

Program EVALPLOT
(Version 2021-1)

by

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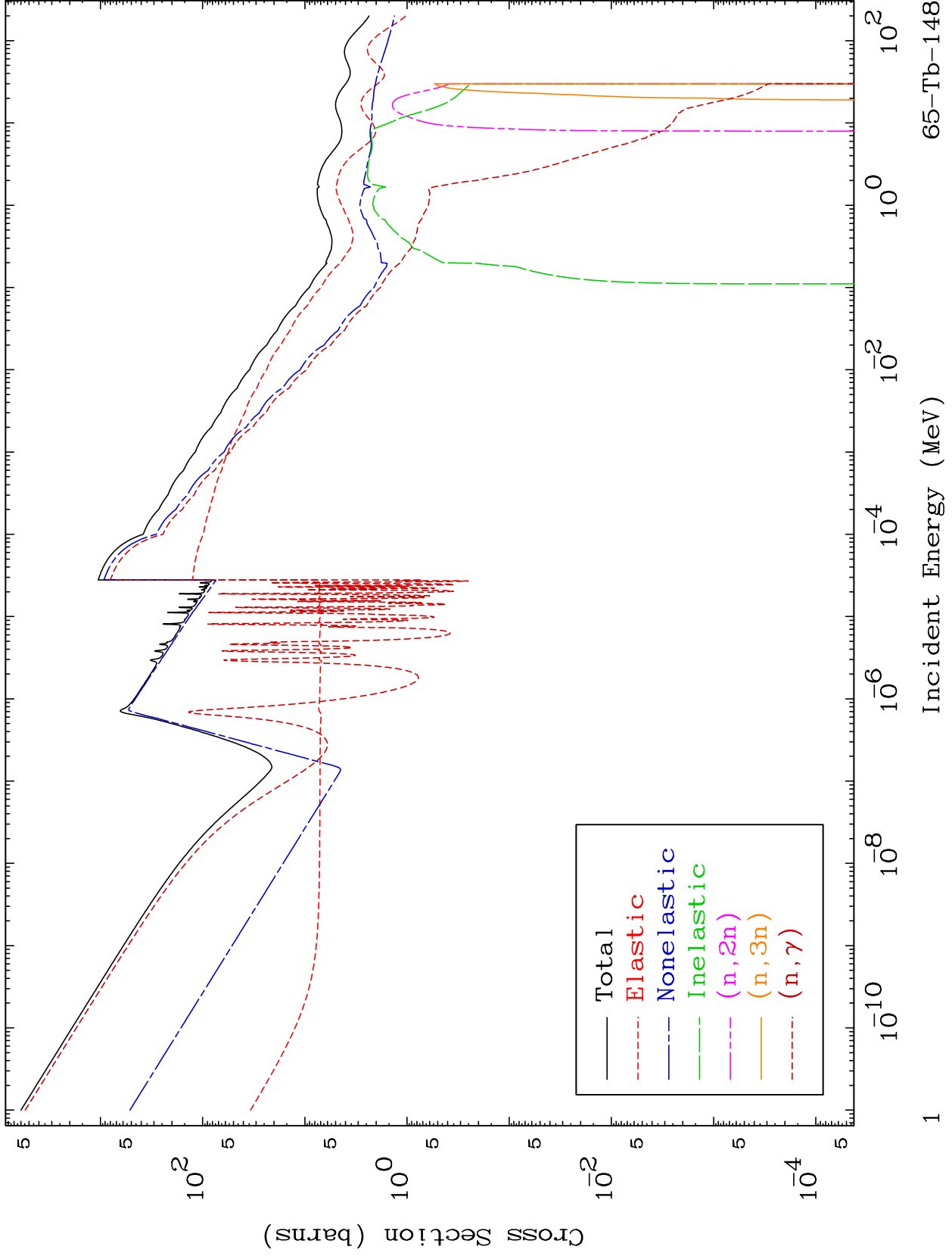
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Press Mouse Button to Start

MAT 6492

Neutron Major
293 Kelvin Cross Sections

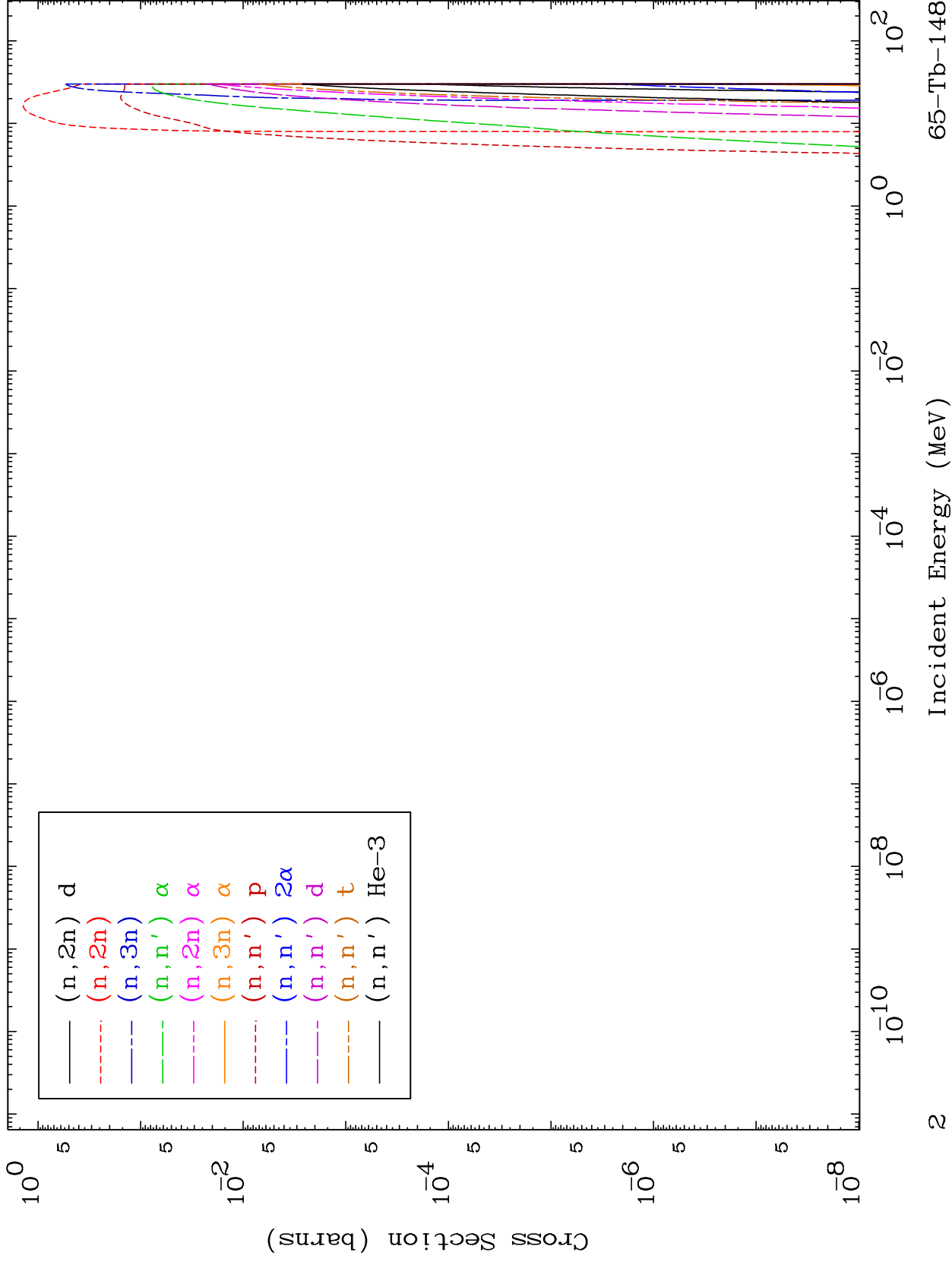
65-Tb-148



MAT 6492

Neutron Absorption
293 Kelvin Cross Sections

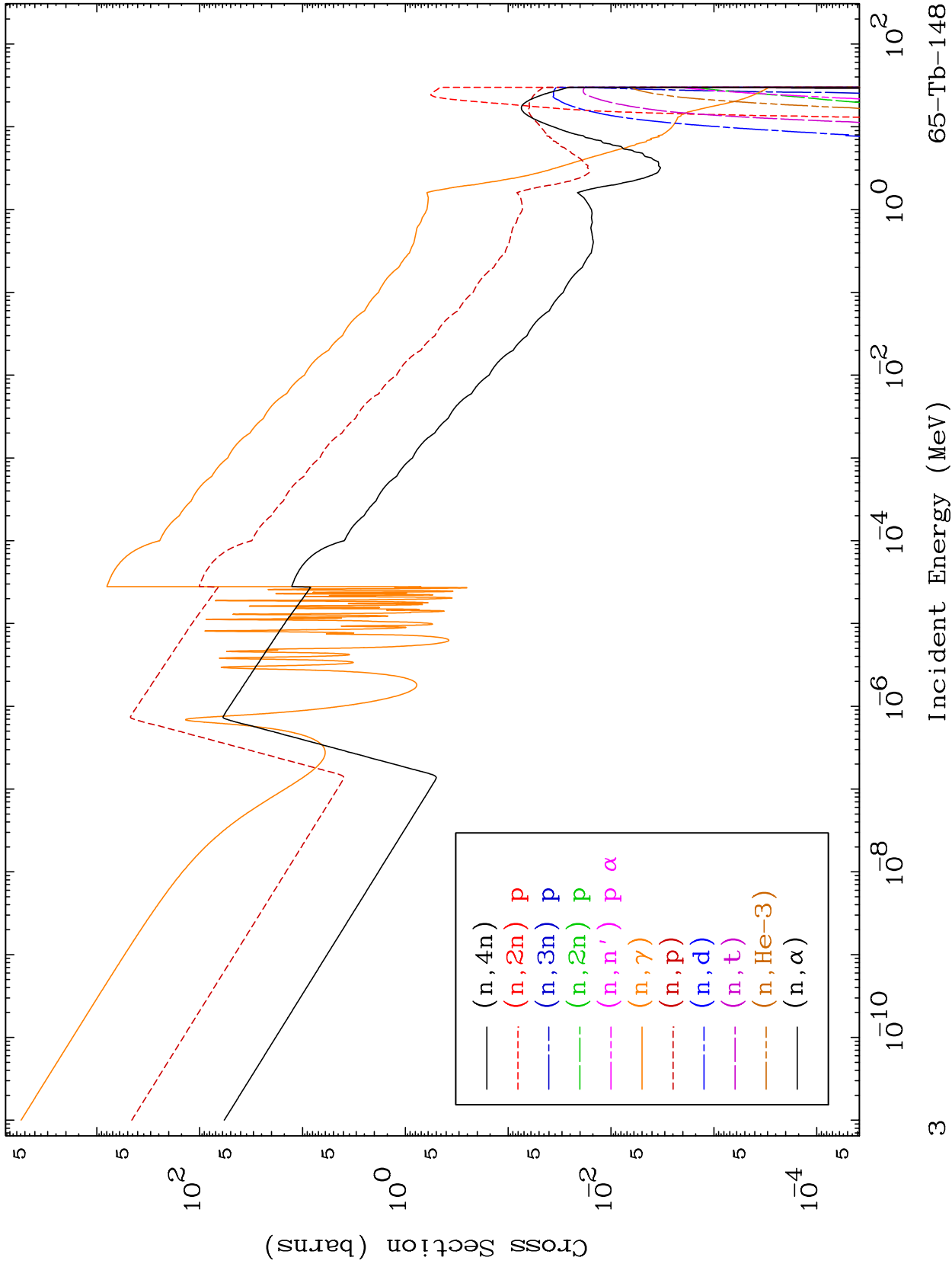
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MAT 6492

Neutron Absorption
293 Kelvin Cross Sections

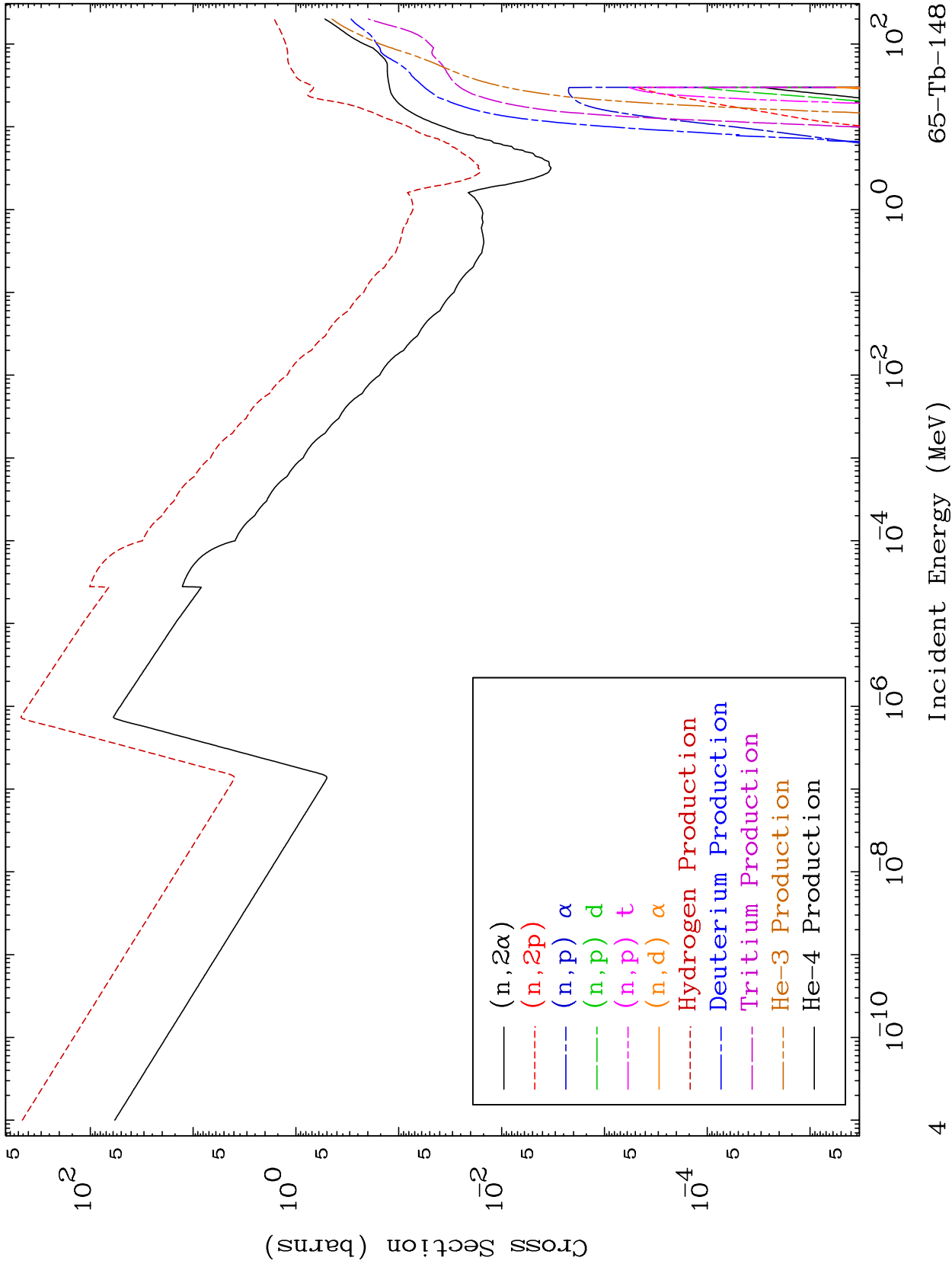
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MAT 6492

Neutron Absorption
293 Kelvin Cross Sections

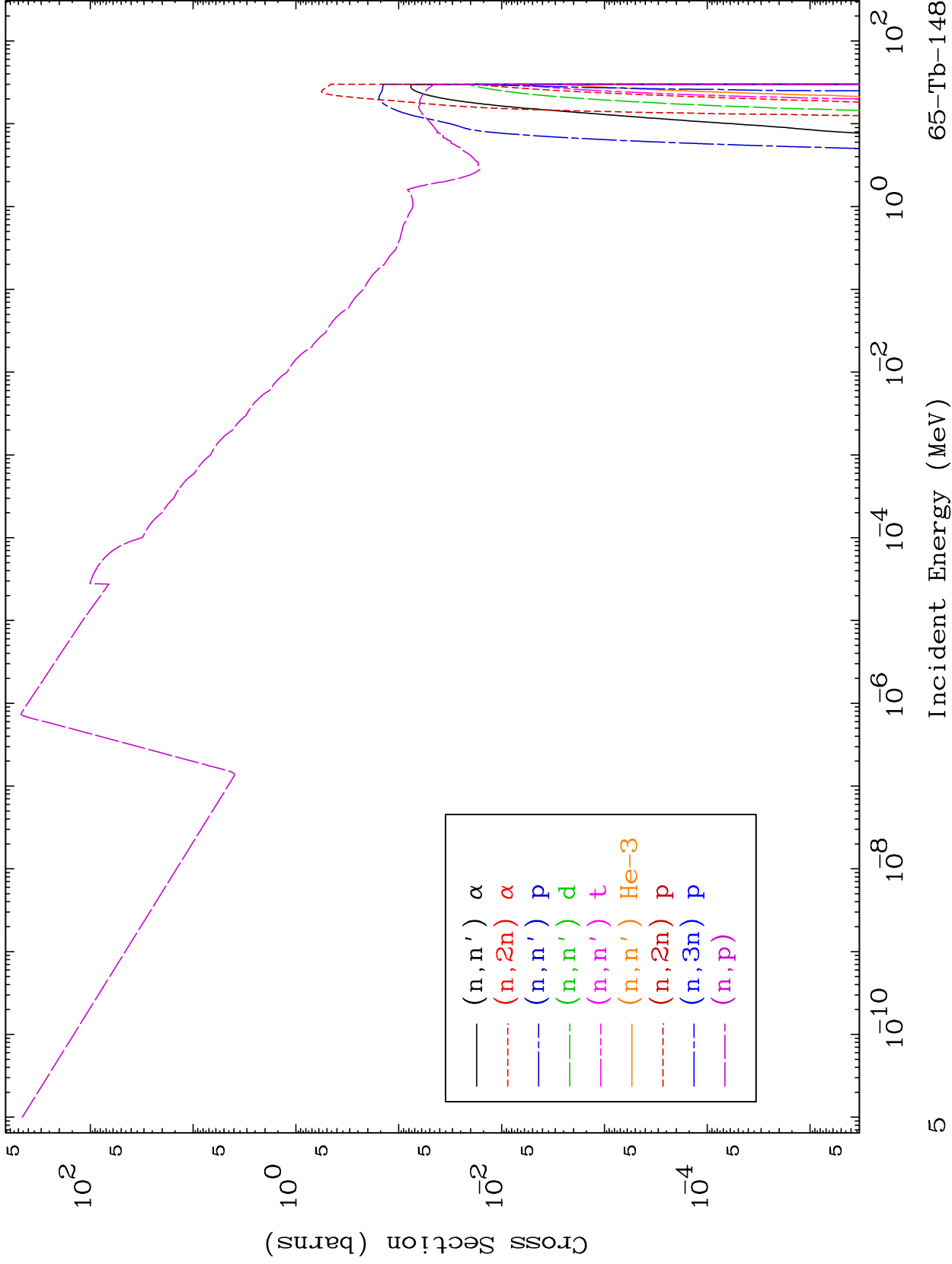
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MAT 6492

Charged Particle
293 Kelvin Cross Sections

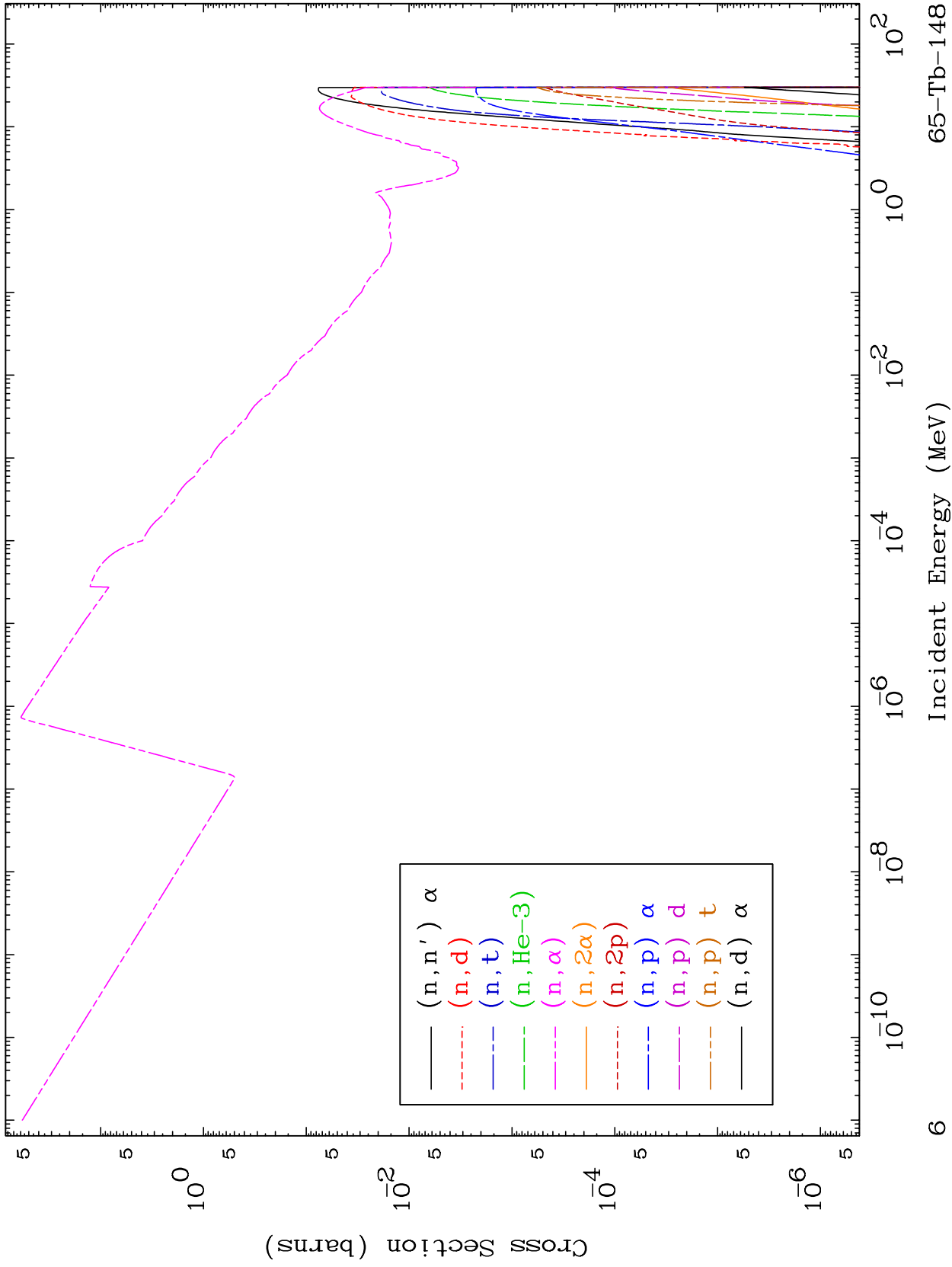
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MAT 6492

Charged Particle
293 Kelvin Cross Sections

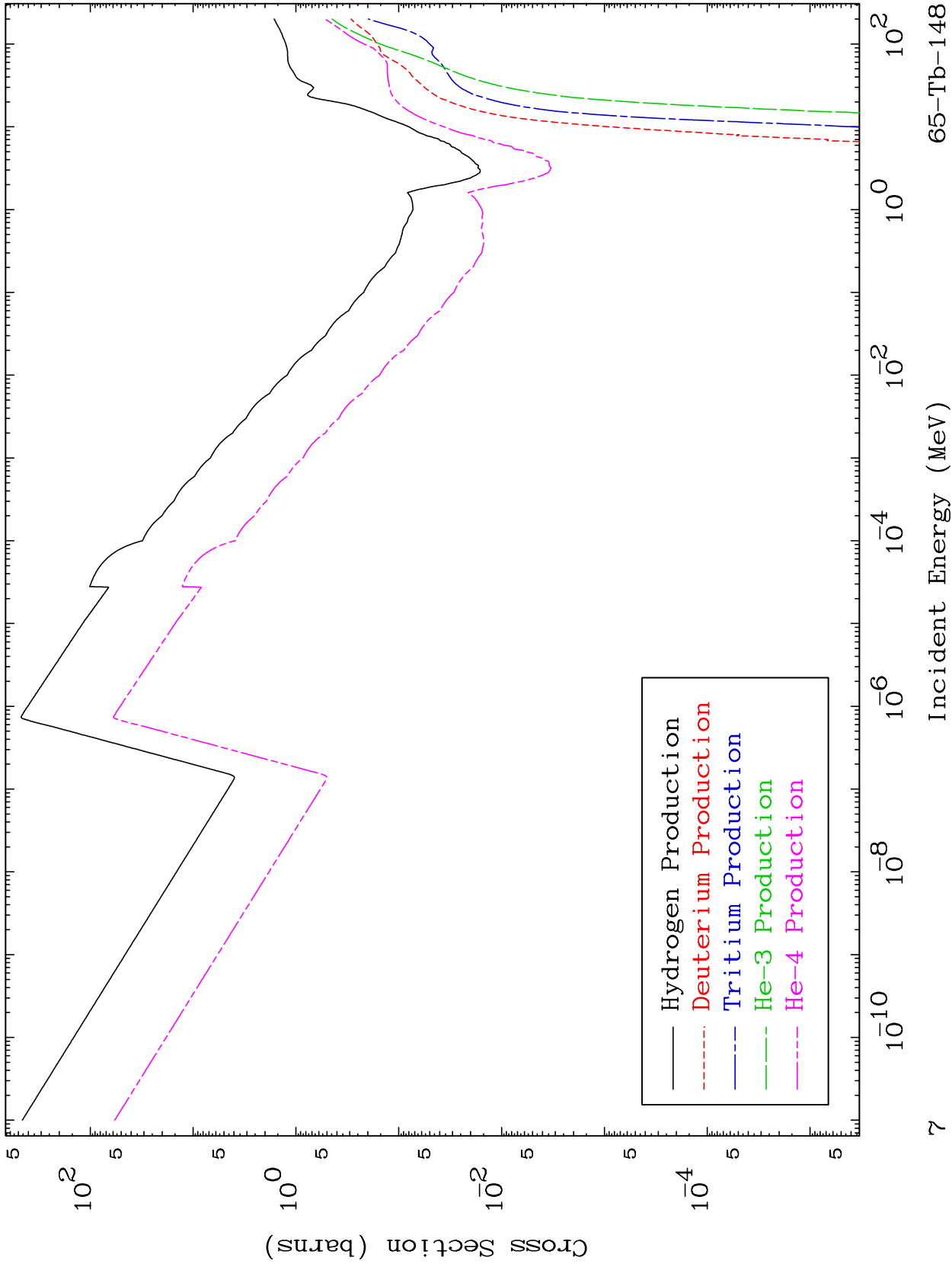
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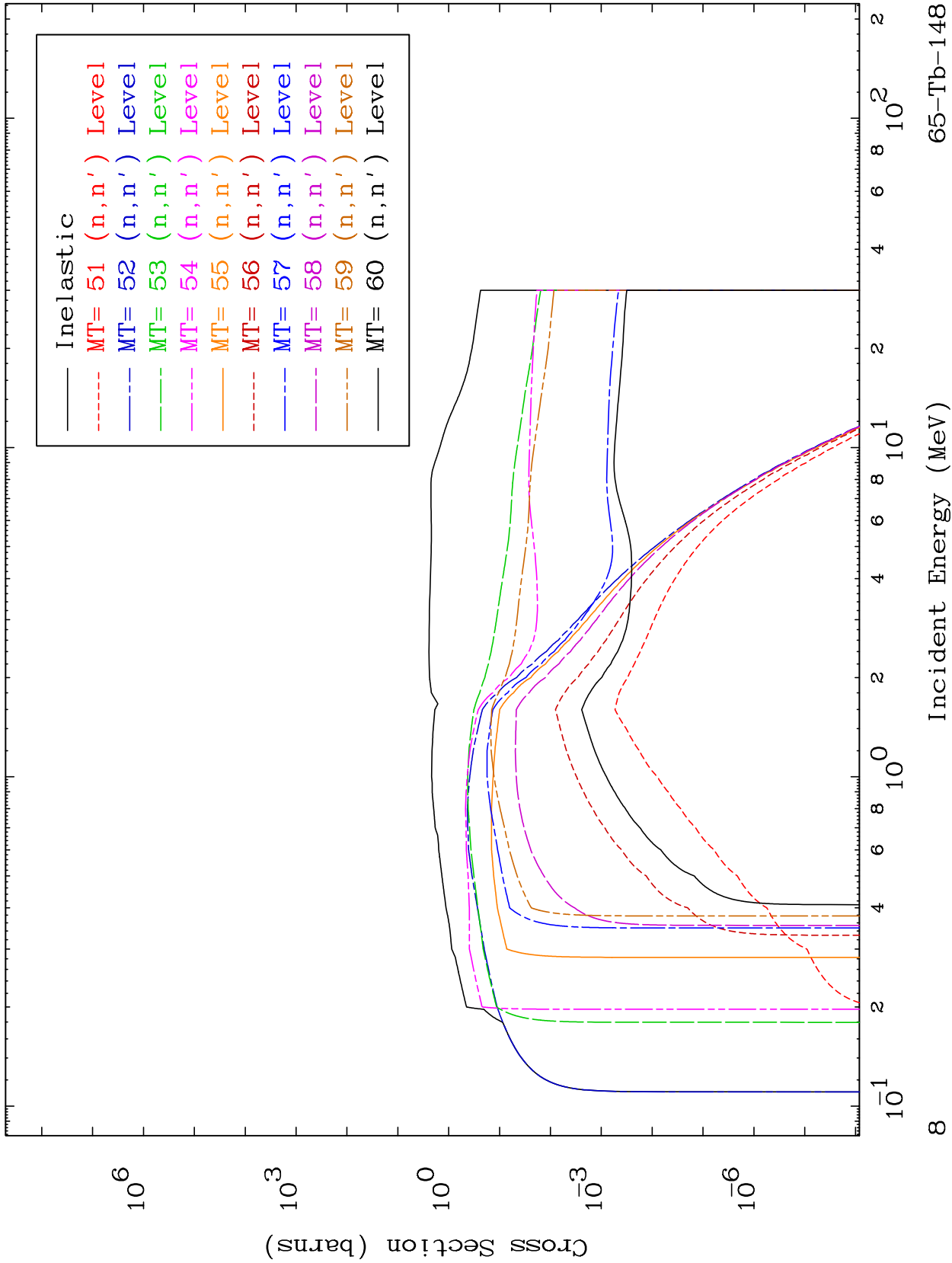


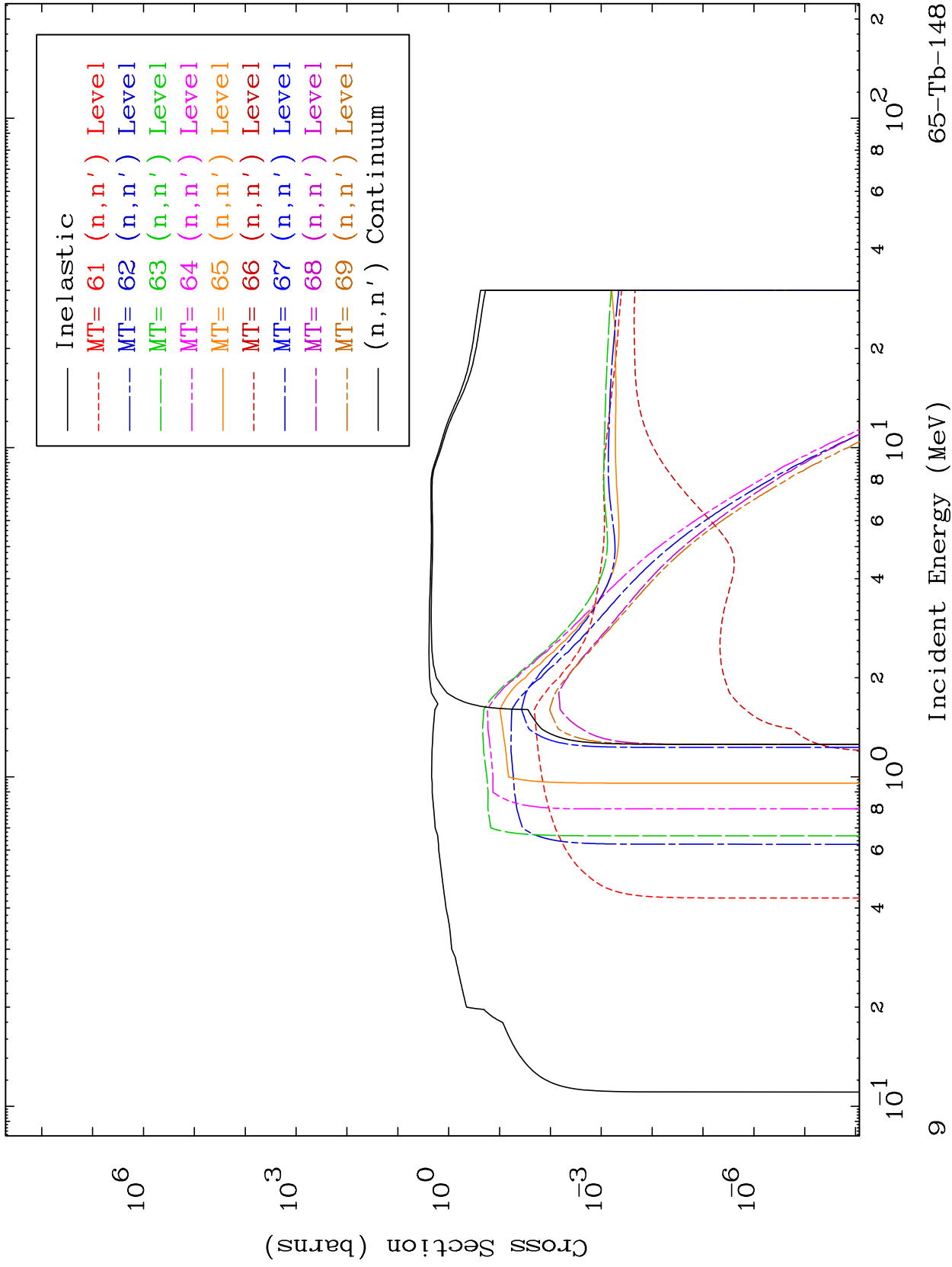
MAT 6492

Particle Production
293 Kelvin Cross Sections

65-Tb-148



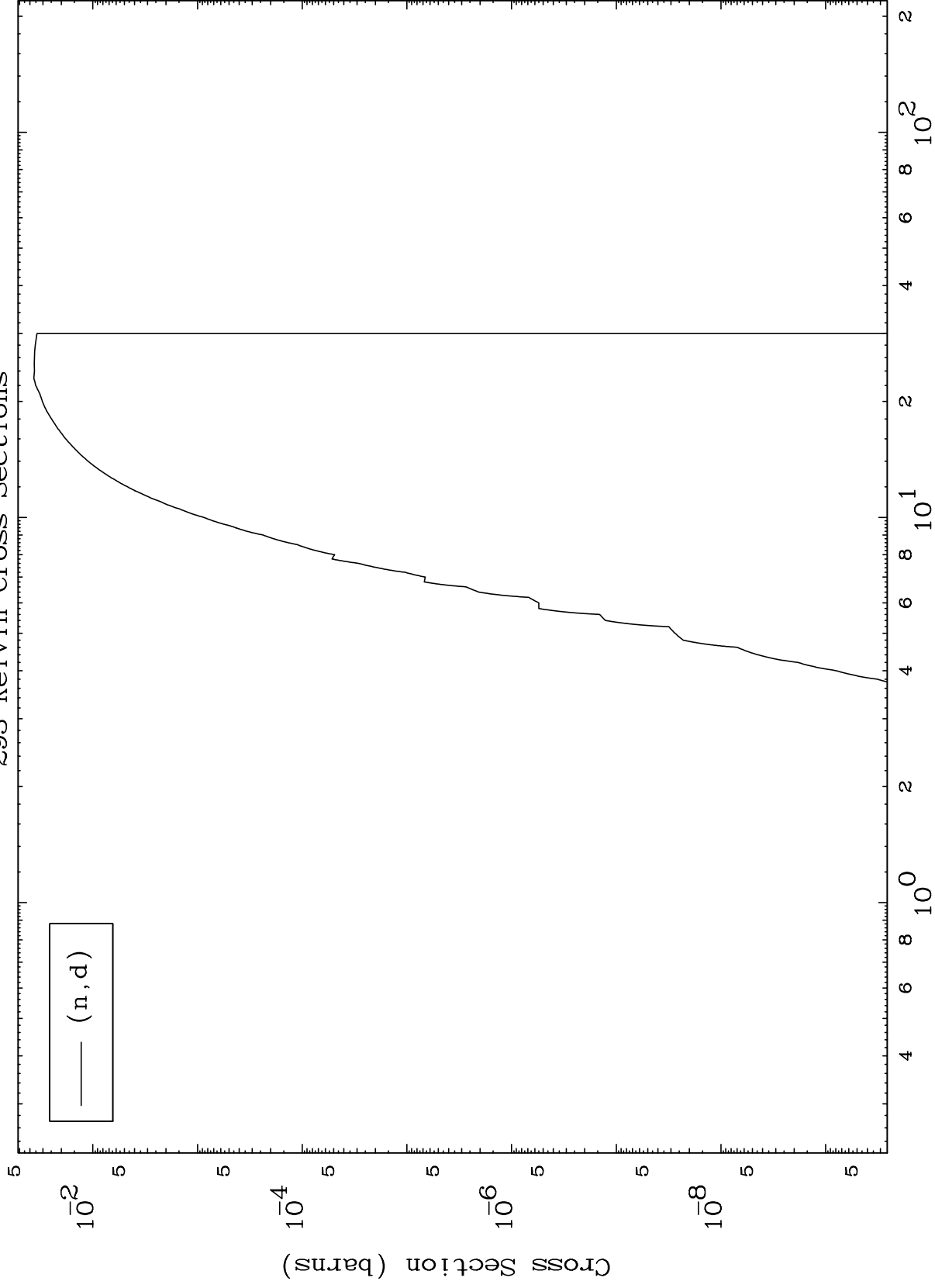




MAT 6492

(n,d) Levels
293 Kelvin Cross Sections

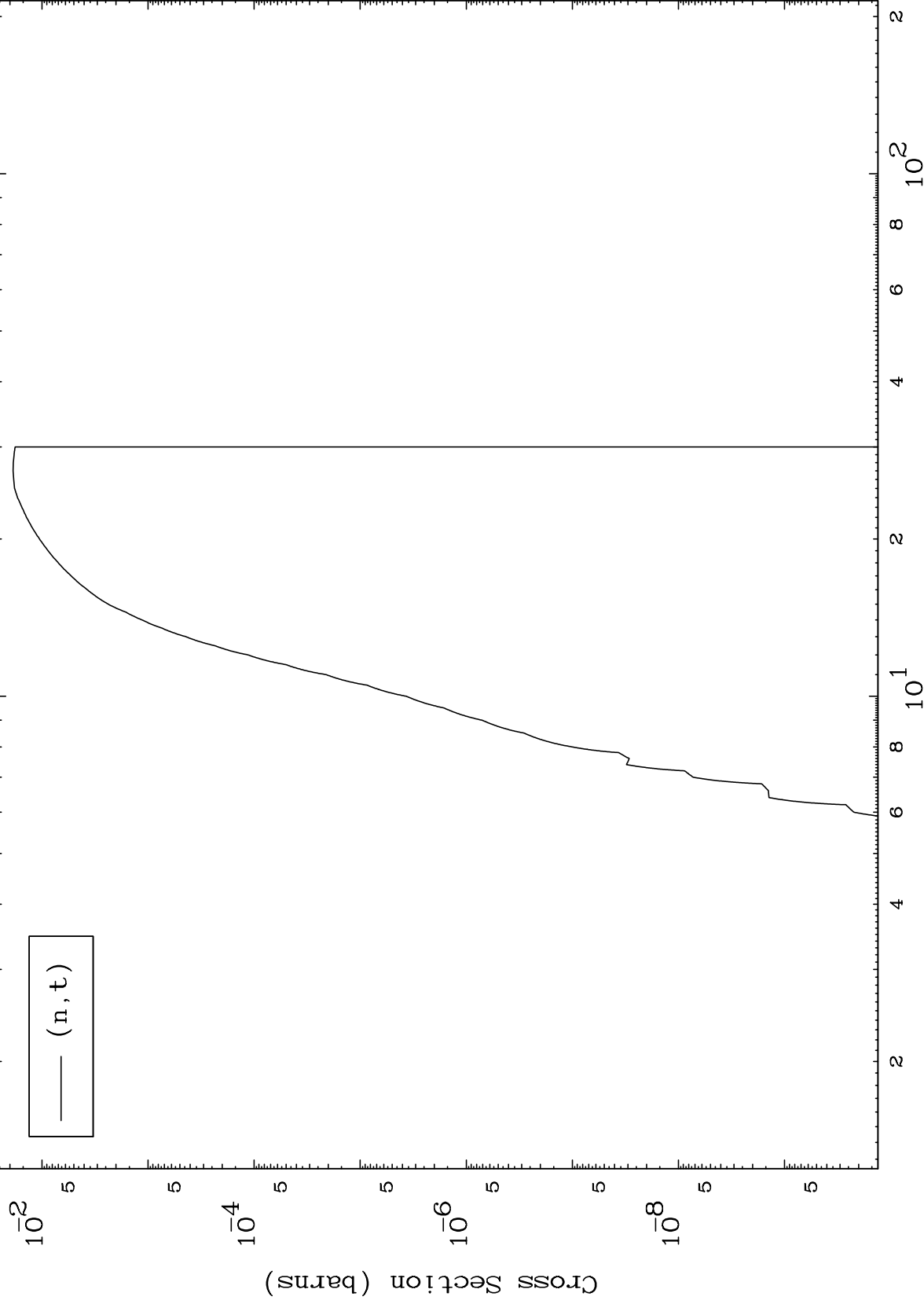
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MAT 6492

(n,t) Levels
293 Kelvin Cross Sections

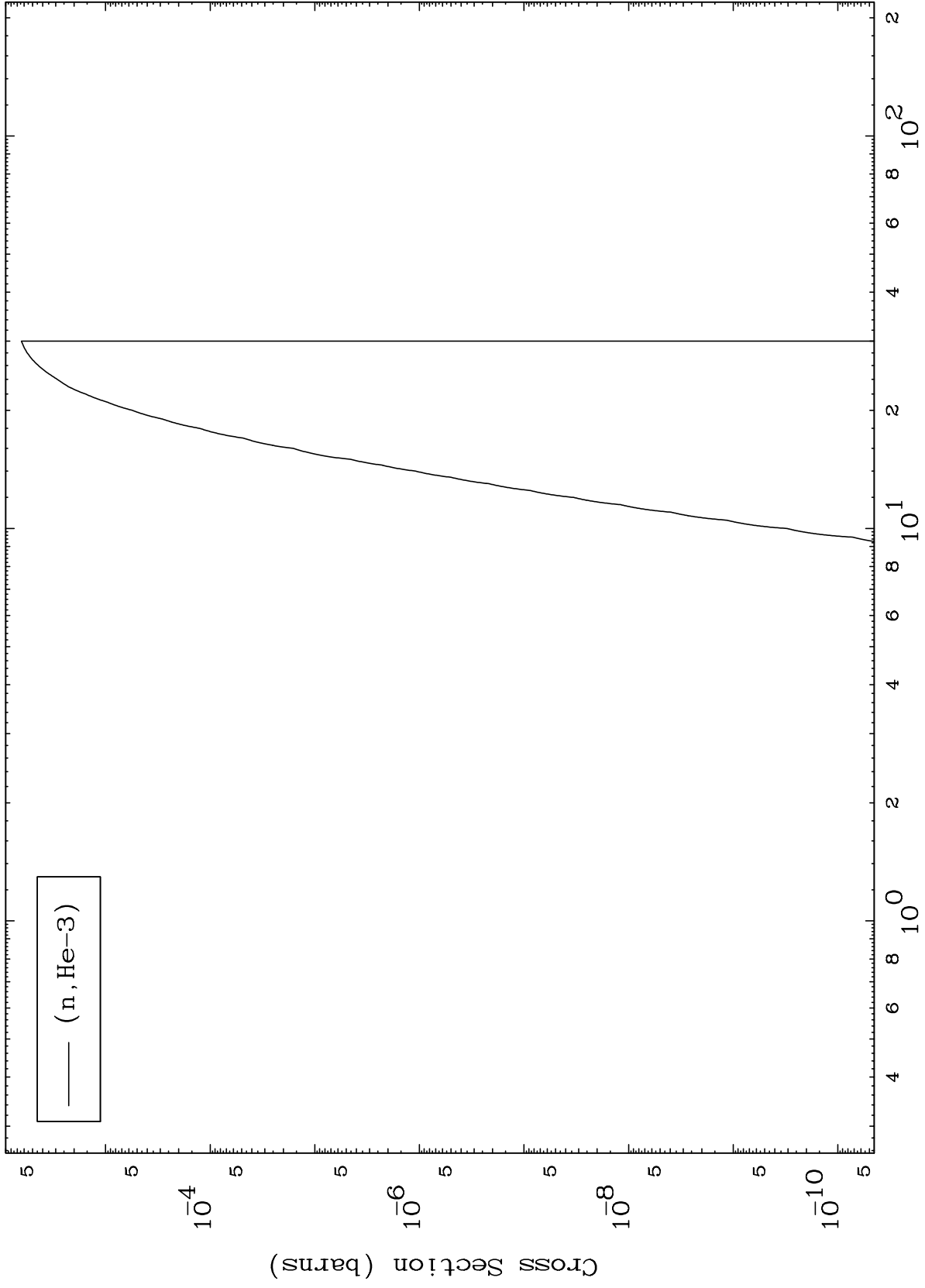
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MAT 6492

(n,He3) Levels
293 Kelvin Cross Sections

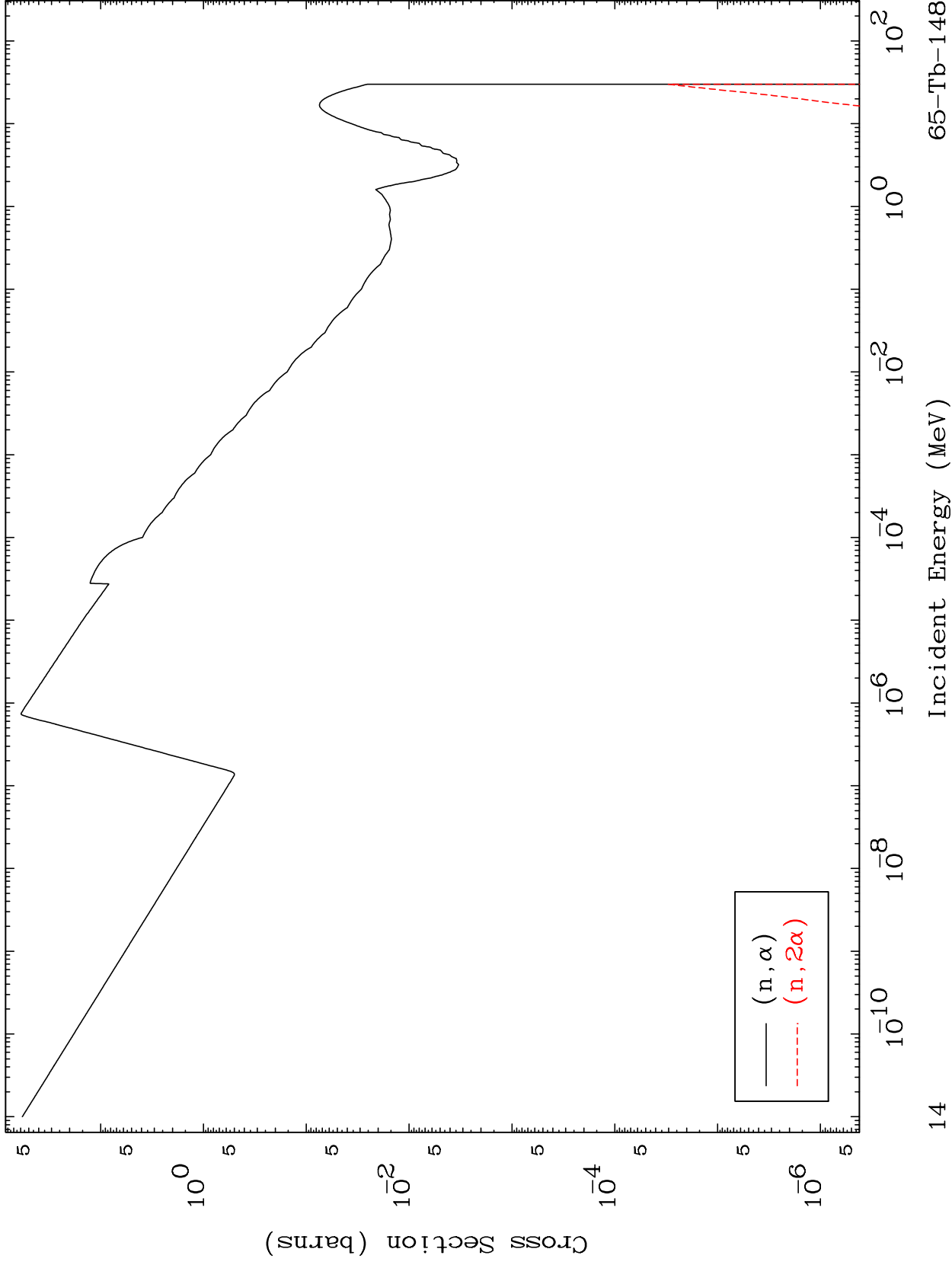
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MAT 6492

(n, α) Levels
293 Kelvin Cross Sections

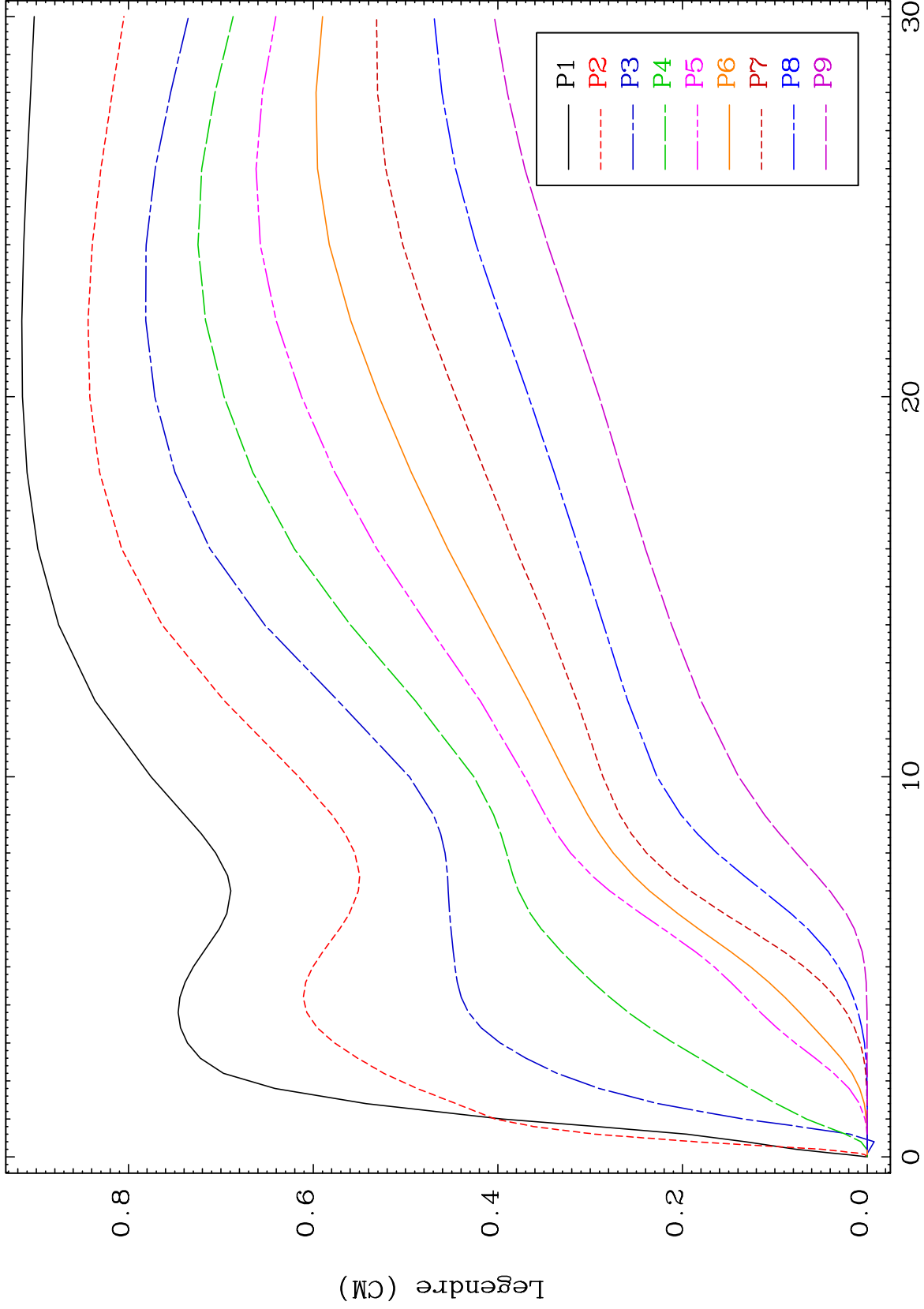
65-Tb-148



MAT 6492

Elastic Legendre Coefficients

65-Tb-148



0

15

Incident Energy (MeV)

10

20

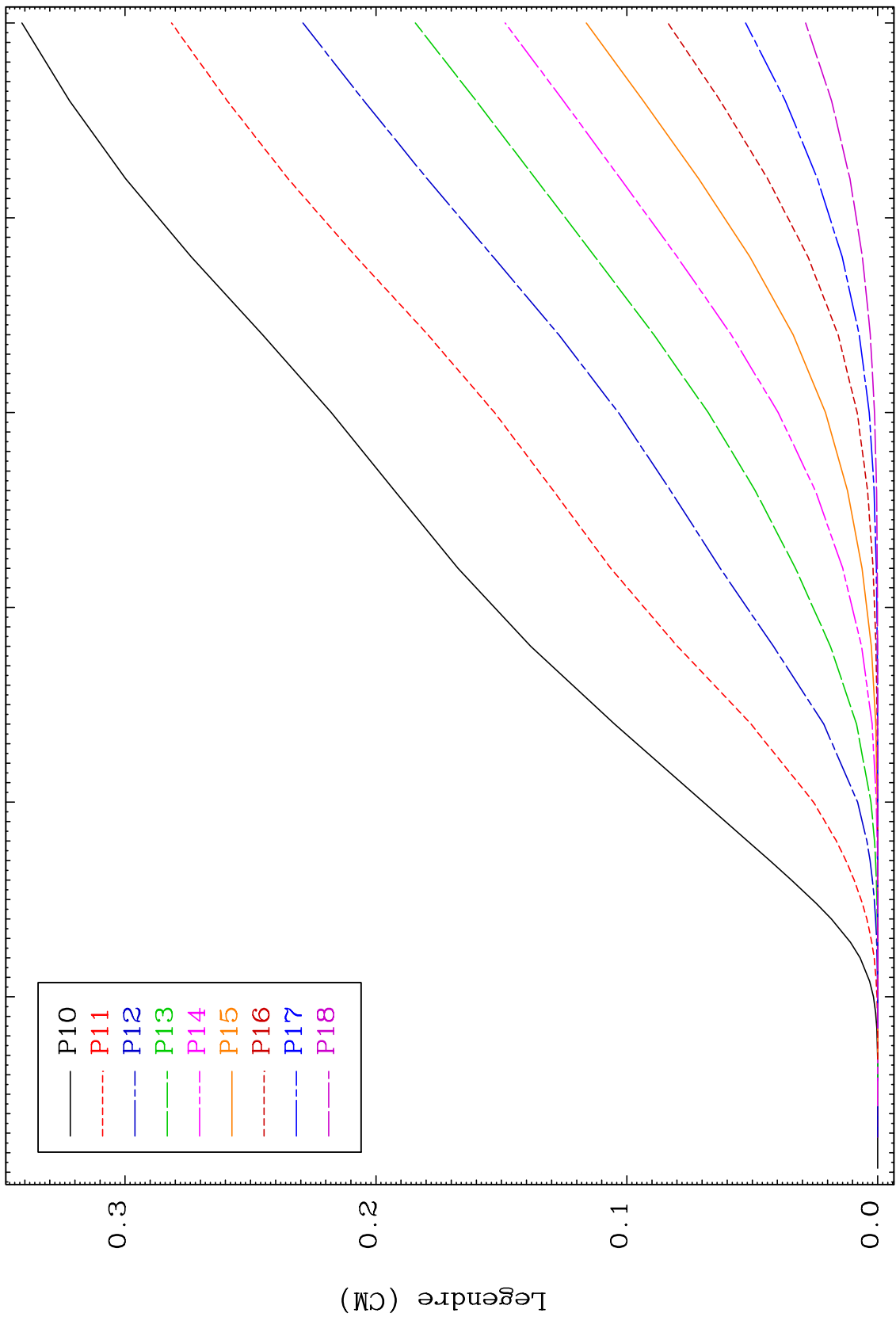
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65-Tb-148

MAT 6492

Elastic Legendre Coefficients

65-Tb-148



16

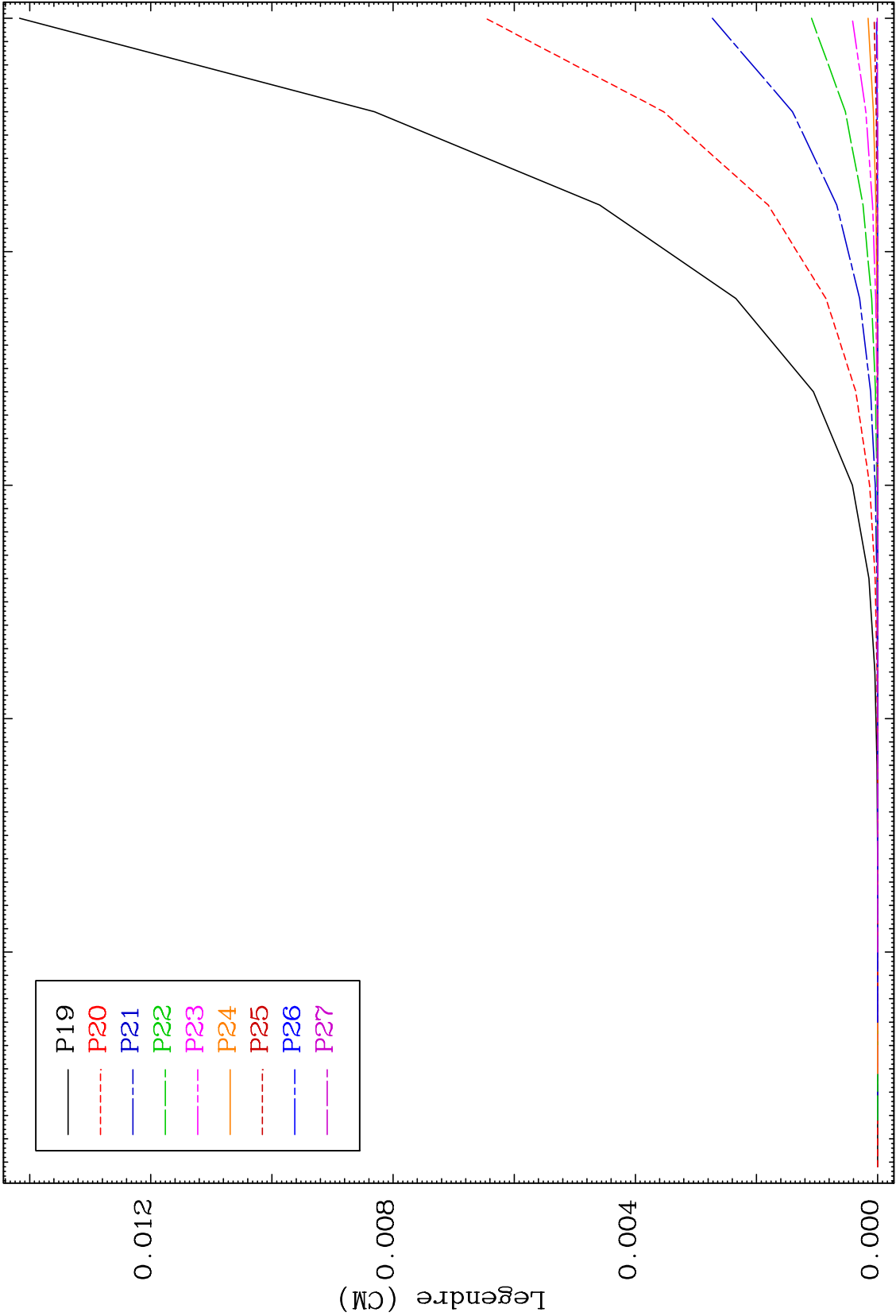
Incident Energy (MeV)

65-Tb-148

MAT 6492

Elastic Legendre Coefficients

65-Tb-148



17

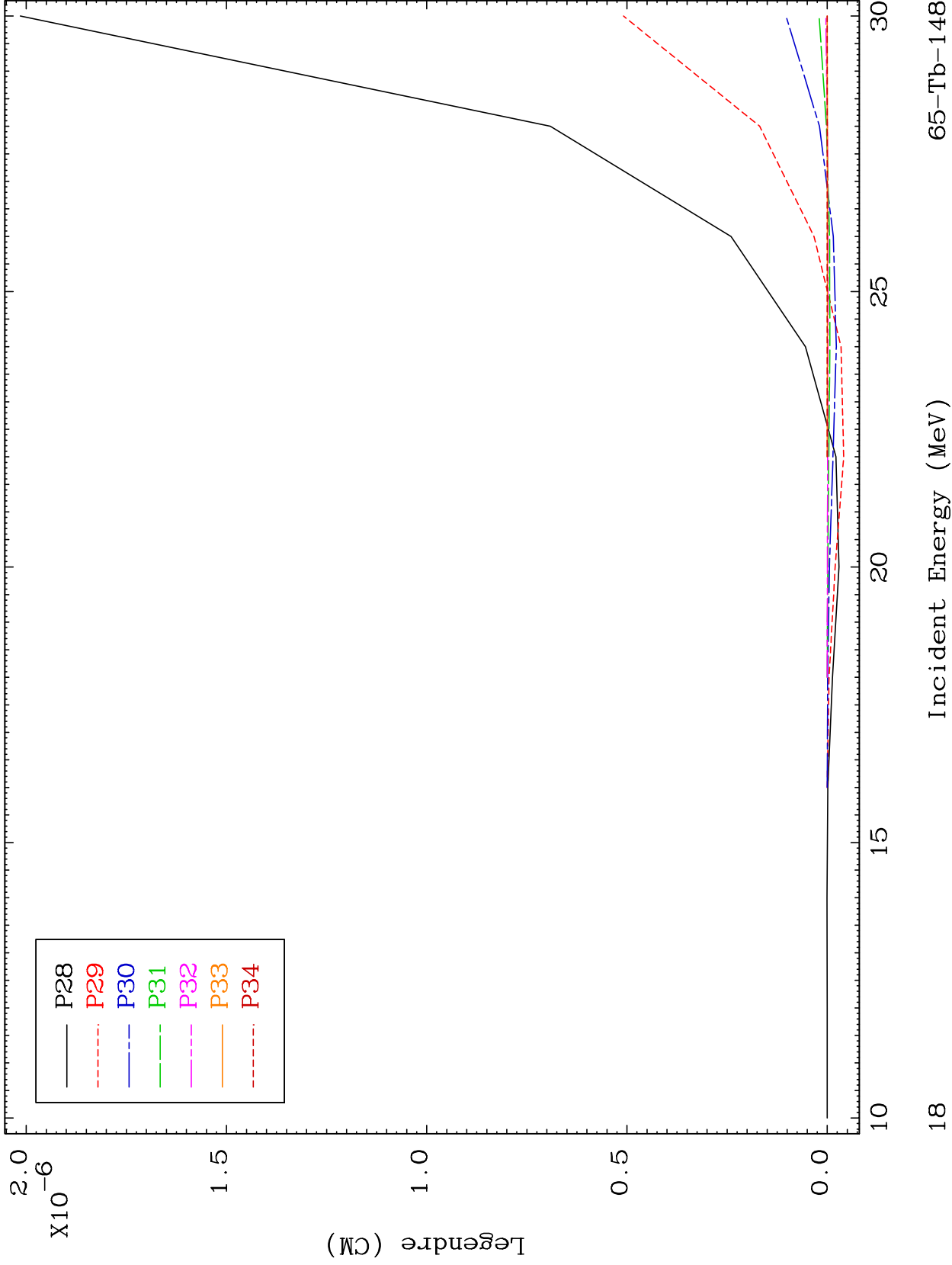
Incident Energy (MeV)

65-Tb-148

MAT 6492

Elastic Legendre Coefficients

65-Tb-148



65-Tb-148

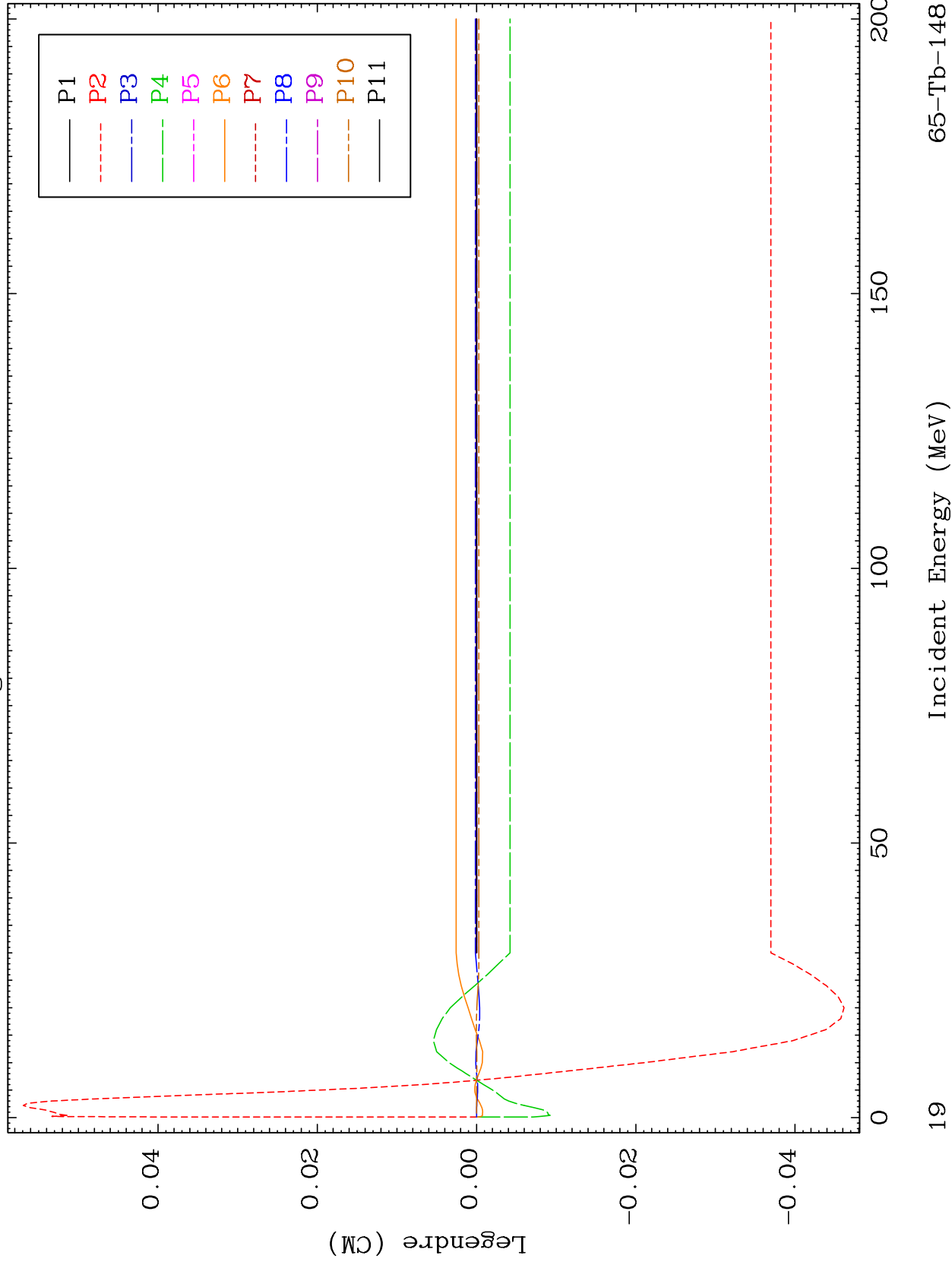
Incident Energy (MeV)

18

MAT 6492

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

65-Tb-148



65-Tb-148

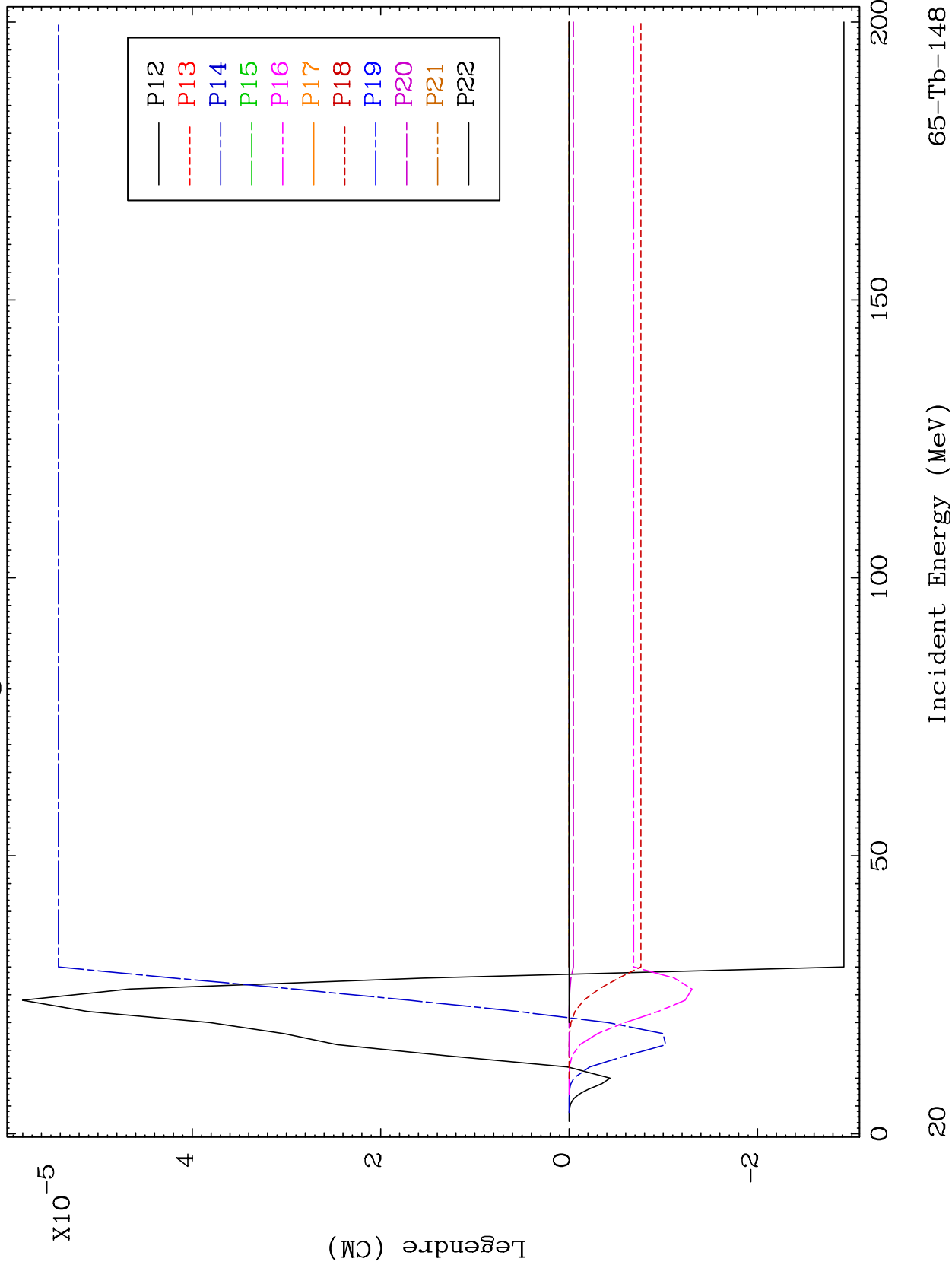
Incident Energy (MeV)

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MAT 6492

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

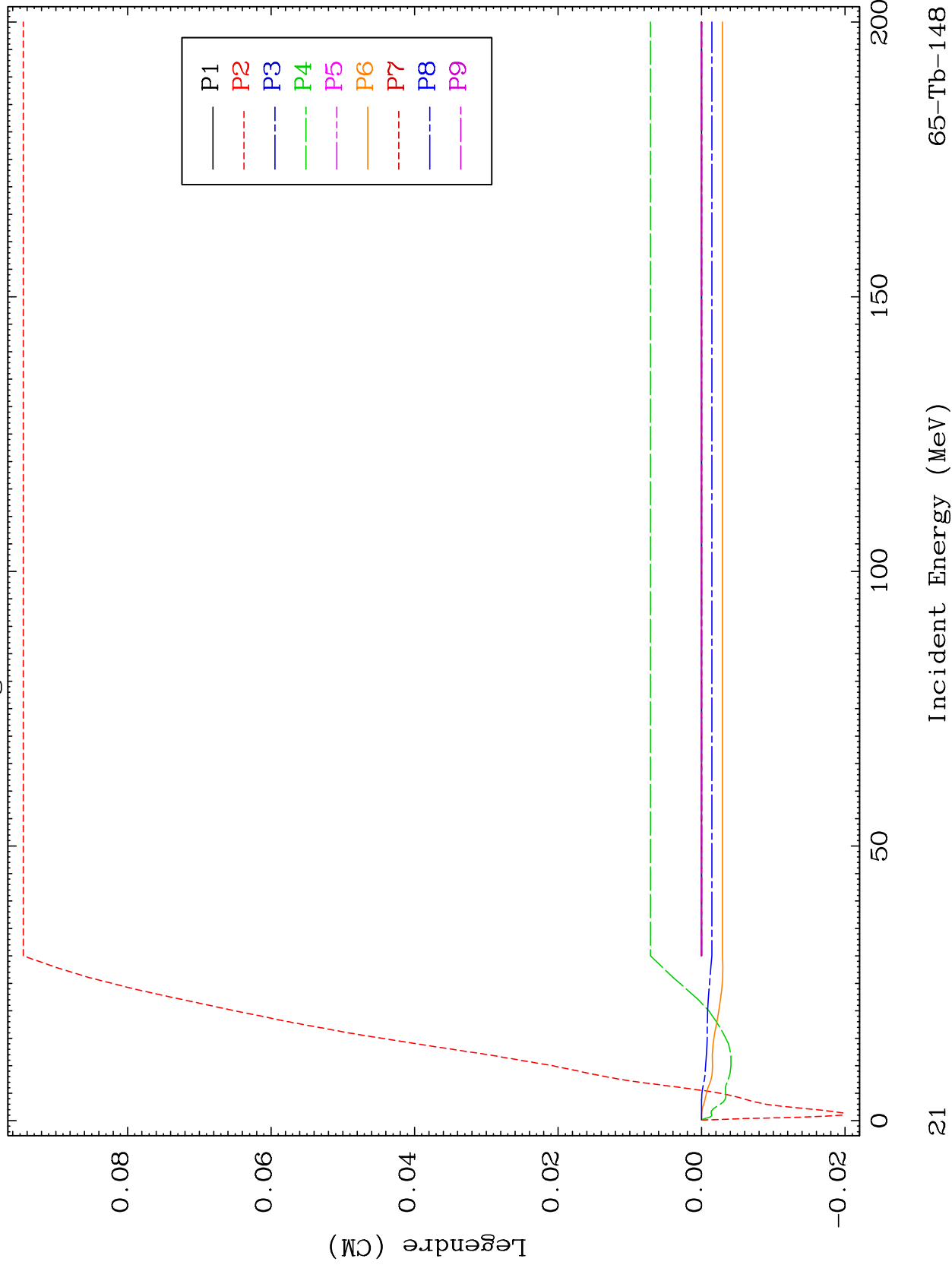
65-Tb-148



MAT 6492

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

65-Tb-148



65-Tb-148

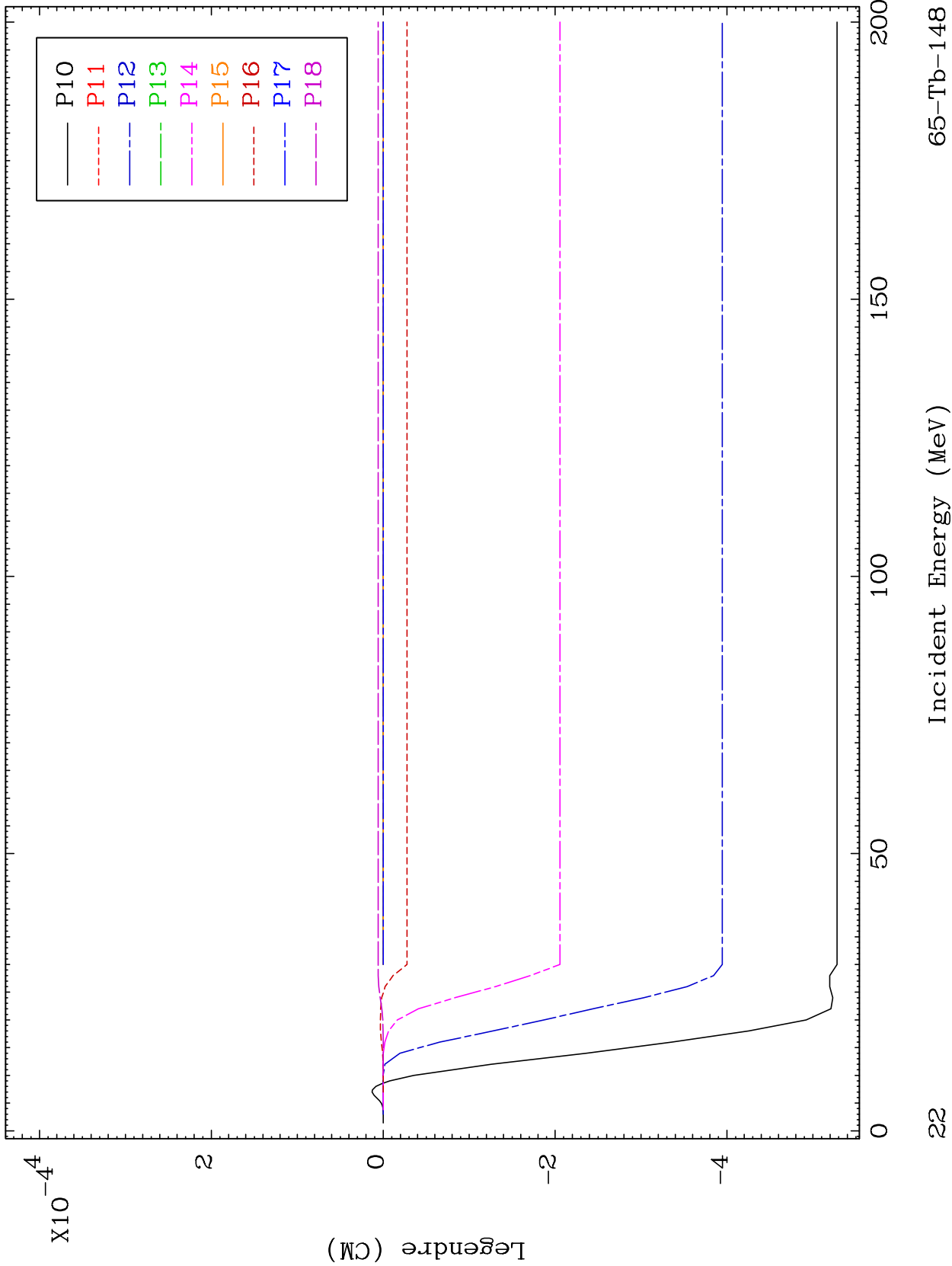
Incident Energy (MeV)

21

MAT 6492

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

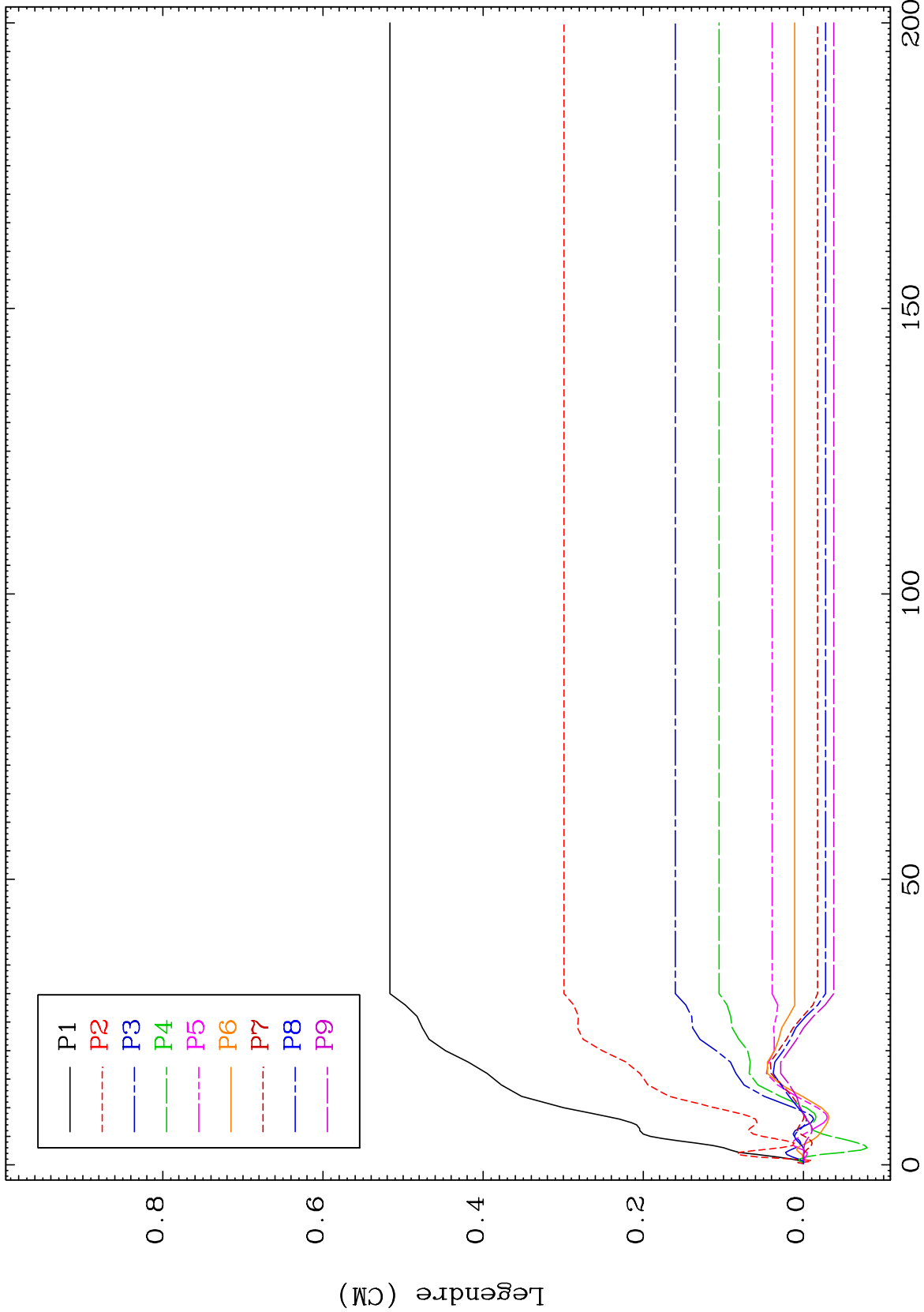
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MAT 6492

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

65-Tb-148



24

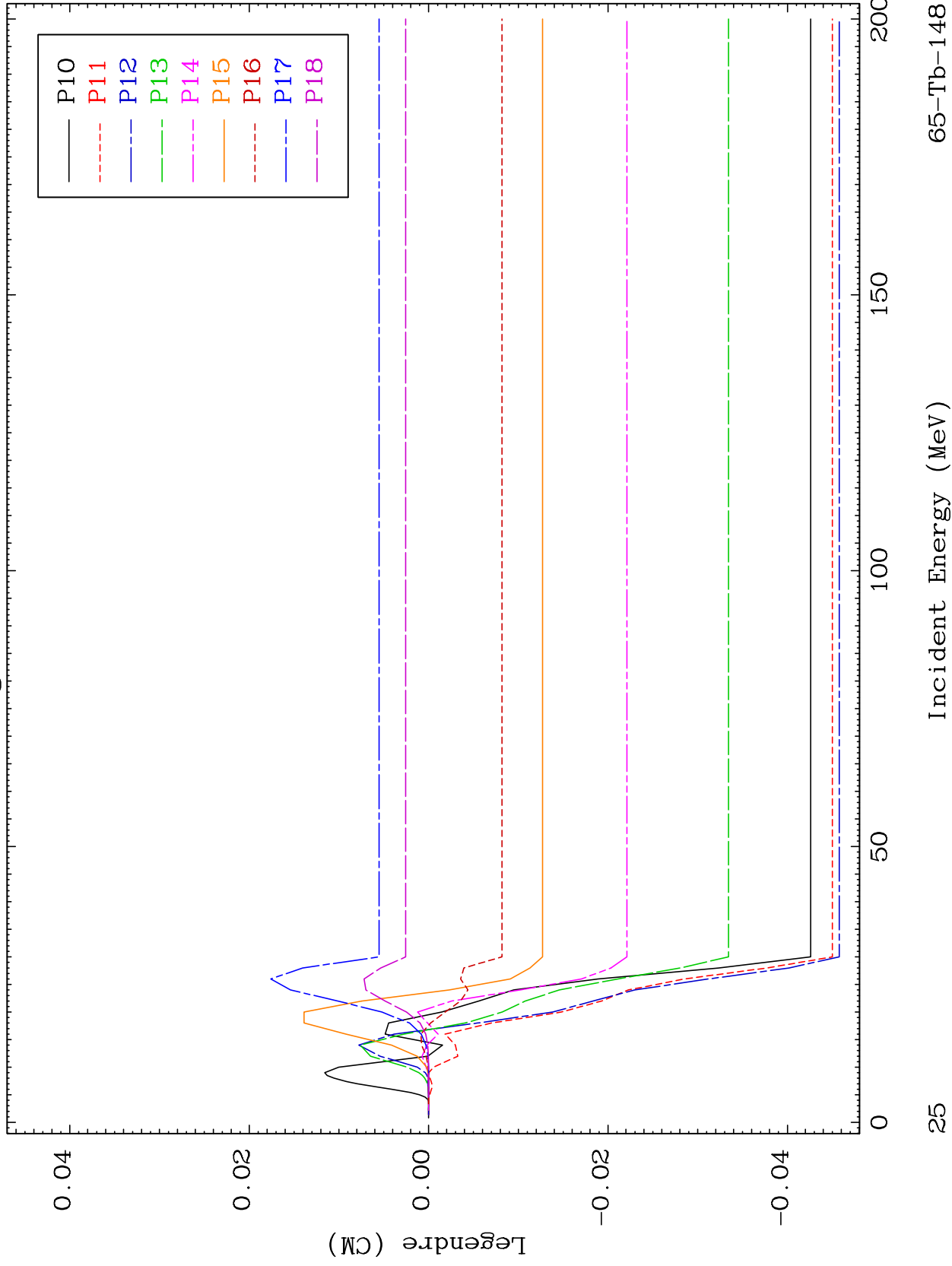
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

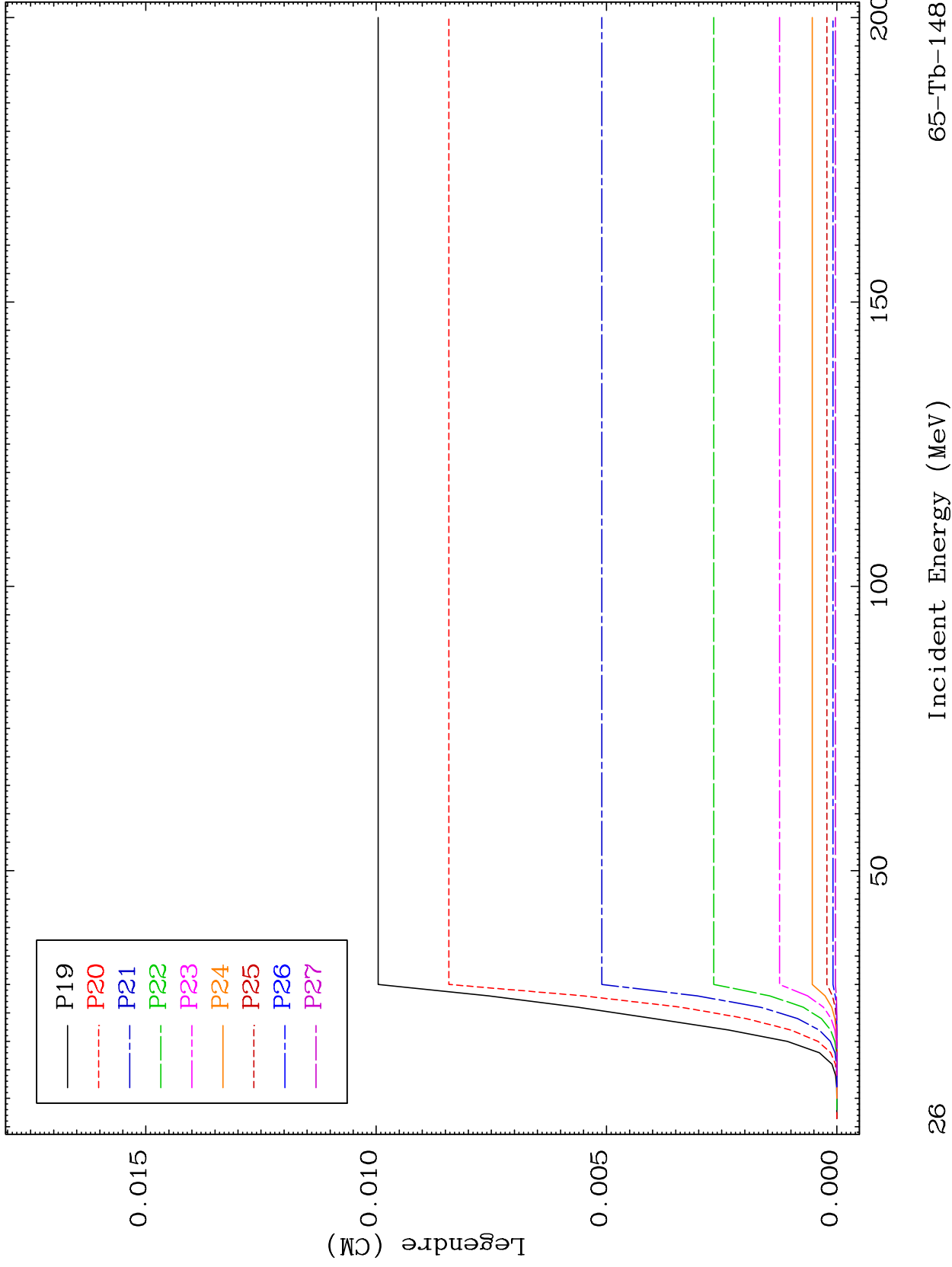
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65-Tb-148

Incident Energy (MeV)

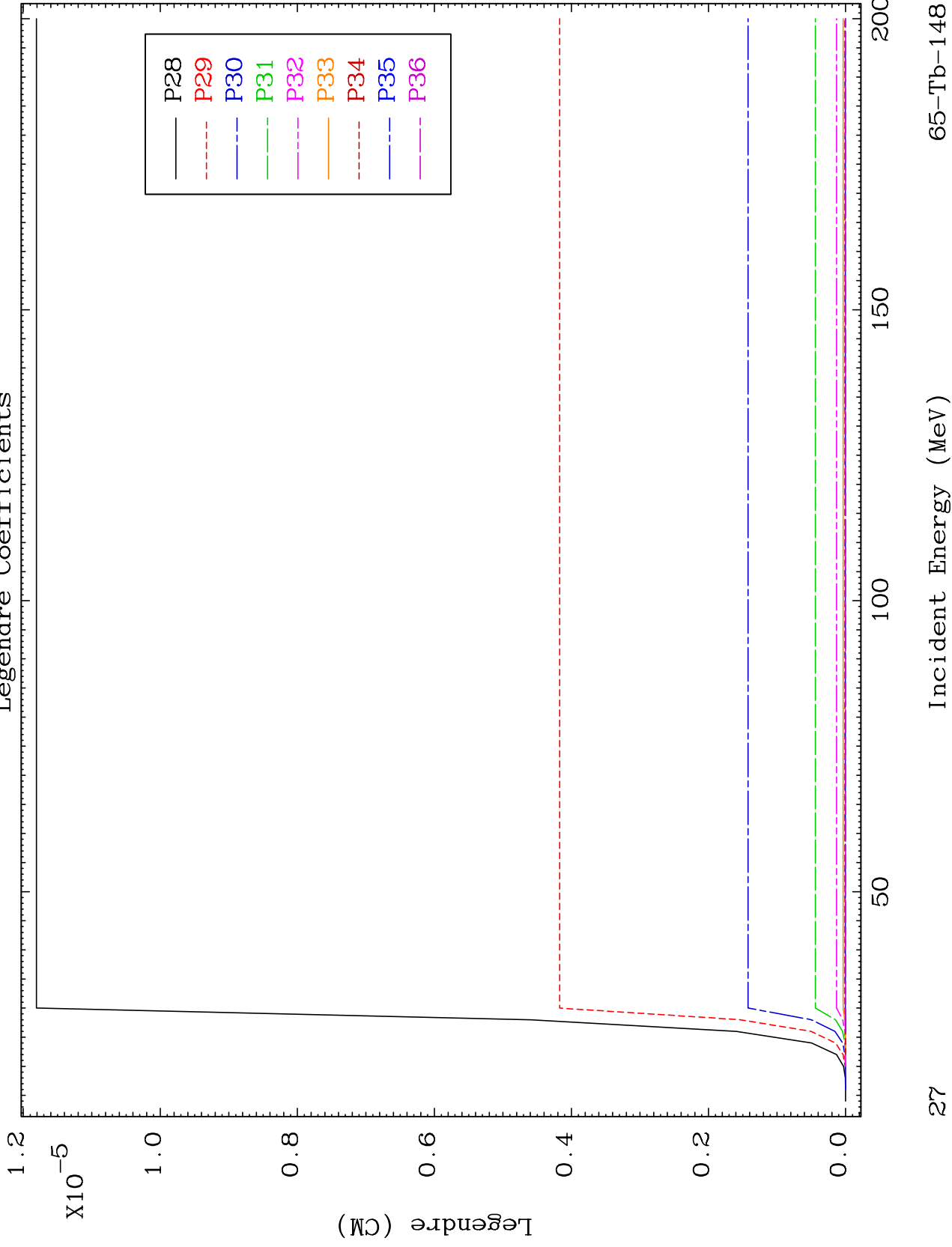
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MAT 6492

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

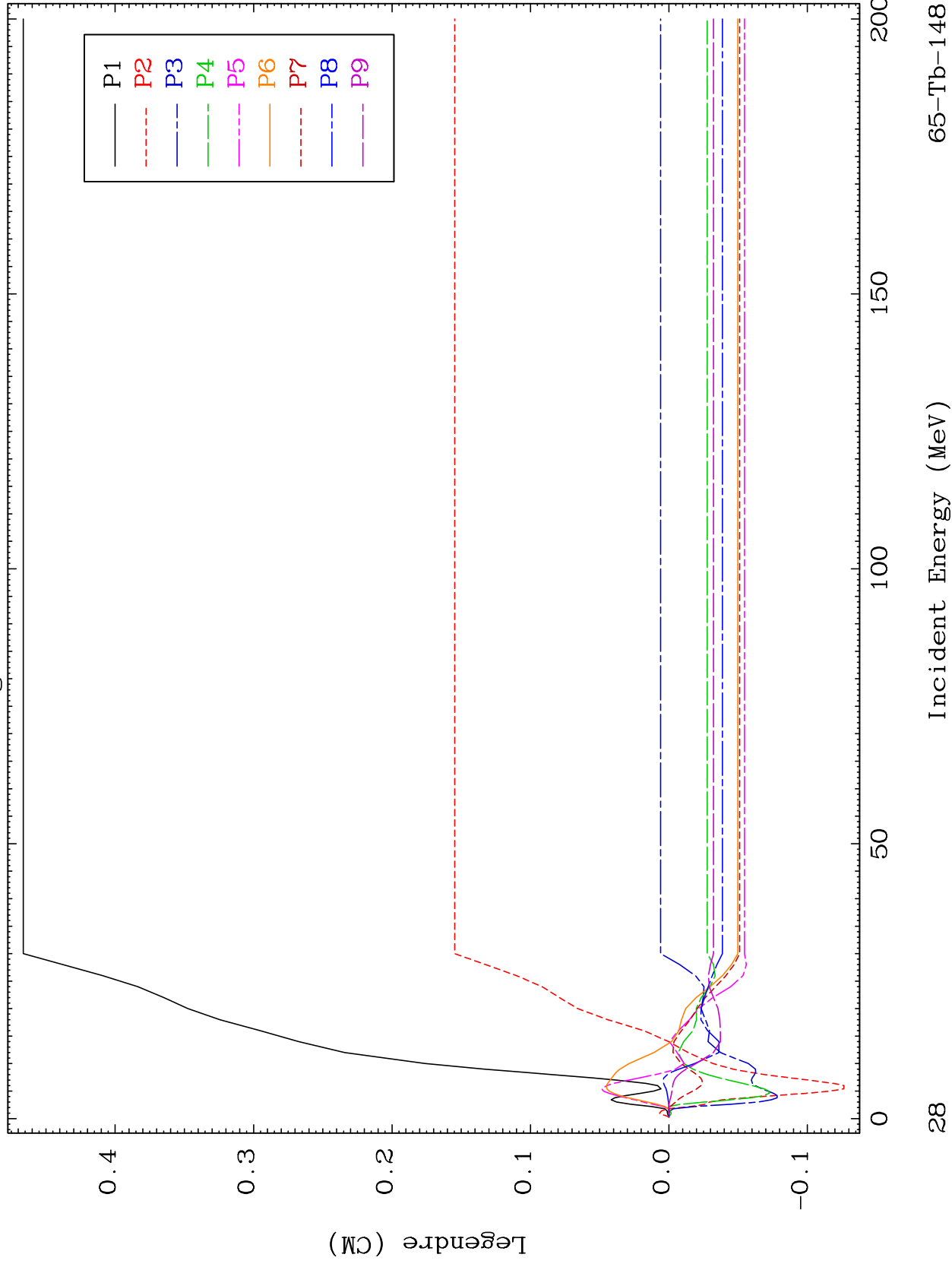
65-Tb-148



MAT 6492

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

65-Tb-148



65-Tb-148

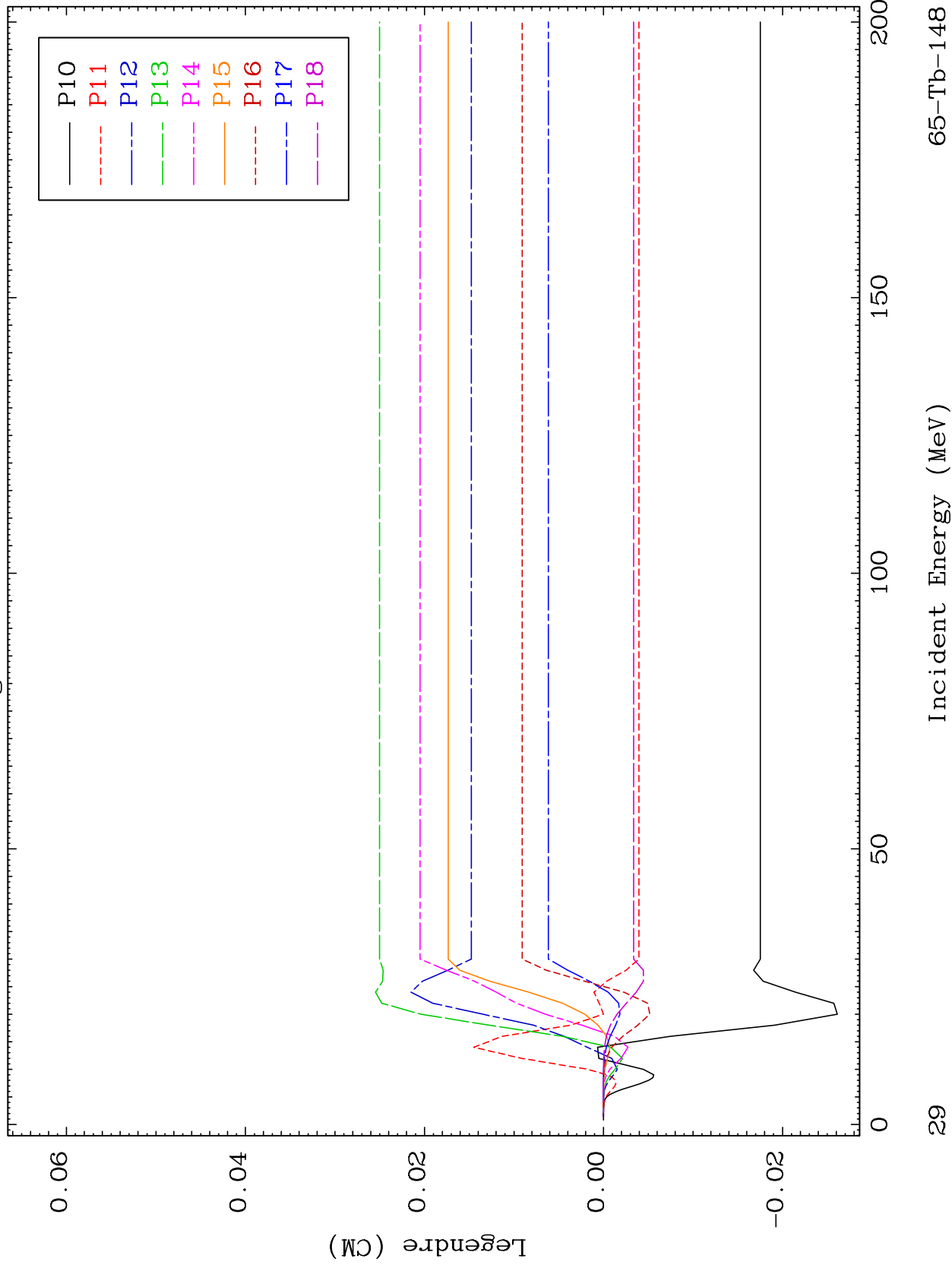
Incident Energy (MeV)

28

MAT 6492

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

65-Tb-148



29

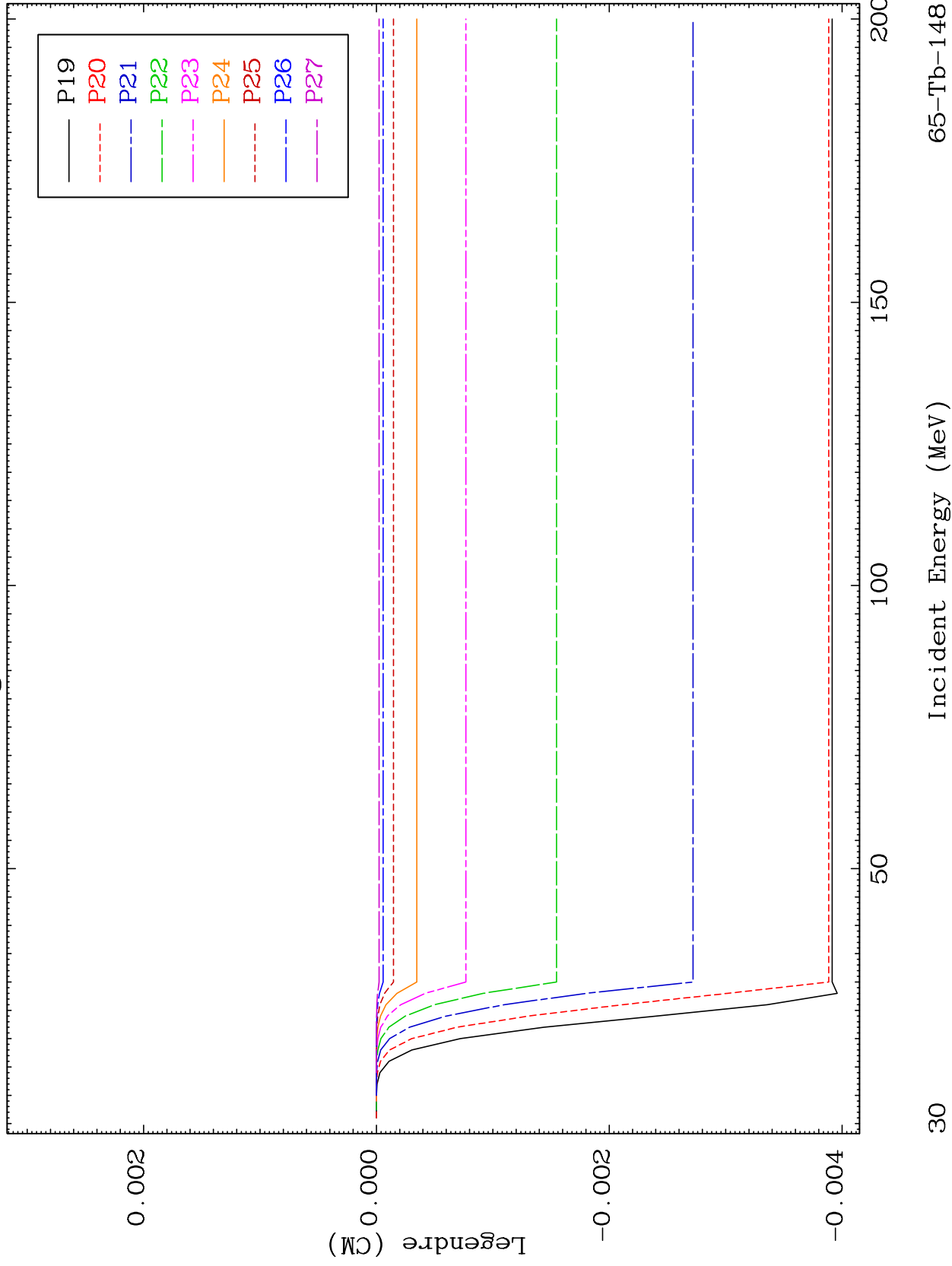
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

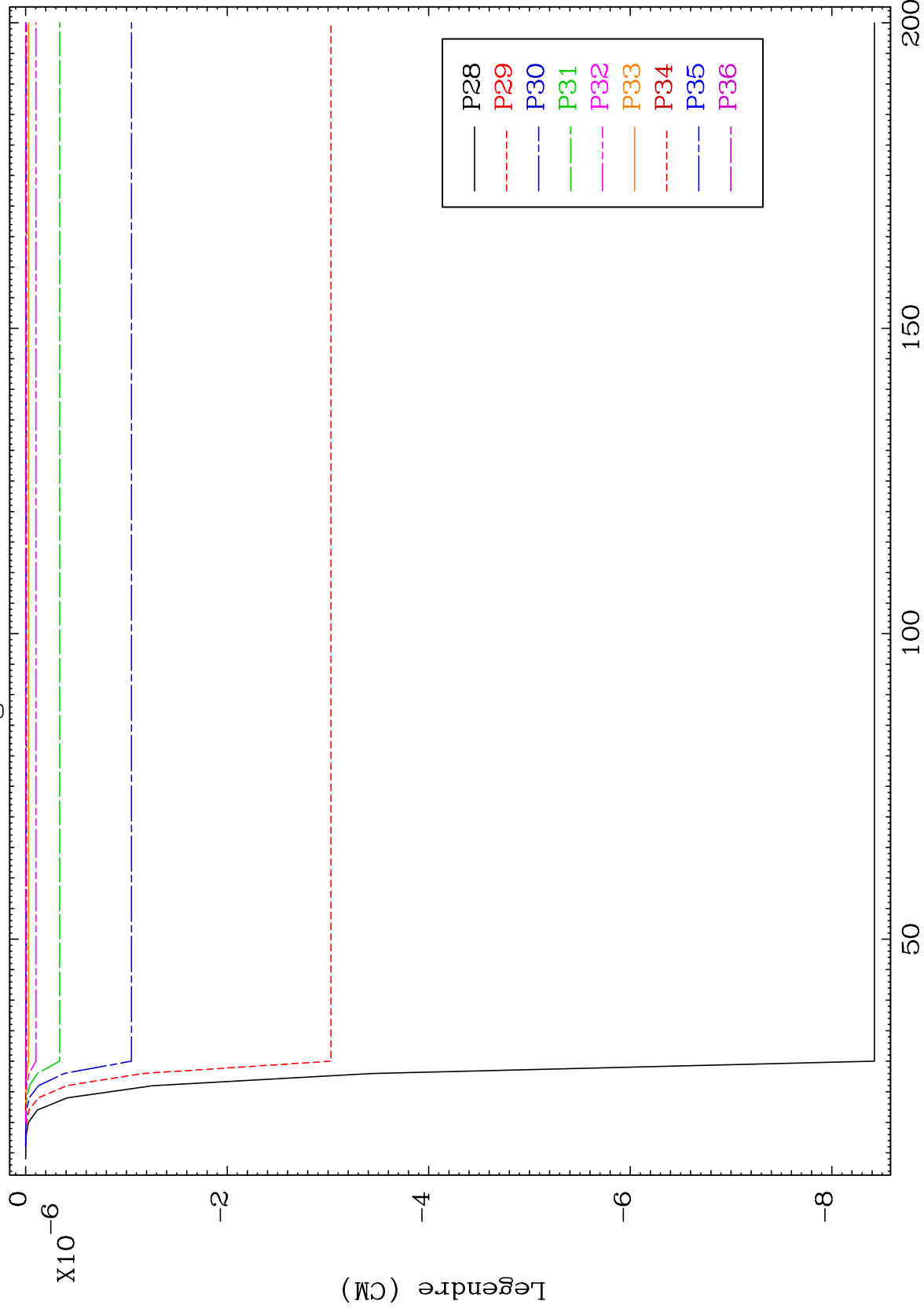
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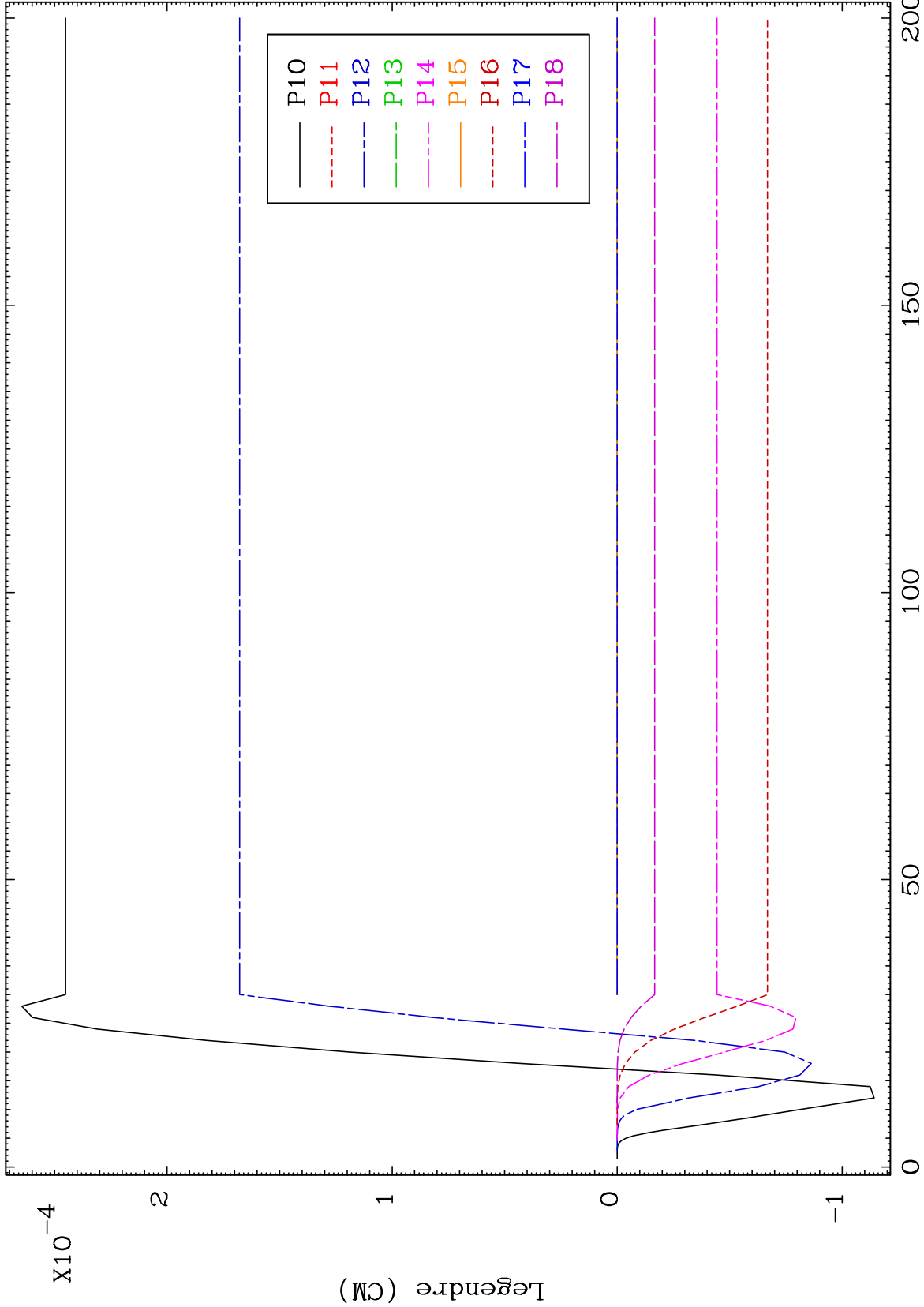


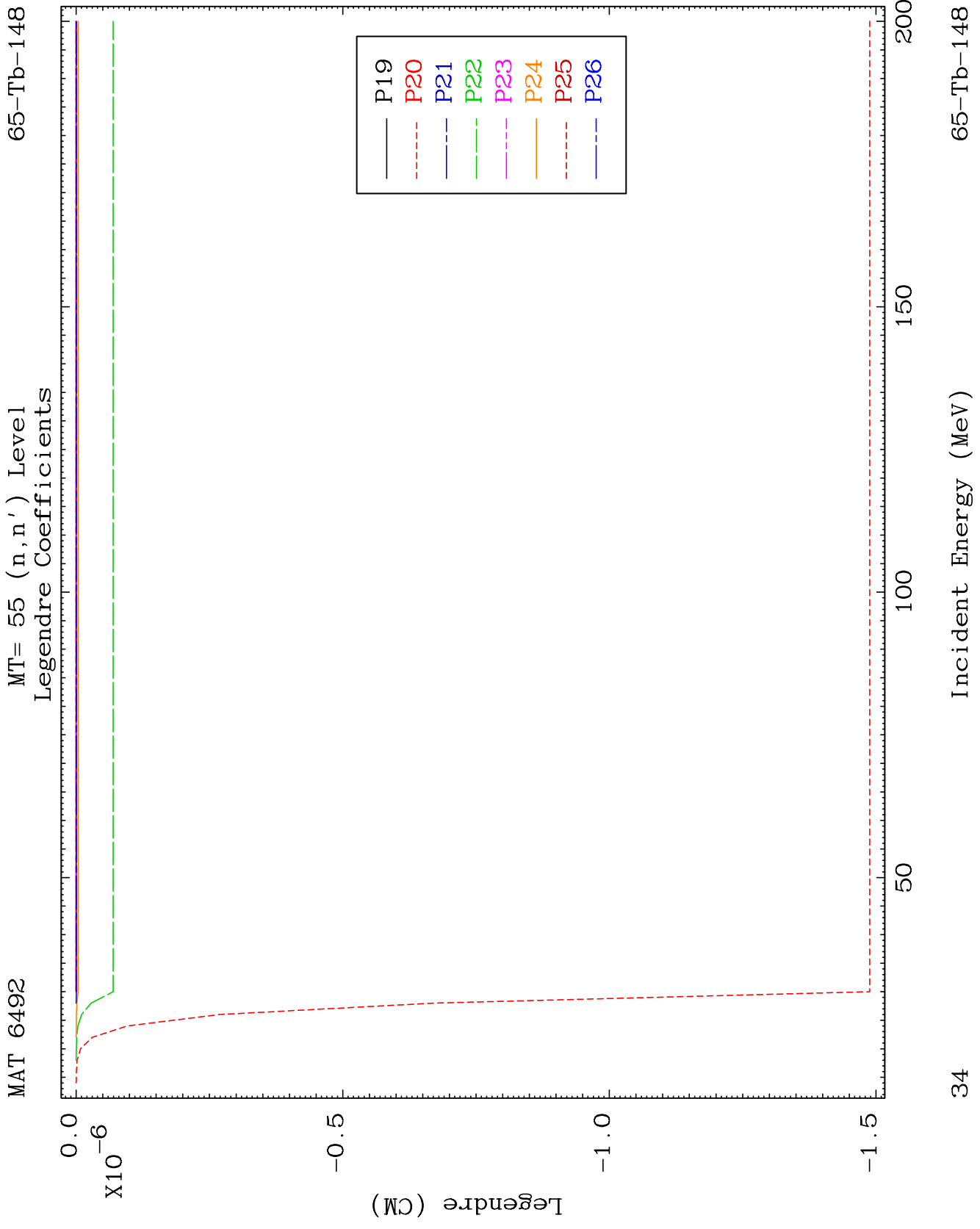
MAT 6492

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

65-Tb-148



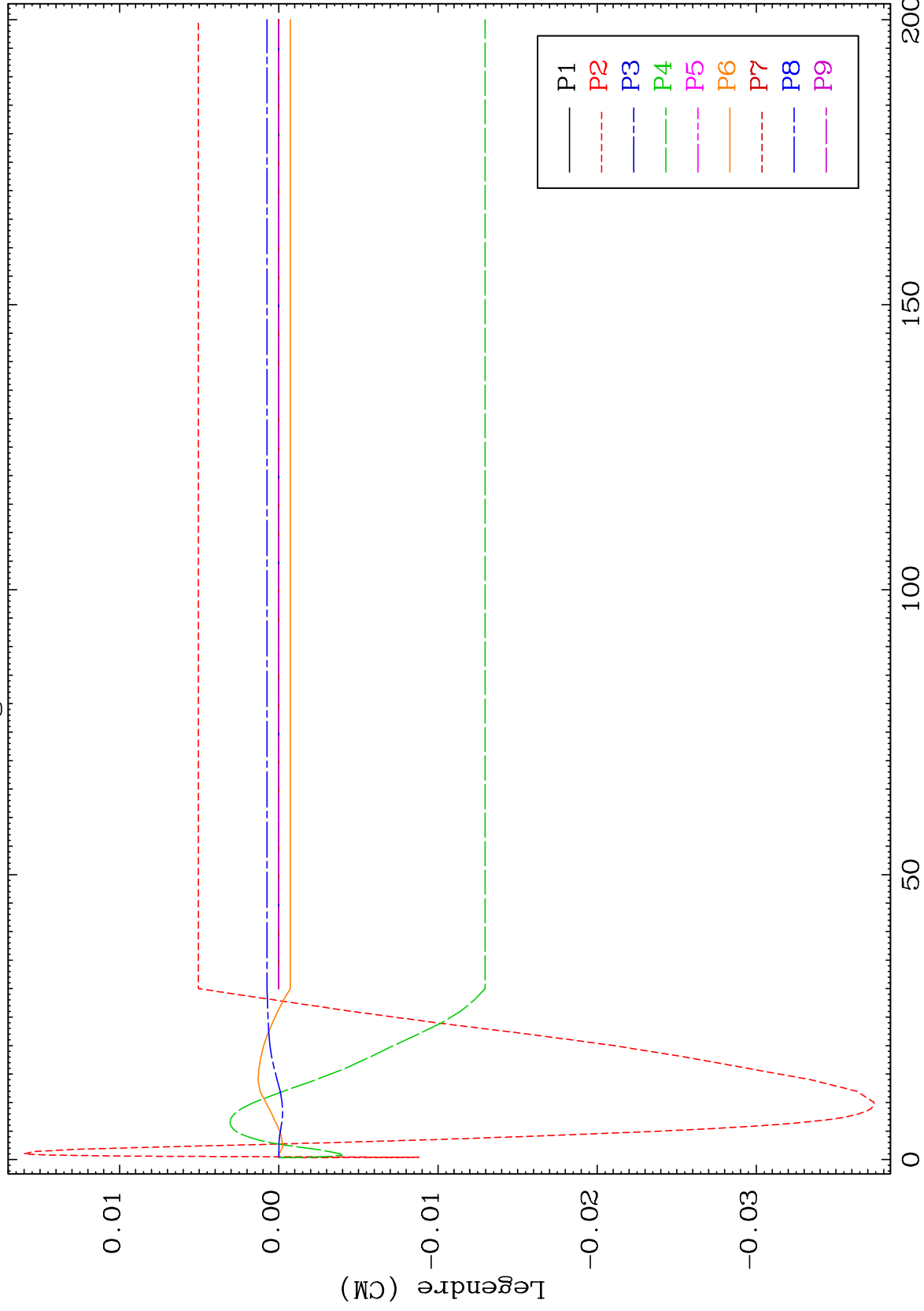




MAT 6492

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

65-Tb-148



65-Tb-148

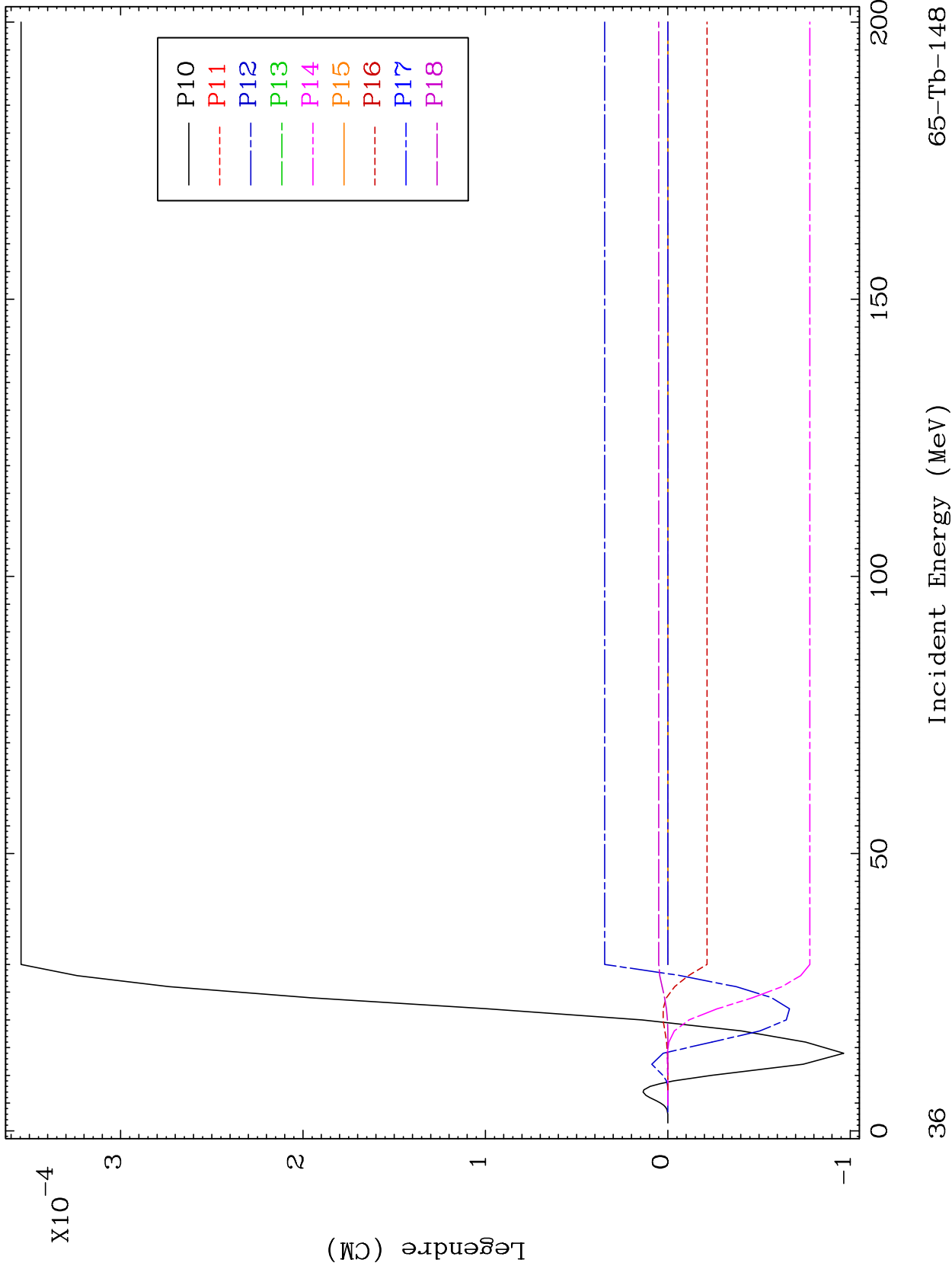
Incident Energy (MeV)

35

MAT 6492

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

65-Tb-148



36

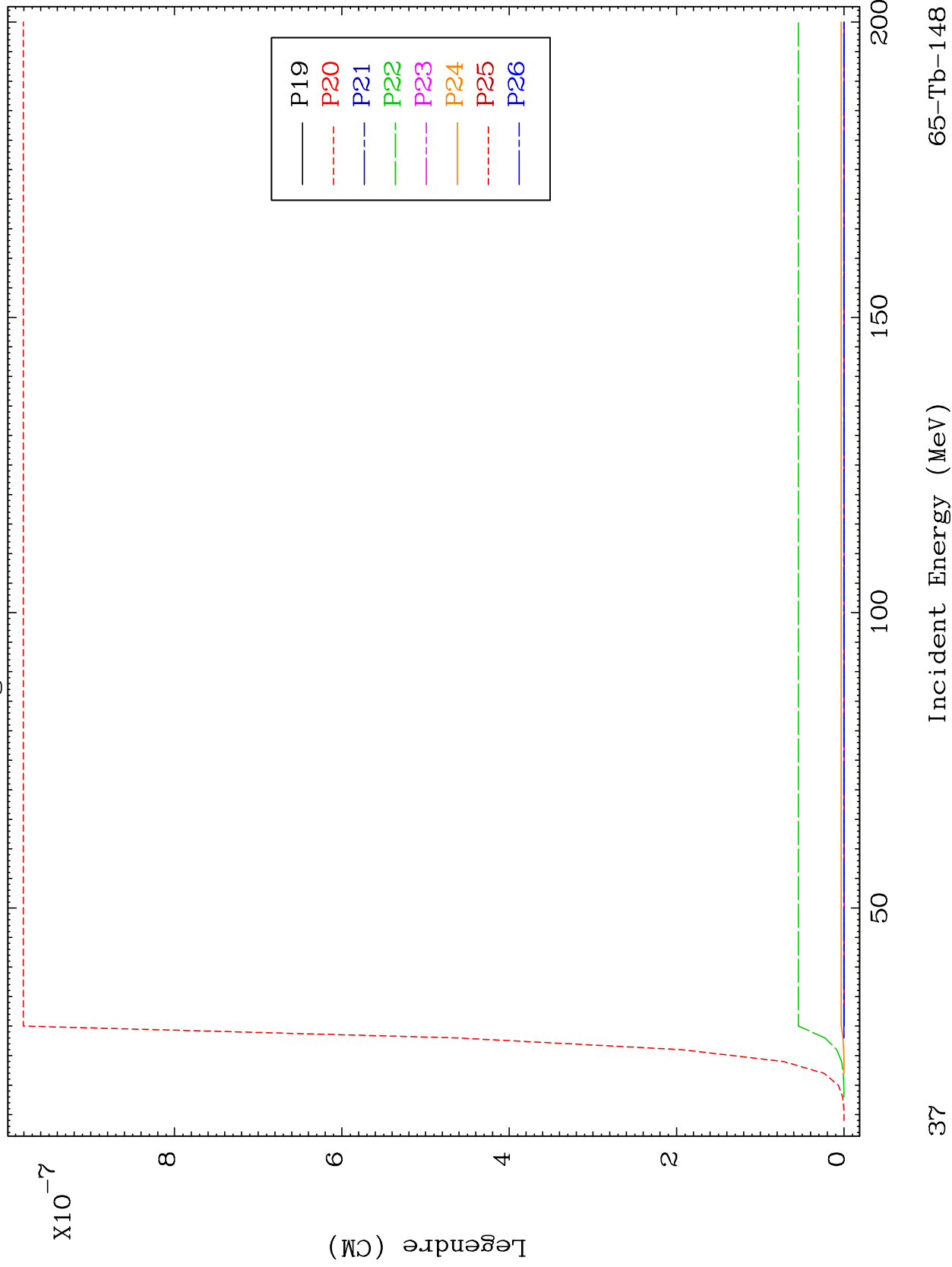
Incident Energy (MeV)

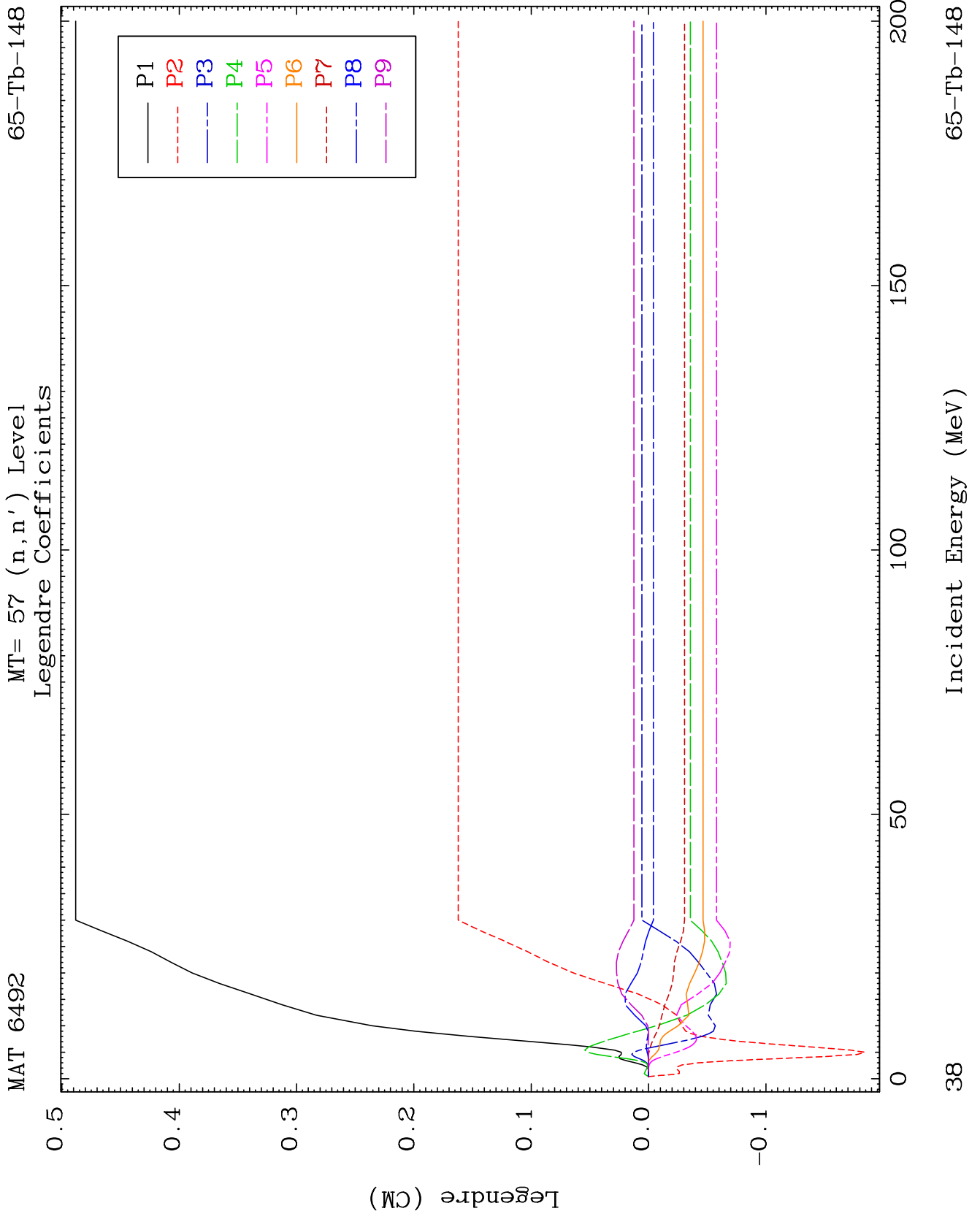
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MAT 6492

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

65-Tb-148

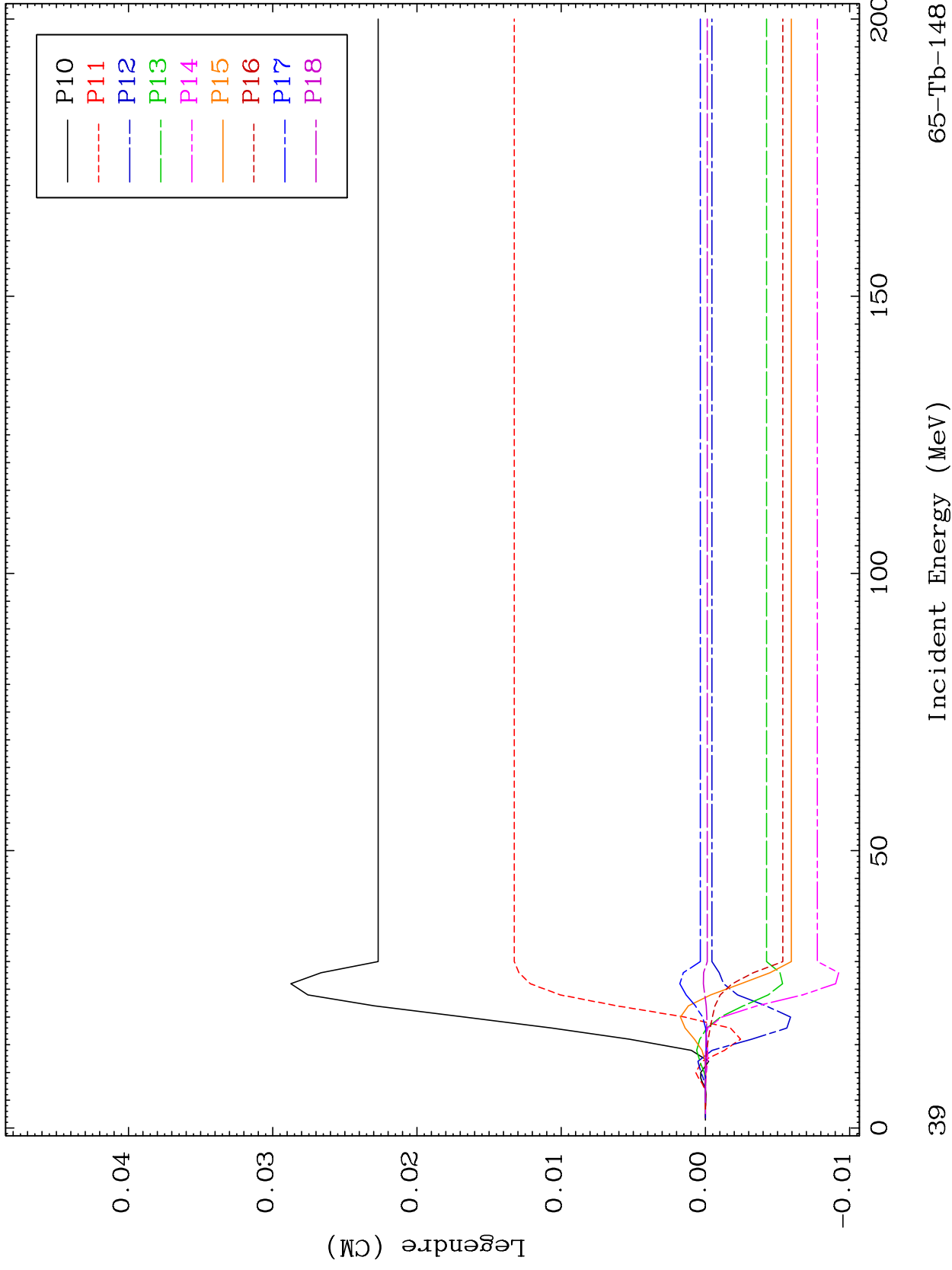




MAT 6492

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

65-Tb-148



39

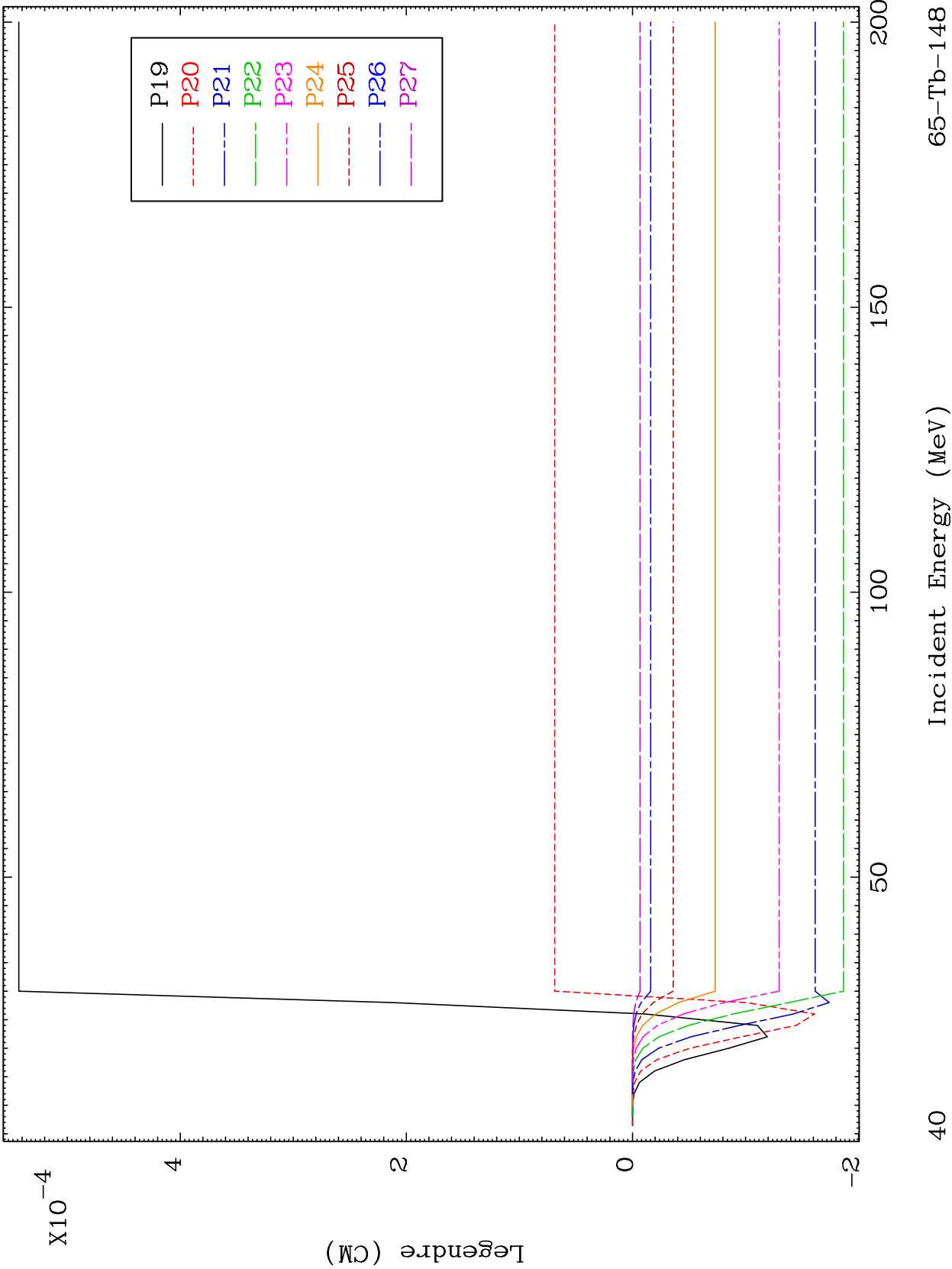
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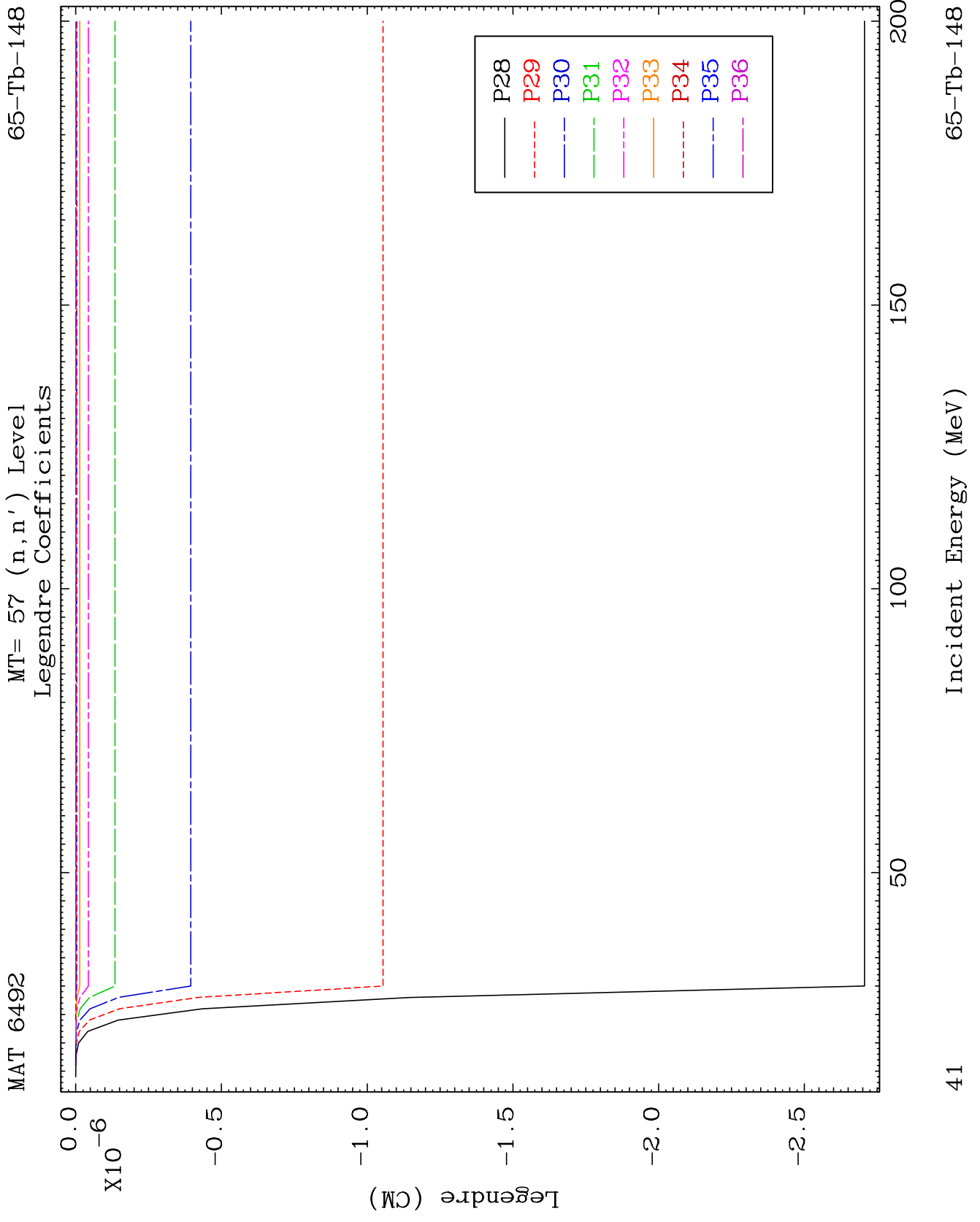
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MAT 6492

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

65-Tb-148

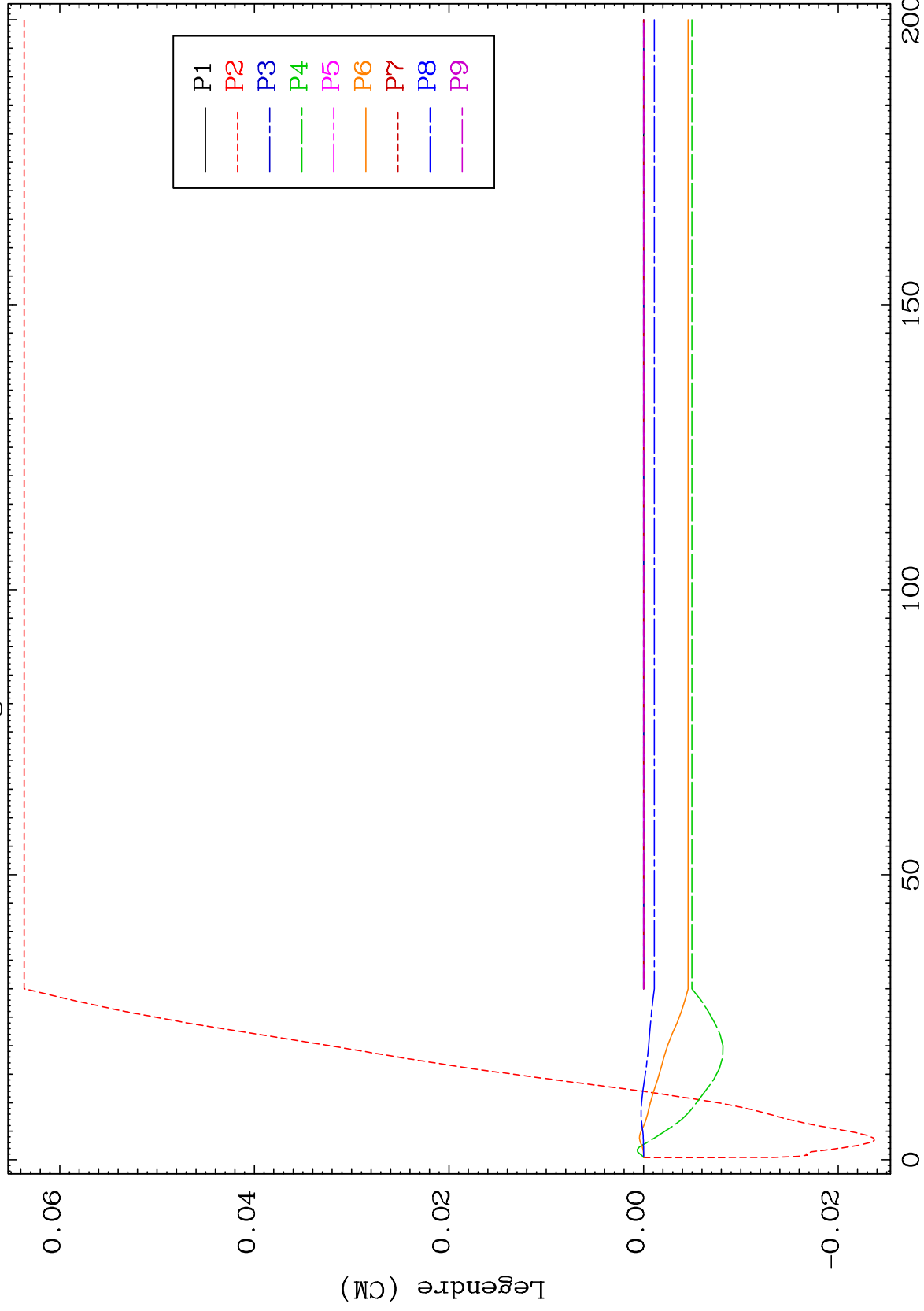




MAT 6492

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

65-Tb-148



65-Tb-148

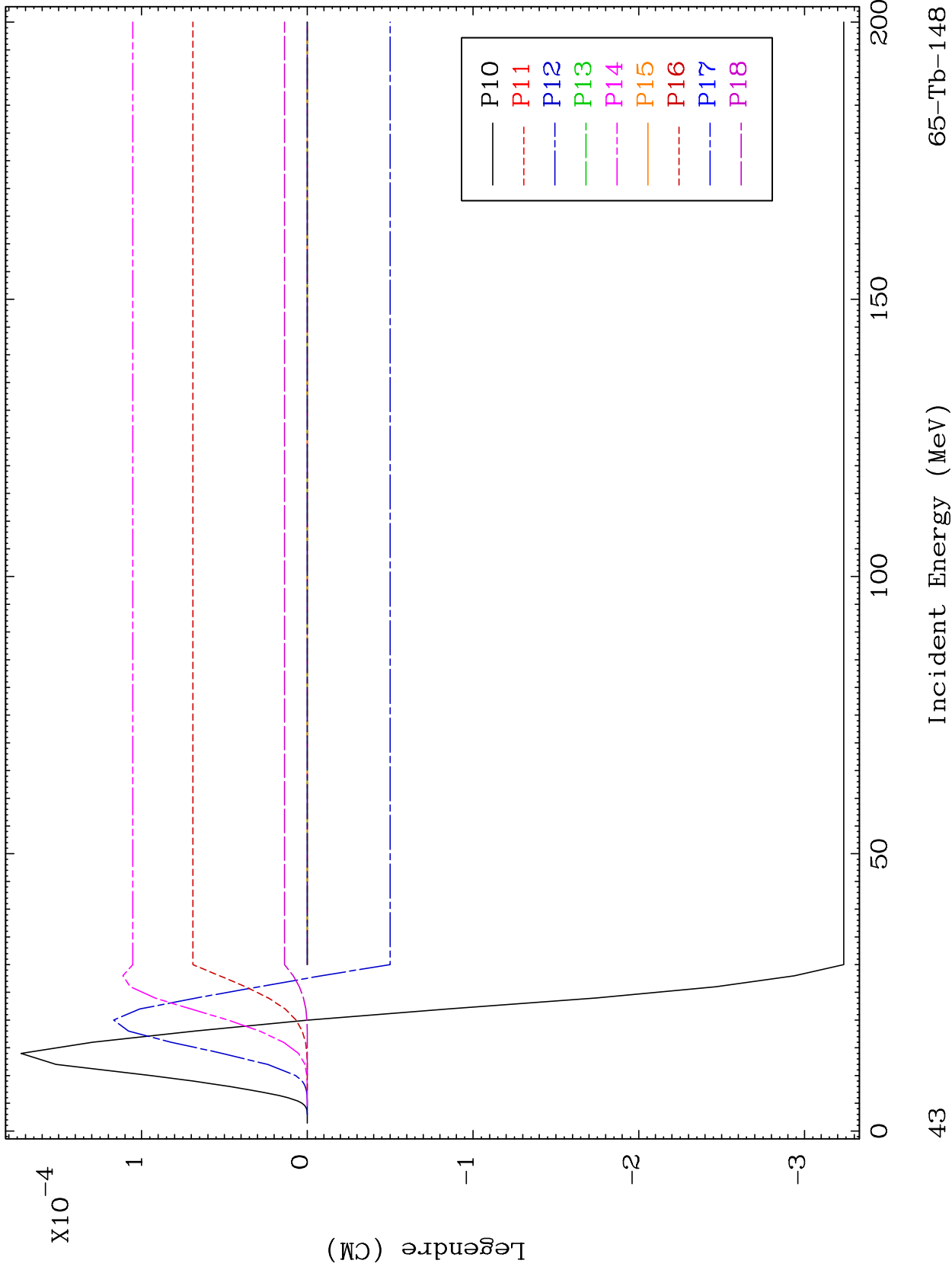
Incident Energy (MeV)

42

MAT 6492

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

65-Tb-148



43

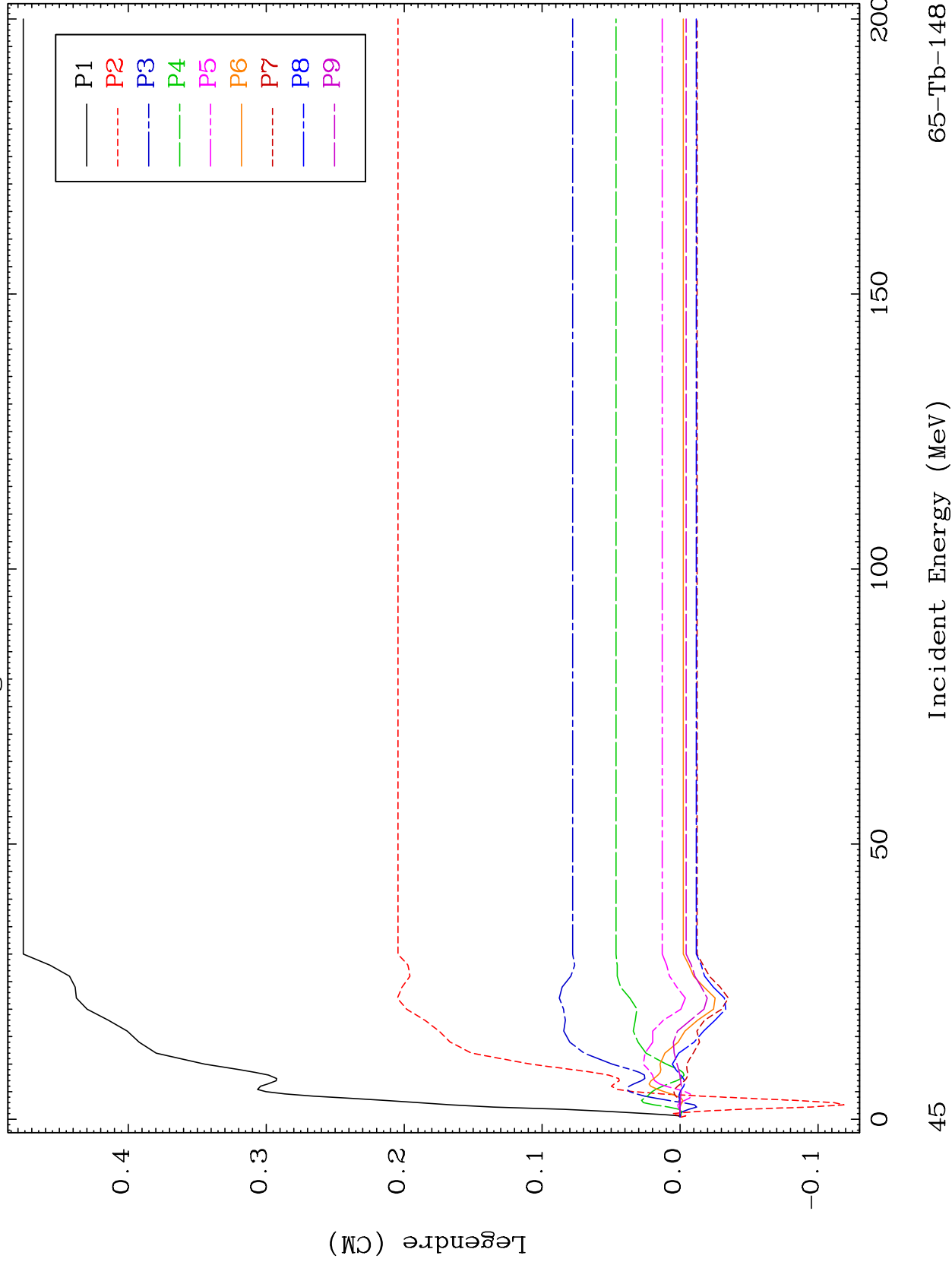
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

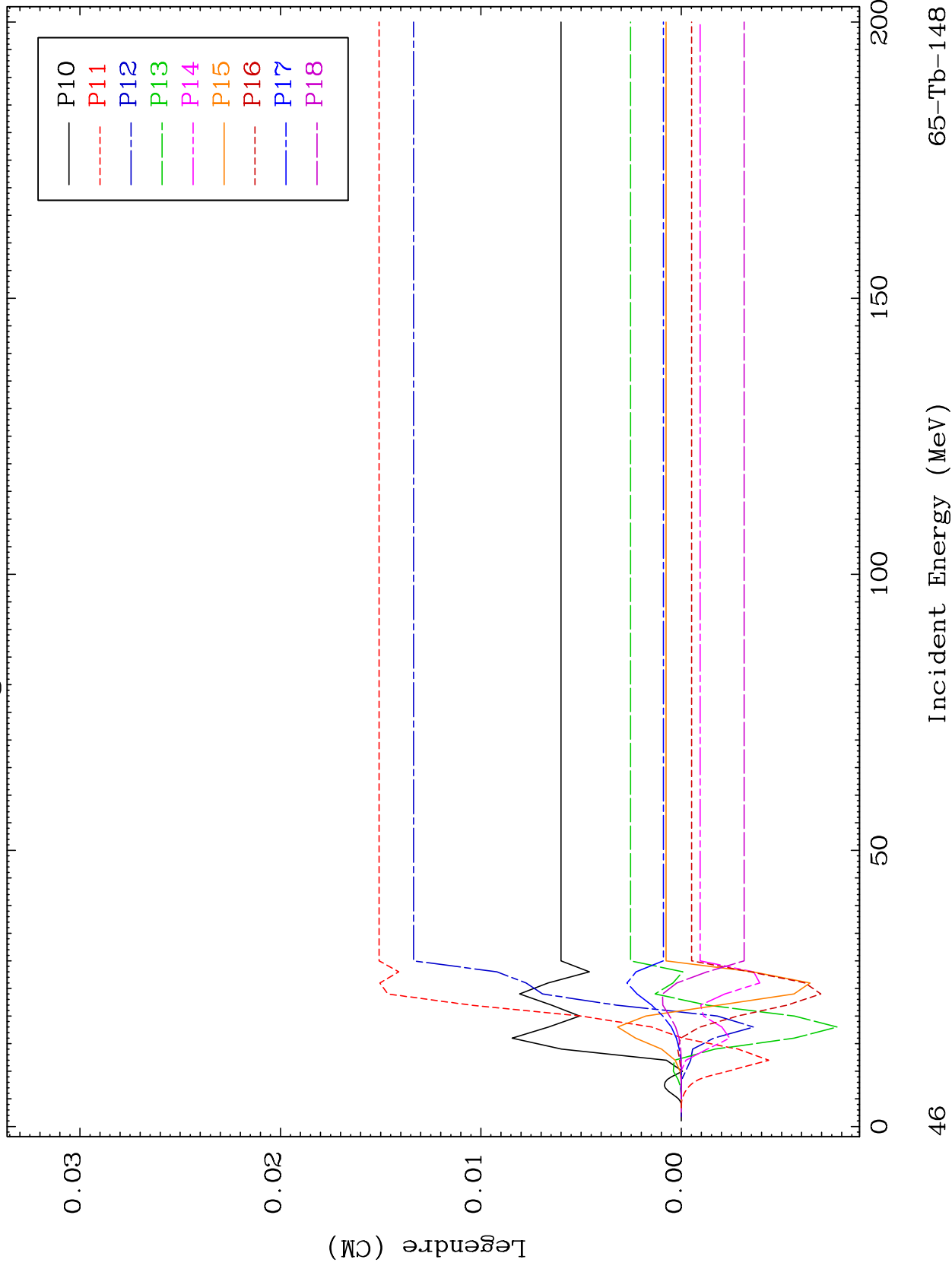
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MAT 6492

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

65-Tb-148



46

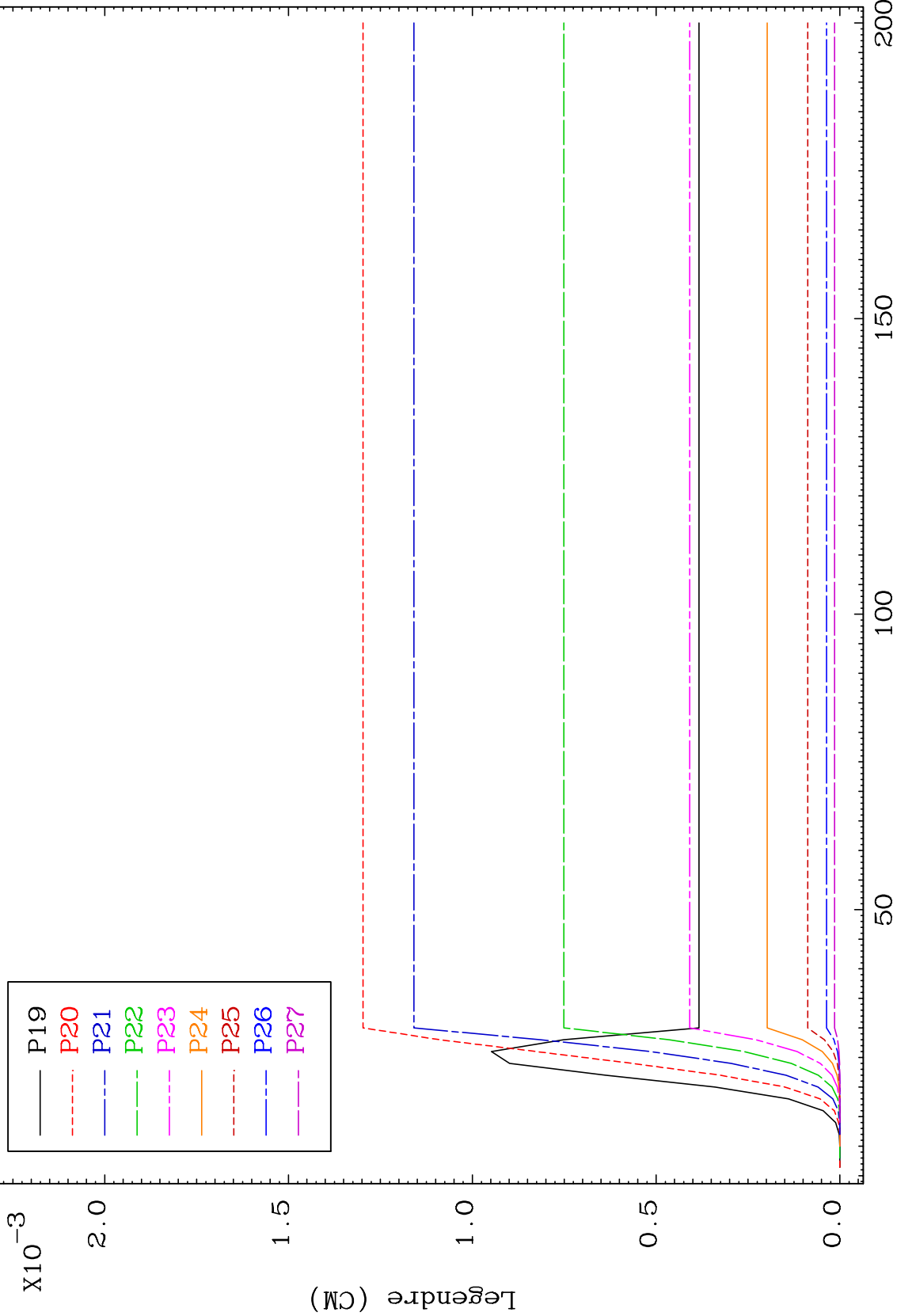
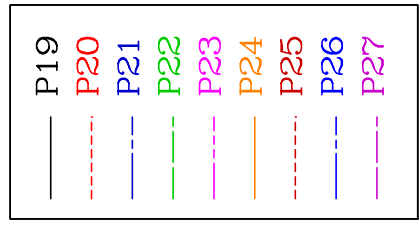
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



47

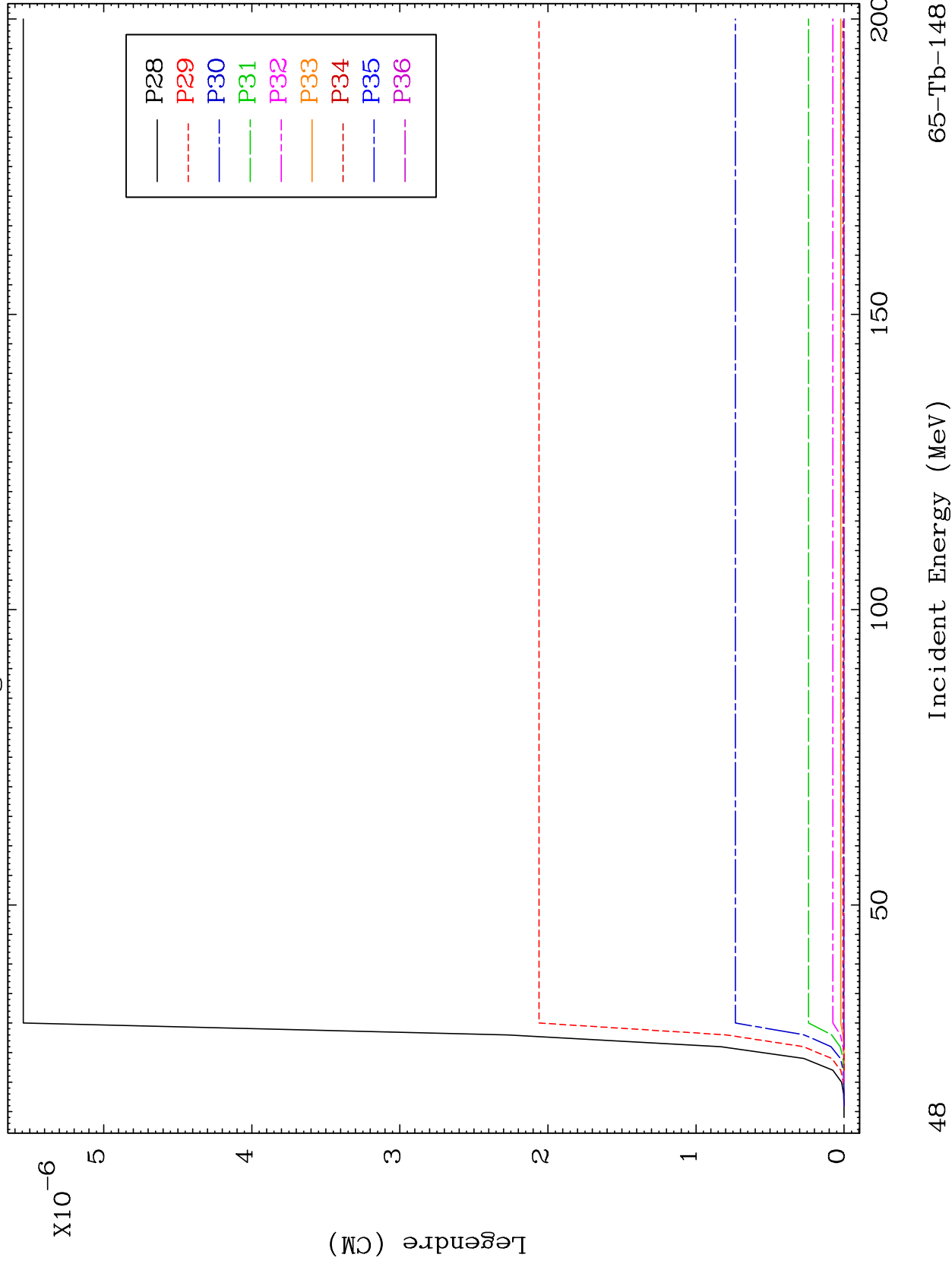
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

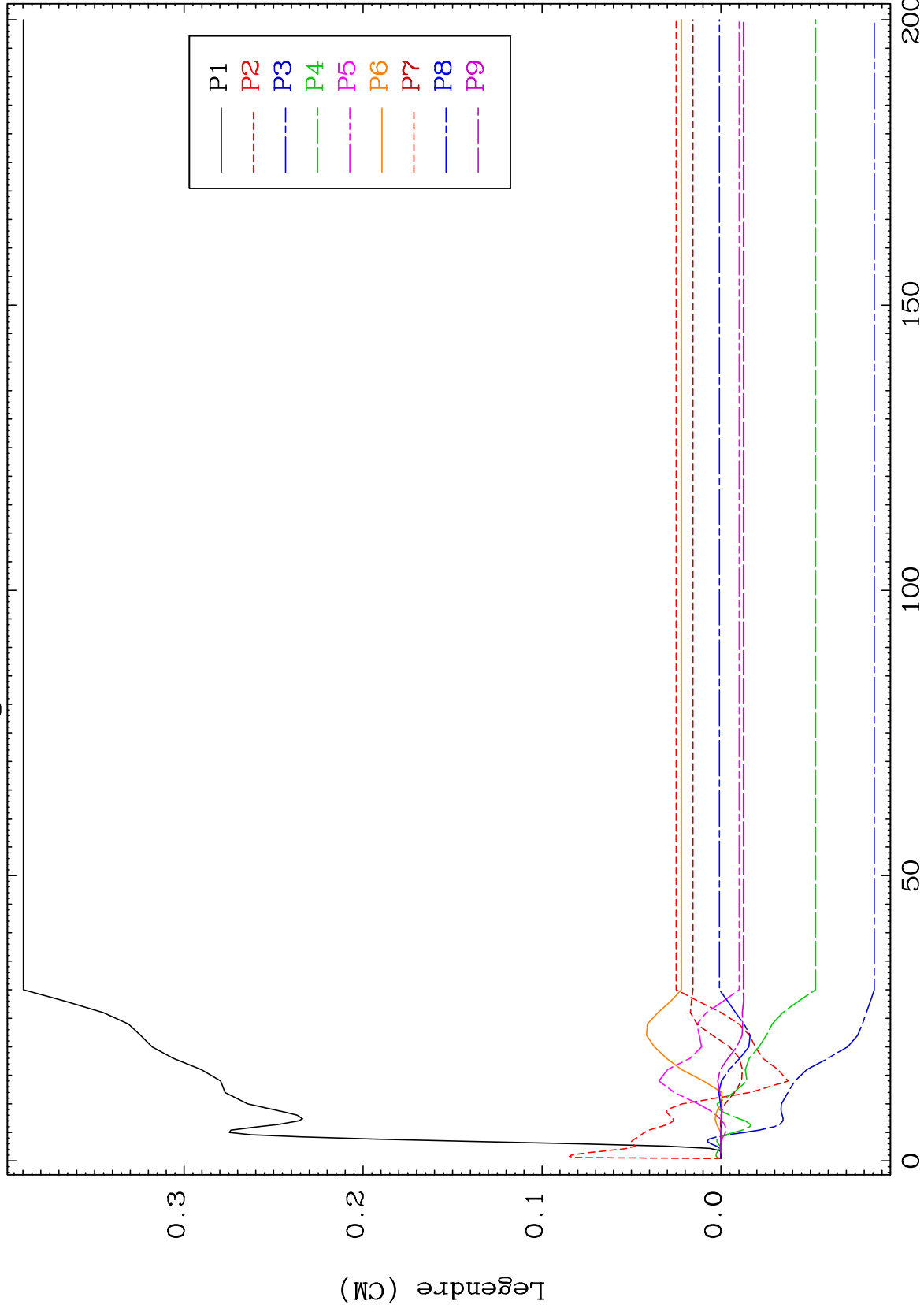
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MAT 6492

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

65-Tb-148



49

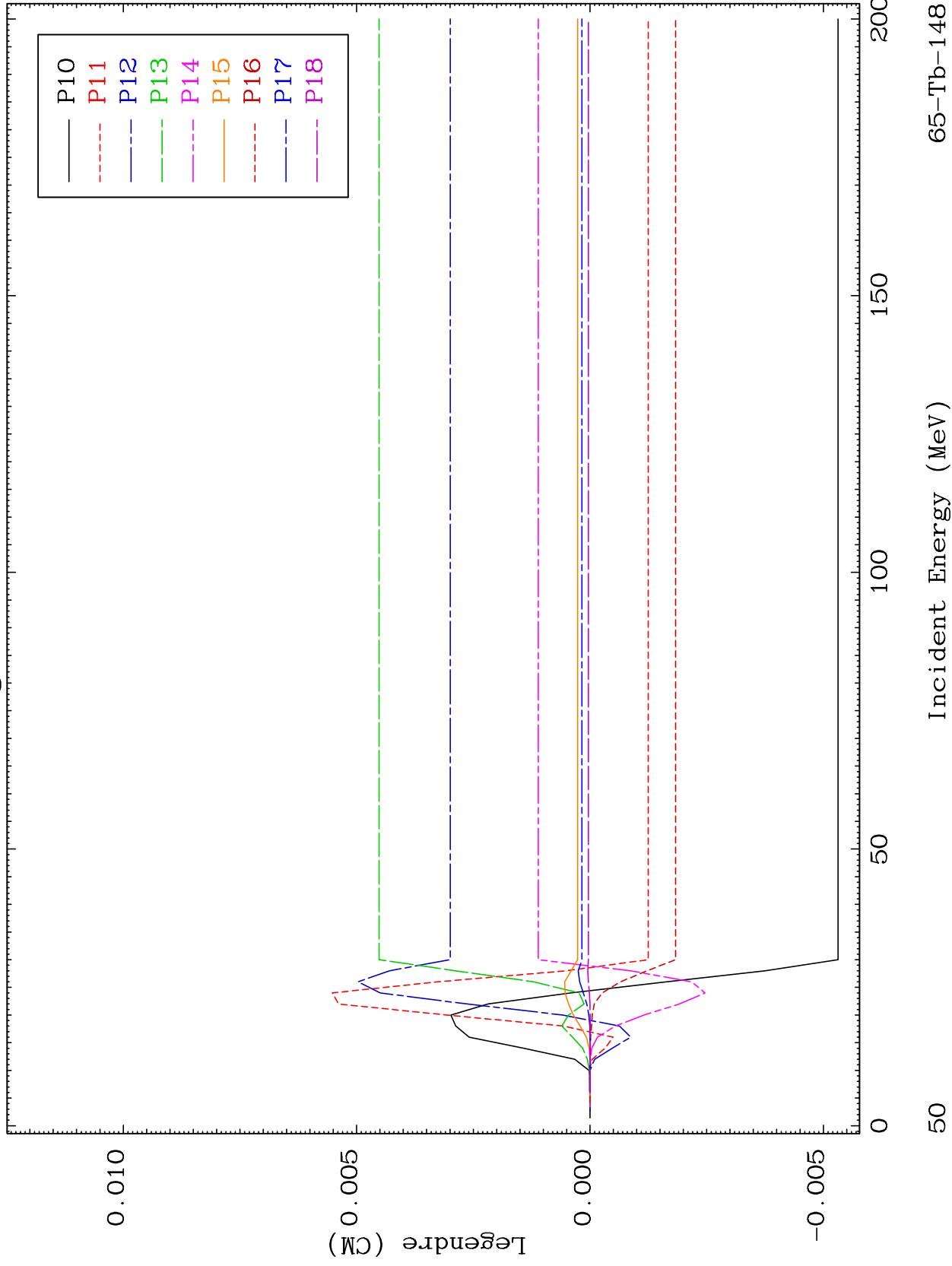
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



65-Tb-148

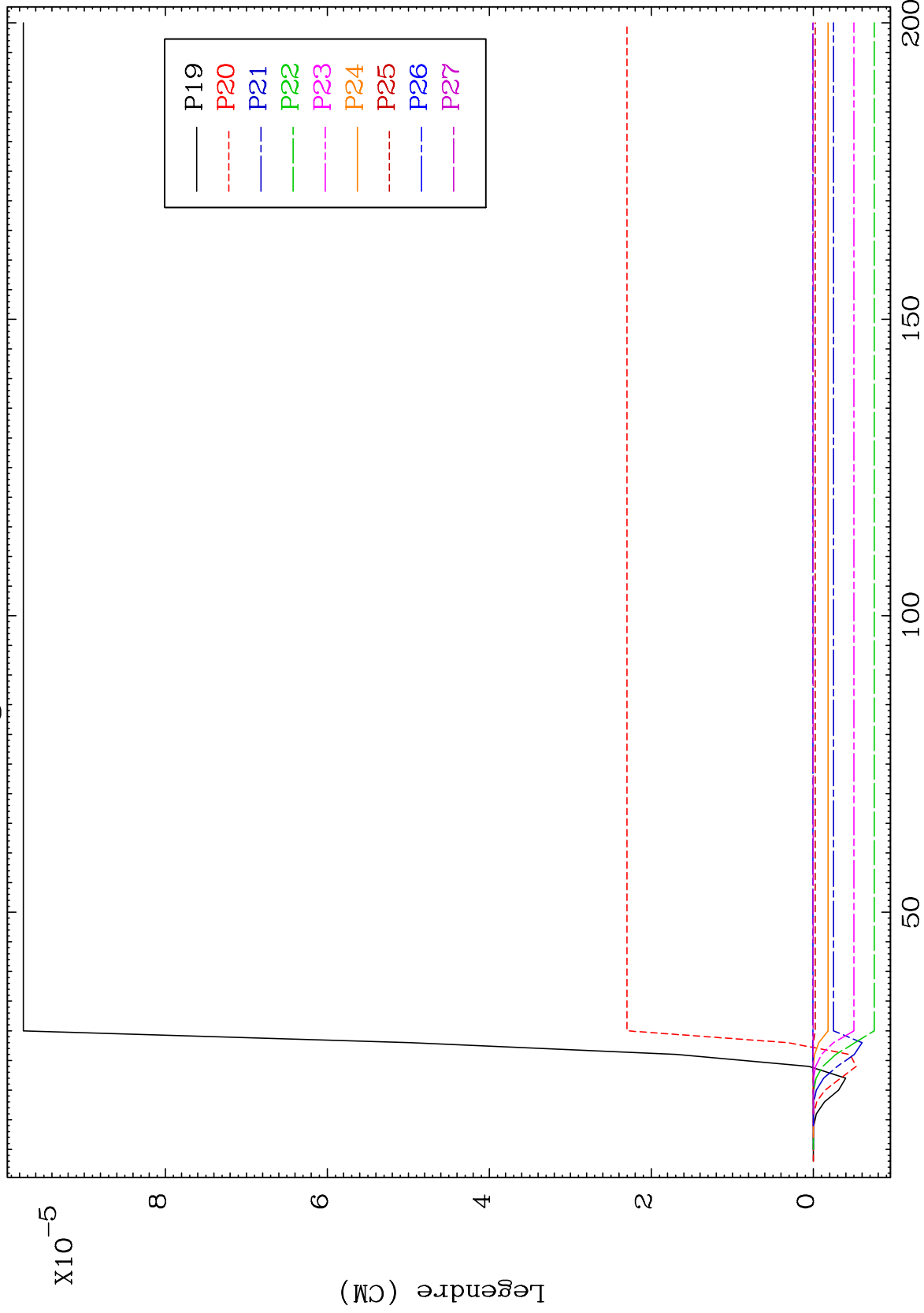
Incident Energy (MeV)

50

MAT 6492

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

65-Tb-148



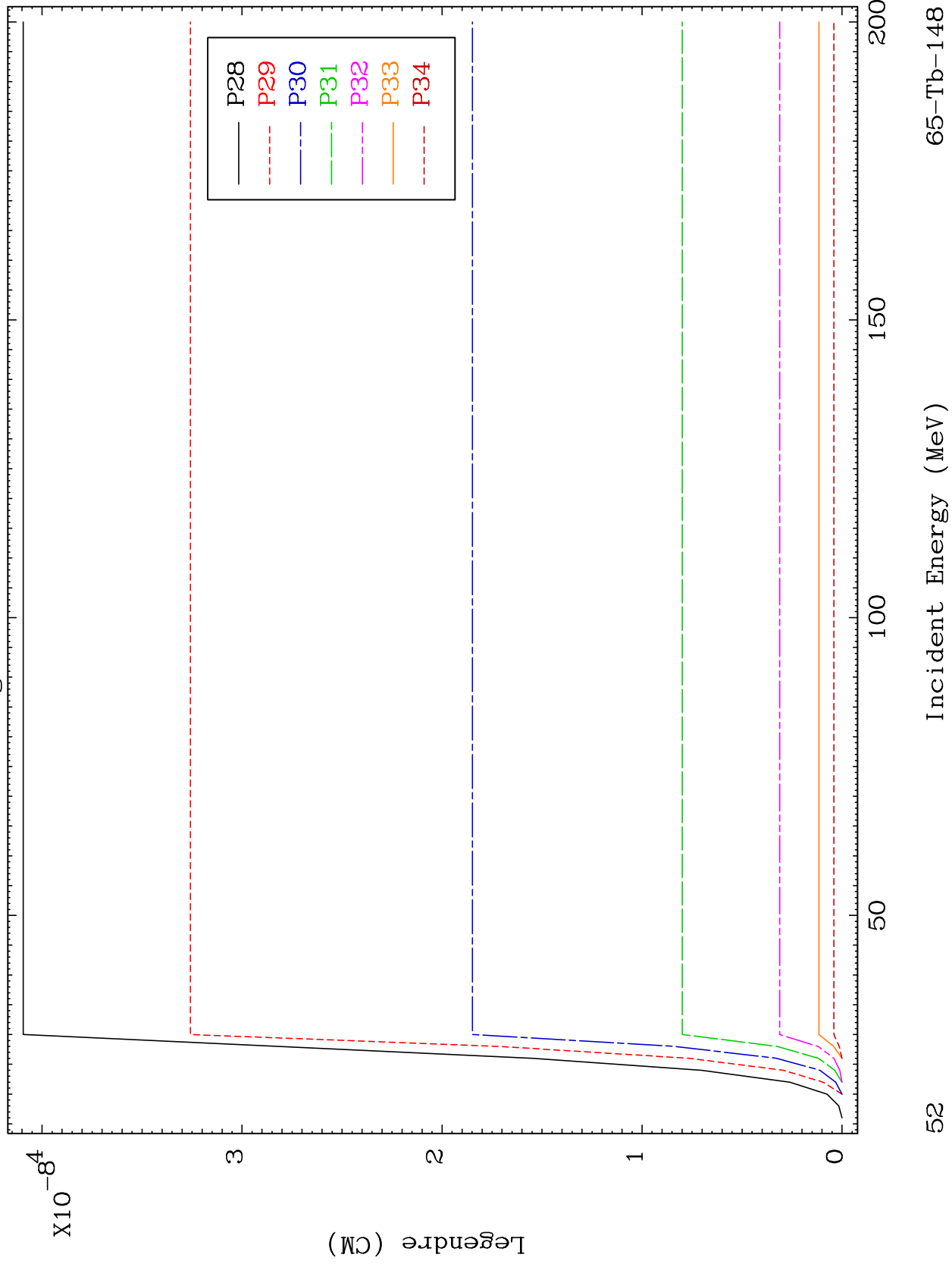
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MAT 6492

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

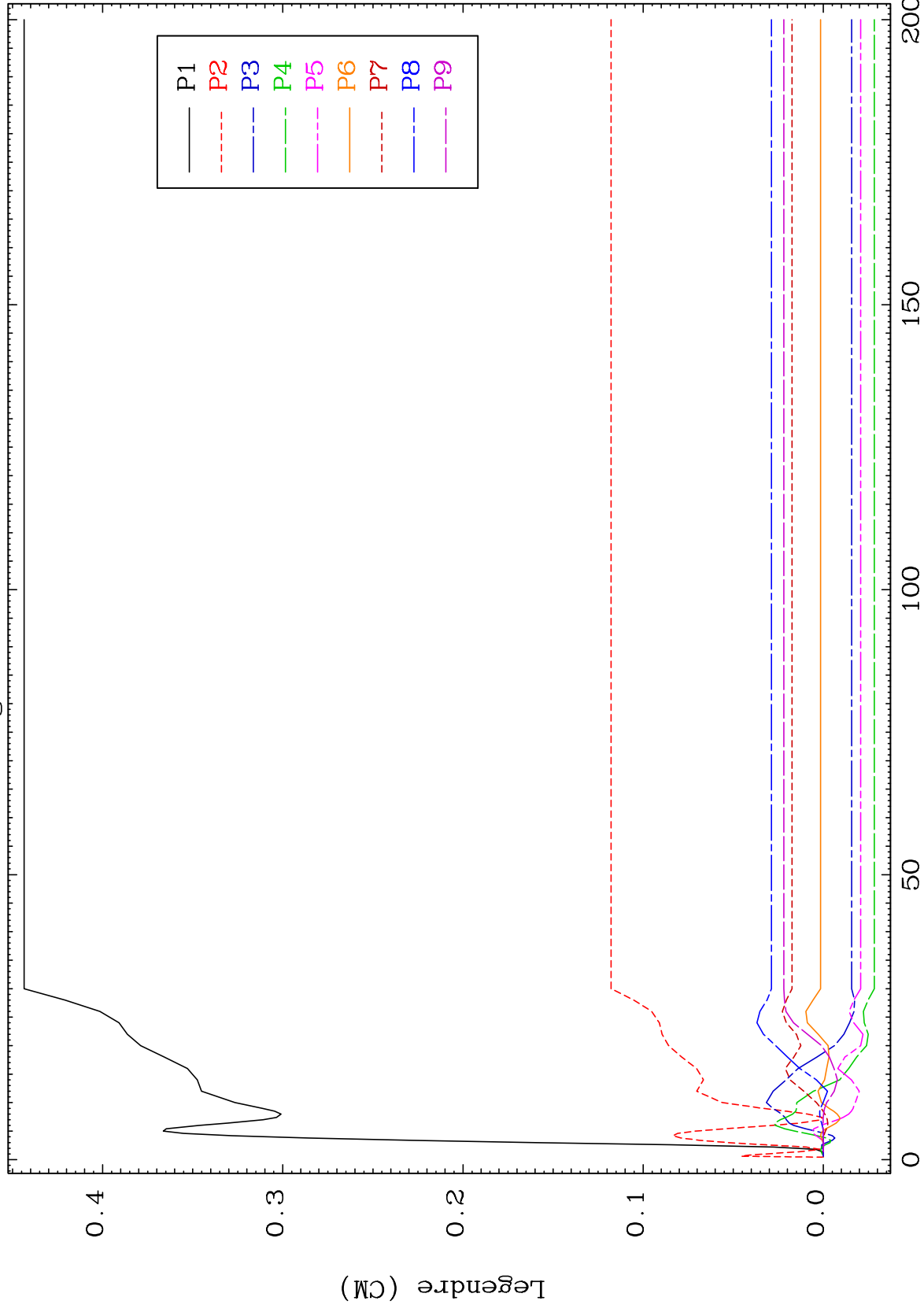
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MAT 6492

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

65-Tb-148



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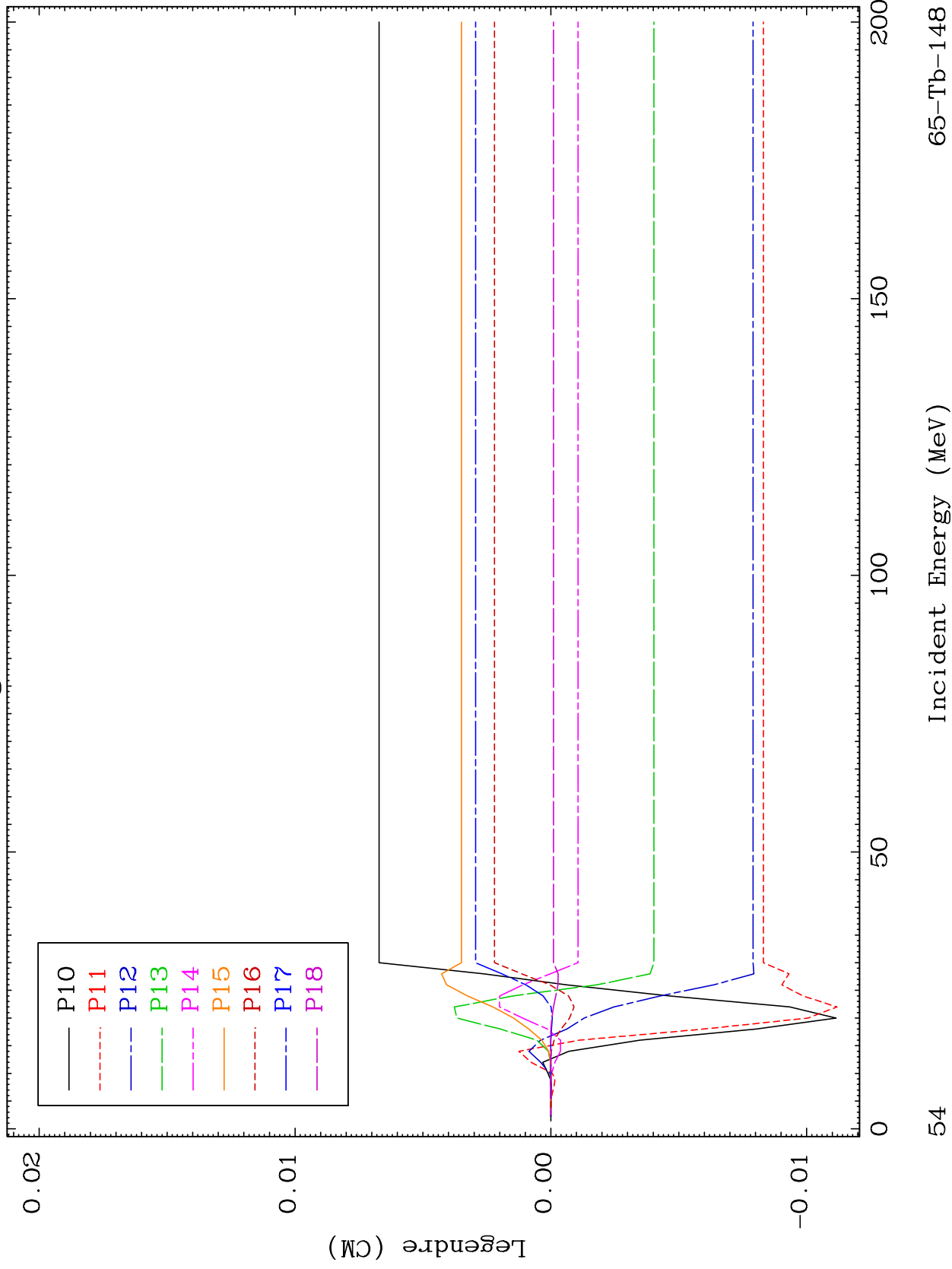
Incident Energy (MeV)

65-Tb-148

MAT 6492

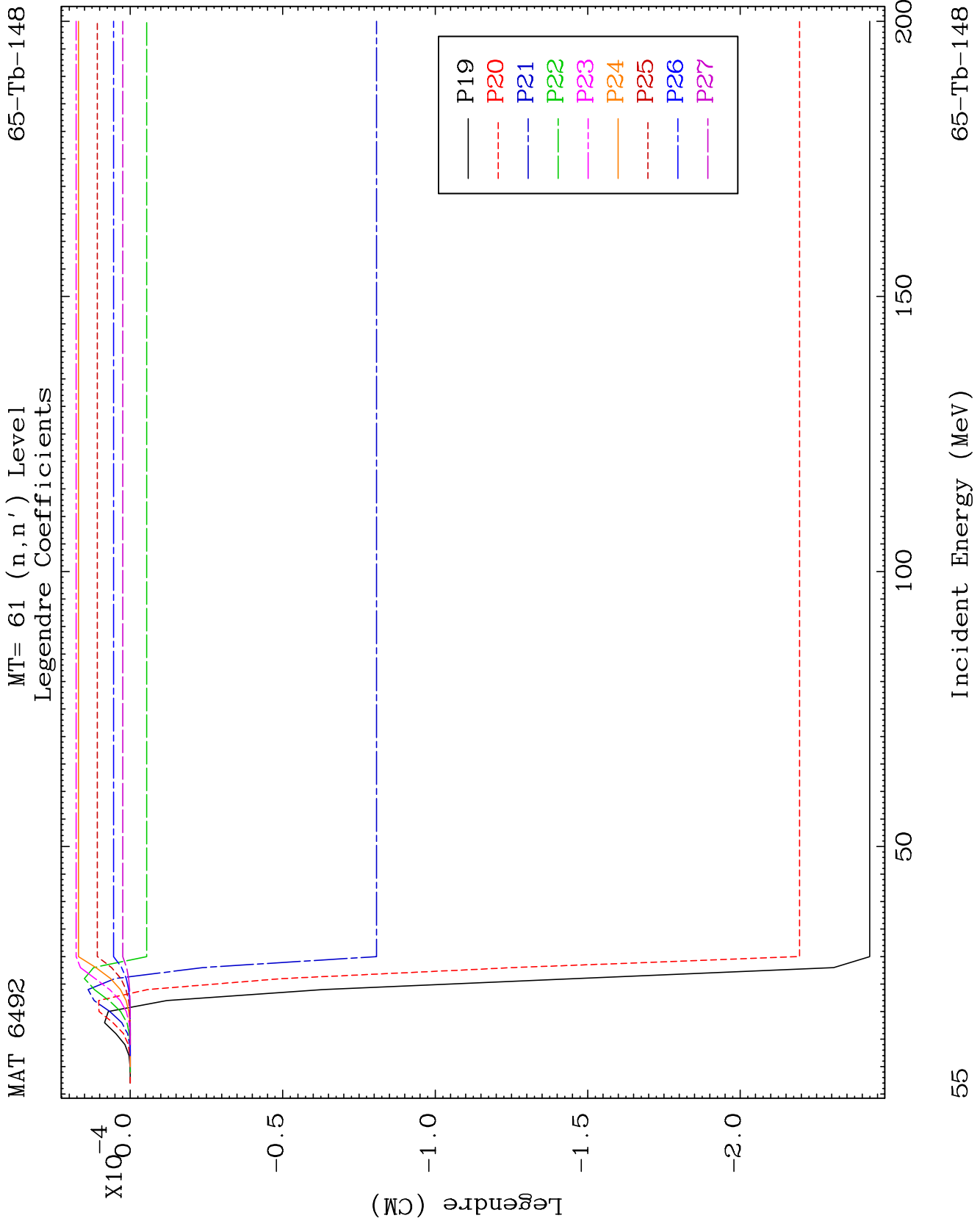
MT= 61 (n,n') Level
Legendre Coefficients

65-Tb-148



54

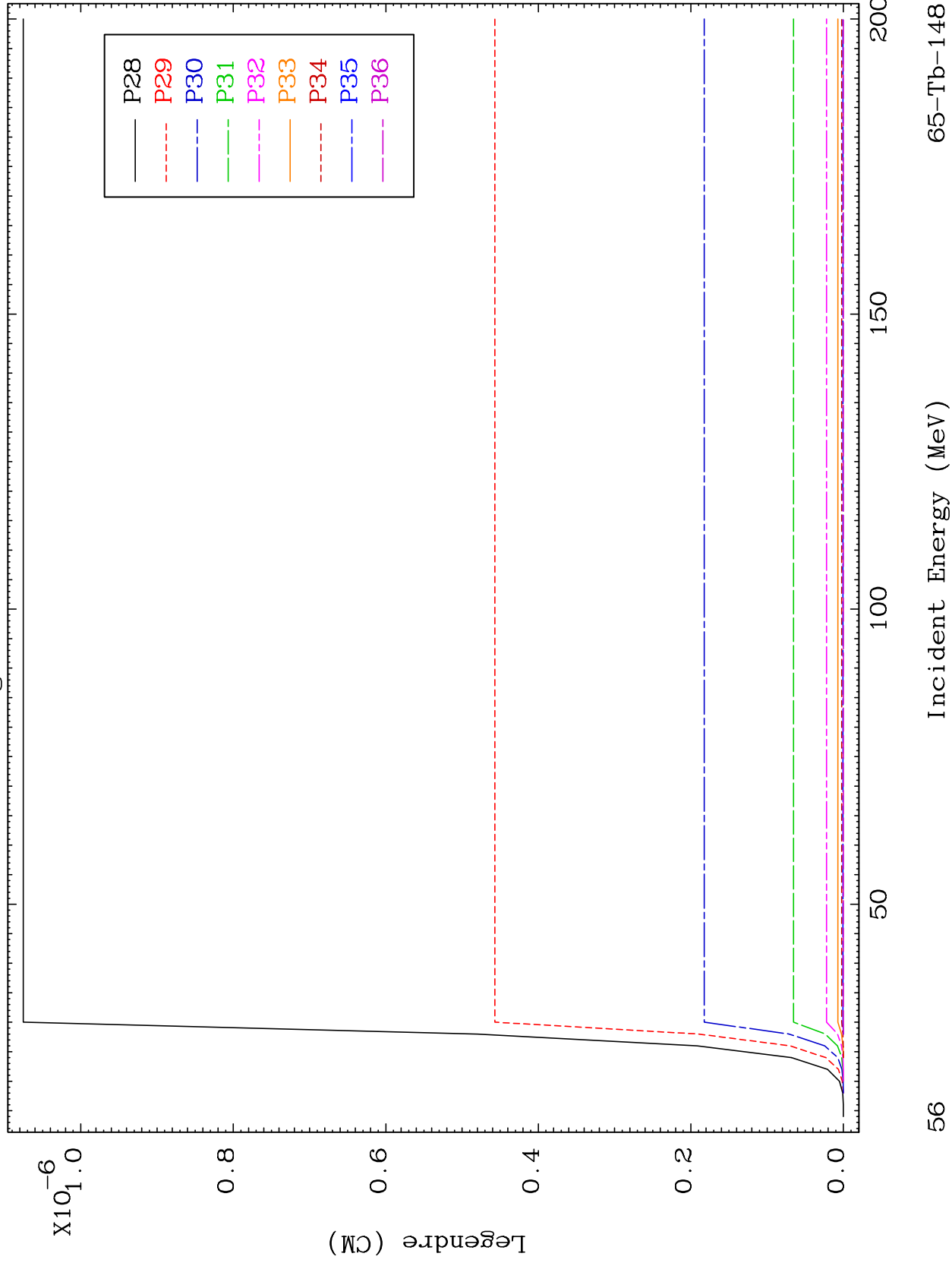
65-Tb-148



MAT 6492

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

65-Tb-148



56

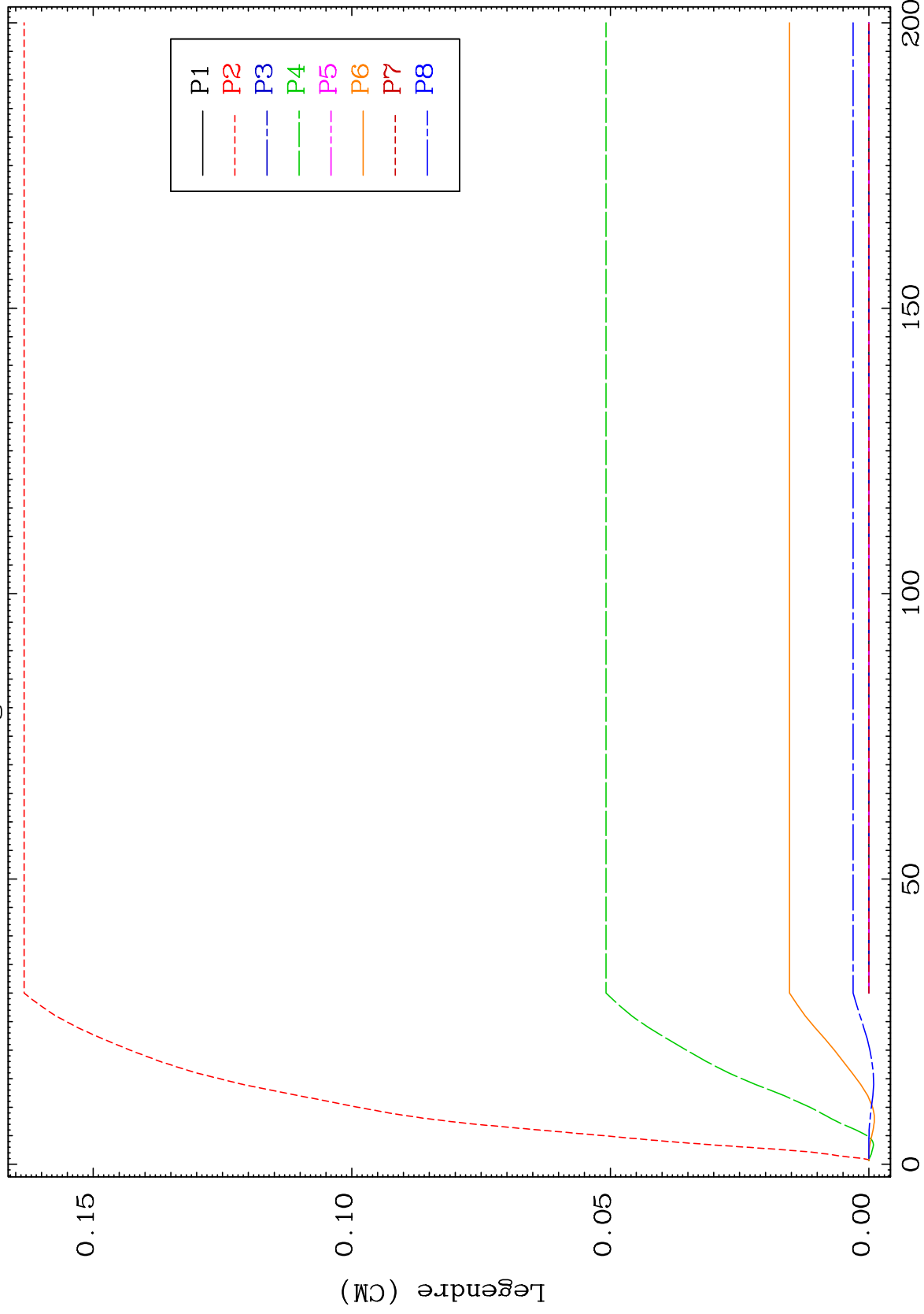
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

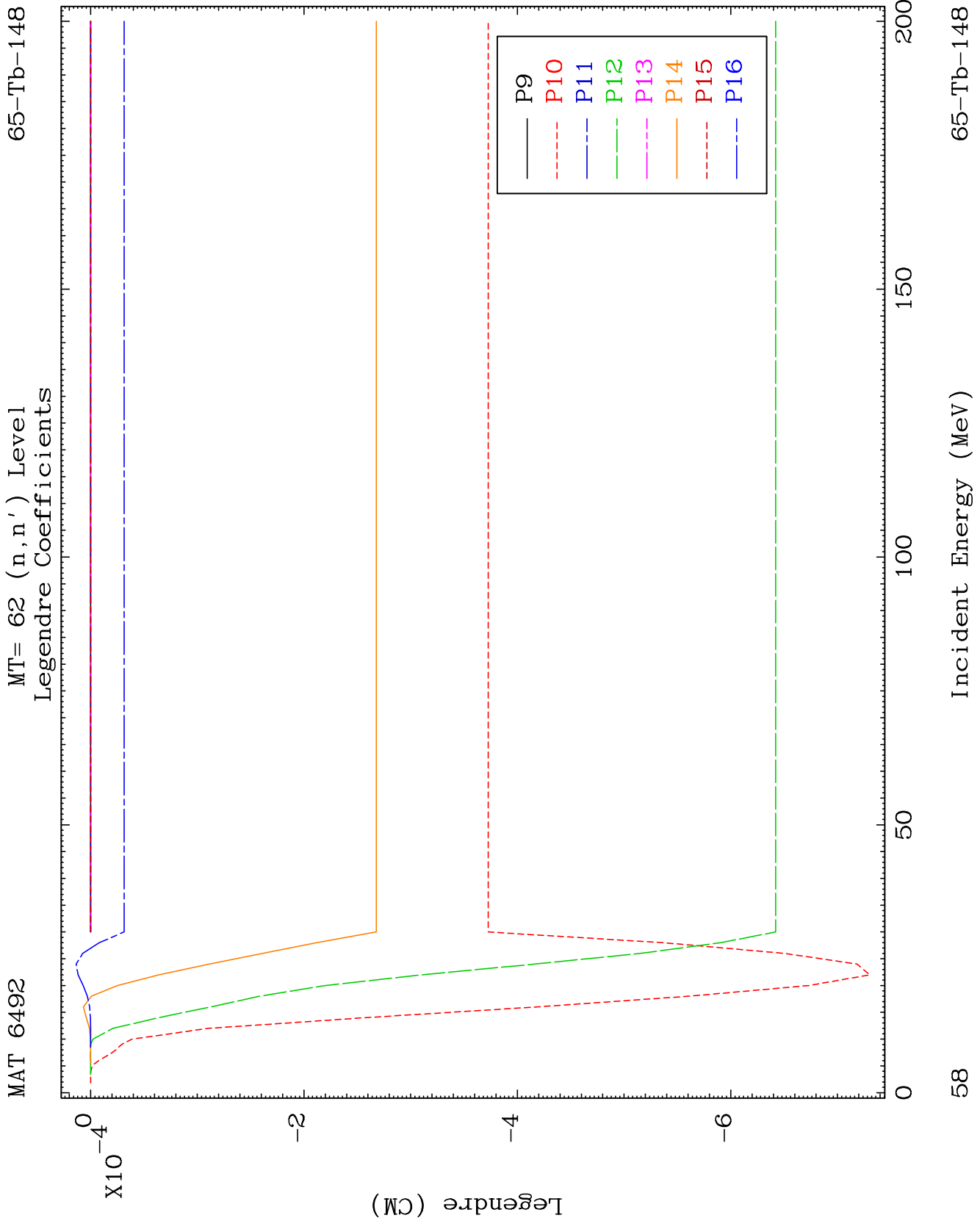
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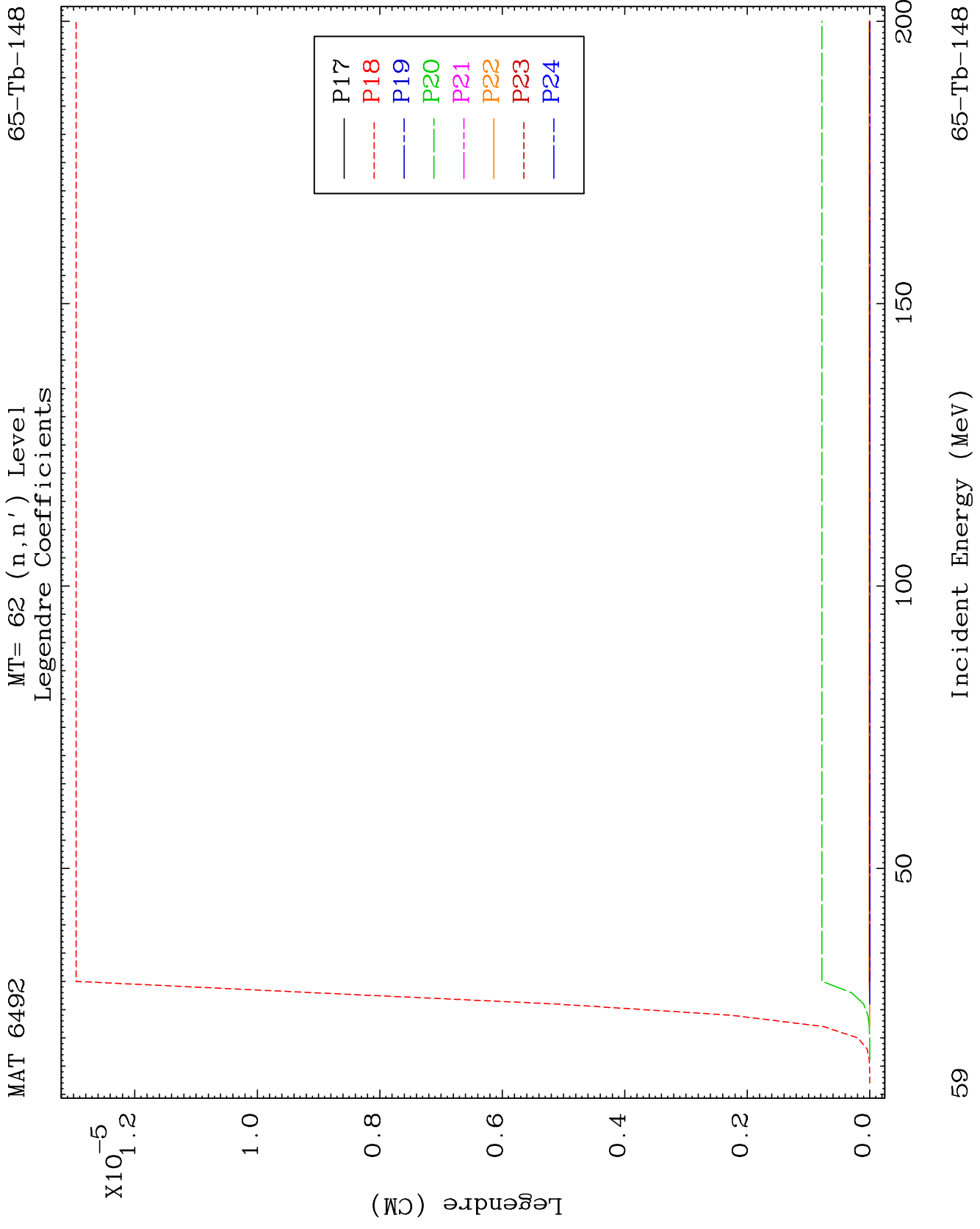


57

Incident Energy (MeV)

65-Tb-148

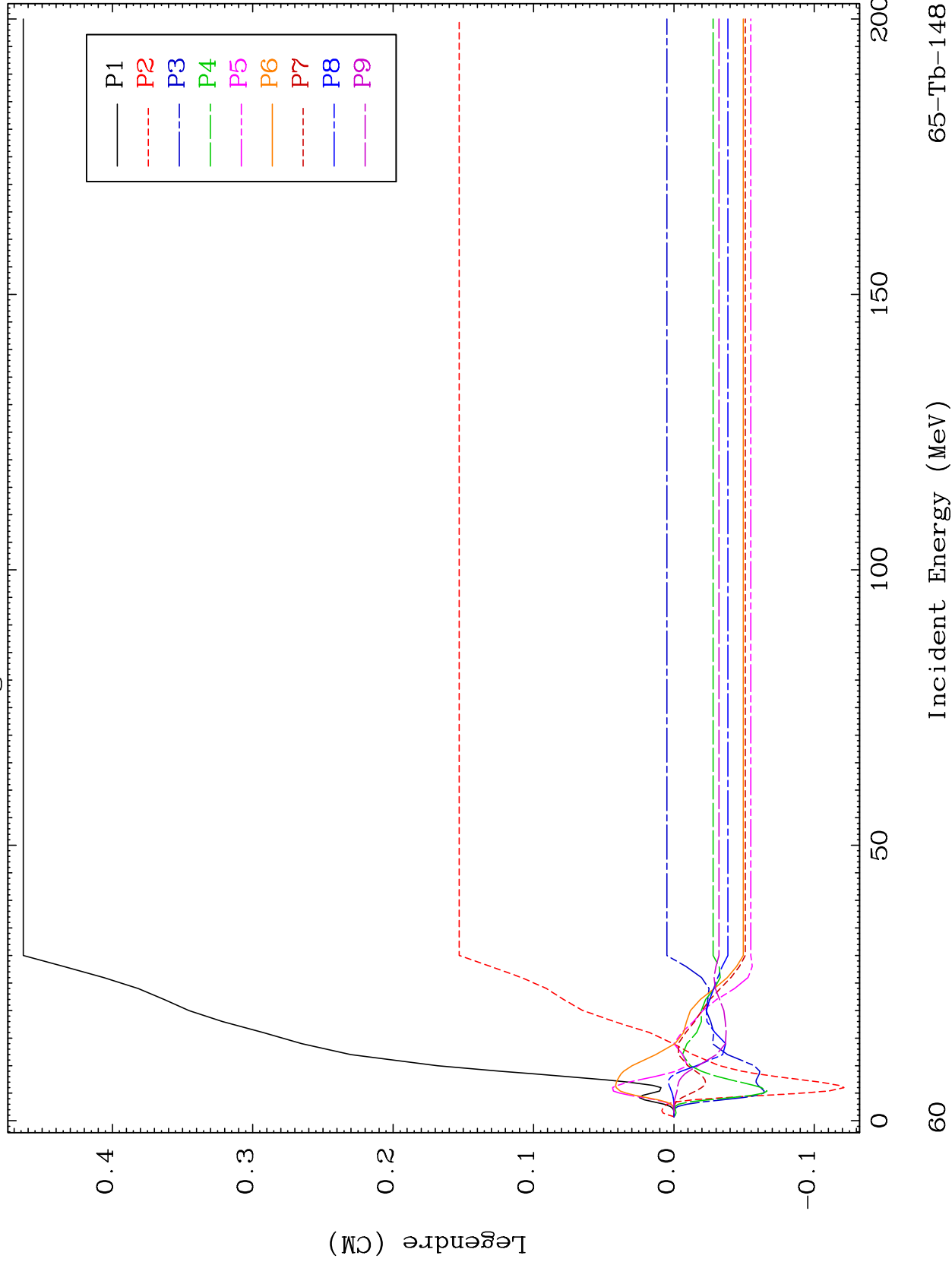




MAT 6492

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

65-Tb-148



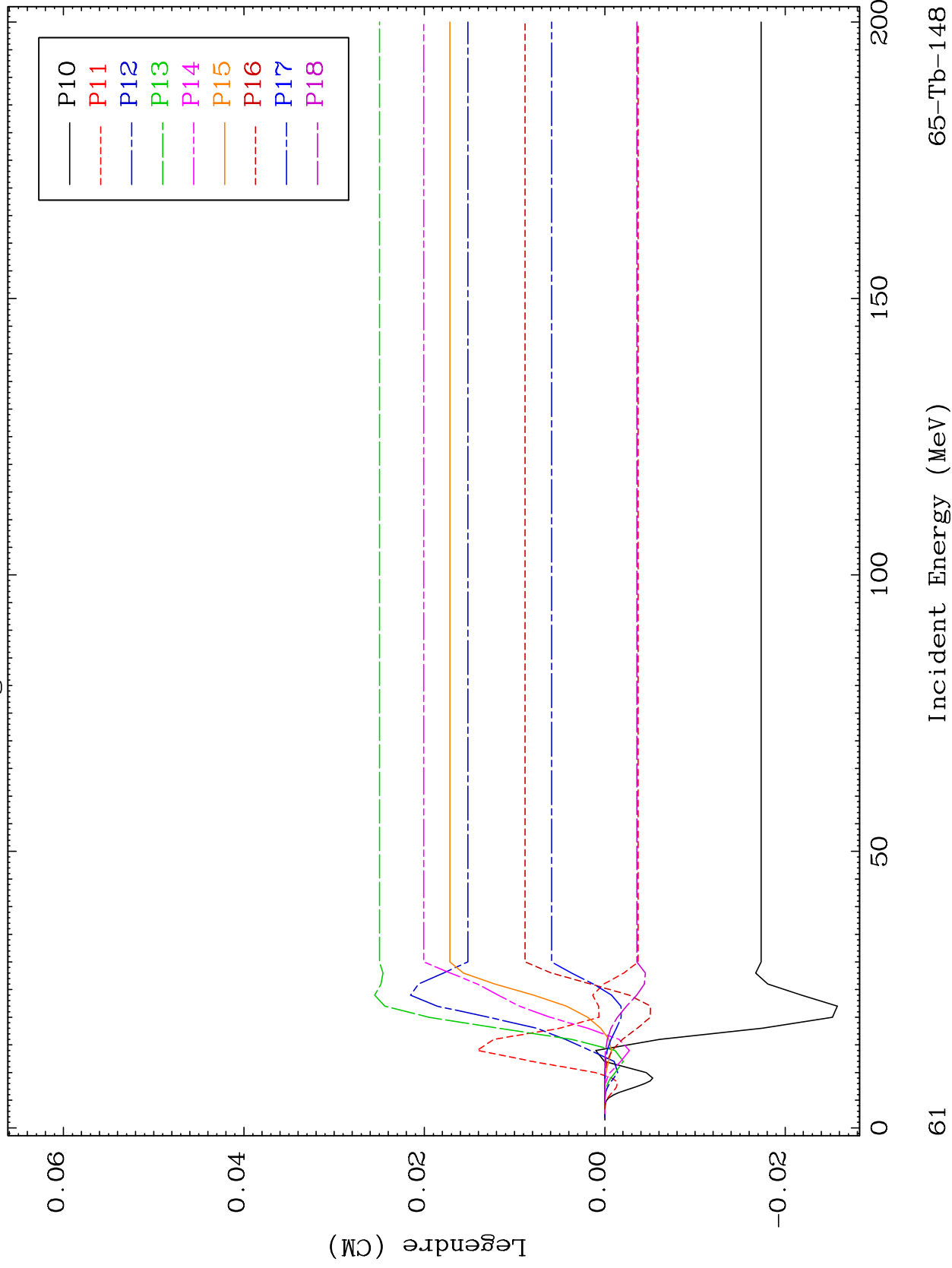
65-Tb-148

Incident Energy (MeV)

MAT 6492

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

65-Tb-148



65-Tb-148

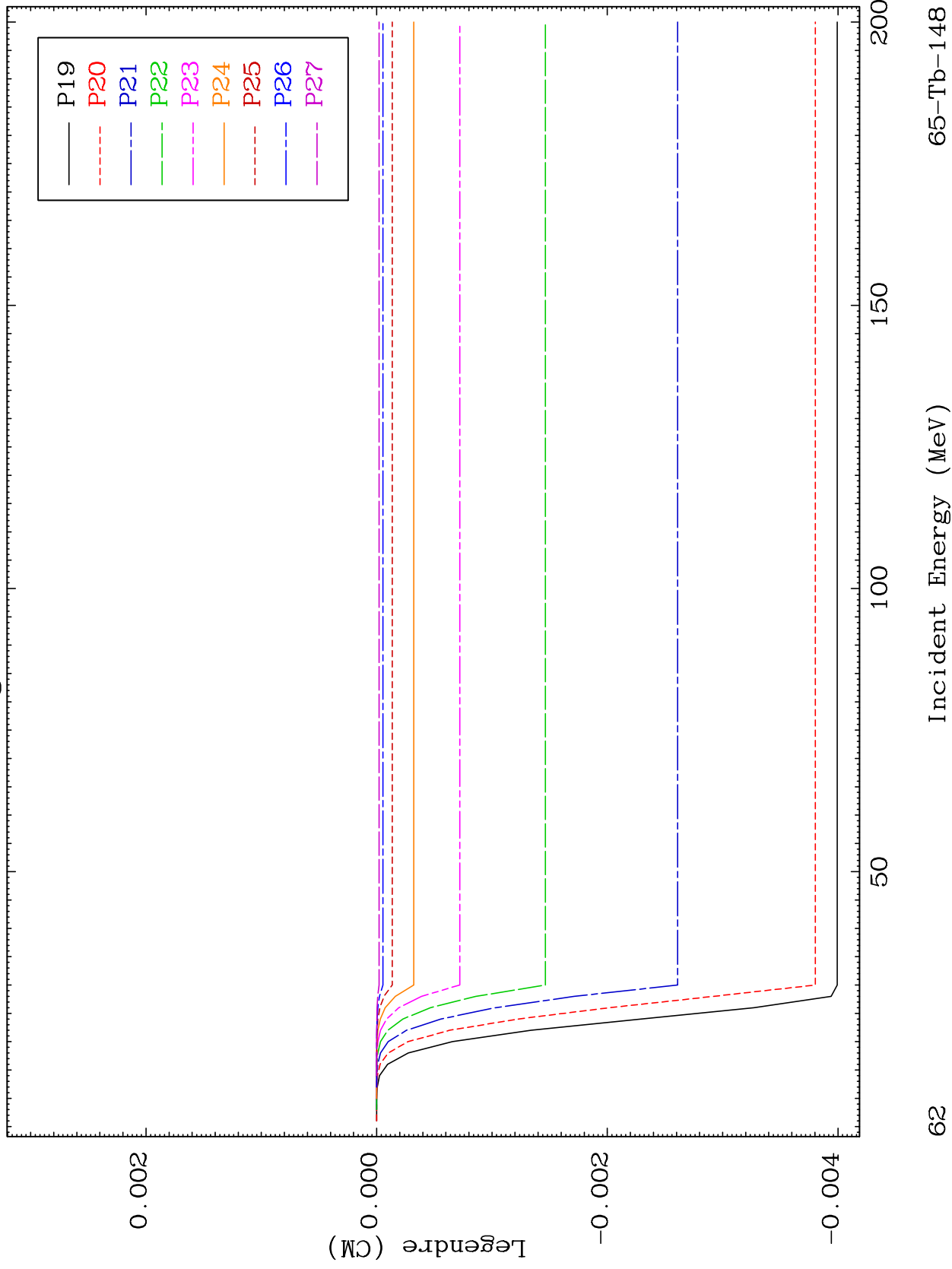
Incident Energy (MeV)

61

MAT 6492

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

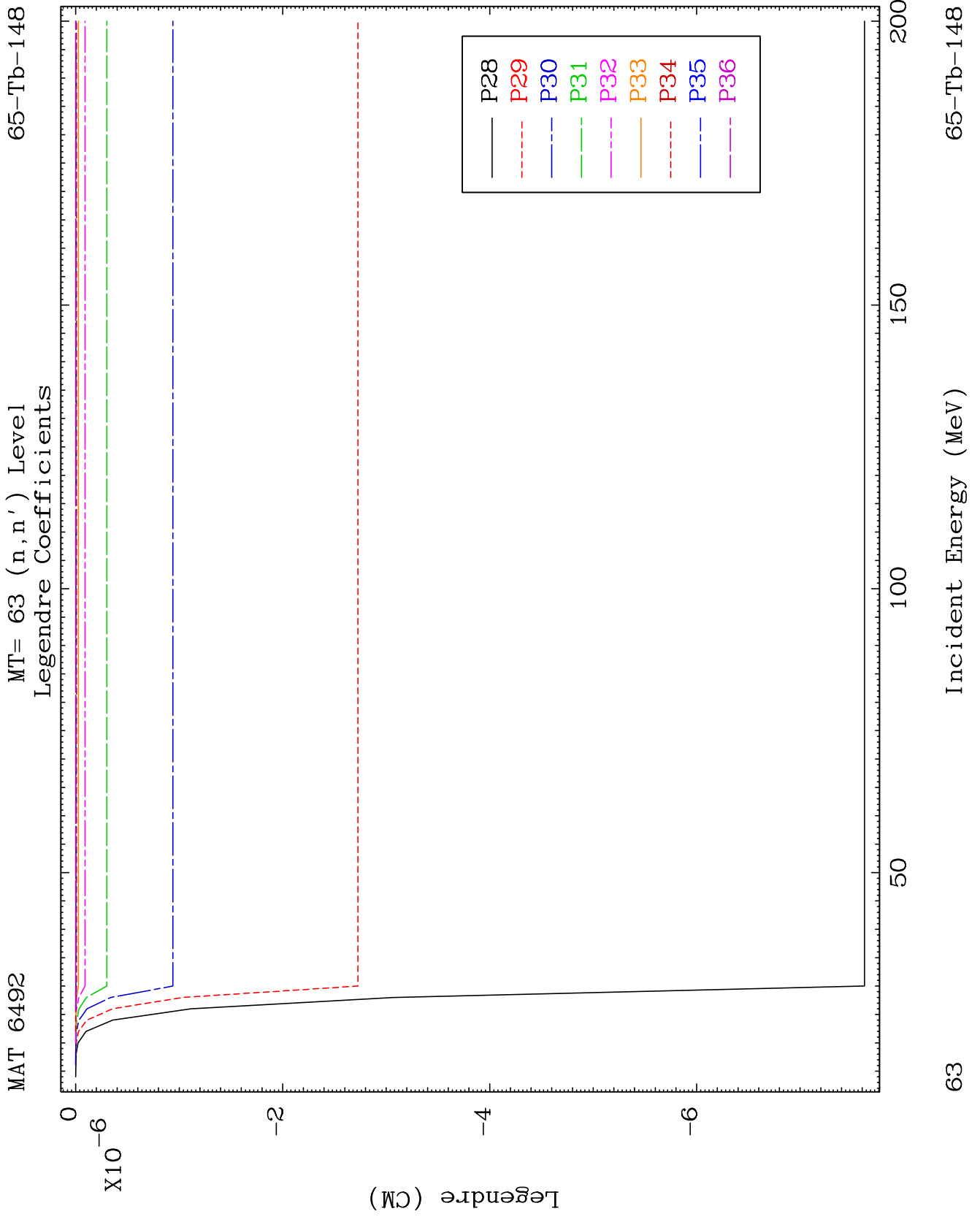
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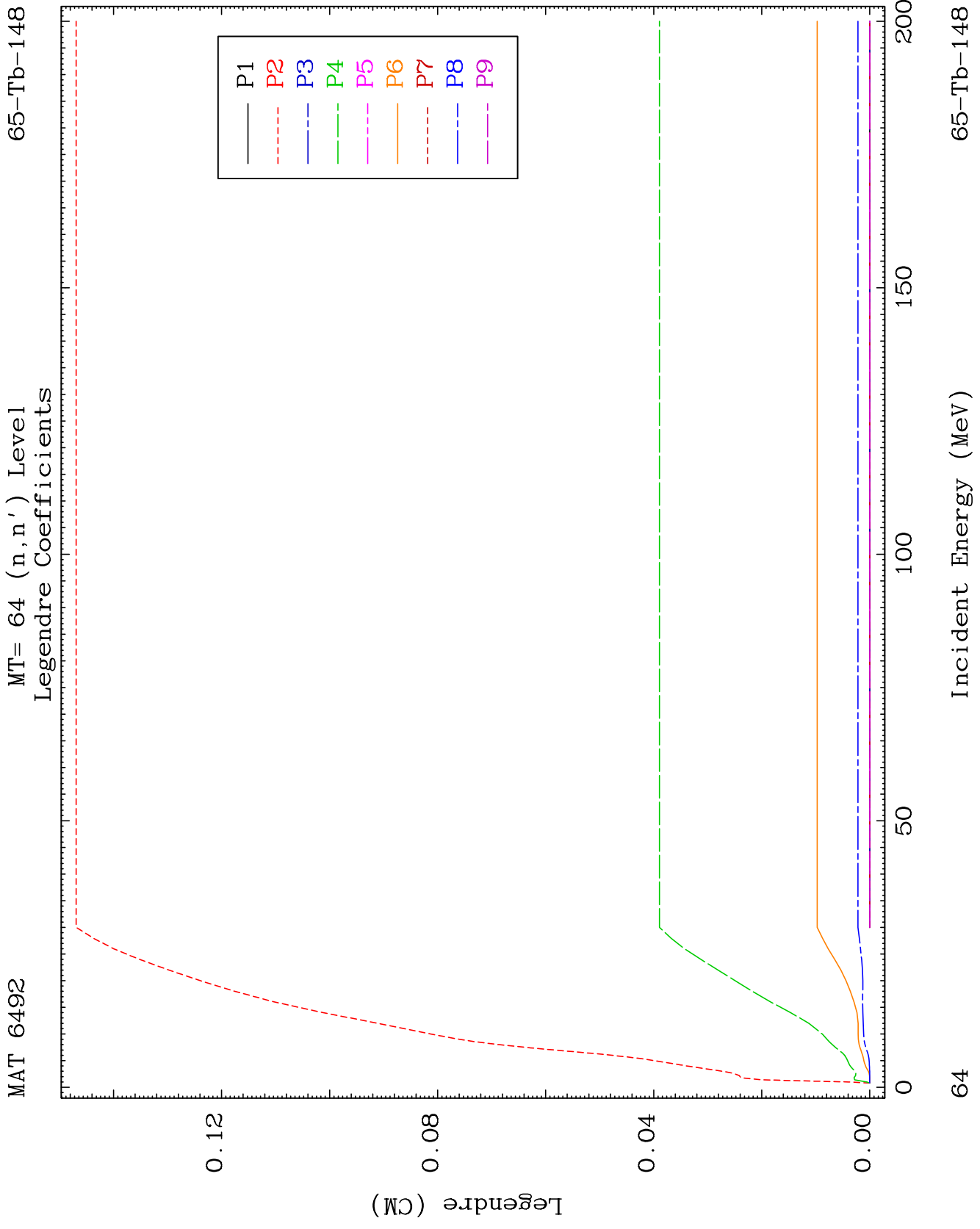


62

Incident Energy (MeV)

65-Tb-148

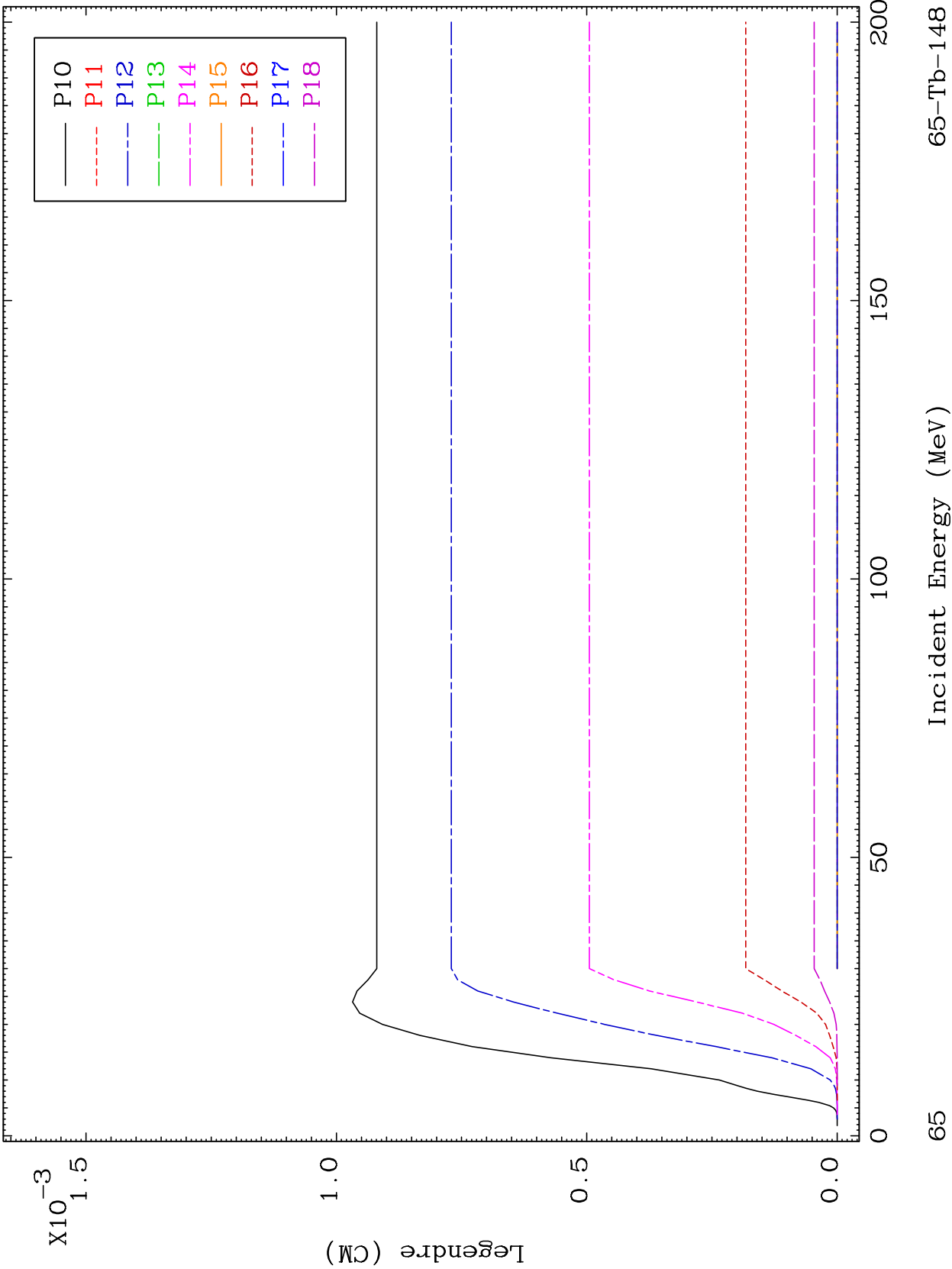


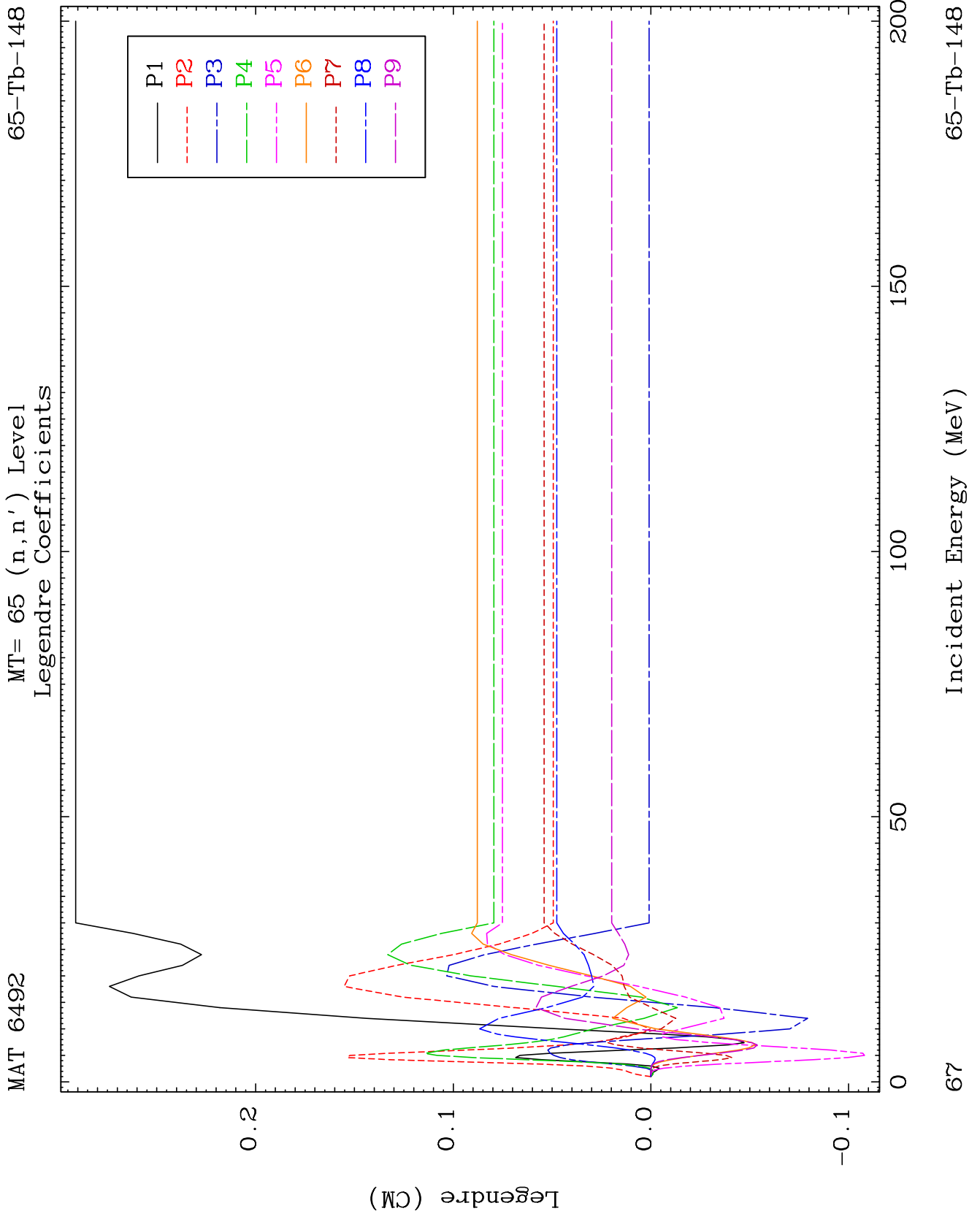


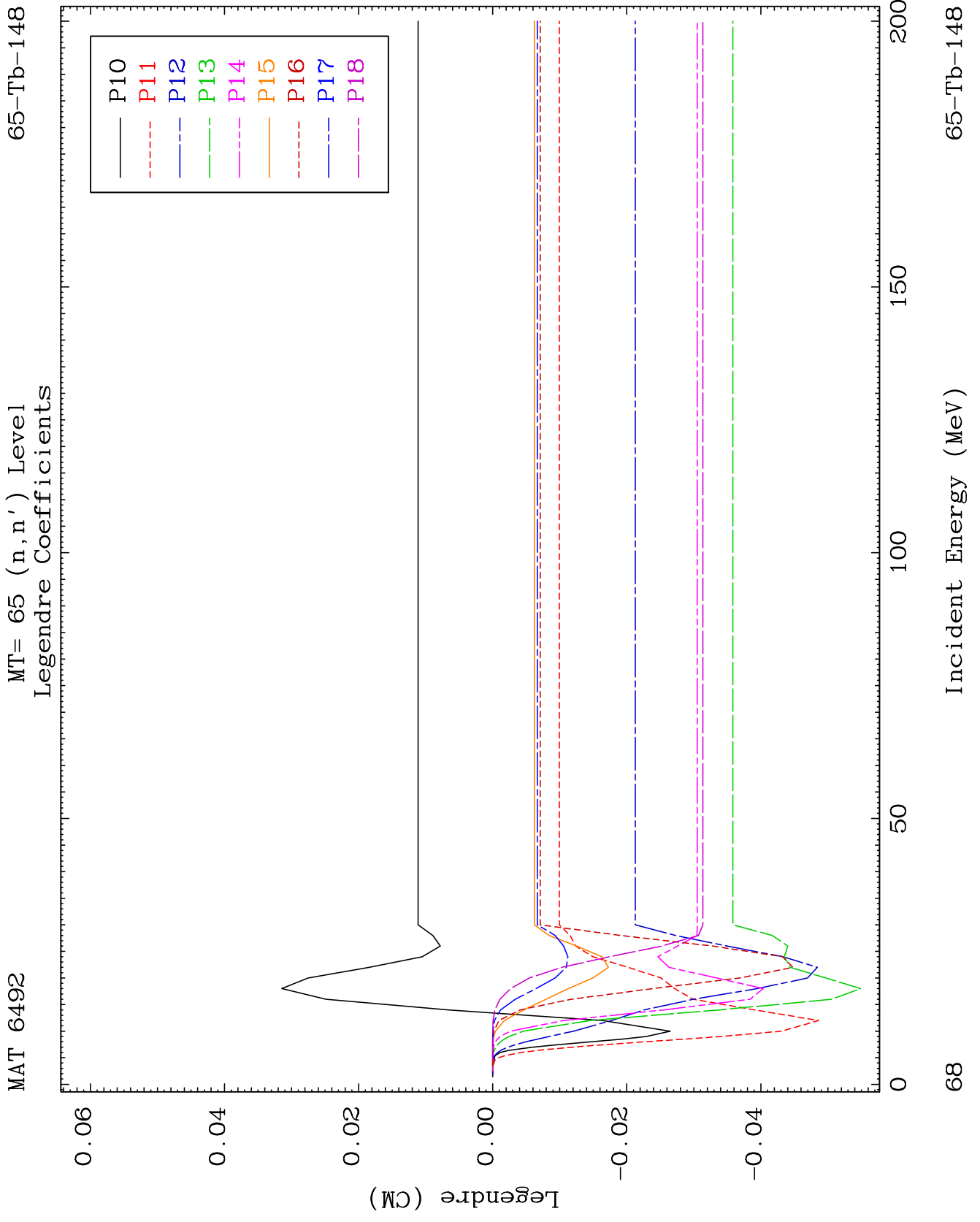
MAT 6492

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

65-Tb-148



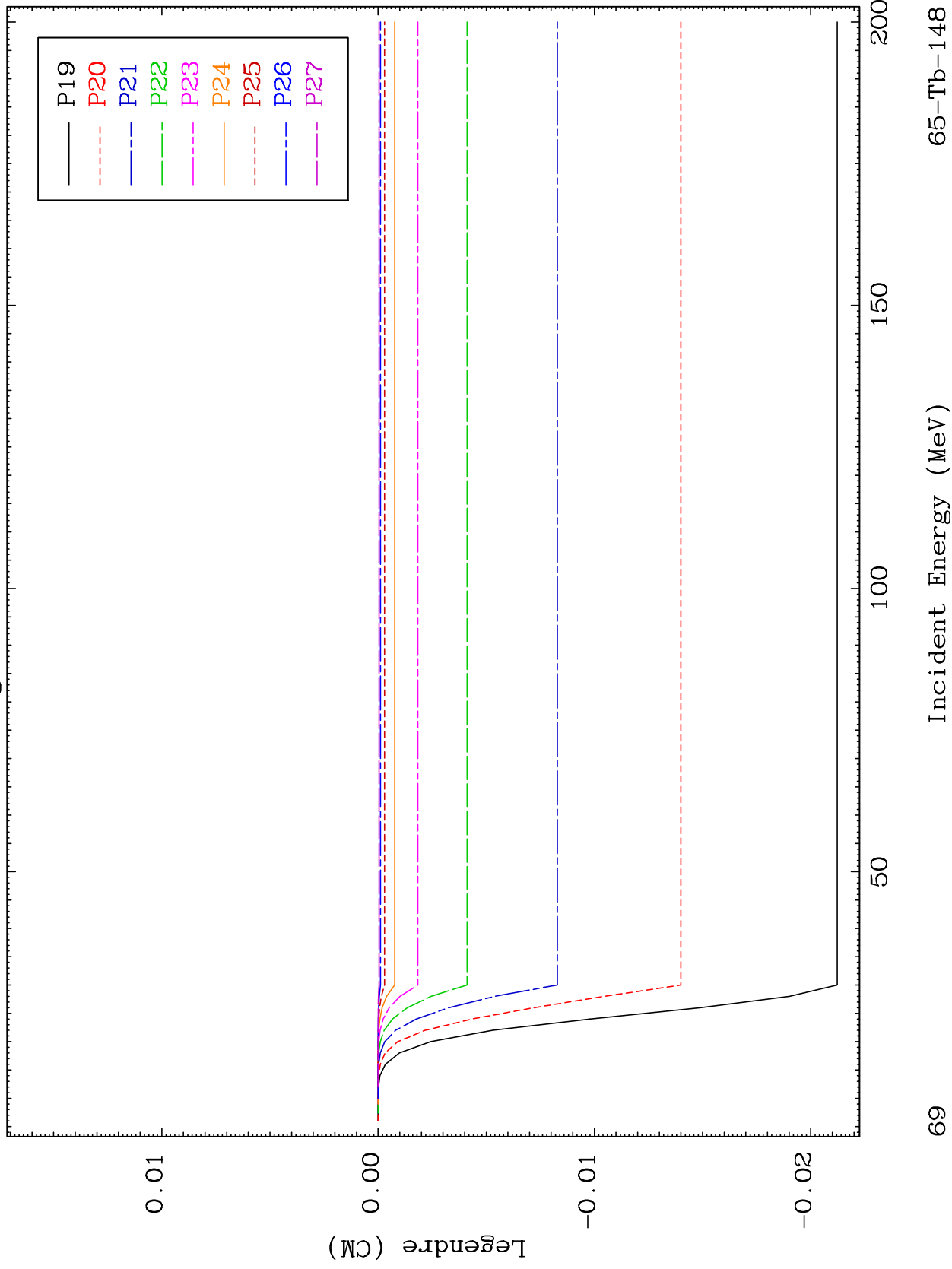




MAT 6492

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

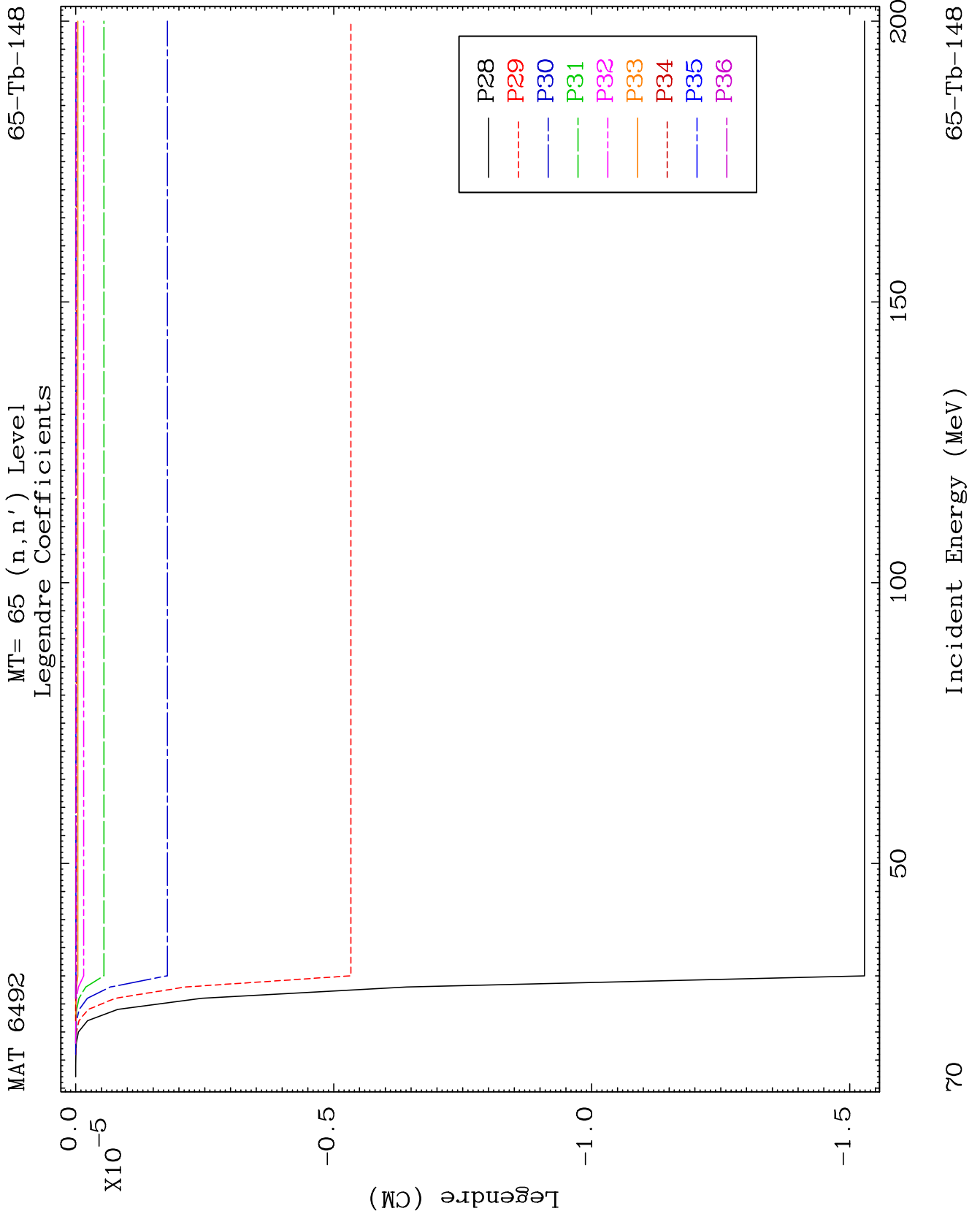
65-Tb-148



69

Incident Energy (MeV)

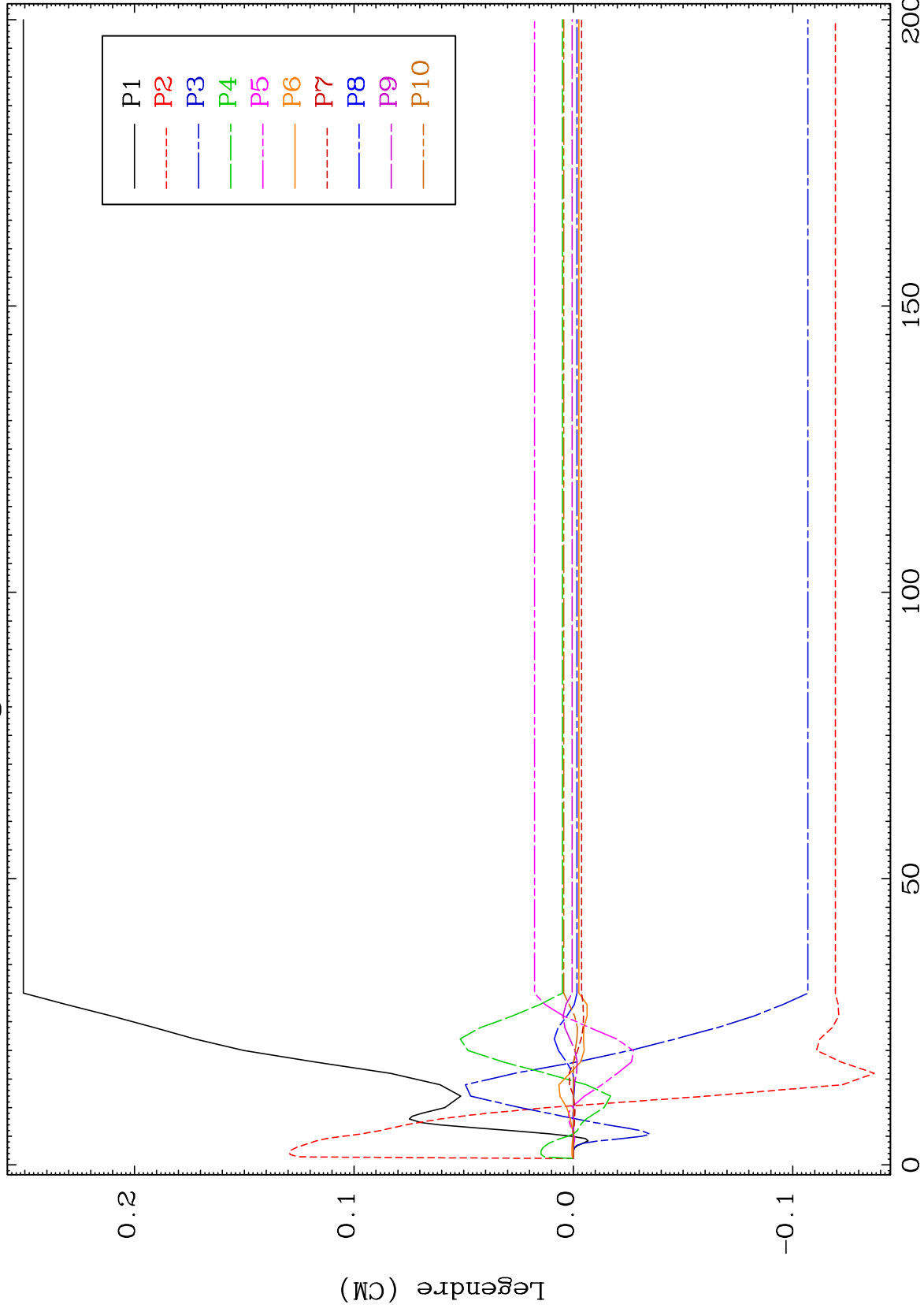
65-Tb-148



MAT 6492

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

65-Tb-148



71

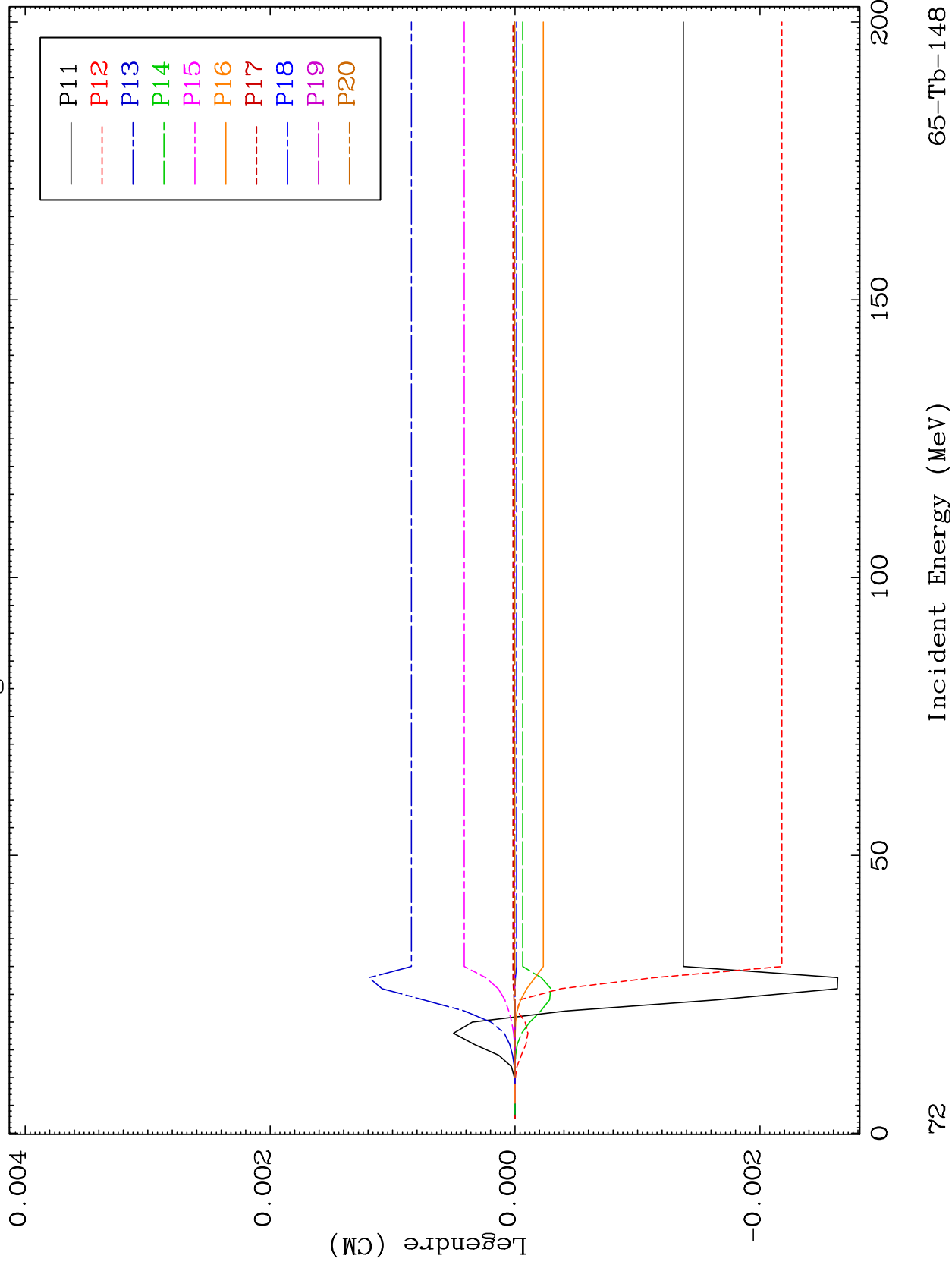
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



72

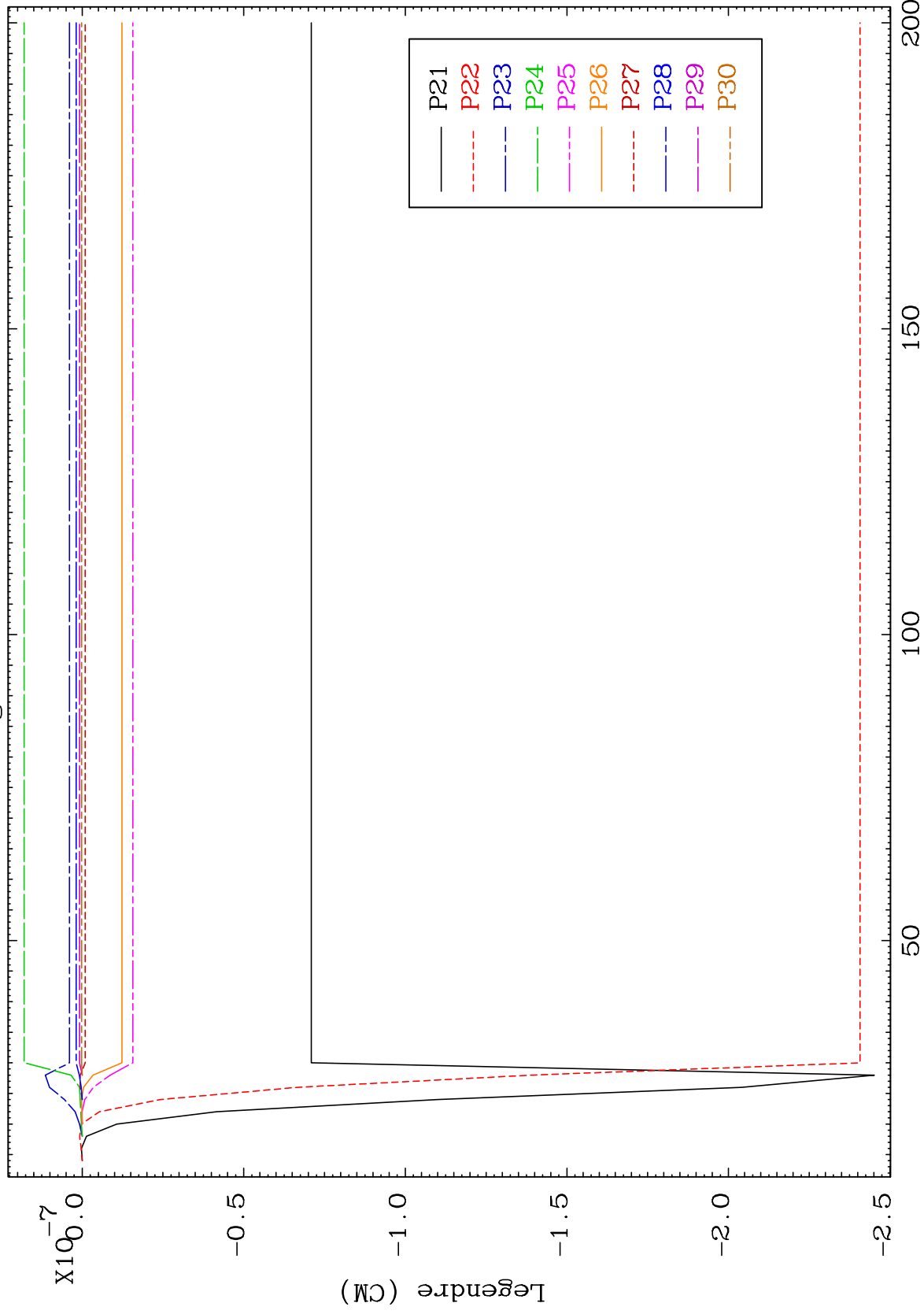
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



73

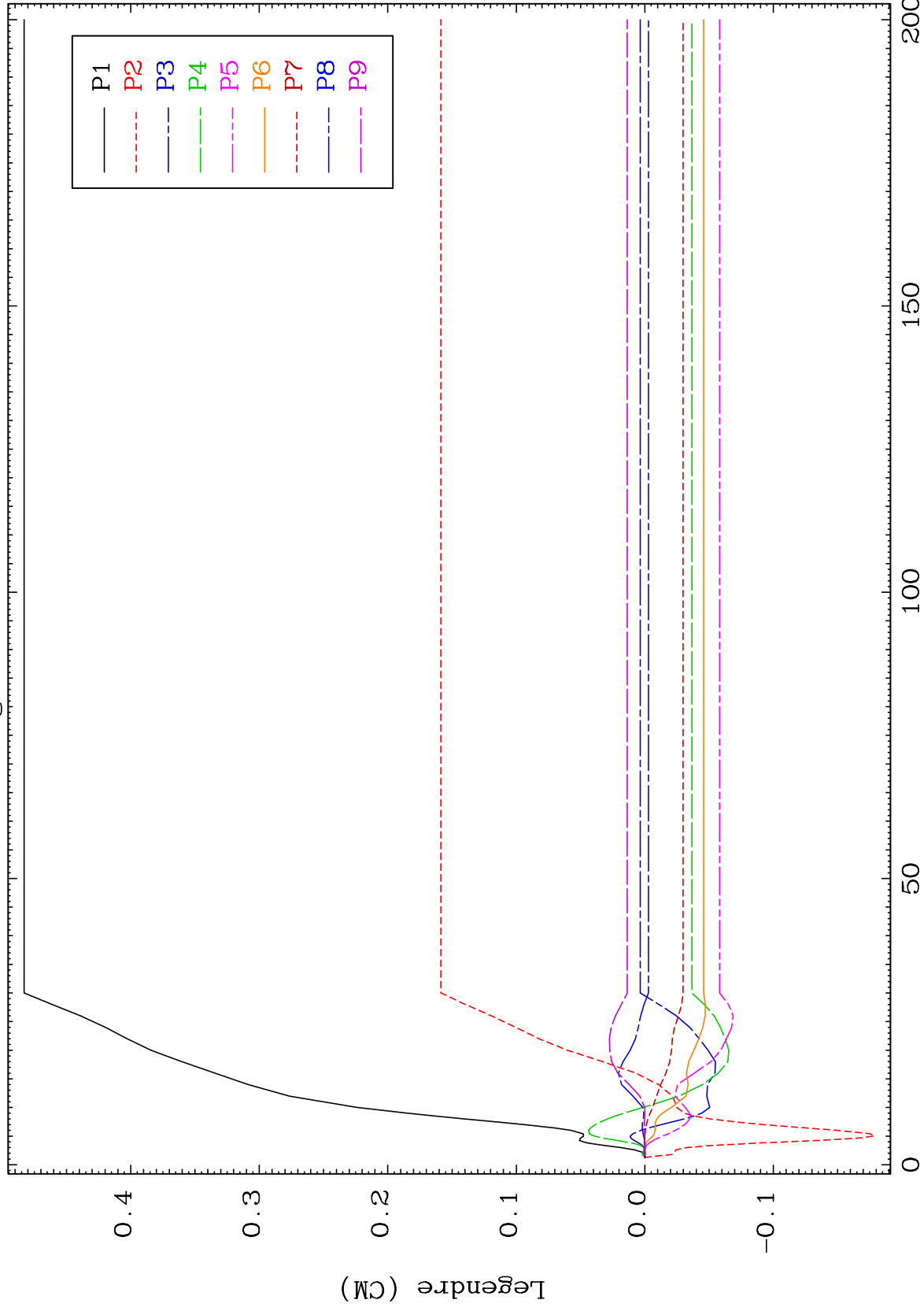
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

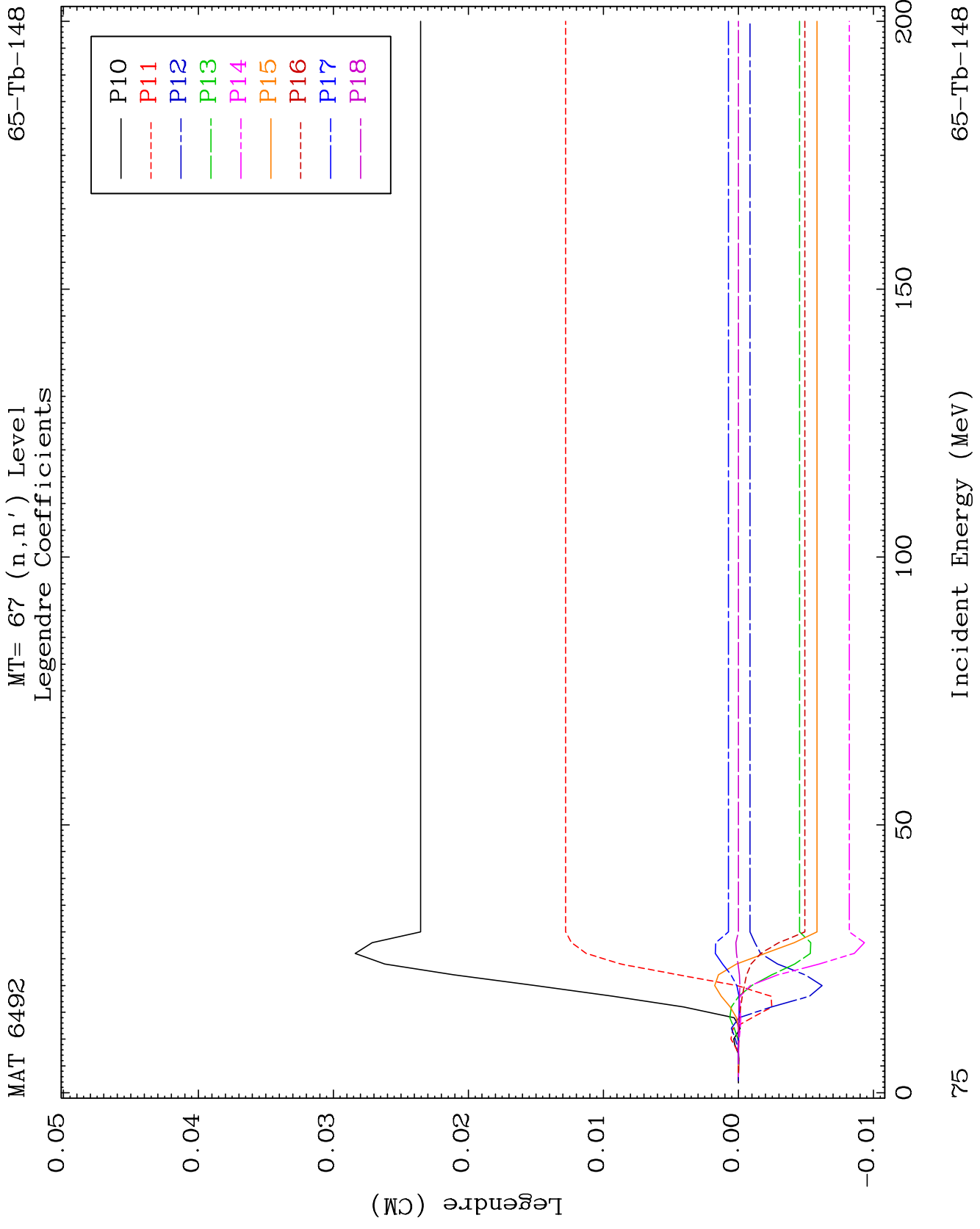
65-Tb-148



74

Incident Energy (MeV)

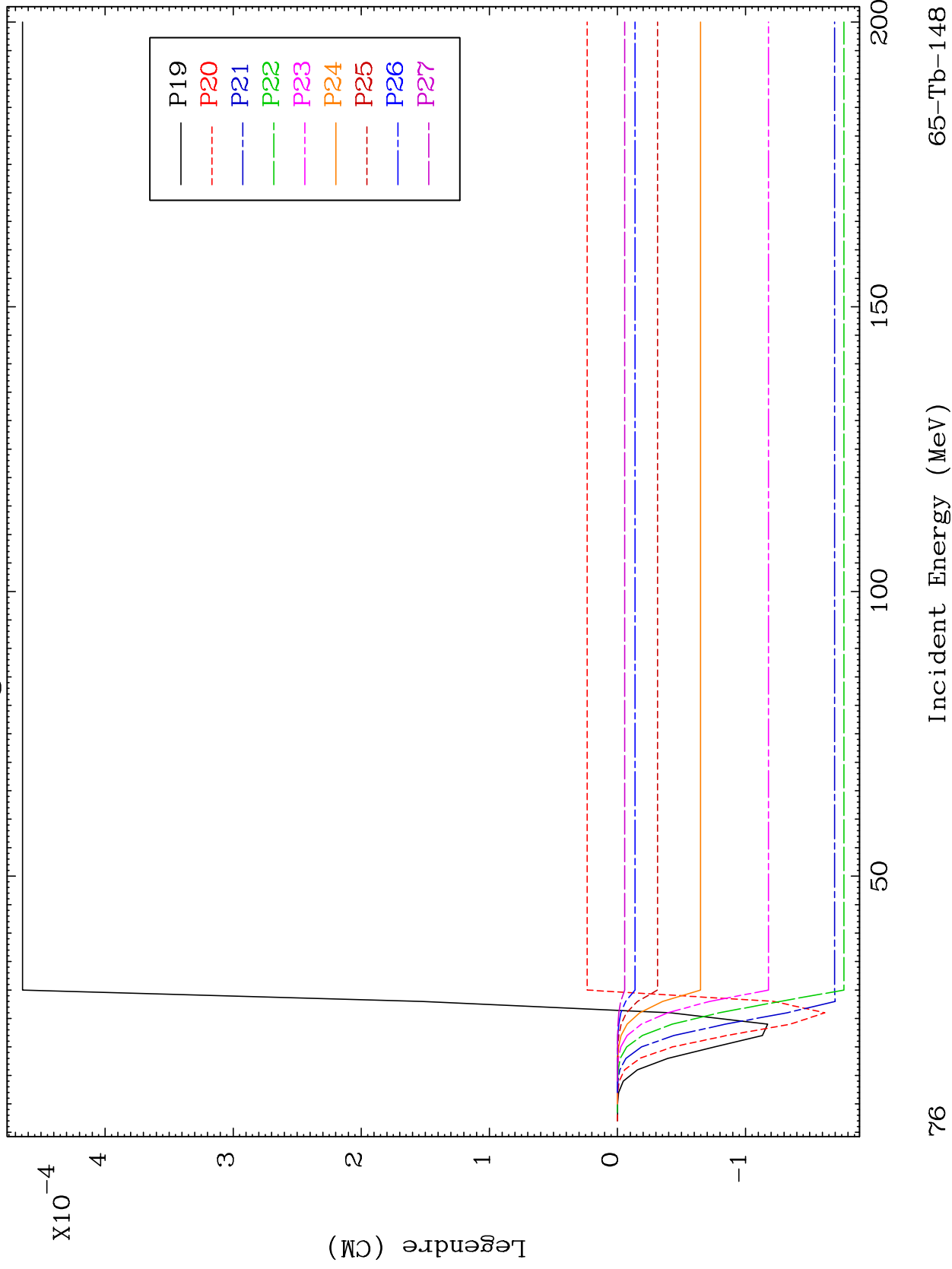
65-Tb-148

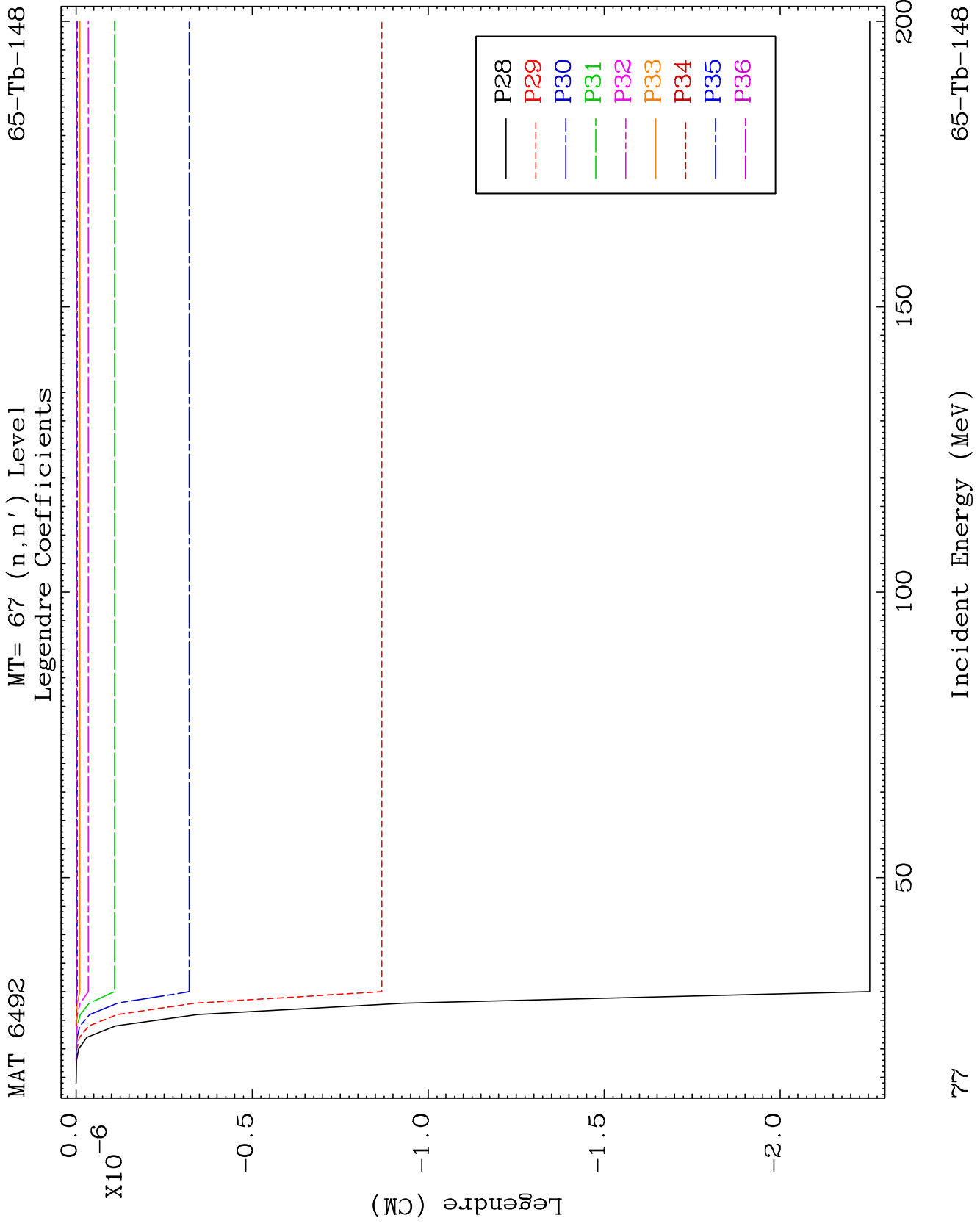


MAT 6492

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

65-Tb-148

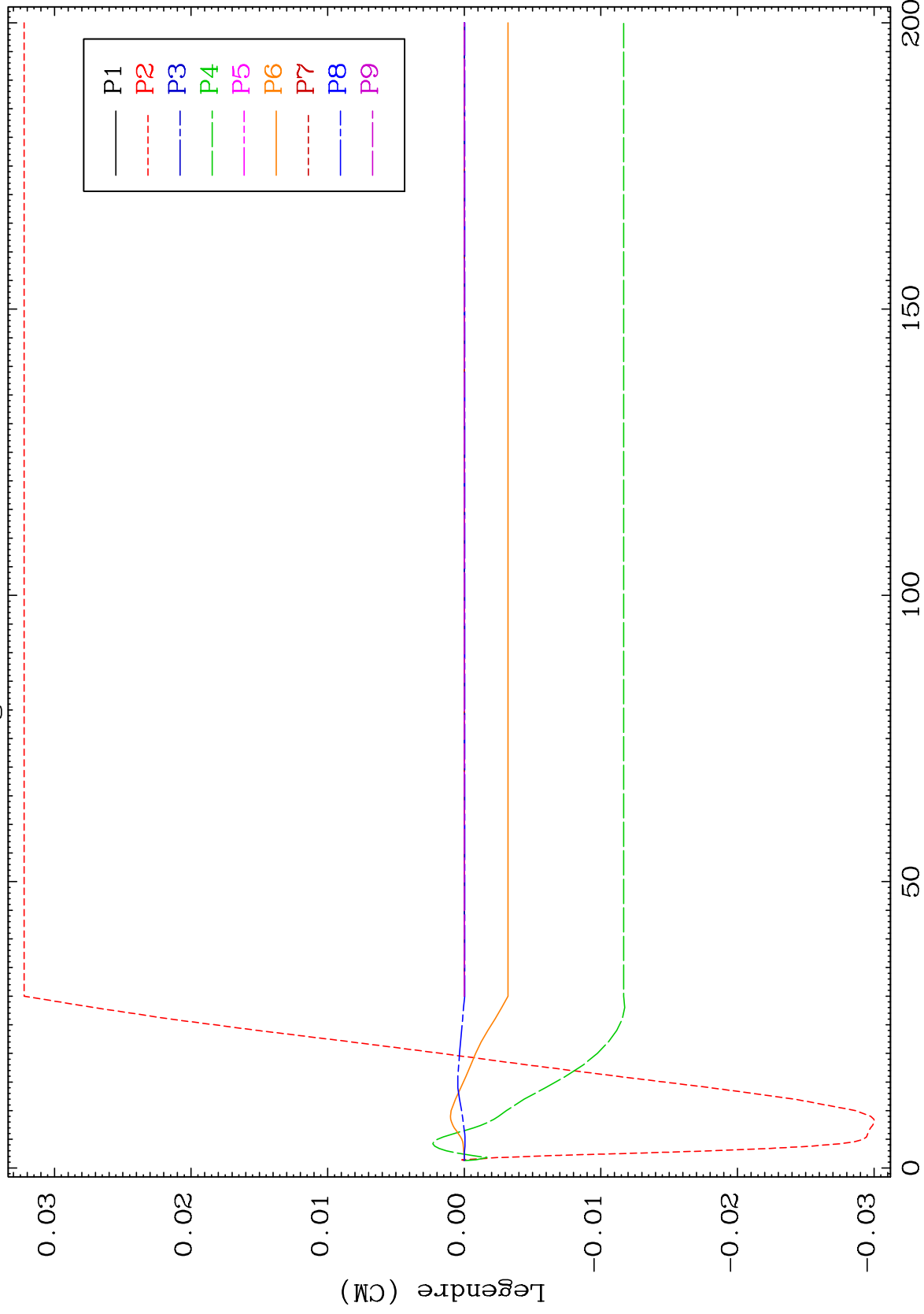




MAT 6492

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

65-Tb-148



78

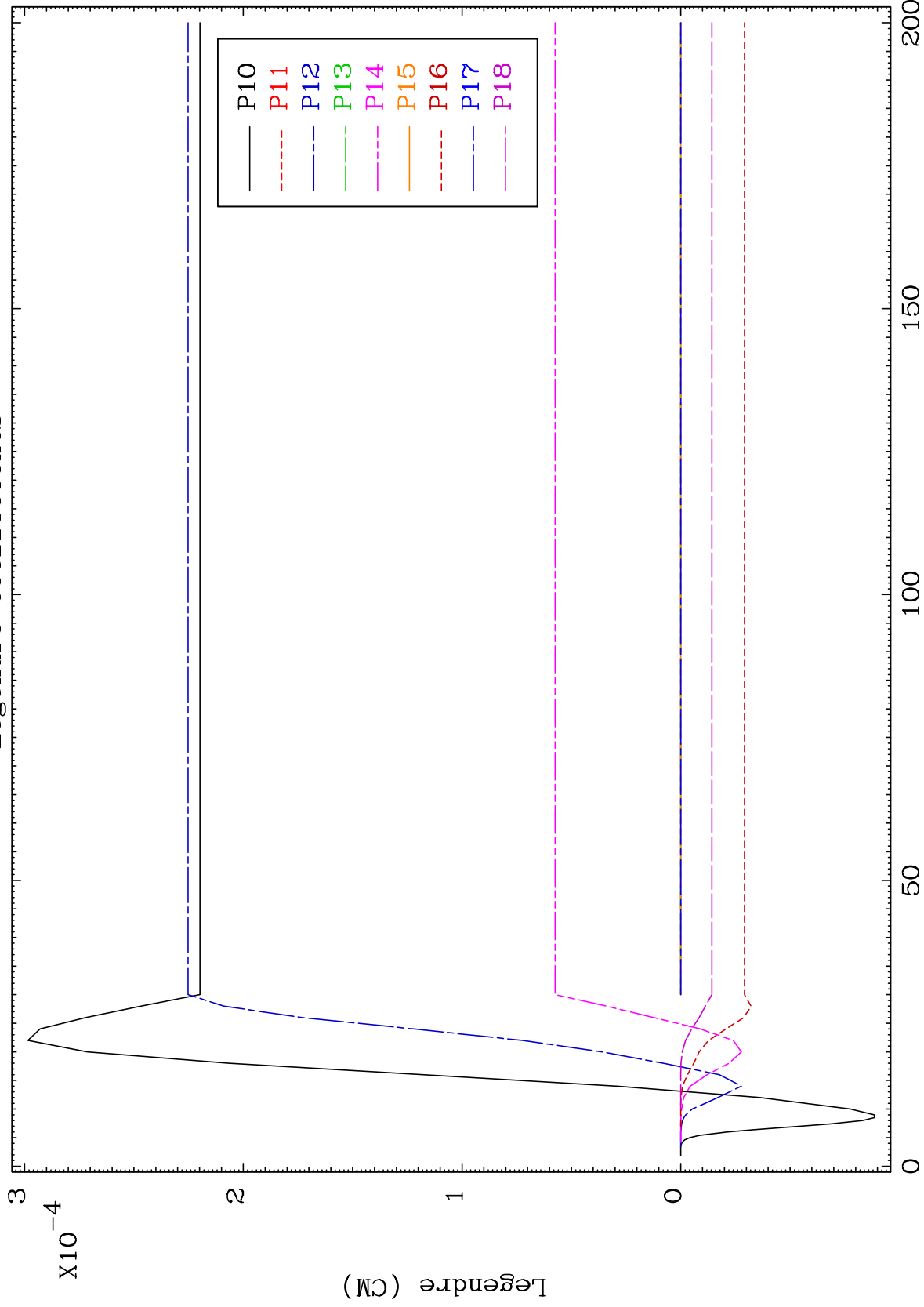
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

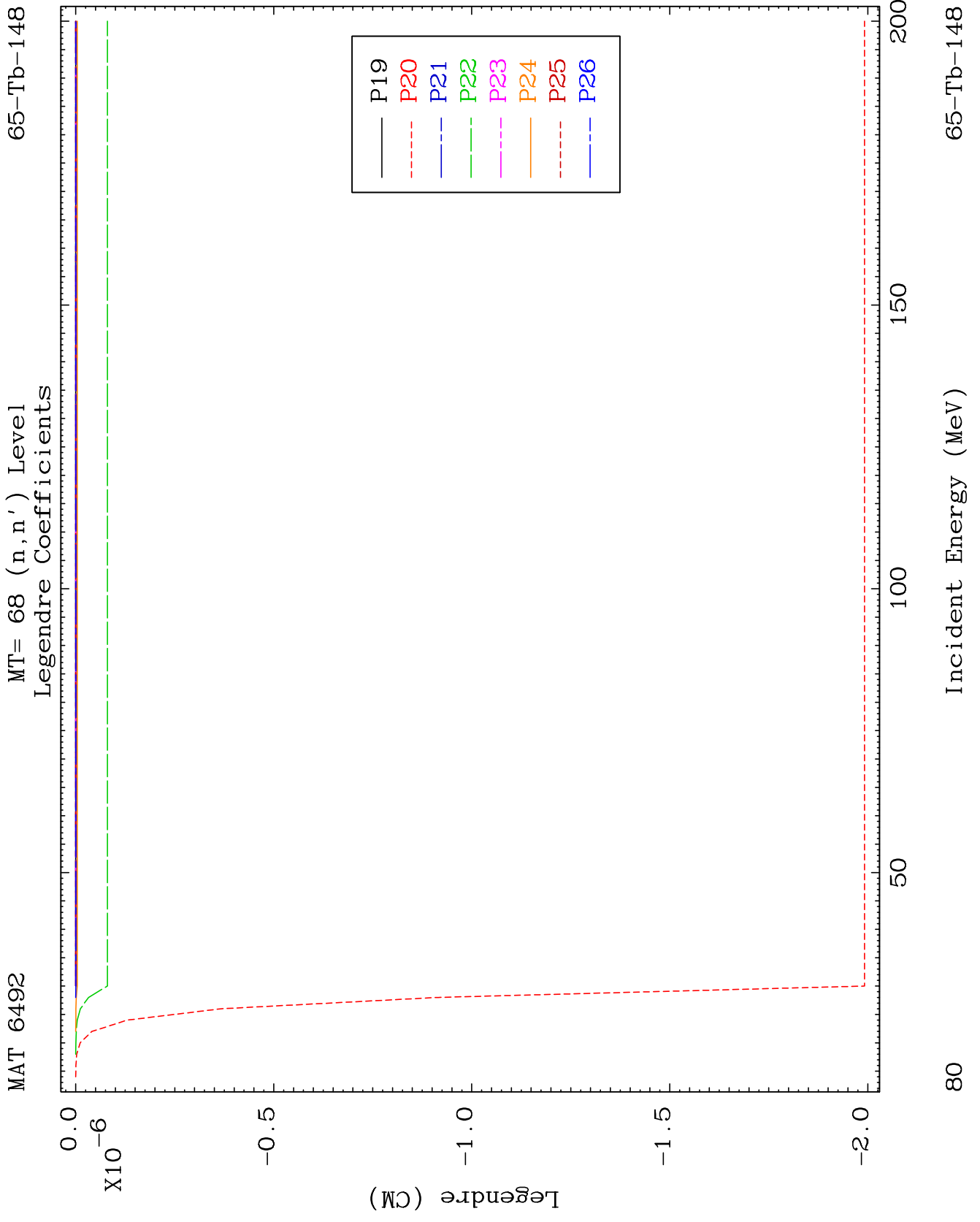
65-Tb-148



79

Incident Energy (MeV)

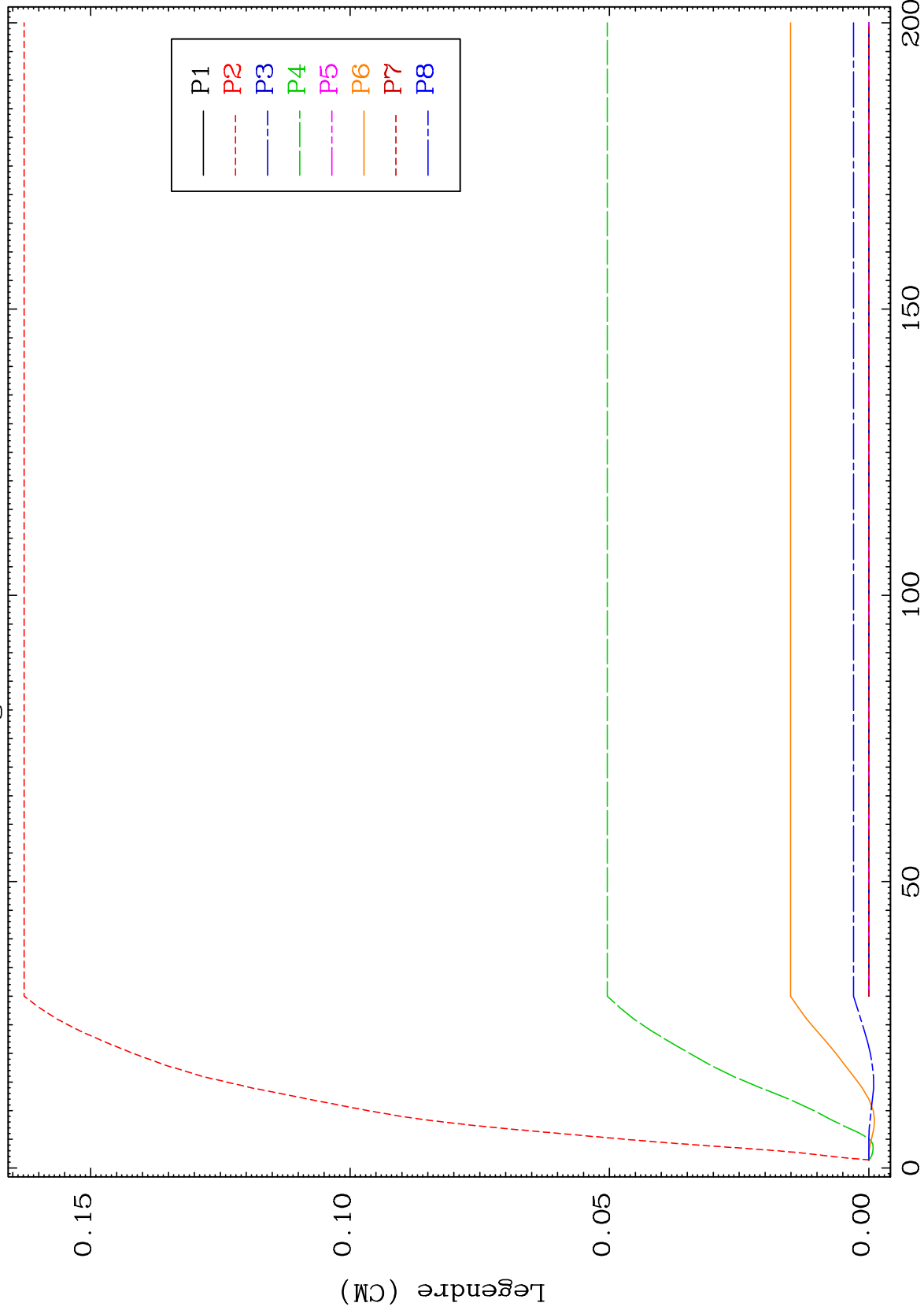
65-Tb-148



MAT 6492

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

65-Tb-148



81

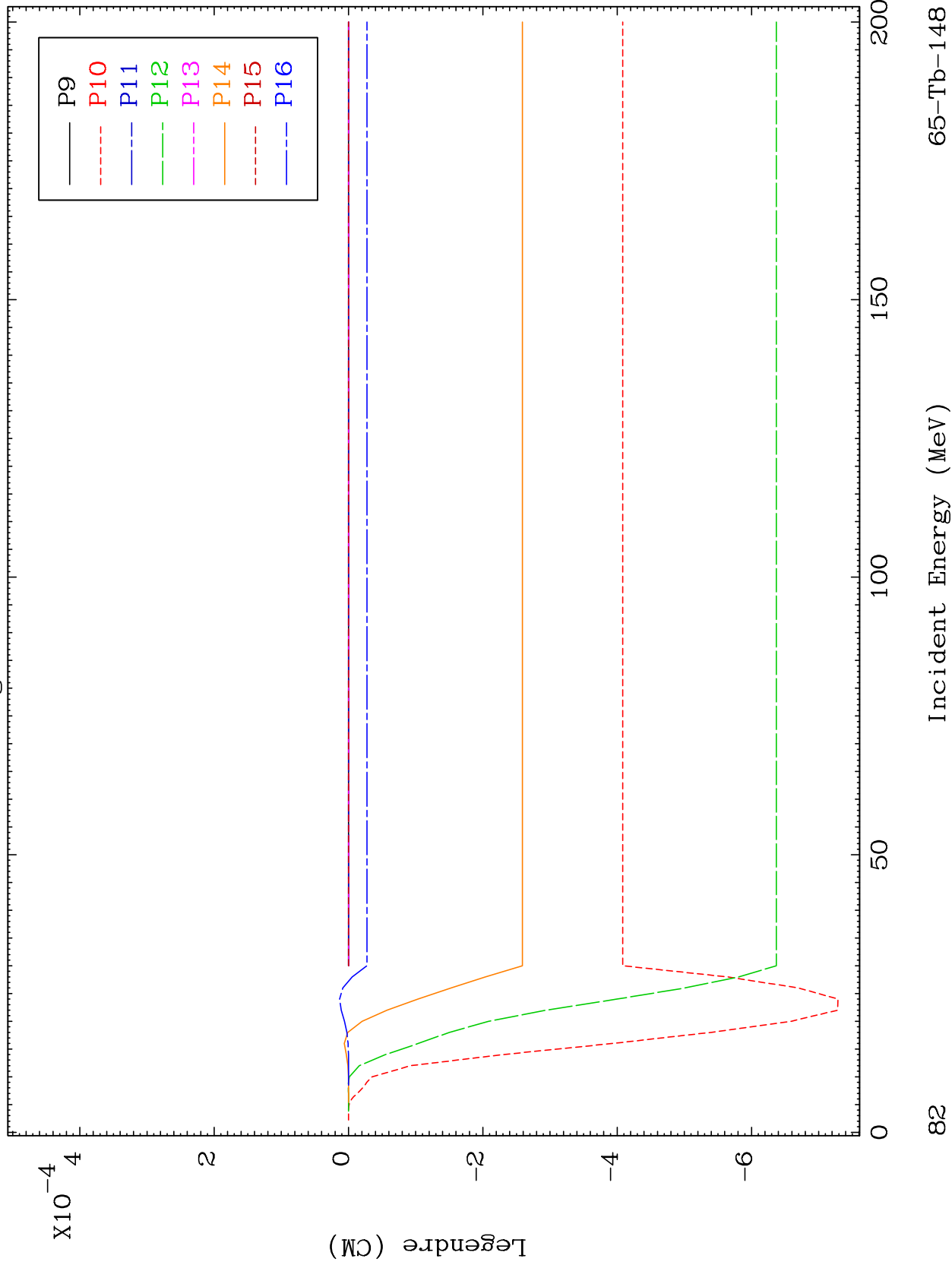
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



82

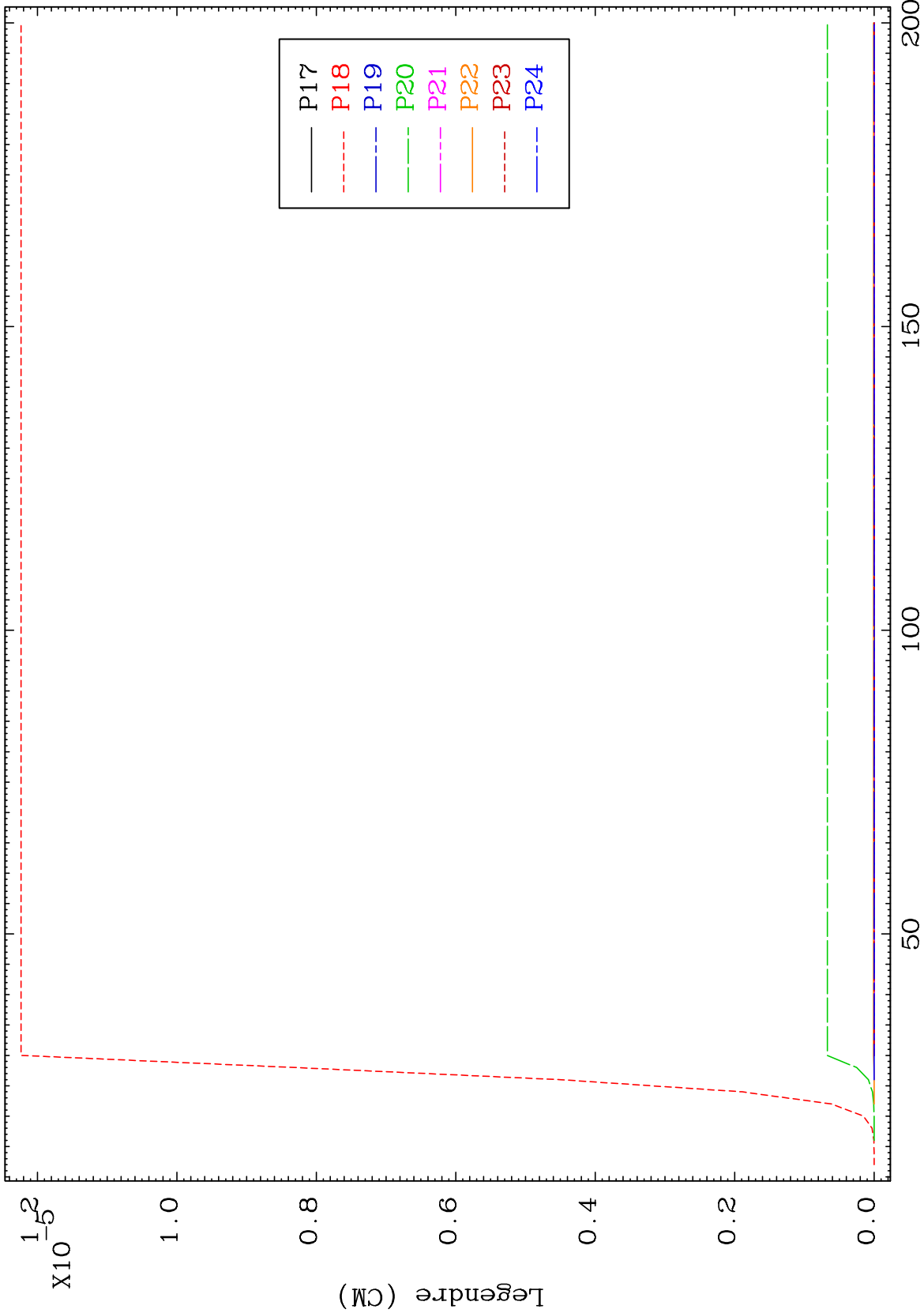
Incident Energy (MeV)

65-Tb-148

MAT 6492

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

65-Tb-148



83

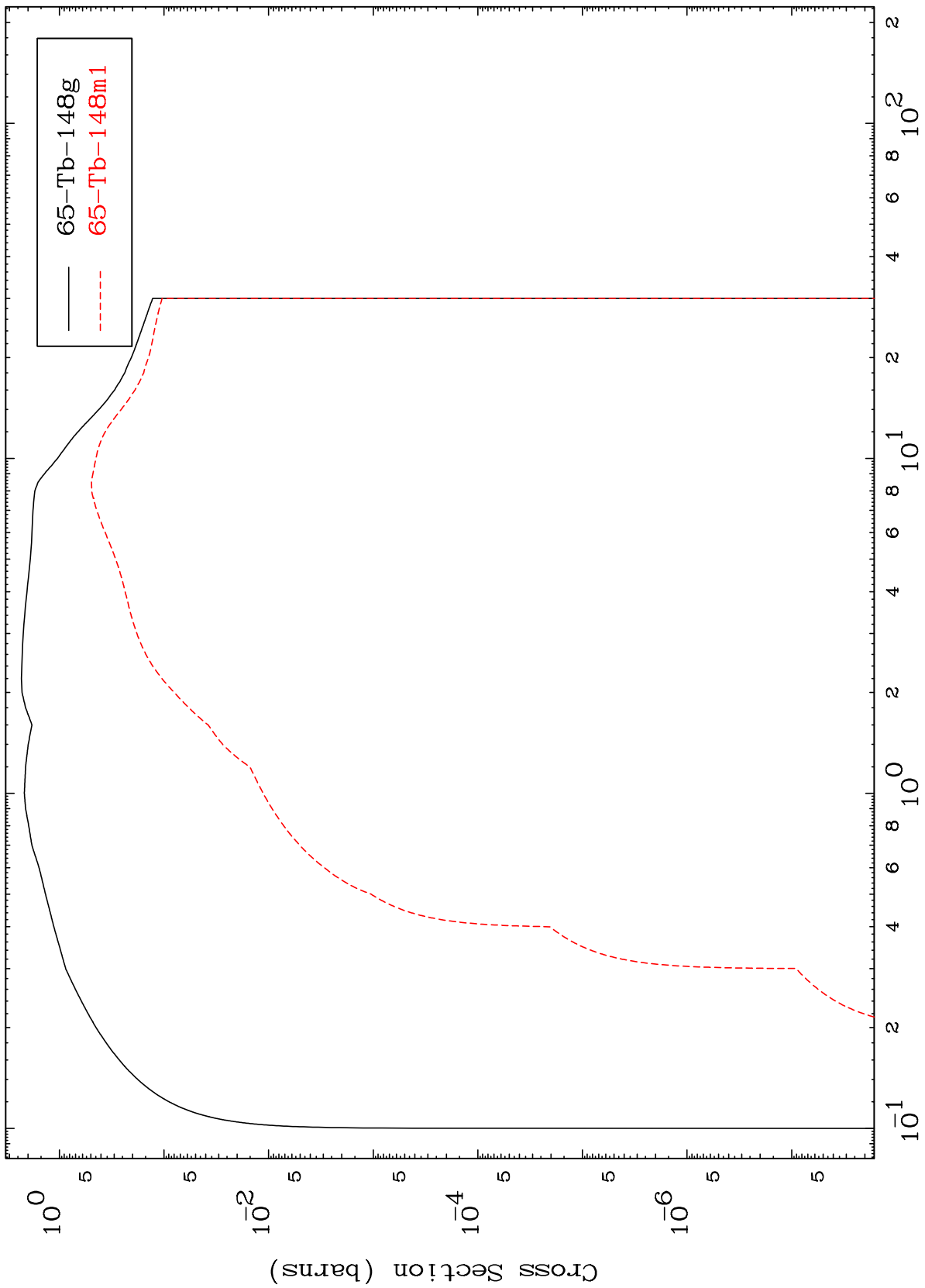
Incident Energy (MeV)

65-Tb-148

MAT 6492

65-Tb-148

Inelastic Radionuclide Production Cross Section



84

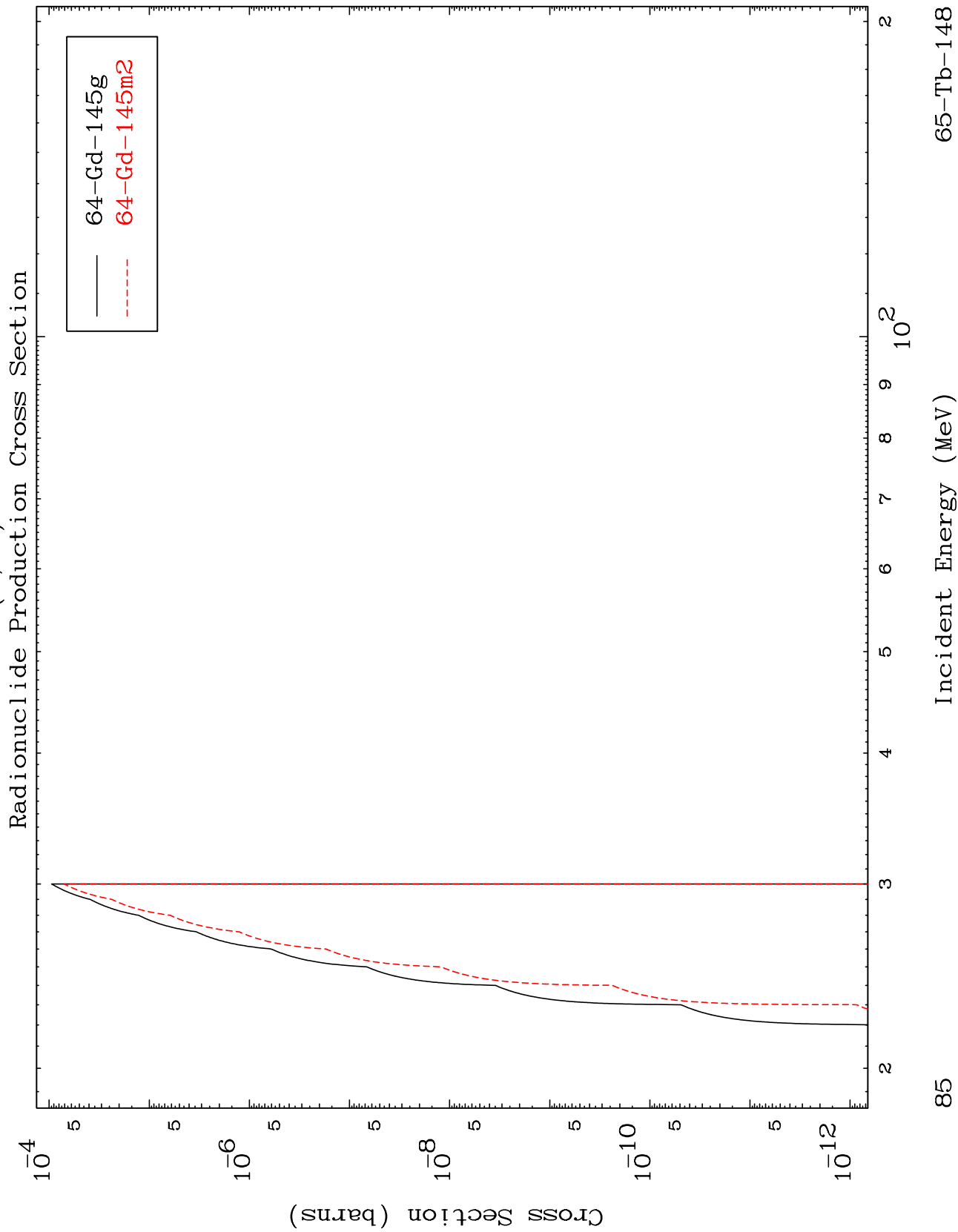
Incident Energy (MeV)

65-Tb-148

MAT 6492

(n,2n) d

65-Tb-148



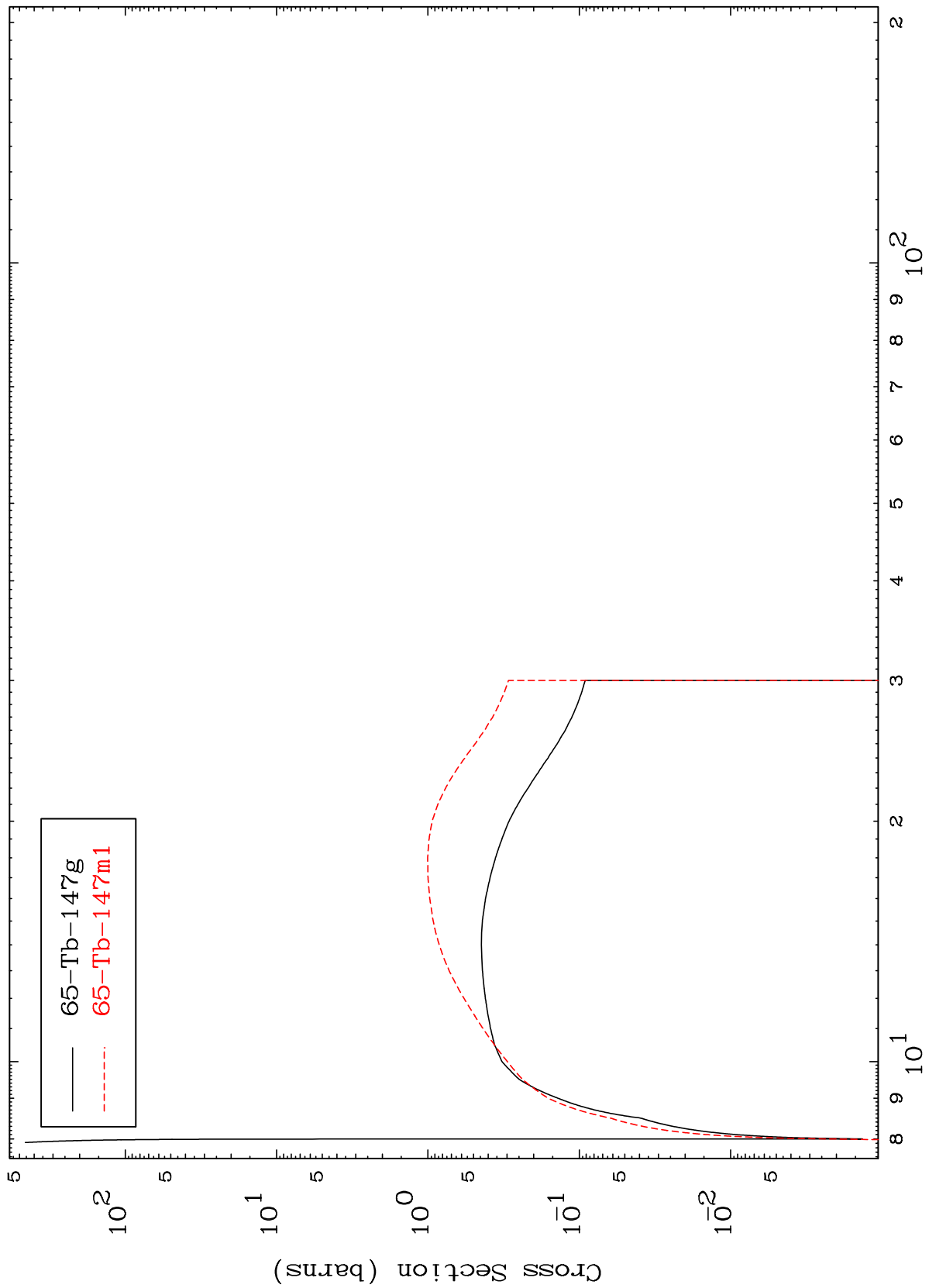
85

65-Tb-148

MAT 6492

65-Tb-148

(n,2n)
Radionuclide Production Cross Section



65-Tb-147g
65-Tb-147m1

65-Tb-148

Incident Energy (MeV)

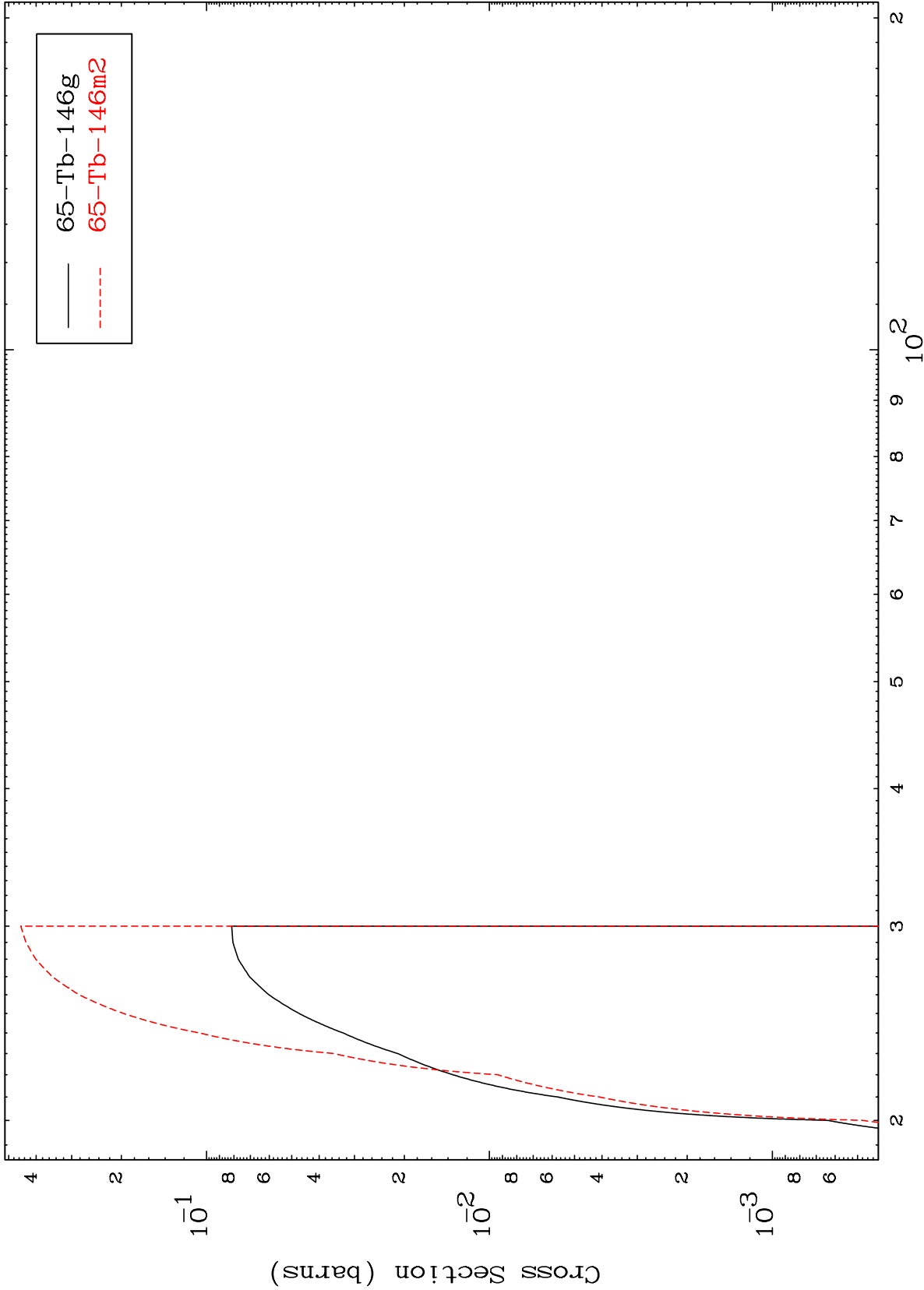
86

MAT 6492

(n,3n)

65-Tb-148

Radionuclide Production Cross Section



87

Incident Energy (MeV)

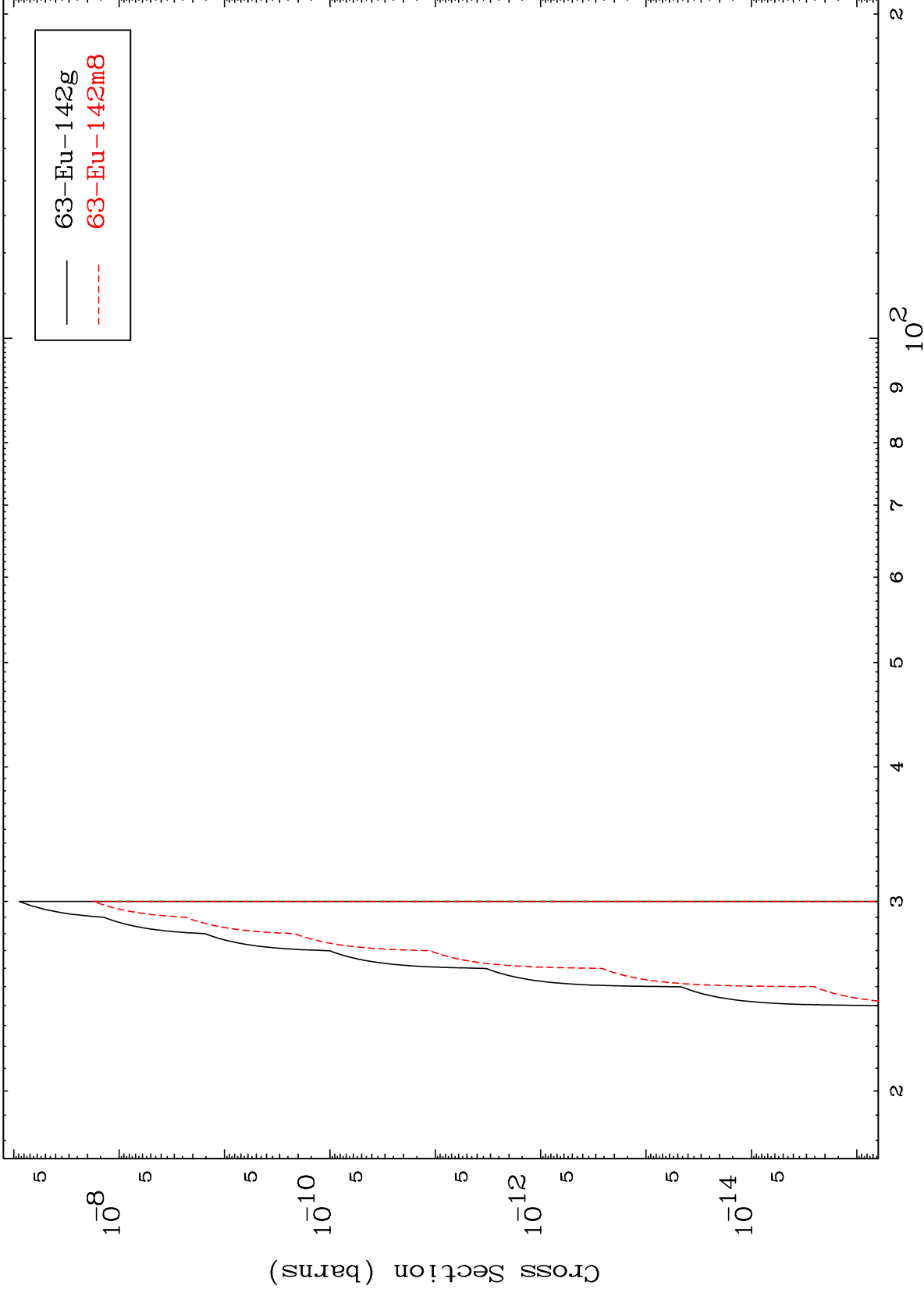
65-Tb-148

MAT 6492

(n,3n) α

65-Tb-148

Radionuclide Production Cross Section



88

Incident Energy (MeV)

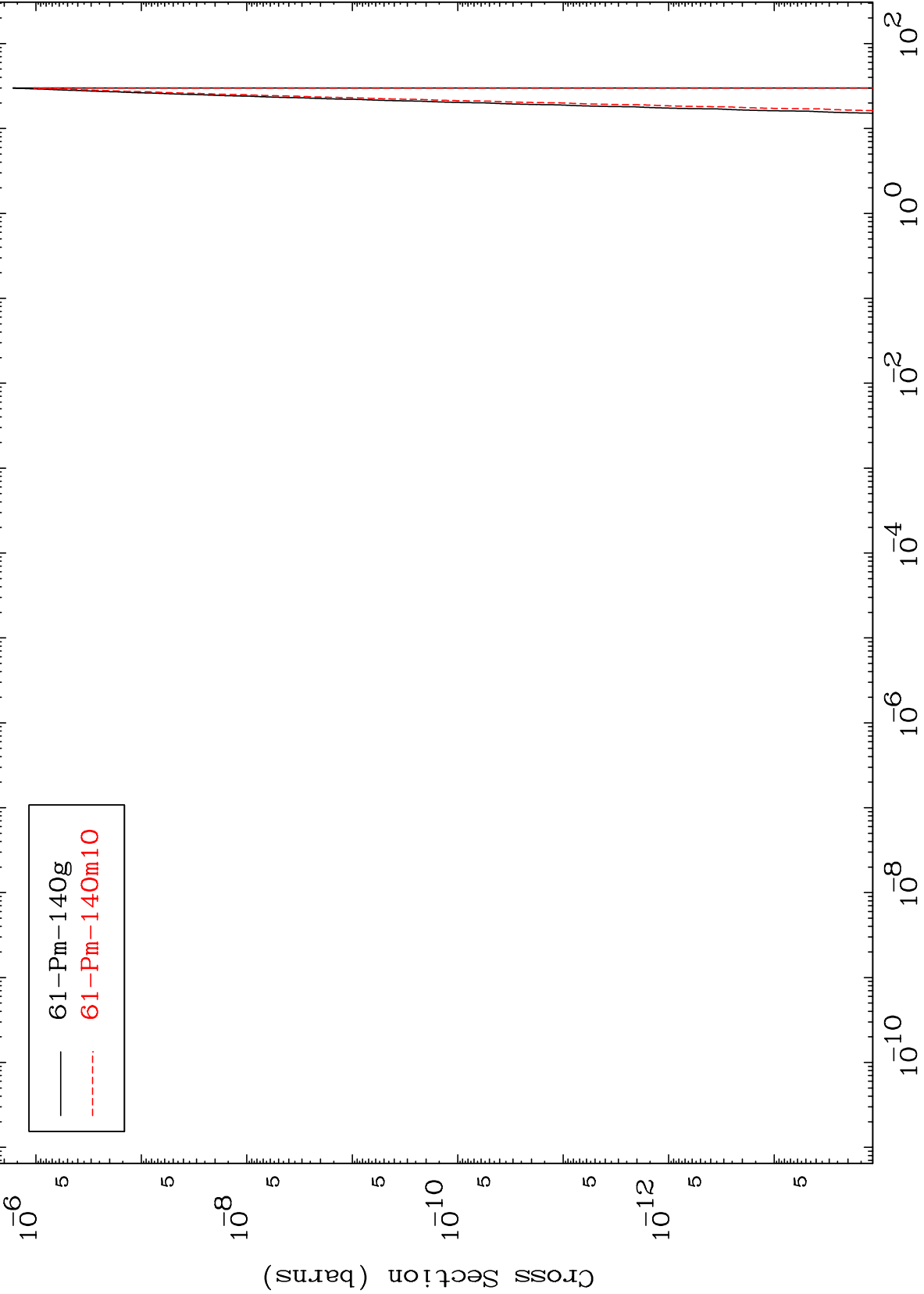
65-Tb-148

MAT 6492

(n,n') 2α

65-Tb-148

Radionuclide Production Cross Section



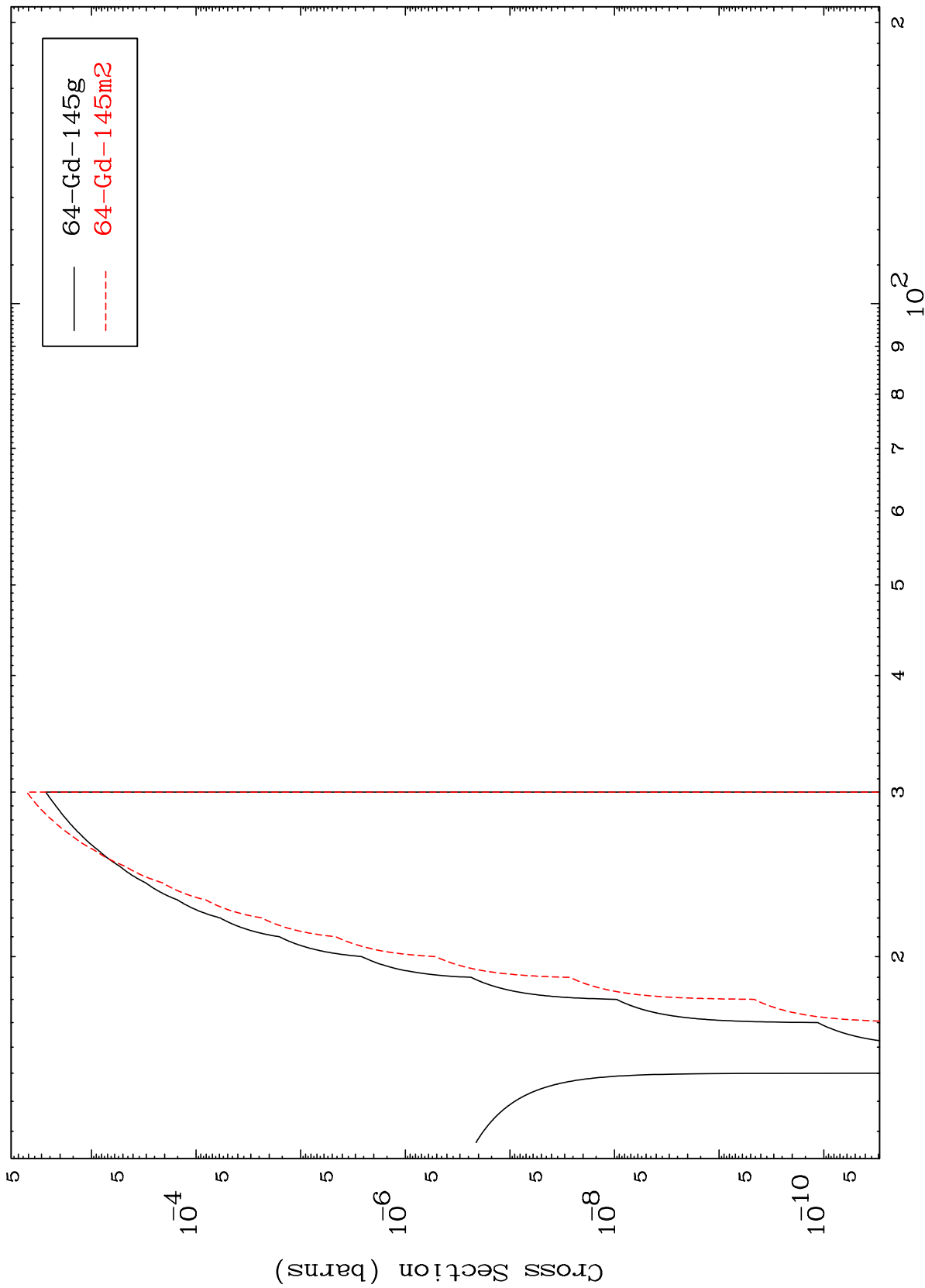
61-Pm-140g
61-Pm-140m10

MAT 6492

(n,n') t

65-Tb-148

Radionuclide Production Cross Section



90

Incident Energy (MeV)

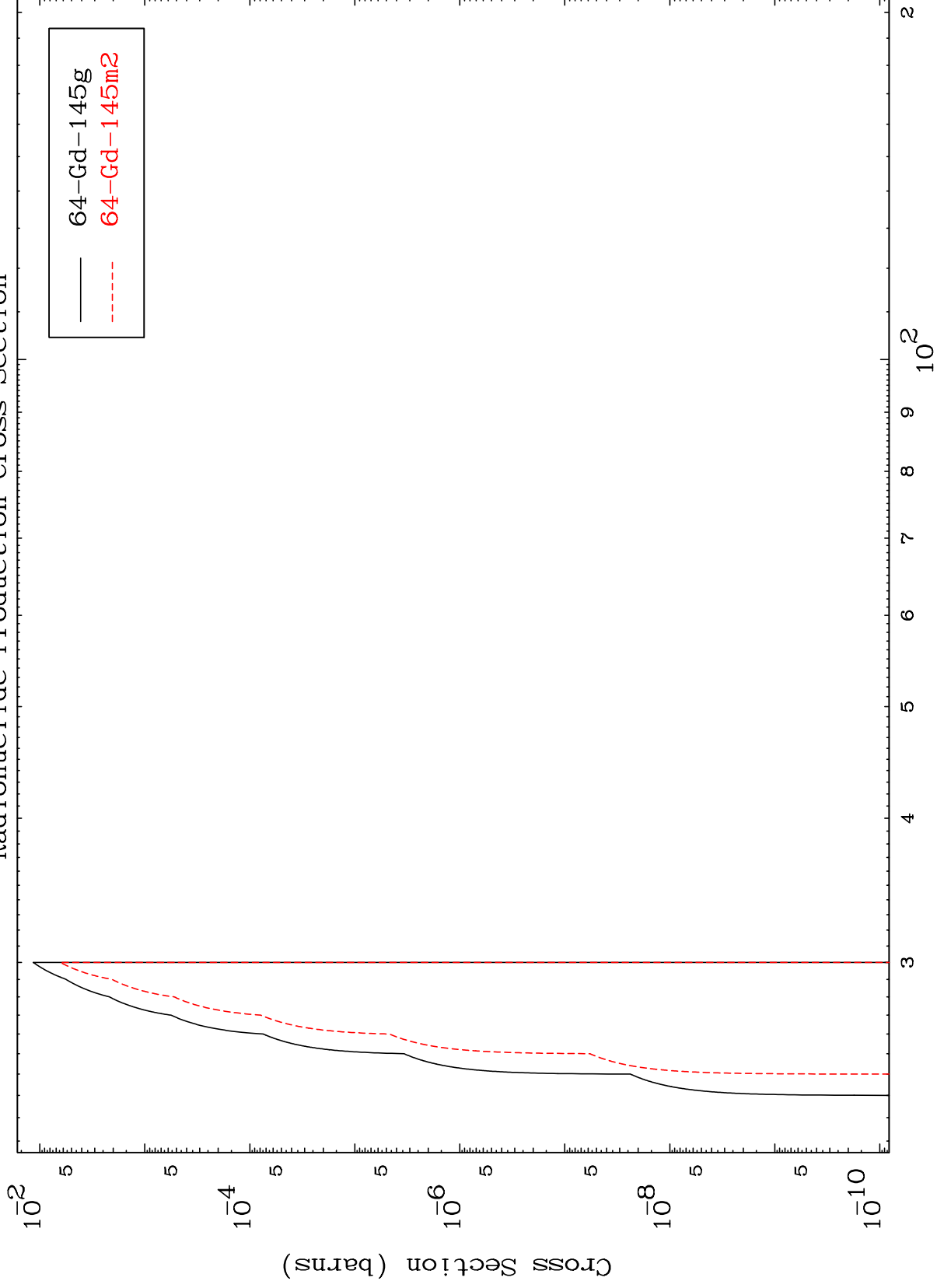
65-Tb-148

MAT 6492

(n,3n) p

65-Tb-148

Radionuclide Production Cross Section



91

Incident Energy (MeV)

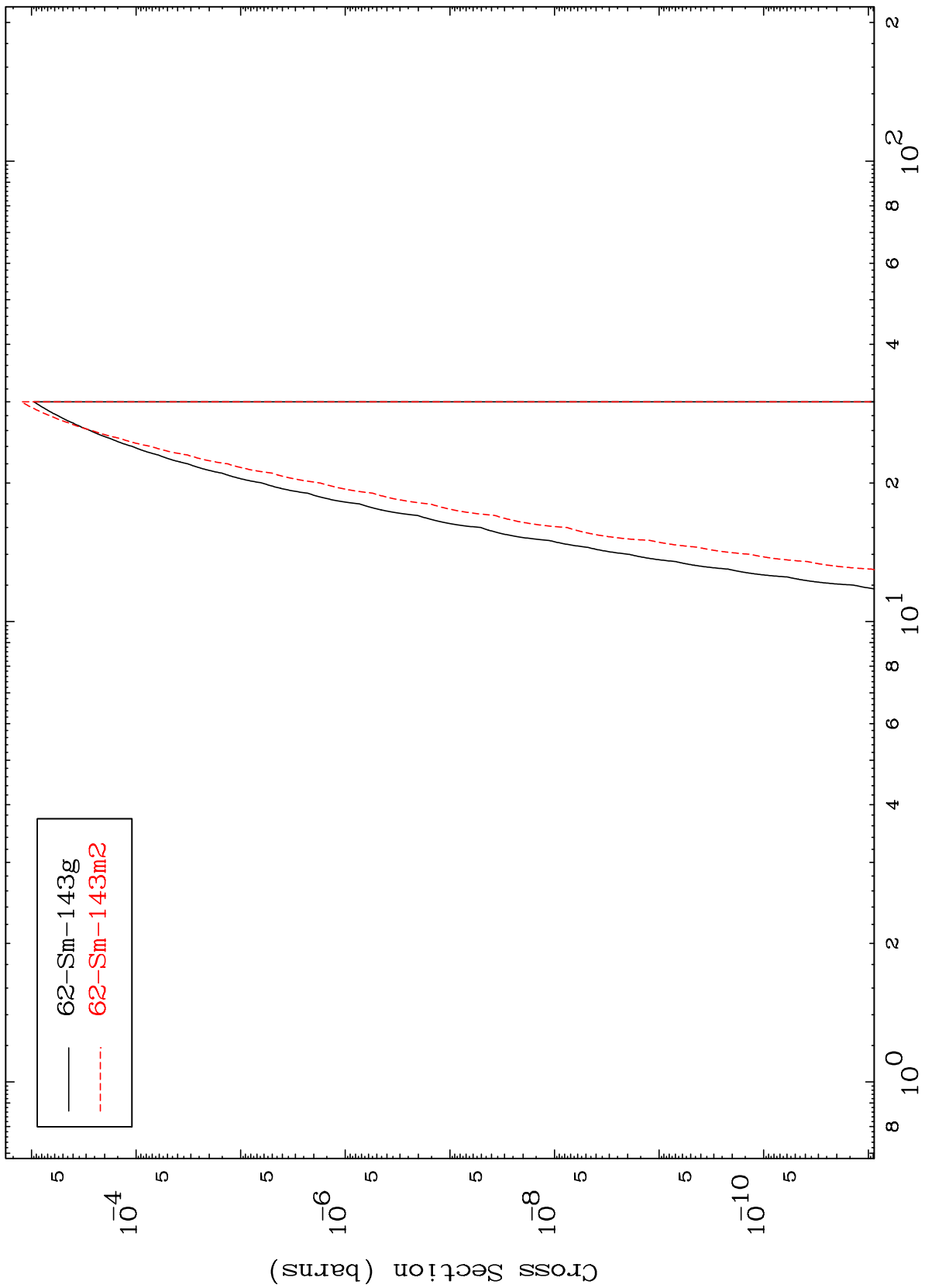
65-Tb-148

MAT 6492

(n,n') p α

65-Tb-148

Radionuclide Production Cross Section



62-Sm-143g
62-Sm-143m2

92

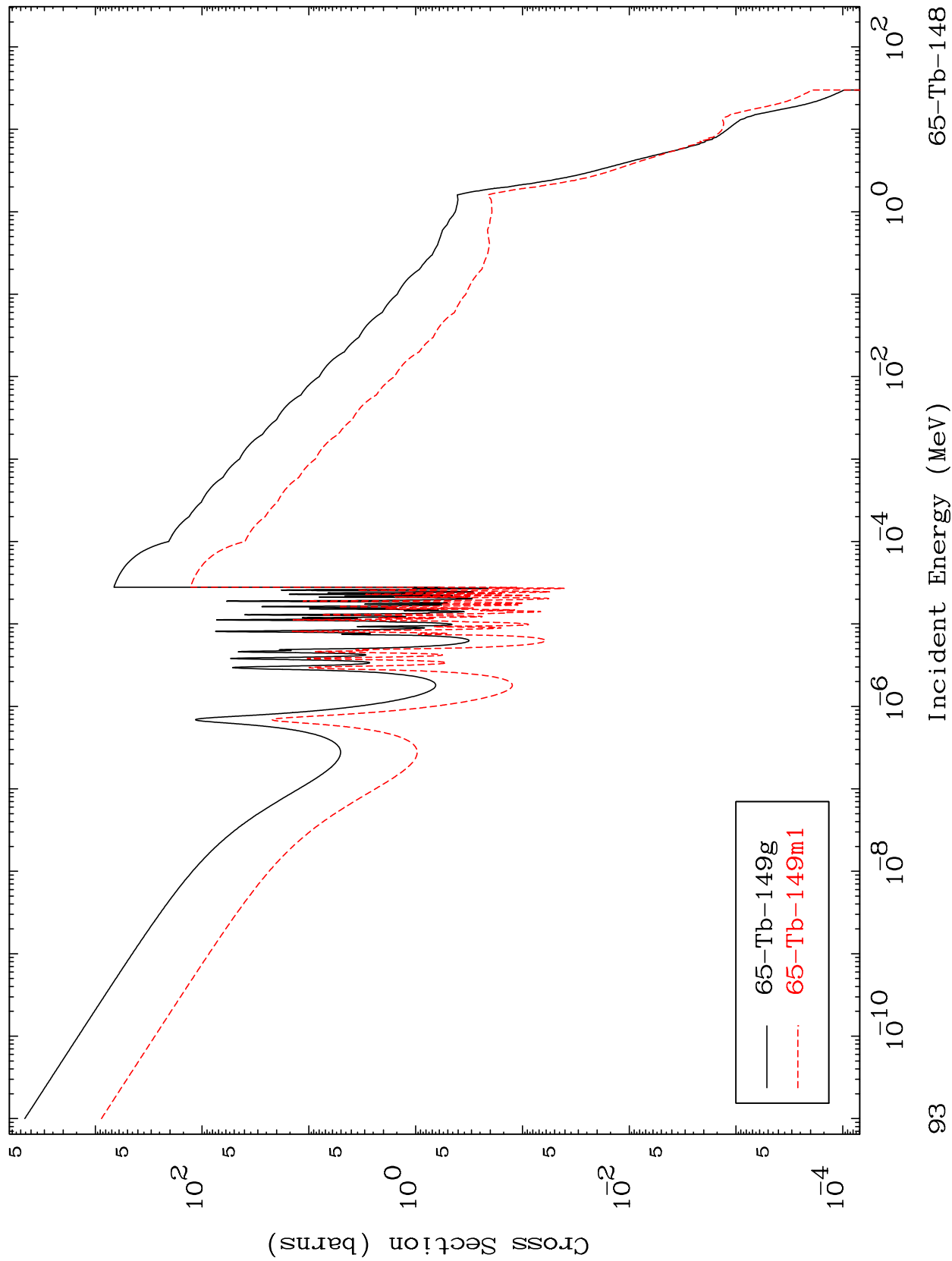
Incident Energy (MeV)

65-Tb-148

MAT 6492

65-Tb-148

(n, γ)
Radionuclide Production Cross Section



MAT 6492

(n,d) α

65-Tb-148

Radionuclide Production Cross Section

