

Program EVALPLOT
(Version 2021-1)

by

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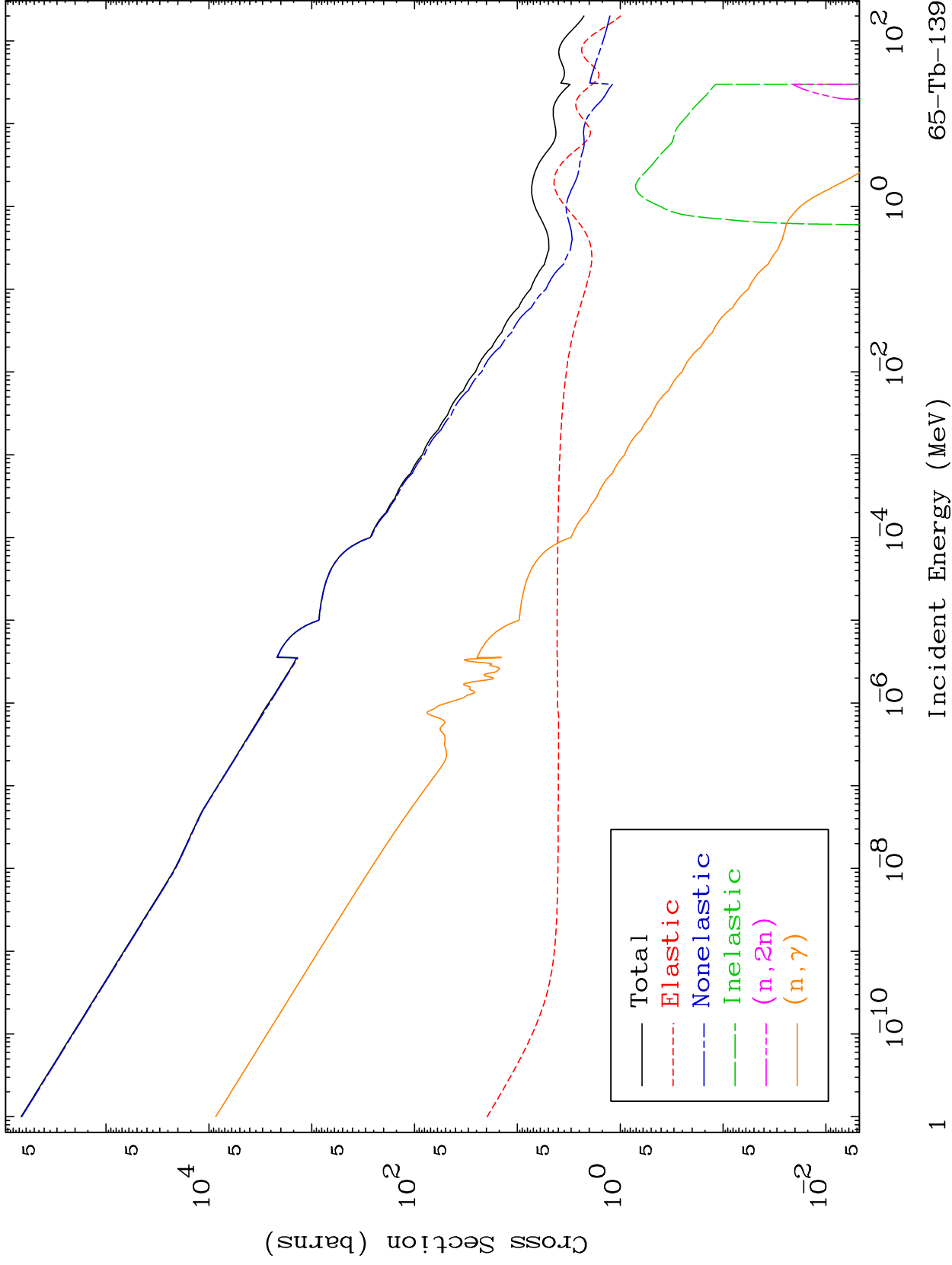
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Press Mouse Button to Start

MAT 6465

Neutron Major
293 Kelvin Cross Sections

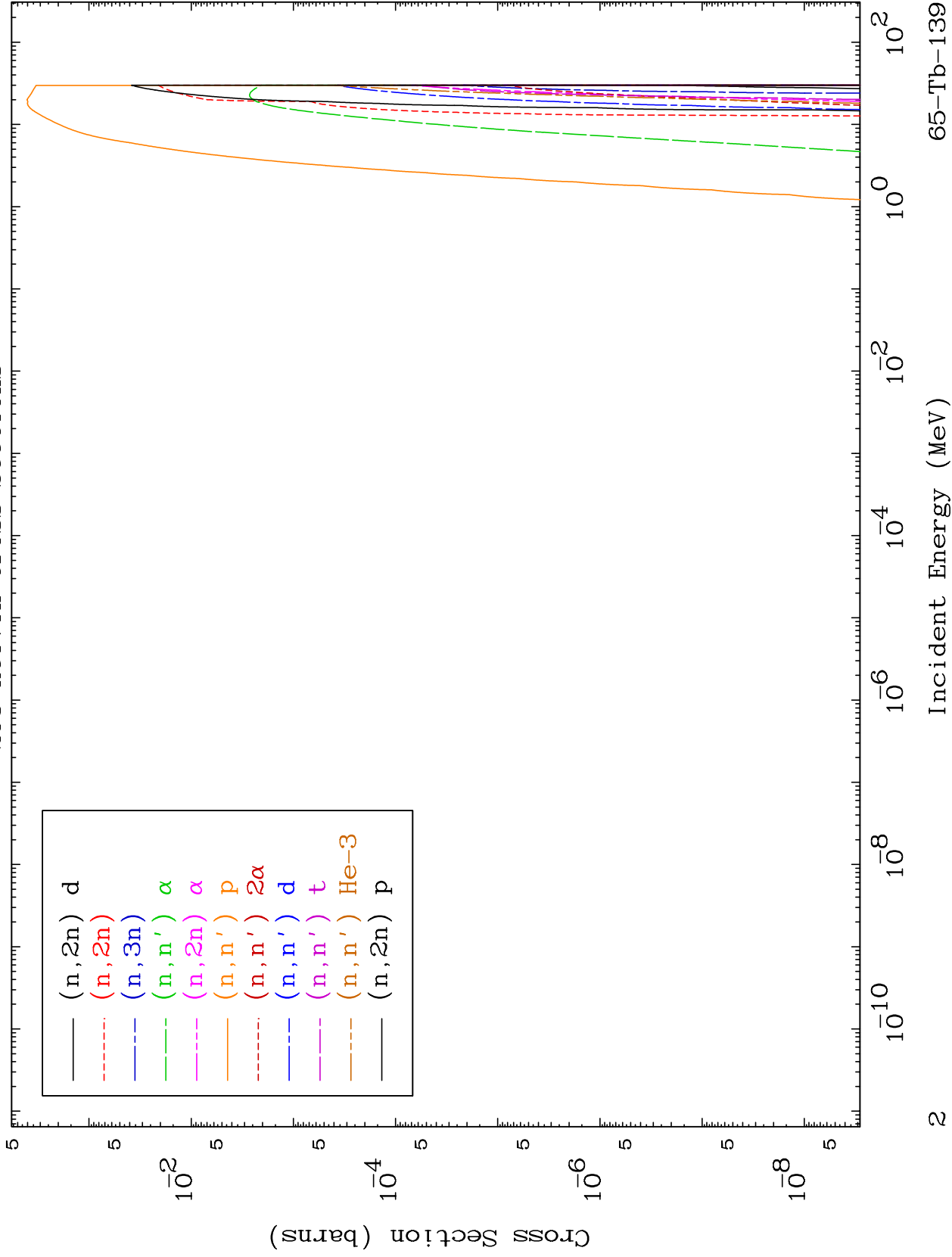
65-Tb-139



MAT 6465

Neutron Absorption
293 Kelvin Cross Sections

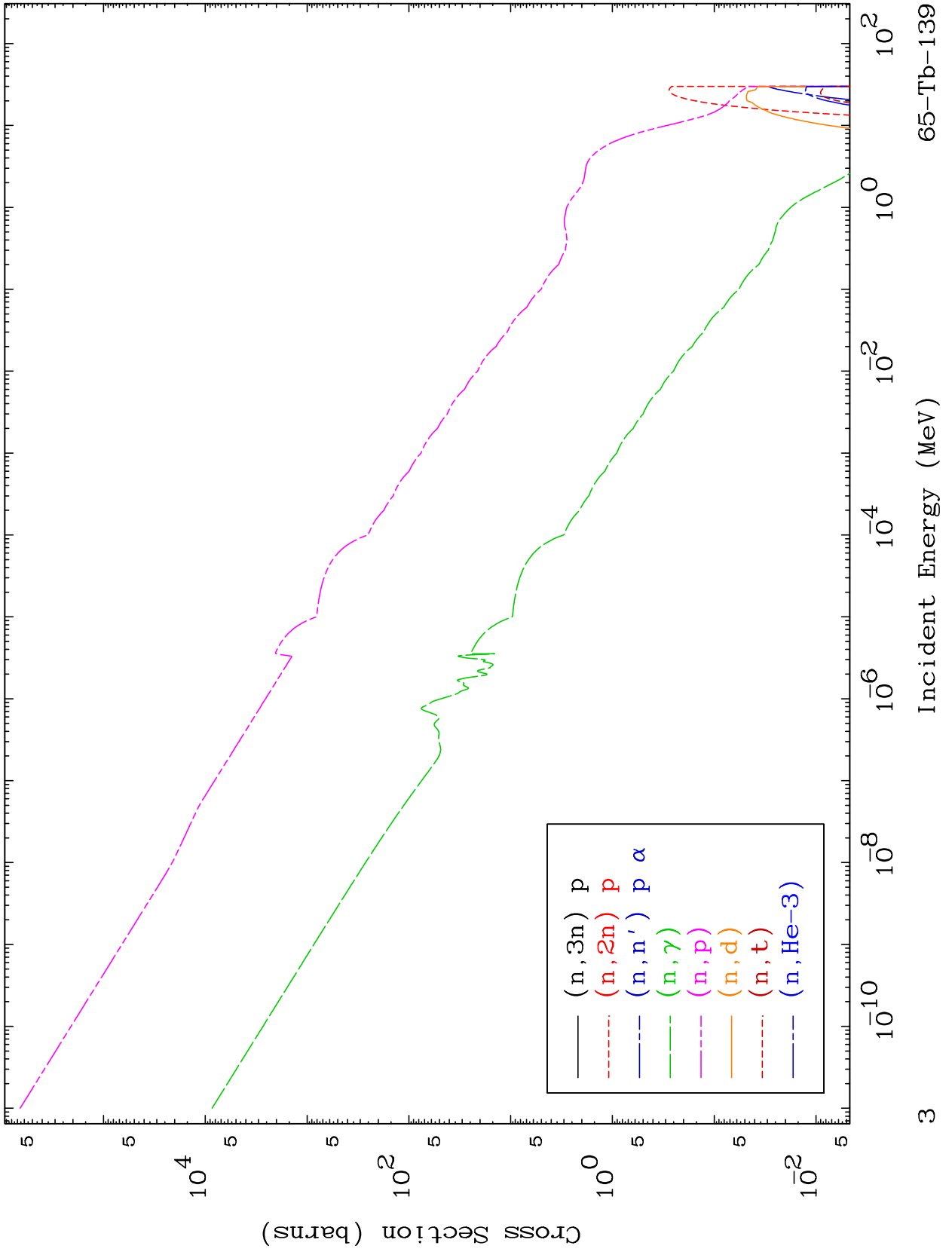
65-Tb-139

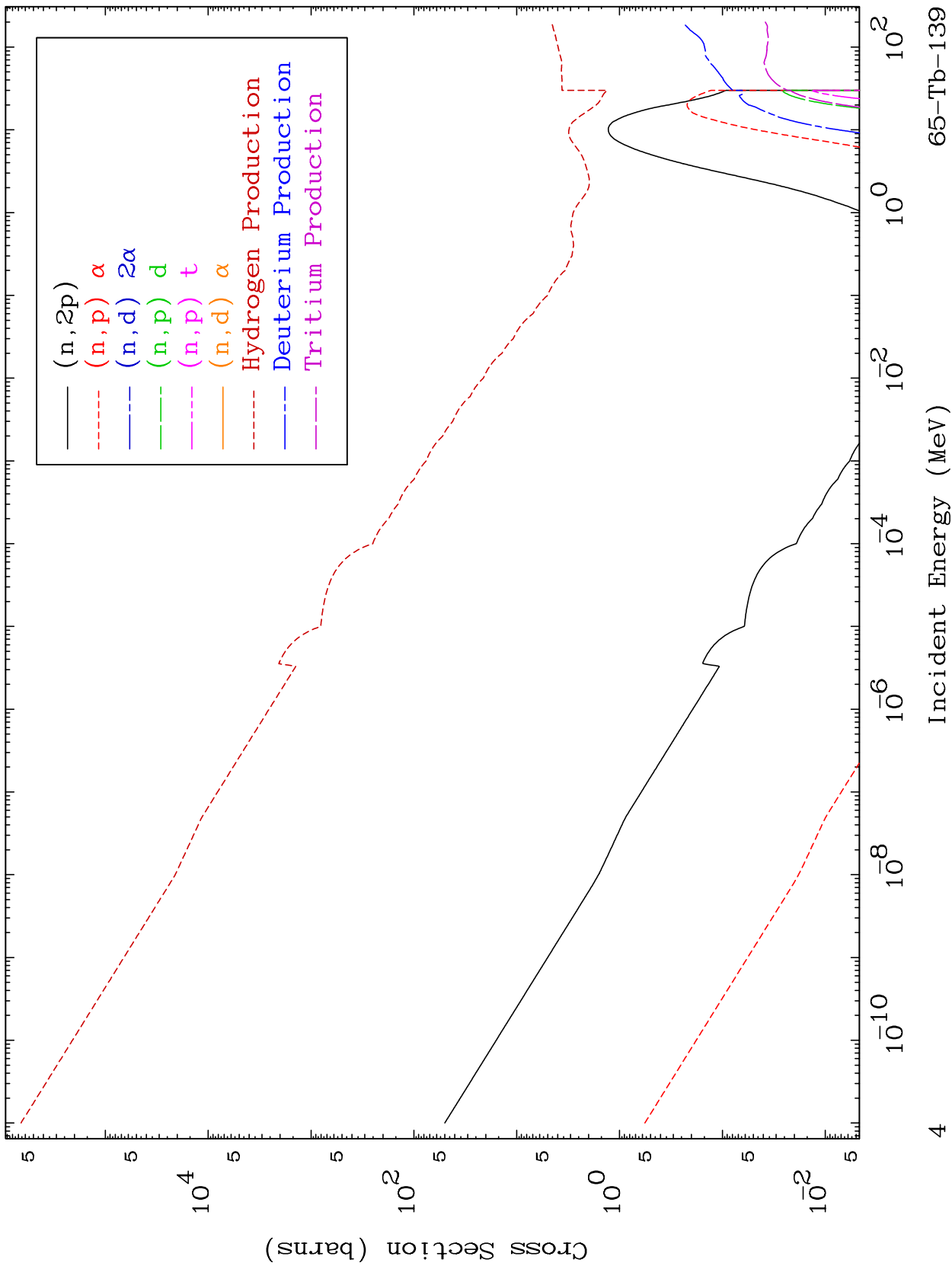


MAT 6465

Neutron Absorption
293 Kelvin Cross Sections

65-Tb-139

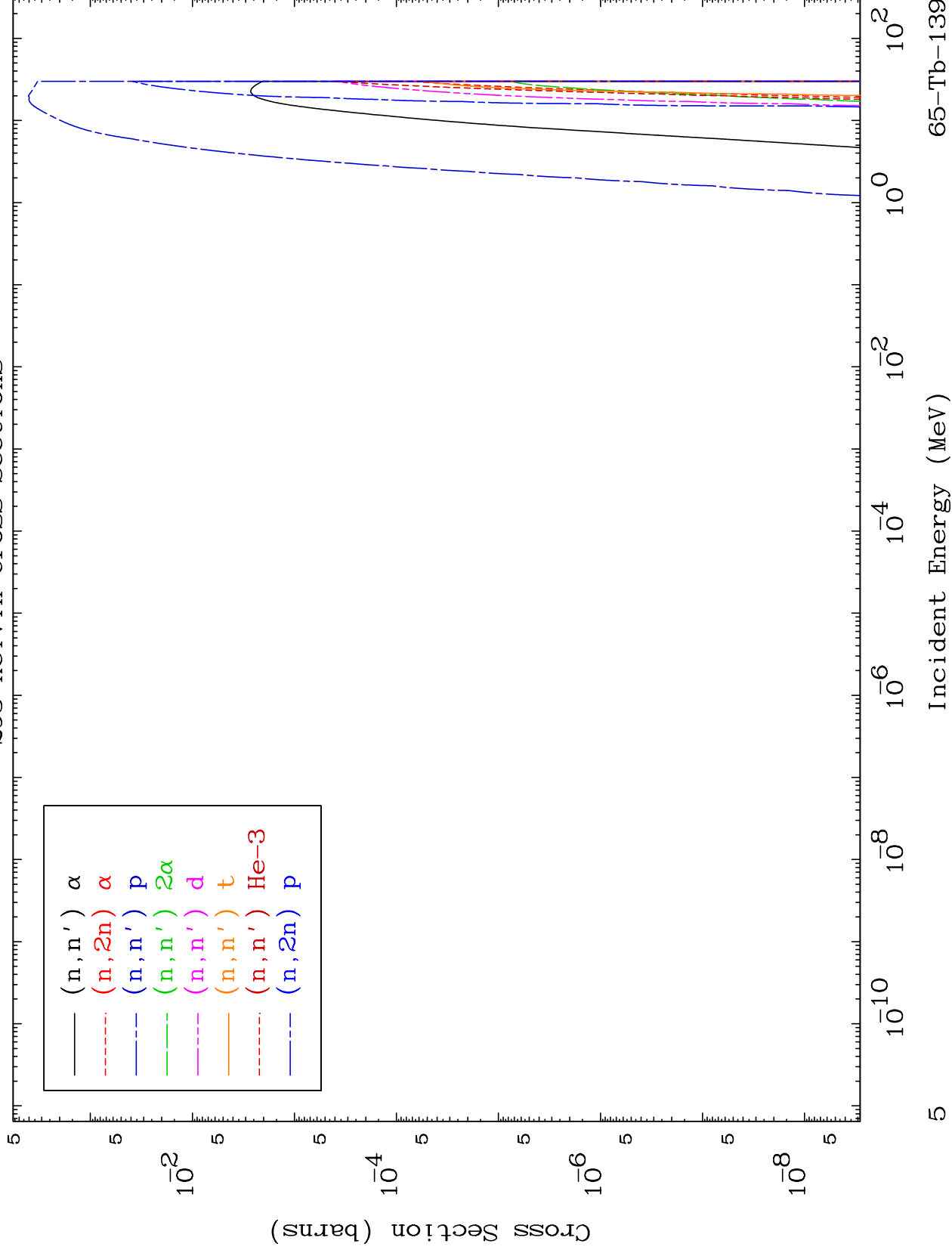




MAT 6465

Charged Particle
293 Kelvin Cross Sections

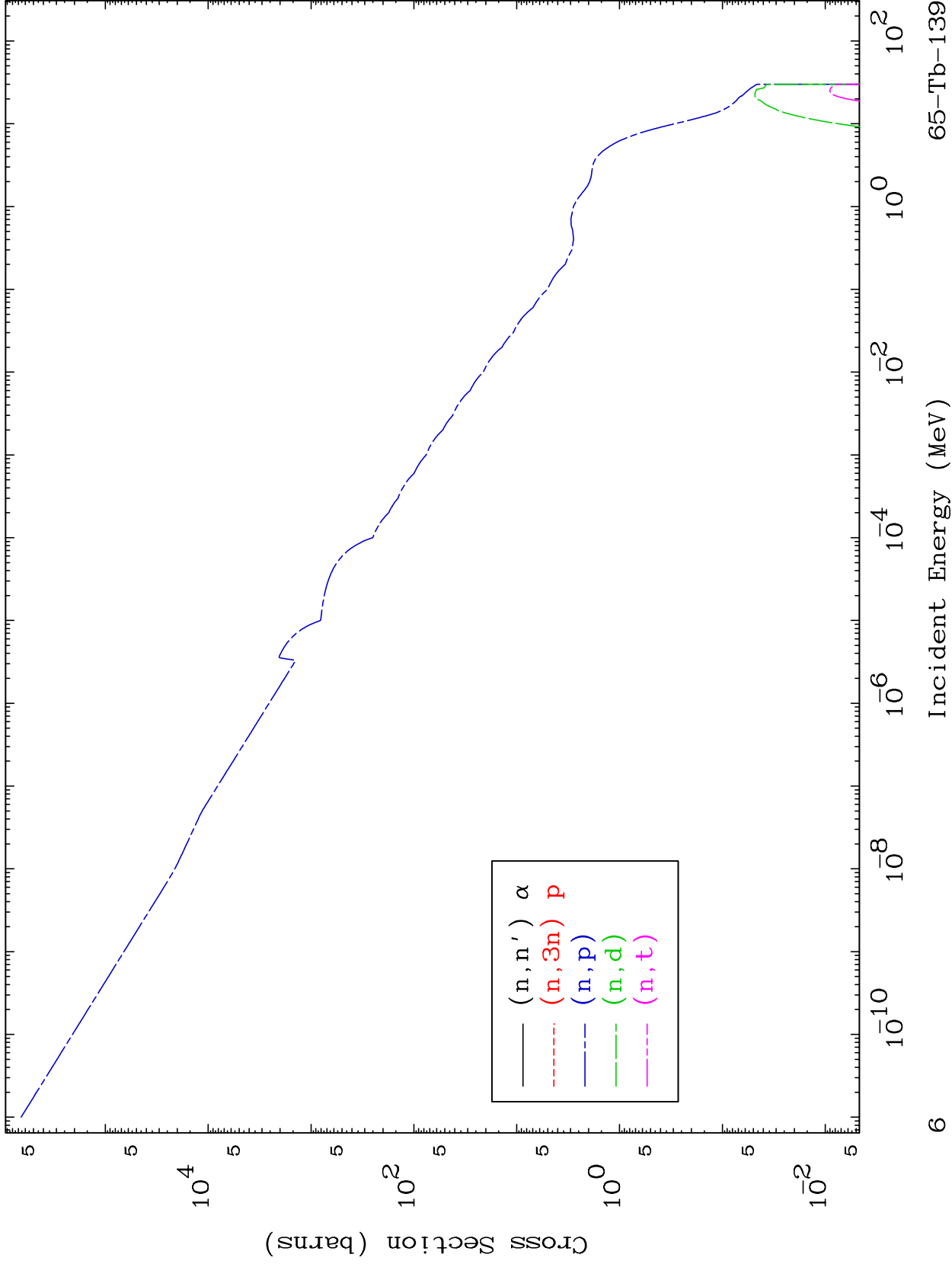
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MAT 6465

Charged Particle
293 Kelvin Cross Sections

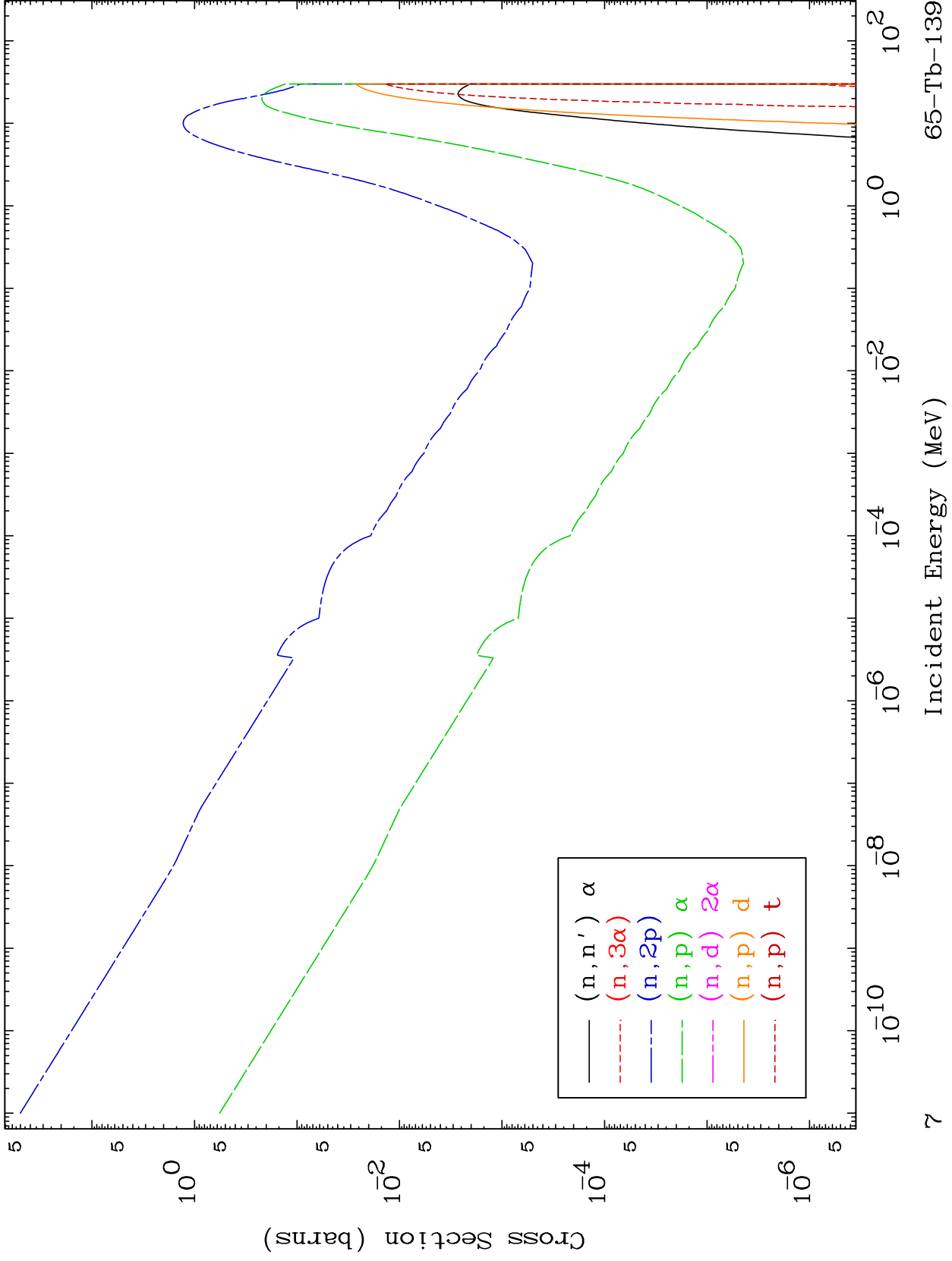
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MAT 6465

Charged Particle
293 Kelvin Cross Sections

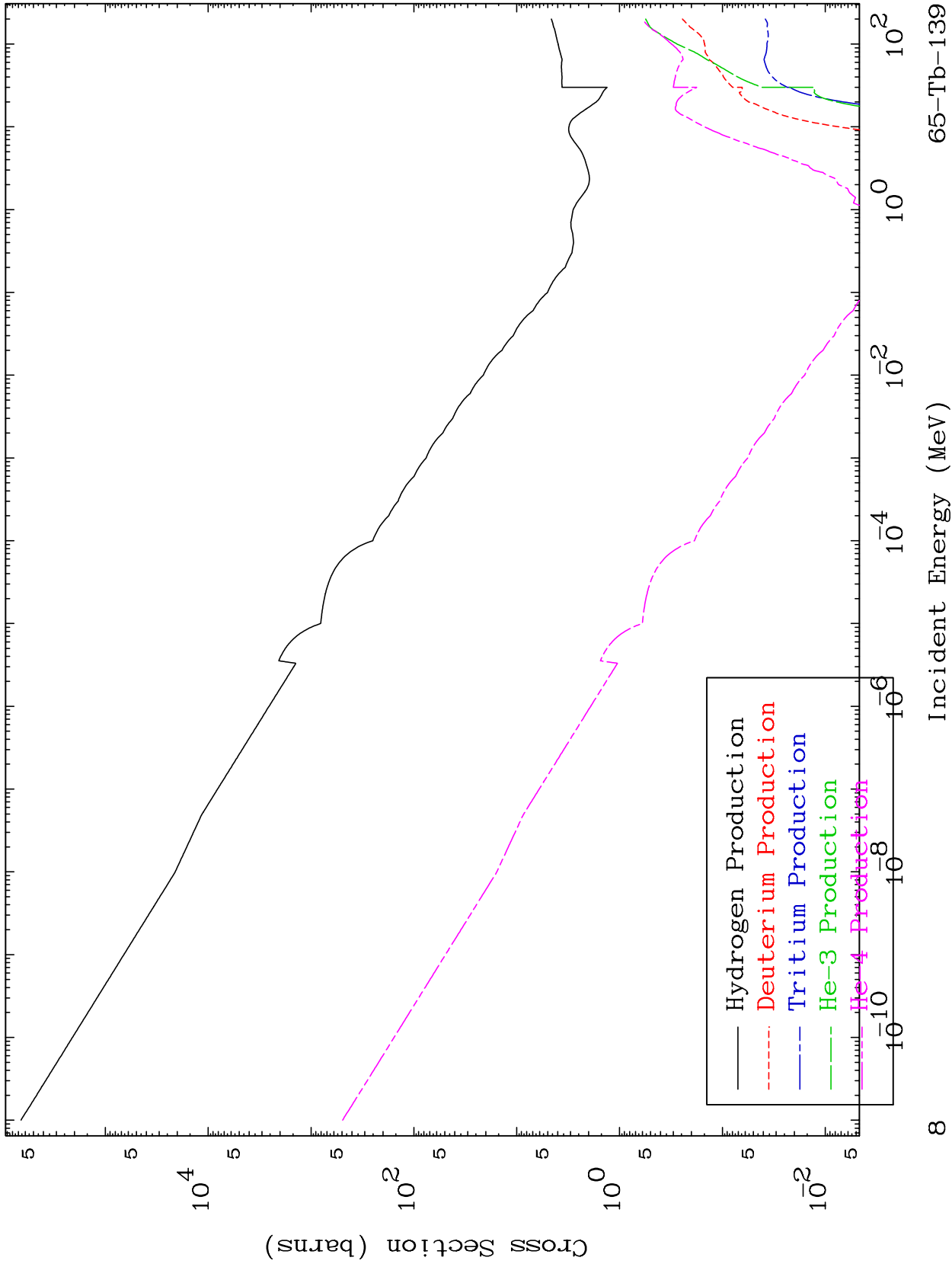
65-Tb-139



MAT 6465

Particle Production
293 Kelvin Cross Sections

65-Tb-139

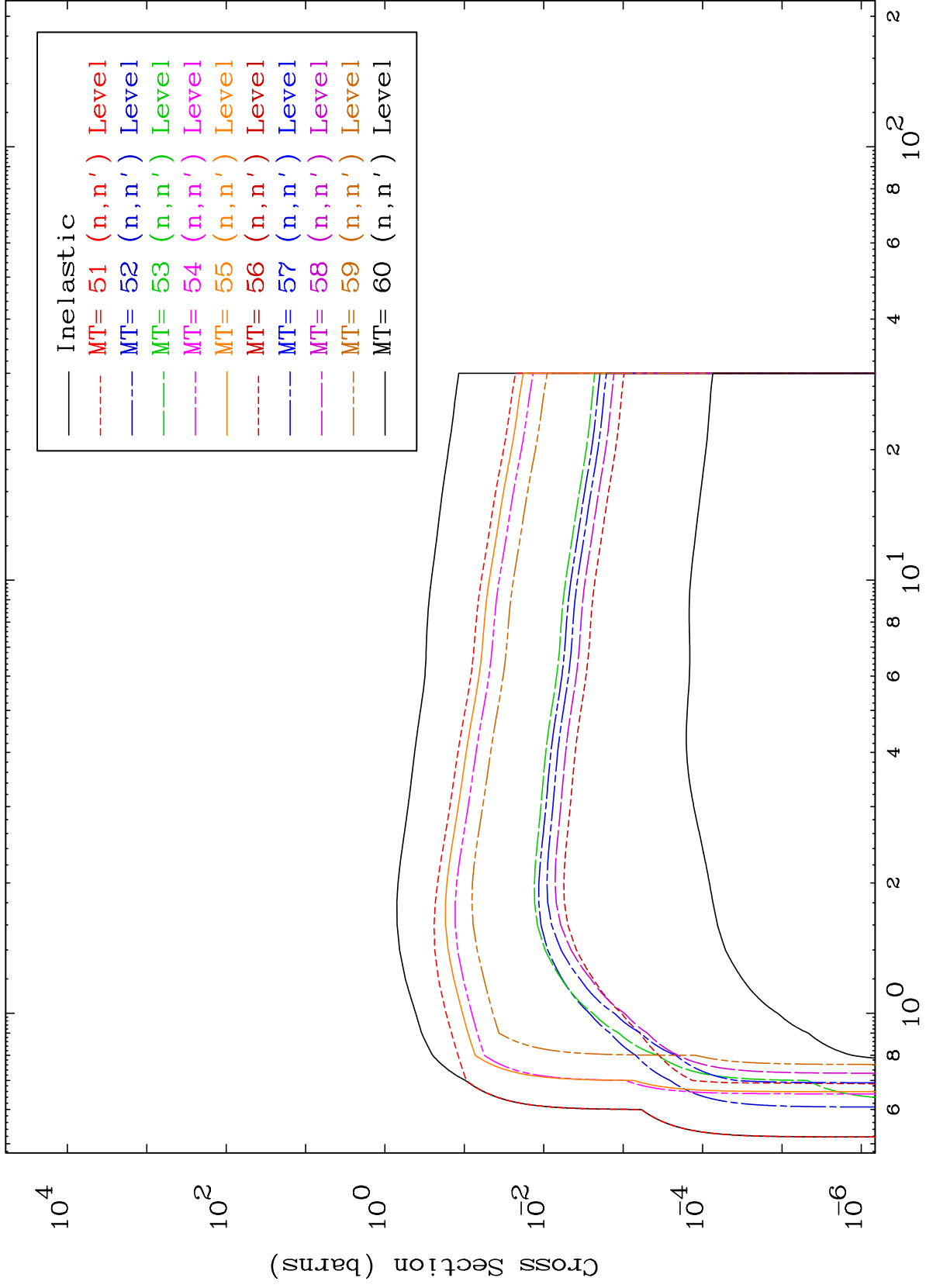


MAT 6465

(n,n') Levels

65-Tb-139

293 Kelvin Cross Sections

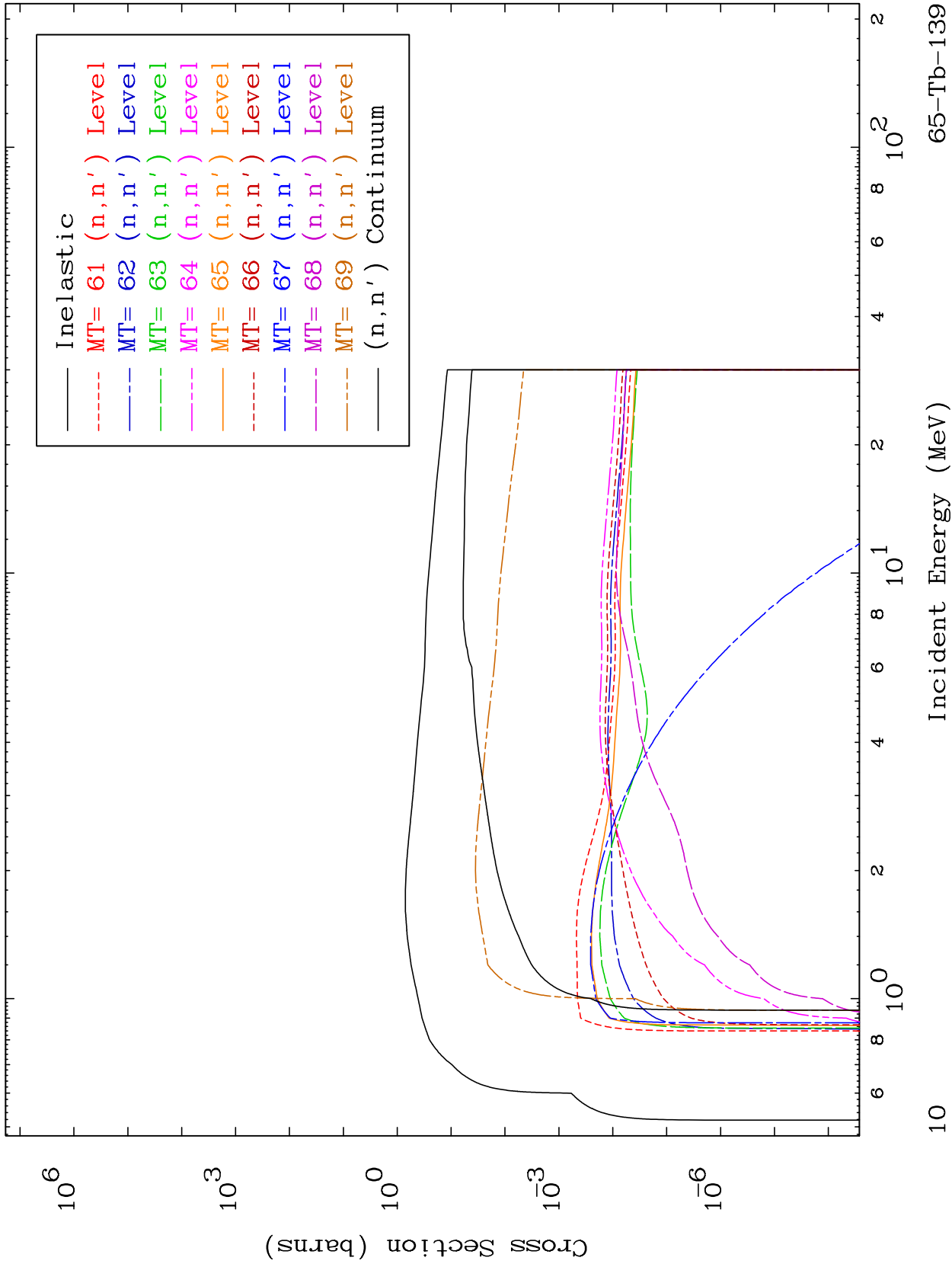


MAT 6465

(n,n') Levels

293 Kelvin Cross Sections

65-Tb-139



10

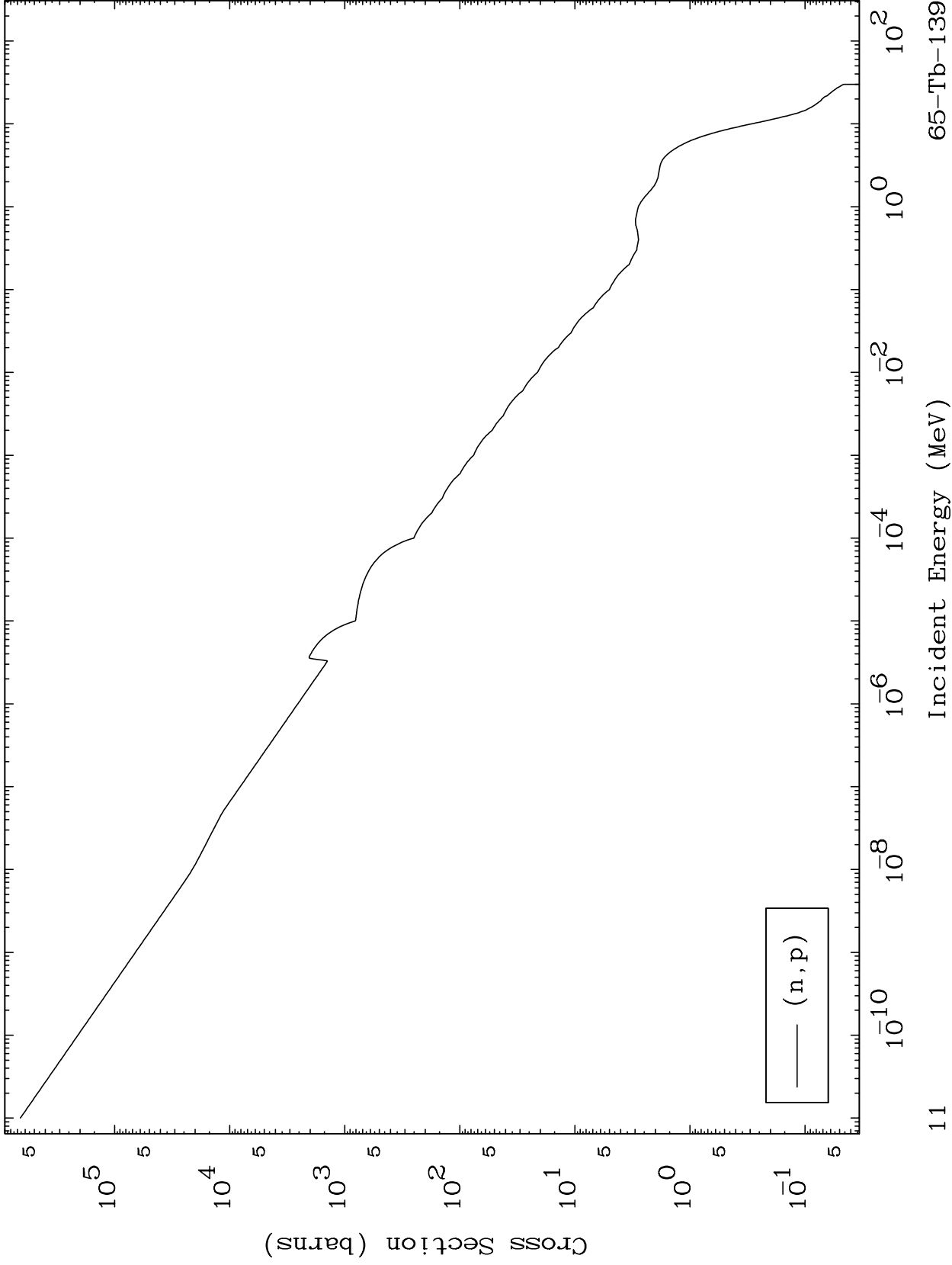
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n,p) Levels
293 Kelvin Cross Sections

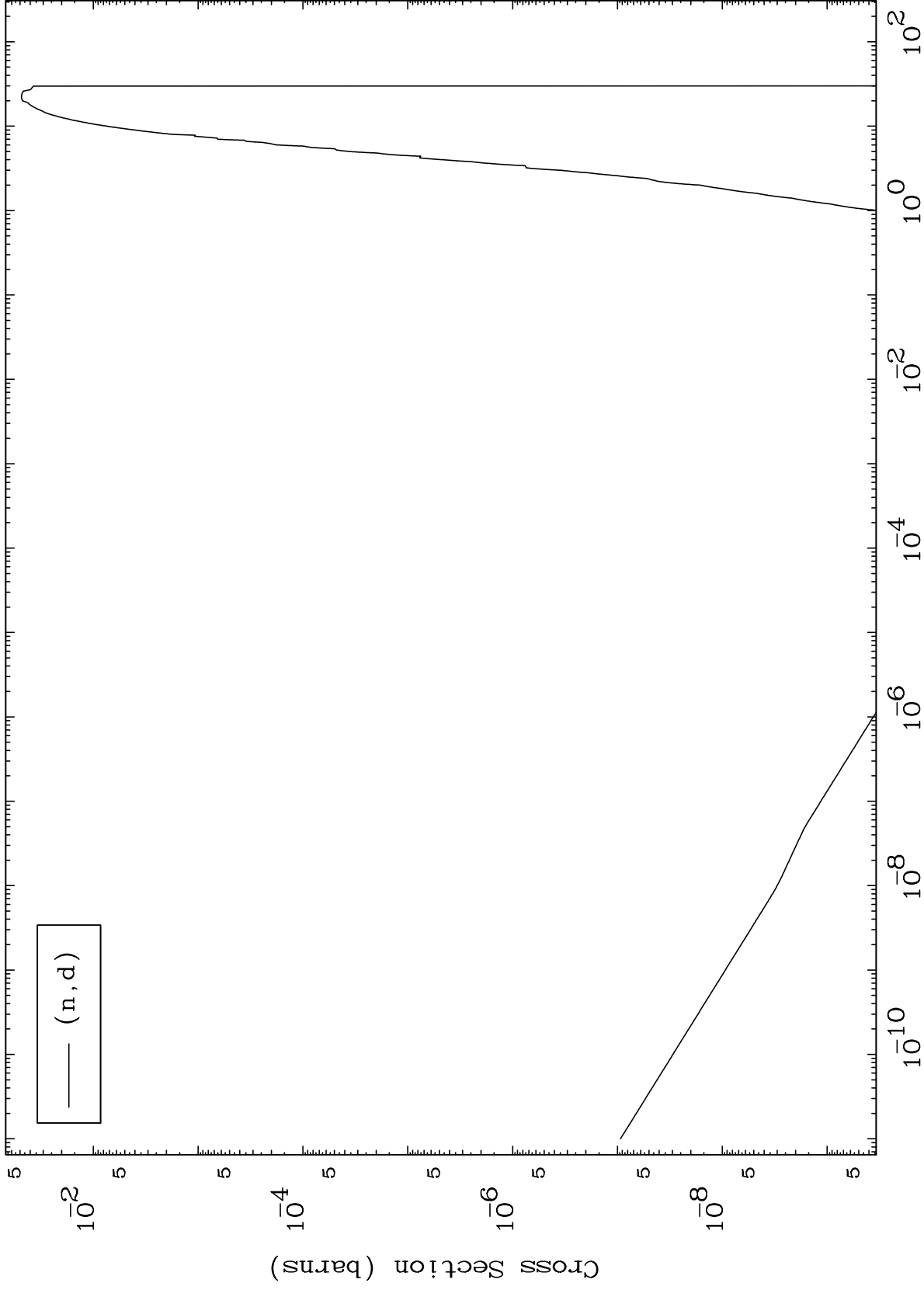
65-Tb-139



MAT 6465

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-139



12

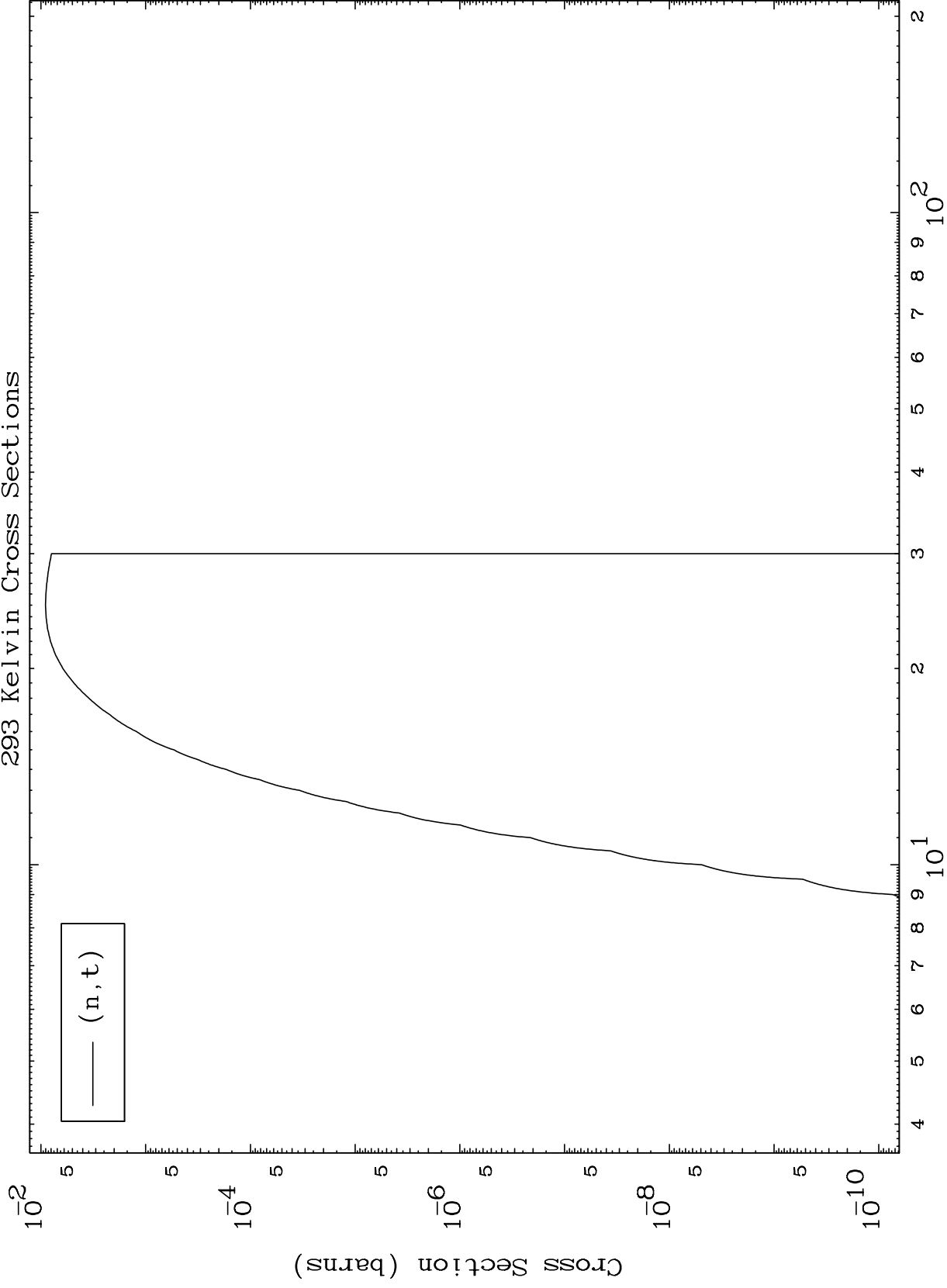
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-139



13

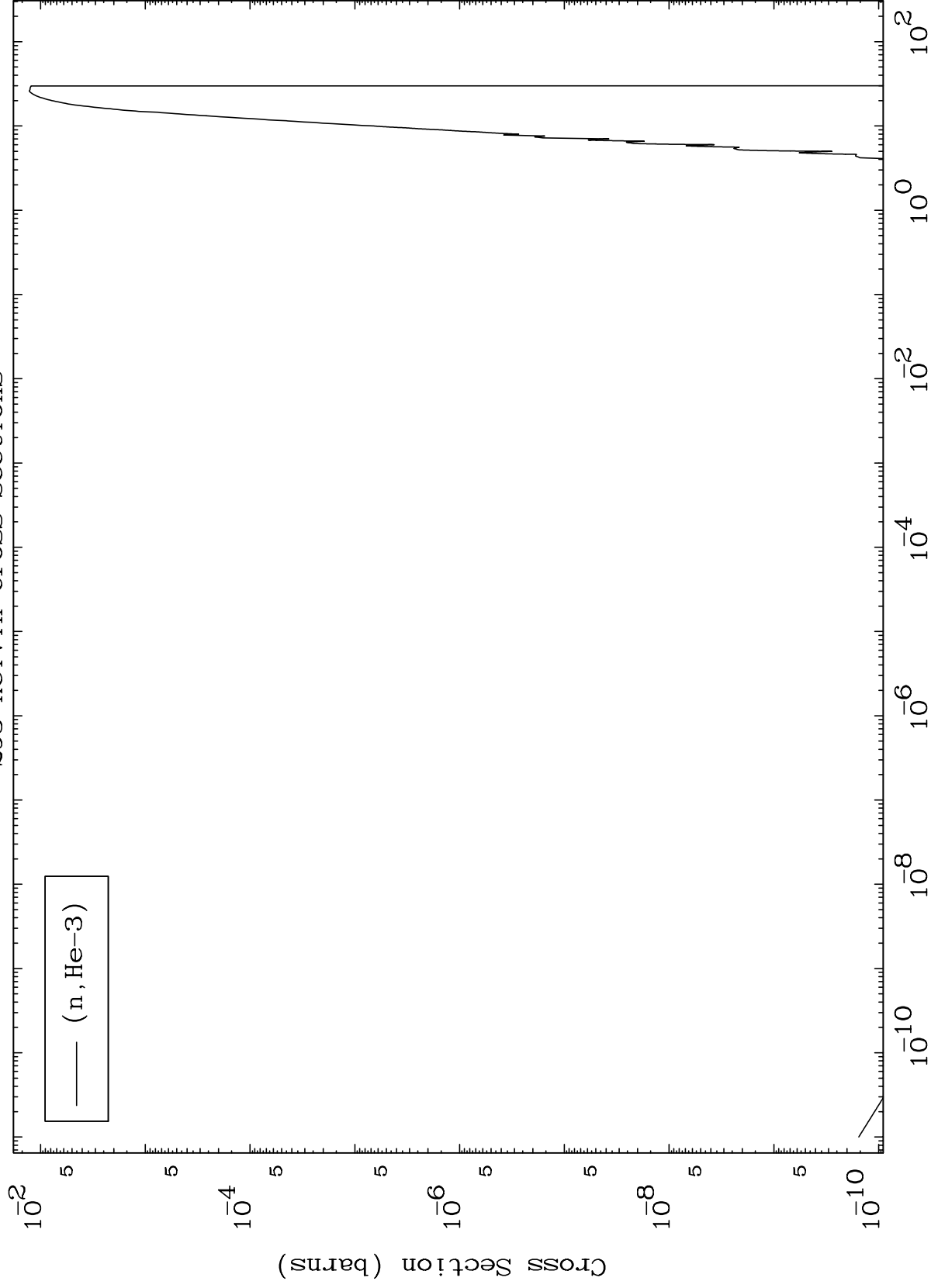
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-139



14

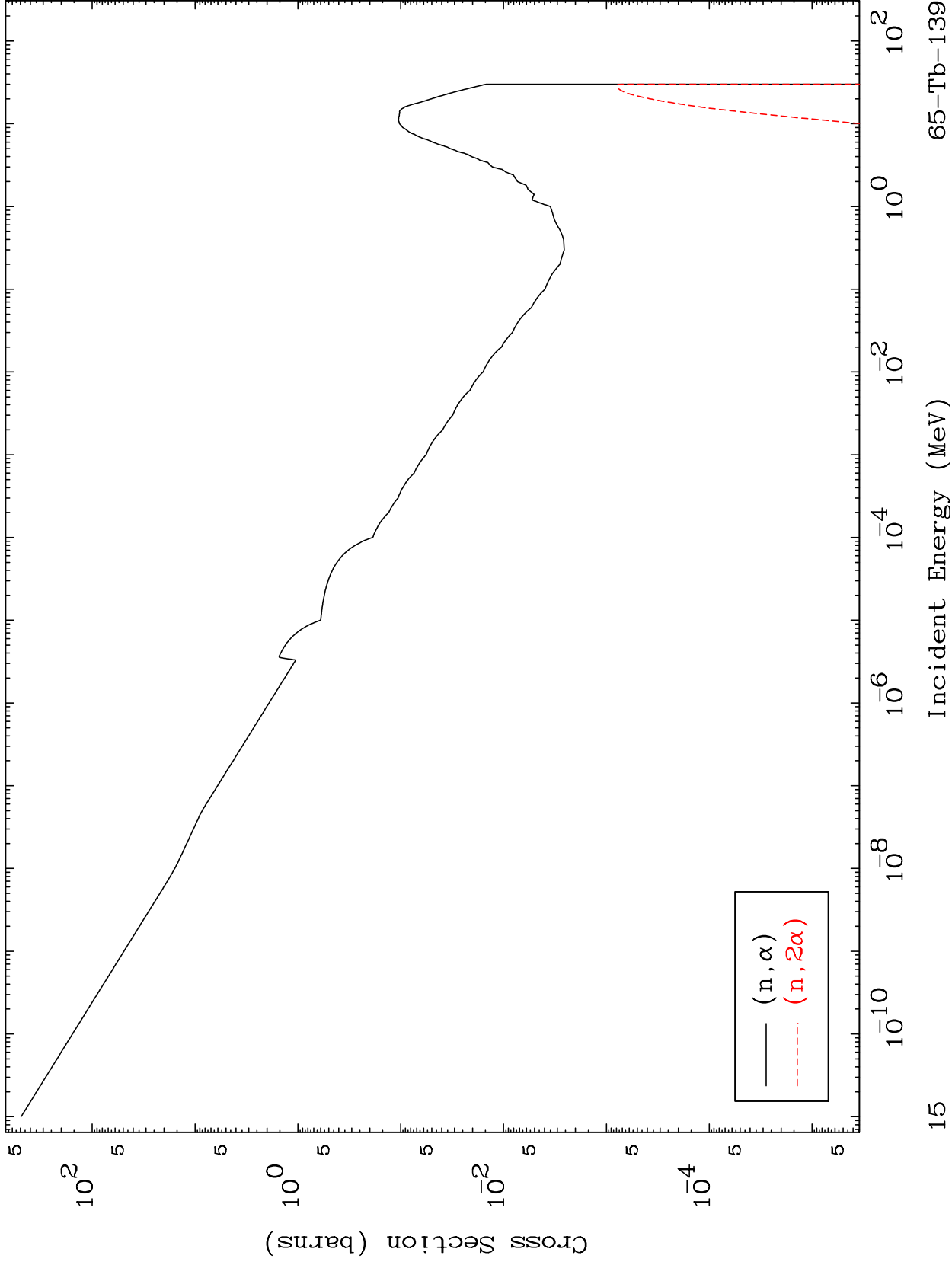
Incident Energy (MeV)

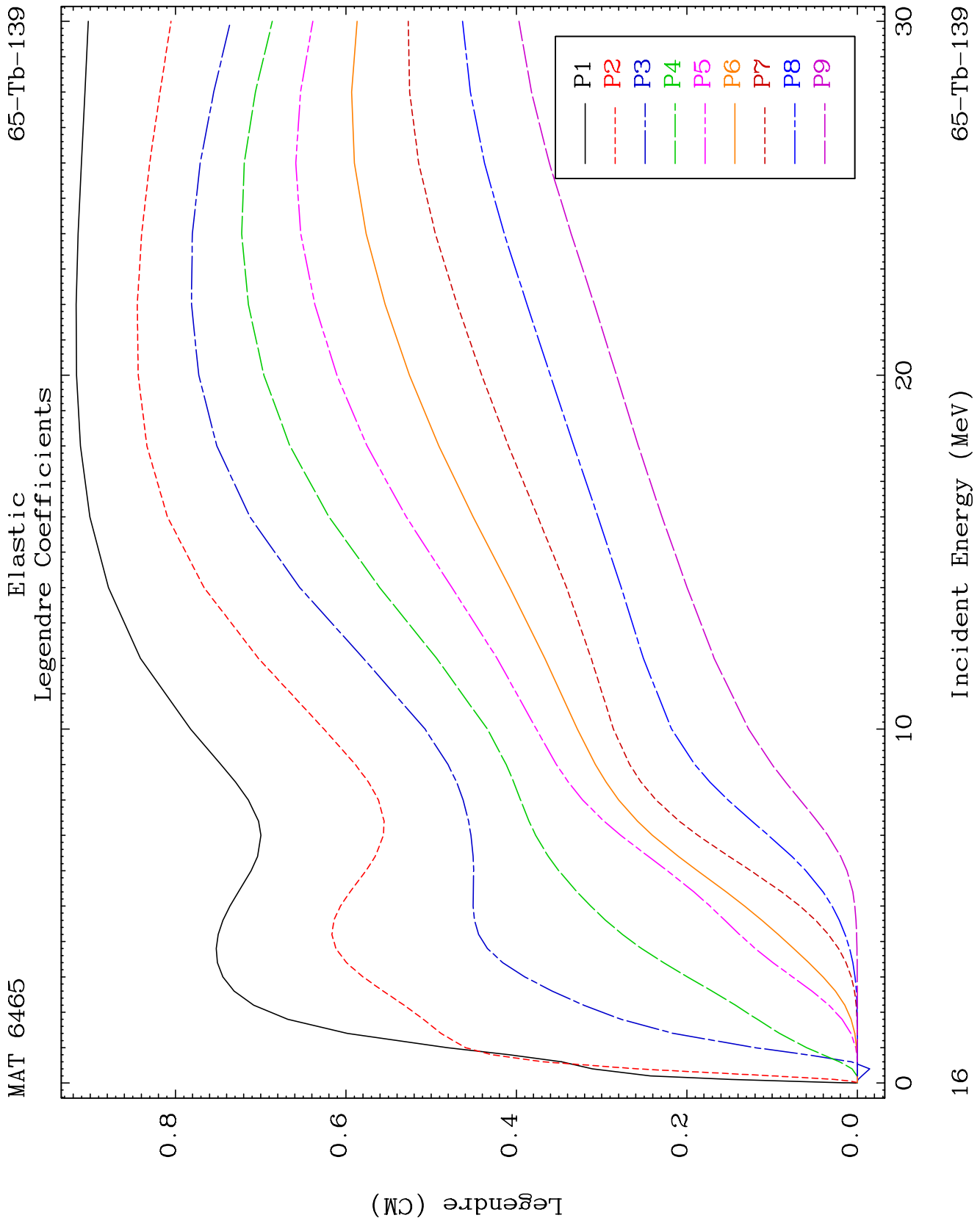
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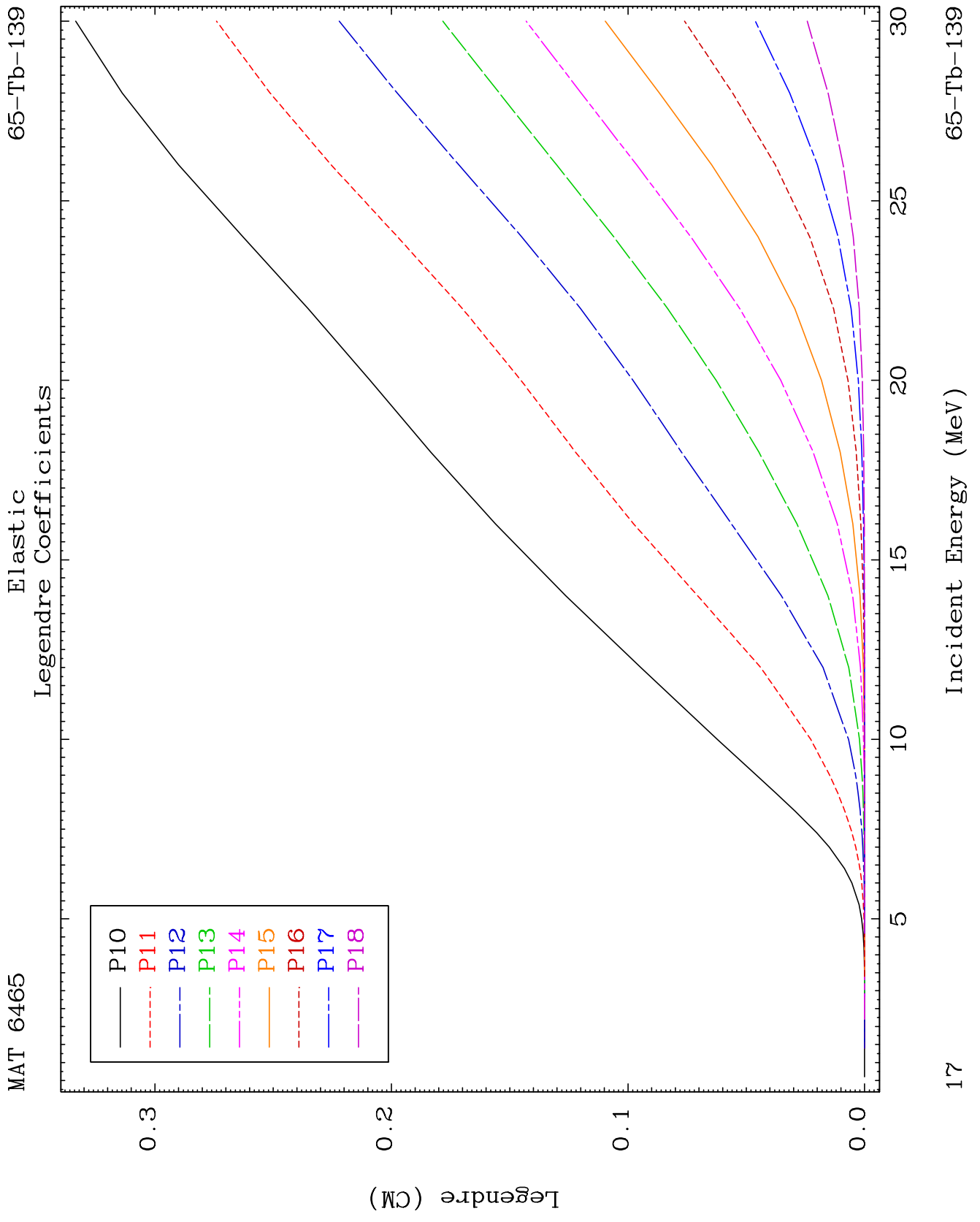
MAT 6465

(n,α) Levels
293 Kelvin Cross Sections

65-Tb-139



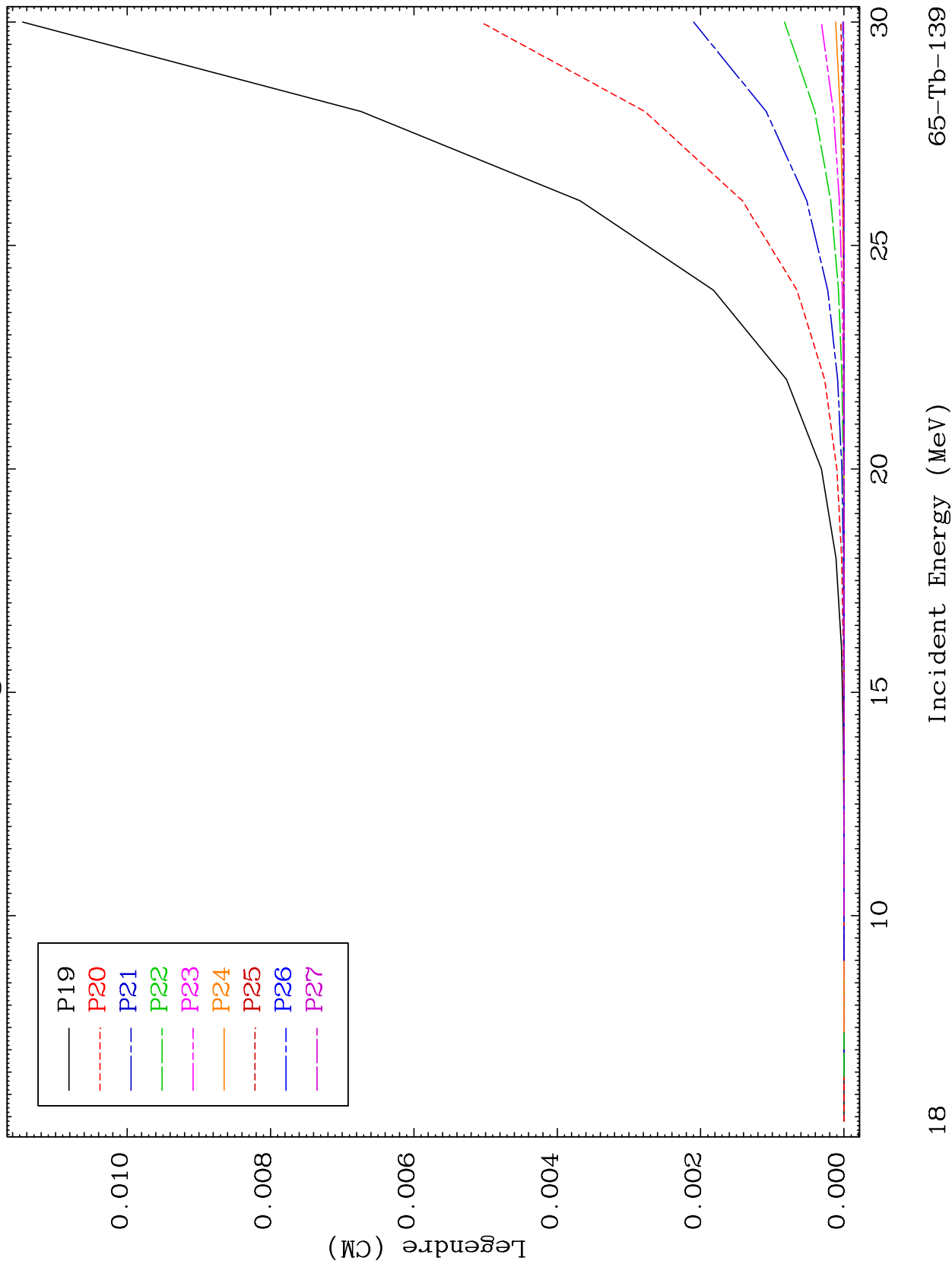




MAT 6465

Elastic Legendre Coefficients

65-Tb-139



18

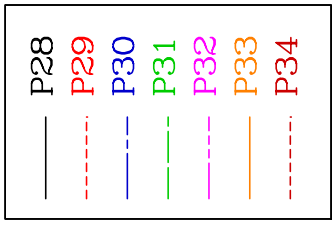
Incident Energy (MeV)

65-Tb-139

MAT 6465

Elastic Legendre Coefficients

65-Tb-139



$\times 10^{-6}$

1.2

1.0

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

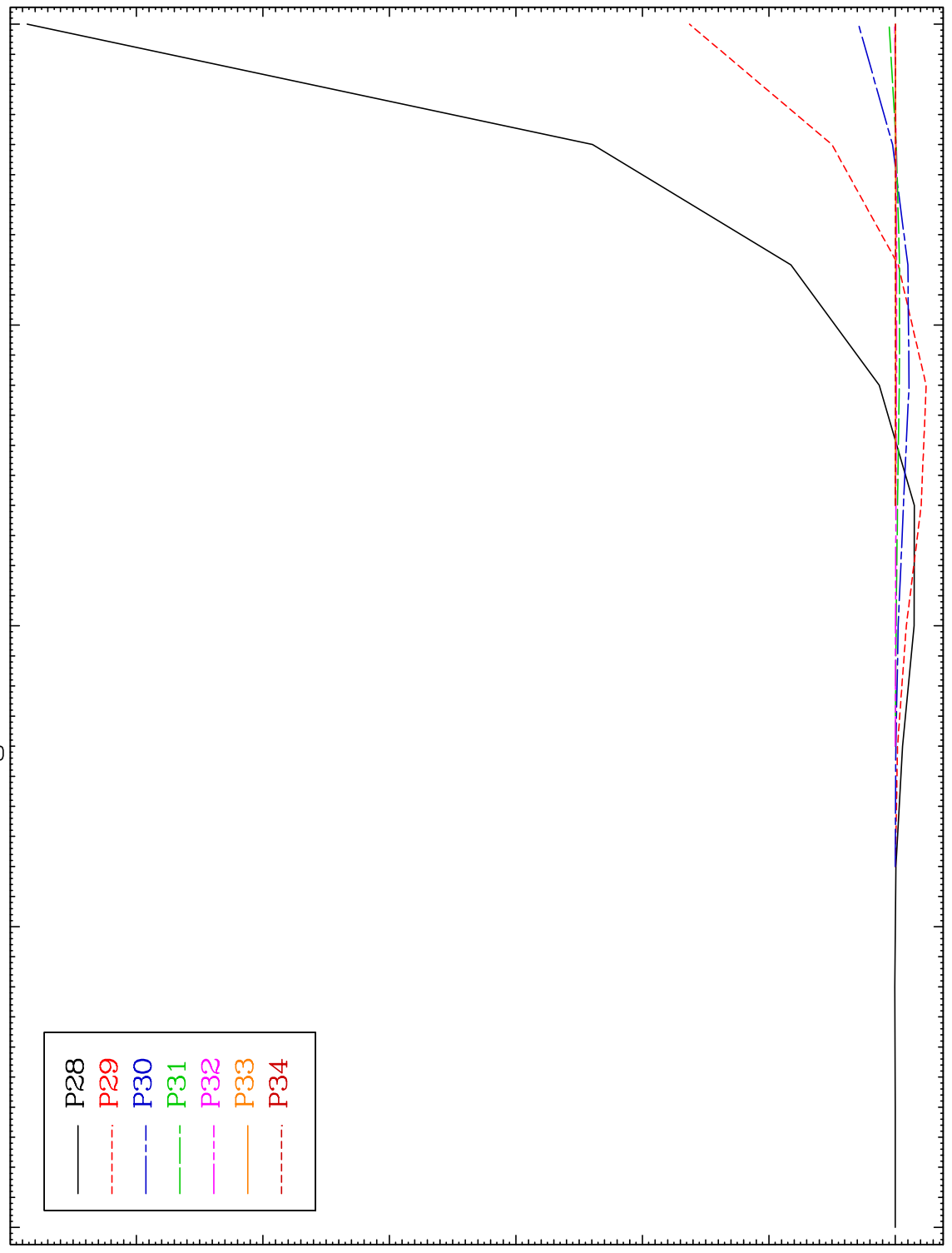
25

30

19

Incident Energy (MeV)

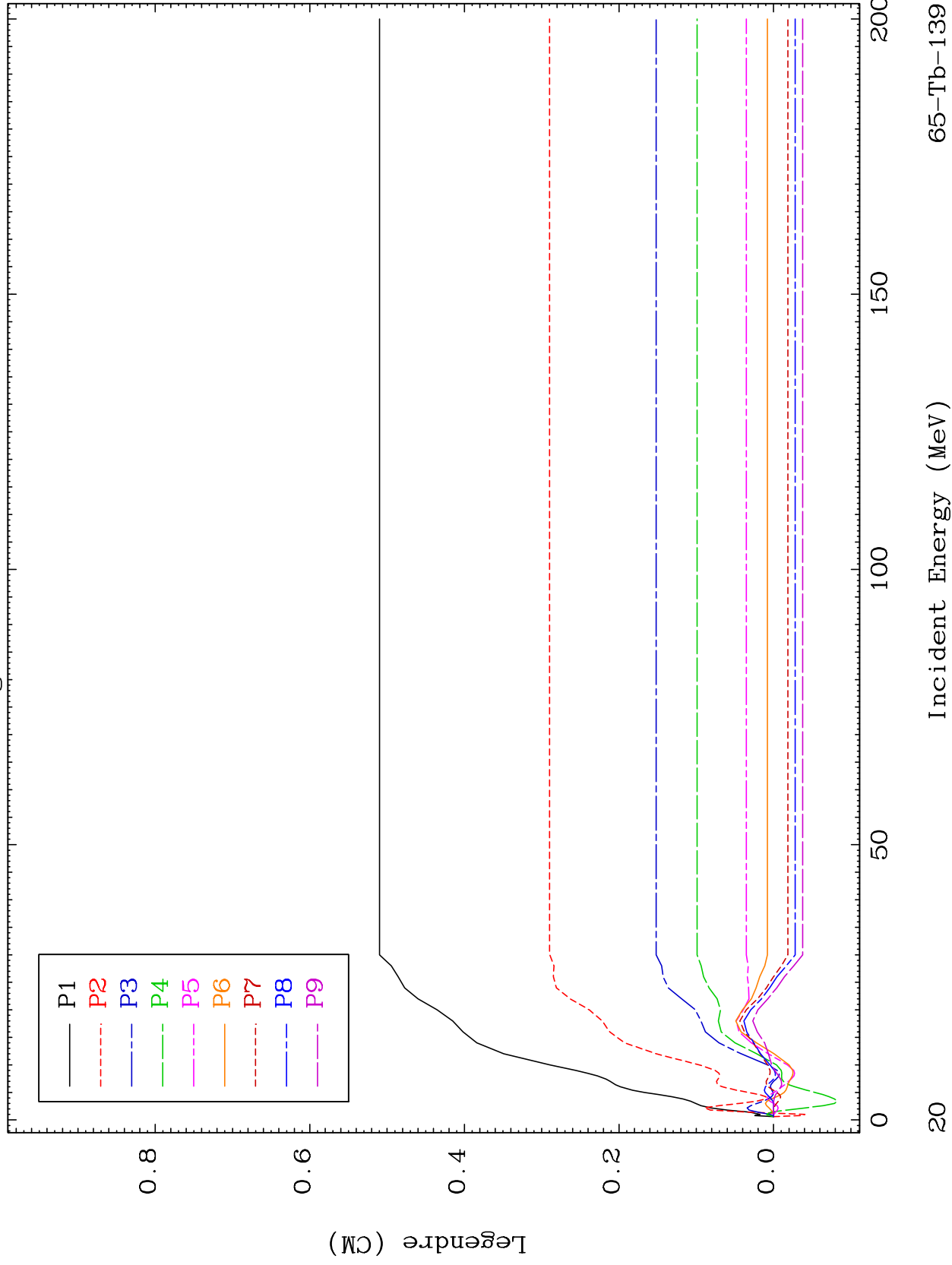
65-Tb-139



MAT 6465

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

65-Tb-139



65-Tb-139

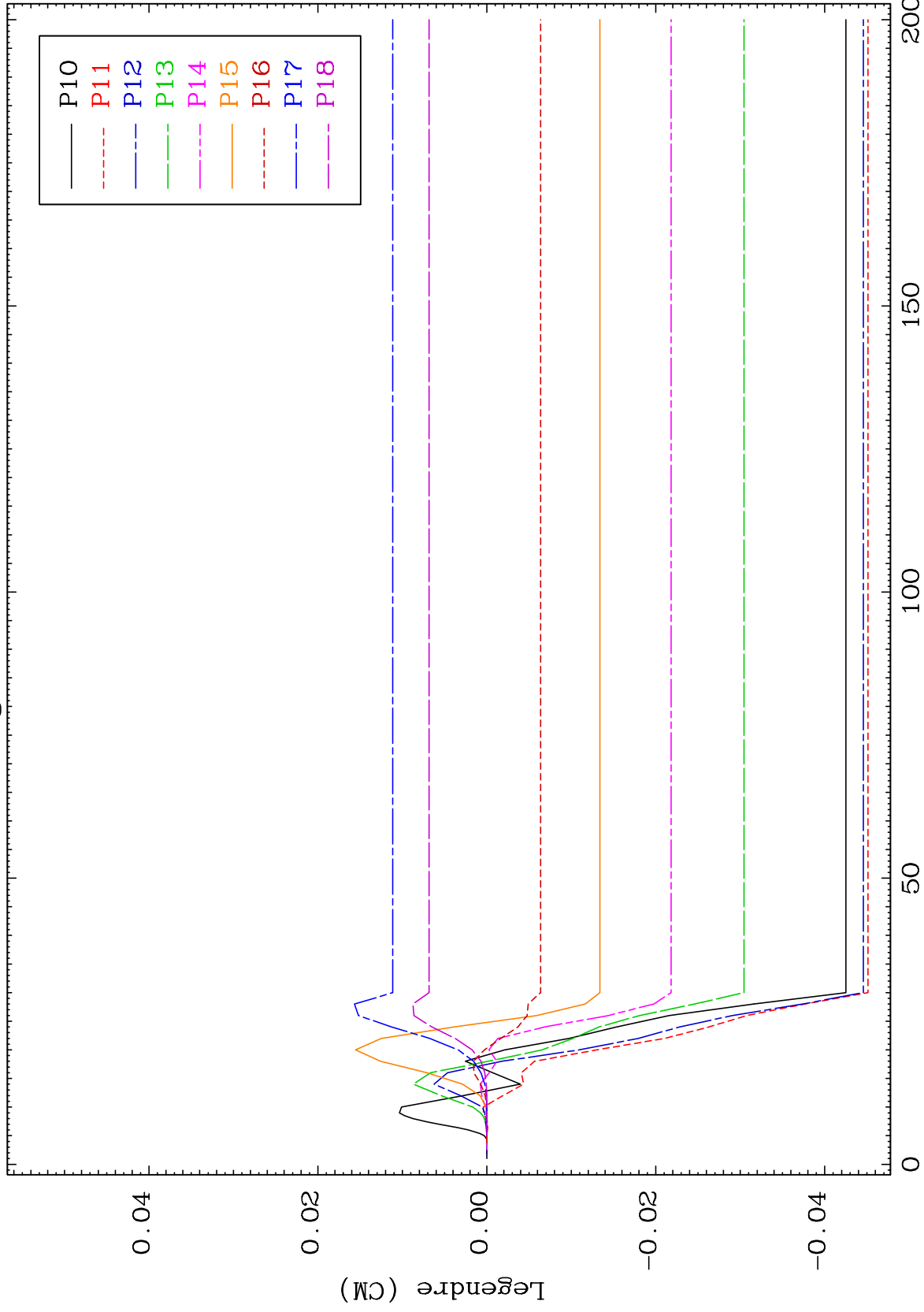
Incident Energy (MeV)

0

MAT 6465

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

65-Tb-139



21

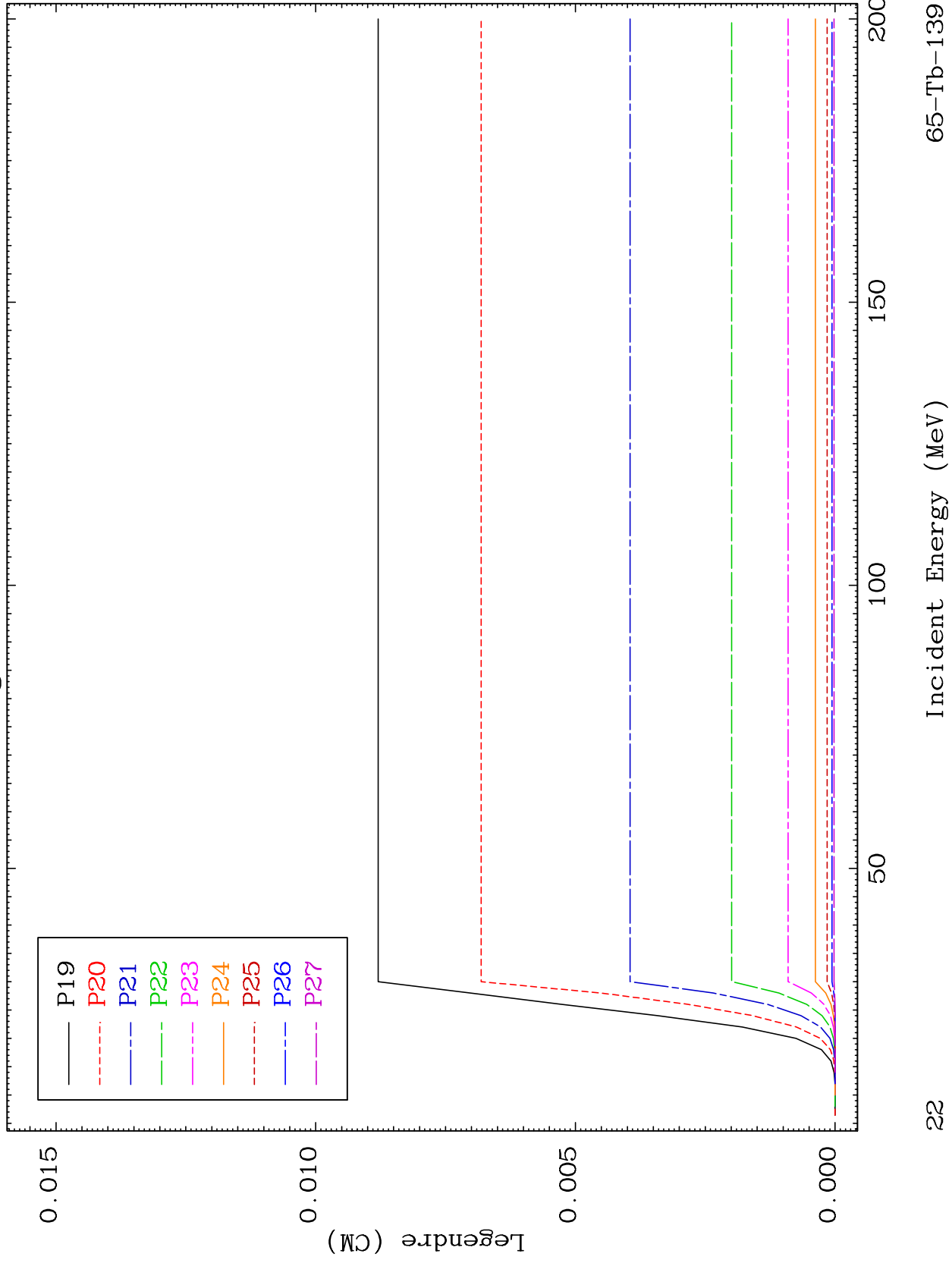
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139

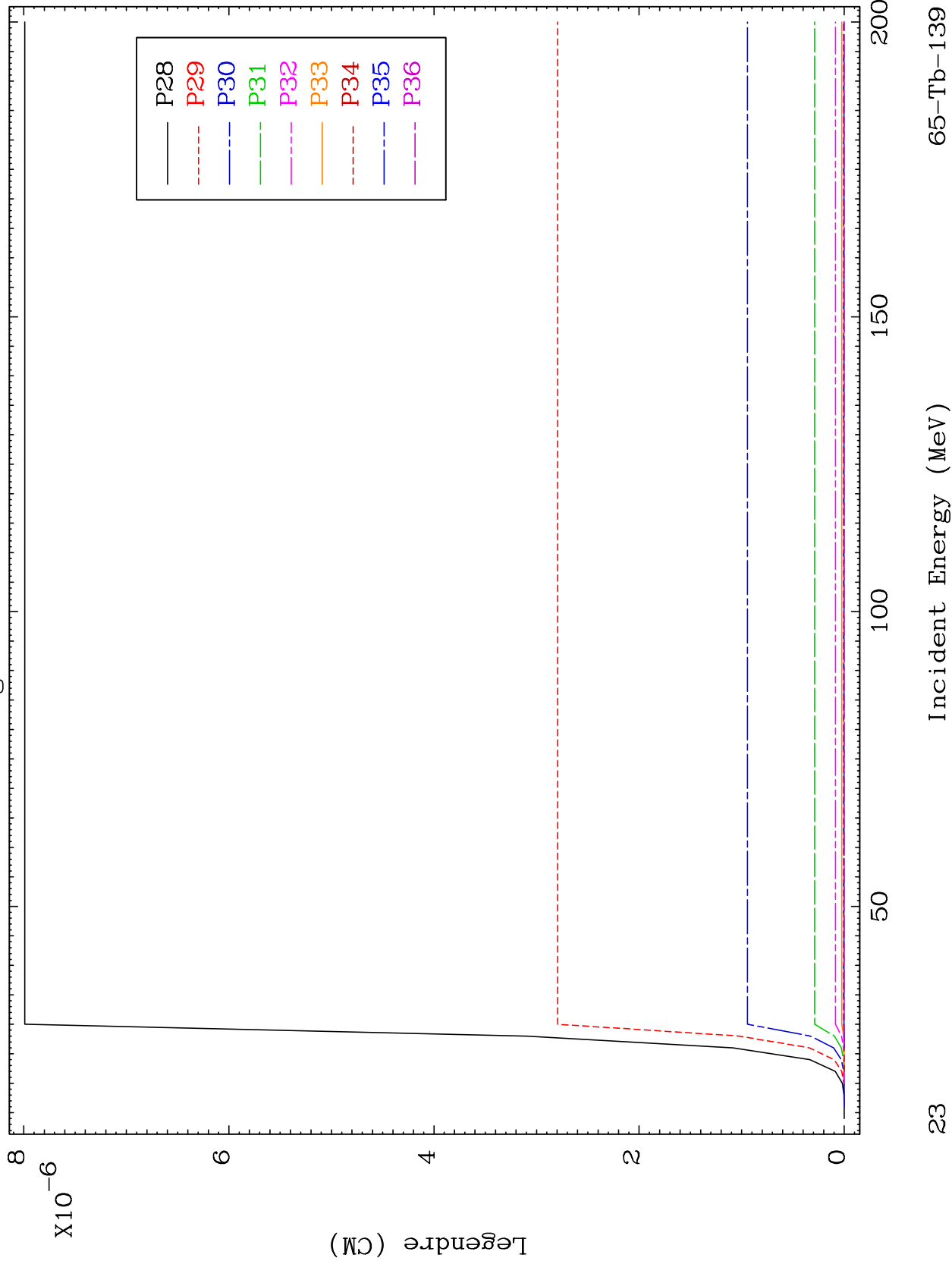


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MAT 6465

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

65-Tb-139



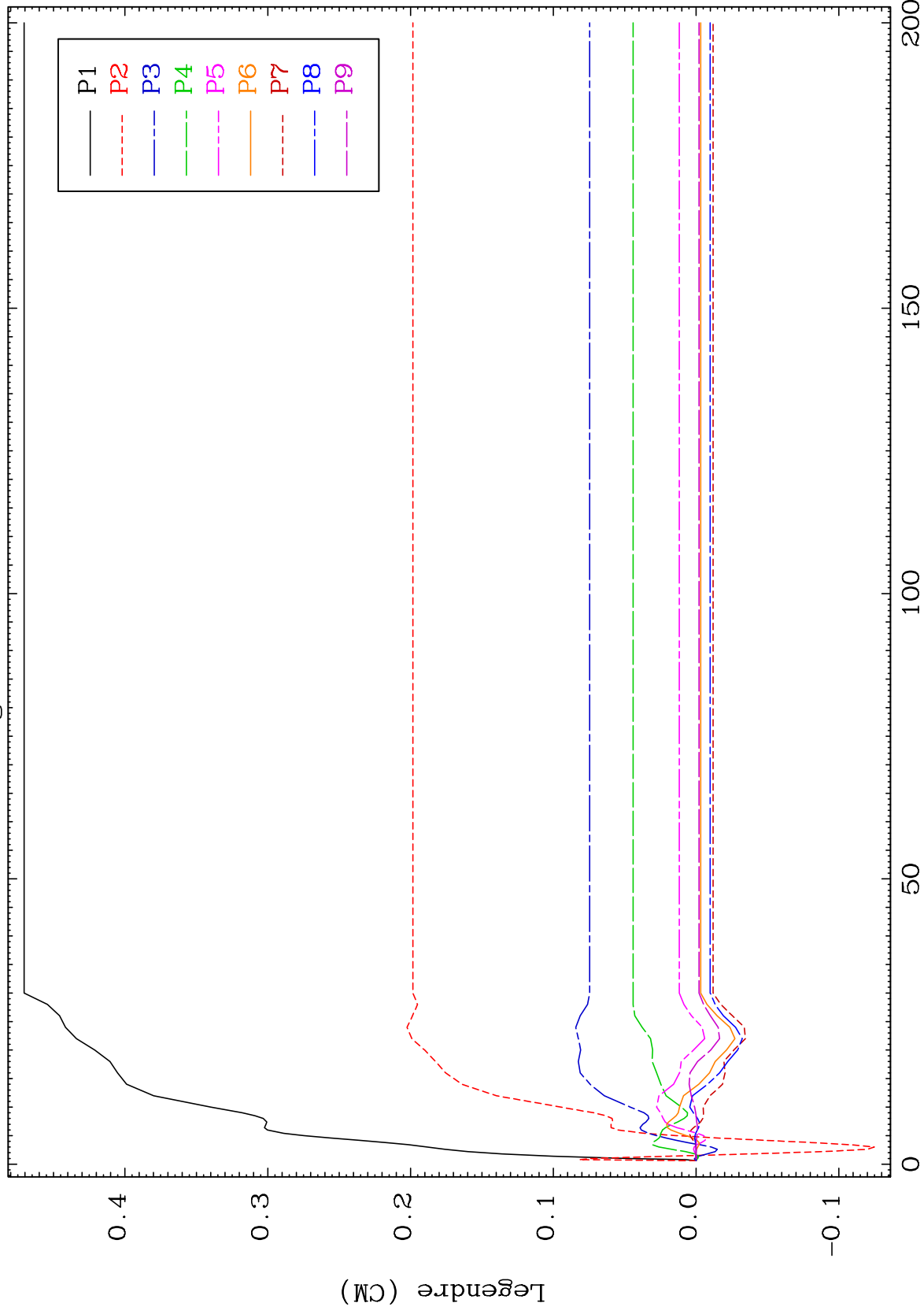
23

65-Tb-139

MAT 6465

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

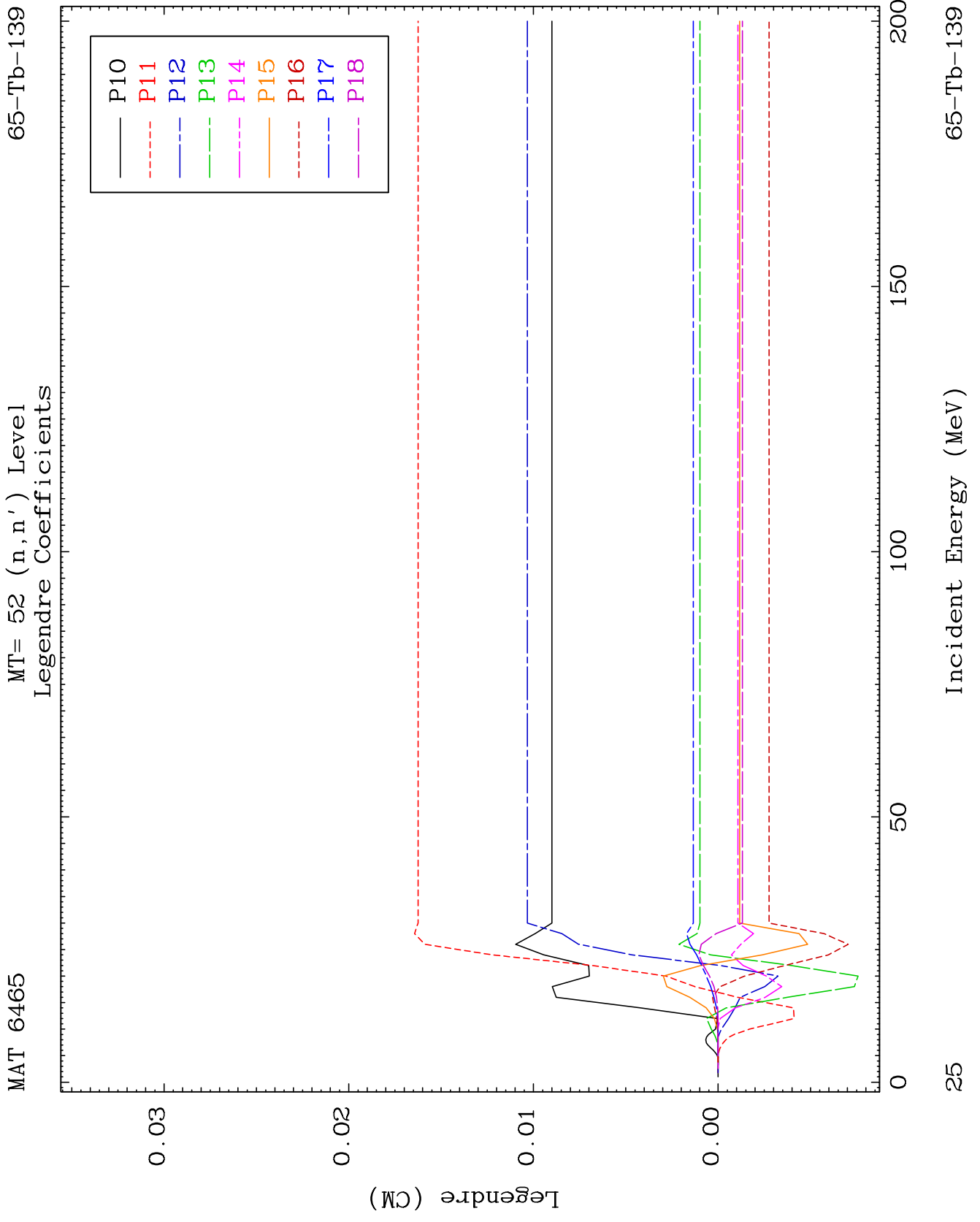
65-Tb-139



24

Incident Energy (MeV)

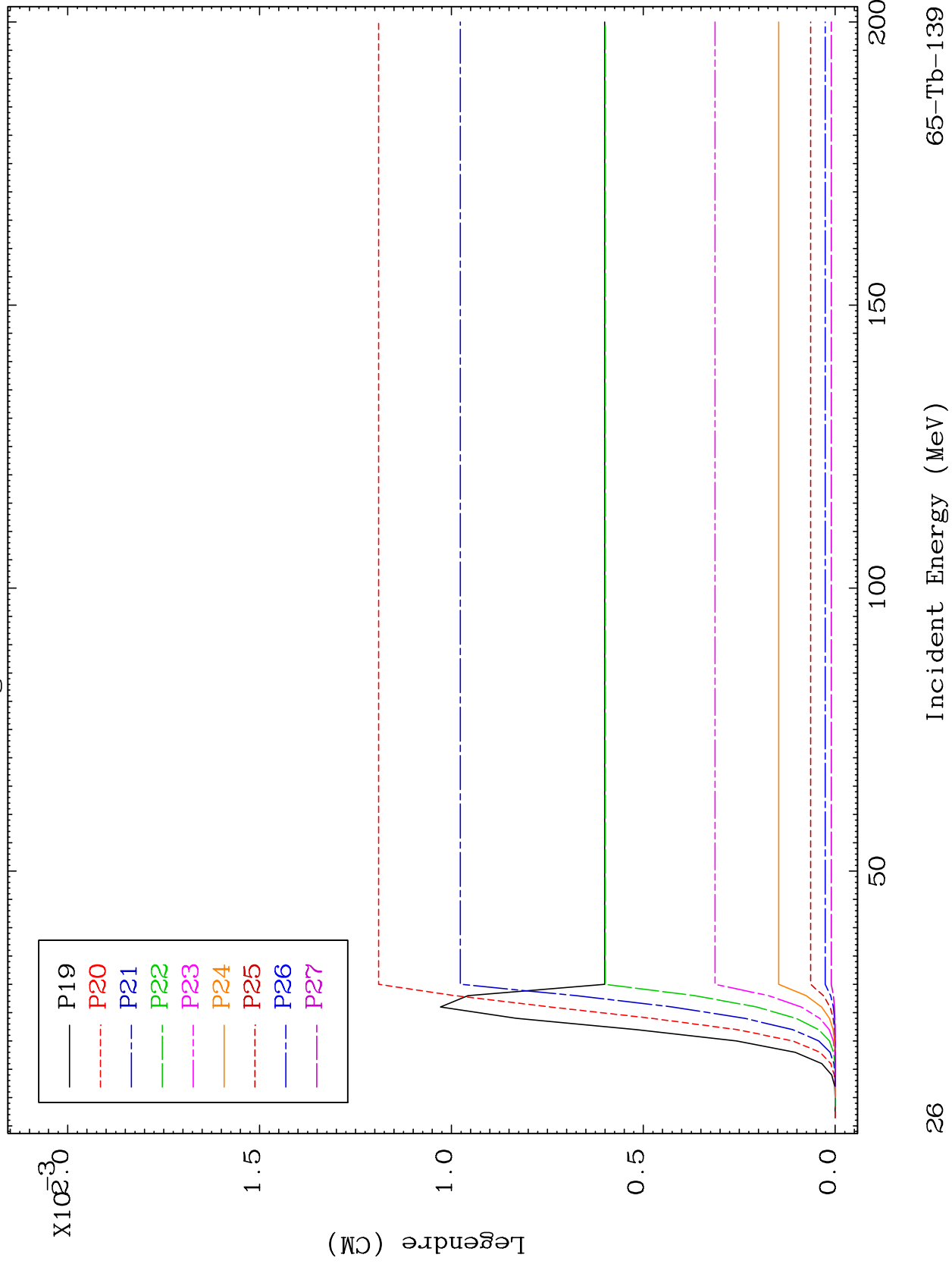
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MAT 6465

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

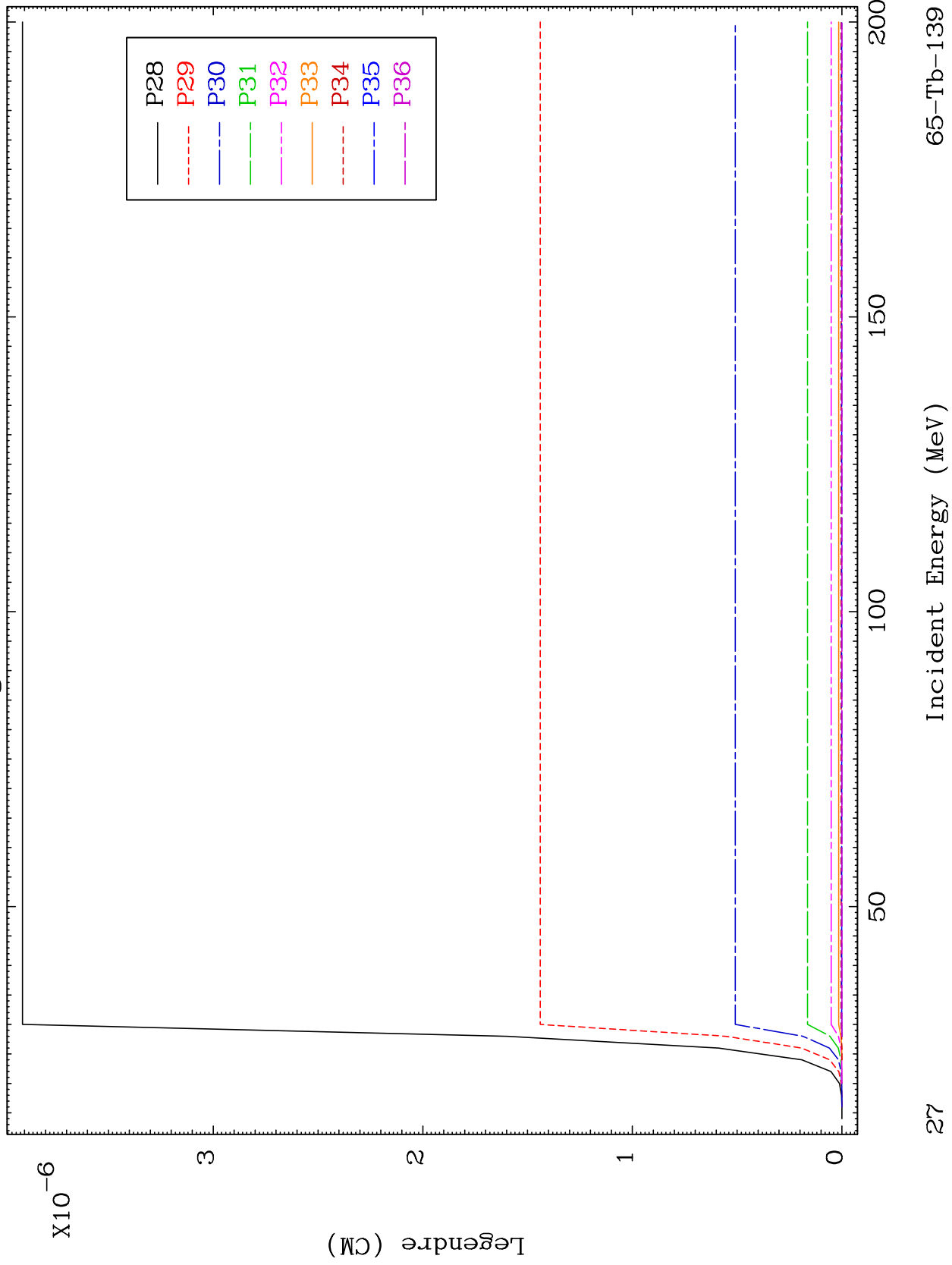
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MAT 6465

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

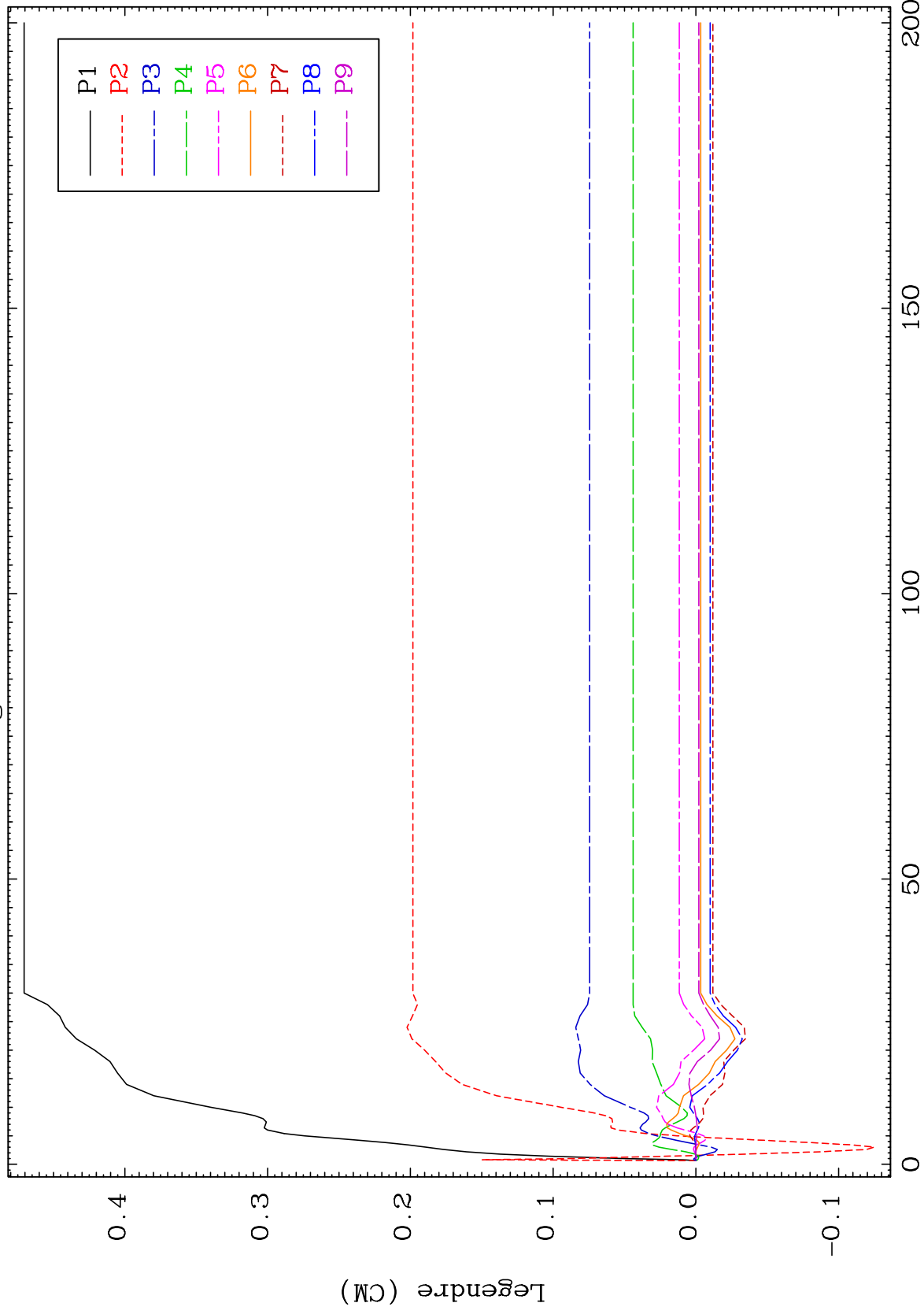
65-Tb-139



MAT 6465

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

65-Tb-139



28

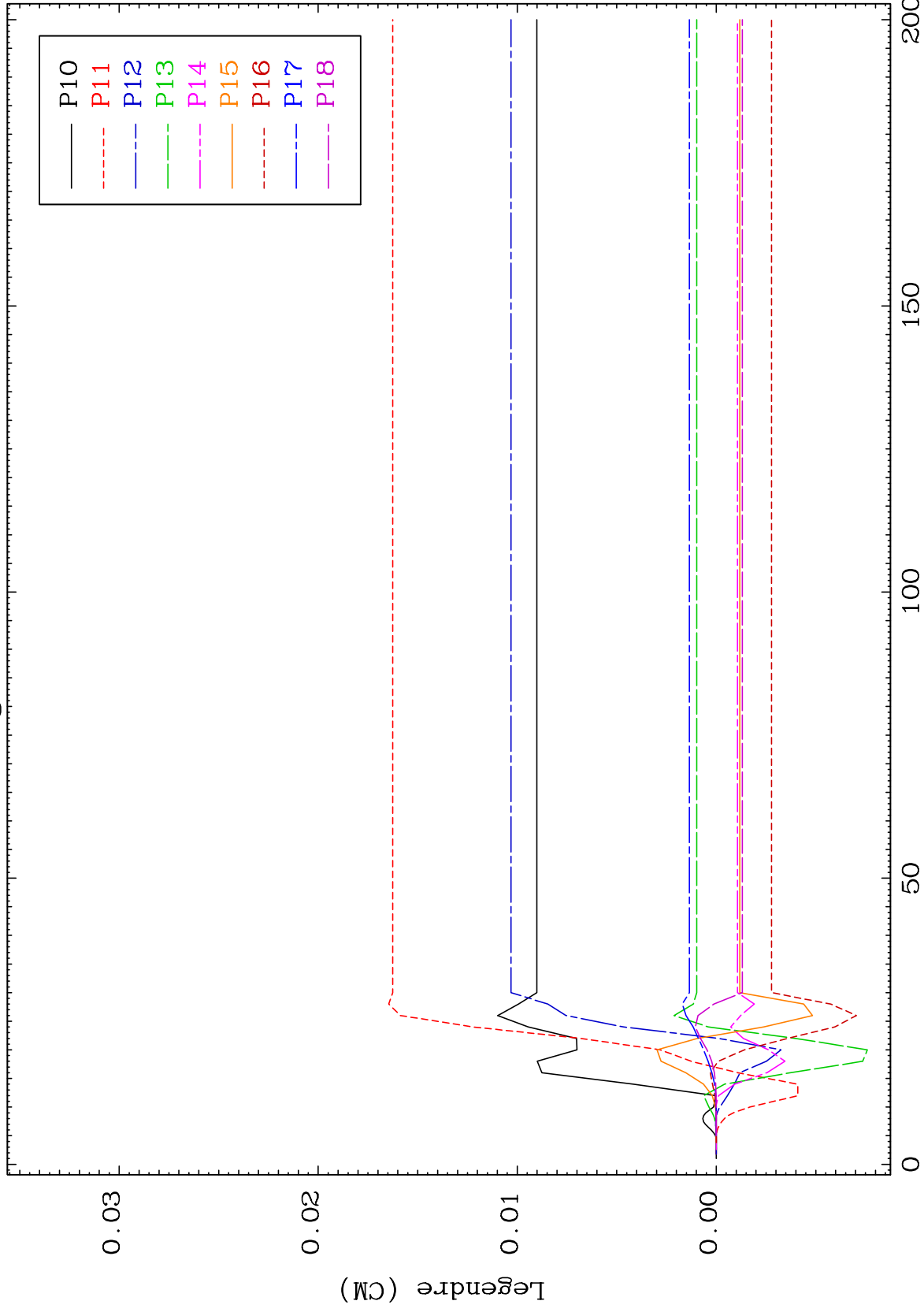
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

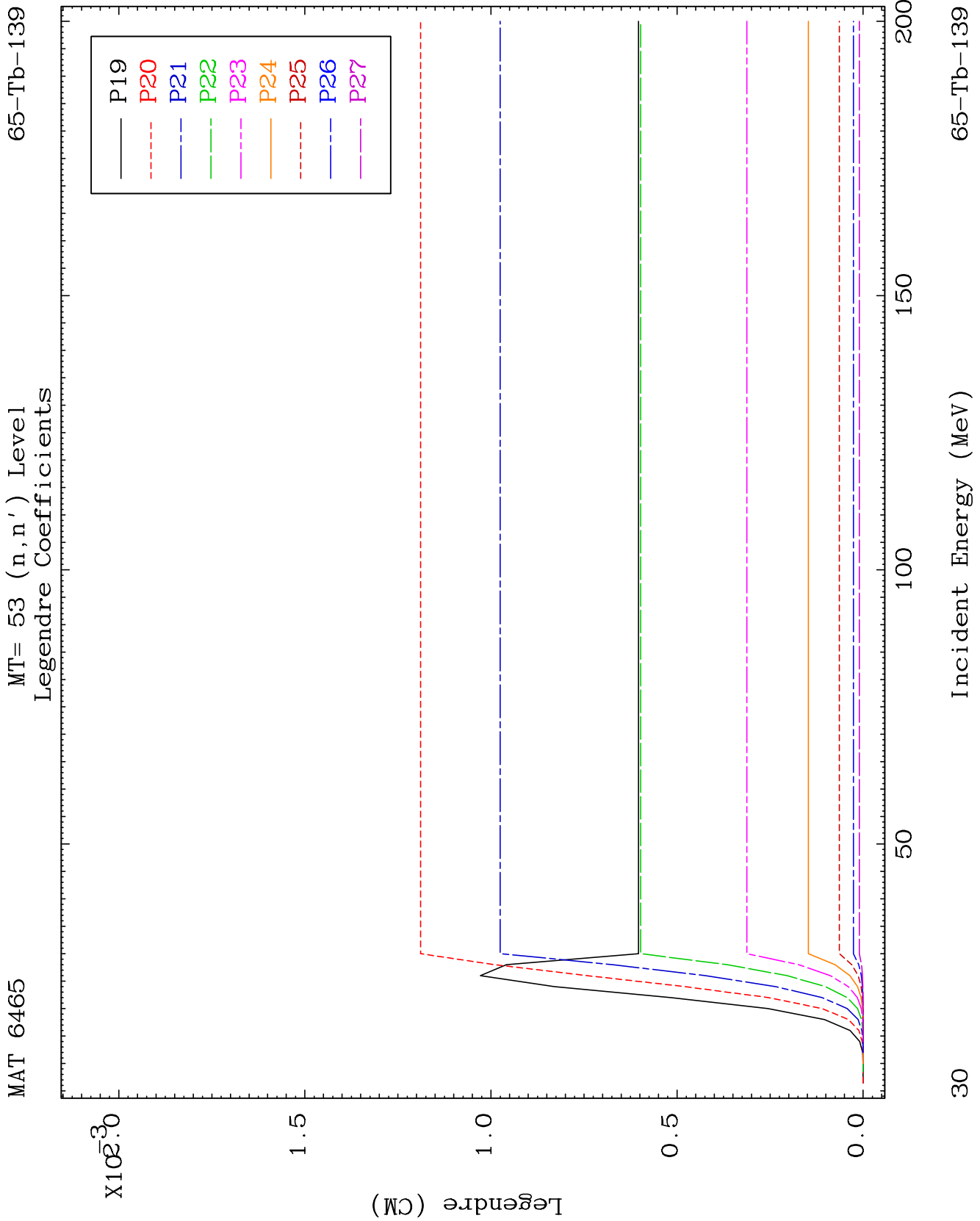
65-Tb-139



29

Incident Energy (MeV)

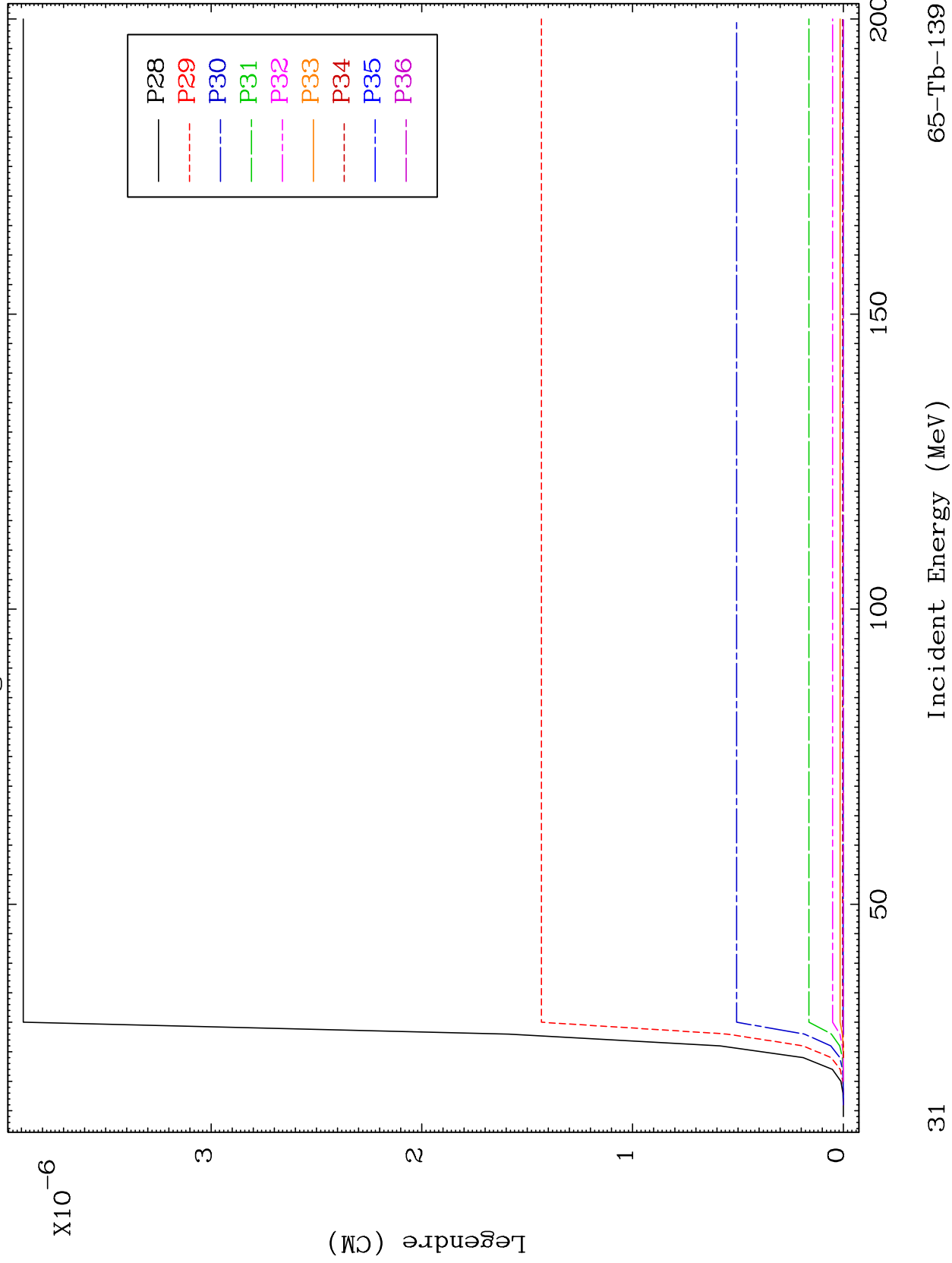
65-Tb-139



MAT 6465

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

65-Tb-139



31

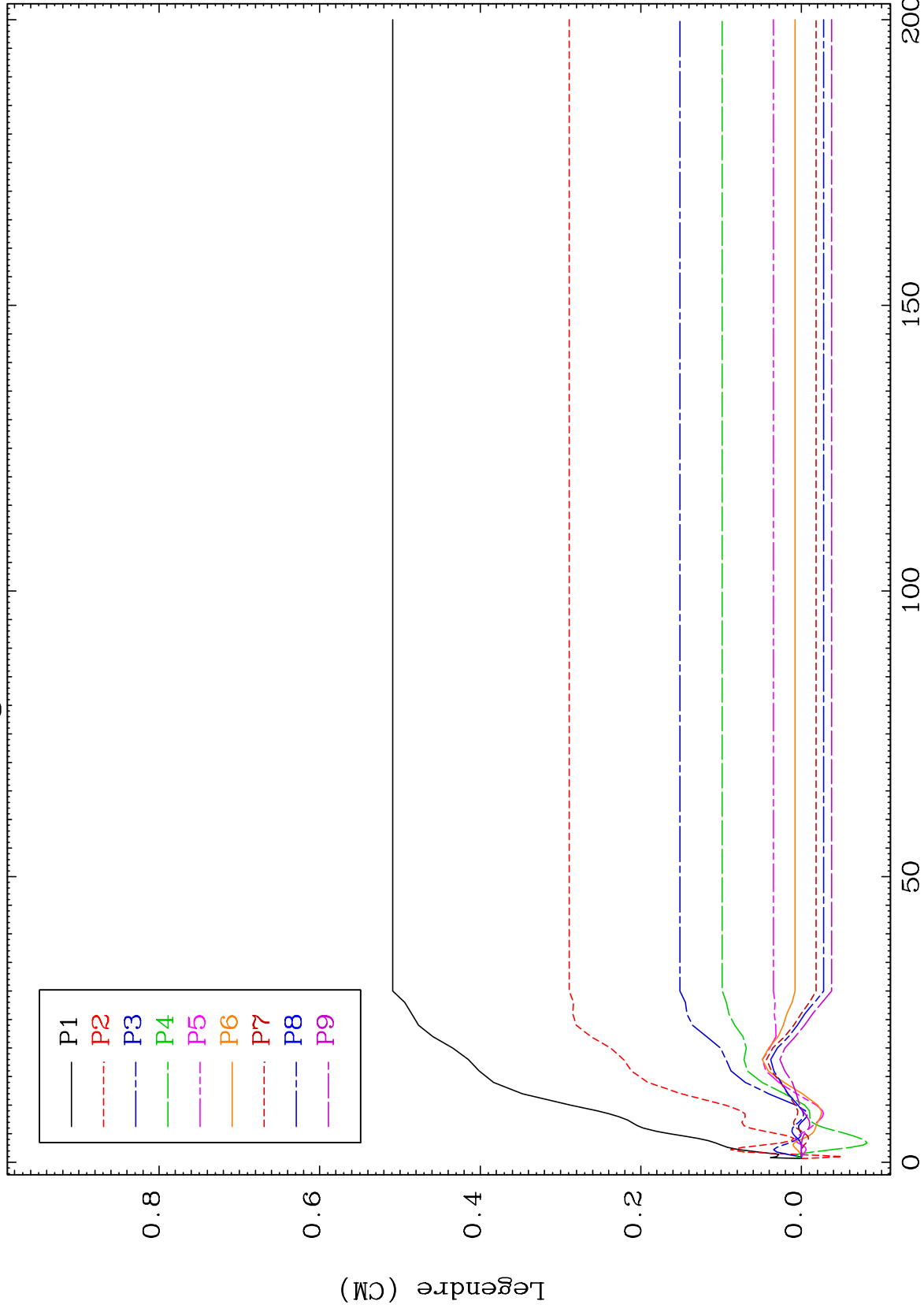
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



32

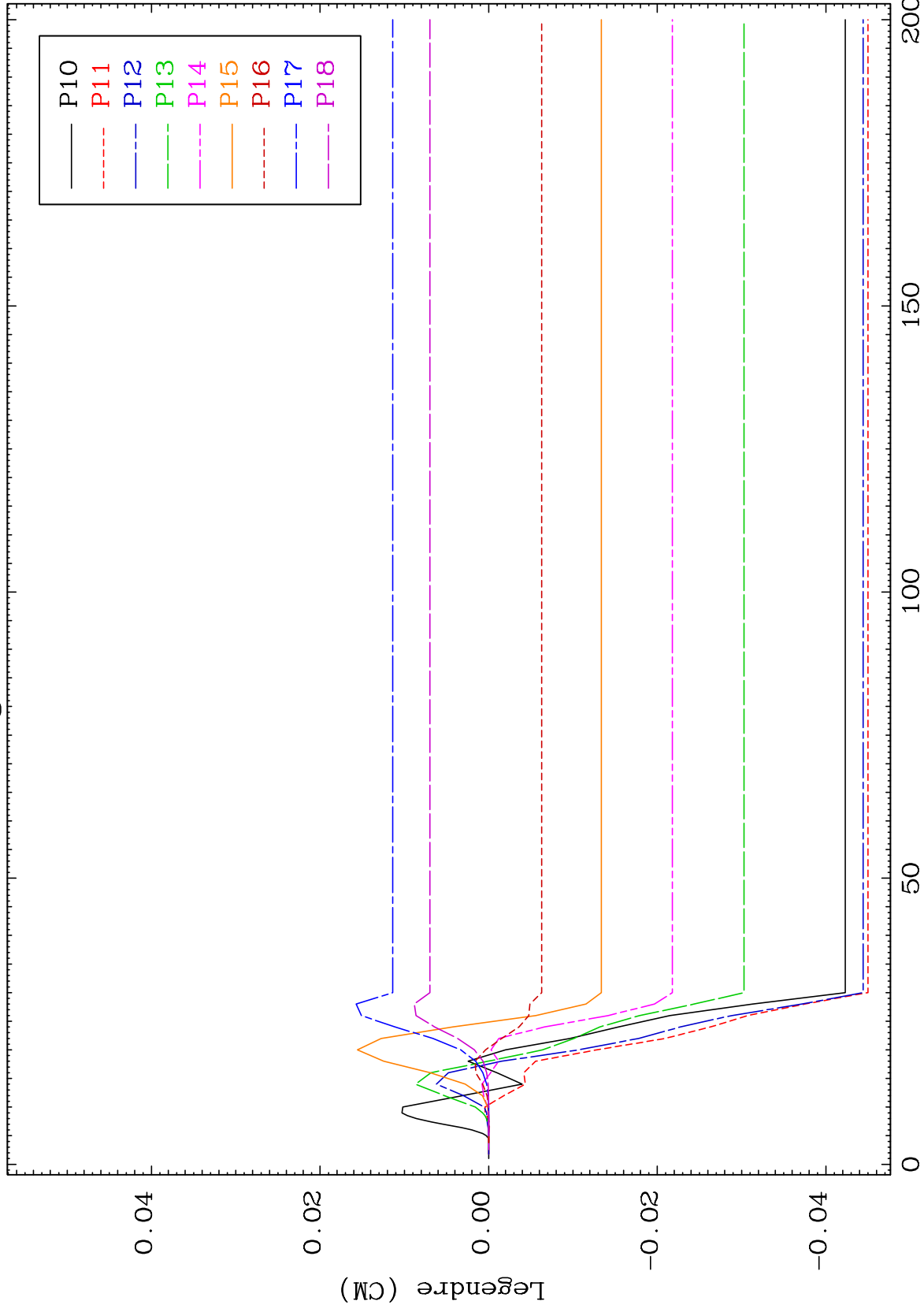
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



33

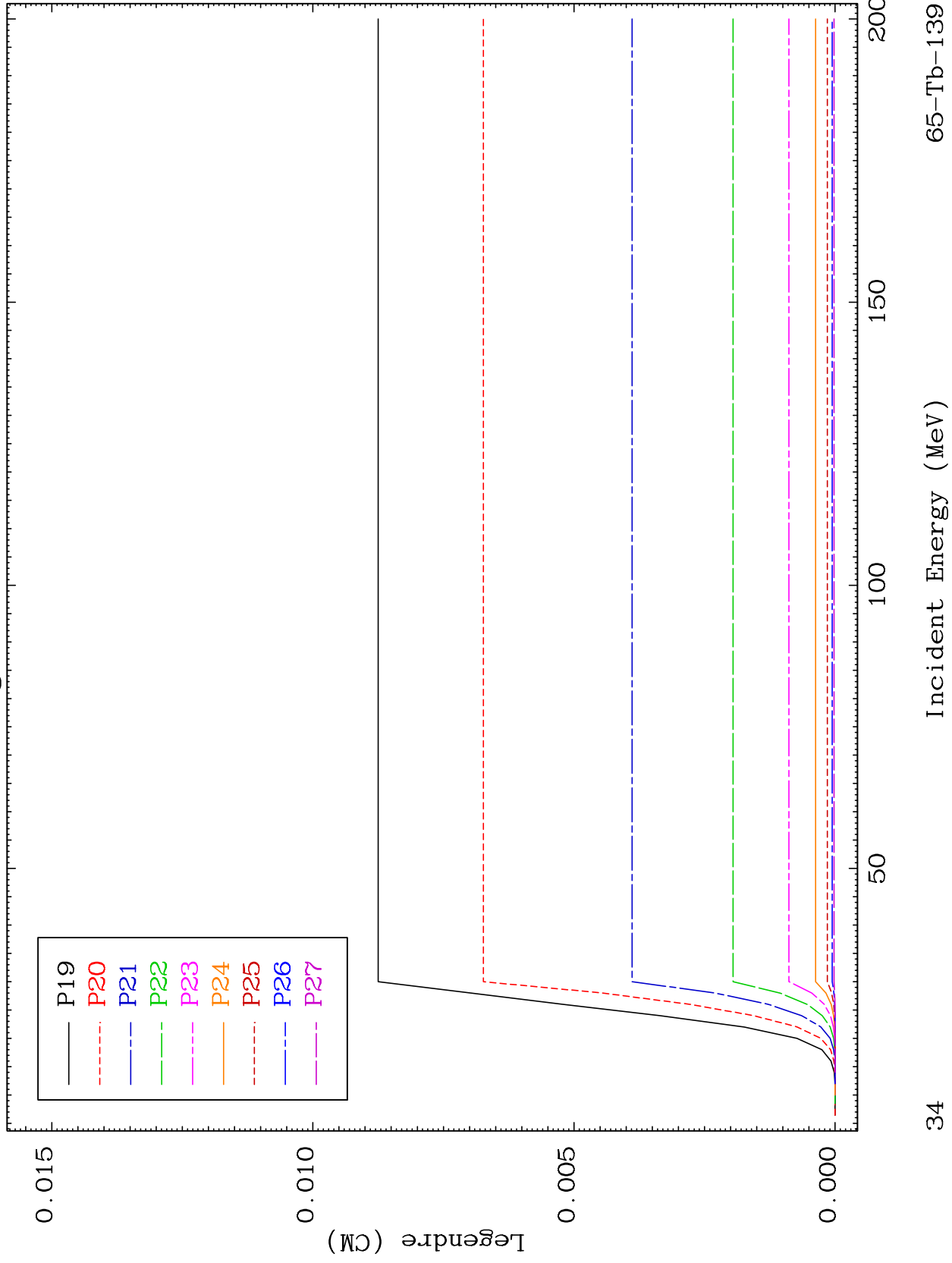
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



34

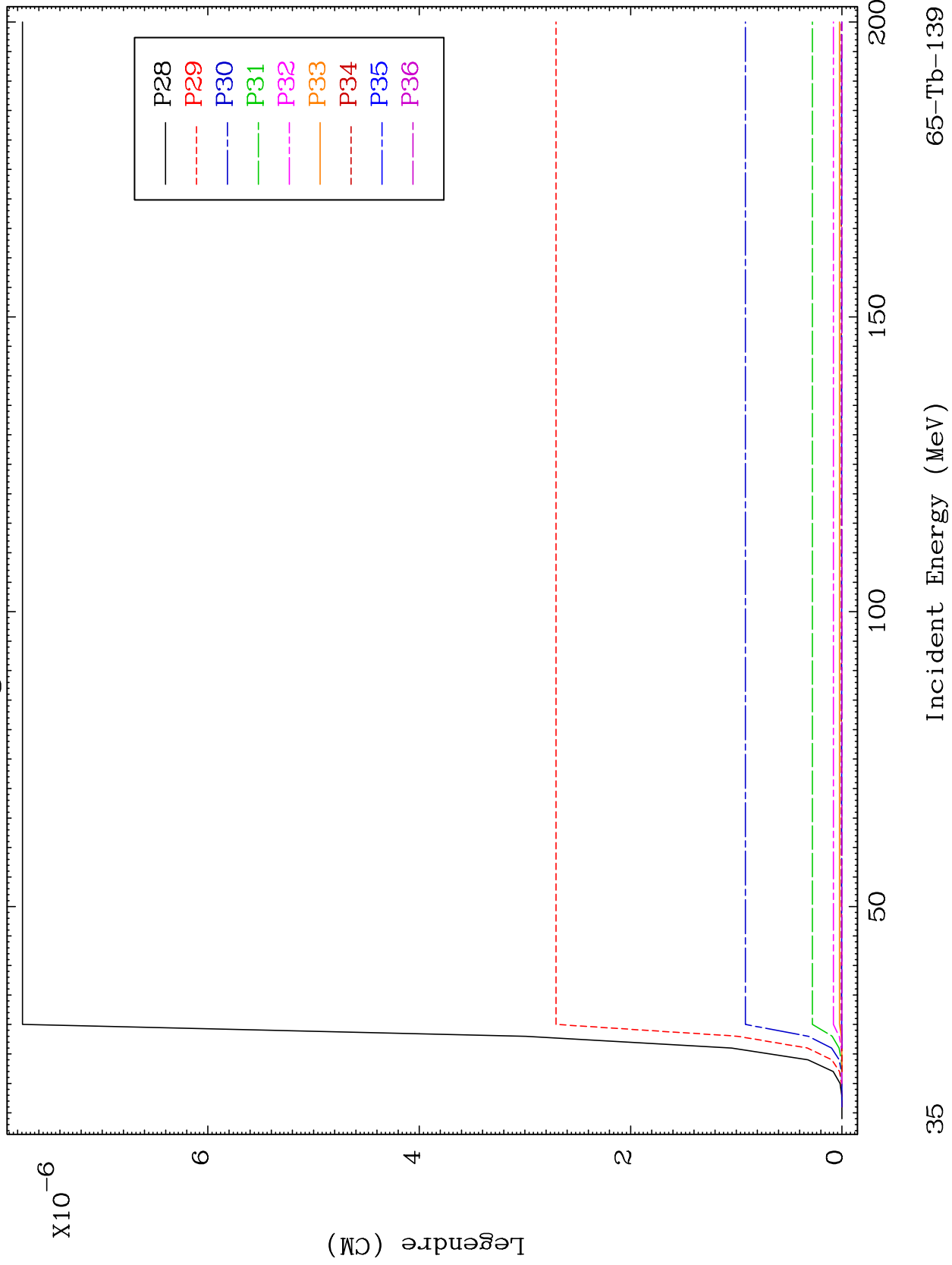
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



35

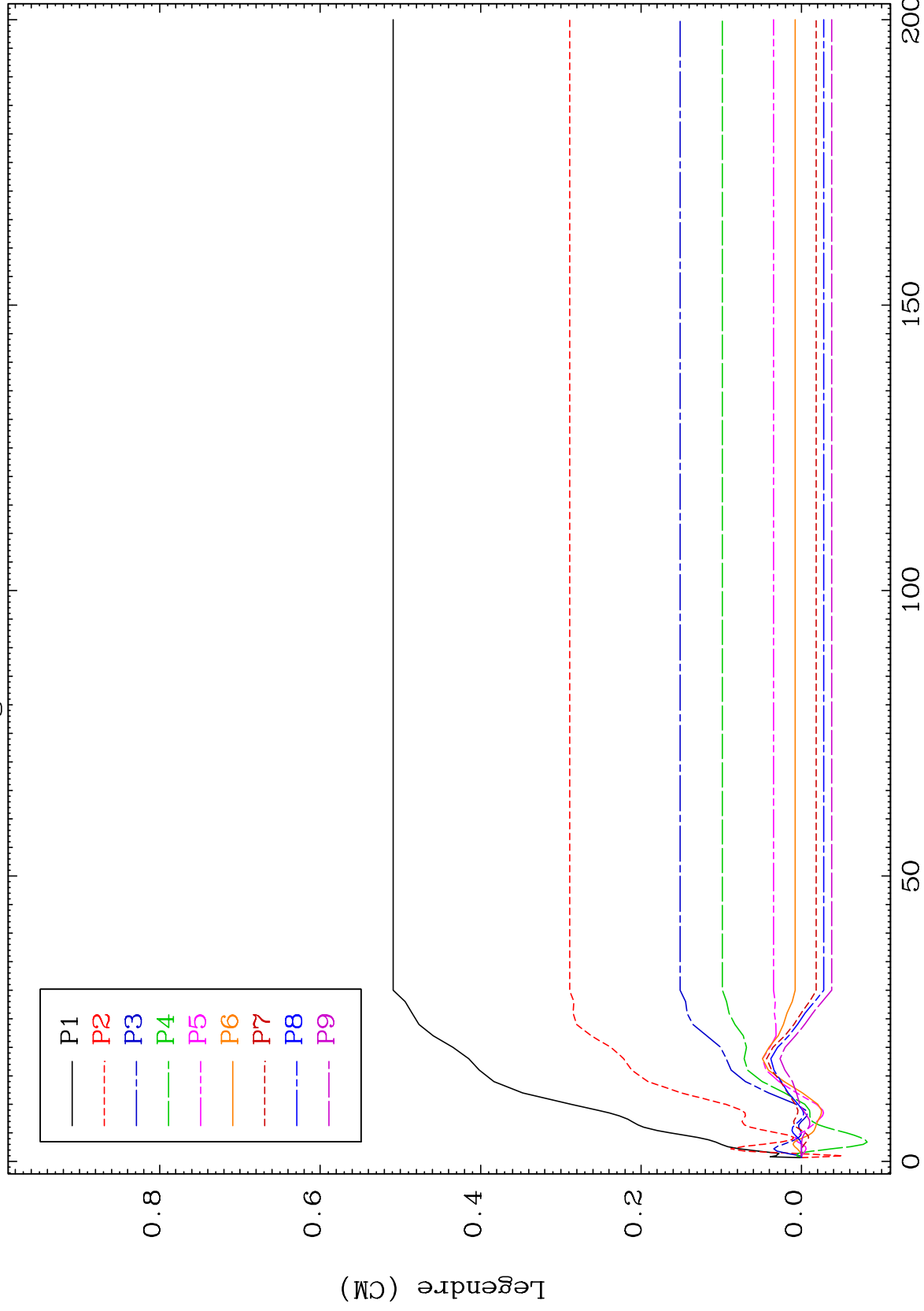
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



36

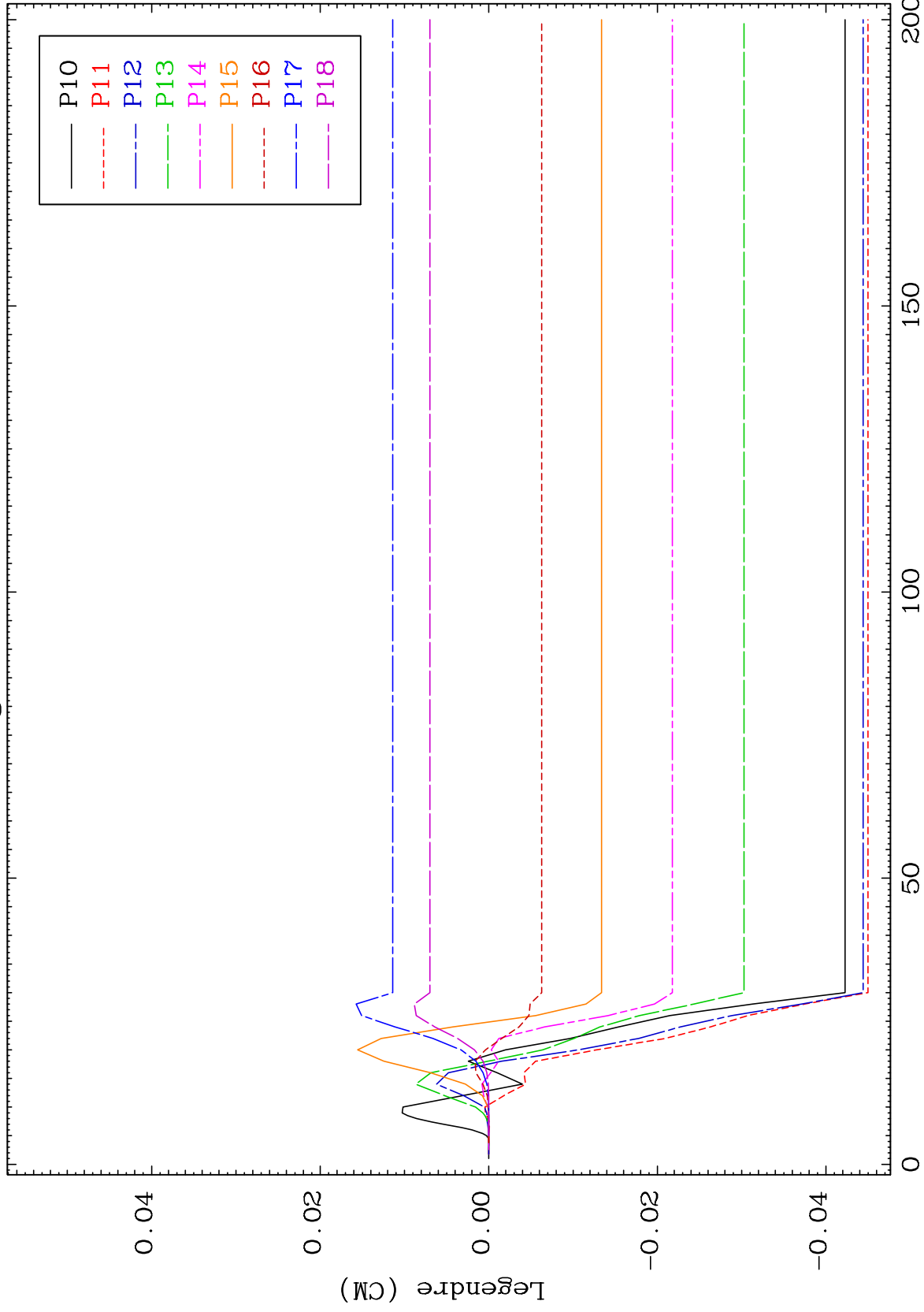
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



37

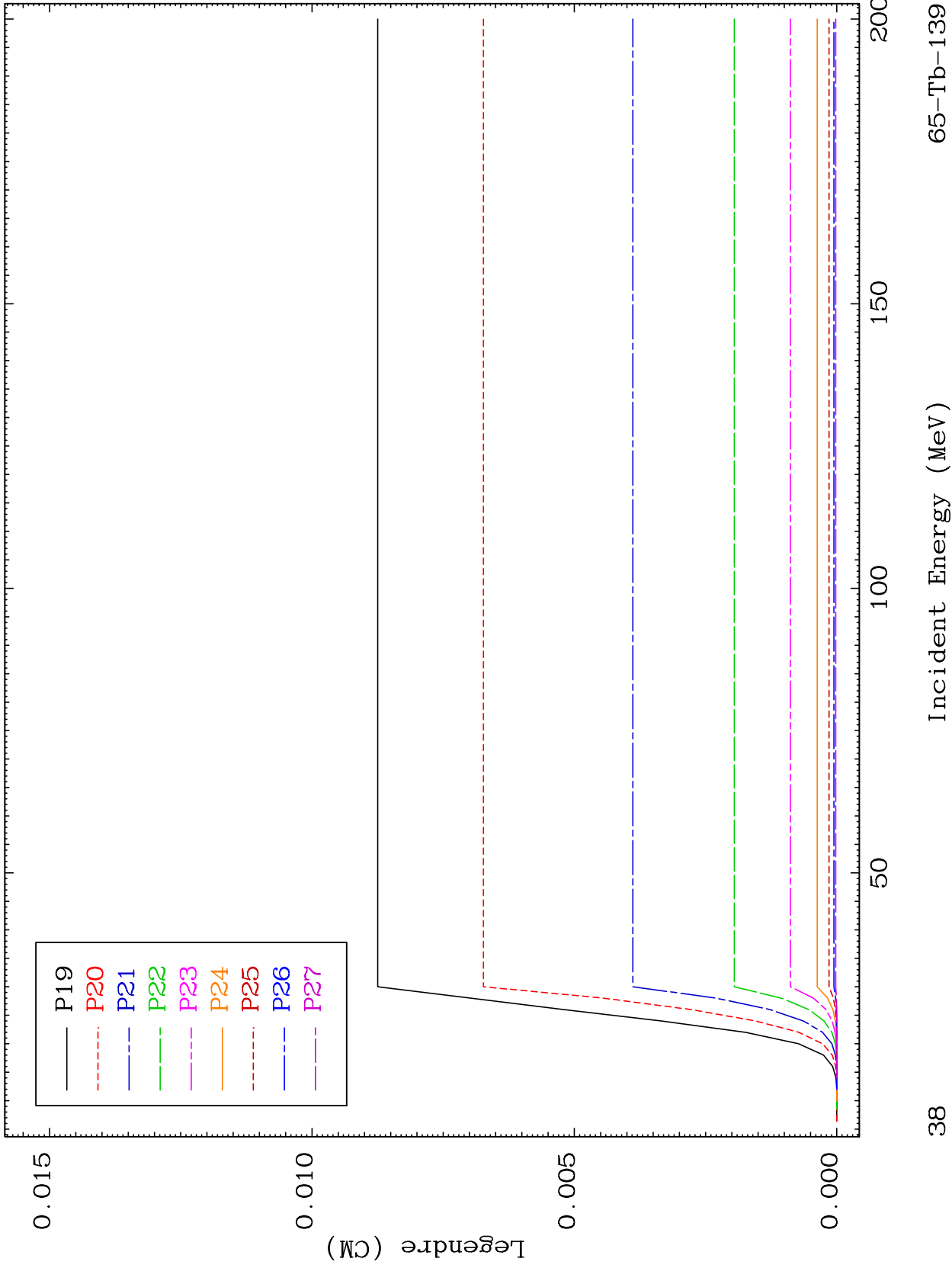
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



38

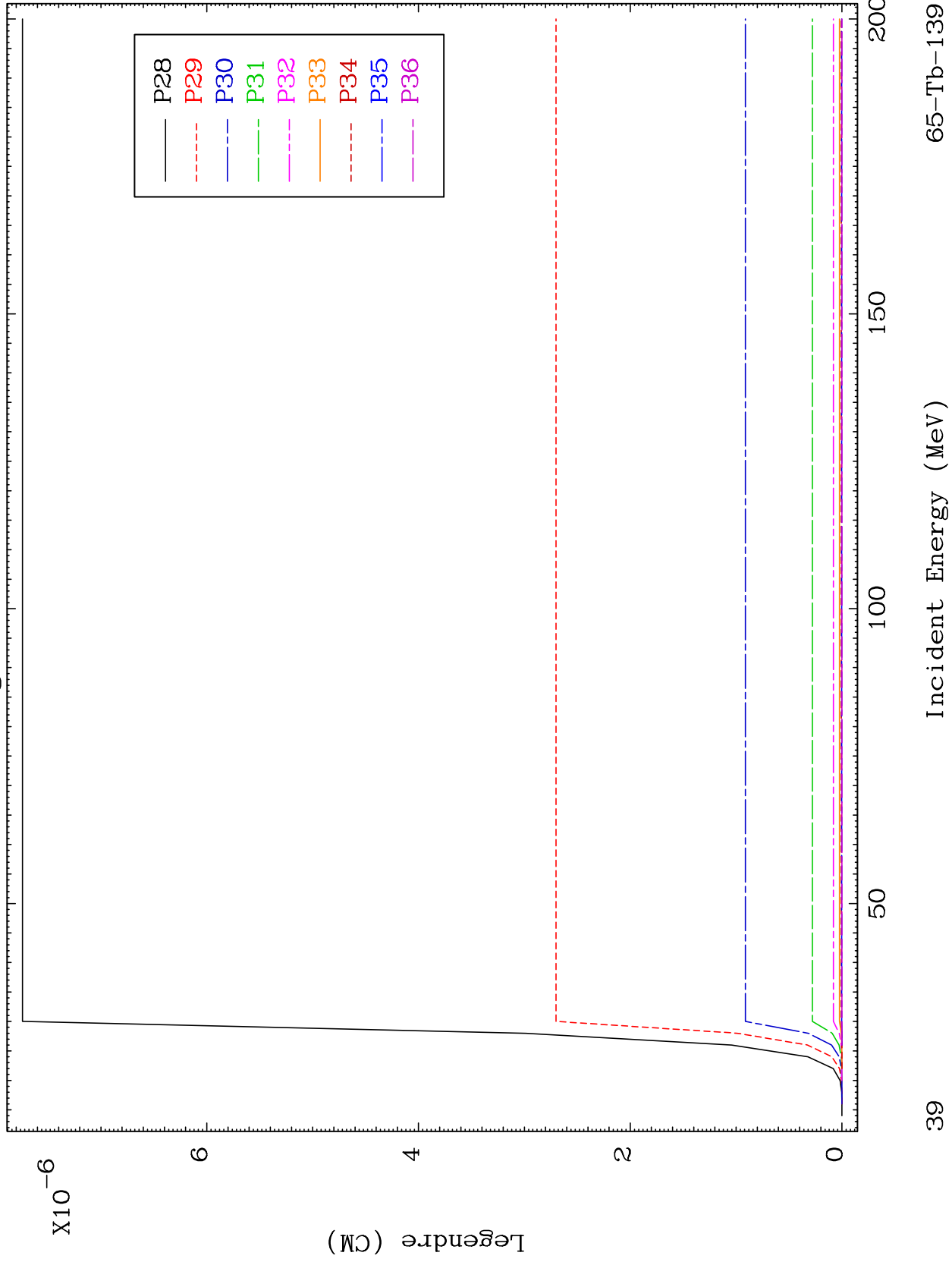
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



39

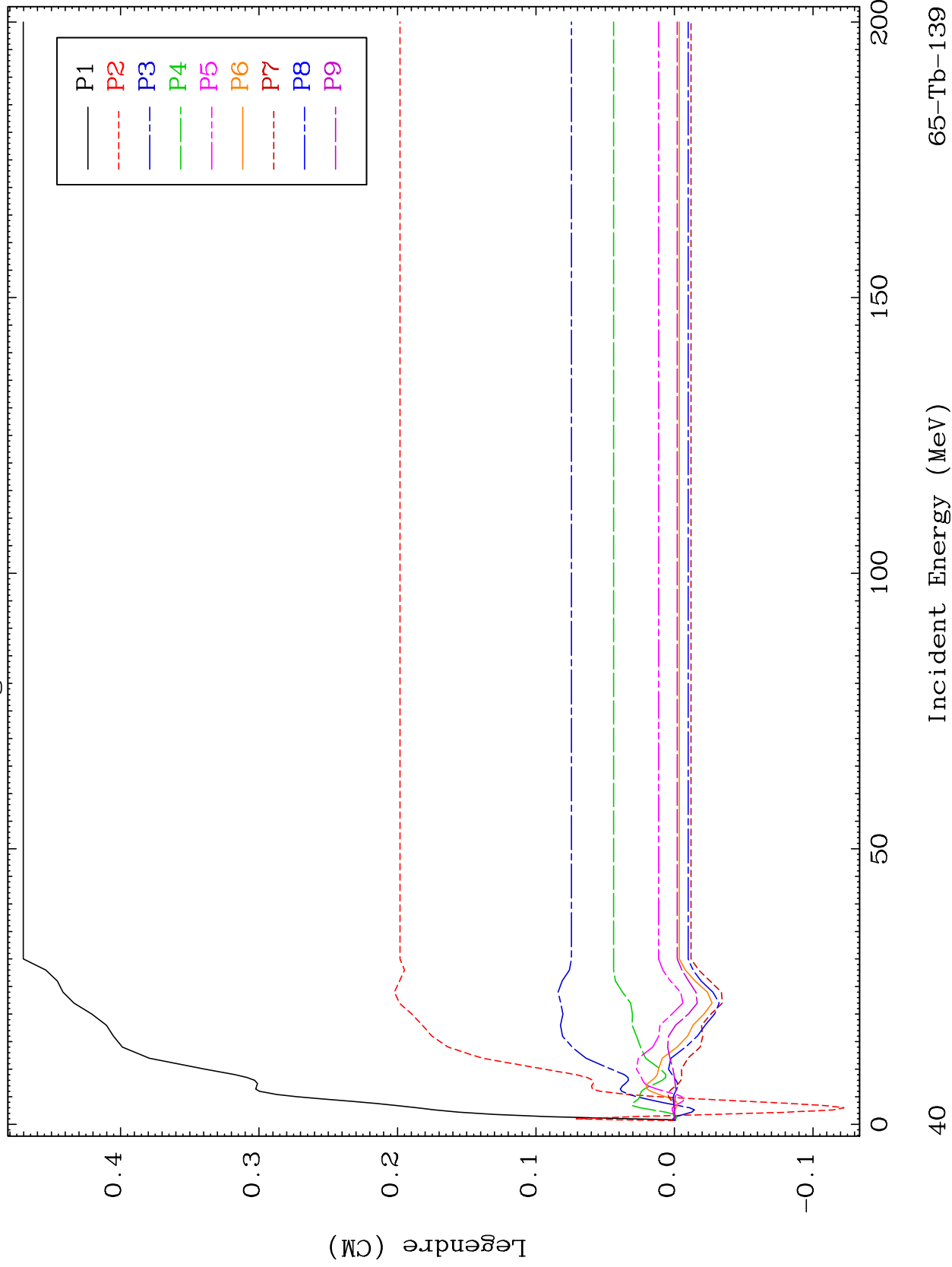
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



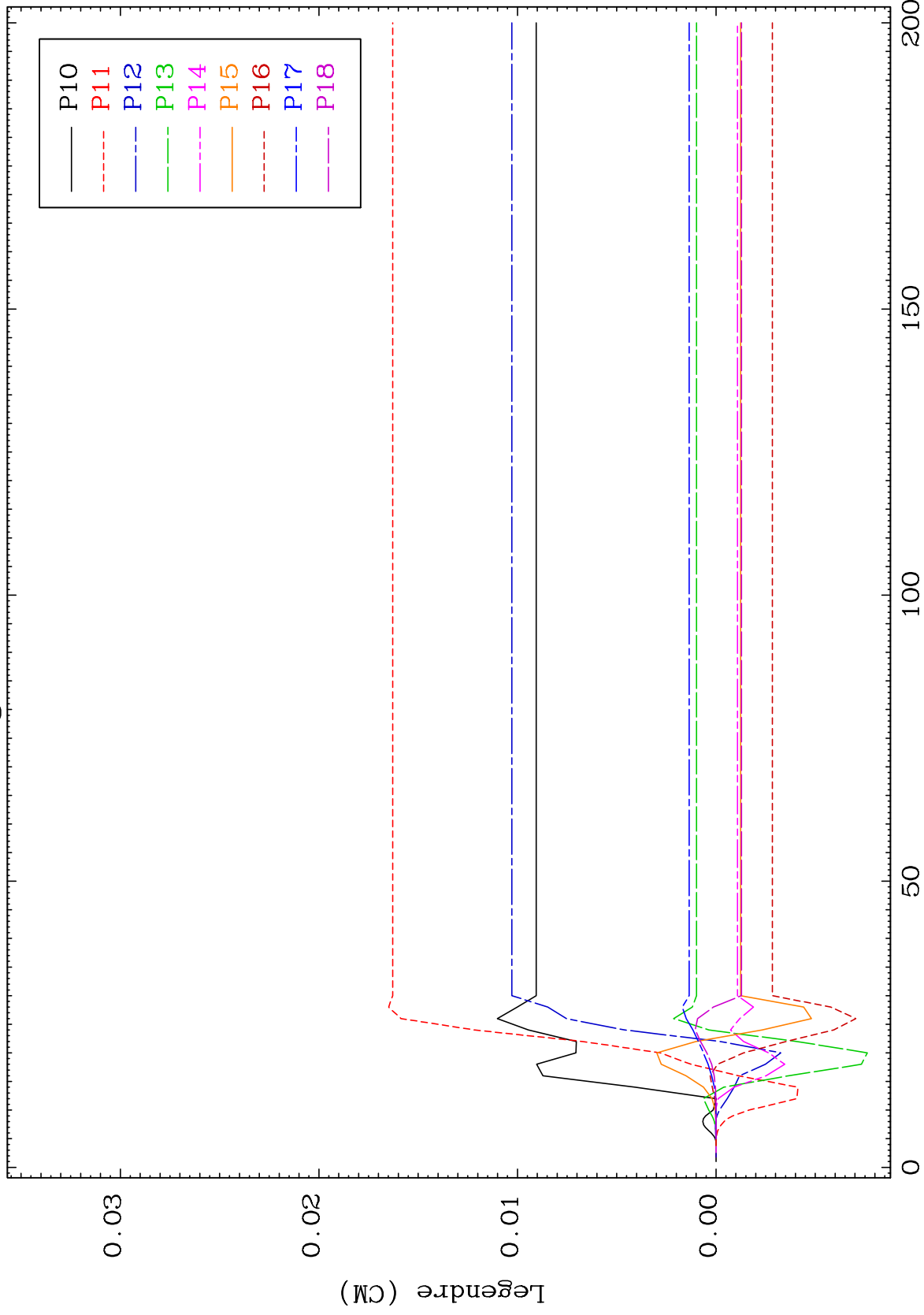
65-Tb-139

Incident Energy (MeV)

MAT 6465

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

65-Tb-139



41

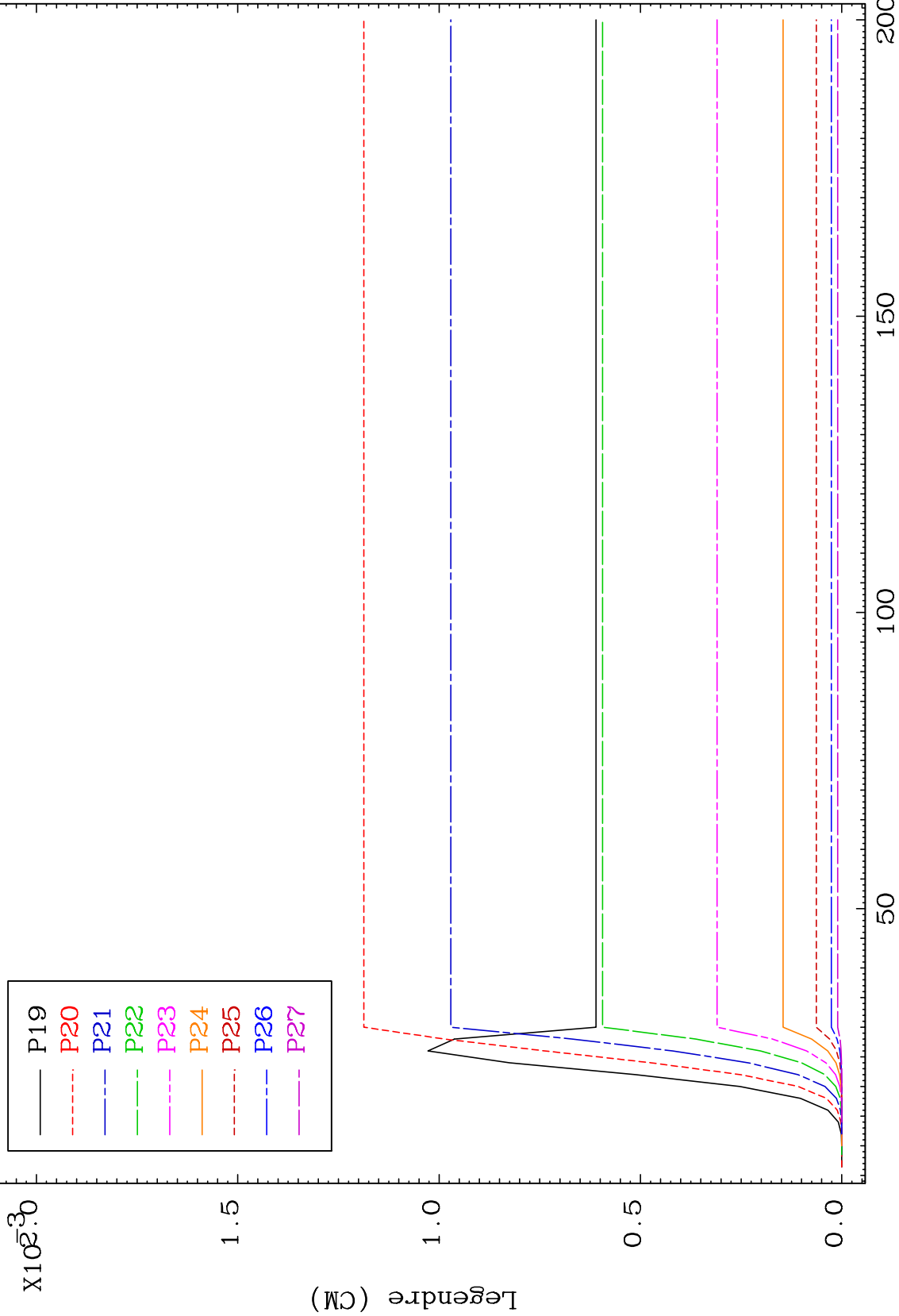
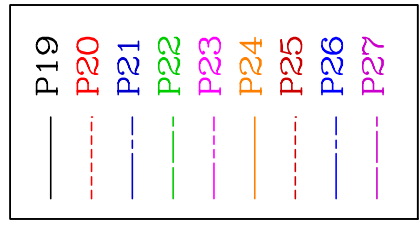
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



42

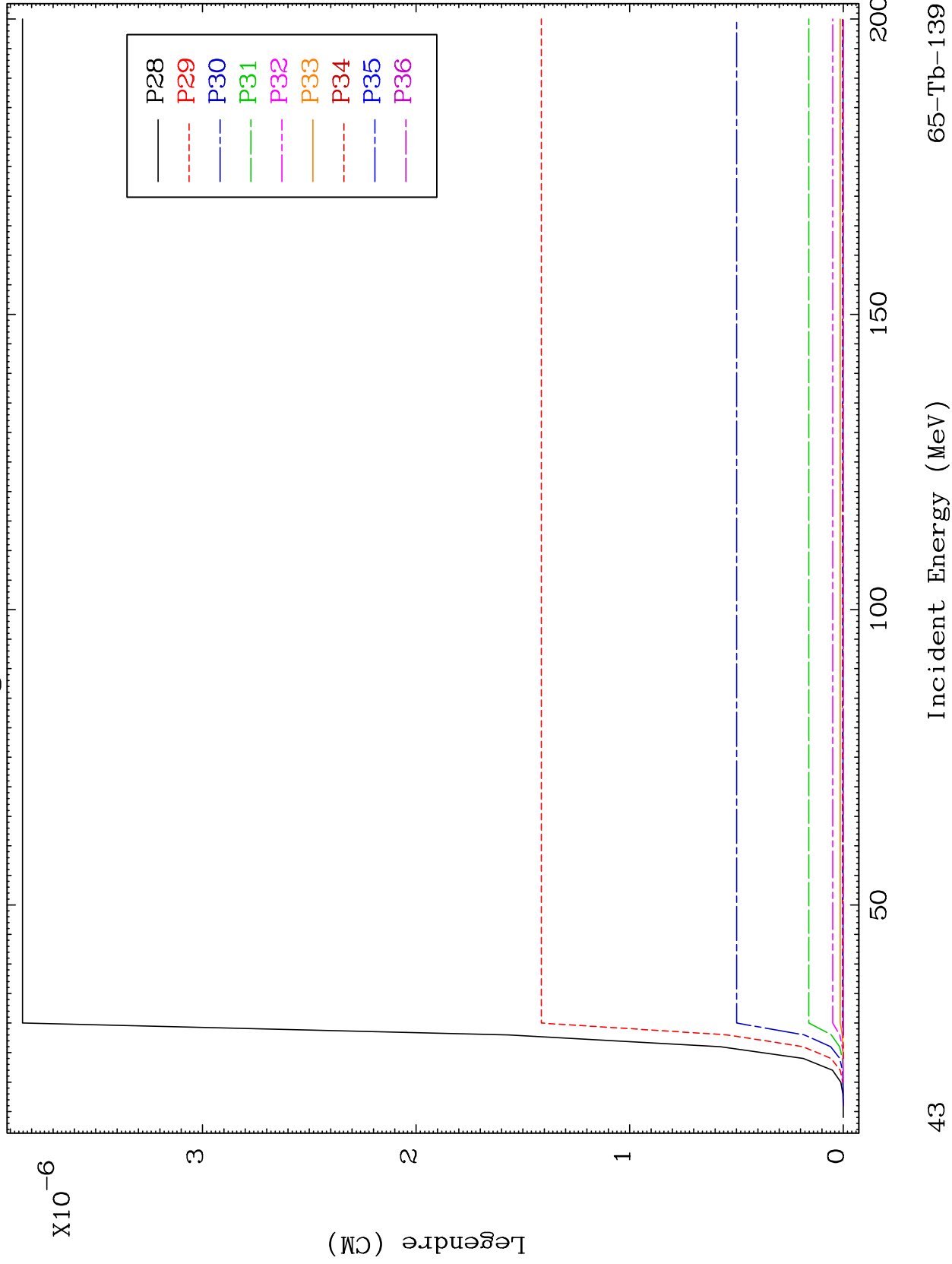
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



43

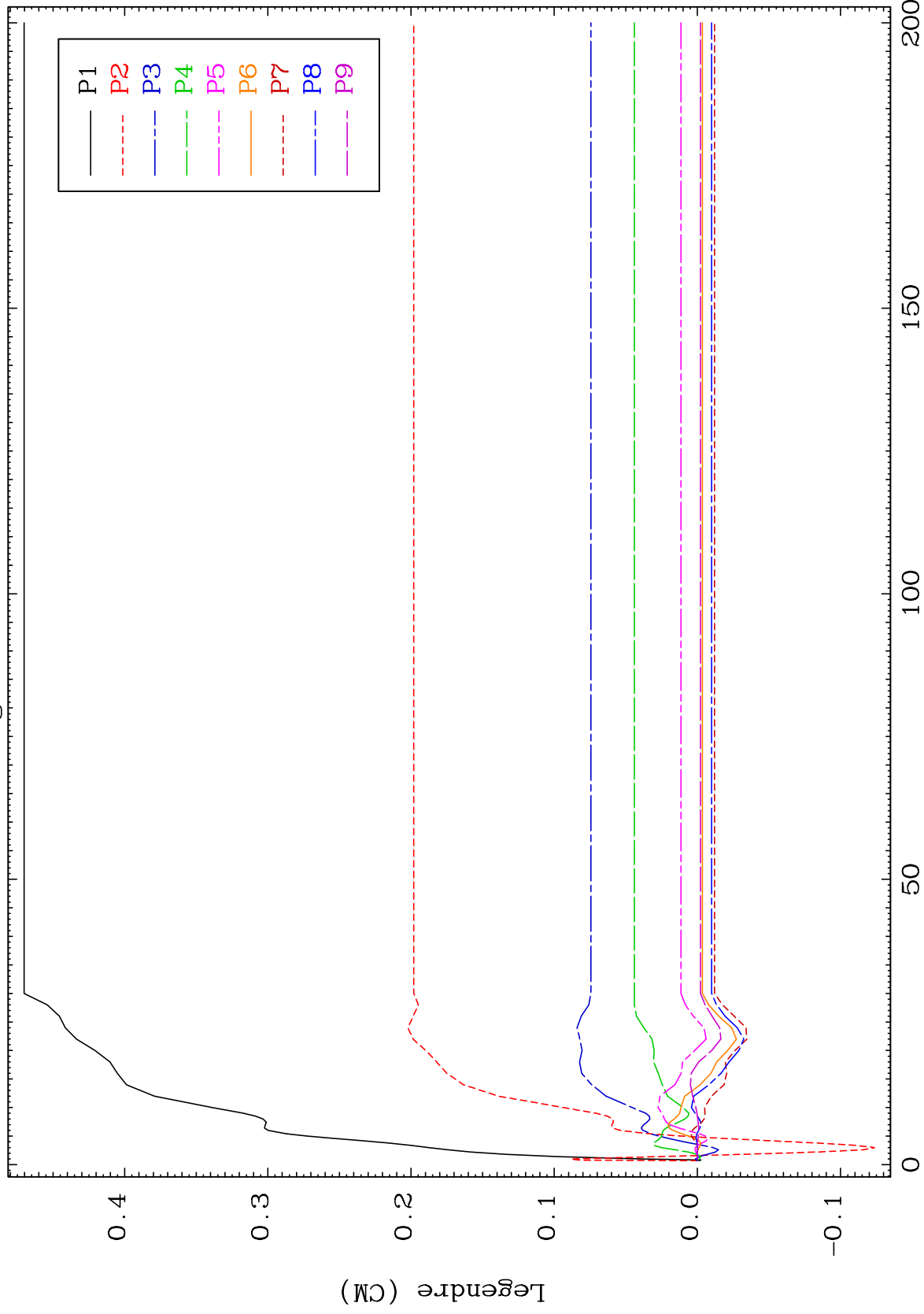
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

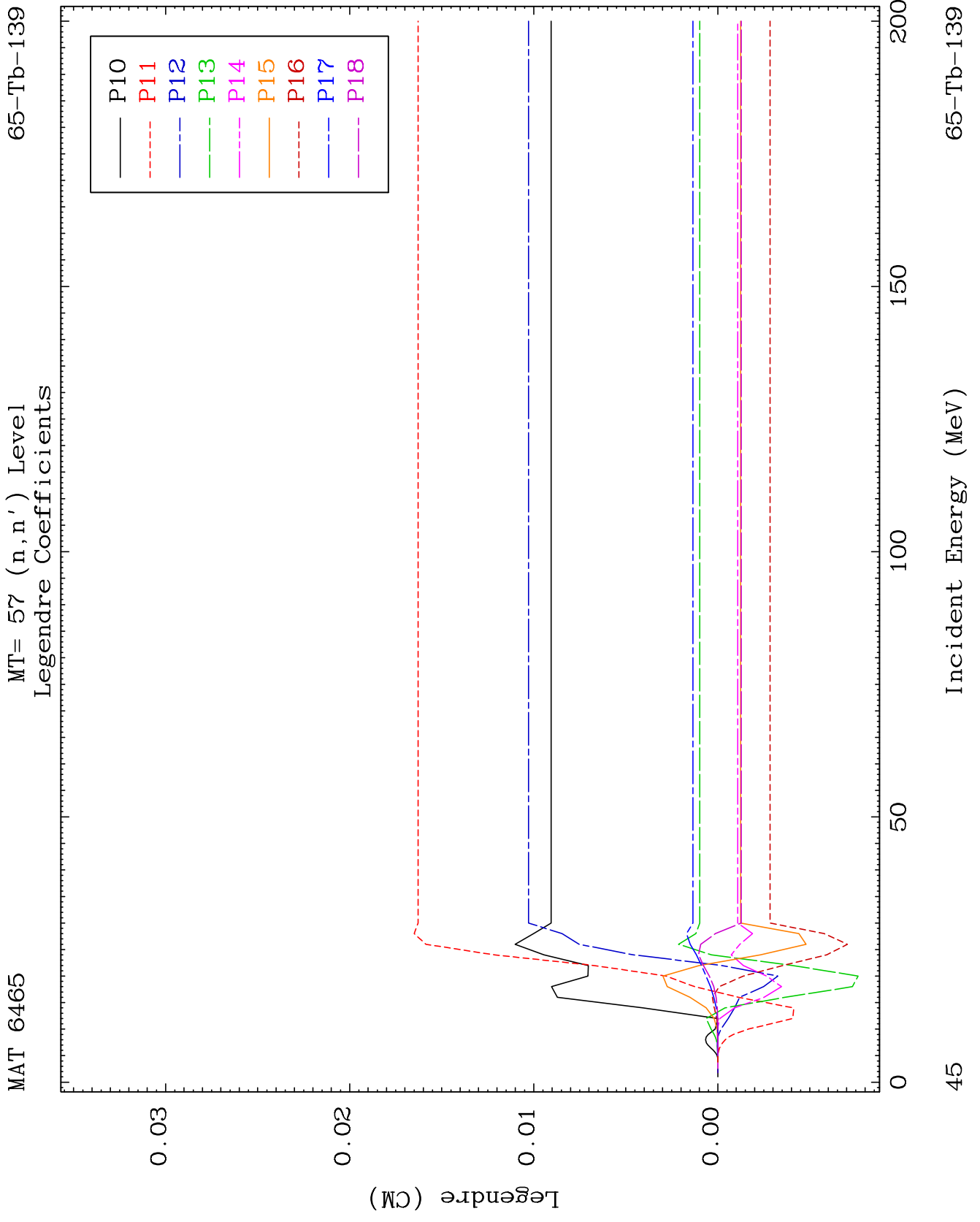
65-Tb-139



44

Incident Energy (MeV)

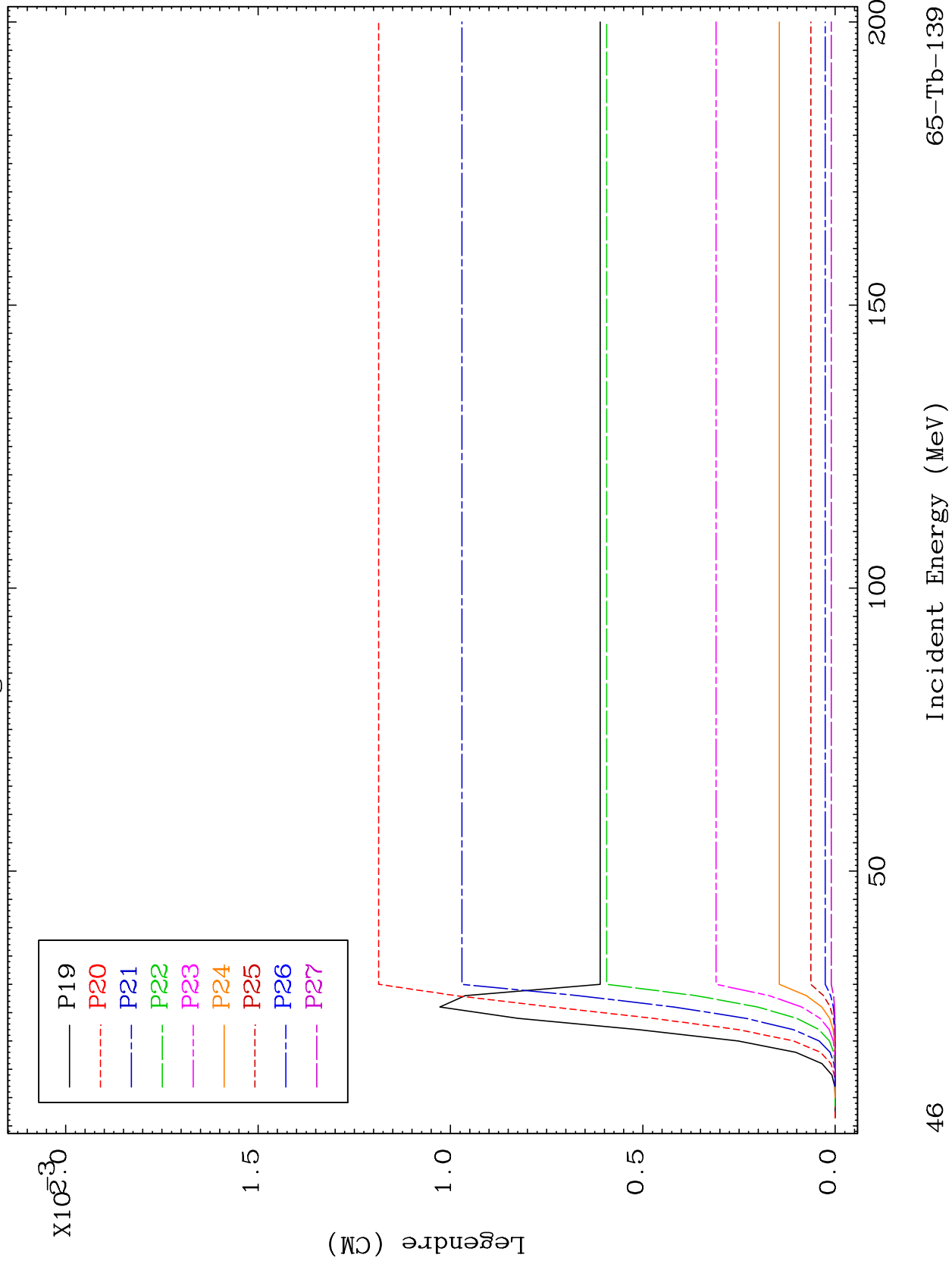
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MAT 6465

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

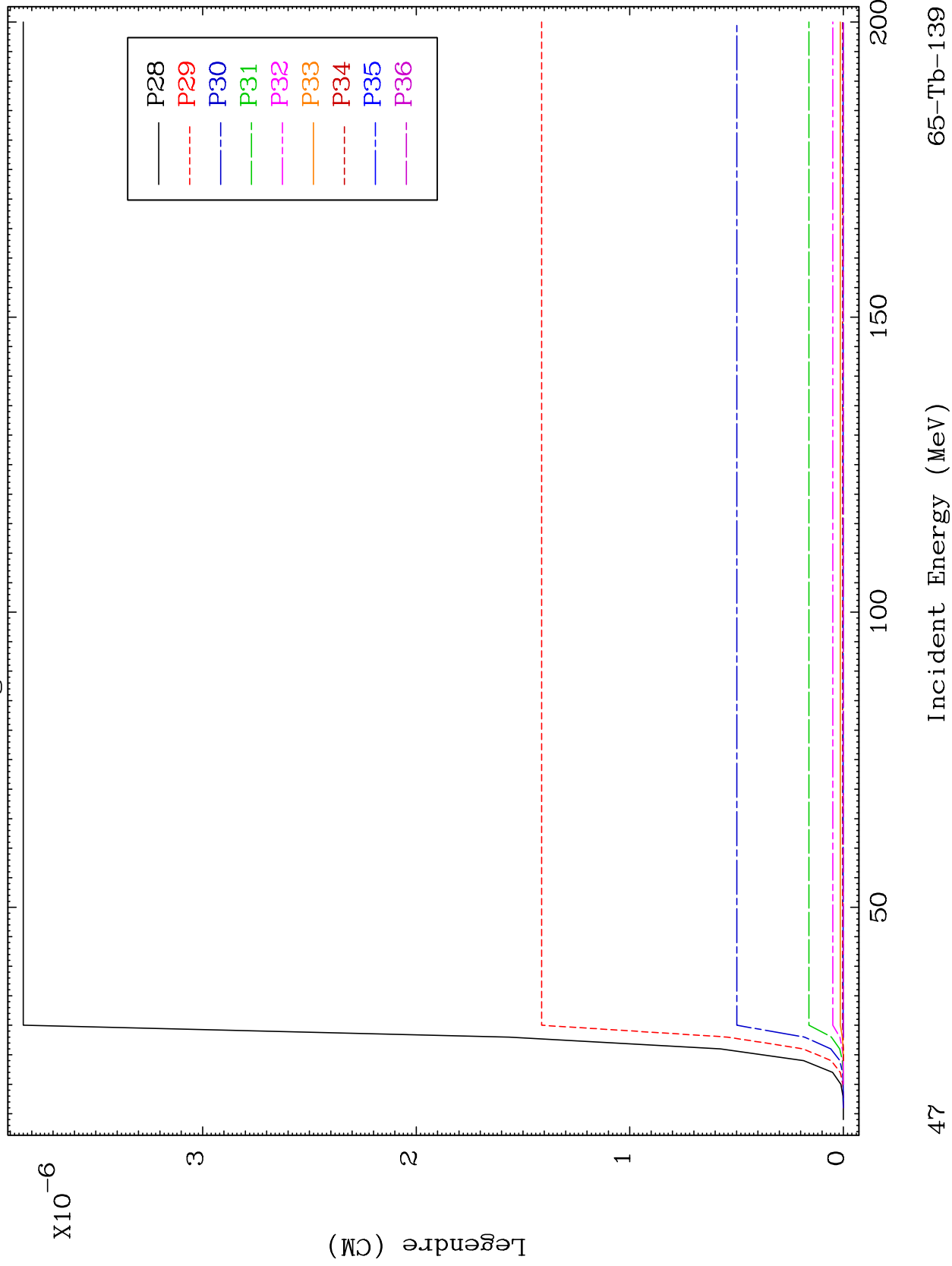
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MAT 6465

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

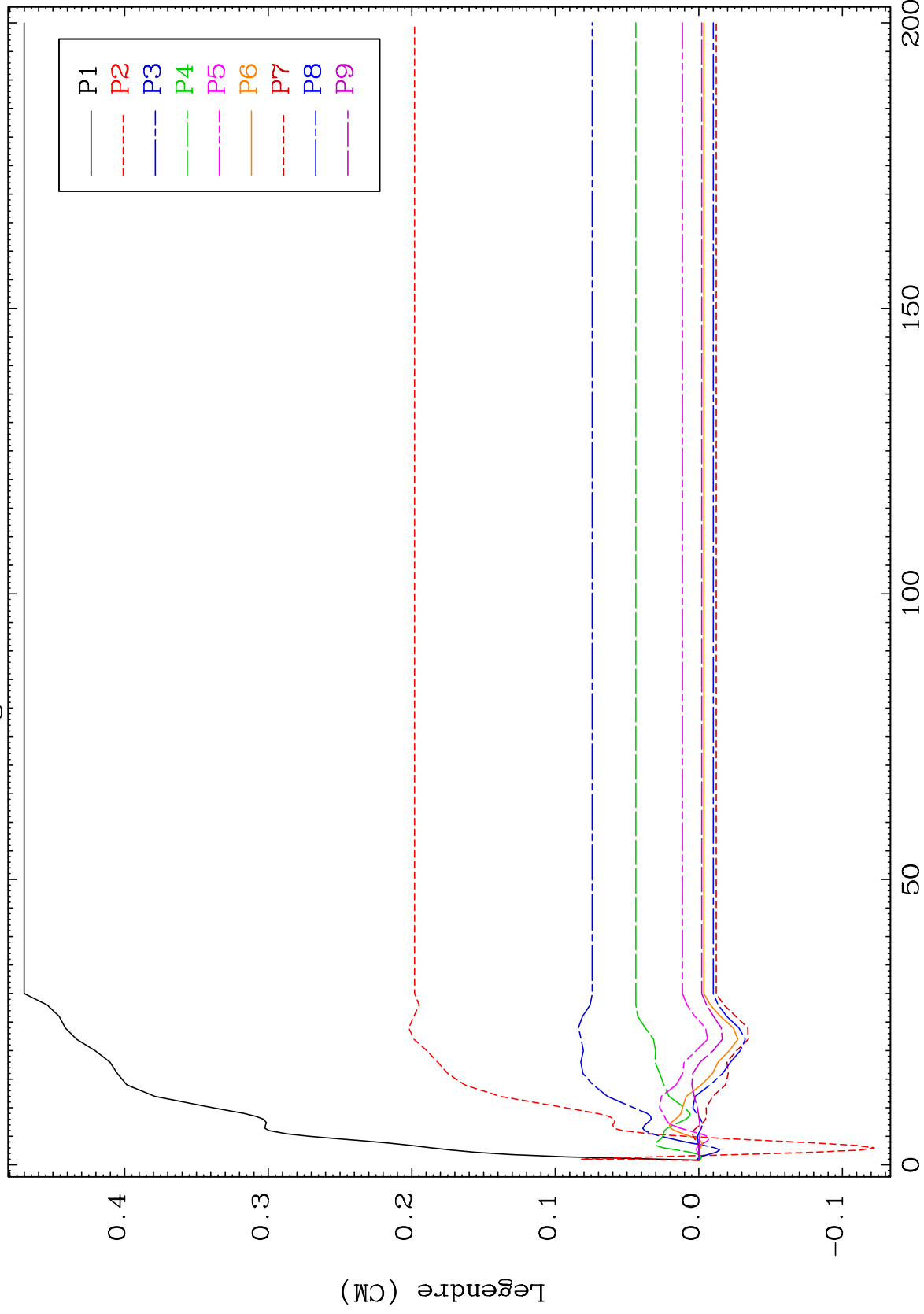
65-Tb-139



MAT 6465

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

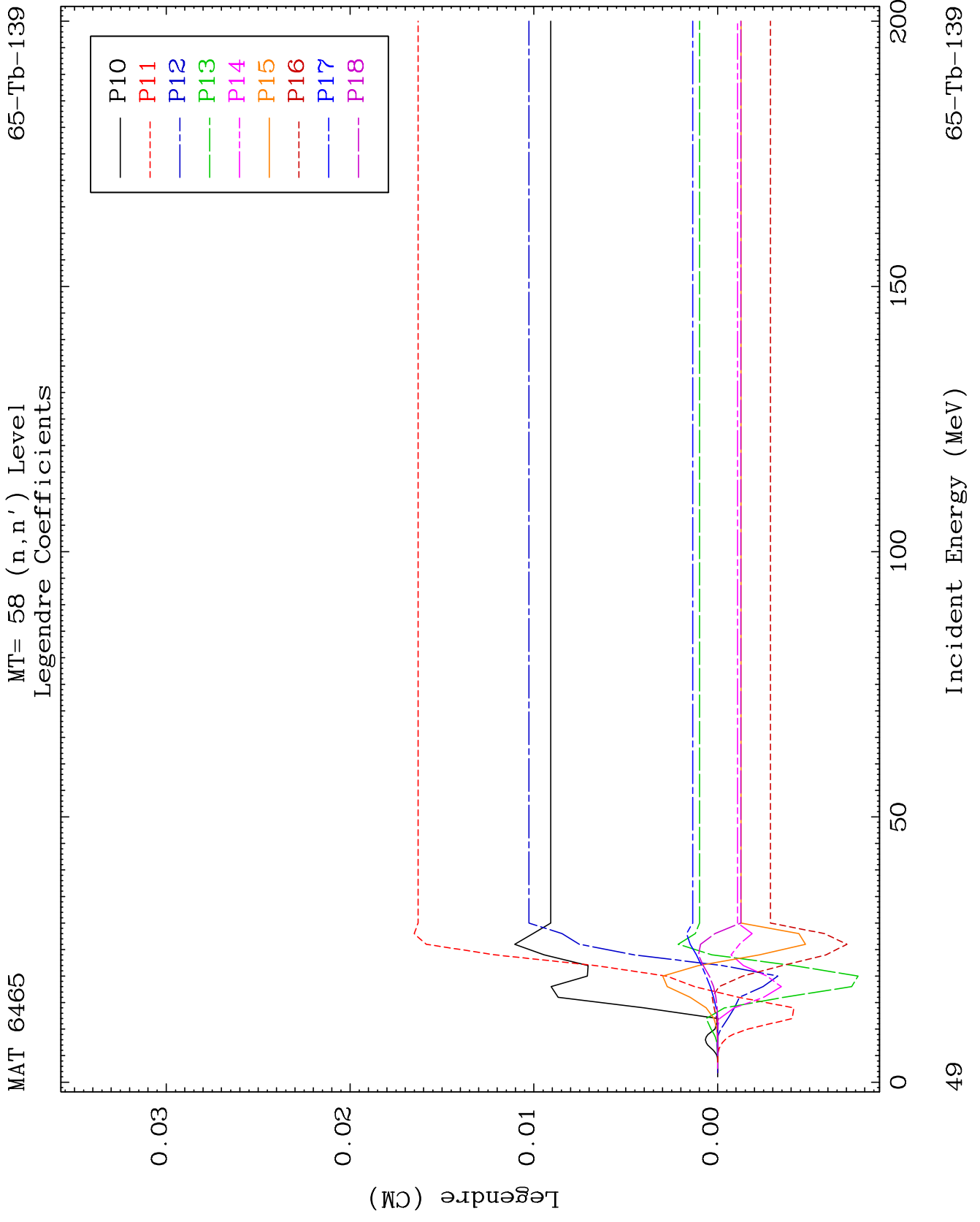
65-Tb-139



48

Incident Energy (MeV)

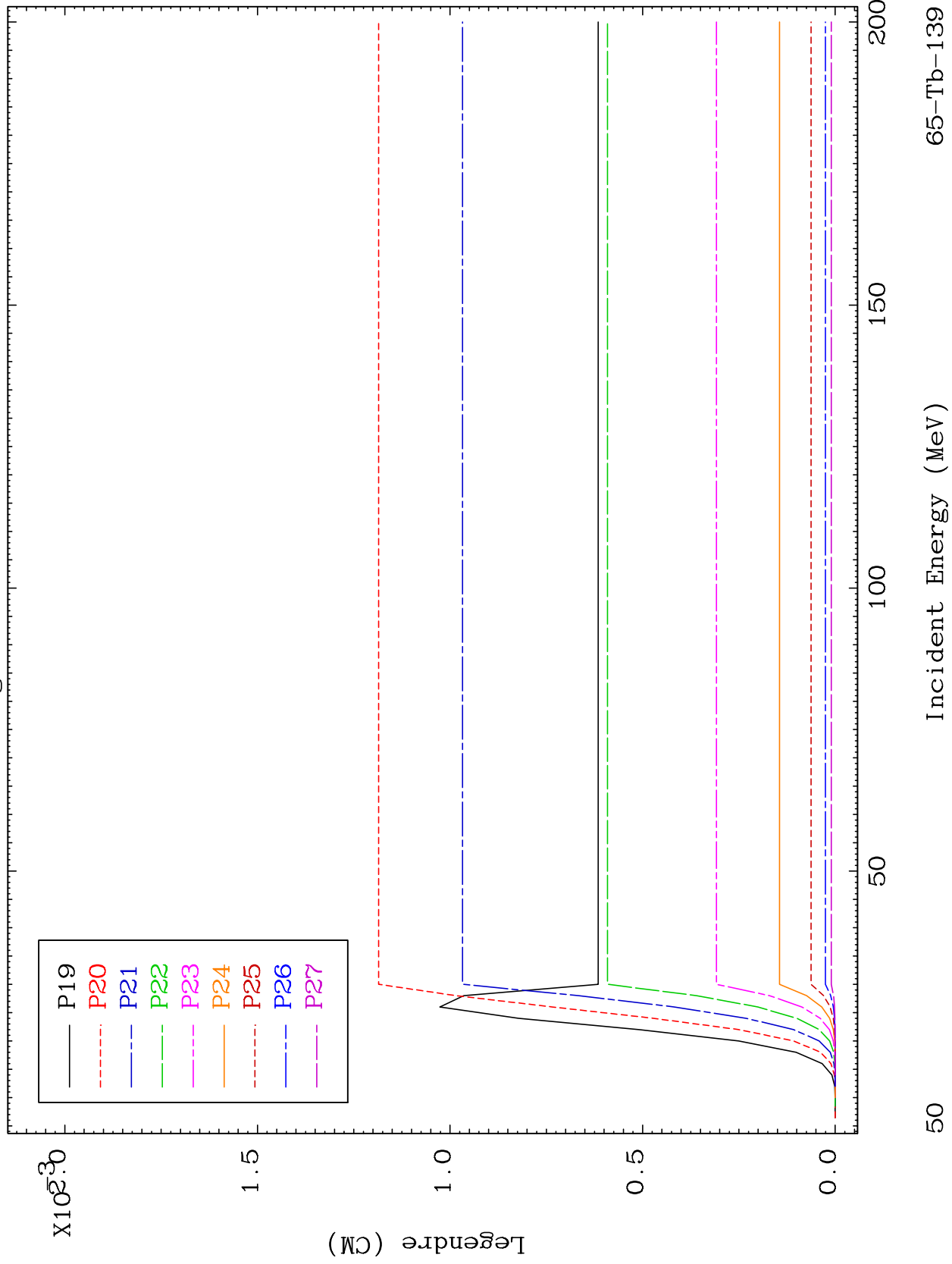
65-Tb-139



MAT 6465

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

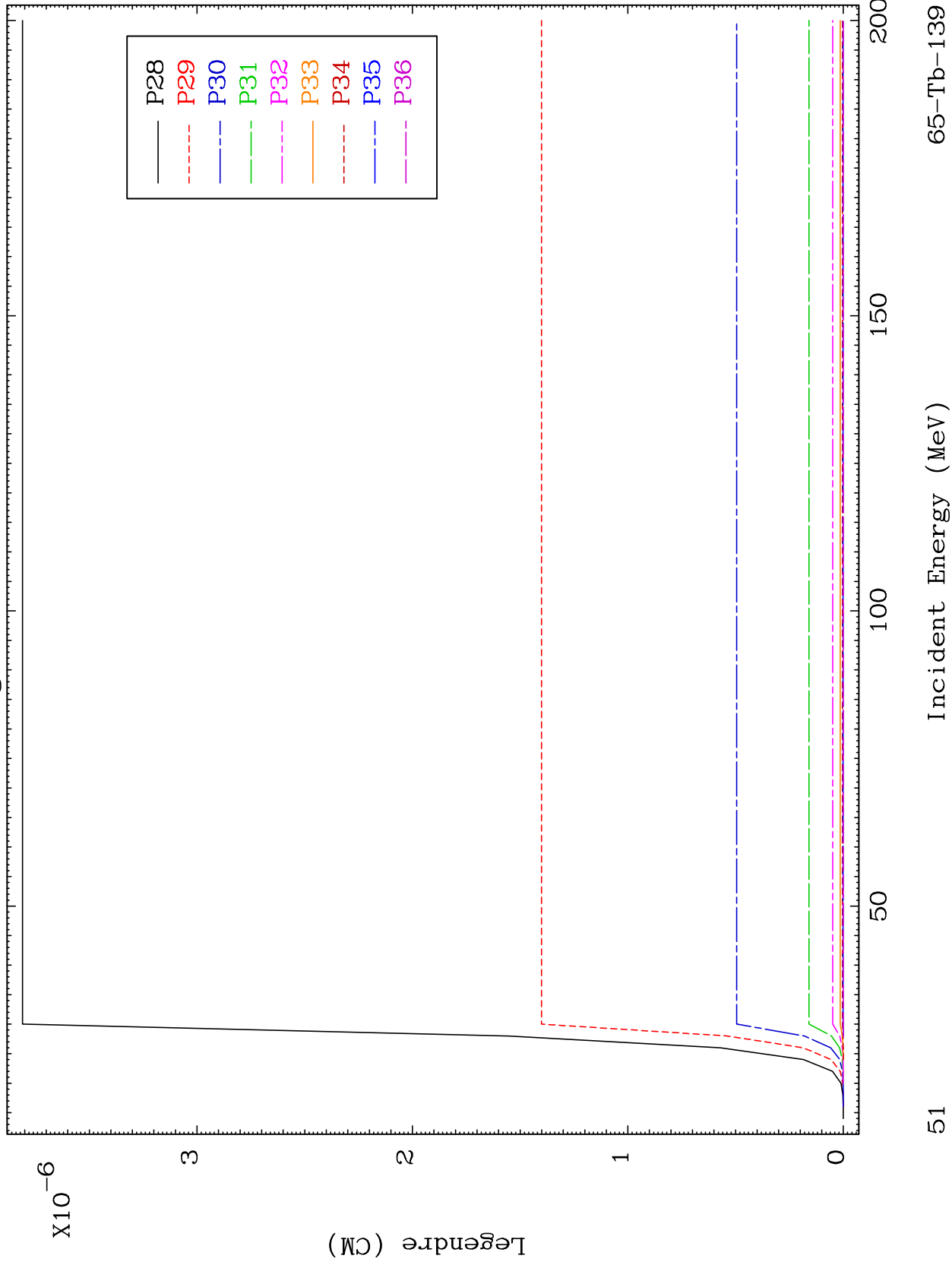
65-Tb-139



MAT 6465

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

65-Tb-139



51

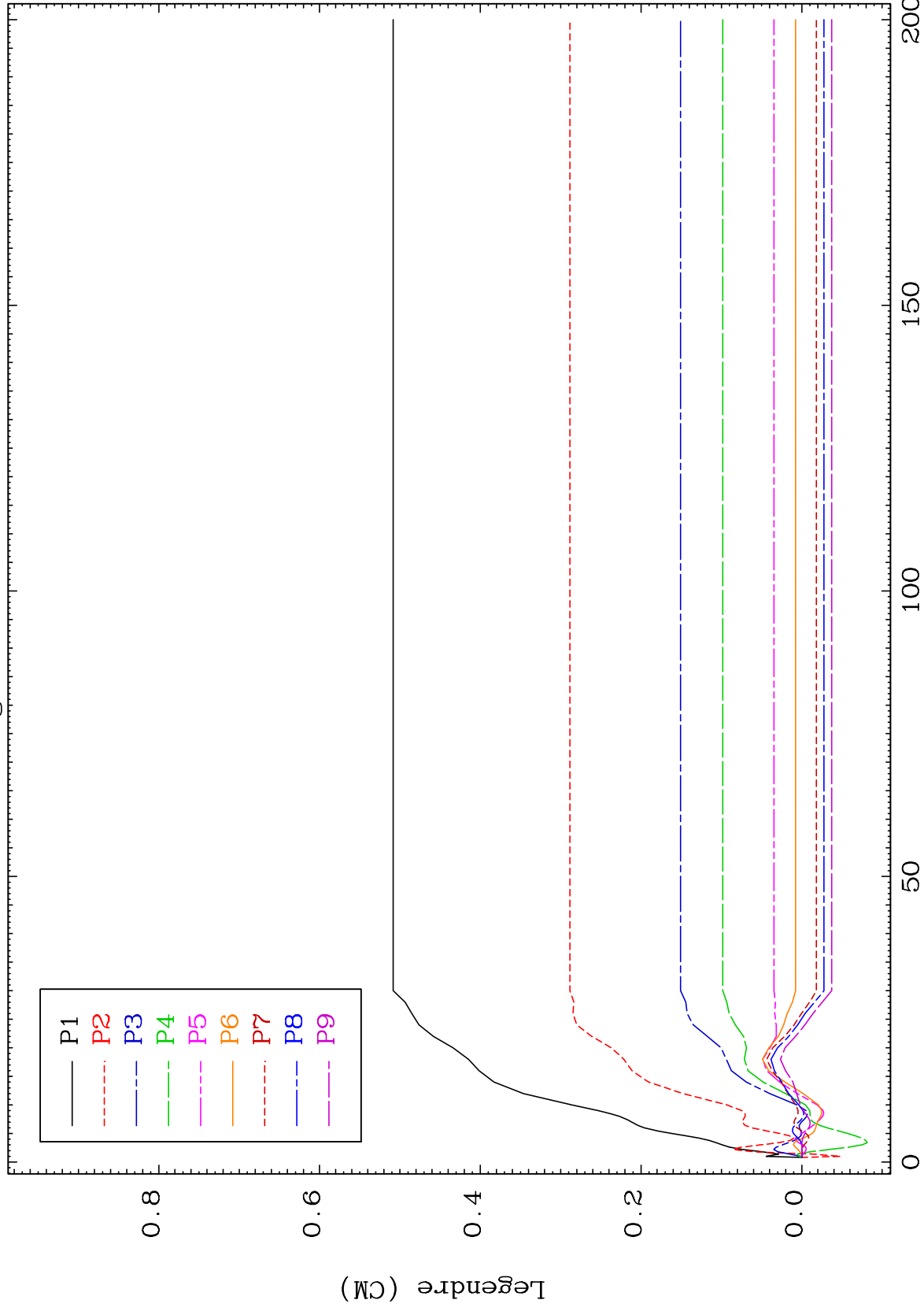
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



52

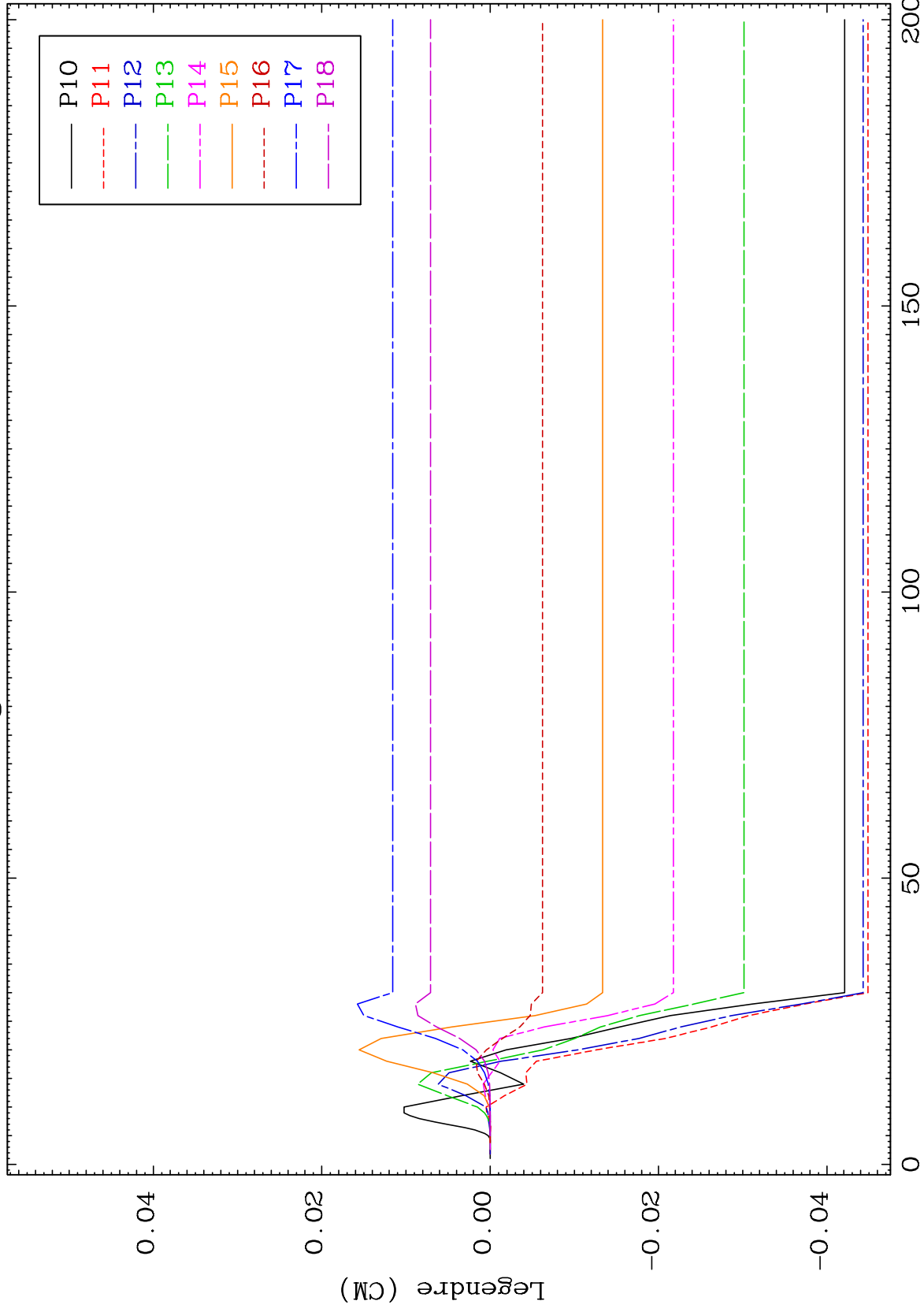
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



53

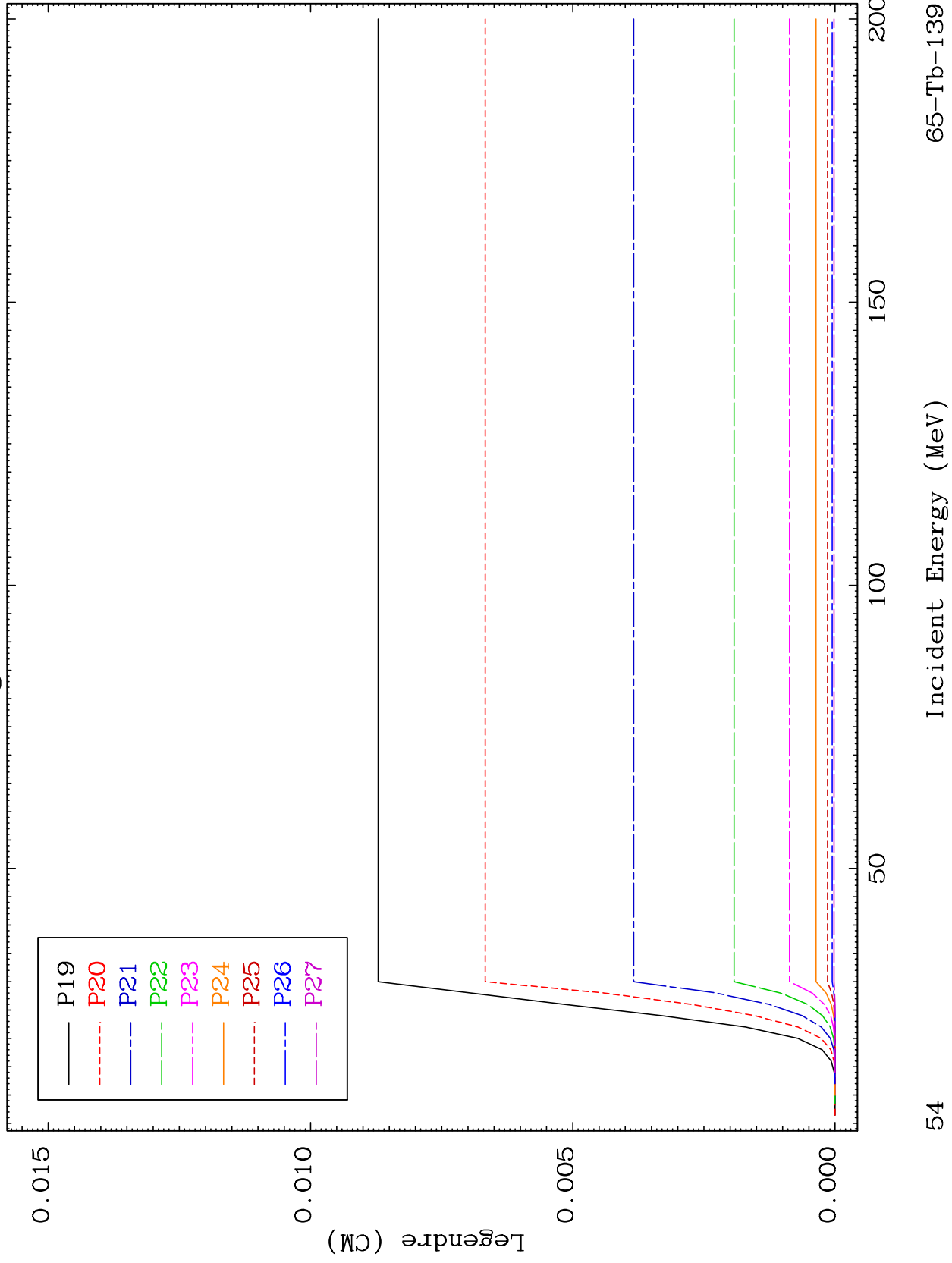
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



54

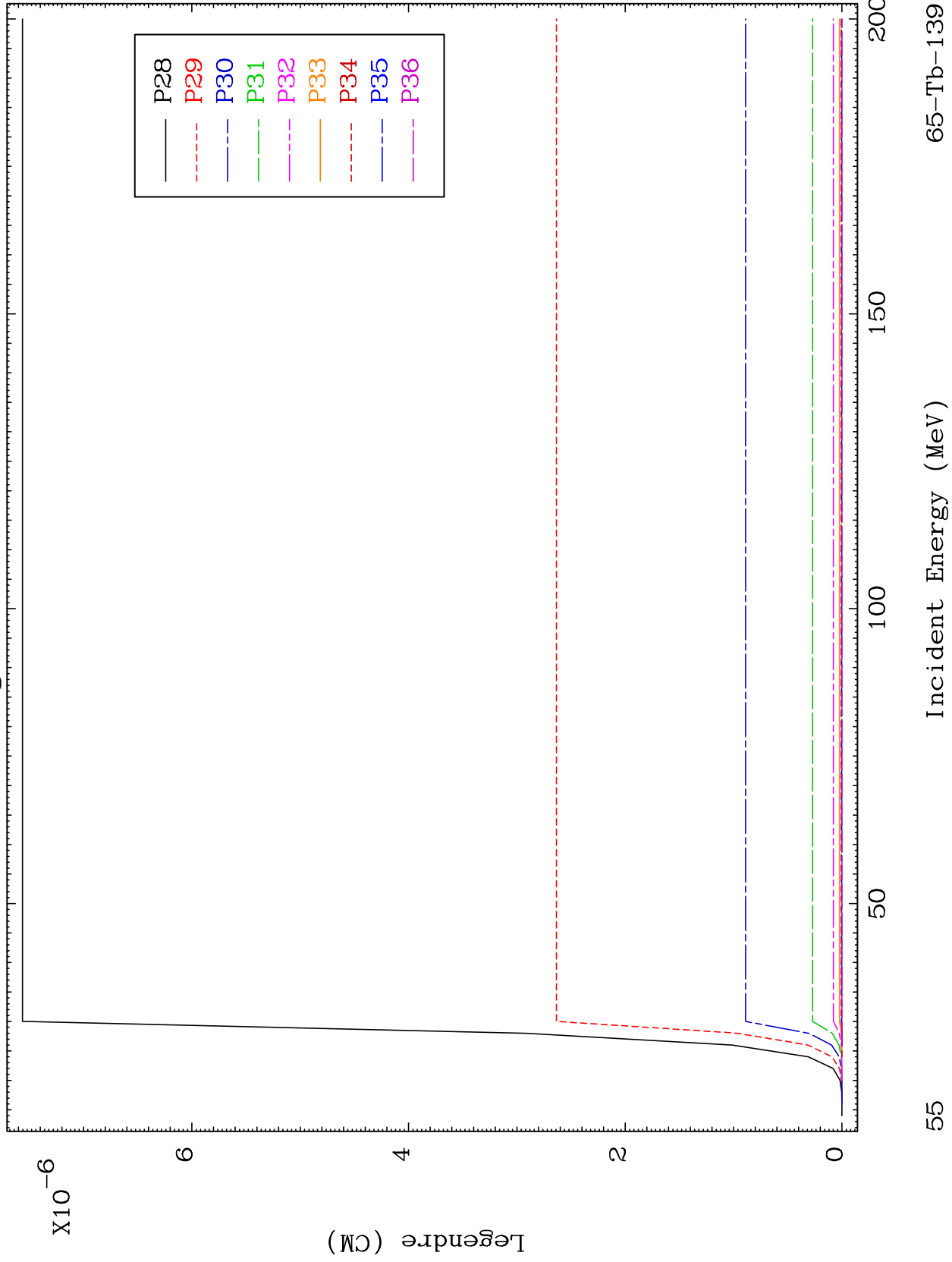
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

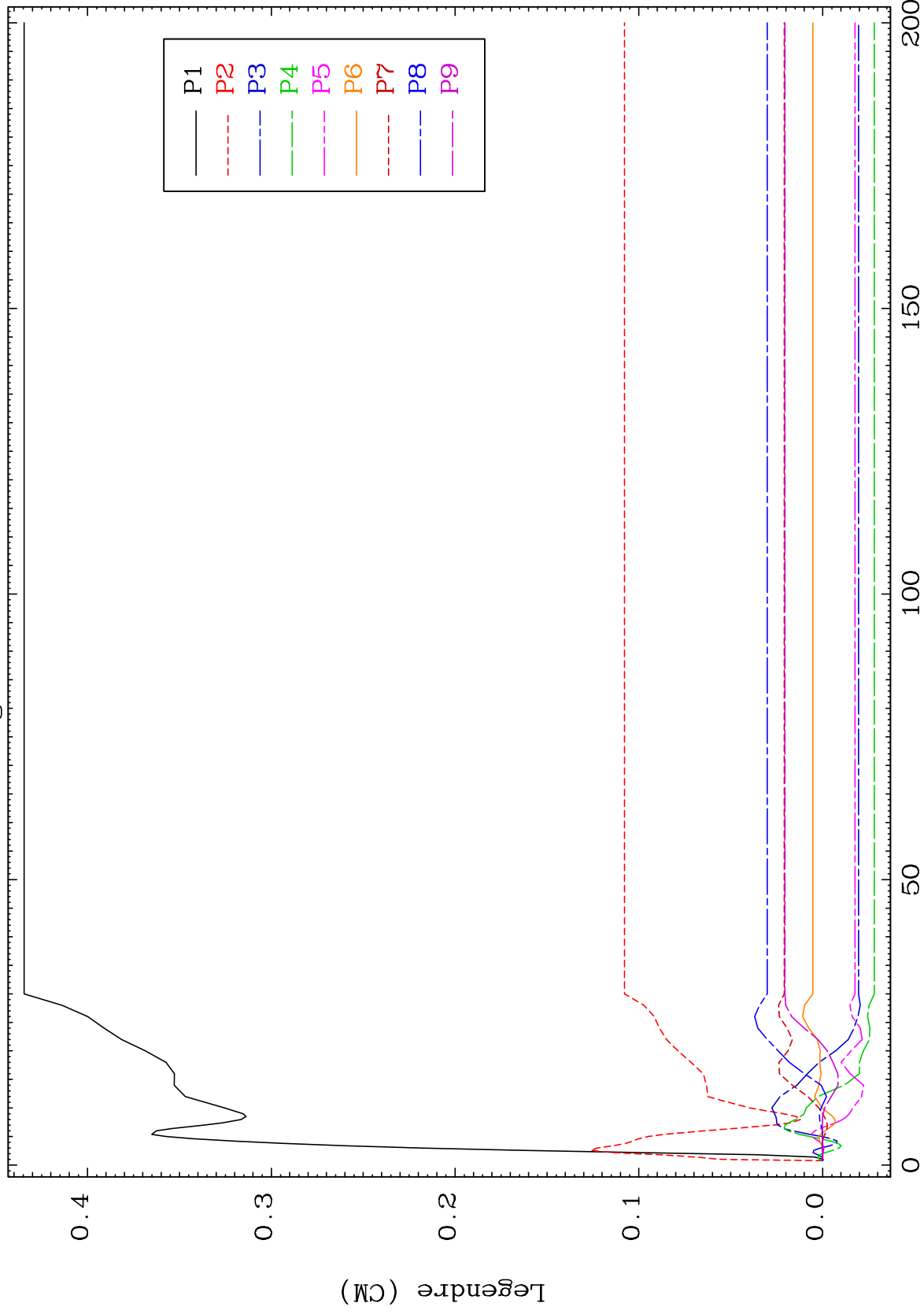
65-Tb-139



MAT 6465

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

65-Tb-139



56

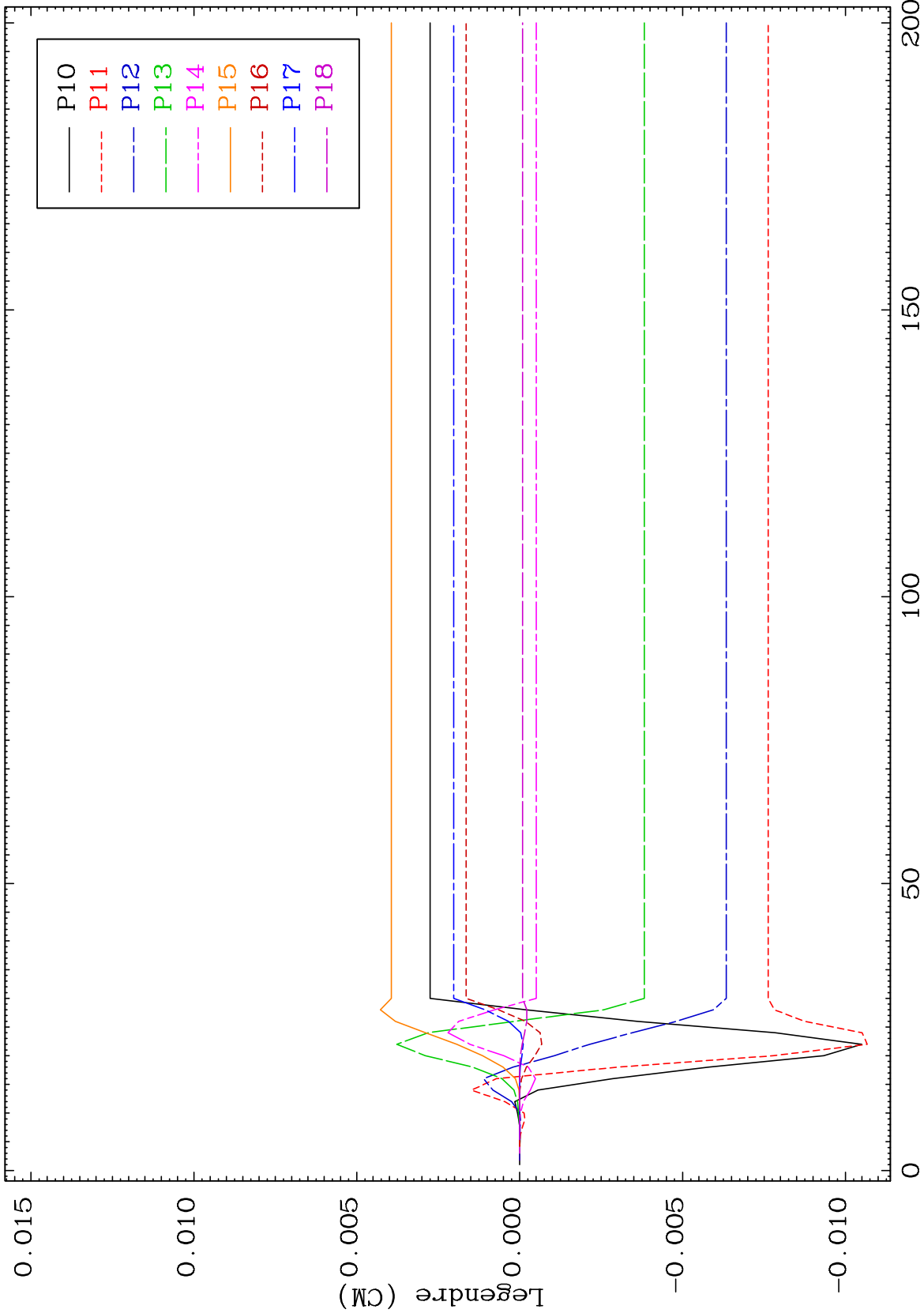
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

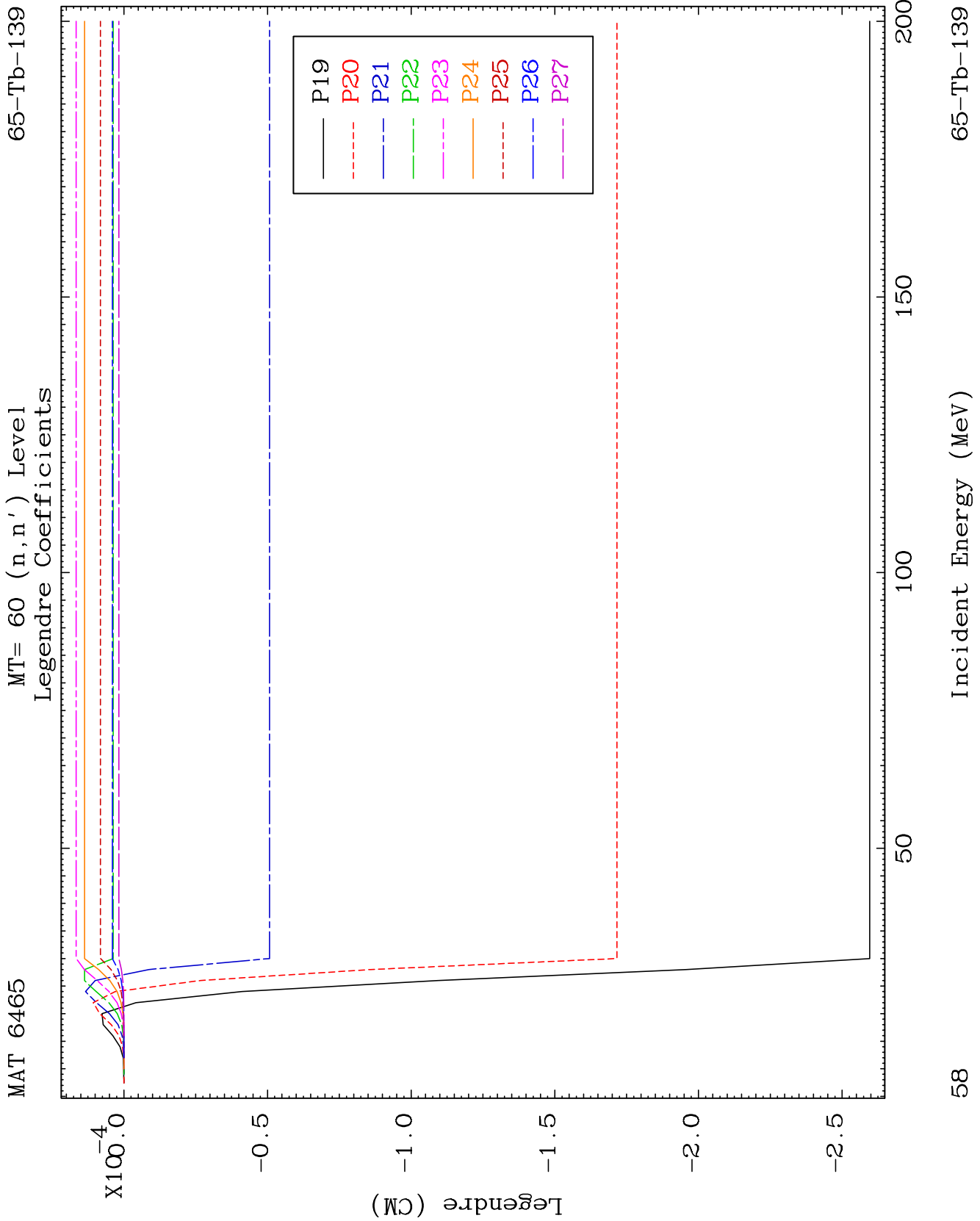
65-Tb-139



57

Incident Energy (MeV)

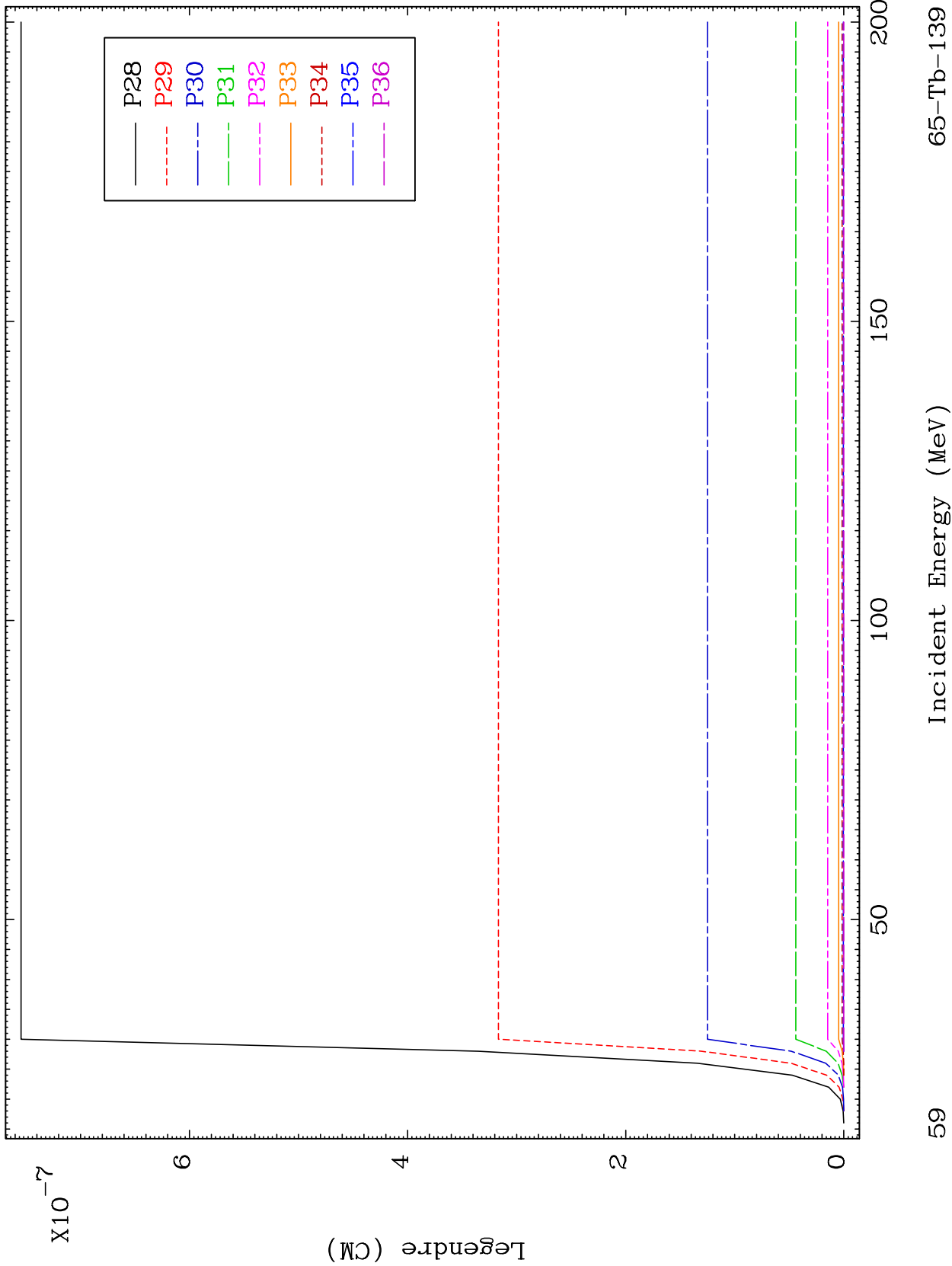
65-Tb-139



MAT 6465

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

65-Tb-139



59

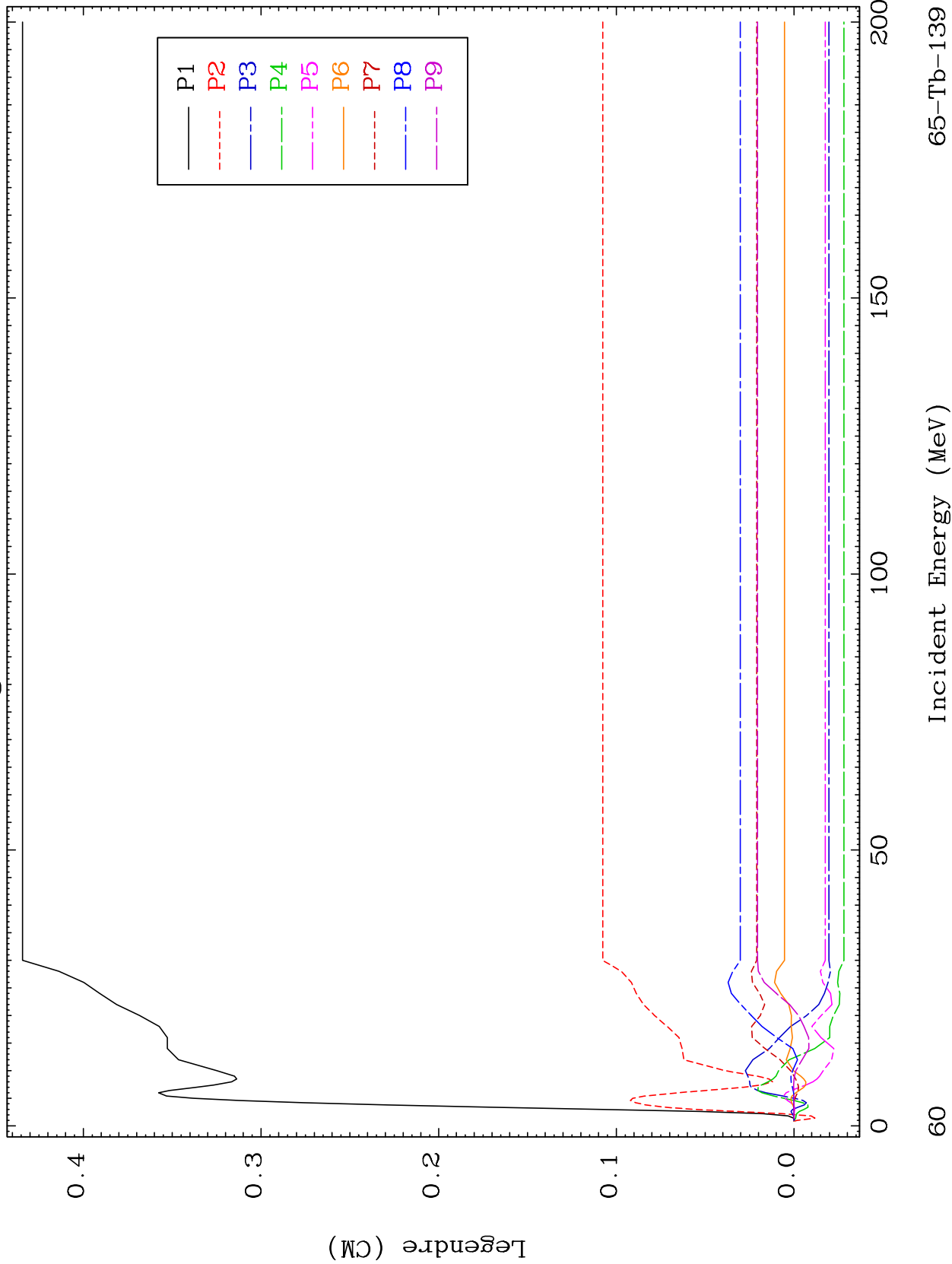
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

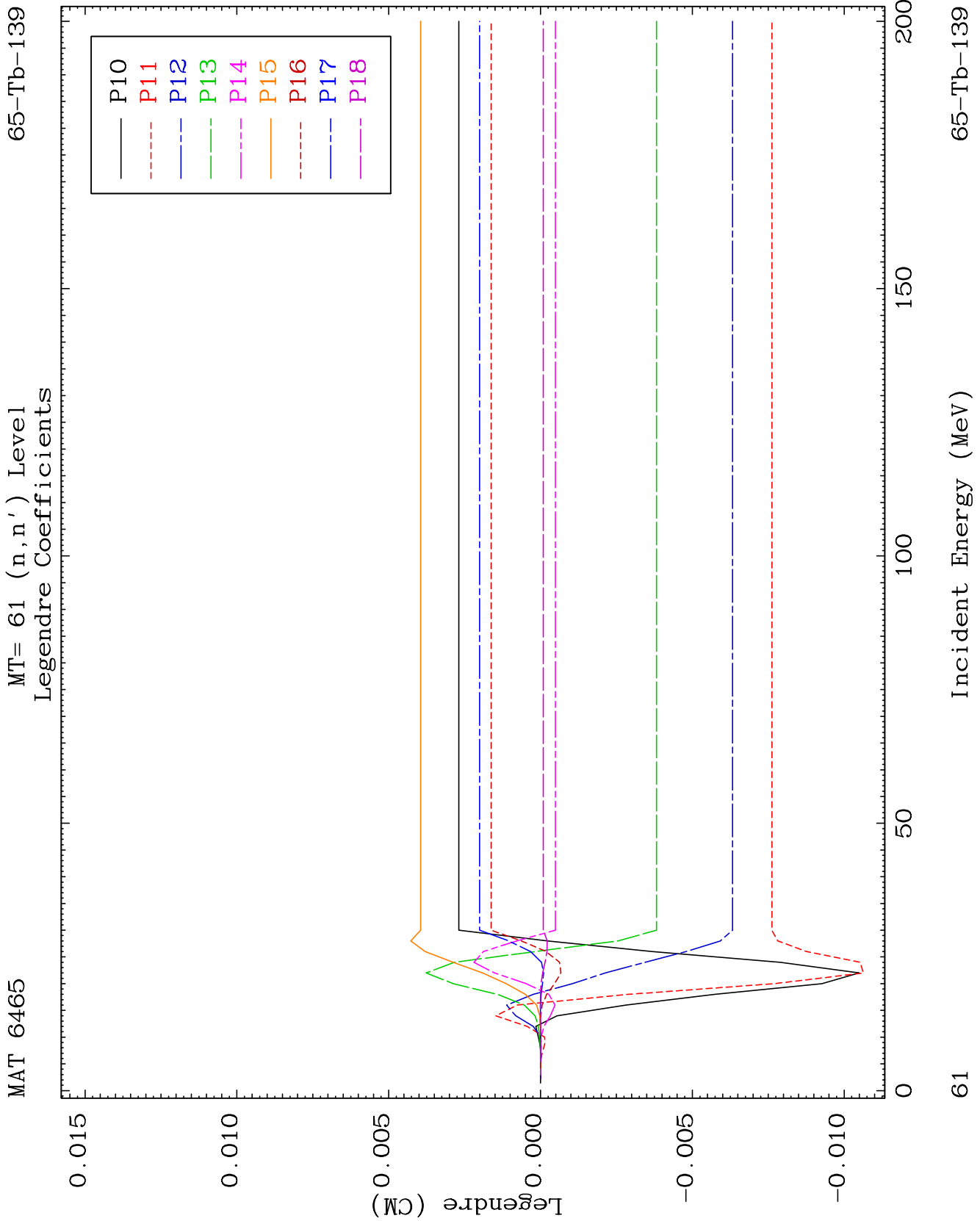
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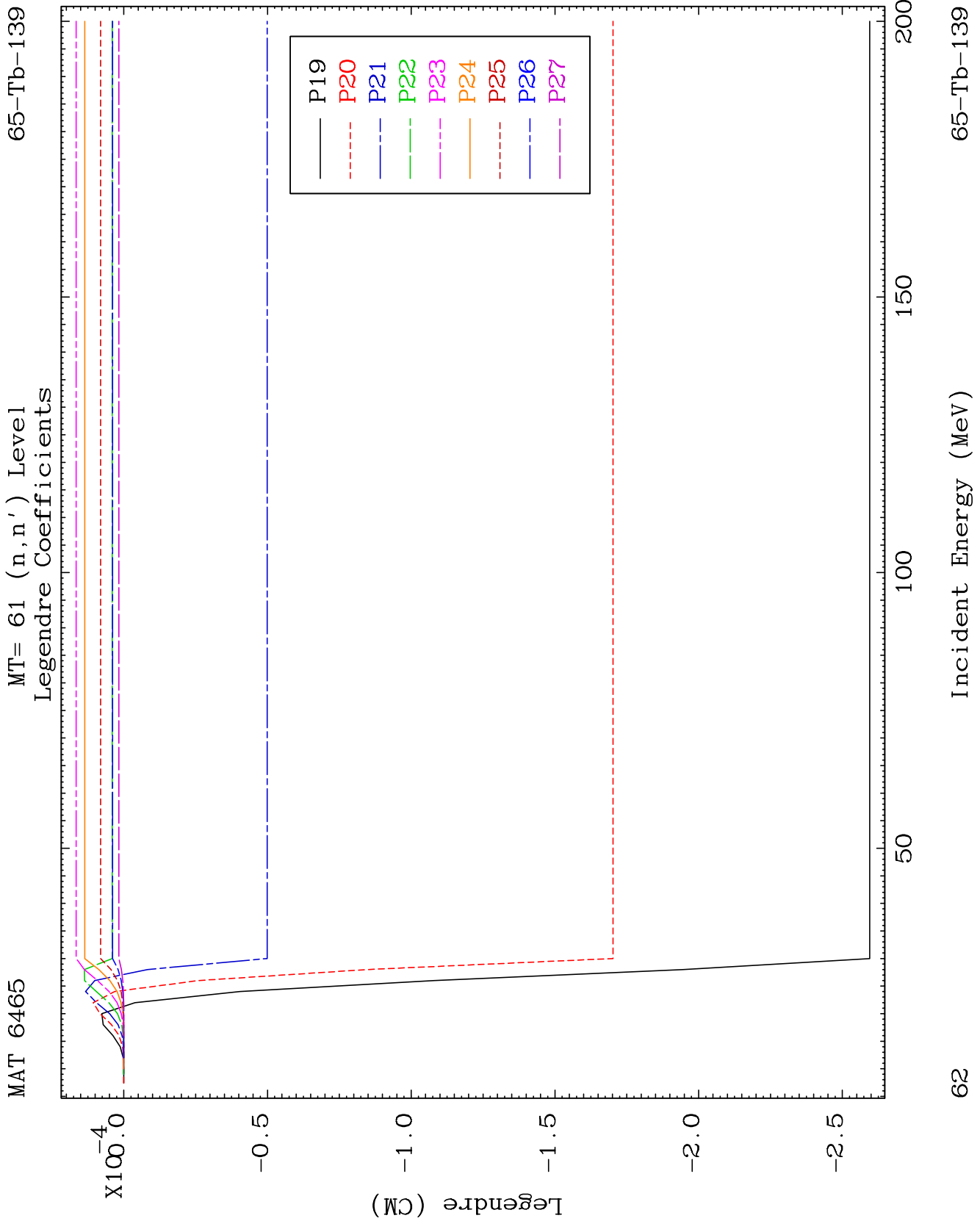


65-Tb-139

Incident Energy (MeV)

60

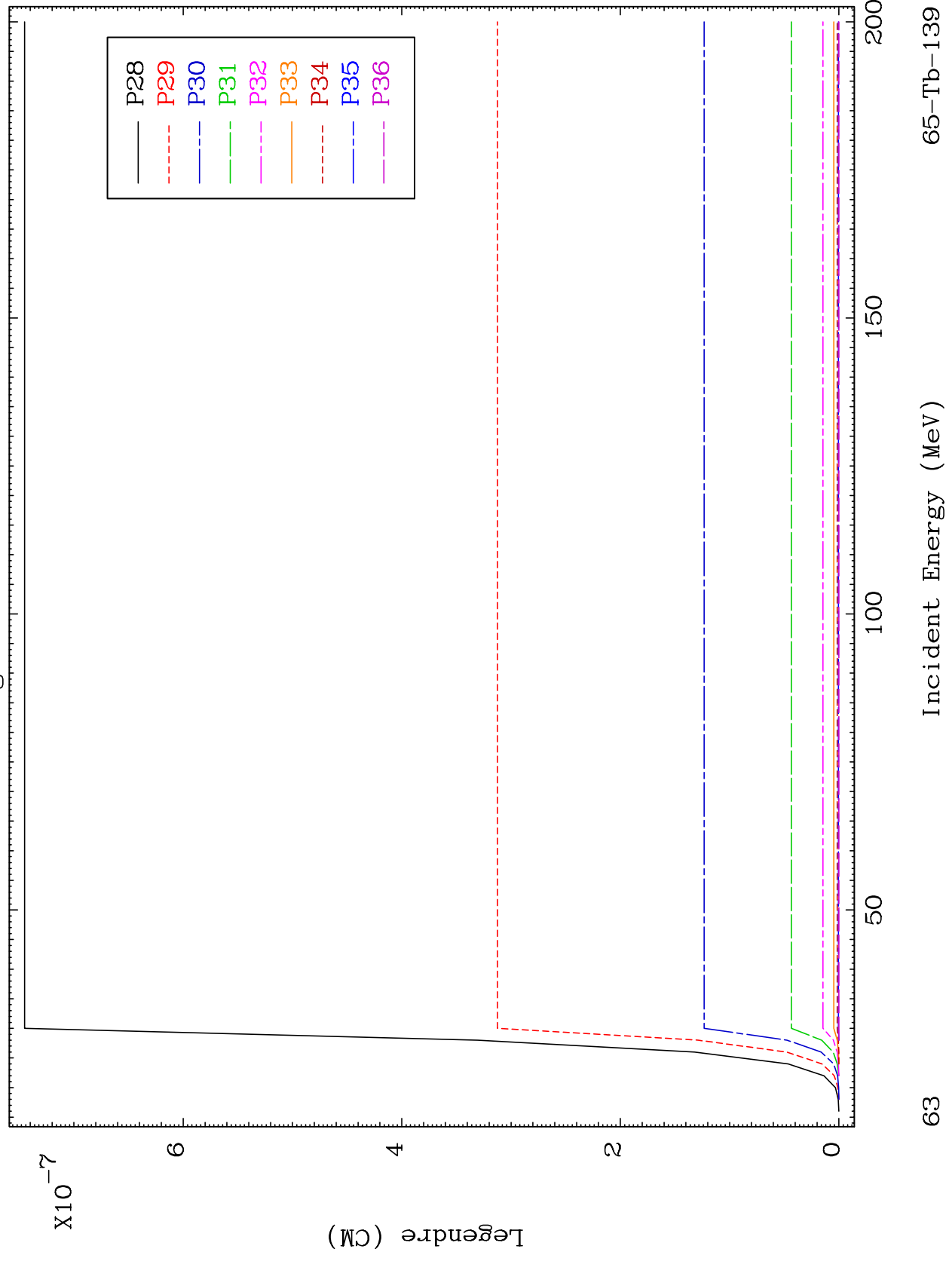




MAT 6465

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

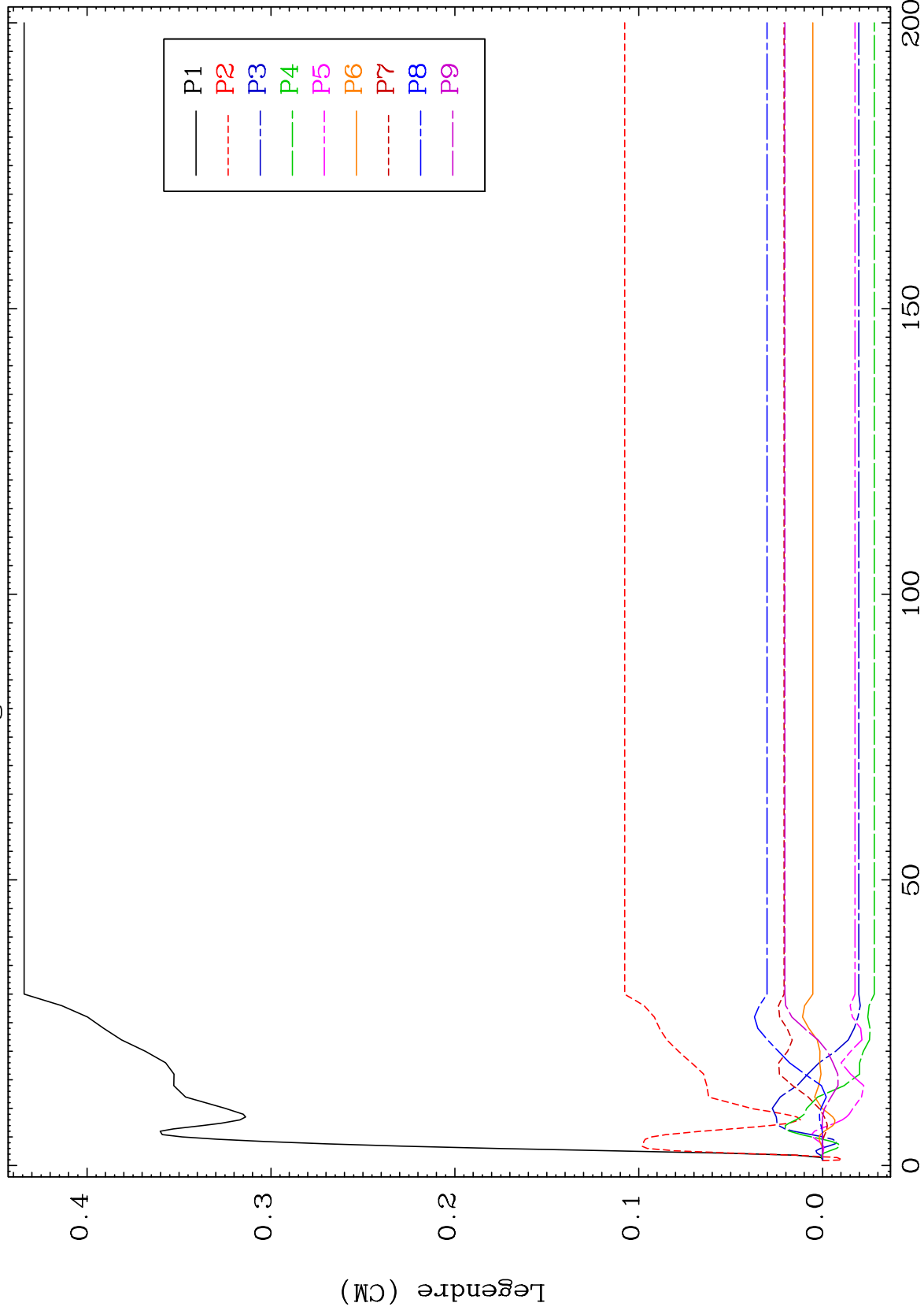
65-Tb-139



MAT 6465

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

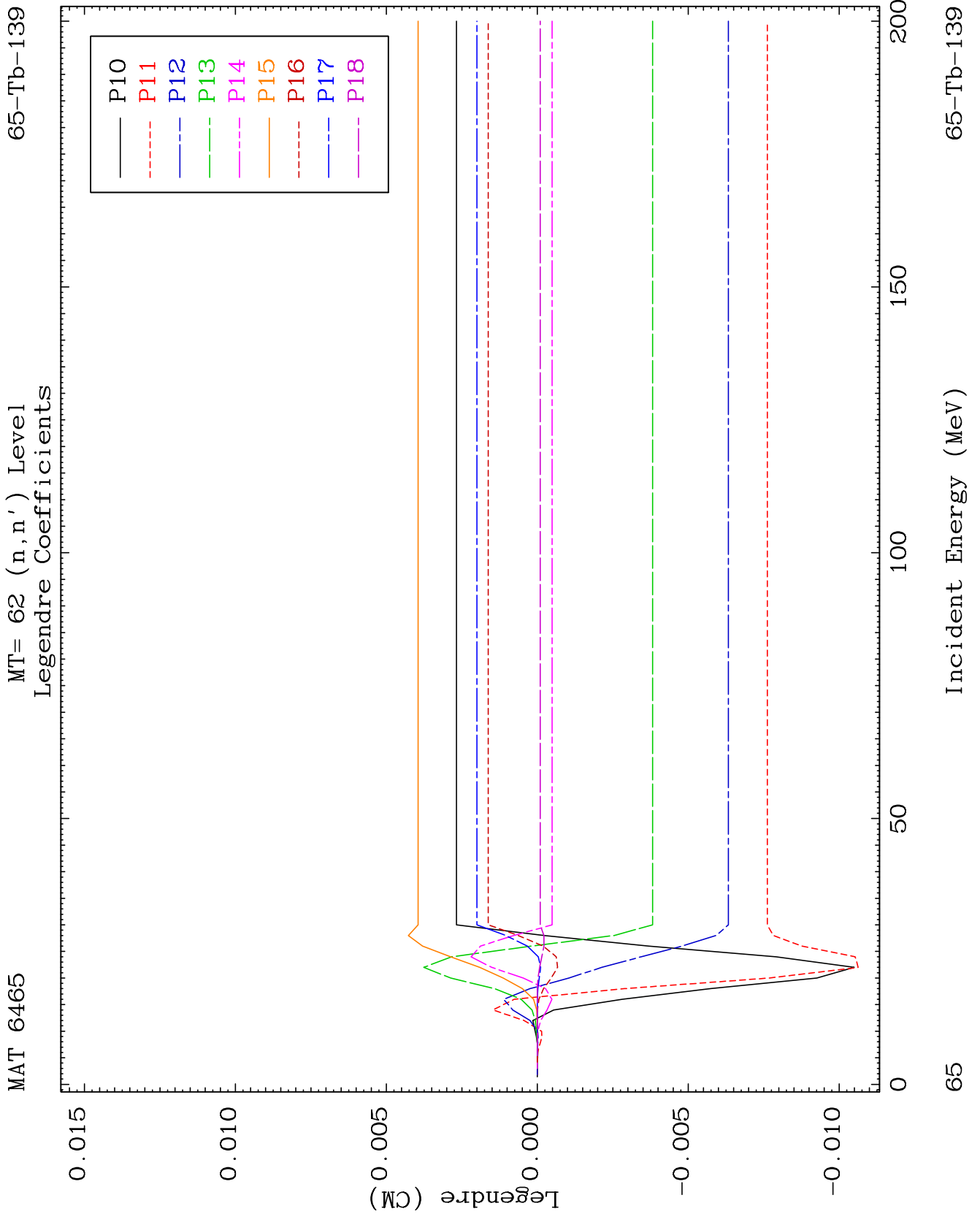
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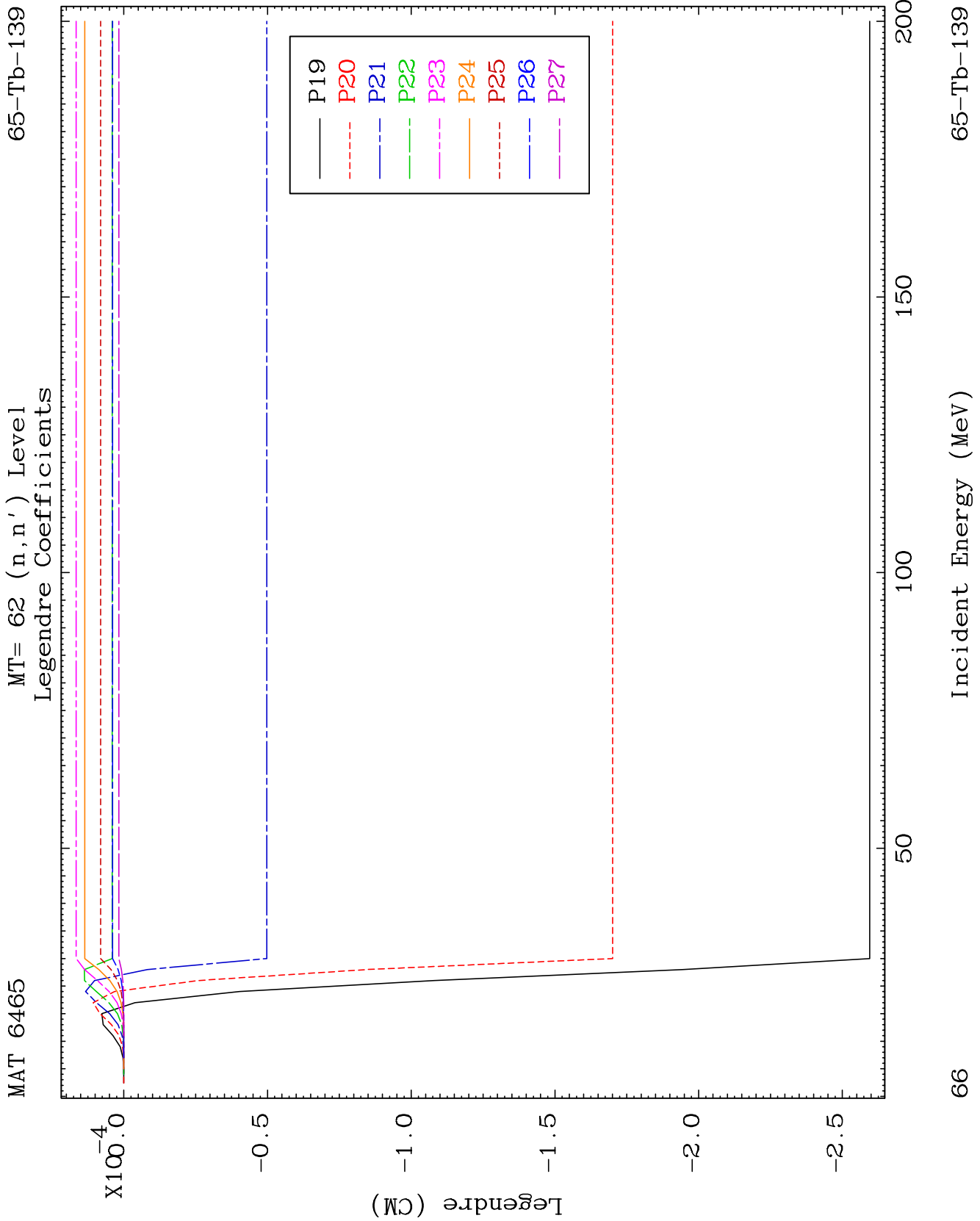


64

Incident Energy (MeV)

65-Tb-139

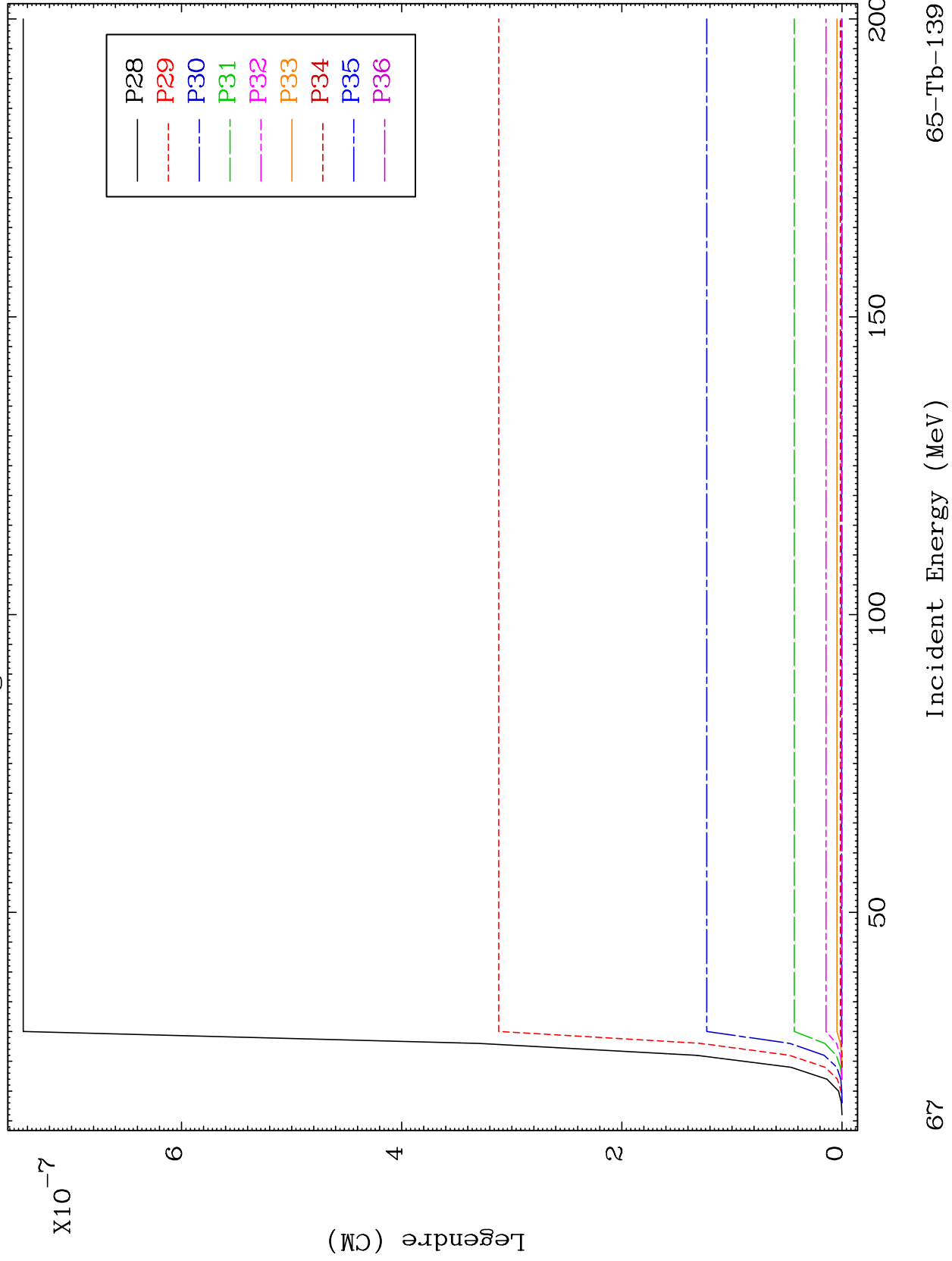




MAT 6465

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

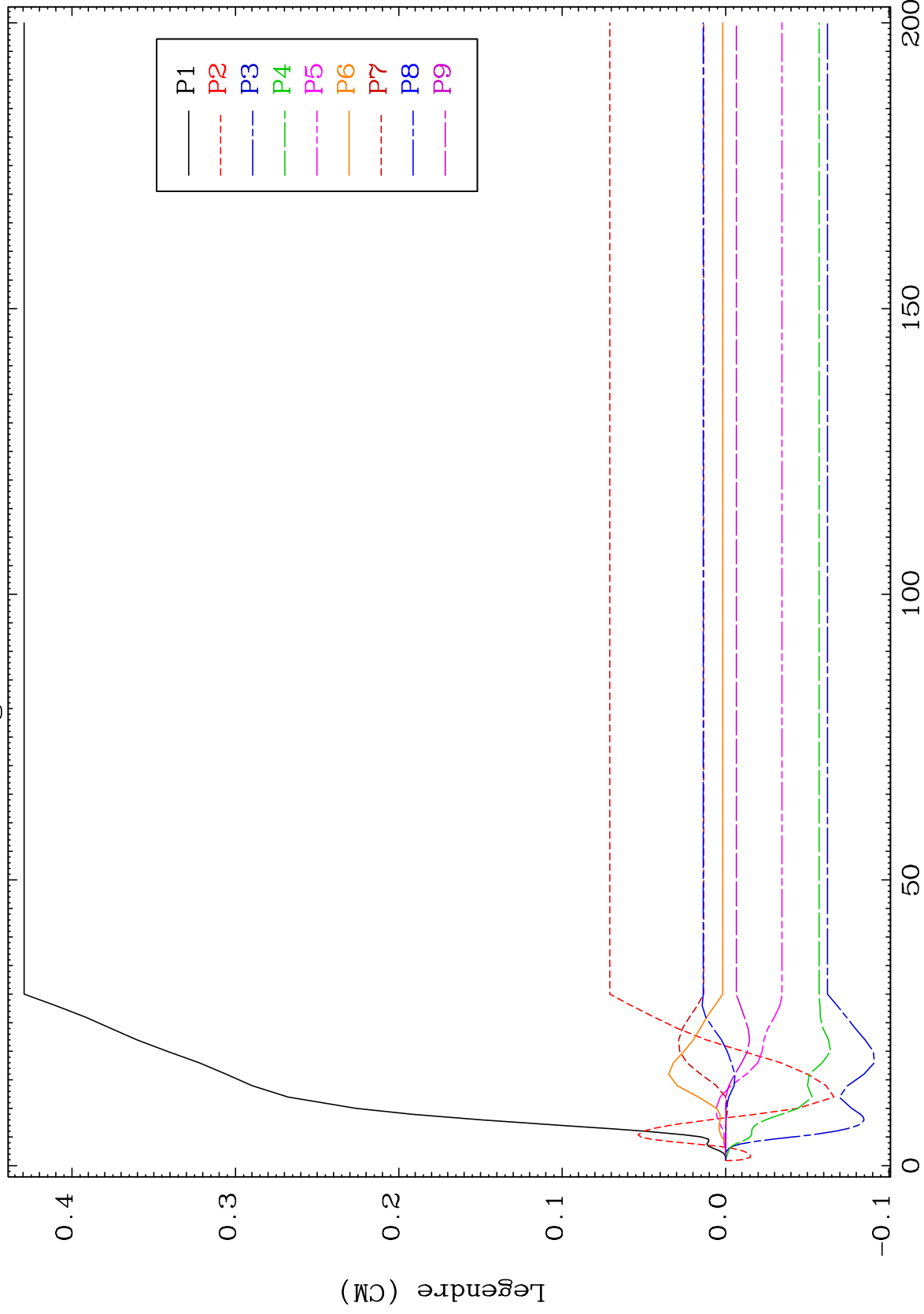
65-Tb-139



MAT 6465

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

65-Tb-139



68

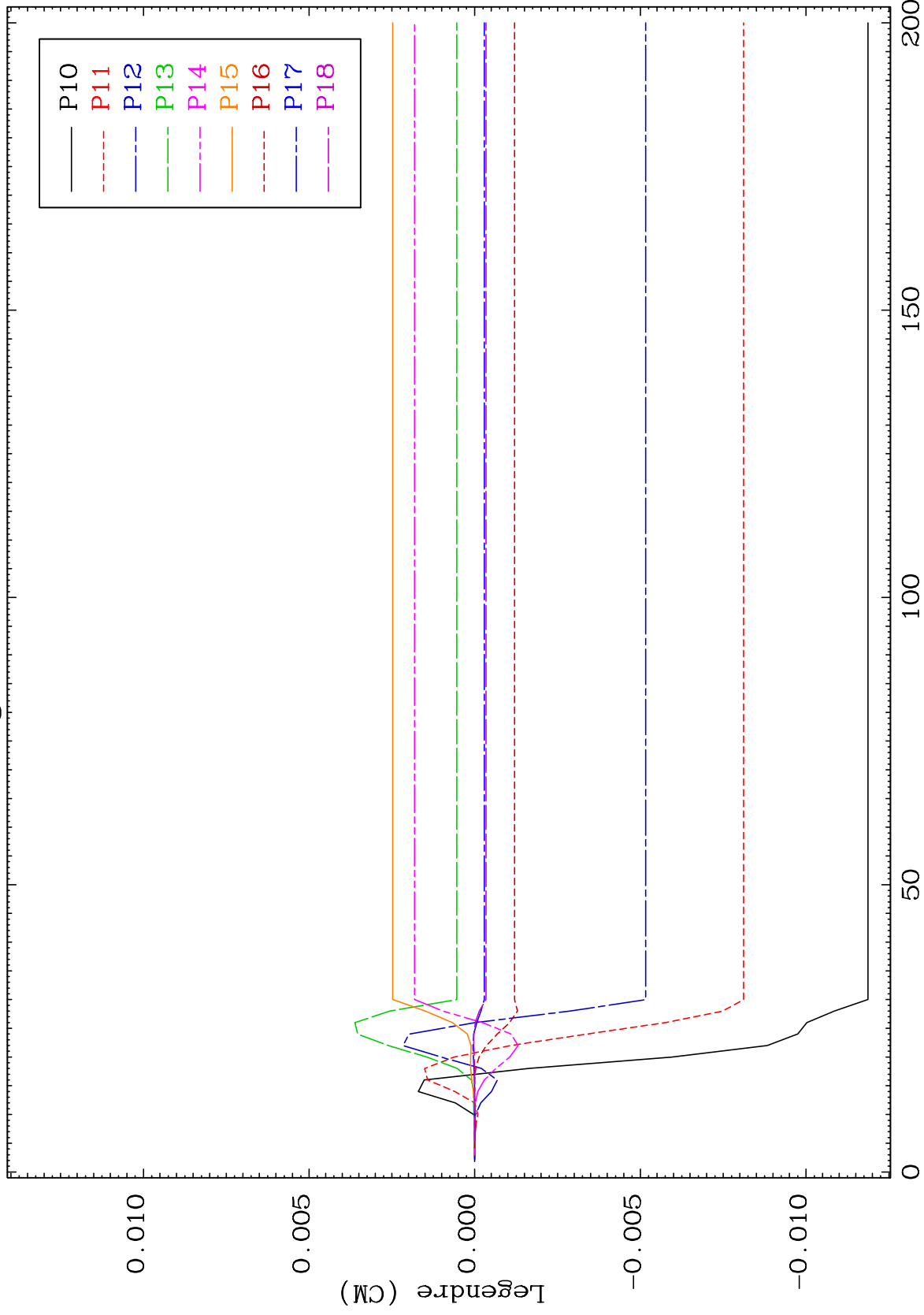
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



69

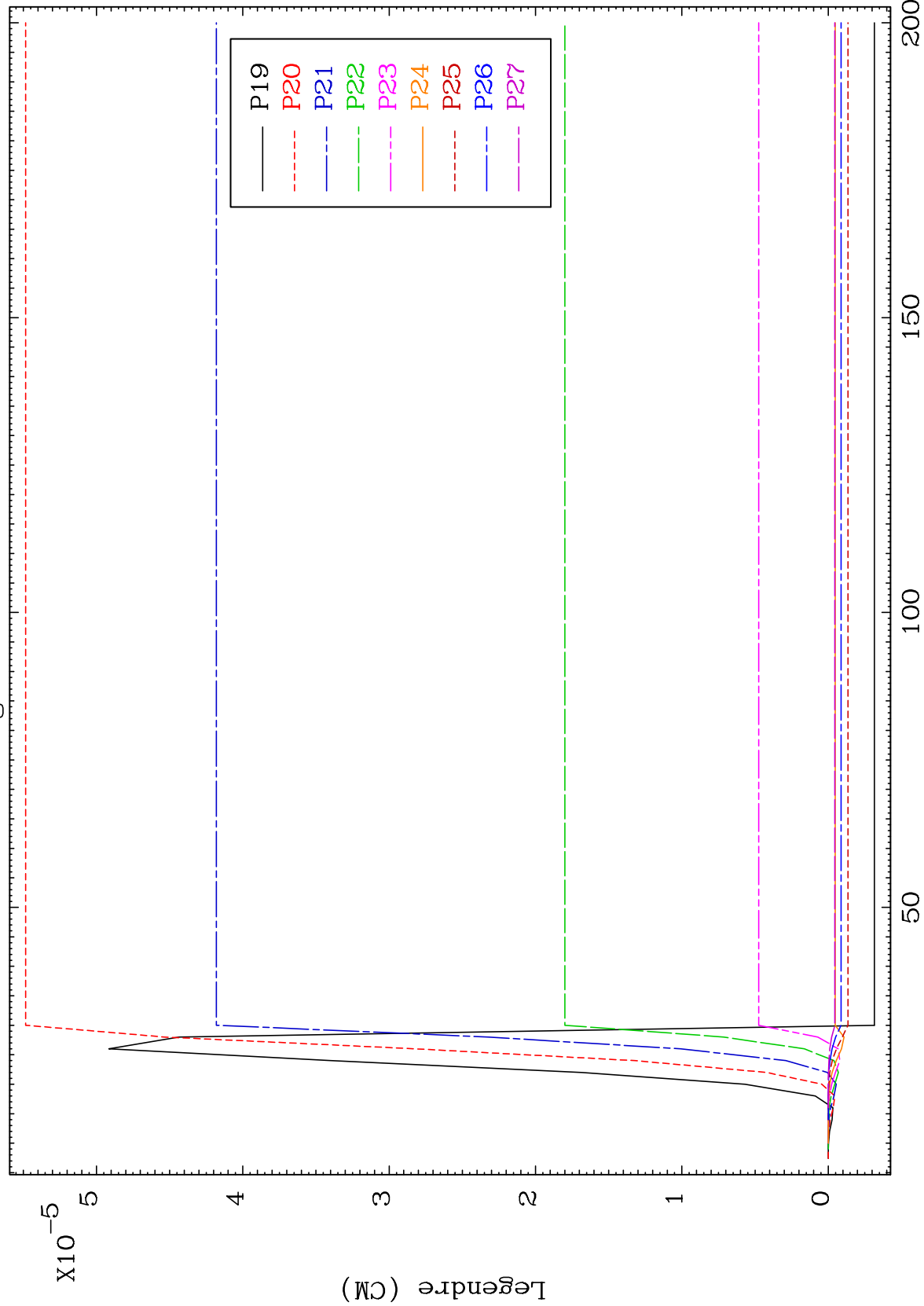
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

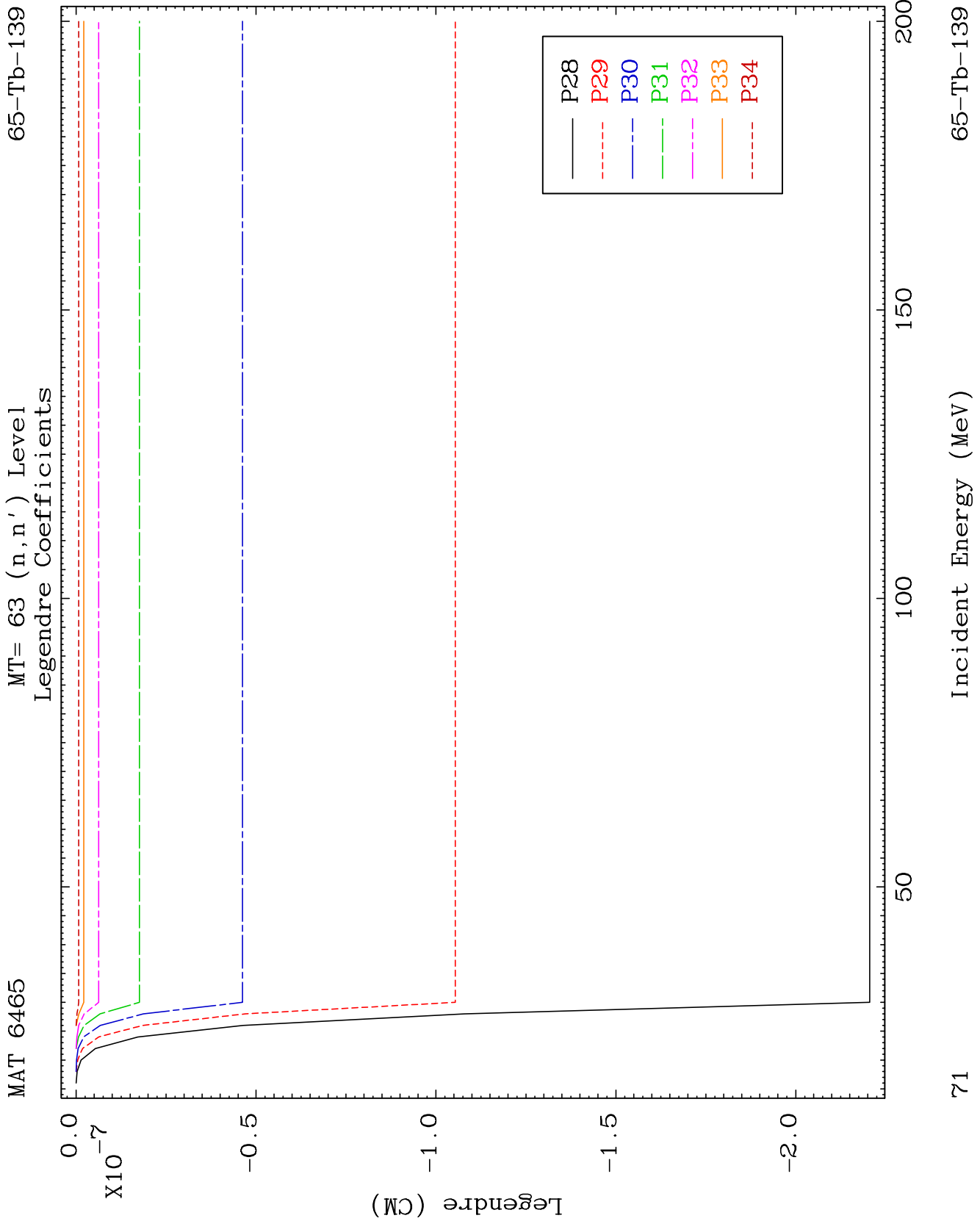
65-Tb-139



70

Incident Energy (MeV)

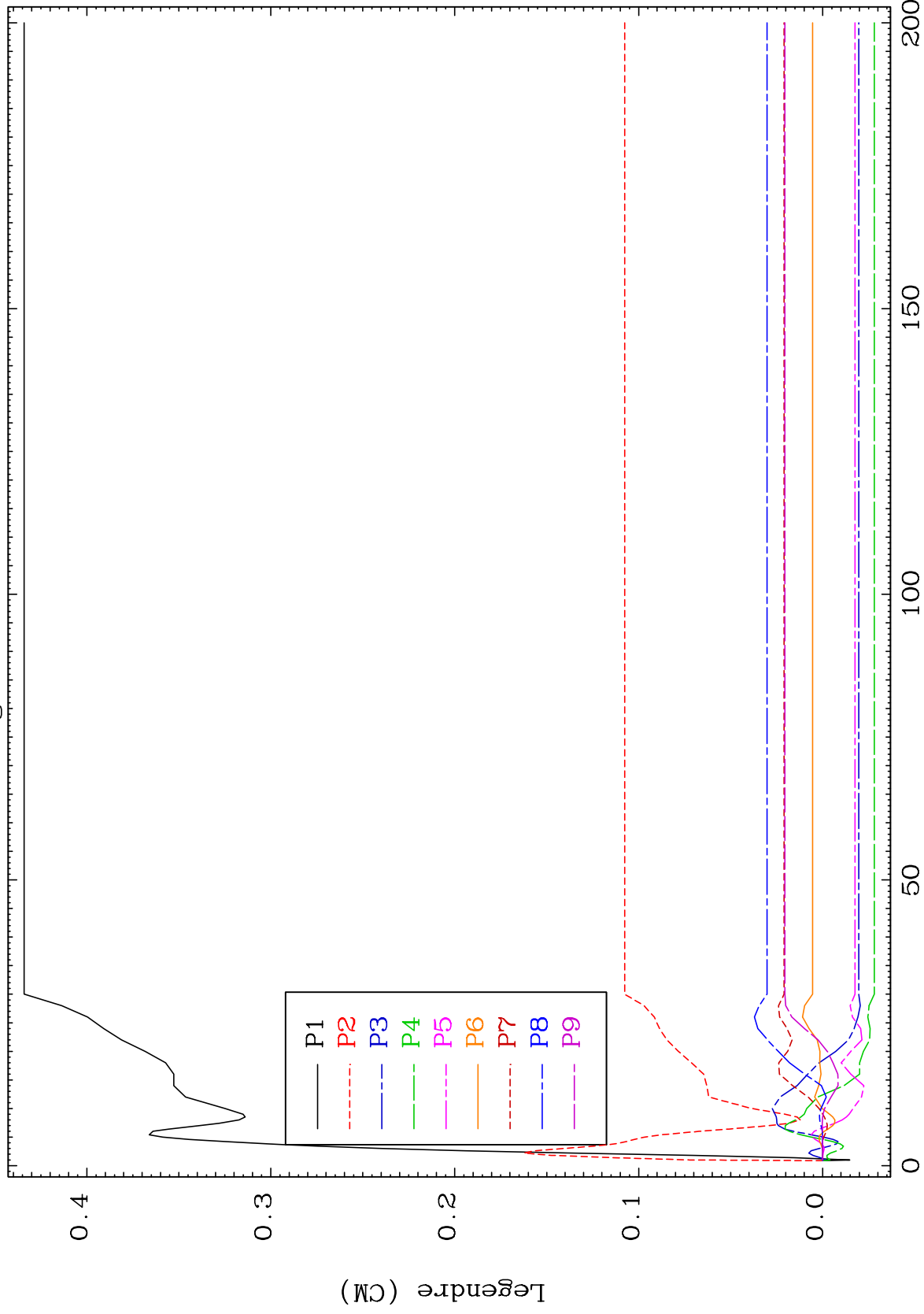
65-Tb-139



MAT 6465

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

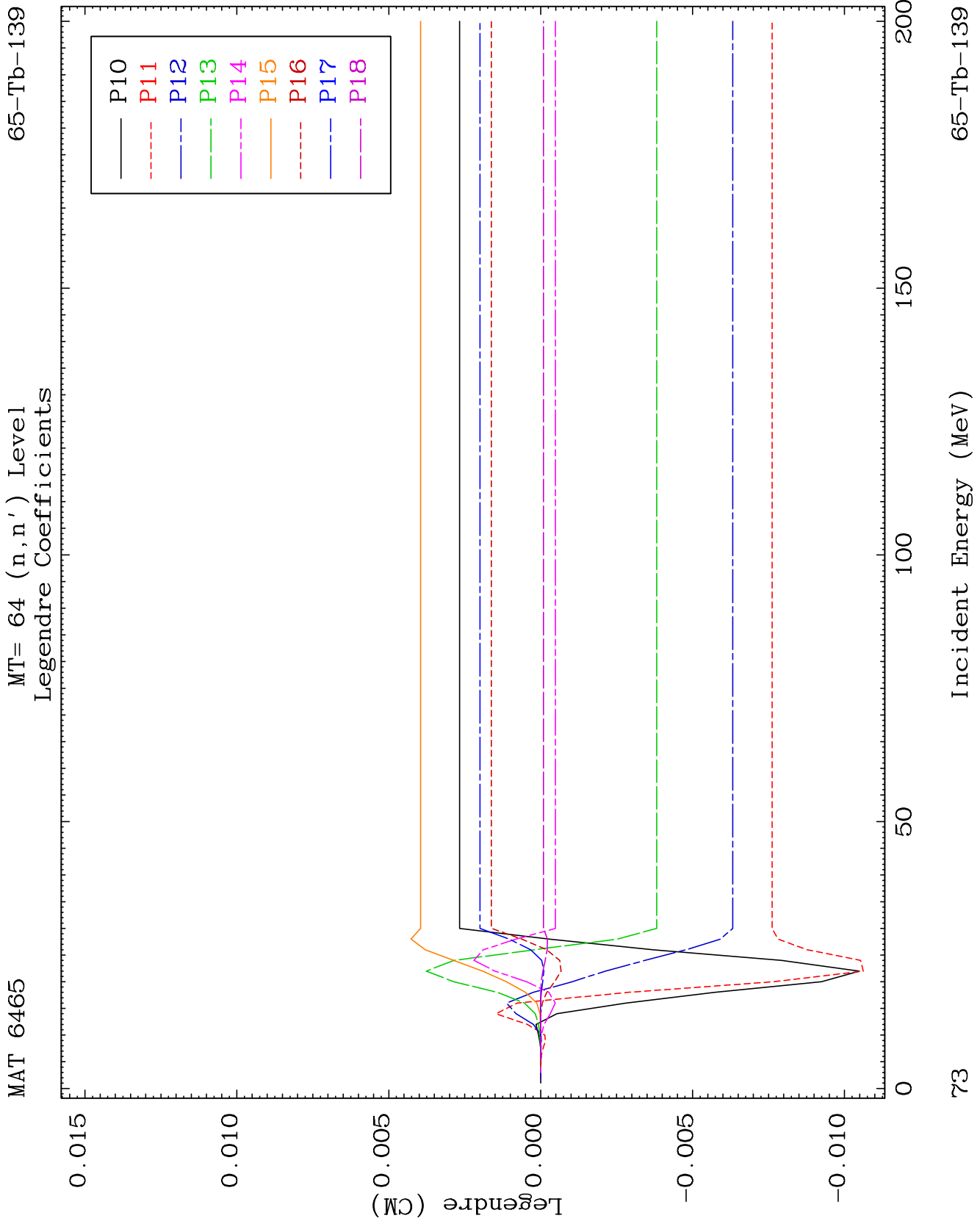
65-Tb-139

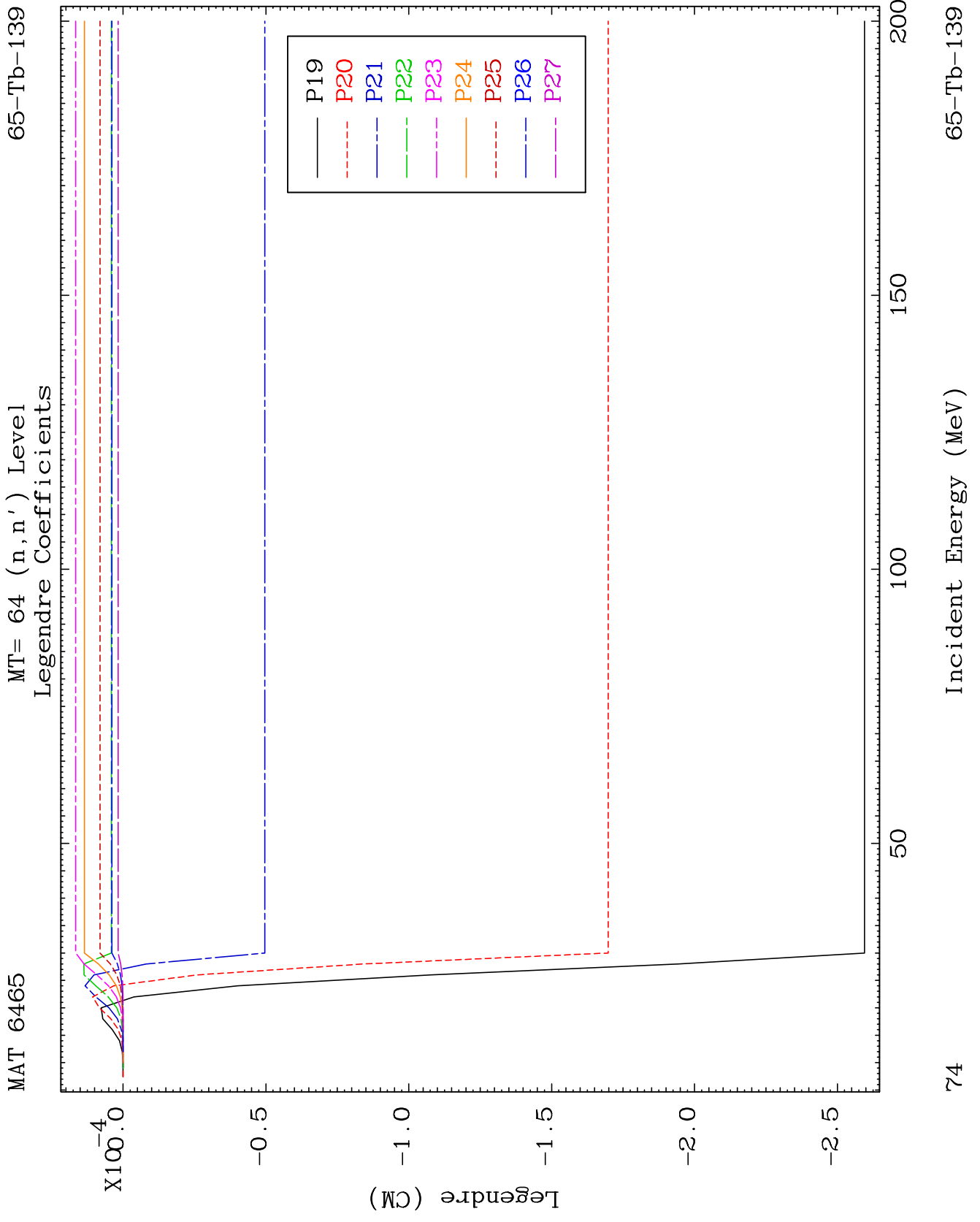


72

Incident Energy (MeV)

65-Tb-139

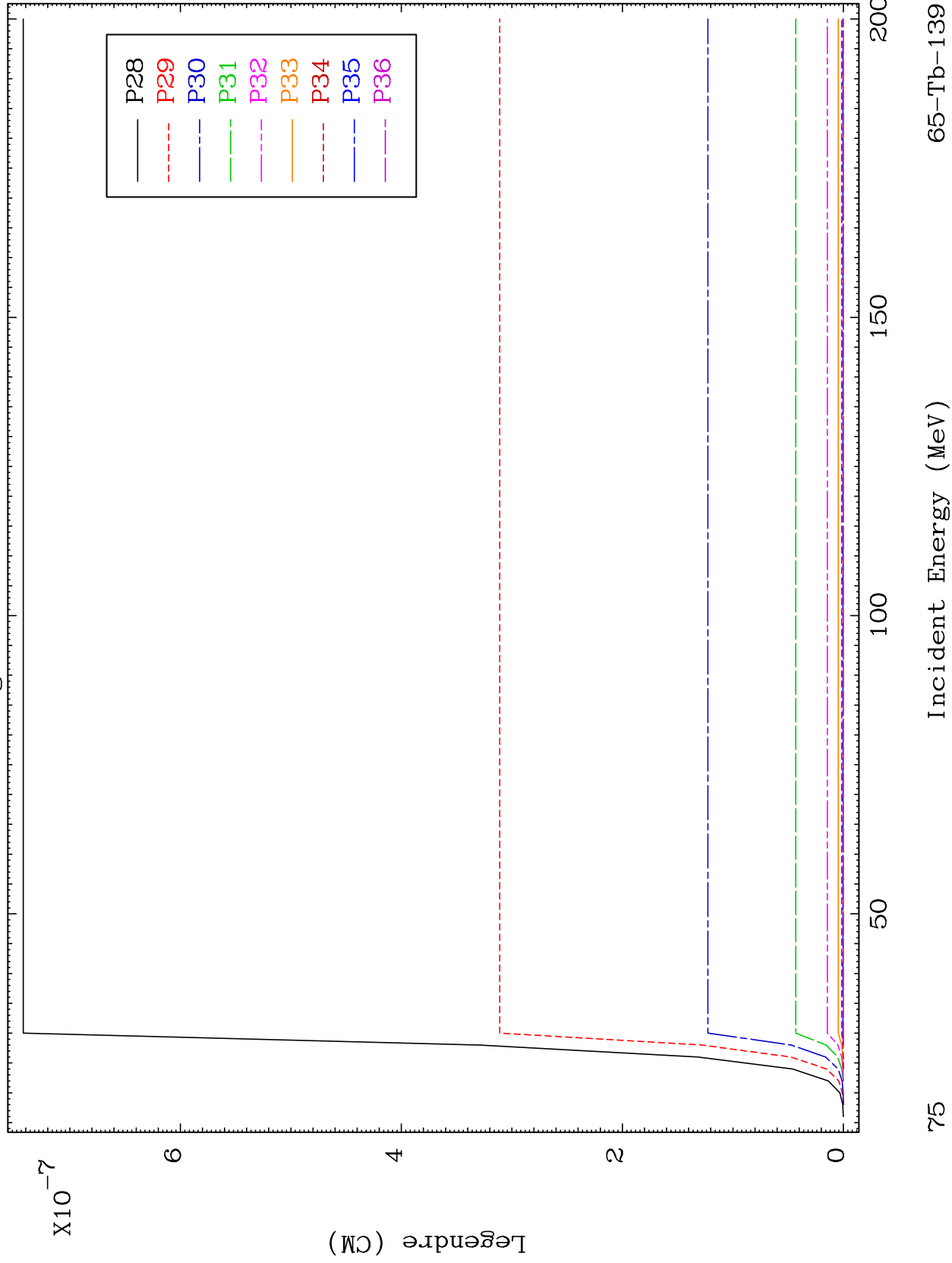




MAT 6465

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

65-Tb-139



75

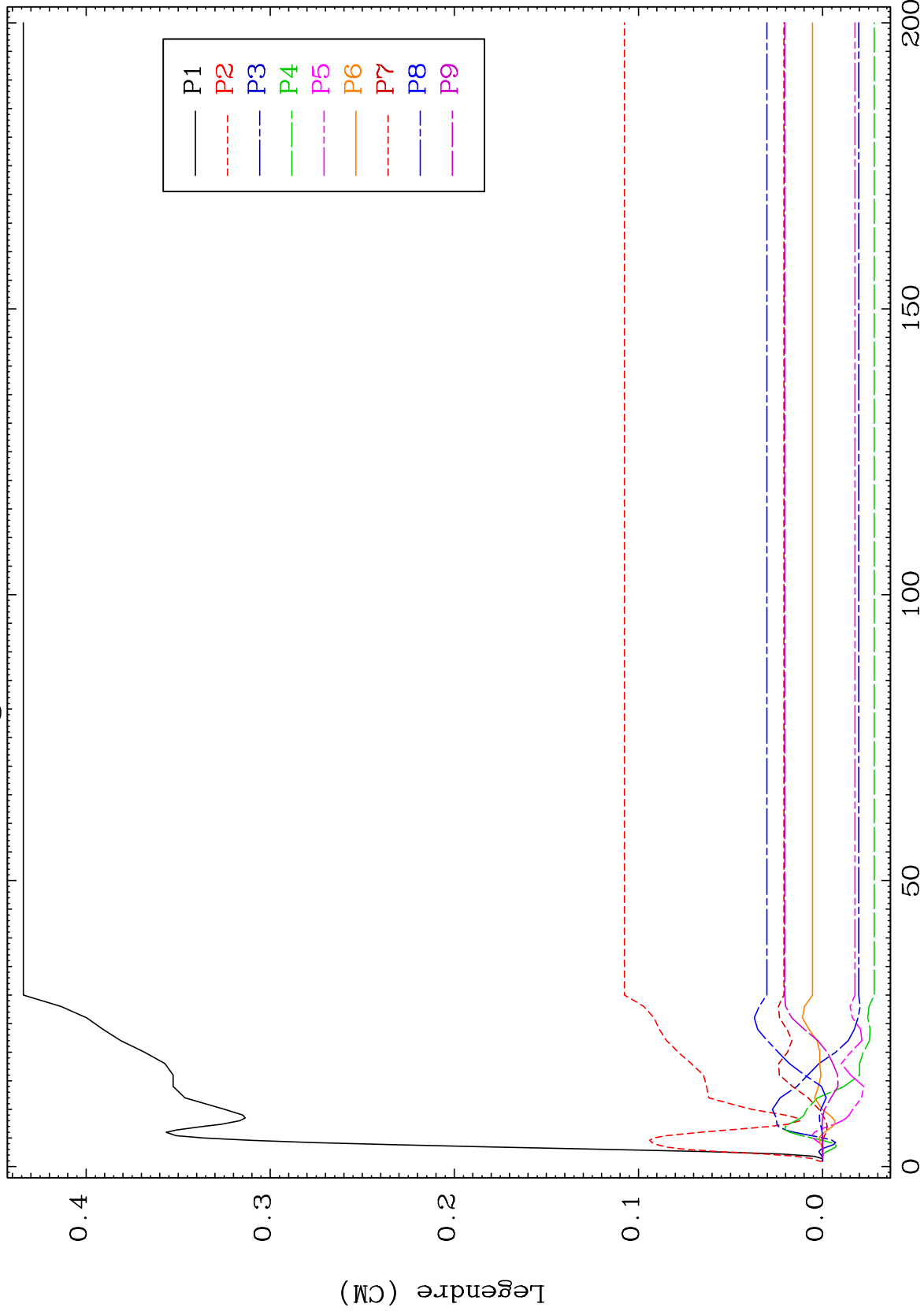
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

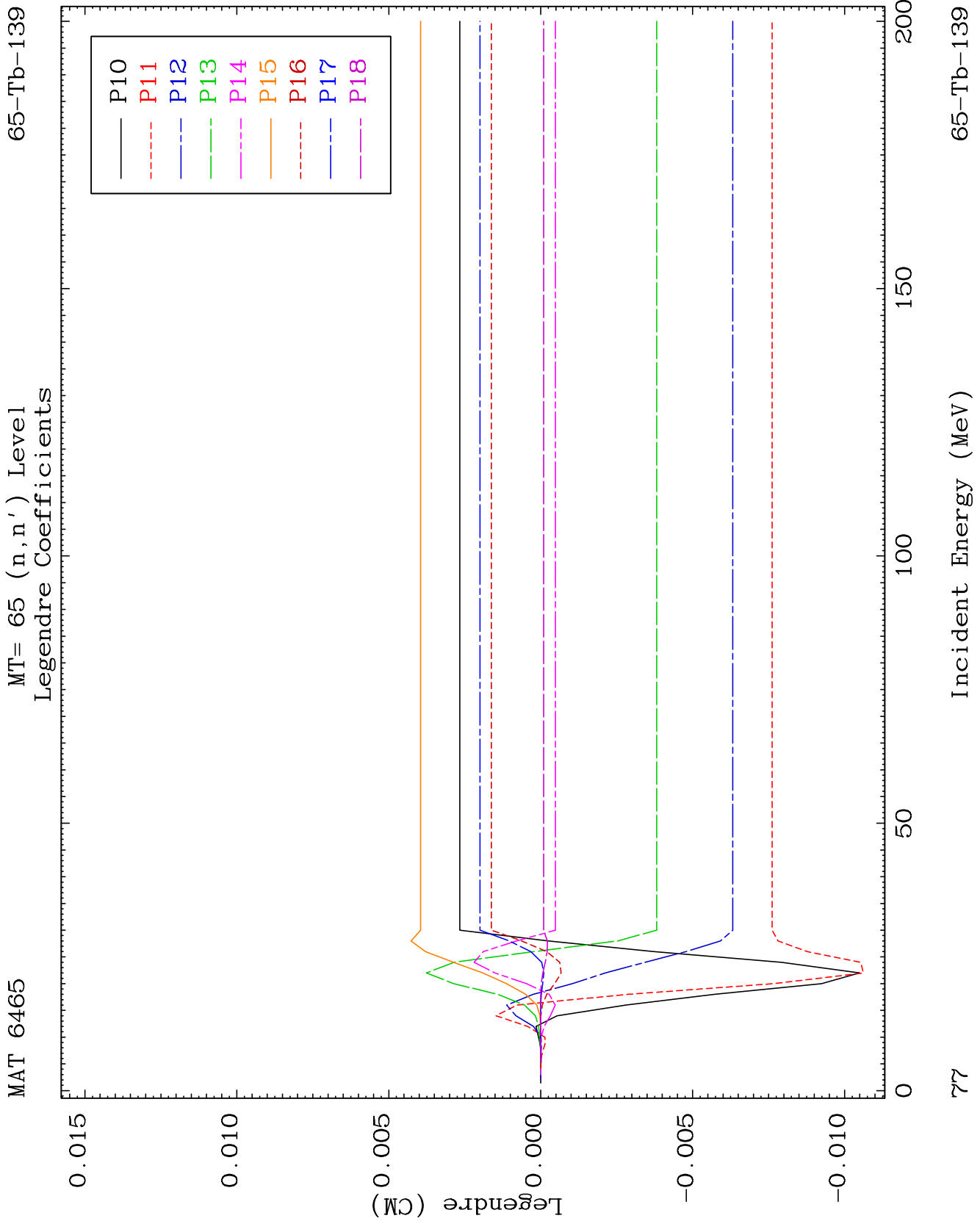
65-Tb-139

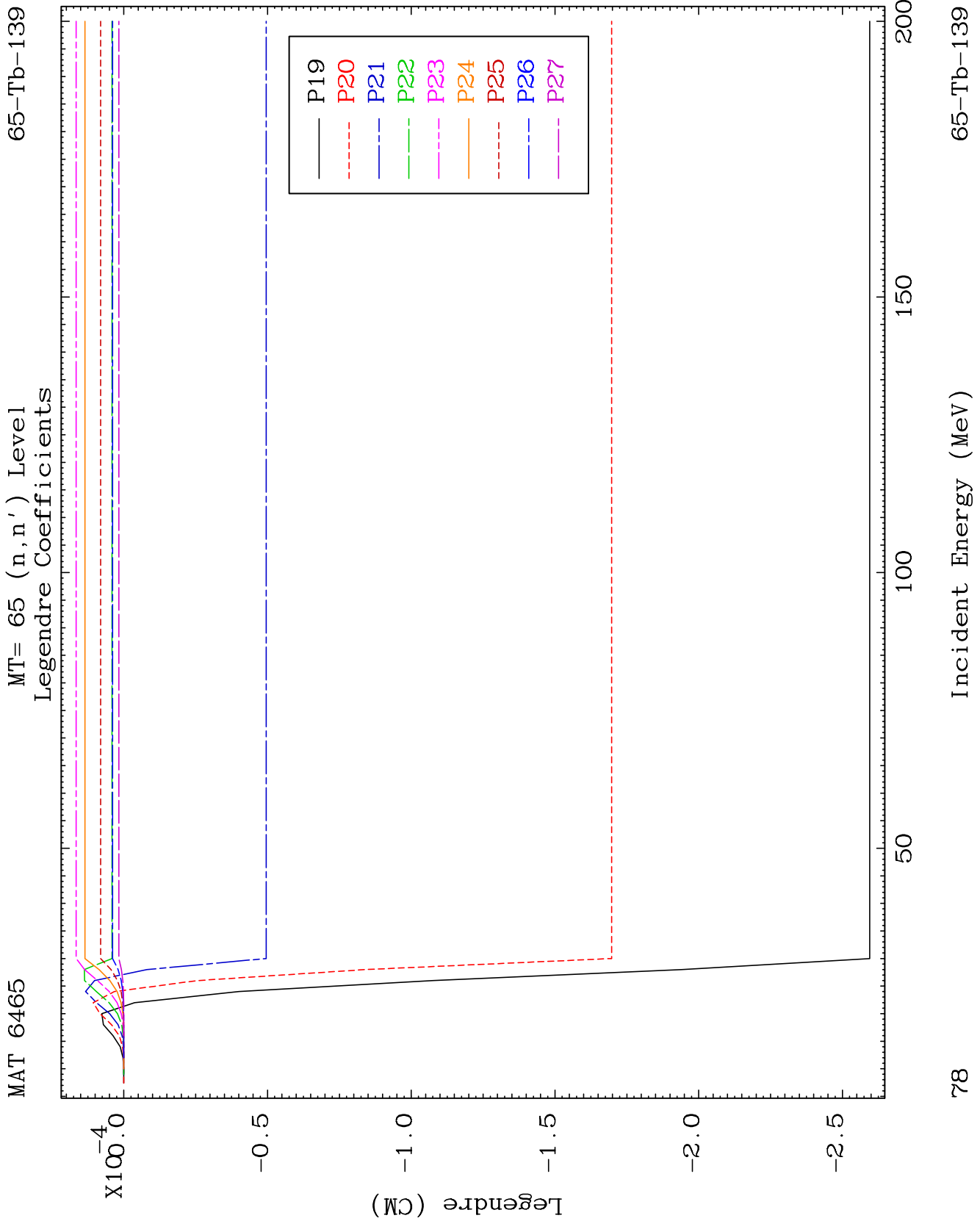


76

Incident Energy (MeV)

65-Tb-139

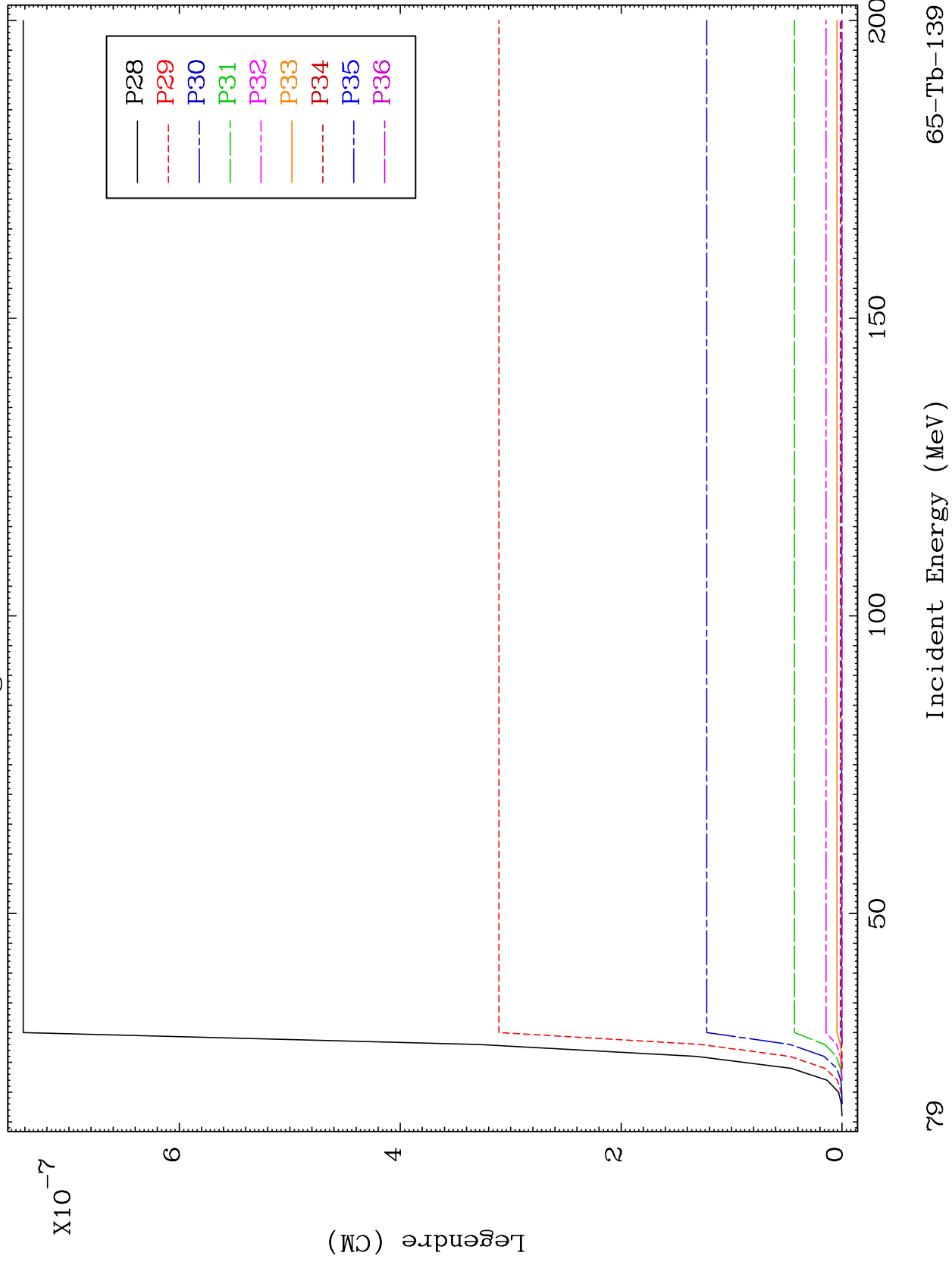




MAT 6465

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

65-Tb-139



79

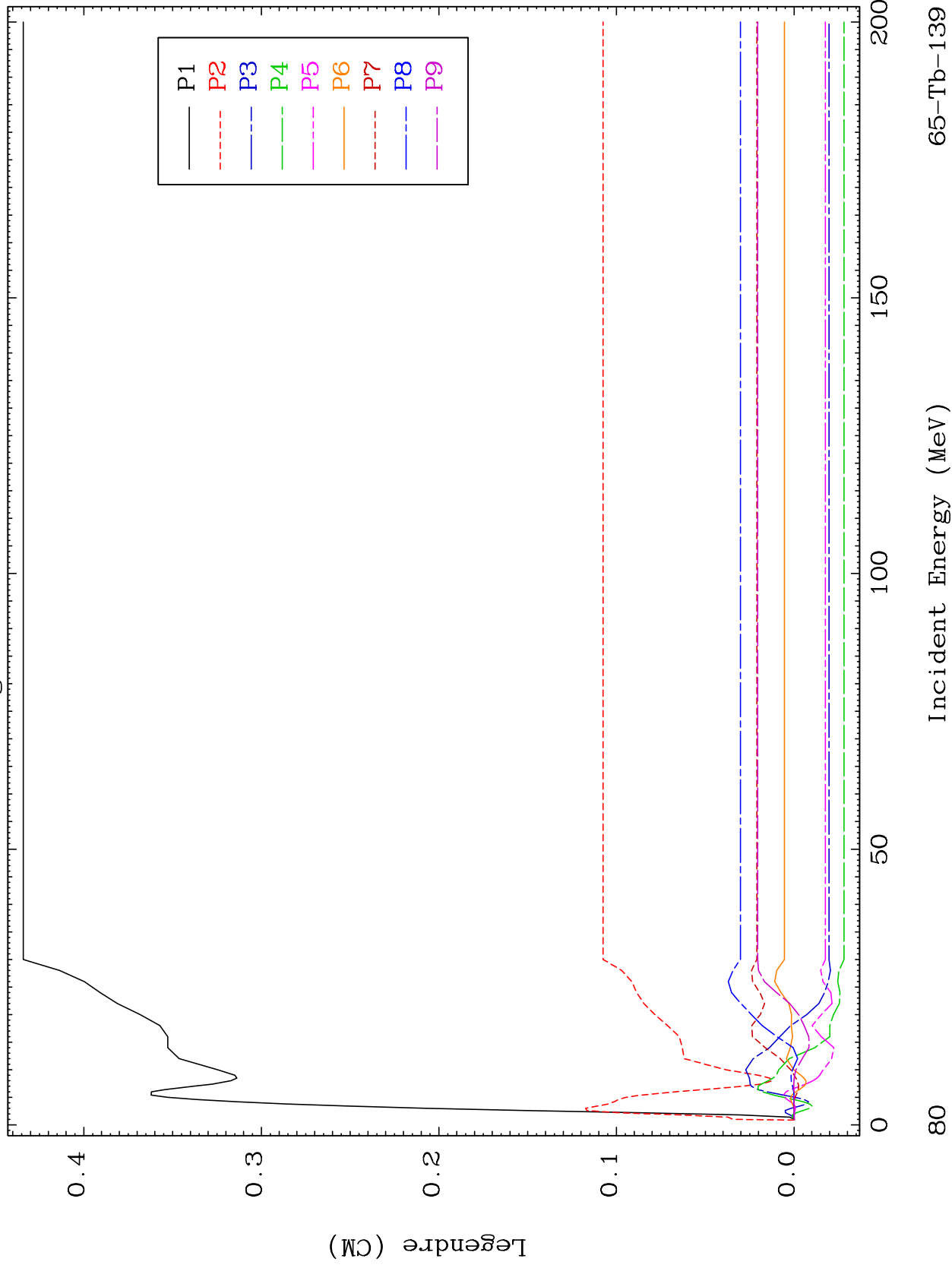
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



65-Tb-139

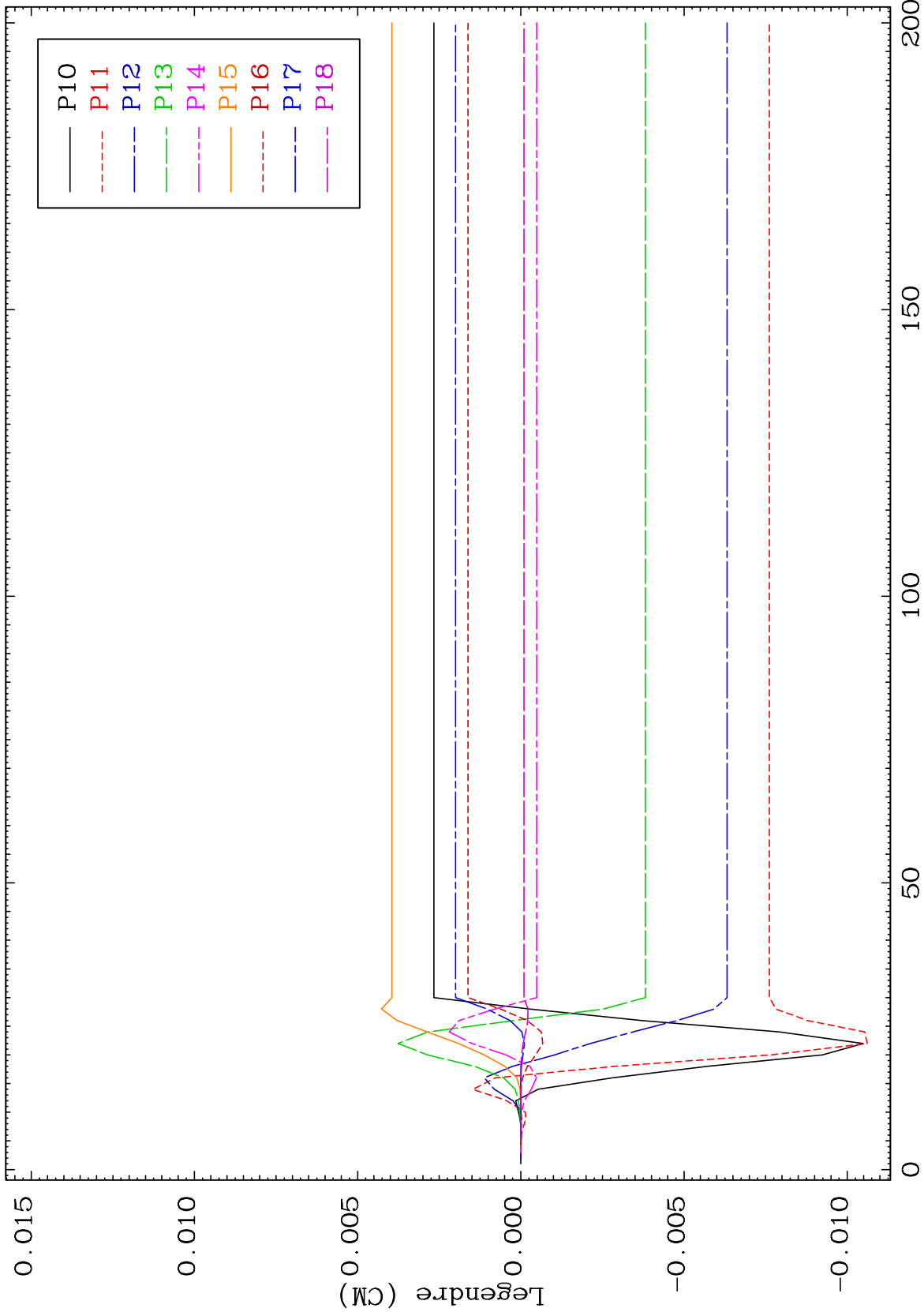
Incident Energy (MeV)

80

MAT 6465

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

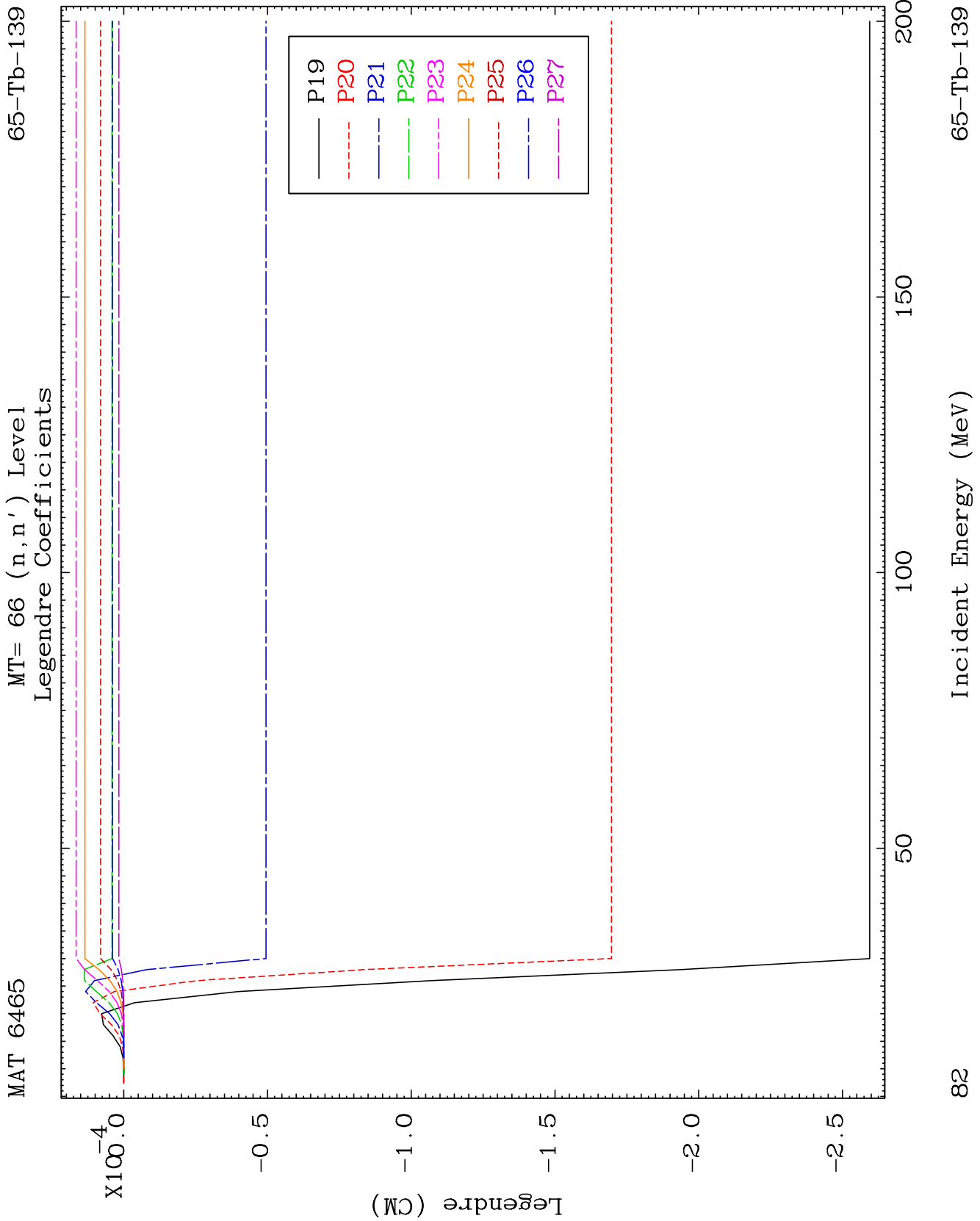
65-Tb-139



81

Incident Energy (MeV)

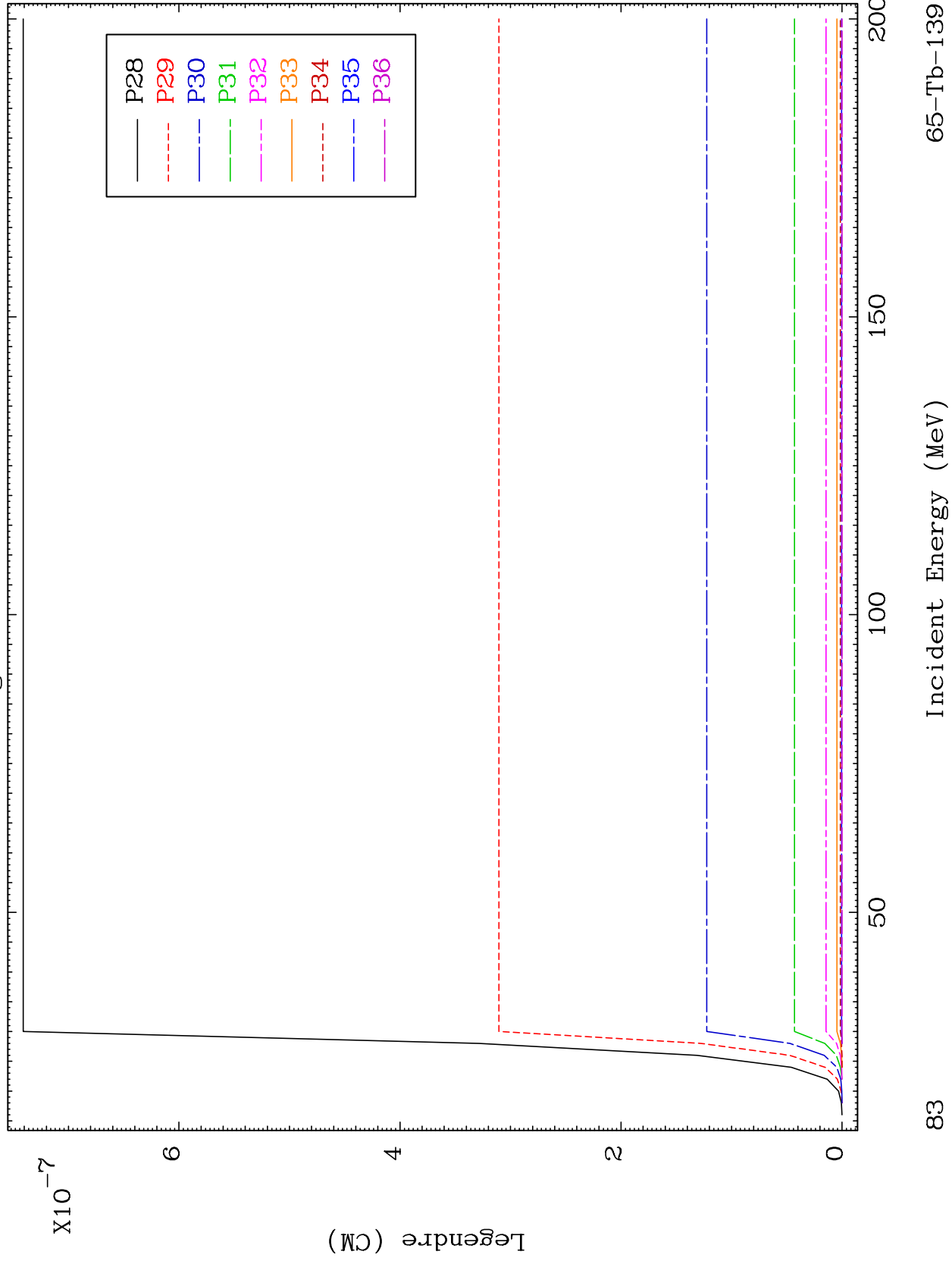
65-Tb-139

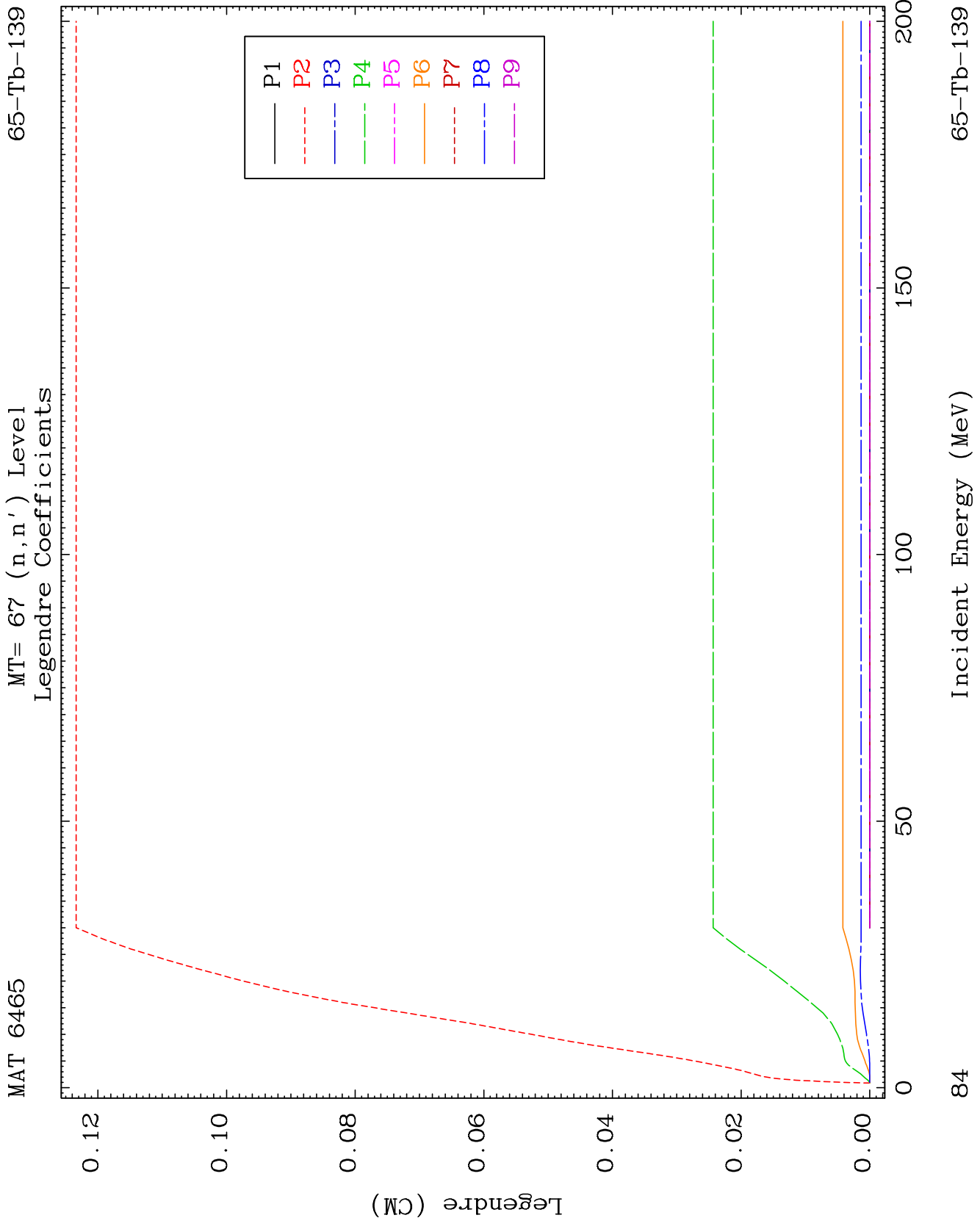


MAT 6465

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

65-Tb-139

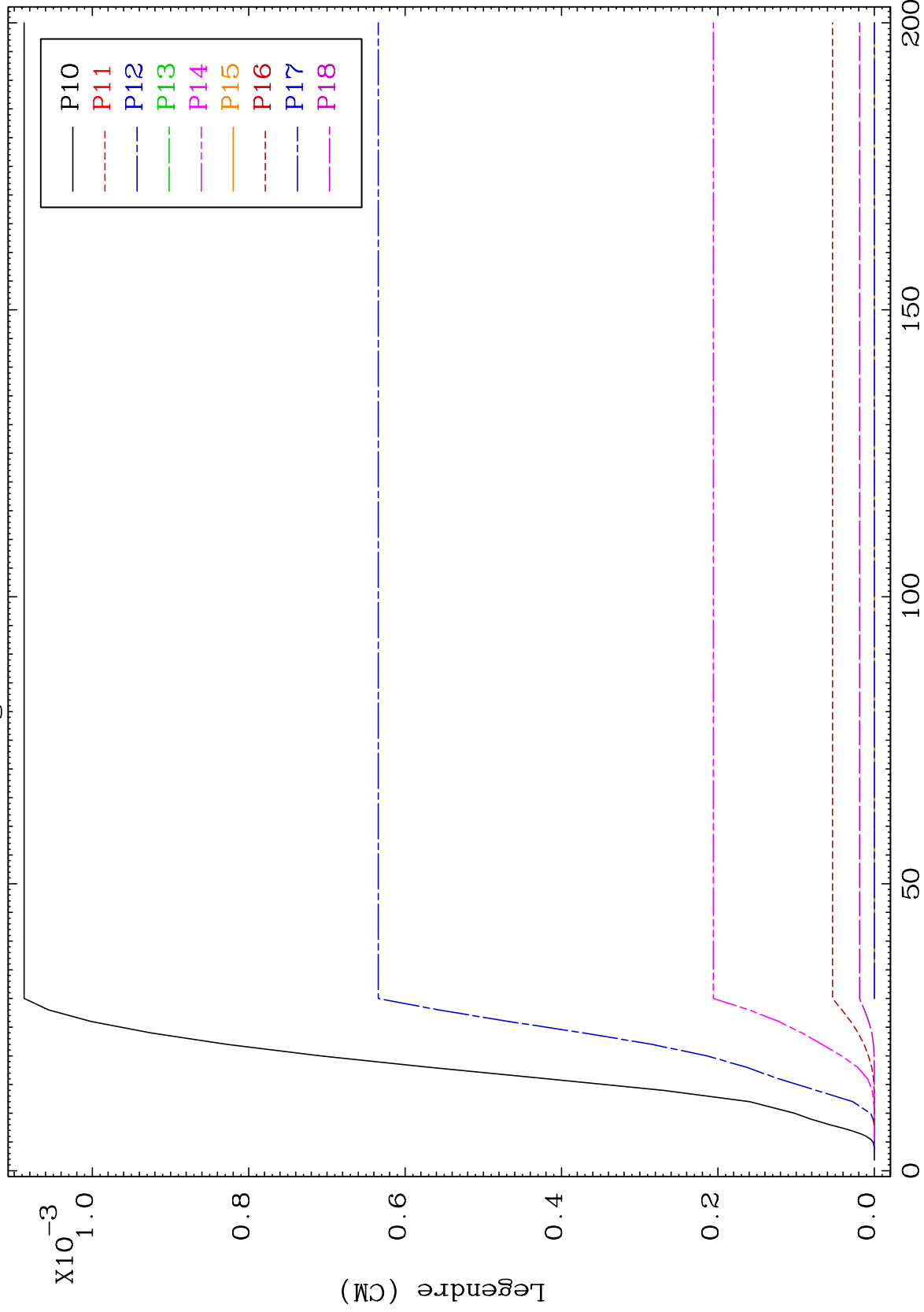




MAT 6465

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

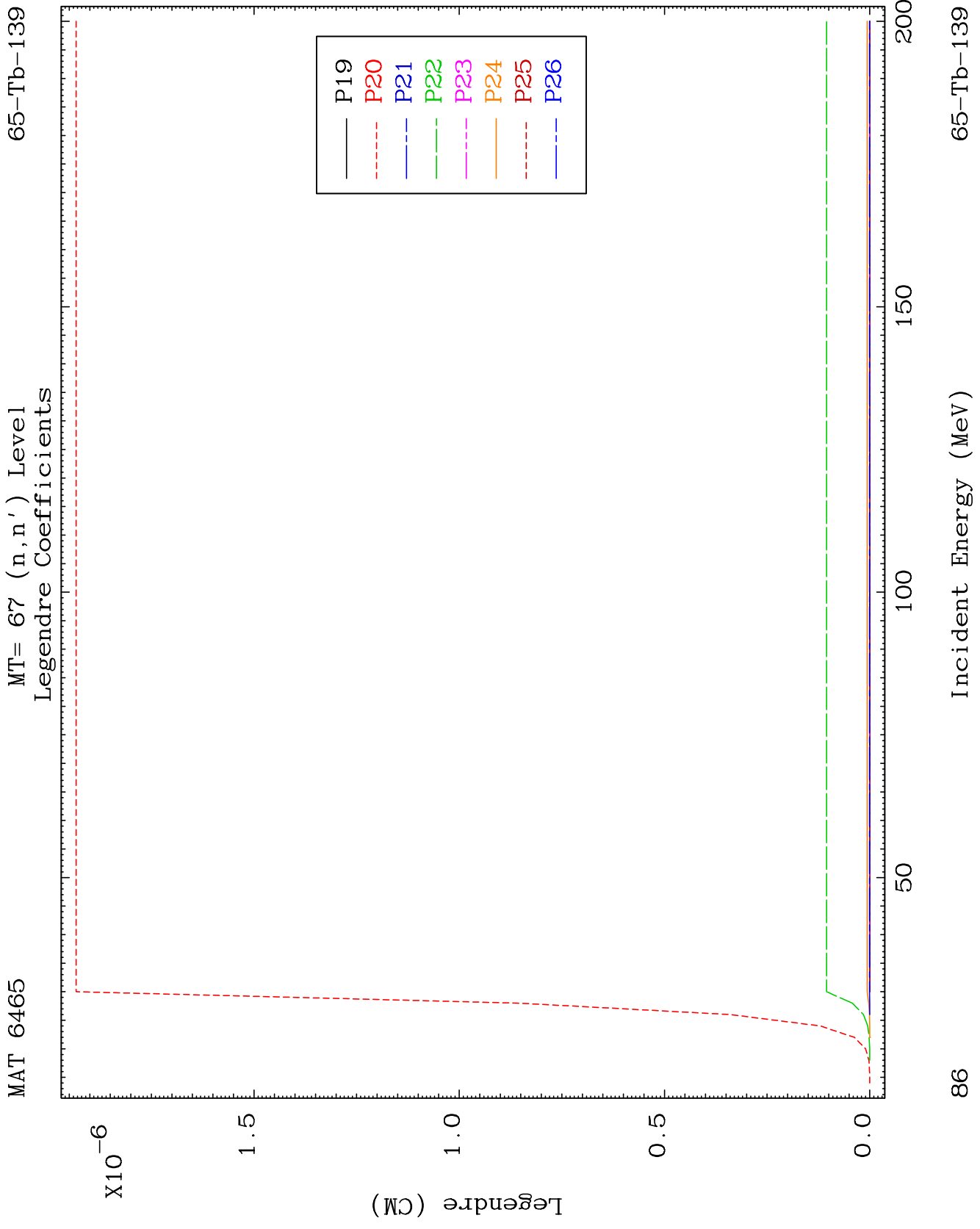
65-Tb-139



85

Incident Energy (MeV)

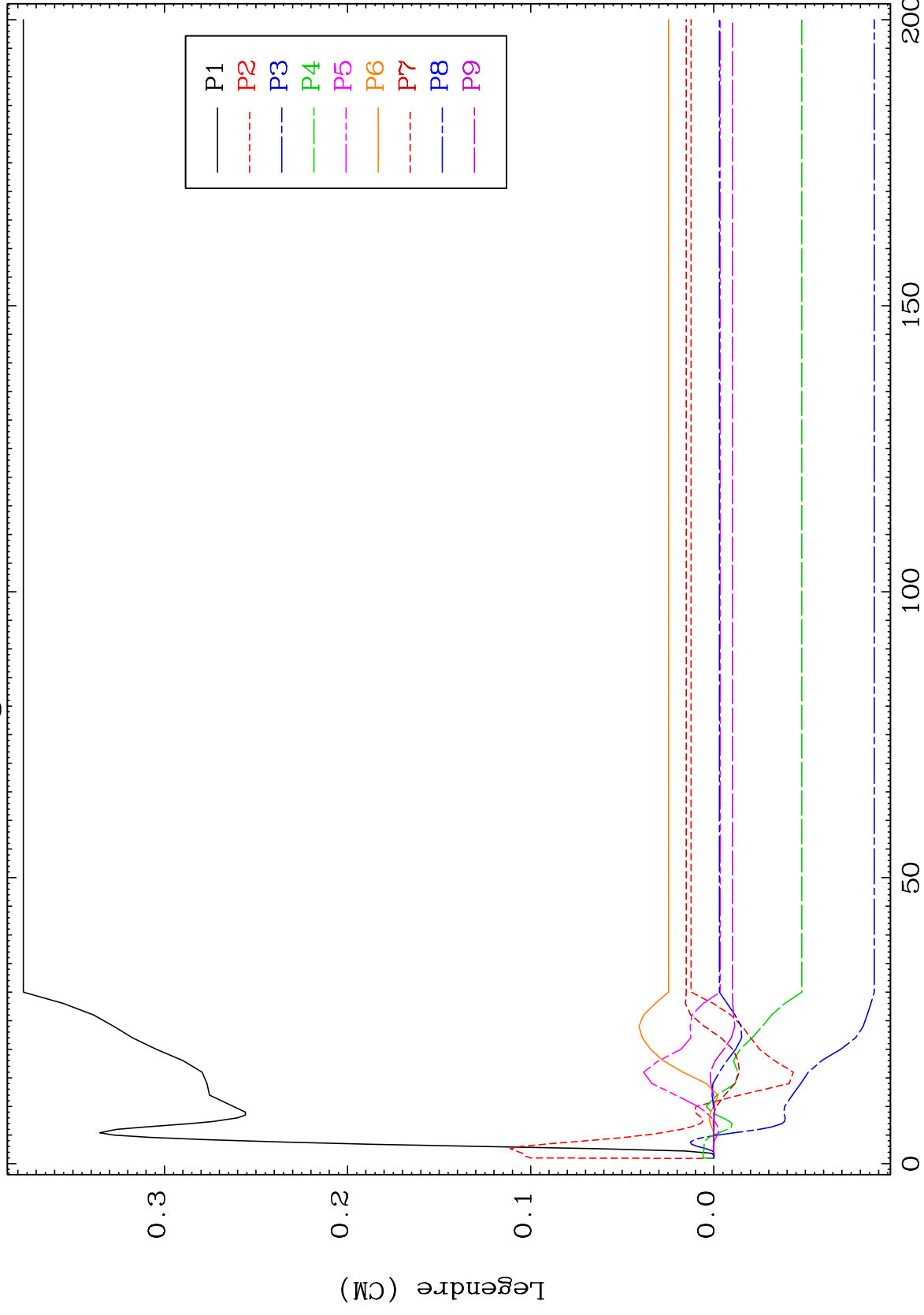
65-Tb-139



MAT 6465

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

65-Tb-139



87

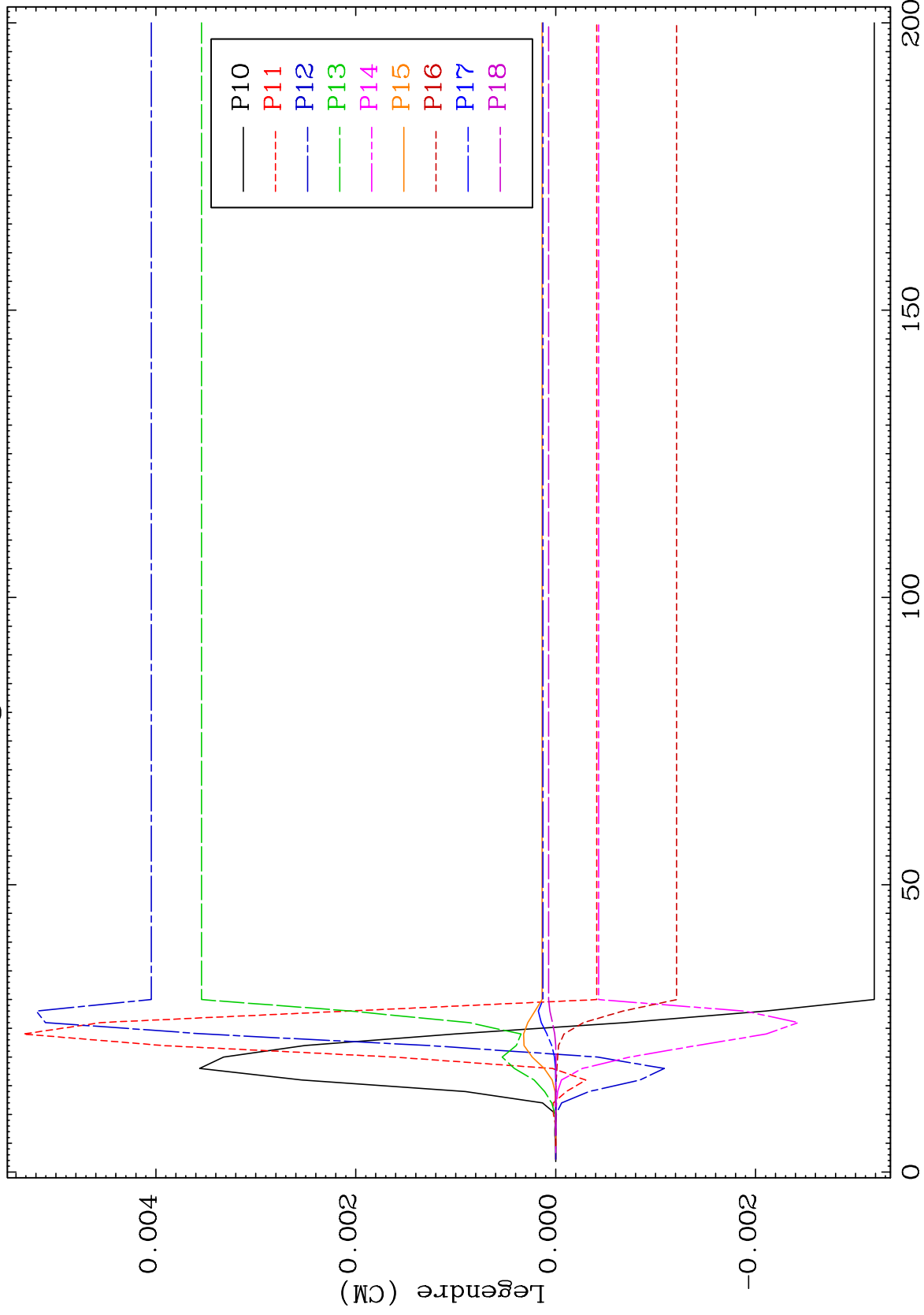
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



88

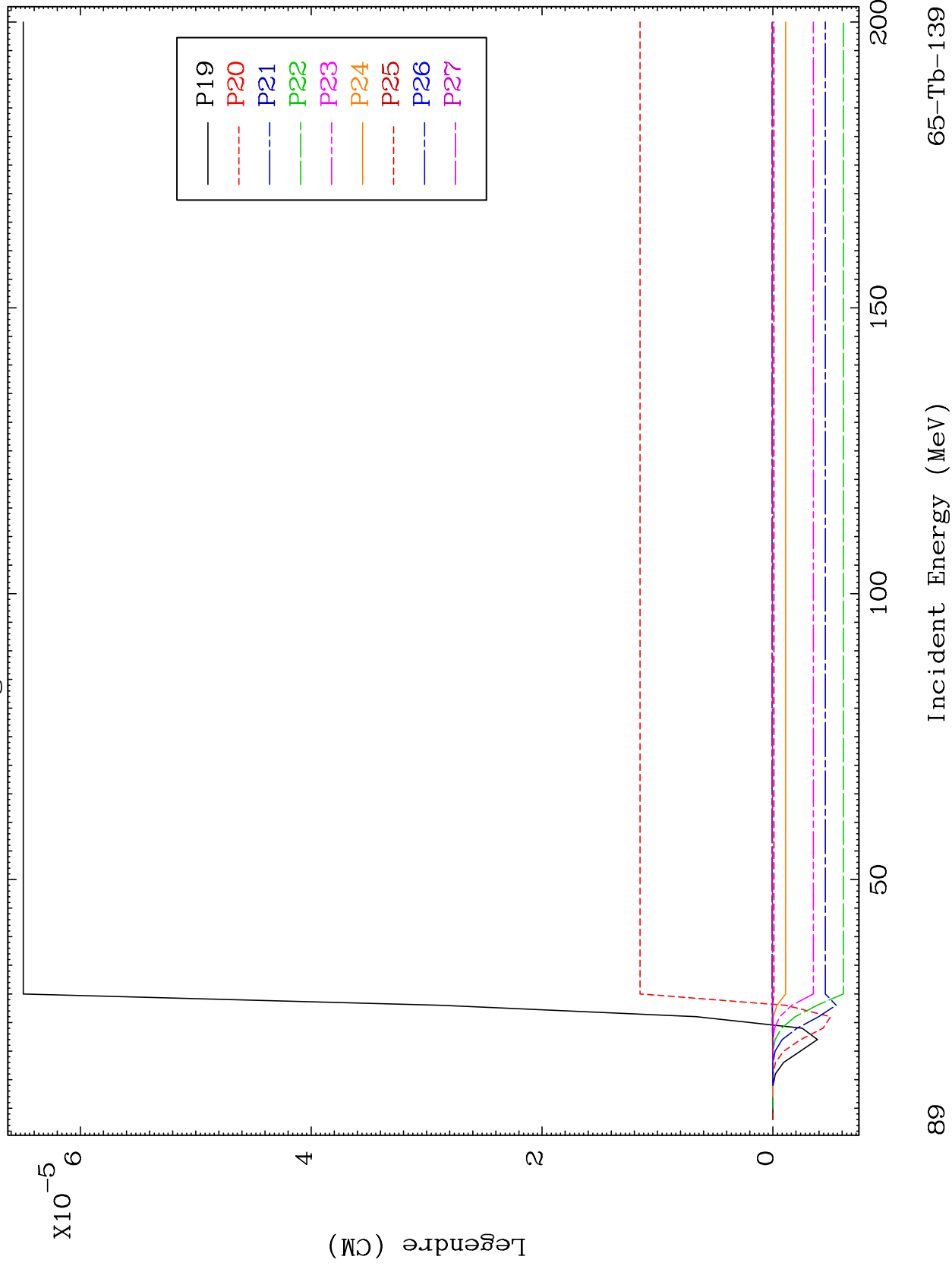
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

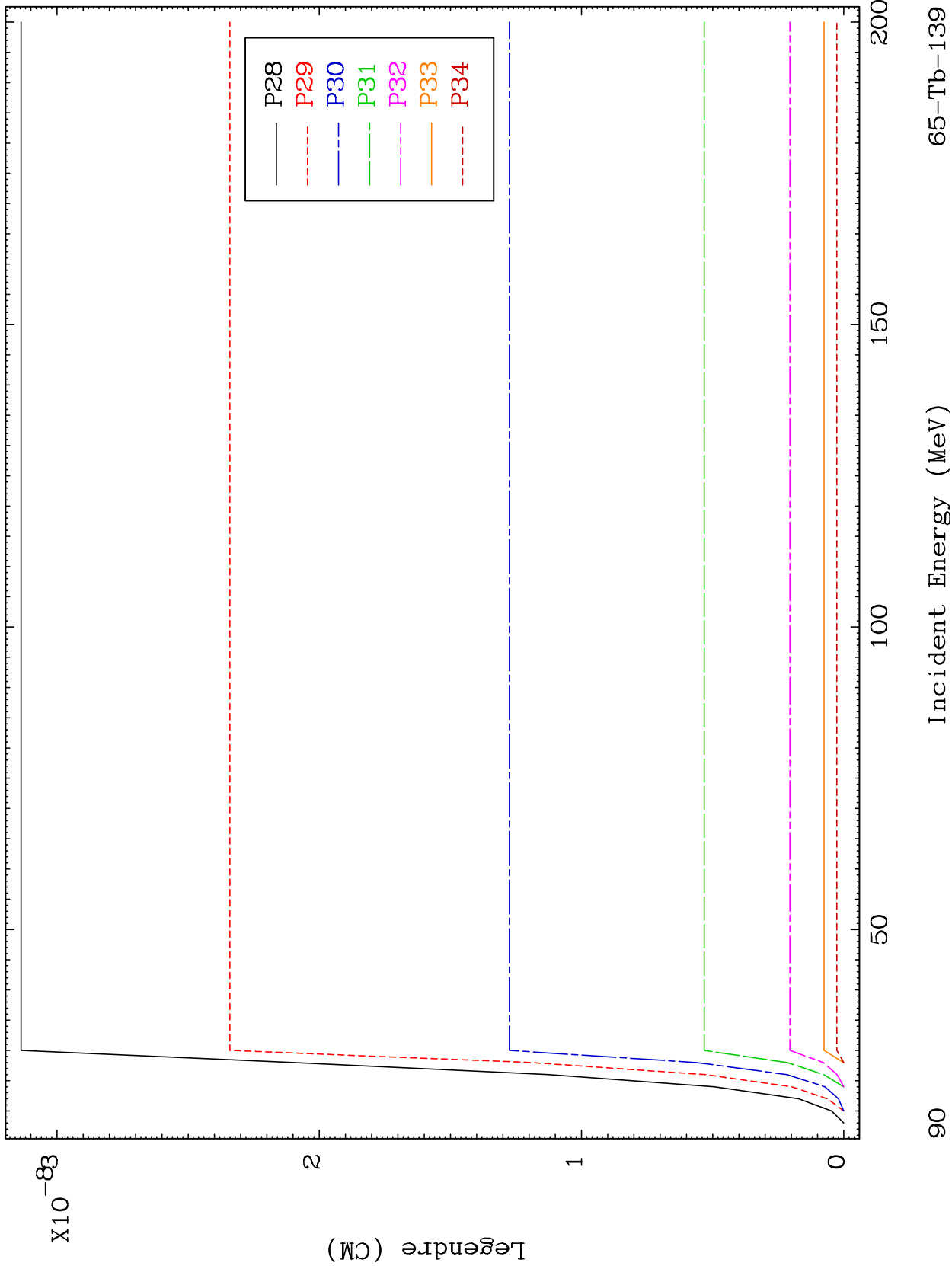
65-Tb-139



MAT 6465

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

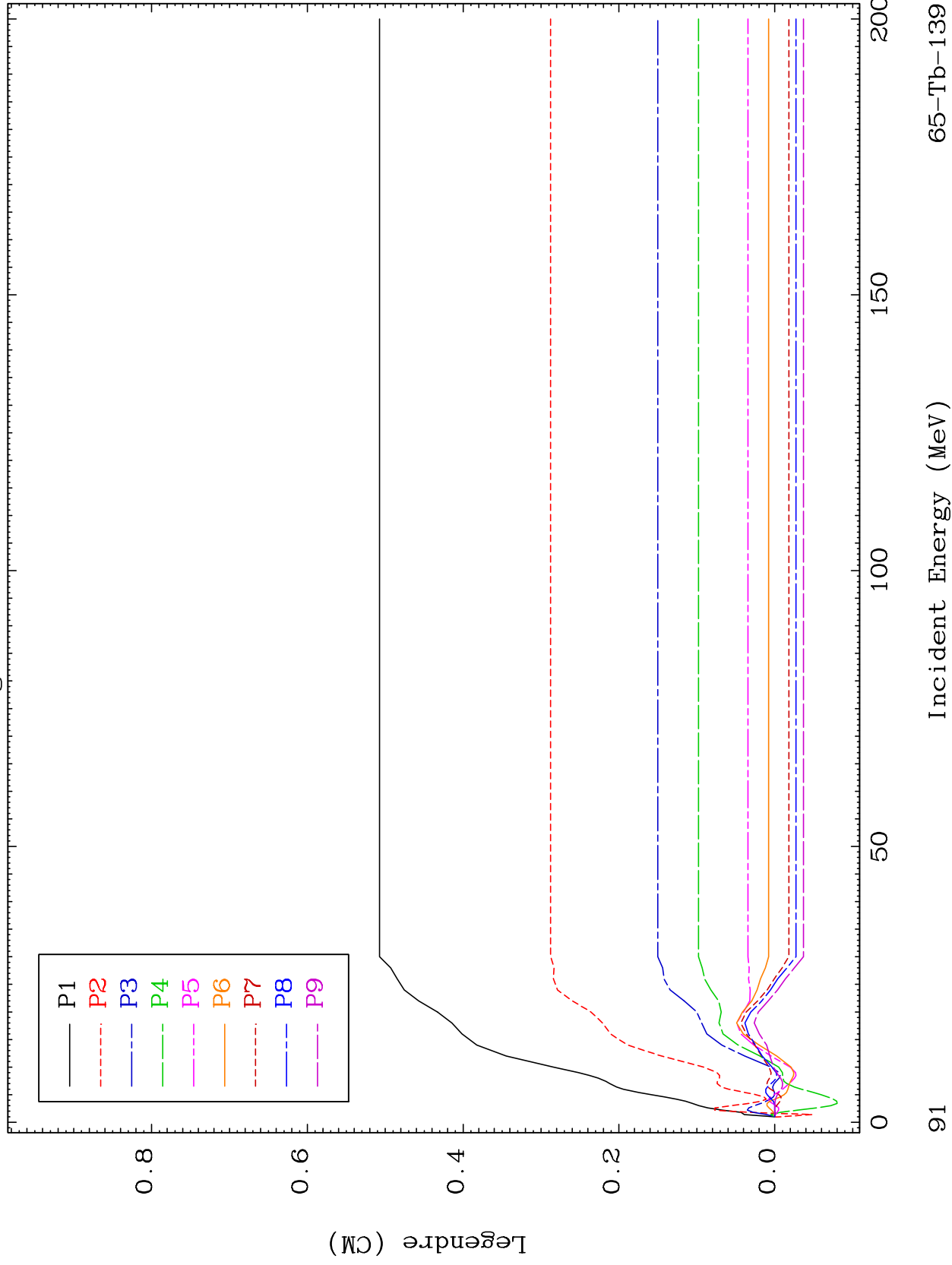
65-Tb-139



MAT 6465

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

65-Tb-139



91

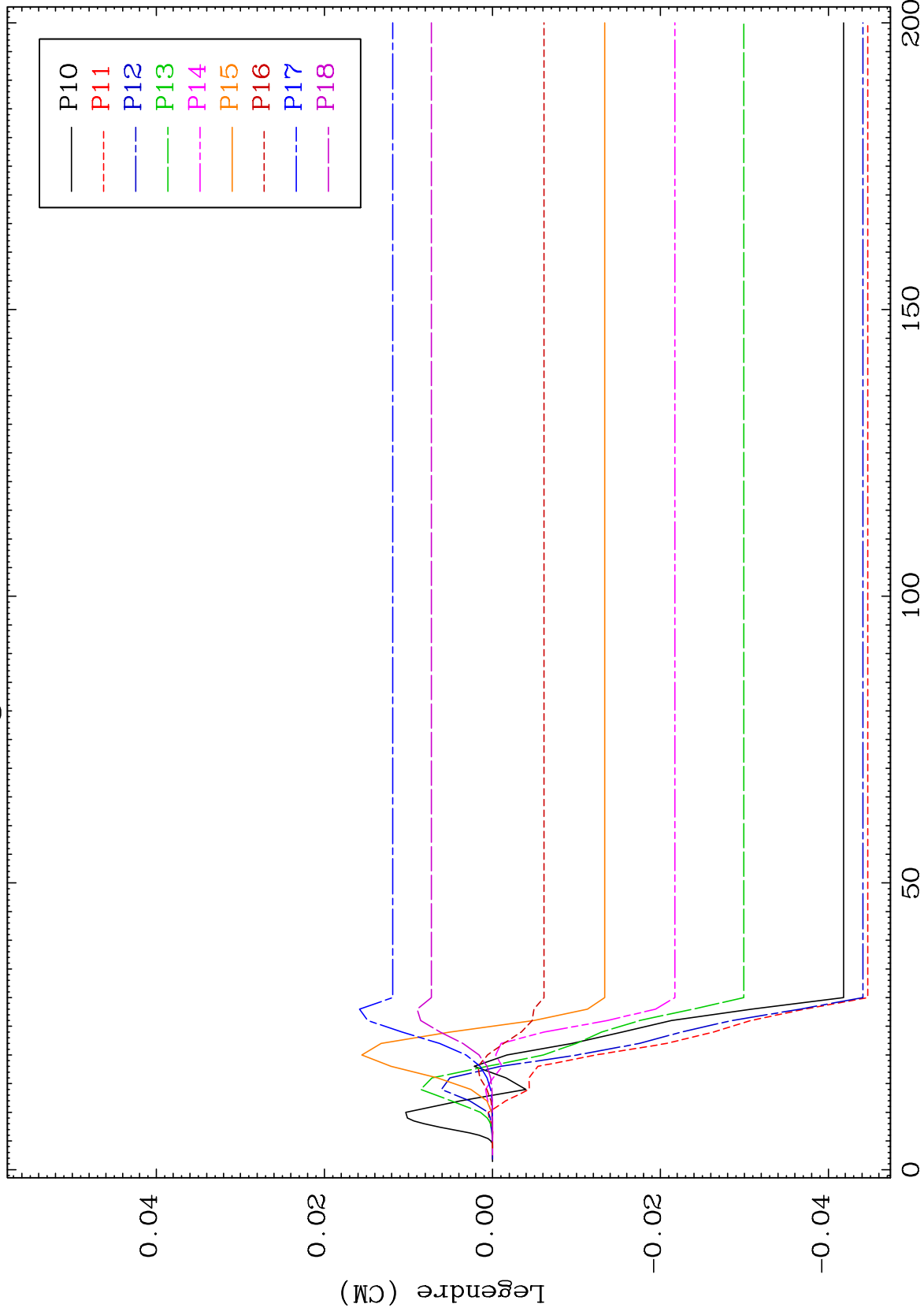
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



92

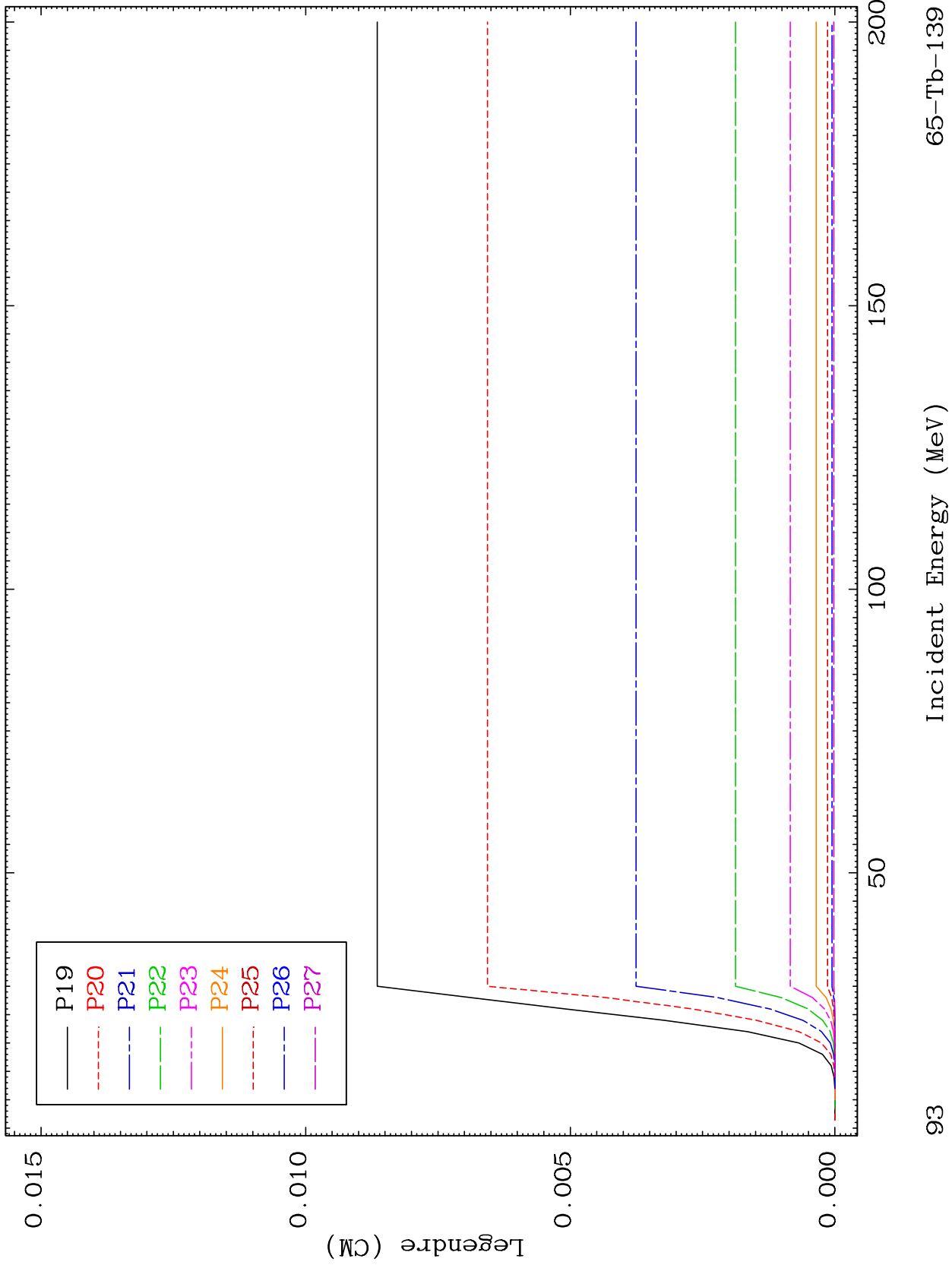
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



93

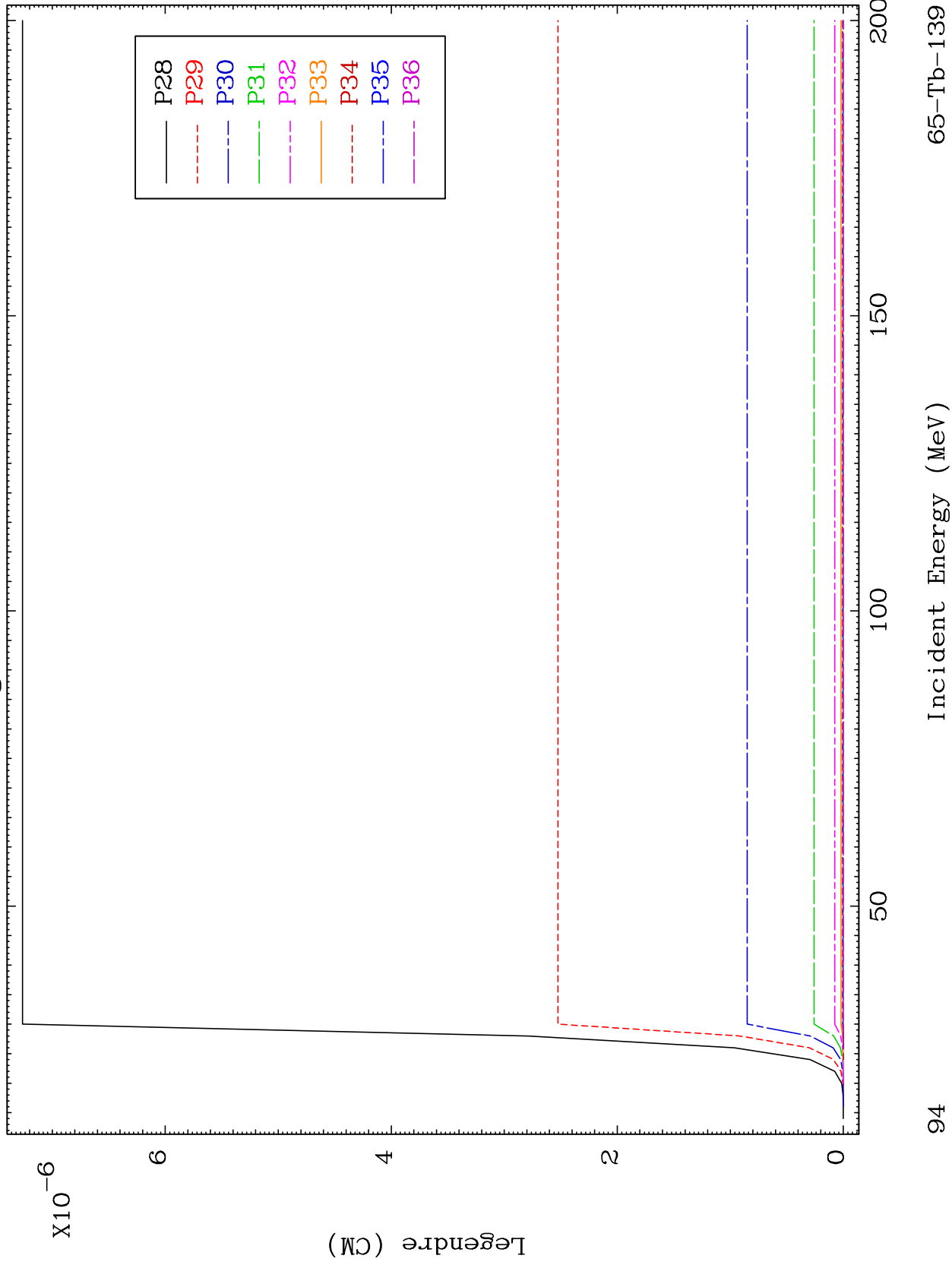
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139

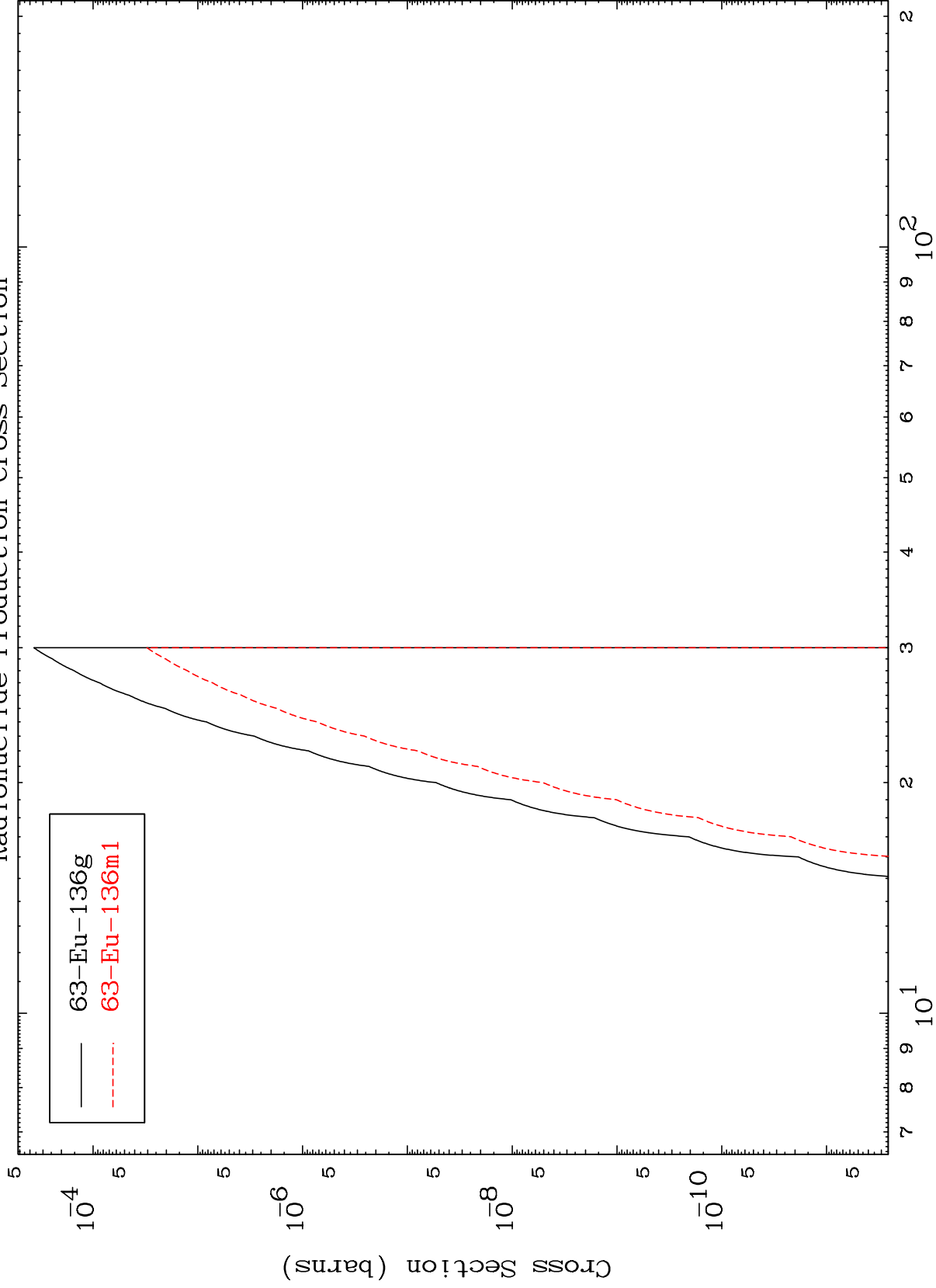


MAT 6465

(n,n') He-3

65-Tb-139

Radionuclide Production Cross Section



95

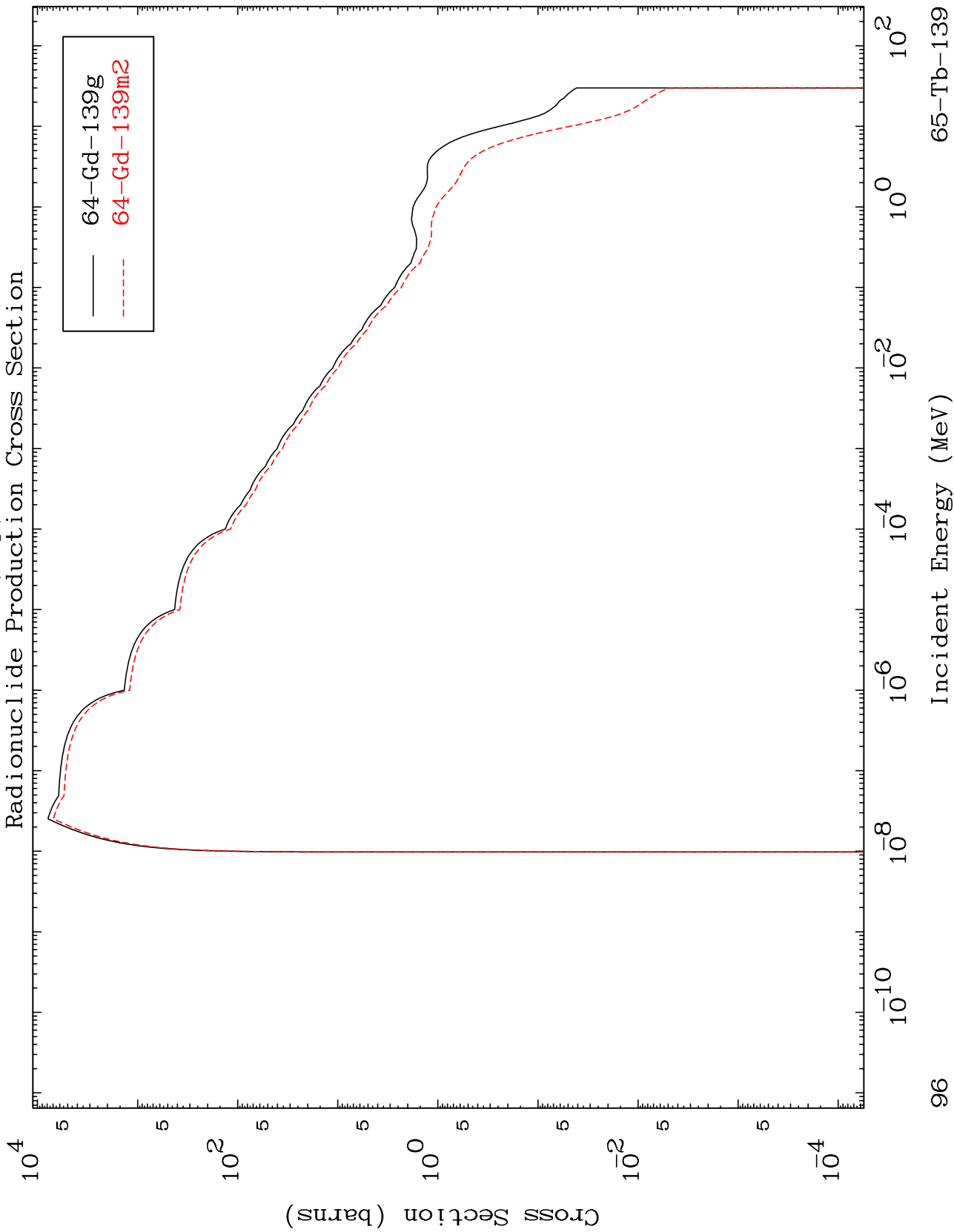
Incident Energy (MeV)

65-Tb-139

MAT 6465

65-Tb-139

(n,p)
Radionuclide Production Cross Section



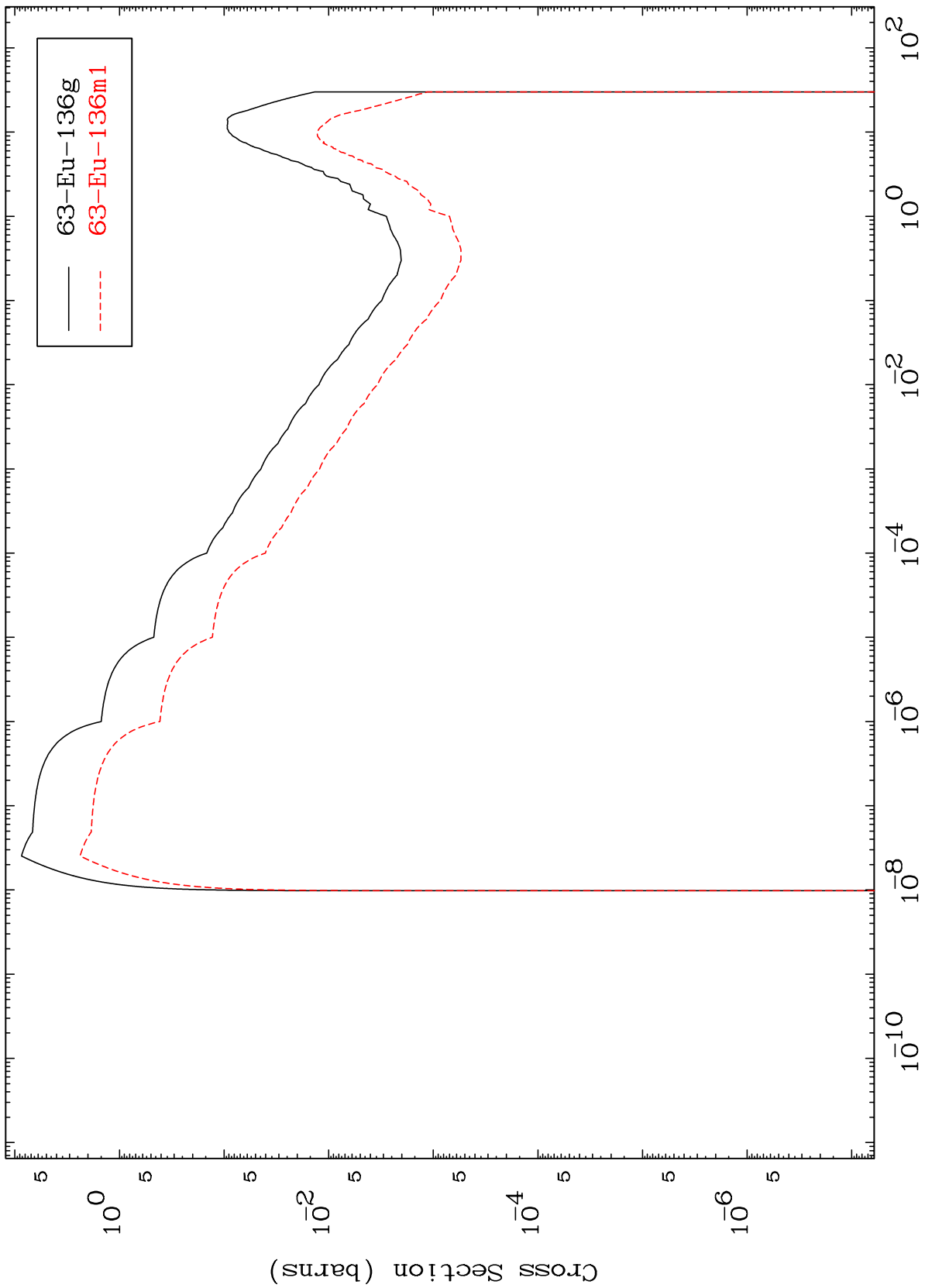
96

65-Tb-139

MAT 6465

65-Tb-139

(n, α)
Radionuclide Production Cross Section



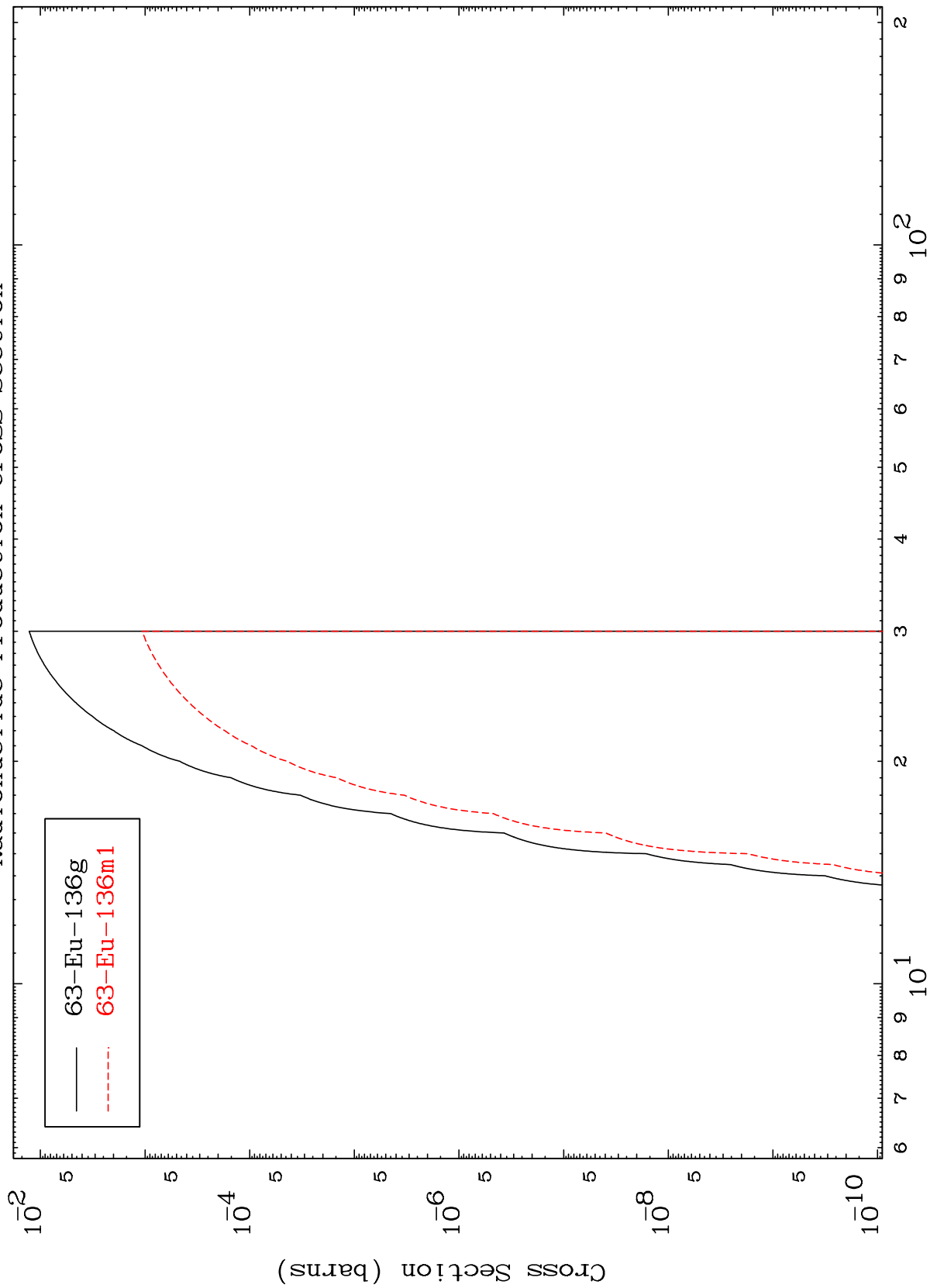
63-Eu-136g
63-Eu-136m1

MAT 6465

(n,p) t

65-Tb-139

Radionuclide Production Cross Section



98

Incident Energy (MeV)

65-Tb-139