

Program EVALPLOT
(Version 2021-1)

by

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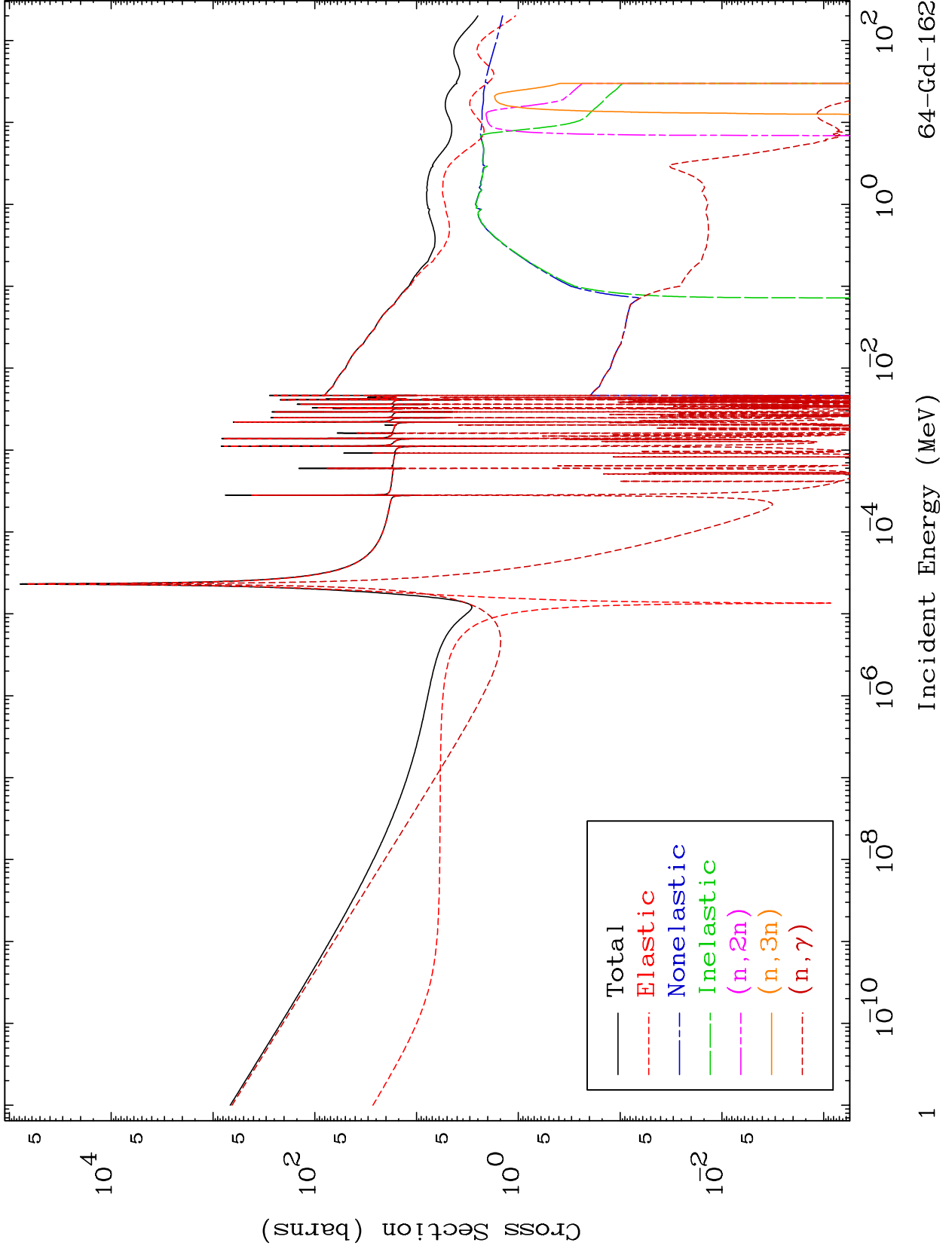
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Press Mouse Button to Start

MAT 6455

Neutron Major
293 Kelvin Cross Sections

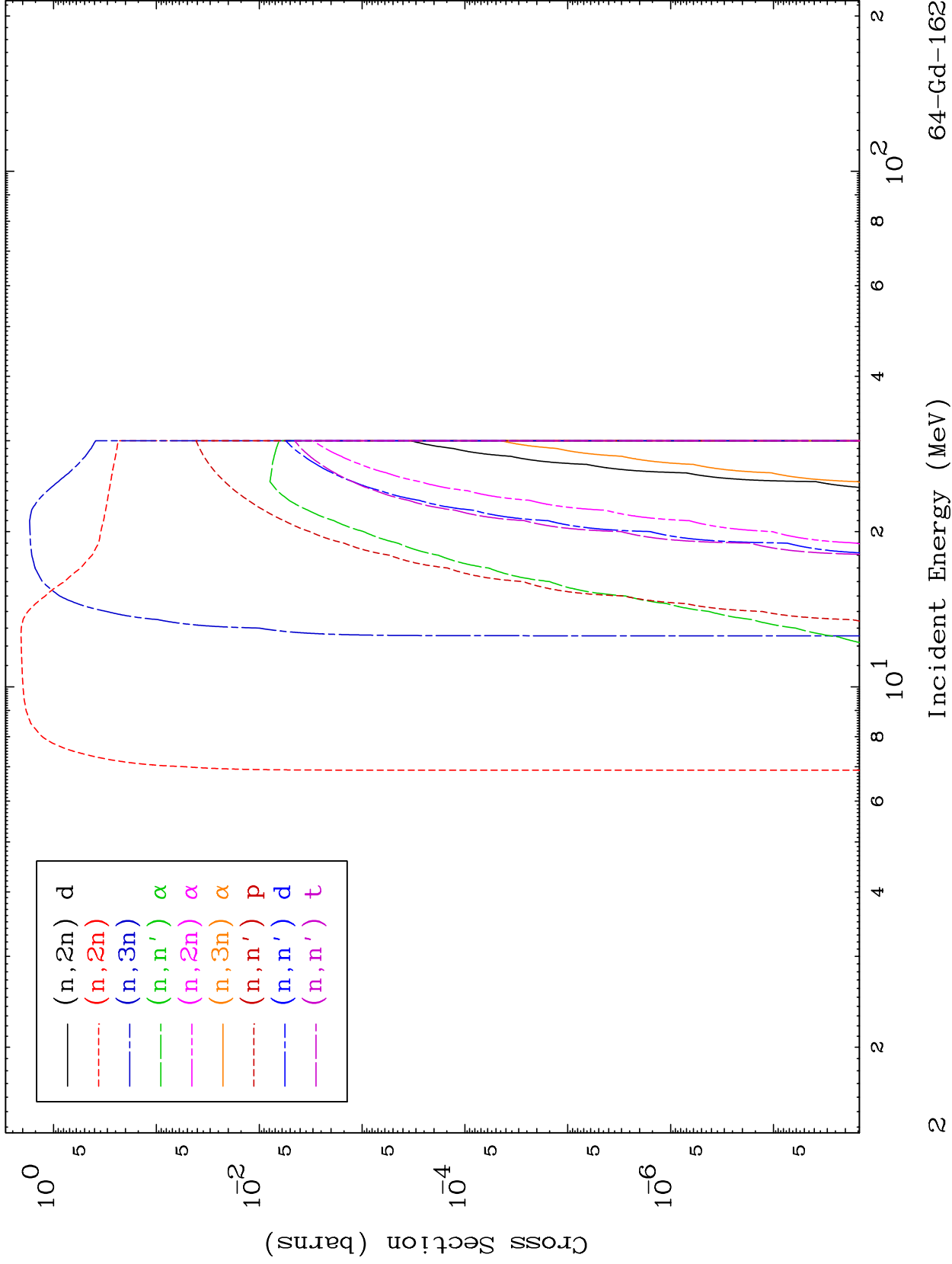
64-Gd-162



MAT 6455

Neutron Absorption
293 Kelvin Cross Sections

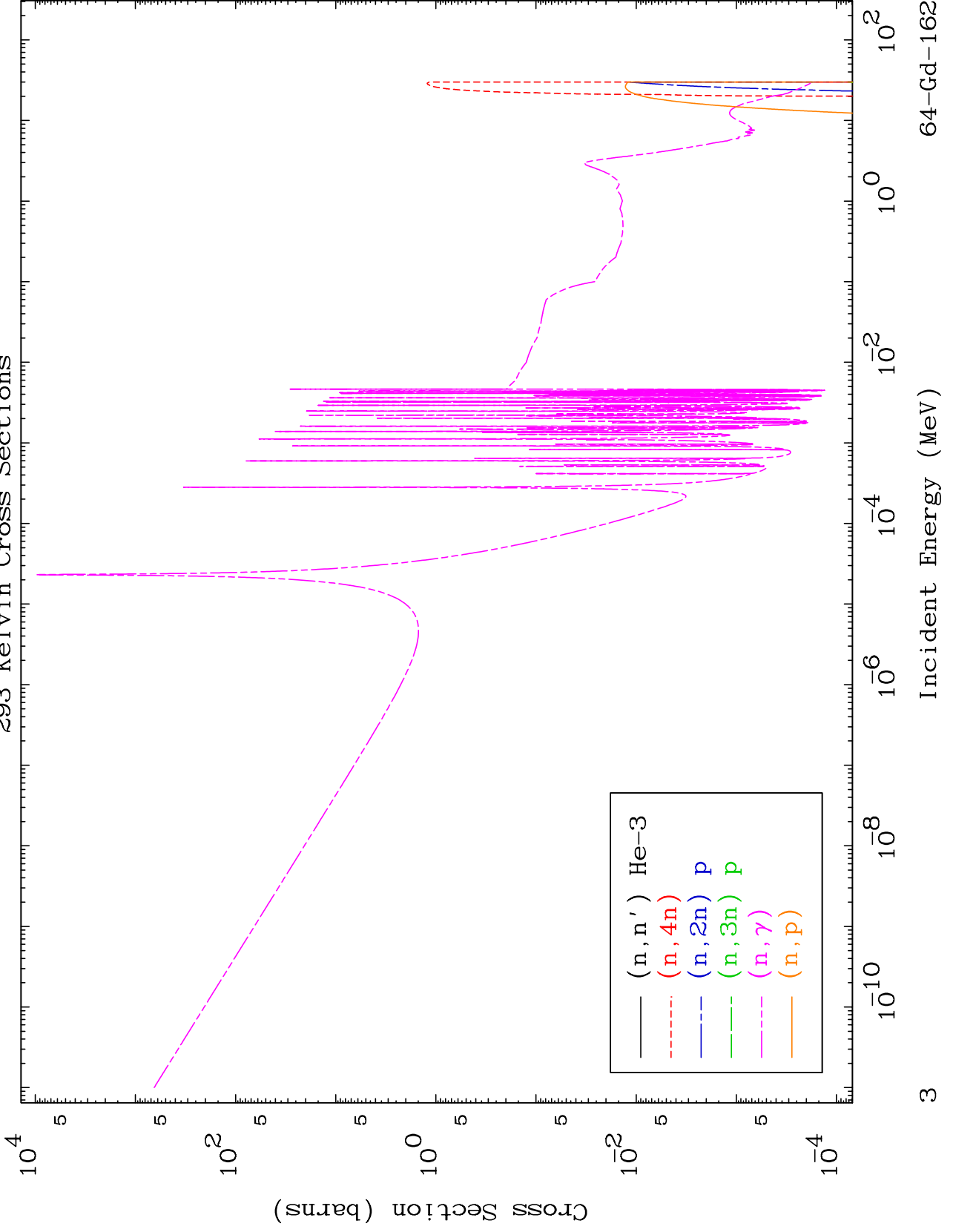
64-Gd-162



MAT 6455

Neutron Absorption
293 Kelvin Cross Sections

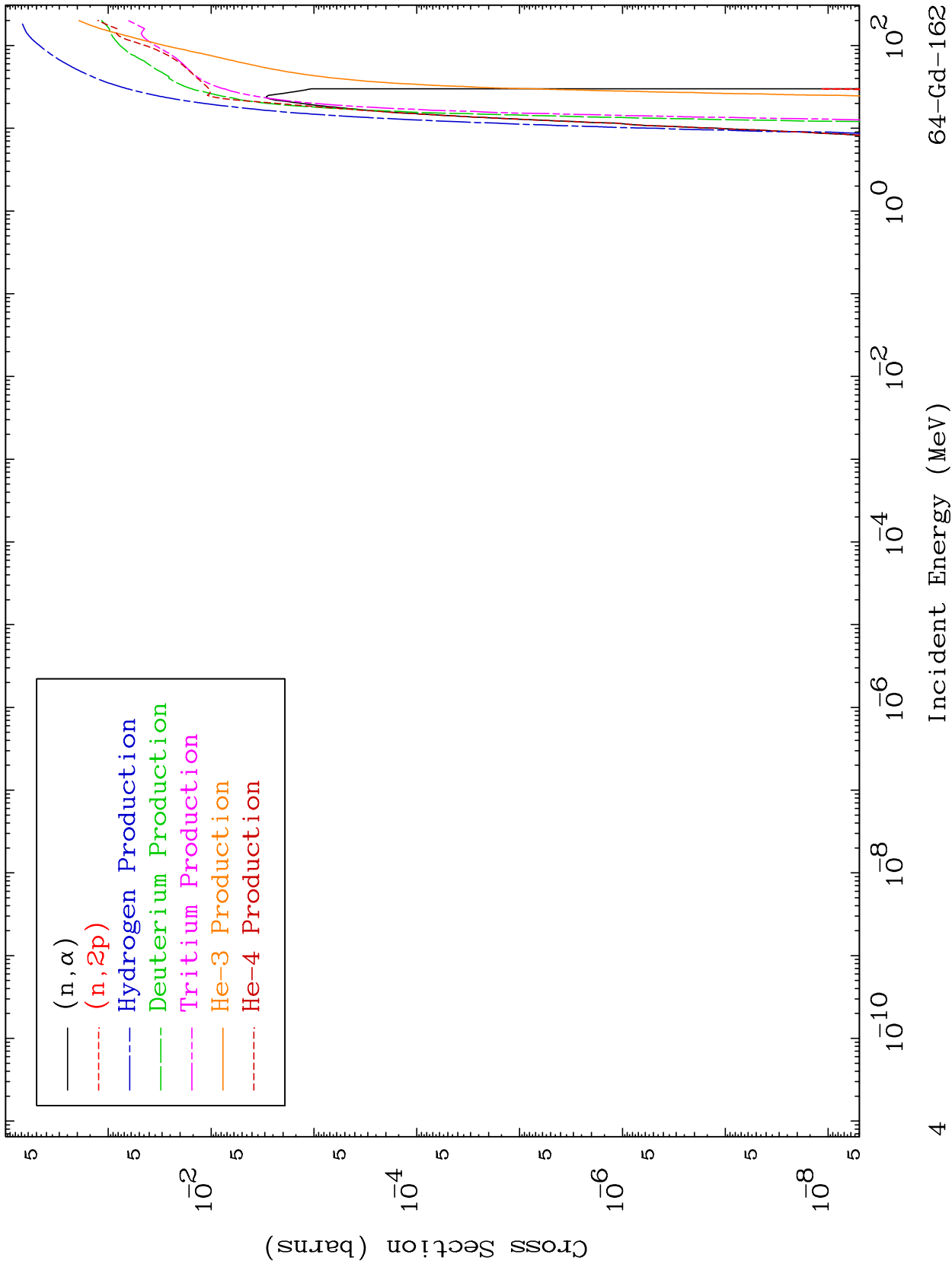
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MAT 6455

Neutron Absorption
293 Kelvin Cross Sections

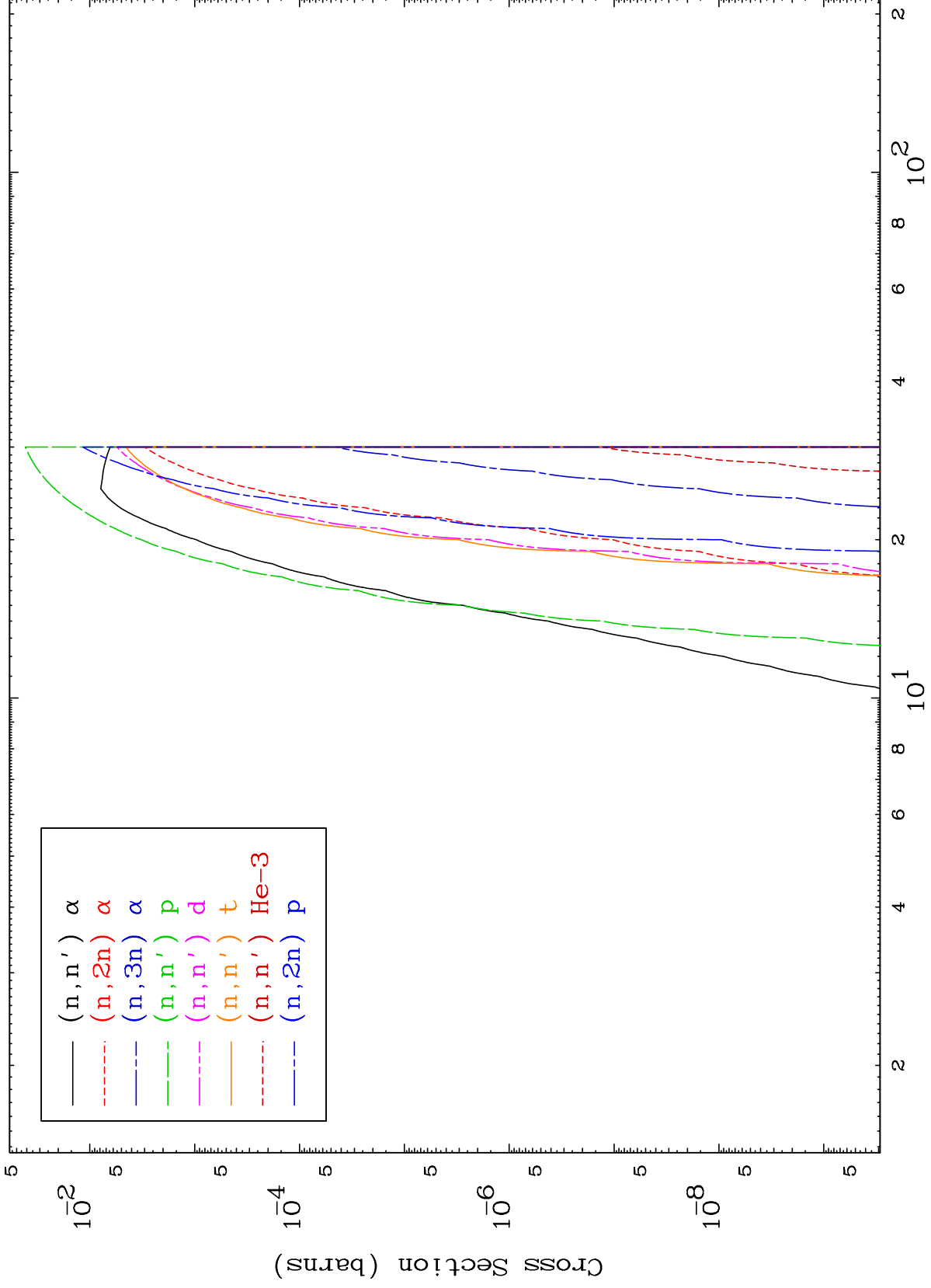
64-Gd-162



MAT 6455

Charged Particle
293 Kelvin Cross Sections

64-Gd-162



5

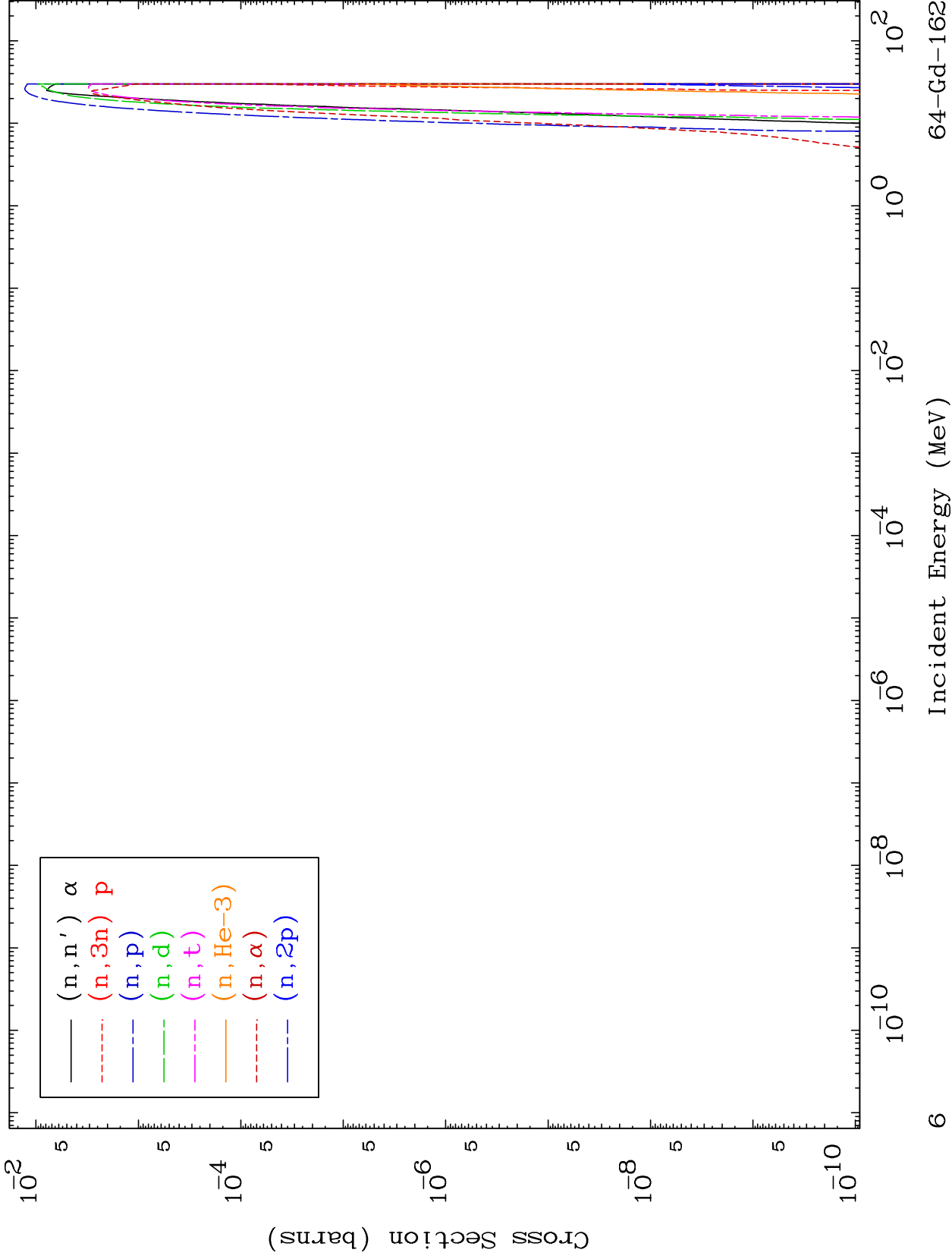
Incident Energy (MeV)

64-Gd-162

MAT 6455

Charged Particle
293 Kelvin Cross Sections

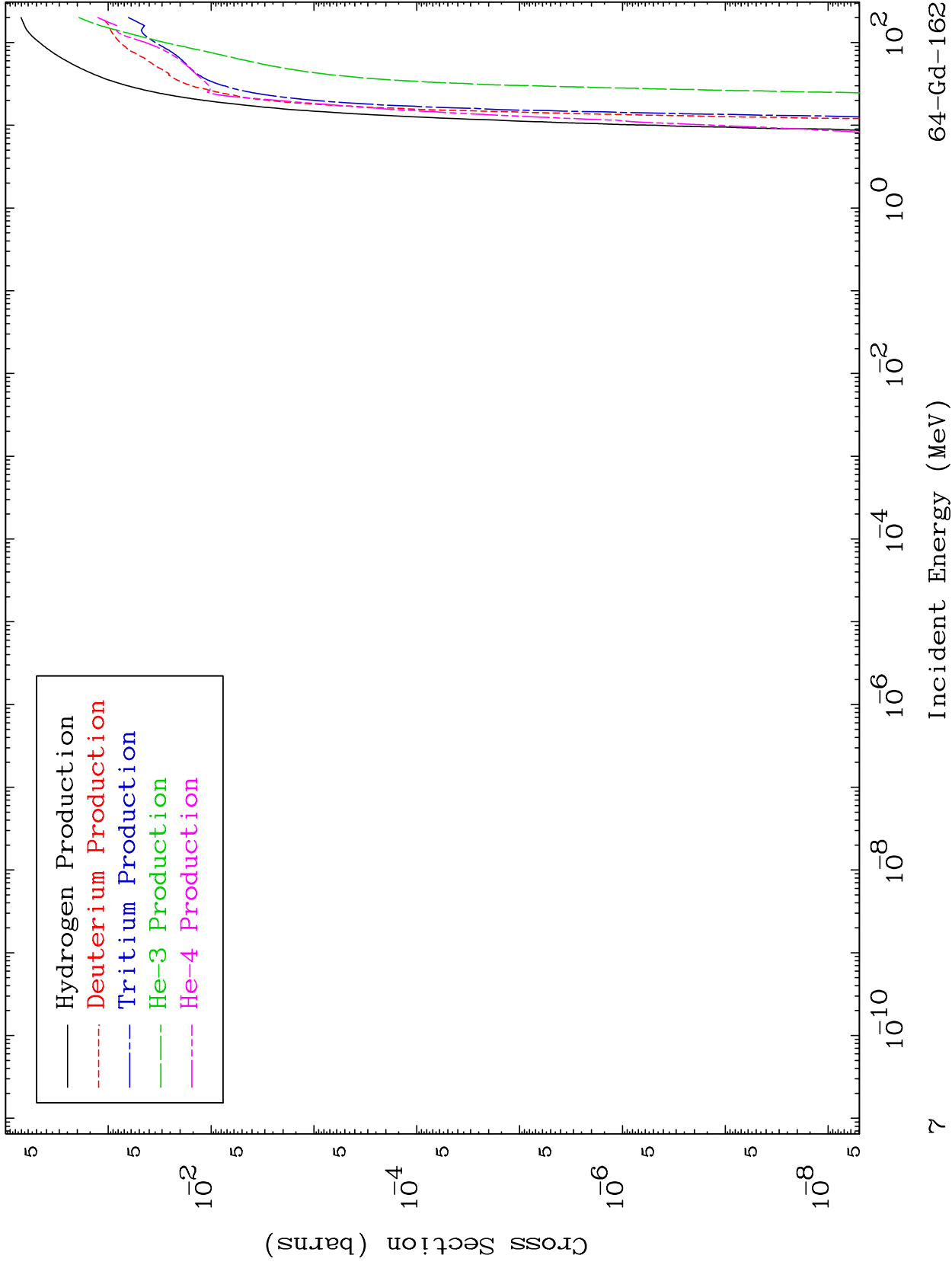
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MAT 6455

Particle Production
293 Kelvin Cross Sections

64-Gd-162

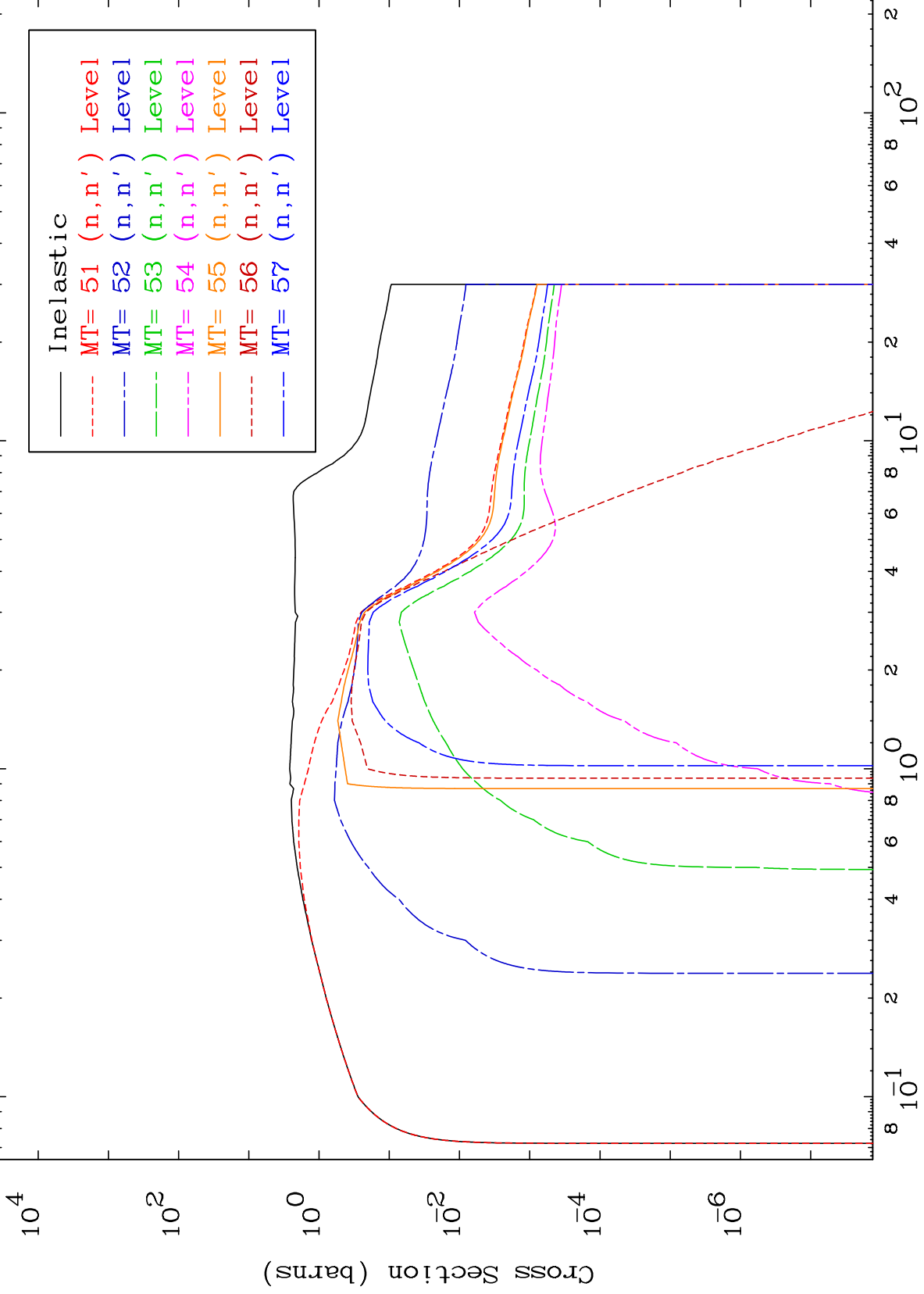


MAT 6455

(n,n') Levels

64-Gd-162

293 Kelvin Cross Sections



8

Incident Energy (MeV)

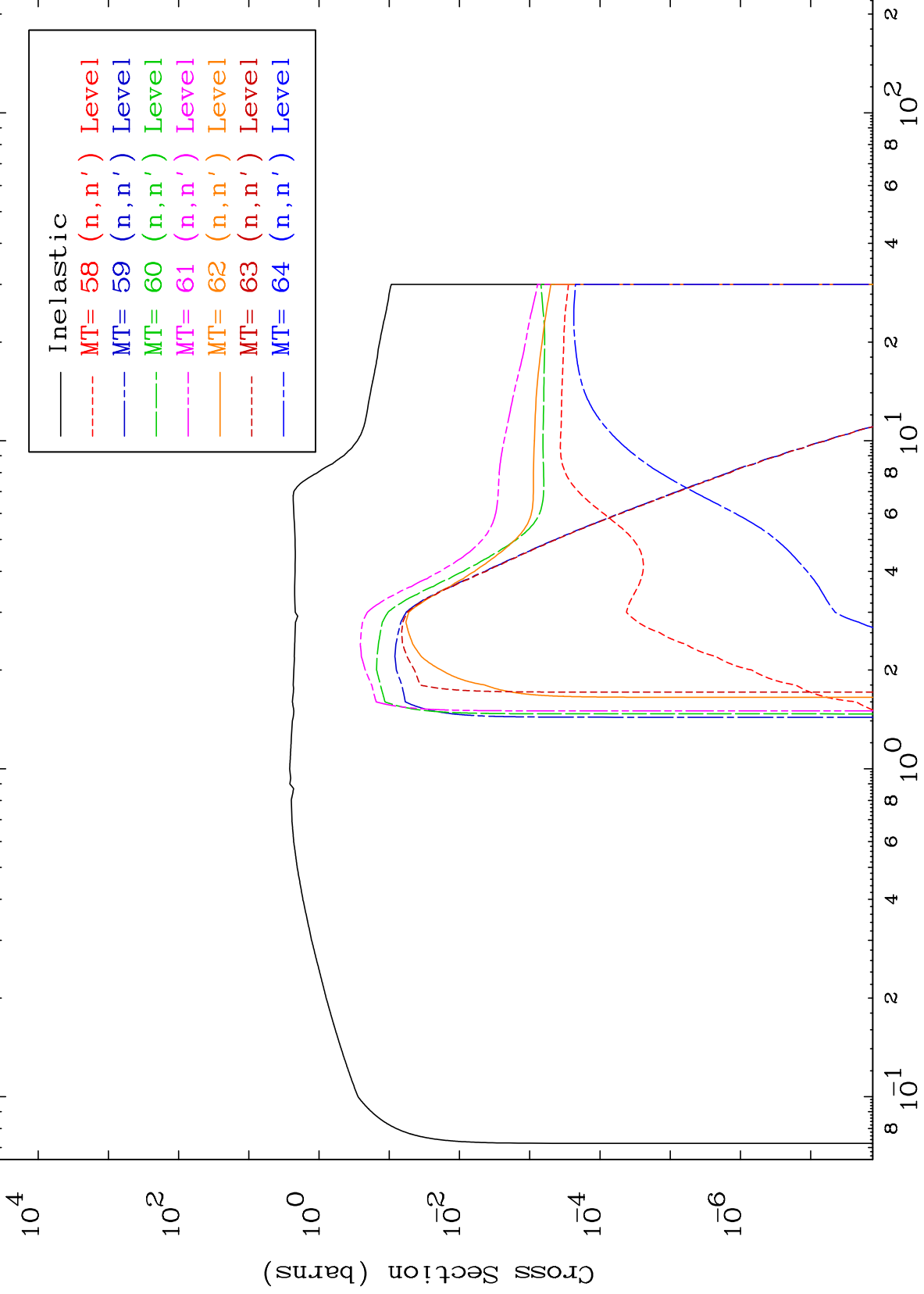
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MAT 6455

(n,n') Levels

64-Gd-162

293 Kelvin Cross Sections



9

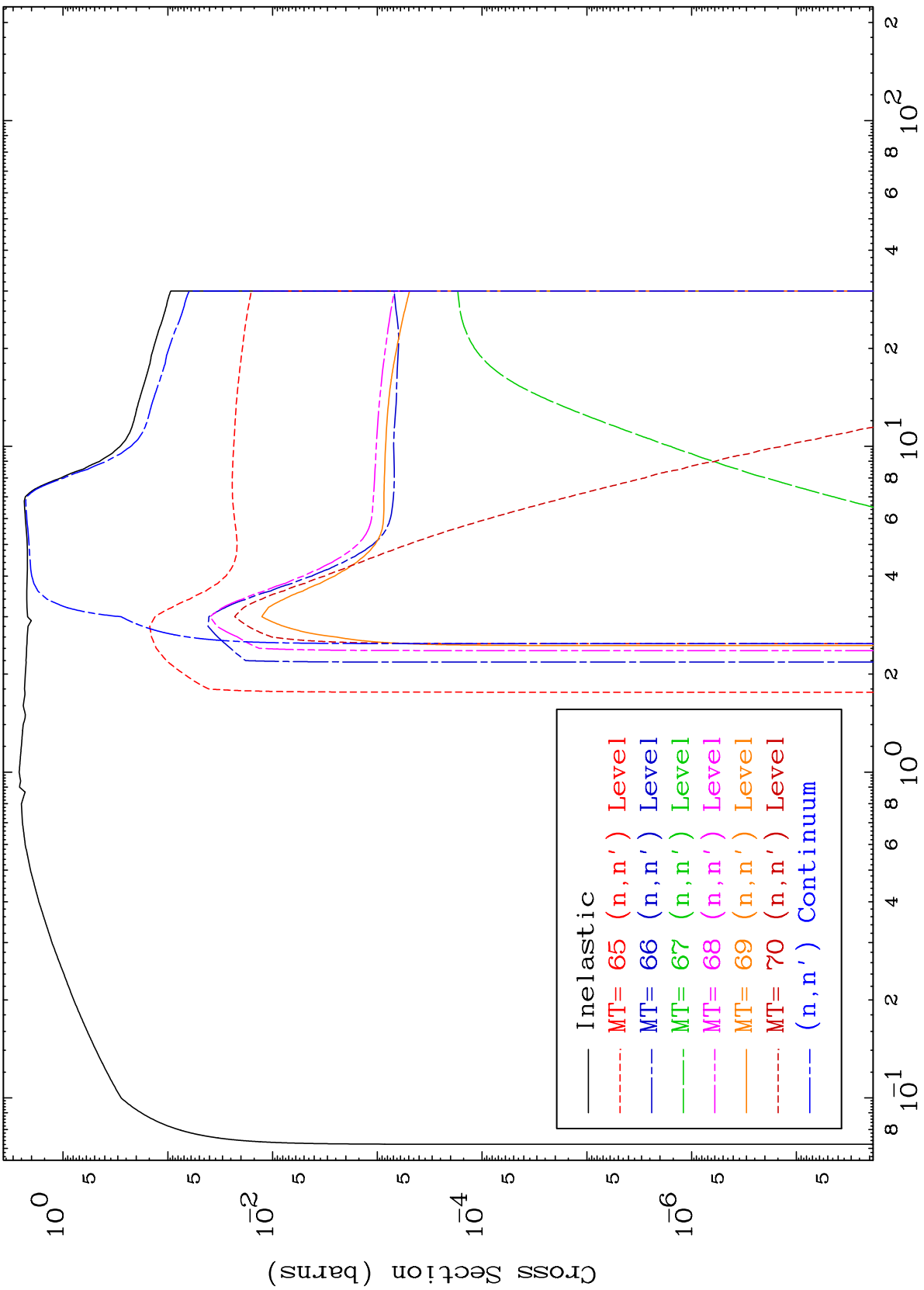
Incident Energy (MeV)

64-Gd-162

MAT 6455

64-Gd-162

(n,n') Levels
293 Kelvin Cross Sections



64-Gd-162

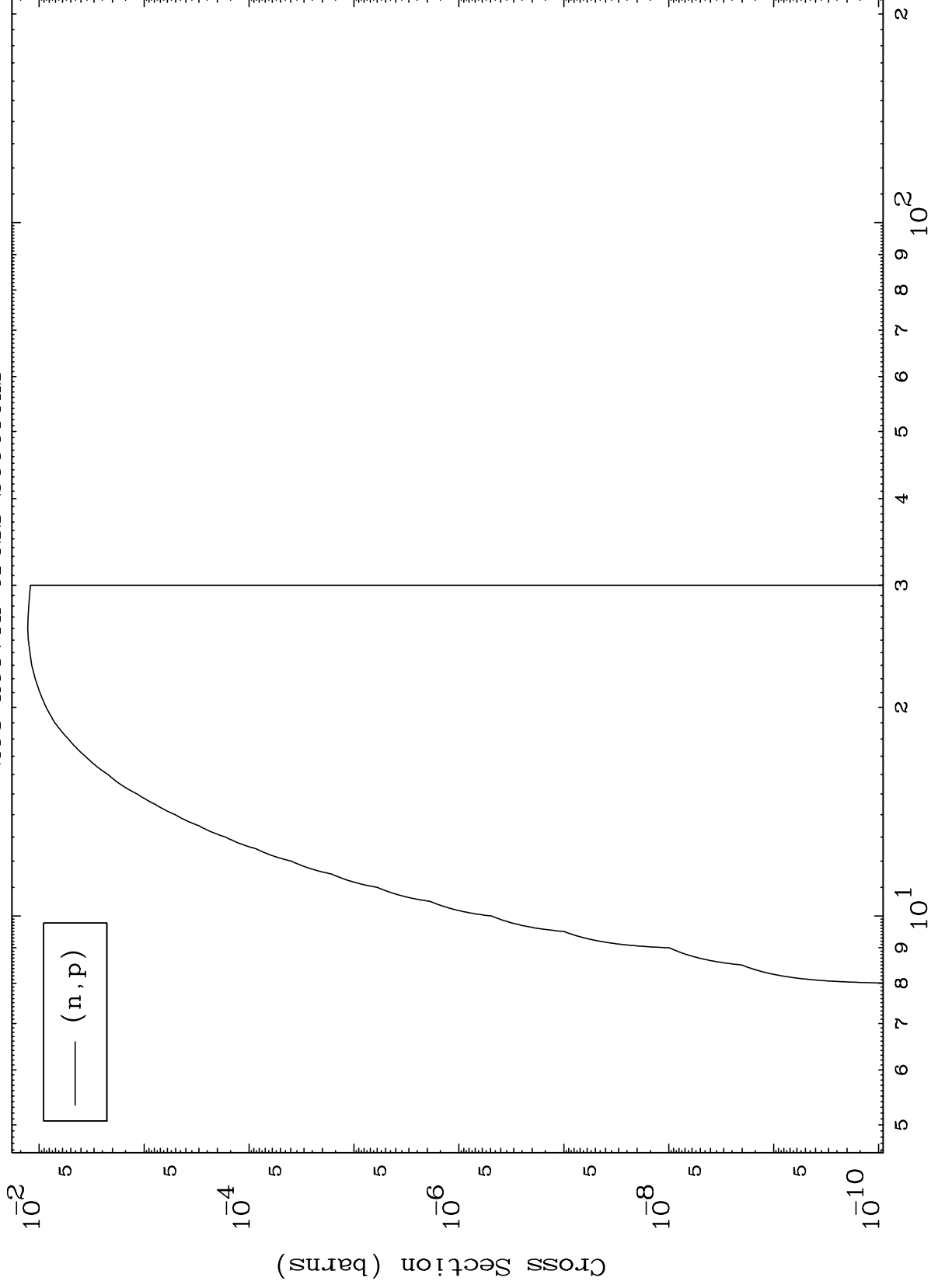
Incident Energy (MeV)

10

MAT 6455

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-162



11

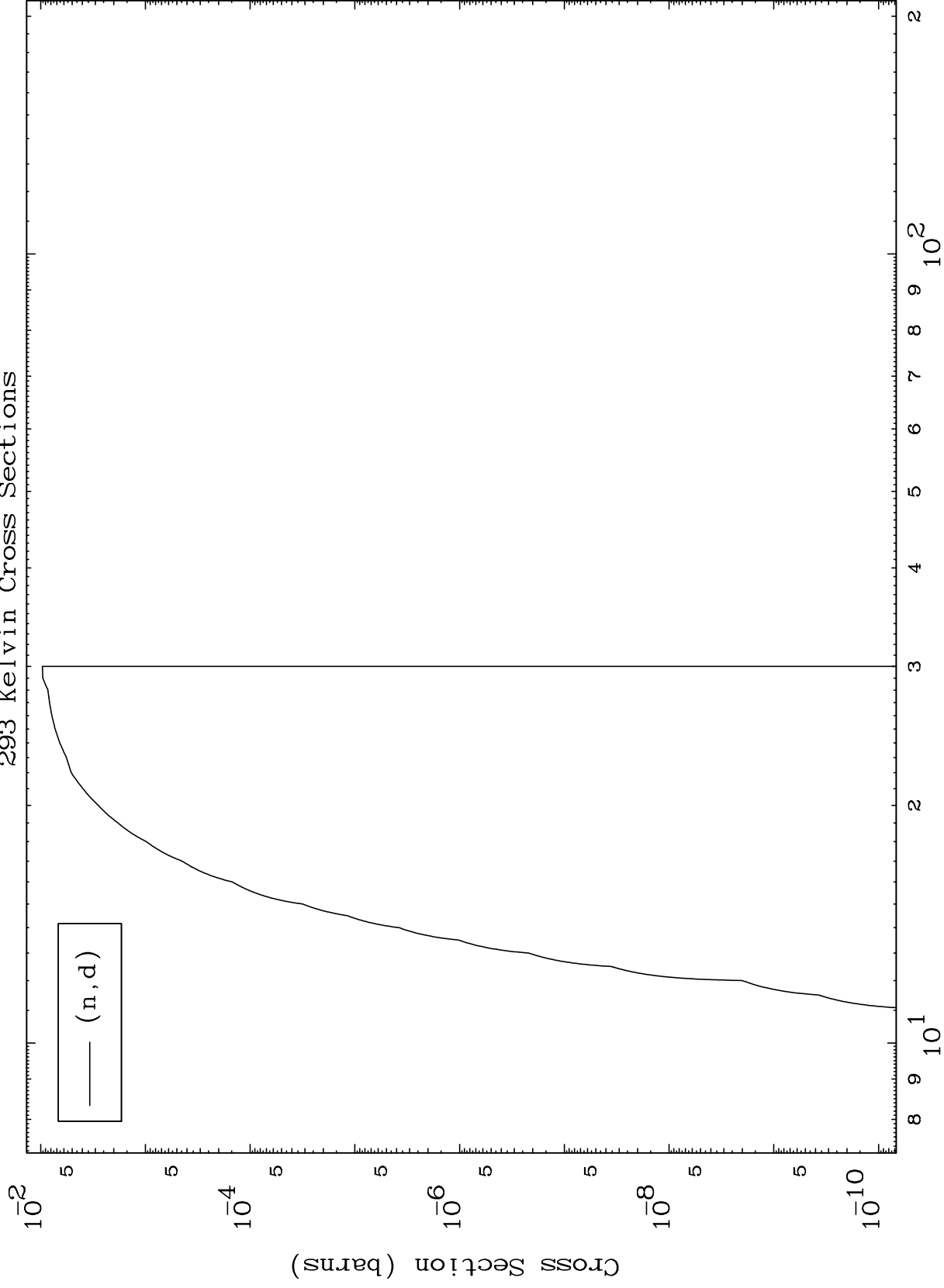
Incident Energy (MeV)

64-Gd-162

MAT 6455

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-162



12

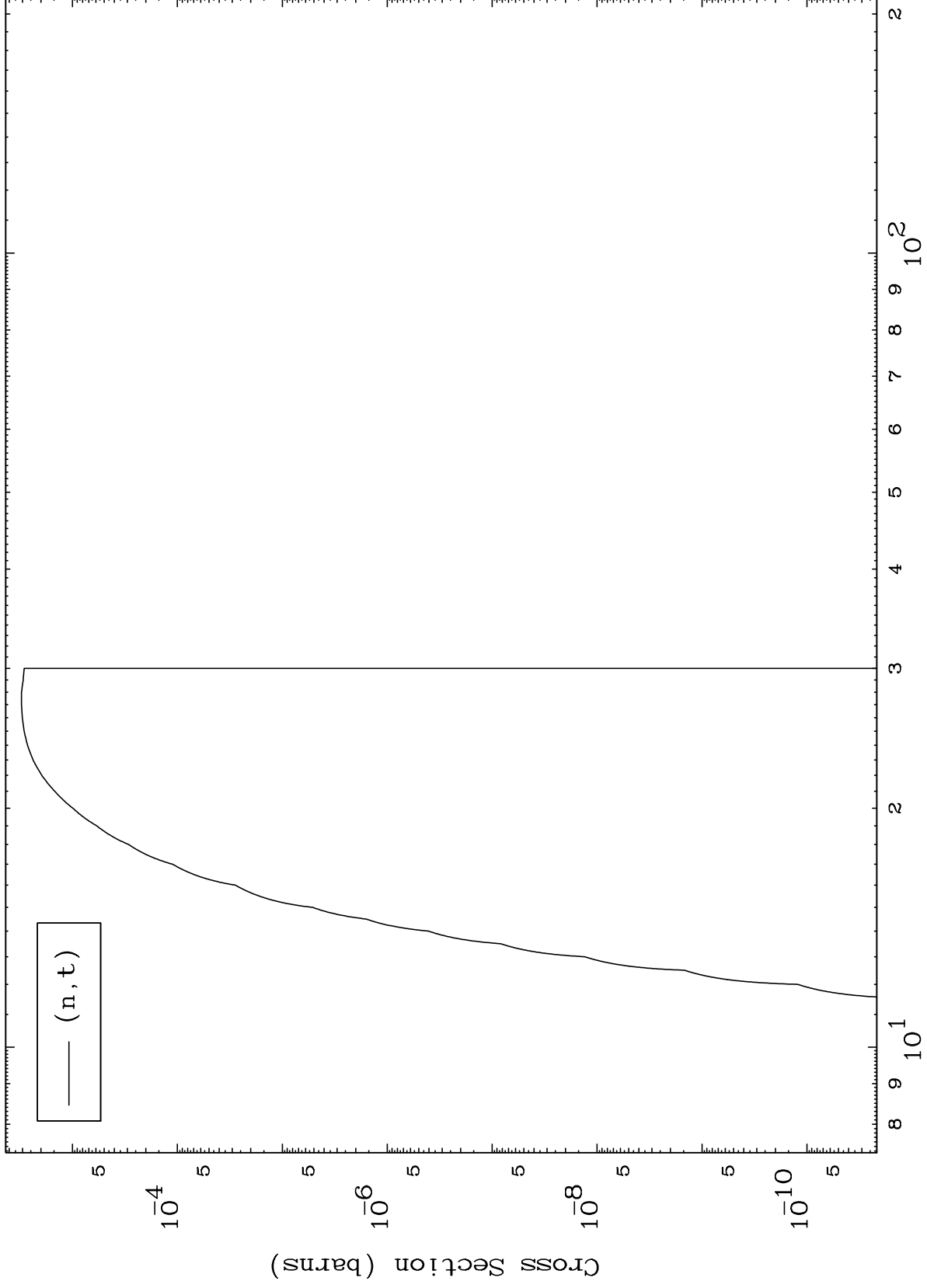
Incident Energy (MeV)

64-Gd-162

MAT 6455

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-162



13

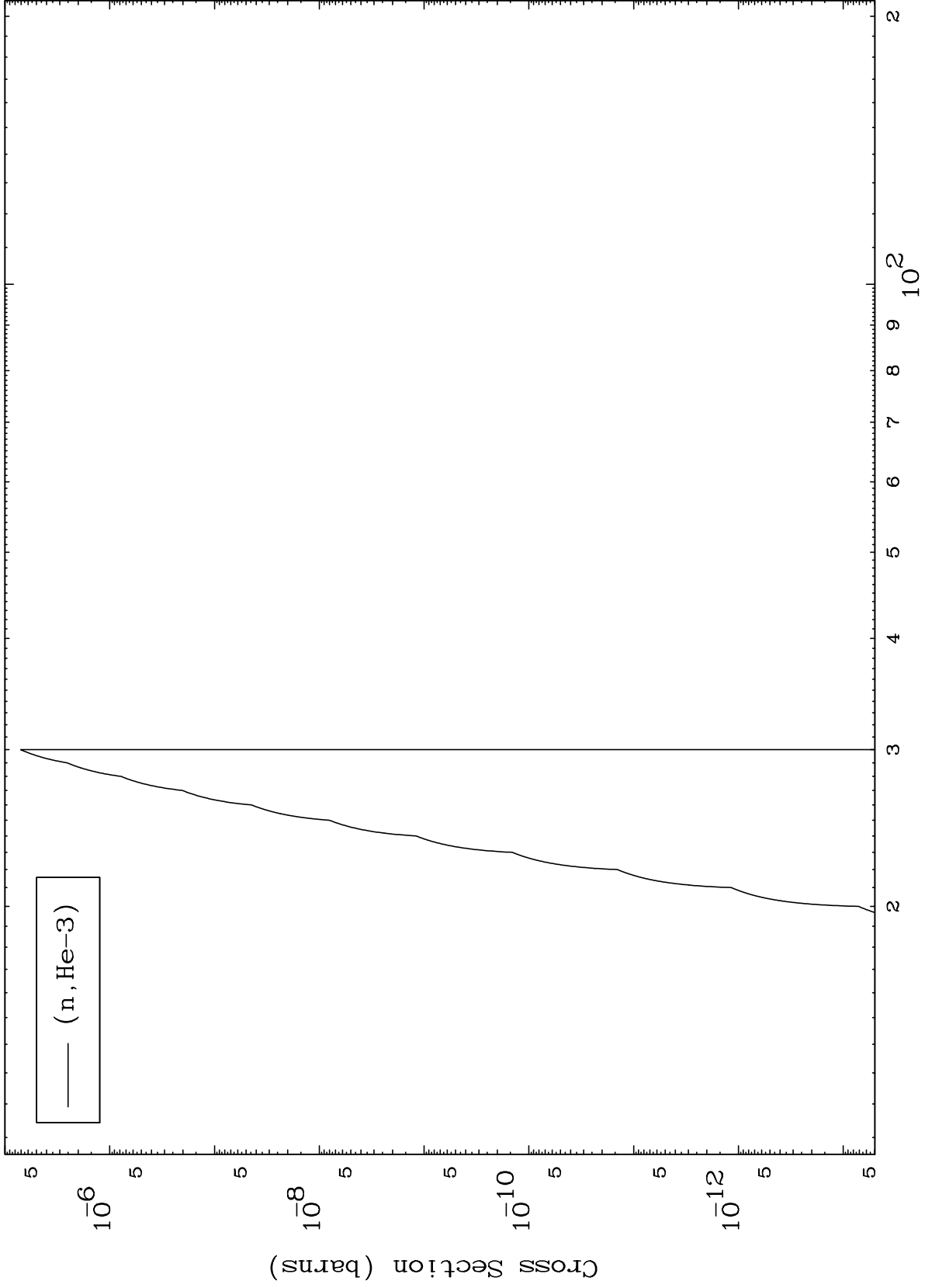
Incident Energy (MeV)

64-Gd-162

MAT 6455

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-162



14

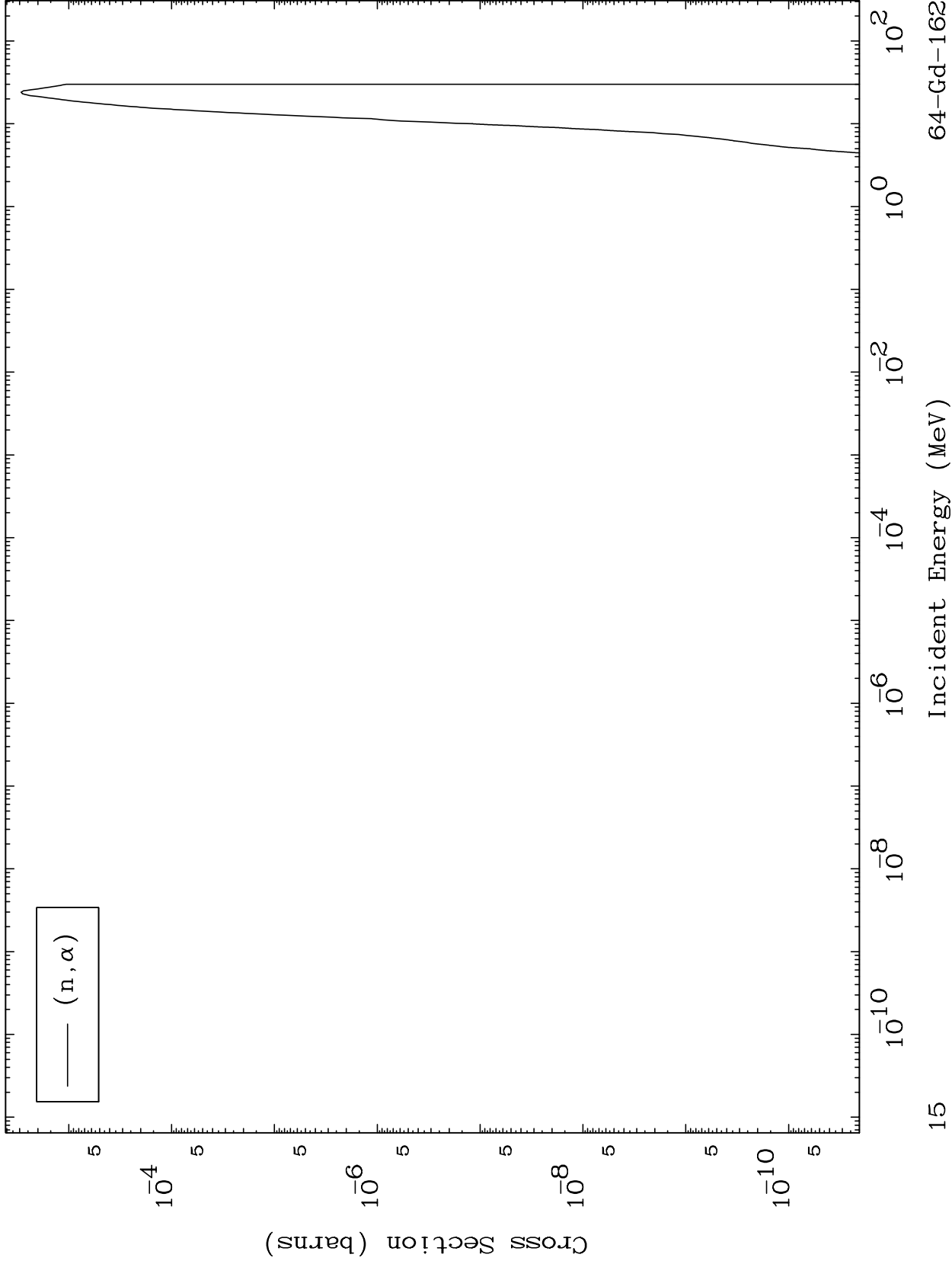
Incident Energy (MeV)

64-Gd-162

MAT 6455

(n, α) Levels
293 Kelvin Cross Sections

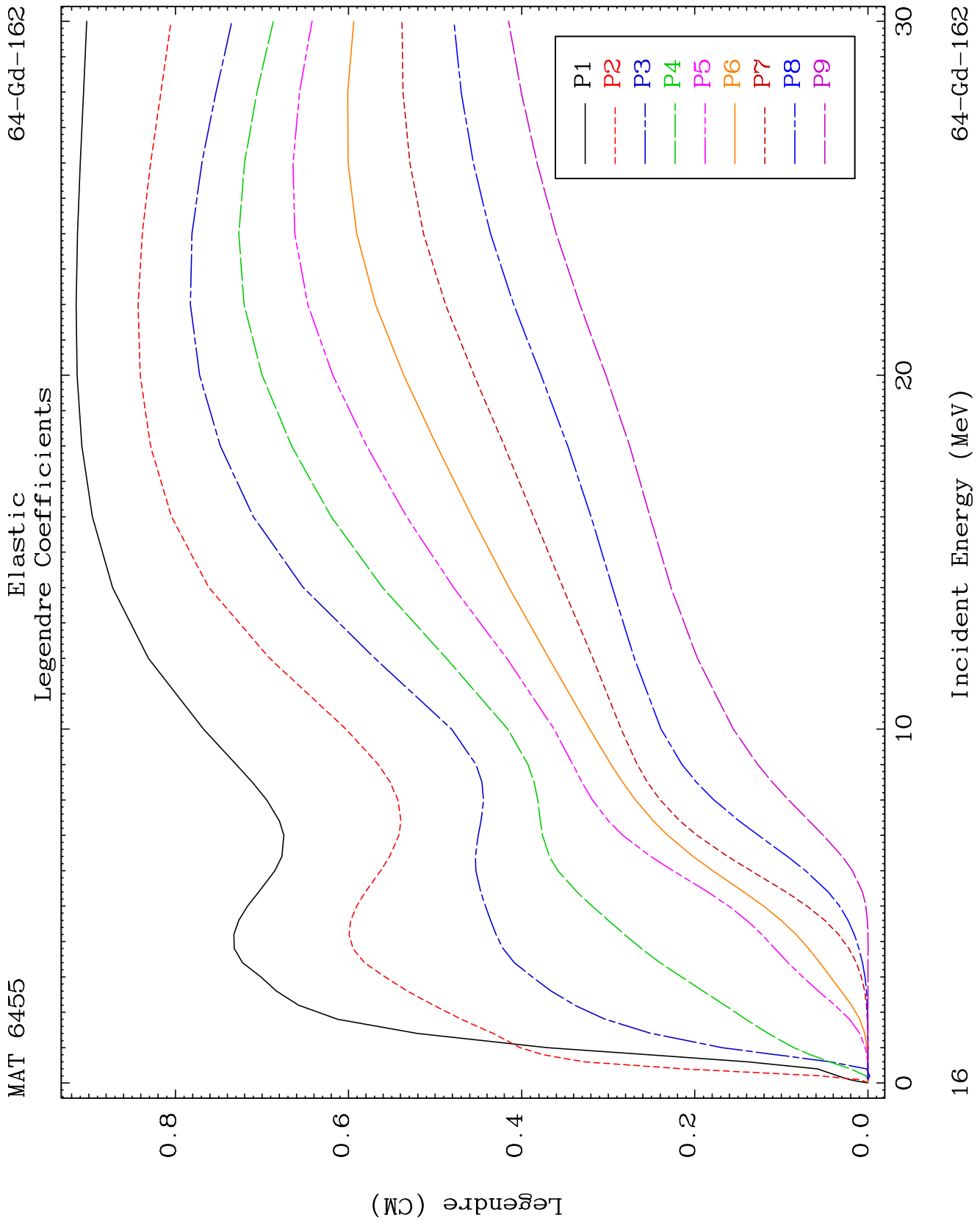
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15

Incident Energy (MeV)

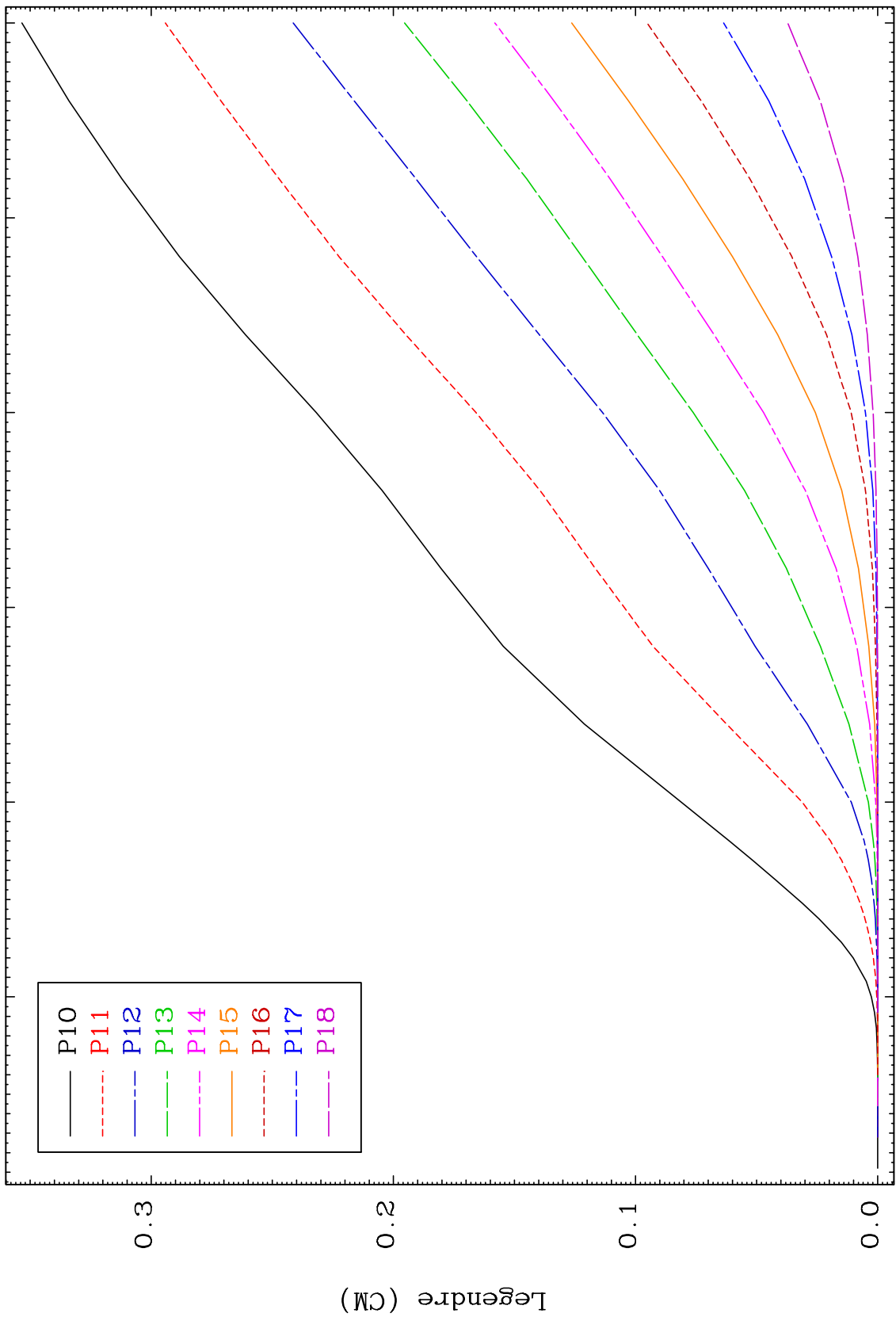
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MAT 6455

Elastic Legendre Coefficients

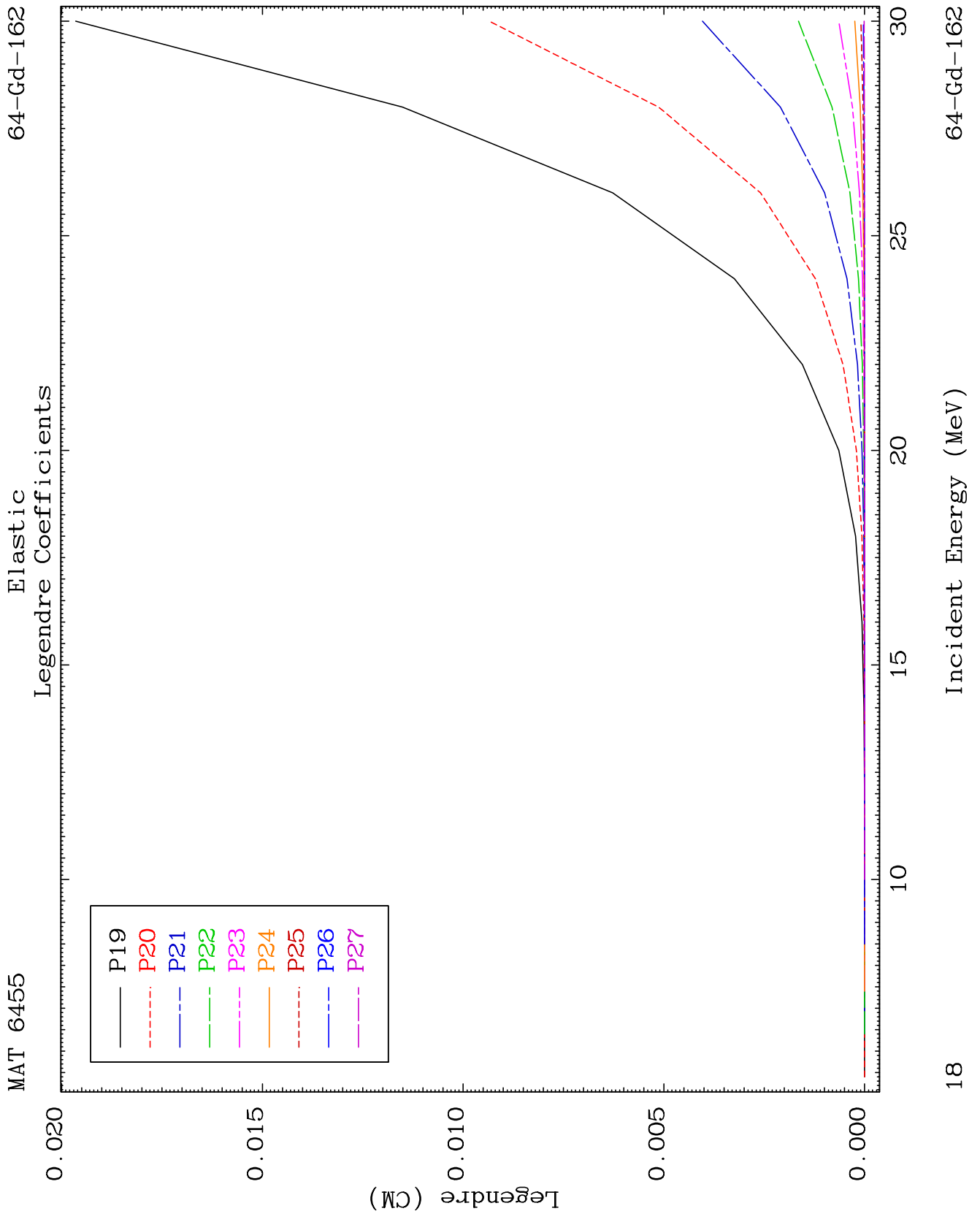
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17

Incident Energy (MeV)

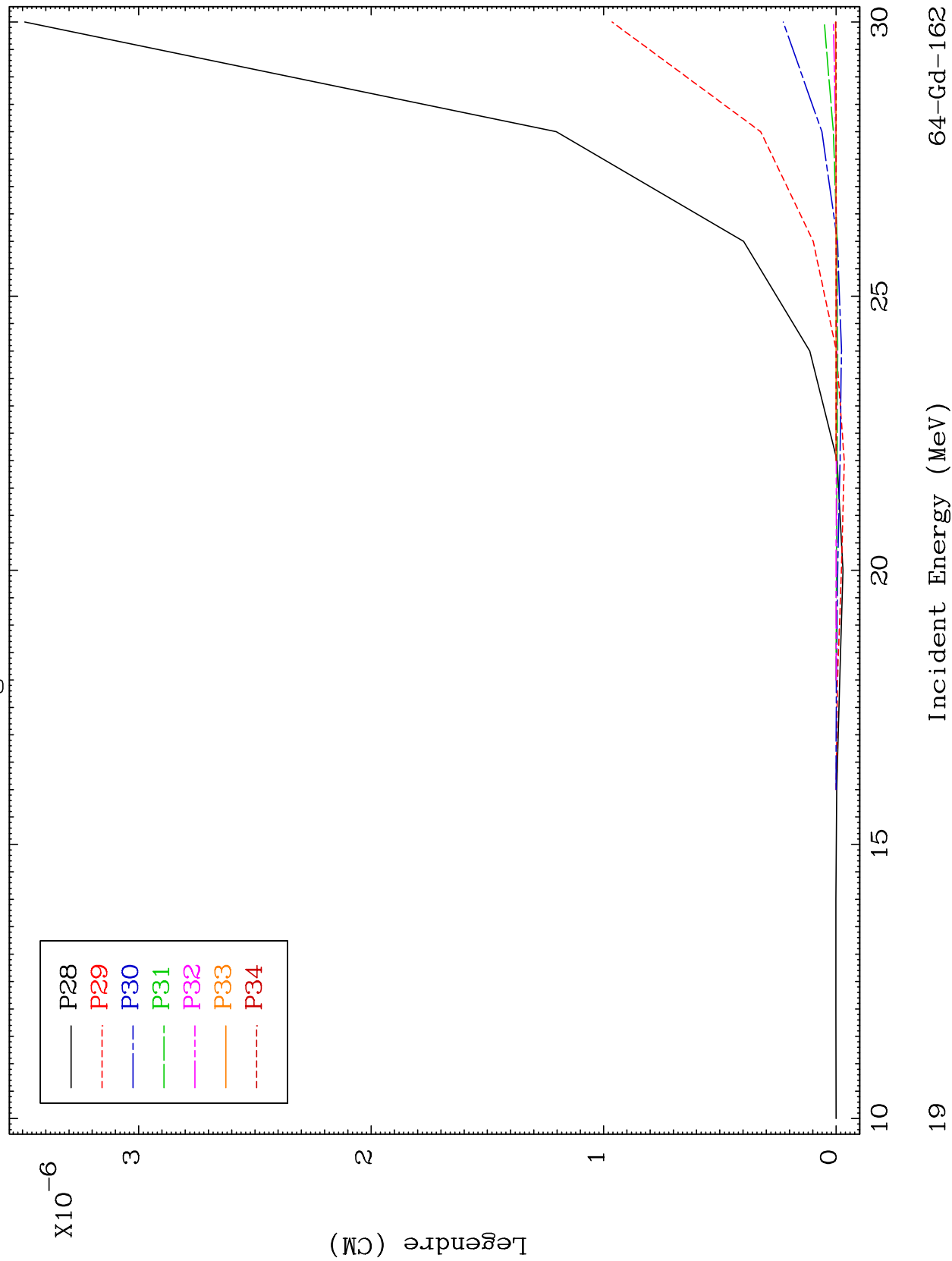
64-Gd-162



MAT 6455

Elastic Legendre Coefficients

64-Gd-162



19

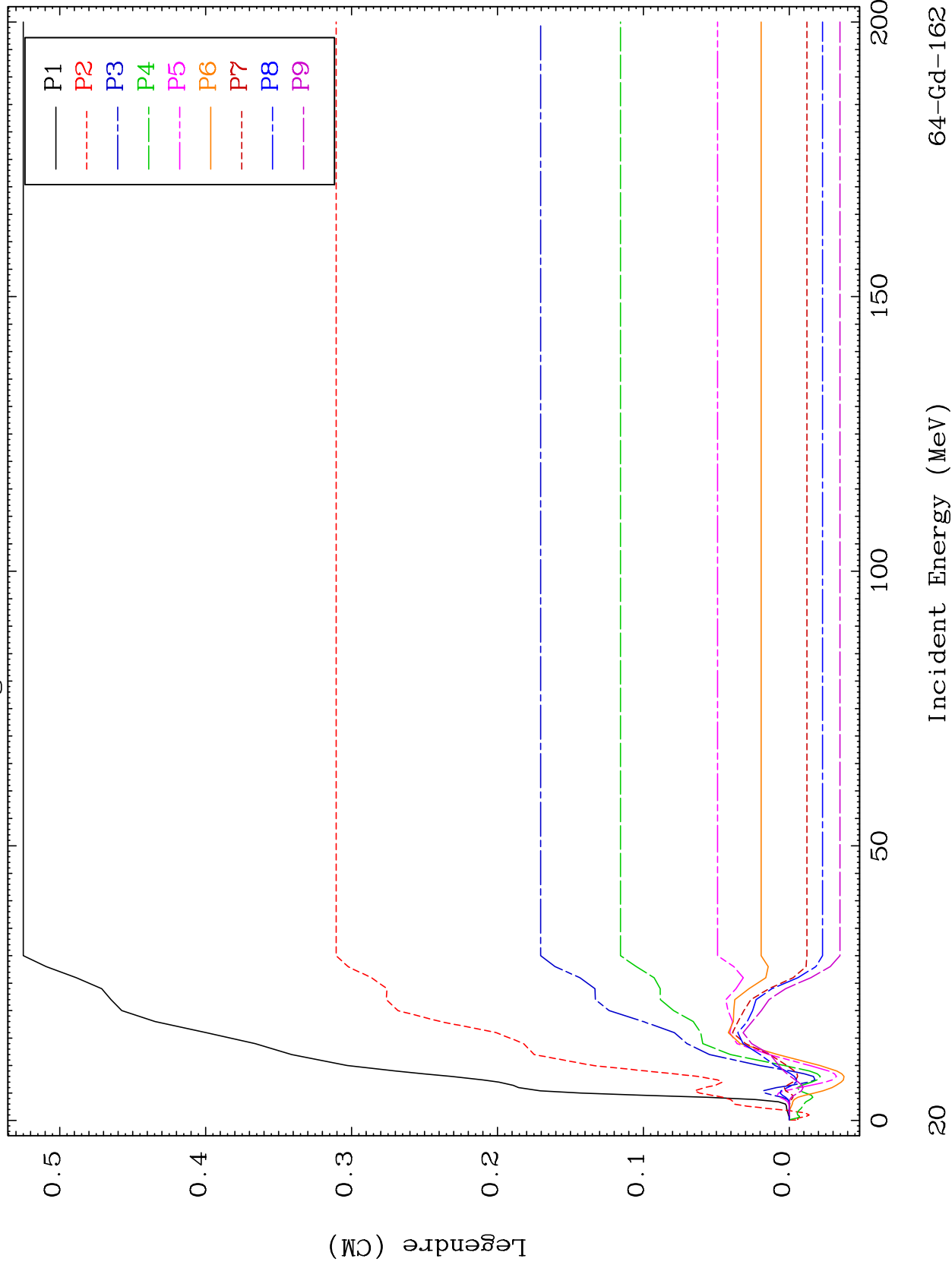
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

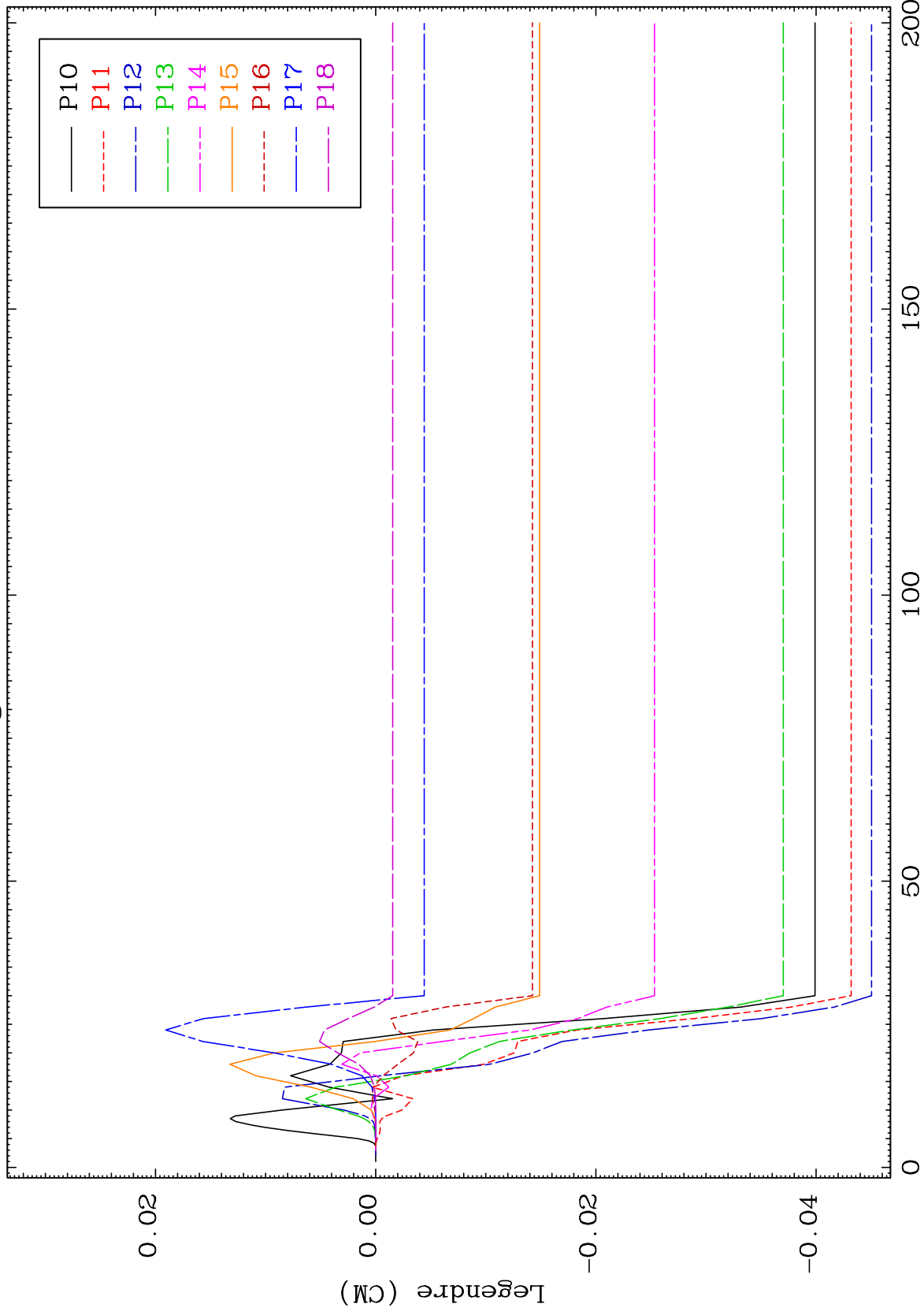
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MAT 6455

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

64-Gd-162



21

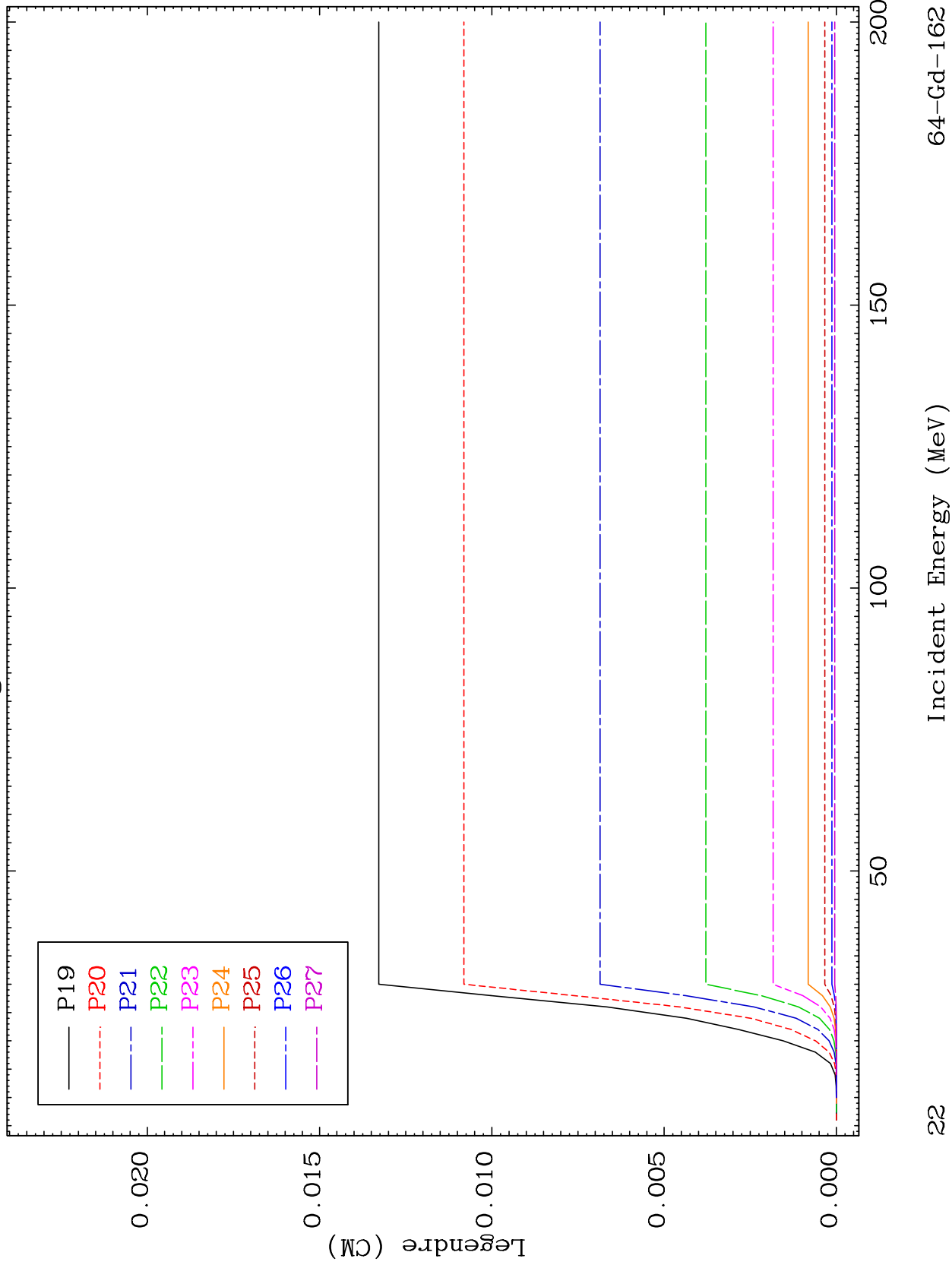
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162

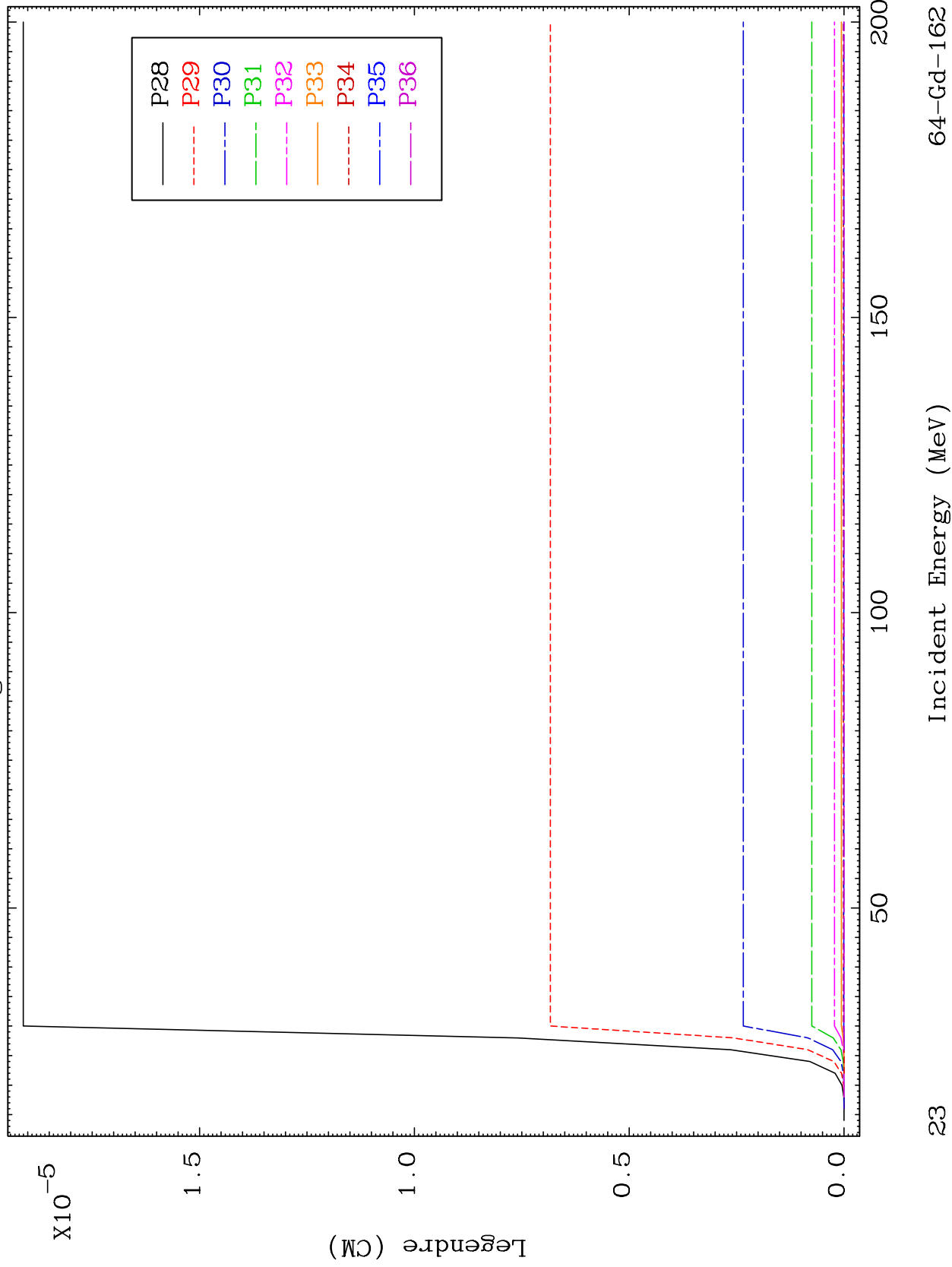


22

MAT 6455

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

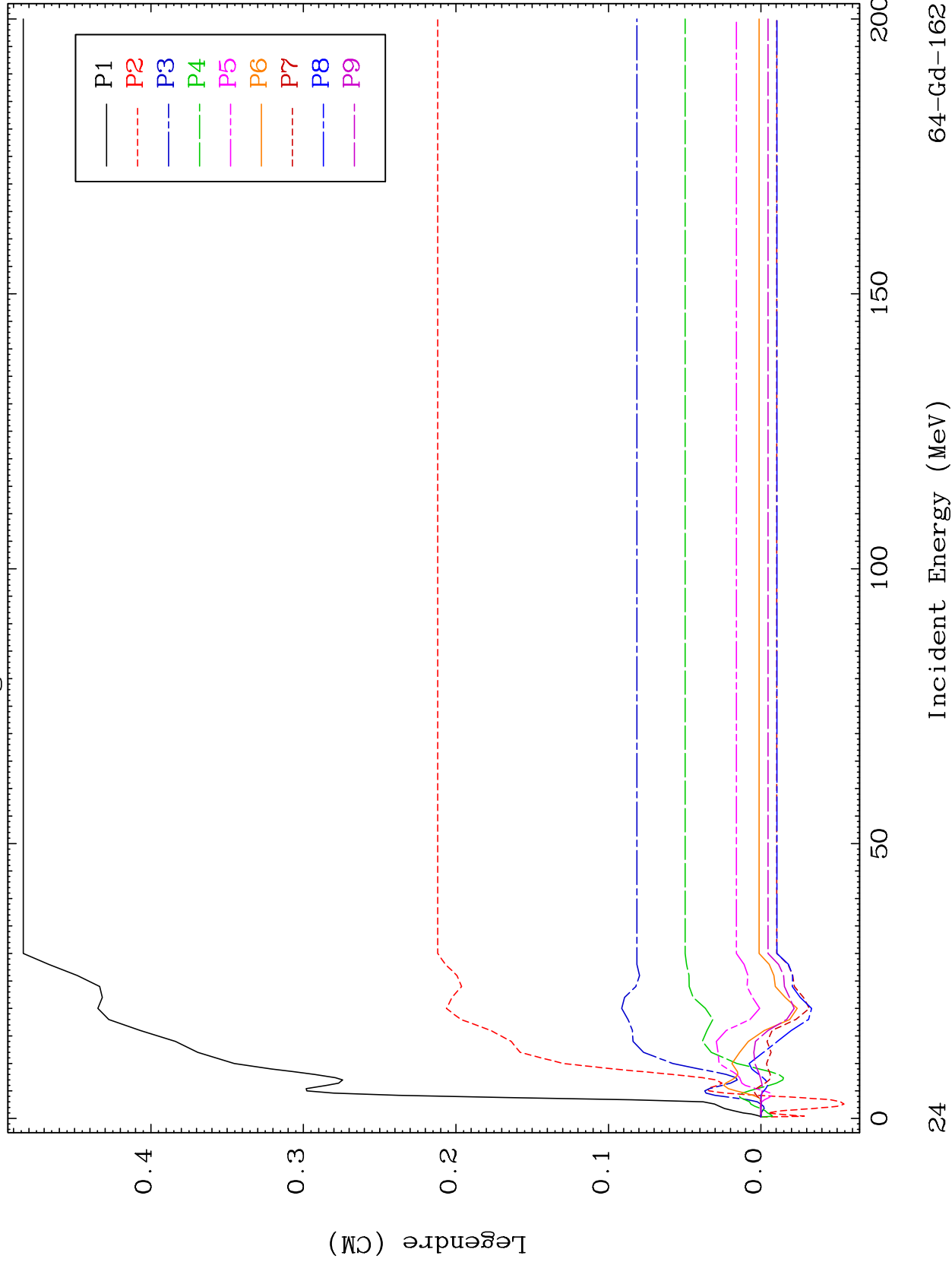
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MAT 6455

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

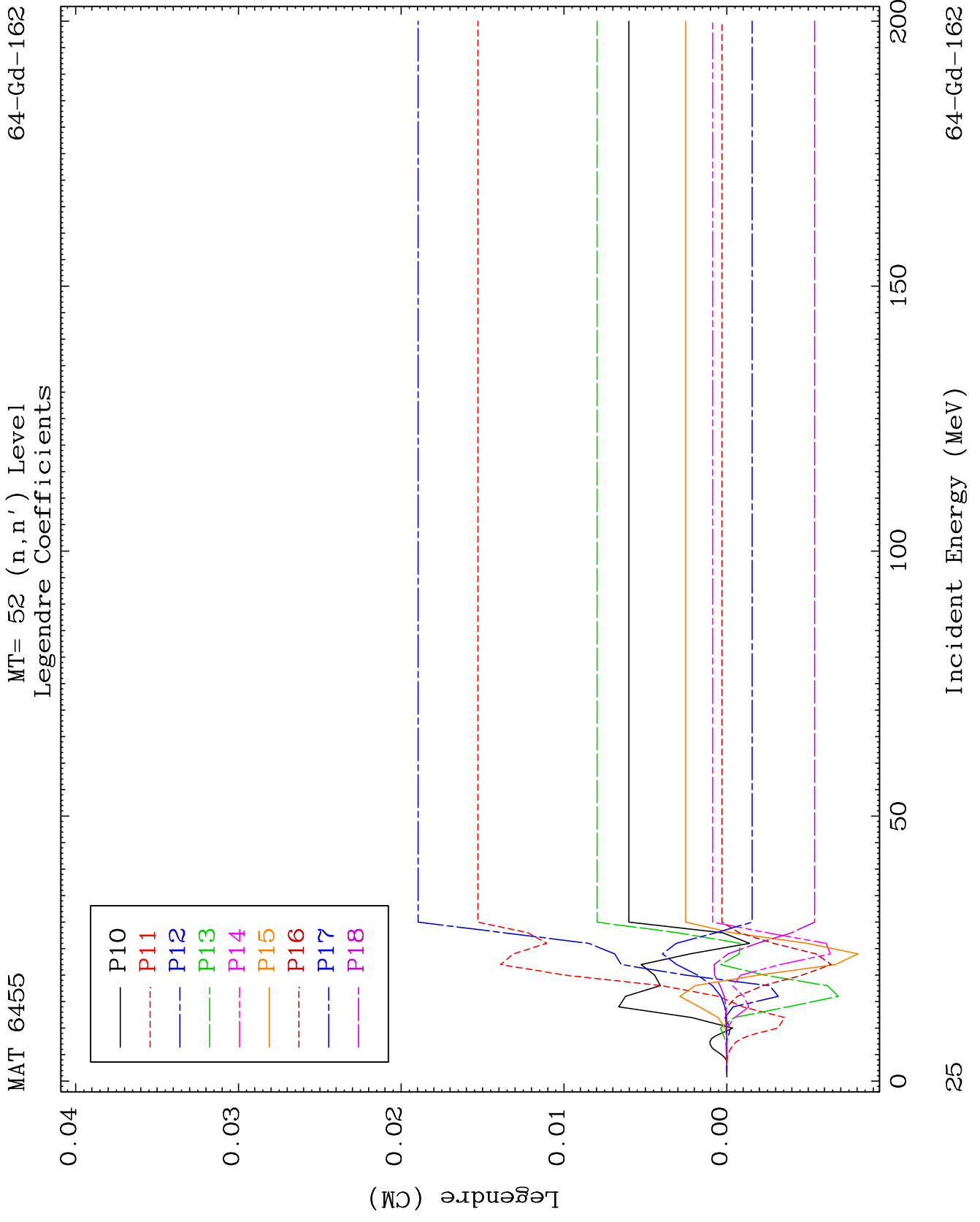
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64-Gd-162

Incident Energy (MeV)

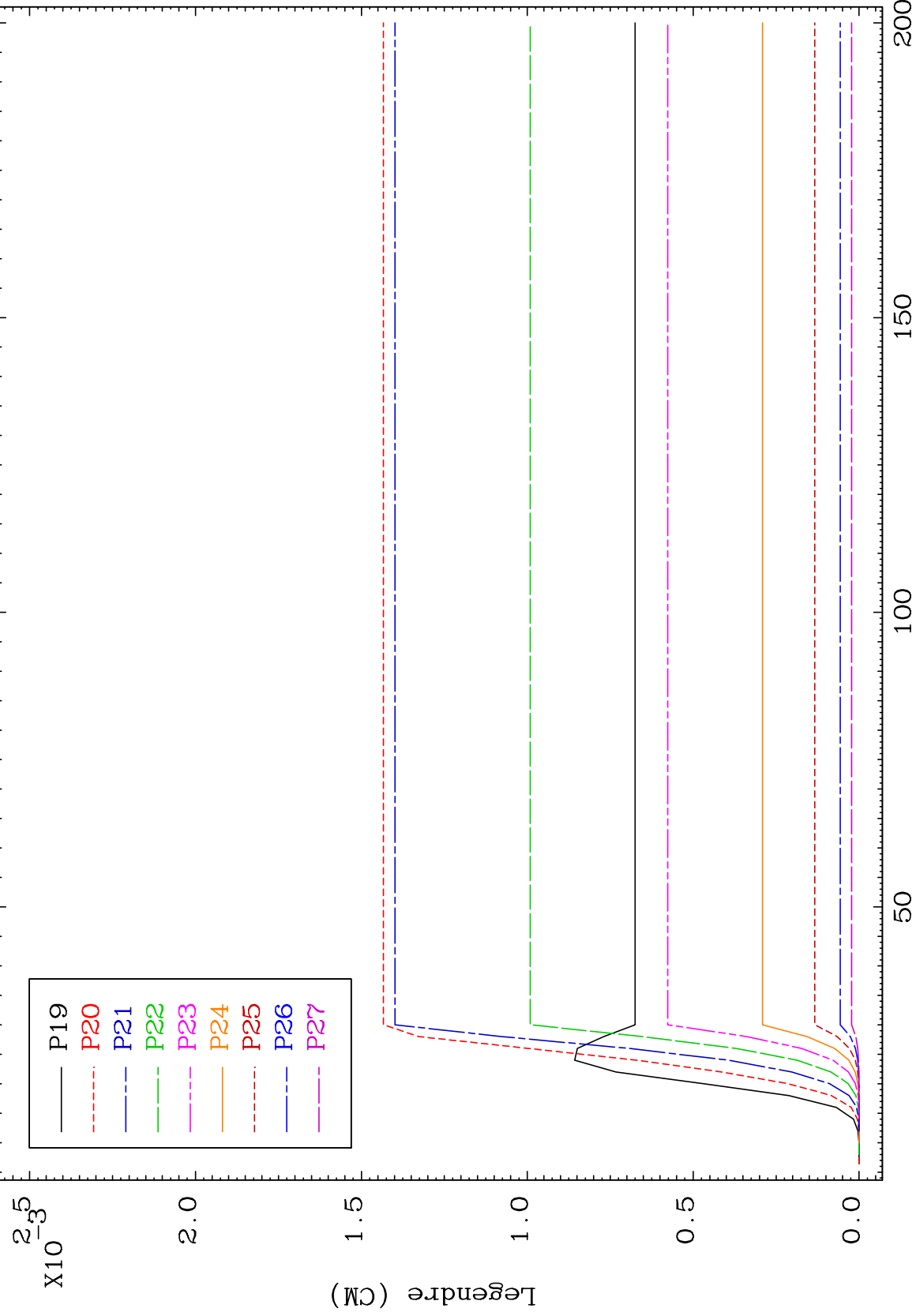
24



MAT 6455

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

64-Gd-162



26

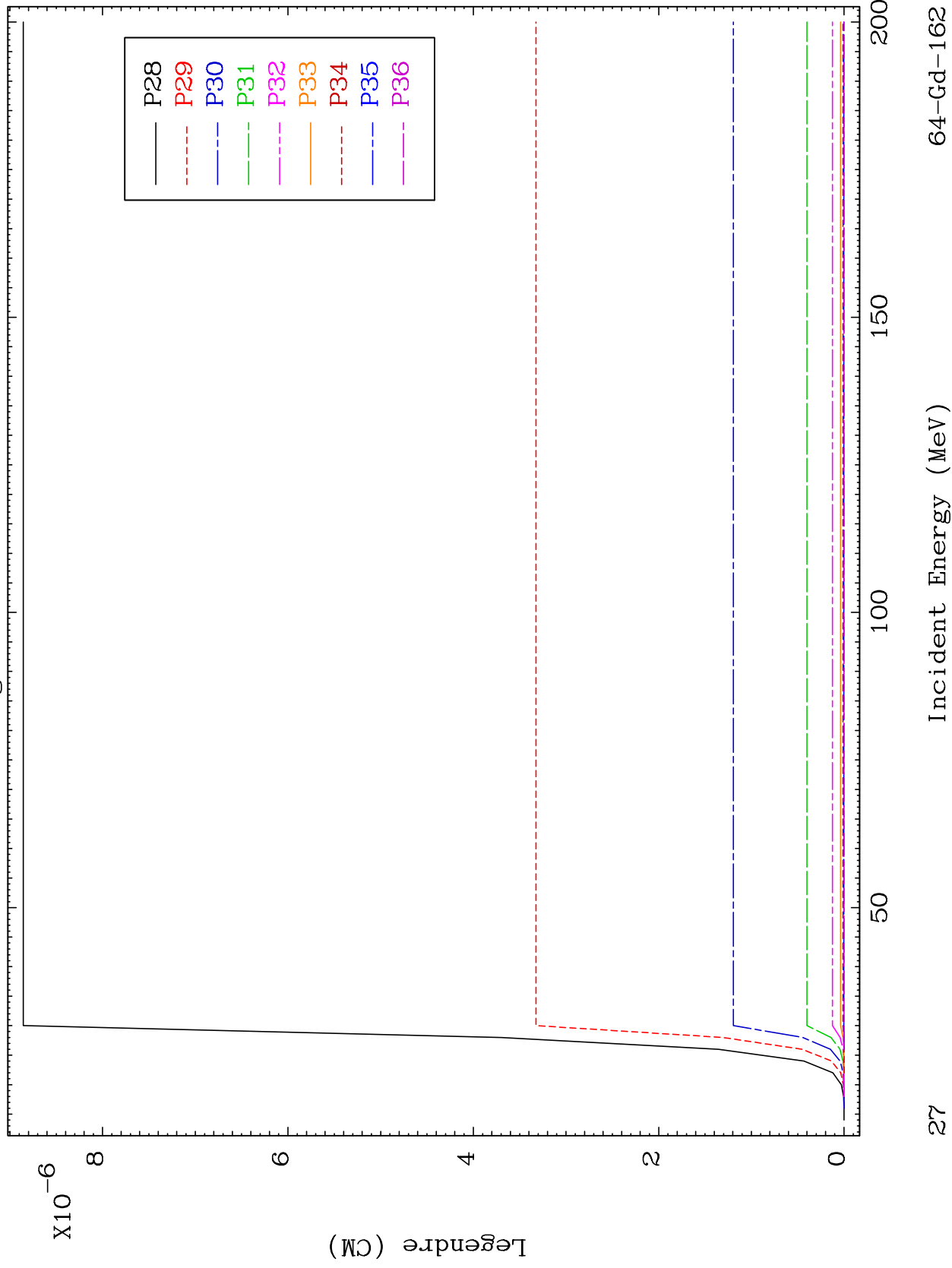
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



27

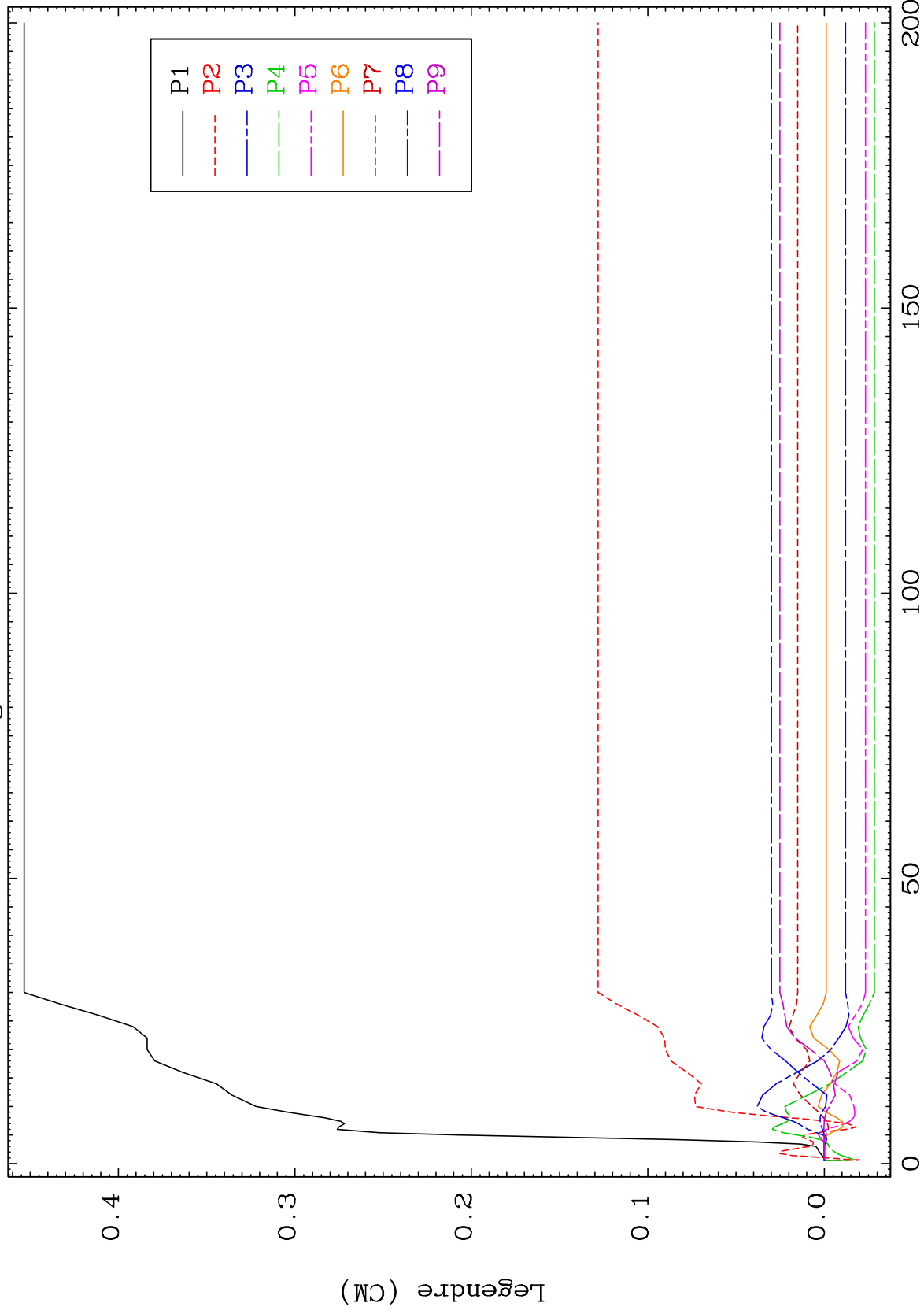
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



28

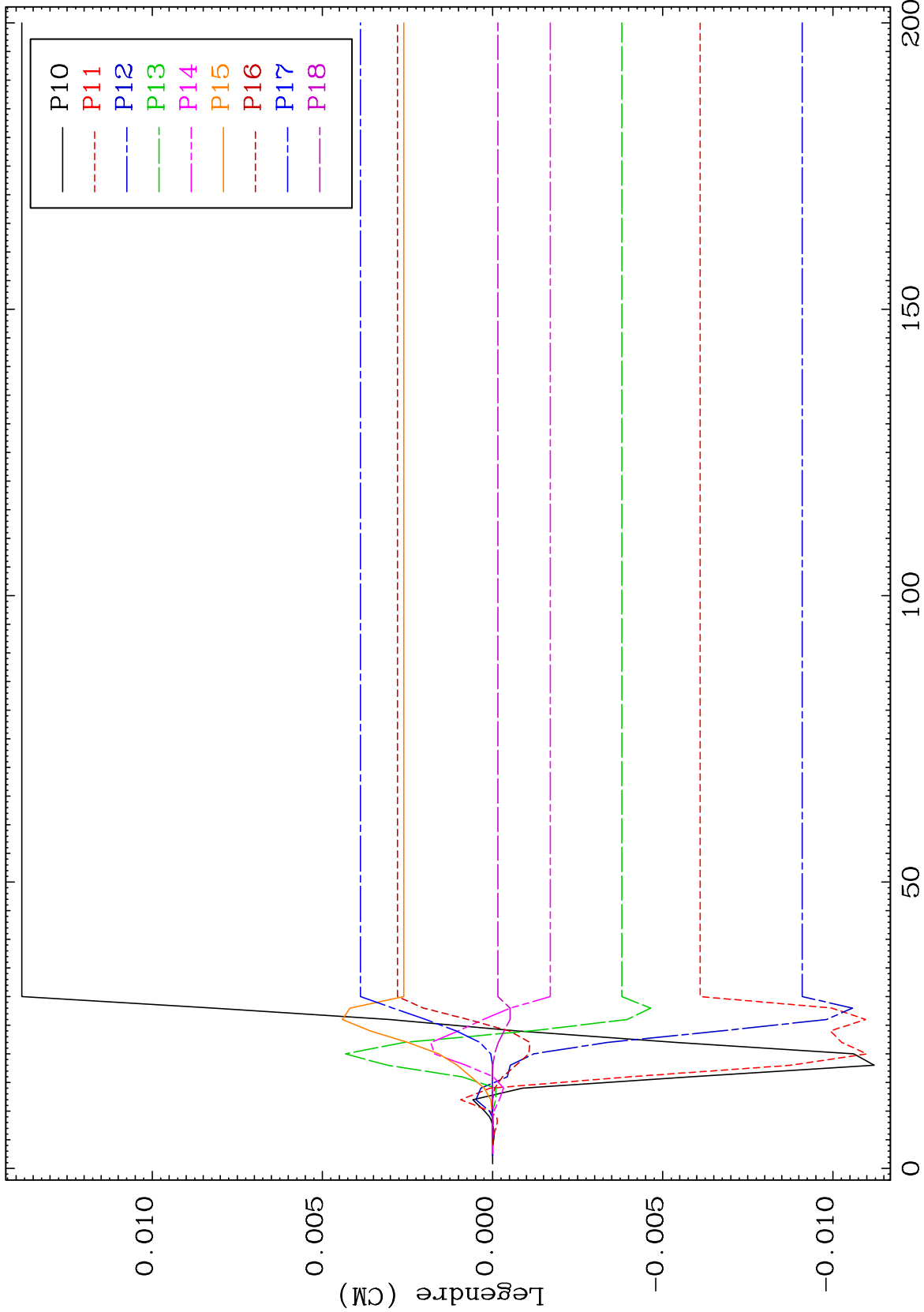
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

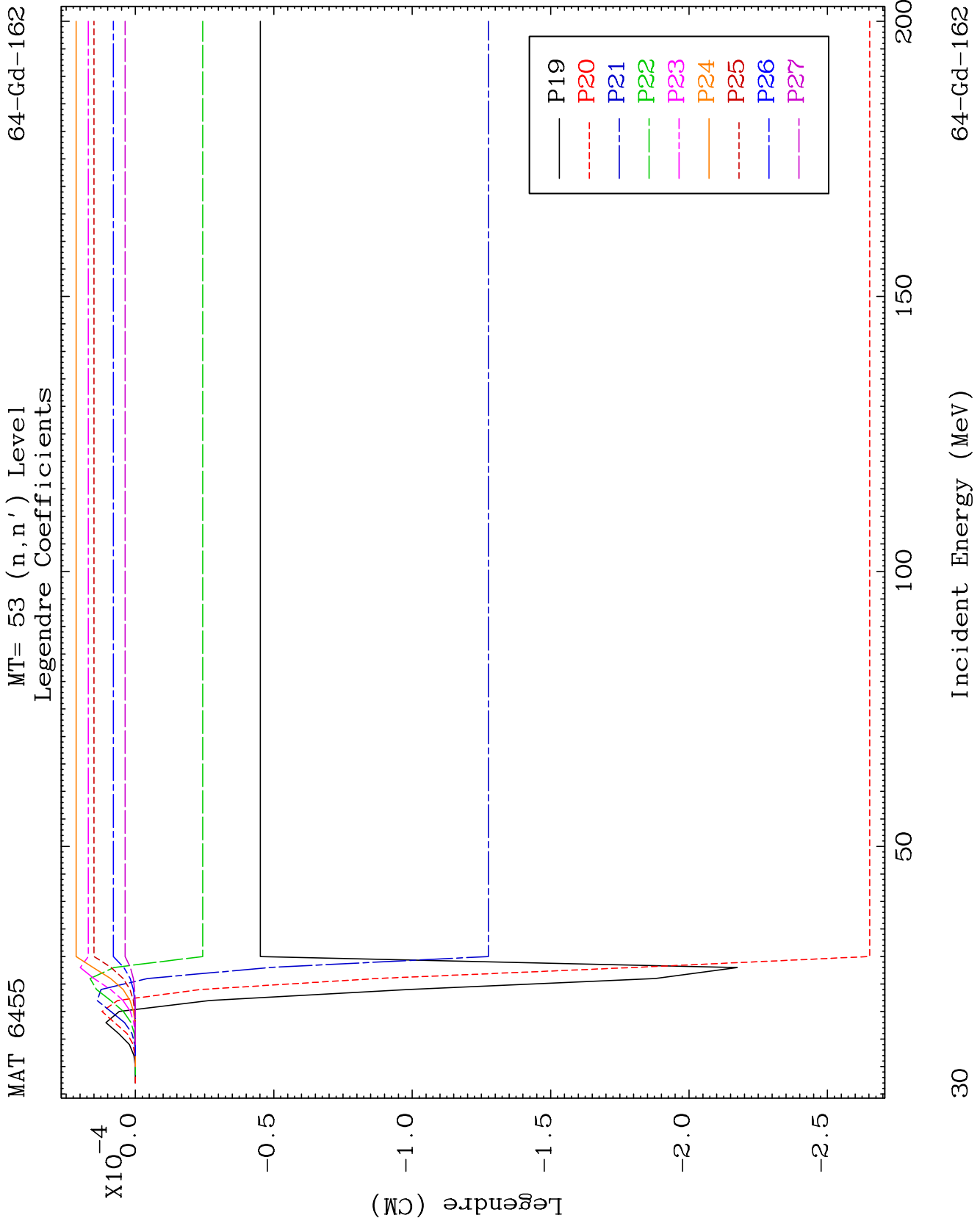
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29

Incident Energy (MeV)

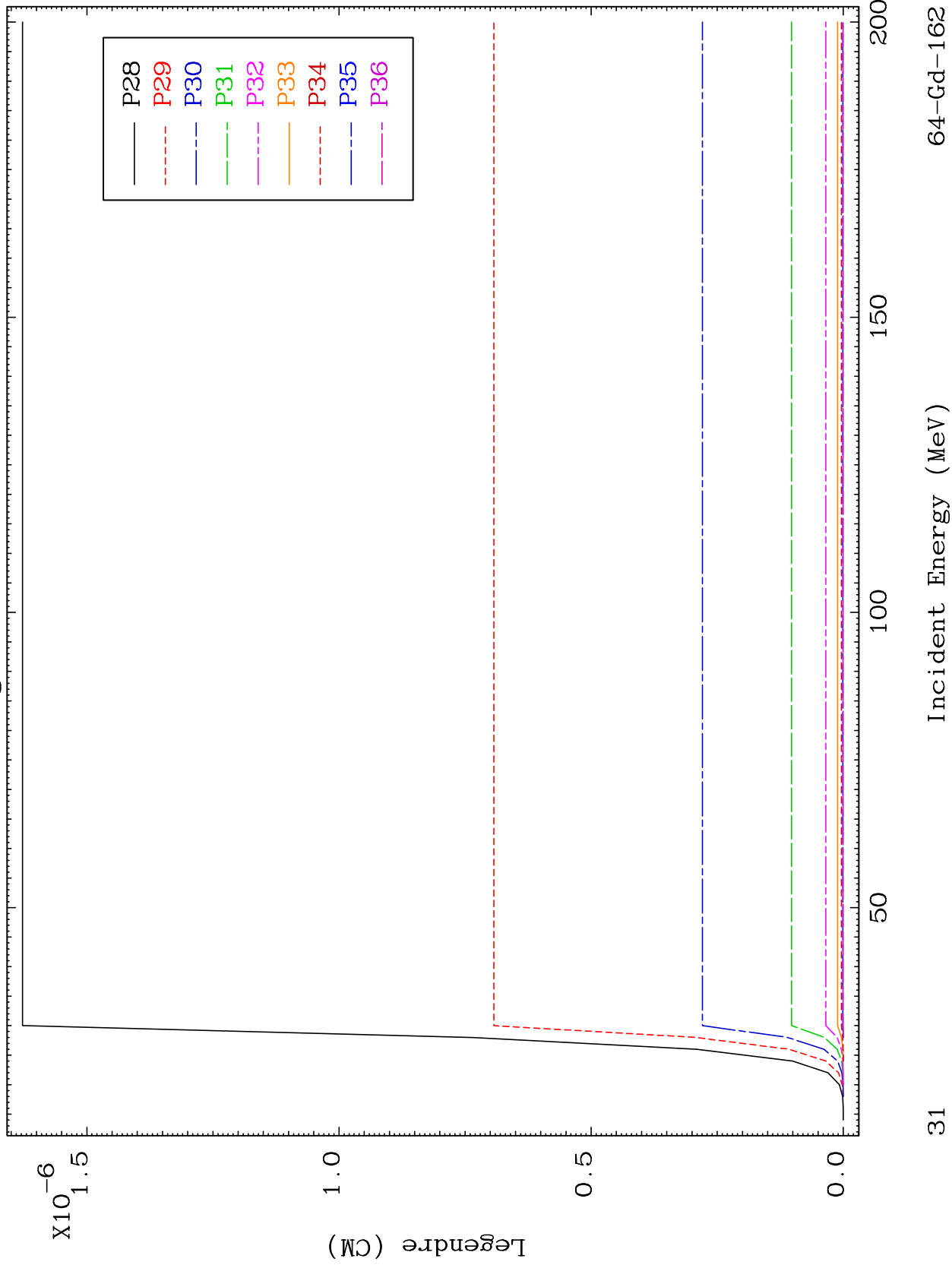
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MAT 6455

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

64-Gd-162

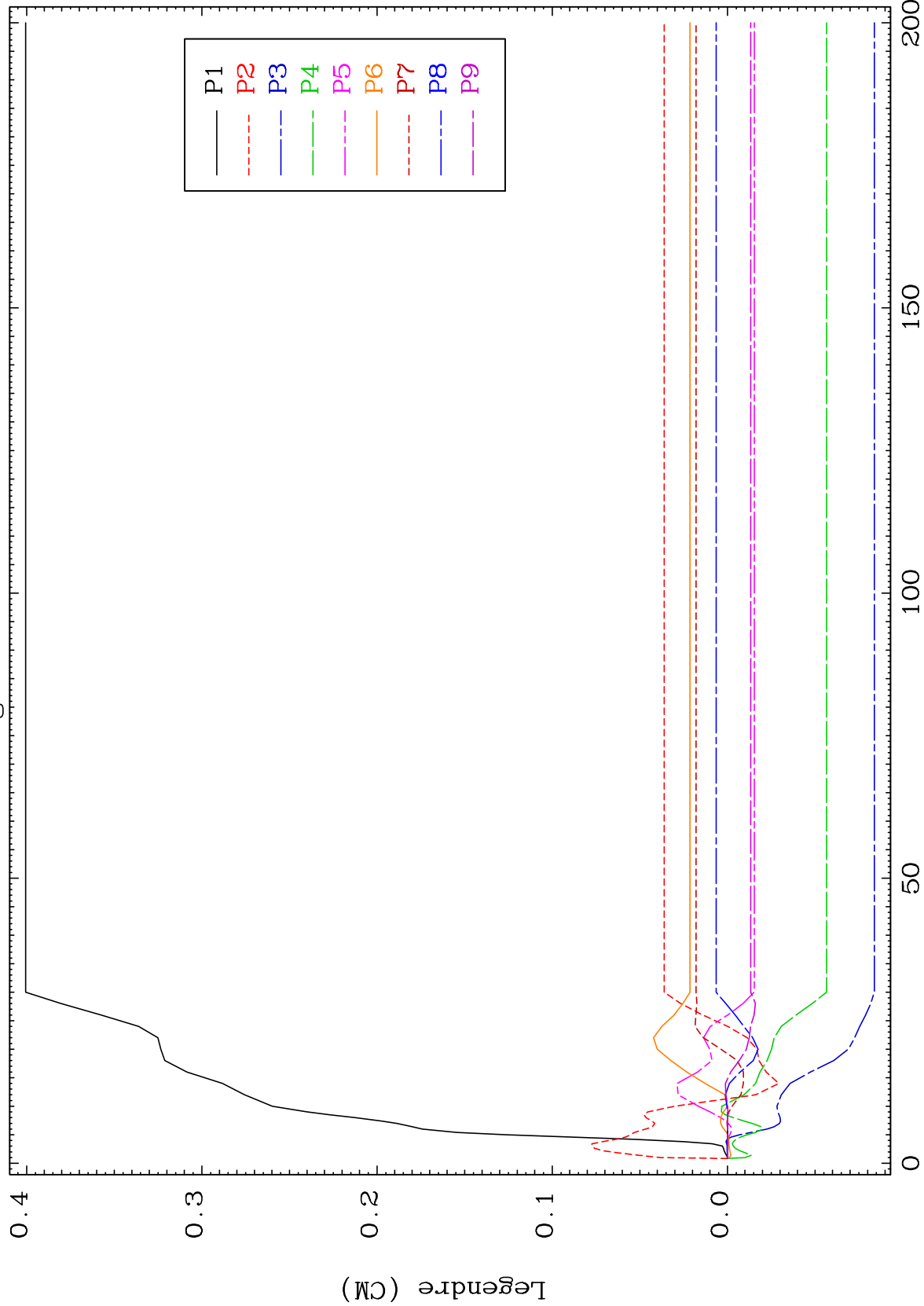


31

MAT 6455

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

64-Gd-162



32

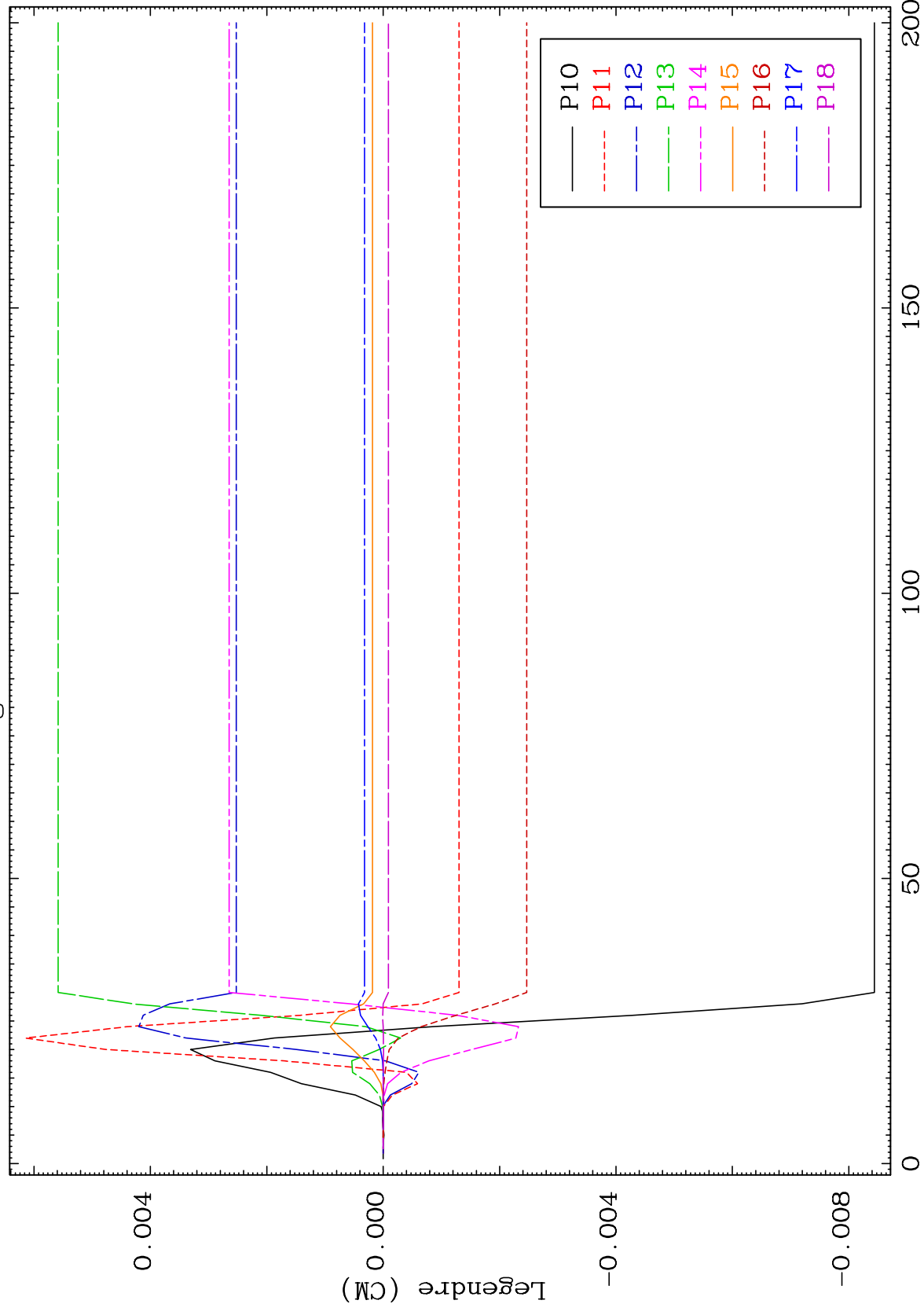
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



33

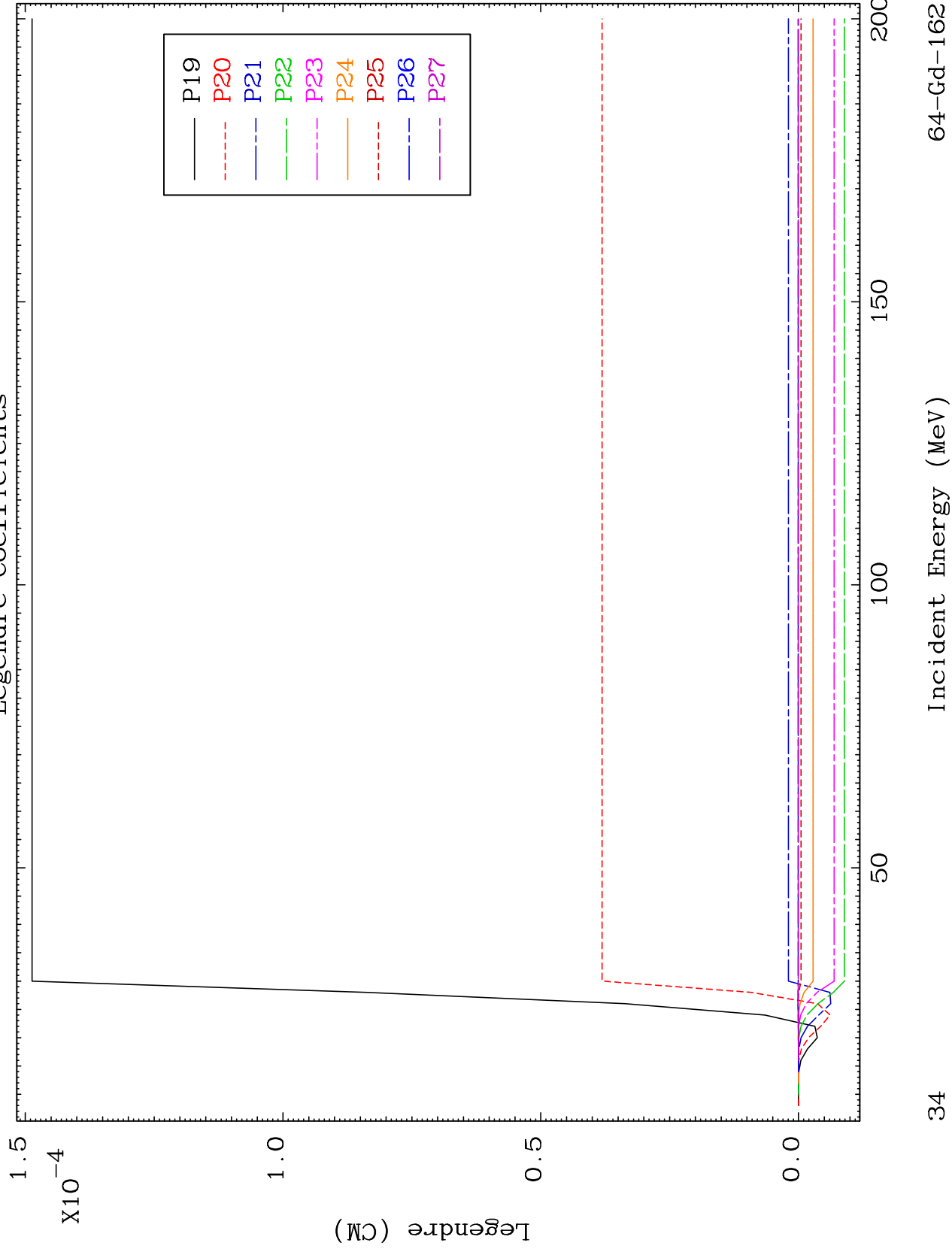
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



34

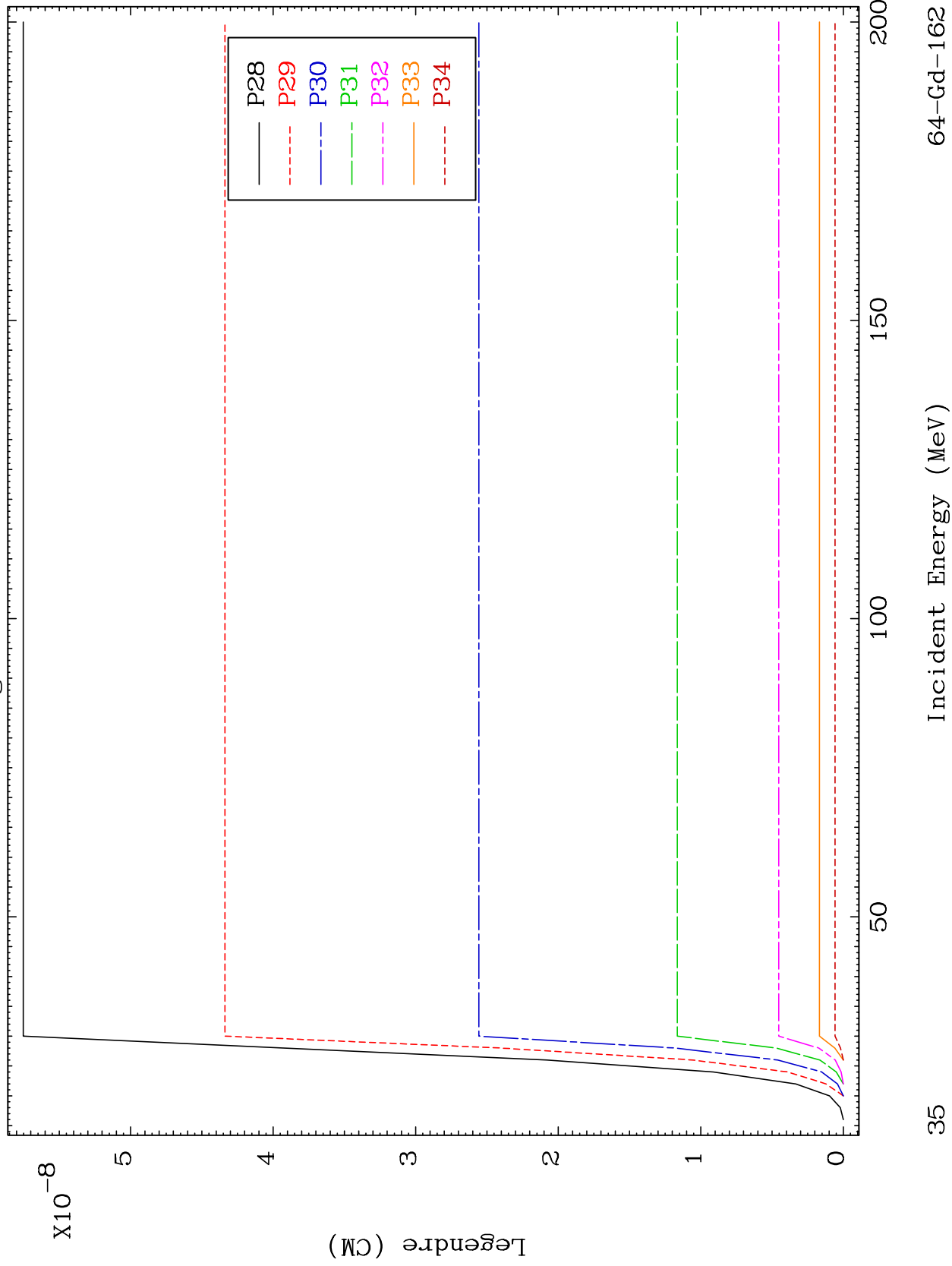
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

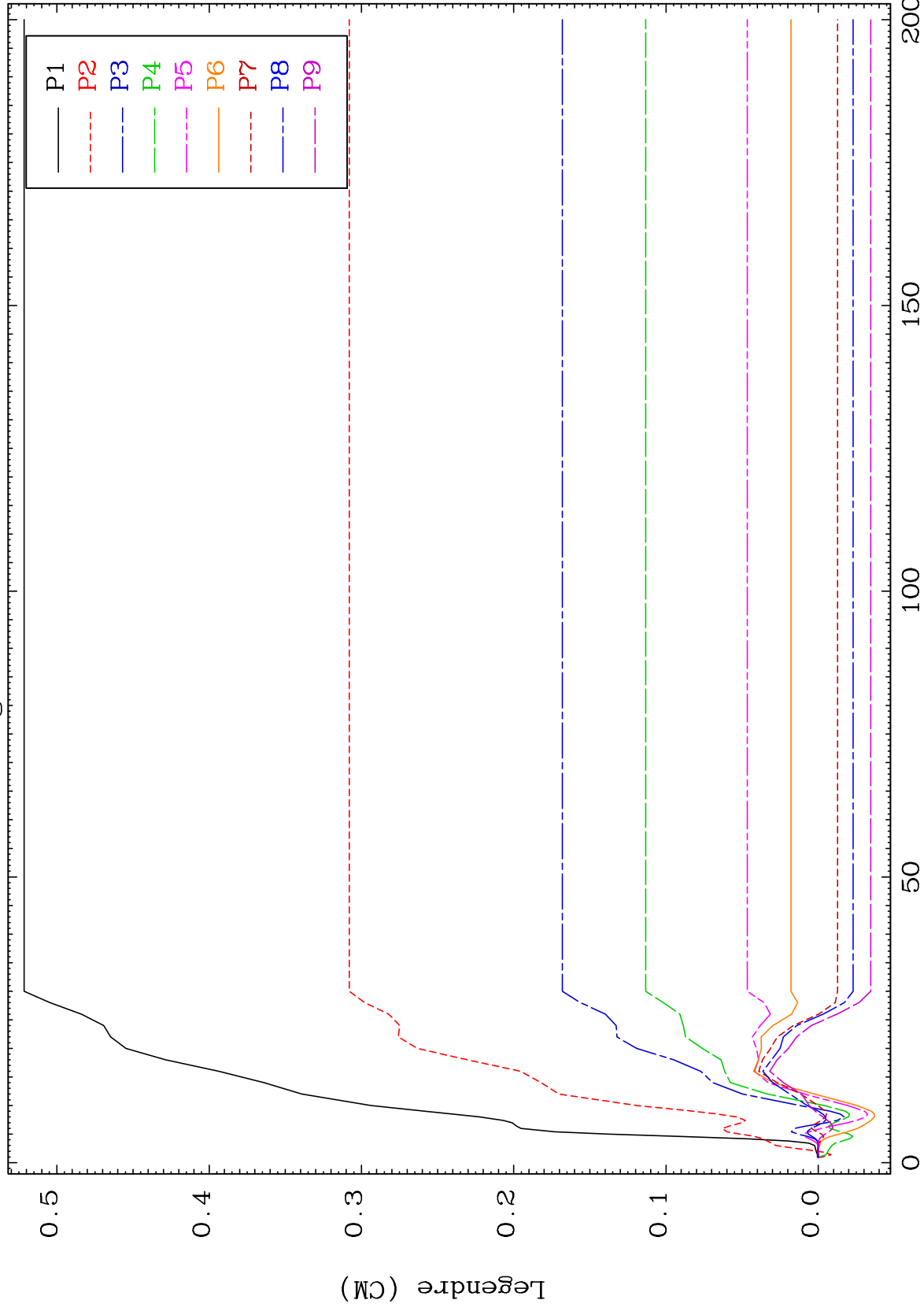
64-Gd-162



MAT 6455

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

64-Gd-162



36

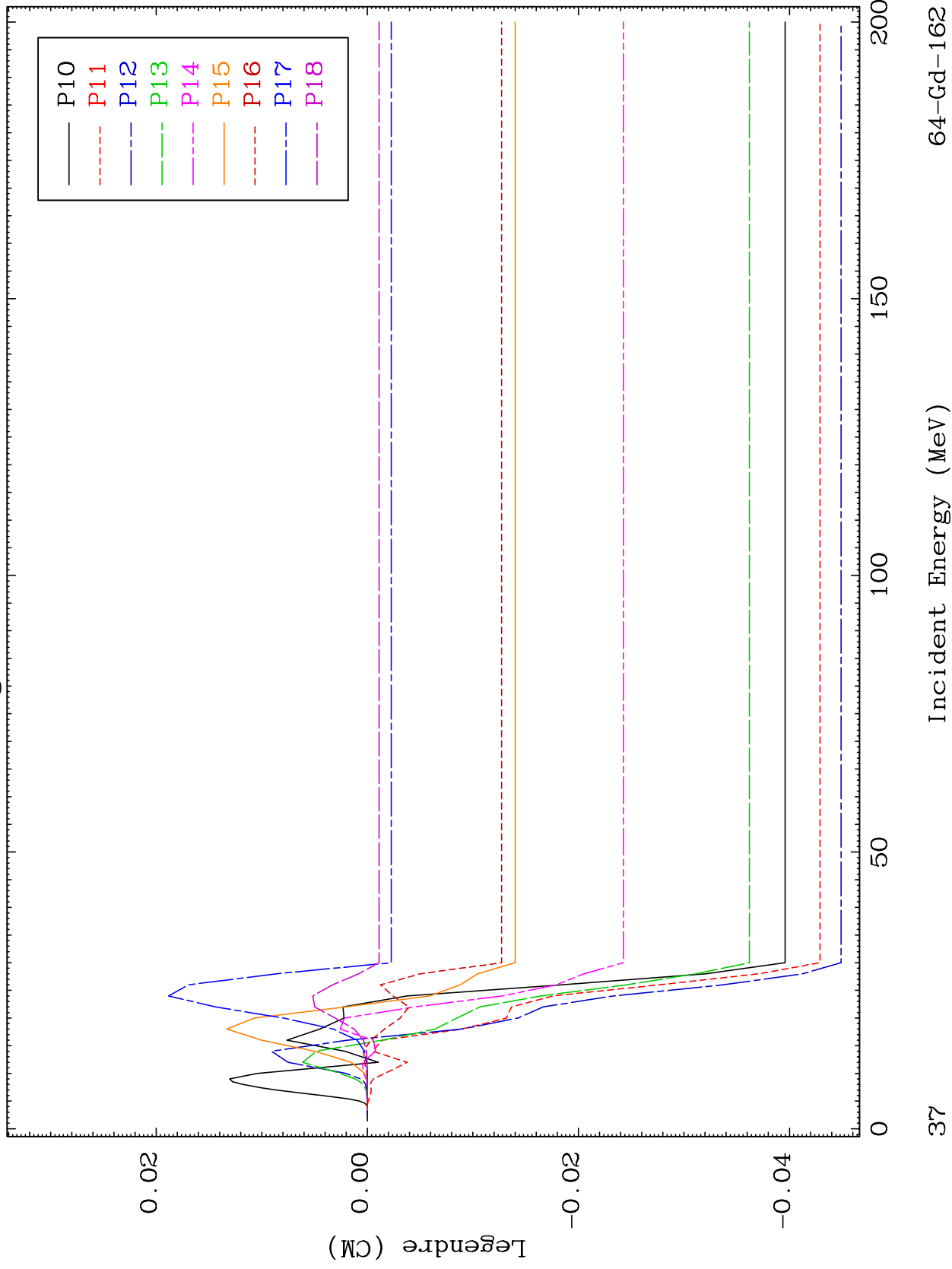
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



37

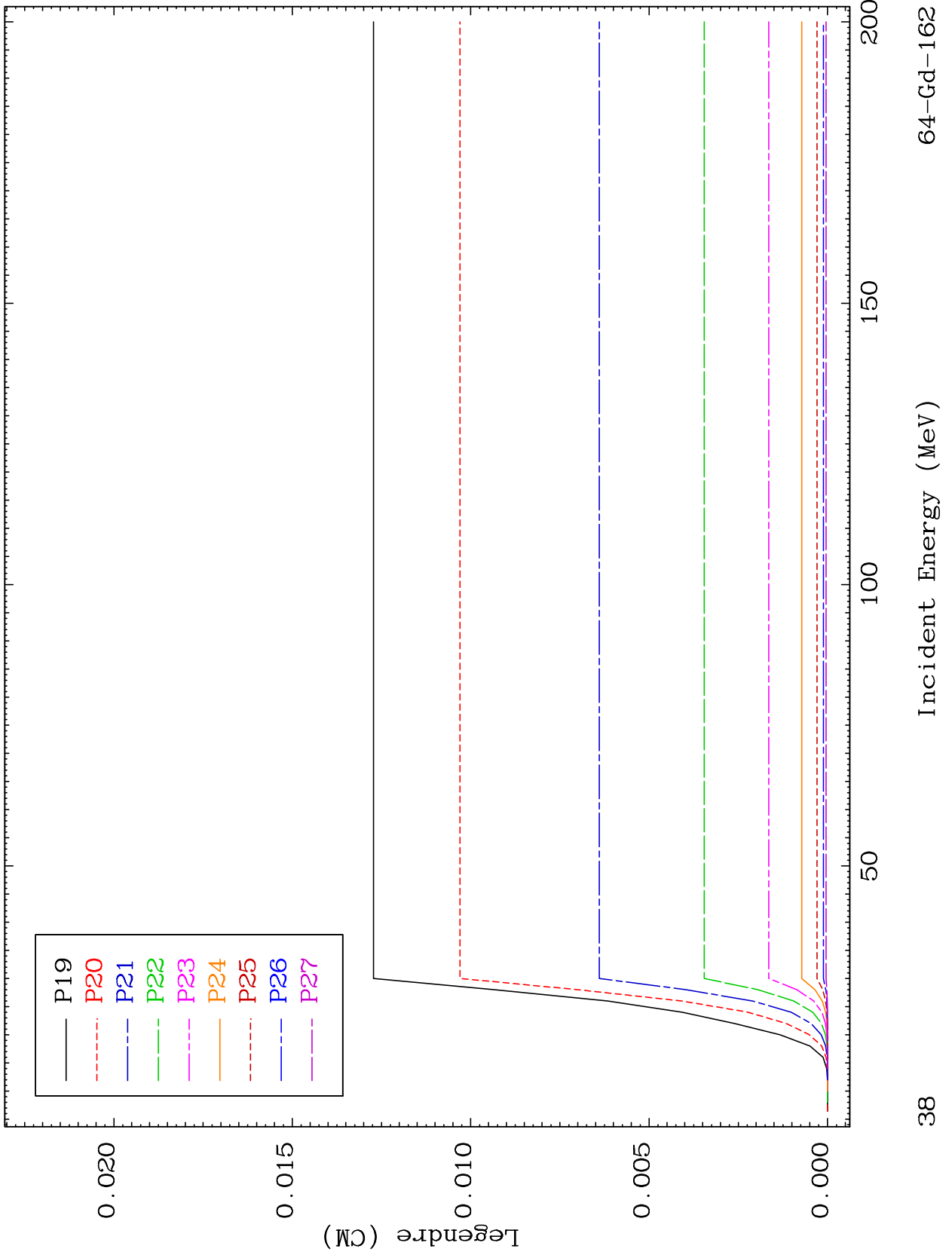
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

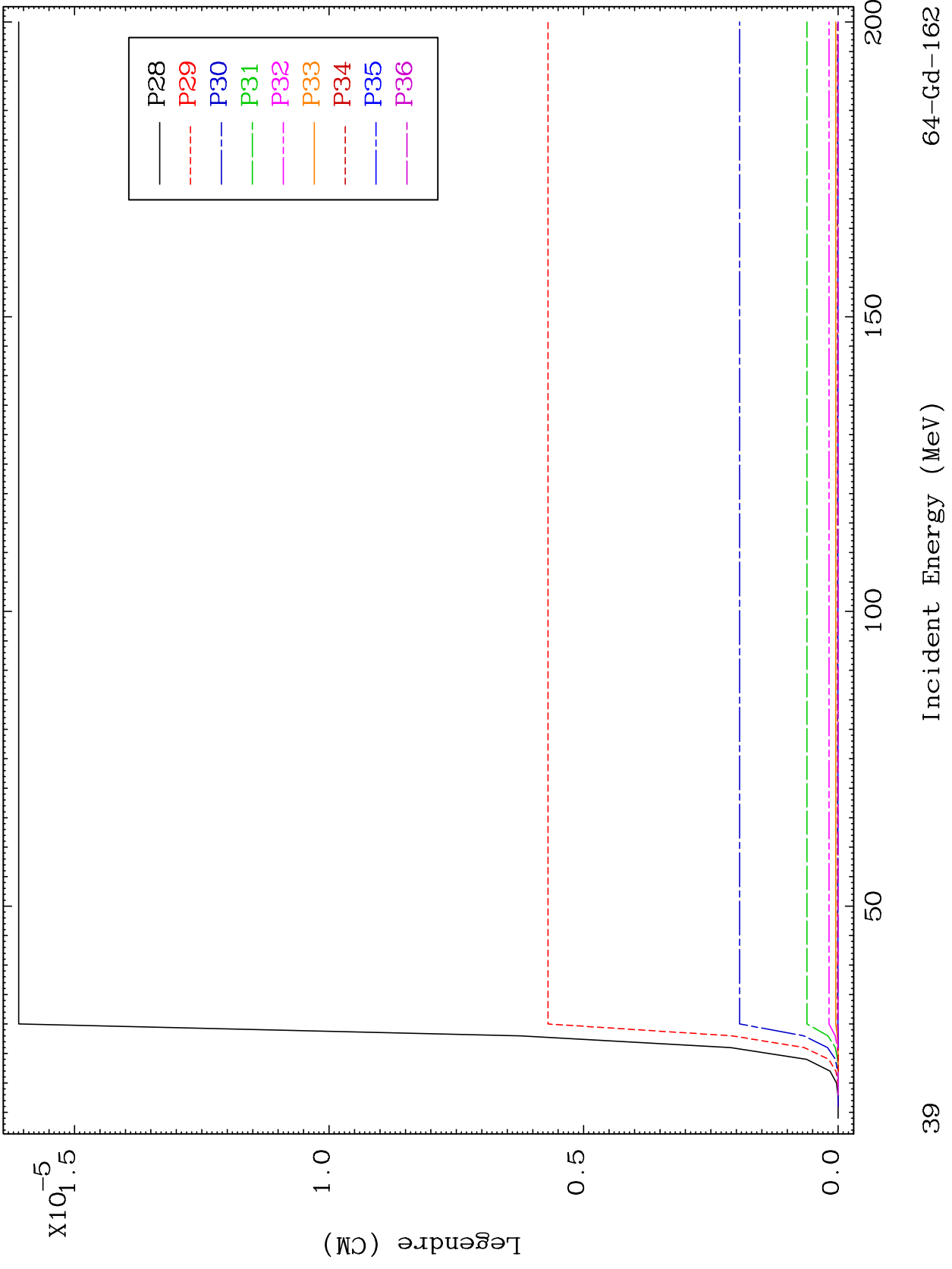
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MAT 6455

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

64-Gd-162



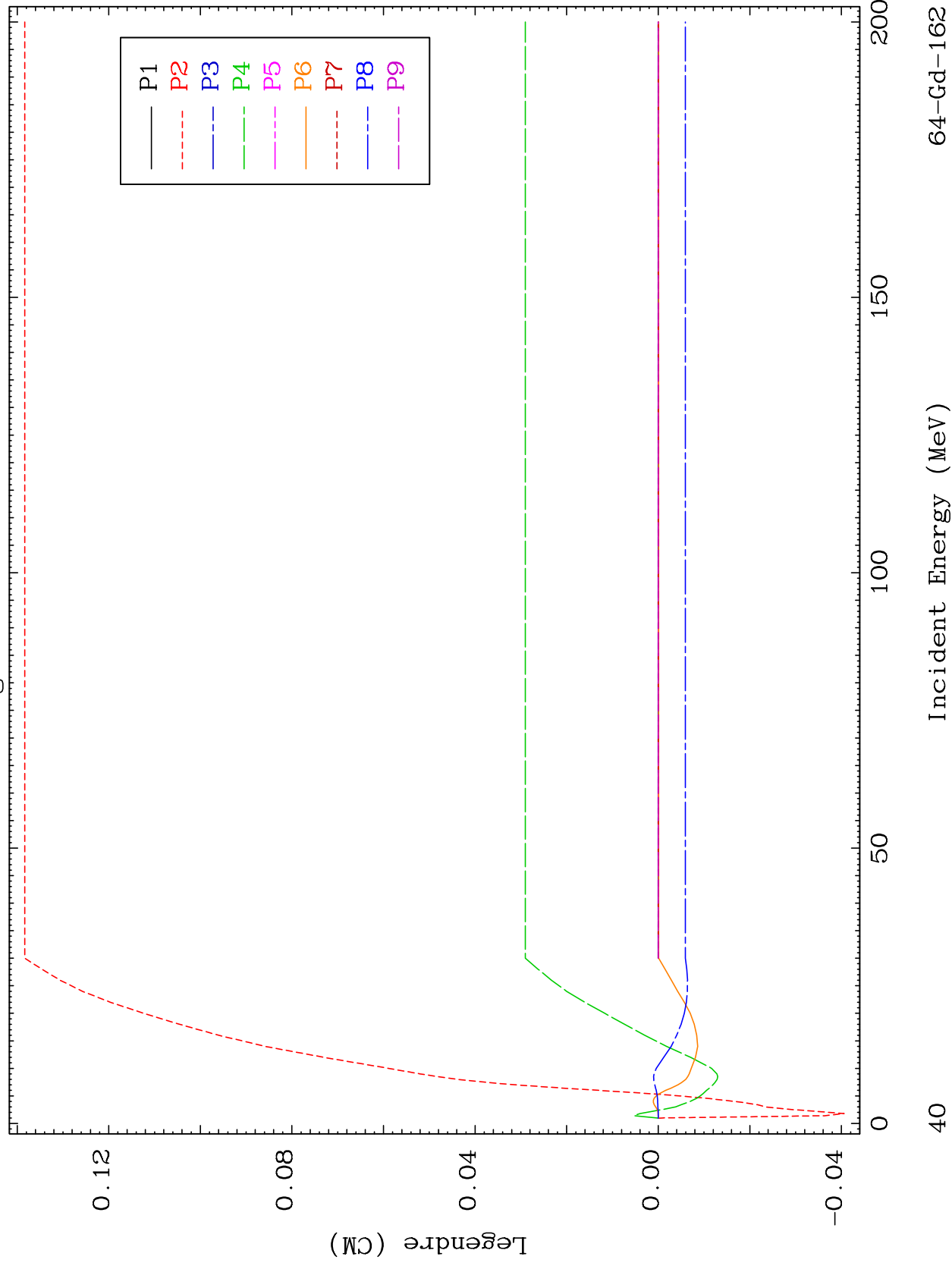
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64-Gd-162

MAT 6455

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

64-Gd-162



64-Gd-162

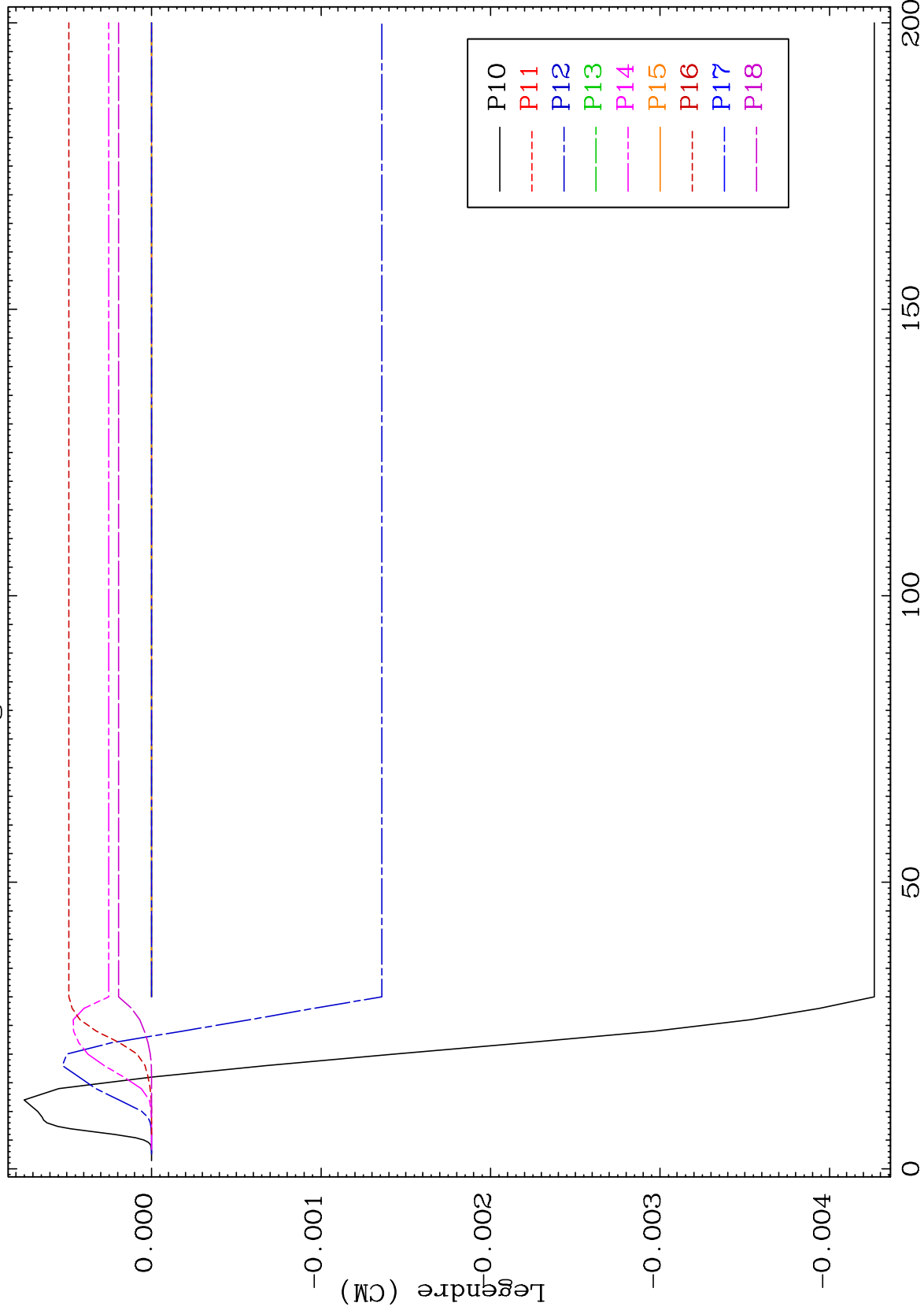
Incident Energy (MeV)

40

MAT 6455

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

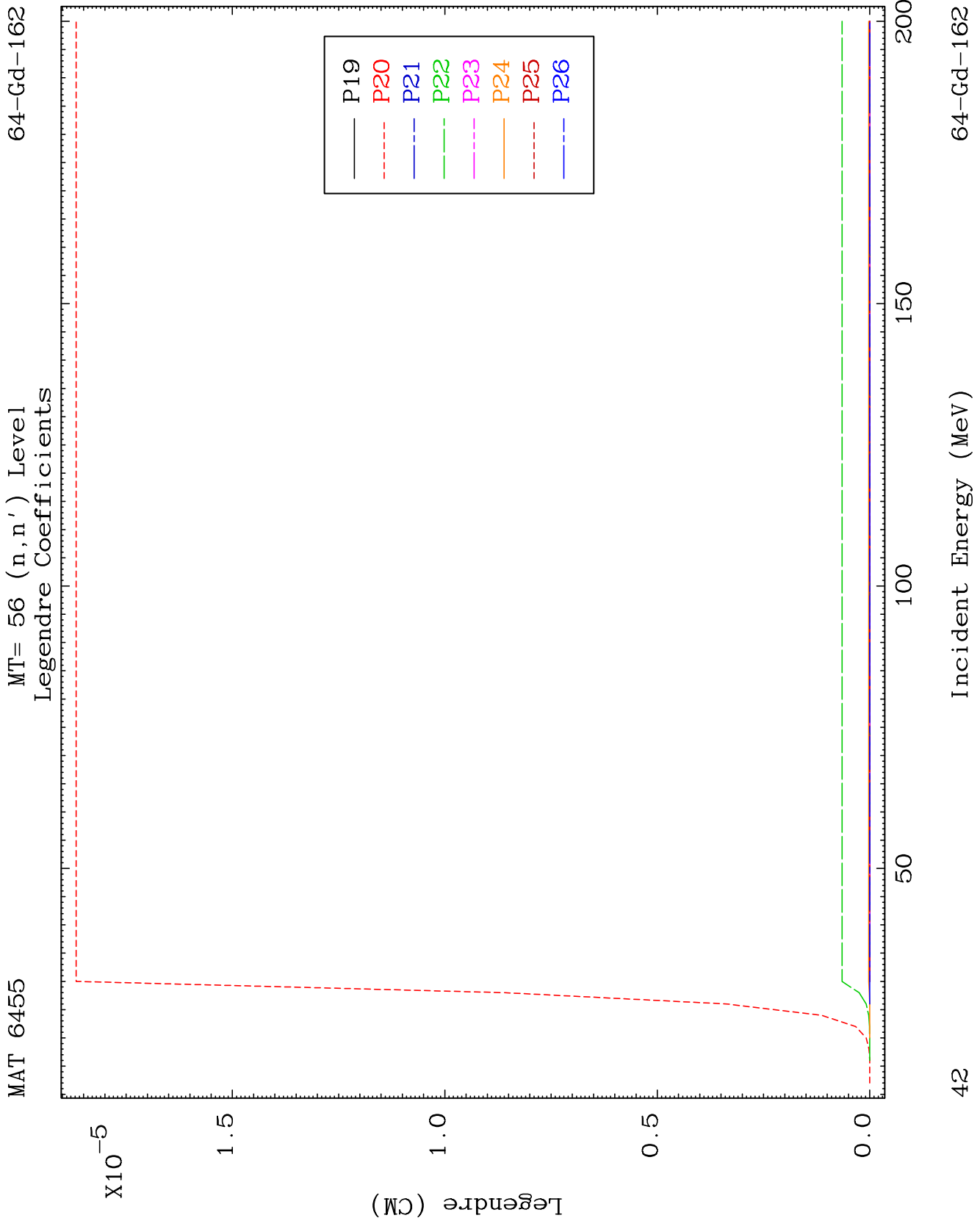
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41

Incident Energy (MeV)

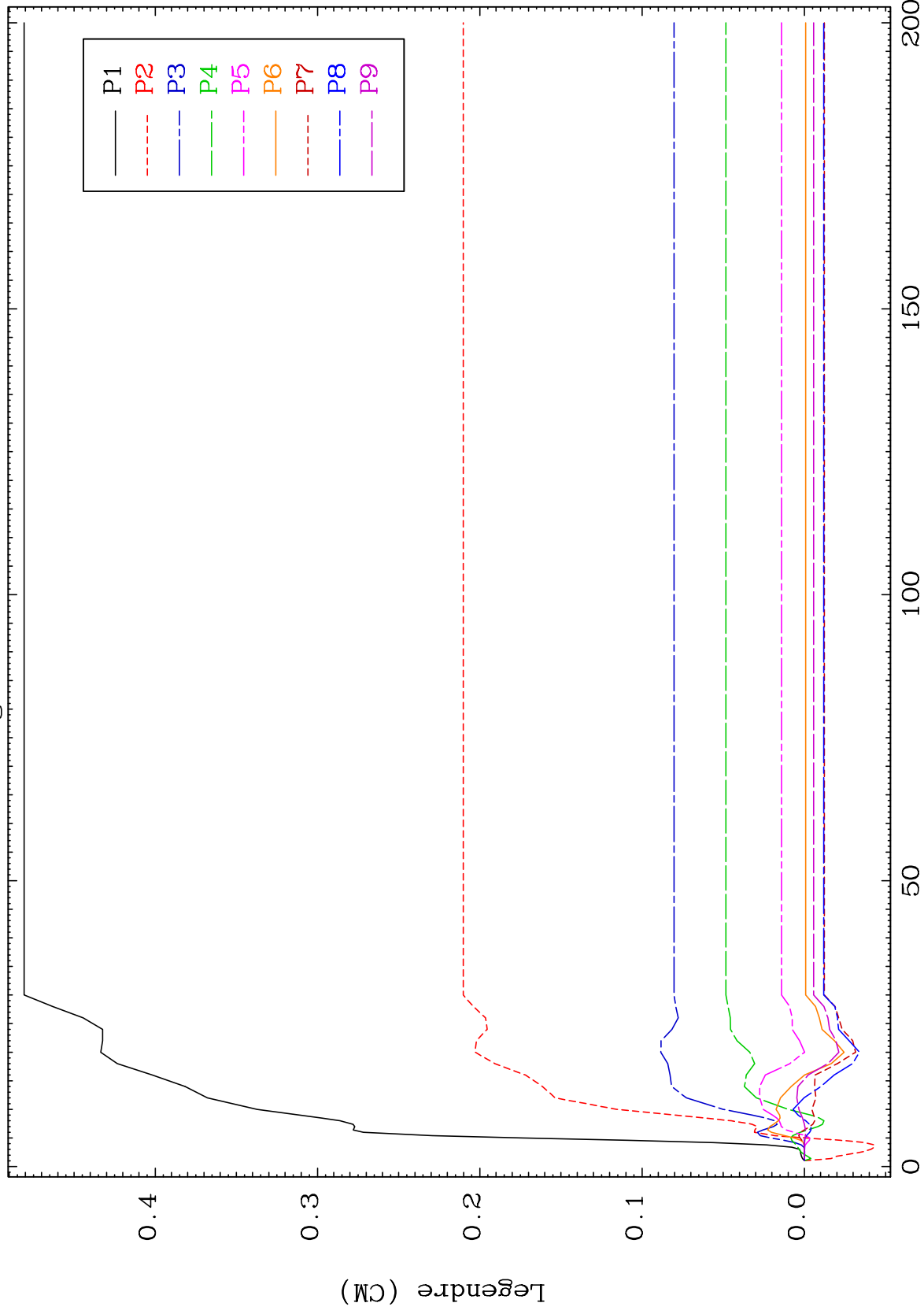
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MAT 6455

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

64-Gd-162



43

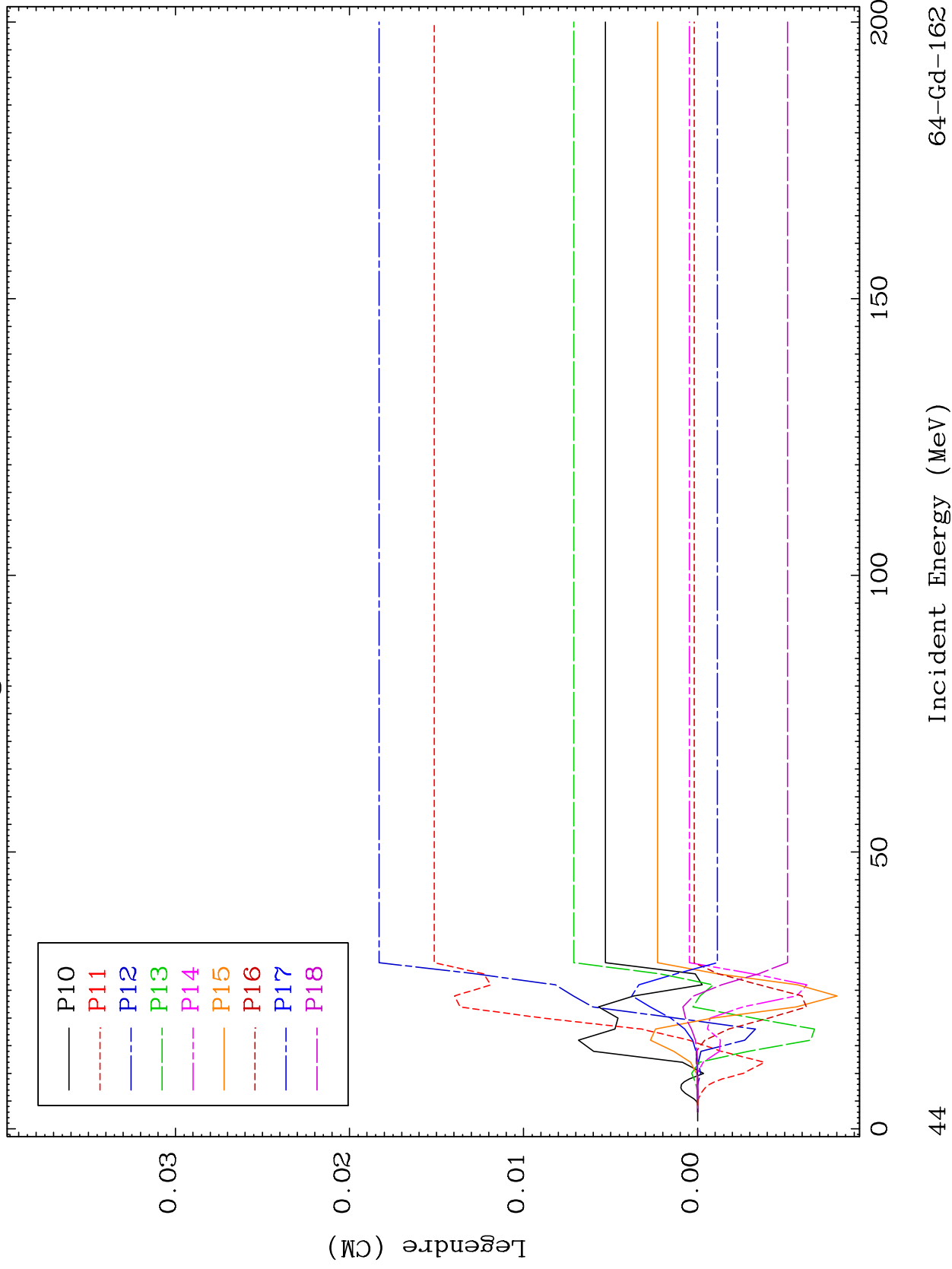
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



64-Gd-162

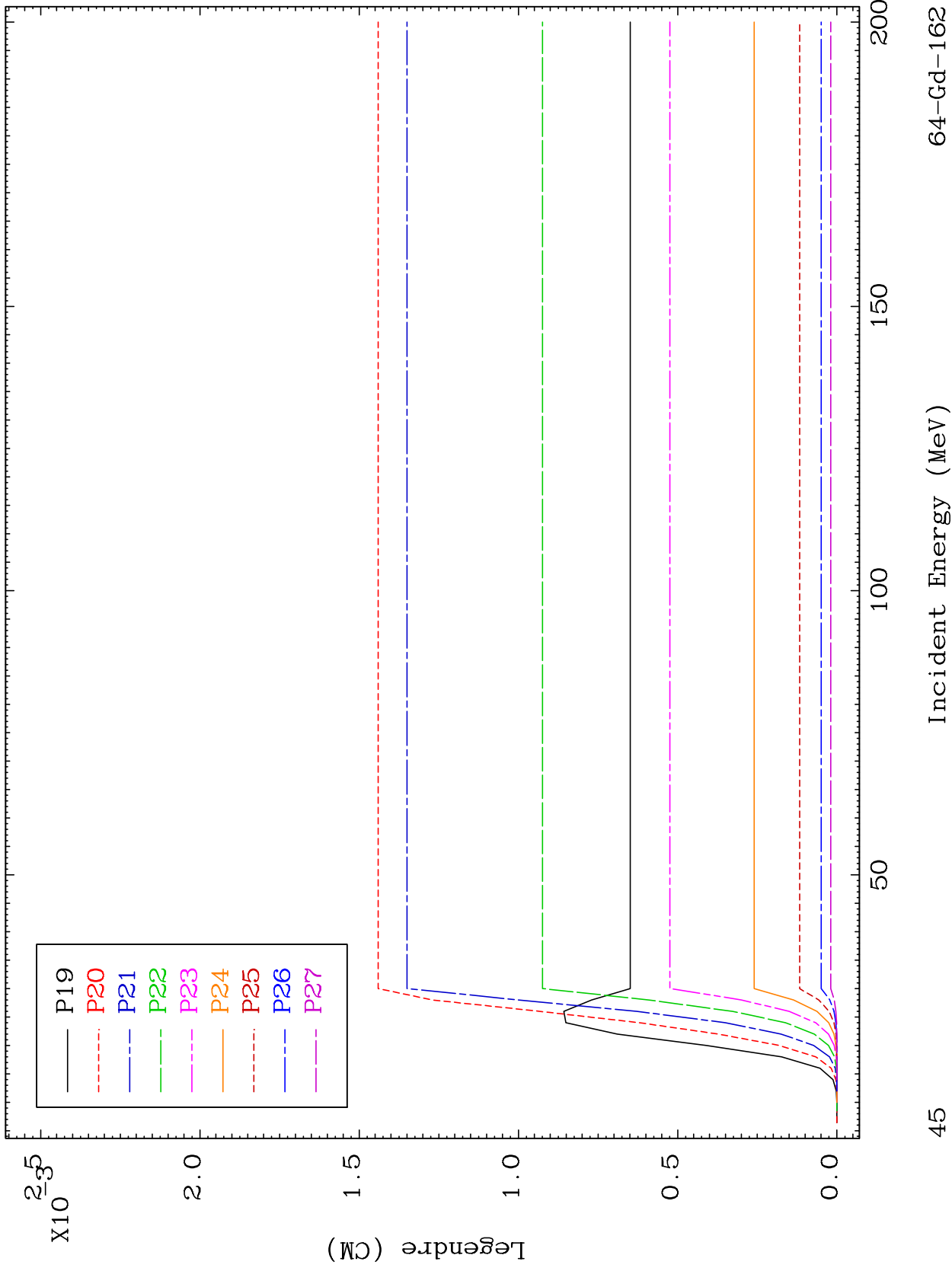
Incident Energy (MeV)

44

MAT 6455

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

64-Gd-162



45

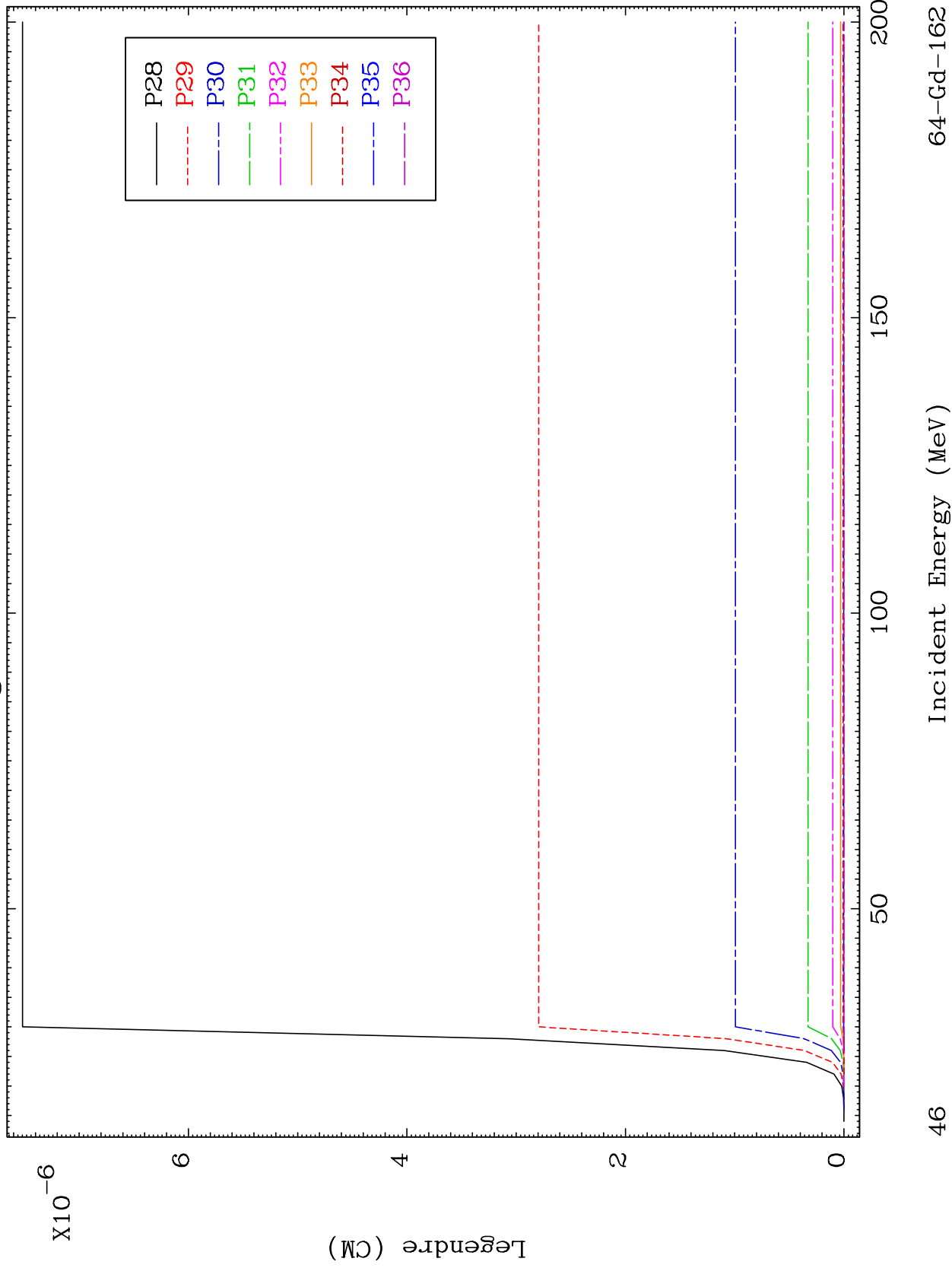
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



46

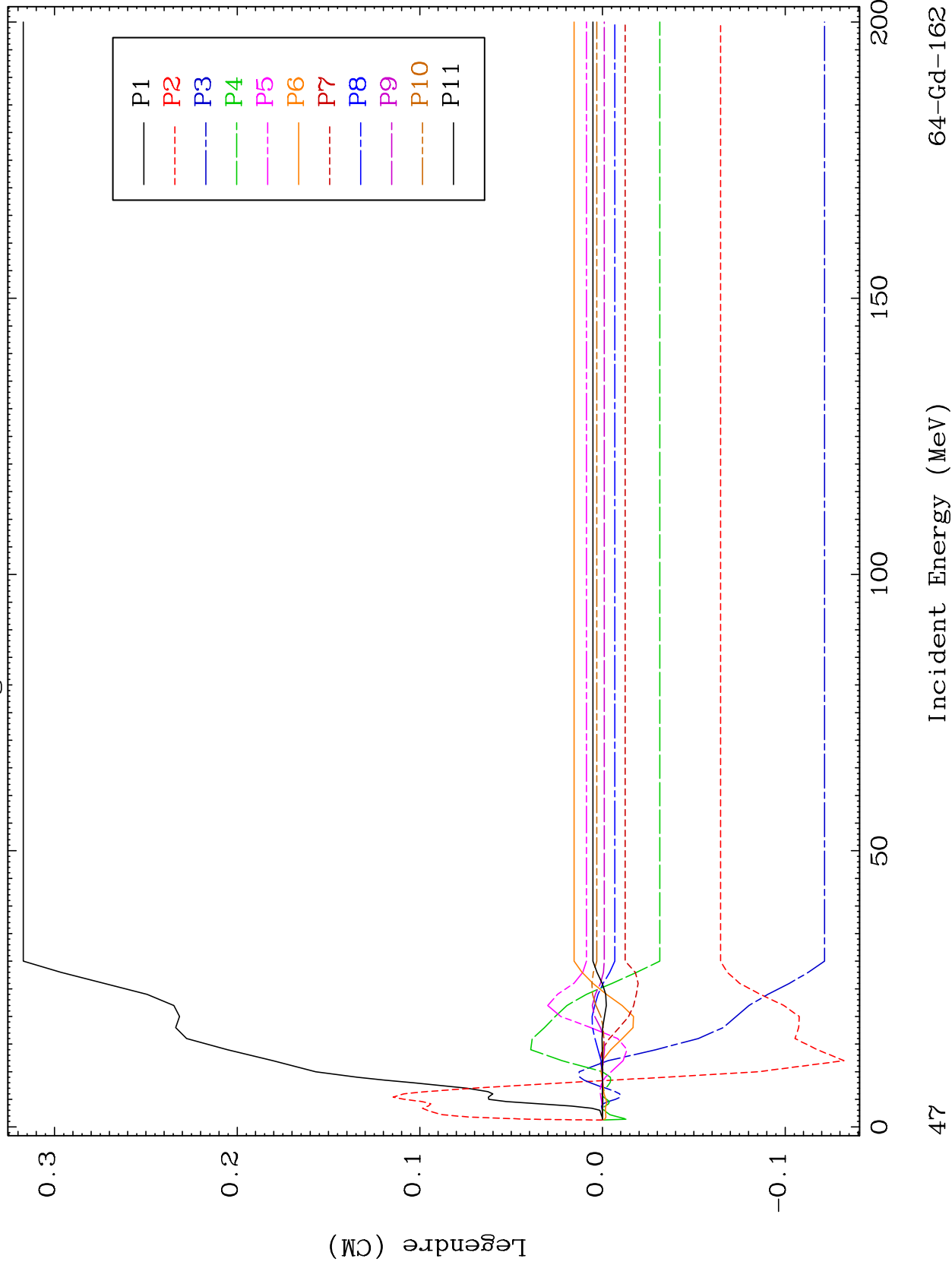
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



47

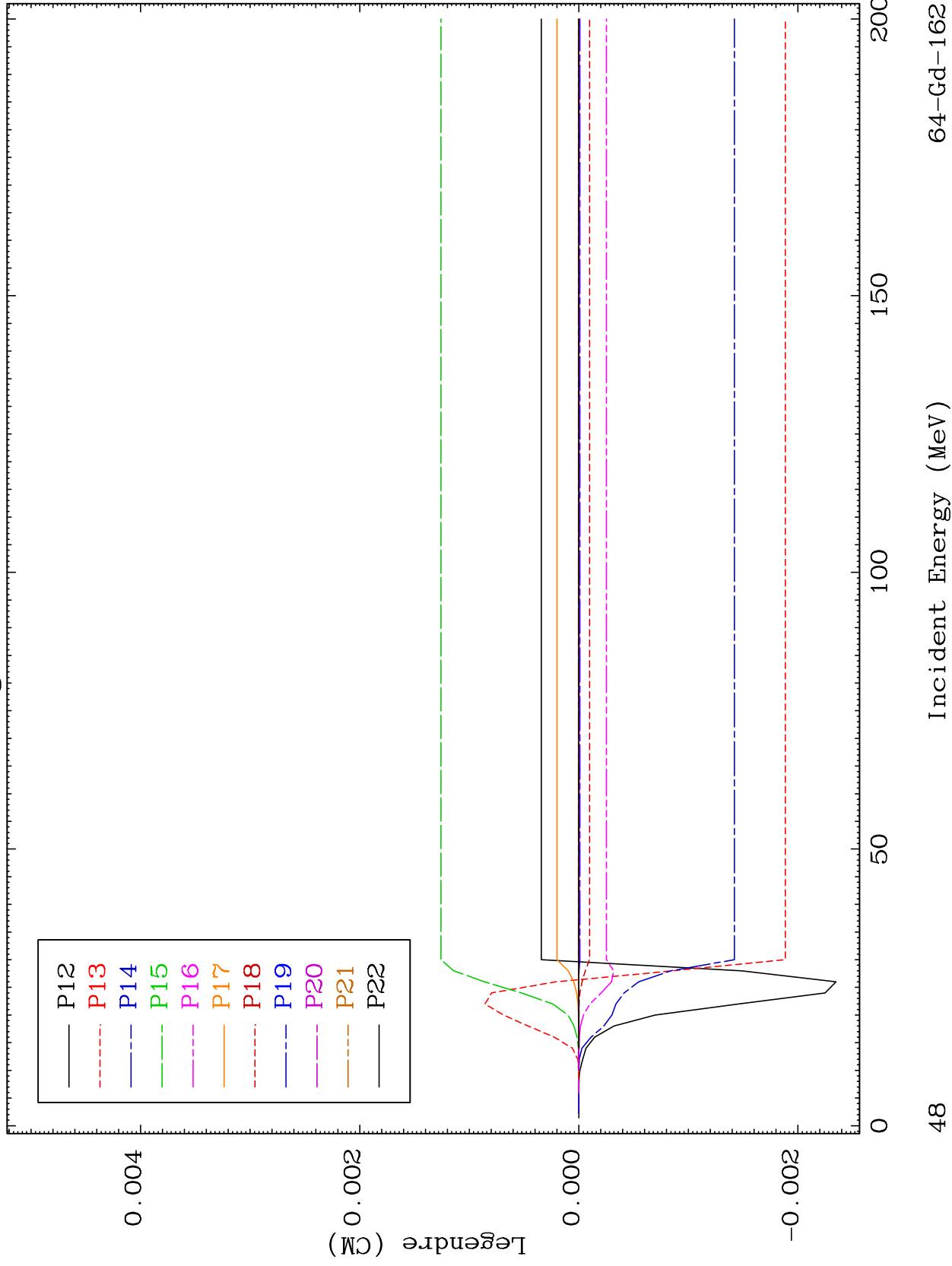
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



64-Gd-162

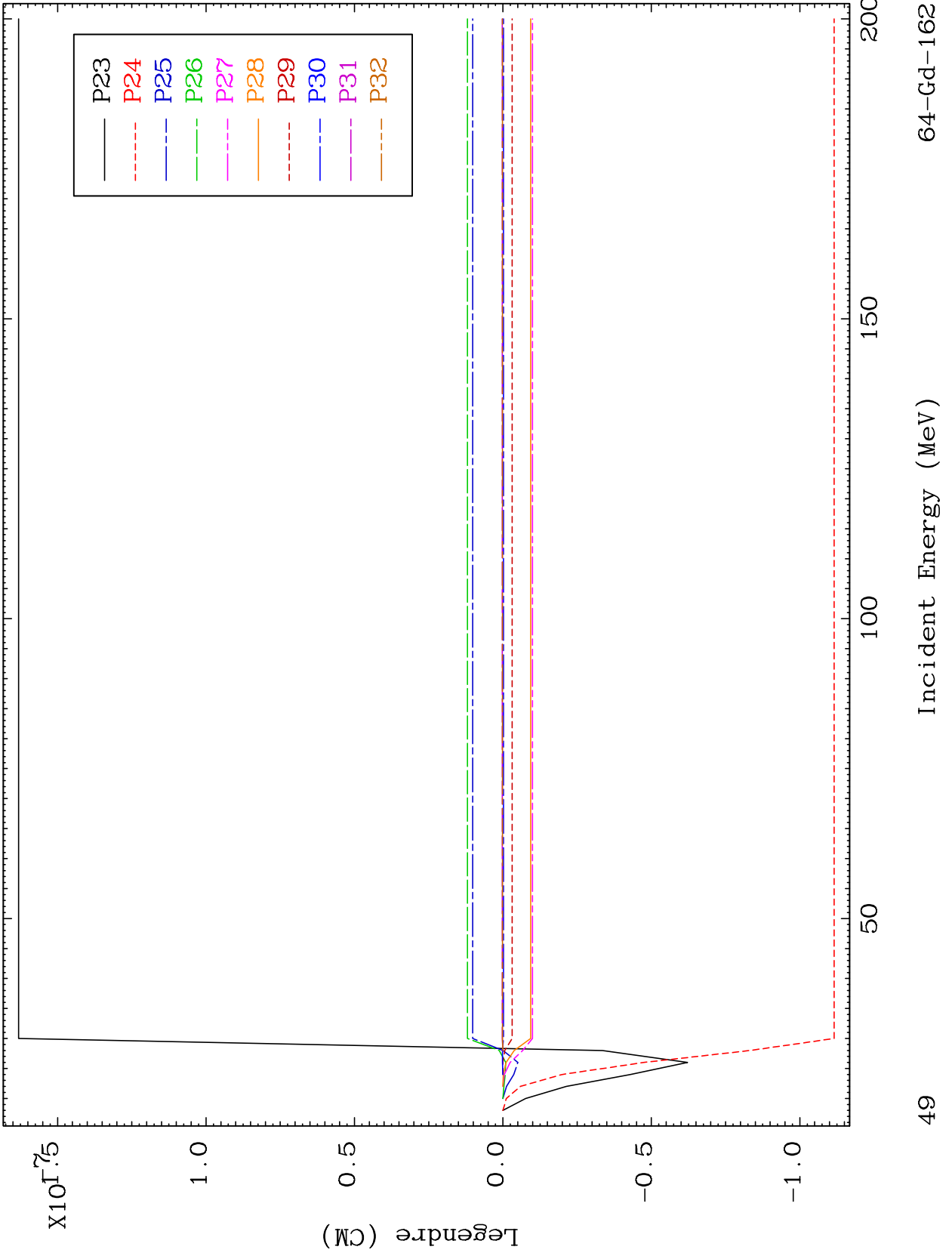
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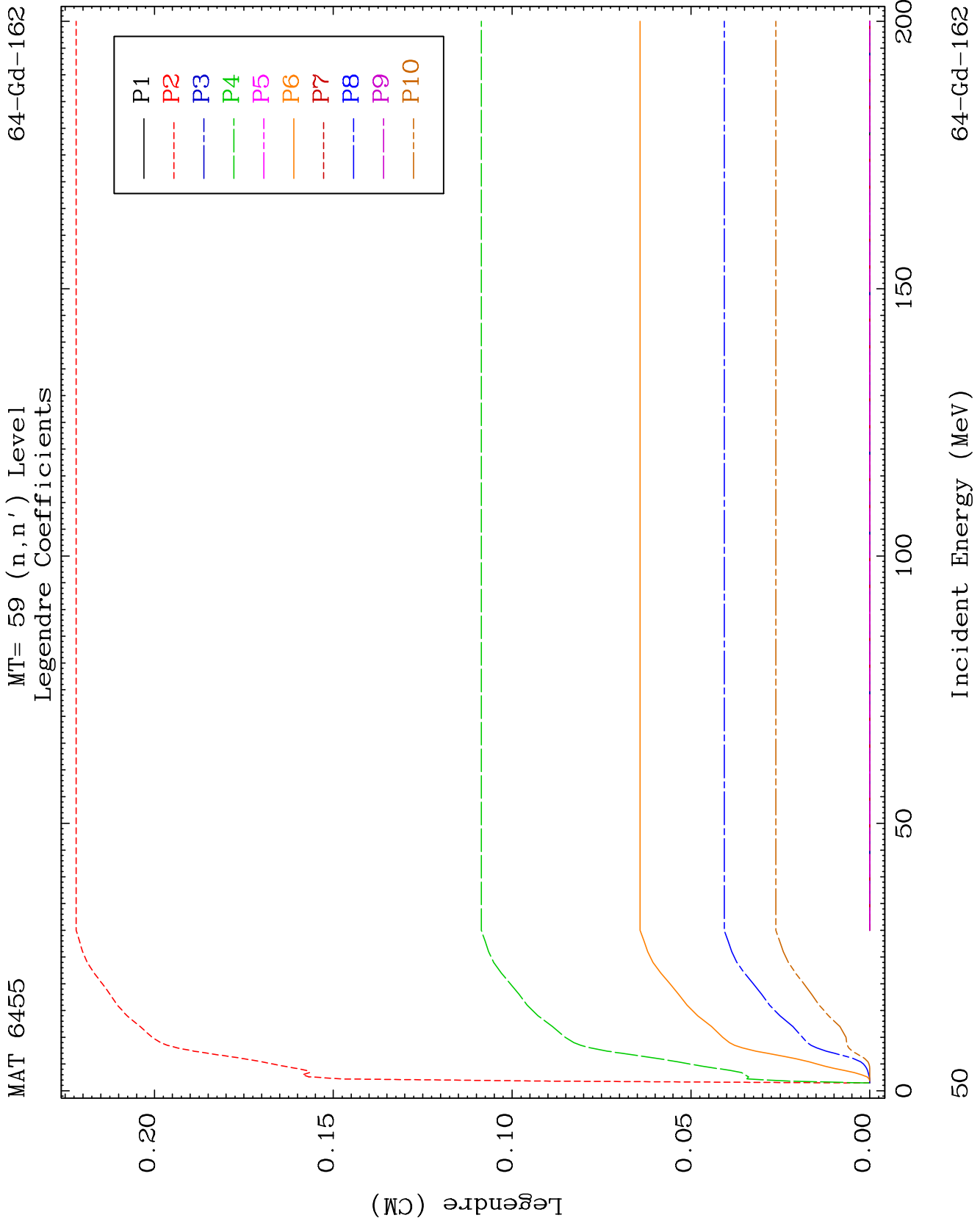
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MAT 6455

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

64-Gd-162

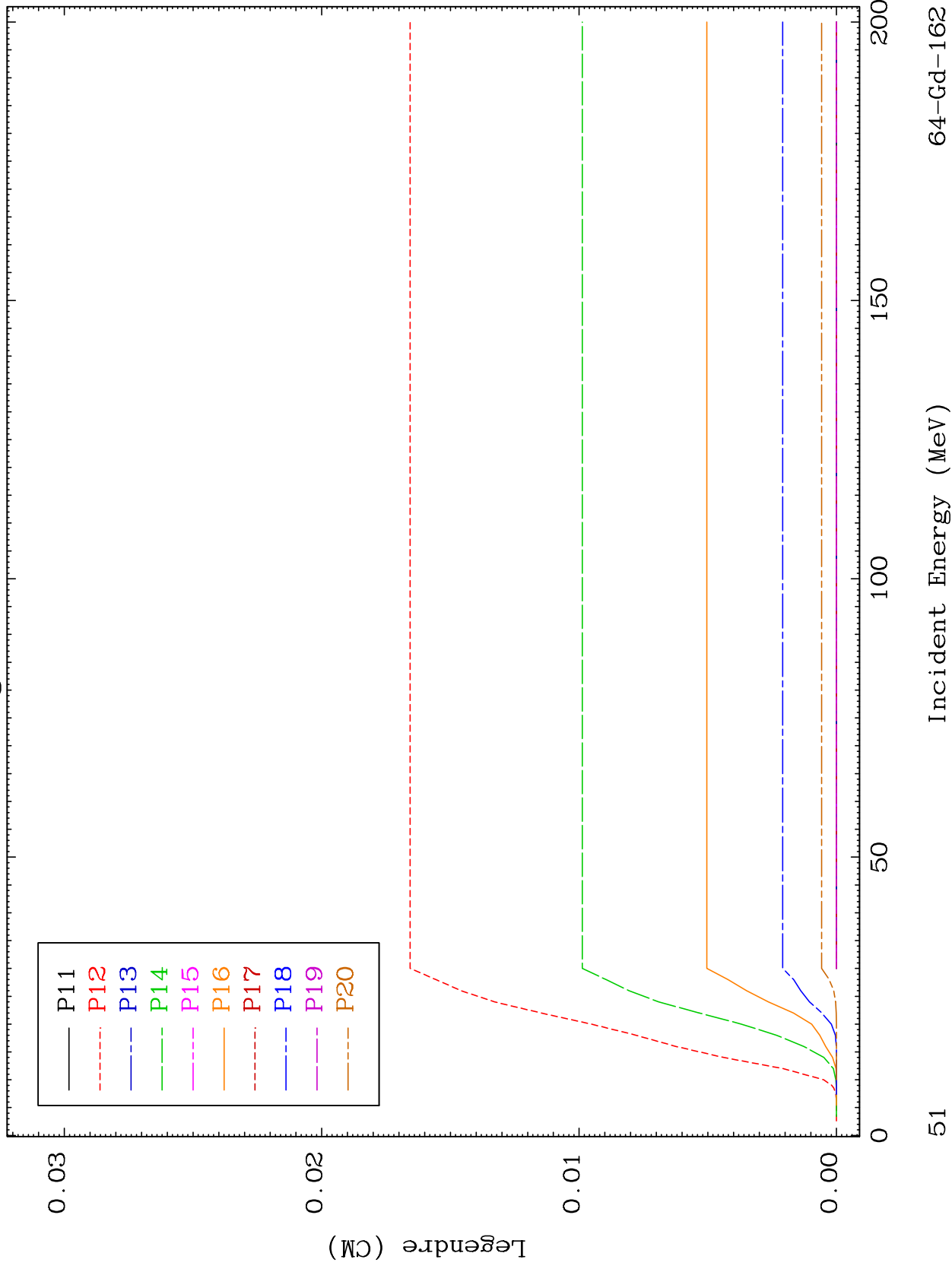




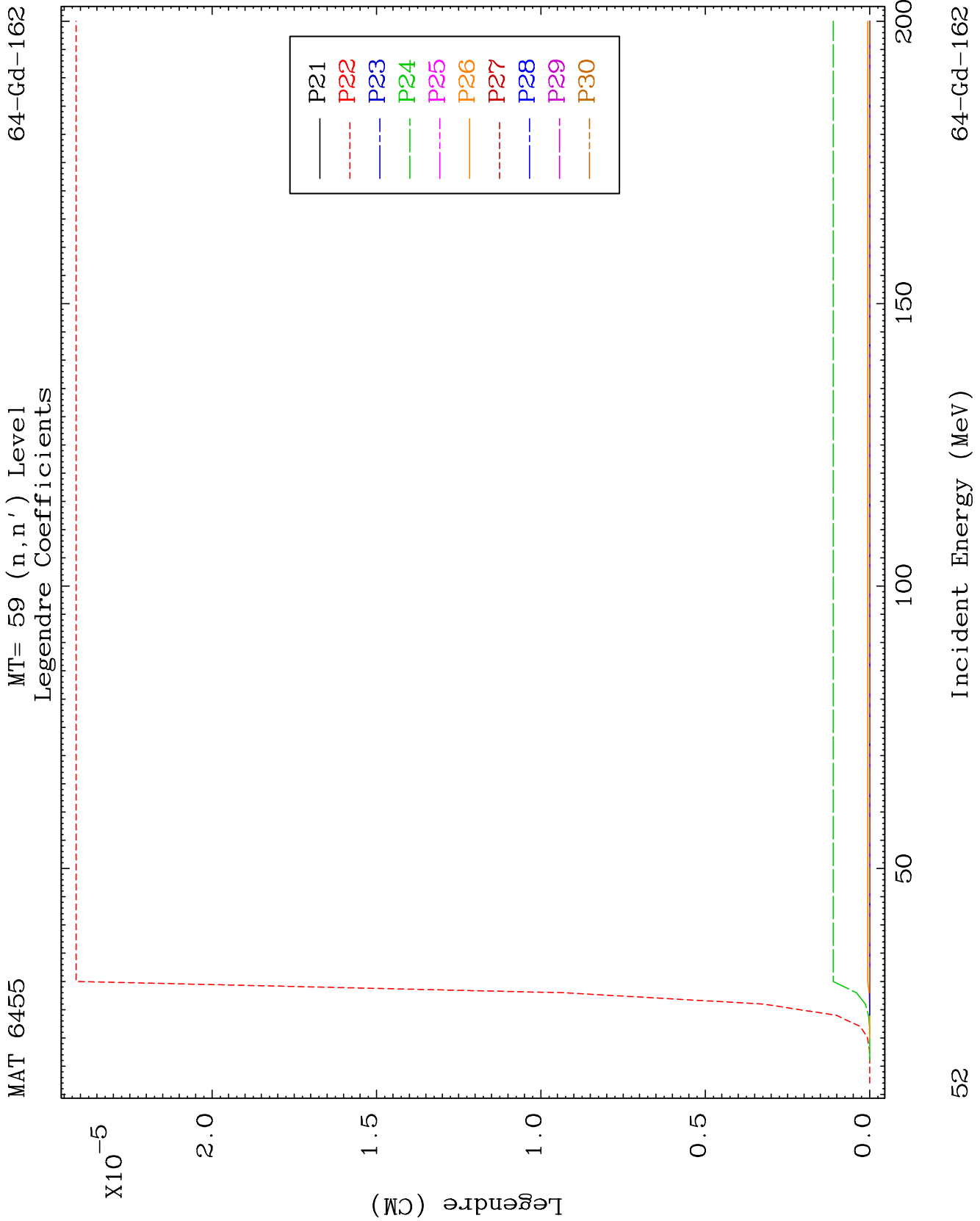
MAT 6455

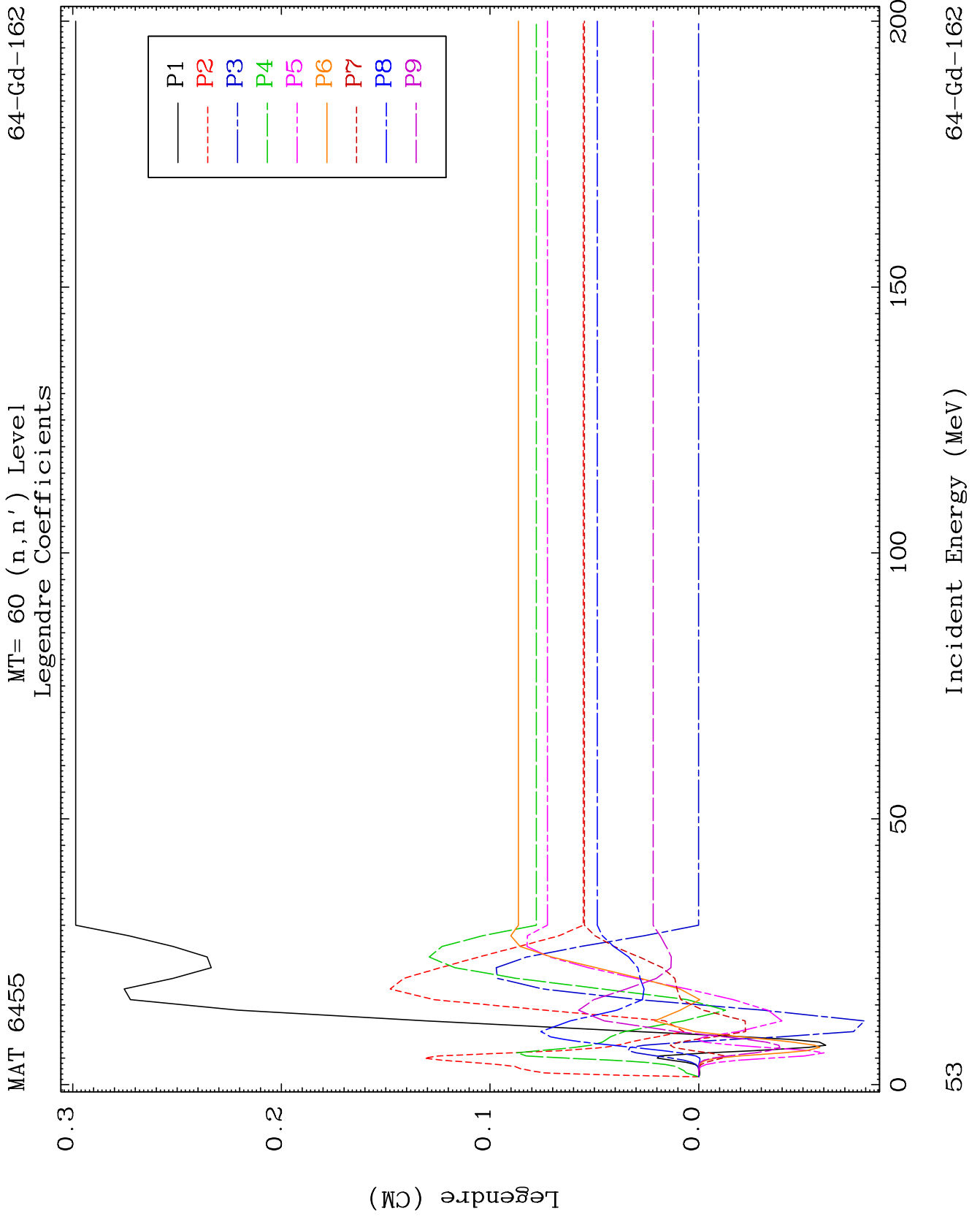
MT= 59 (n,n') Level
Legendre Coefficients

64-Gd-162



51

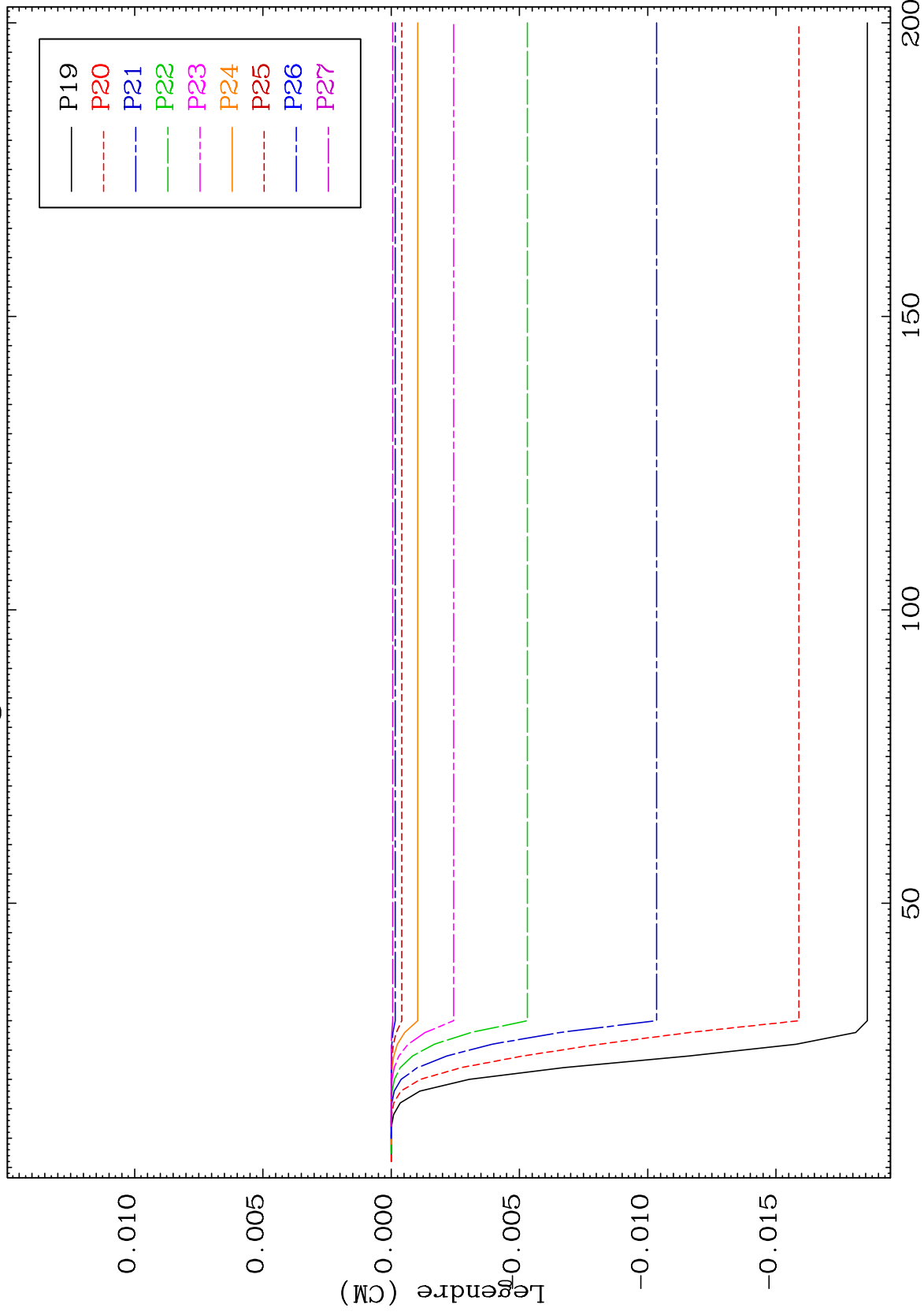




MAT 6455

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

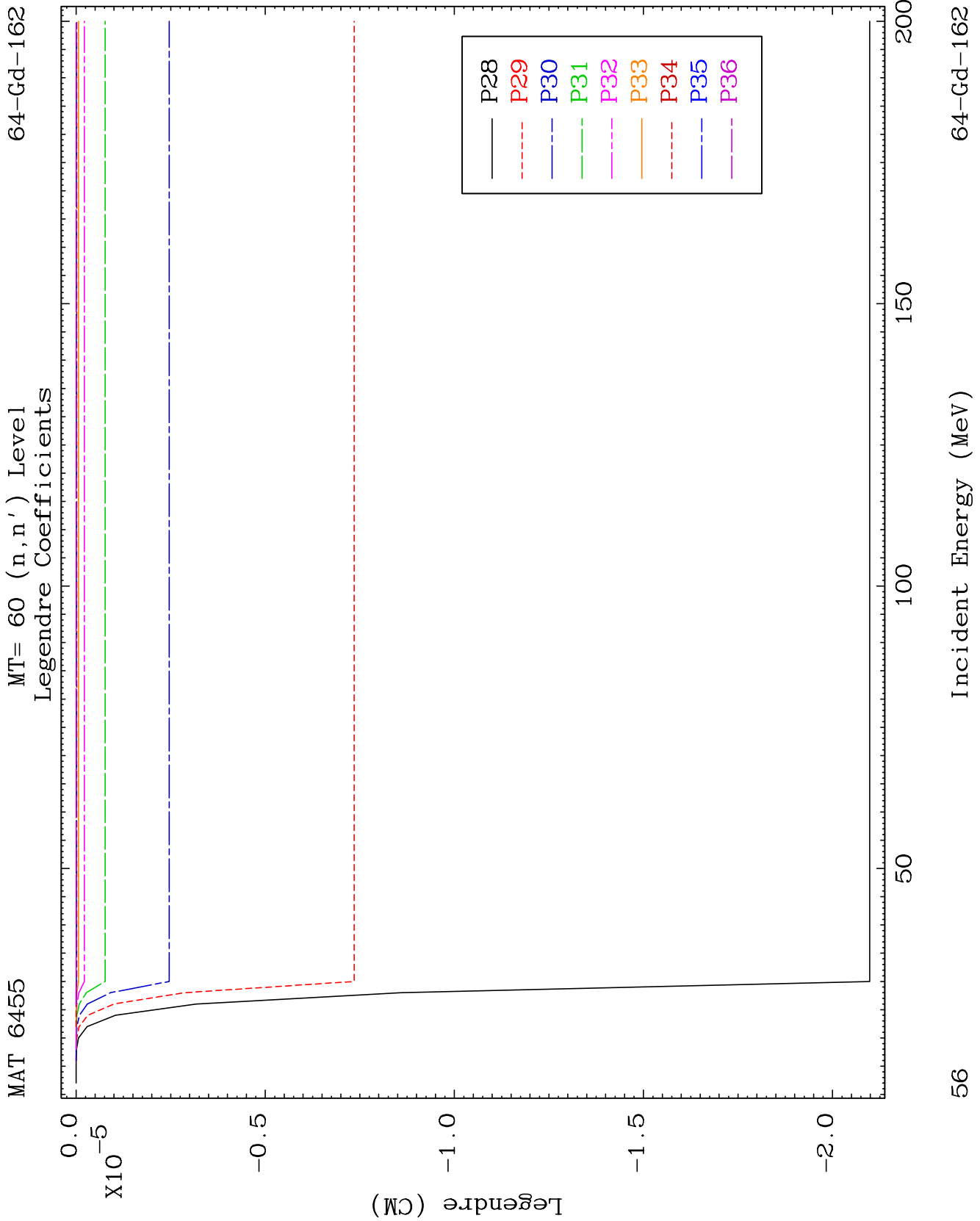
64-Gd-162



55

Incident Energy (MeV)

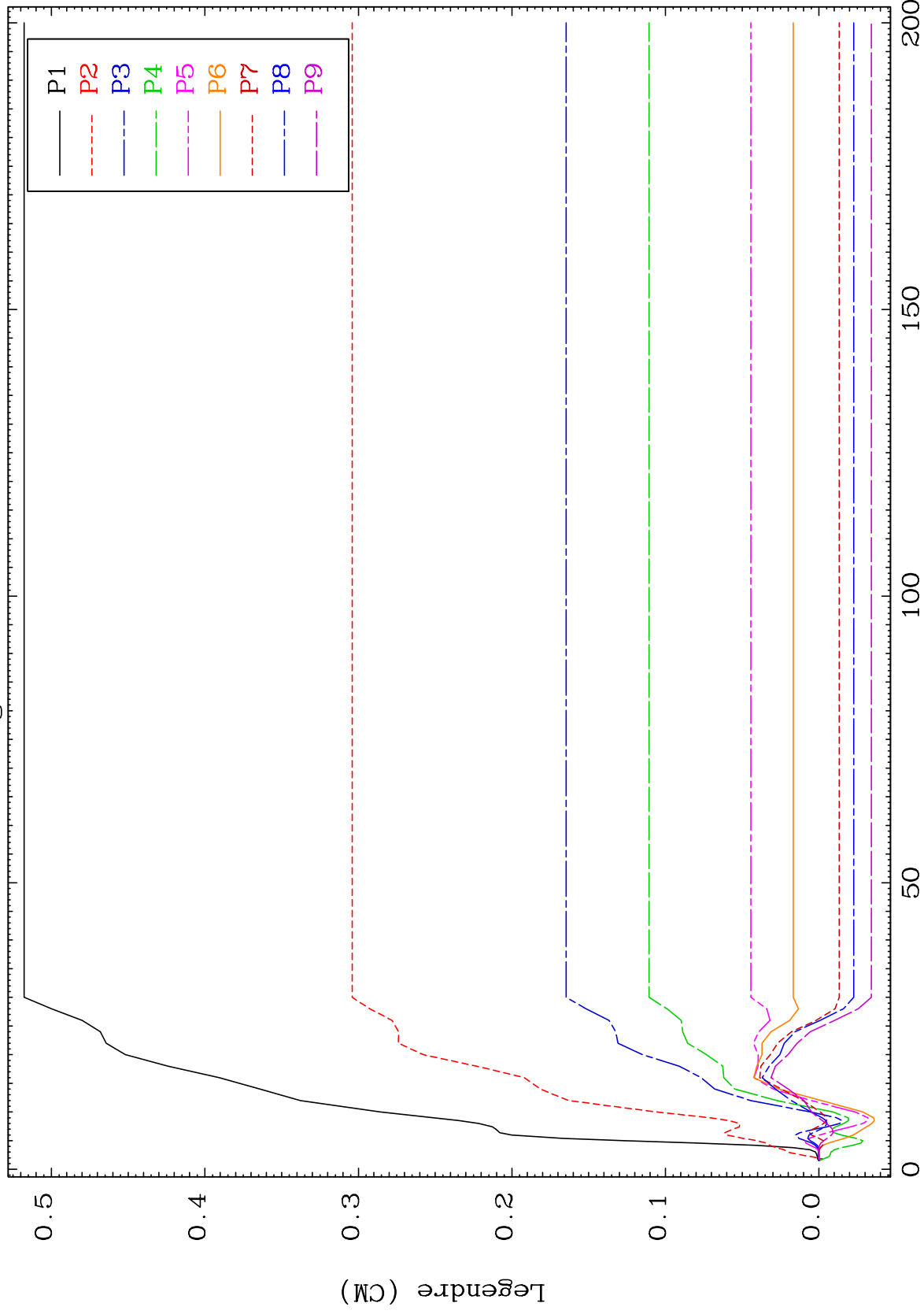
64-Gd-162



MAT 6455

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

64-Gd-162



57

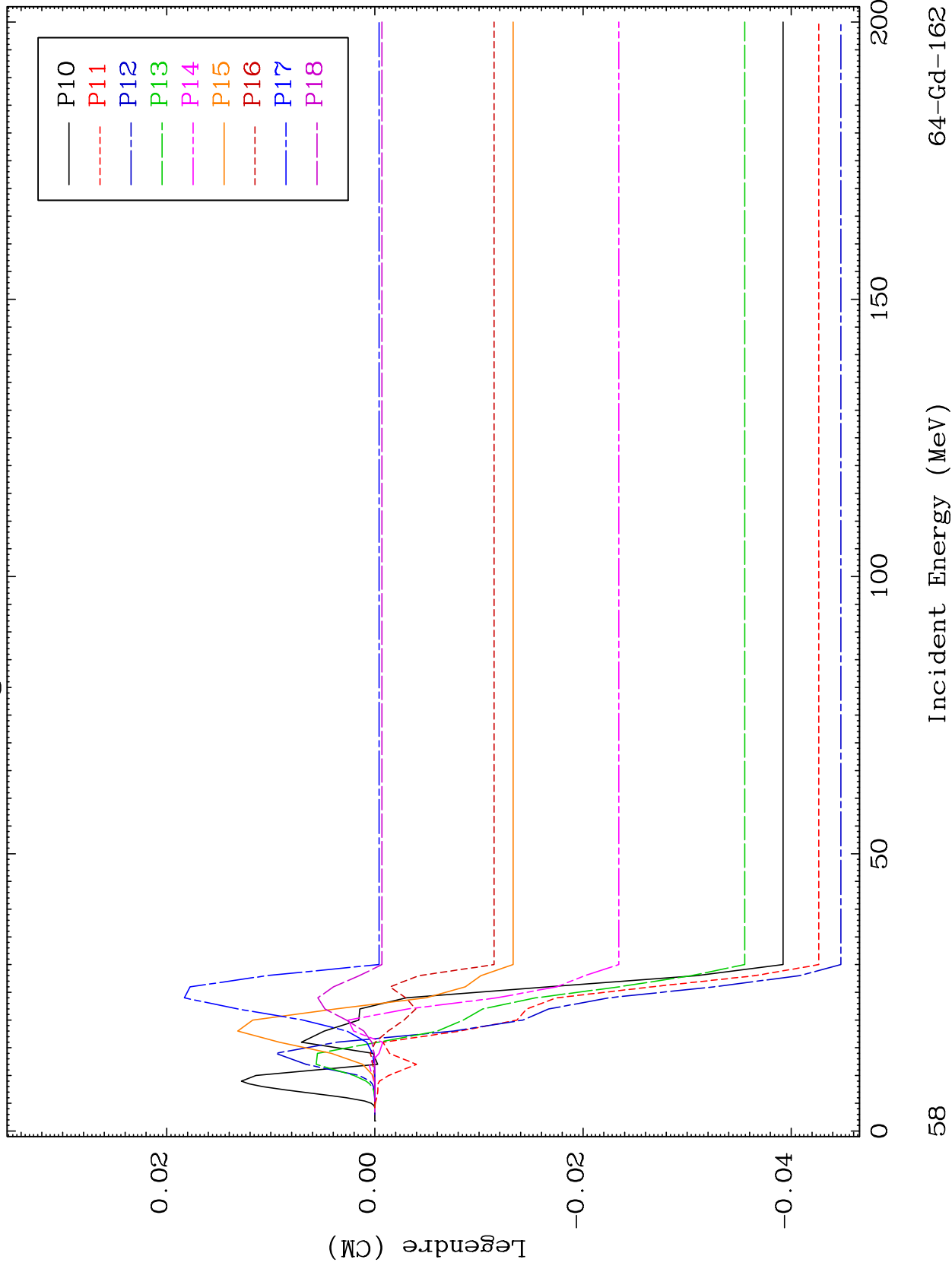
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



64-Gd-162

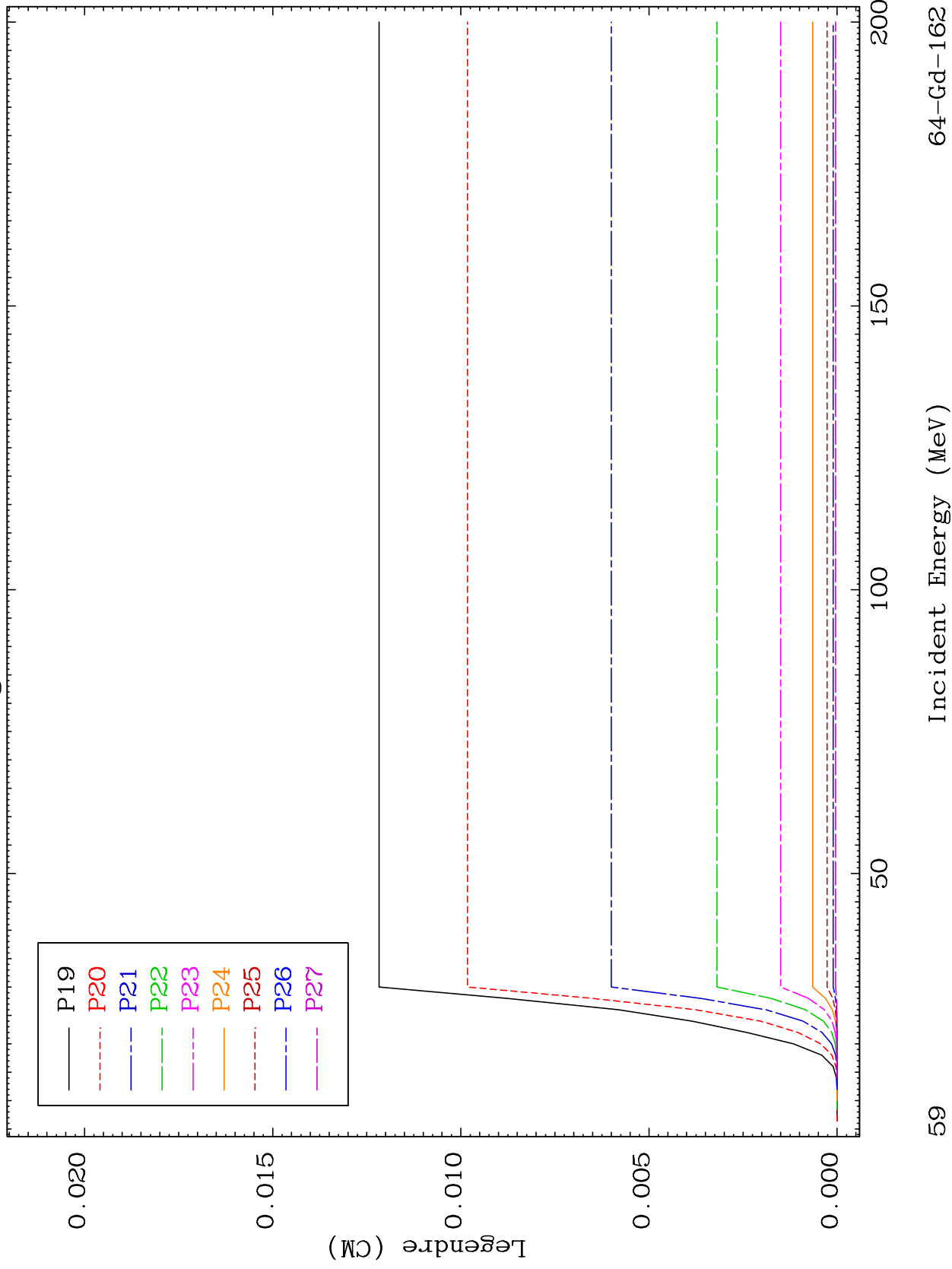
Incident Energy (MeV)

58

MAT 6455

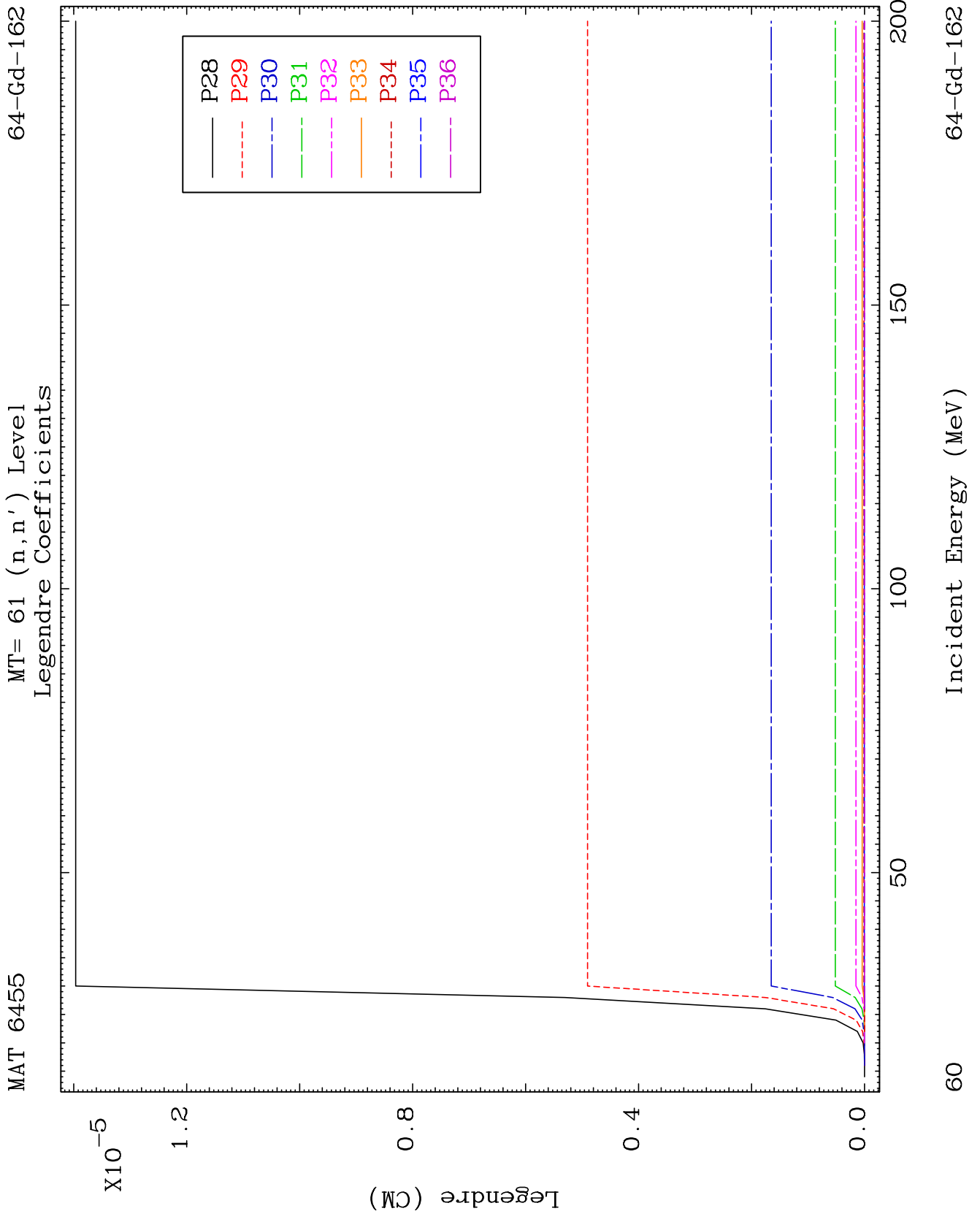
MT= 61 (n,n') Level
Legendre Coefficients

64-Gd-162



59

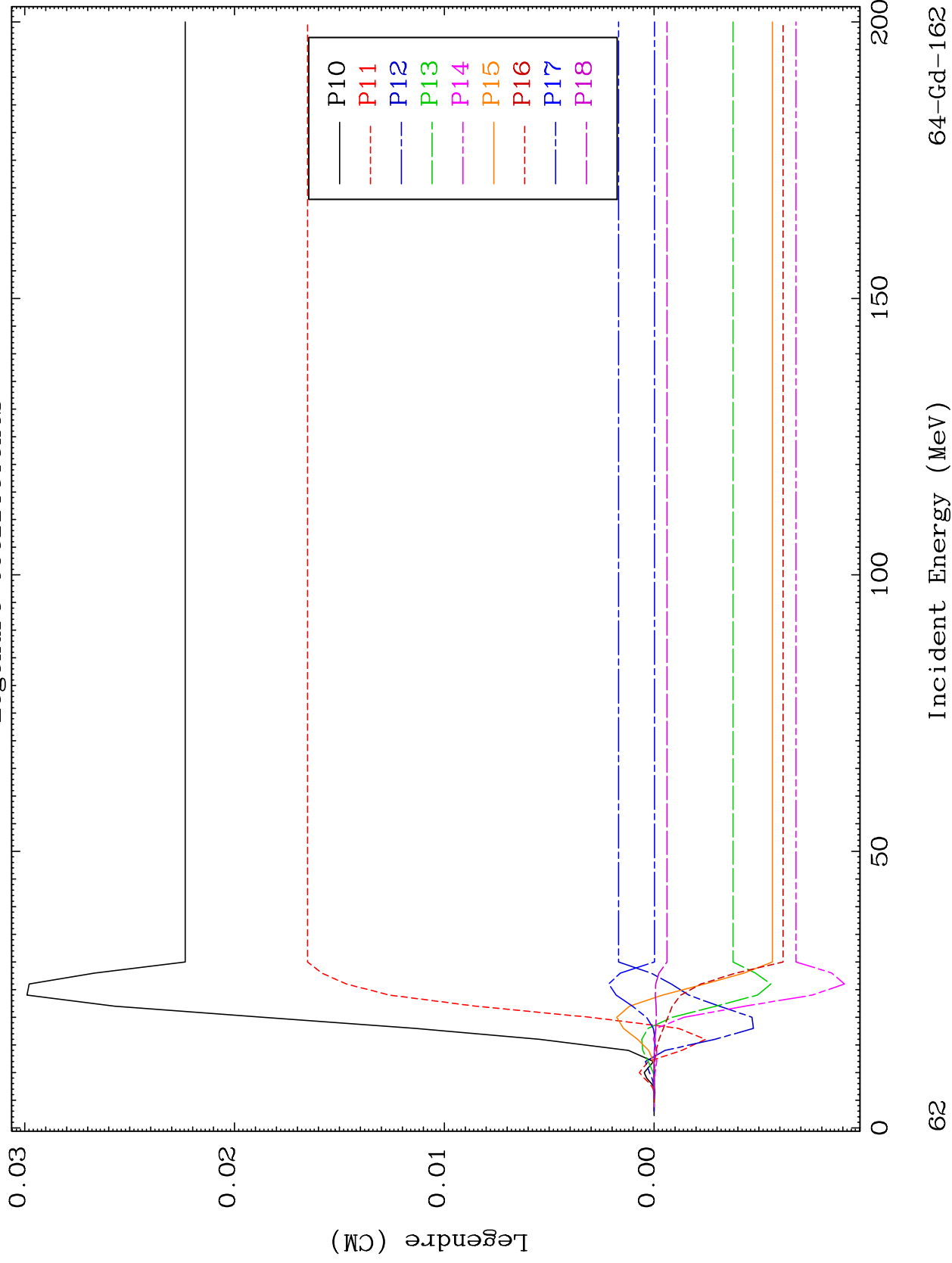
64-Gd-162



MAT 6455

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

64-Gd-162



64-Gd-162

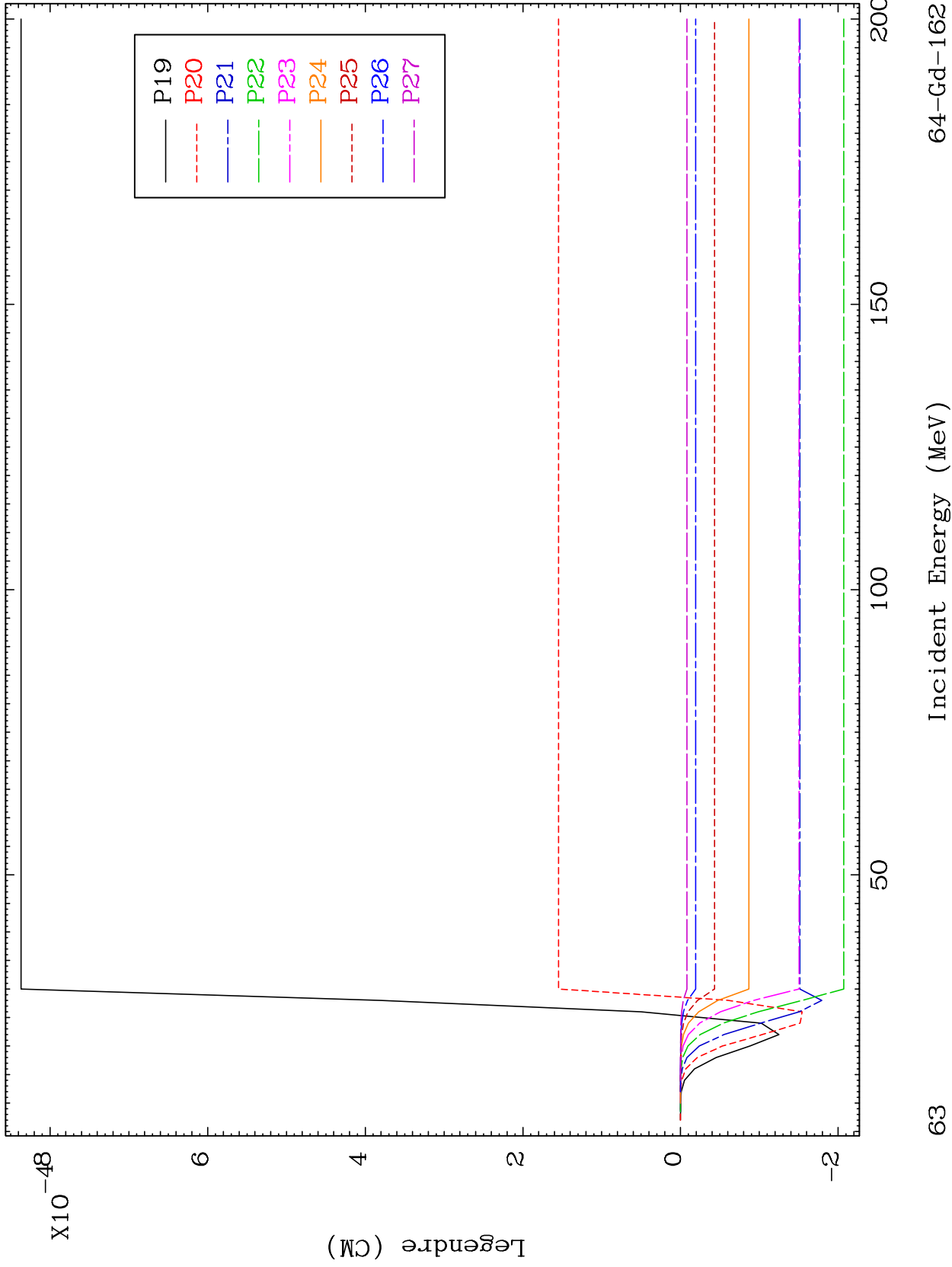
Incident Energy (MeV)

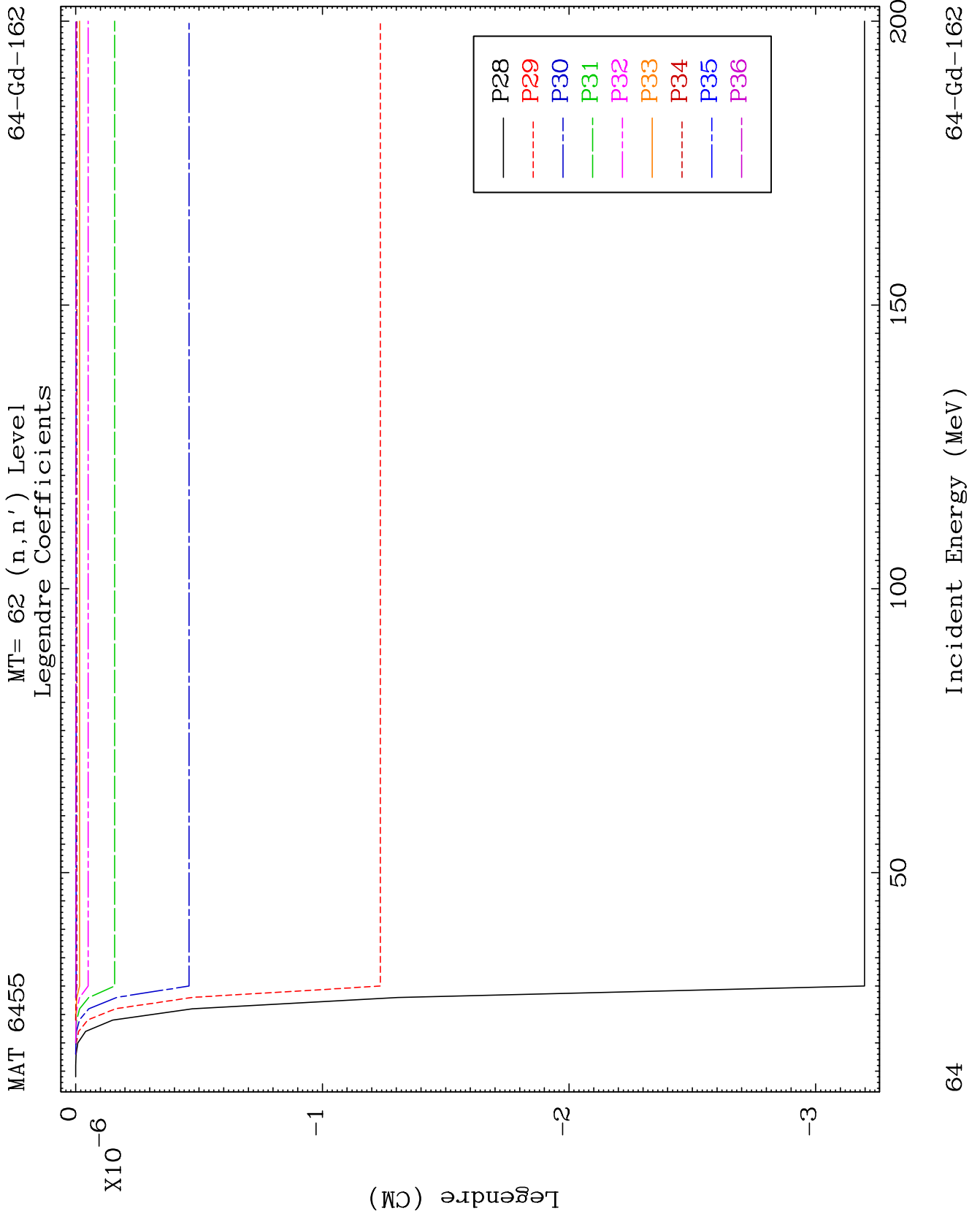
62

MAT 6455

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

64-Gd-162

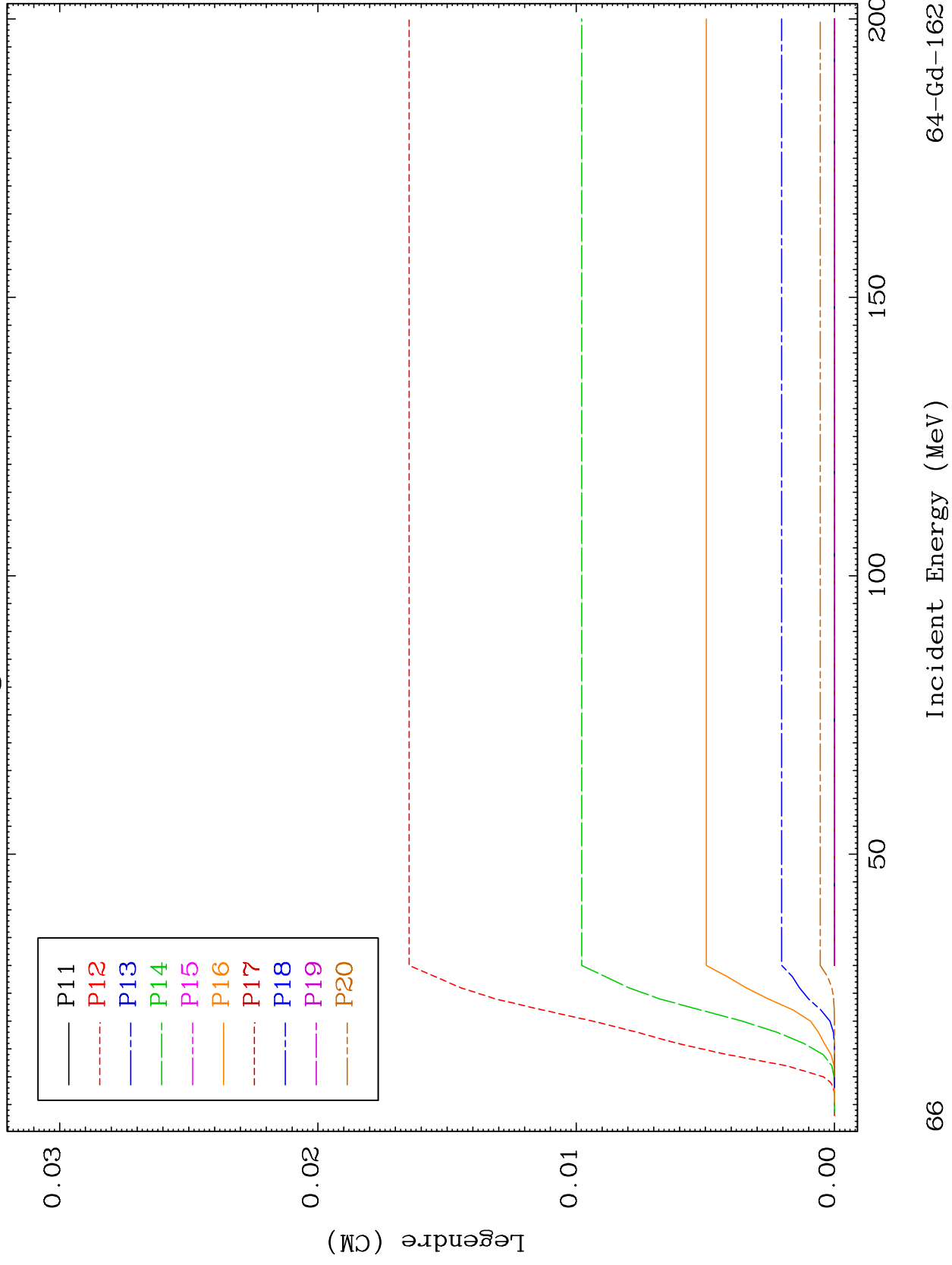




MAT 6455

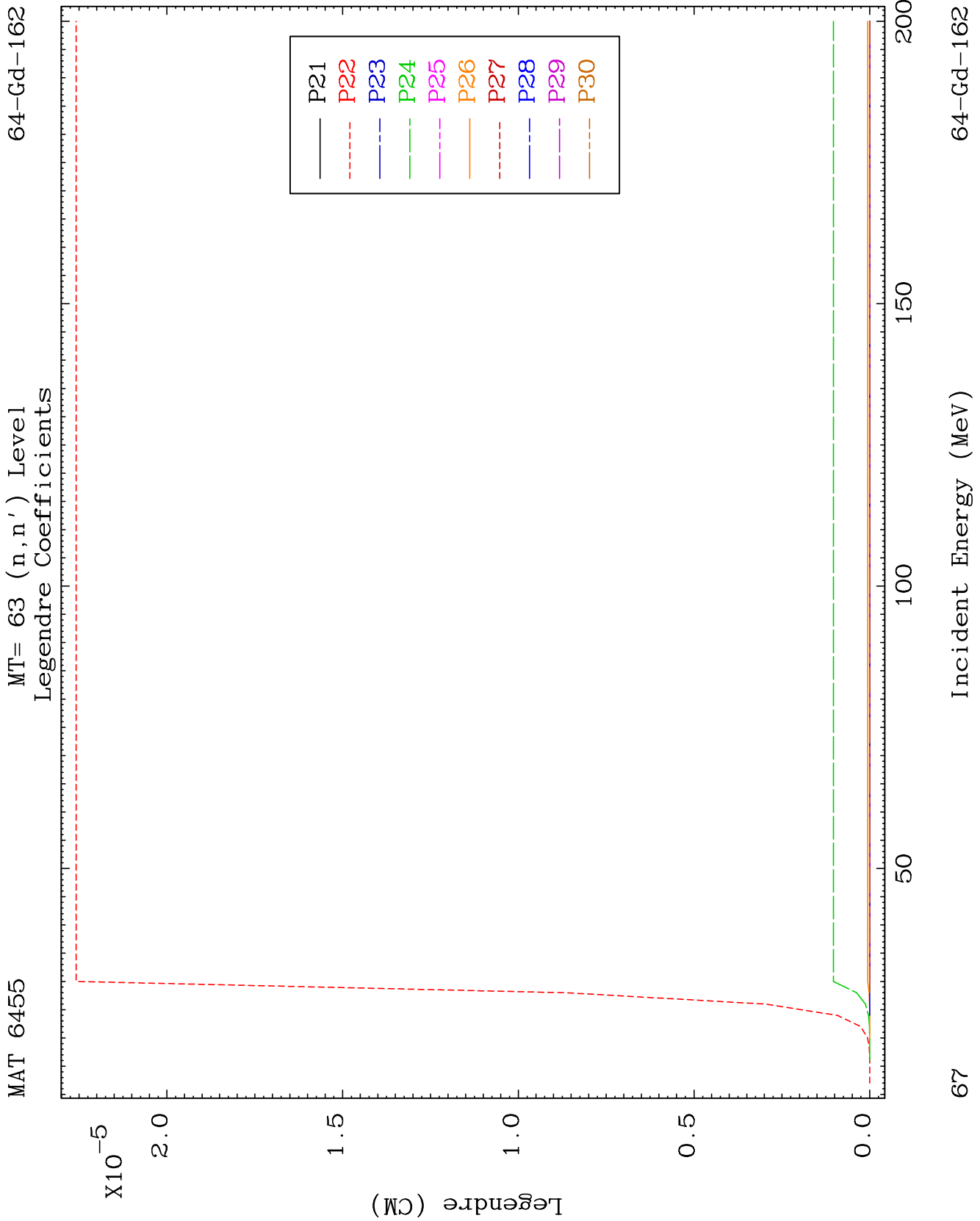
MT= 63 (n,n') Level
Legendre Coefficients

64-Gd-162



66

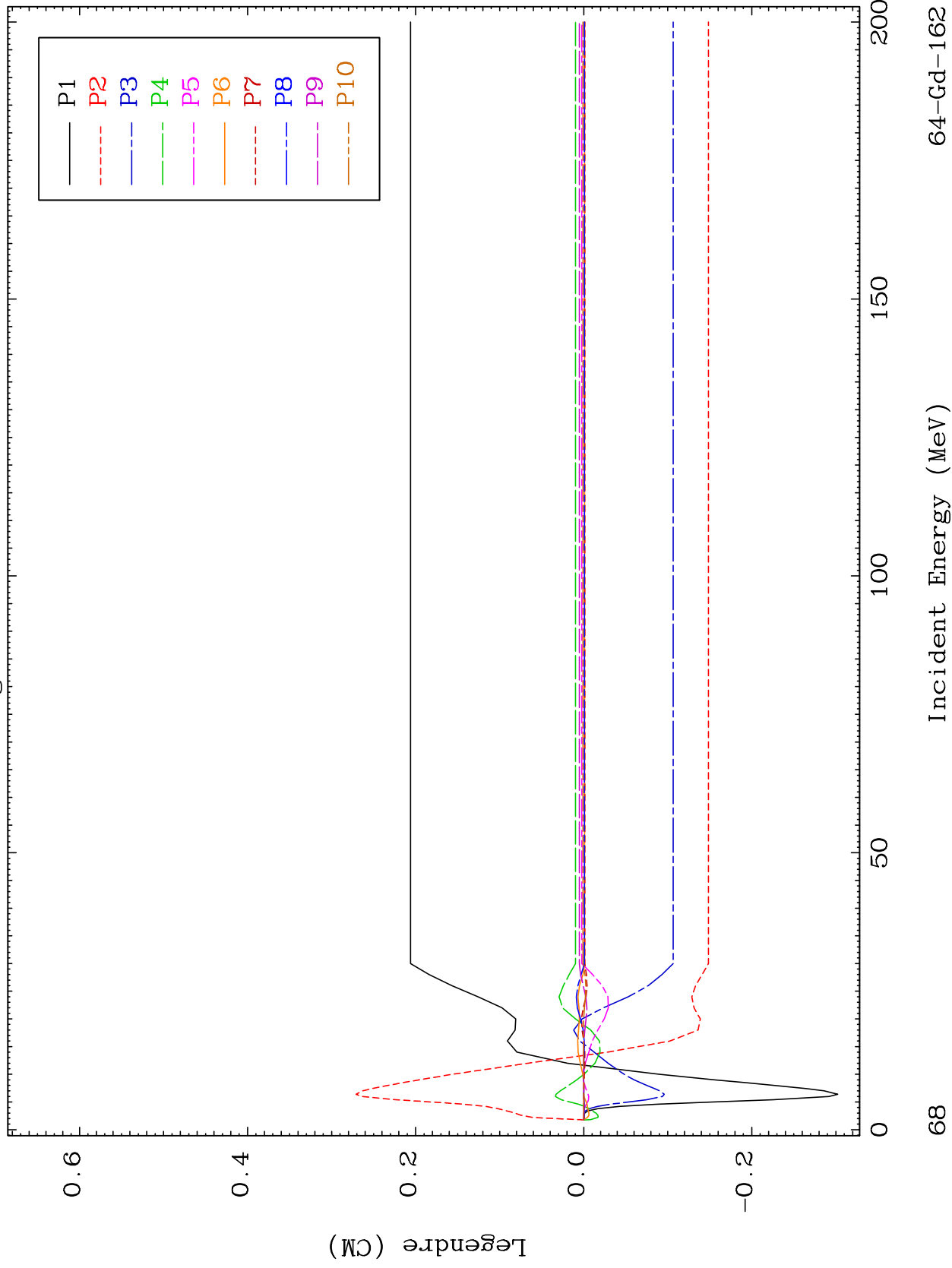
64-Gd-162



MAT 6455

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

64-Gd-162



64-Gd-162

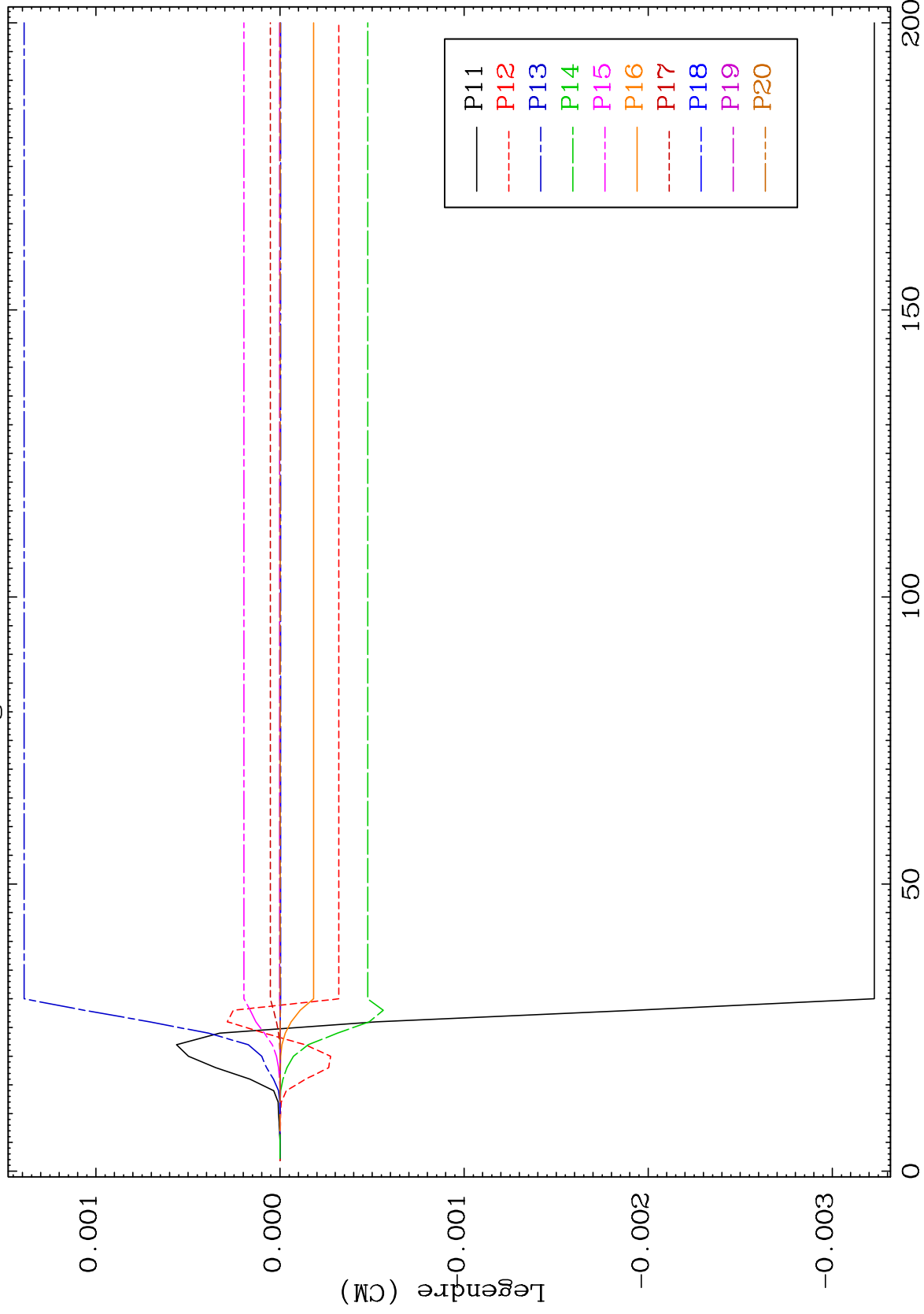
Incident Energy (MeV)

68

MAT 6455

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

64-Gd-162



69

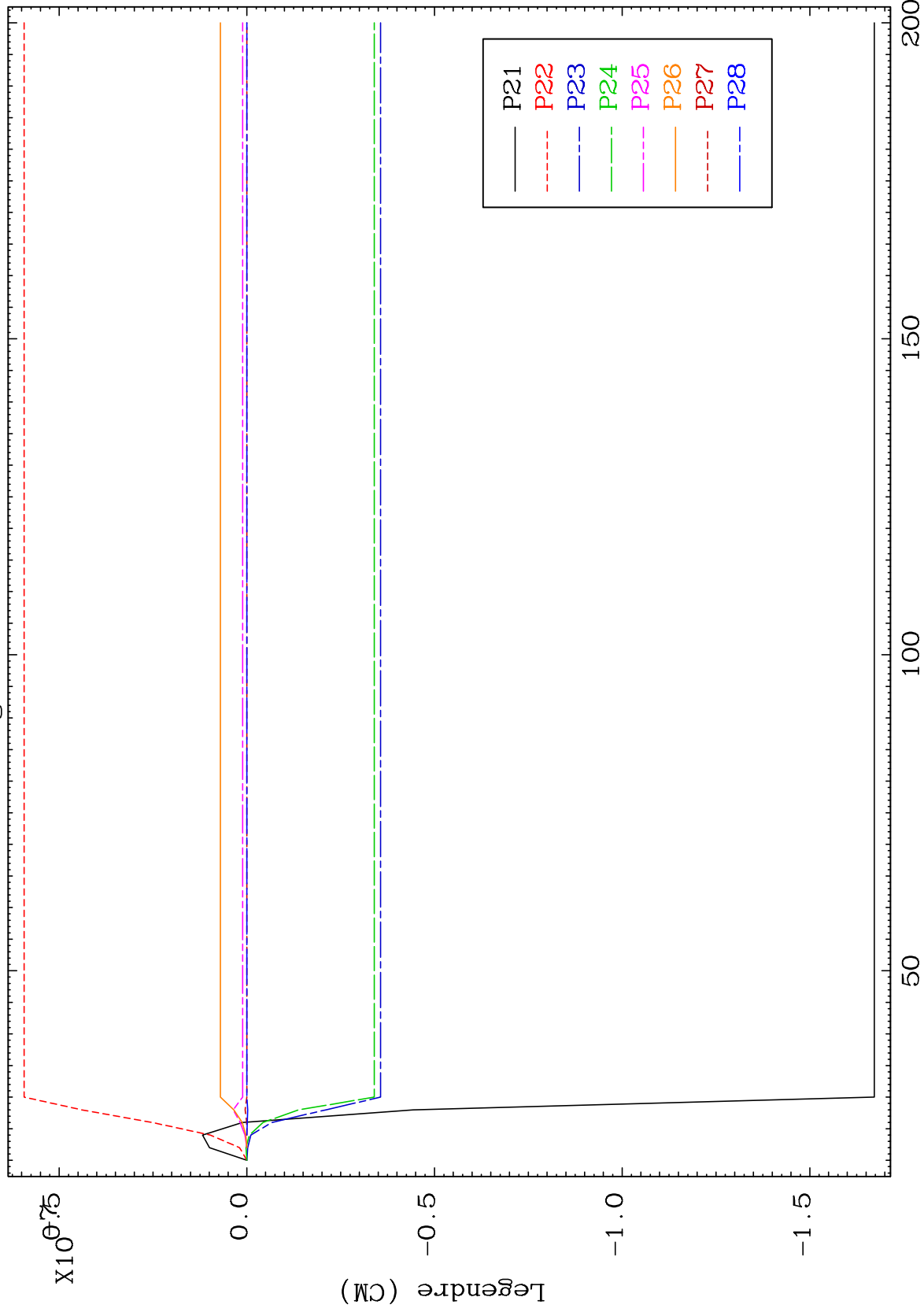
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



70

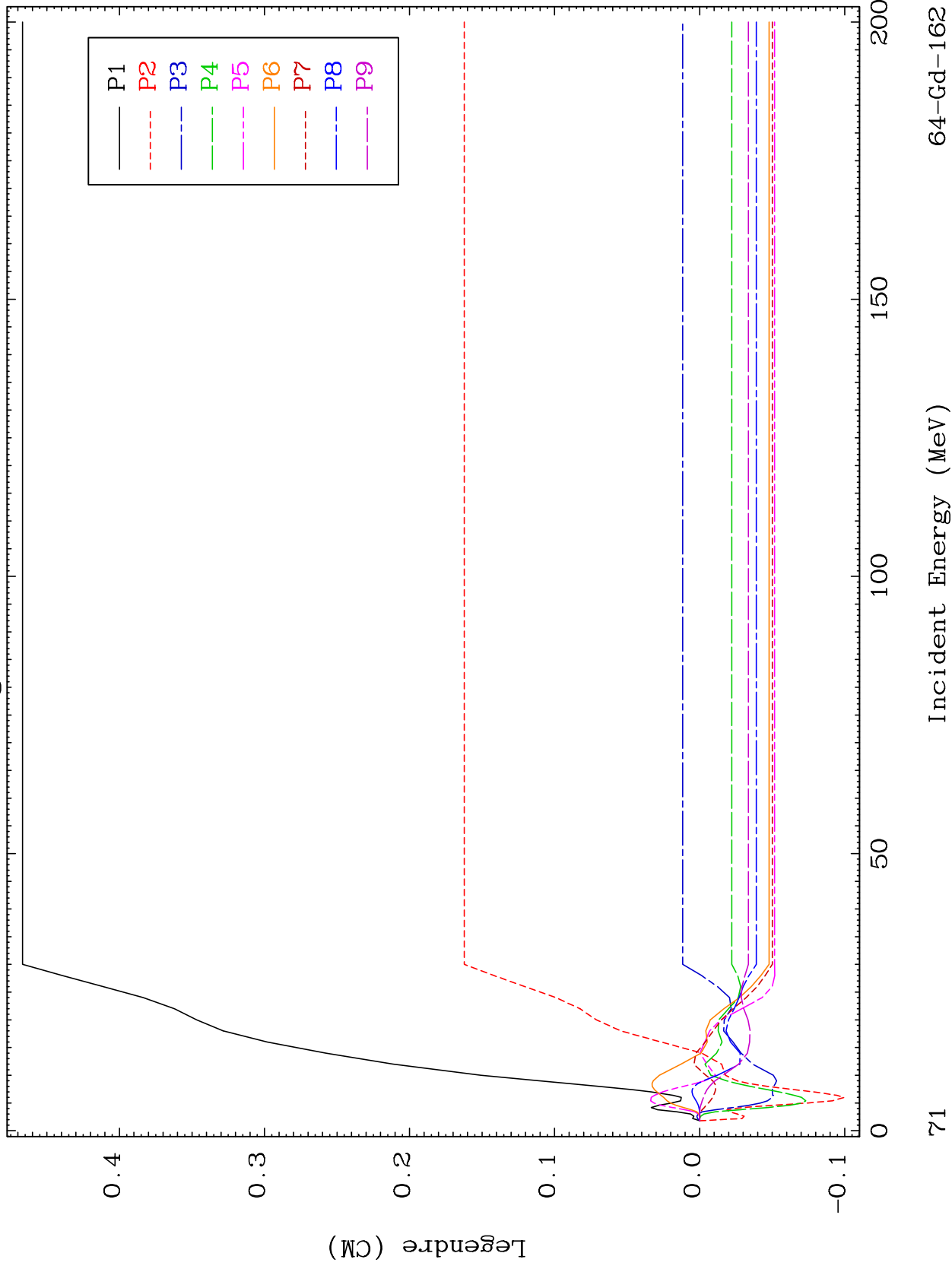
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



64-Gd-162

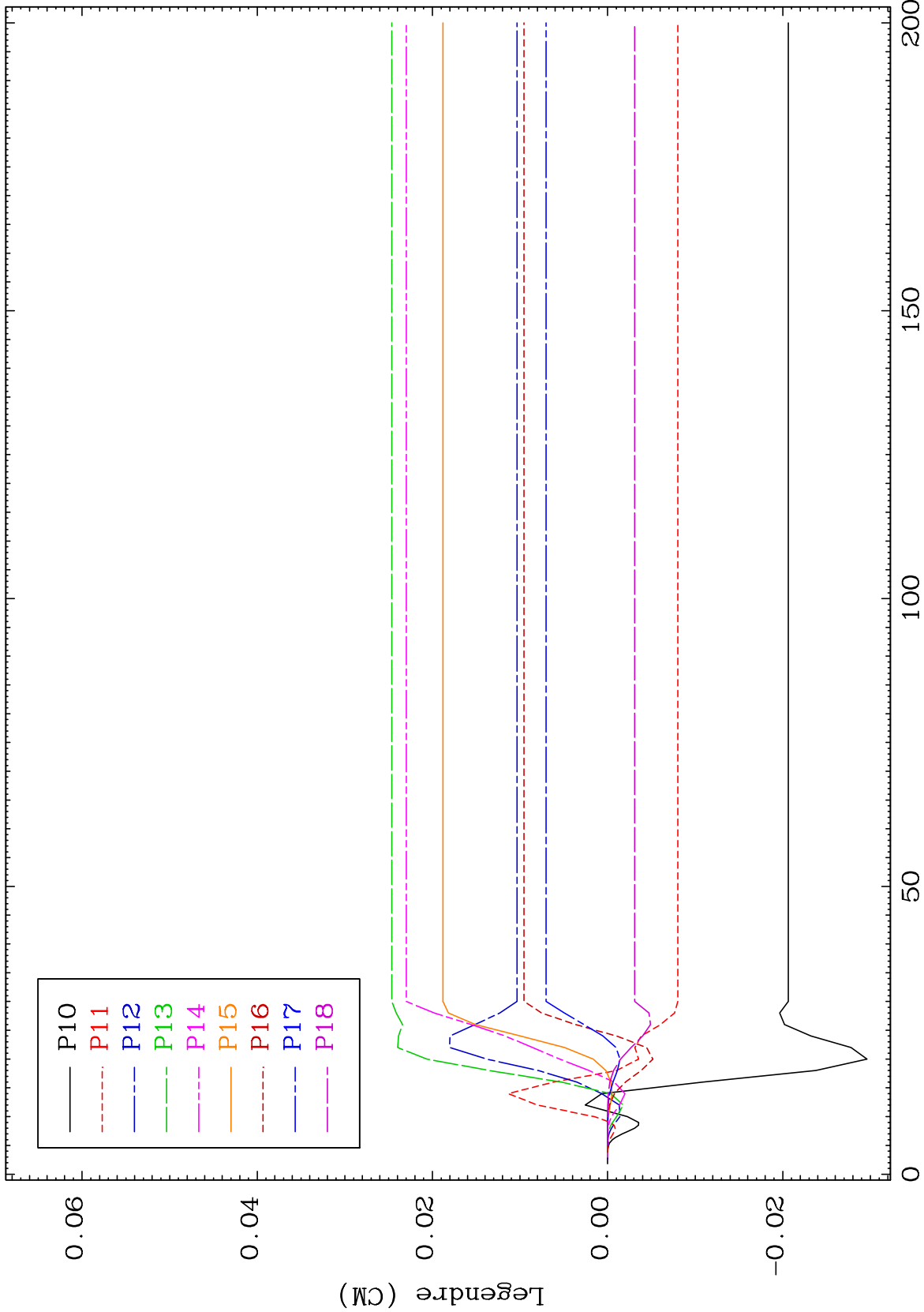
Incident Energy (MeV)

71

MAT 6455

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

64-Gd-162



72

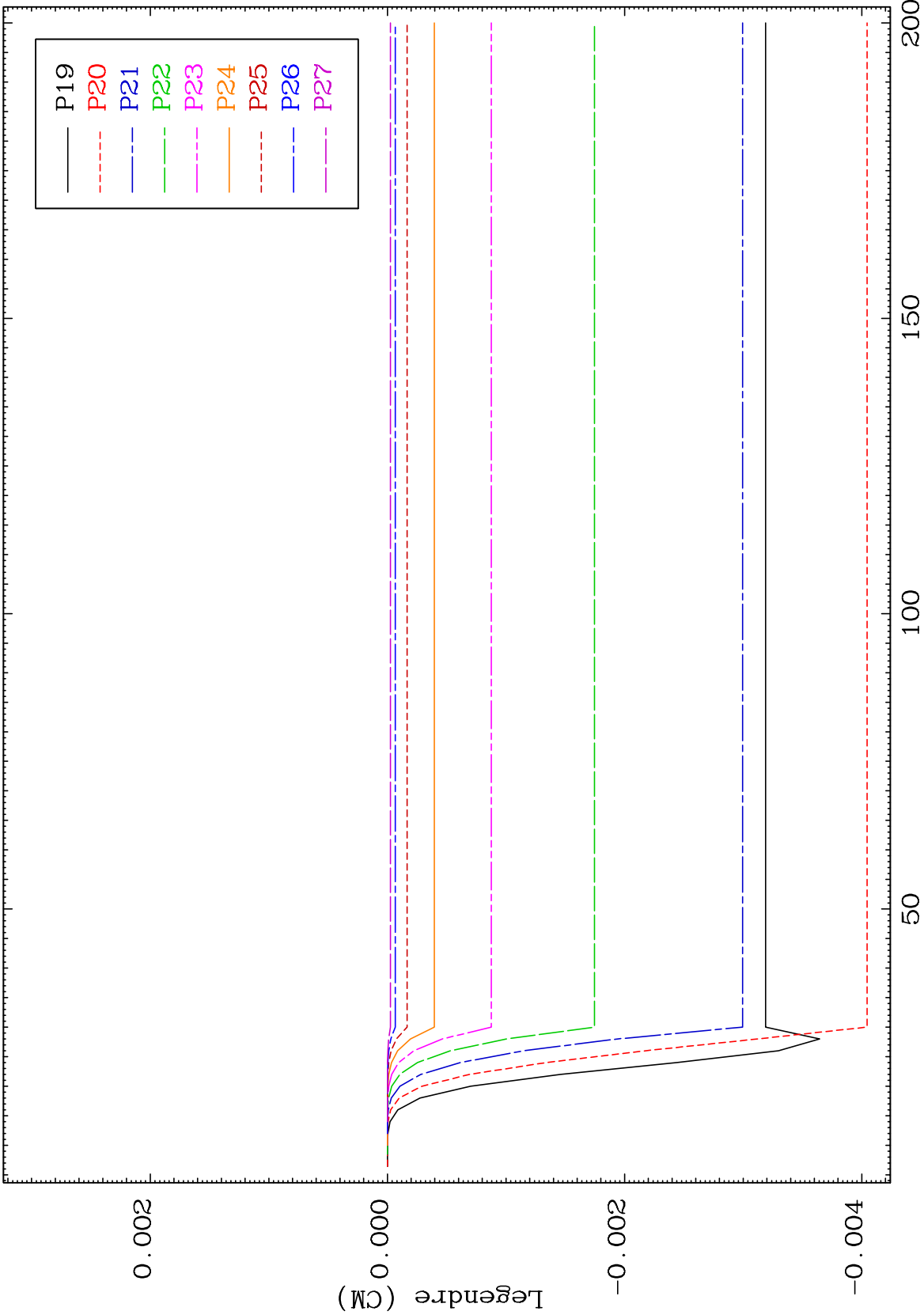
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

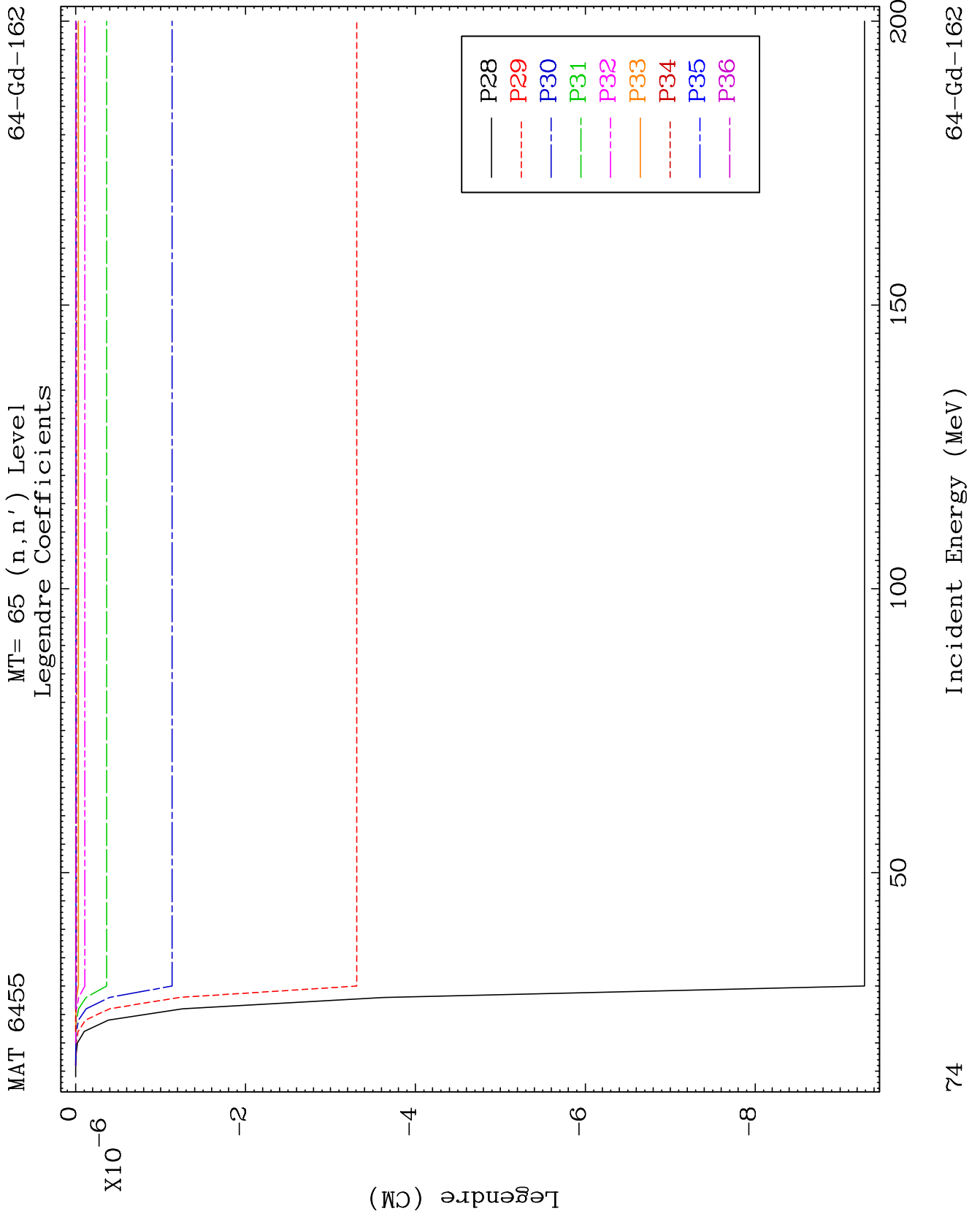
64-Gd-162

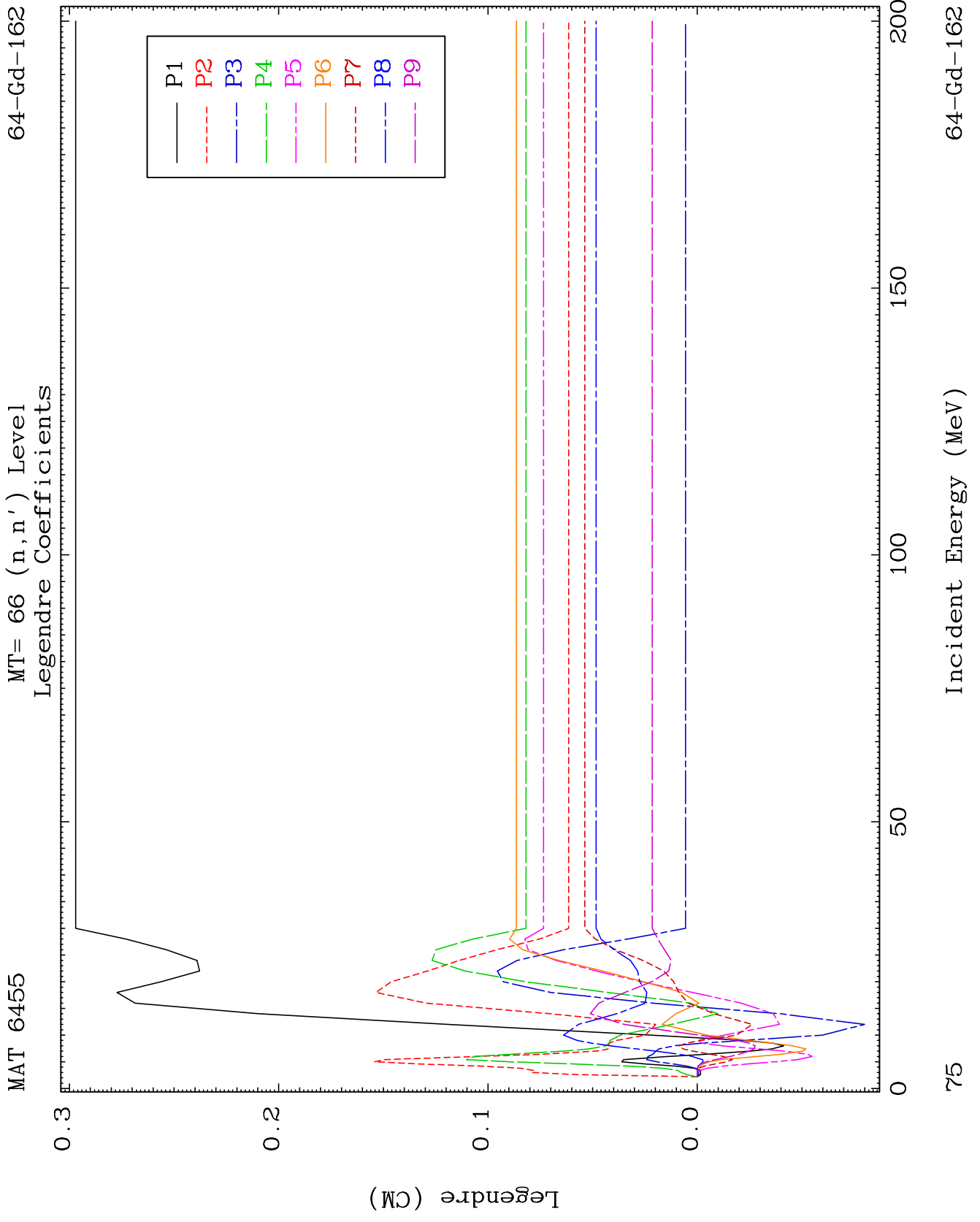


73

Incident Energy (MeV)

64-Gd-162

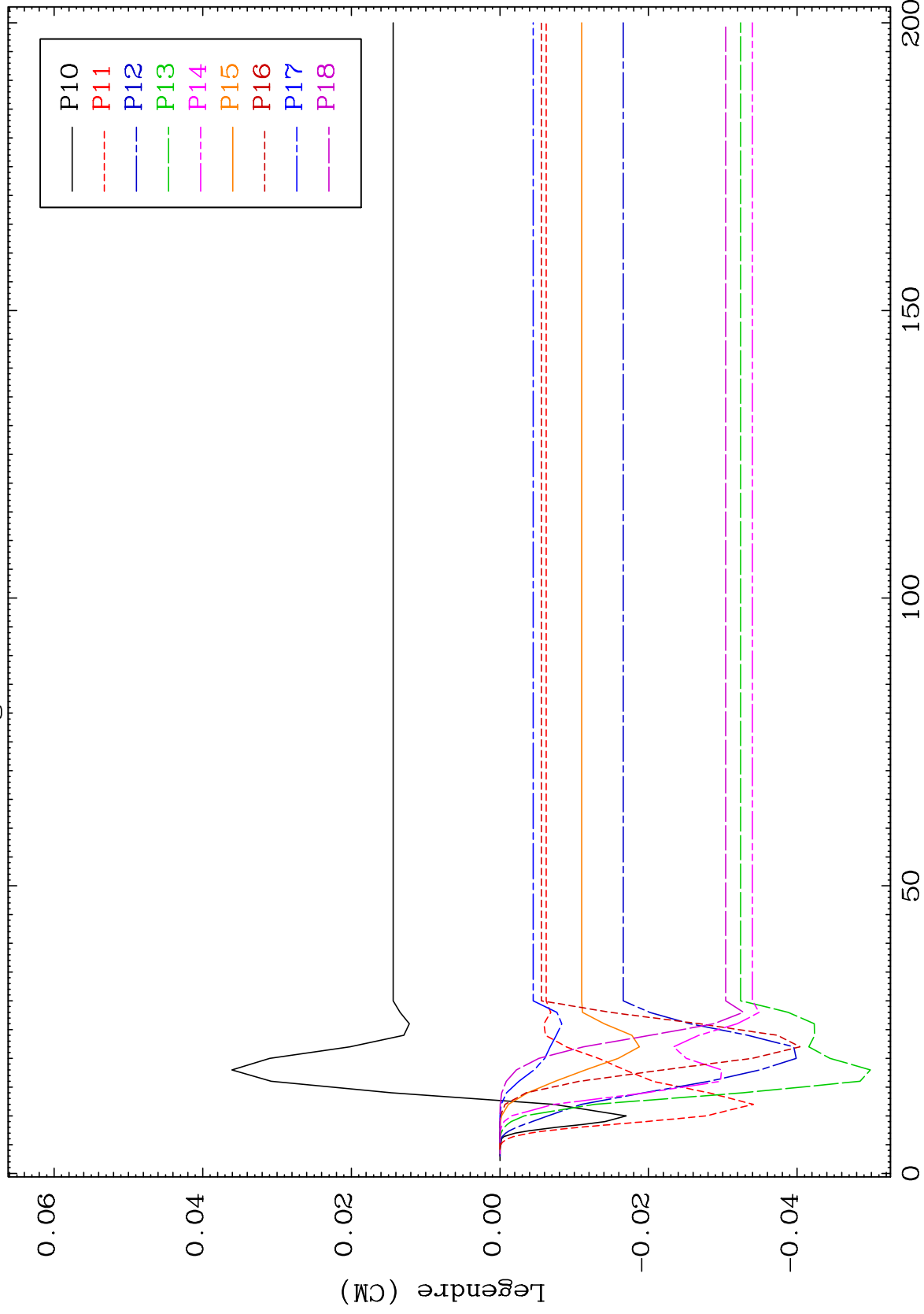




MAT 6455

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

64-Gd-162



76

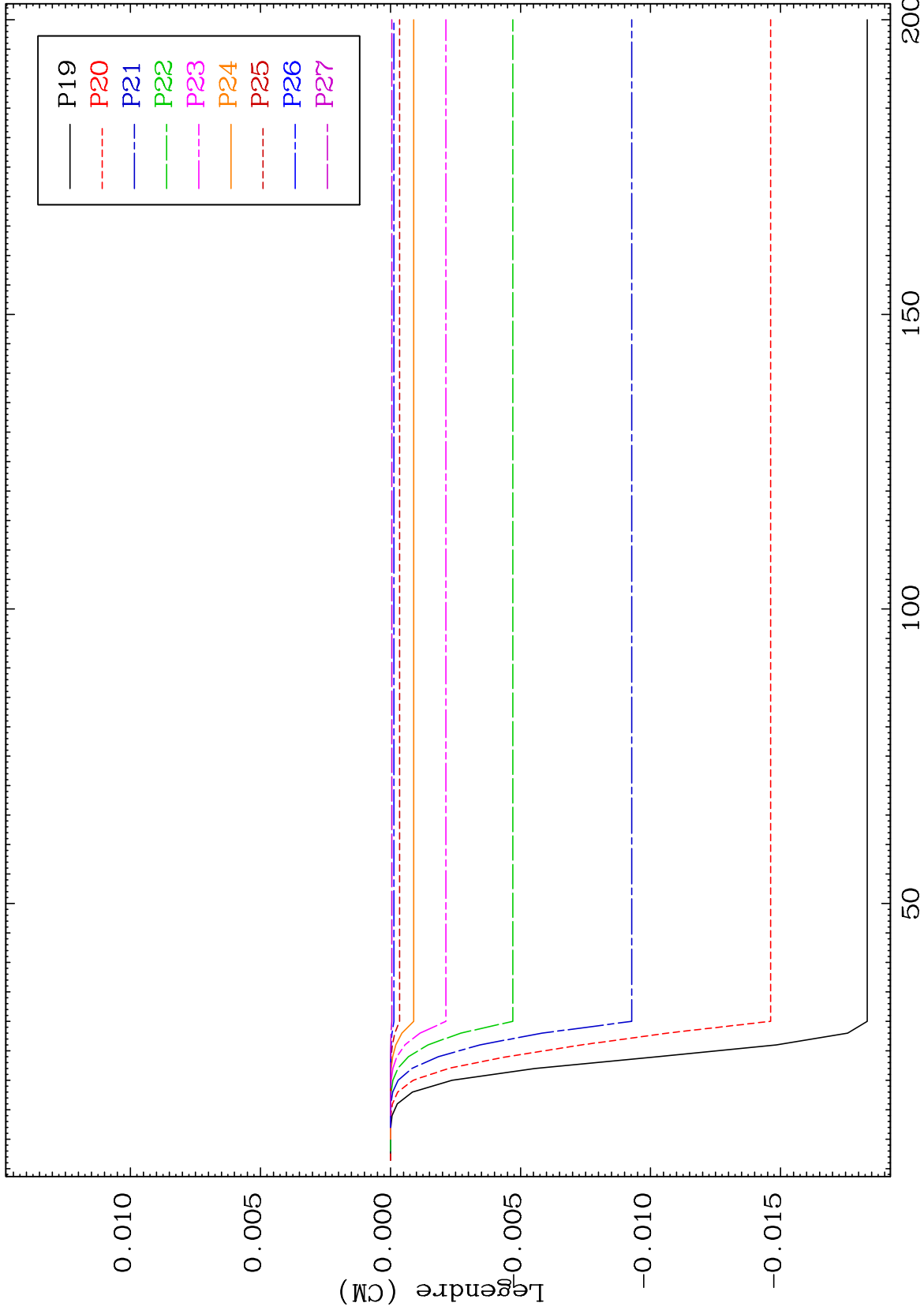
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



77

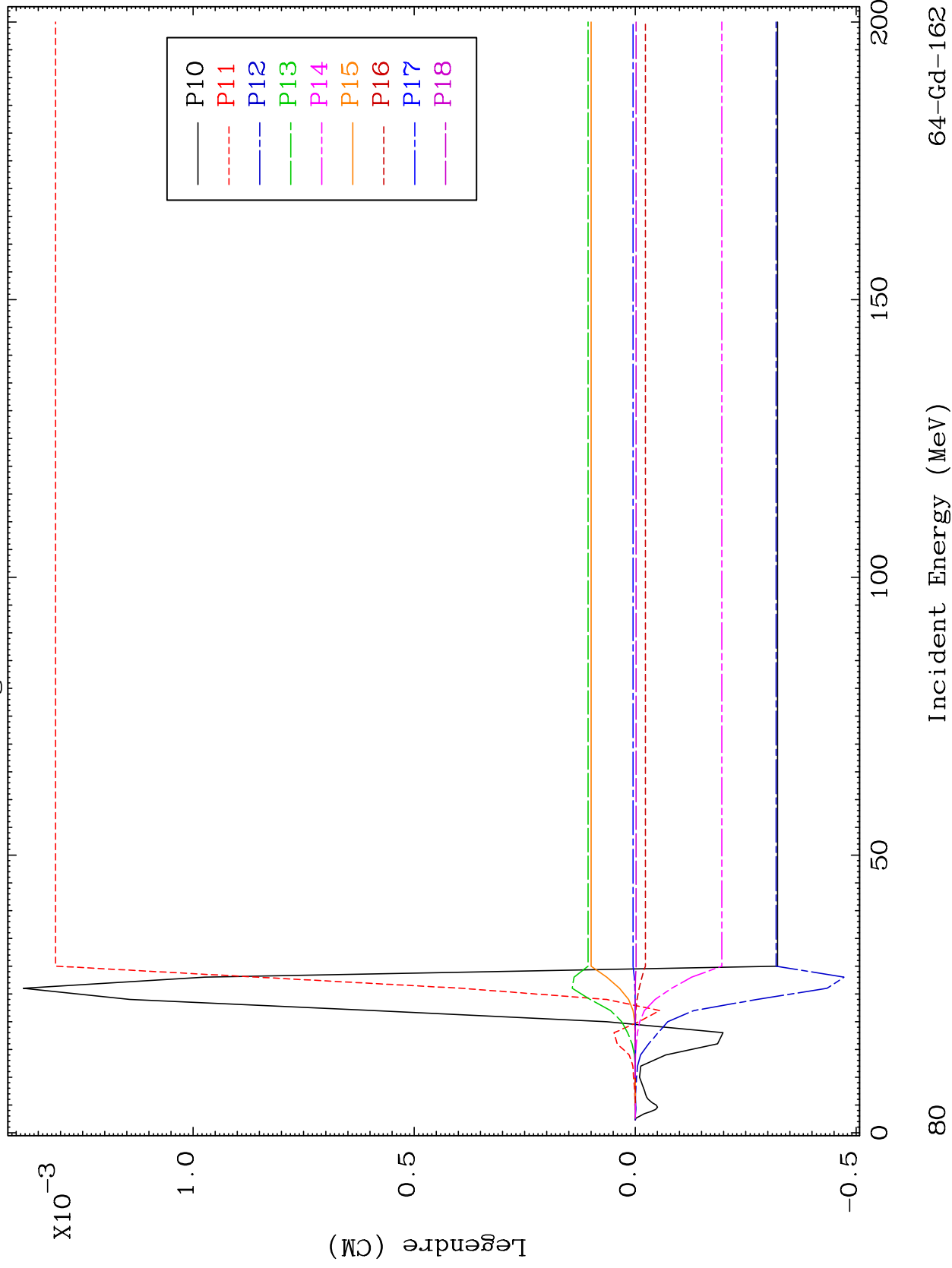
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

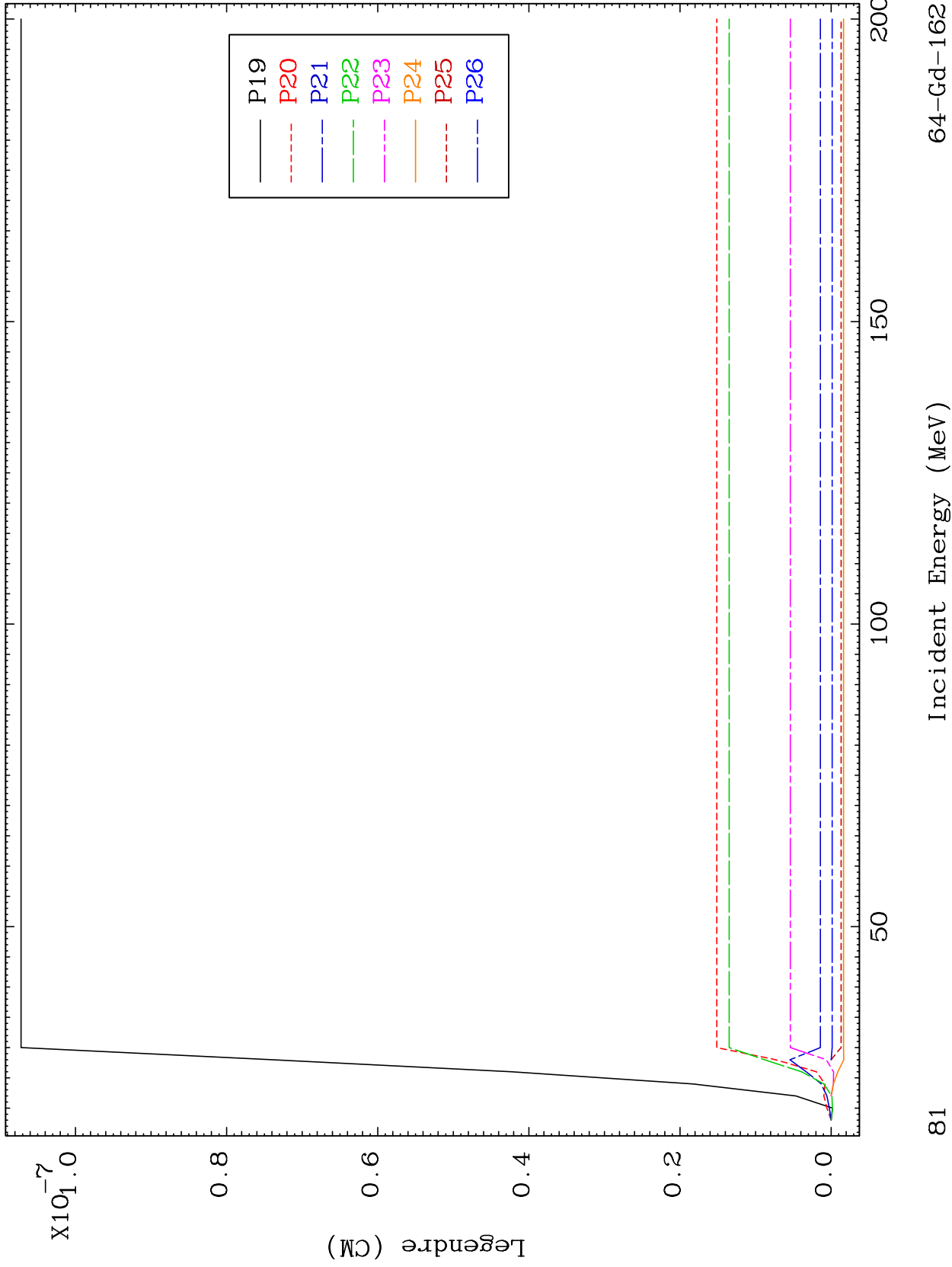
64-Gd-162



MAT 6455

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

64-Gd-162



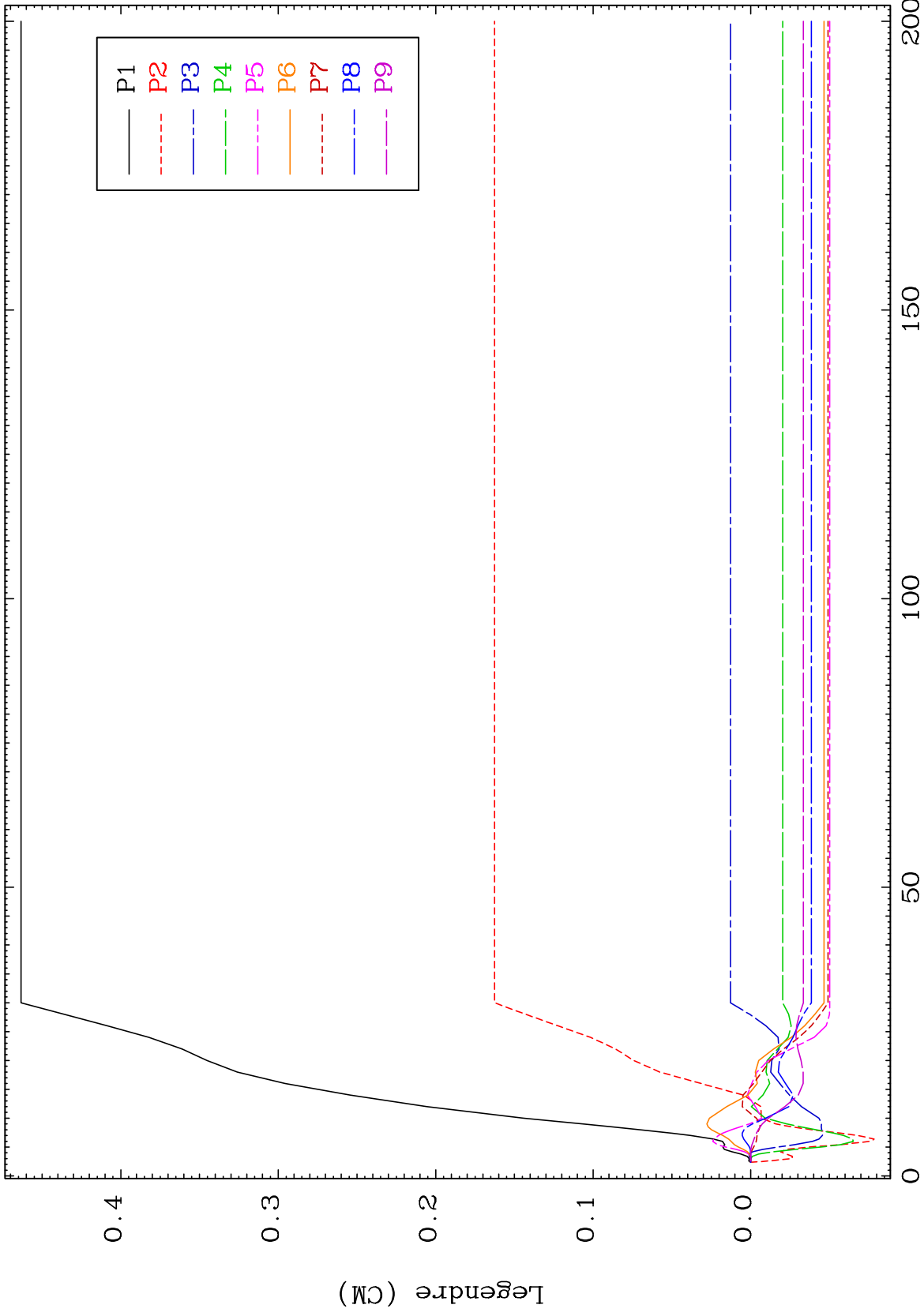
81

64-Gd-162

MAT 6455

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

64-Gd-162



82

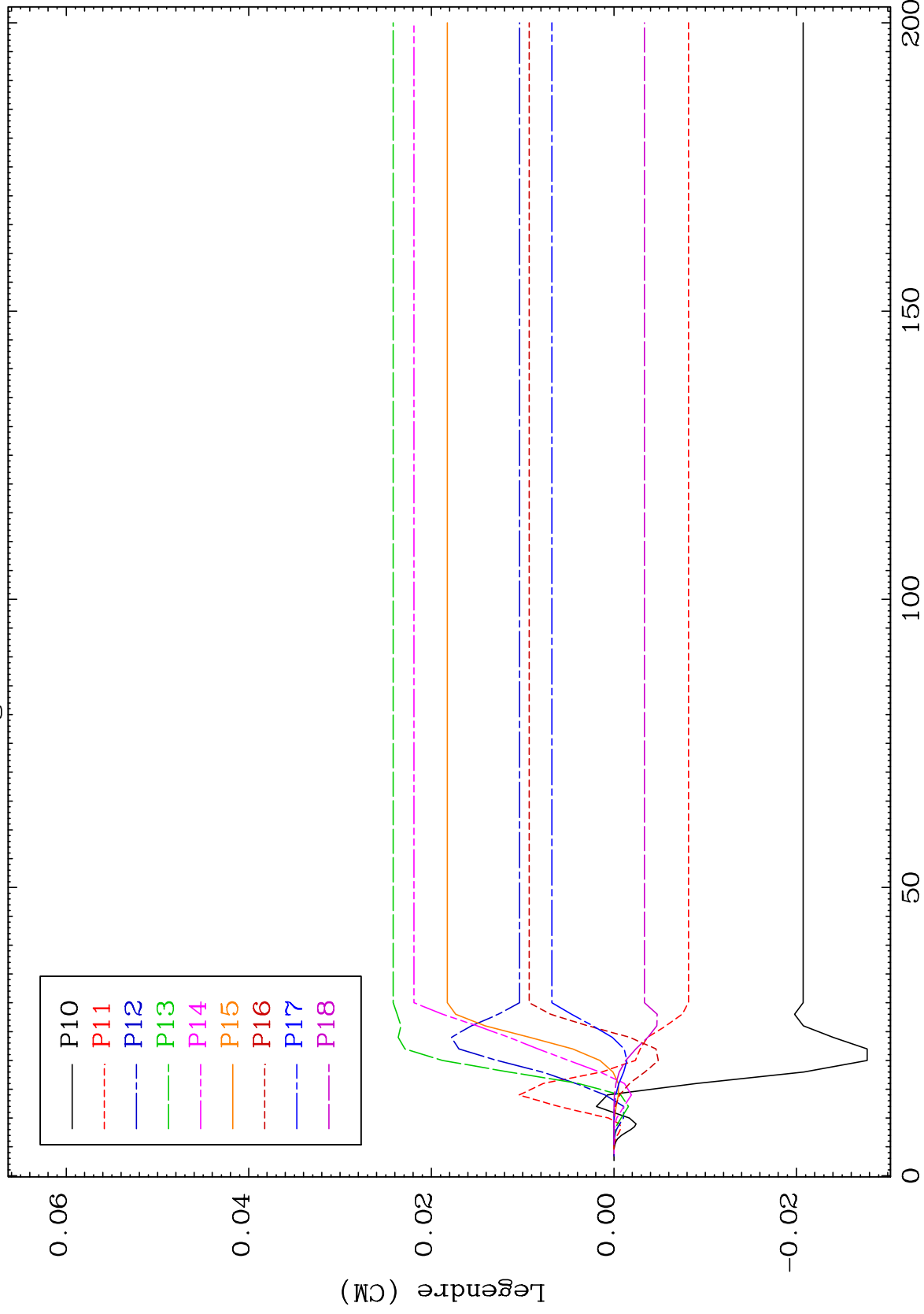
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

64-Gd-162



83

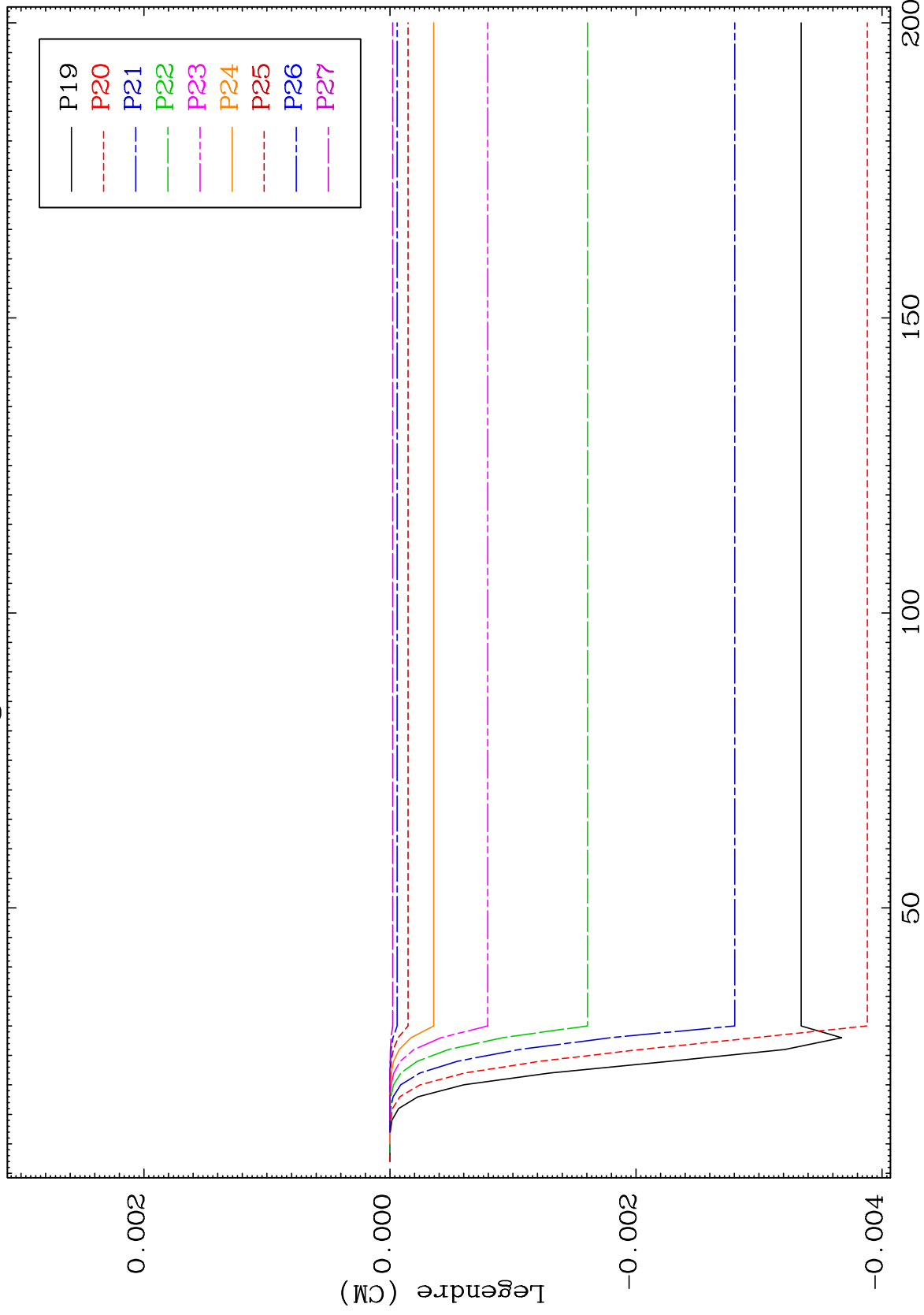
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

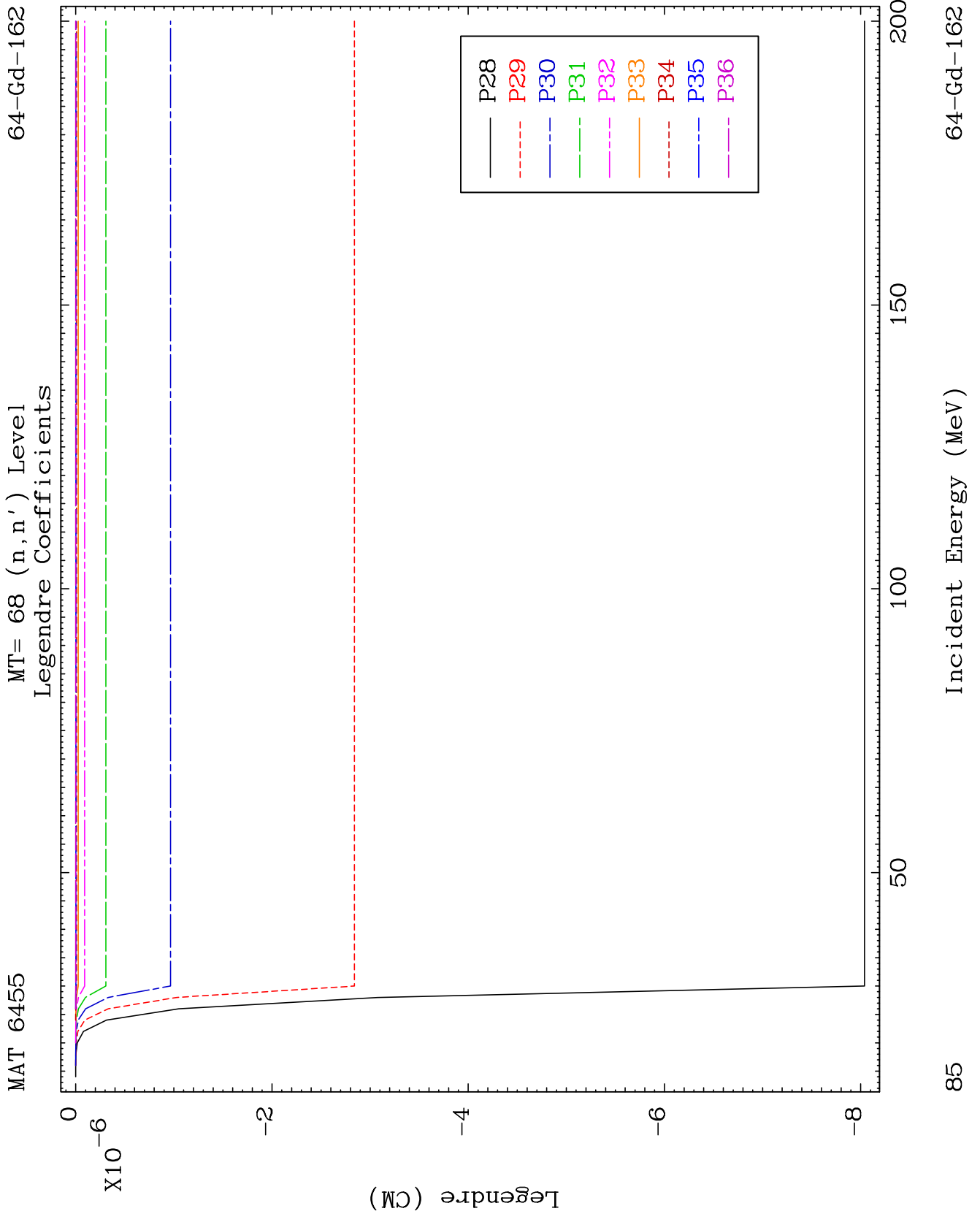
64-Gd-162



84

Incident Energy (MeV)

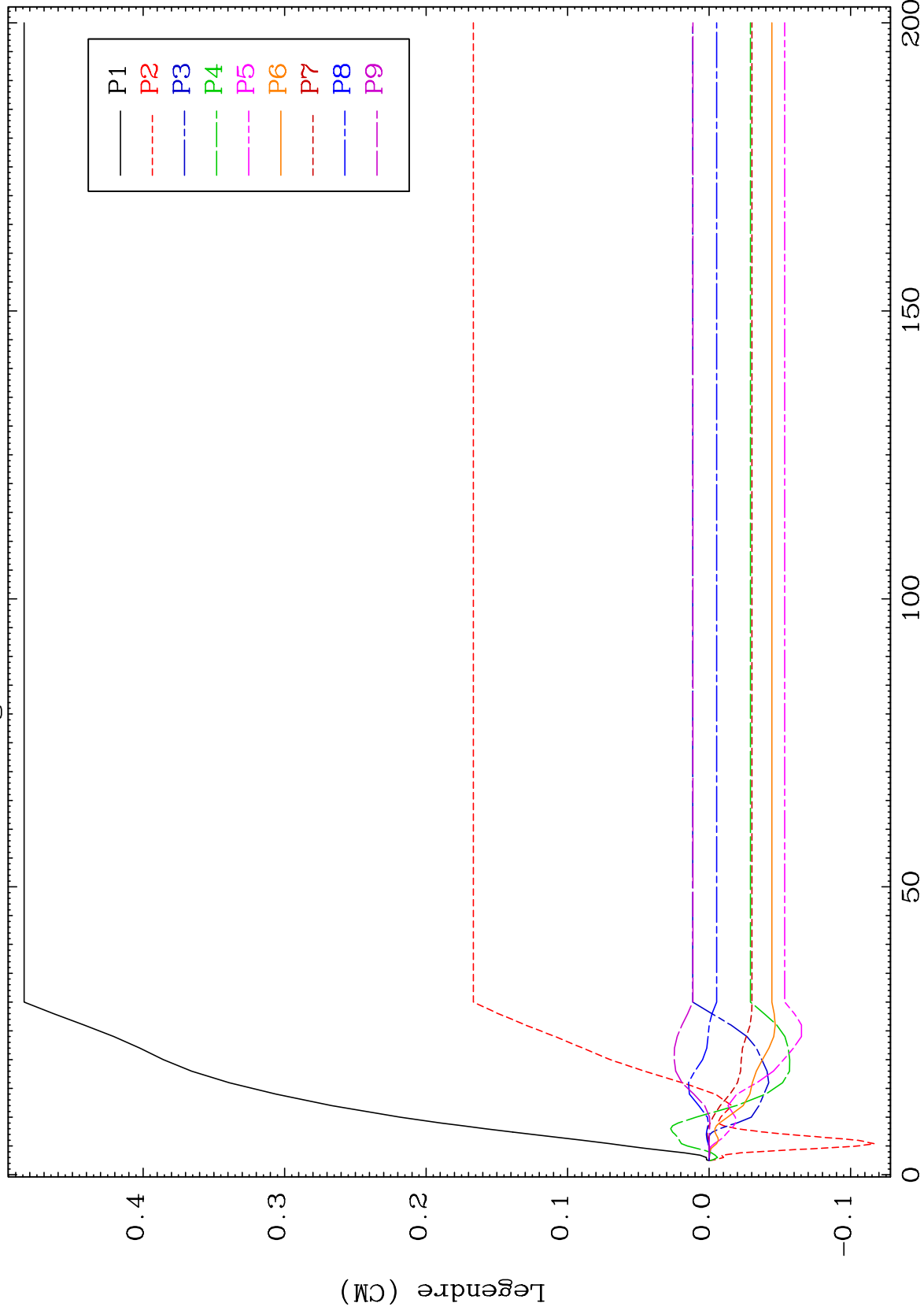
64-Gd-162



MAT 6455

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

64-Gd-162



86

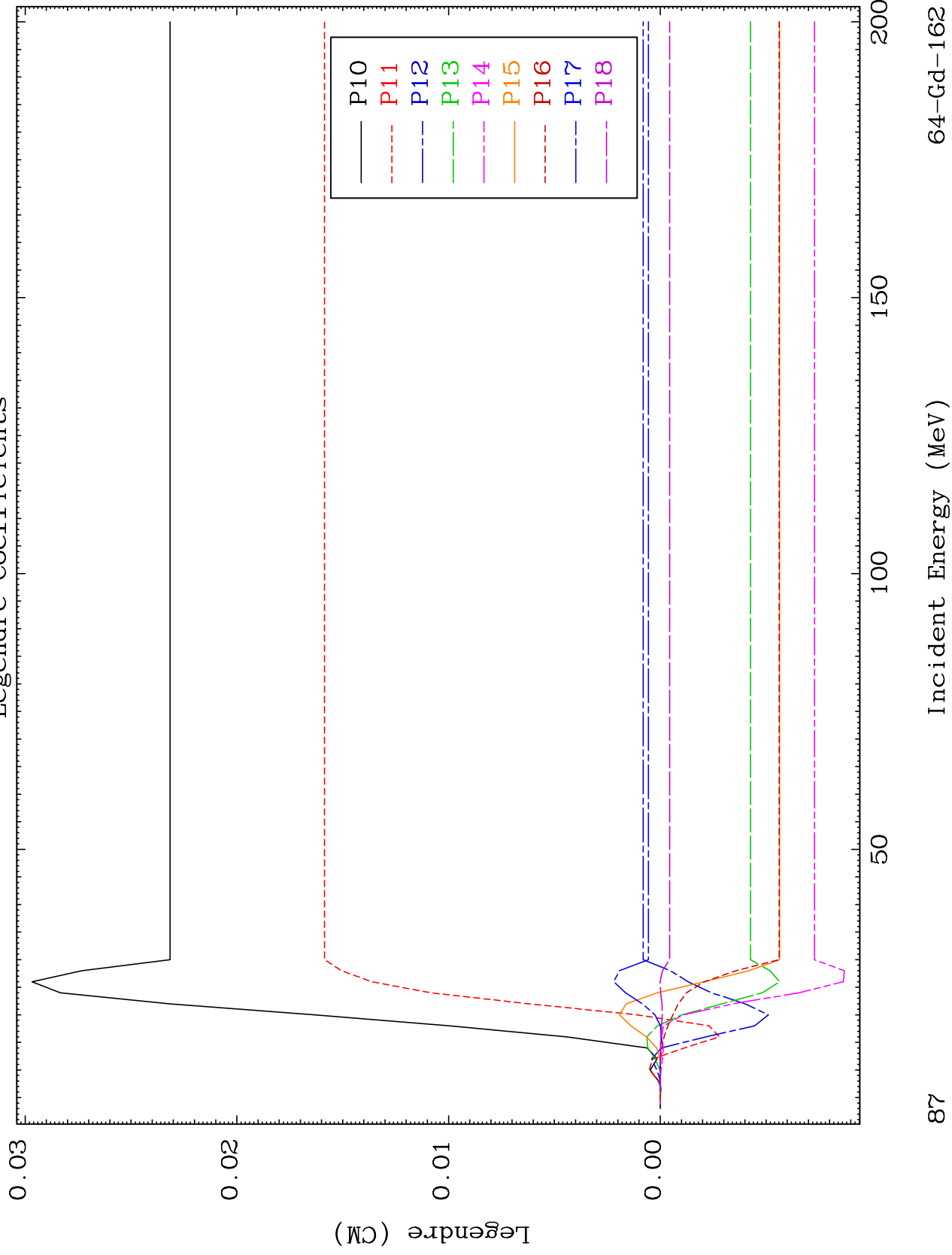
Incident Energy (MeV)

64-Gd-162

MAT 6455

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

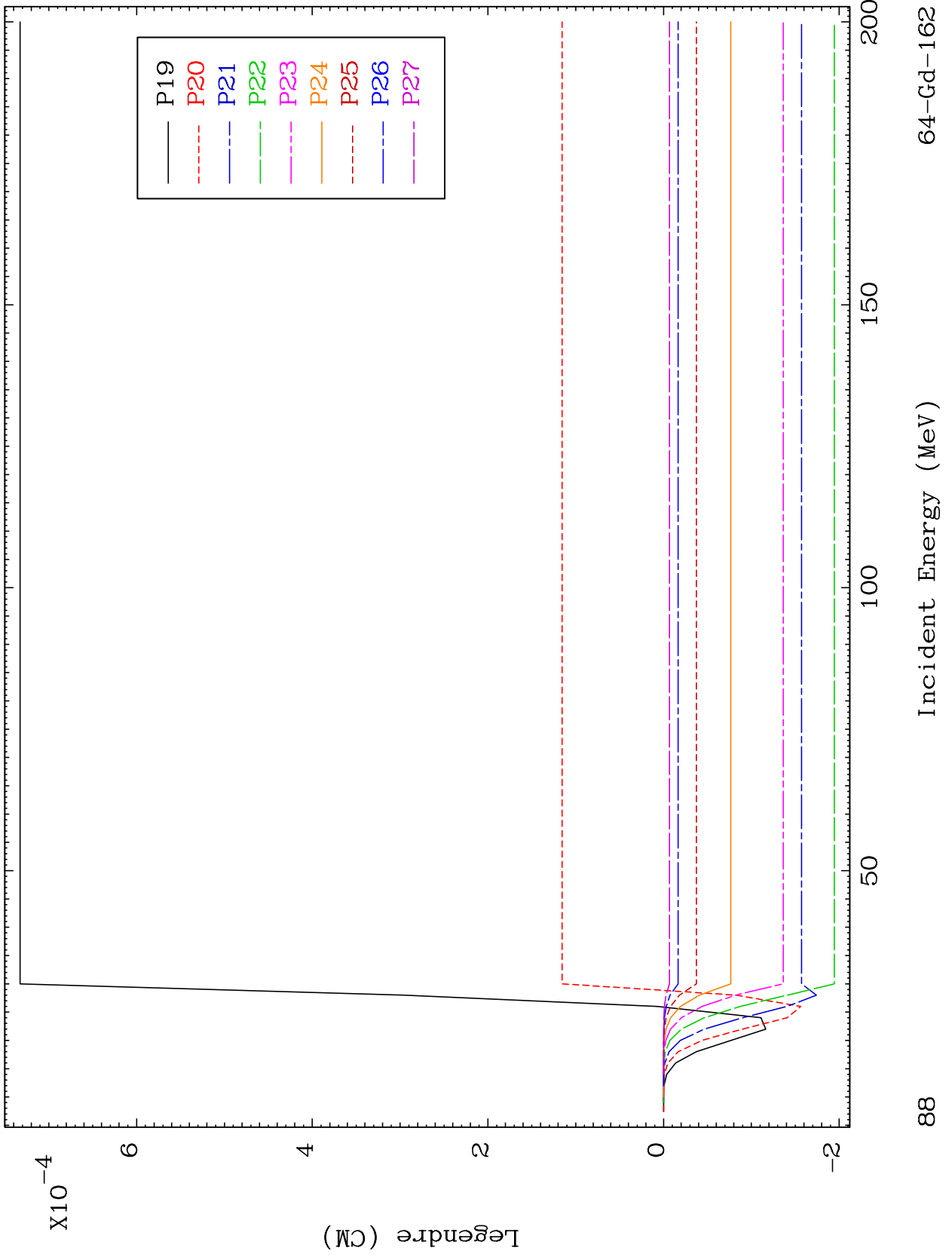
64-Gd-162

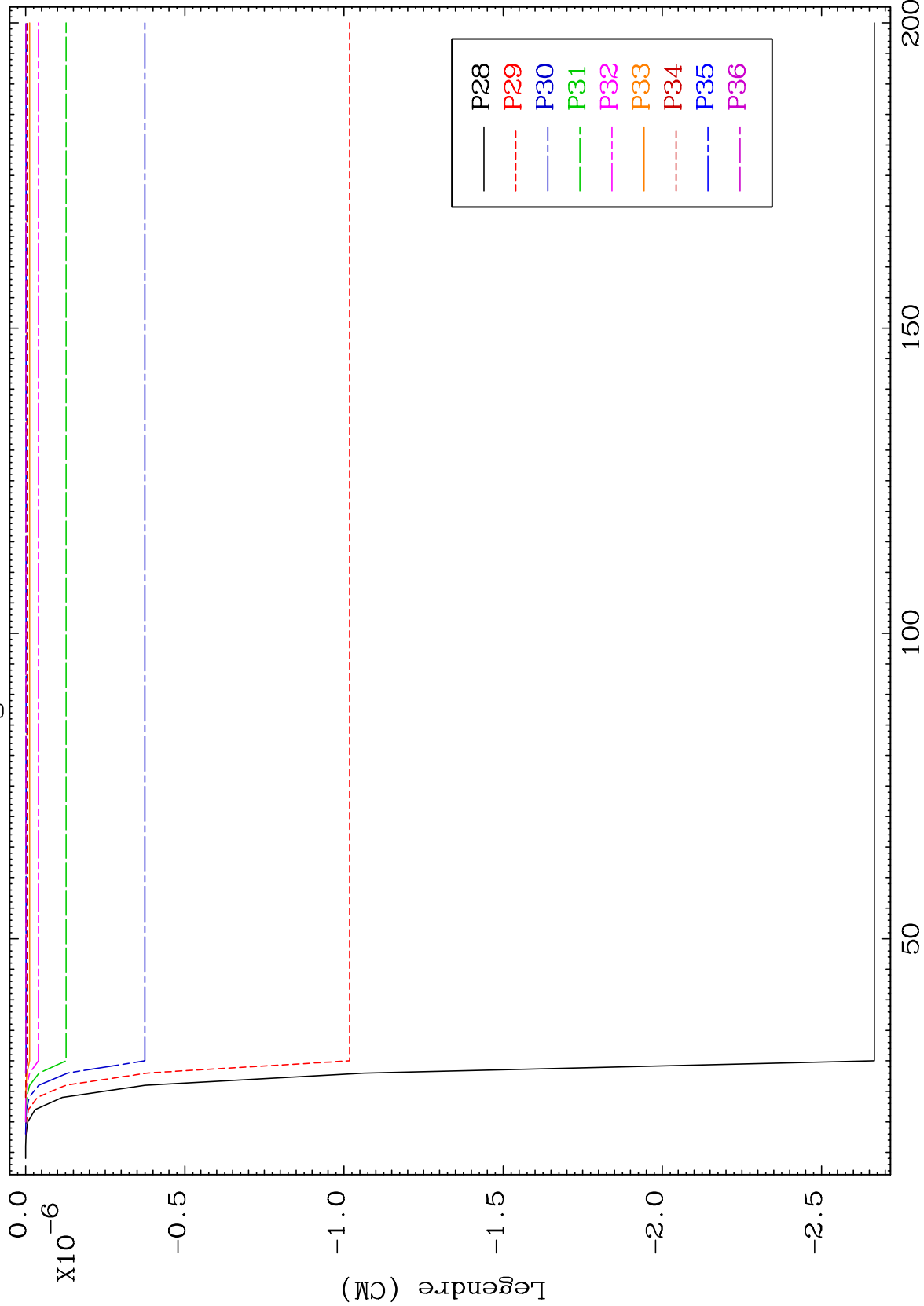


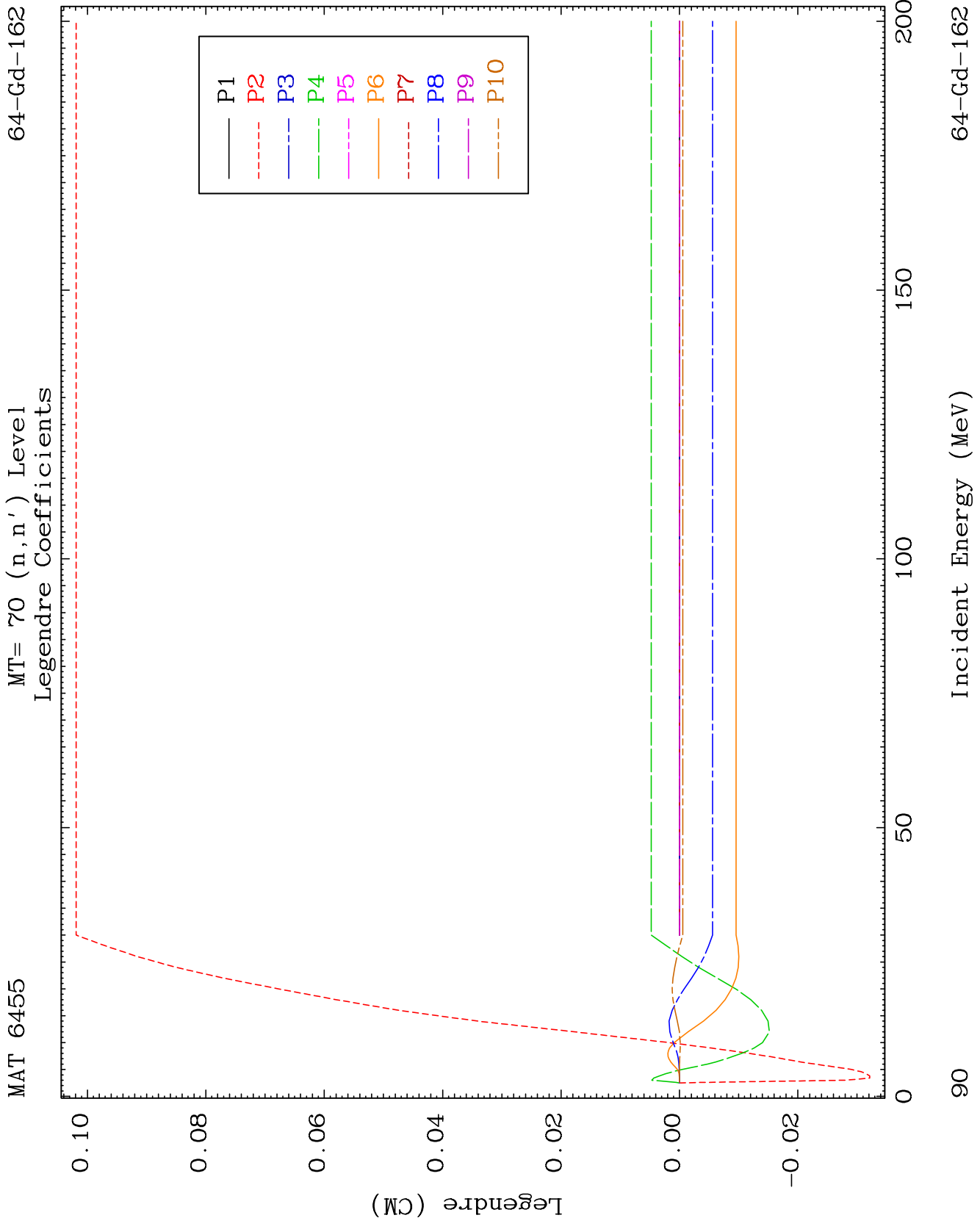
87

Incident Energy (MeV)

64-Gd-162



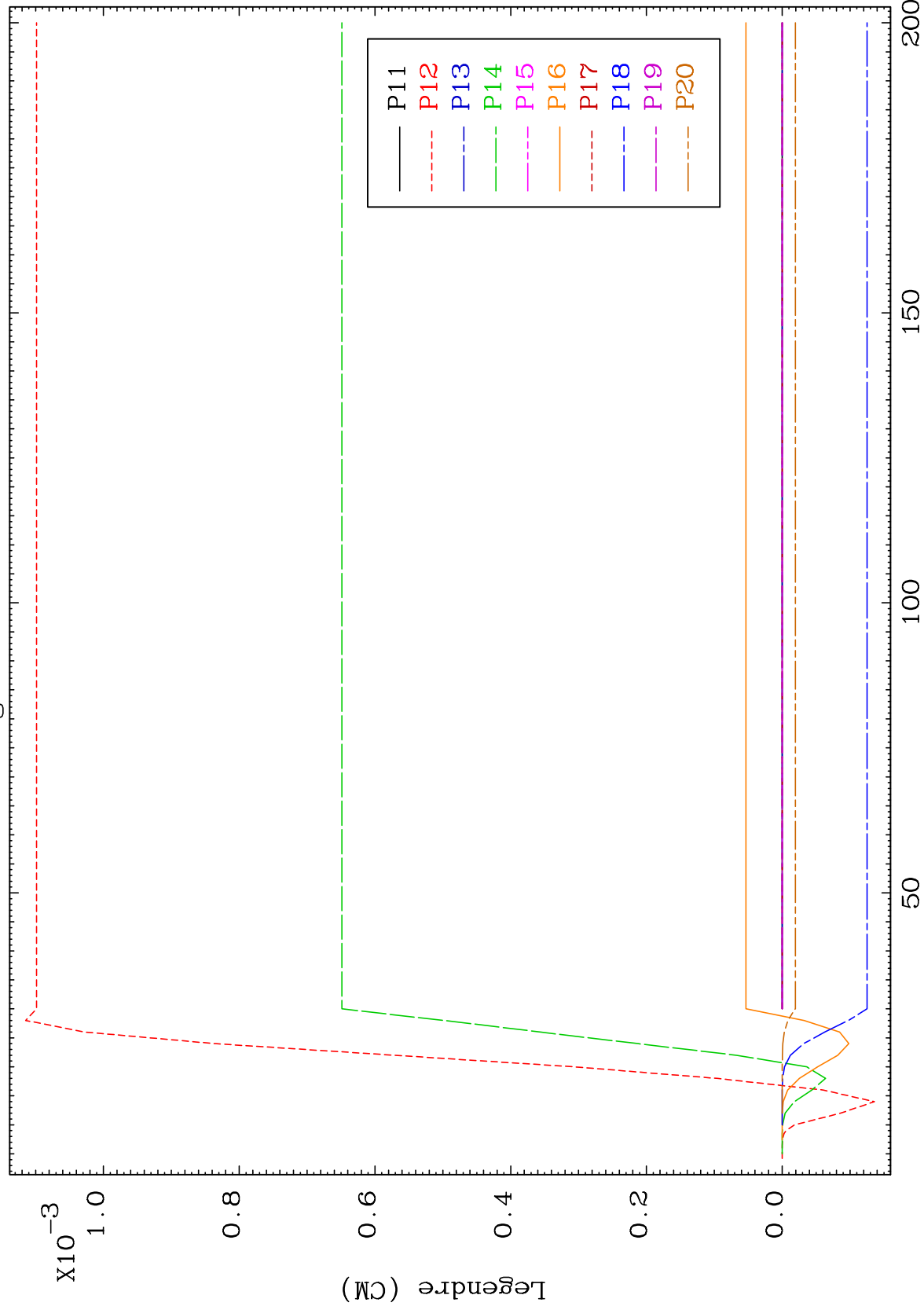




MAT 6455

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

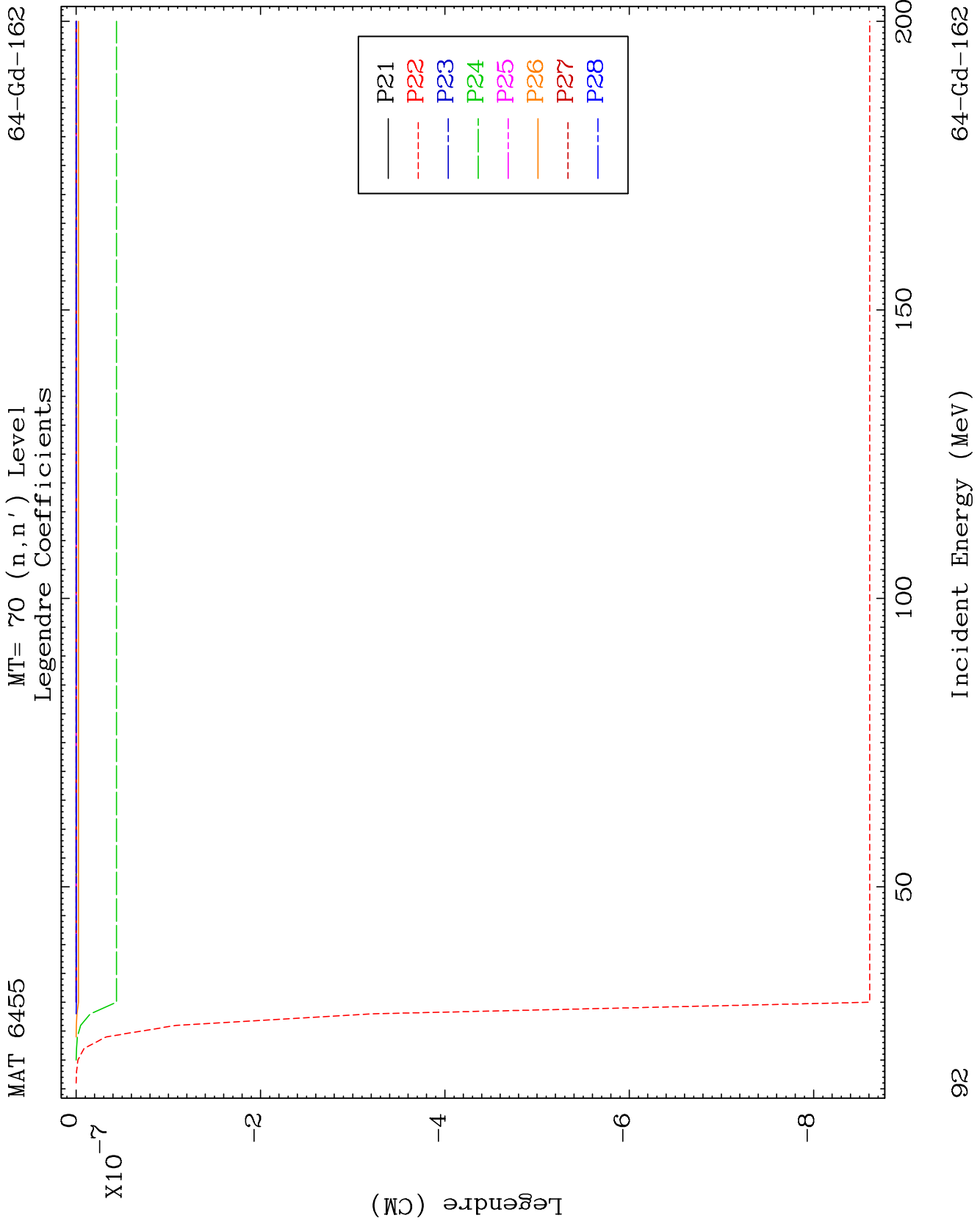
64-Gd-162



91

Incident Energy (MeV)

64-Gd-162

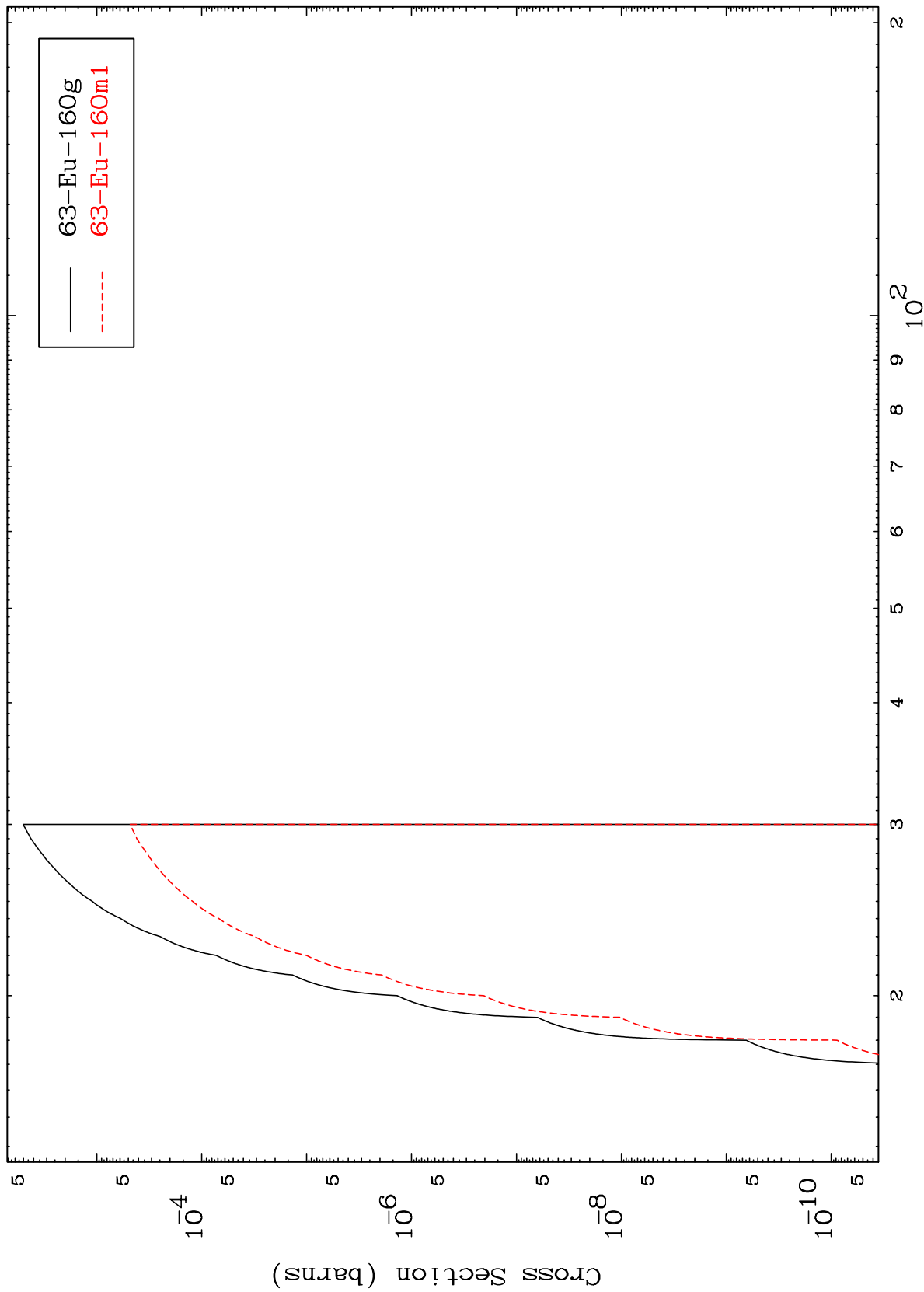


MAT 6455

(n,n') d

64-Gd-162

Radionuclide Production Cross Section



93

Incident Energy (MeV)

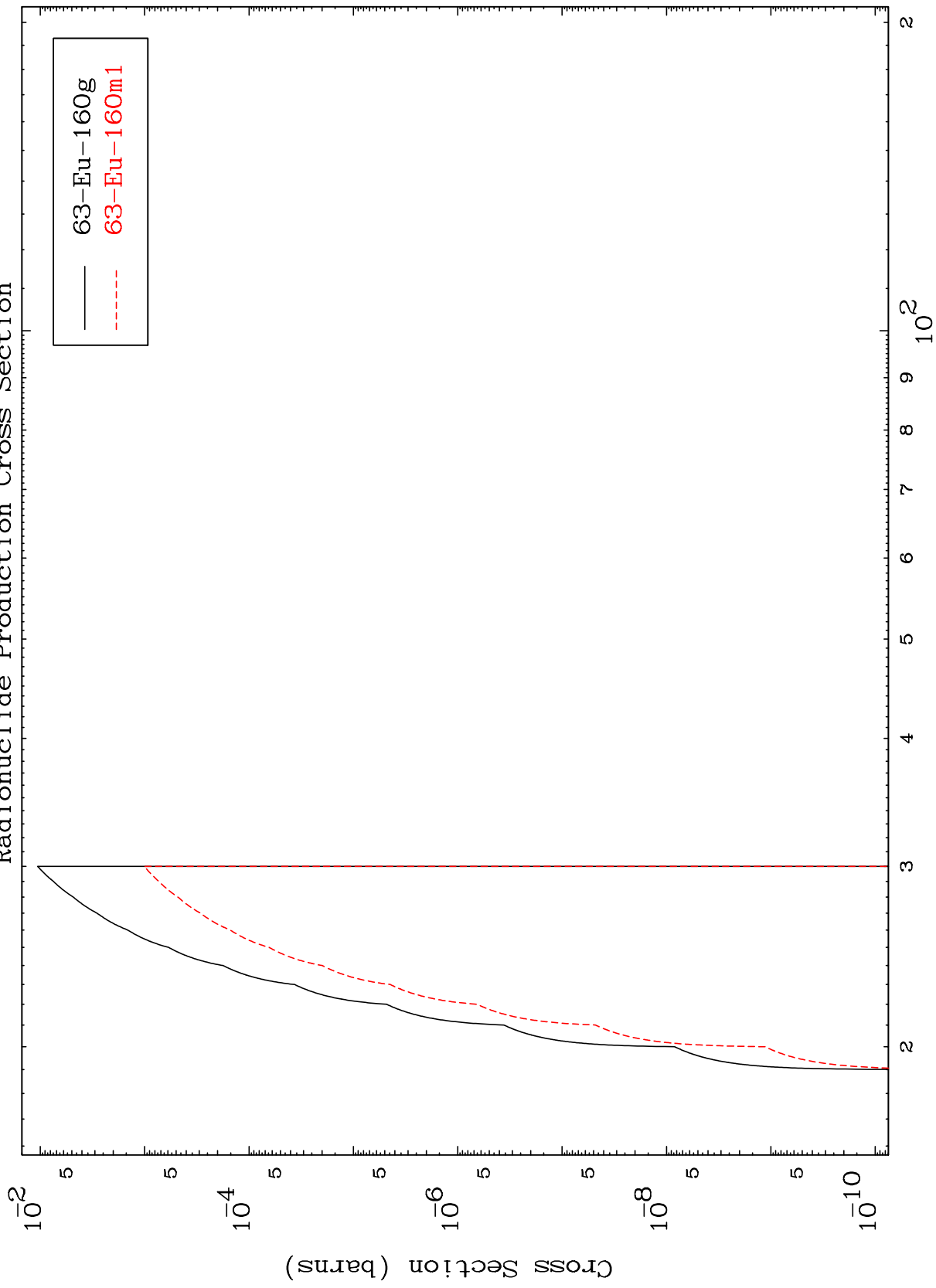
64-Gd-162

MAT 6455

(n,2n) p

64-Gd-162

Radionuclide Production Cross Section



94

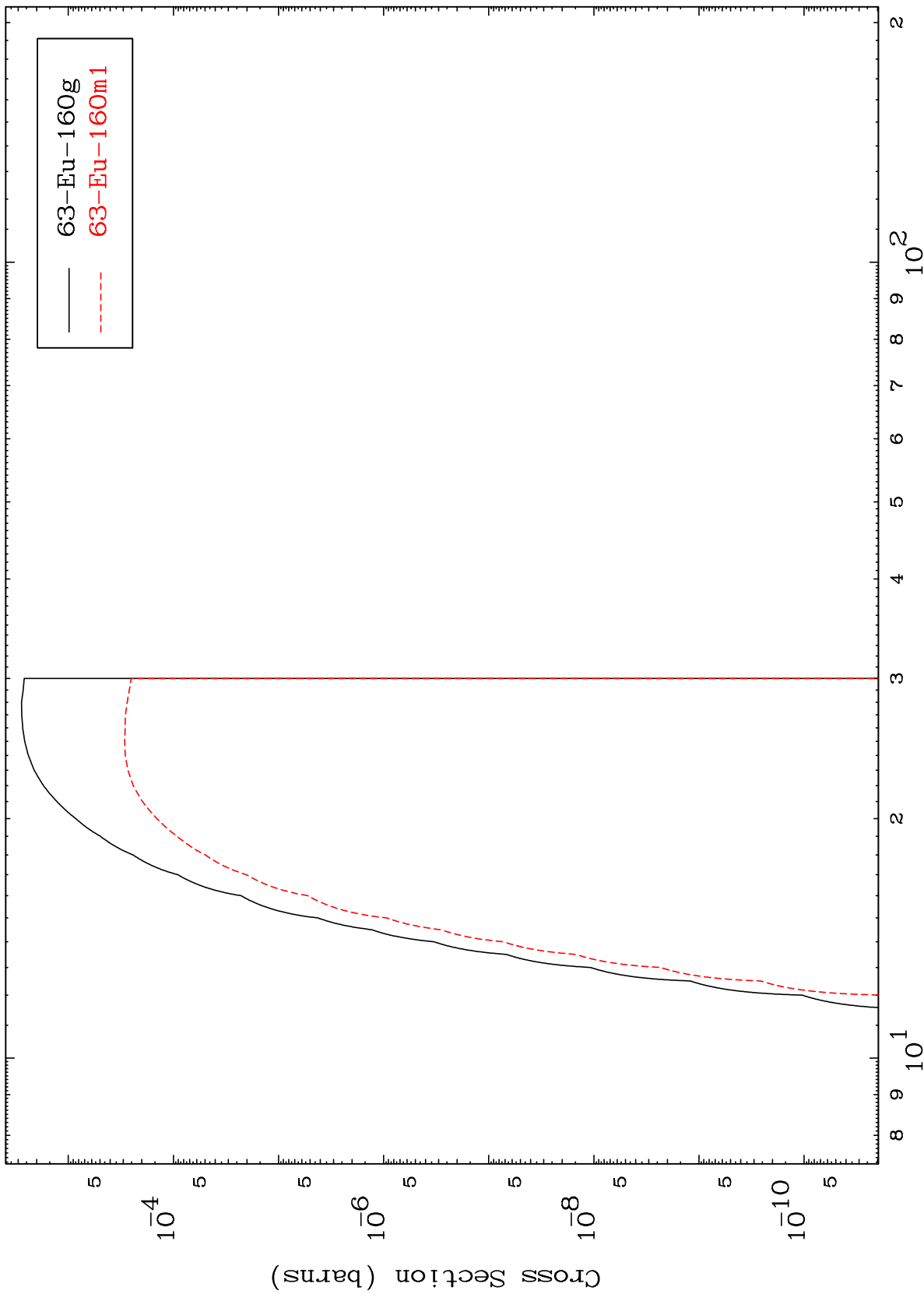
Incident Energy (MeV)

64-Gd-162

MAT 6455

64-Gd-162

(n, t)
Radionuclide Production Cross Section



95

Incident Energy (MeV)

64-Gd-162