

Program EVALPLOT
(Version 2021-1)

by

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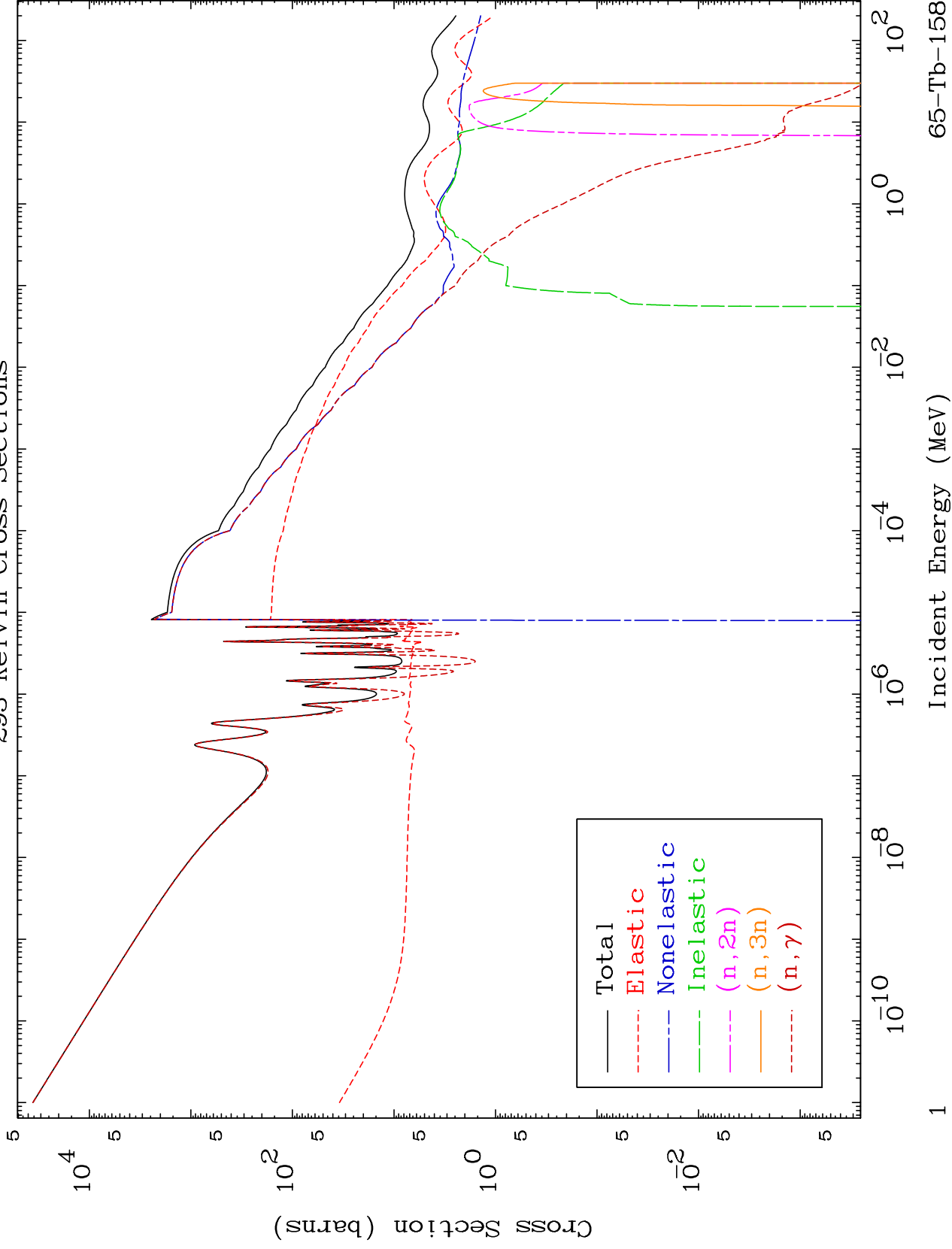
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Press Mouse Button to Start

MAT 65222

Neutron Major
293 Kelvin Cross Sections

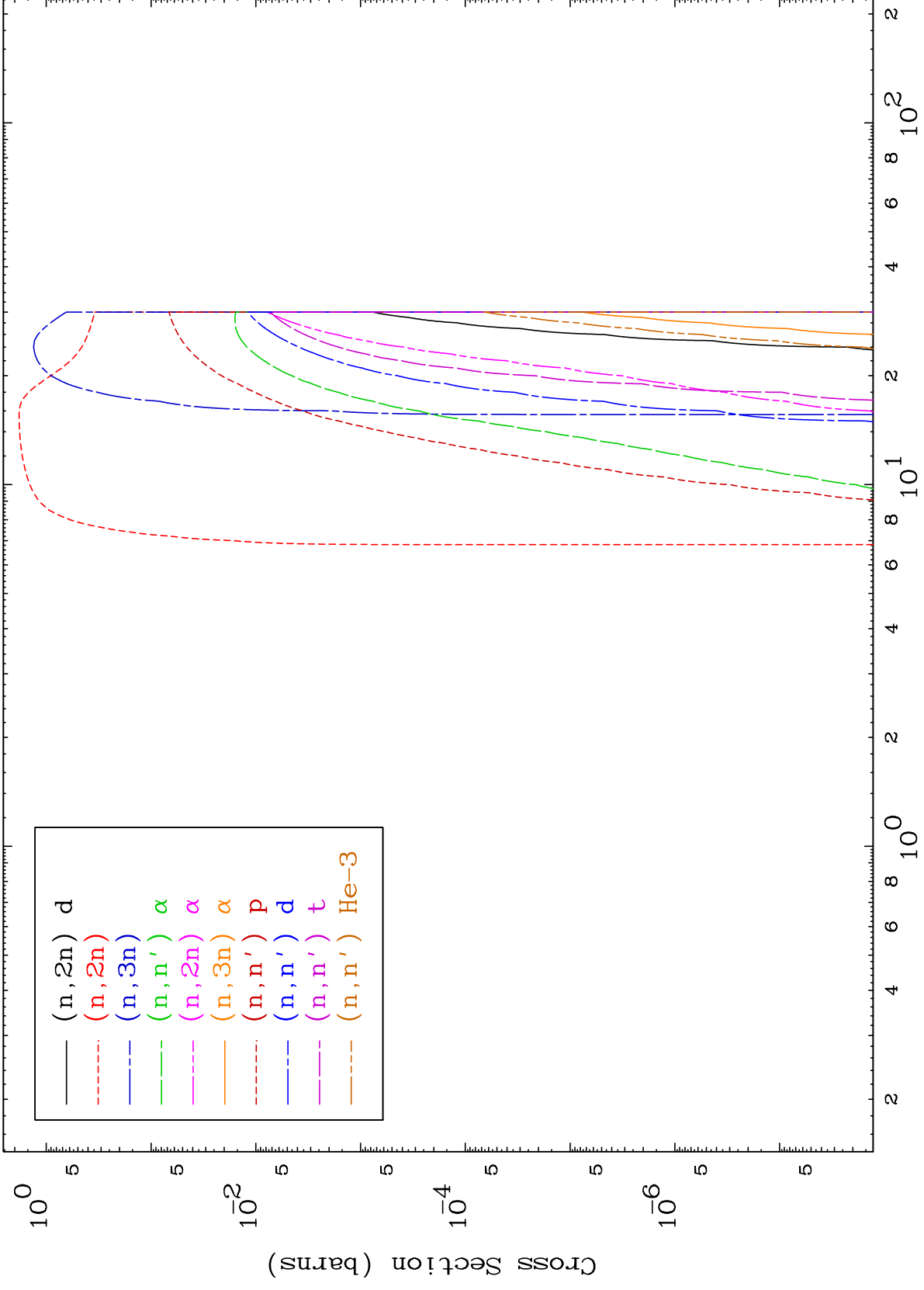
65-Tb-158



MAT 6522

Neutron Absorption
293 Kelvin Cross Sections

65-Tb-158



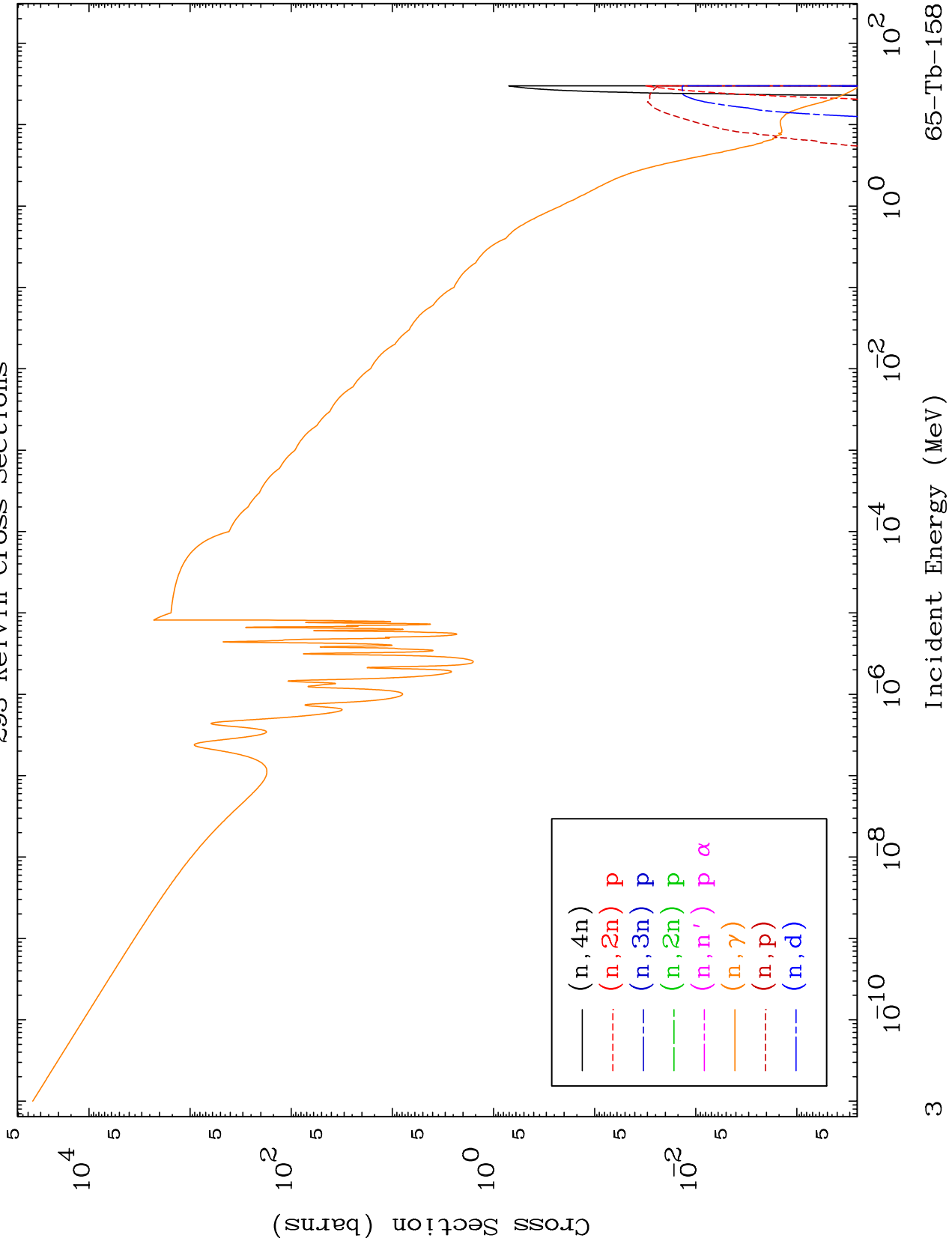
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Incident Energy (MeV)

MAT 65222

Neutron Absorption
293 Kelvin Cross Sections

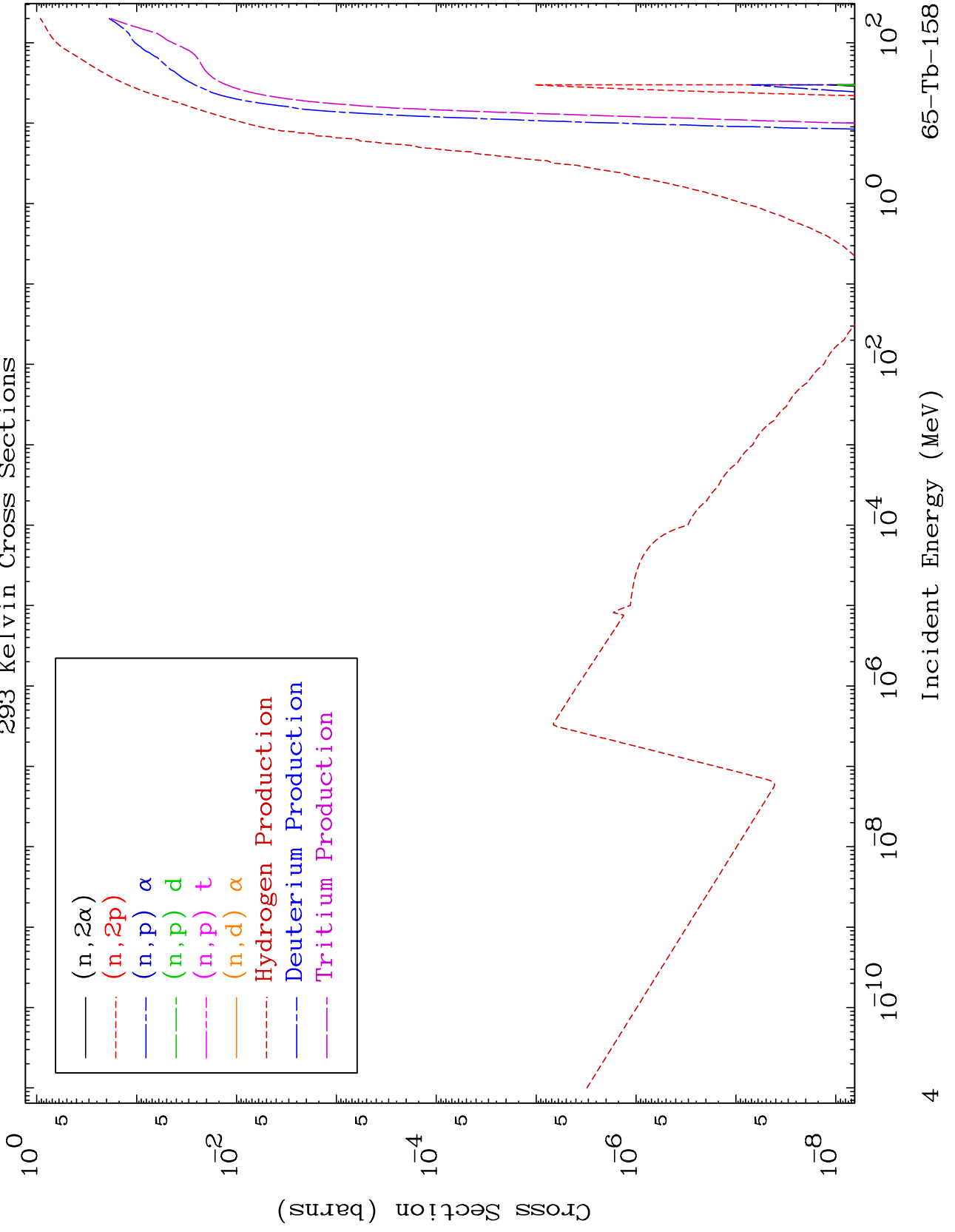
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MAT 6522

Neutron Absorption
293 Kelvin Cross Sections

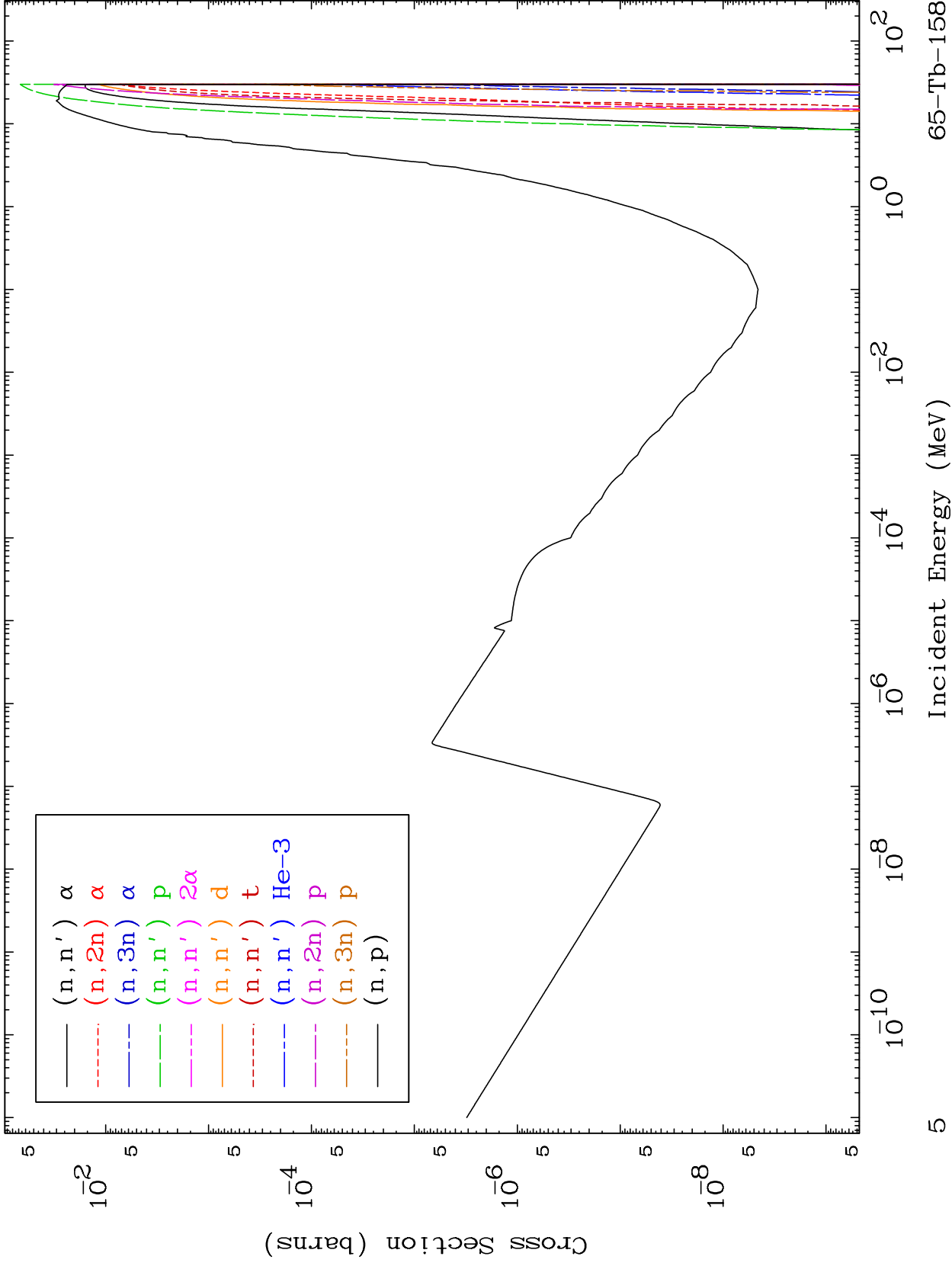
65-Tb-158



MAT 6522

Charged Particle
293 Kelvin Cross Sections

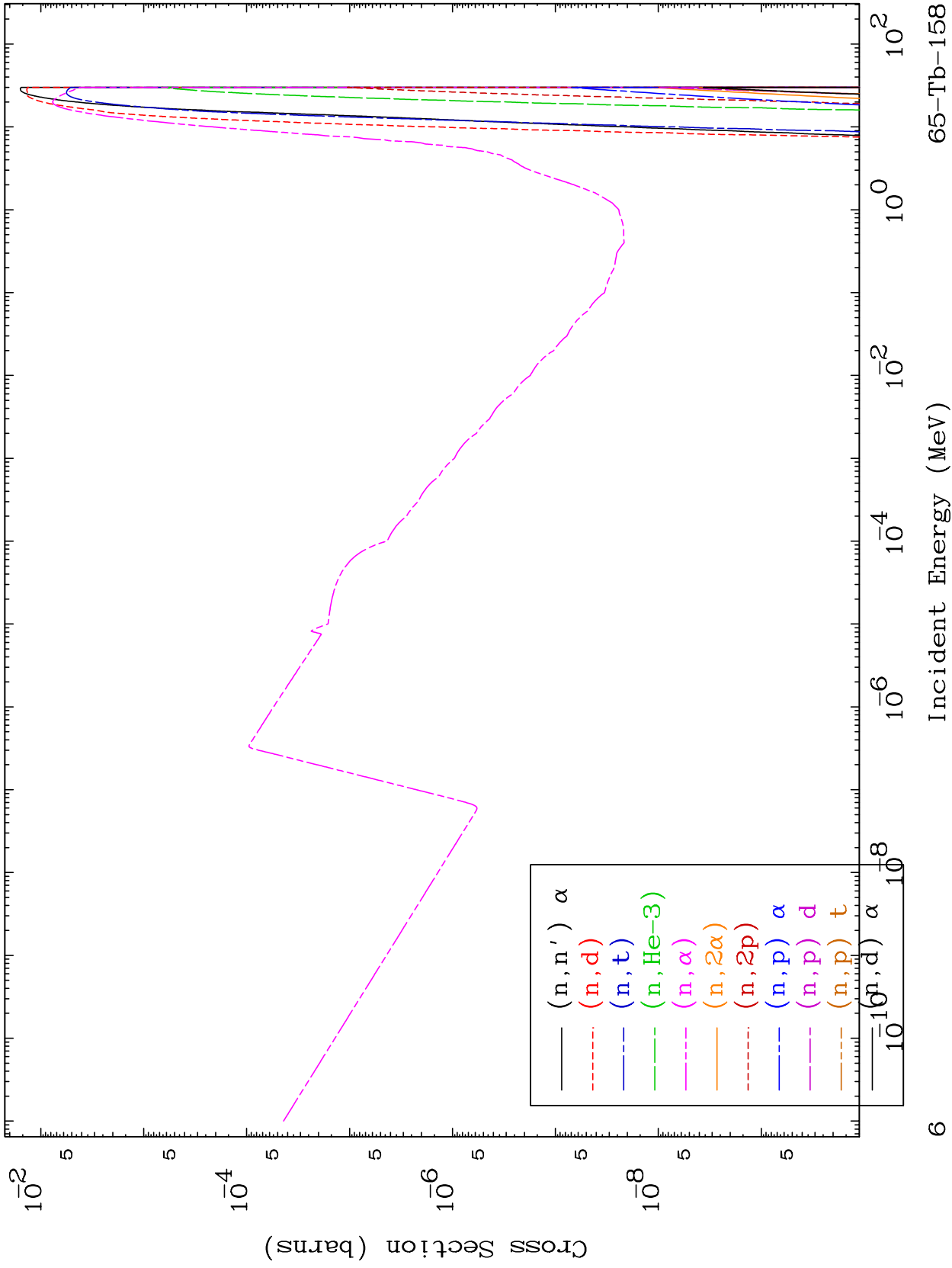
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MAT 65222

Charged Particle
293 Kelvin Cross Sections

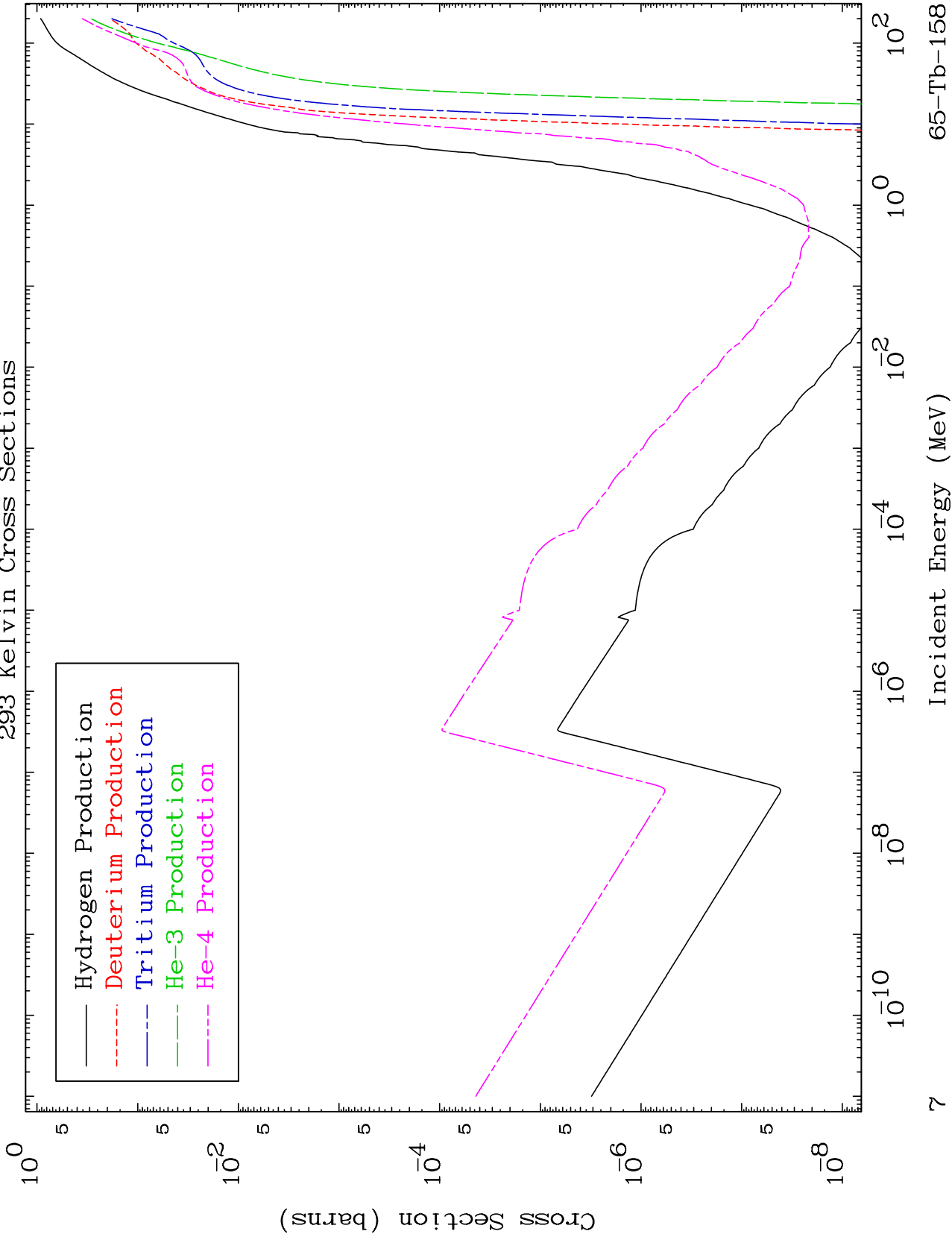
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MAT 65222

Particle Production
293 Kelvin Cross Sections

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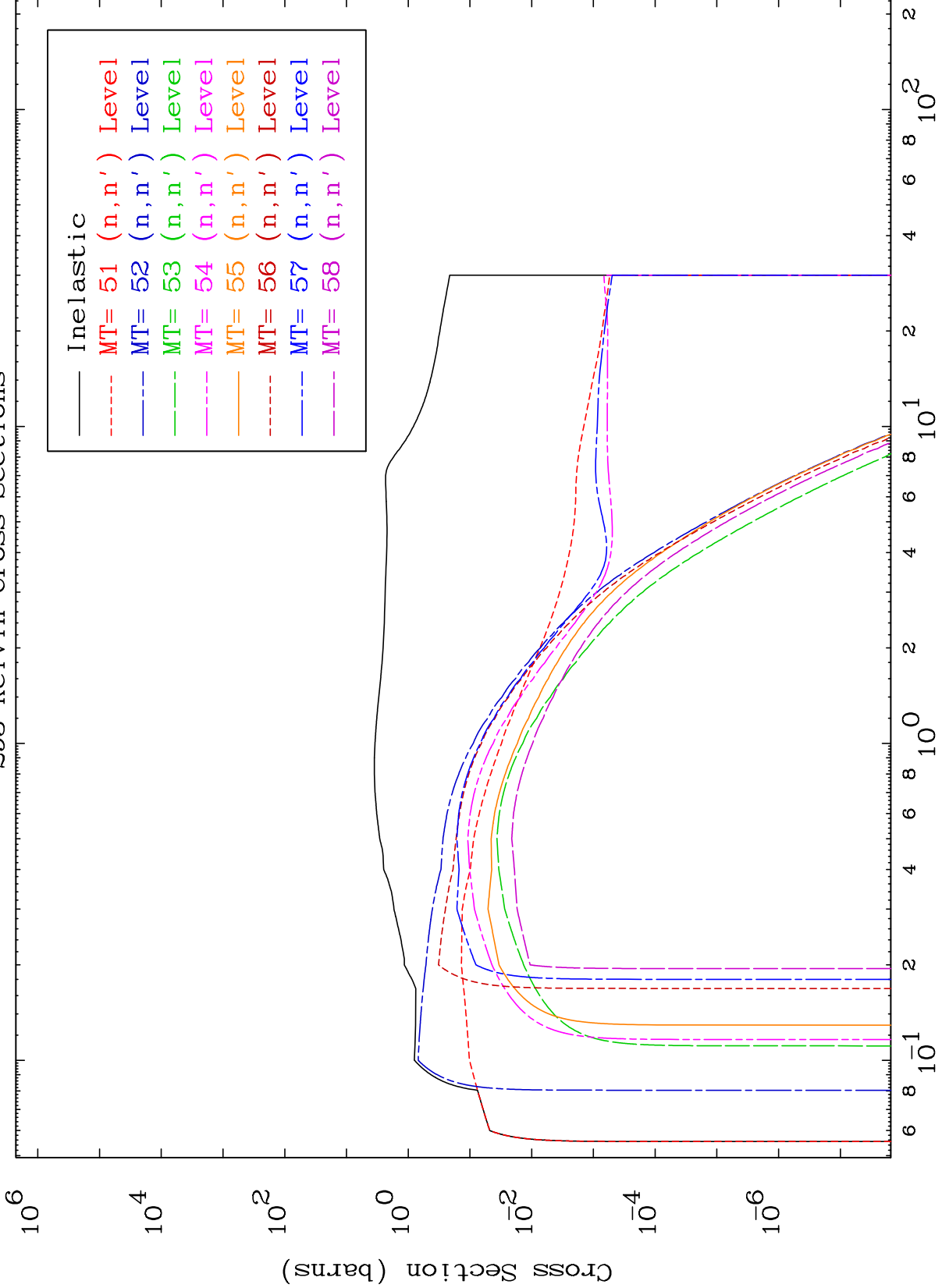


MAT 65222

(n,n') Levels

293 Kelvin Cross Sections

65-Tb-158



8

Incident Energy (MeV)

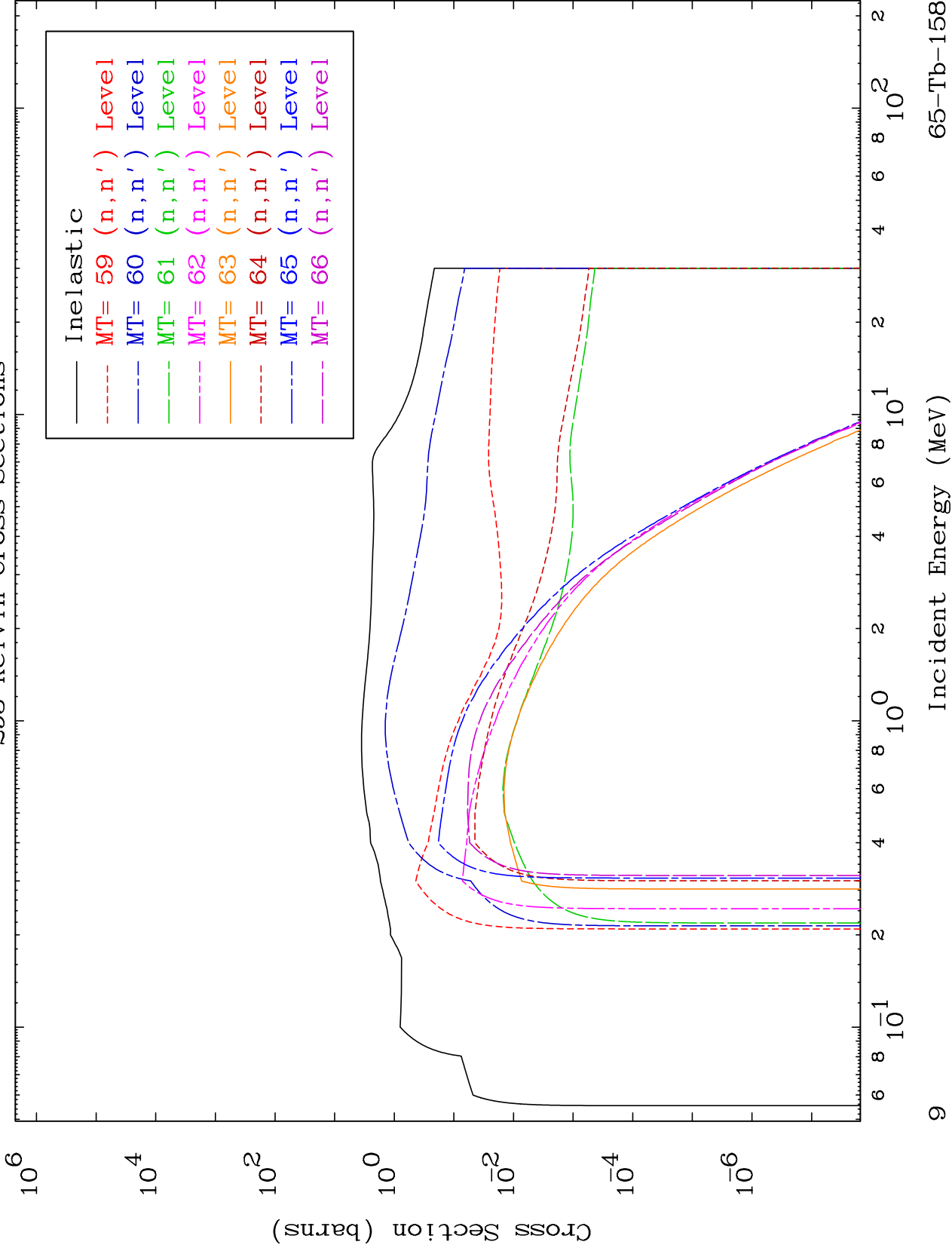
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MAT 65222

(n,n') Levels

293 Kelvin Cross Sections

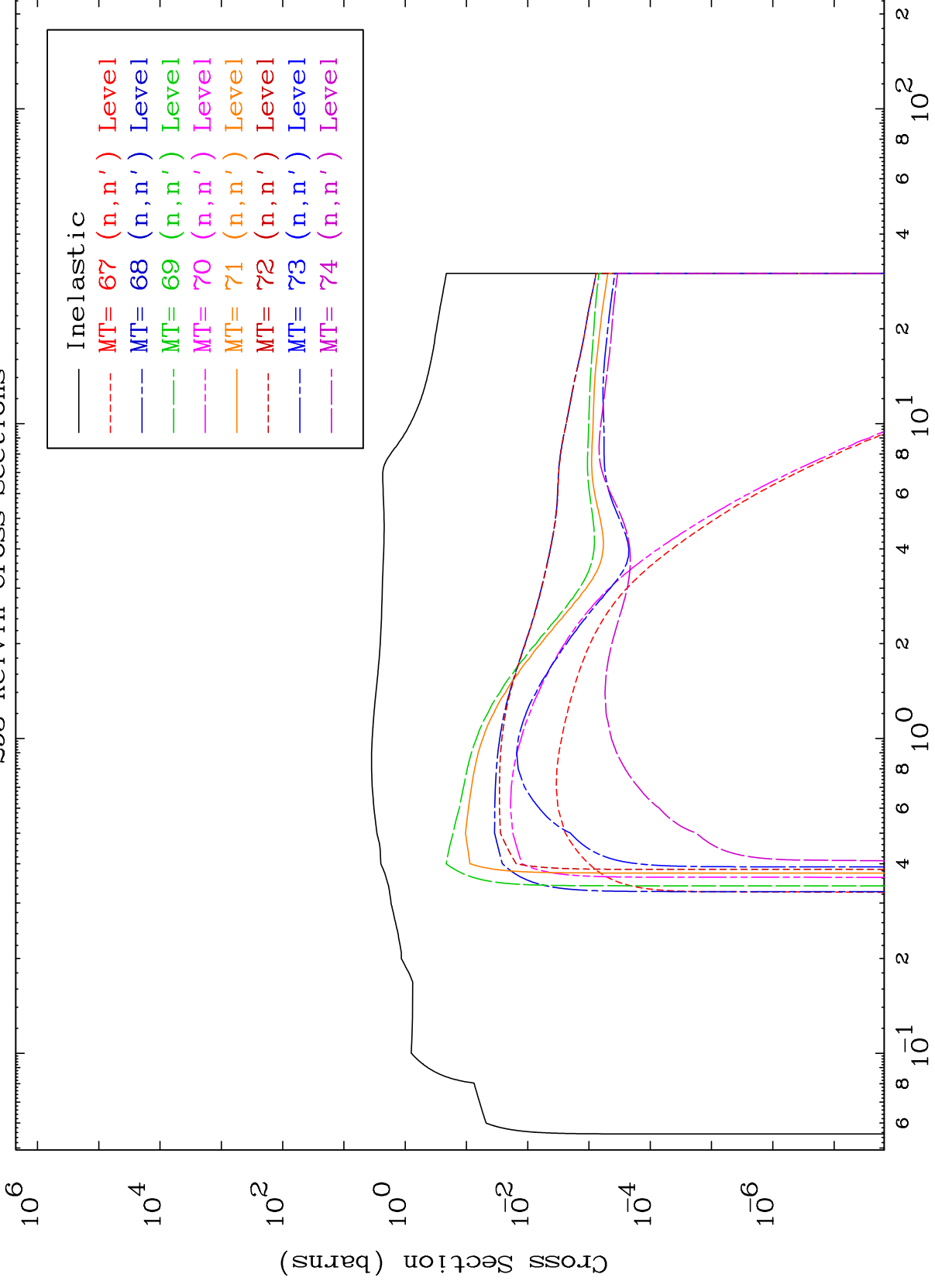
65-Tb-158



MAT 65222

(n,n') Levels
293 Kelvin Cross Sections

65-Tb-158



65-Tb-158

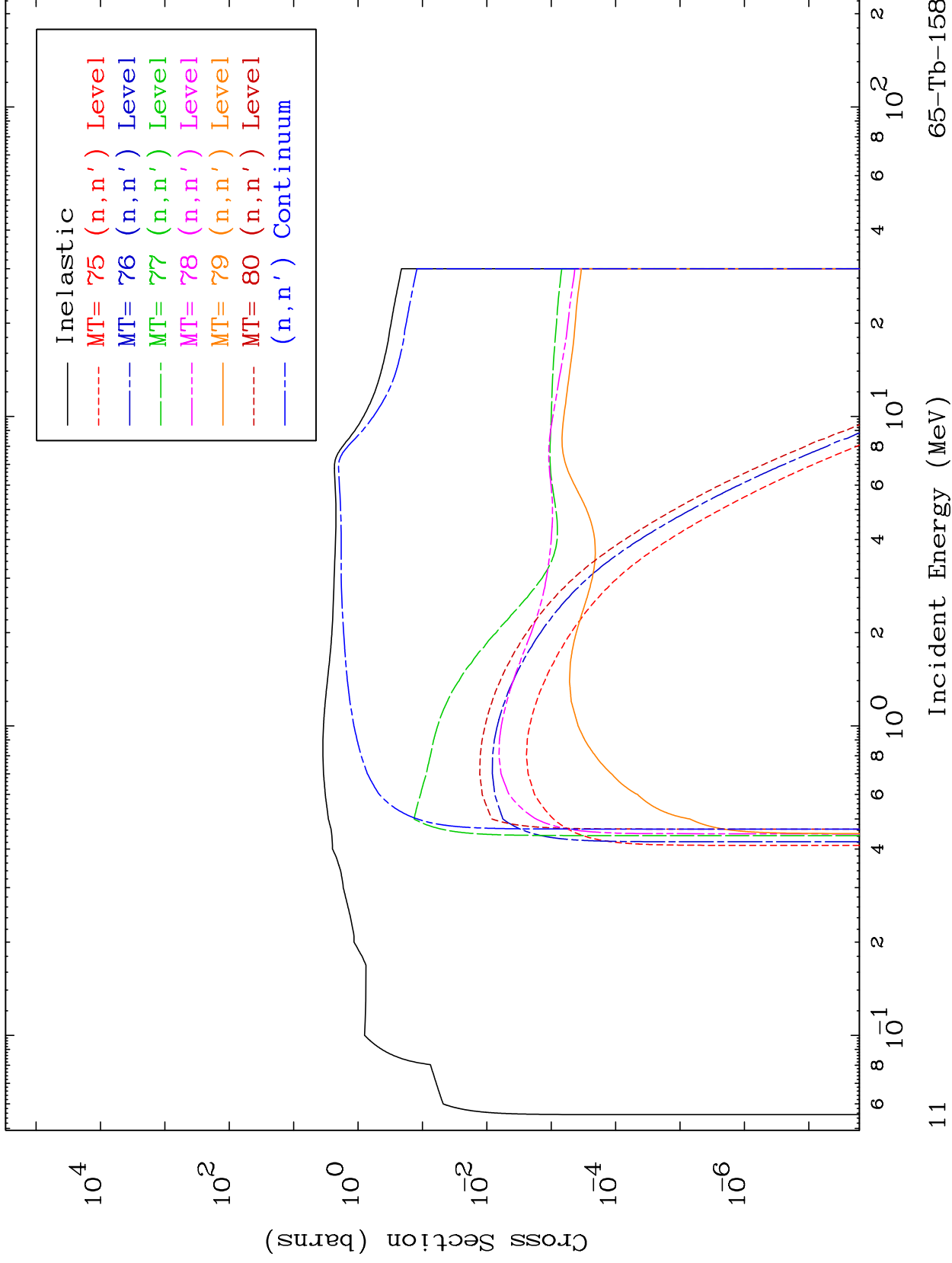
Incident Energy (MeV)

10

MAT 65222

(n,n') Levels
293 Kelvin Cross Sections

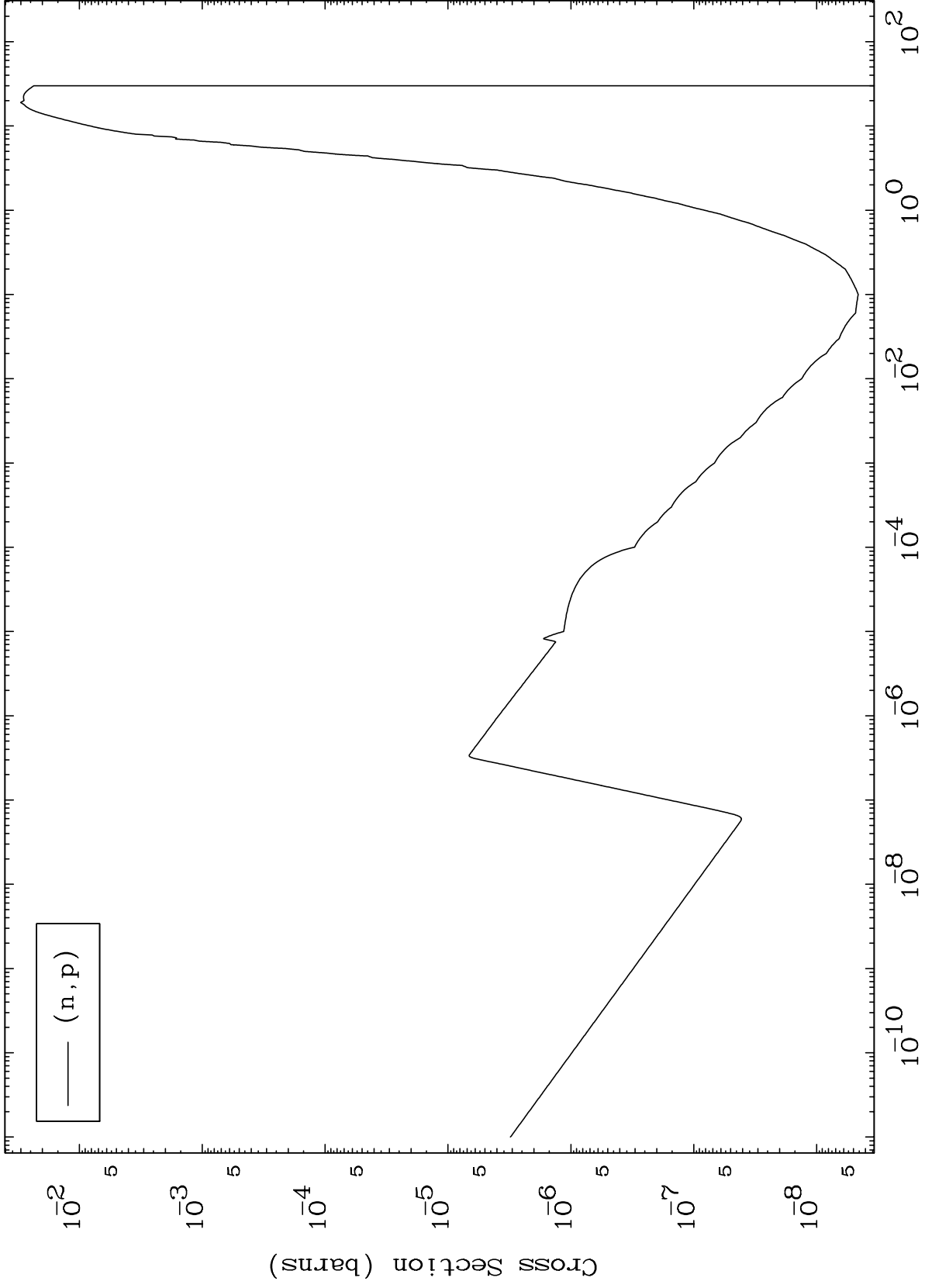
65-Tb-158



MAT 65222

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-158



12

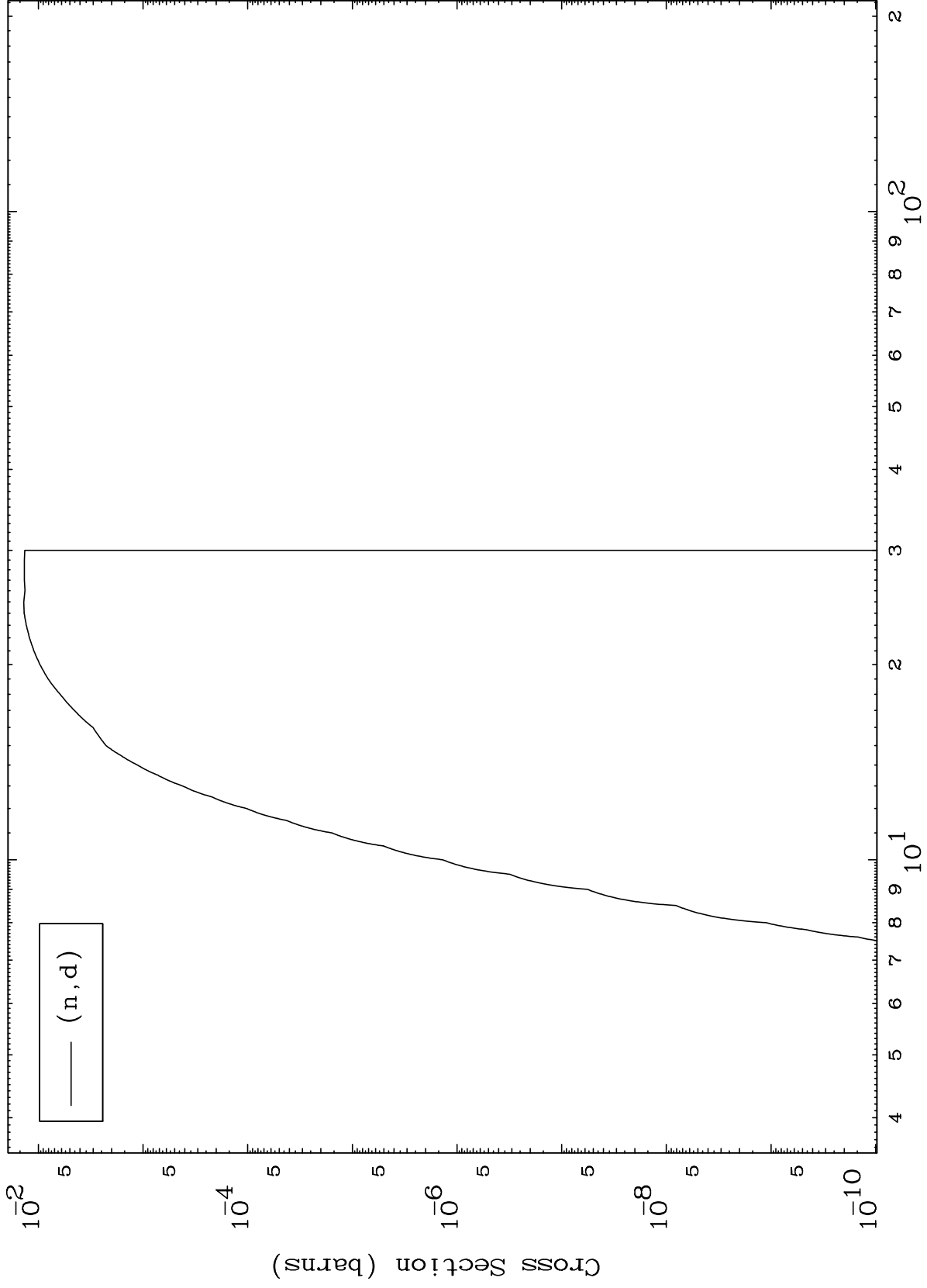
Incident Energy (MeV)

65-Tb-158

MAT 6522

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-158



13

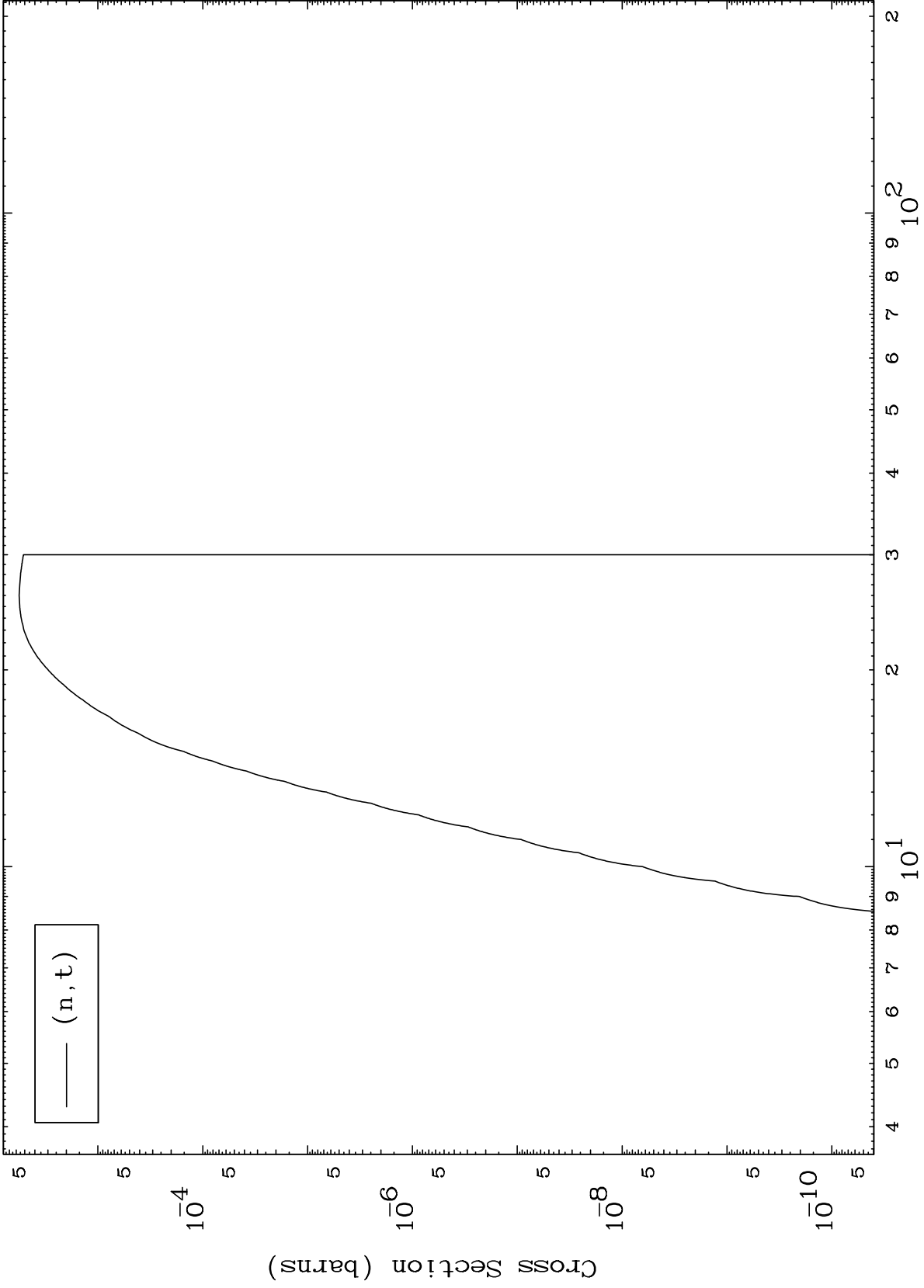
Incident Energy (MeV)

65-Tb-158

MAT 65222

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-158



14

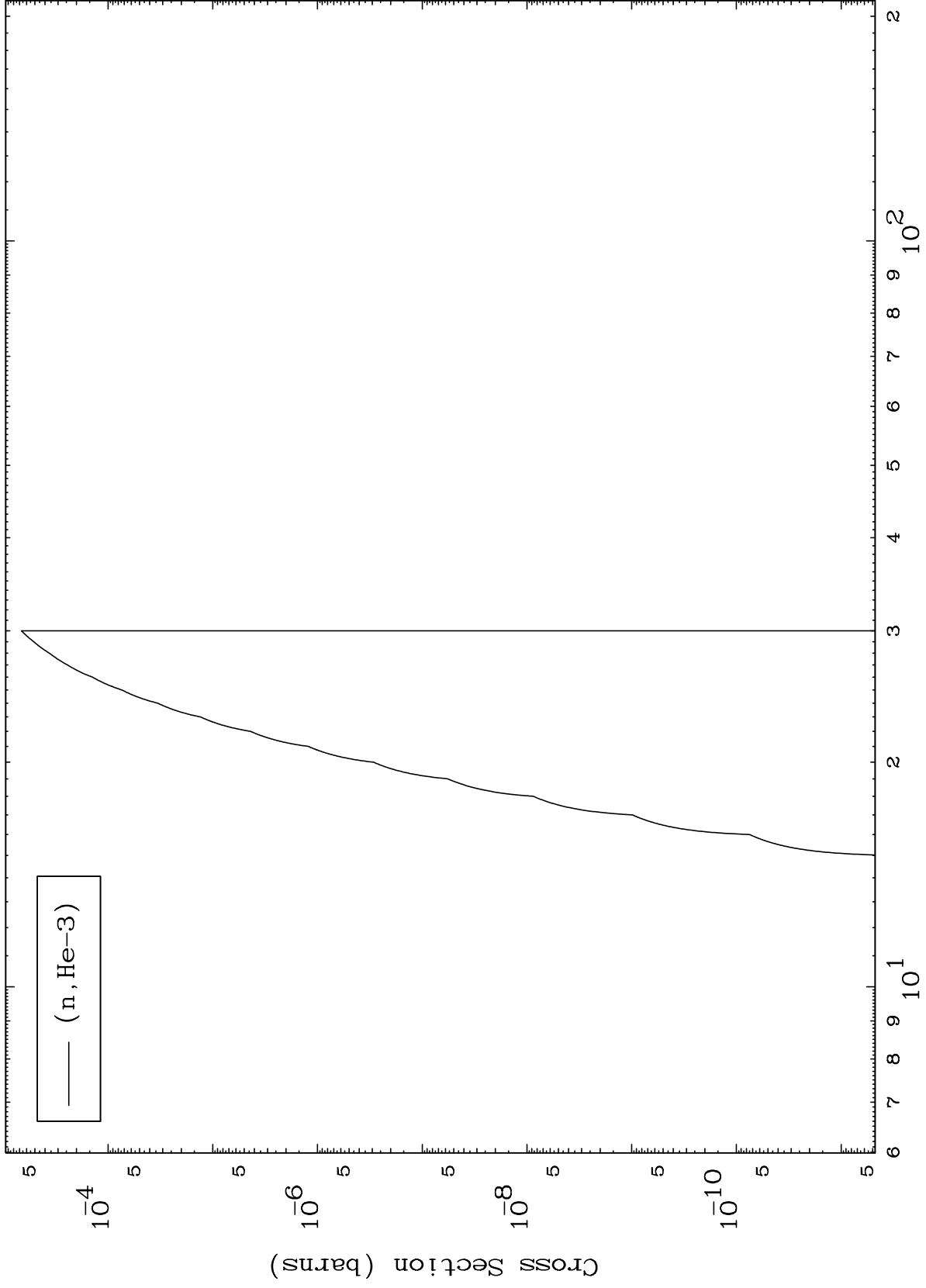
Incident Energy (MeV)

65-Tb-158

MAT 65222

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-158



15

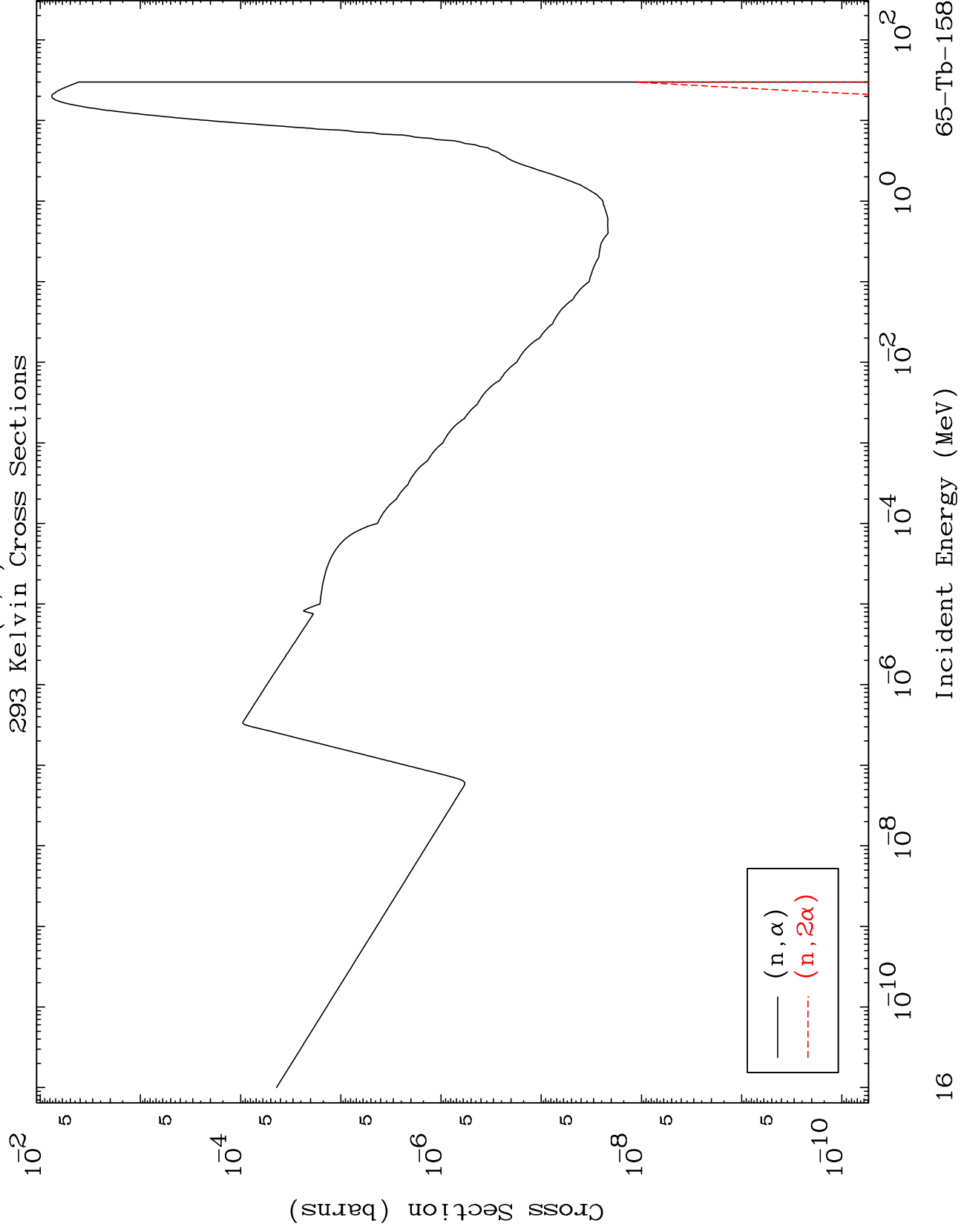
Incident Energy (MeV)

65-Tb-158

MAT 6522

(n,α) Levels
293 Kelvin Cross Sections

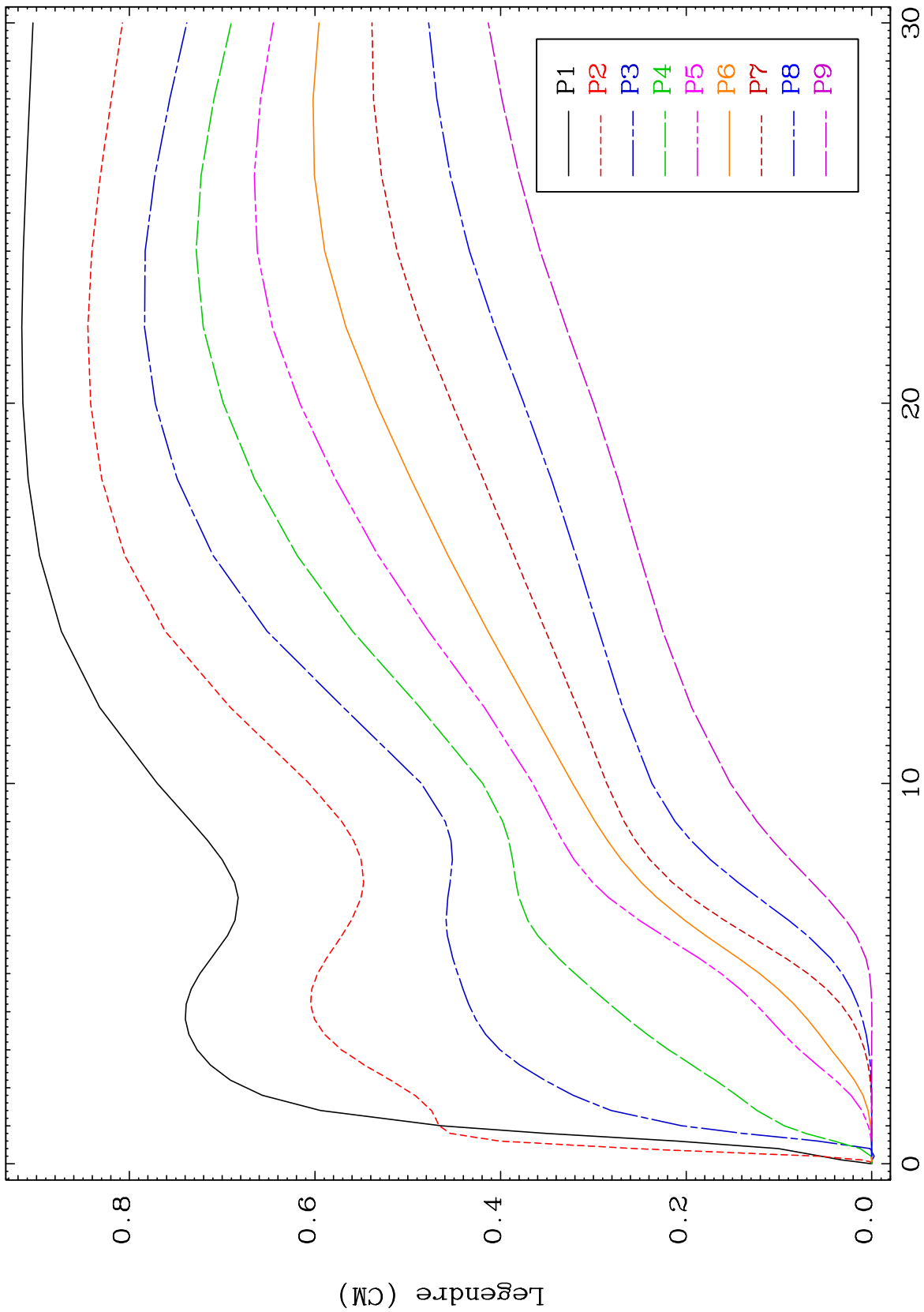
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MAT 6522

65-Tb-158

Elastic Legendre Coefficients



17

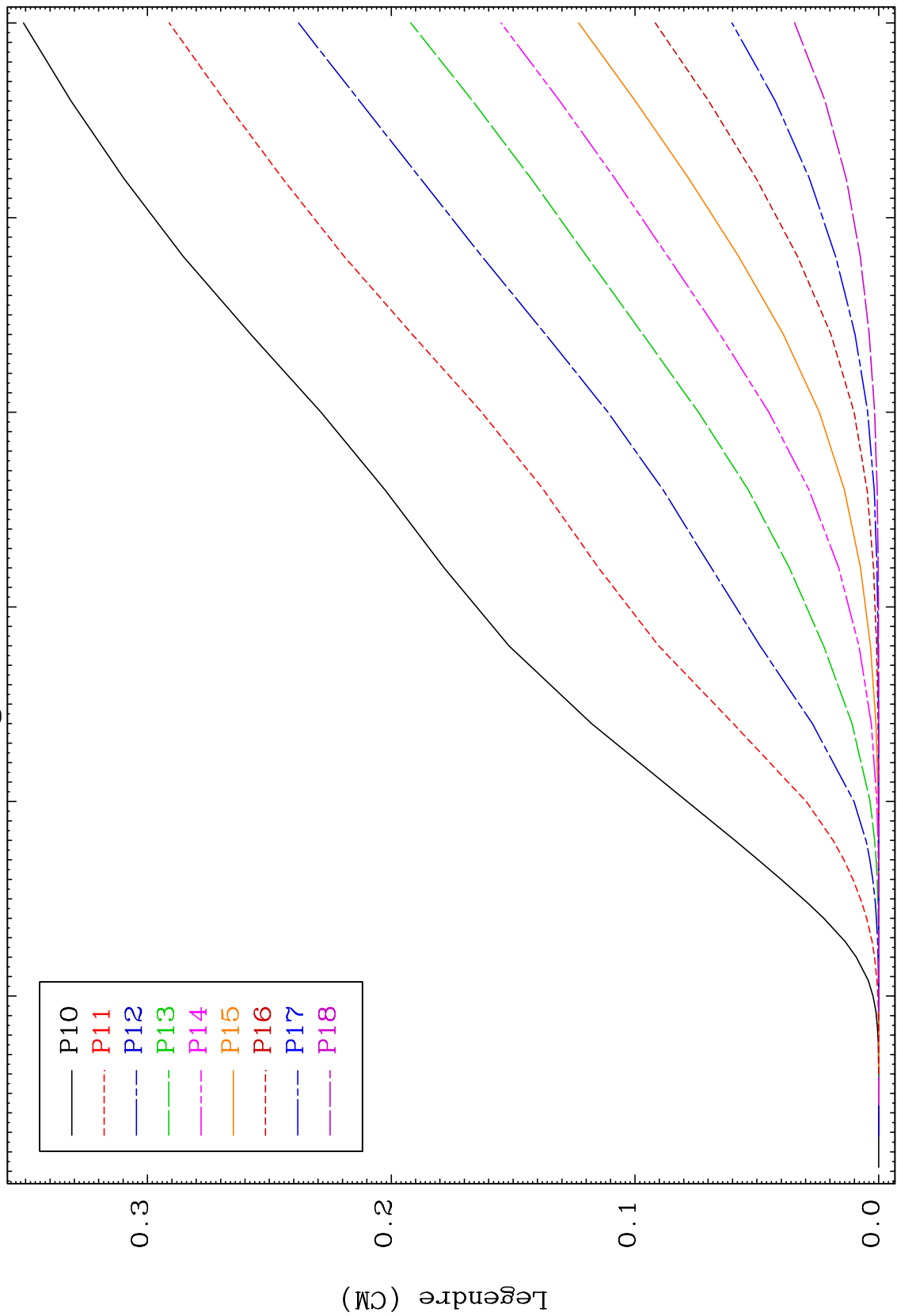
Incident Energy (MeV)

65-Tb-158

MAT 65222

Elastic Legendre Coefficients

65-Tb-158



18

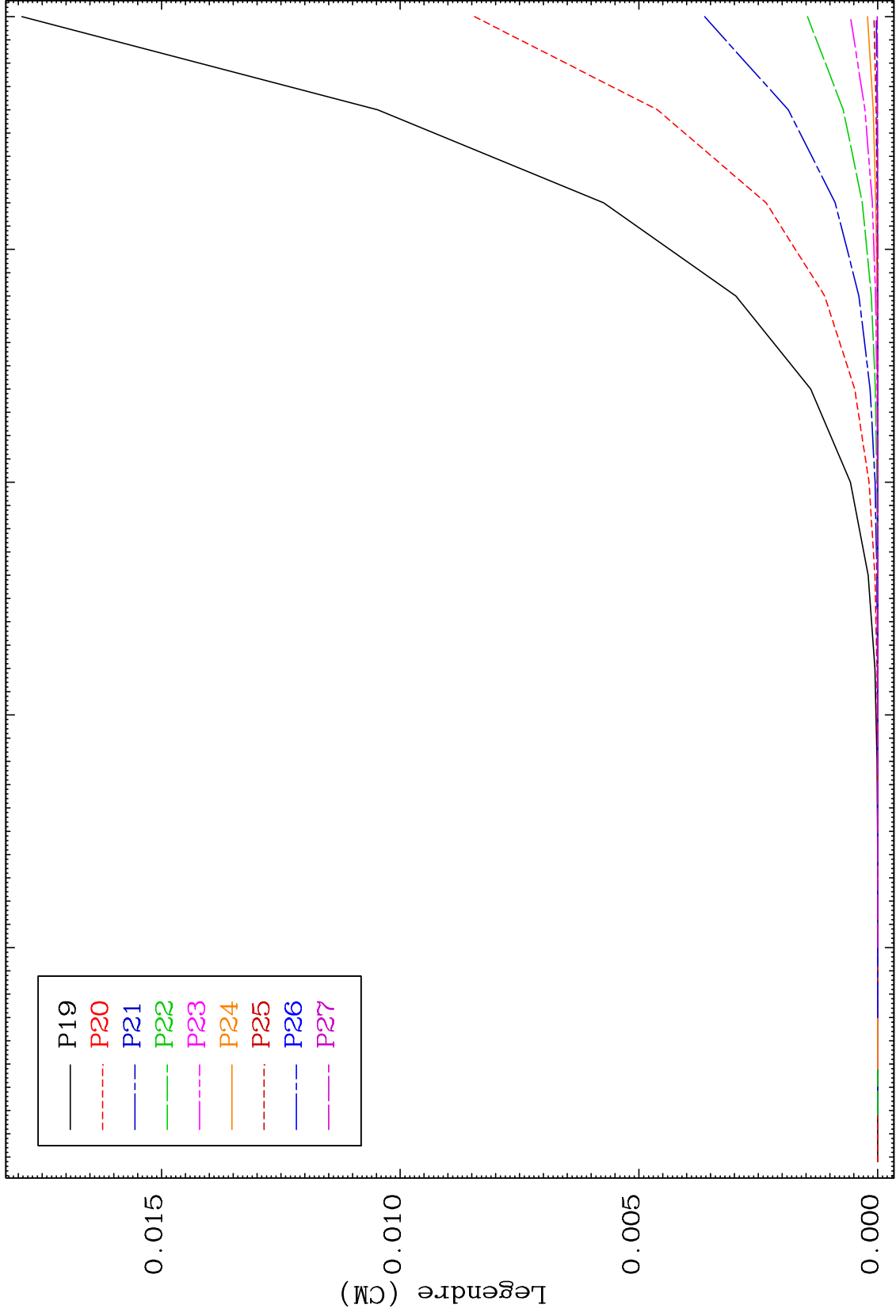
Incident Energy (MeV)

65-Tb-158

MAT 65222

Elastic Legendre Coefficients

65-Tb-158



19

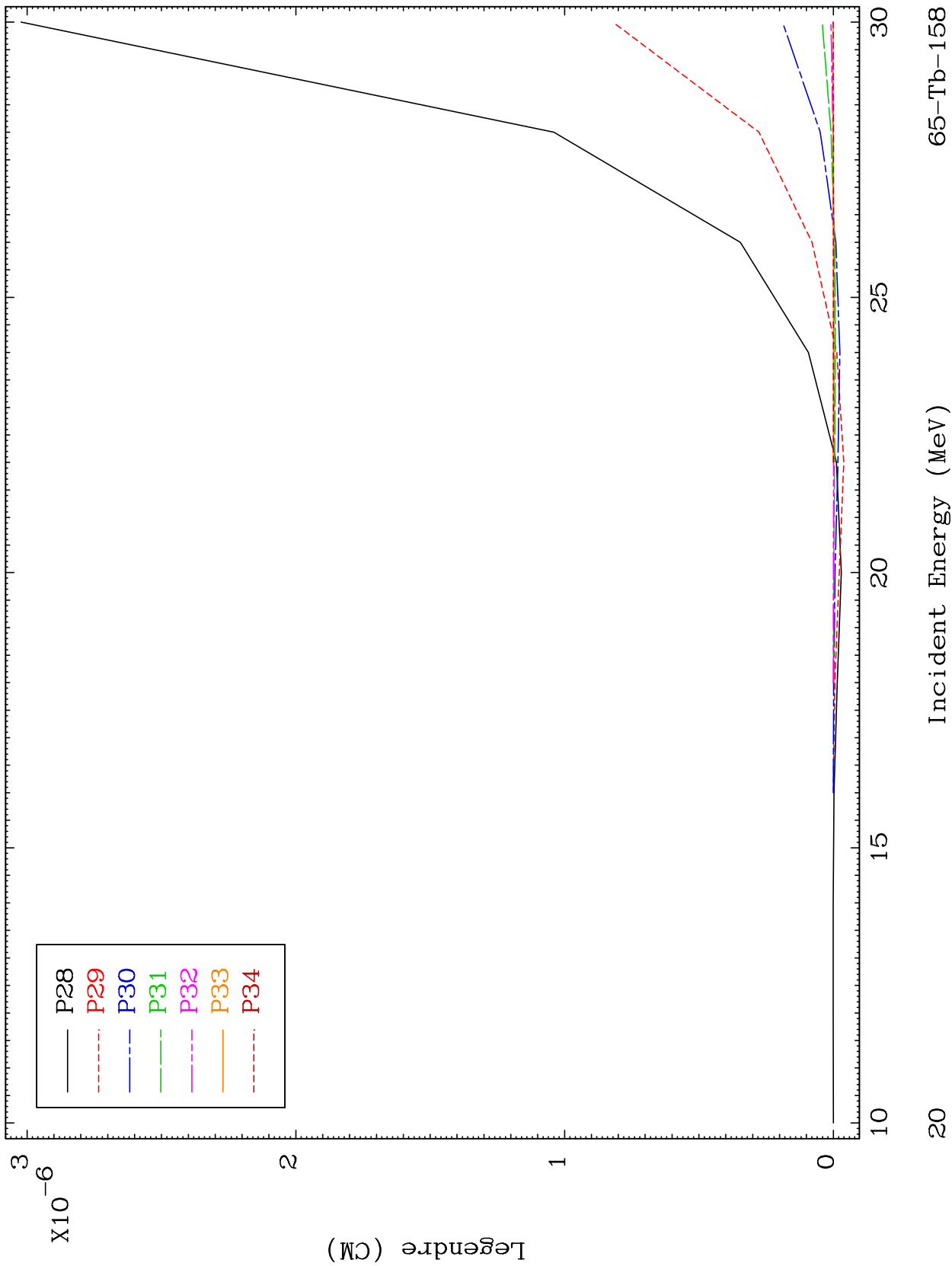
Incident Energy (MeV)

65-Tb-158

MAT 6522

Elastic Legendre Coefficients

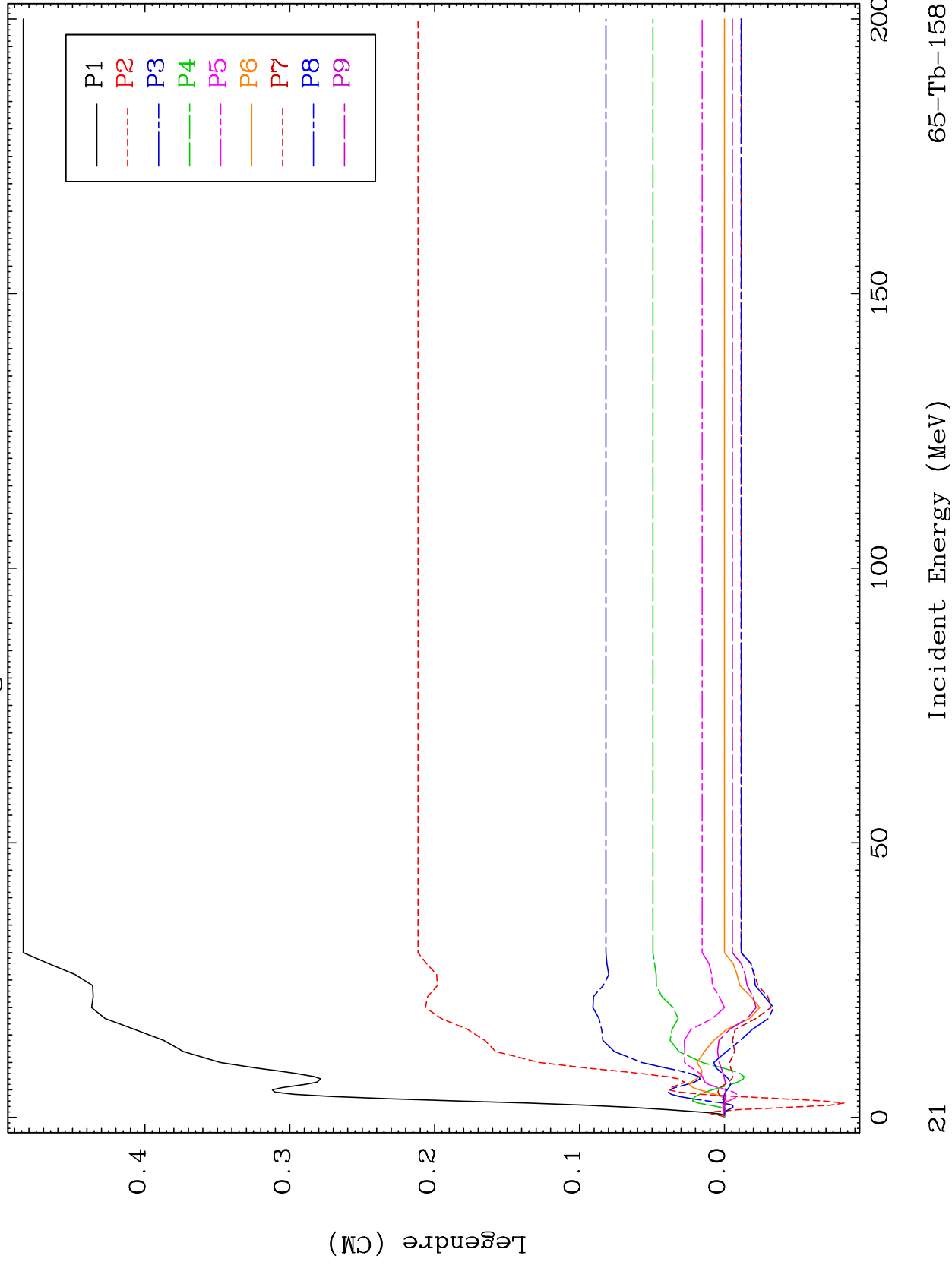
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MAT 6522

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

65-Tb-158



65-Tb-158

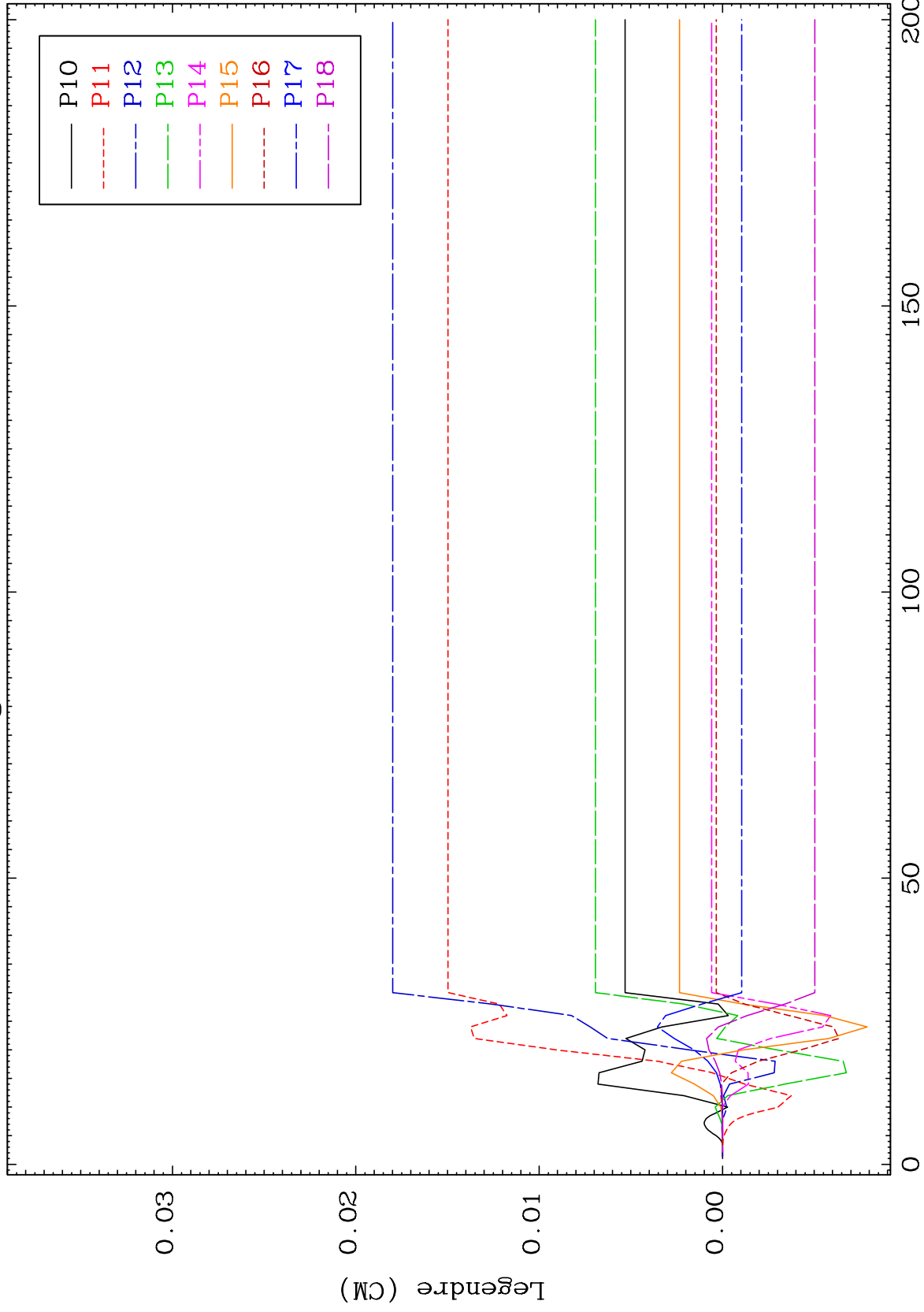
Incident Energy (MeV)

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MAT 6522

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

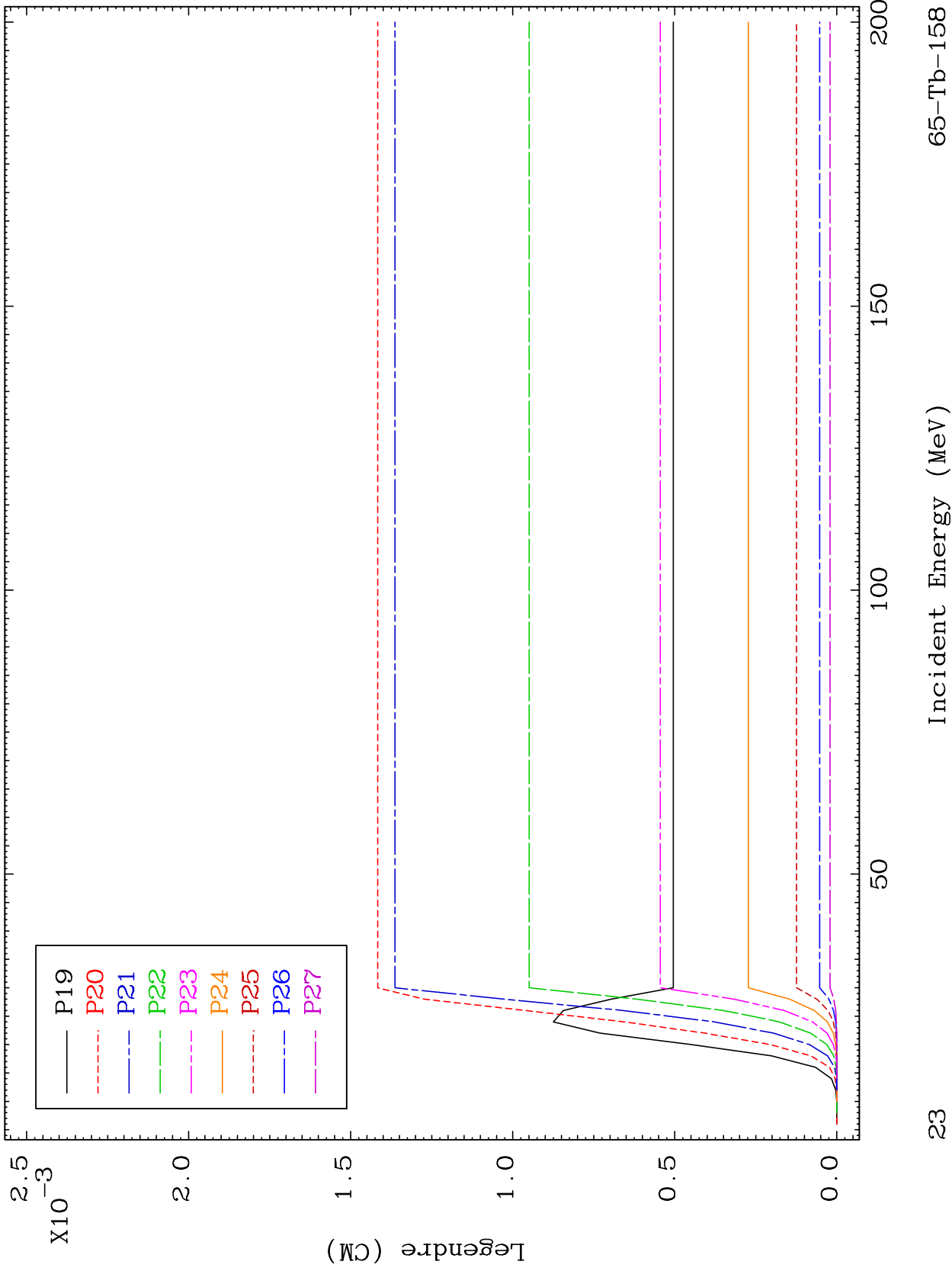
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Incident Energy (MeV)

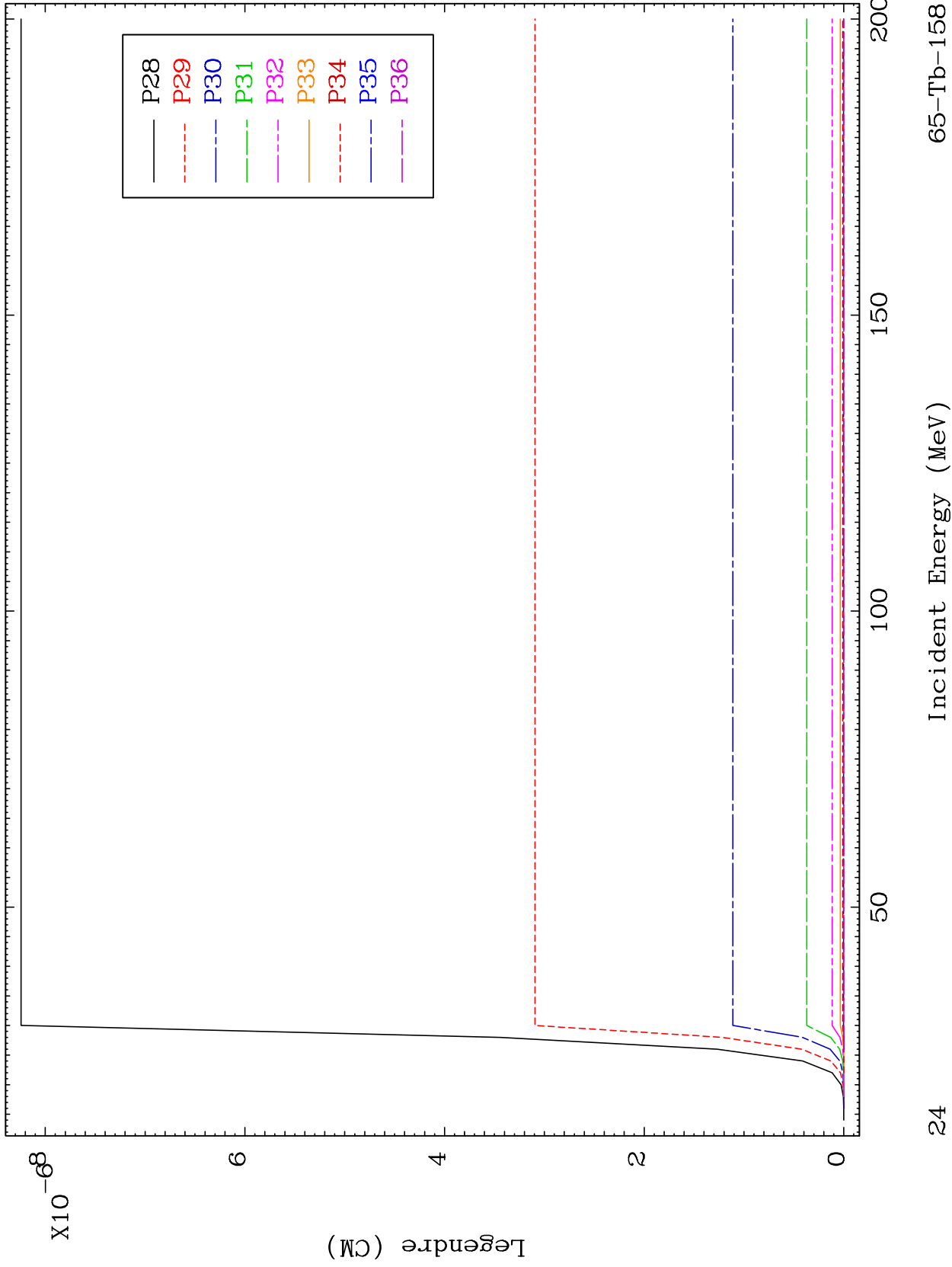
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MAT 6522

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

65-Tb-158



24

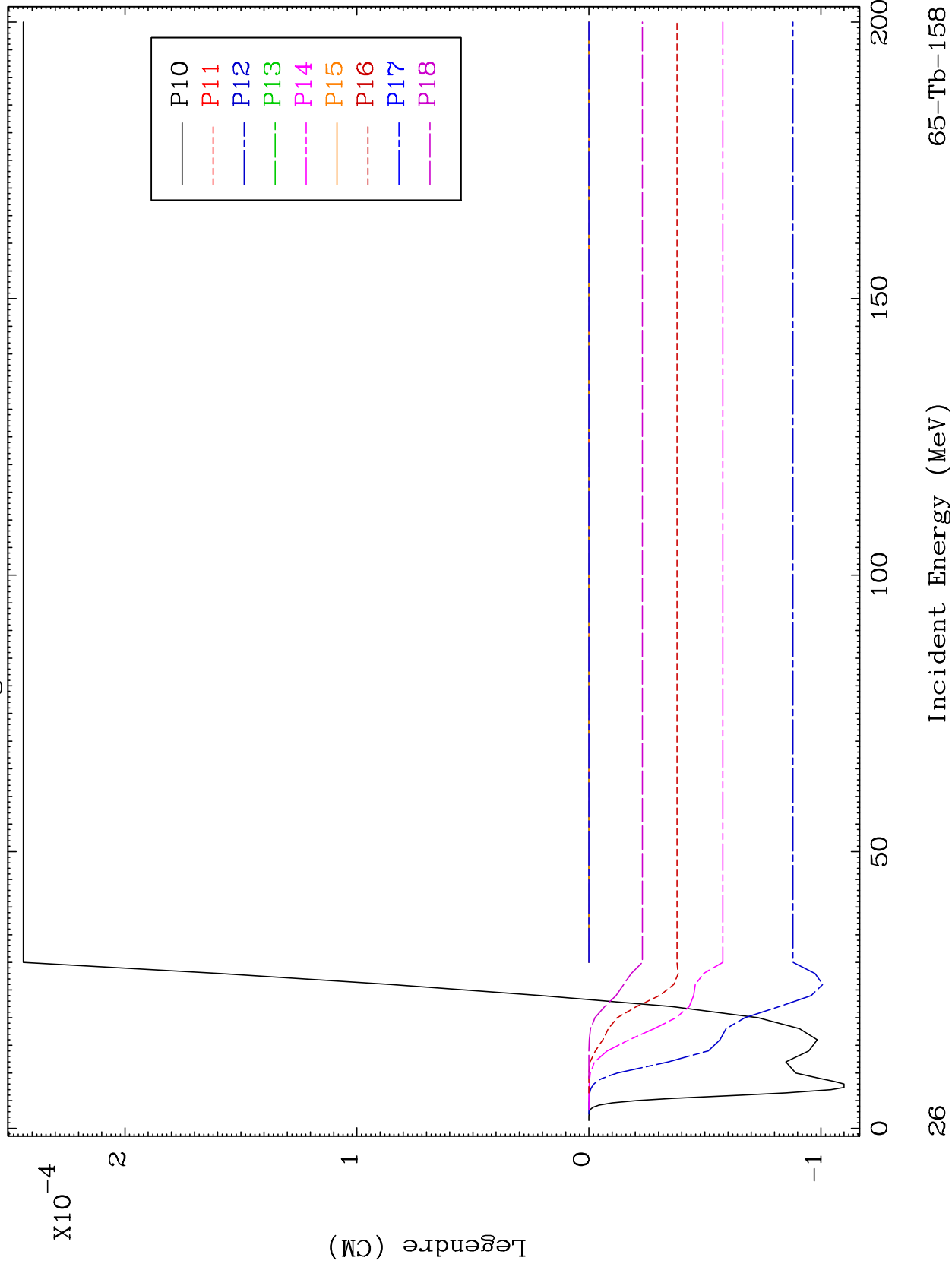
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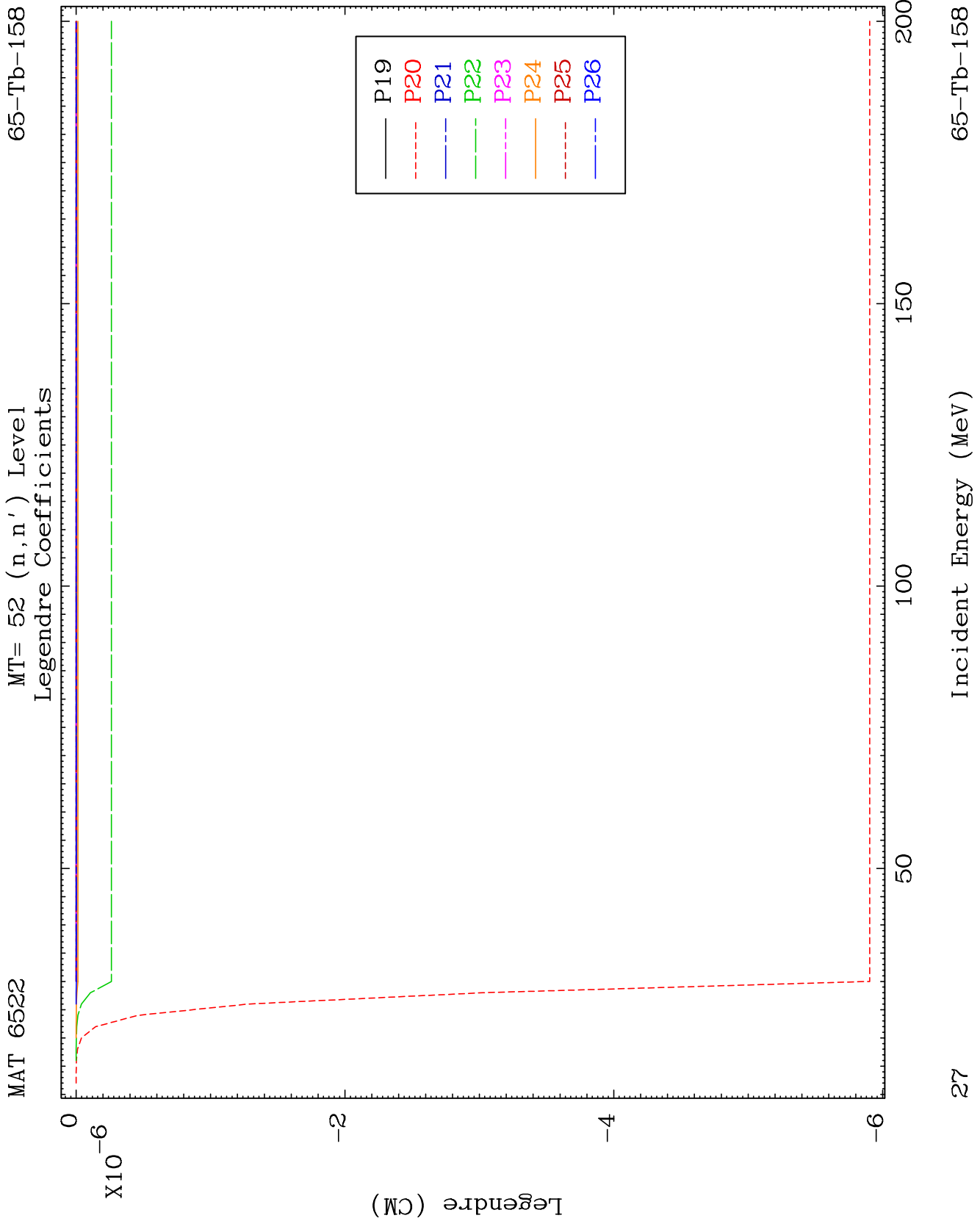
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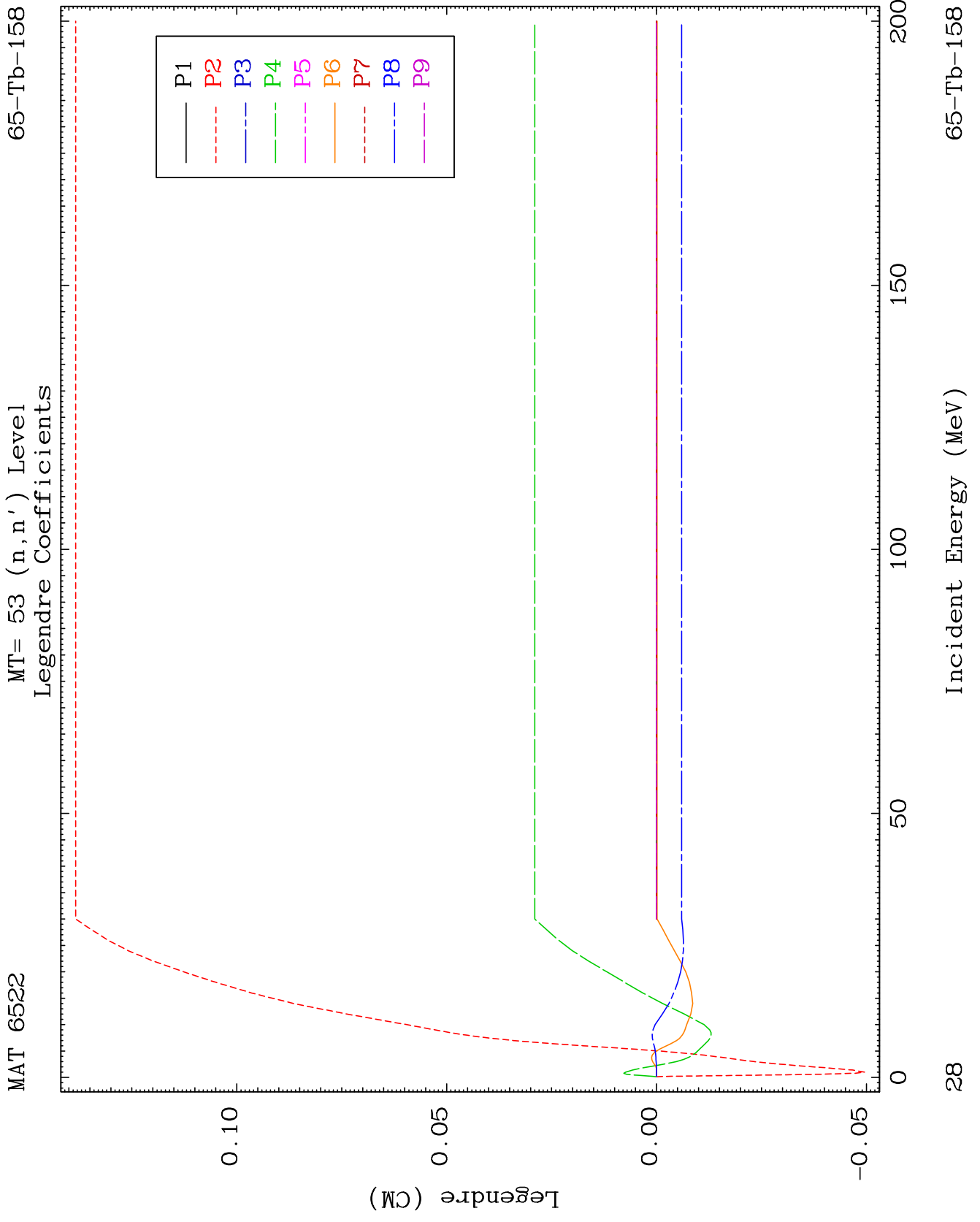
MAT 6522

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

65-Tb-158



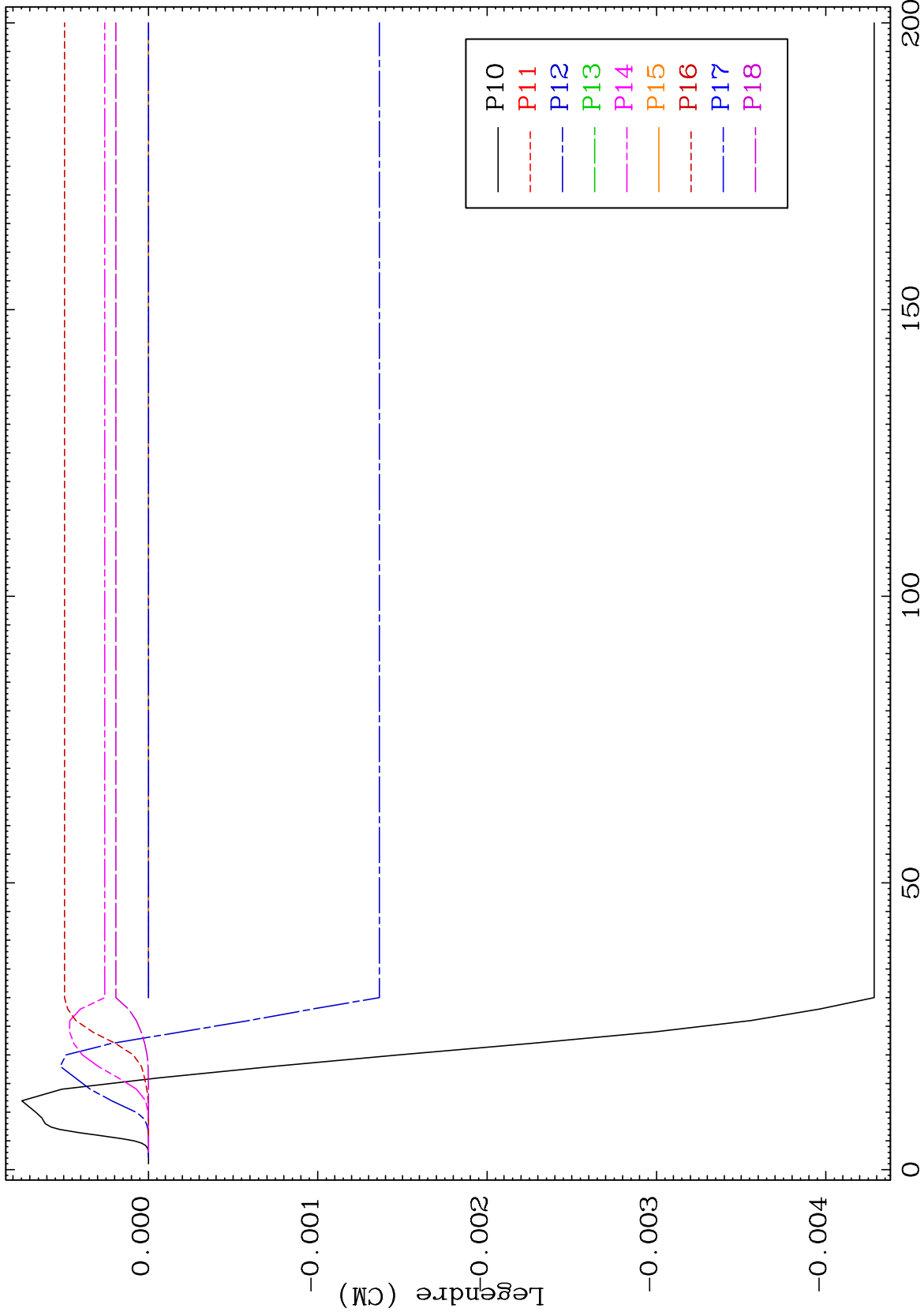




MAT 6522

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

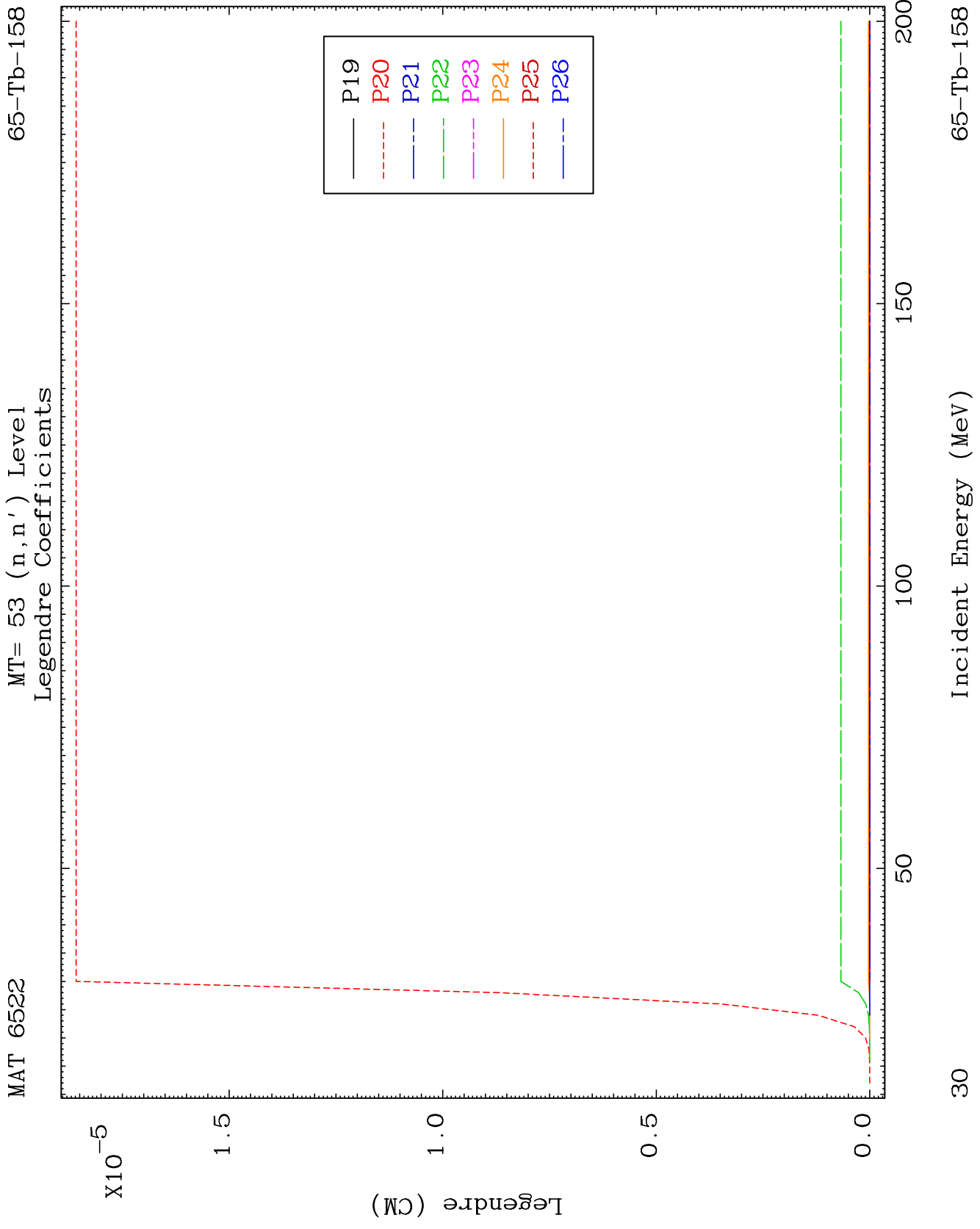
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29

Incident Energy (MeV)

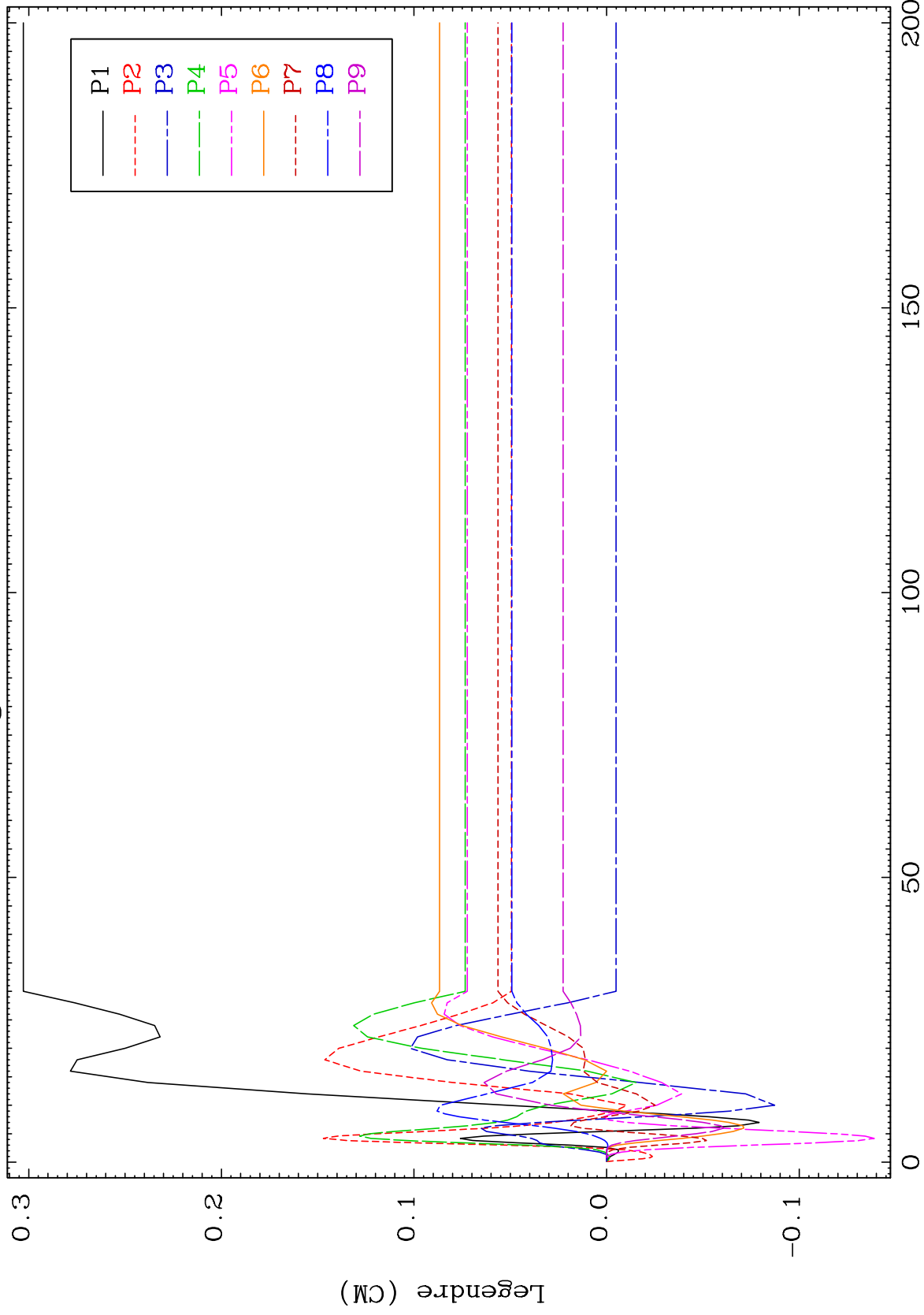
65-Tb-158



MAT 6522

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

65-Tb-158



31

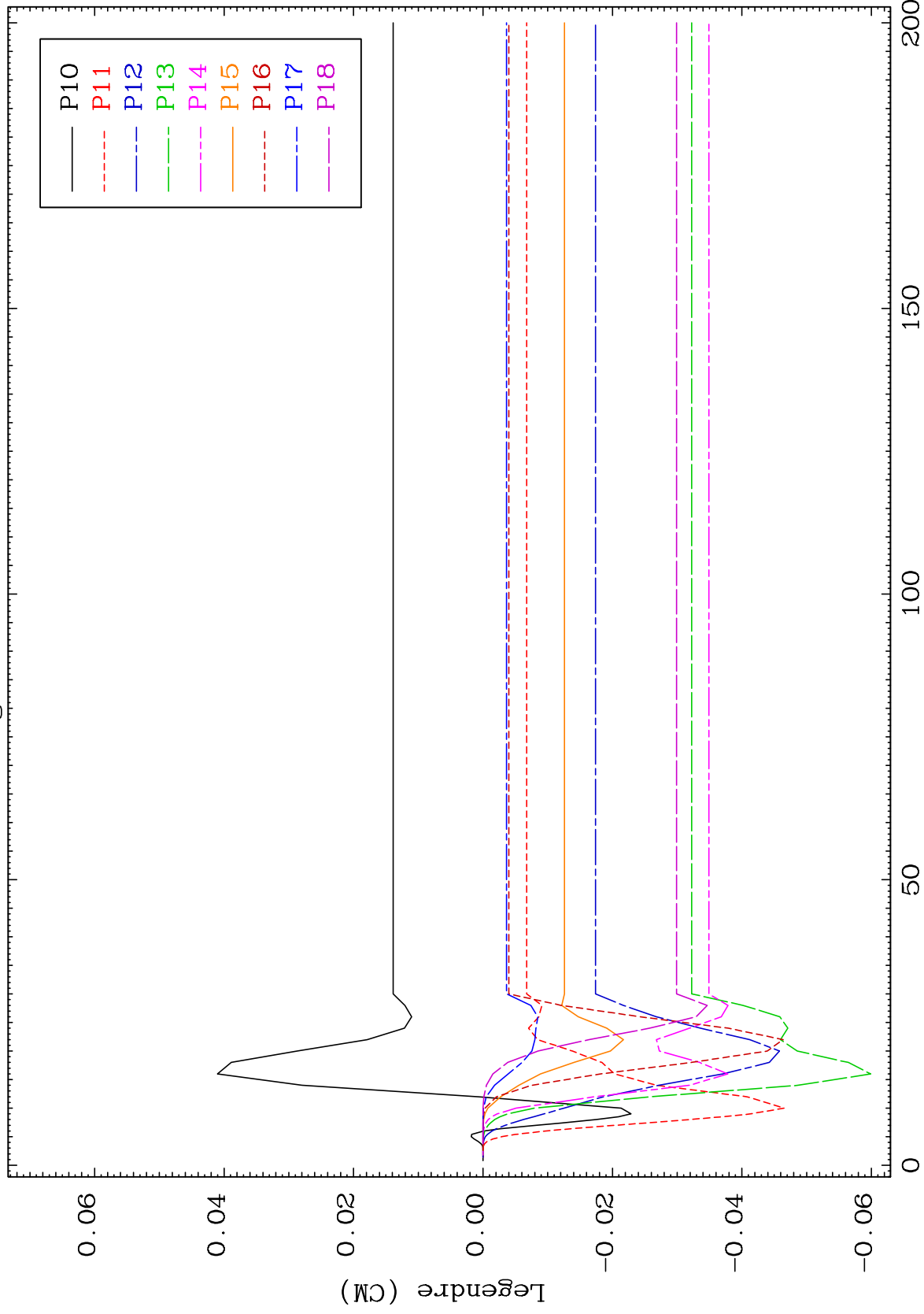
Incident Energy (MeV)

65-Tb-158

MAT 6522

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

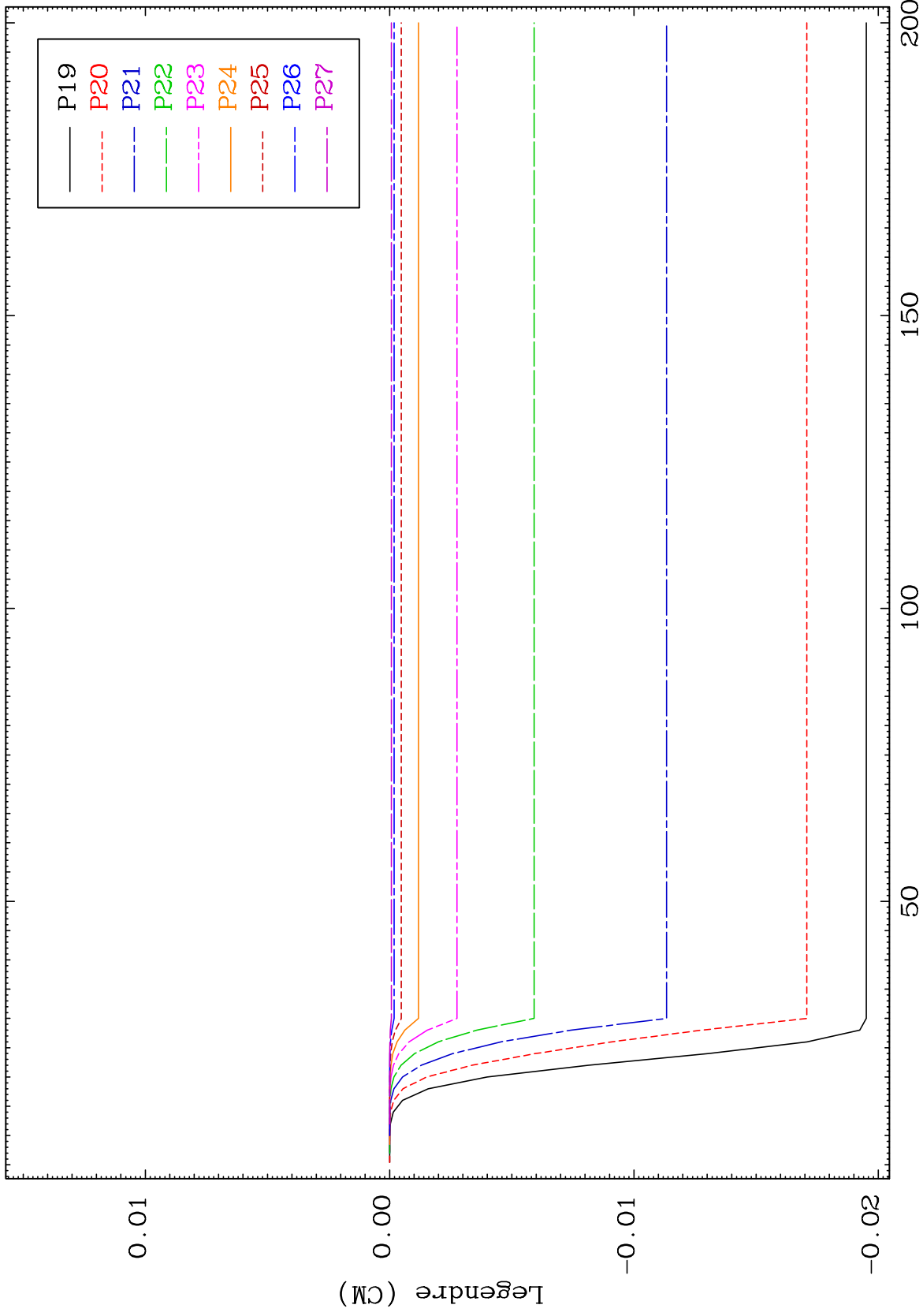
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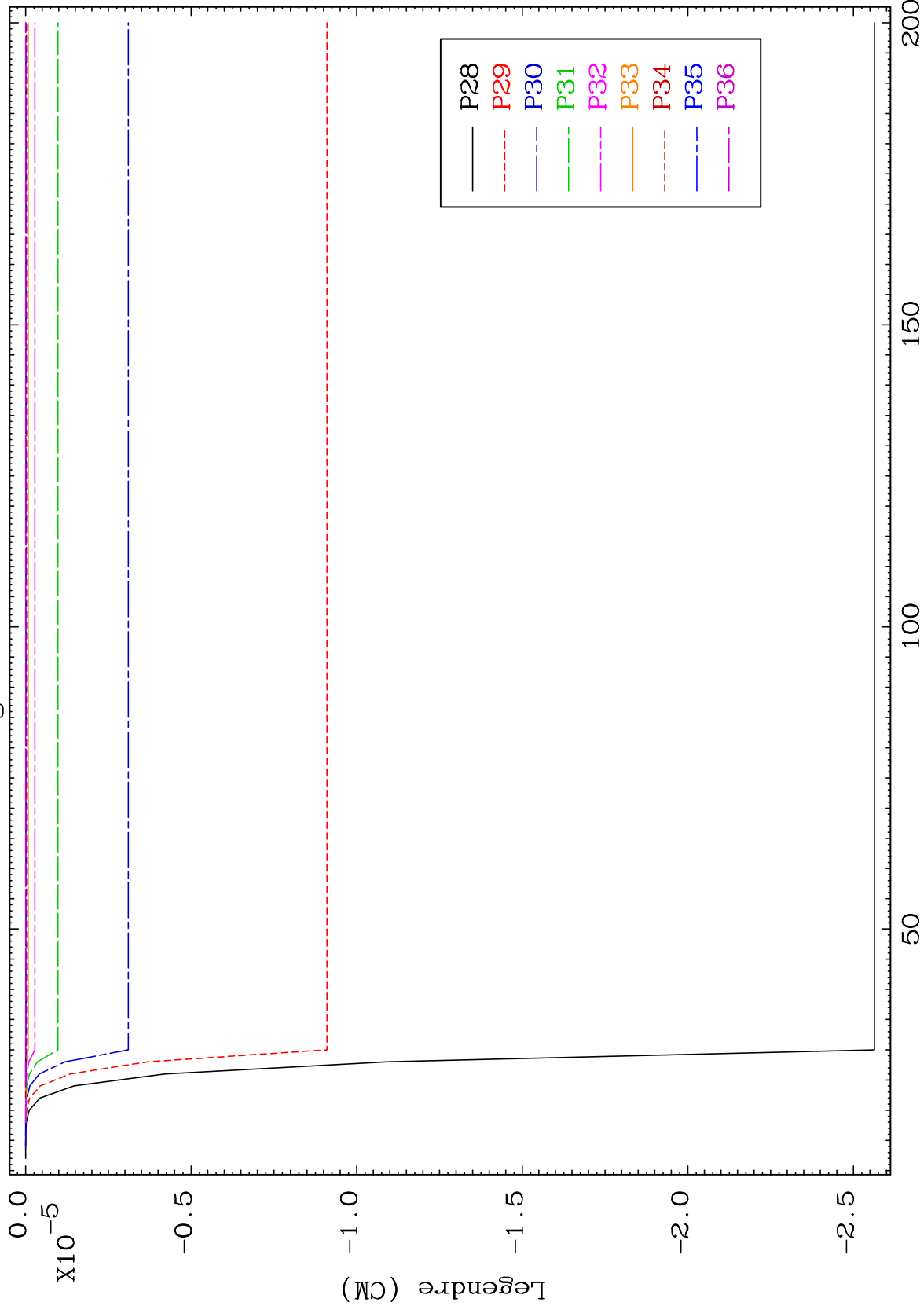


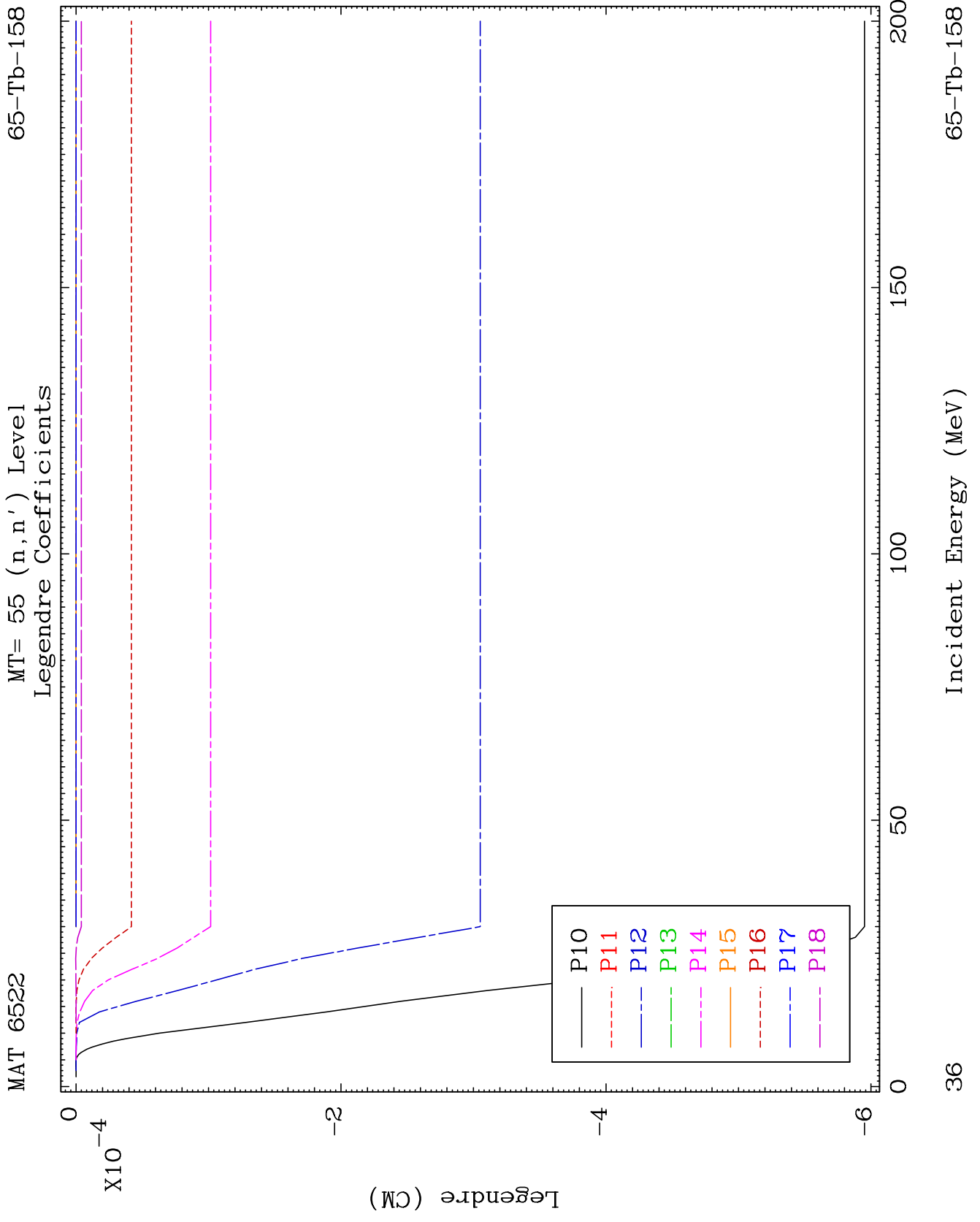
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Incident Energy (MeV)

65-Tb-158



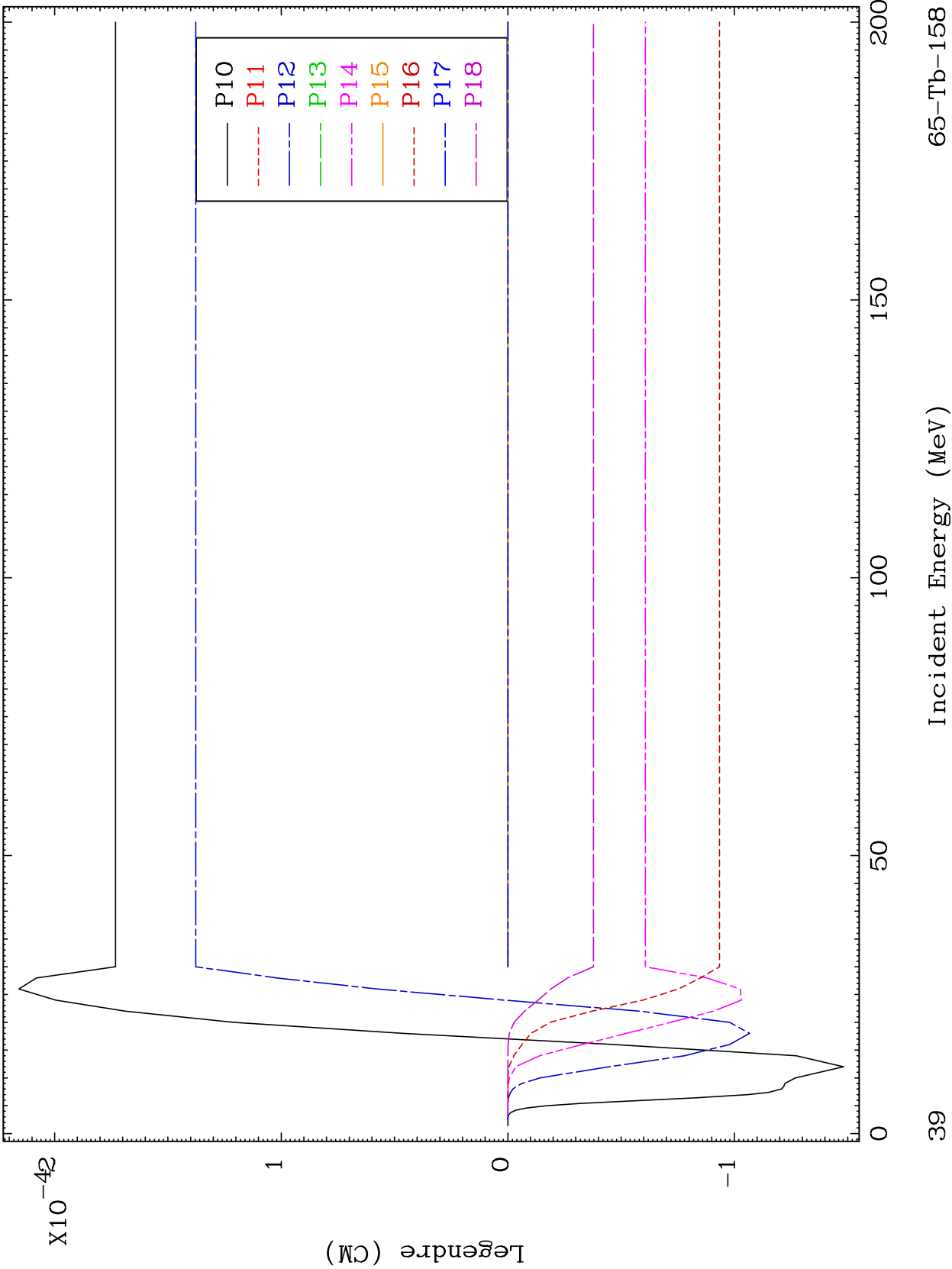




MAT 6522

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

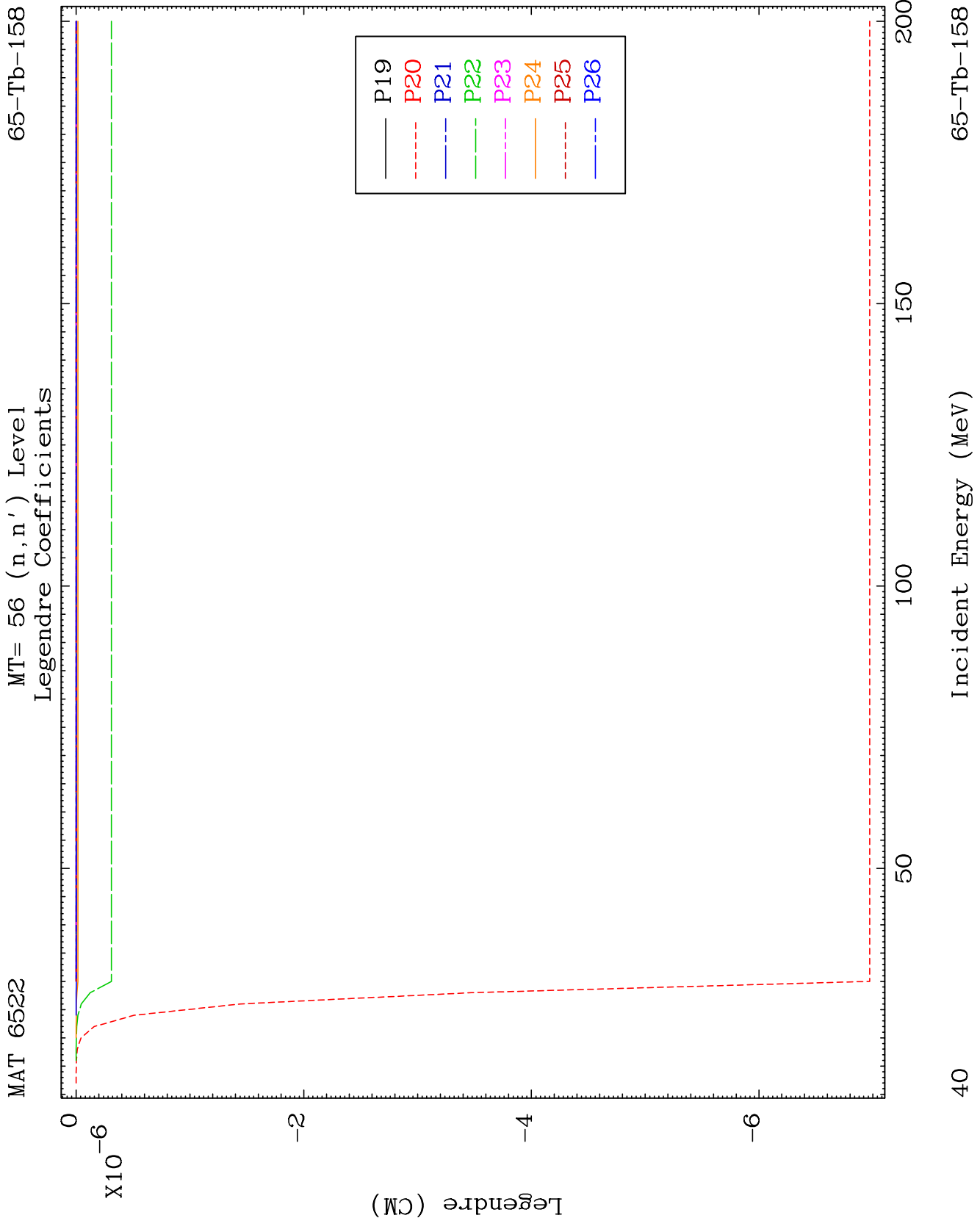
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39

Incident Energy (MeV)

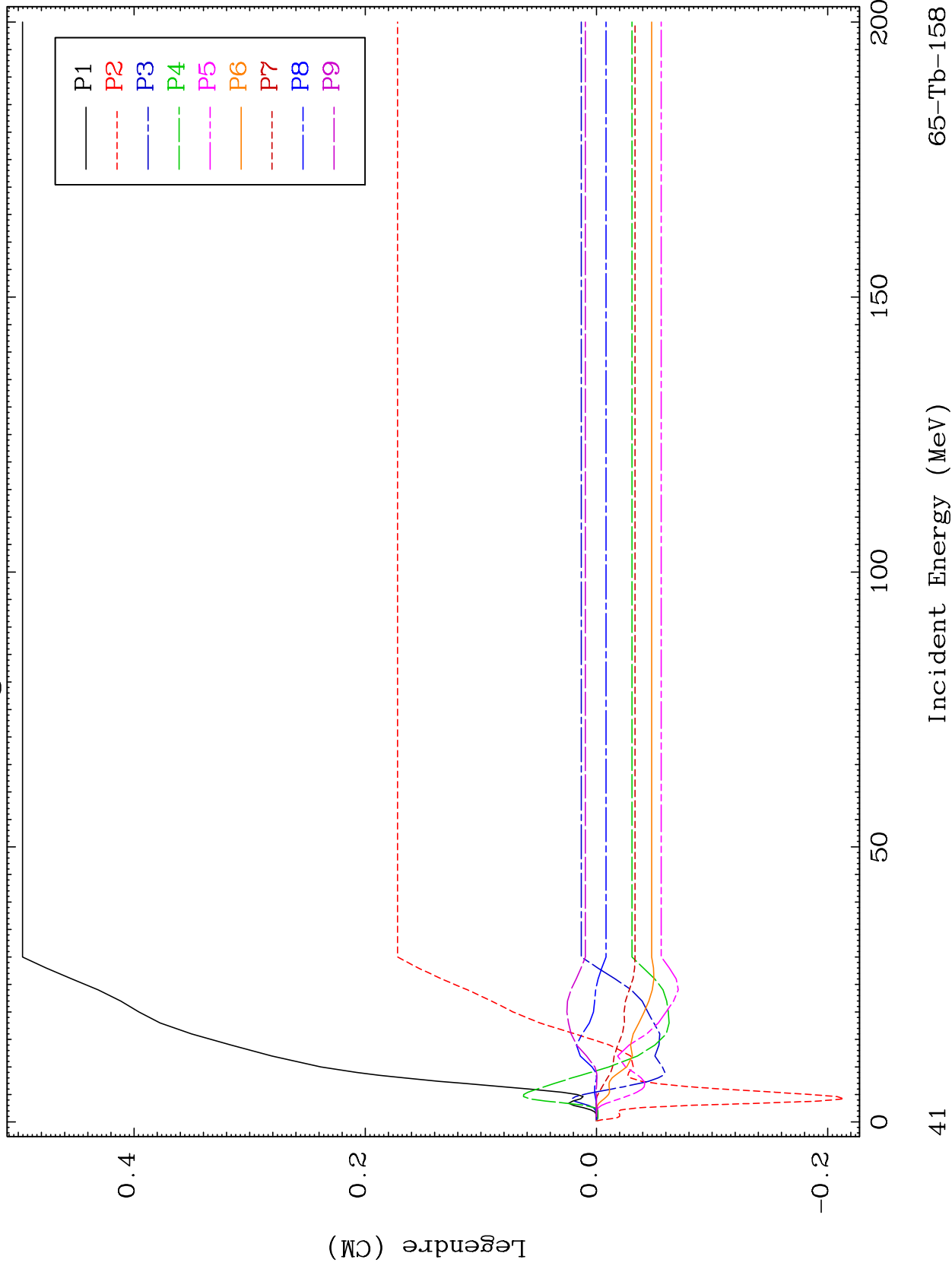
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MAT 6522

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

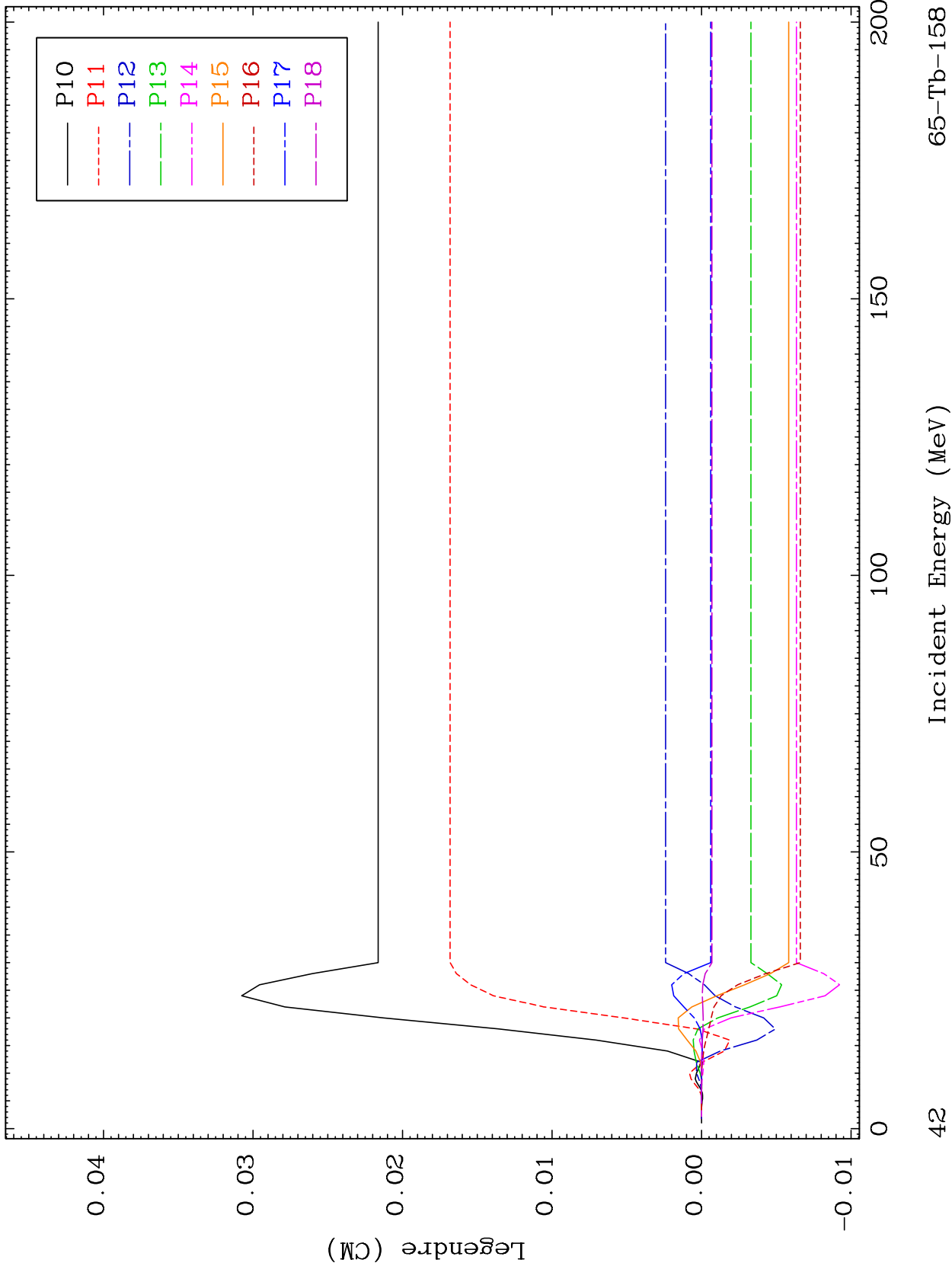
65-Tb-158



MAT 6522

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

65-Tb-158



65-Tb-158

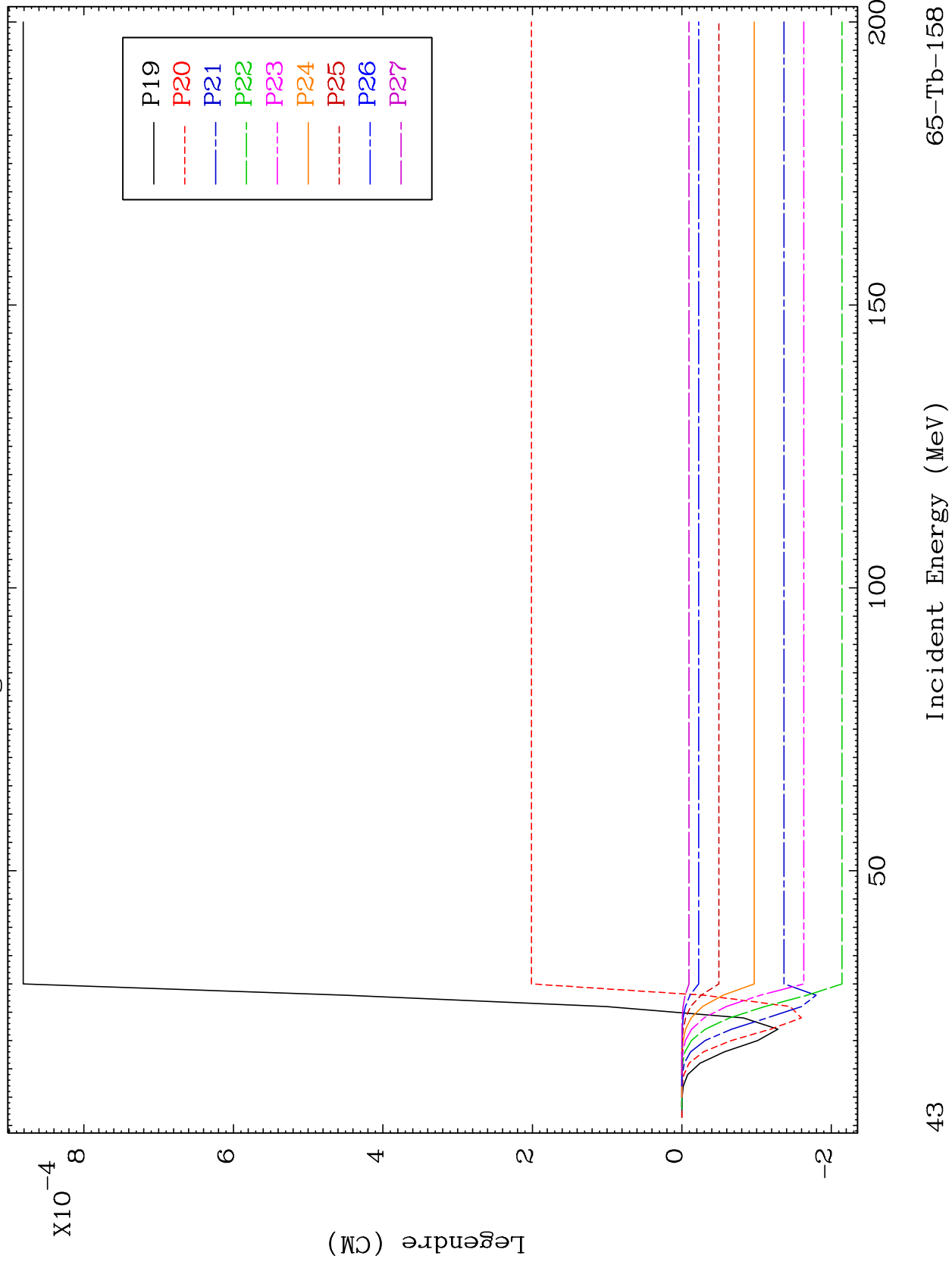
Incident Energy (MeV)

42

MAT 6522

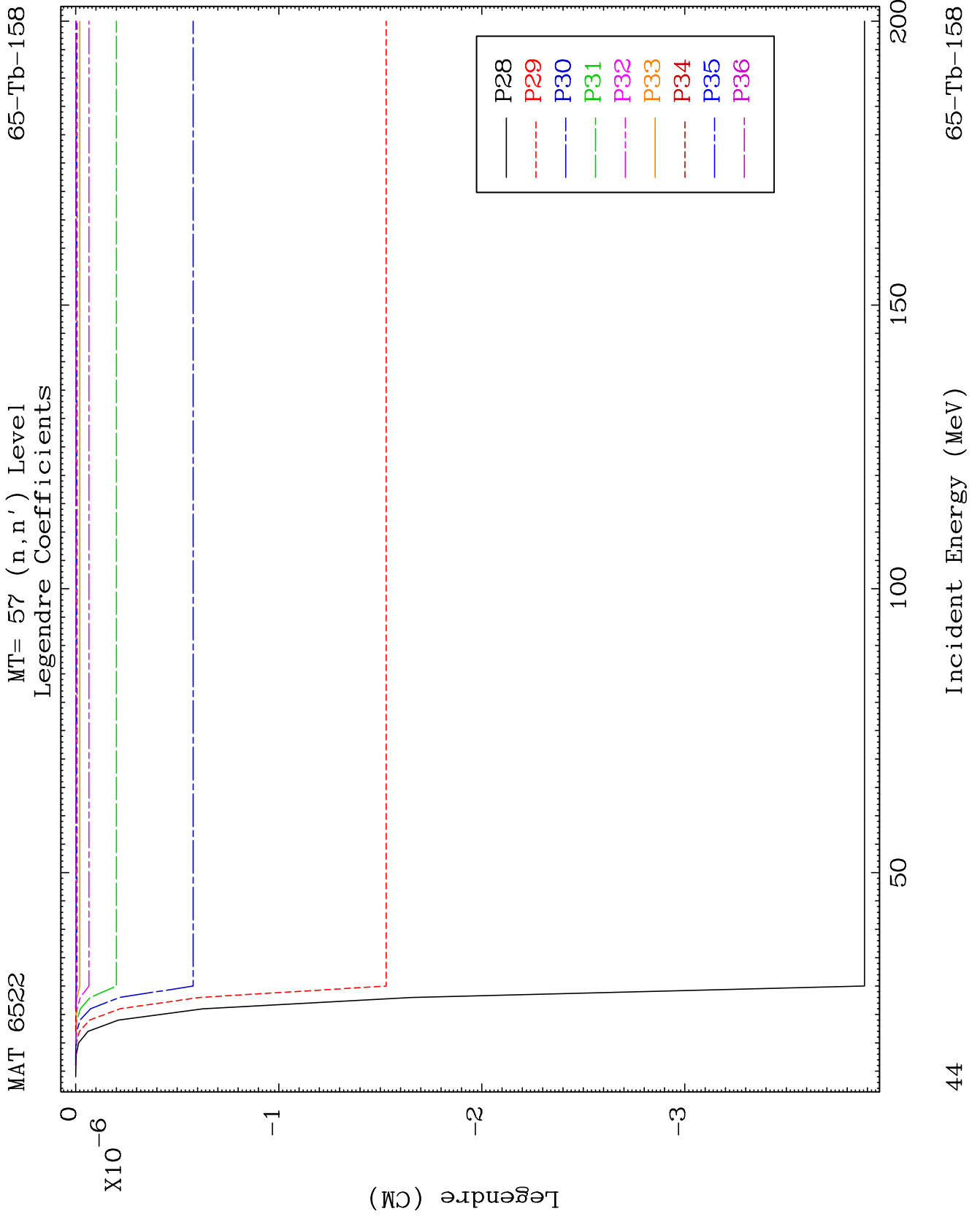
MT= 57 (n,n') Level
Legendre Coefficients

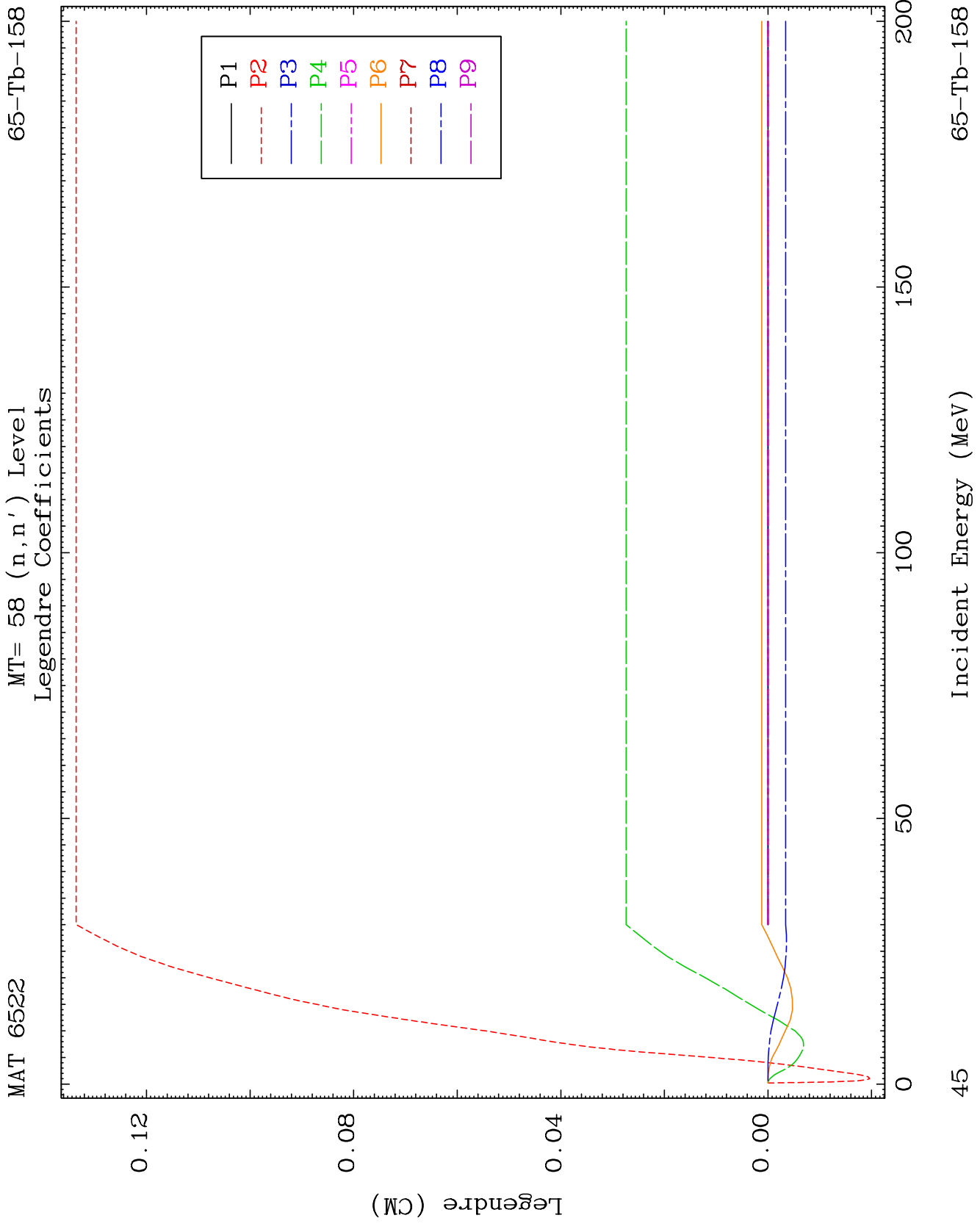
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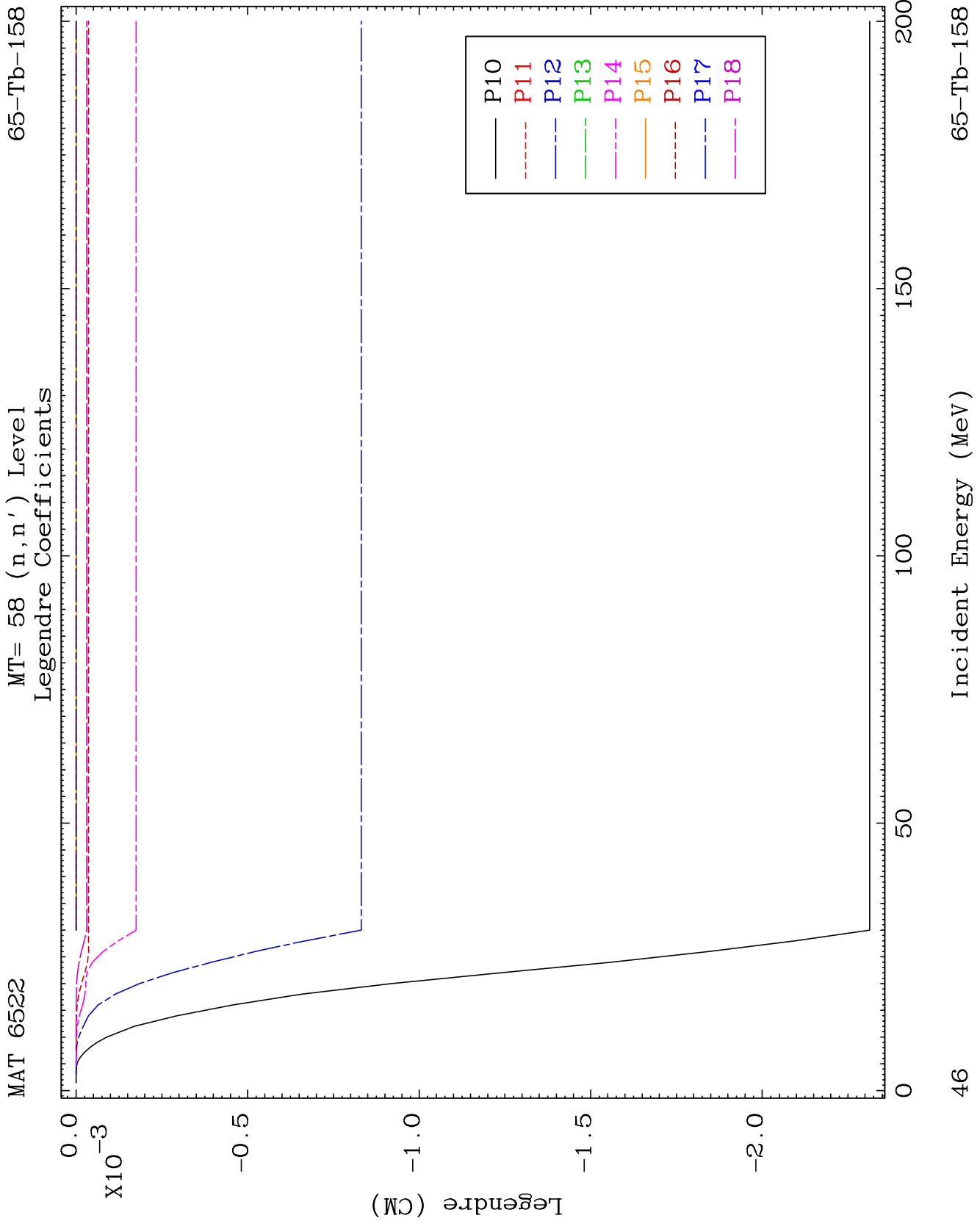


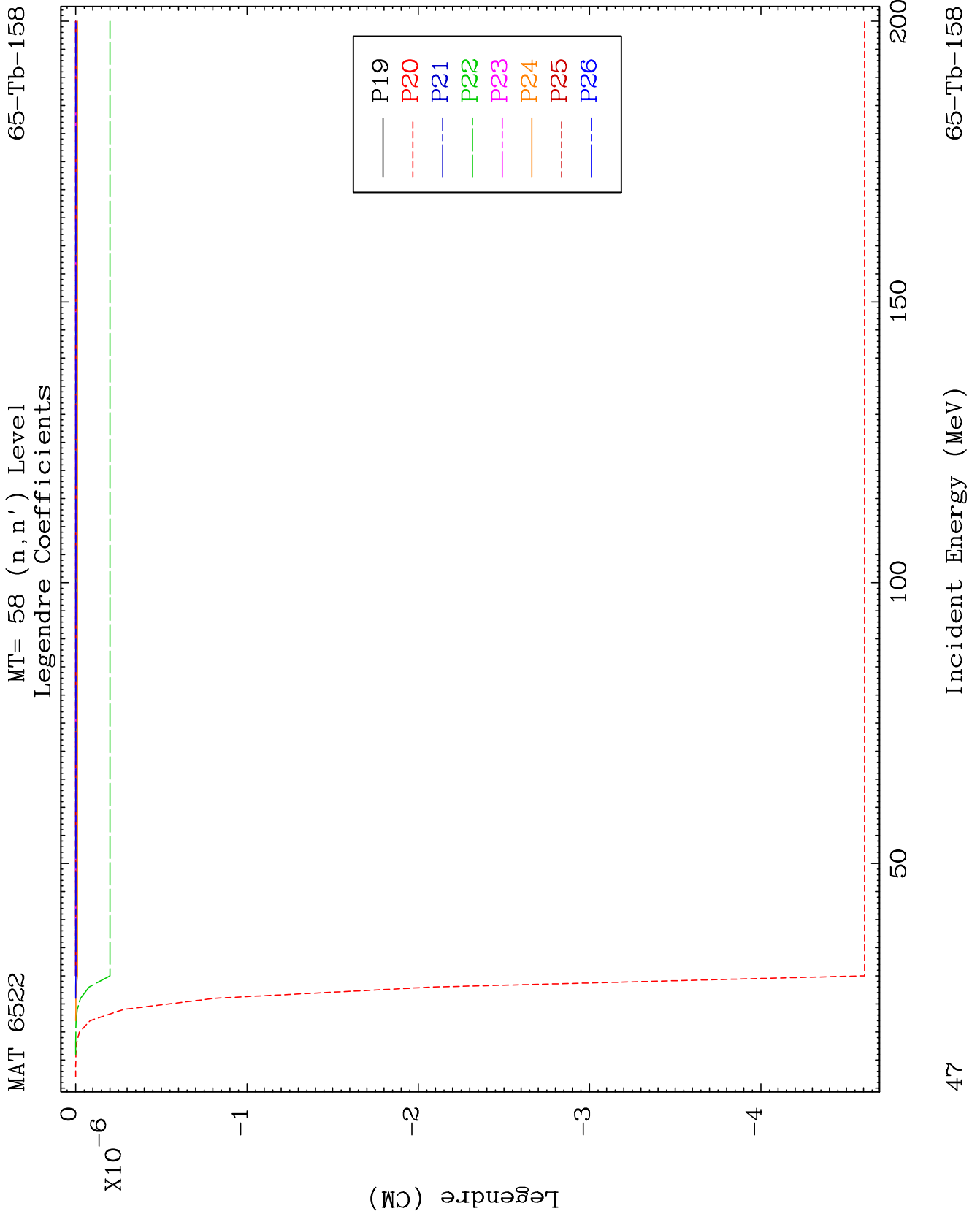
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65-Tb-158





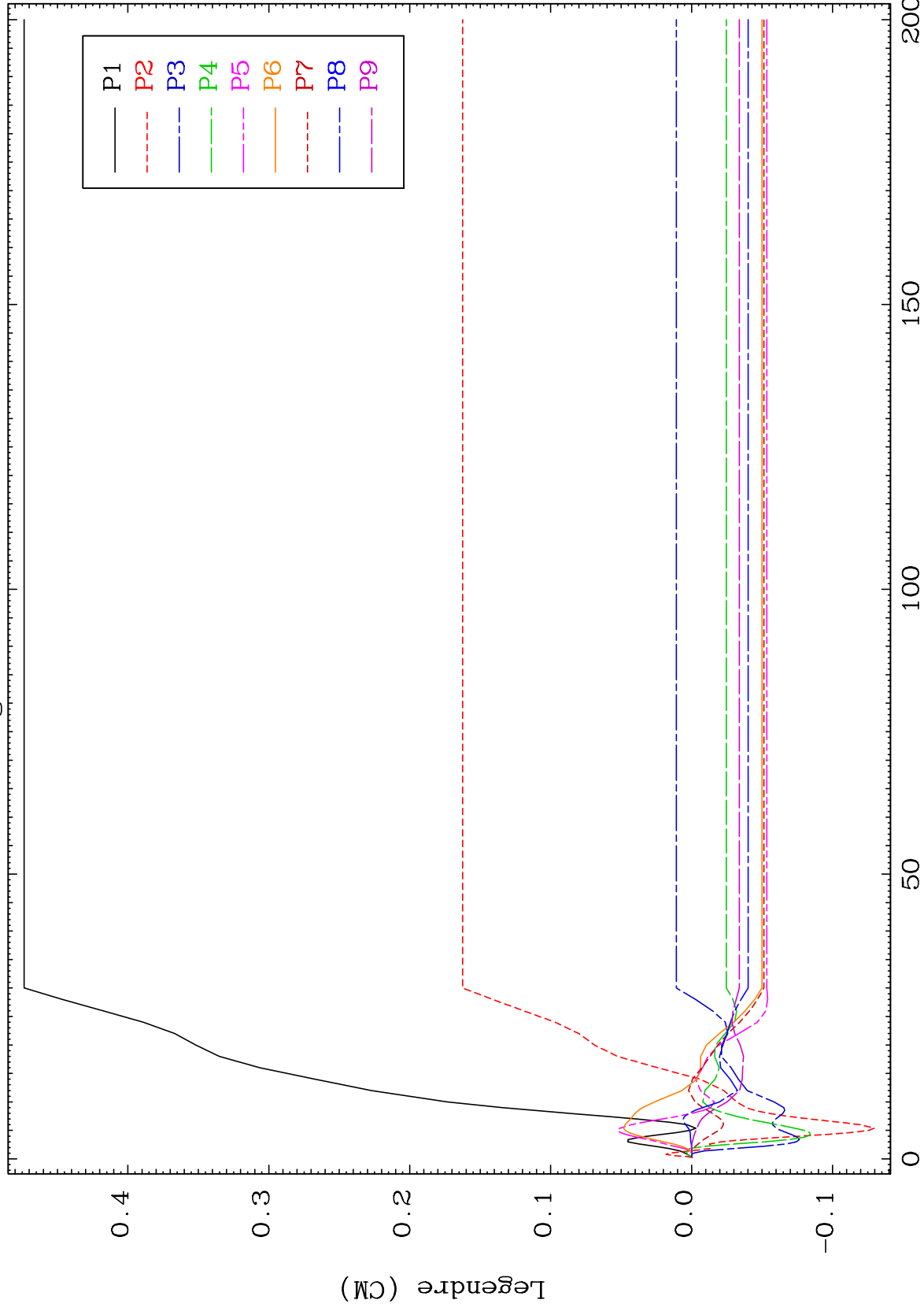




MAT 6522

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

65-Tb-158



48

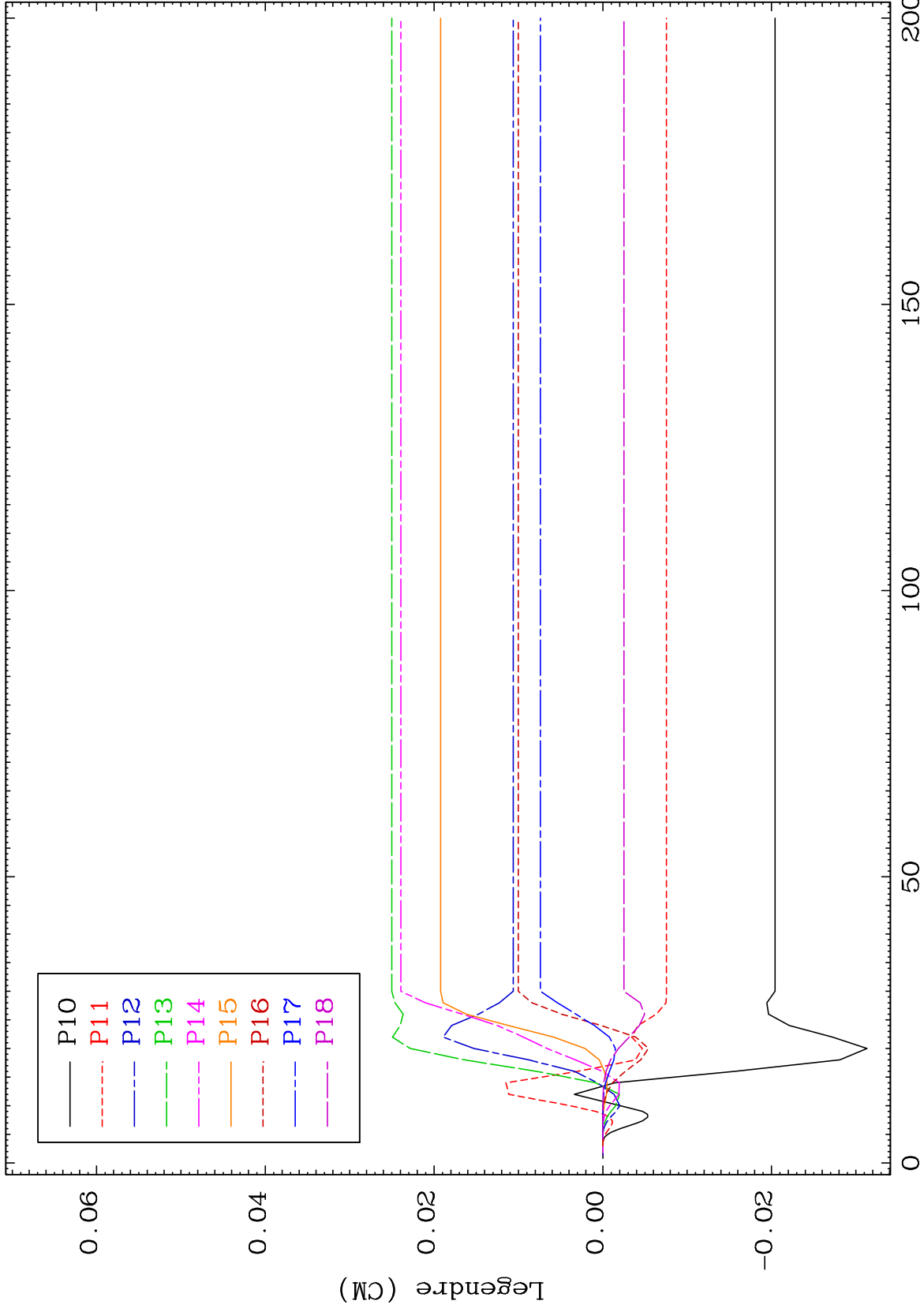
Incident Energy (MeV)

65-Tb-158

MAT 65222

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

65-Tb-158



49

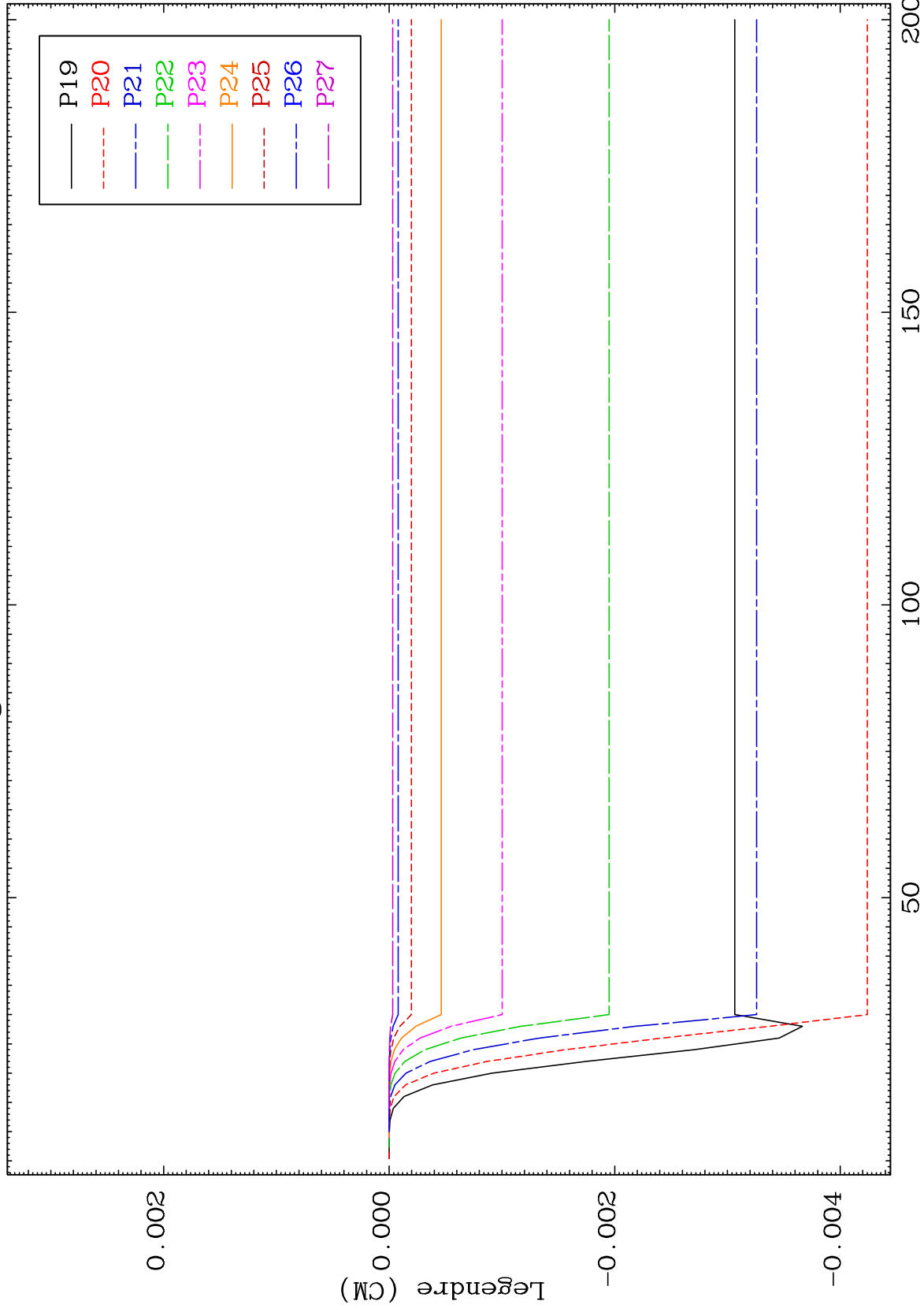
Incident Energy (MeV)

65-Tb-158

MAT 65222

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

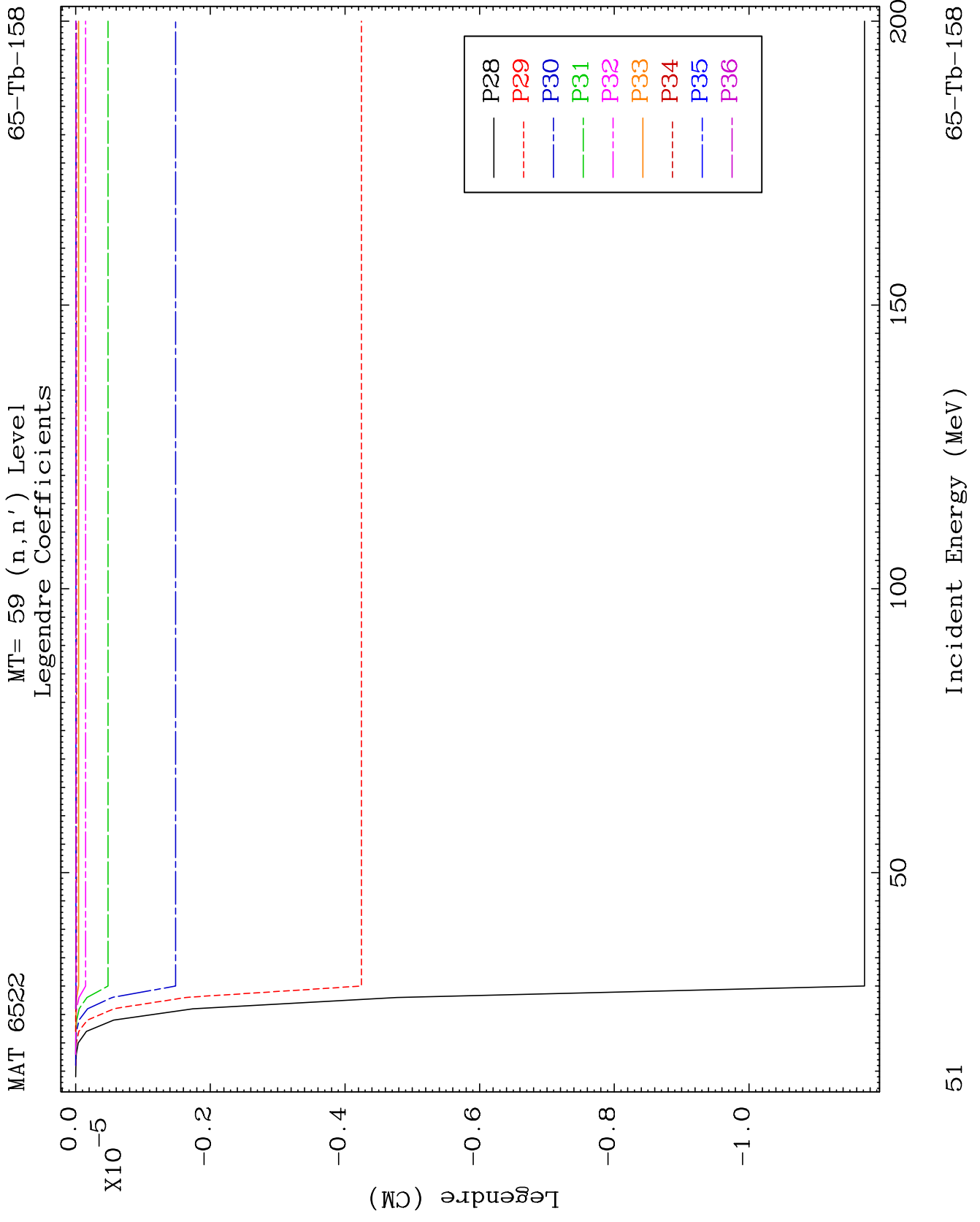
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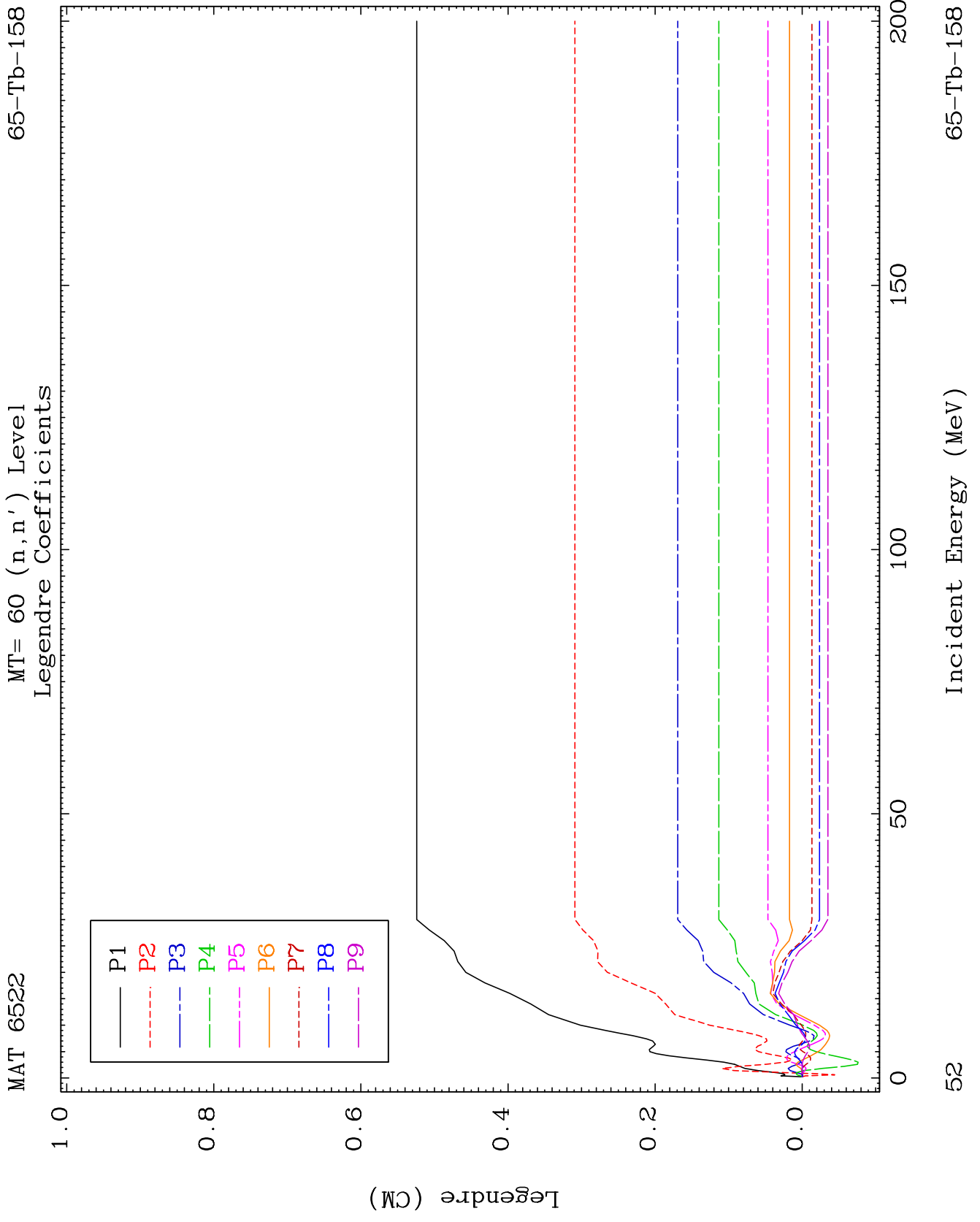


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Incident Energy (MeV)

65-Tb-158

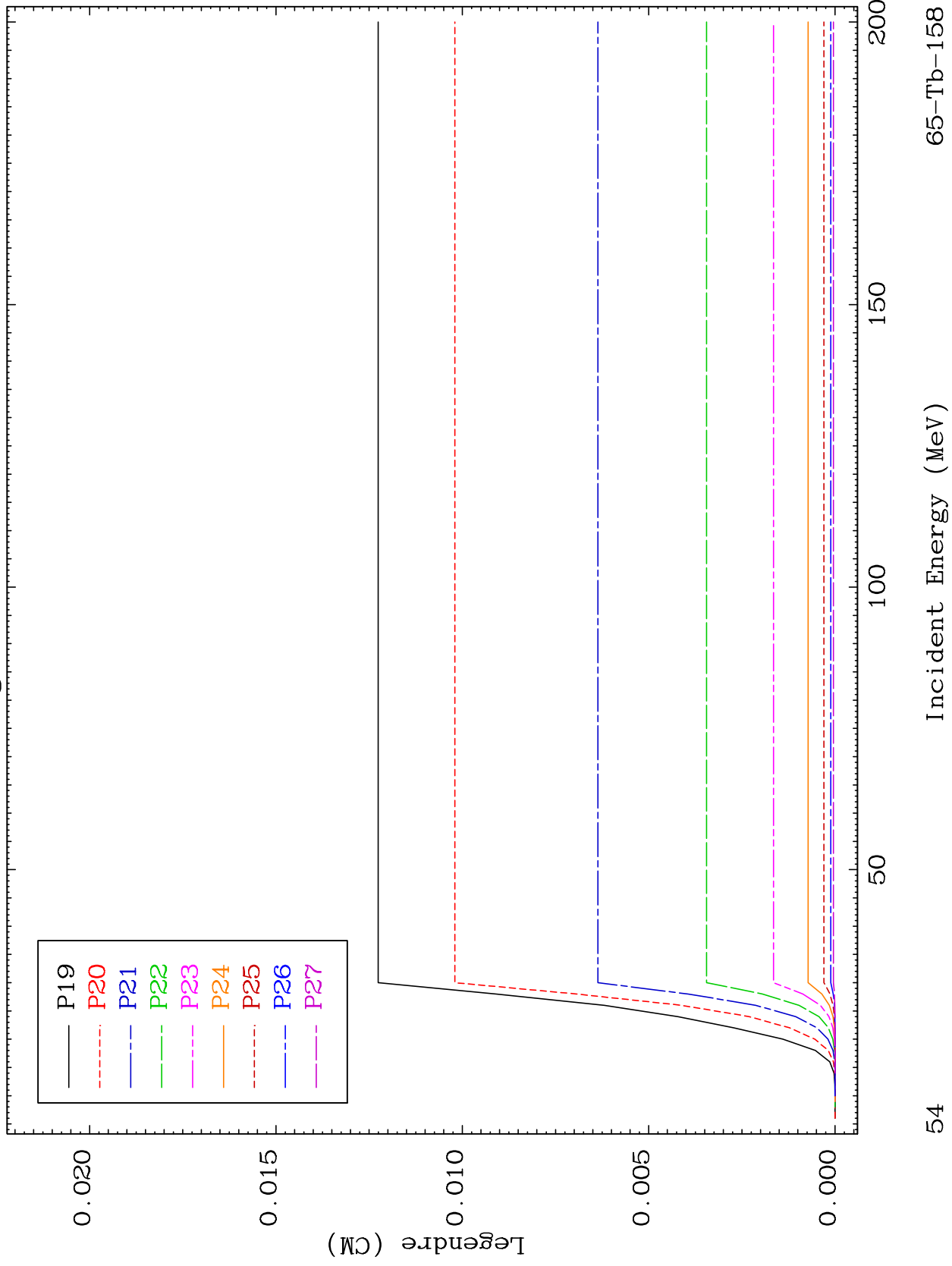




MAT 65222

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

65-Tb-158



54

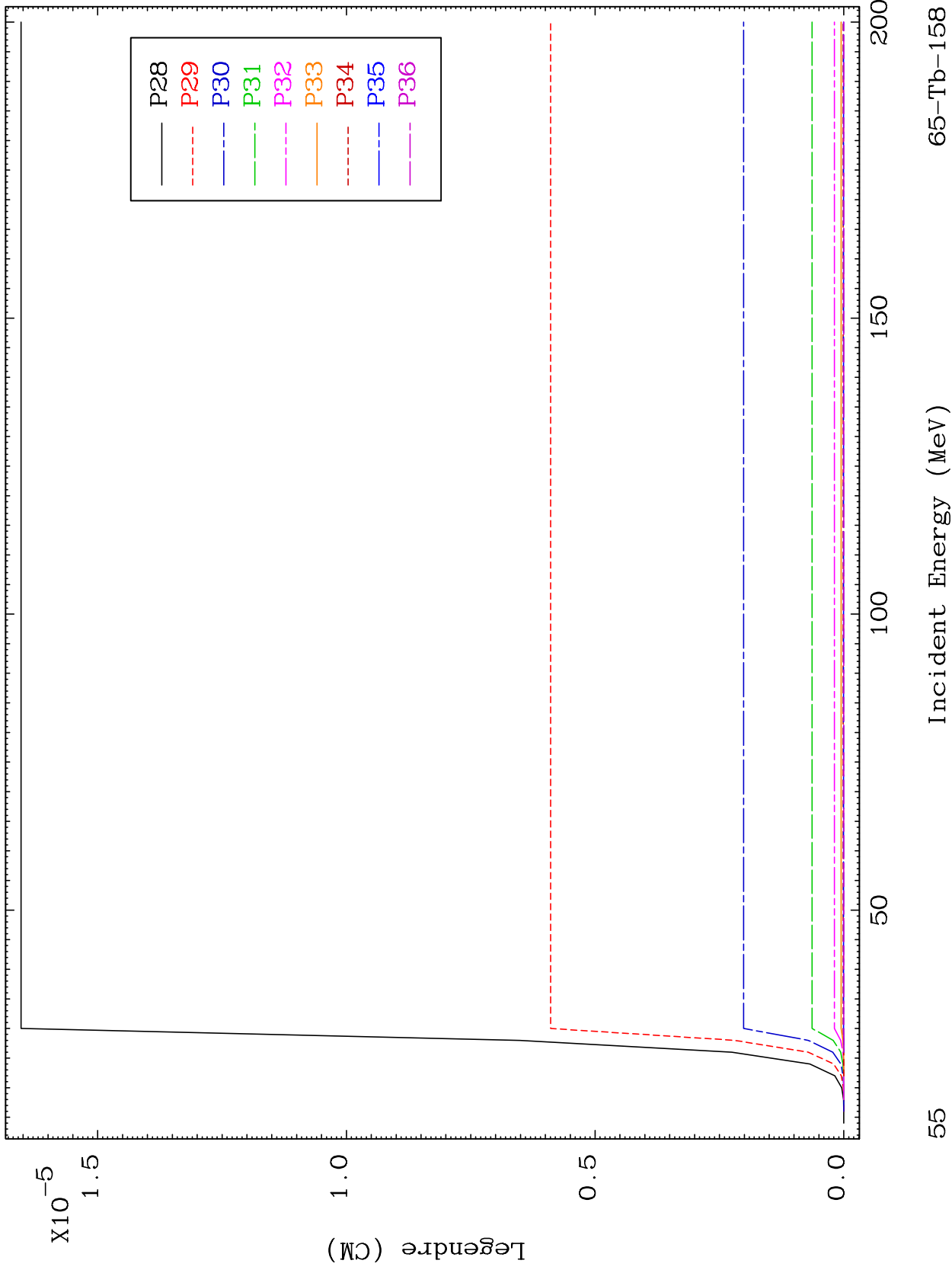
Incident Energy (MeV)

65-Tb-158

MAT 6522

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

65-Tb-158



55

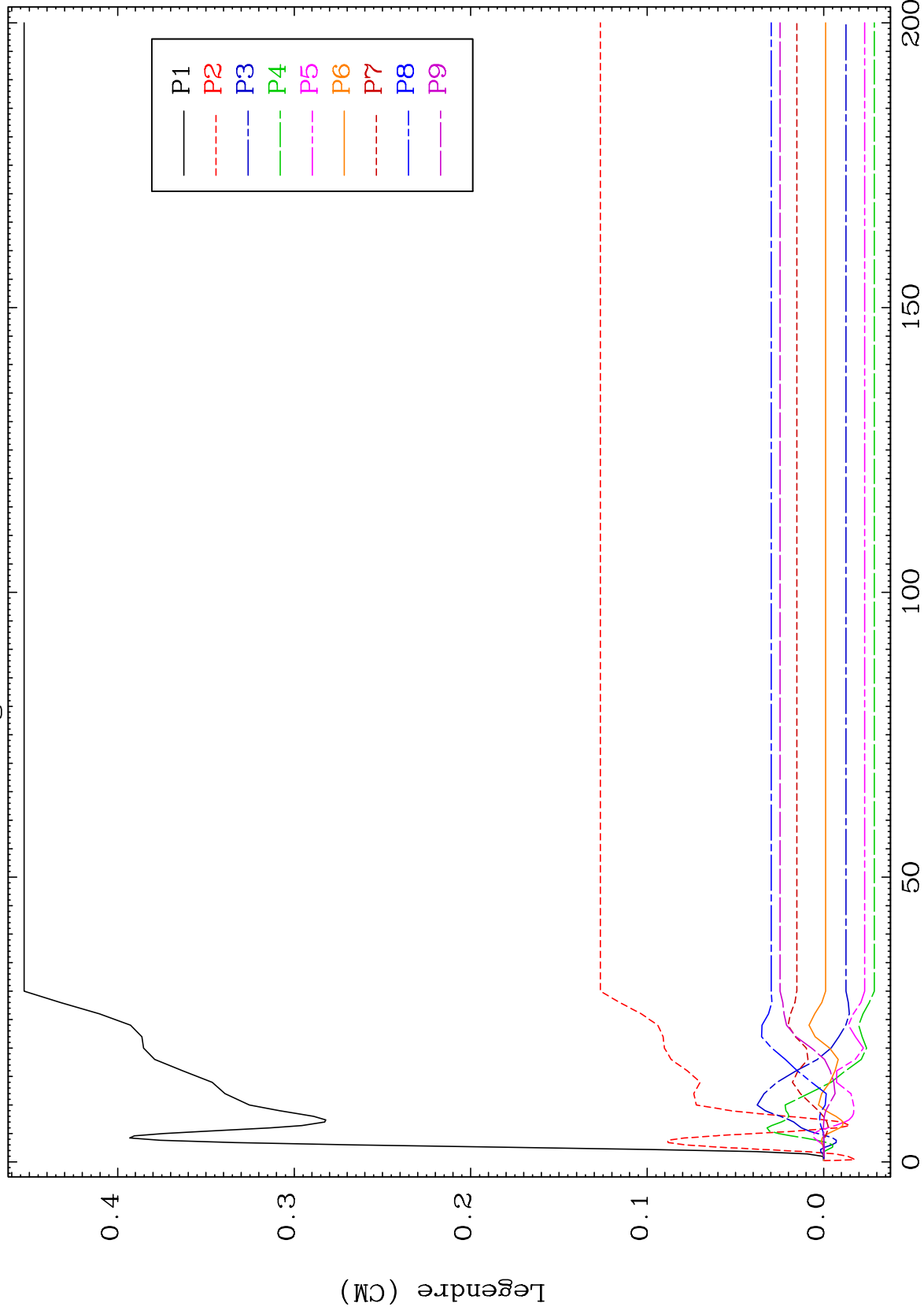
Incident Energy (MeV)

65-Tb-158

MAT 6522

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

65-Tb-158



56

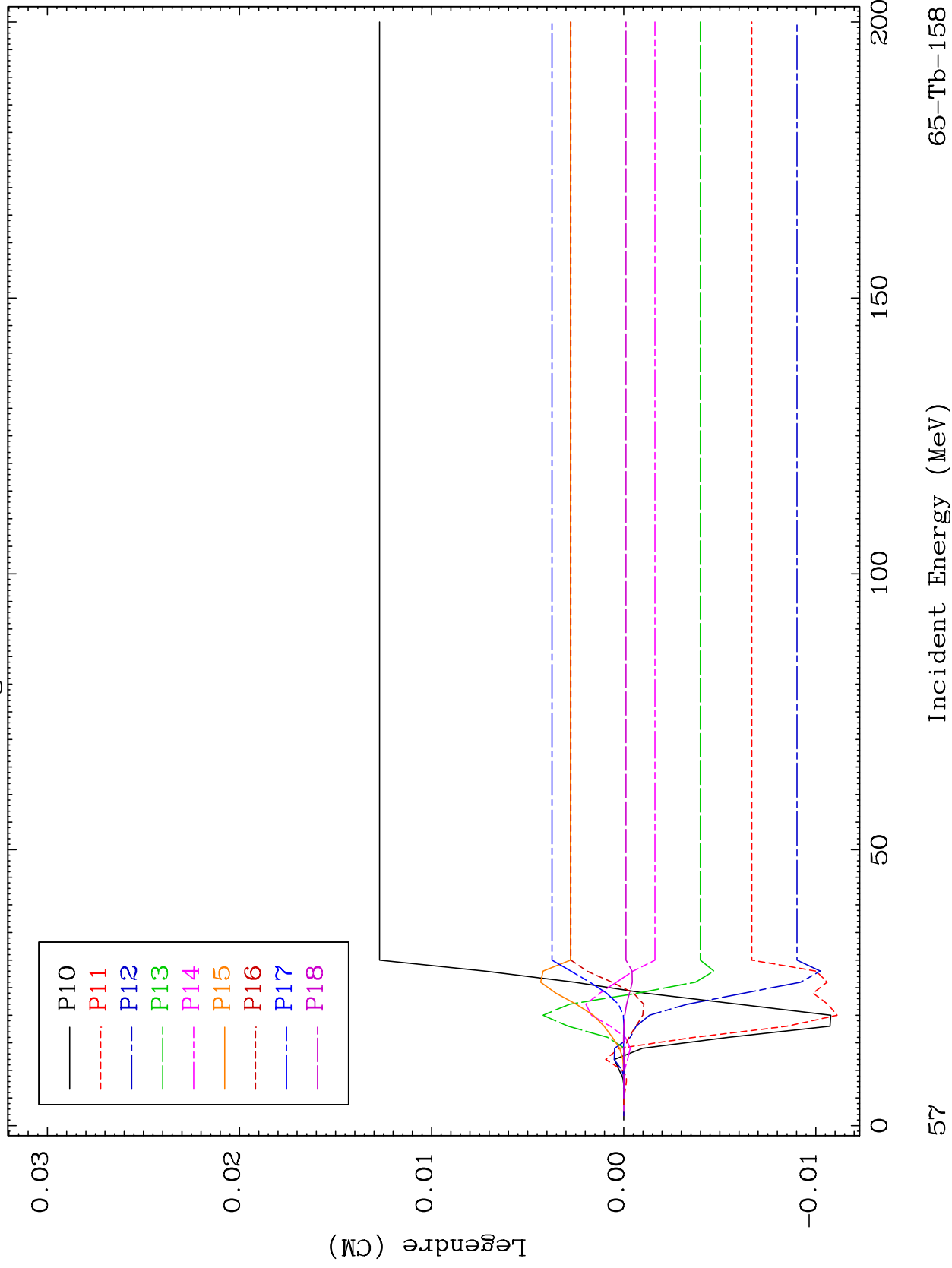
Incident Energy (MeV)

65-Tb-158

MAT 6522

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

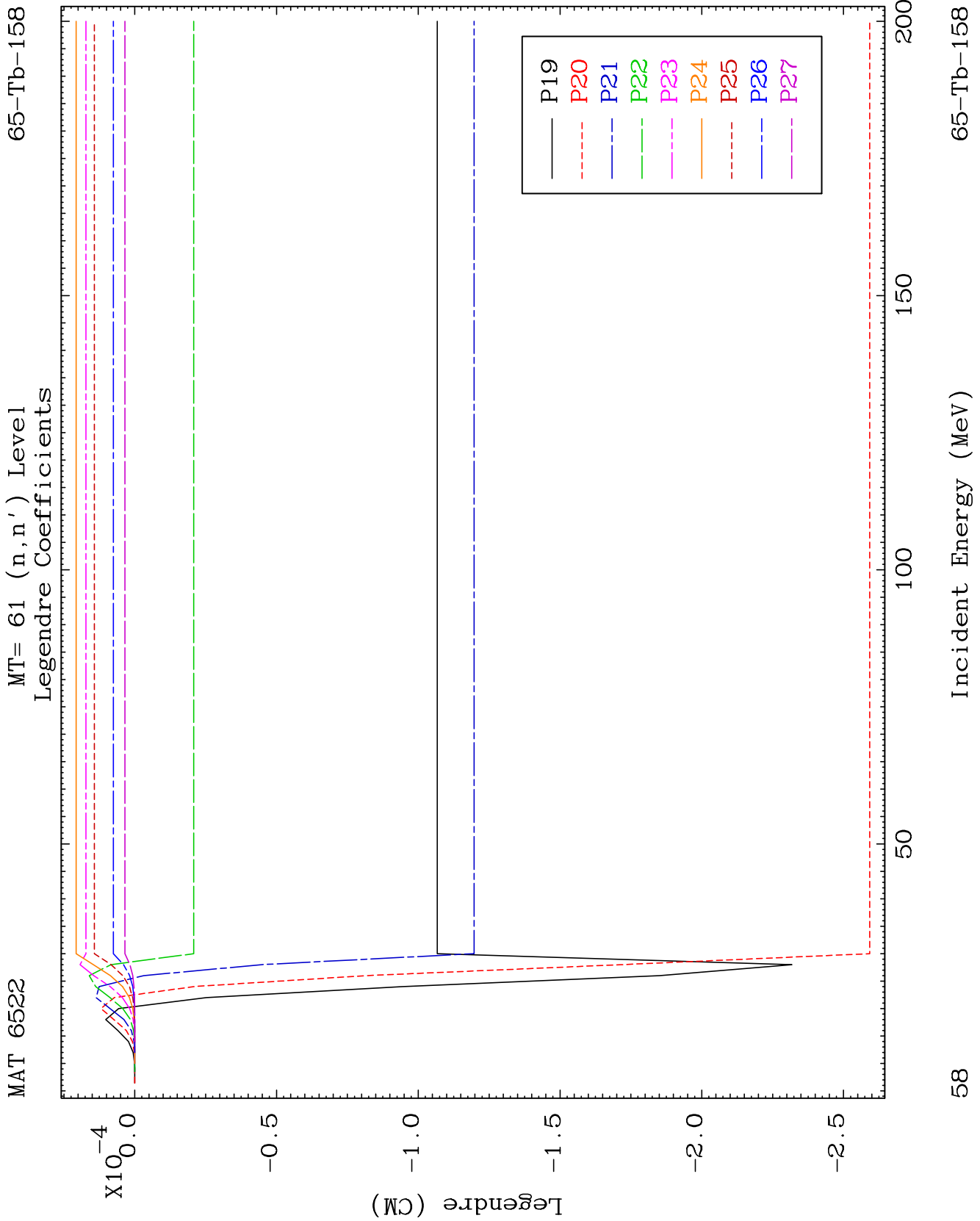
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Incident Energy (MeV)

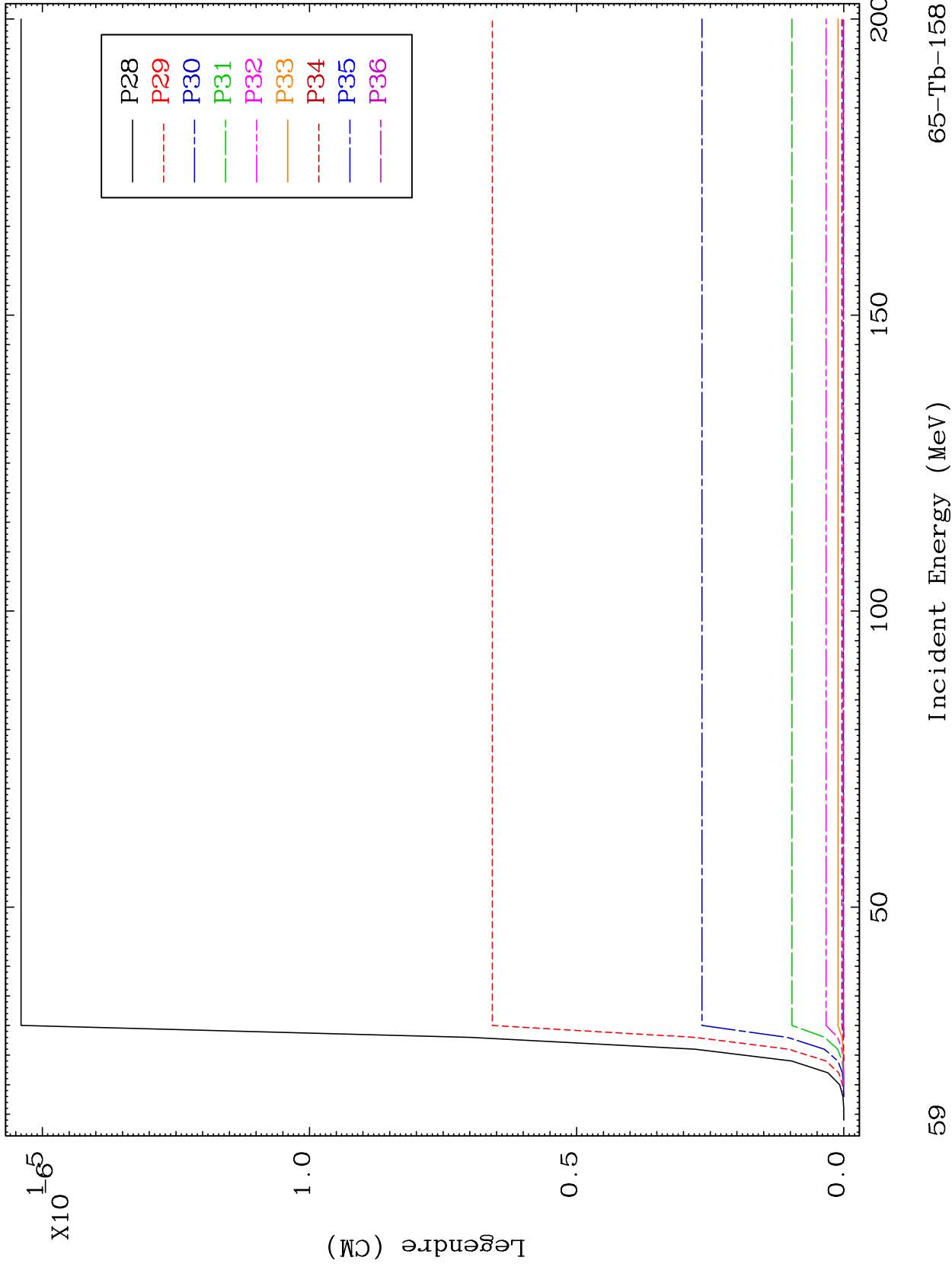
65-Tb-158



MAT 6522

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

65-Tb-158



59

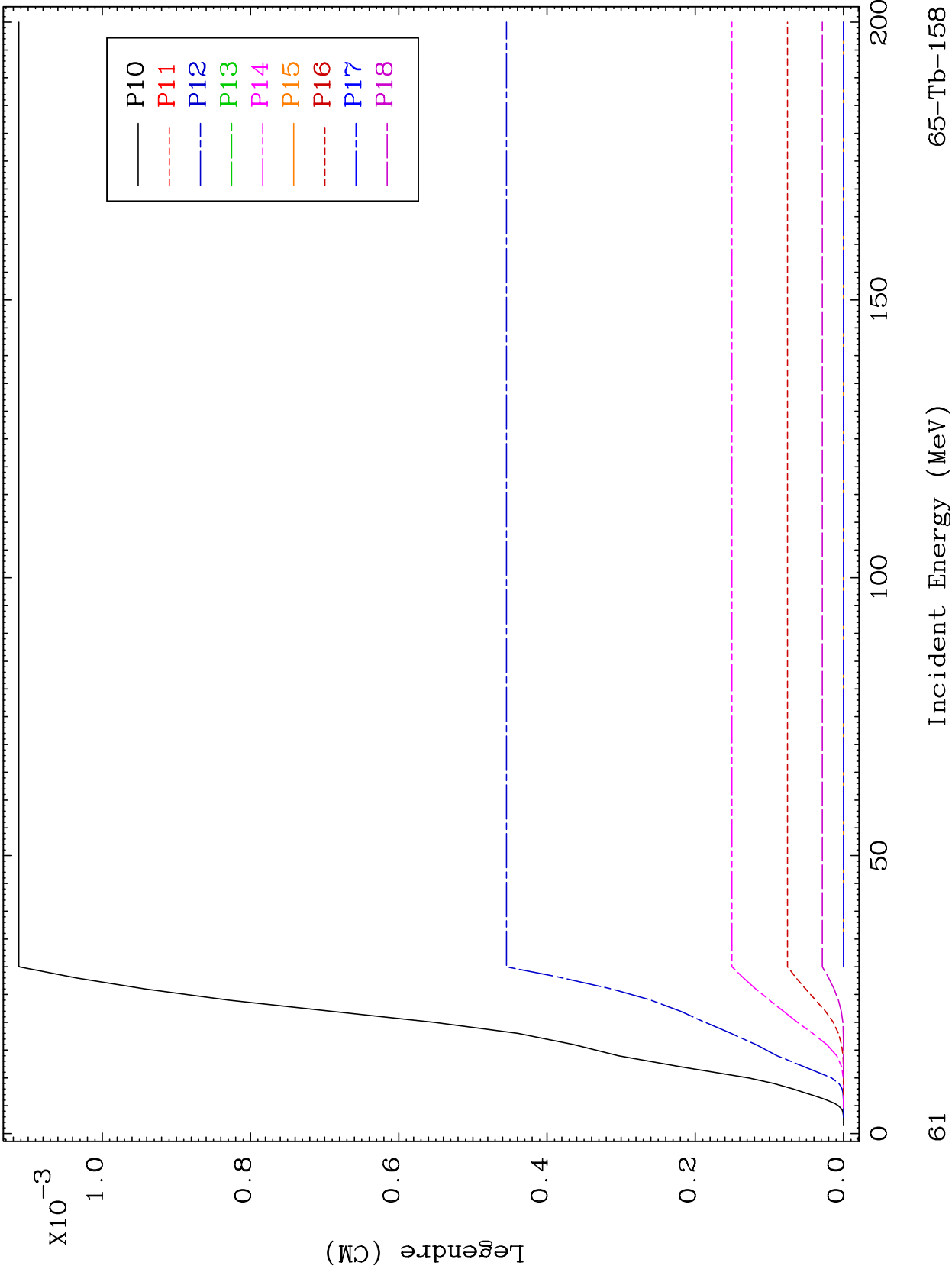
Incident Energy (MeV)

65-Tb-158

MAT 6522

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

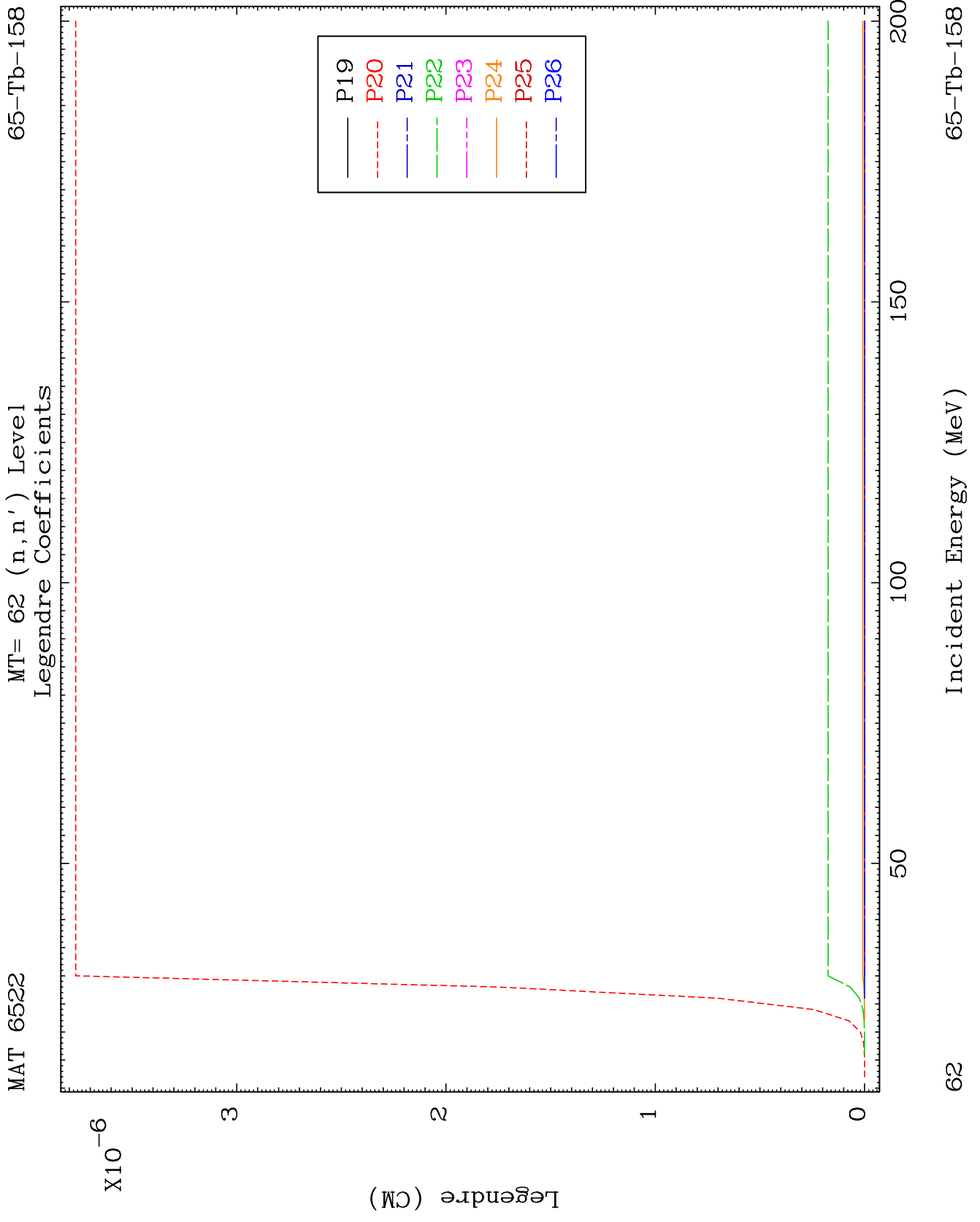
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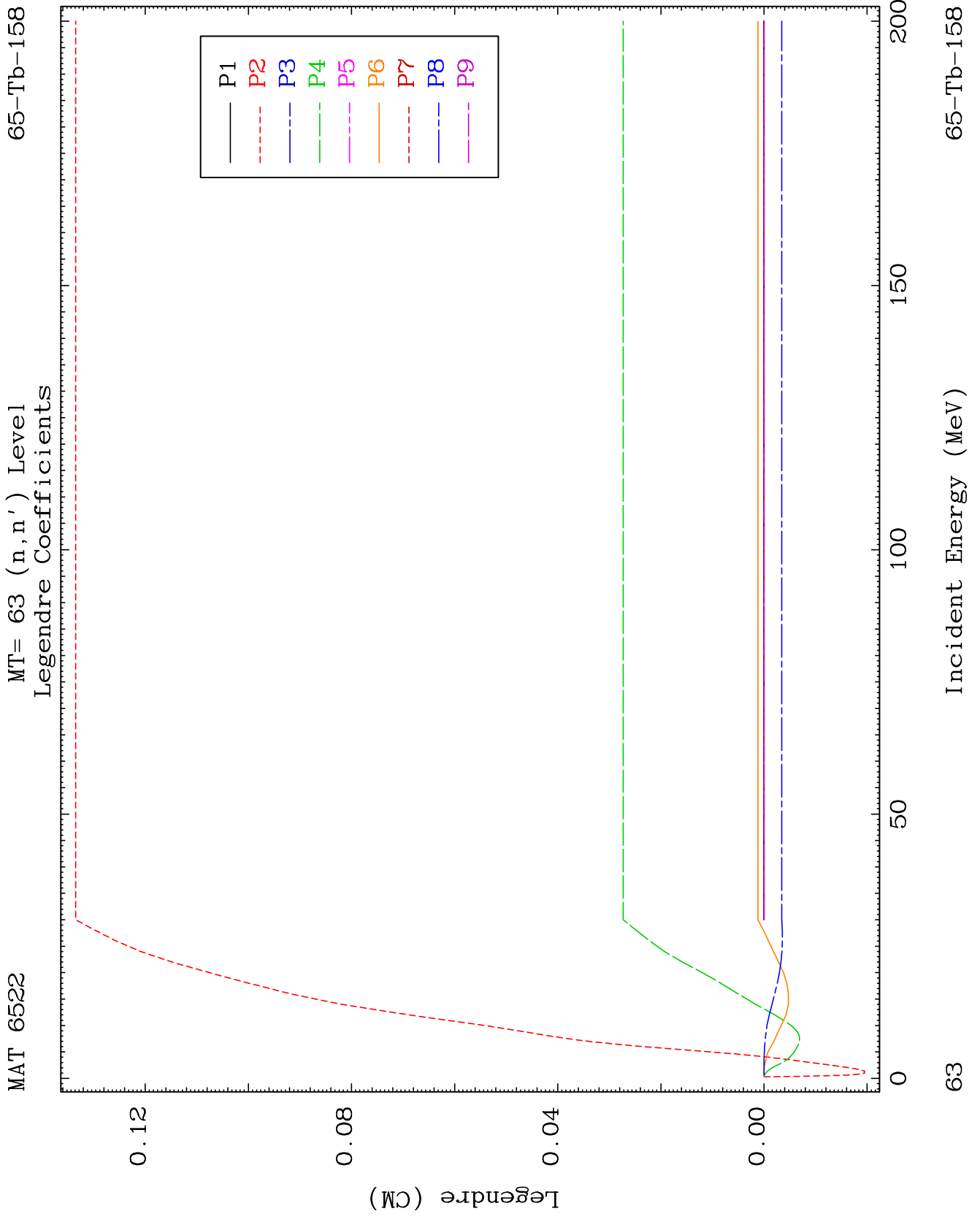


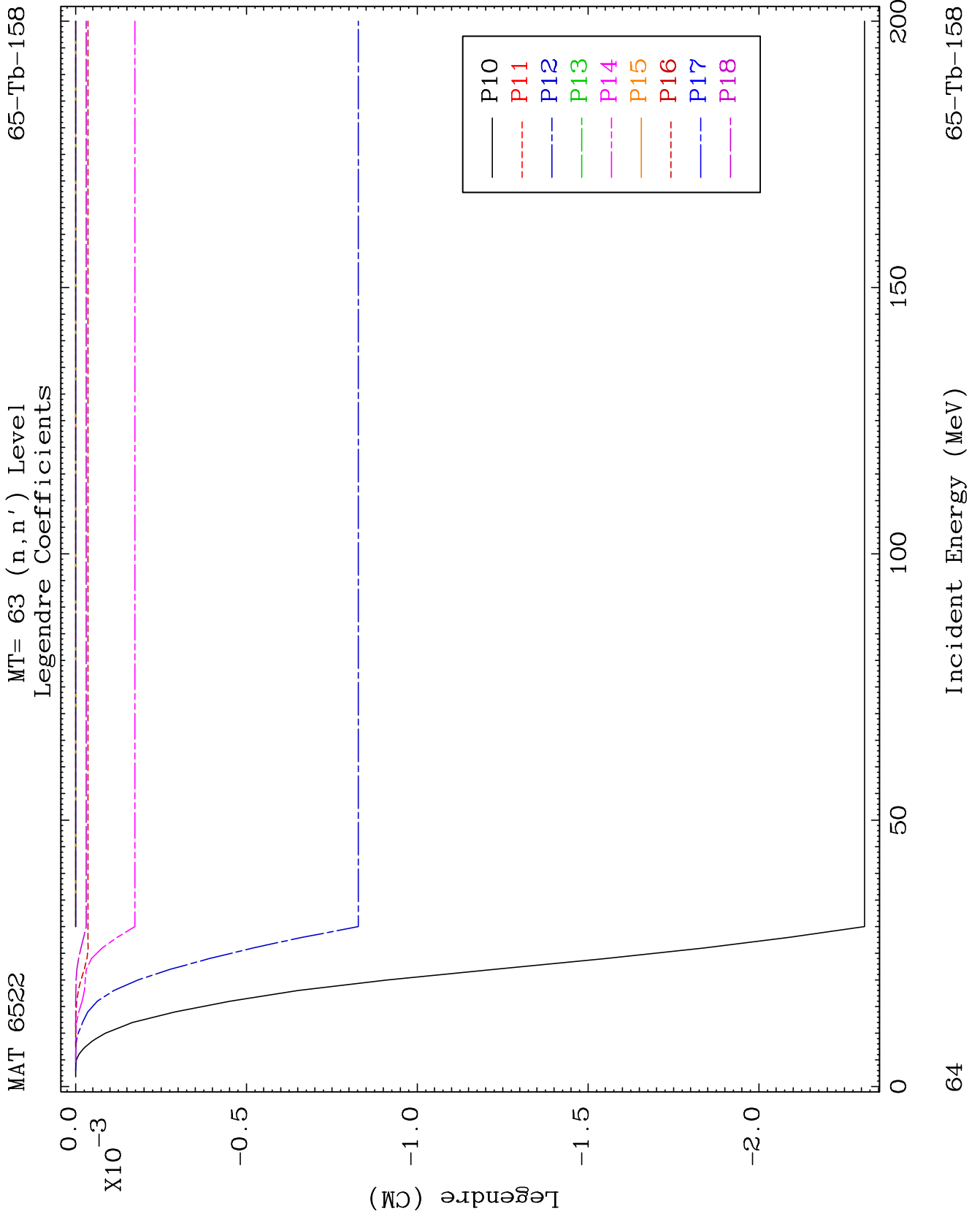
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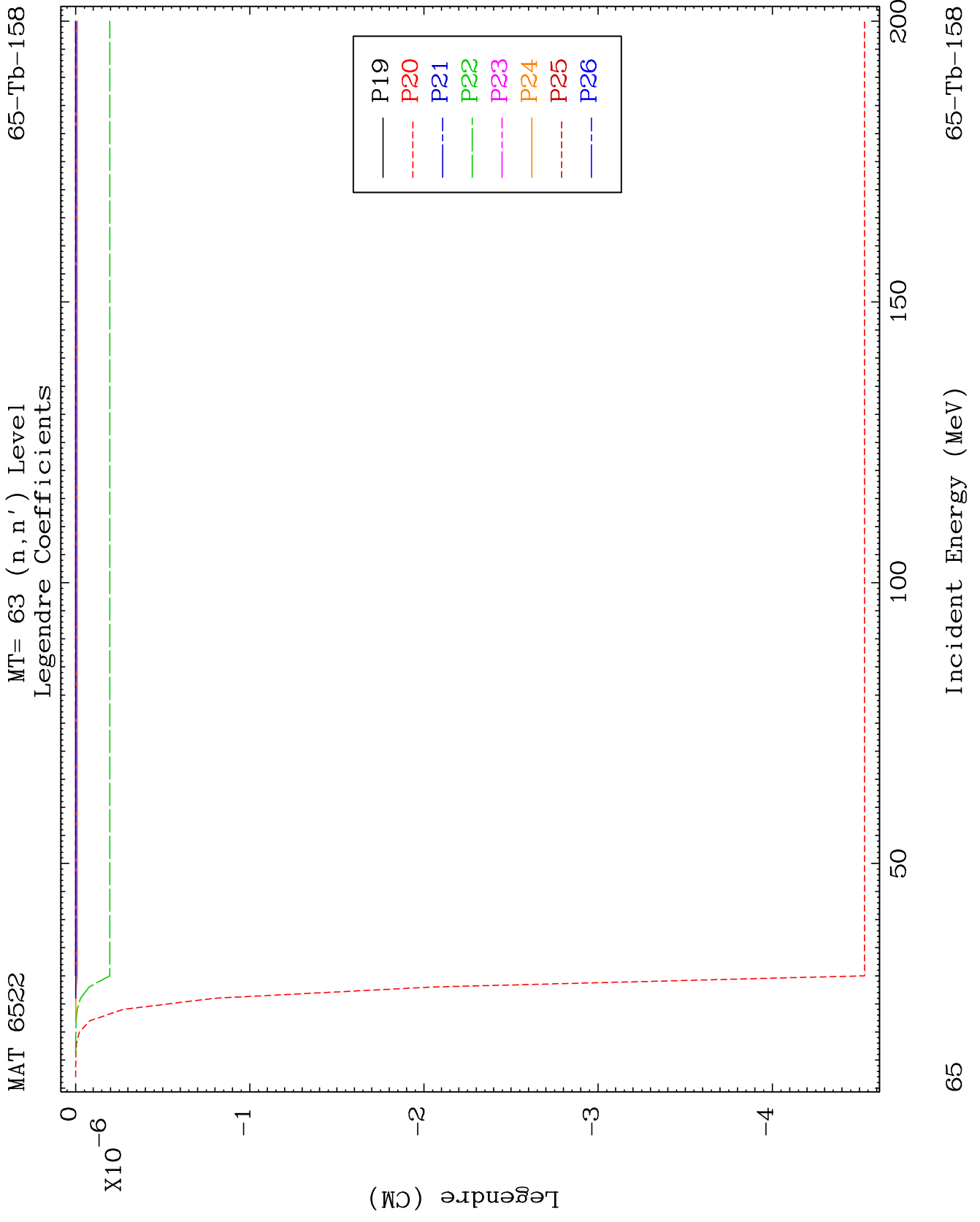
Incident Energy (MeV)

65-Tb-158





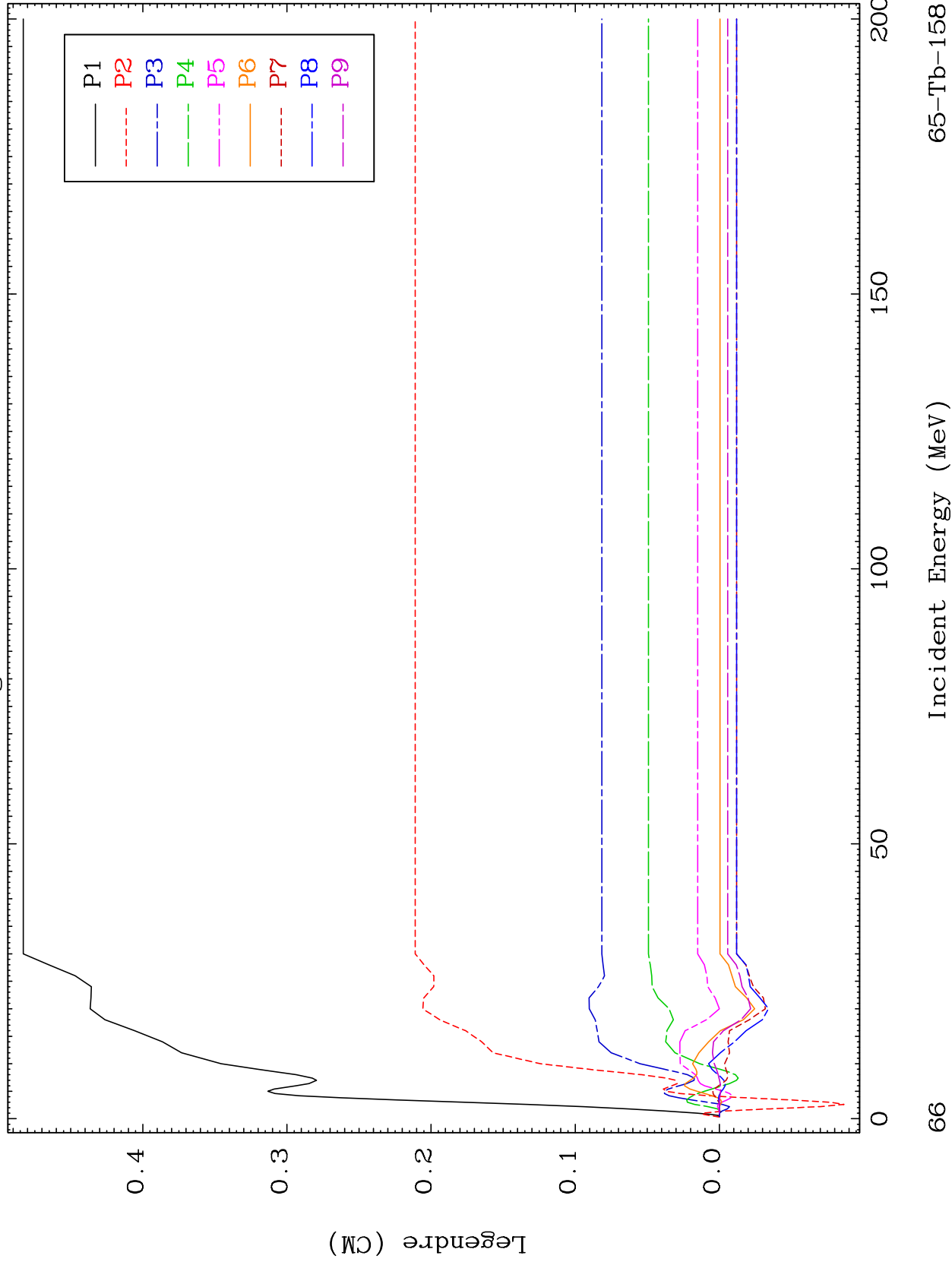




MAT 6522

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

65-Tb-158



65-Tb-158

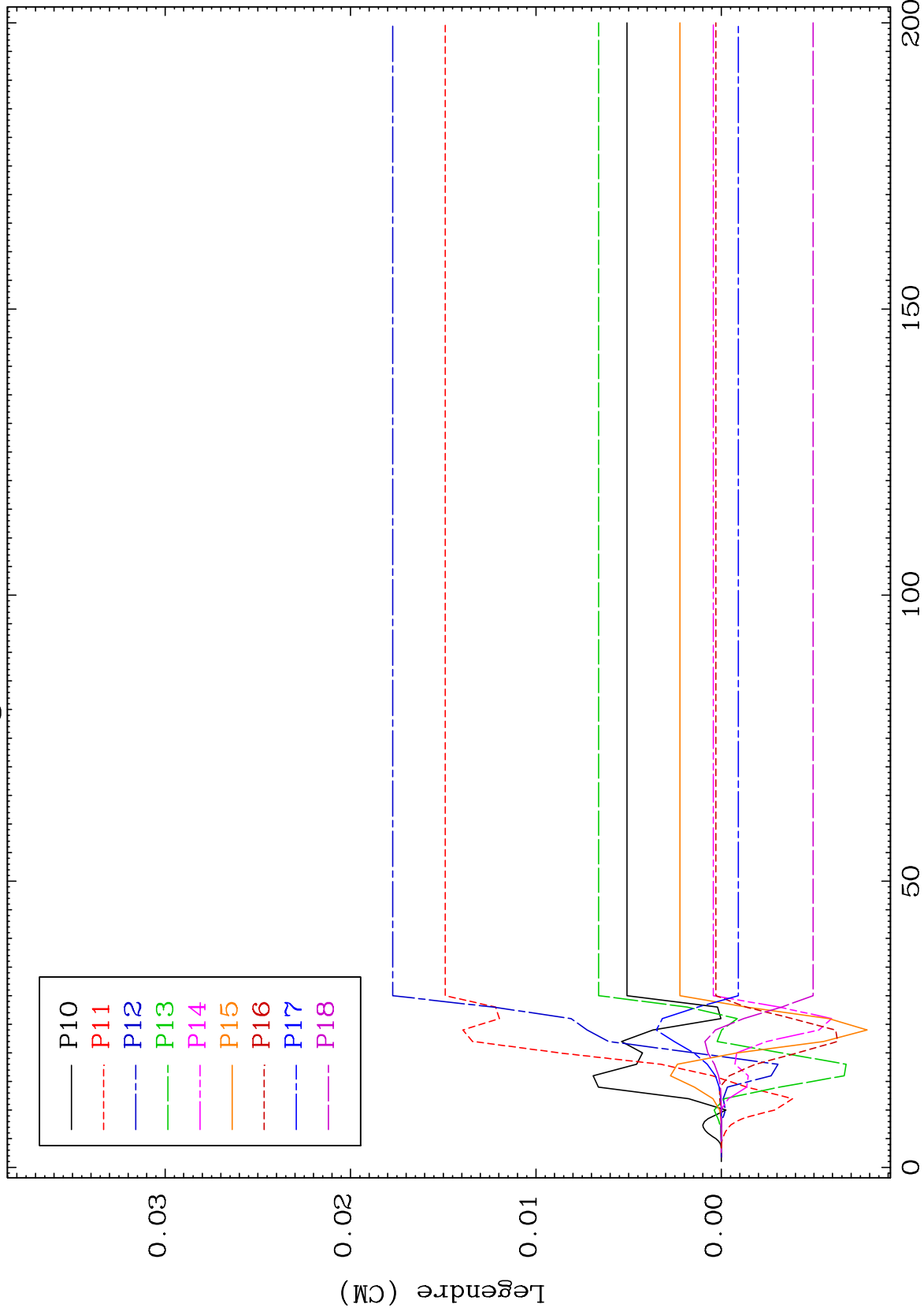
Incident Energy (MeV)

66

MAT 6522

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

65-Tb-158



67

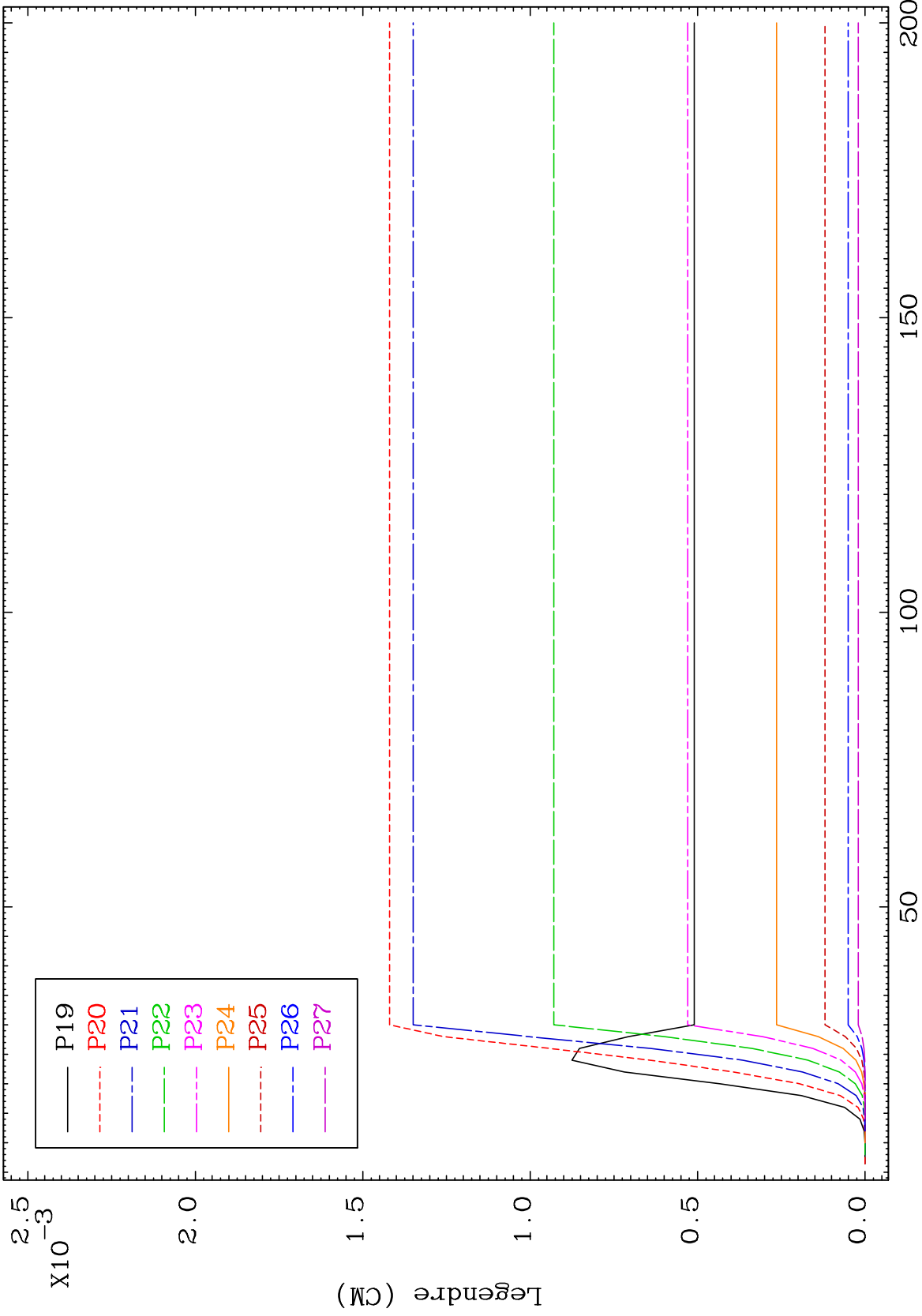
Incident Energy (MeV)

65-Tb-158

MAT 65222

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

65-Tb-158



68

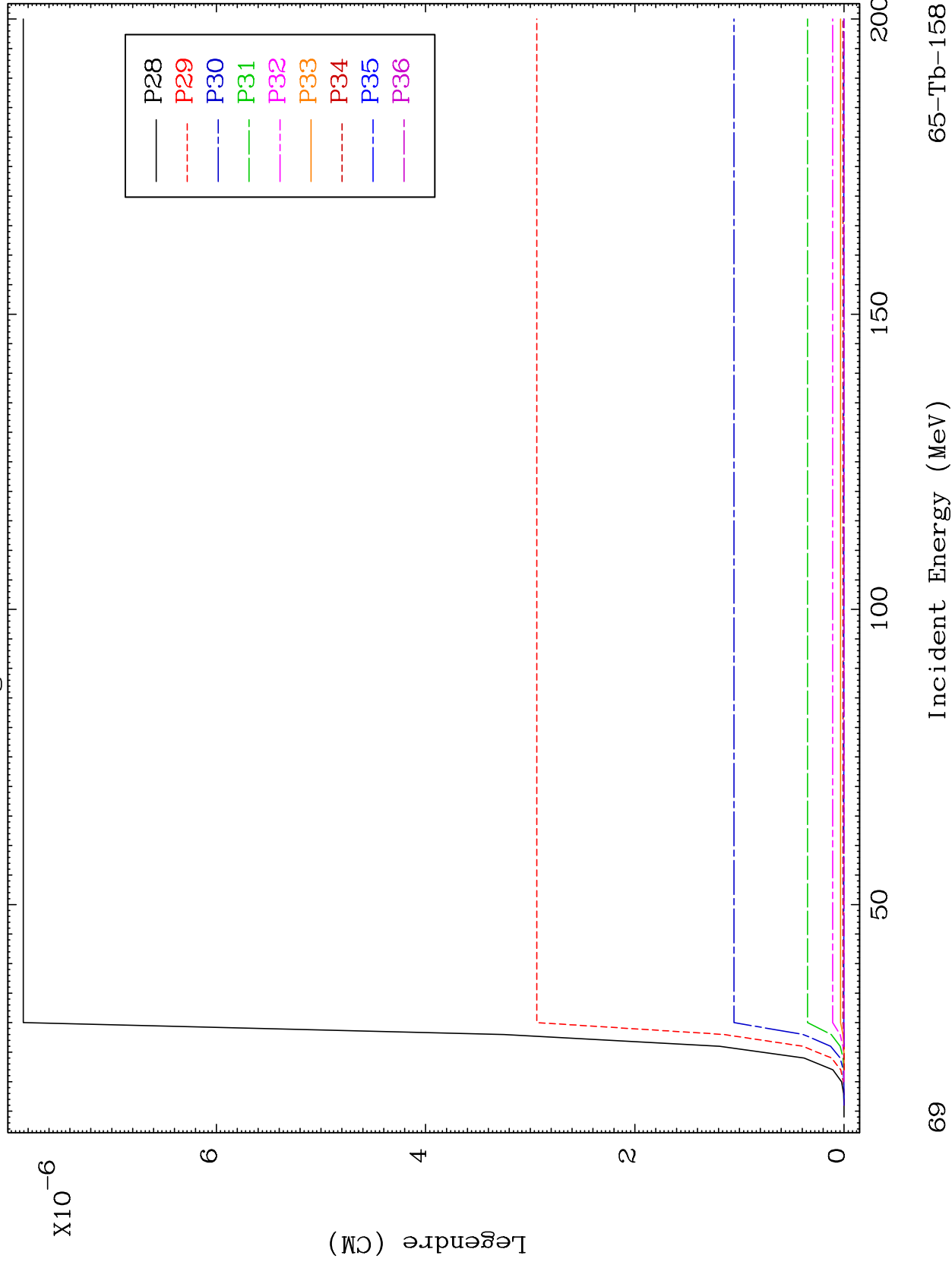
Incident Energy (MeV)

65-Tb-158

MAT 6522

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

65-Tb-158



69

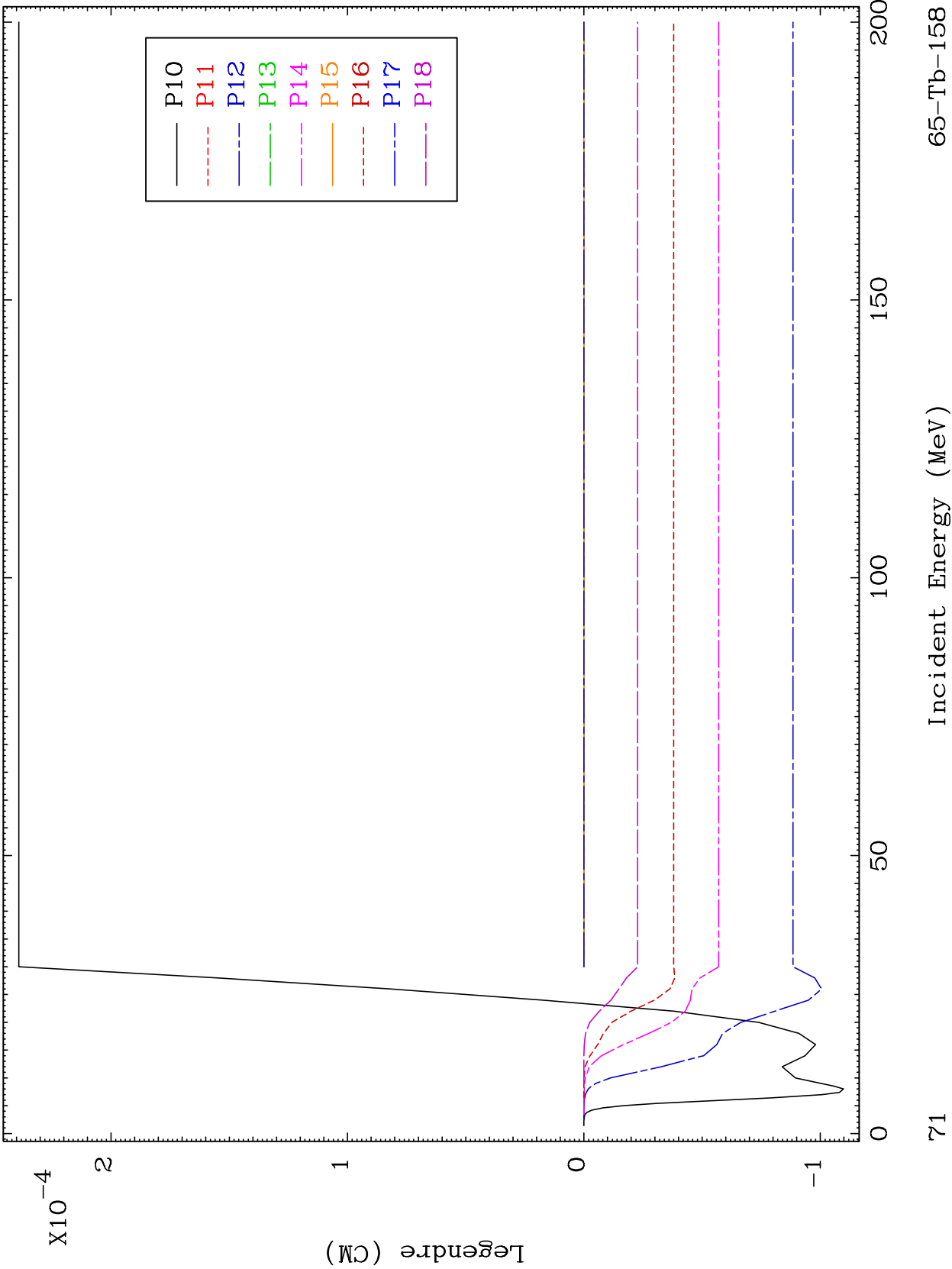
Incident Energy (MeV)

65-Tb-158

MAT 6522

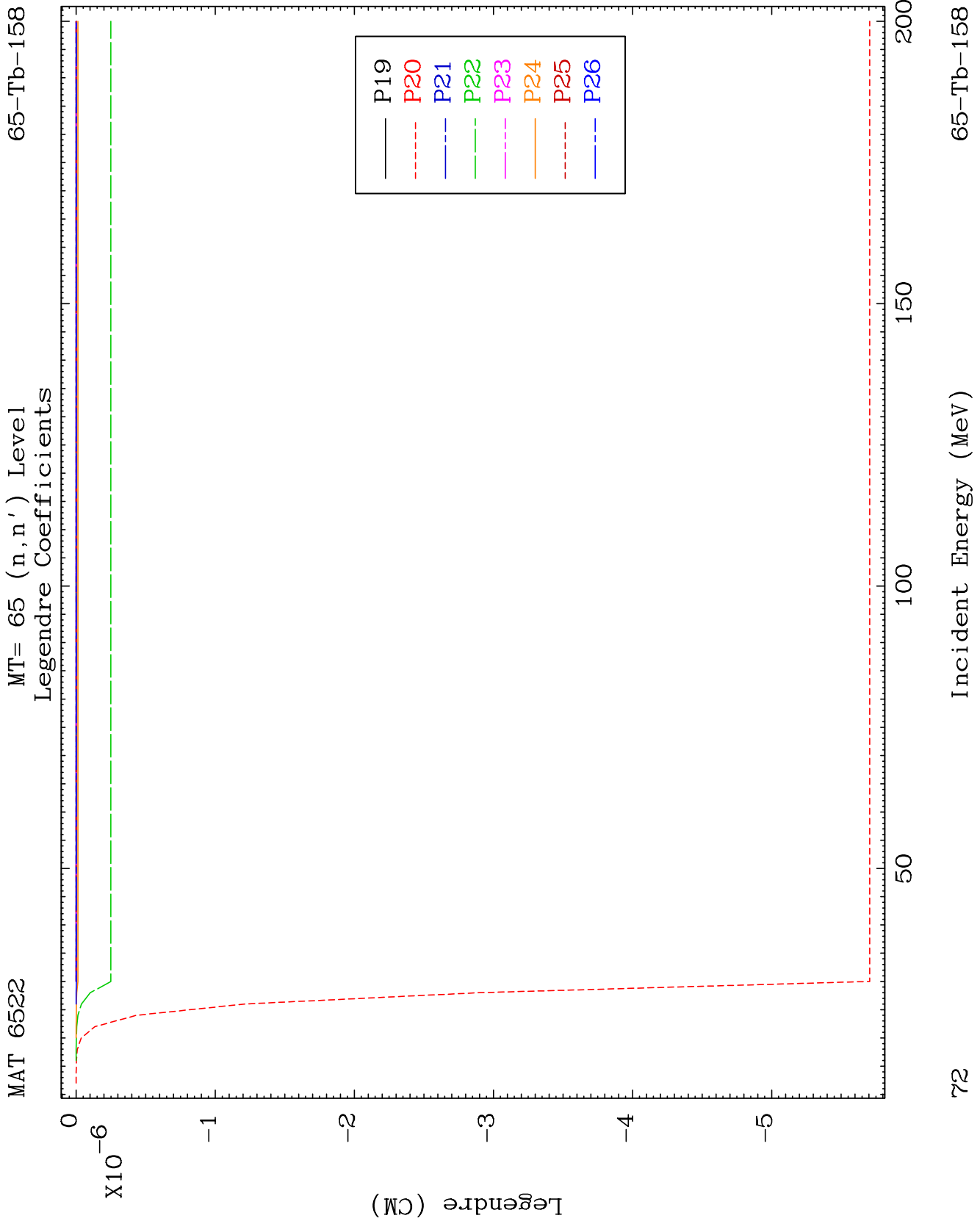
MT= 65 (n,n') Level
Legendre Coefficients

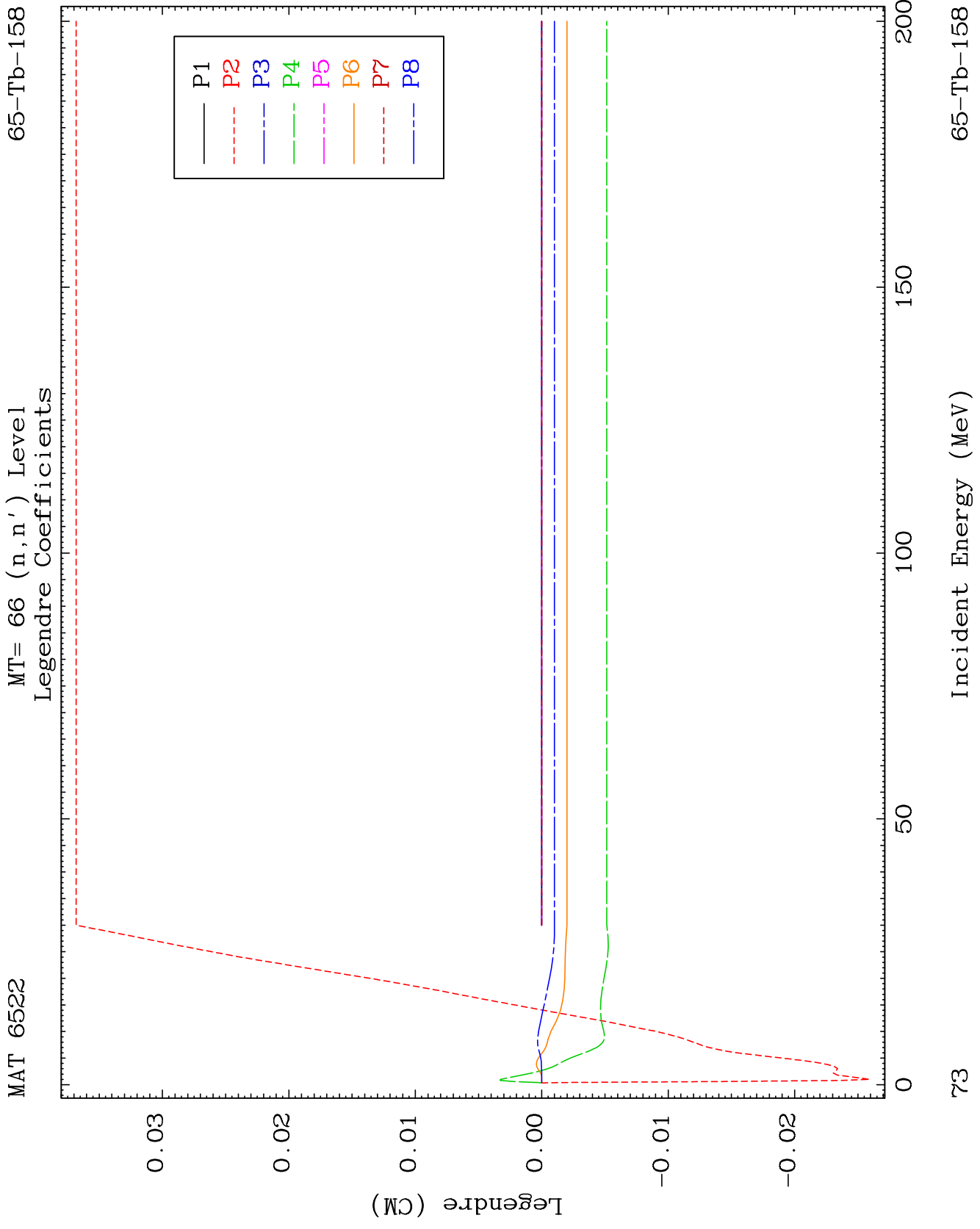
65-Tb-158



71

65-Tb-158

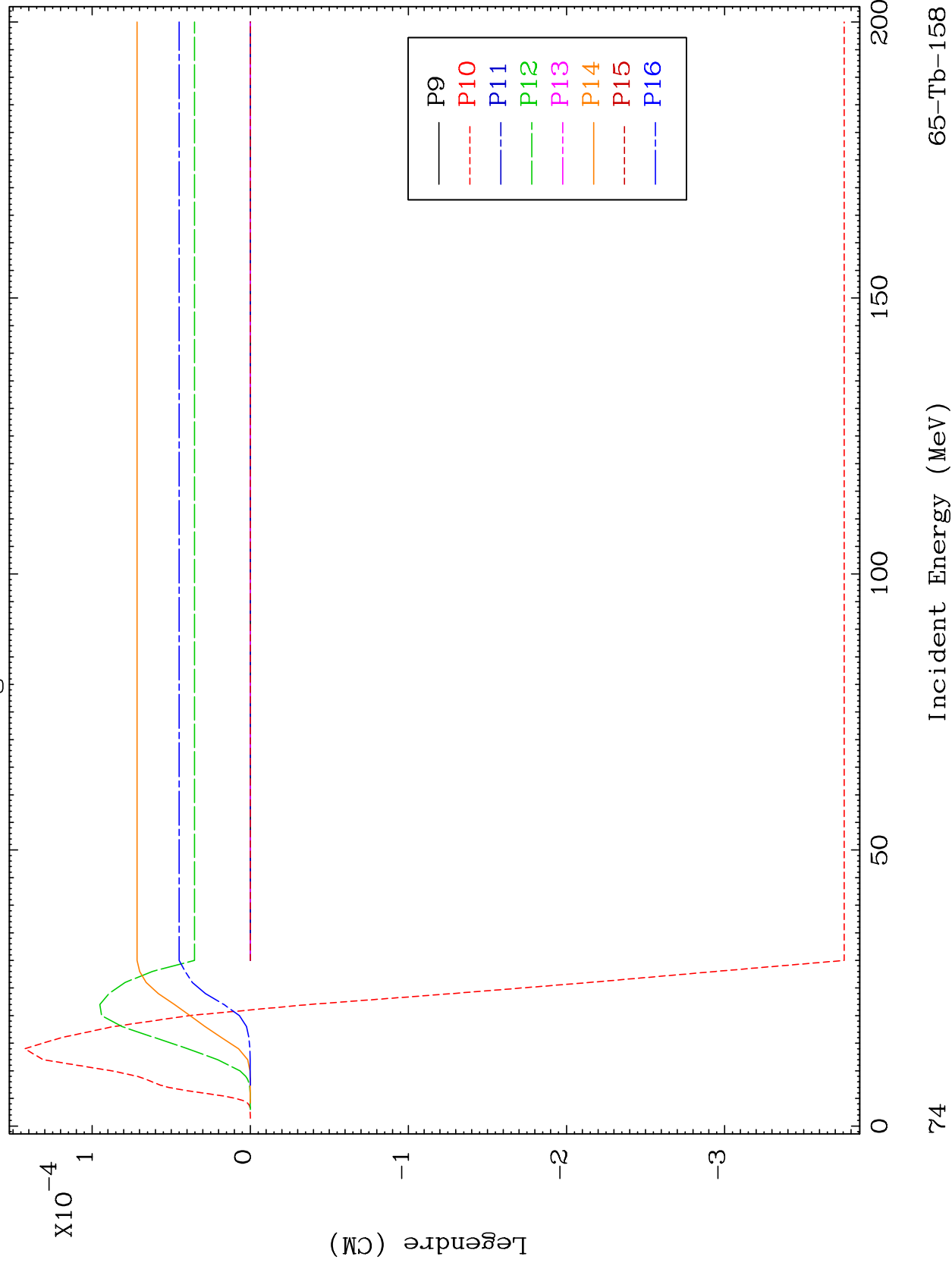




MAT 6522

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

65-Tb-158



74

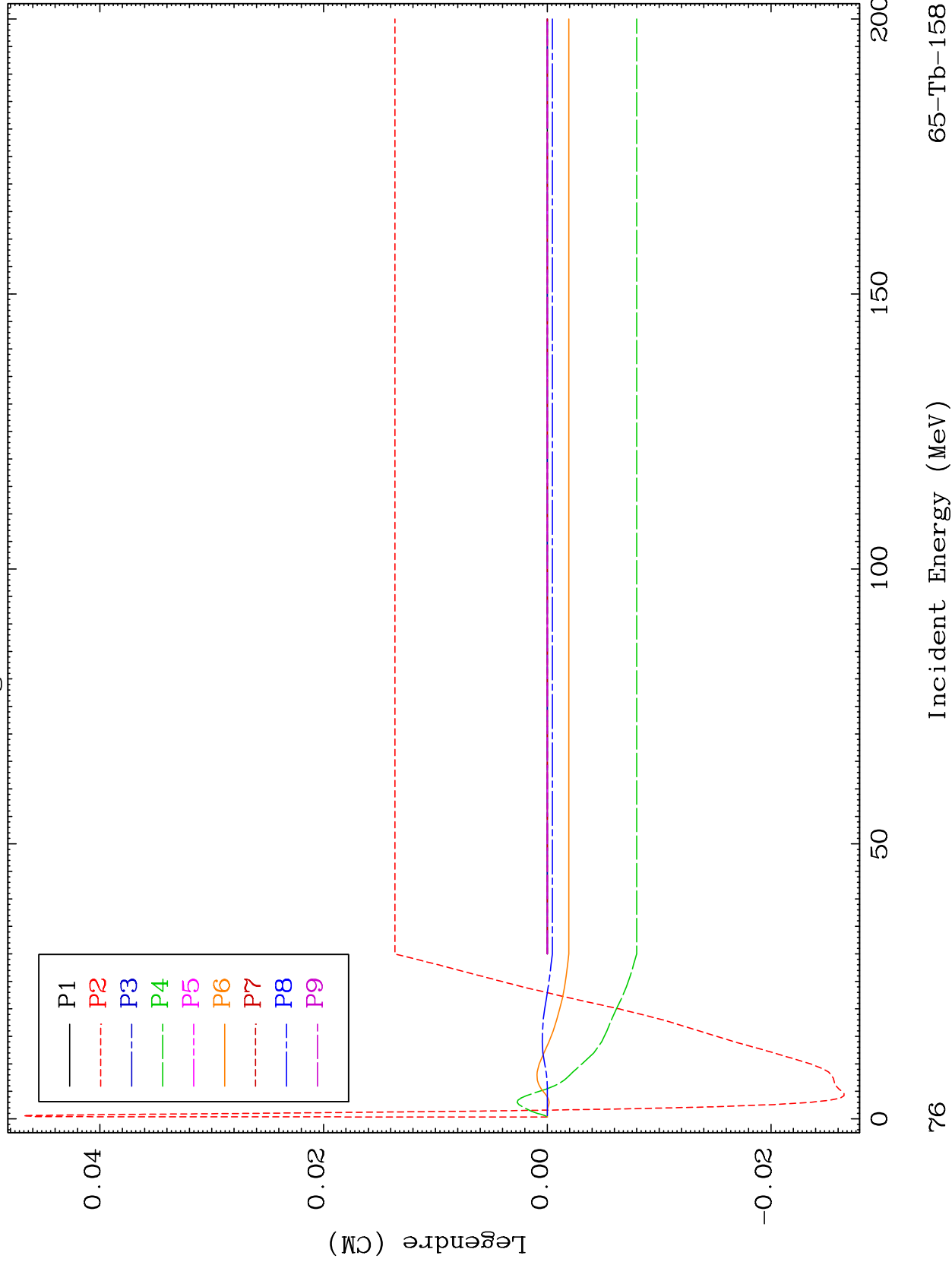
Incident Energy (MeV)

65-Tb-158

MAT 65222

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

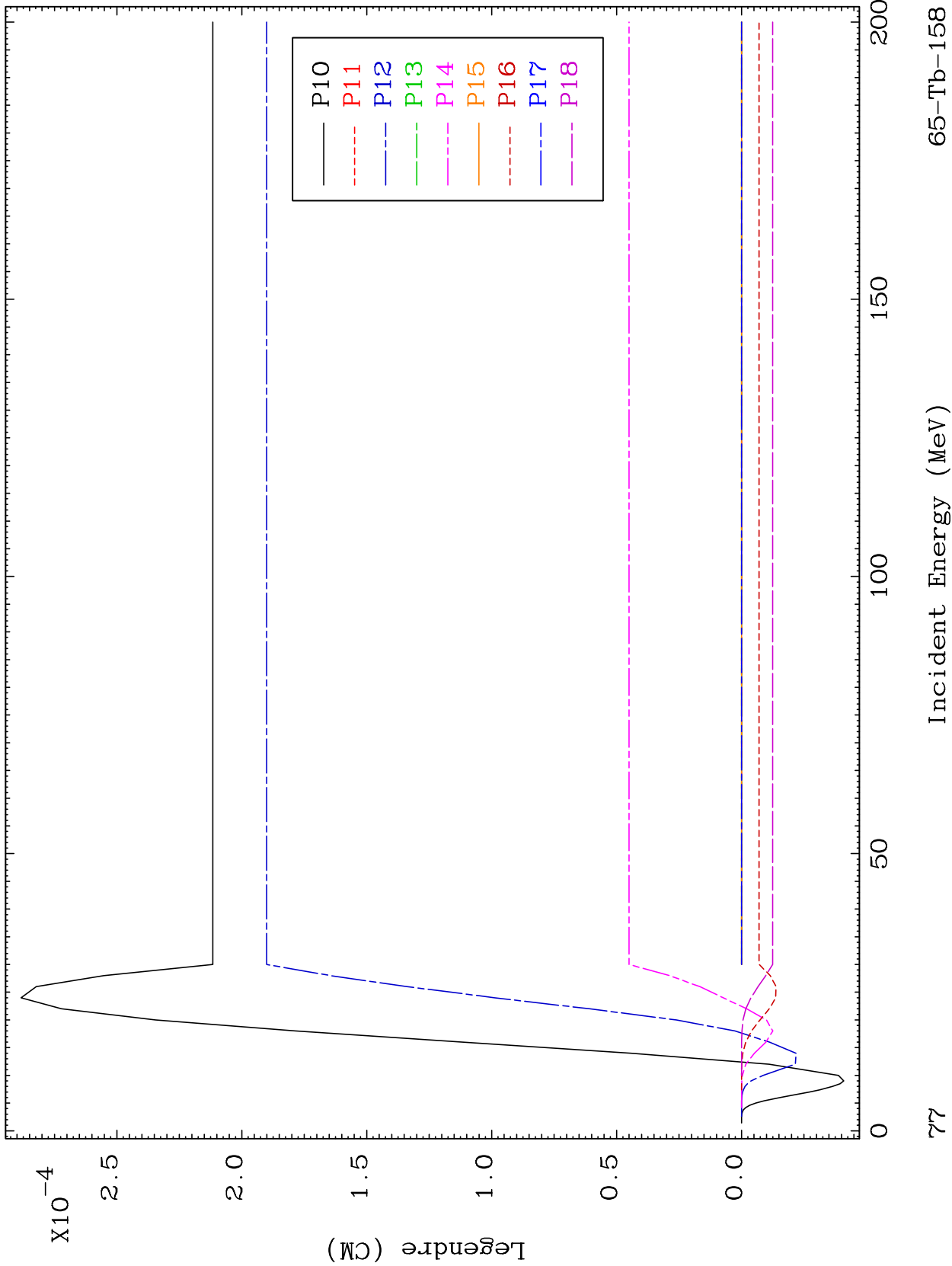
65-Tb-158

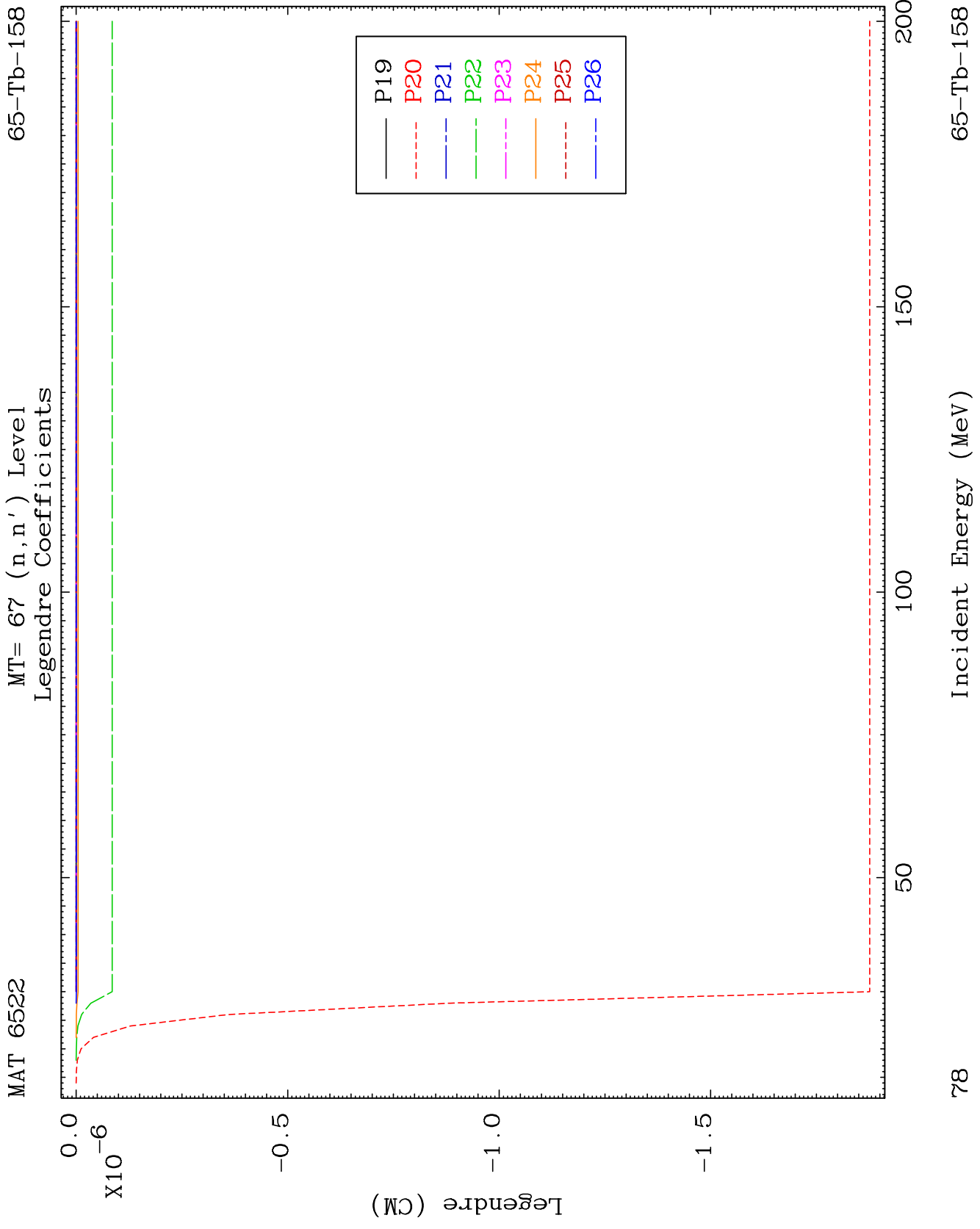


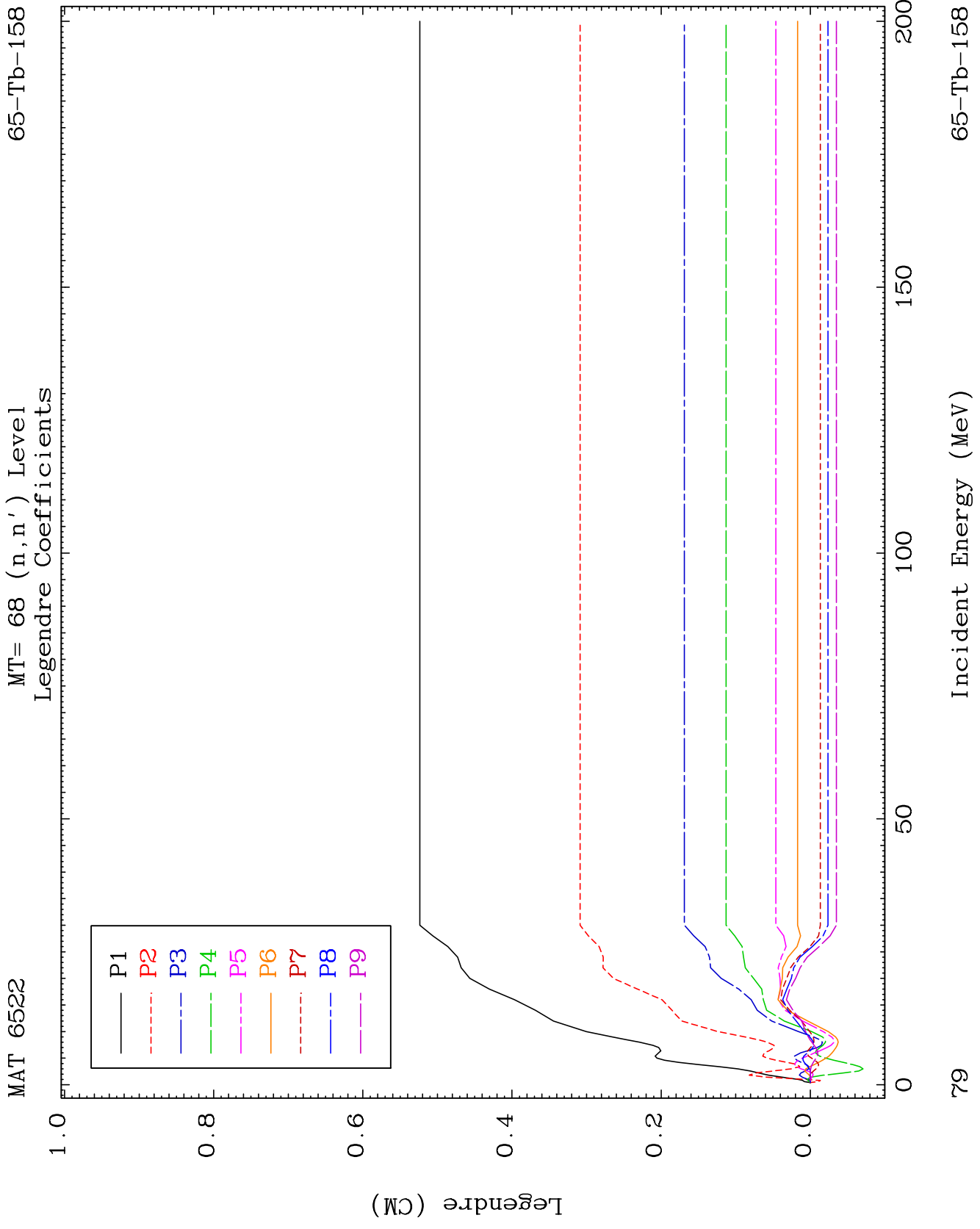
MAT 6522

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

65-Tb-158



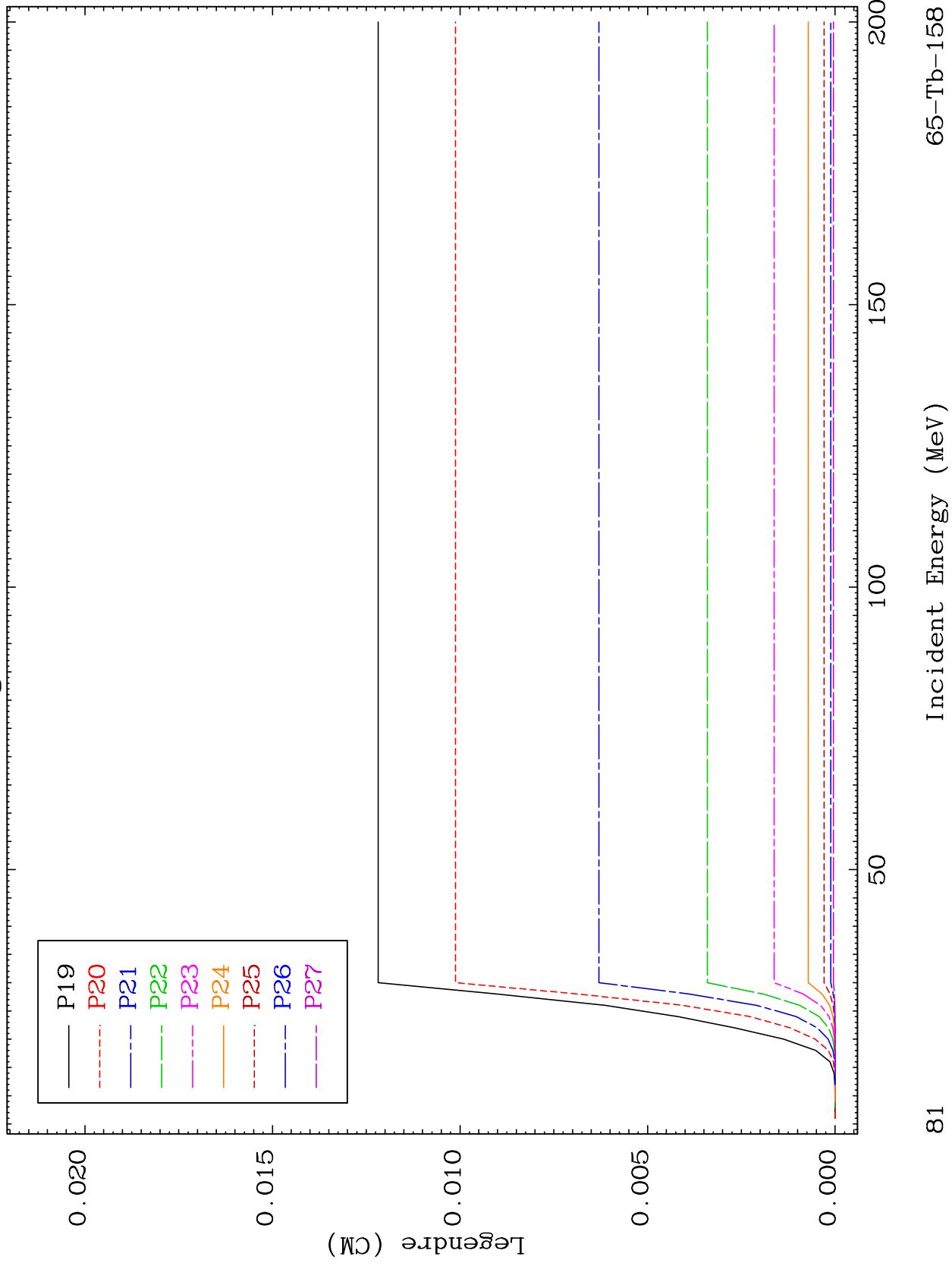




MAT 6522

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

65-Tb-158

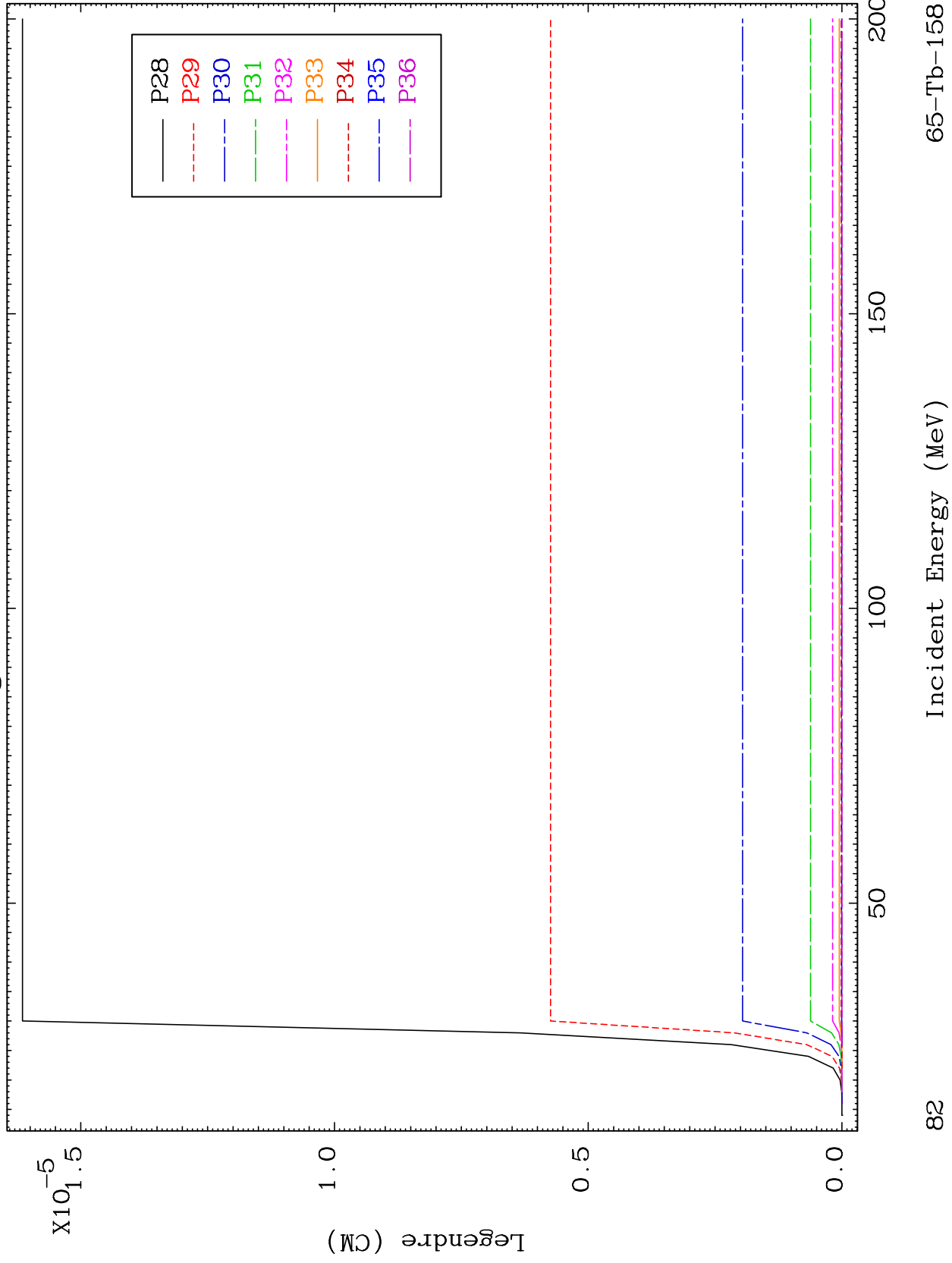


81

MAT 6522

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

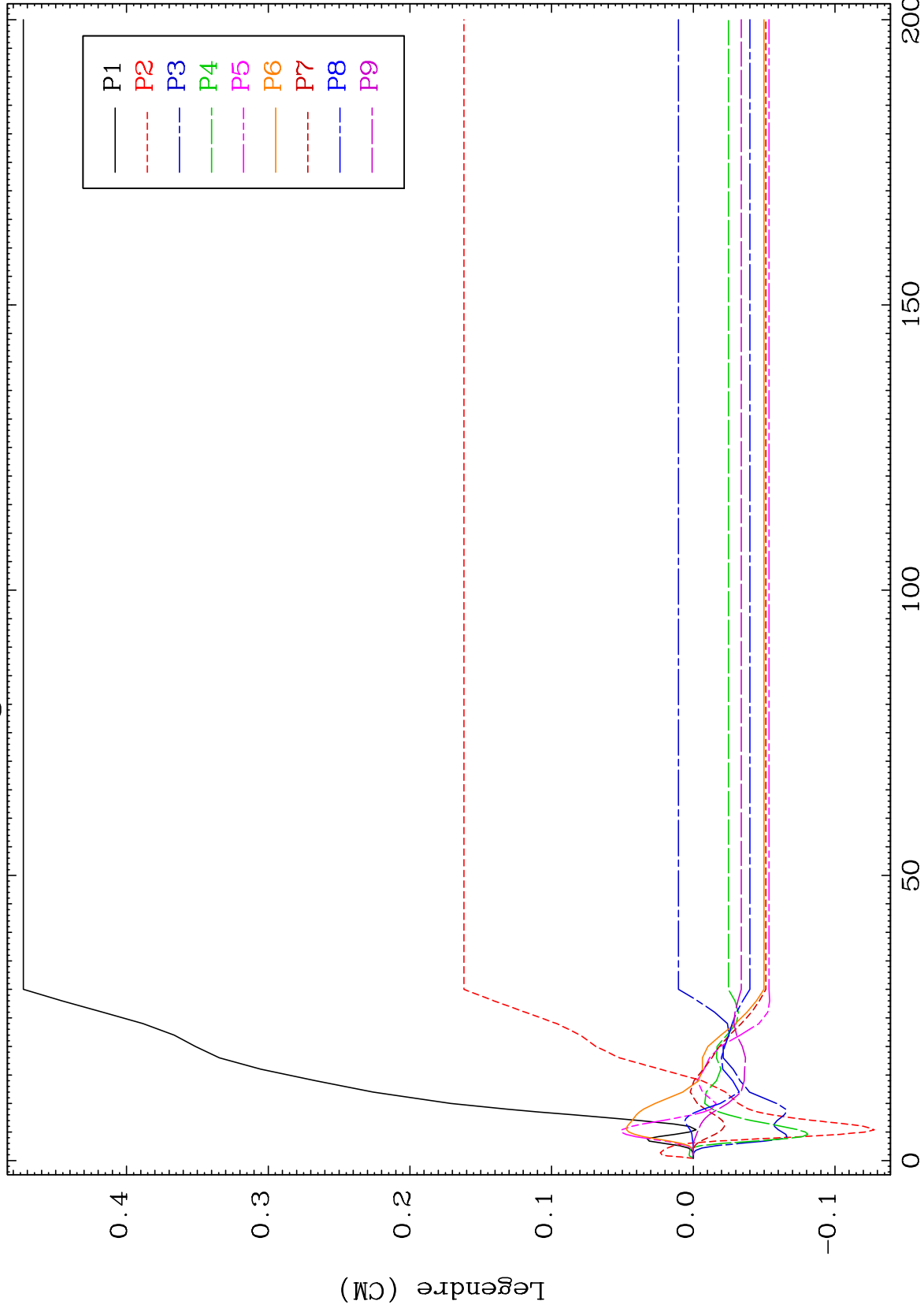
65-Tb-158



MAT 6522

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

65-Tb-158



83

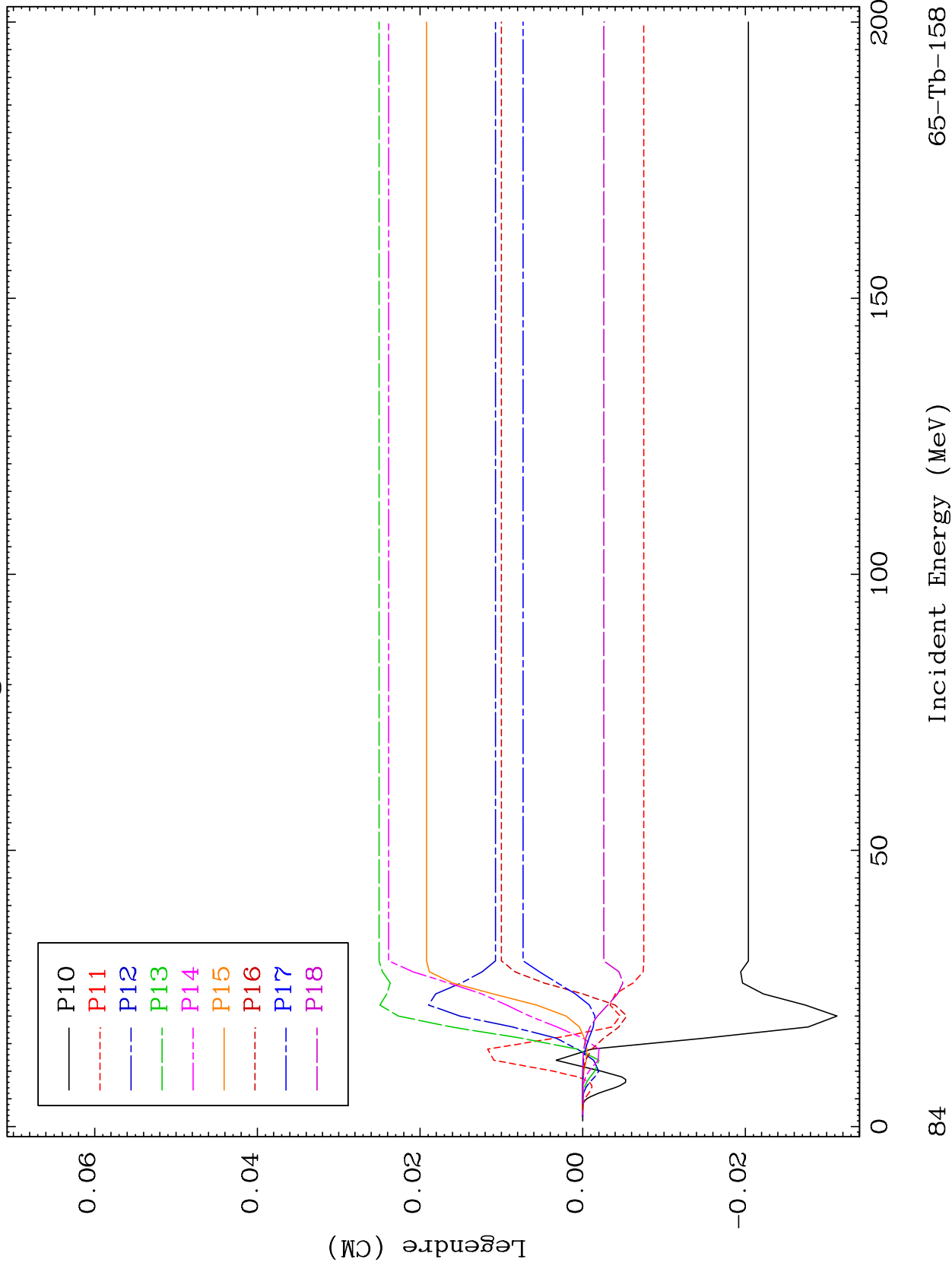
Incident Energy (MeV)

65-Tb-158

MAT 65222

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

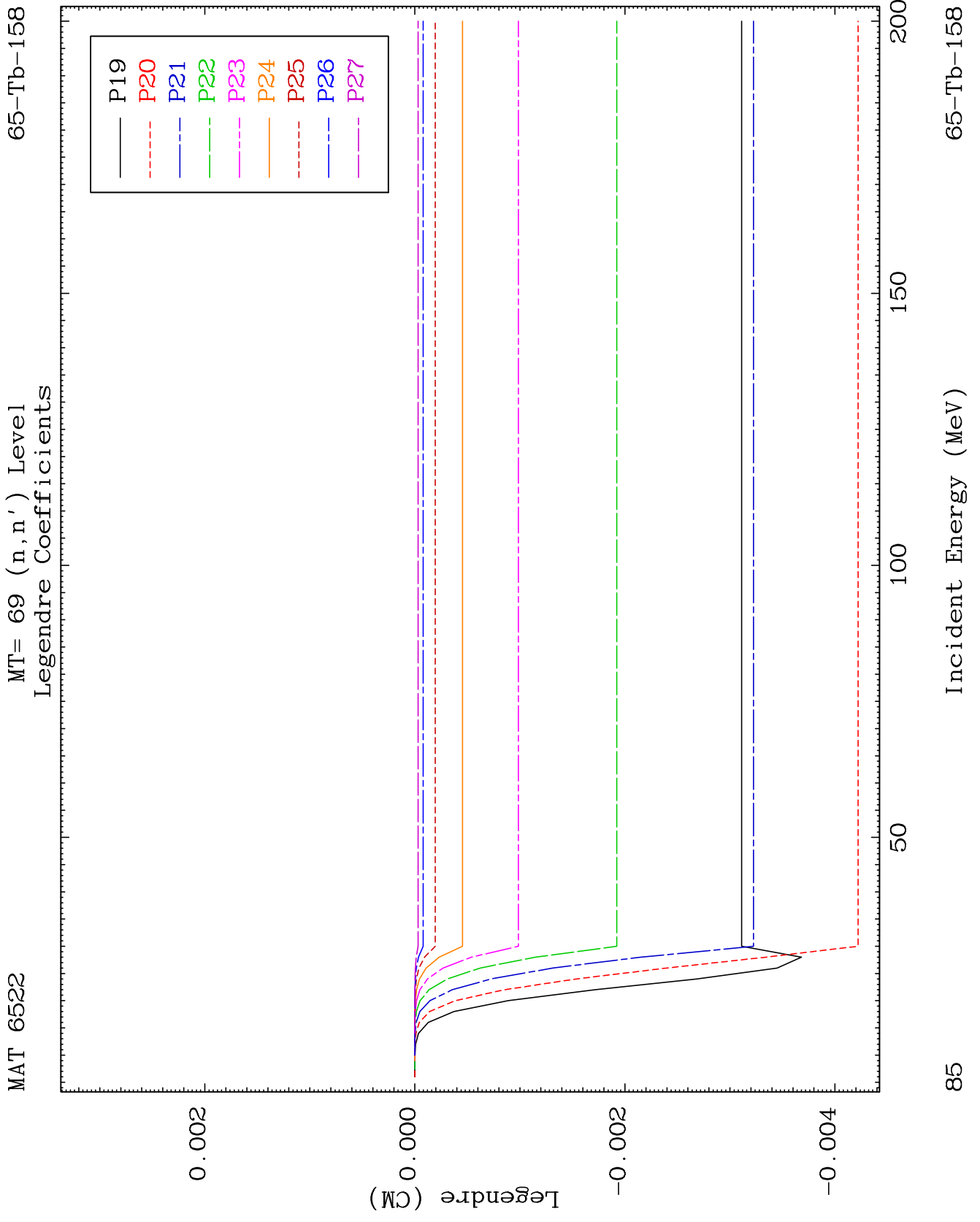
65-Tb-158

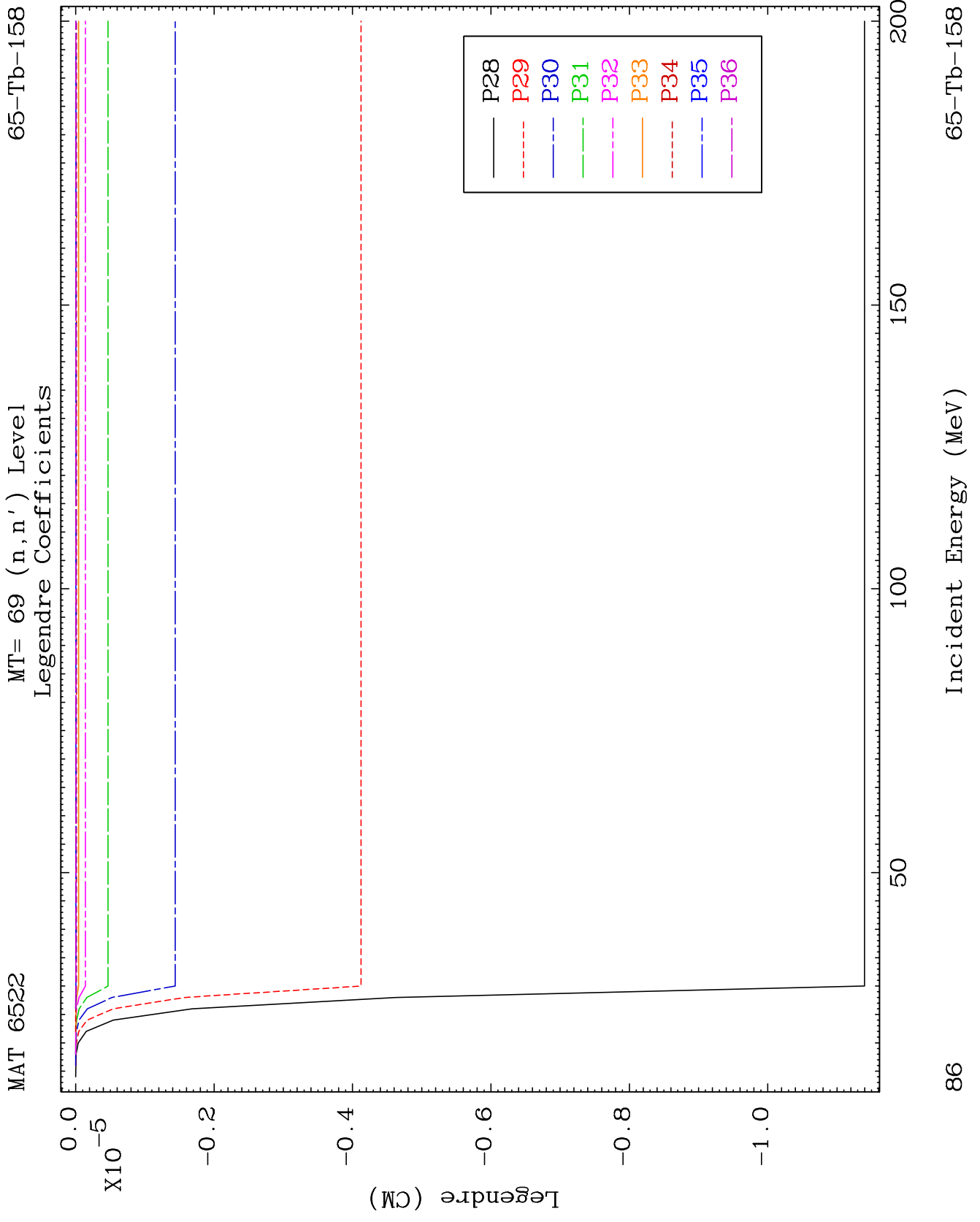


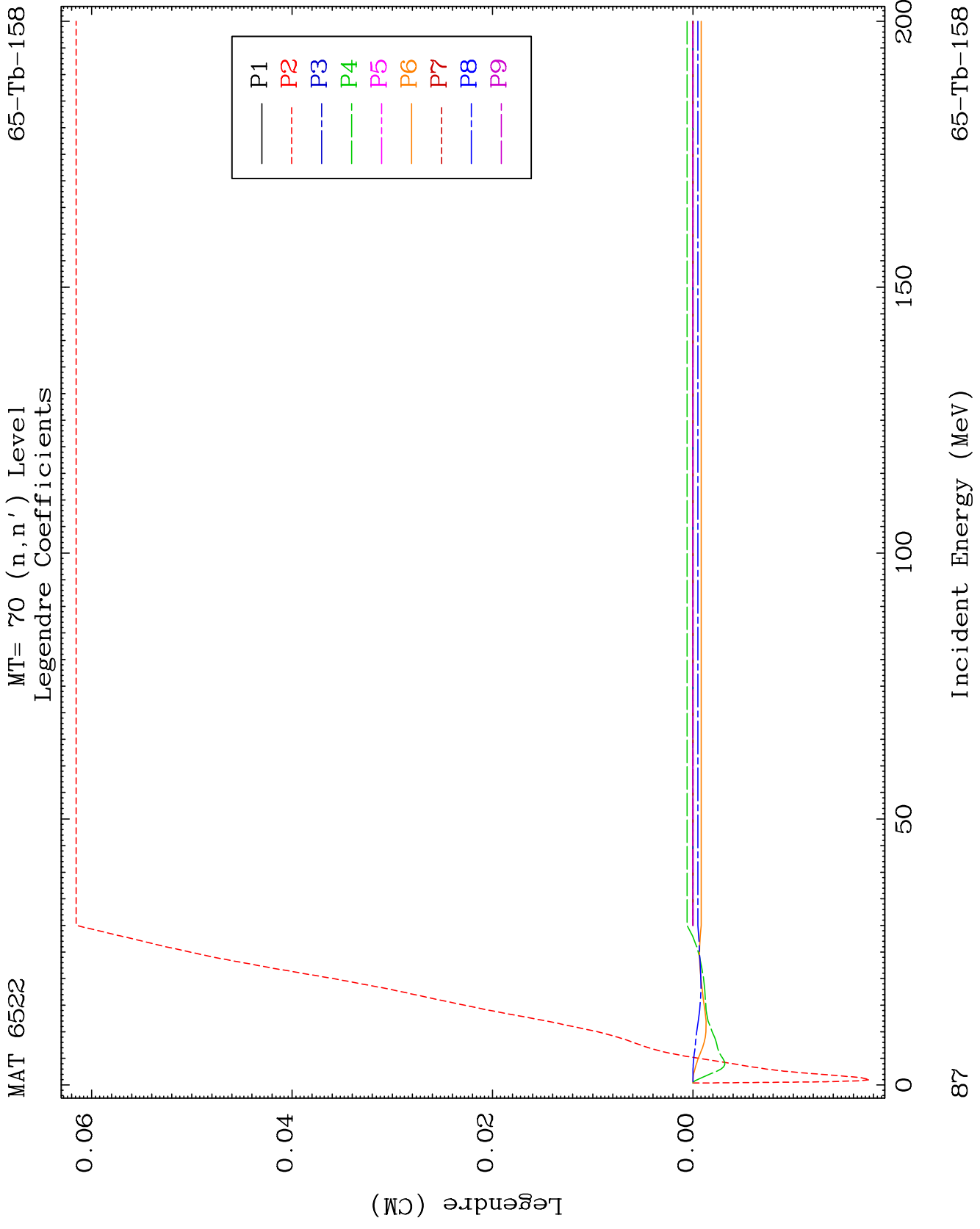
84

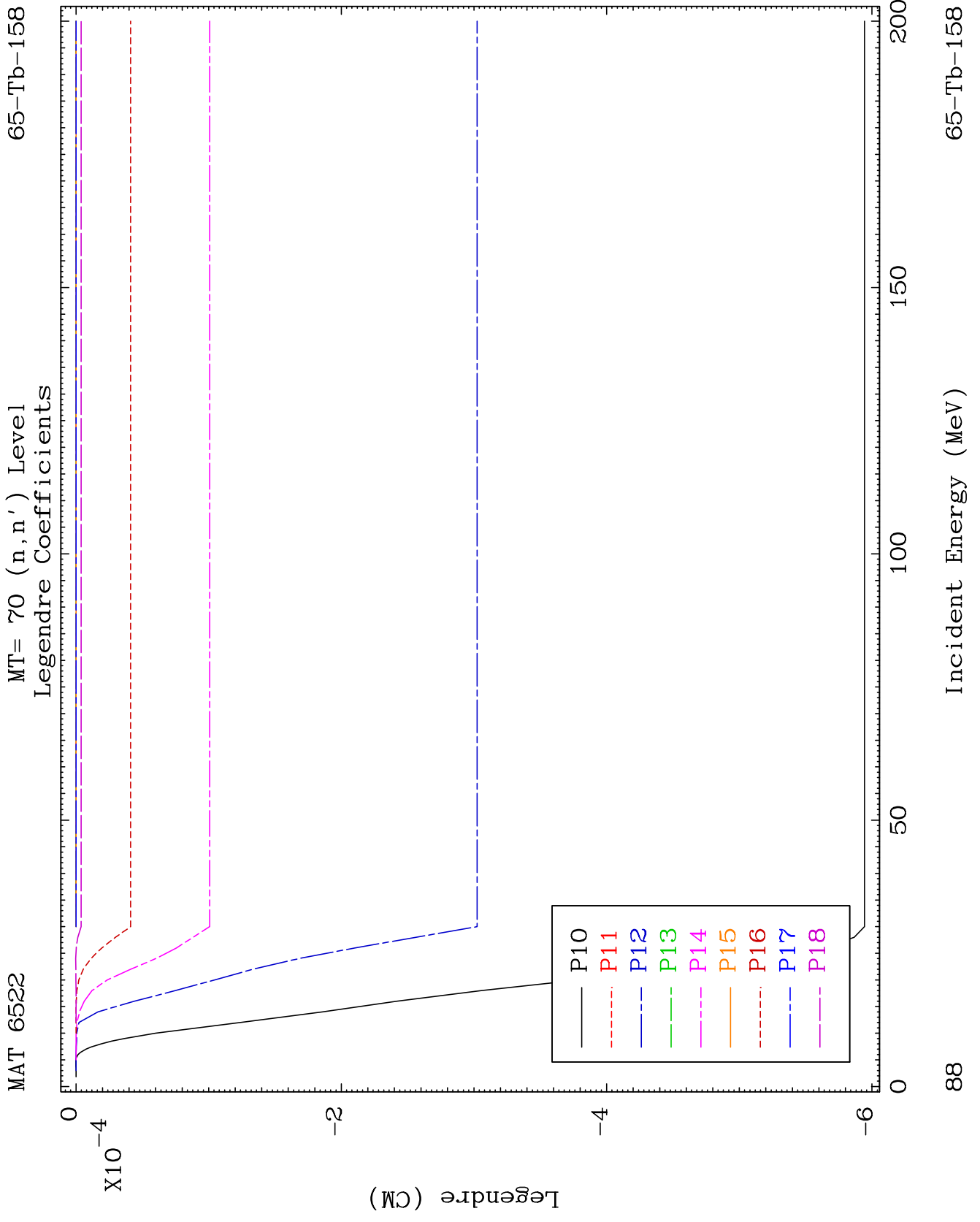
Incident Energy (MeV)

65-Tb-158





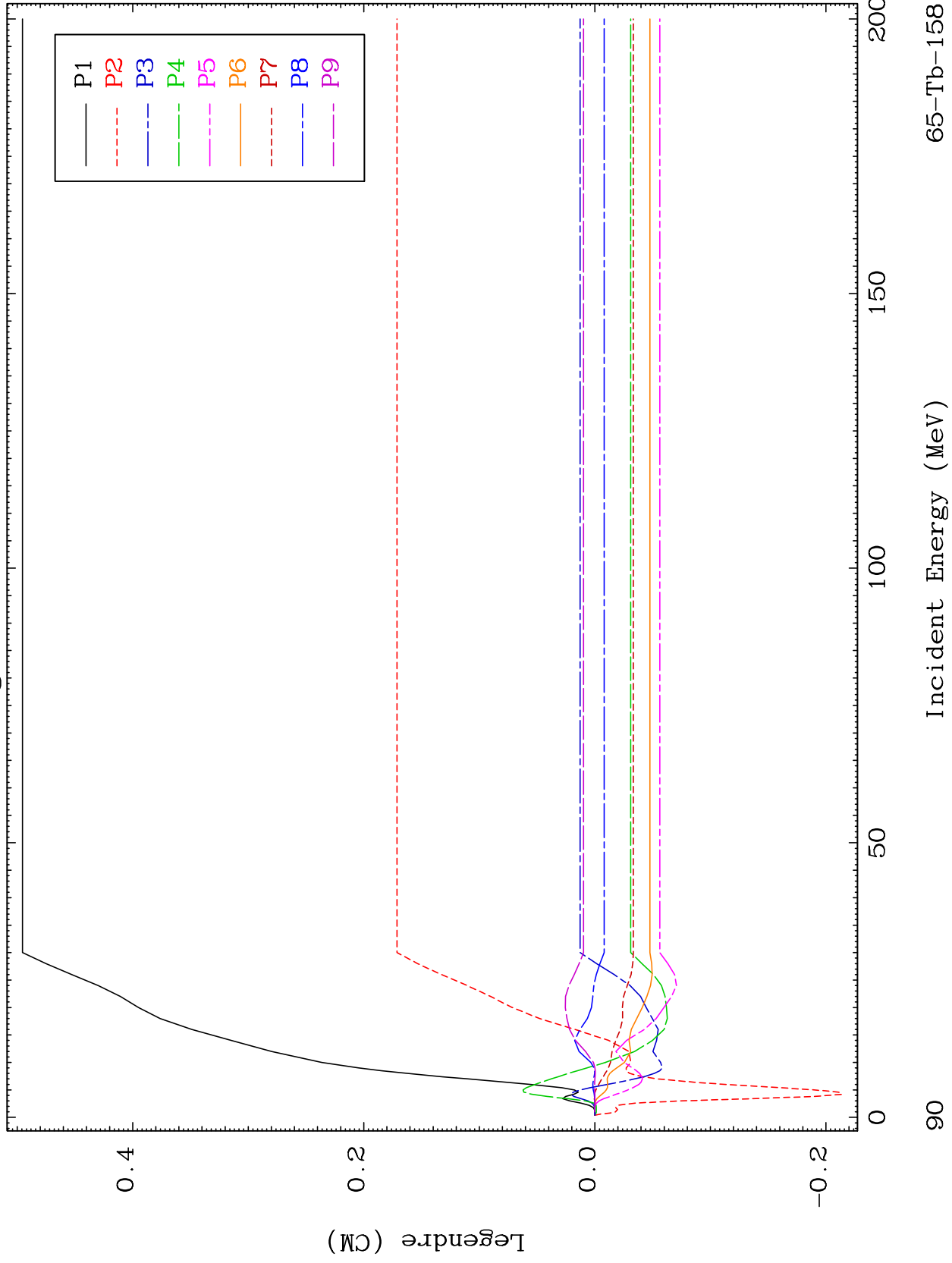




MAT 6522

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

65-Tb-158

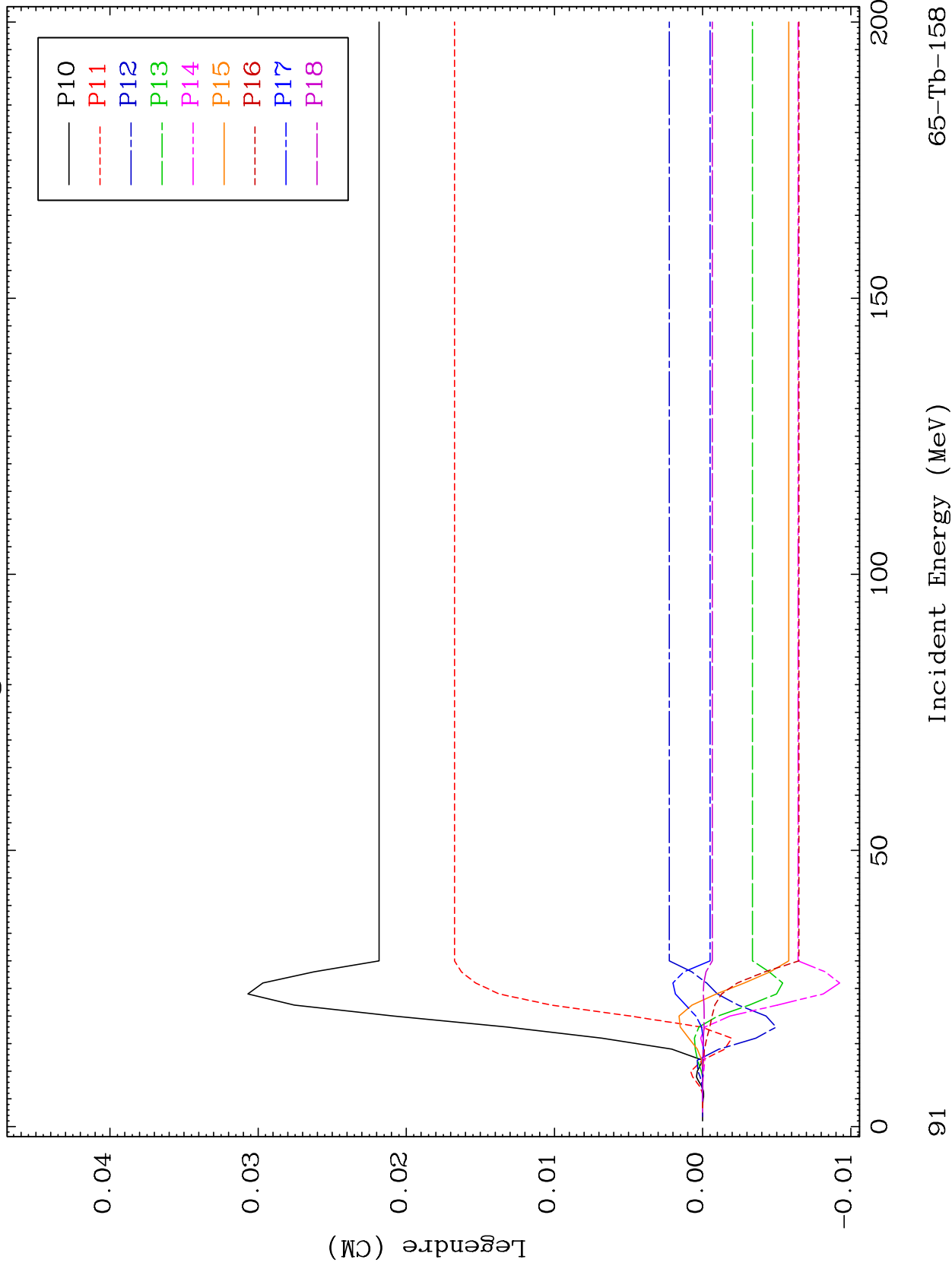


65-Tb-158

MAT 6522

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

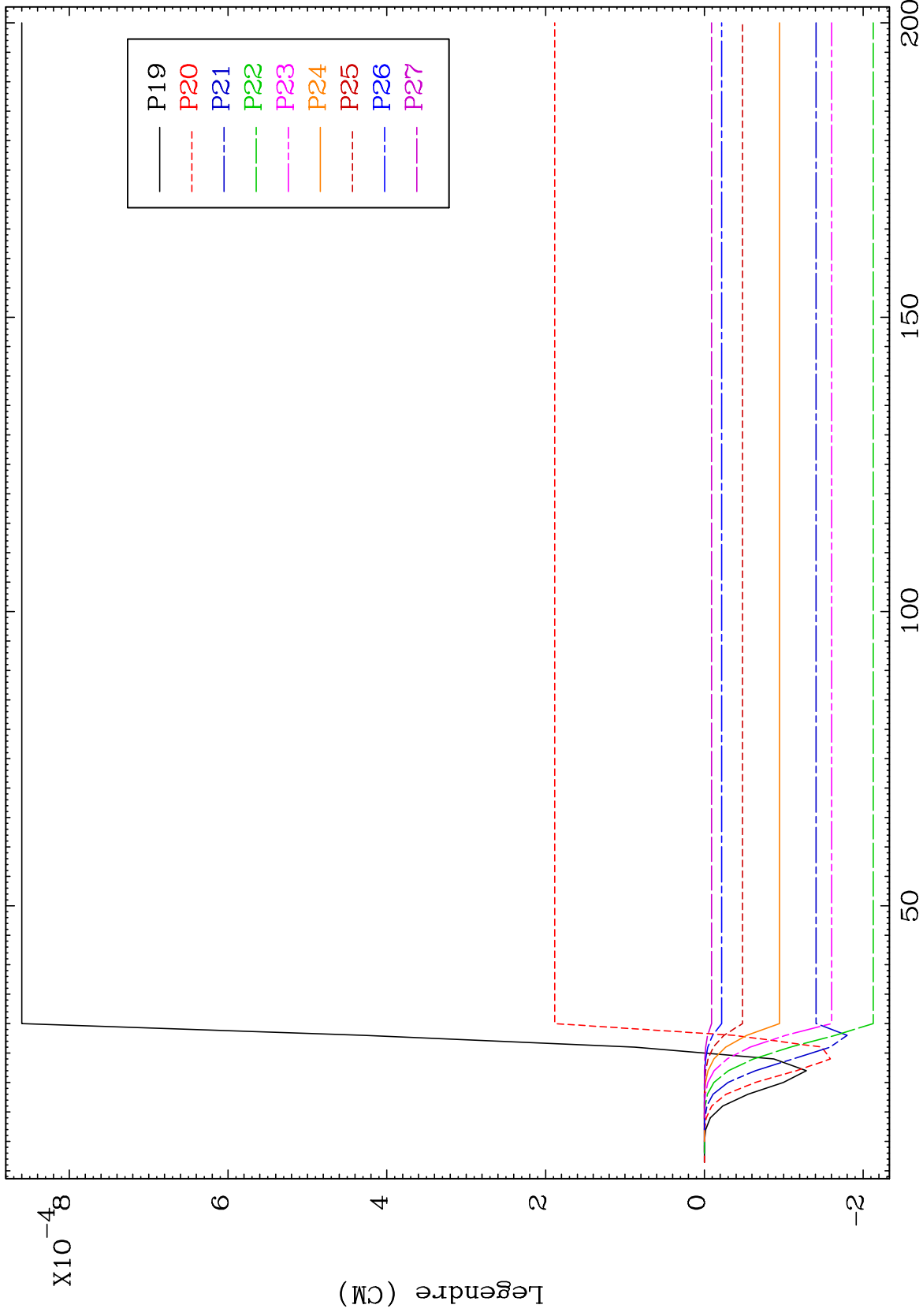
65-Tb-158



MAT 6522

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

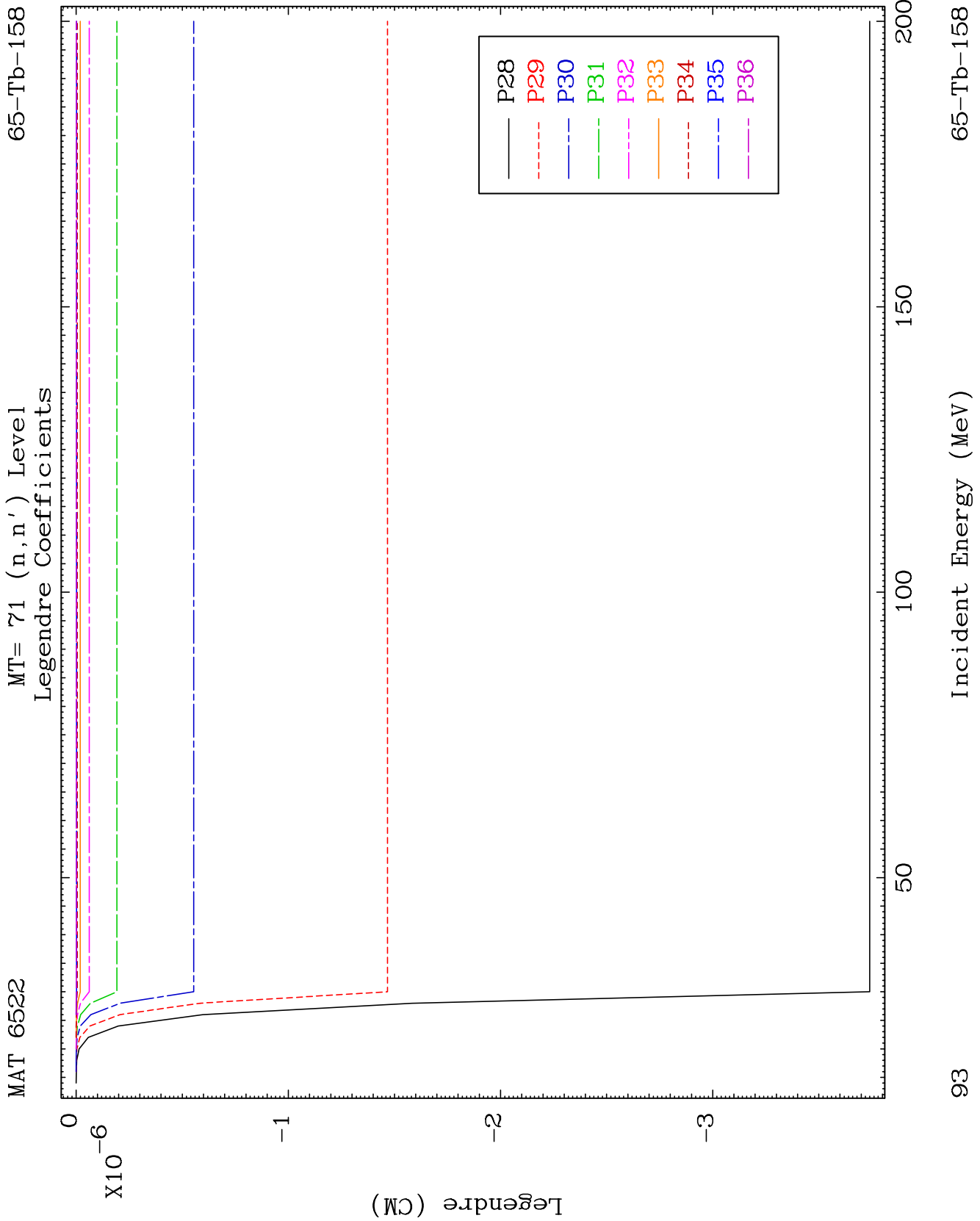
65-Tb-158

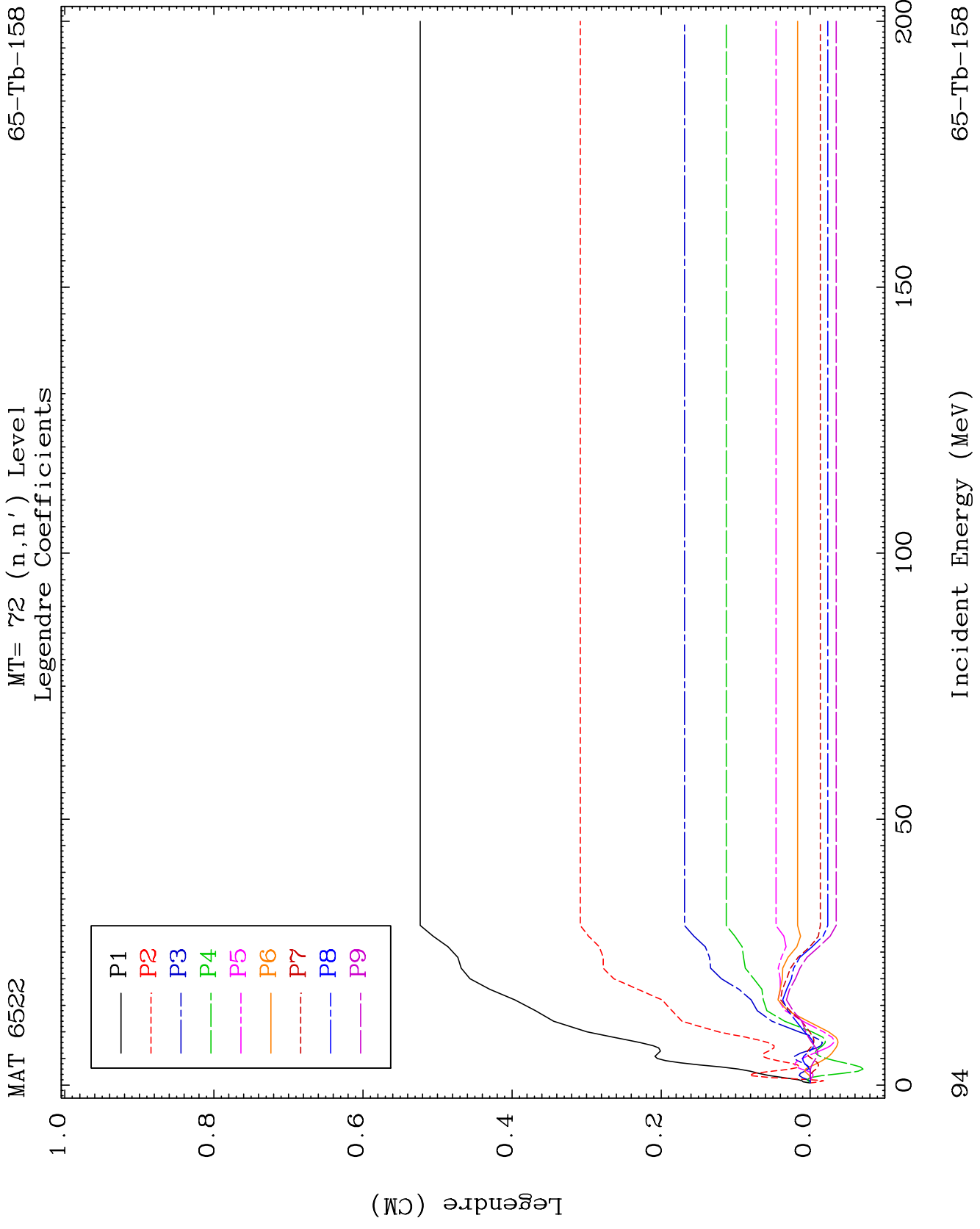


92

Incident Energy (MeV)

65-Tb-158

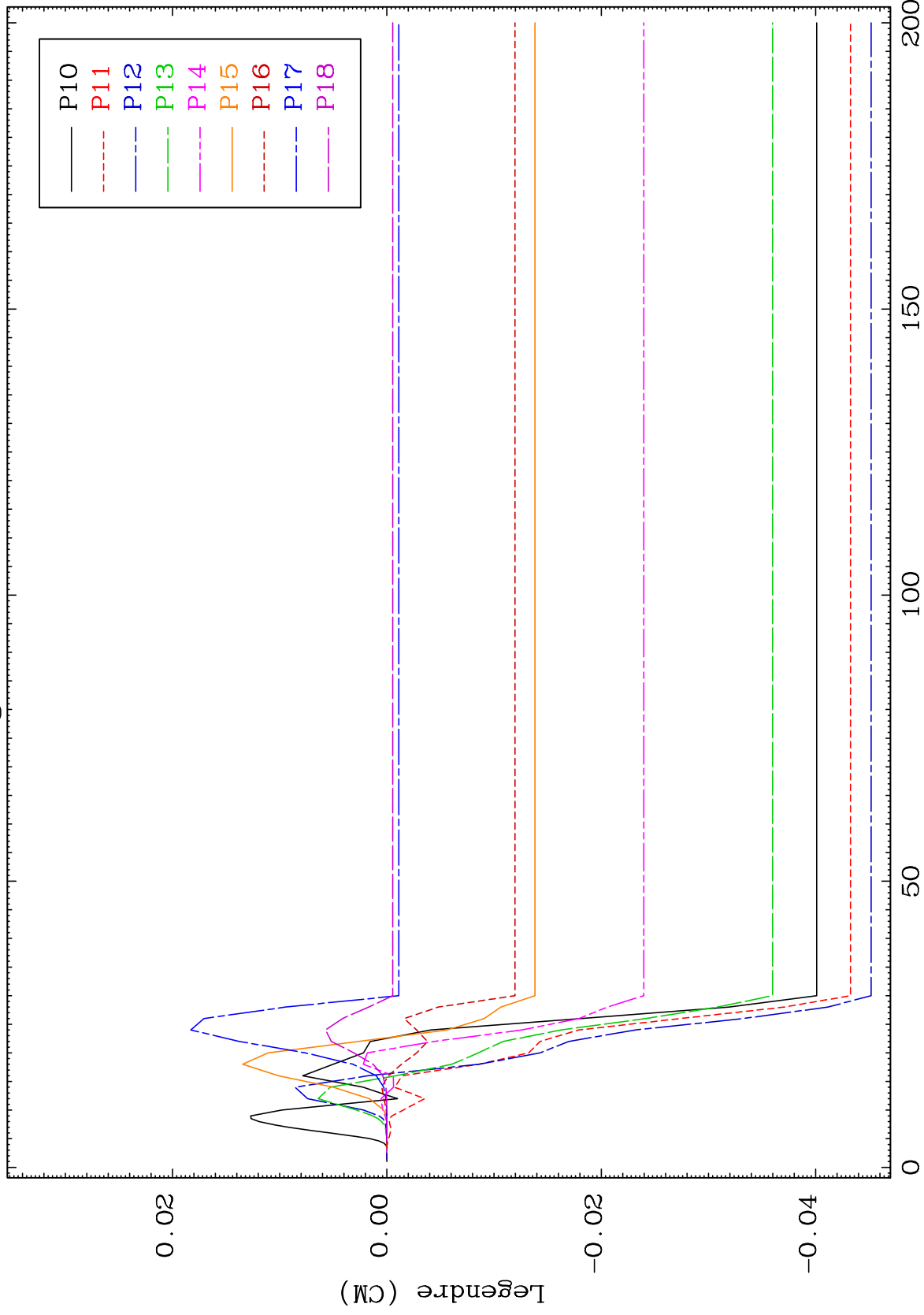




MAT 65222

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

65-Tb-158



95

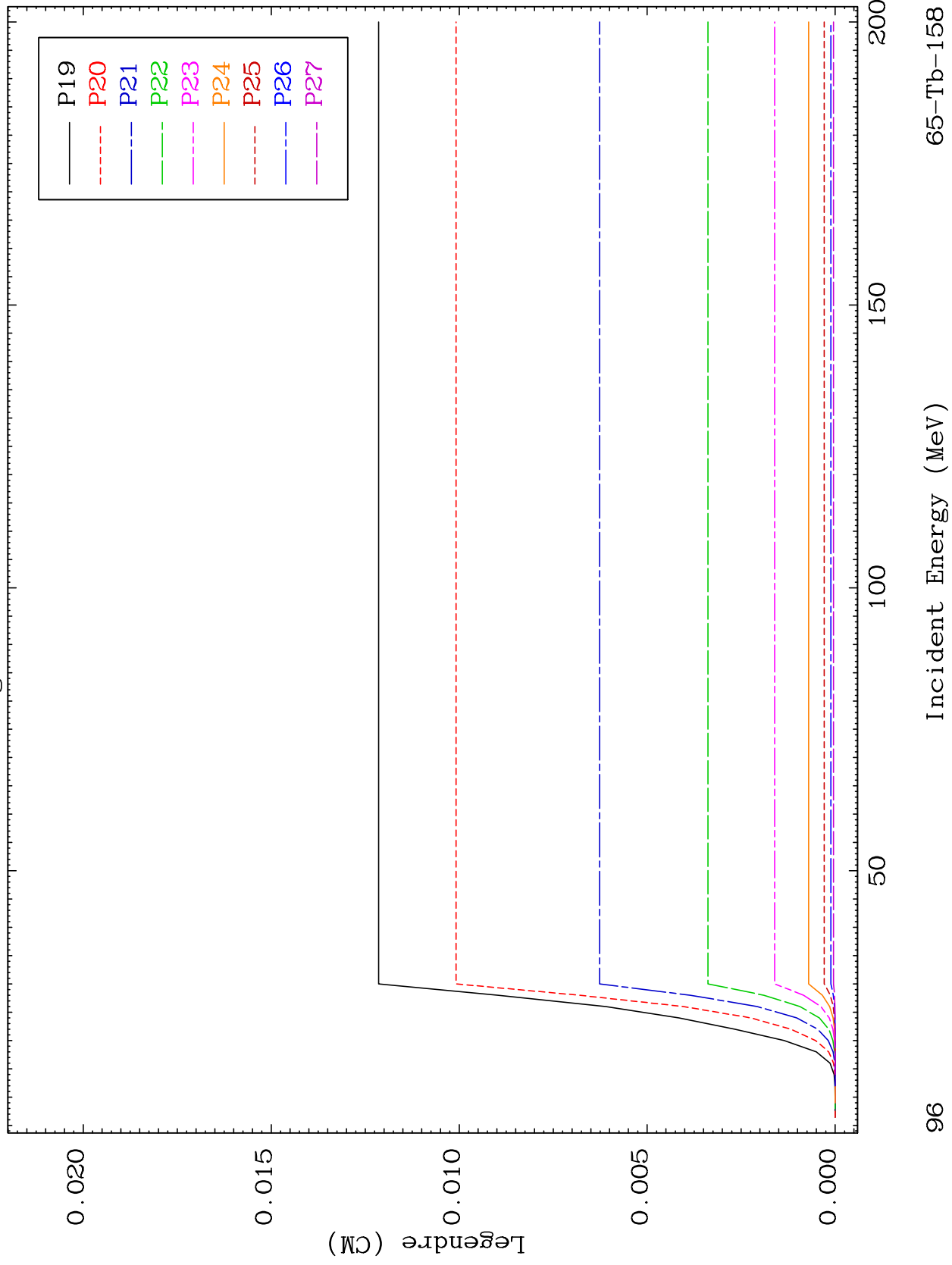
Incident Energy (MeV)

65-Tb-158

MAT 6522

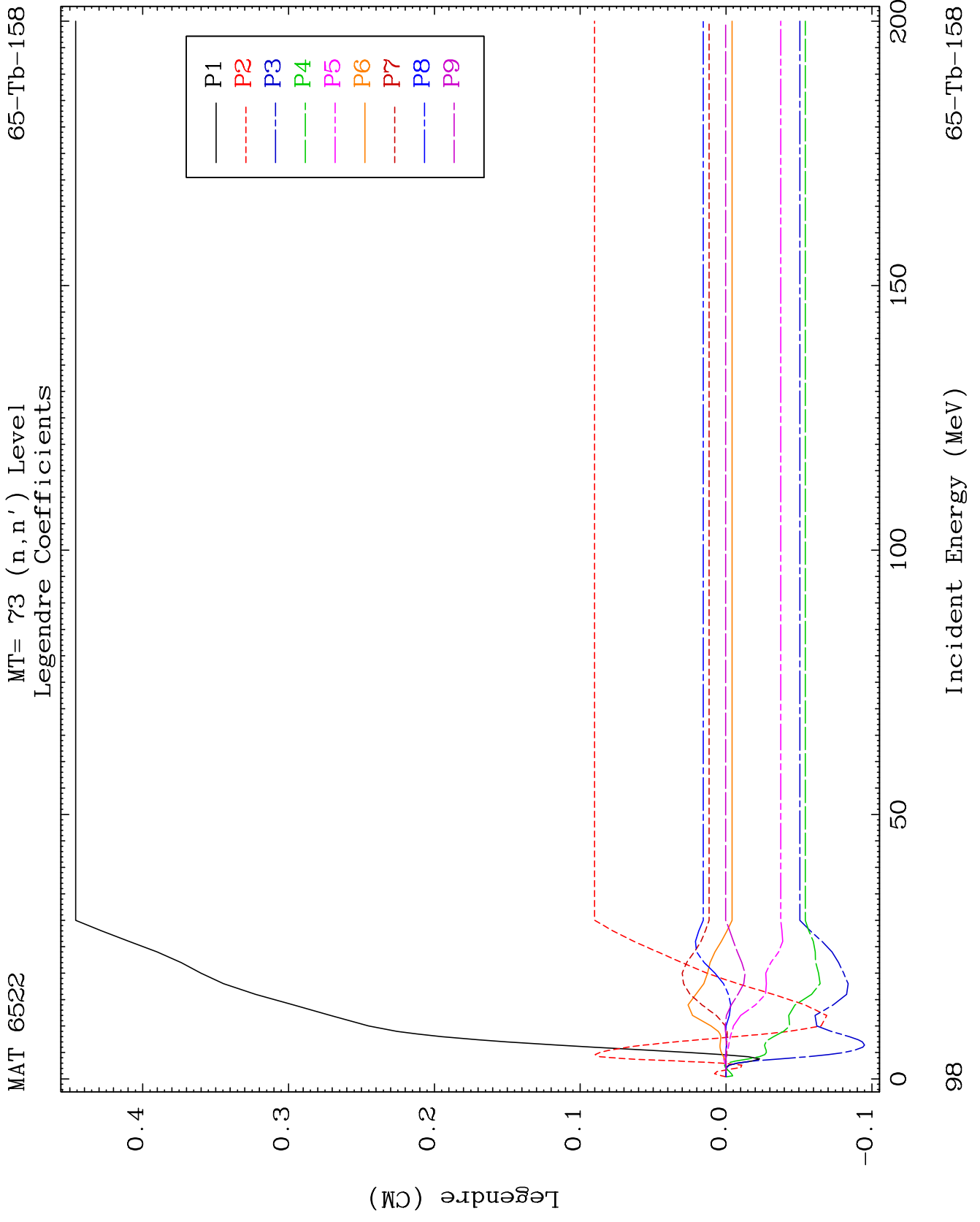
MT= 72 (n,n') Level
Legendre Coefficients

65-Tb-158



96

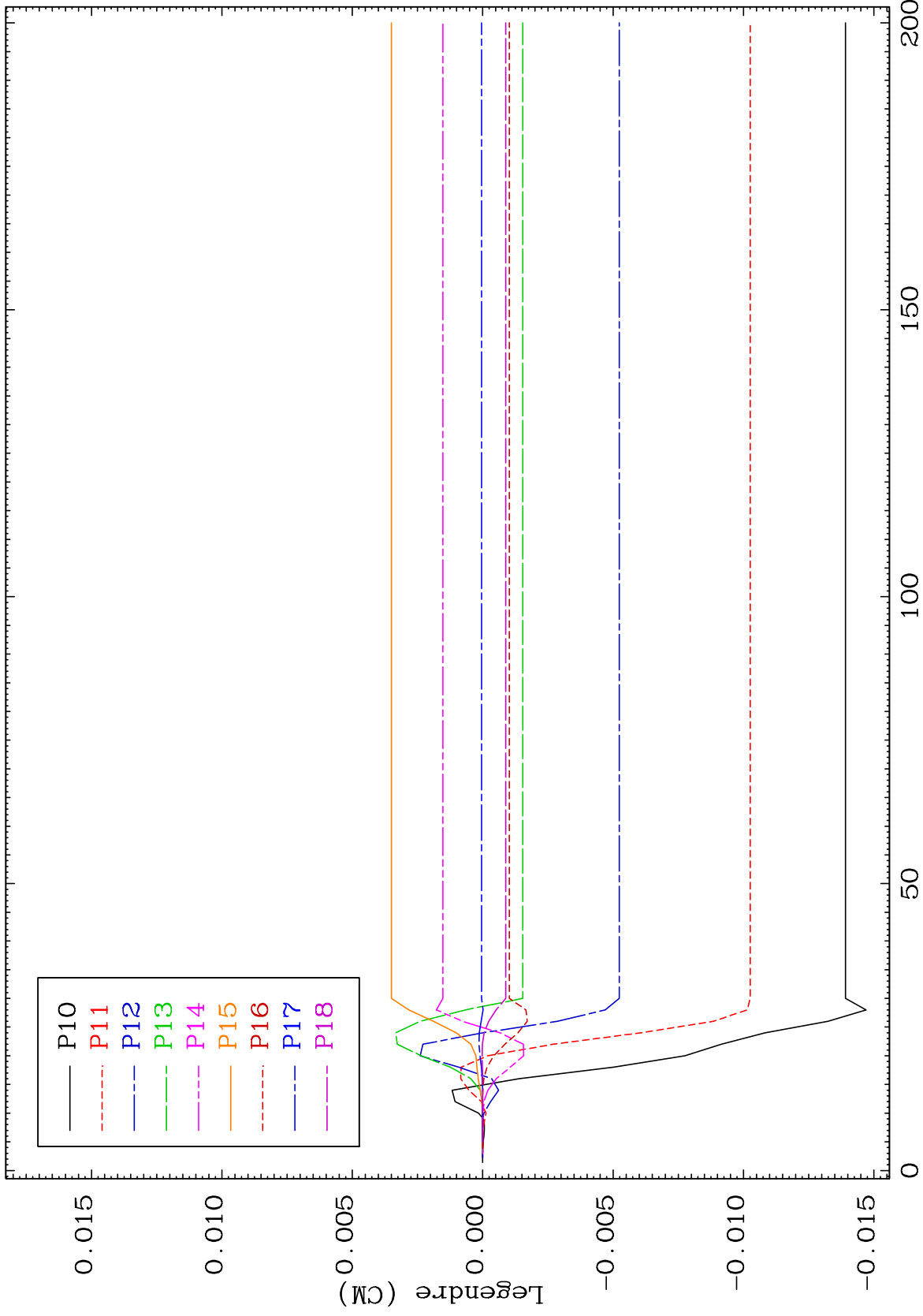
65-Tb-158



MAT 65222

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

65-Tb-158



99

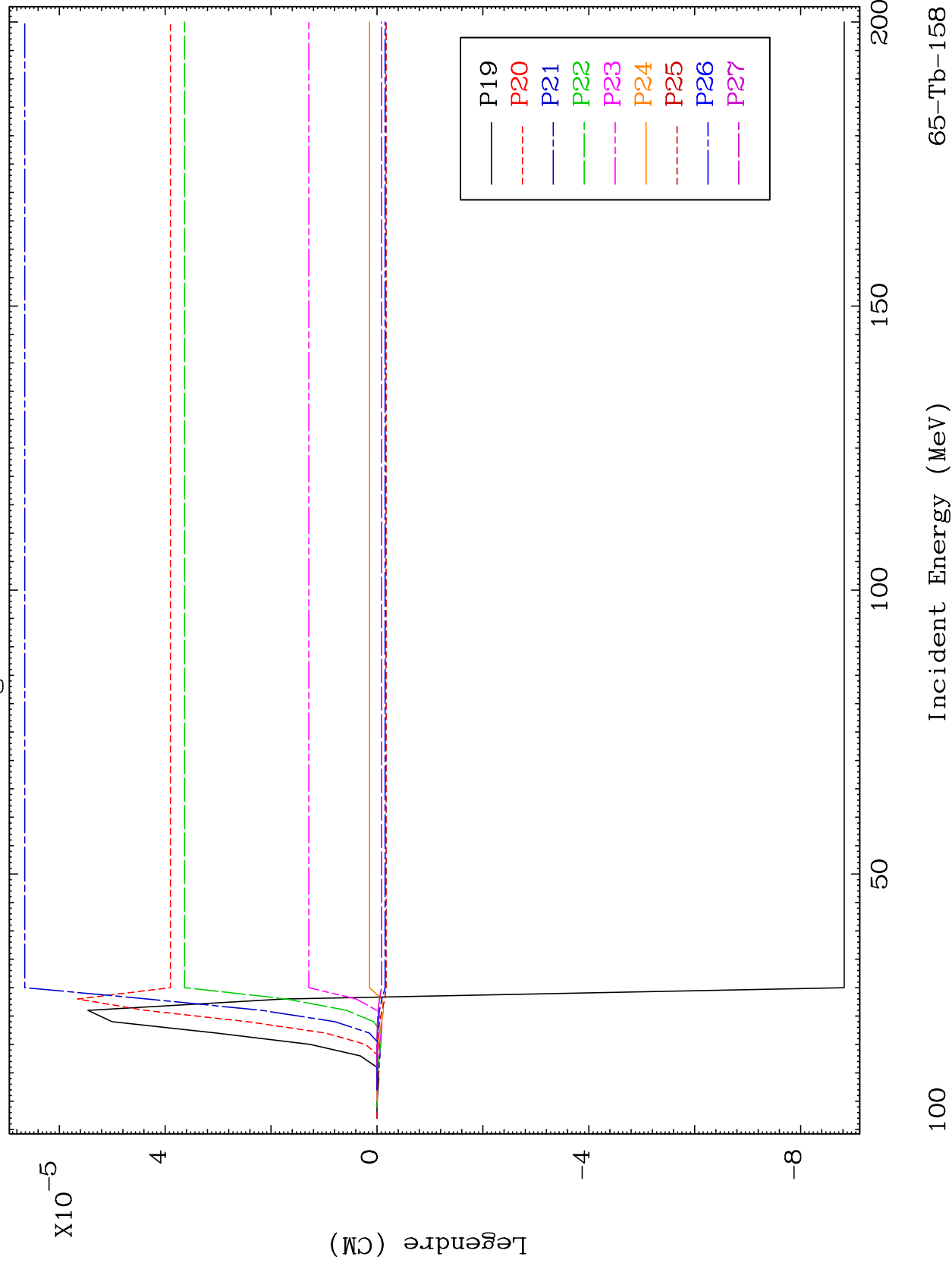
Incident Energy (MeV)

65-Tb-158

MAT 65222

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

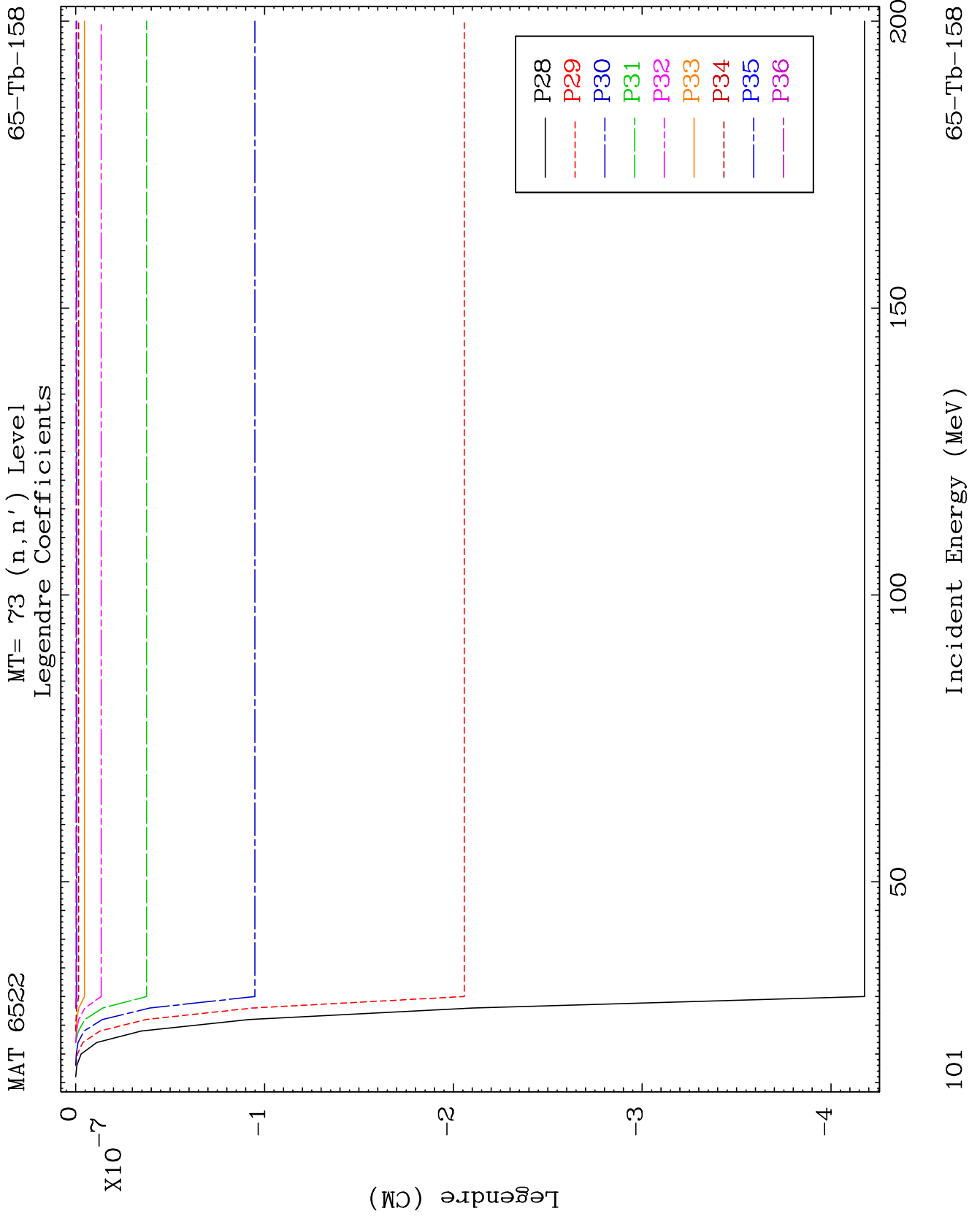
65-Tb-158



100

Incident Energy (MeV)

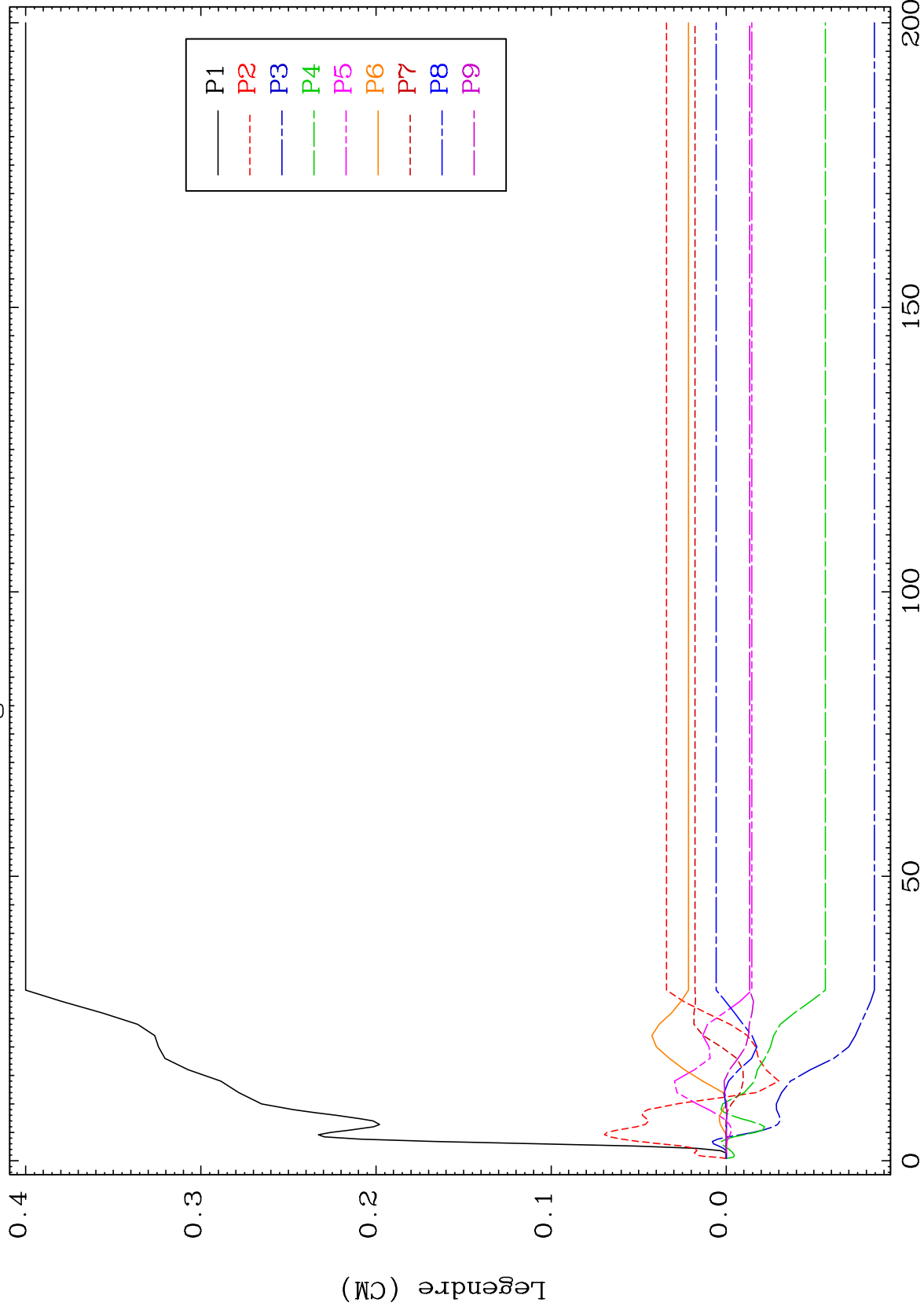
65-Tb-158



MAT 6522

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

65-Tb-158



0

50

100

150

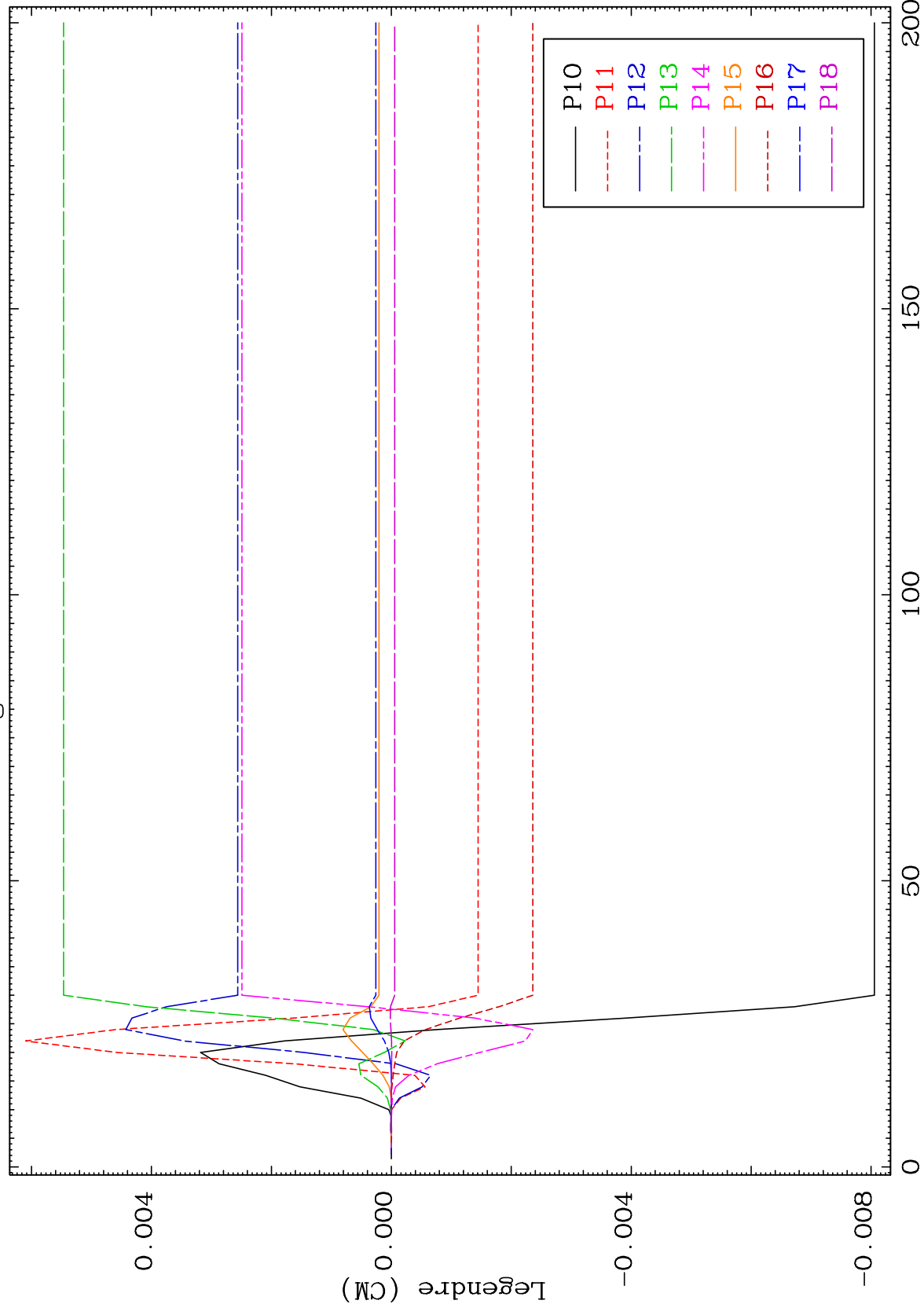
200

65-Tb-158

MAT 65222

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

65-Tb-158



65-Tb-158

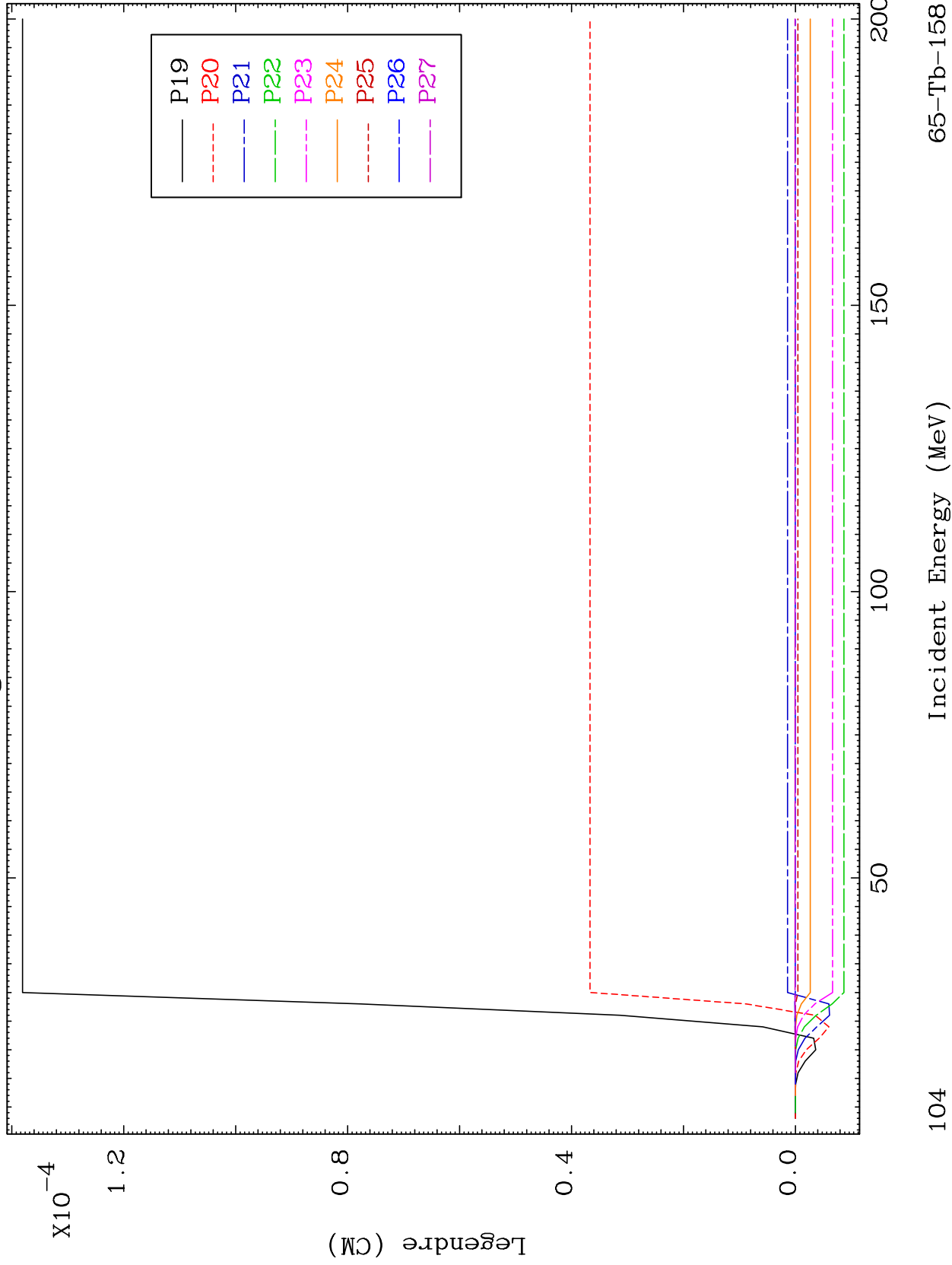
Incident Energy (MeV)

103

MAT 6522

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

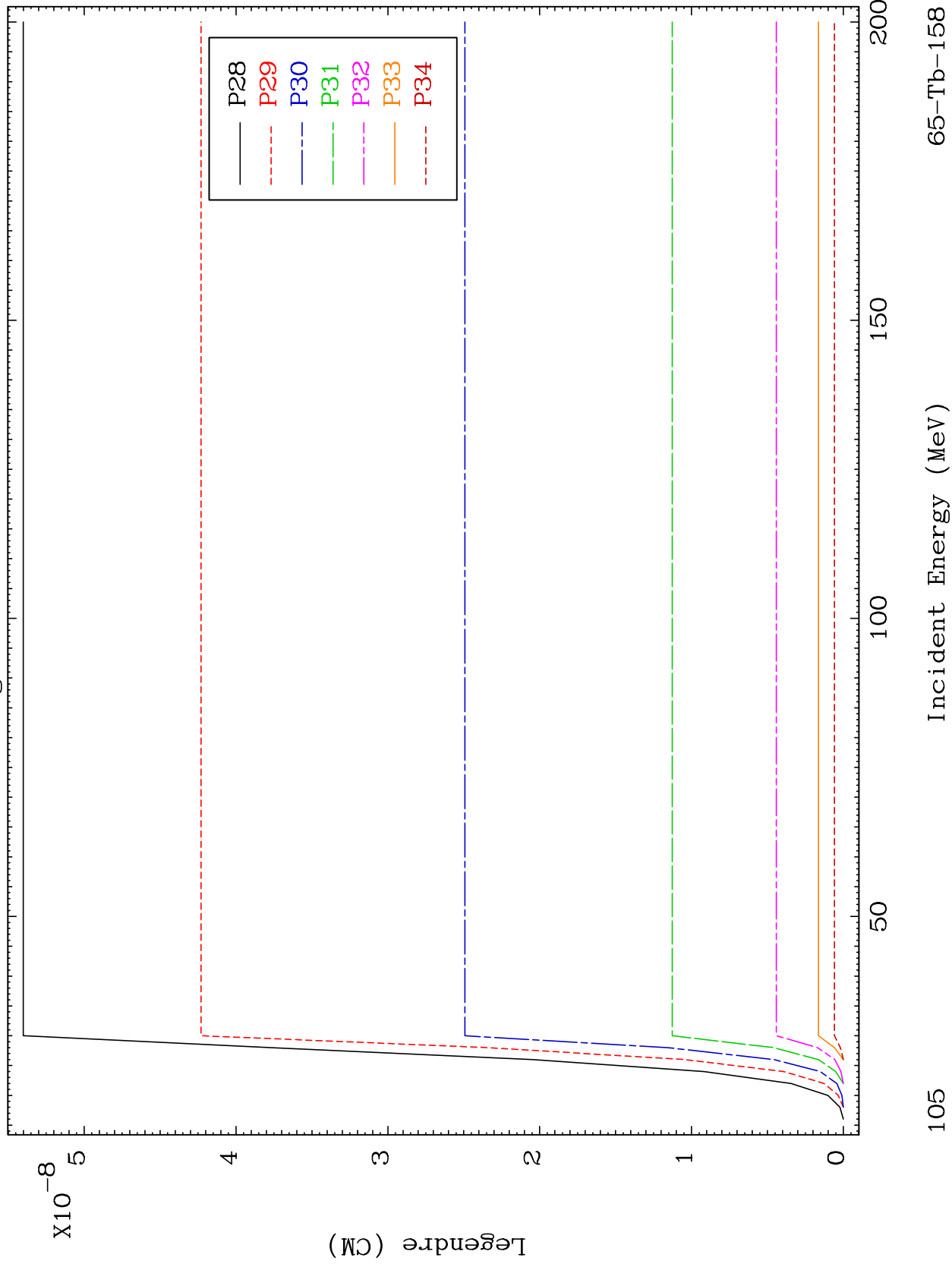
65-Tb-158

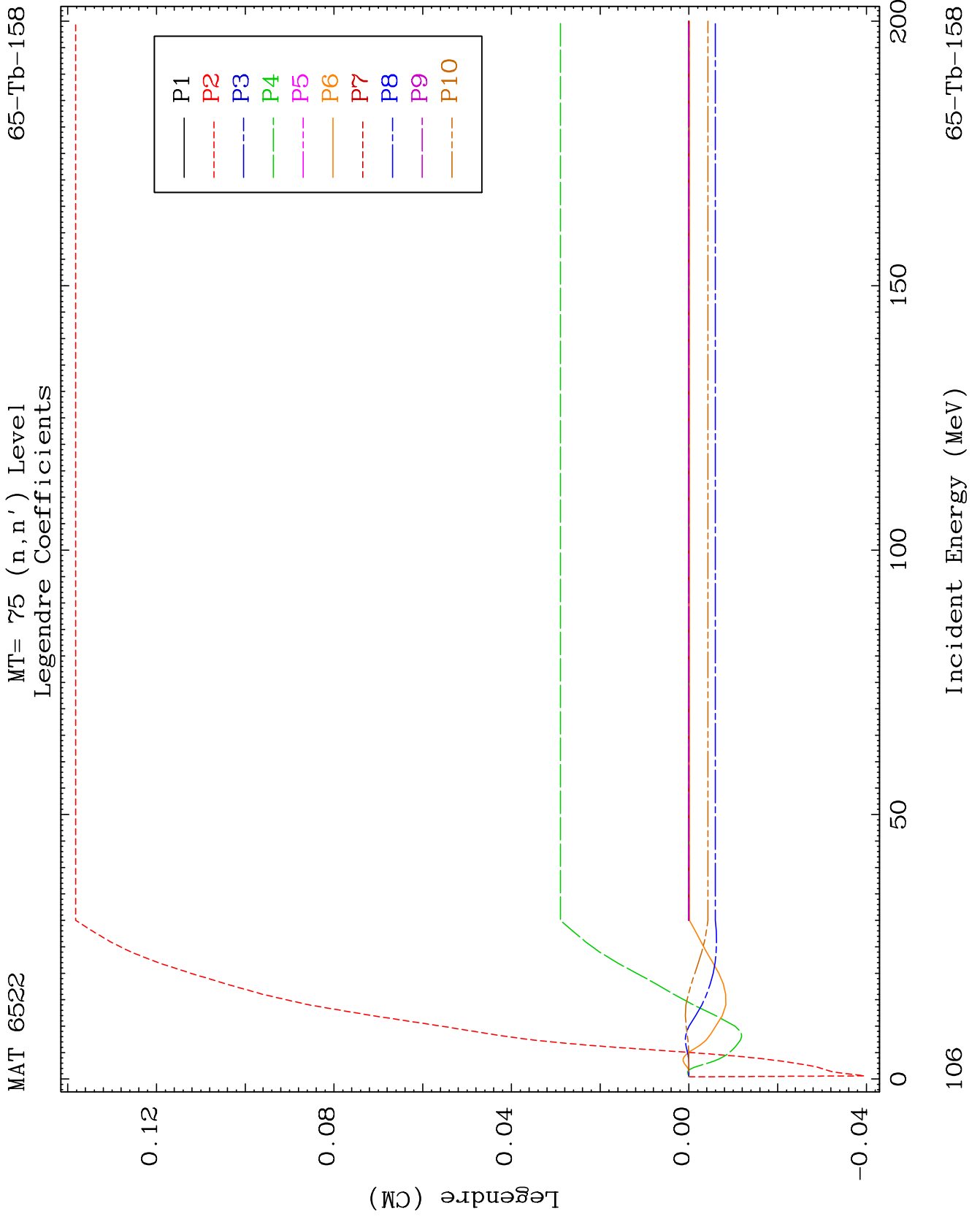


MAT 6522

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

65-Tb-158

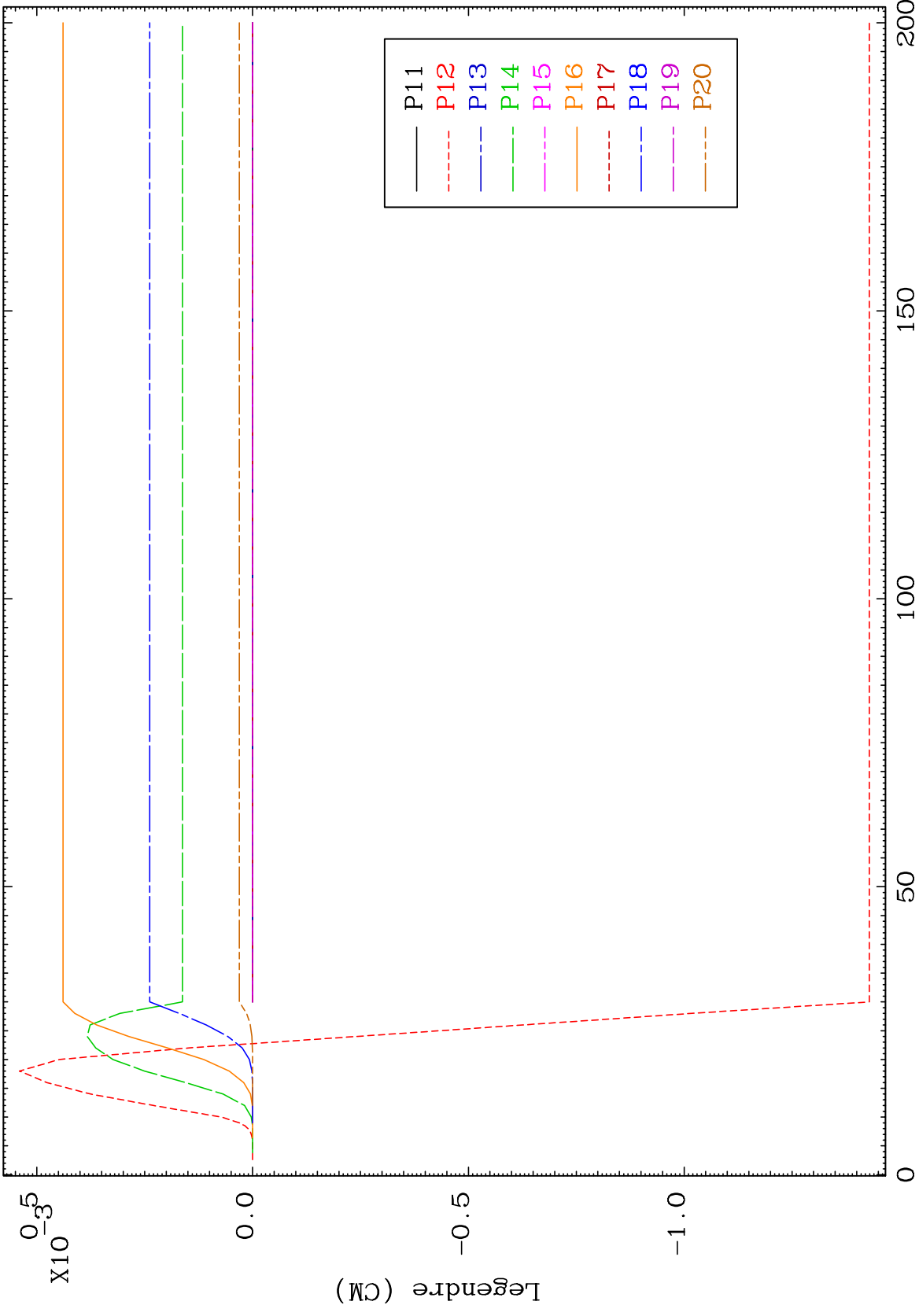




MAT 65222

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

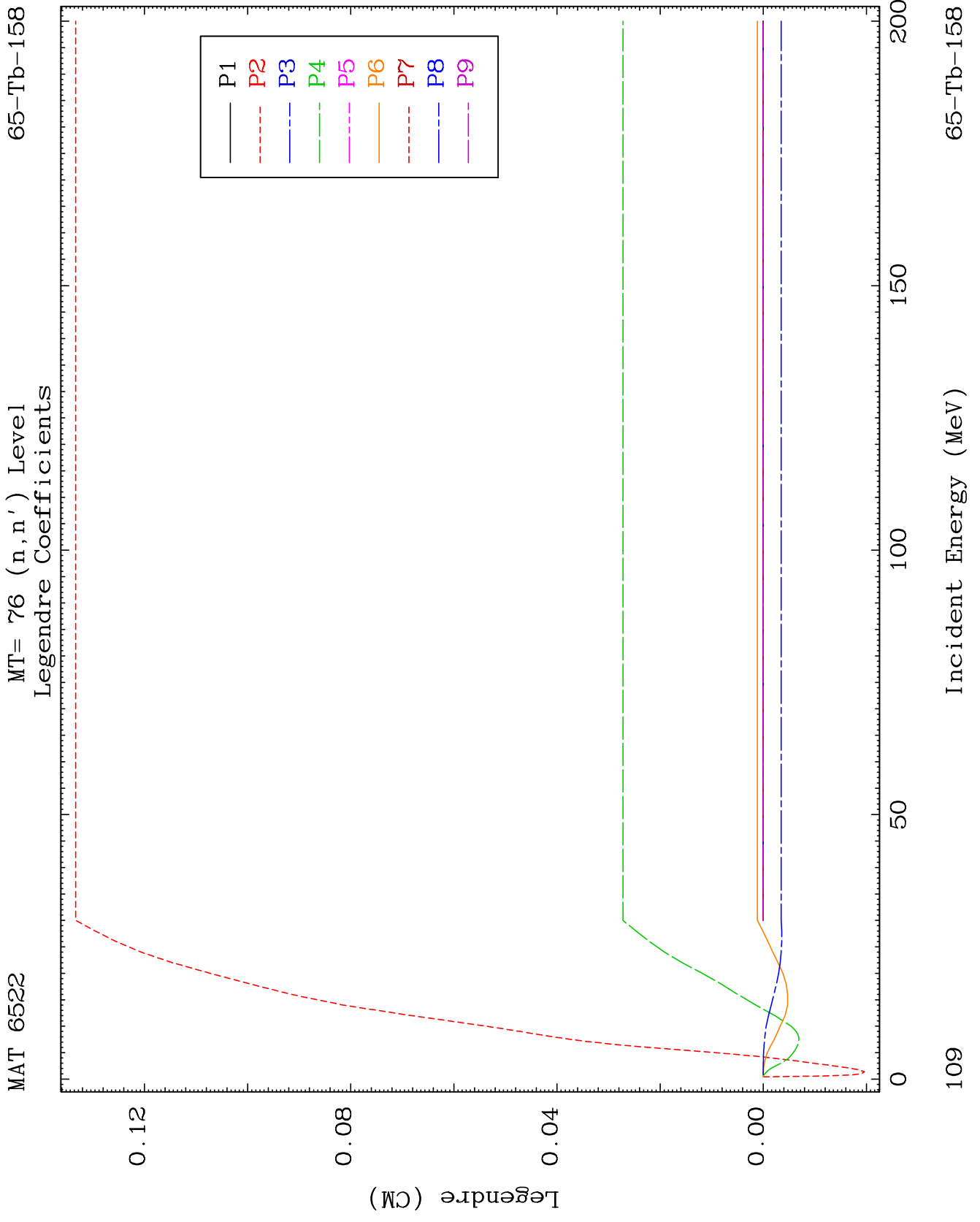
65-Tb-158

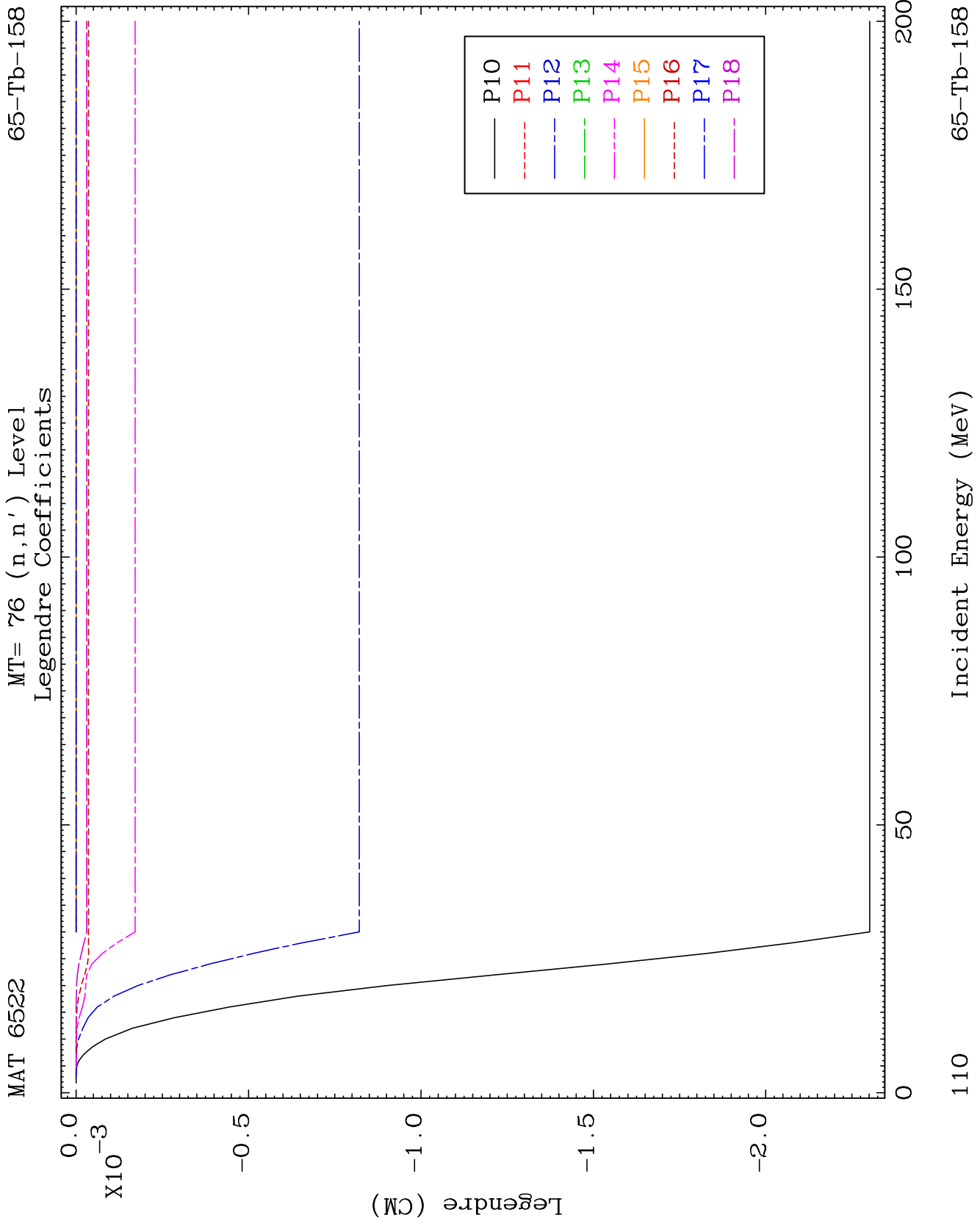


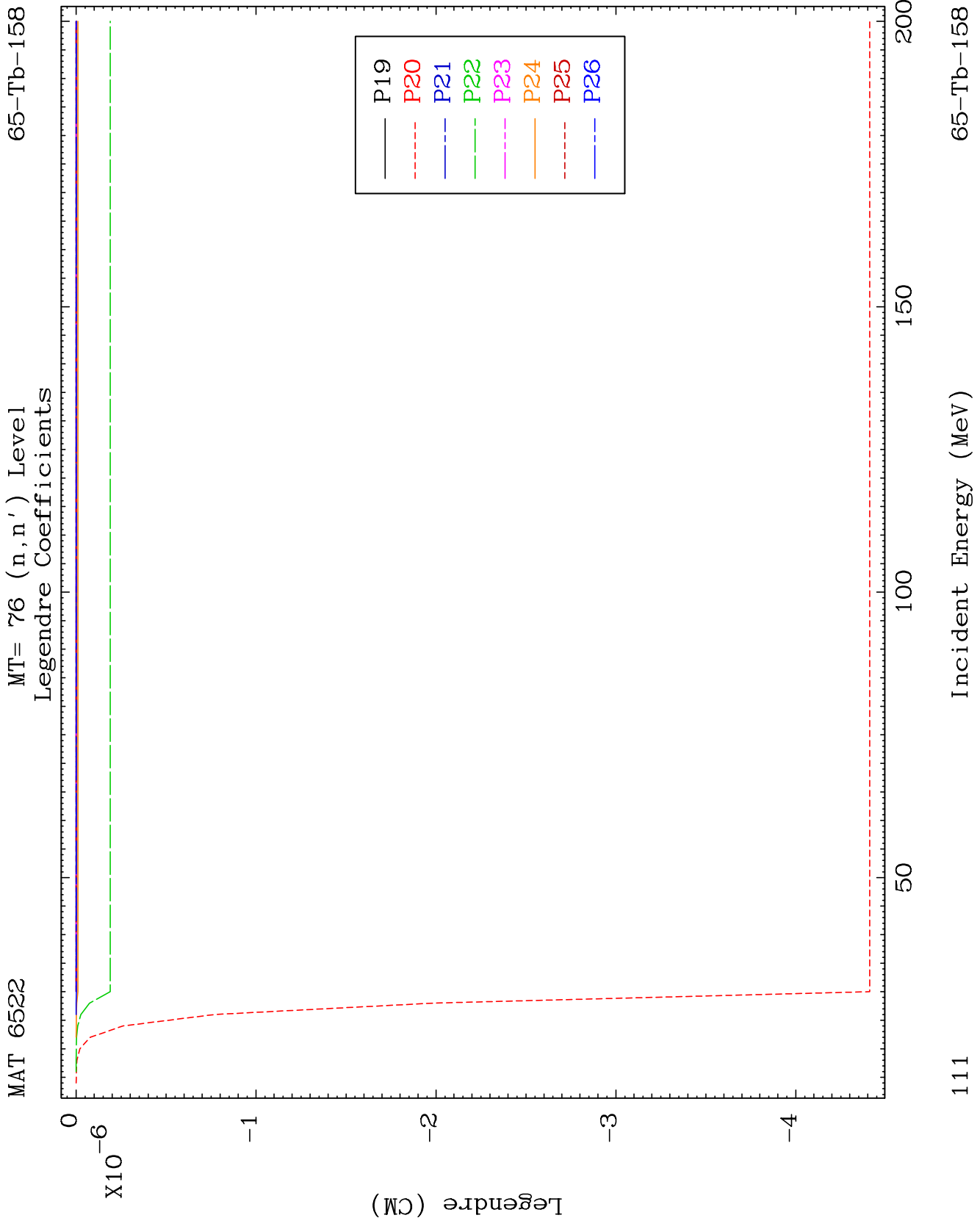
107

Incident Energy (MeV)

65-Tb-158



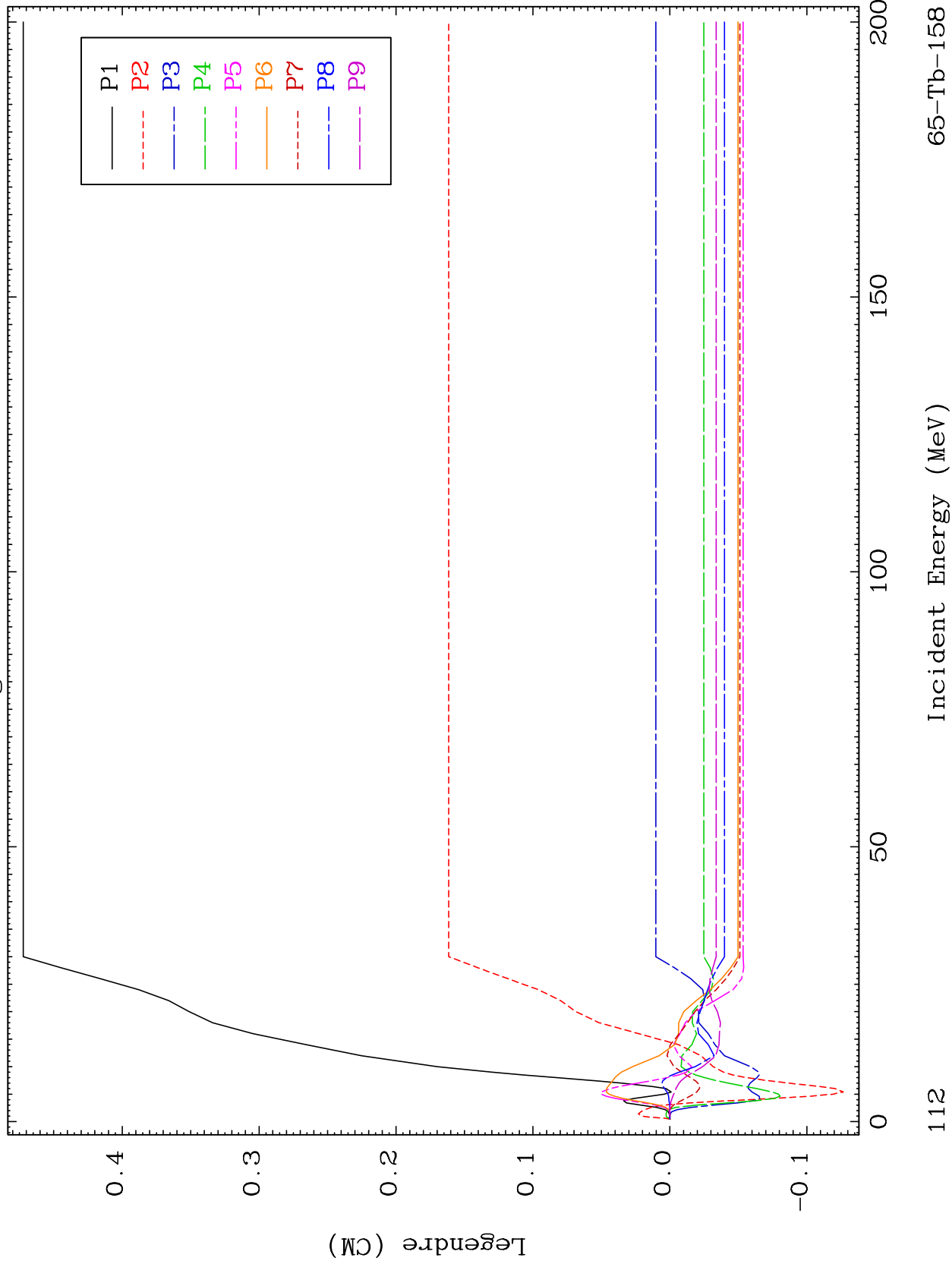




MAT 6522

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

65-Tb-158



65-Tb-158

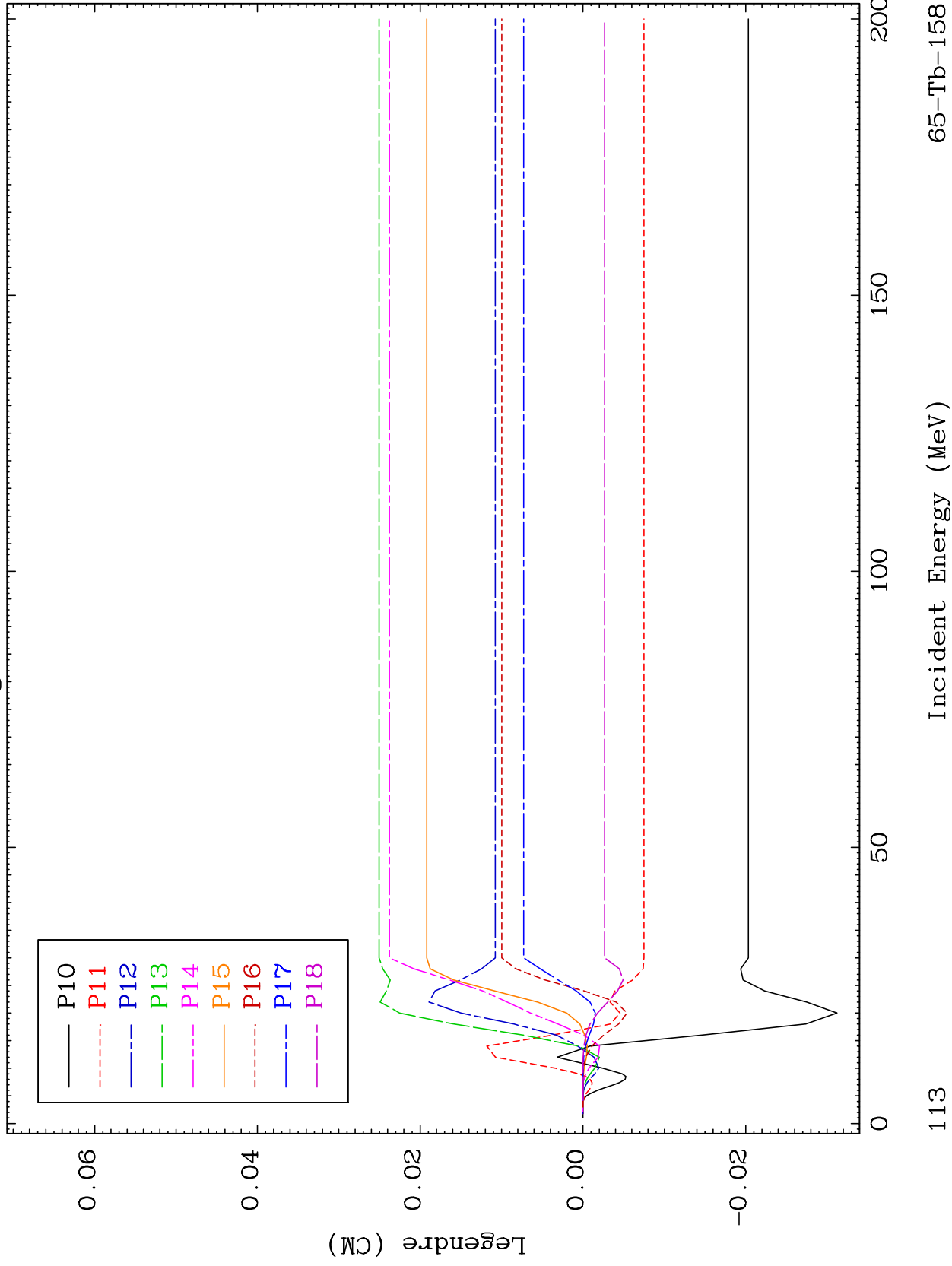
Incident Energy (MeV)

112

MAT 65222

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

65-Tb-158



113

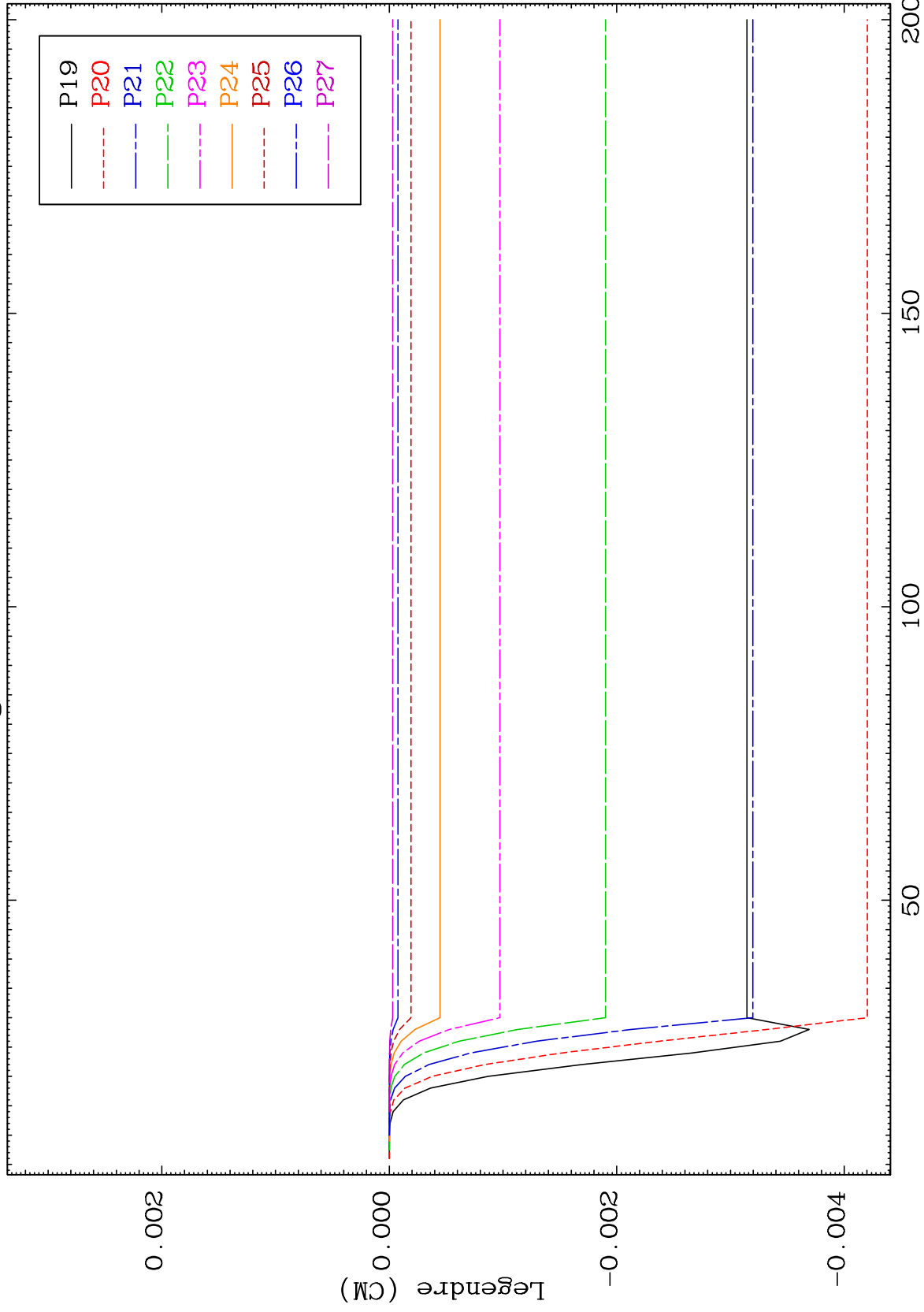
Incident Energy (MeV)

65-Tb-158

MAT 6522

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

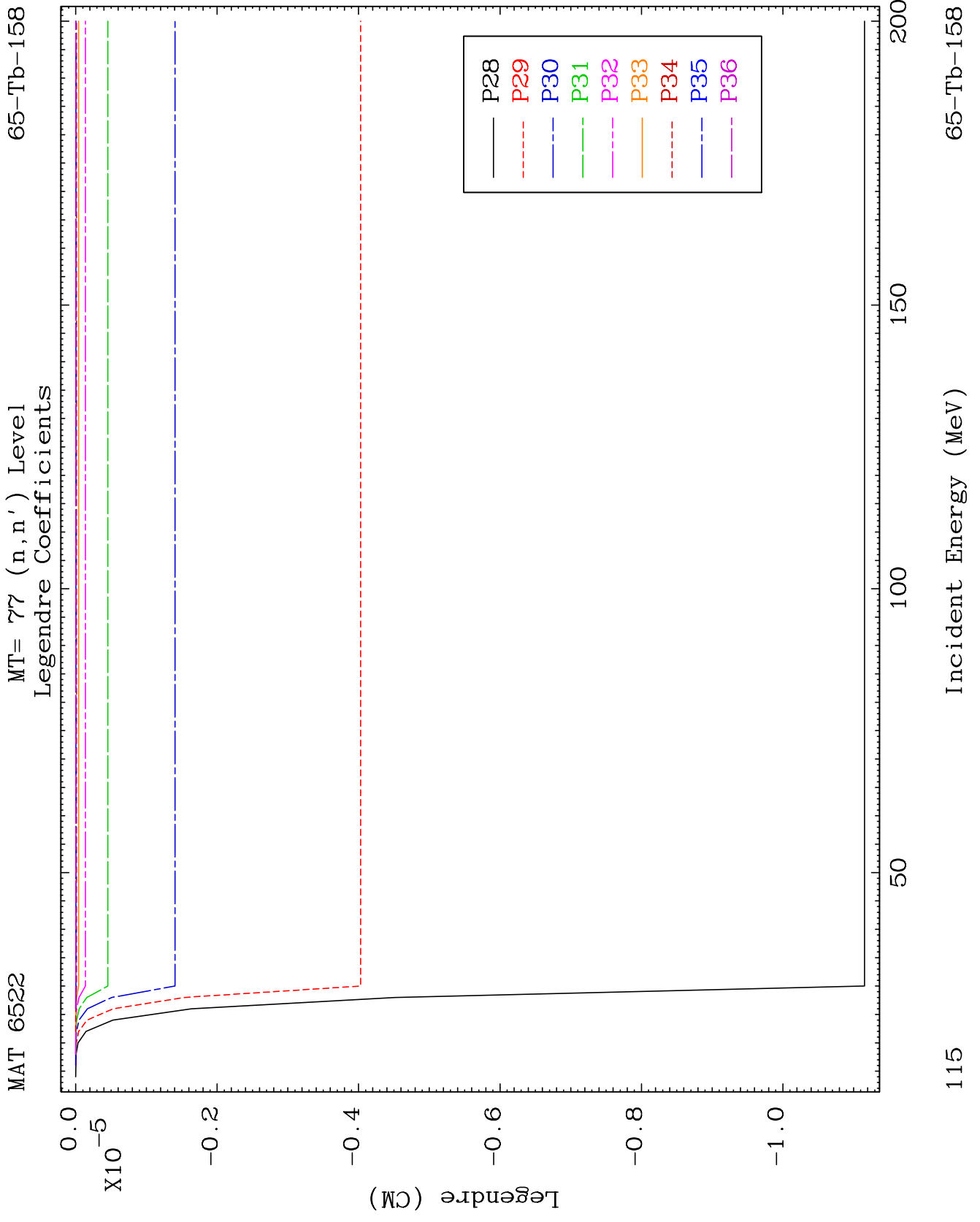
65-Tb-158

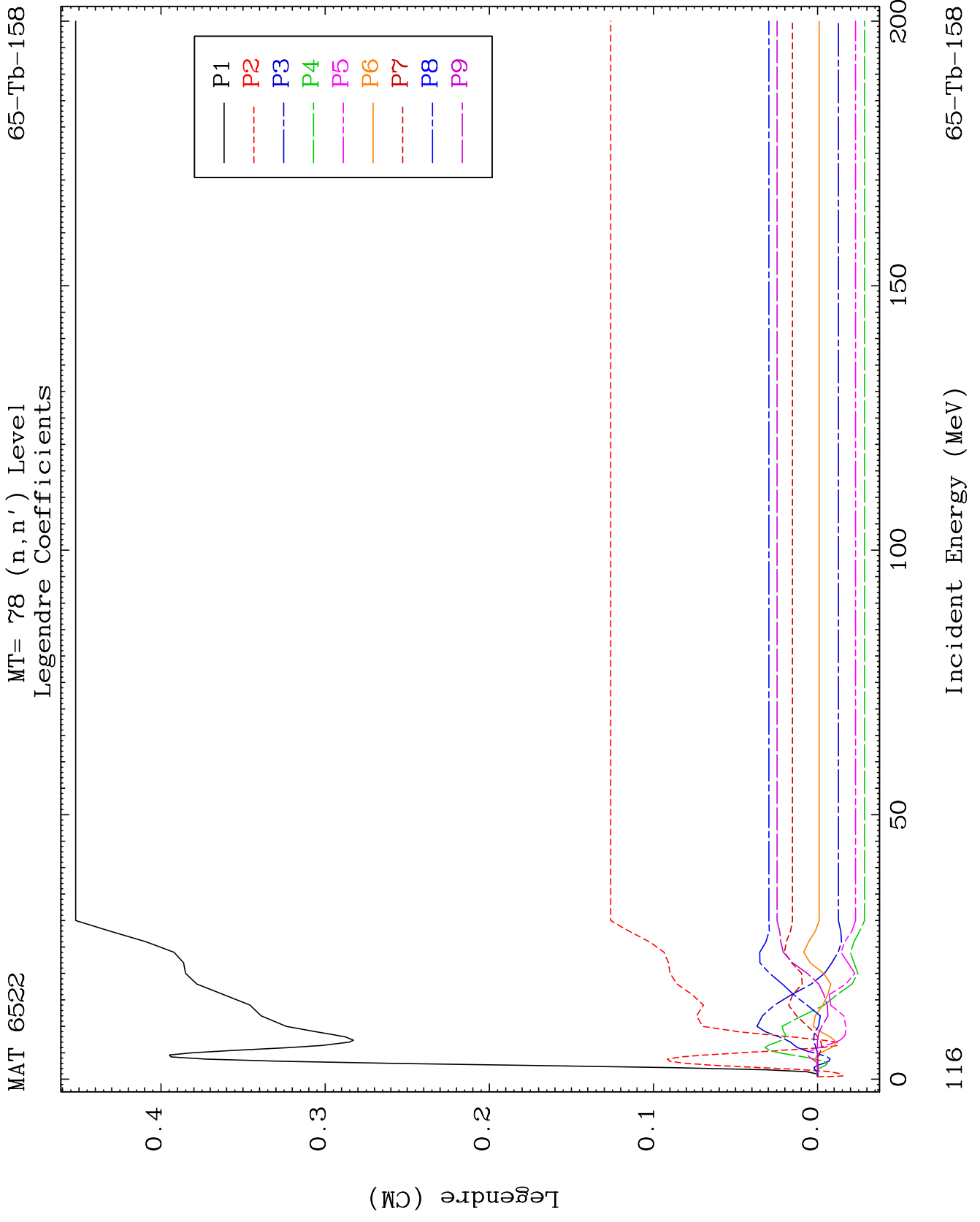


114

Incident Energy (MeV)

65-Tb-158

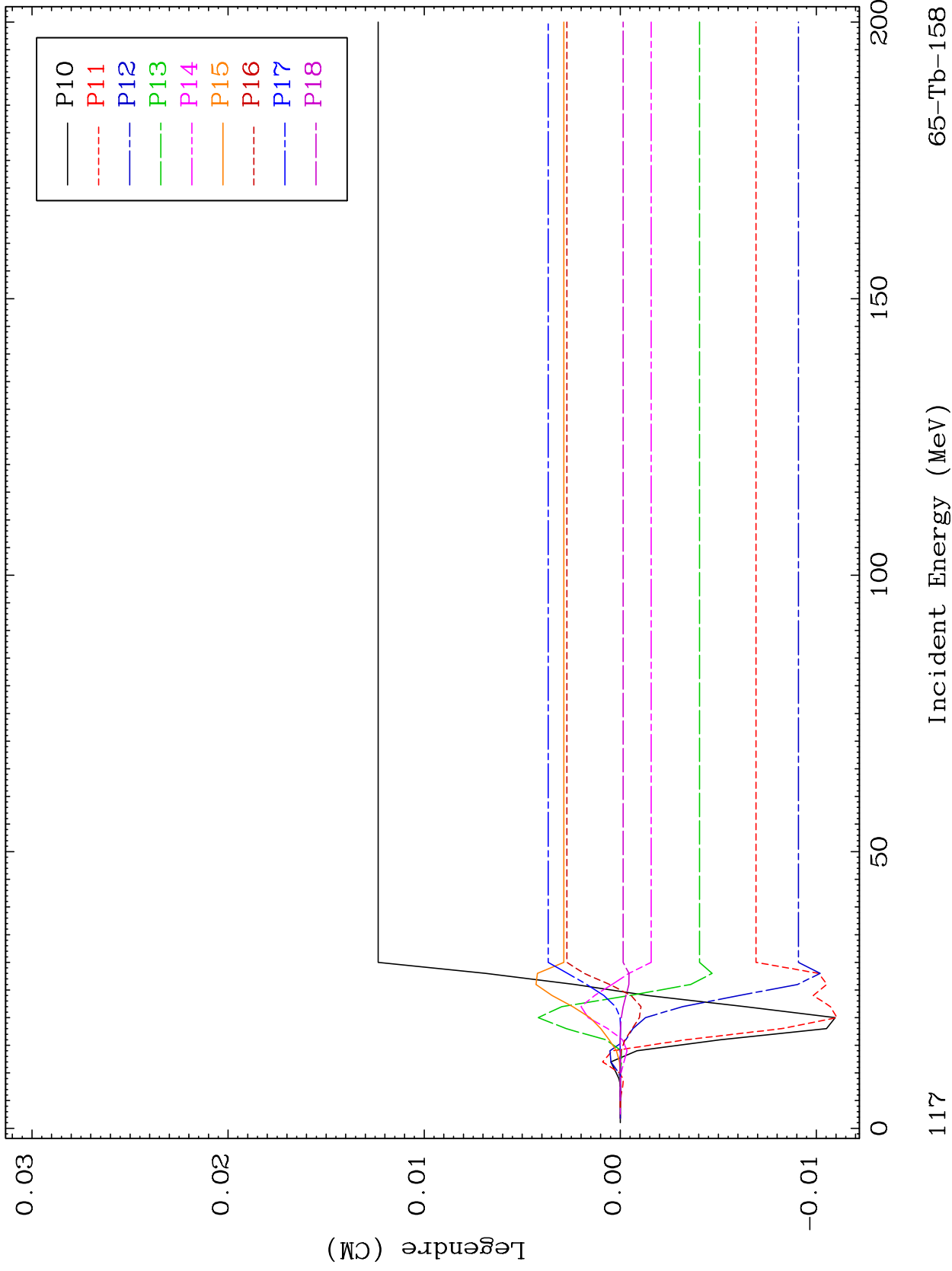




MAT 6522

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

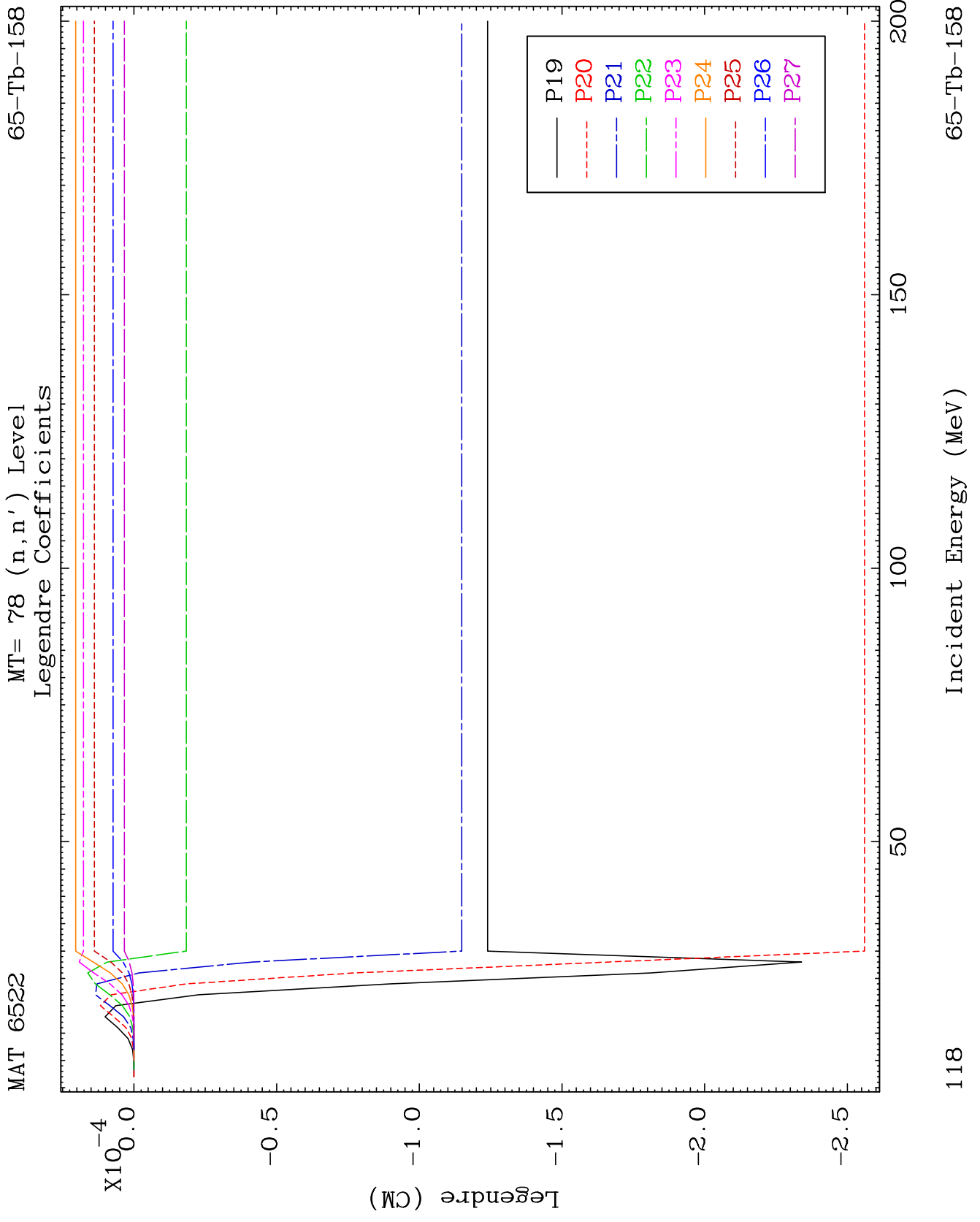
65-Tb-158

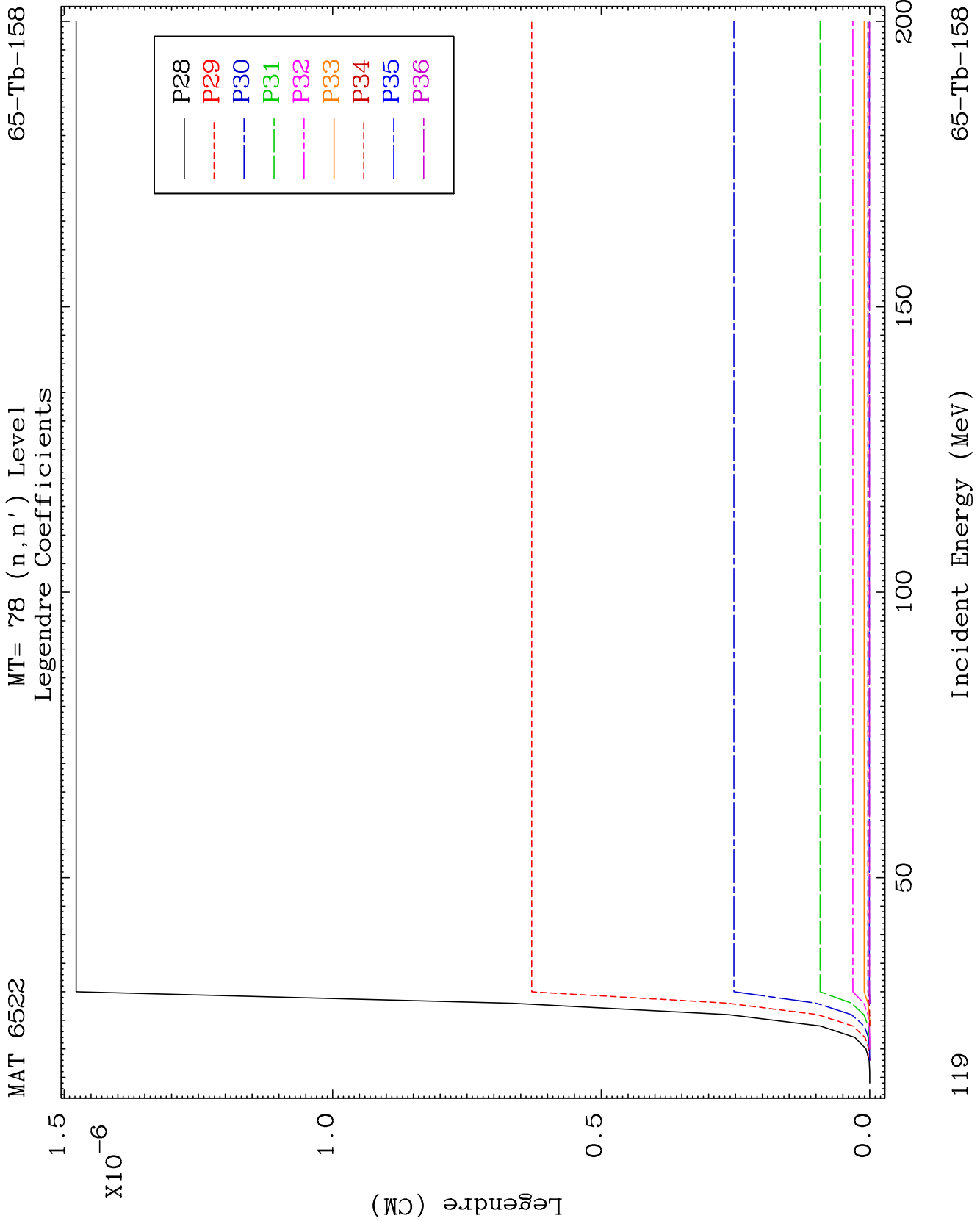


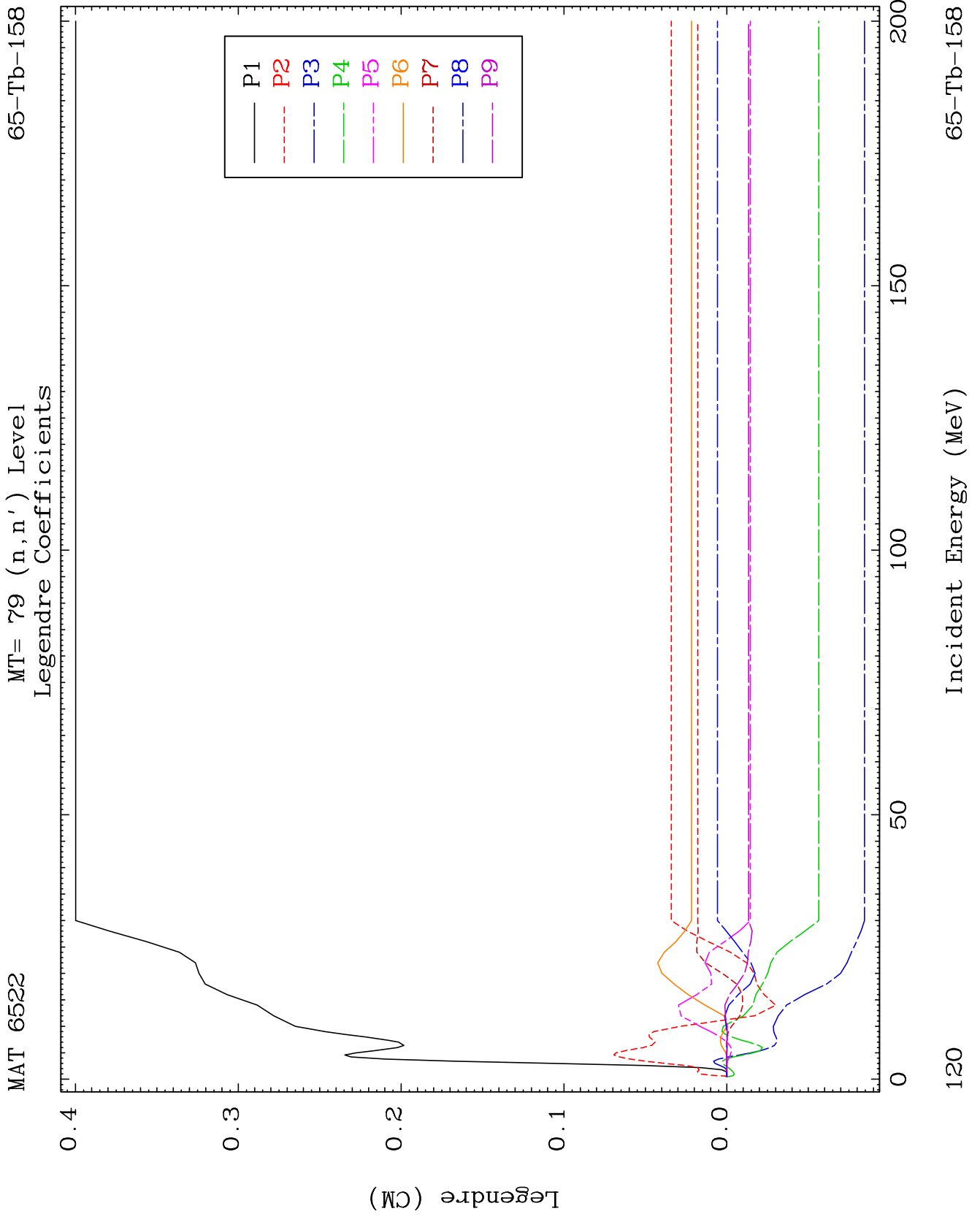
117

Incident Energy (MeV)

65-Tb-158



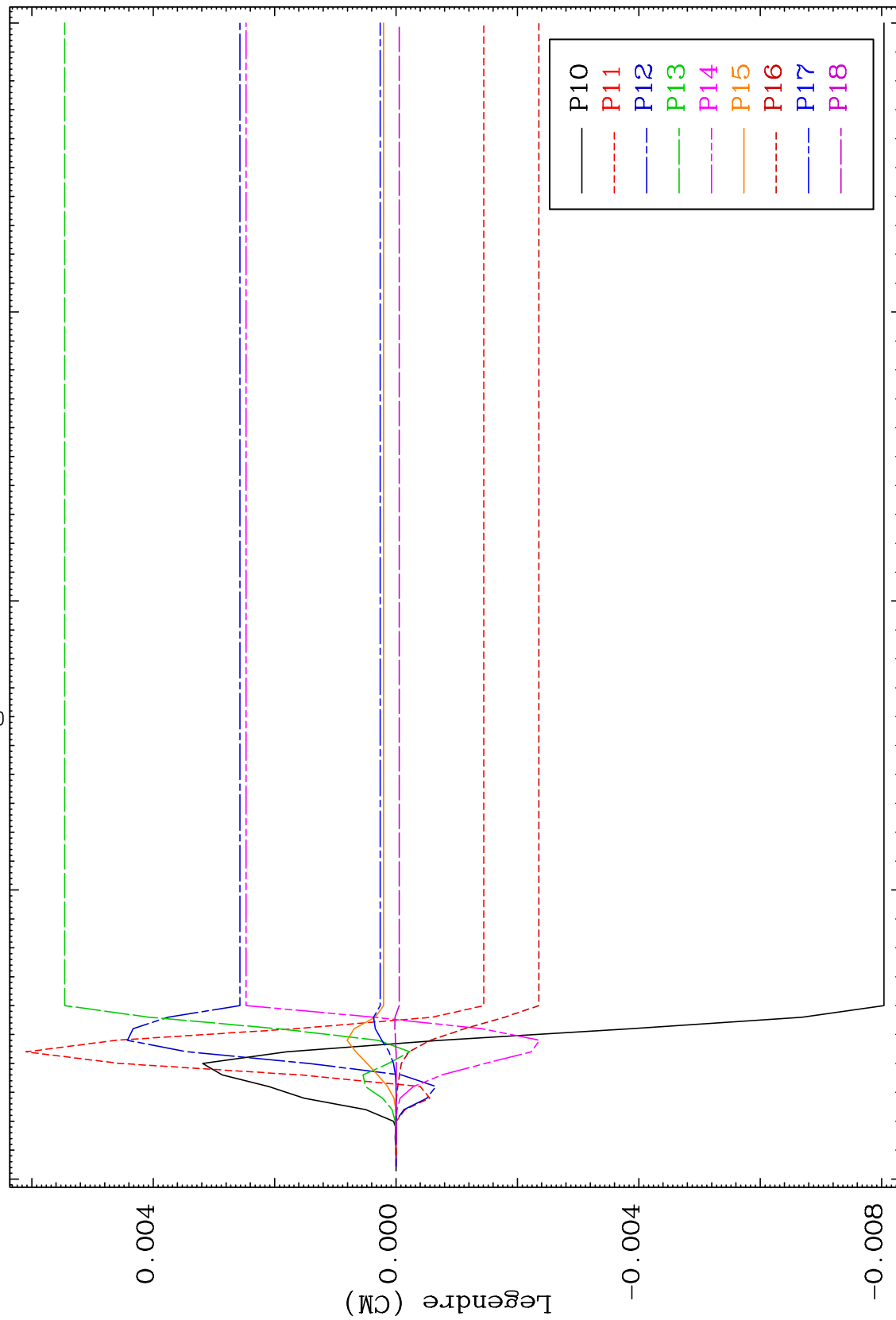




MAT 65222

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

65-Tb-158



65-Tb-158

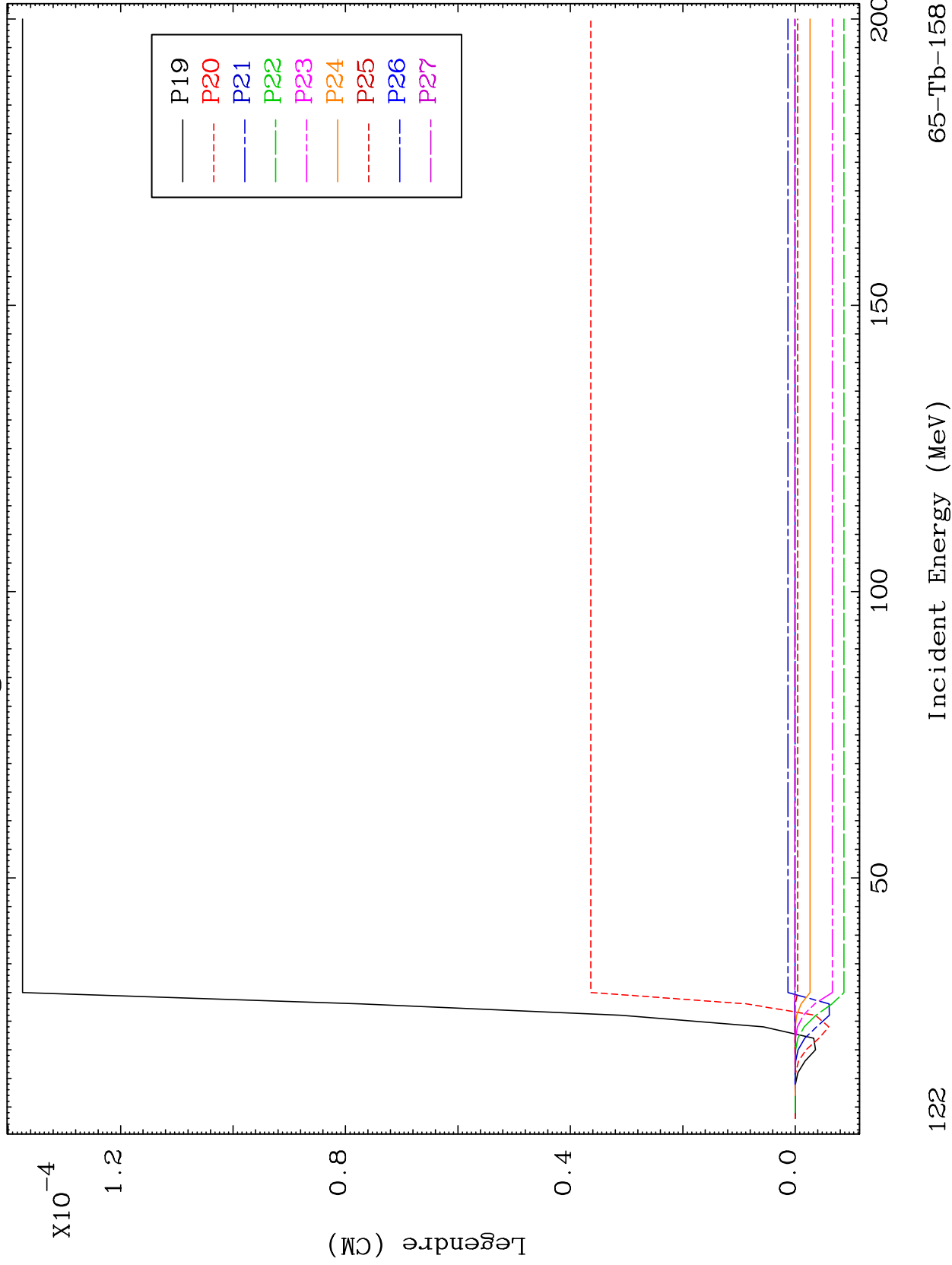
Incident Energy (MeV)

121

MAT 65222

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

65-Tb-158

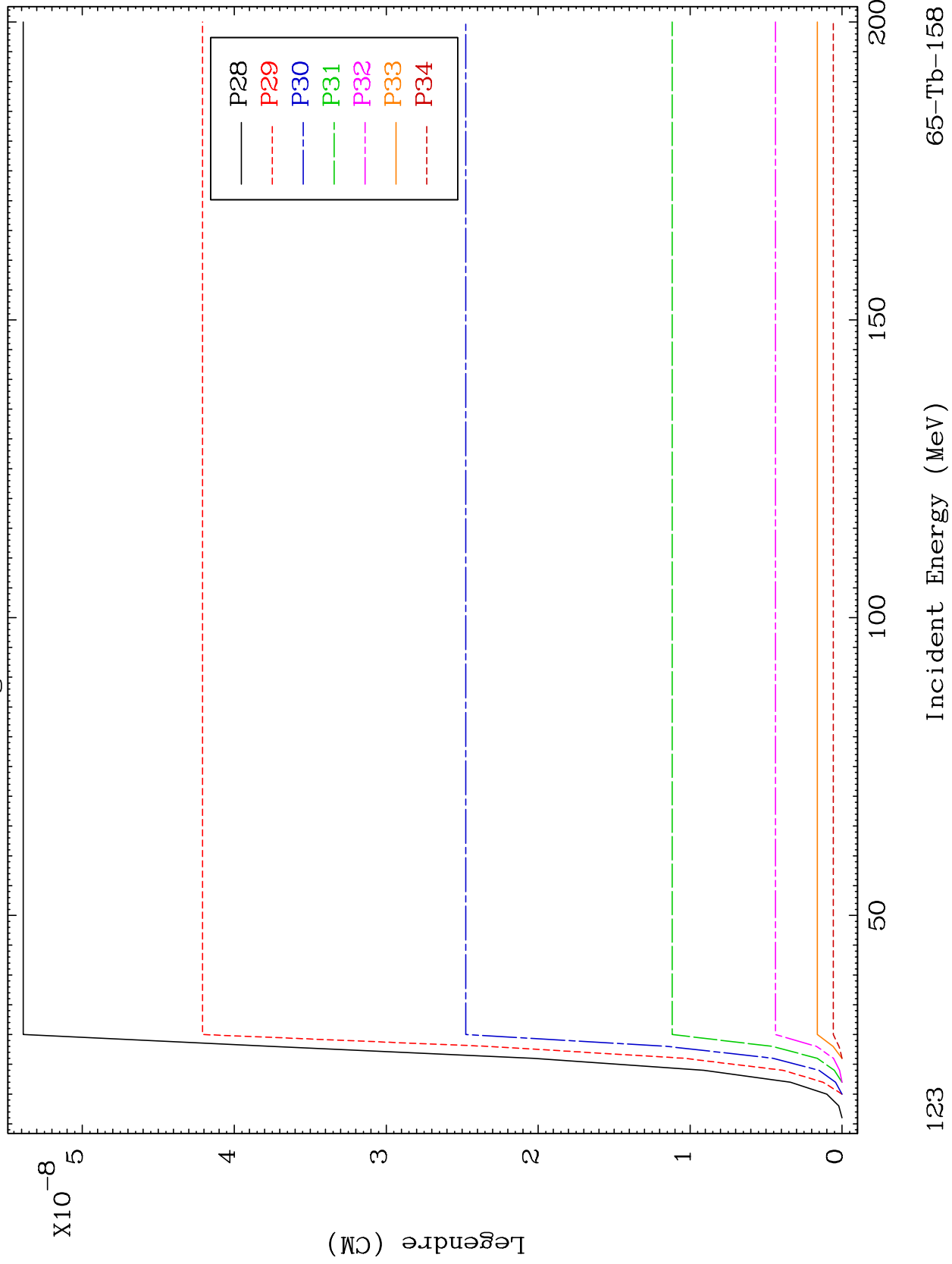


122

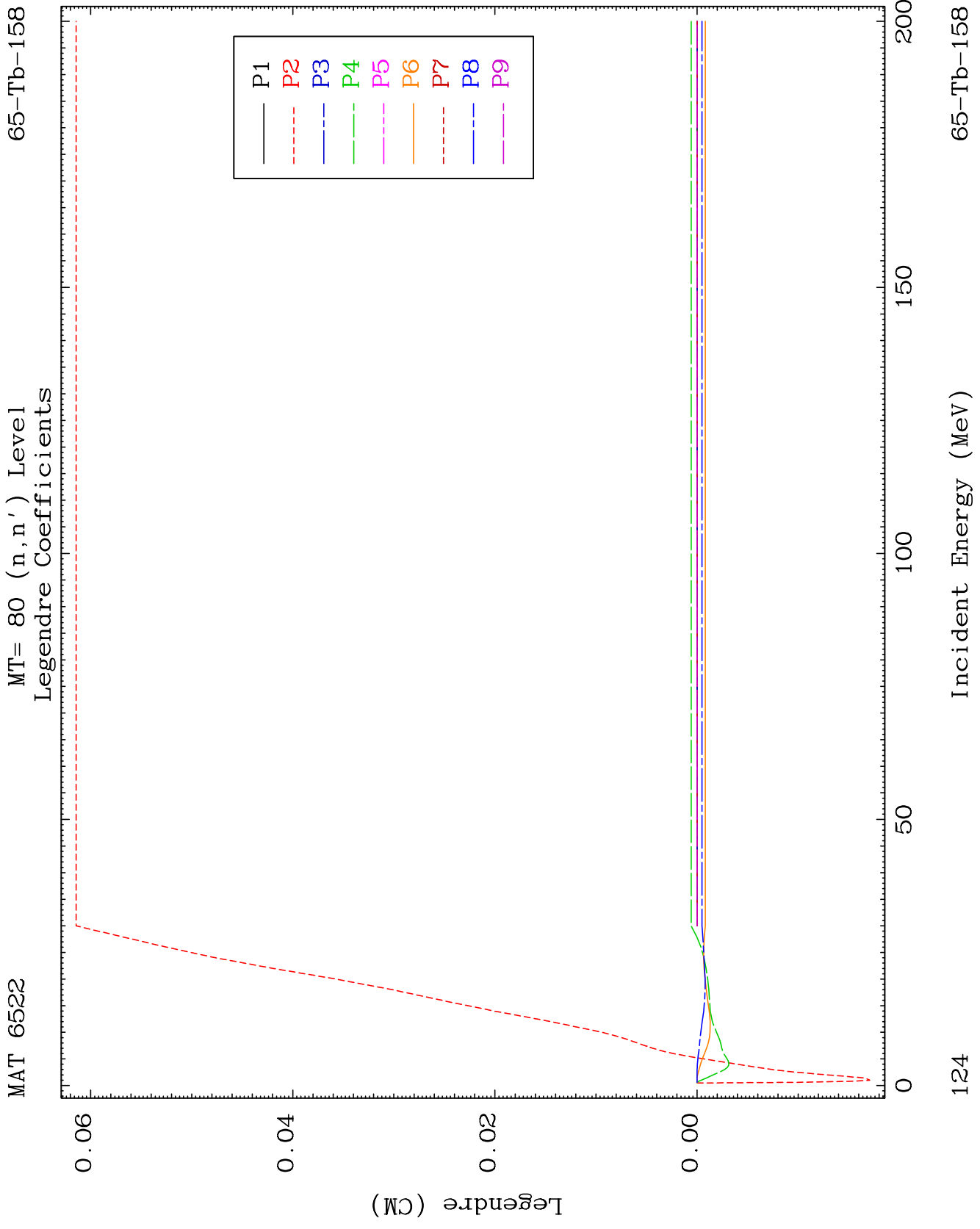
MAT 6522

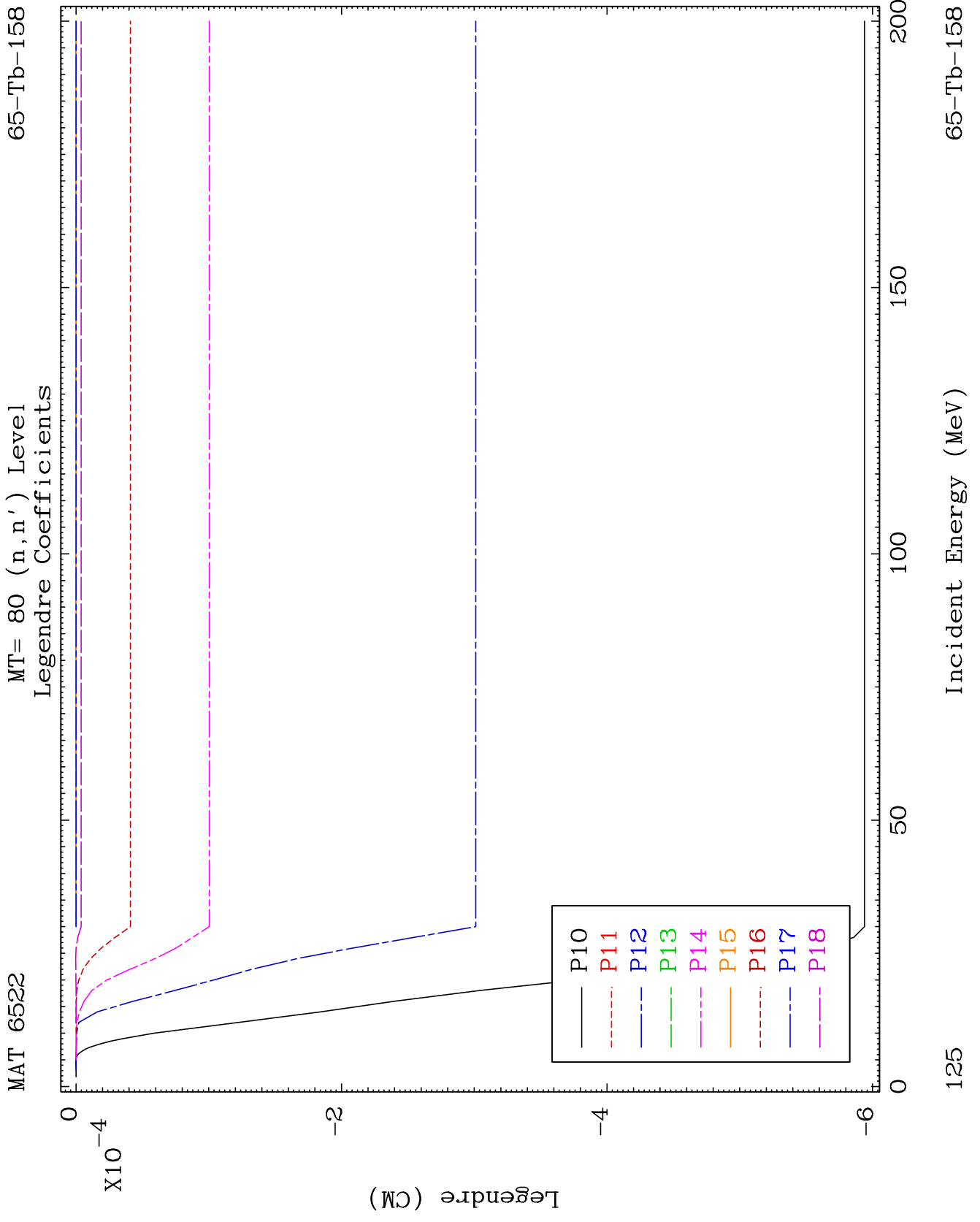
MT= 79 (n,n') Level
Legendre Coefficients

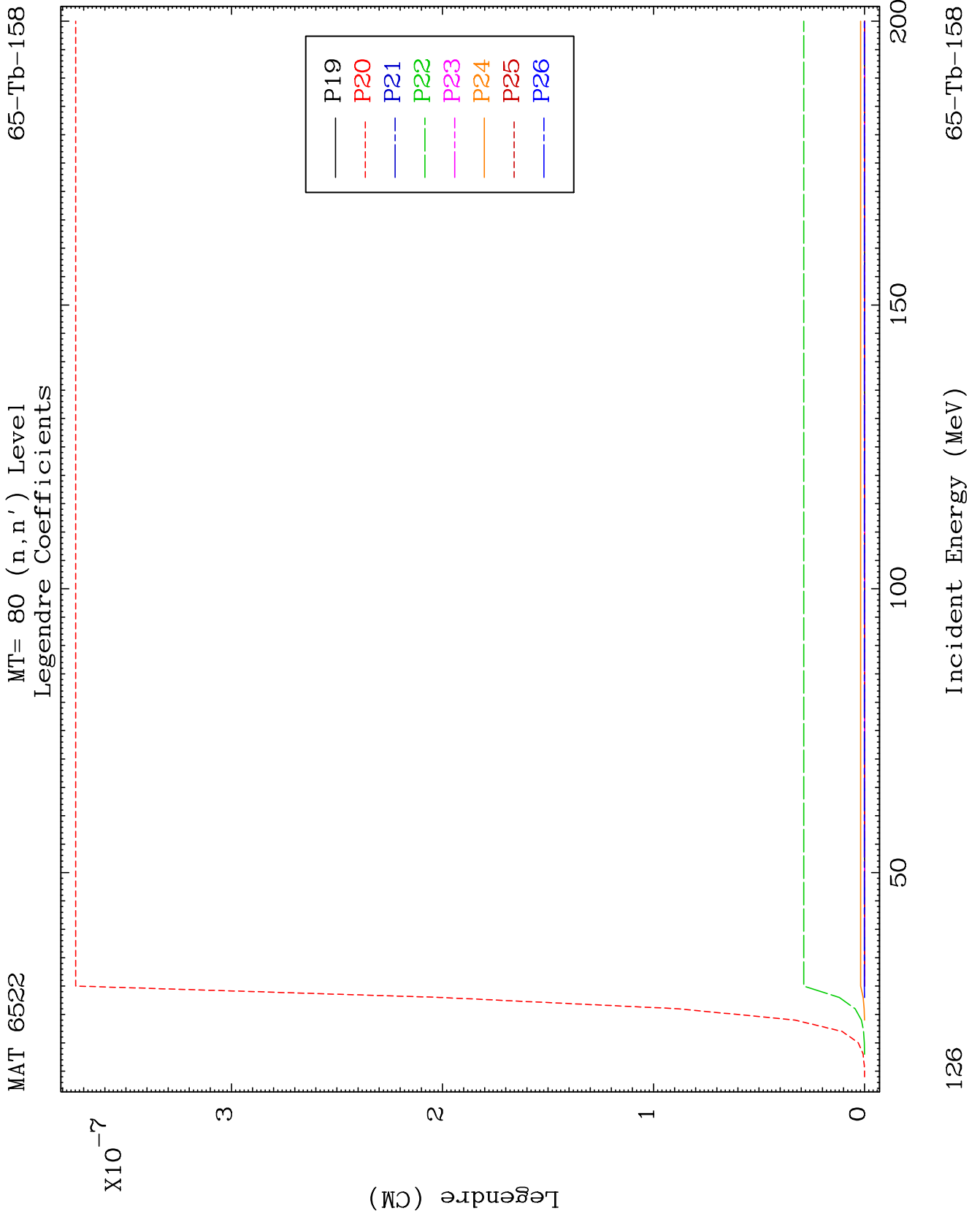
65-Tb-158



123



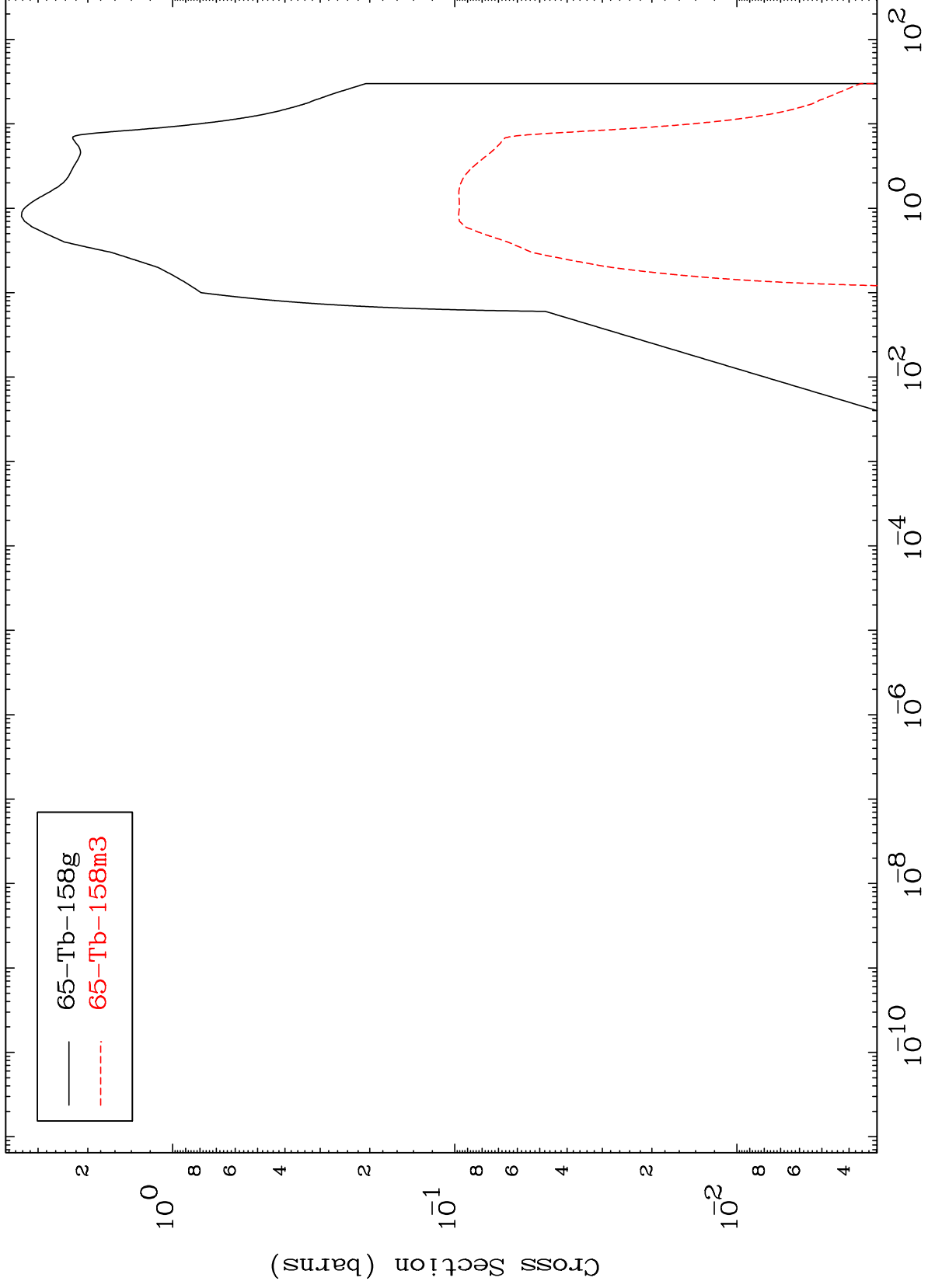




MAT 6522

Inelastic
Radionuclide Production Cross Section

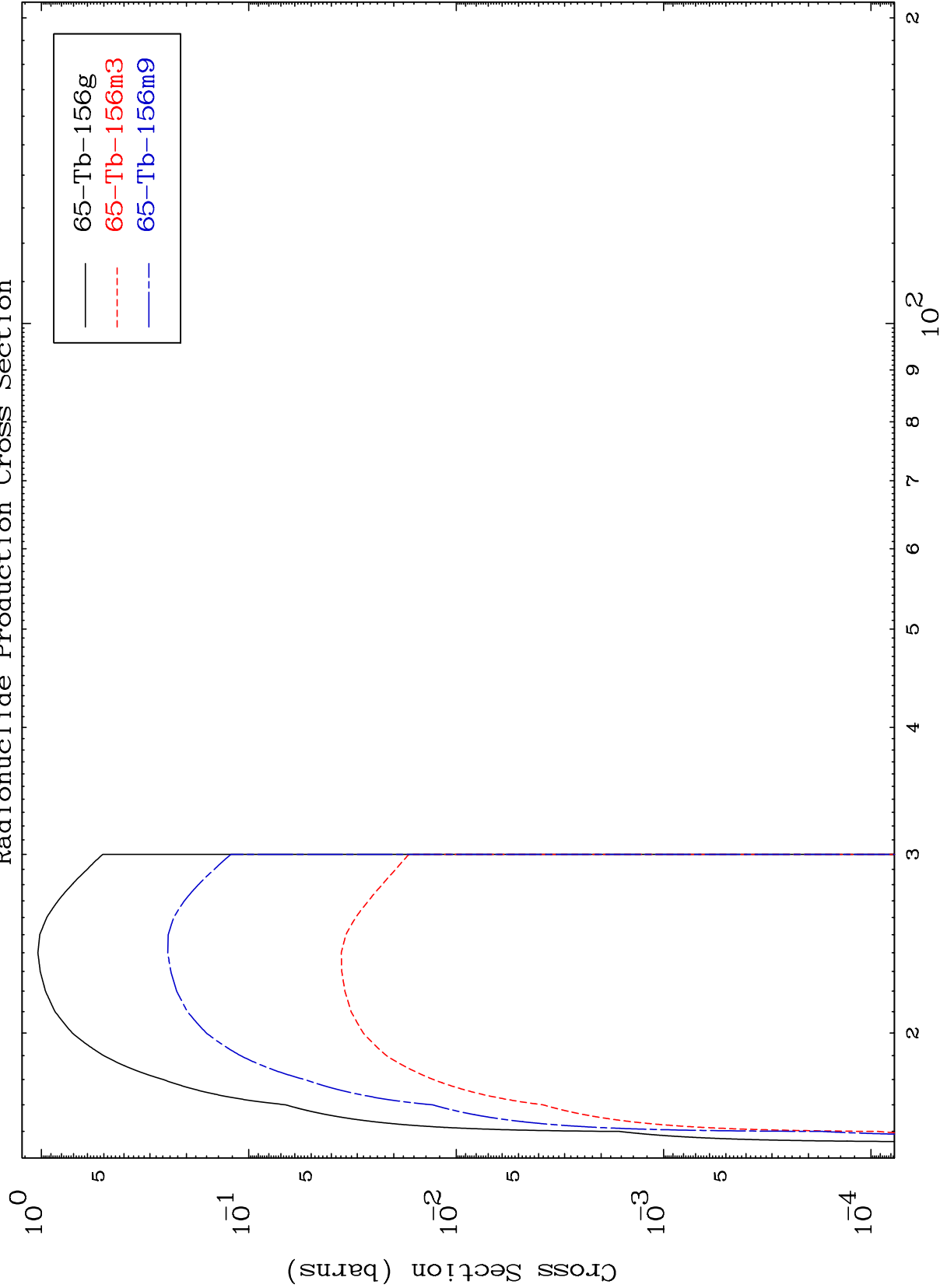
65-Tb-158



127

65-Tb-158

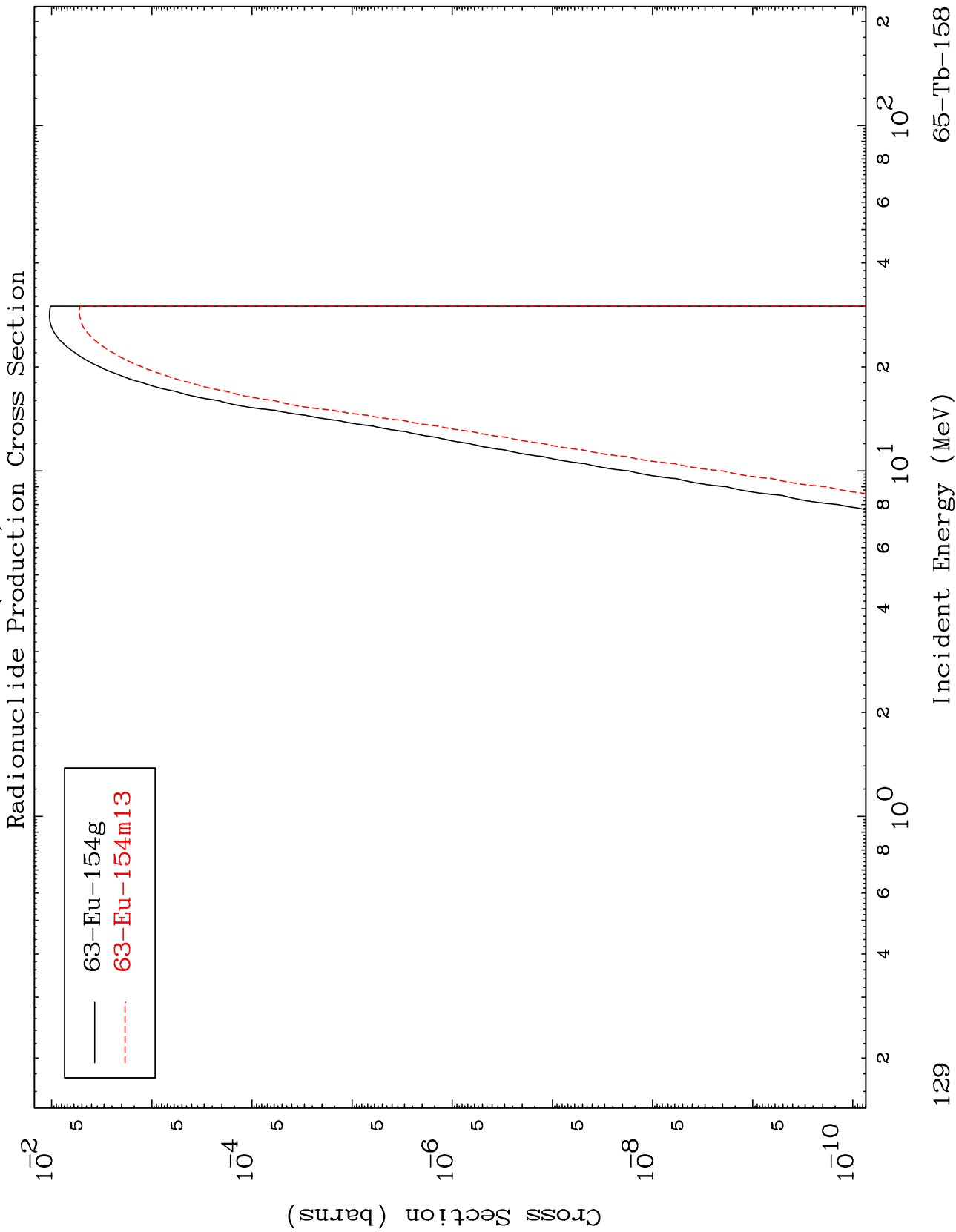
Radionuclide Production Cross Section



MAT 6522

$(n, n') \alpha$

65-Tb-158

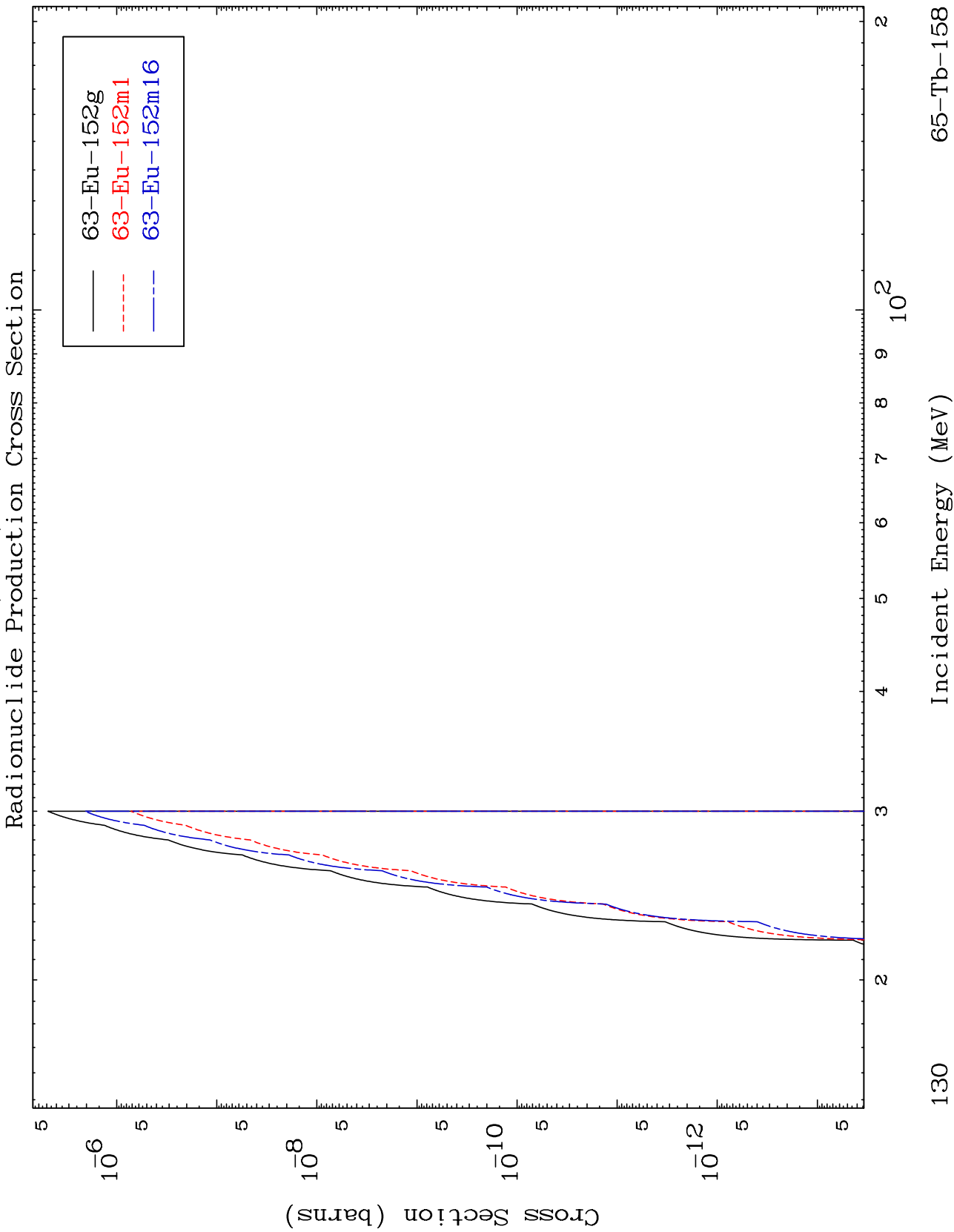


63-Eu-154g
63-Eu-154m13

MAT 6522

(n,3n) α

65-Tb-158



130

Incident Energy (MeV)

65-Tb-158