

Program EVALPLOT
(Version 2017-1)

by

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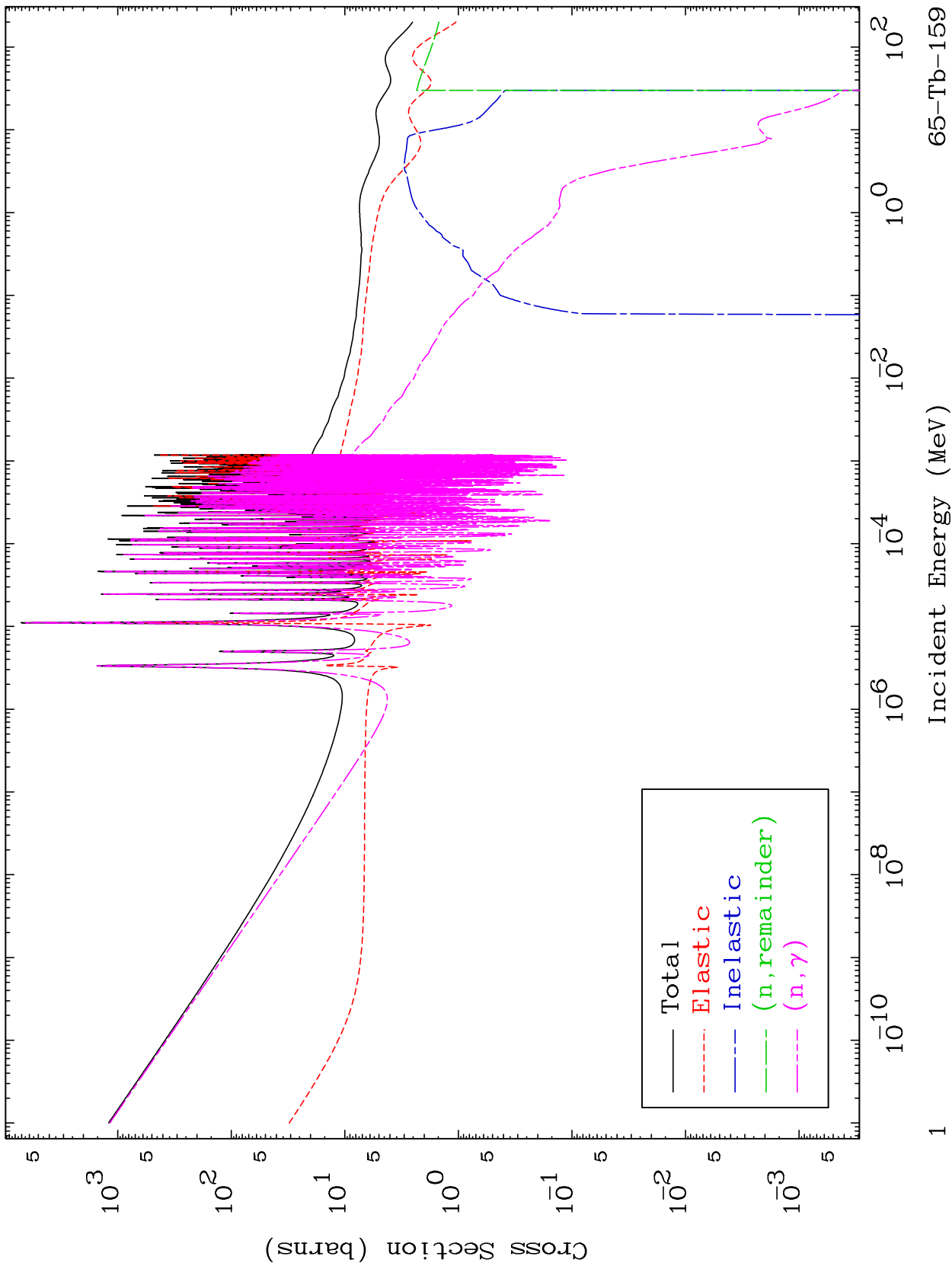
Press Mouse Button to Start

MAT 6525

Major

293 Kelvin Cross Sections

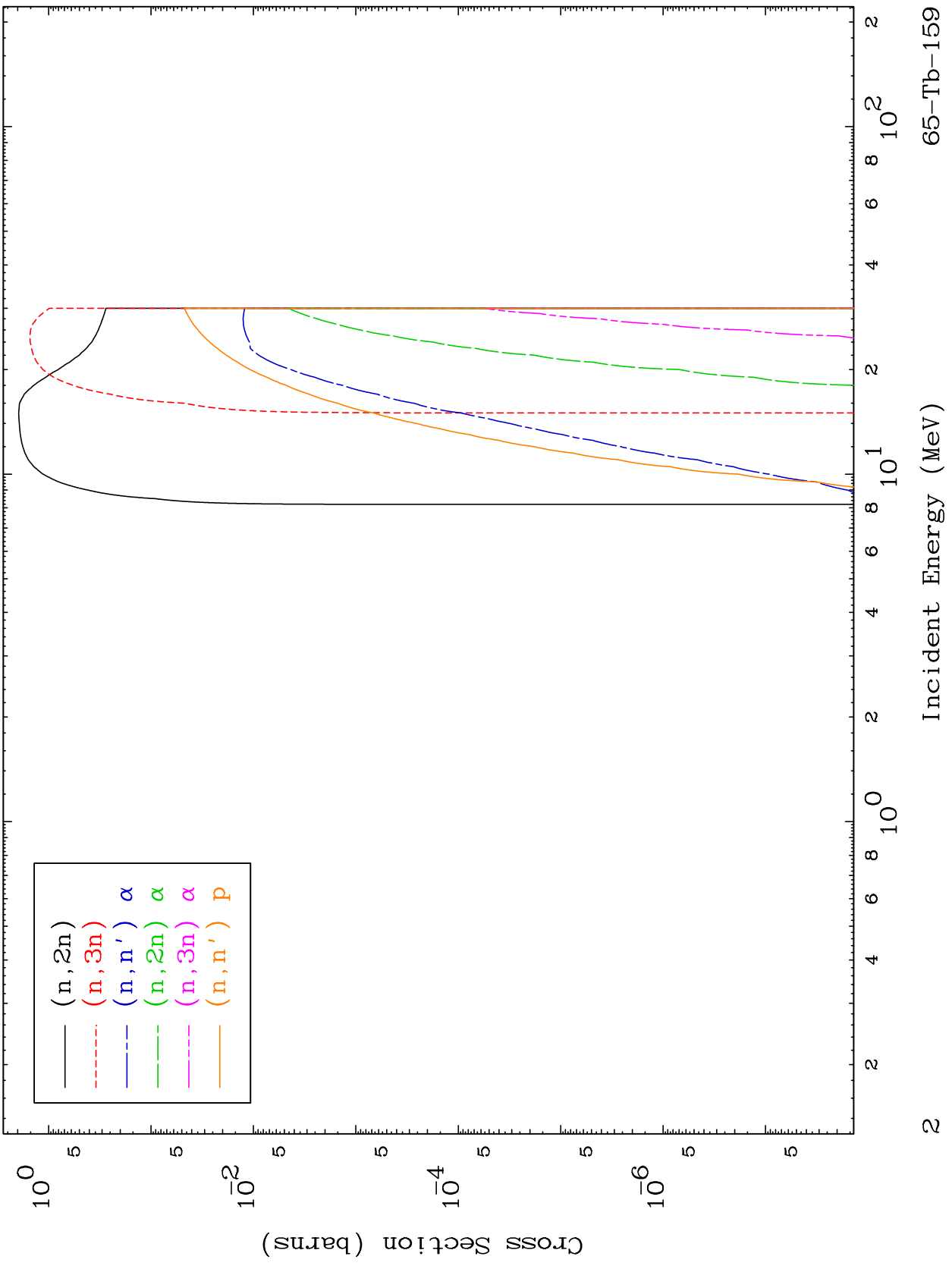
65-Tb-159

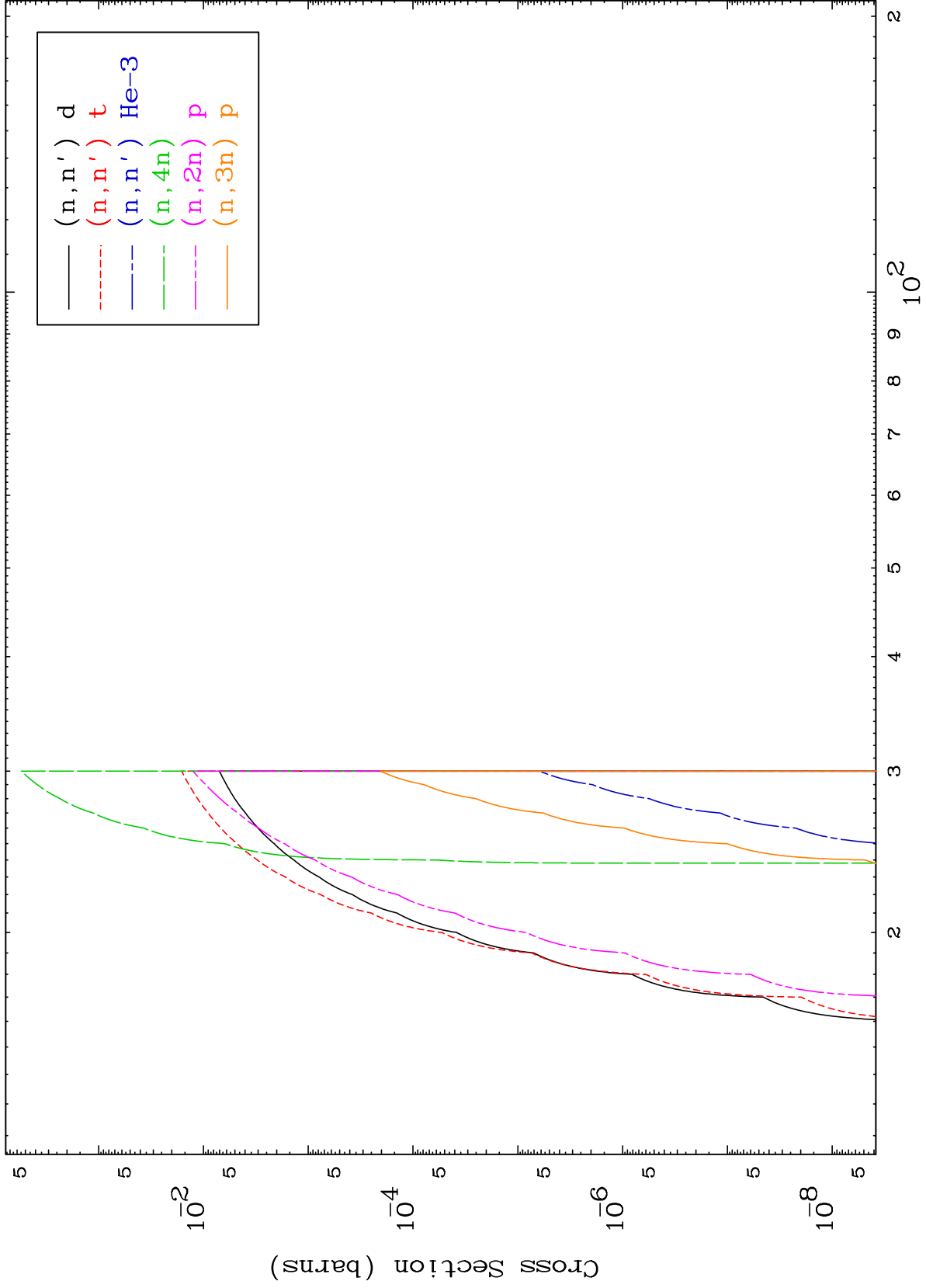


MAT 6525

Neutron Production
293 Kelvin Cross Sections

65-Tb-159

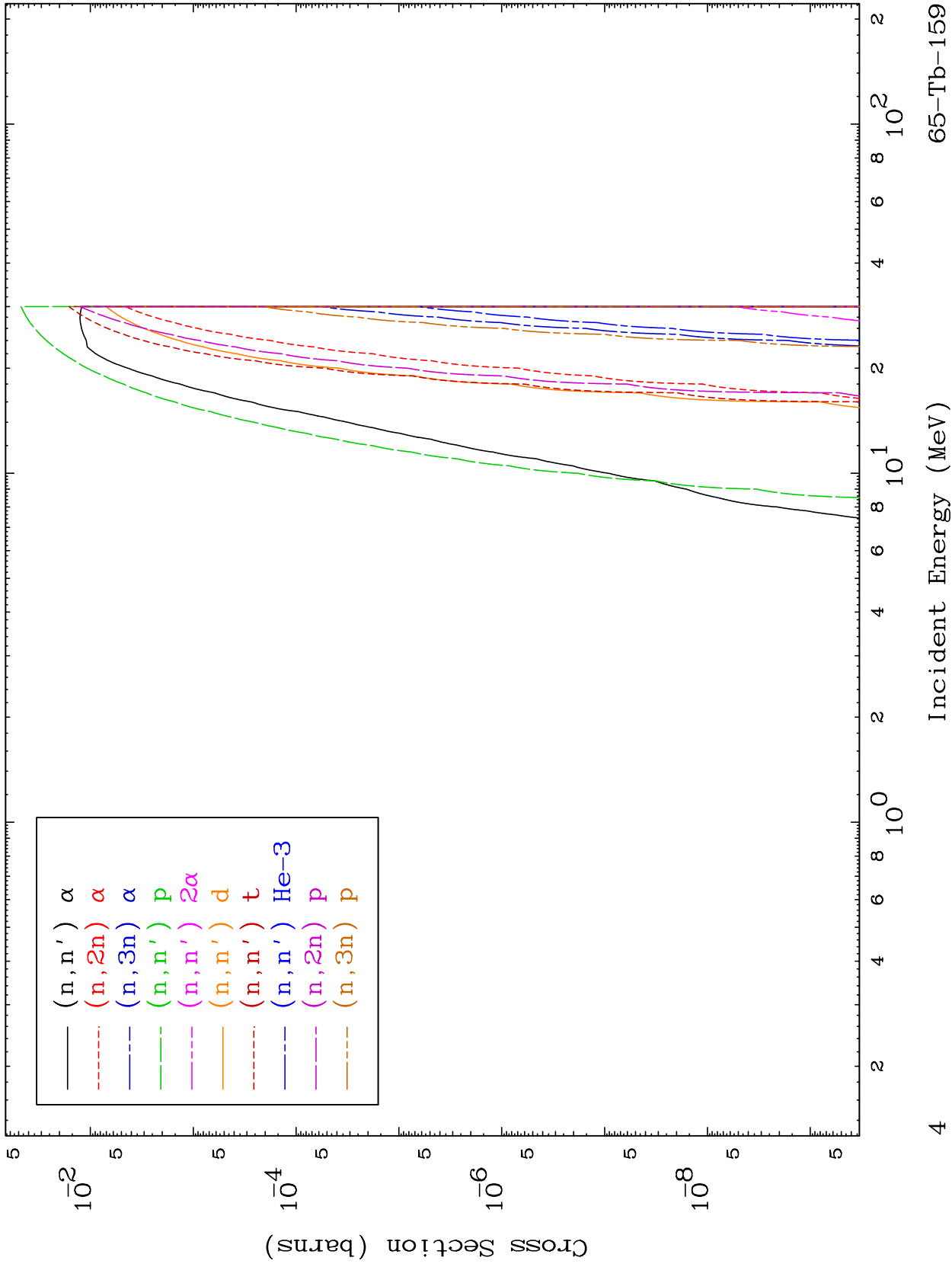




MAT 6525

Charged Particle
293 Kelvin Cross Sections

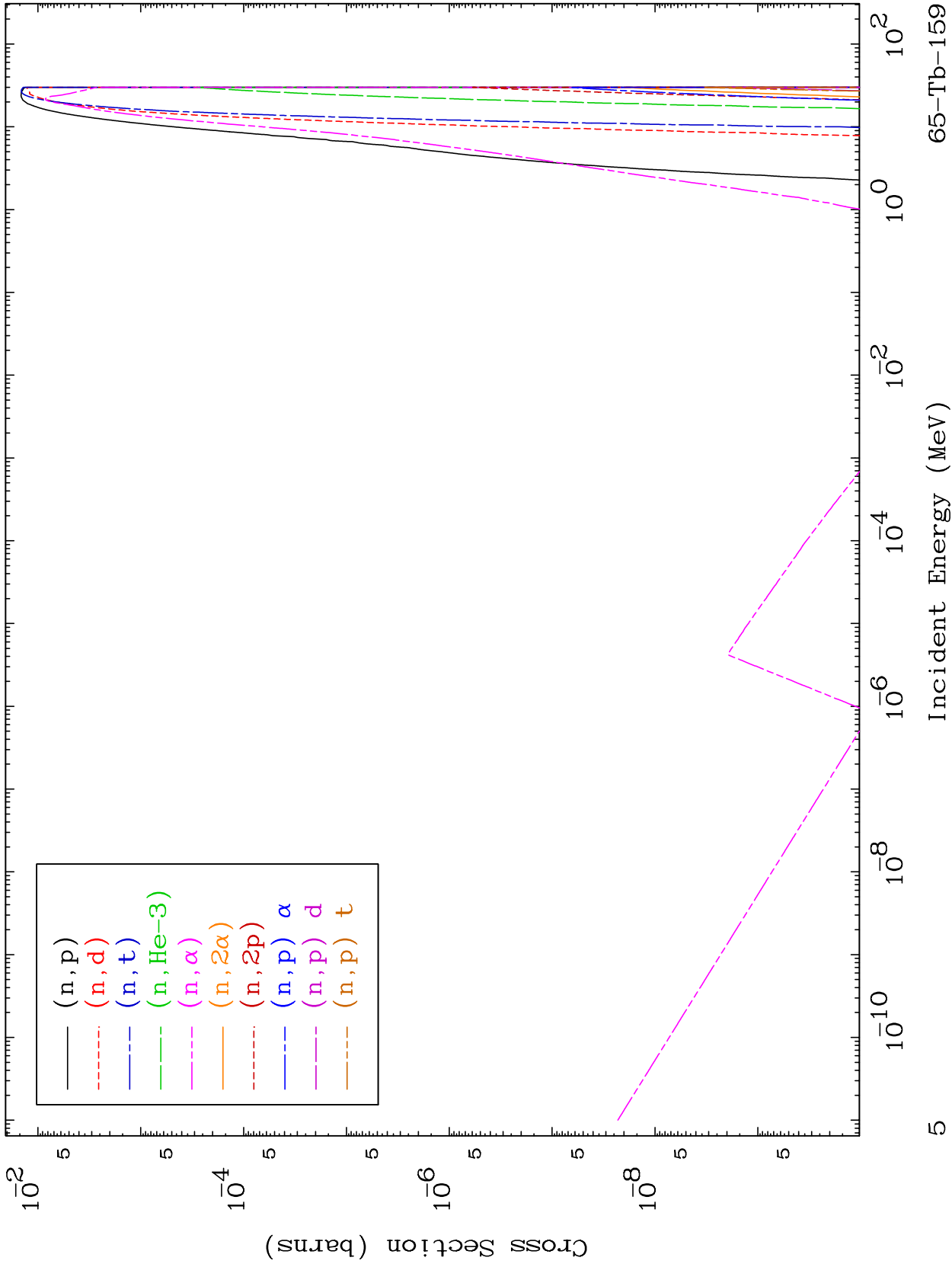
65-Tb-159



MAT 6525

Charged Particle
293 Kelvin Cross Sections

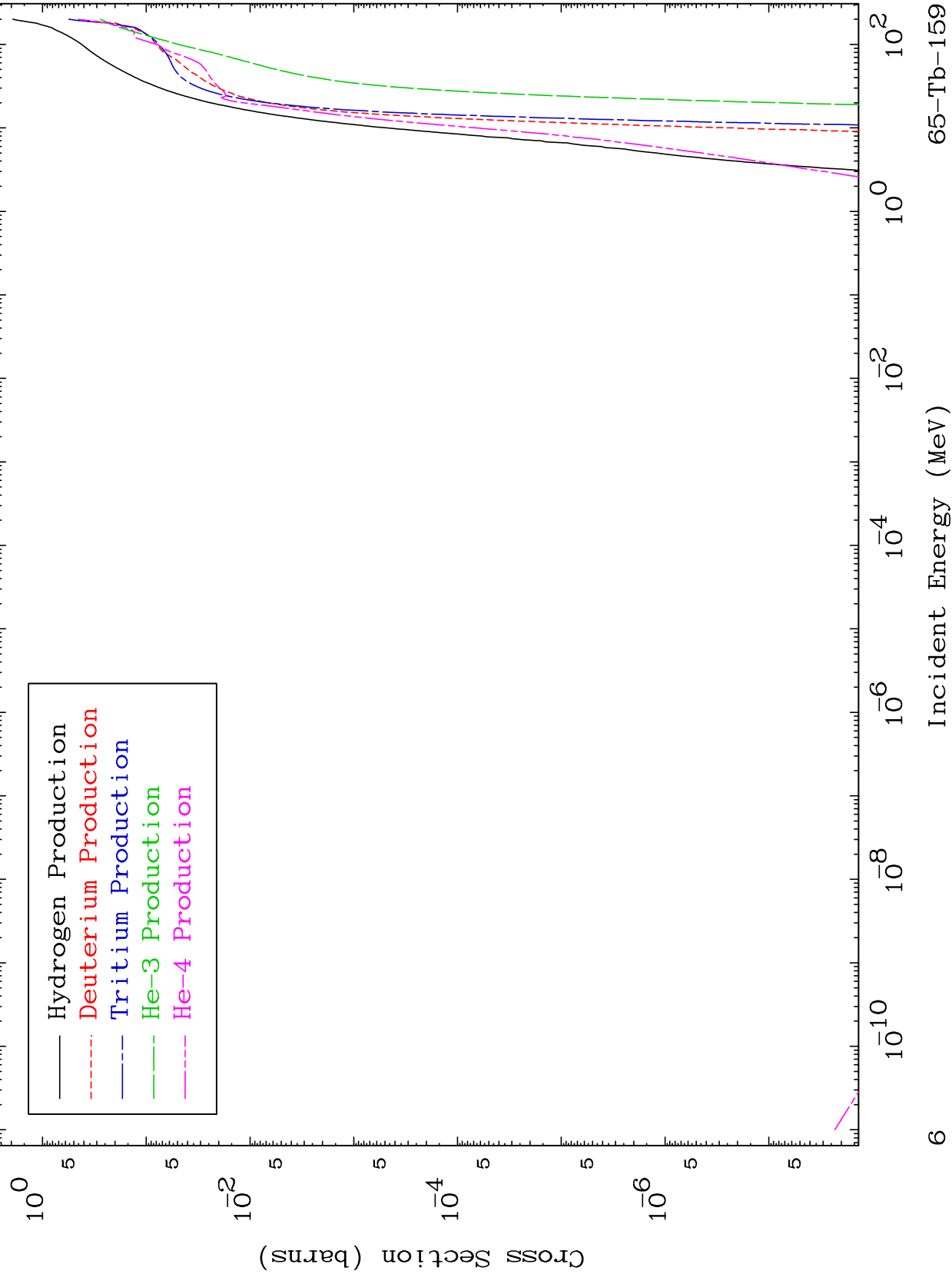
65-Tb-159



MAT 6525

Particle Production
293 Kelvin Cross Sections

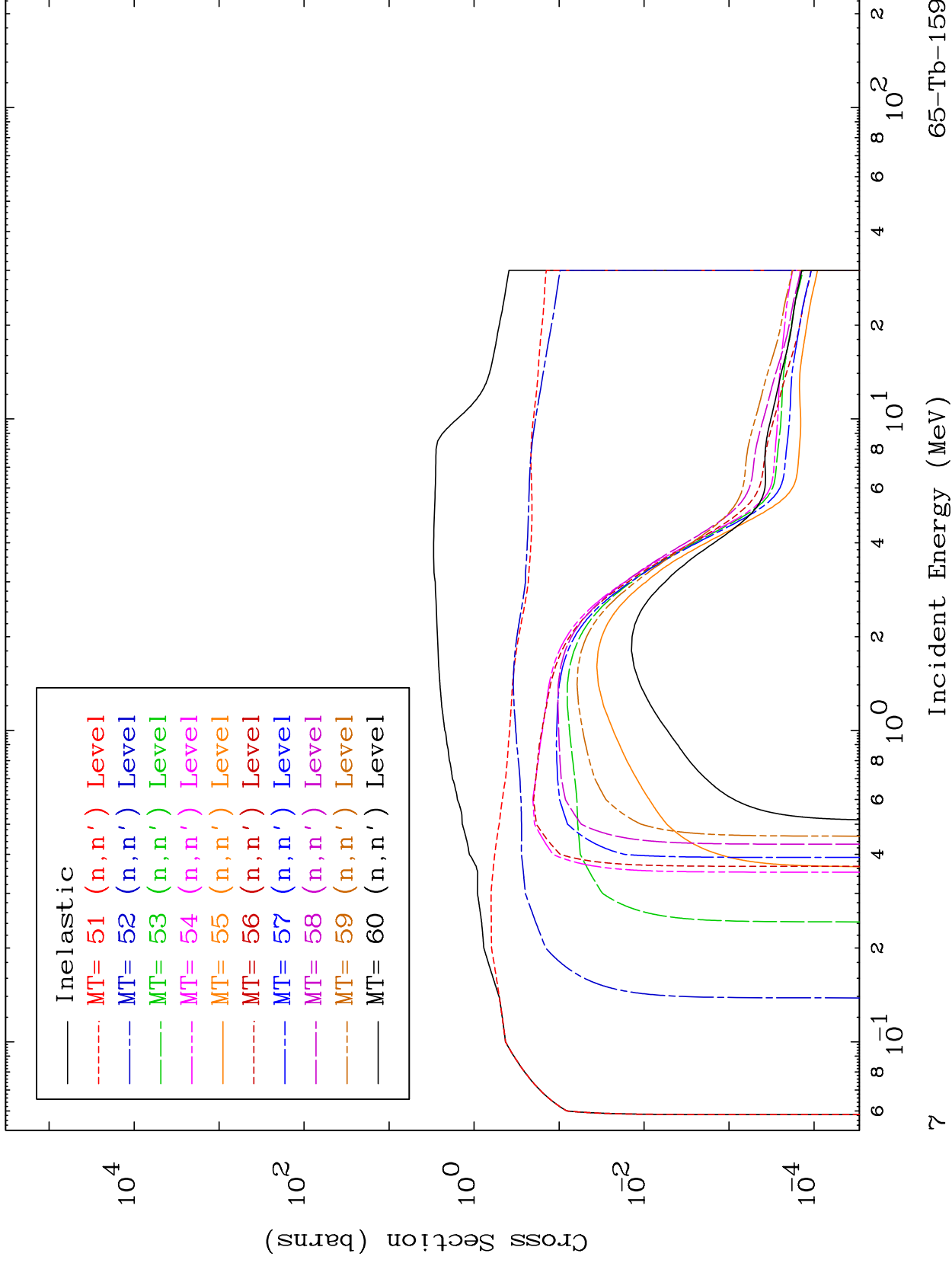
65-Tb-159



MAT 6525

(n,n') Level
293 Kelvin Cross Sections

65-Tb-159

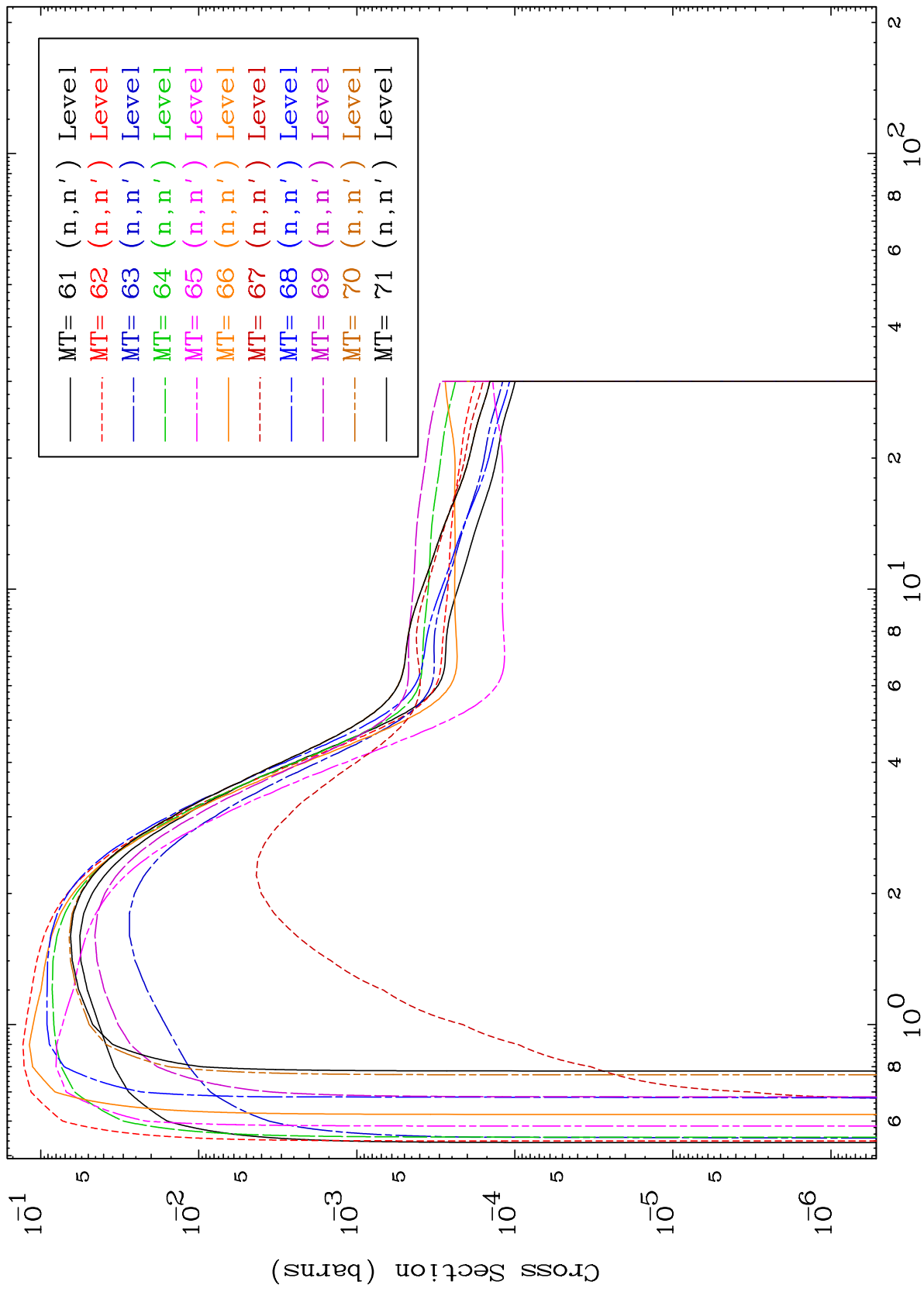


MAT 6525

(n,n') Level

293 Kelvin Cross Sections

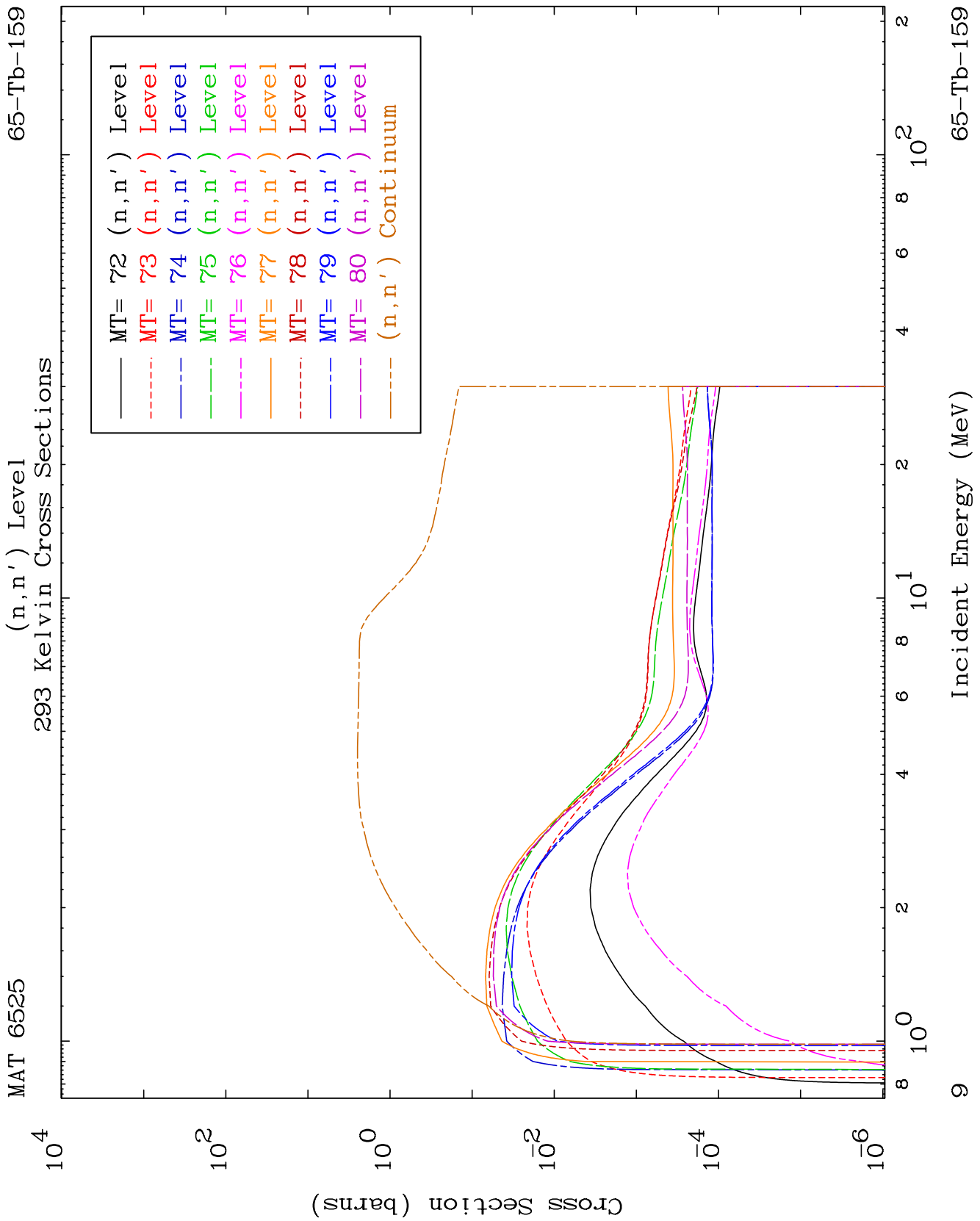
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Incident Energy (MeV)

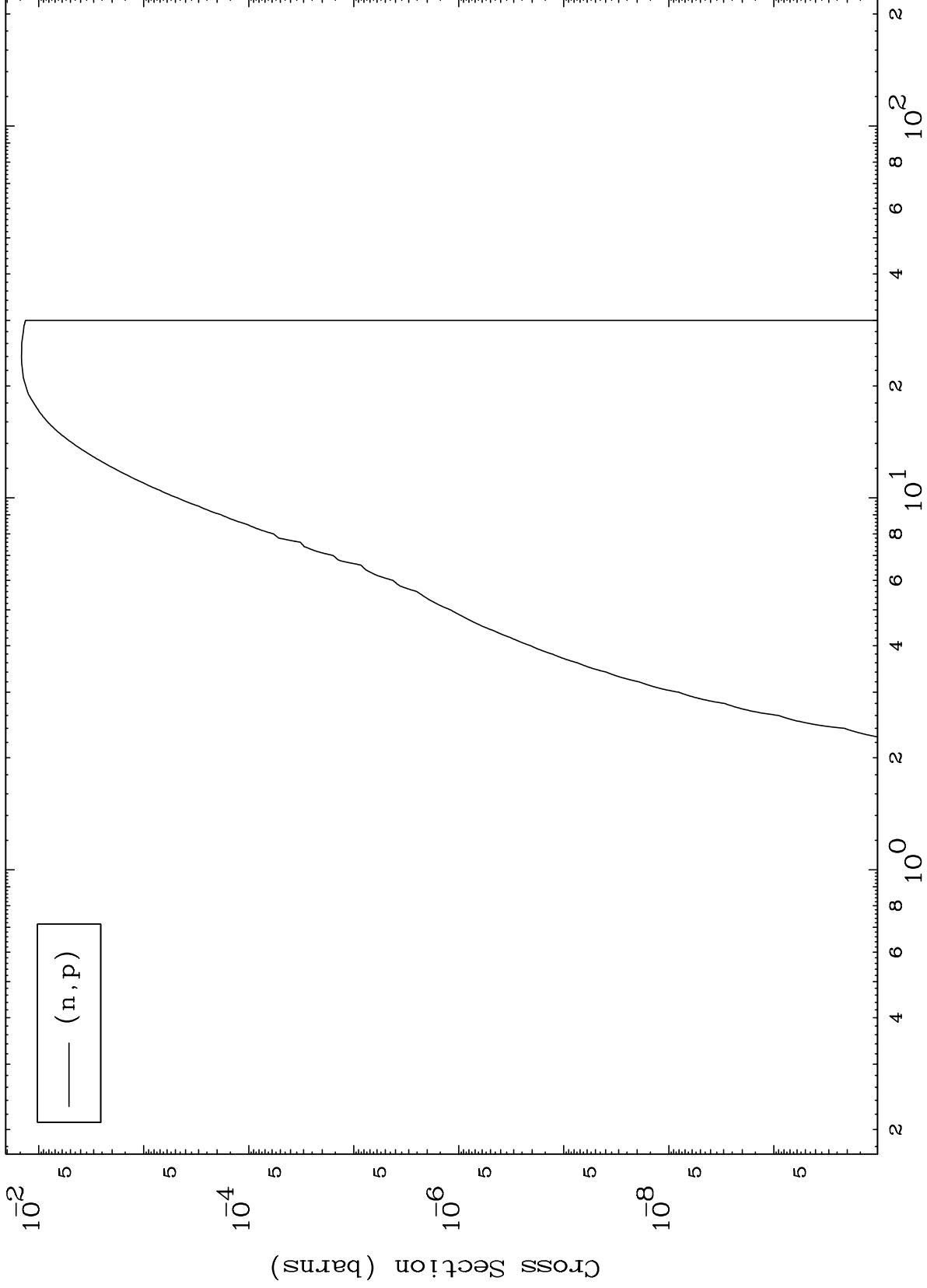
65-Tb-159



MAT 6525

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-159



10

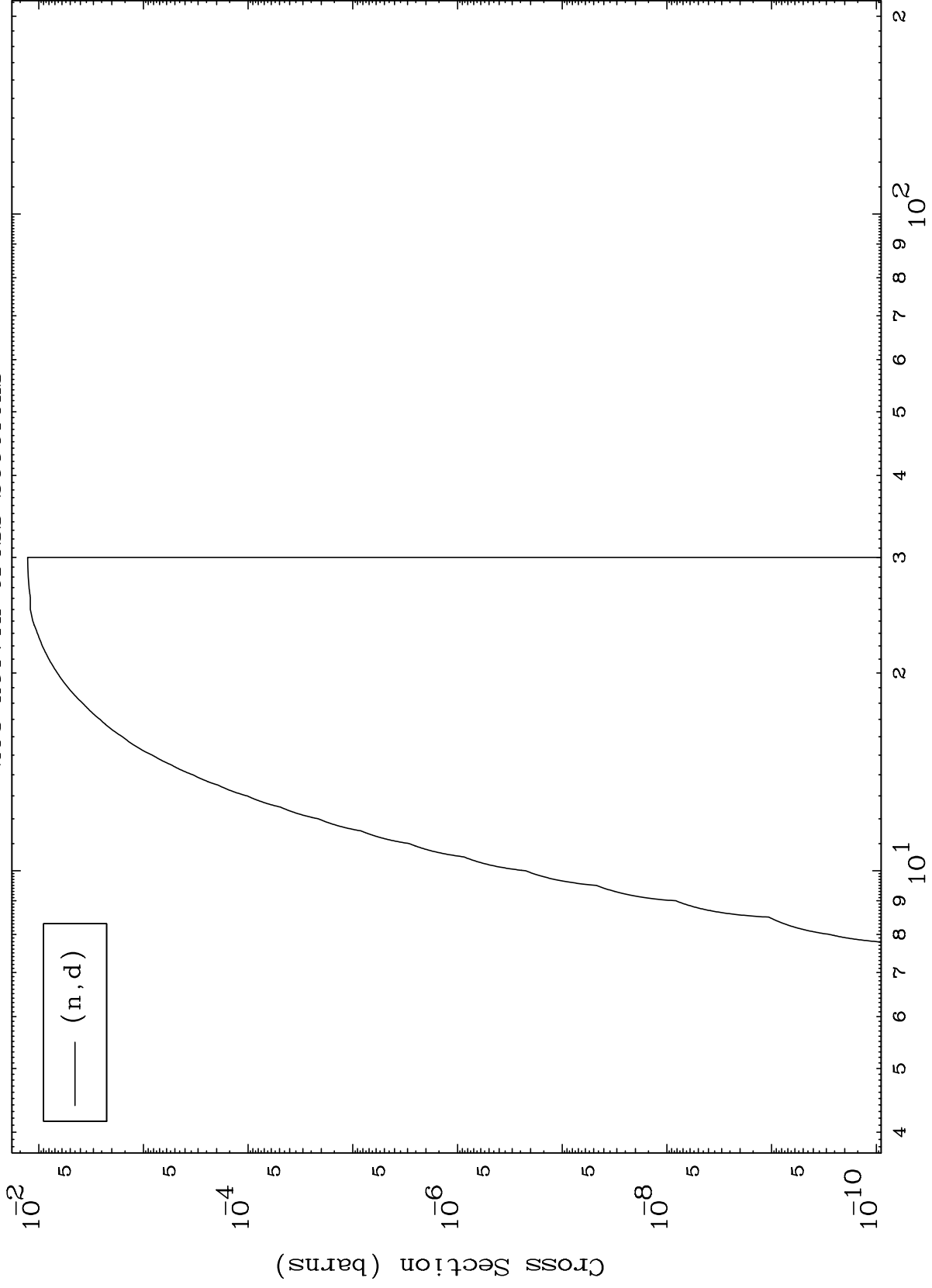
Incident Energy (MeV)

65-Tb-159

MAT 6525

(n,d) Levels
293 Kelvin Cross Sections

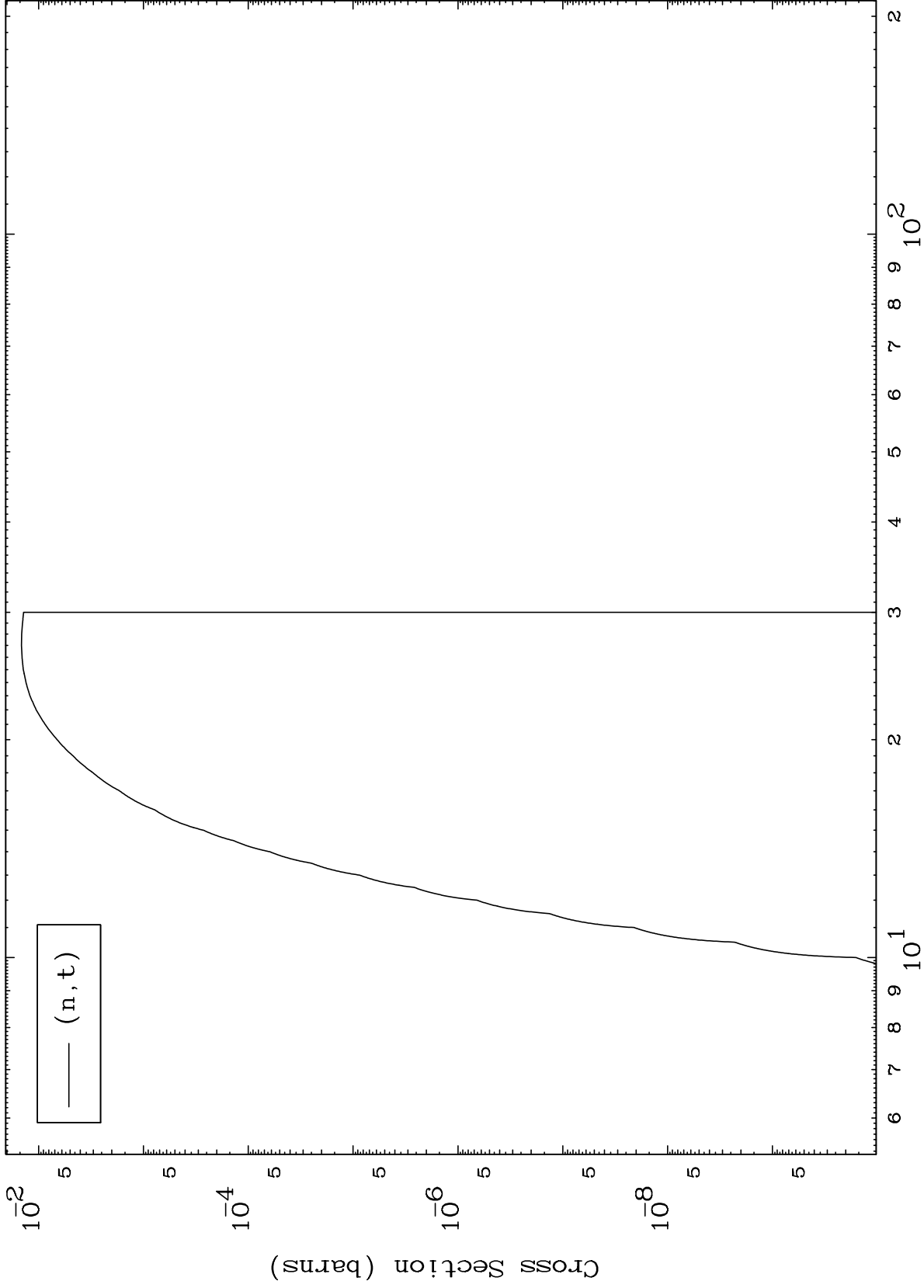
65-Tb-159



MAT 6525

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-159



12

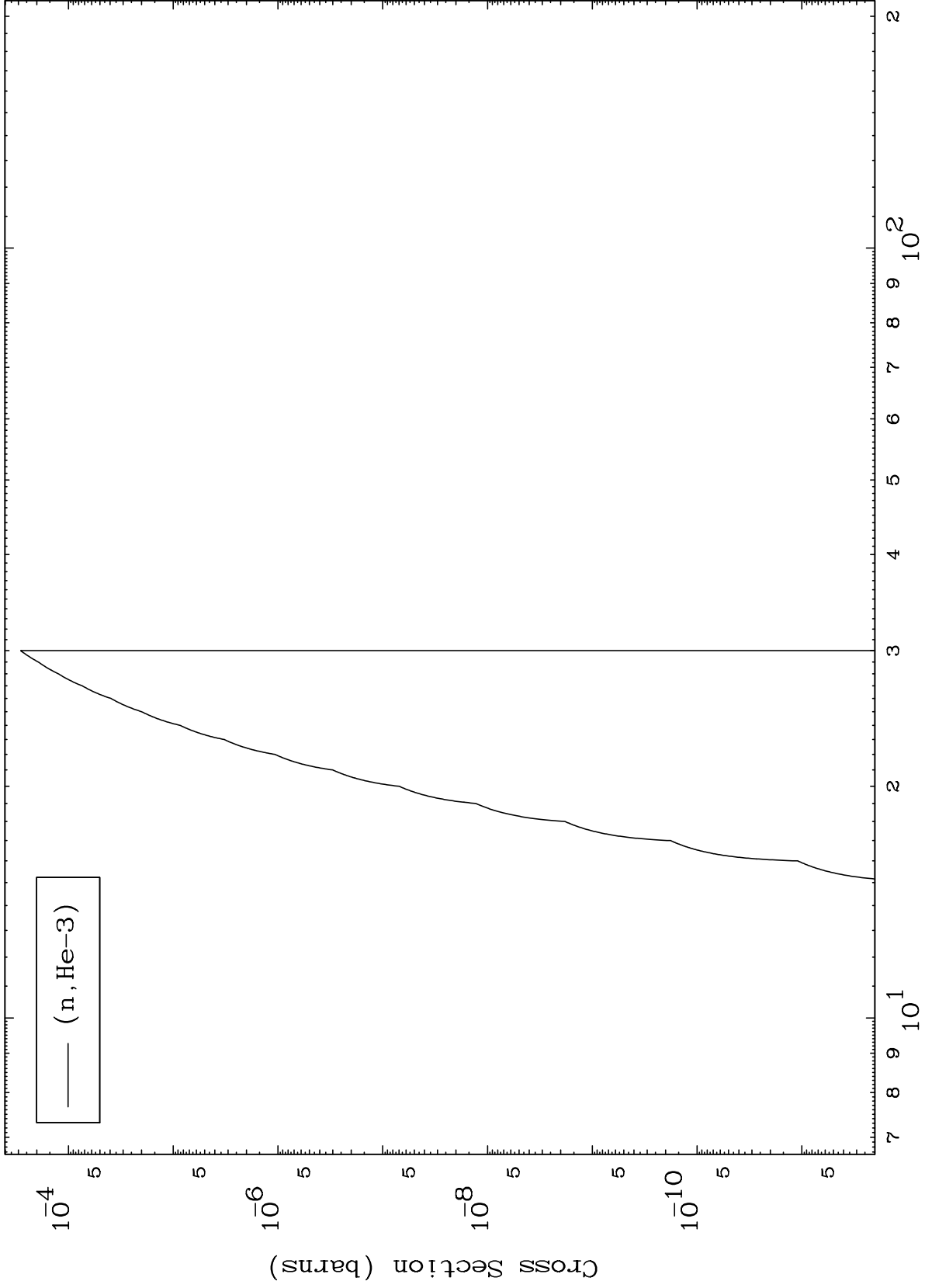
Incident Energy (MeV)

65-Tb-159

MAT 6525

(n,He3) Levels
293 Kelvin Cross Sections

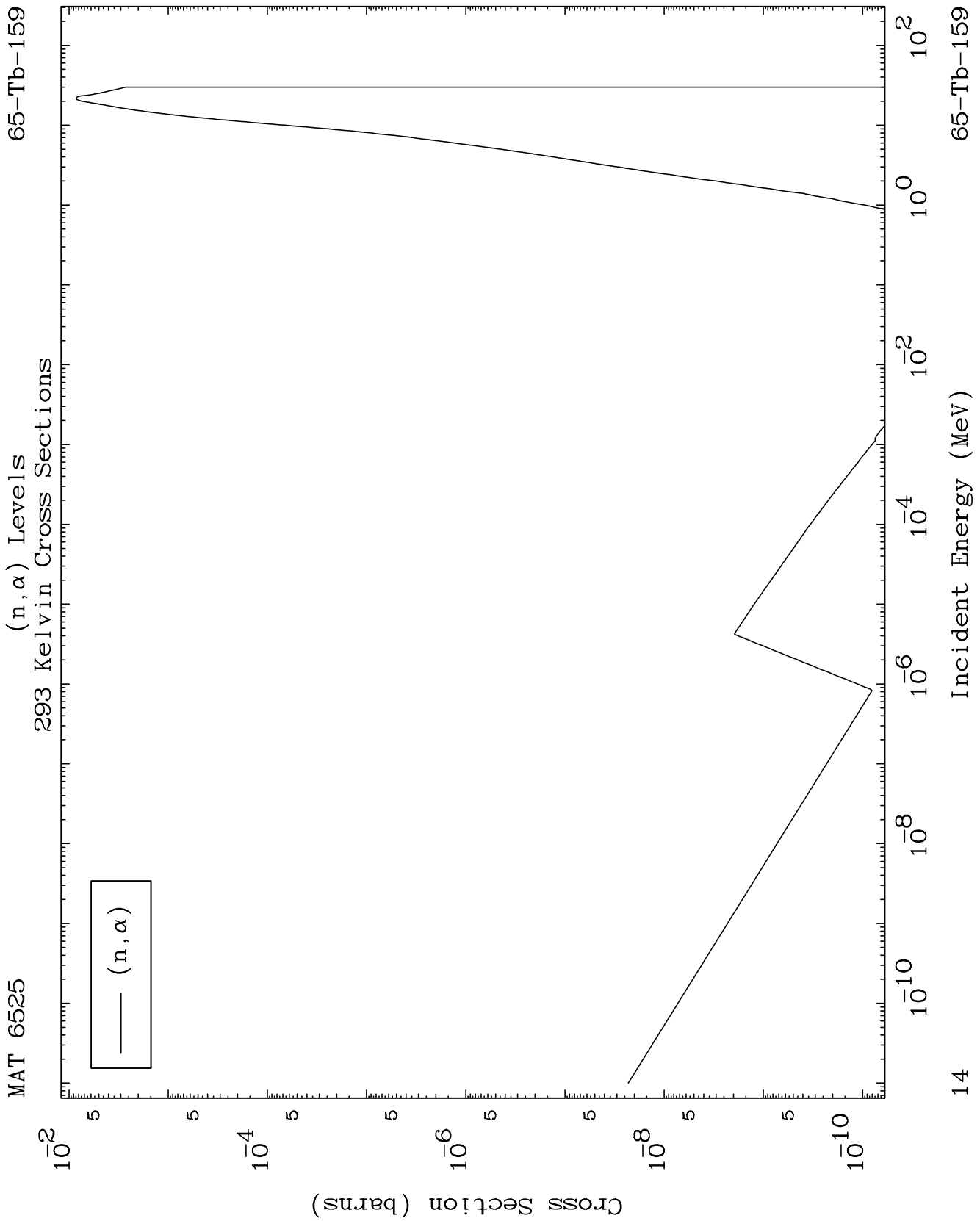
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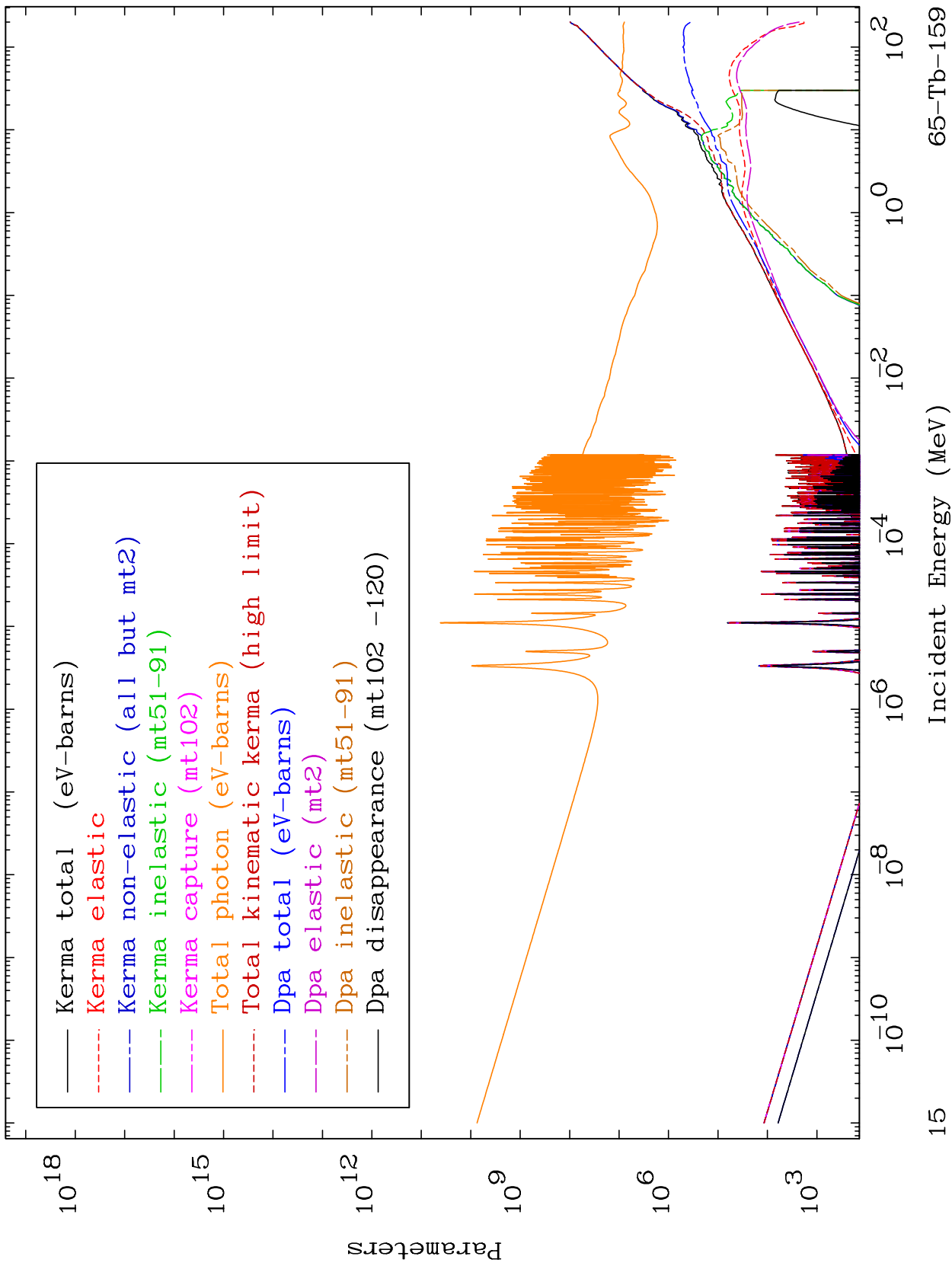


13

Incident Energy (MeV)

65-Tb-159

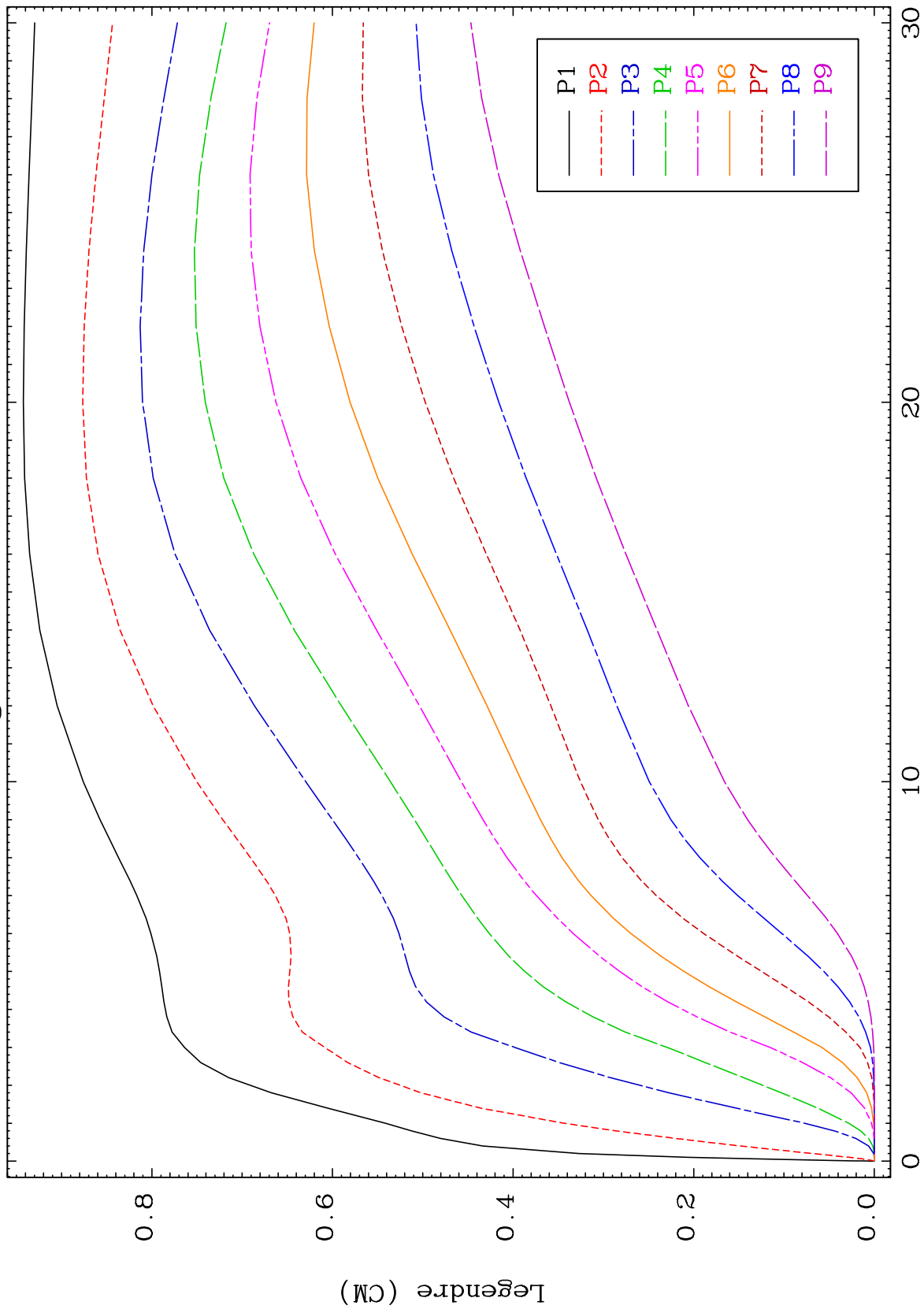




MAT 6525

Elastic Legendre Coefficients

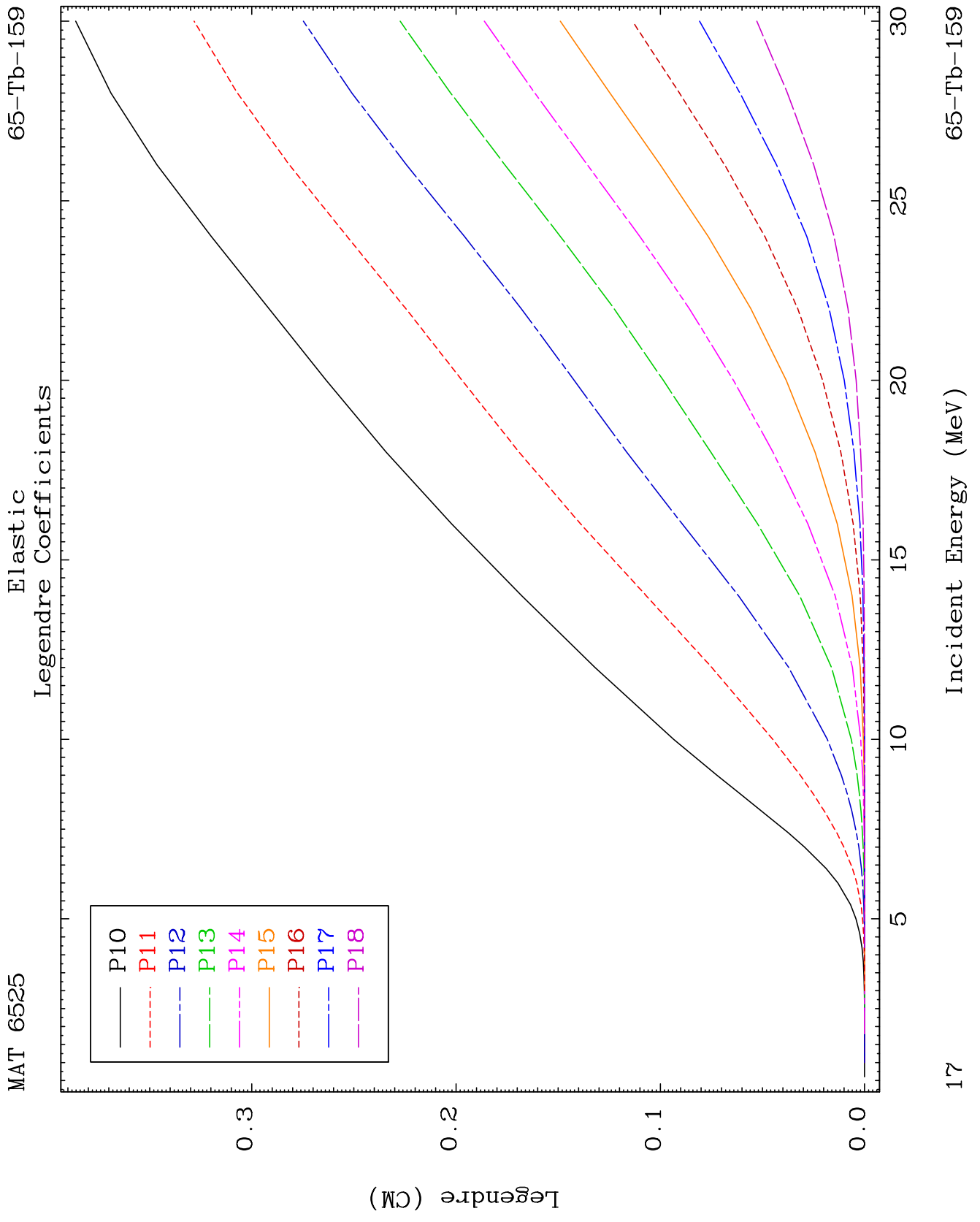
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16

Incident Energy (MeV)

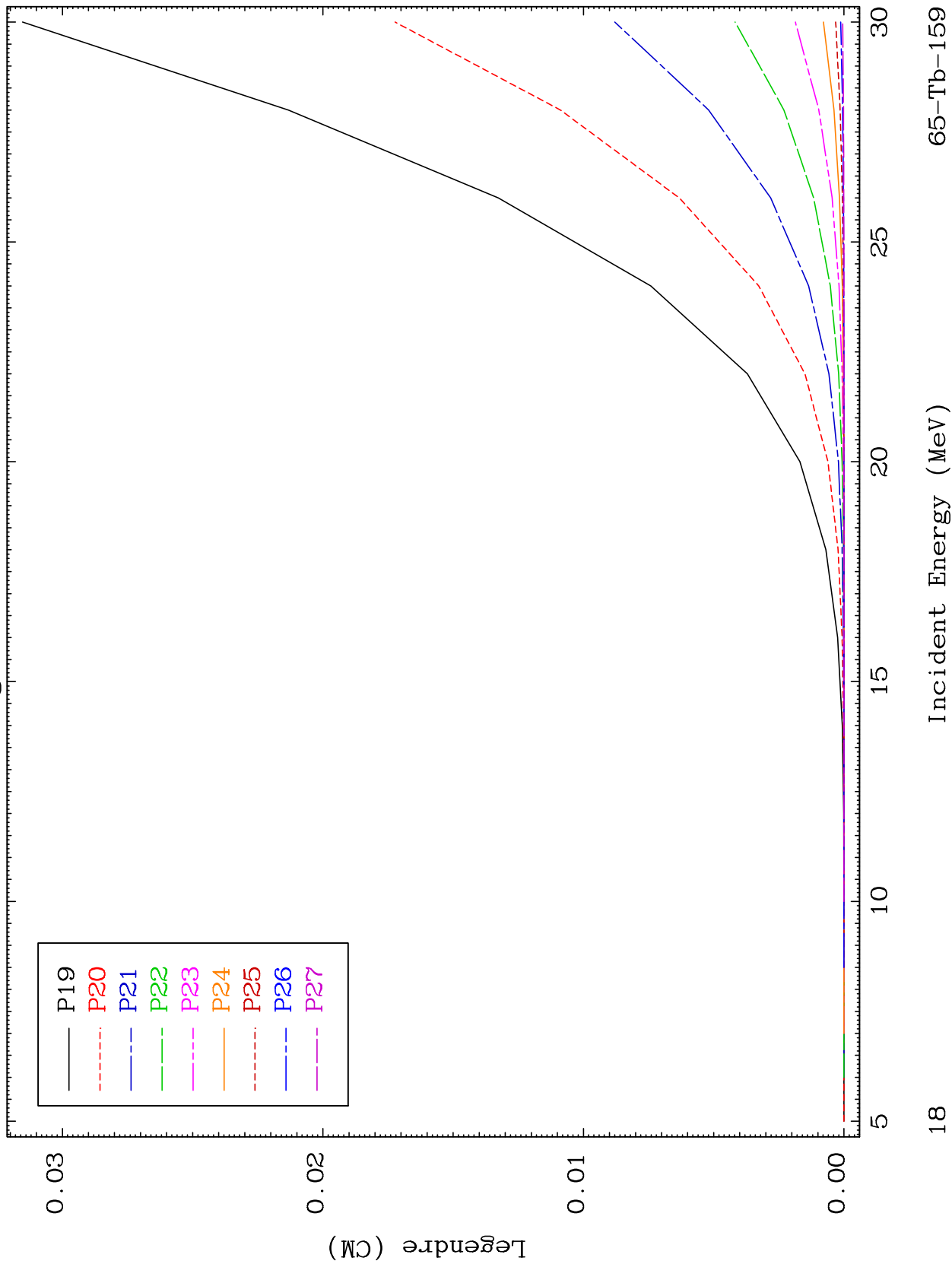
65-Tb-159



MAT 6525

Elastic Legendre Coefficients

65-Tb-159



18

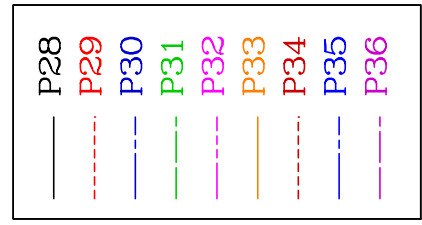
Incident Energy (MeV)

65-Tb-159

MAT 6525

Elastic Legendre Coefficients

65-Tb-159



$\times 10^{-5}$
1.5
1.0

Legendre (CM)

0.5

0.0

15

20

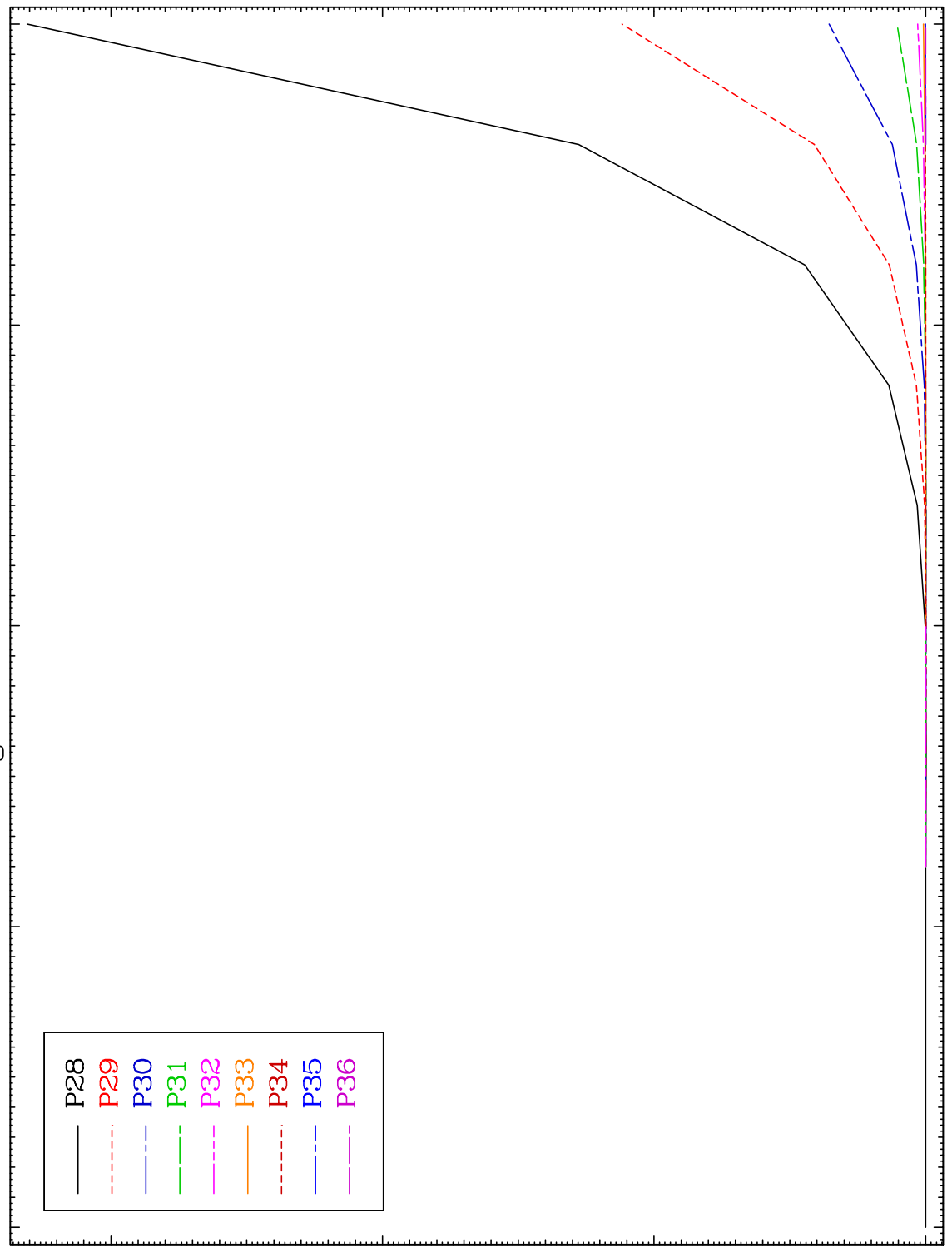
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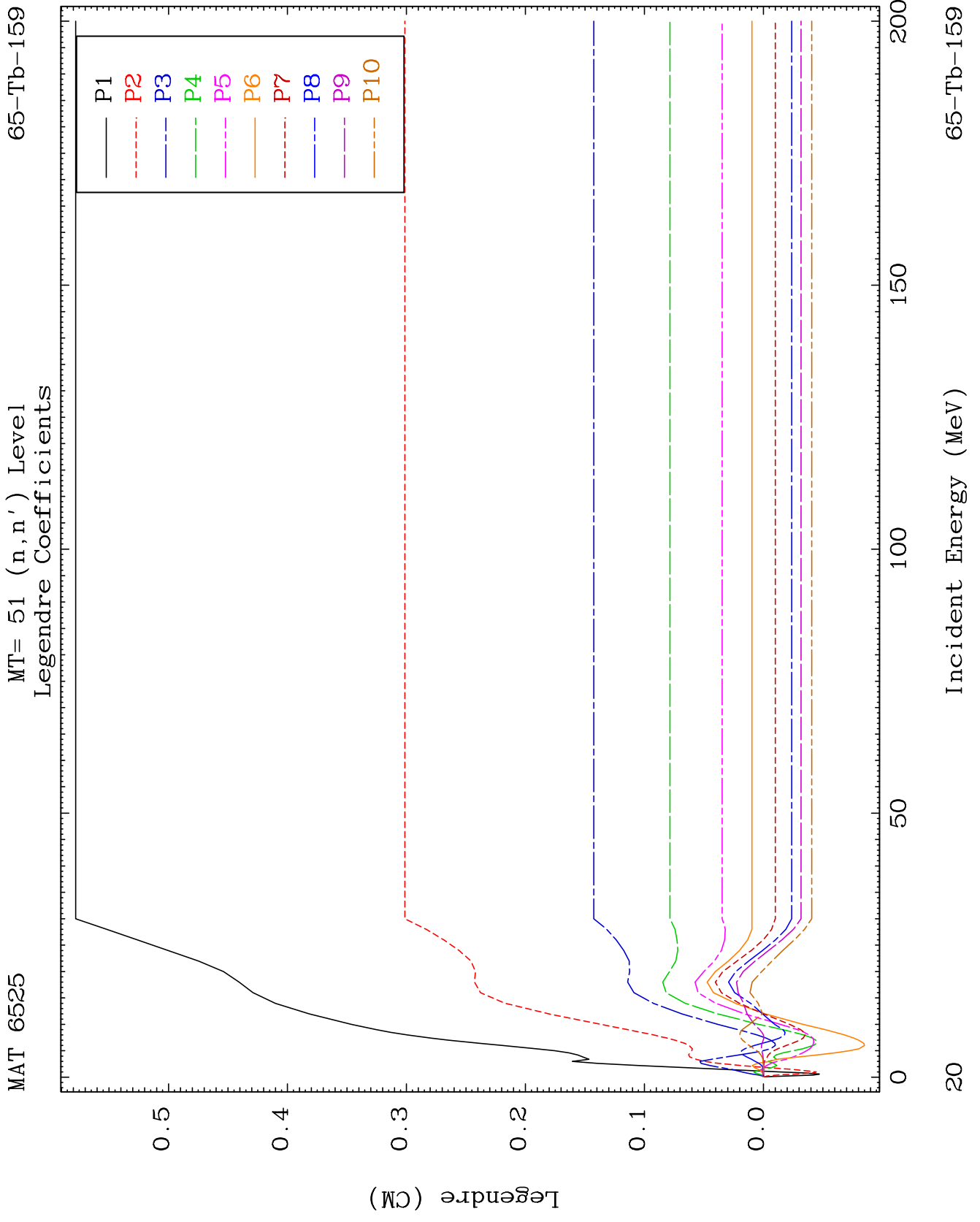
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19

Incident Energy (MeV)

65-Tb-159

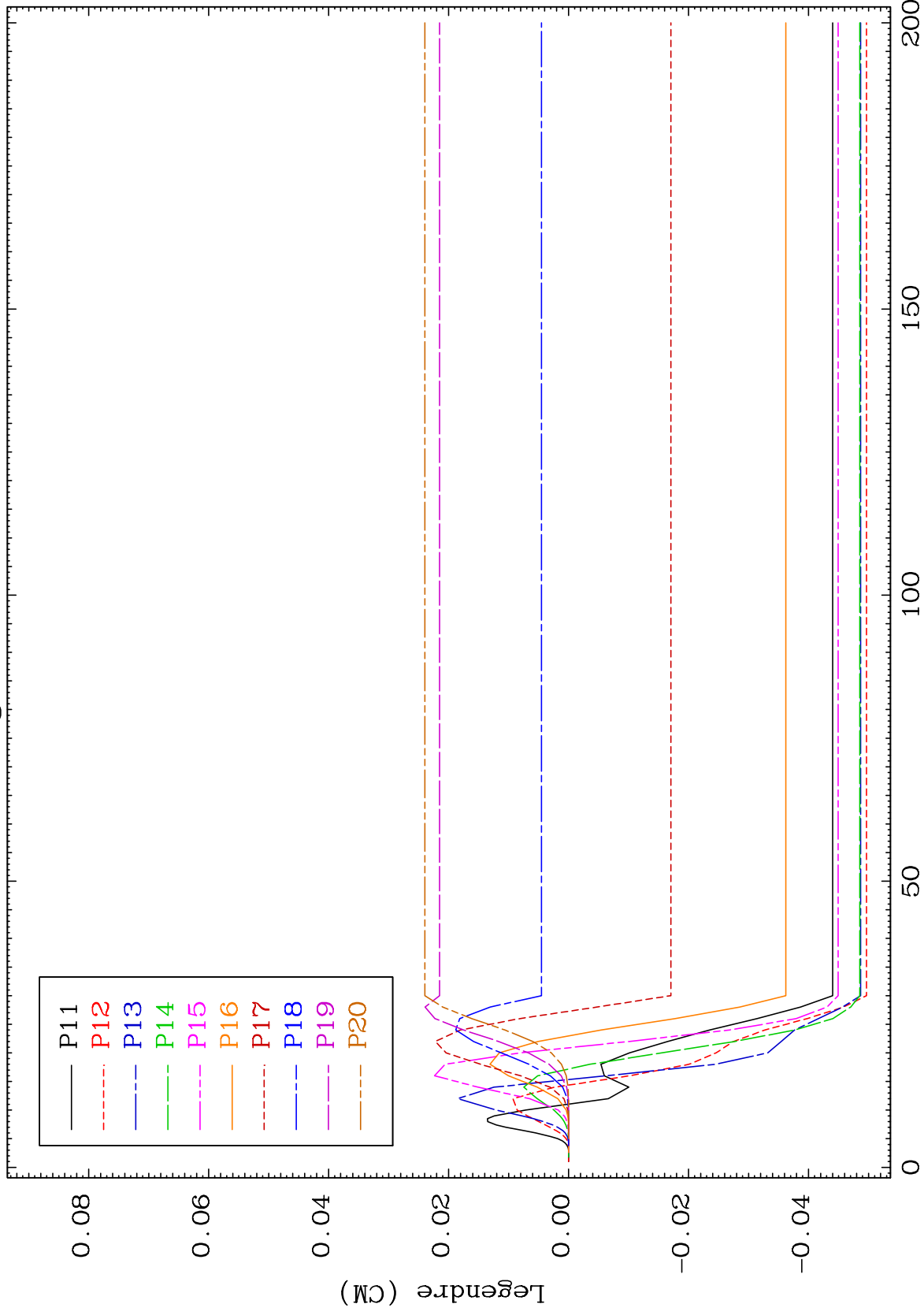




MAT 6525

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

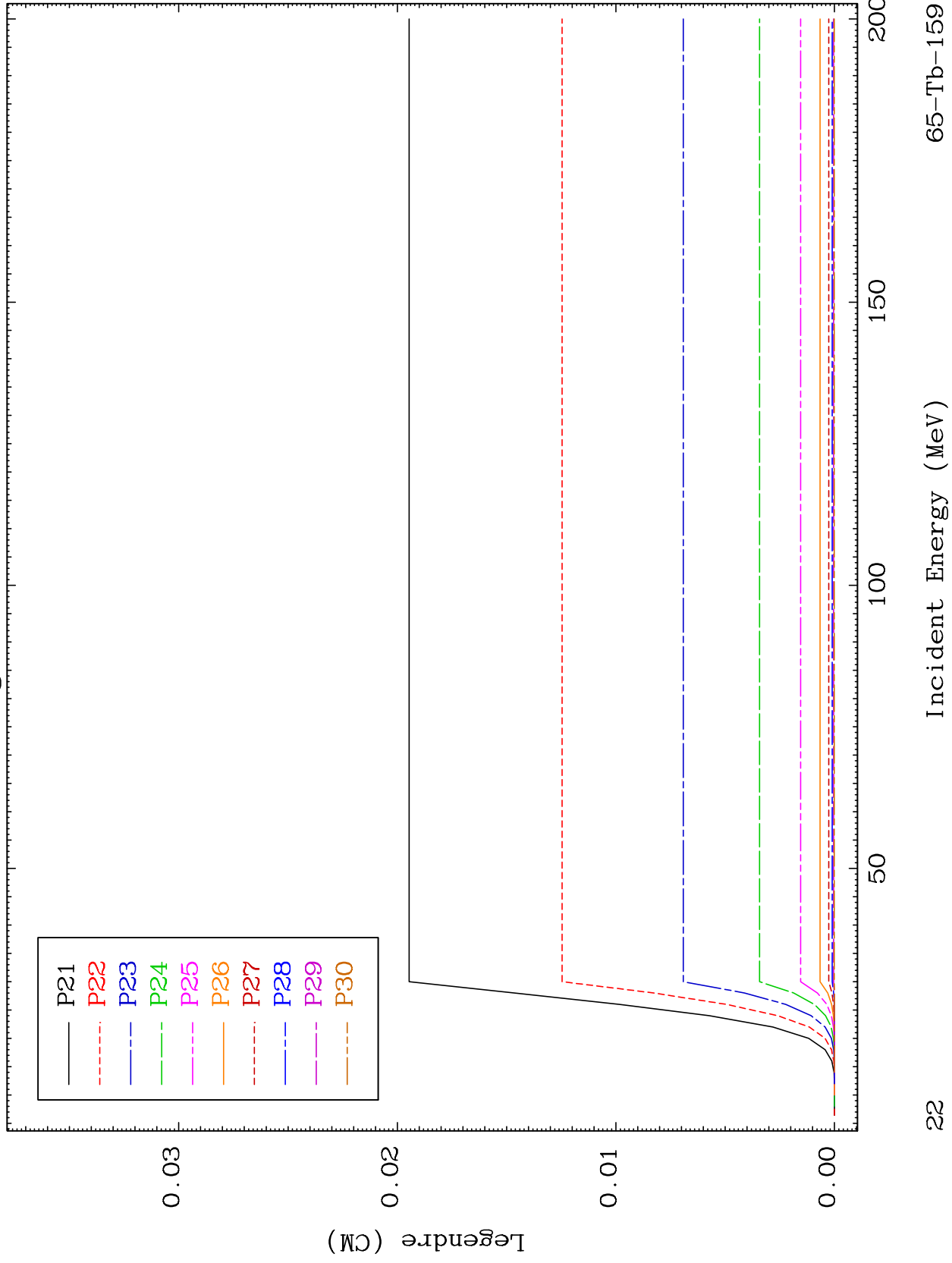
65-Tb-159



MAT 6525

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

65-Tb-159



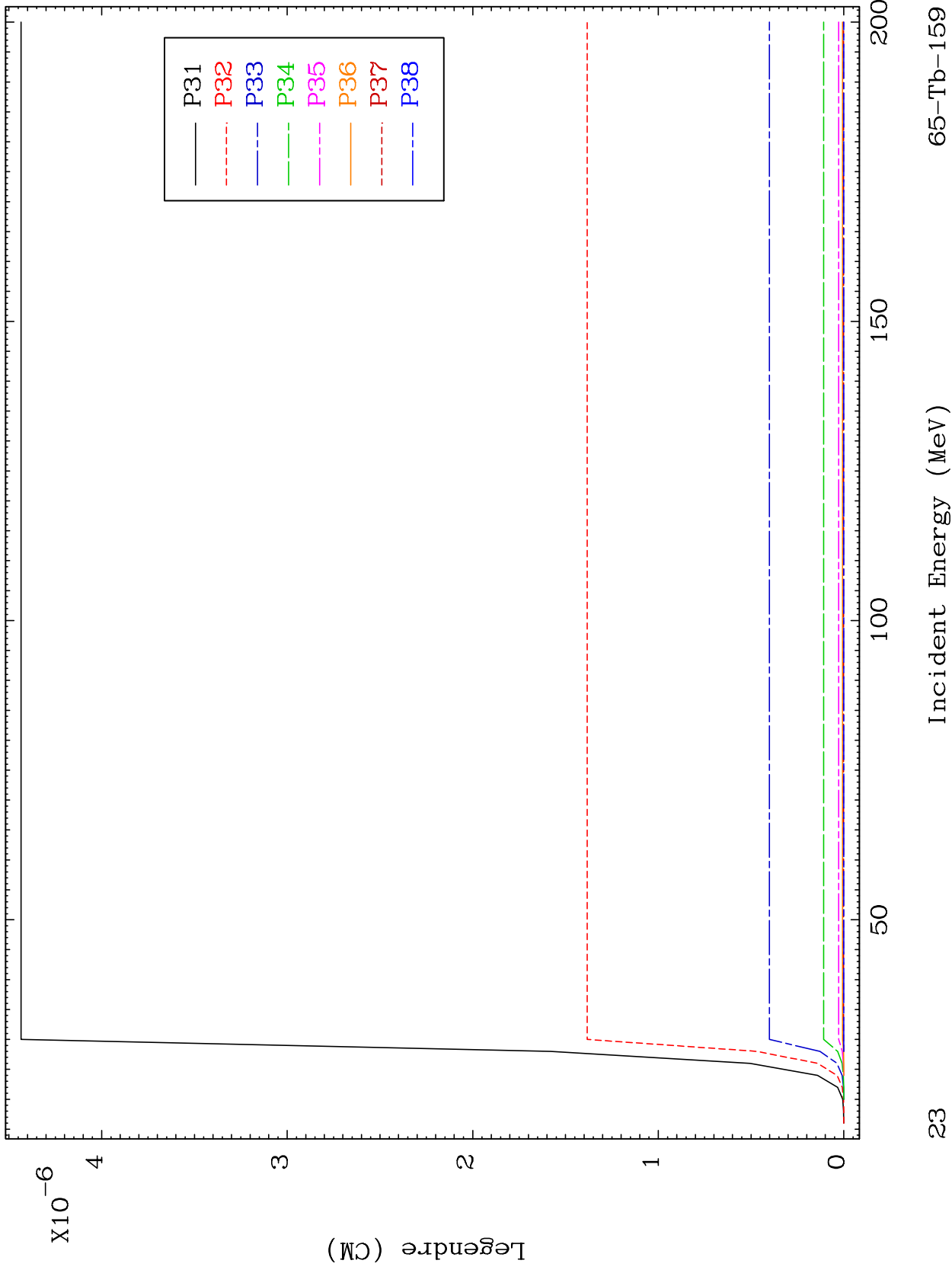
22

65-Tb-159

MAT 6525

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

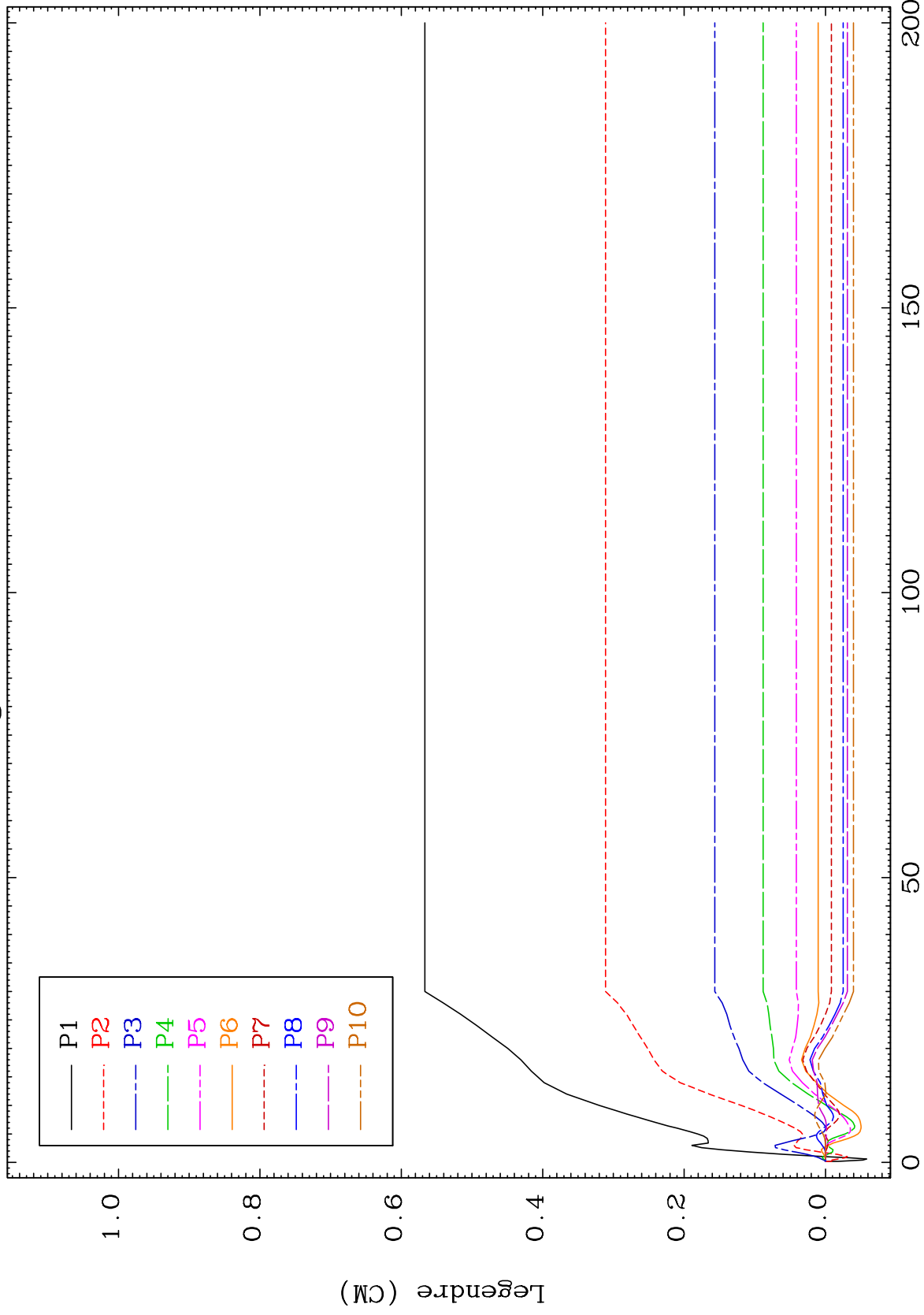
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MAT 6525

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

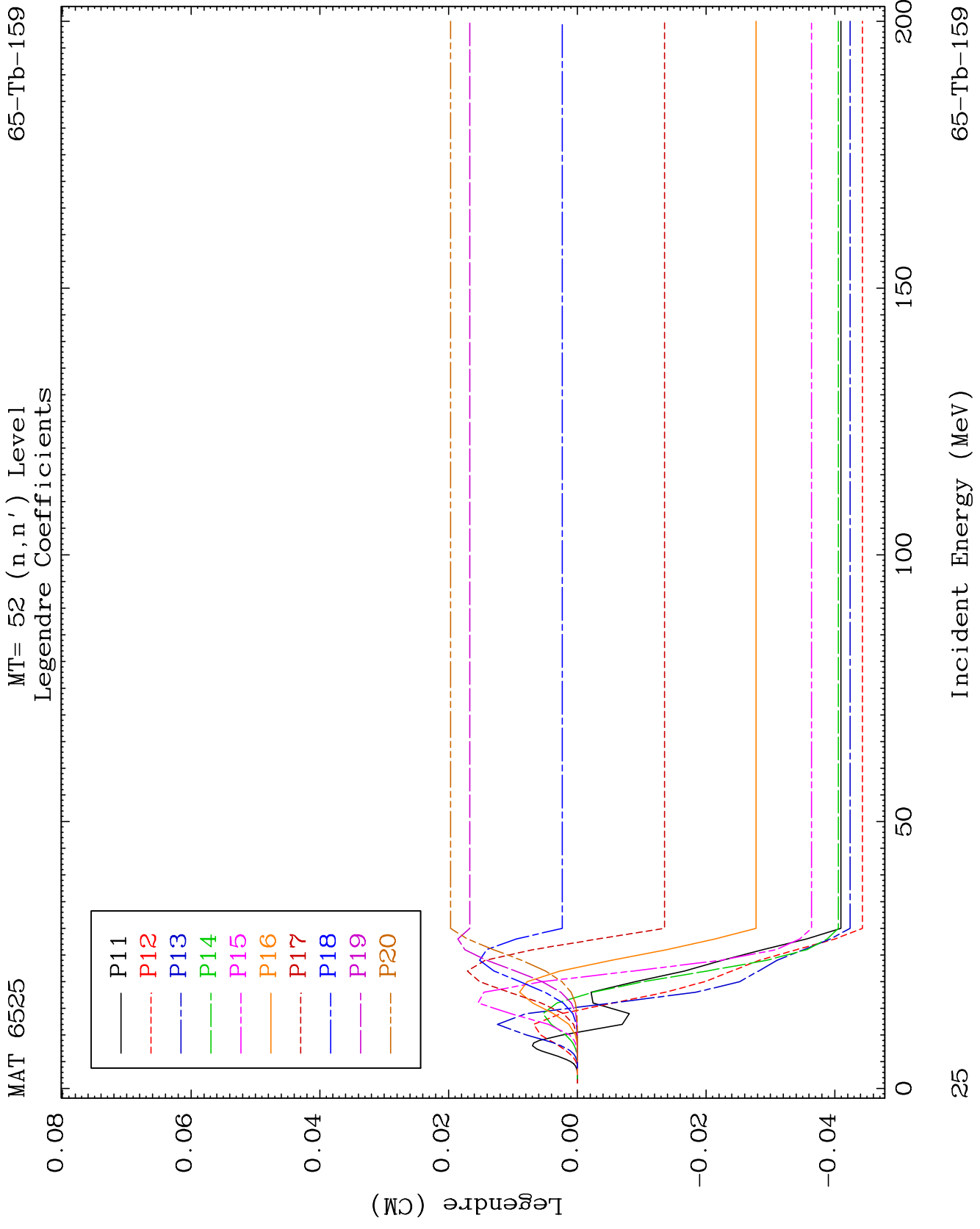
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24

Incident Energy (MeV)

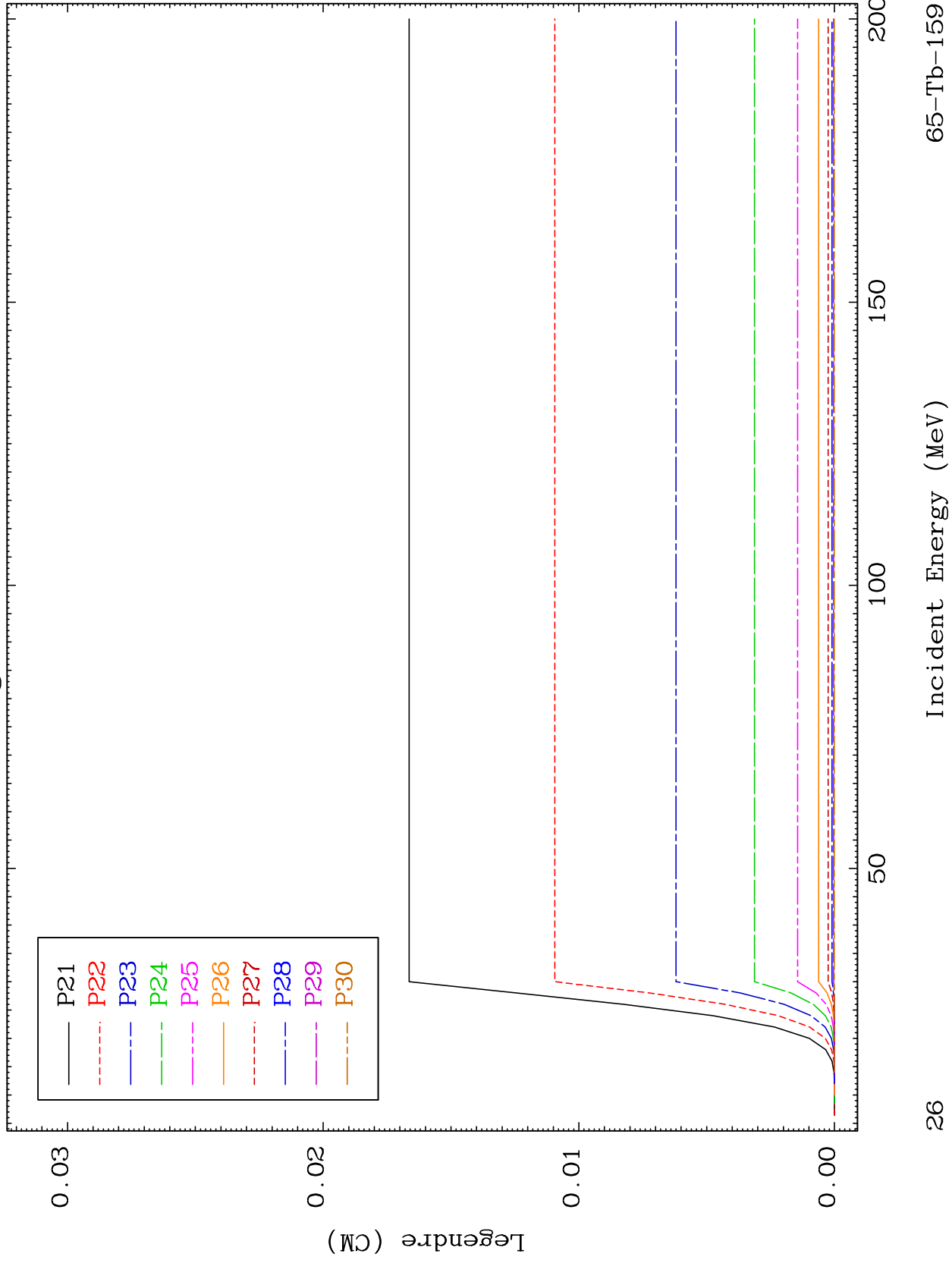
65-Tb-159



MAT 6525

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

65-Tb-159



26

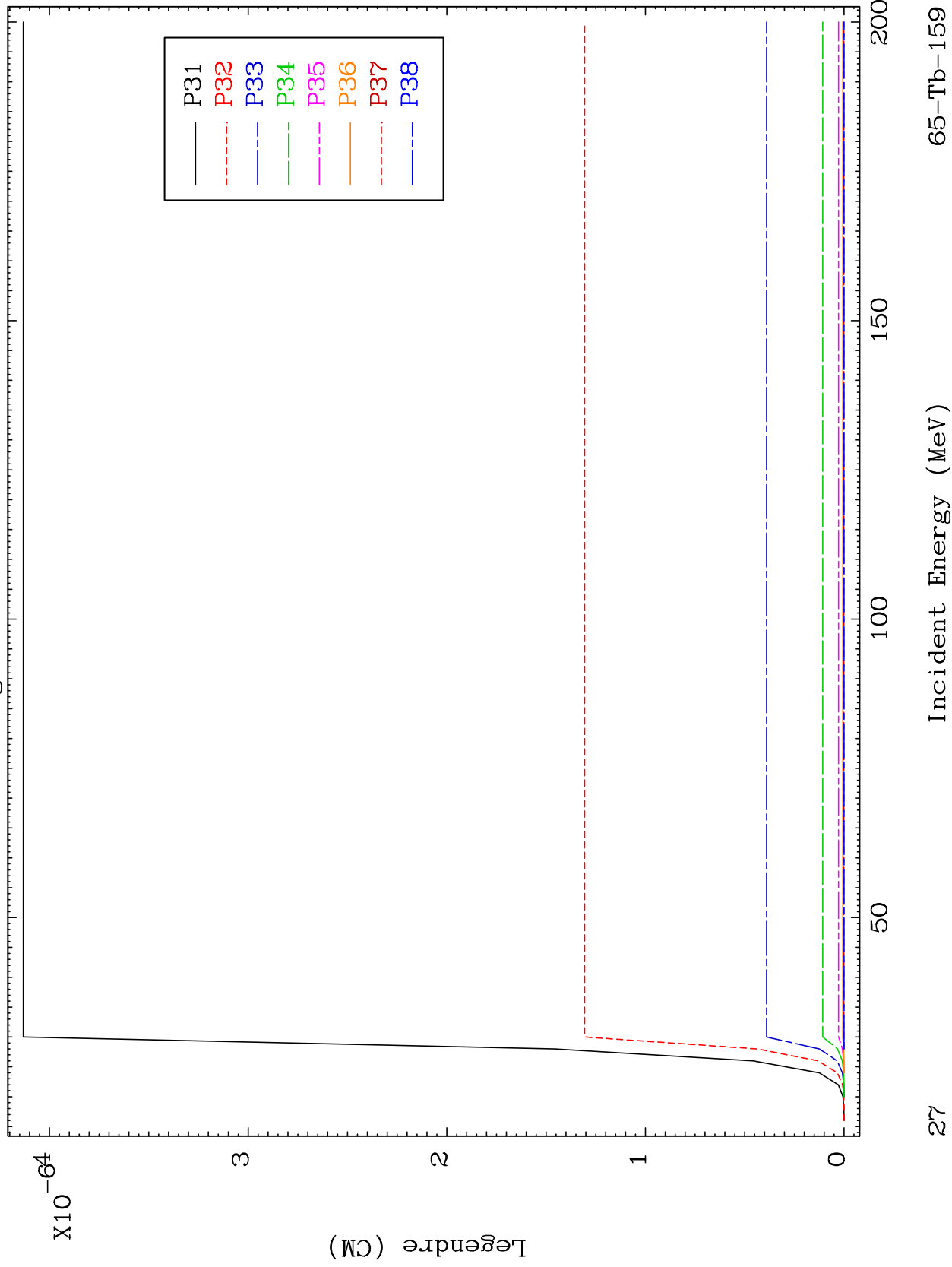
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

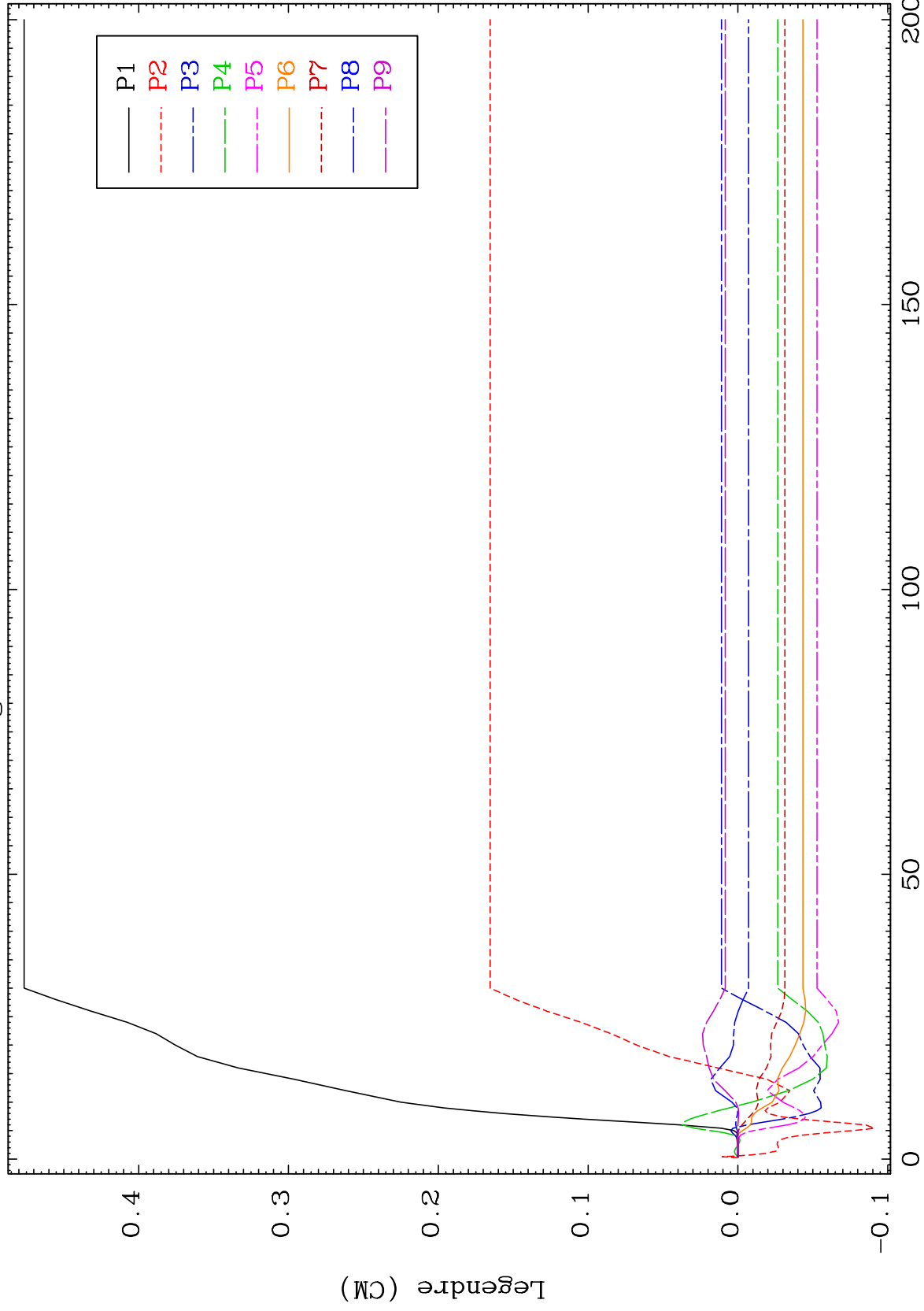
65-Tb-159



MAT 6525

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

65-Tb-159



28

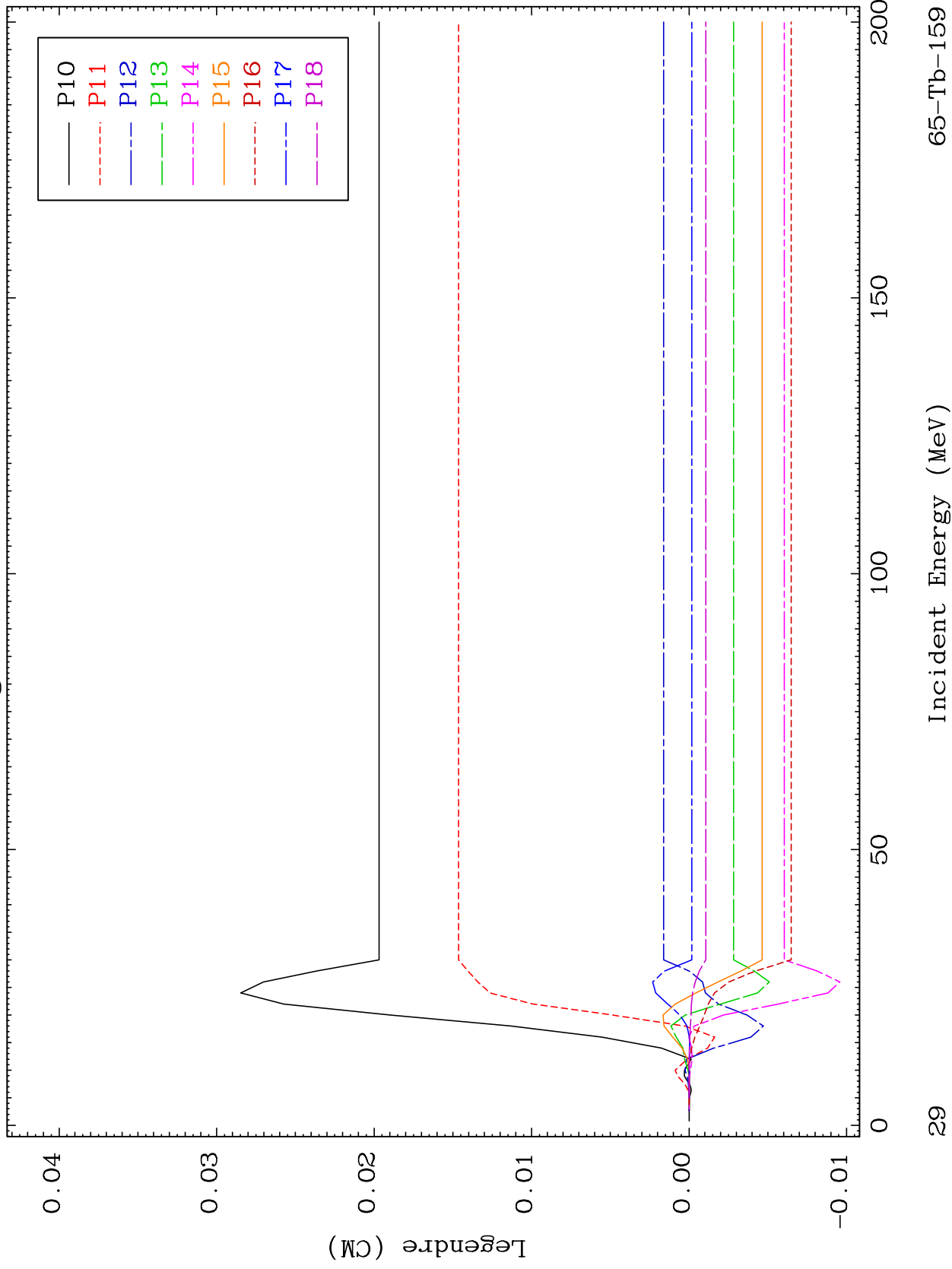
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

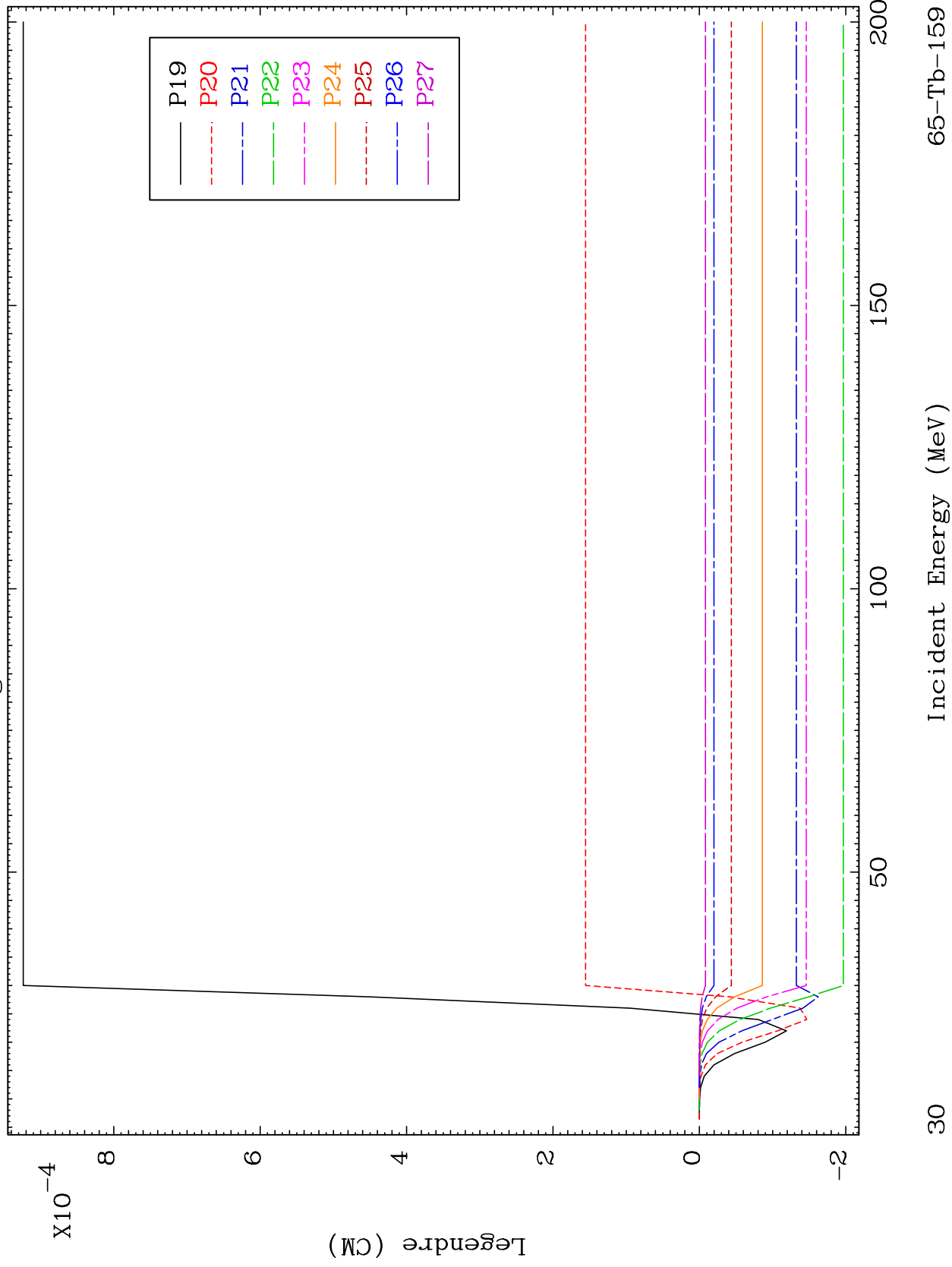
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MAT 6525

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

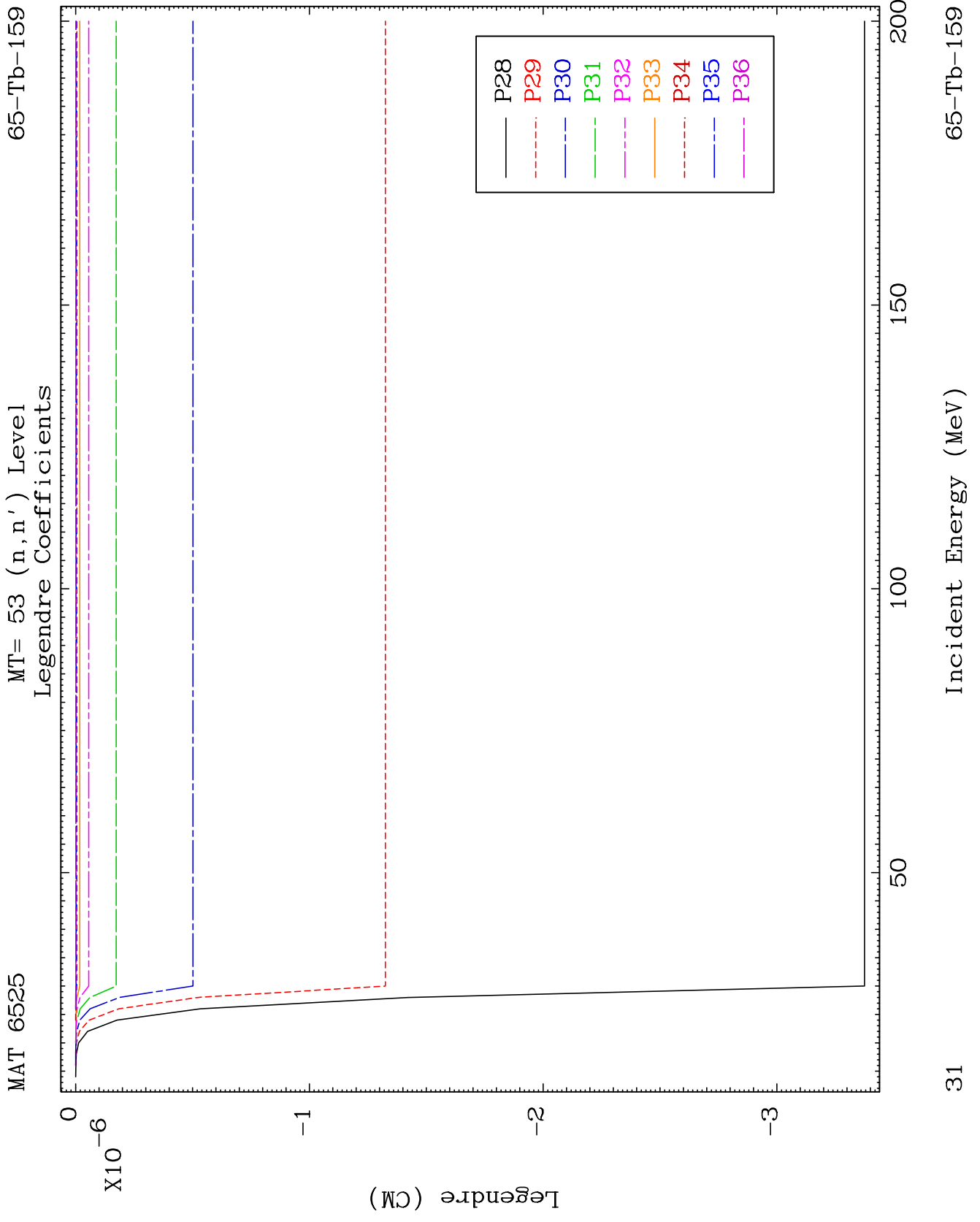
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30

Incident Energy (MeV)

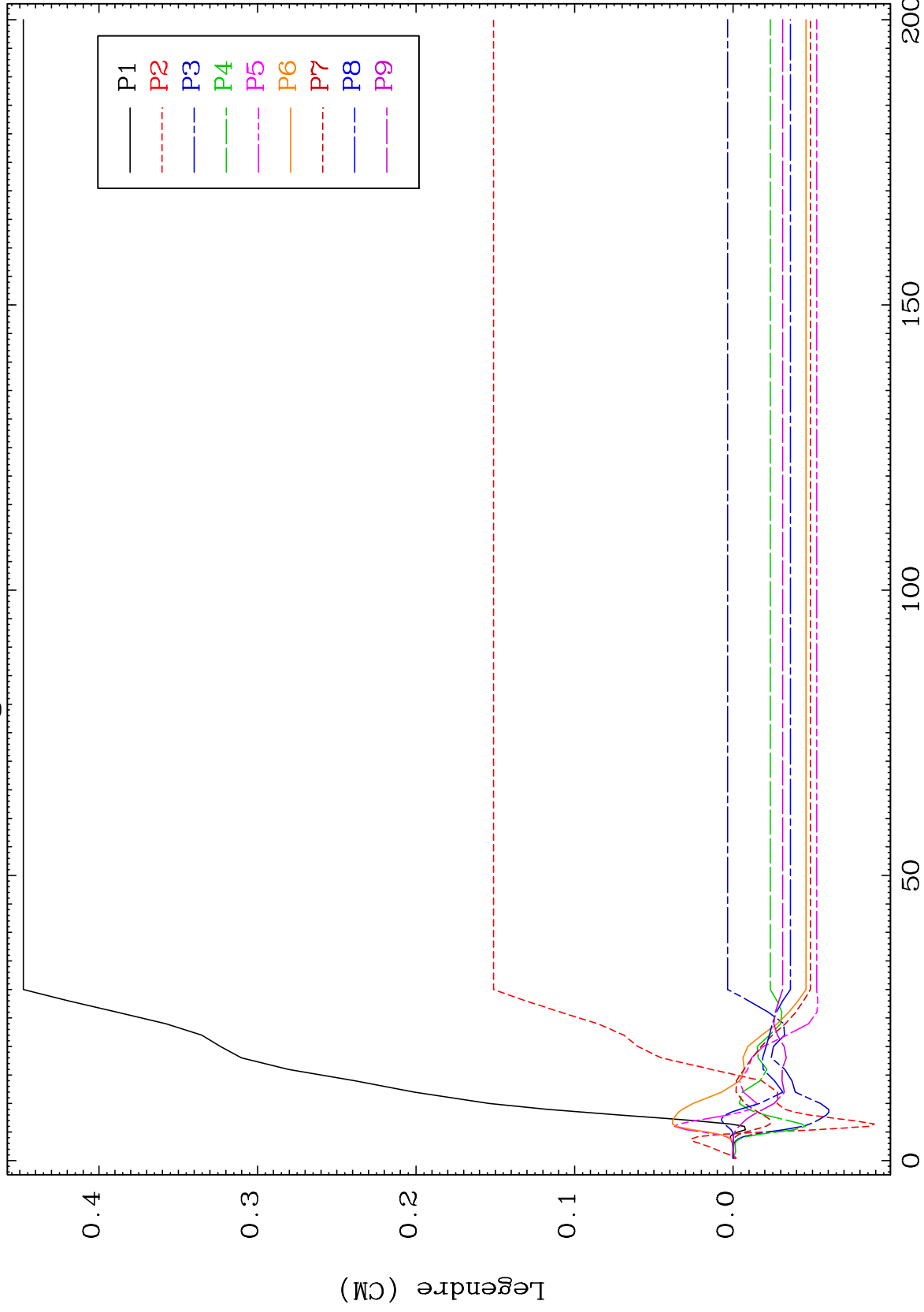
65-Tb-159



MAT 6525

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

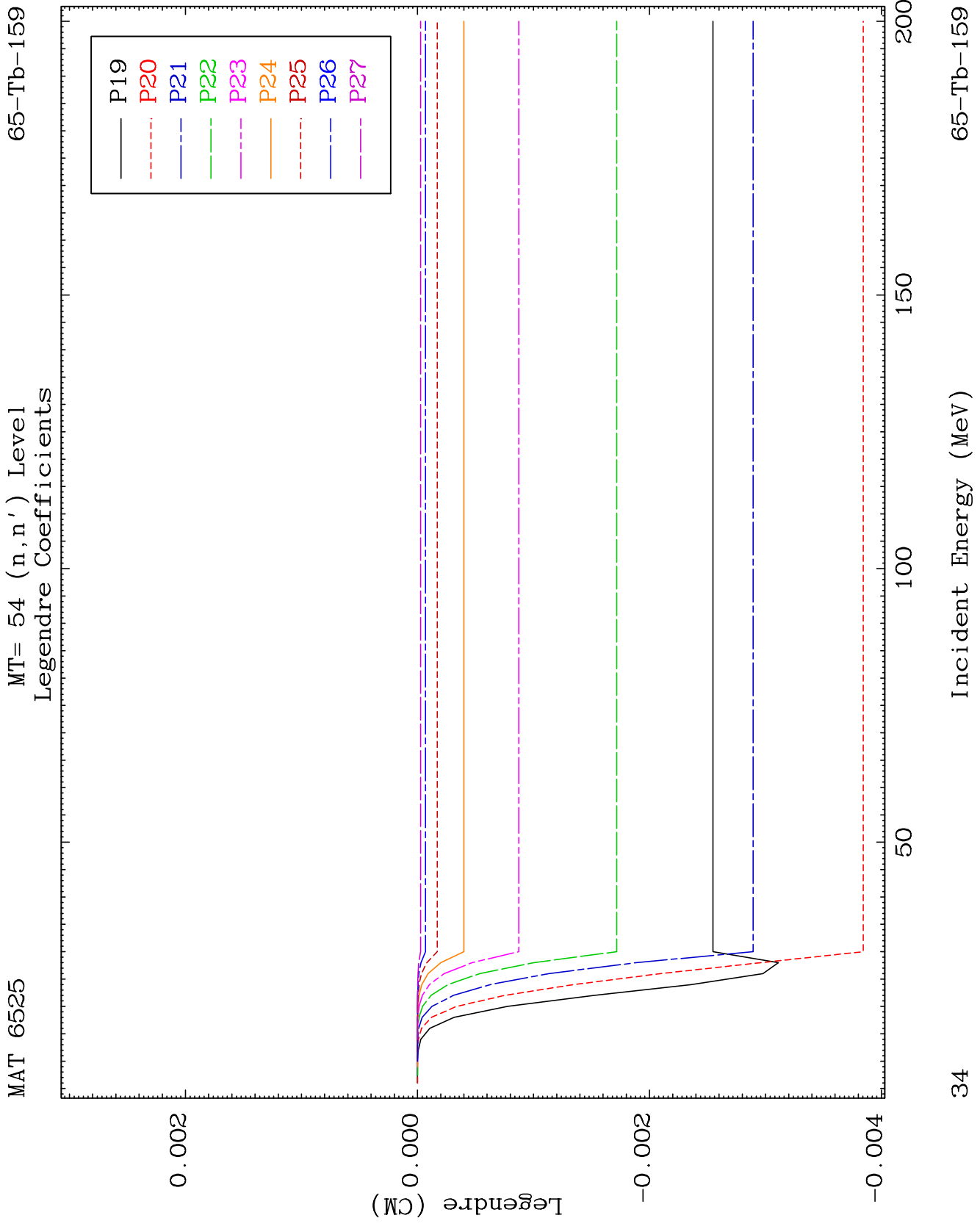
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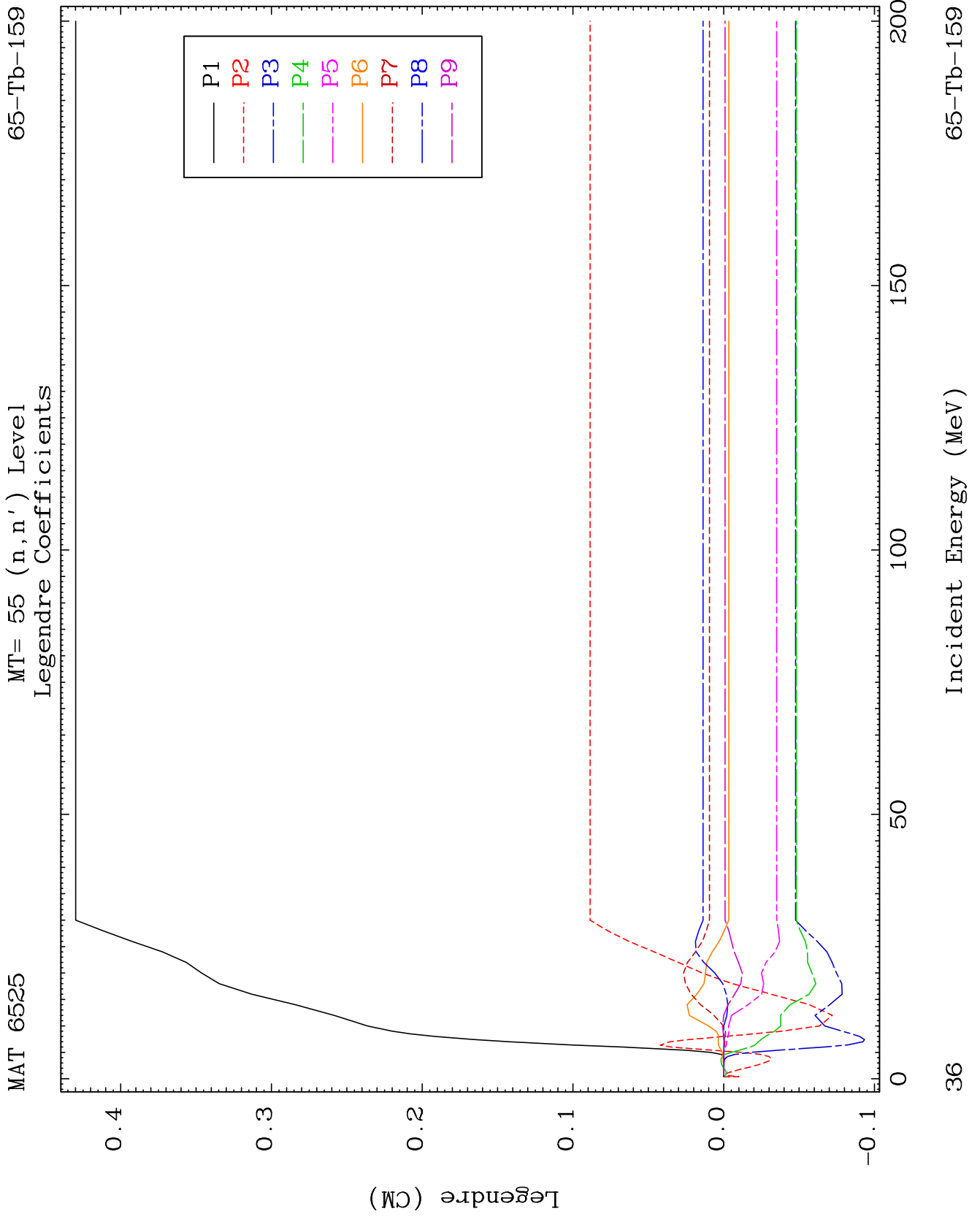


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Incident Energy (MeV)

65-Tb-159

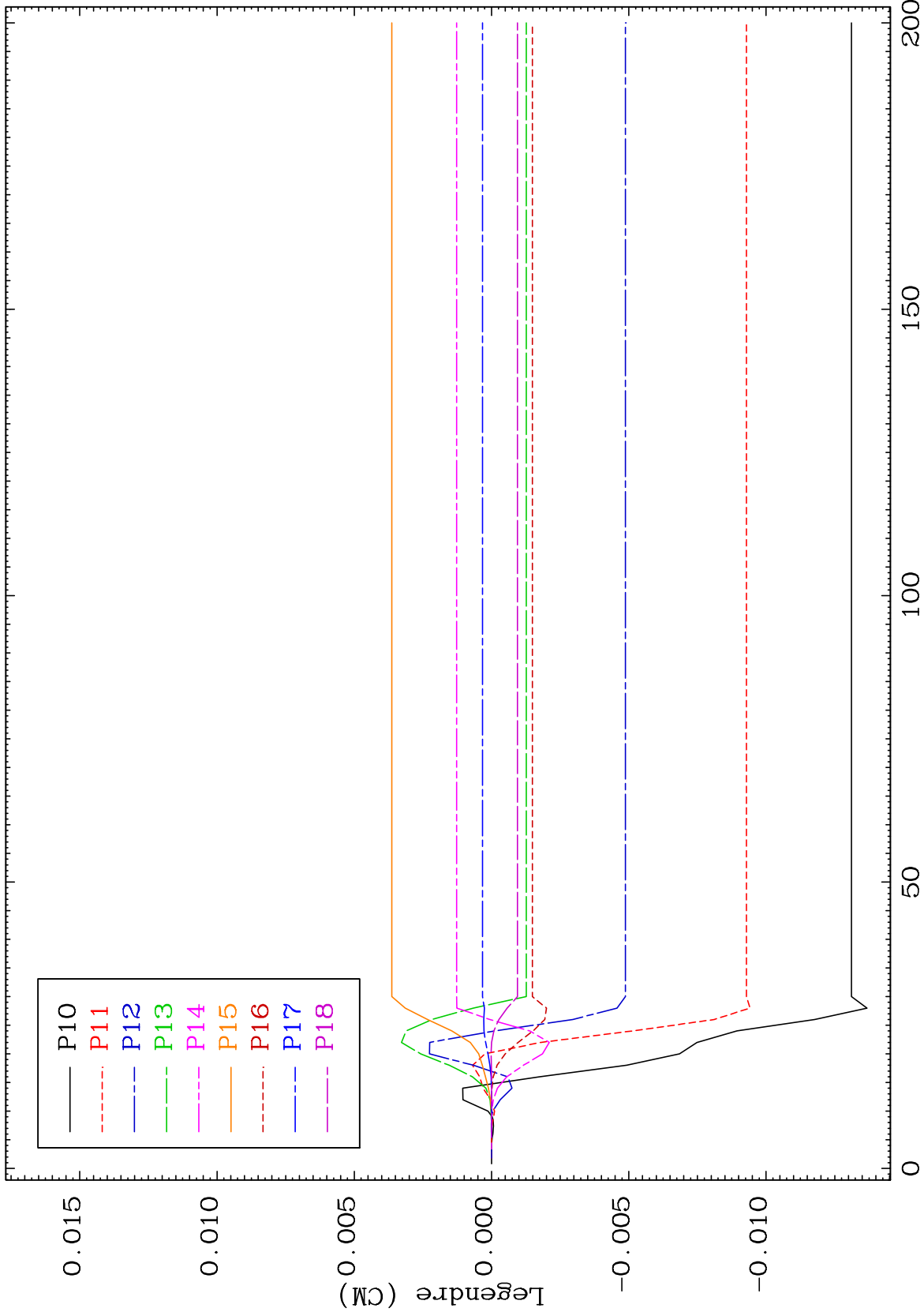




MAT 6525

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

65-Tb-159



37

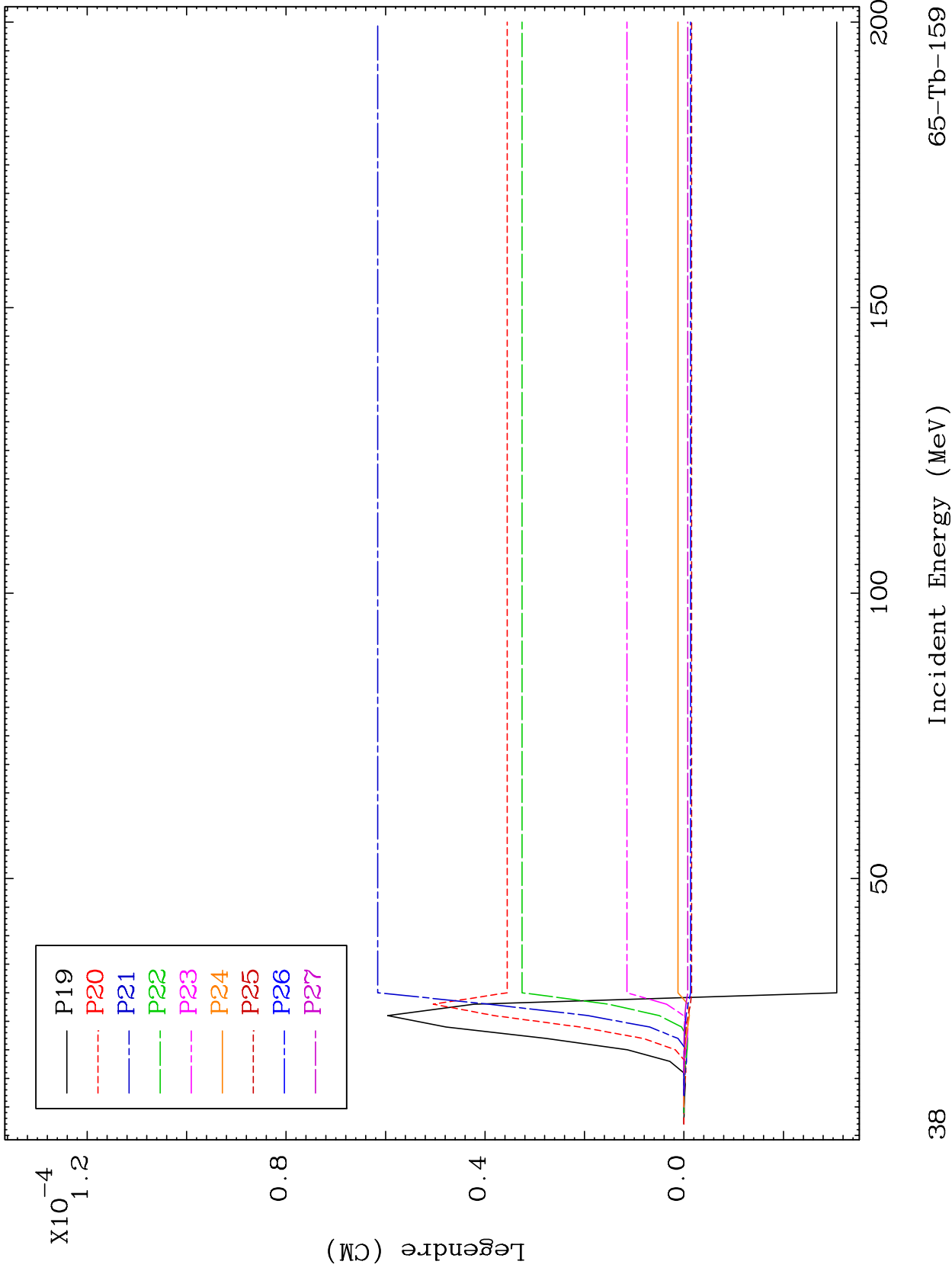
Incident Energy (MeV)

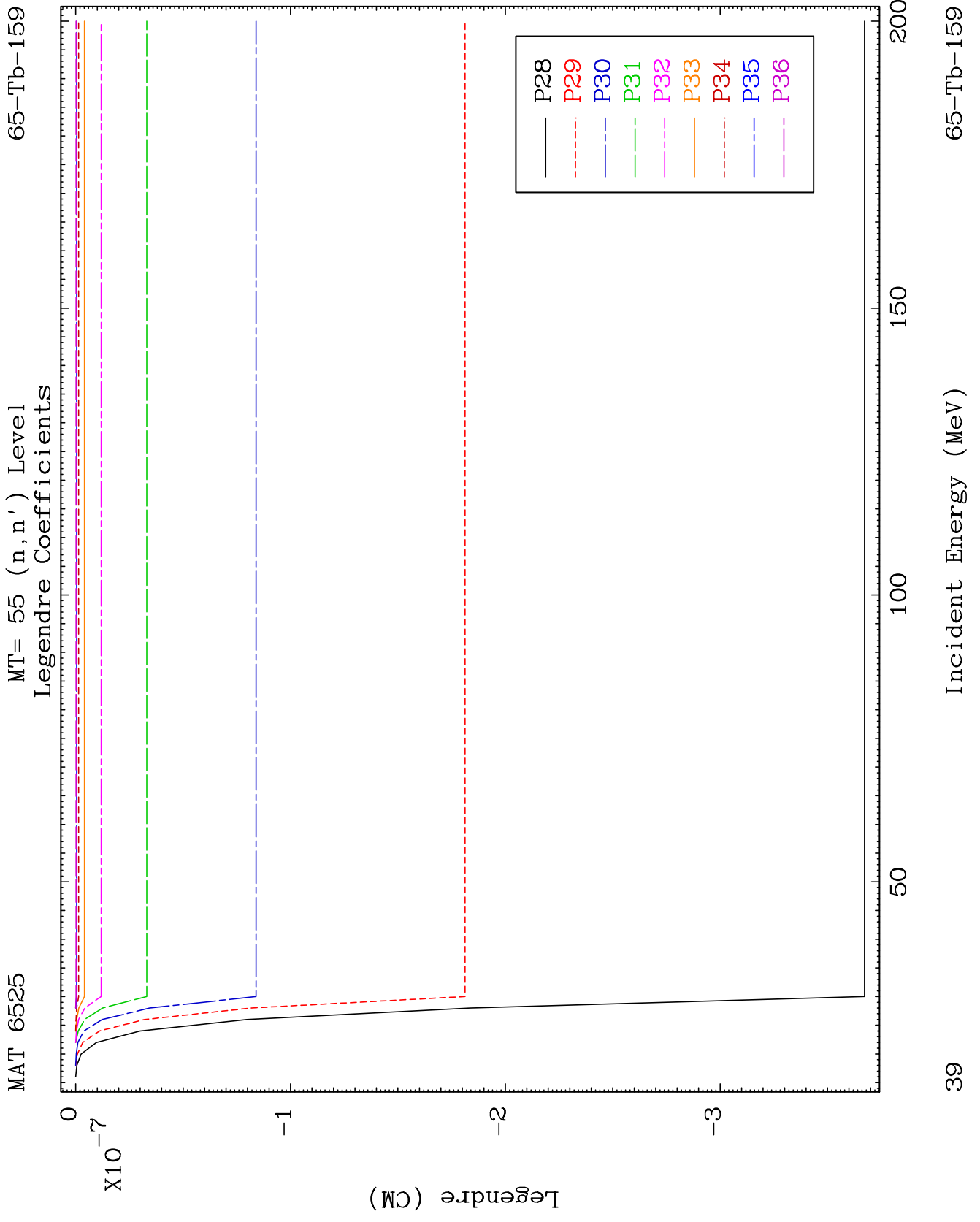
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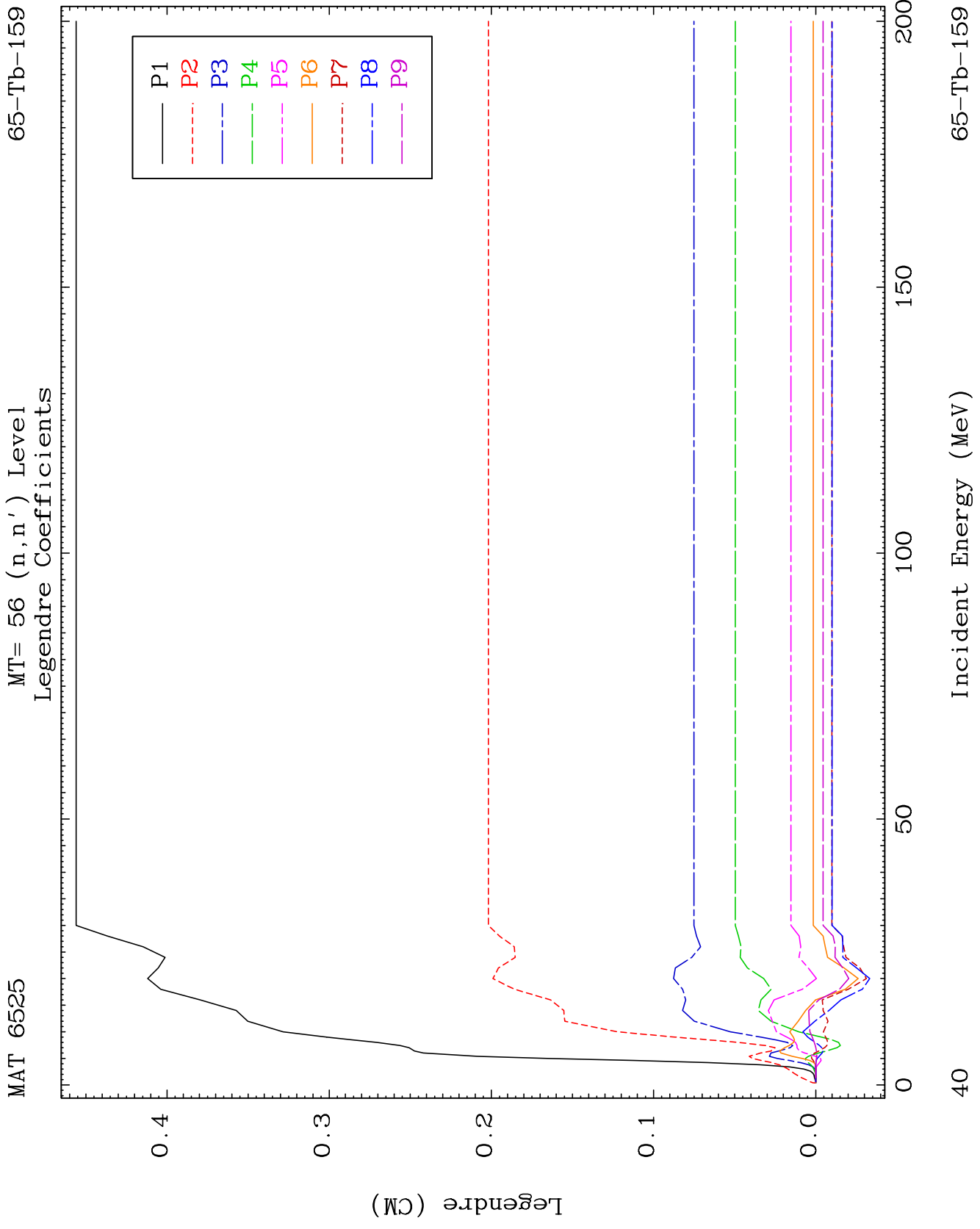
MAT 6525

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

65-Tb-159



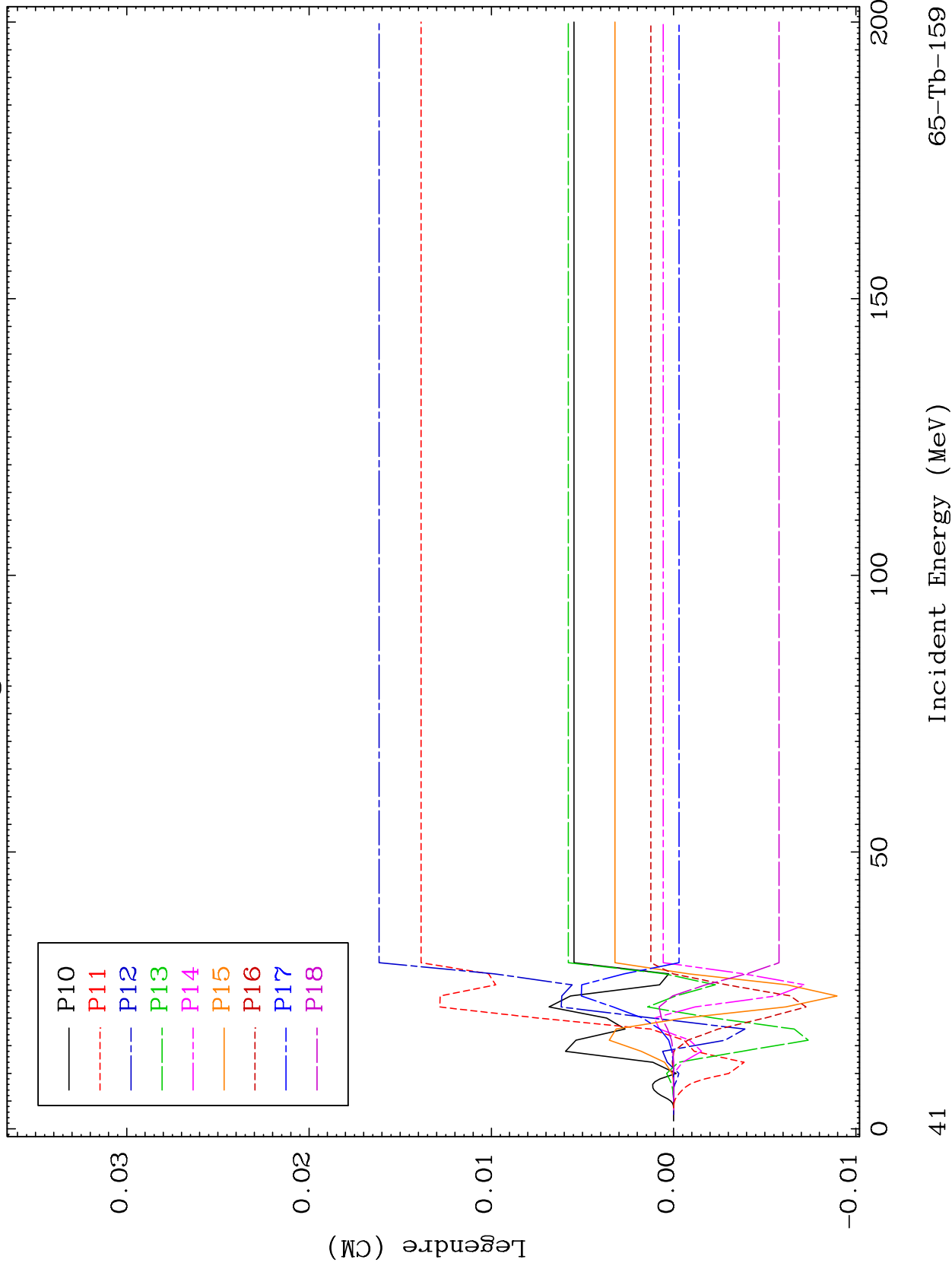




MAT 6525

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

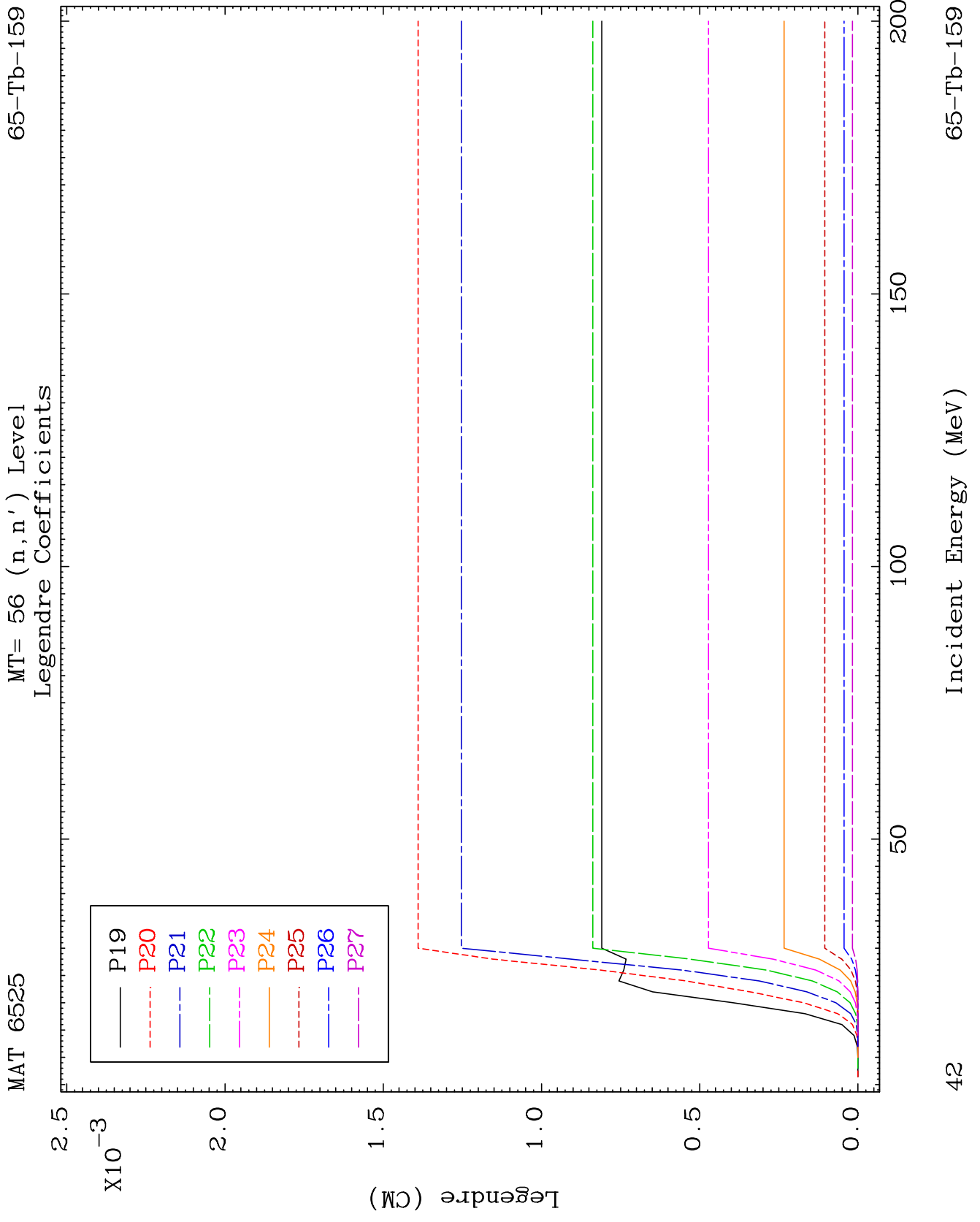
65-Tb-159



41

Incident Energy (MeV)

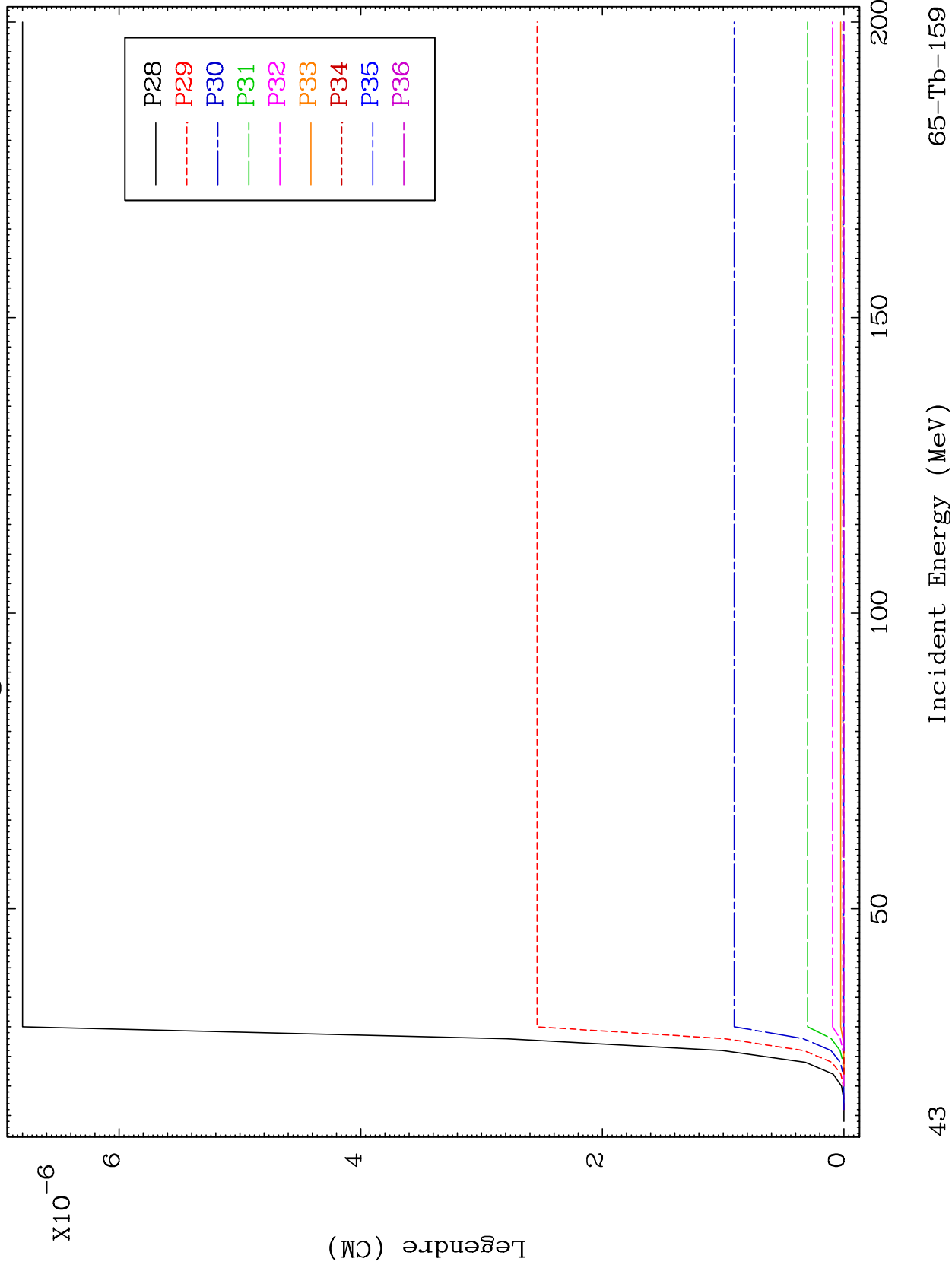
65-Tb-159



MAT 6525

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

65-Tb-159



43

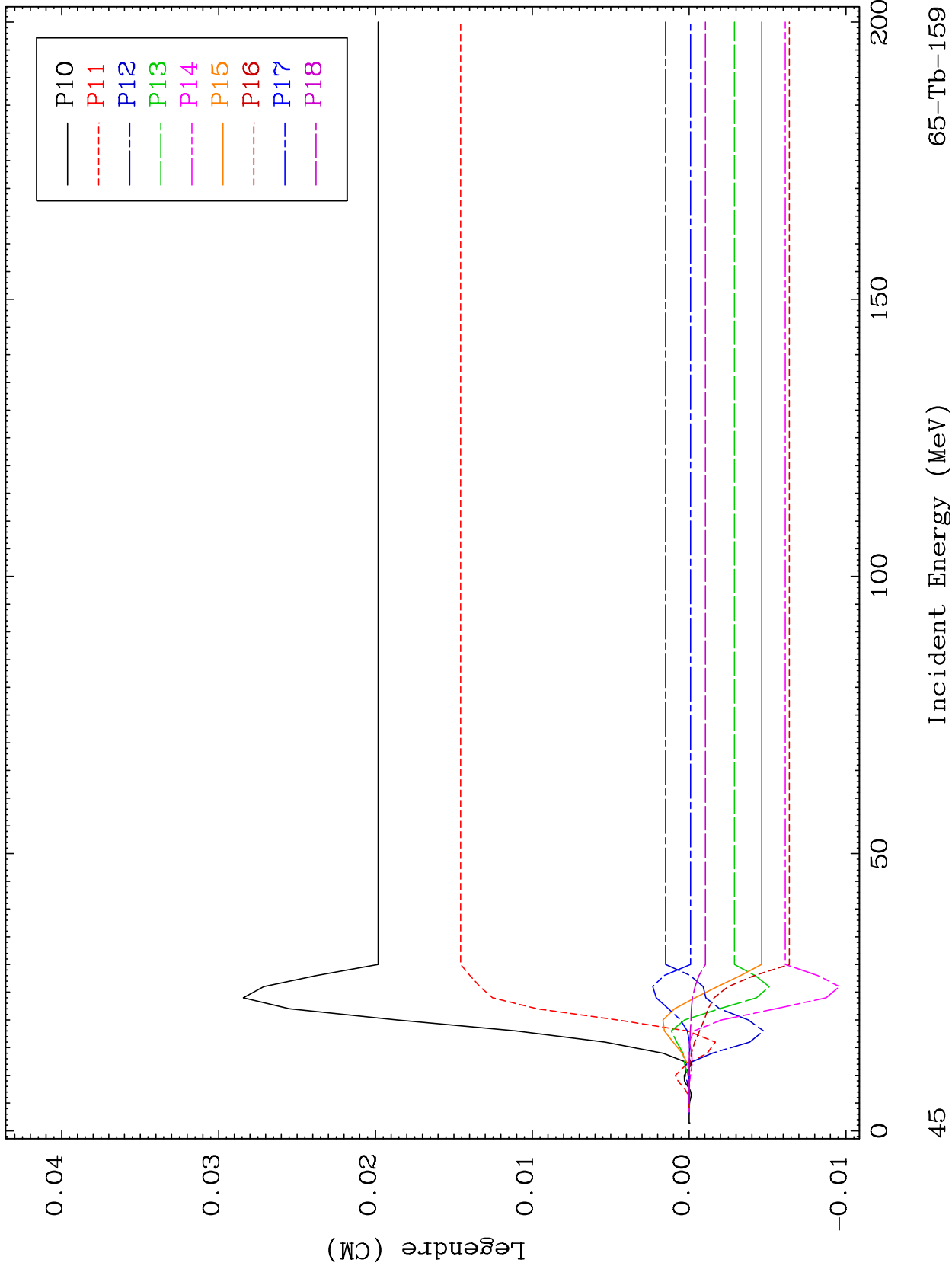
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

65-Tb-159



65-Tb-159

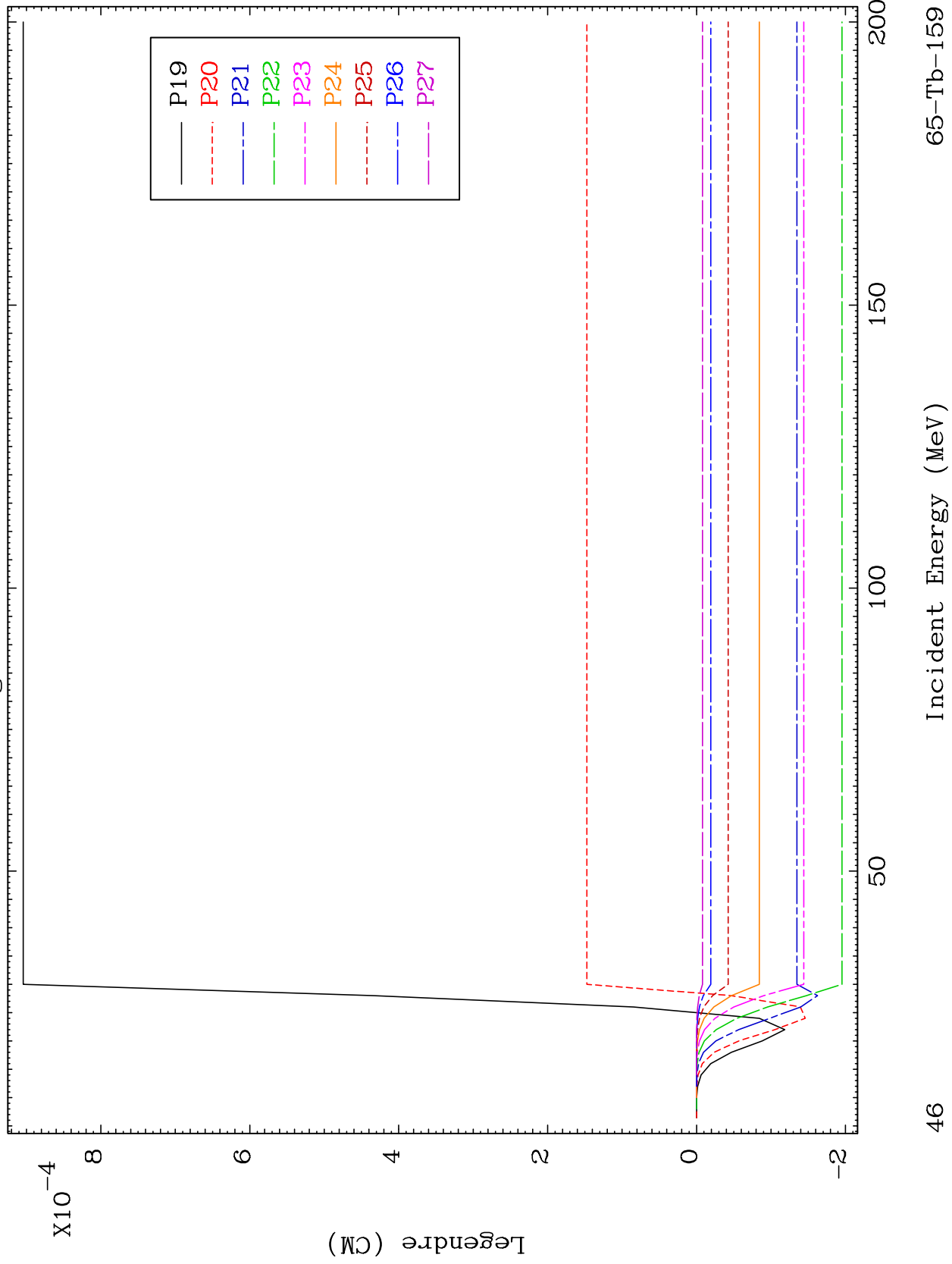
Incident Energy (MeV)

45

MAT 6525

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

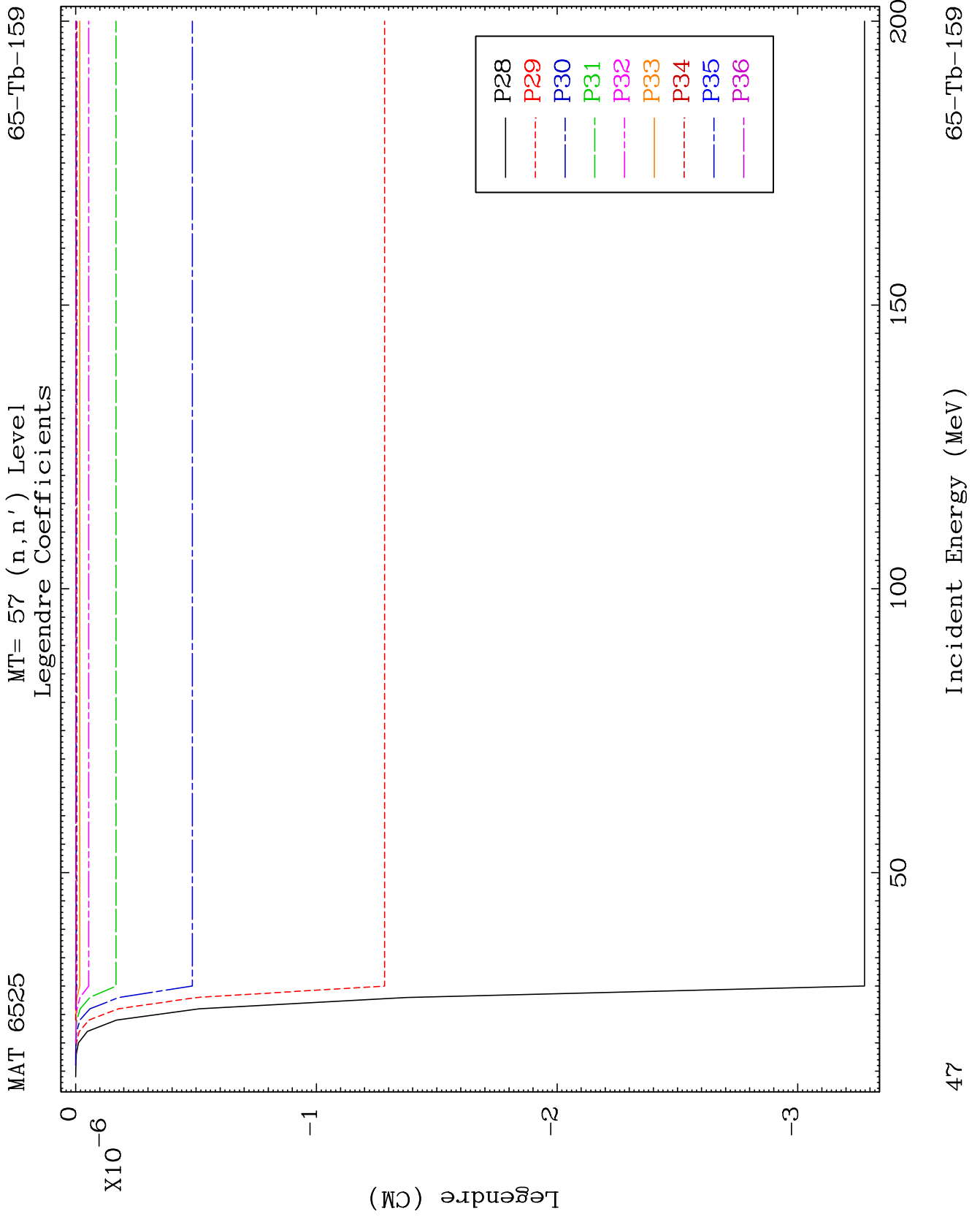
65-Tb-159



46

Incident Energy (MeV)

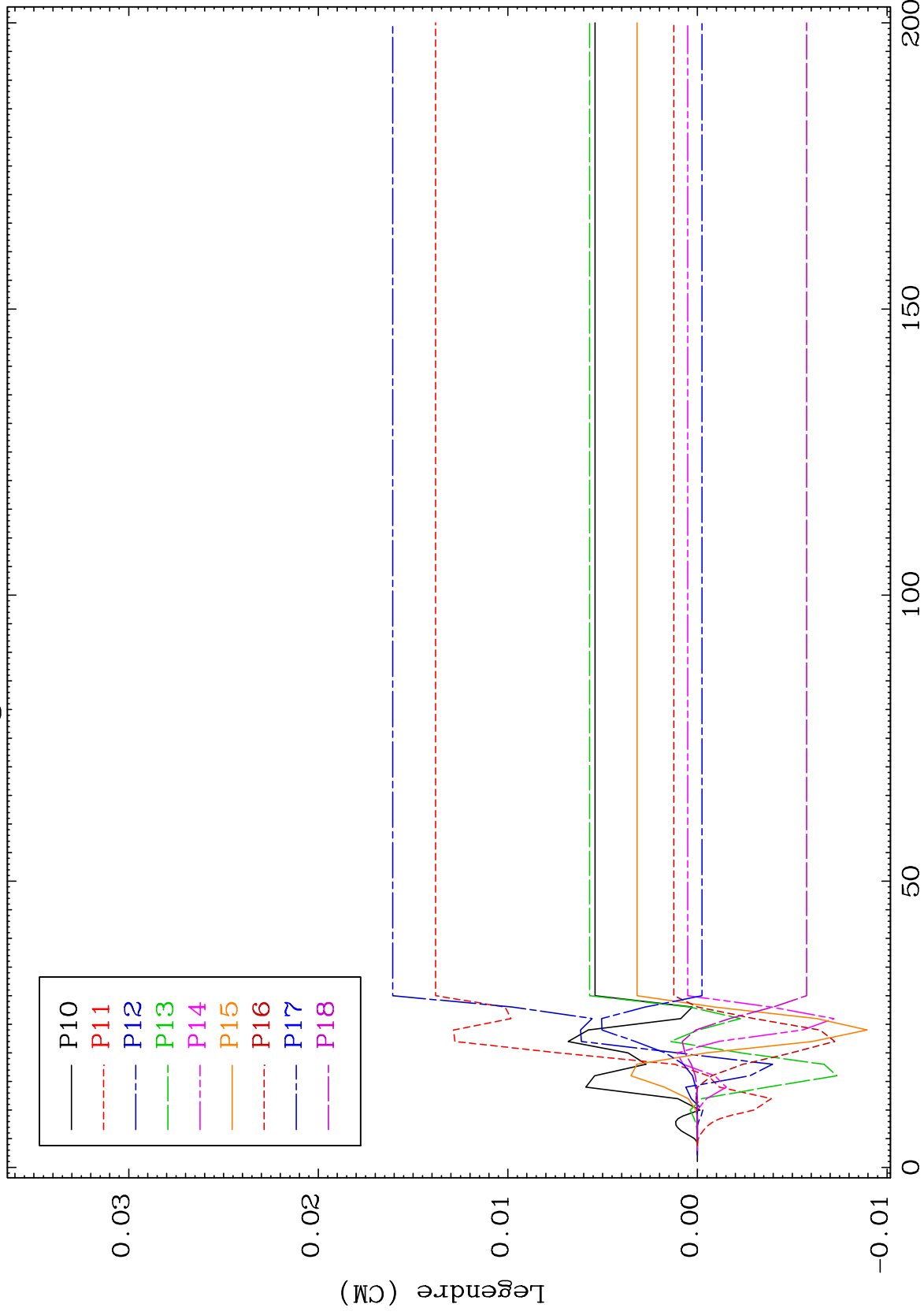
65-Tb-159



MAT 6525

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

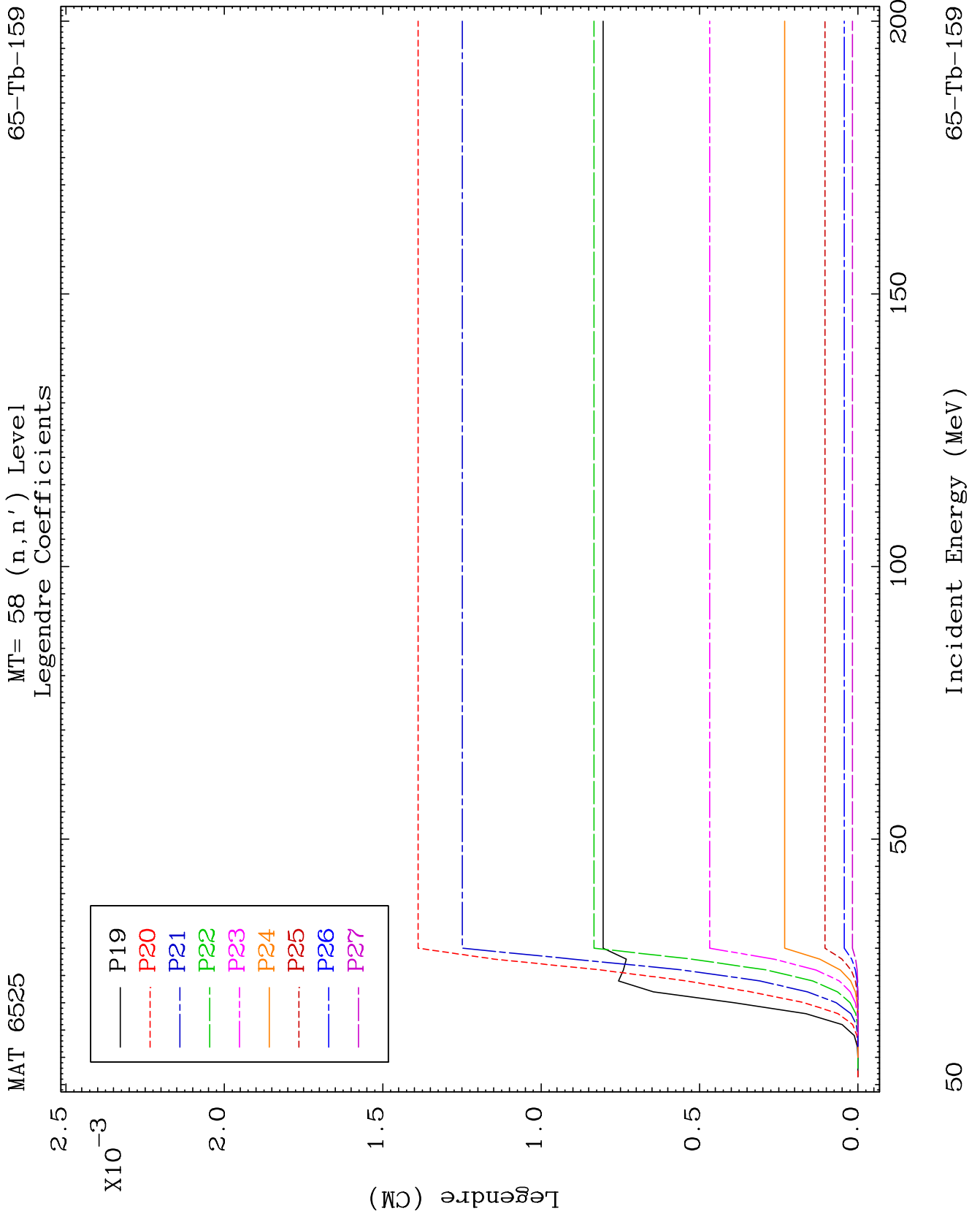
65-Tb-159



49

Incident Energy (MeV)

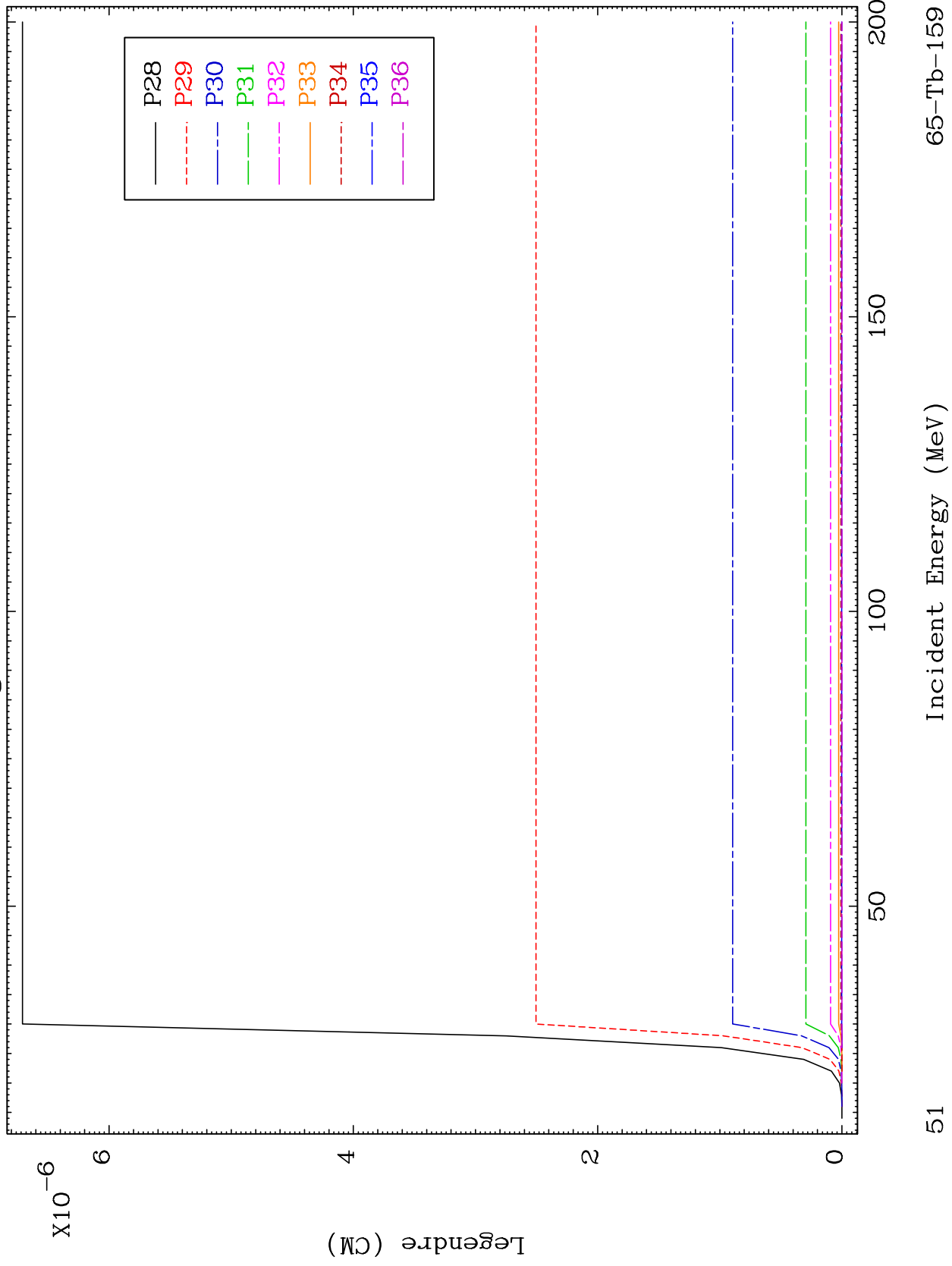
65-Tb-159



MAT 6525

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

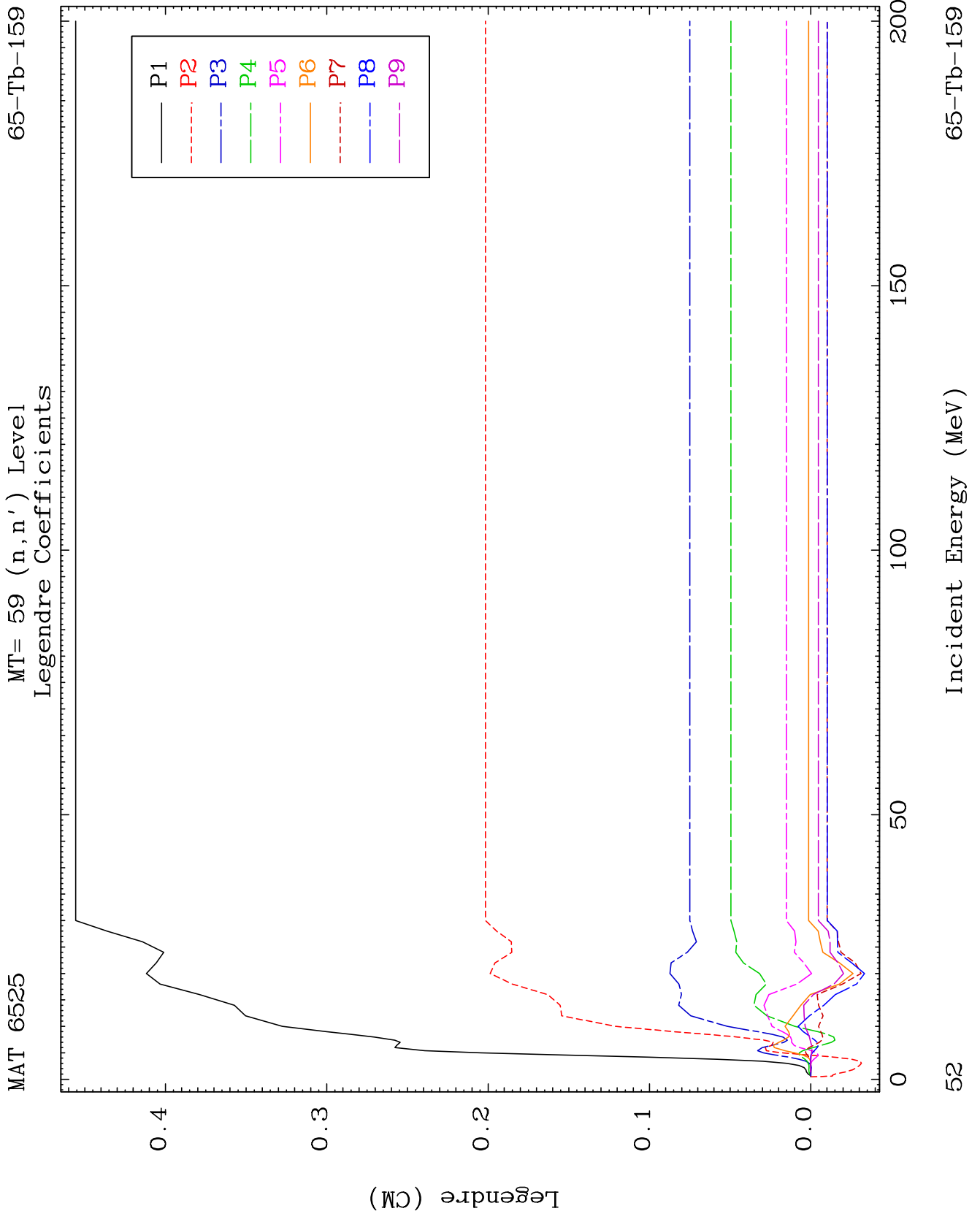
65-Tb-159



51

Incident Energy (MeV)

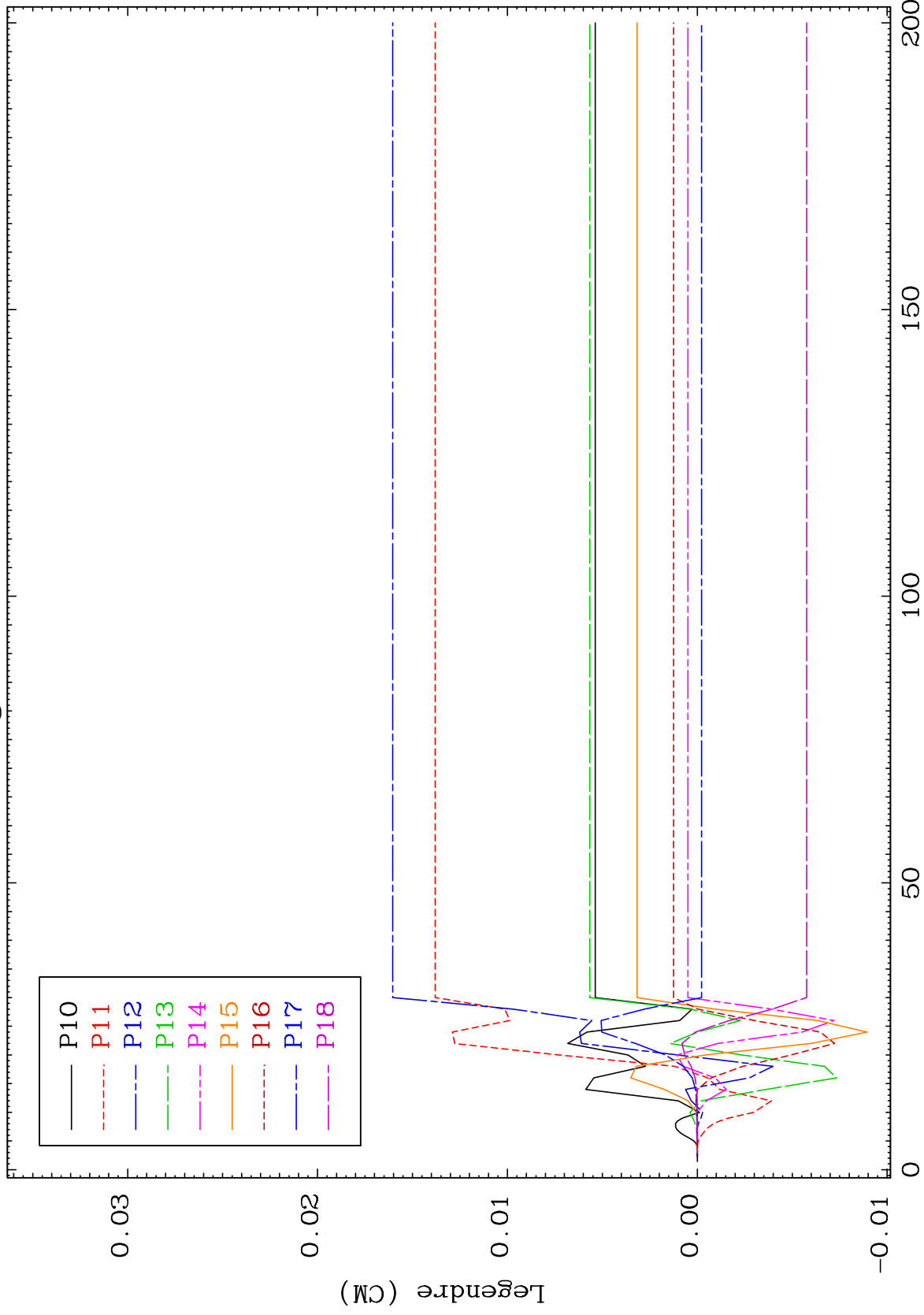
65-Tb-159



MAT 6525

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

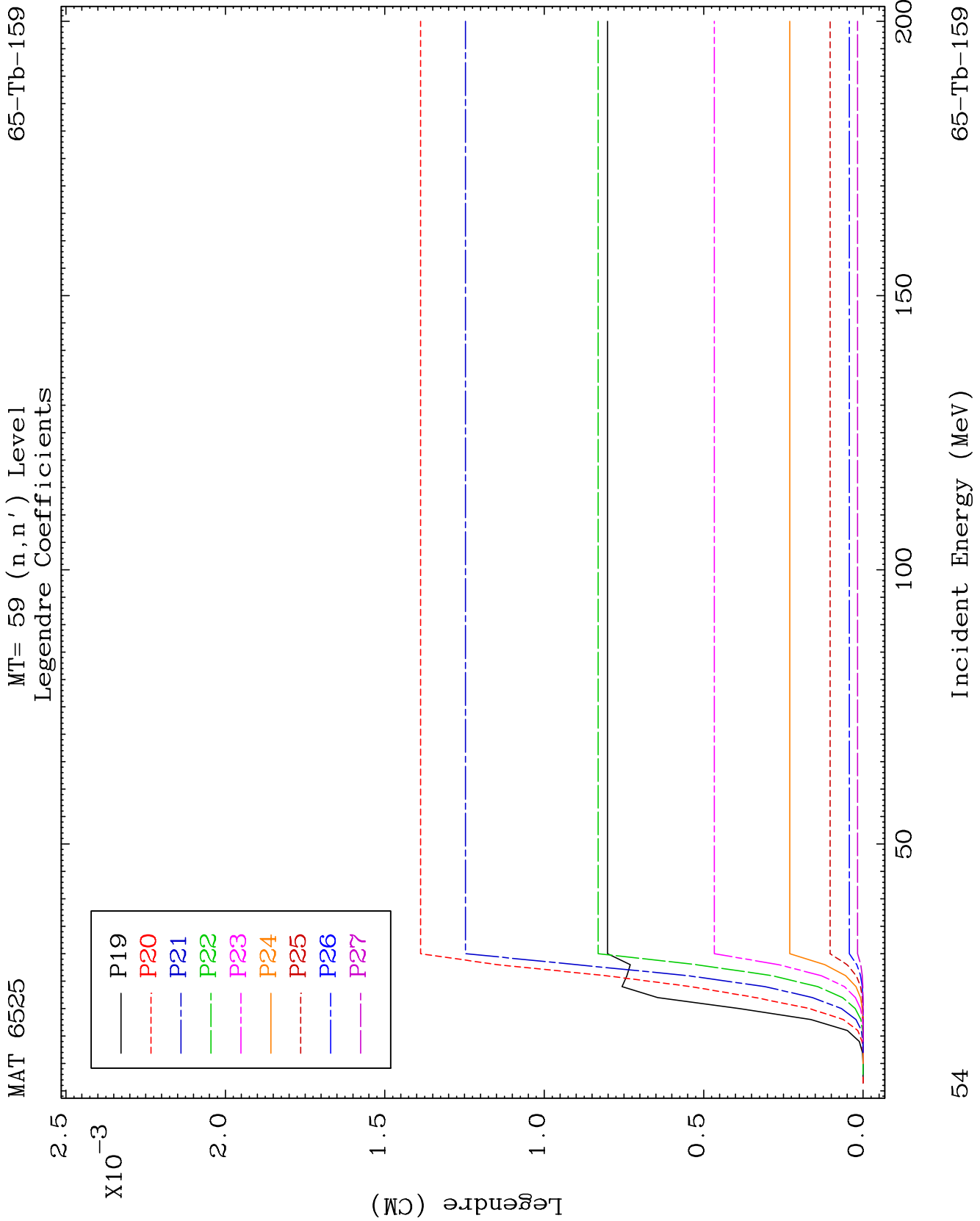
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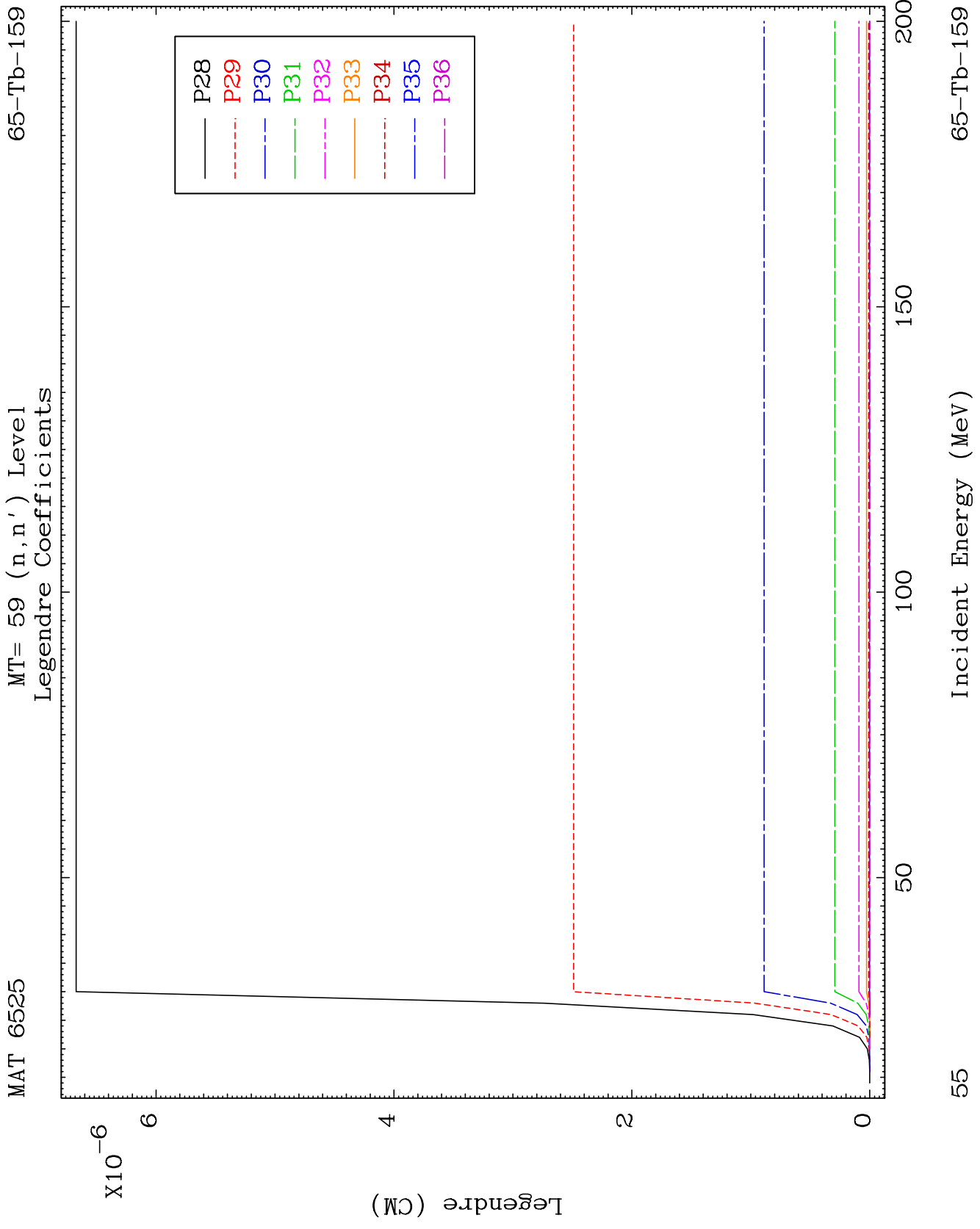


53

Incident Energy (MeV)

65-Tb-159

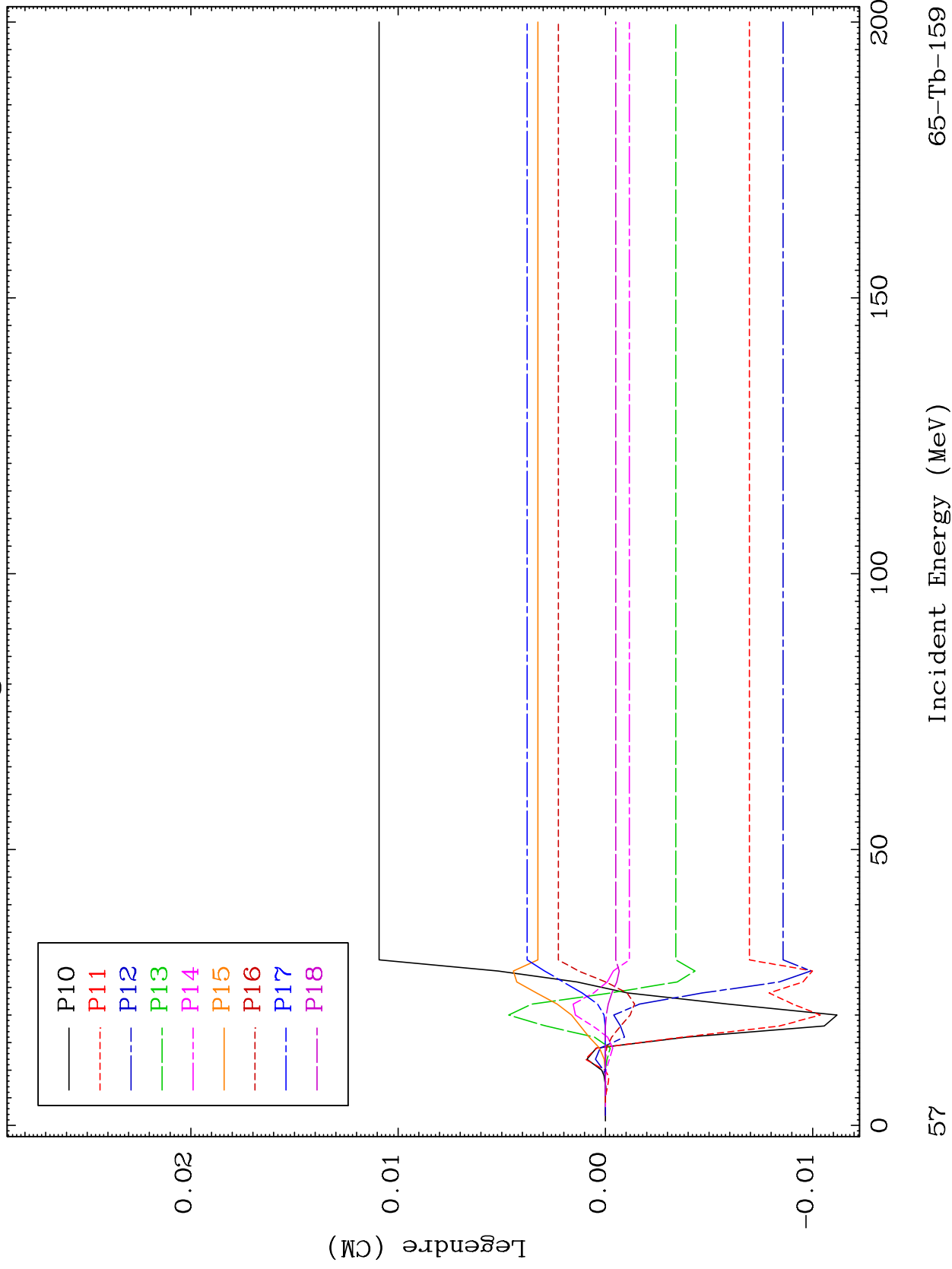




MAT 6525

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

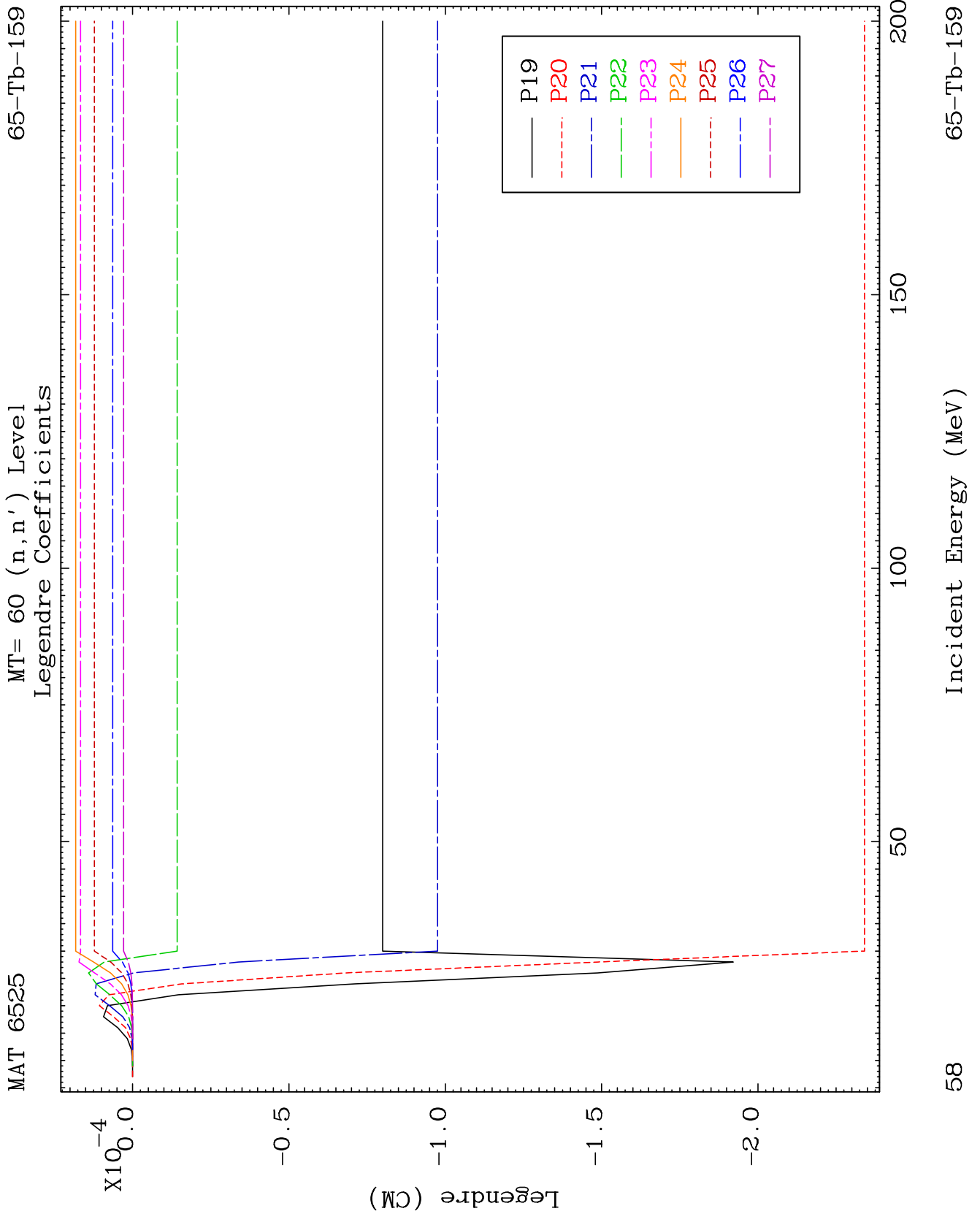
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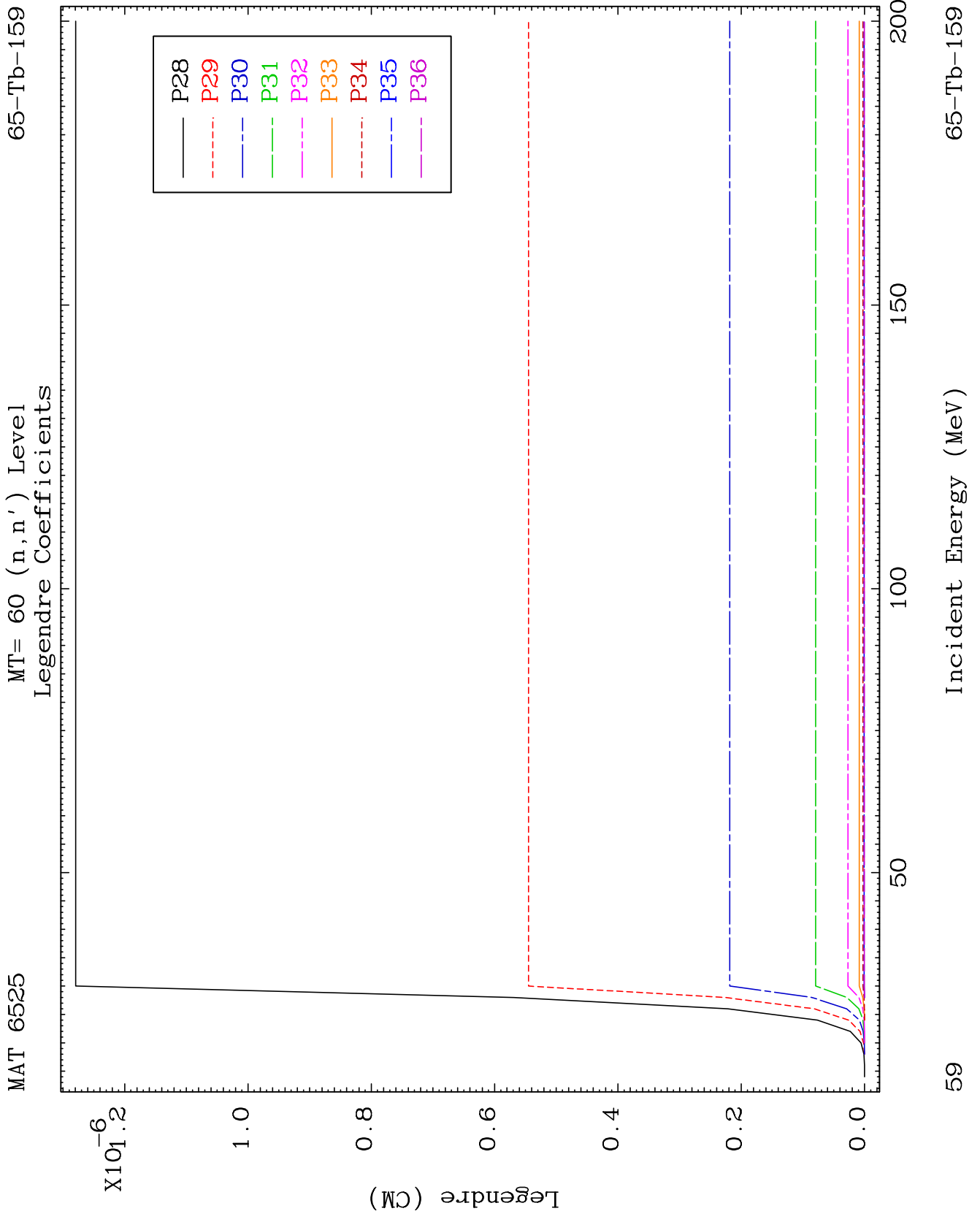


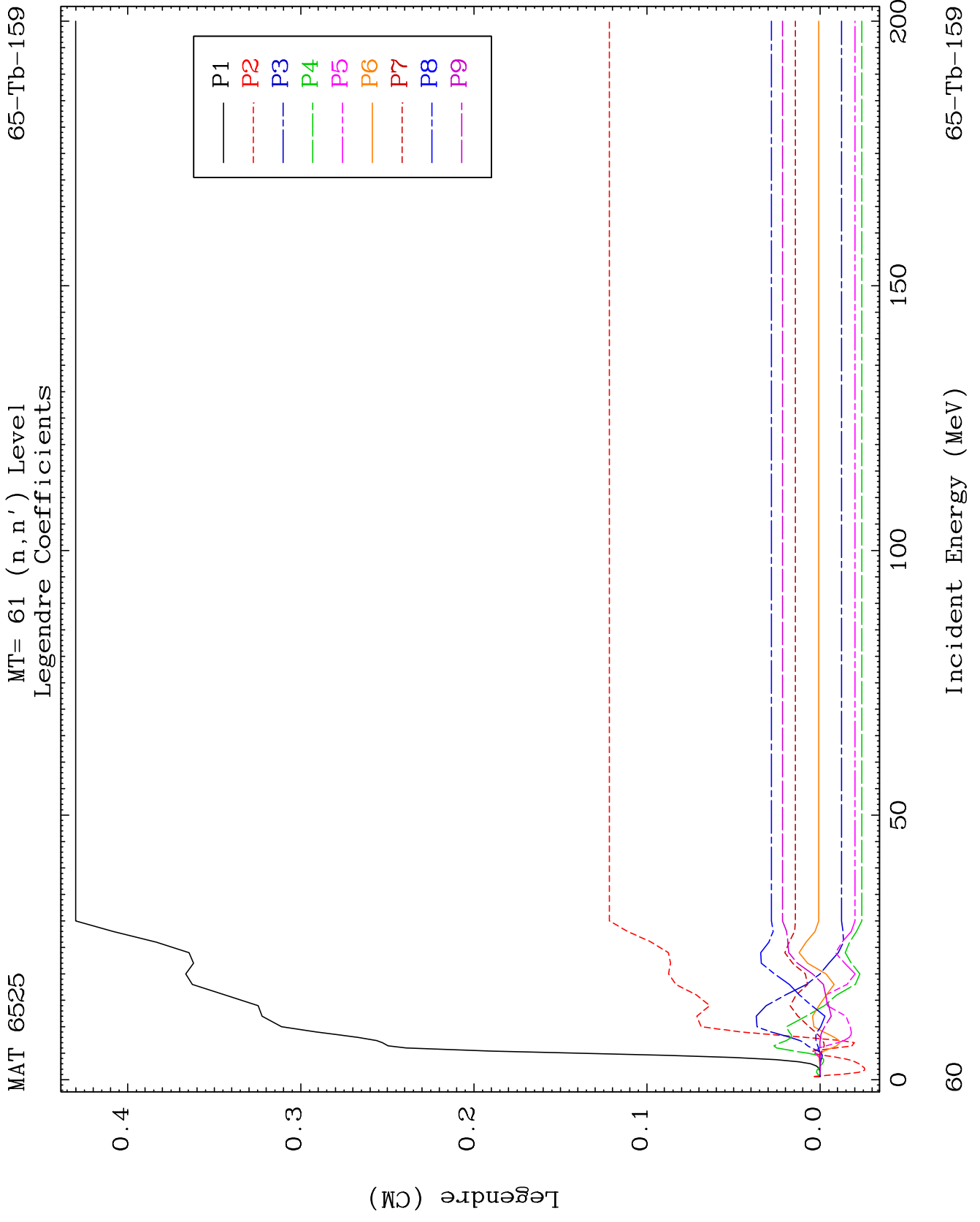
57

Incident Energy (MeV)

65-Tb-159



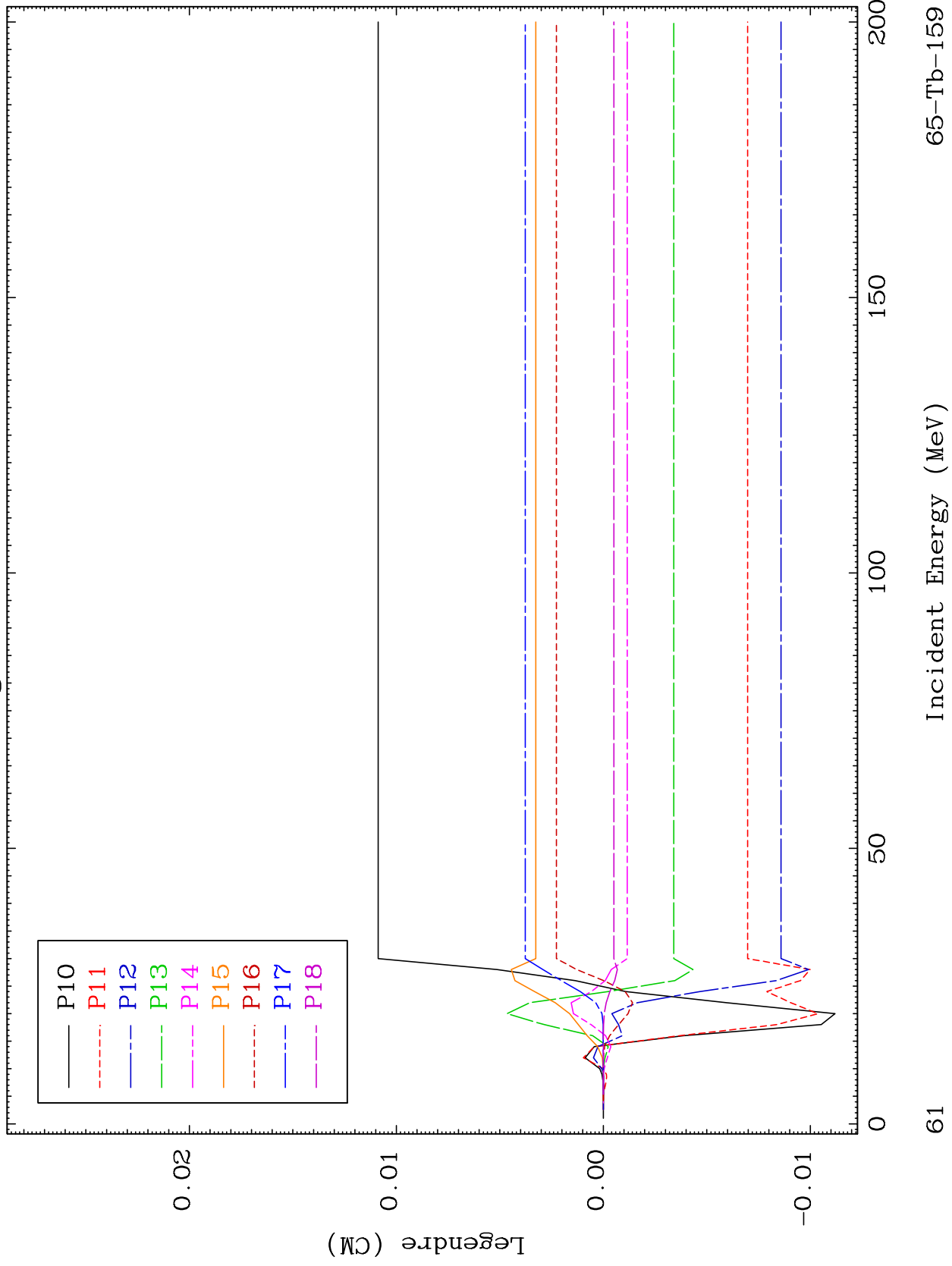


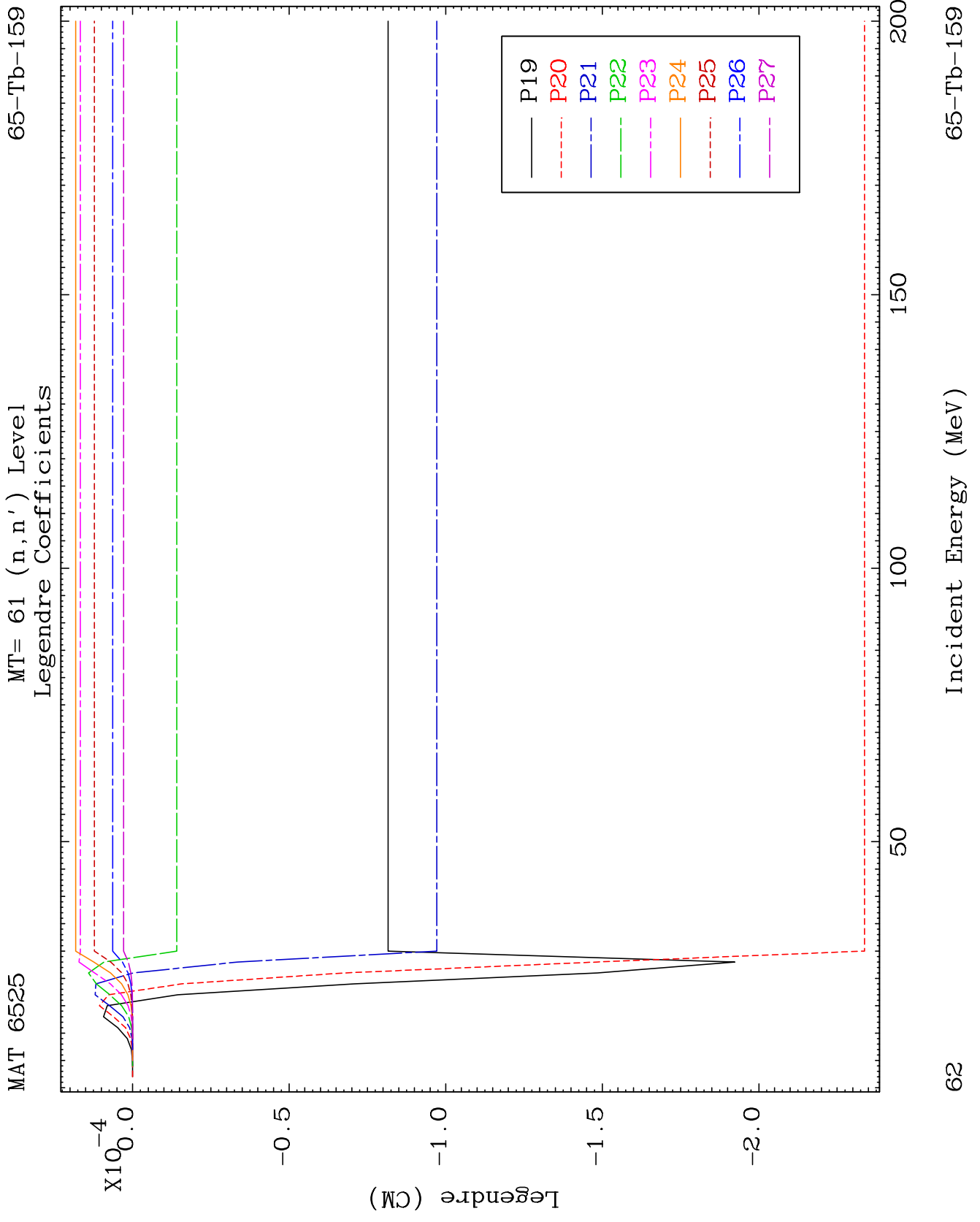


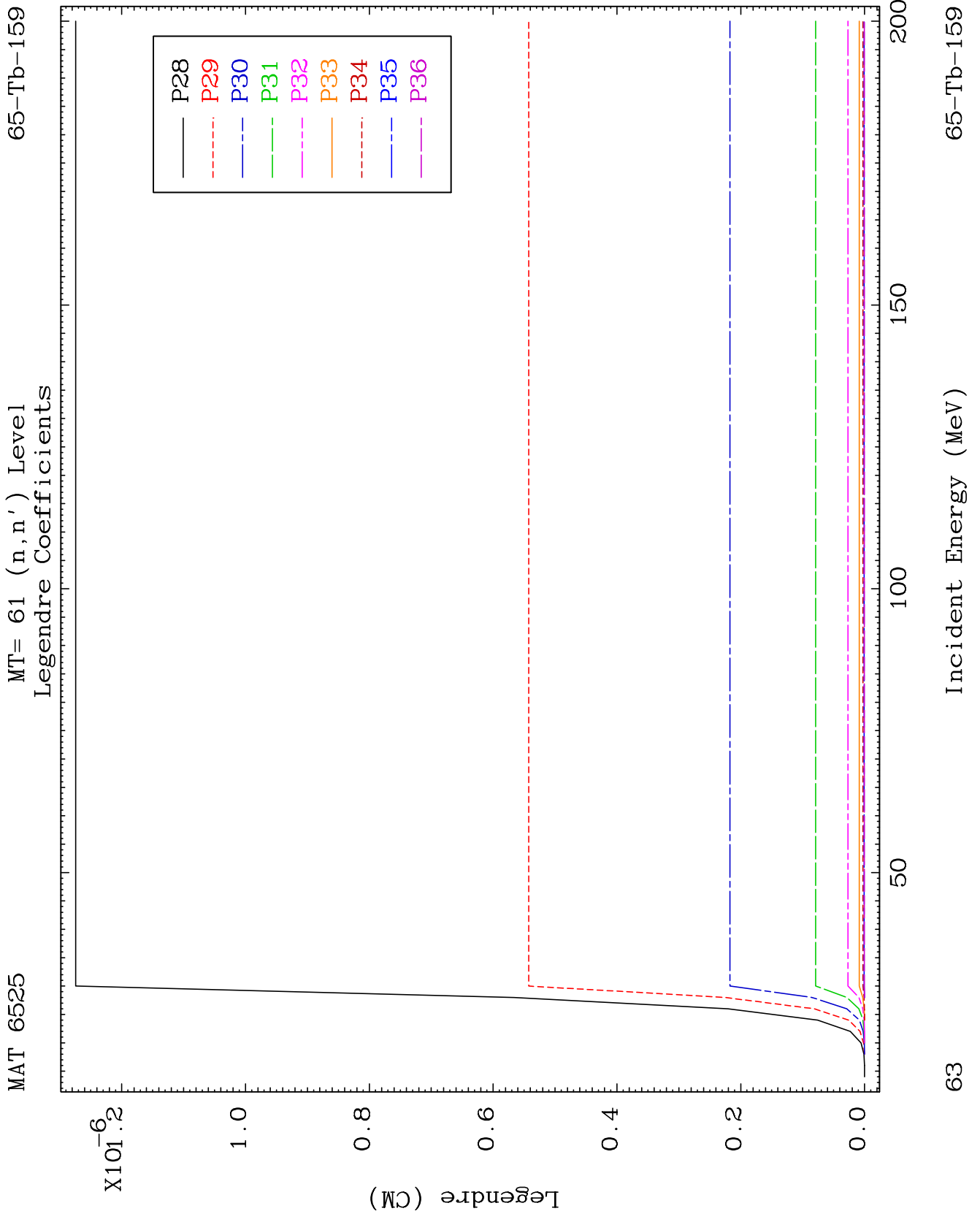
MAT 6525

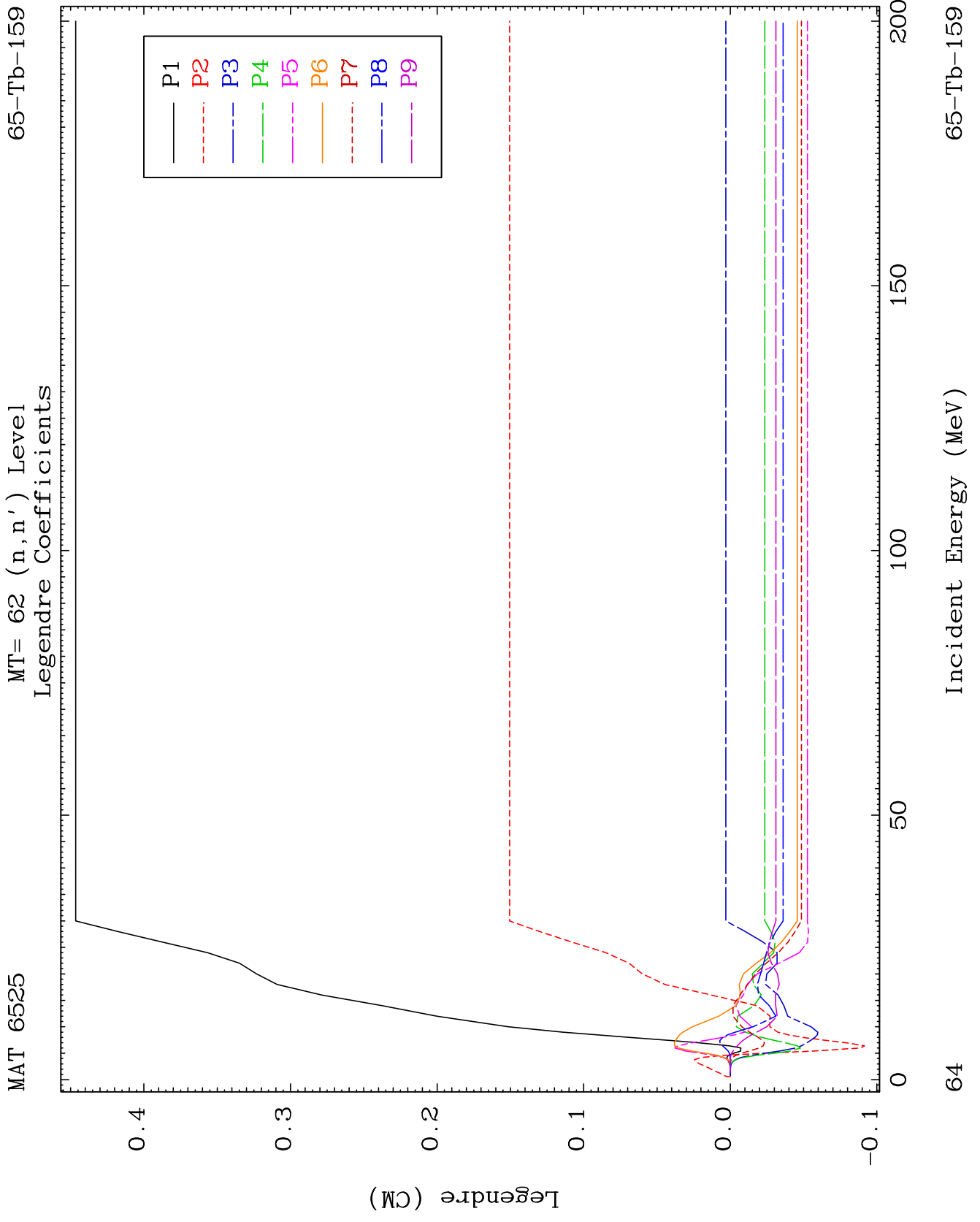
MT= 61 (n,n') Level
Legendre Coefficients

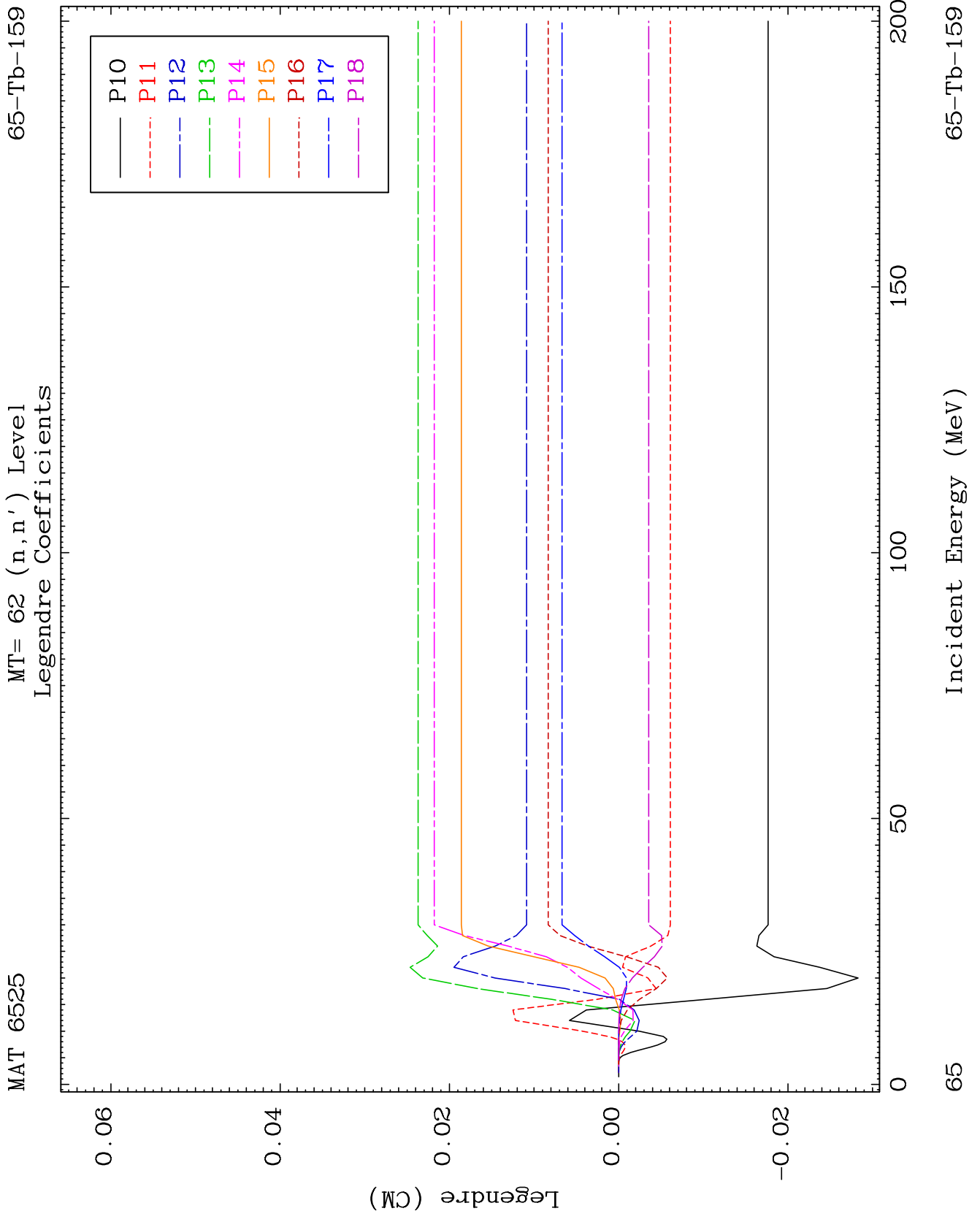
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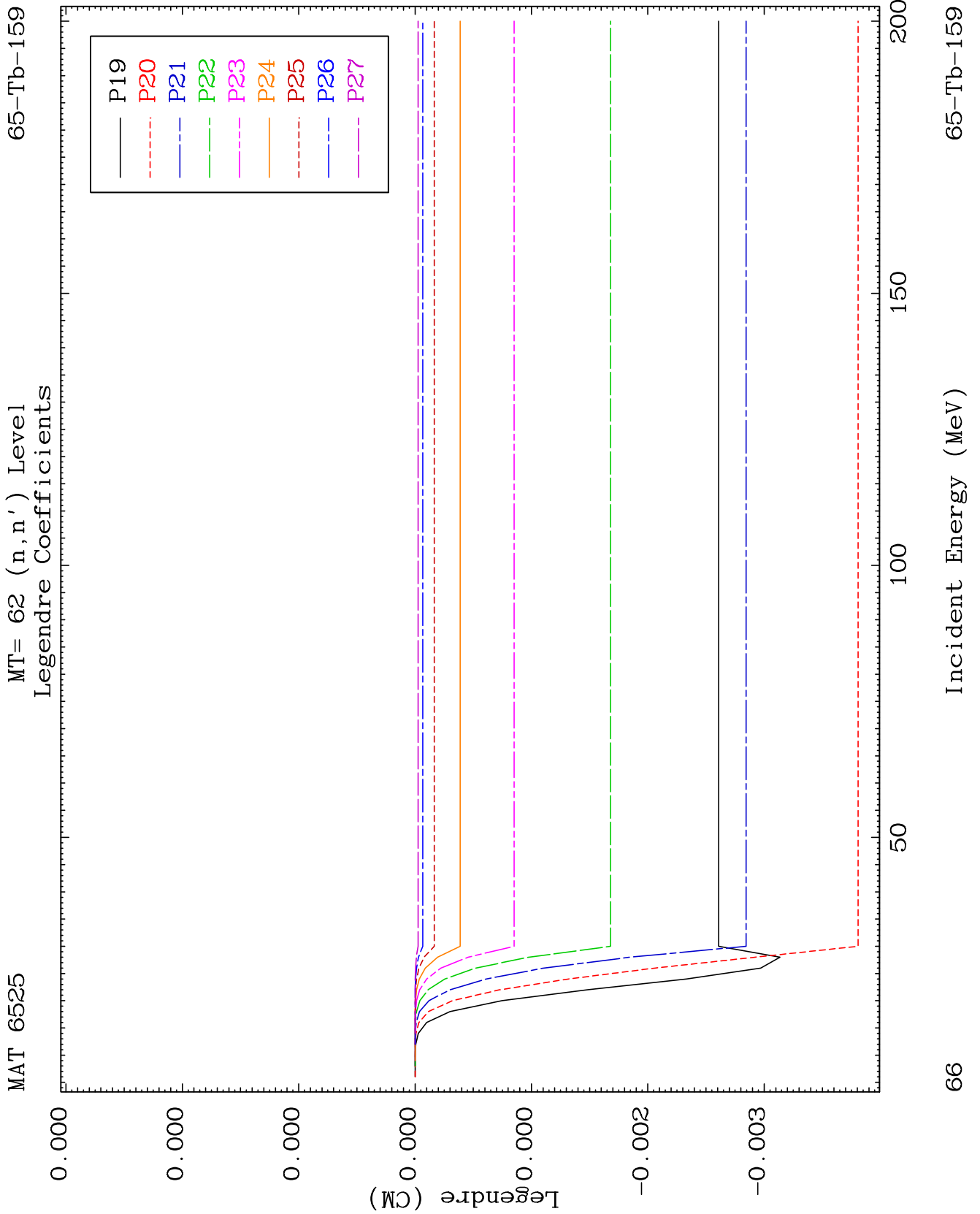


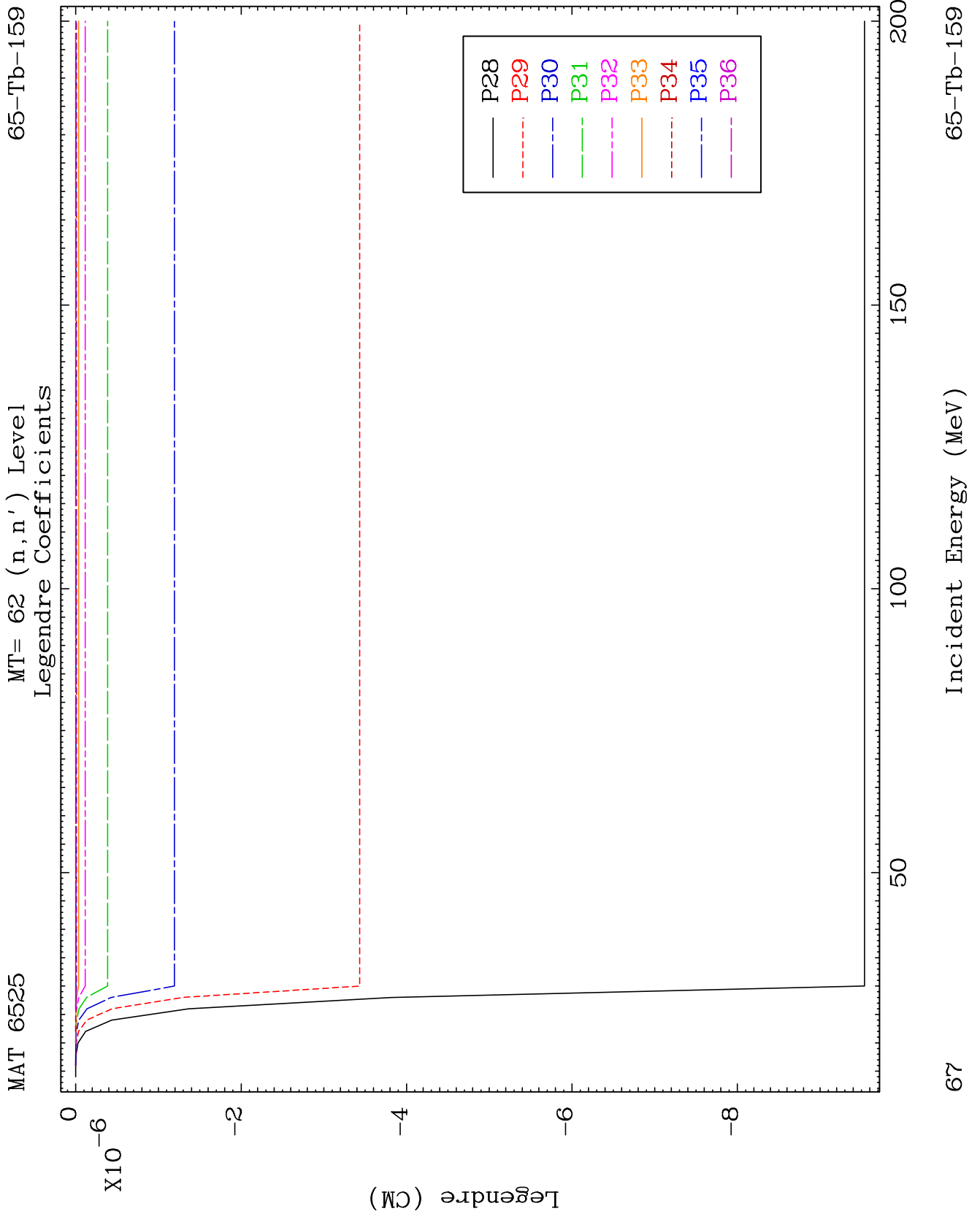








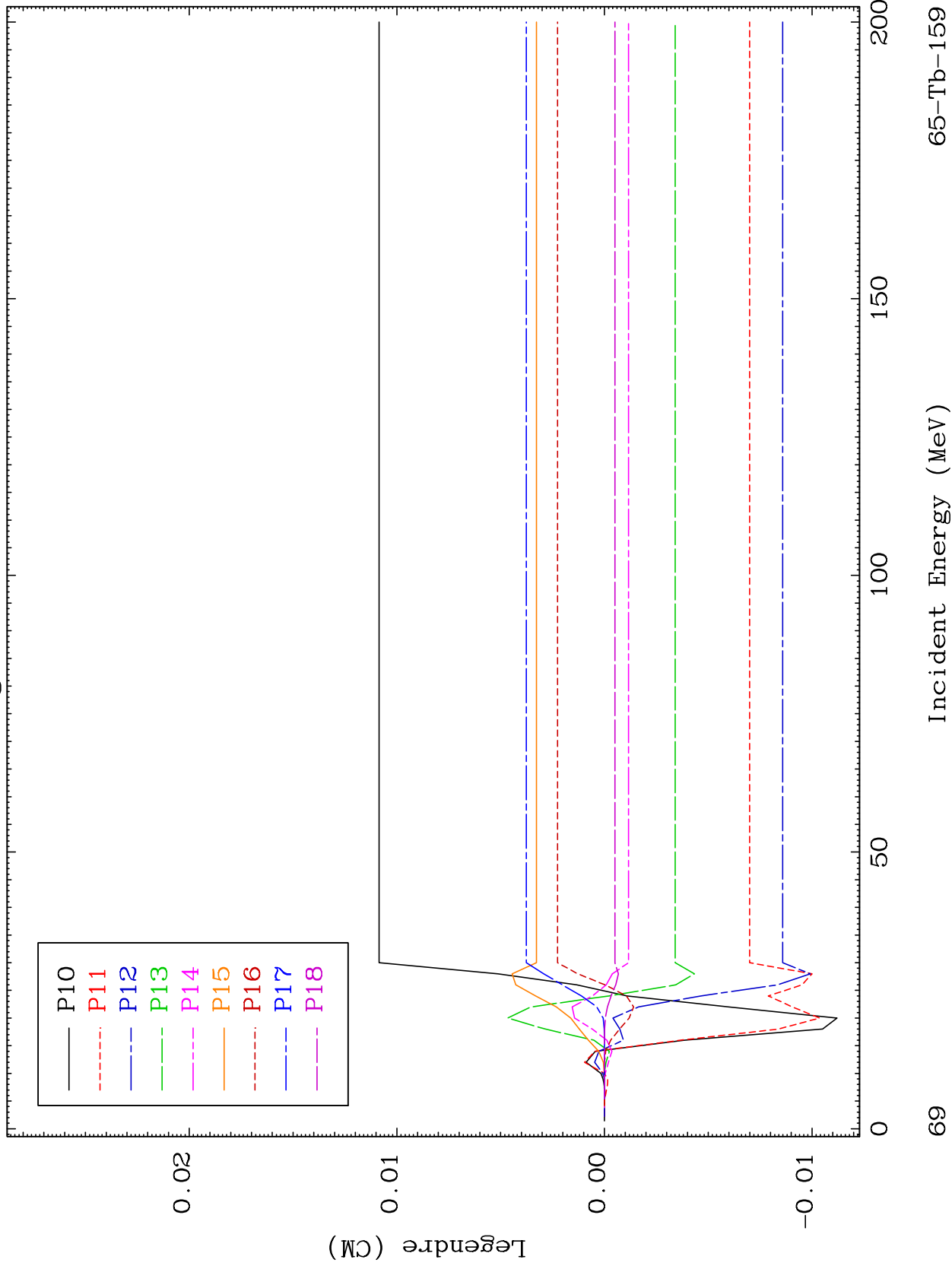




MAT 6525

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

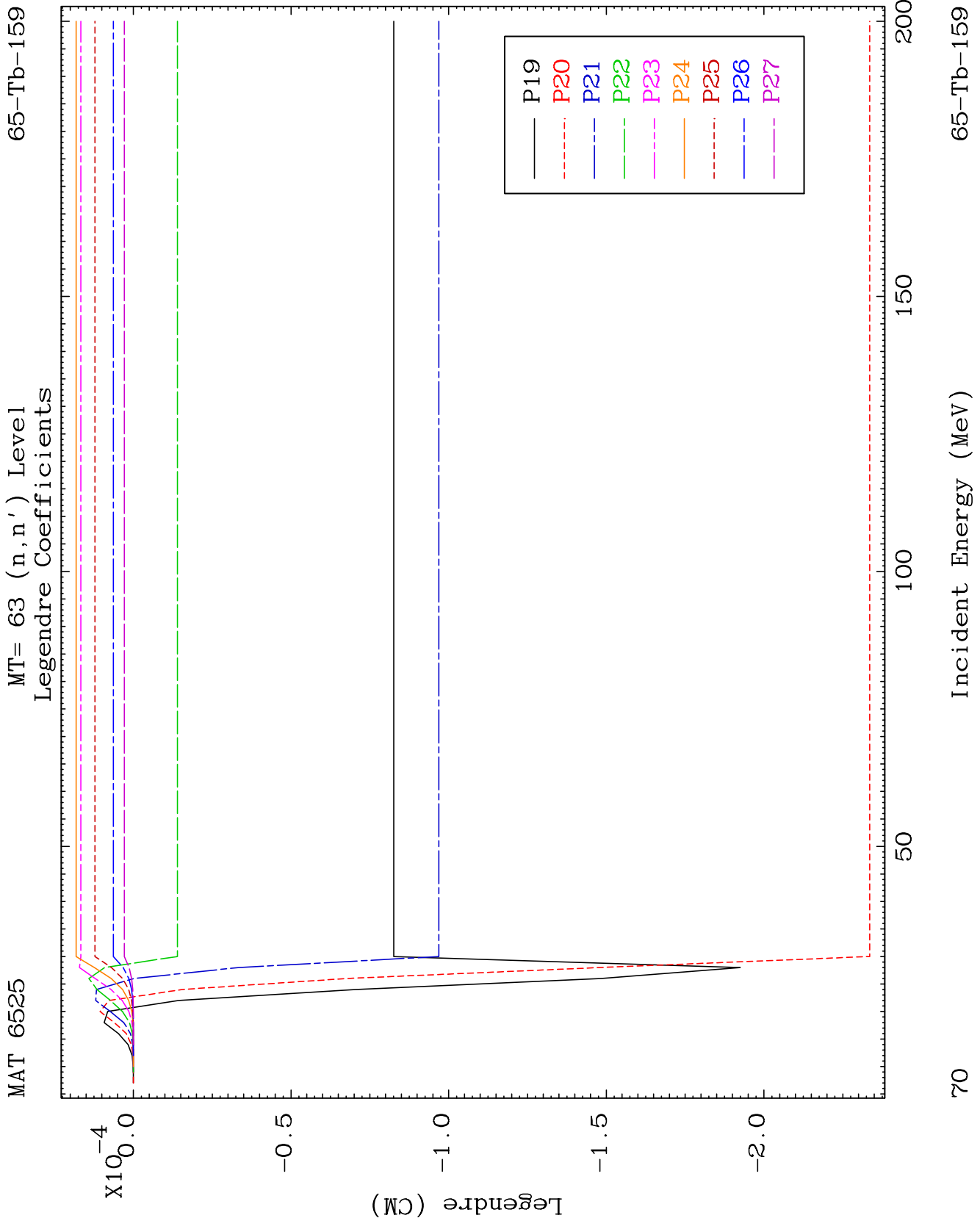
65-Tb-159



65-Tb-159

Incident Energy (MeV)

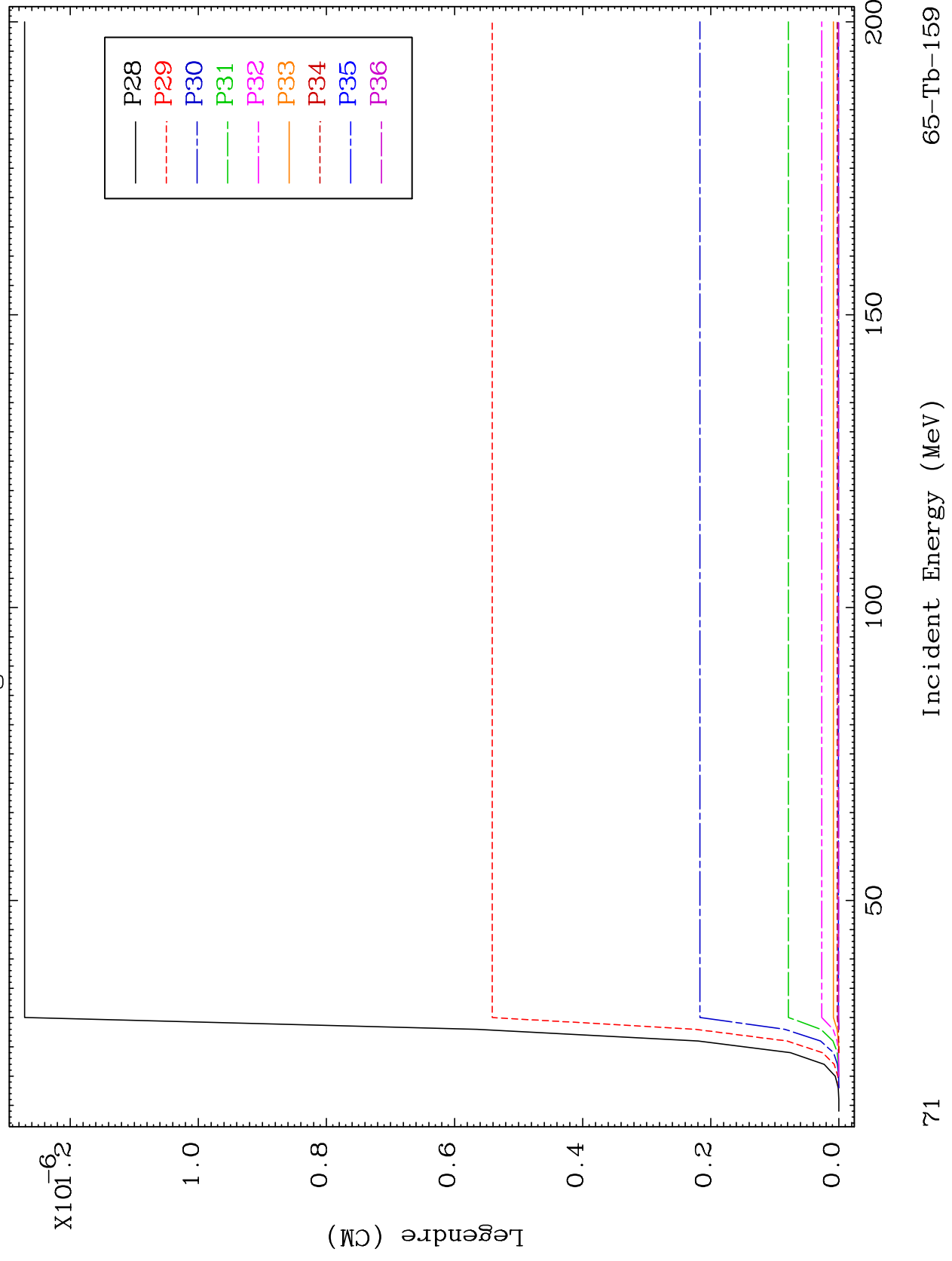
69



MAT 6525

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

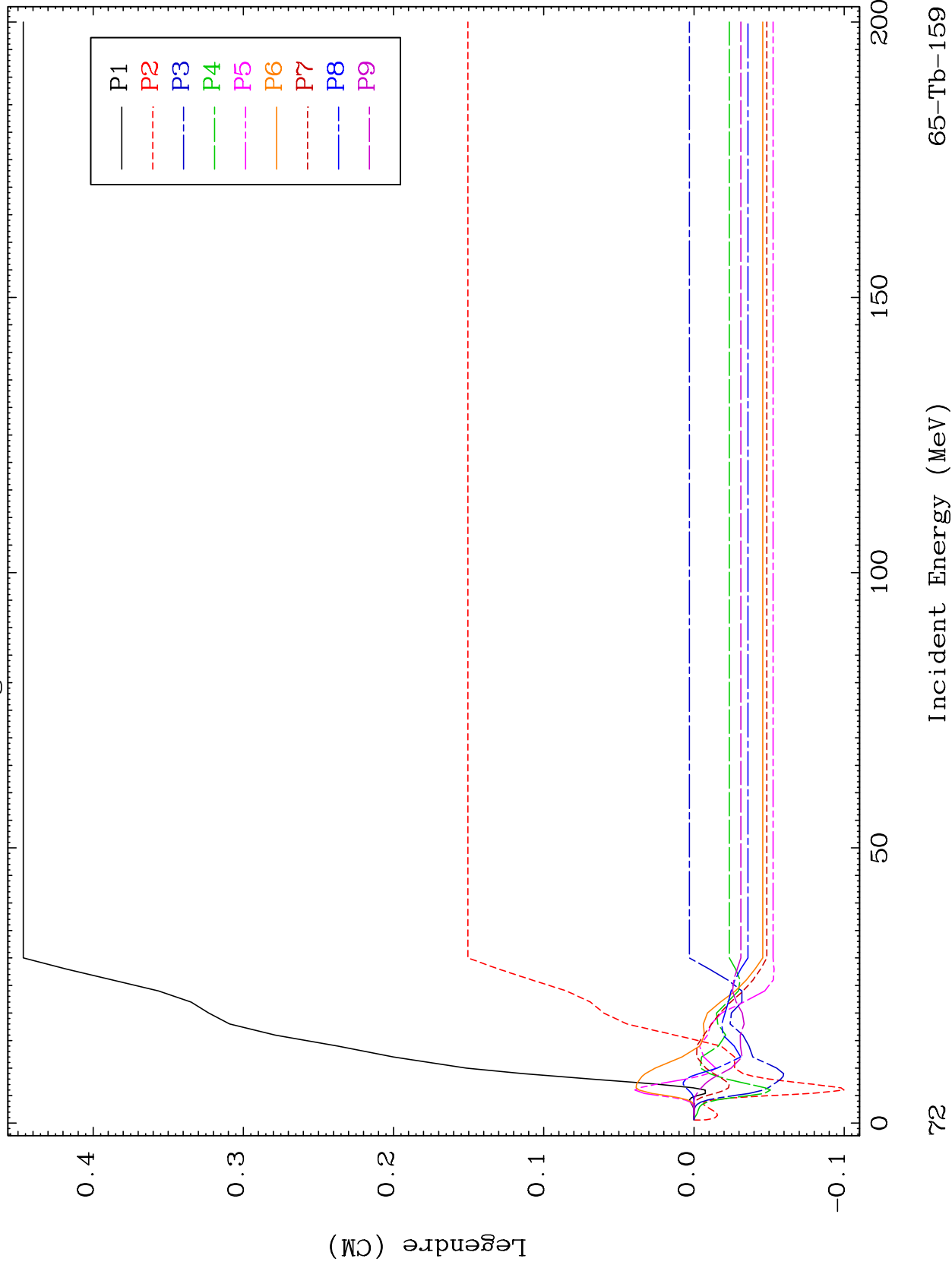
65-Tb-159



MAT 6525

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

65-Tb-159

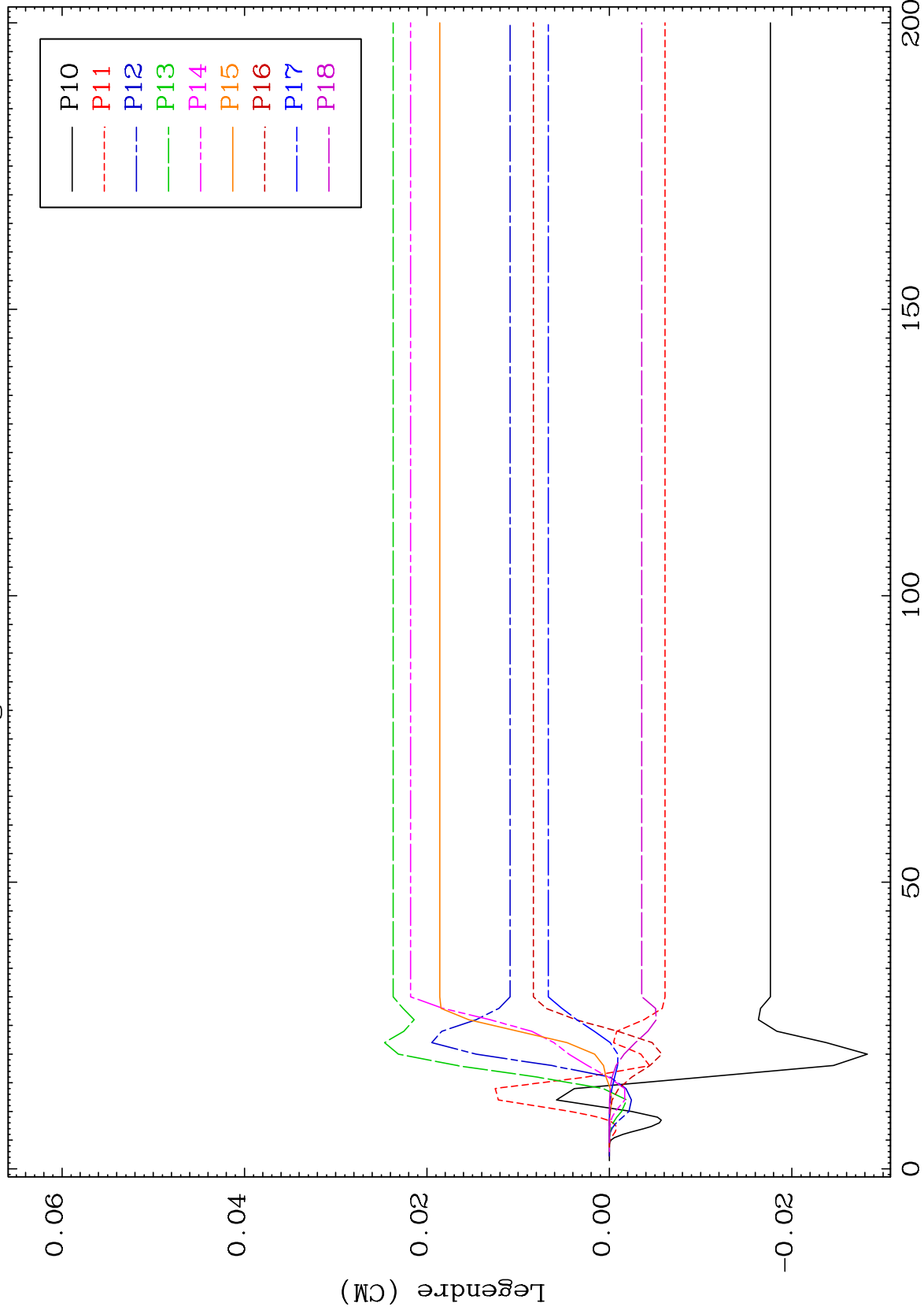


65-Tb-159

MAT 6525

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

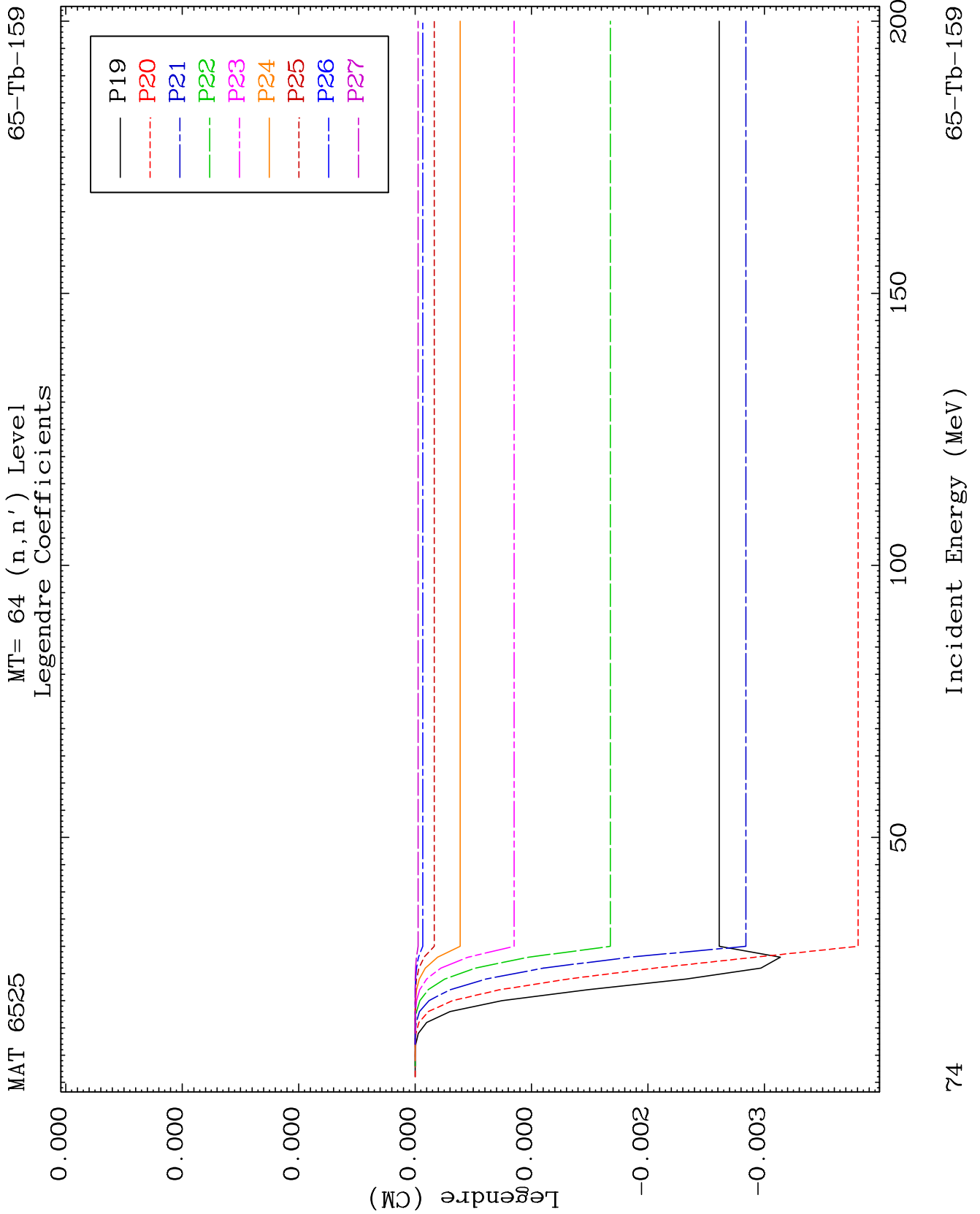
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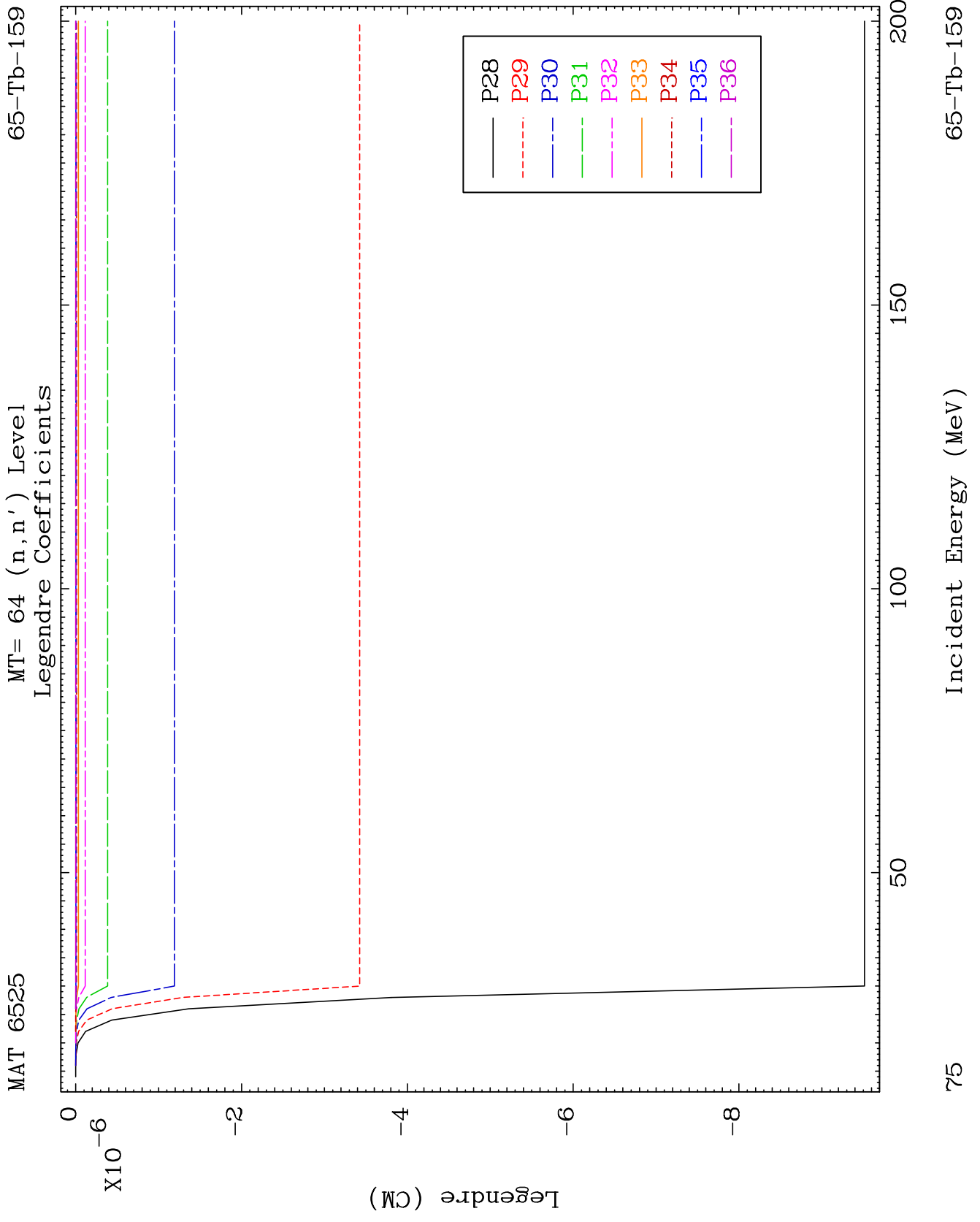


73

Incident Energy (MeV)

65-Tb-159

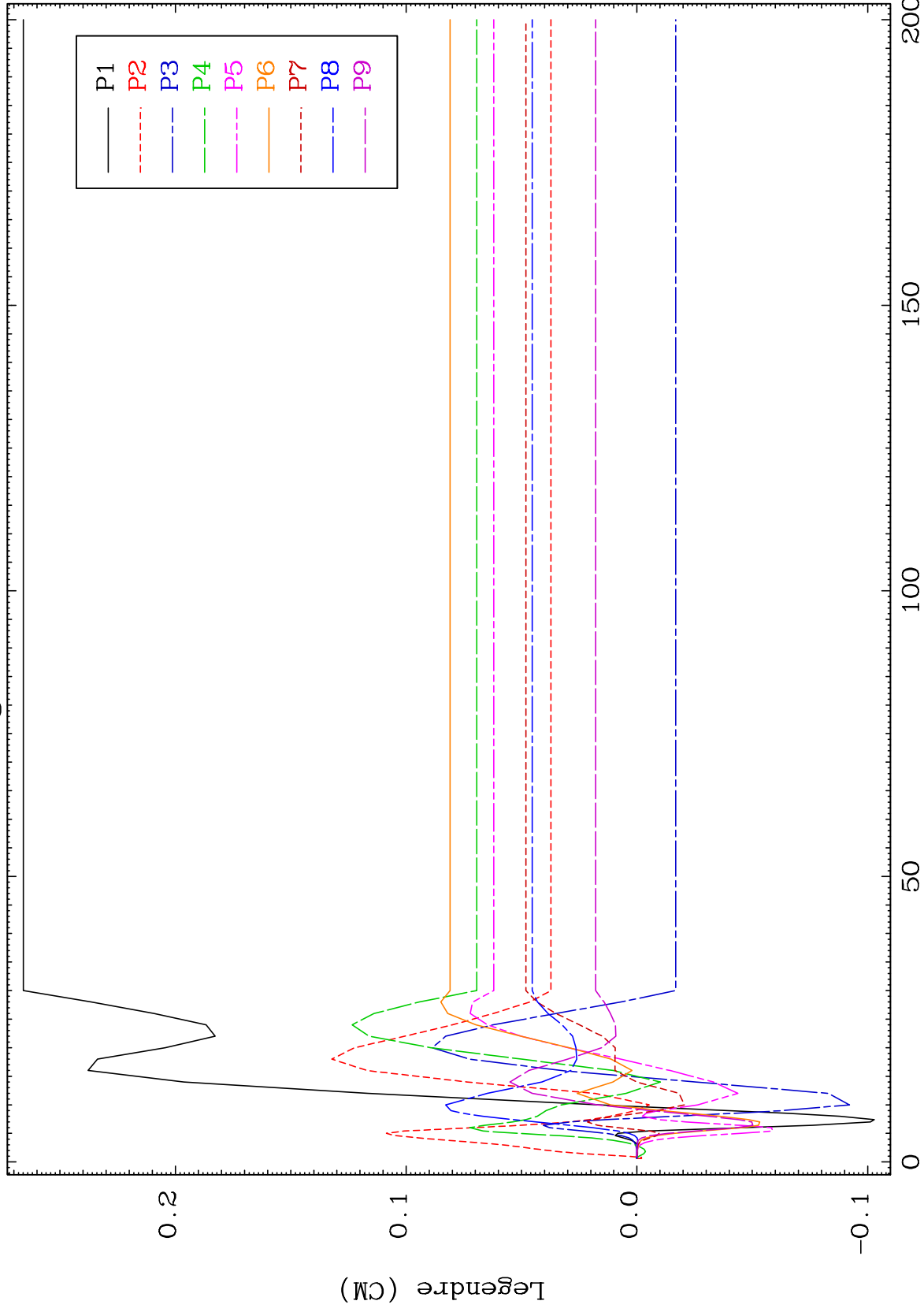




MAT 6525

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

65-Tb-159



76

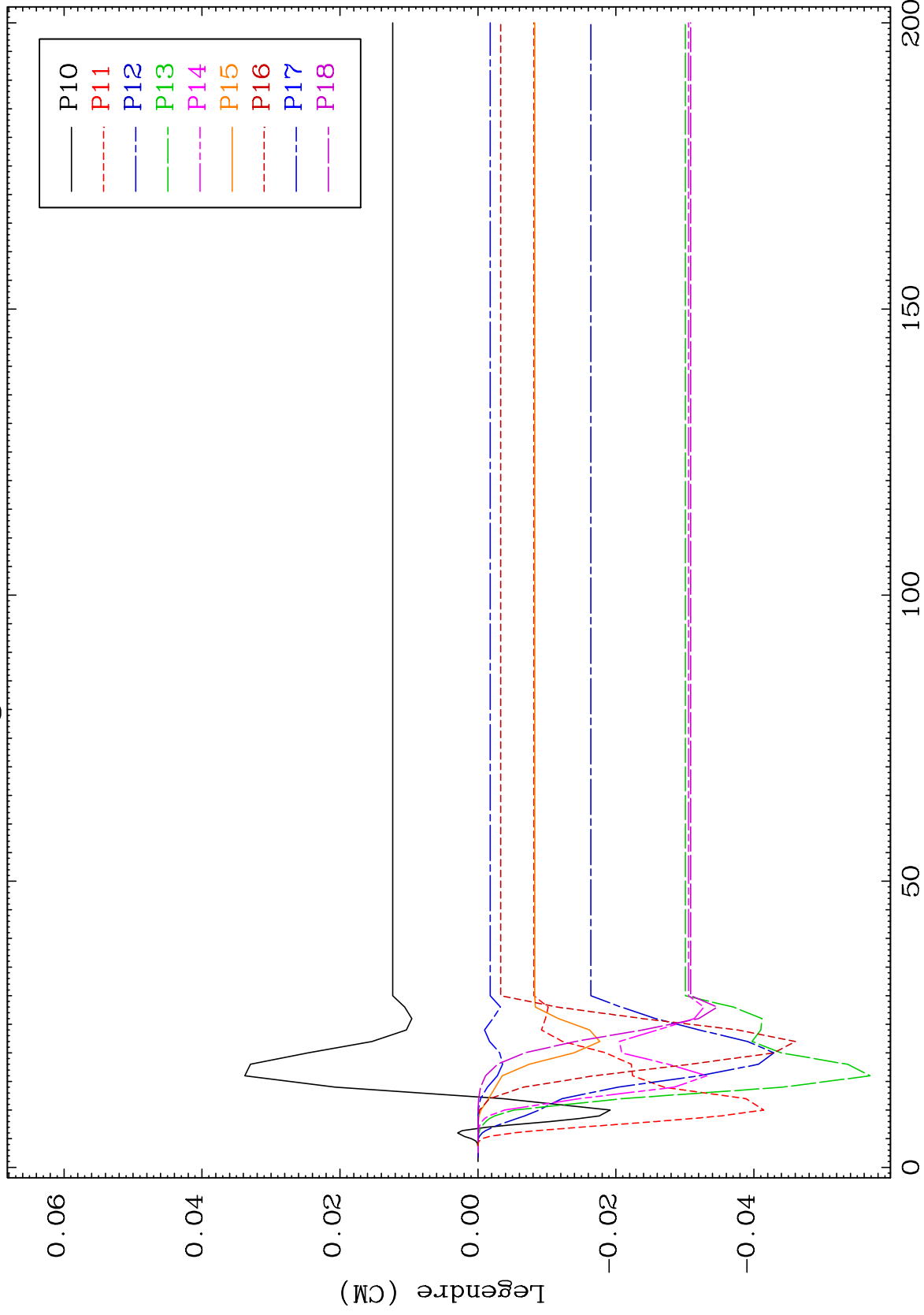
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

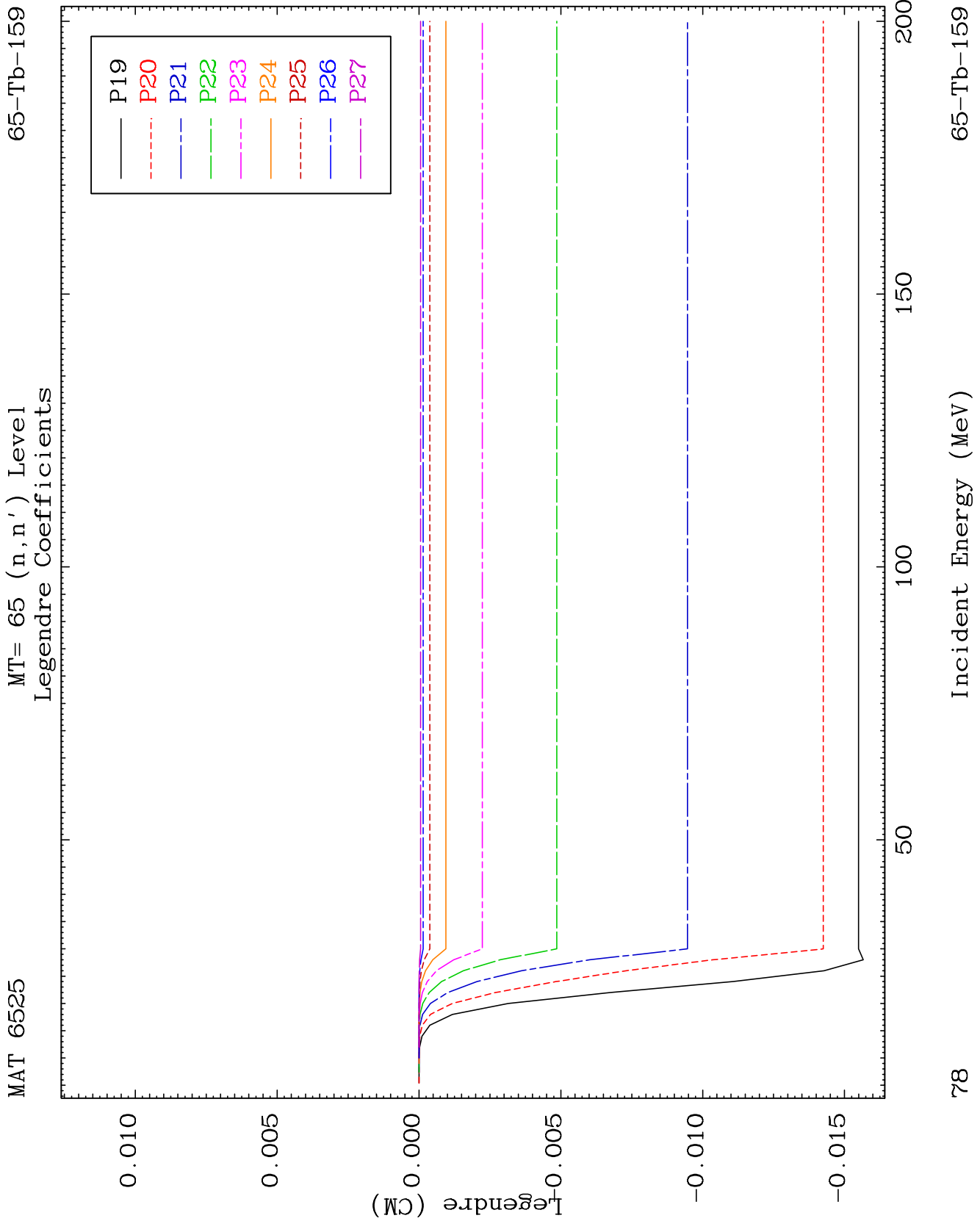
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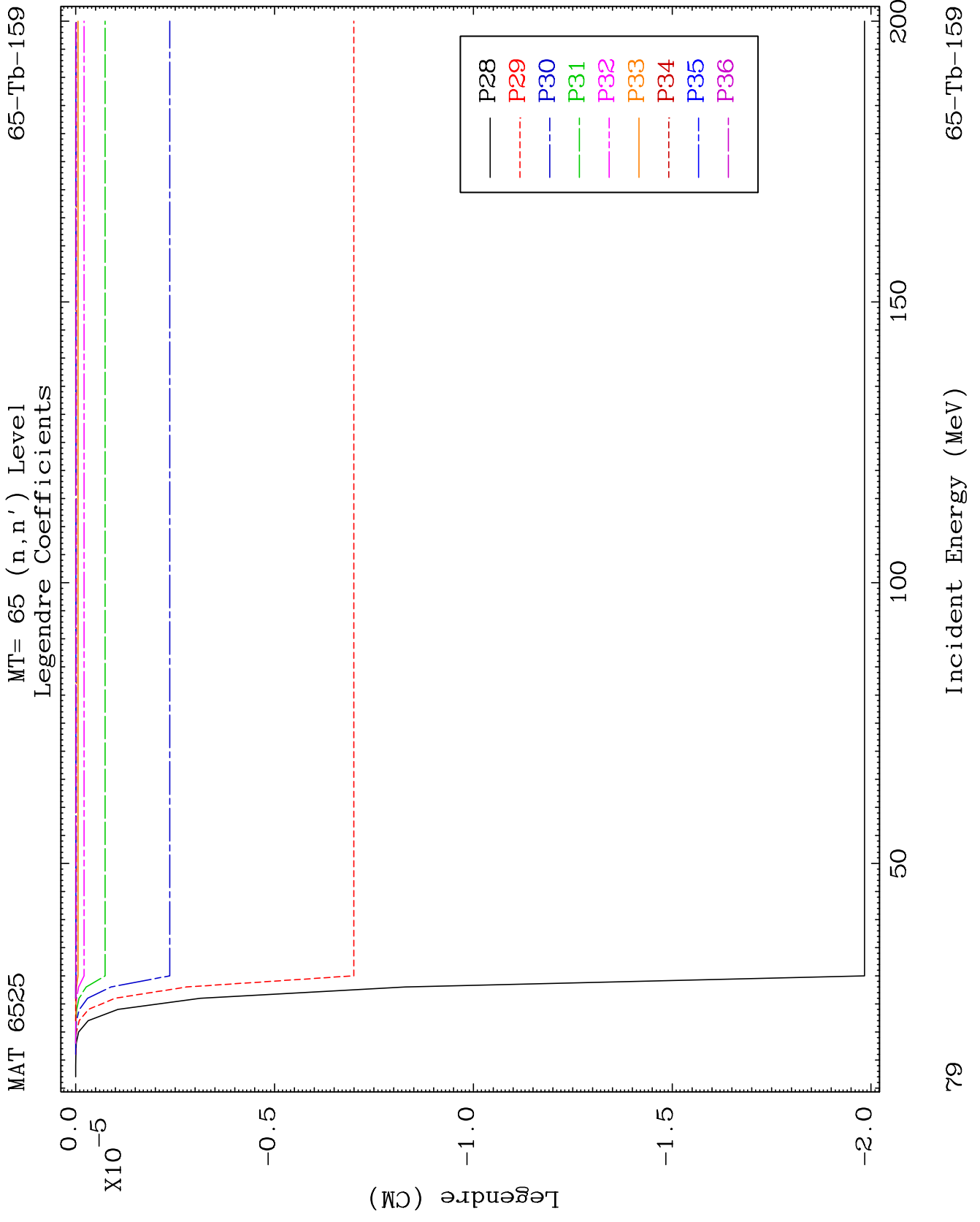


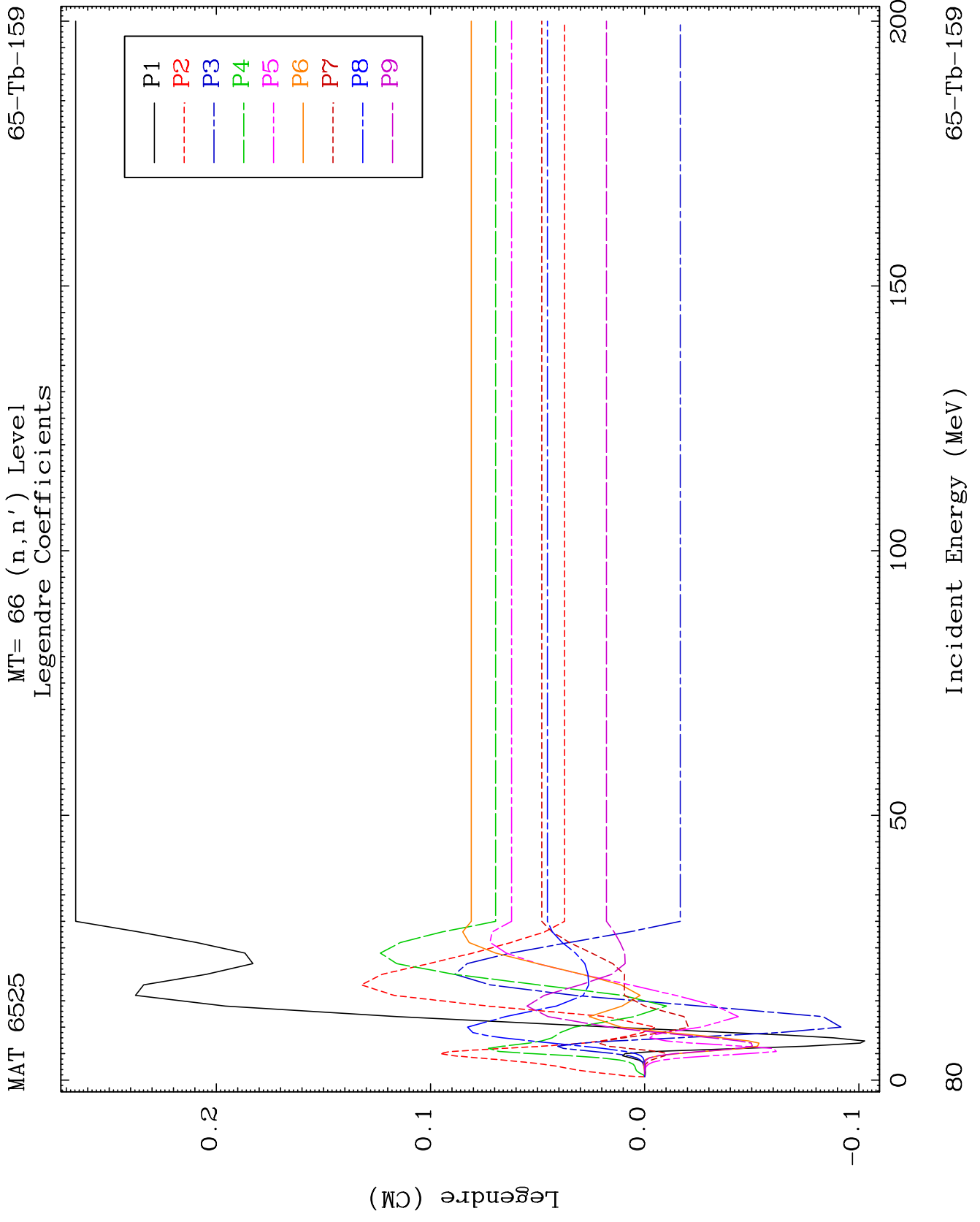
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Incident Energy (MeV)

65-Tb-159



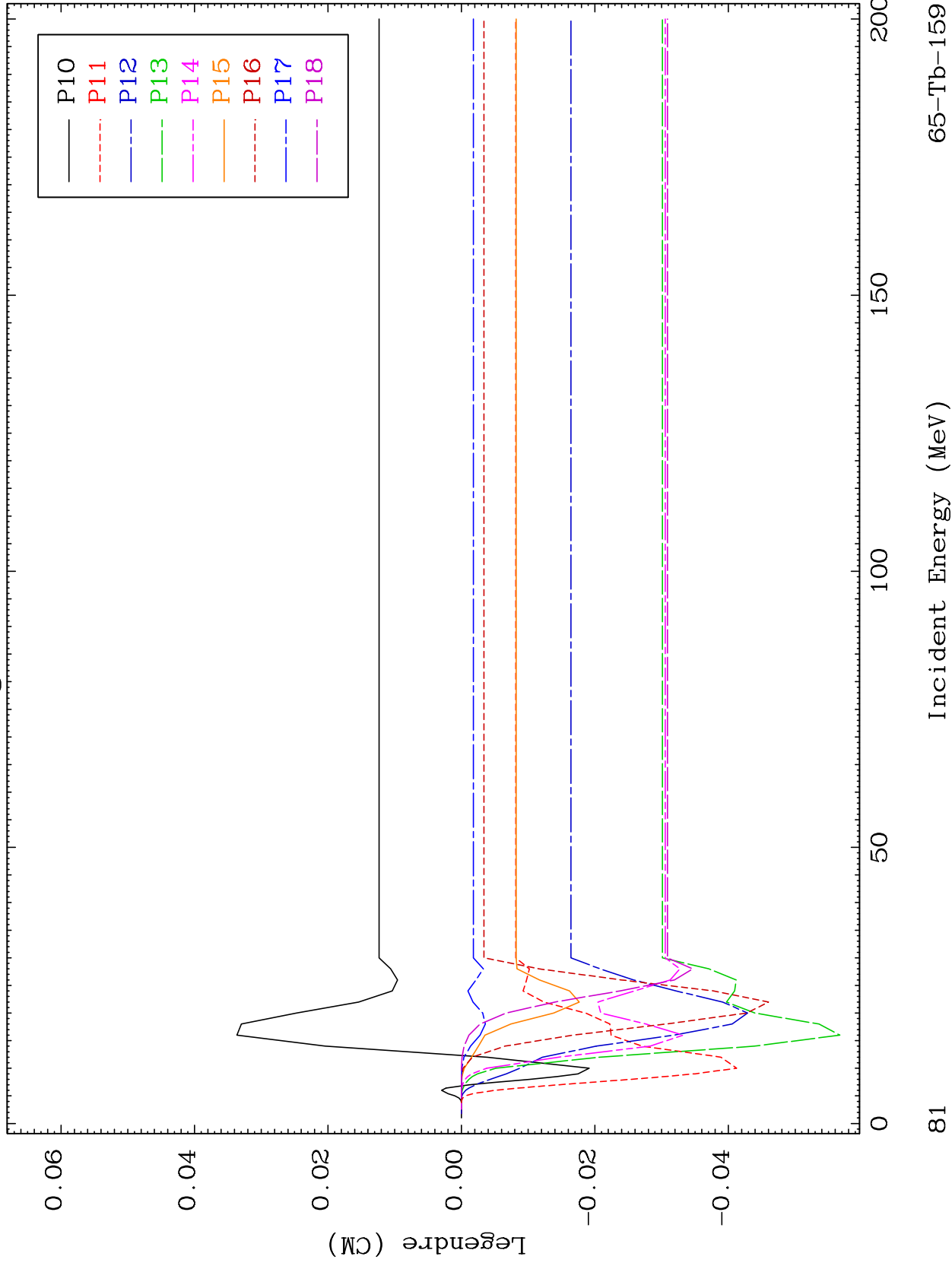




MAT 6525

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

65-Tb-159



81

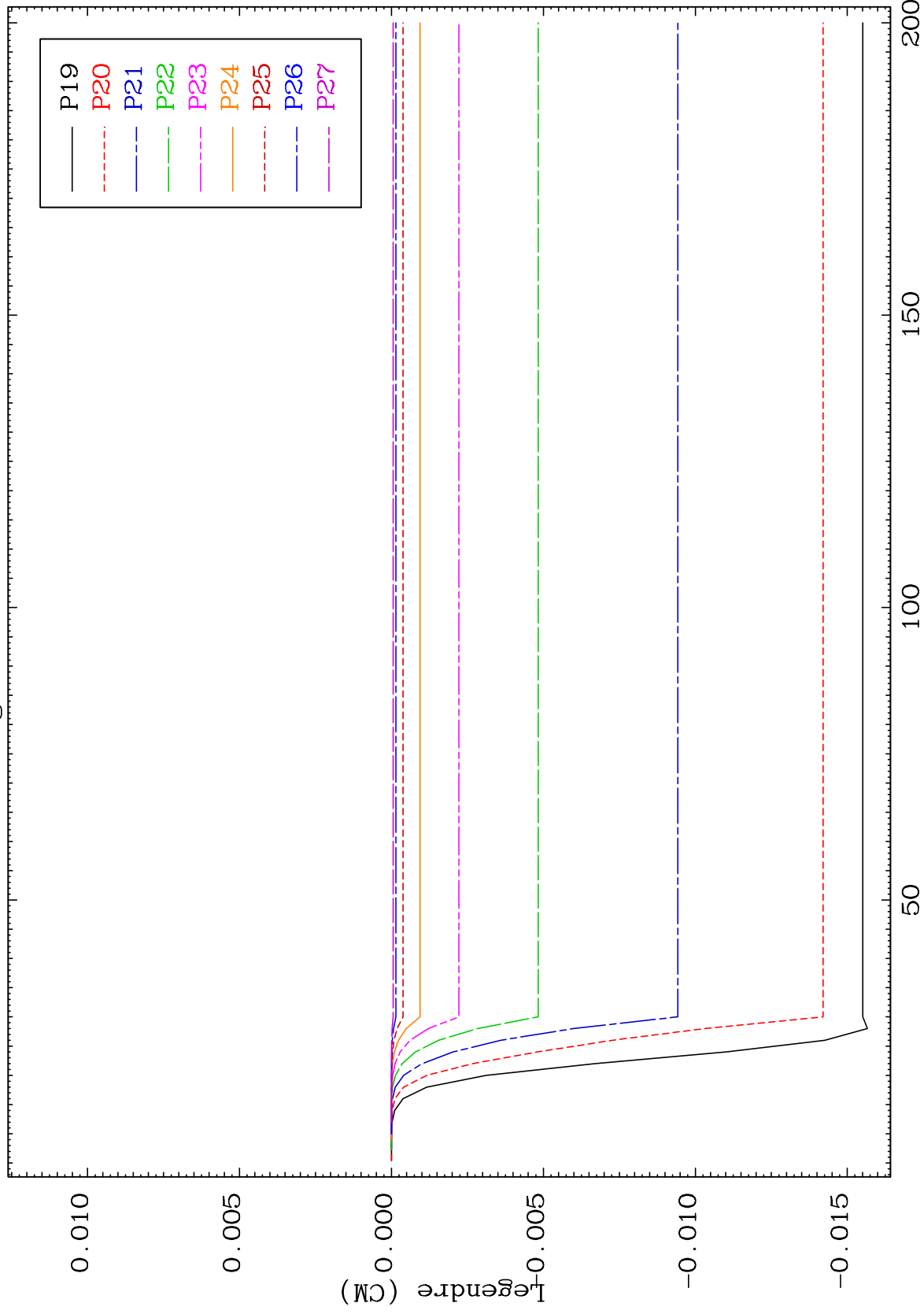
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

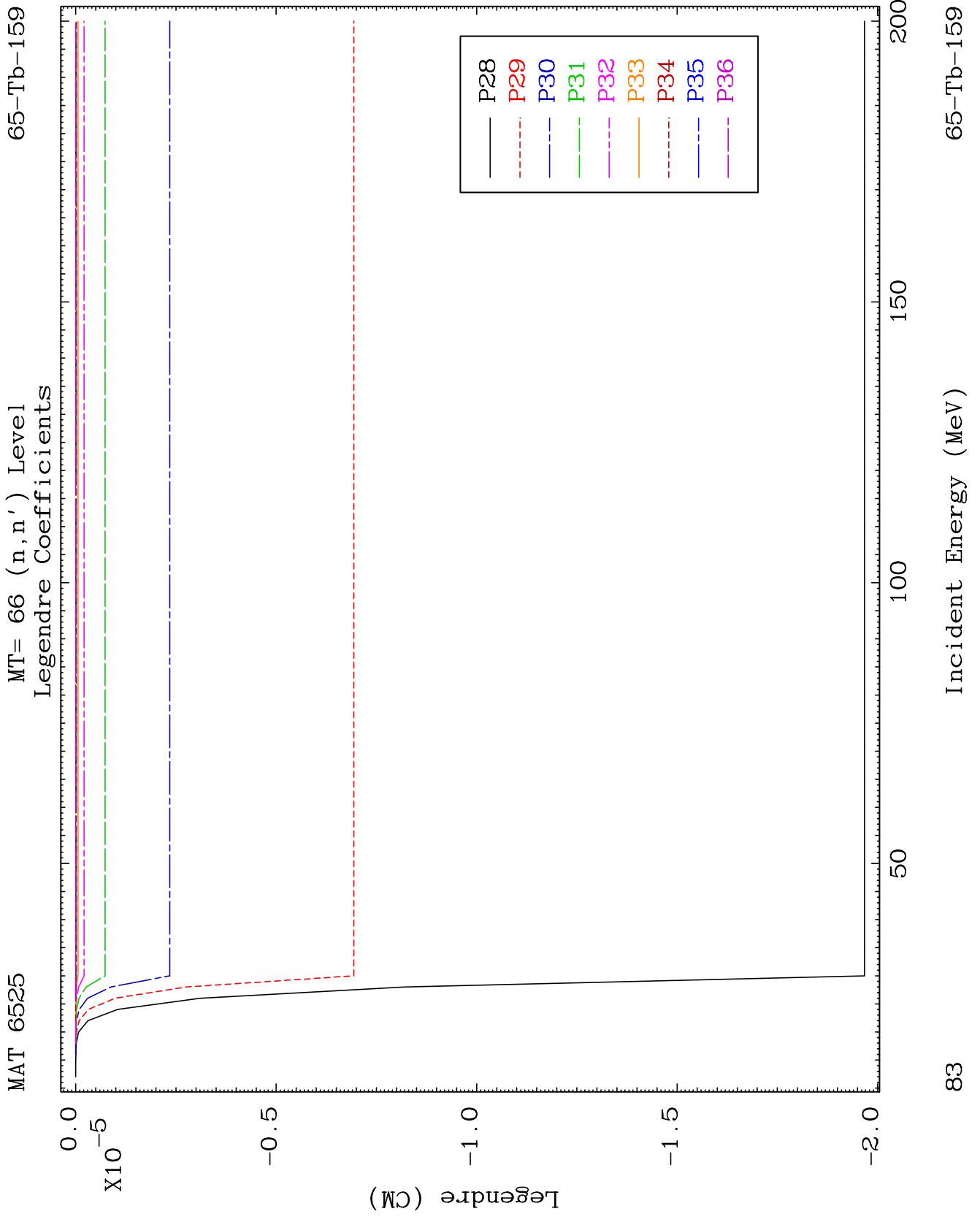
65-Tb-159



82

Incident Energy (MeV)

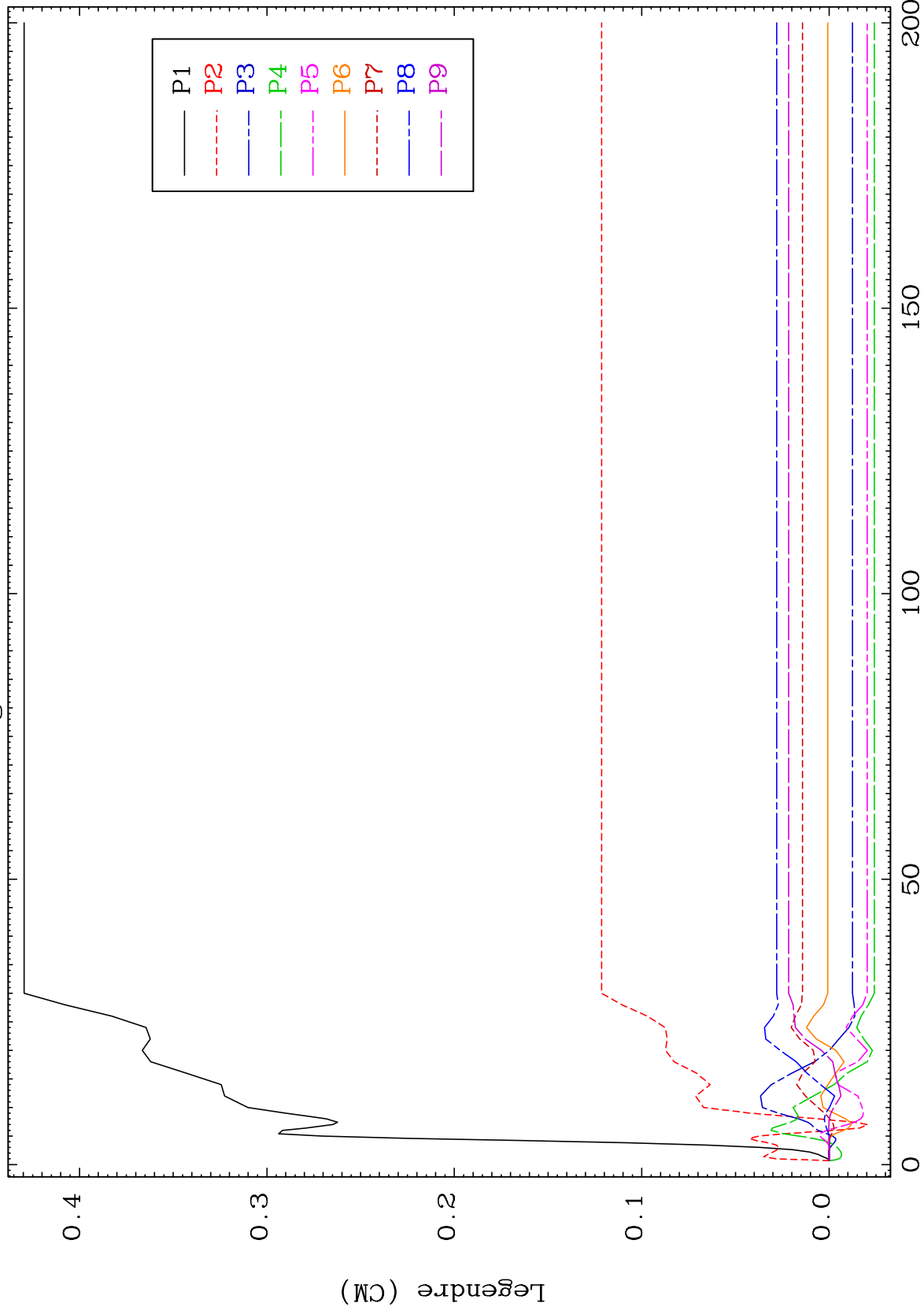
65-Tb-159



MAT 6525

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

65-Tb-159



84

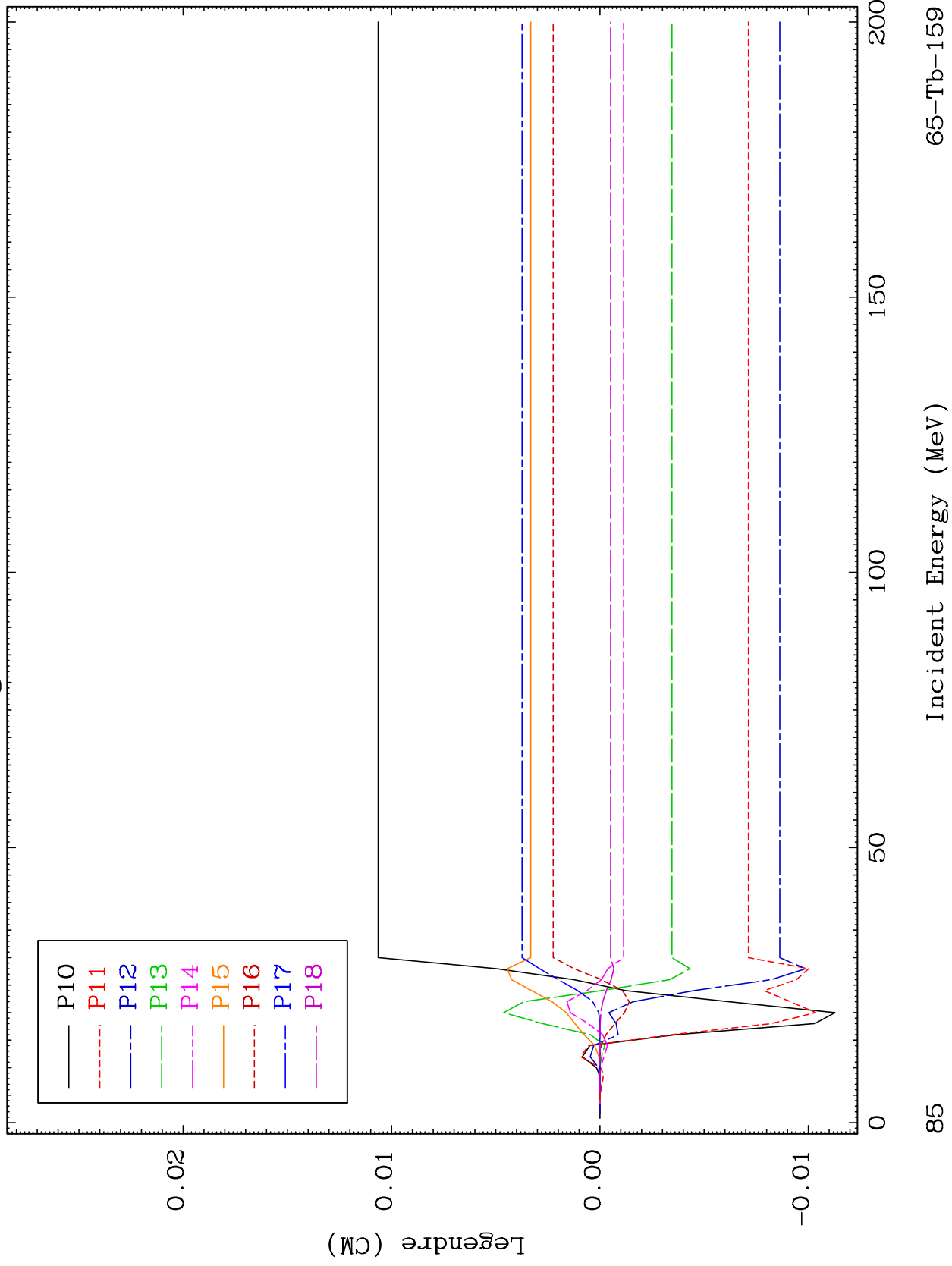
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

65-Tb-159



65-Tb-159

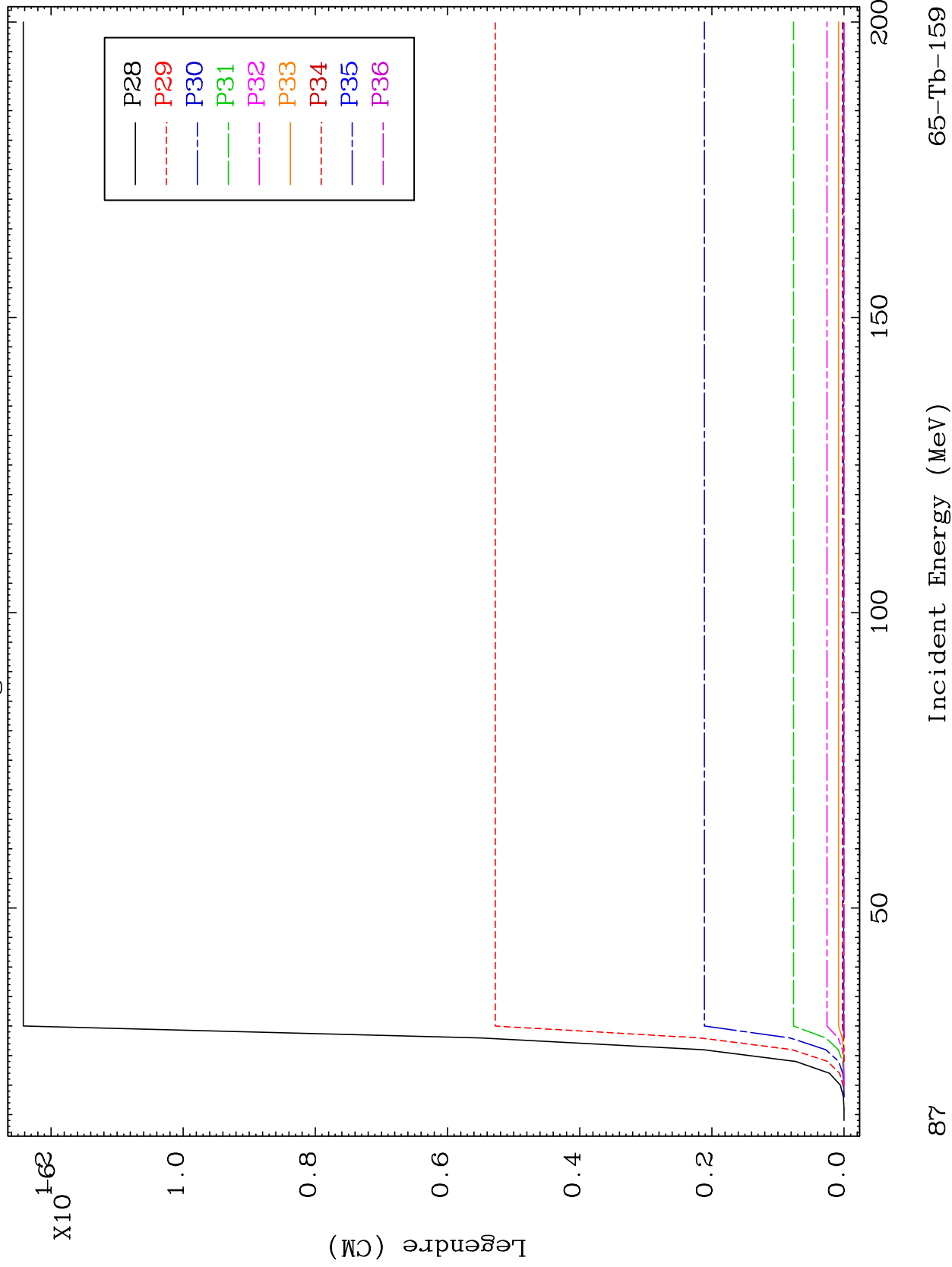
Incident Energy (MeV)

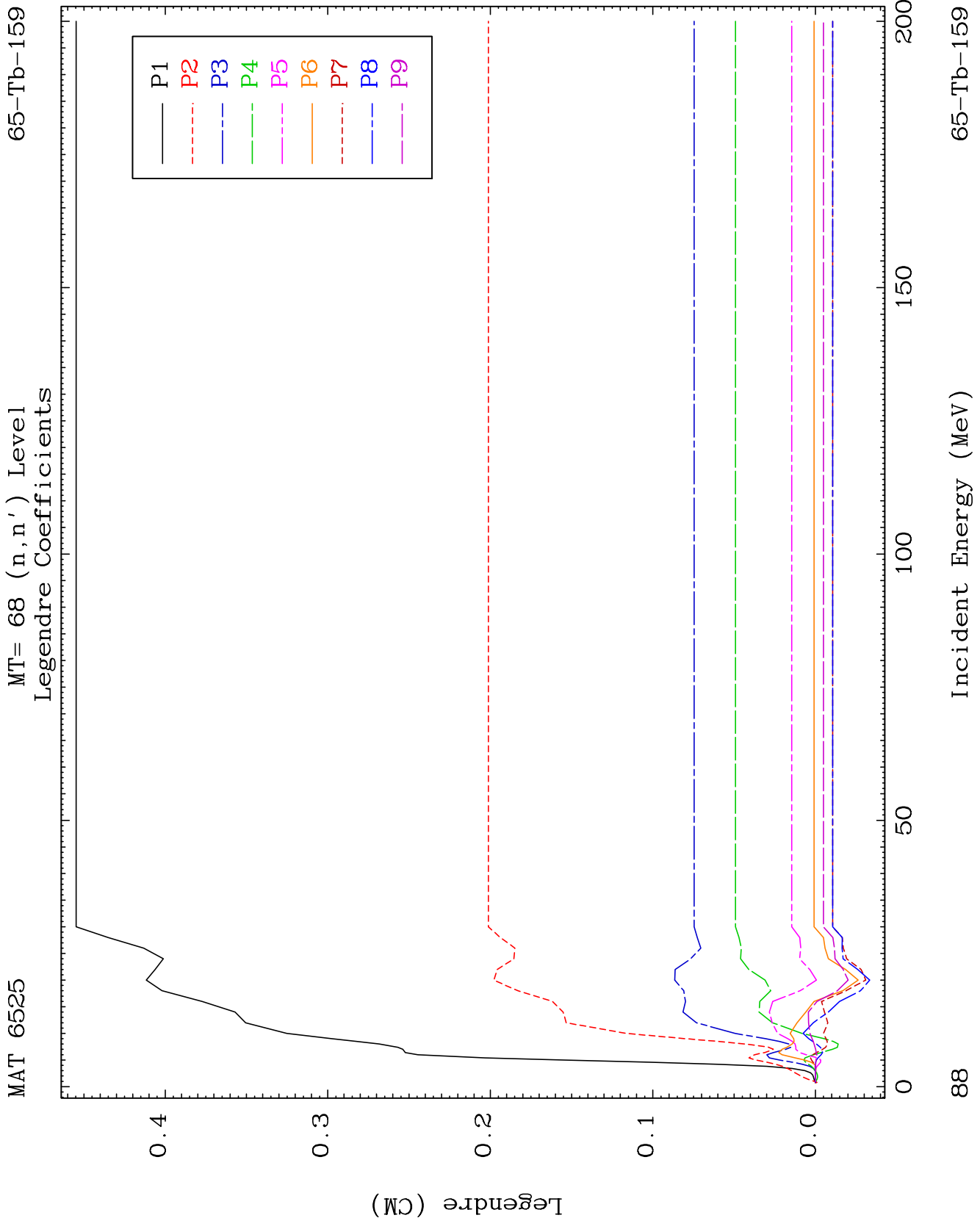
85

MAT 6525

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

65-Tb-159

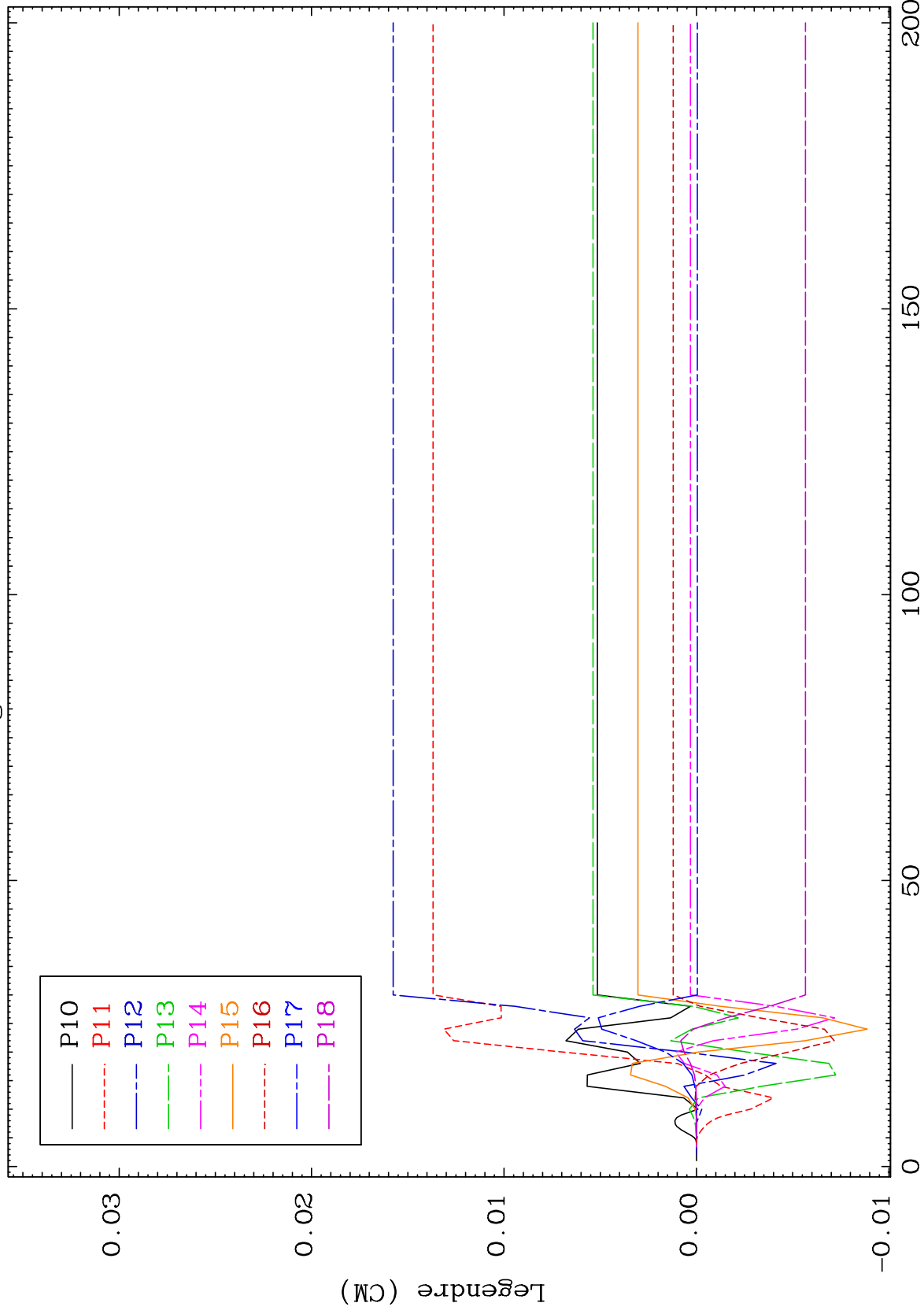




MAT 6525

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

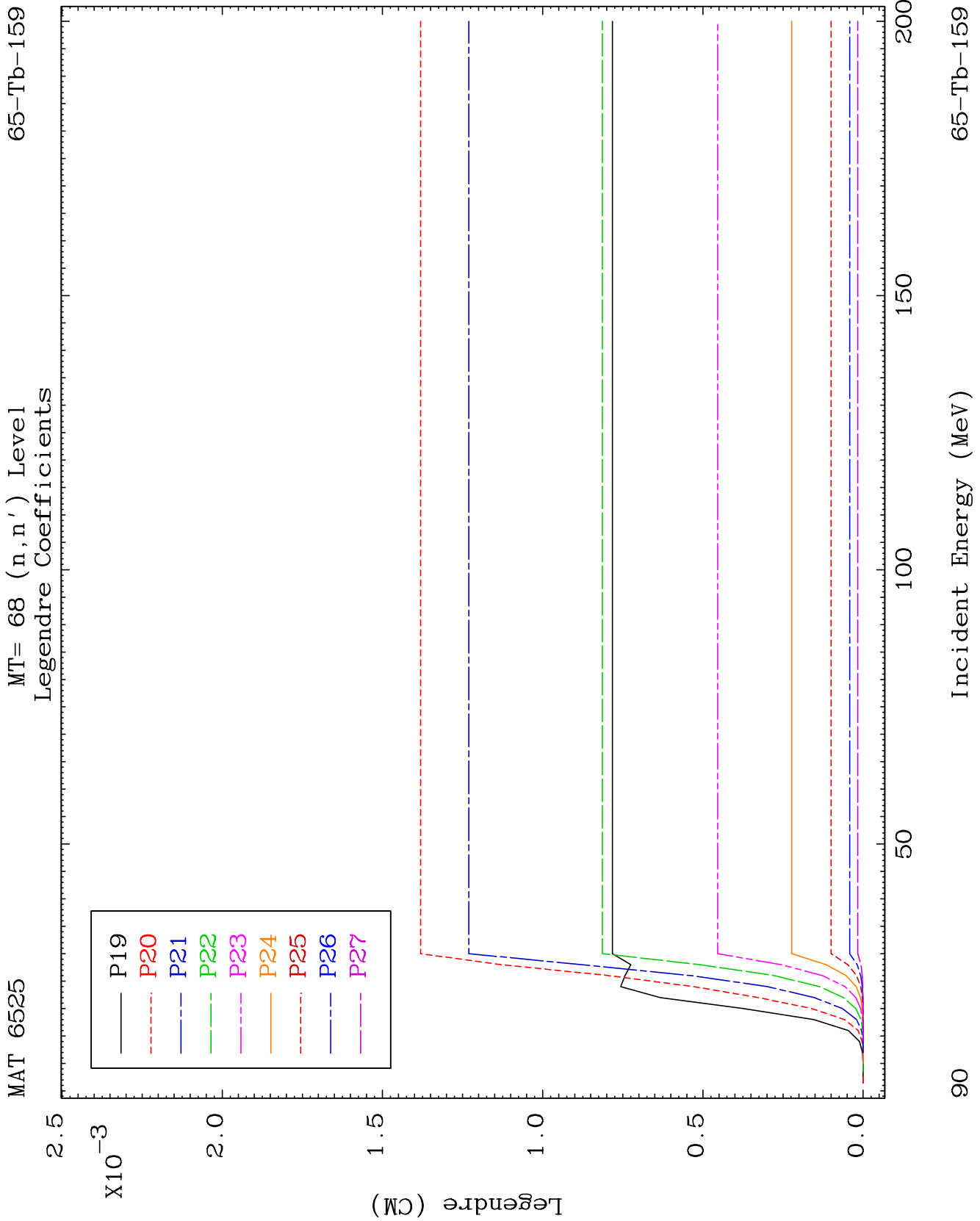
65-Tb-159



89

Incident Energy (MeV)

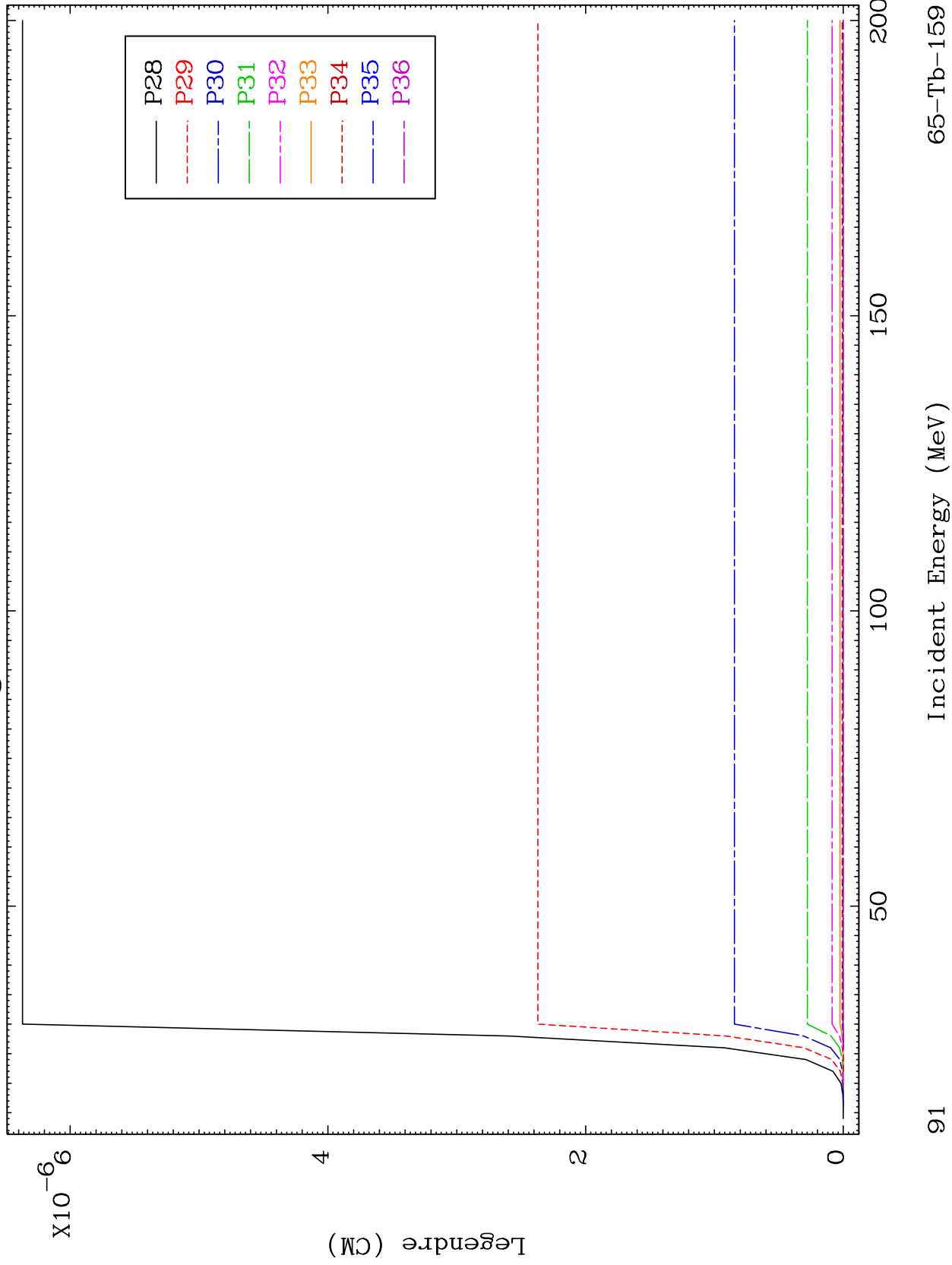
65-Tb-159



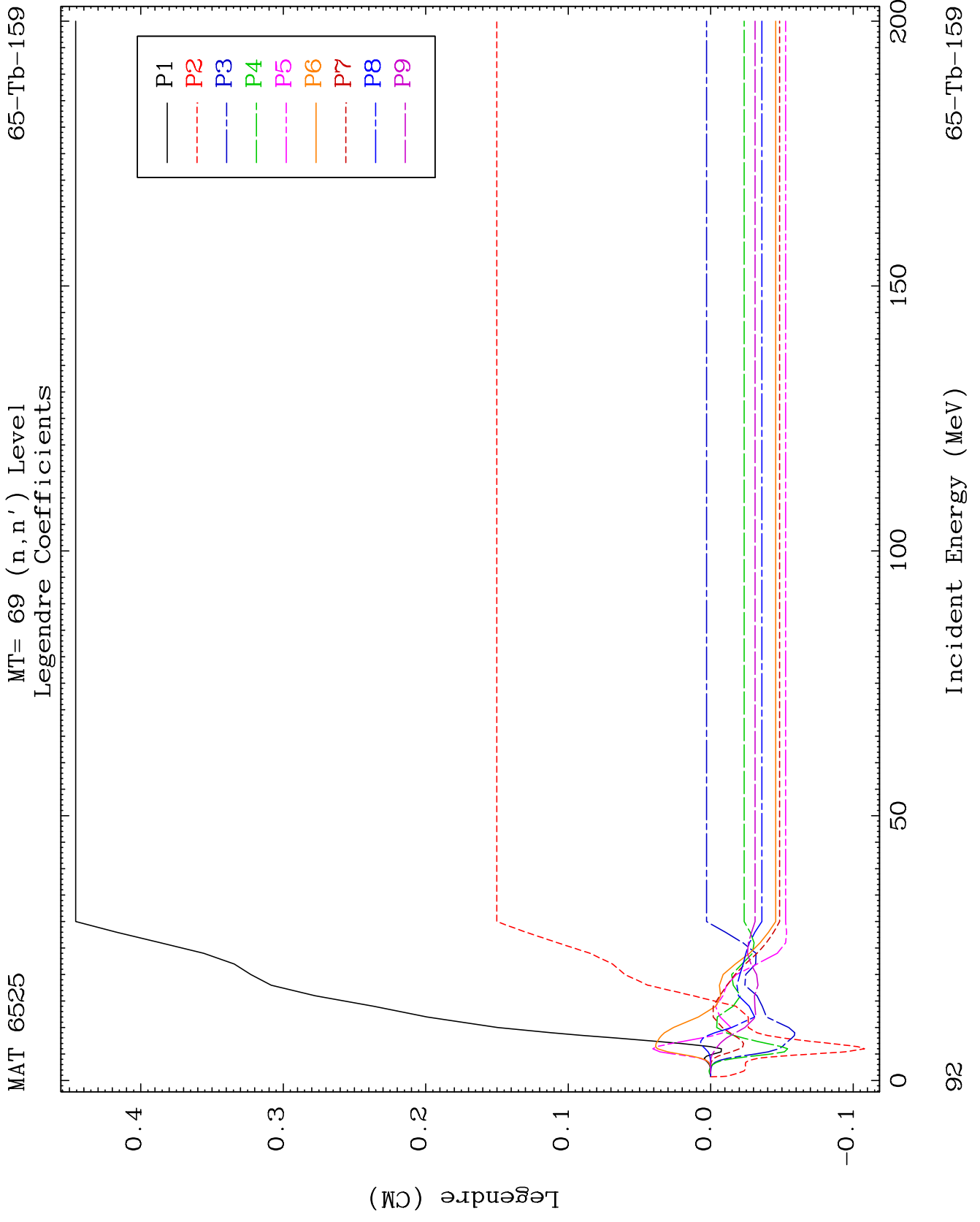
MAT 6525

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

65-Tb-159



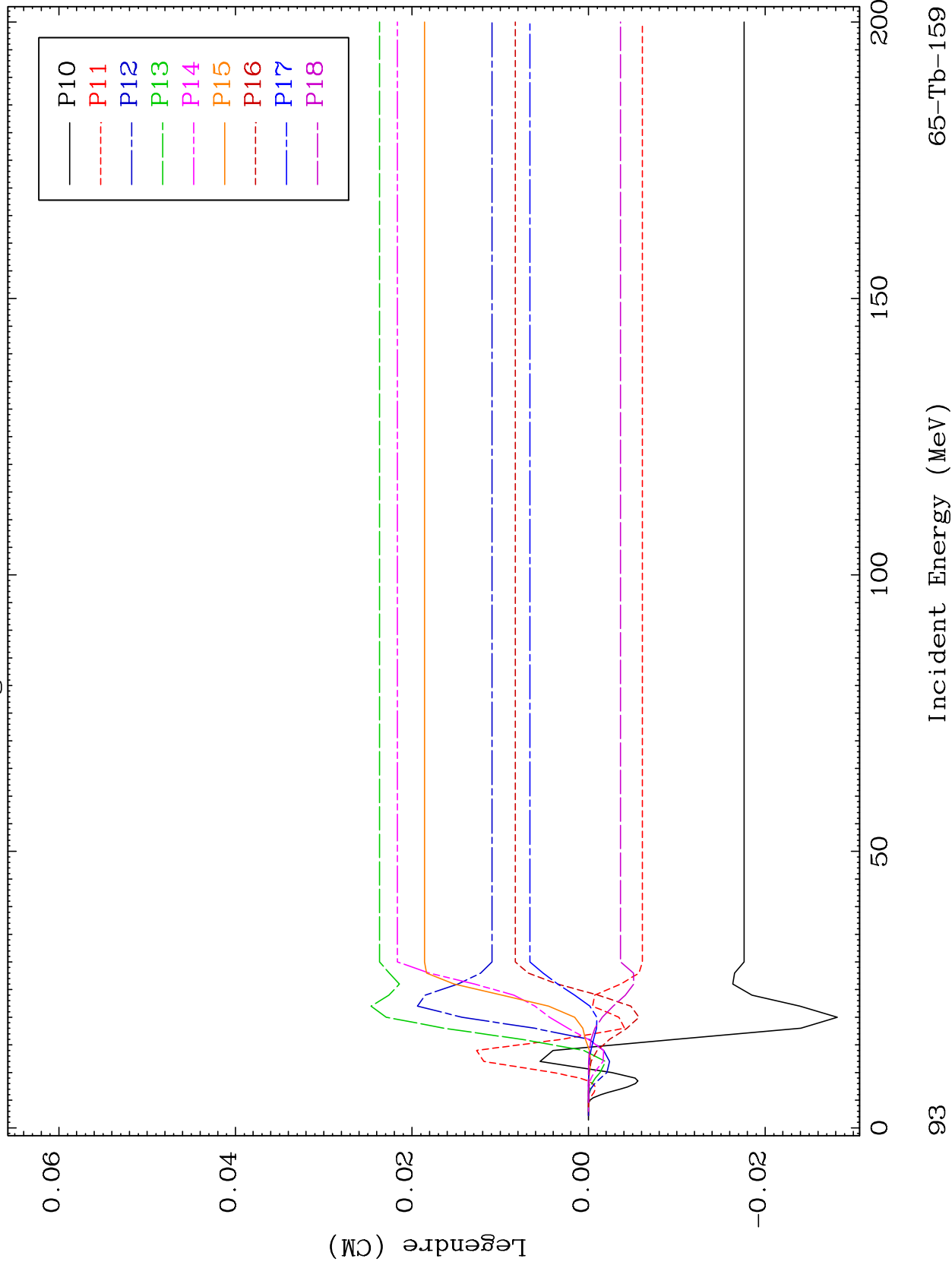
91



MAT 6525

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

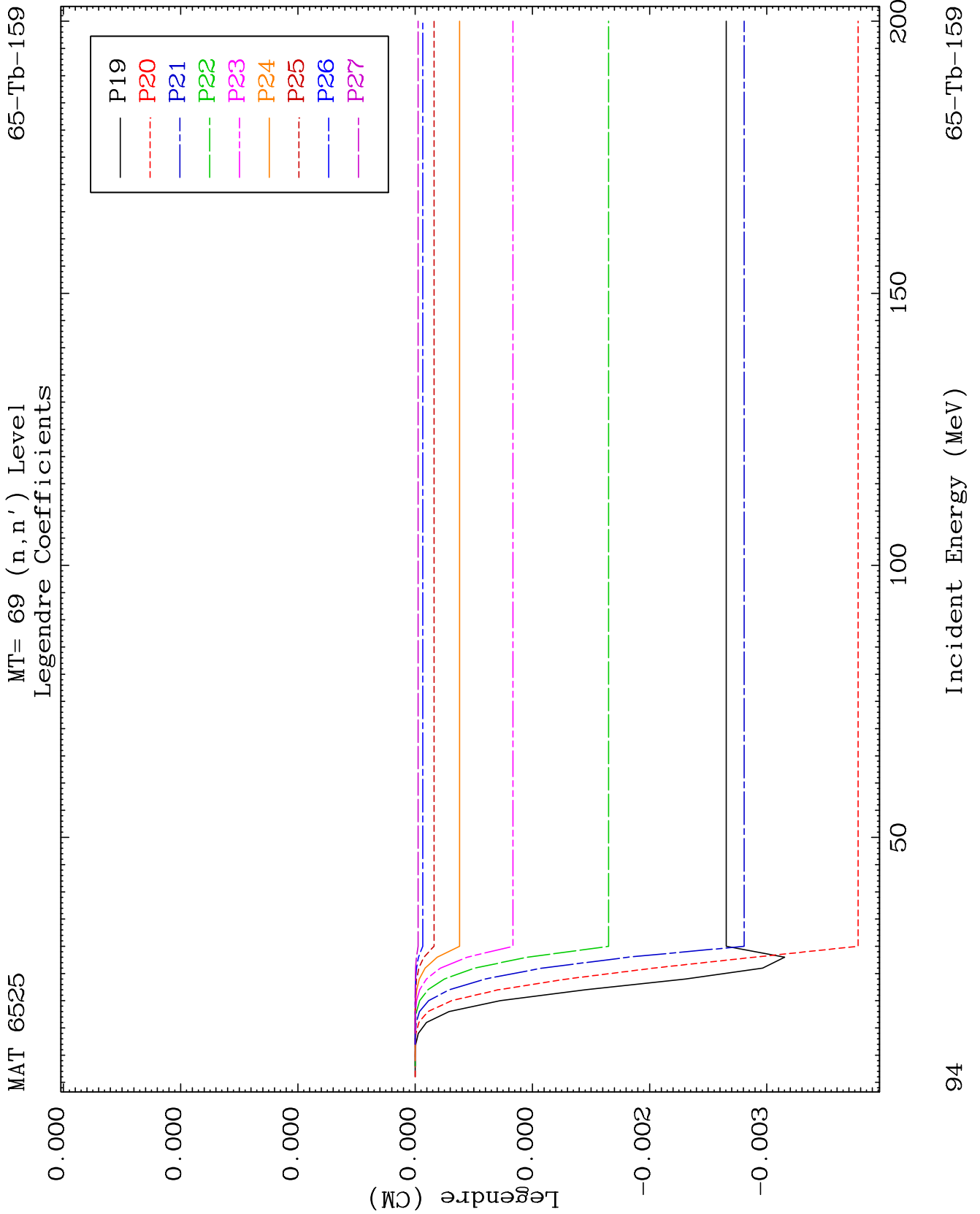
65-Tb-159

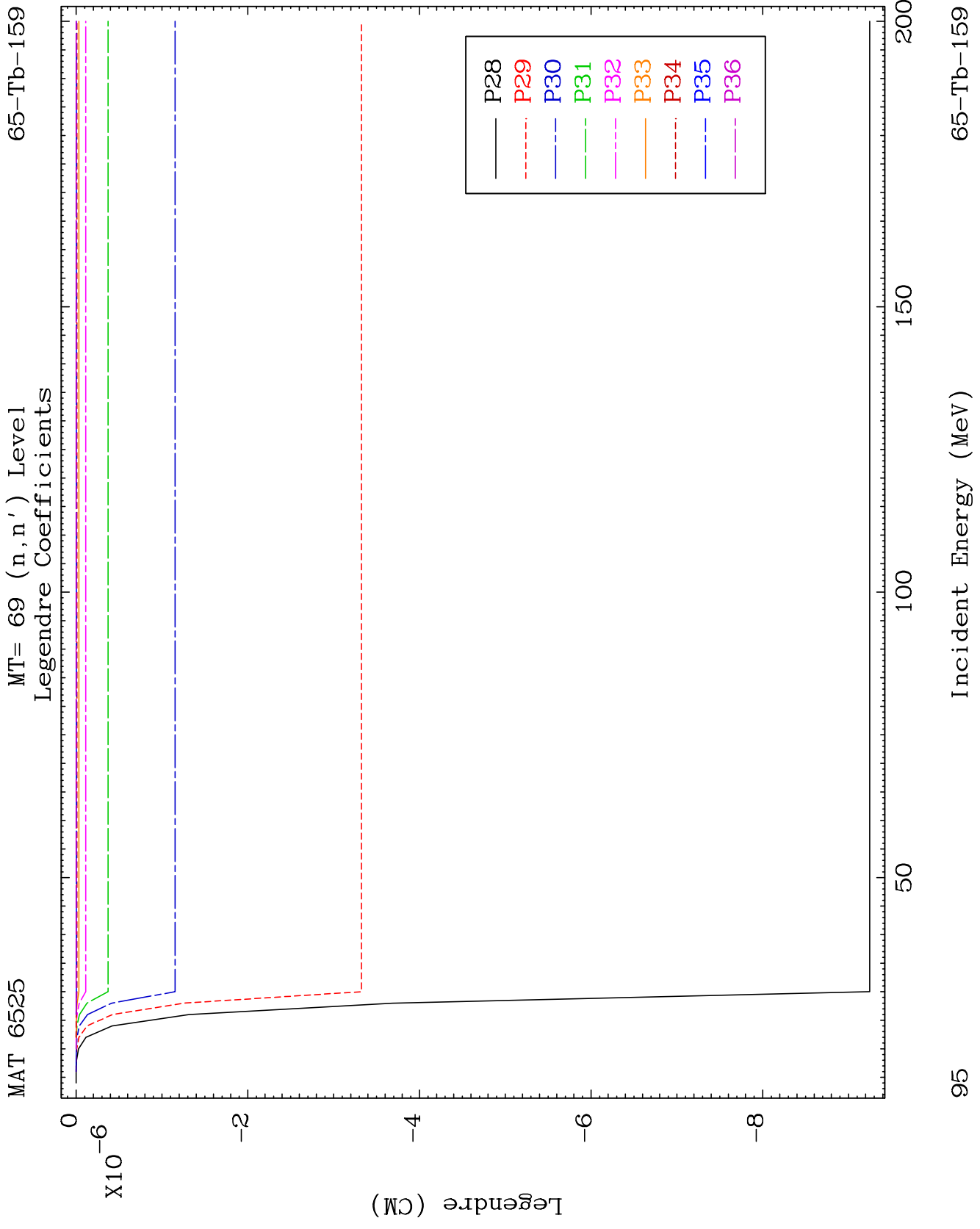


65-Tb-159

Incident Energy (MeV)

93

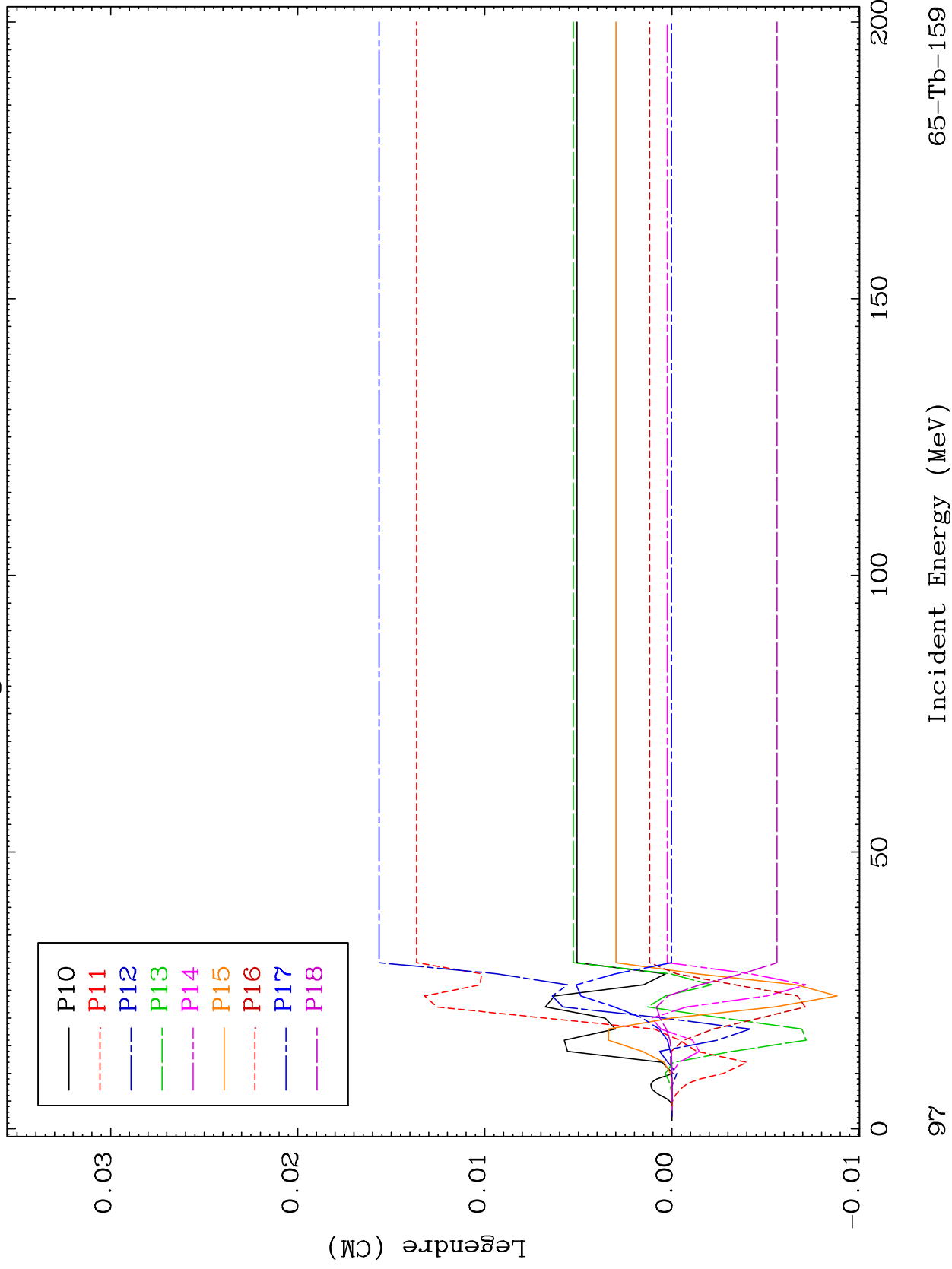




MAT 6525

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

65-Tb-159



97

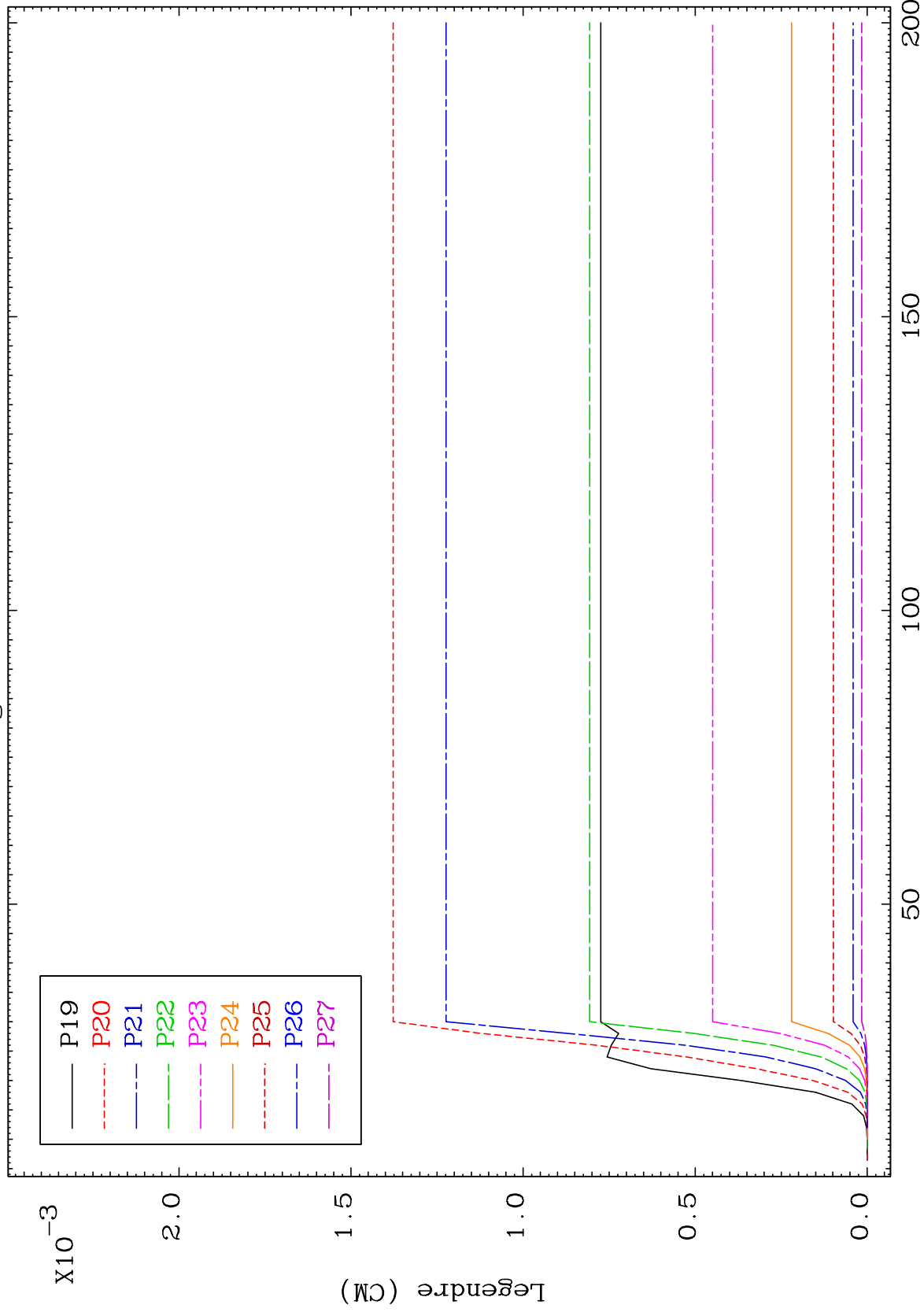
Incident Energy (MeV)

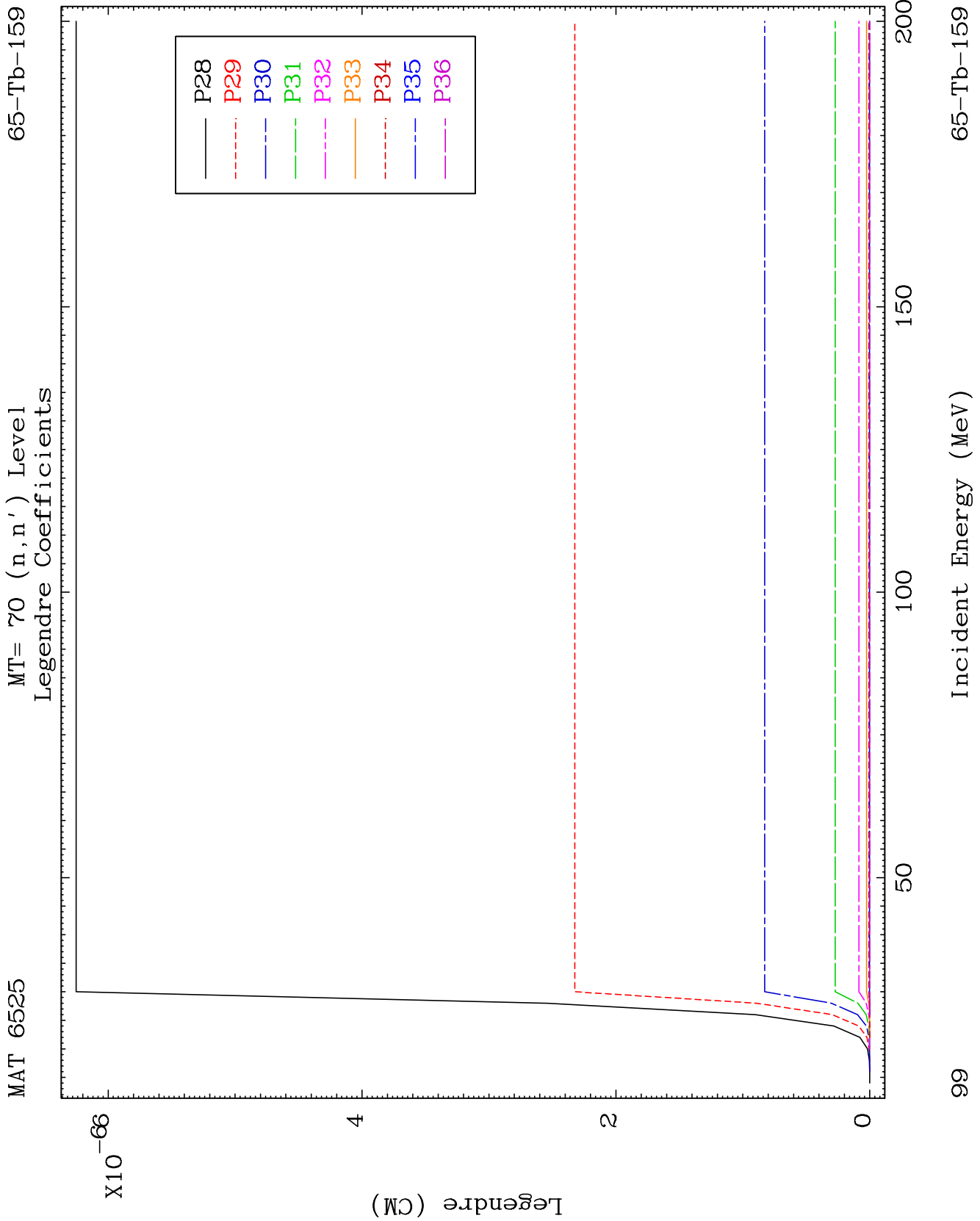
65-Tb-159

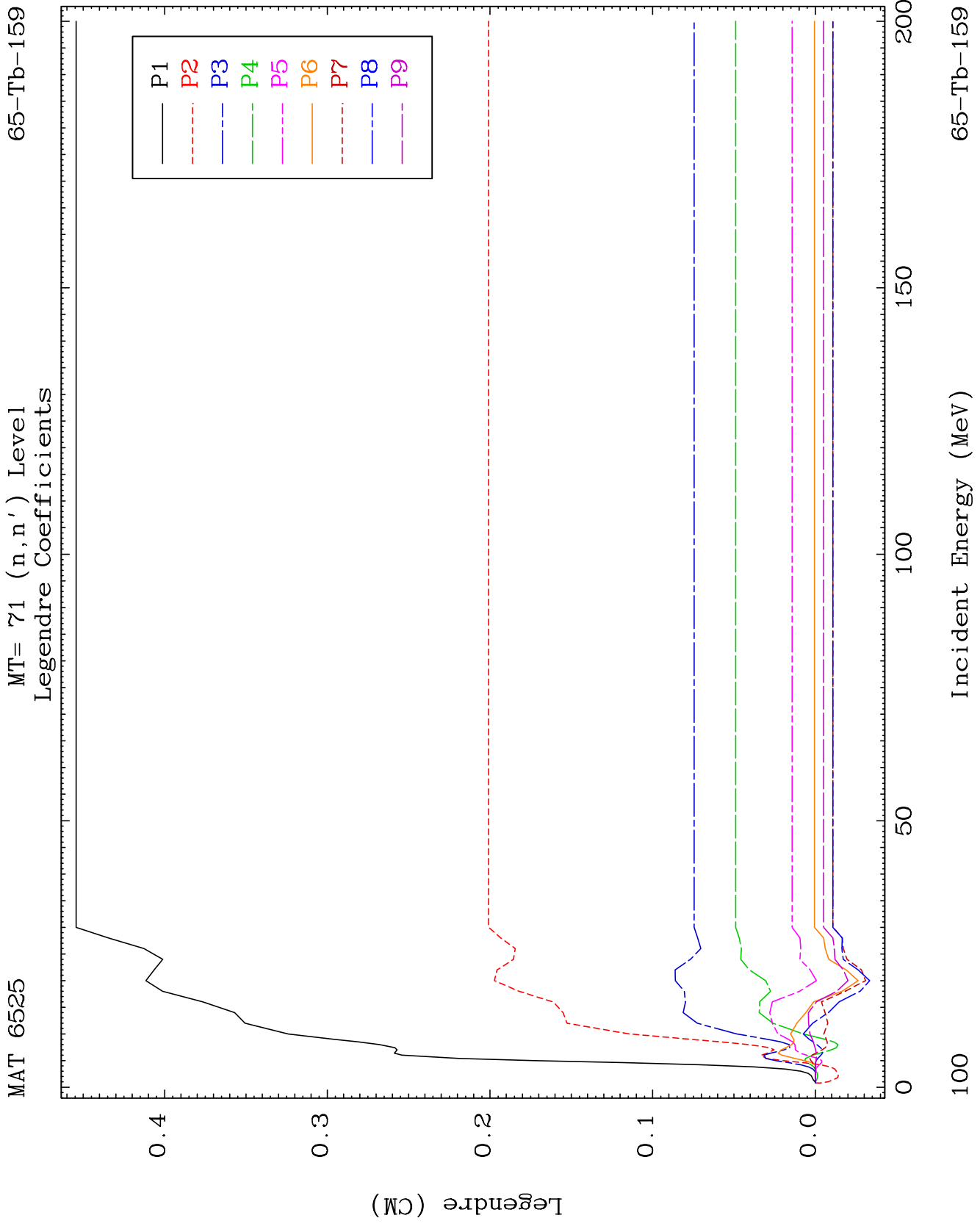
MAT 6525

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

65-Tb-159



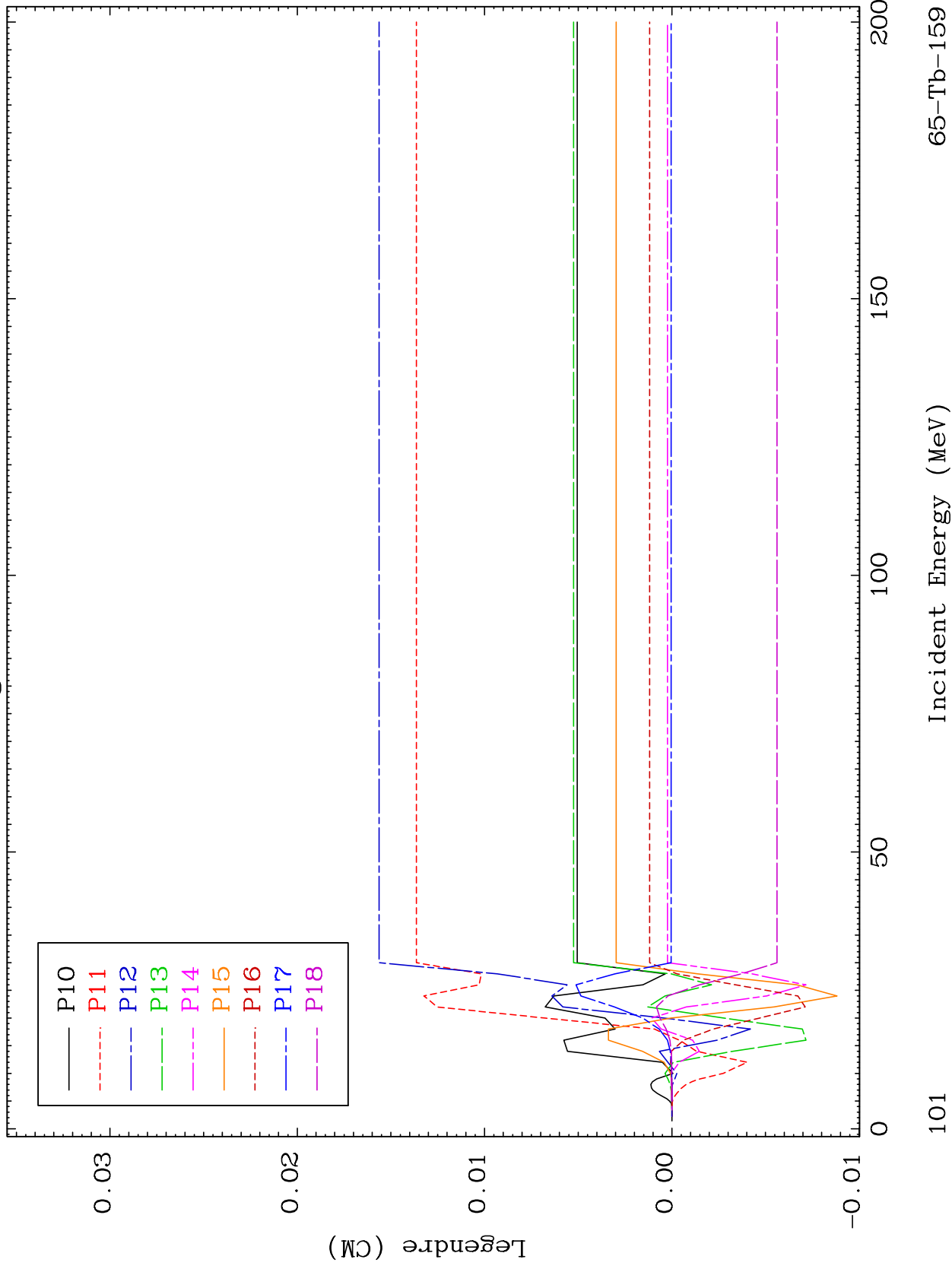




MAT 6525

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

65-Tb-159



65-Tb-159

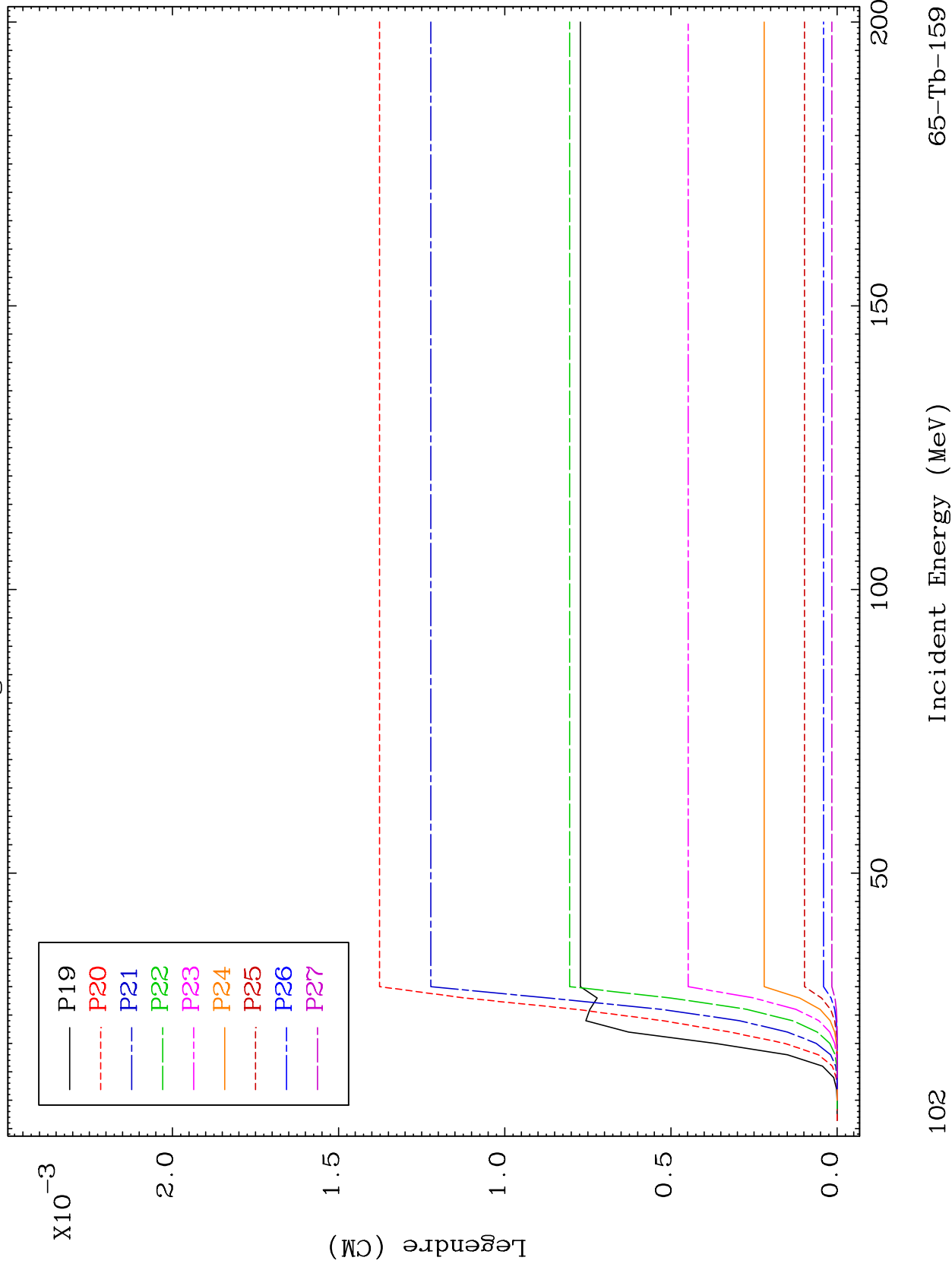
Incident Energy (MeV)

101

MAT 6525

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

65-Tb-159

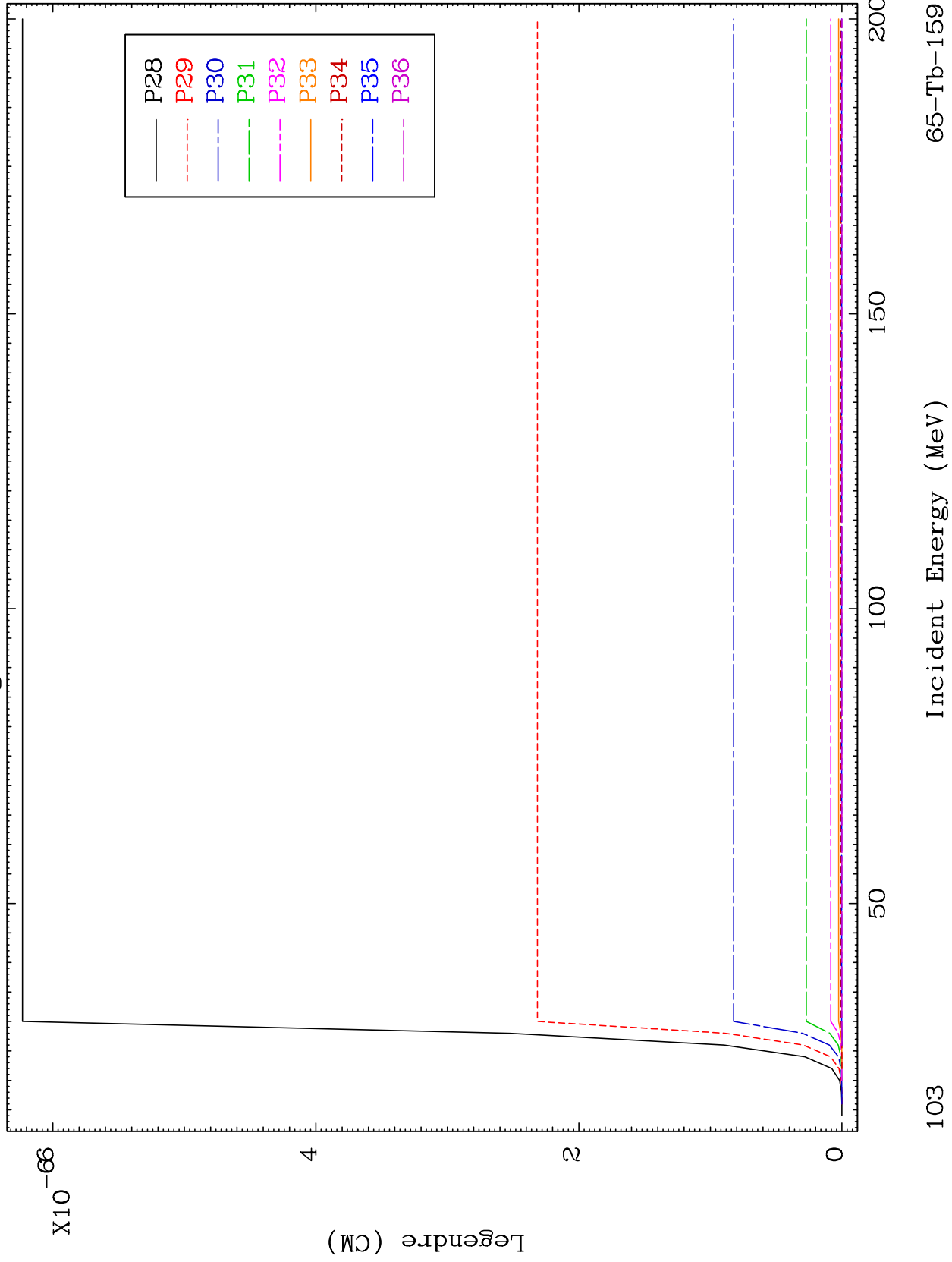


102

MAT 6525

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

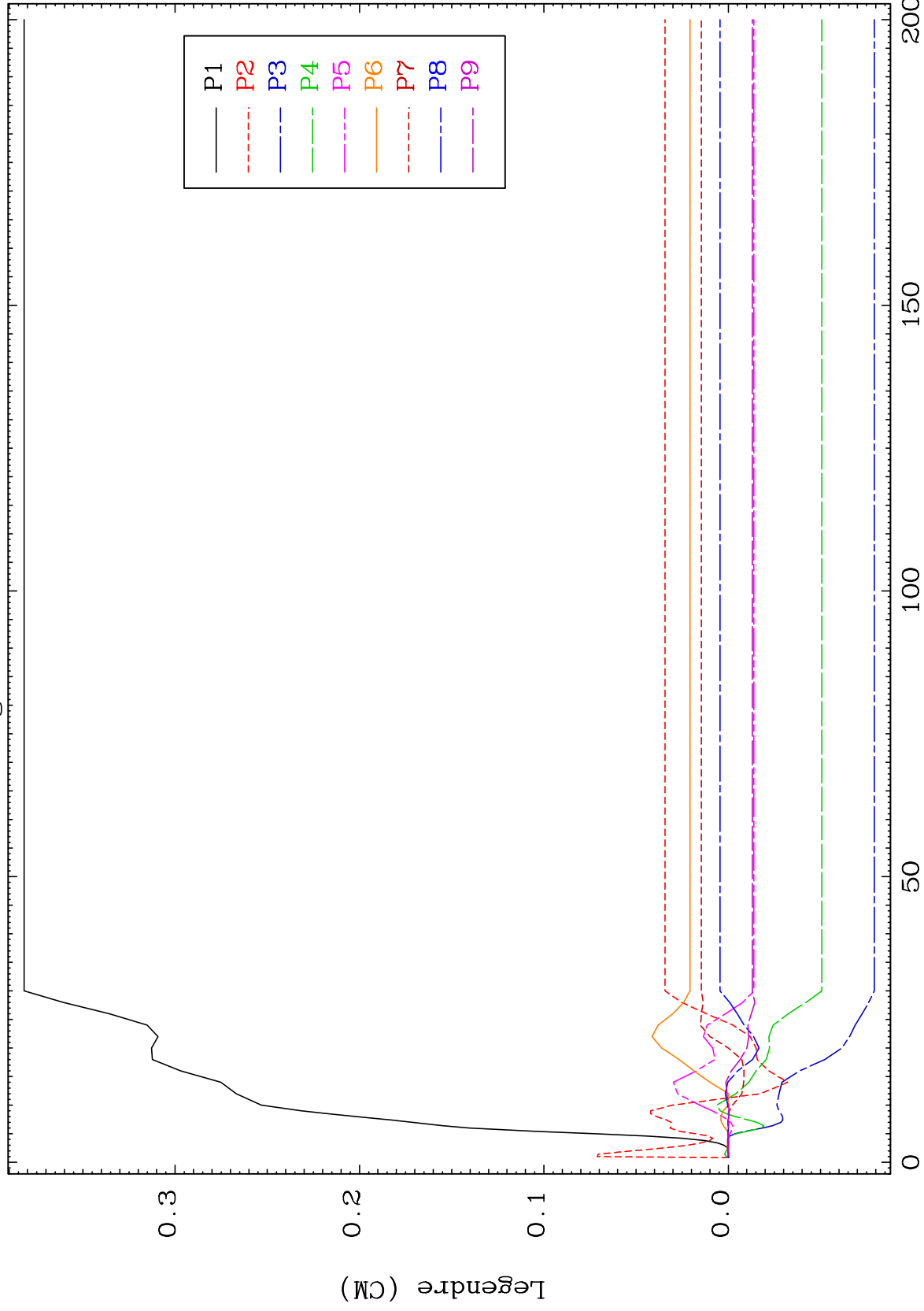
65-Tb-159



MAT 6525

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

65-Tb-159



104

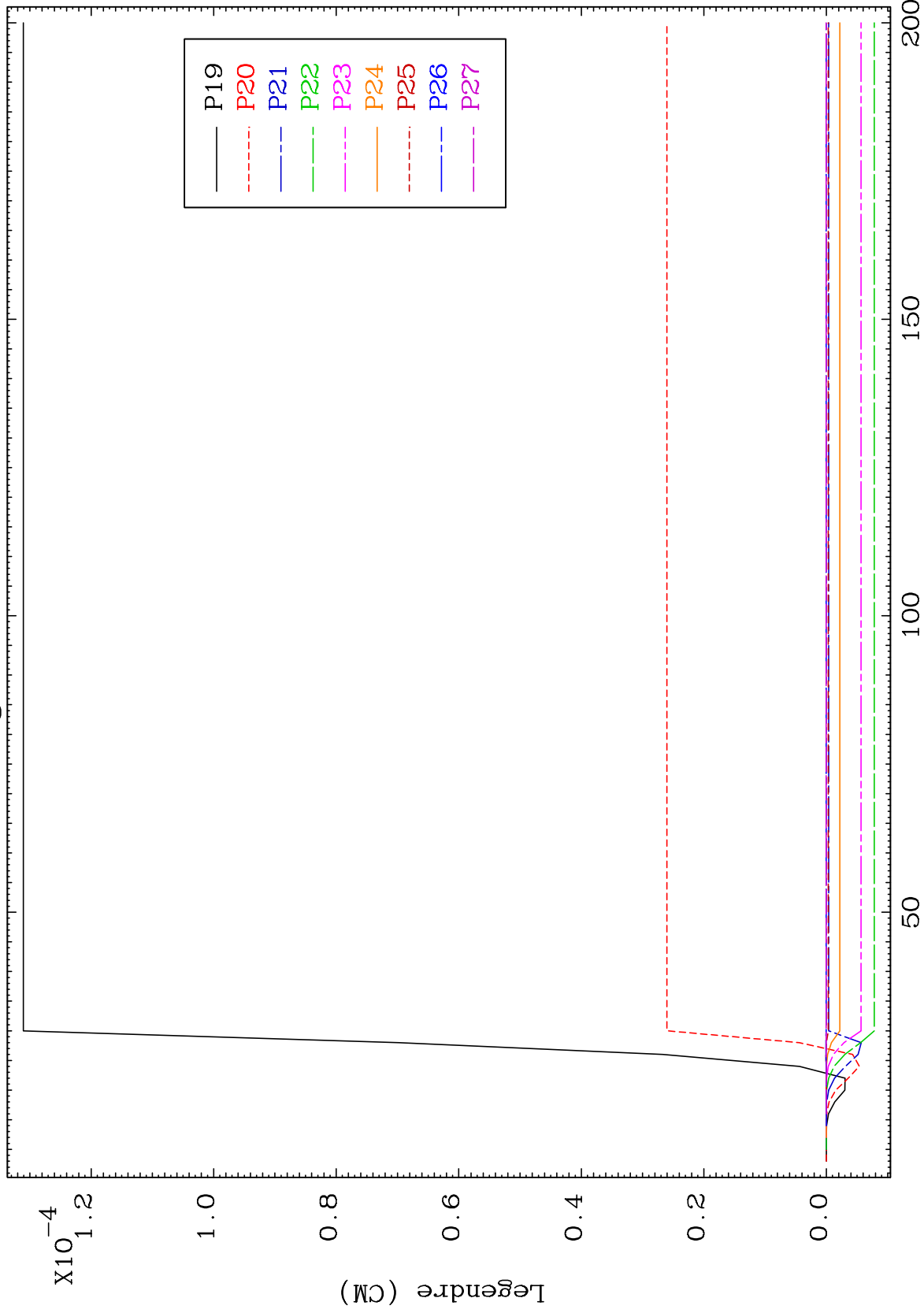
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

65-Tb-159



106

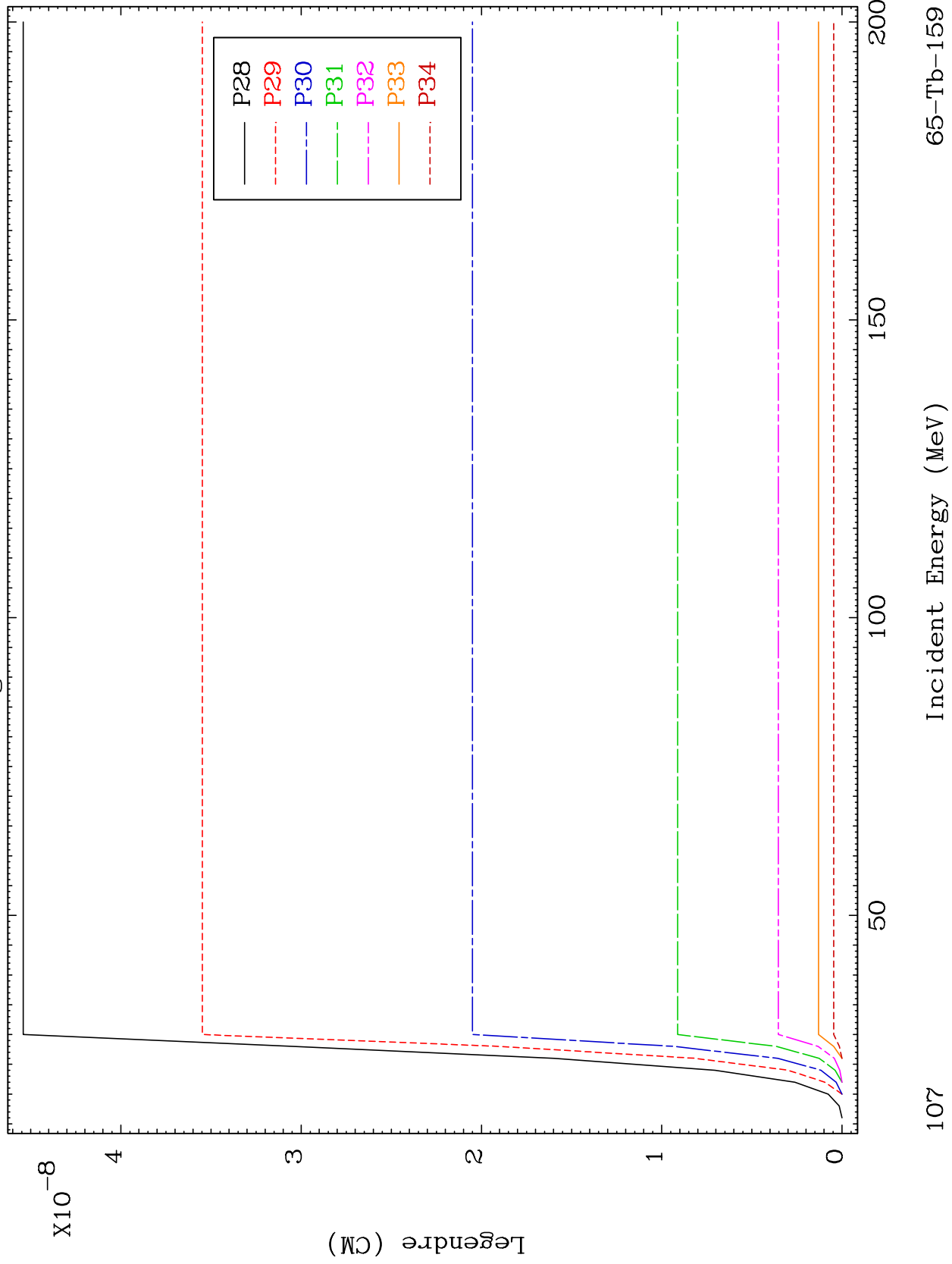
Incident Energy (MeV)

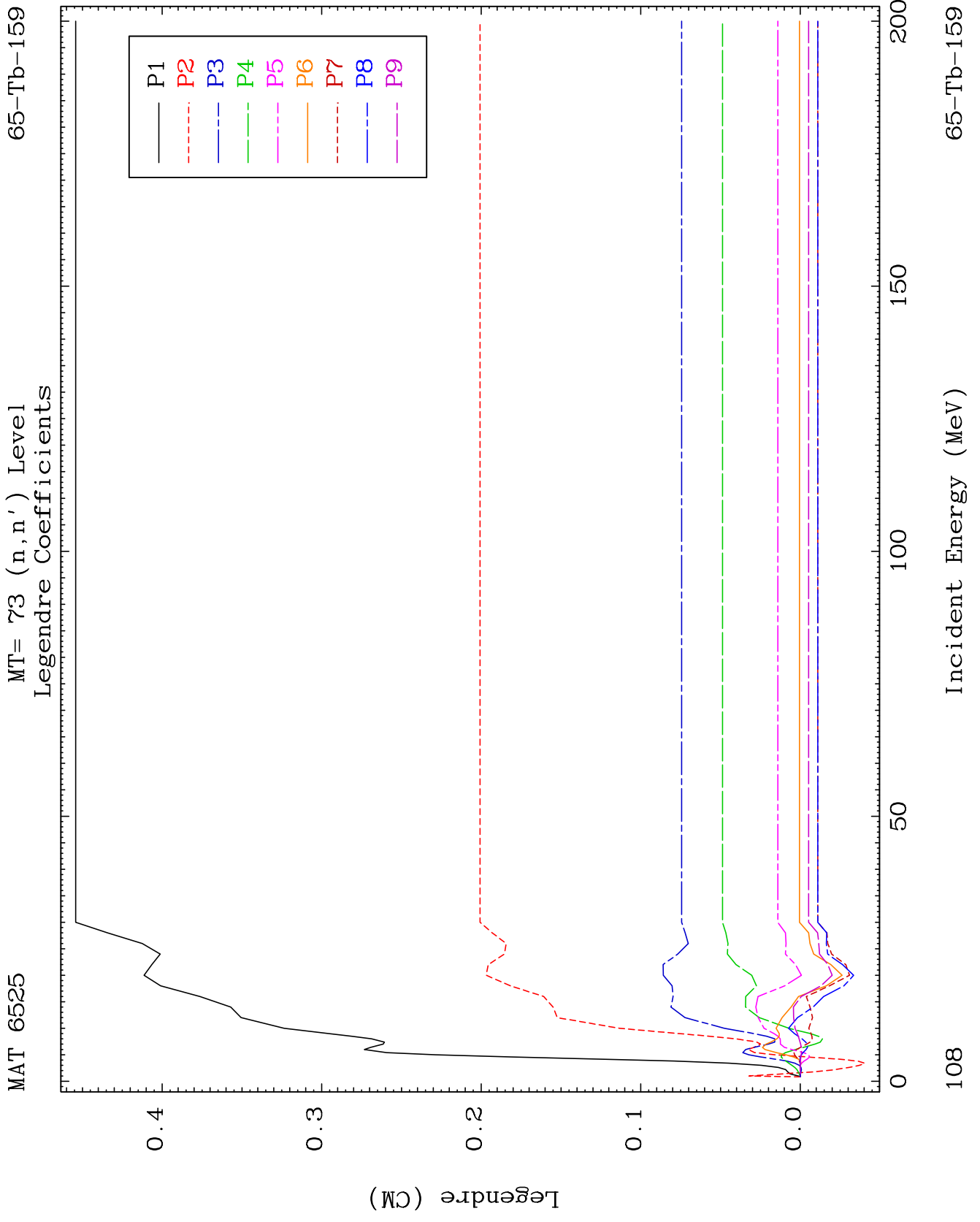
65-Tb-159

MAT 6525

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

65-Tb-159

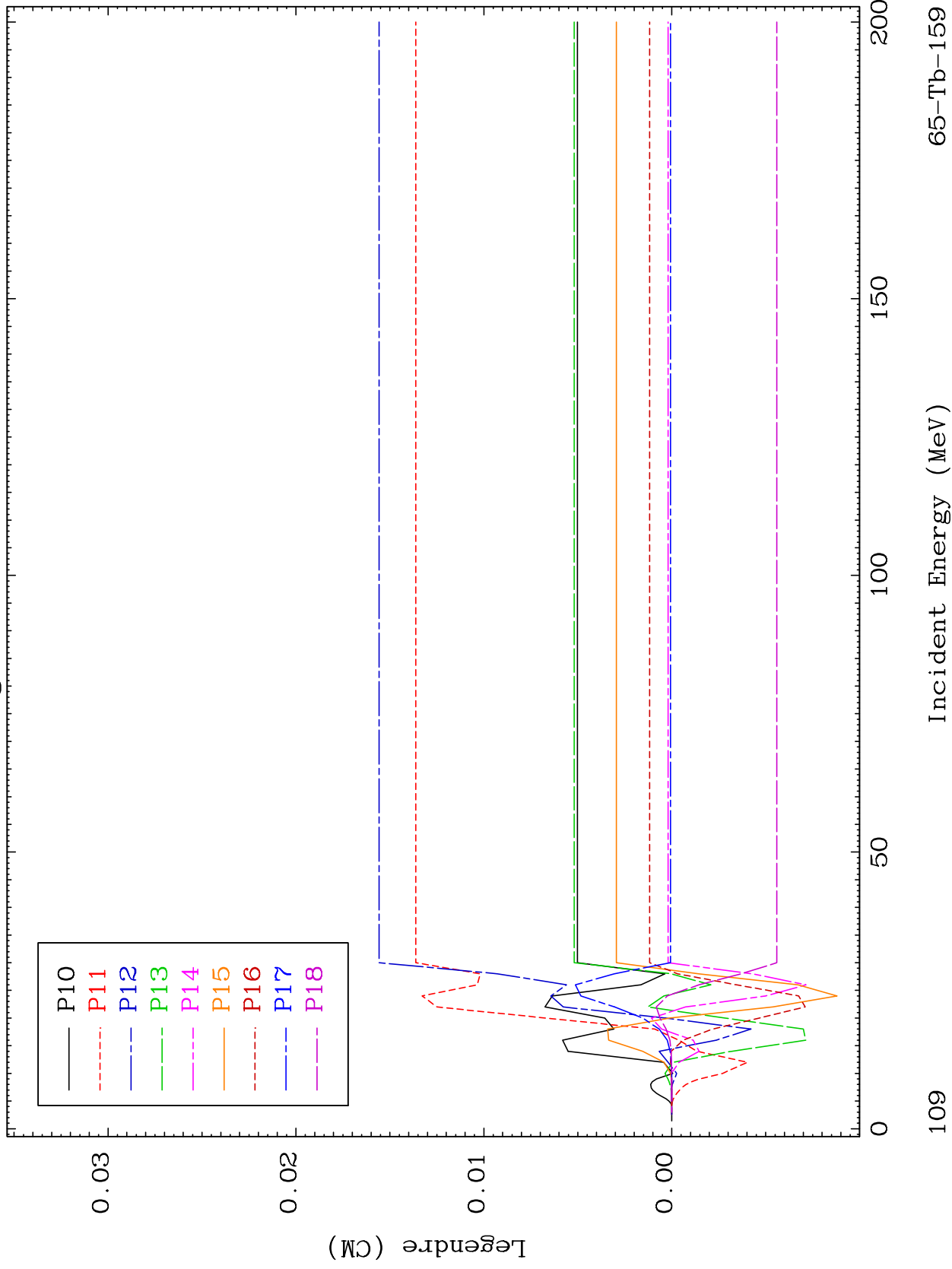




MAT 6525

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

65-Tb-159



109

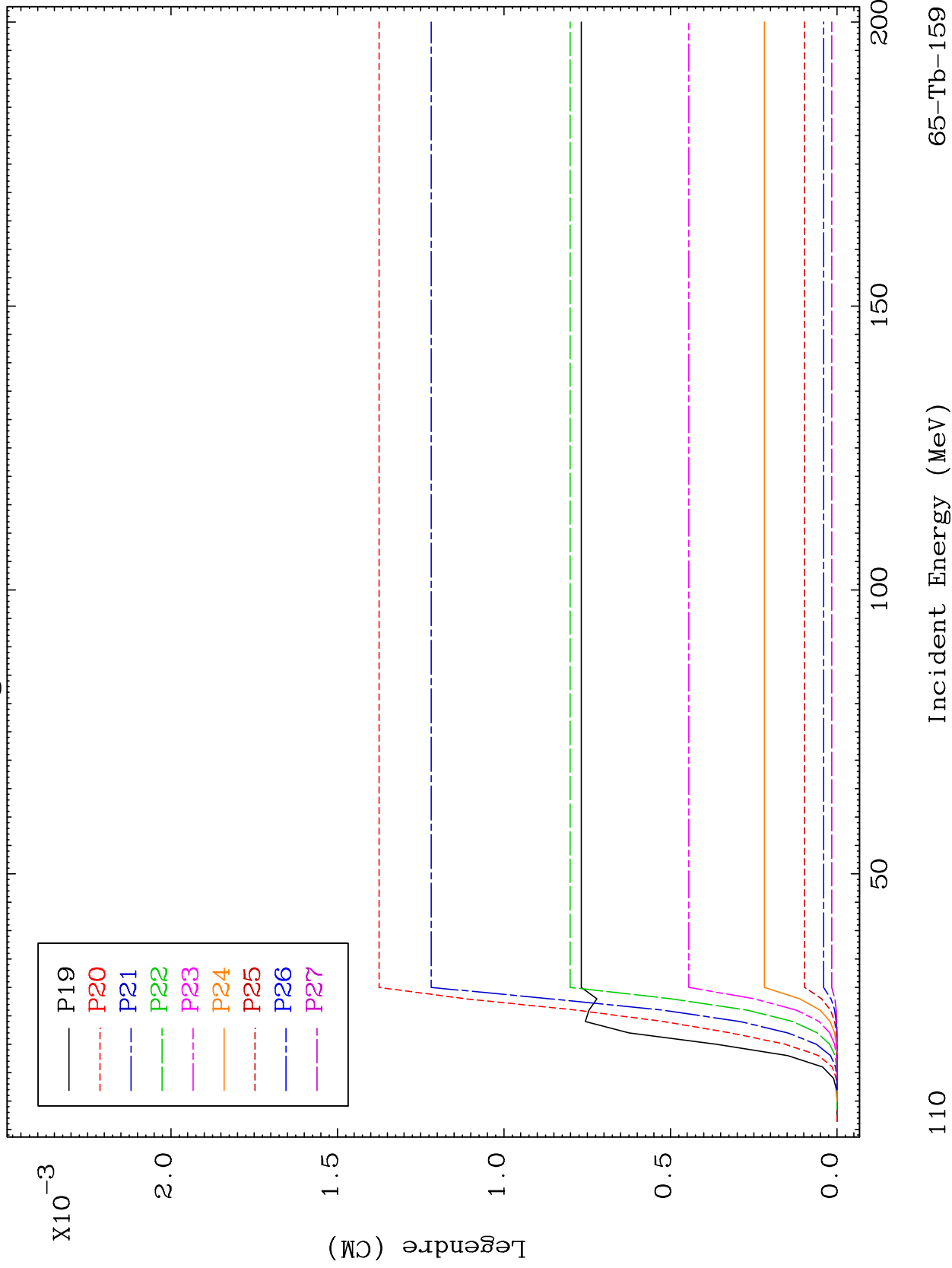
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

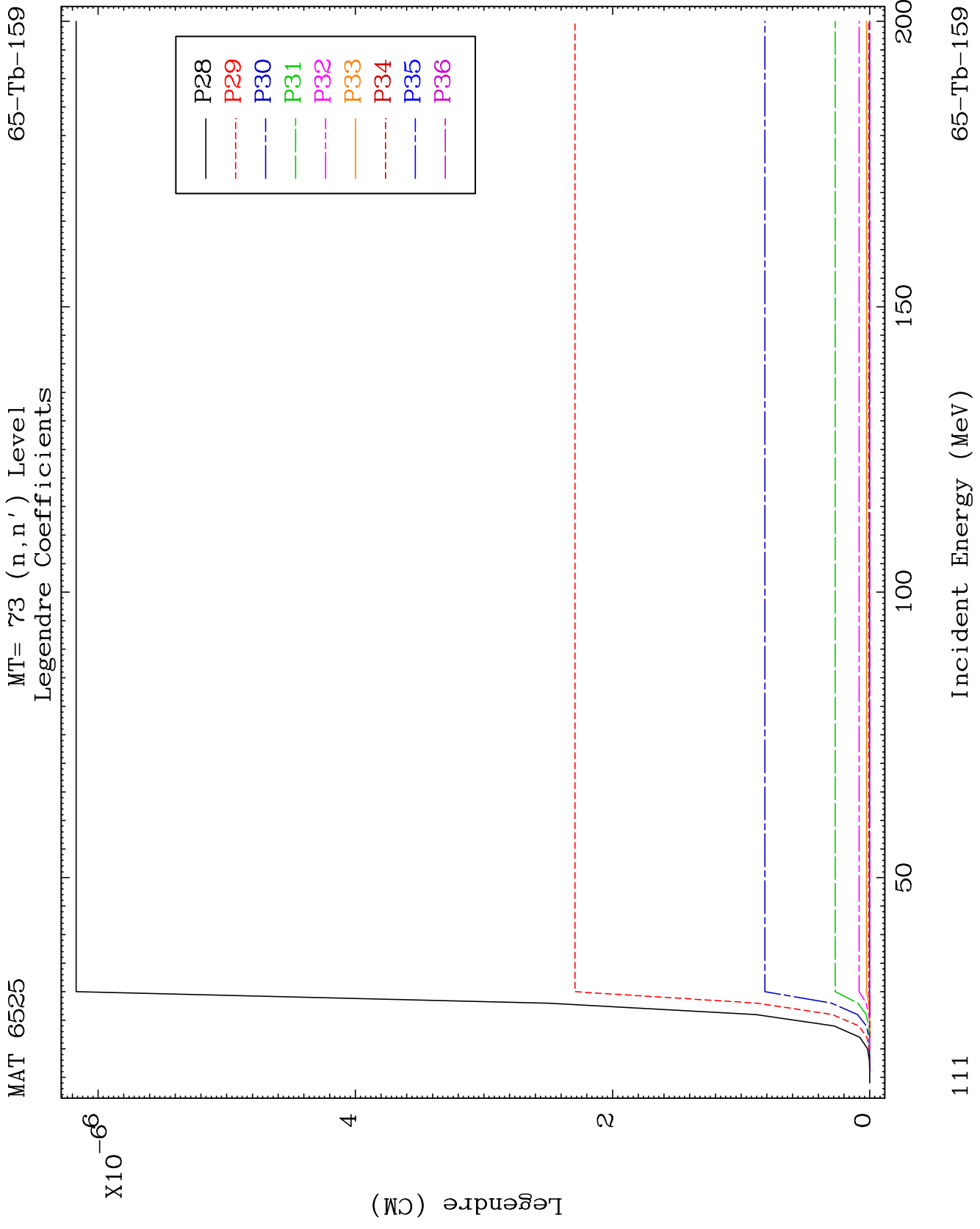
65-Tb-159



110

Incident Energy (MeV)

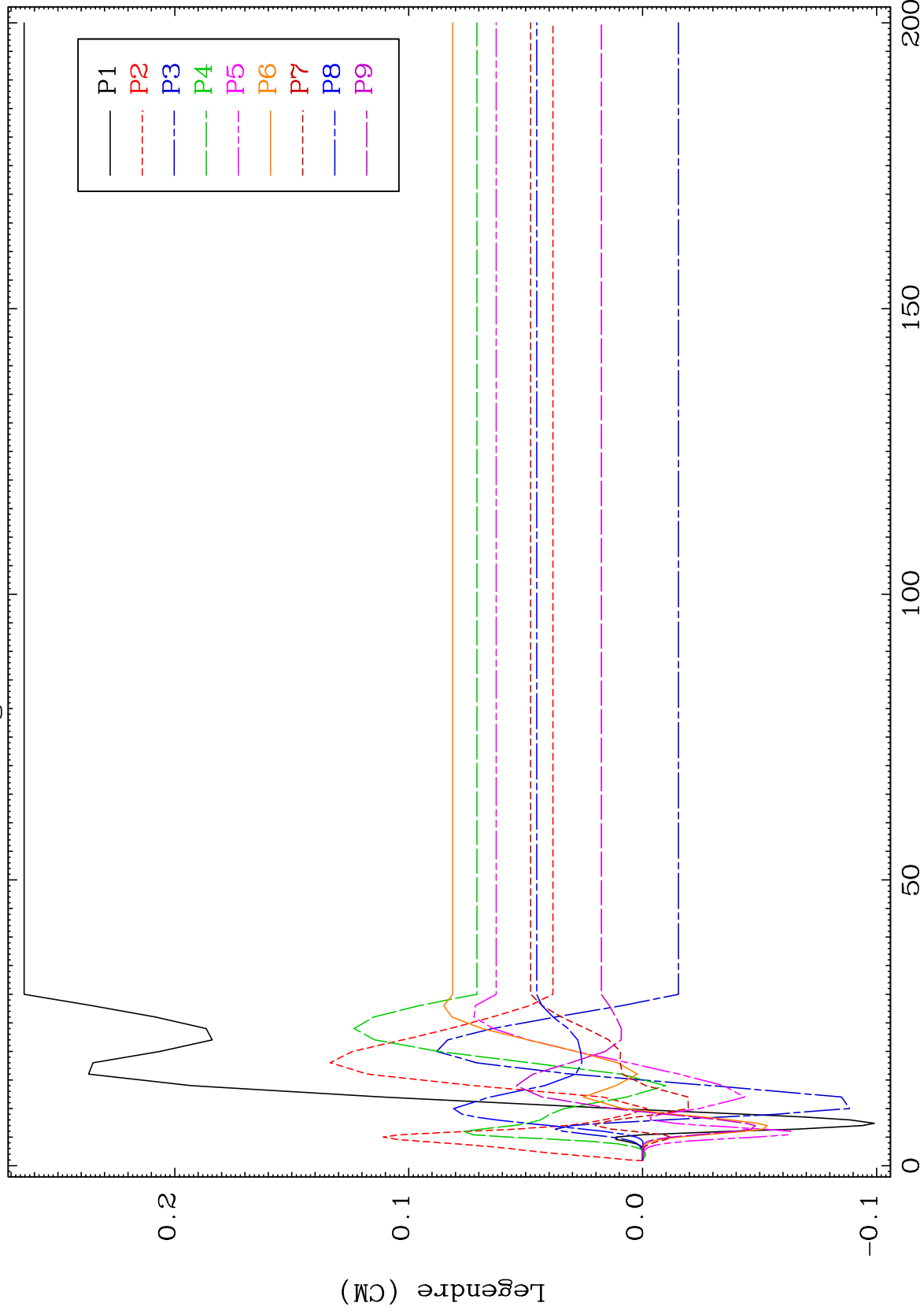
65-Tb-159



MAT 6525

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

65-Tb-159



112

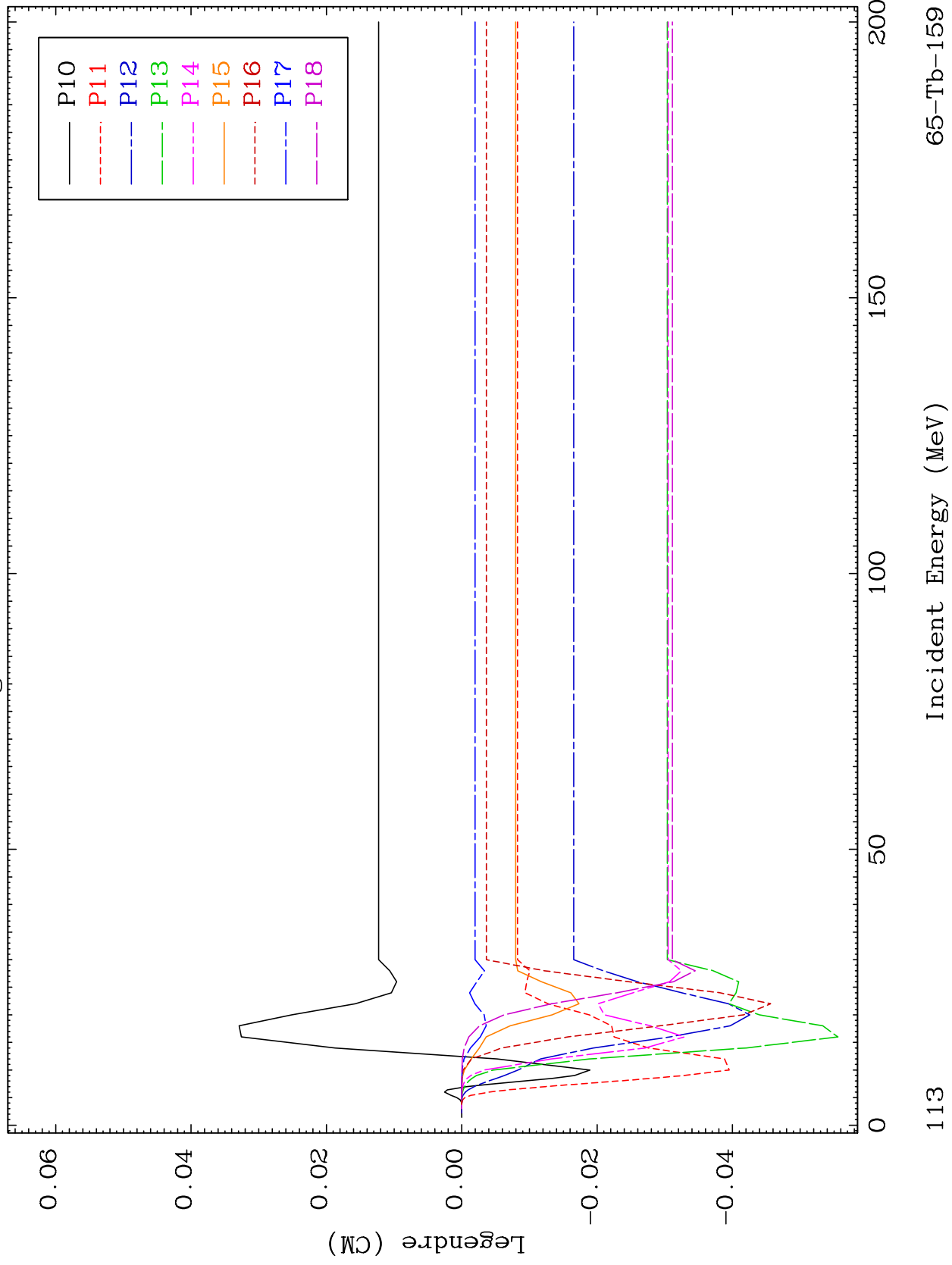
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

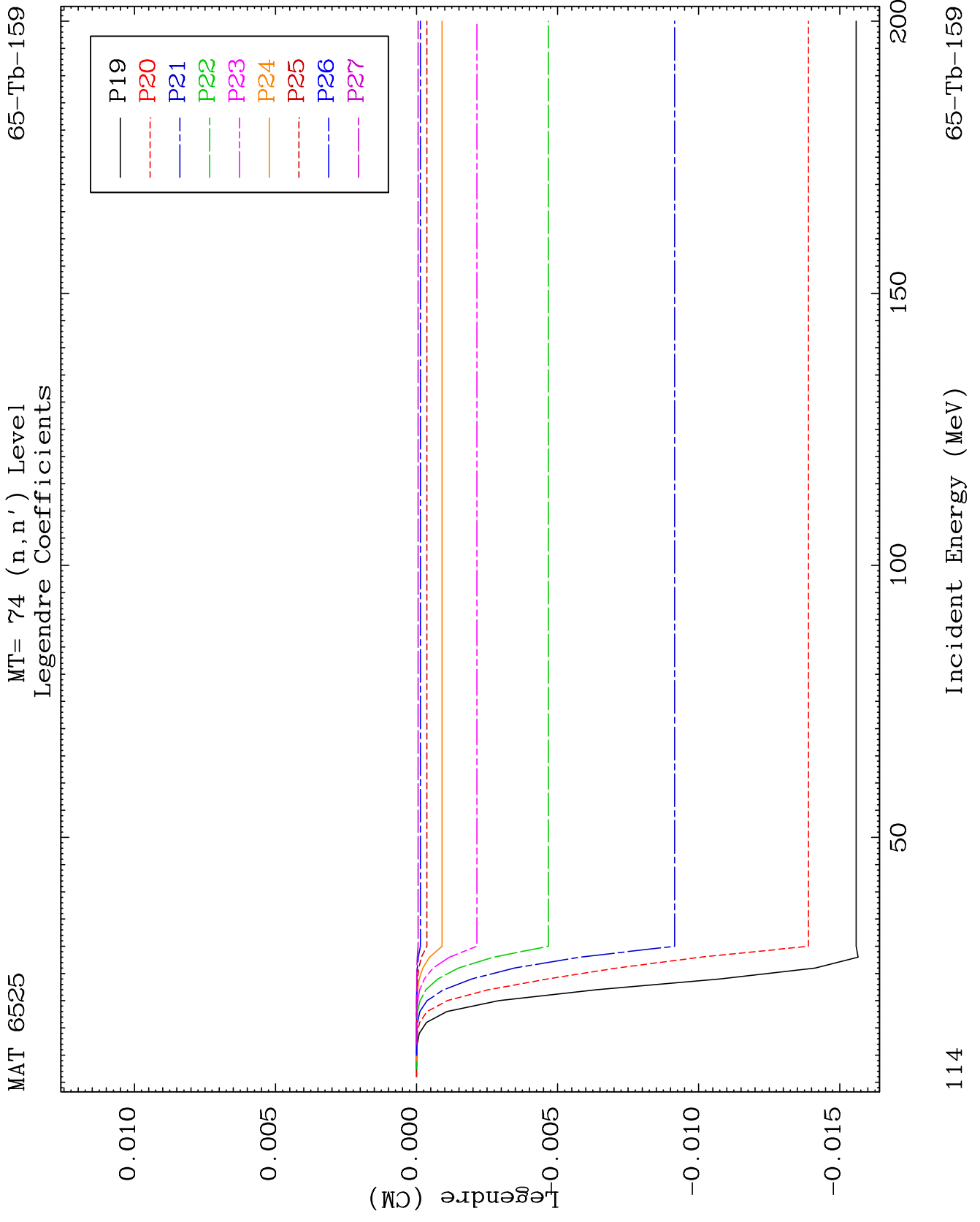
65-Tb-159

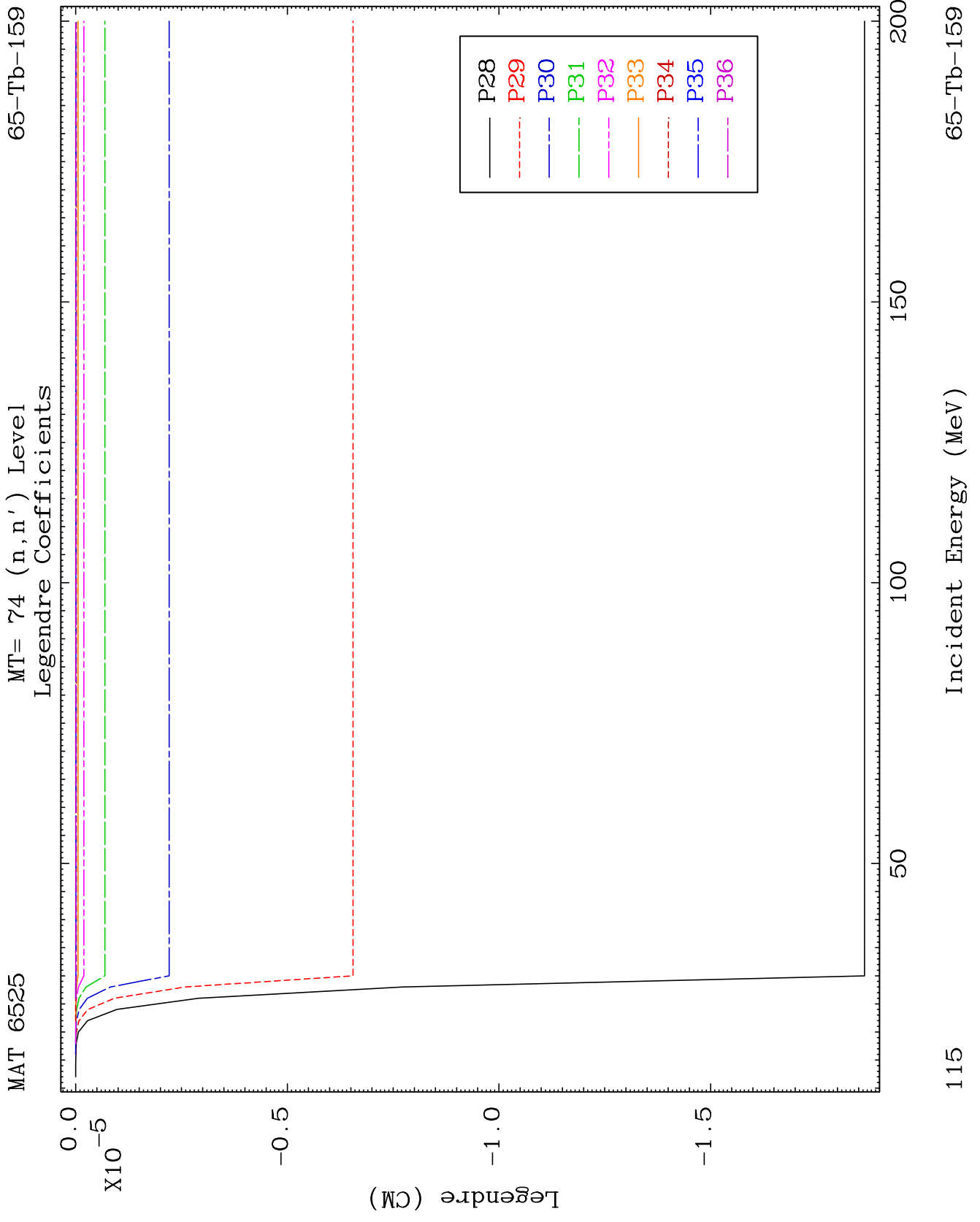


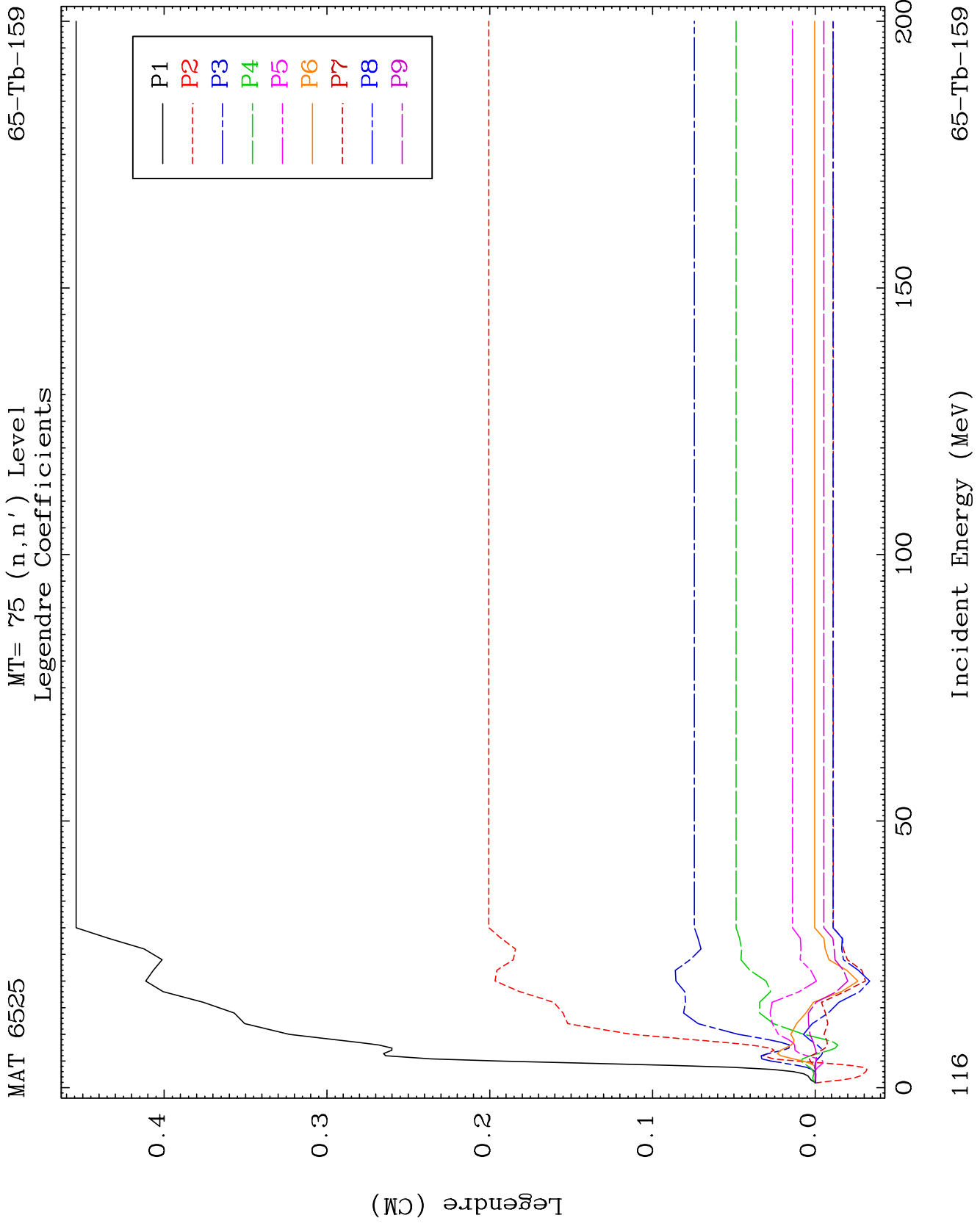
65-Tb-159

Incident Energy (MeV)

113



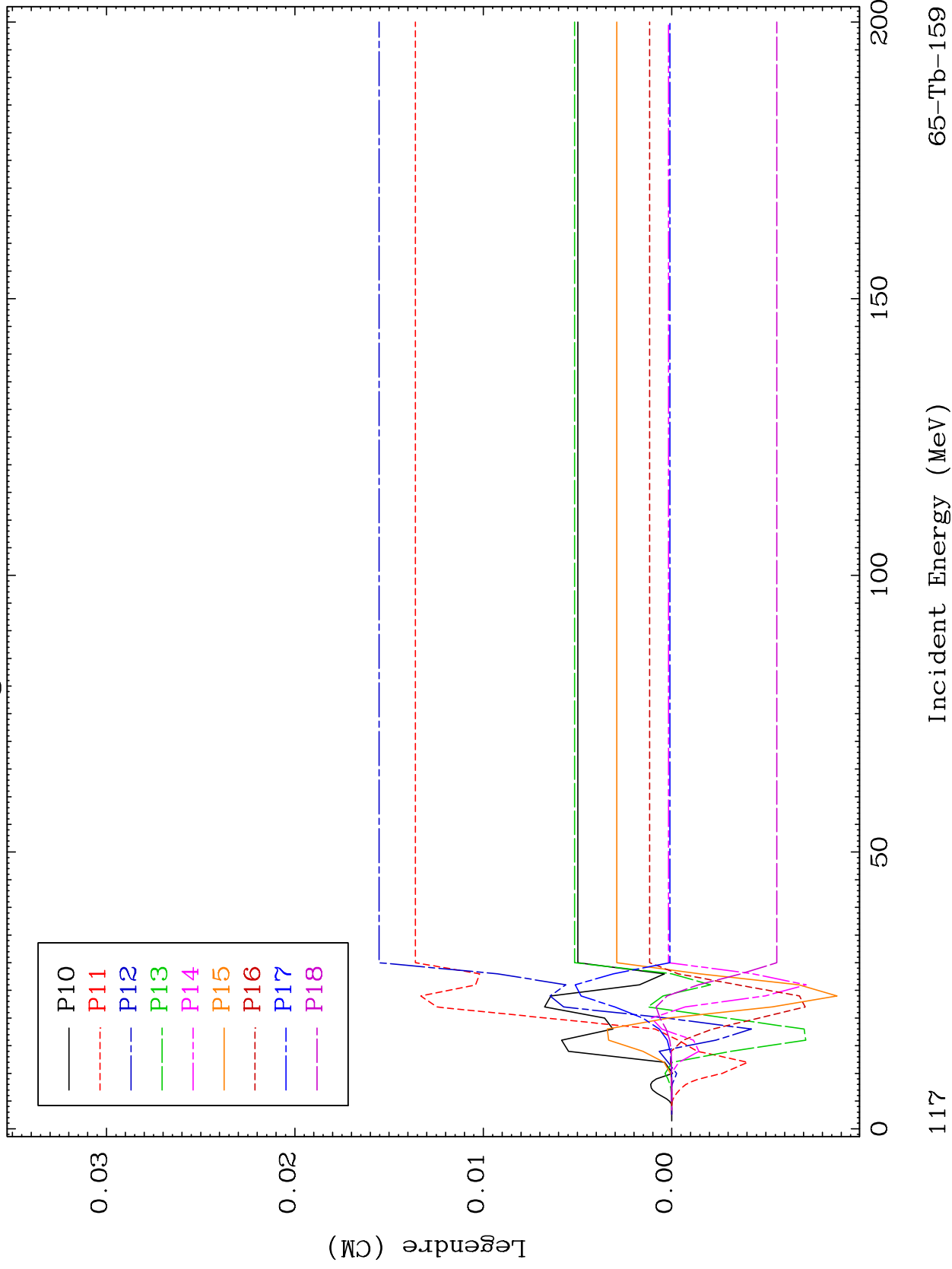




MAT 6525

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

65-Tb-159



117

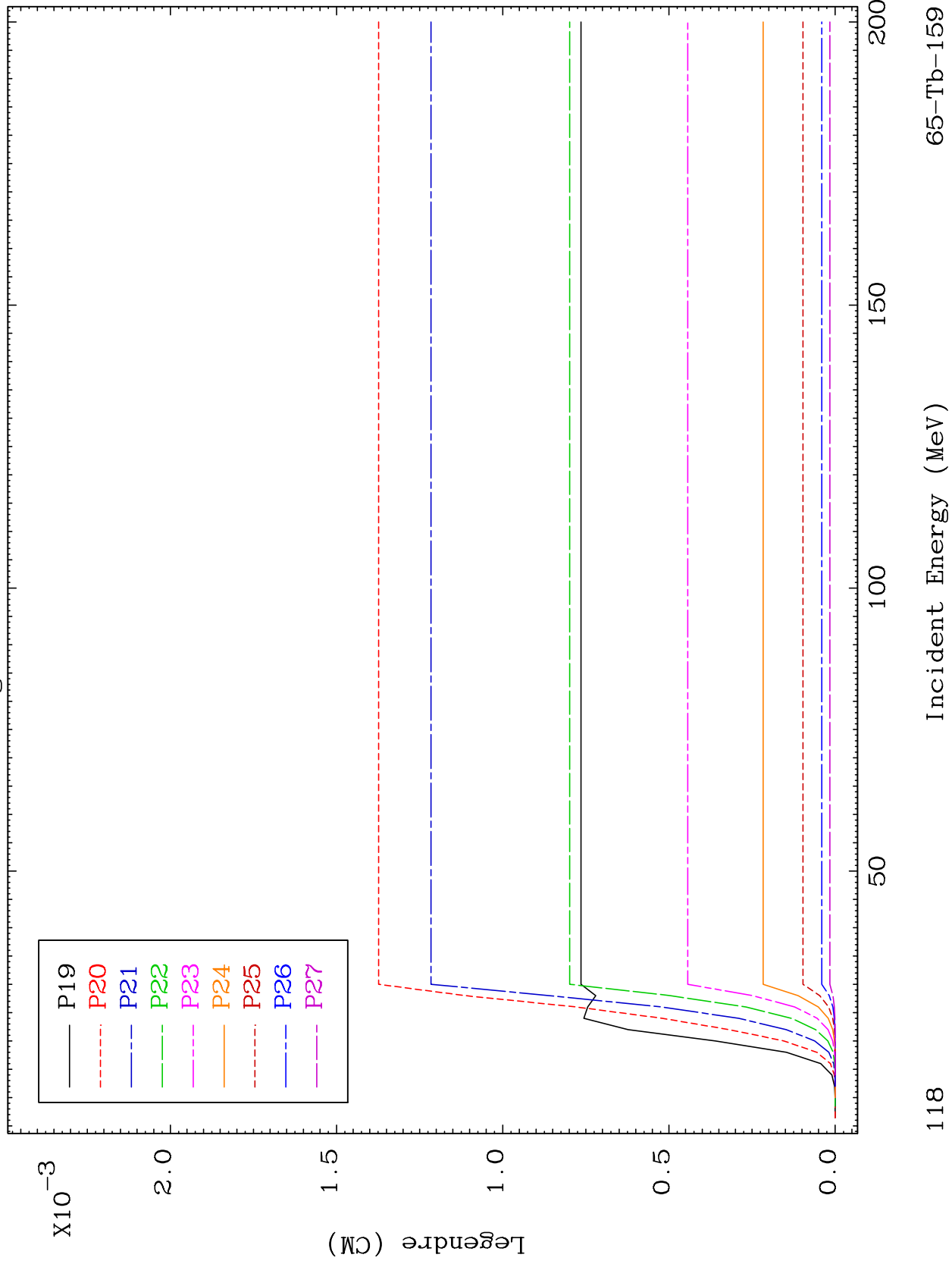
Incident Energy (MeV)

65-Tb-159

MAT 6525

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

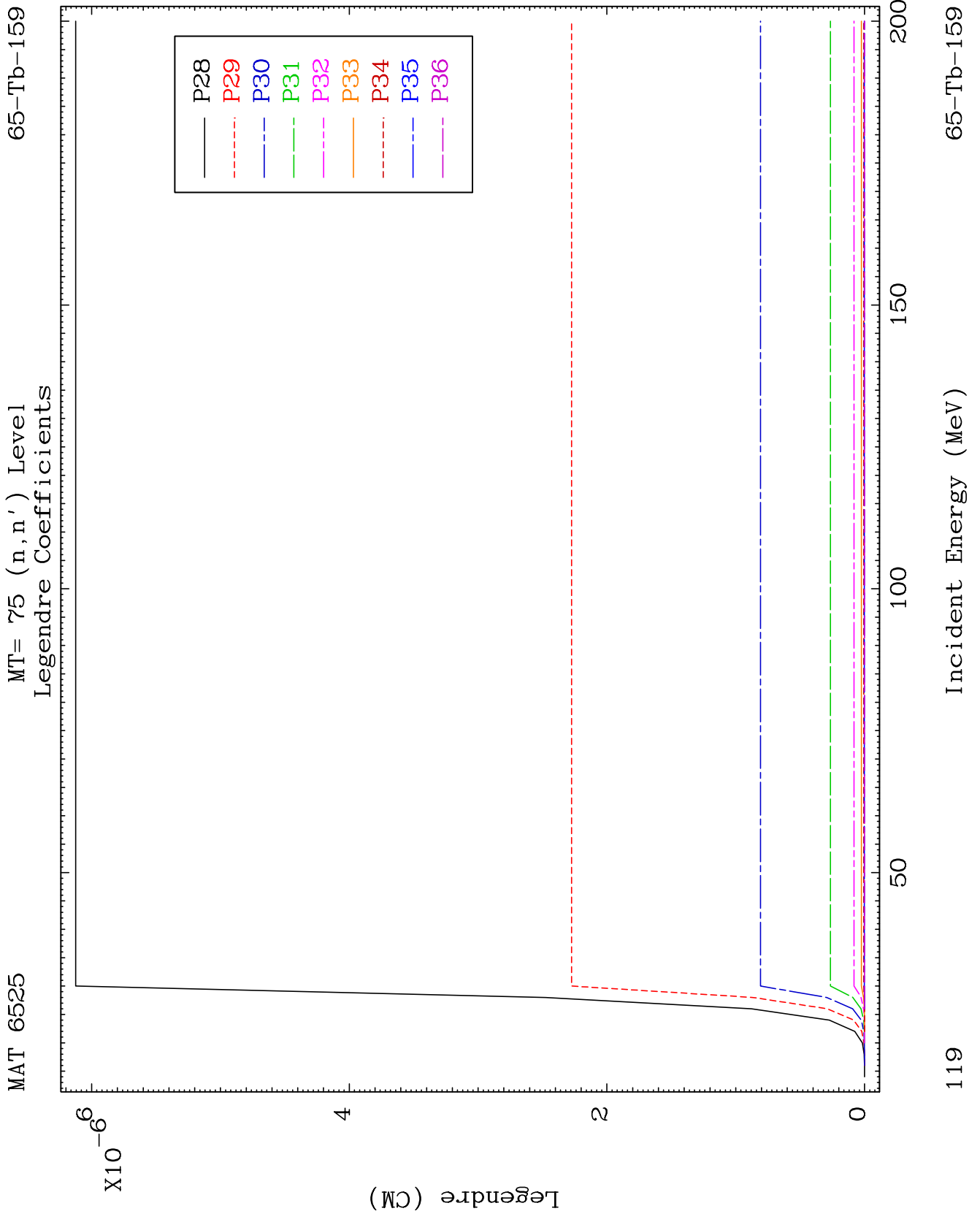
65-Tb-159



118

Incident Energy (MeV)

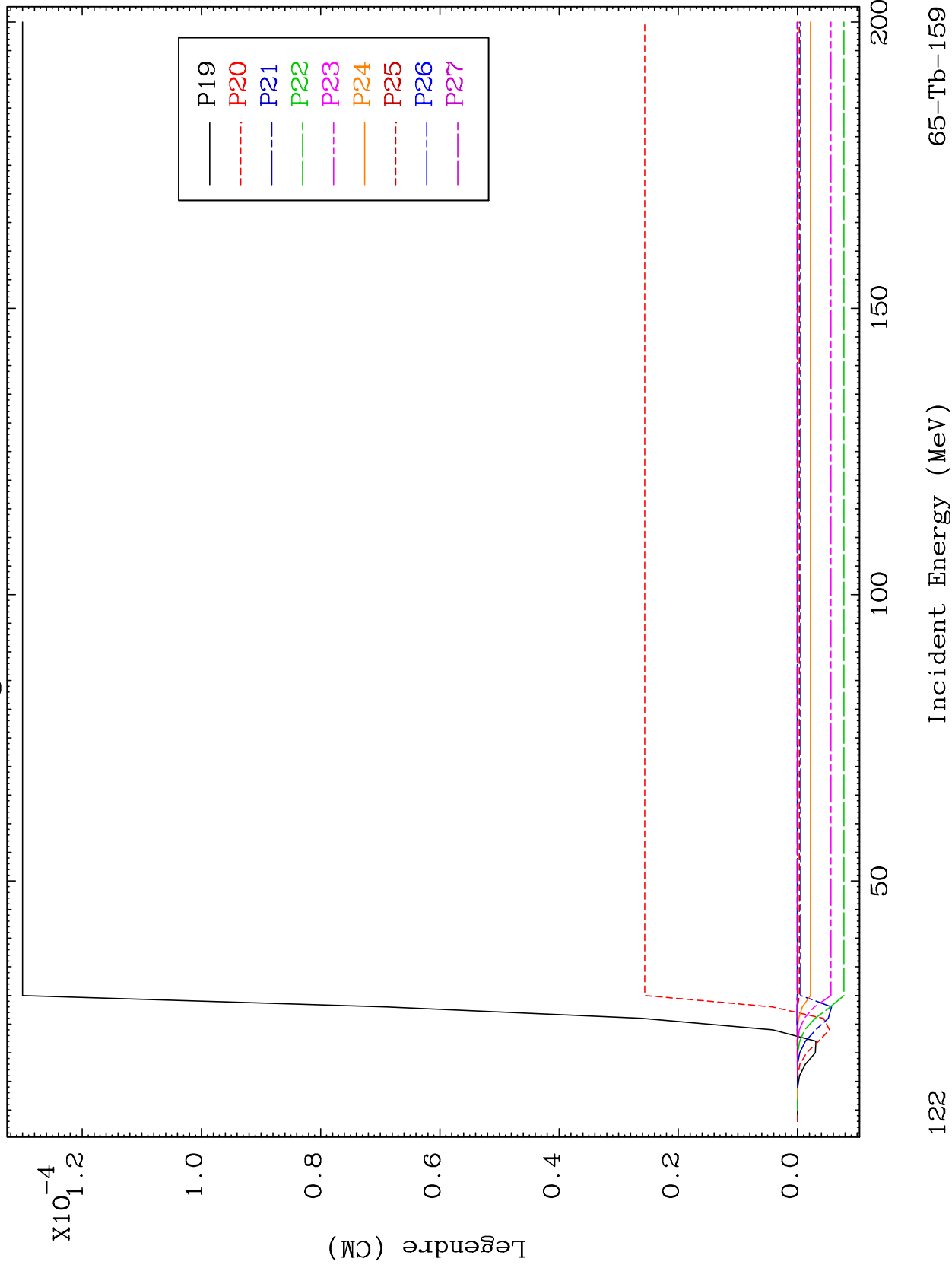
65-Tb-159



MAT 6525

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

65-Tb-159



122

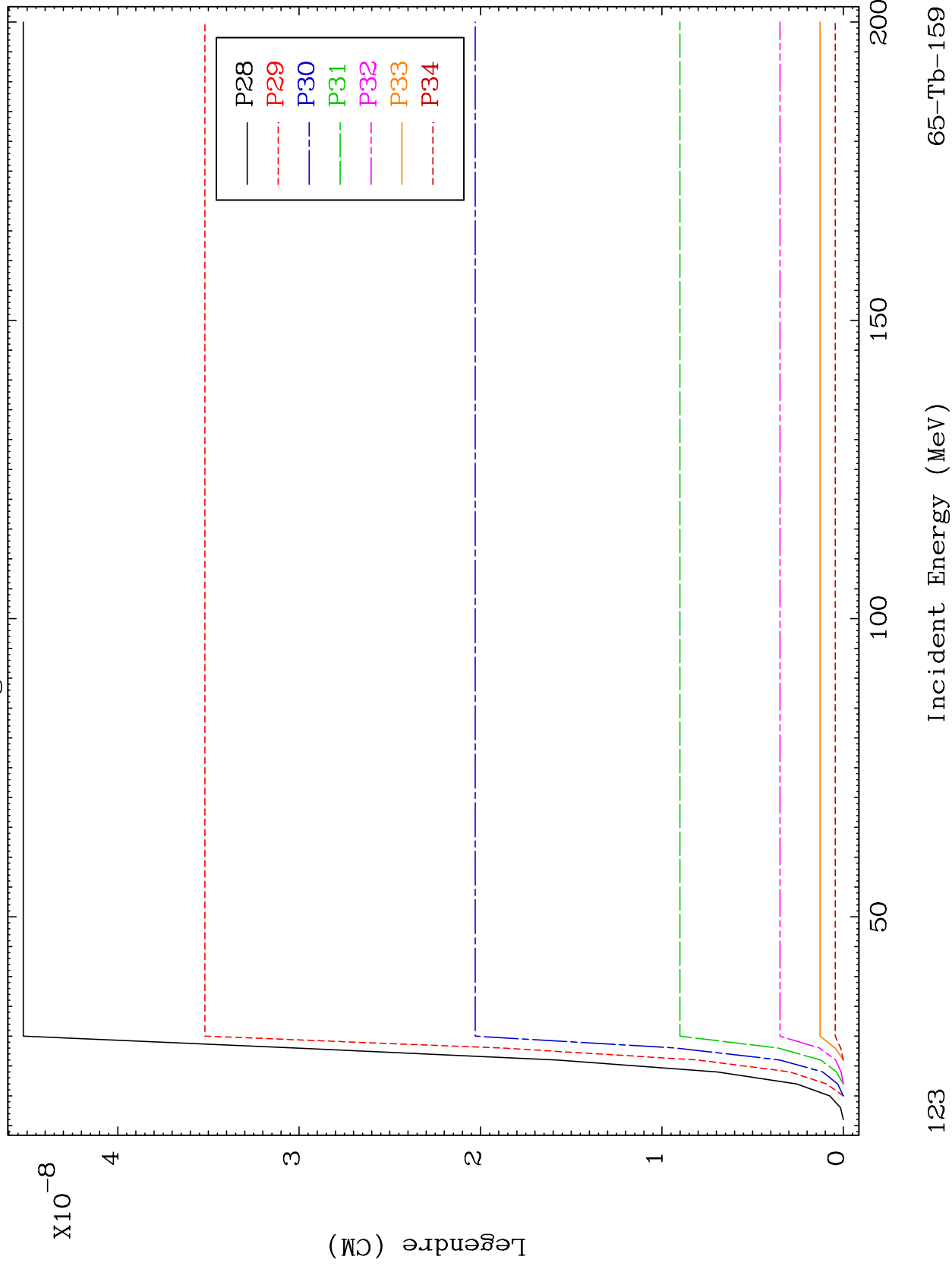
Incident Energy (MeV)

65-Tb-159

MAT 6525

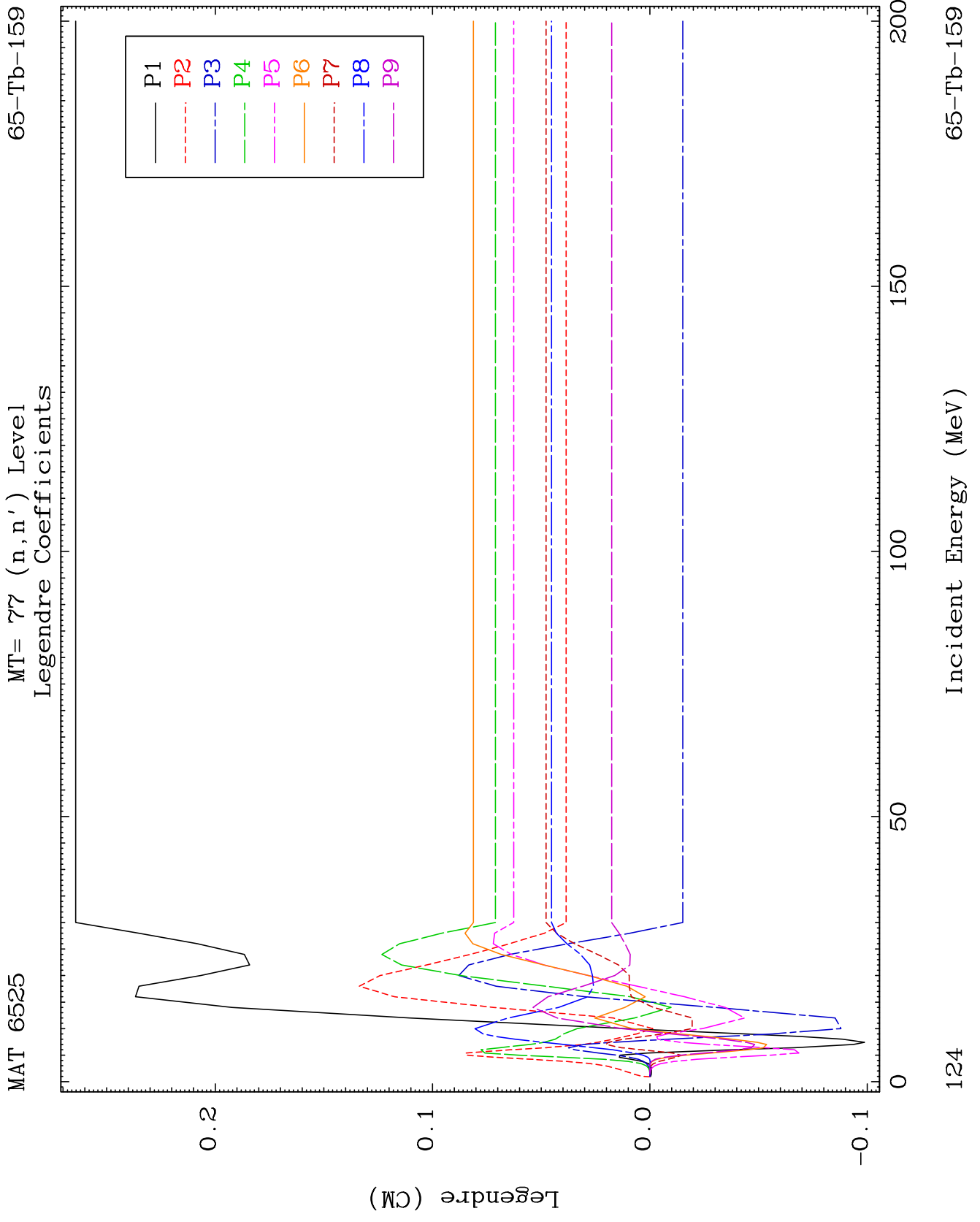
MT= 76 (n,n') Level
Legendre Coefficients

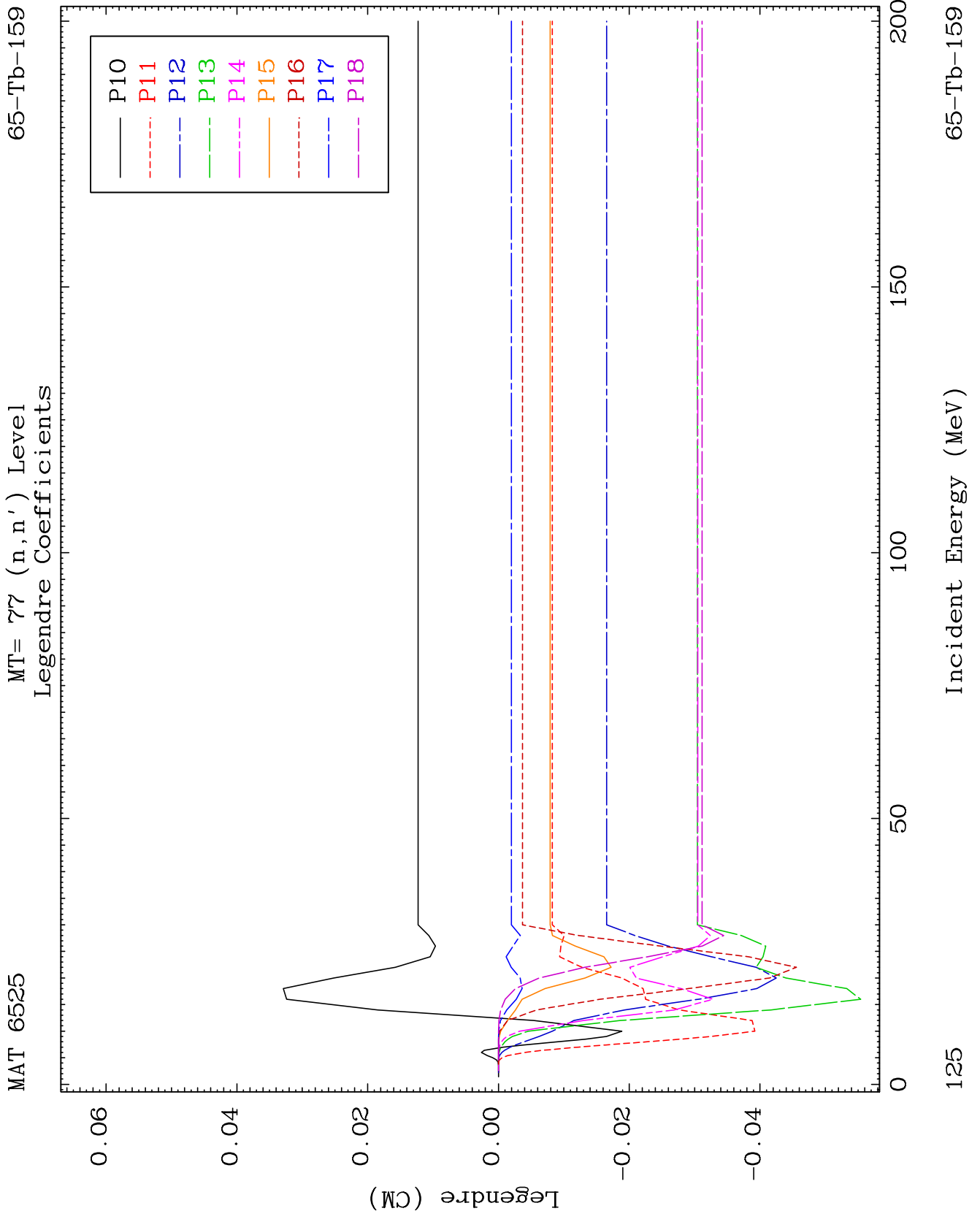
65-Tb-159



123

65-Tb-159

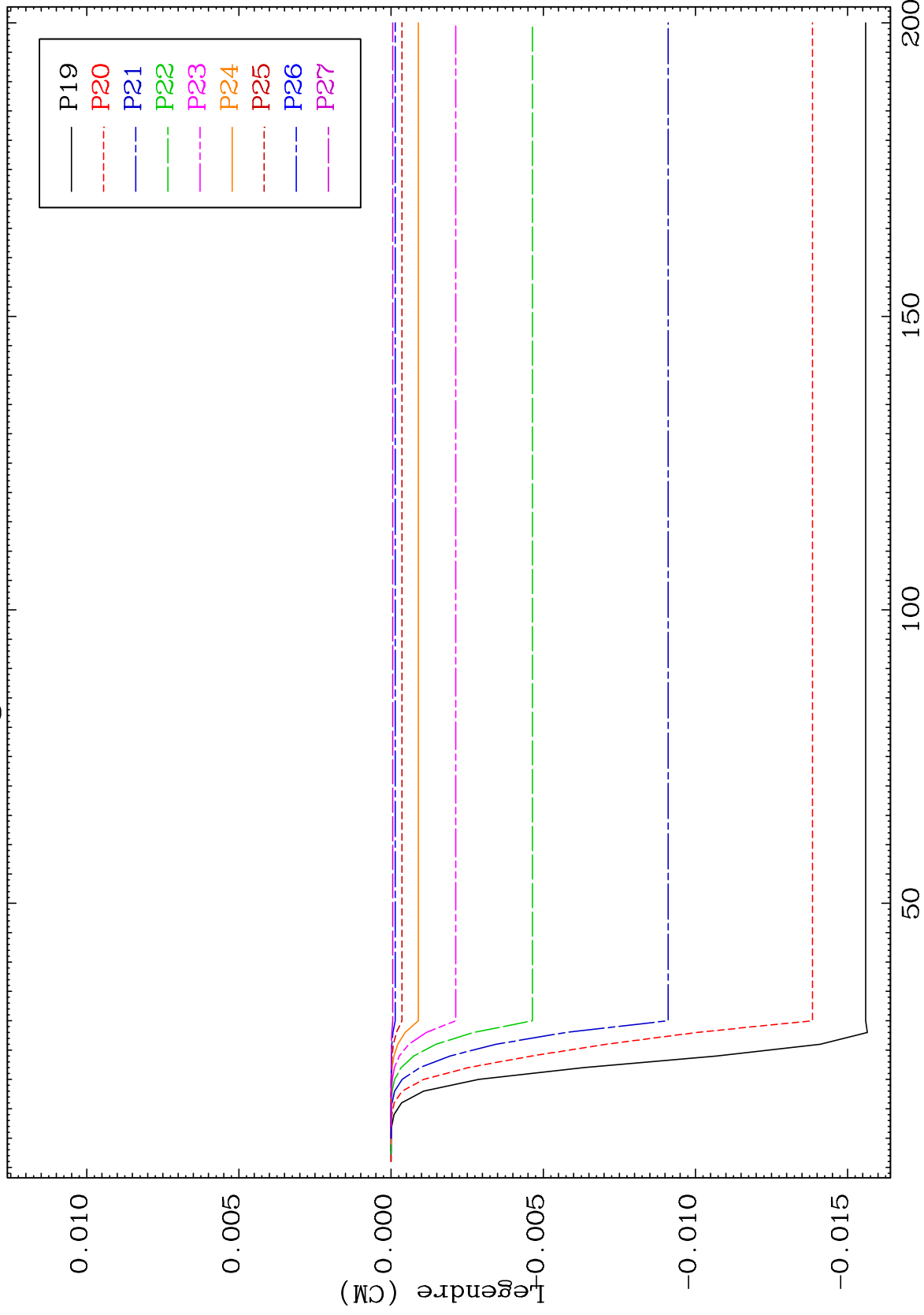




MAT 6525

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

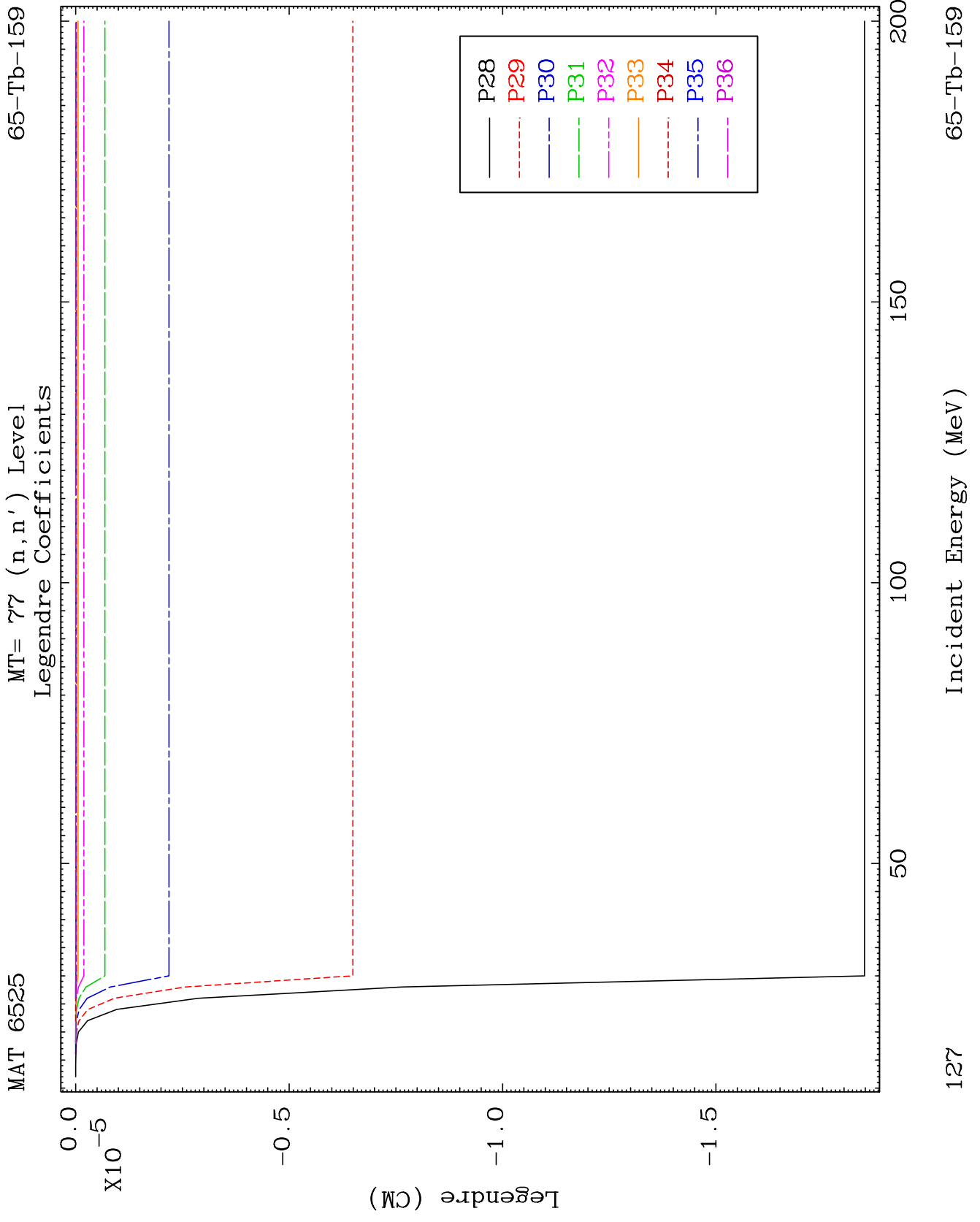
65-Tb-159

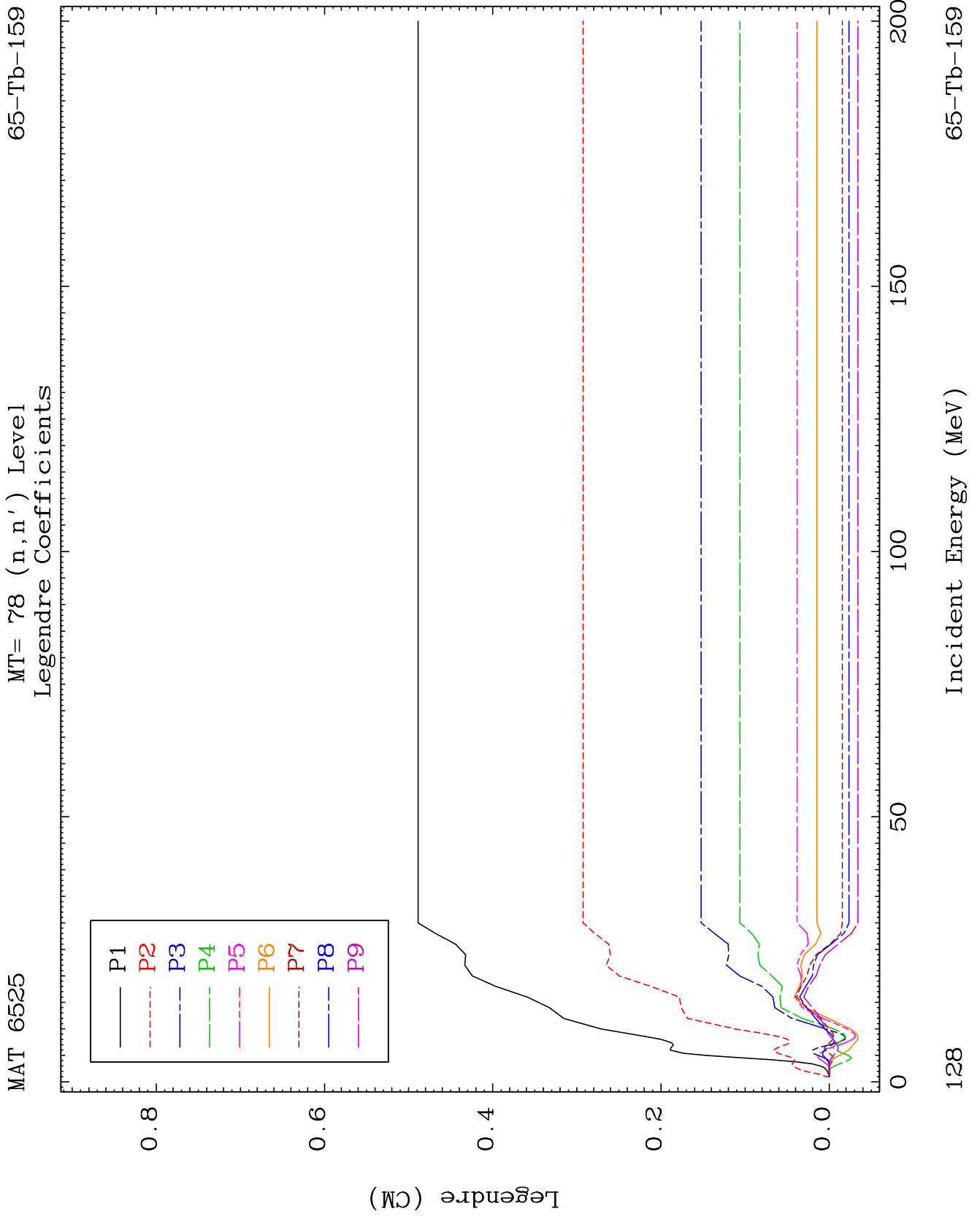


126

Incident Energy (MeV)

65-Tb-159

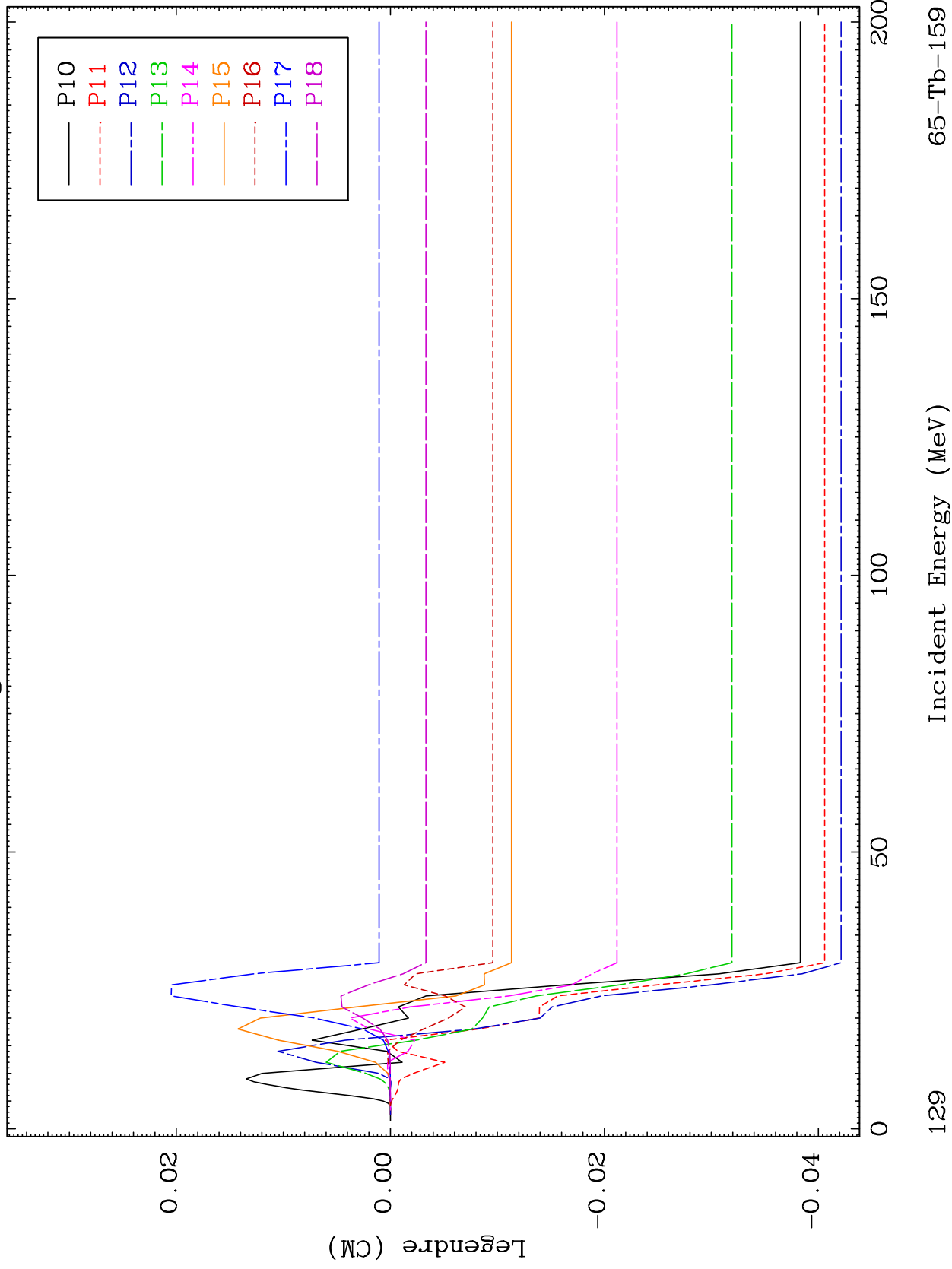




MAT 6525

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

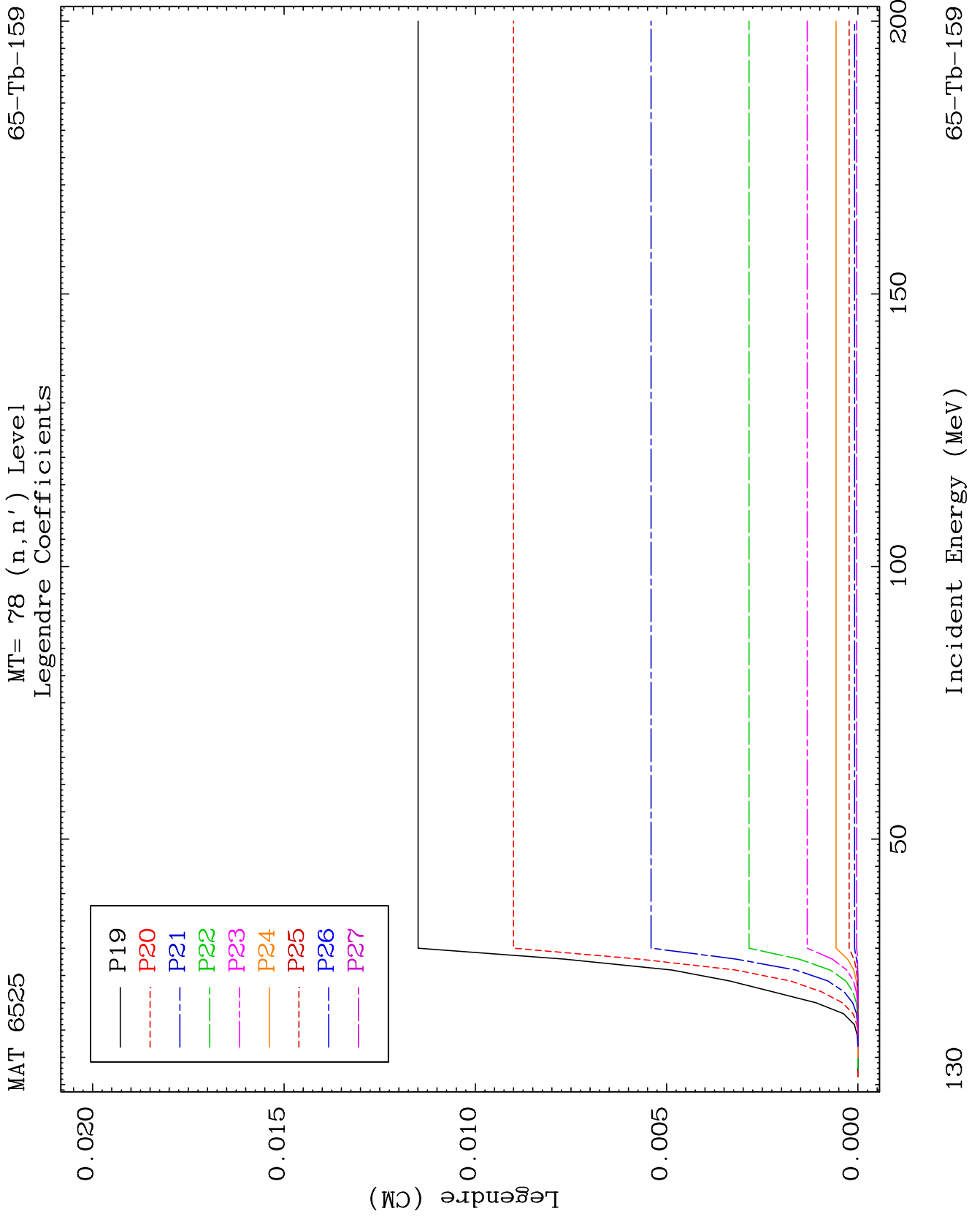
65-Tb-159



129

Incident Energy (MeV)

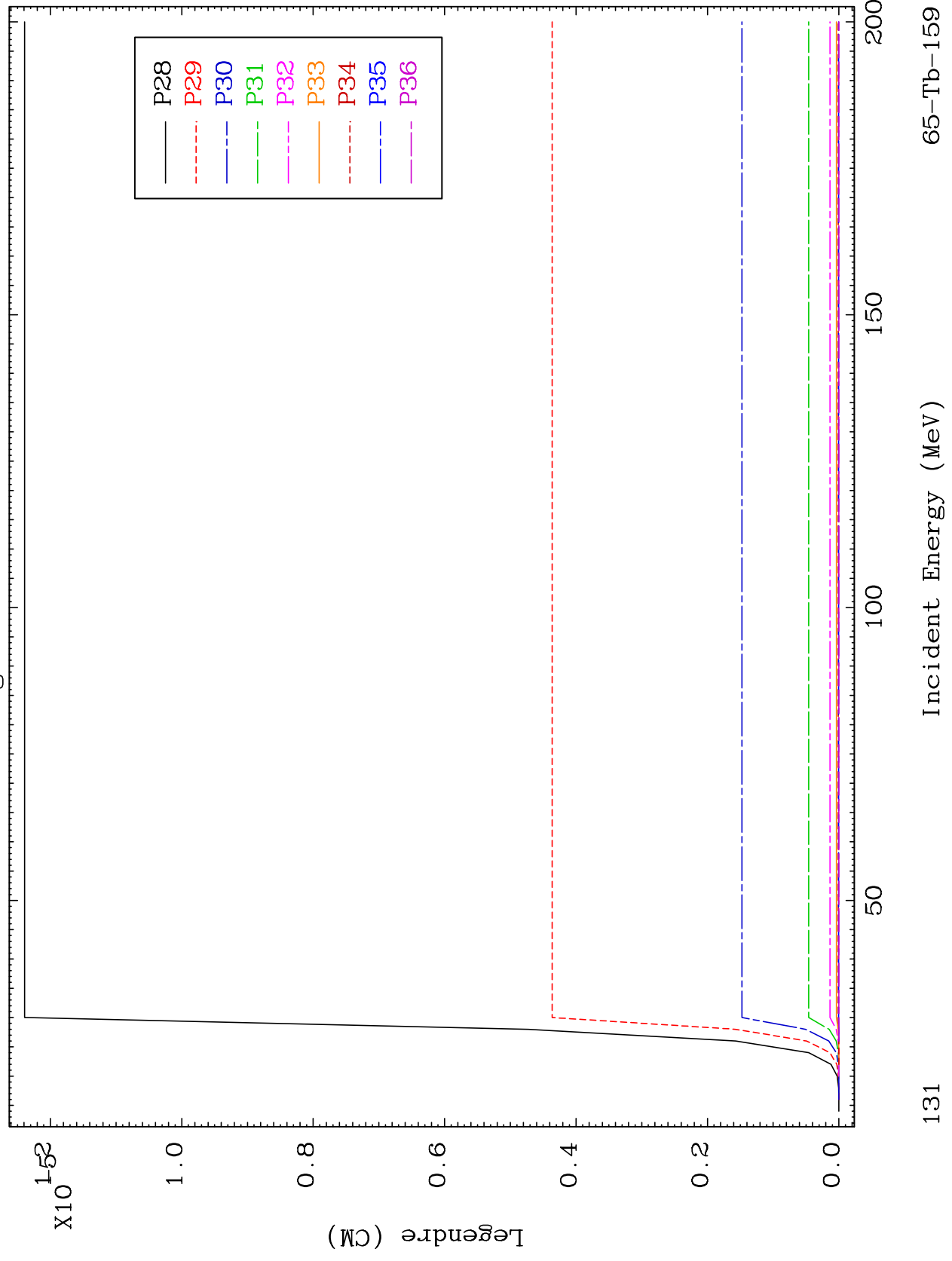
65-Tb-159

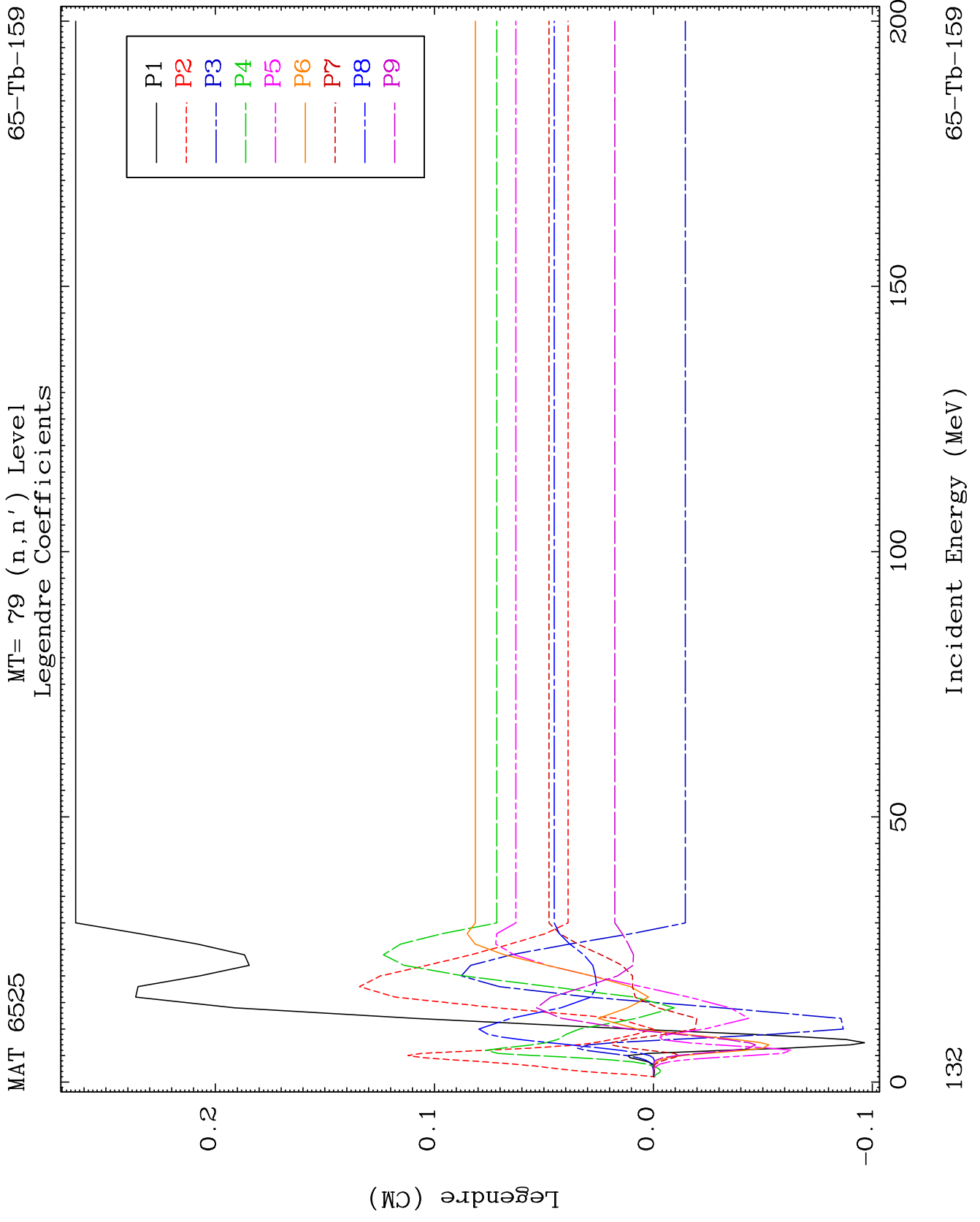


MAT 6525

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

65-Tb-159

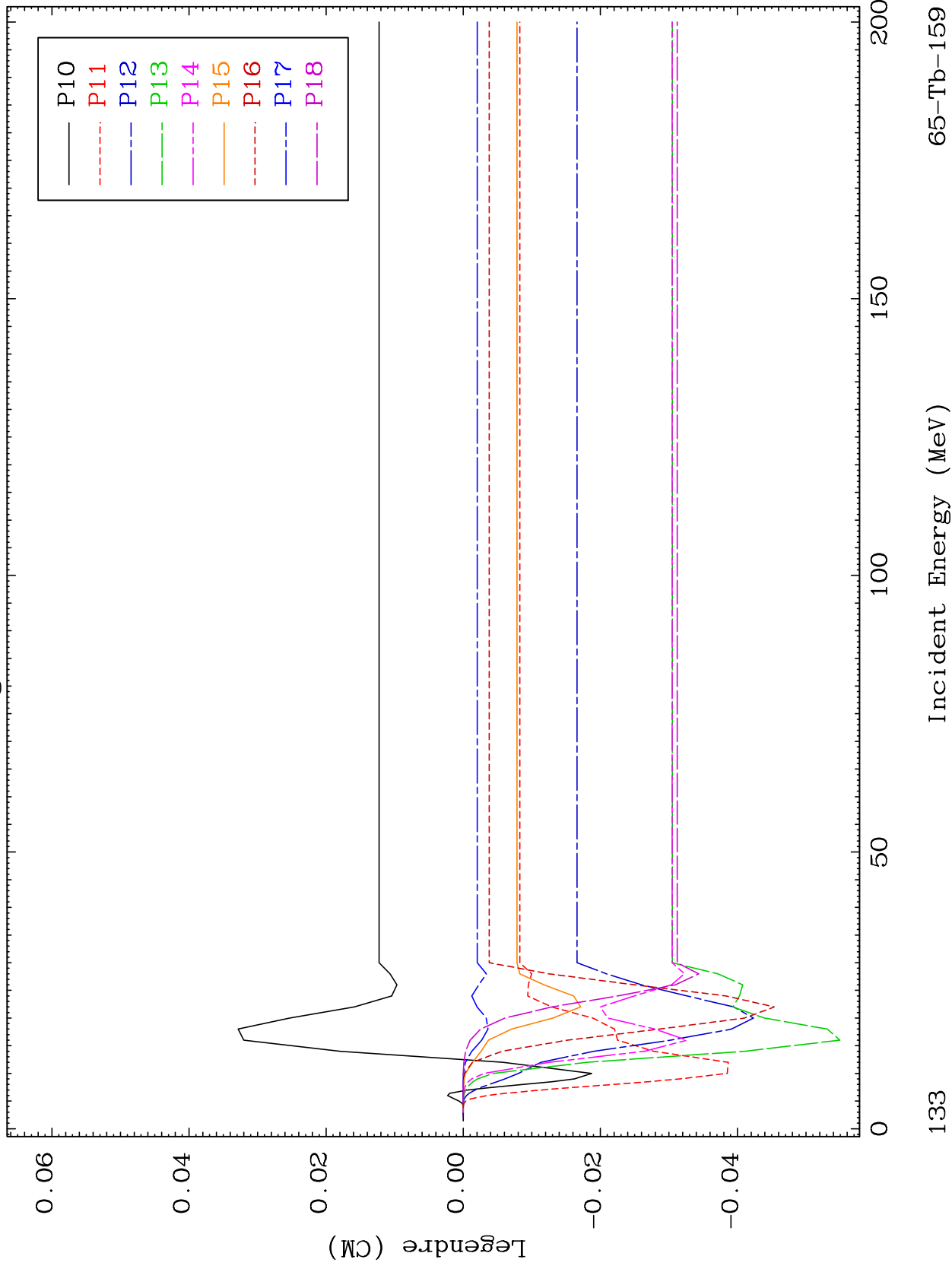




MAT 6525

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

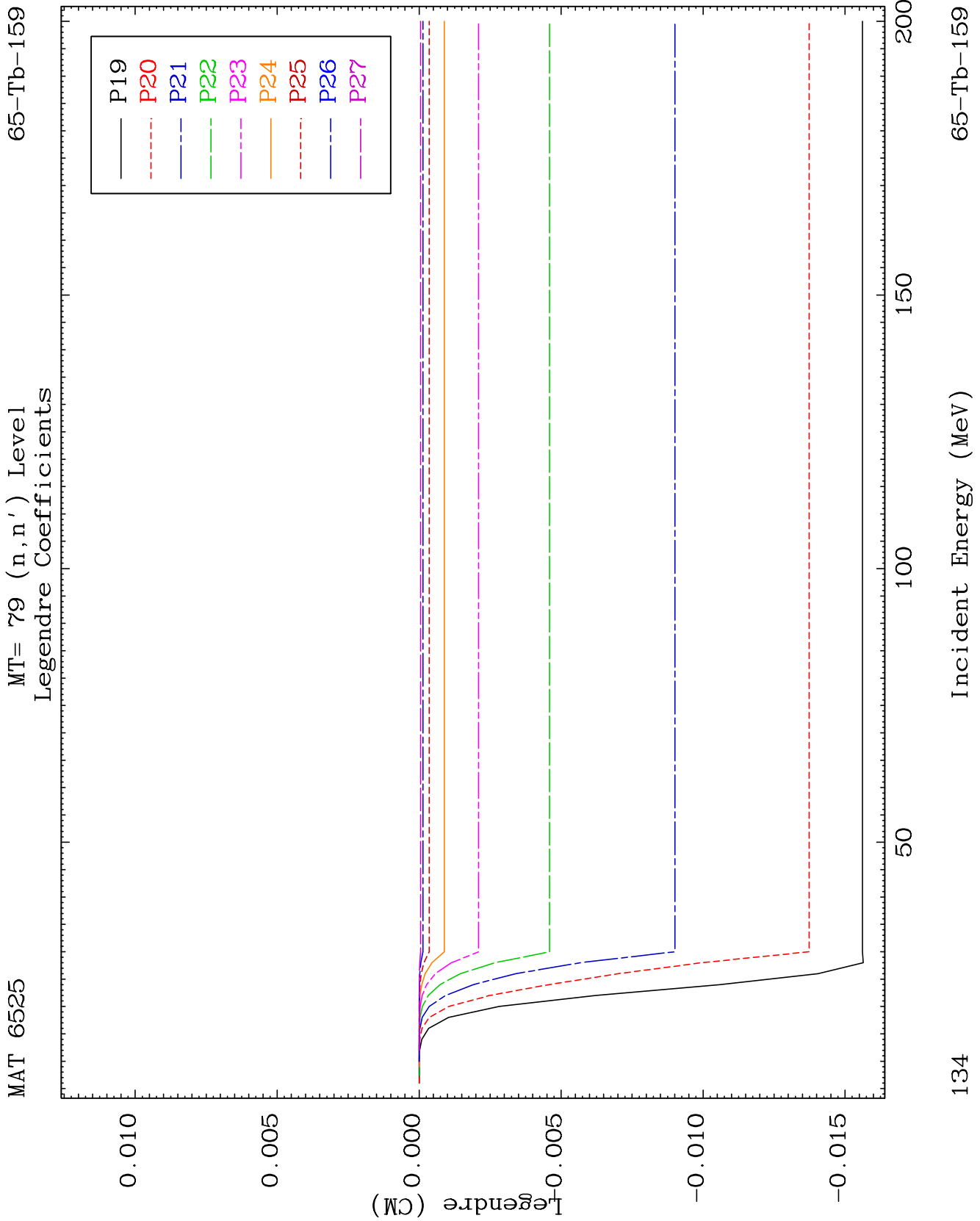
65-Tb-159

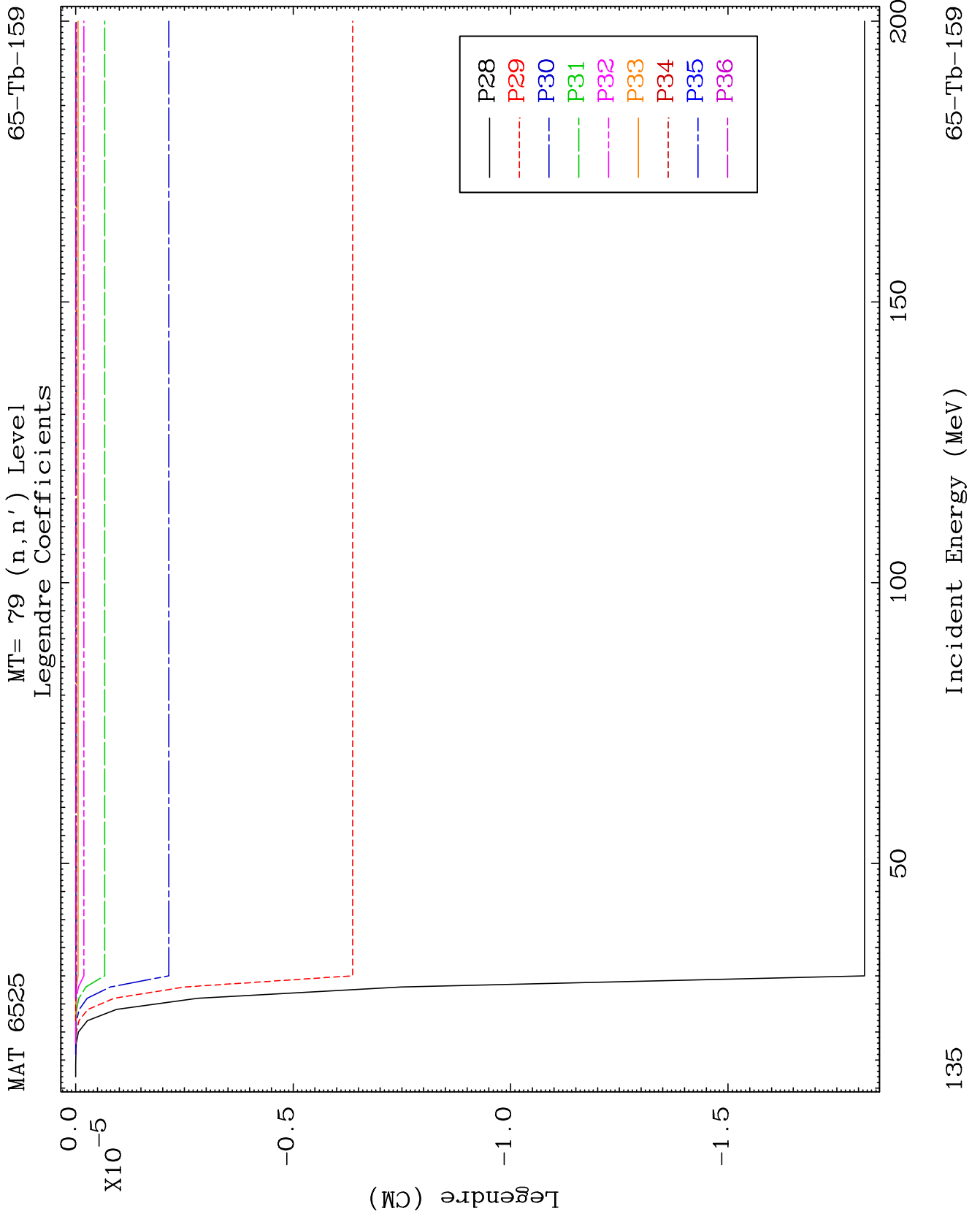


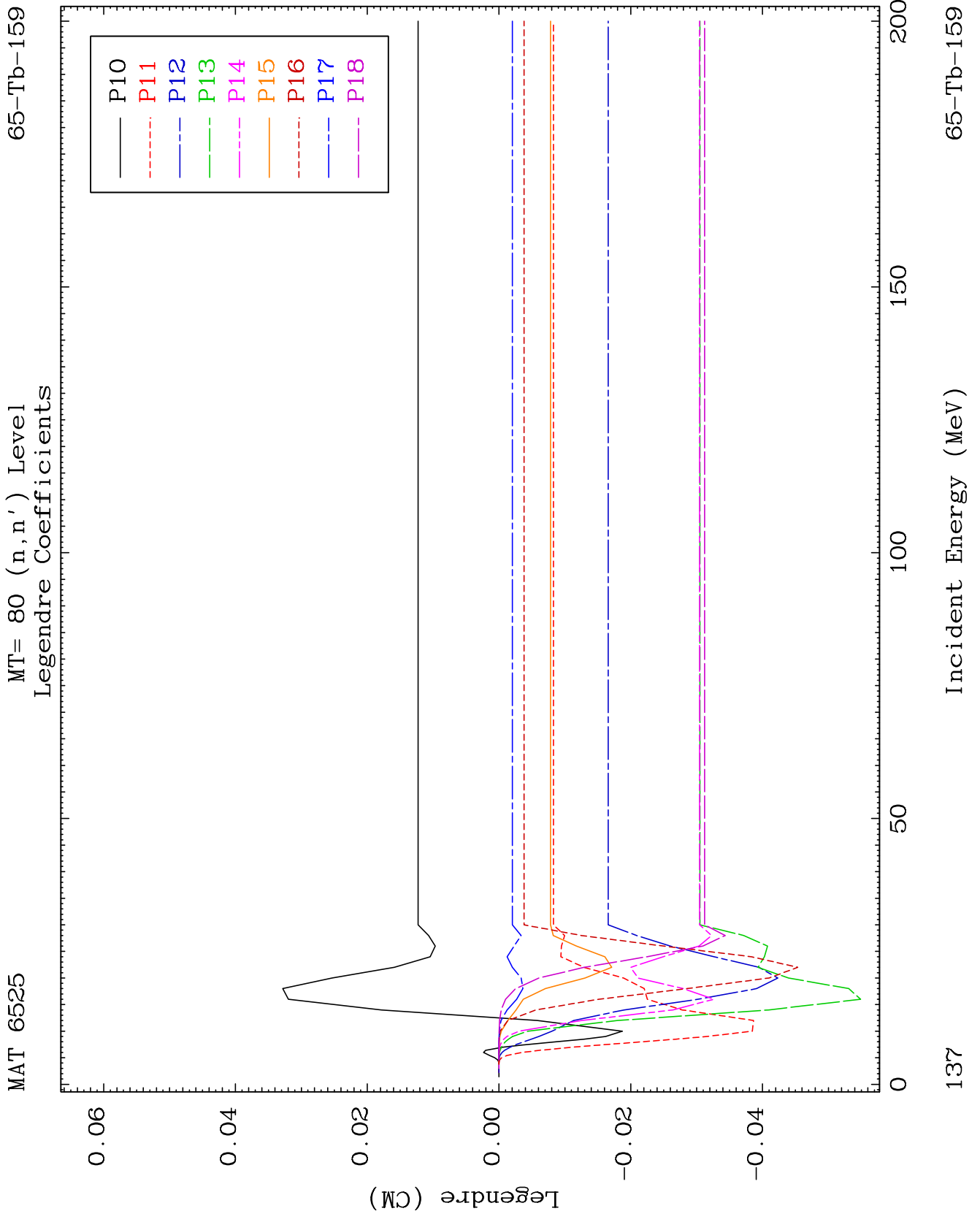
65-Tb-159

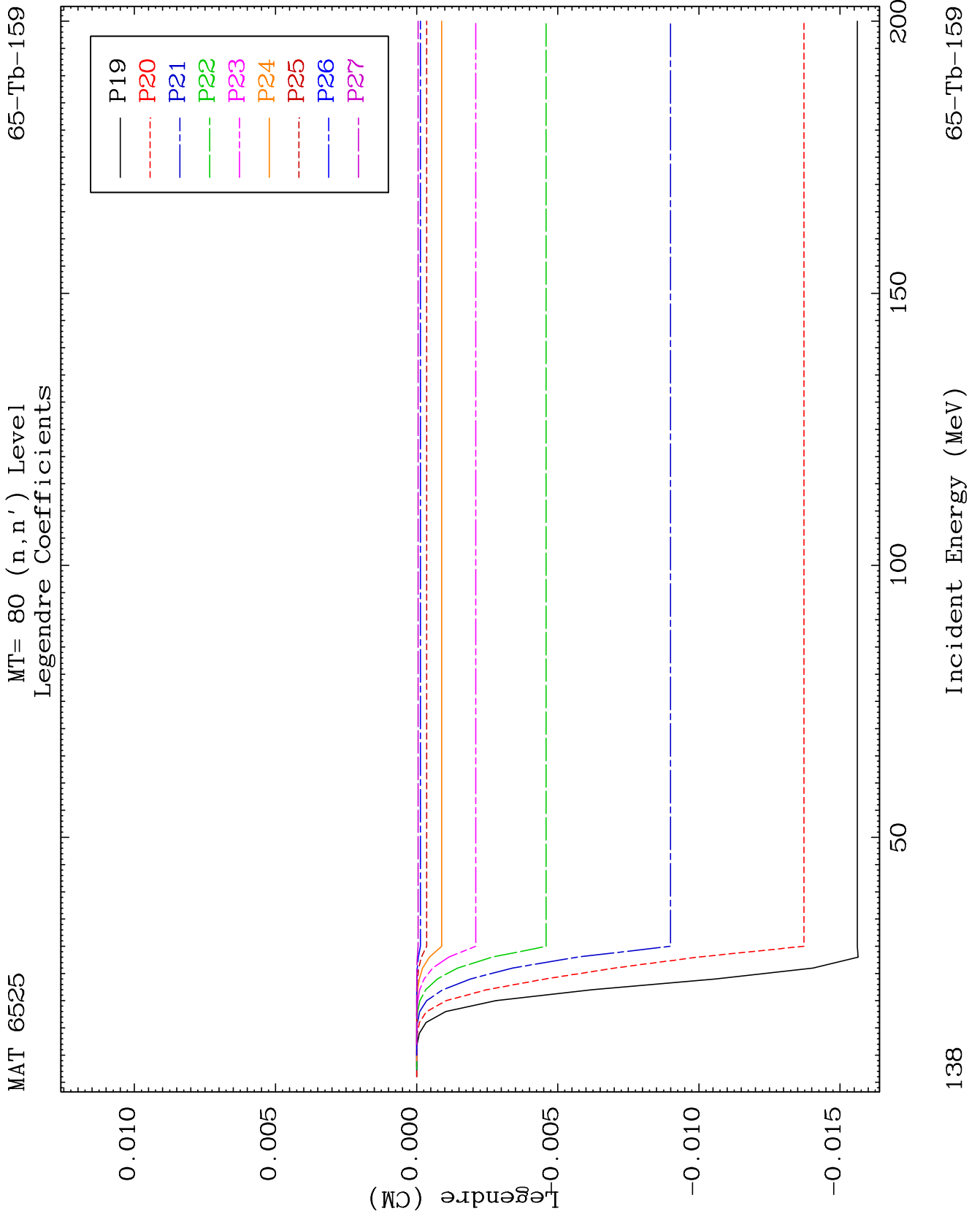
Incident Energy (MeV)

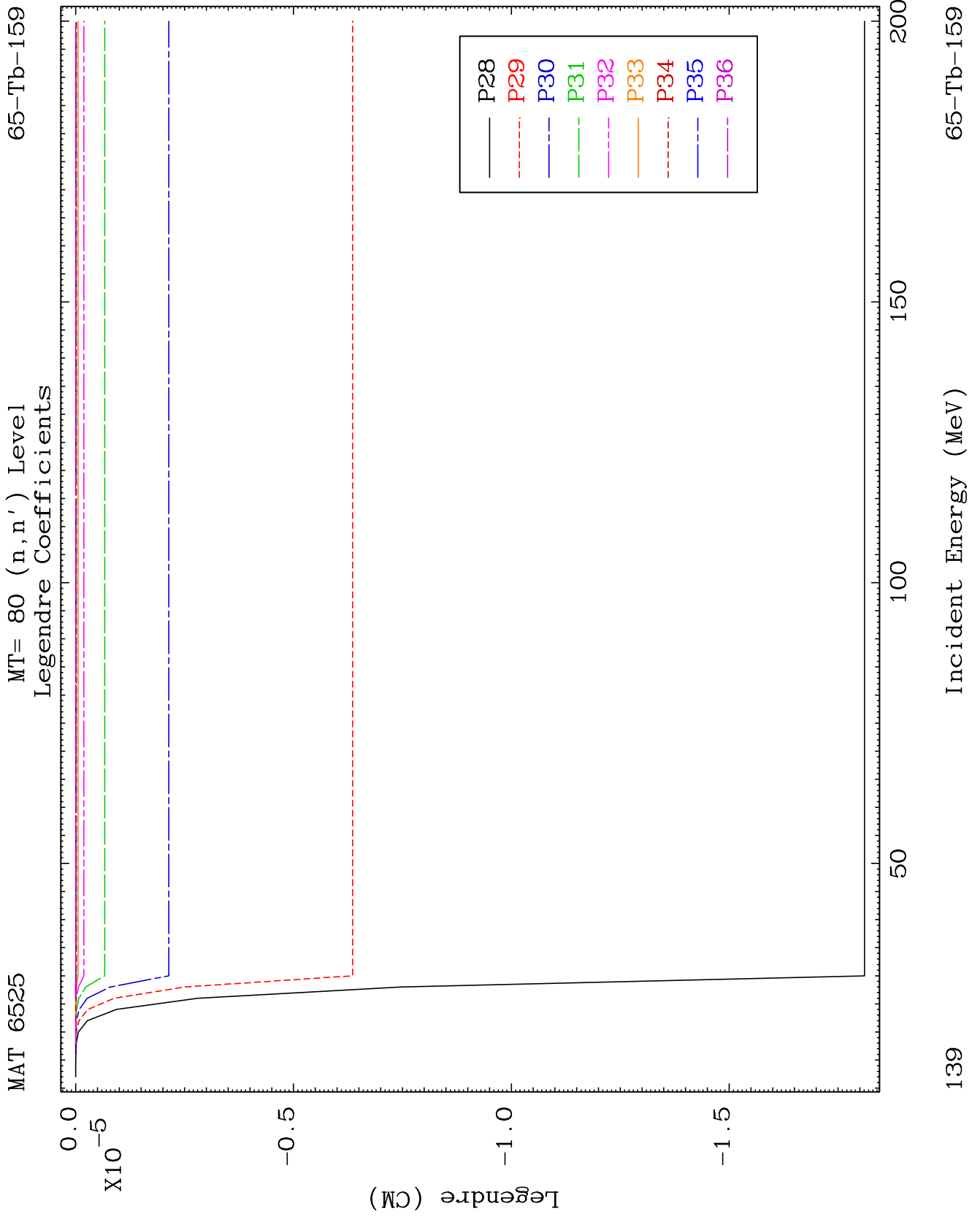
133







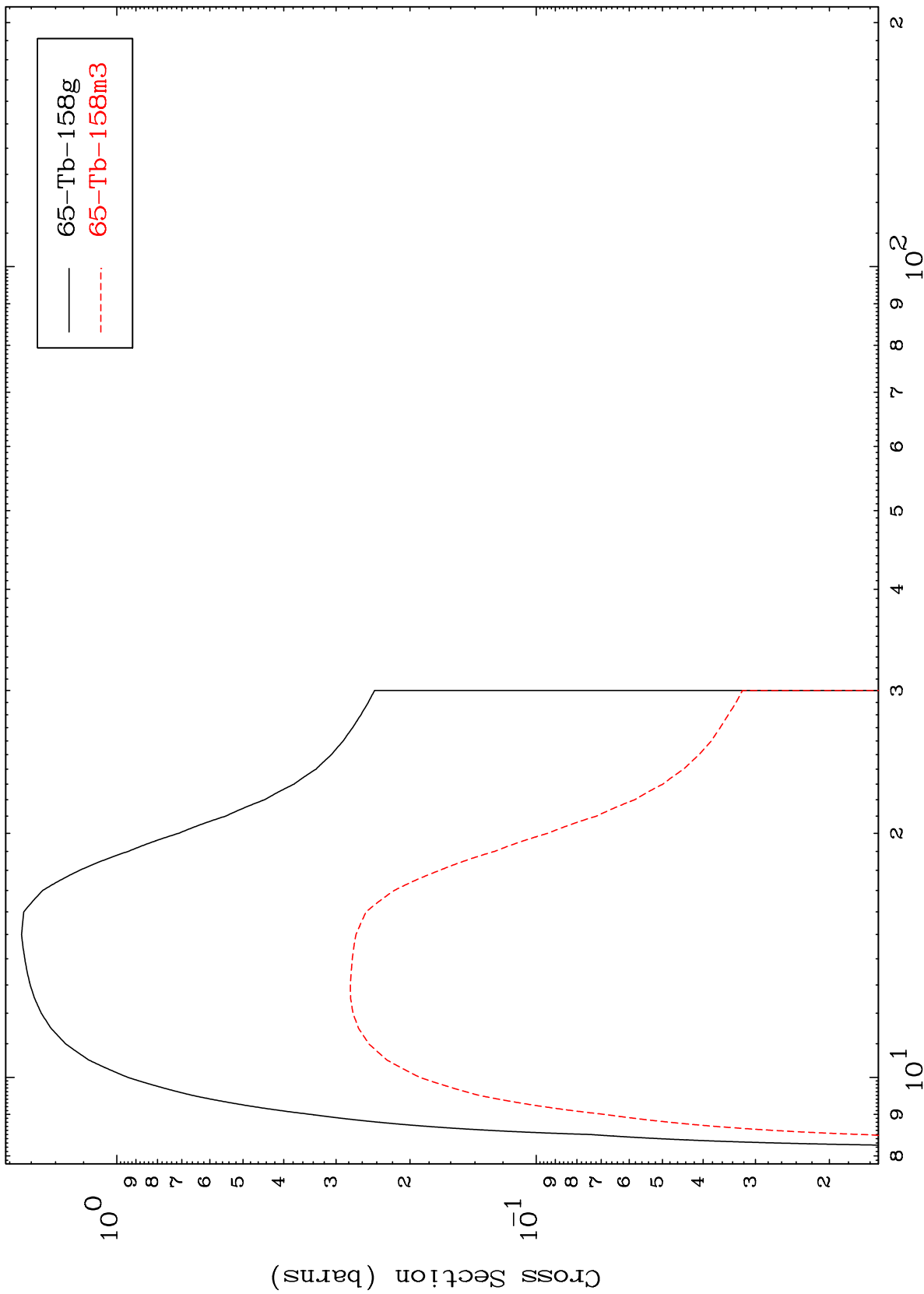




MAT 6525

65-Tb-159

(n,2n)
Radionuclide Production Cross Section



65-Tb-159

Incident Energy (MeV)

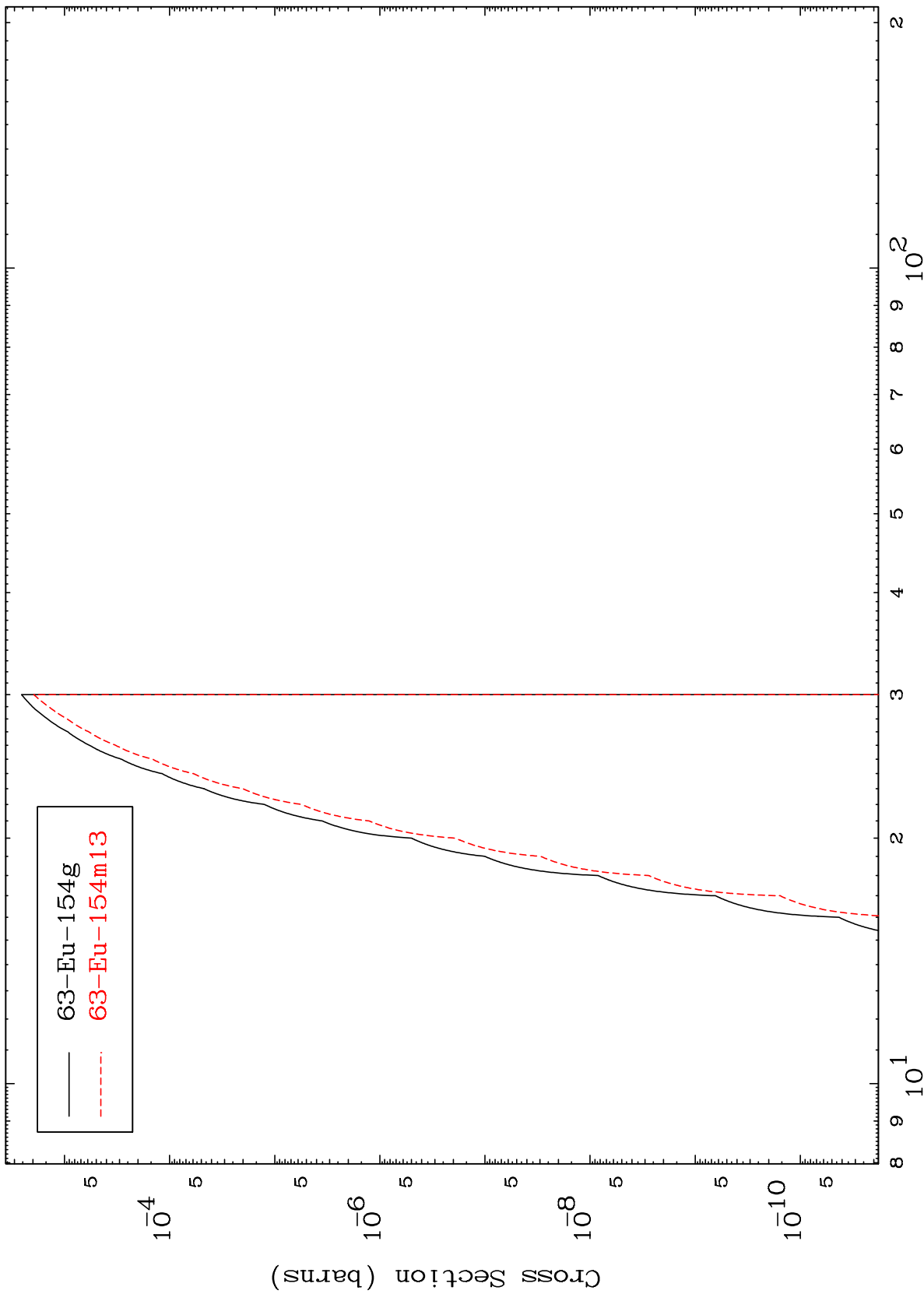
140

MAT 6525

(n,2n) α

65-Tb-159

Radionuclide Production Cross Section



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

141

Incident Energy (MeV)

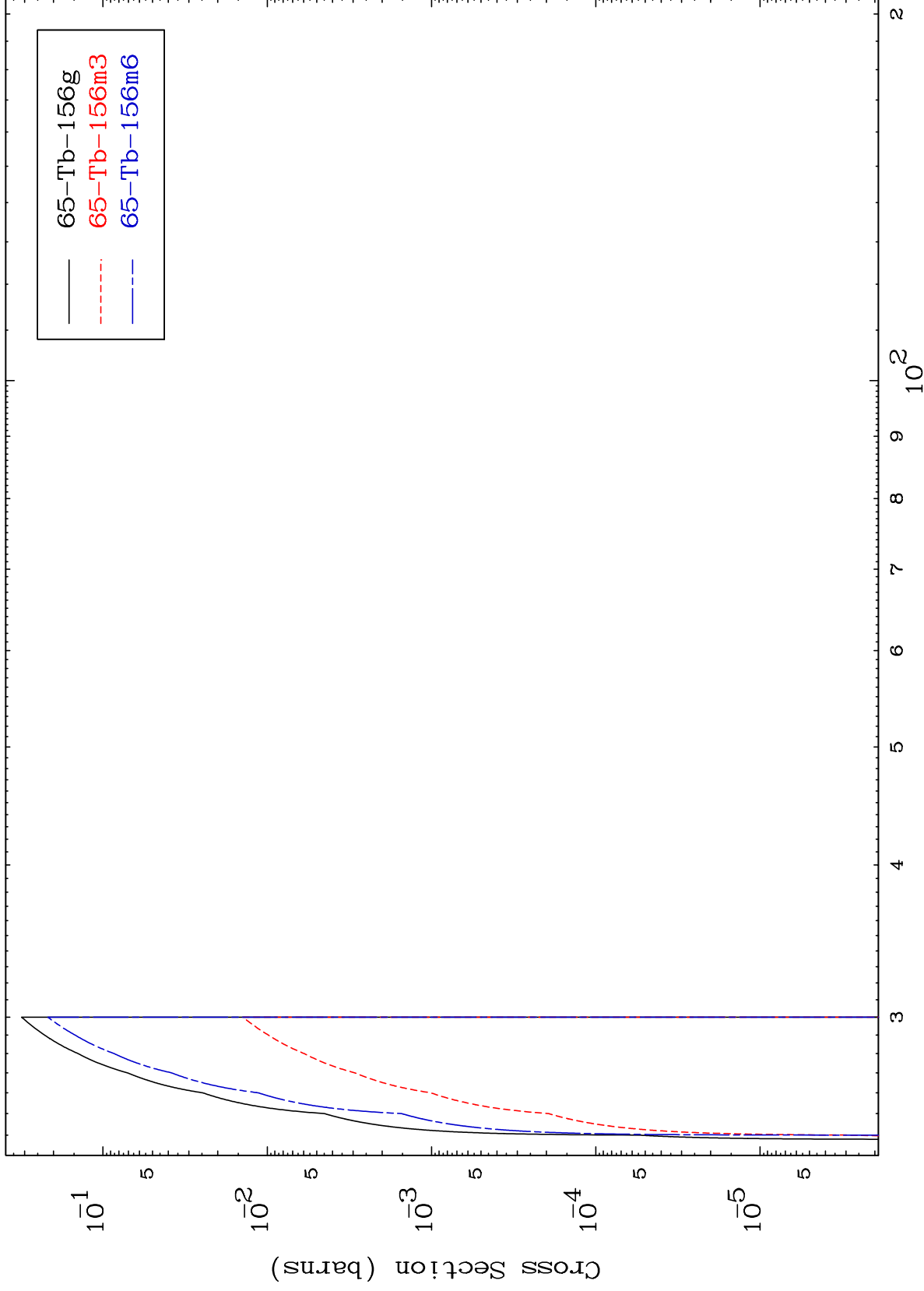
65-Tb-159

MAT 6525

(n,4n)

65-Tb-159

Radionuclide Production Cross Section



142

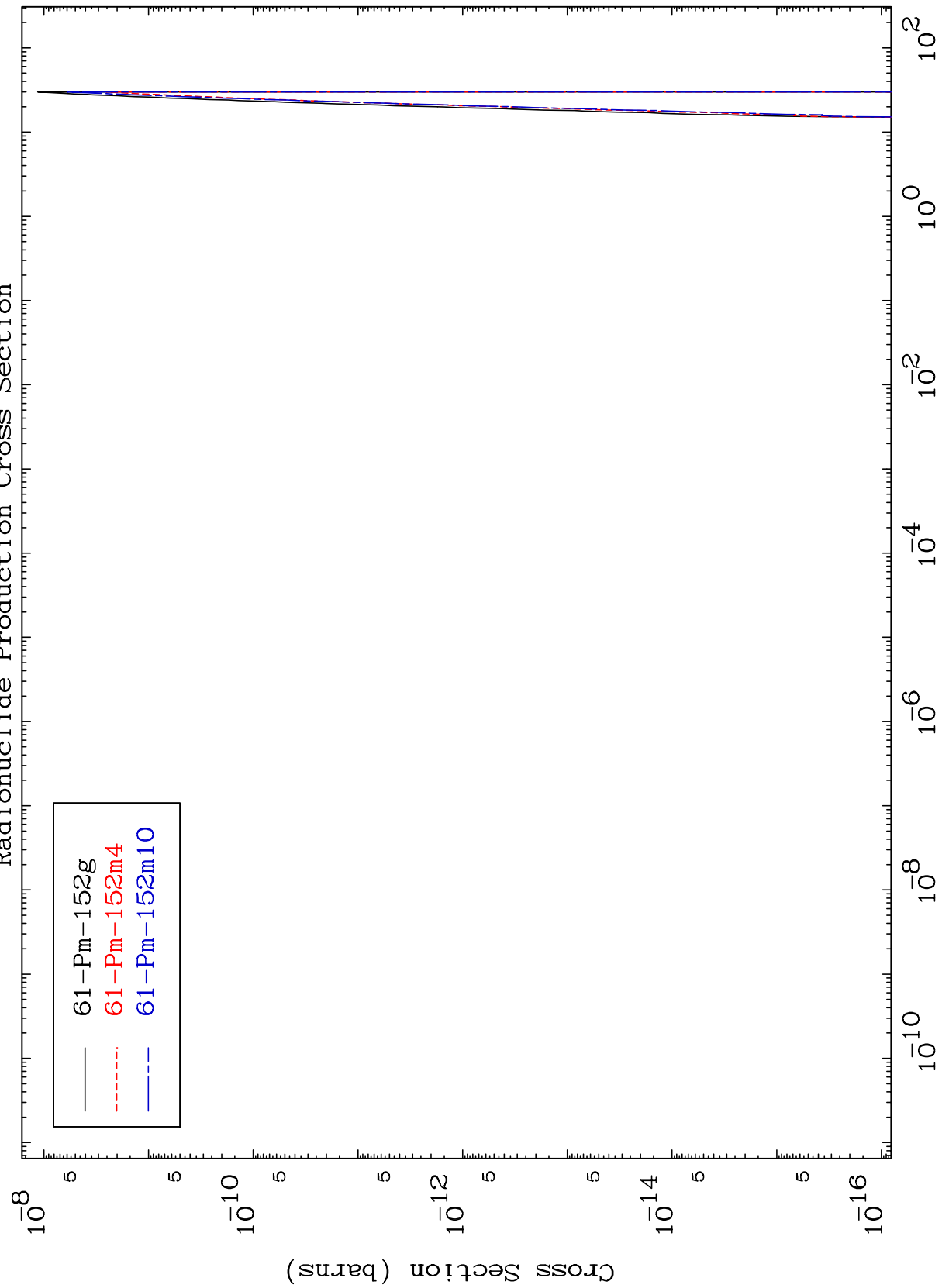
Incident Energy (MeV)

65-Tb-159

MAT 6525

65-Tb-159

(n,2α)
Radionuclide Production Cross Section



65-Tb-159

Incident Energy (MeV)

143