

Program EVALPLOT
(Version 2021-1)

by

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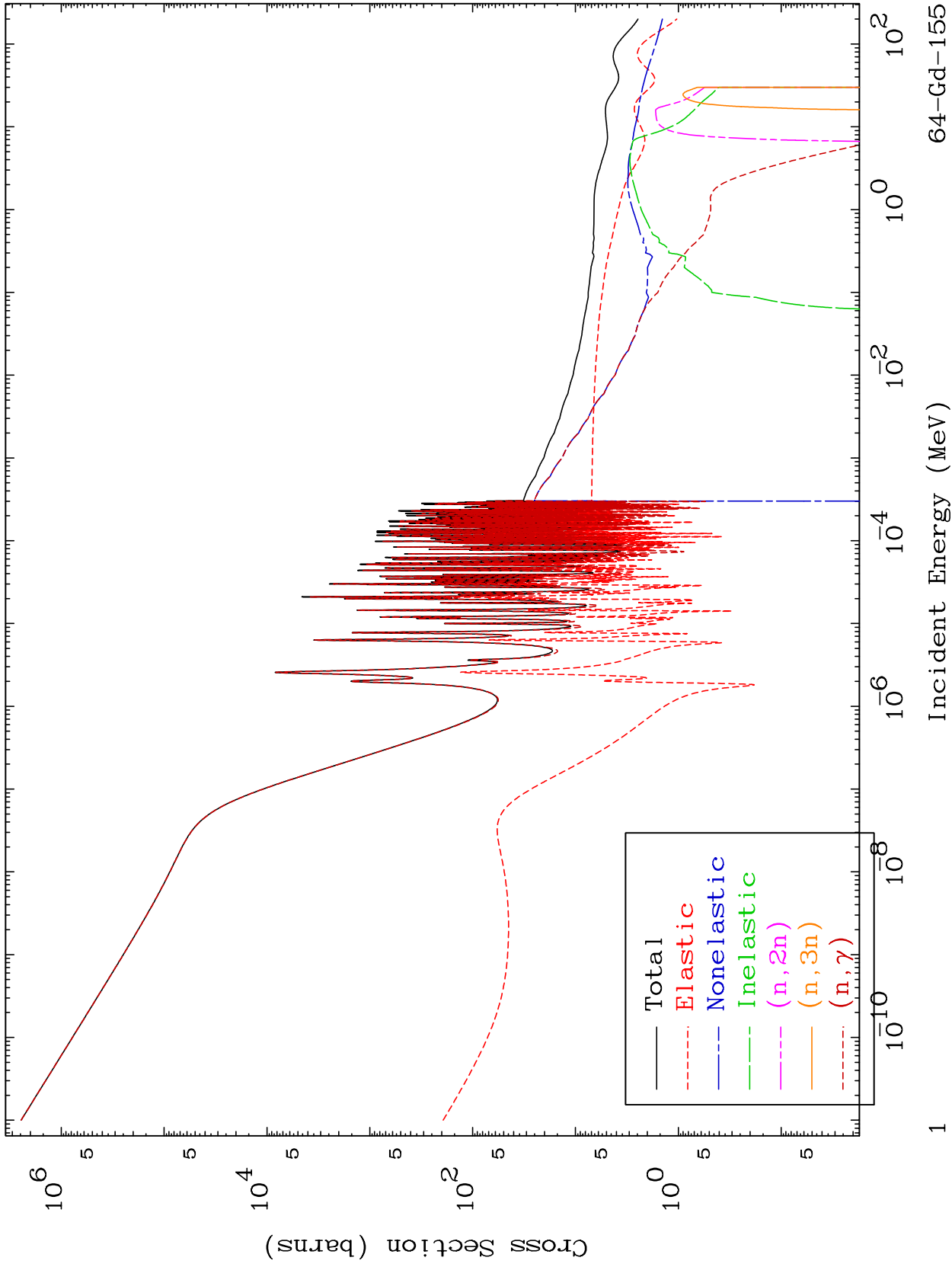
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Press Mouse Button to Start

MAT 6434

Neutron Major
293 Kelvin Cross Sections

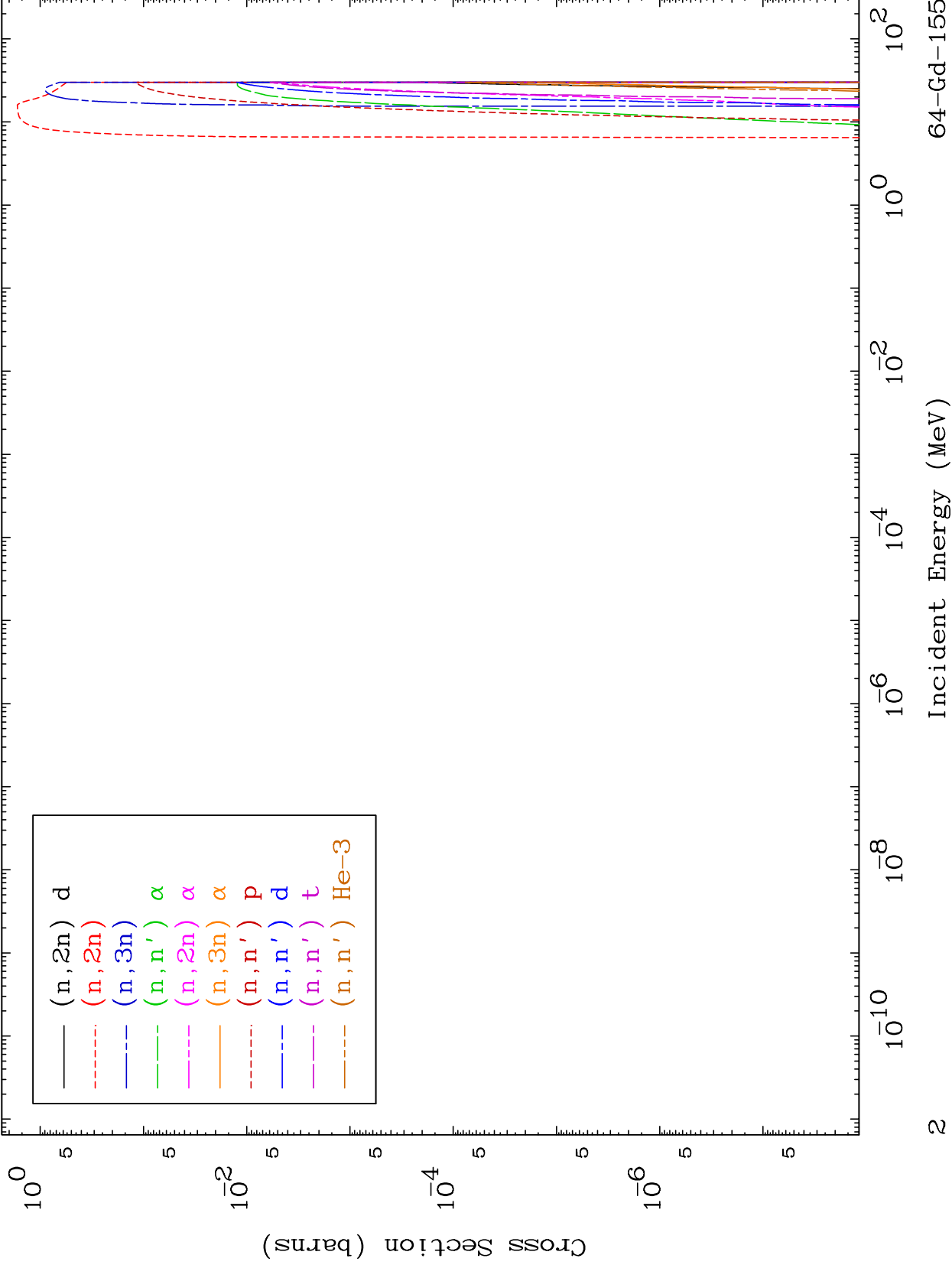
64-Gd-155



MAT 6434

Neutron Absorption
293 Kelvin Cross Sections

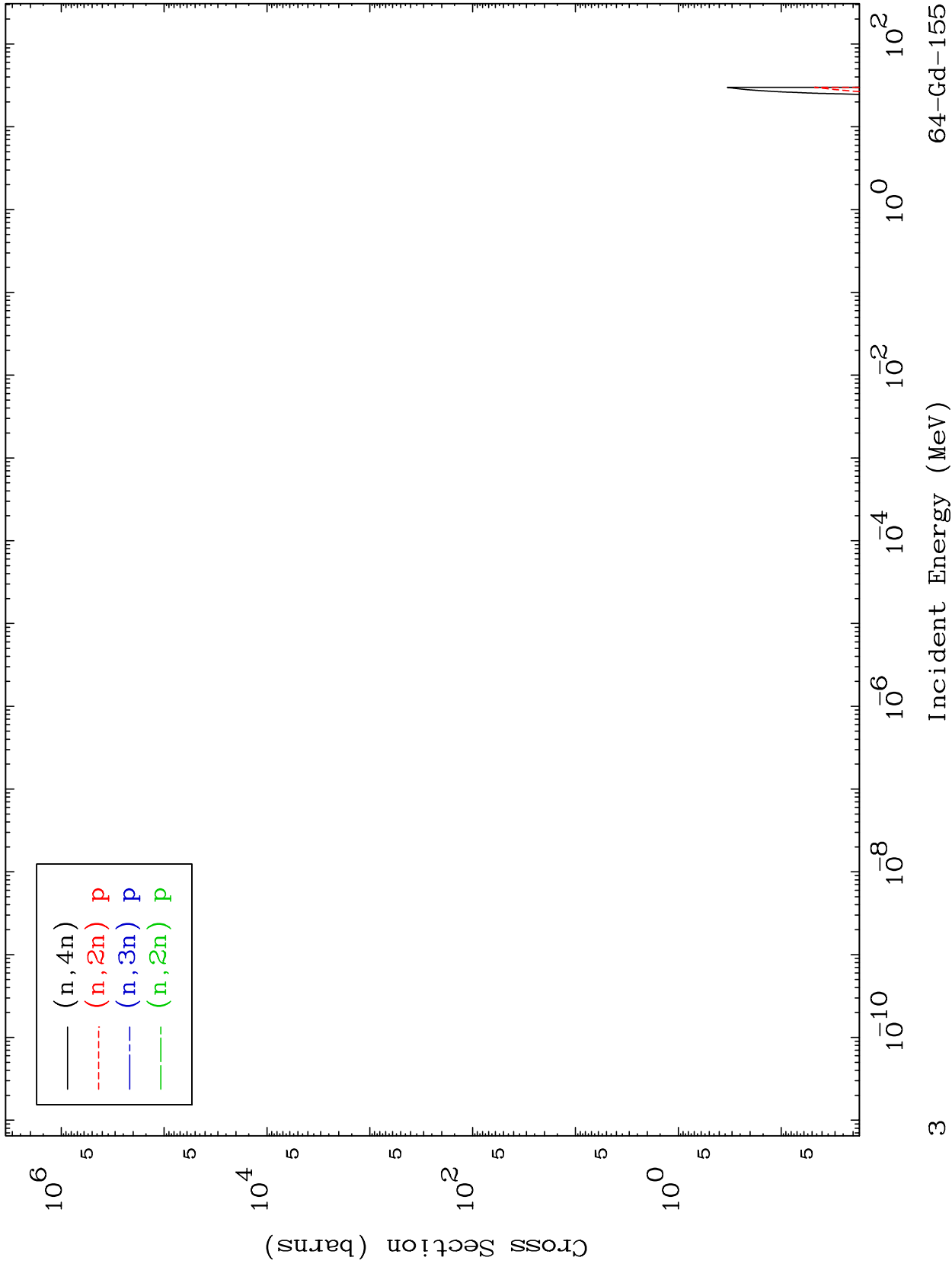
64-Gd-155



MAT 6434

Neutron Absorption
293 Kelvin Cross Sections

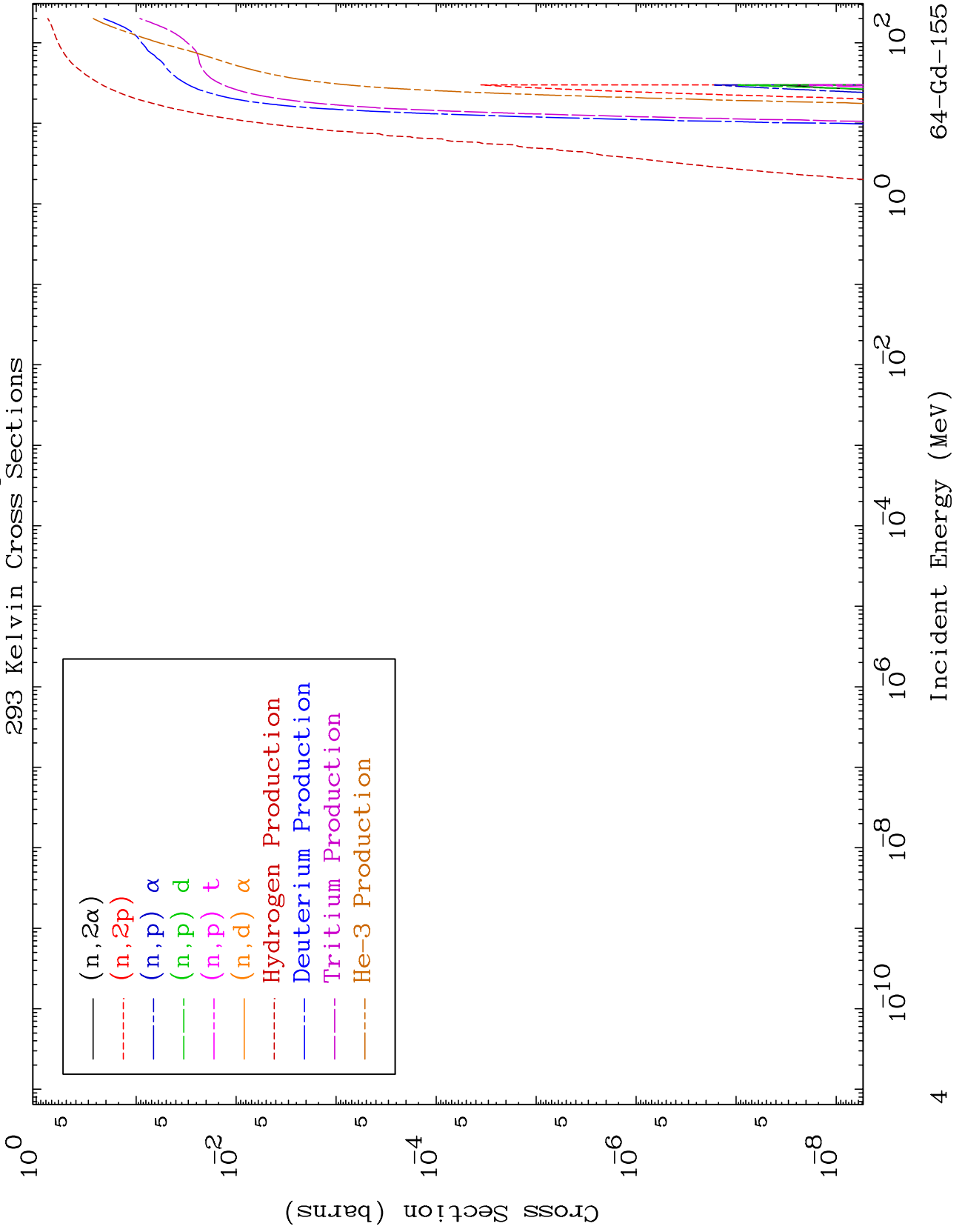
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MAT 6434

Neutron Absorption
293 Kelvin Cross Sections

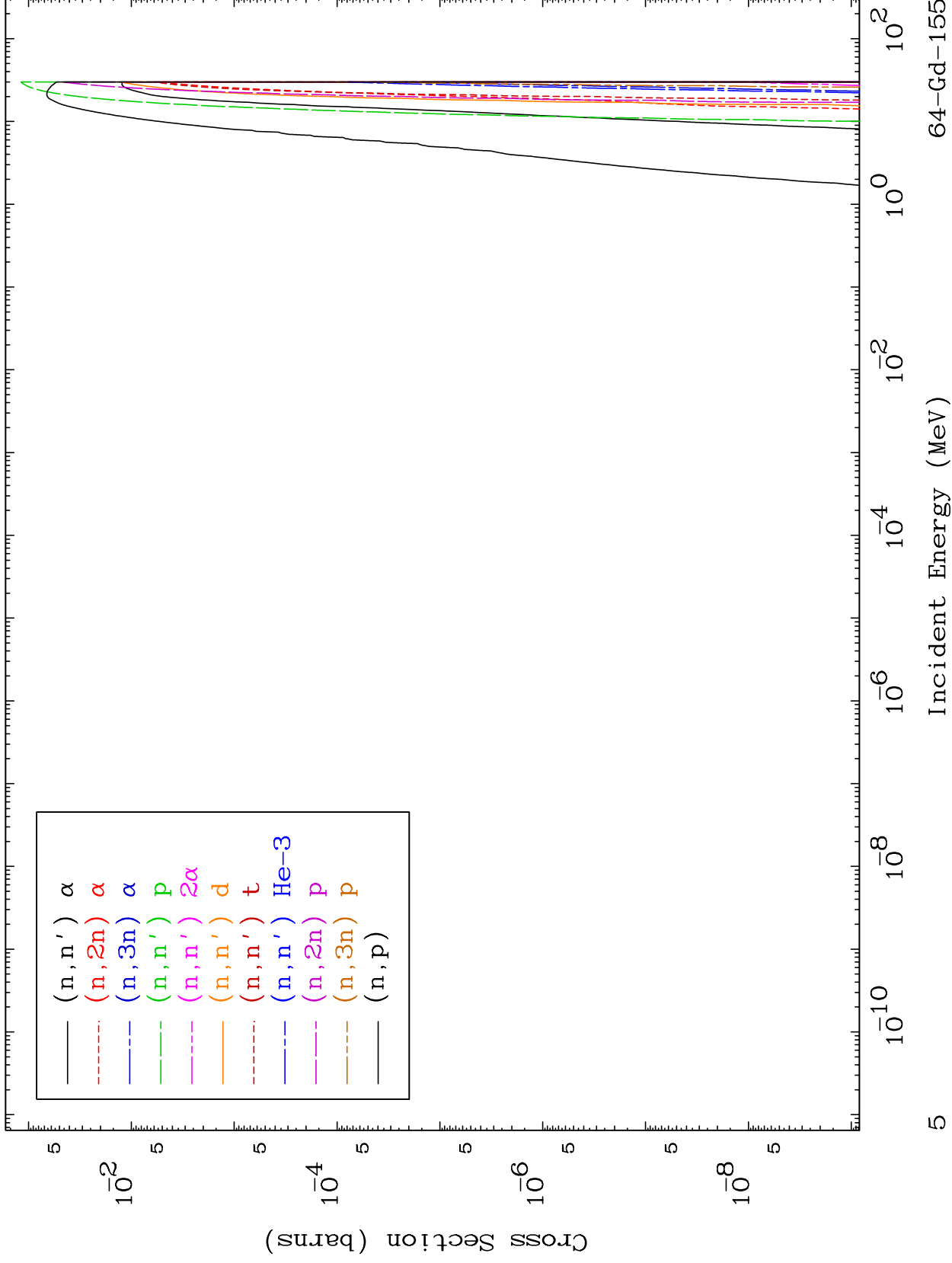
64-Gd-155



MAT 6434

Charged Particle
293 Kelvin Cross Sections

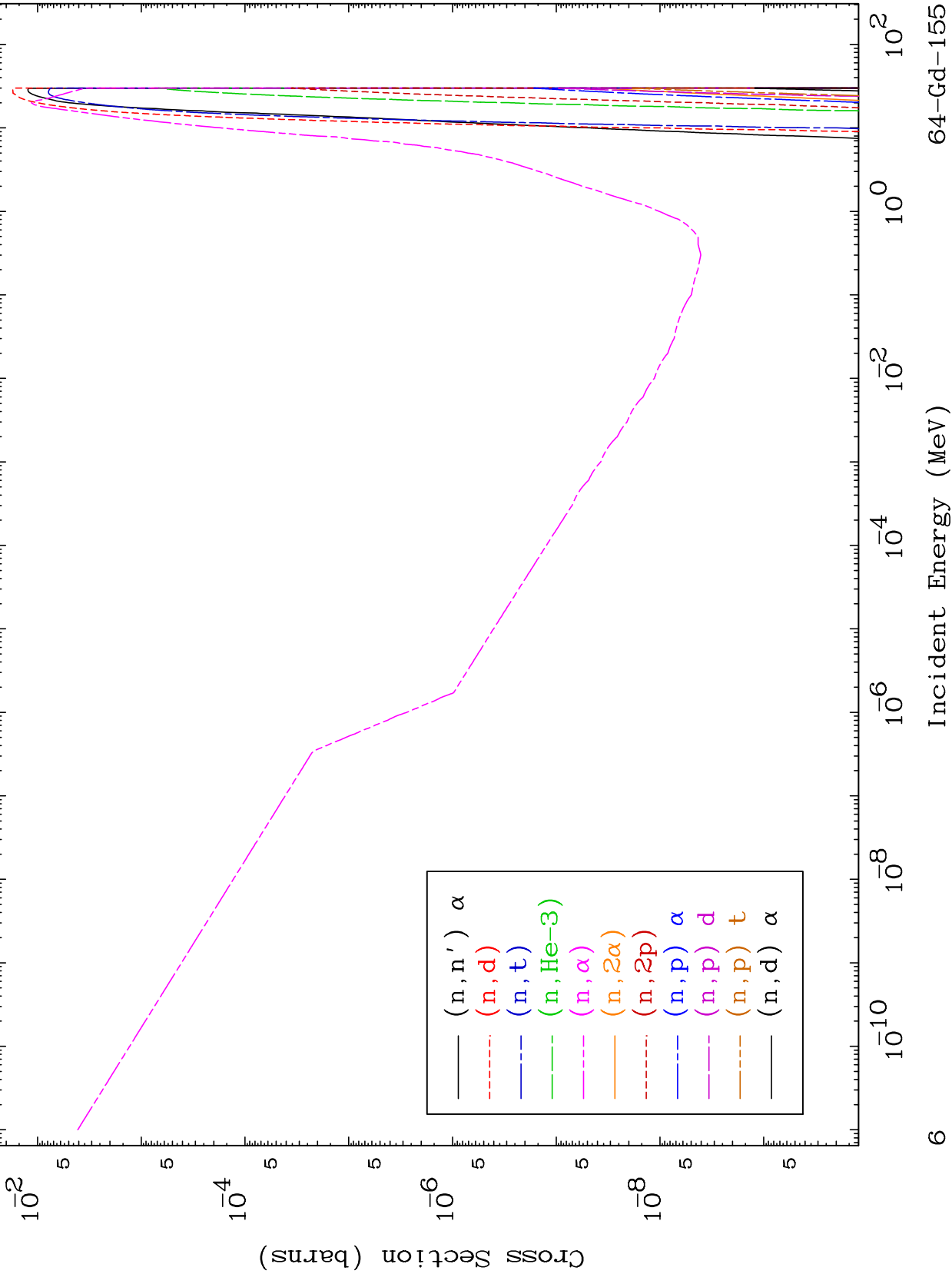
64-Gd-155



MAT 6434

Charged Particle
293 Kelvin Cross Sections

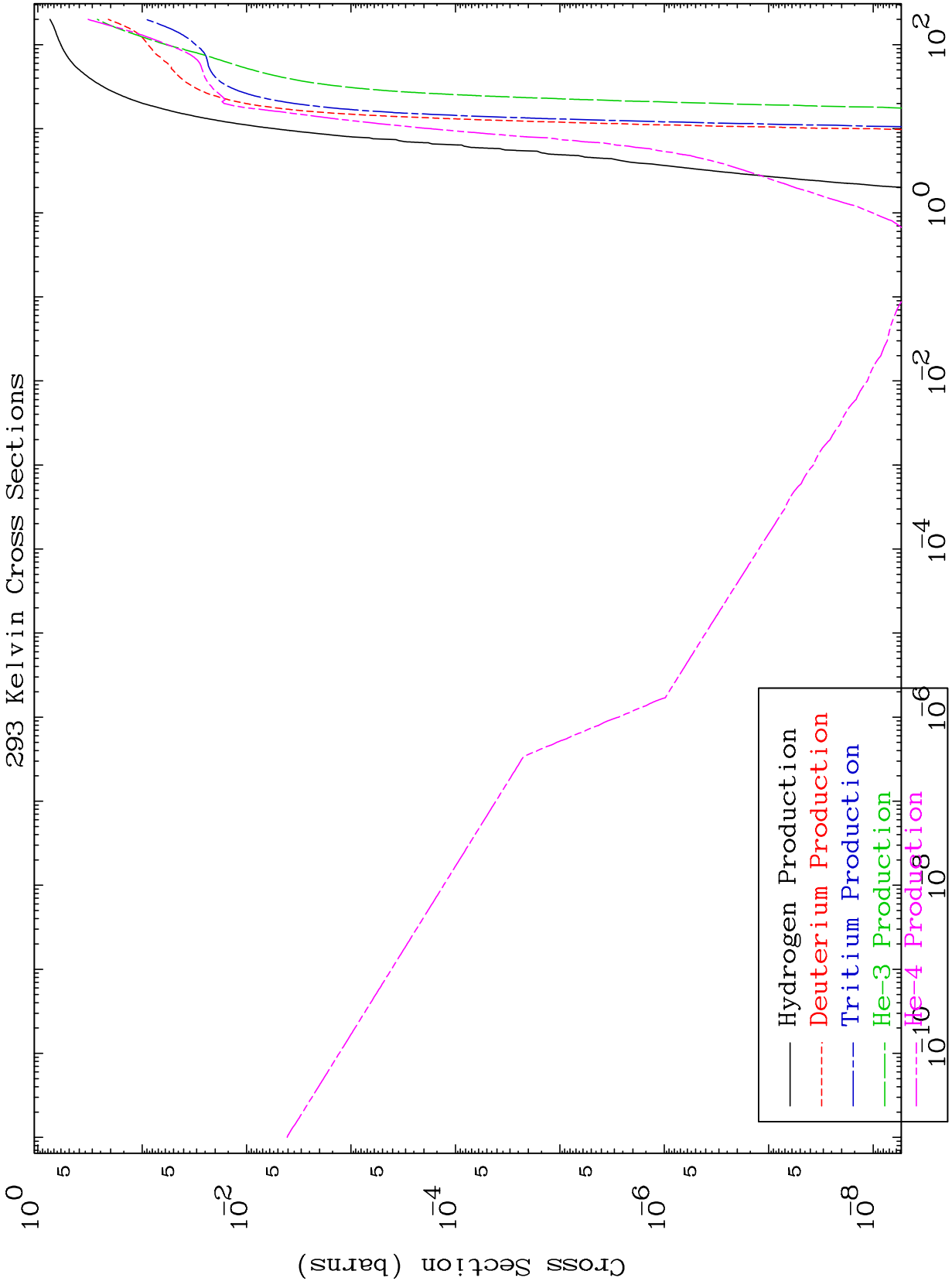
64-Gd-155



MAT 6434

Particle Production
293 Kelvin Cross Sections

64-Gd-155

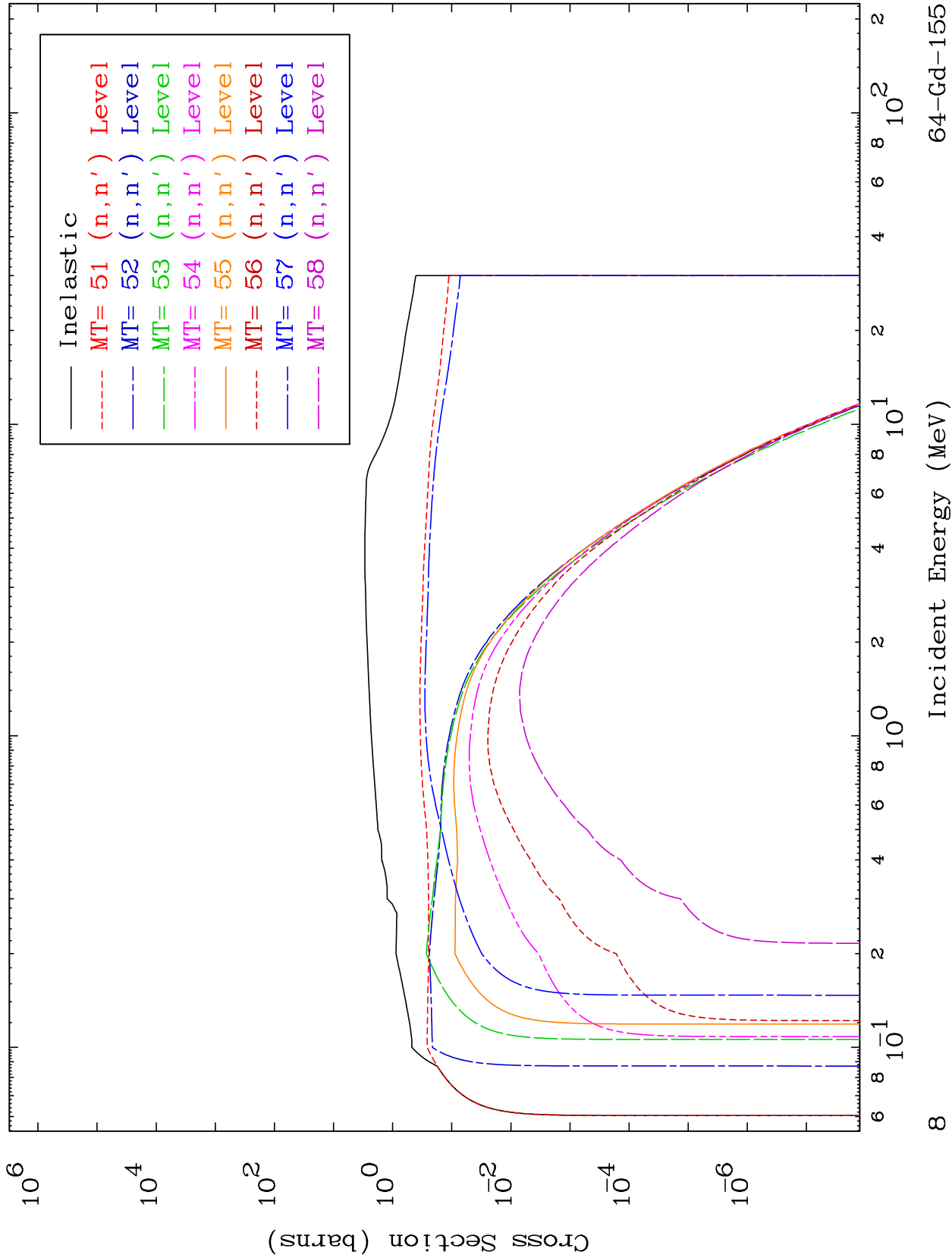


MAT 6434

(n,n') Levels

64-Gd-155

293 Kelvin Cross Sections



8

Incident Energy (MeV)

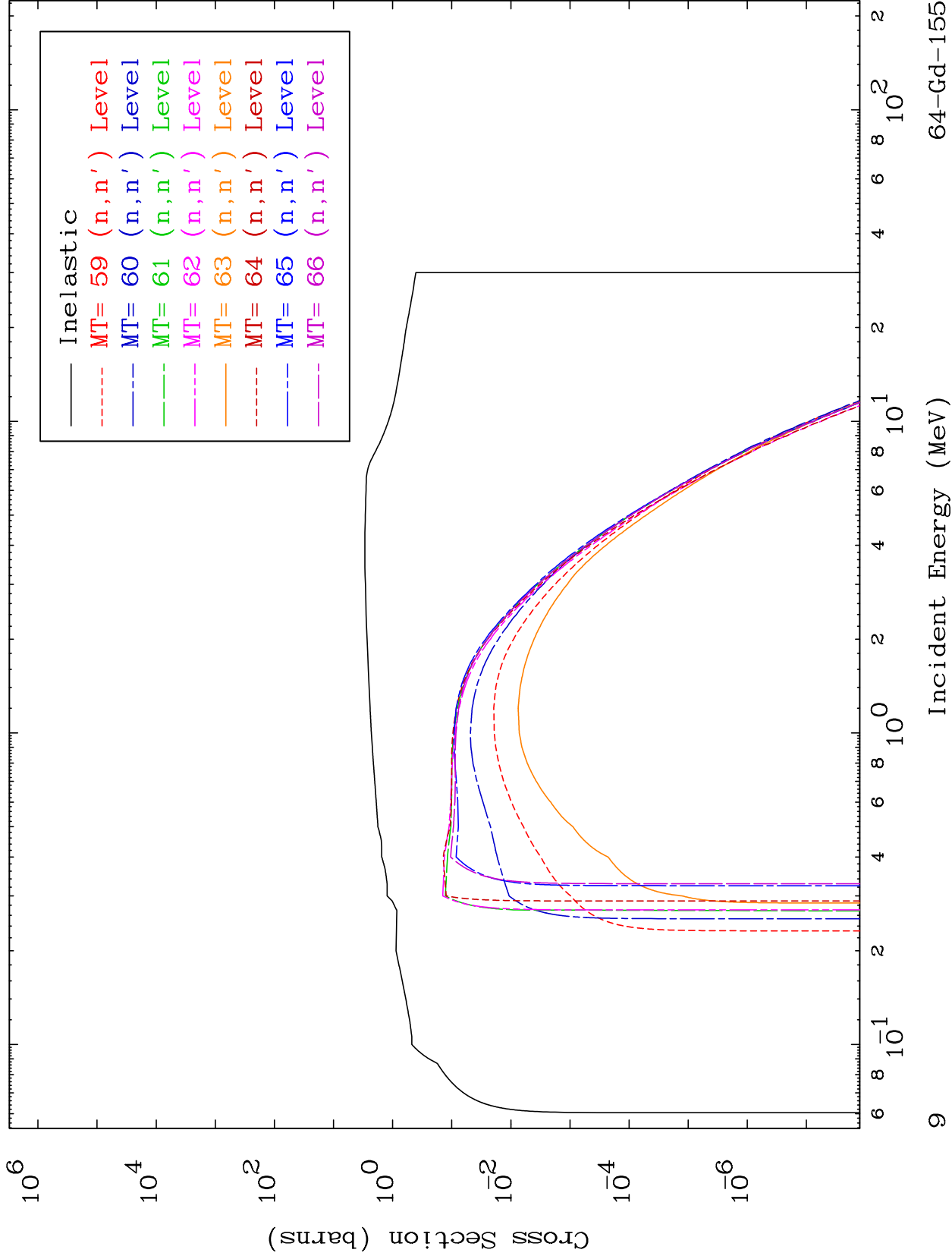
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MAT 6434

(n,n') Levels

64-Gd-155

293 Kelvin Cross Sections

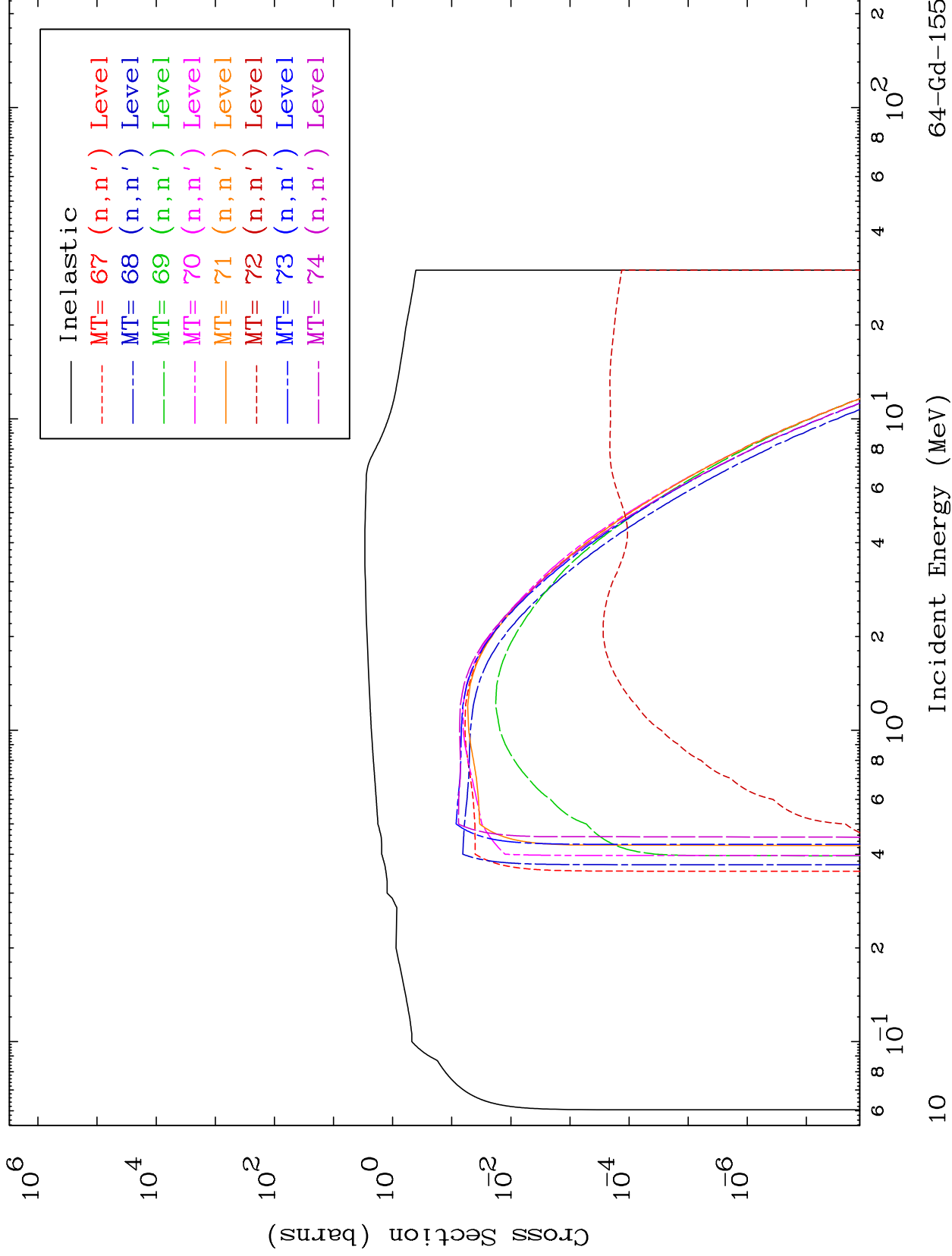


MAT 6434

(n,n') Levels

64-Gd-155

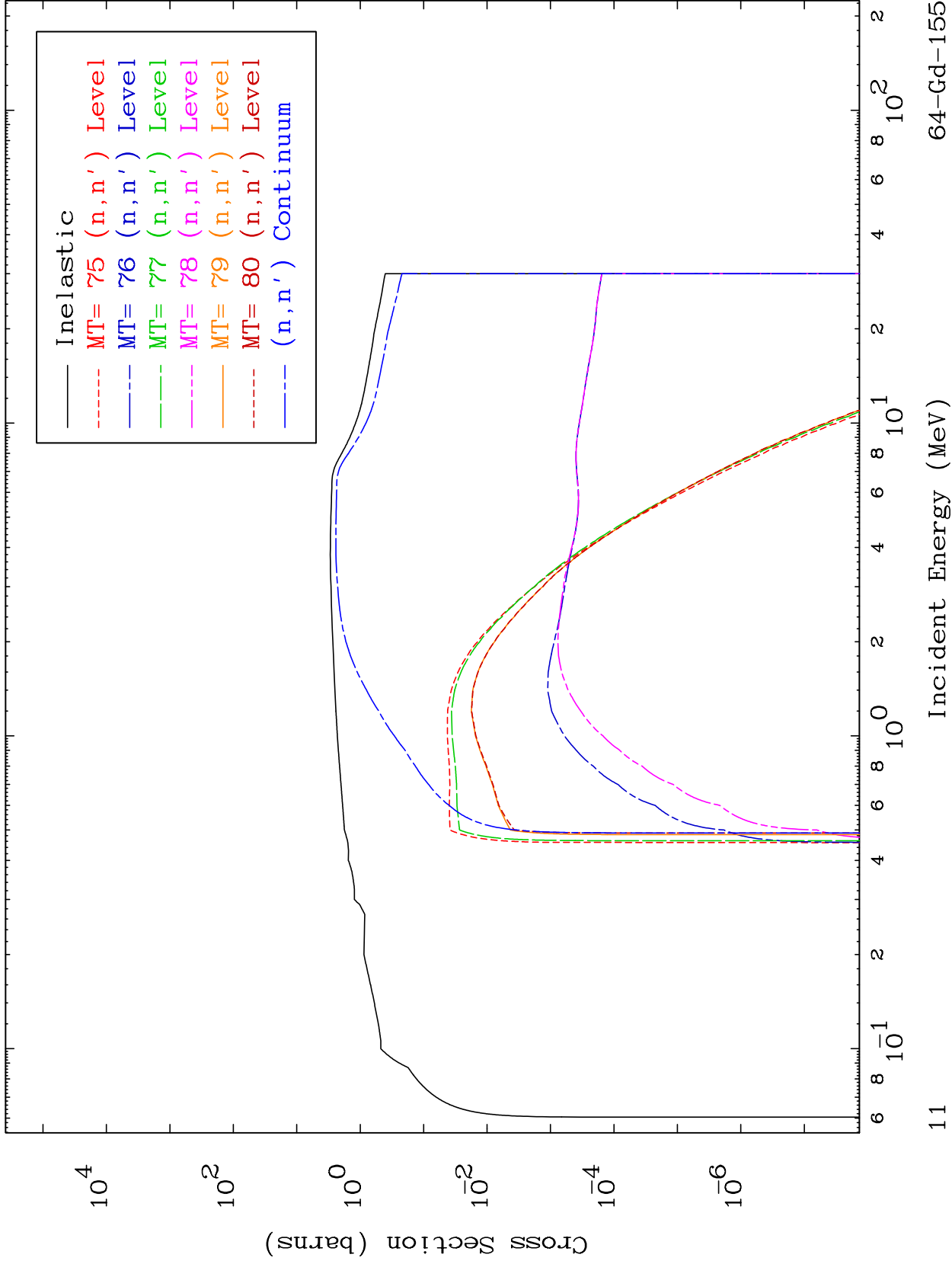
293 Kelvin Cross Sections



10

Incident Energy (MeV)

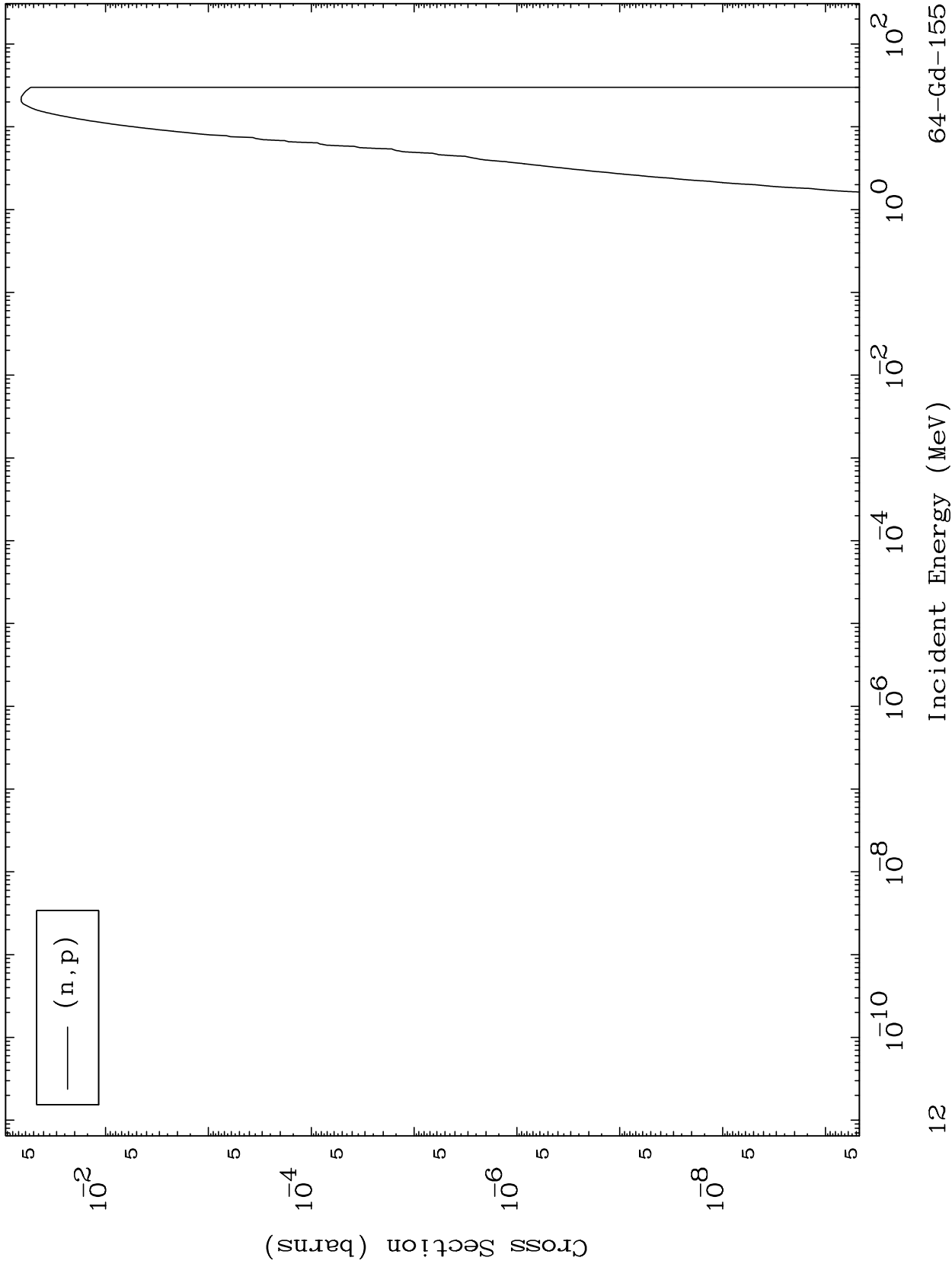
64-Gd-155



MAT 6434

(n,p) Levels
293 Kelvin Cross Sections

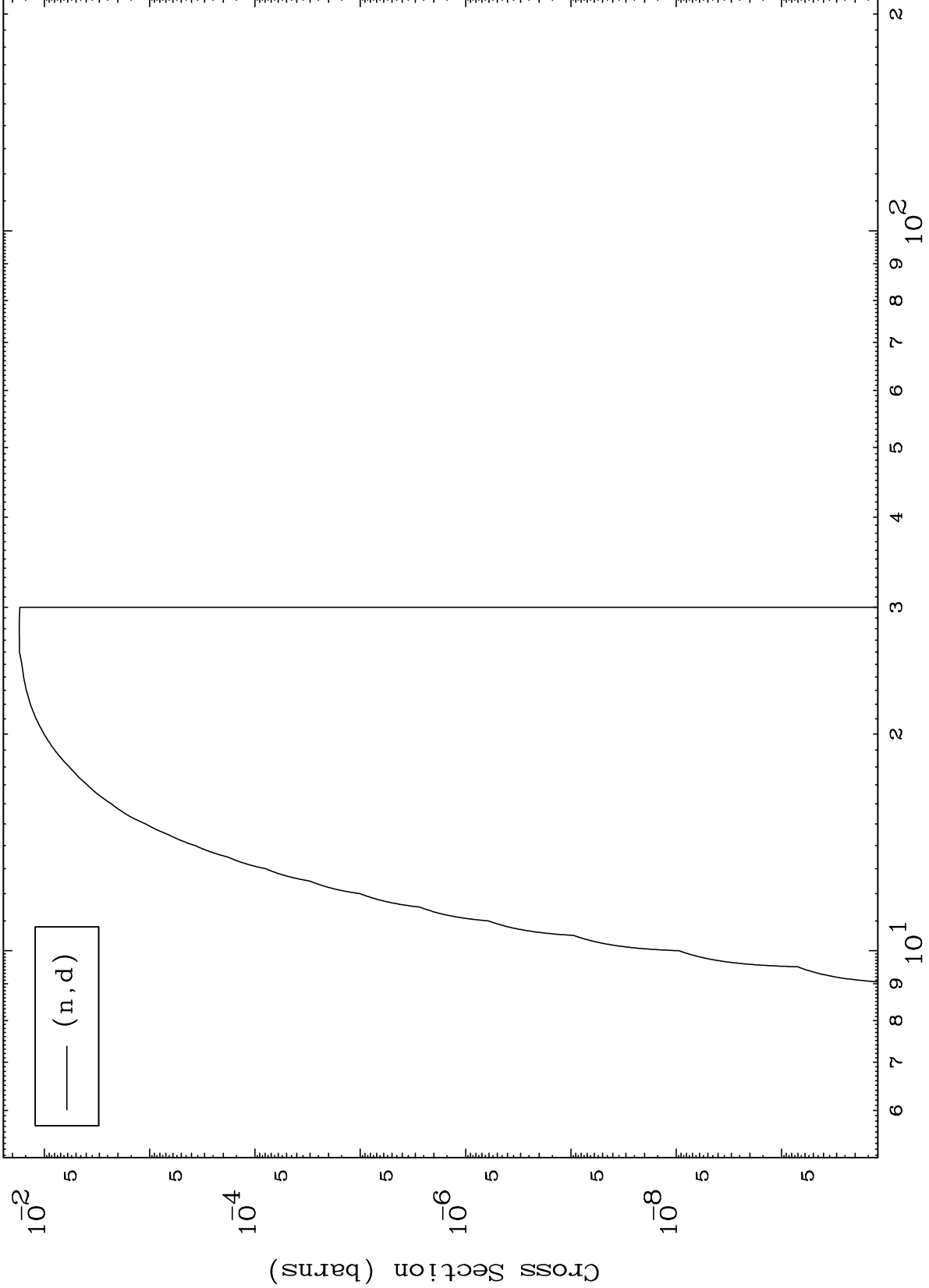
64-Gd-155



MAT 6434

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-155



13

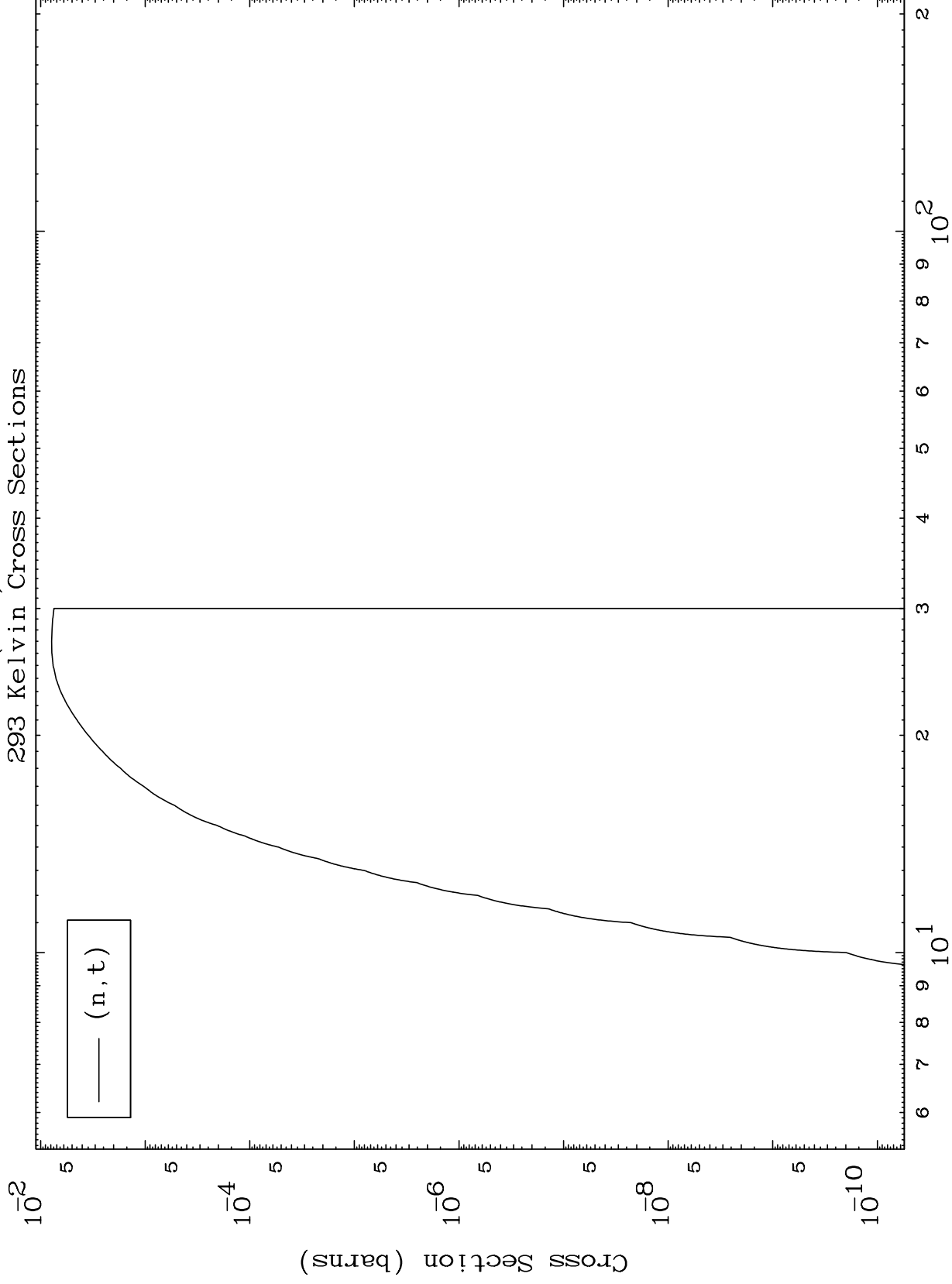
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-155



14

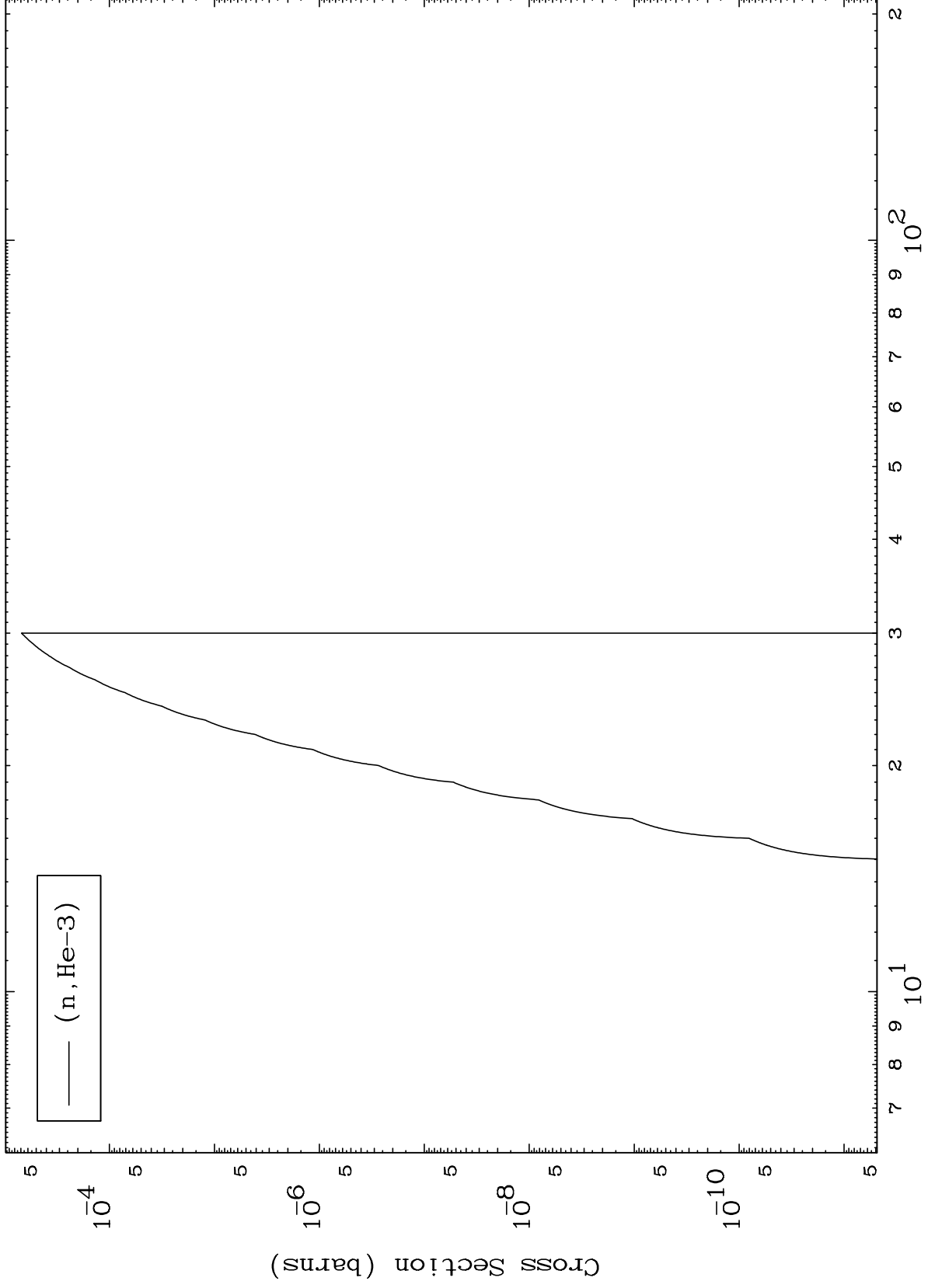
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-155



15

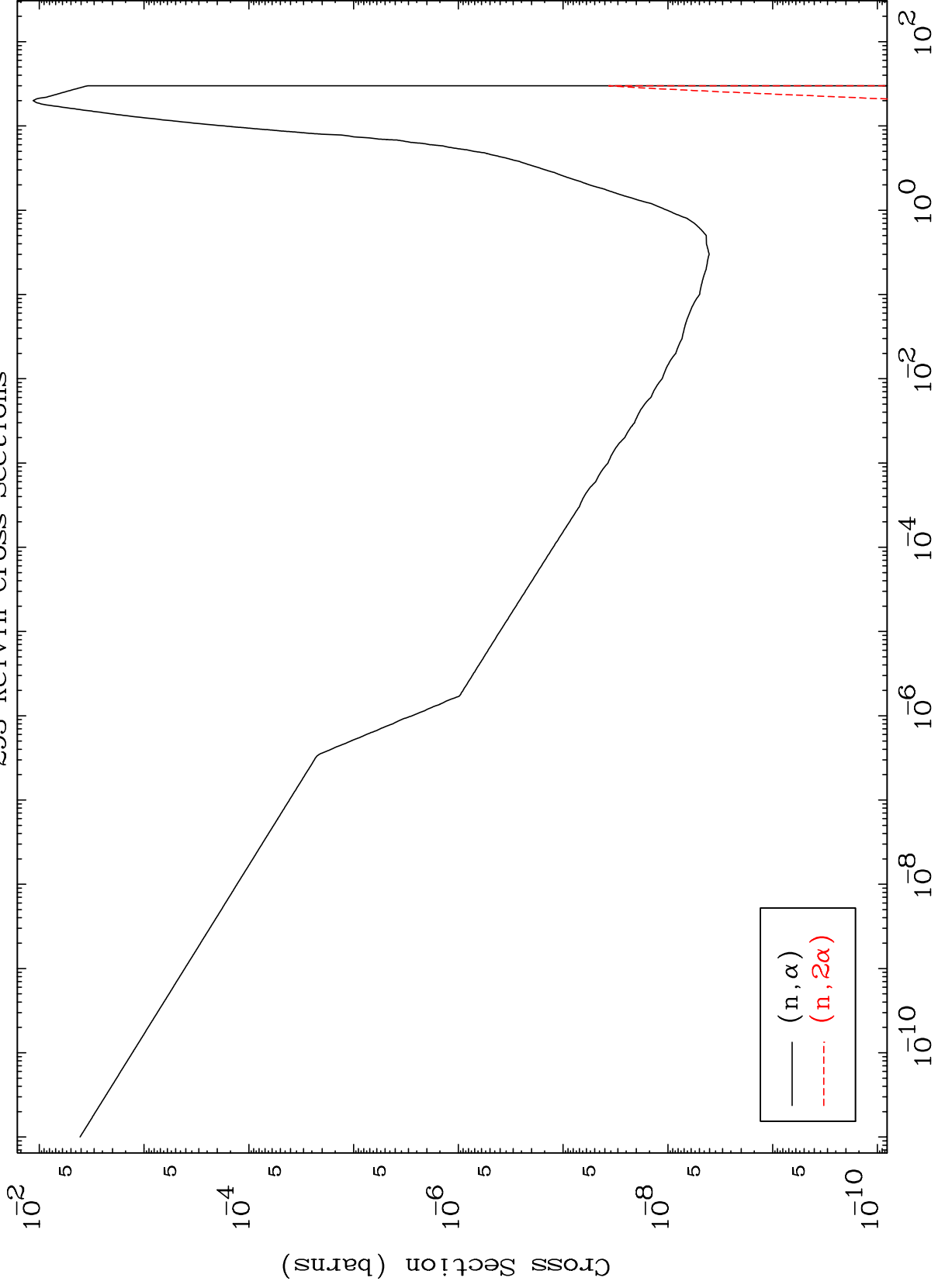
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n, α) Levels
293 Kelvin Cross Sections

64-Gd-155



16

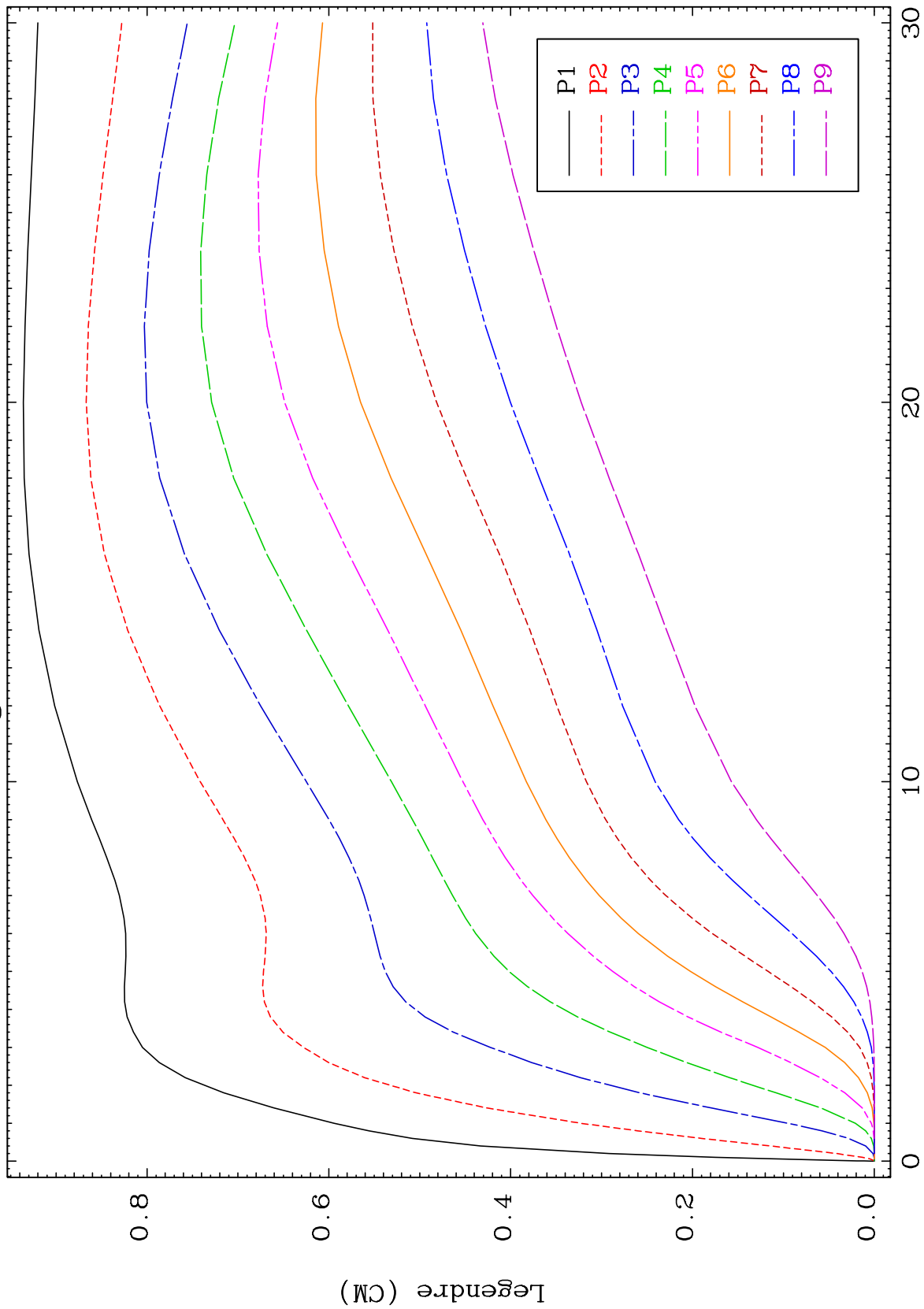
Incident Energy (MeV)

64-Gd-155

MAT 6434

Elastic Legendre Coefficients

64-Gd-155



17

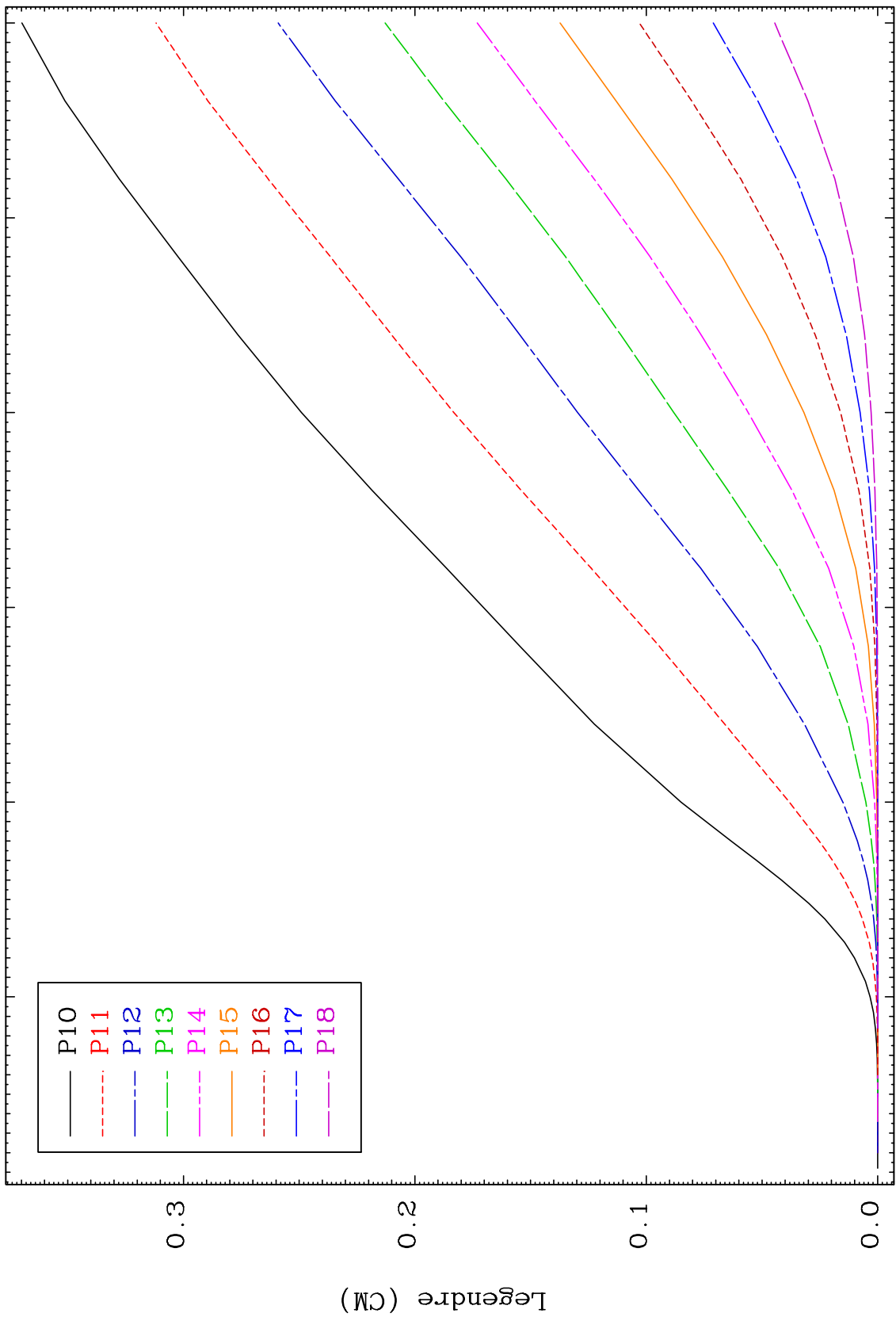
Incident Energy (MeV)

64-Gd-155

MAT 6434

Elastic Legendre Coefficients

64-Gd-155



18

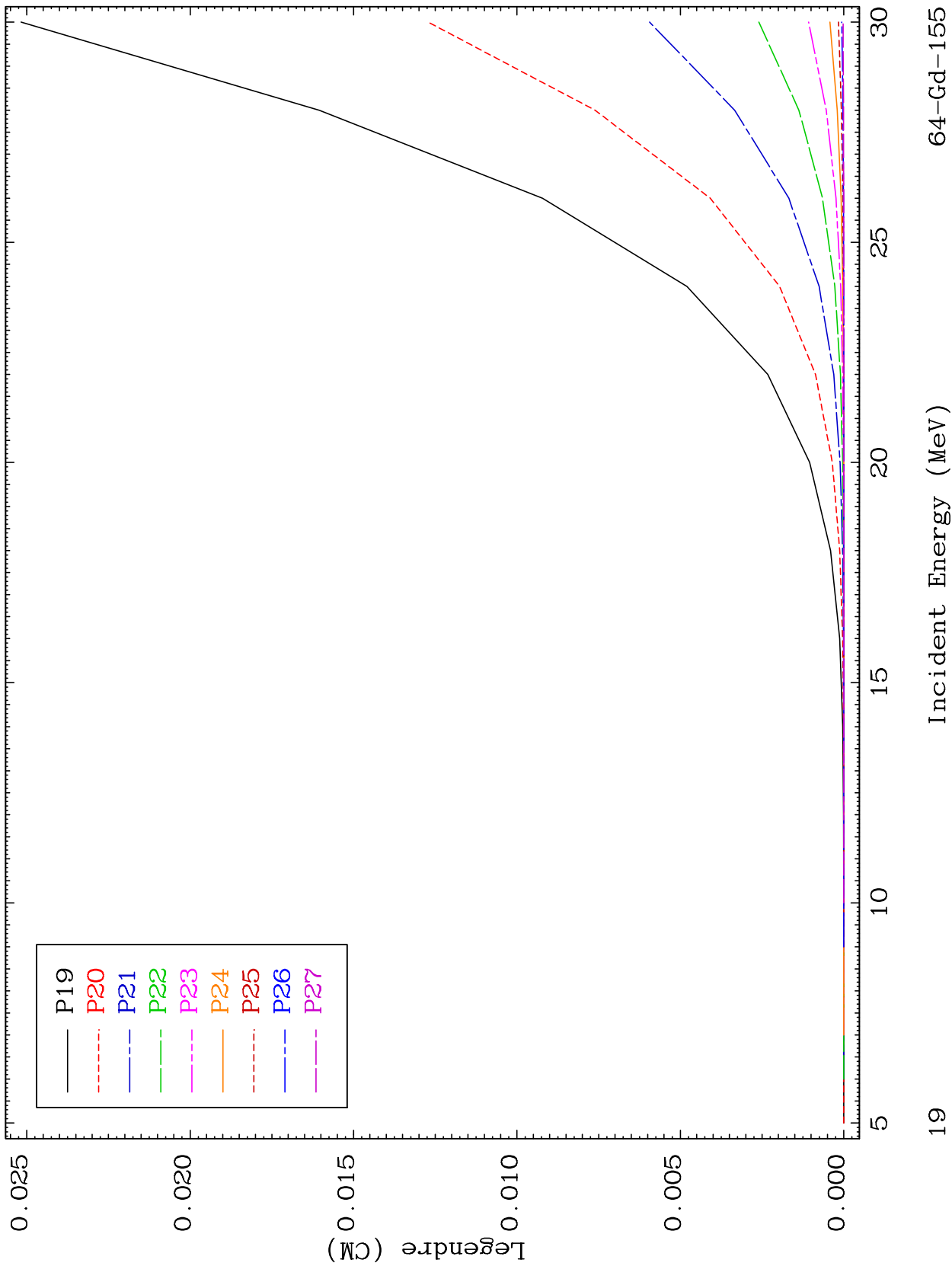
Incident Energy (MeV)

64-Gd-155

MAT 6434

Elastic
Legendre Coefficients

64-Gd-155



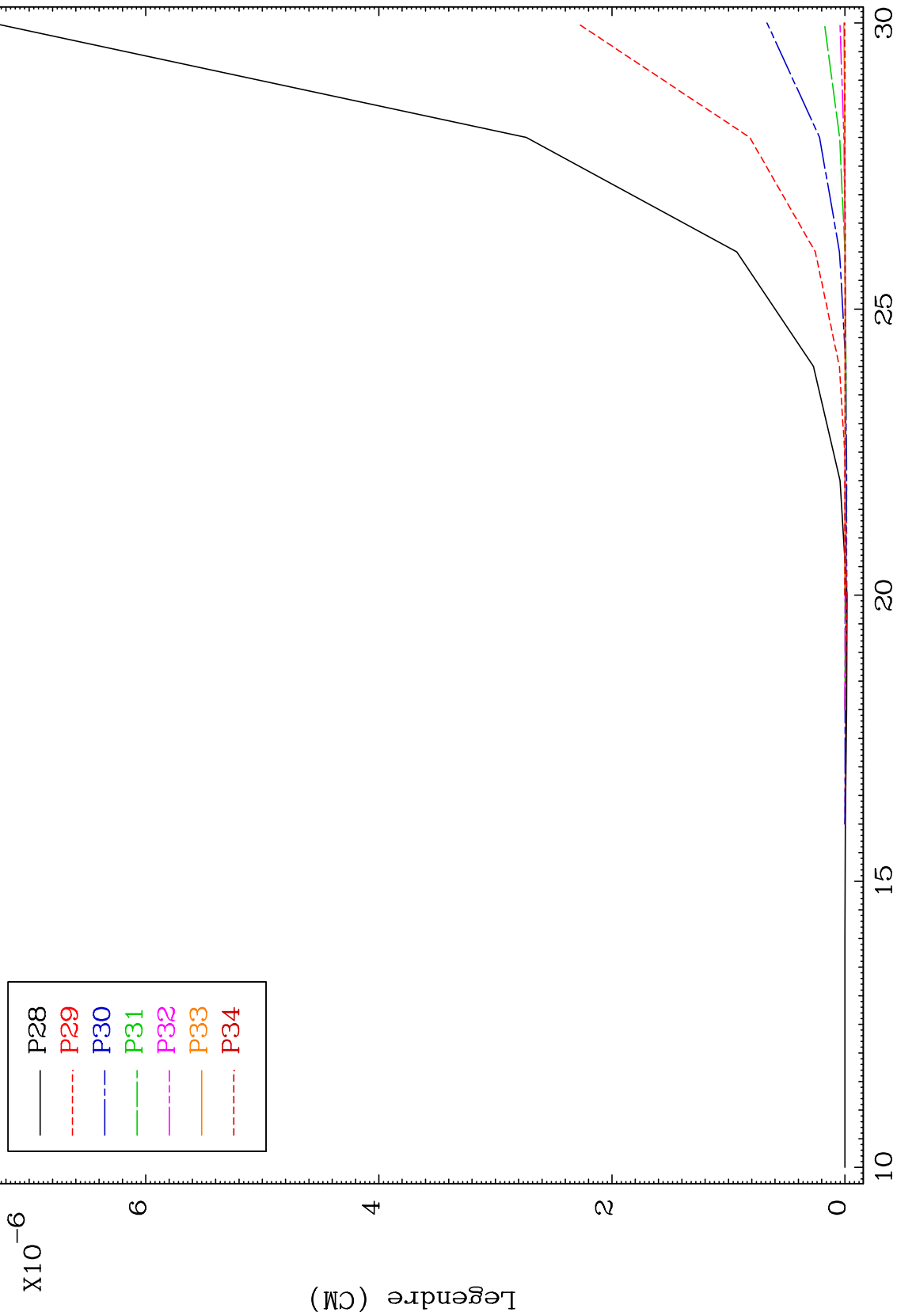
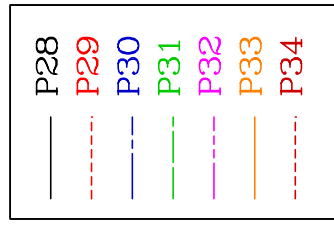
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64-Gd-155

MAT 6434

Elastic
Legendre Coefficients

64-Gd-155



64-Gd-155

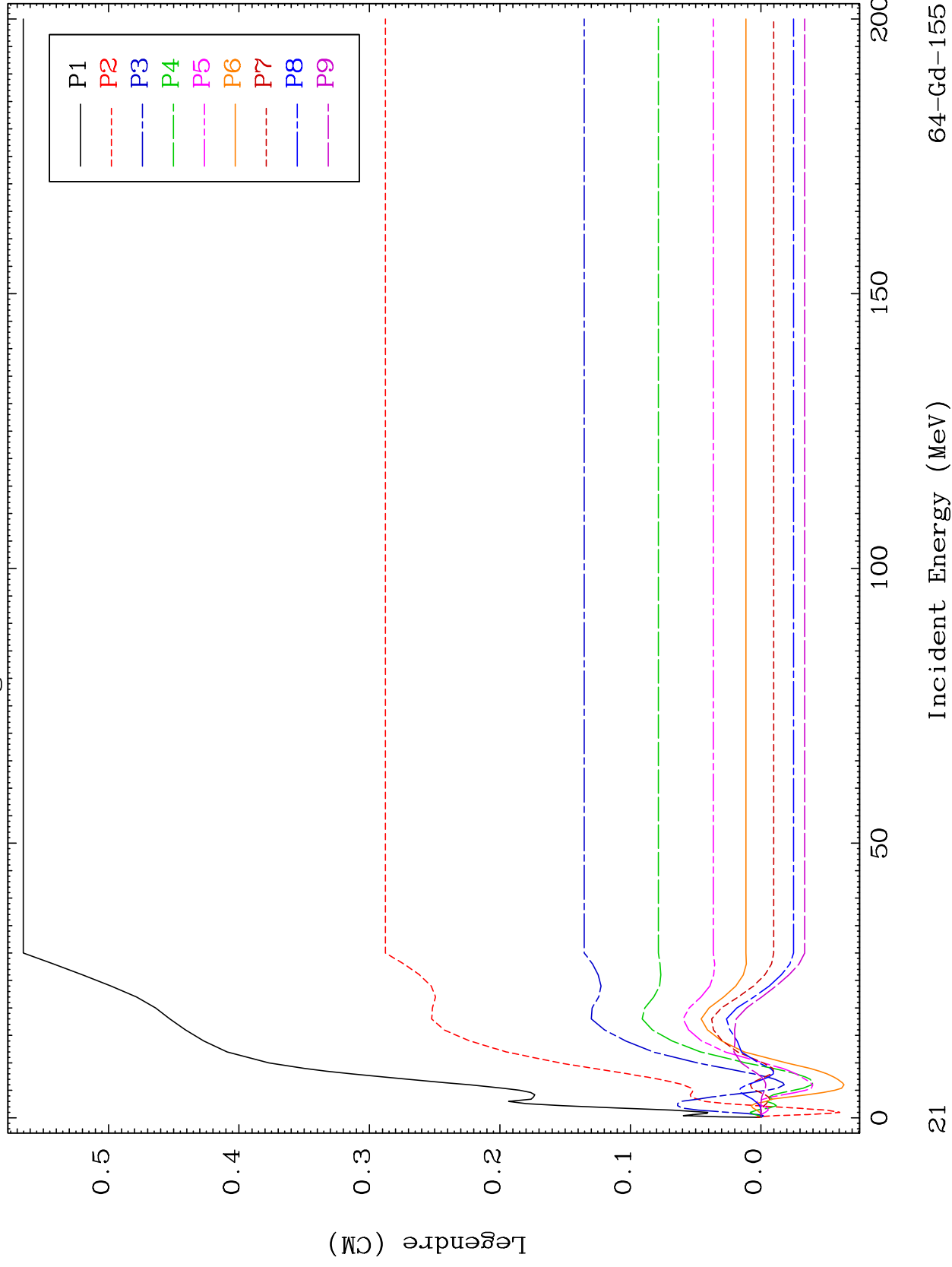
Incident Energy (MeV)

20

MAT 6434

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

64-Gd-155



64-Gd-155

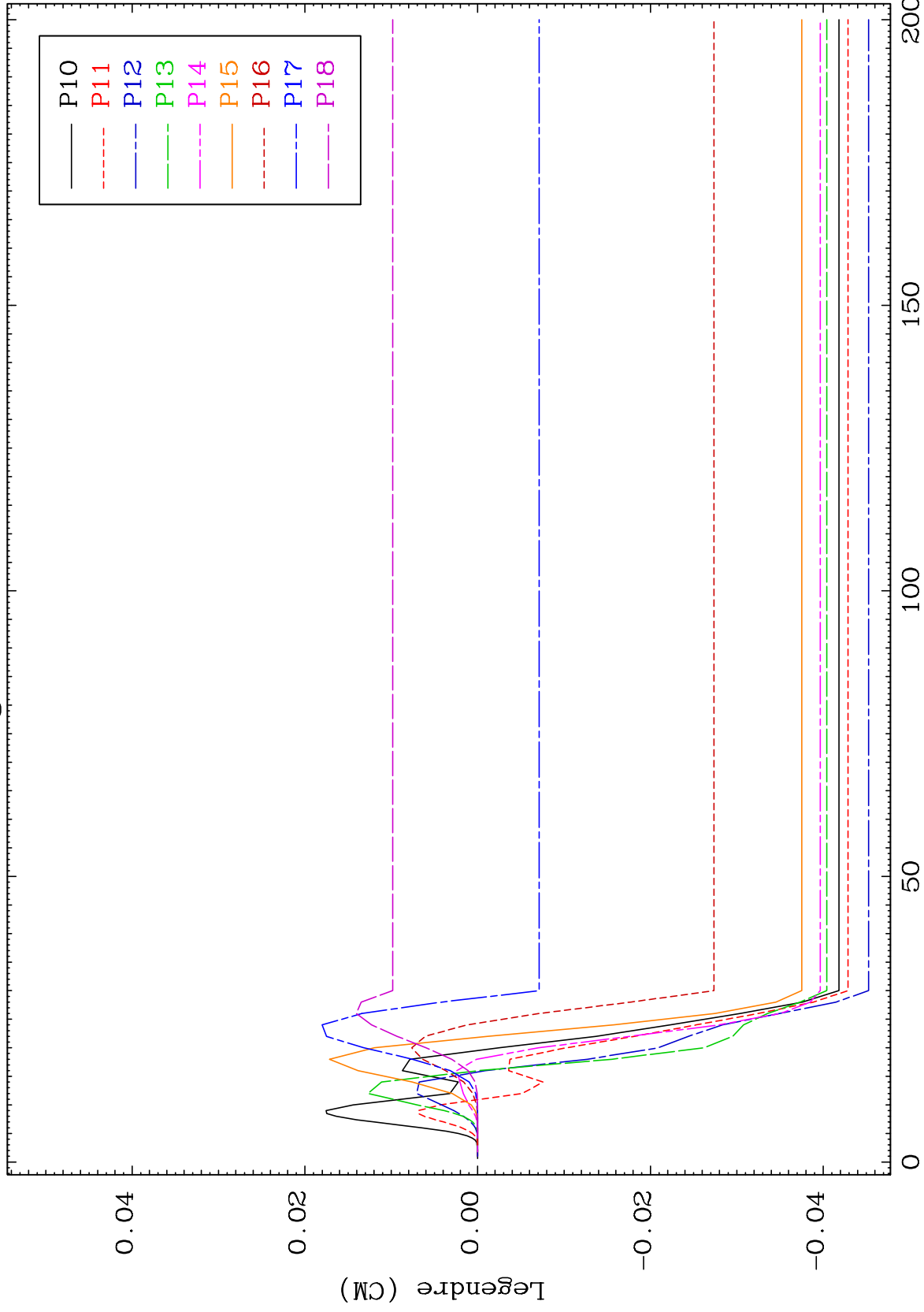
Incident Energy (MeV)

21

MAT 6434

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

64-Gd-155



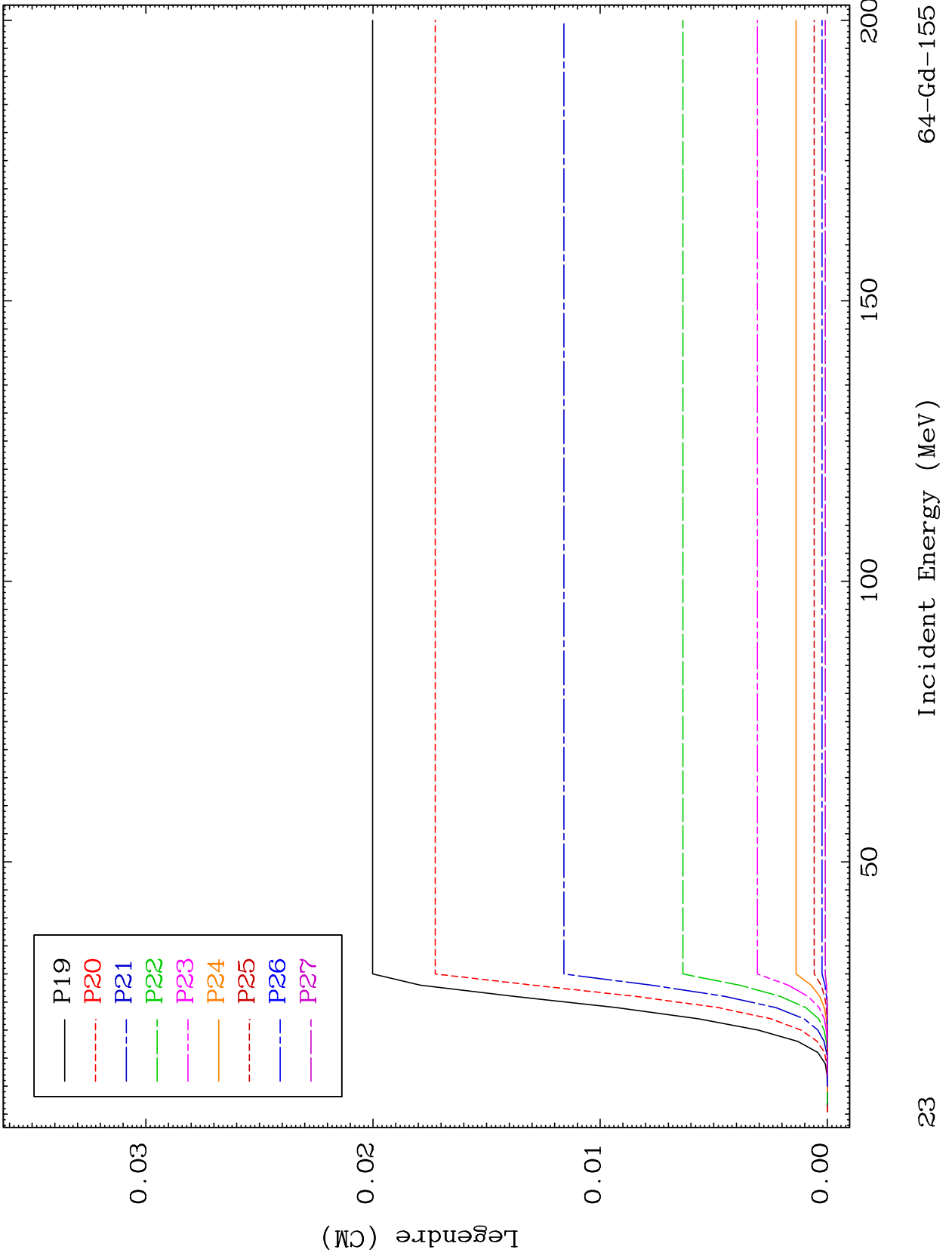
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64-Gd-155

MAT 6434

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

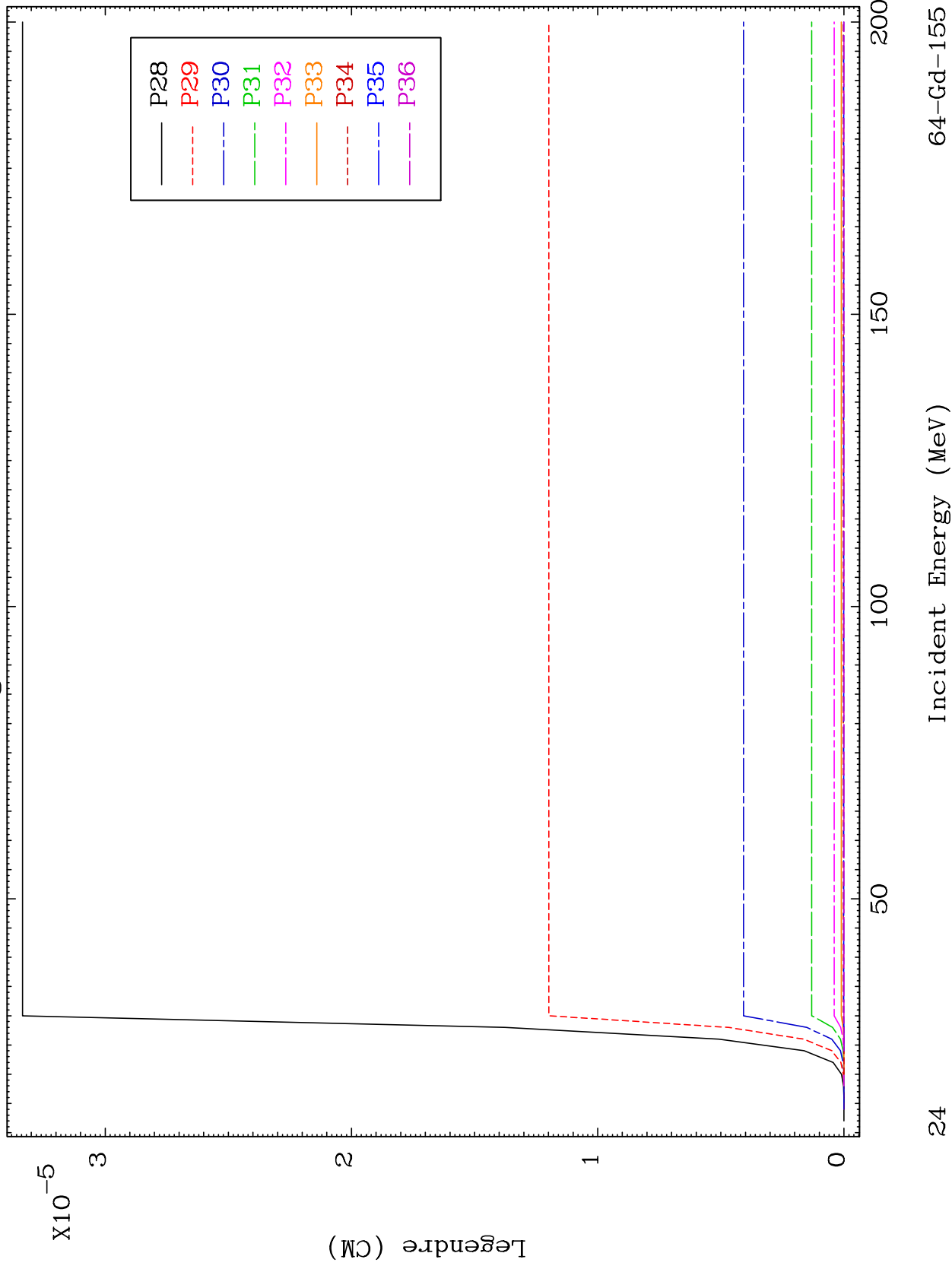
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MAT 6434

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

64-Gd-155



24

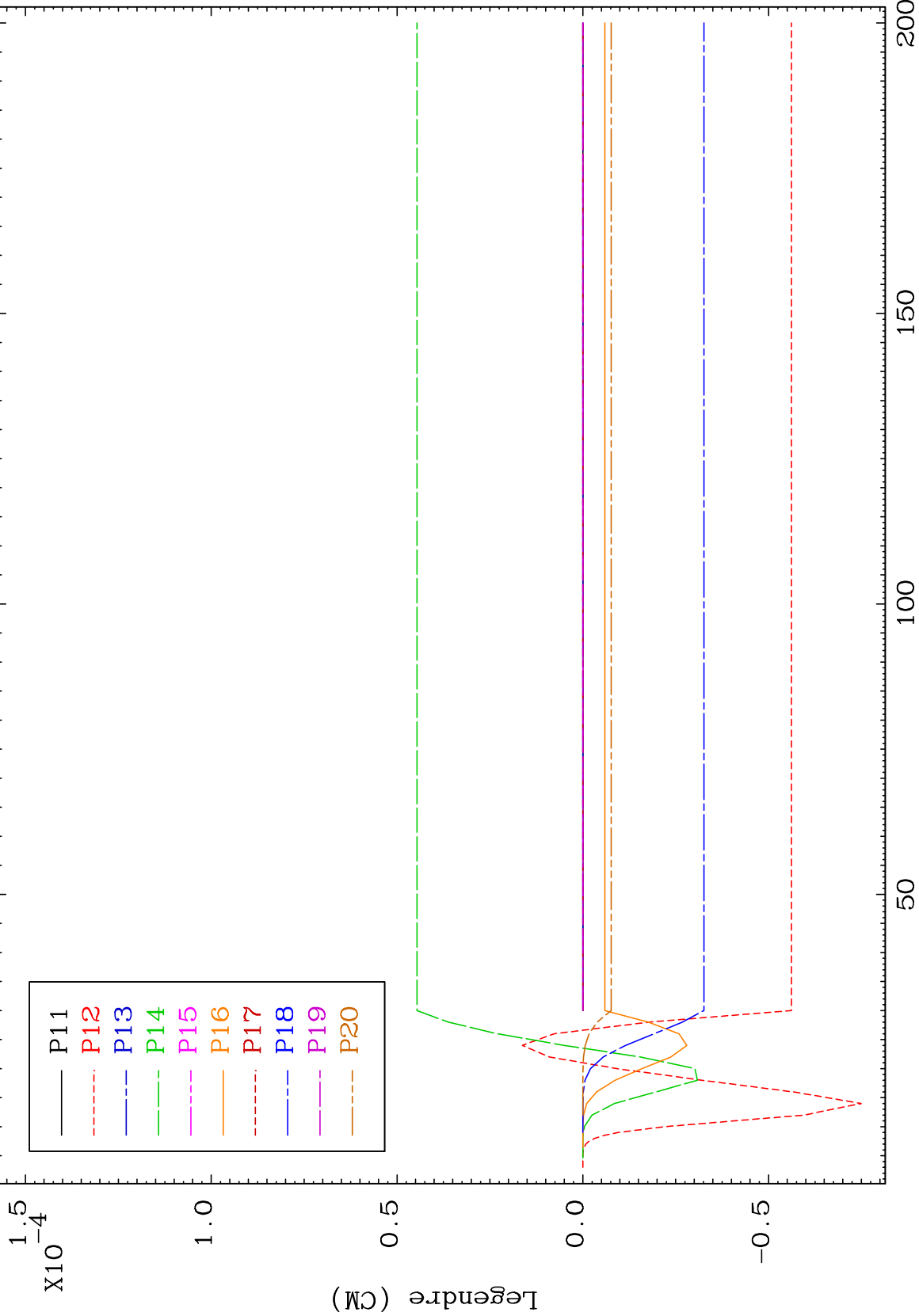
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



26

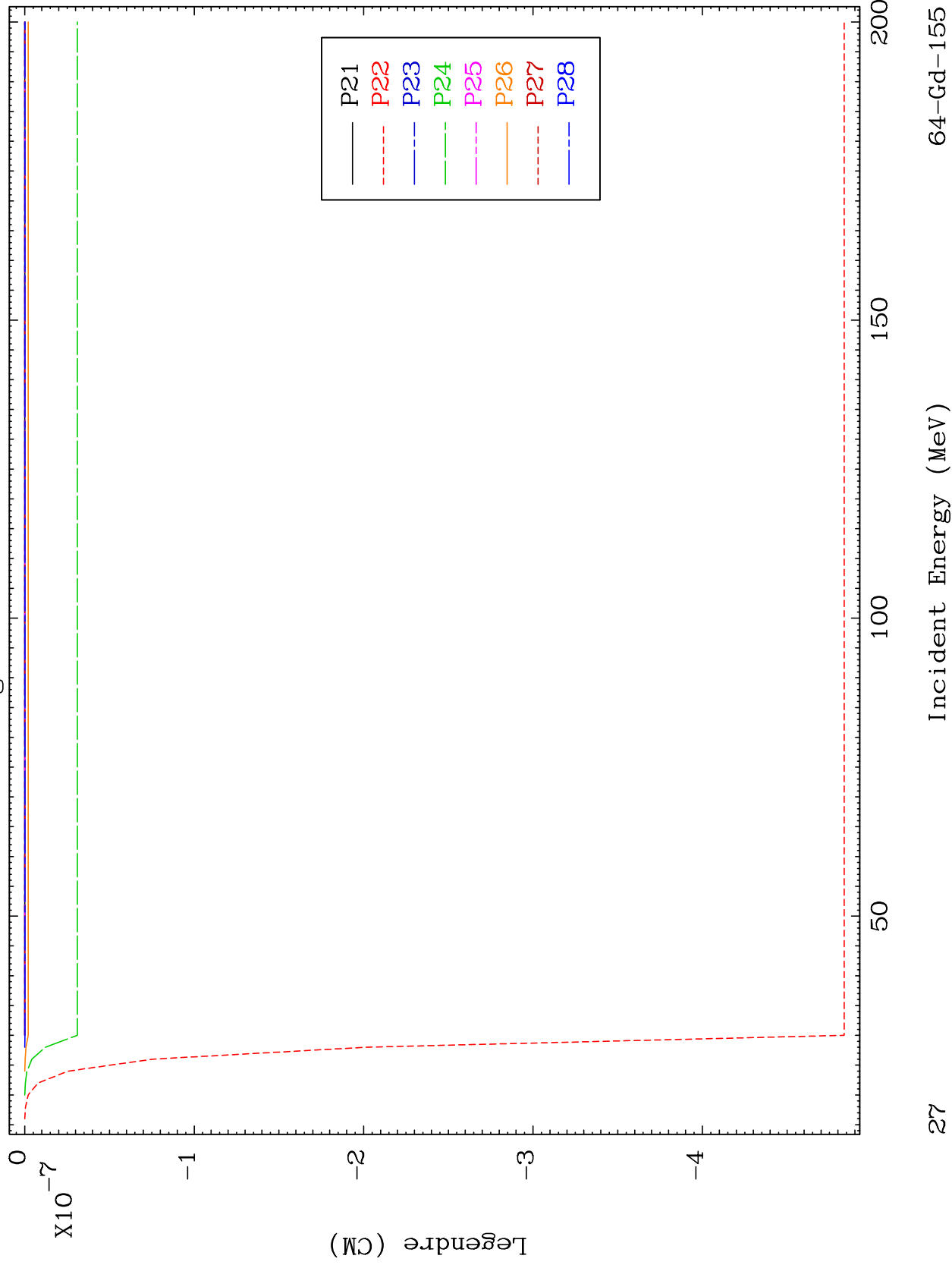
Incident Energy (MeV)

64-Gd-155

MAT 6434

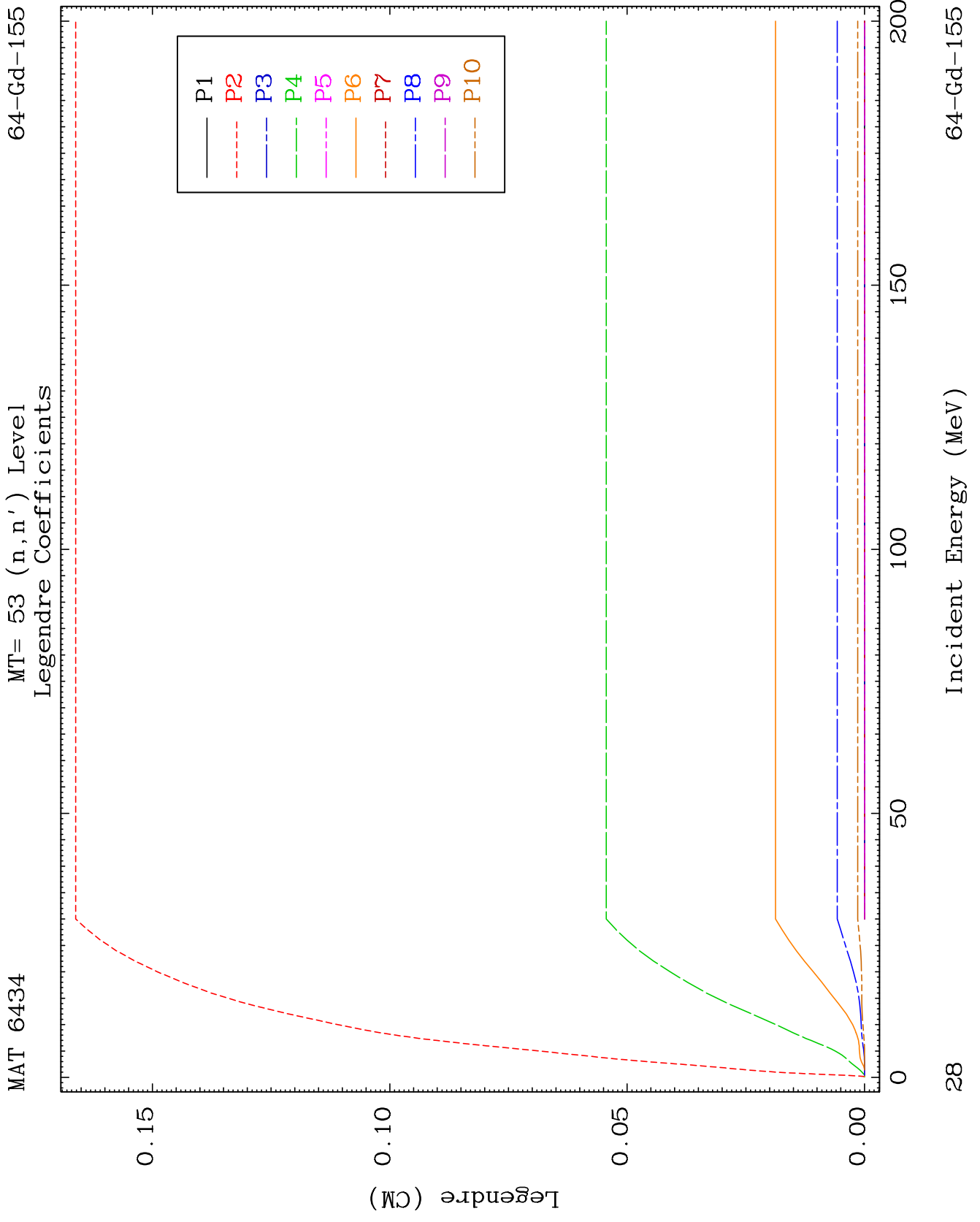
MT= 52 (n,n') Level
Legendre Coefficients

64-Gd-155



27

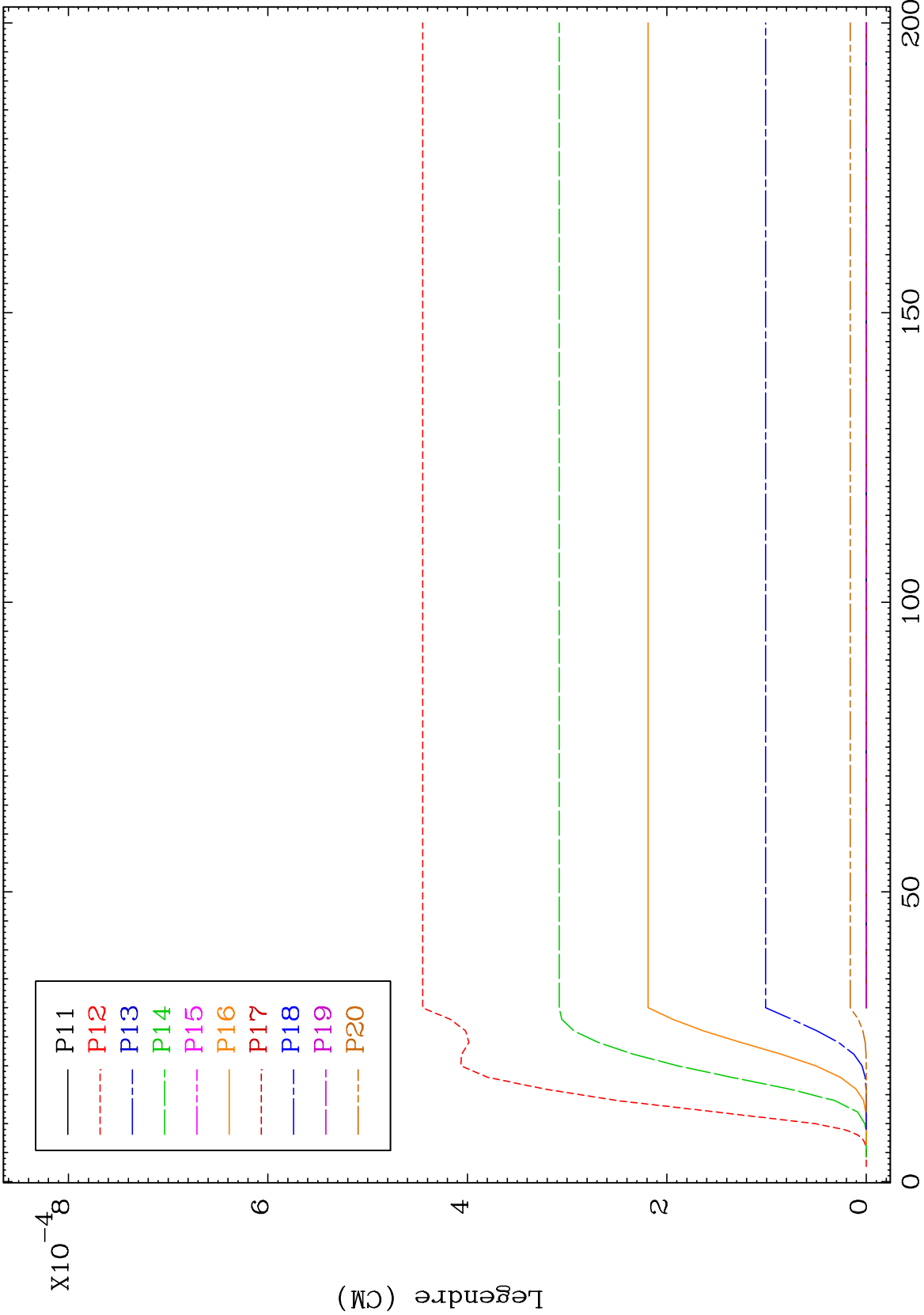
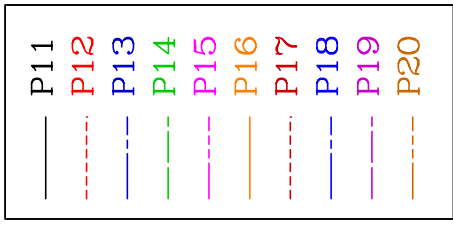
64-Gd-155



MAT 6434

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

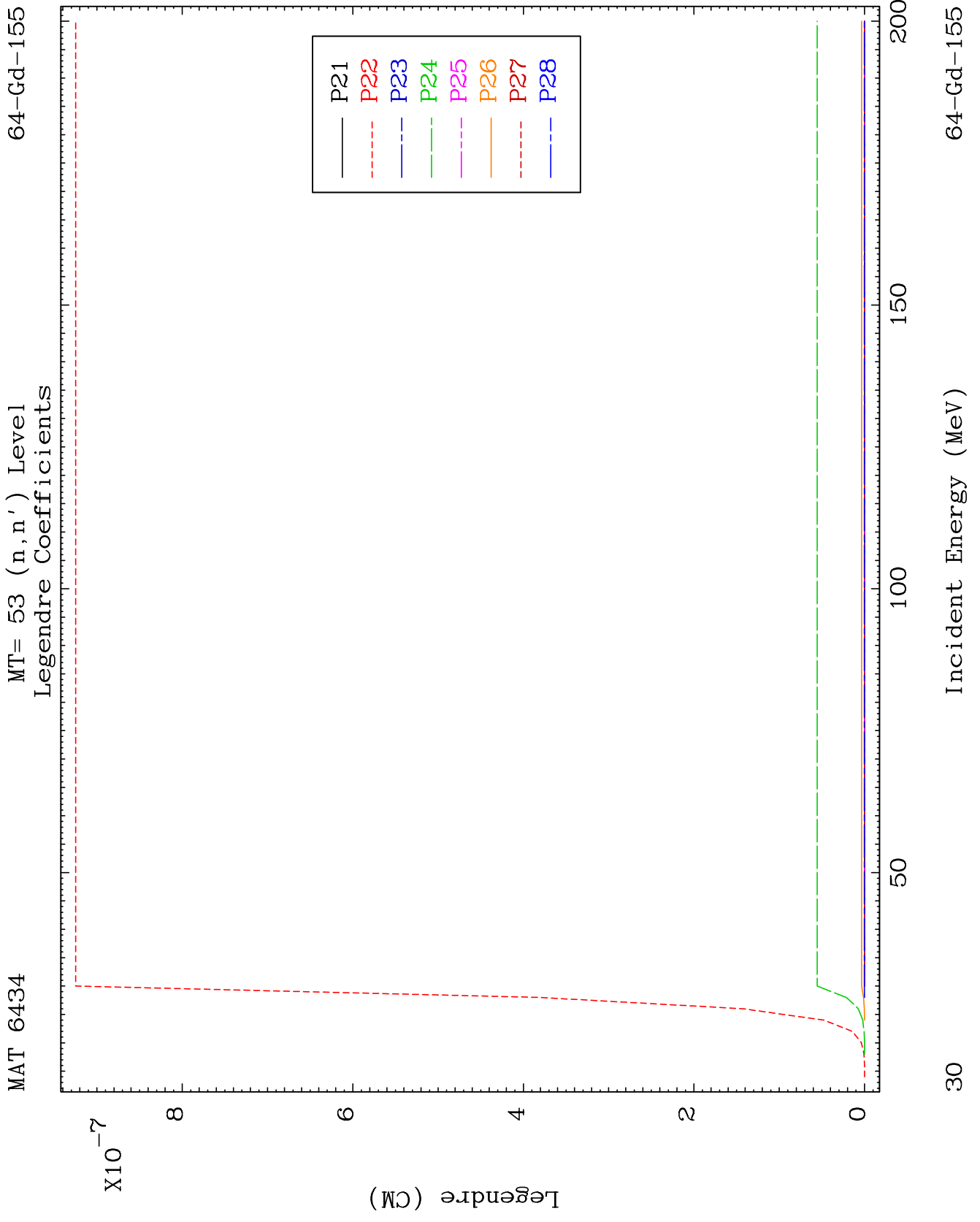
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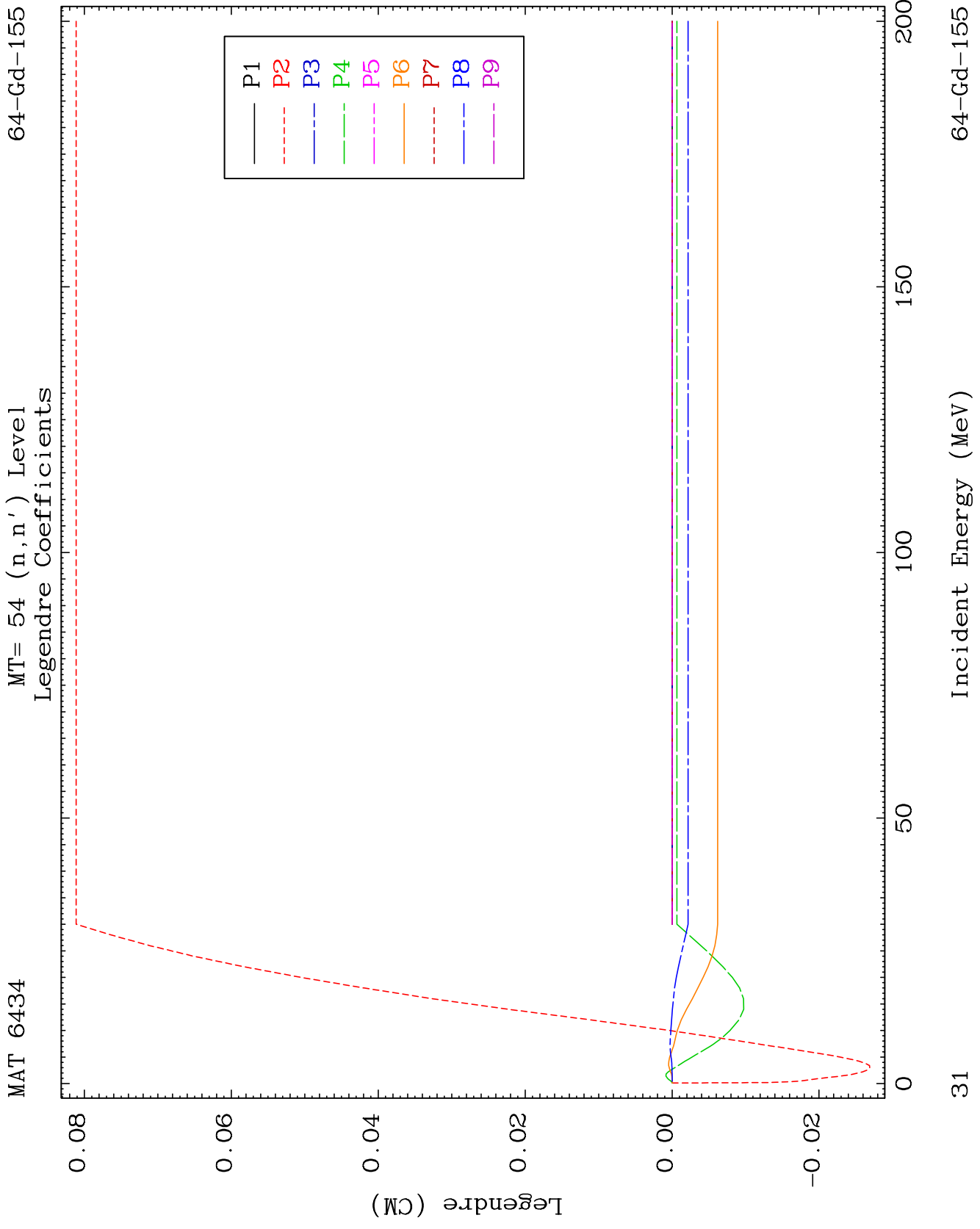


29

Incident Energy (MeV)

64-Gd-155

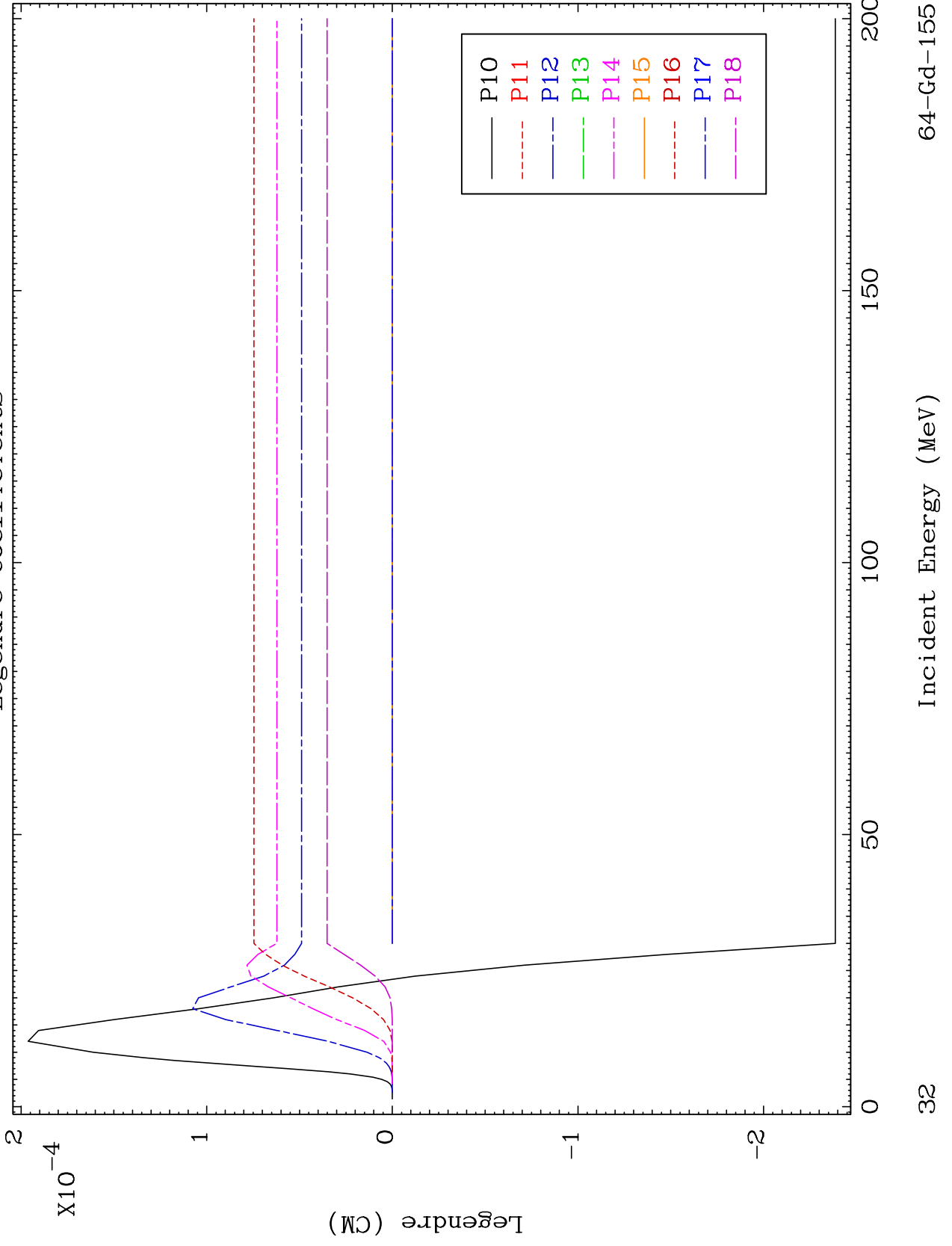




MAT 6434

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

64-Gd-155



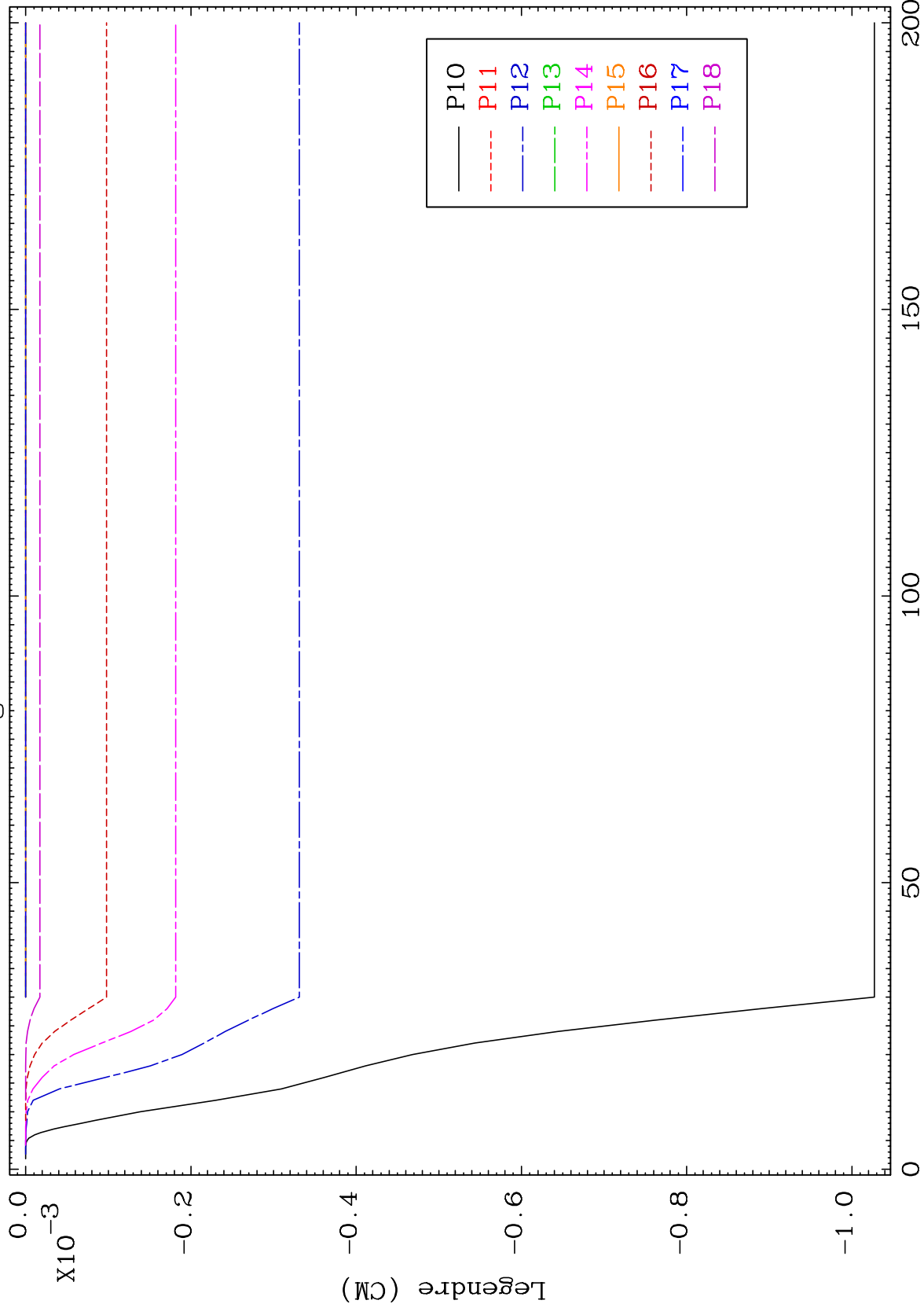
32

64-Gd-155

MAT 6434

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

64-Gd-155



35

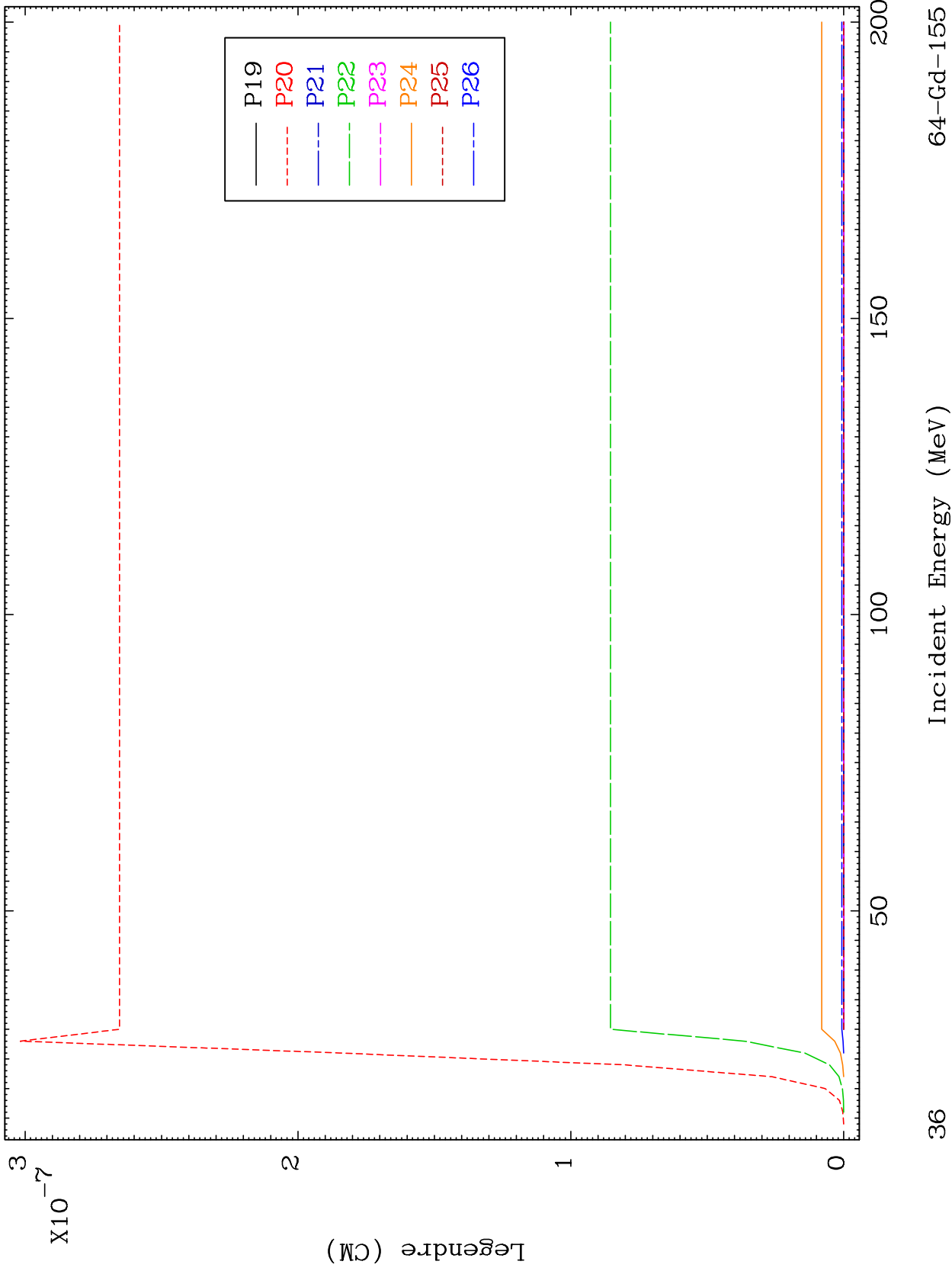
Incident Energy (MeV)

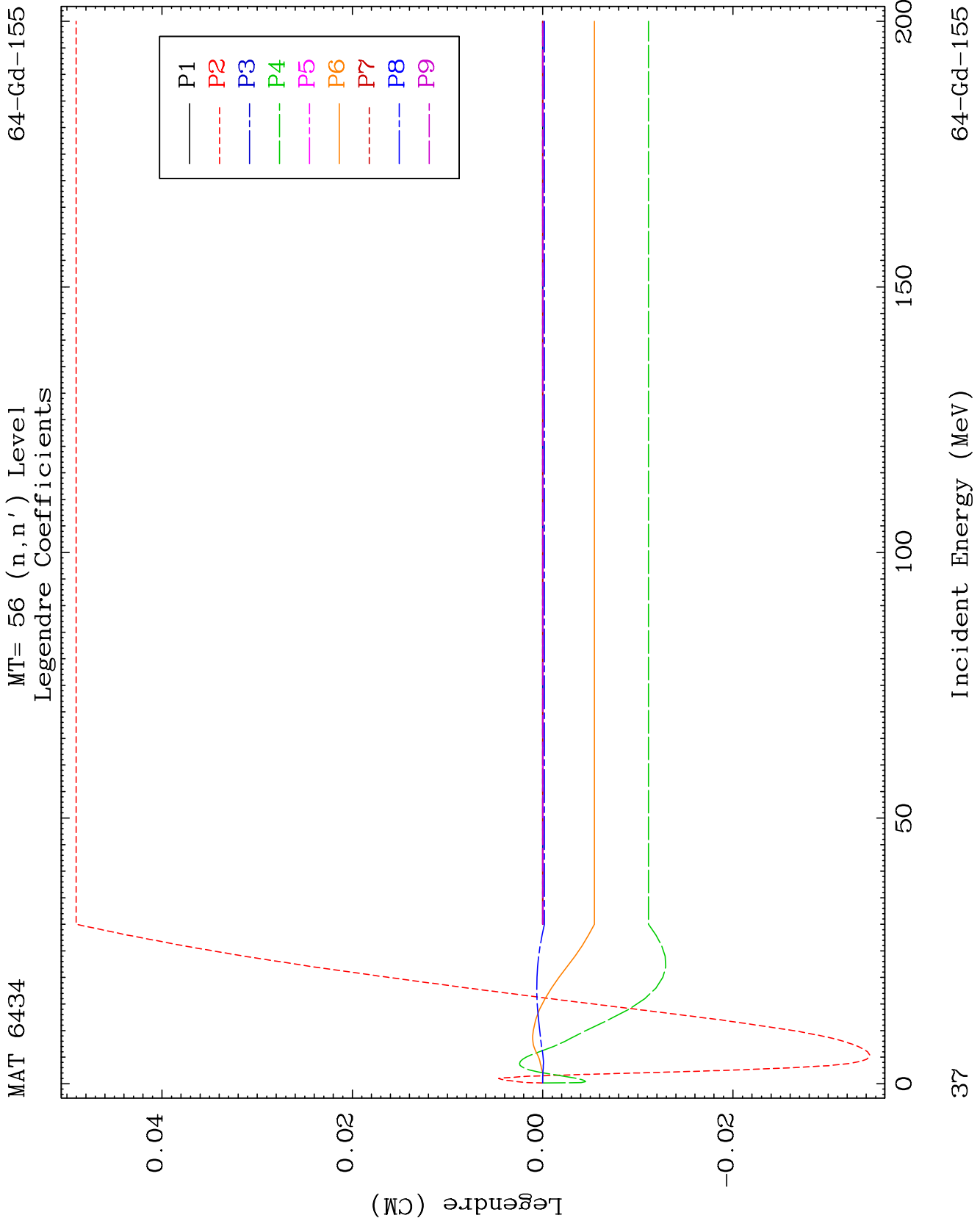
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MAT 6434

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

64-Gd-155

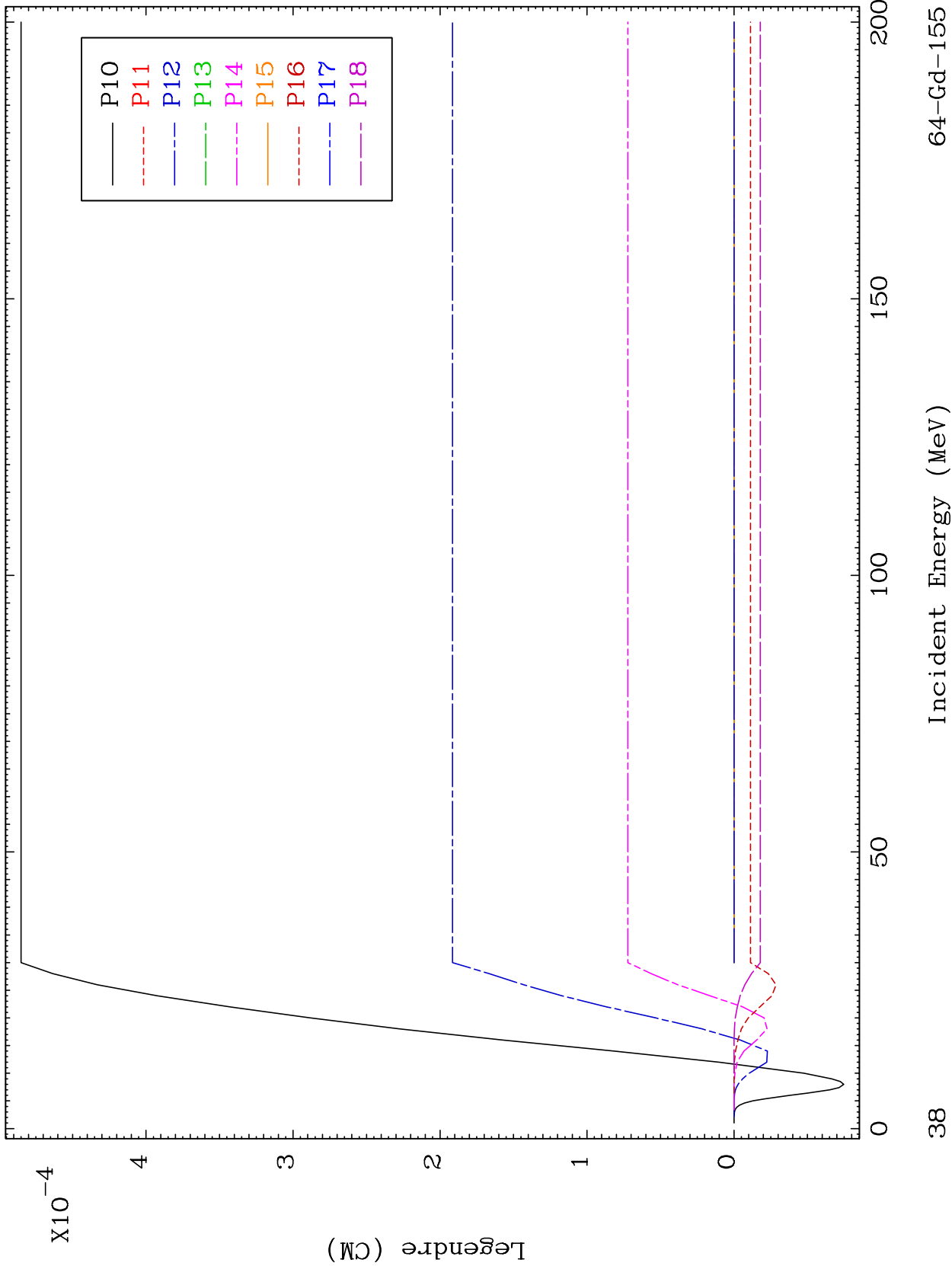




MAT 6434

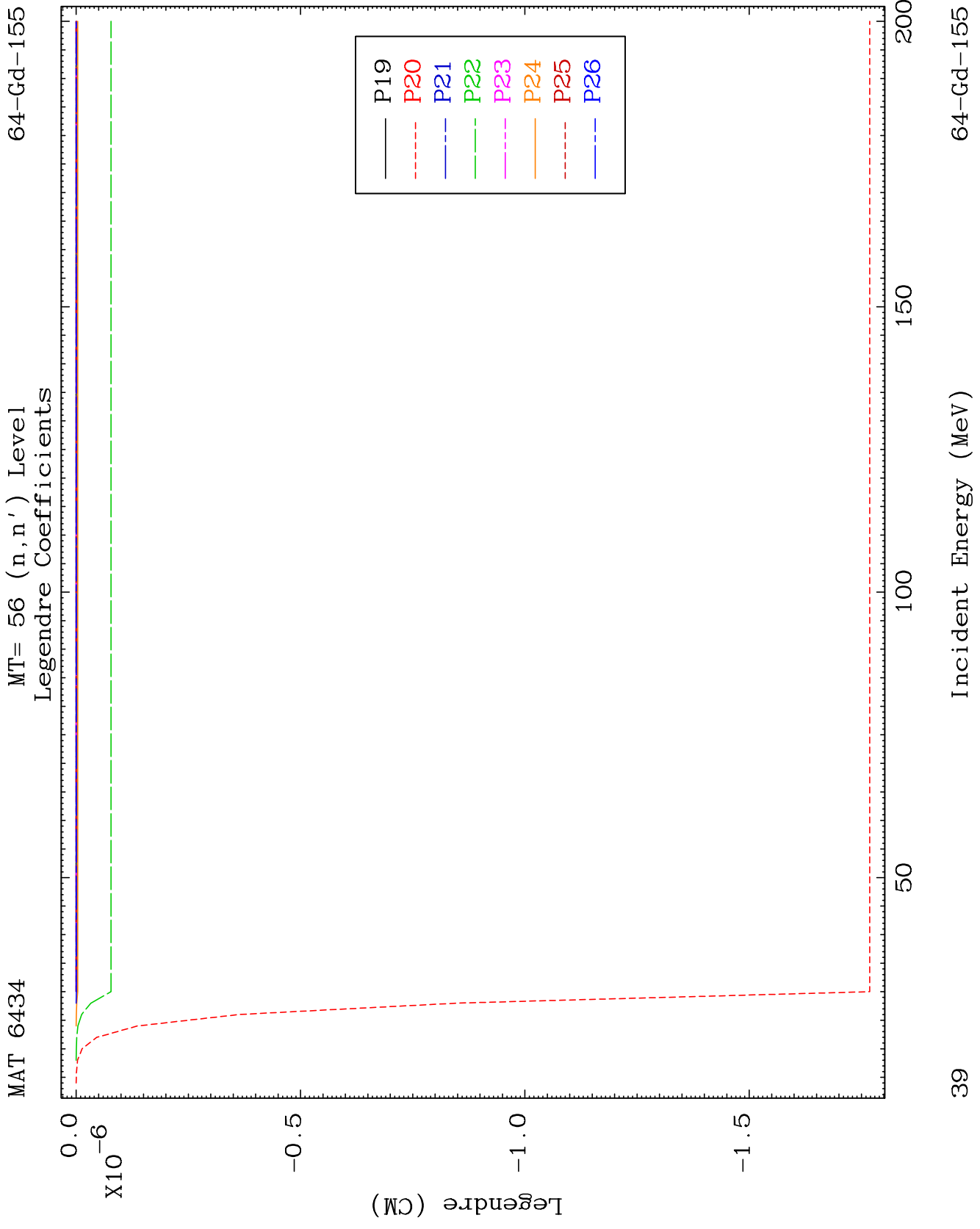
MT= 56 (n,n') Level
Legendre Coefficients

64-Gd-155



38

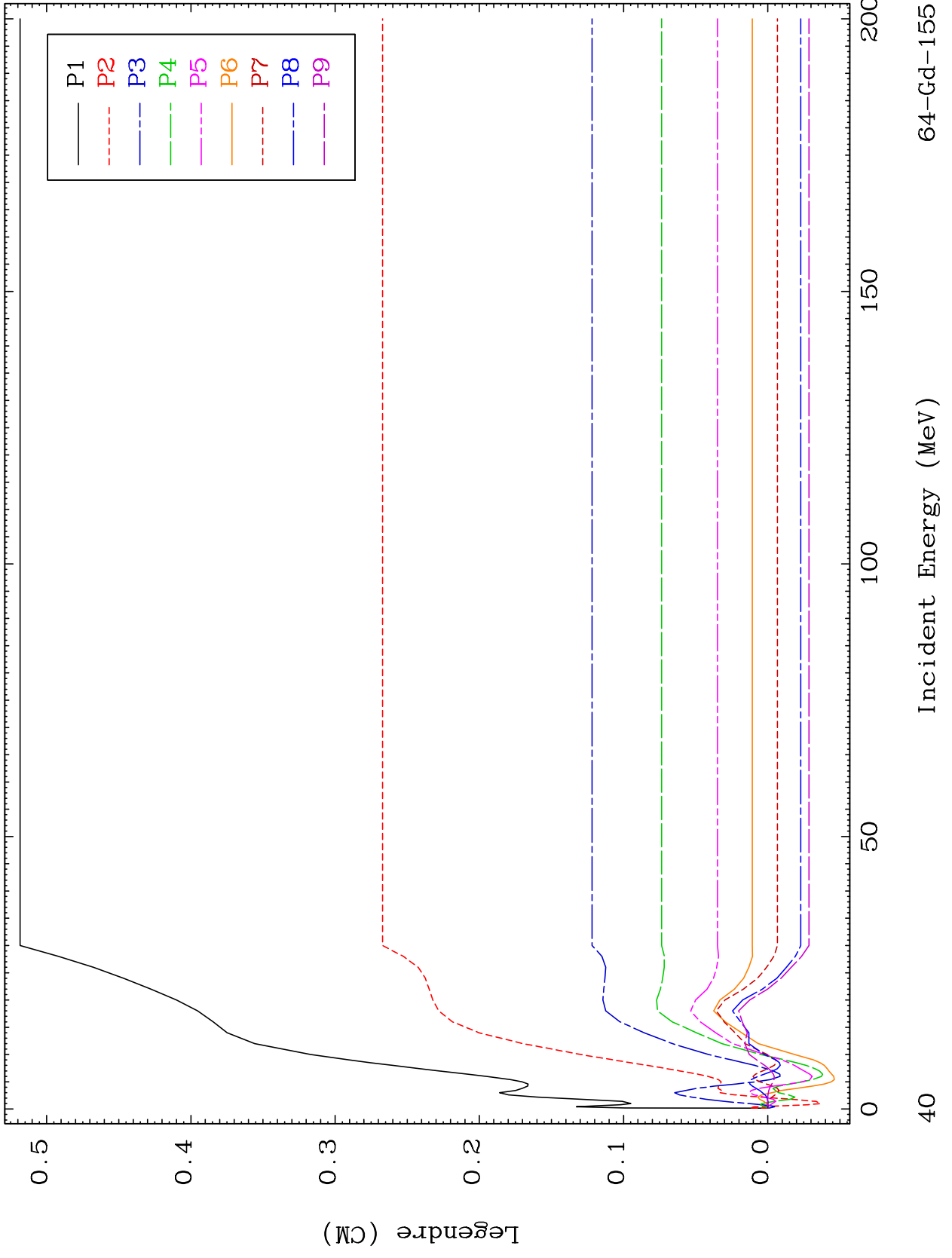
64-Gd-155



MAT 6434

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

64-Gd-155



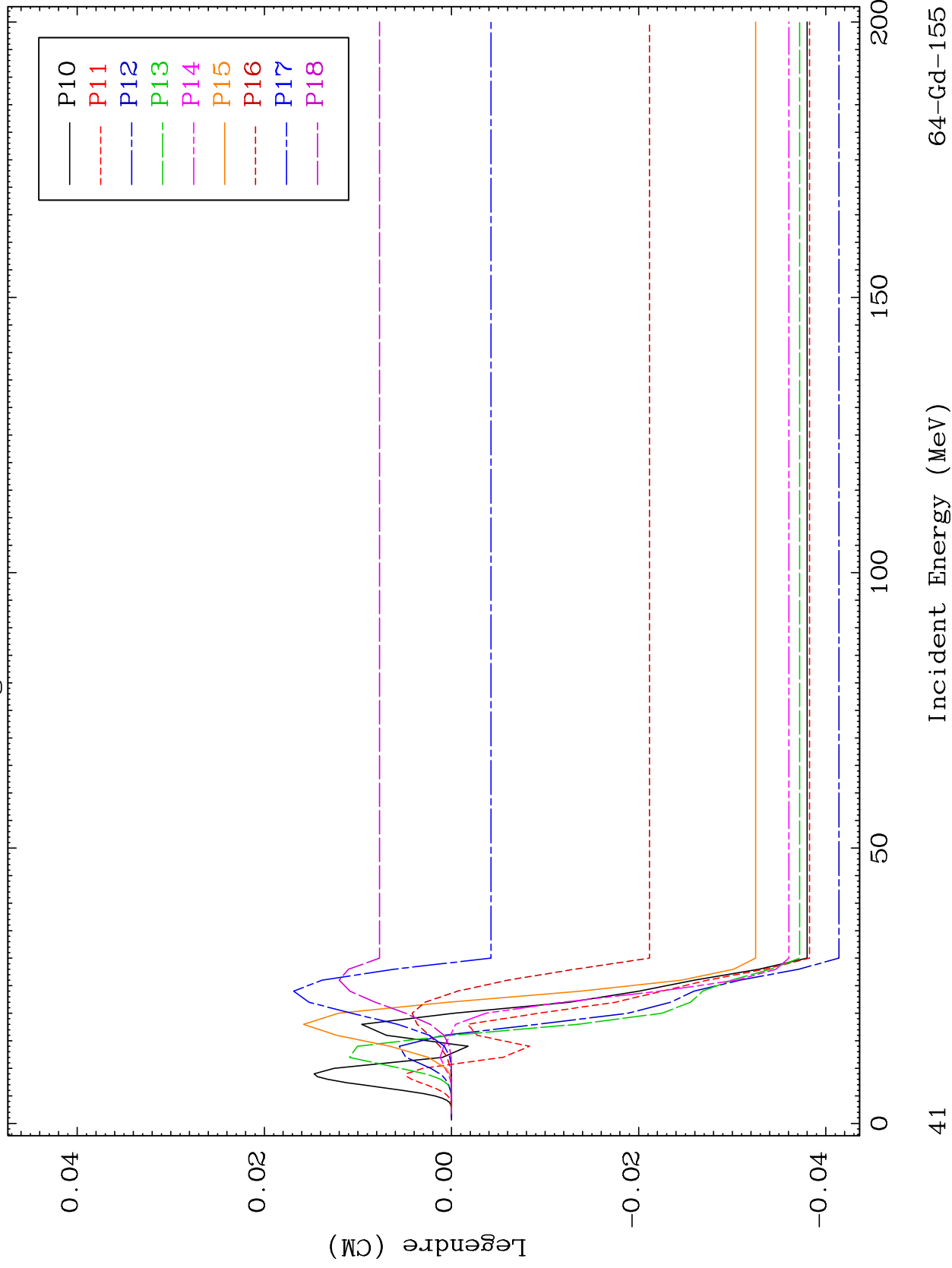
64-Gd-155

Incident Energy (MeV)

MAT 6434

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

64-Gd-155



41

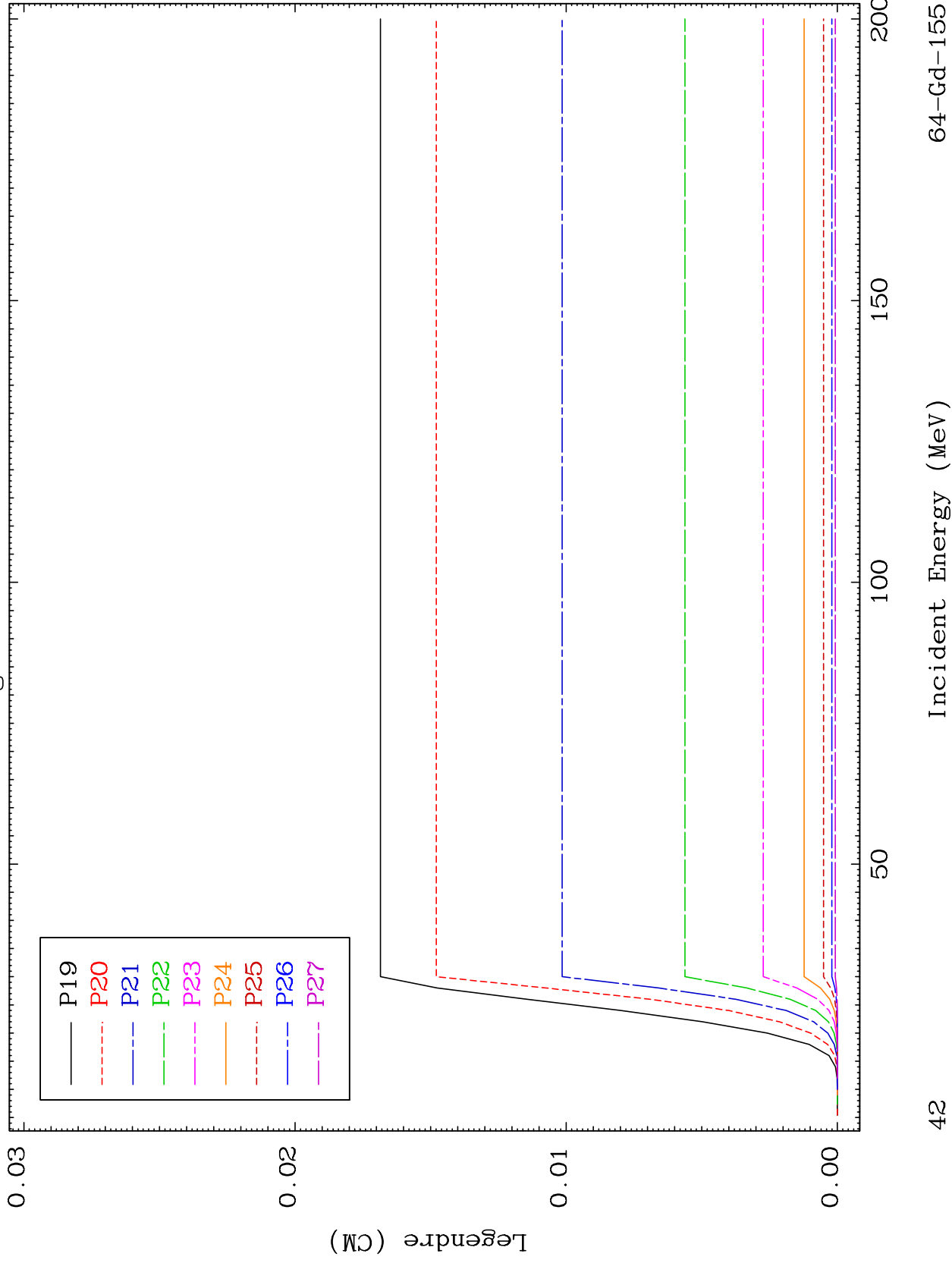
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



42

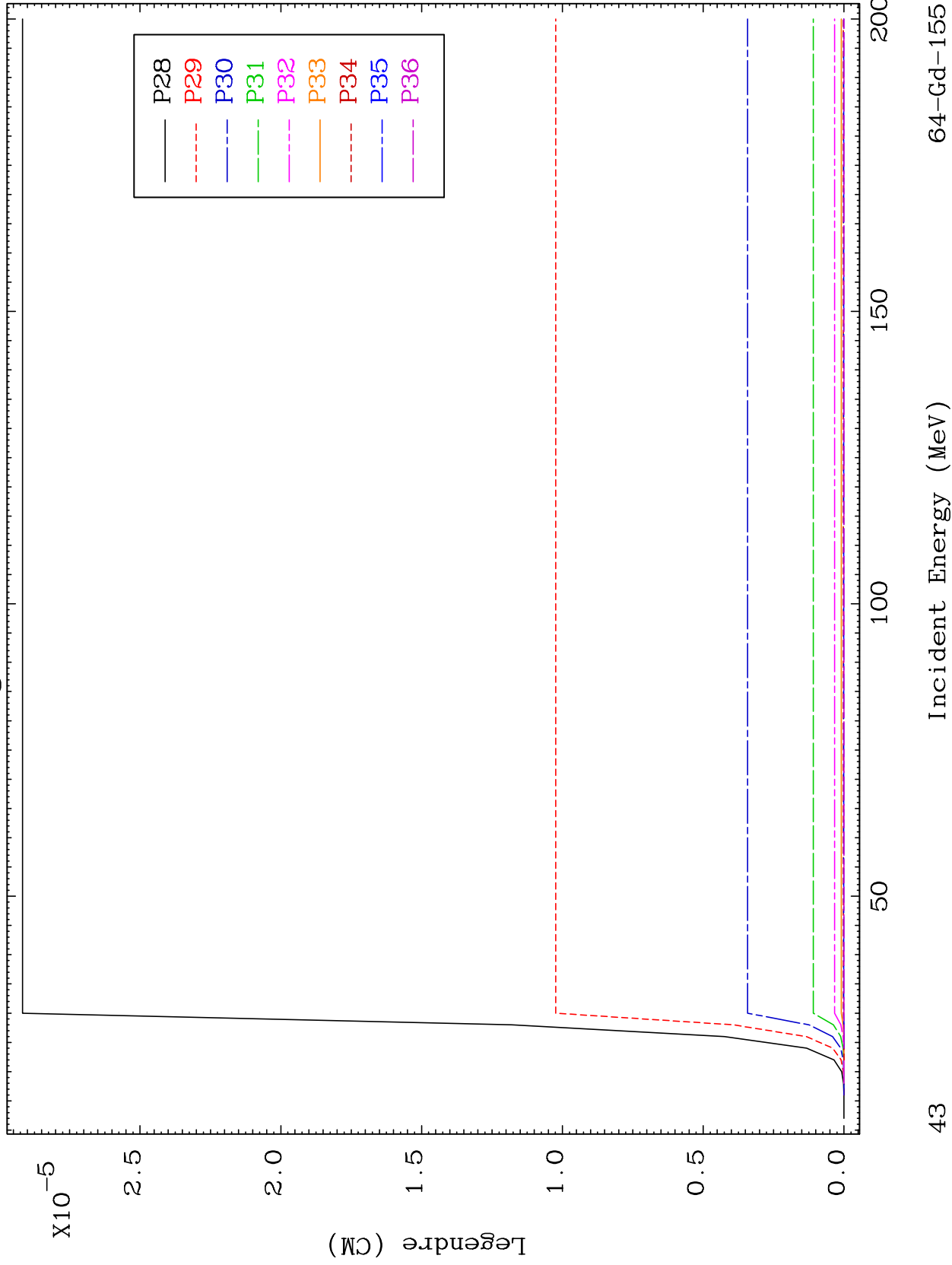
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

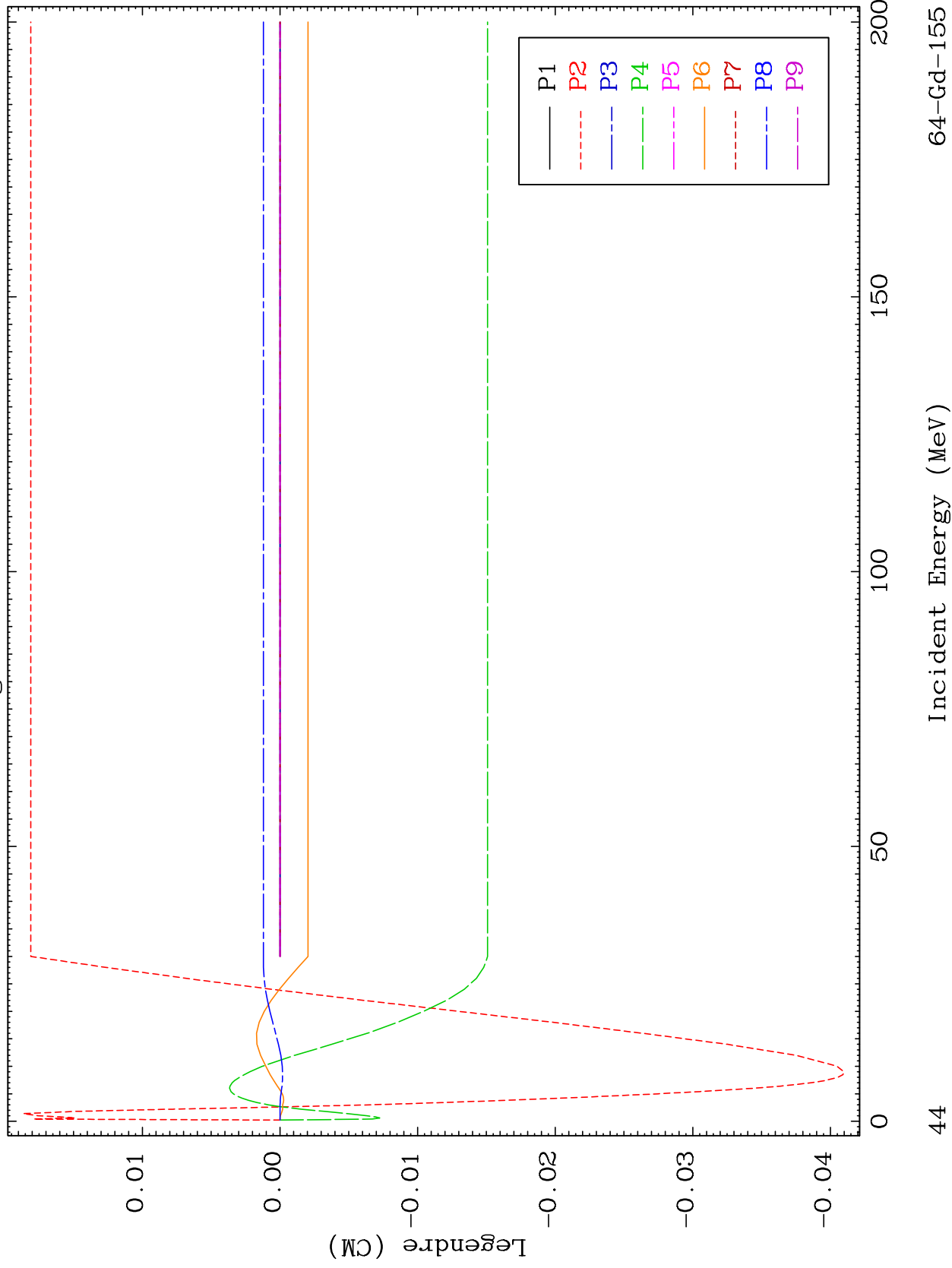
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MAT 6434

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

64-Gd-155



64-Gd-155

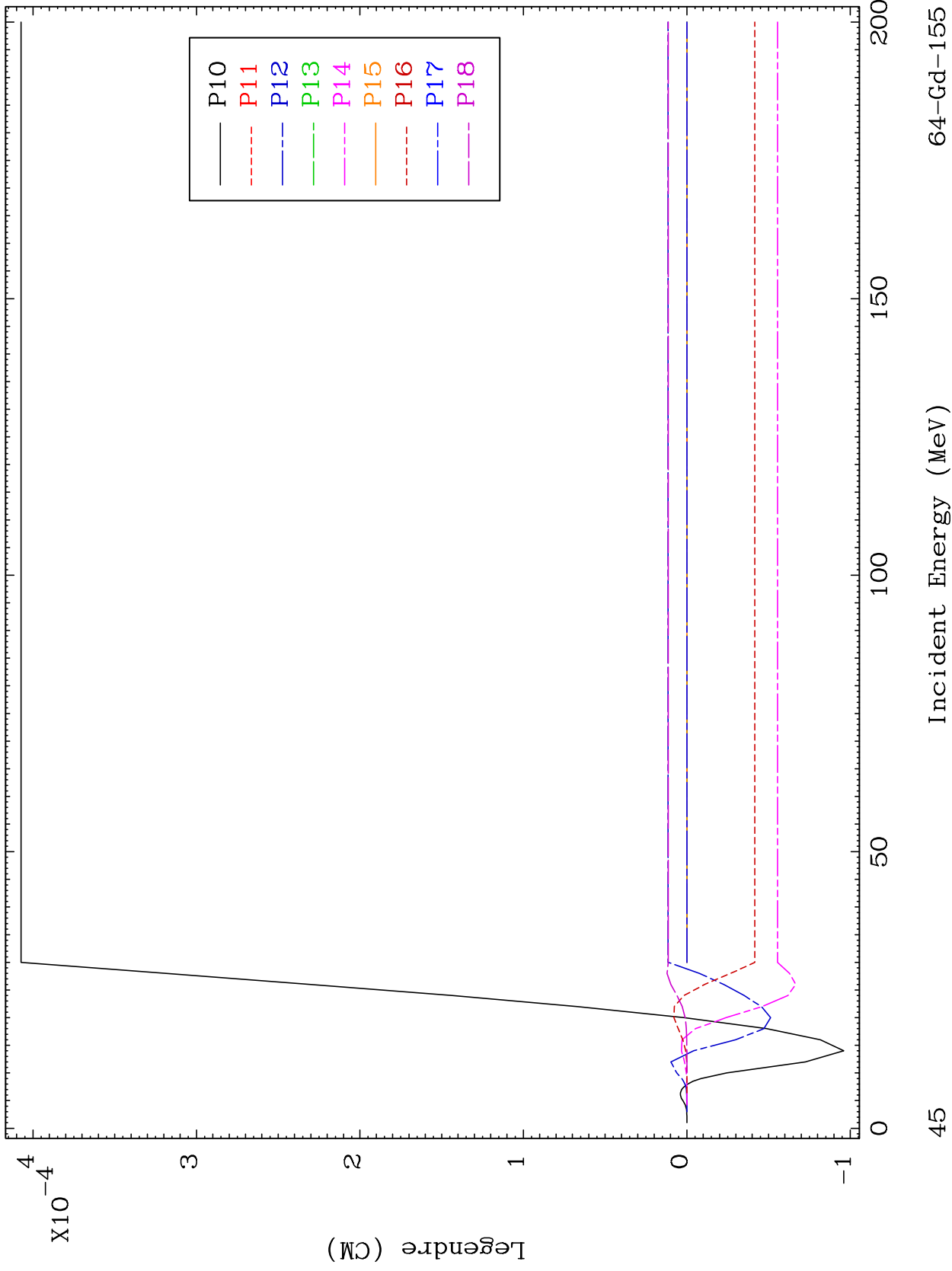
Incident Energy (MeV)

44

MAT 6434

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

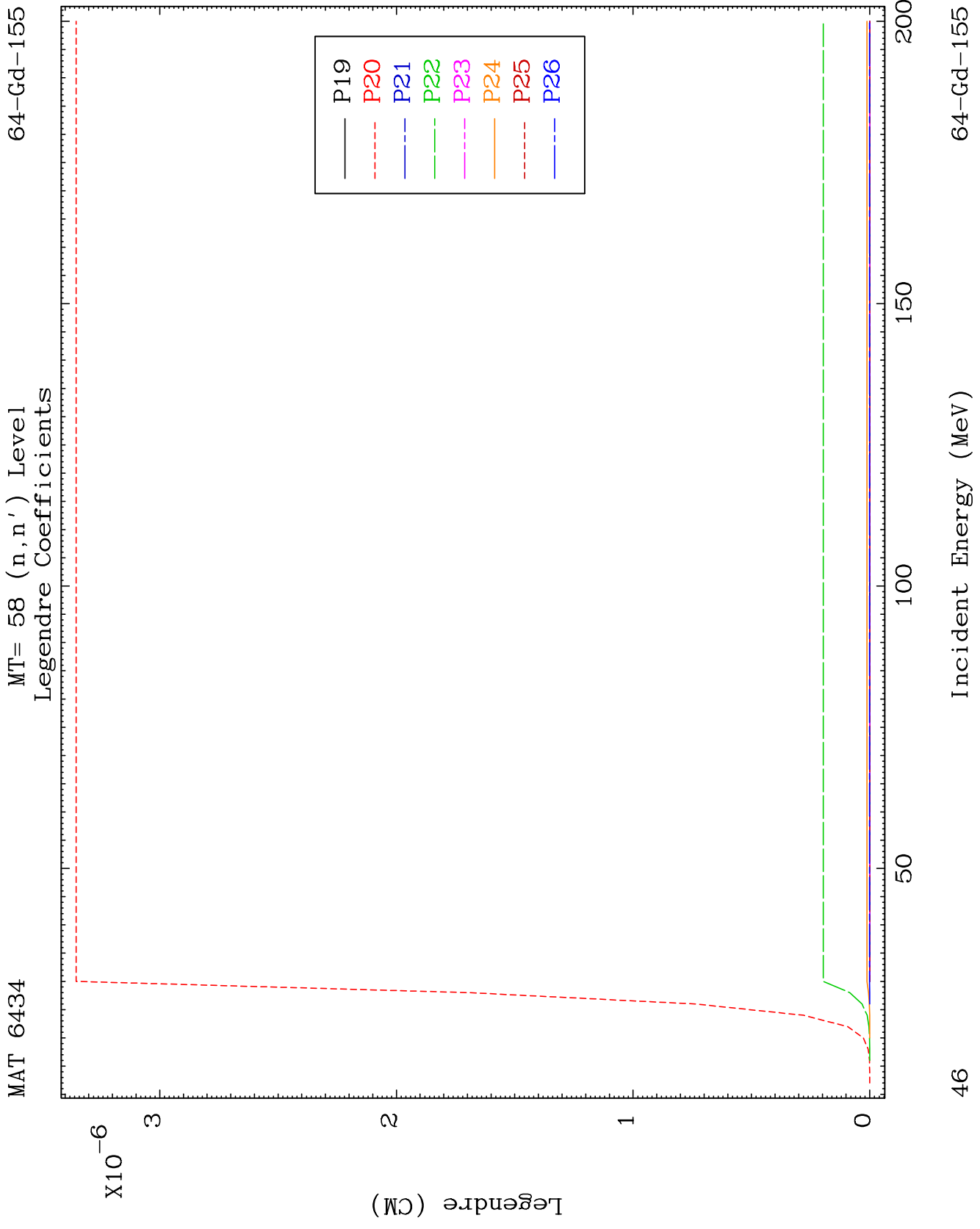
64-Gd-155



64-Gd-155

Incident Energy (MeV)

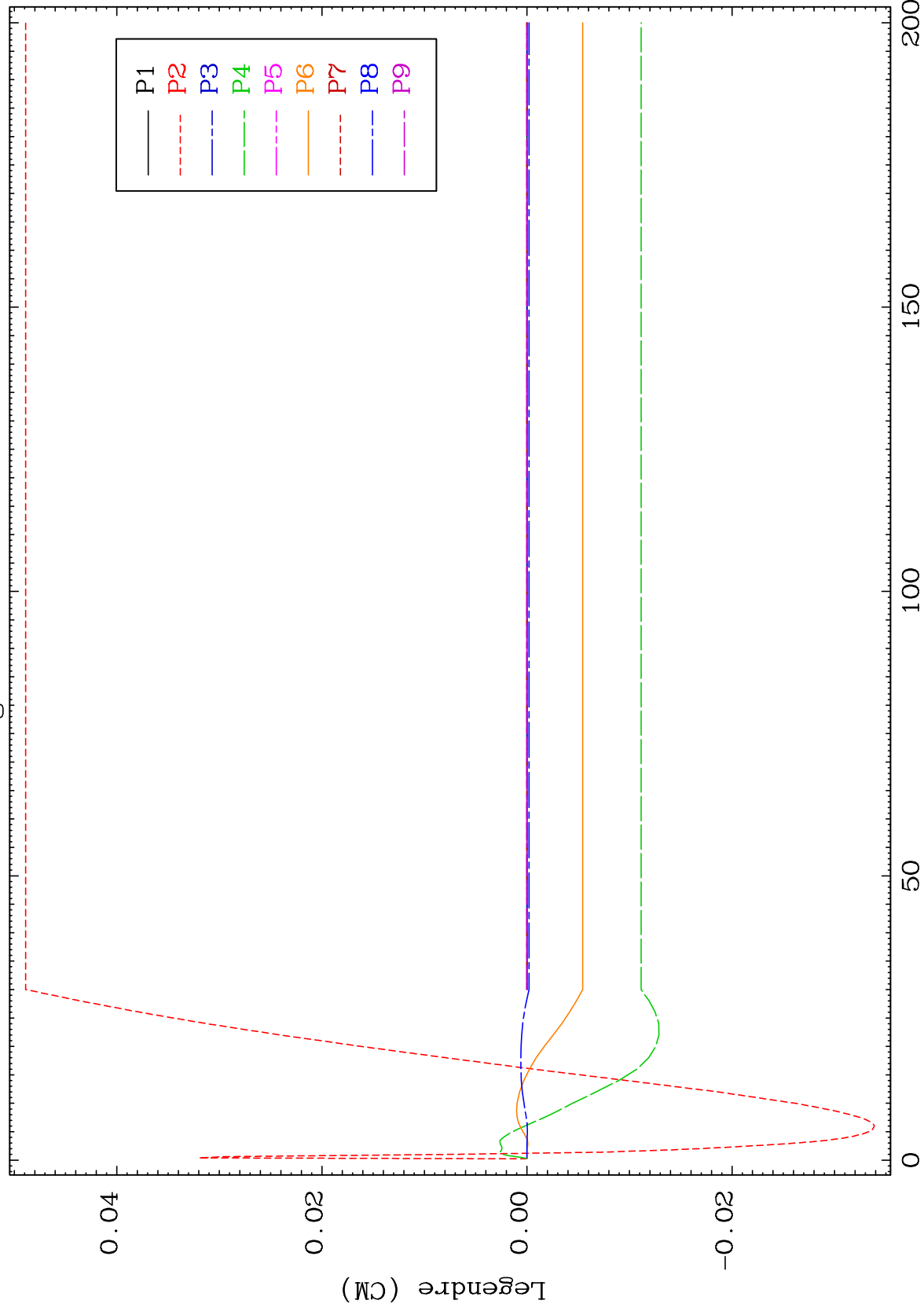
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MAT 6434

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

64-Gd-155



47

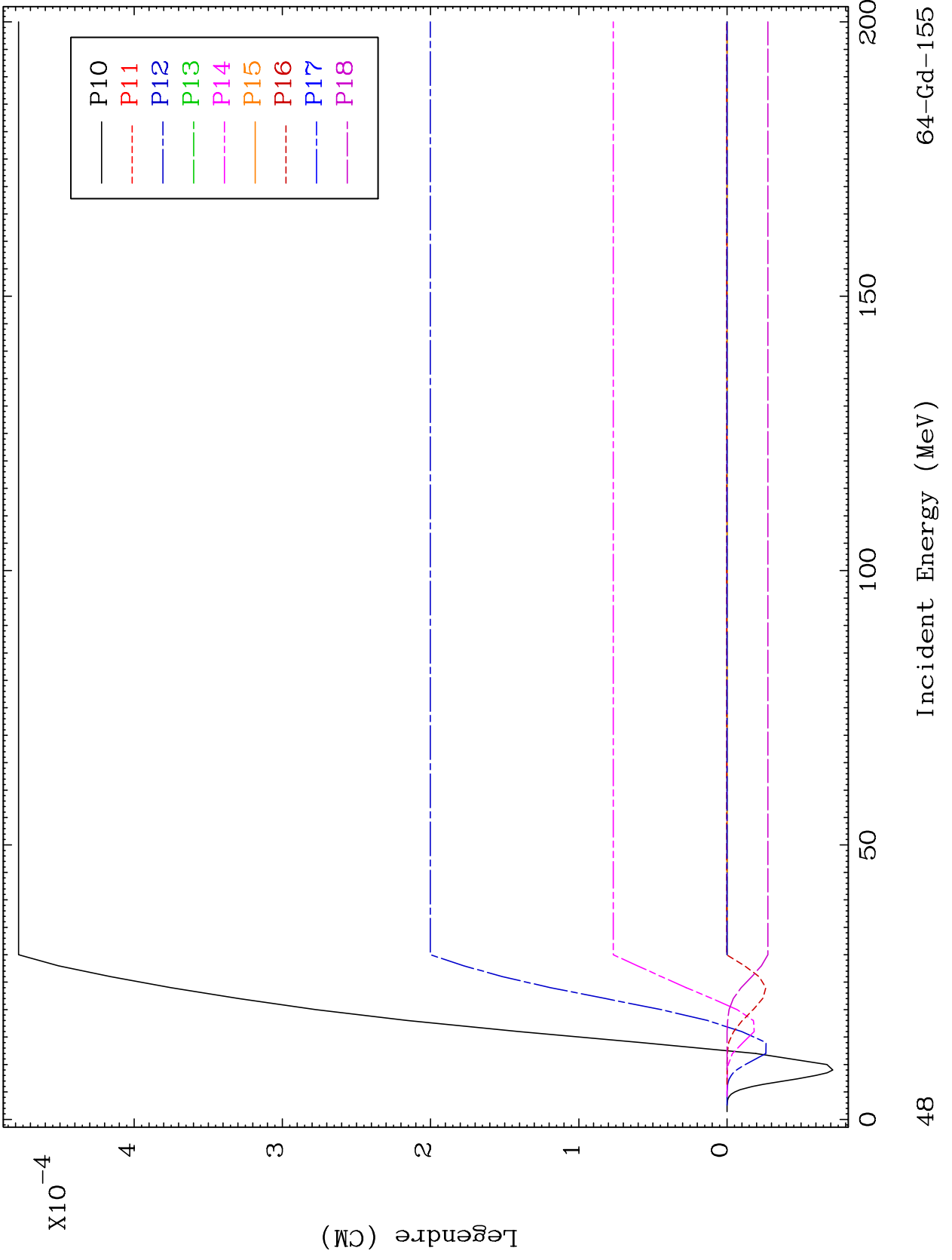
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

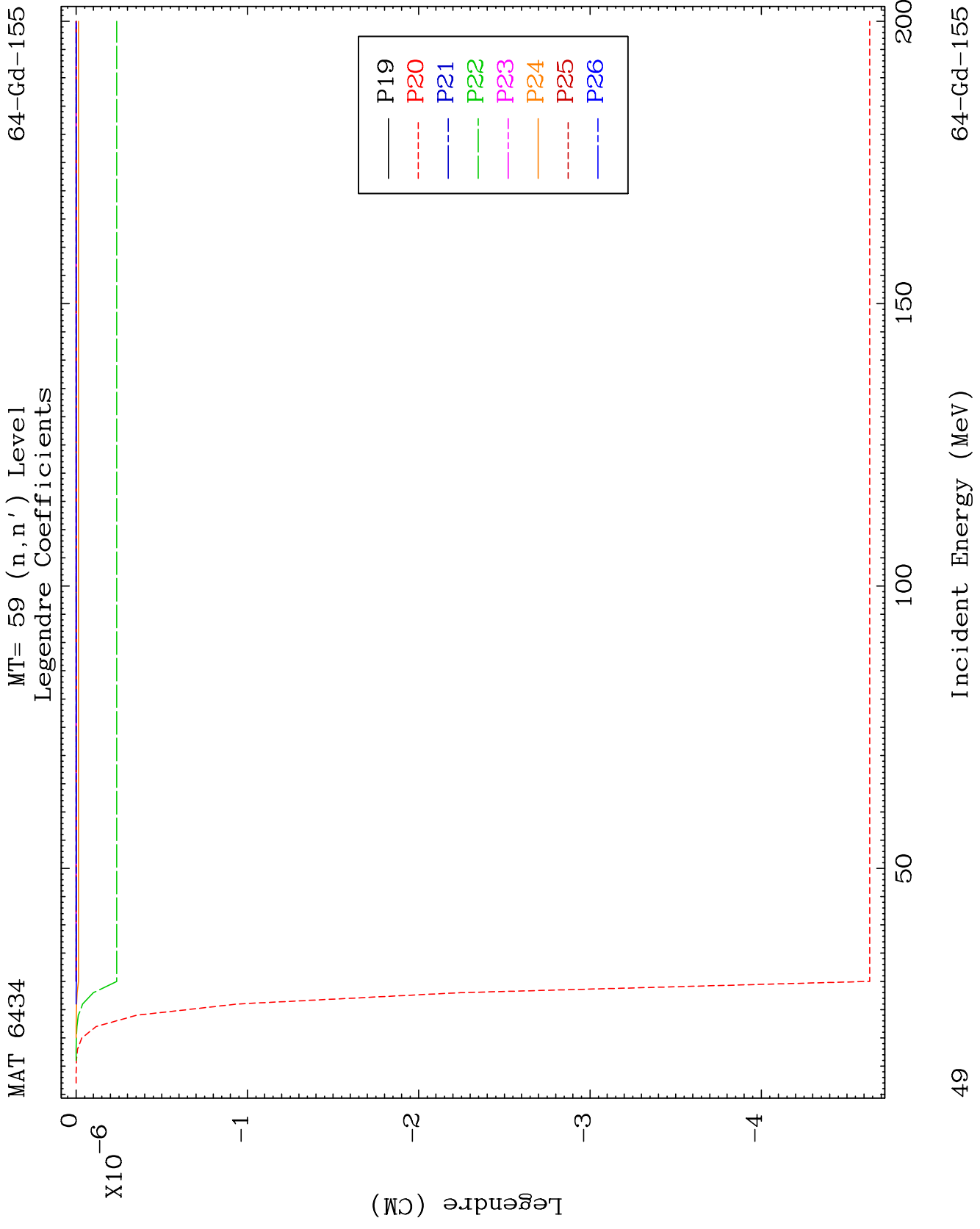
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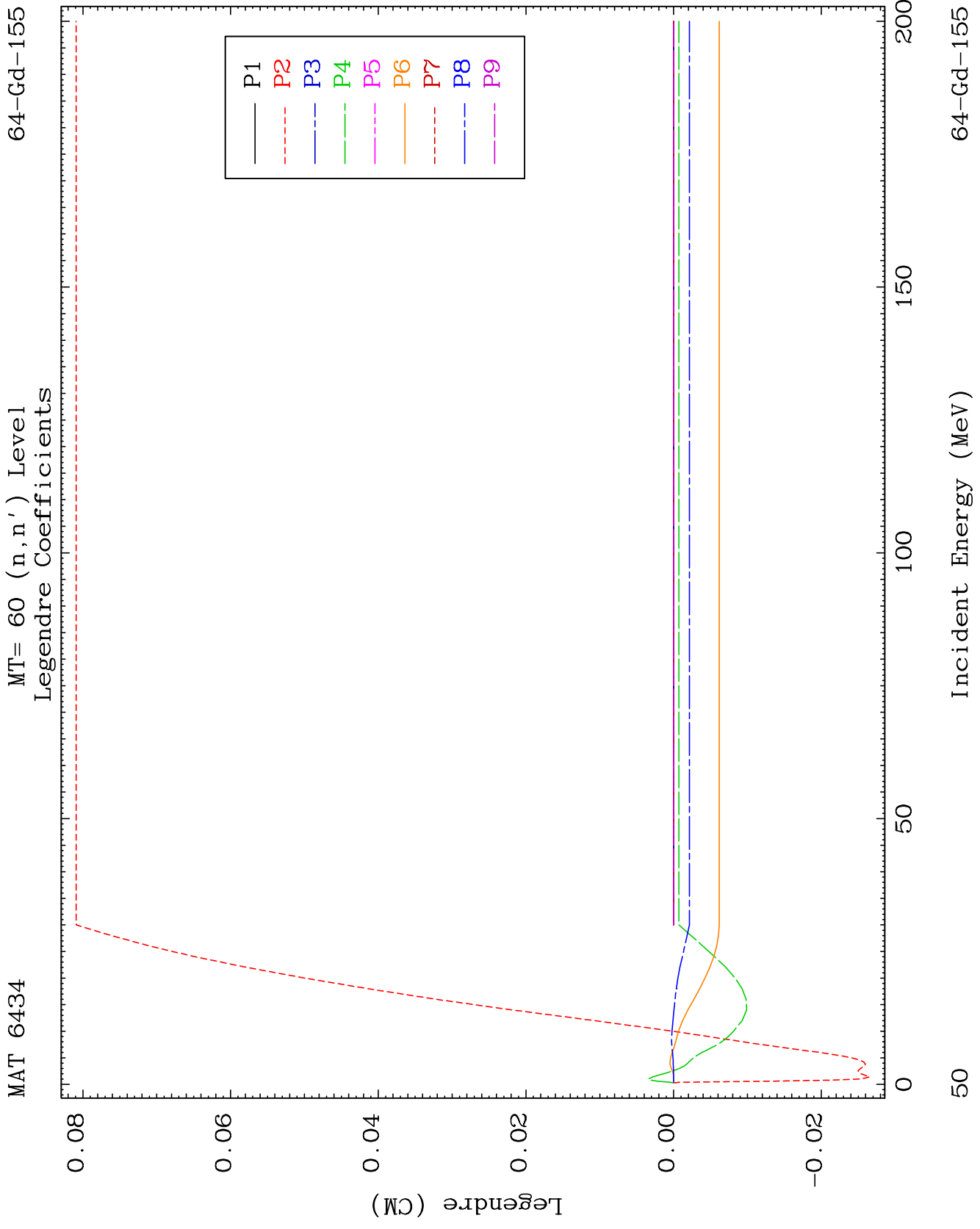


64-Gd-155

Incident Energy (MeV)

48

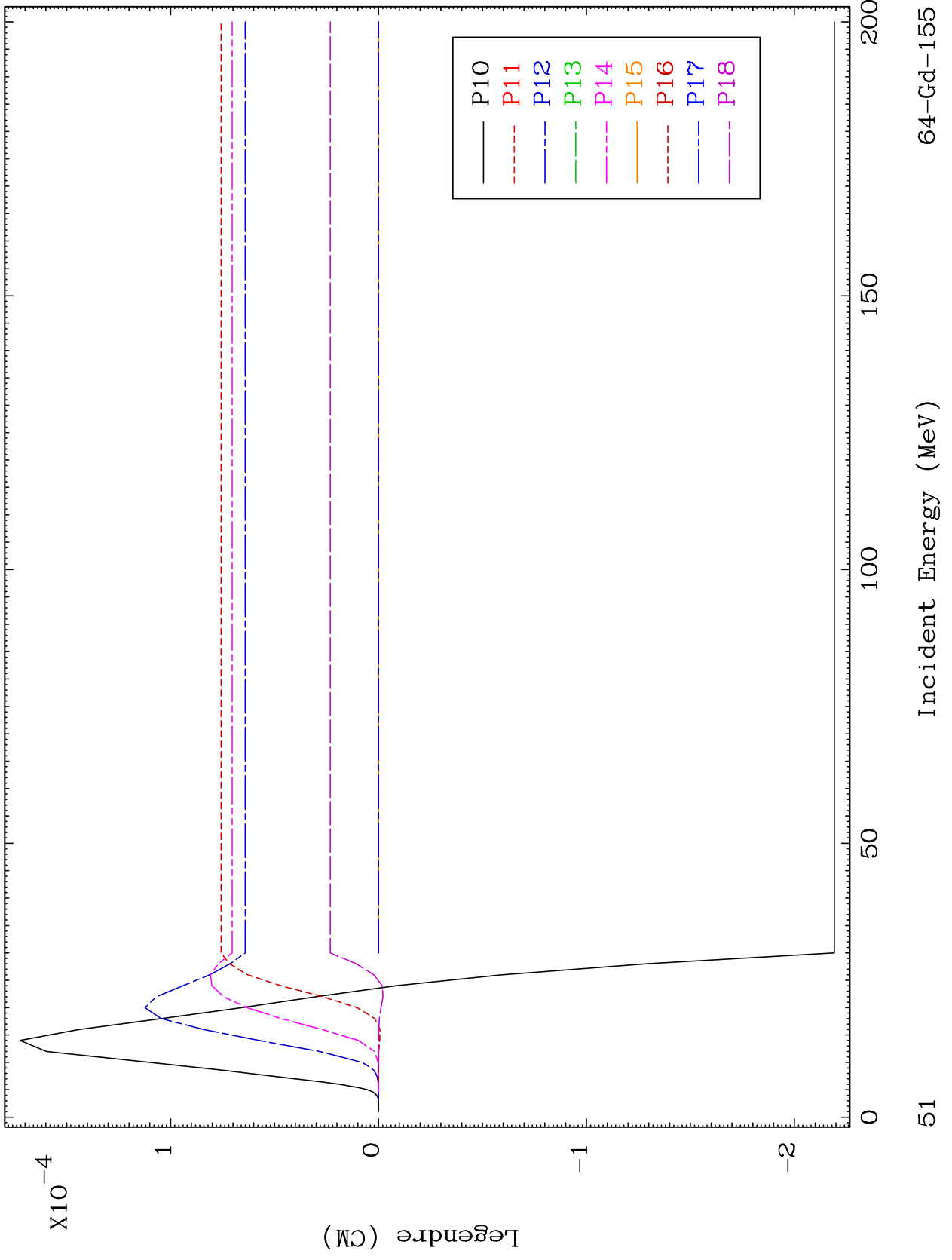




MAT 6434

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

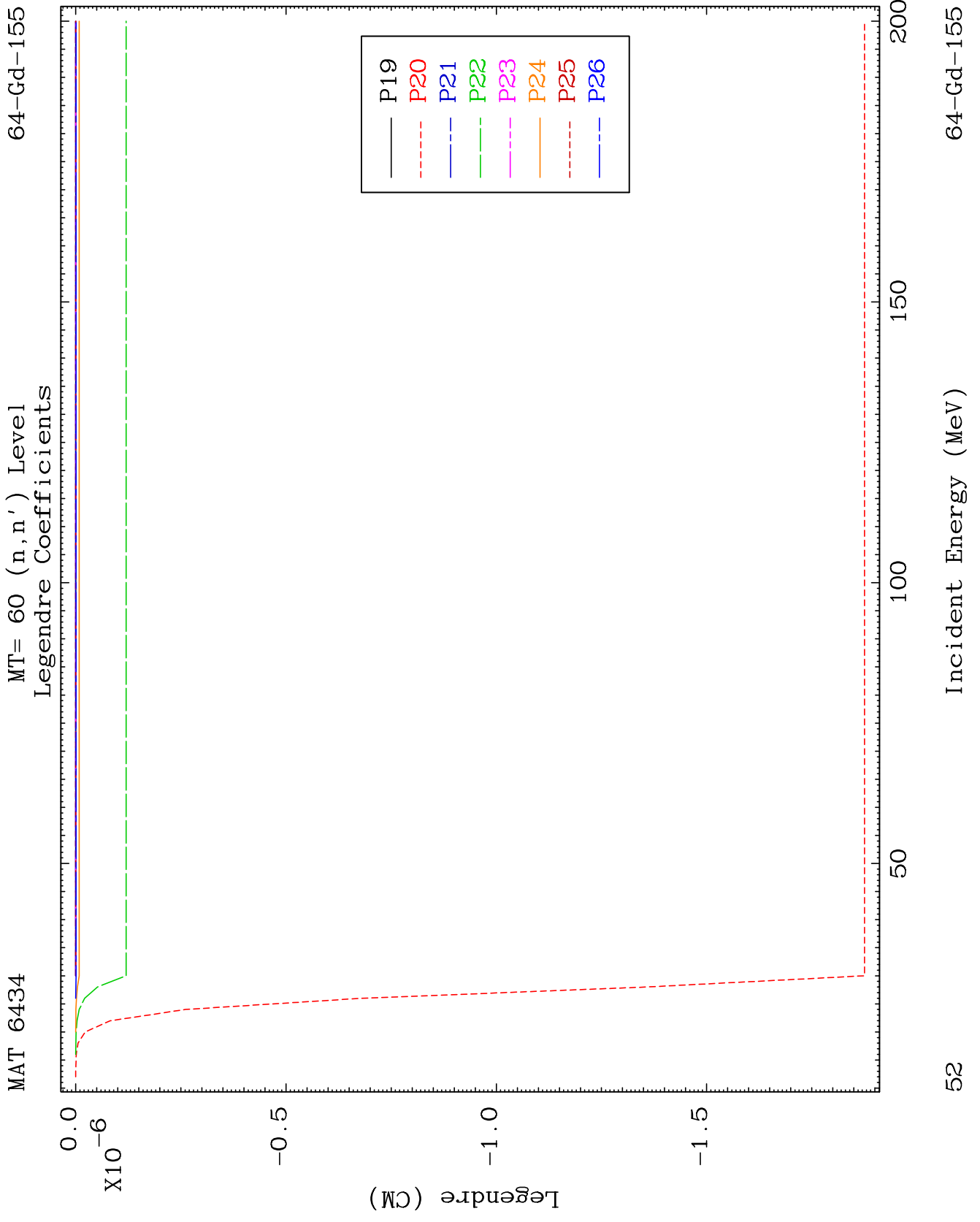
64-Gd-155



51

Incident Energy (MeV)

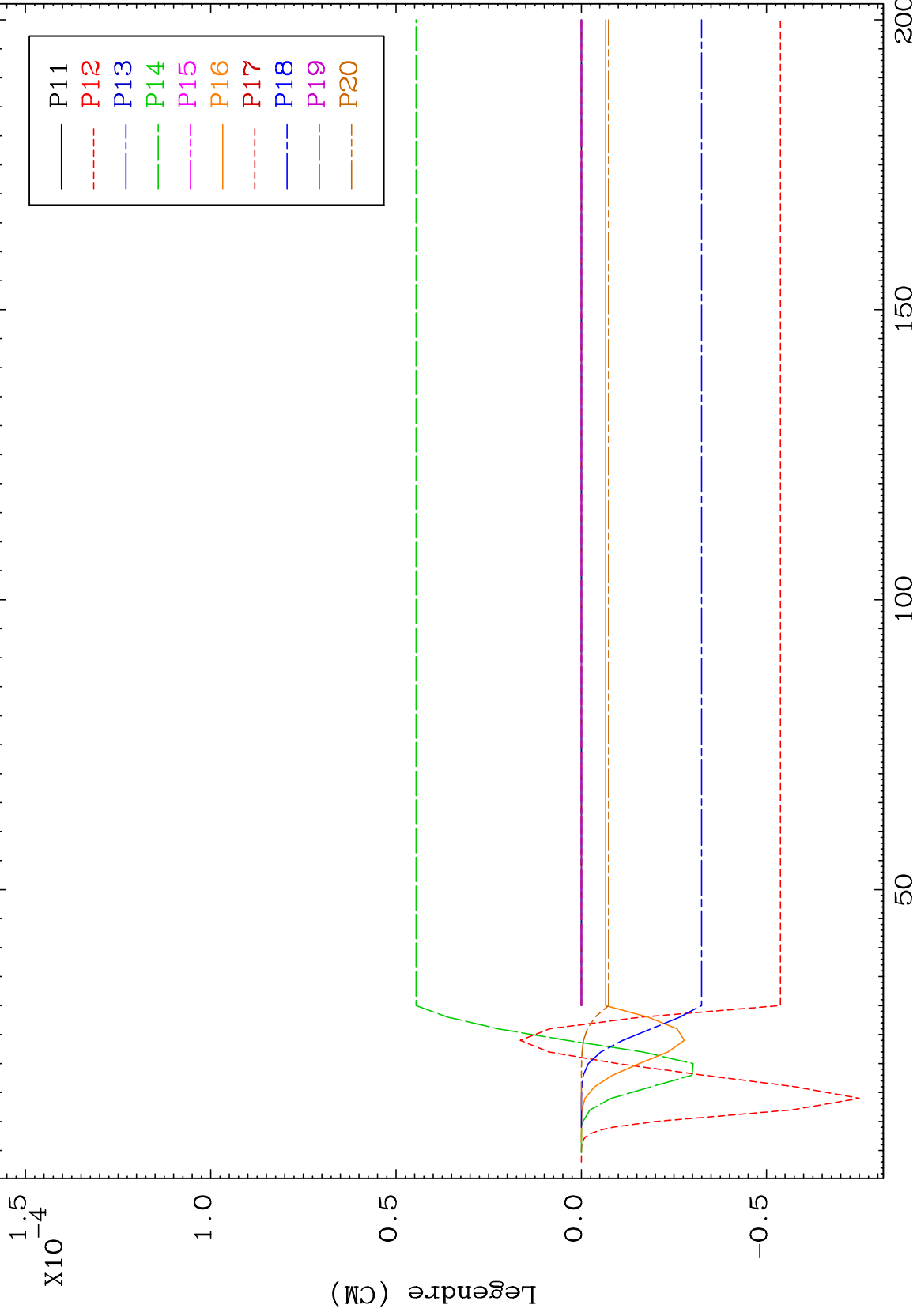
64-Gd-155



MAT 6434

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

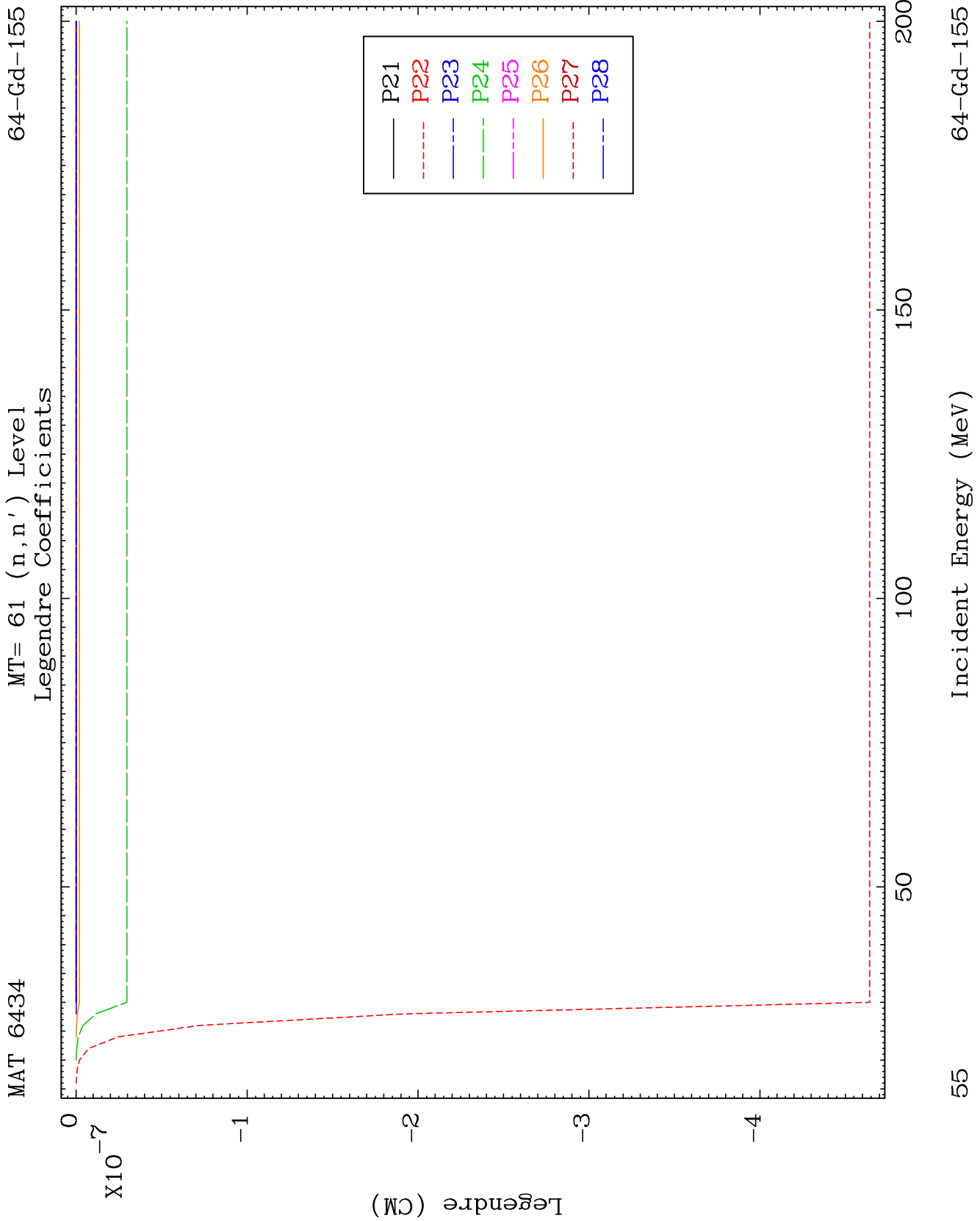
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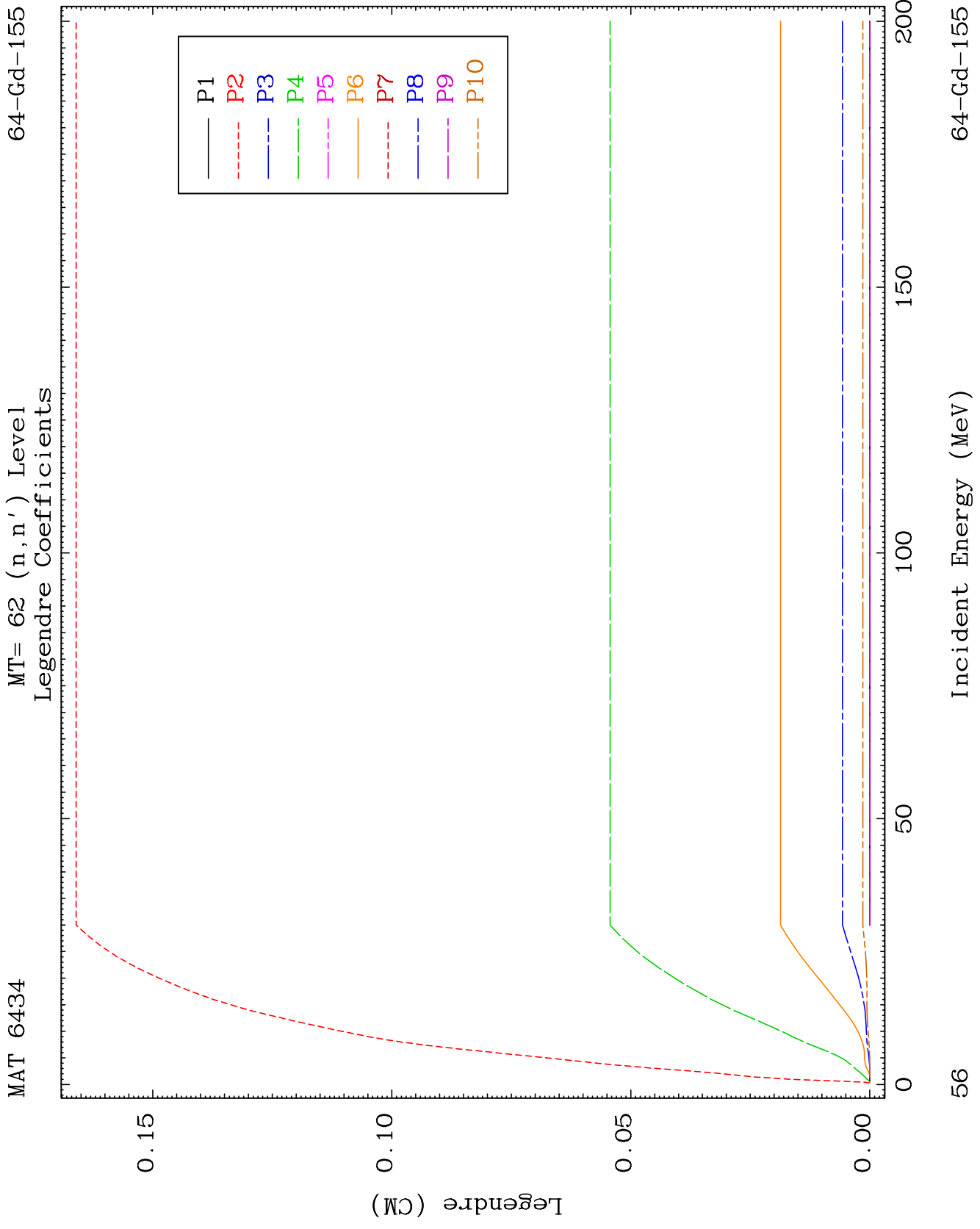


54

Incident Energy (MeV)

64-Gd-155

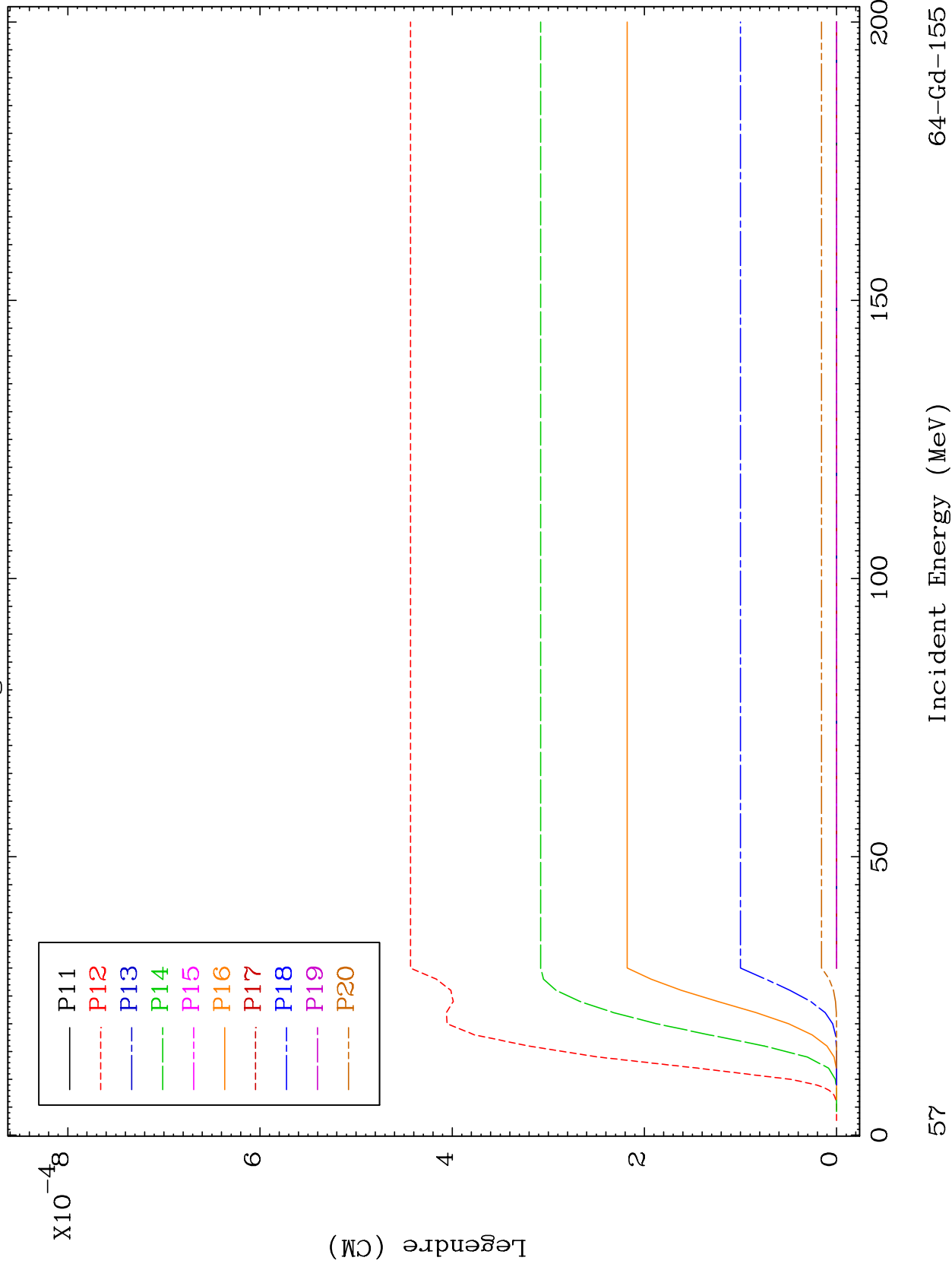


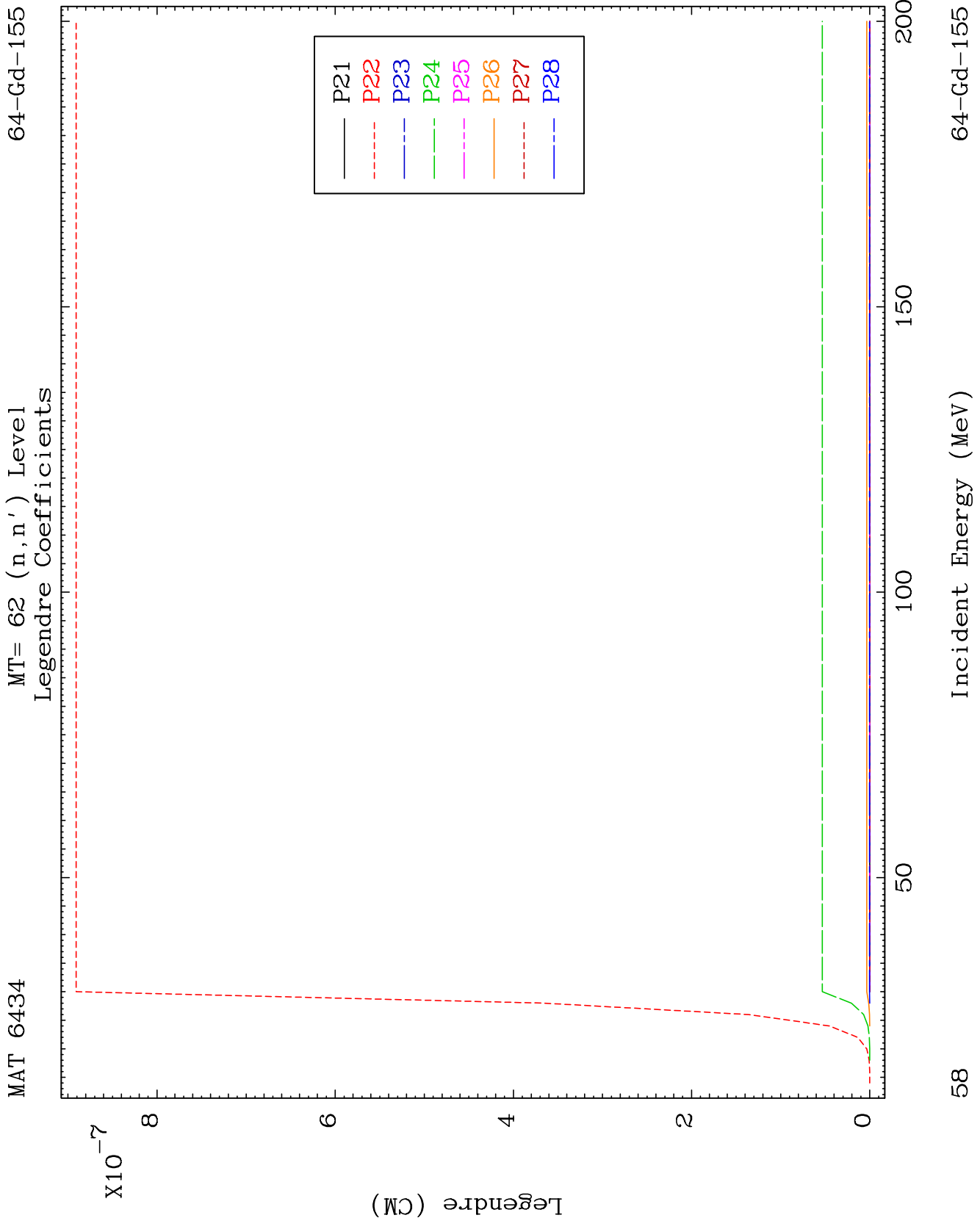


MAT 6434

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

64-Gd-155

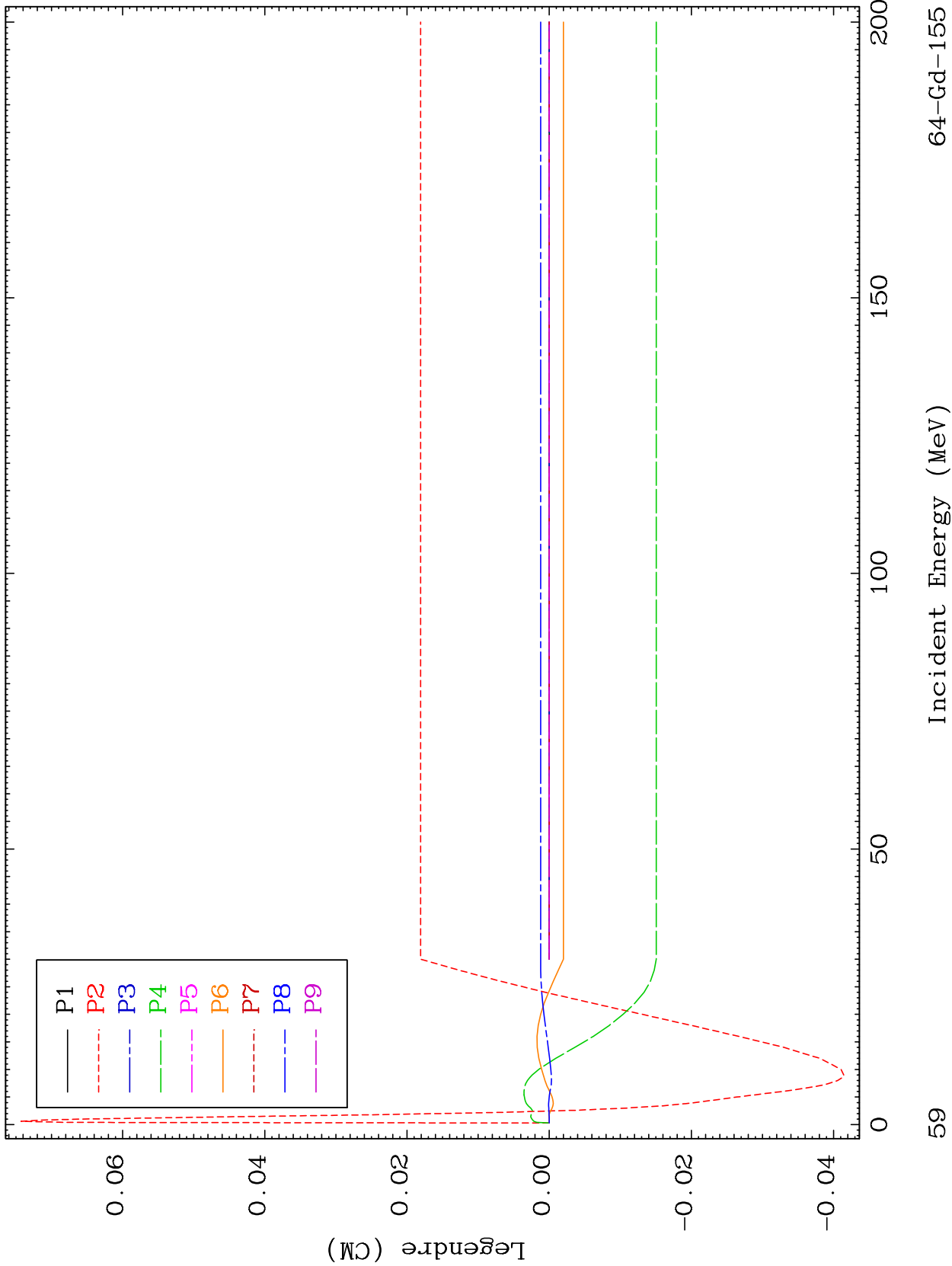




MAT 6434

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

64-Gd-155



64-Gd-155

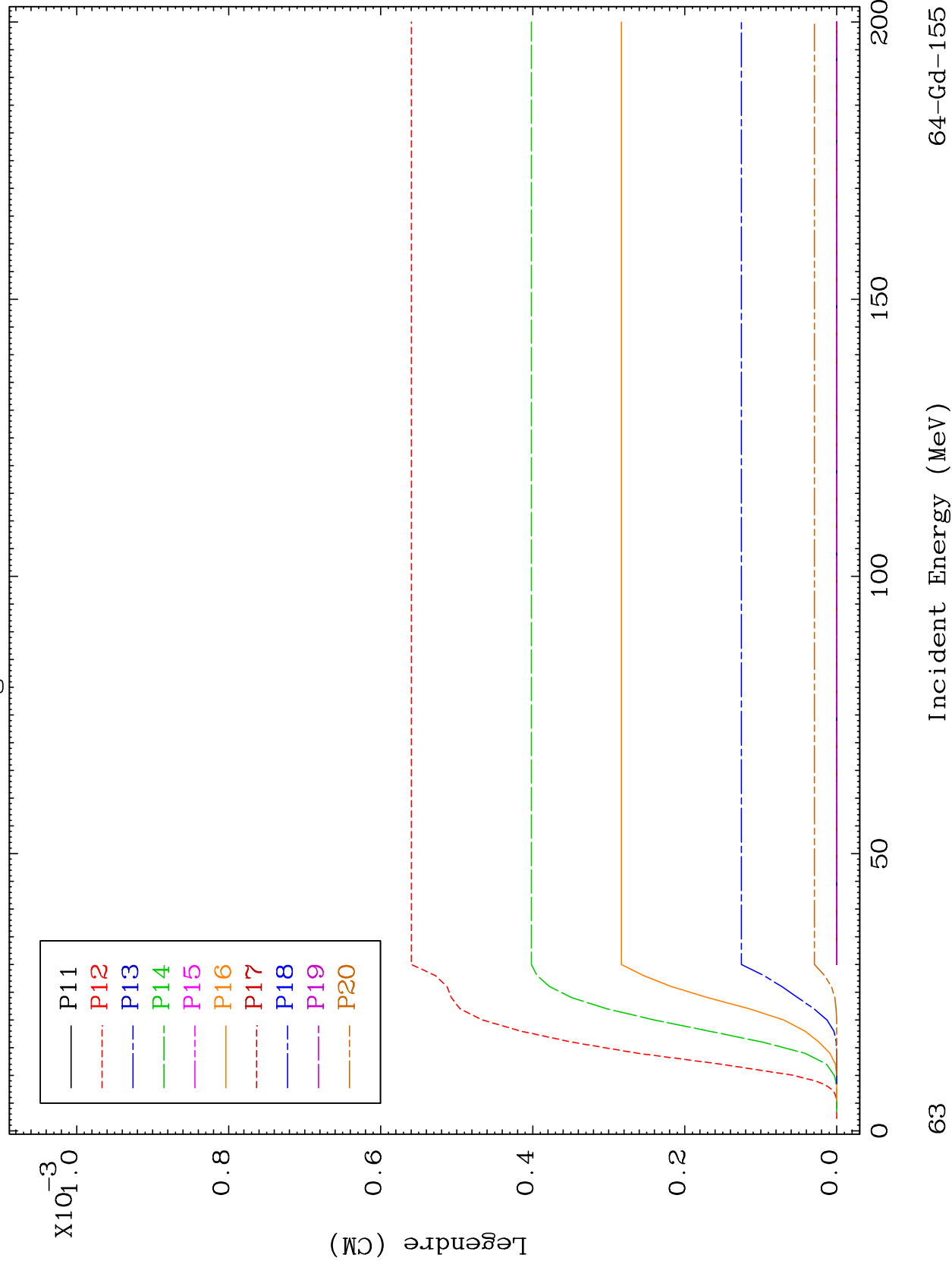
Incident Energy (MeV)

59

MAT 6434

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

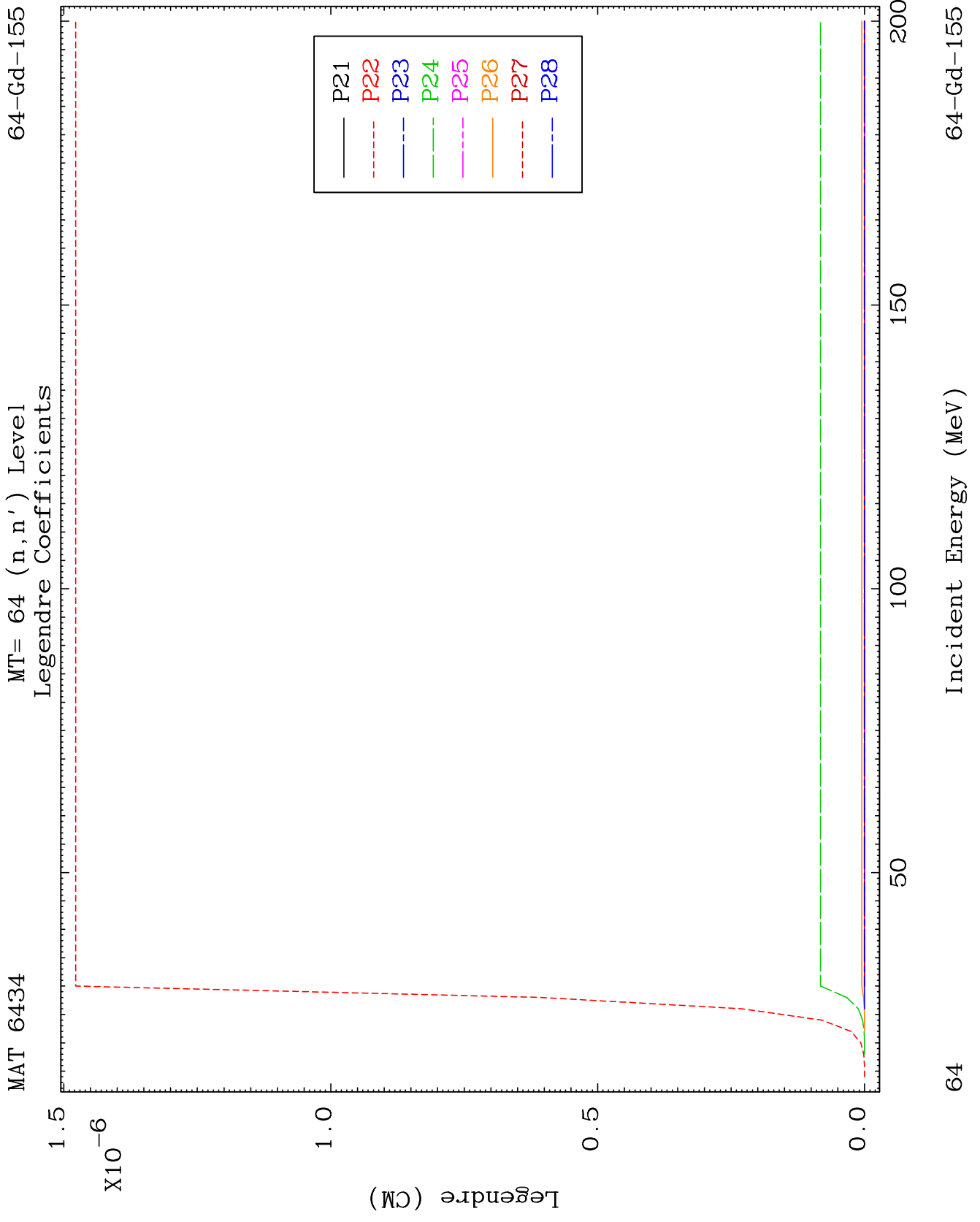
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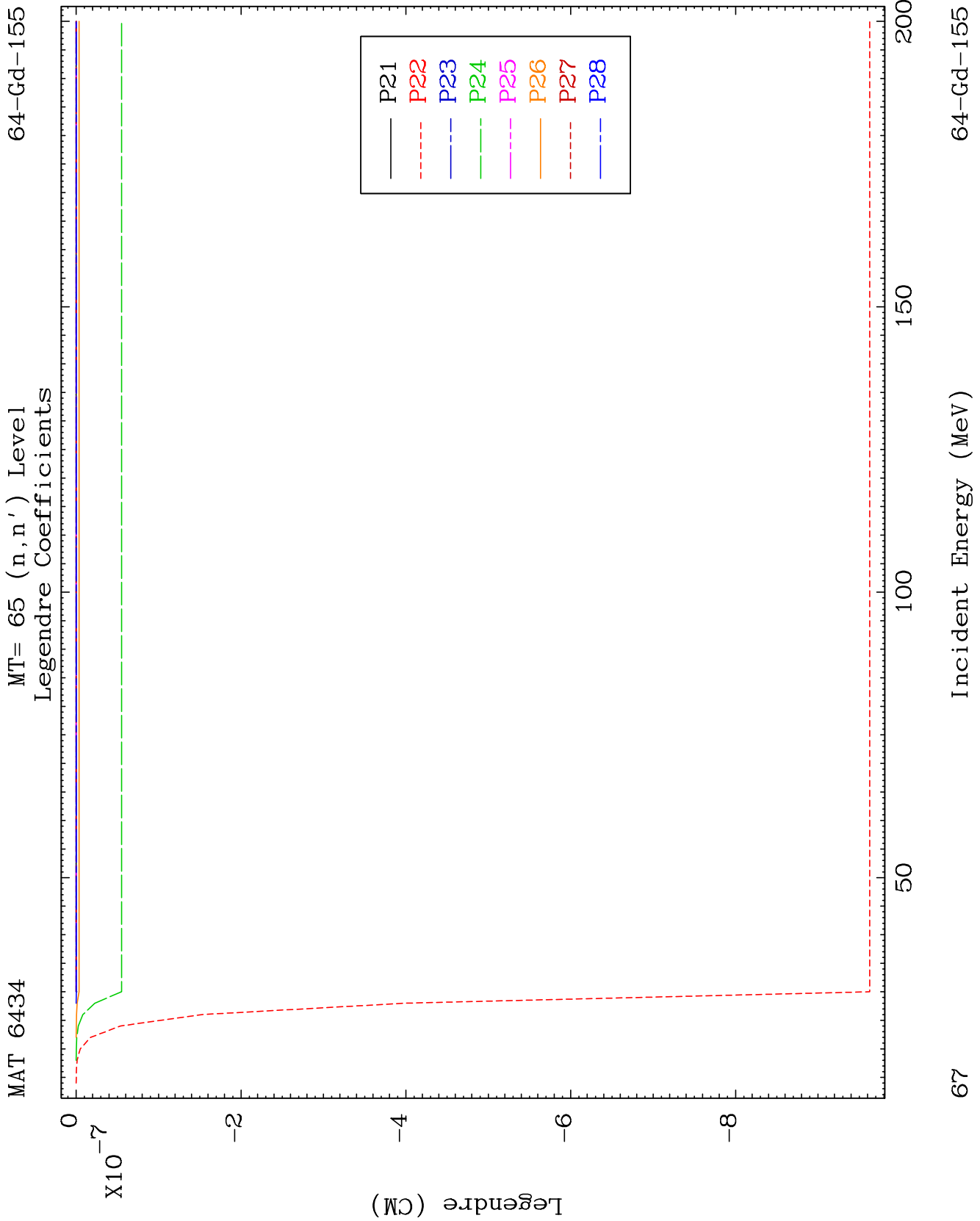


63

Incident Energy (MeV)

64-Gd-155

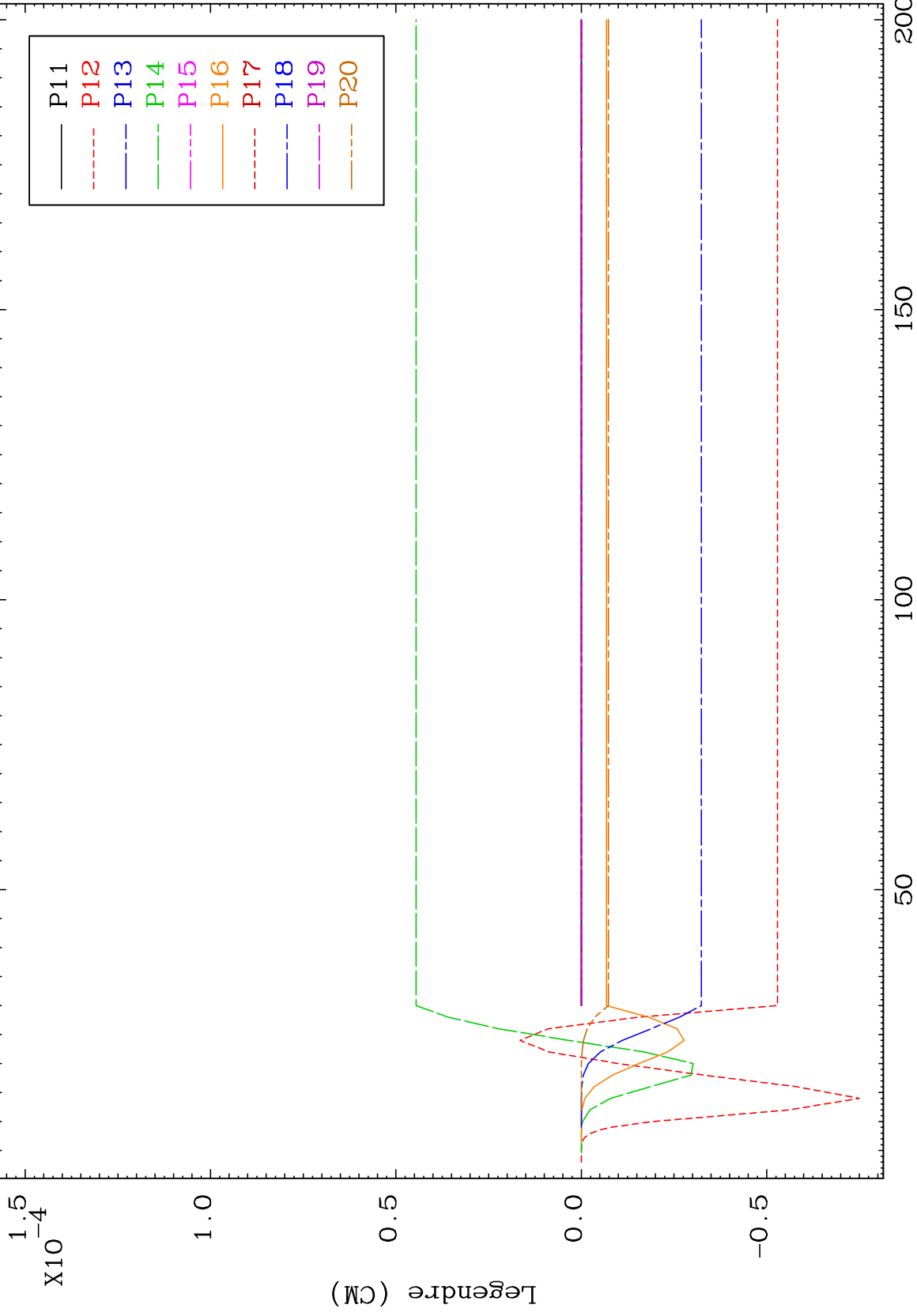




MAT 6434

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

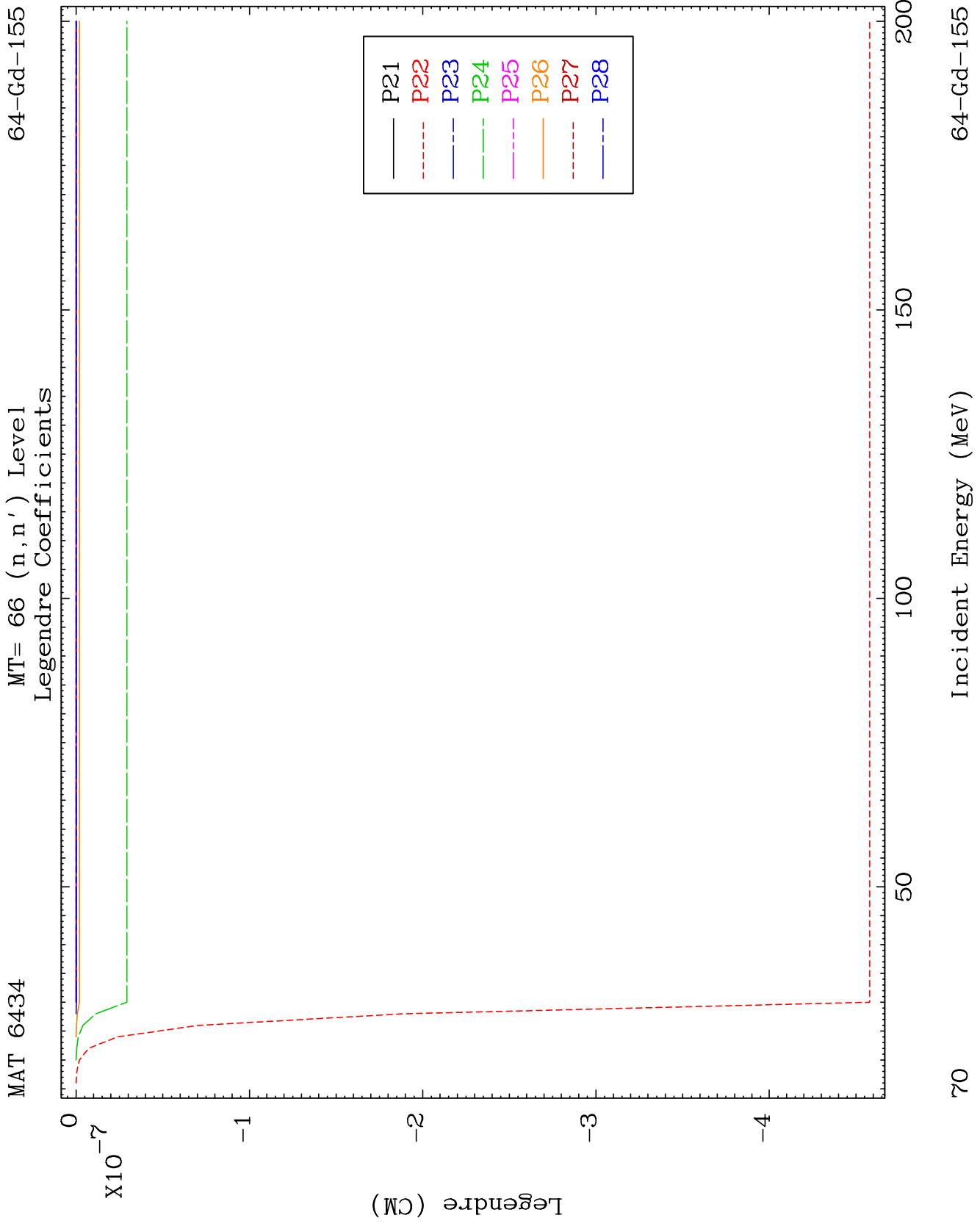
64-Gd-155



69

Incident Energy (MeV)

64-Gd-155

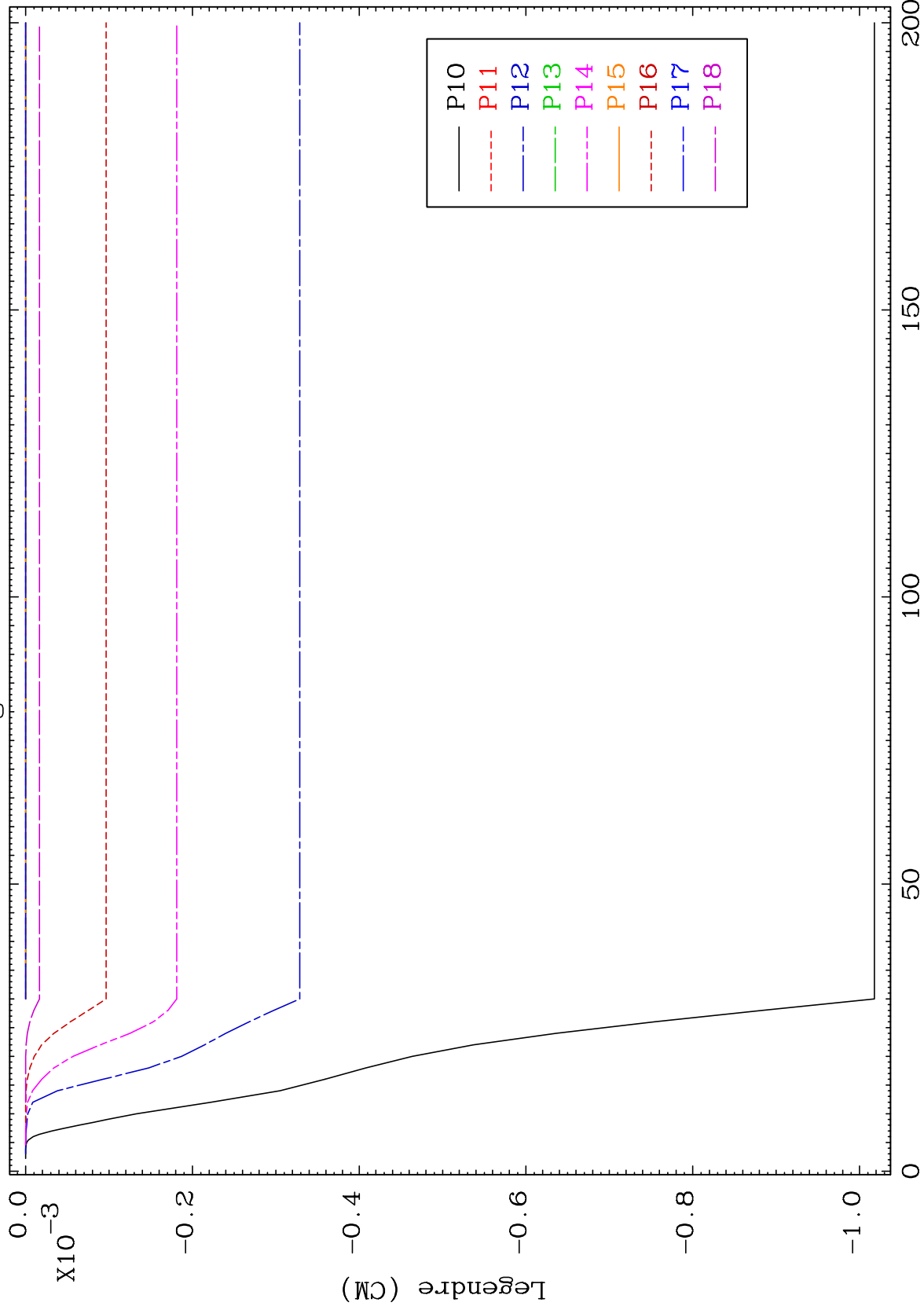


MAT 6434

MT= 67 (n,n') Level

64-Gd-155

Legendre Coefficients



64-Gd-155

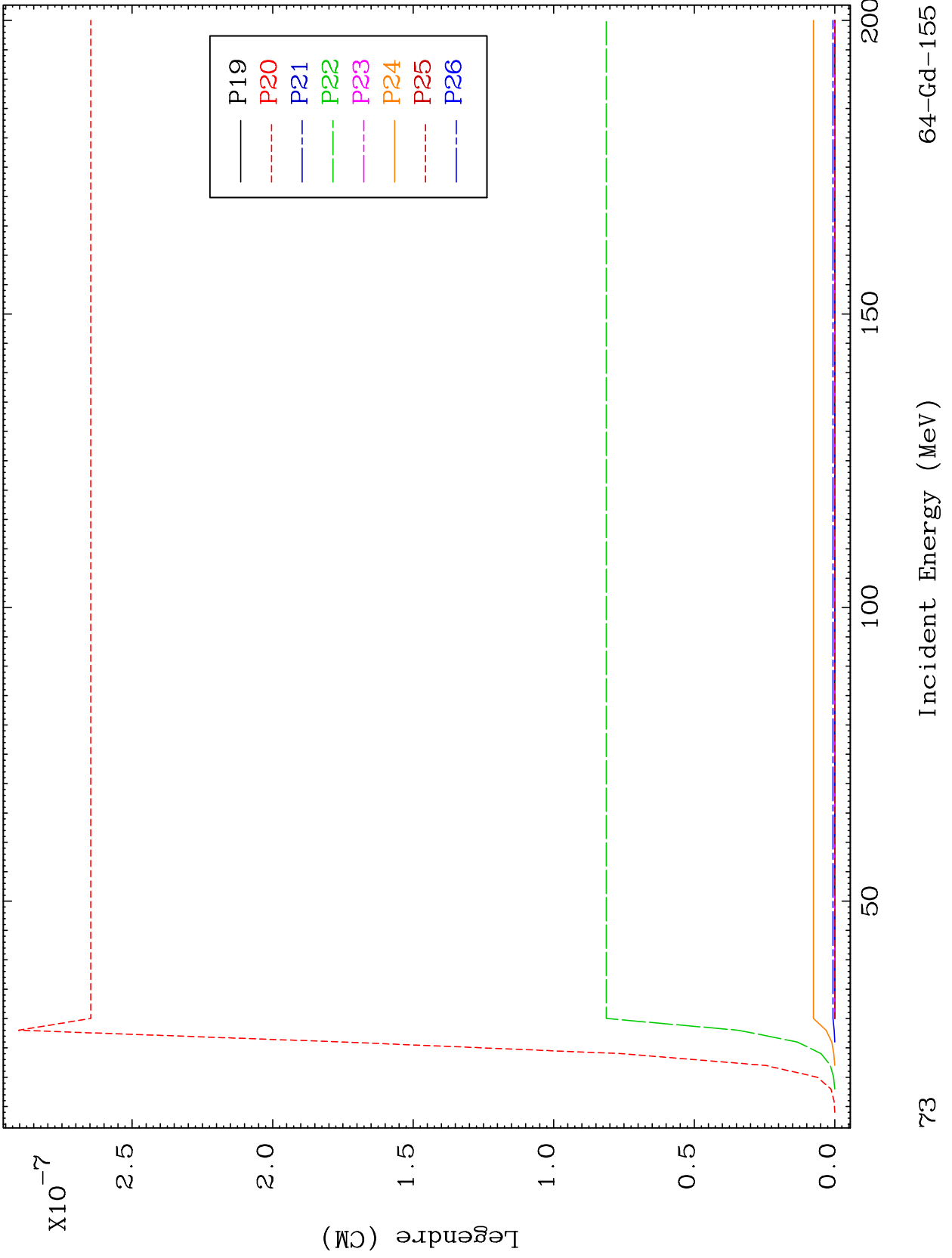
Incident Energy (MeV)

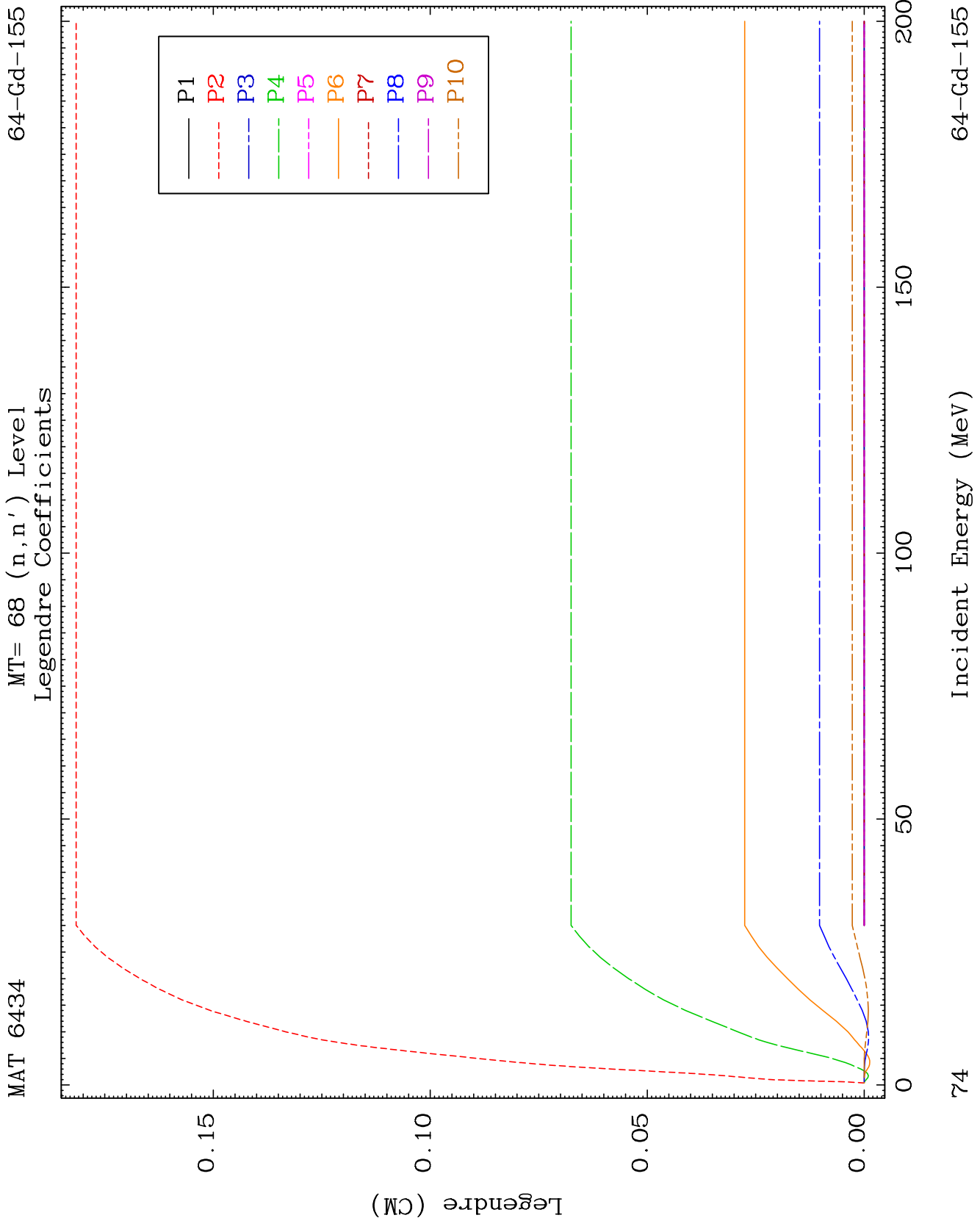
72

MAT 6434

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

64-Gd-155

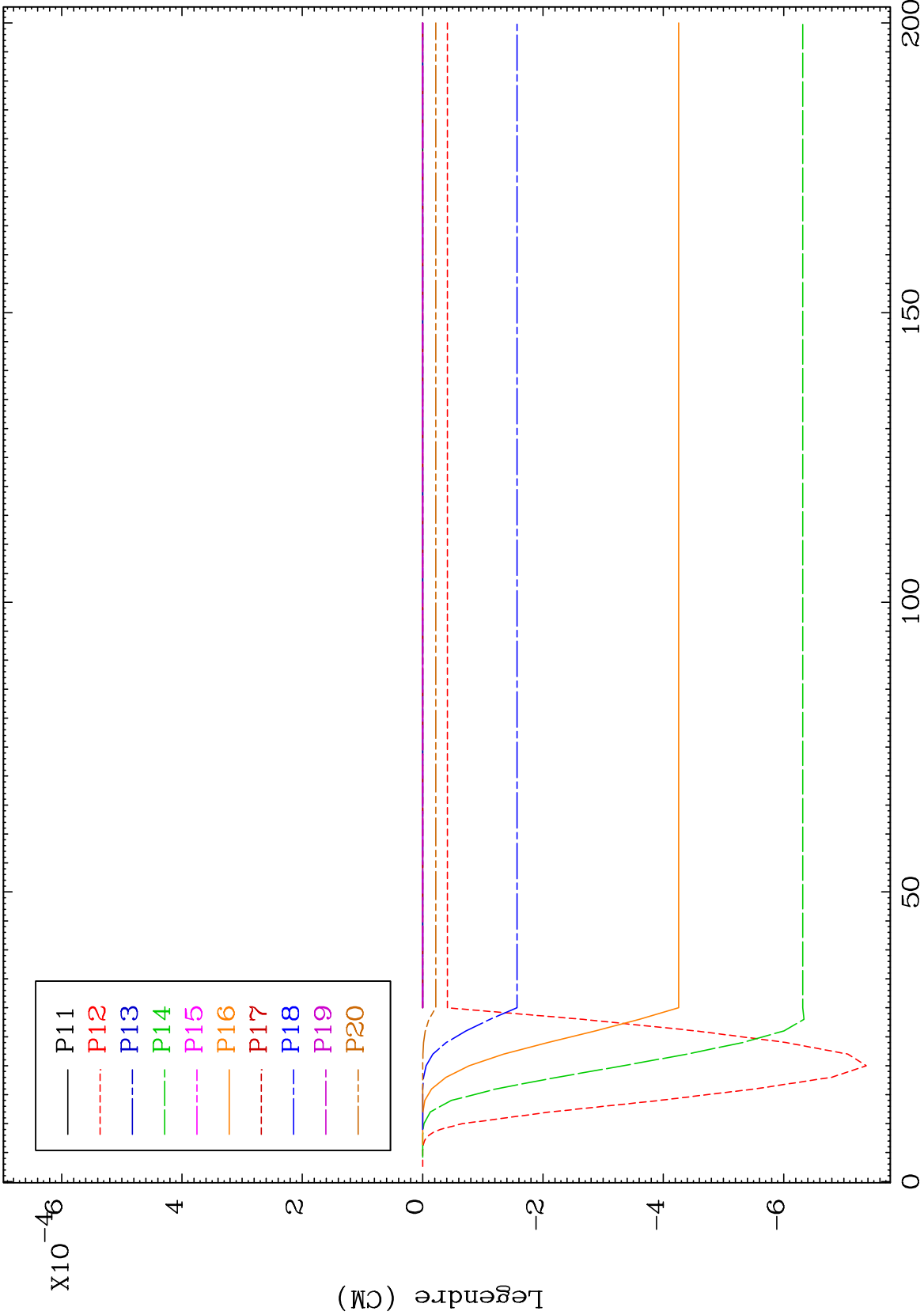
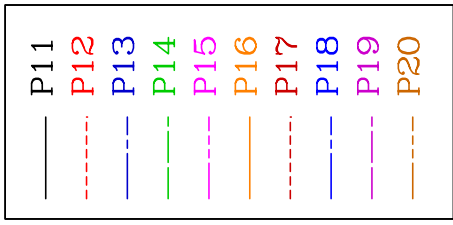




MAT 6434

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

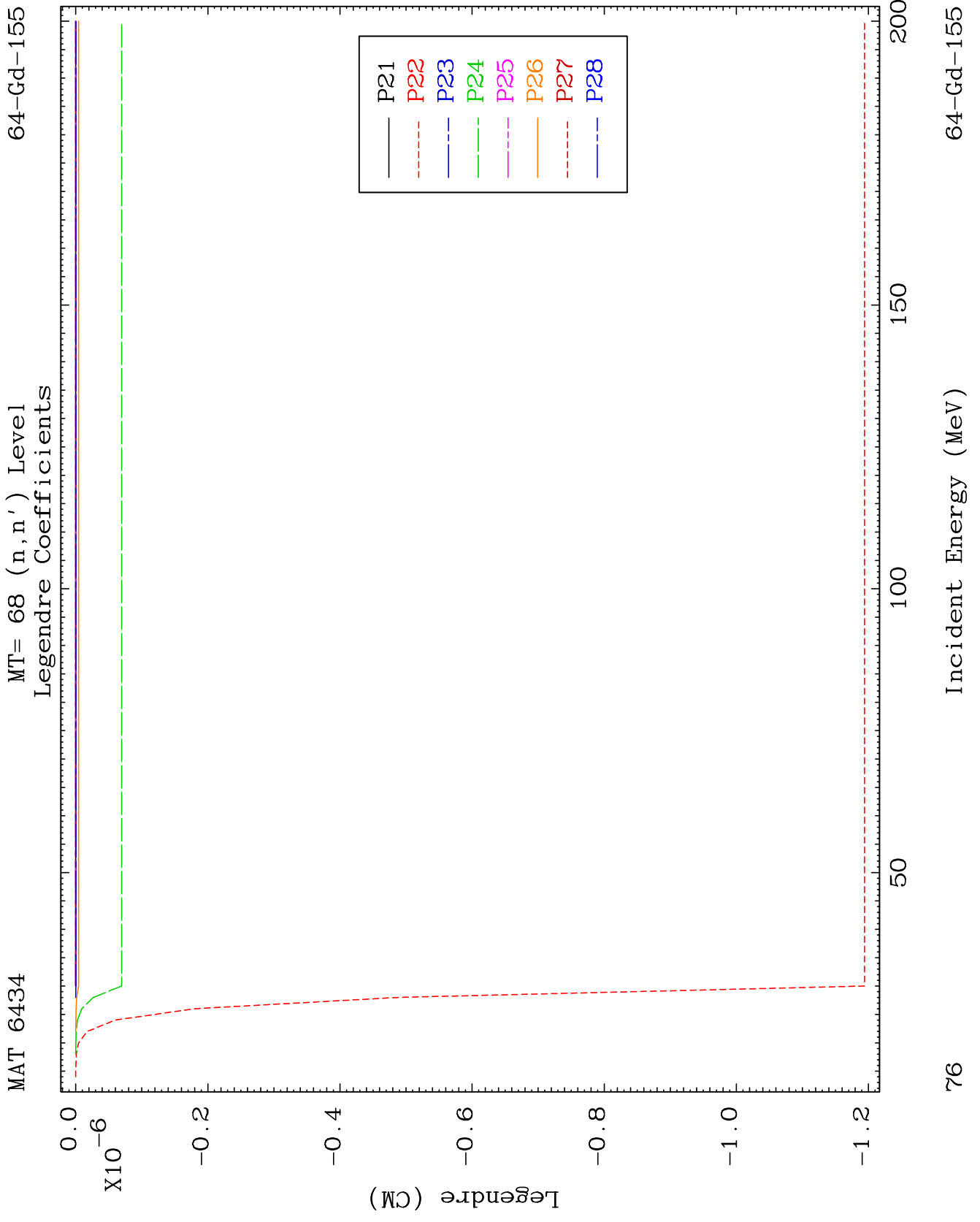
64-Gd-155



75

Incident Energy (MeV)

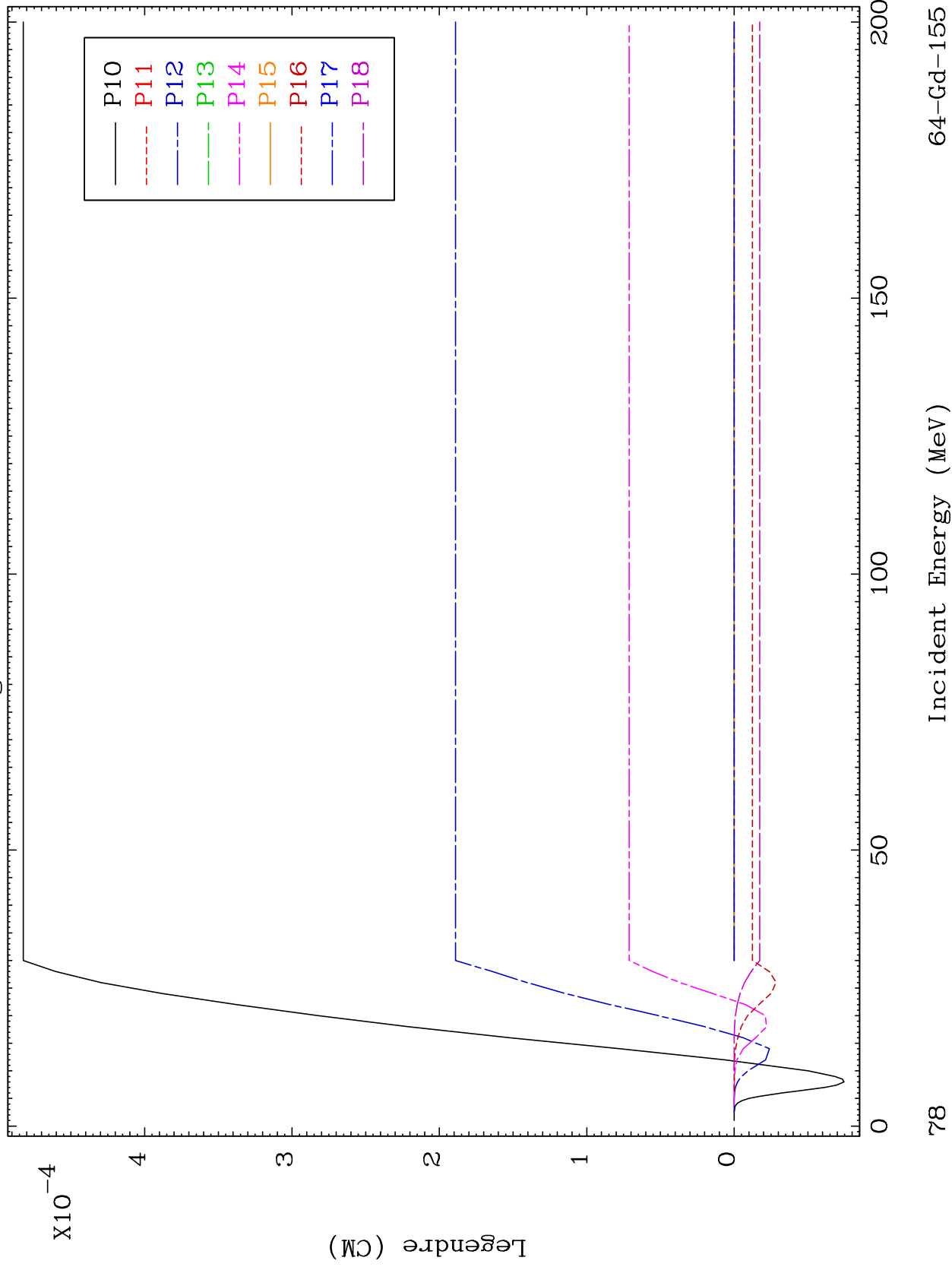
64-Gd-155



MAT 6434

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

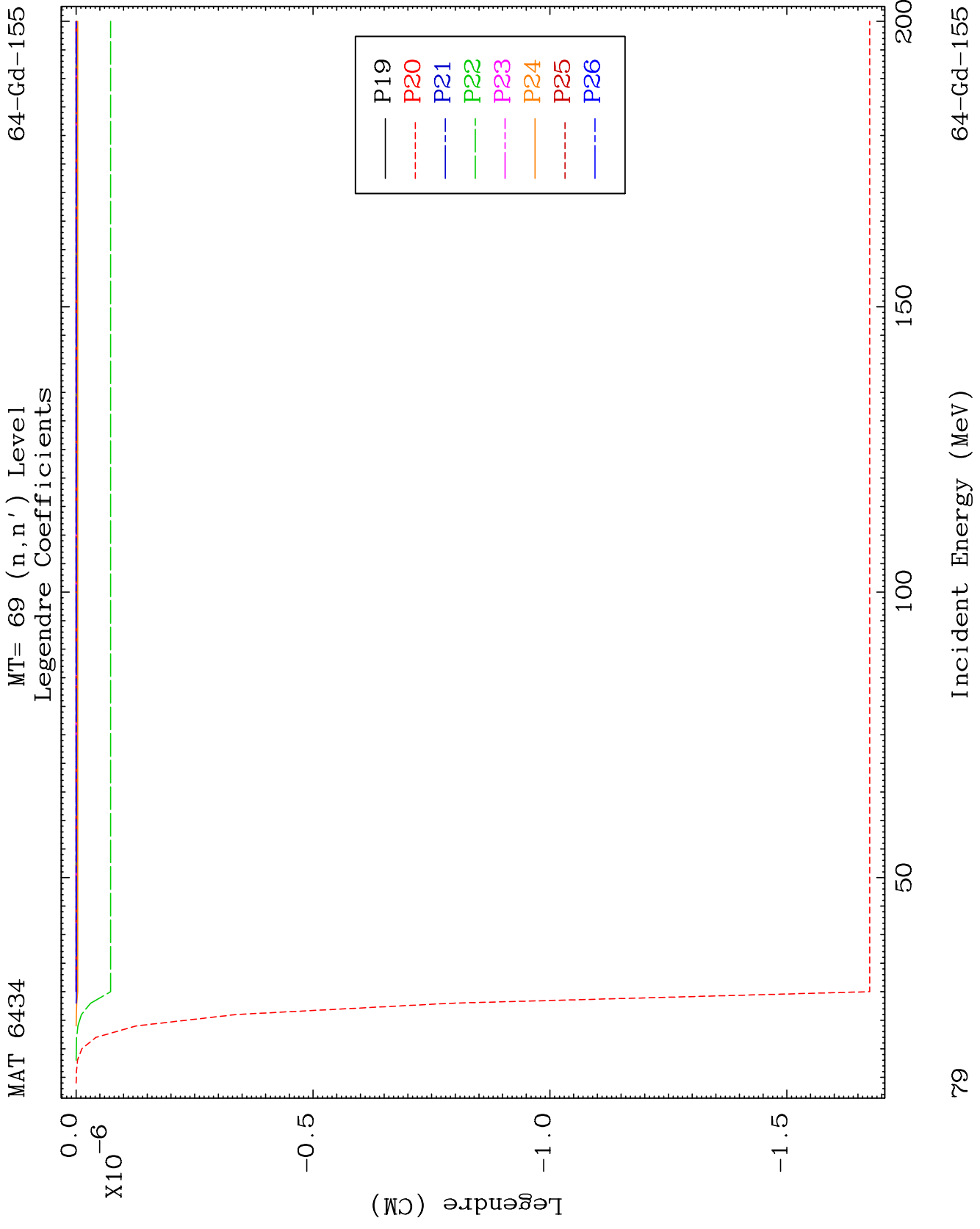
64-Gd-155

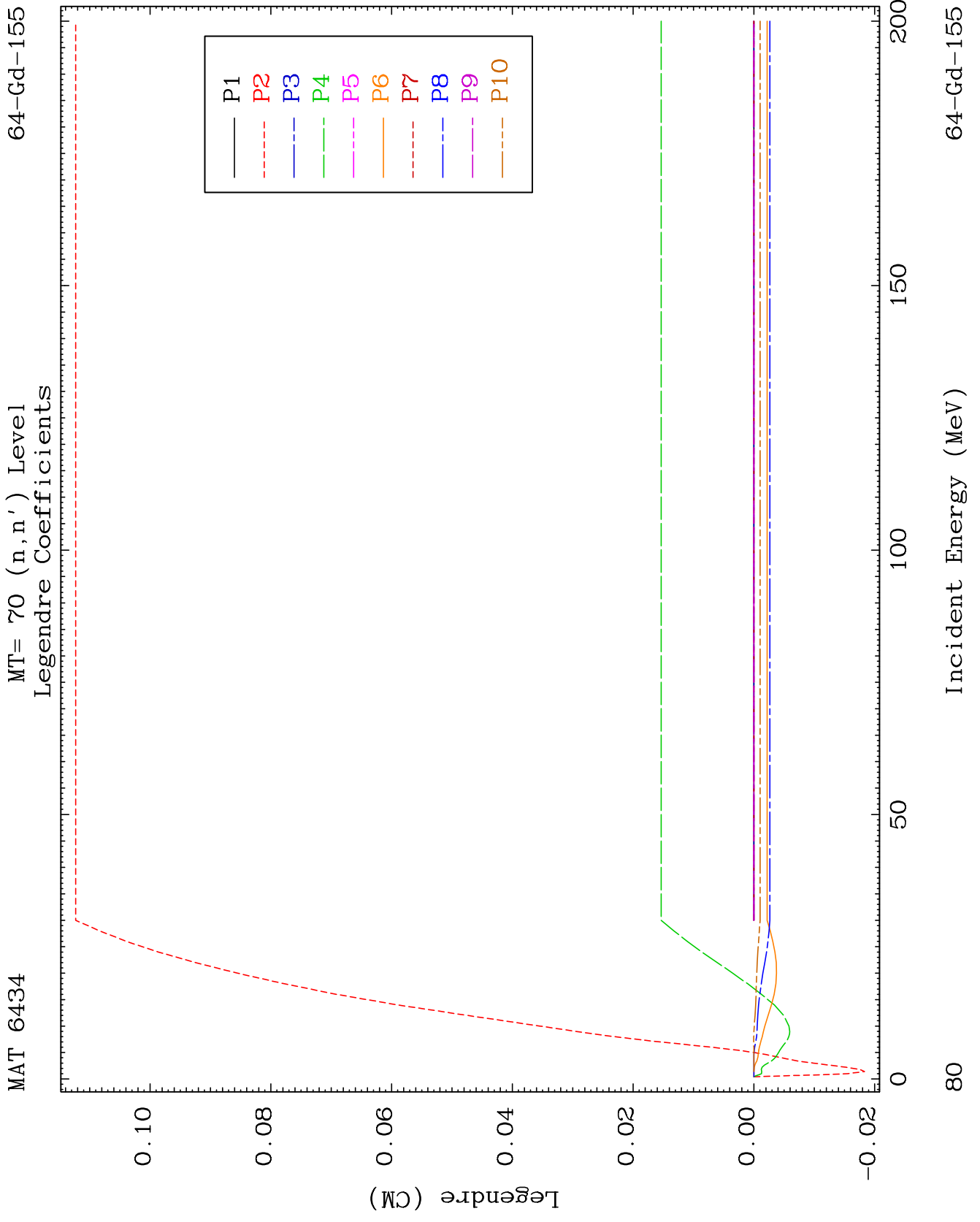


64-Gd-155

Incident Energy (MeV)

78



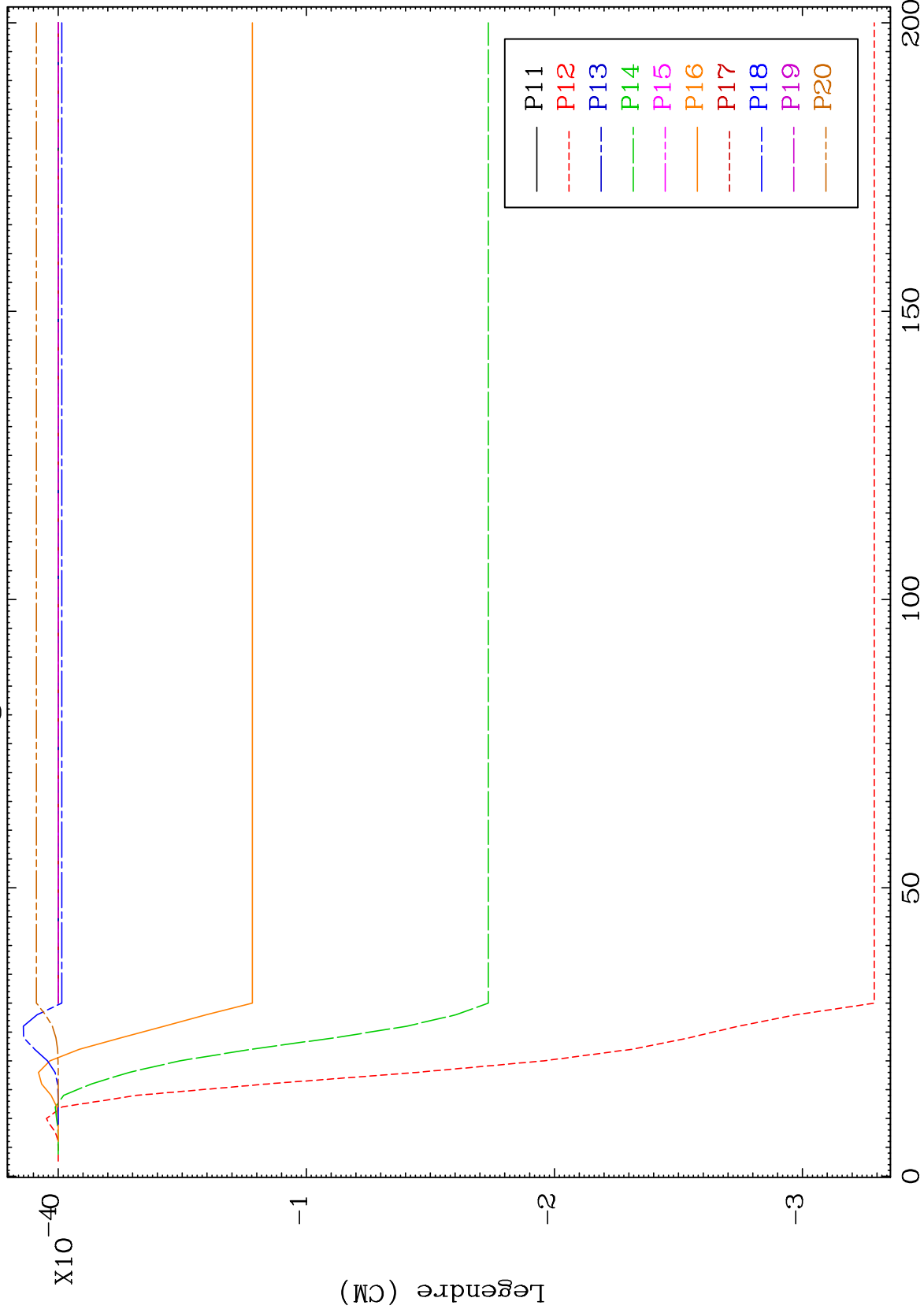


MAT 6434

MT= 70 (n,n') Level

64-Gd-155

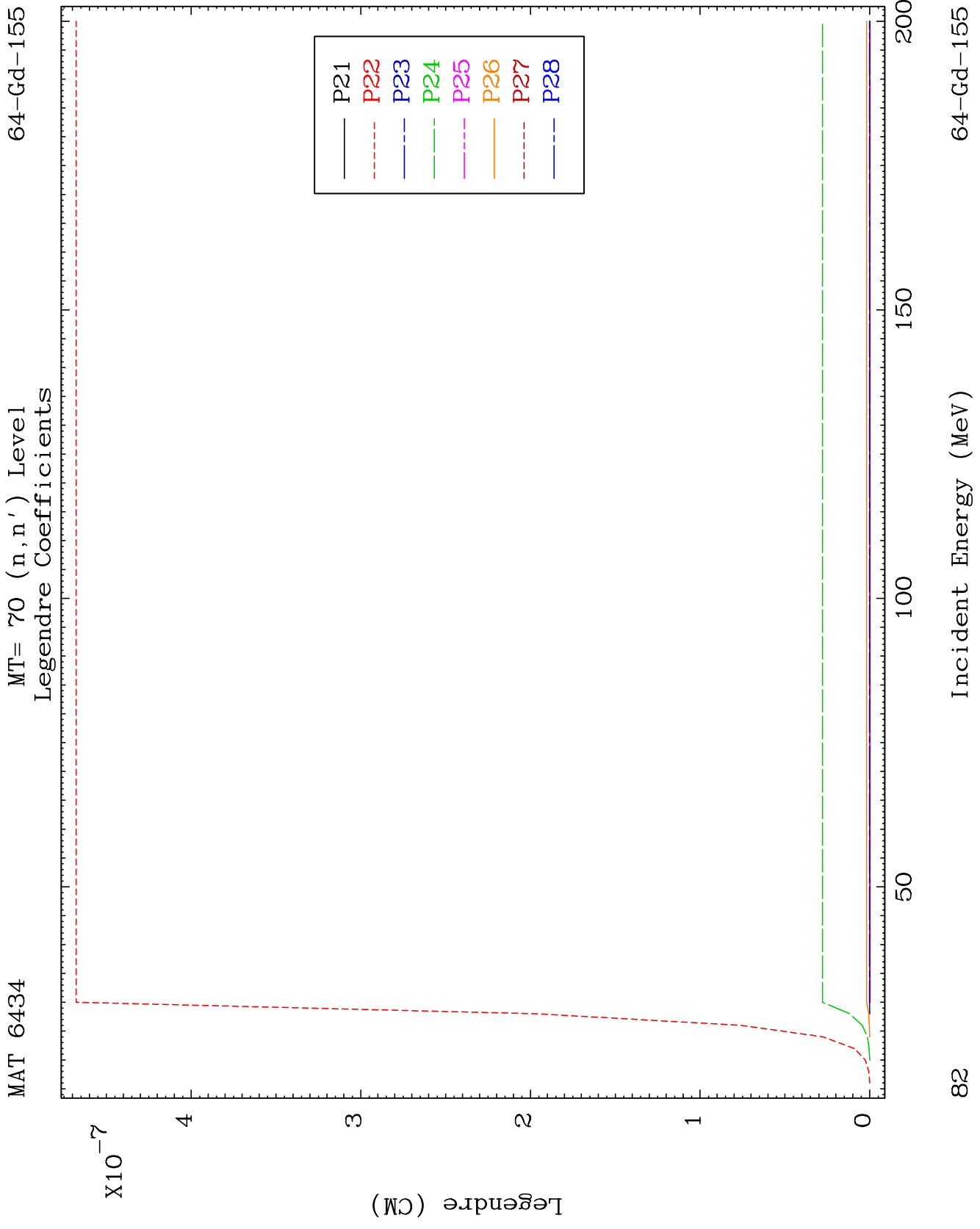
Legendre Coefficients

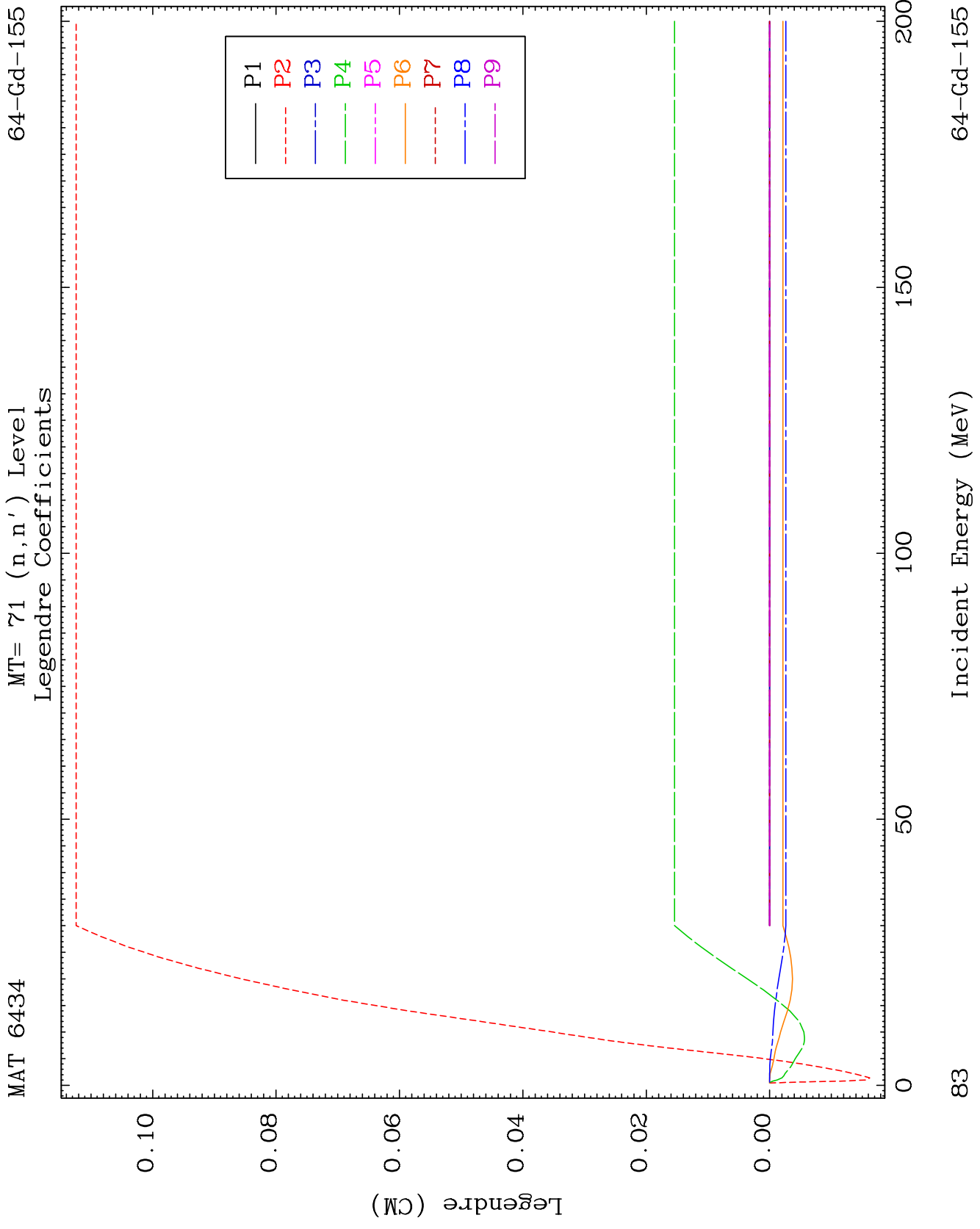


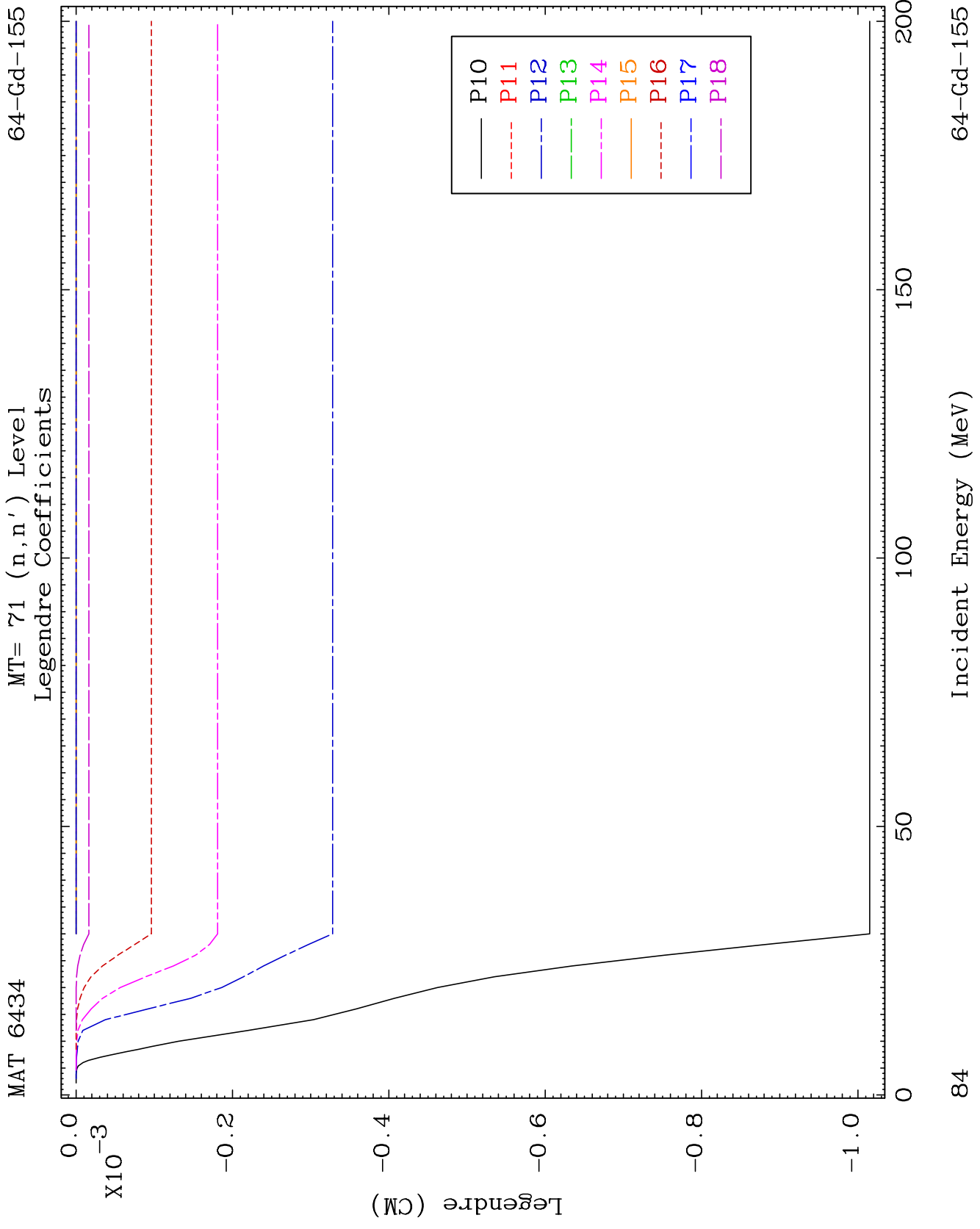
81

Incident Energy (MeV)

64-Gd-155



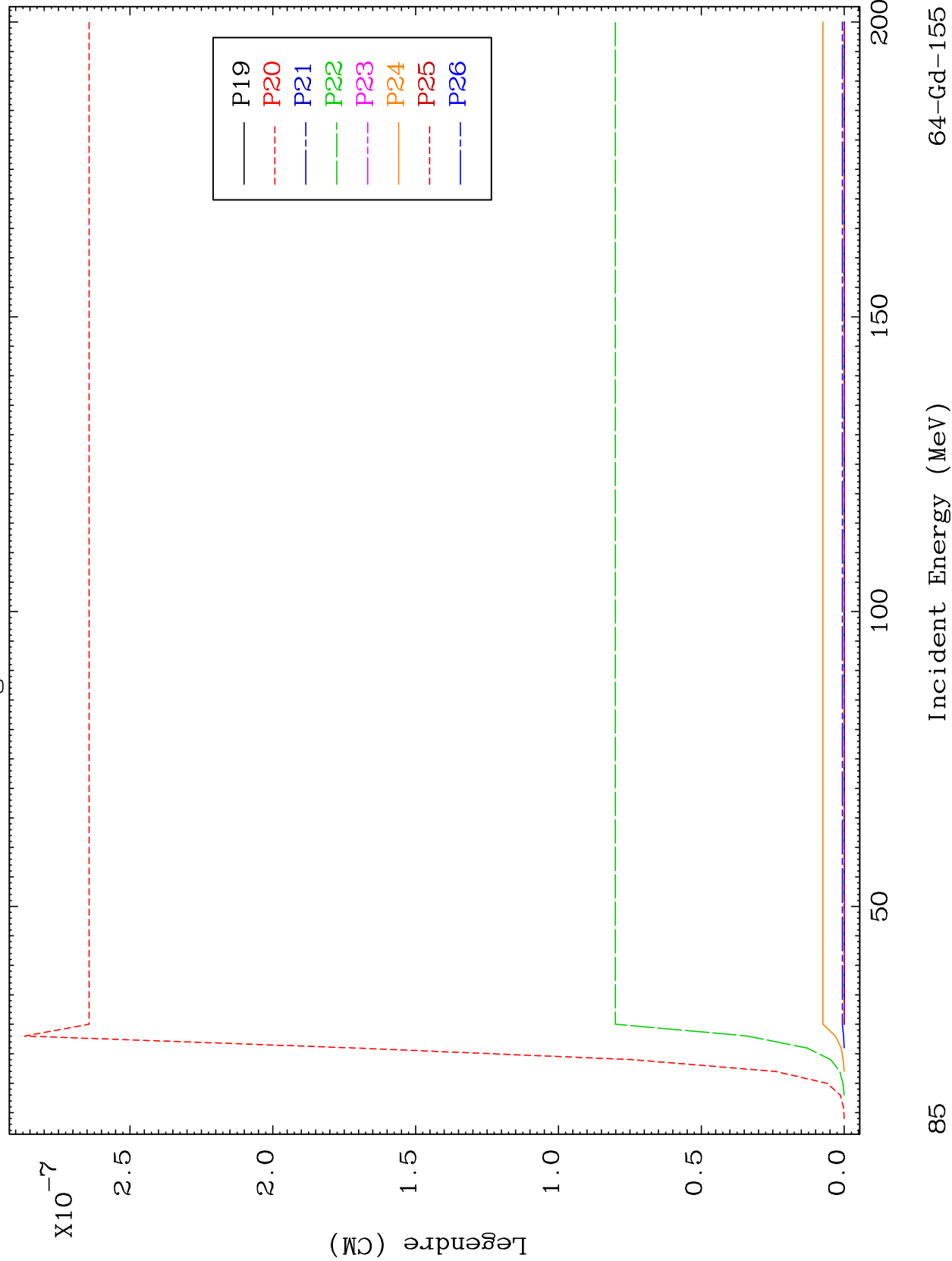




MAT 6434

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

64-Gd-155



85

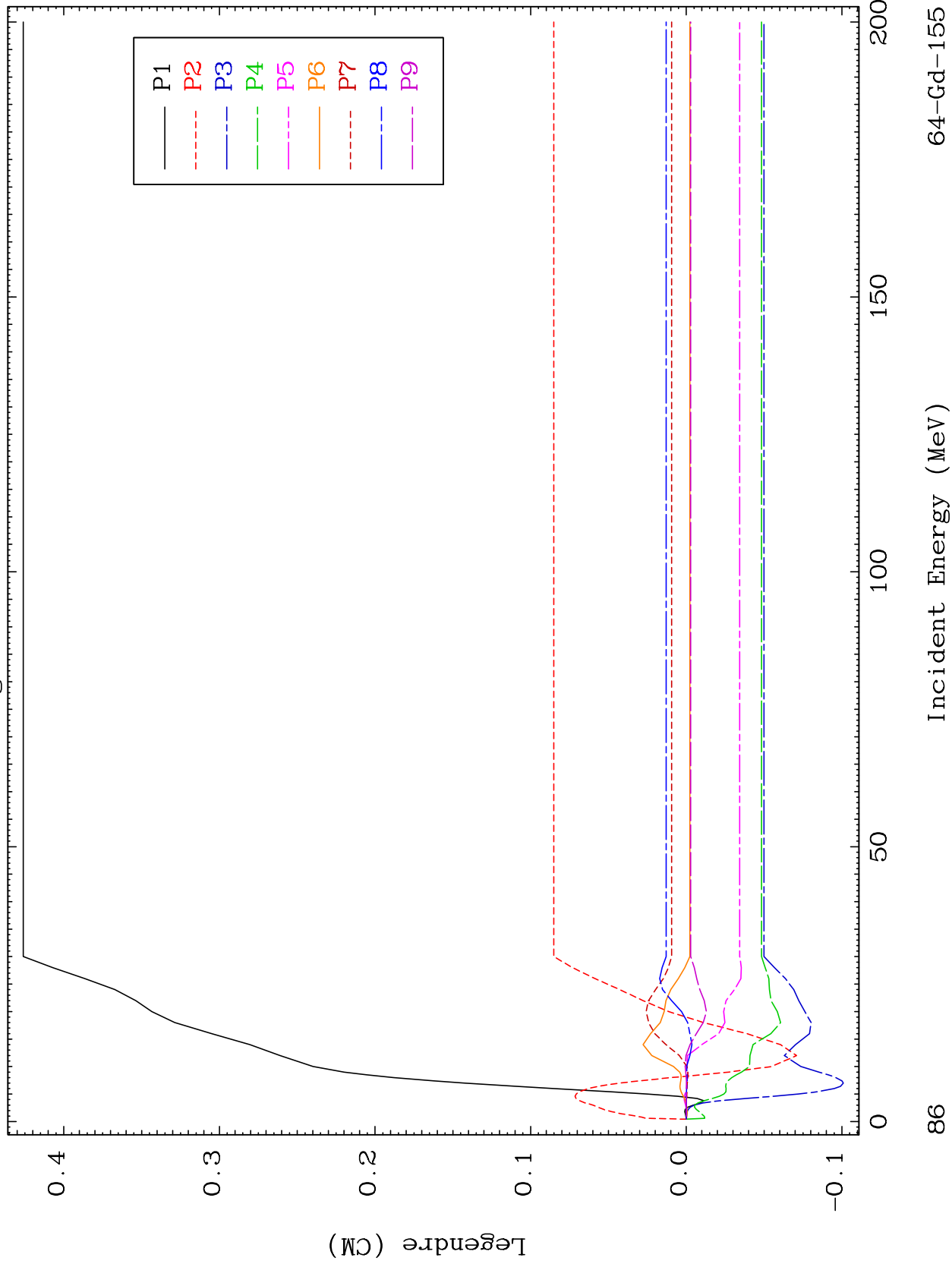
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

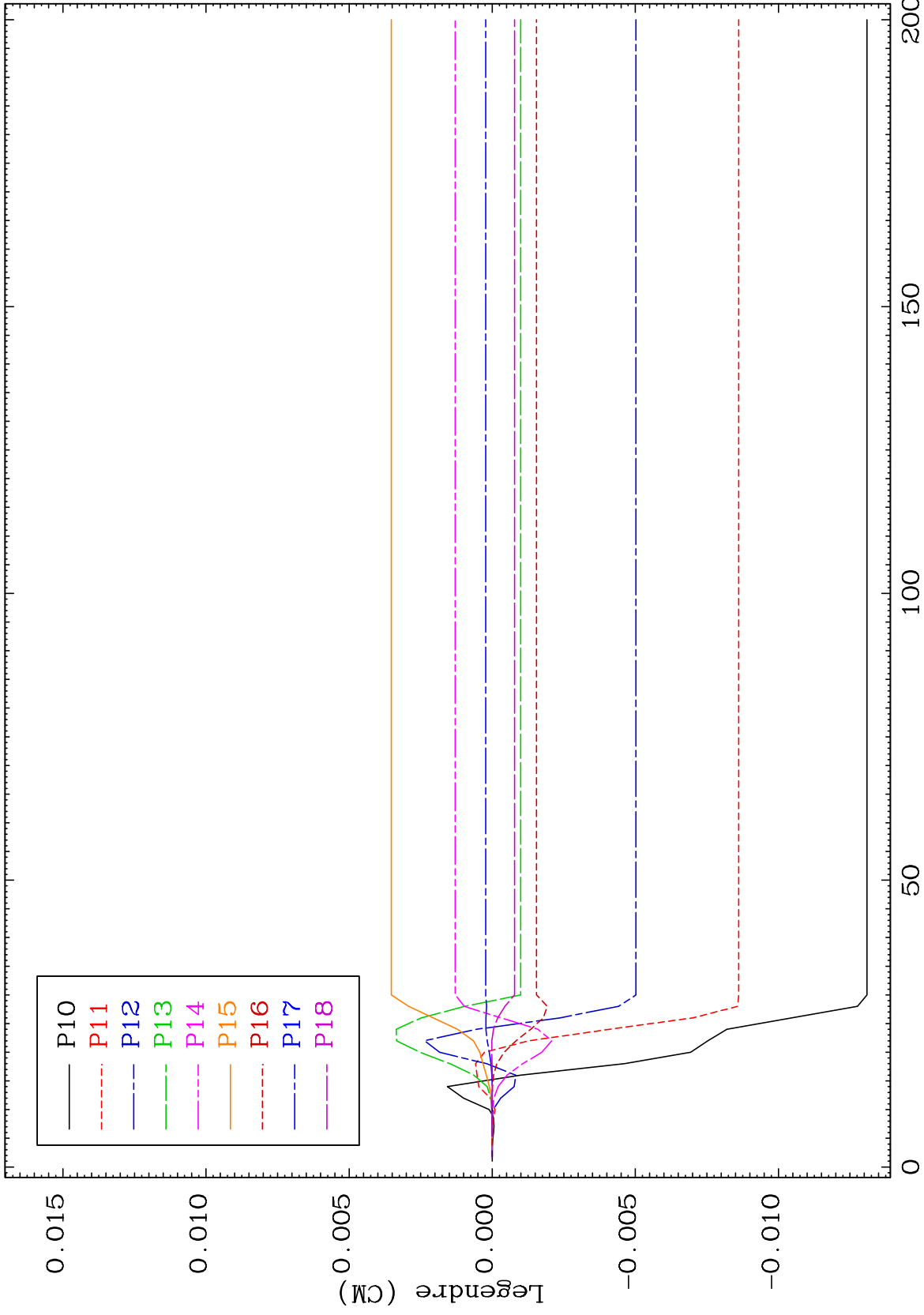
64-Gd-155



MAT 6434

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

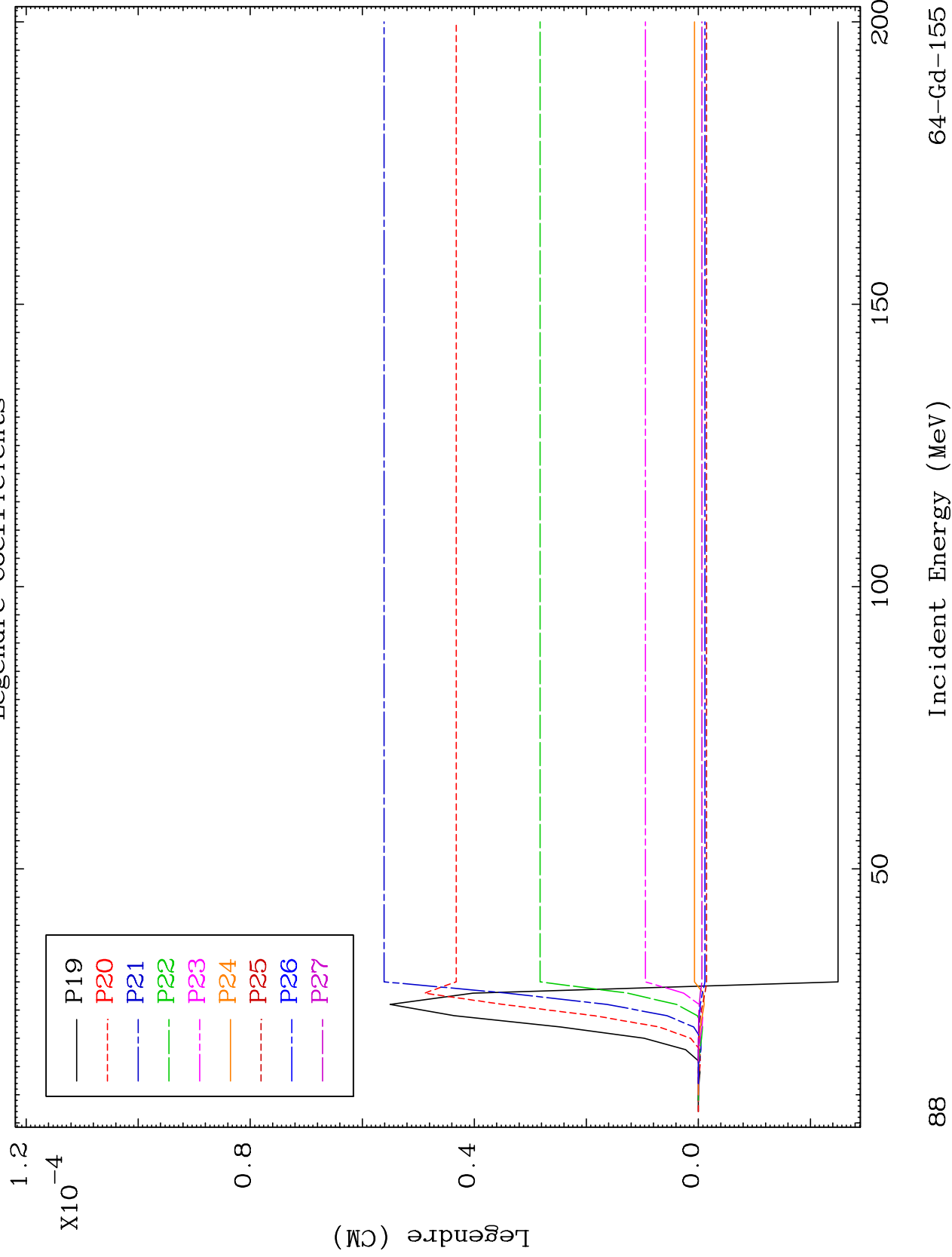
64-Gd-155

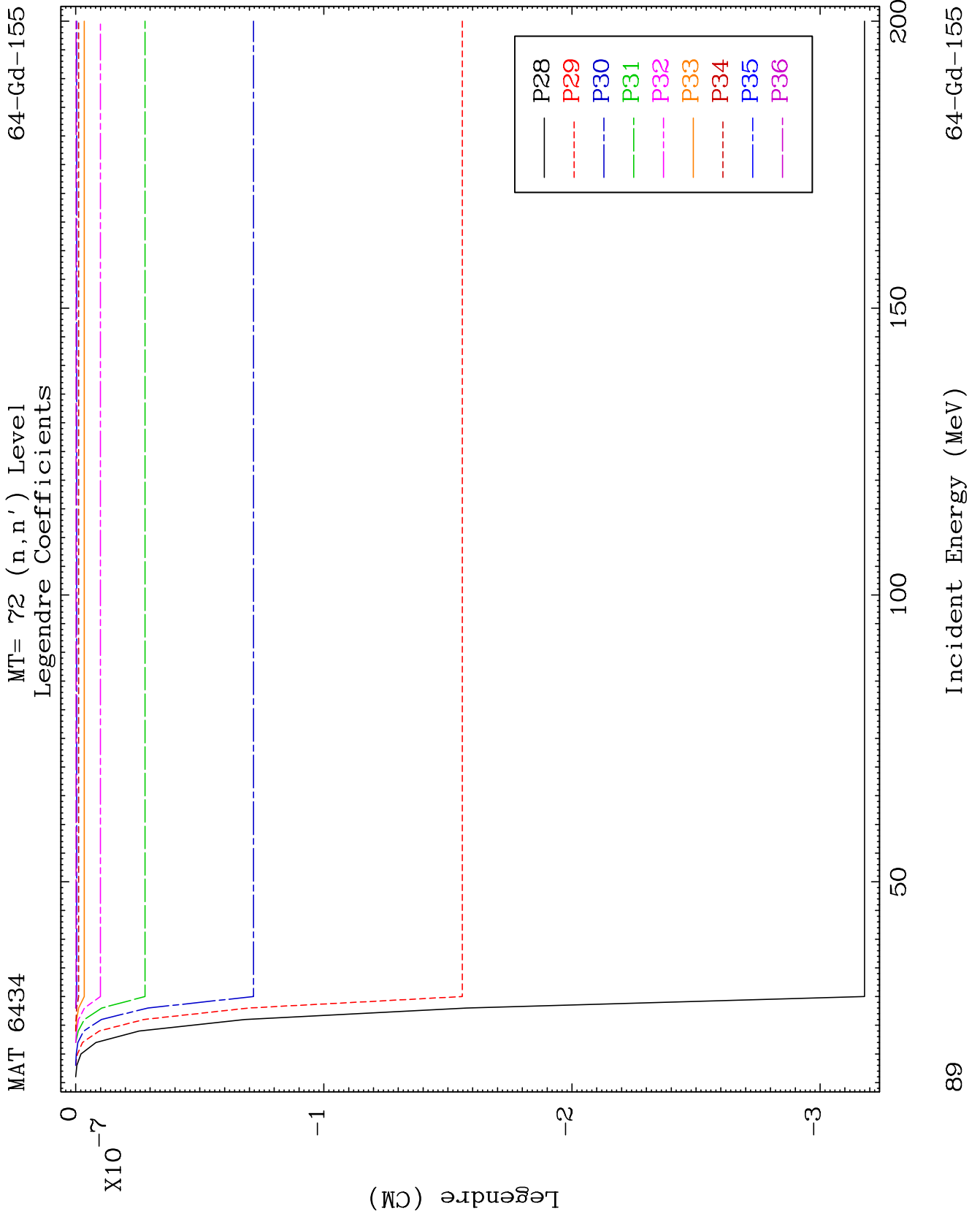


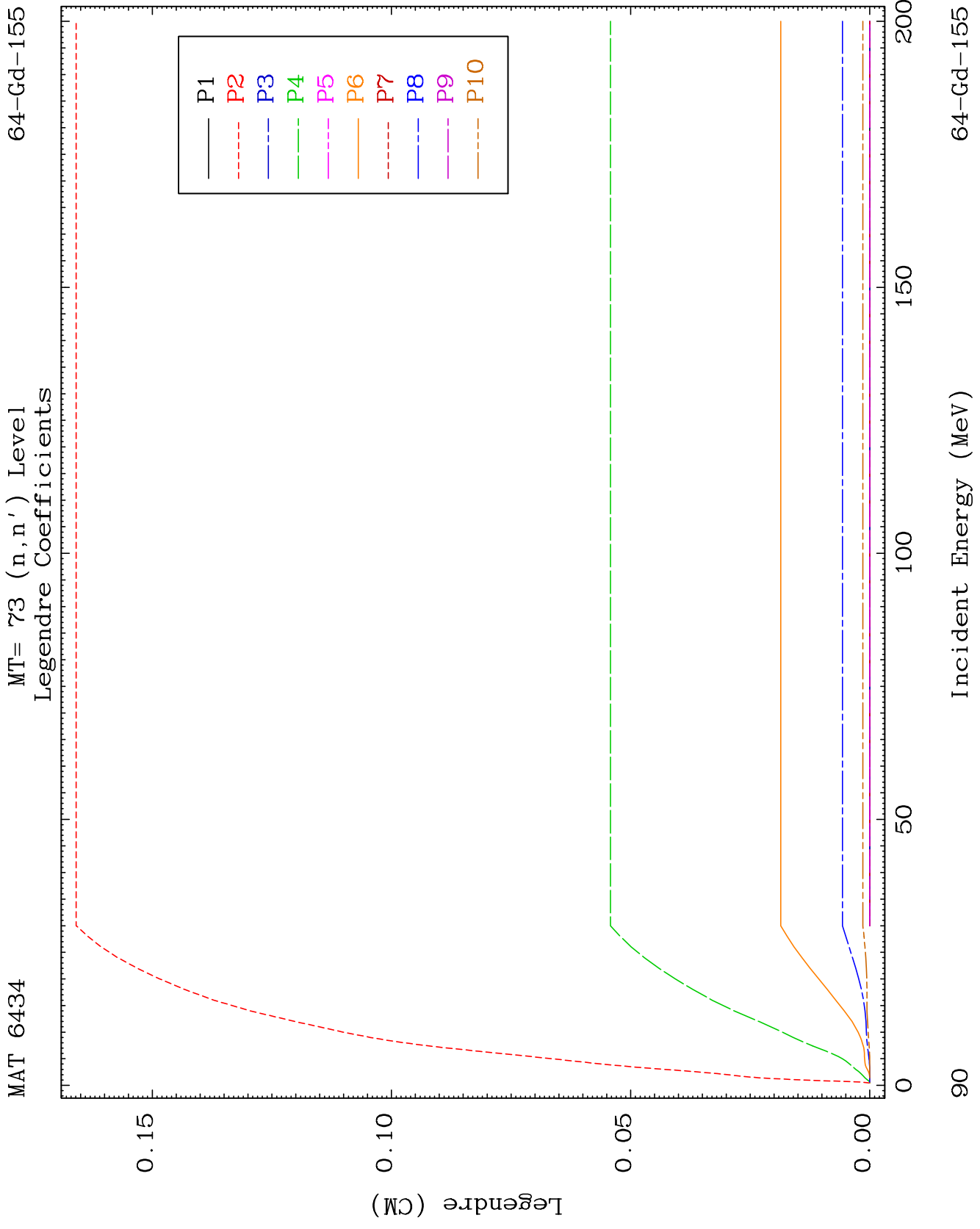
87

Incident Energy (MeV)

64-Gd-155



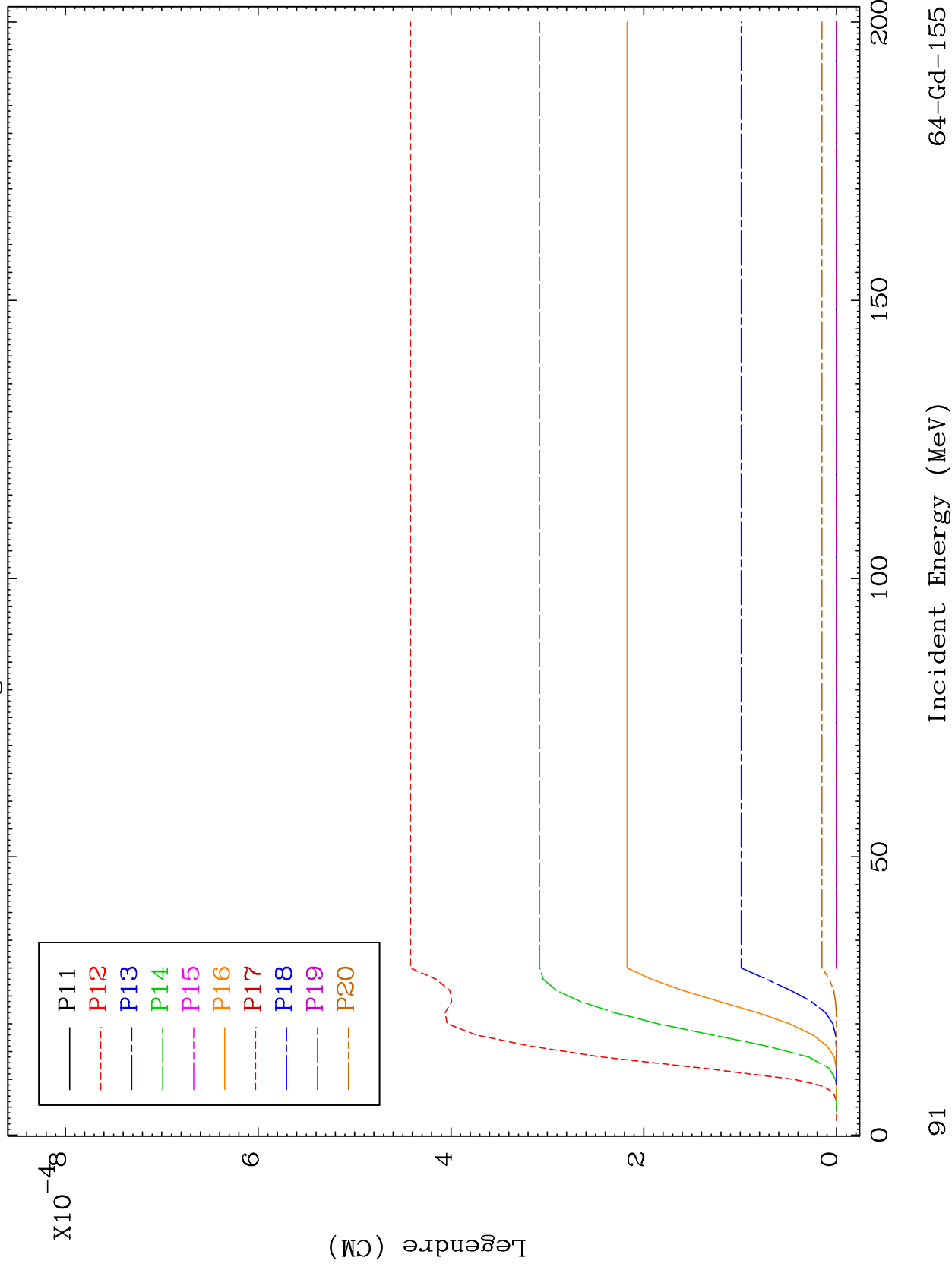


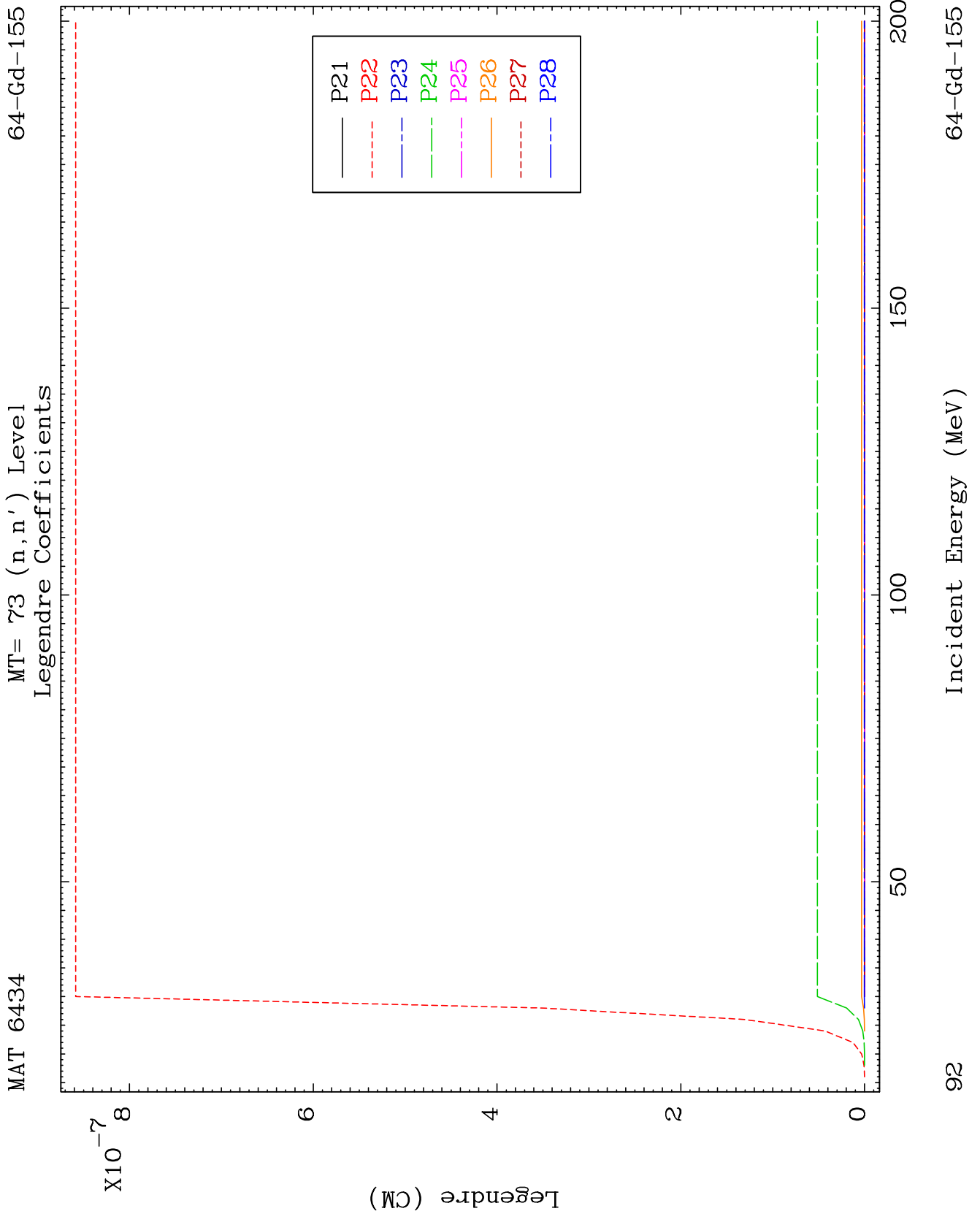


MAT 6434

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

64-Gd-155

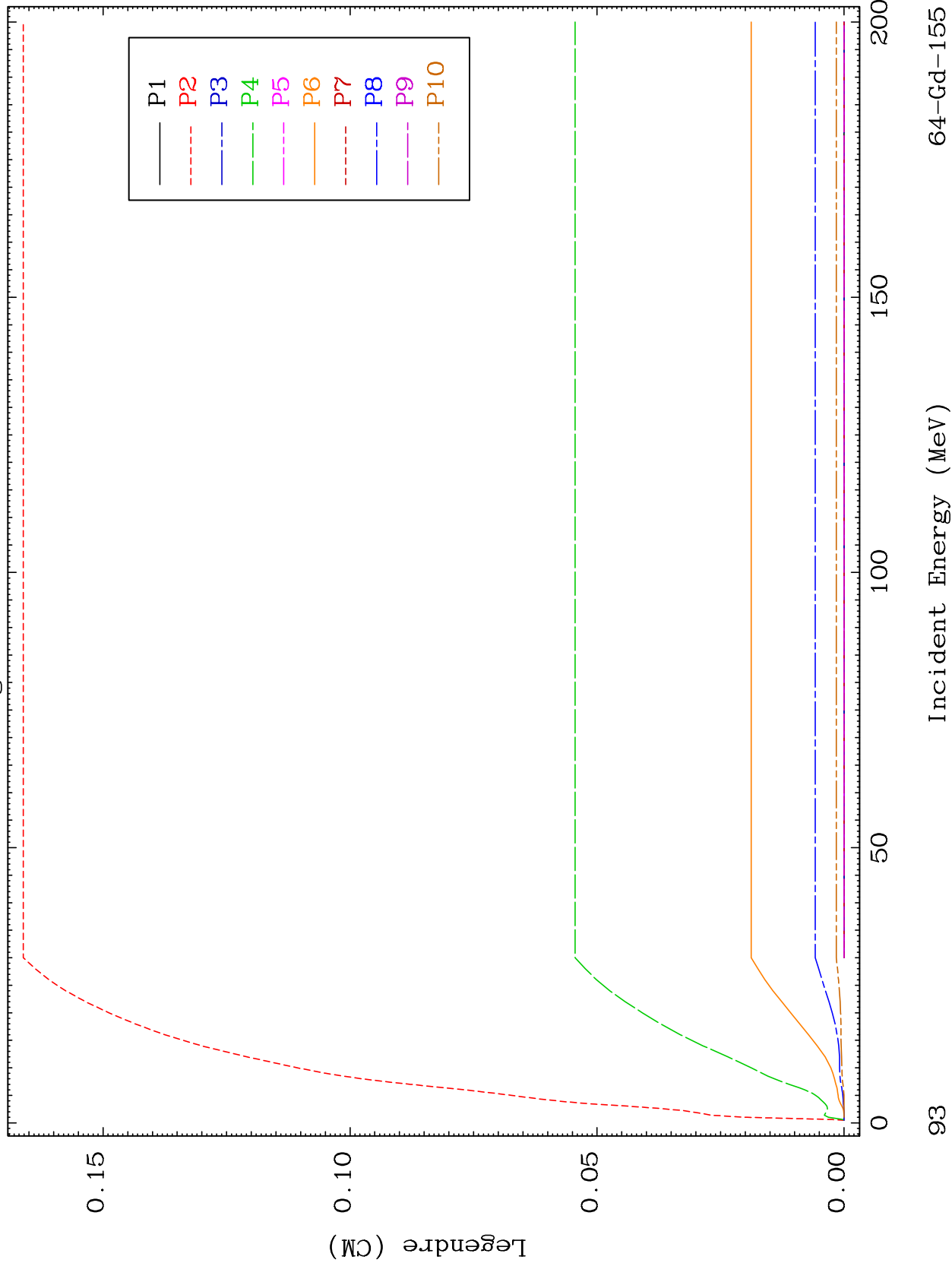




MAT 6434

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

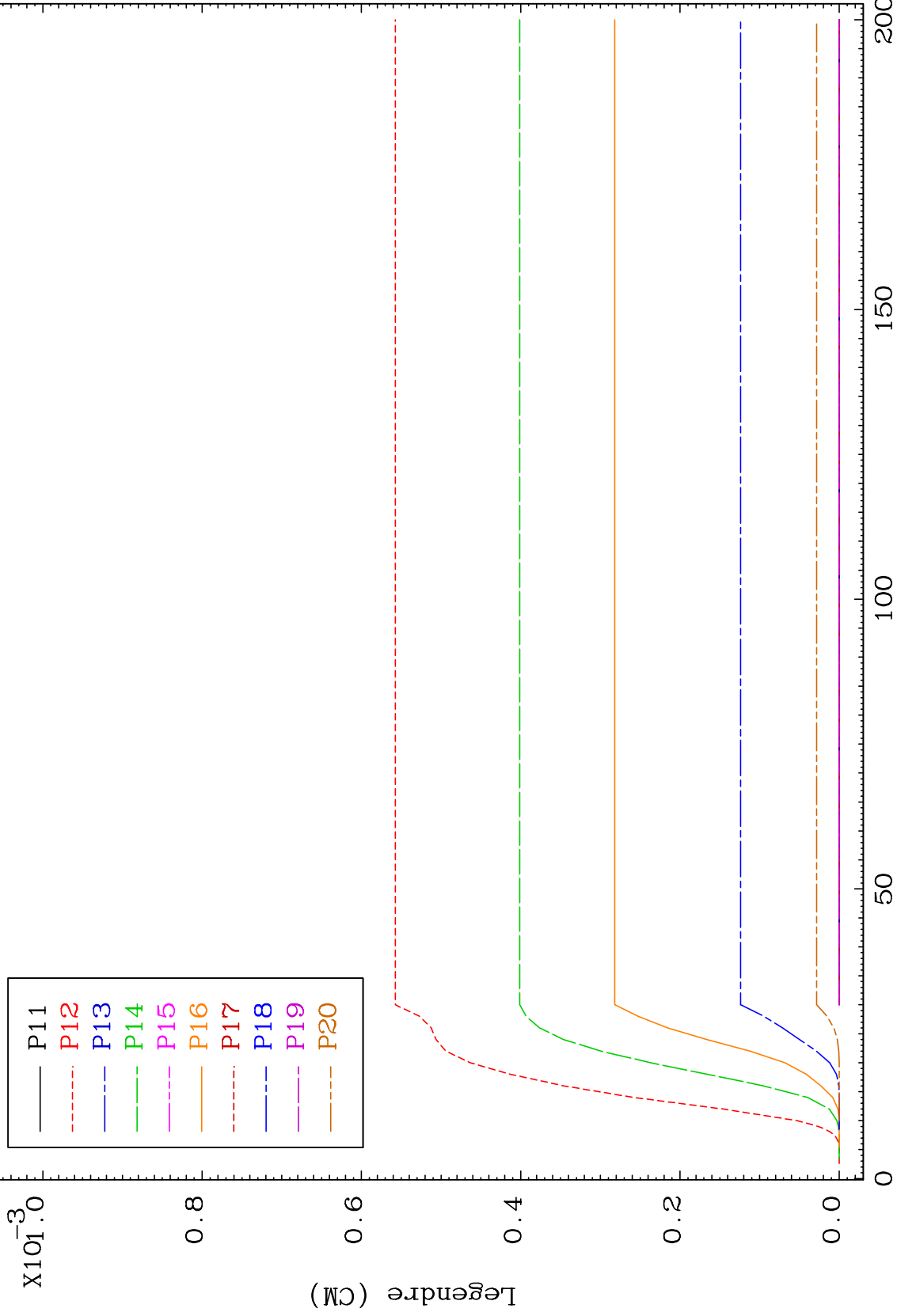
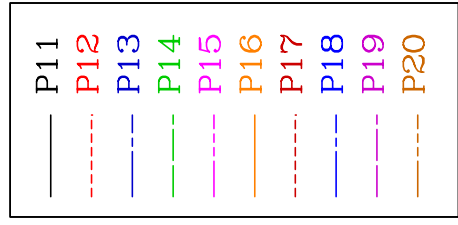
64-Gd-155



MAT 6434

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

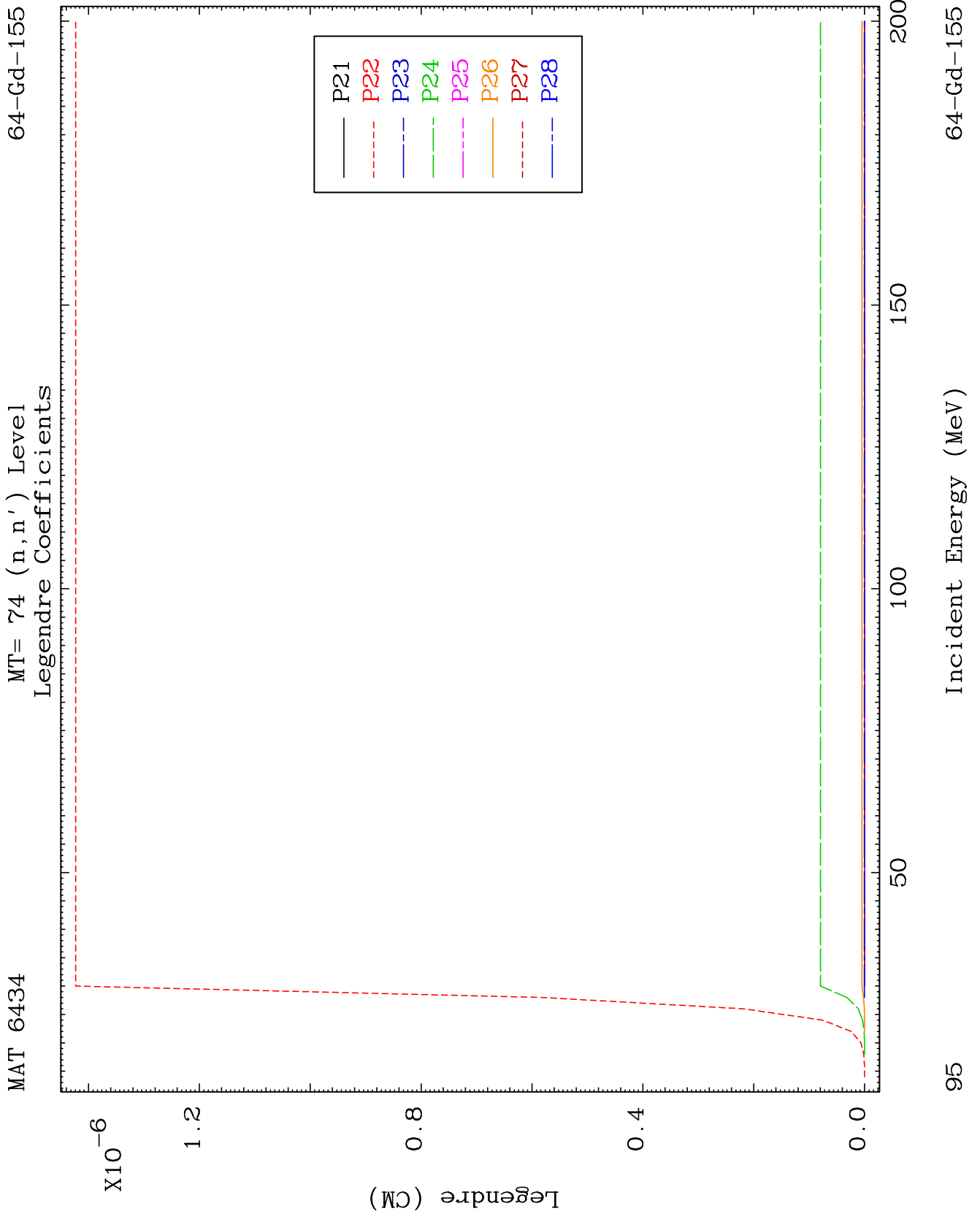
64-Gd-155

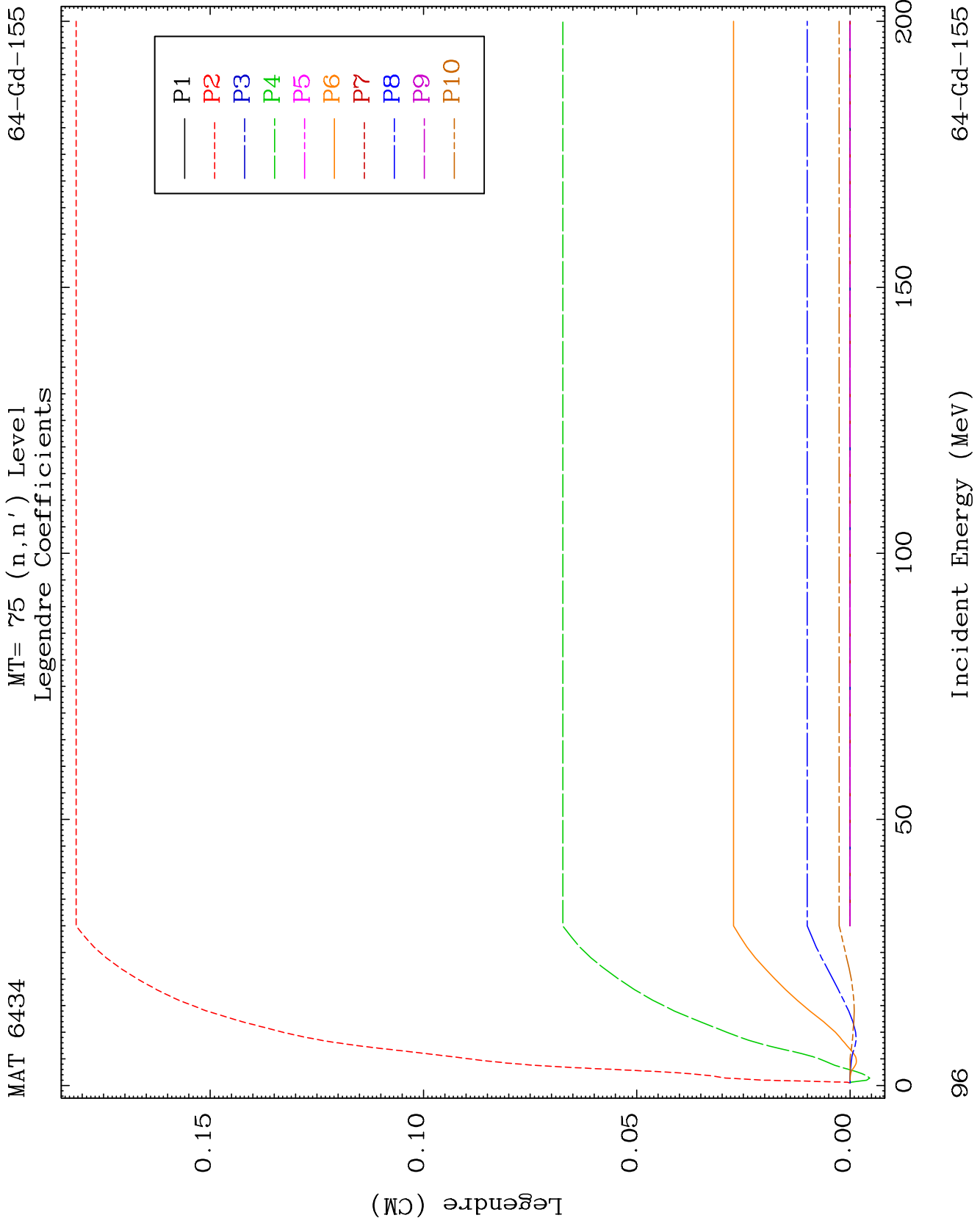


94

Incident Energy (MeV)

64-Gd-155

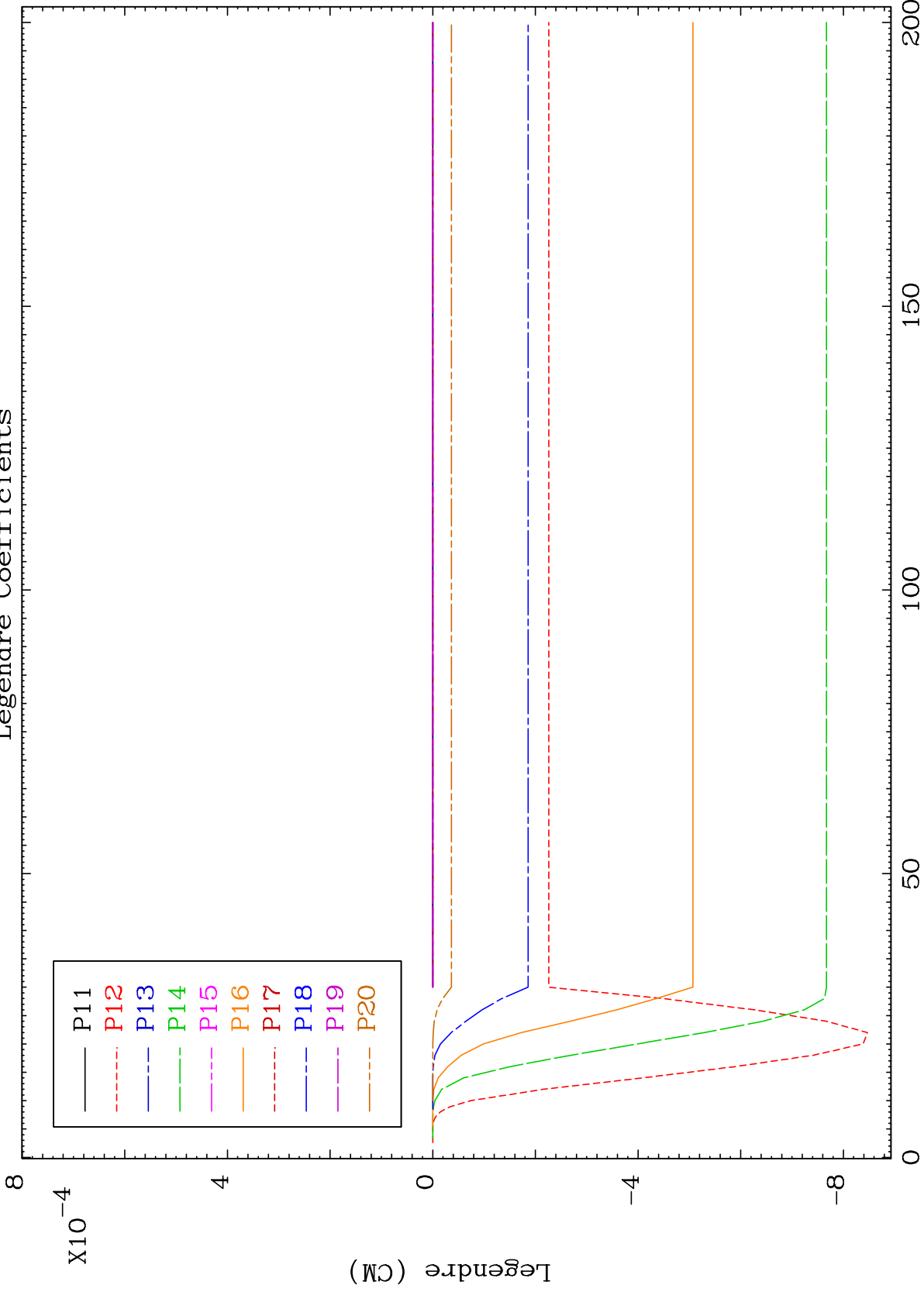




MAT 6434

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

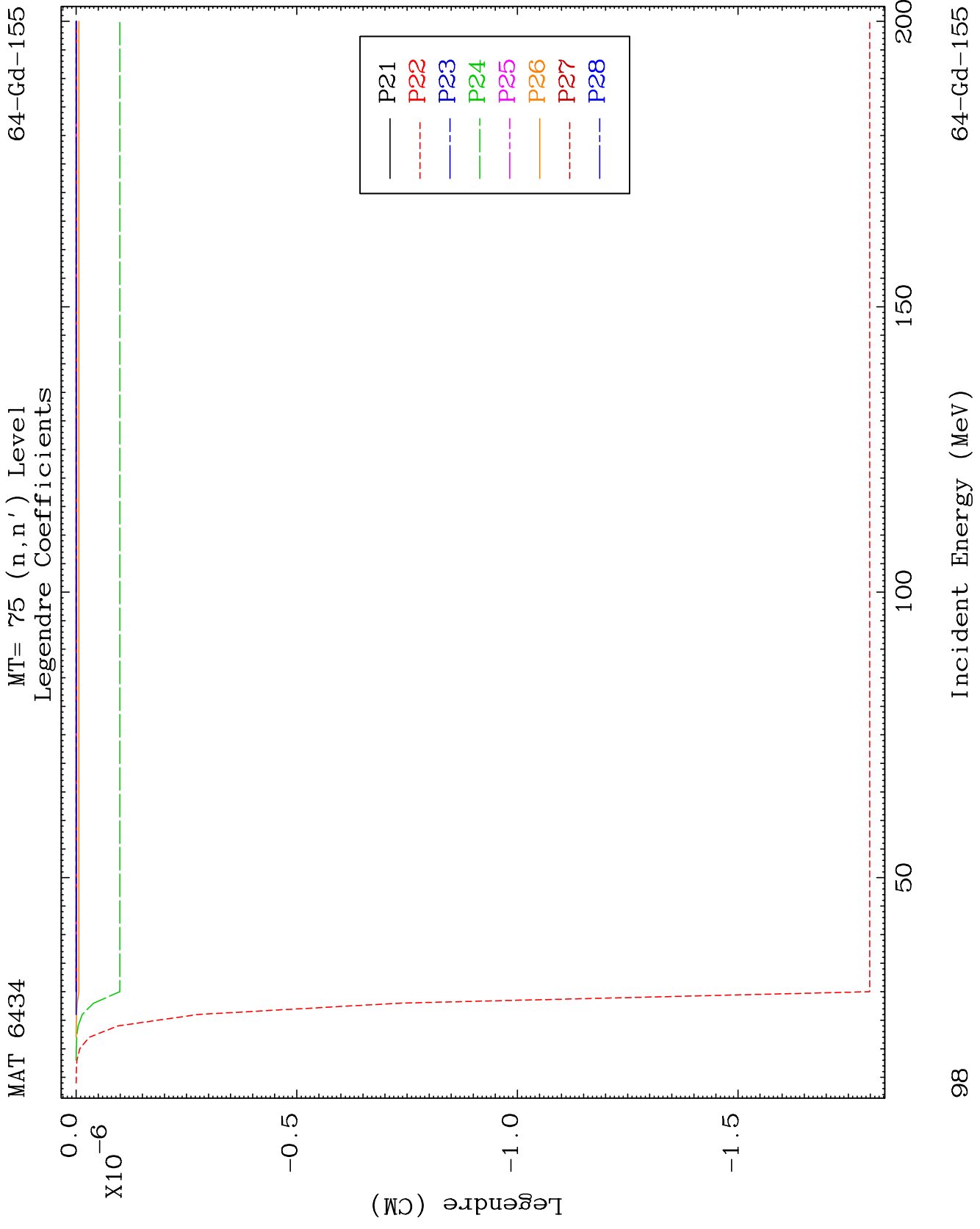
64-Gd-155



97

Incident Energy (MeV)

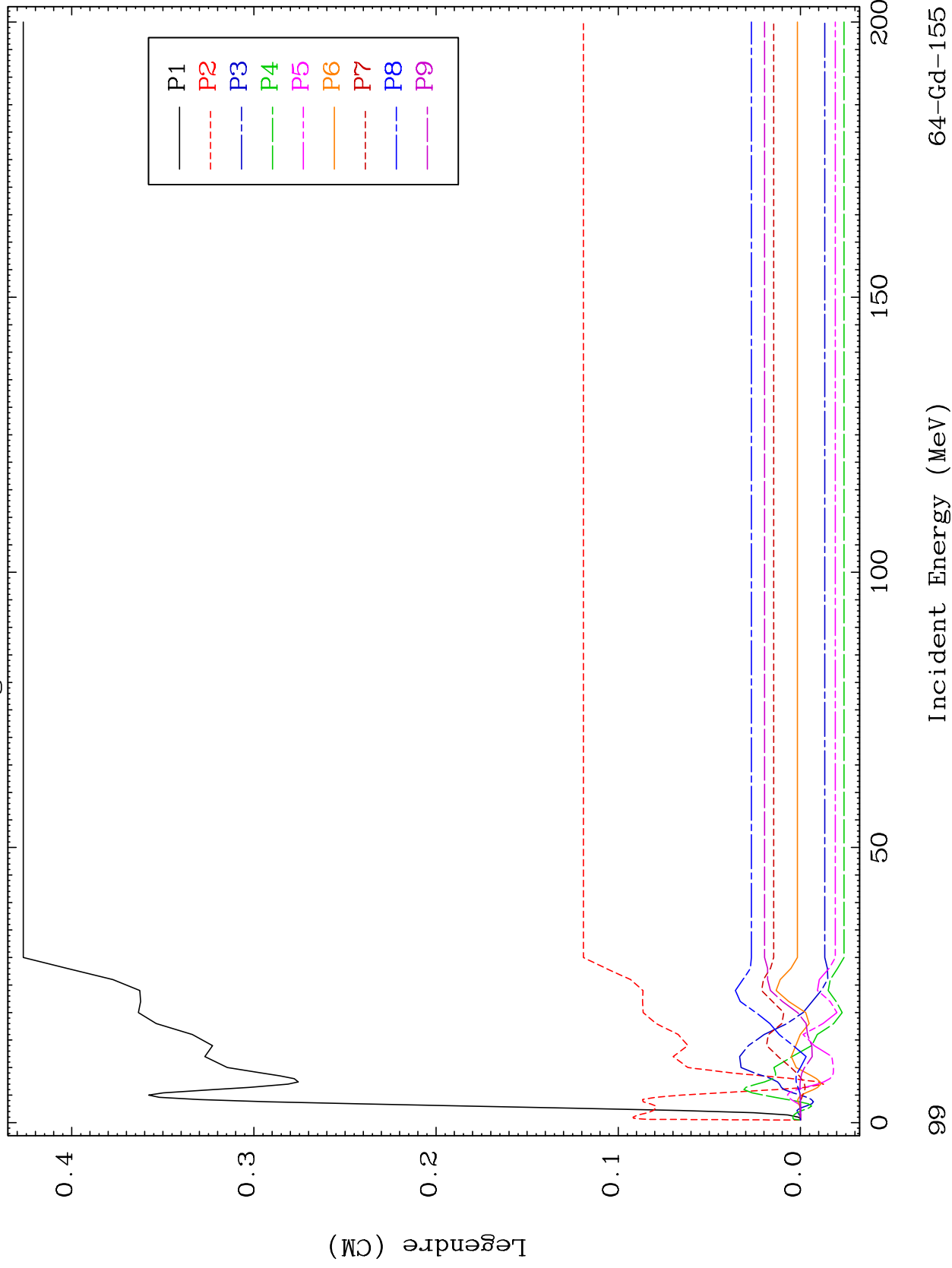
64-Gd-155



MAT 6434

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

64-Gd-155



64-Gd-155

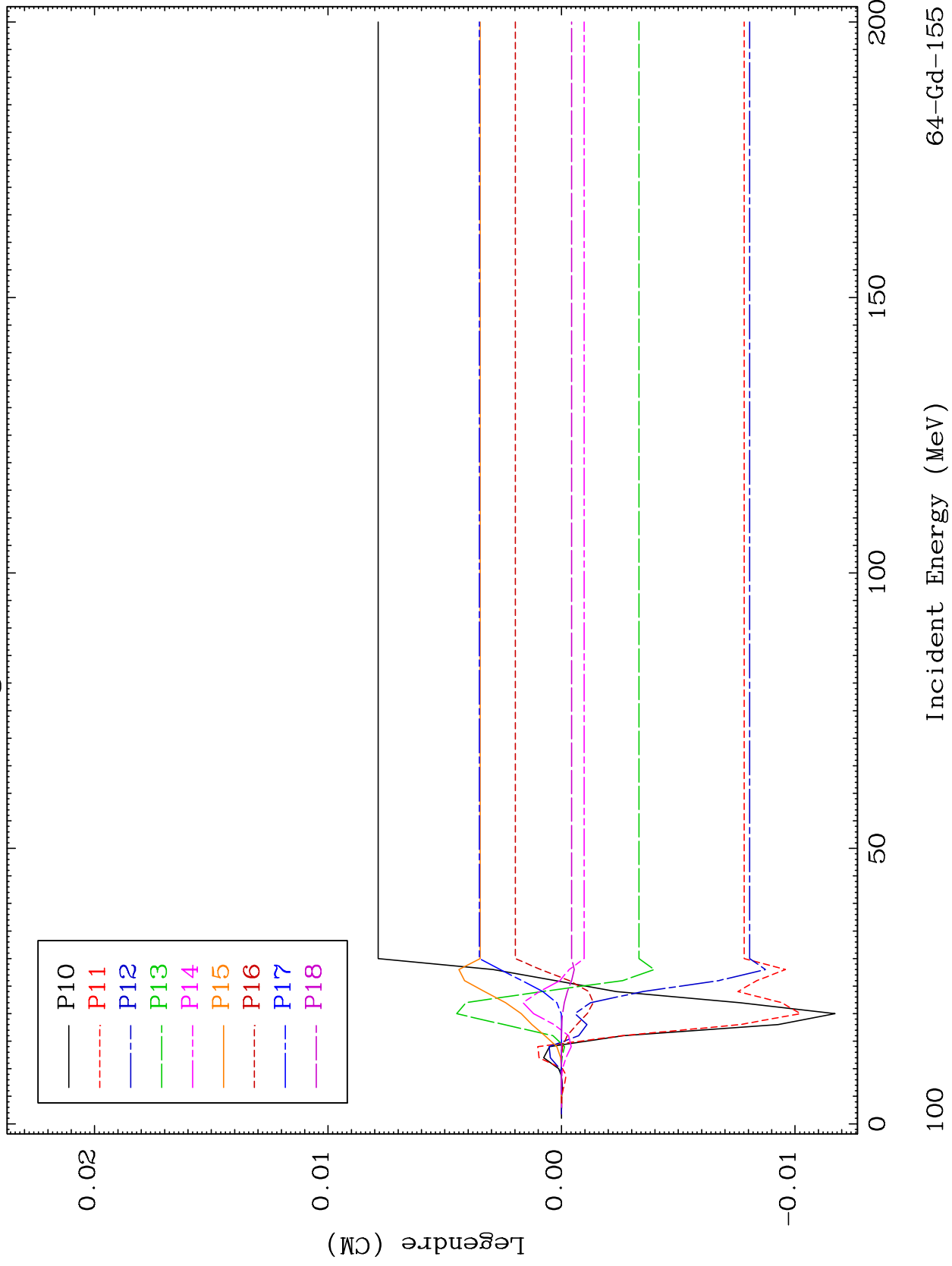
Incident Energy (MeV)

99

MAT 6434

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

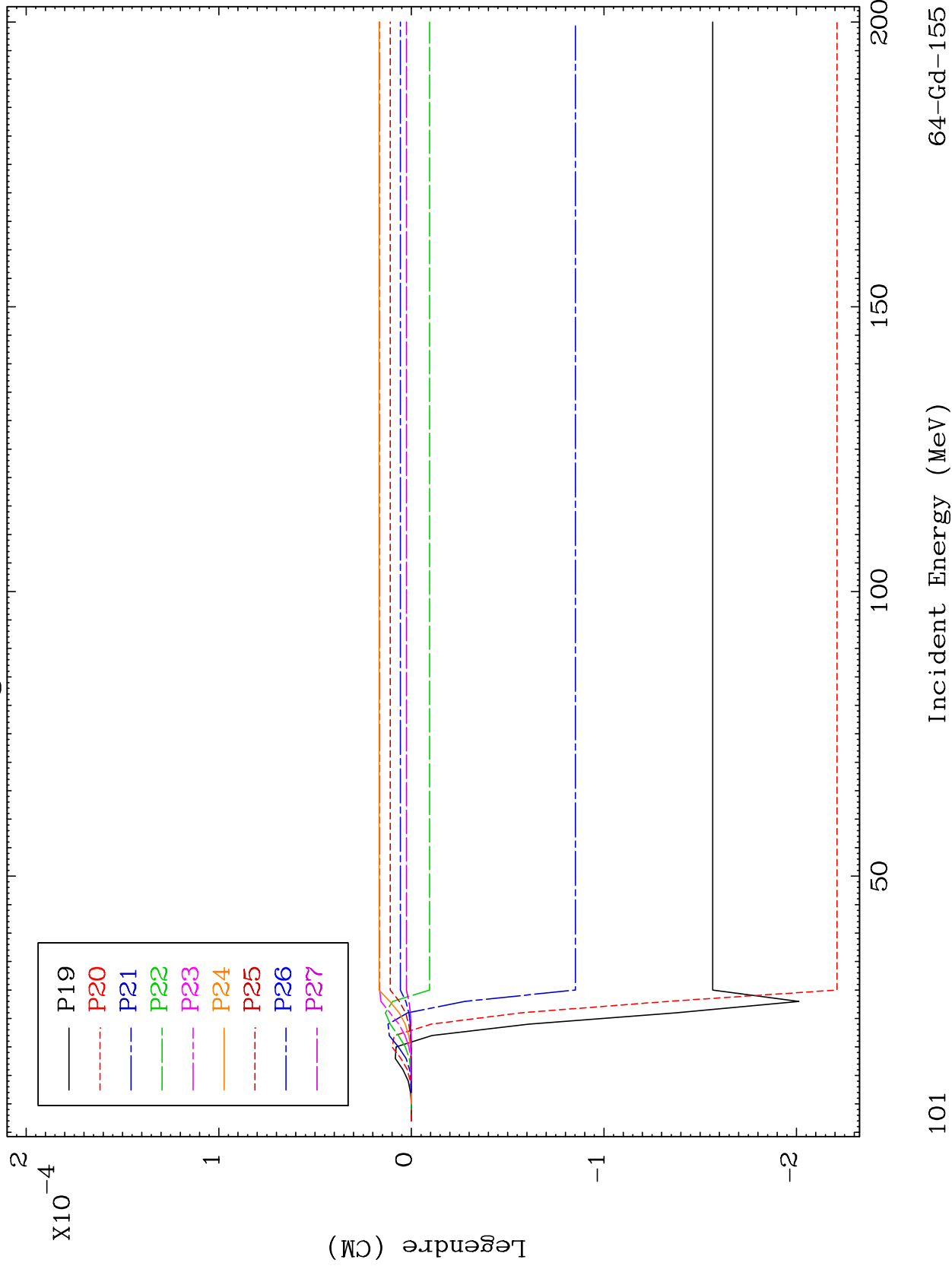
64-Gd-155



MAT 6434

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

64-Gd-155



101

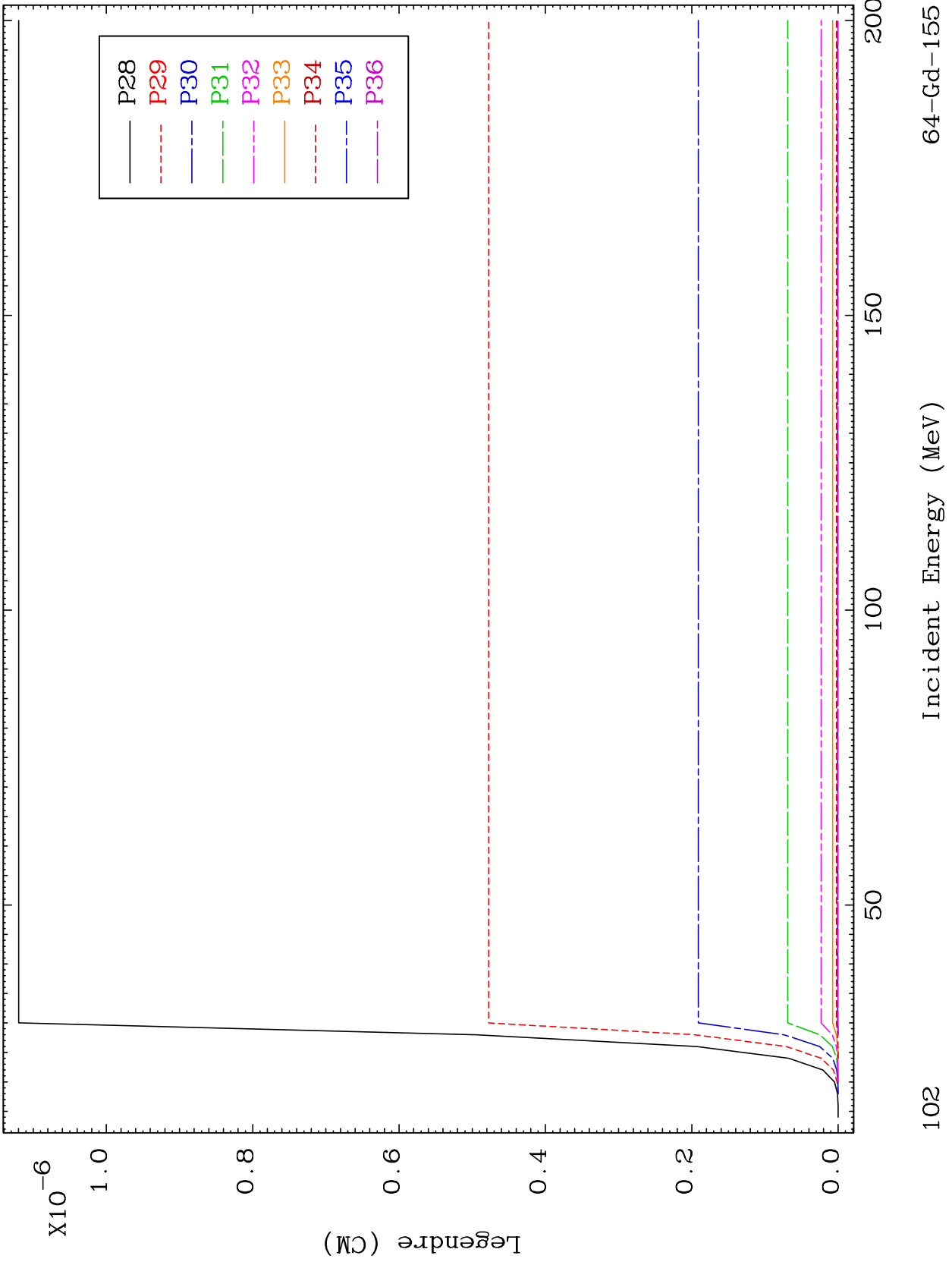
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



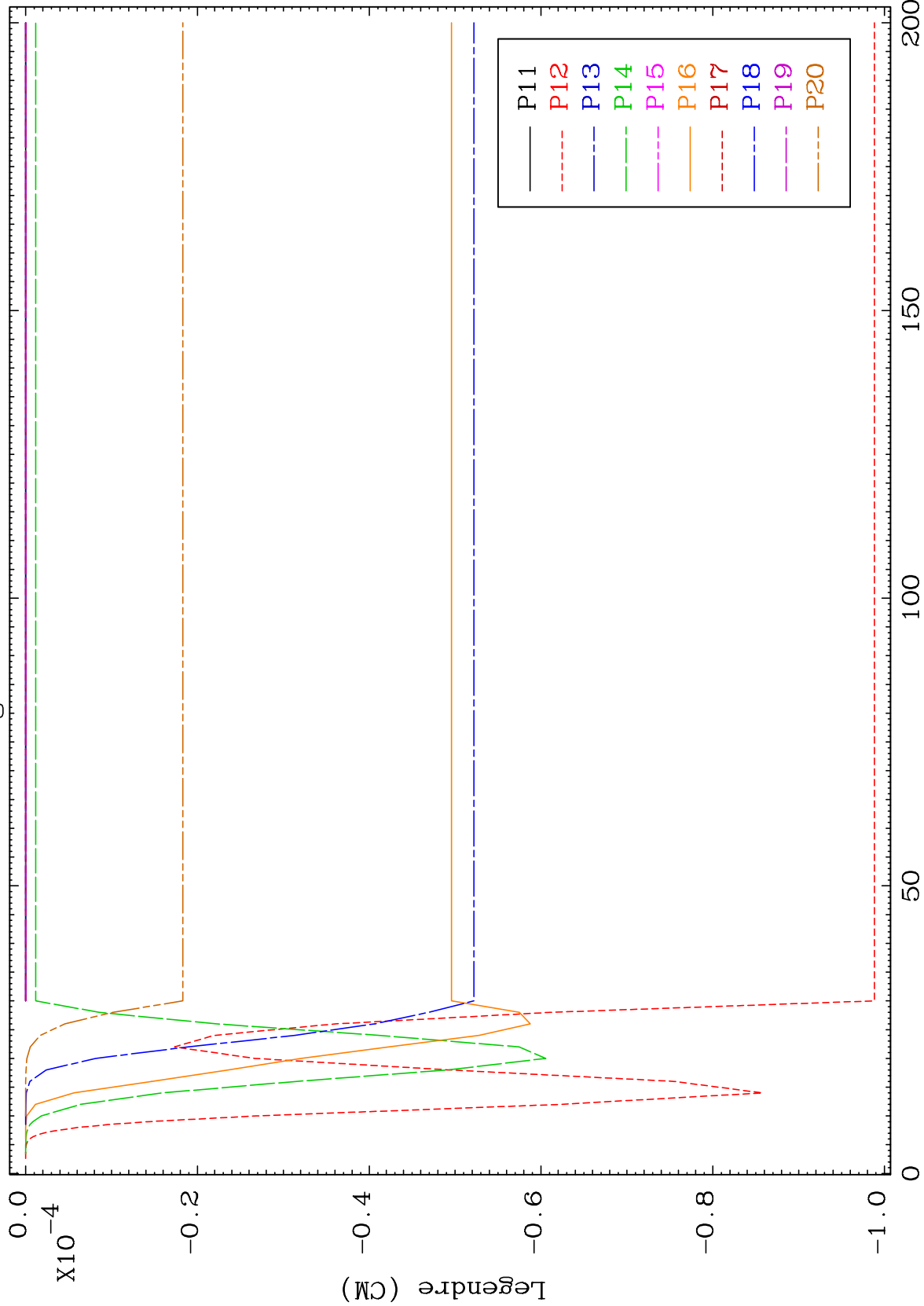
102

MAT 6434

MT= 77 (n,n') Level

64-Gd-155

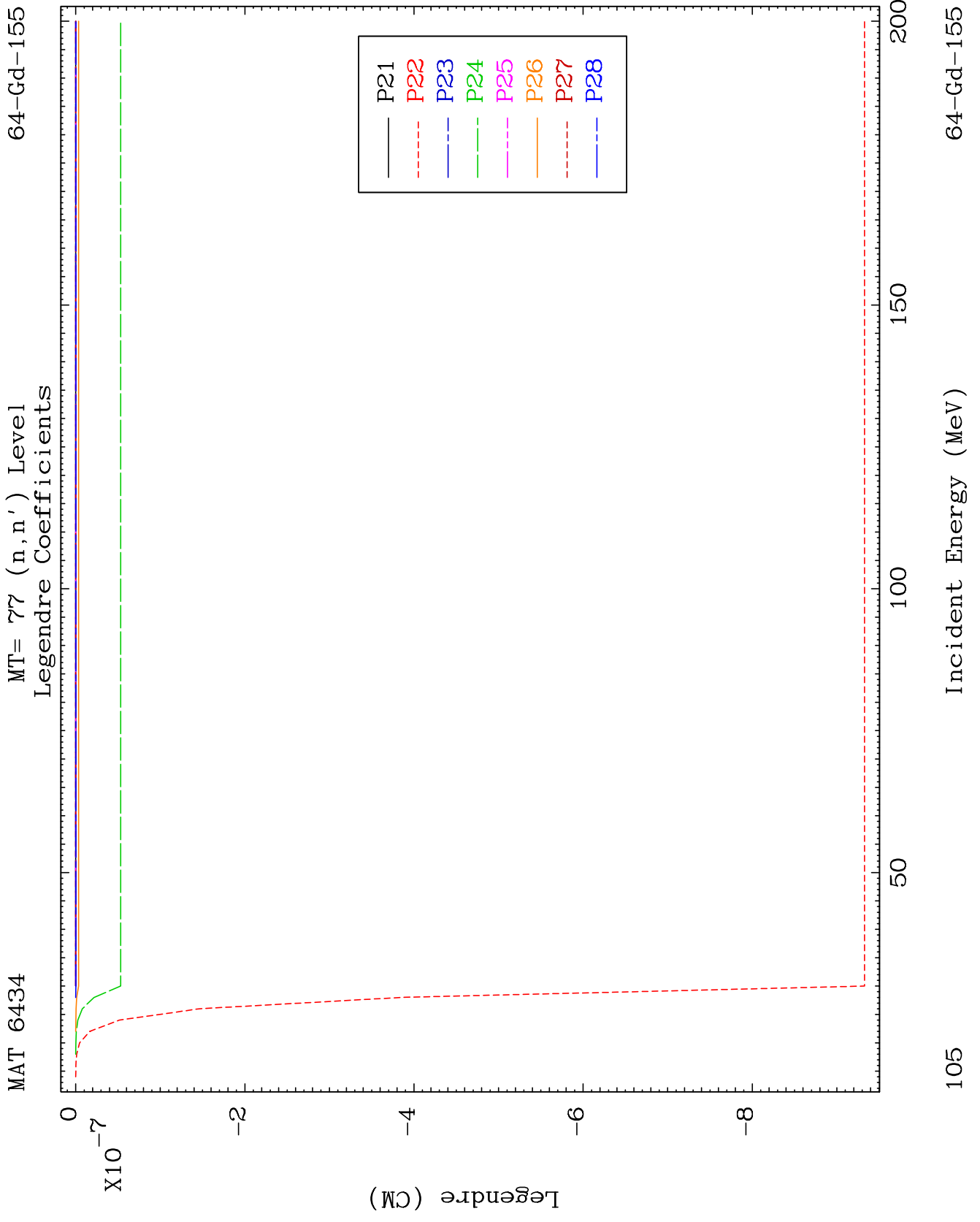
Legendre Coefficients



104

Incident Energy (MeV)

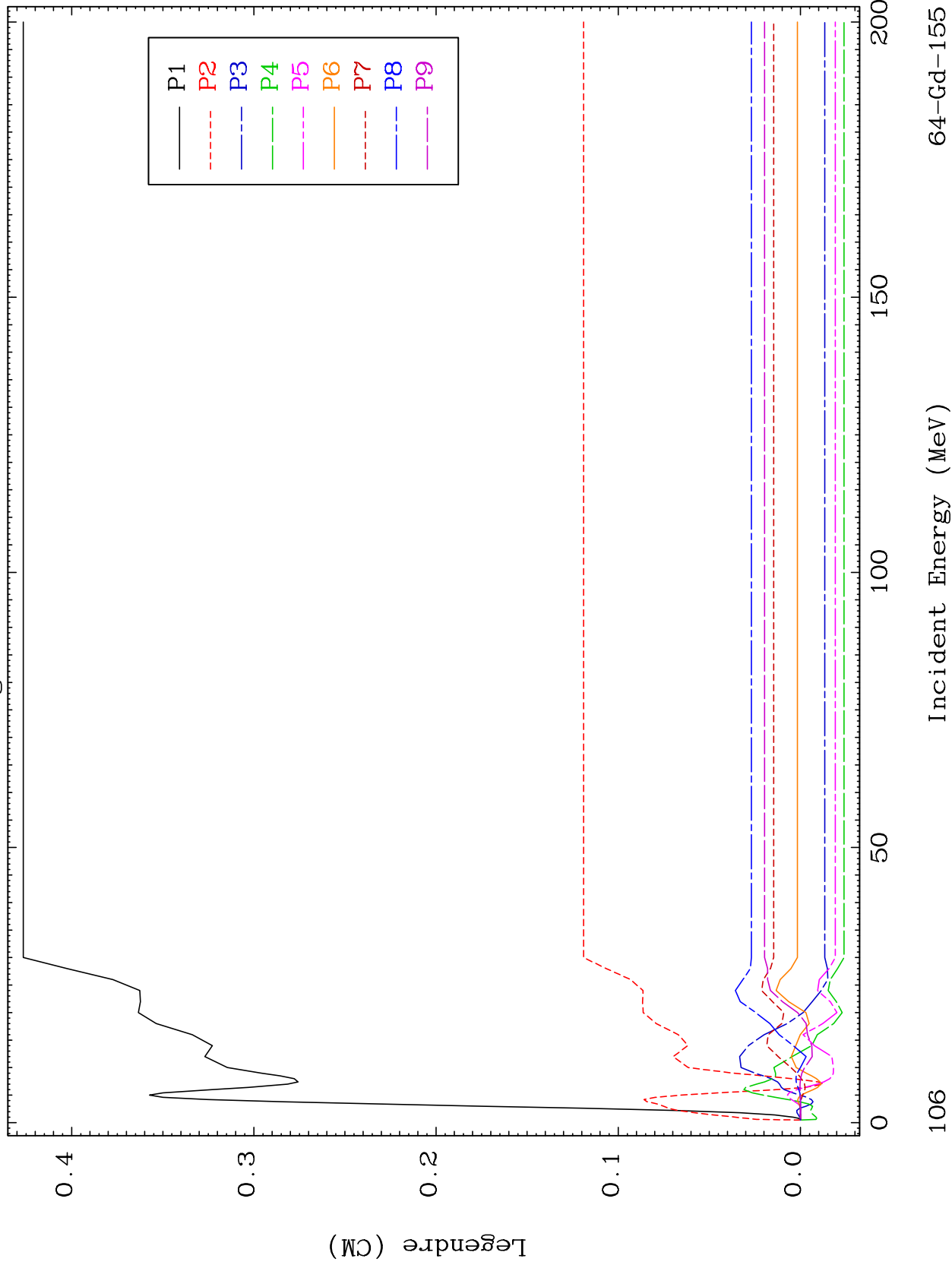
64-Gd-155



MAT 6434

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

64-Gd-155

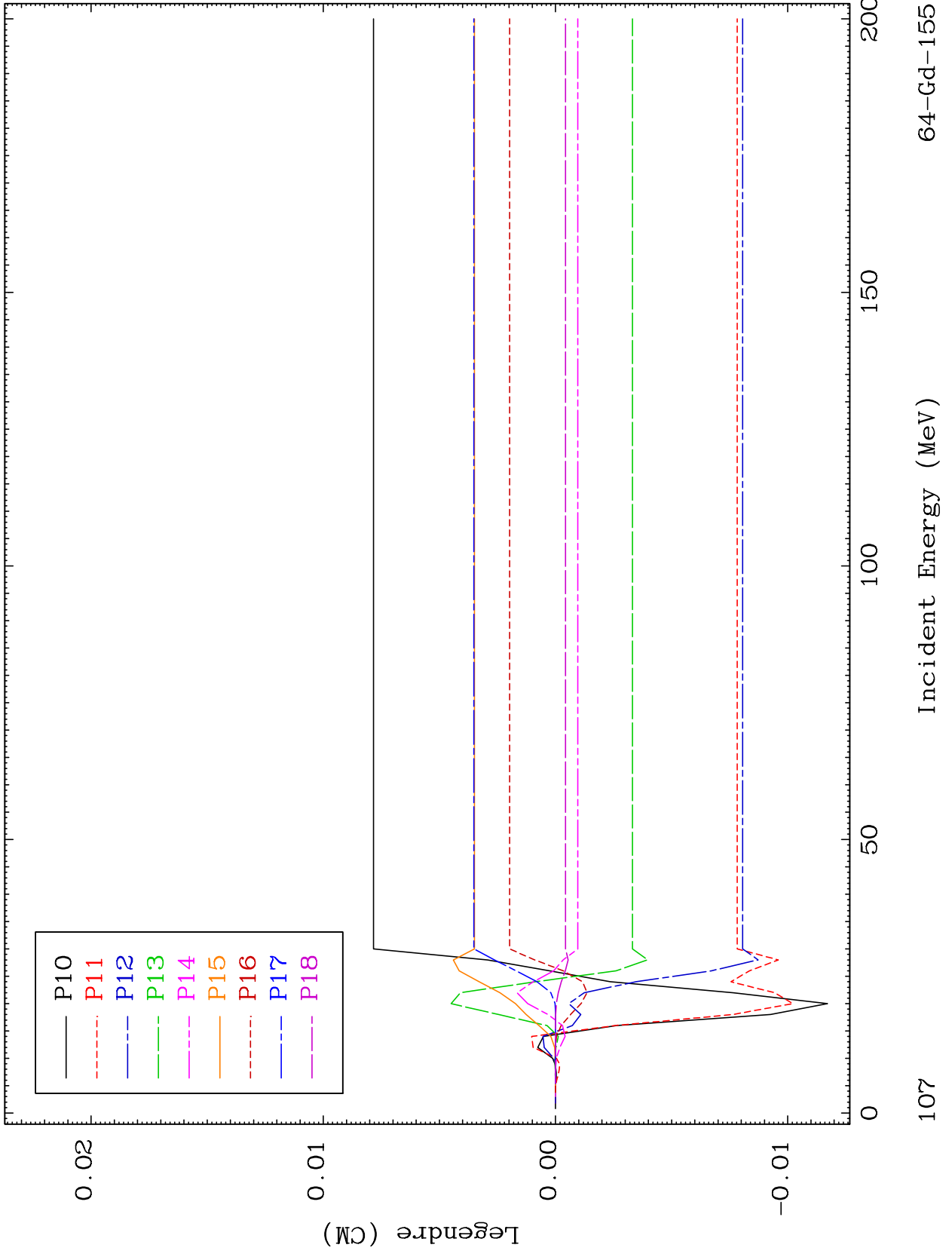


106

MAT 6434

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

64-Gd-155



107

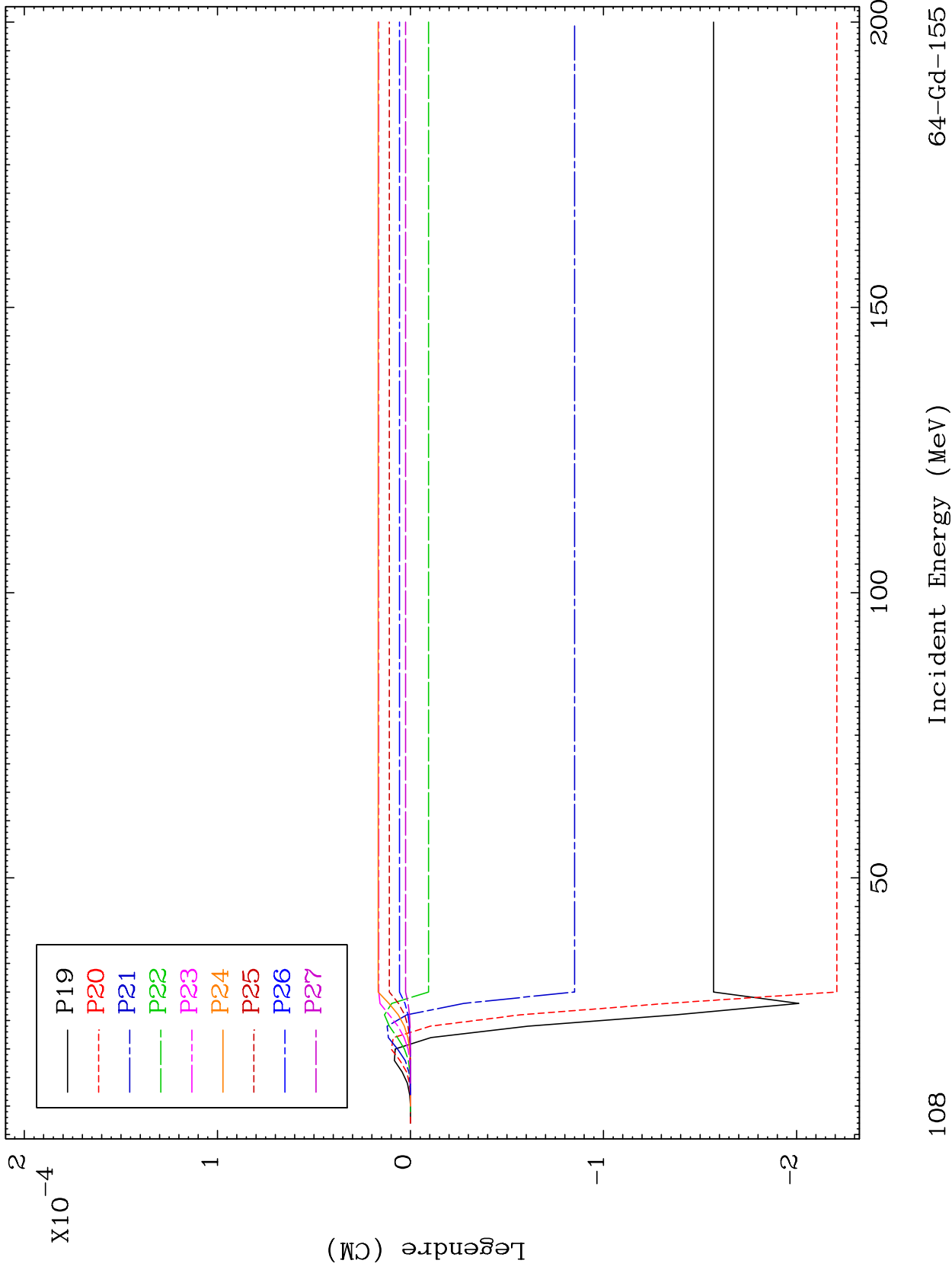
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



108

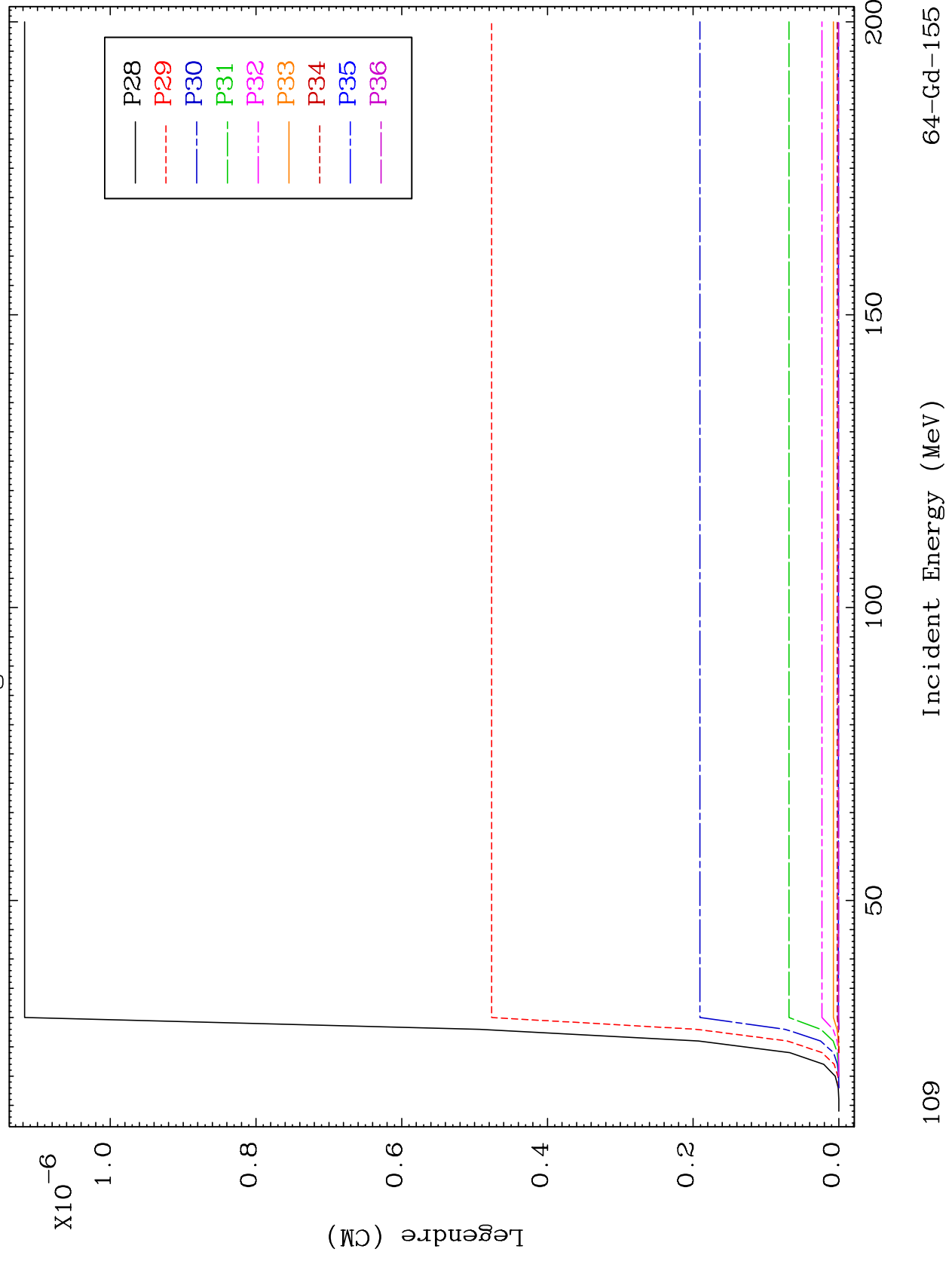
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

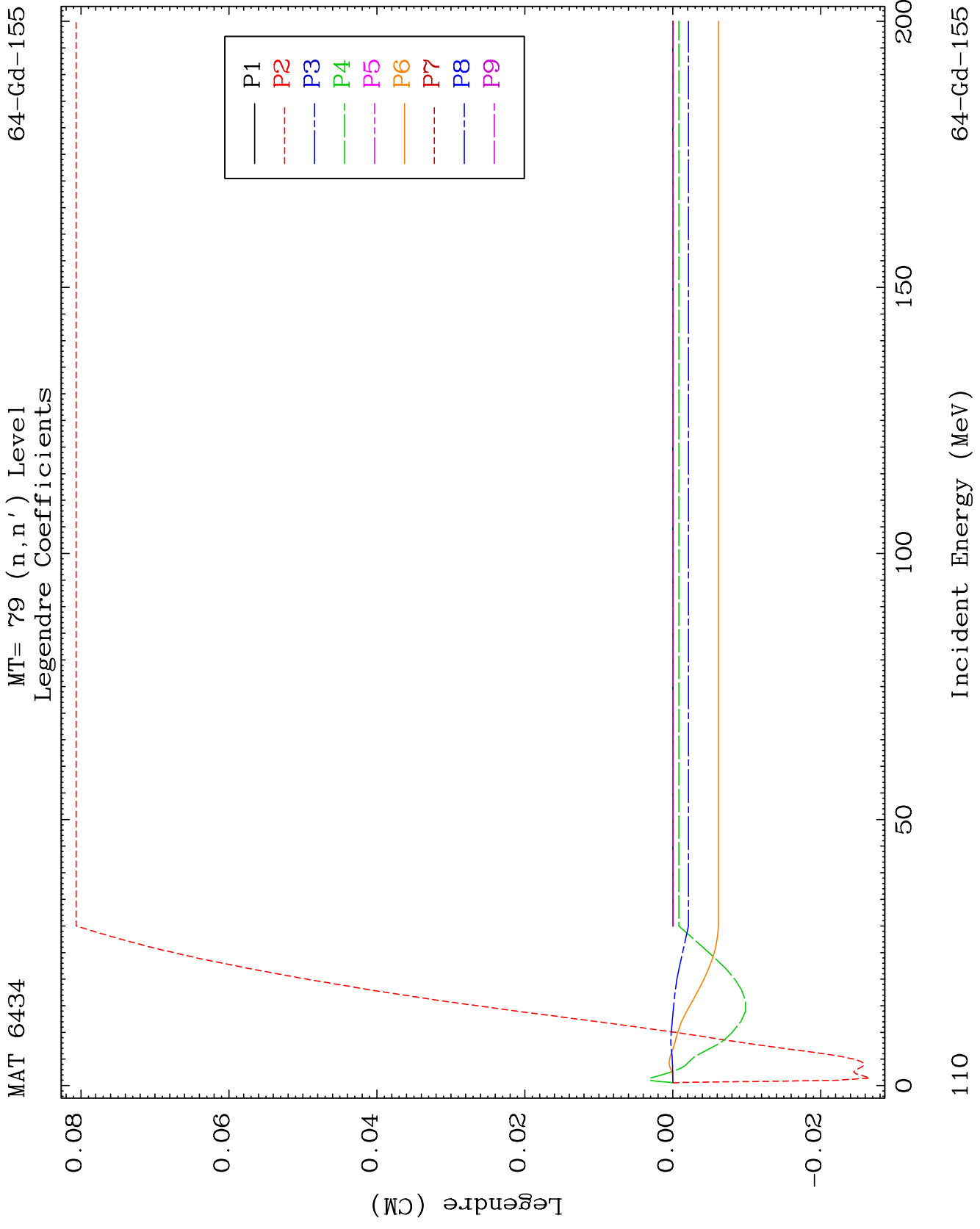
64-Gd-155



109

Incident Energy (MeV)

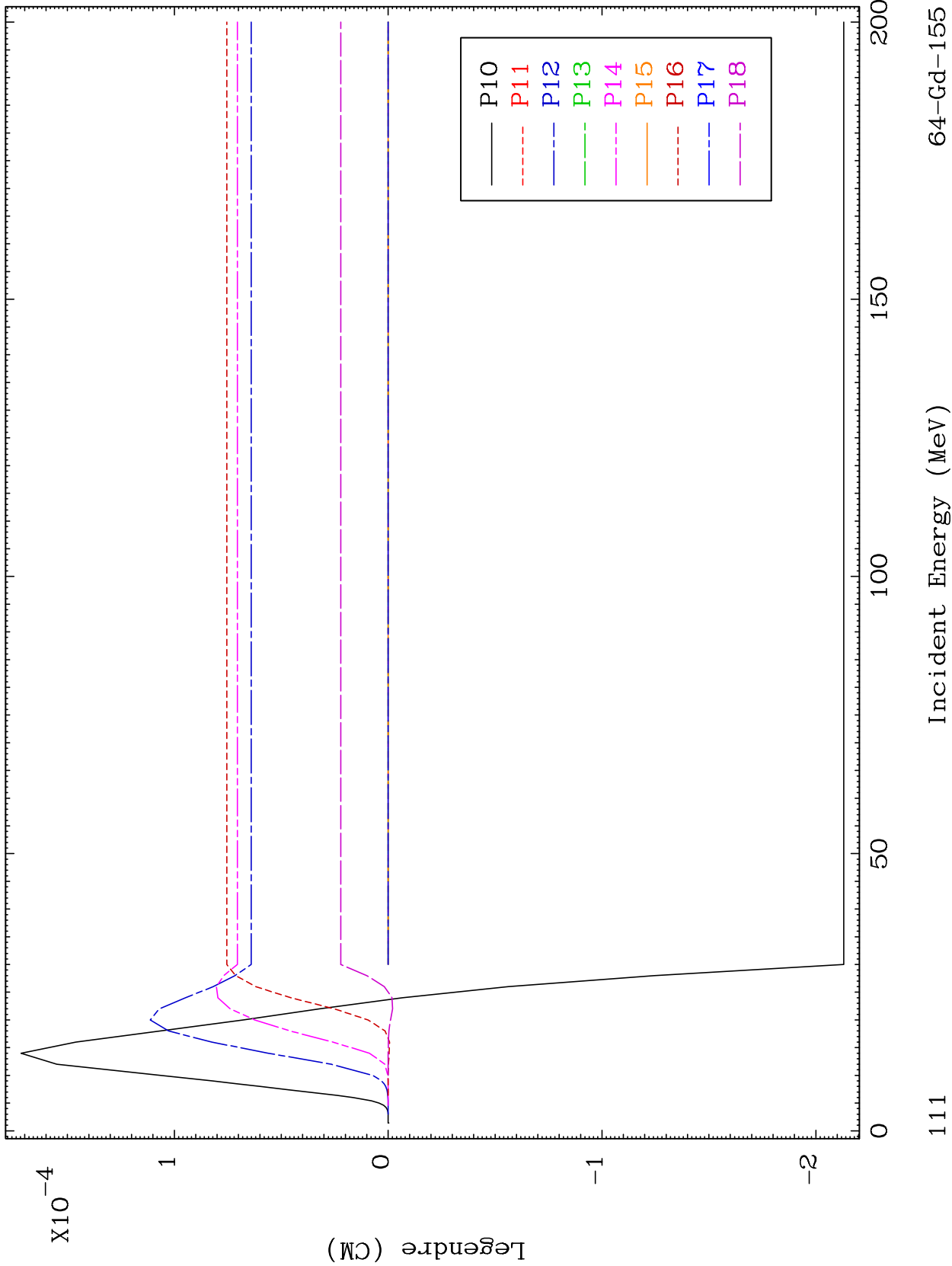
64-Gd-155

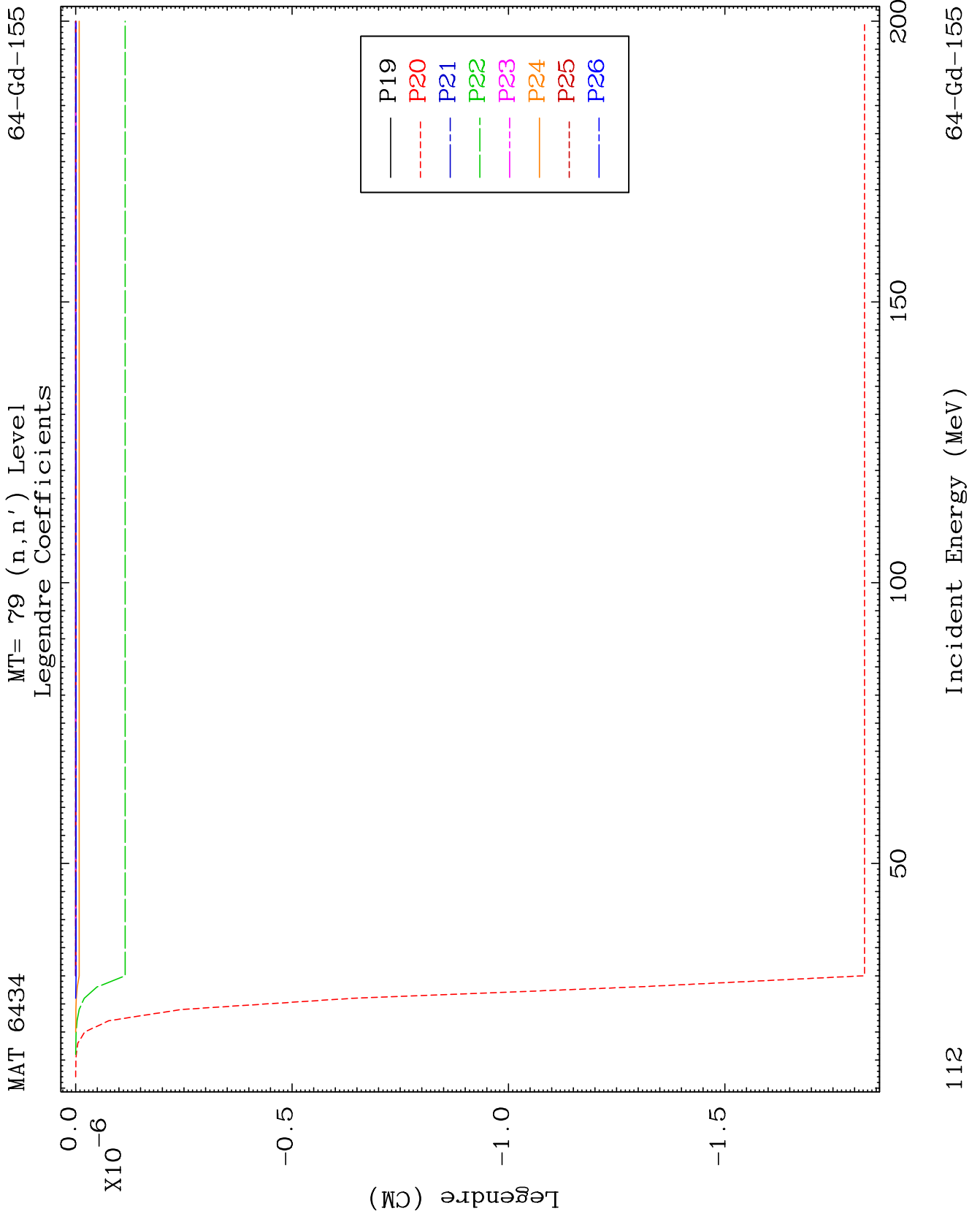


MAT 6434

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

64-Gd-155

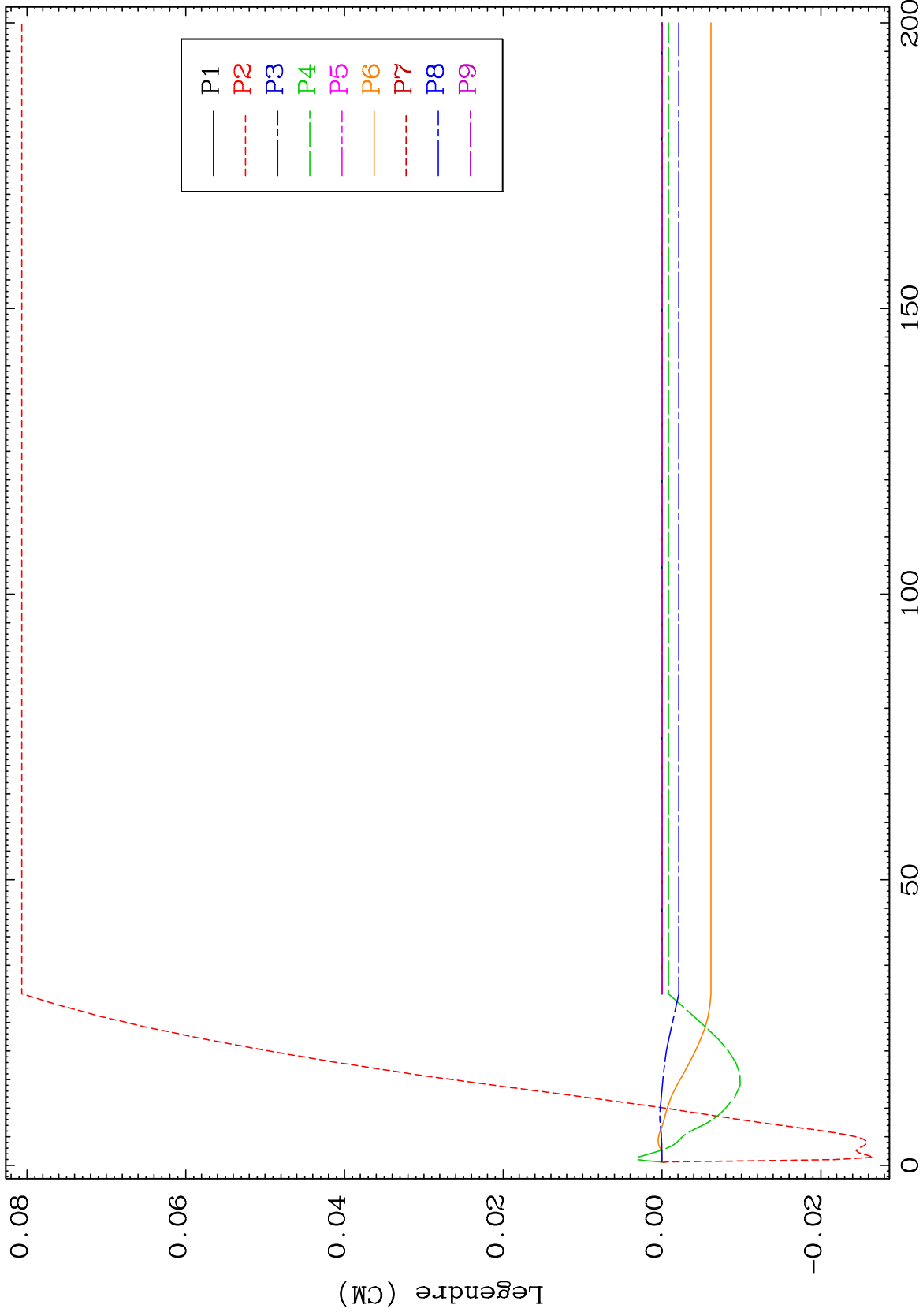




MAT 6434

MT= 80 (n,n') Level
Legendre Coefficients

64-Gd-155



64-Gd-155

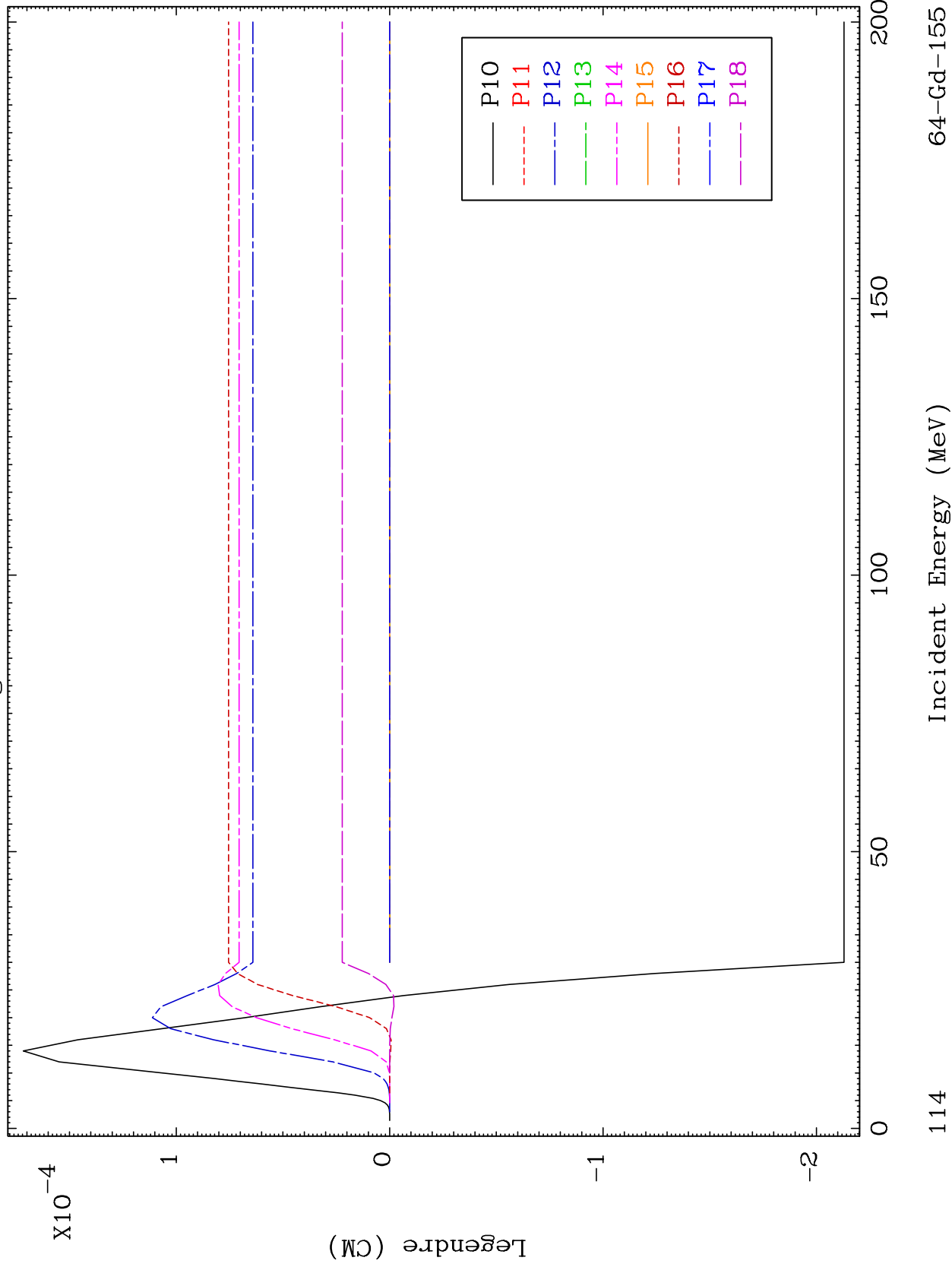
Incident Energy (MeV)

113

MAT 6434

MT= 80 (n,n') Level
Legendre Coefficients

64-Gd-155

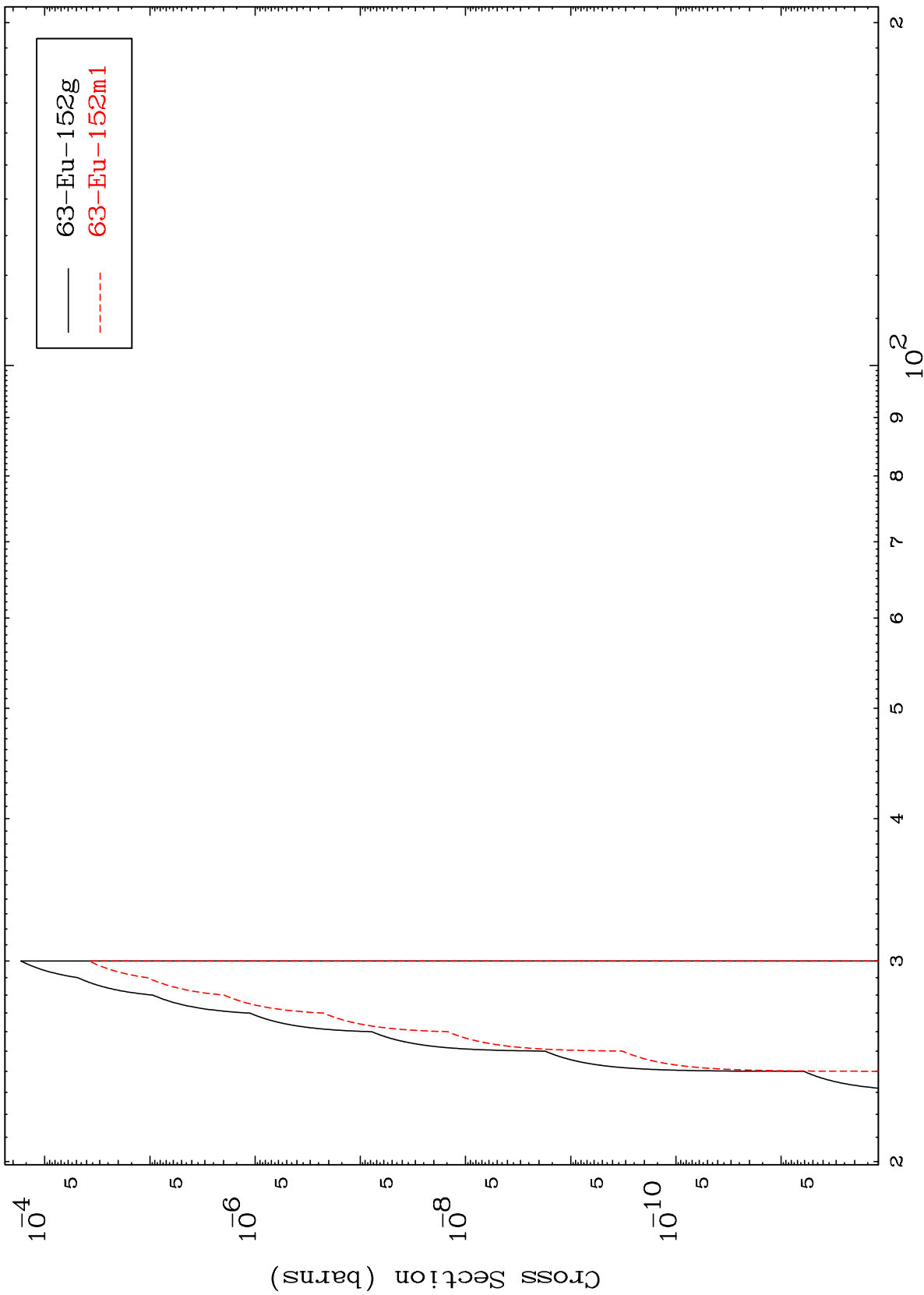


MAT 6434

(n,2n) d

64-Gd-155

Radionuclide Production Cross Section

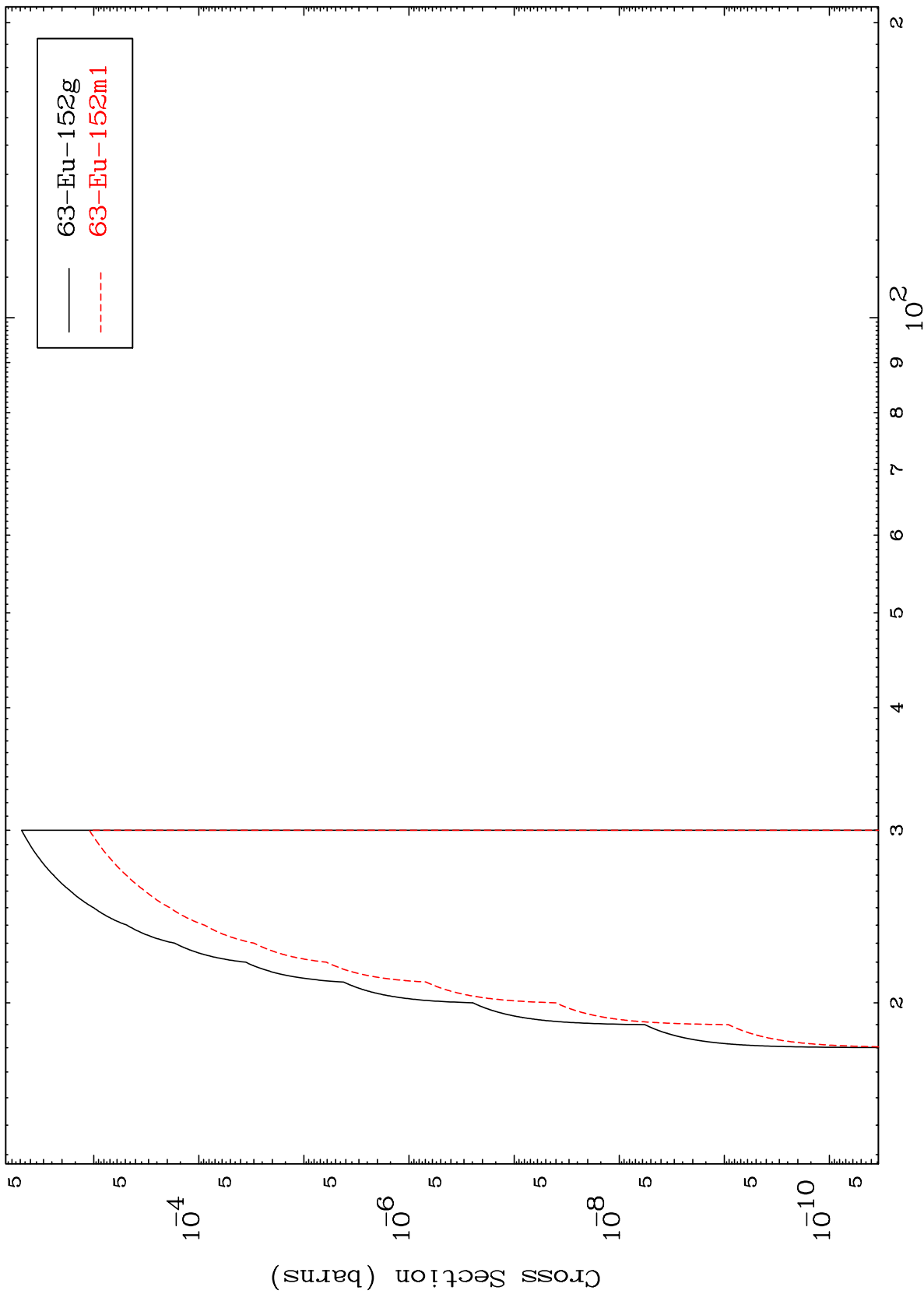


116

Incident Energy (MeV)

64-Gd-155

Radionuclide Production Cross Section

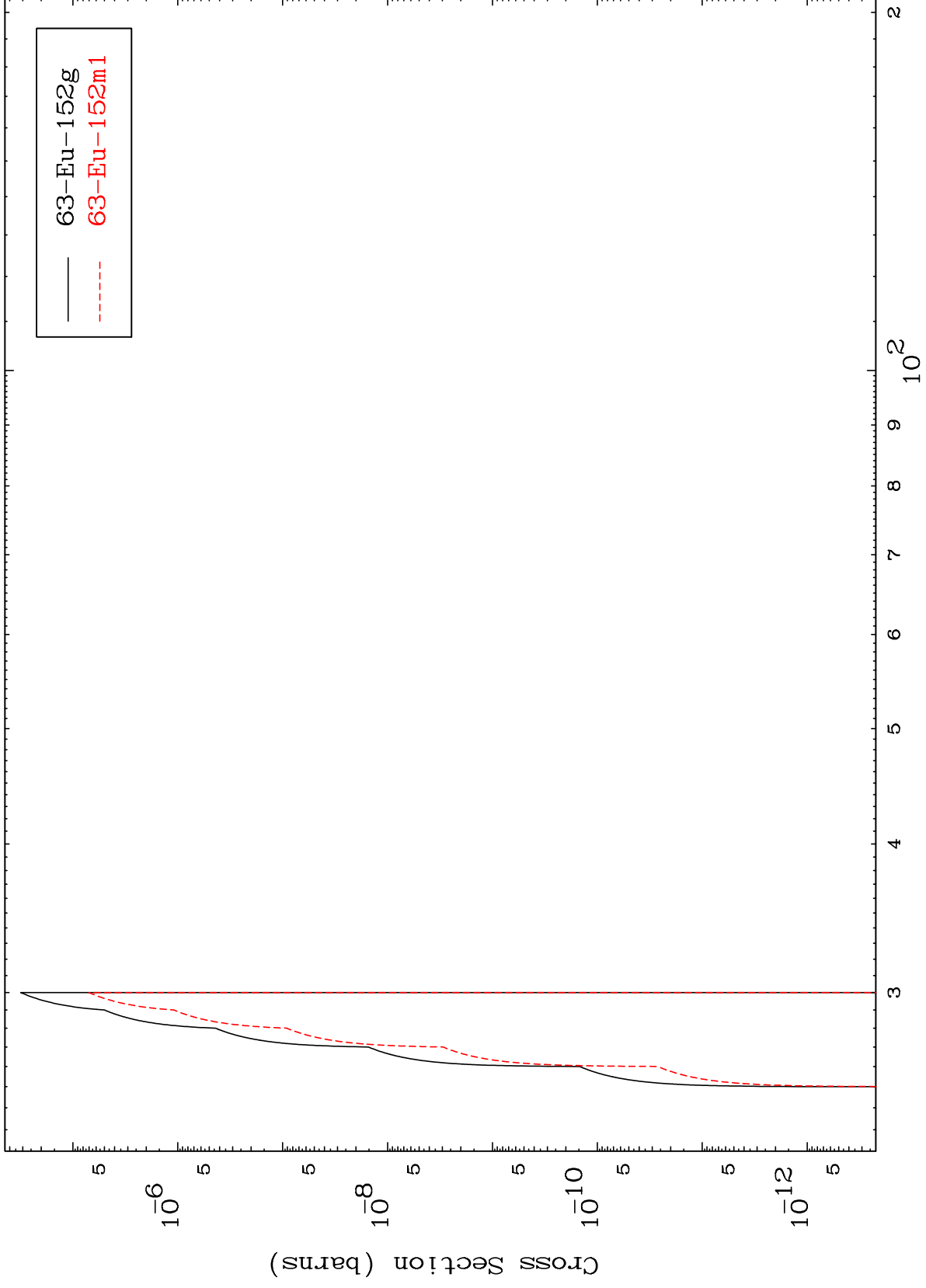


MAT 6434

(n,3n) p

64-Gd-155

Radionuclide Production Cross Section



118

Incident Energy (MeV)

64-Gd-155