

Program EVALPLOT
(Version 2017-1)

by

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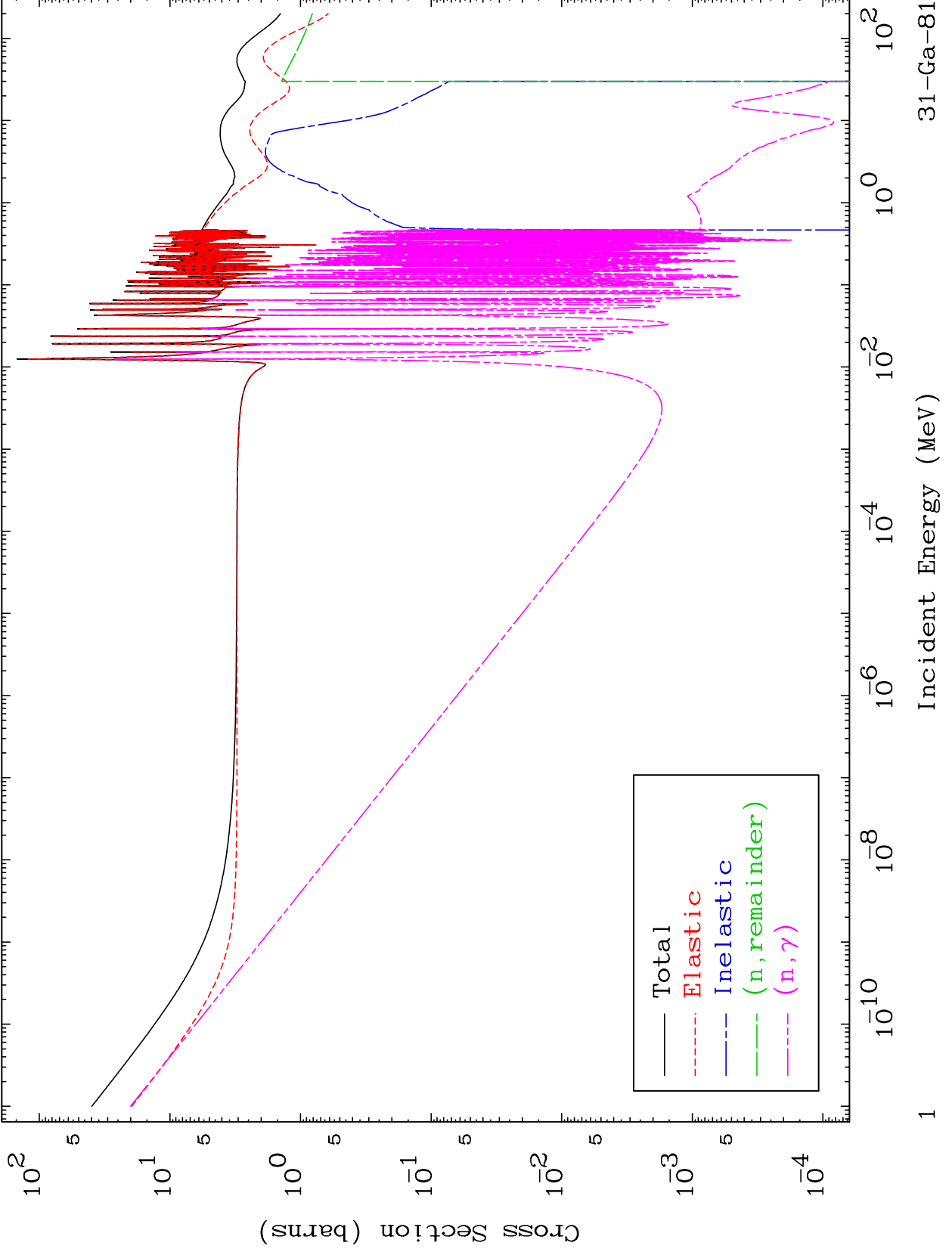
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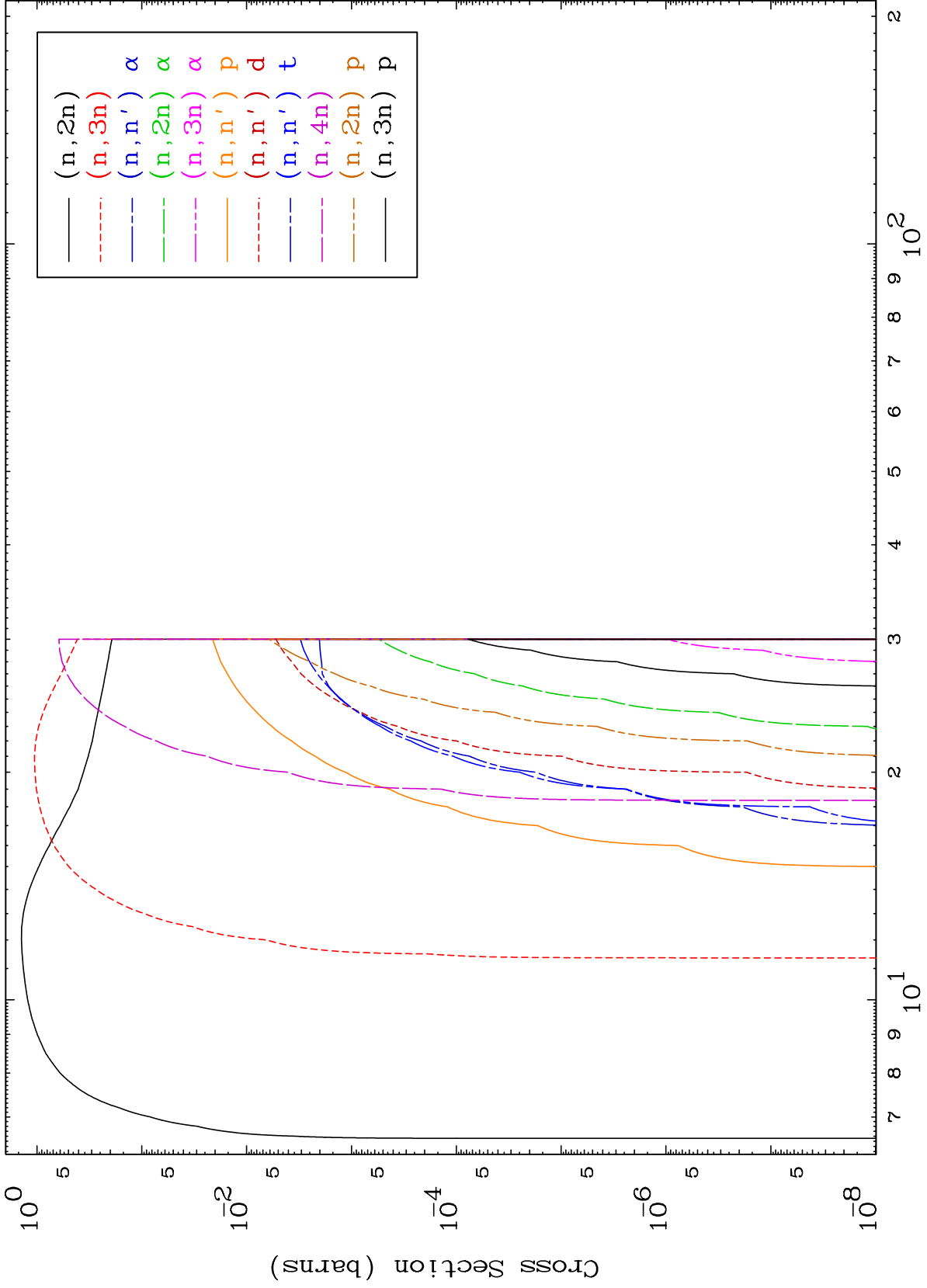
Press Mouse Button to Start

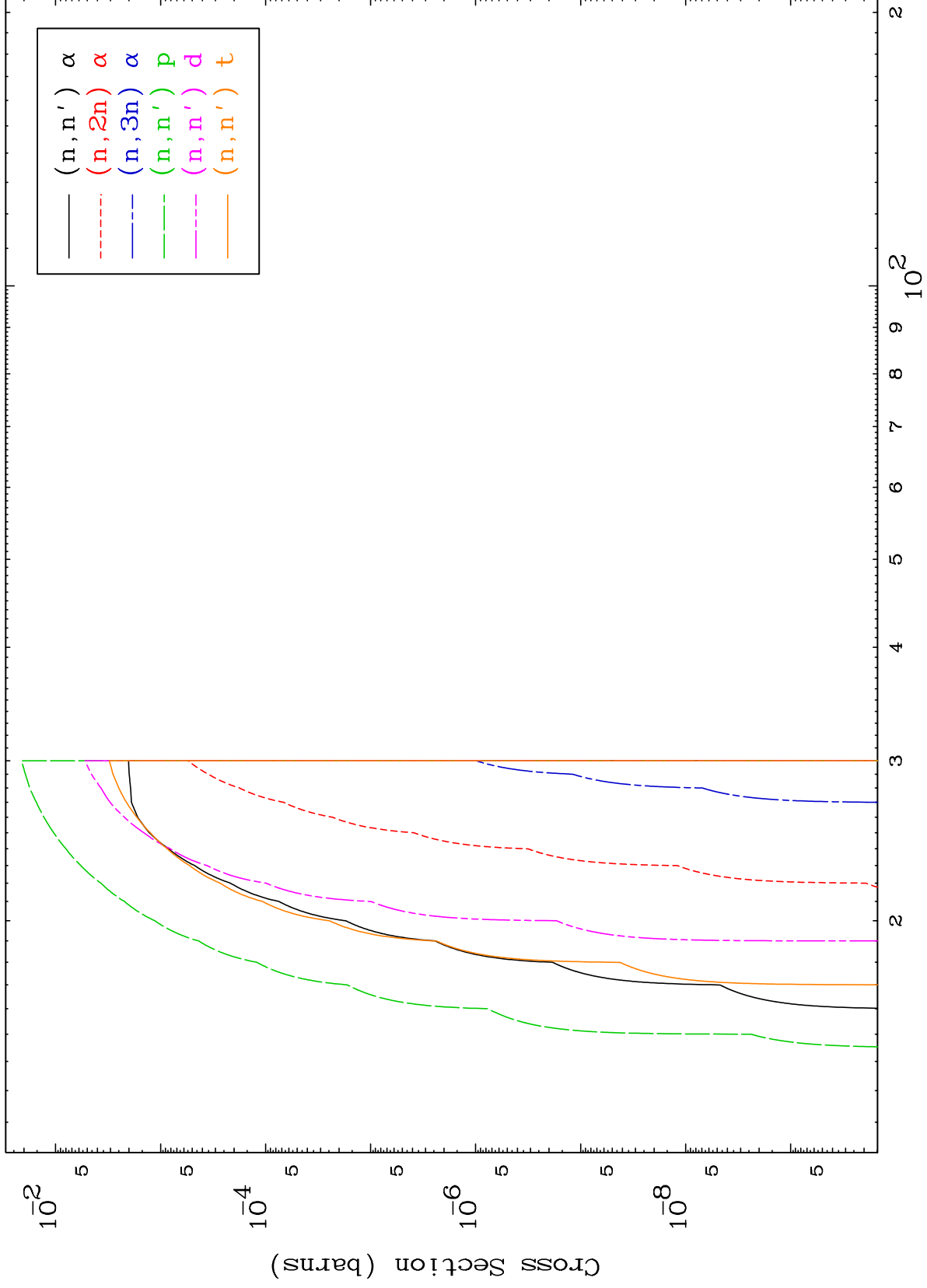
MAT 3161

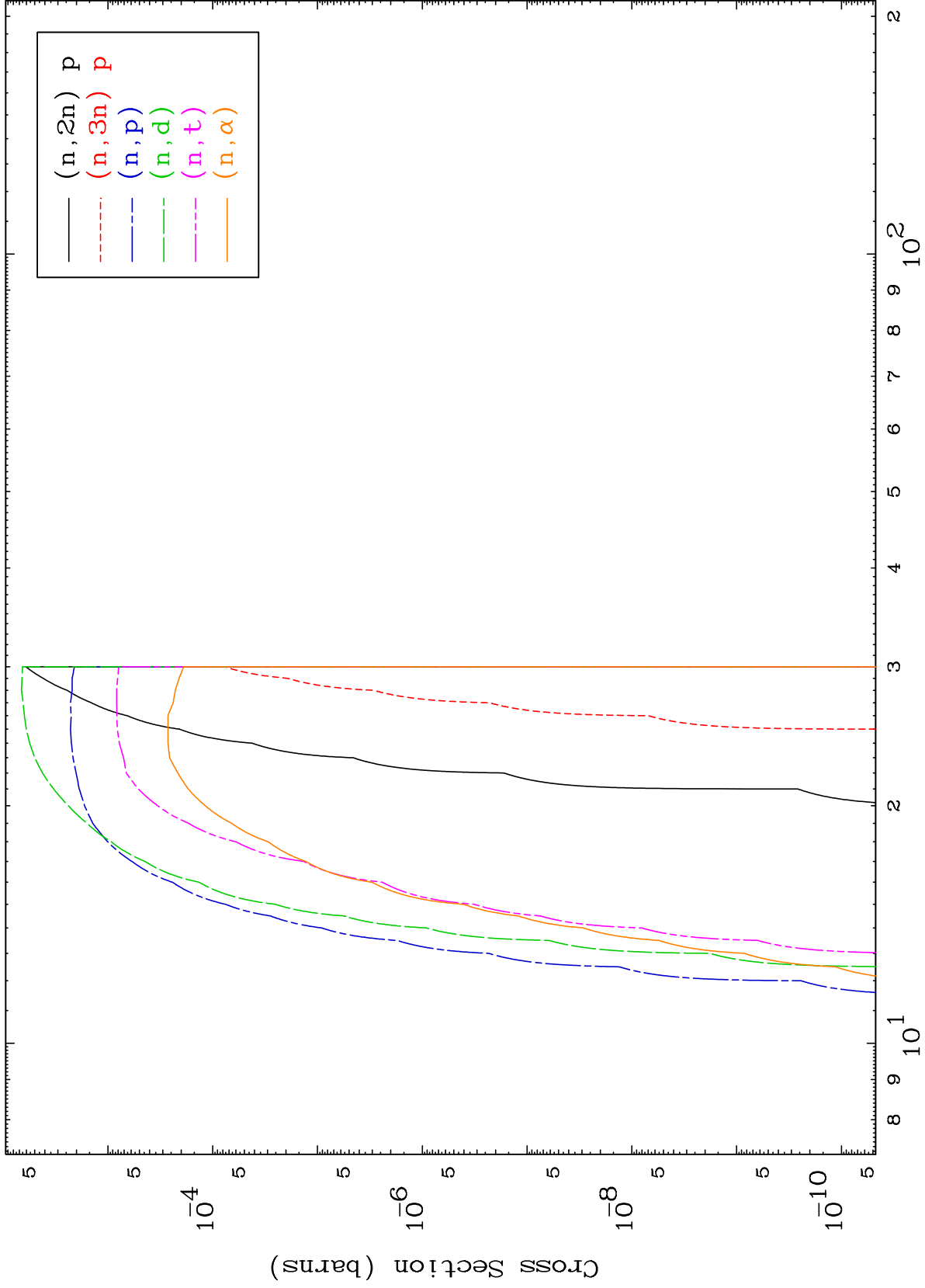
Major
293 Kelvin Cross Sections

31-Ga-81





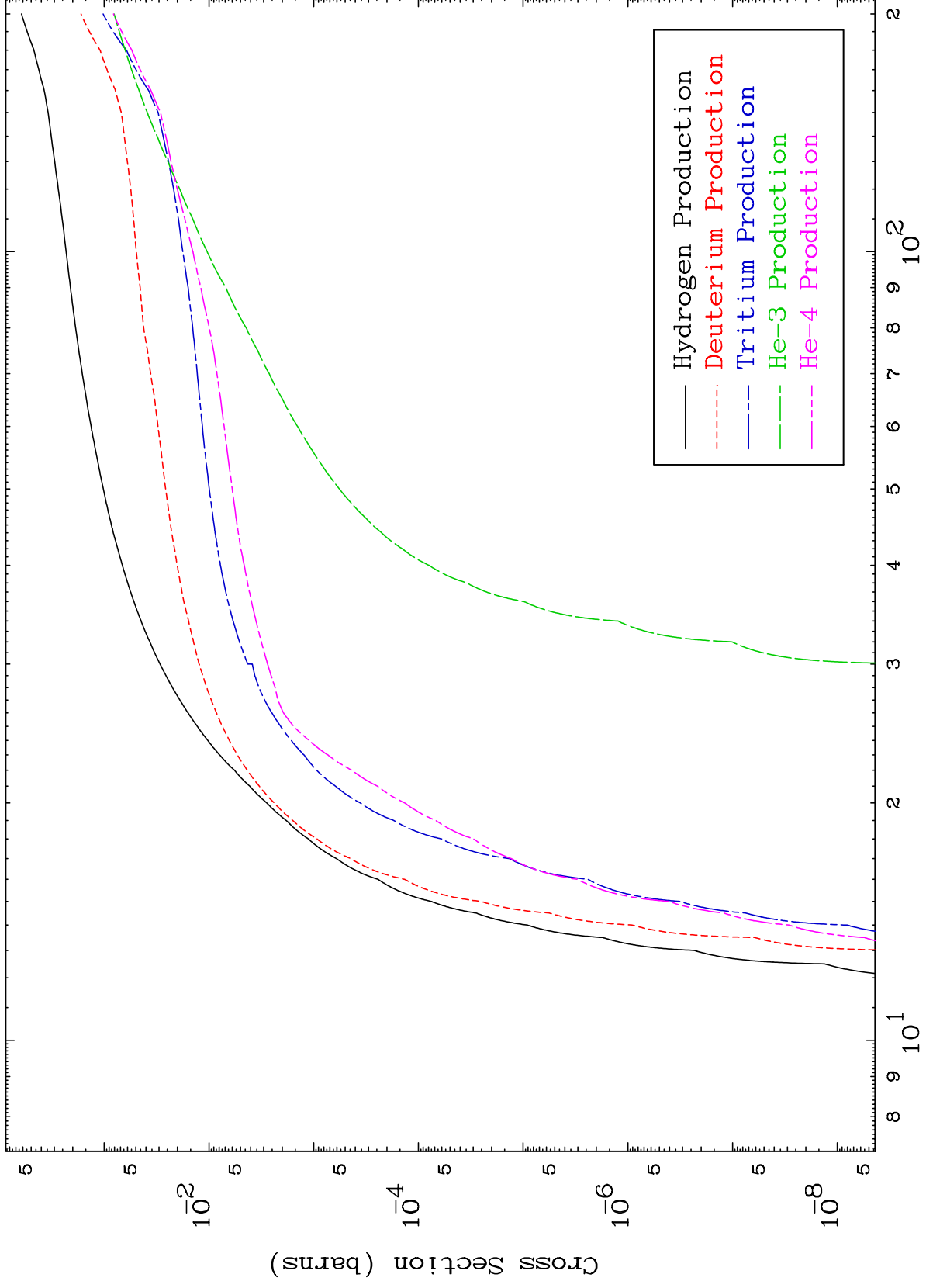




MAT 3161

Particle Production
293 Kelvin Cross Sections

31-Ga-81



5

Incident Energy (MeV)

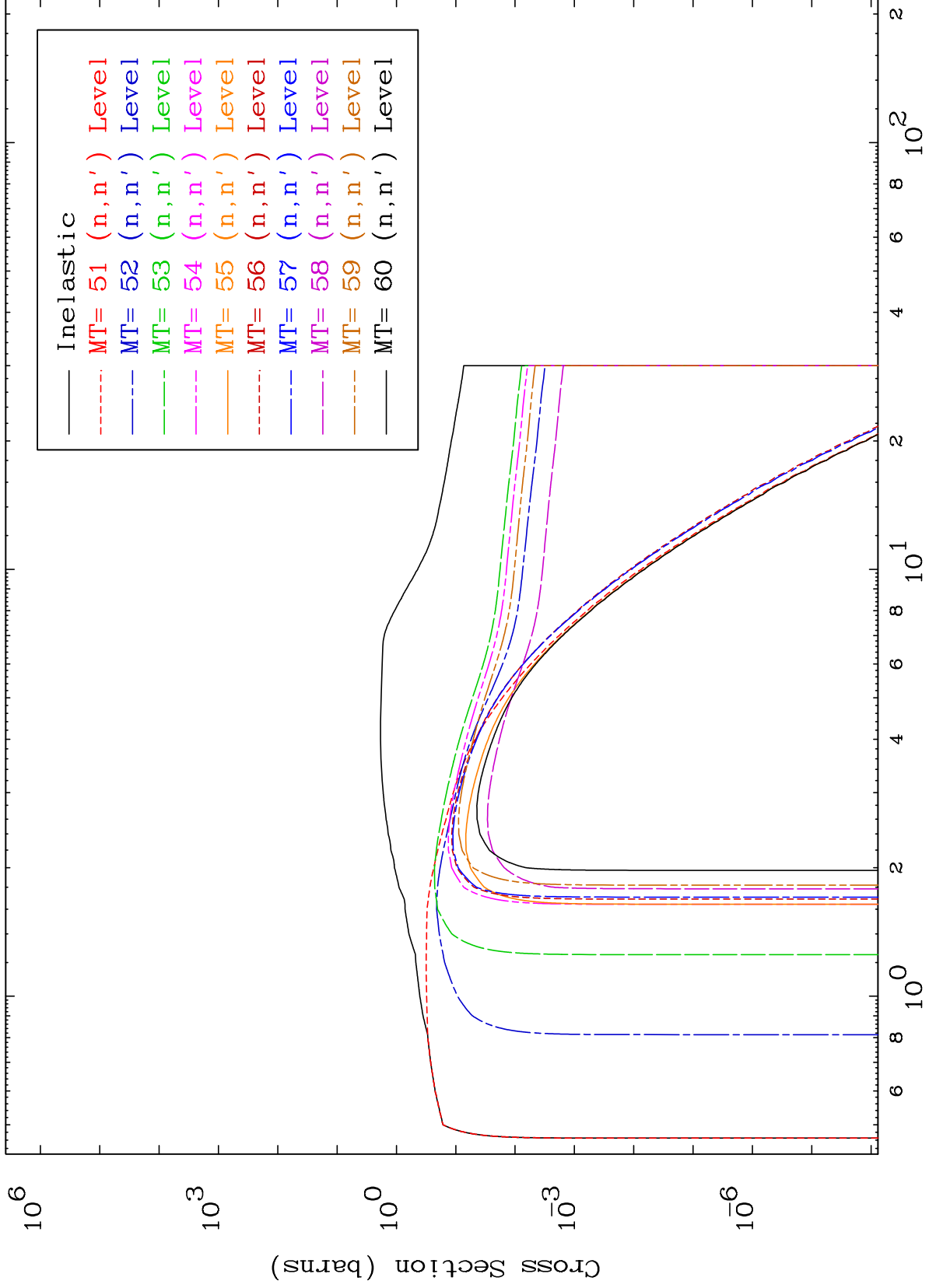
31-Ga-81

MAT 3161

(n,n') Level

31-Ga-81

293 Kelvin Cross Sections



6

Incident Energy (MeV)

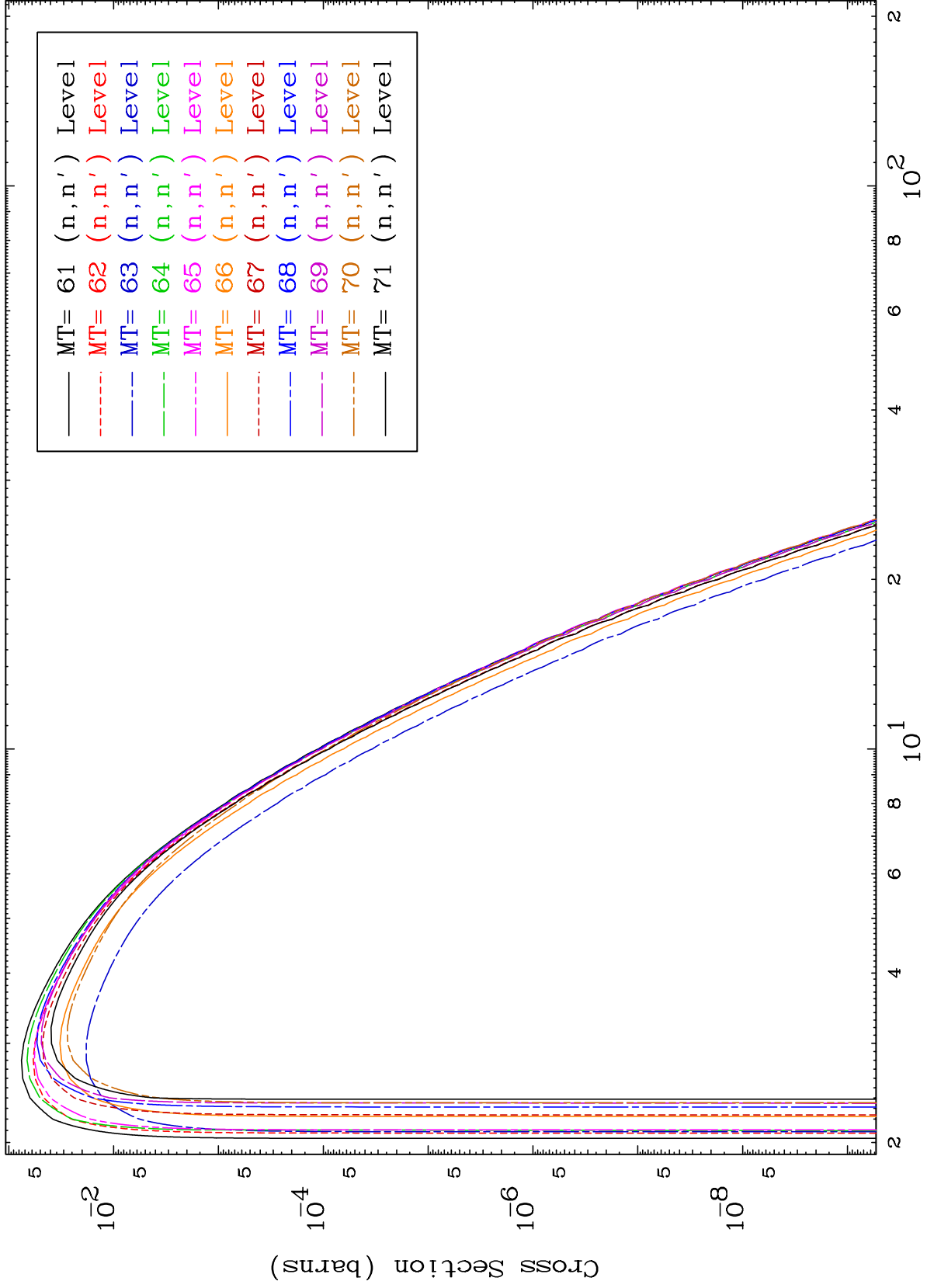
31-Ga-81

MAT 3161

(n,n') Level

31-Ga-81

293 Kelvin Cross Sections

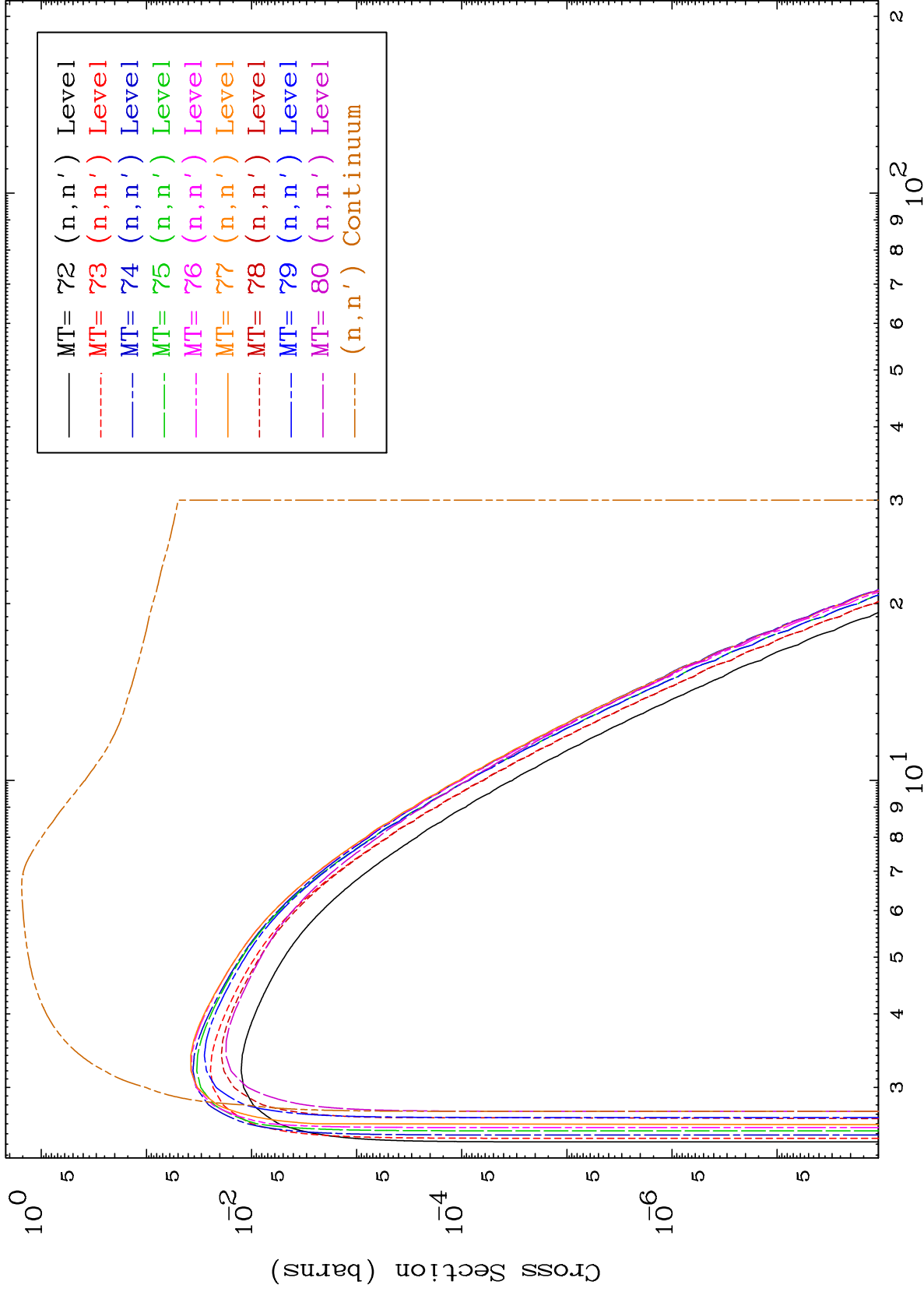


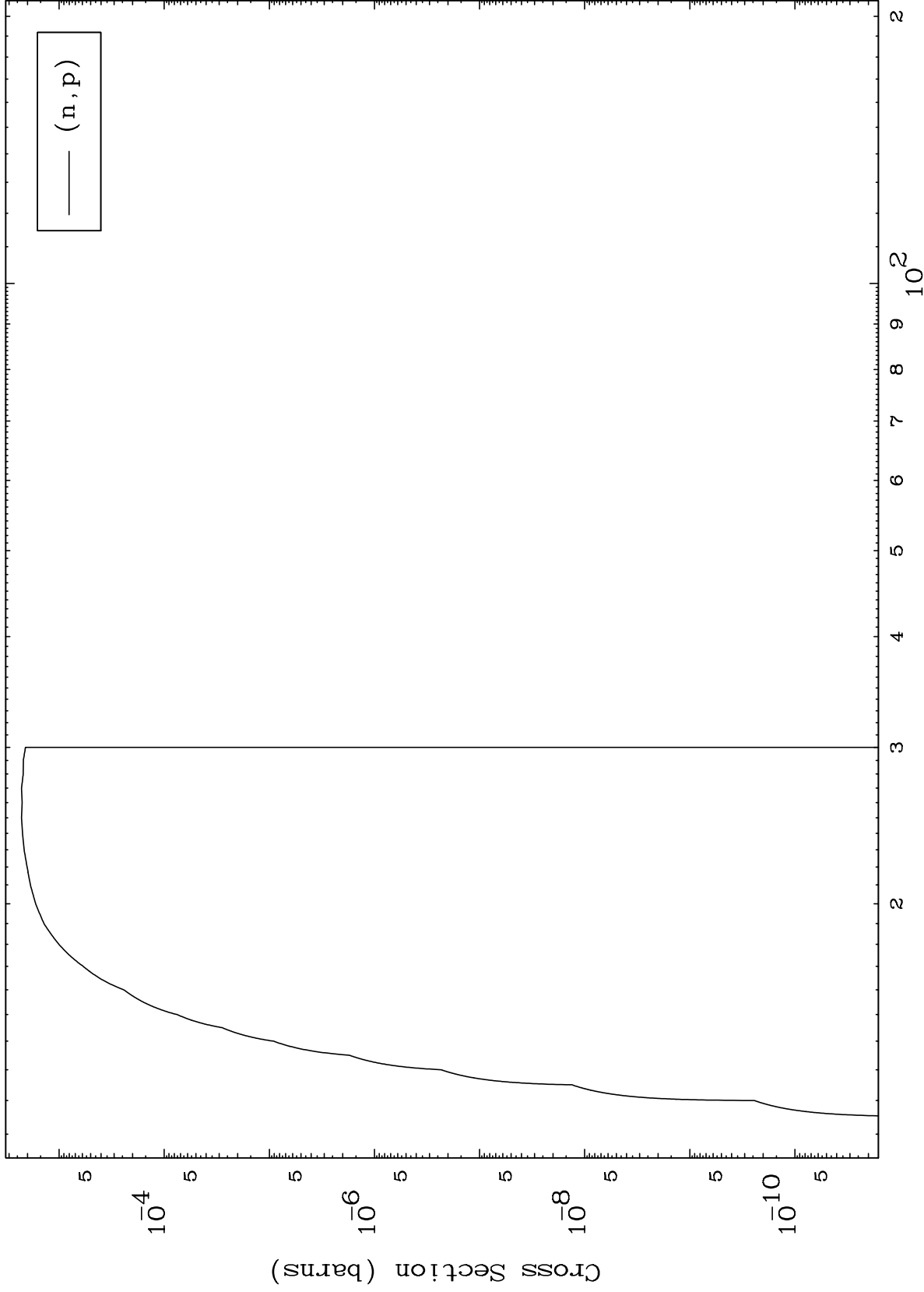
7

Incident Energy (MeV)

31-Ga-81

293 Kelvin Cross Sections

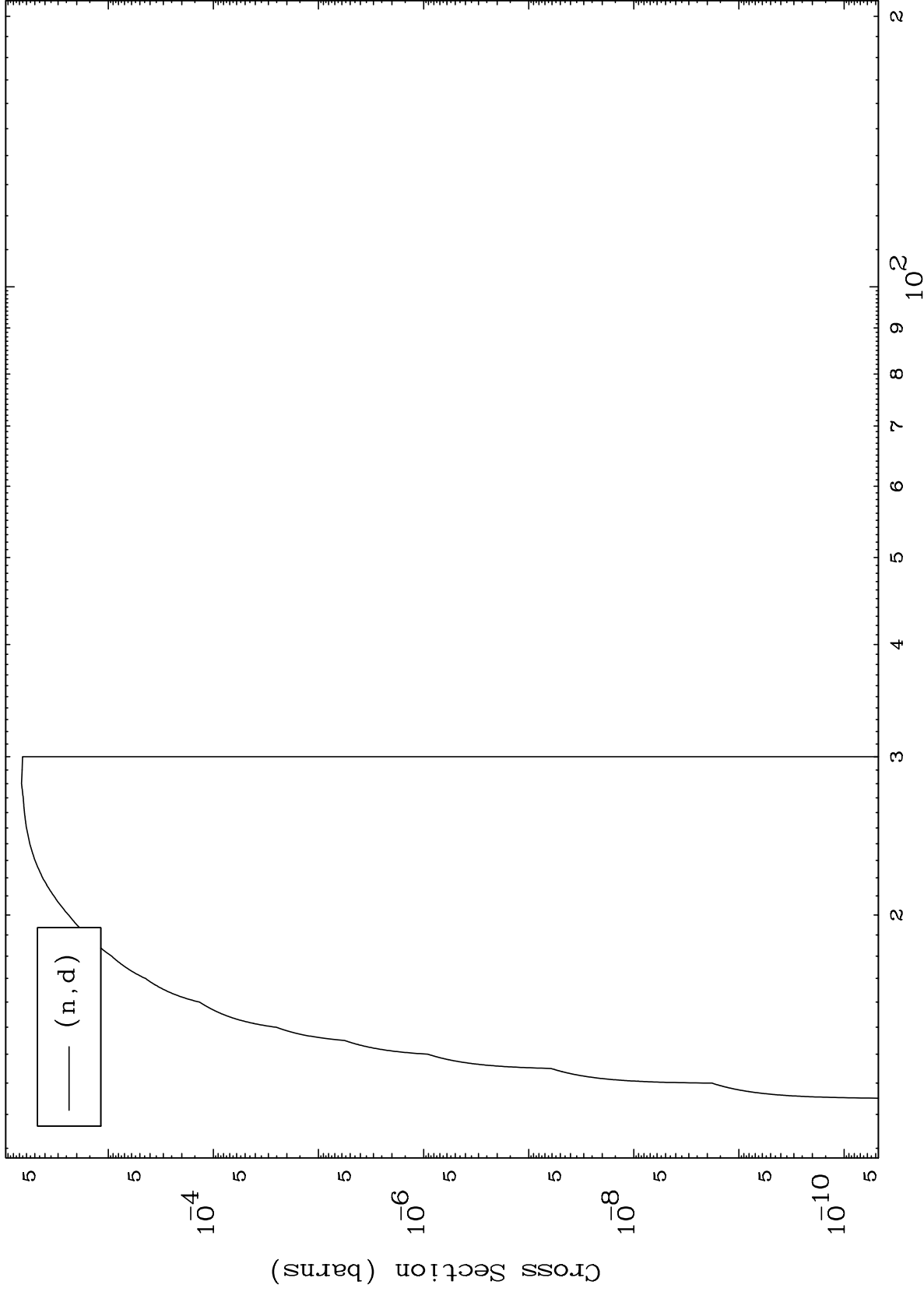




MAT 3161

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-81



10

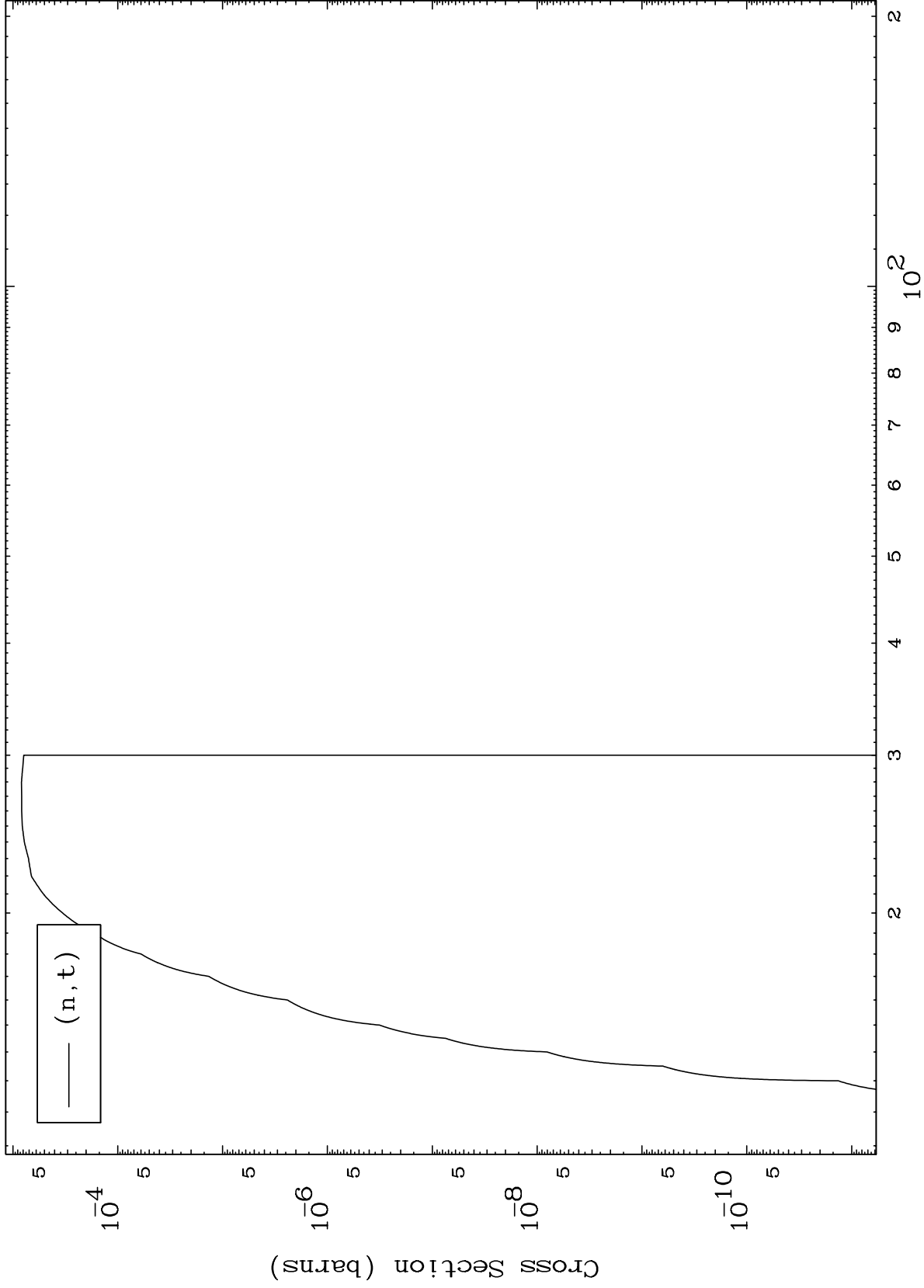
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-81



11

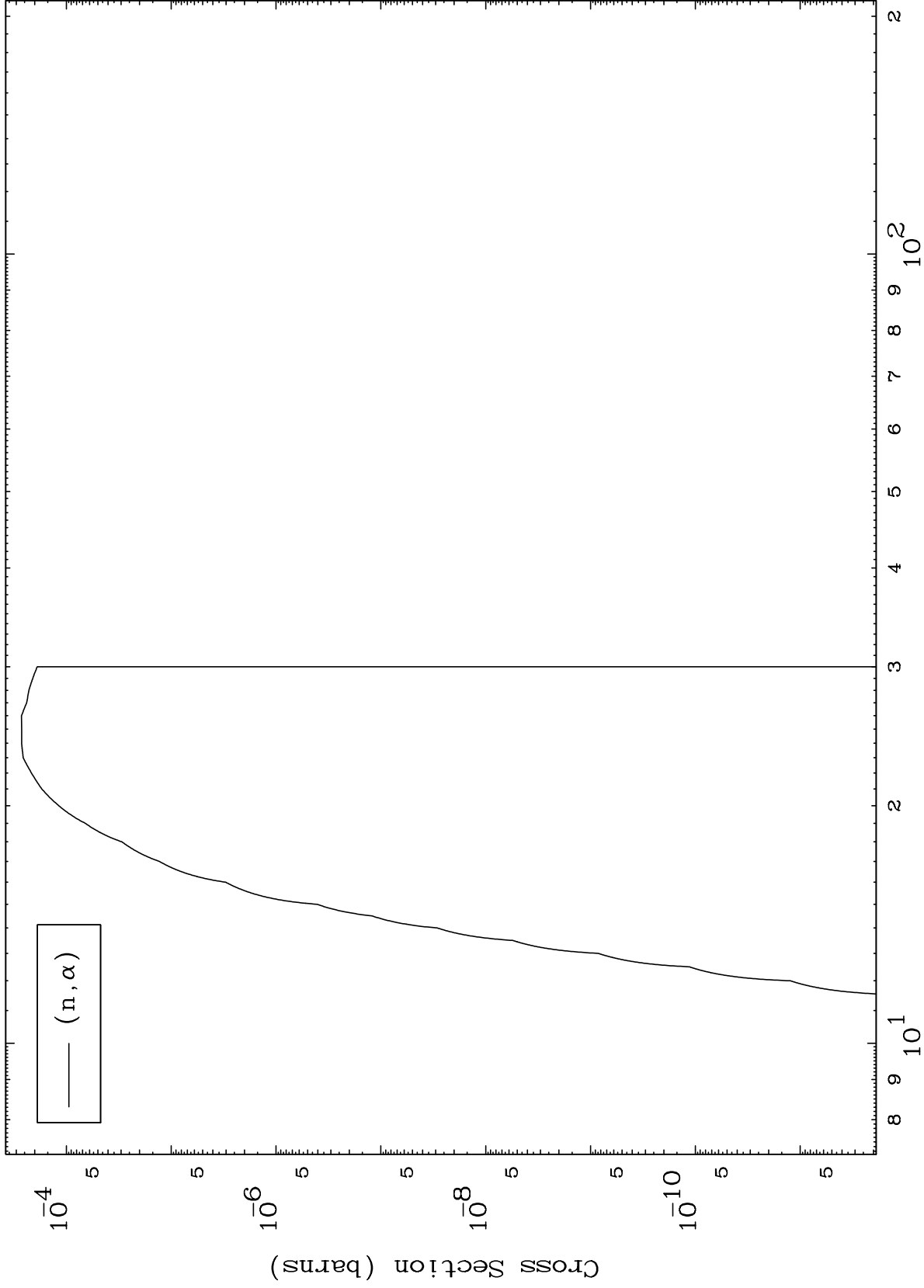
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n, α) Levels
293 Kelvin Cross Sections

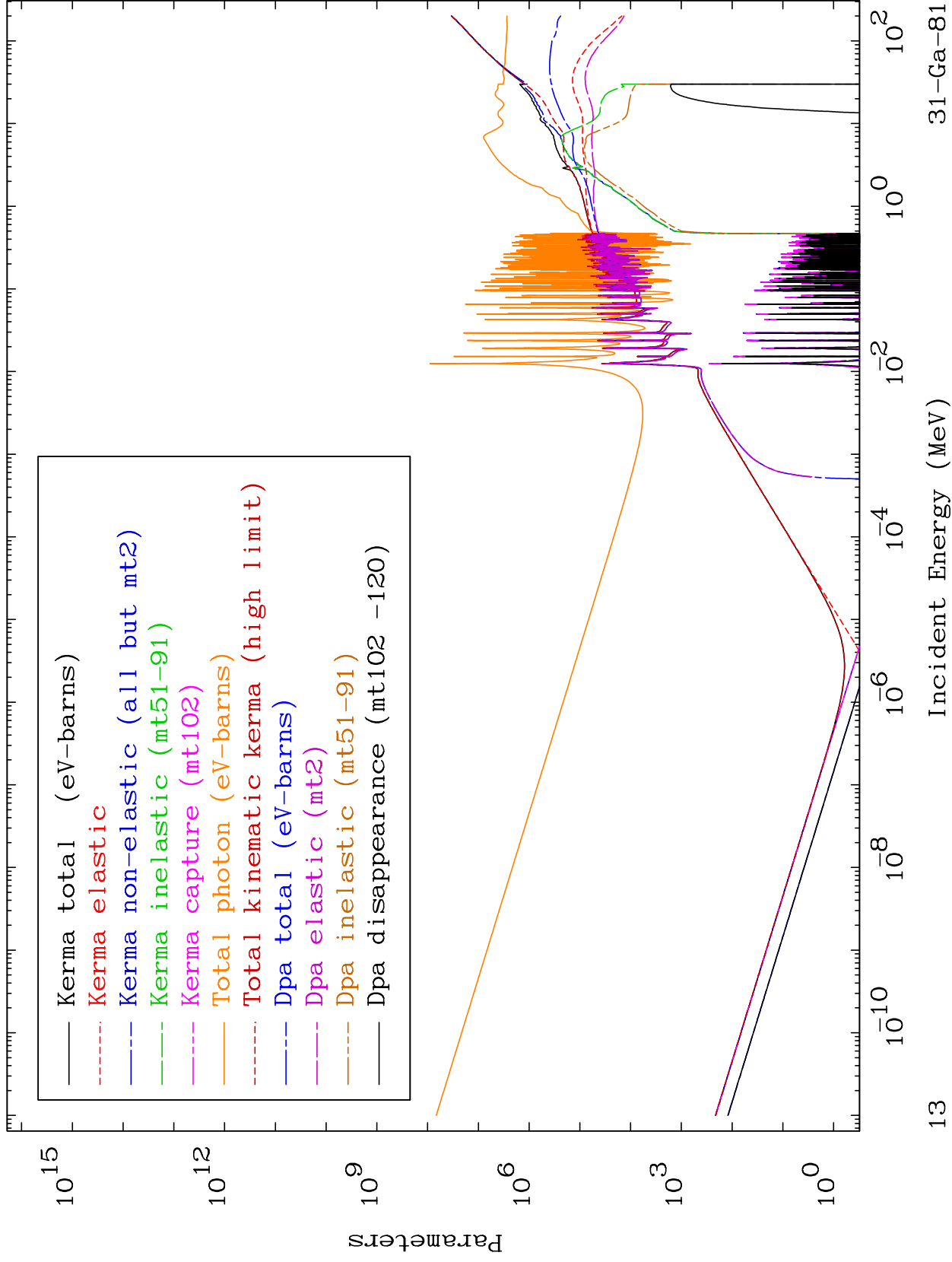
31-Ga-81

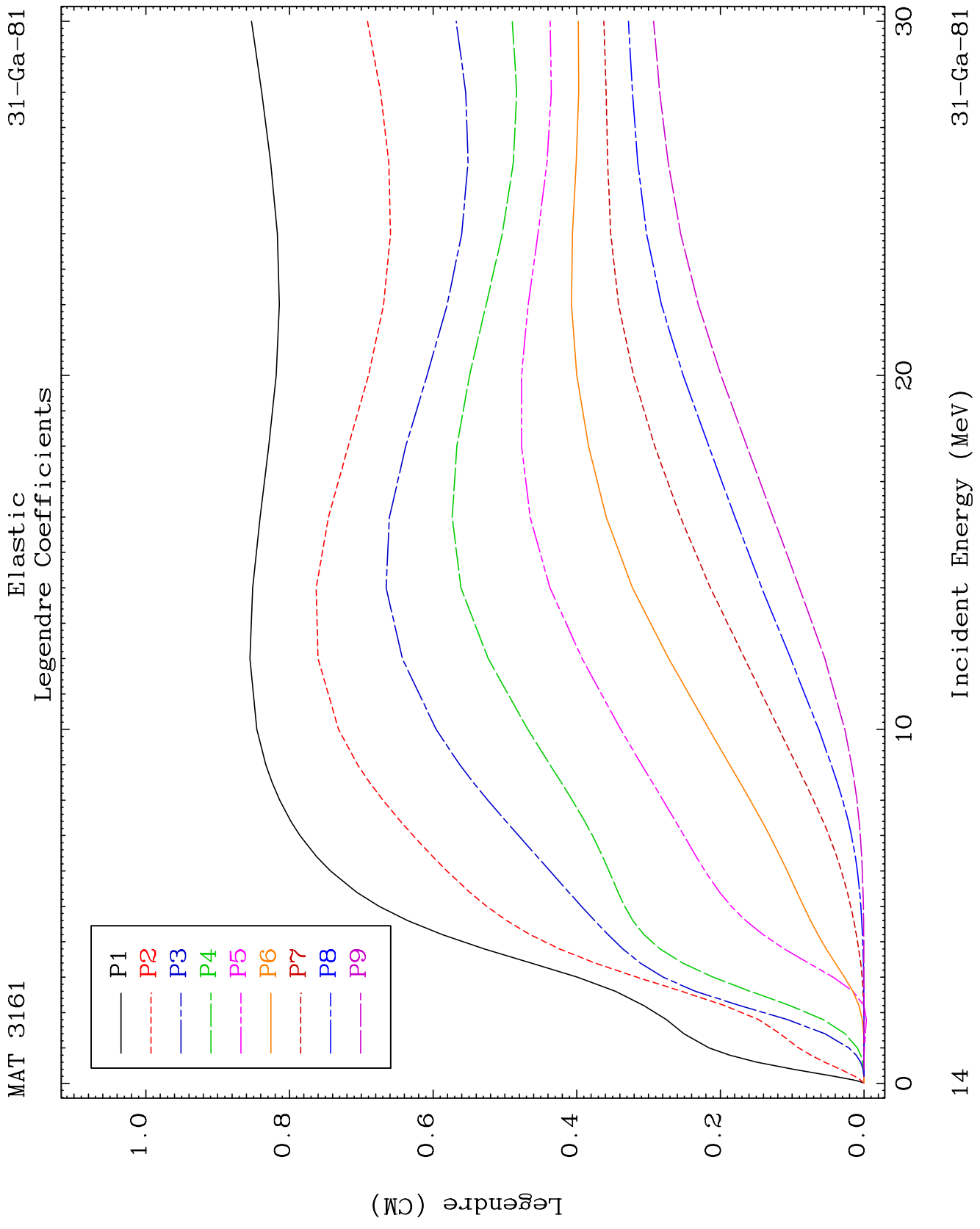


12

Incident Energy (MeV)

31-Ga-81



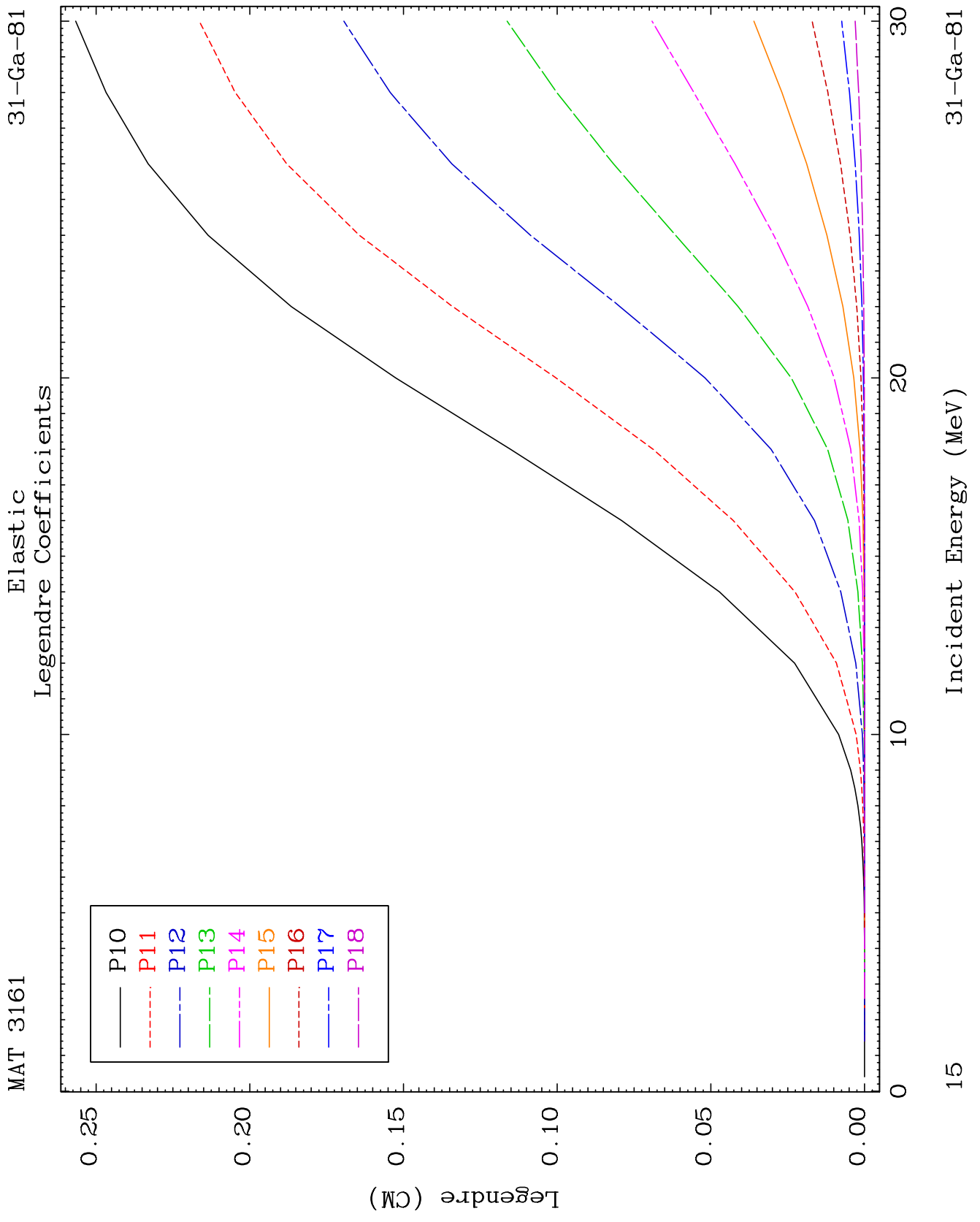


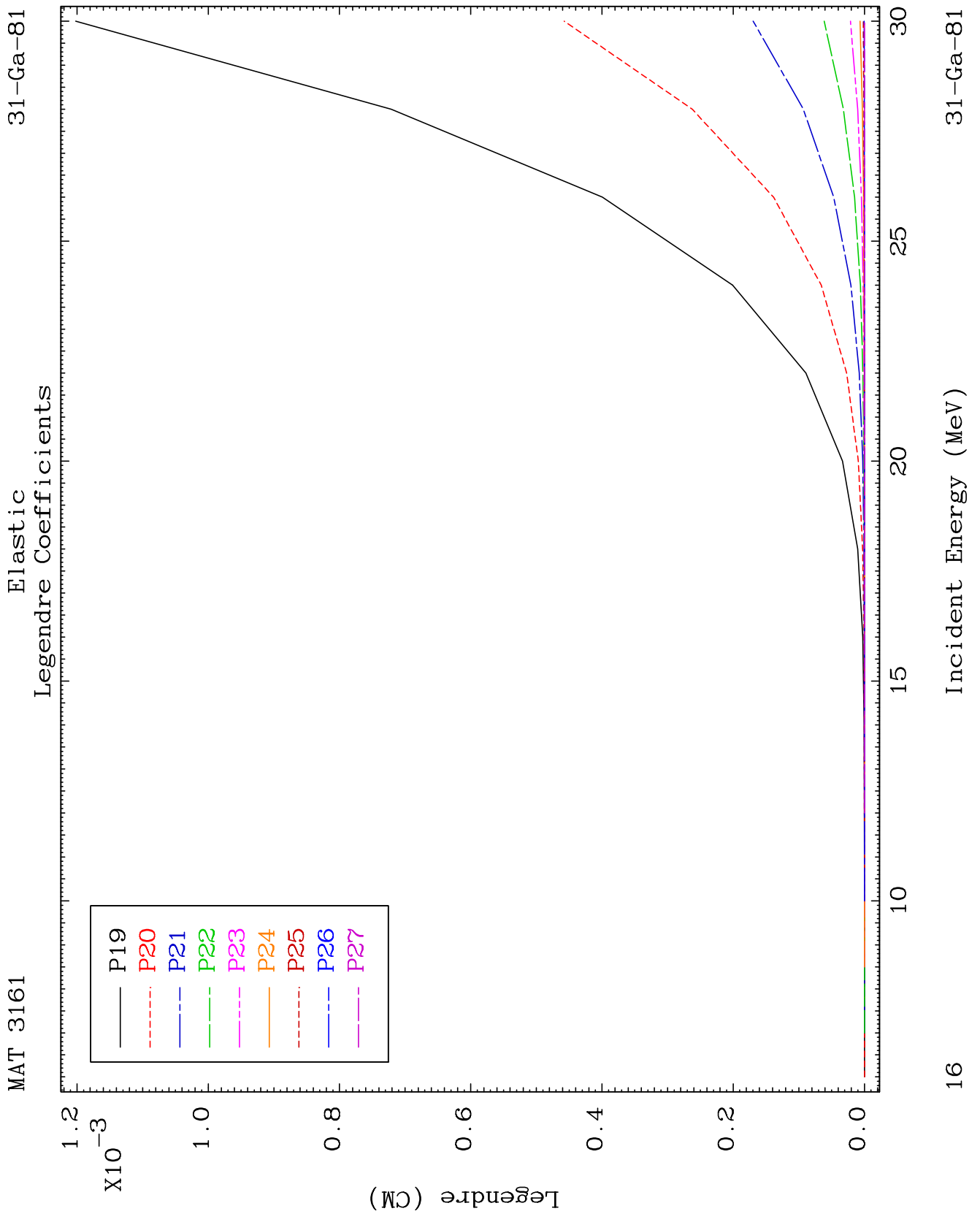
MAT 3161

$^{31}\text{Ga-81}$

14

$^{31}\text{Ga-81}$

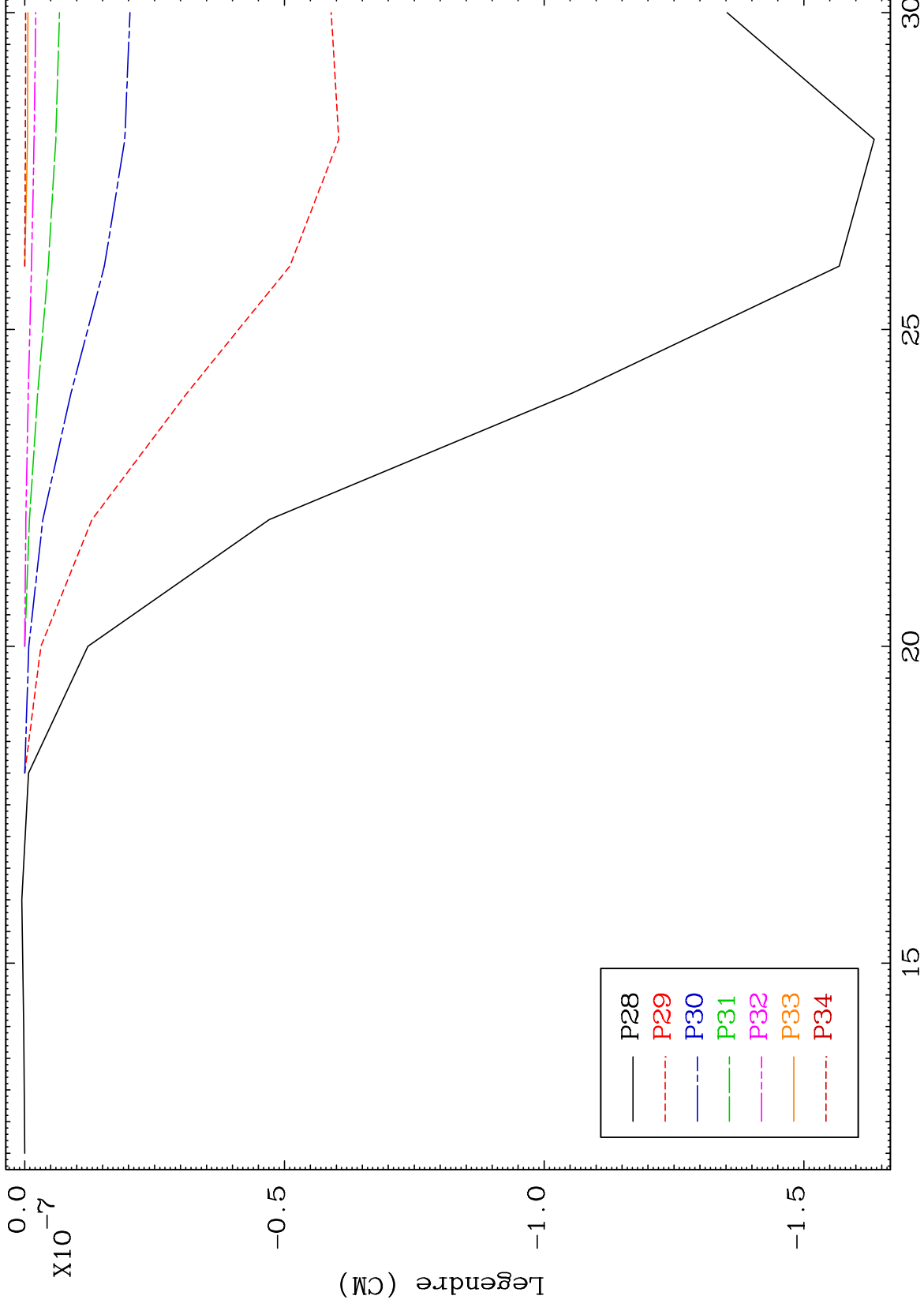




MAT 3161

31-Ga-81

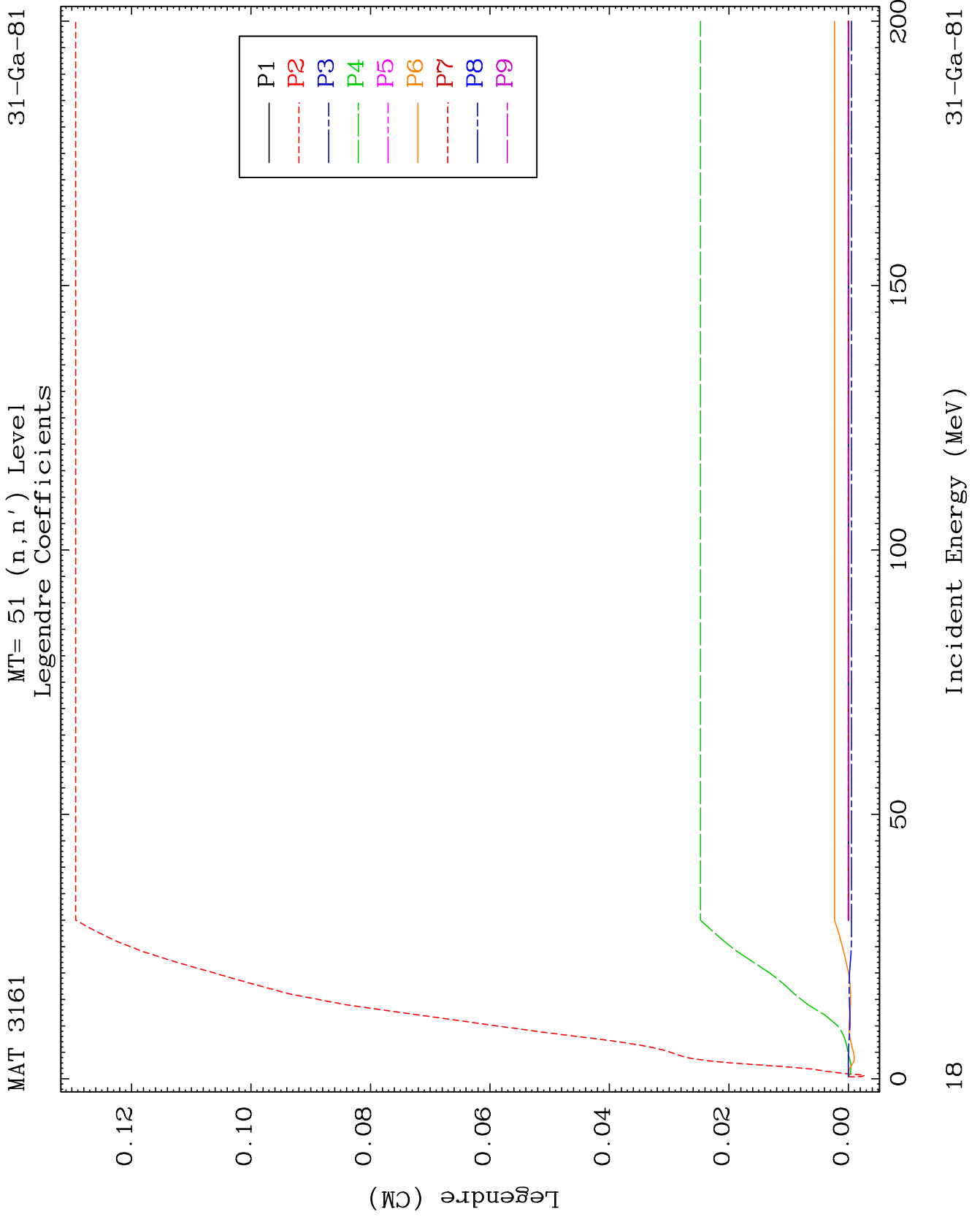
Elastic
Legendre Coefficients



17

Incident Energy (MeV)

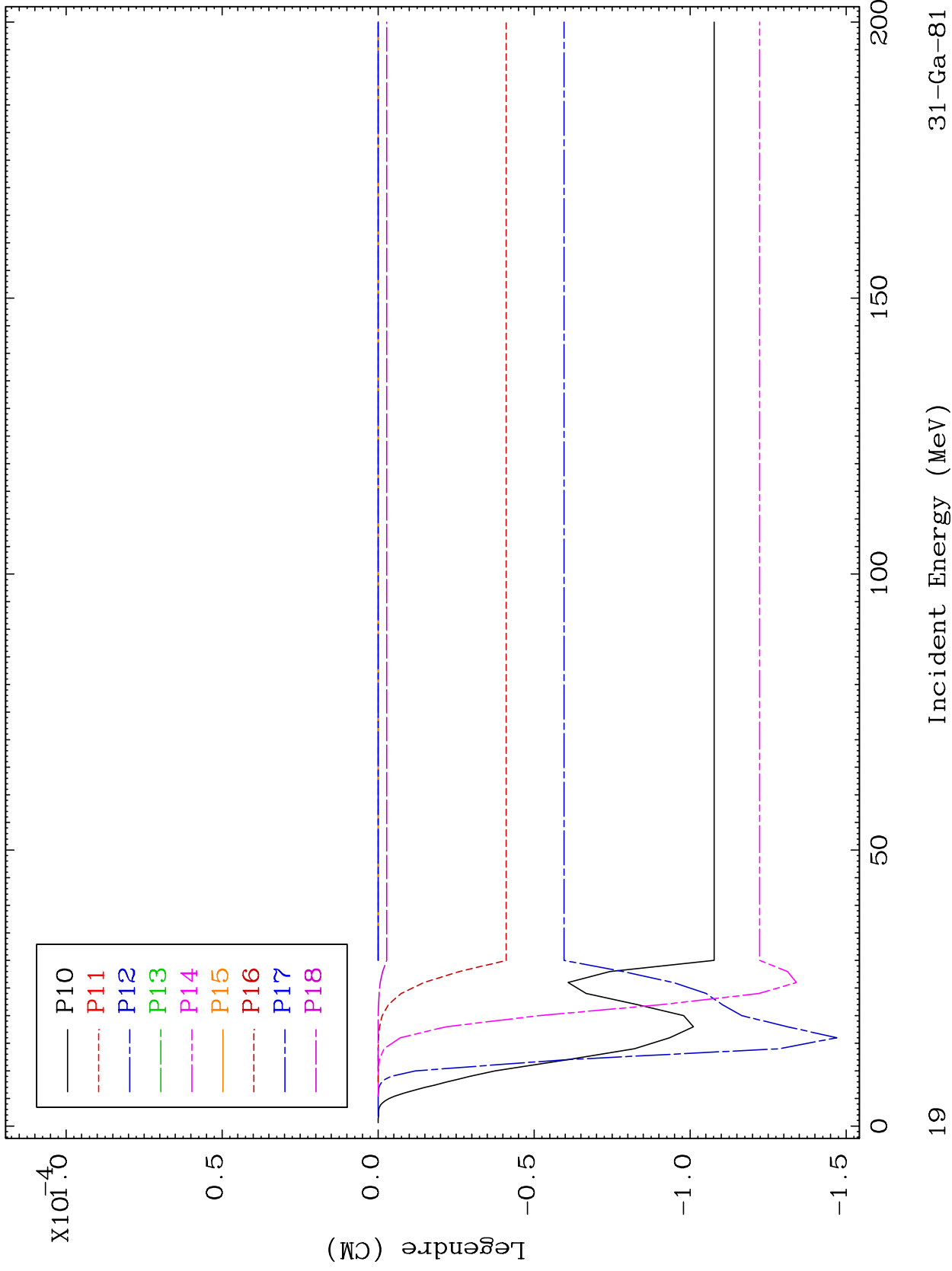
31-Ga-81



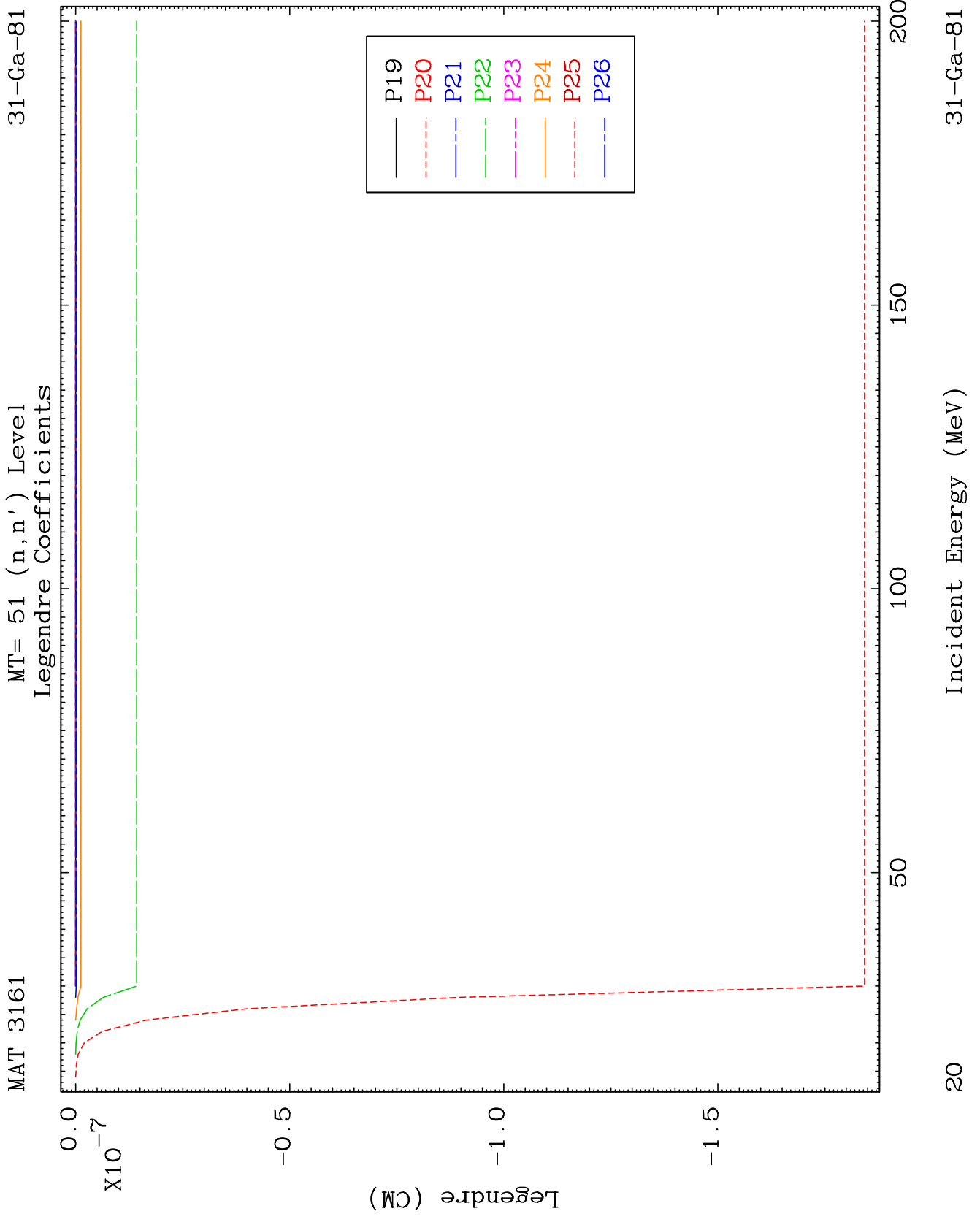
MAT 3161

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

31-Ga-81



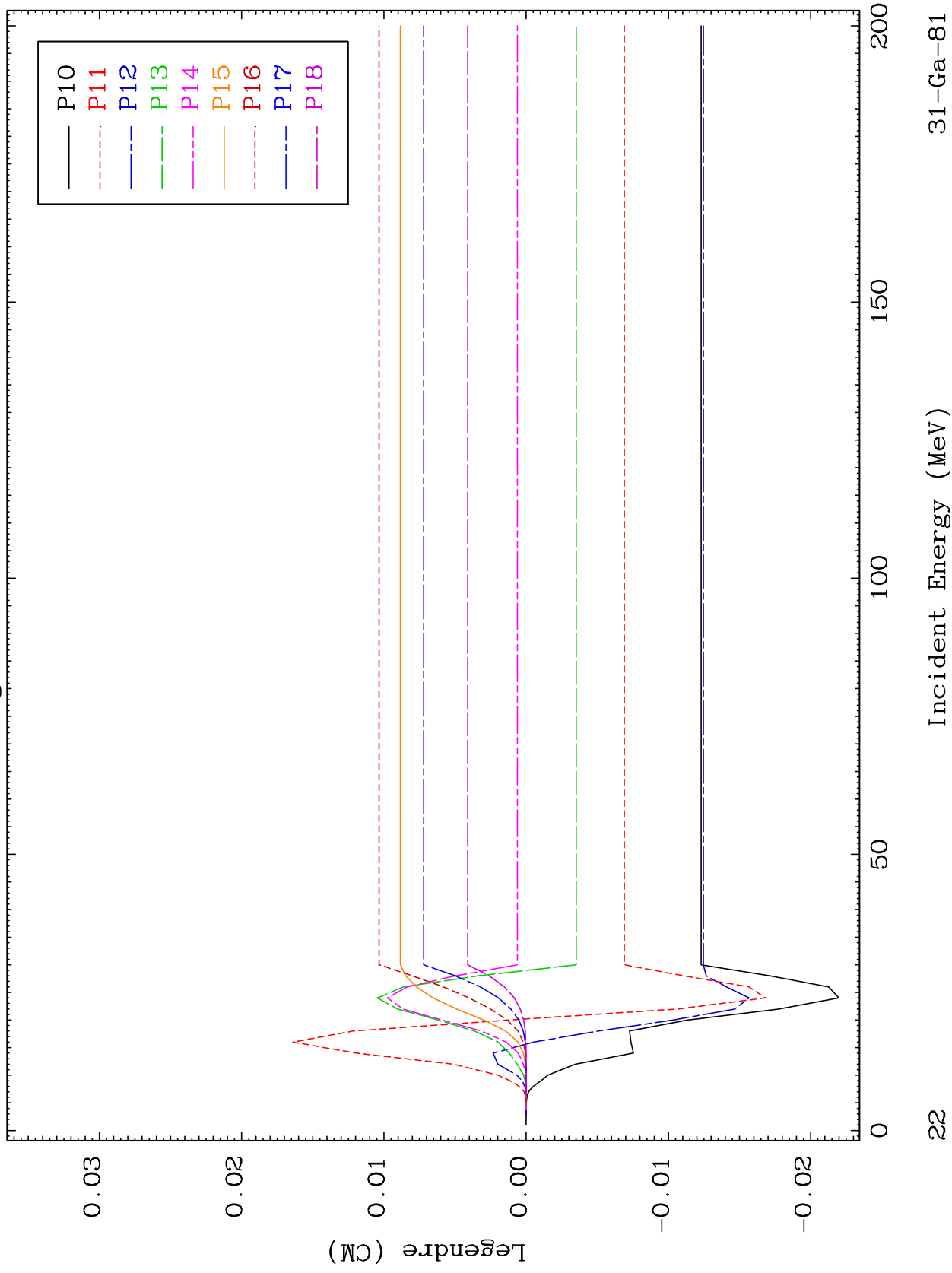
19



MAT 3161

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

31-Ga-81



22

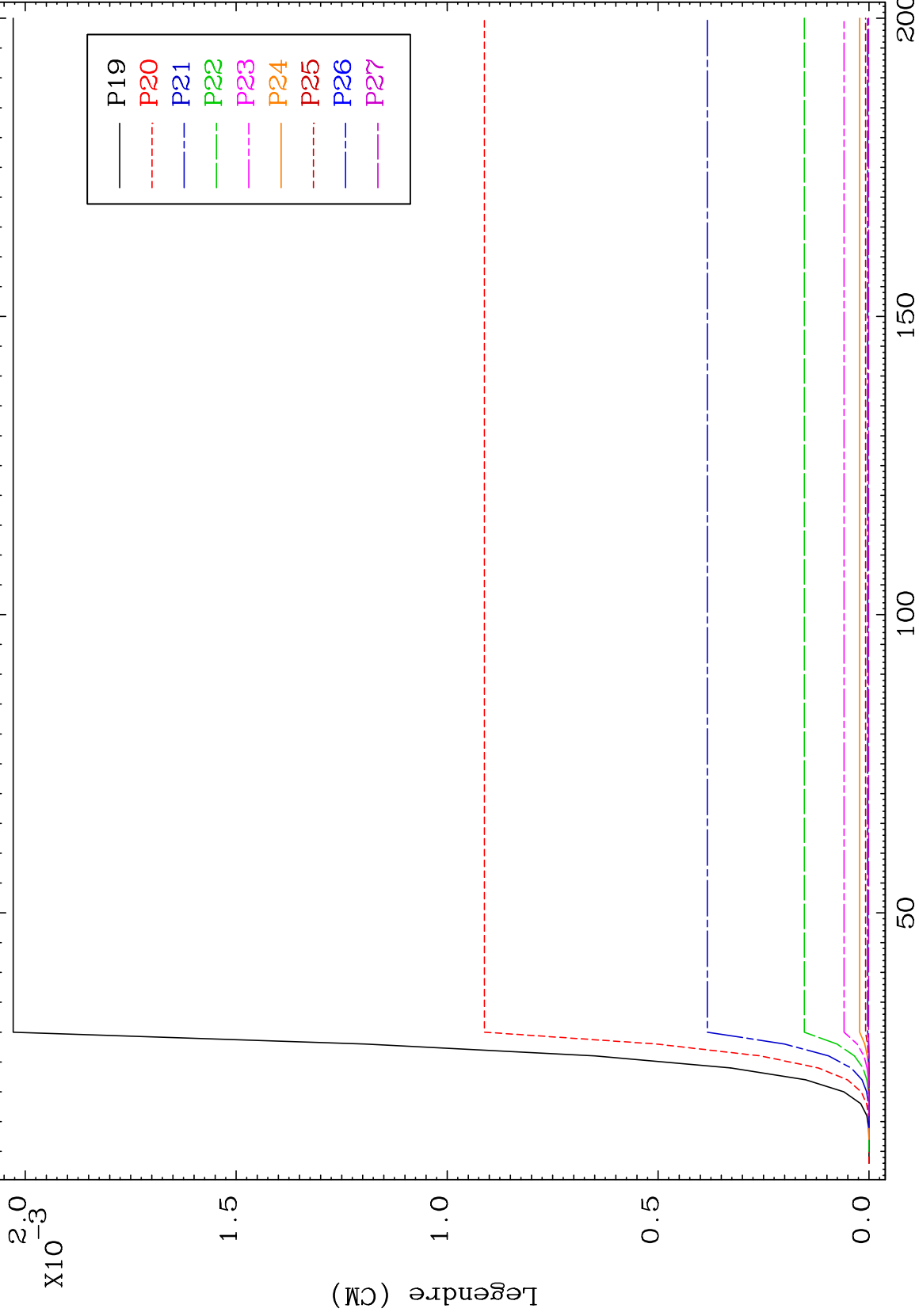
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



23

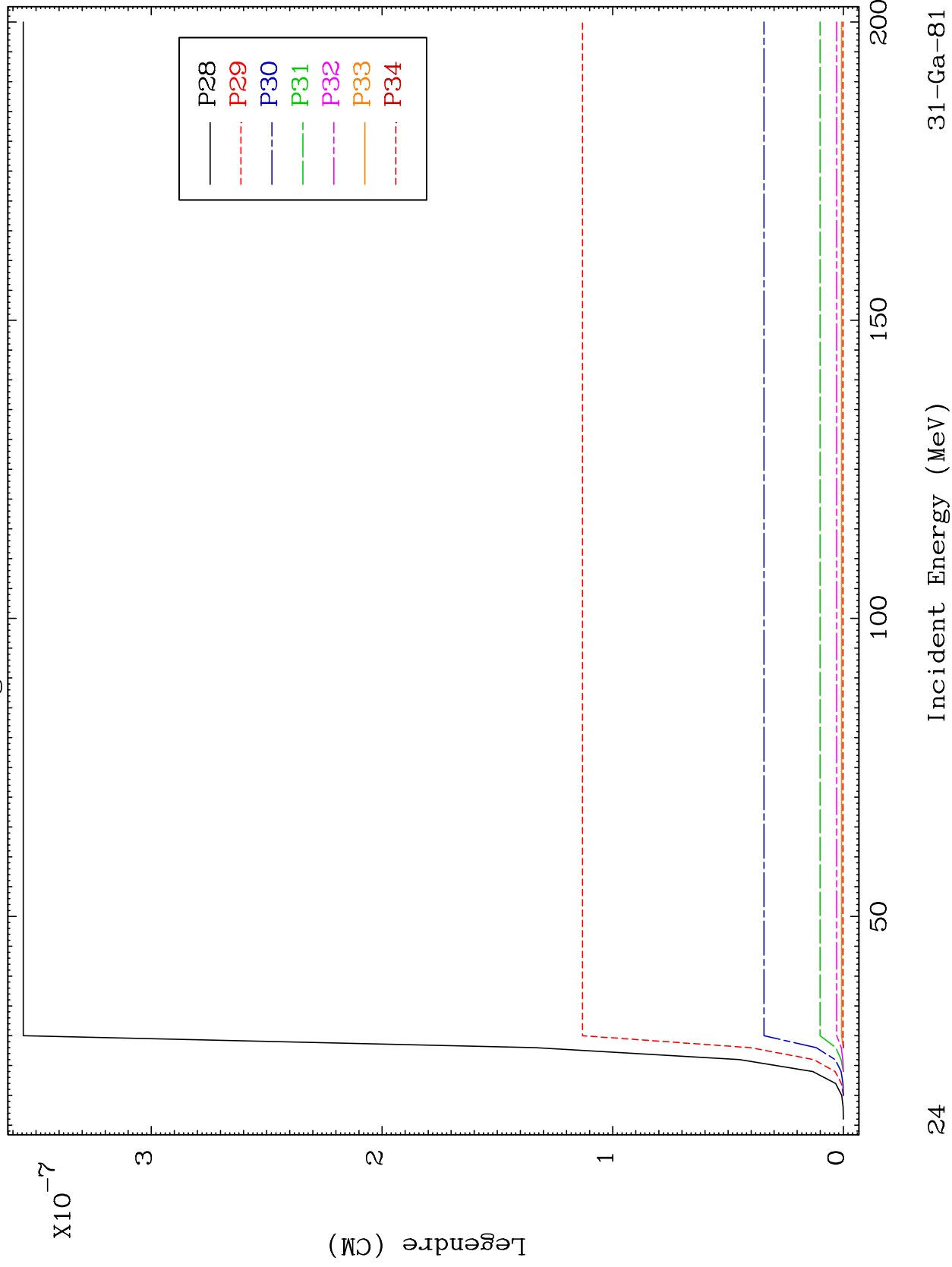
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



24

Incident Energy (MeV)

31-Ga-81

200

150

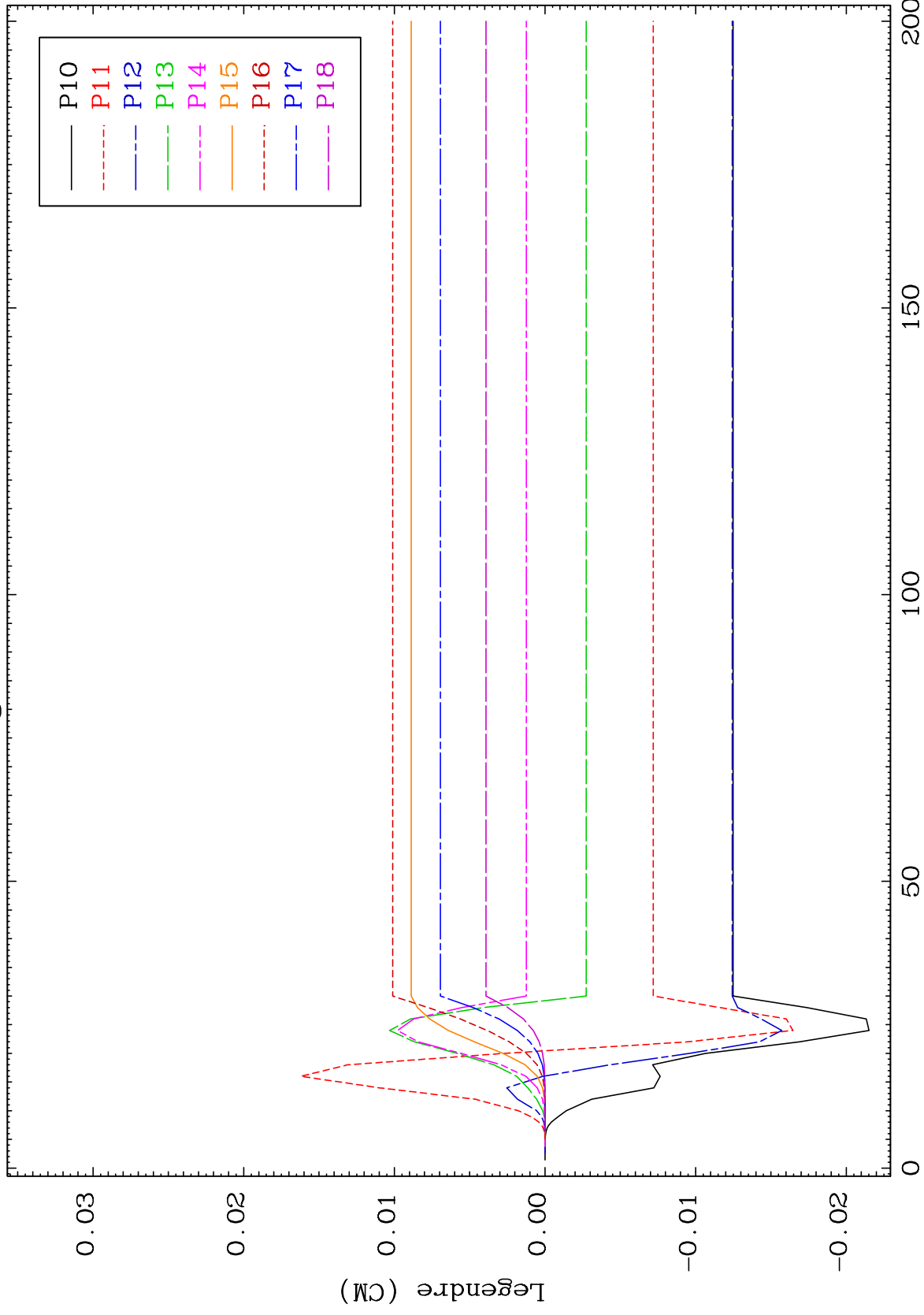
100

50

MAT 3161

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

31-Ga-81



26

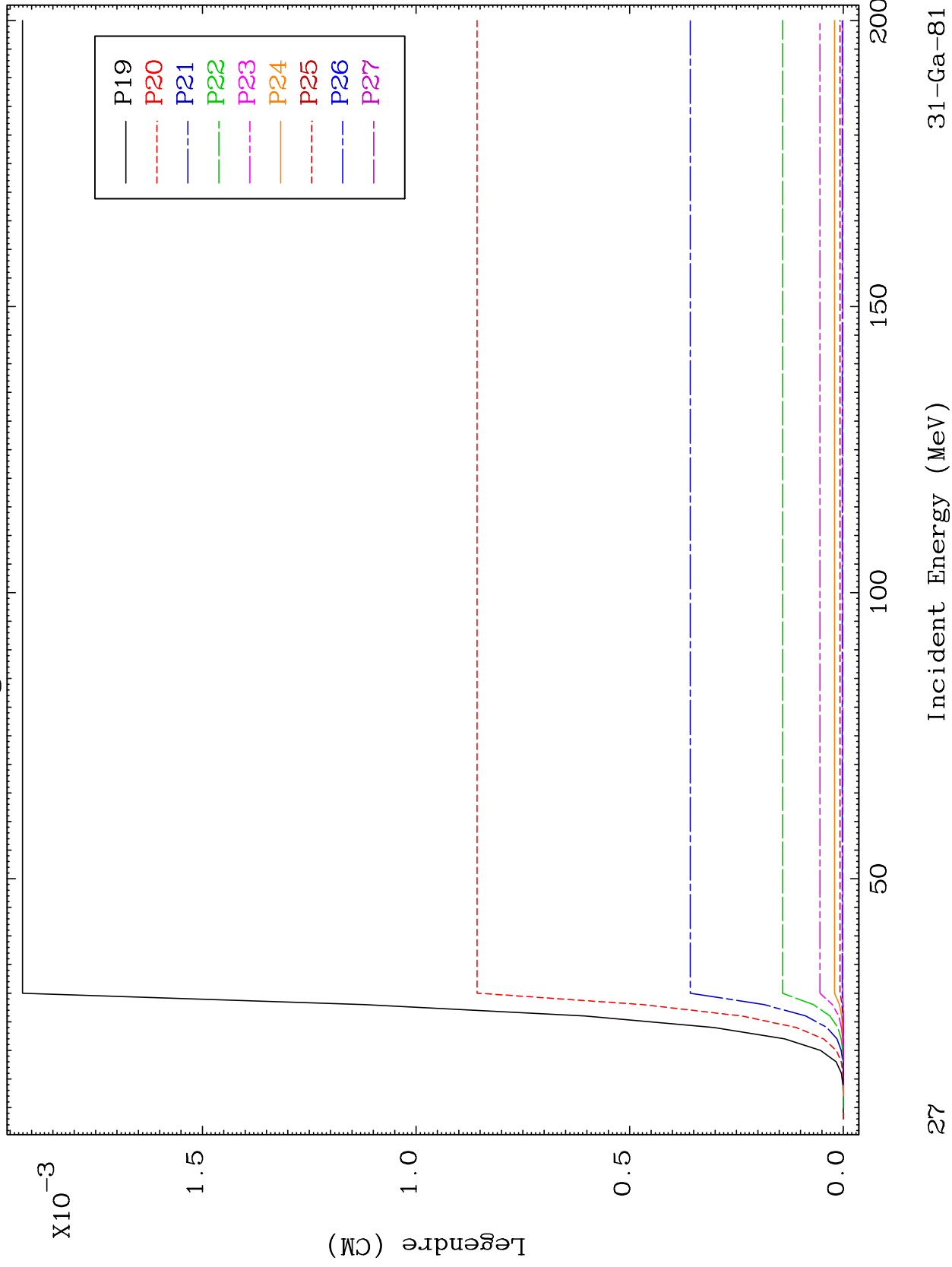
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



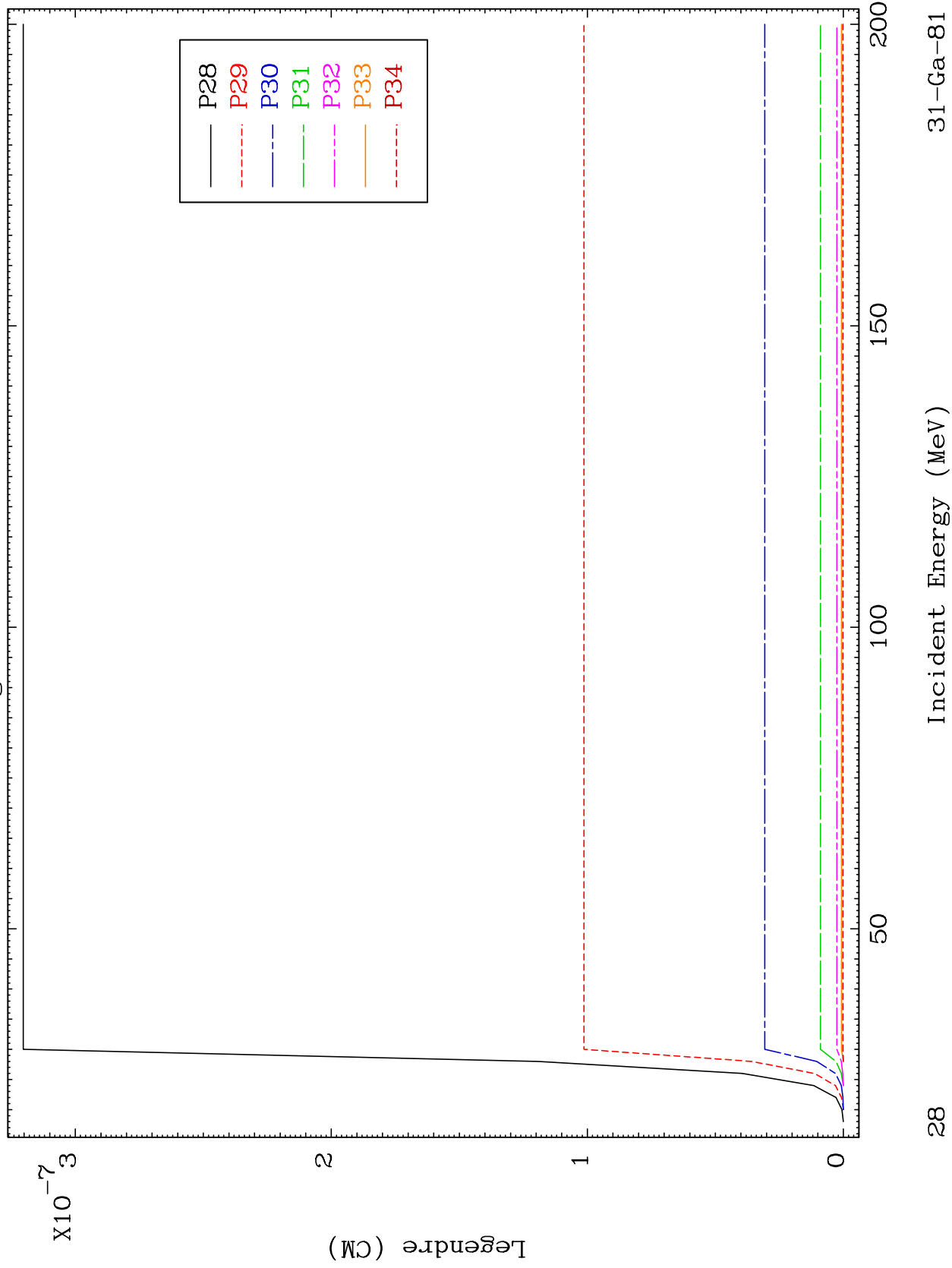
27

31-Ga-81

MAT 3161

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

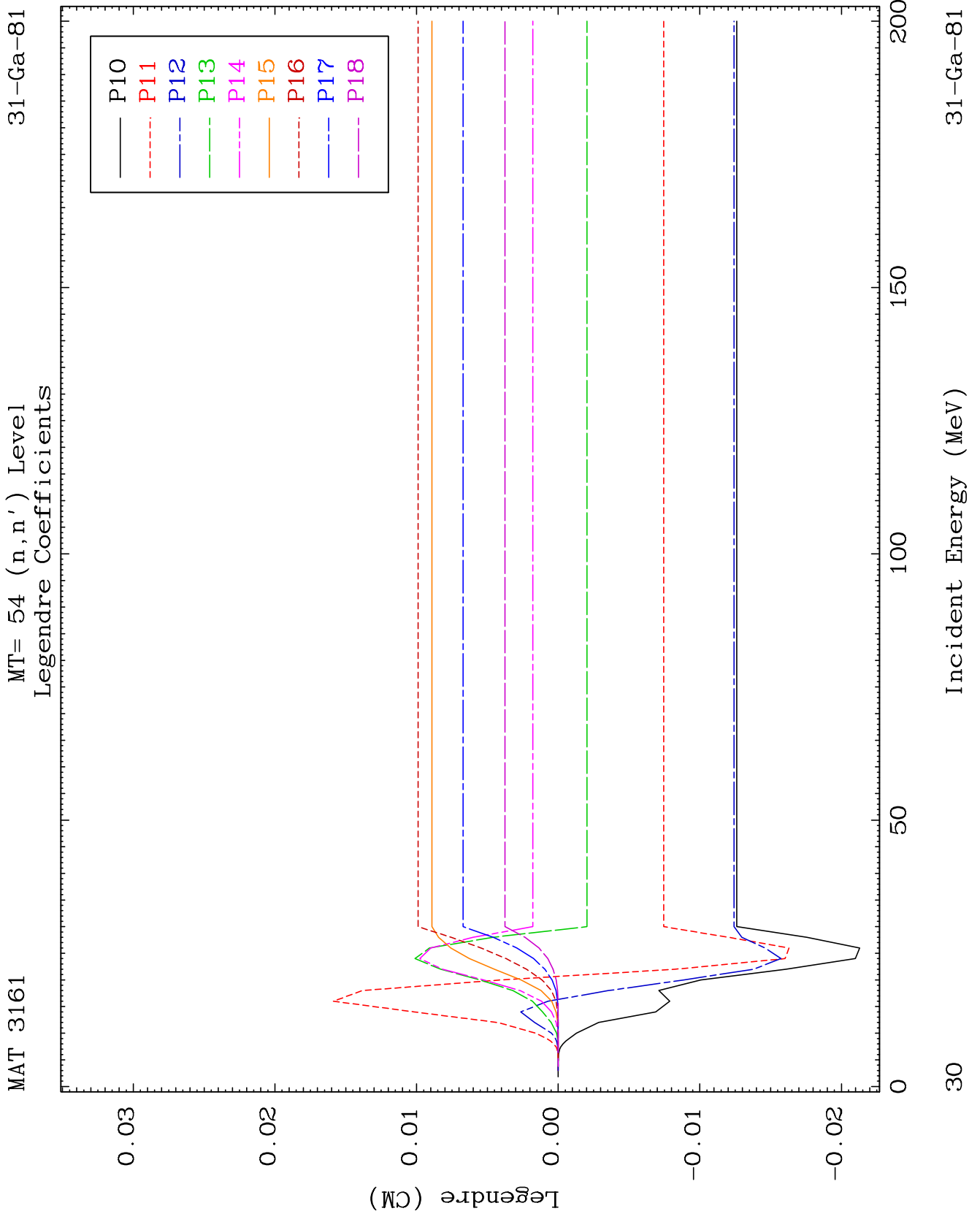
31-Ga-81



28

Incident Energy (MeV)

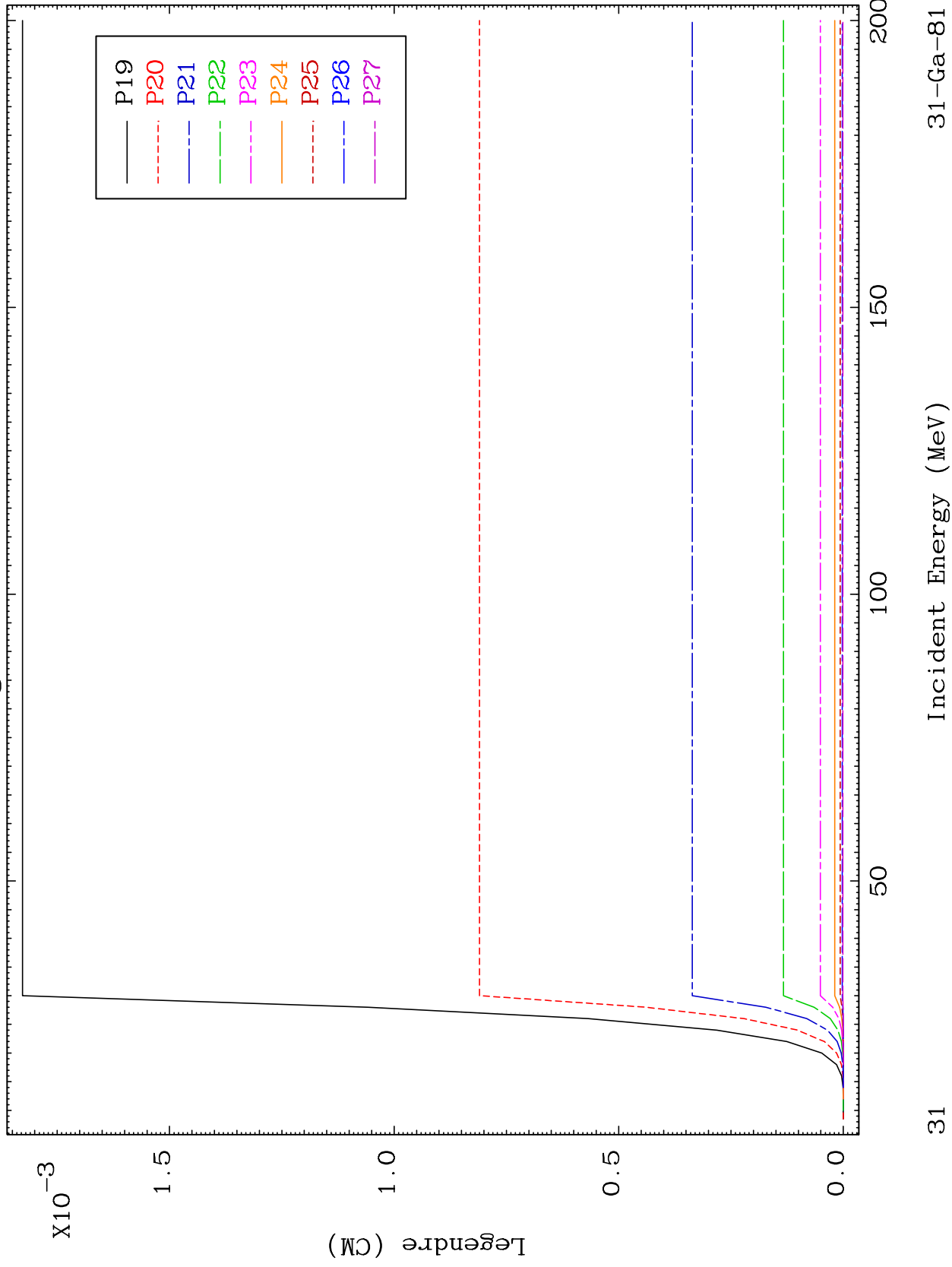
31-Ga-81



MAT 3161

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

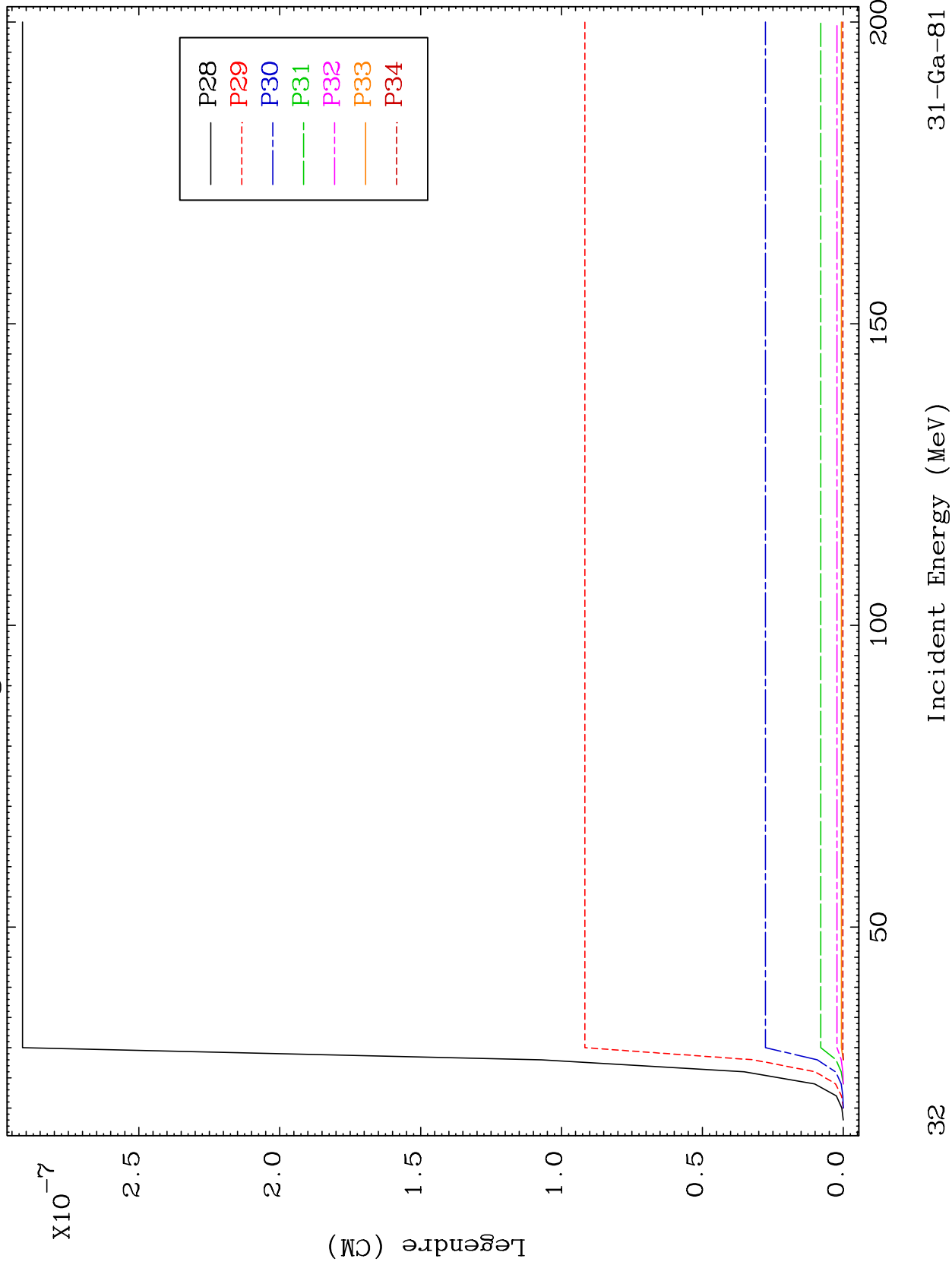
31-Ga-81



MAT 3161

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

31-Ga-81



32

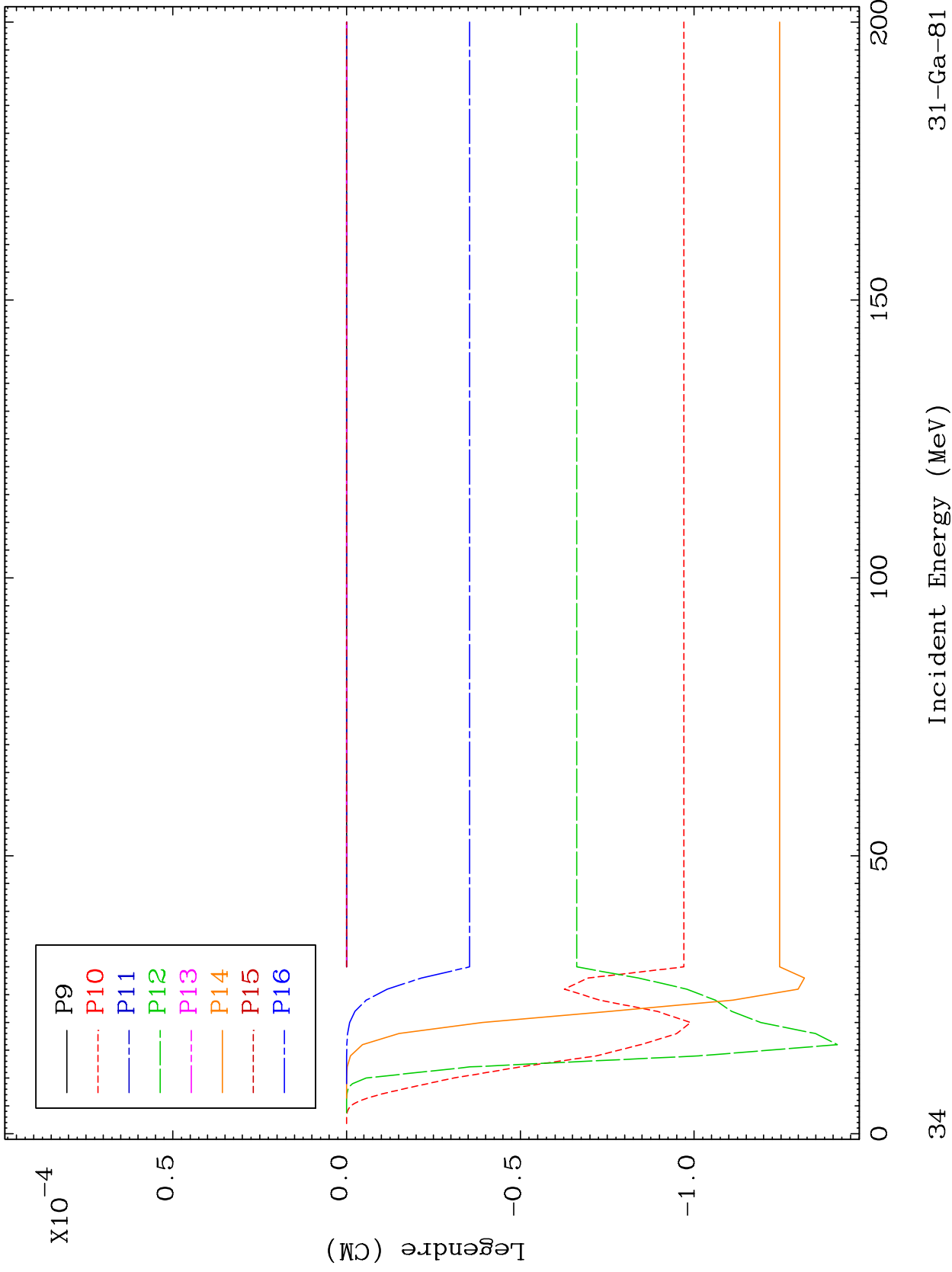
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

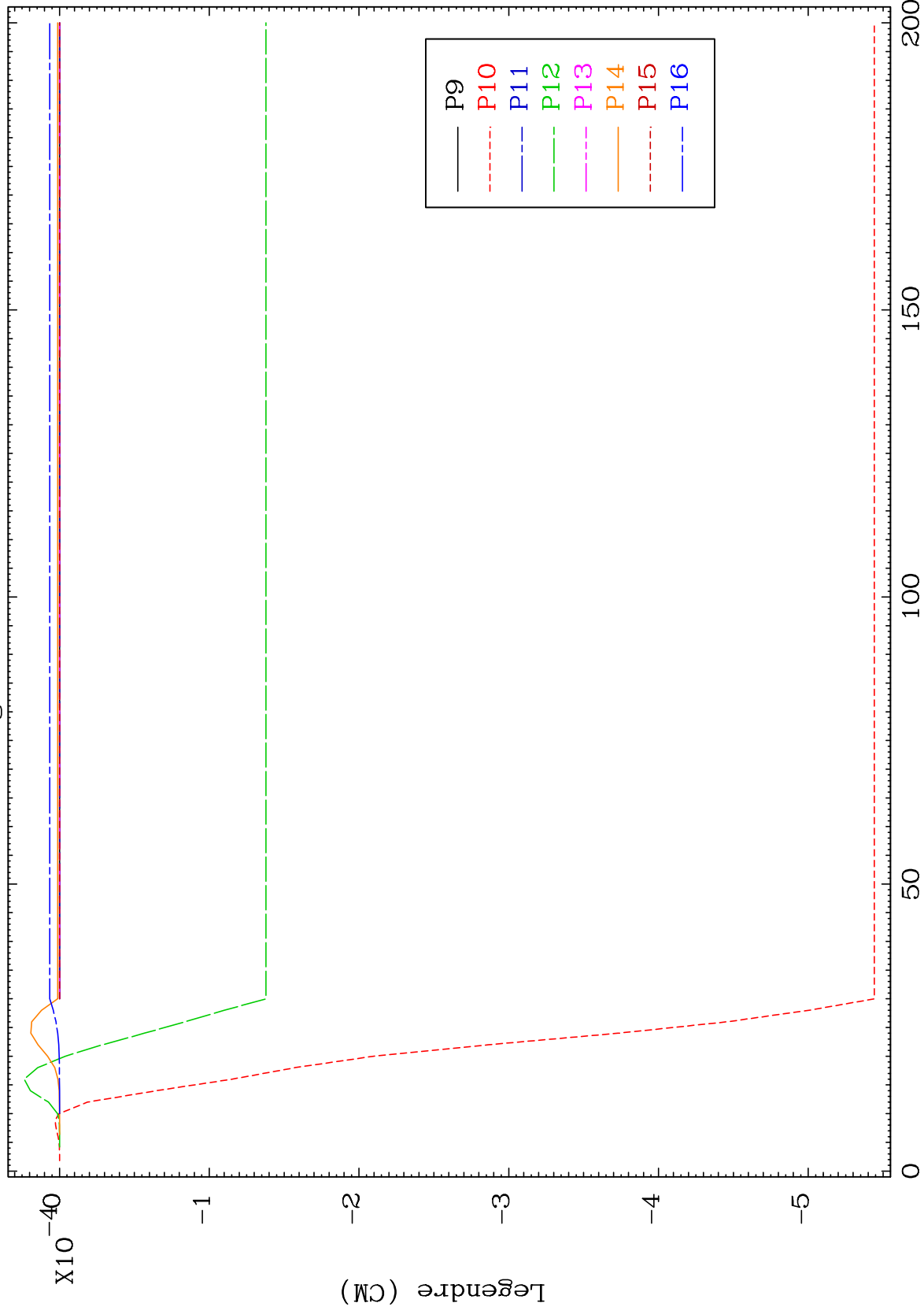
31-Ga-81



MAT 3161

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

31-Ga-81



37

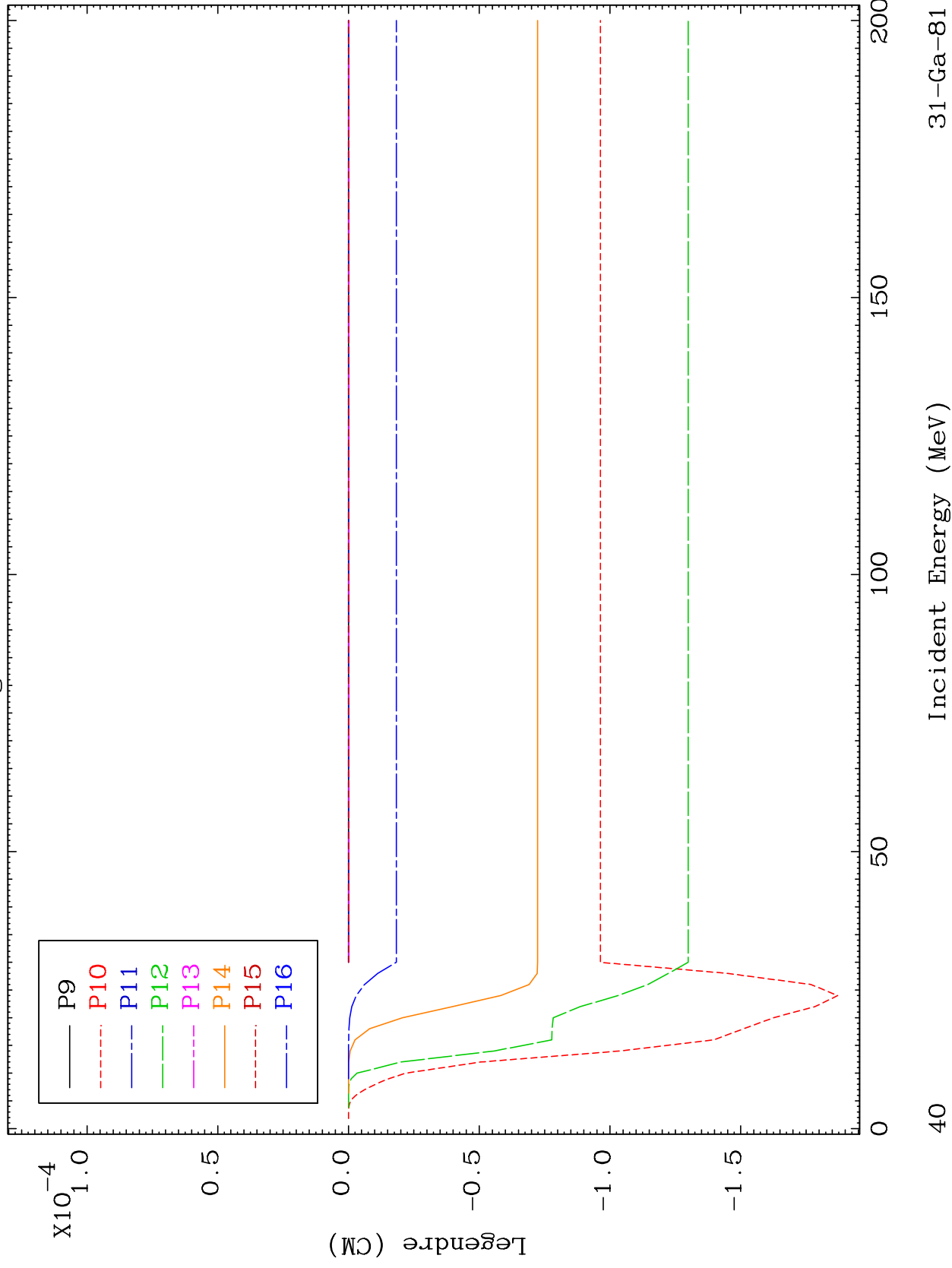
Incident Energy (MeV)

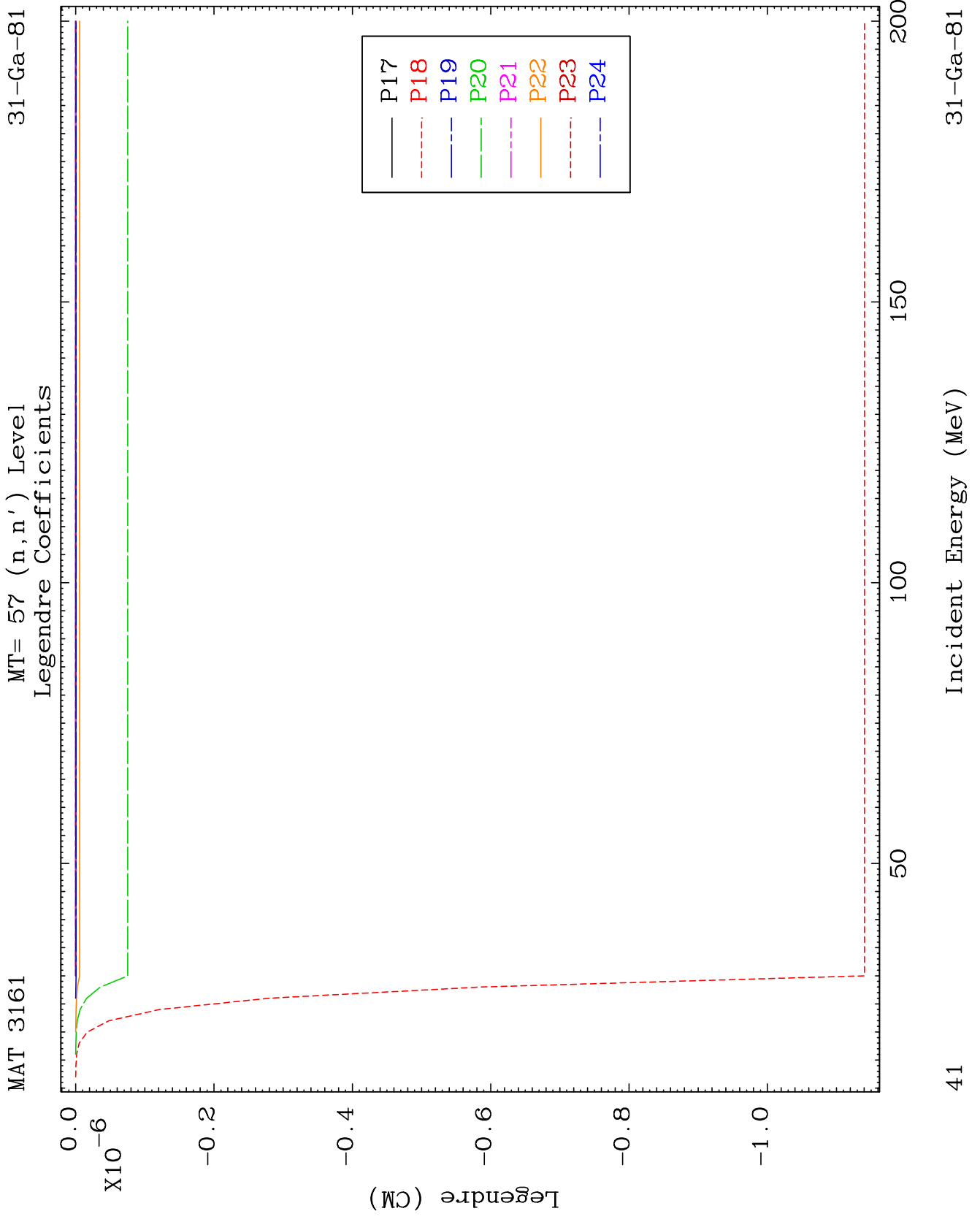
31-Ga-81

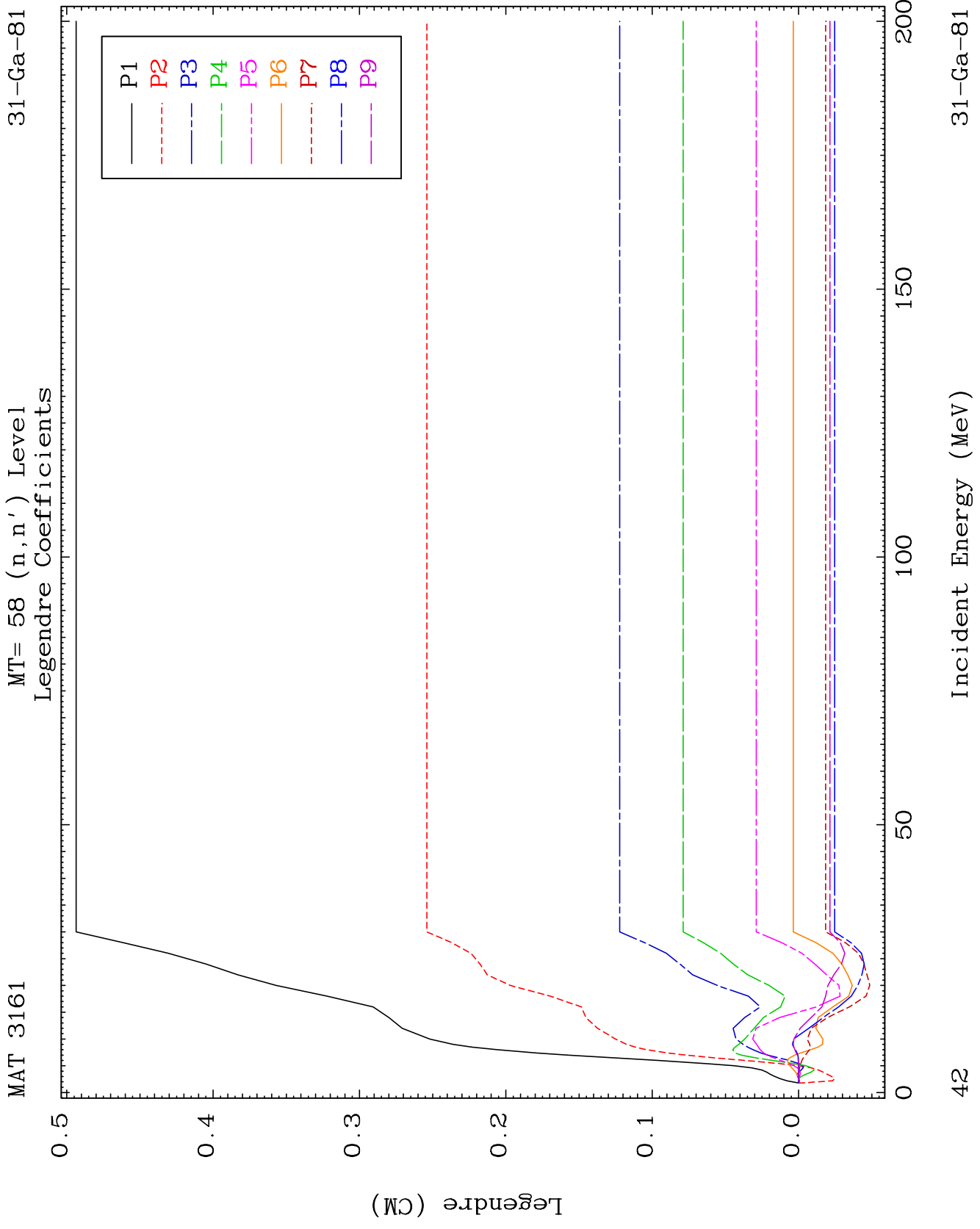
MAT 3161

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

31-Ga-81



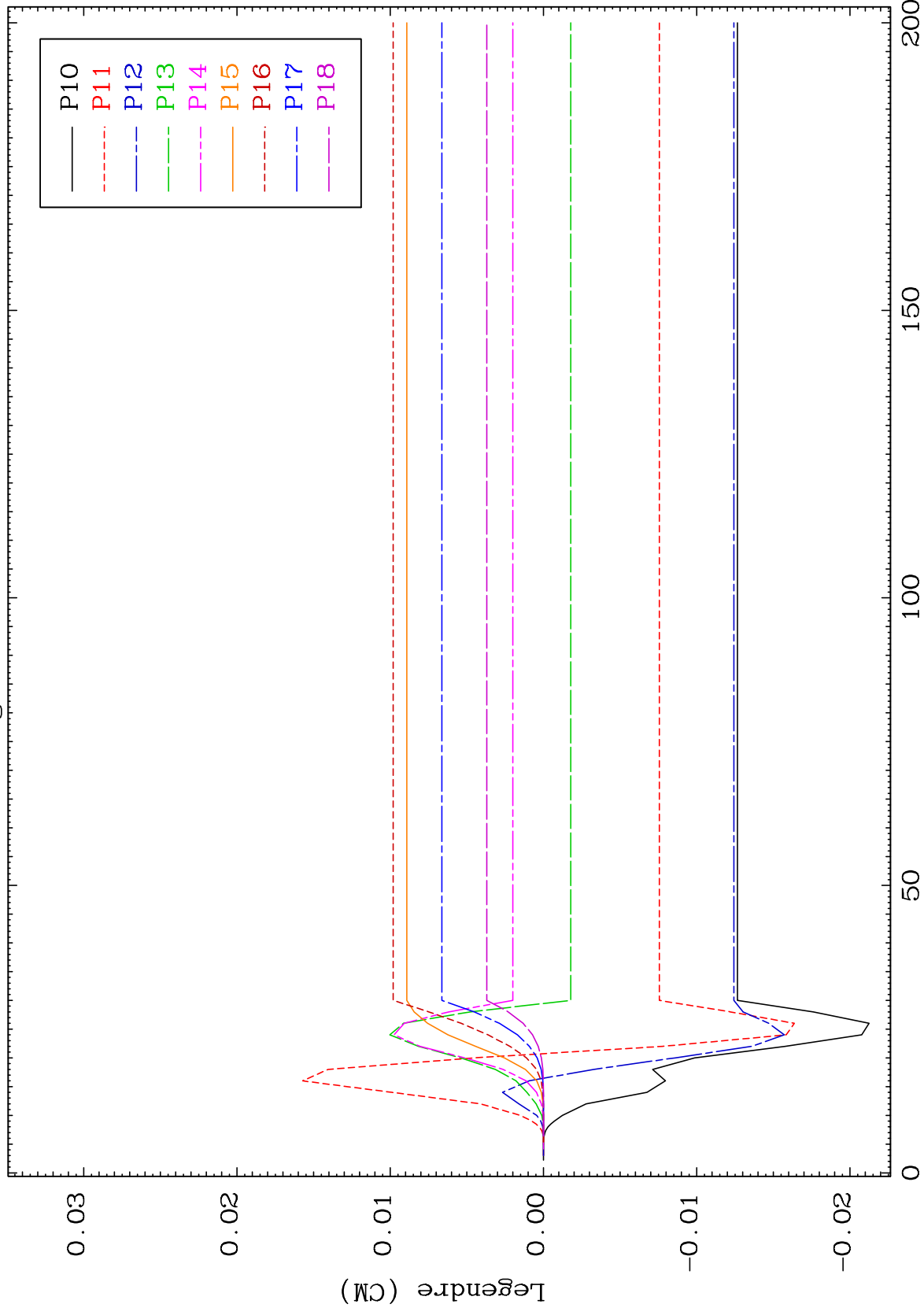




MAT 3161

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

31-Ga-81



43

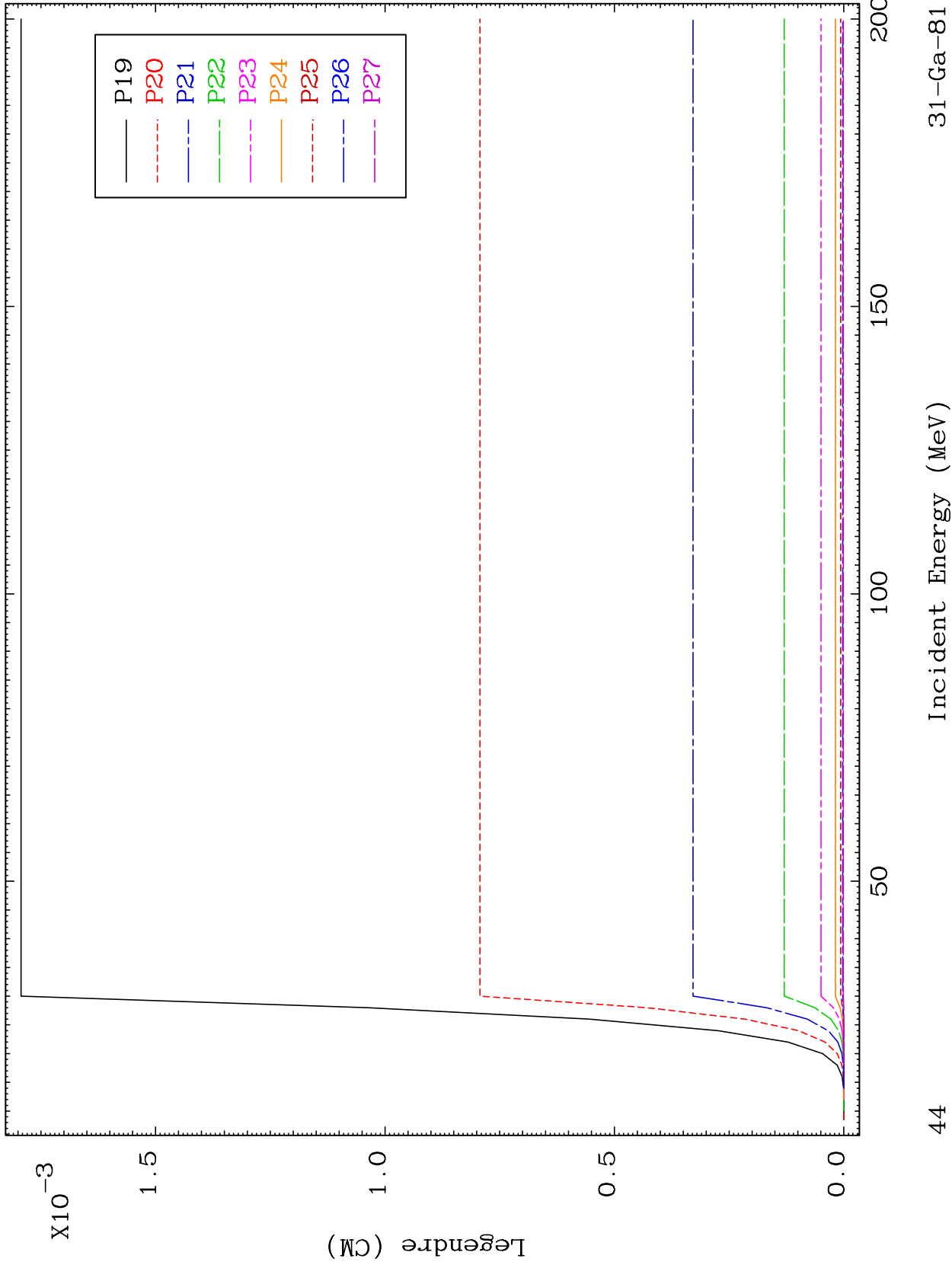
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

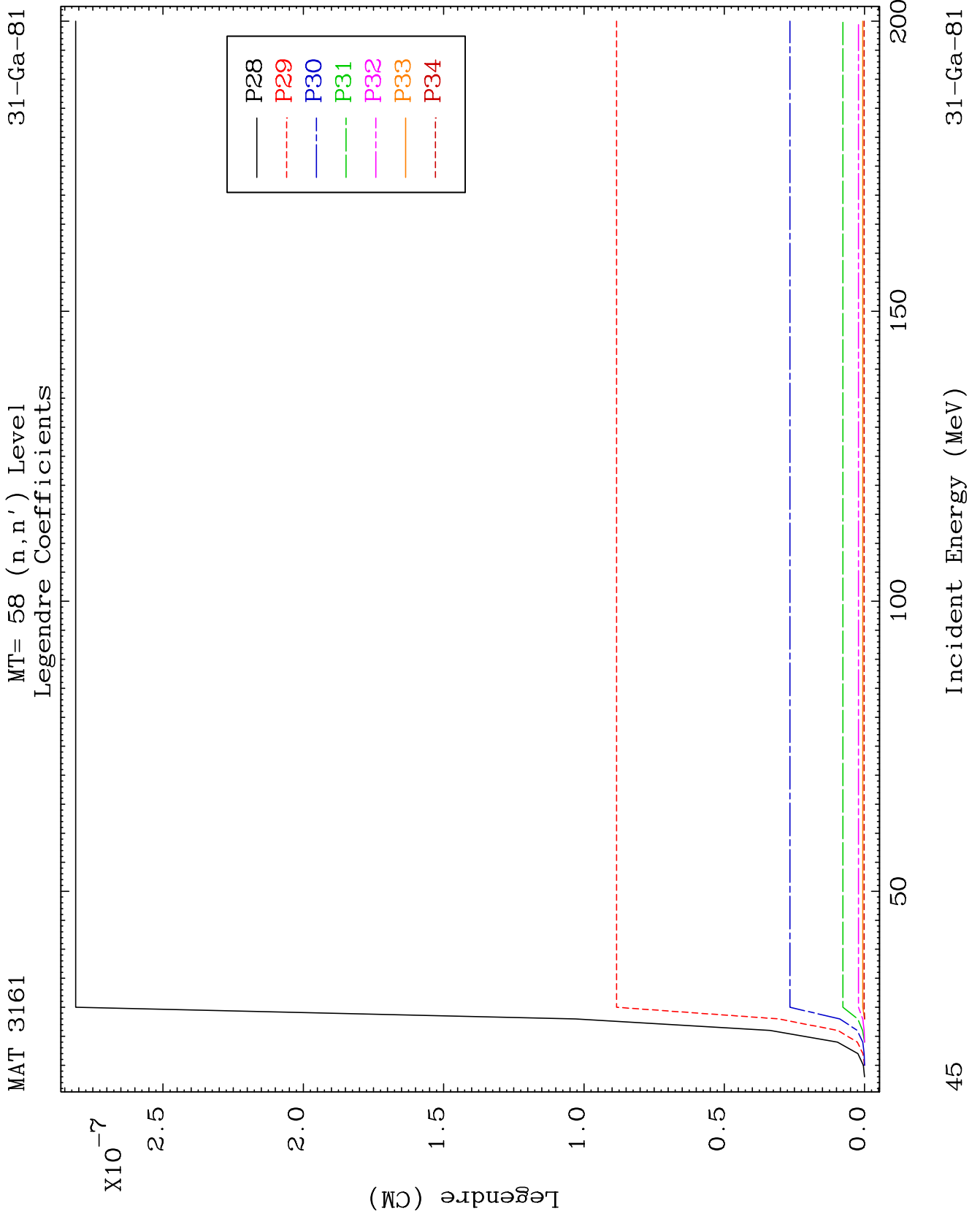
31-Ga-81

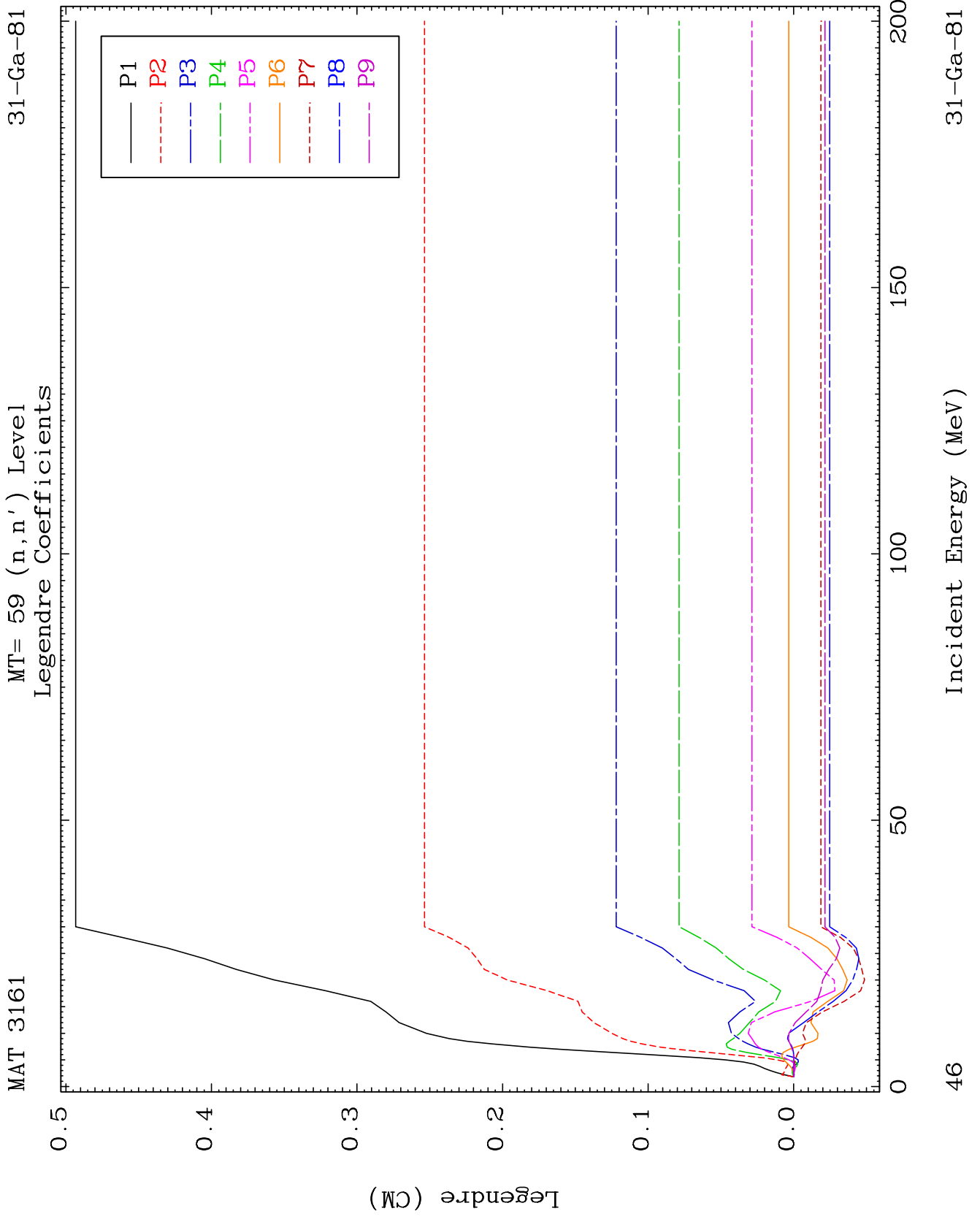


44

Incident Energy (MeV)

31-Ga-81

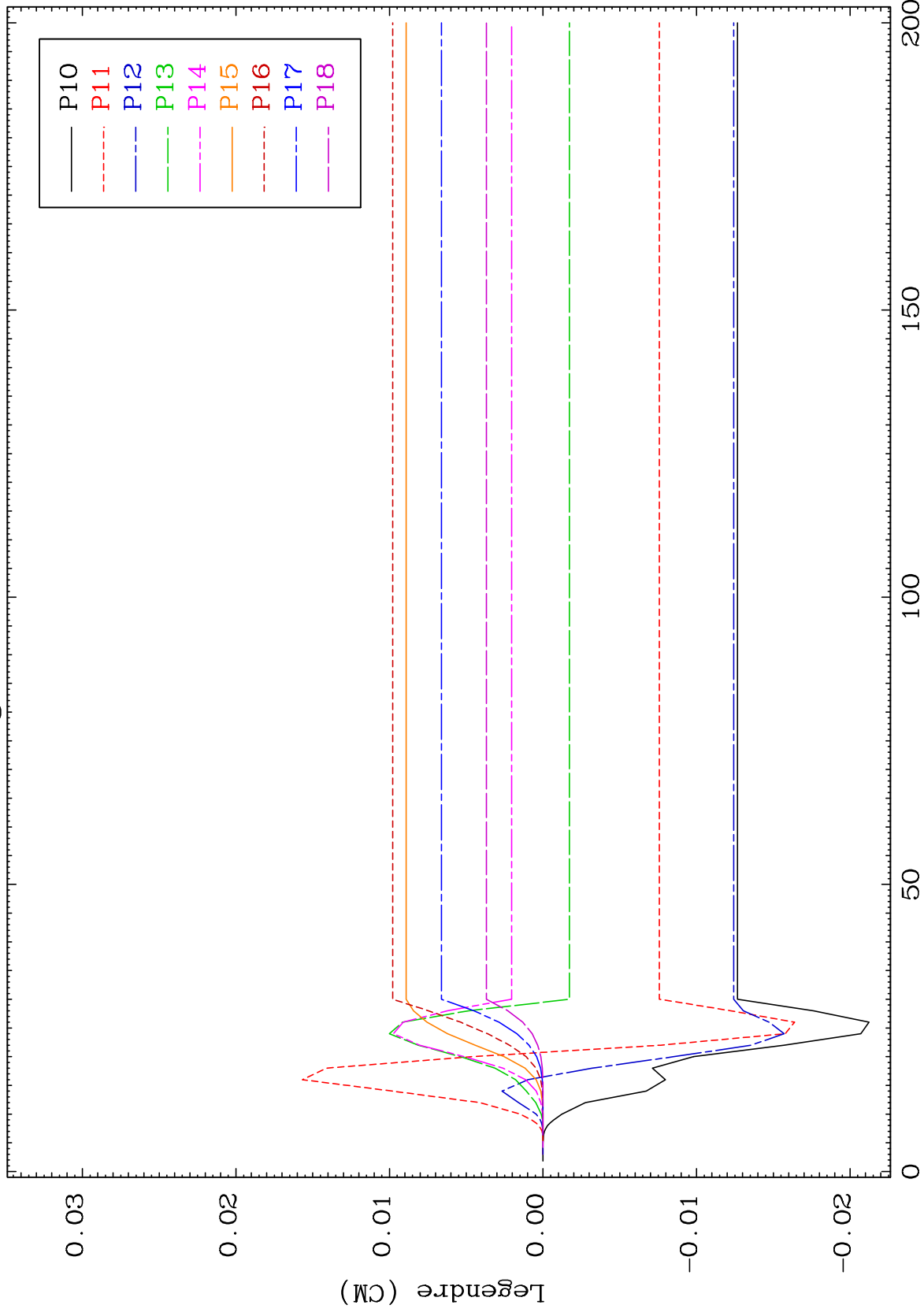




MAT 3161

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

31-Ga-81



47

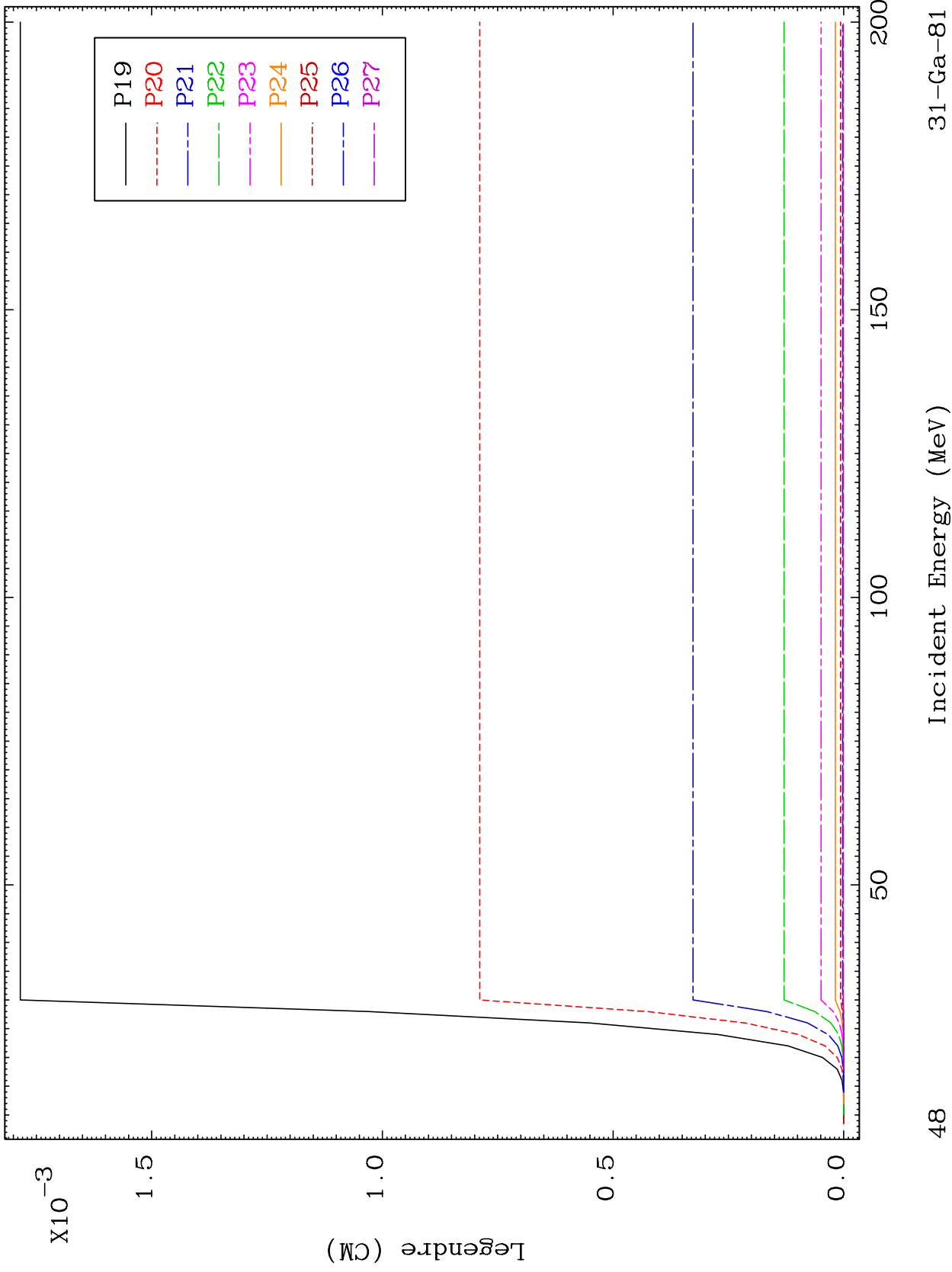
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



48

Incident Energy (MeV)

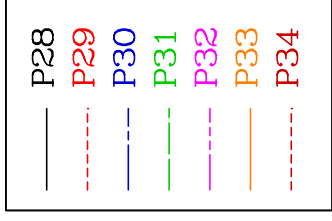
31-Ga-81

MAT 3161

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

31-Ga-81

$\times 10^{-7}$
2.5
2.0
1.5
1.0
0.5
0.0



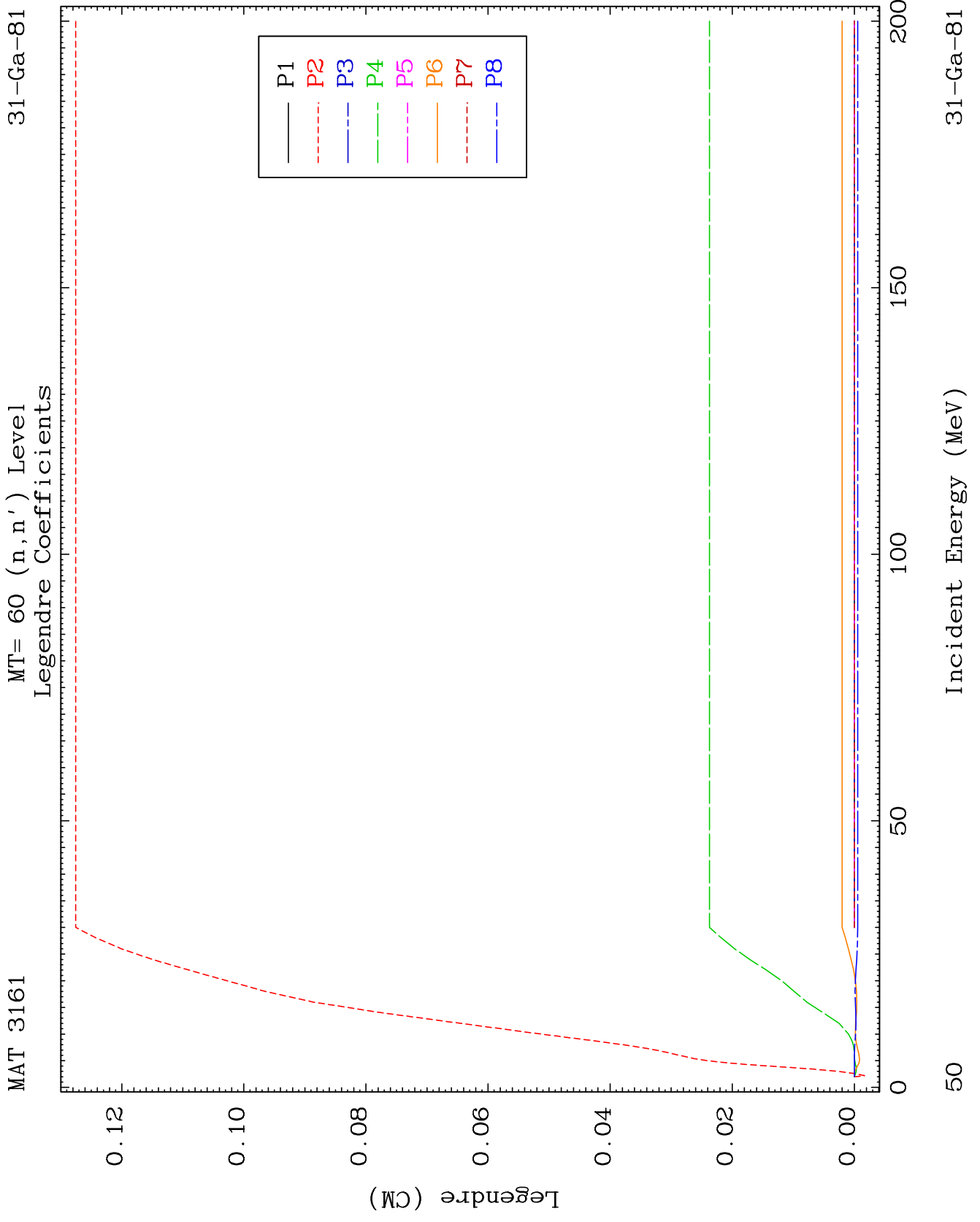
Legendre (CM)

50 100 150 200

49

Incident Energy (MeV)

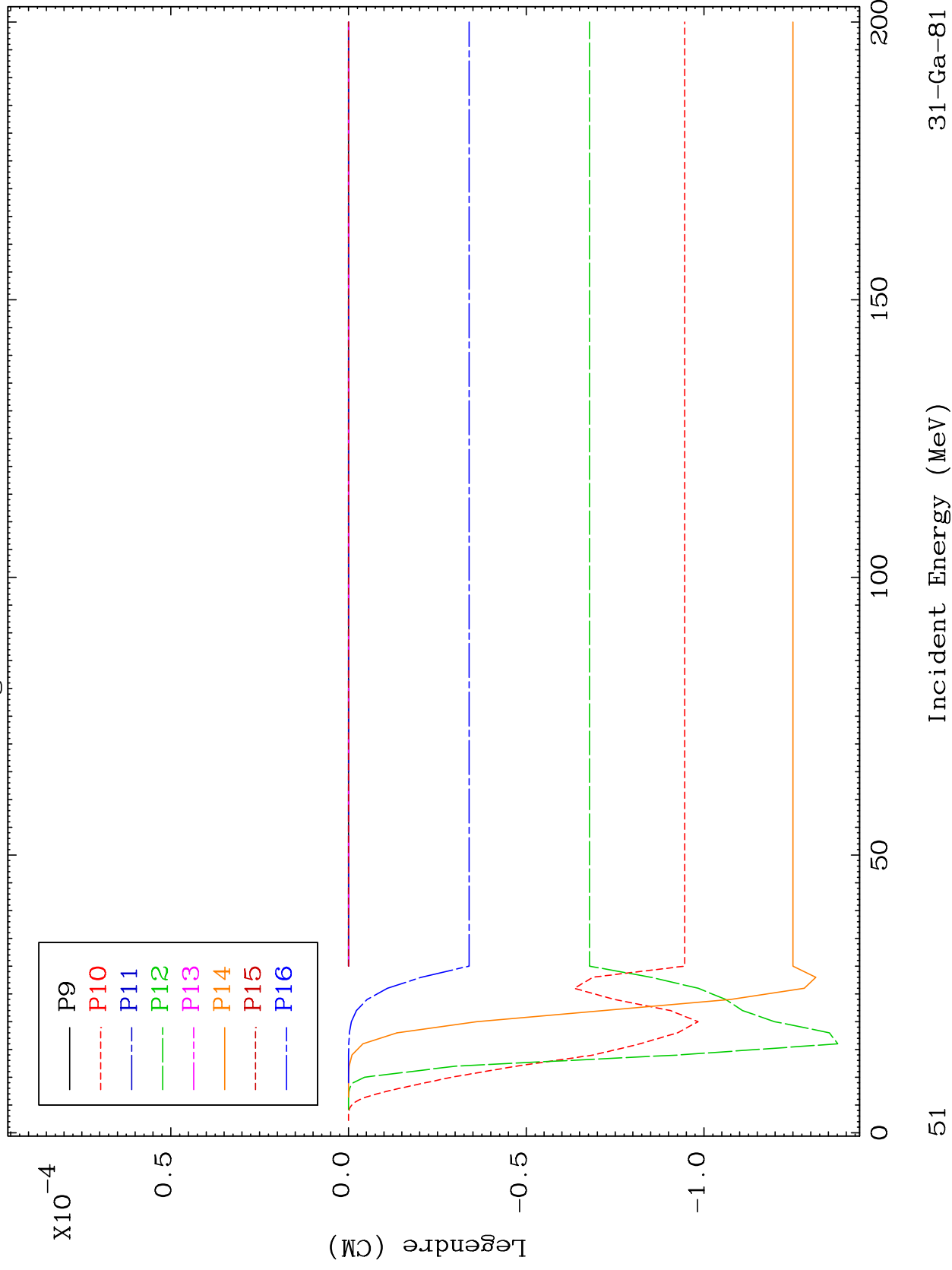
31-Ga-81



MAT 3161

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

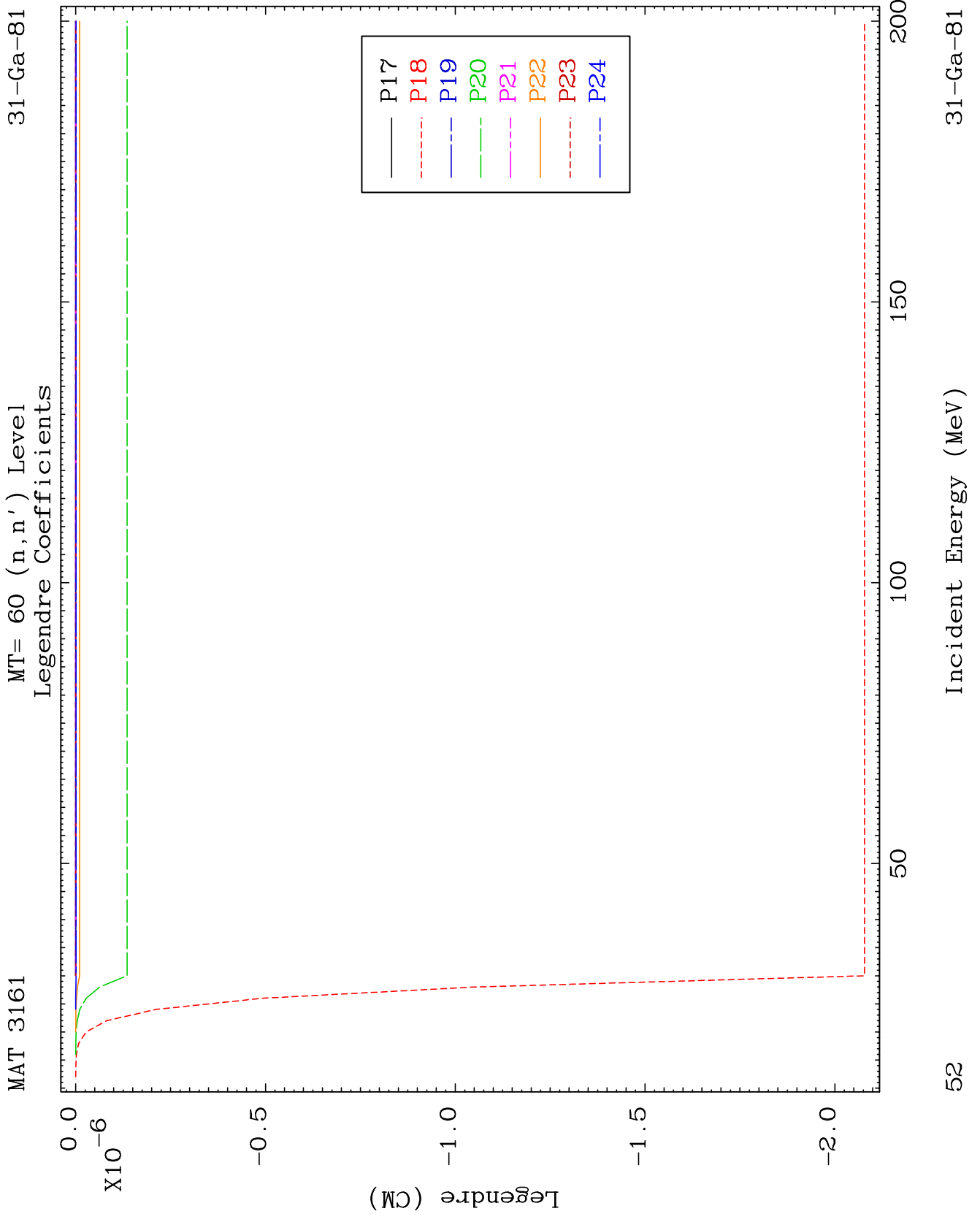
31-Ga-81

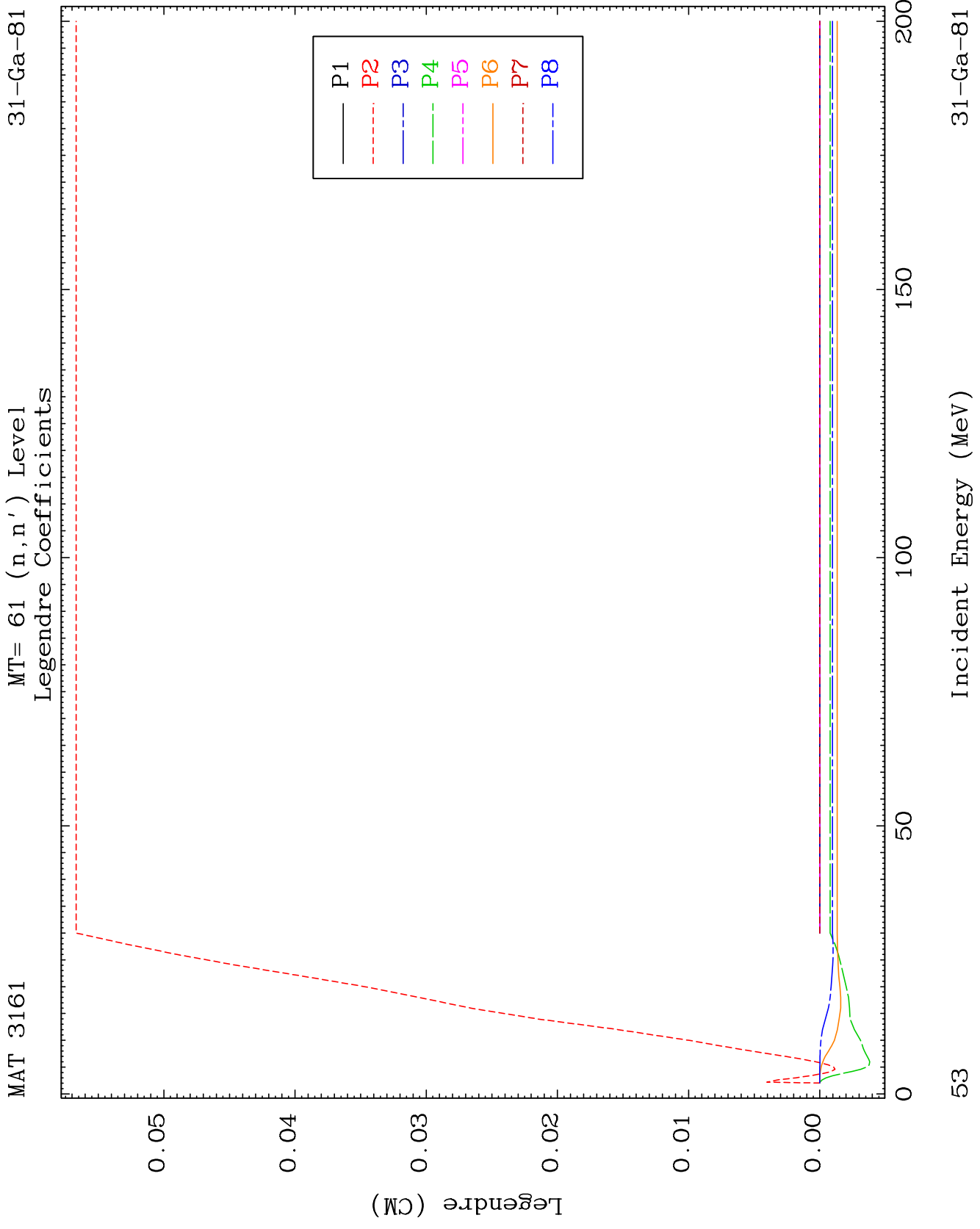


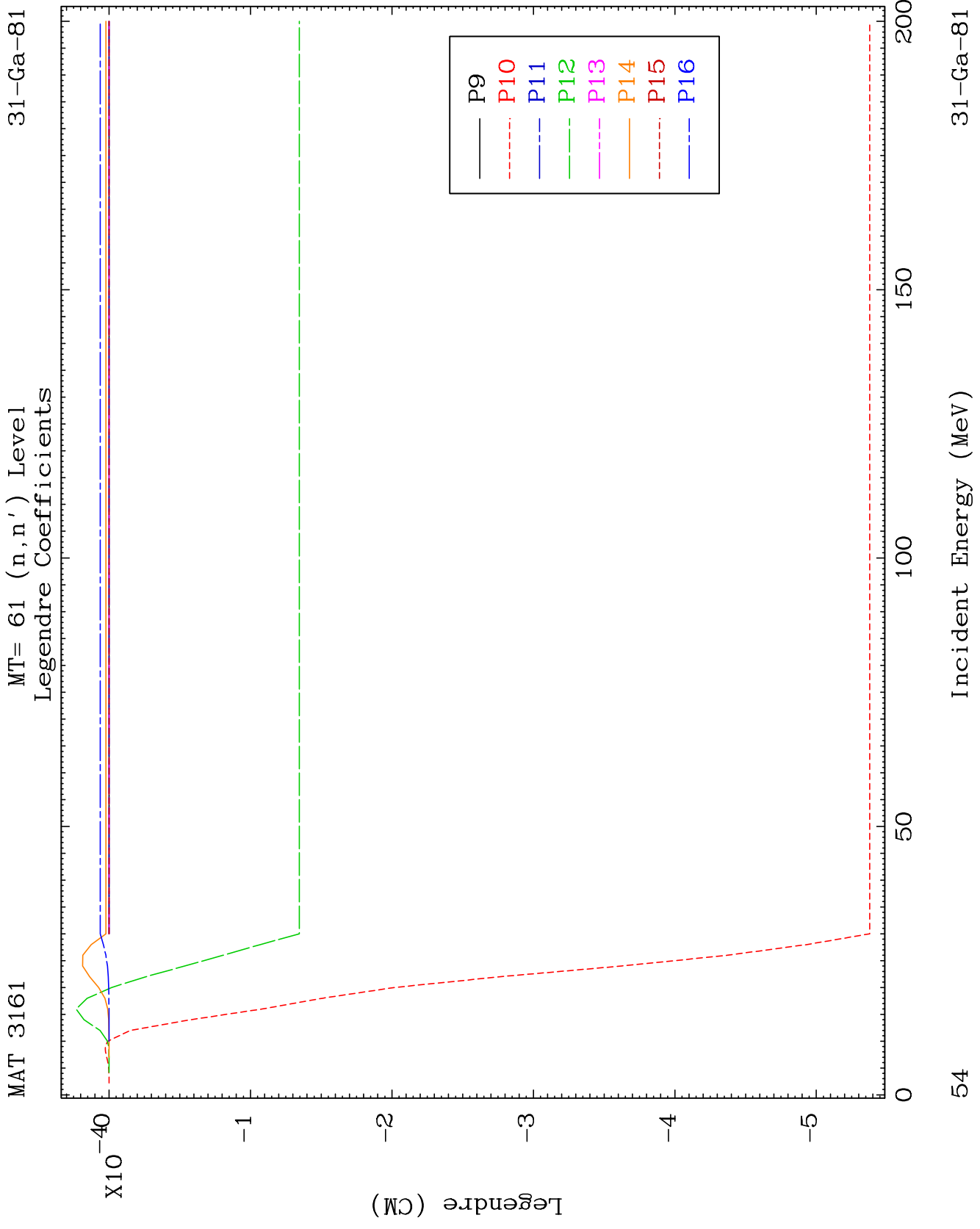
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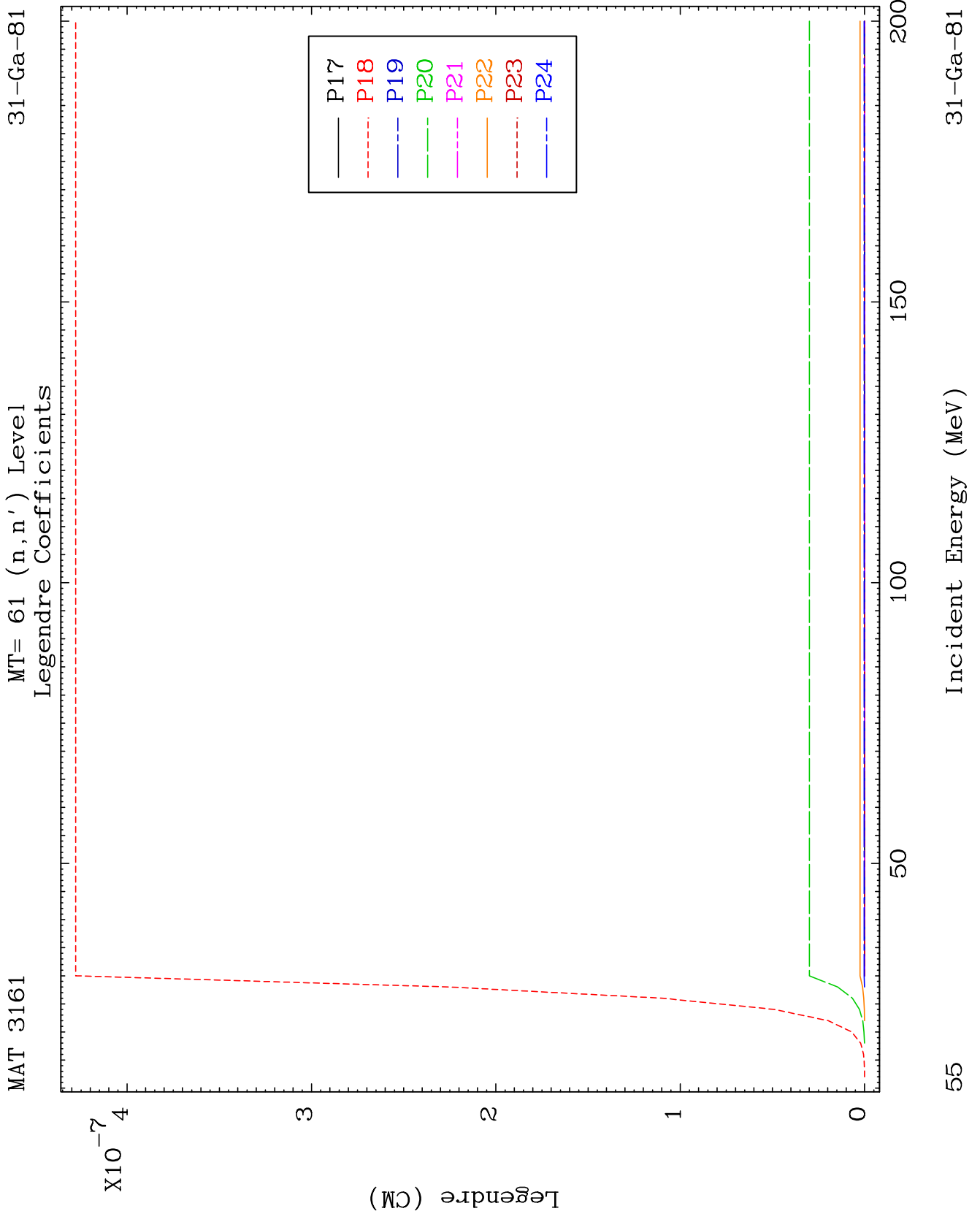
Incident Energy (MeV)

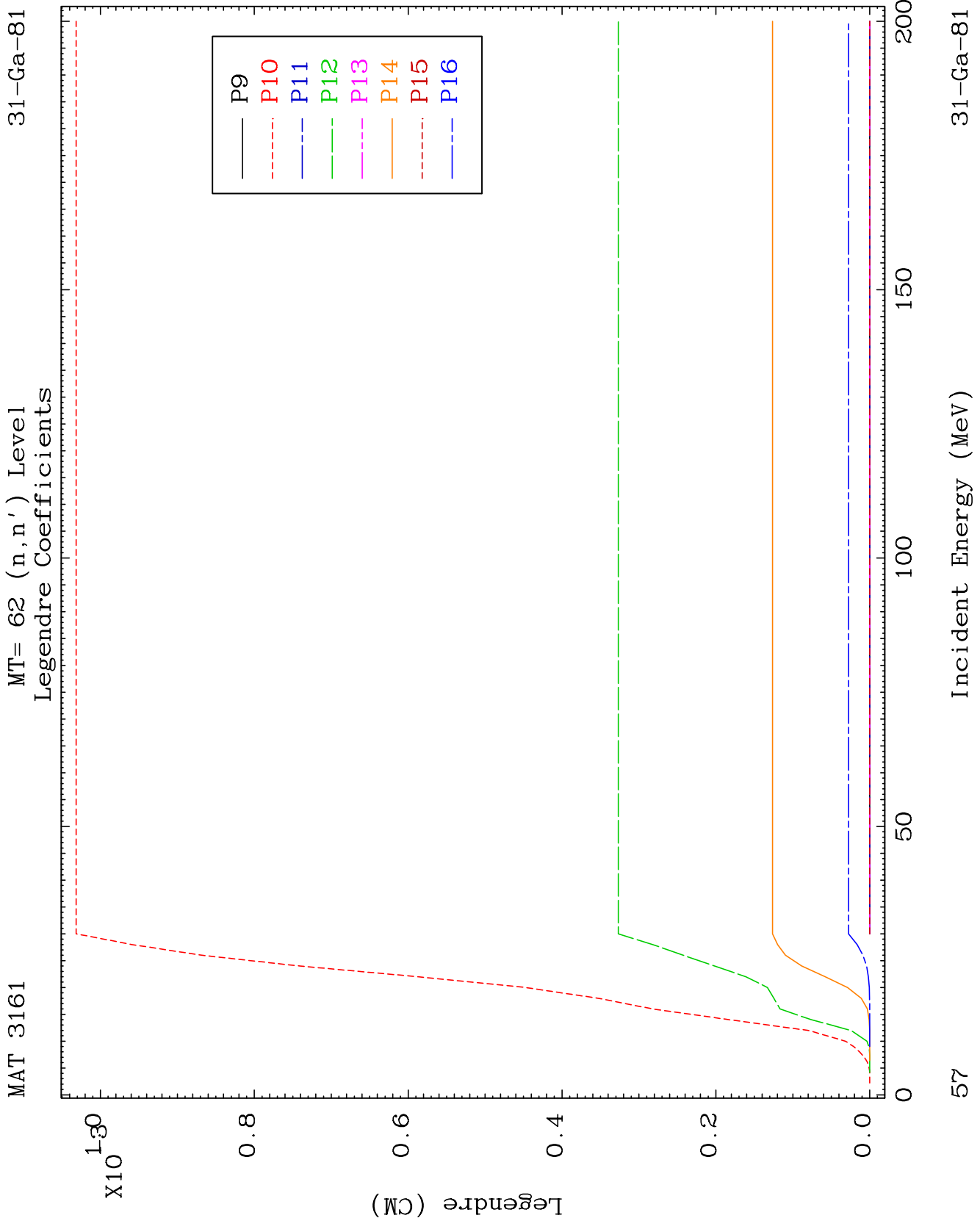
31-Ga-81

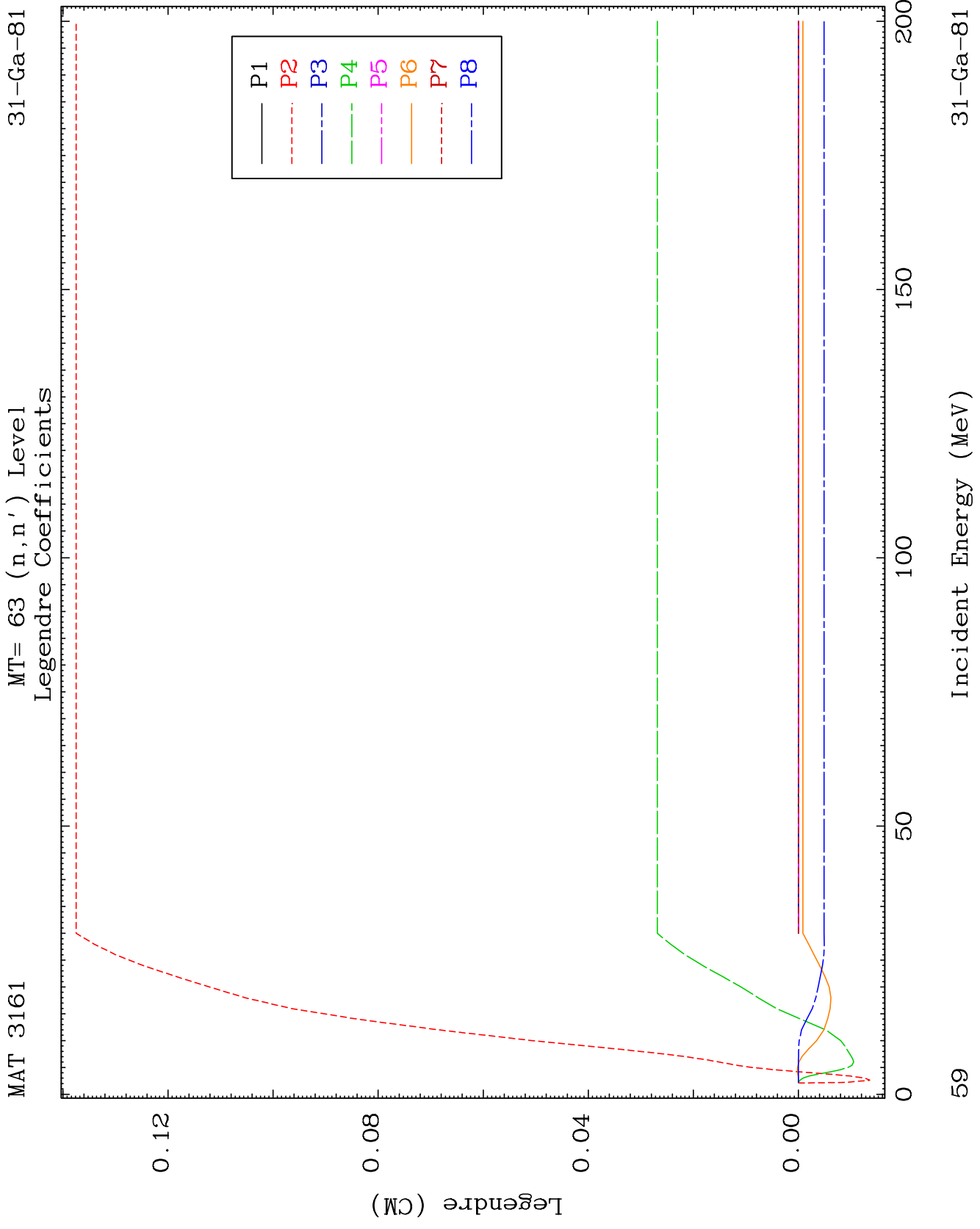


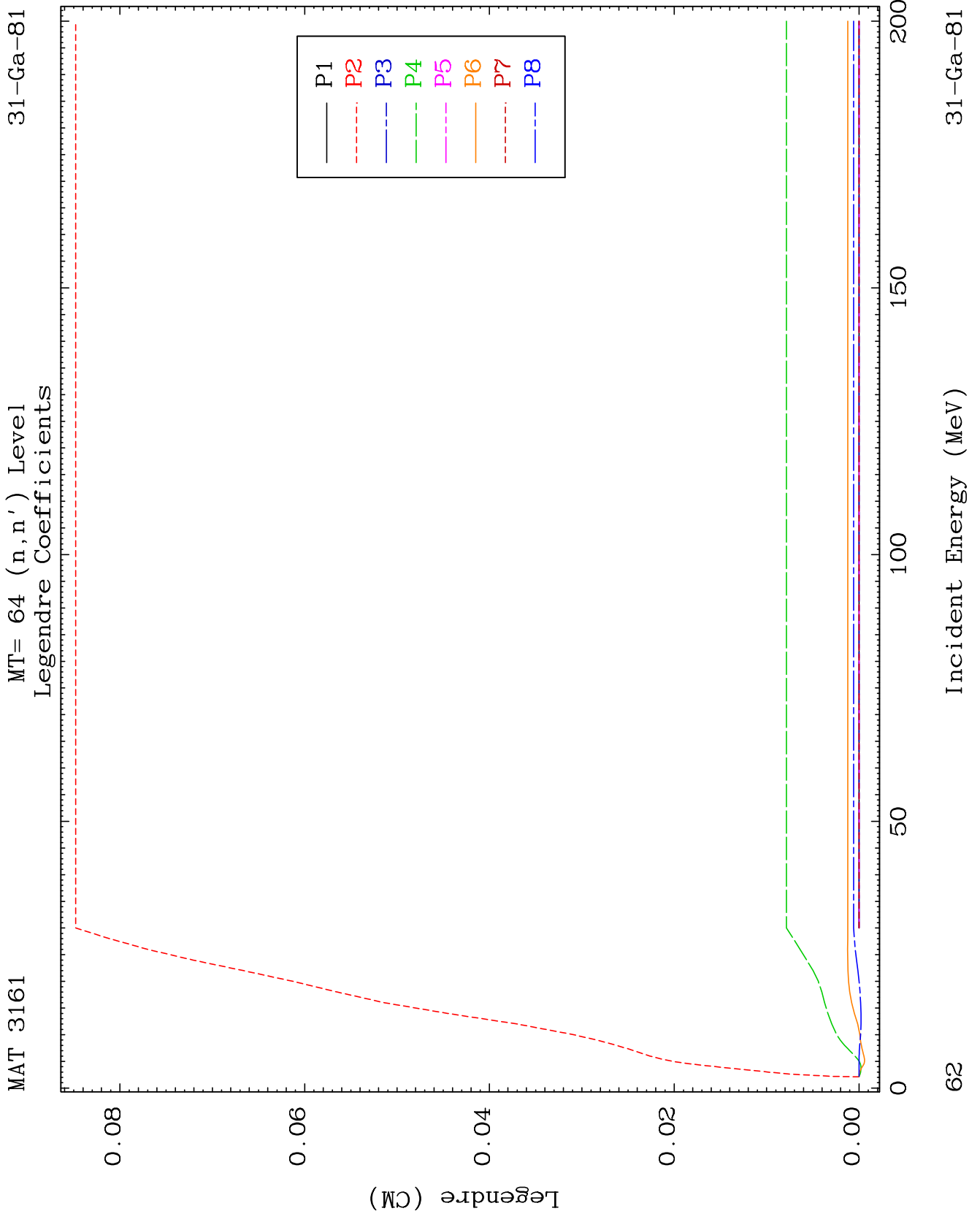








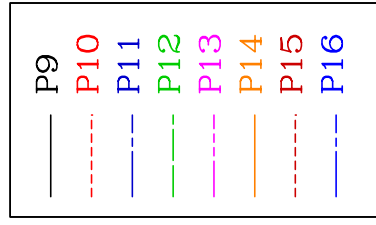




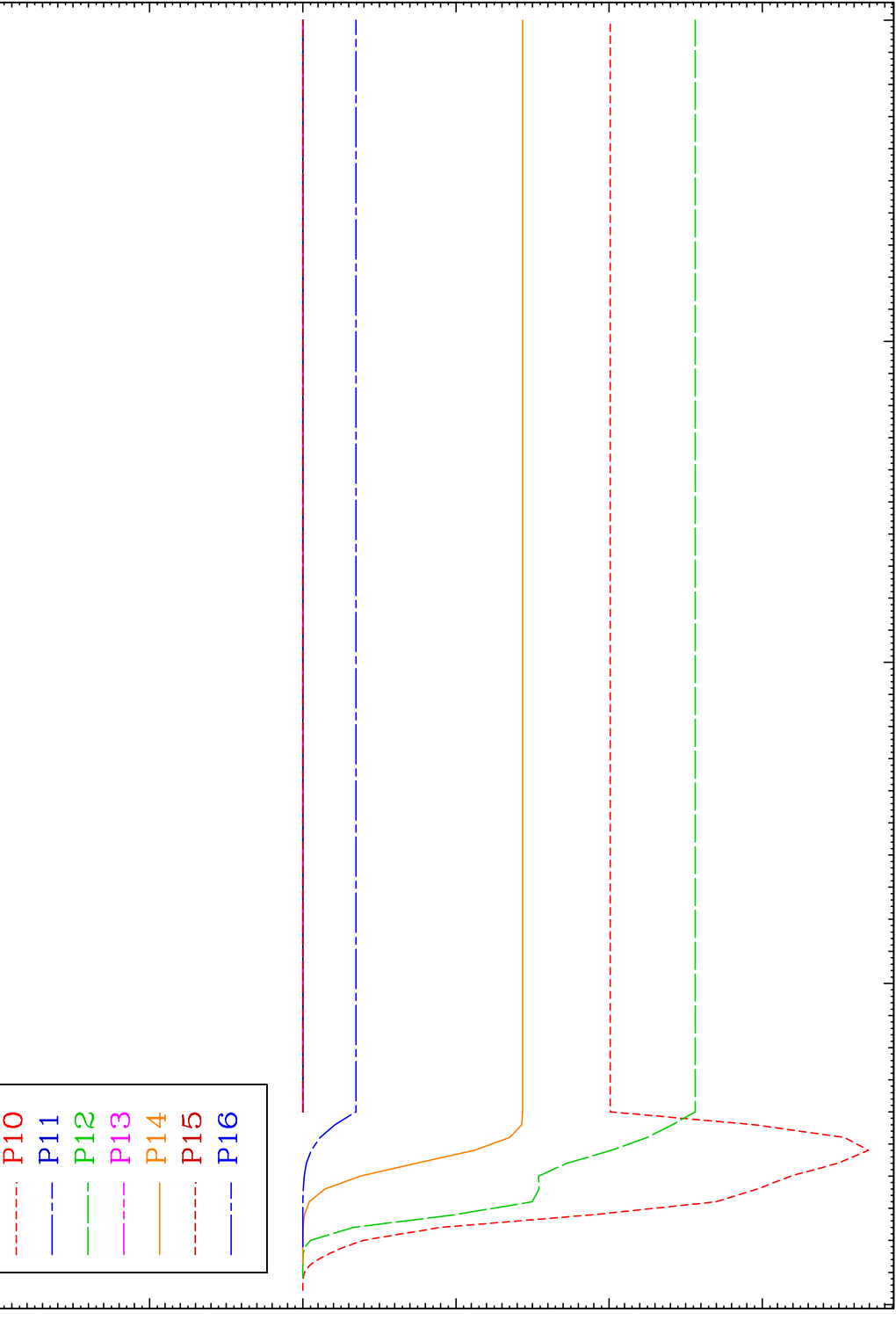
MAT 3161

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

31-Ga-81



$\times 10^{-4}$
Legendre (CM)



200

150

100

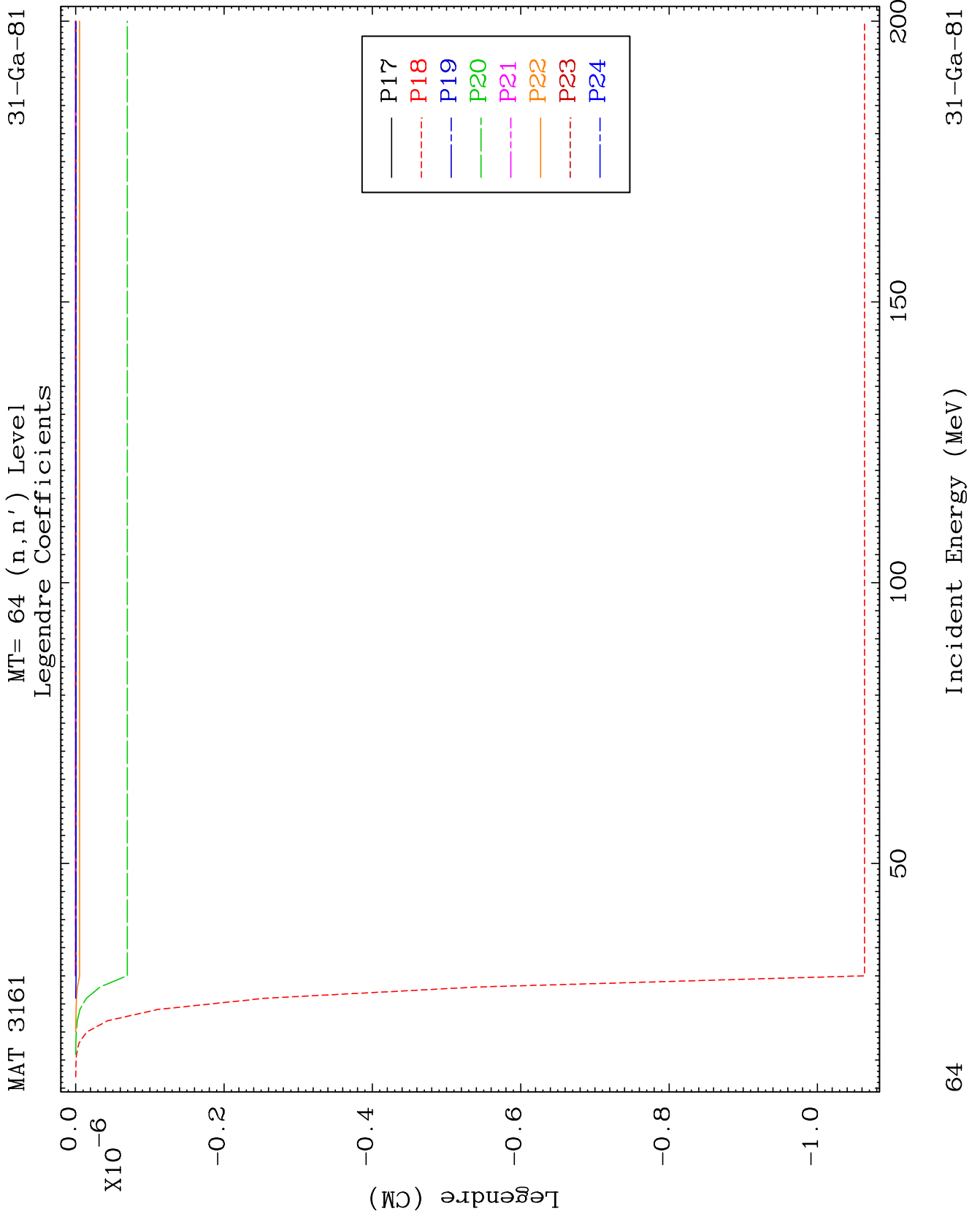
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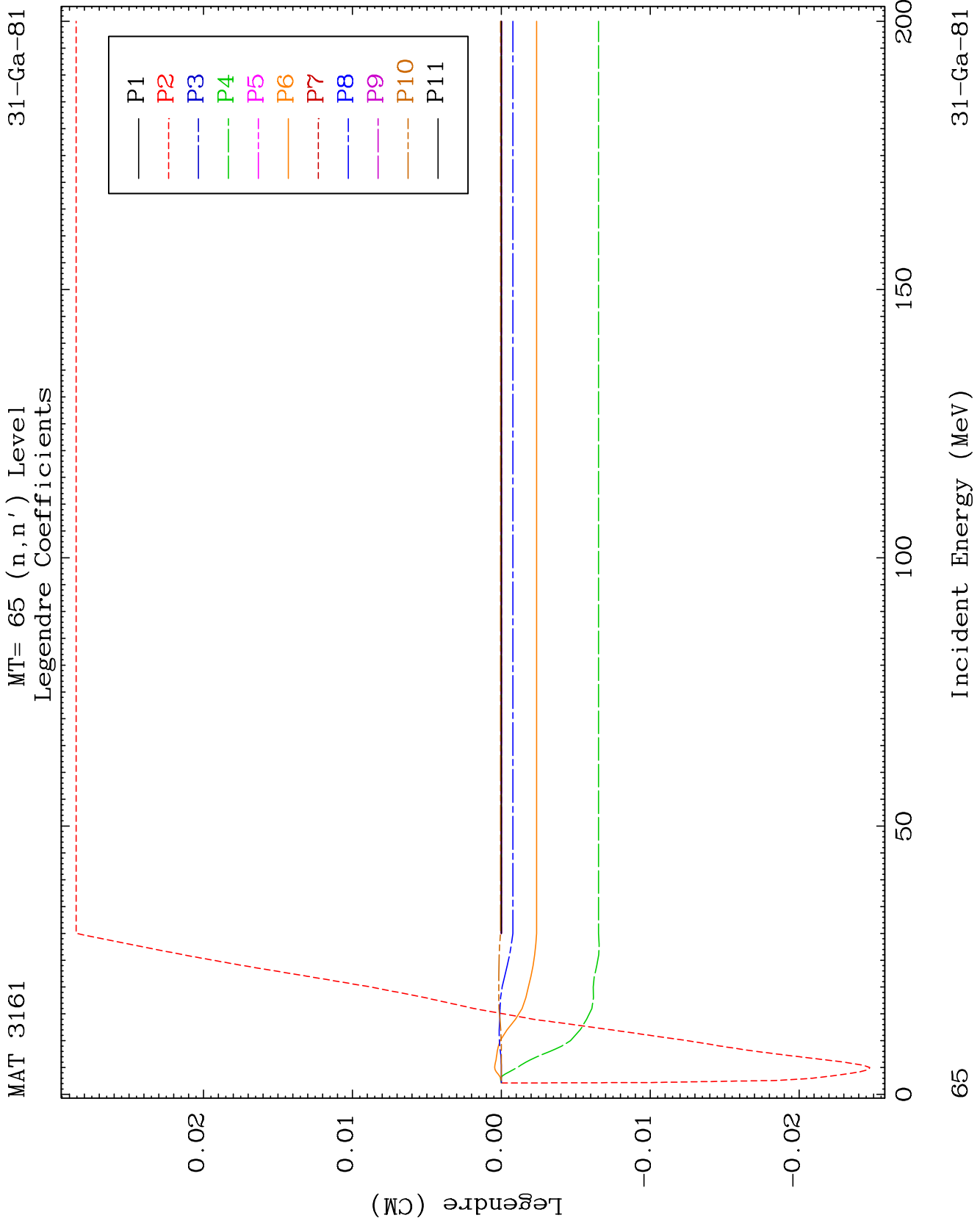
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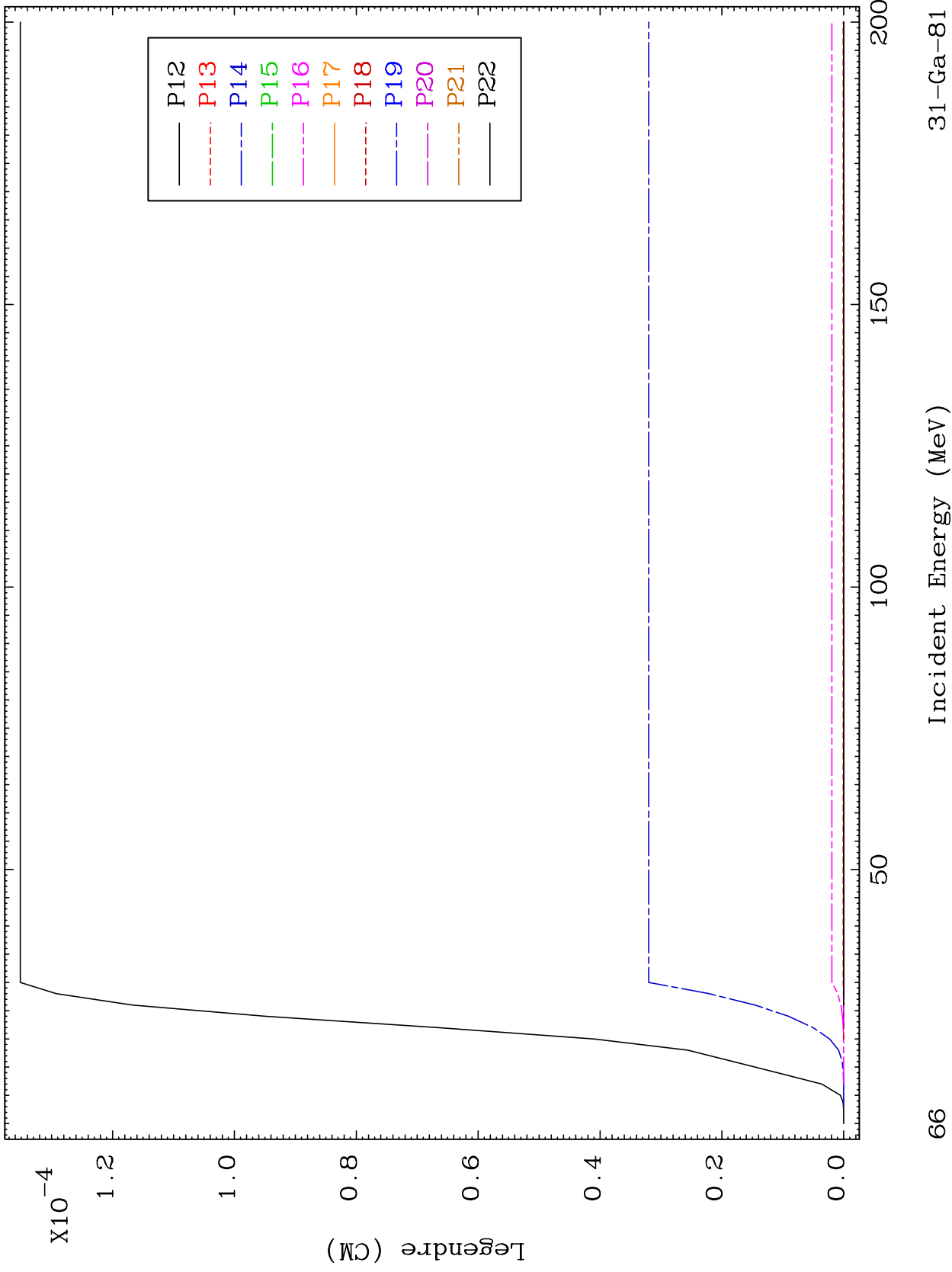
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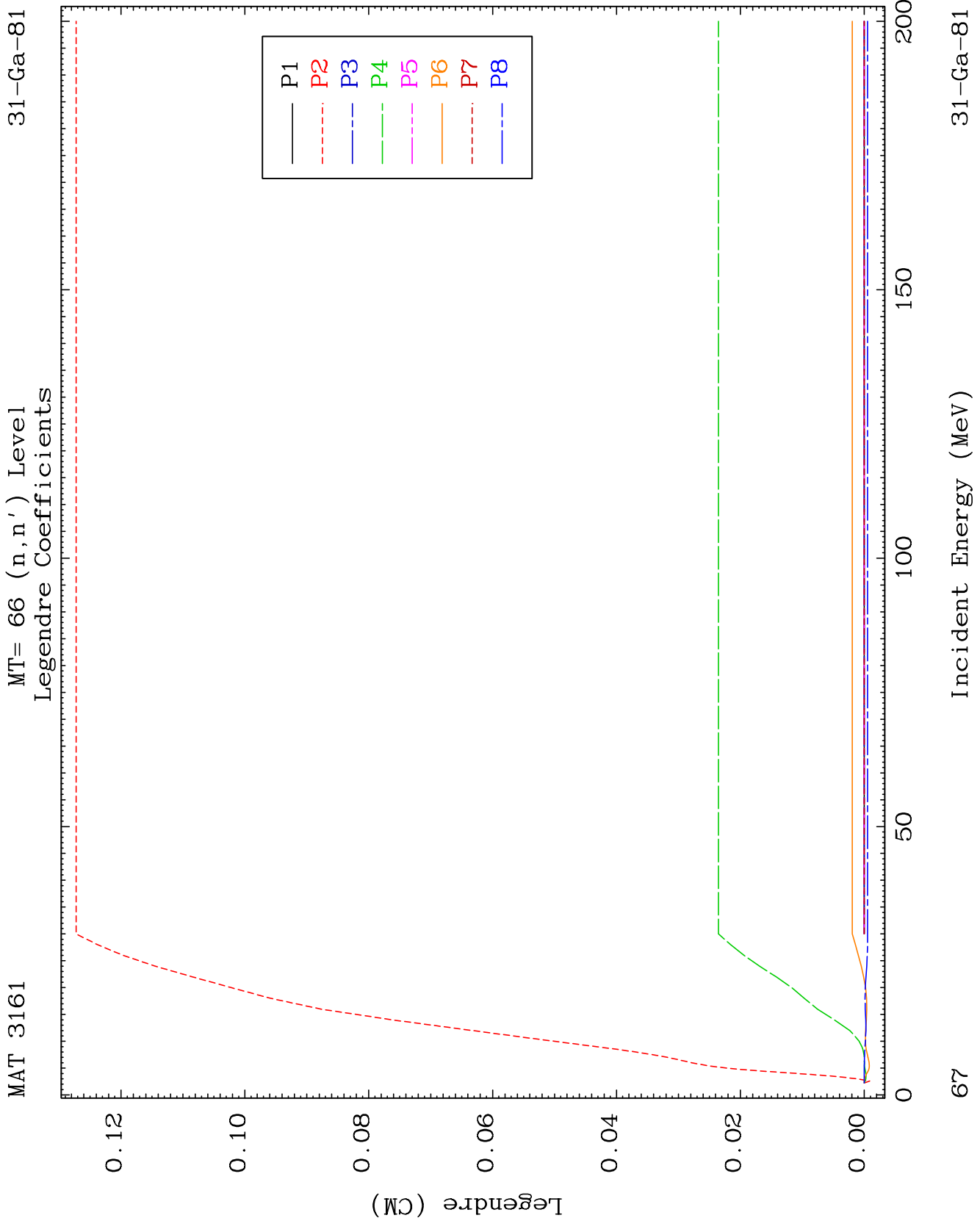
Incident Energy (MeV)

31-Ga-81





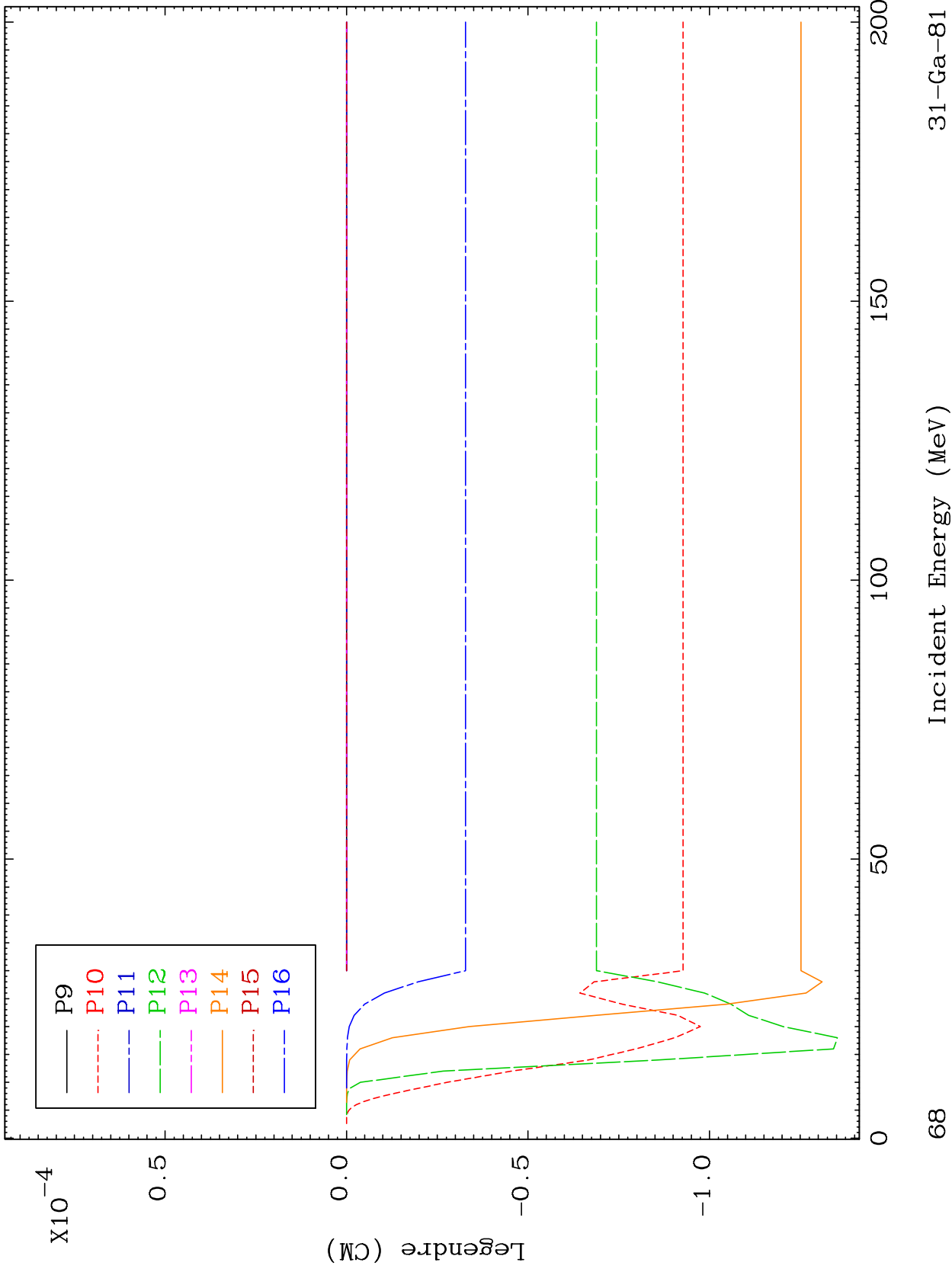




MAT 3161

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

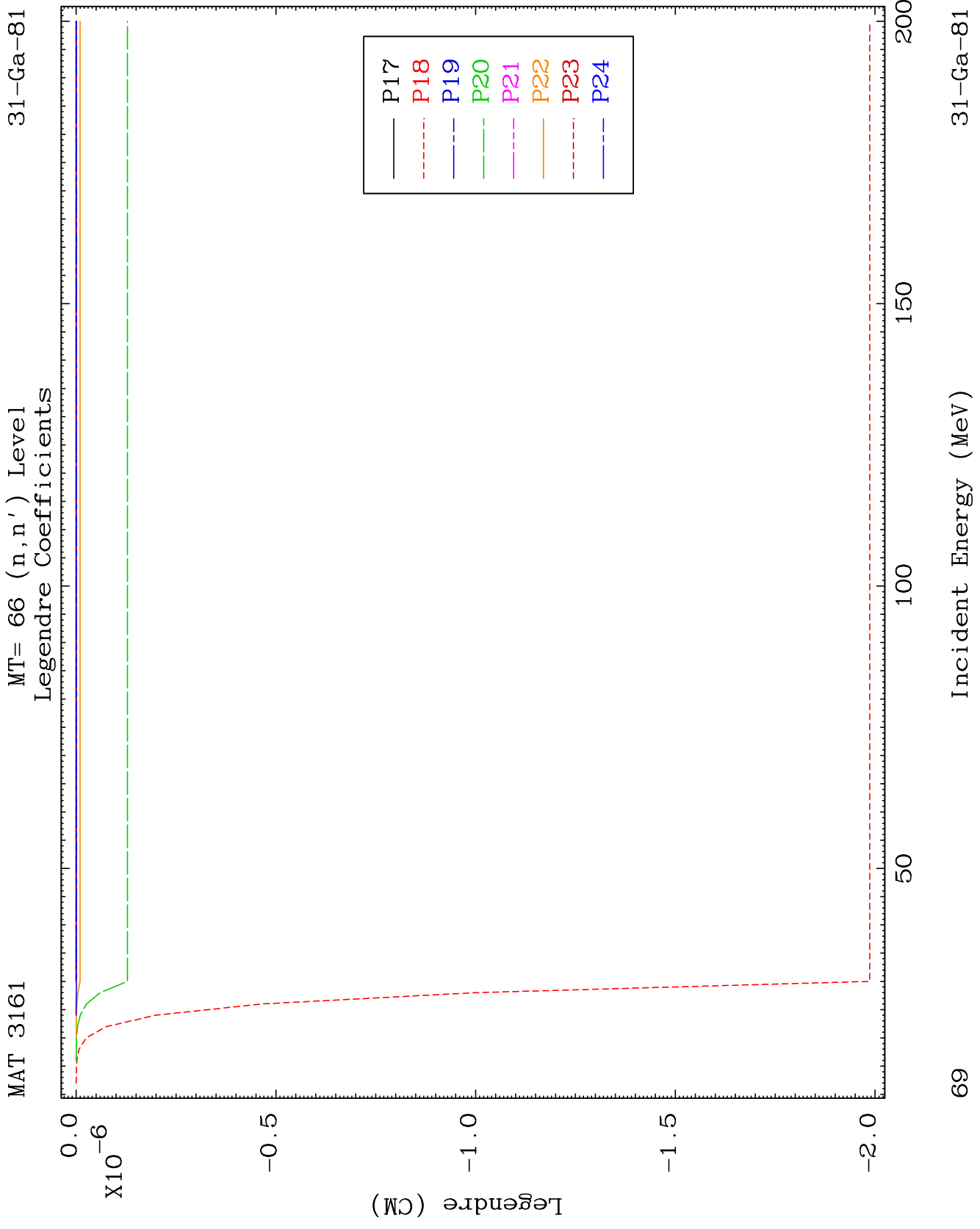
31-Ga-81



68

Incident Energy (MeV)

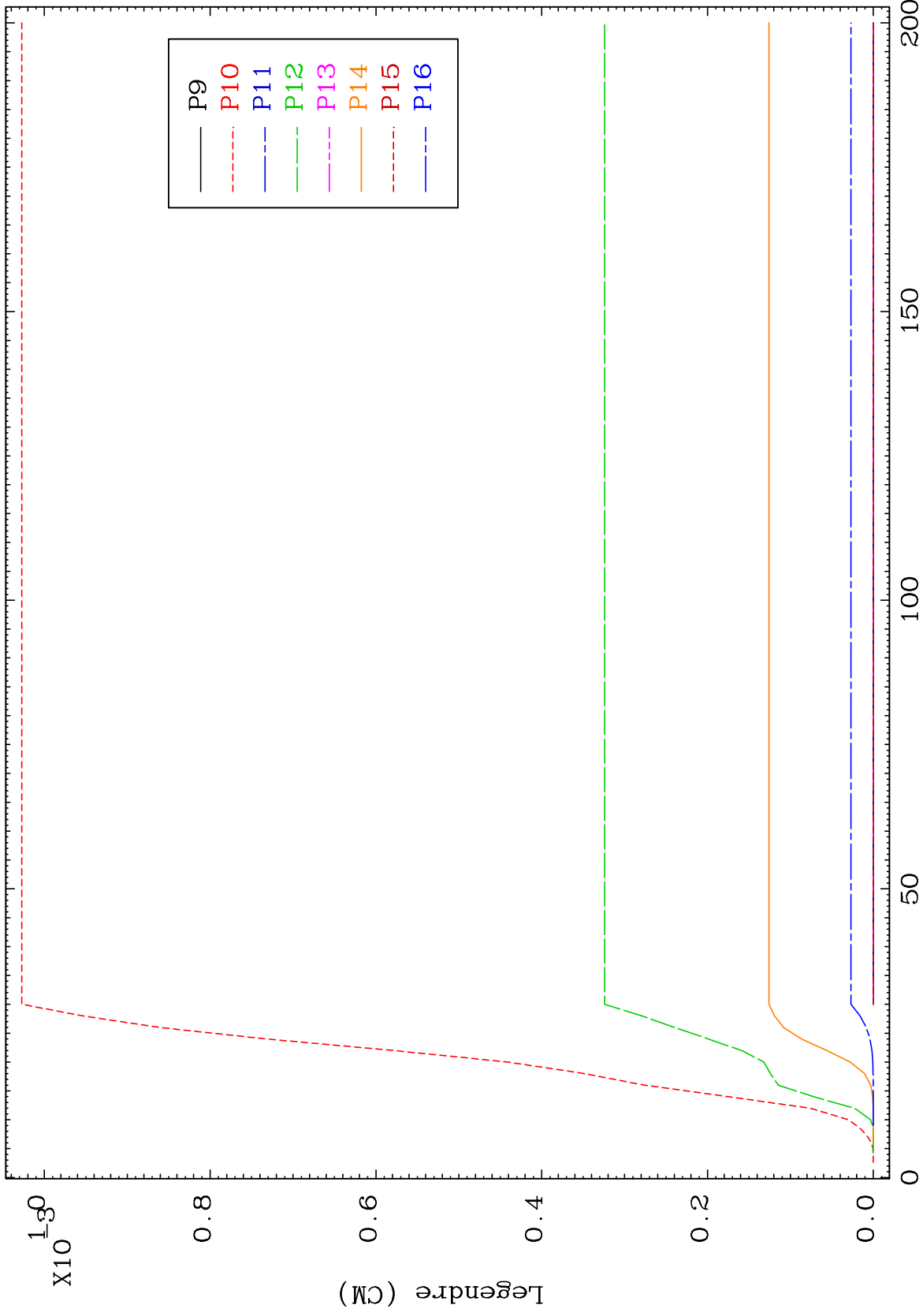
31-Ga-81



MAT 3161

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

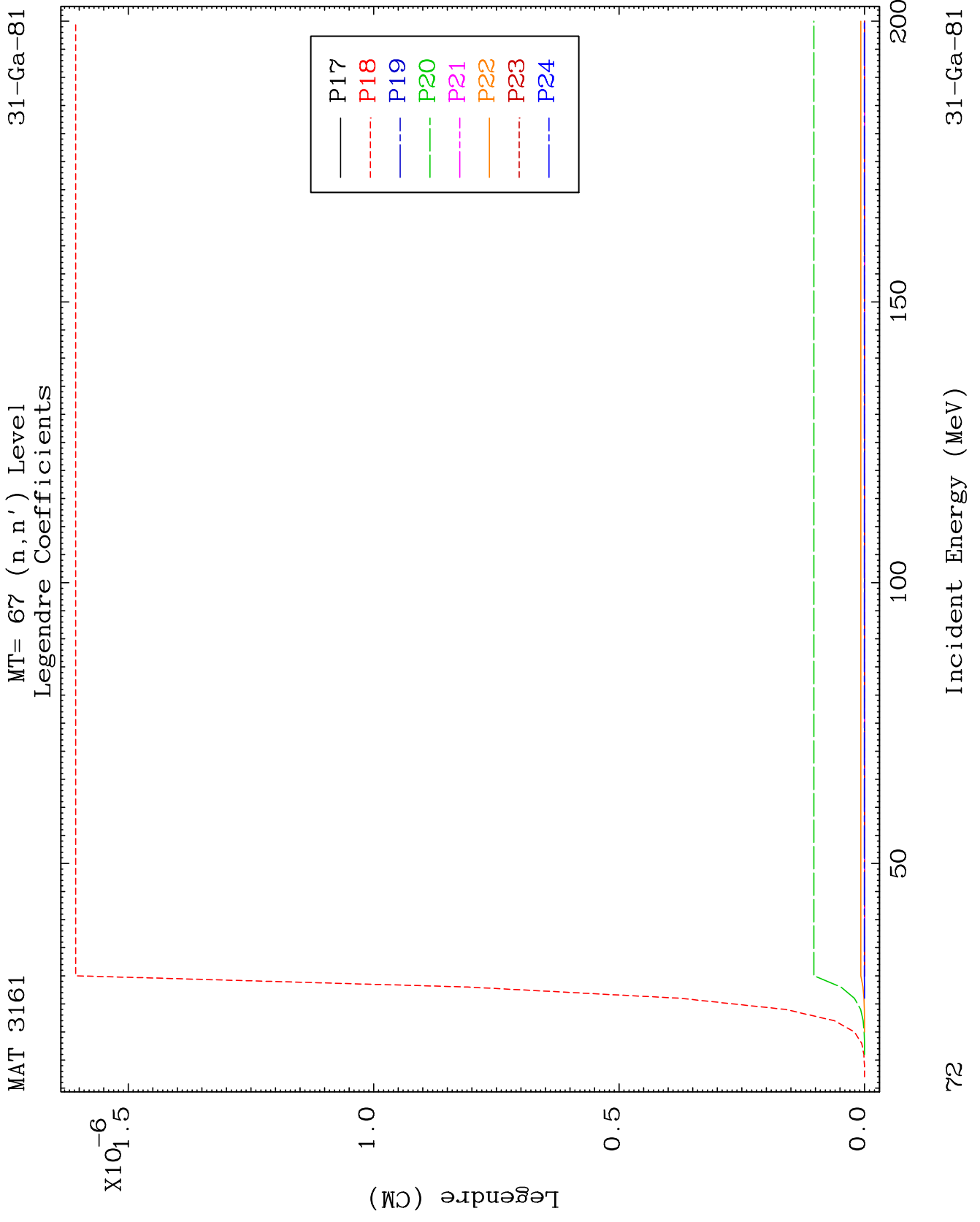
31-Ga-81



71

Incident Energy (MeV)

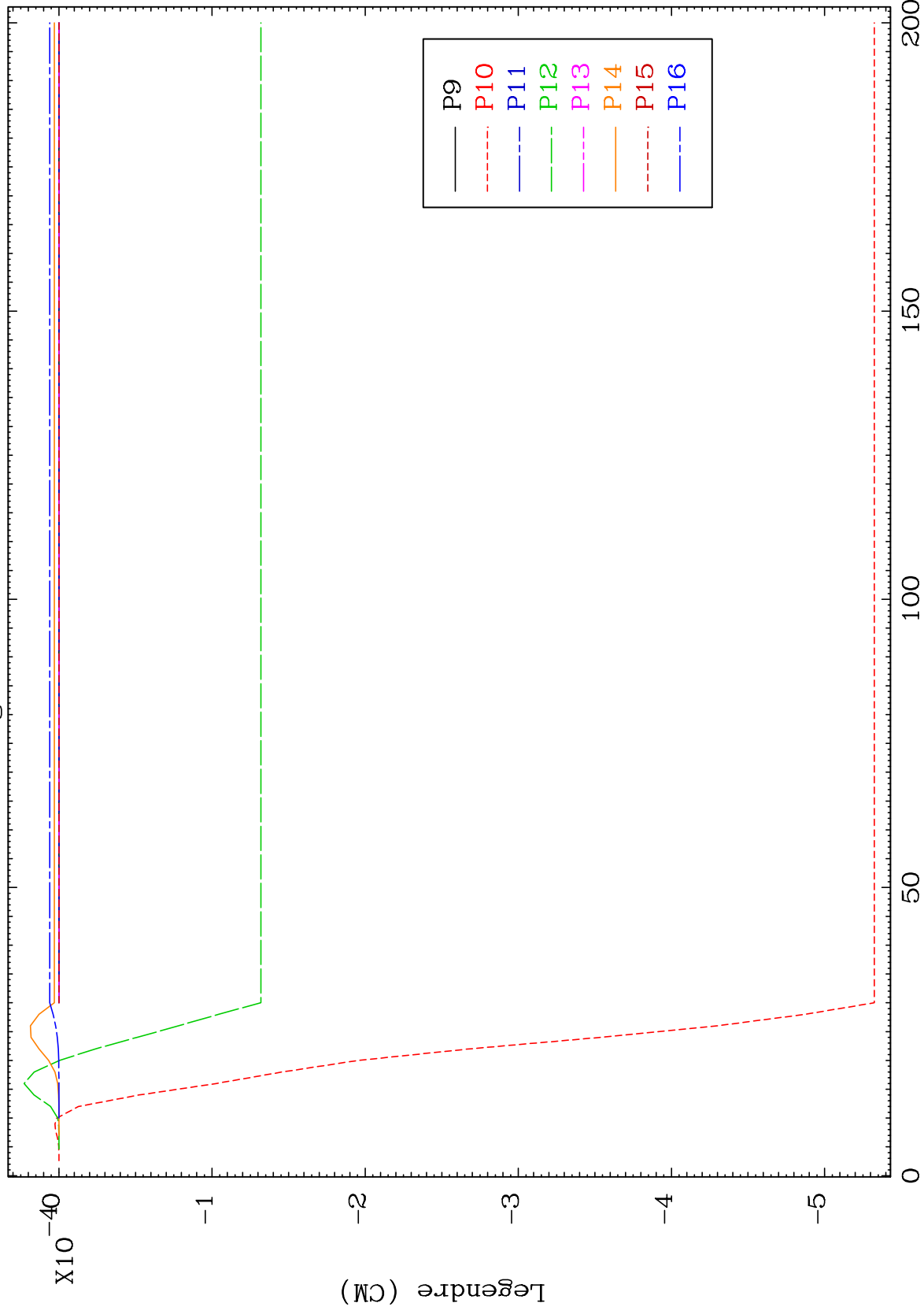
31-Ga-81



MAT 3161

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

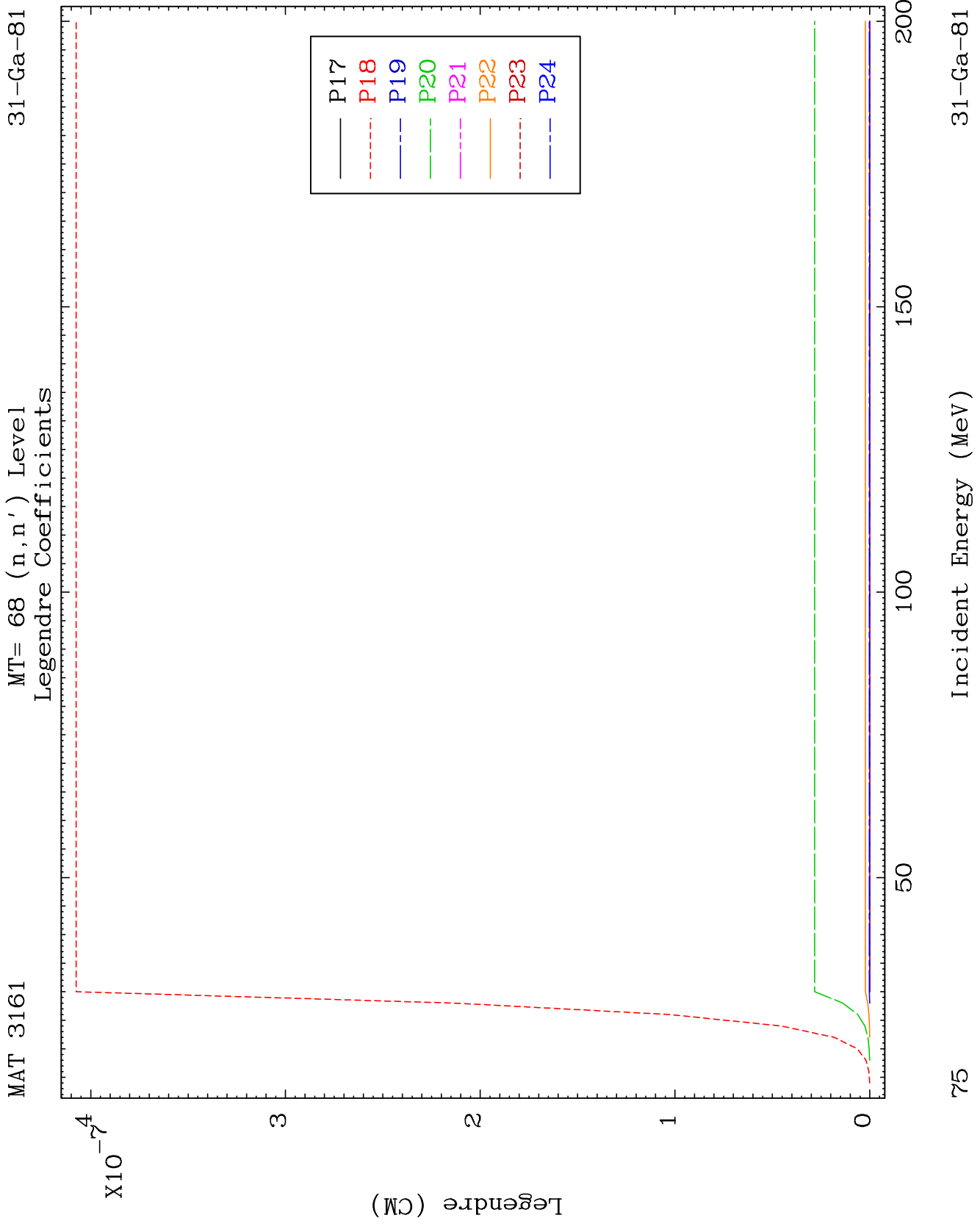
31-Ga-81

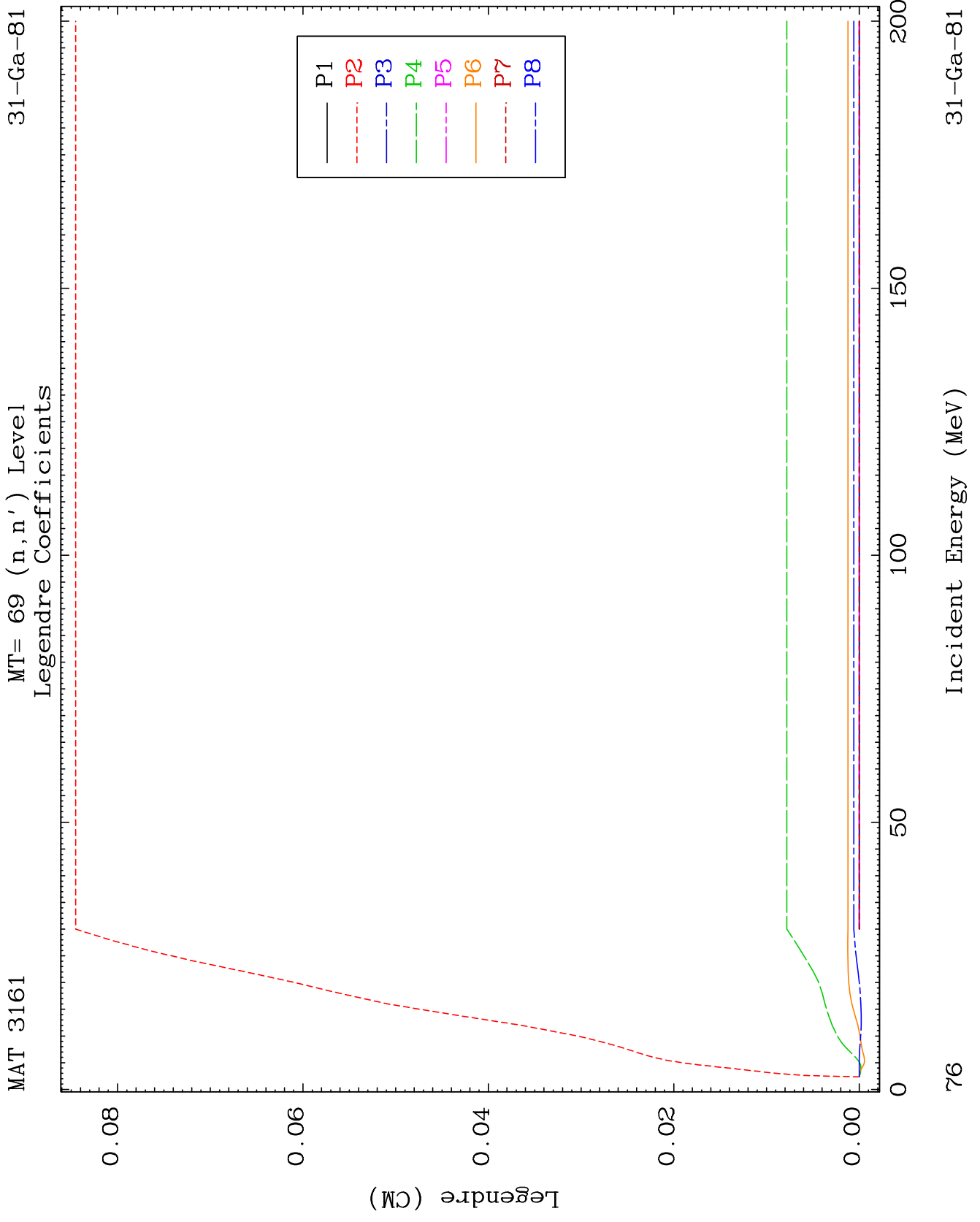


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Incident Energy (MeV)

31-Ga-81

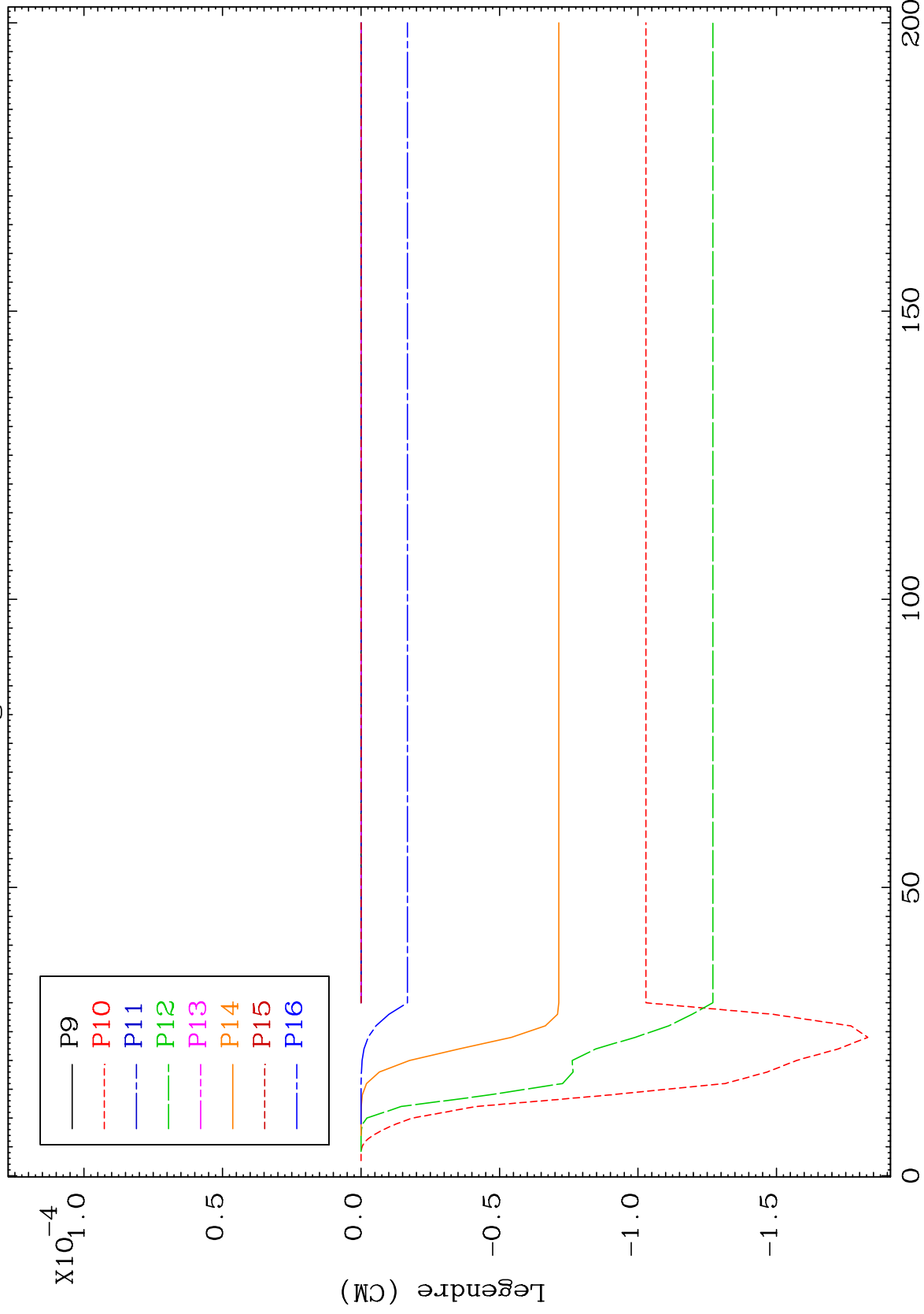




MAT 3161

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

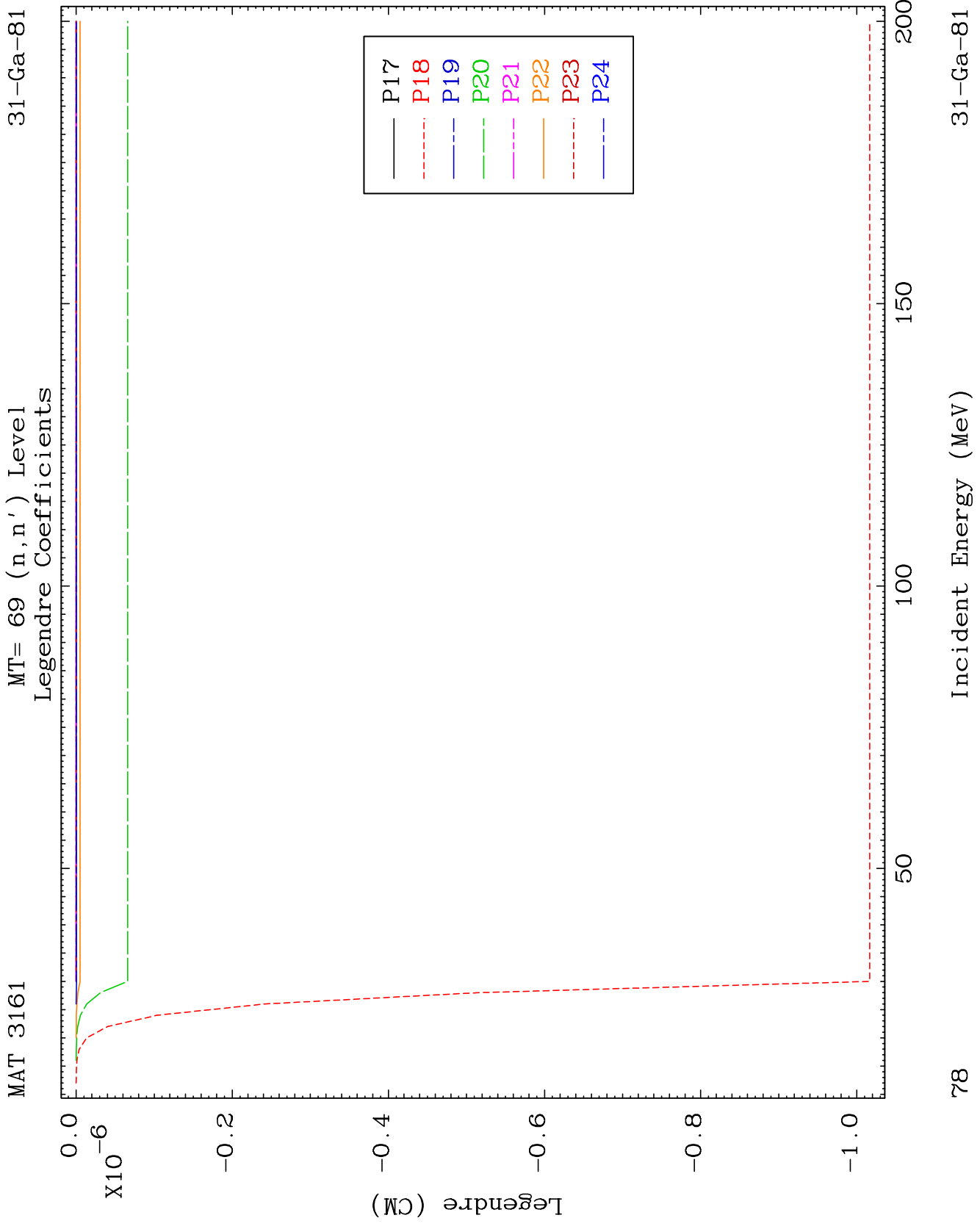
31-Ga-81

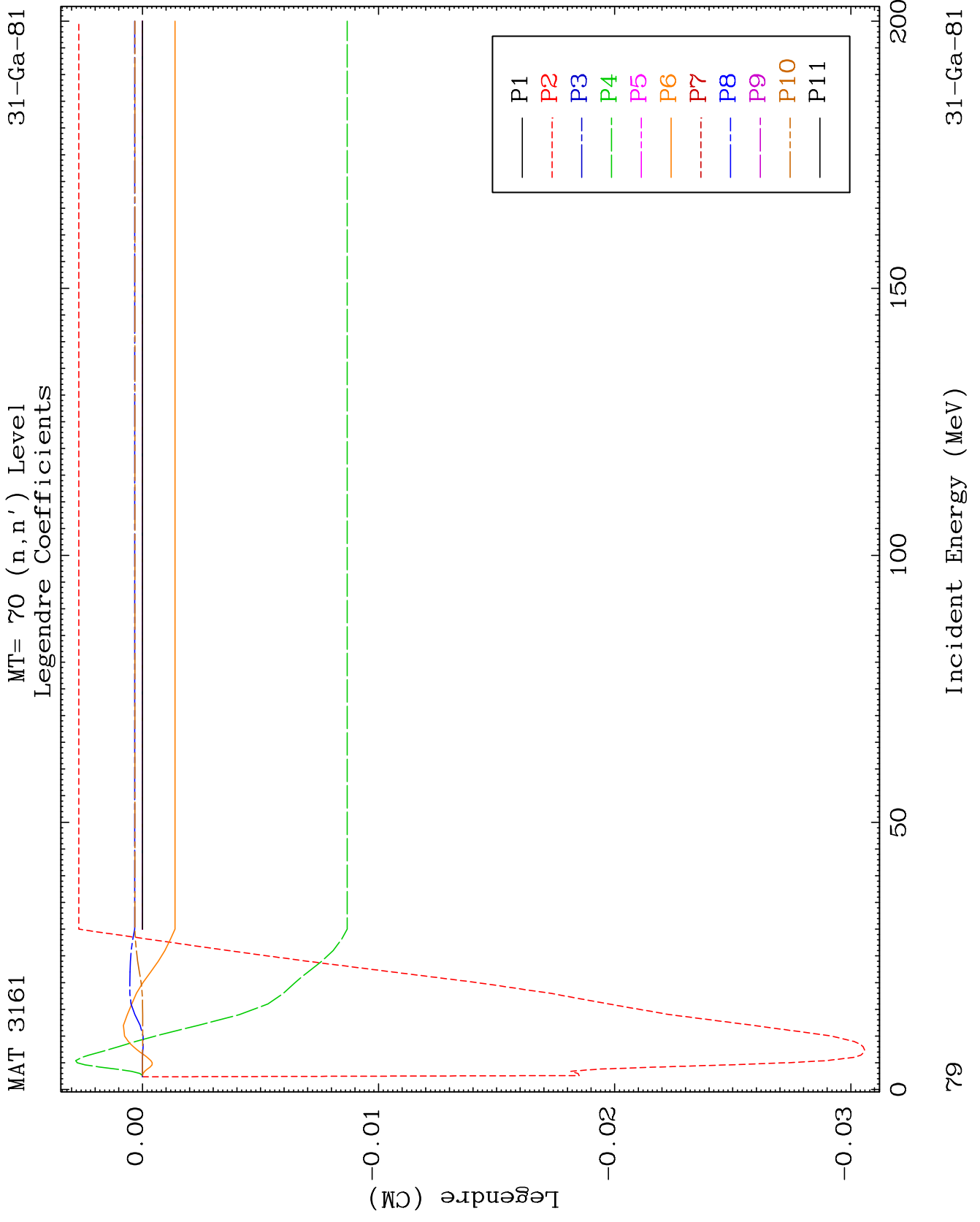


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31-Ga-81

31-Ga-81

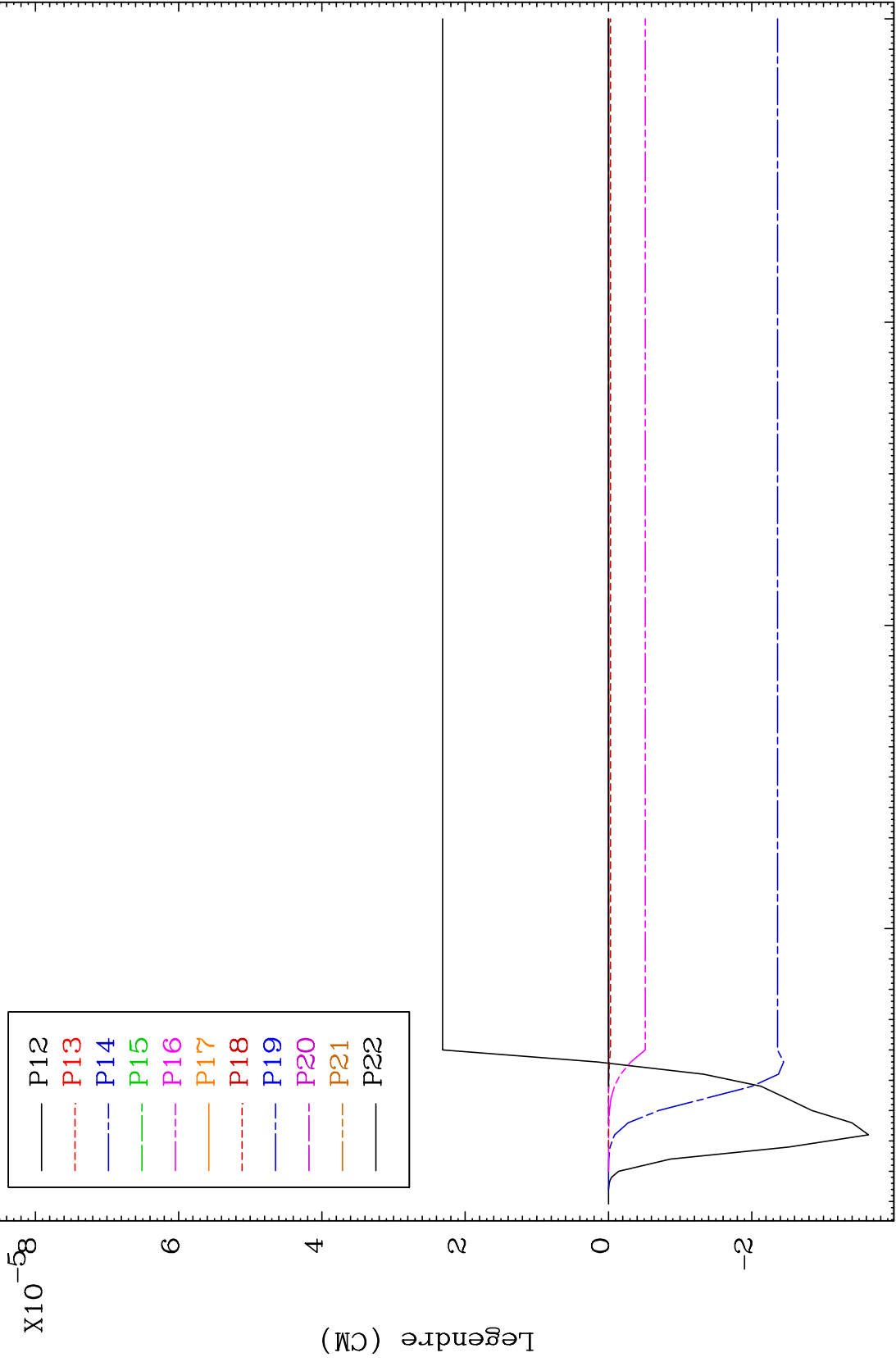
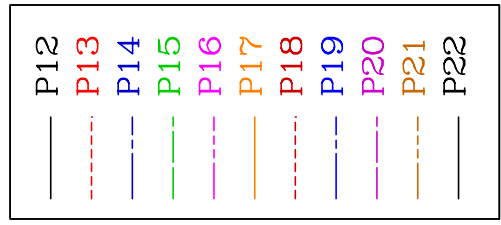




MAT 3161

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

31-Ga-81



80

Incident Energy (MeV)

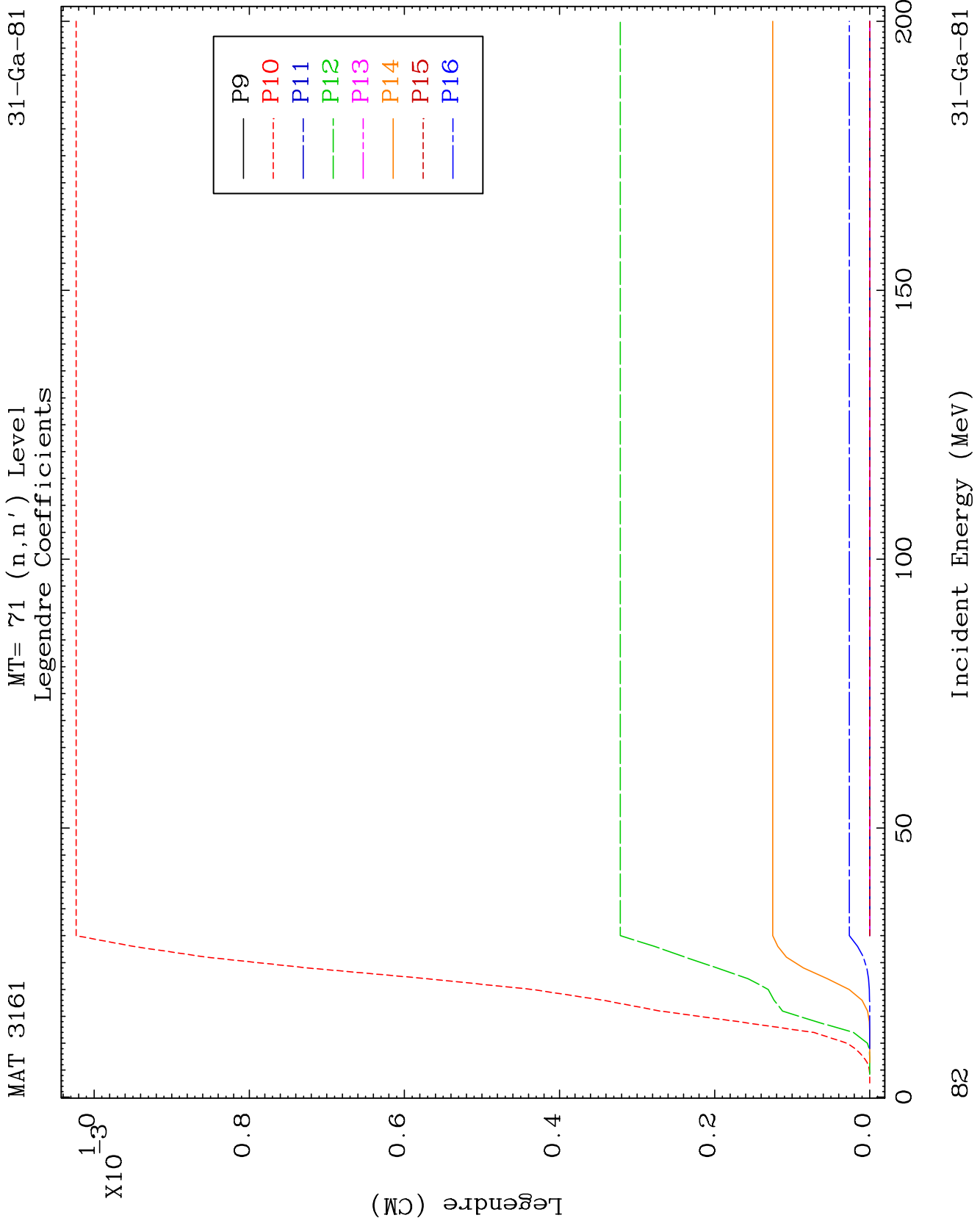
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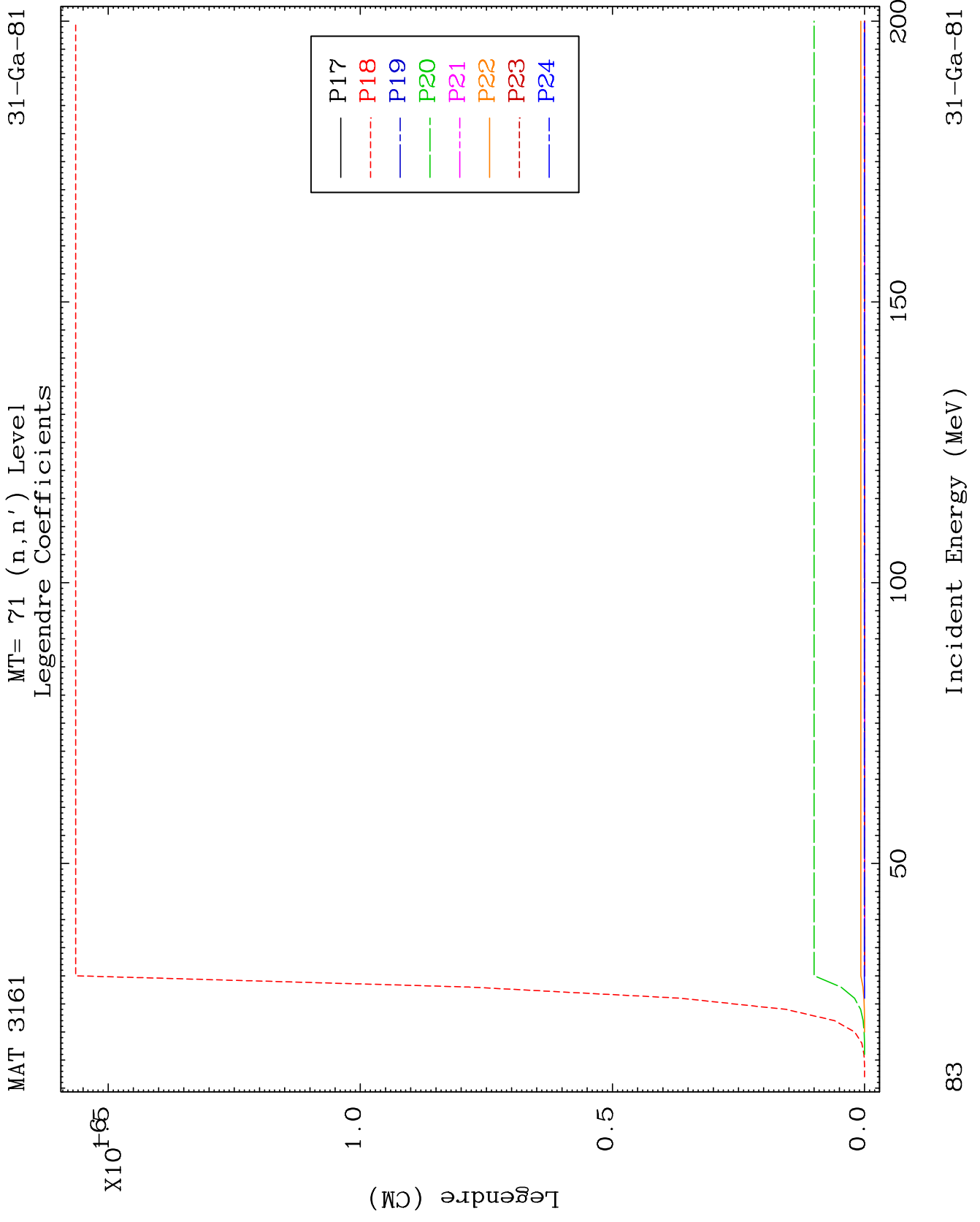
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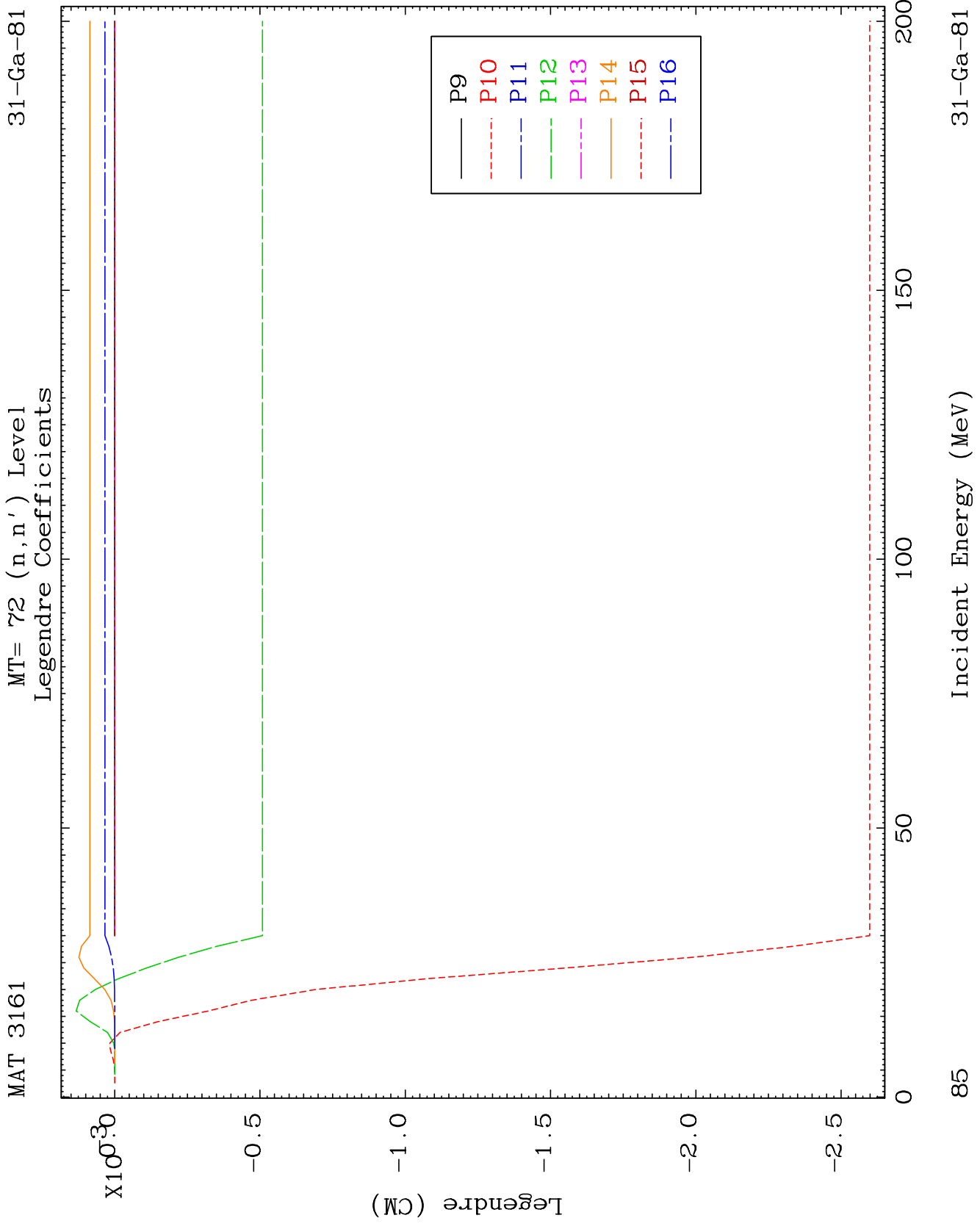
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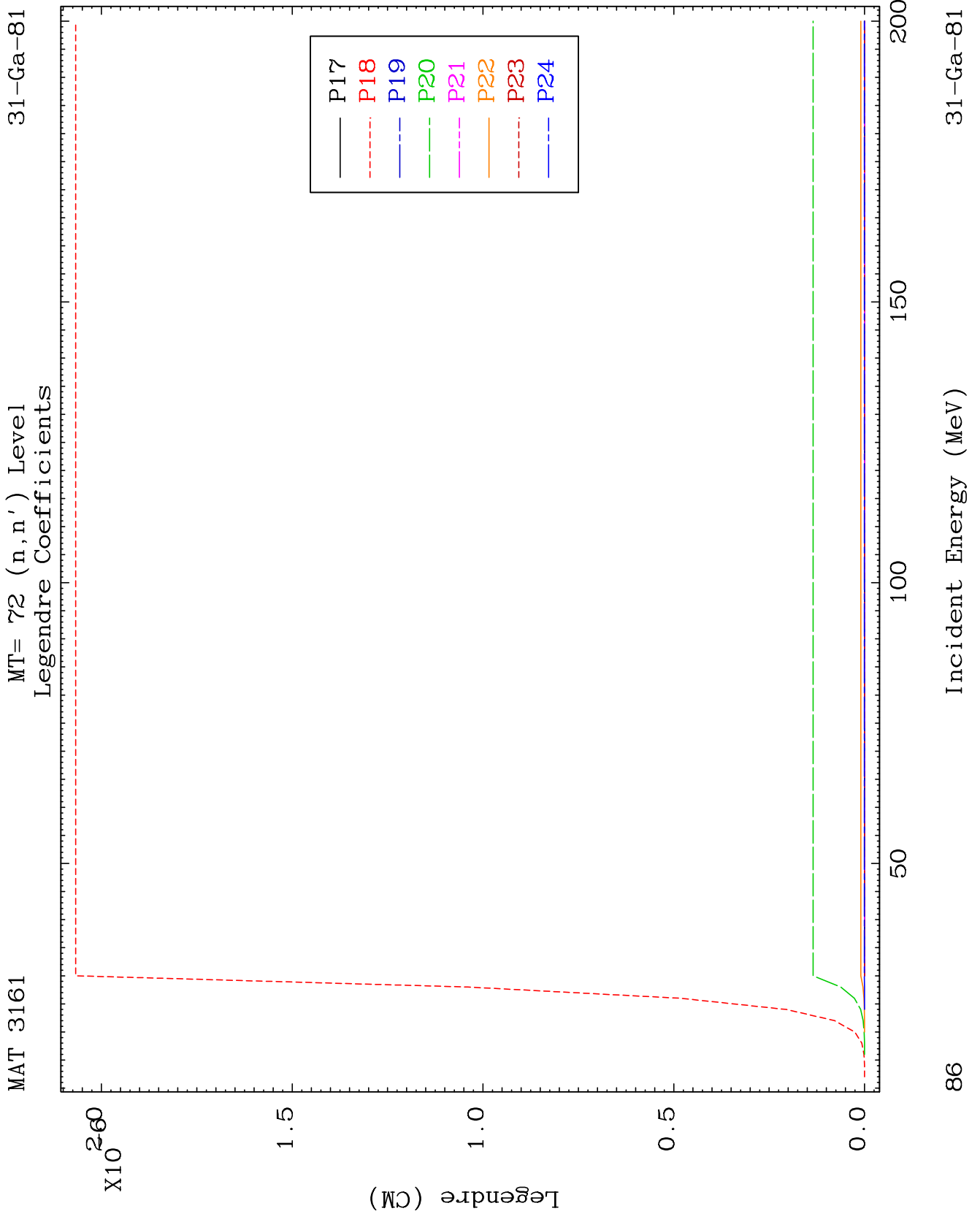
200

31-Ga-81





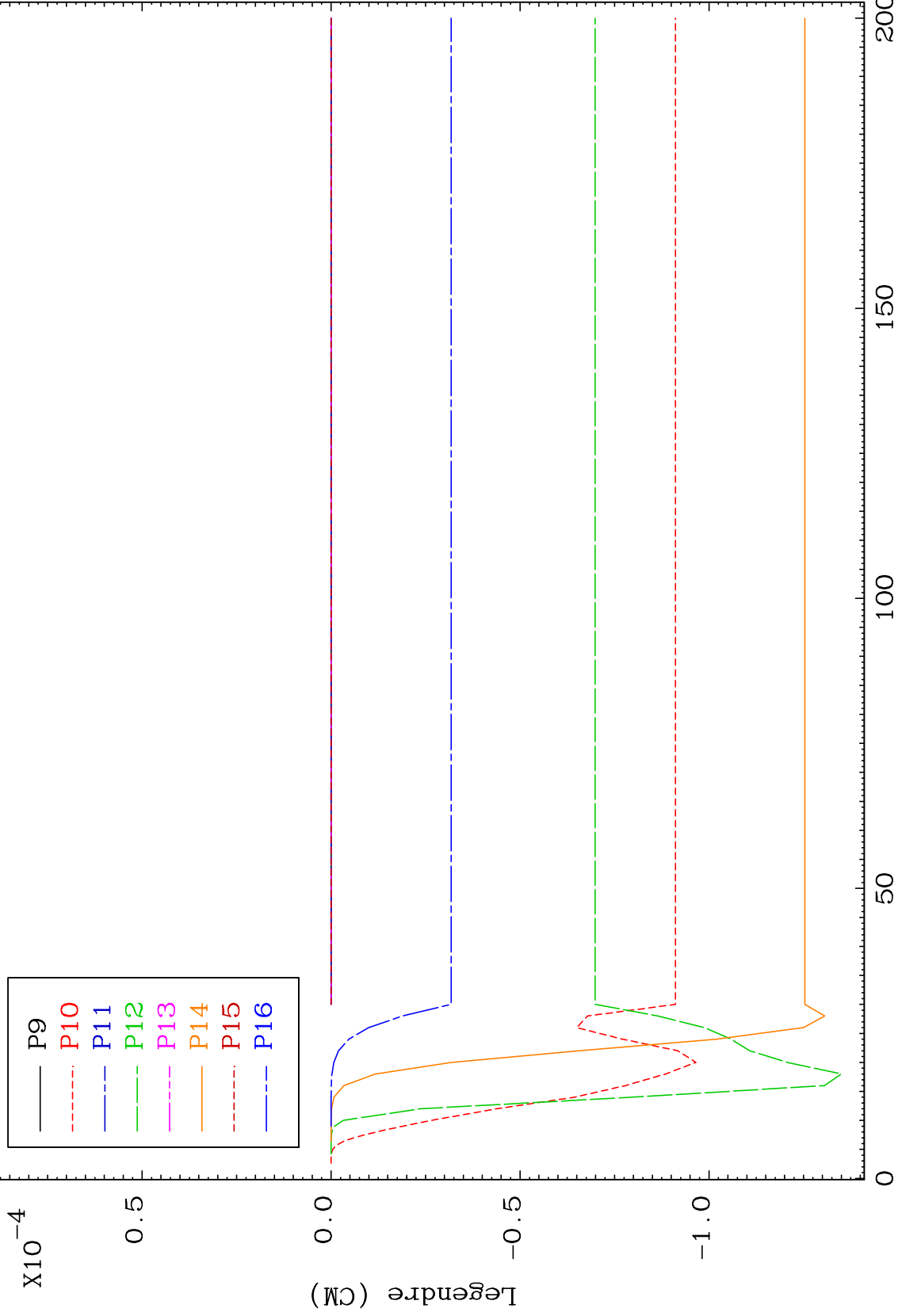
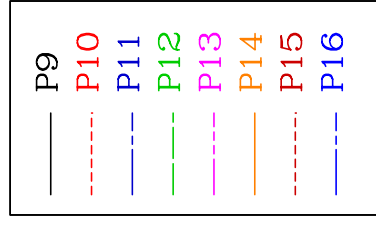




MAT 3161

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

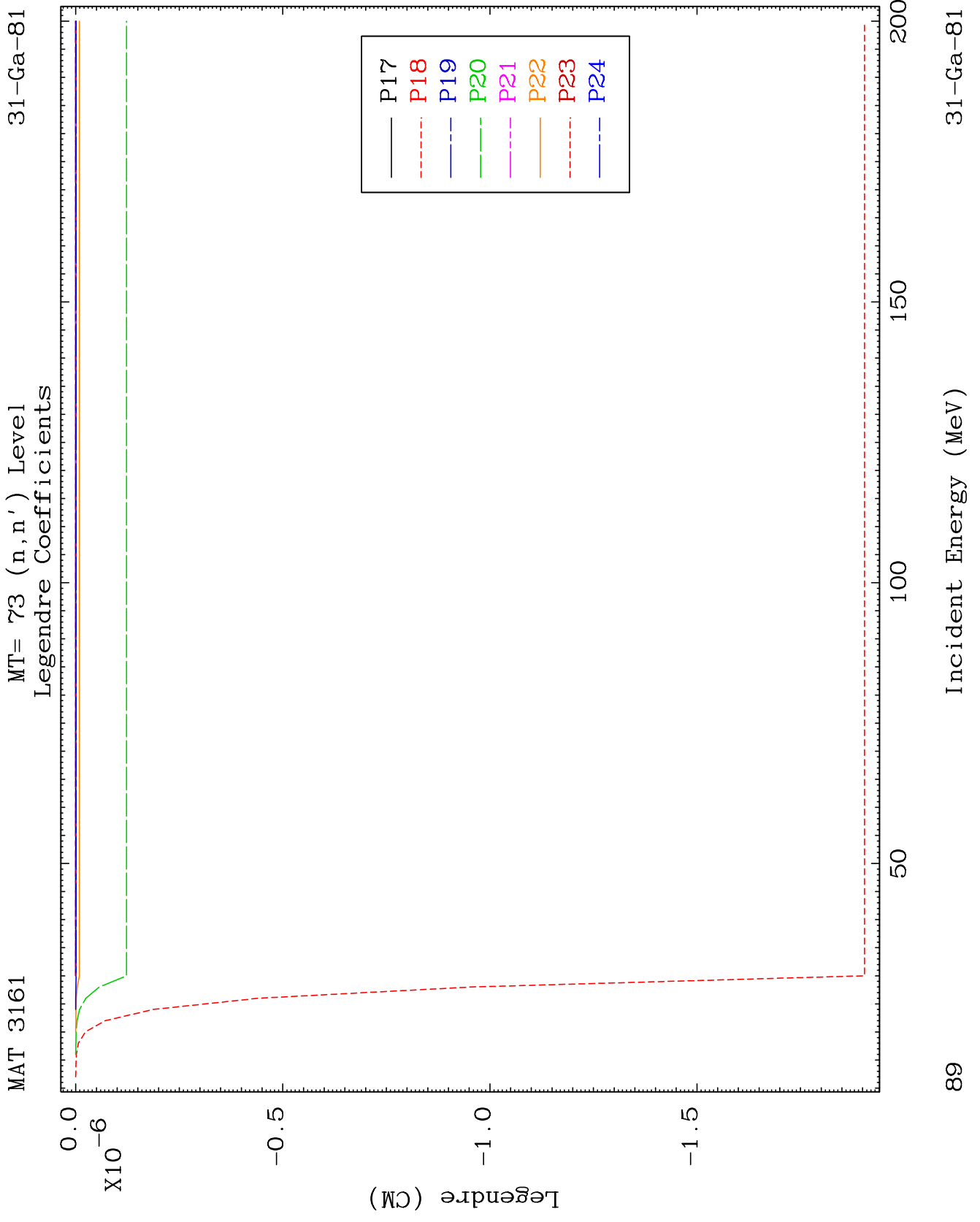
31-Ga-81

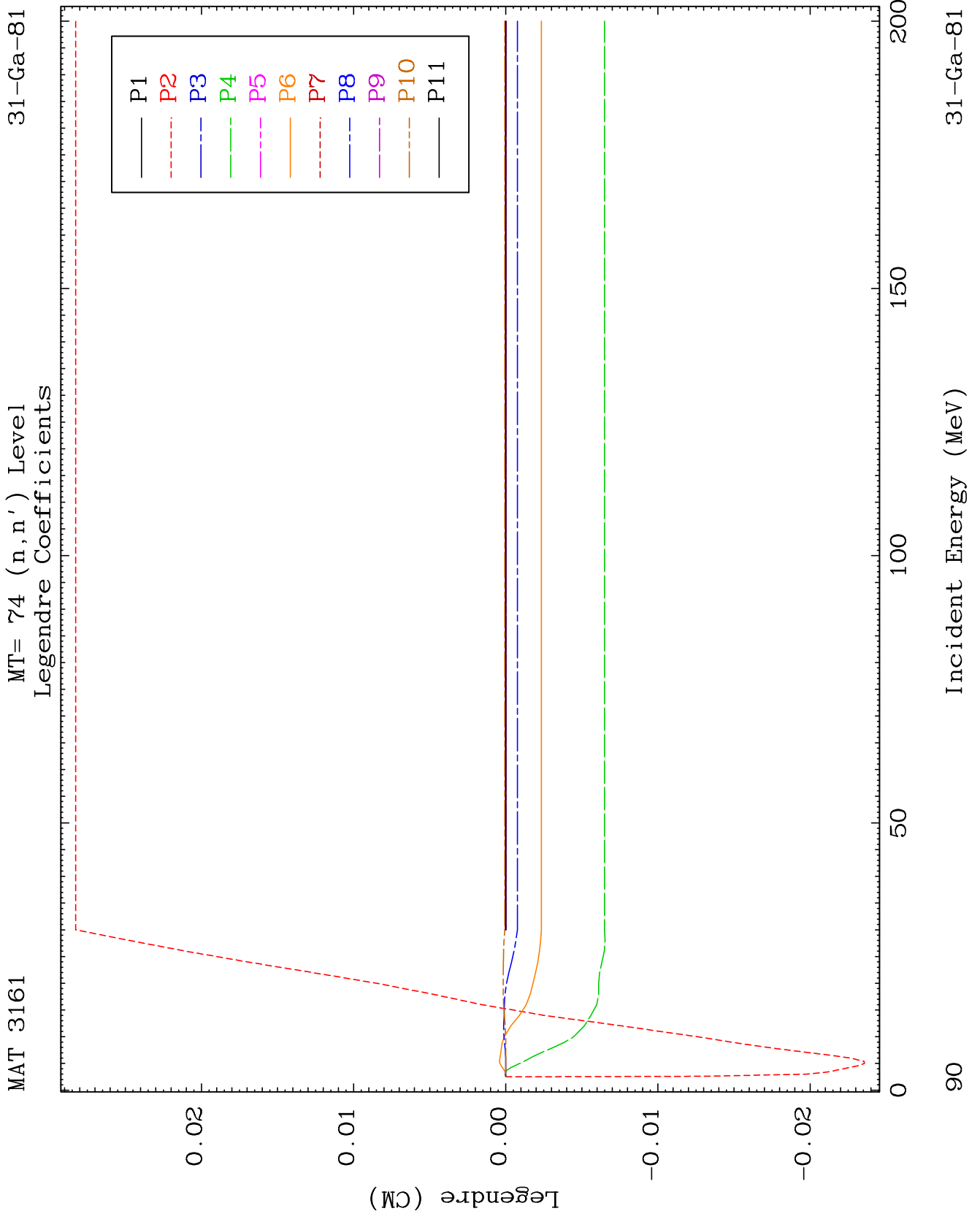


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Incident Energy (MeV)

31-Ga-81

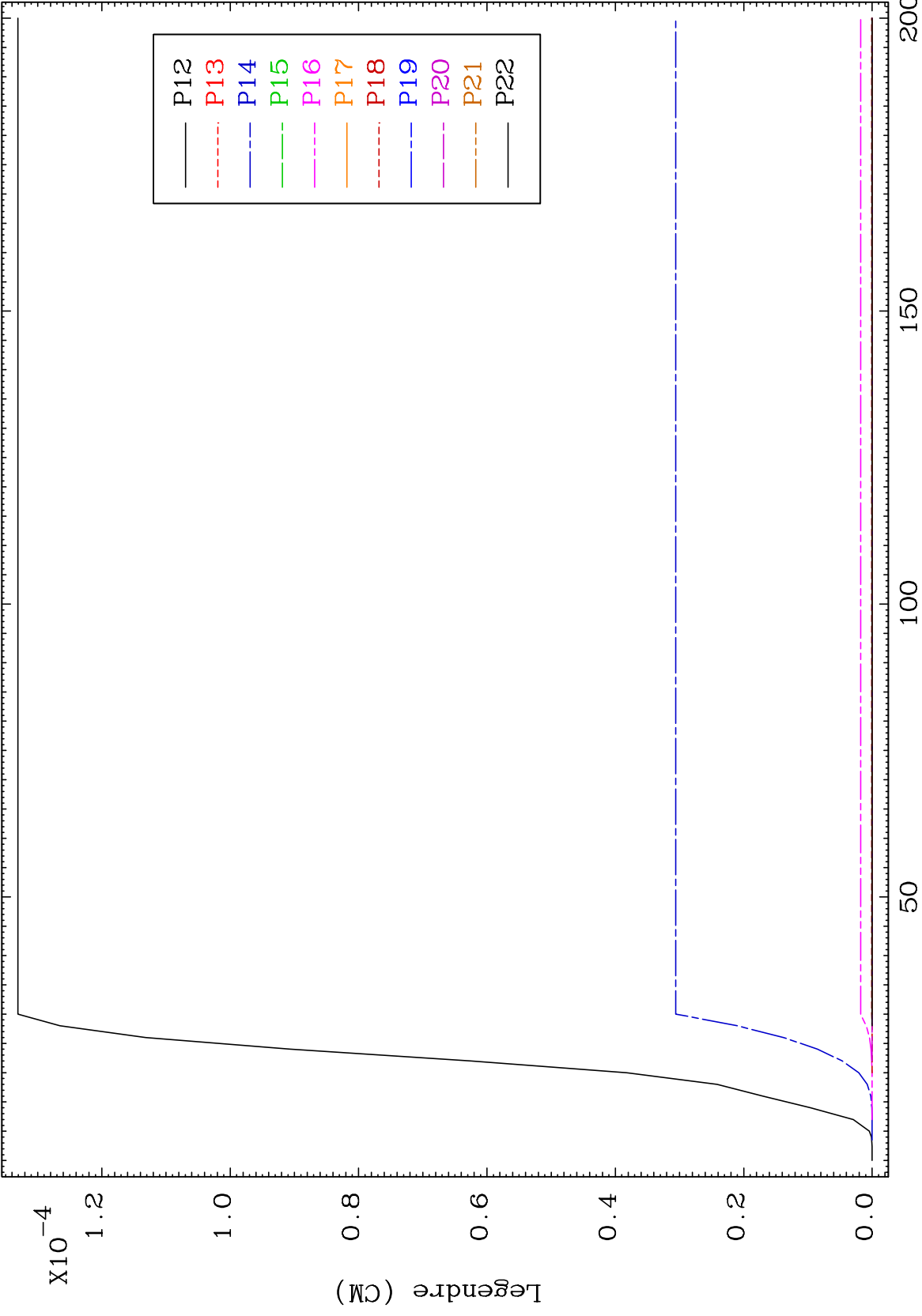




MAT 3161

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

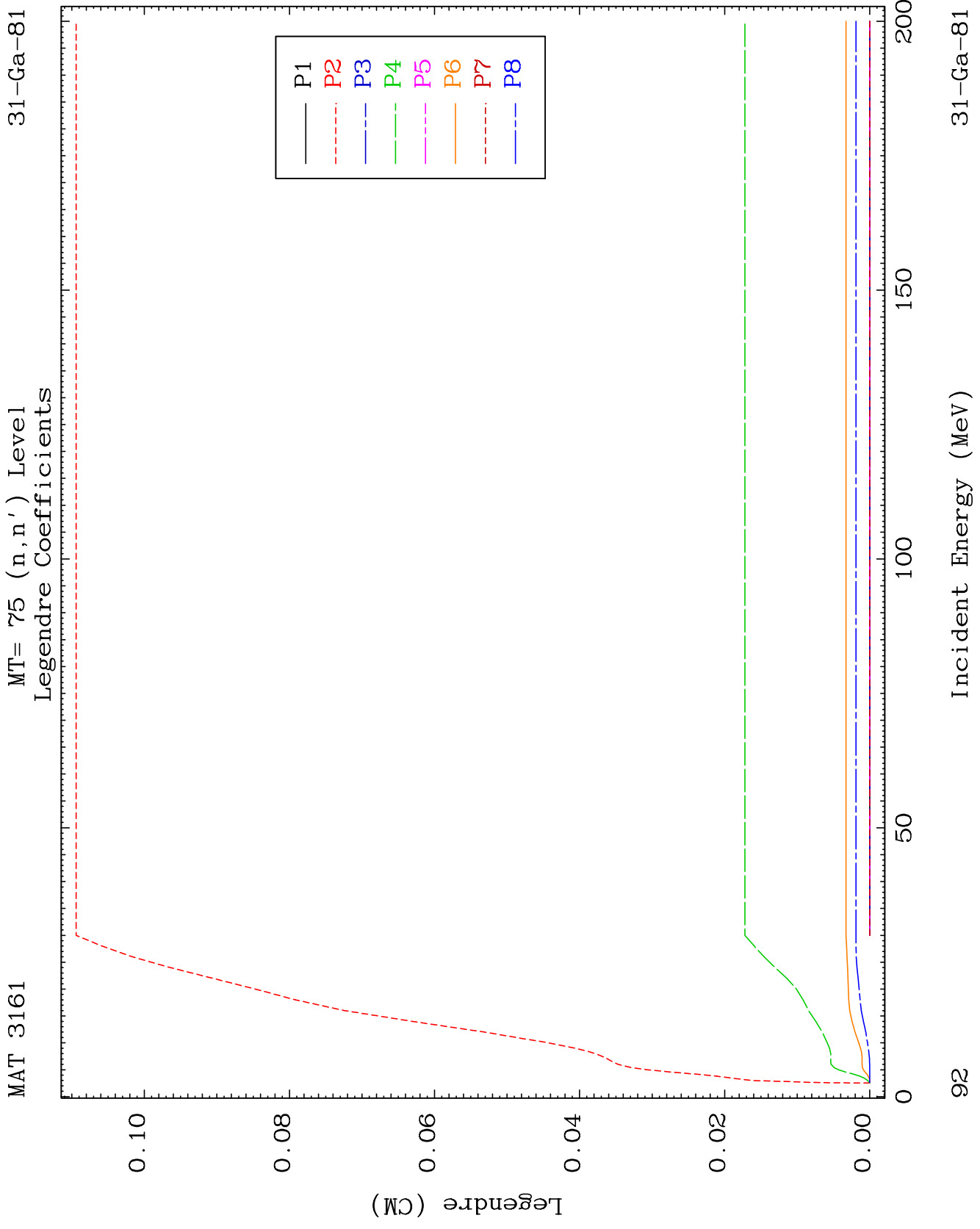
31-Ga-81

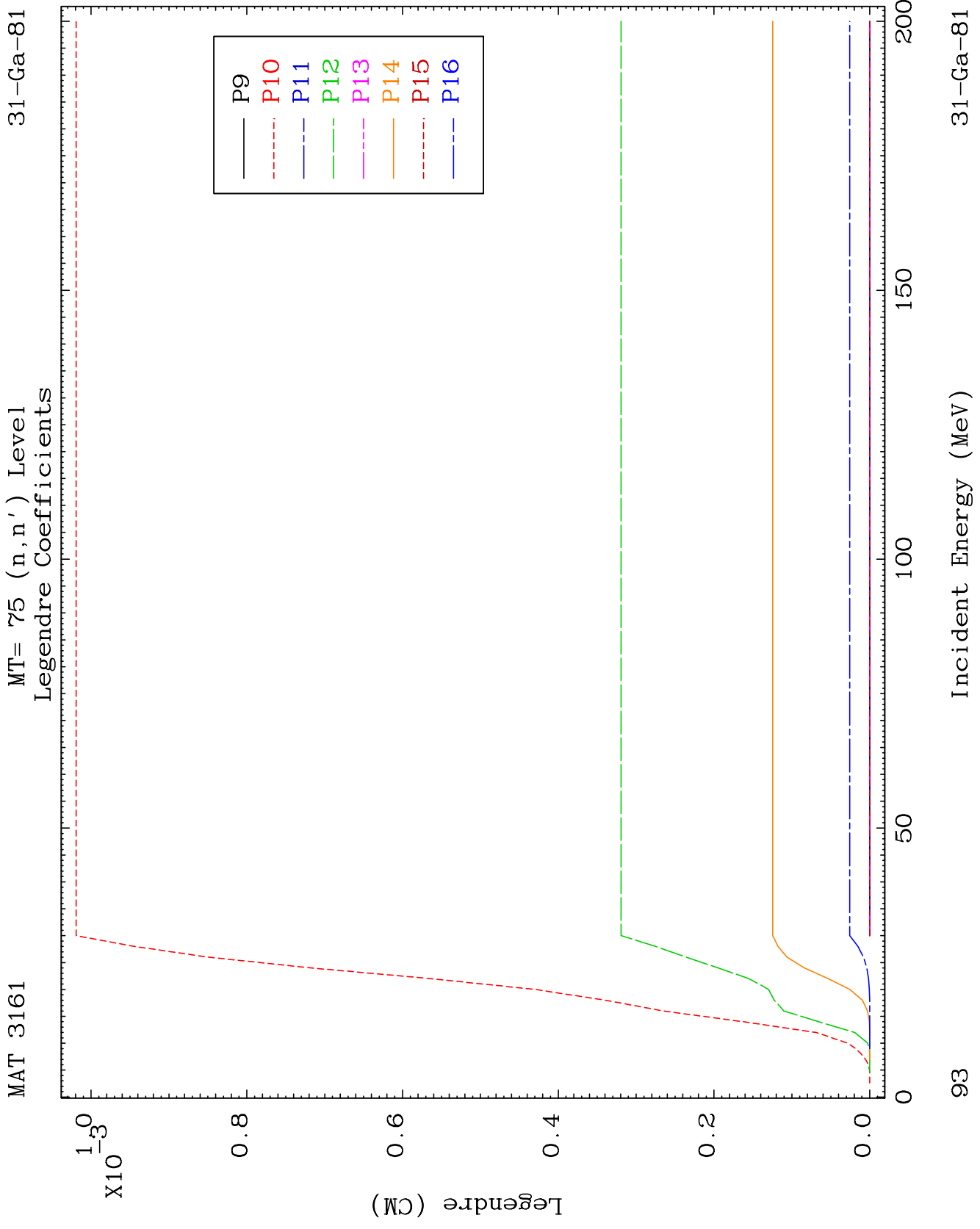


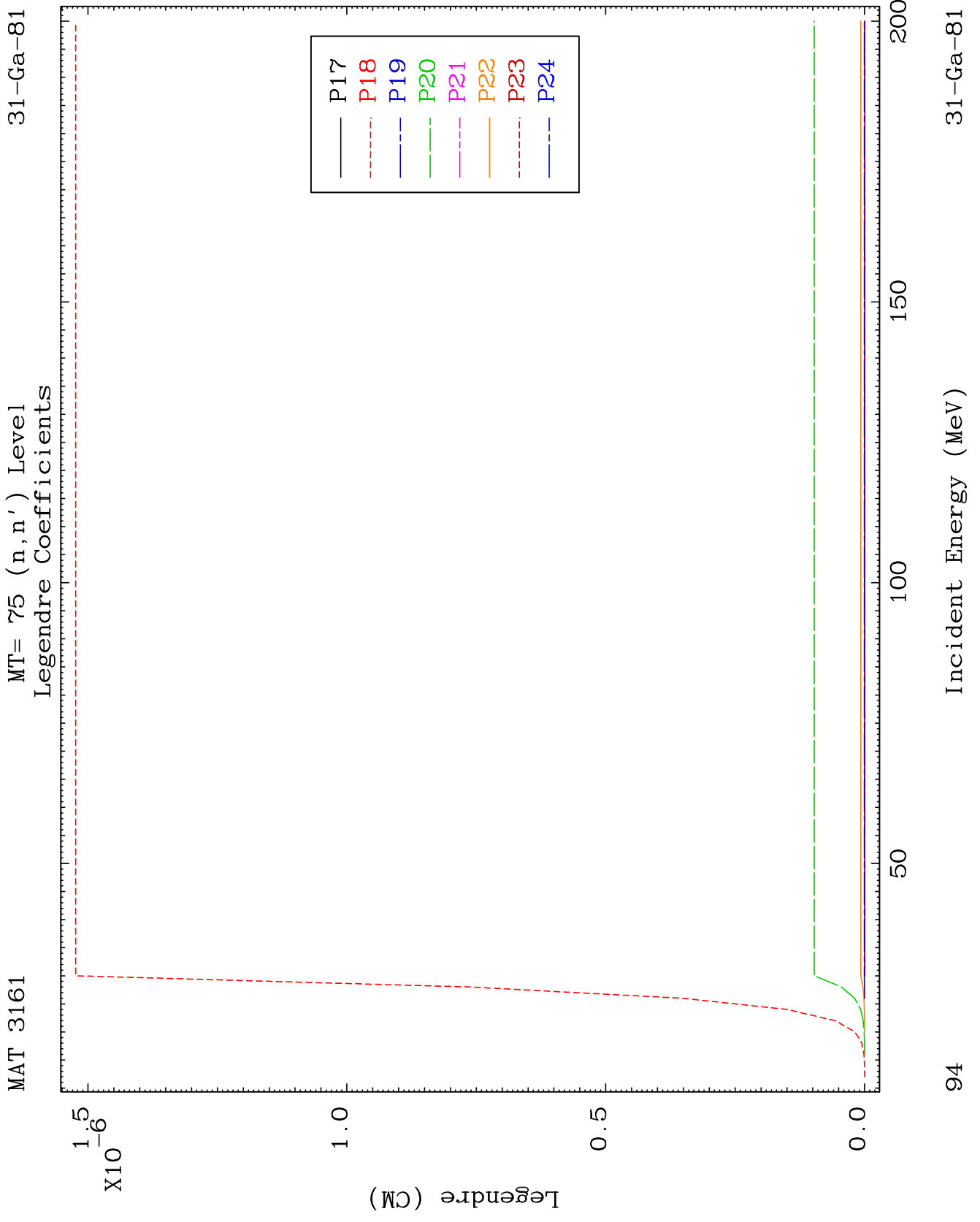
91

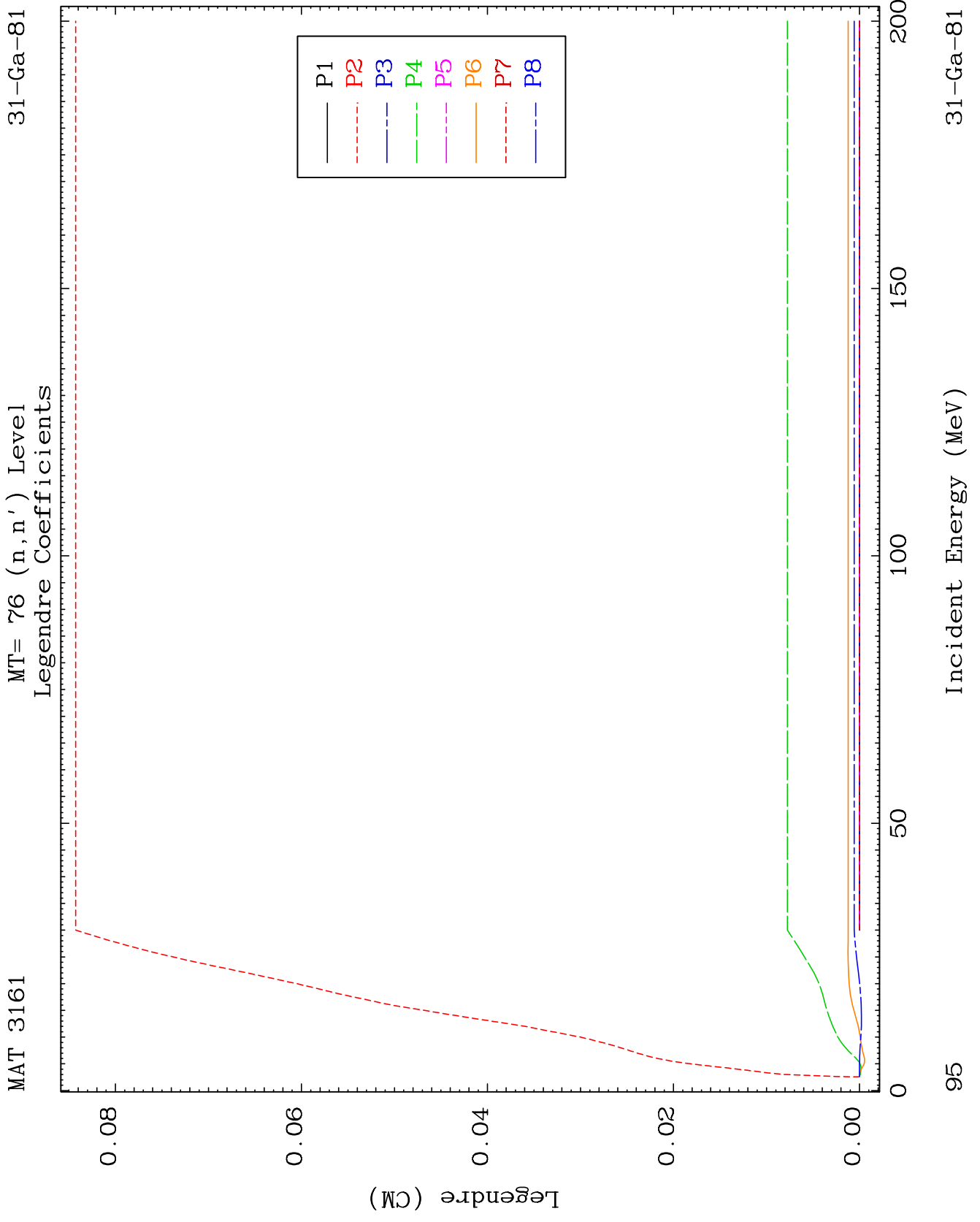
Incident Energy (MeV)

31-Ga-81





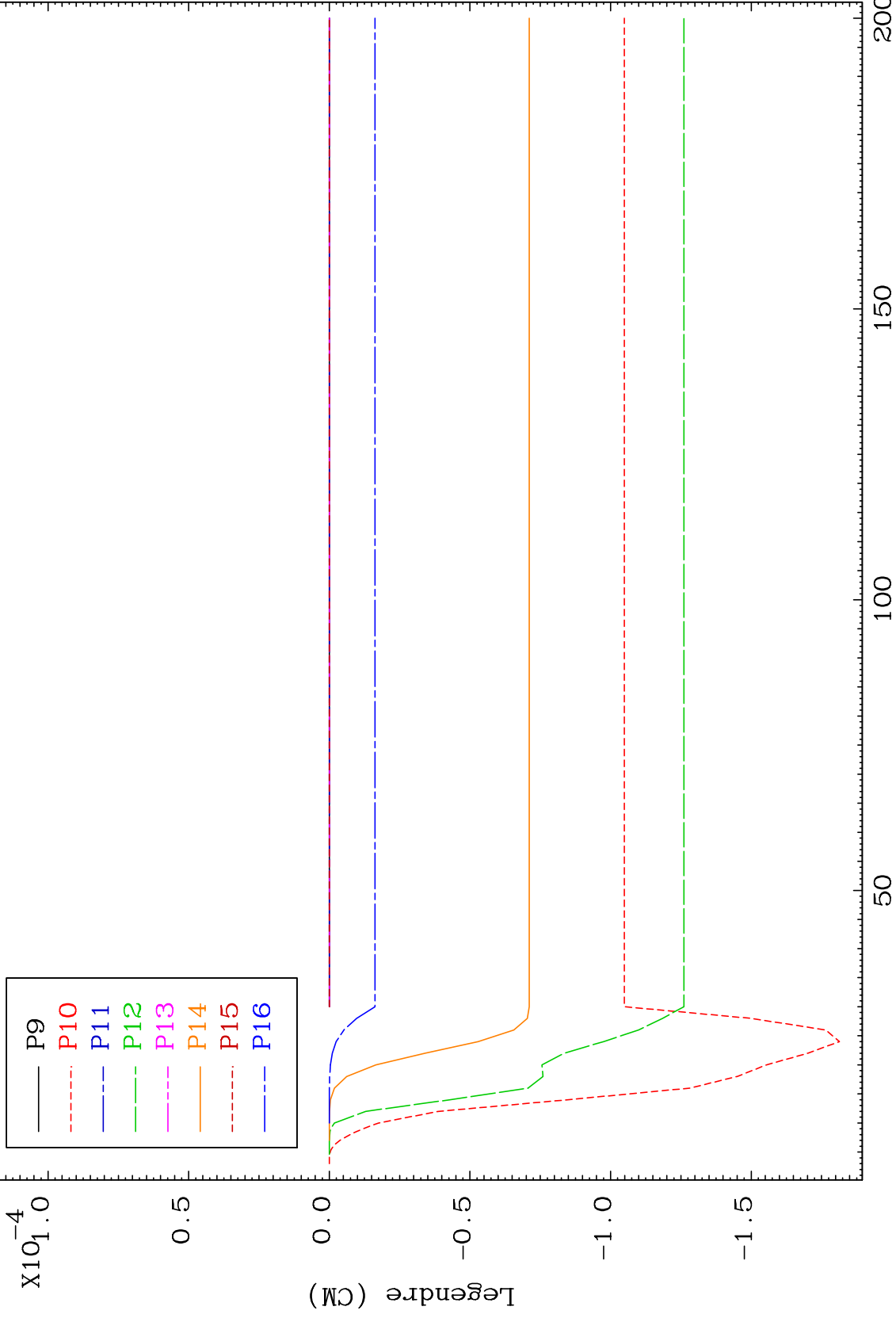
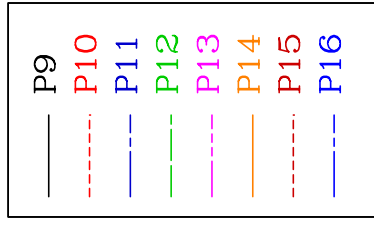




MAT 3161

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

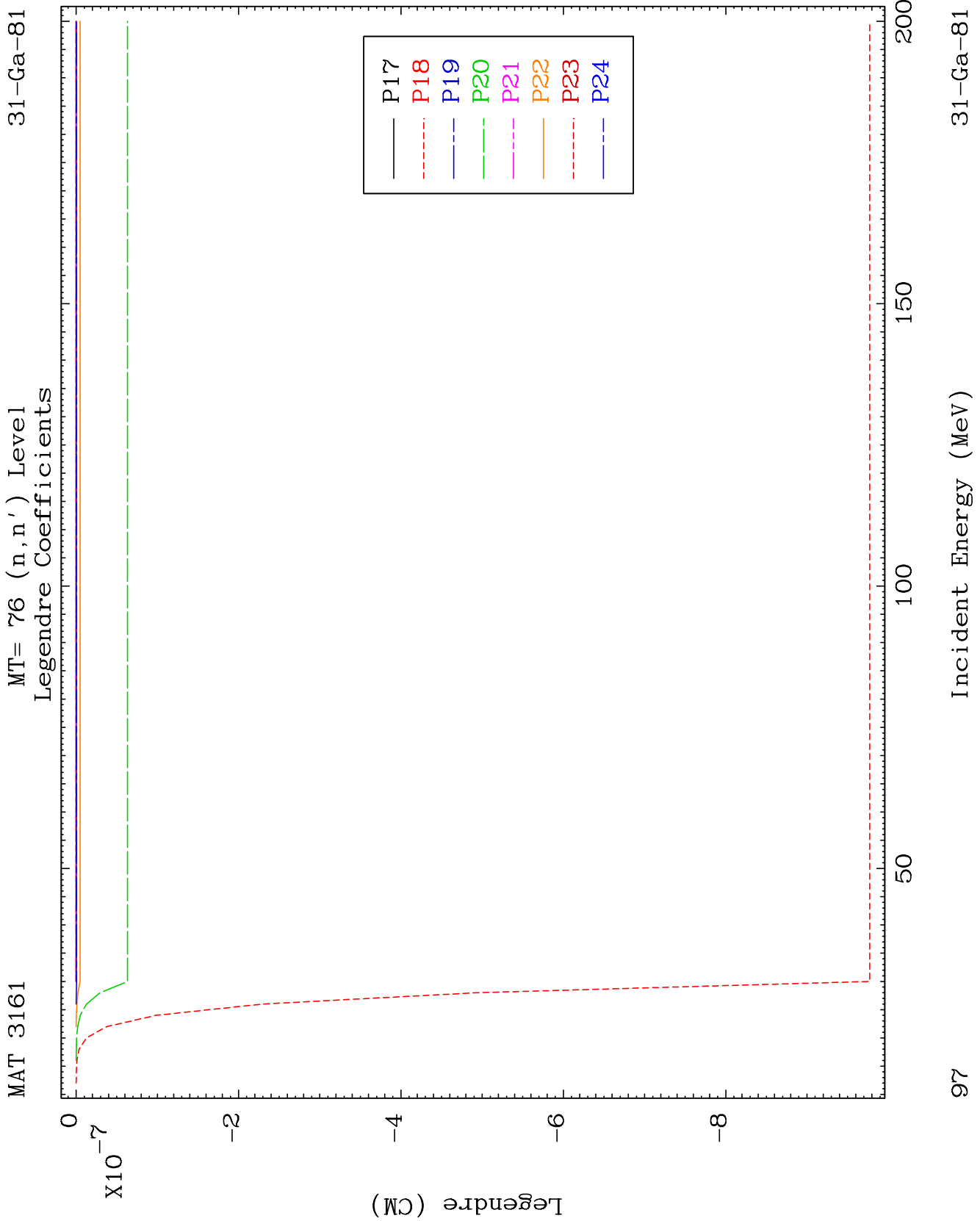
31-Ga-81



96

Incident Energy (MeV)

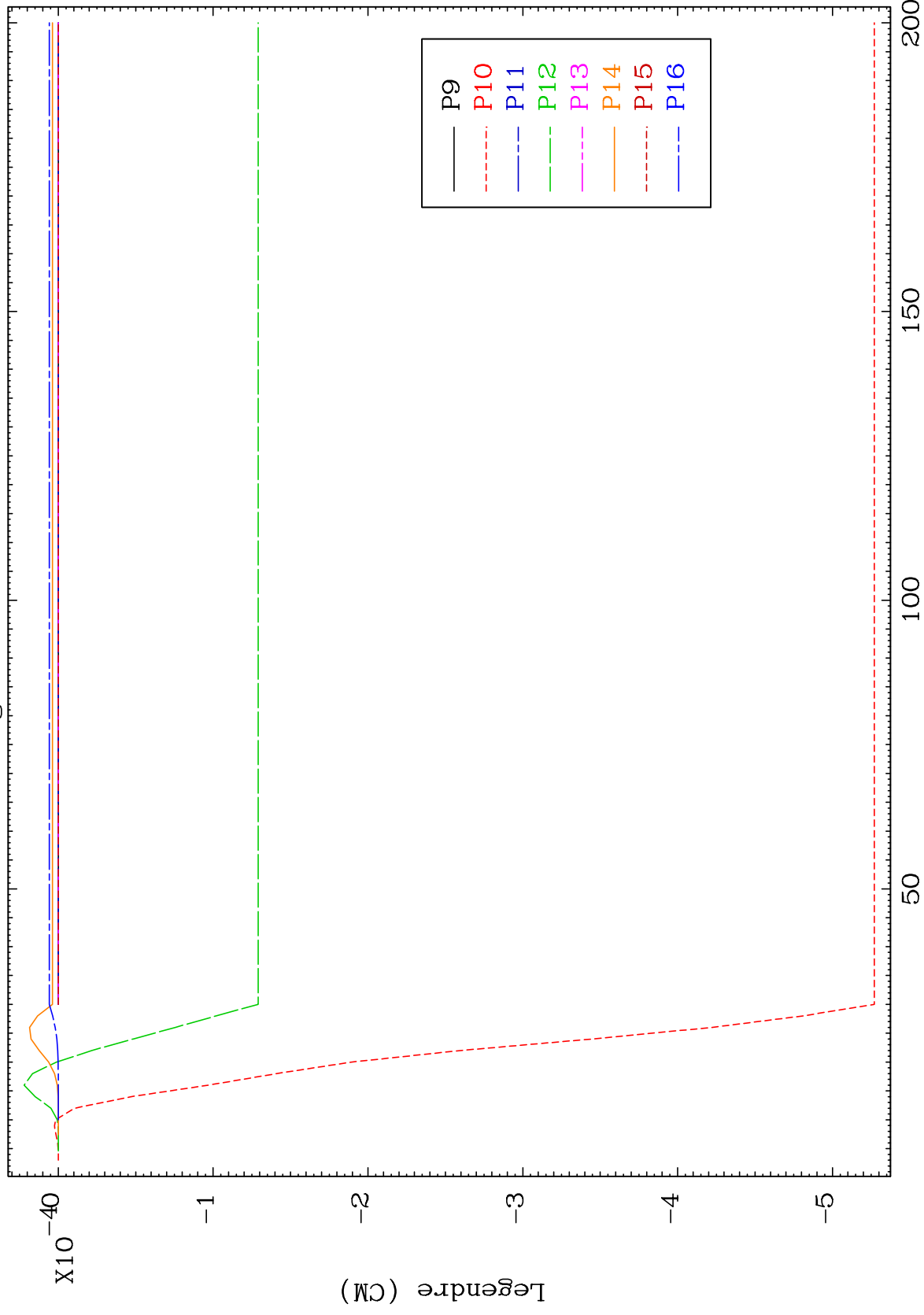
31-Ga-81



MAT 3161

MT= 77 (n,n') Level
Legendre Coefficients

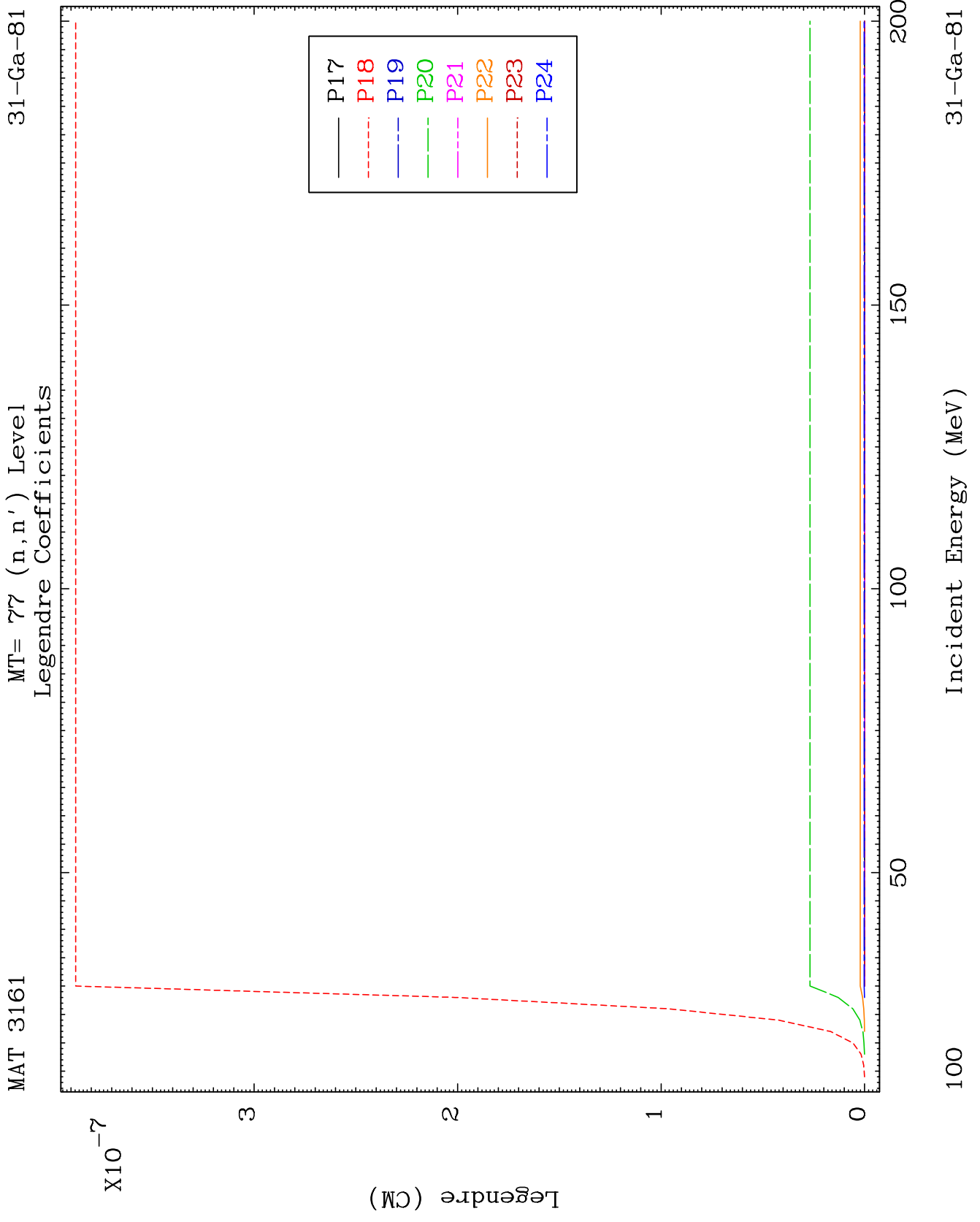
31-Ga-81



99

Incident Energy (MeV)

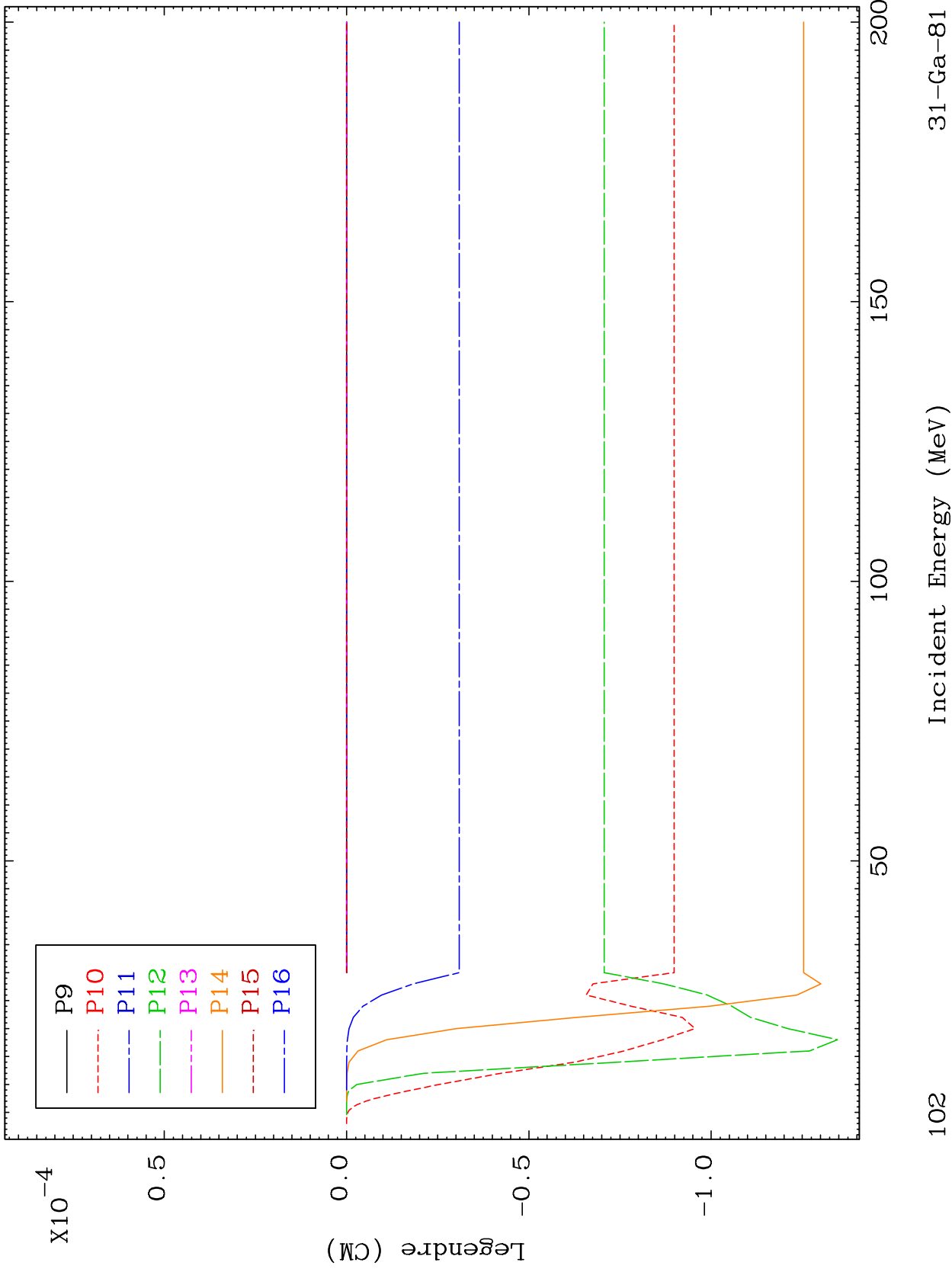
31-Ga-81



MAT 3161

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

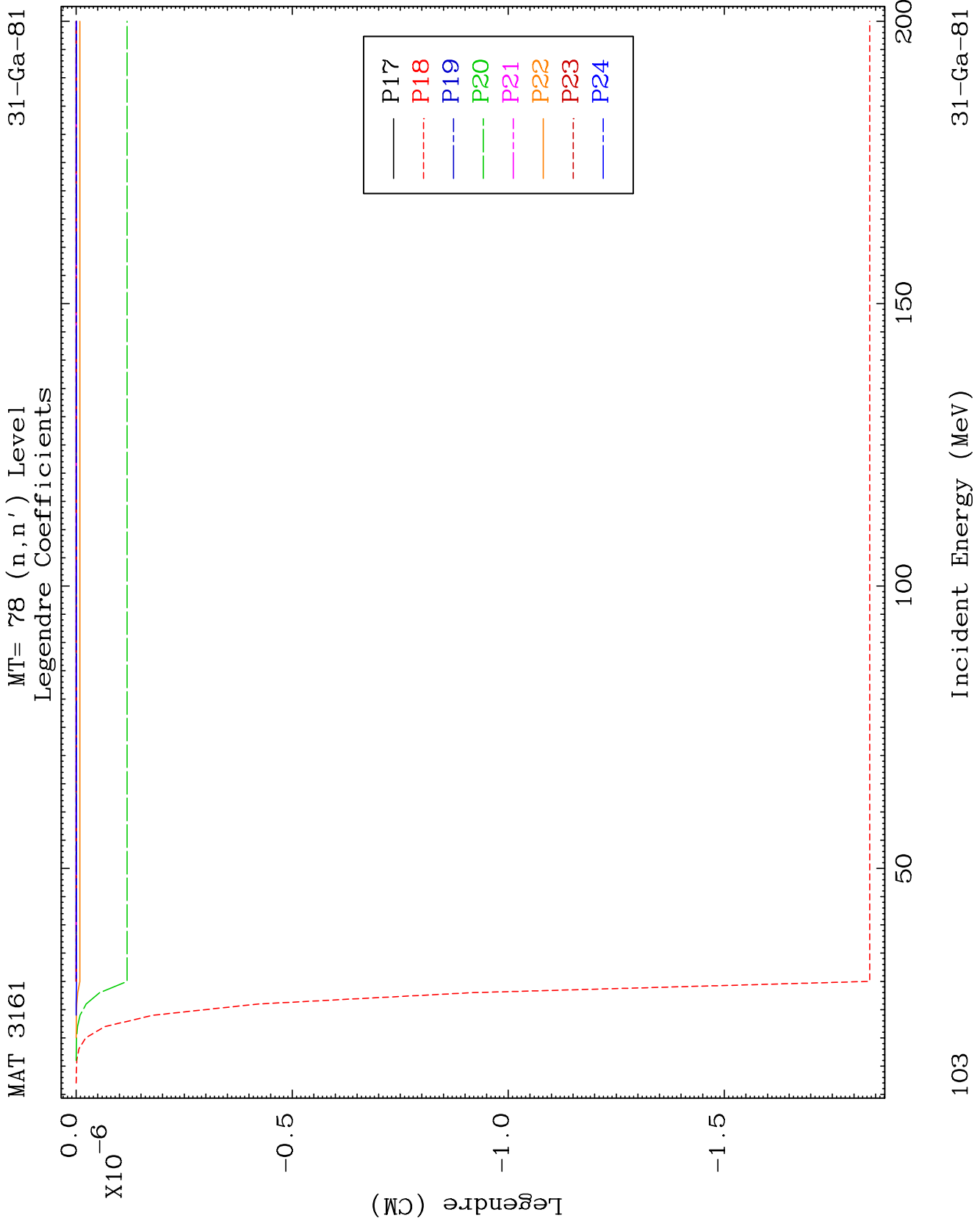
31-Ga-81

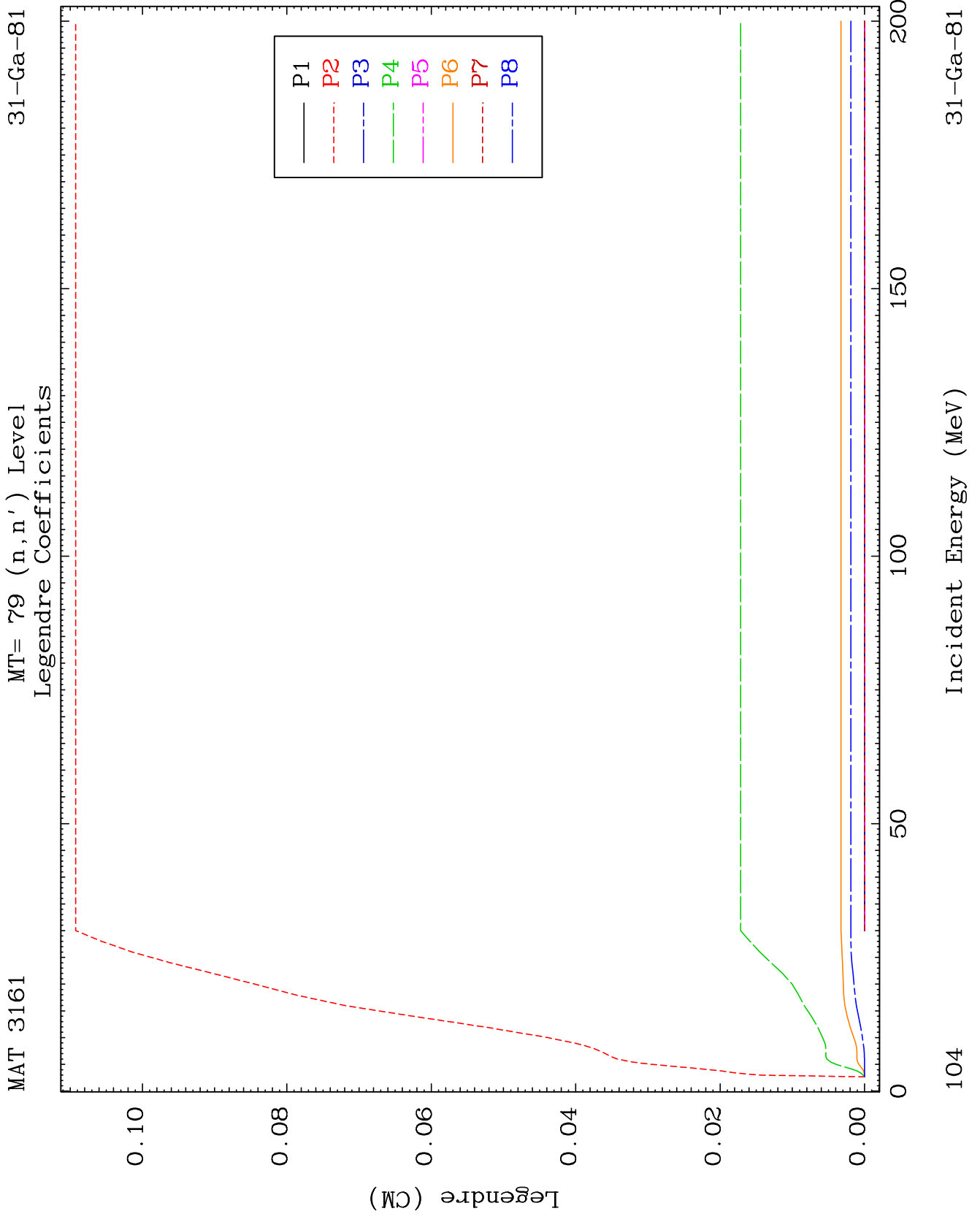


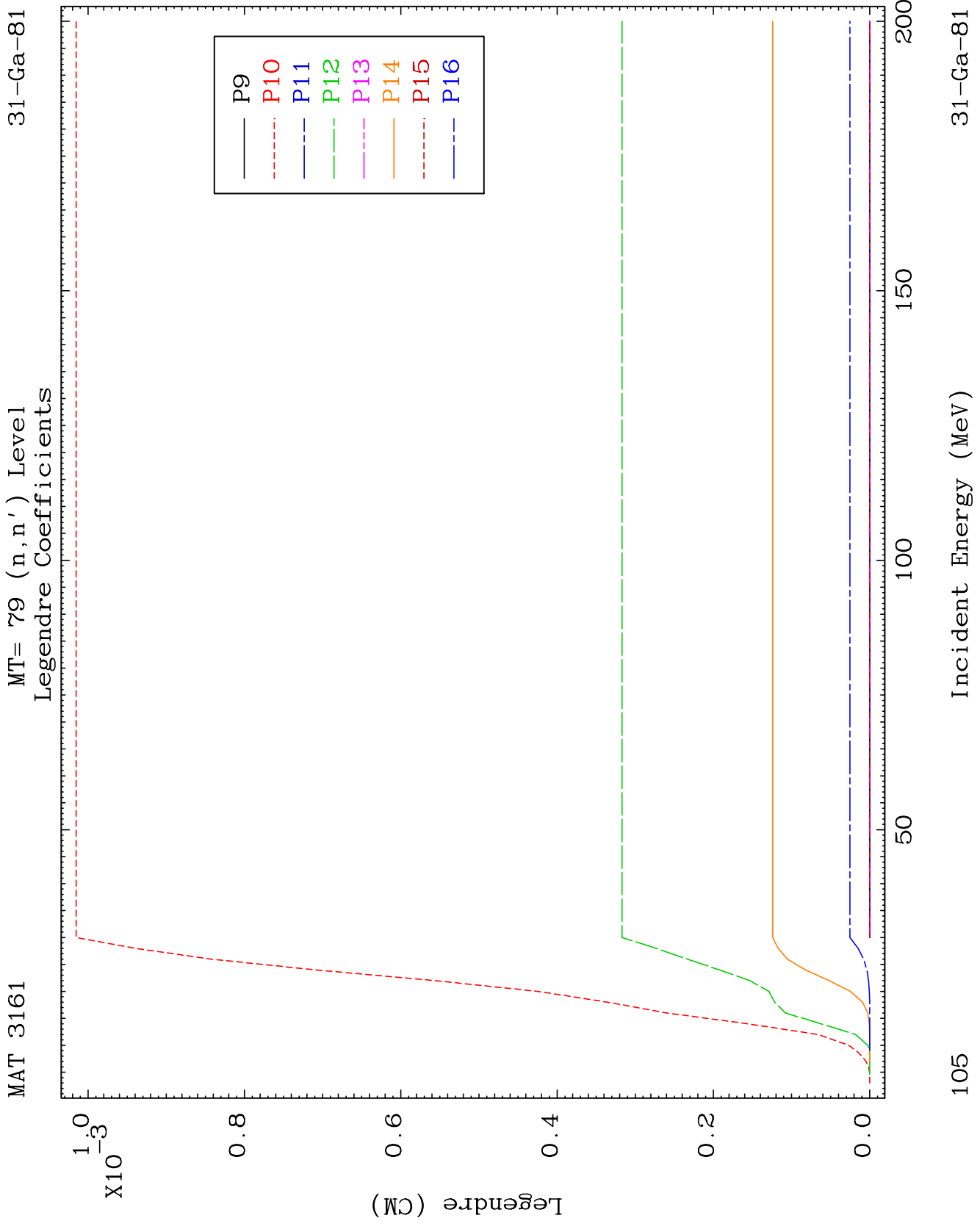
102

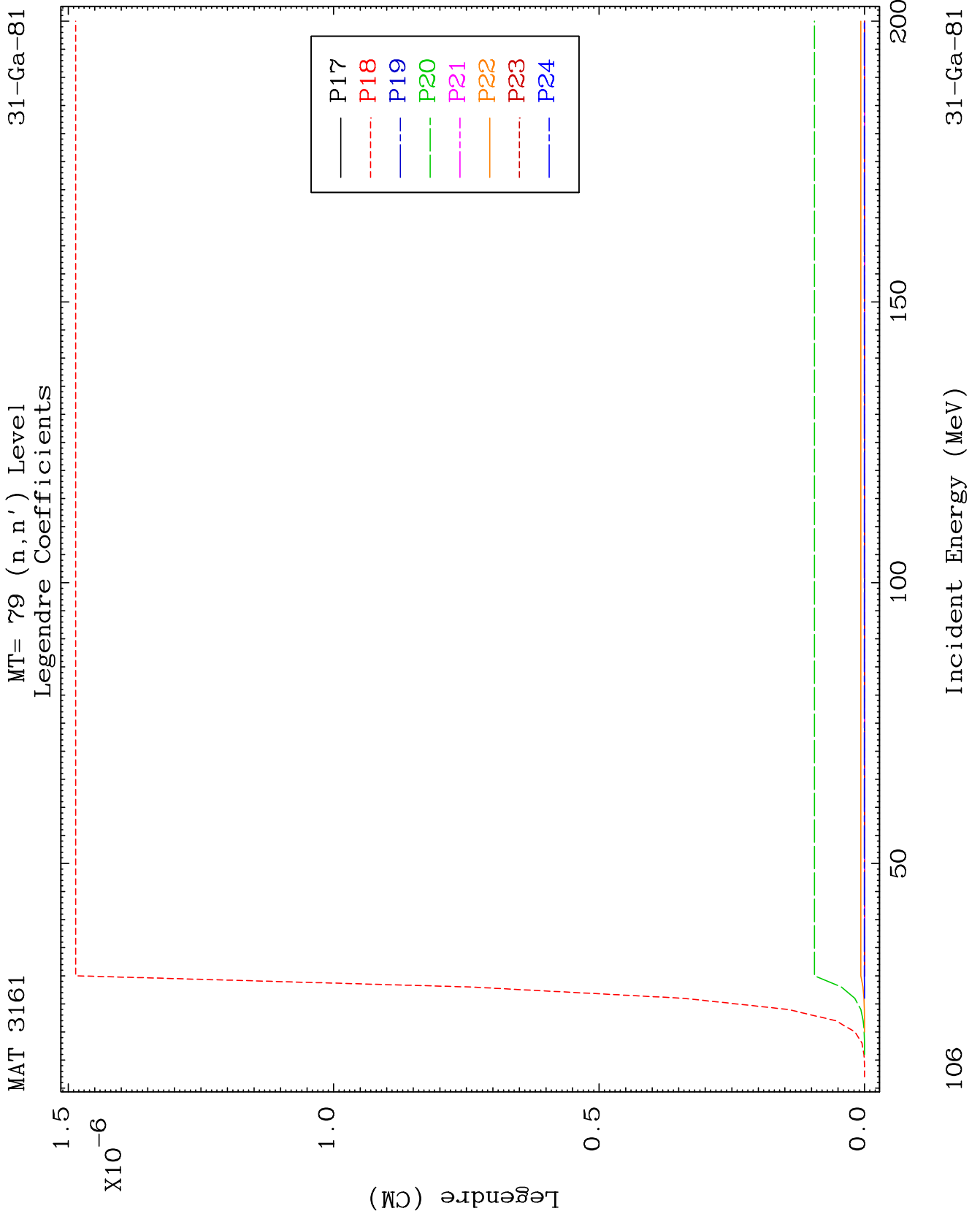
Incident Energy (MeV)

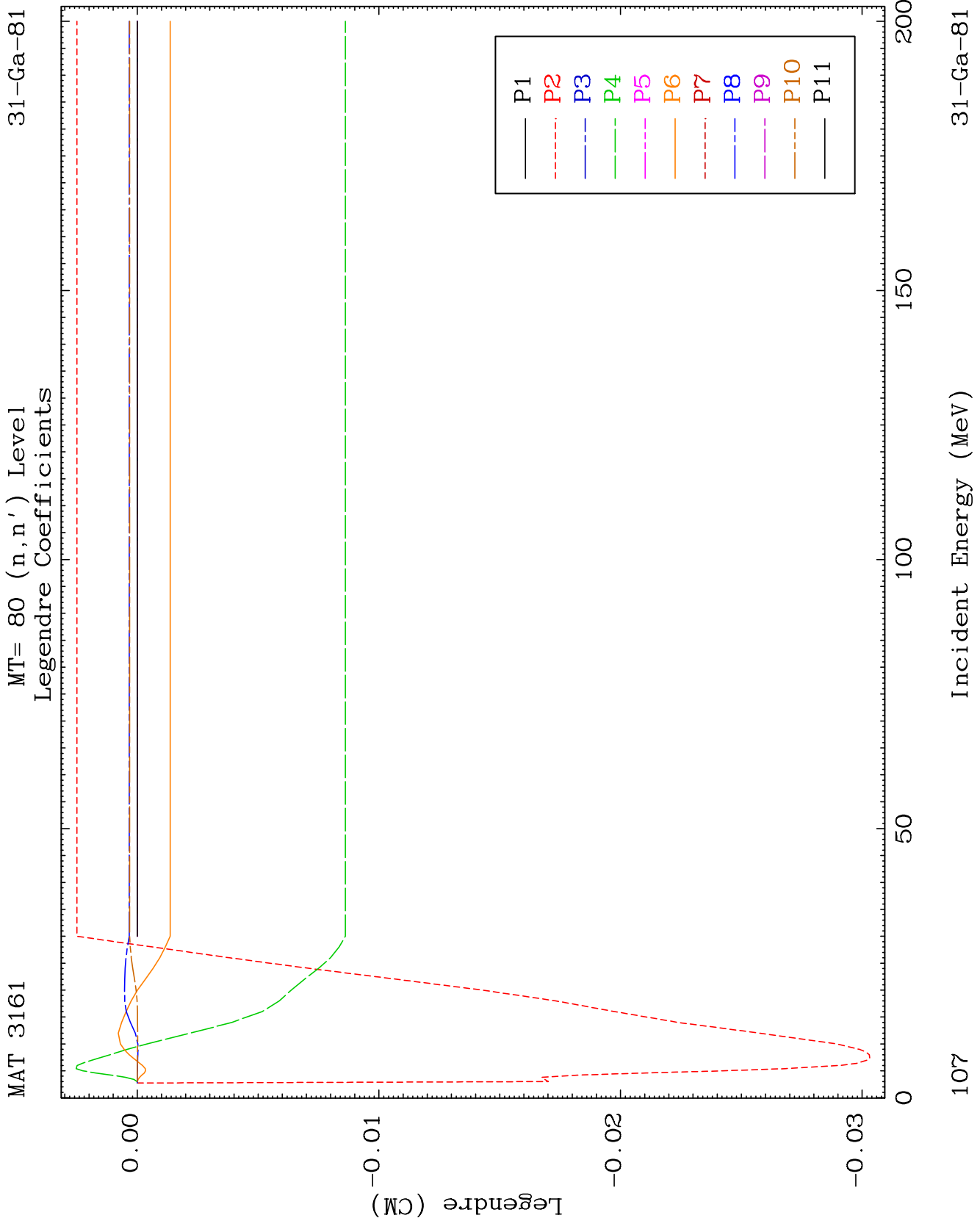
31-Ga-81







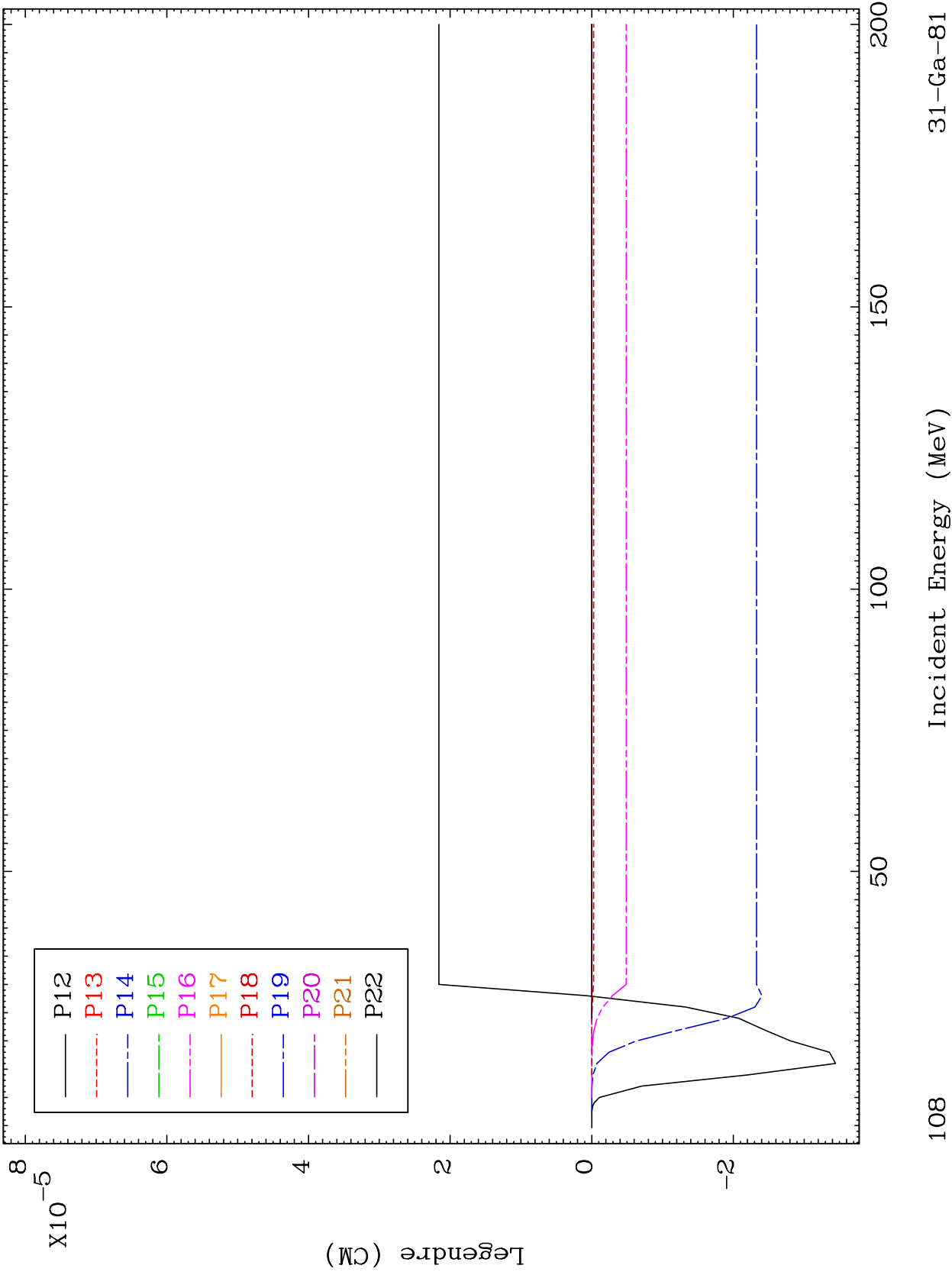




MAT 3161

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

31-Ga-81



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Radionuclide Production Cross Section

