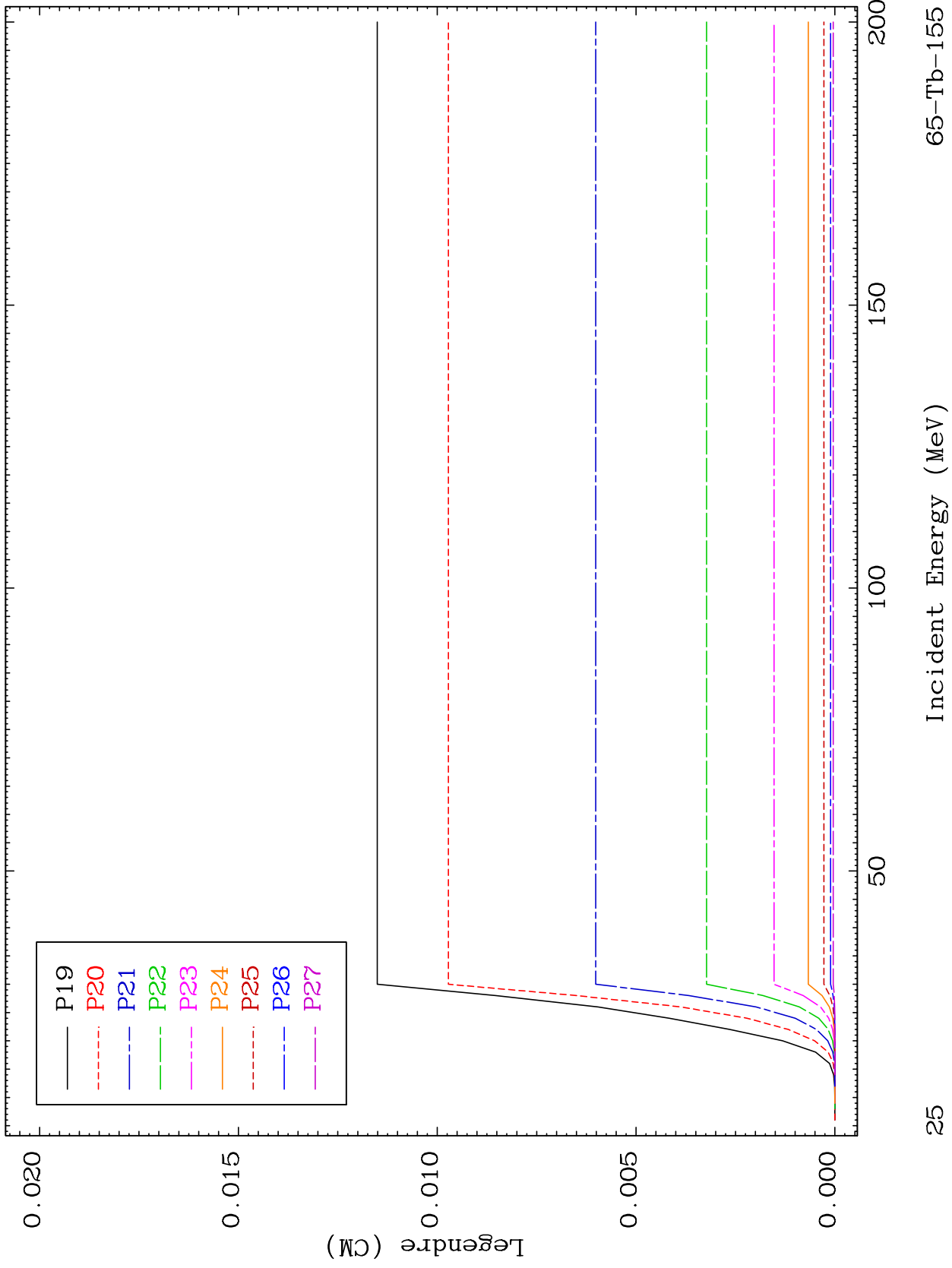
65-Tb-155



MAT 6513

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

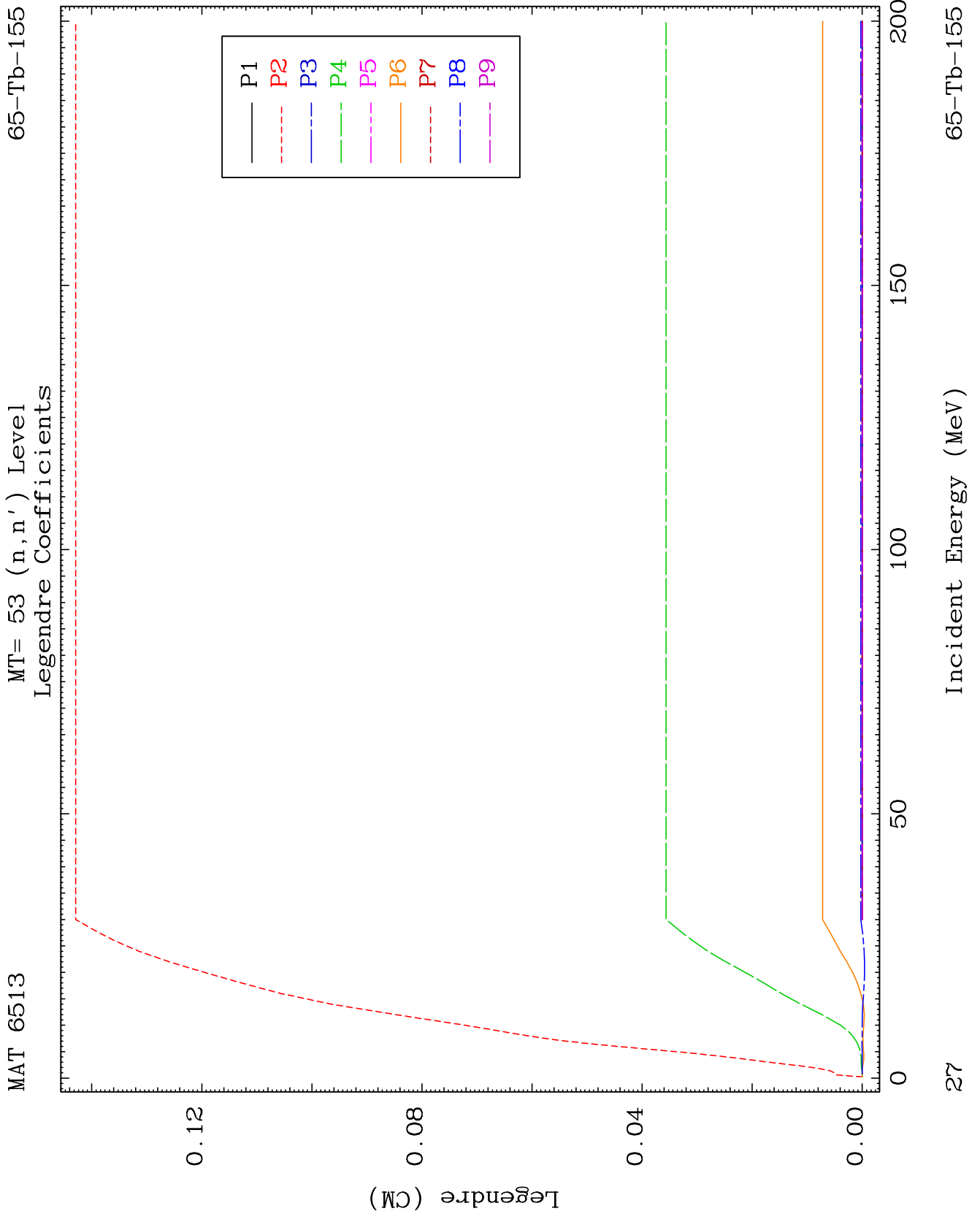
65-Tb-155



25

Incident Energy (MeV)

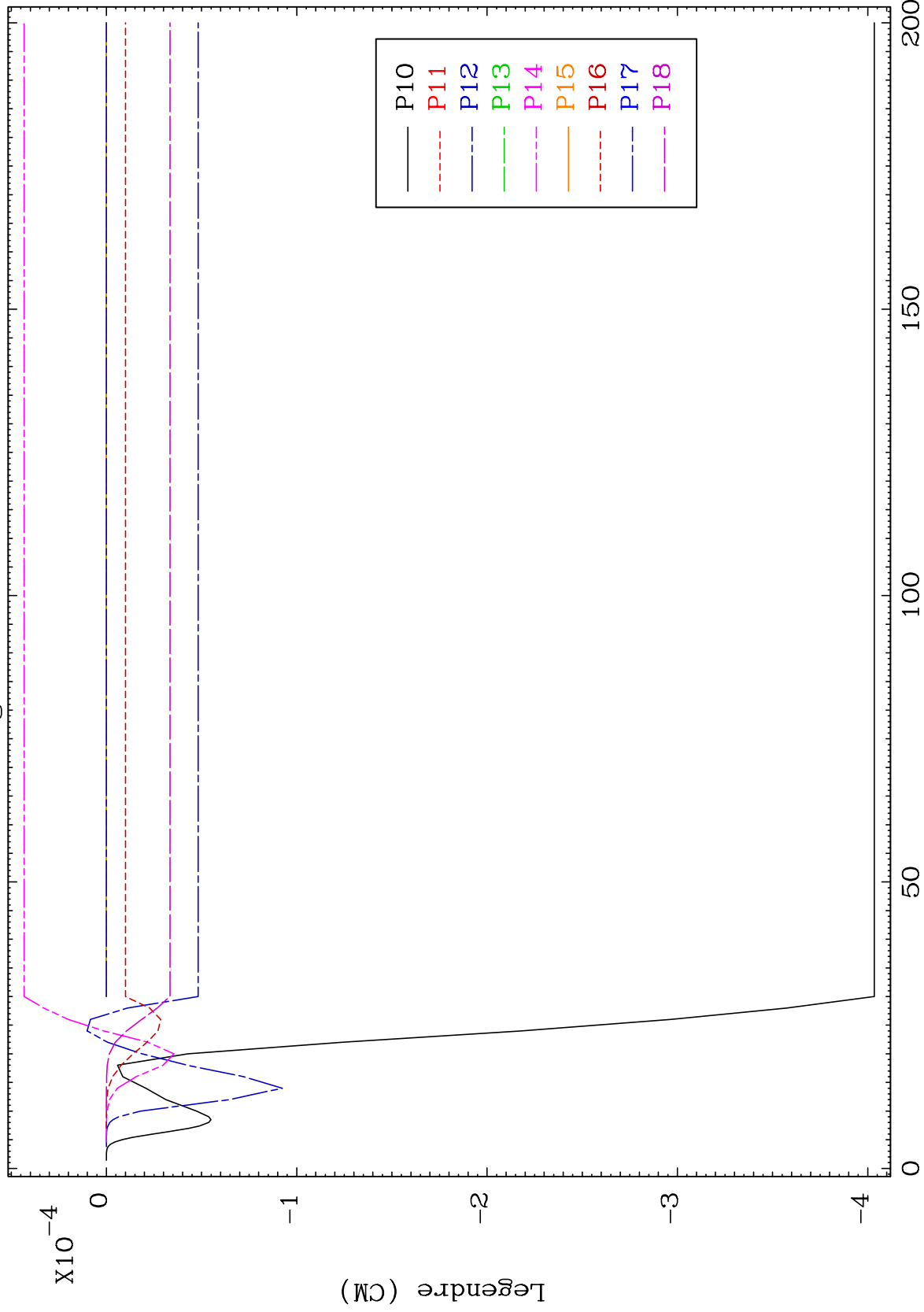
65-Tb-155



MAT 6513

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

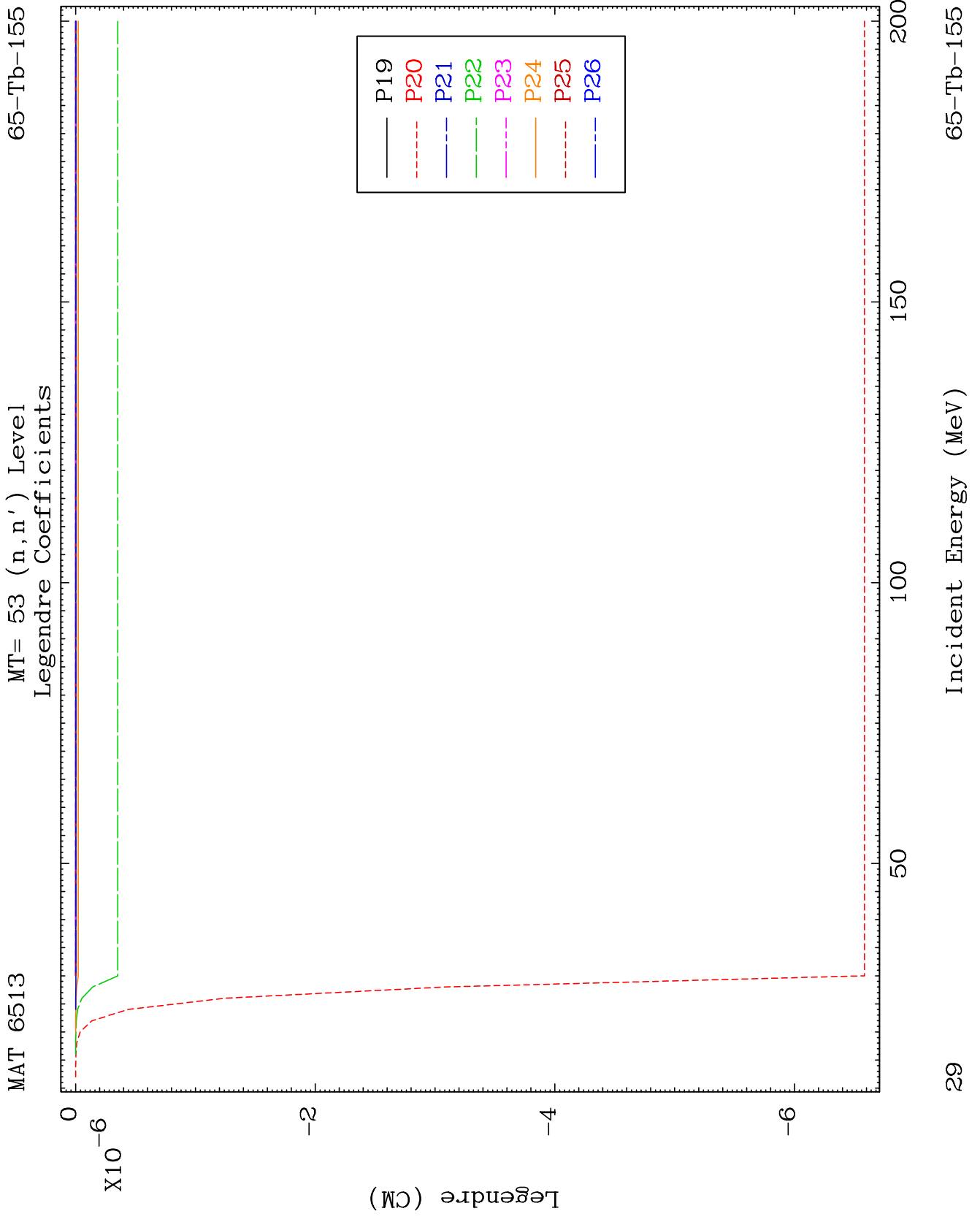
65-Tb-155



28

Incident Energy (MeV)

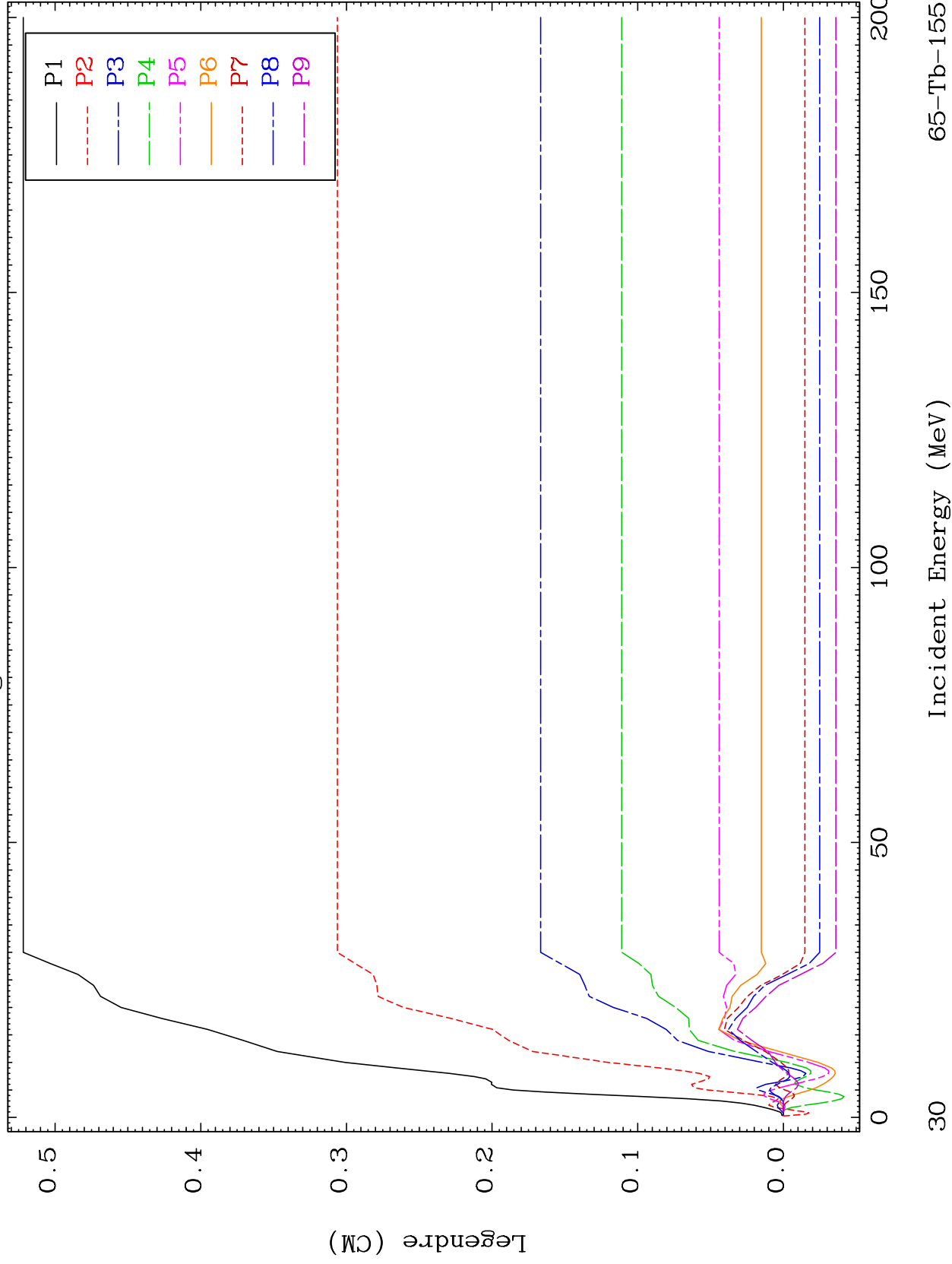
65-Tb-155



MAT 6513

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

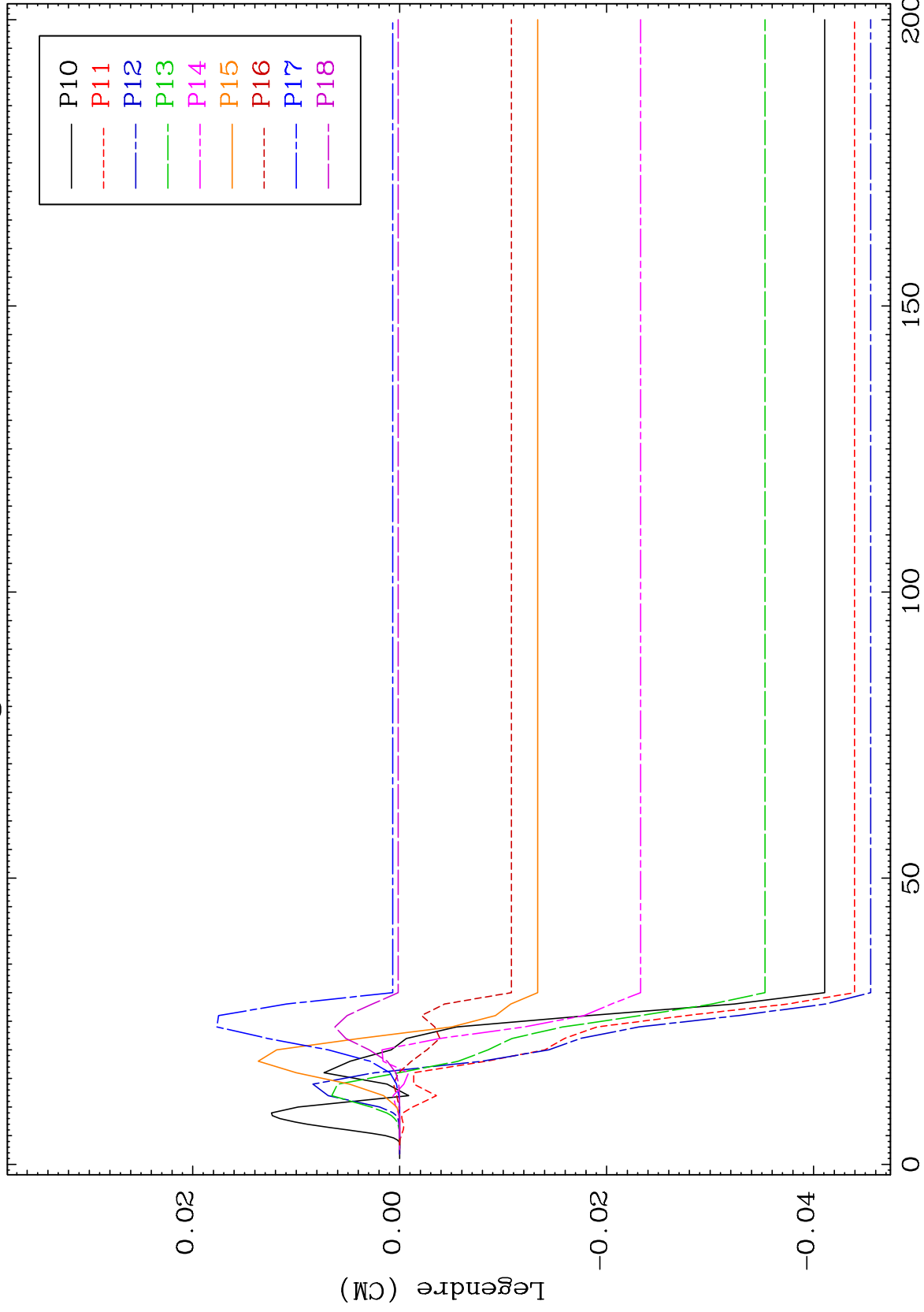
65-Tb-155



MAT 6513

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

65-Tb-155



31

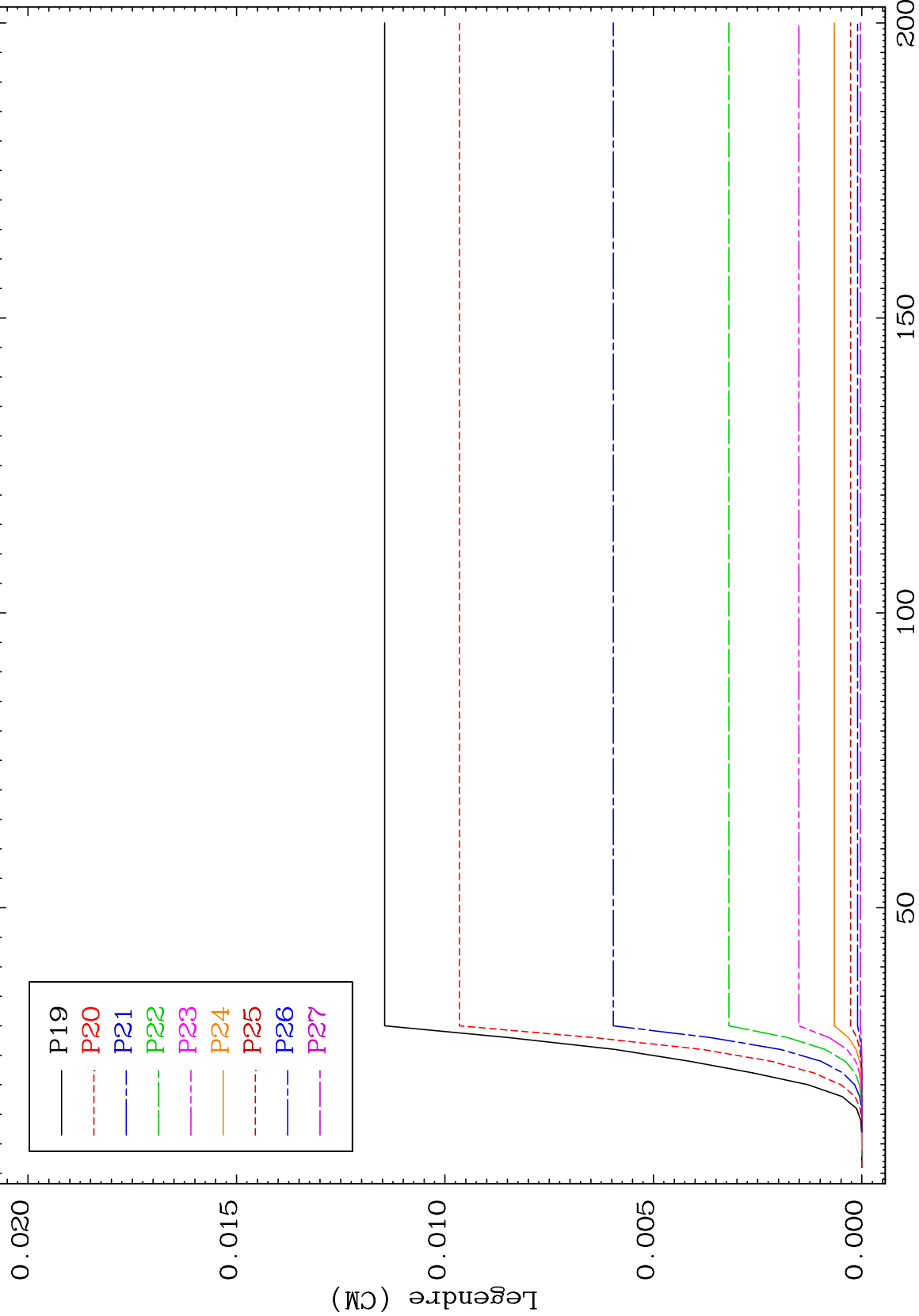
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

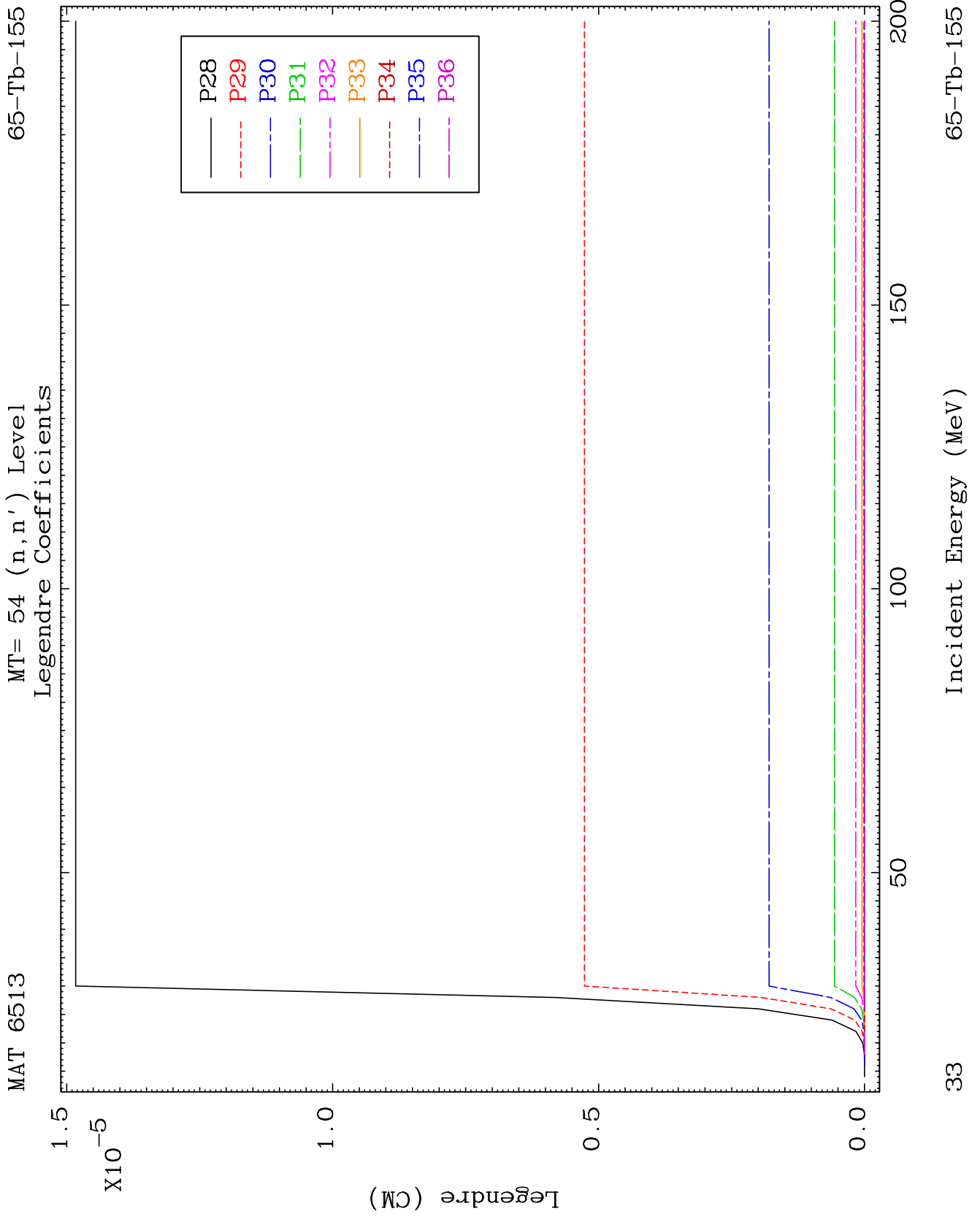
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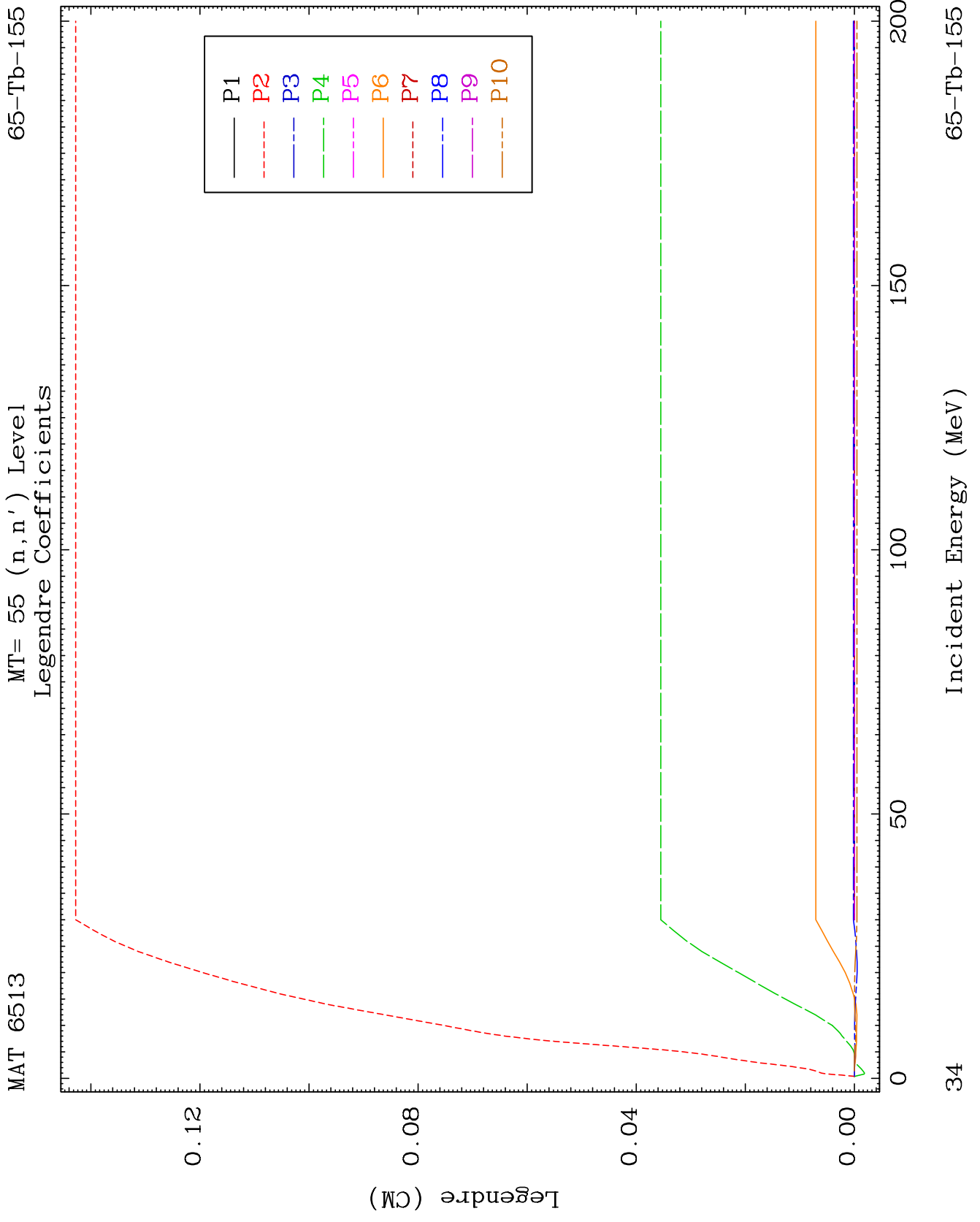


32

Incident Energy (MeV)

65-Tb-155

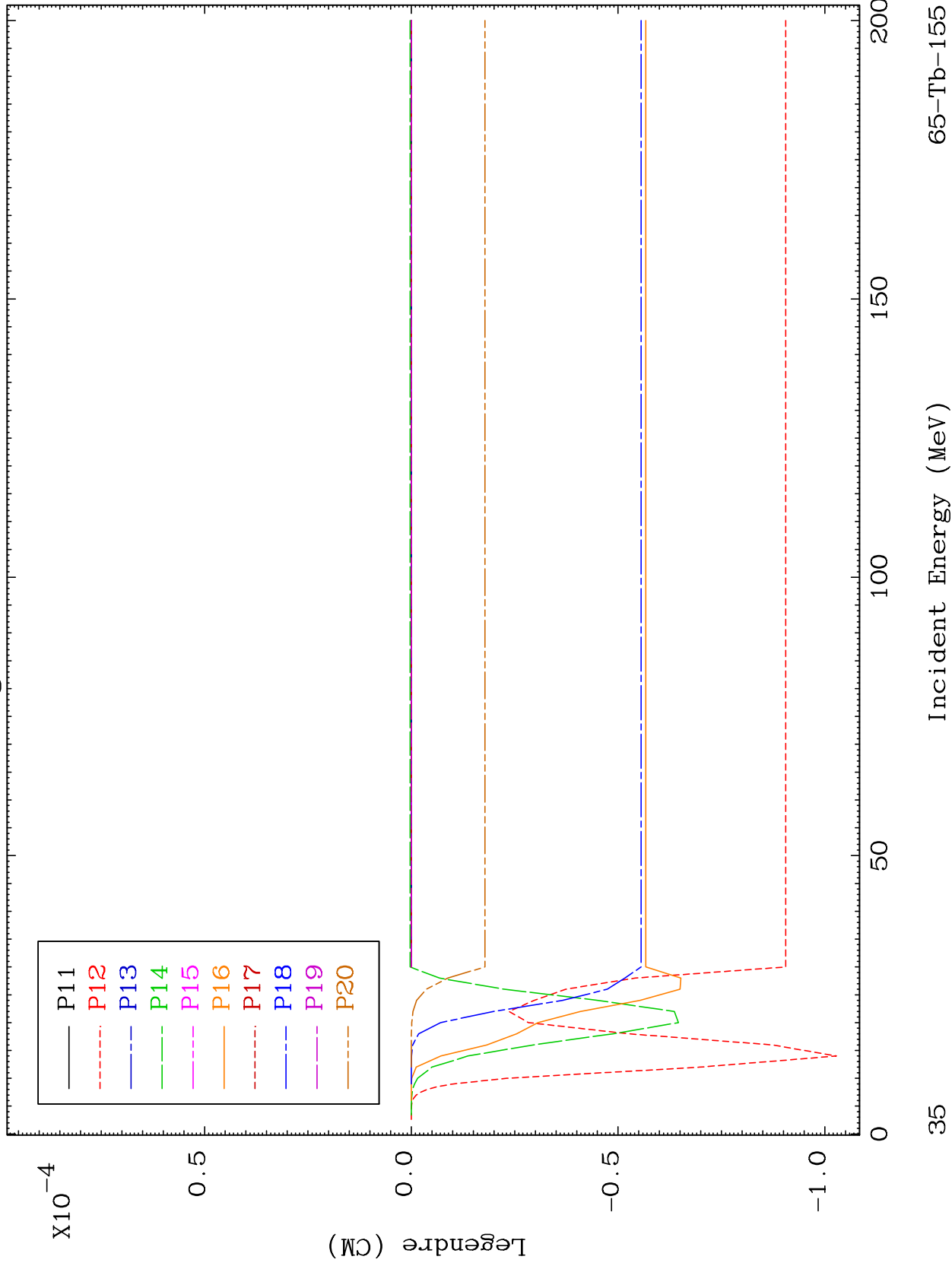




MAT 6513

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

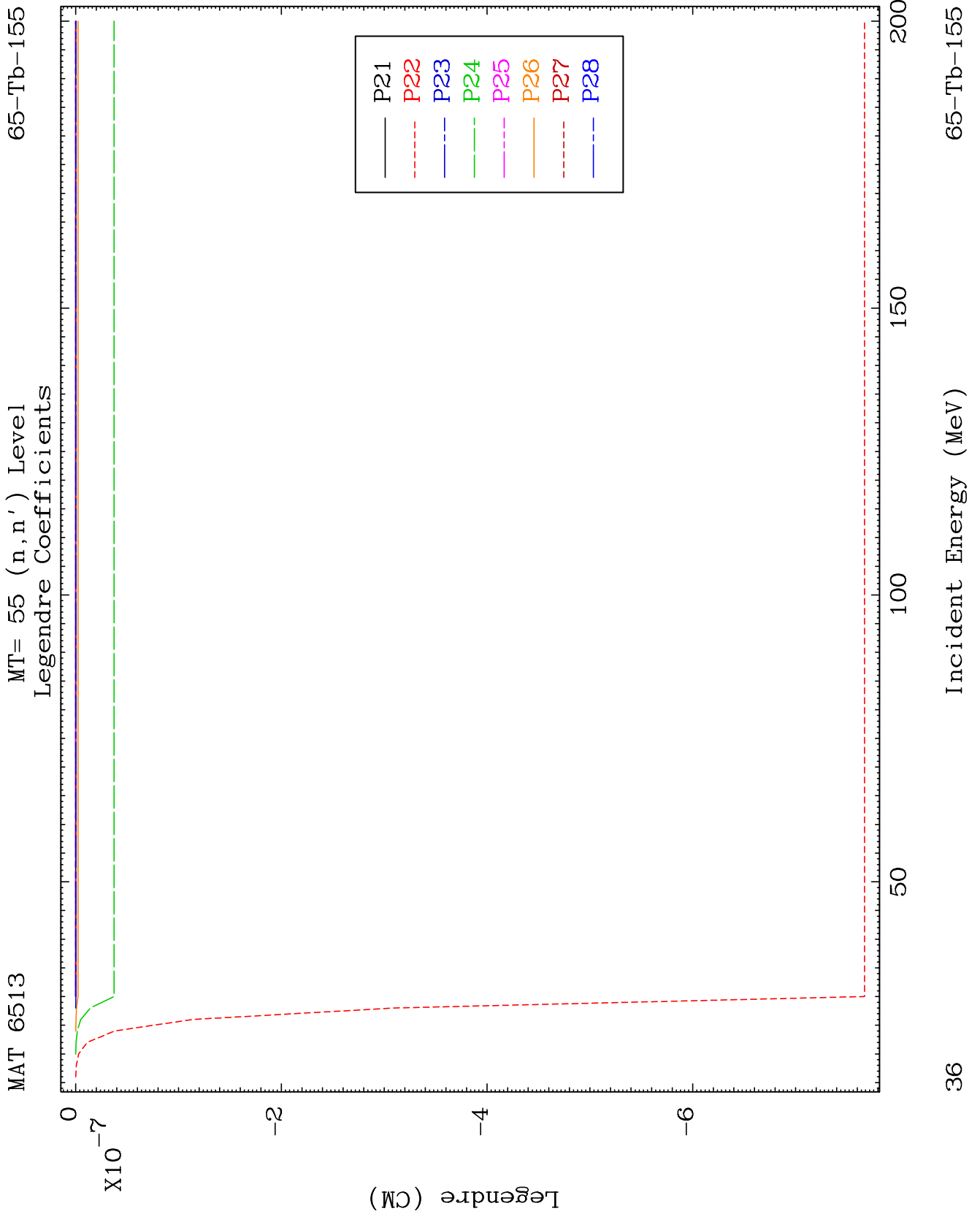
65-Tb-155



35

Incident Energy (MeV)

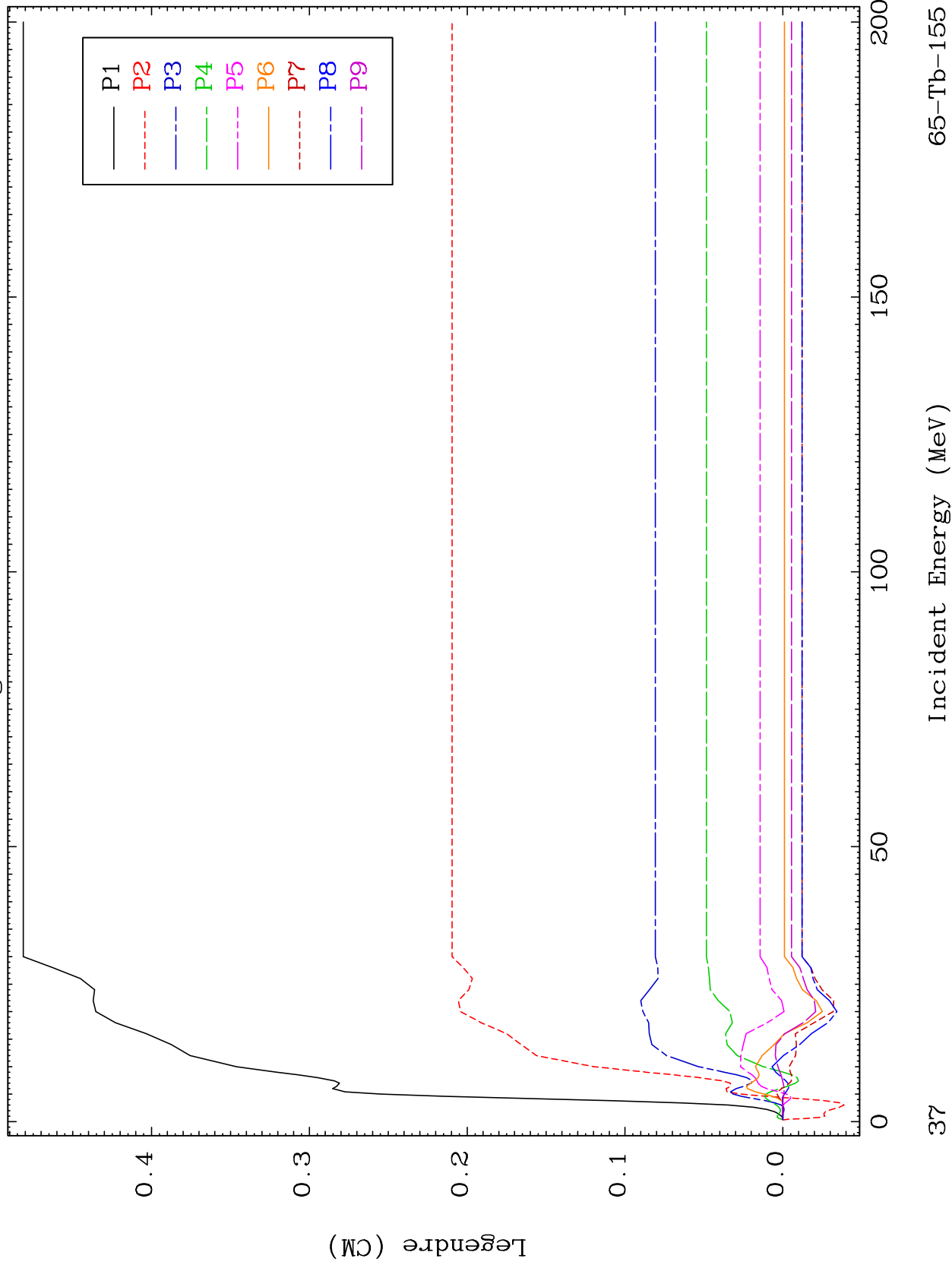
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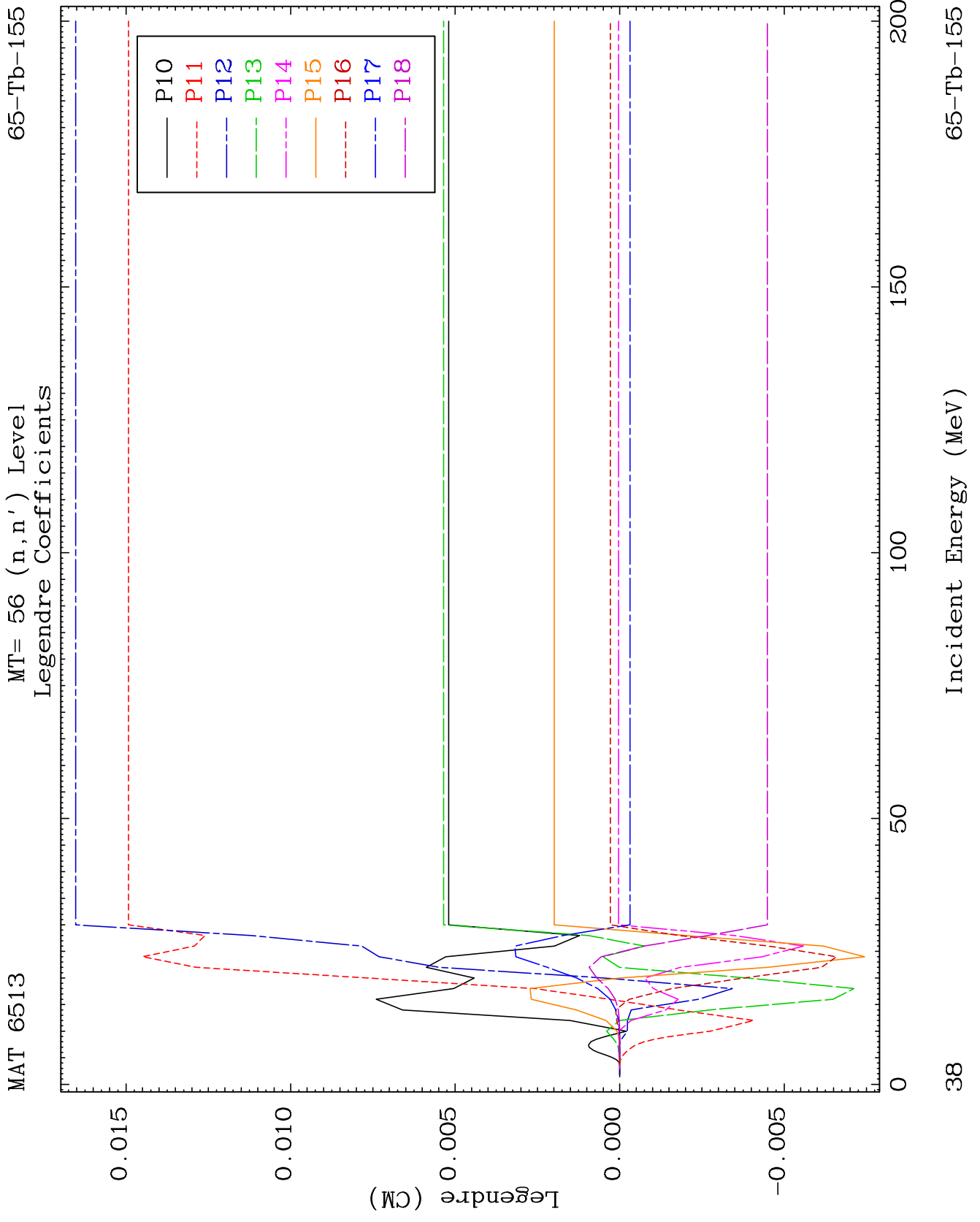


MAT 6513

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

65-Tb-155

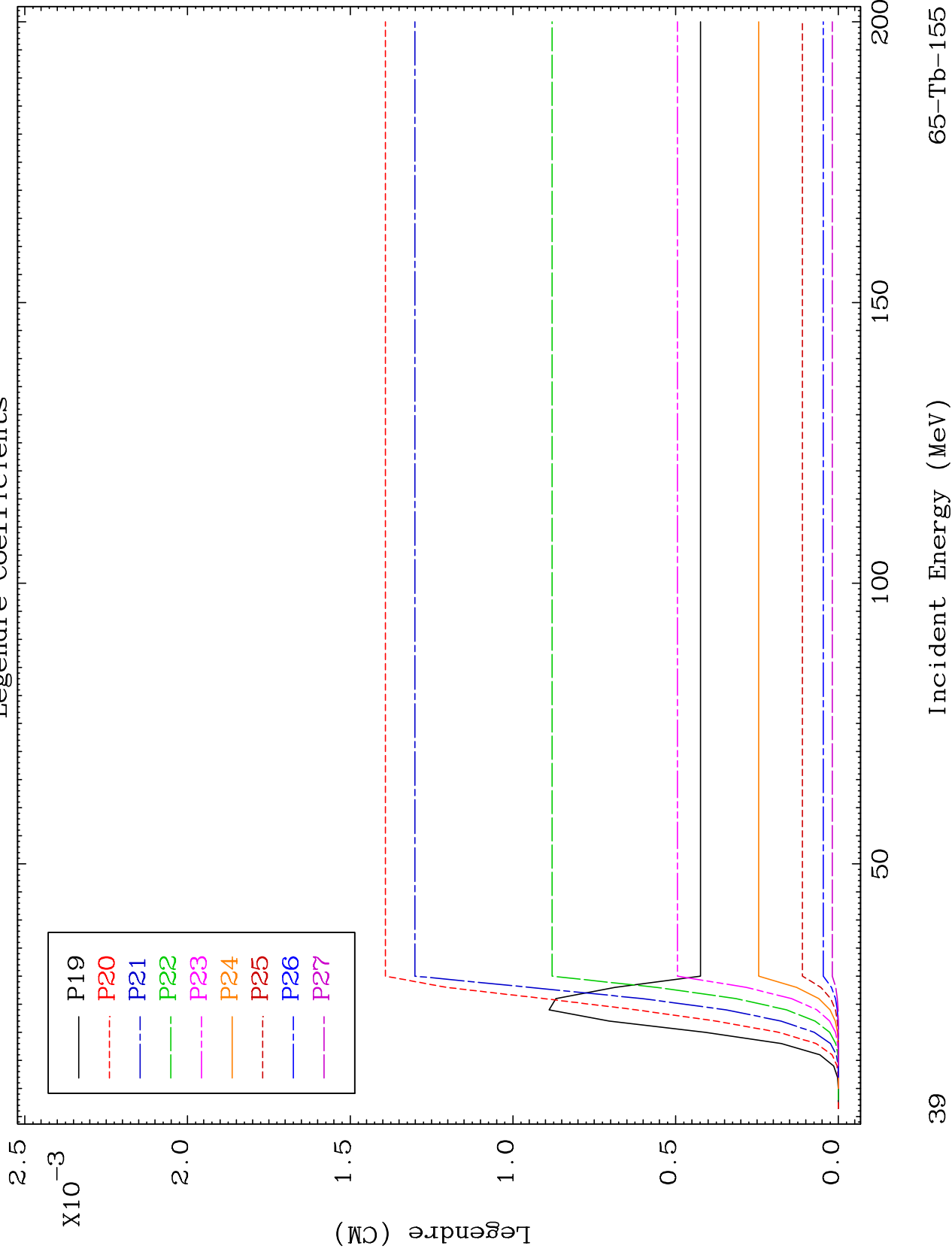




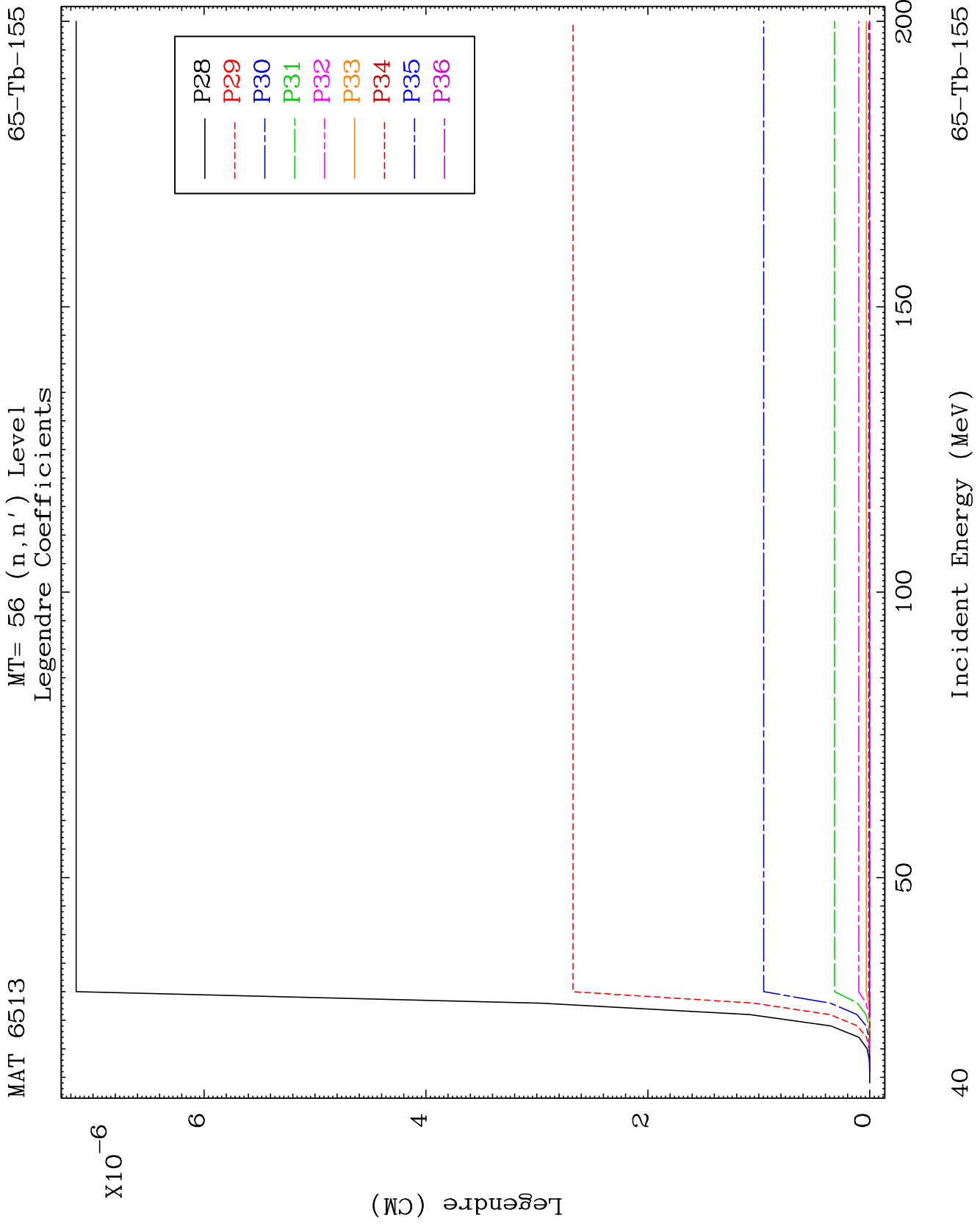
MAT 6513

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

65-Tb-155



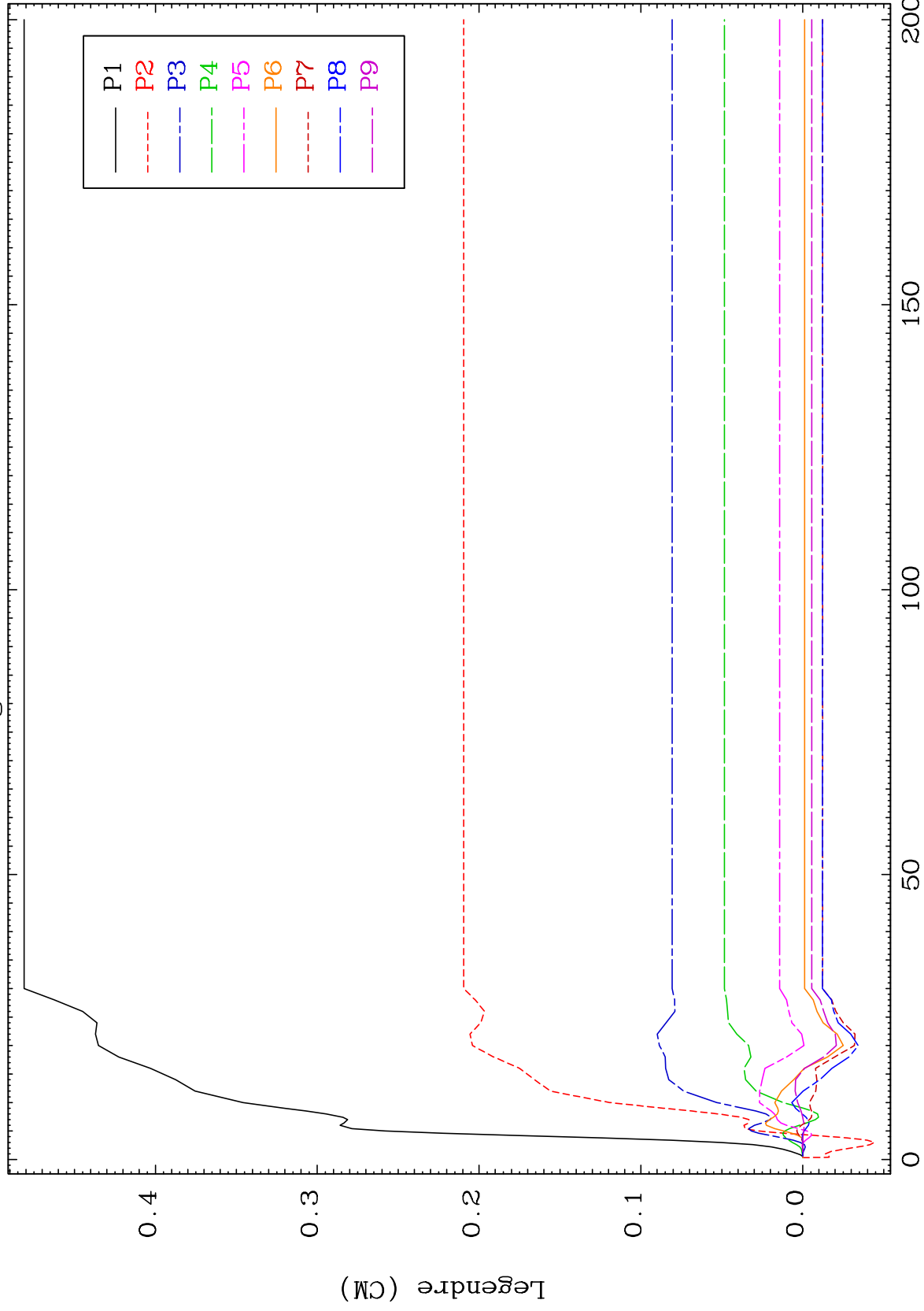
39



MAT 6513

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

65-Tb-155



41

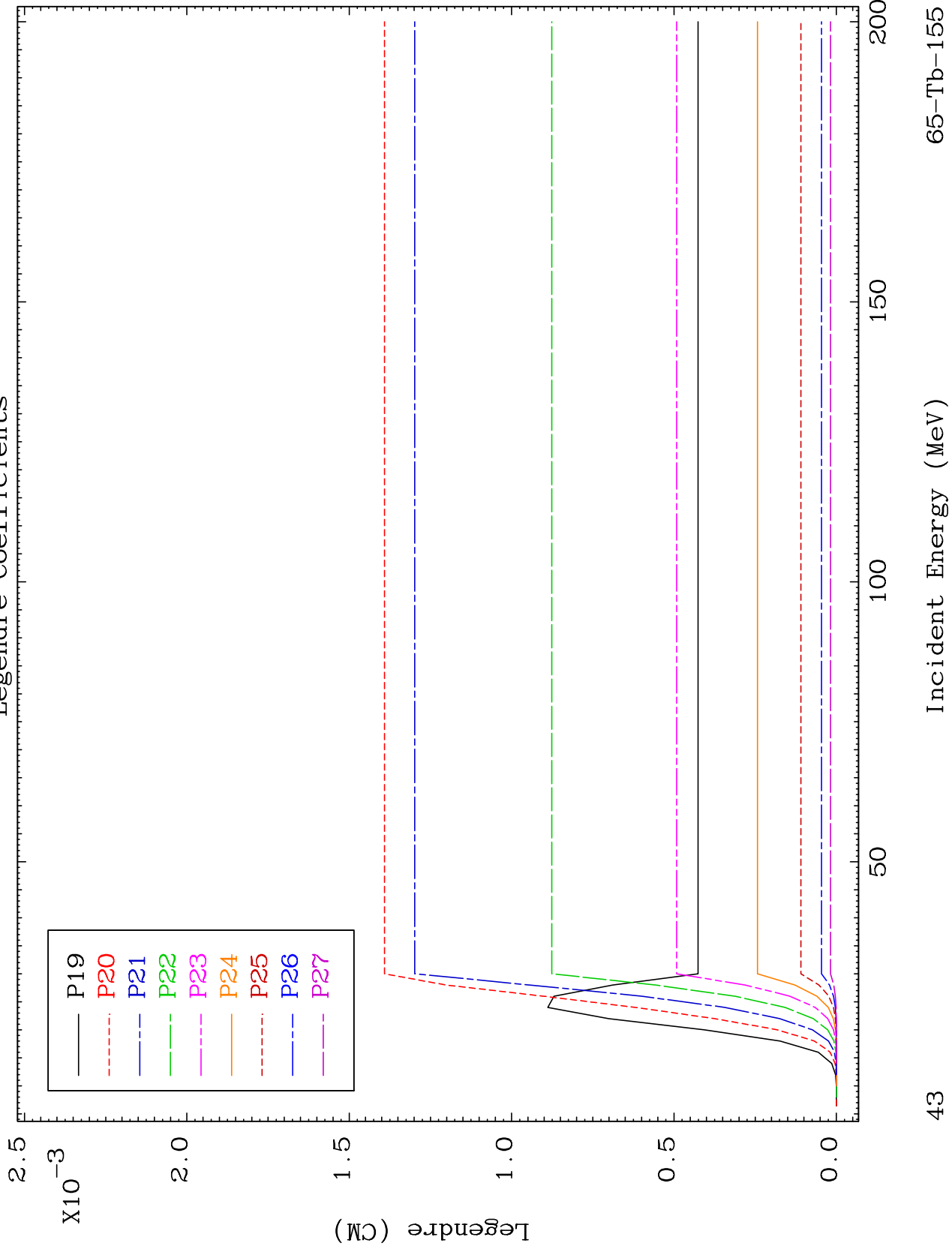
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

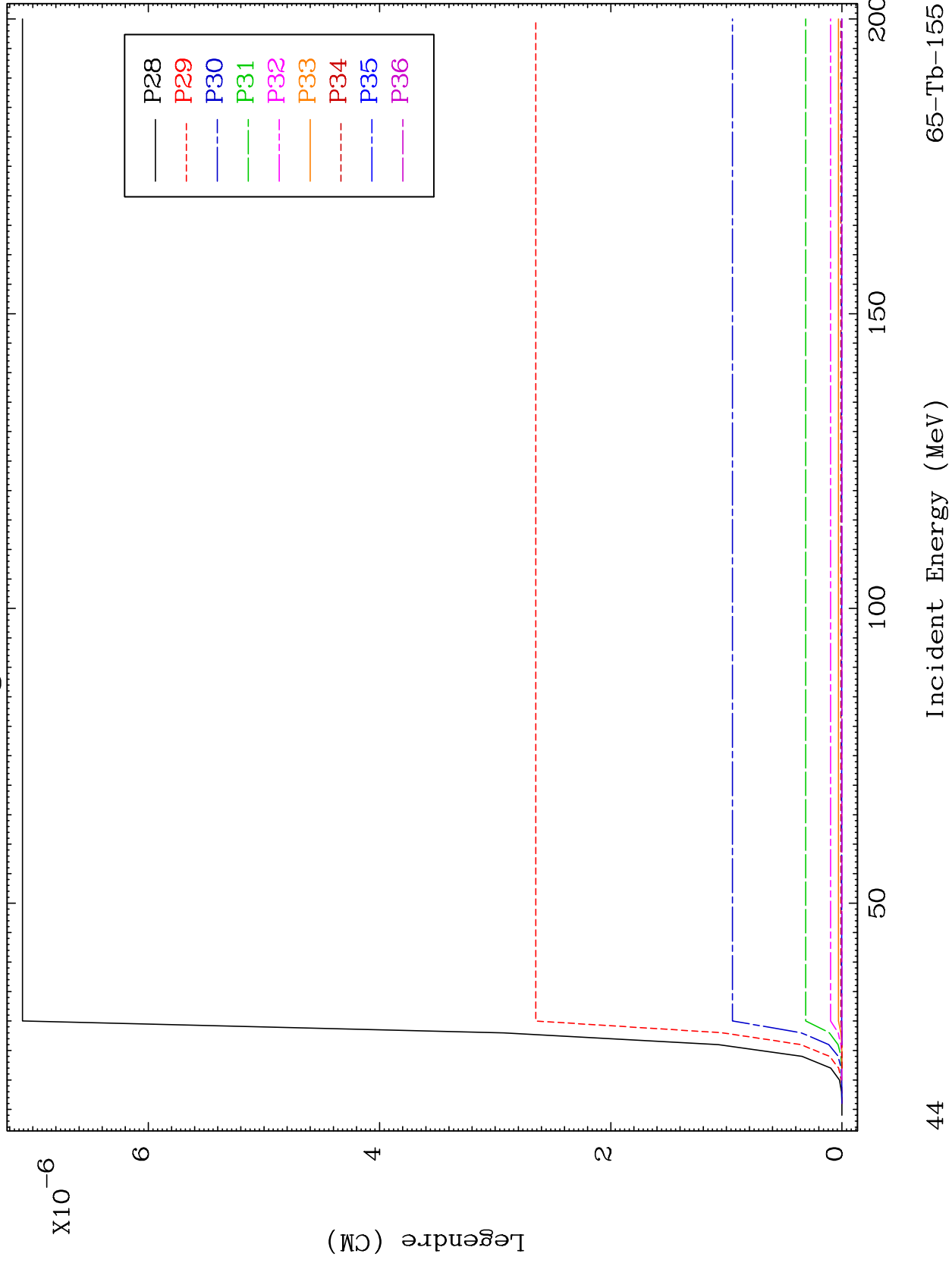
65-Tb-155



MAT 6513

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

65-Tb-155



44

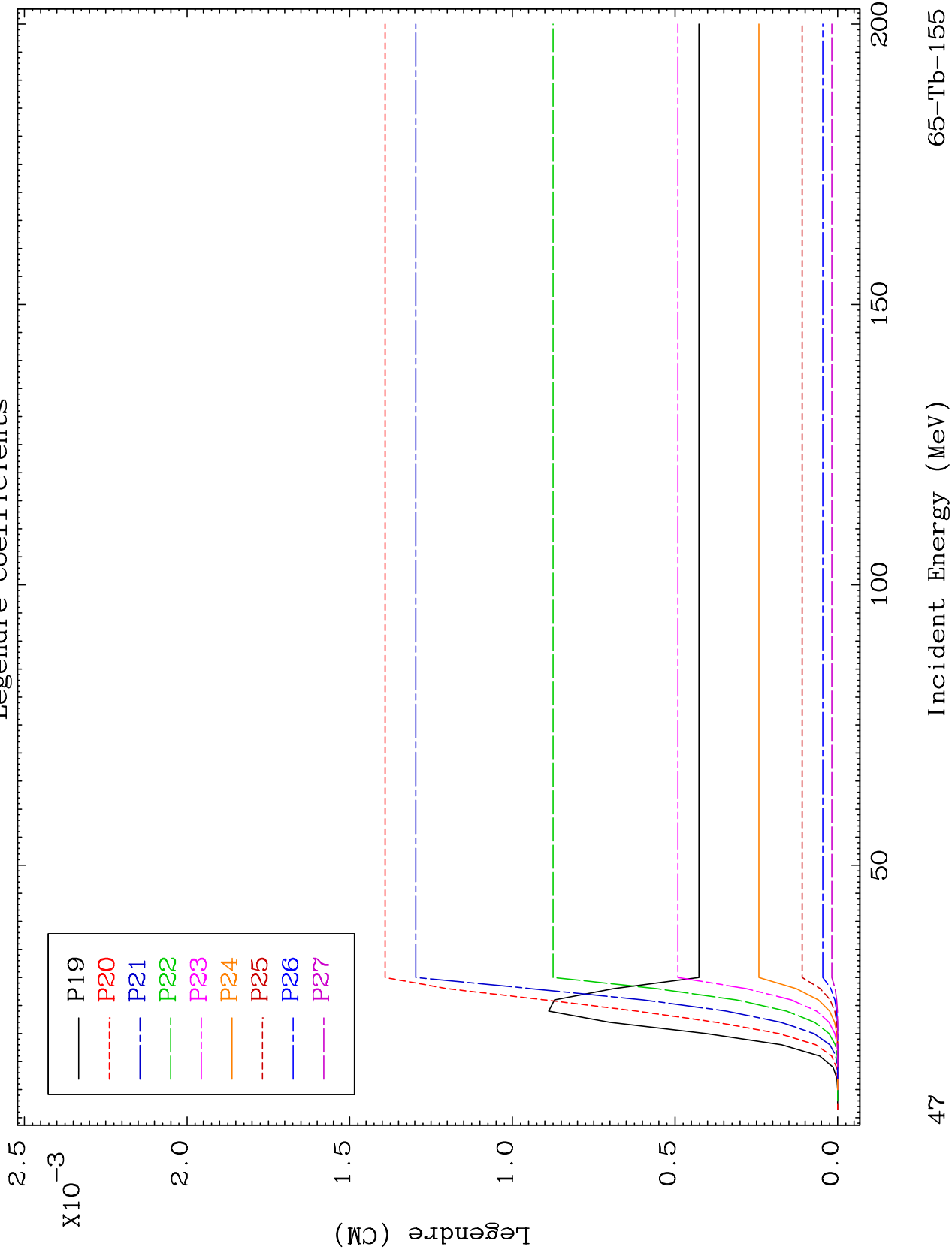
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

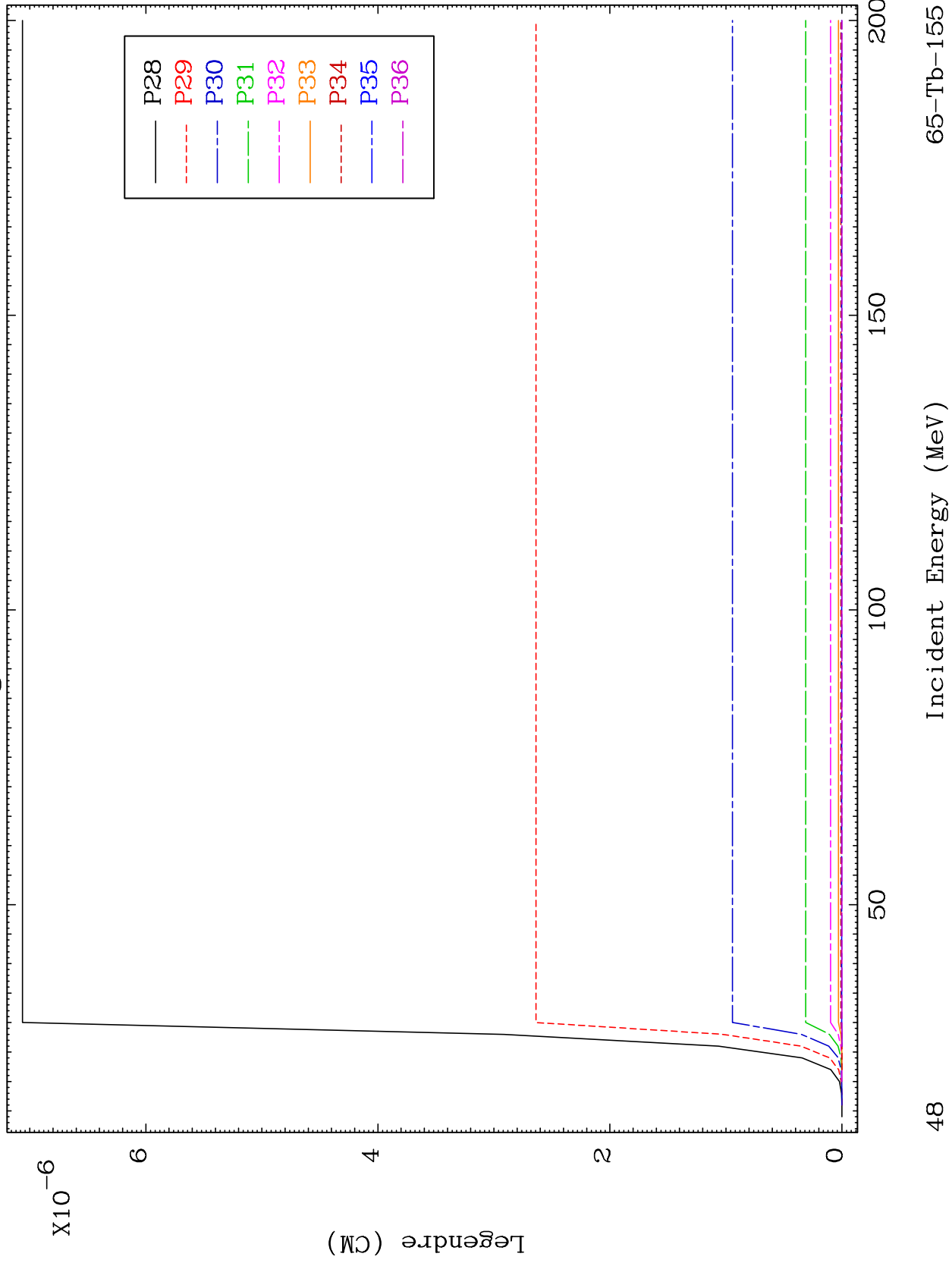
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MAT 6513

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

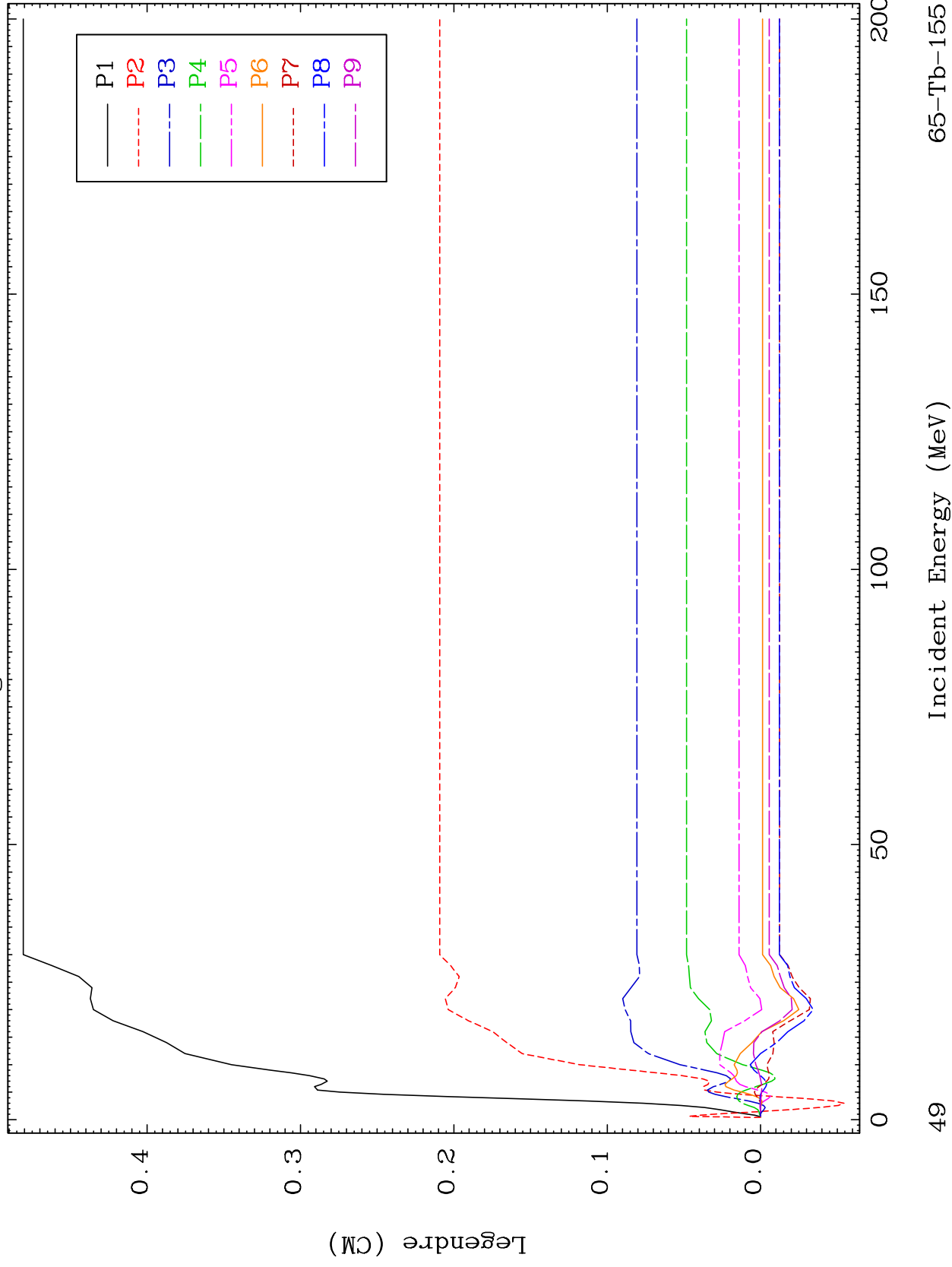
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MAT 6513

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

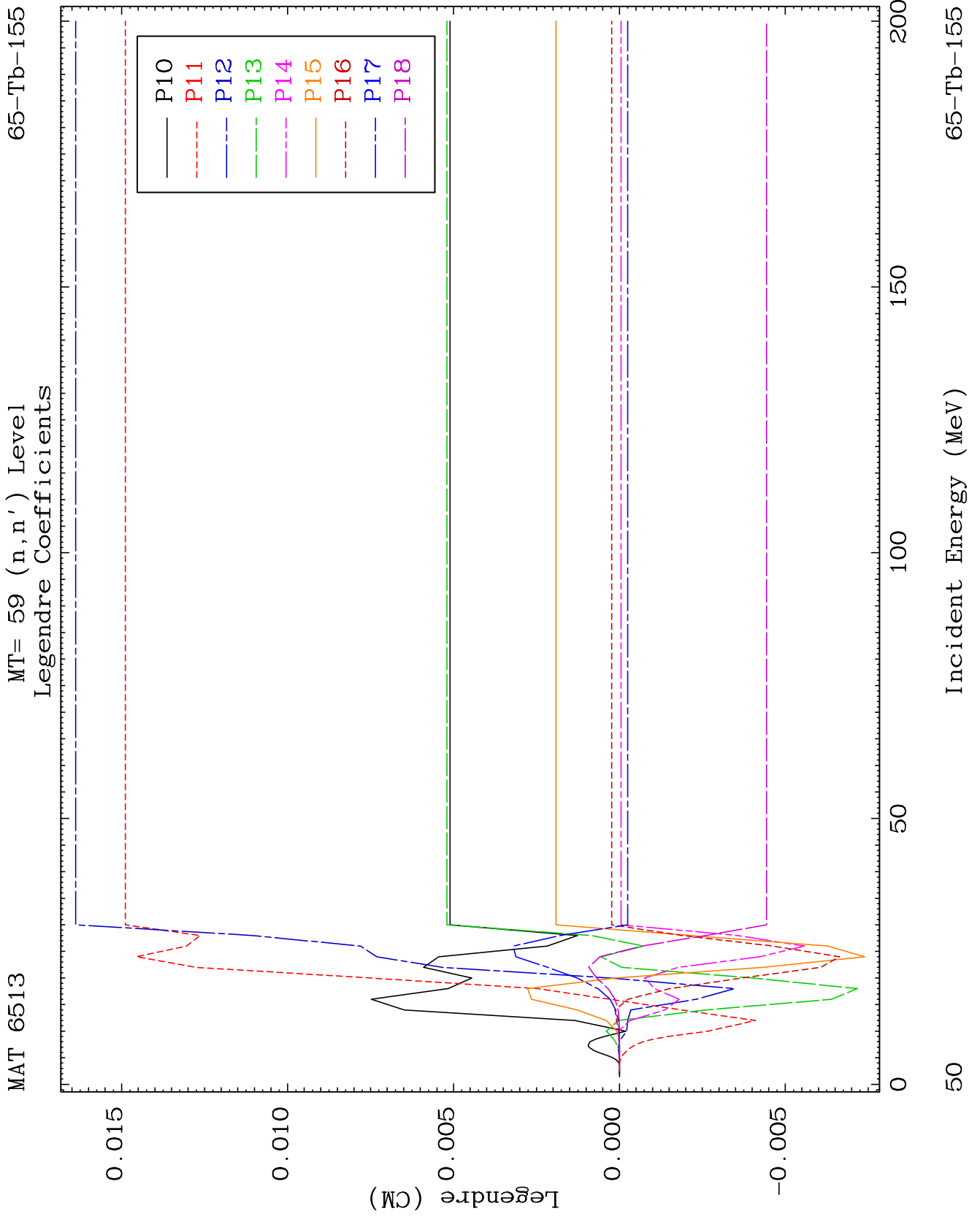
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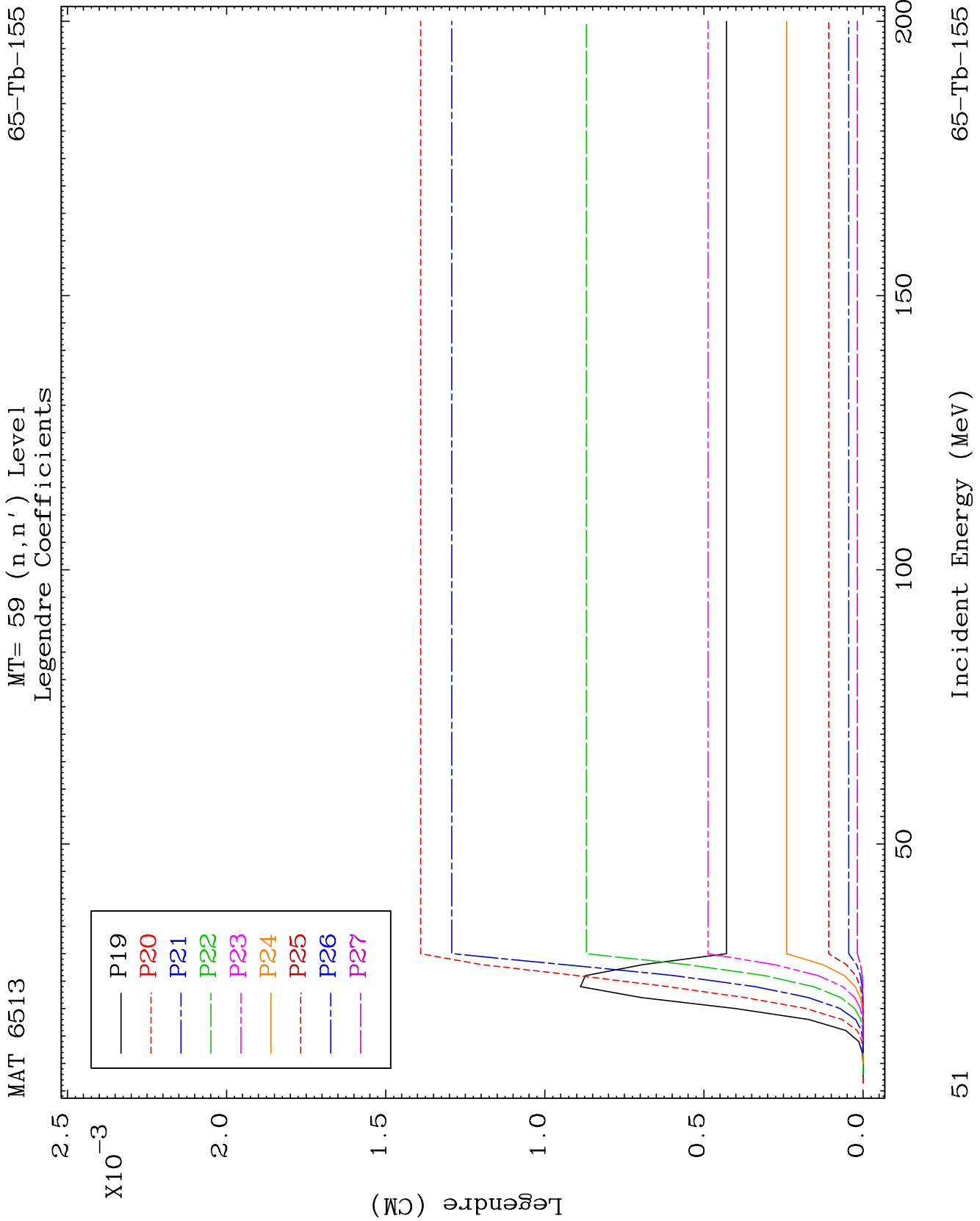


65-Tb-155

Incident Energy (MeV)

49

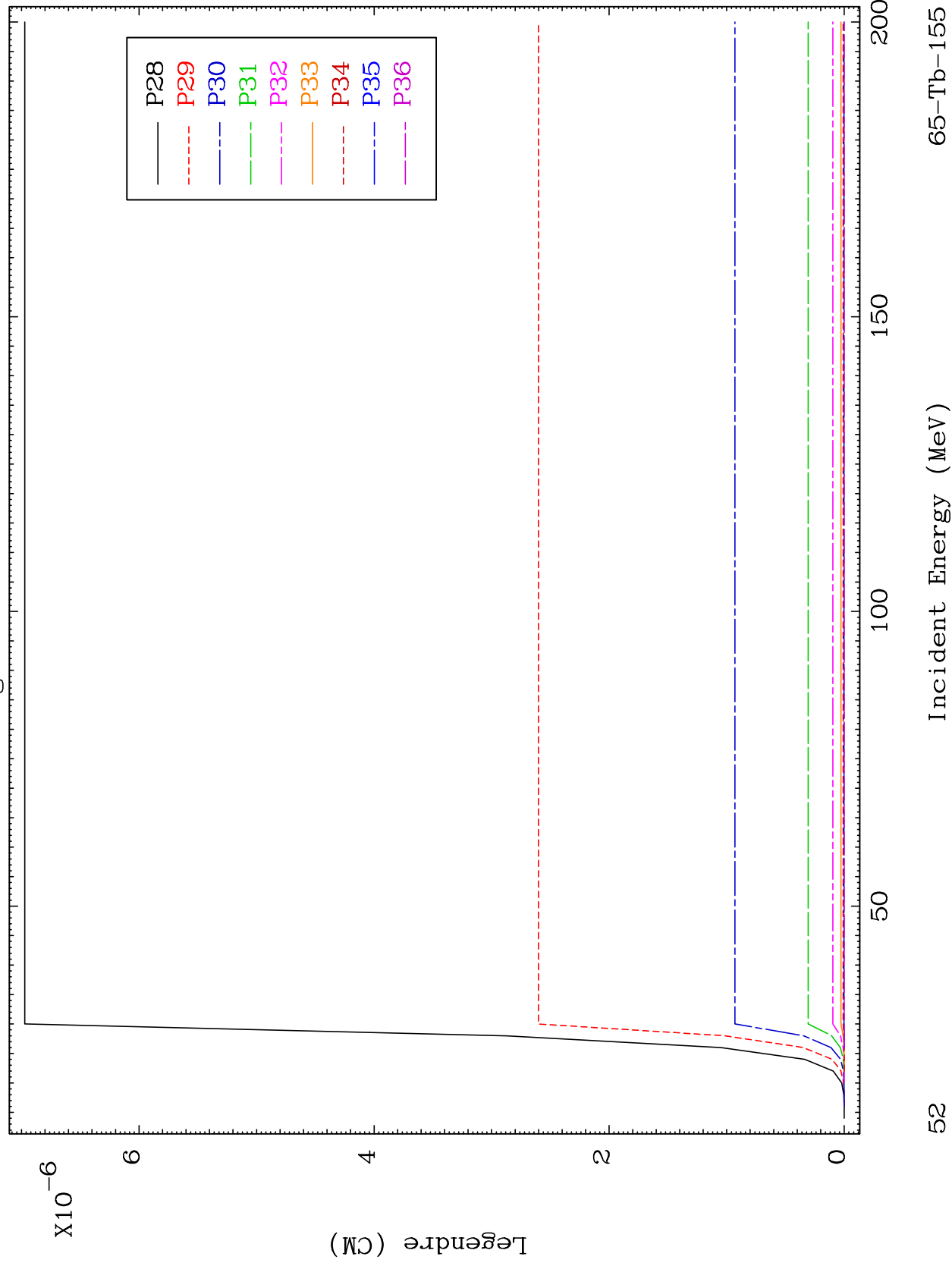




MAT 6513

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

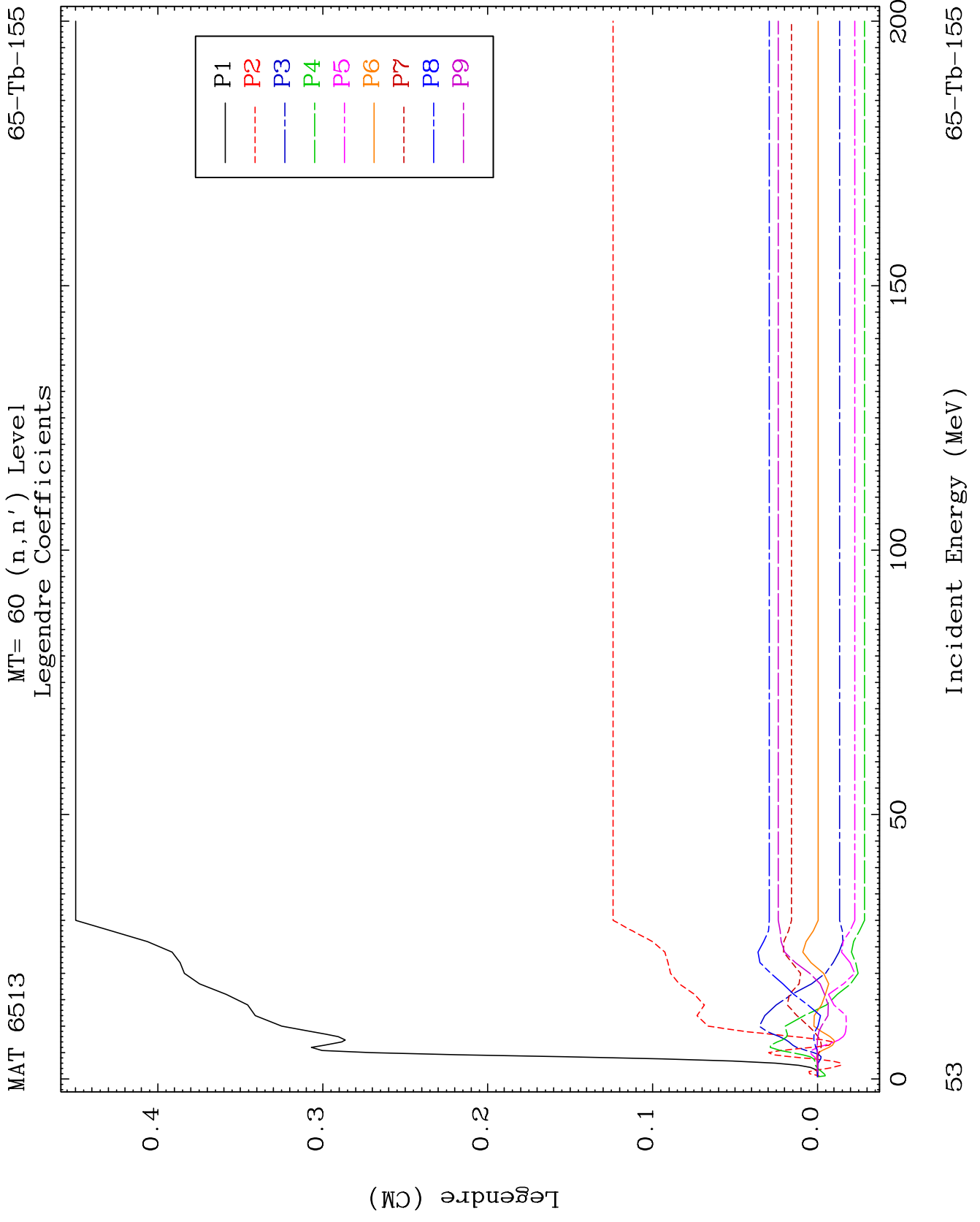
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Incident Energy (MeV)

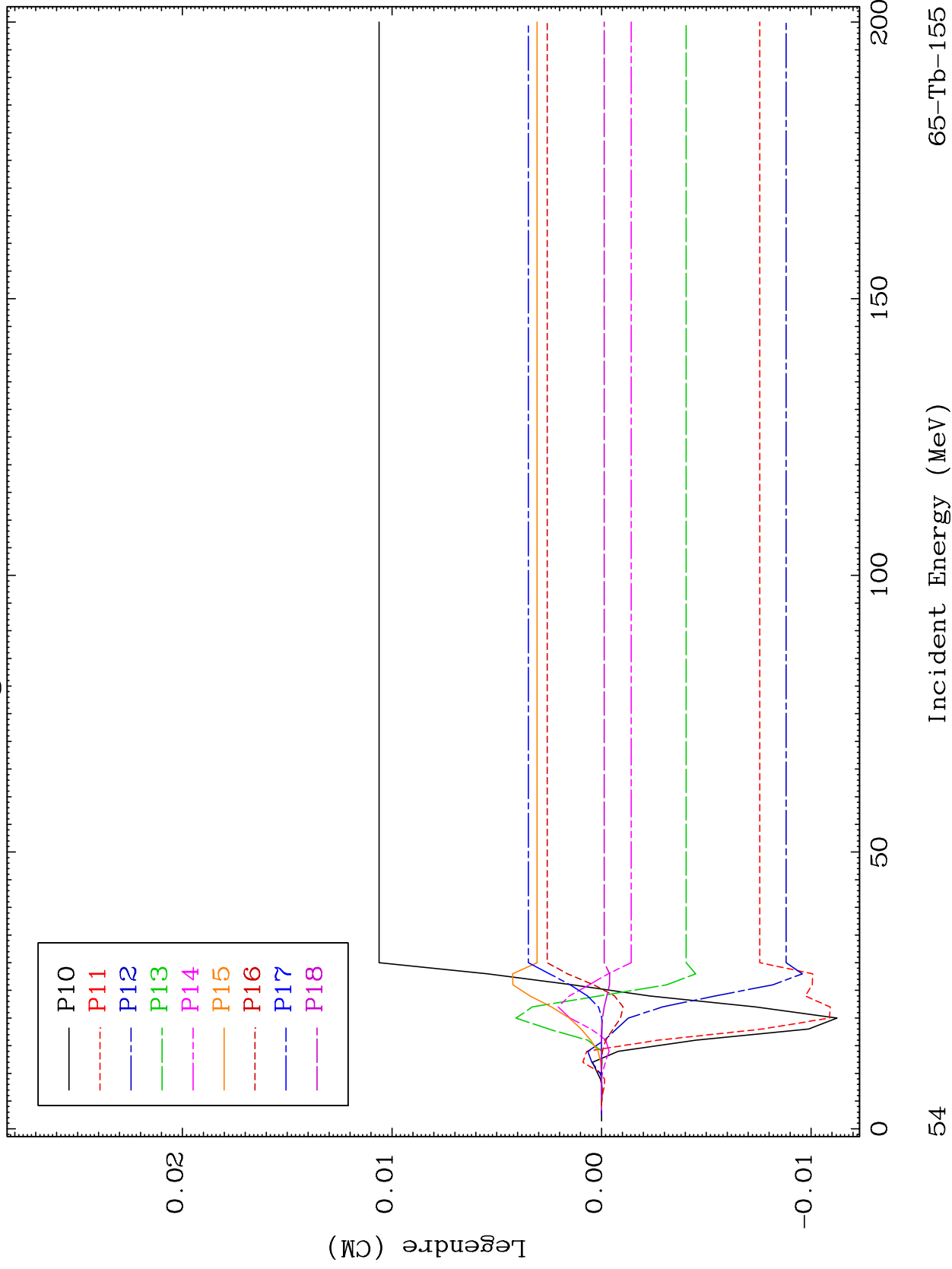
65-Tb-155



MAT 6513

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

65-Tb-155



65-Tb-155

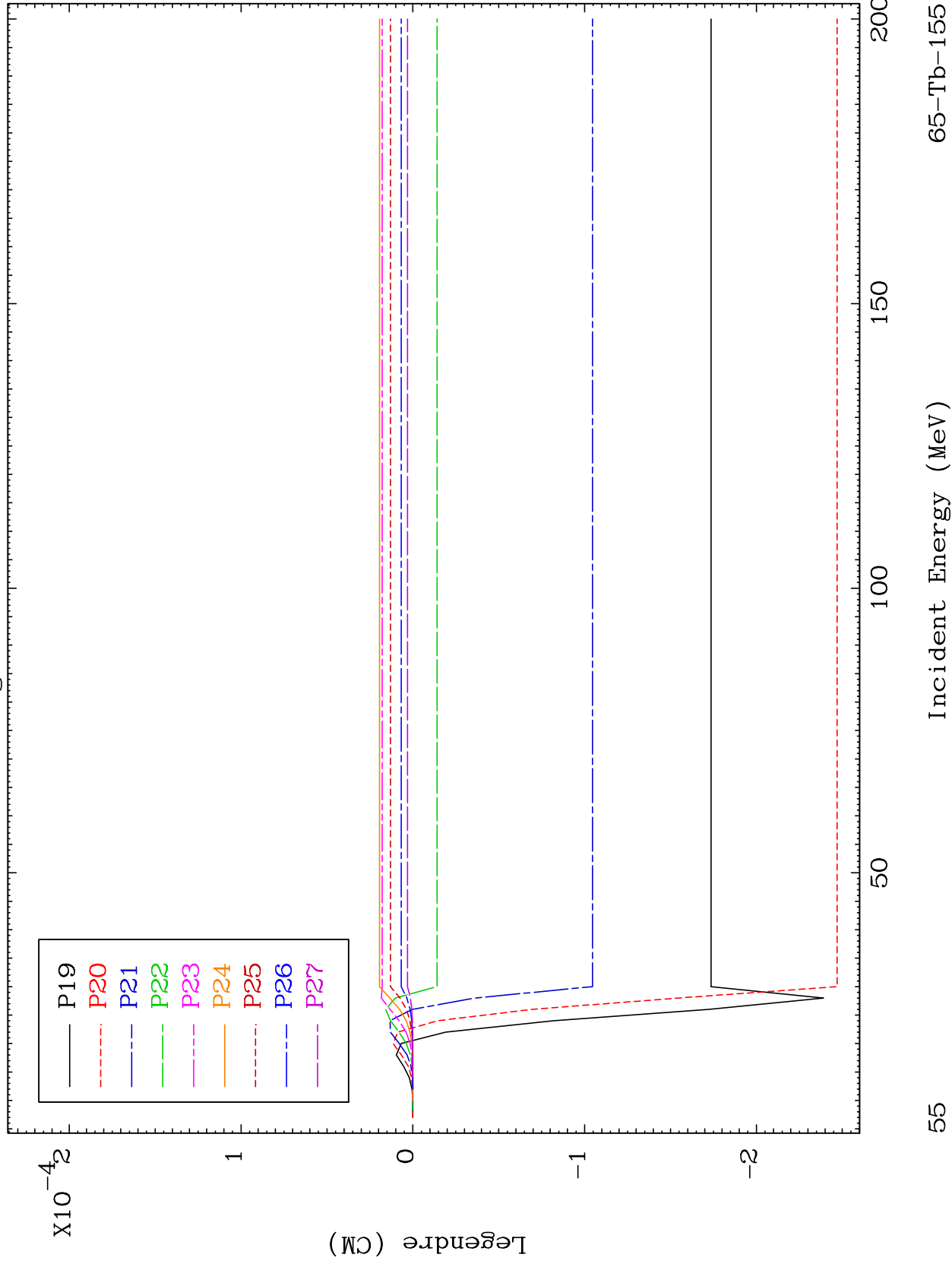
Incident Energy (MeV)

54

MAT 6513

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

65-Tb-155



55

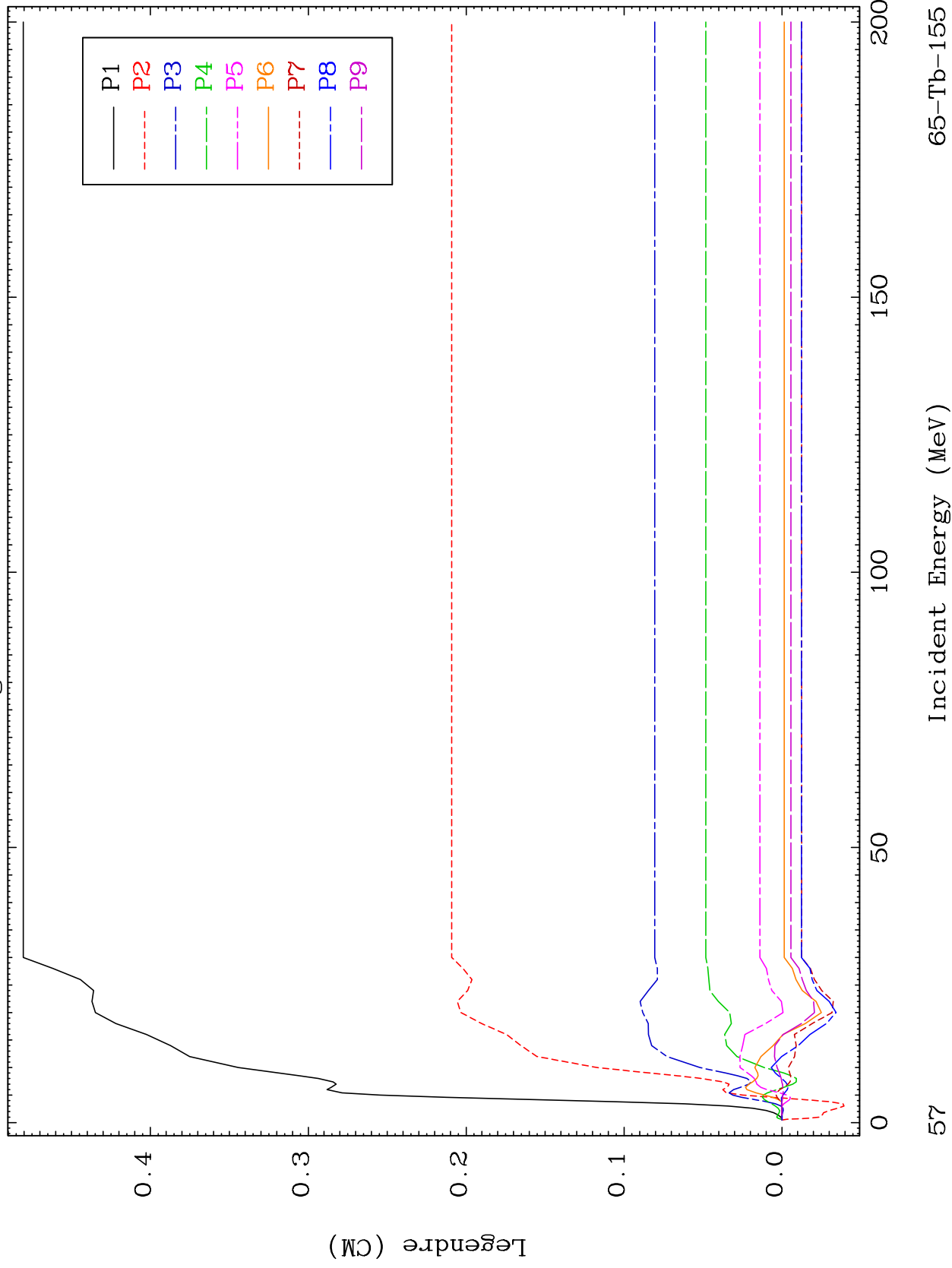
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

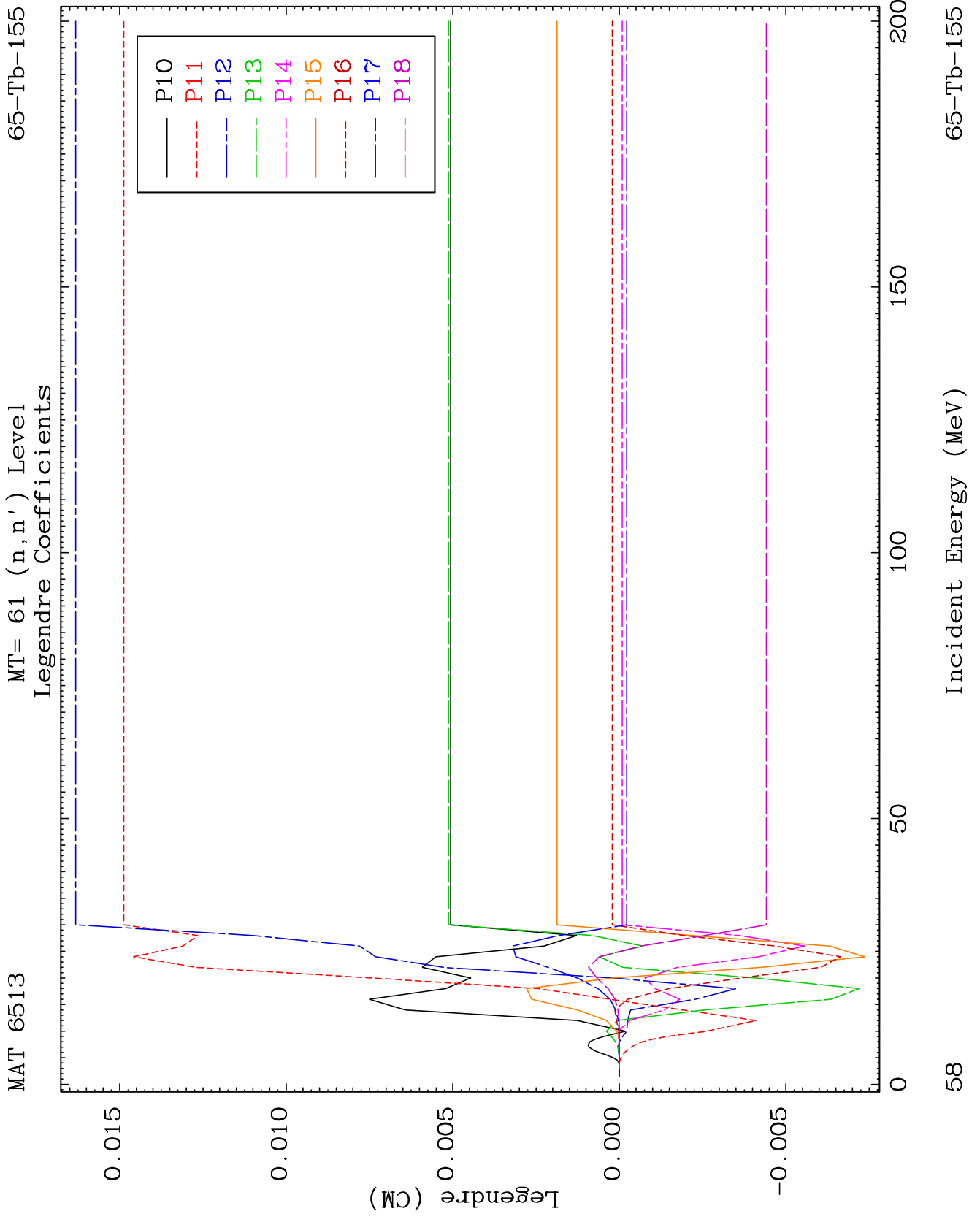
65-Tb-155

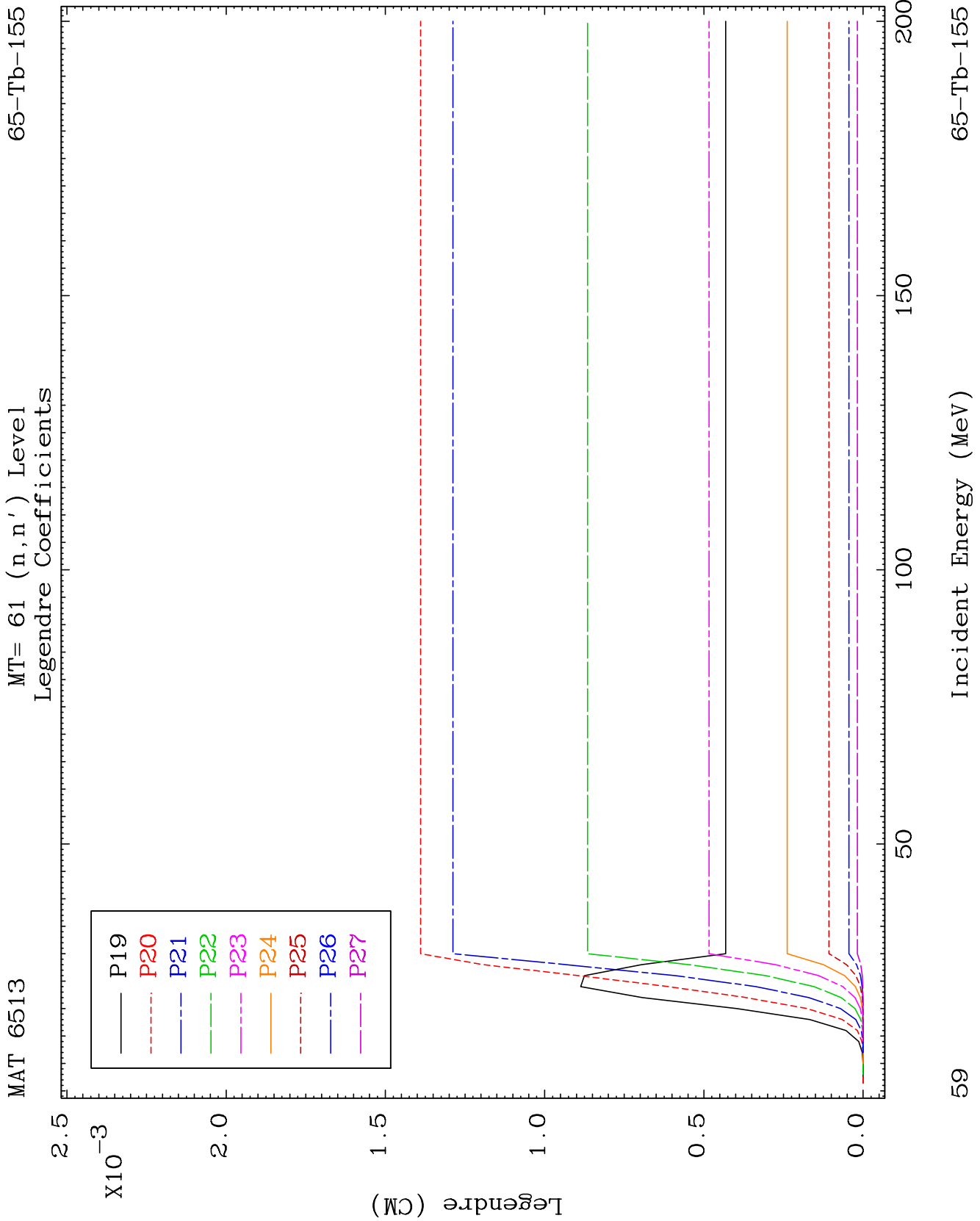


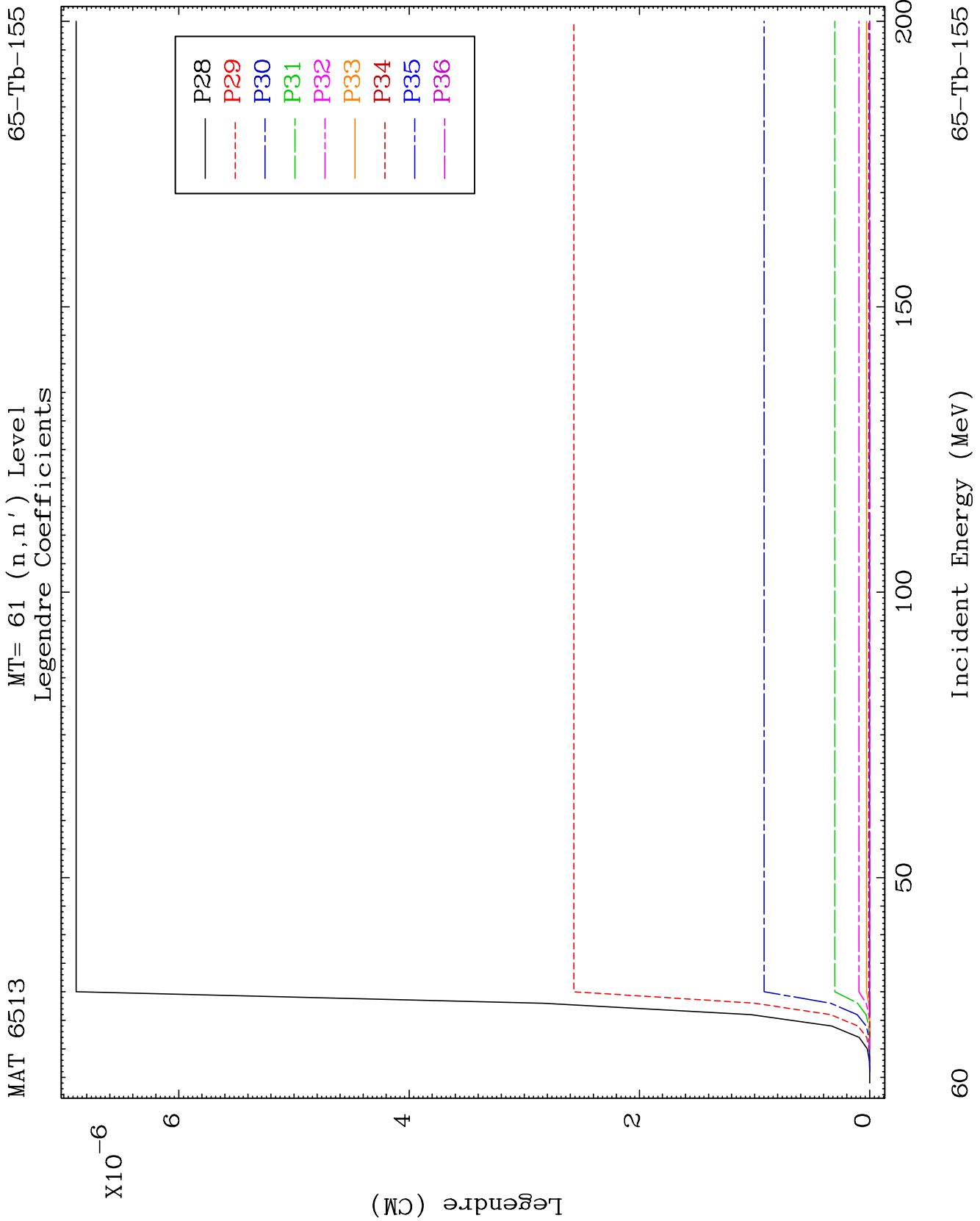
65-Tb-155

Incident Energy (MeV)

57



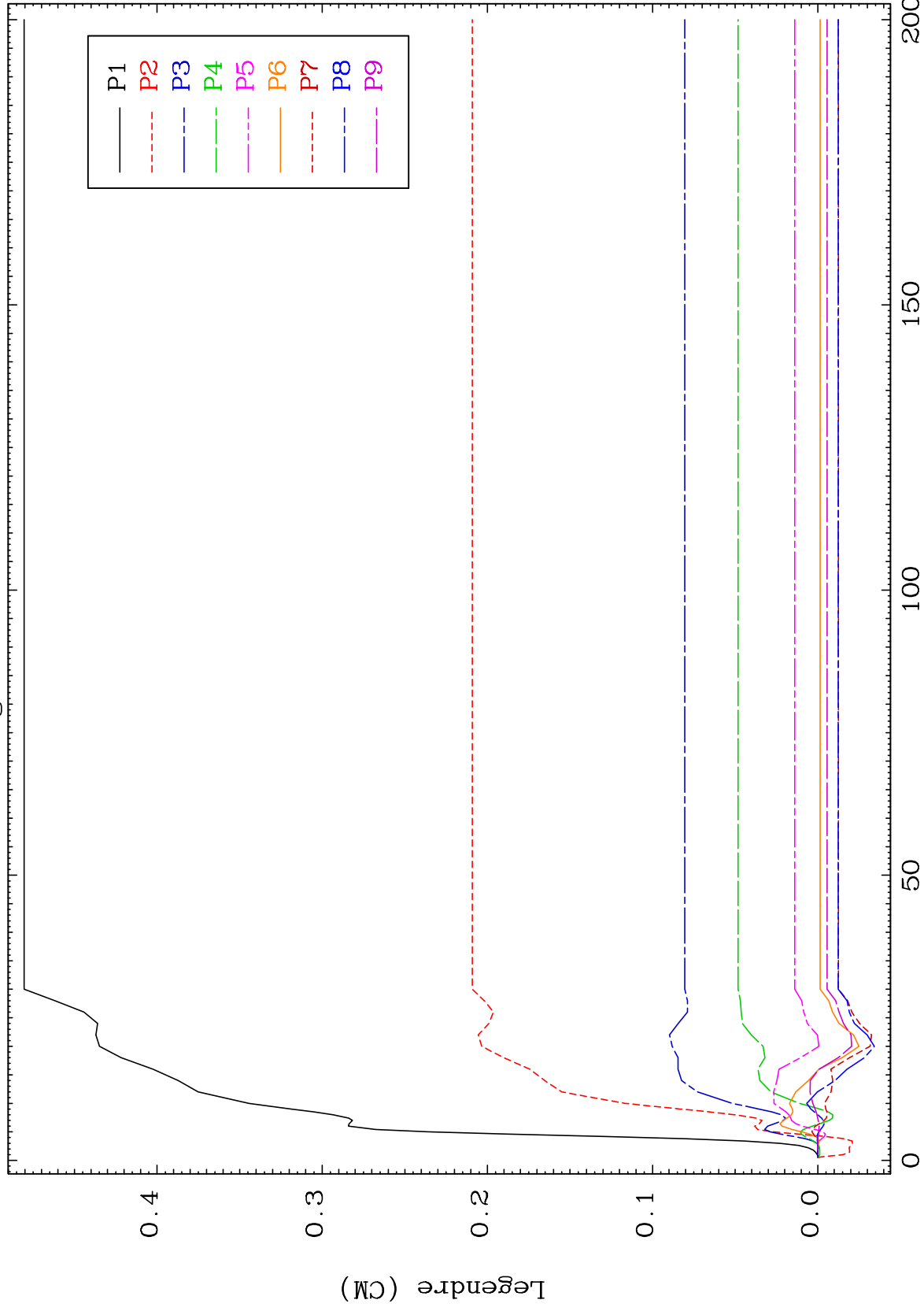




MAT 6513

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

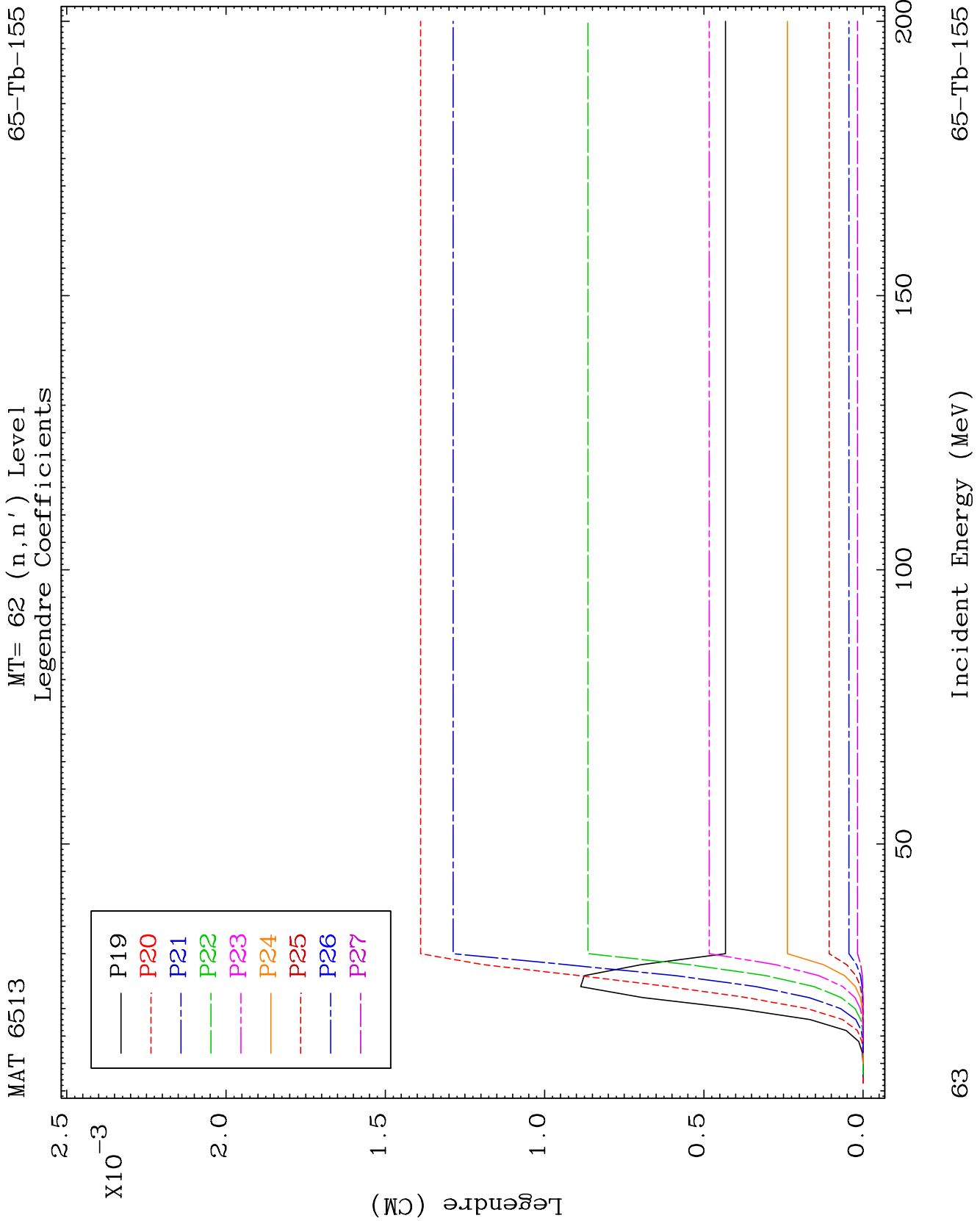
65-Tb-155



61

Incident Energy (MeV)

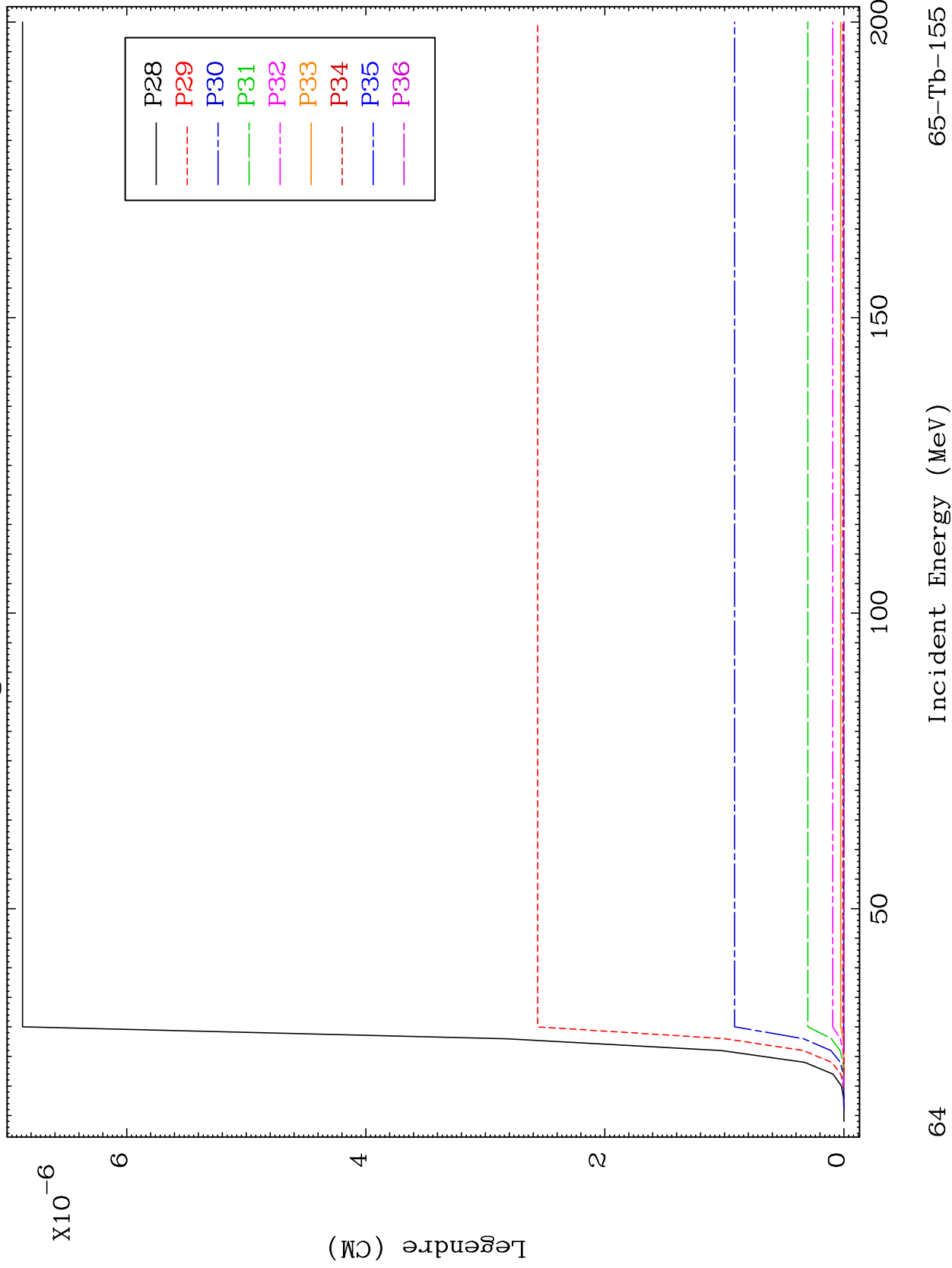
65-Tb-155



MAT 6513

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

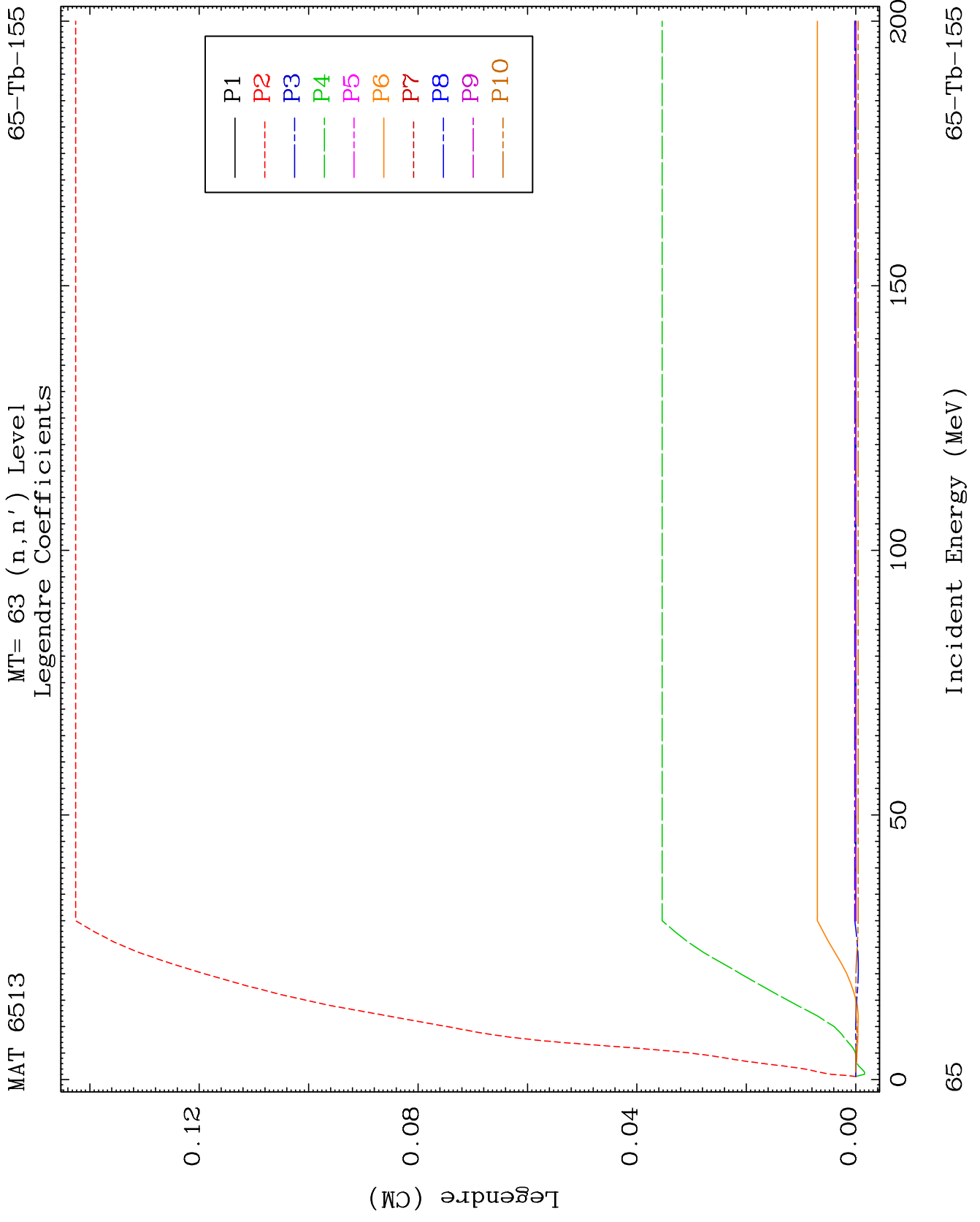
65-Tb-155



64

Incident Energy (MeV)

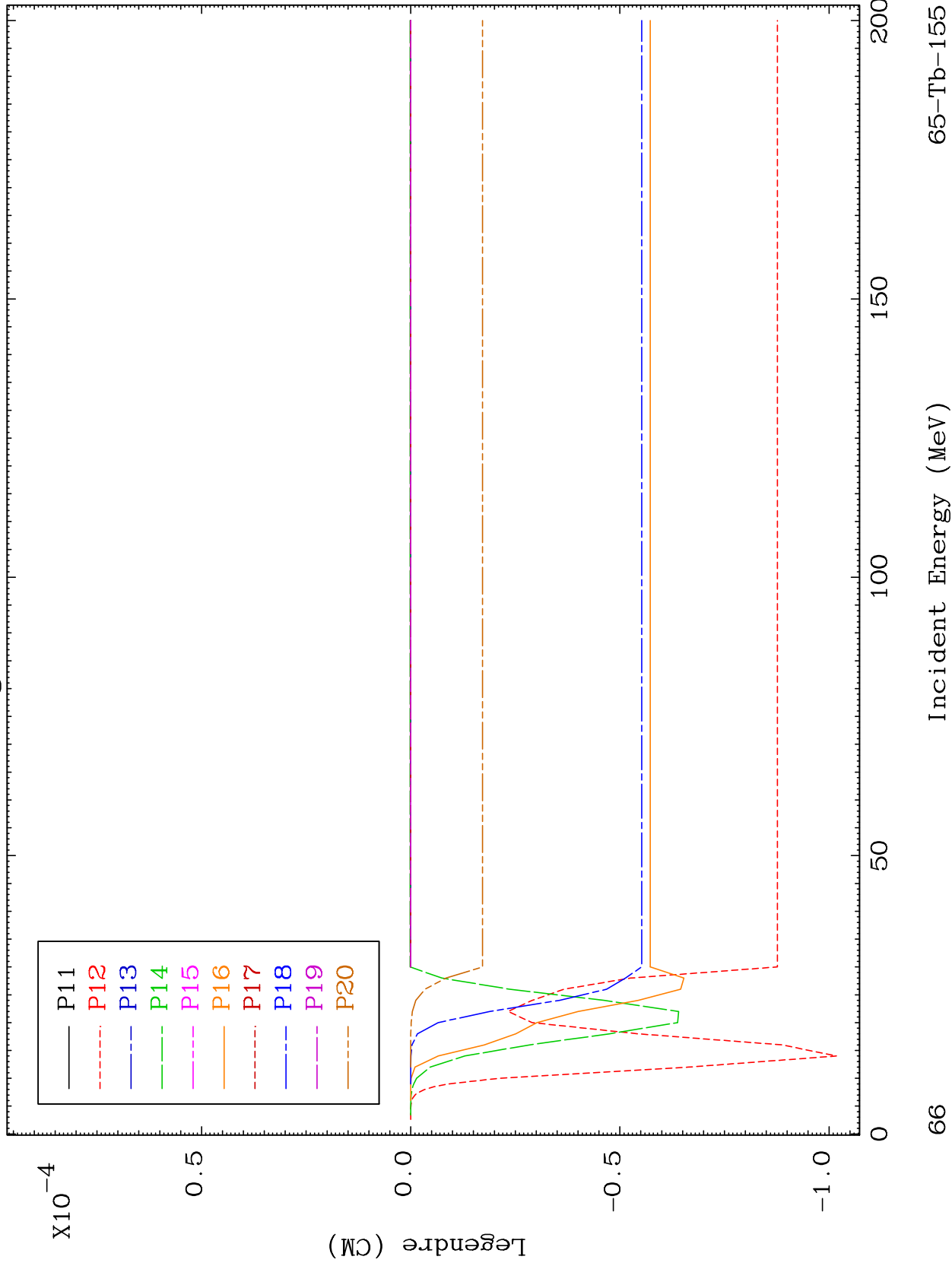
65-Tb-155



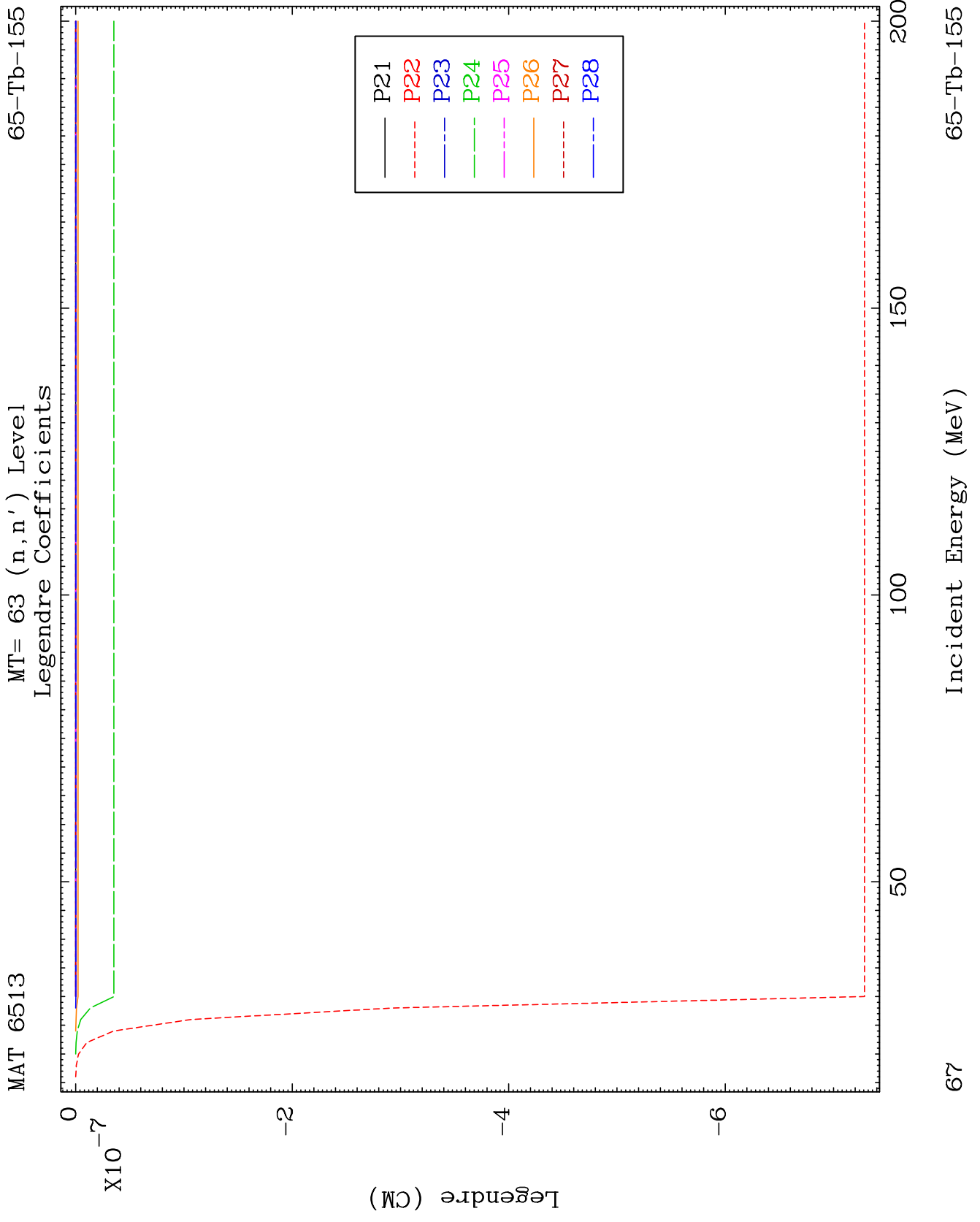
MAT 6513

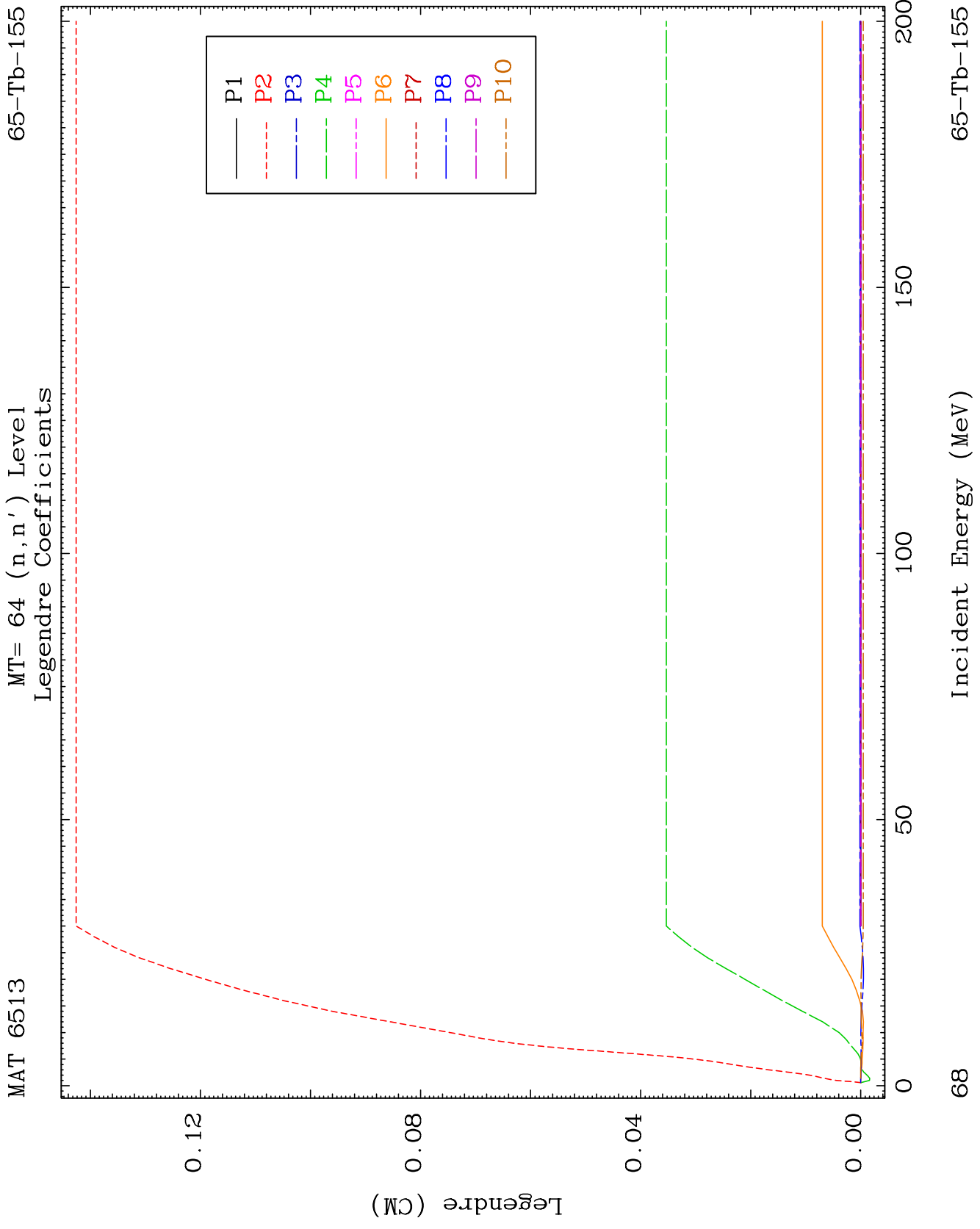
MT= 63 (n,n') Level
Legendre Coefficients

65-Tb-155



66

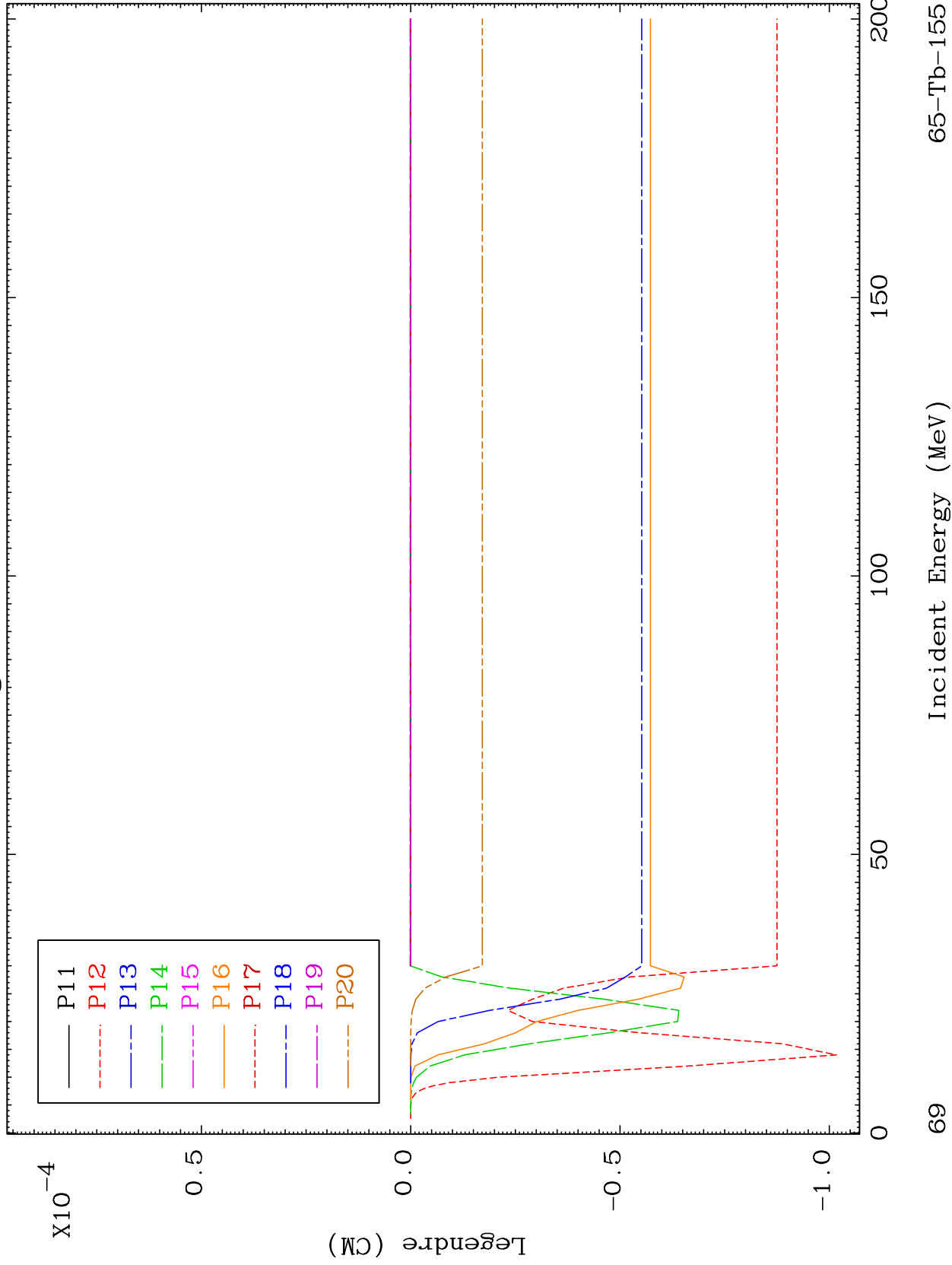


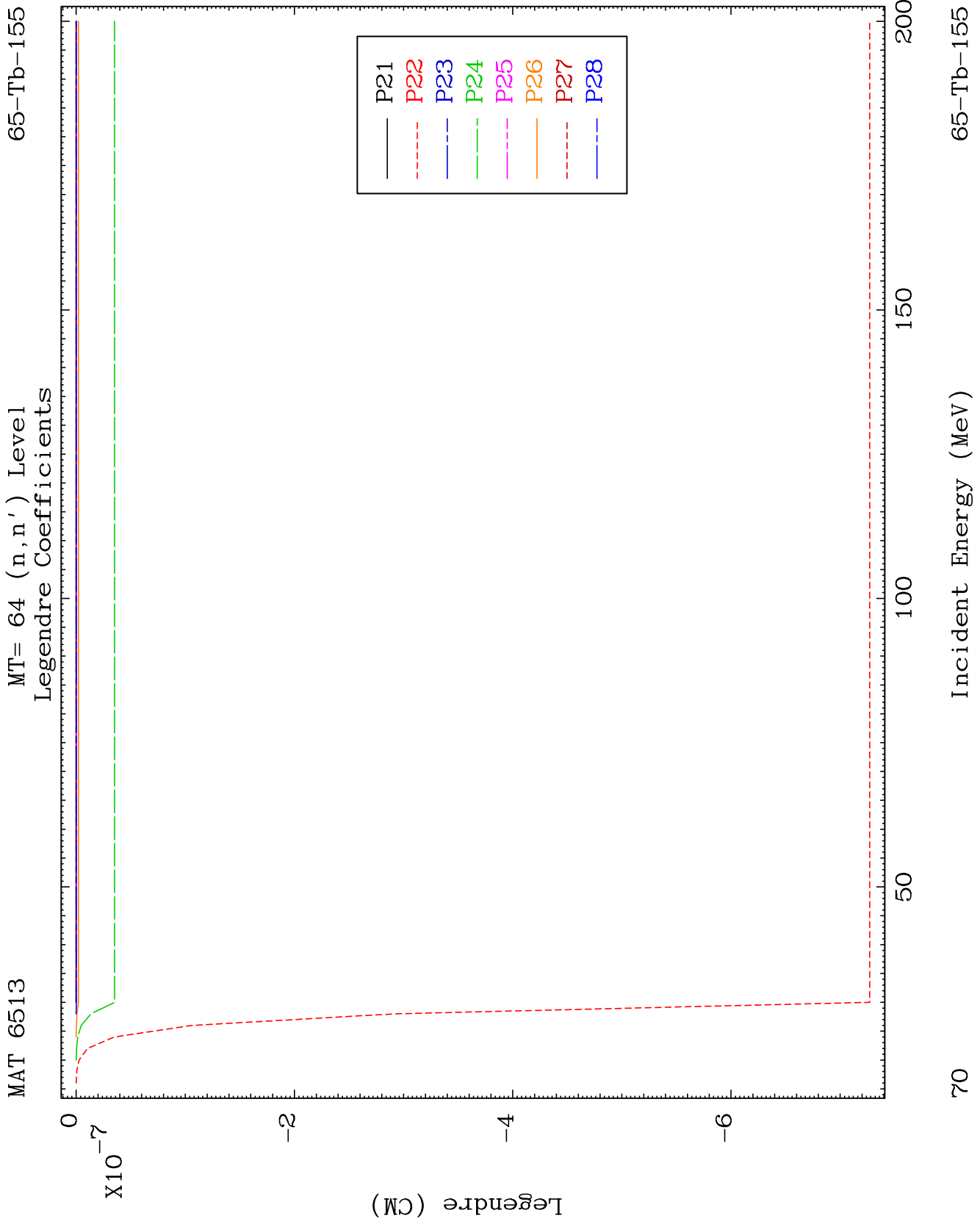


MAT 6513

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

65-Tb-155

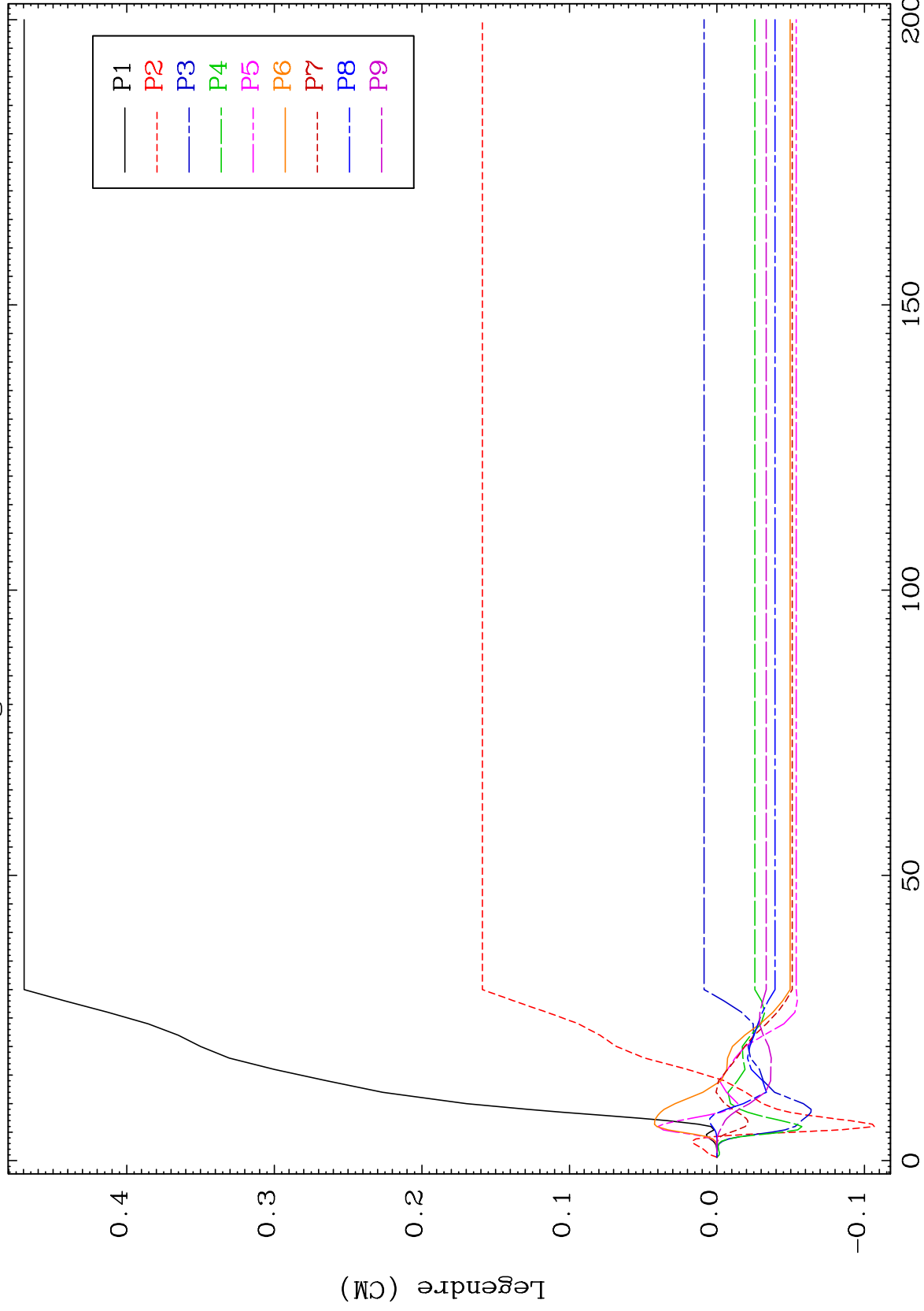




MAT 6513

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

65-Tb-155



71

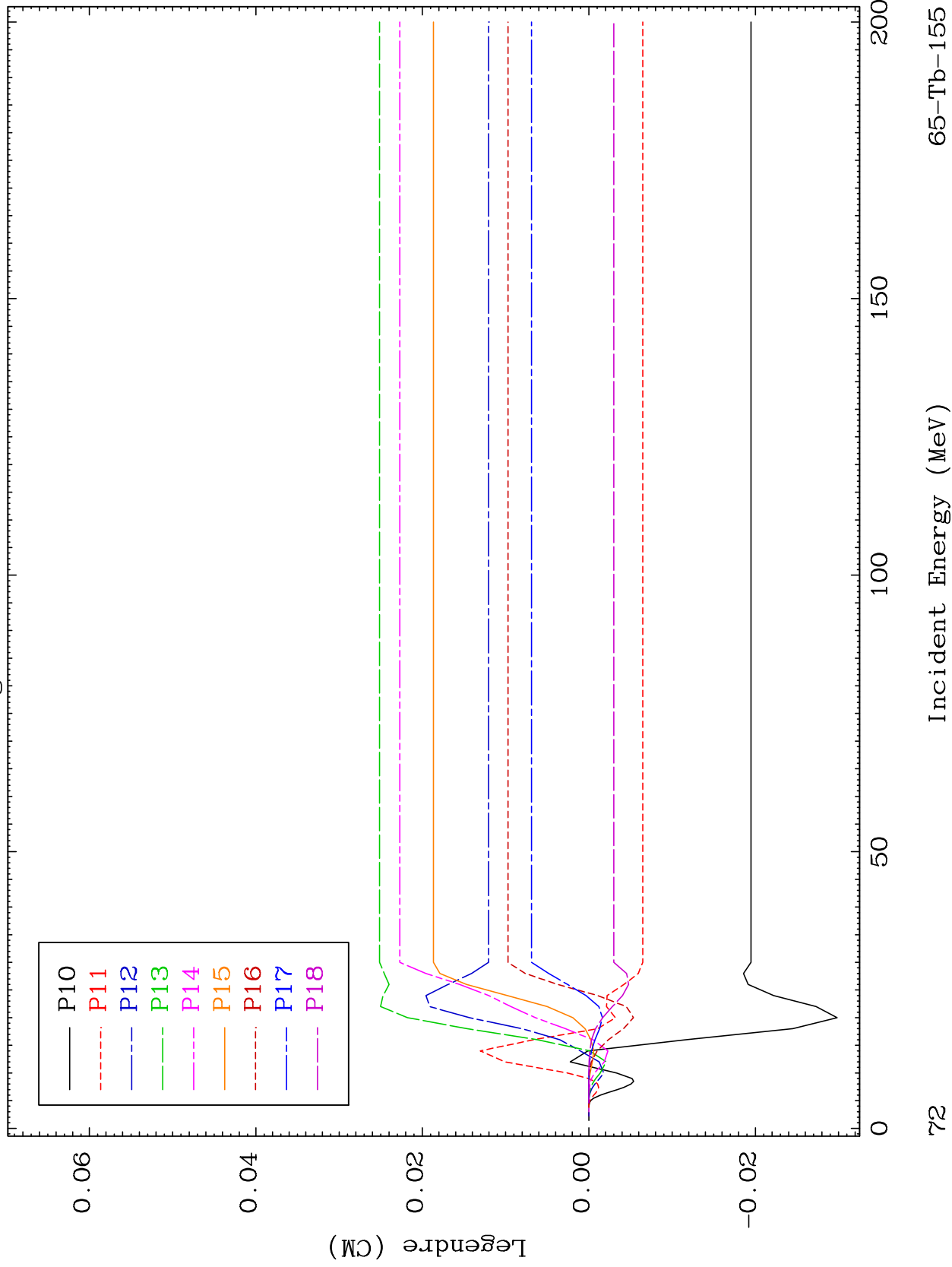
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

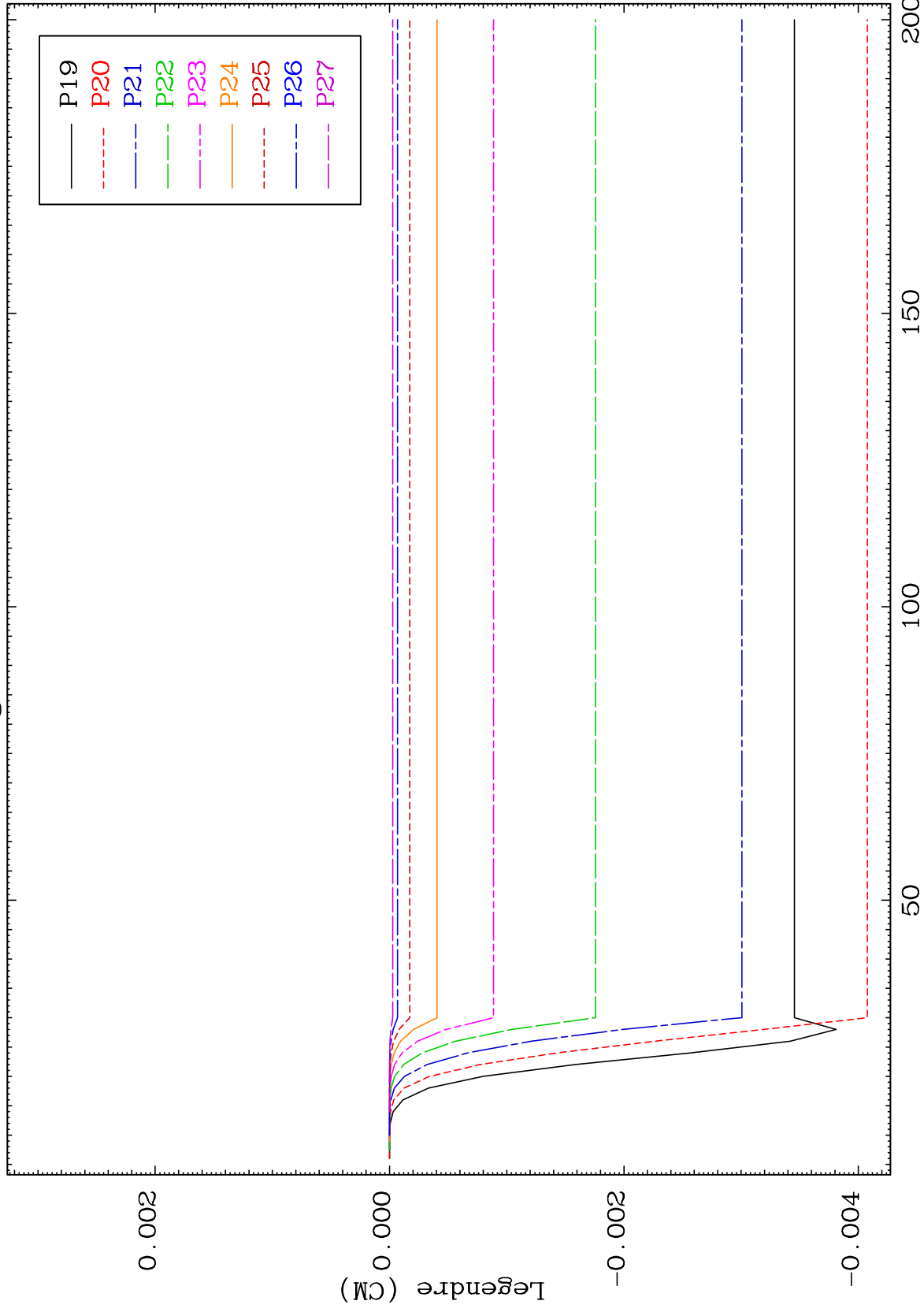
65-Tb-155



MAT 6513

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

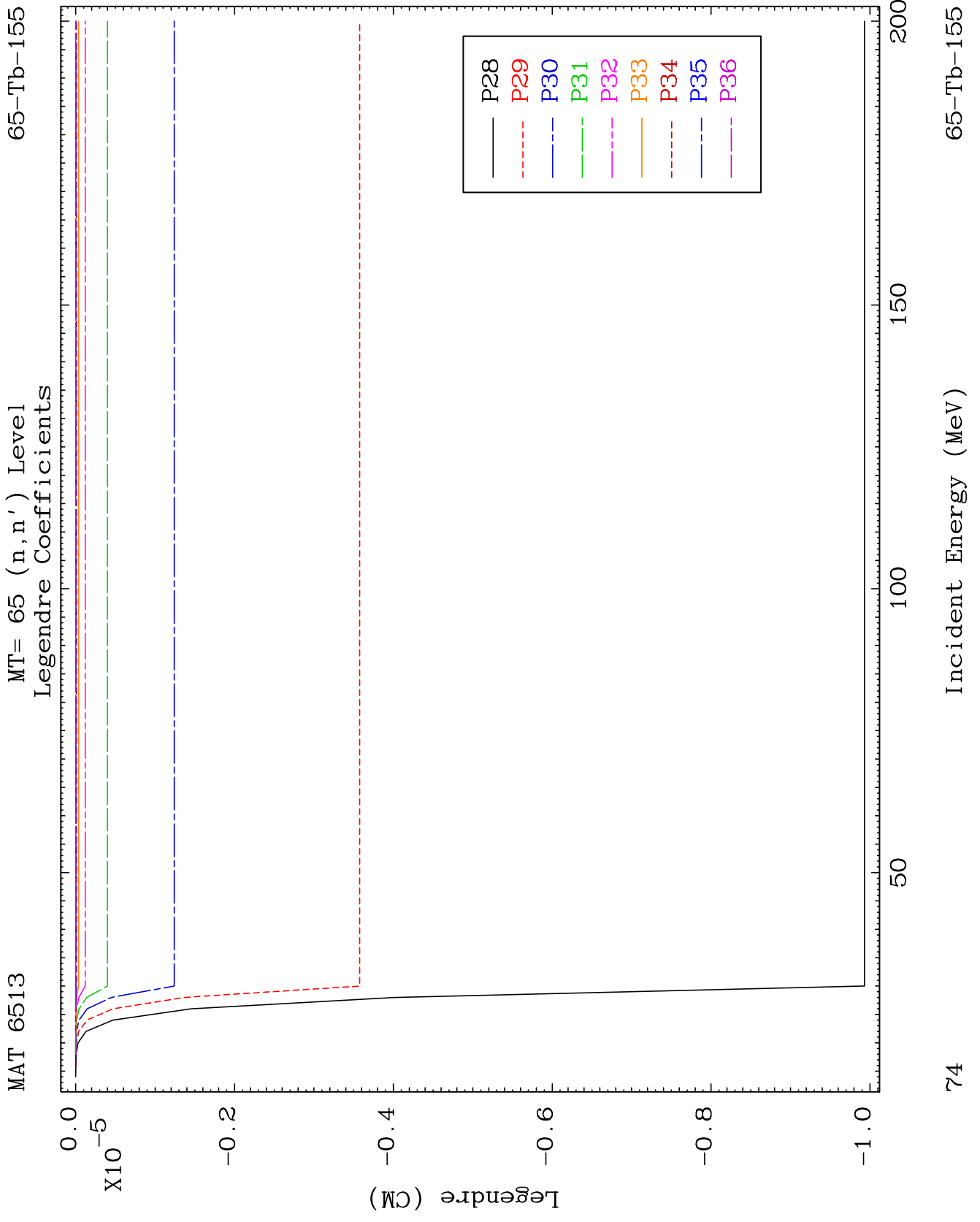
65-Tb-155

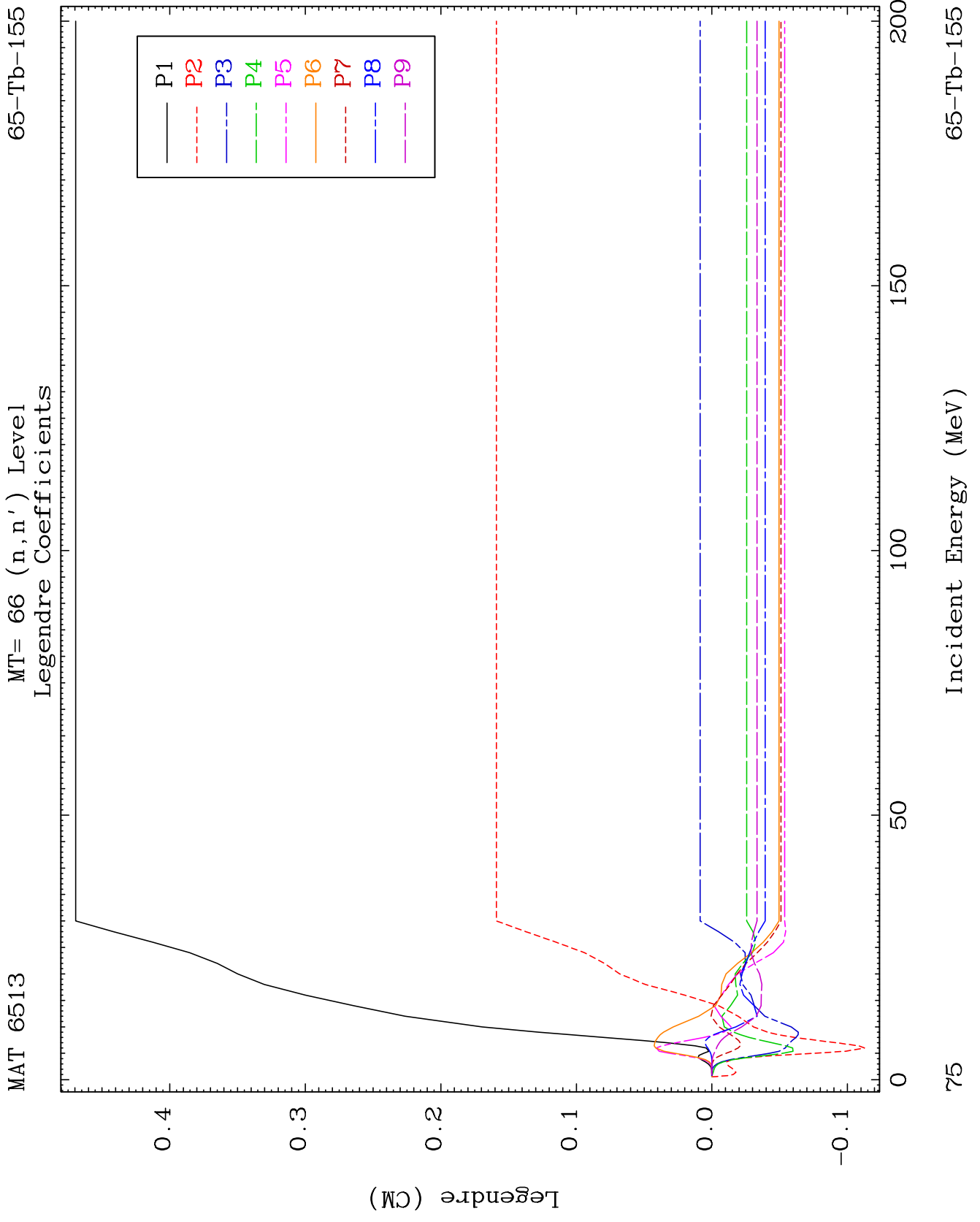


73

Incident Energy (MeV)

65-Tb-155

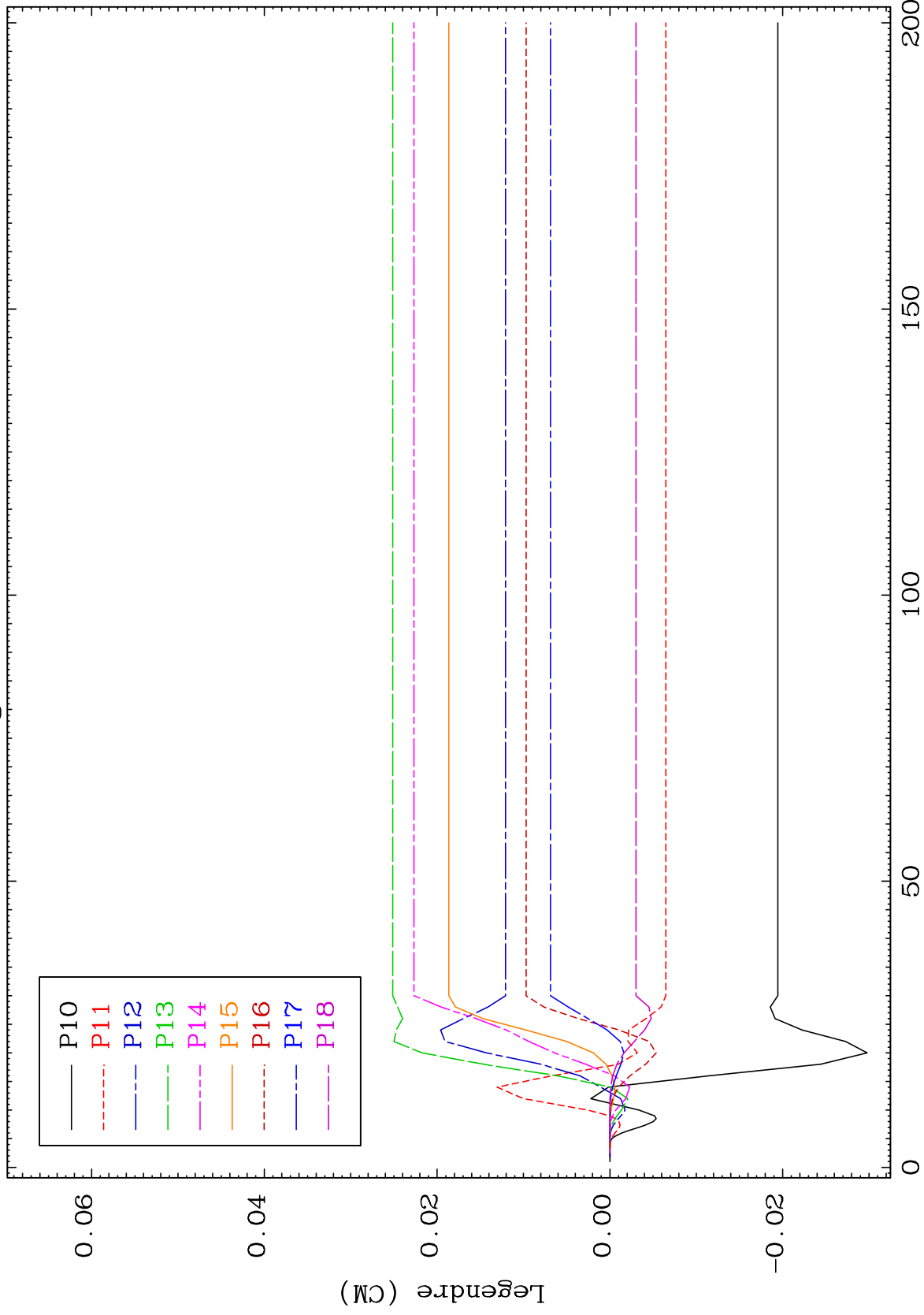




MAT 6513

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

65-Tb-155



76

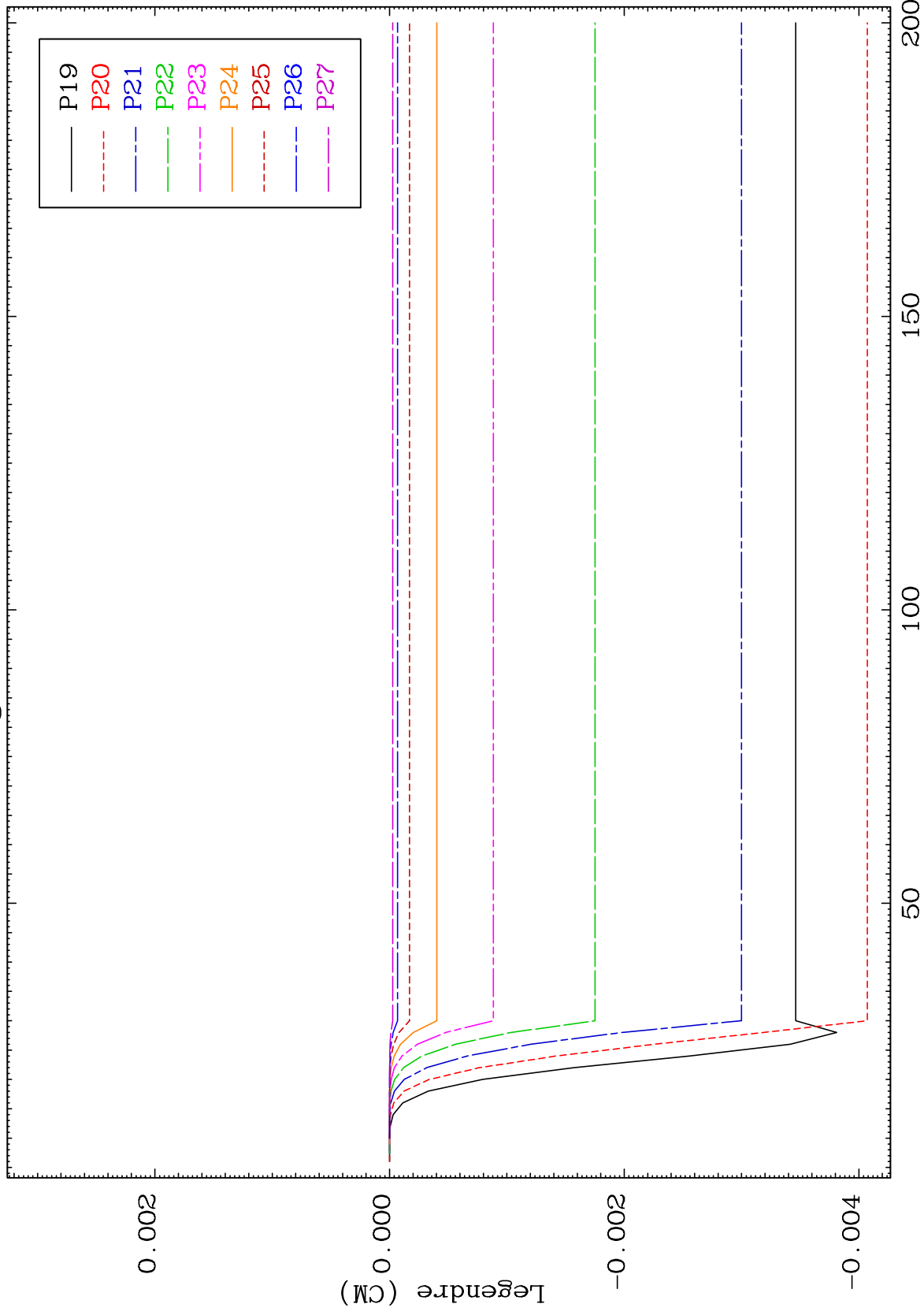
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

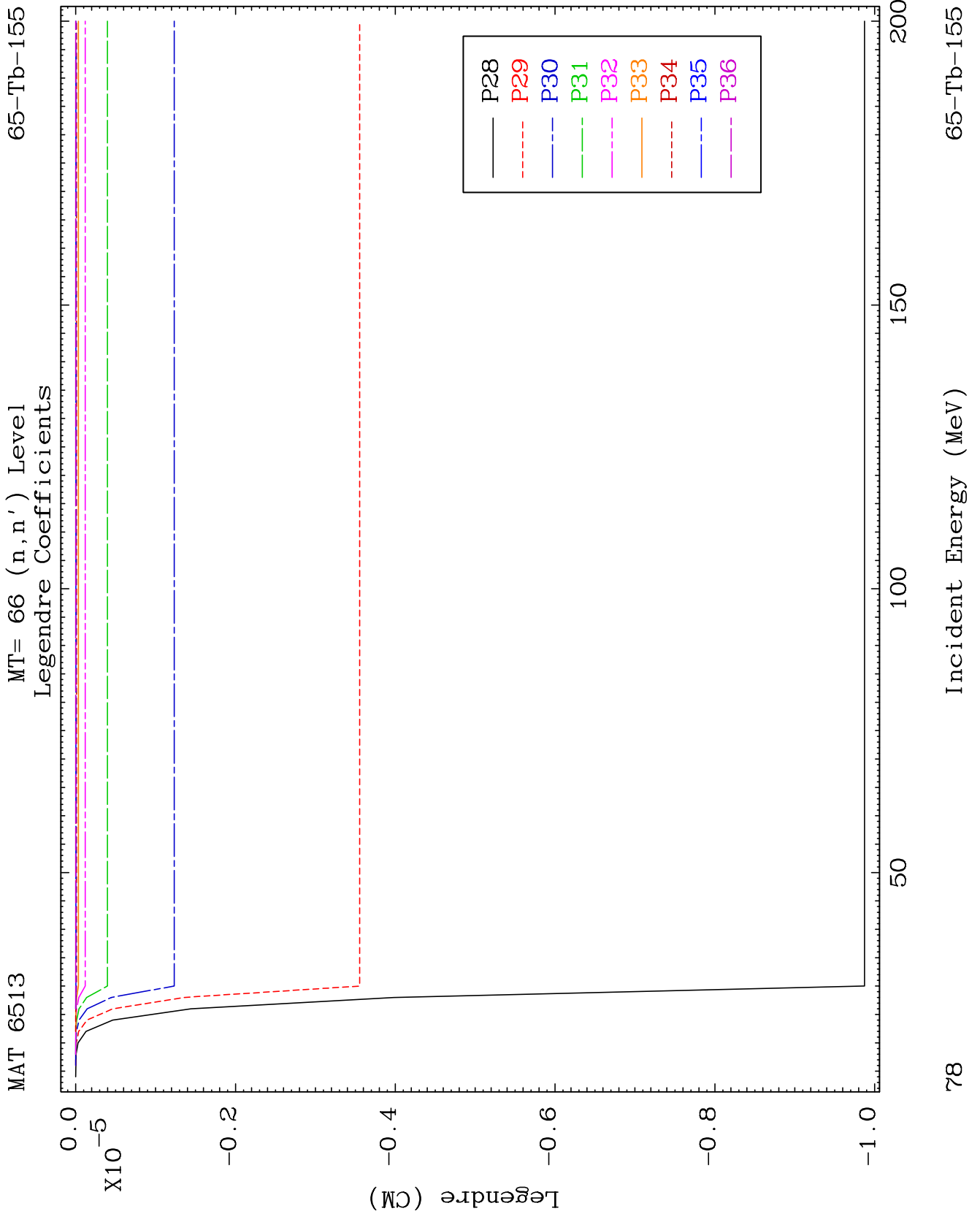
65-Tb-155



77

Incident Energy (MeV)

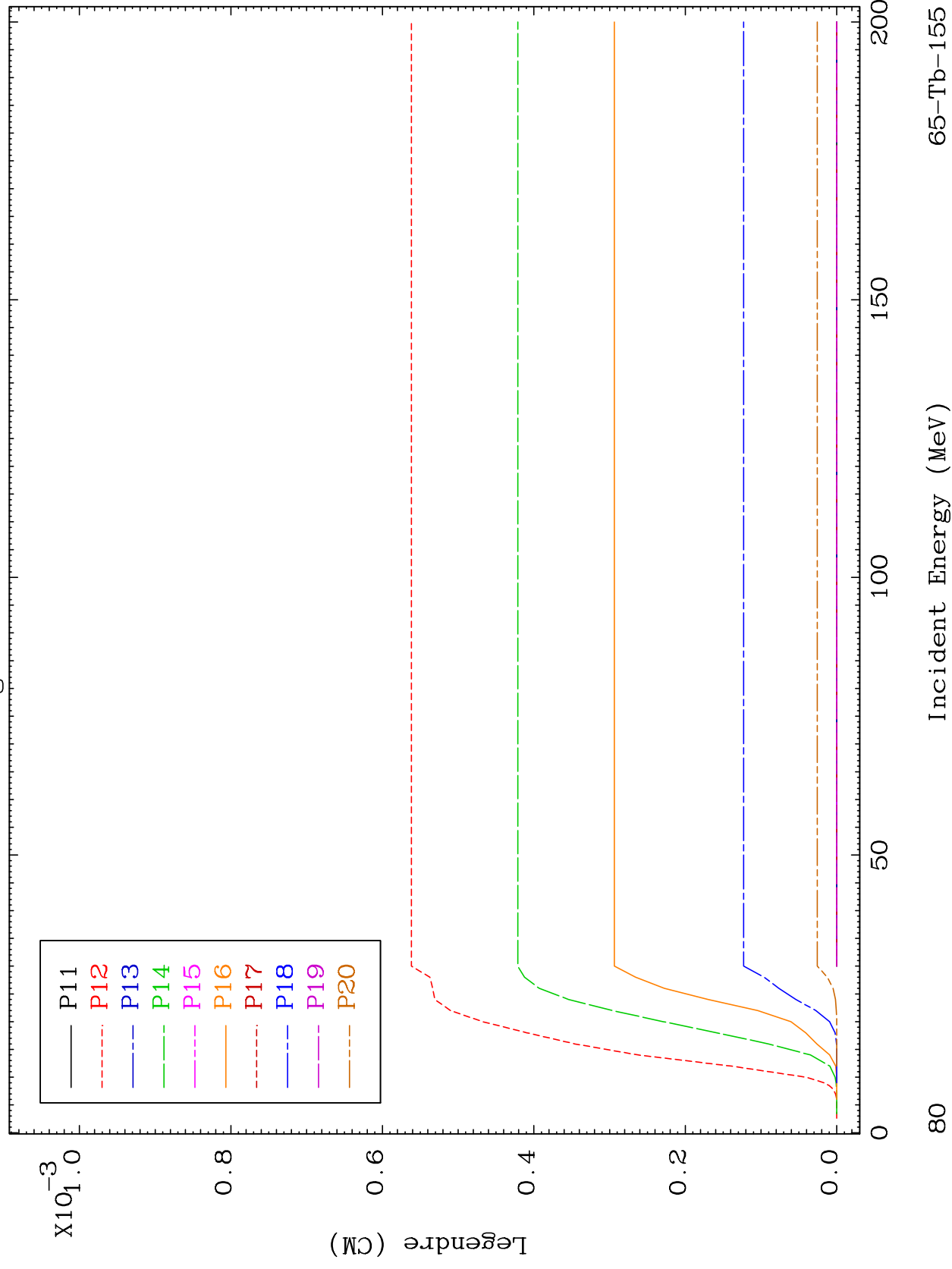
65-Tb-155

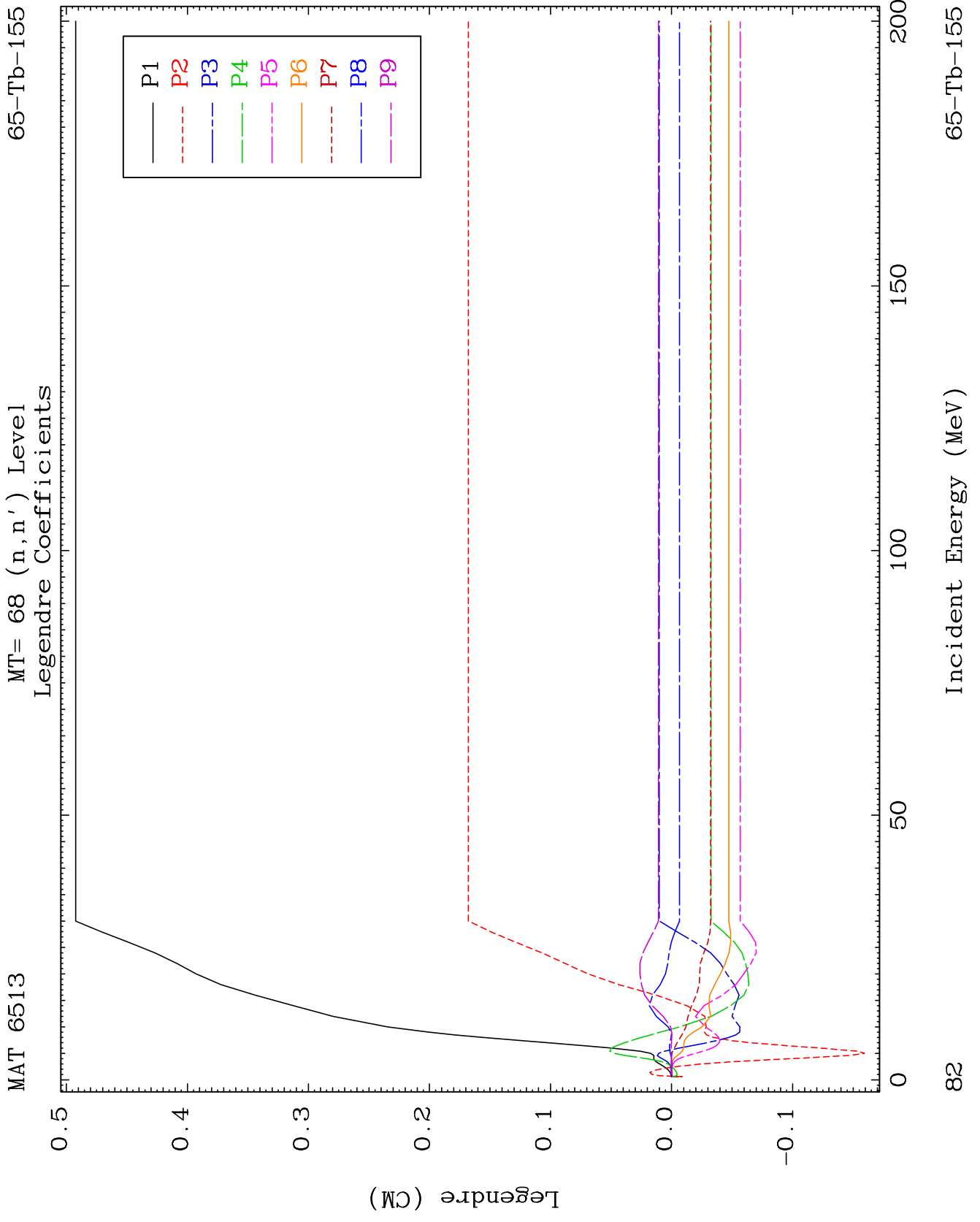


MAT 6513

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

65-Tb-155

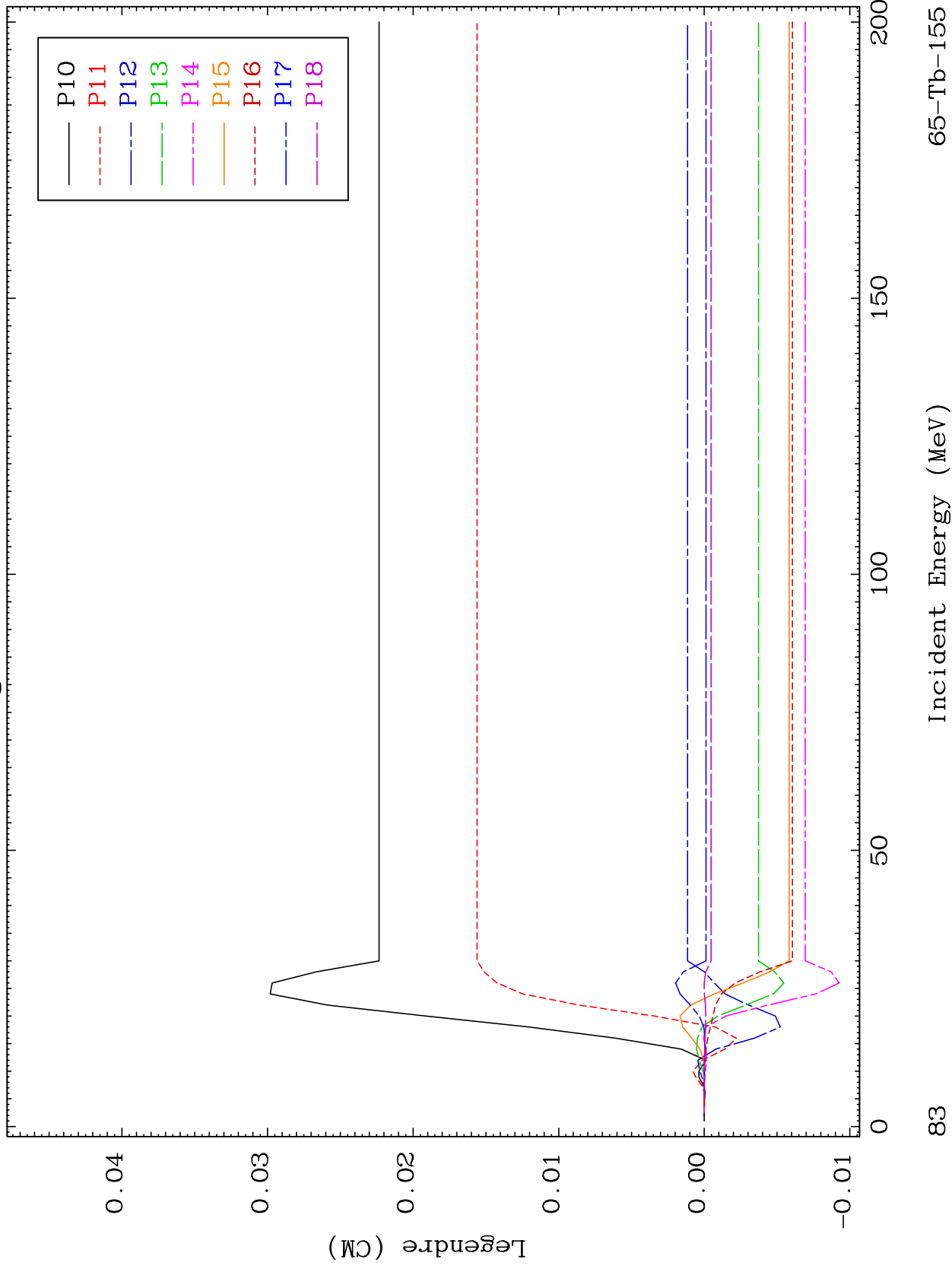




MAT 6513

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

65-Tb-155



83

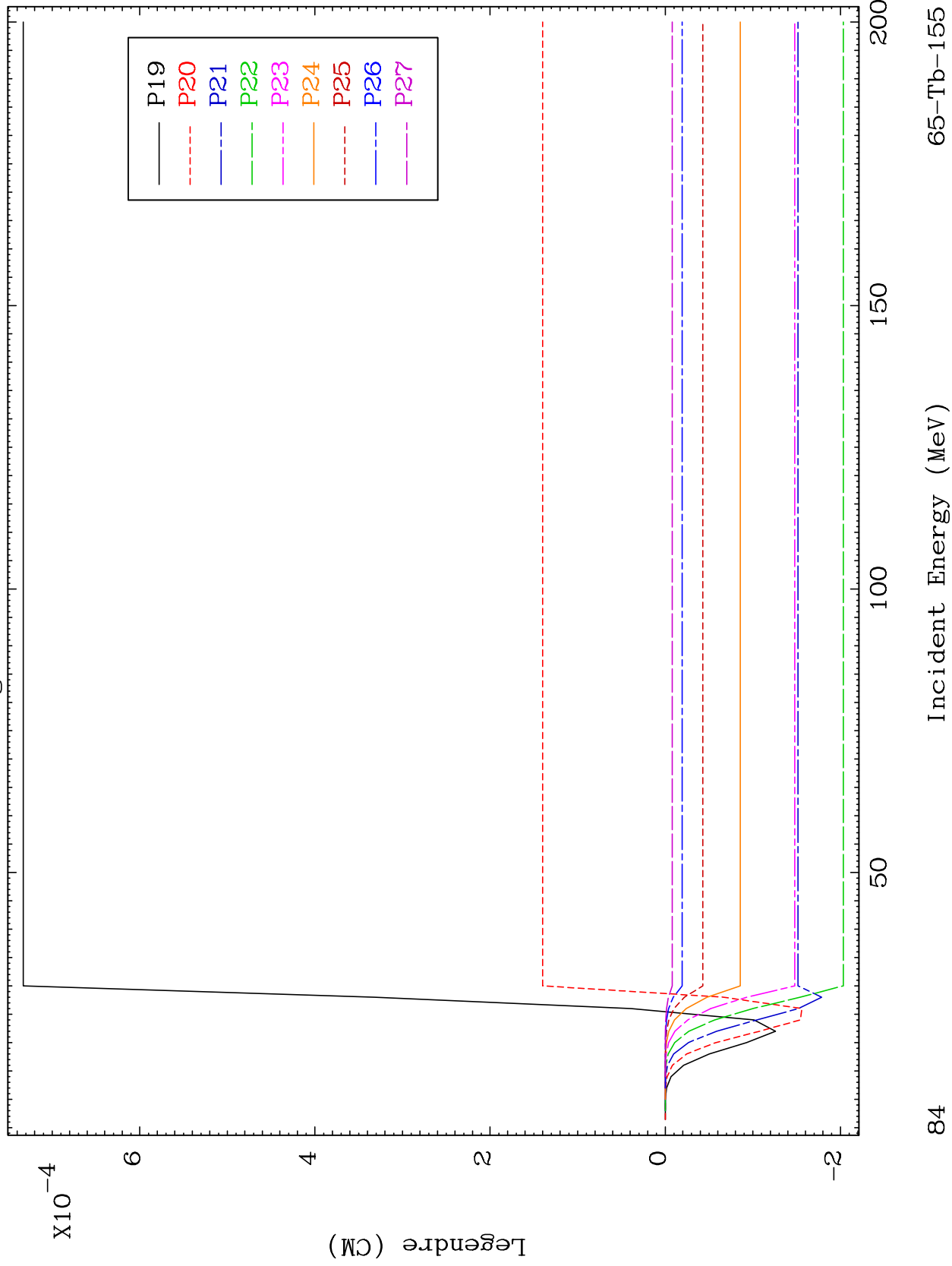
Incident Energy (MeV)

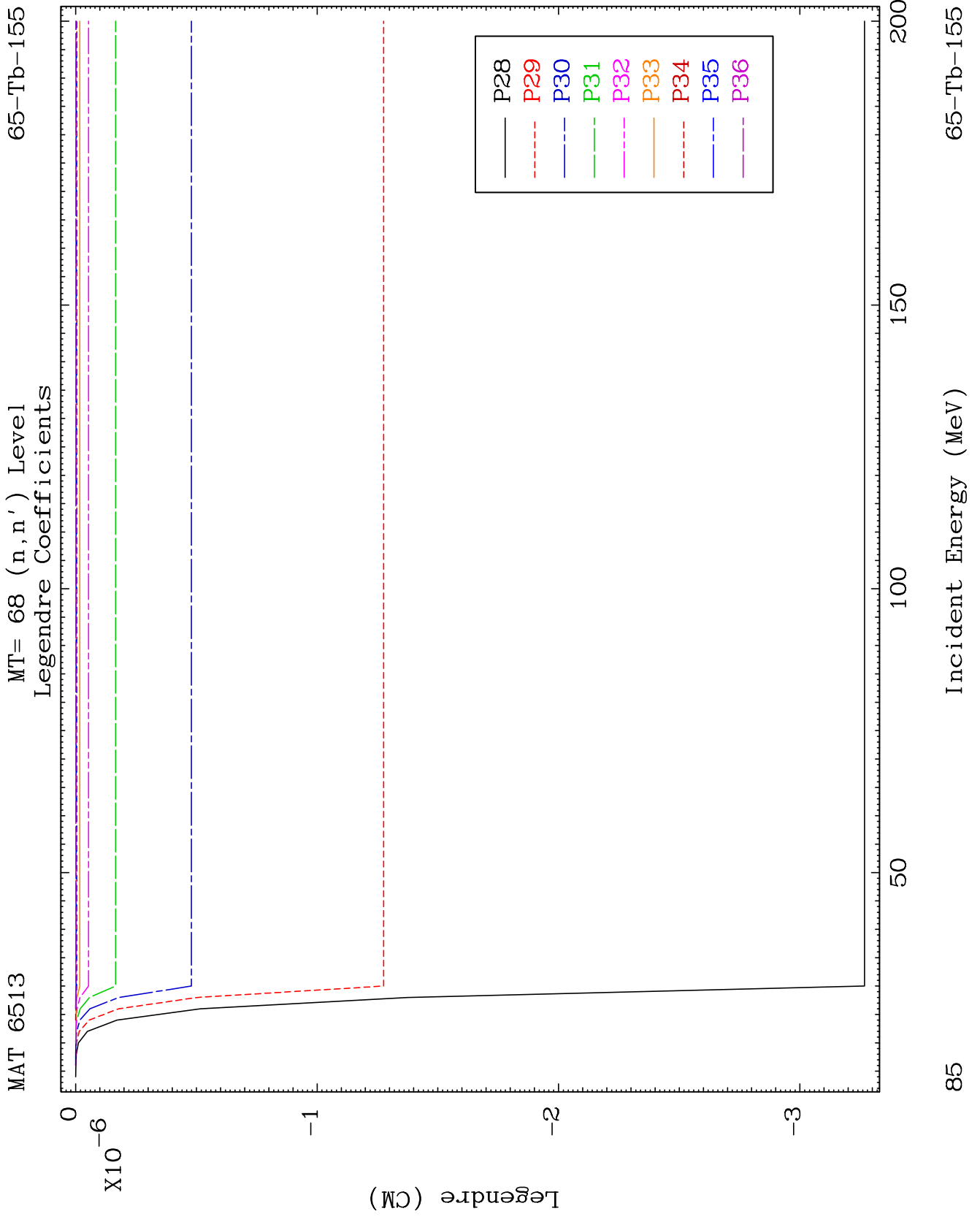
65-Tb-155

MAT 6513

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

65-Tb-155

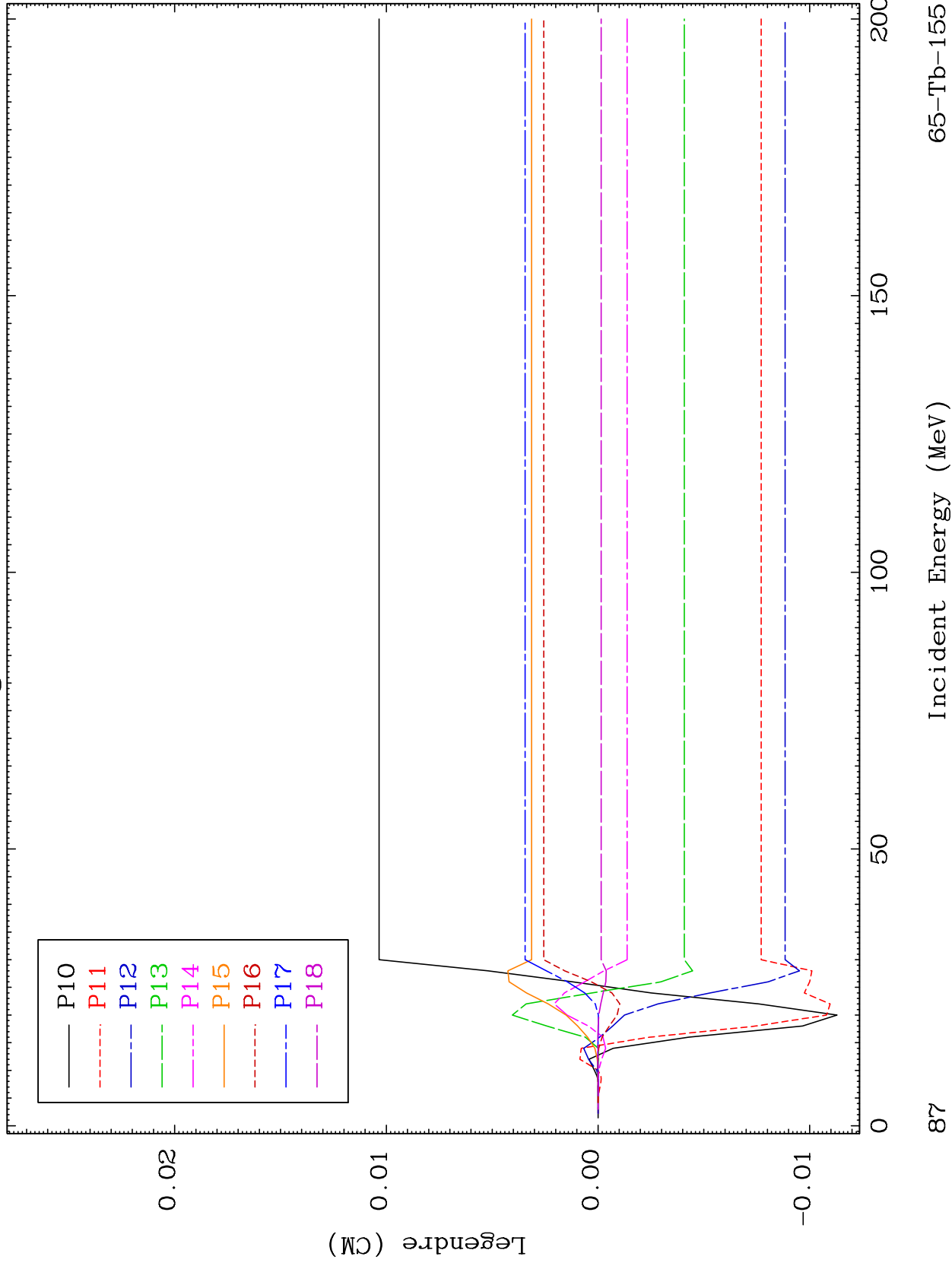




MAT 6513

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

65-Tb-155



87

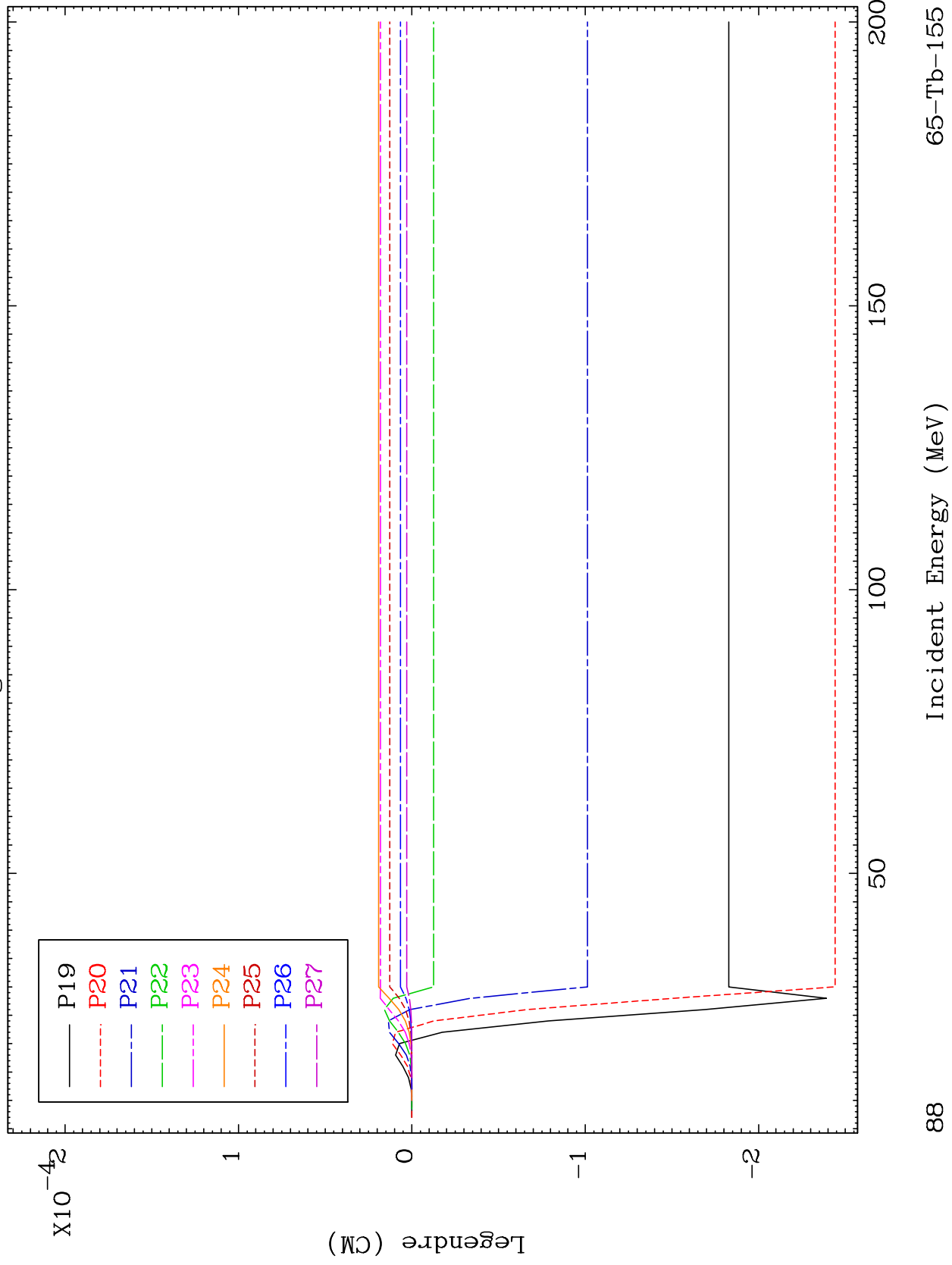
Incident Energy (MeV)

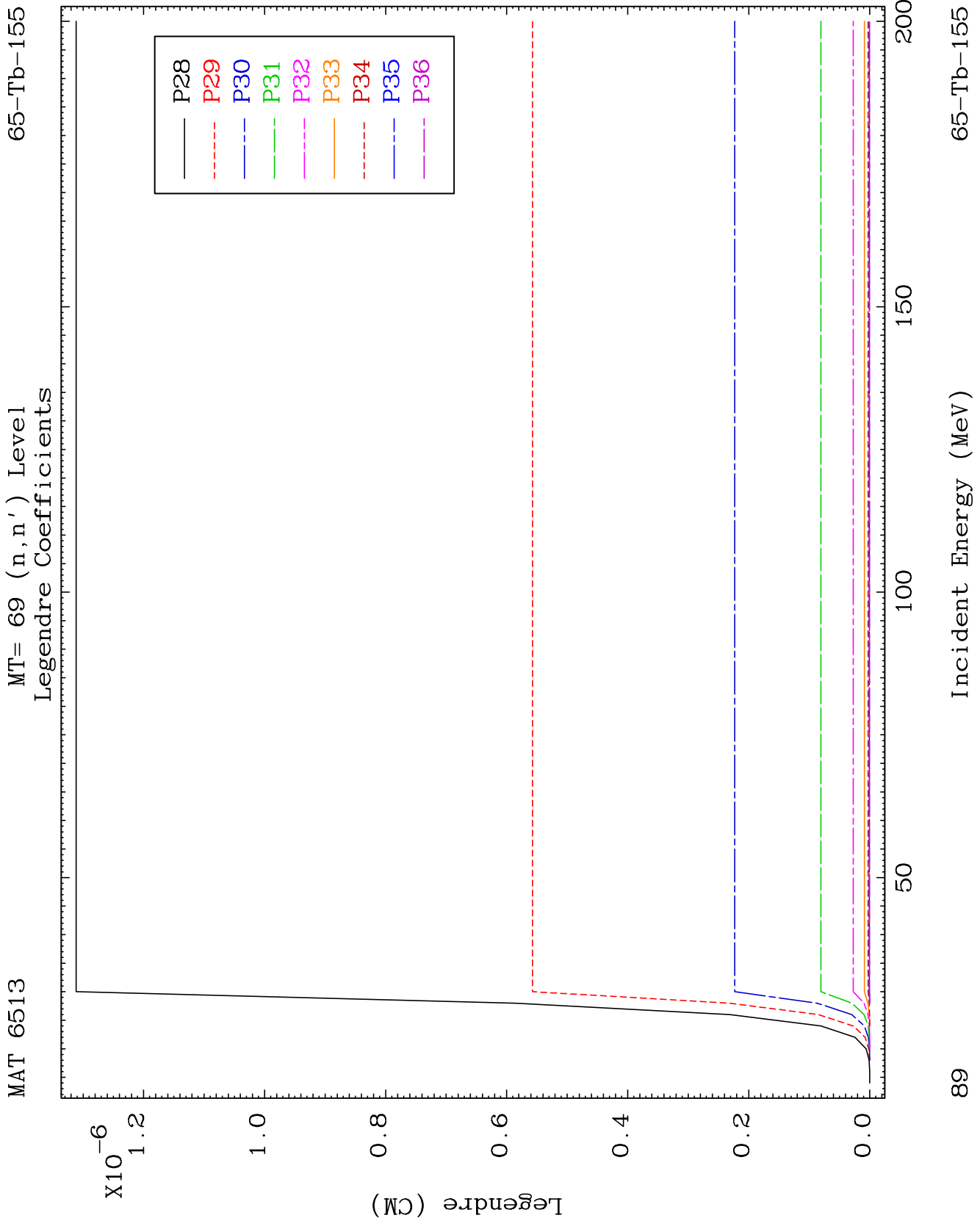
65-Tb-155

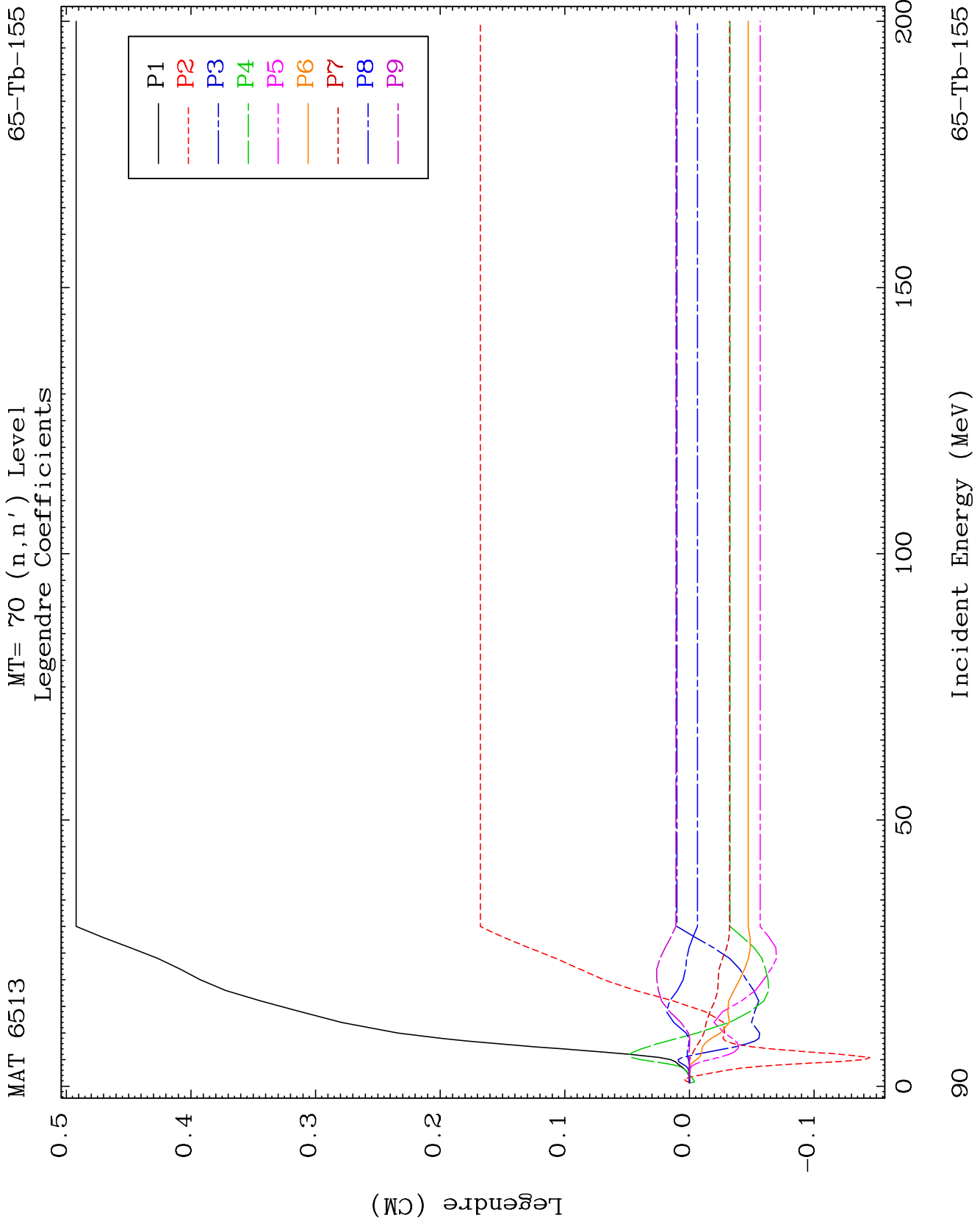
MAT 6513

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

65-Tb-155



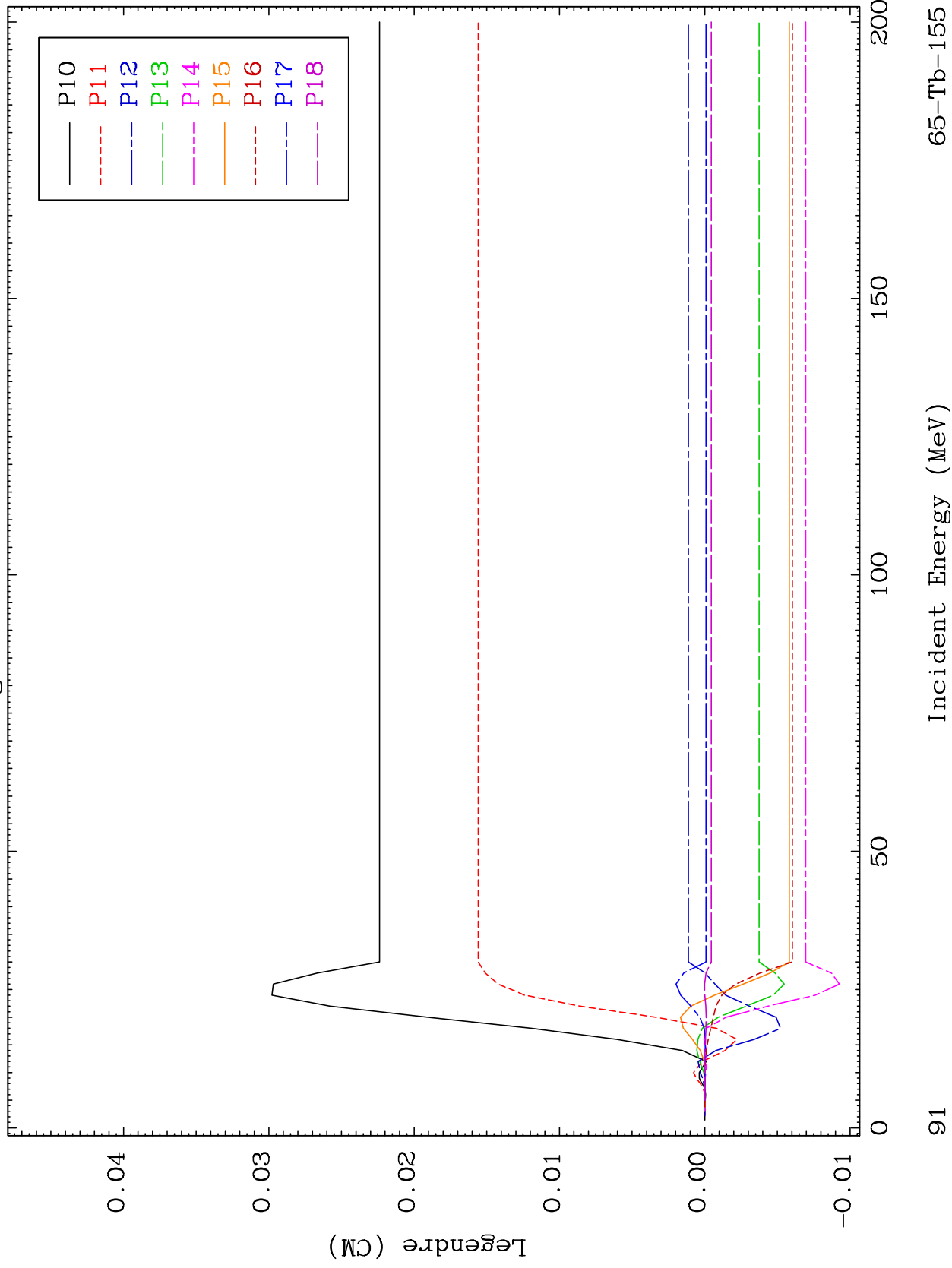




MAT 6513

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

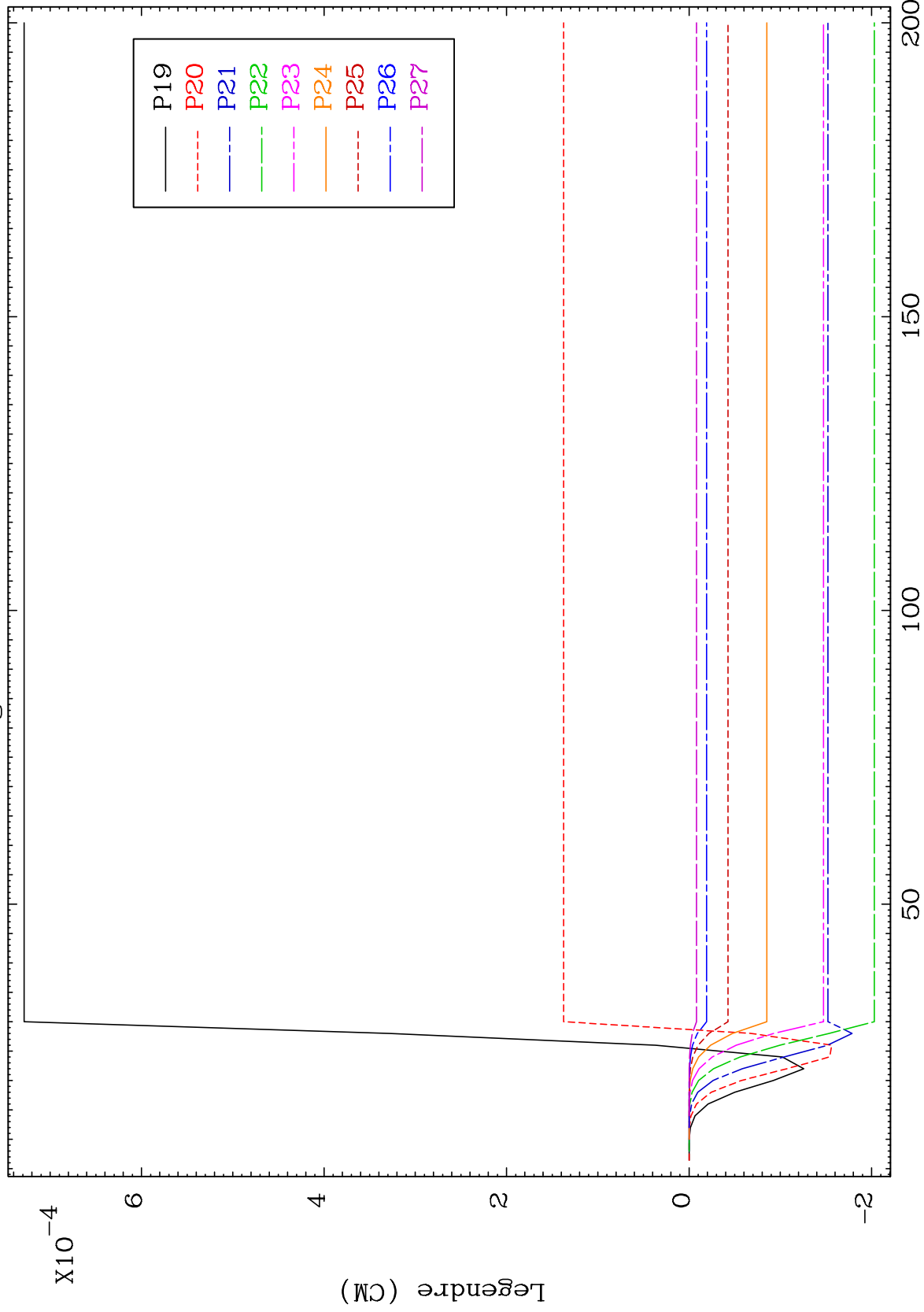
65-Tb-155



MAT 6513

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

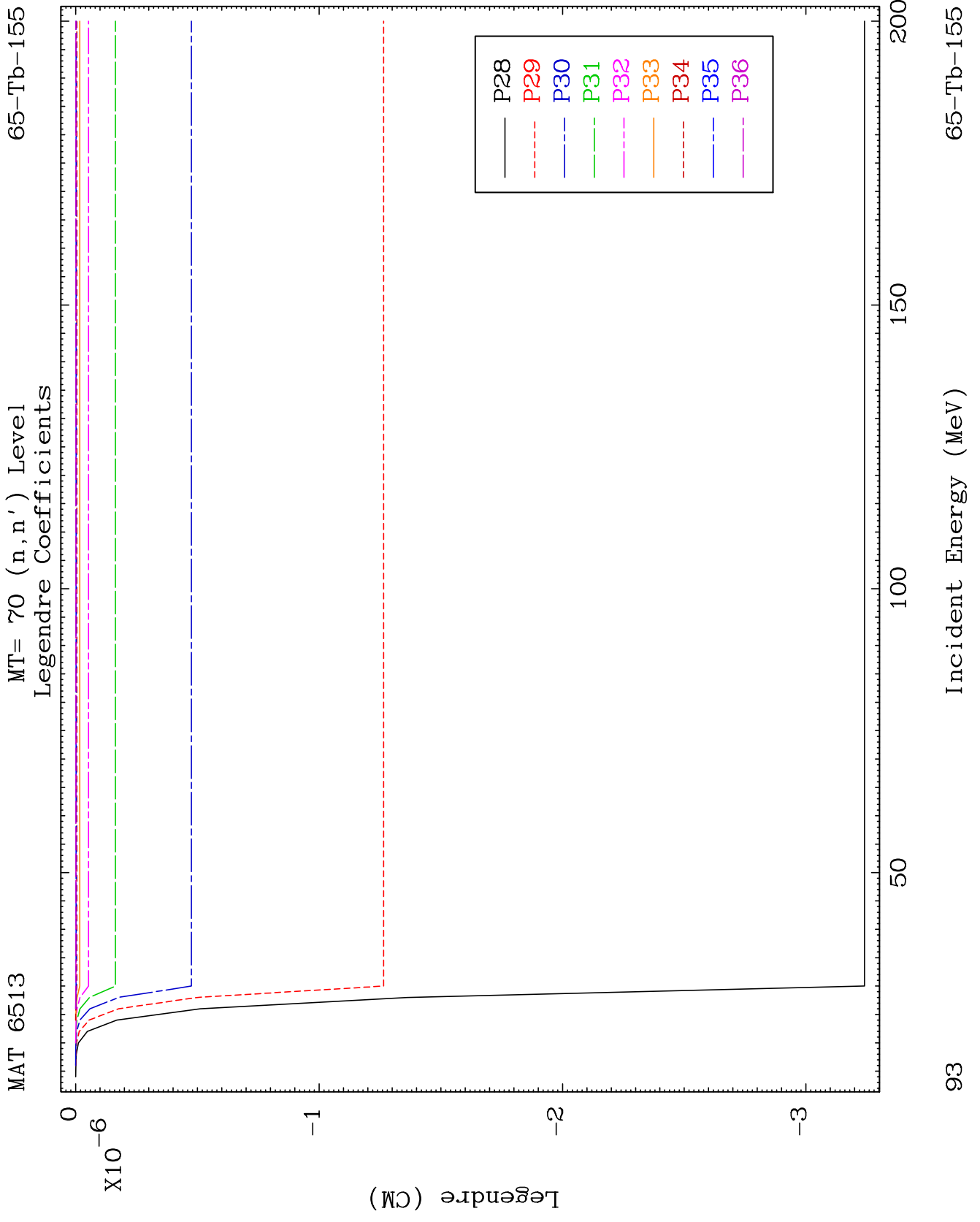
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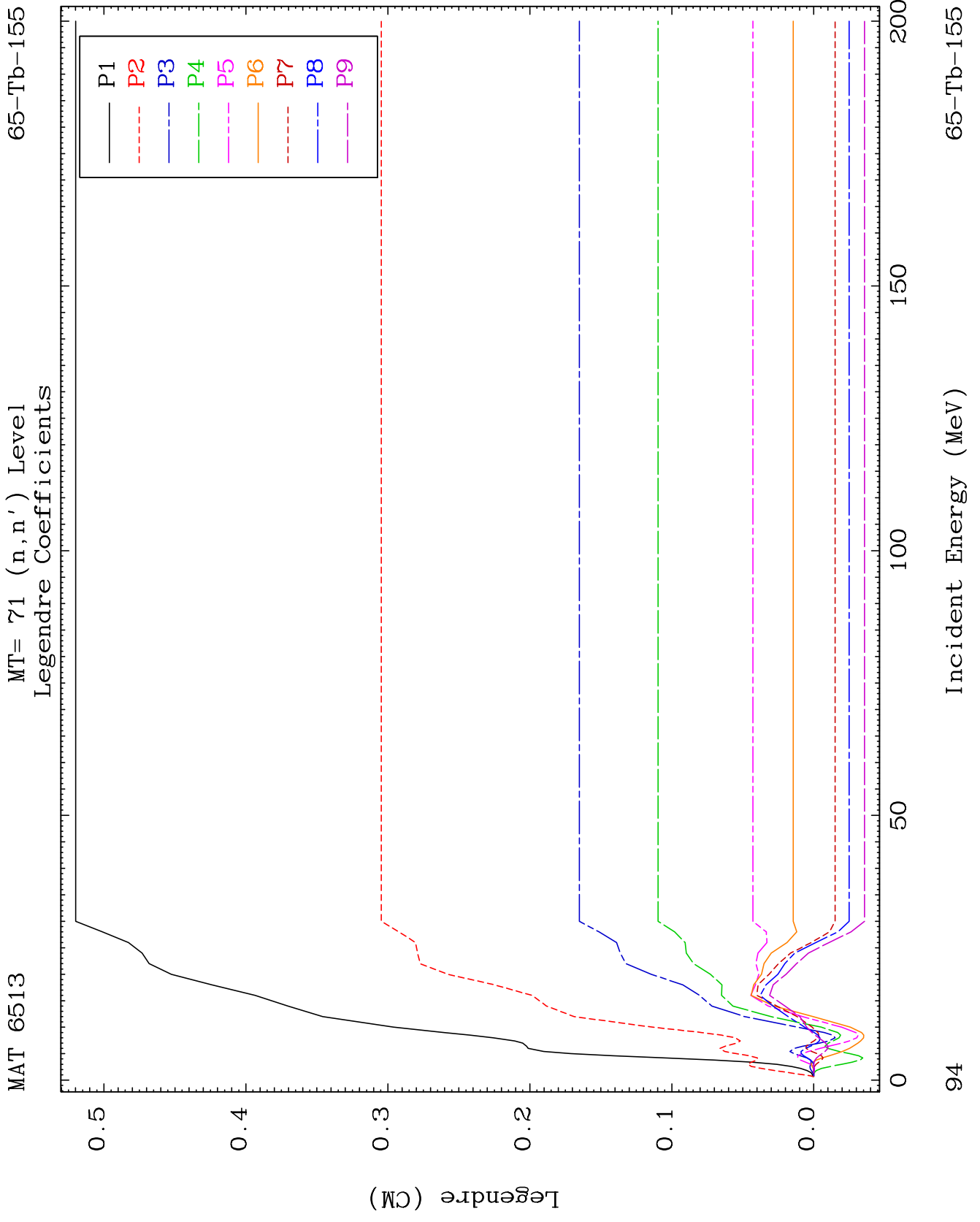


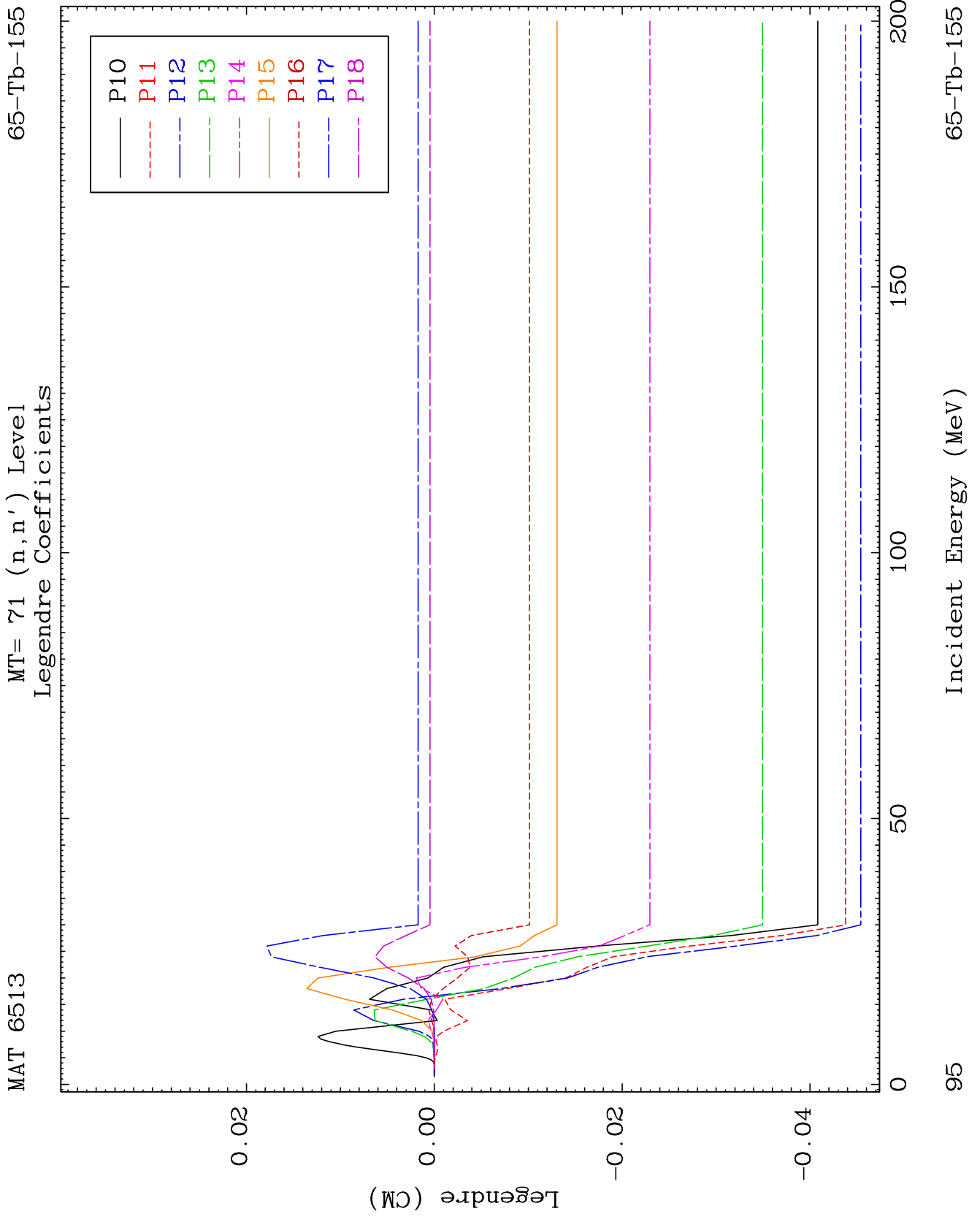
92

Incident Energy (MeV)

65-Tb-155



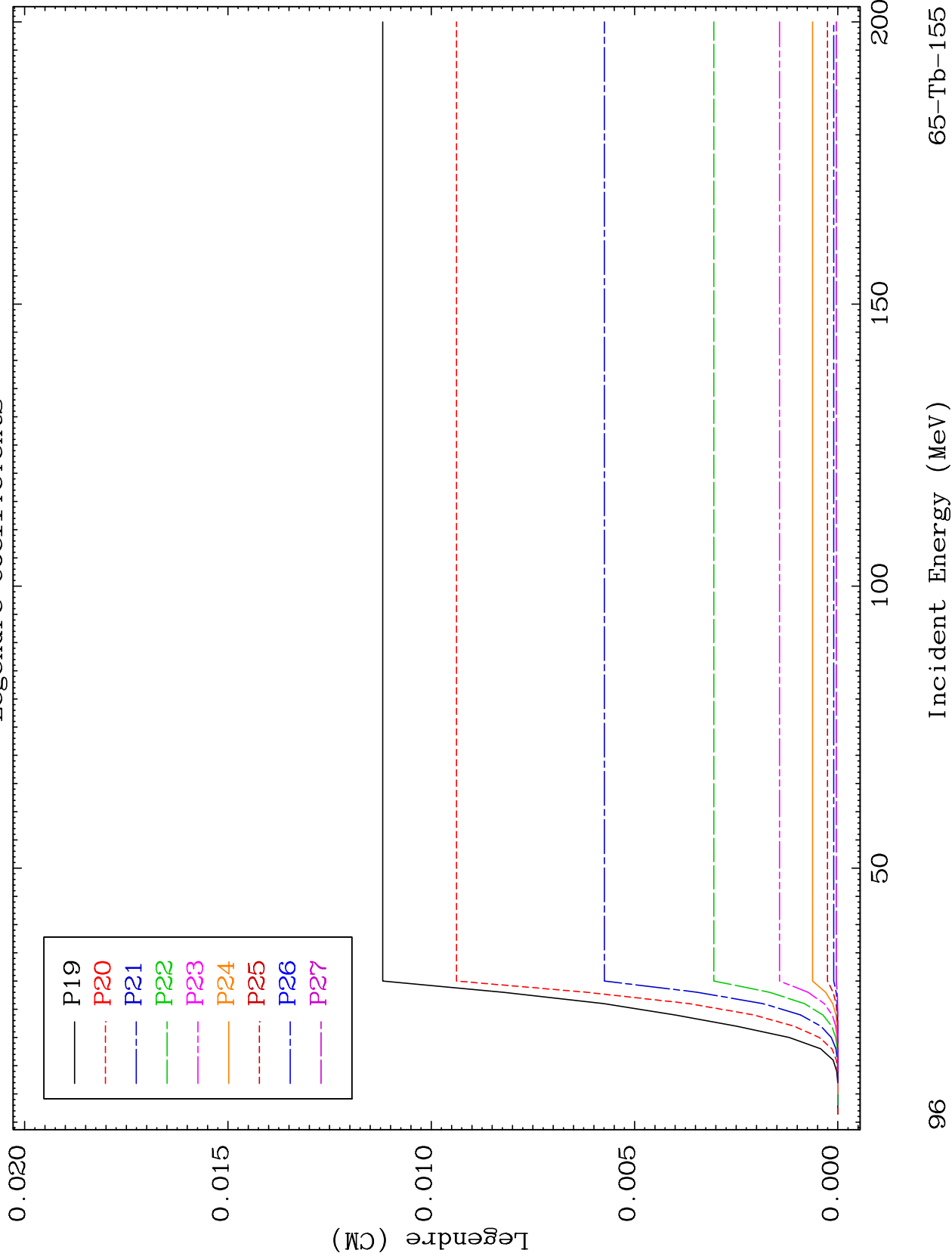




MAT 6513

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

65-Tb-155



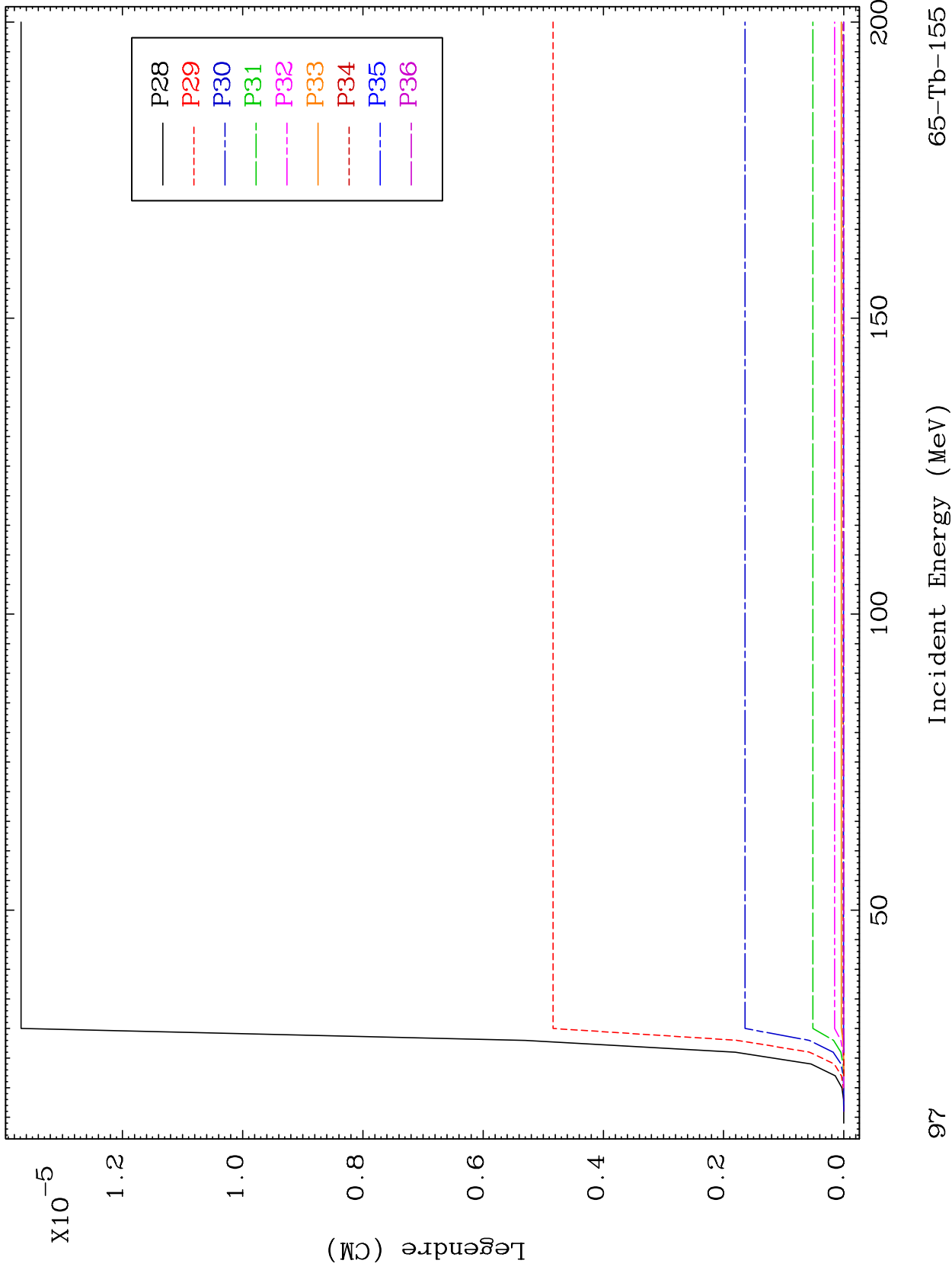
96

65-Tb-155

MAT 6513

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

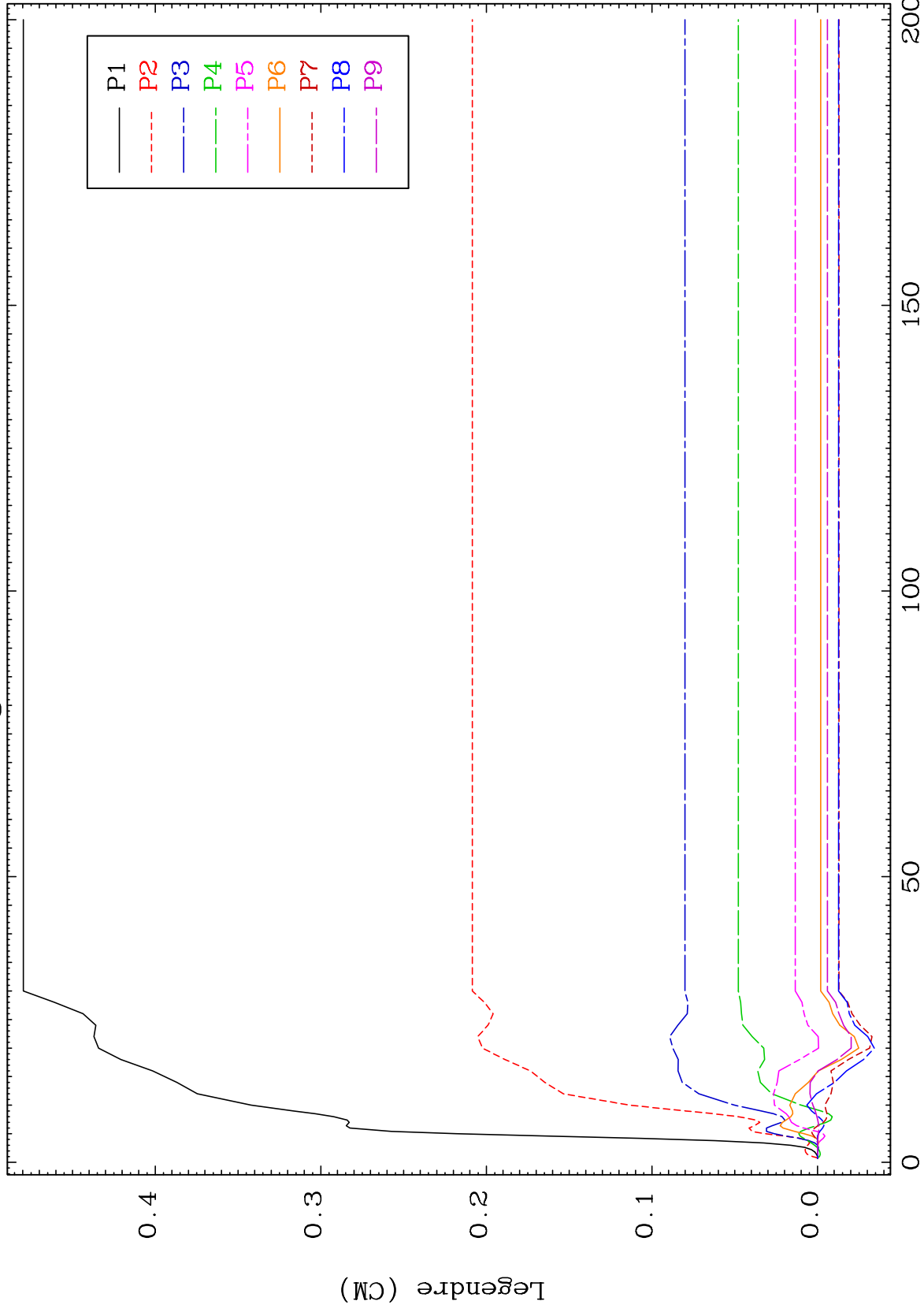
65-Tb-155



MAT 6513

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

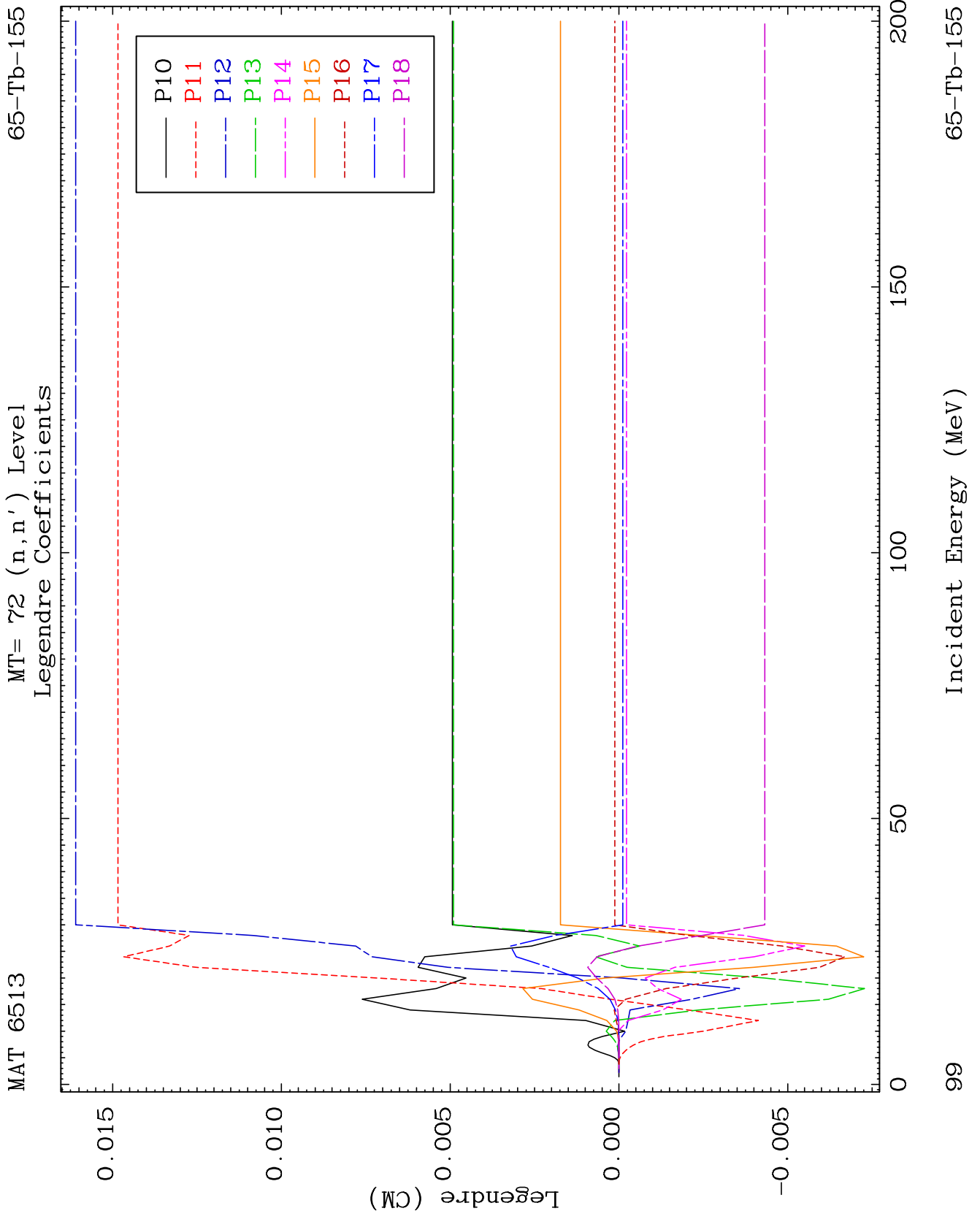
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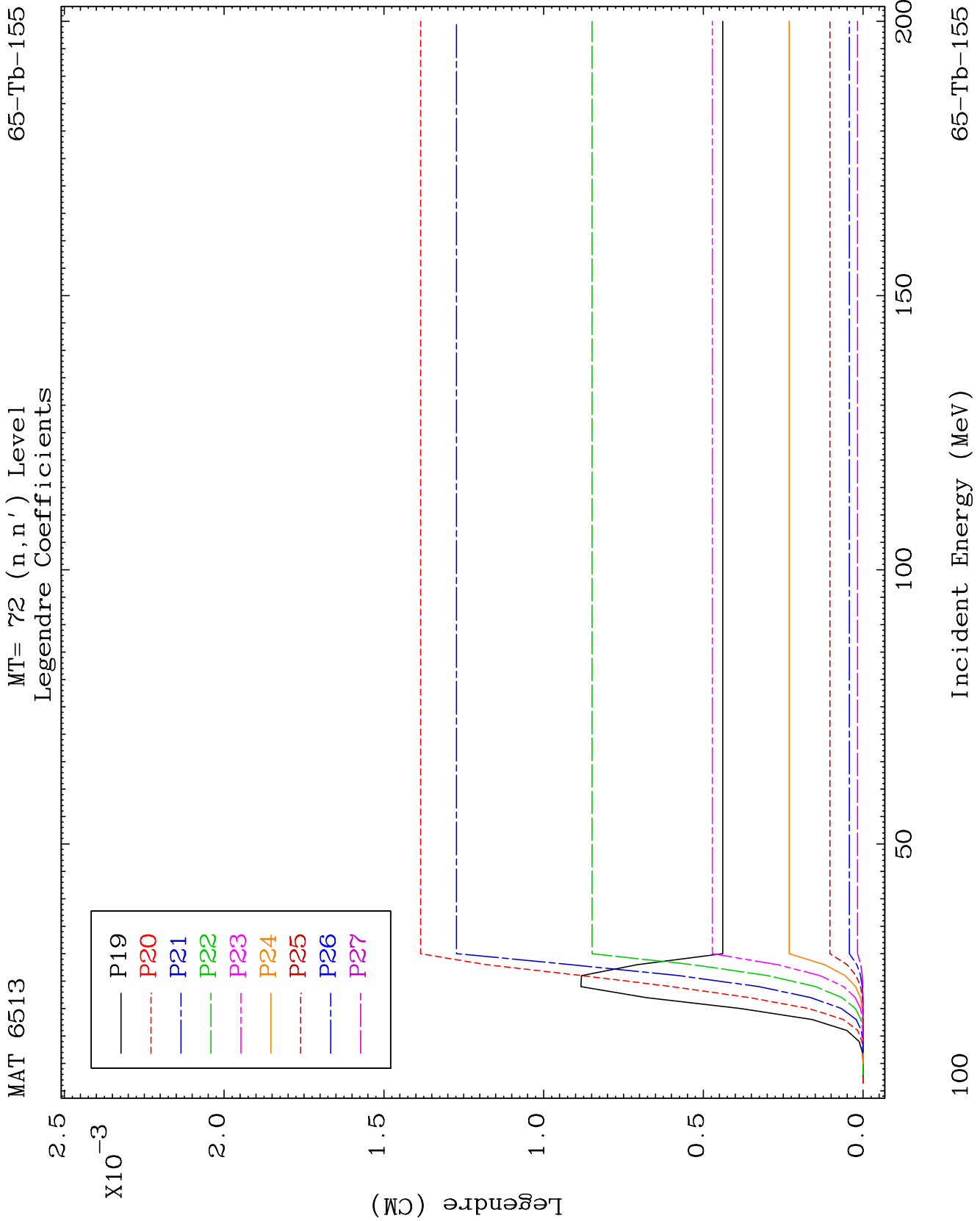


65-Tb-155

Incident Energy (MeV)

98

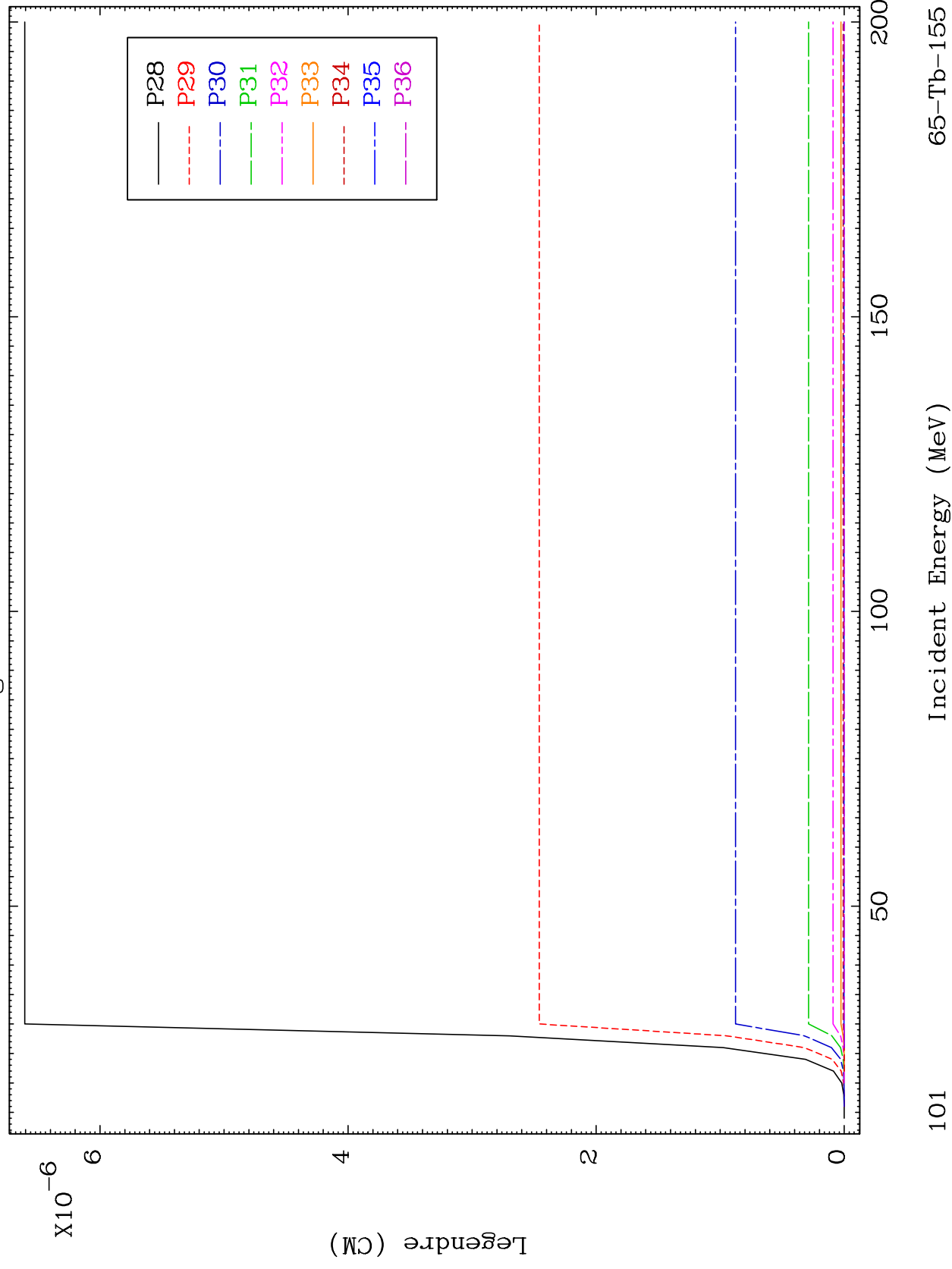




MAT 6513

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

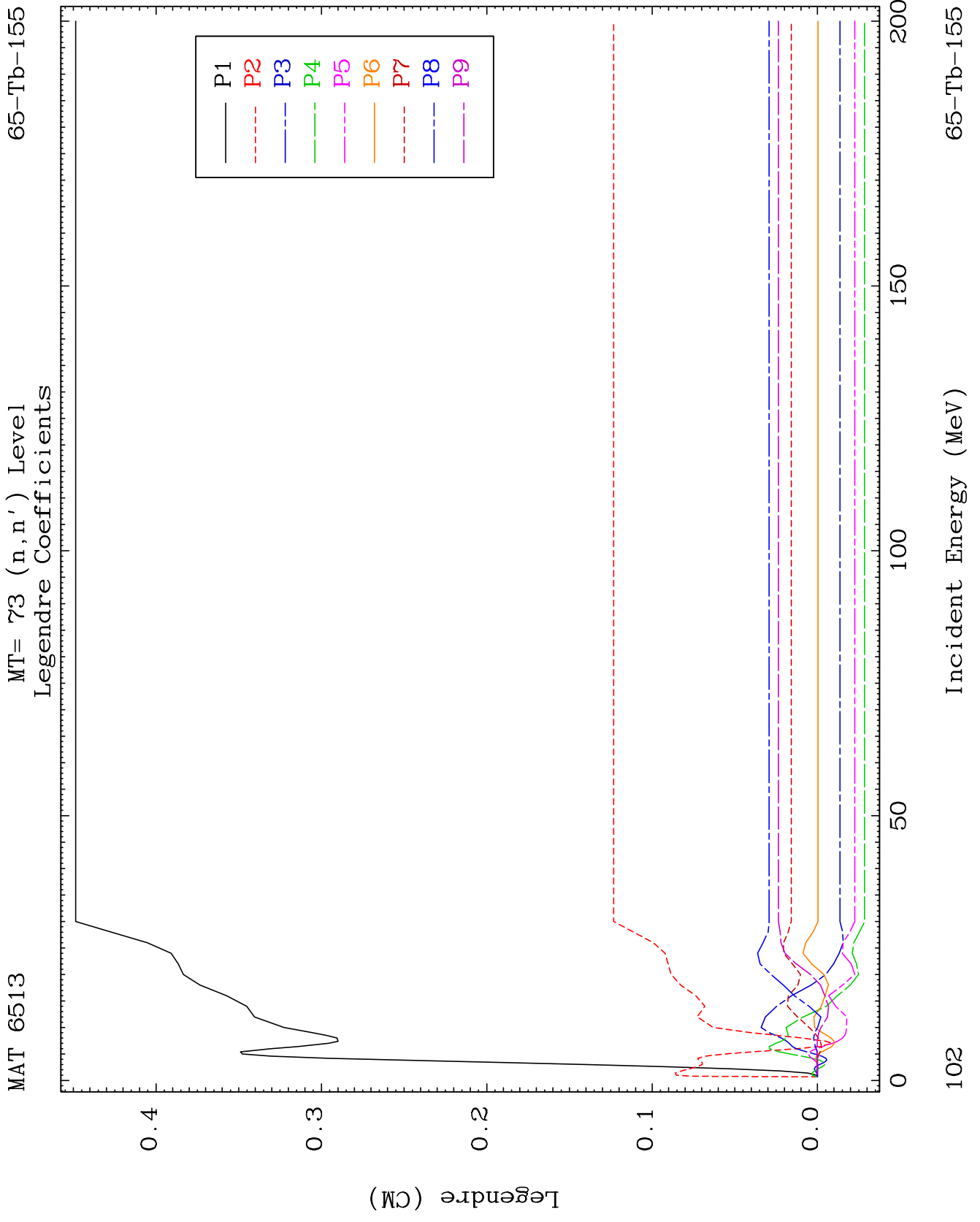
65-Tb-155



101

Incident Energy (MeV)

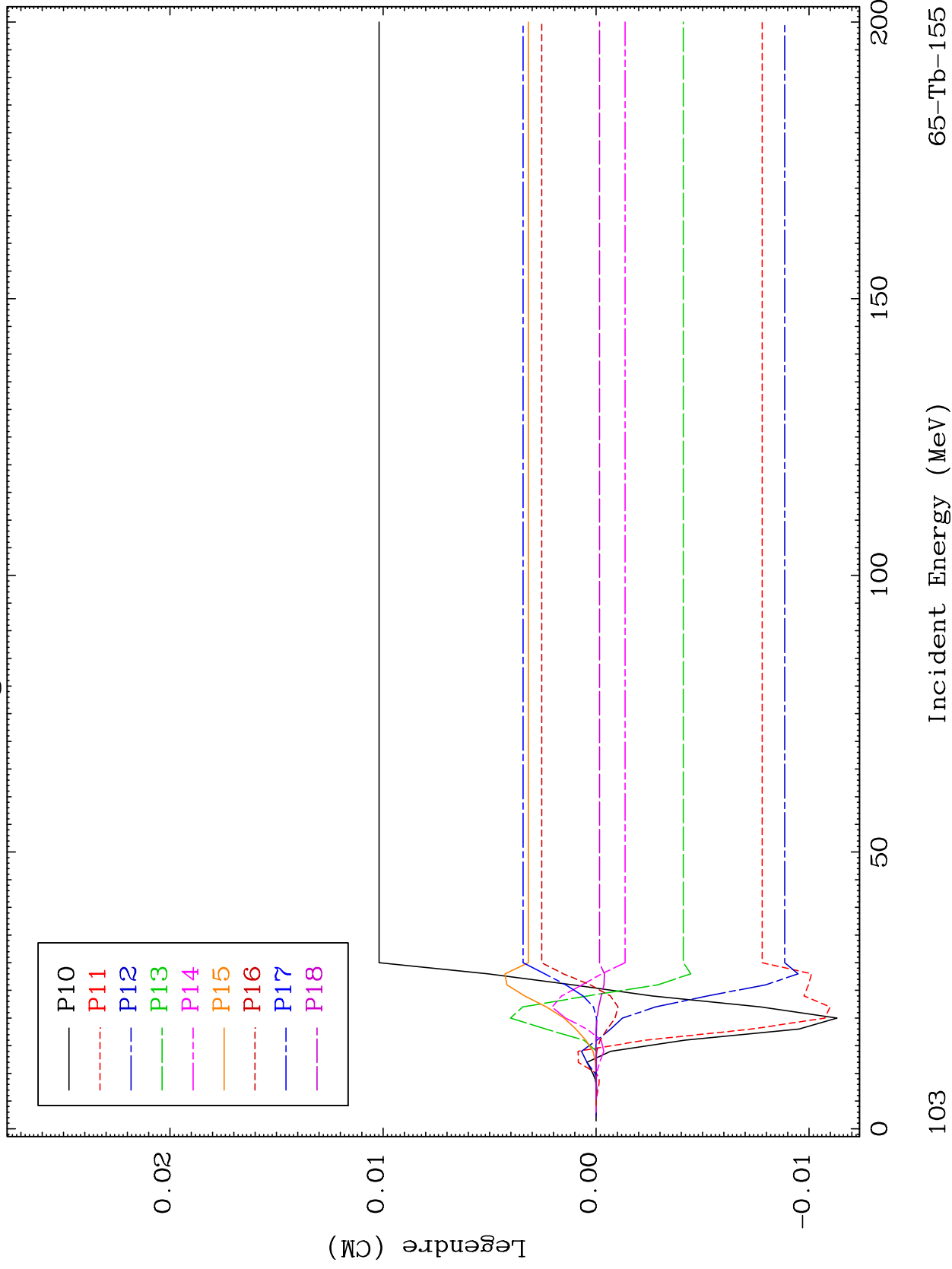
65-Tb-155



MAT 6513

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

65-Tb-155



103

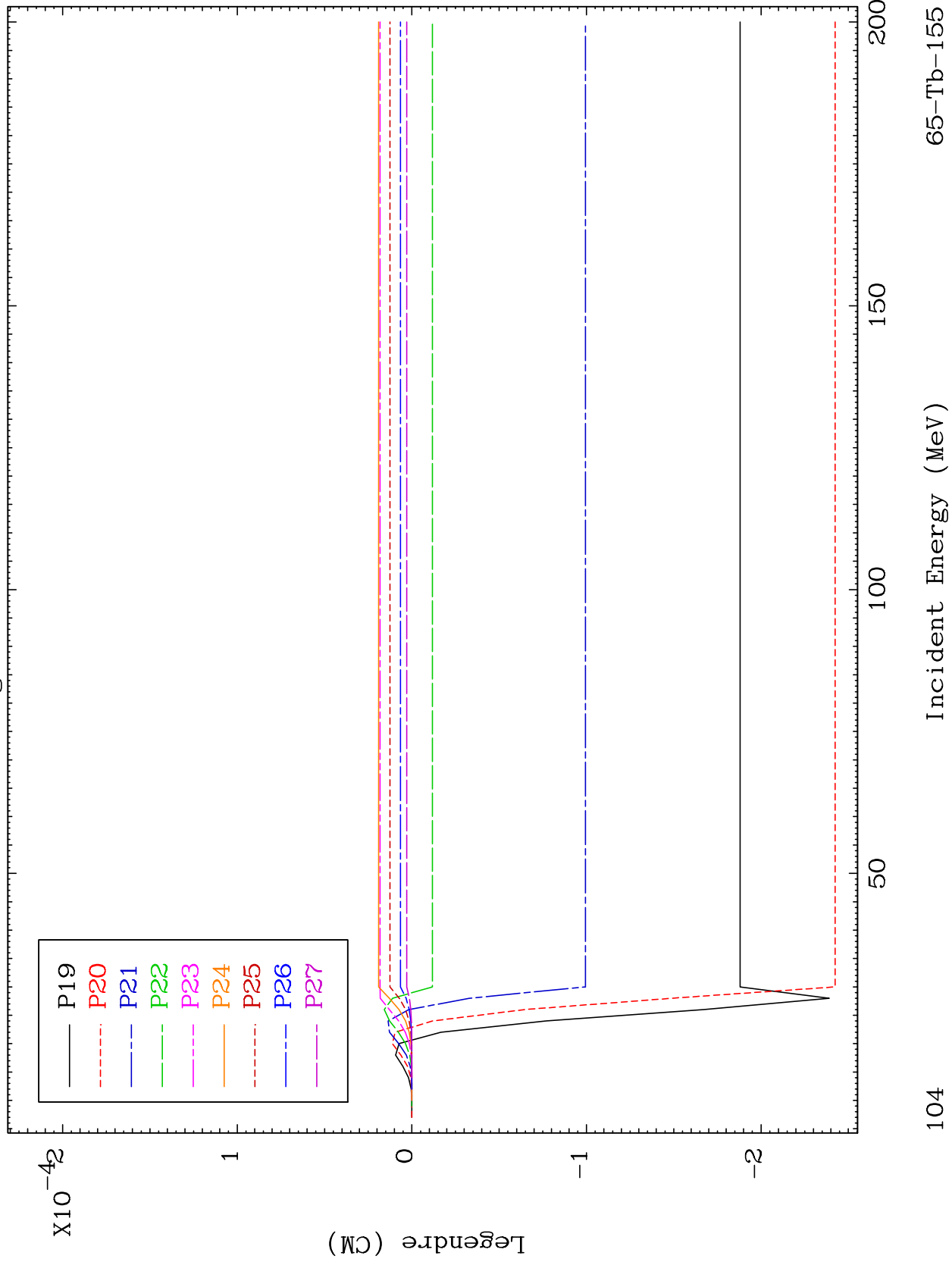
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

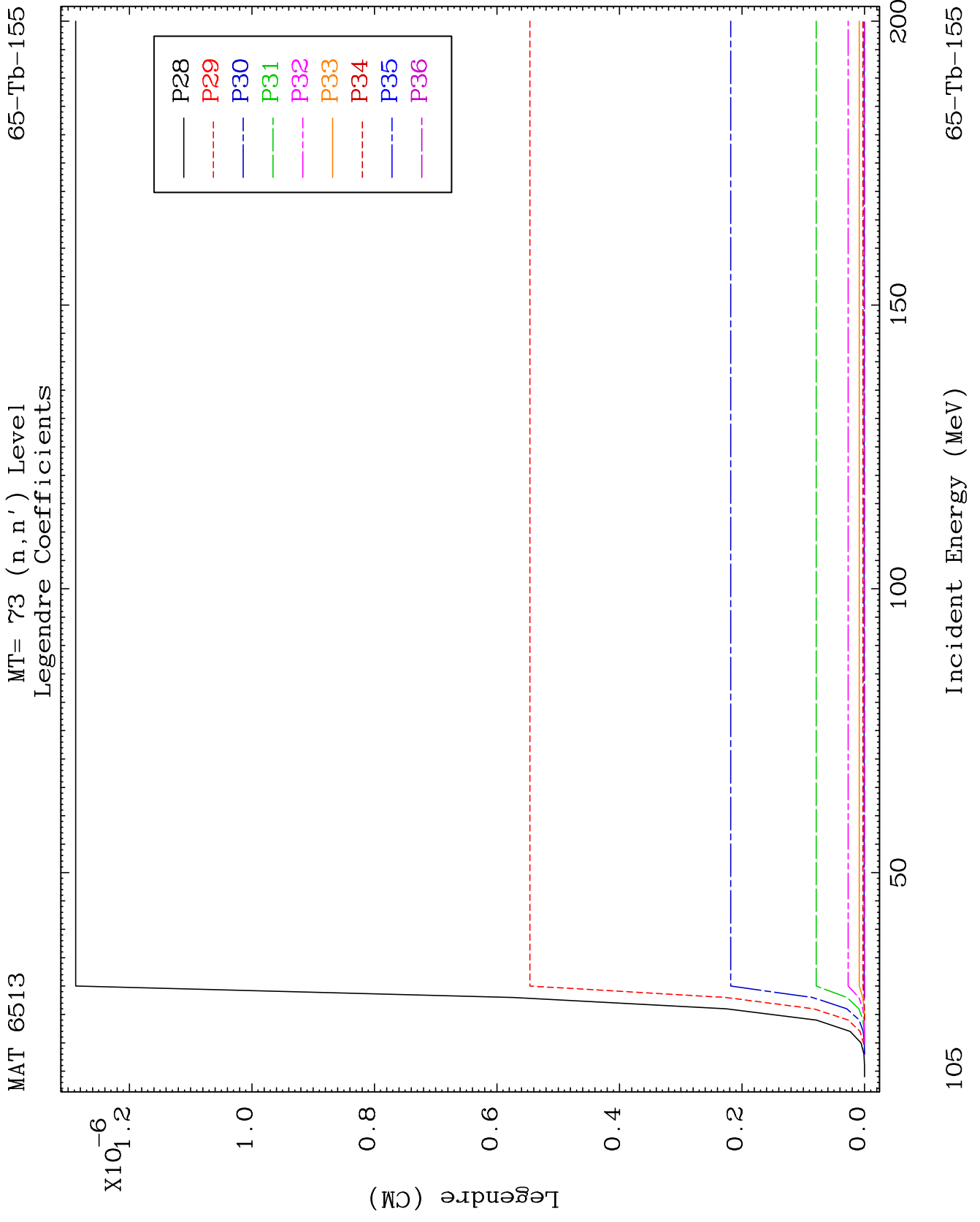
65-Tb-155

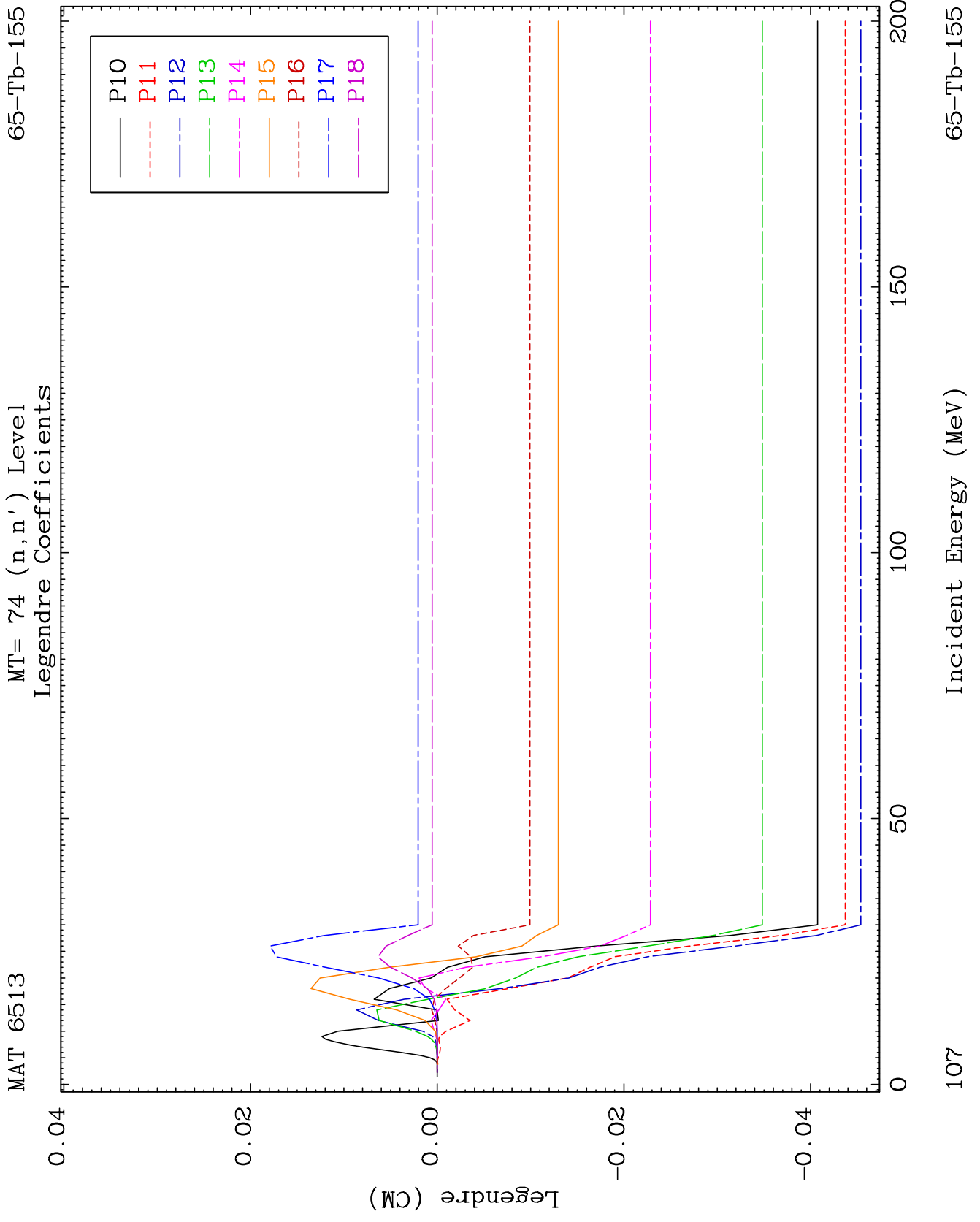


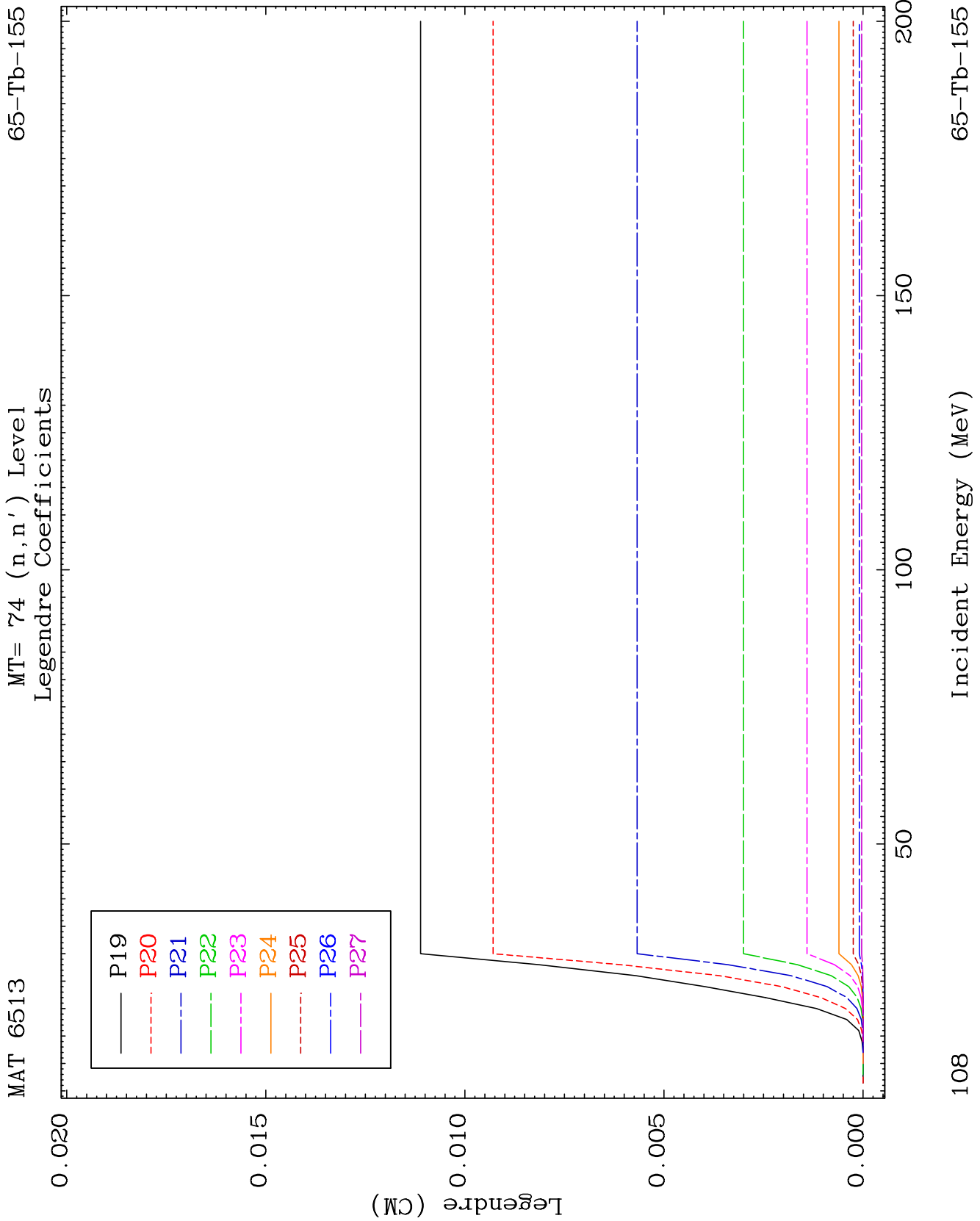
104

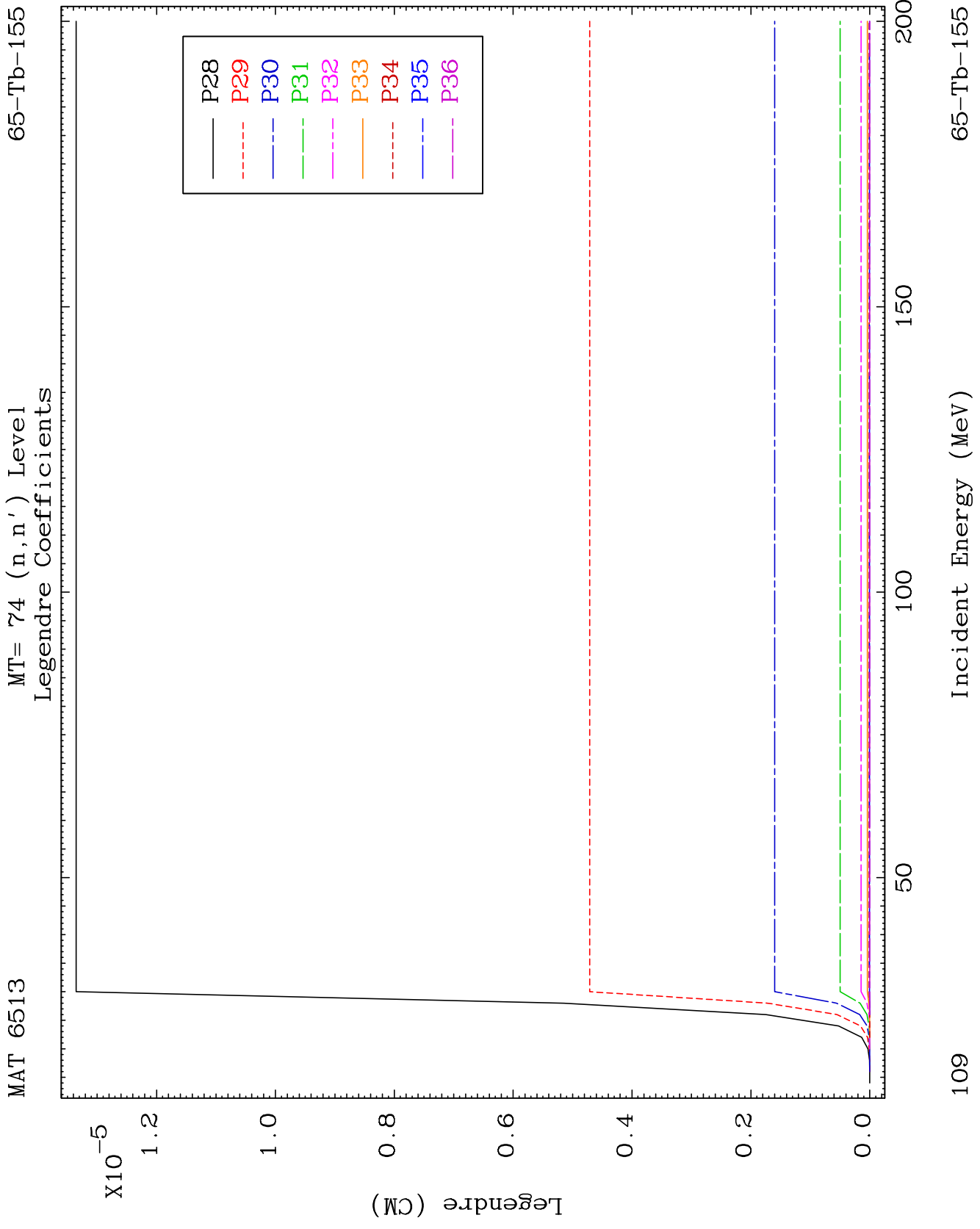
Incident Energy (MeV)

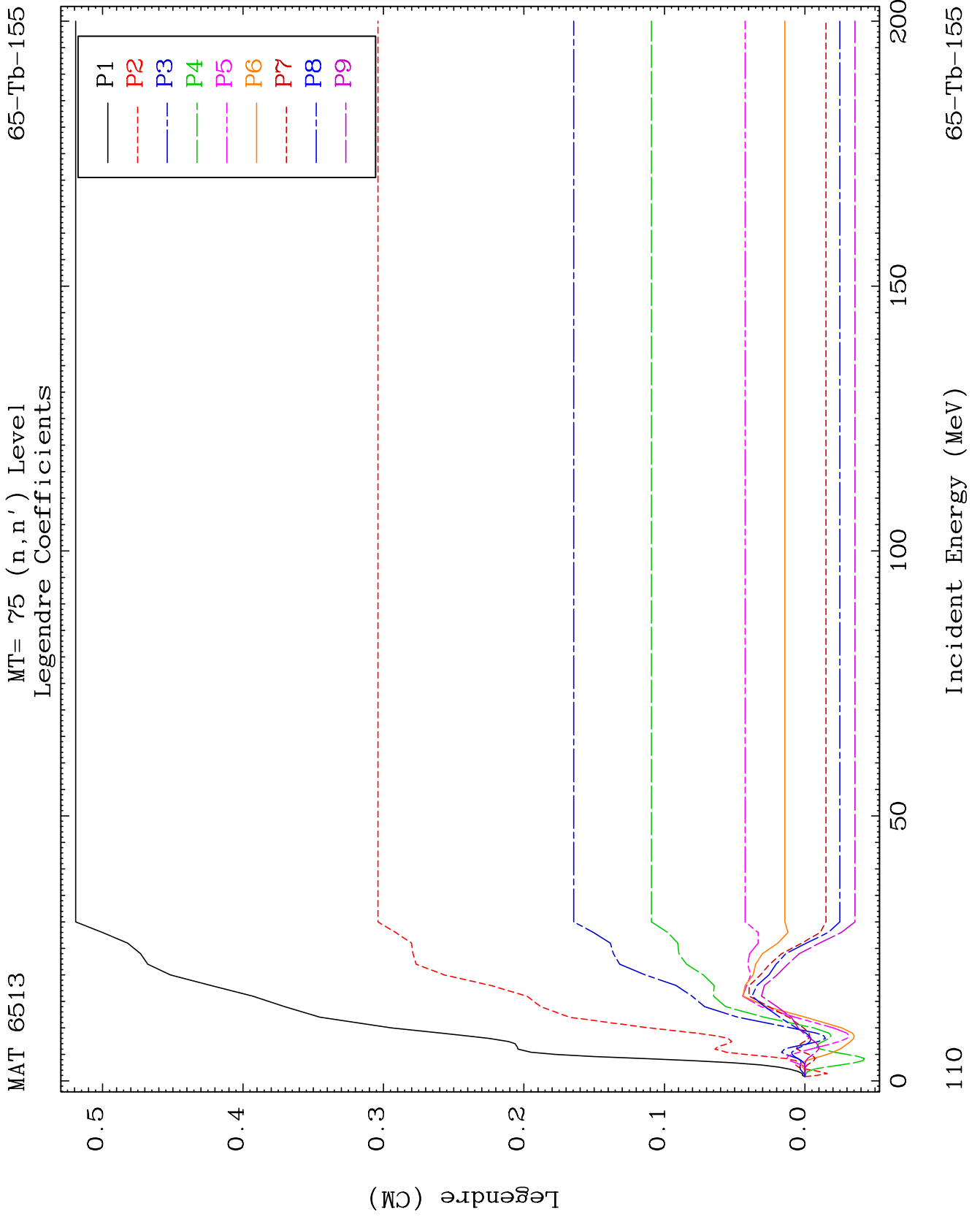
65-Tb-155

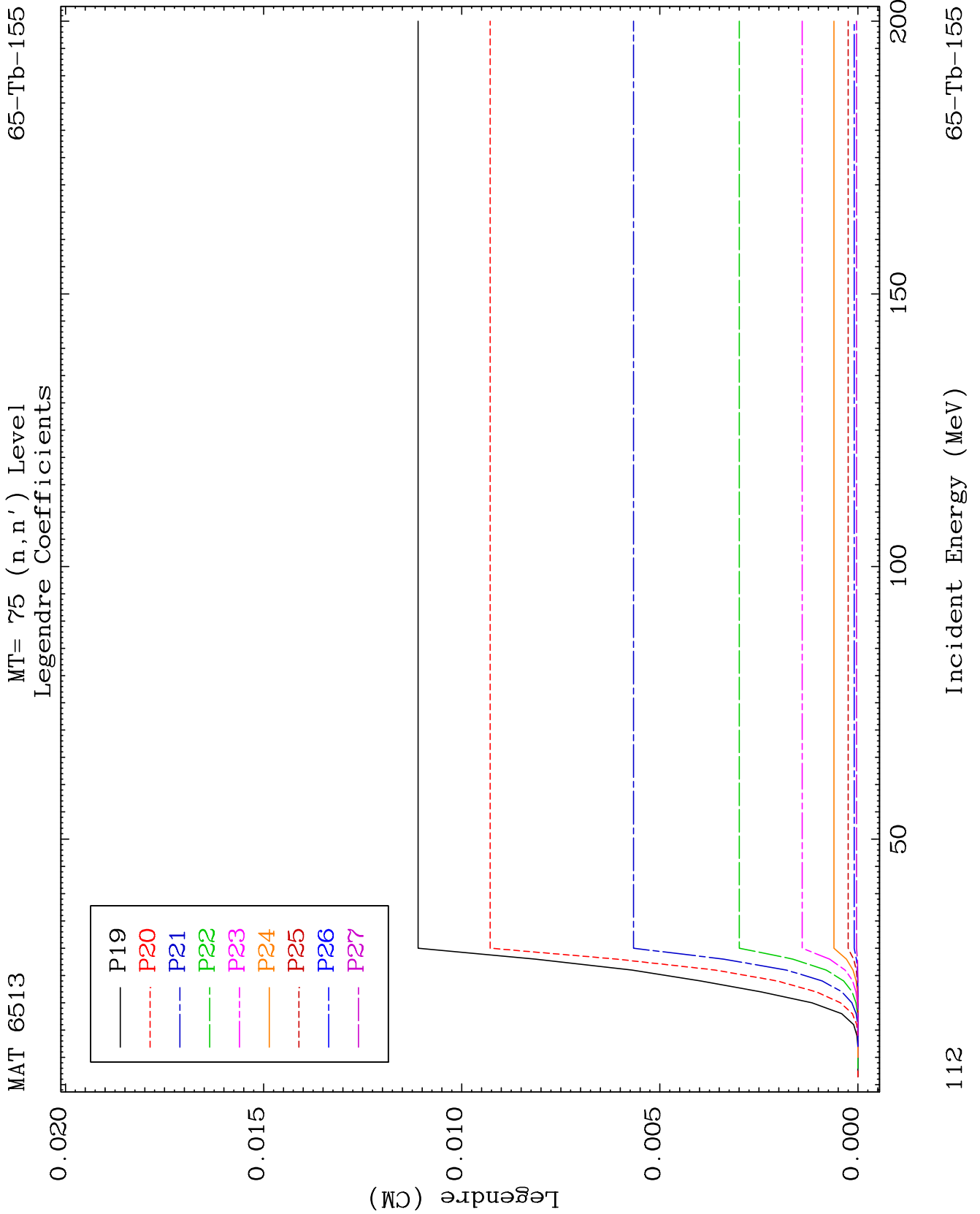


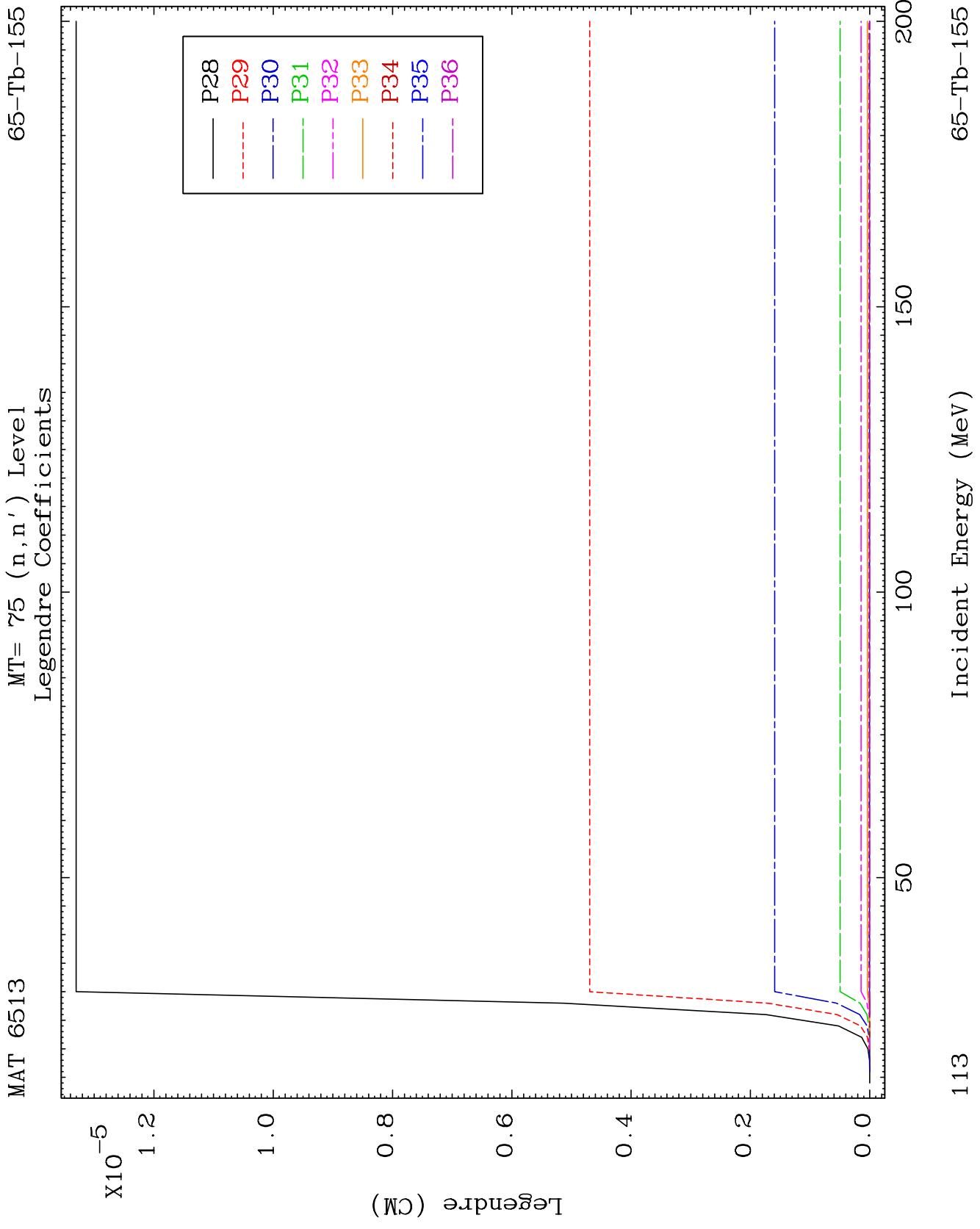








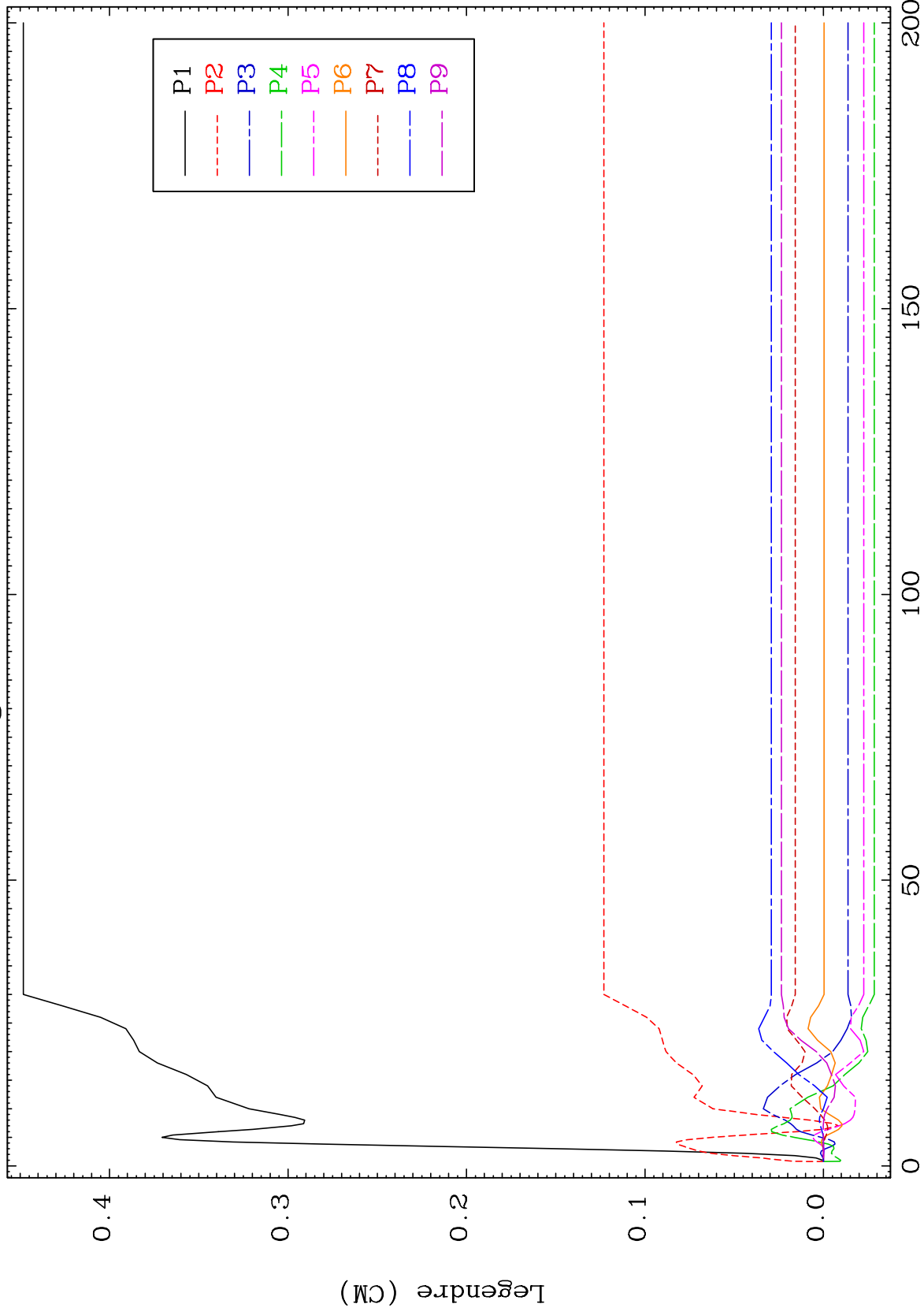




MAT 6513

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

65-Tb-155



114

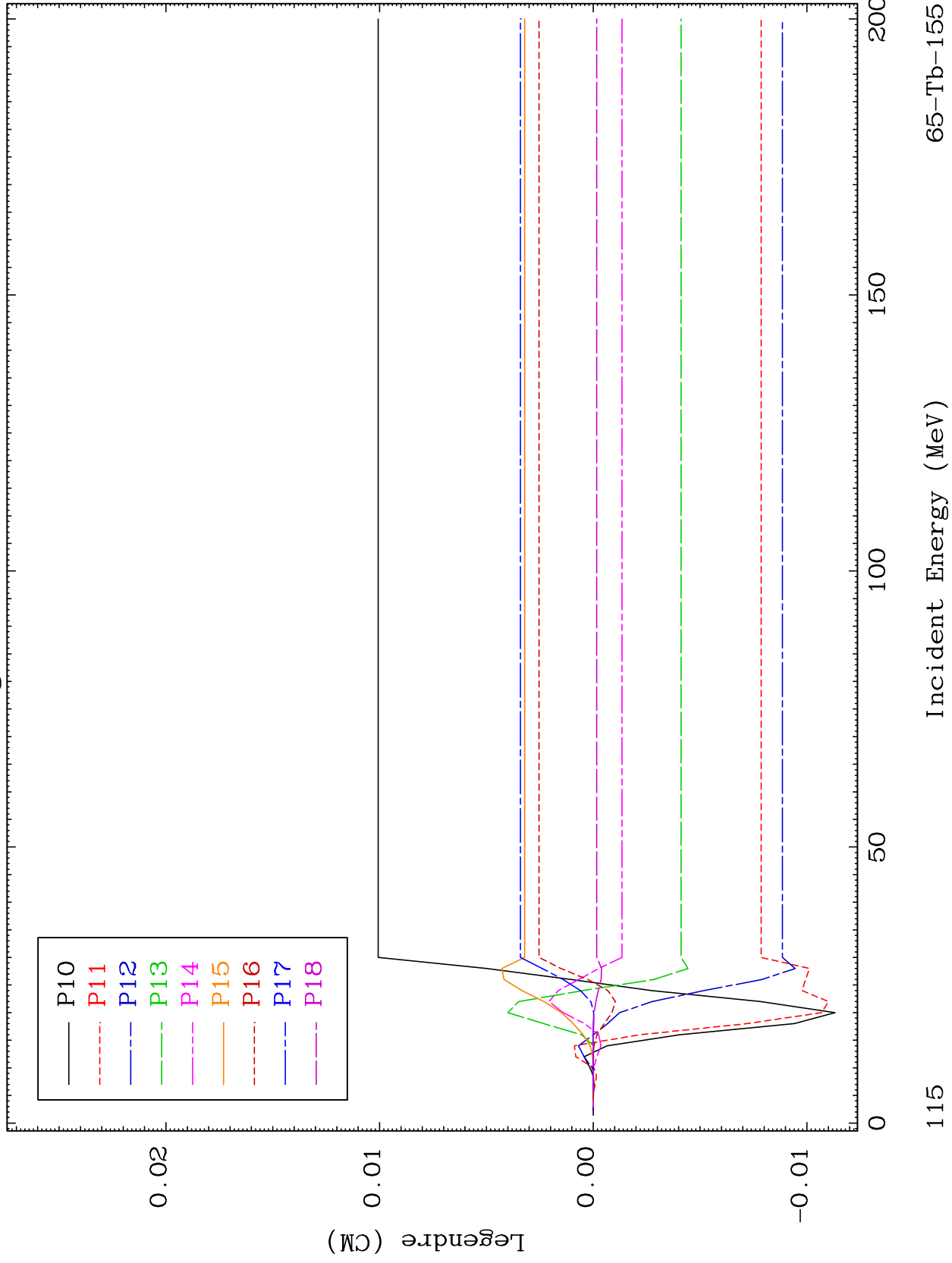
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



65-Tb-155

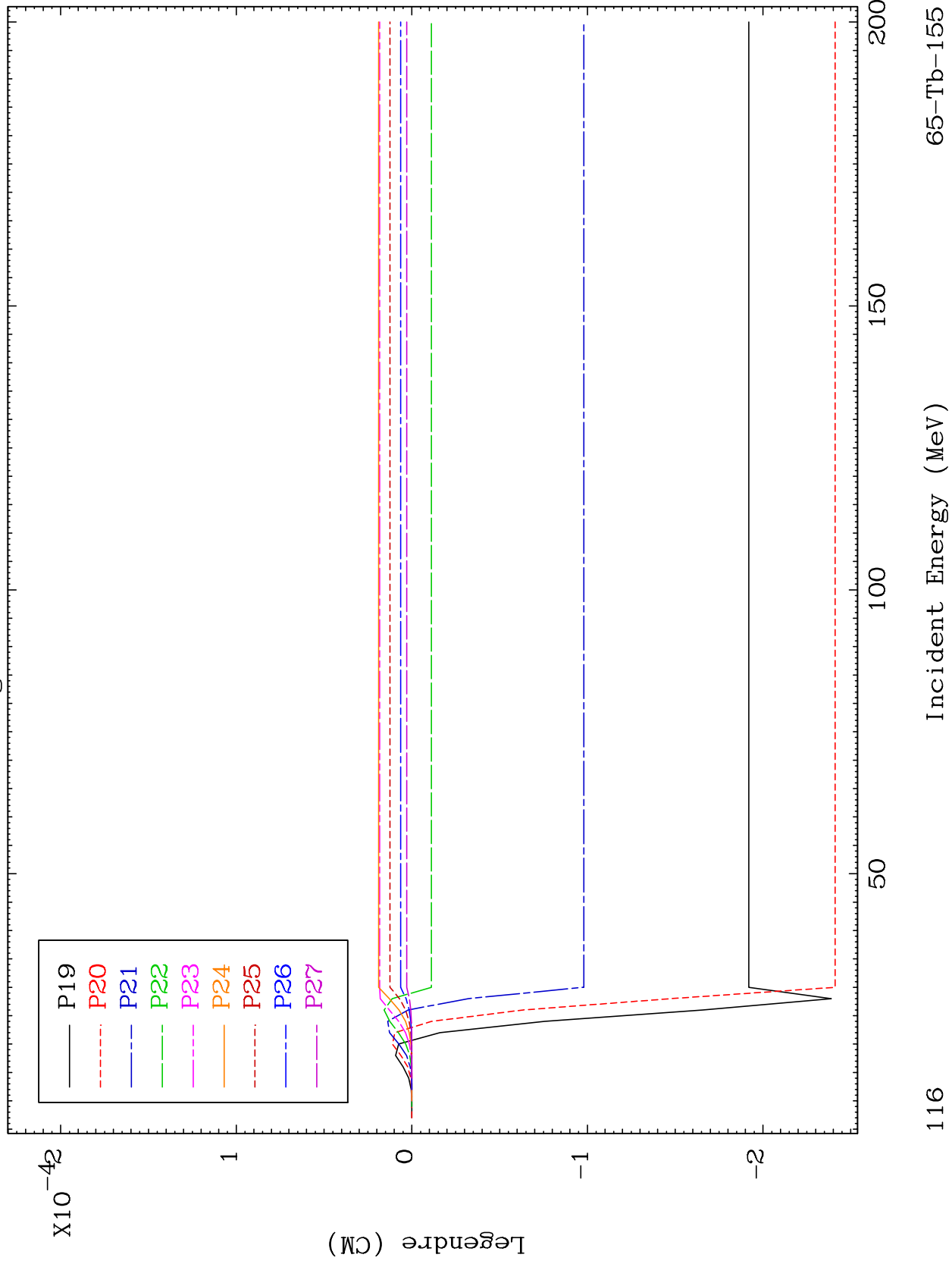
Incident Energy (MeV)

115

MAT 6513

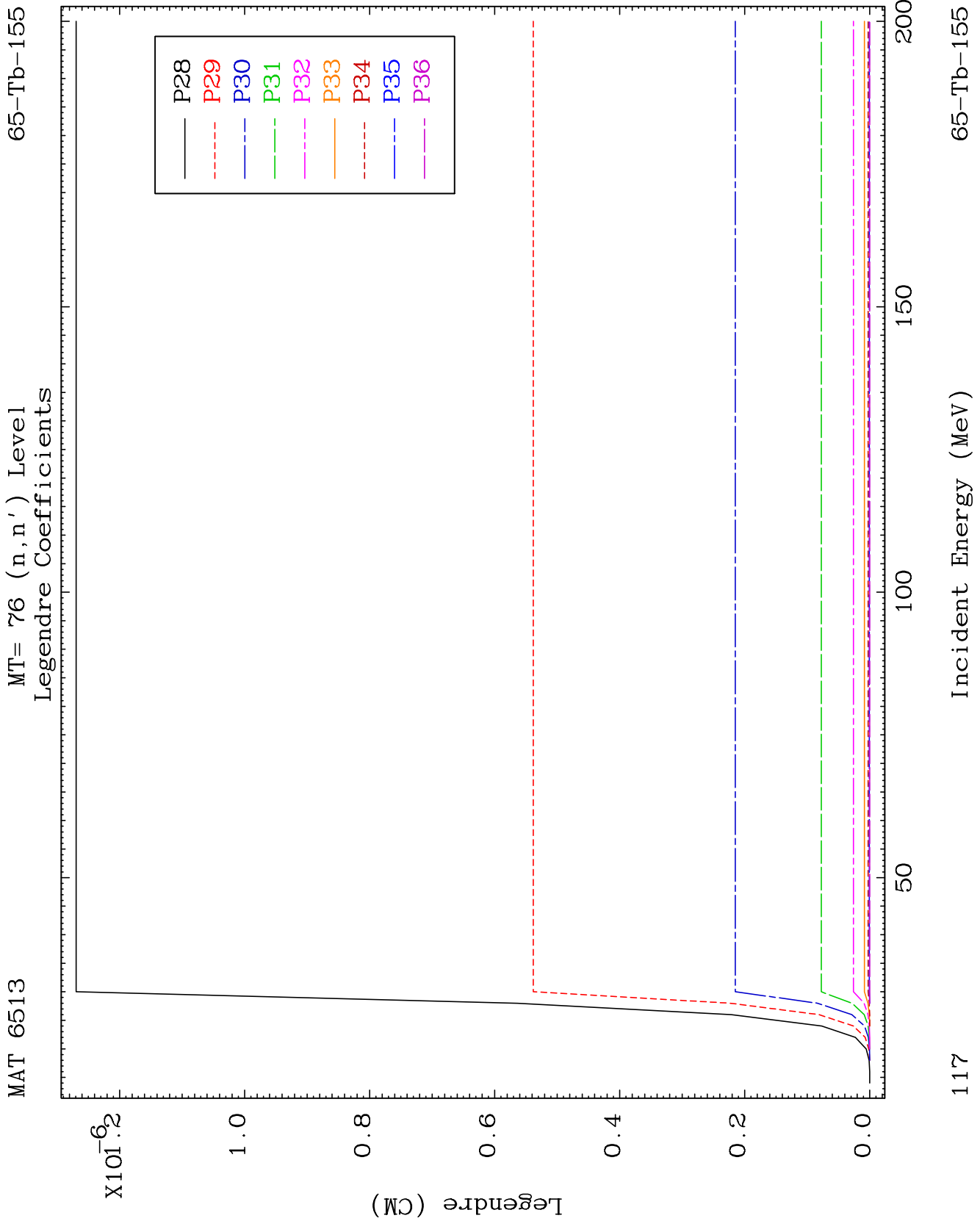
MT= 76 (n,n') Level
Legendre Coefficients

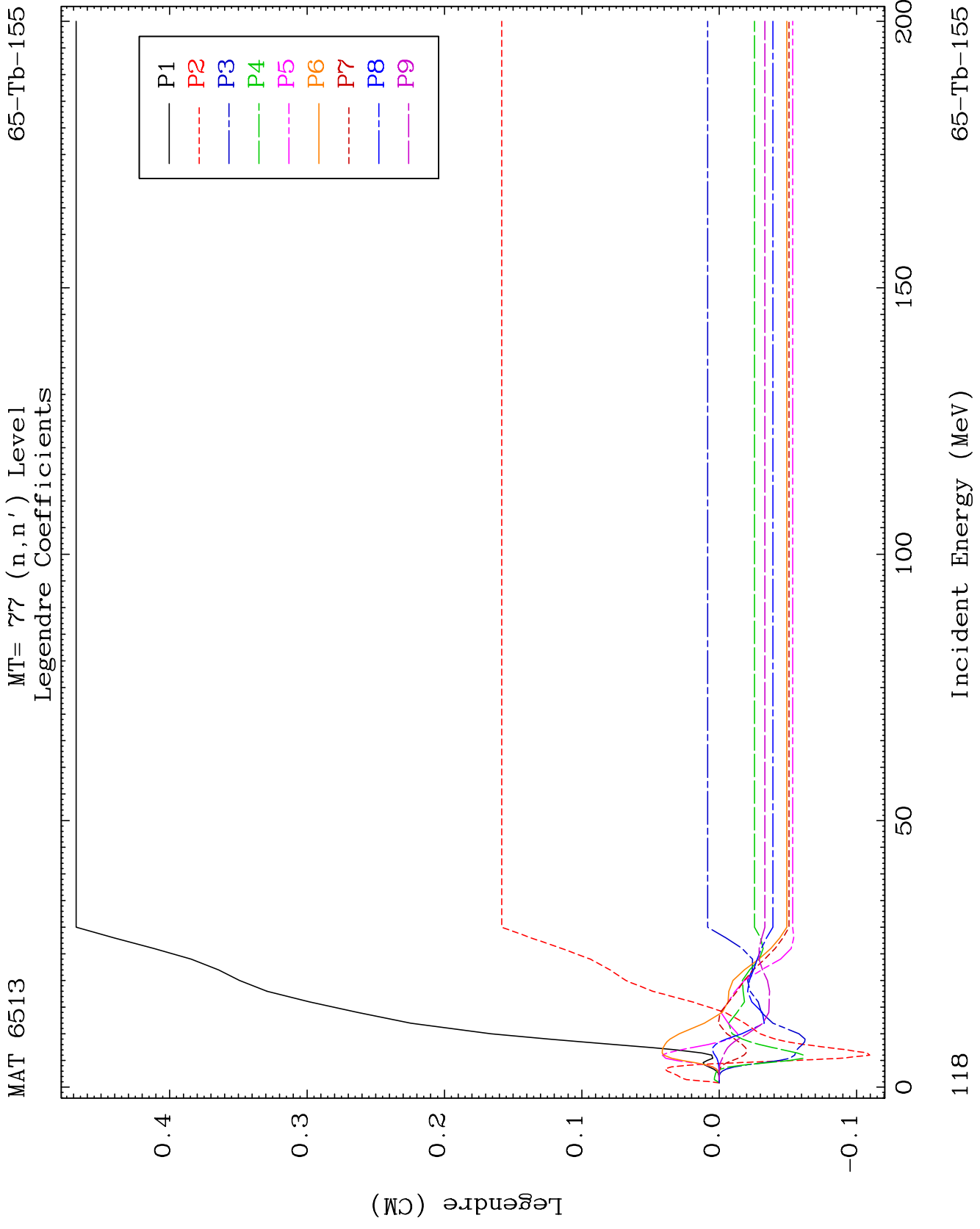
65-Tb-155



116

65-Tb-155

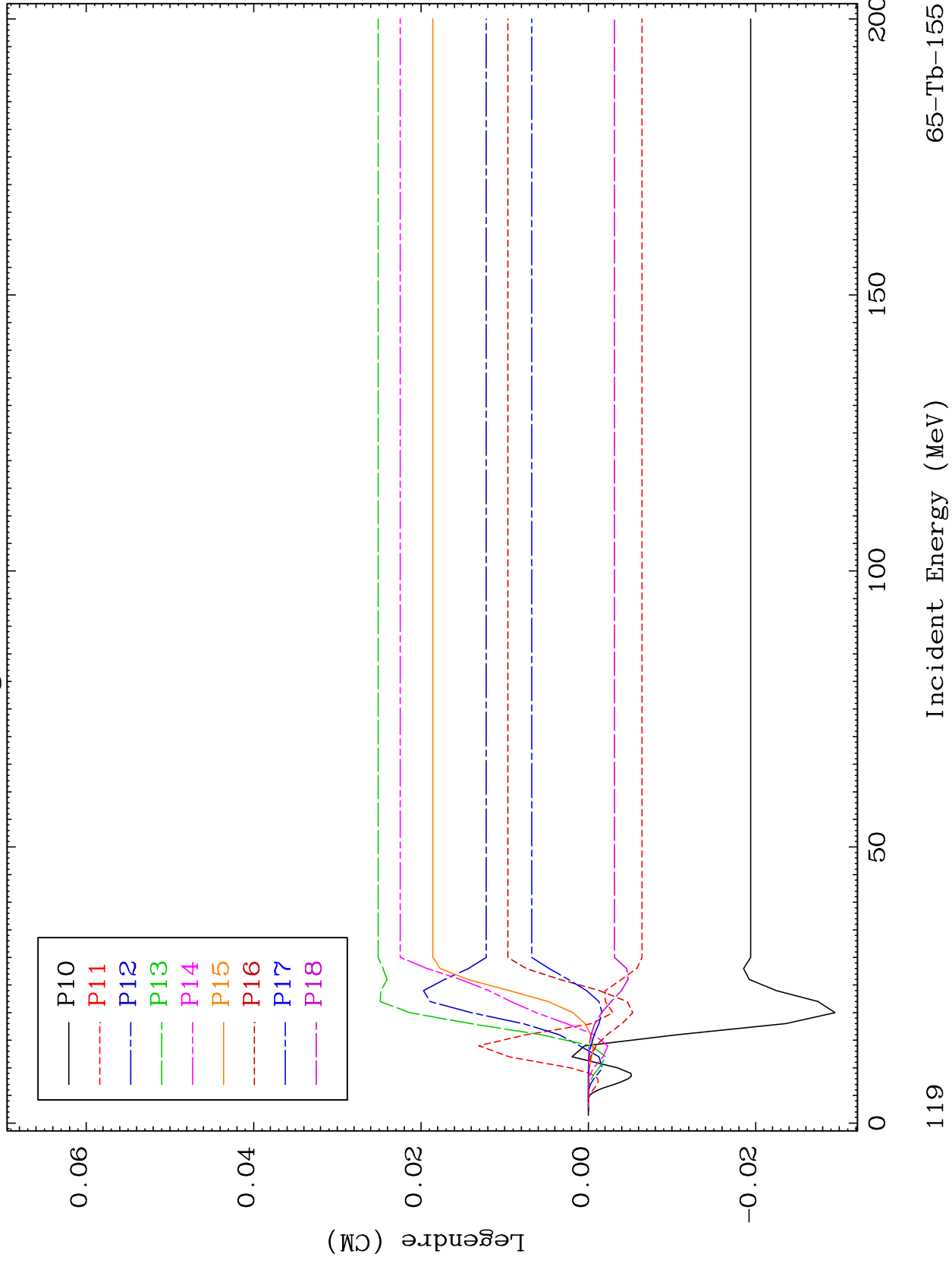




MAT 6513

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

65-Tb-155



119

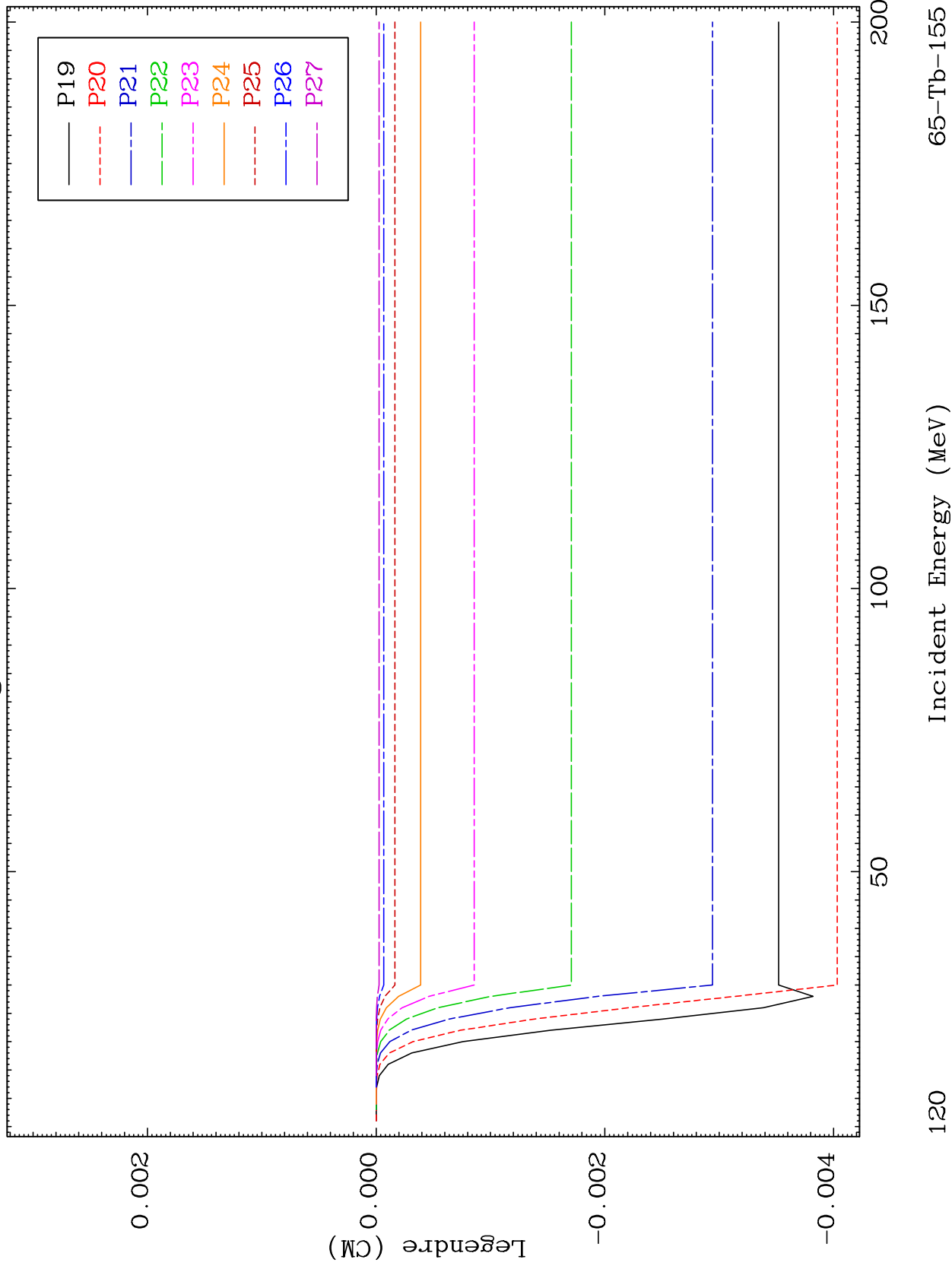
Incident Energy (MeV)

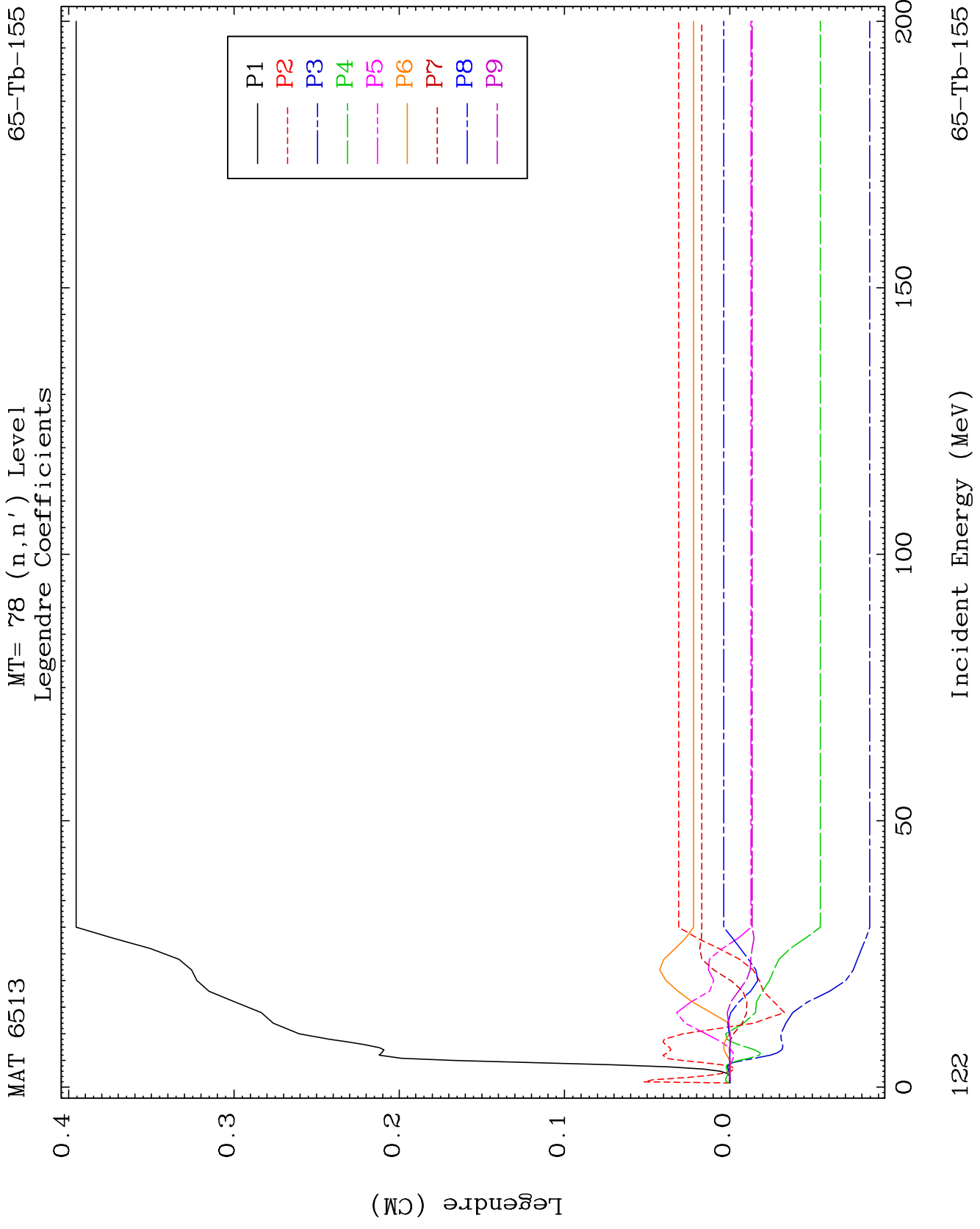
65-Tb-155

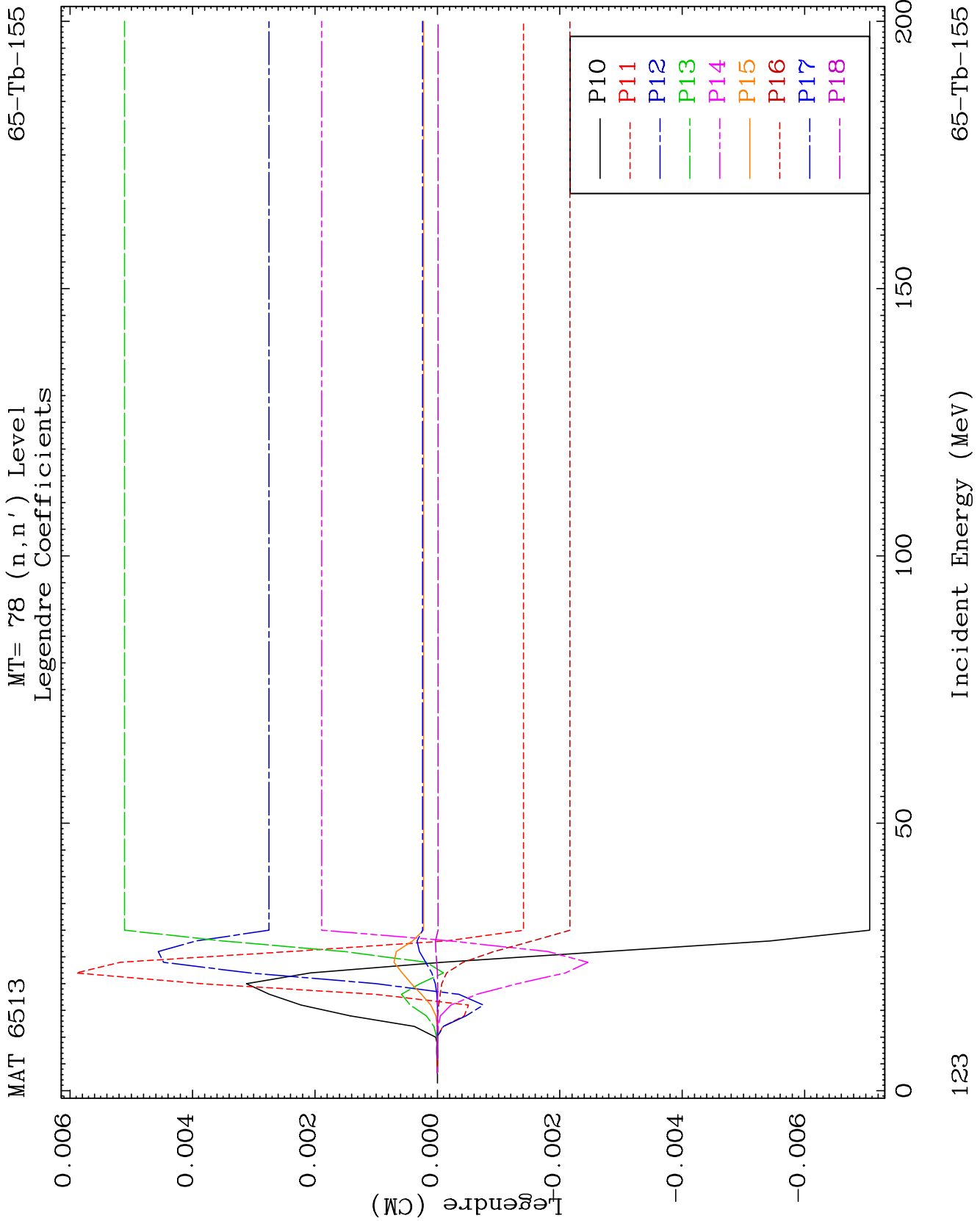
MAT 6513

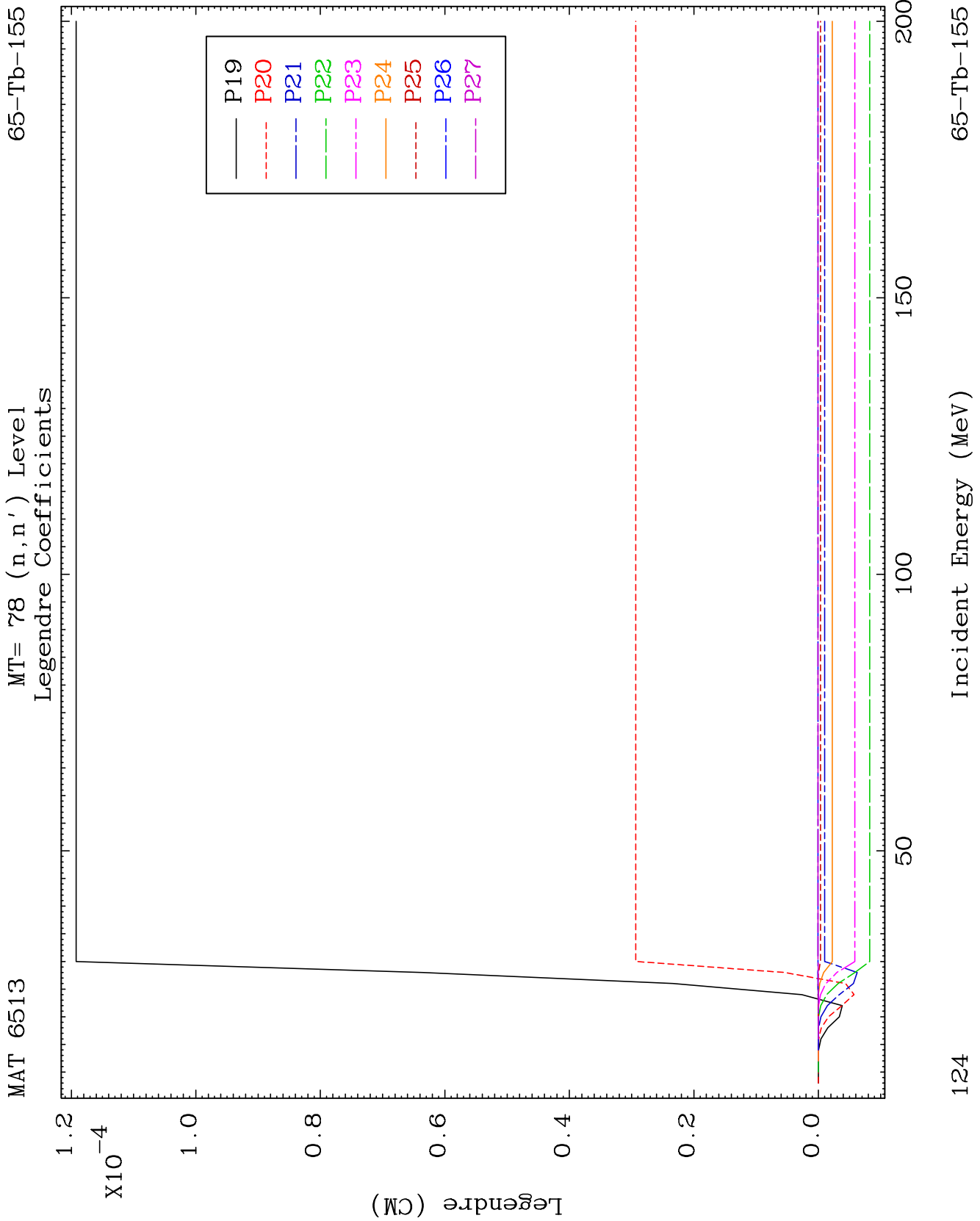
MT= 77 (n,n') Level
Legendre Coefficients

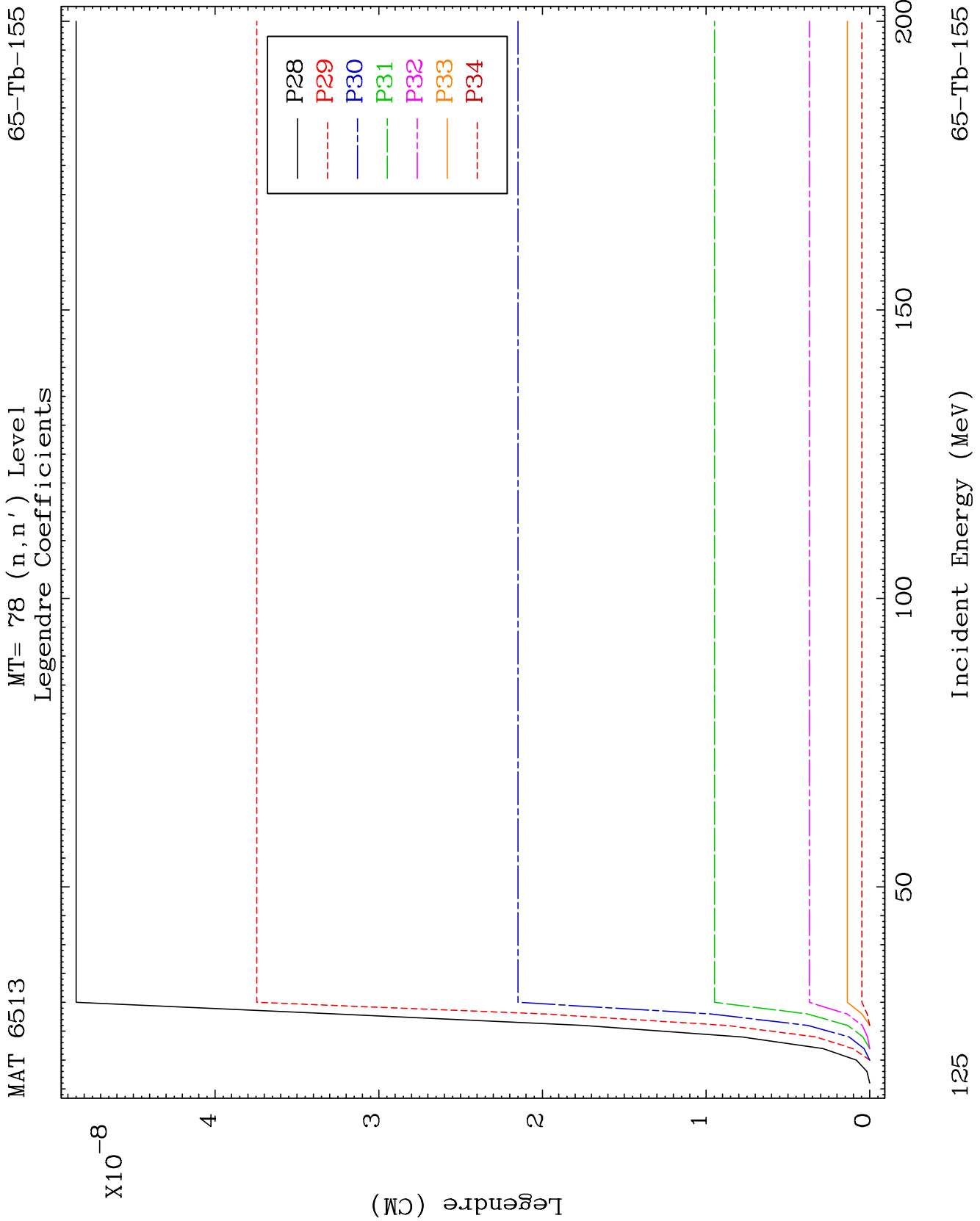
65-Tb-155

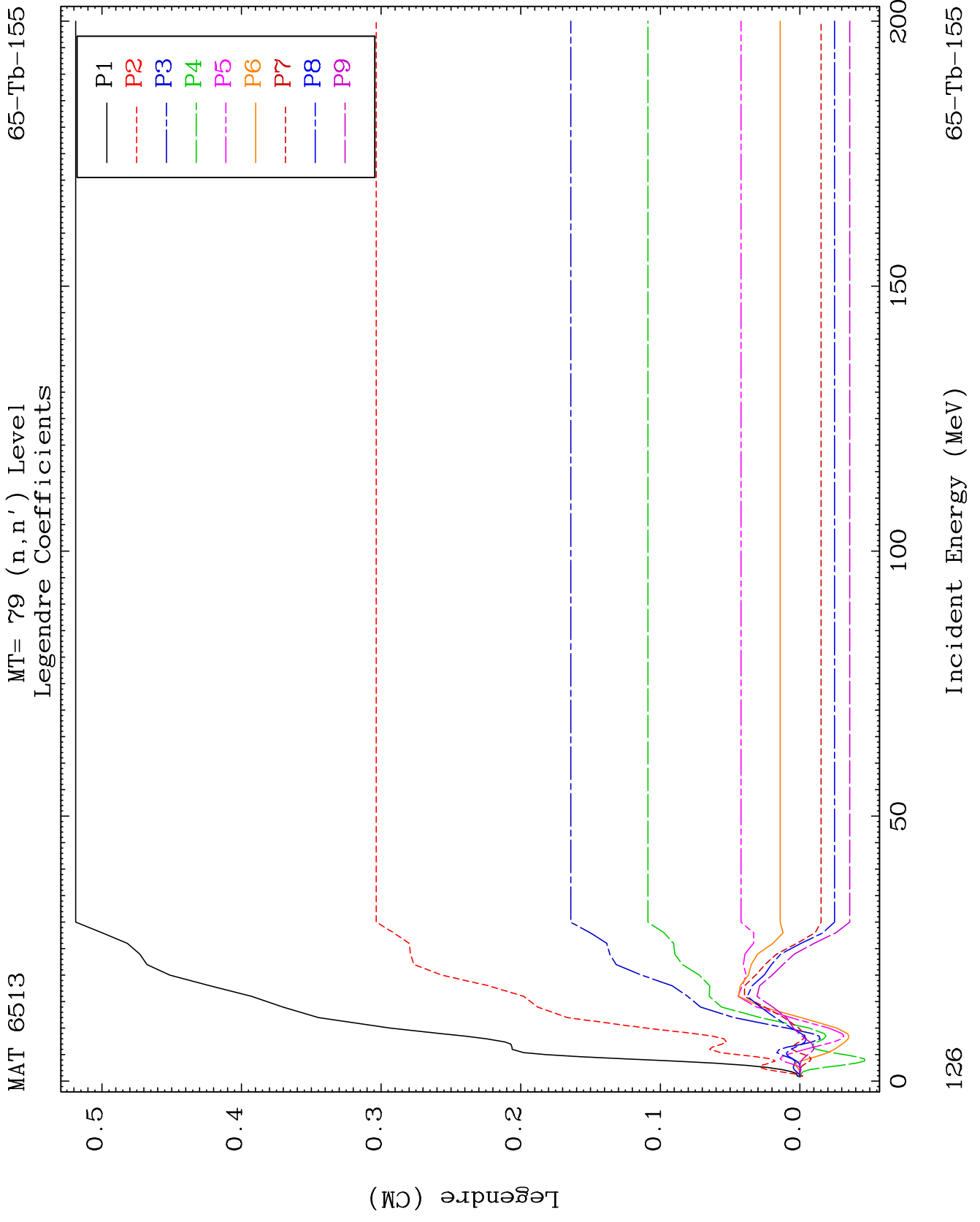


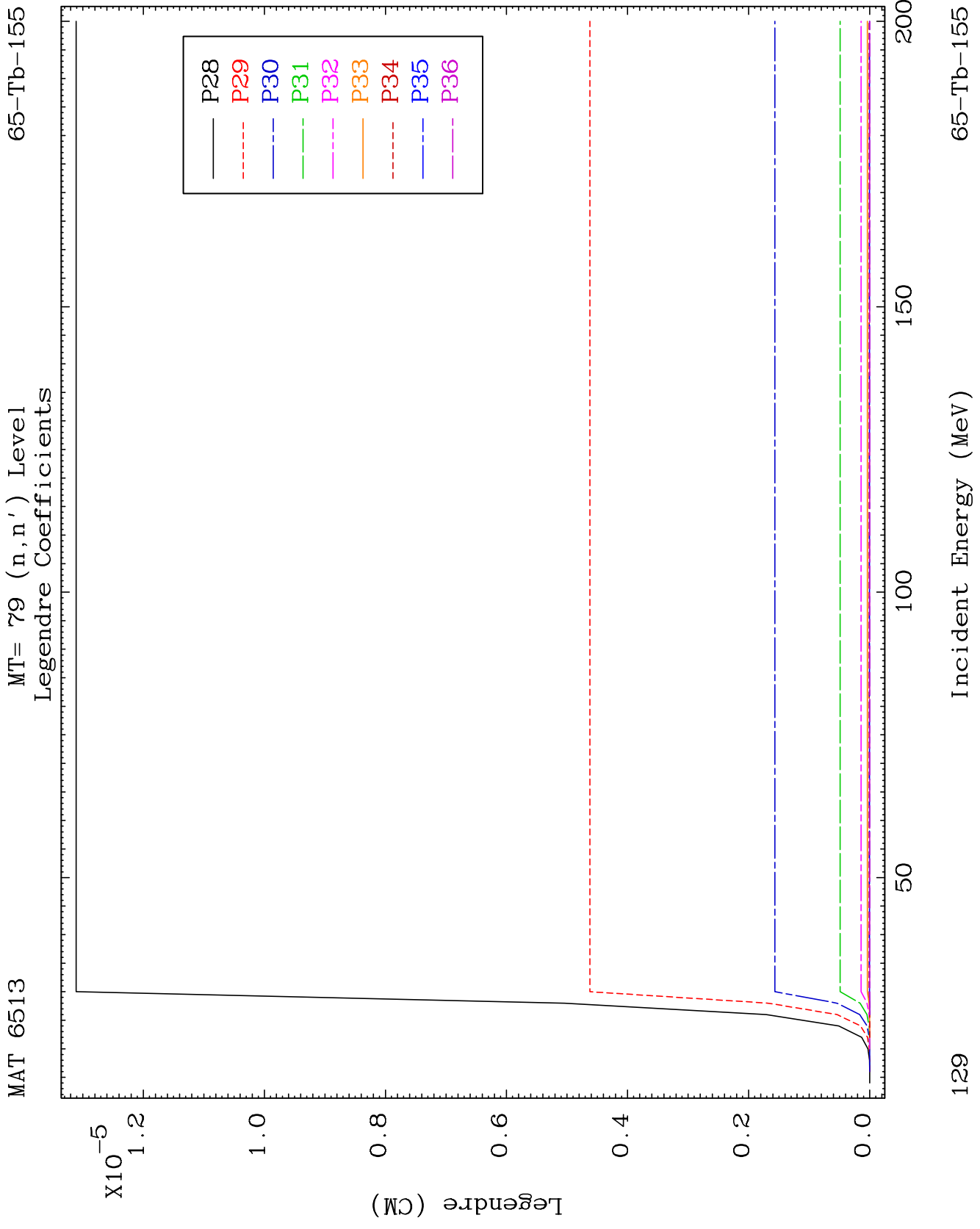


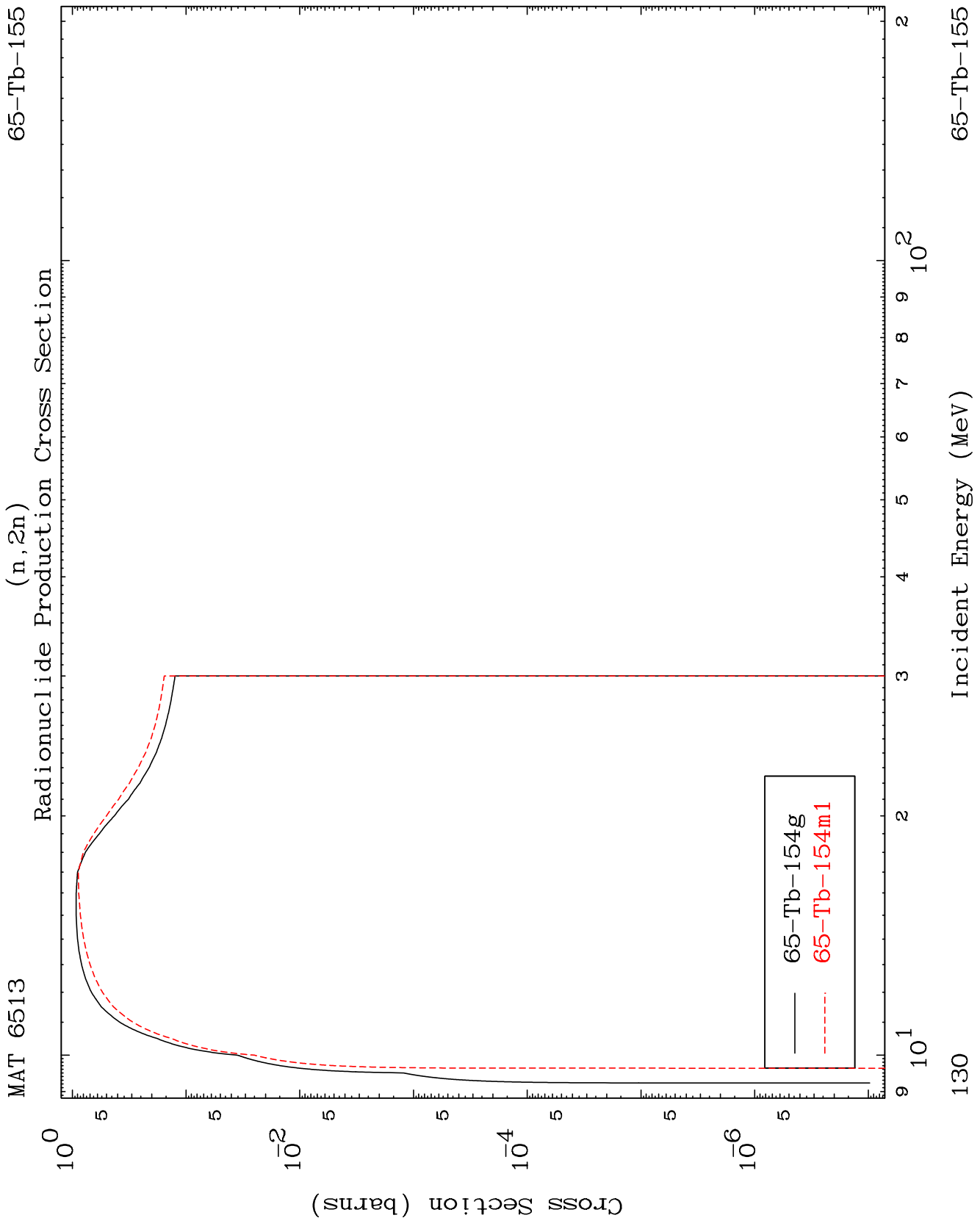








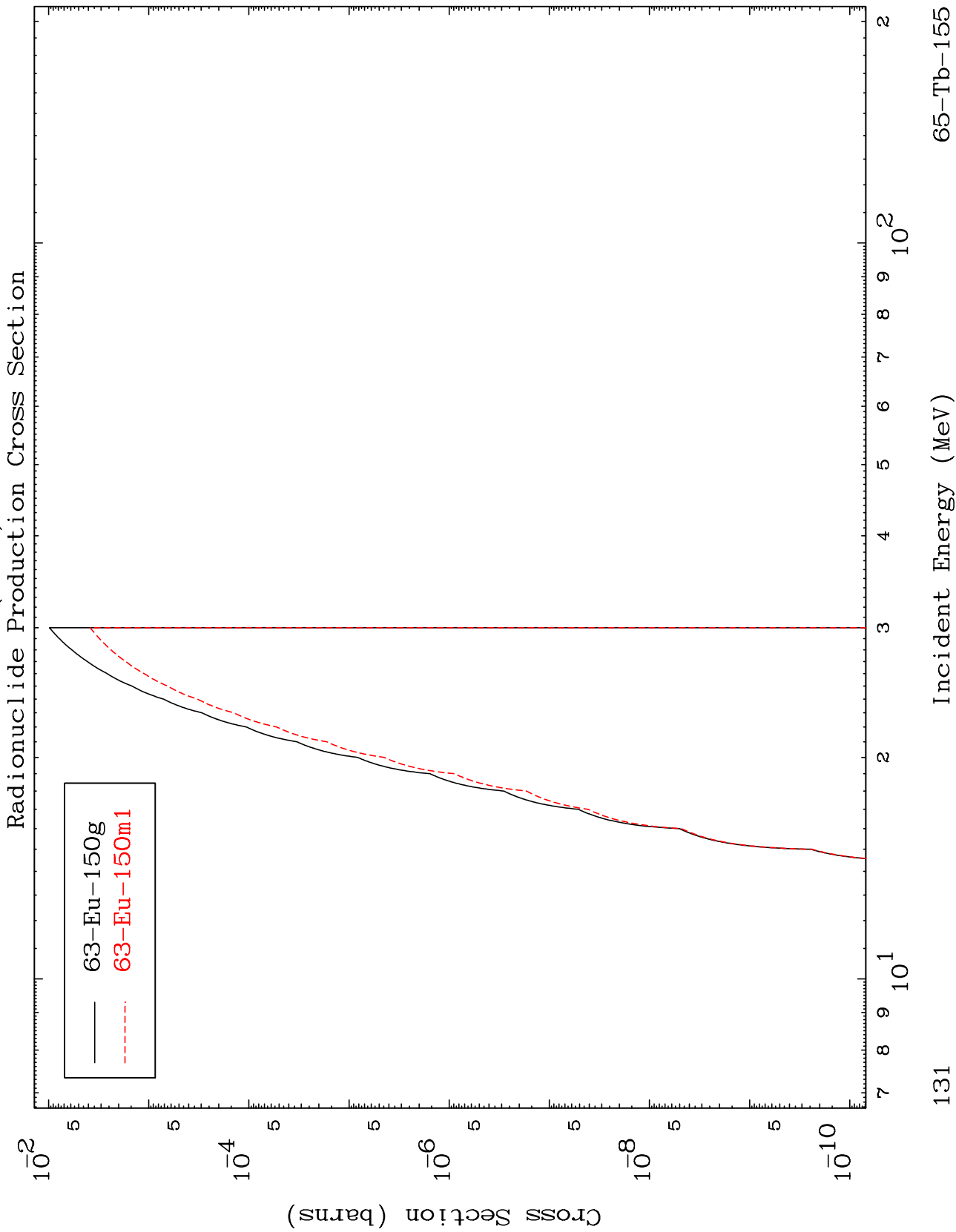




MAT 6513

(n,2n) α

65-Tb-155

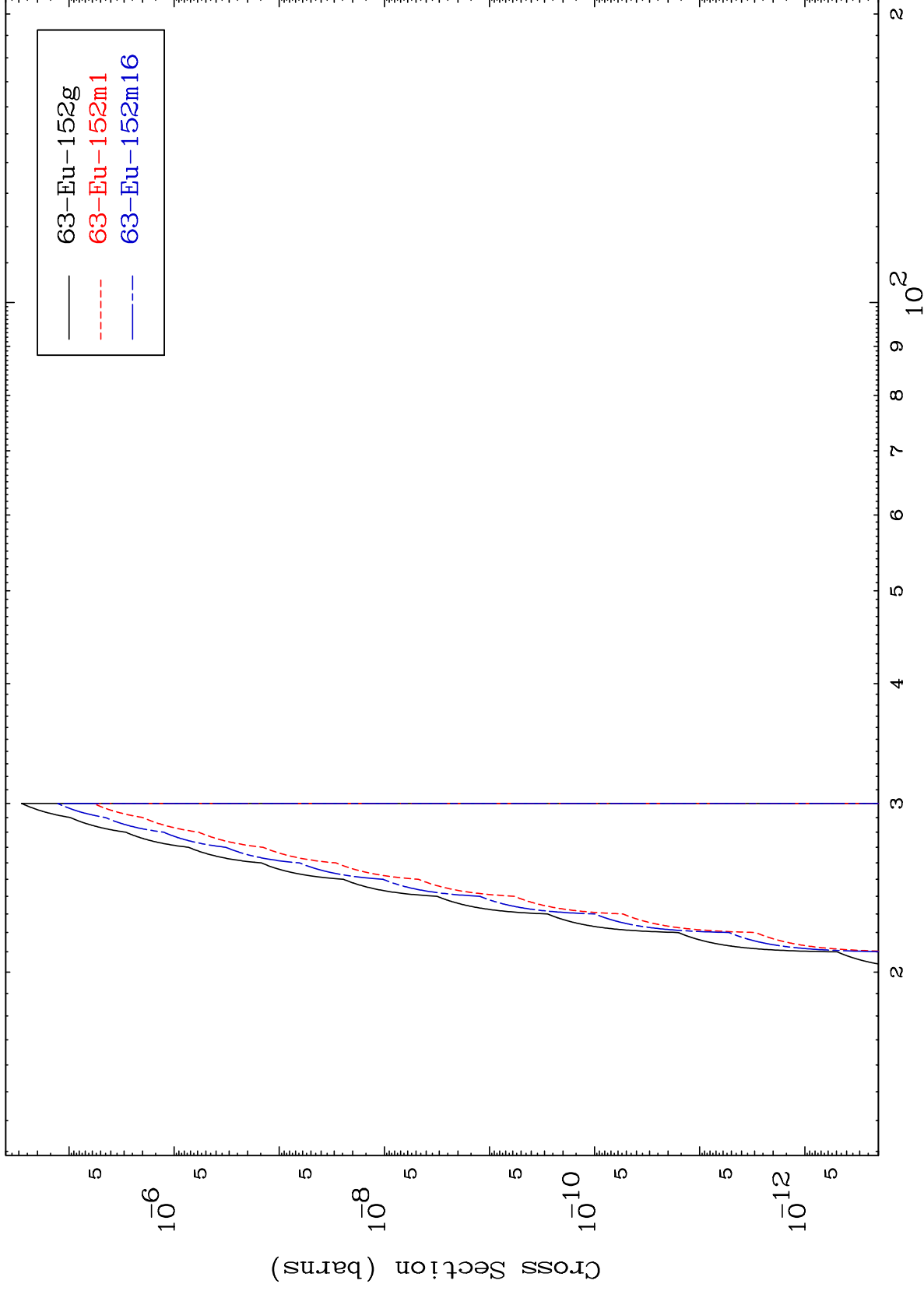


MAT 6513

(n,n') He-3

65-Tb-155

Radionuclide Production Cross Section



132

Incident Energy (MeV)

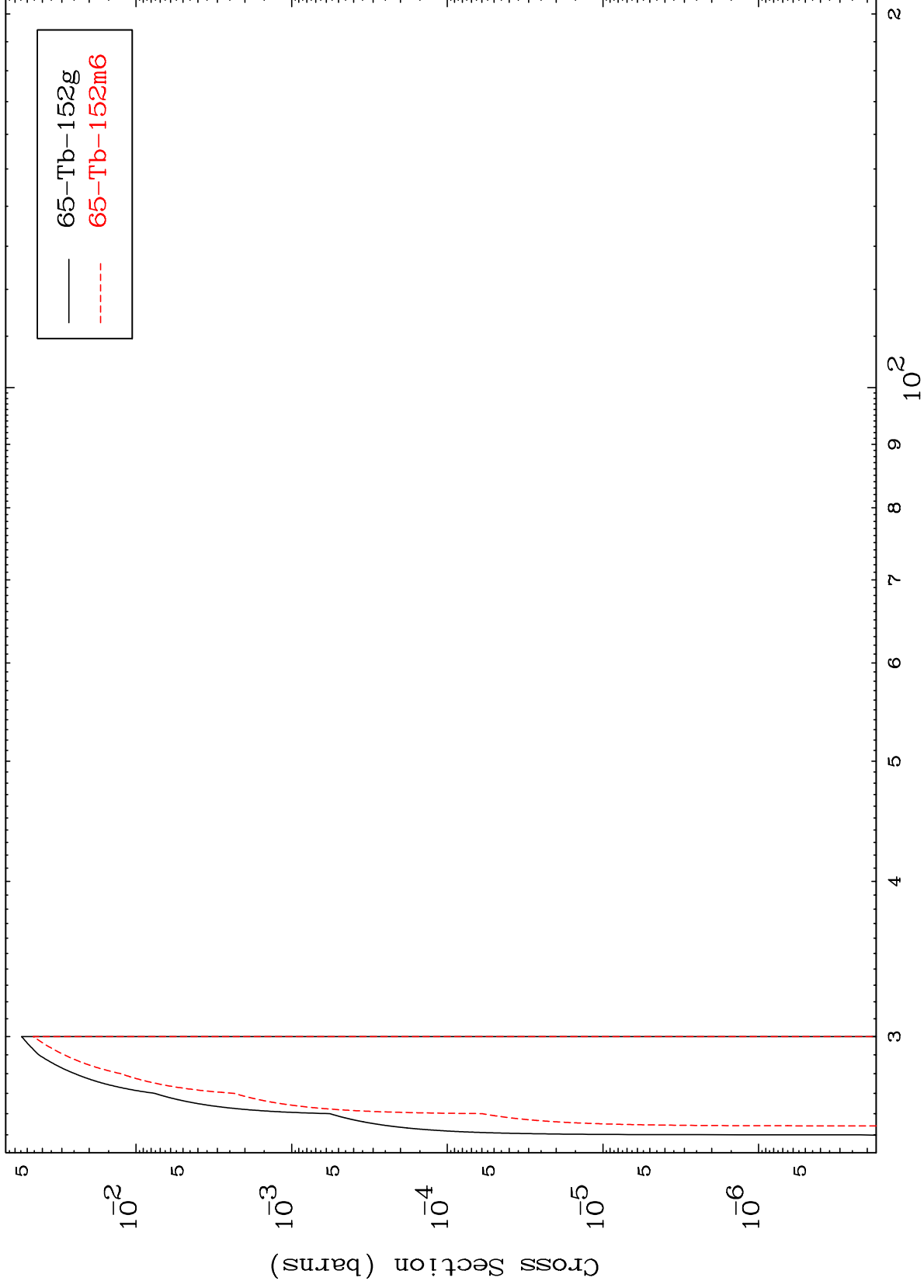
65-Tb-155

MAT 6513

(n,4n)

65-Tb-155

Radionuclide Production Cross Section



133

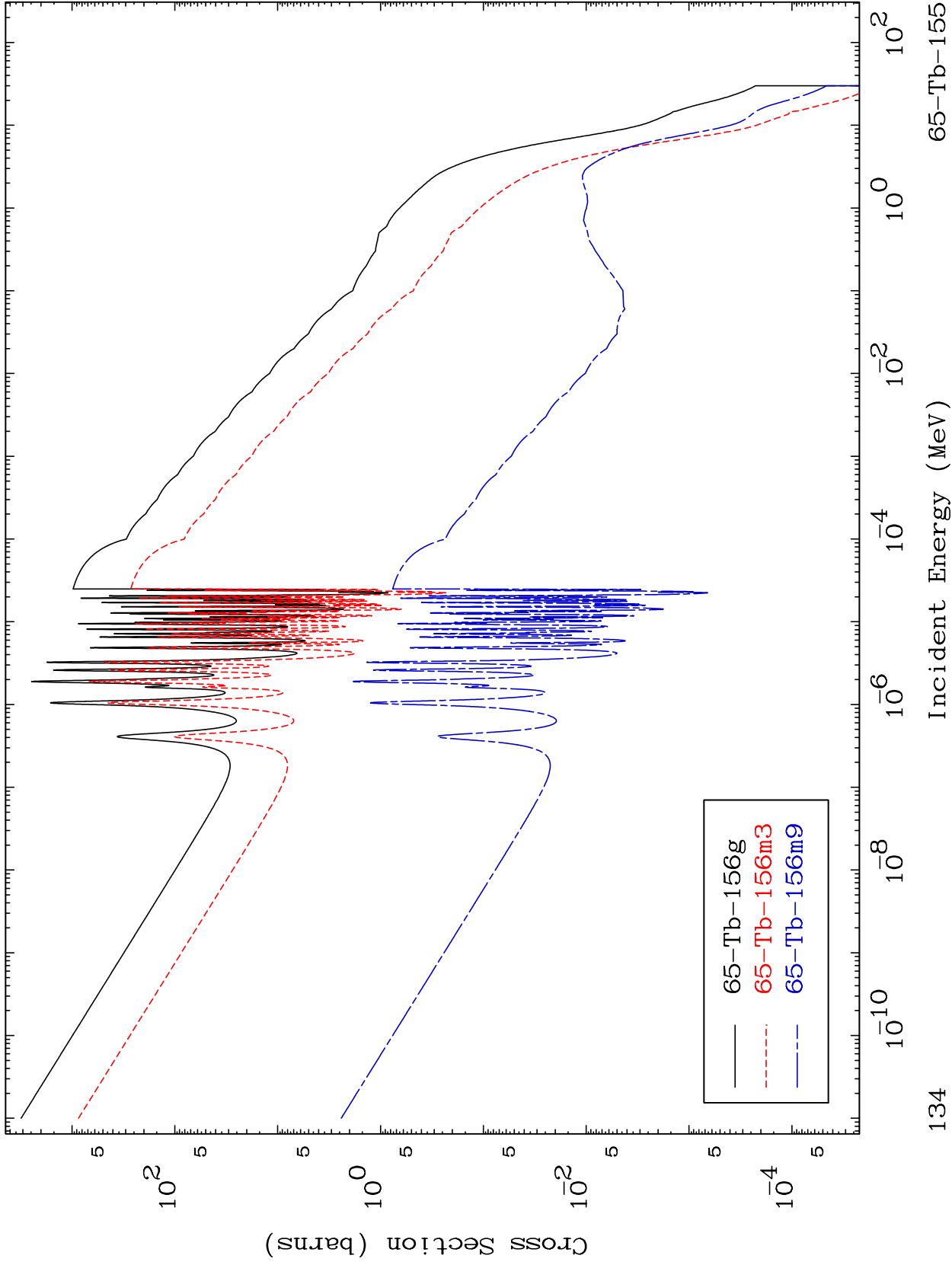
Incident Energy (MeV)

65-Tb-155

MAT 6513

65-Tb-155

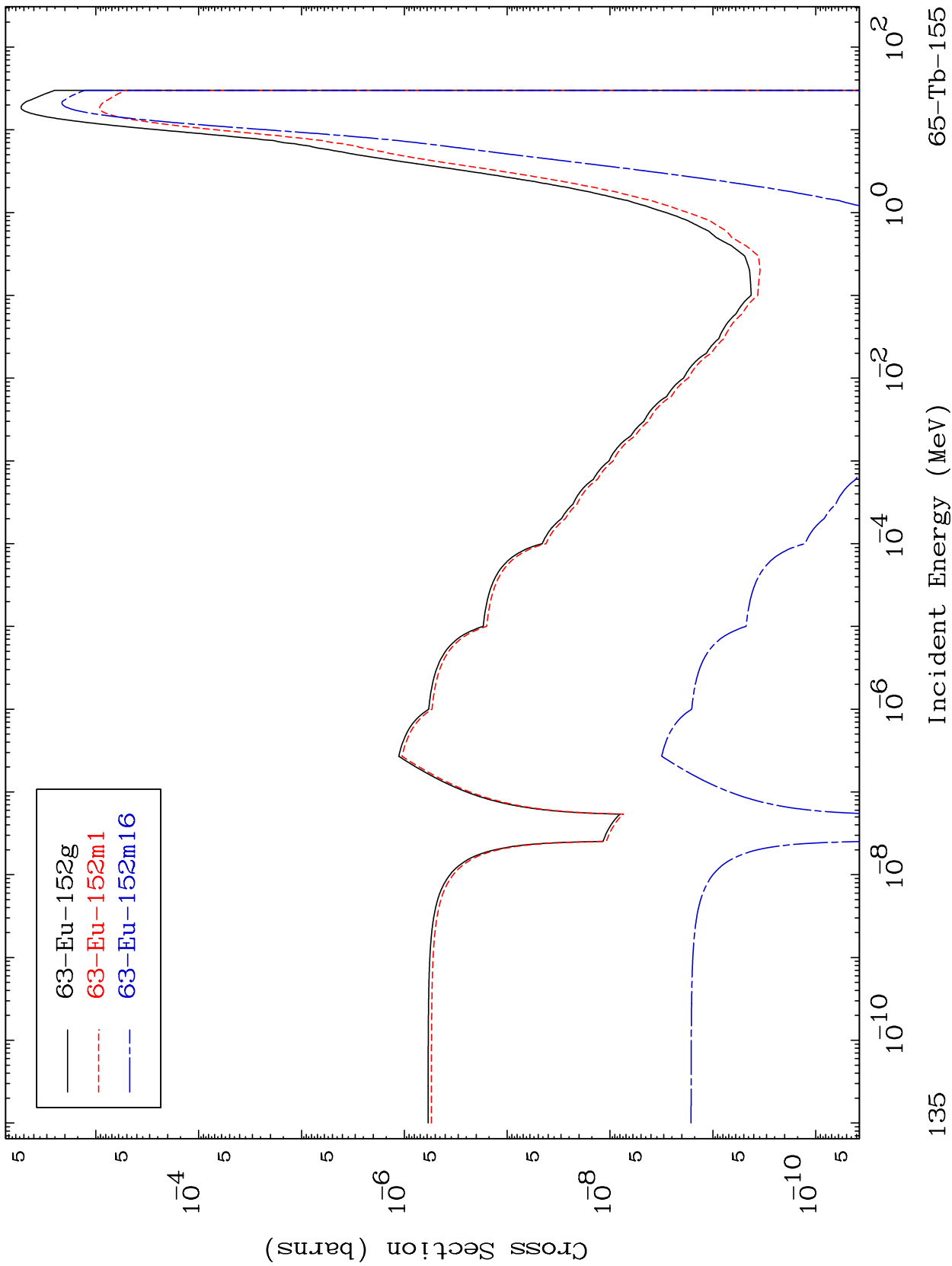
Radionuclide Production Cross Section
(n, γ)



MAT 6513

65-Tb-155

(n, α)
Radionuclide Production Cross Section



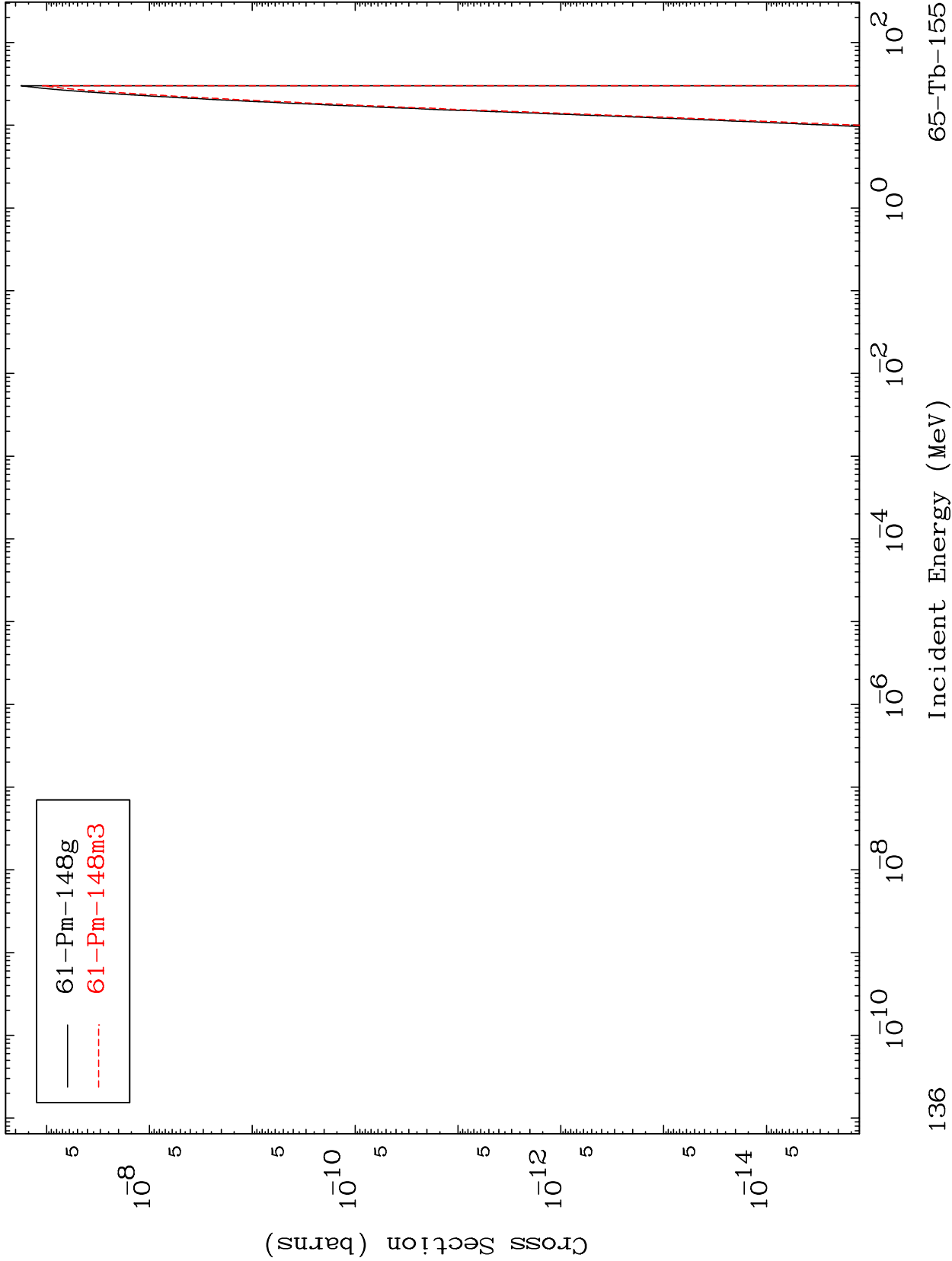
135

MAT 6513

(n,2α)

65-Tb-155

Radionuclide Production Cross Section



136

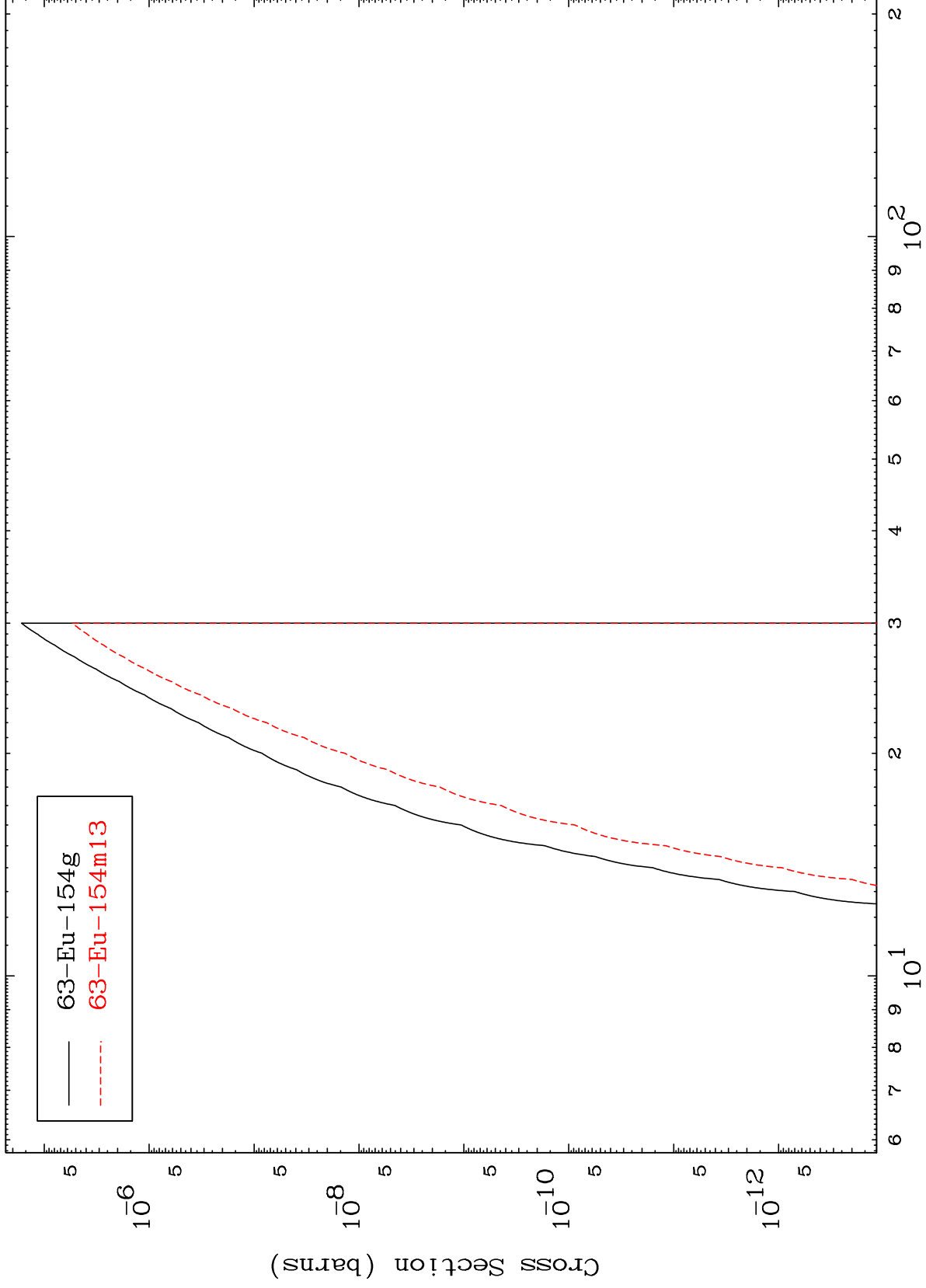
Incident Energy (MeV)

65-Tb-155

MAT 6513

65-Tb-155

(n,2p)
Radionuclide Production Cross Section



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

65-Tb-155

Incident Energy (MeV)

137

Radionuclide Production Cross Section

