

Program EVALPLOT  
(Version 2021-1)

by

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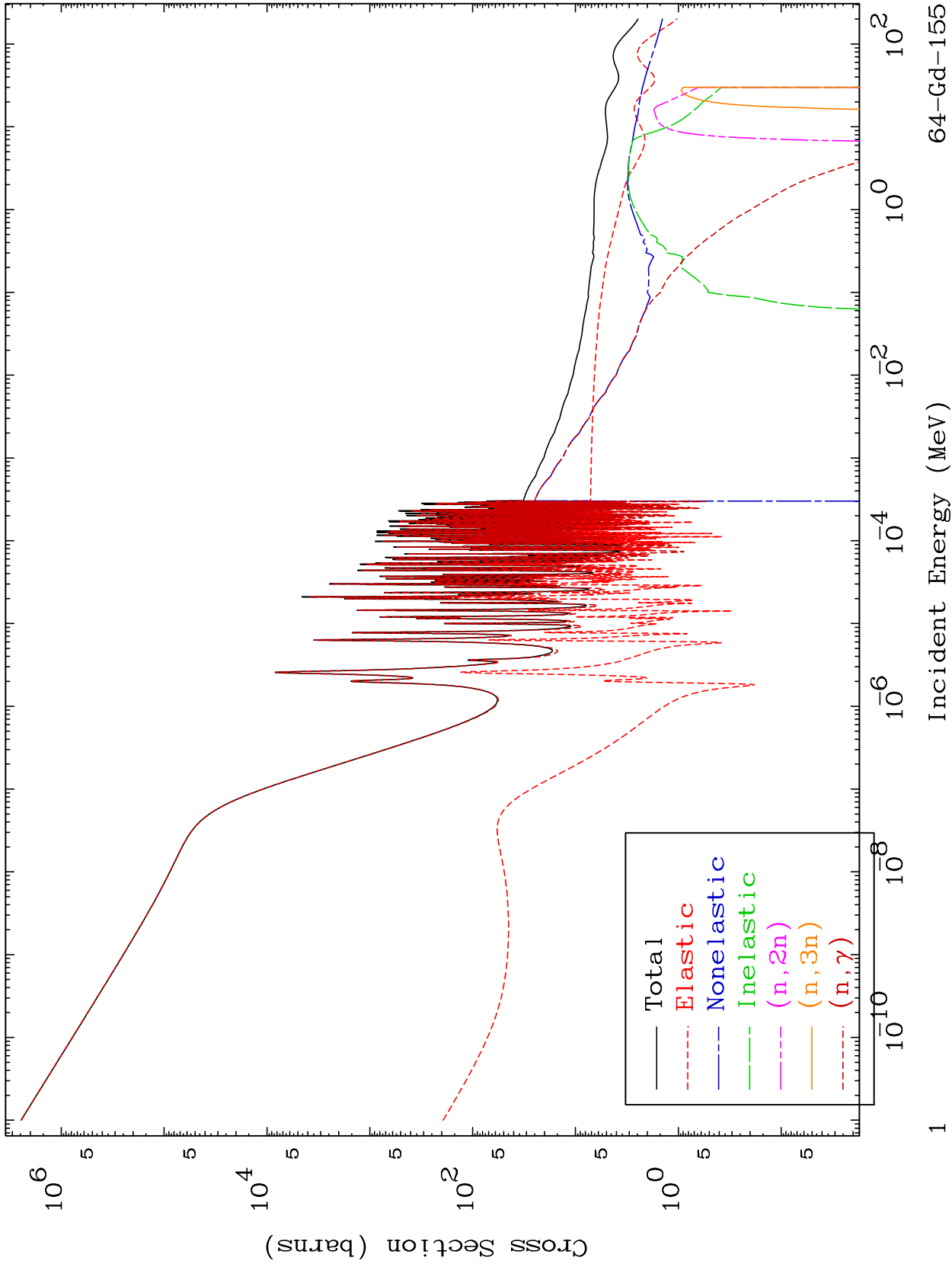
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Press Mouse Button to Start

MAT 6434

Neutron Major  
293 Kelvin Cross Sections

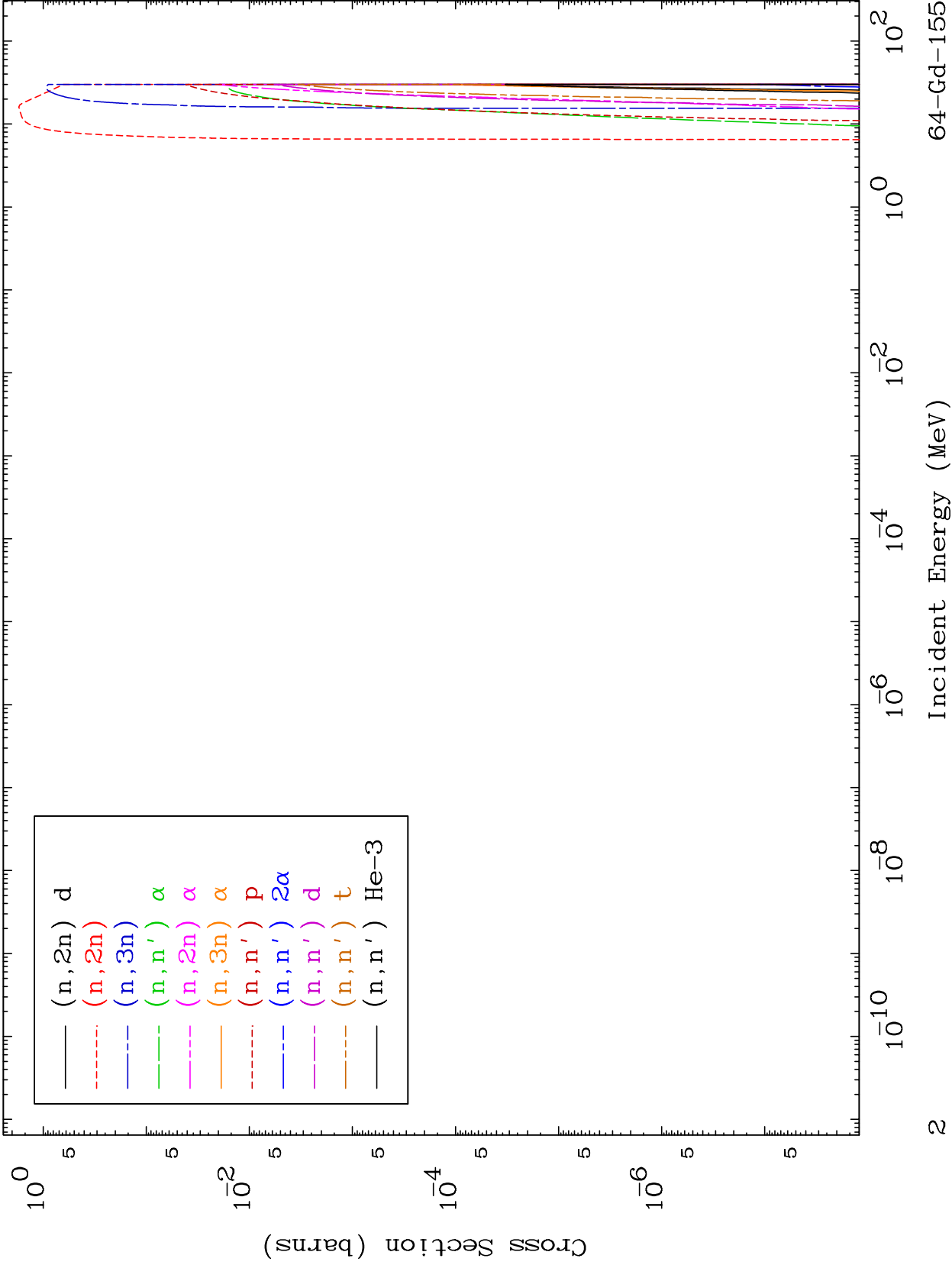
64-Gd-155



MAT 6434

Neutron Absorption  
293 Kelvin Cross Sections

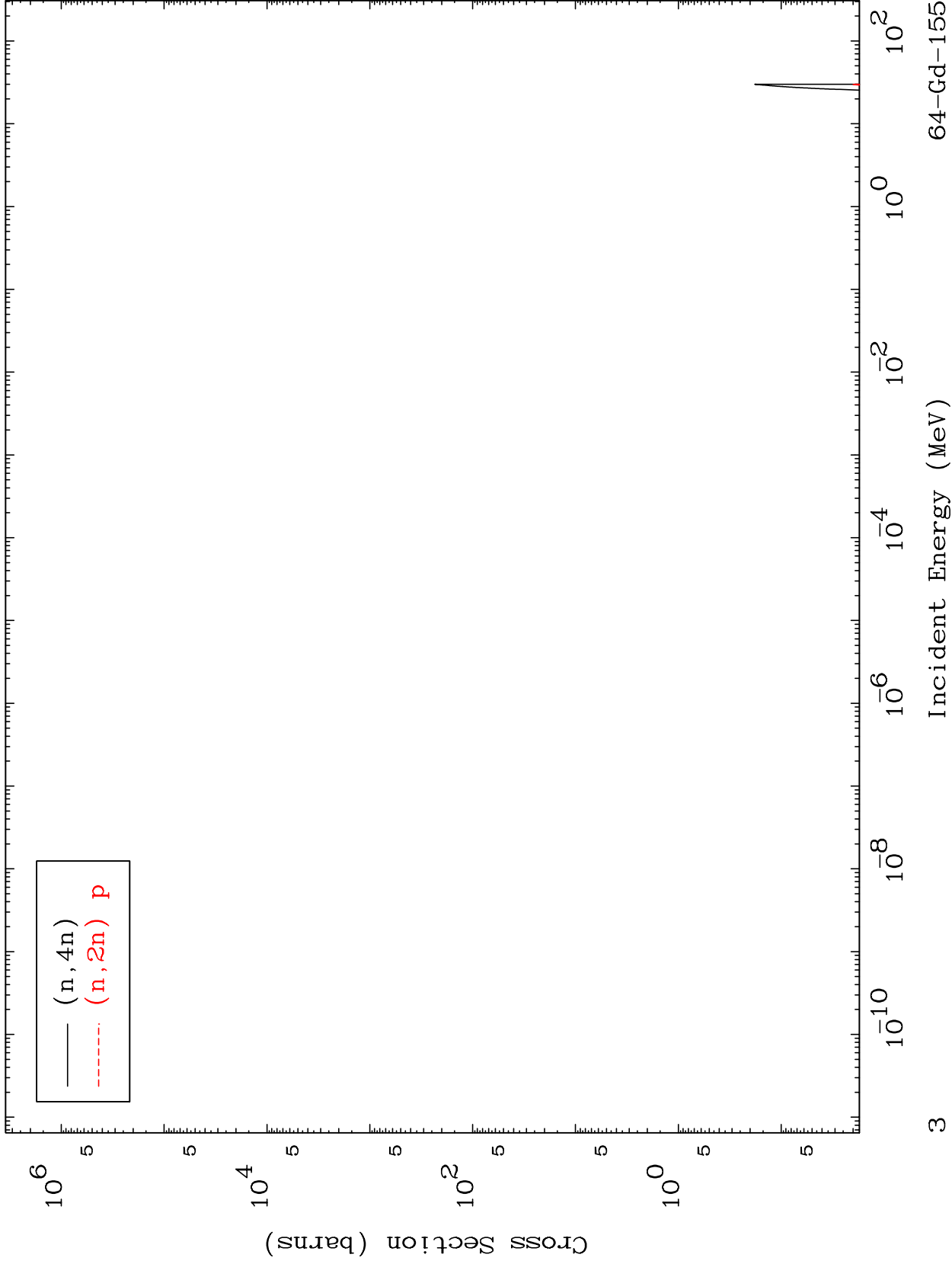
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MAT 6434

Neutron Absorption  
293 Kelvin Cross Sections

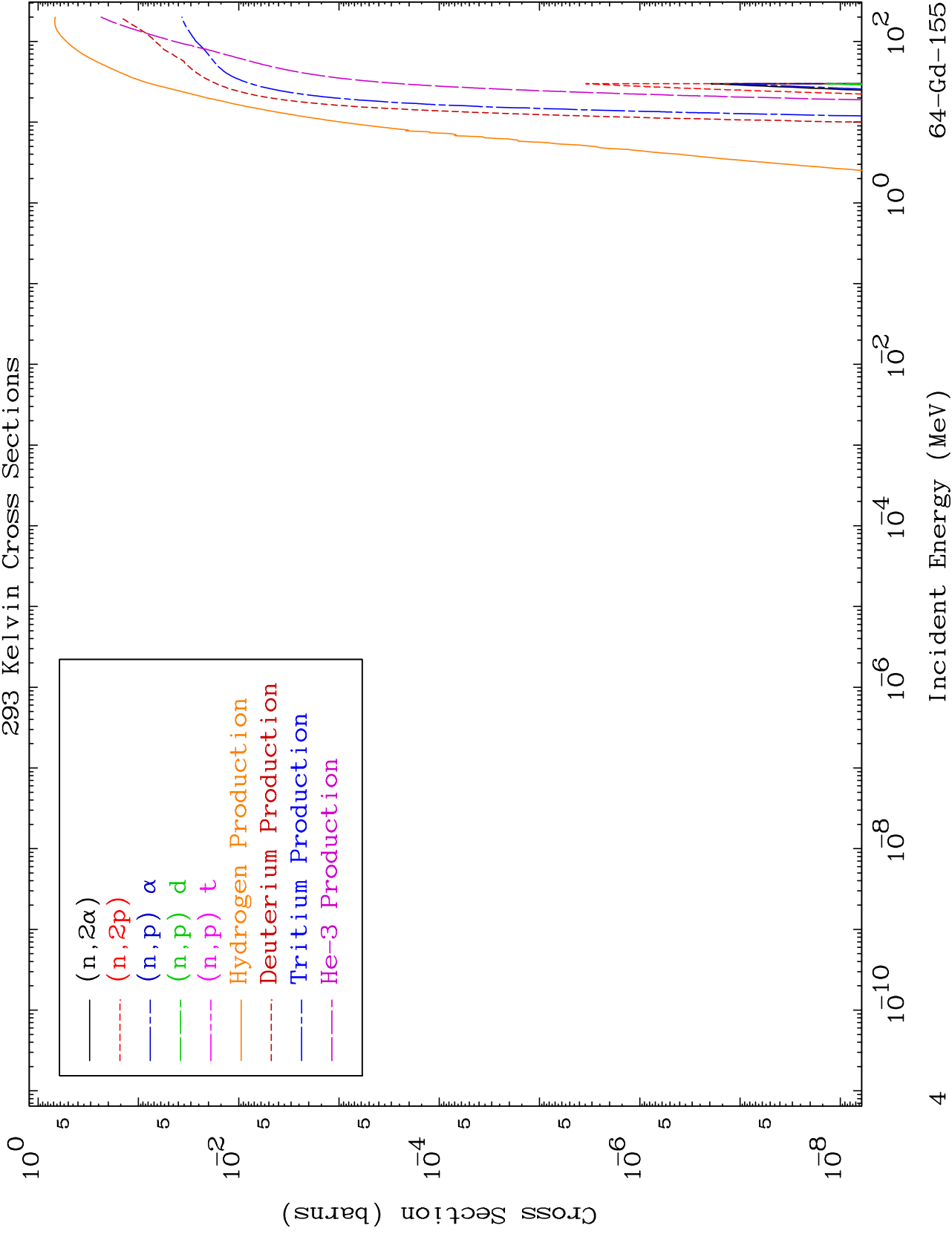
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MAT 6434

Neutron Absorption  
293 Kelvin Cross Sections

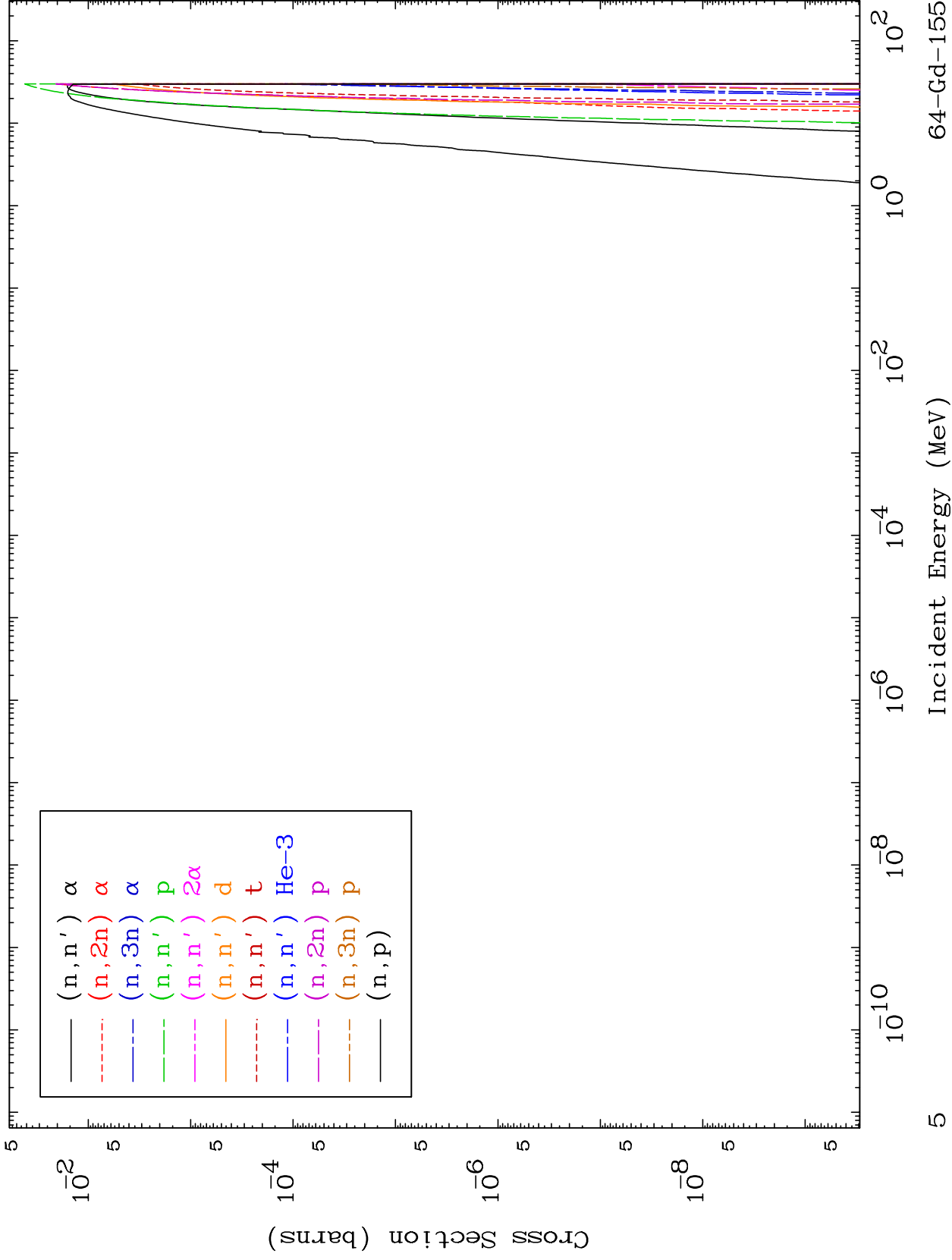
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MAT 6434

Charged Particle  
293 Kelvin Cross Sections

64-Gd-155



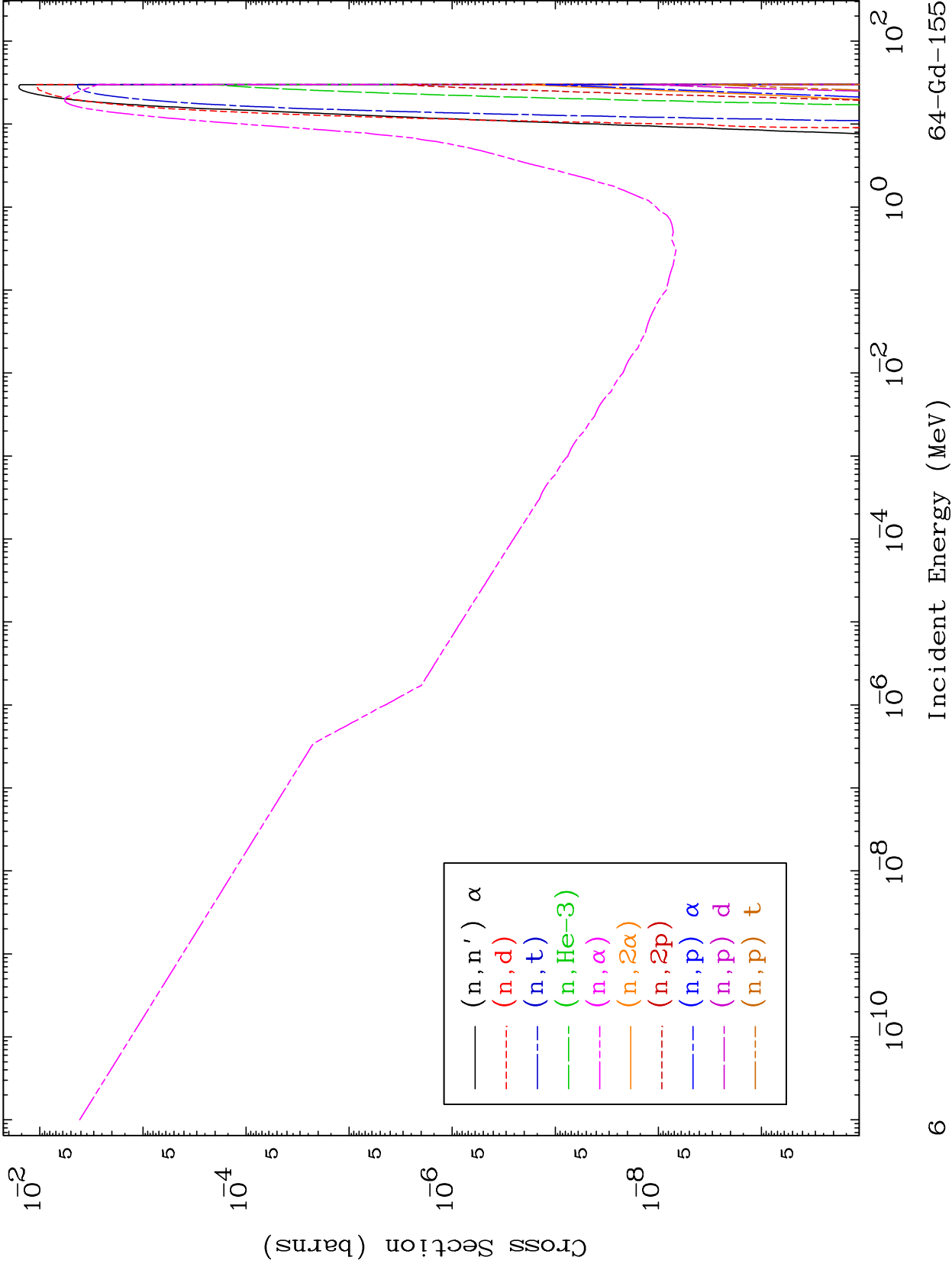
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64-Gd-155

MAT 6434

Charged Particle  
293 Kelvin Cross Sections

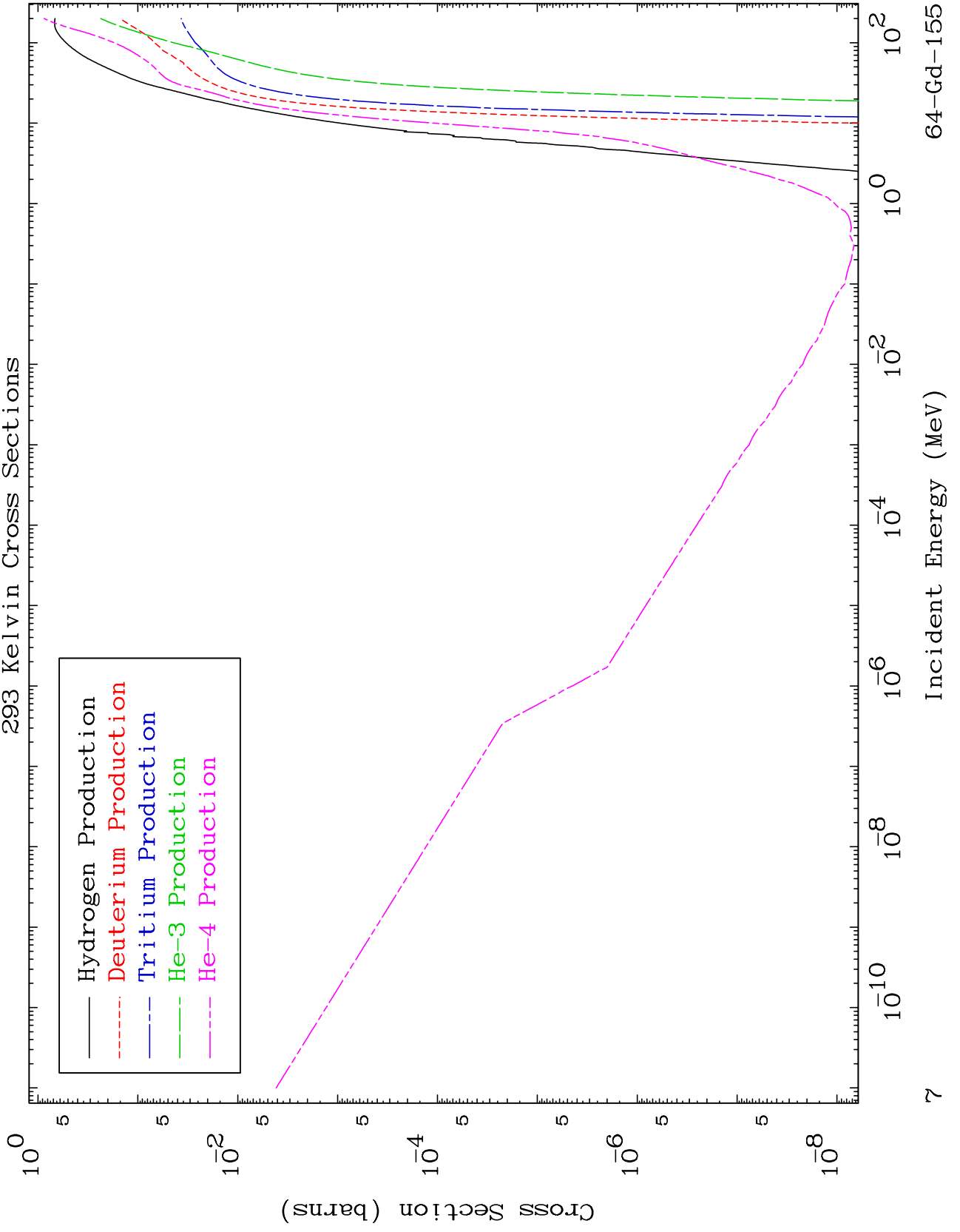
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MAT 6434

Particle Production  
293 Kelvin Cross Sections

64-Gd-155

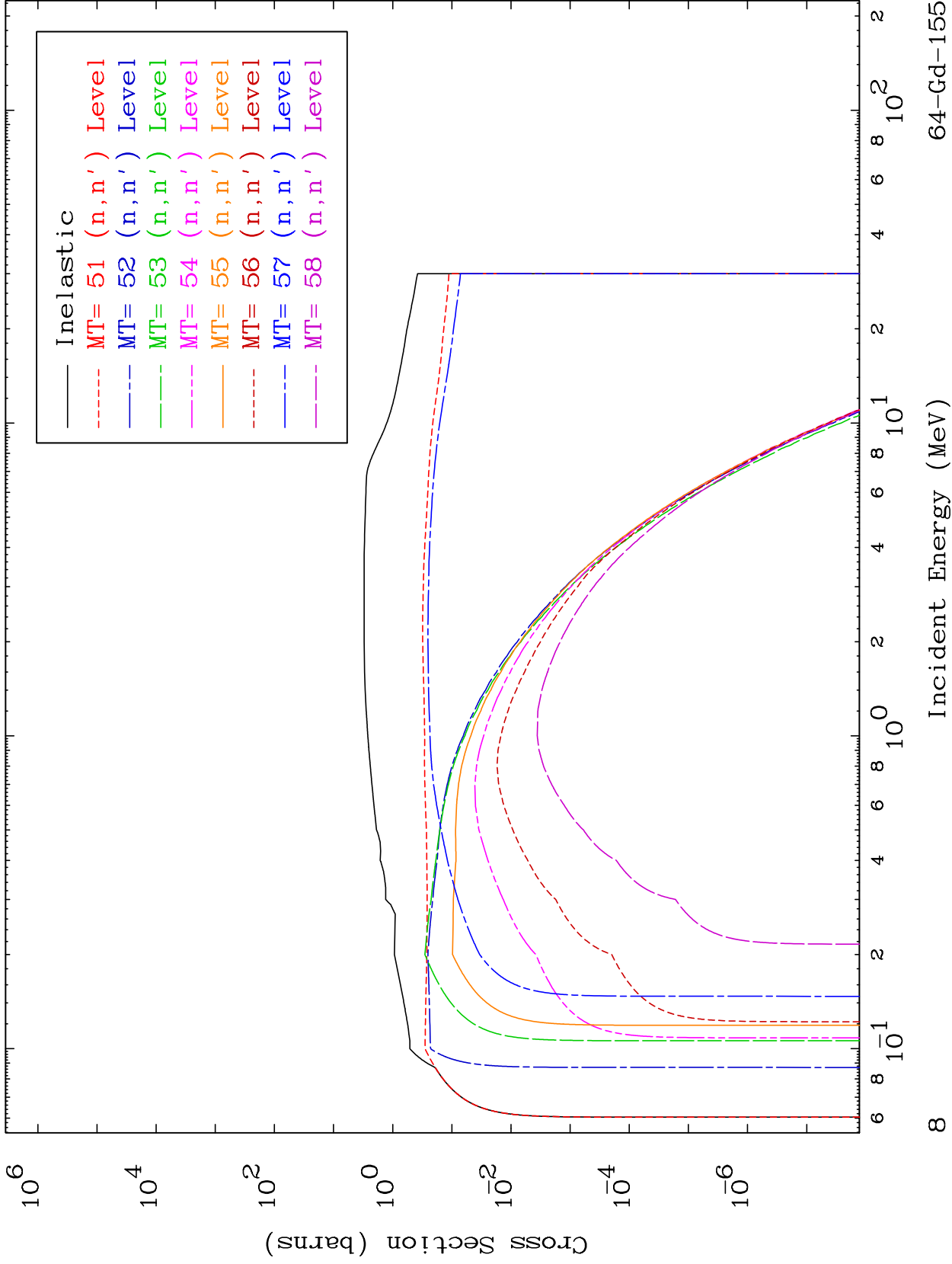


MAT 6434

(n,n') Levels

64-Gd-155

293 Kelvin Cross Sections

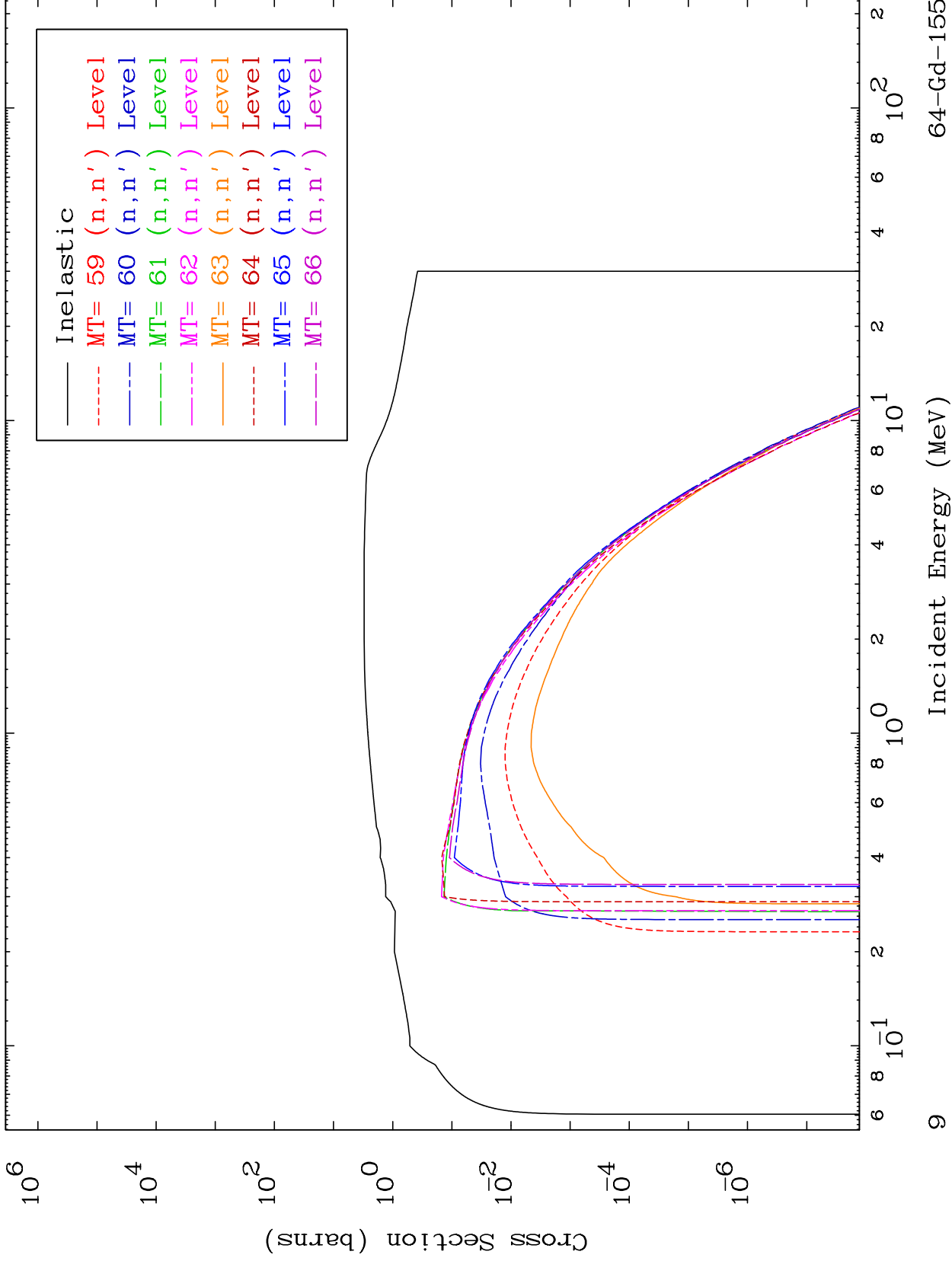


MAT 6434

(n,n') Levels

64-Gd-155

293 Kelvin Cross Sections

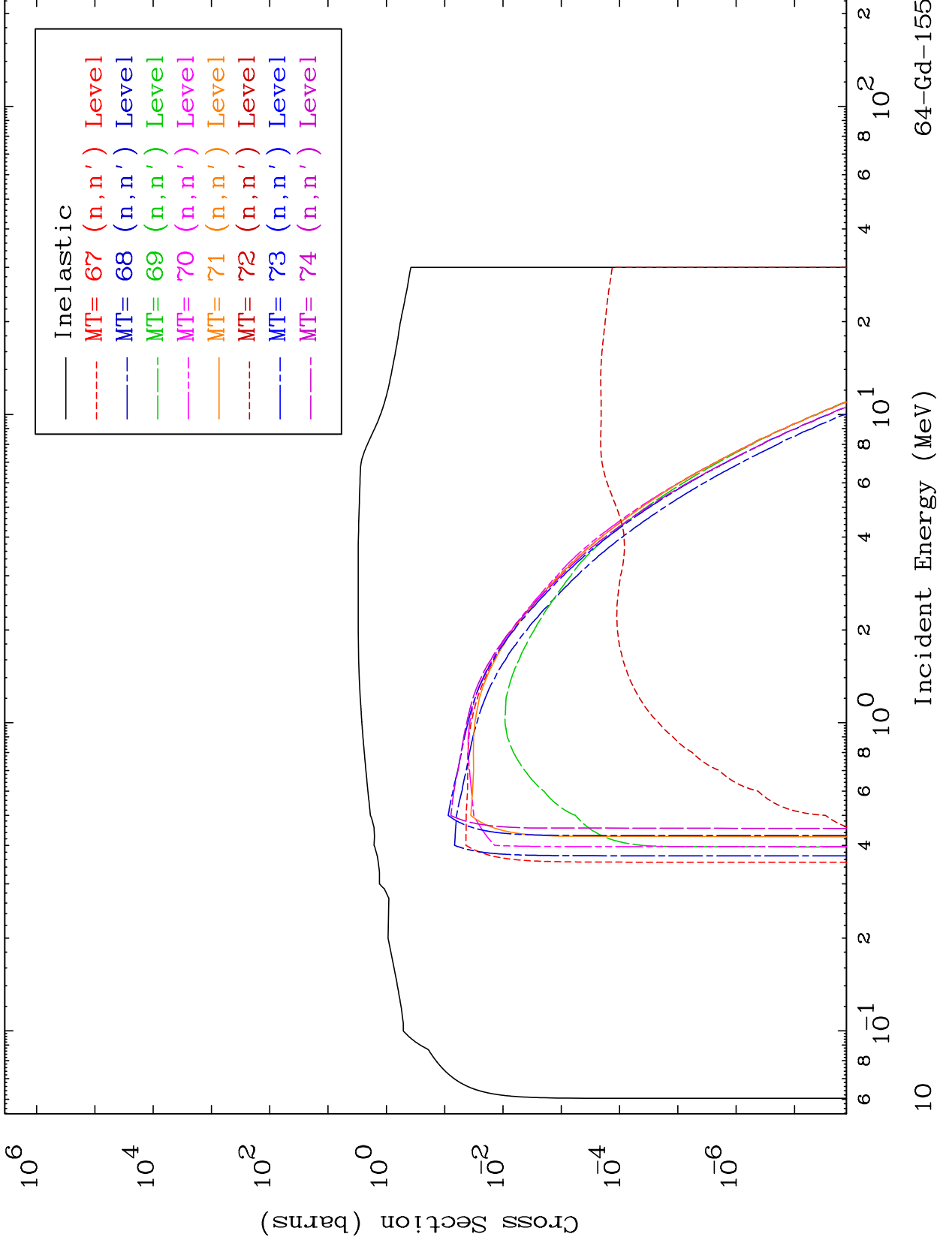


MAT 6434

(n,n') Levels

64-Gd-155

293 Kelvin Cross Sections



10

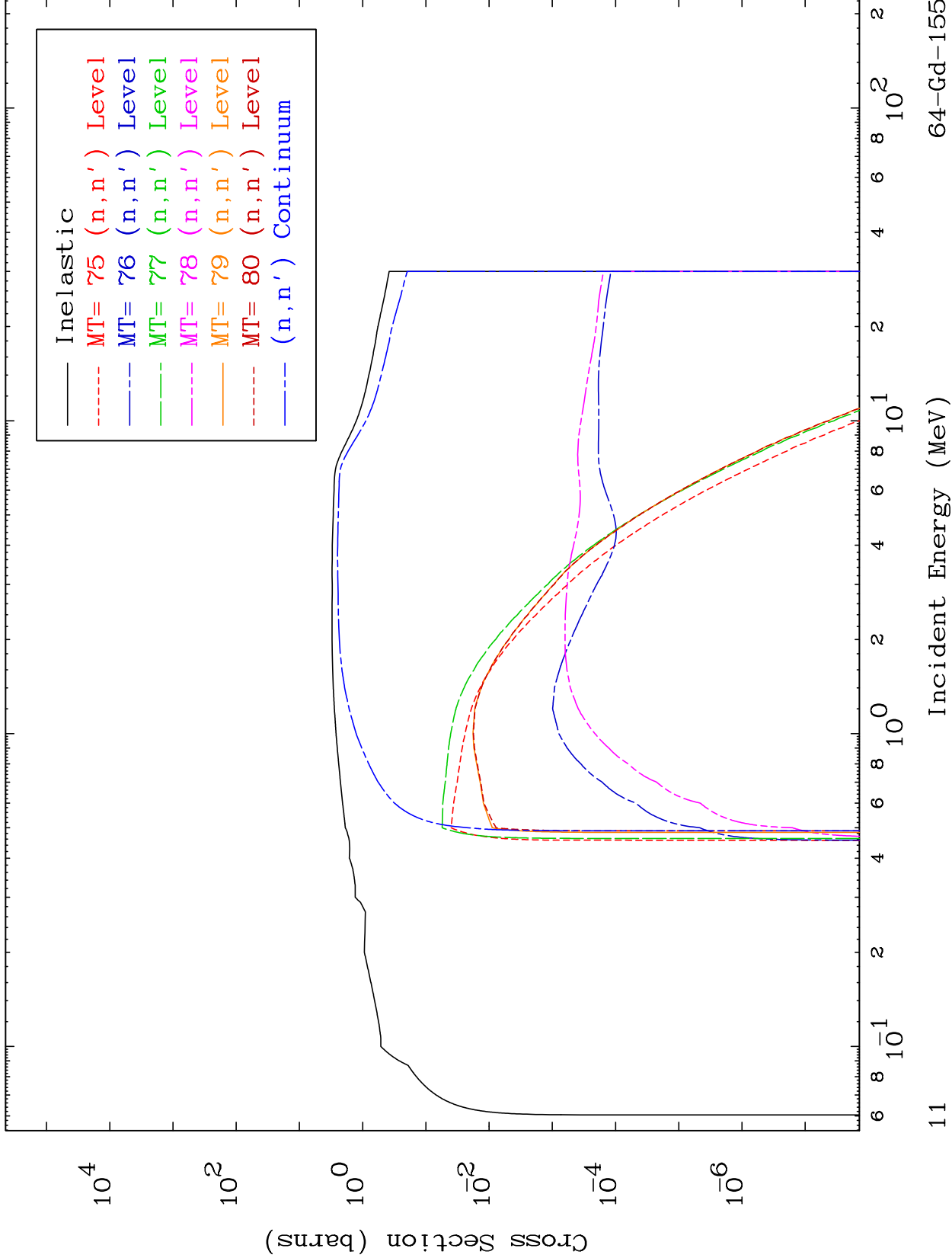
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,n') Levels  
293 Kelvin Cross Sections

64-Gd-155



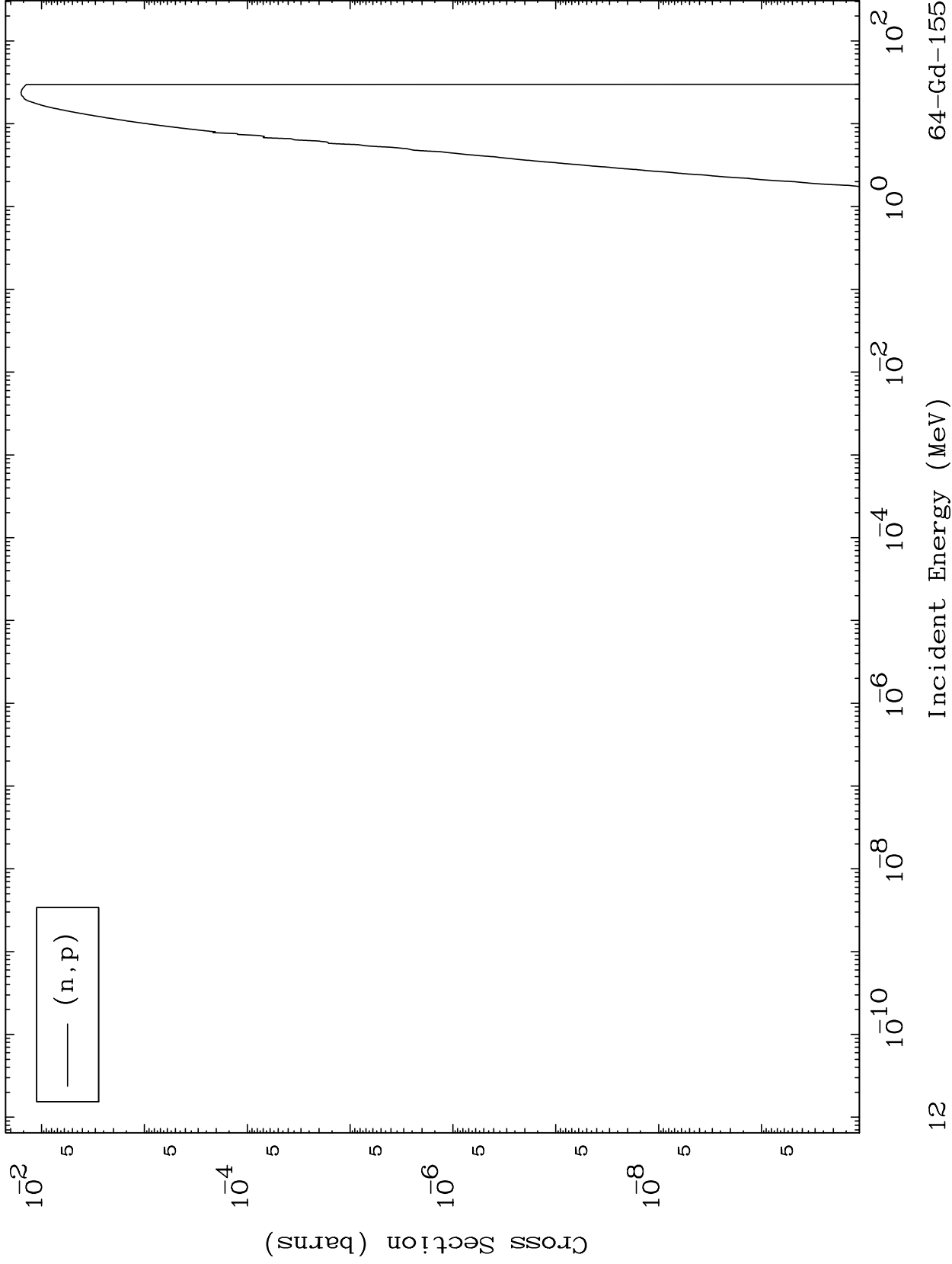
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64-Gd-155

MAT 6434

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-155



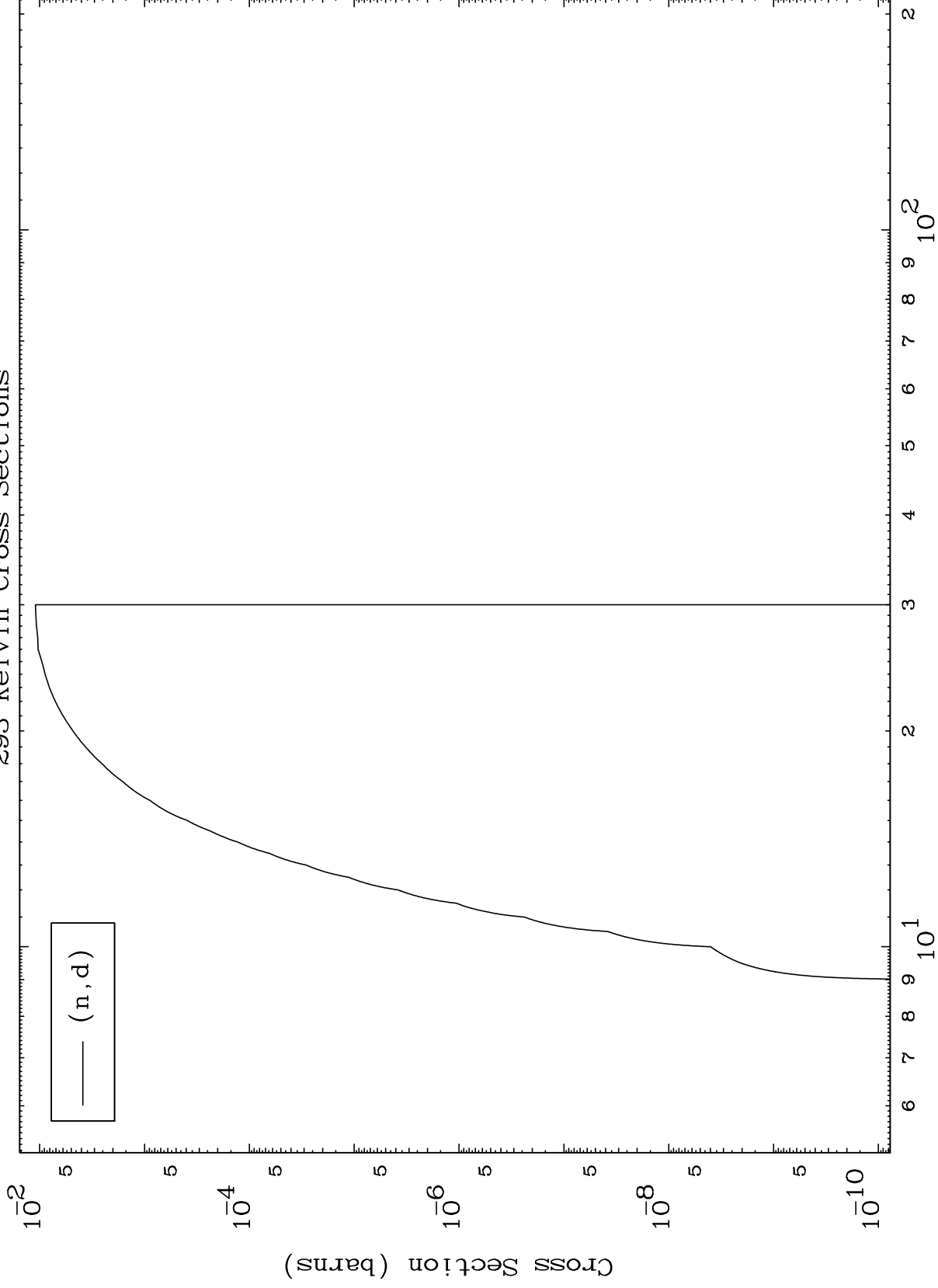
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64-Gd-155

MAT 6434

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-155



13

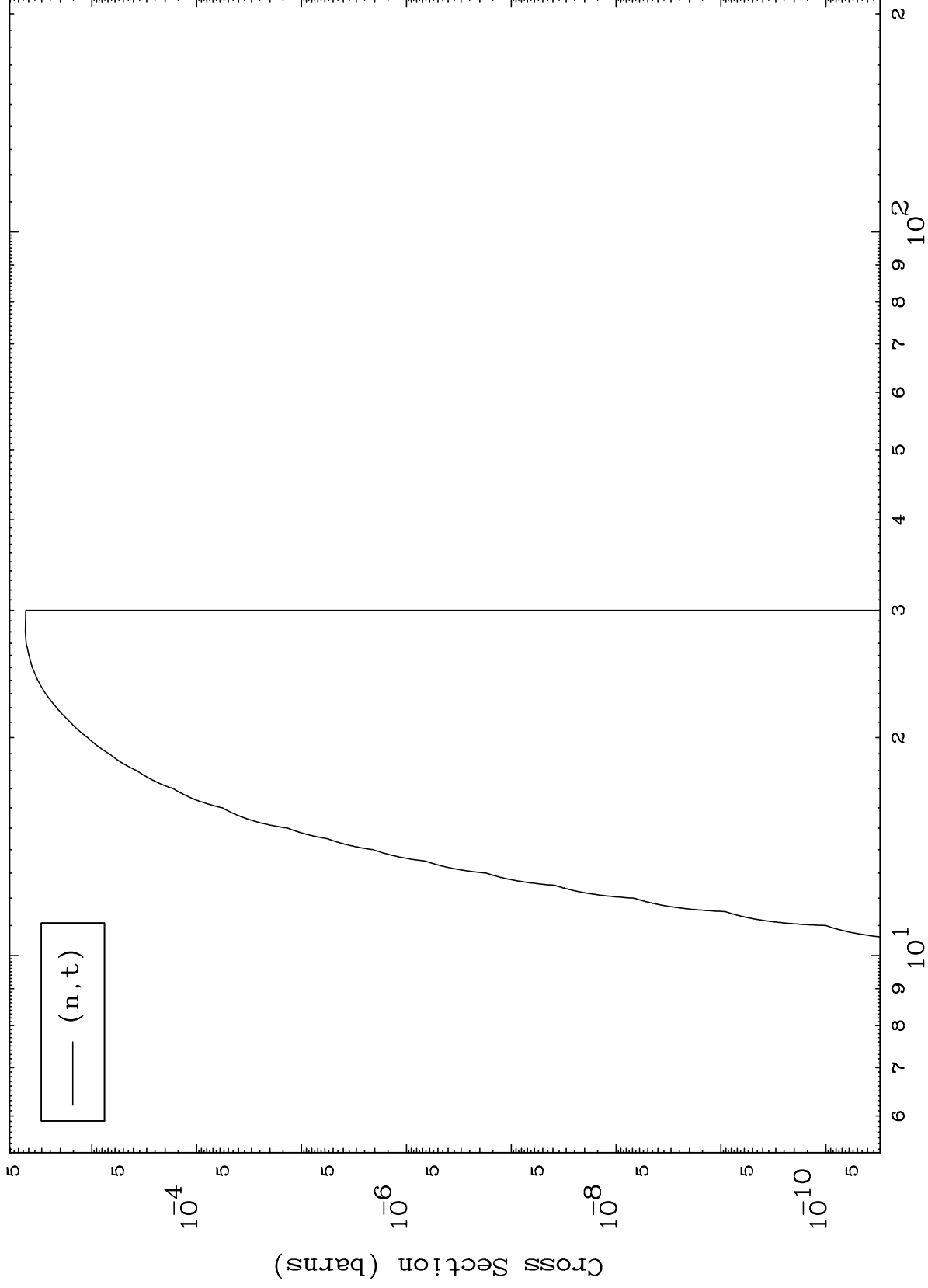
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-155



14

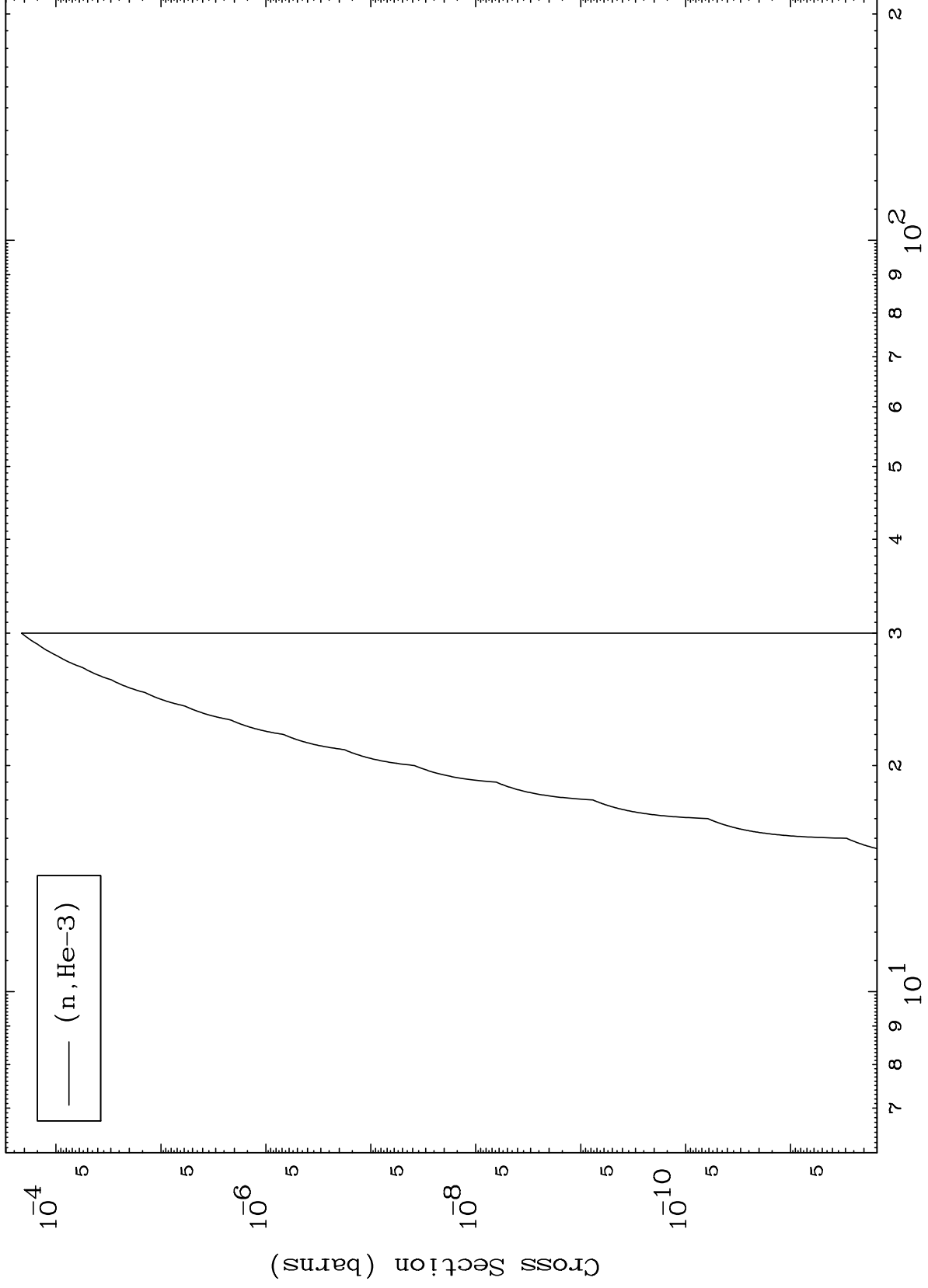
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-155



15

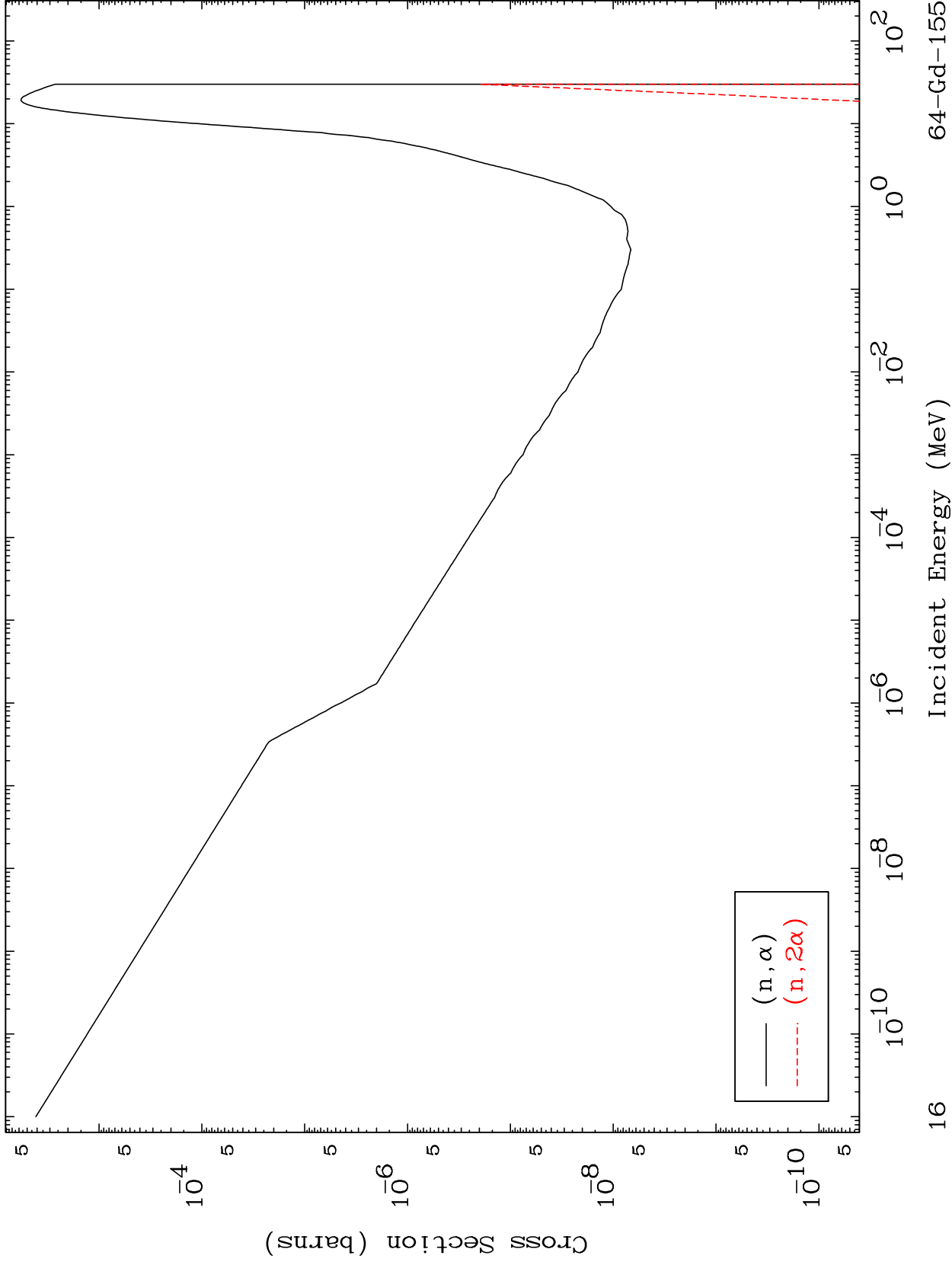
Incident Energy (MeV)

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MAT 6434

(n,α) Levels  
293 Kelvin Cross Sections

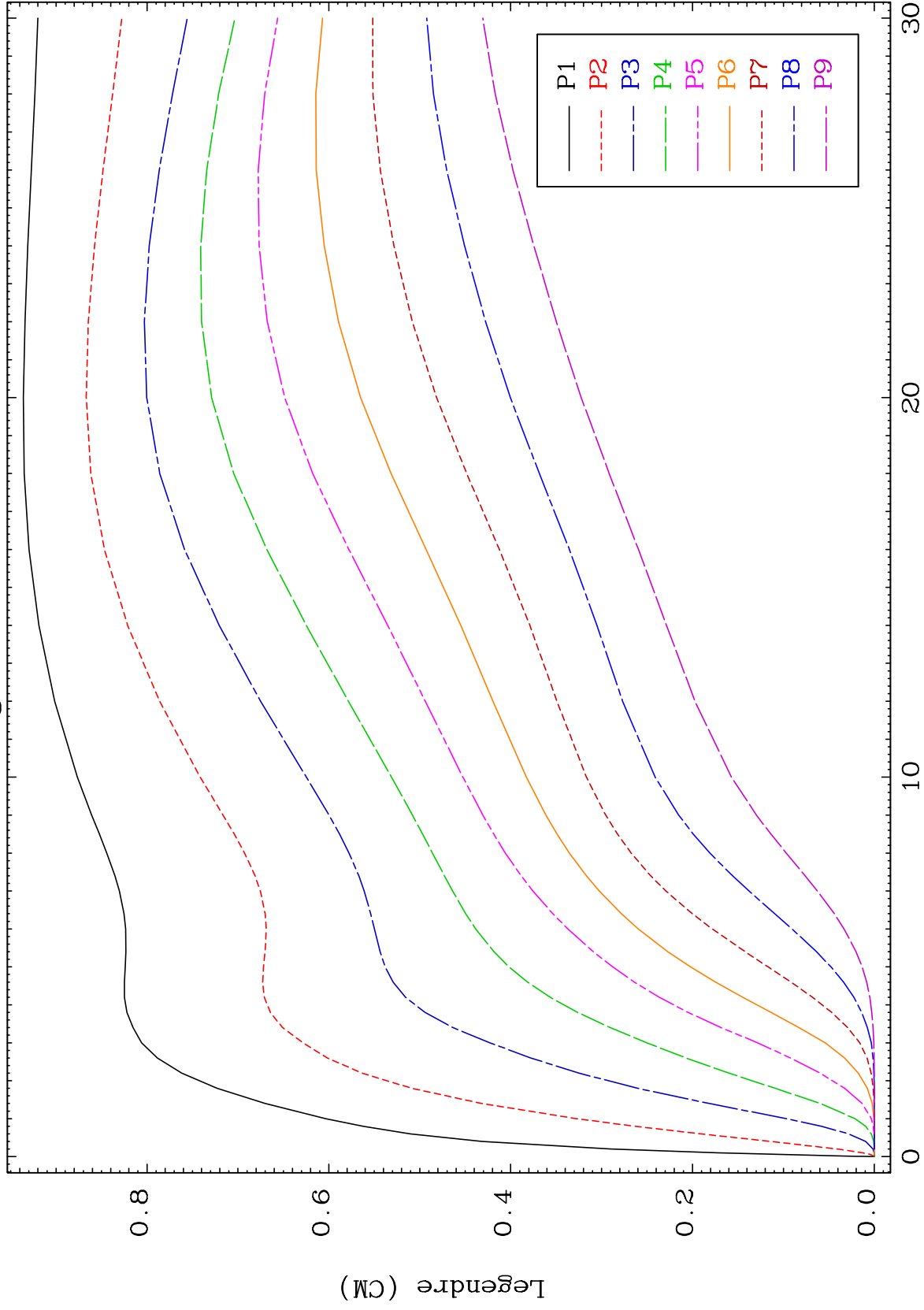
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MAT 6434

Elastic Legendre Coefficients

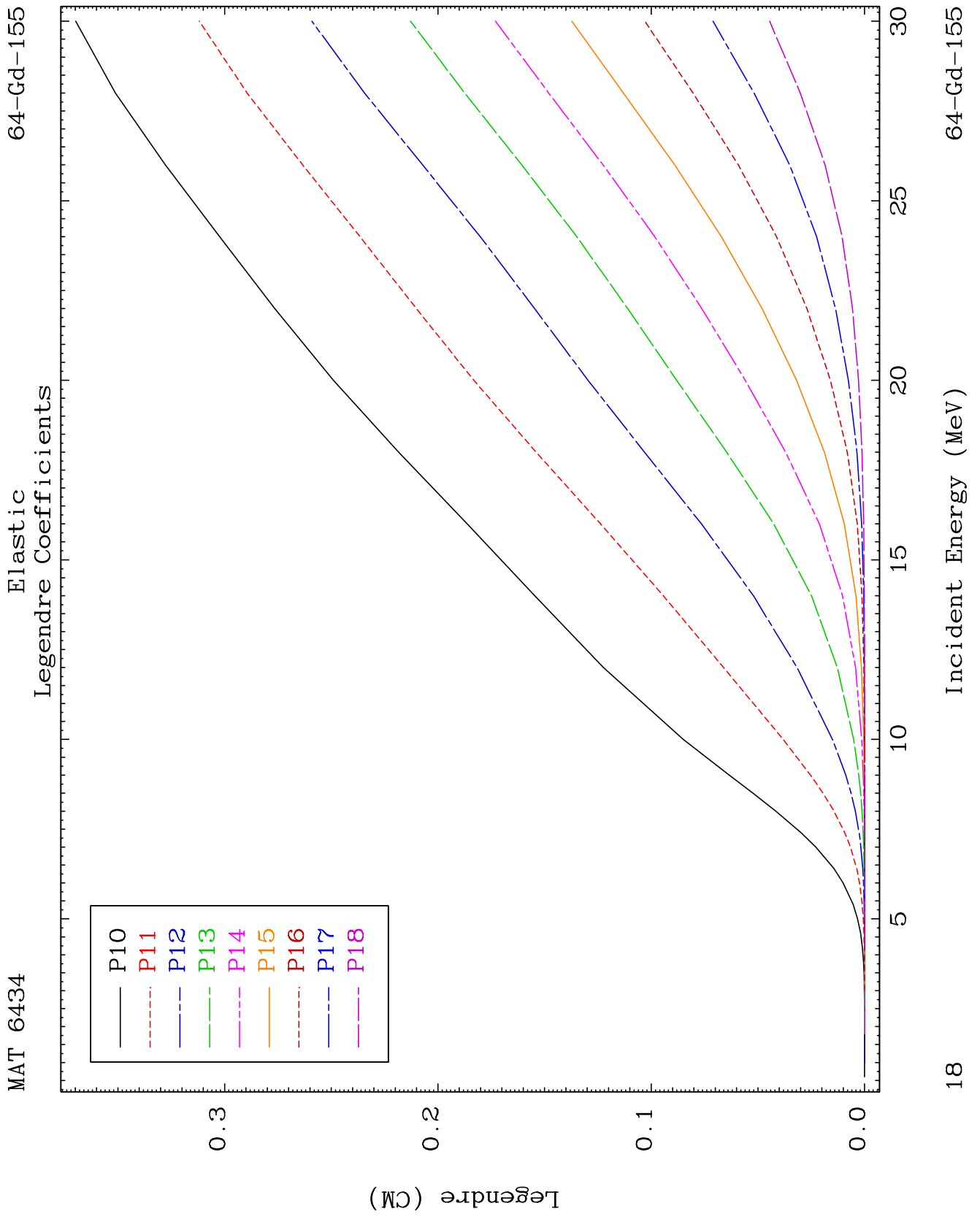
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17

Incident Energy (MeV)

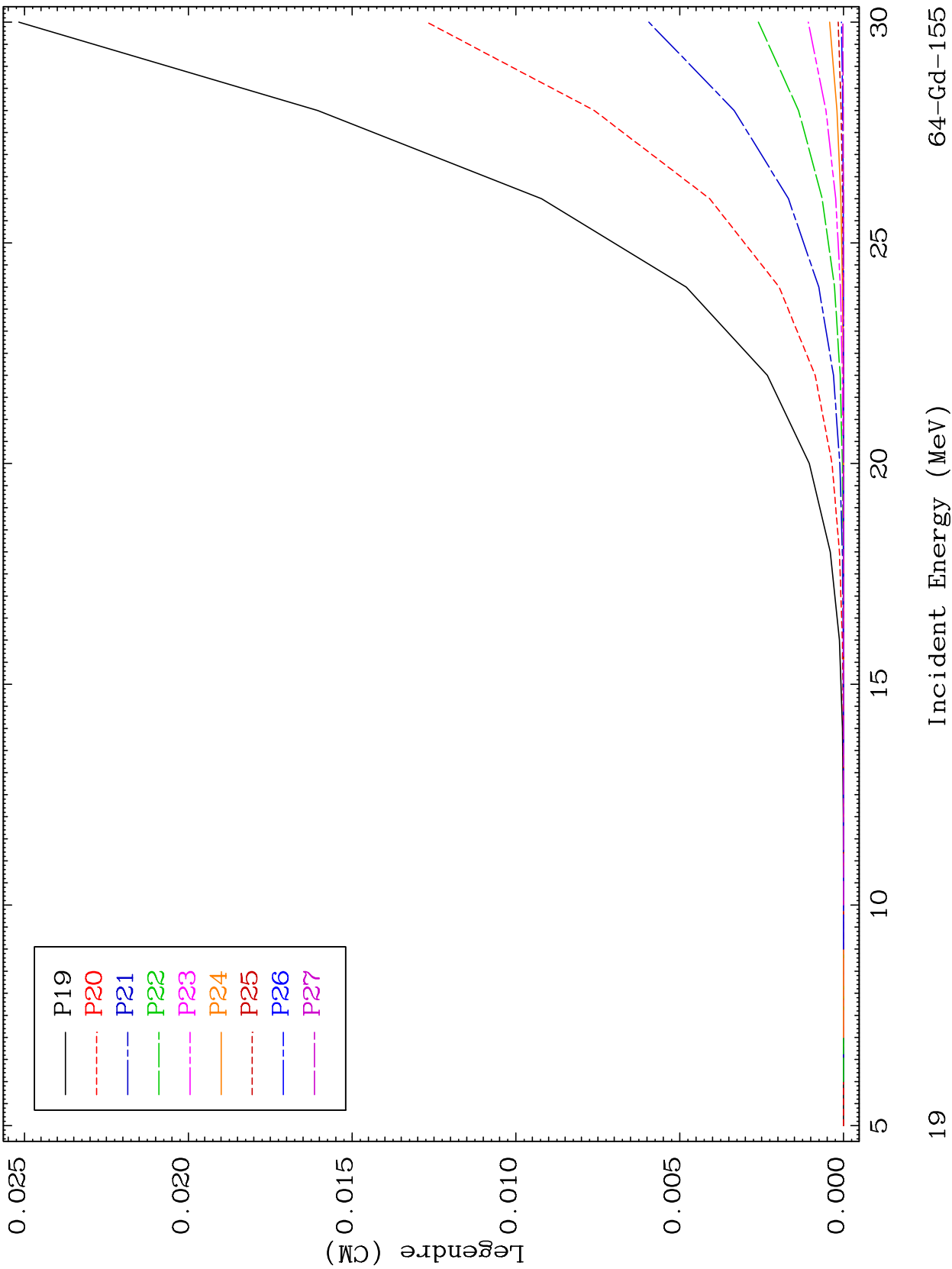
64-Gd-155



MAT 6434

Elastic Legendre Coefficients

64-Gd-155



19

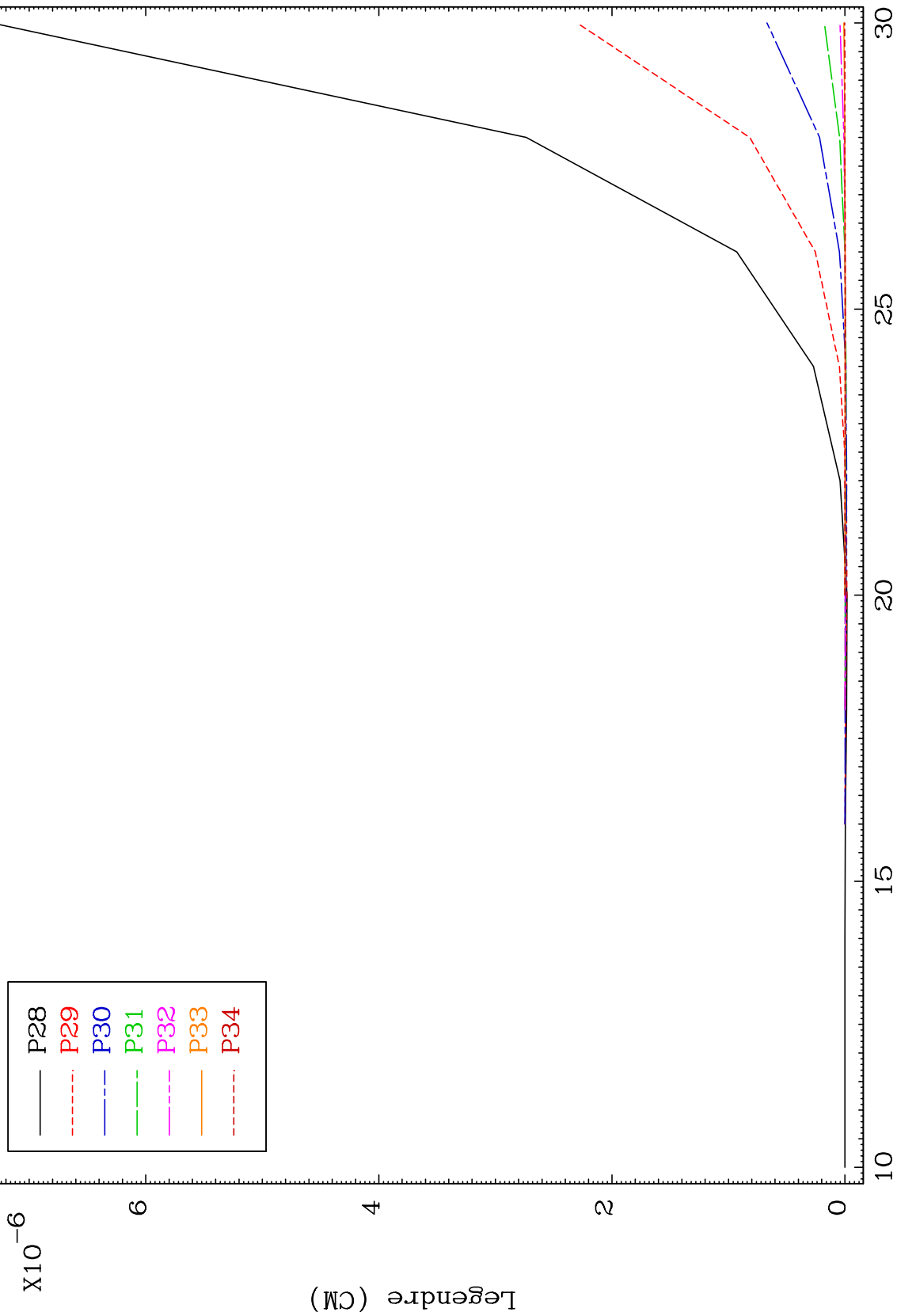
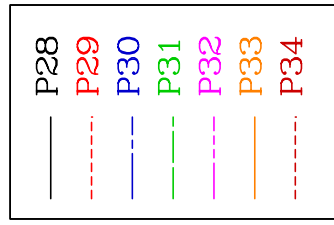
Incident Energy (MeV)

64-Gd-155

MAT 6434

Elastic Legendre Coefficients

64-Gd-155



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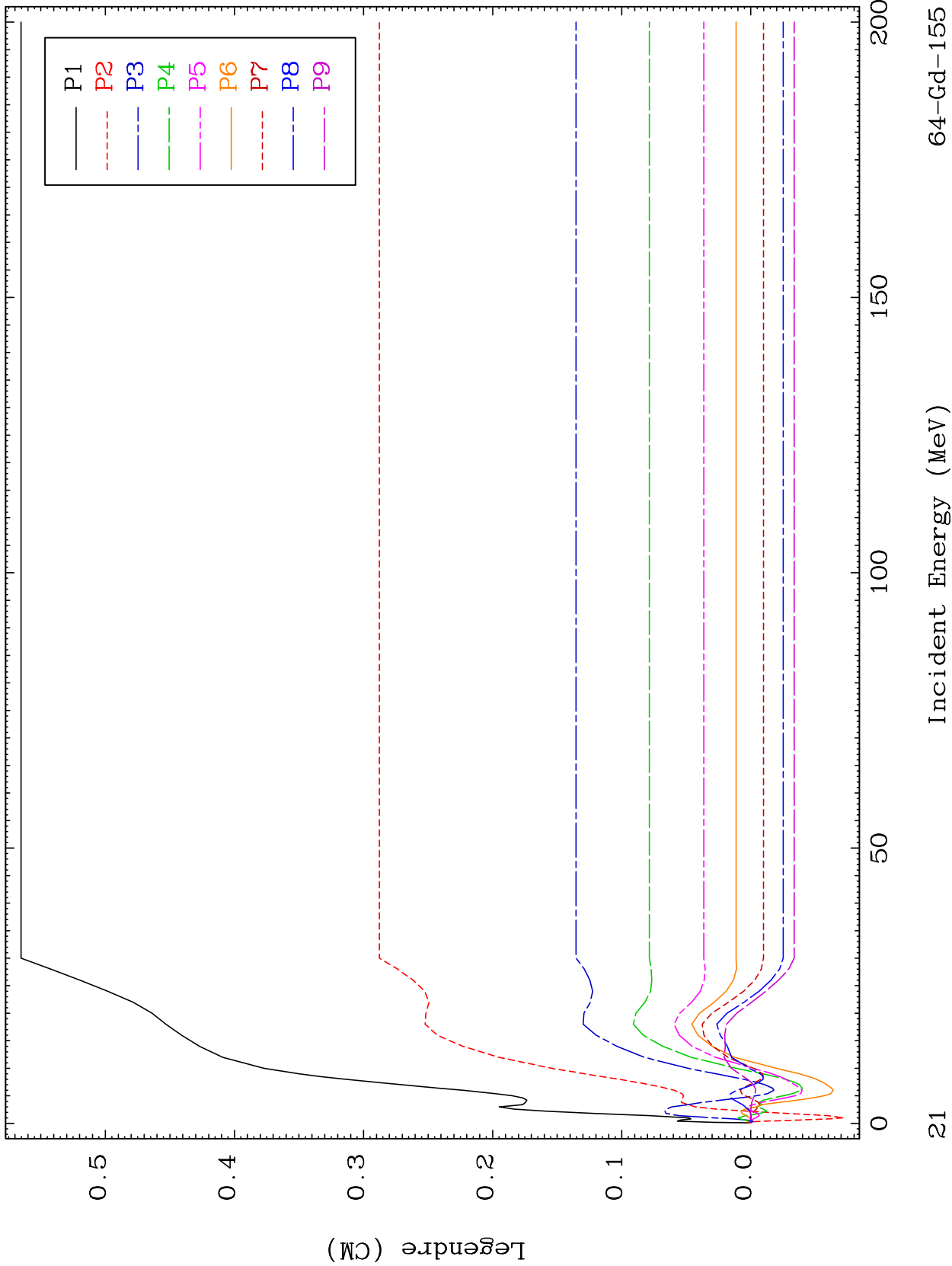
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



64-Gd-155

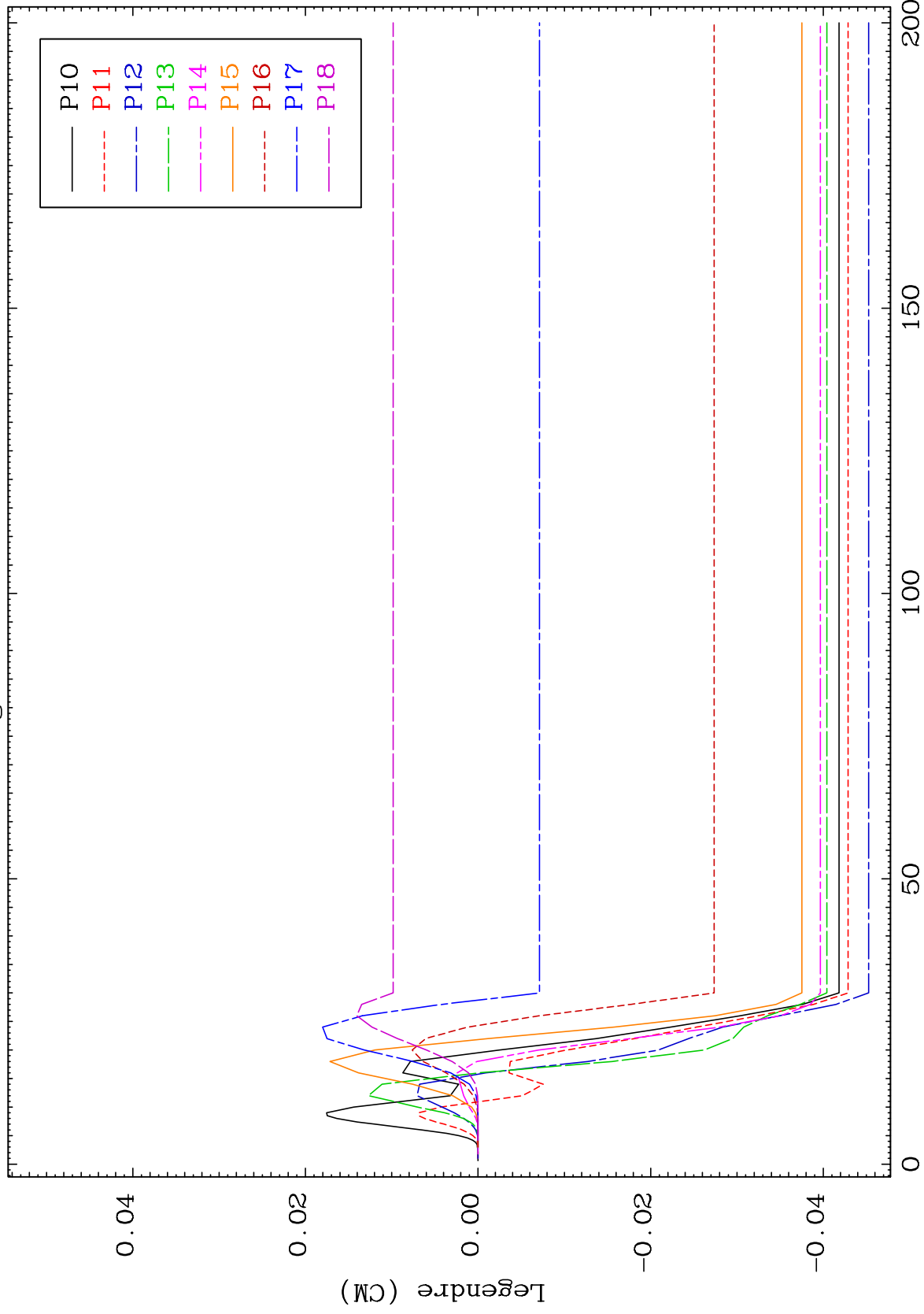
Incident Energy (MeV)

21

MAT 6434

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

64-Gd-155



22

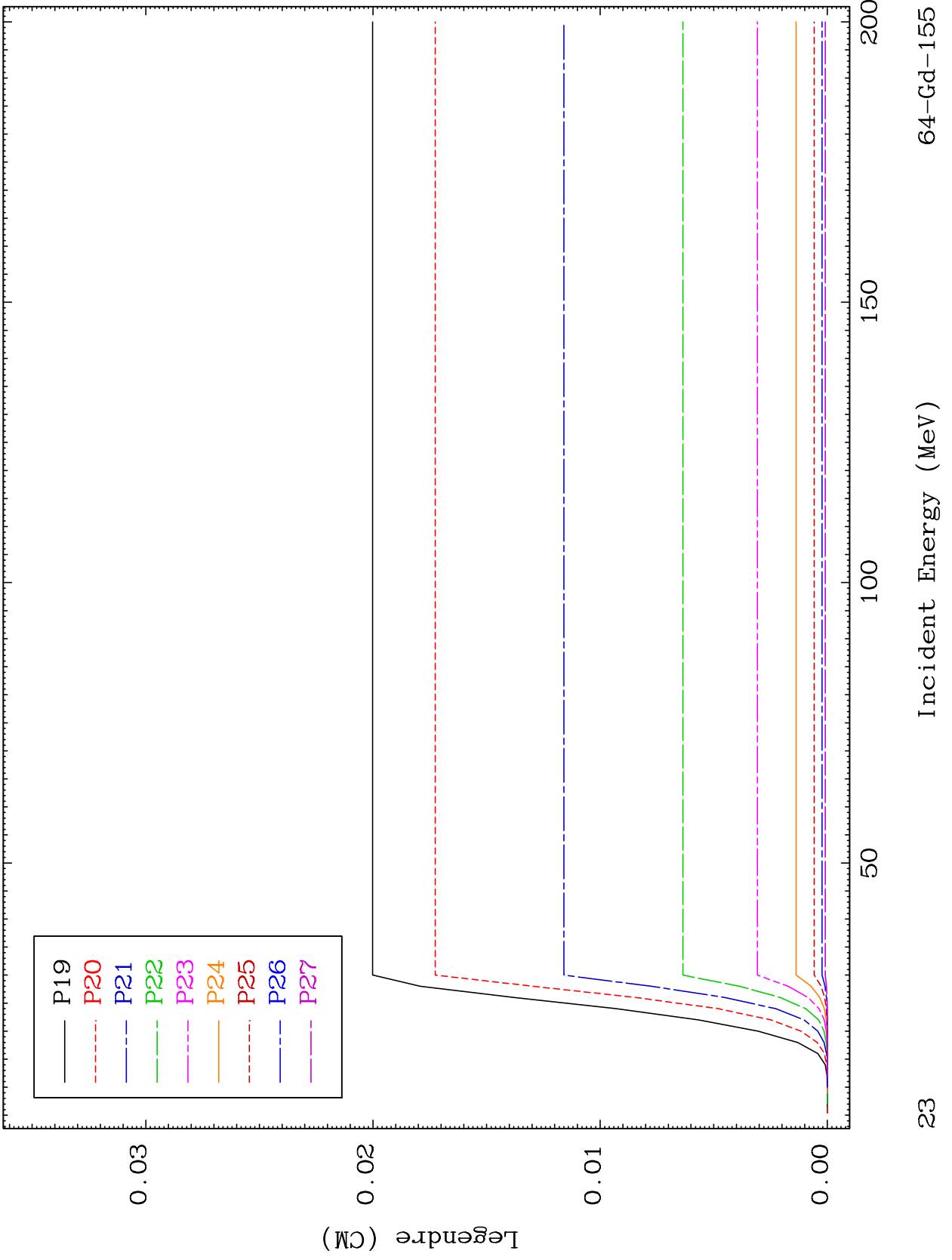
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

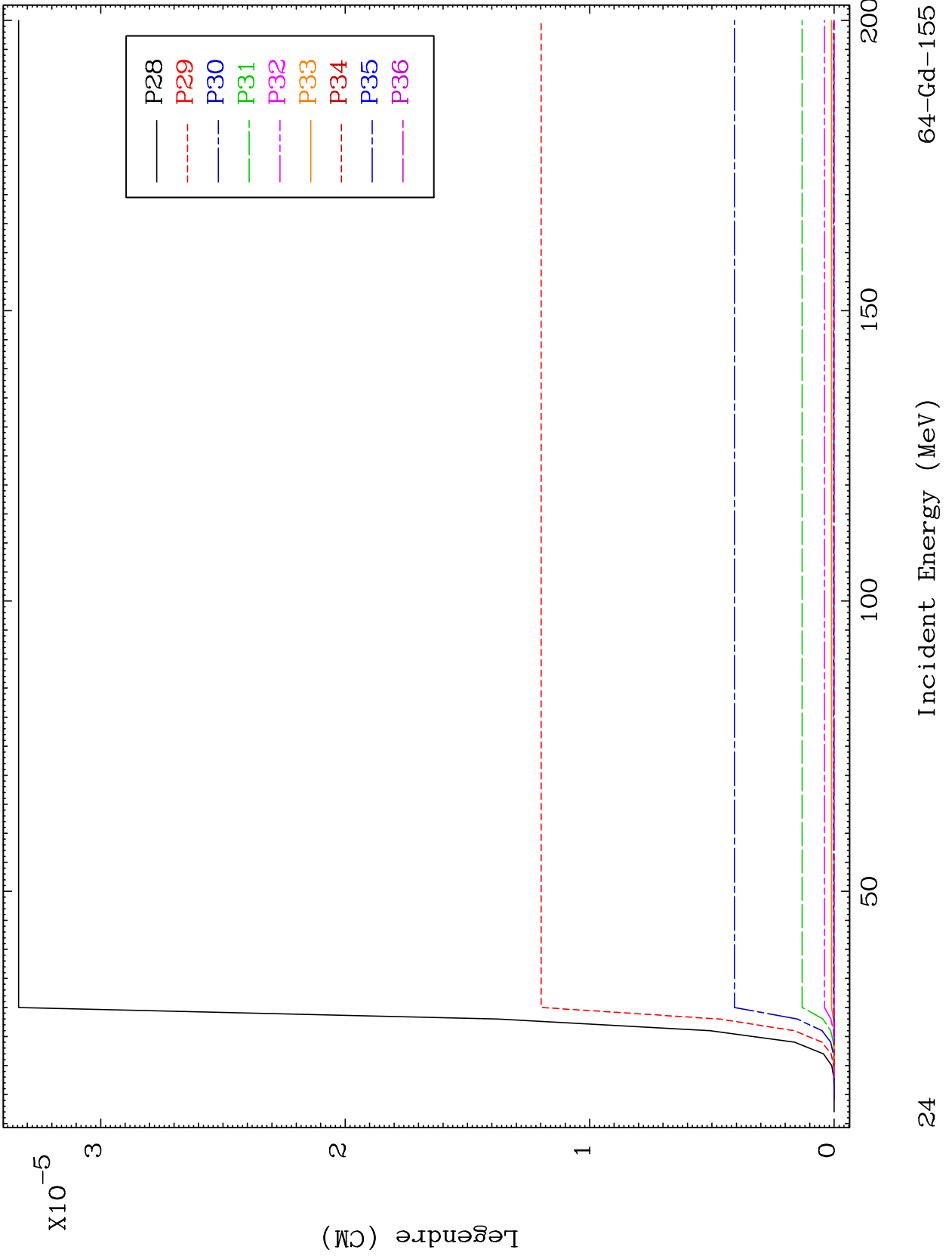
64-Gd-155



MAT 6434

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

64-Gd-155

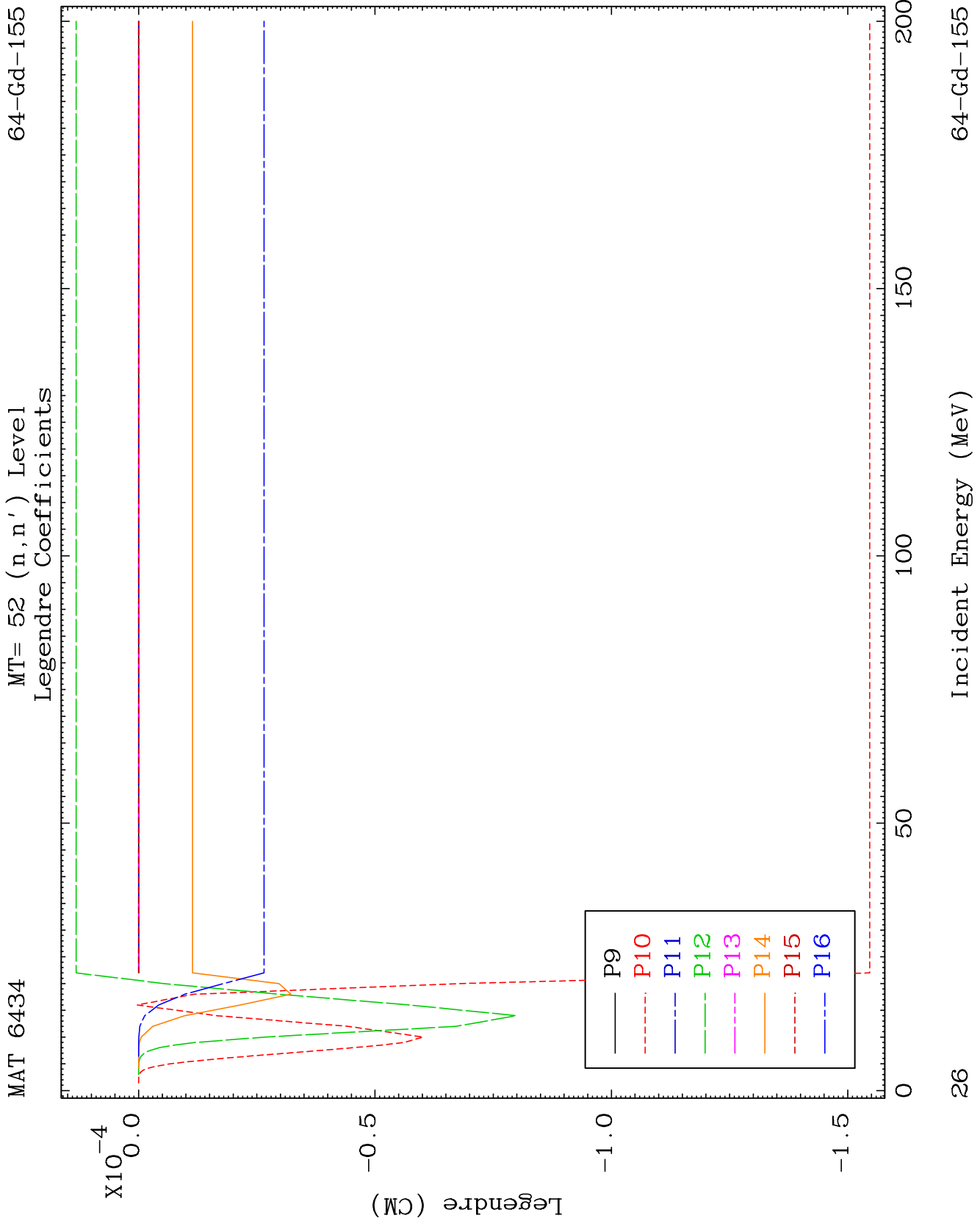


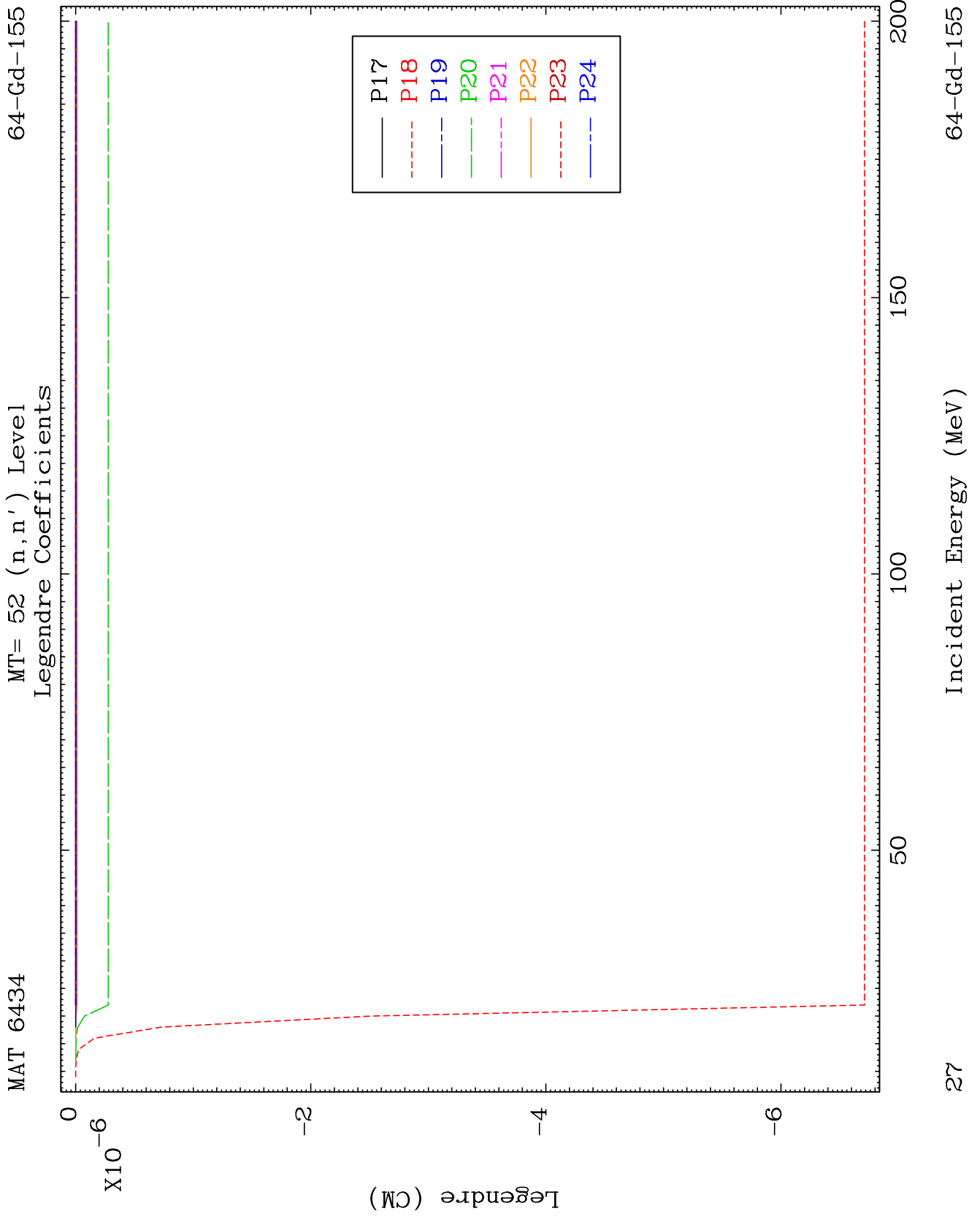
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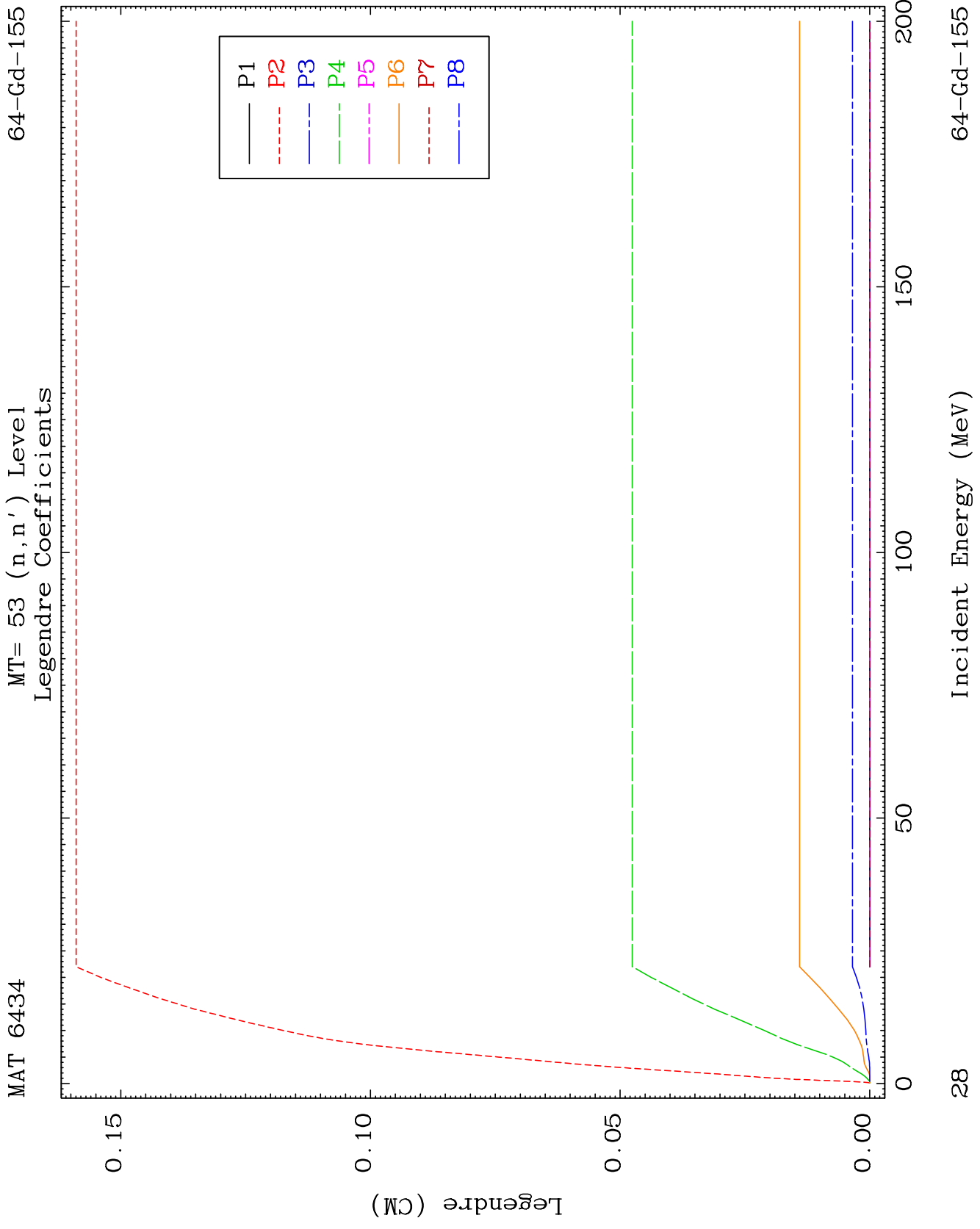
Incident Energy (MeV)

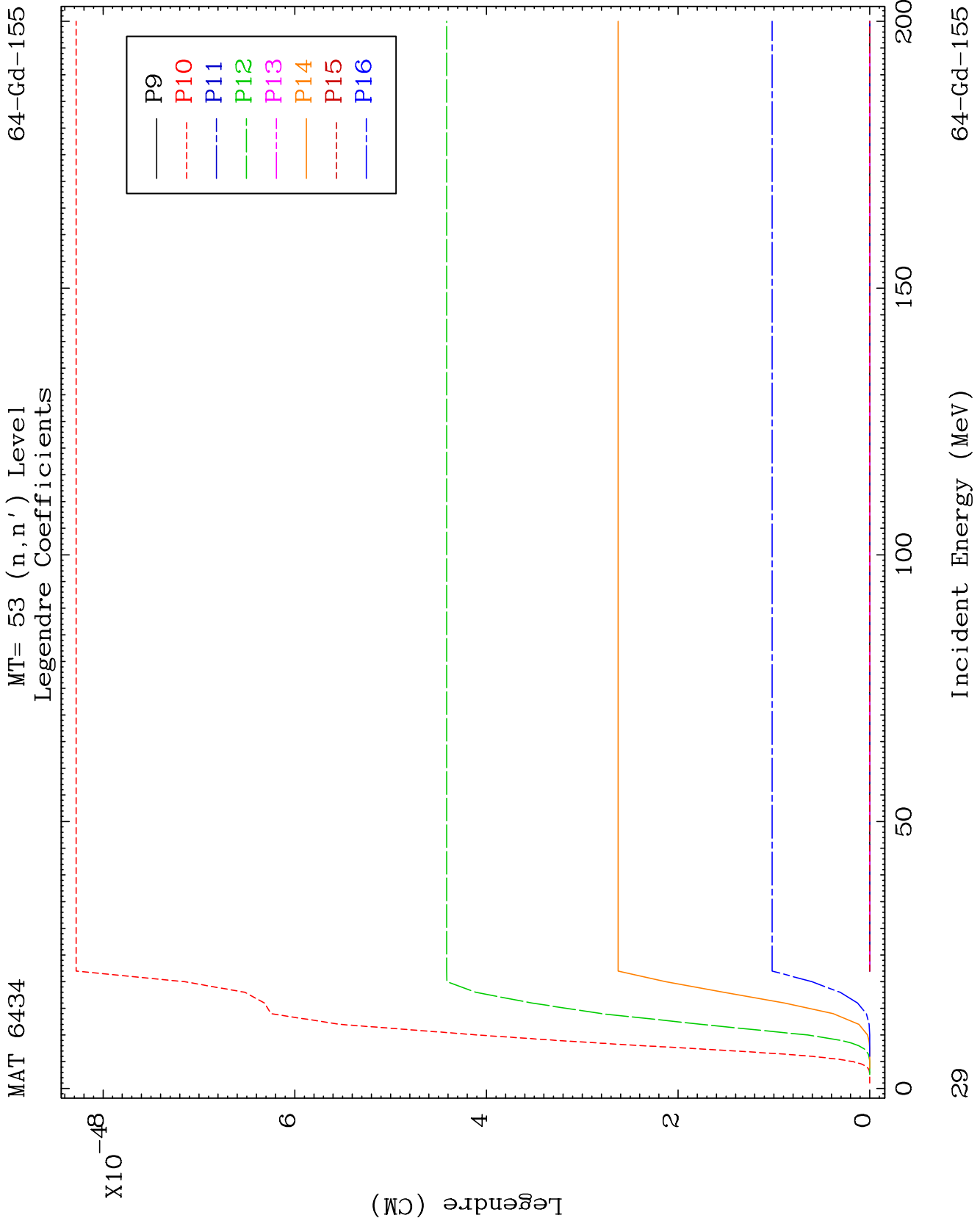
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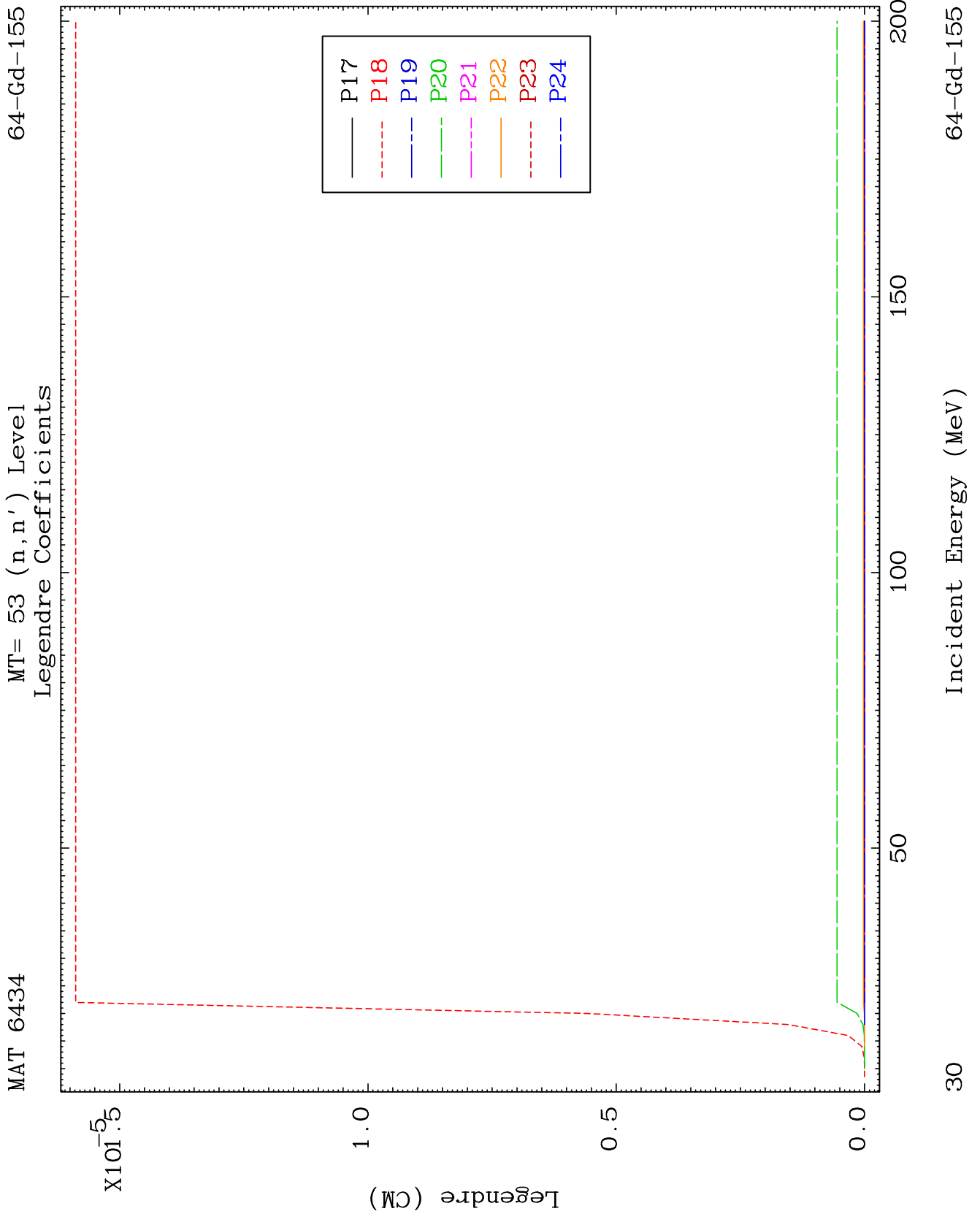


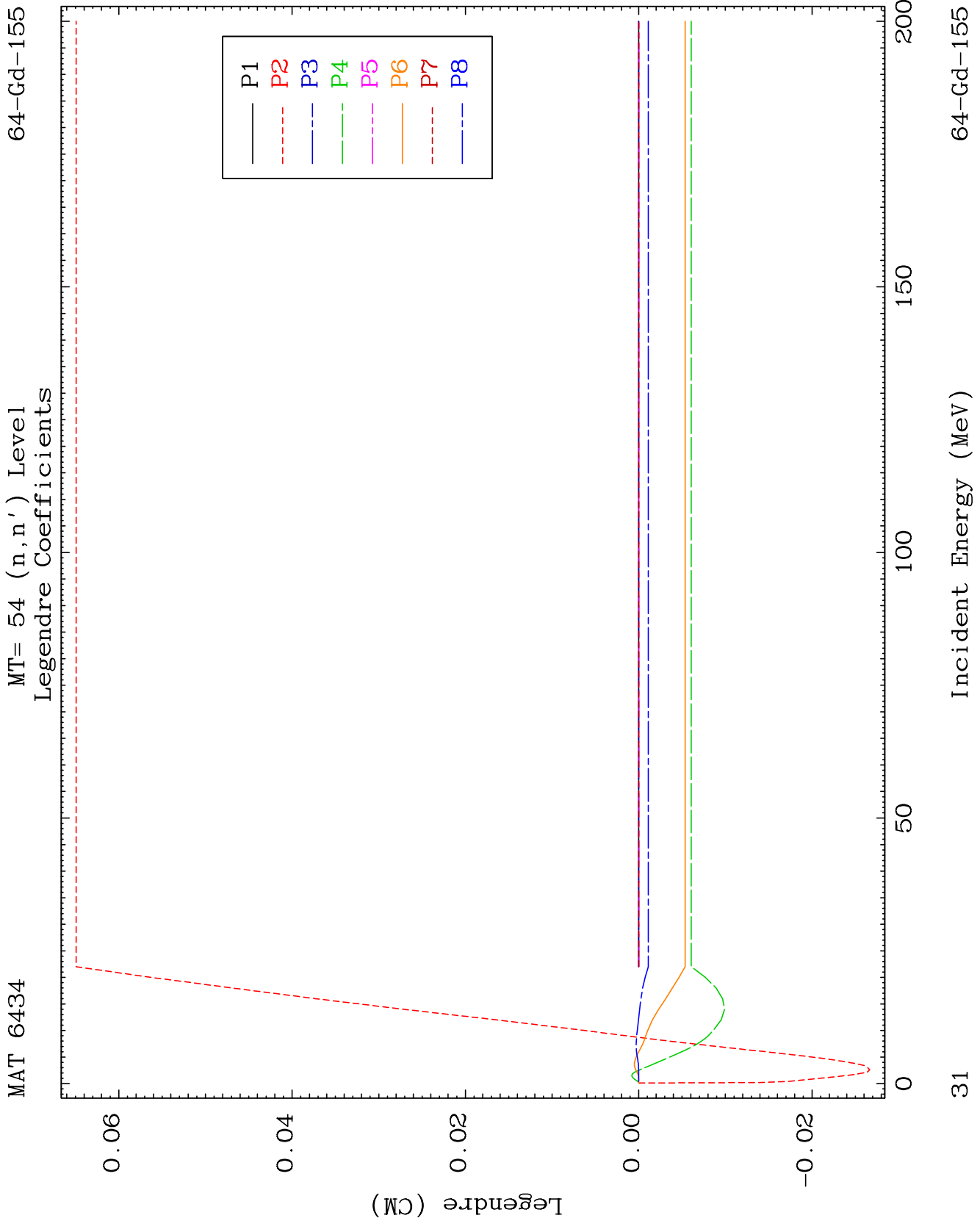










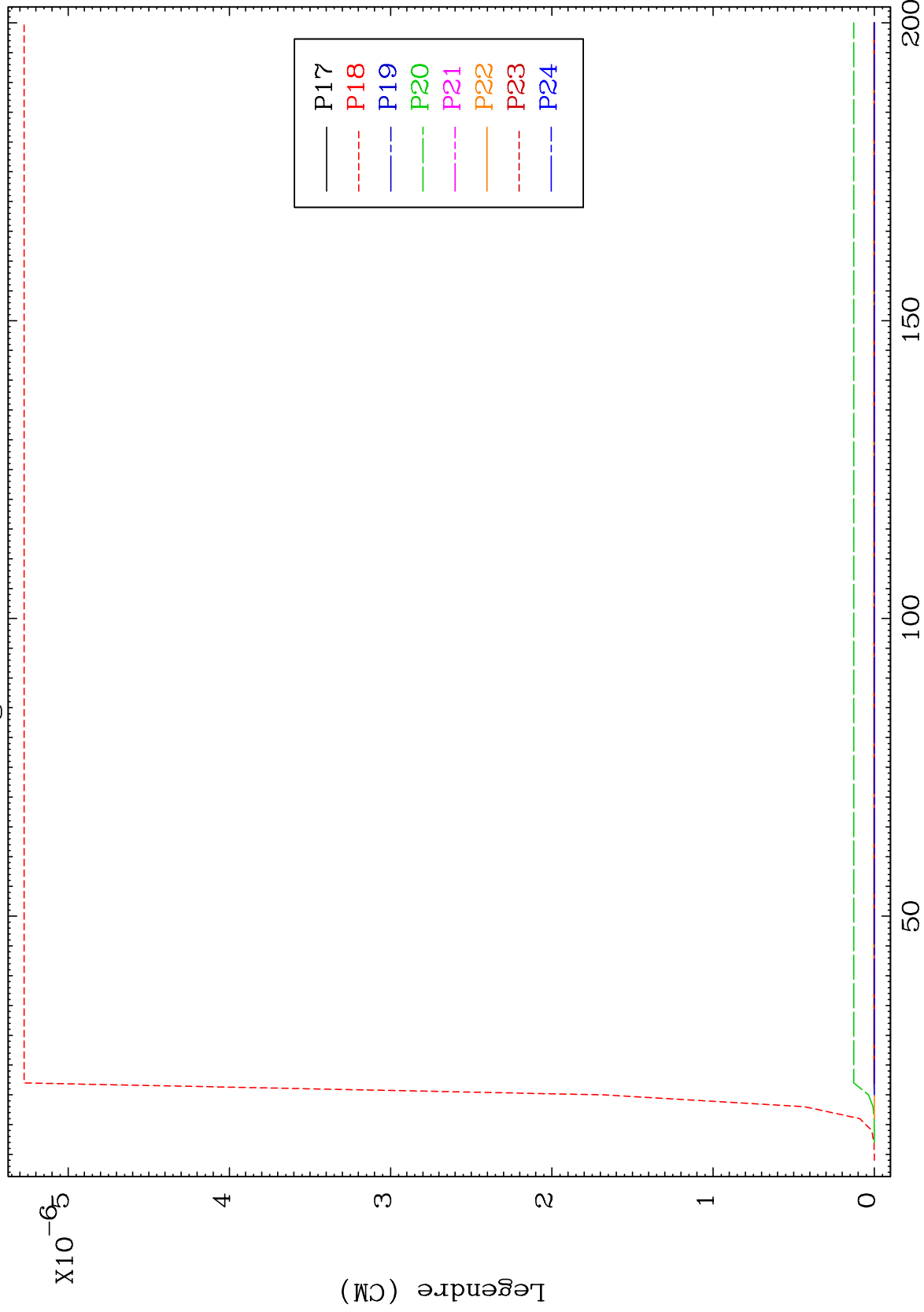




MAT 6434

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

64-Gd-155

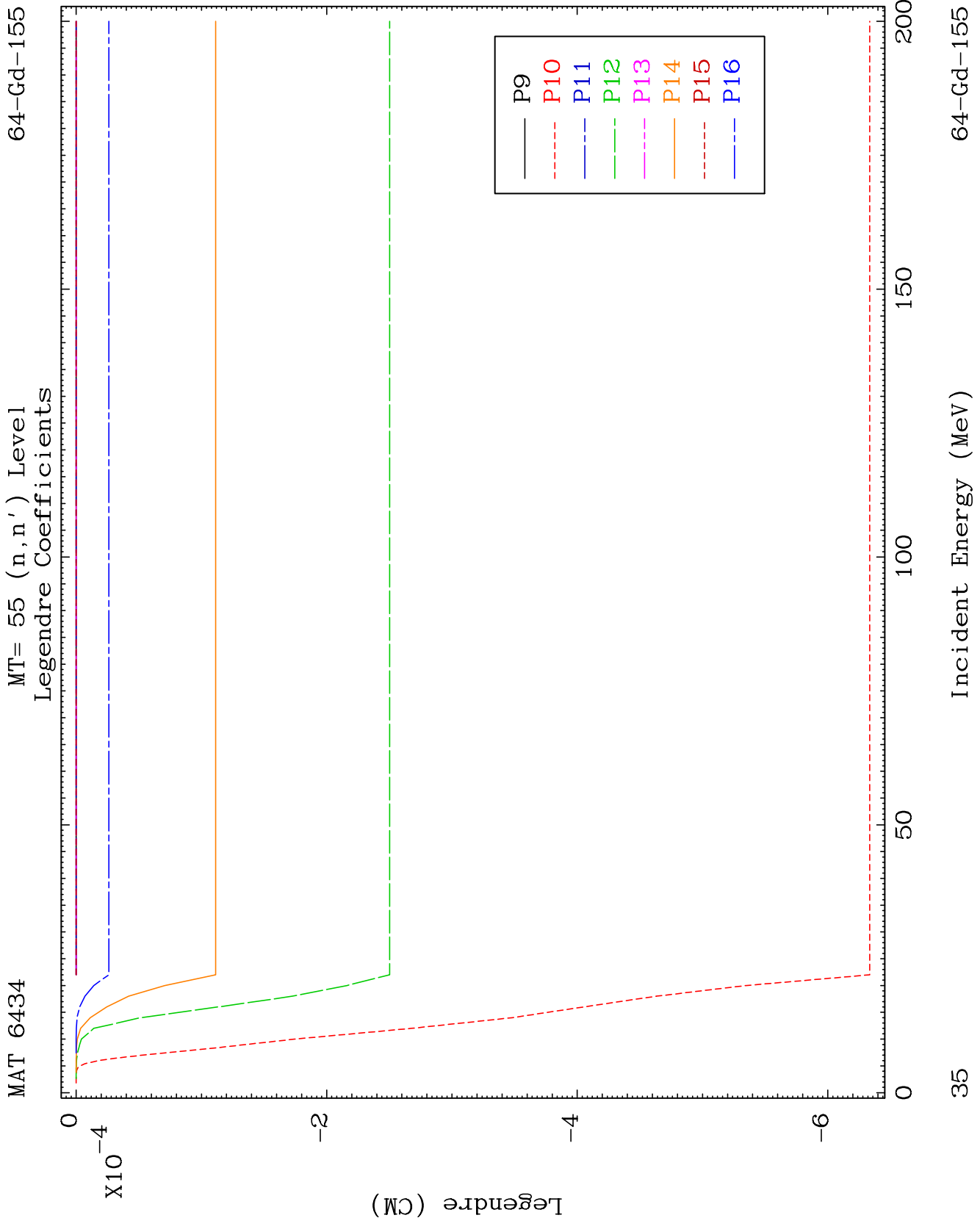


33

Incident Energy (MeV)

64-Gd-155

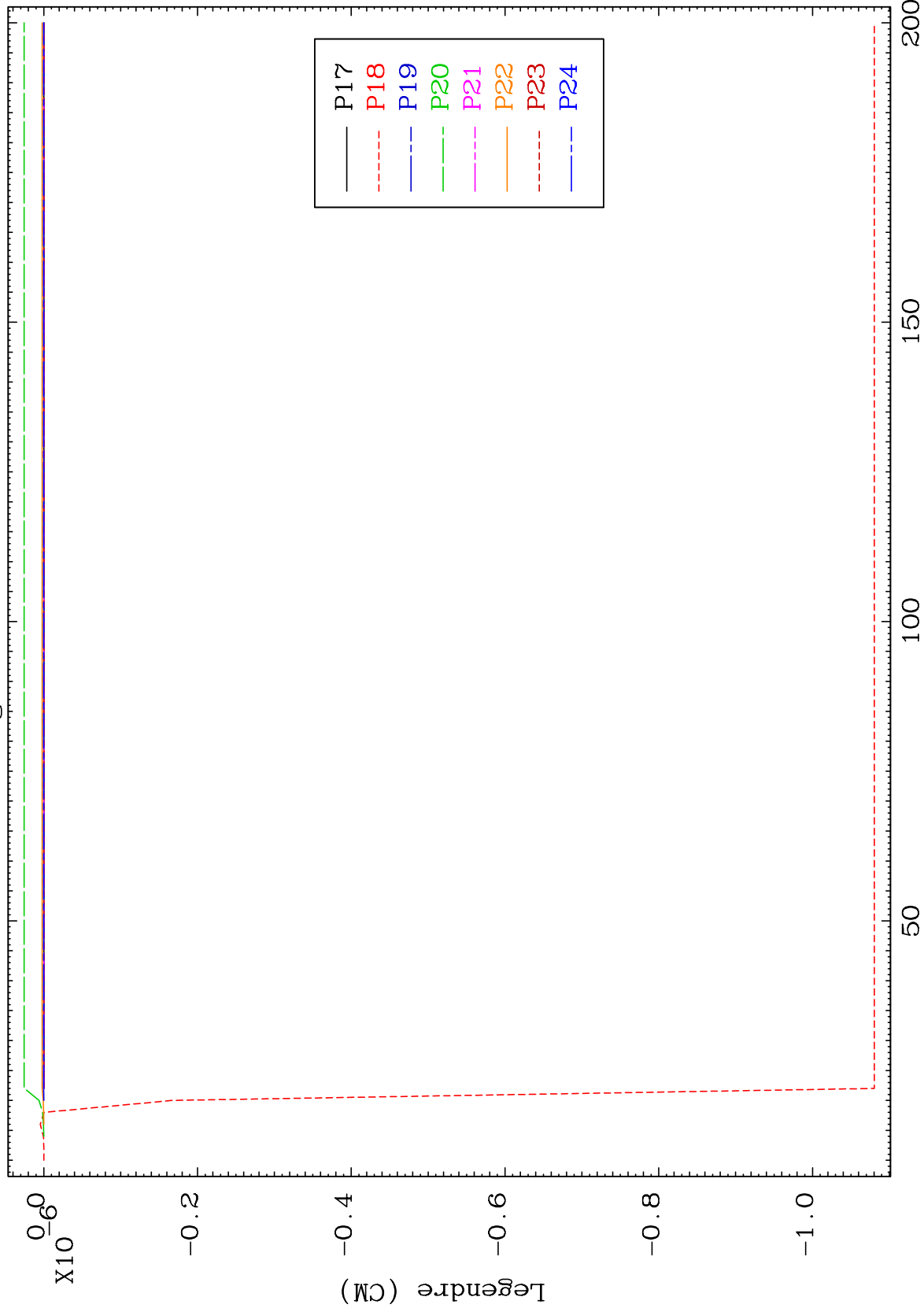




MAT 6434

64-Gd-155

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



36

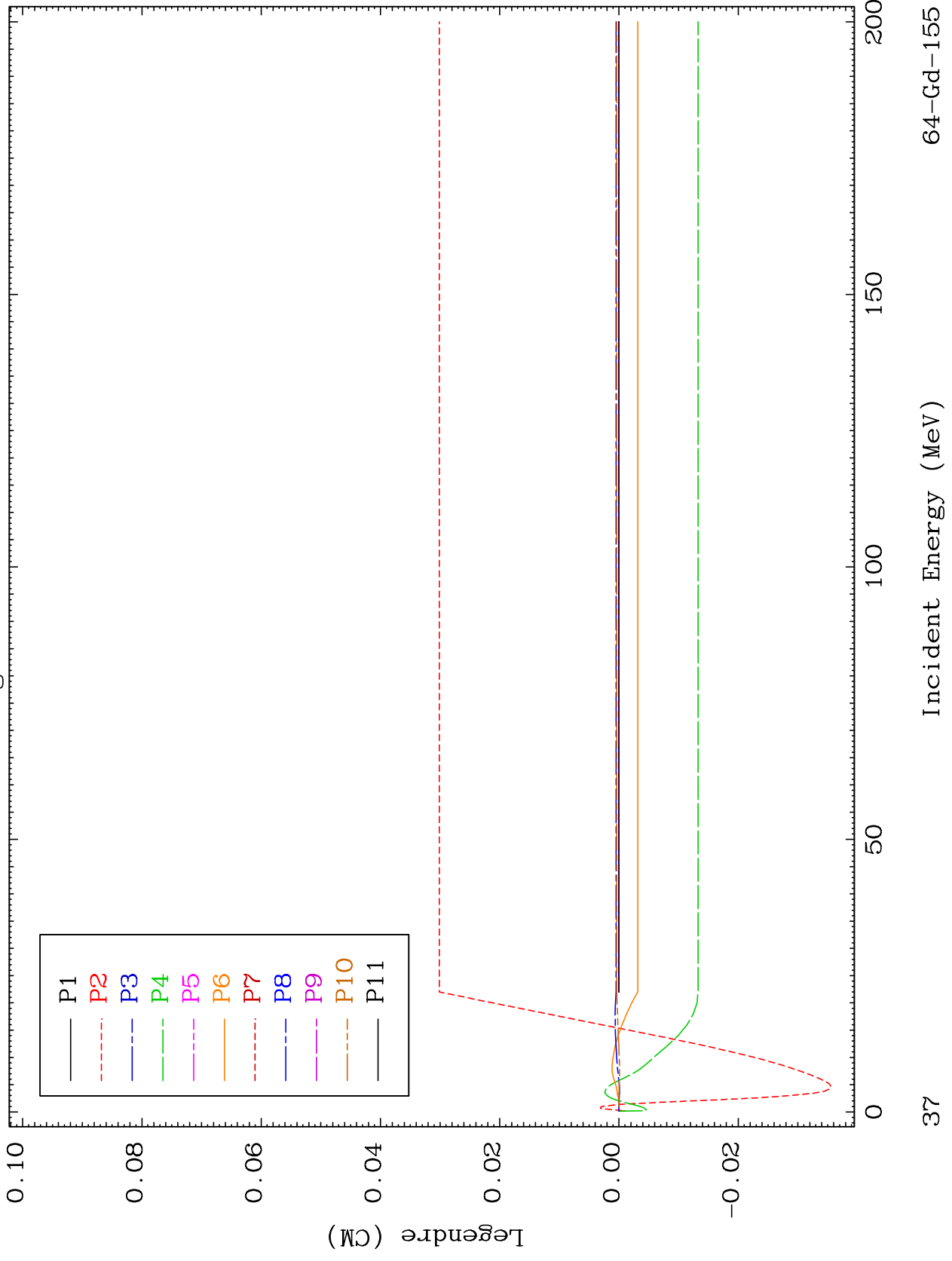
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



37

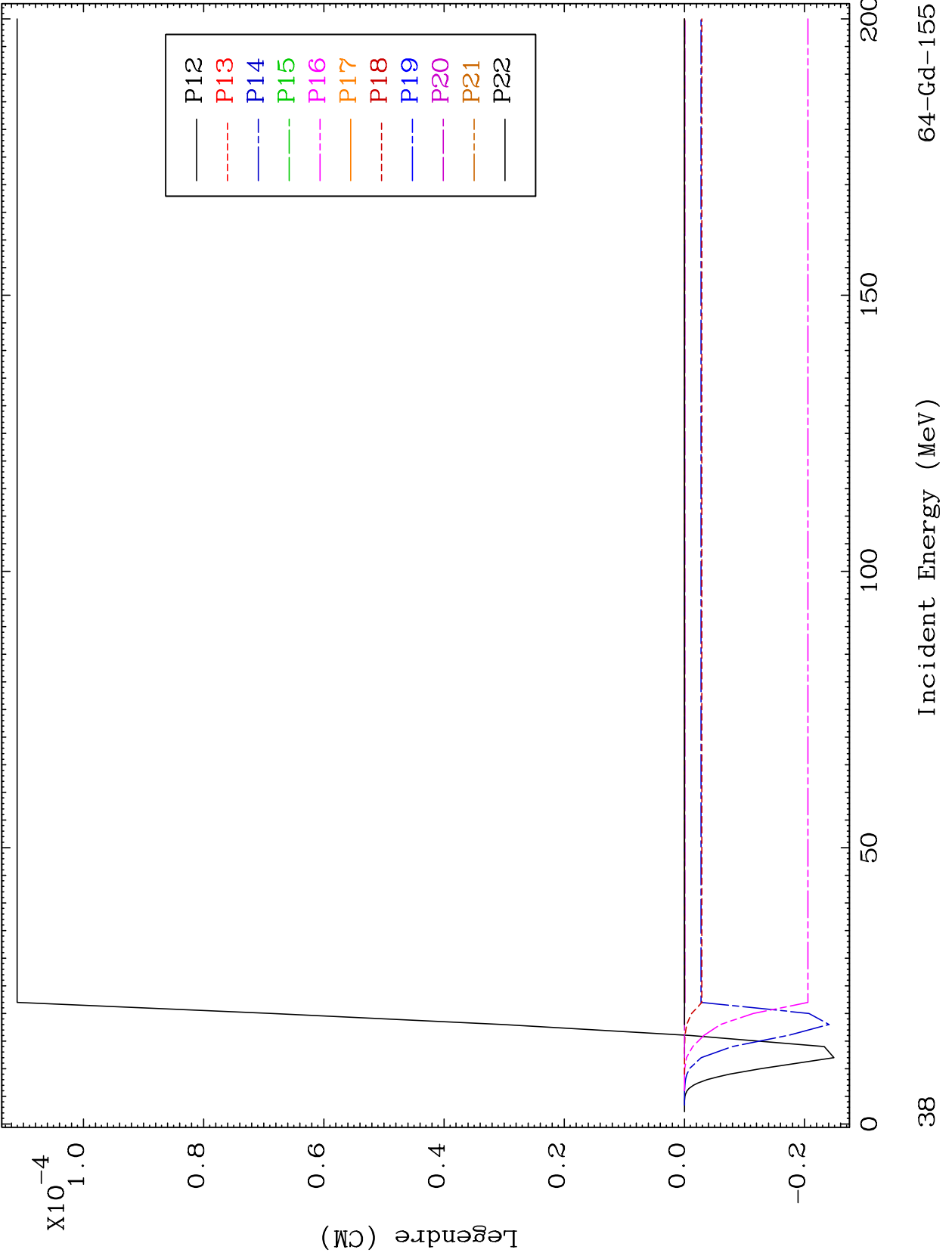
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

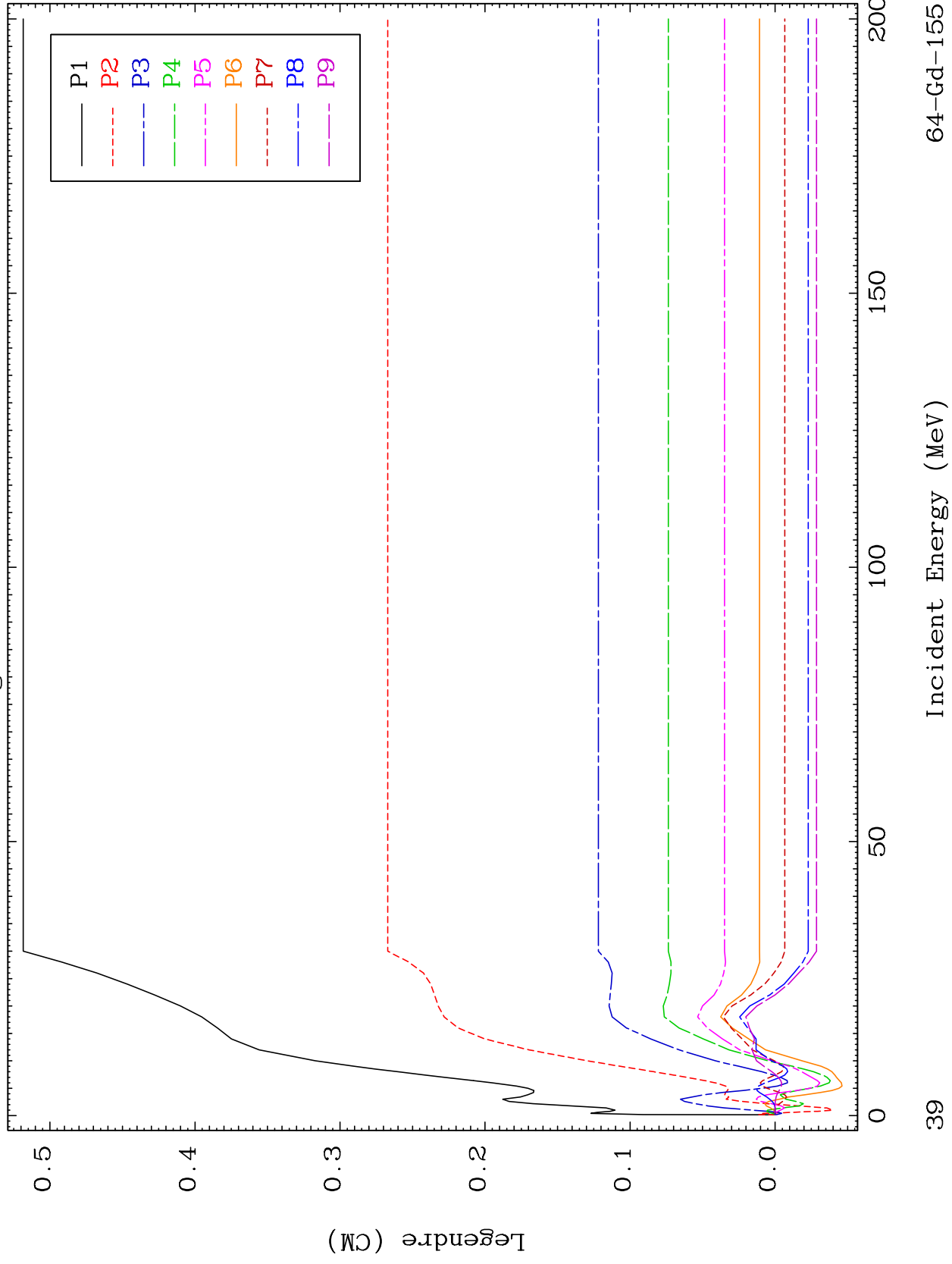
64-Gd-155



MAT 6434

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

64-Gd-155



39

Incident Energy (MeV)

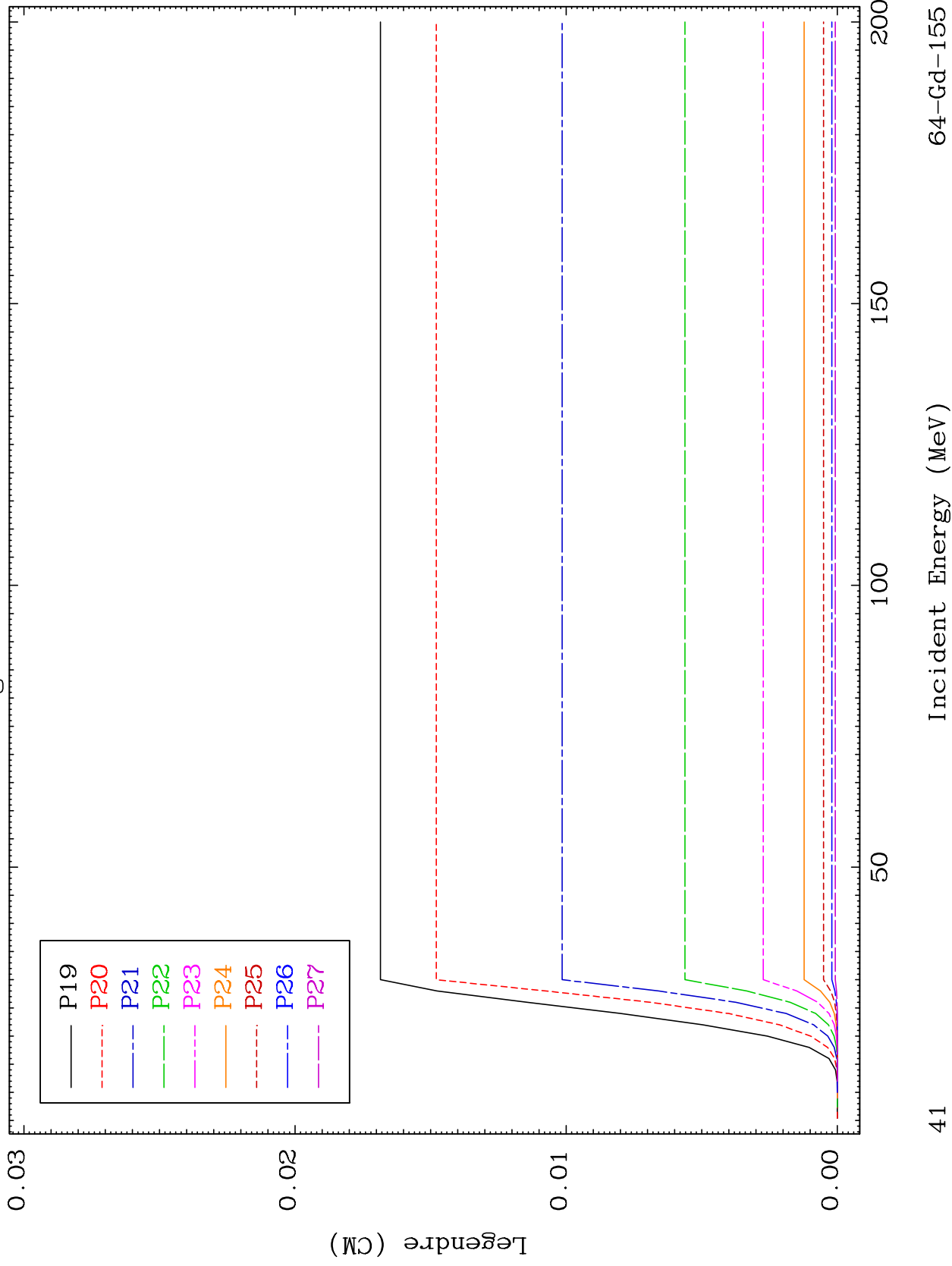
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MAT 6434

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

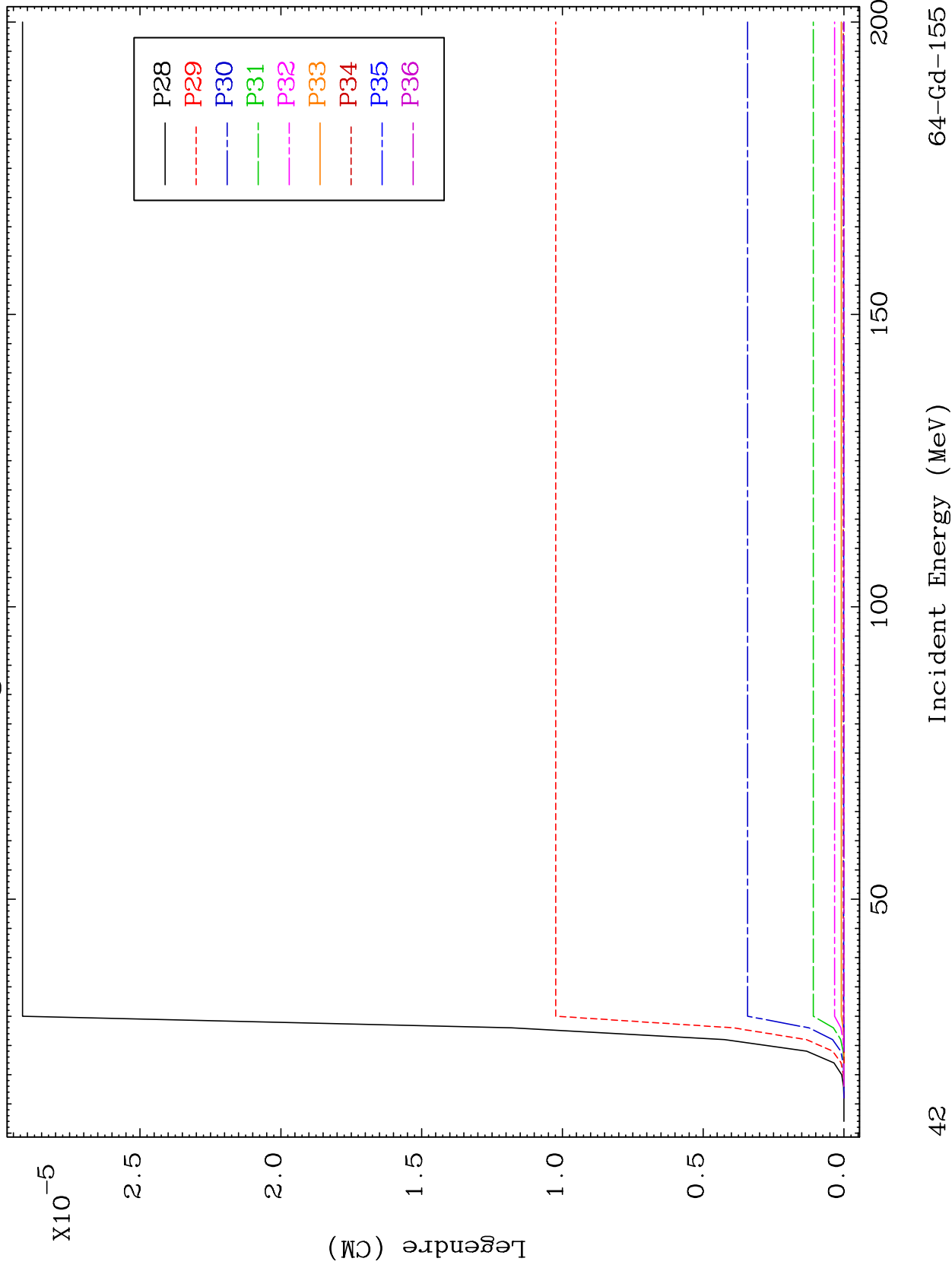
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MAT 6434

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

64-Gd-155



42

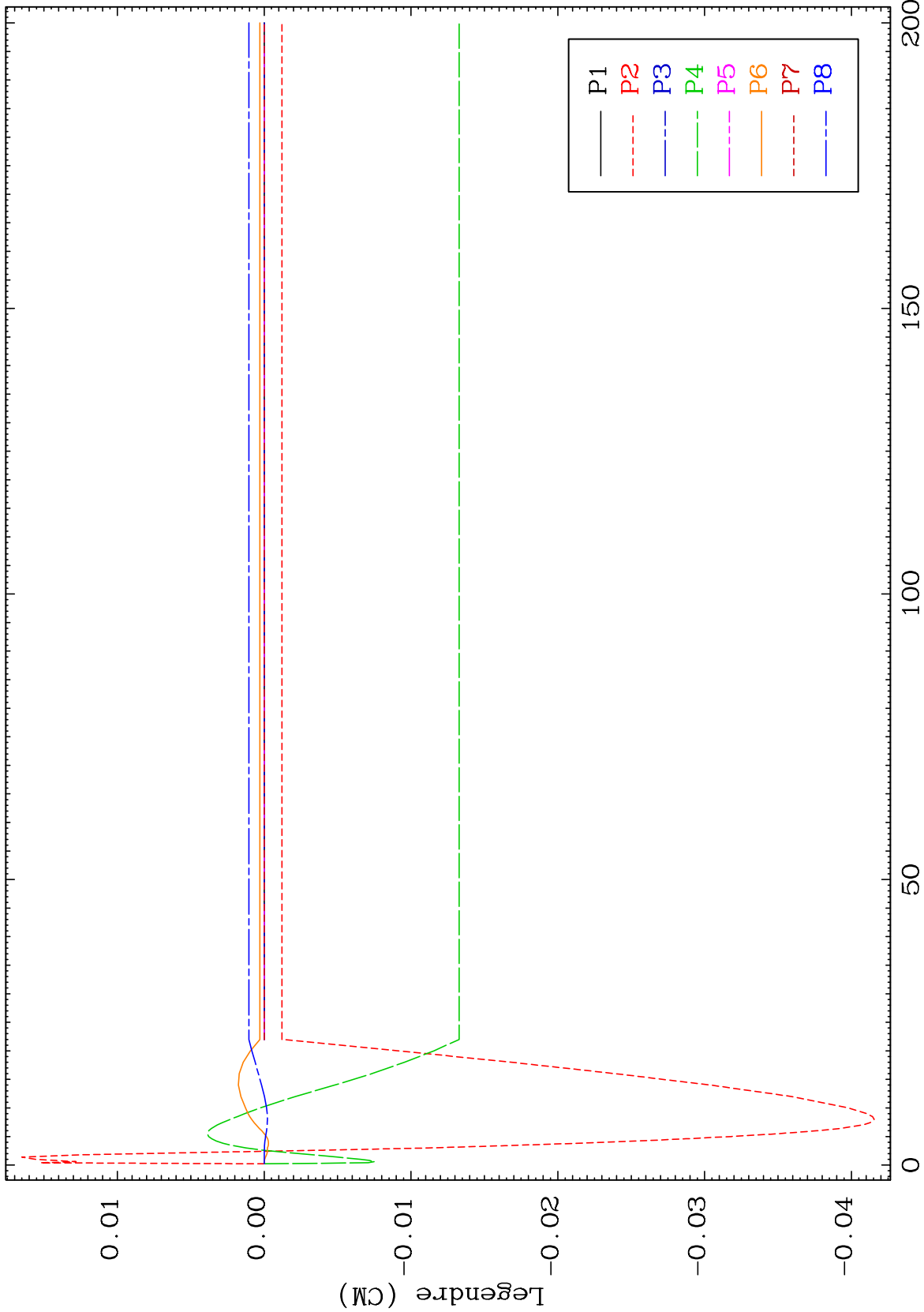
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



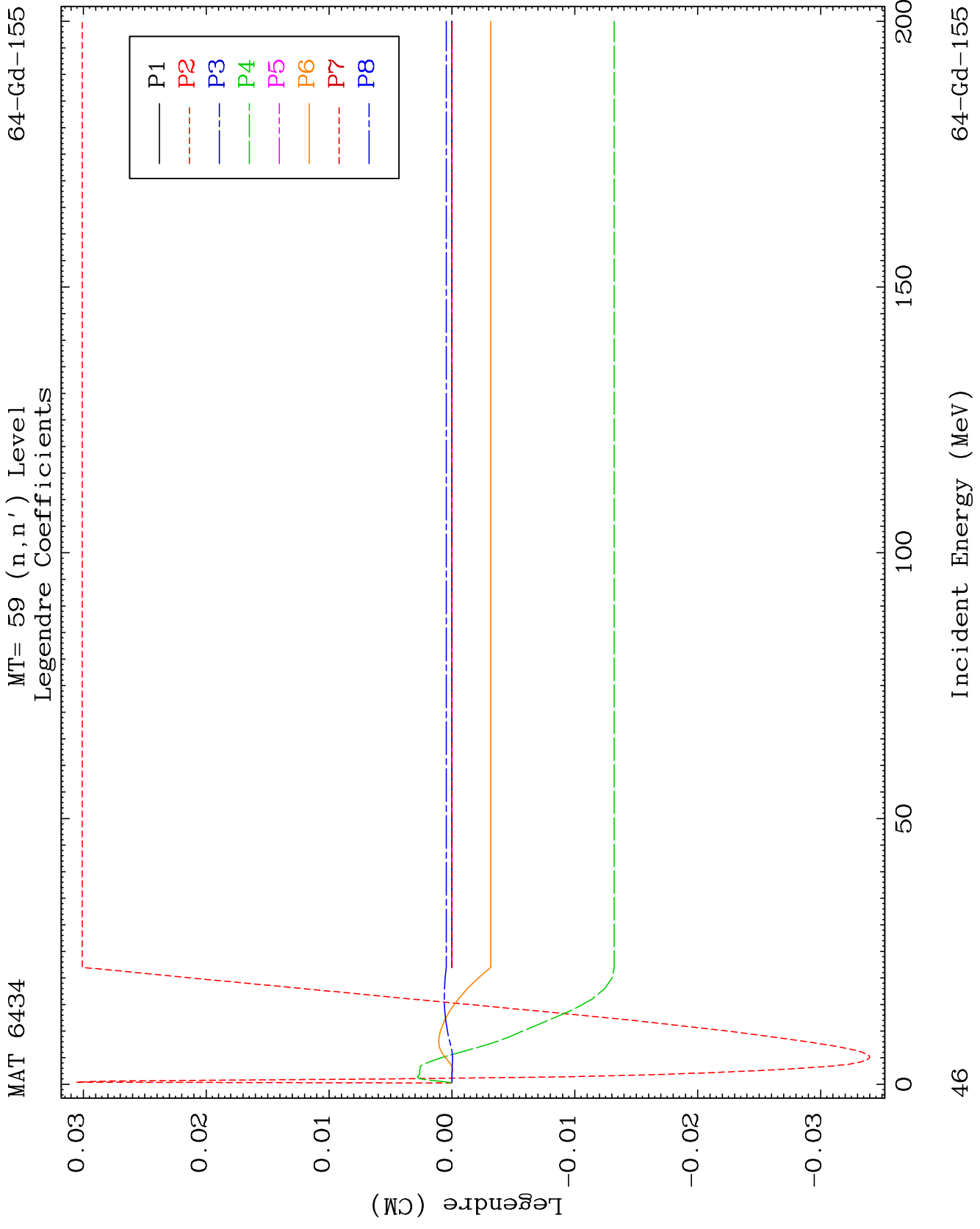
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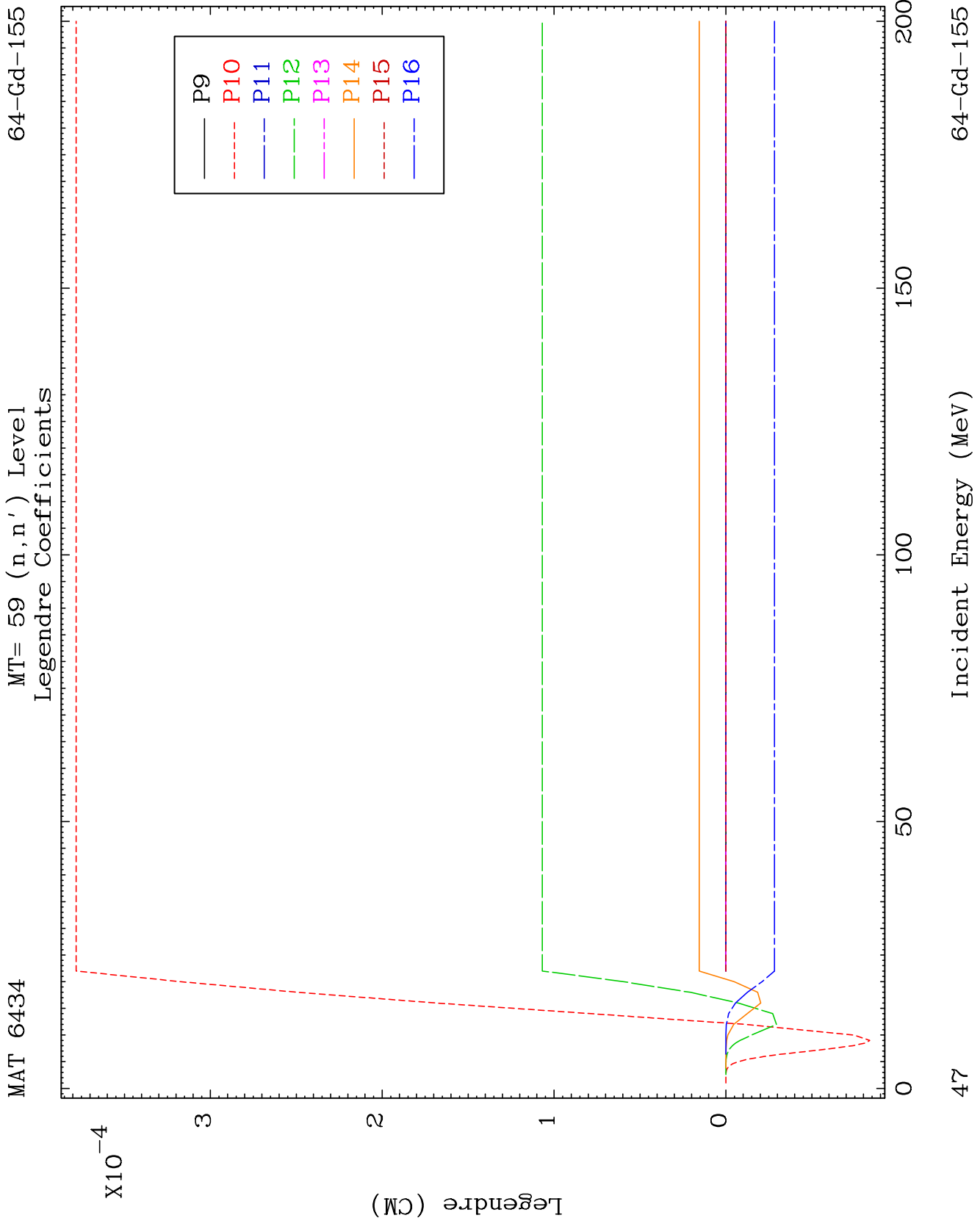
Incident Energy (MeV)

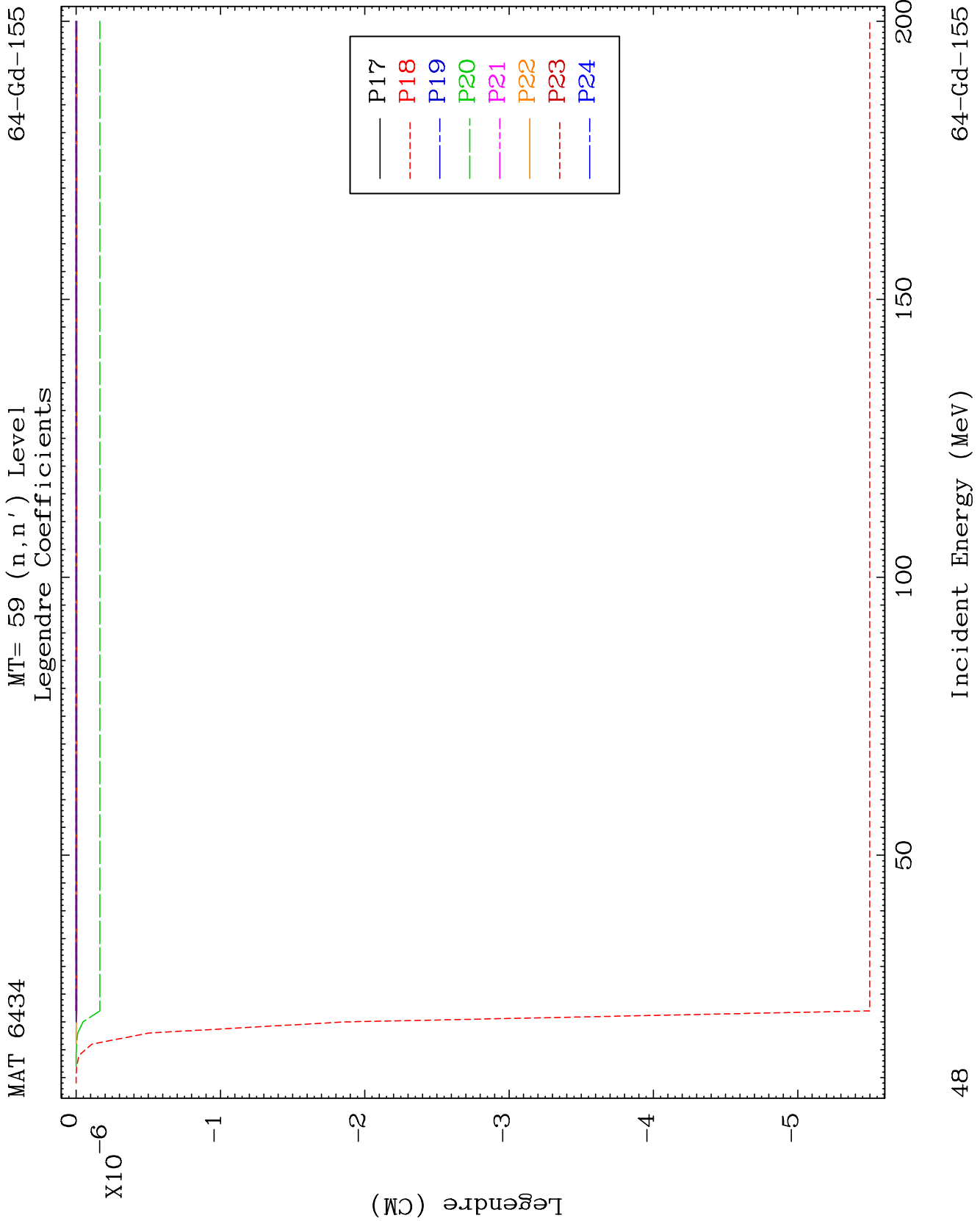
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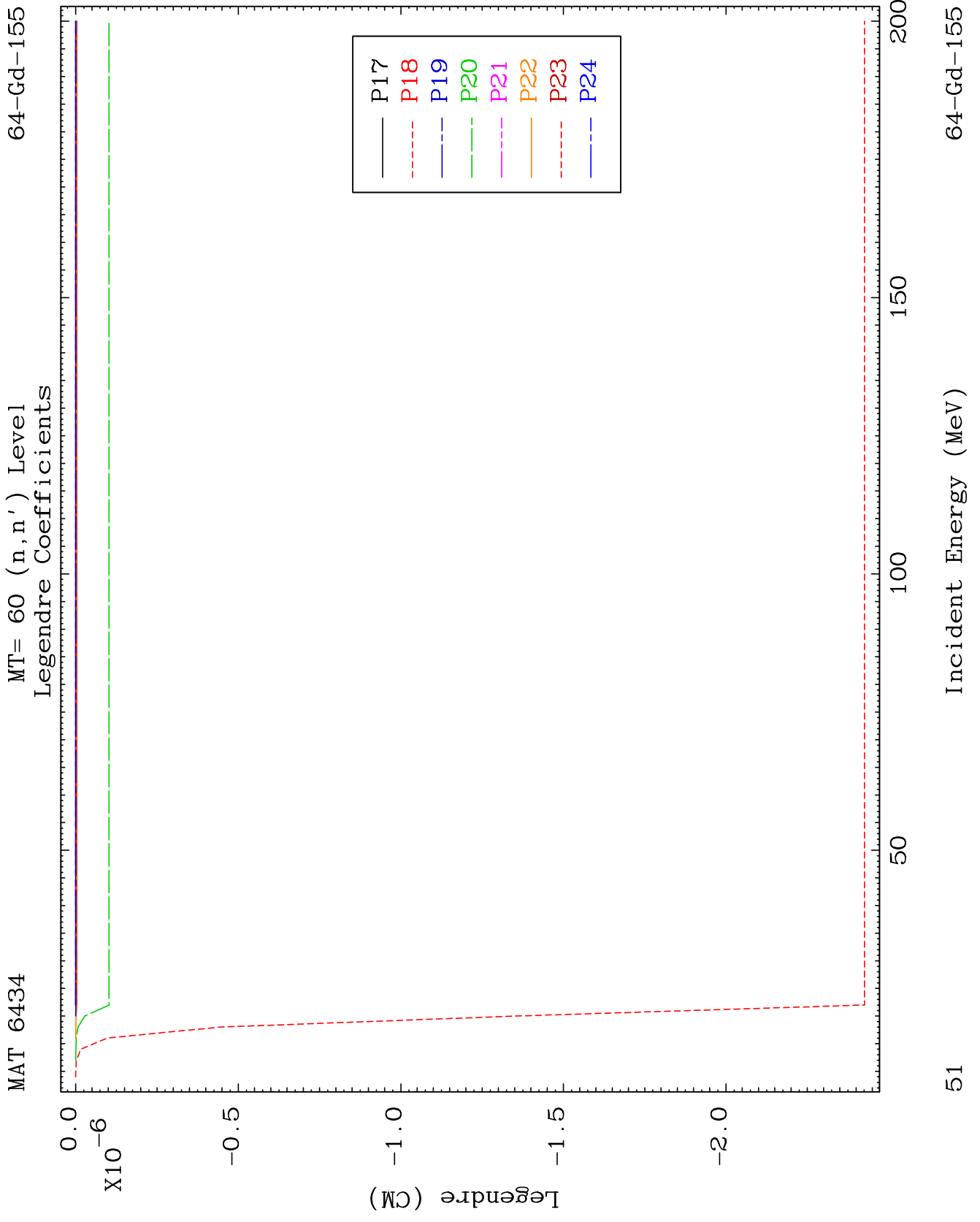


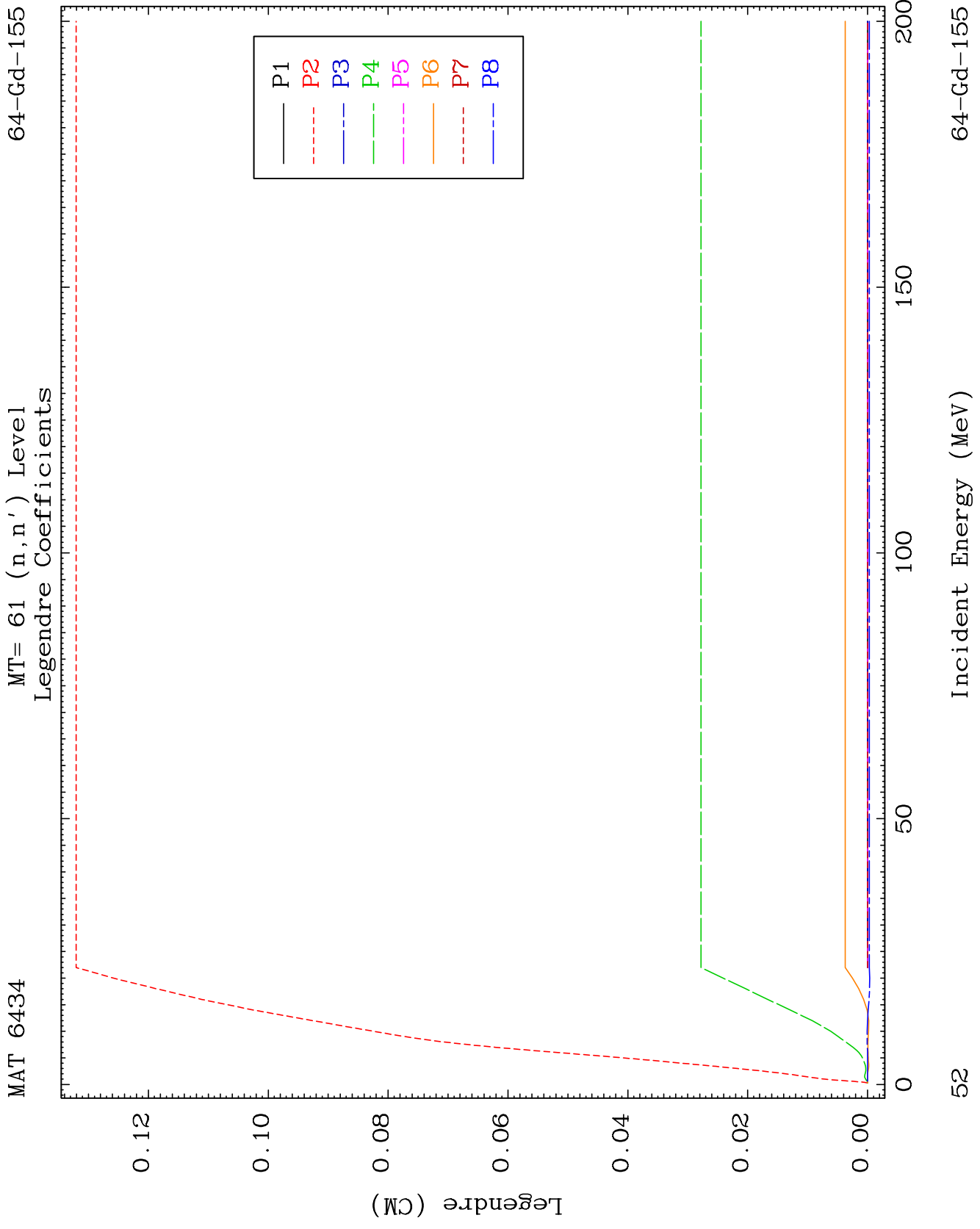


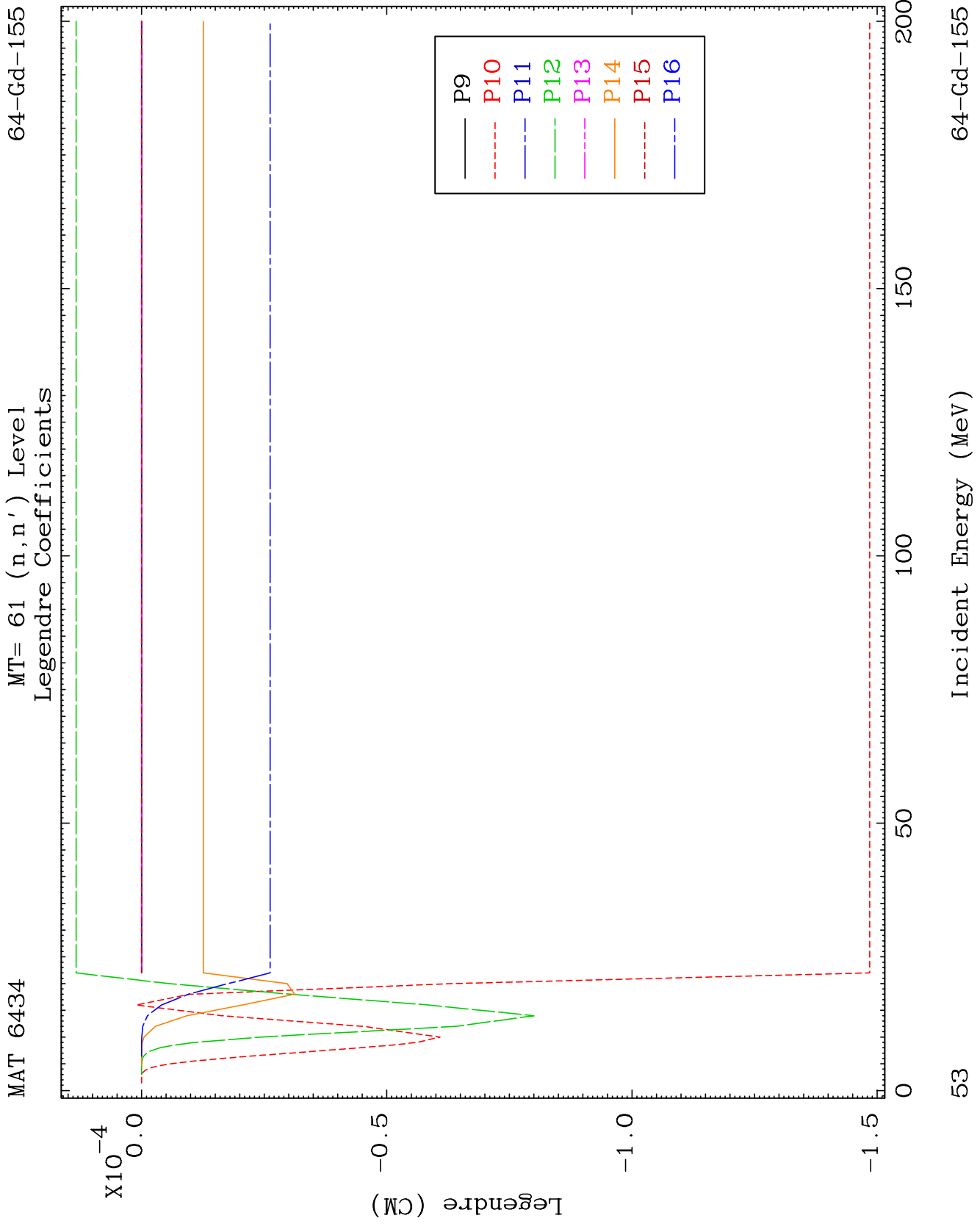


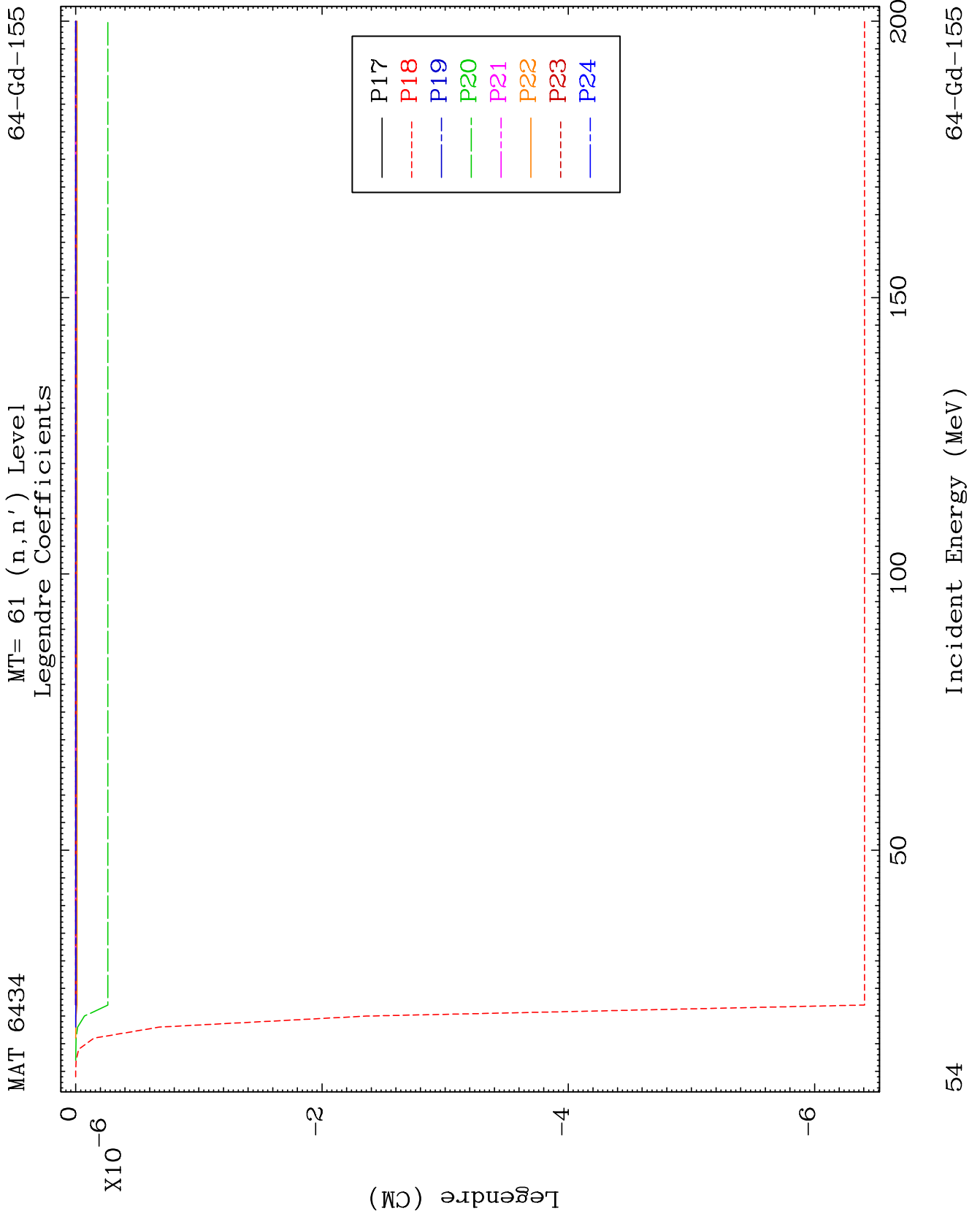


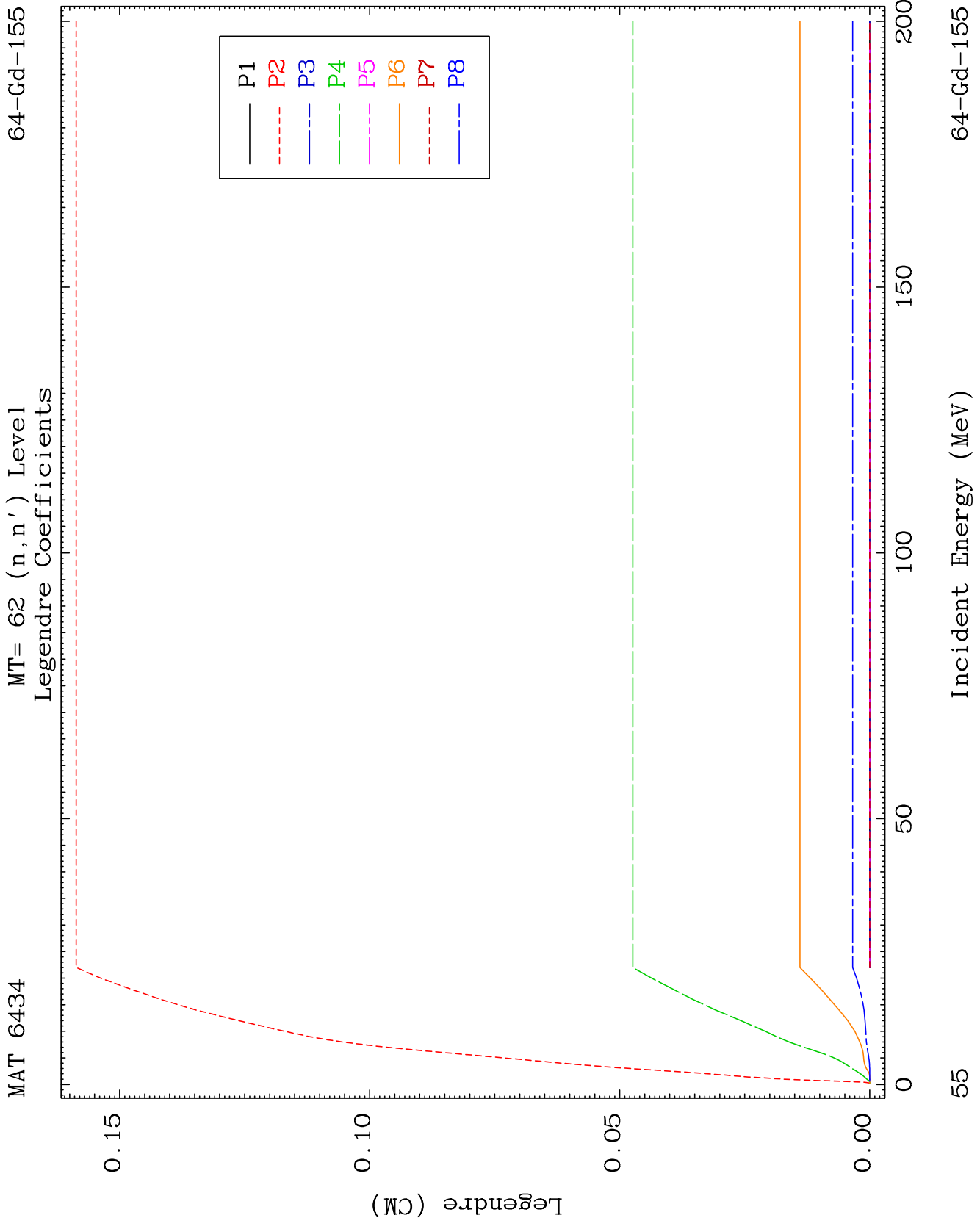


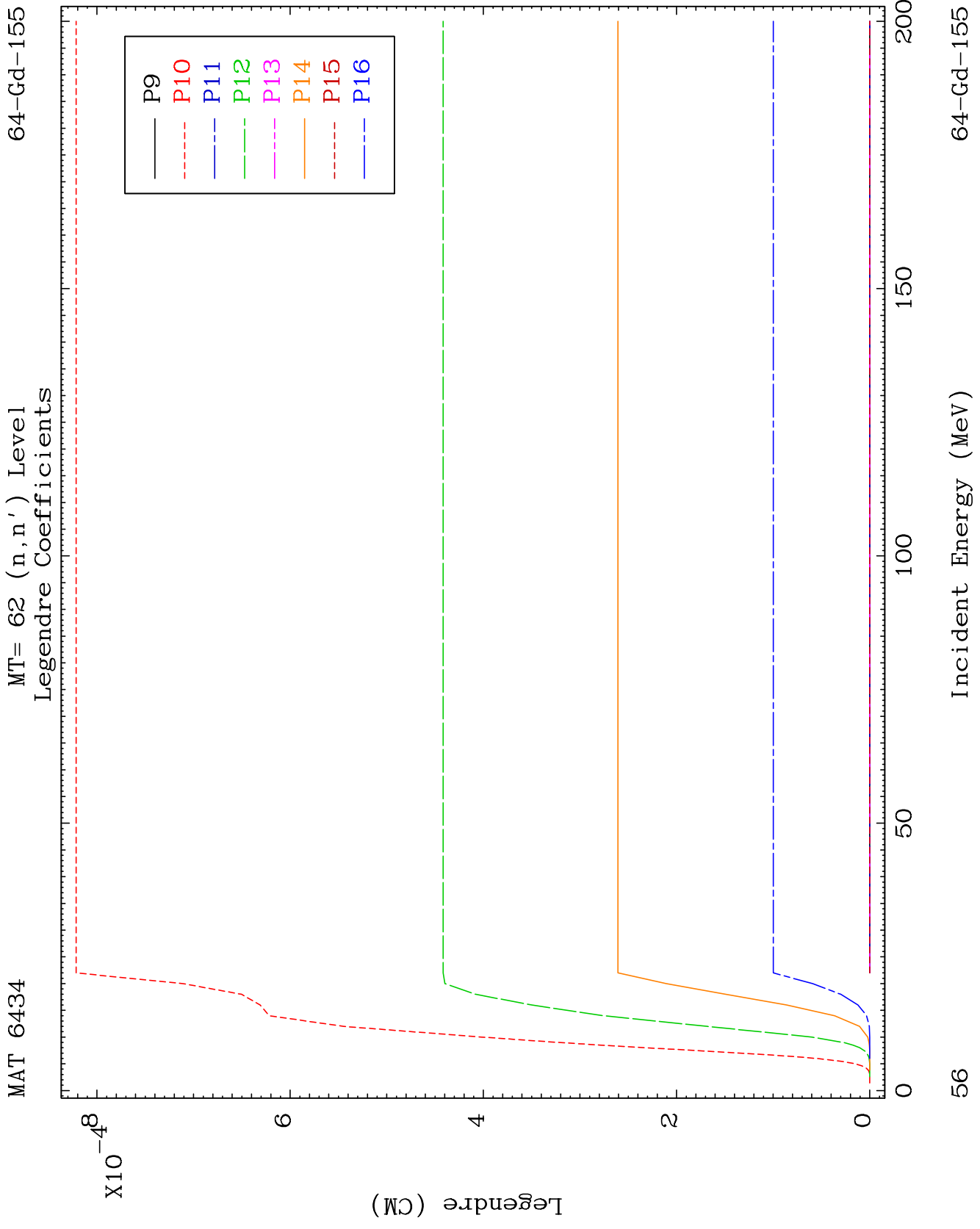










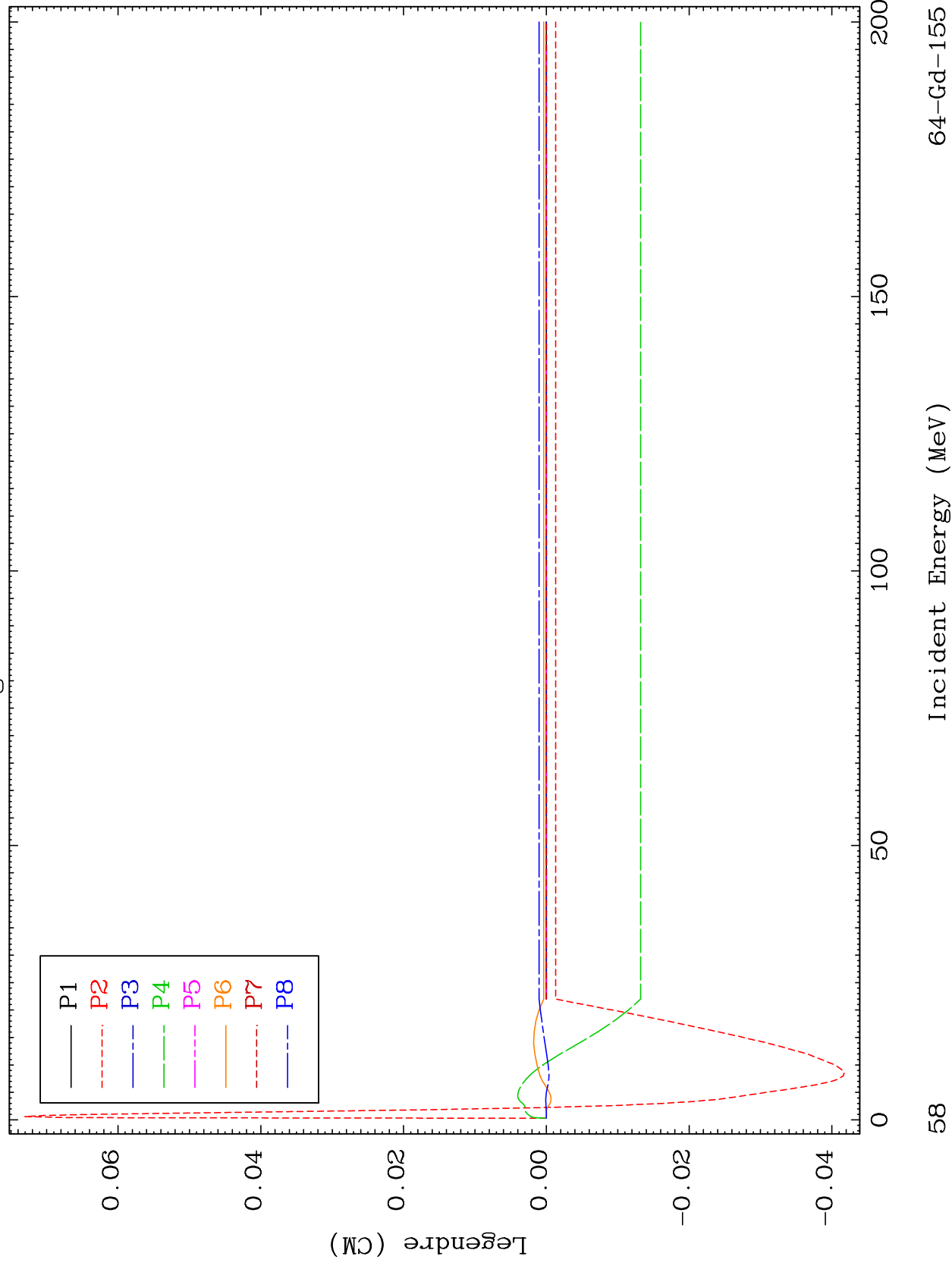




MAT 6434

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

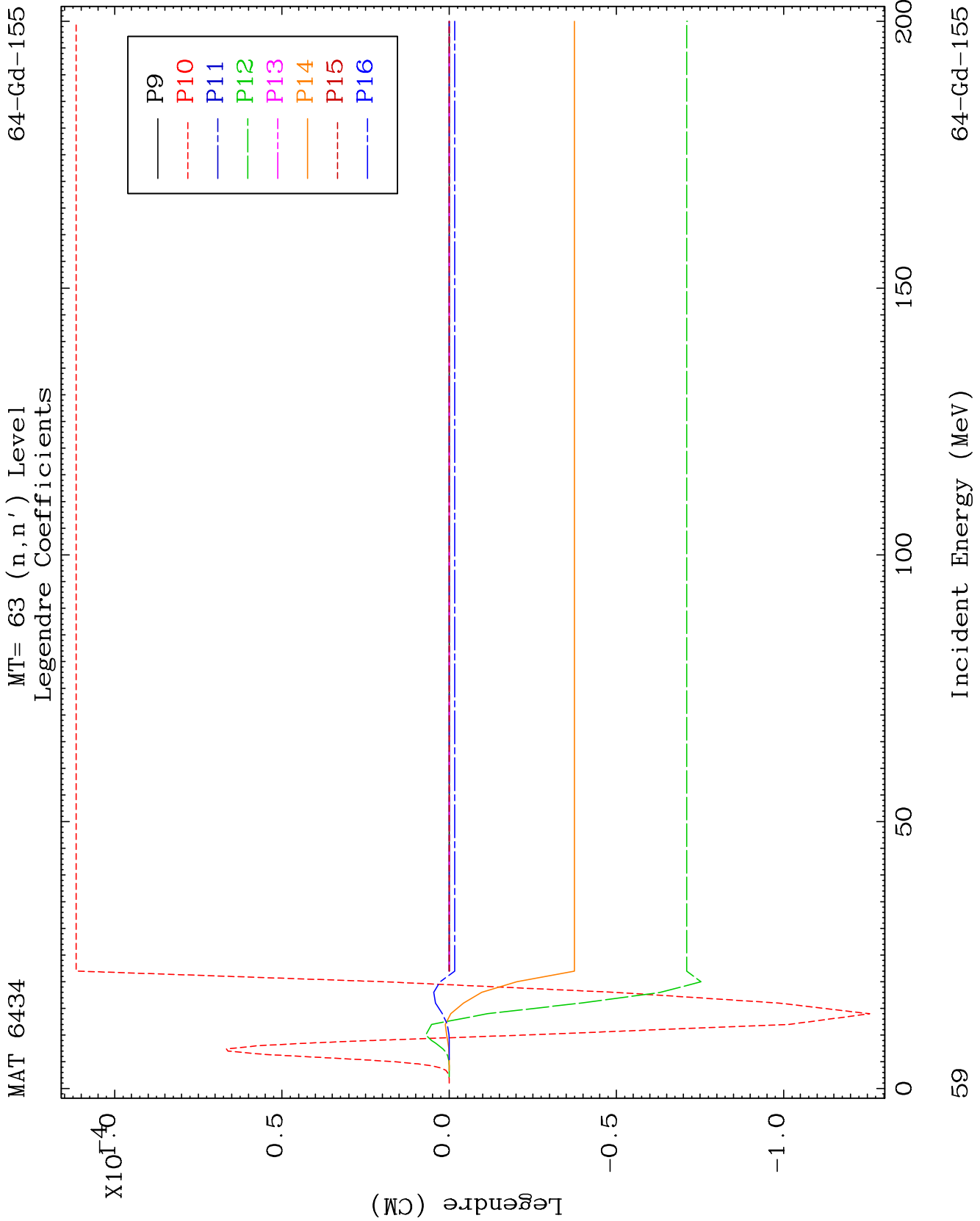
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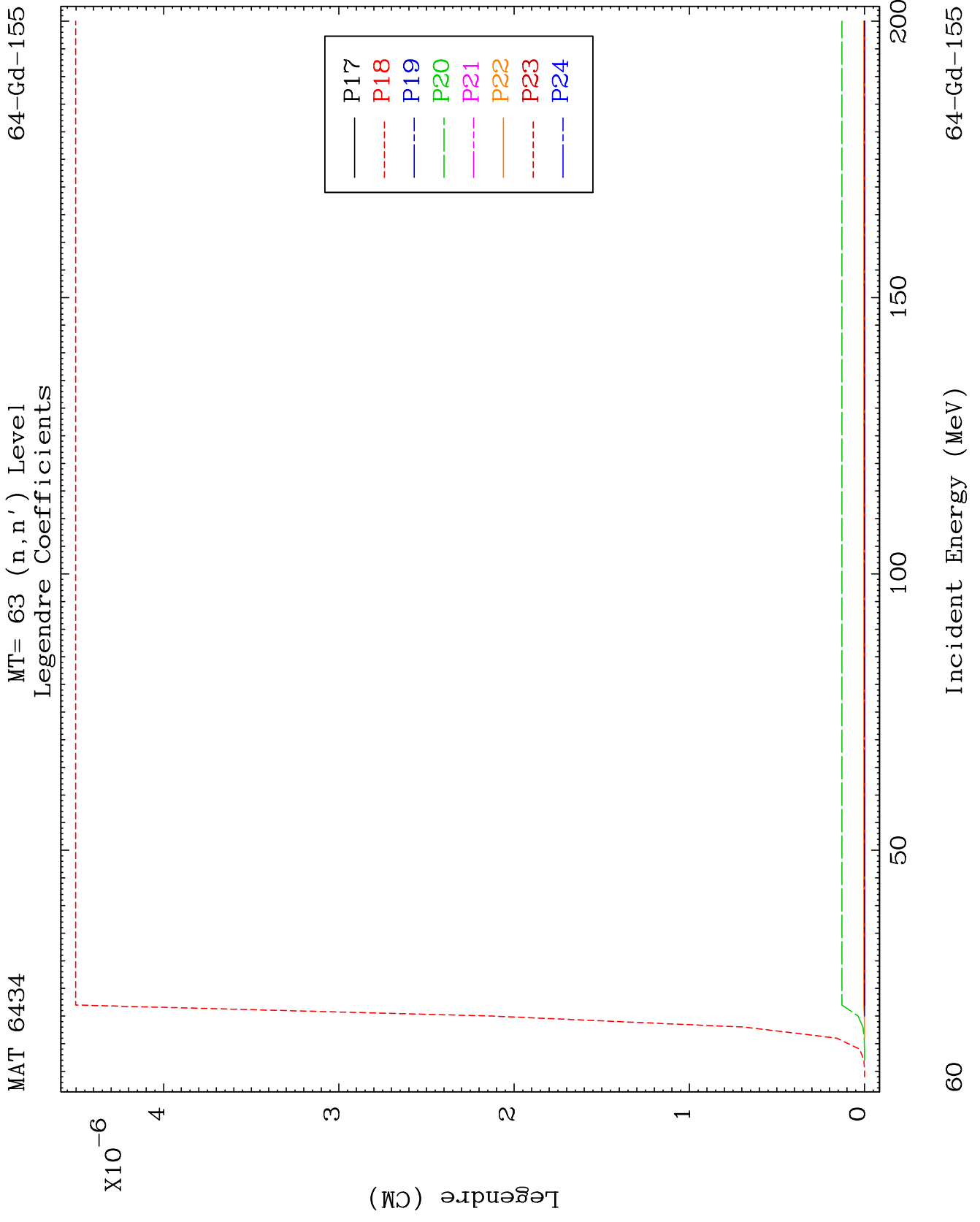


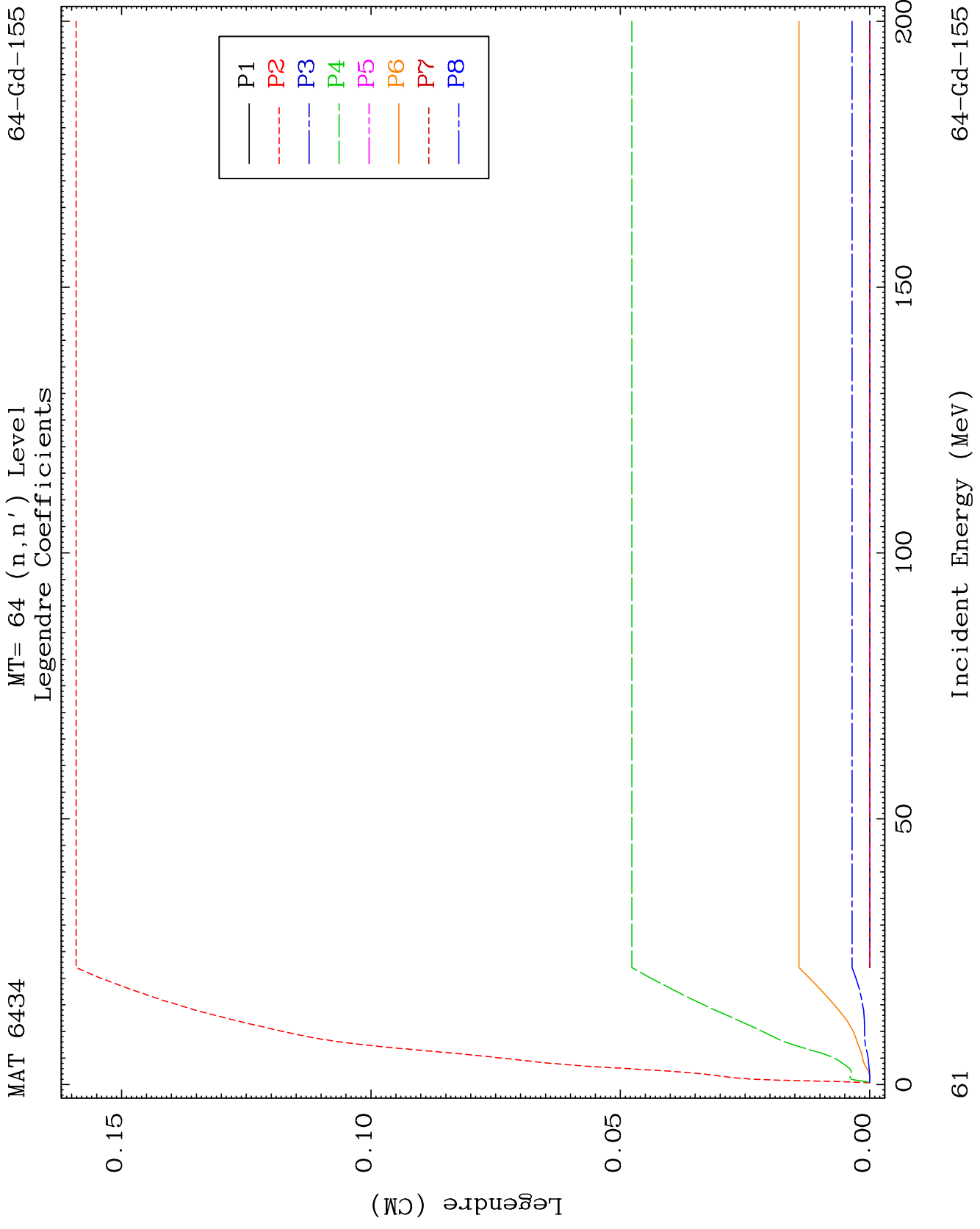
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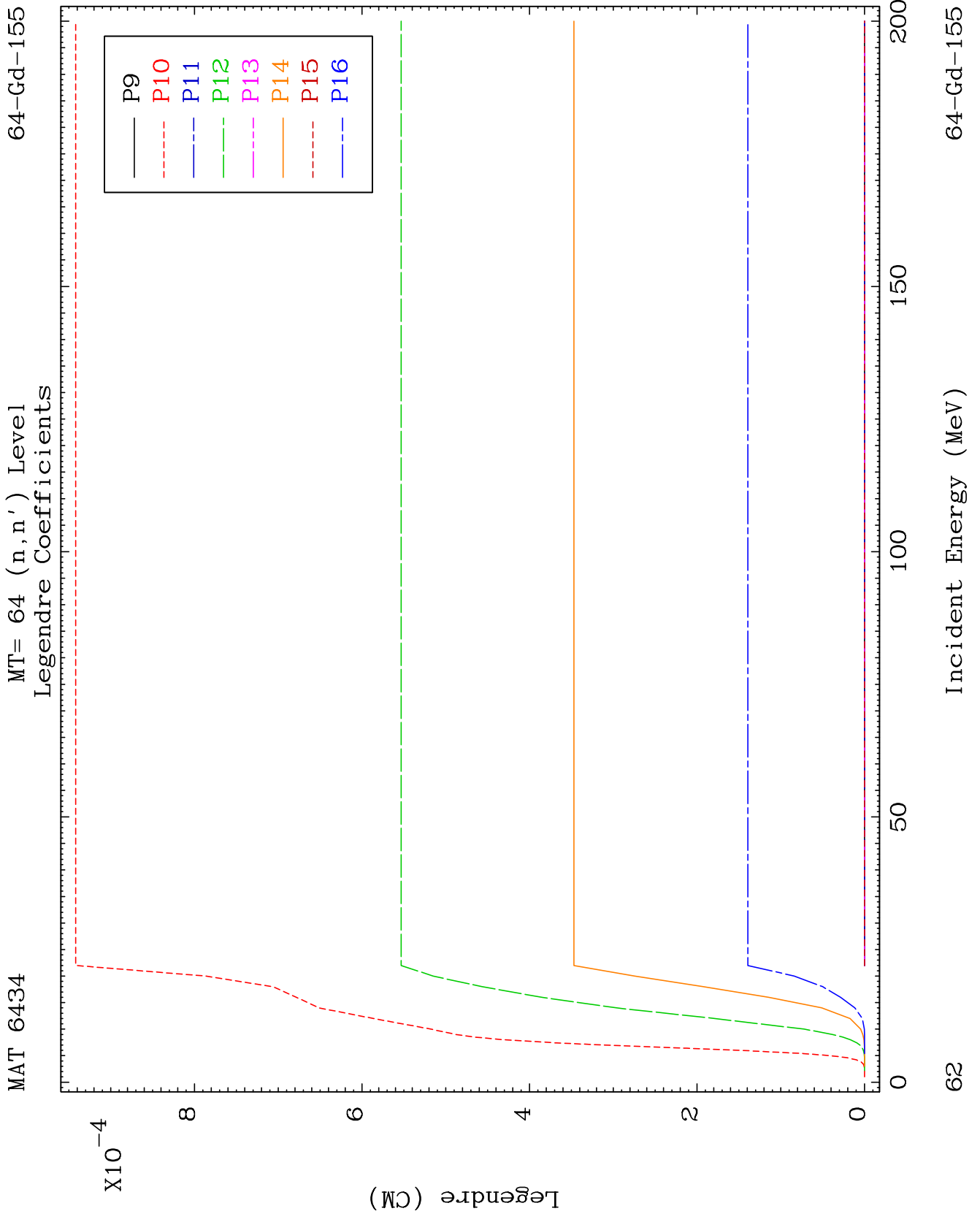
Incident Energy (MeV)

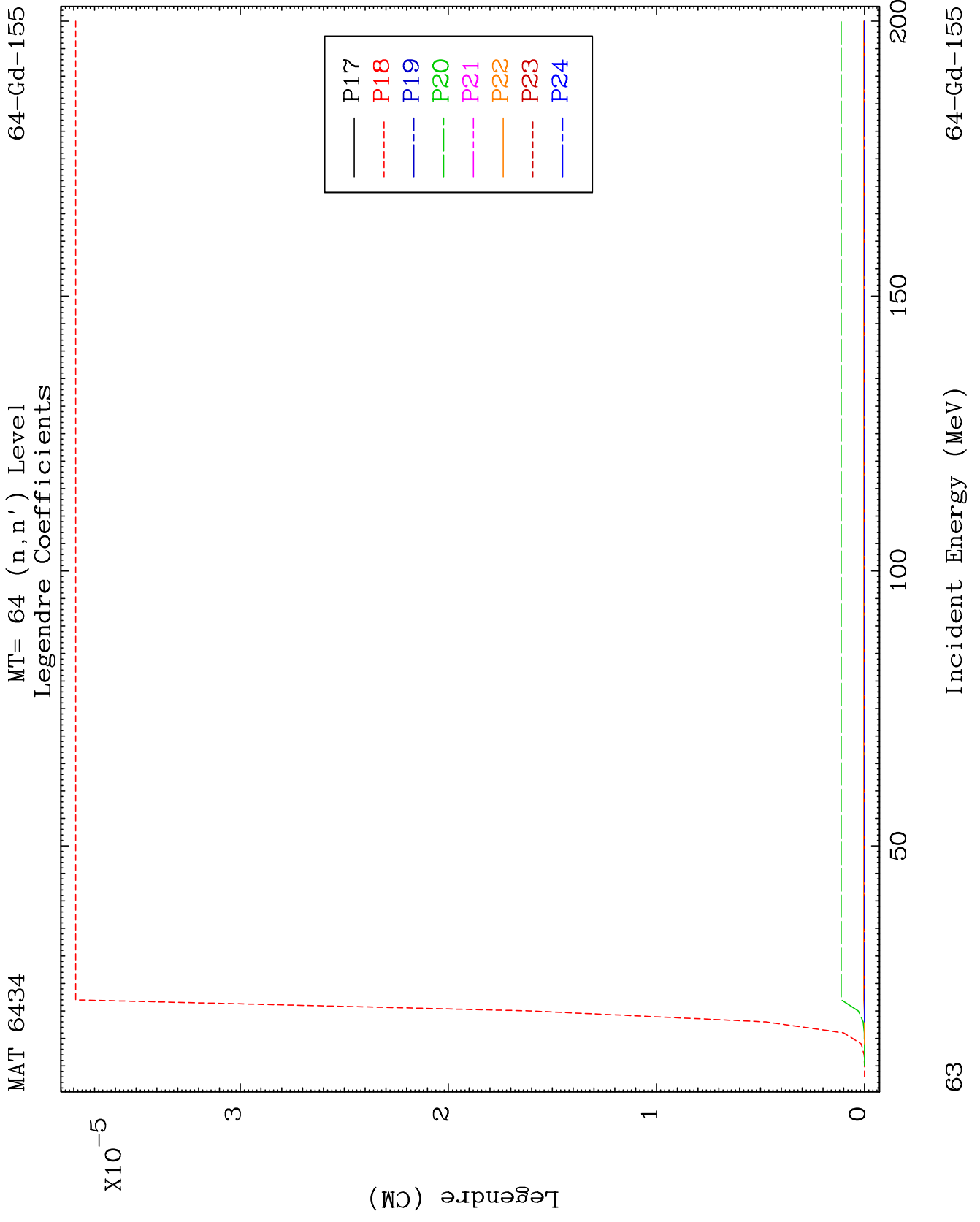
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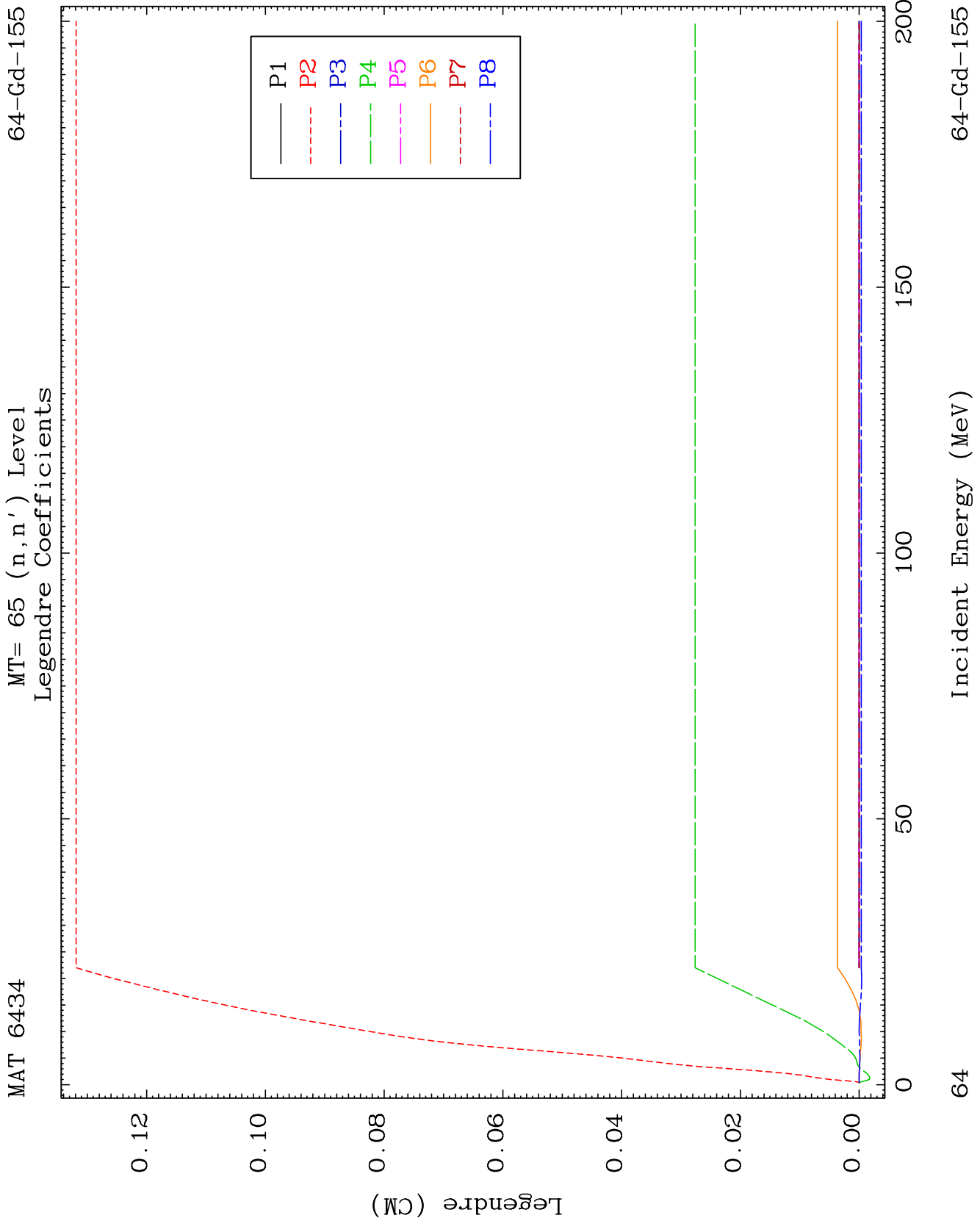


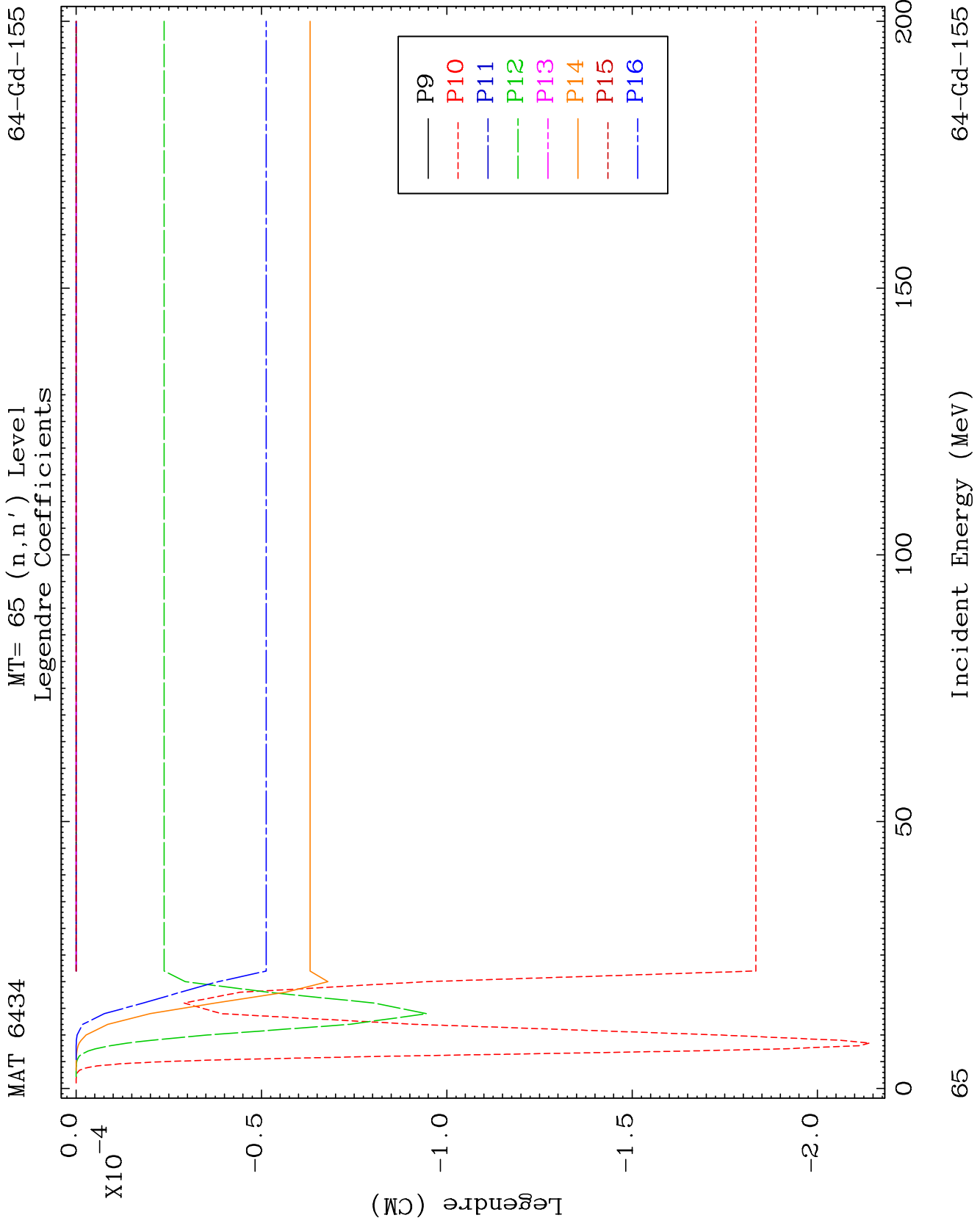


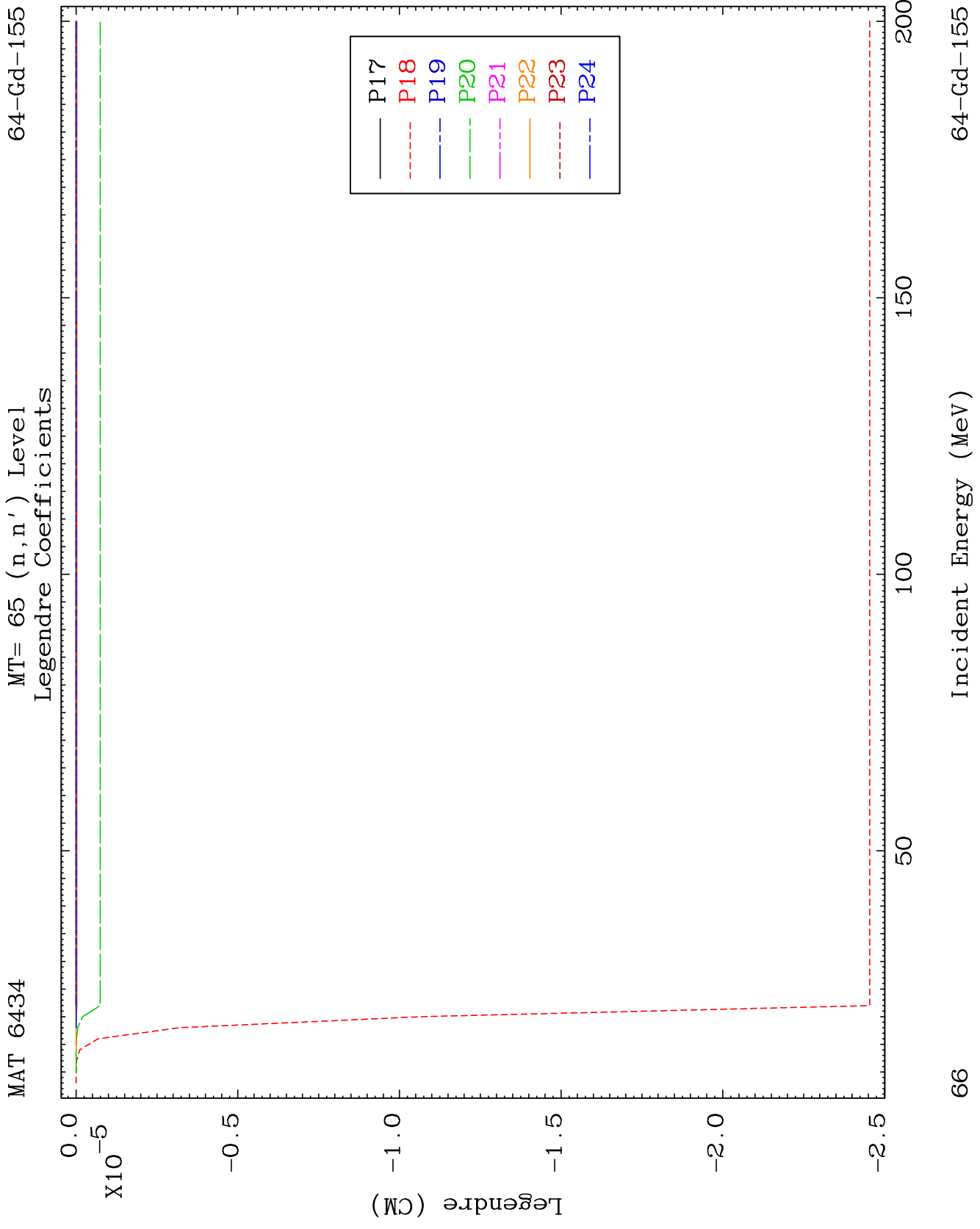


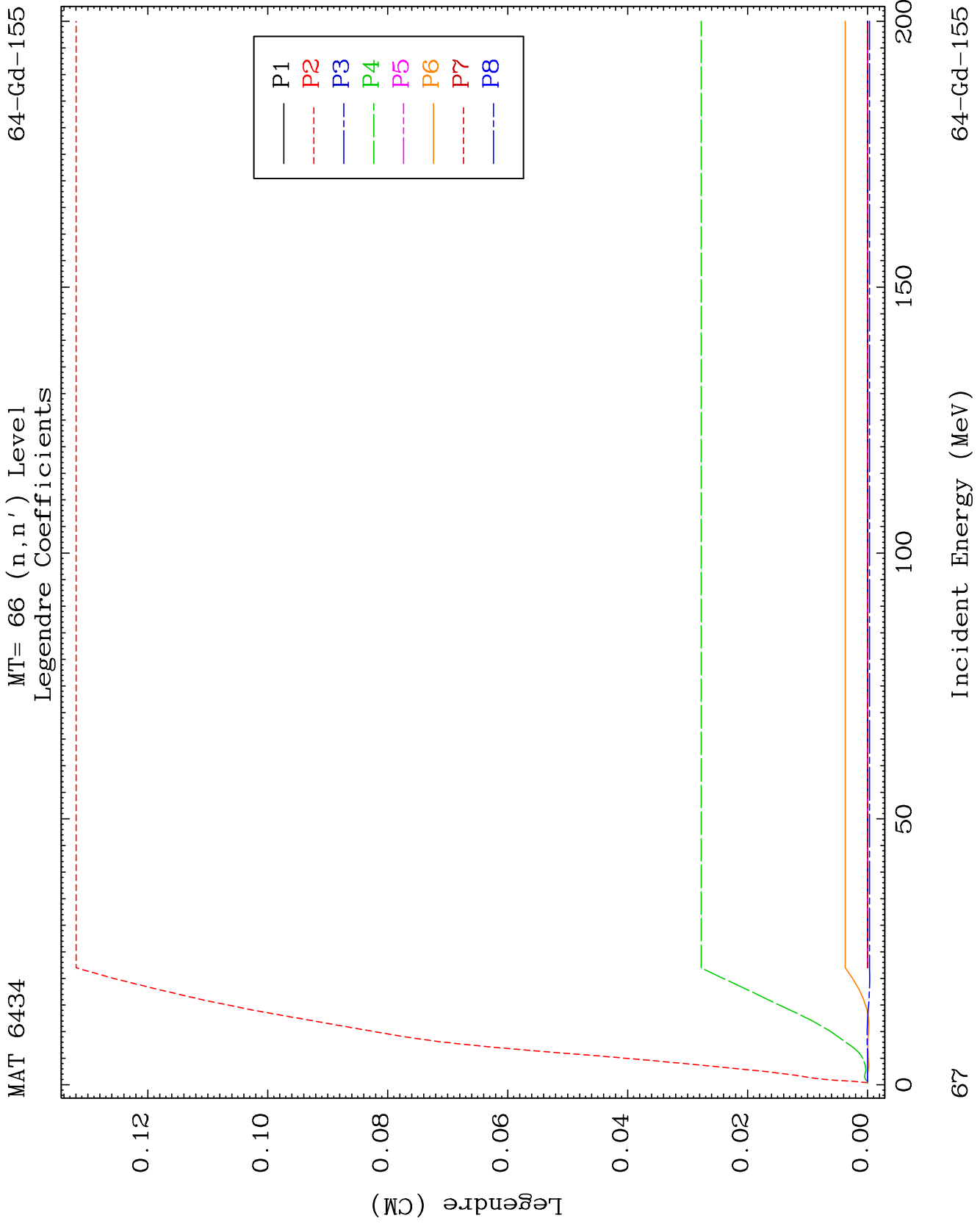


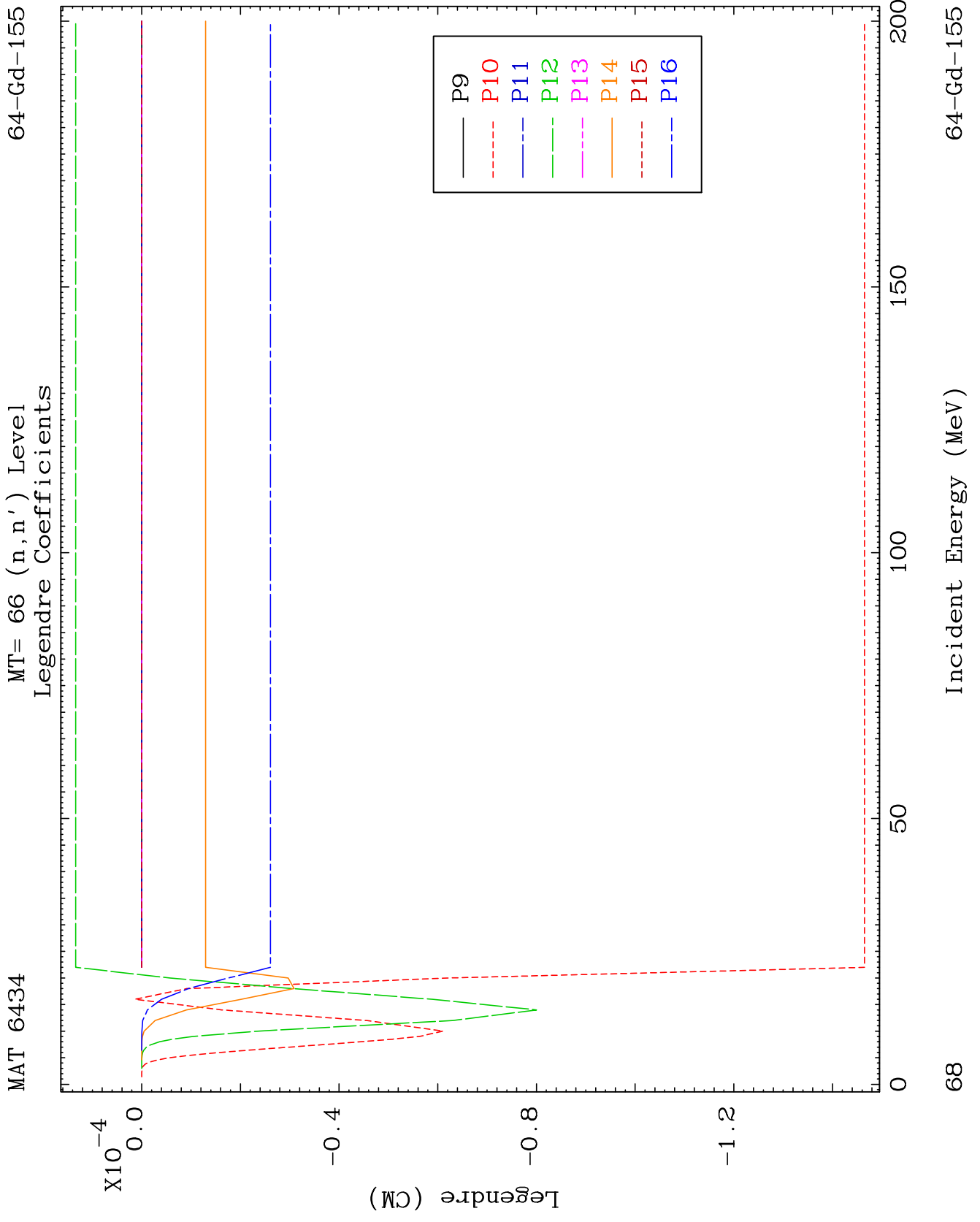


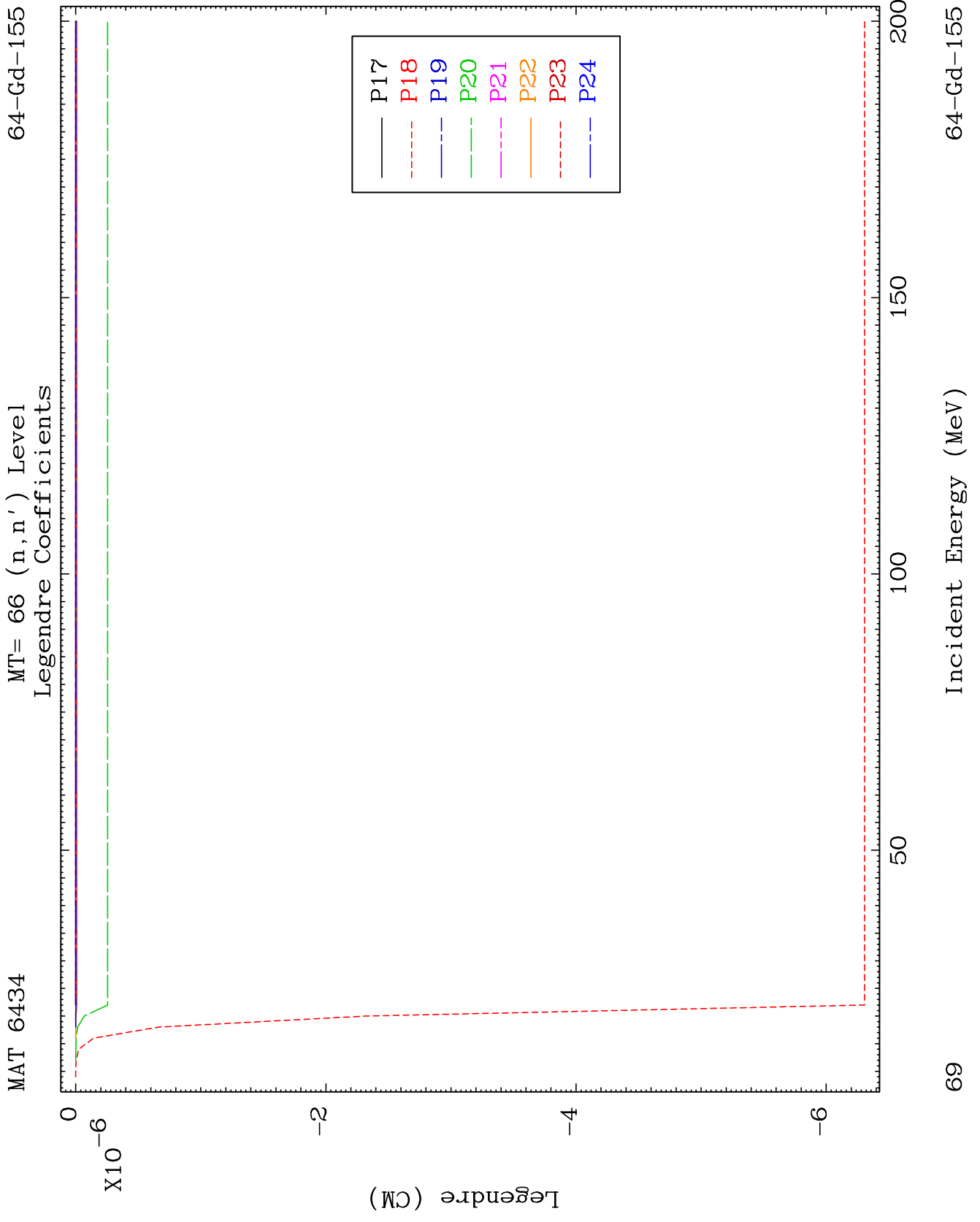


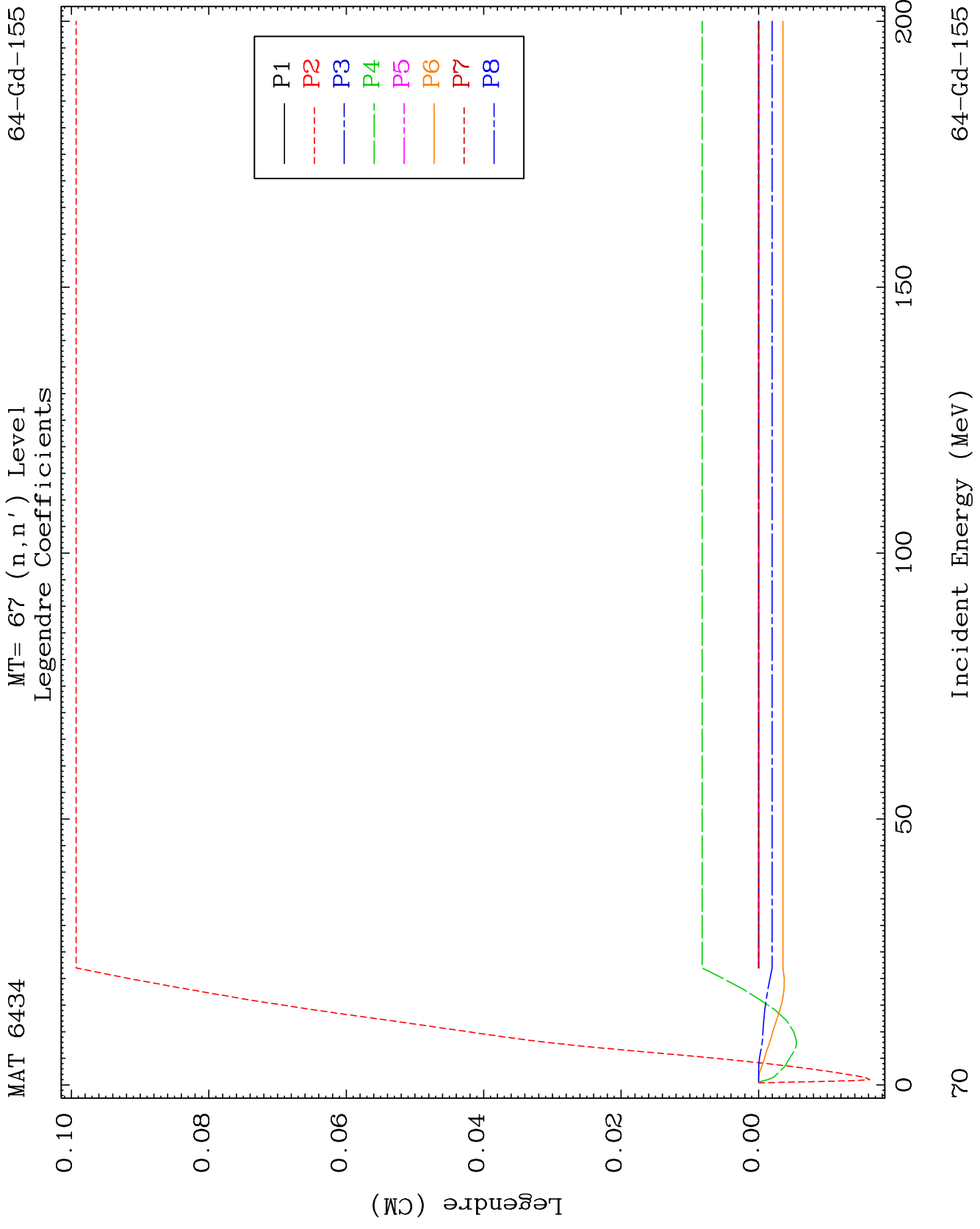










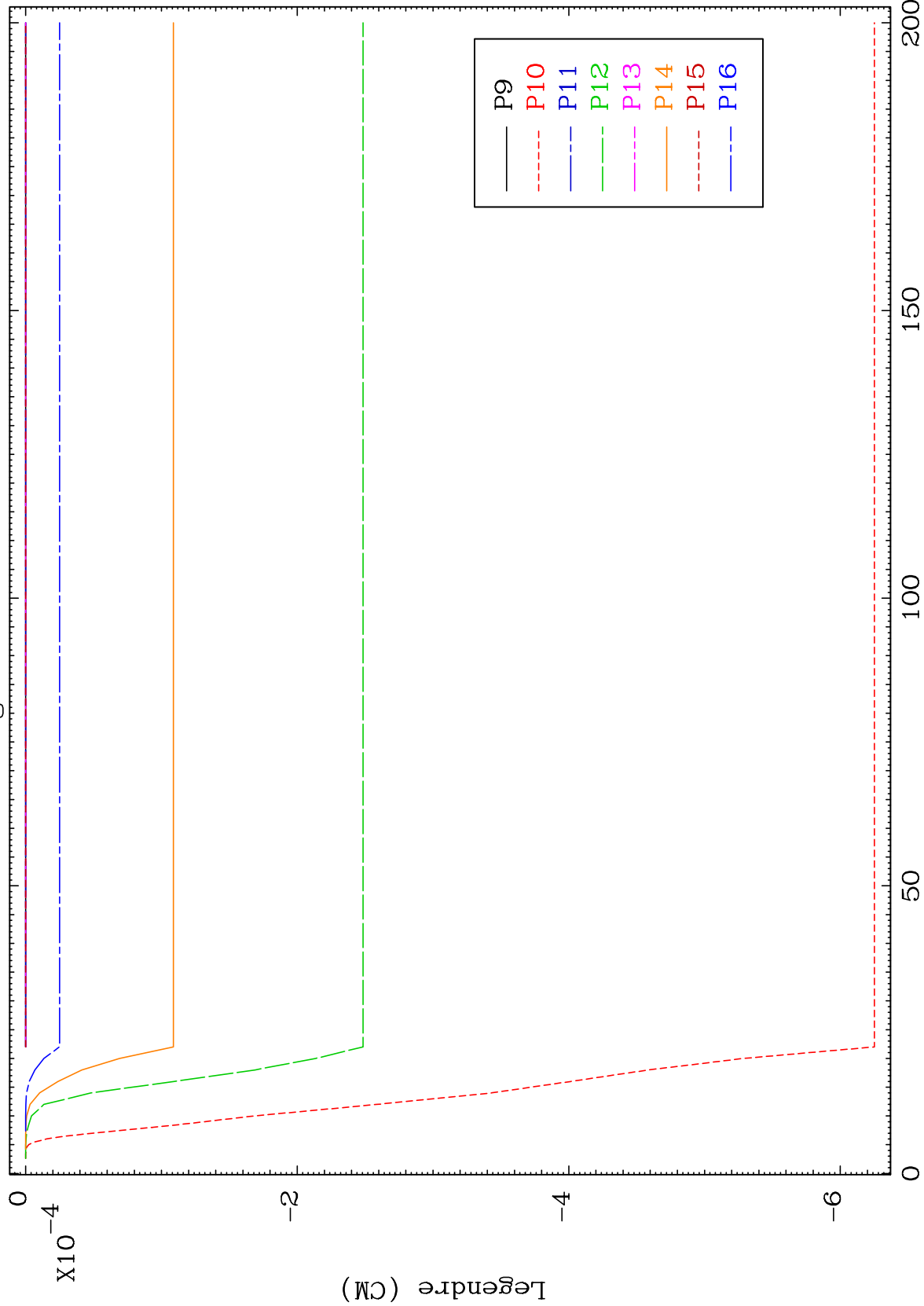


MAT 6434

MT= 67 (n,n') Level

64-Gd-155

Legendre Coefficients



71

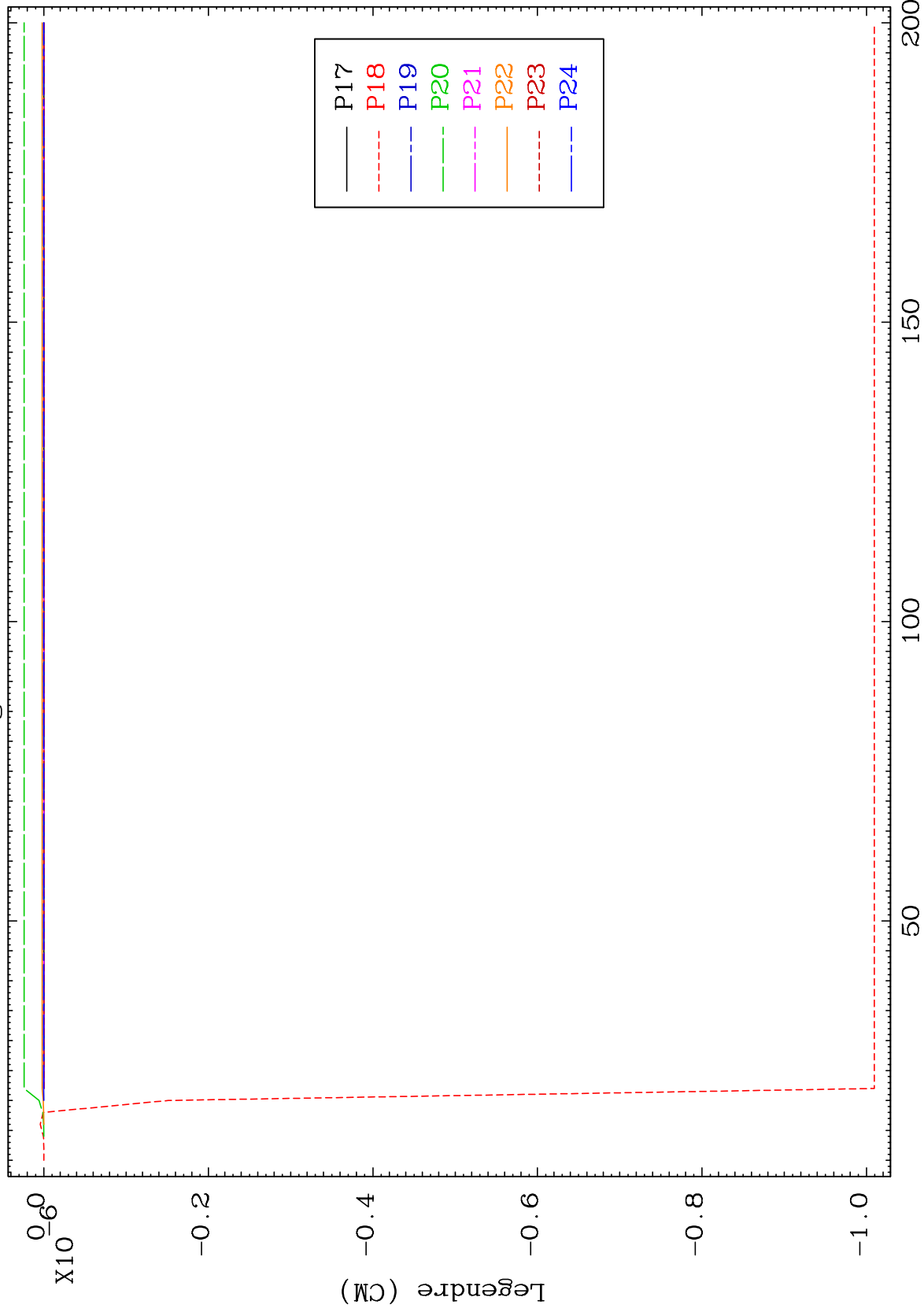
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

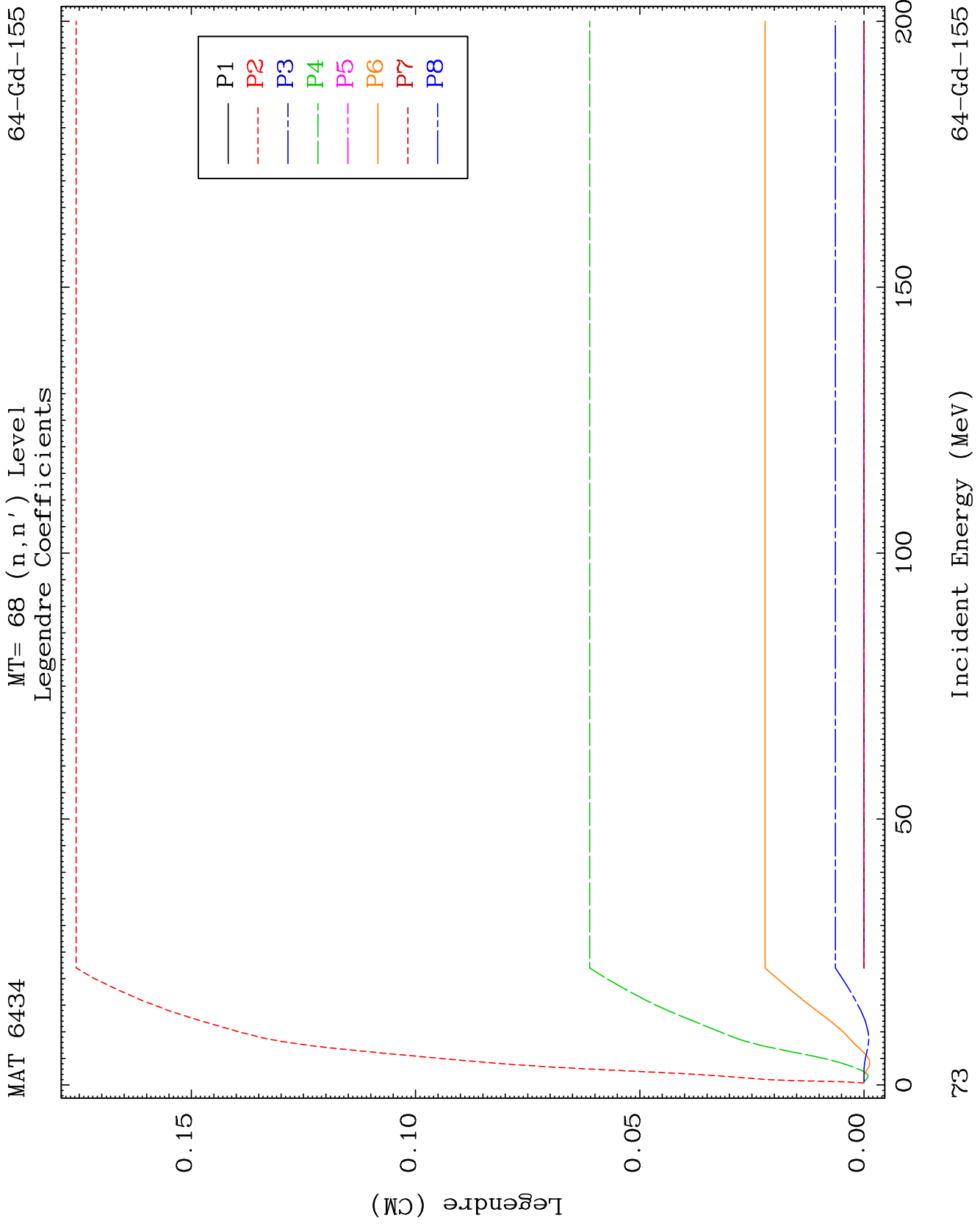
64-Gd-155



72

Incident Energy (MeV)

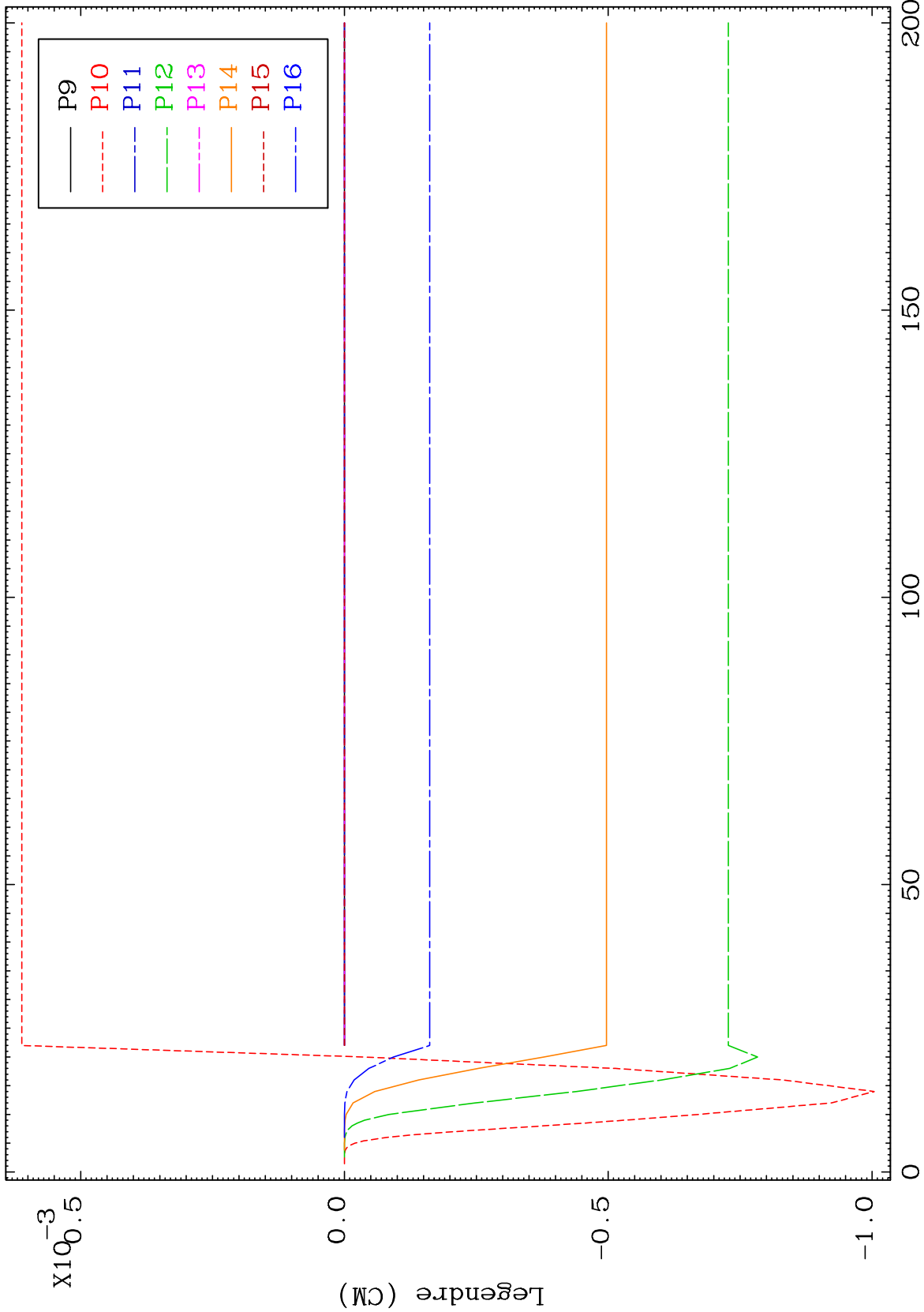
64-Gd-155



MAT 6434

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

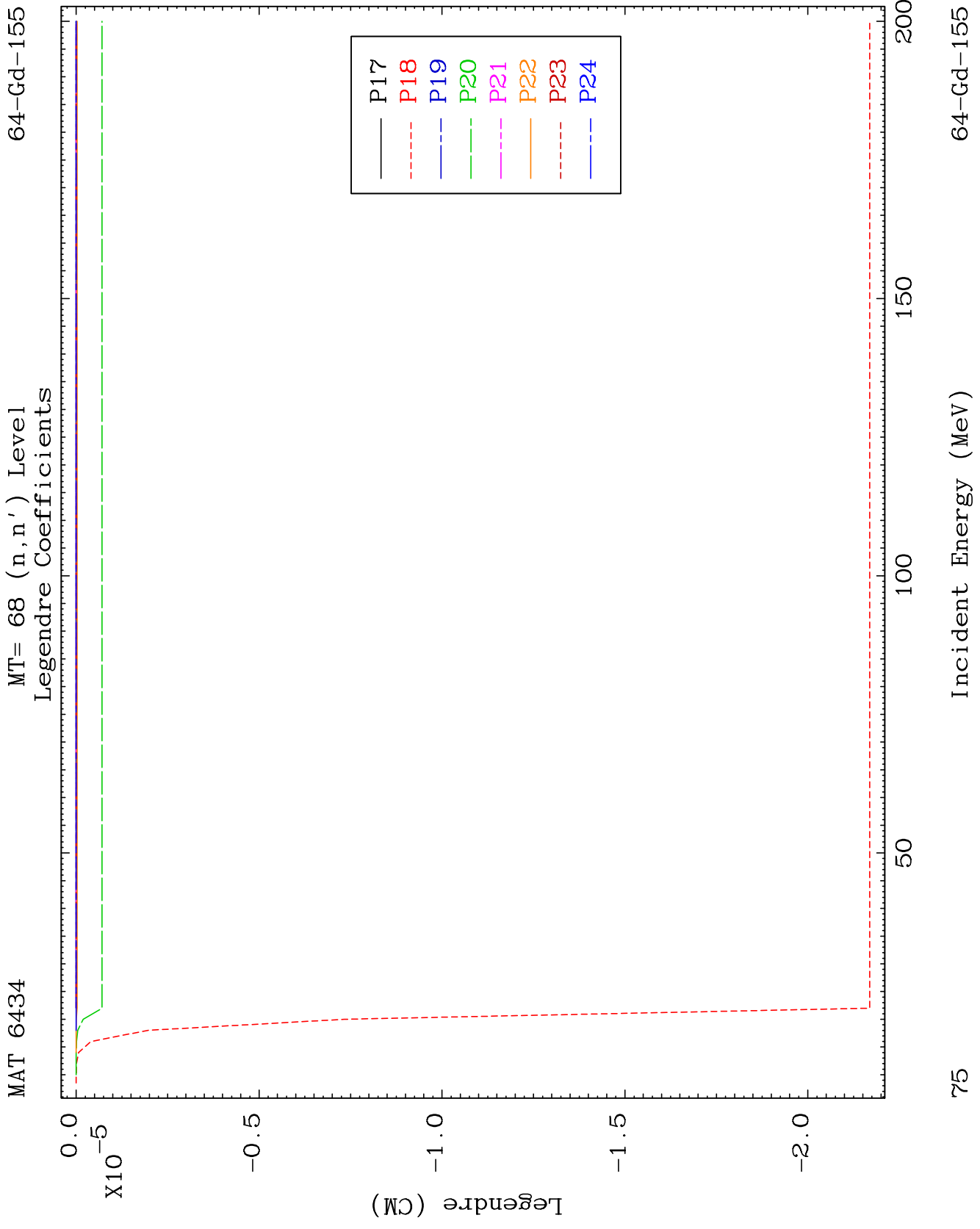
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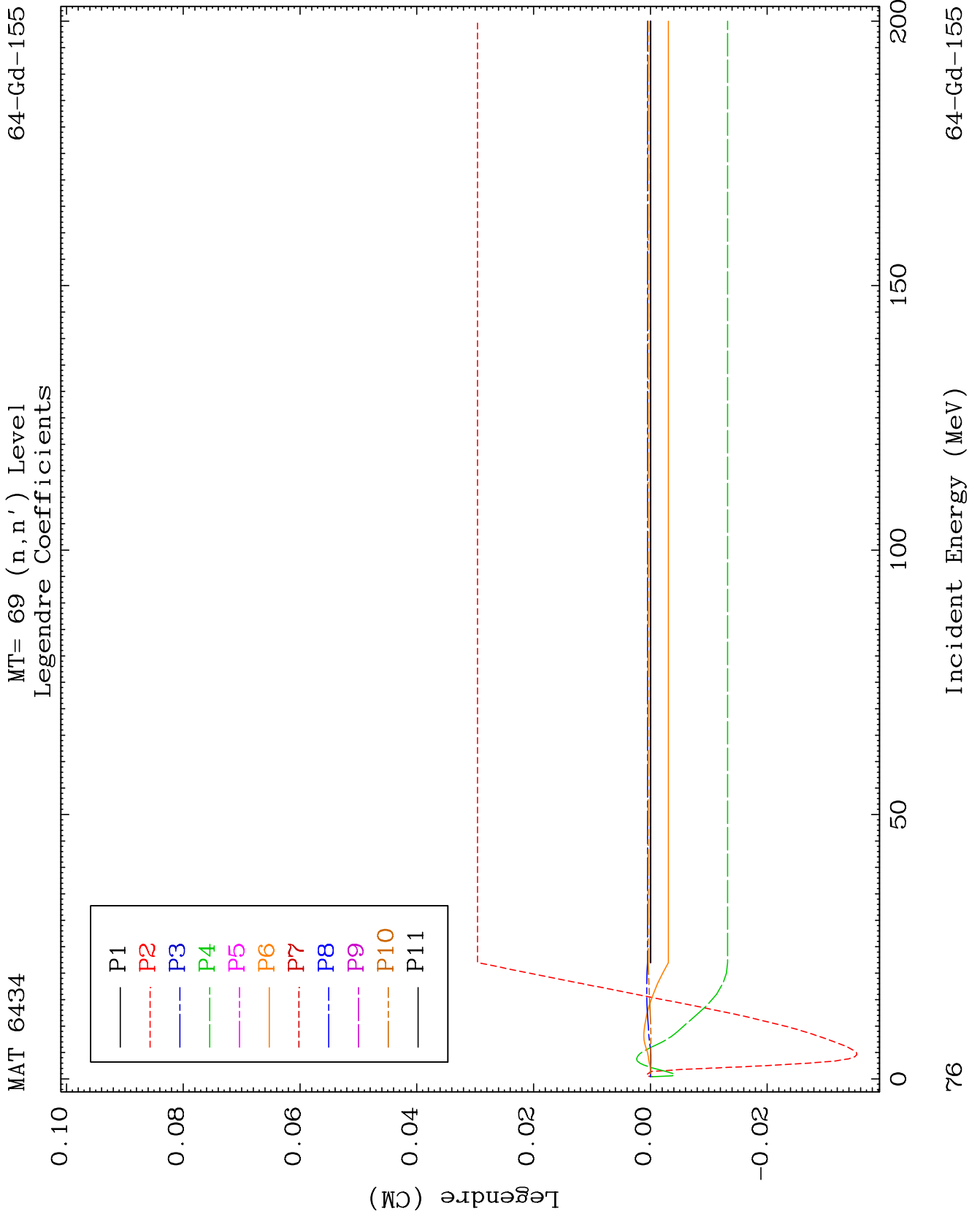


64-Gd-155

Incident Energy (MeV)

74

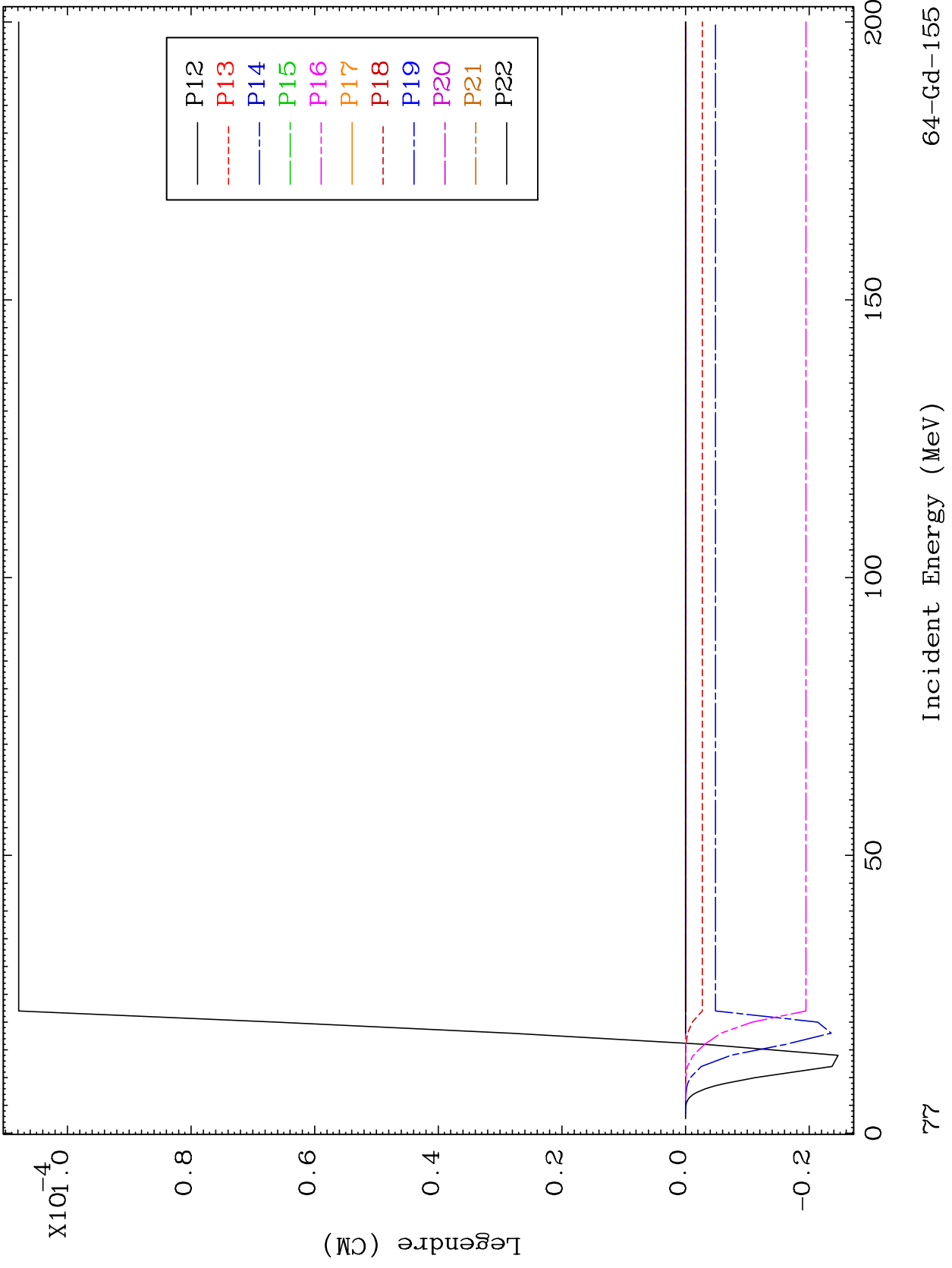


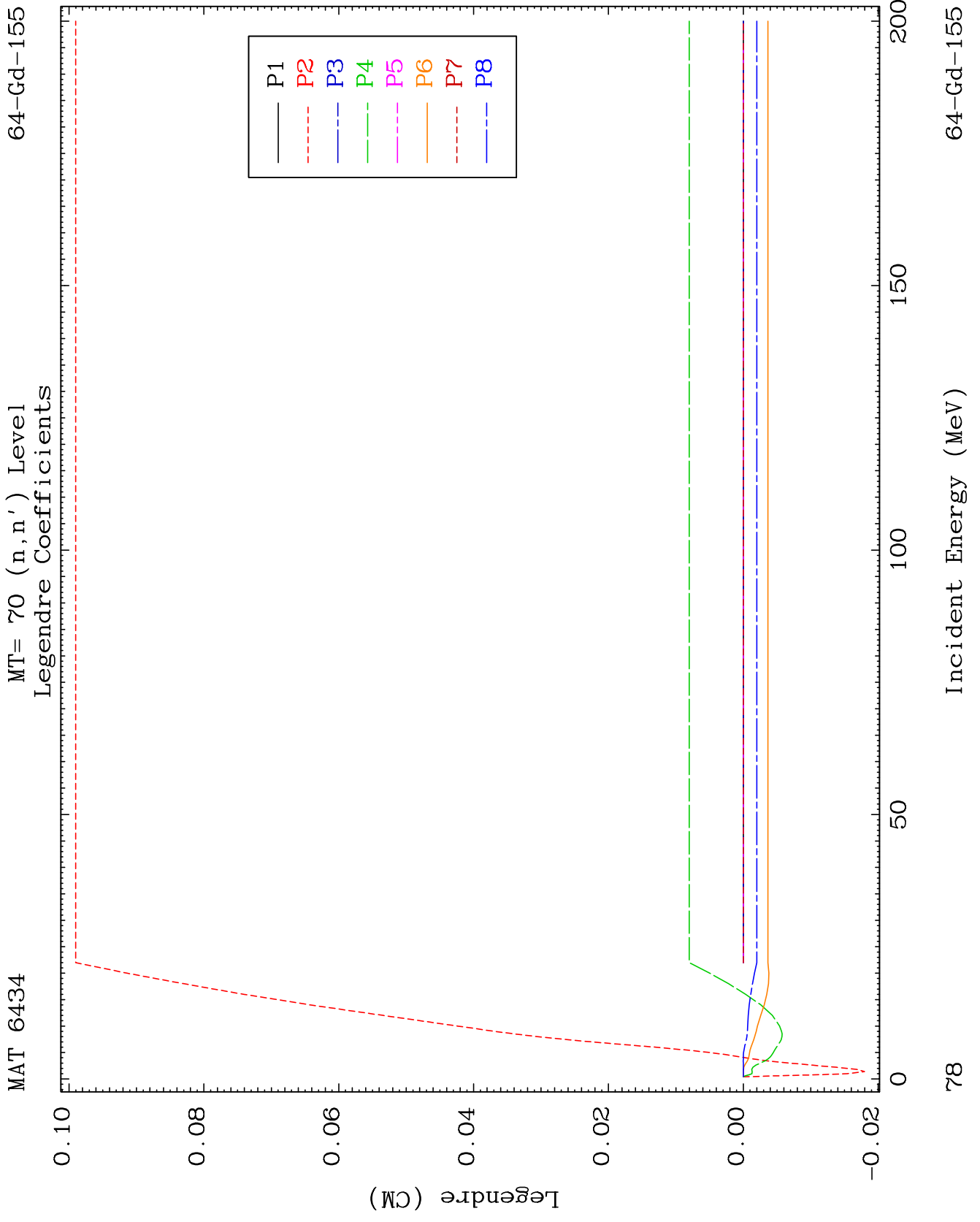


MAT 6434

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

64-Gd-155

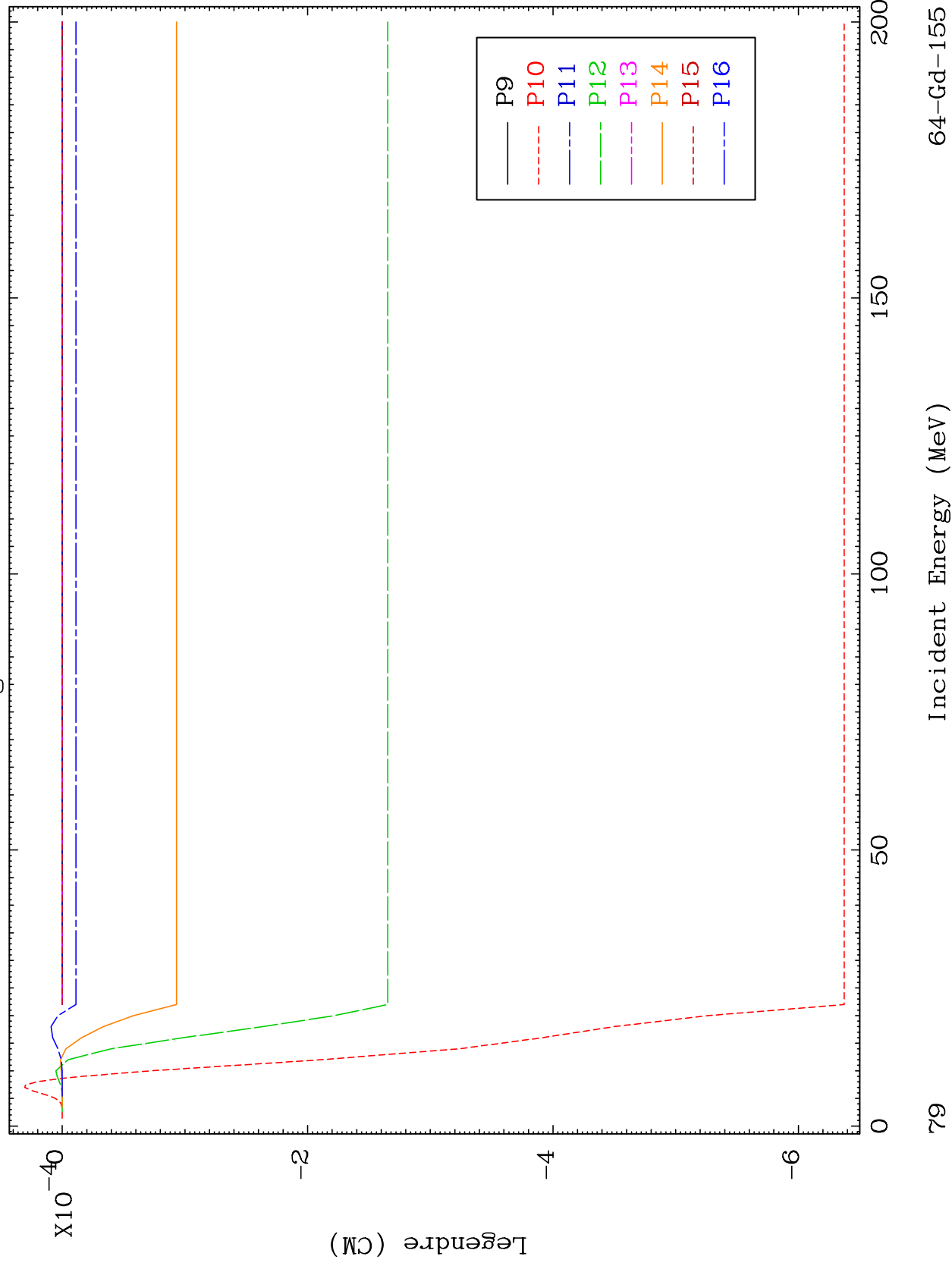




MAT 6434

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

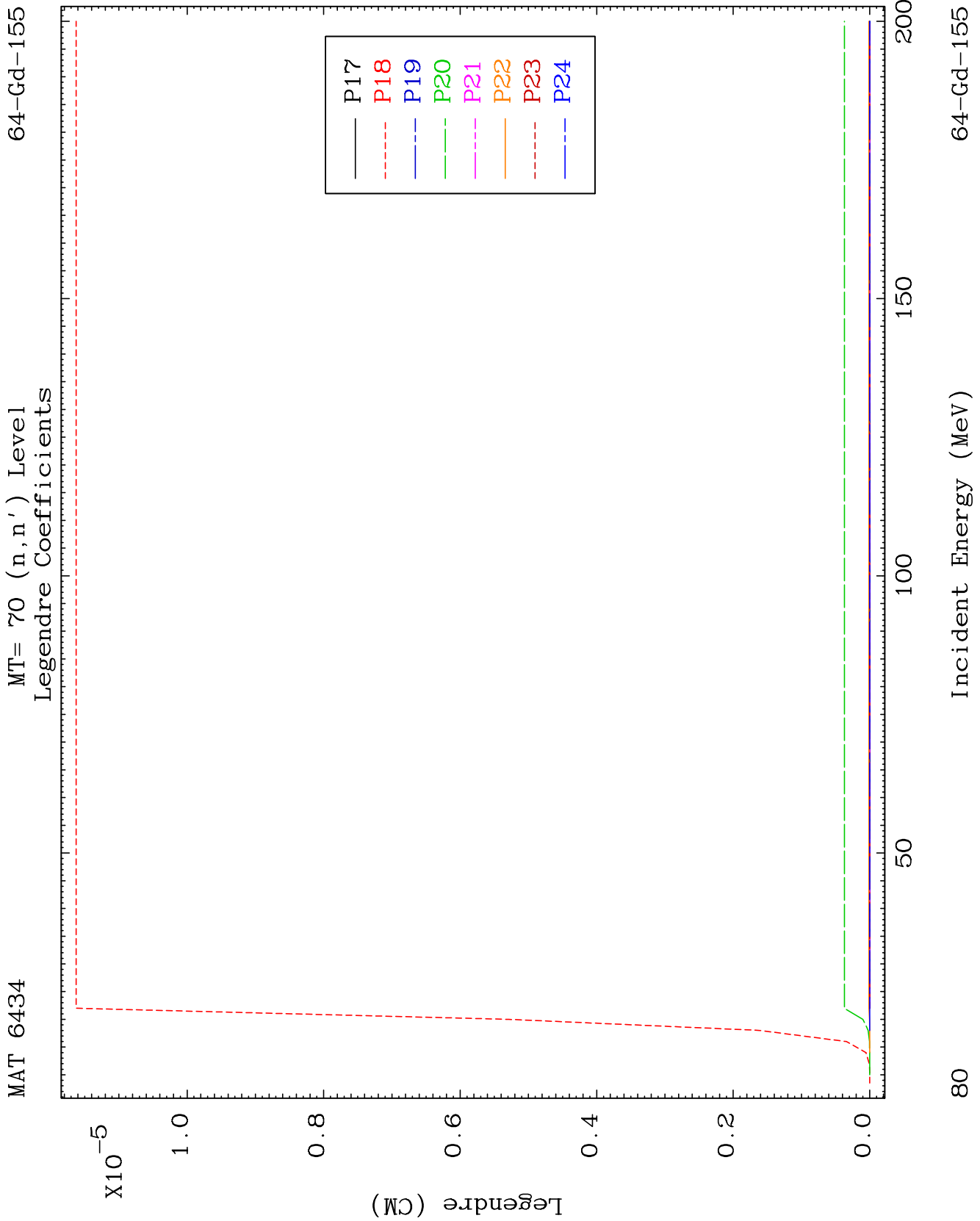
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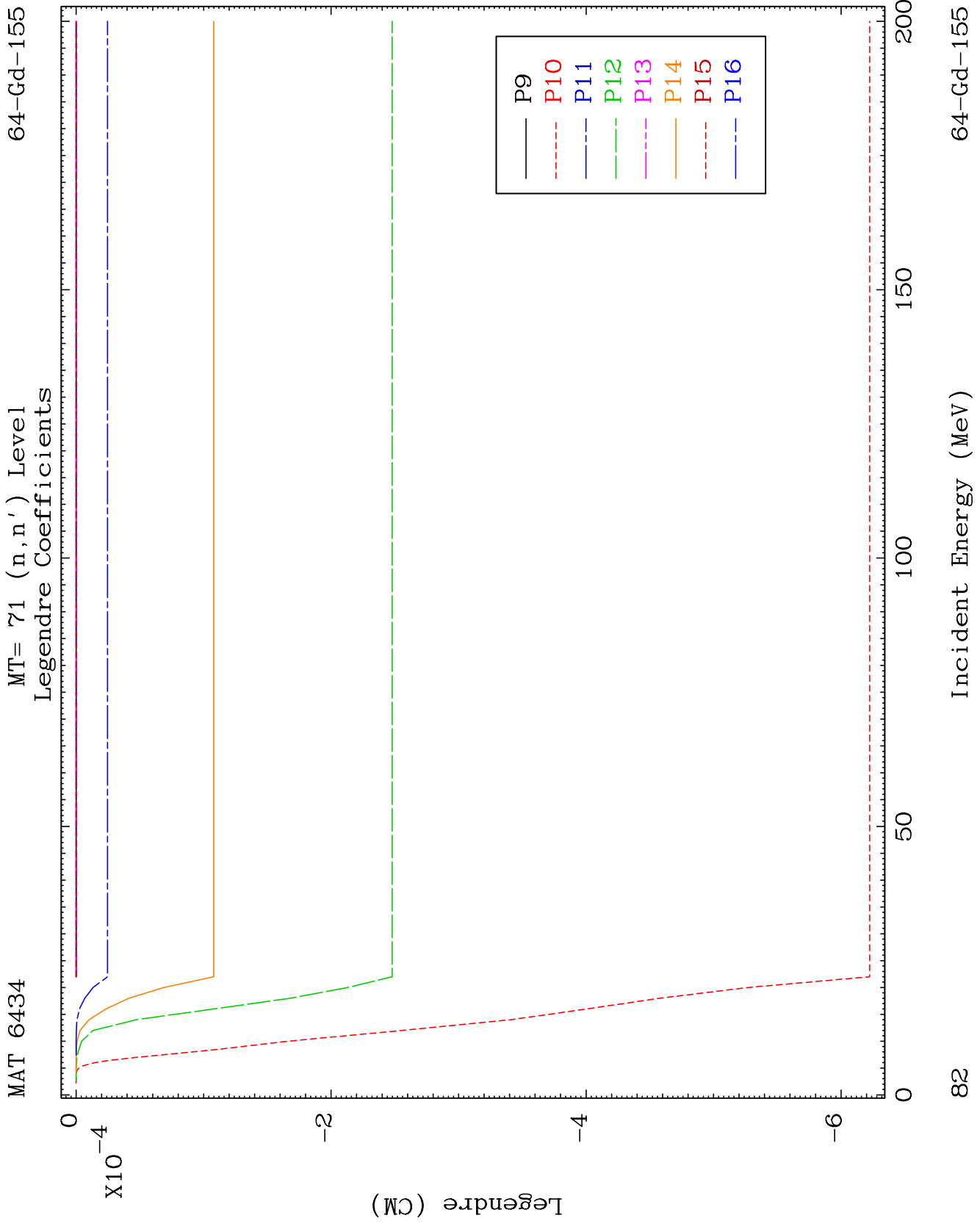
79

Incident Energy (MeV)

64-Gd-155



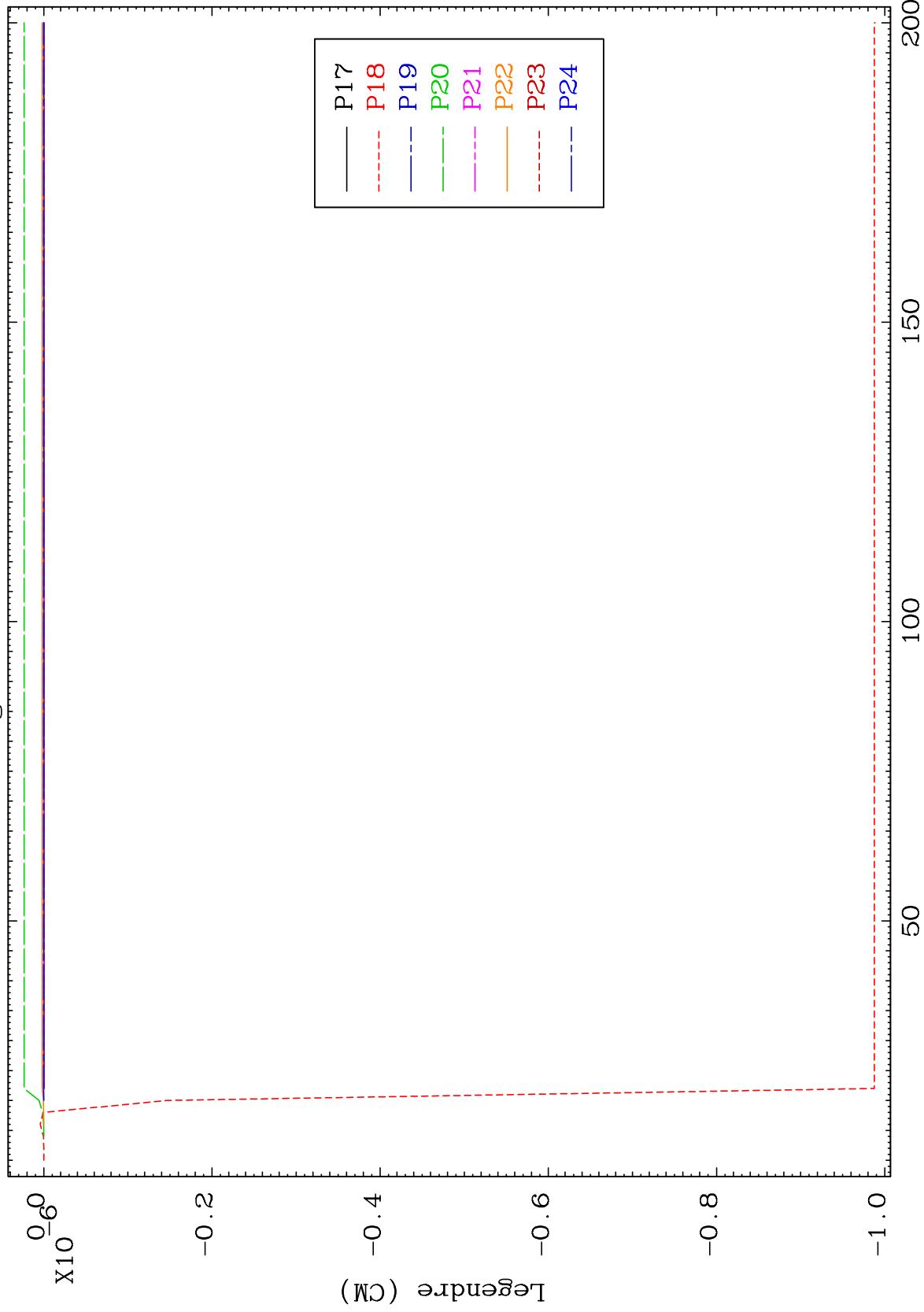




MAT 6434

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

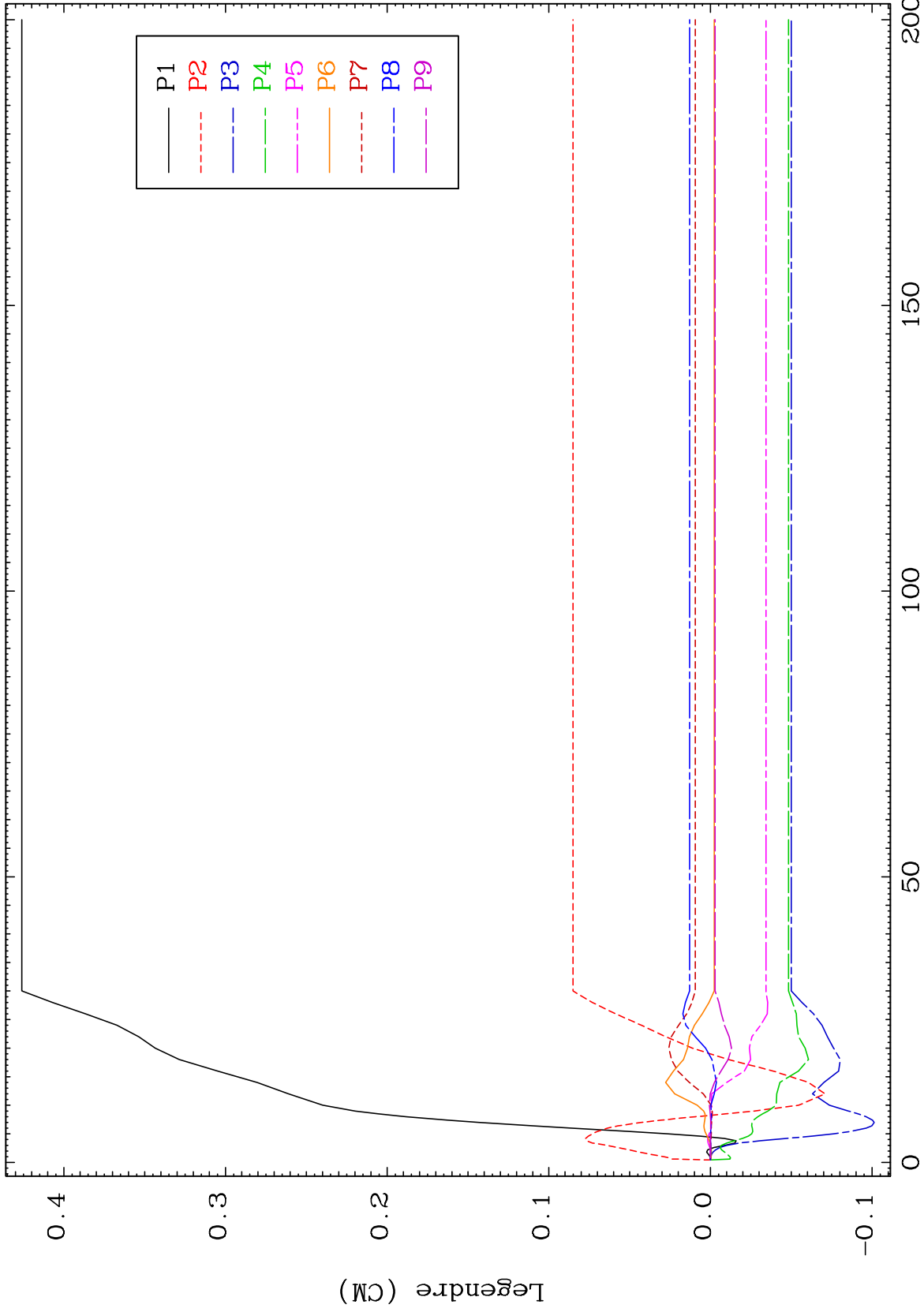
64-Gd-155



MAT 6434

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

64-Gd-155



84

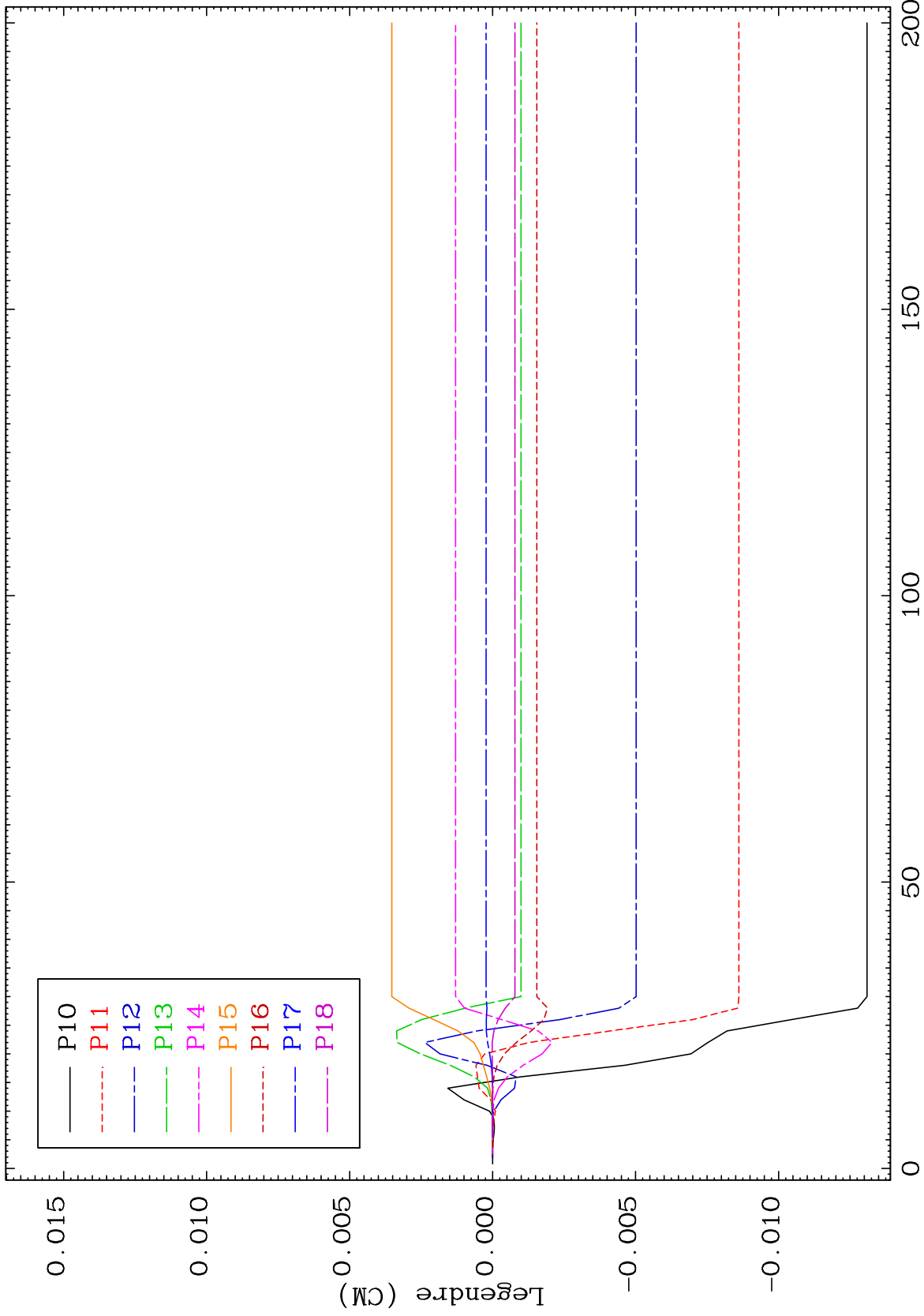
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

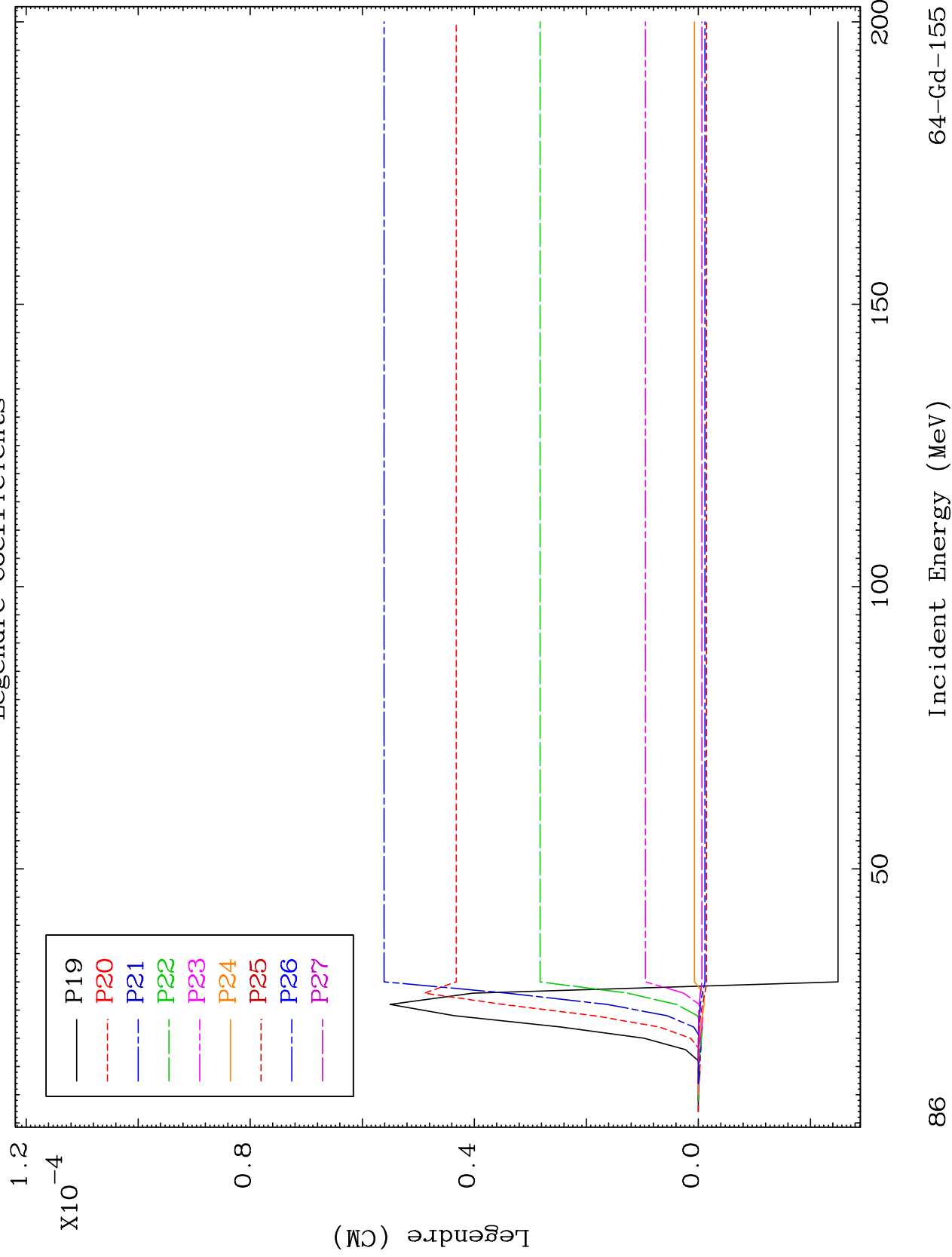
64-Gd-155

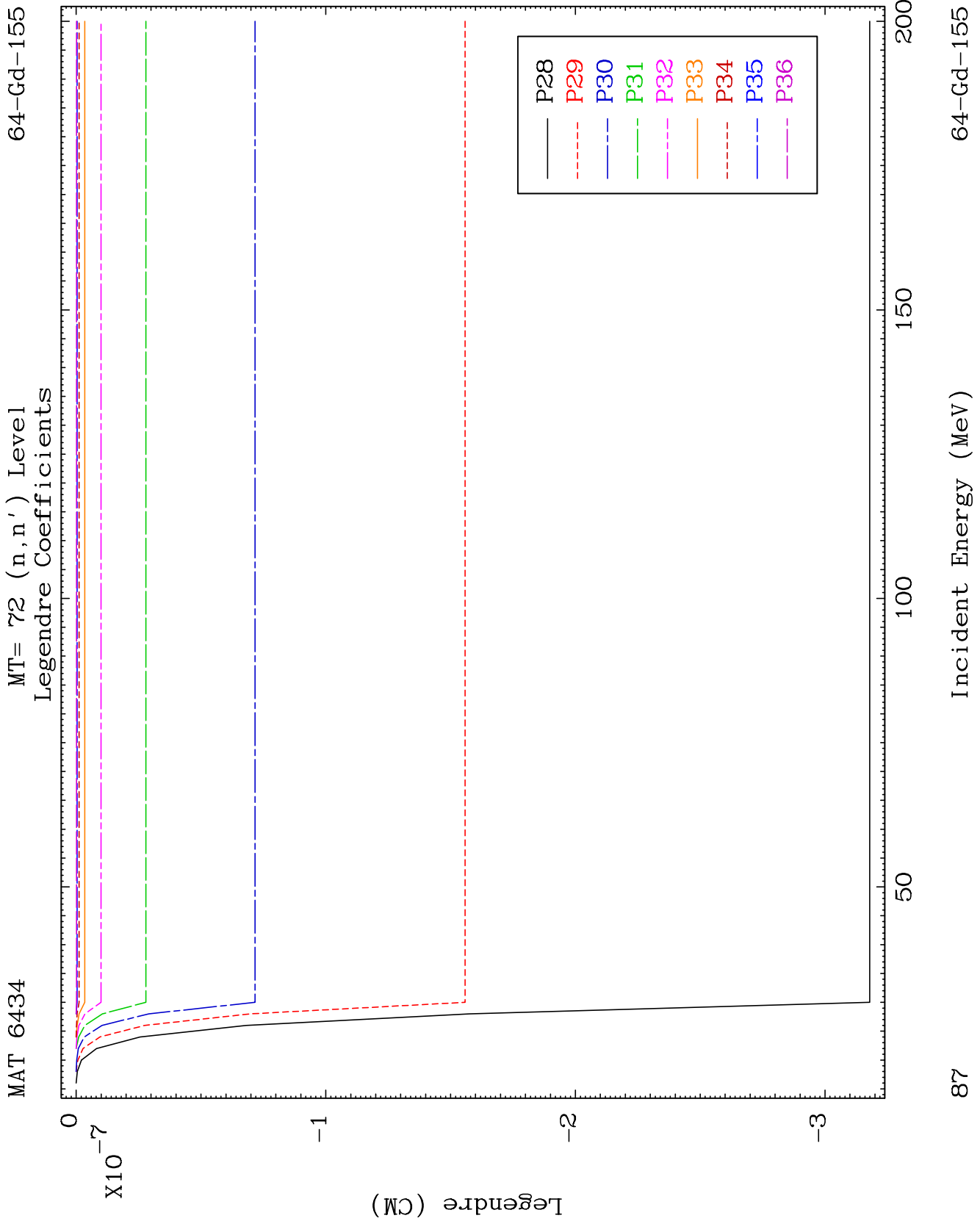


85

Incident Energy (MeV)

64-Gd-155

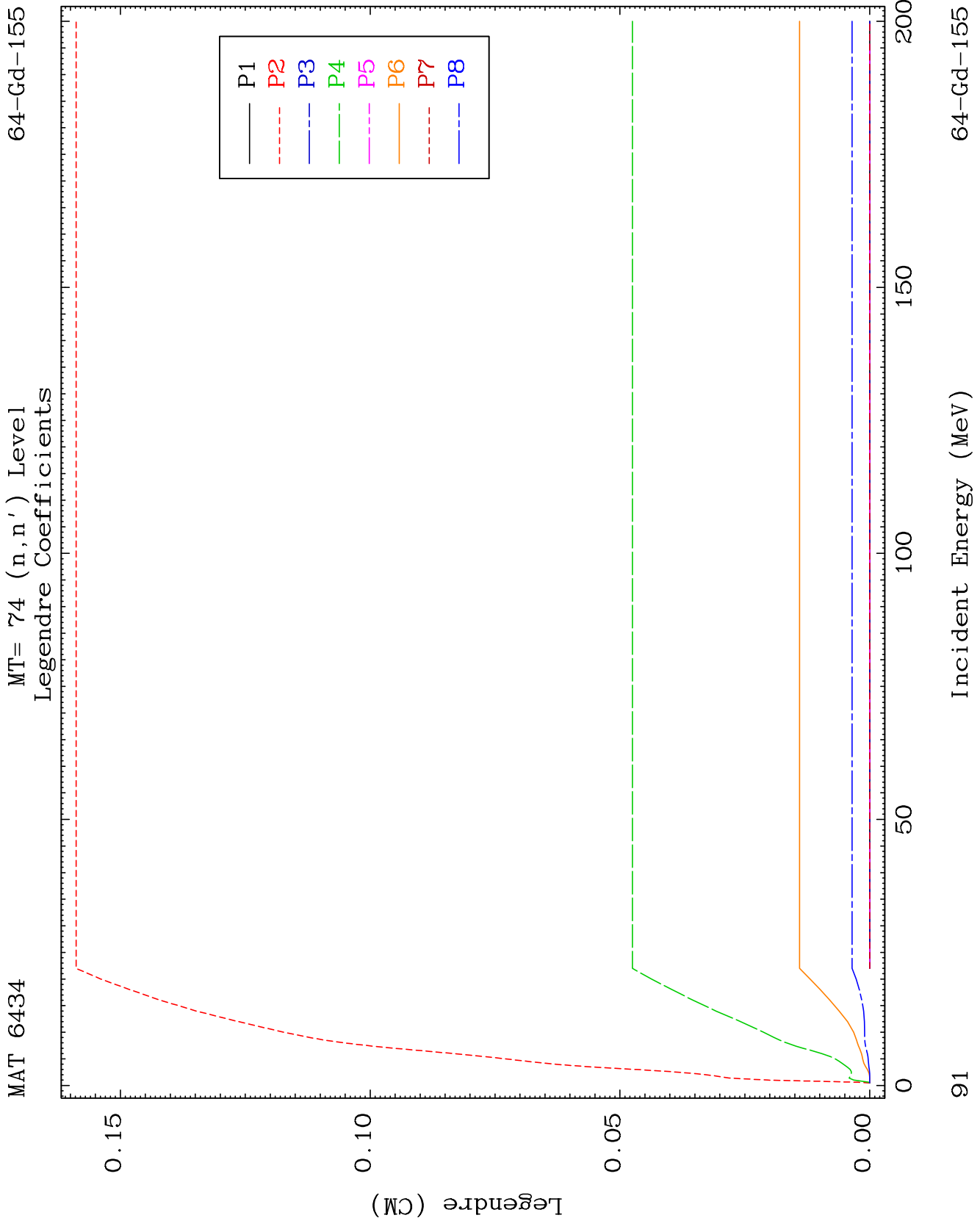


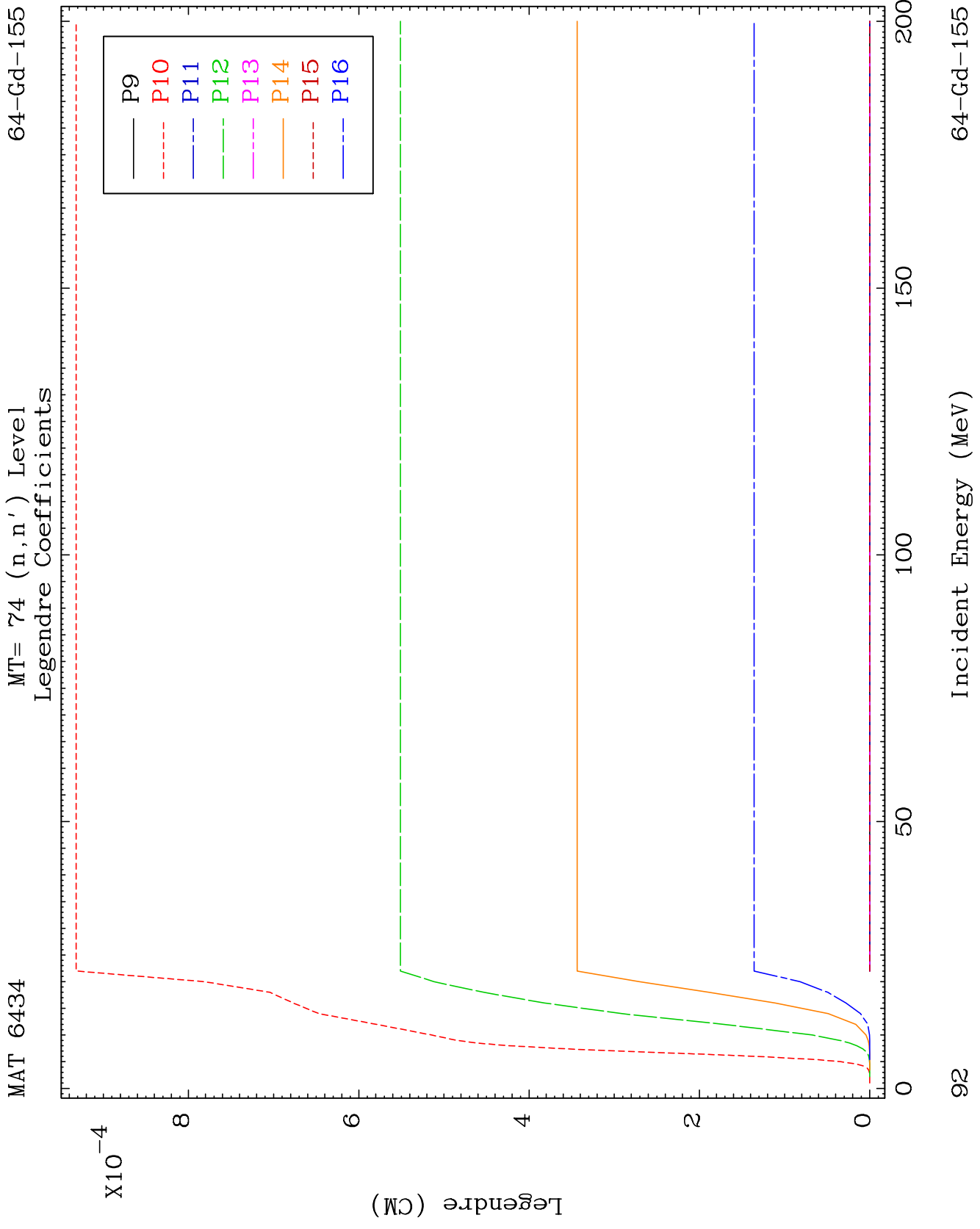




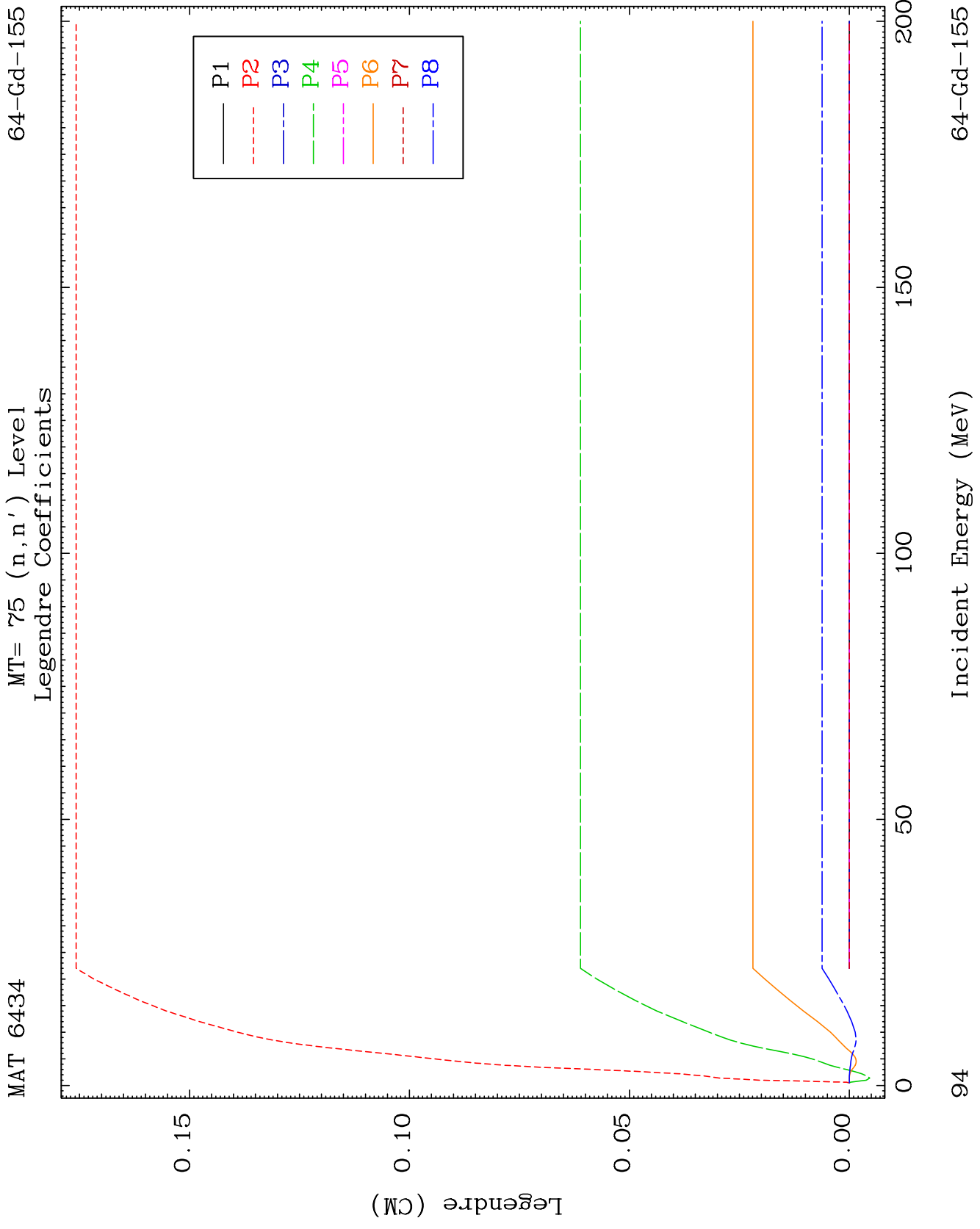








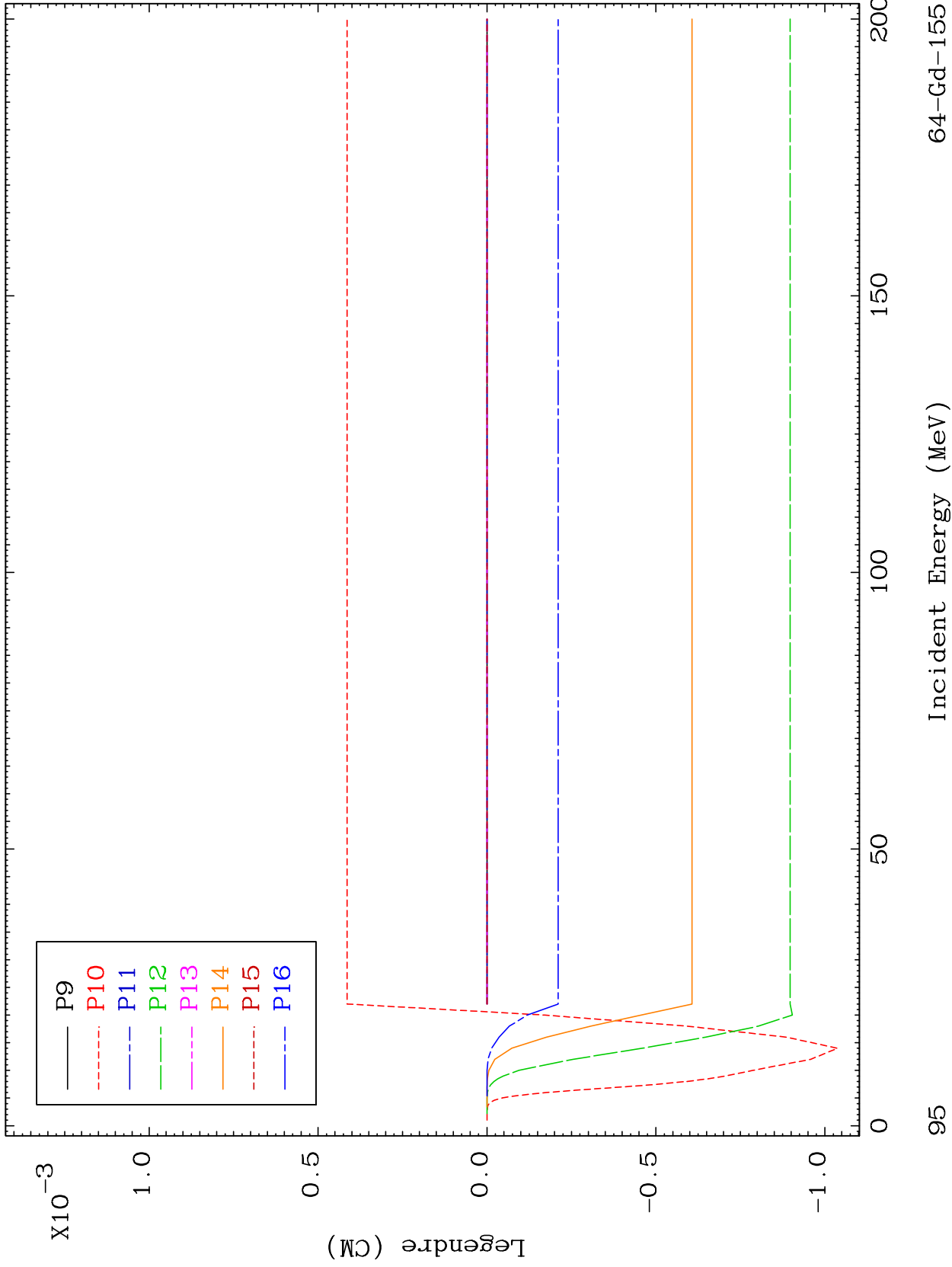




MAT 6434

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

64-Gd-155



64-Gd-155

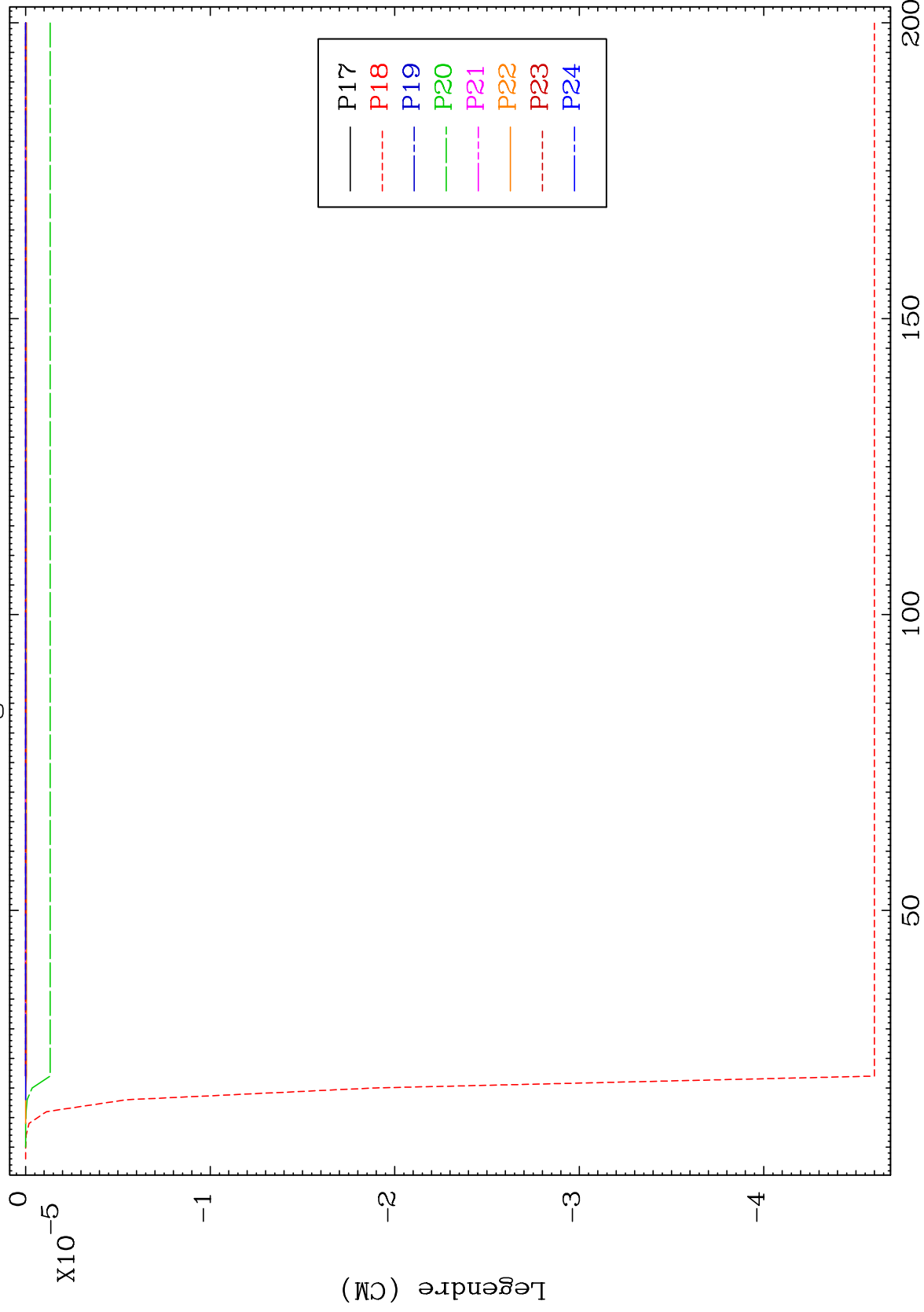
Incident Energy (MeV)

95

MAT 6434

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

64-Gd-155



96

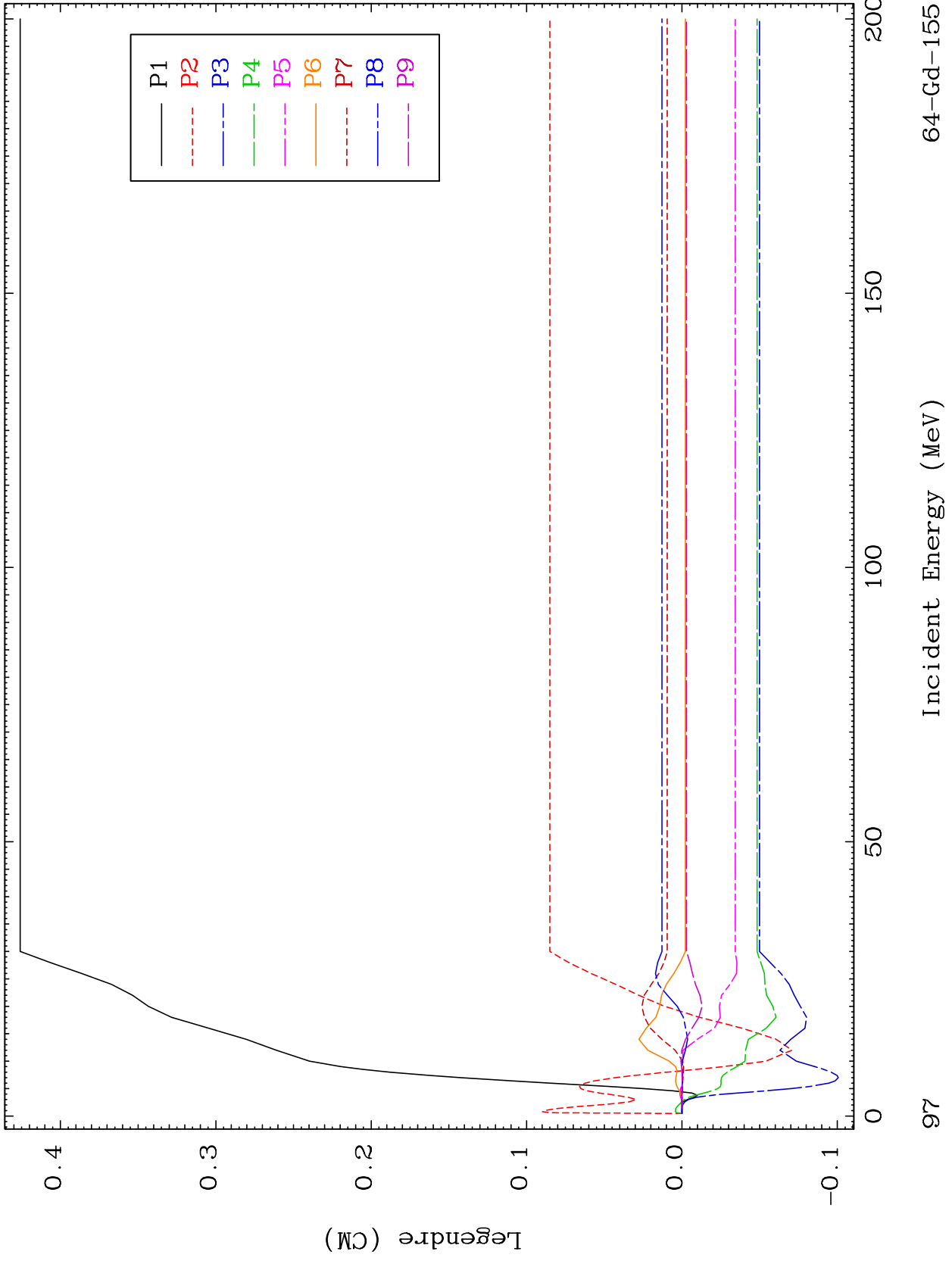
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

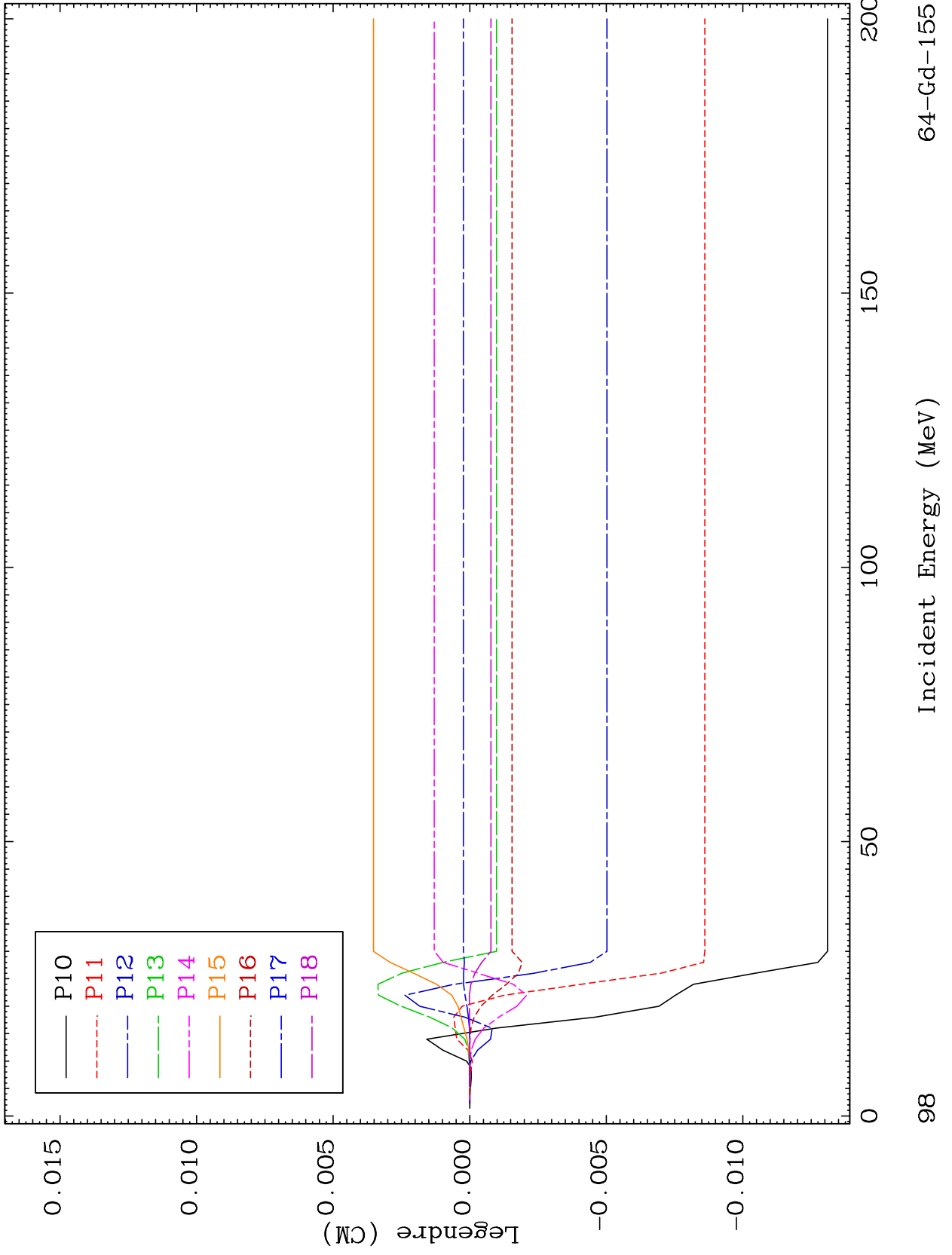
64-Gd-155



MAT 6434

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

64-Gd-155



98

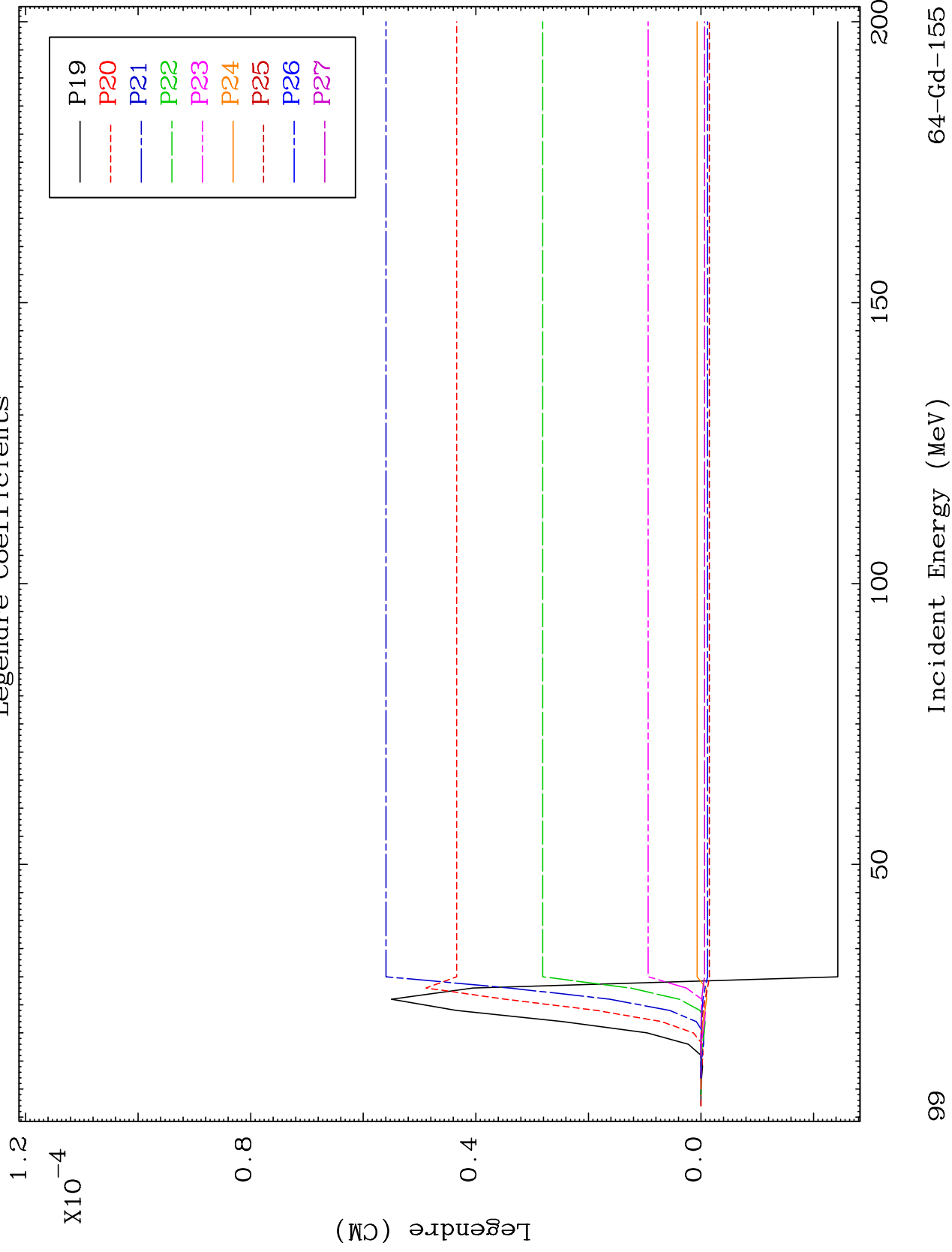
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

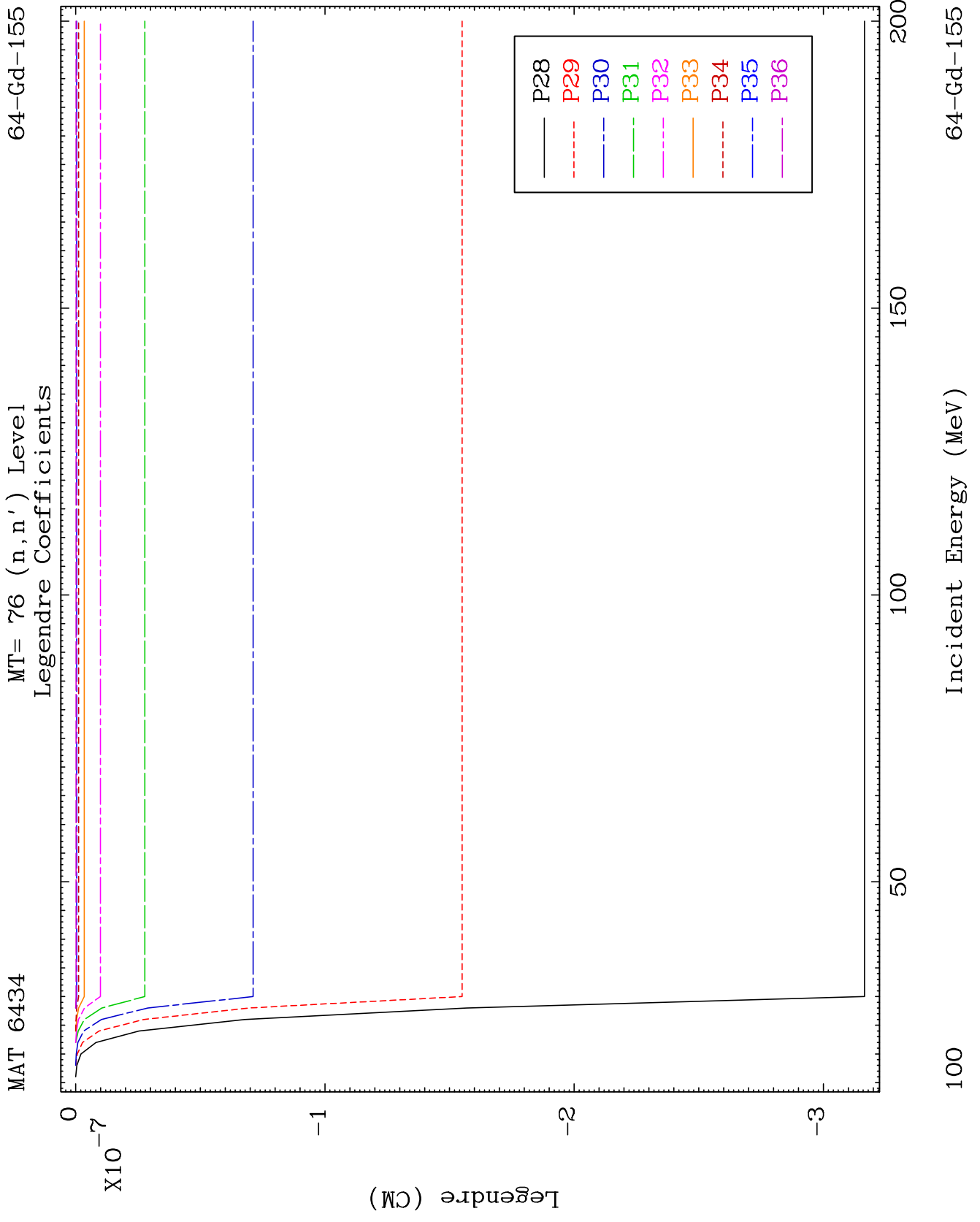
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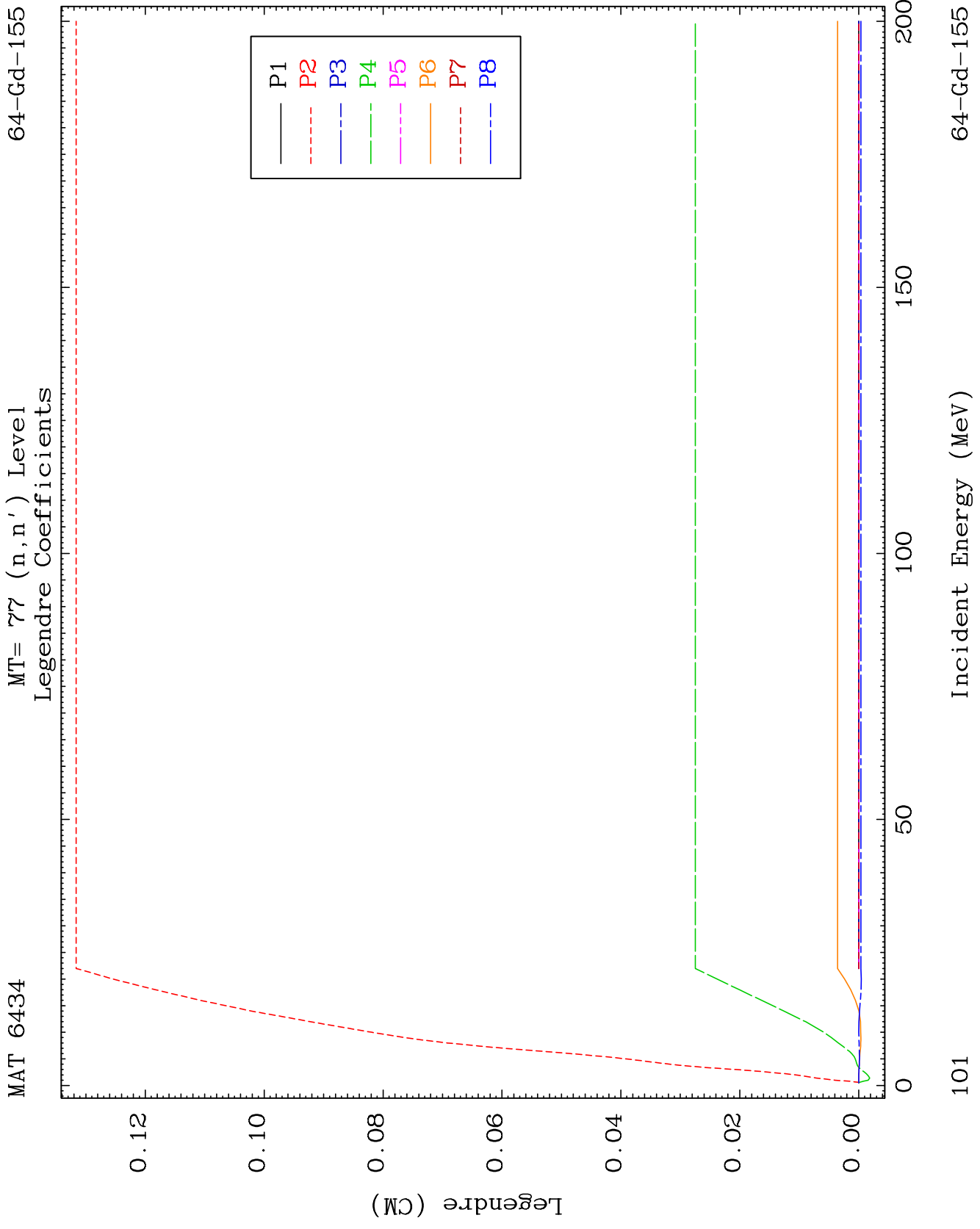


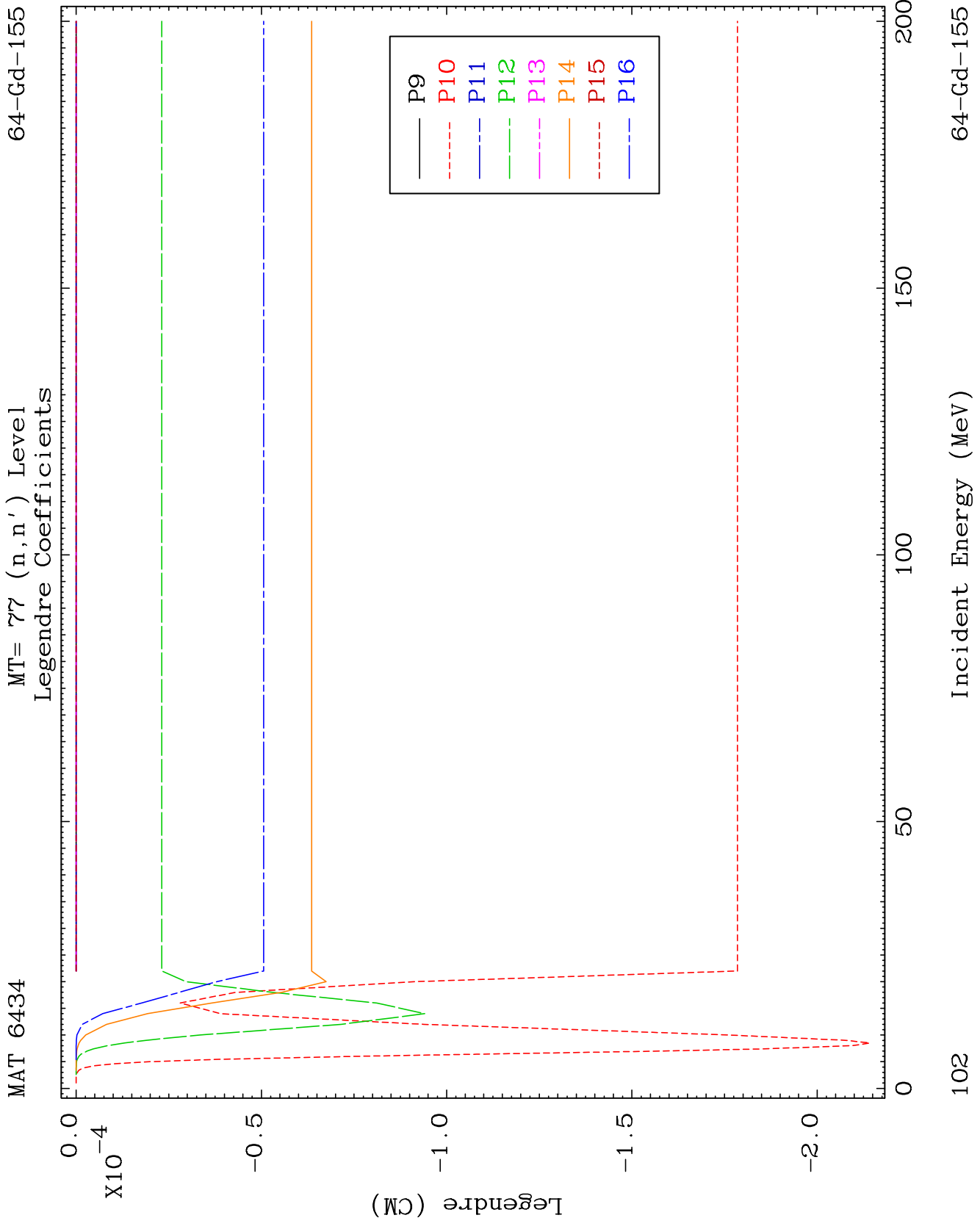
99

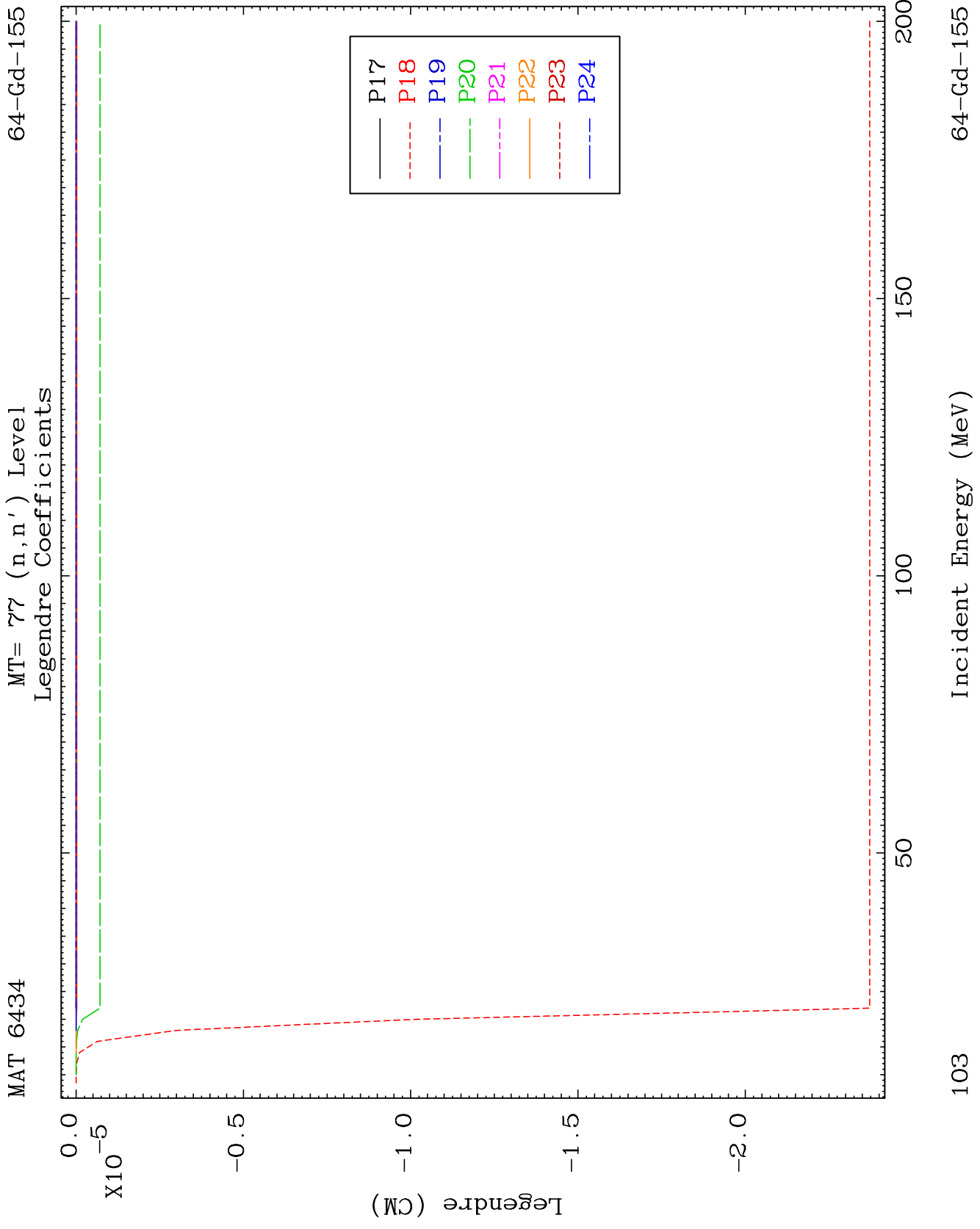
Incident Energy (MeV)

64-Gd-155





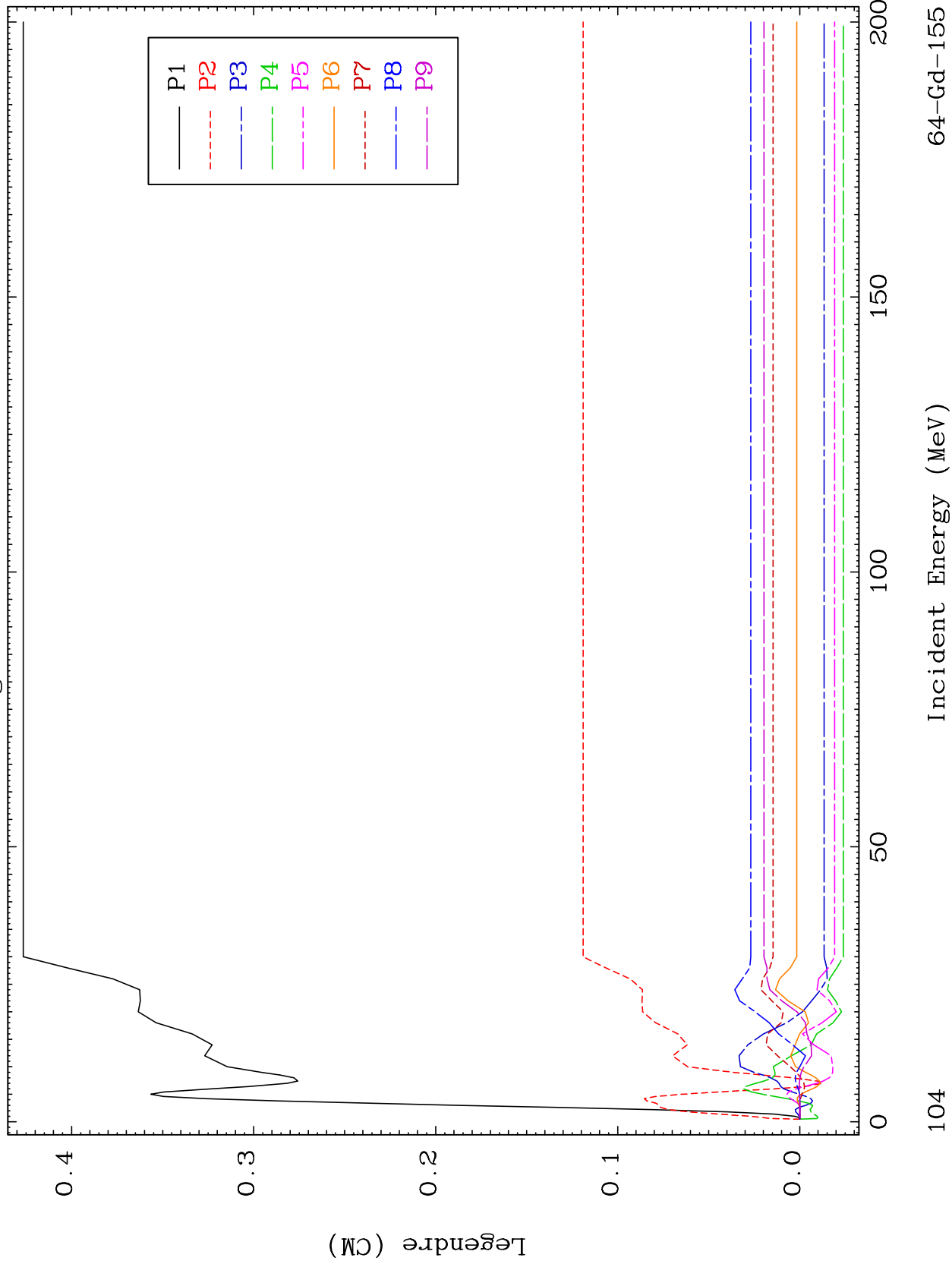




MAT 6434

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

64-Gd-155



64-Gd-155

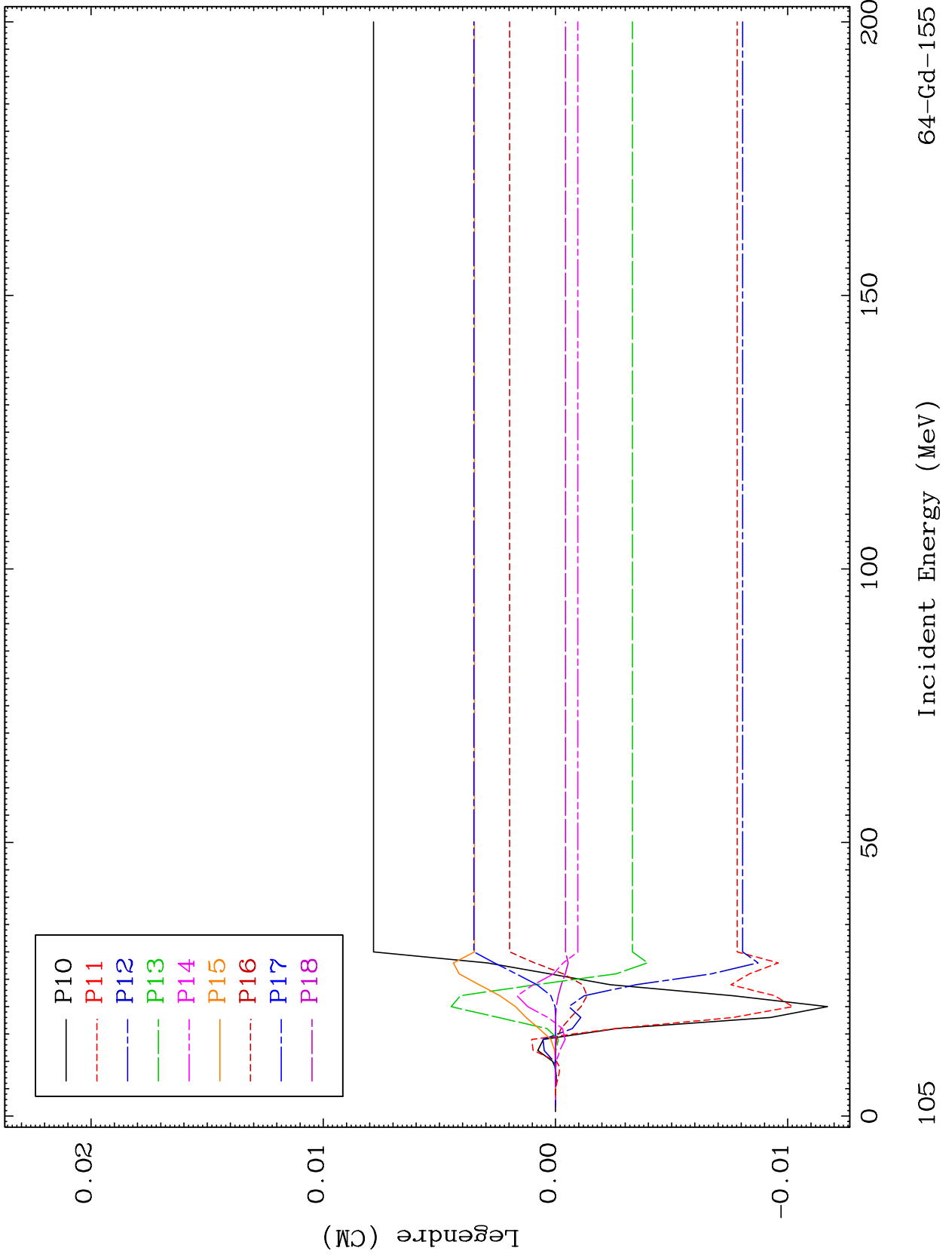
Incident Energy (MeV)

104

MAT 6434

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

64-Gd-155



64-Gd-155

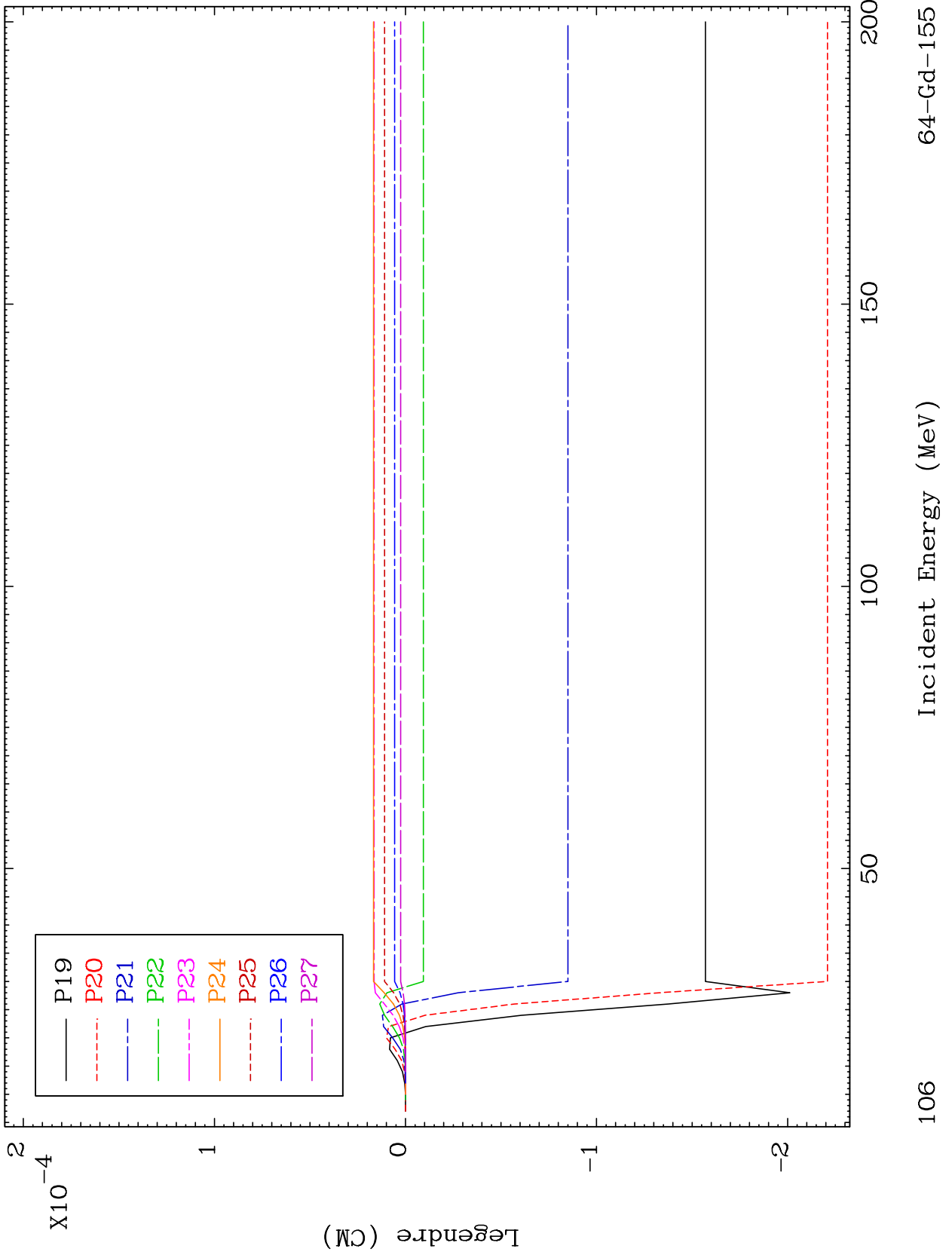
Incident Energy (MeV)

105

MAT 6434

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

64-Gd-155

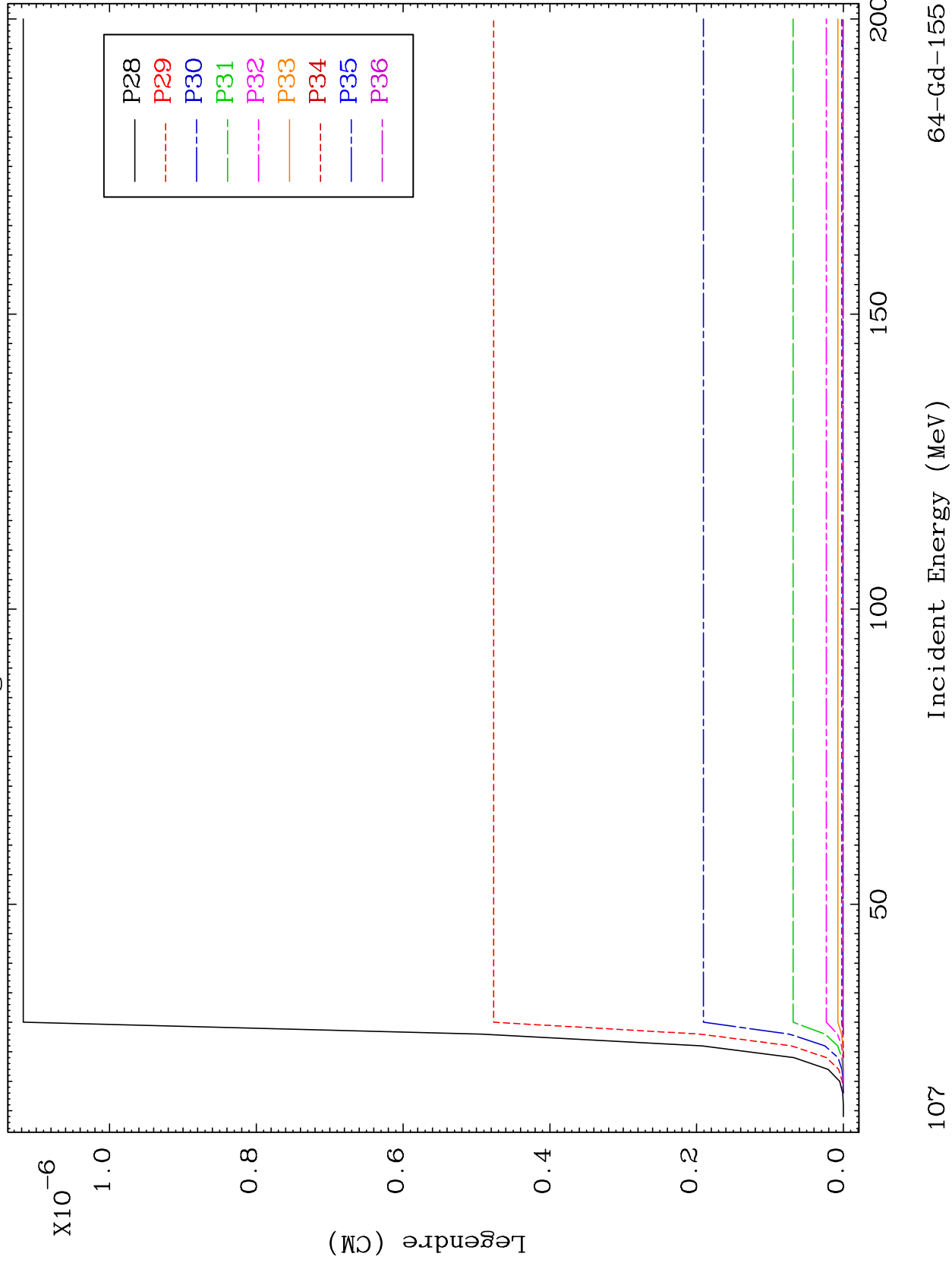


106

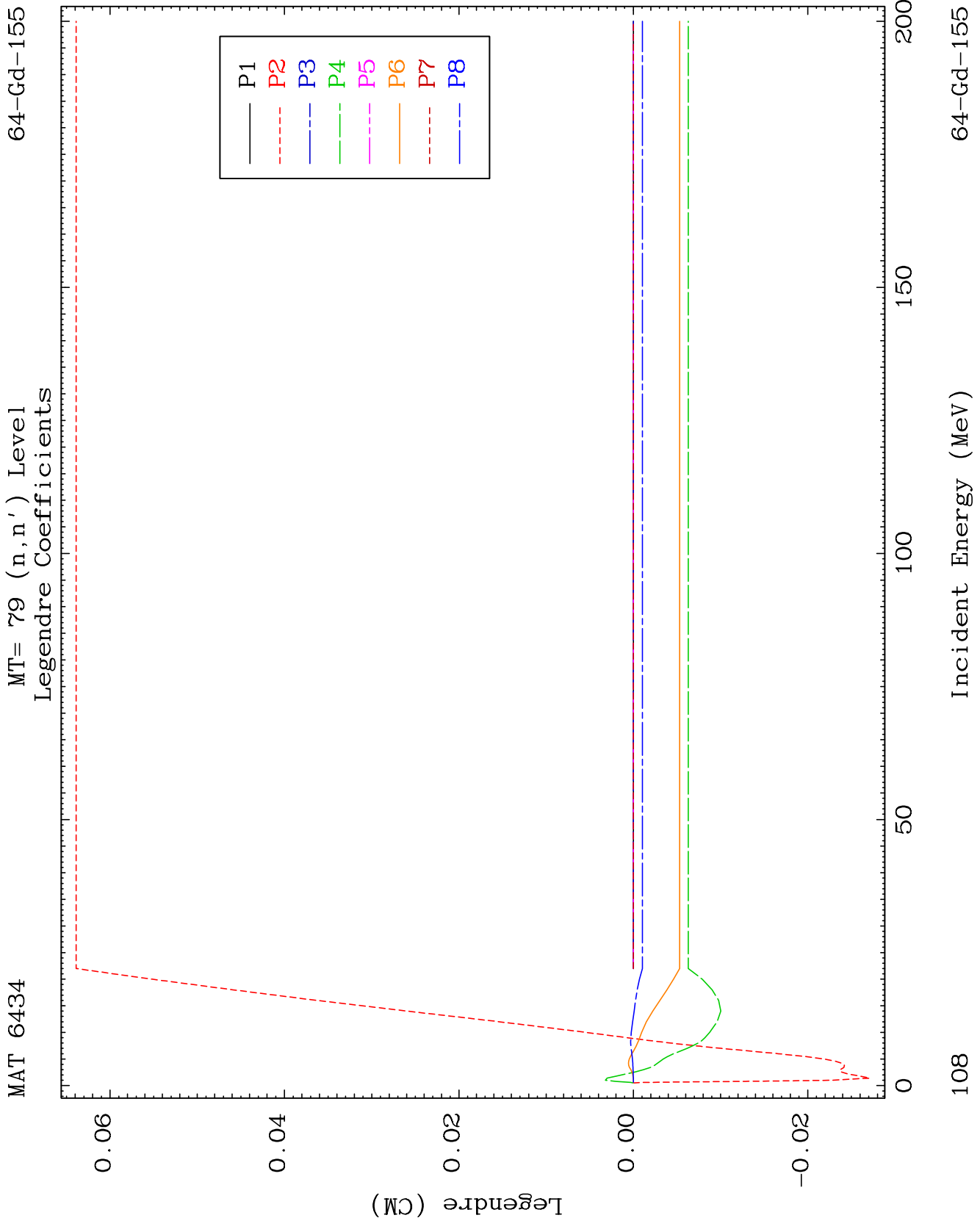
MAT 6434

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

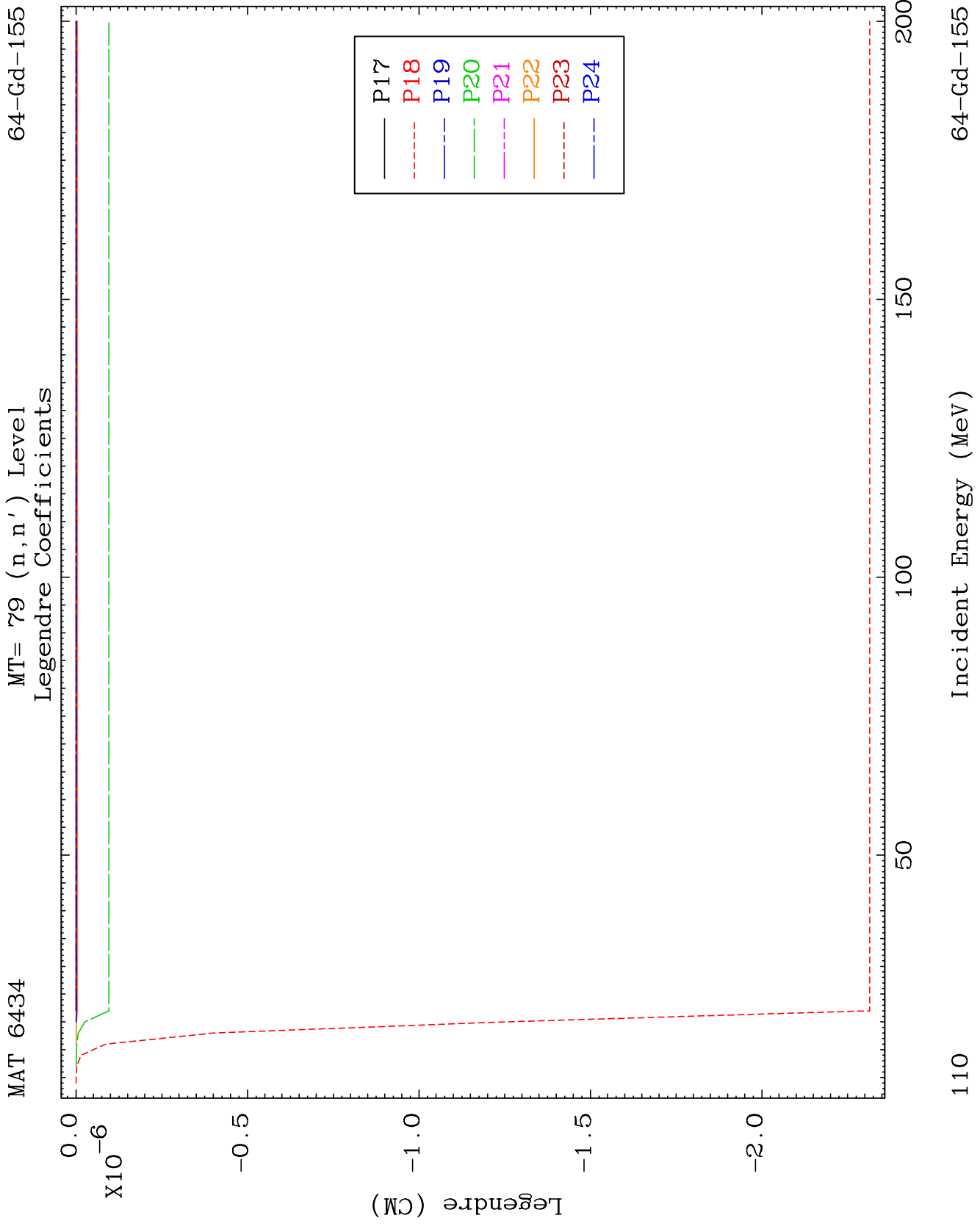
64-Gd-155



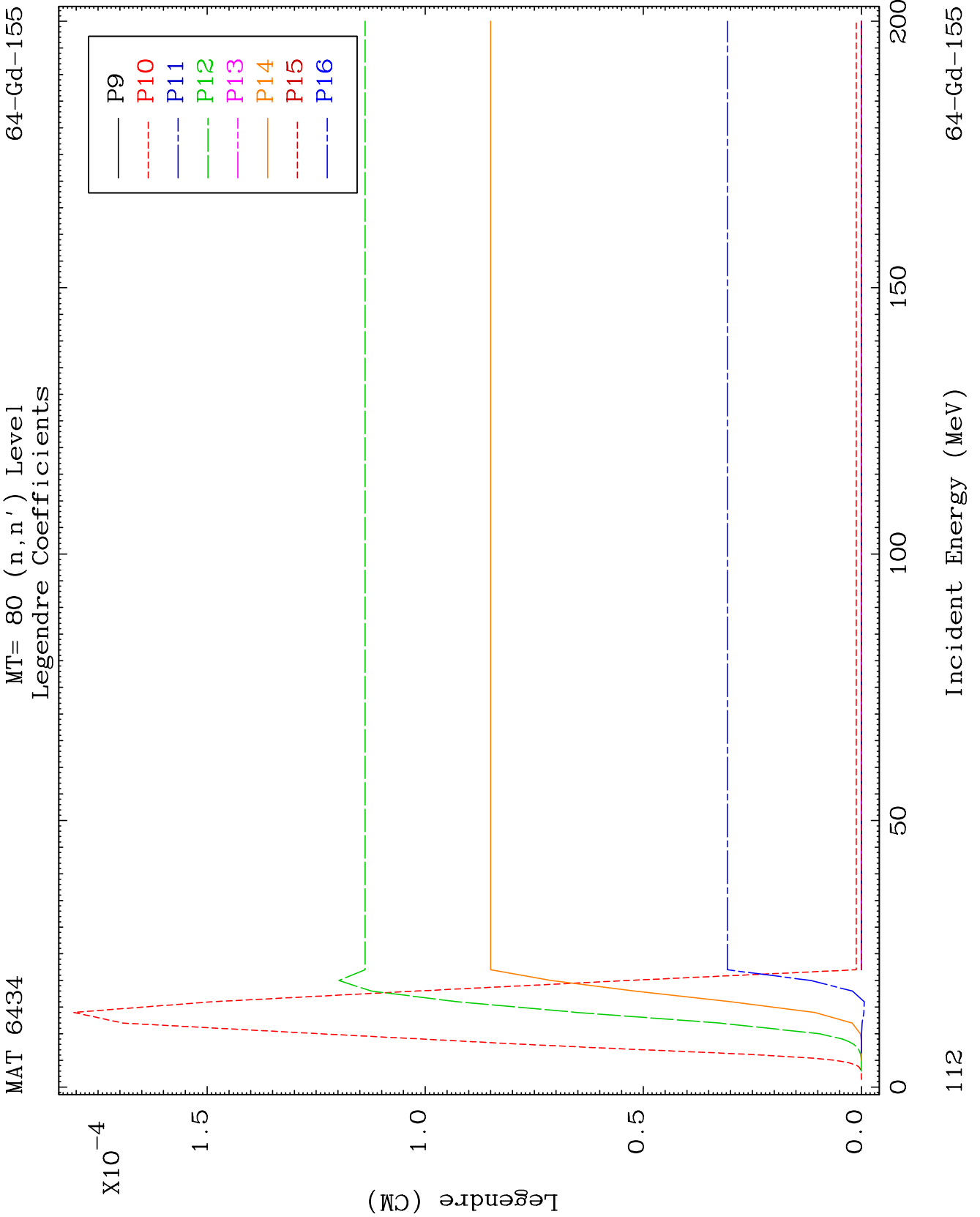
107

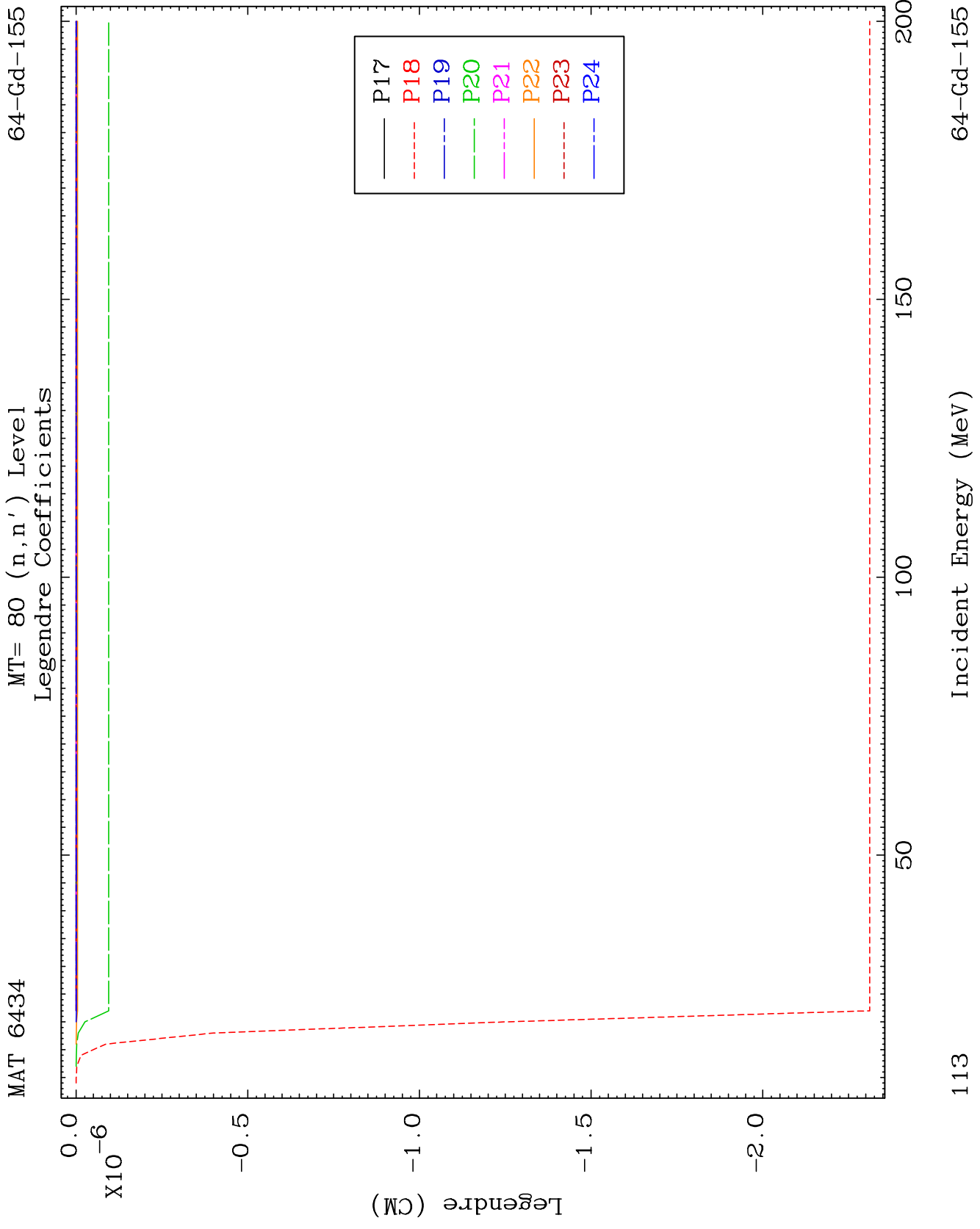










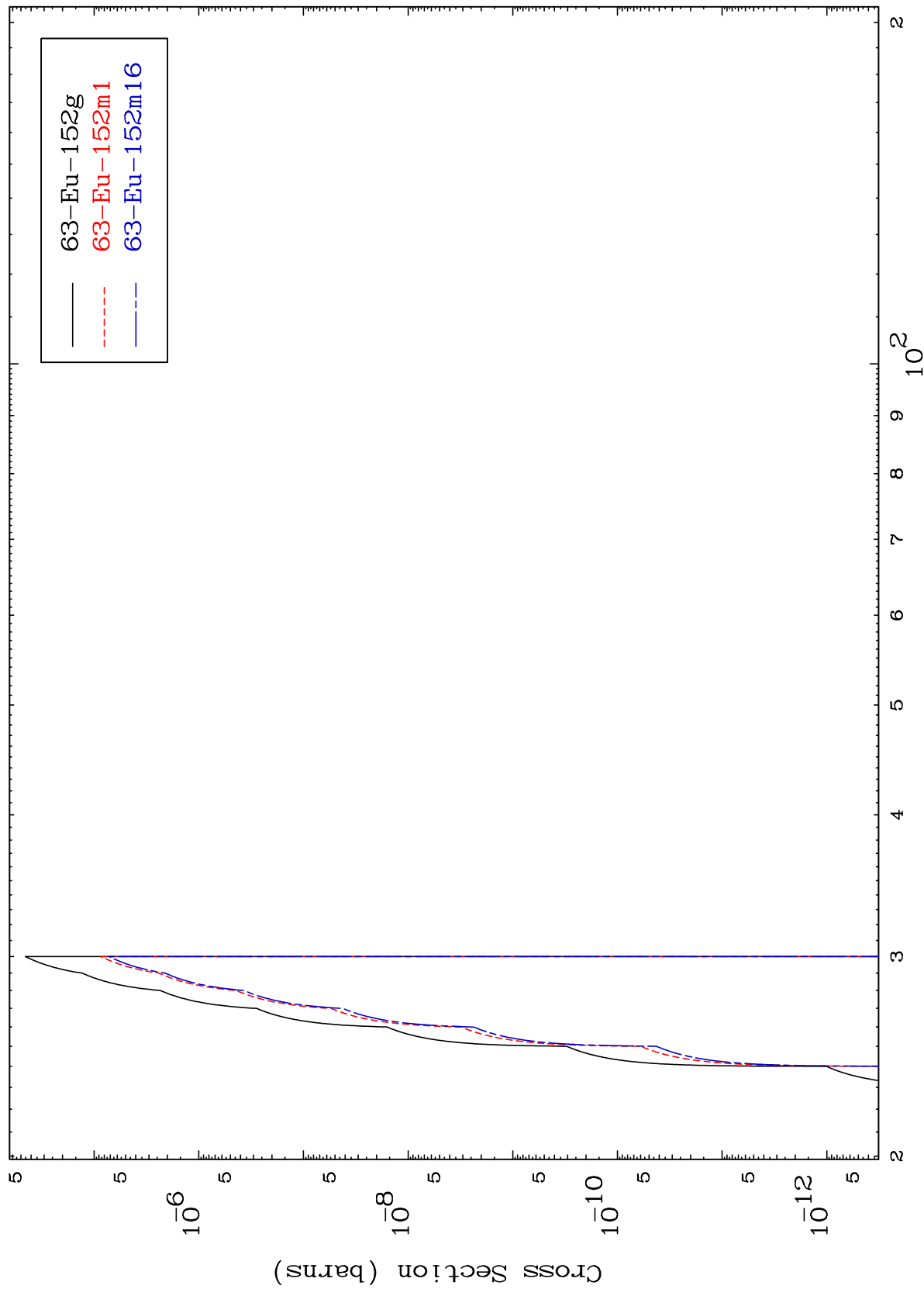


MAT 6434

(n,2n) d

64-Gd-155

Radionuclide Production Cross Section



114

Incident Energy (MeV)

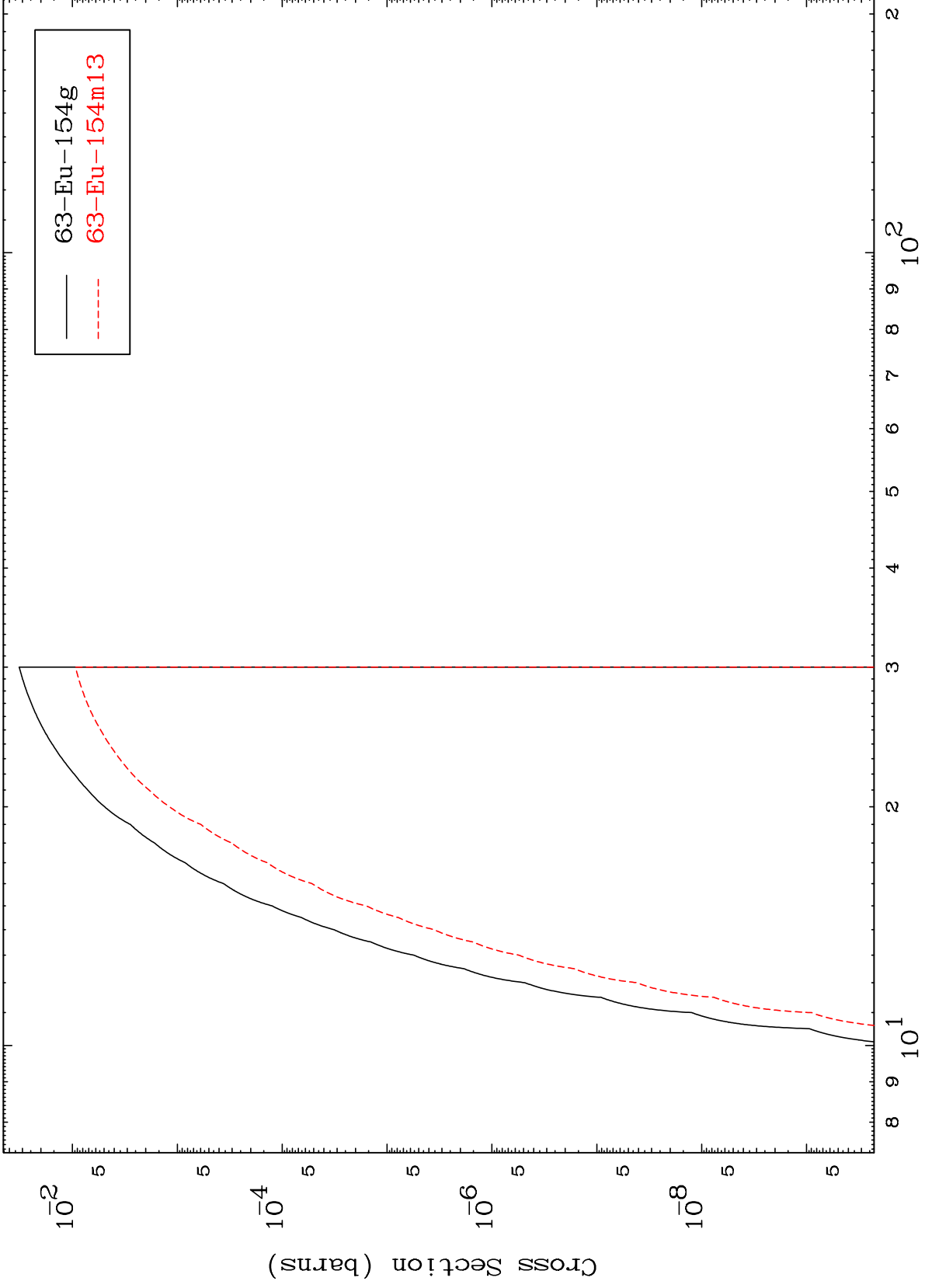
64-Gd-155

MAT 6434

(n,n') p

64-Gd-155

Radionuclide Production Cross Section

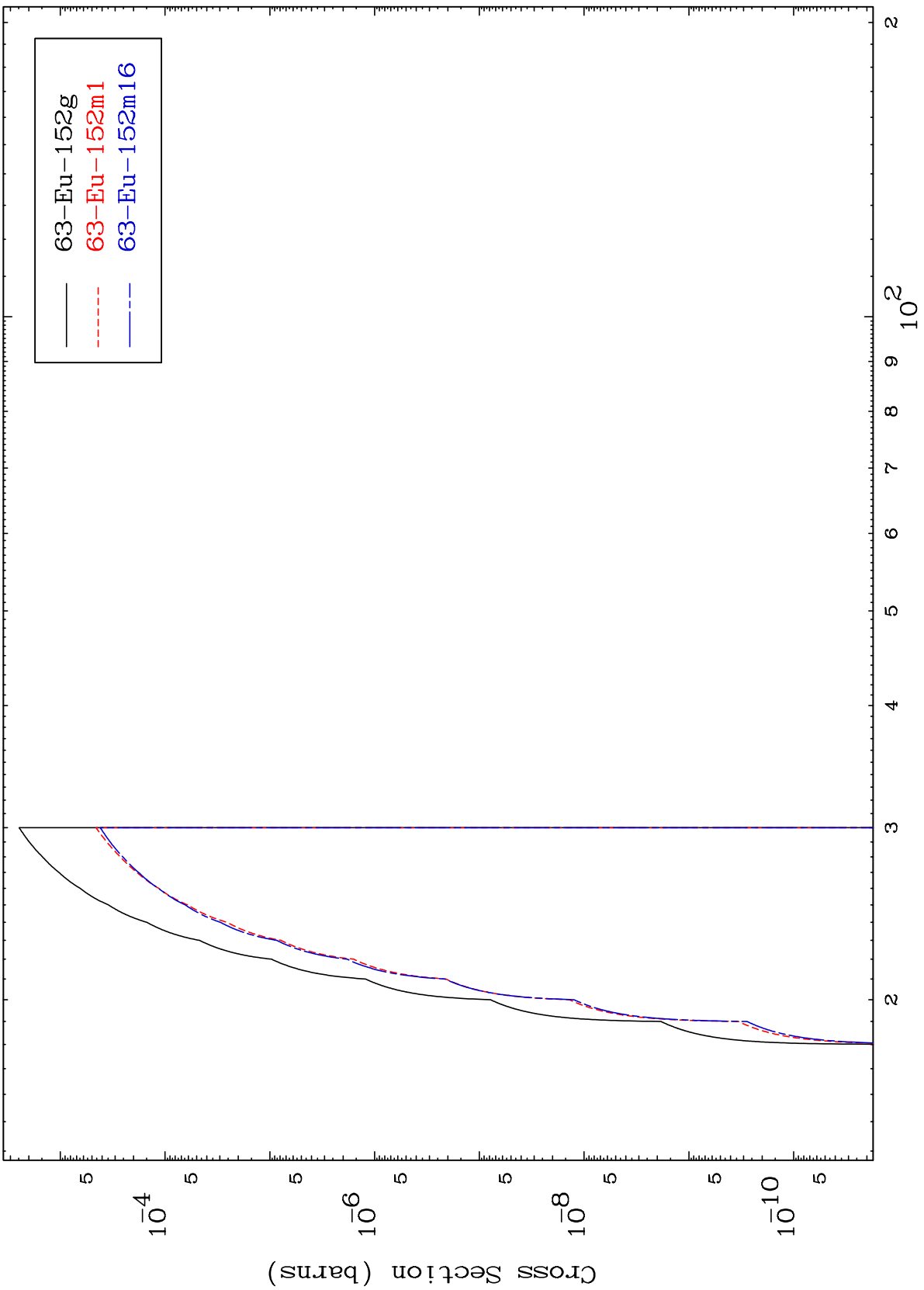


115

Incident Energy (MeV)

64-Gd-155

Radionuclide Production Cross Section

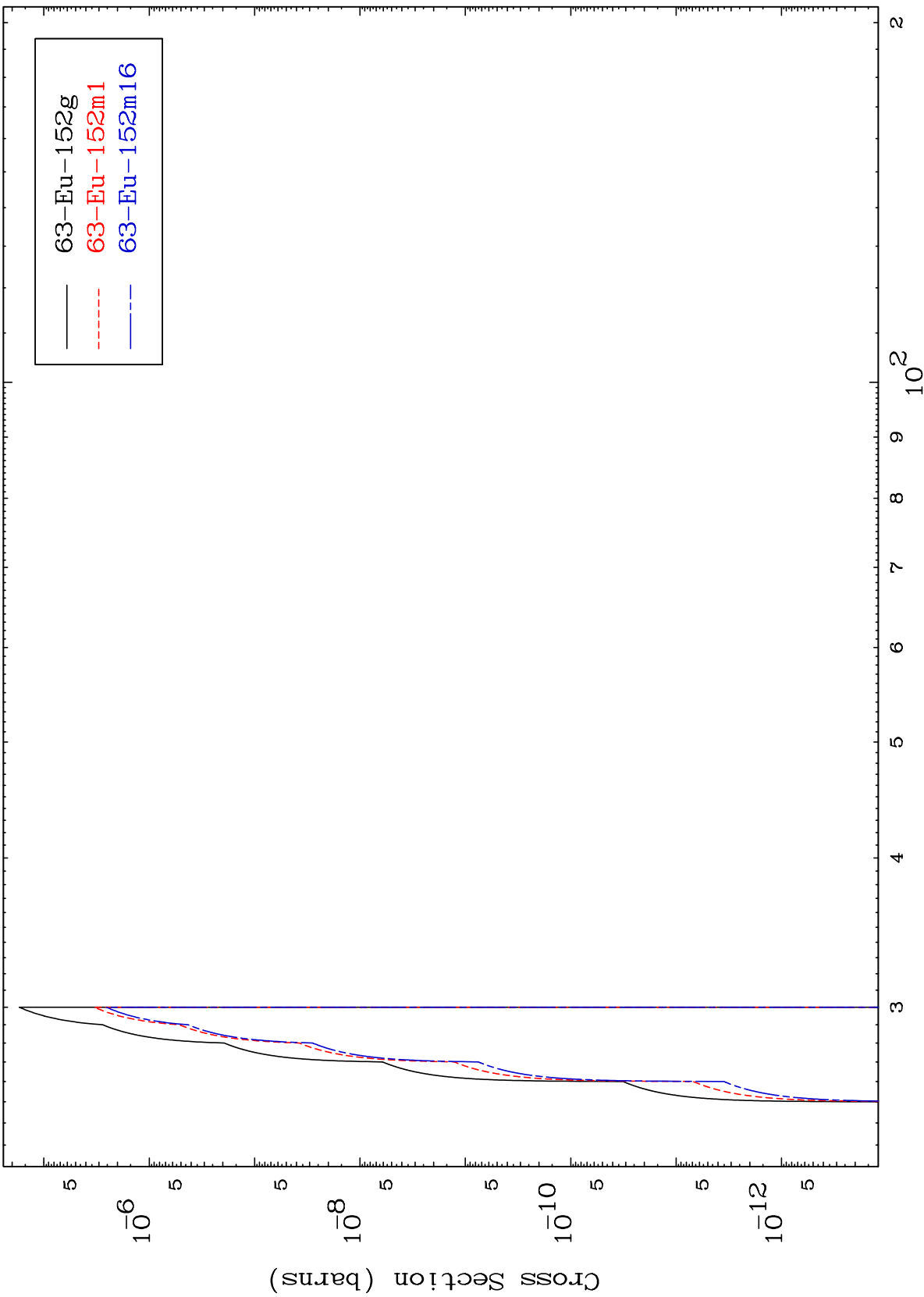


MAT 6434

(n,3n) p

64-Gd-155

Radionuclide Production Cross Section



117

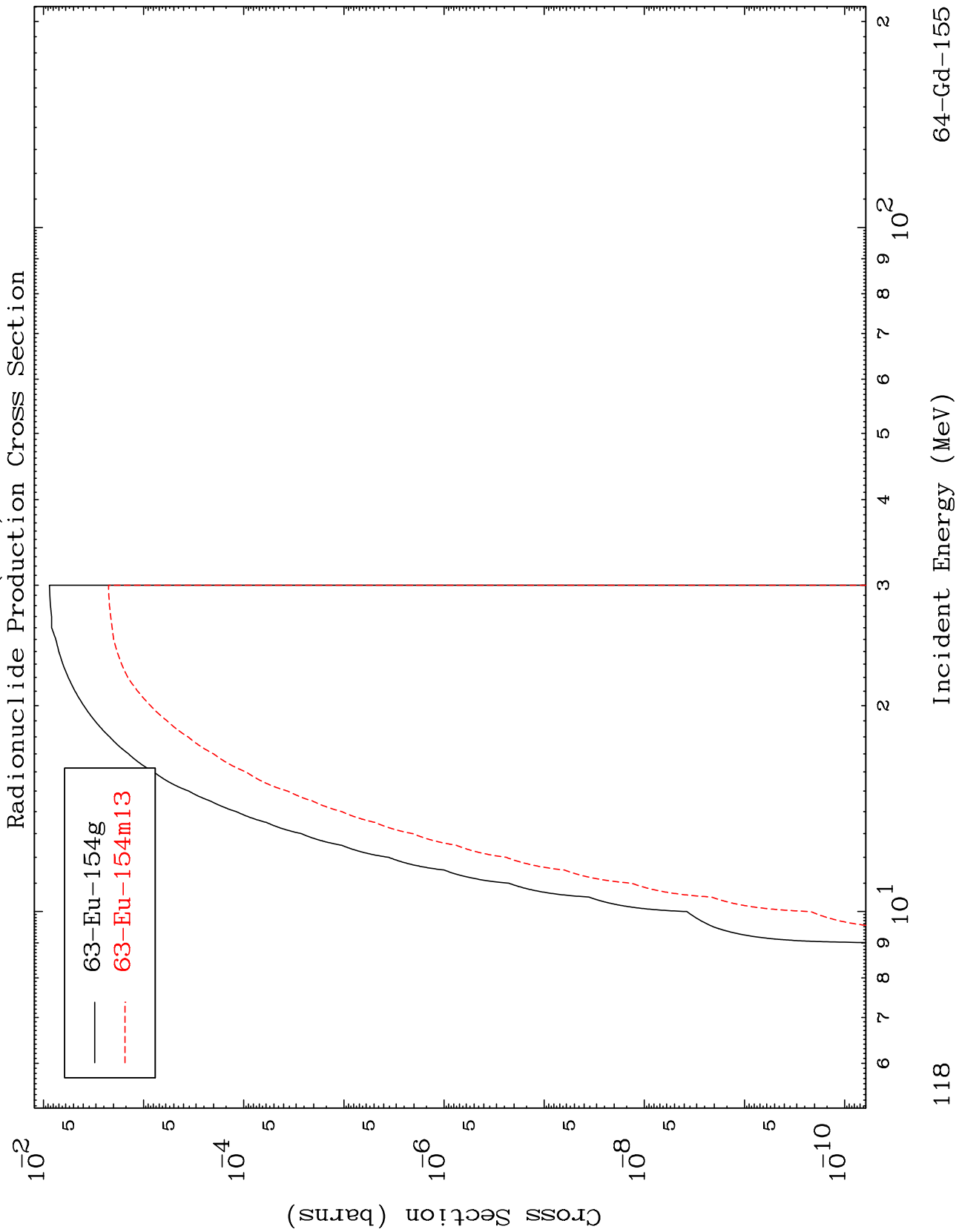
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,d)

64-Gd-155



118

Incident Energy (MeV)

64-Gd-155