

Program EVALPLOT
(Version 2021-1)

by

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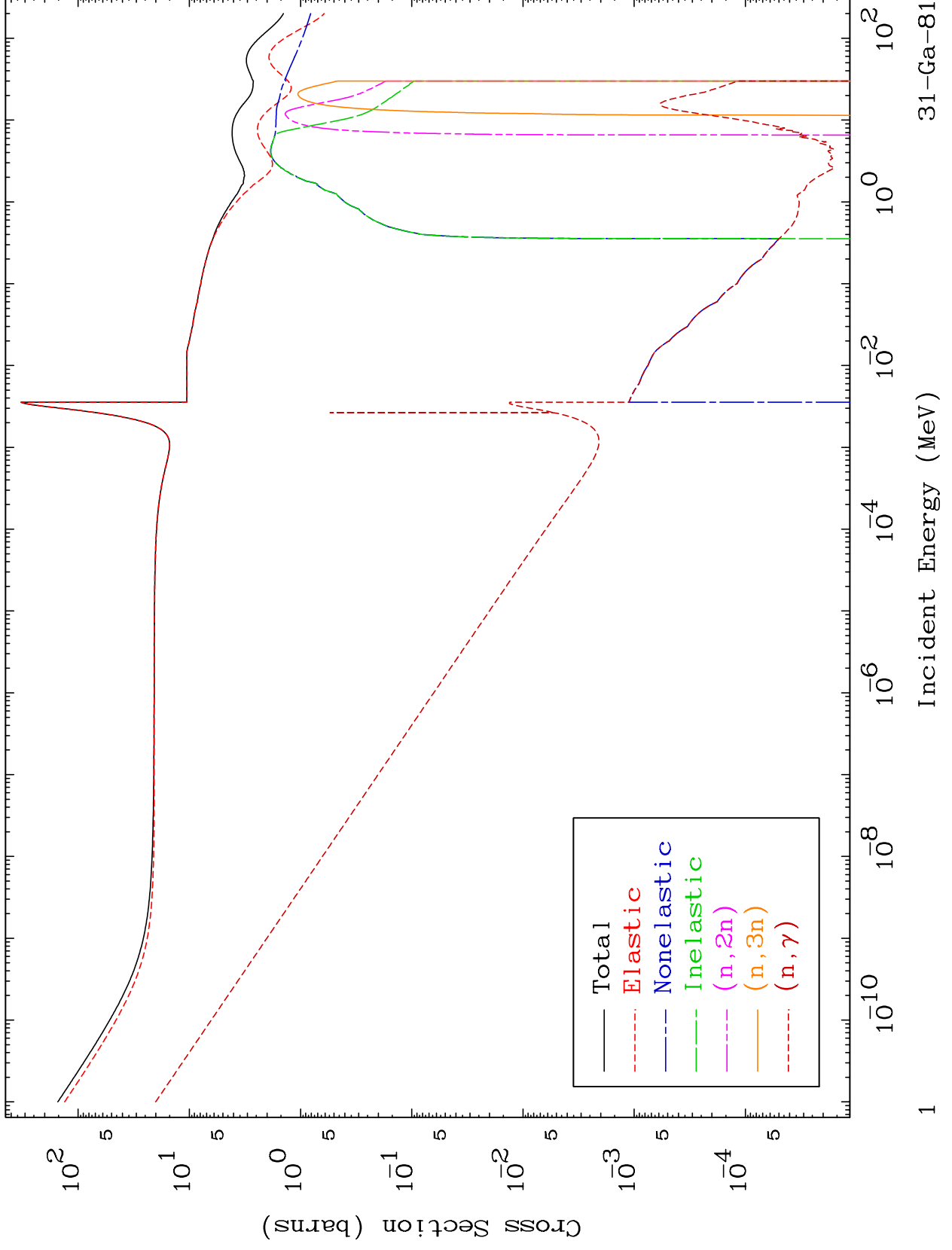
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Press Mouse Button to Start

MAT 3161

Neutron Major
293 Kelvin Cross Sections

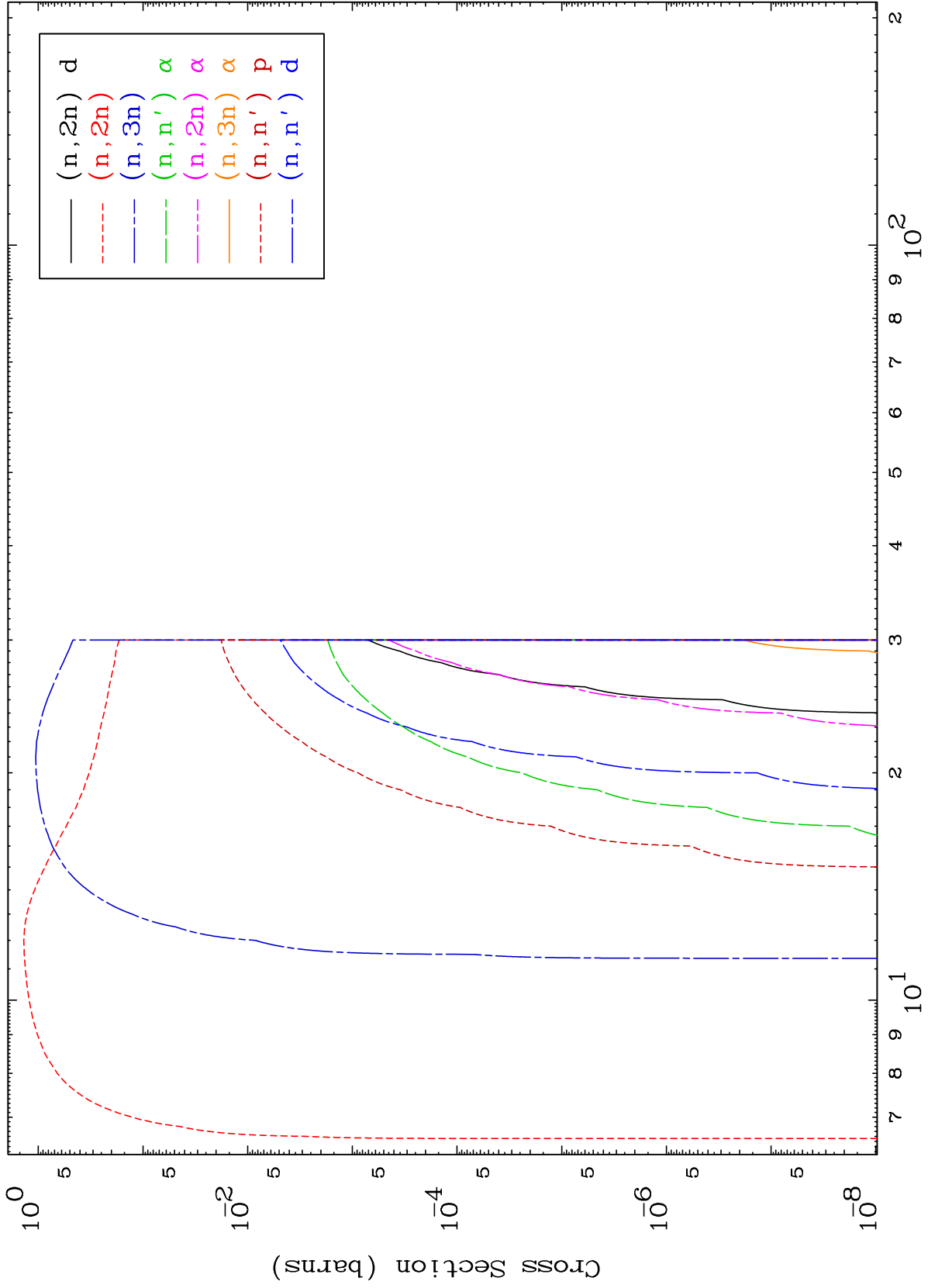
31-Ga-81



MAT 3161

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-81



2

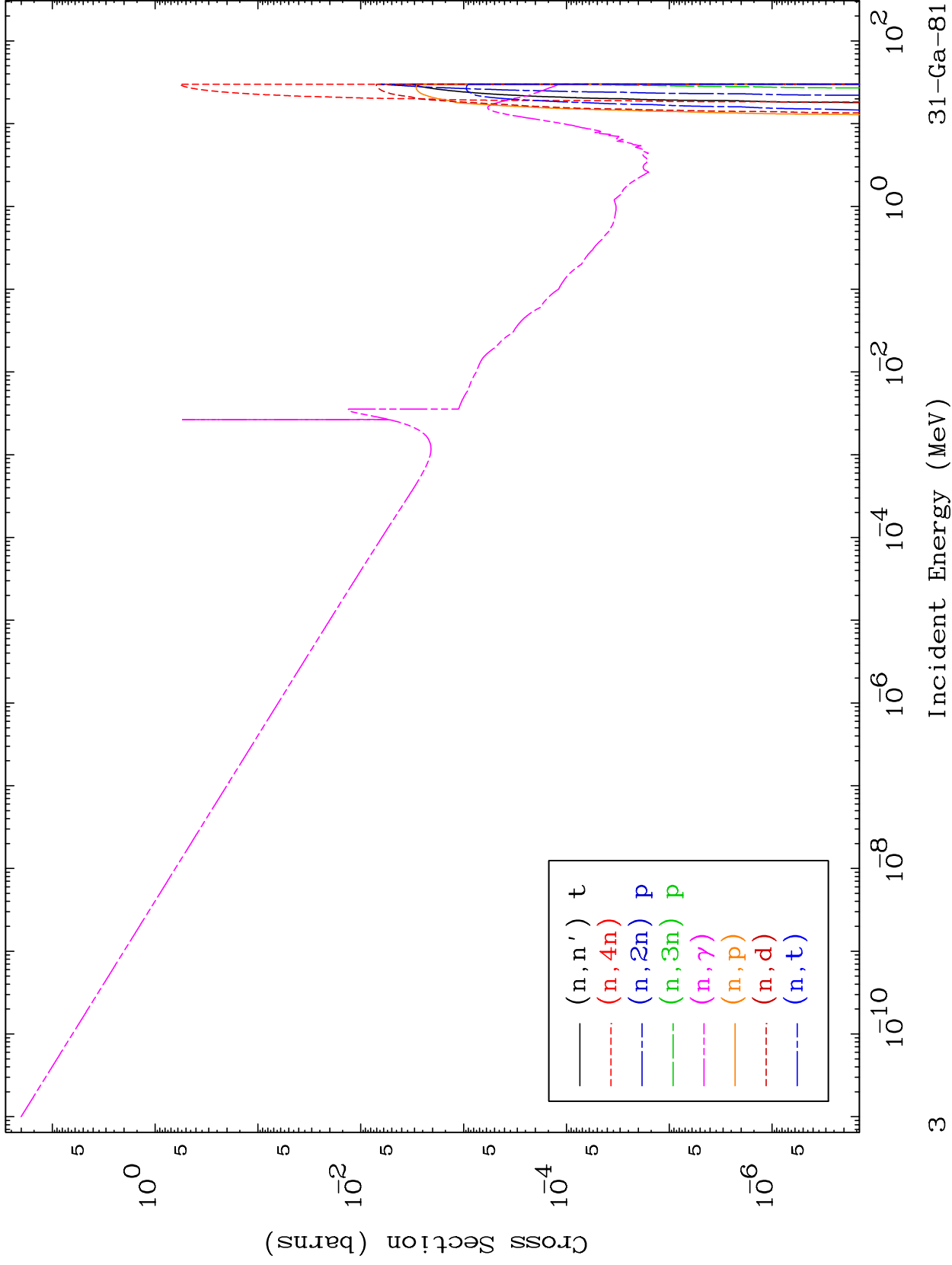
Incident Energy (MeV)

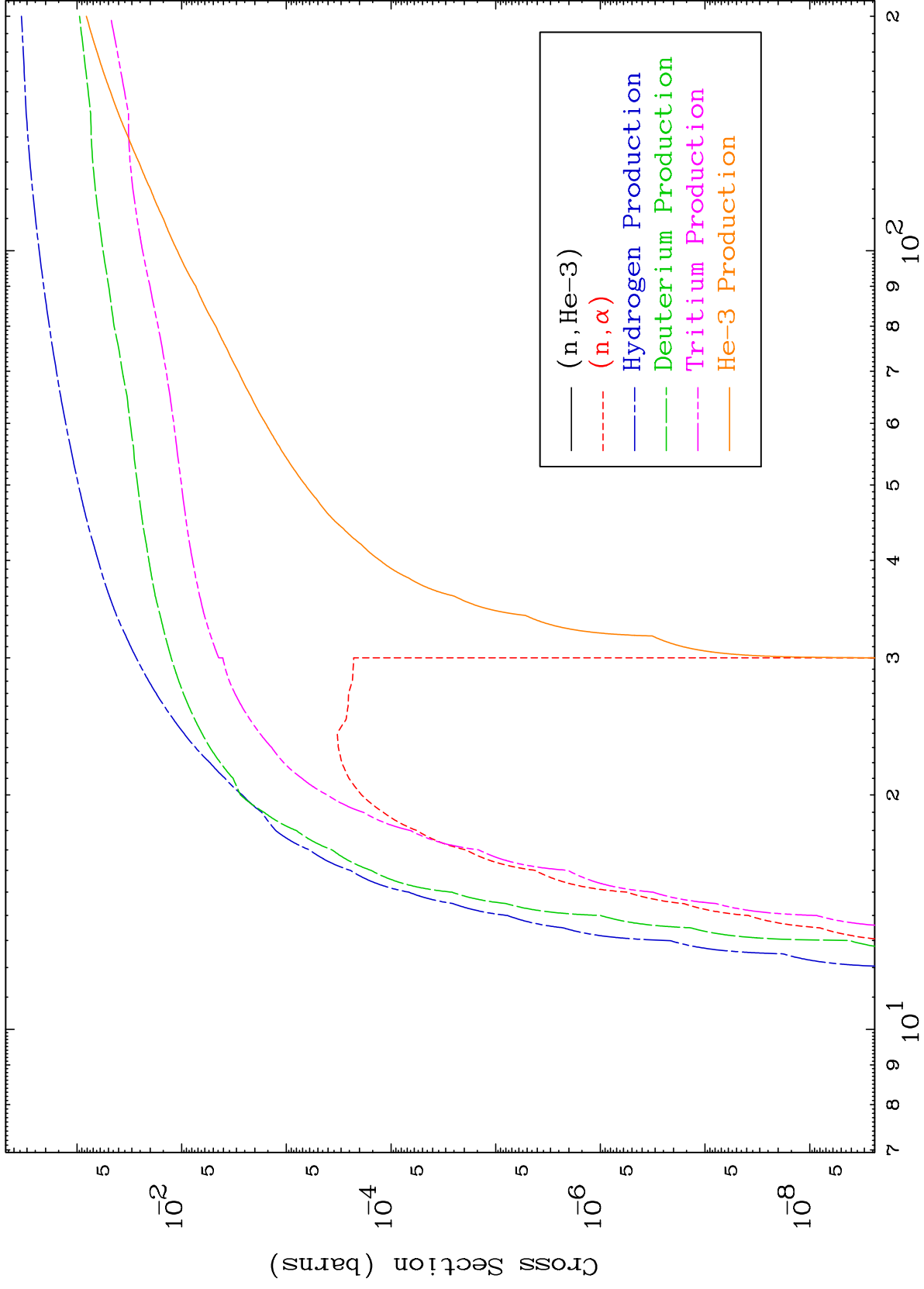
31-Ga-81

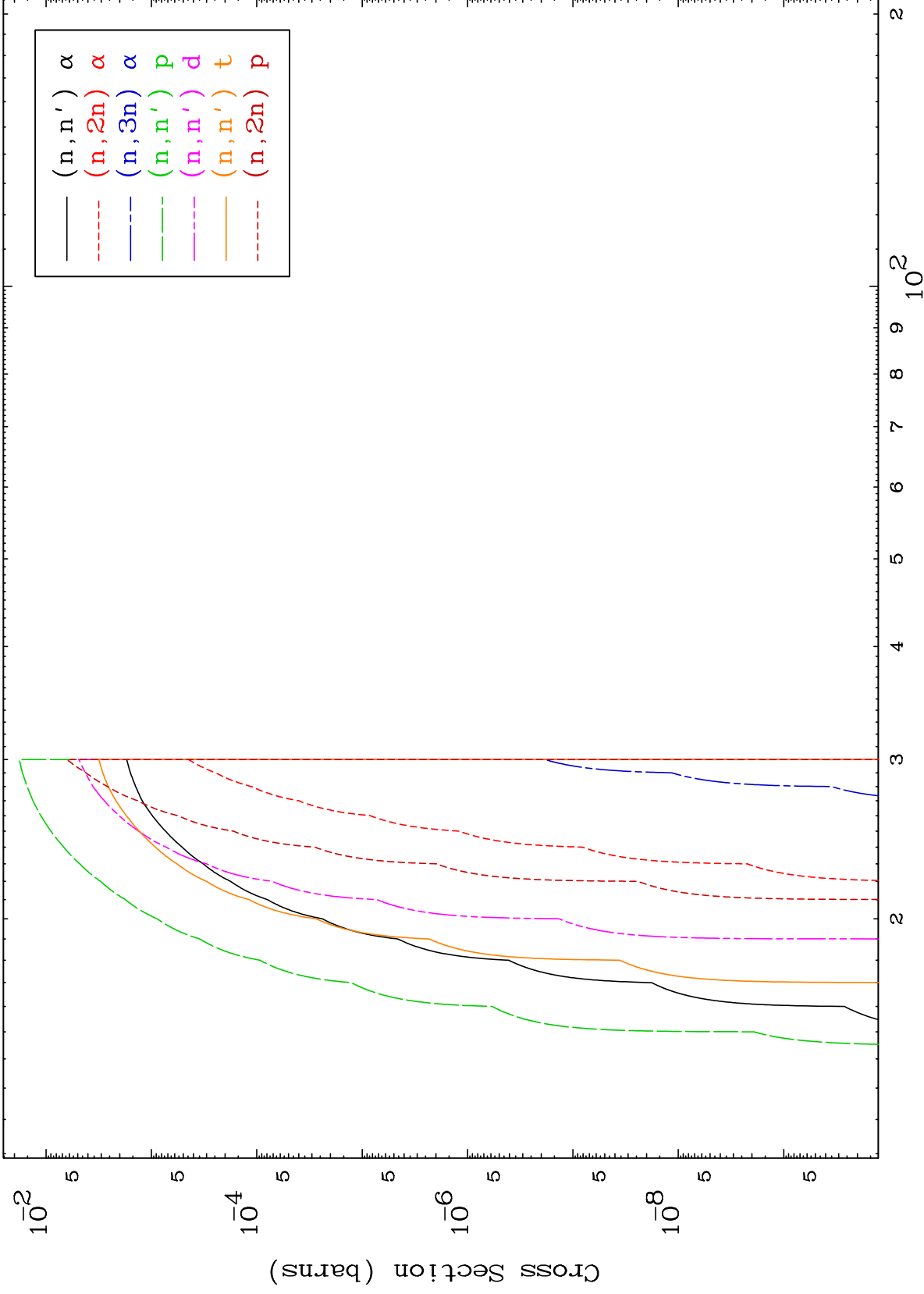
MAT 3161

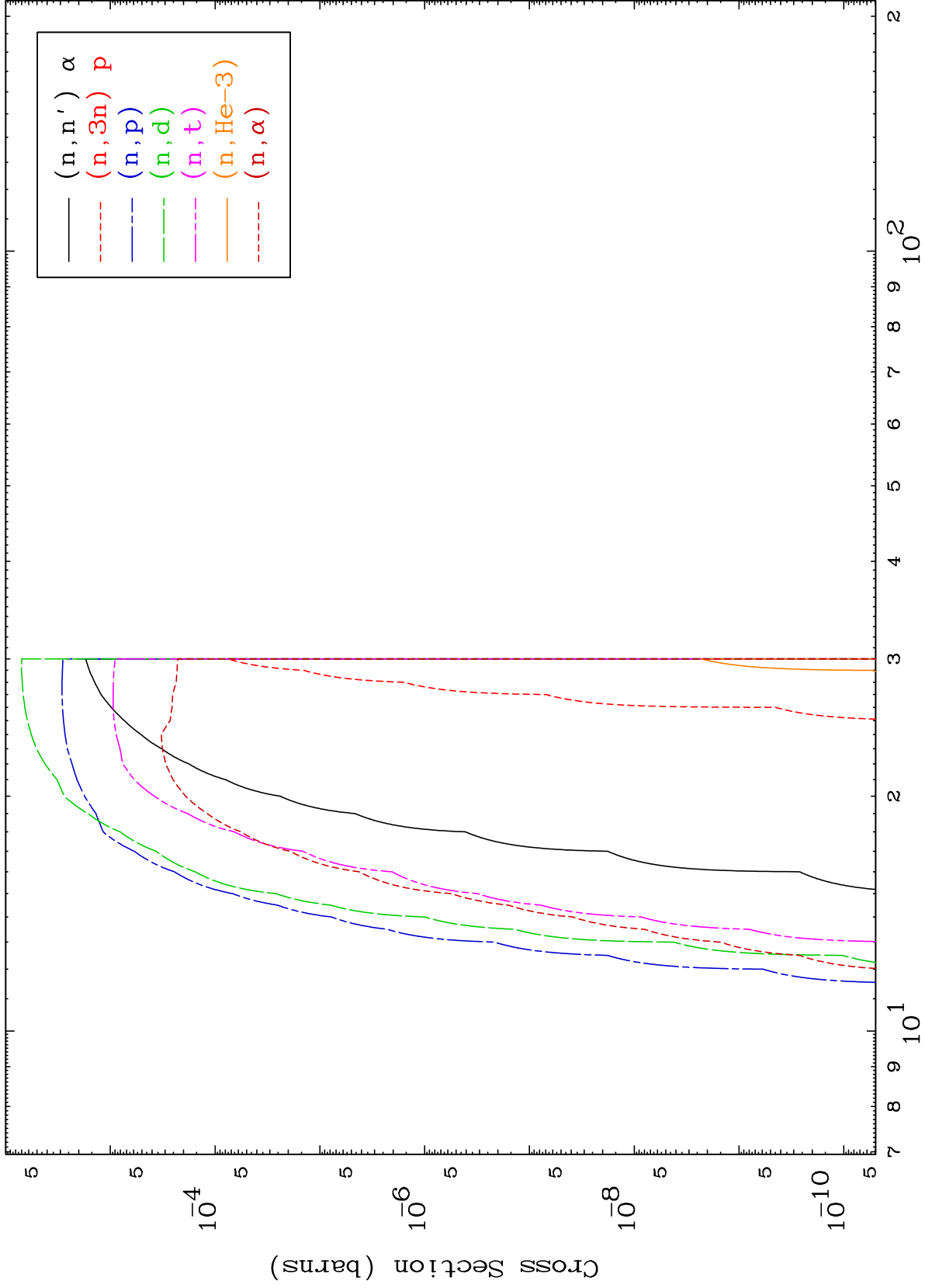
Neutron Absorption
293 Kelvin Cross Sections

31-Ga-81





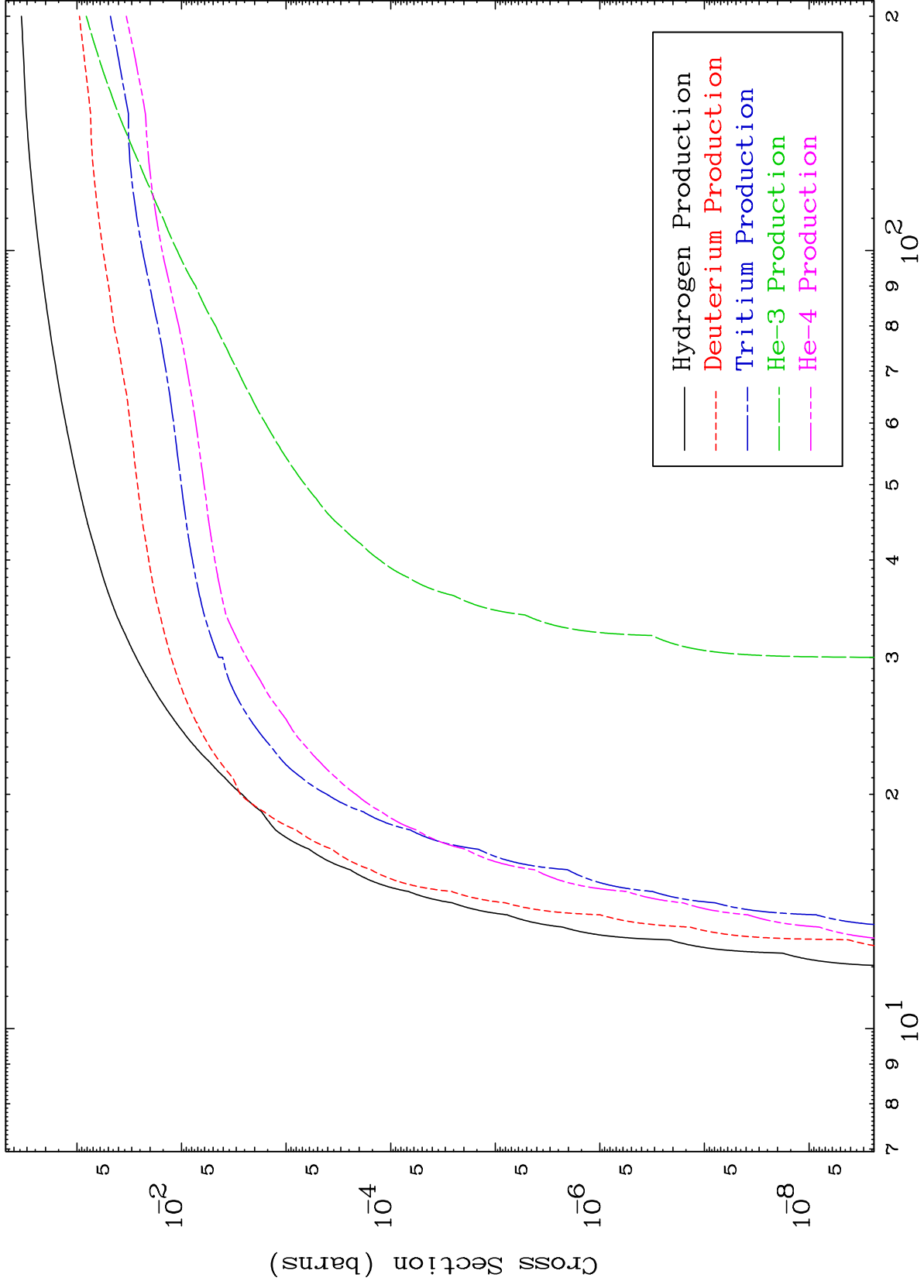




MAT 3161

Particle Production
293 Kelvin Cross Sections

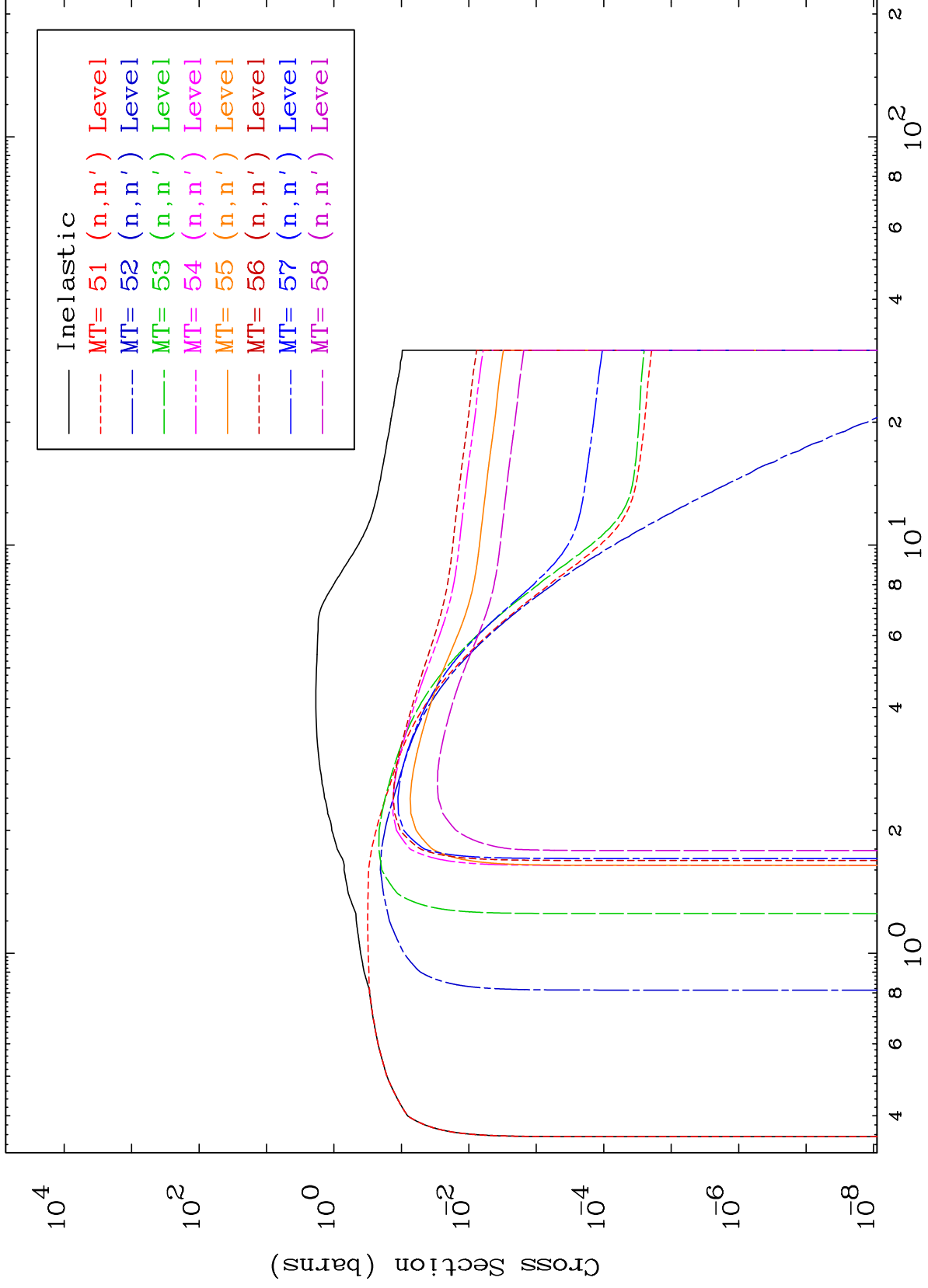
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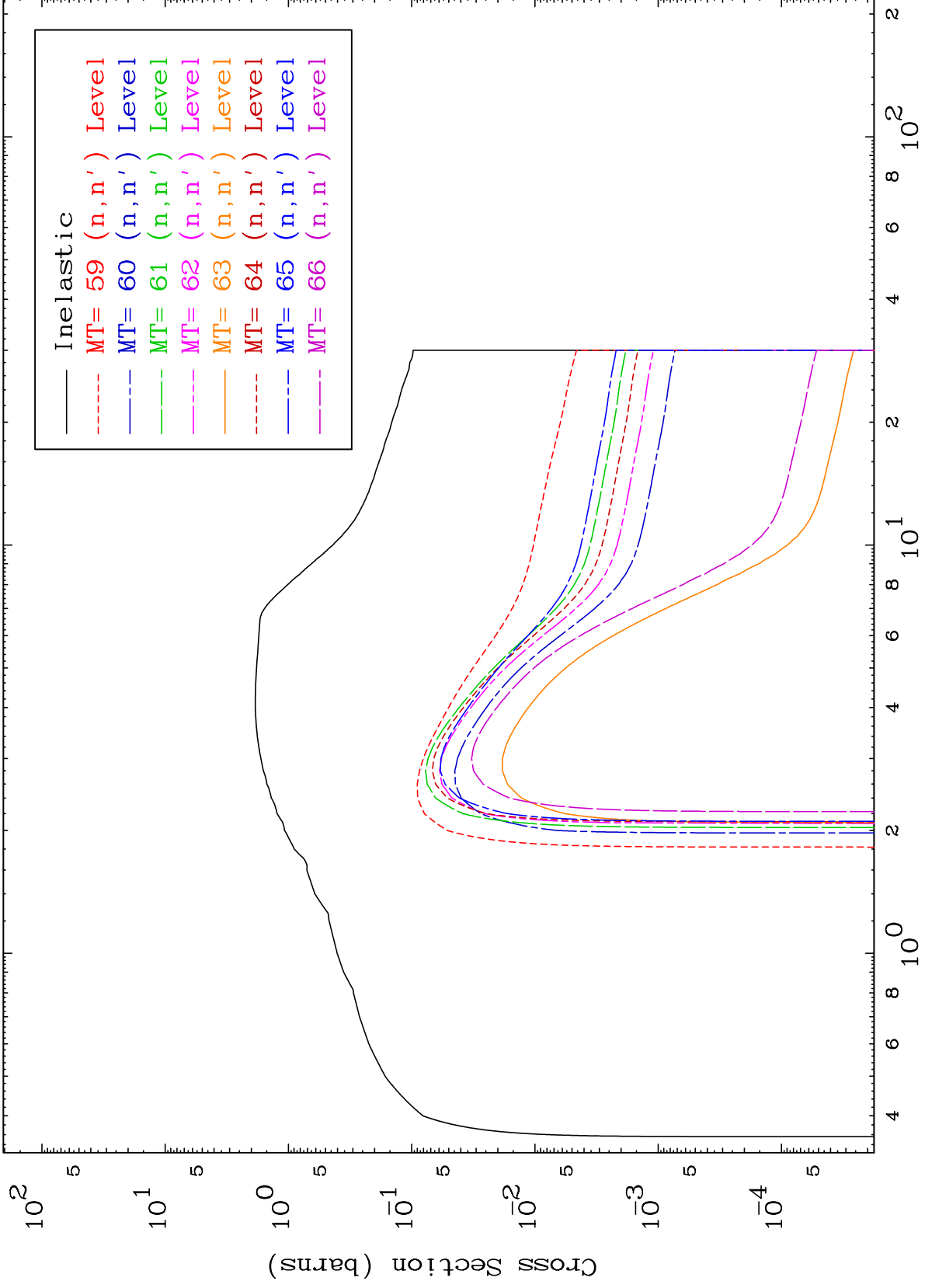
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Incident Energy (MeV)

31-Ga-81



293 Kelvin Cross Sections

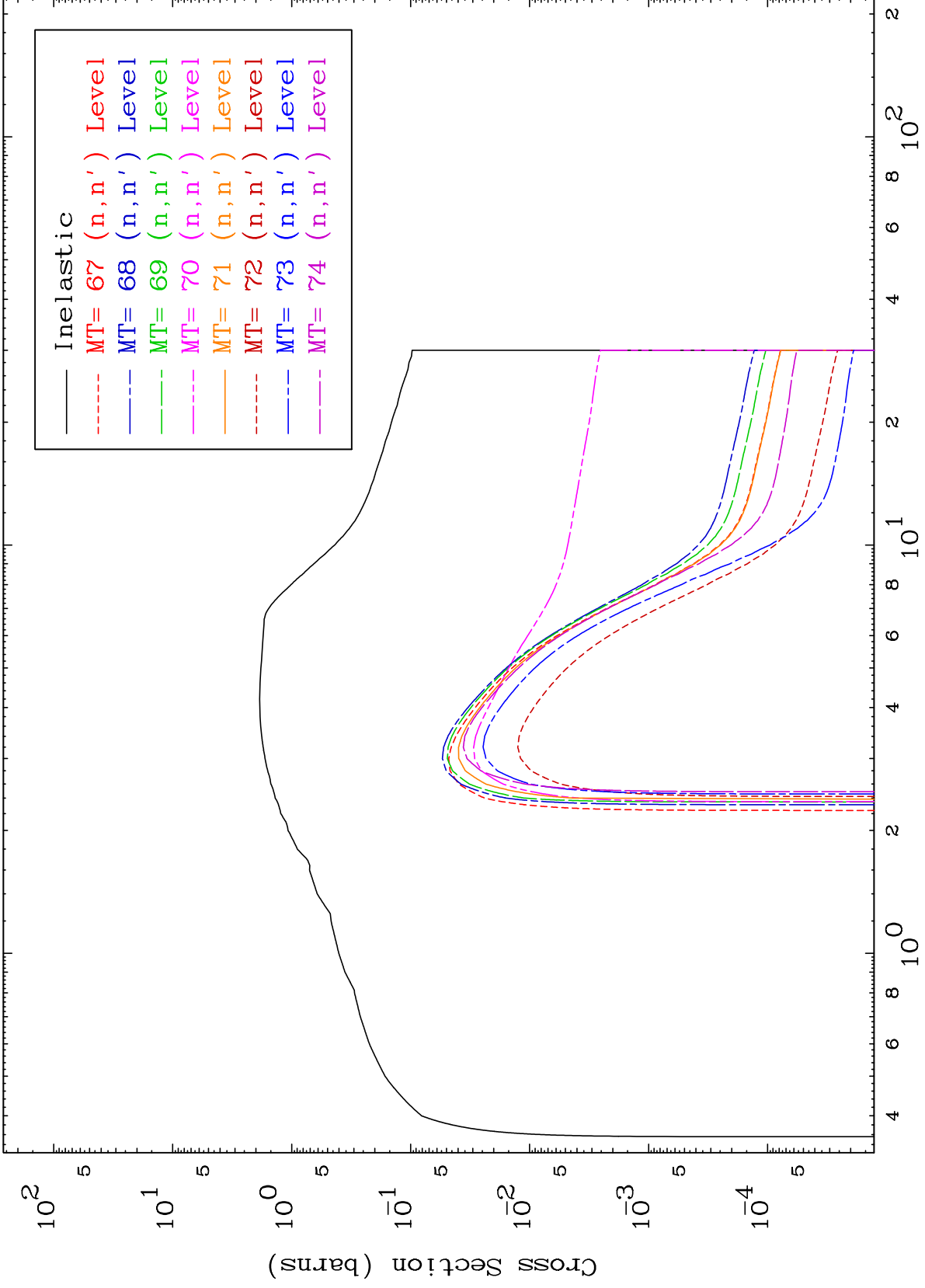


MAT 3161

(n,n') Levels

31-Ga-81

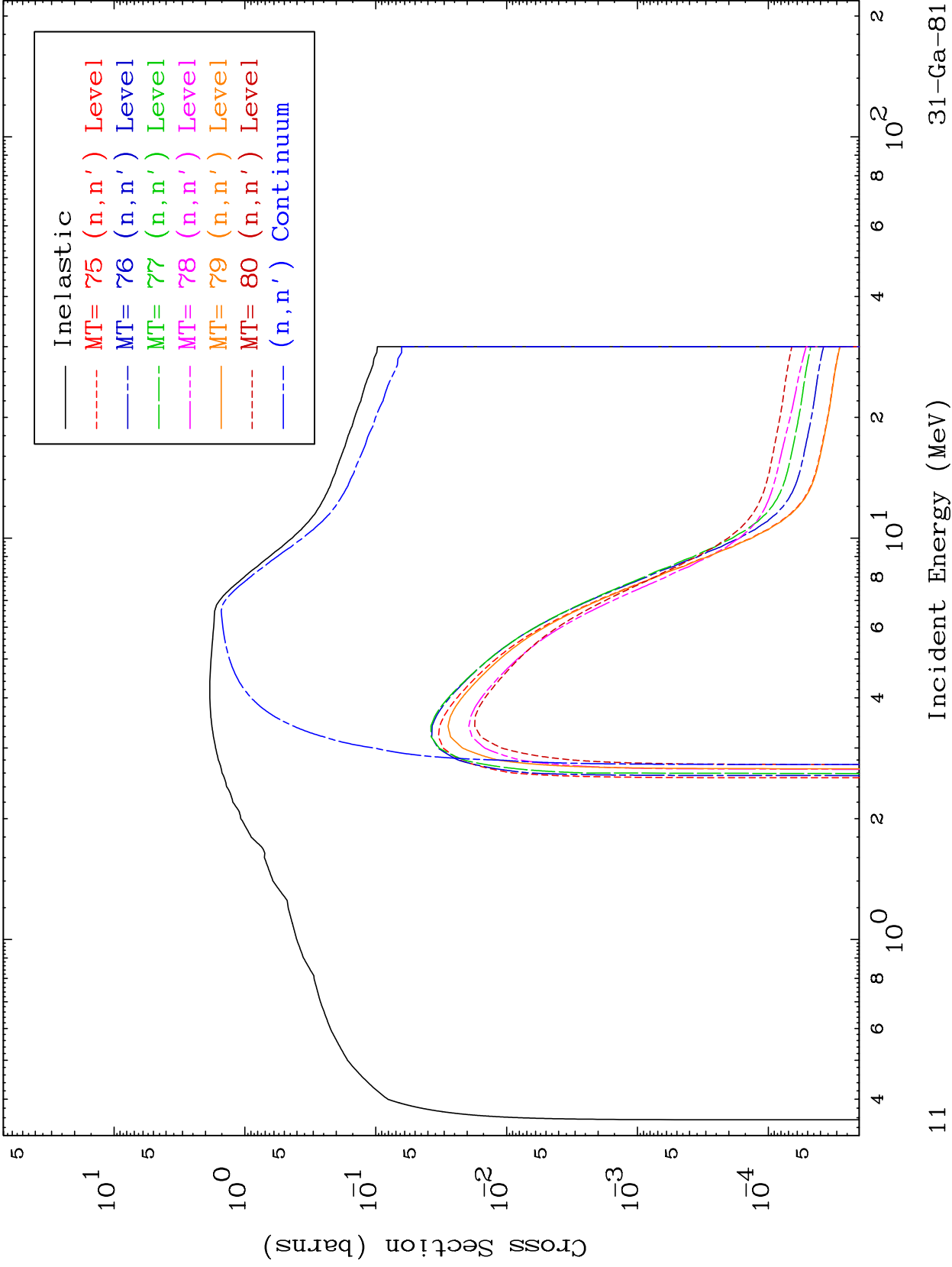
293 Kelvin Cross Sections



10

Incident Energy (MeV)

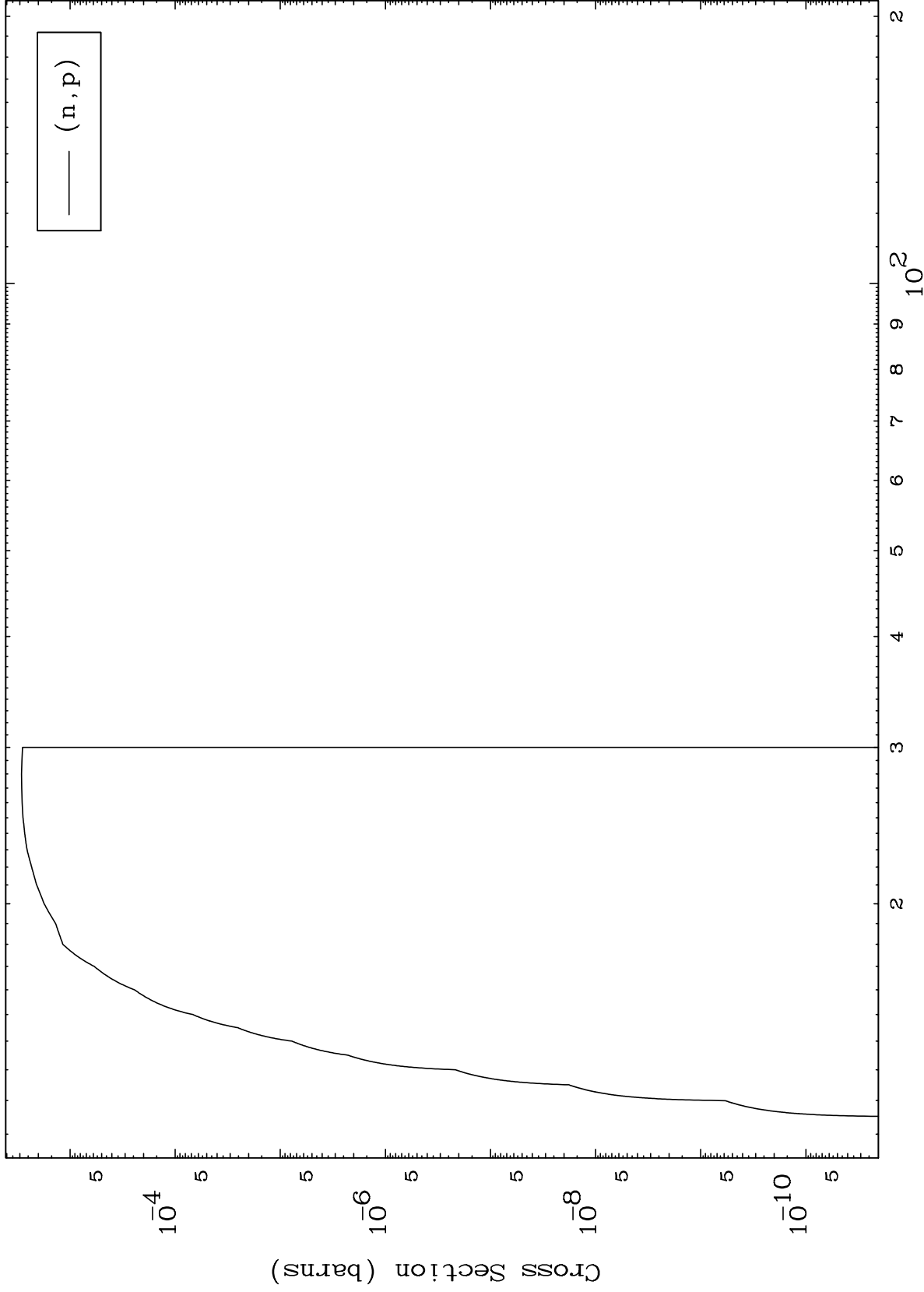
31-Ga-81



MAT 3161

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-81



12

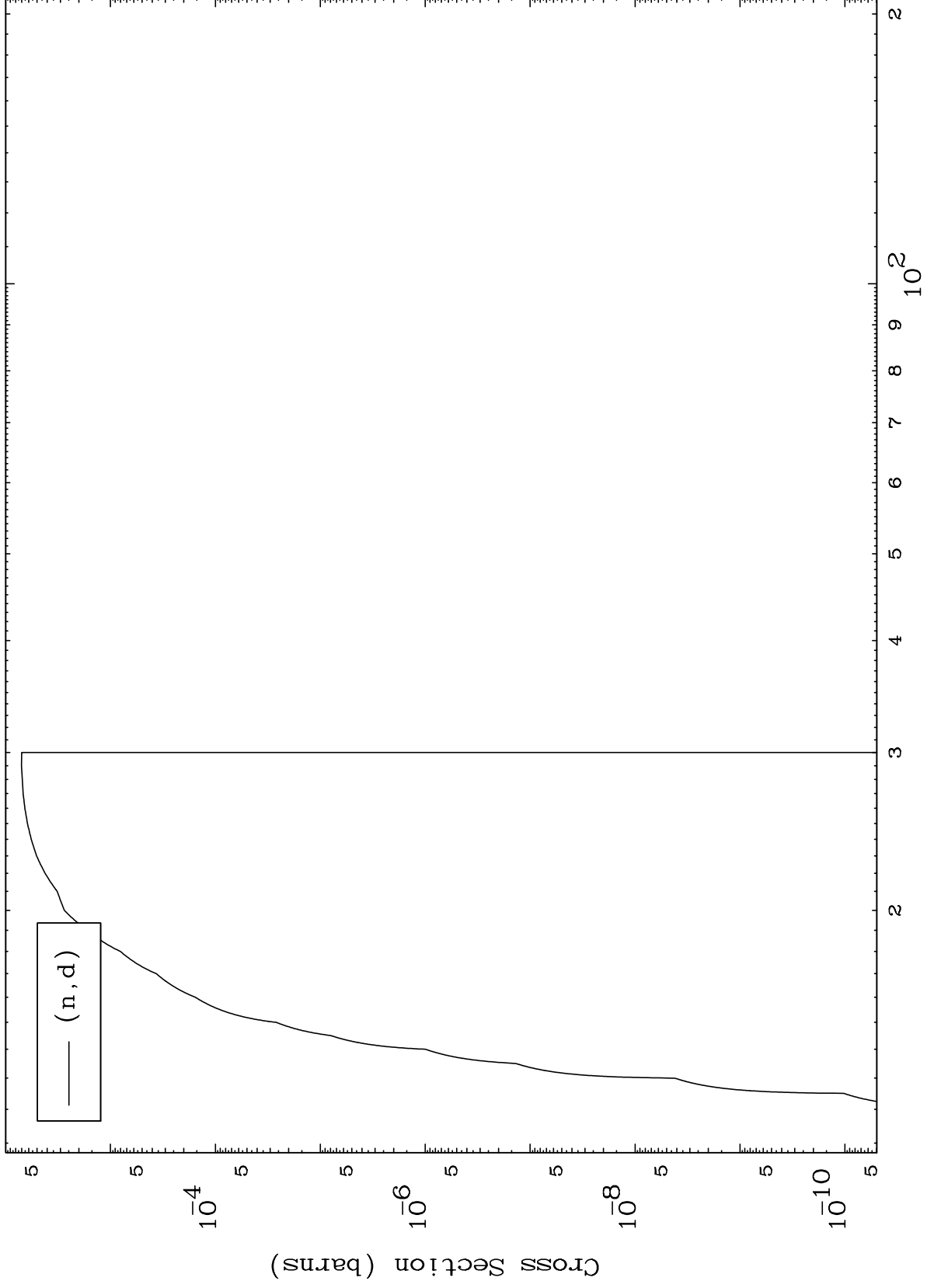
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-81



13

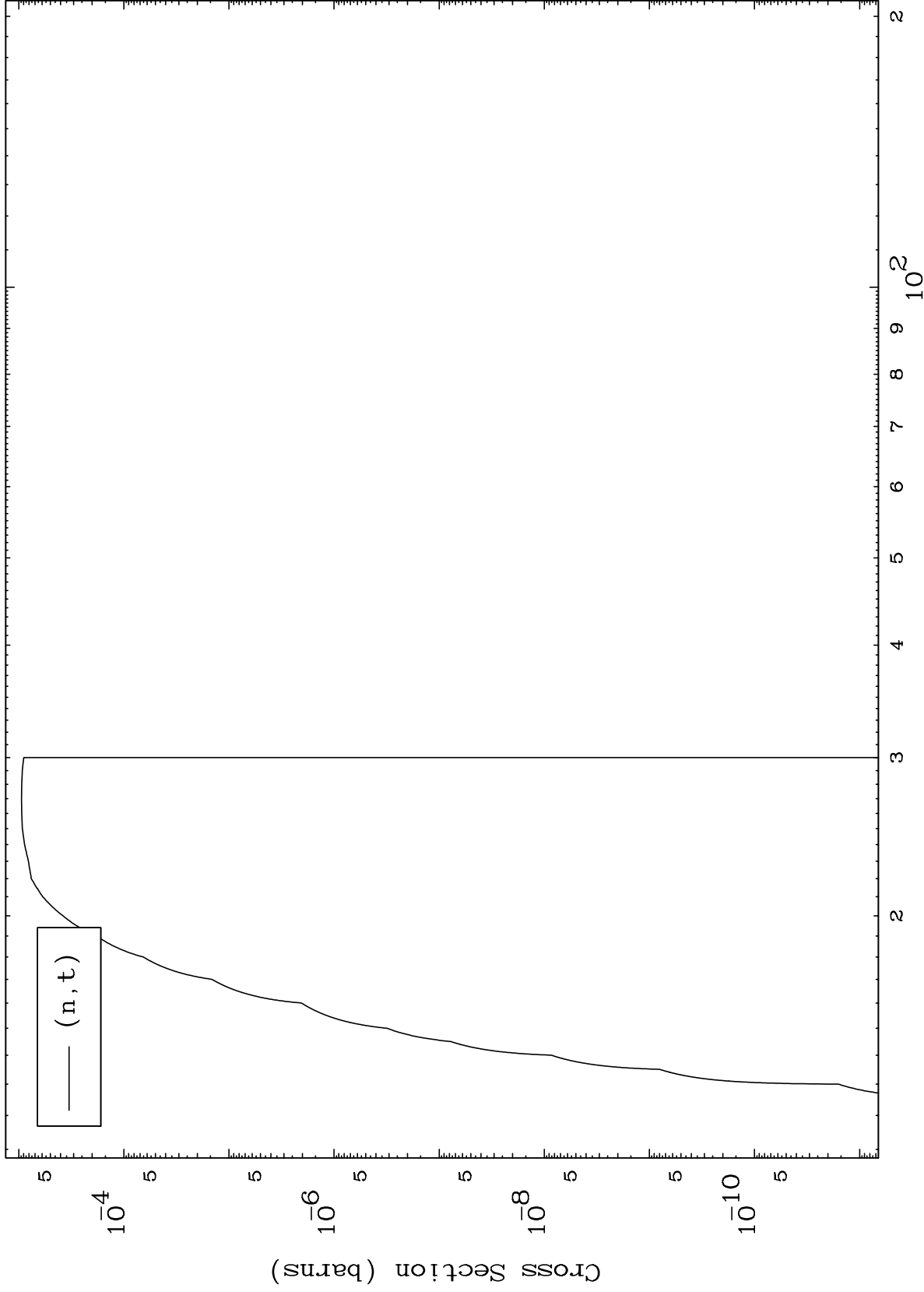
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-81



14

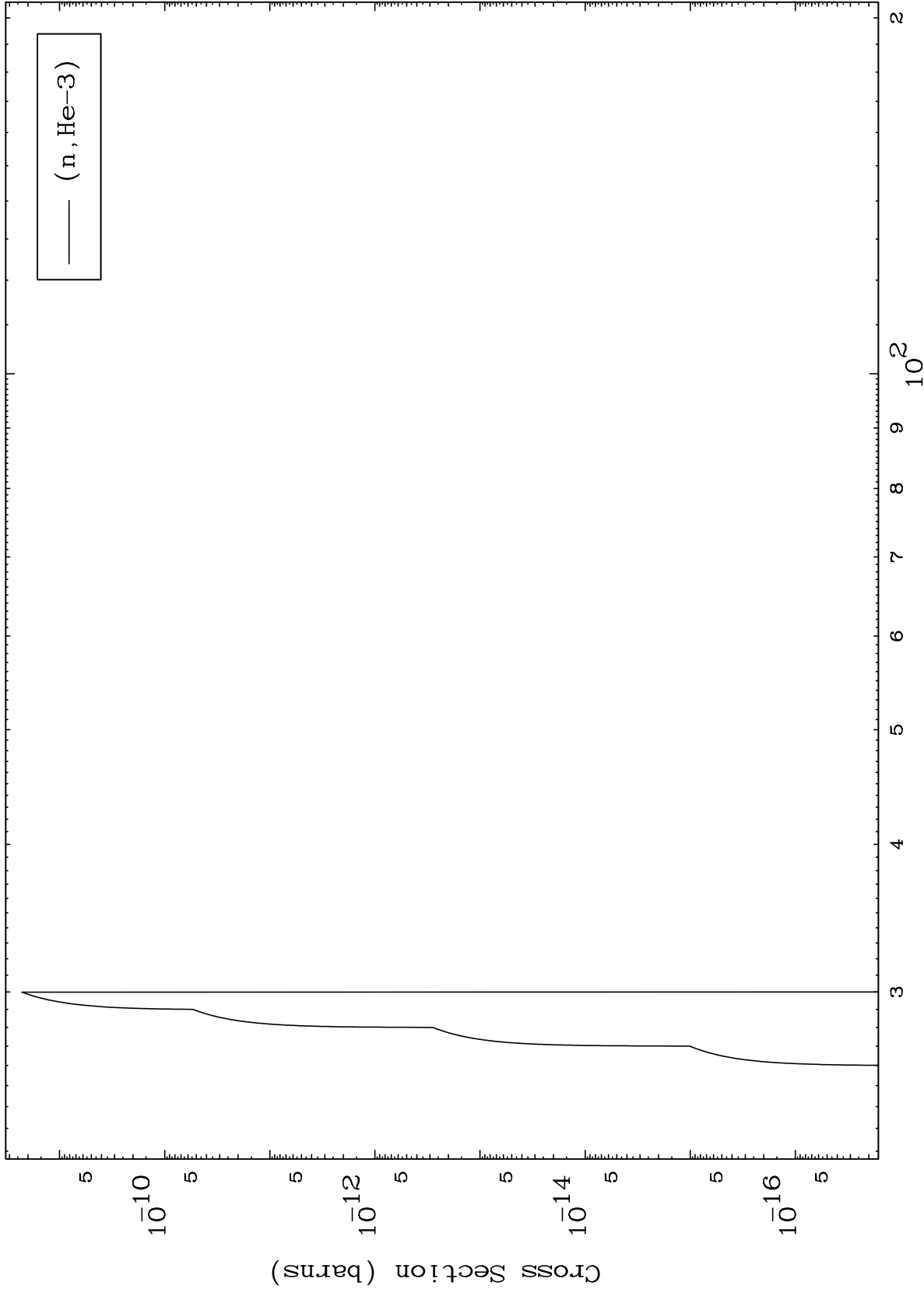
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-81



15

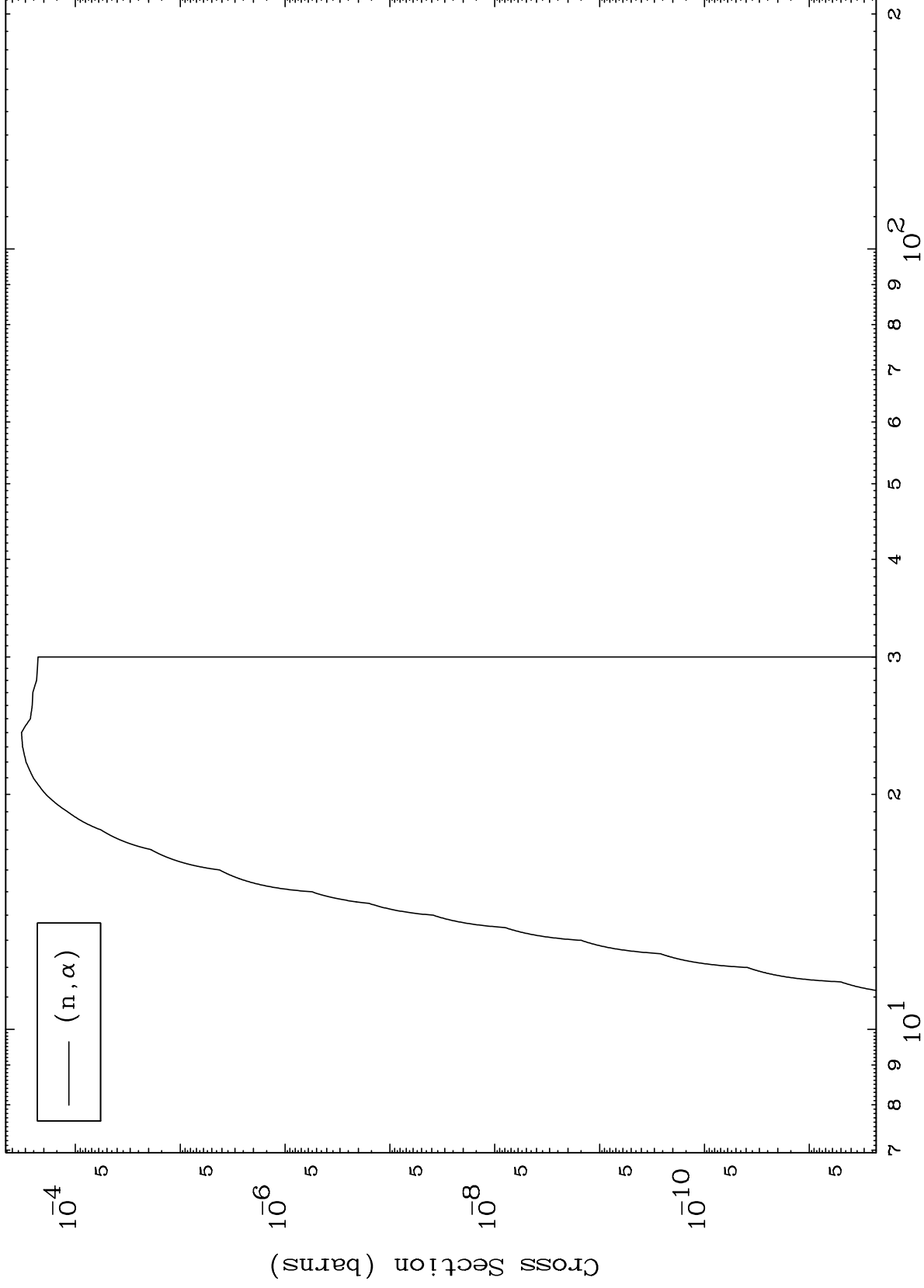
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n, α) Levels
293 Kelvin Cross Sections

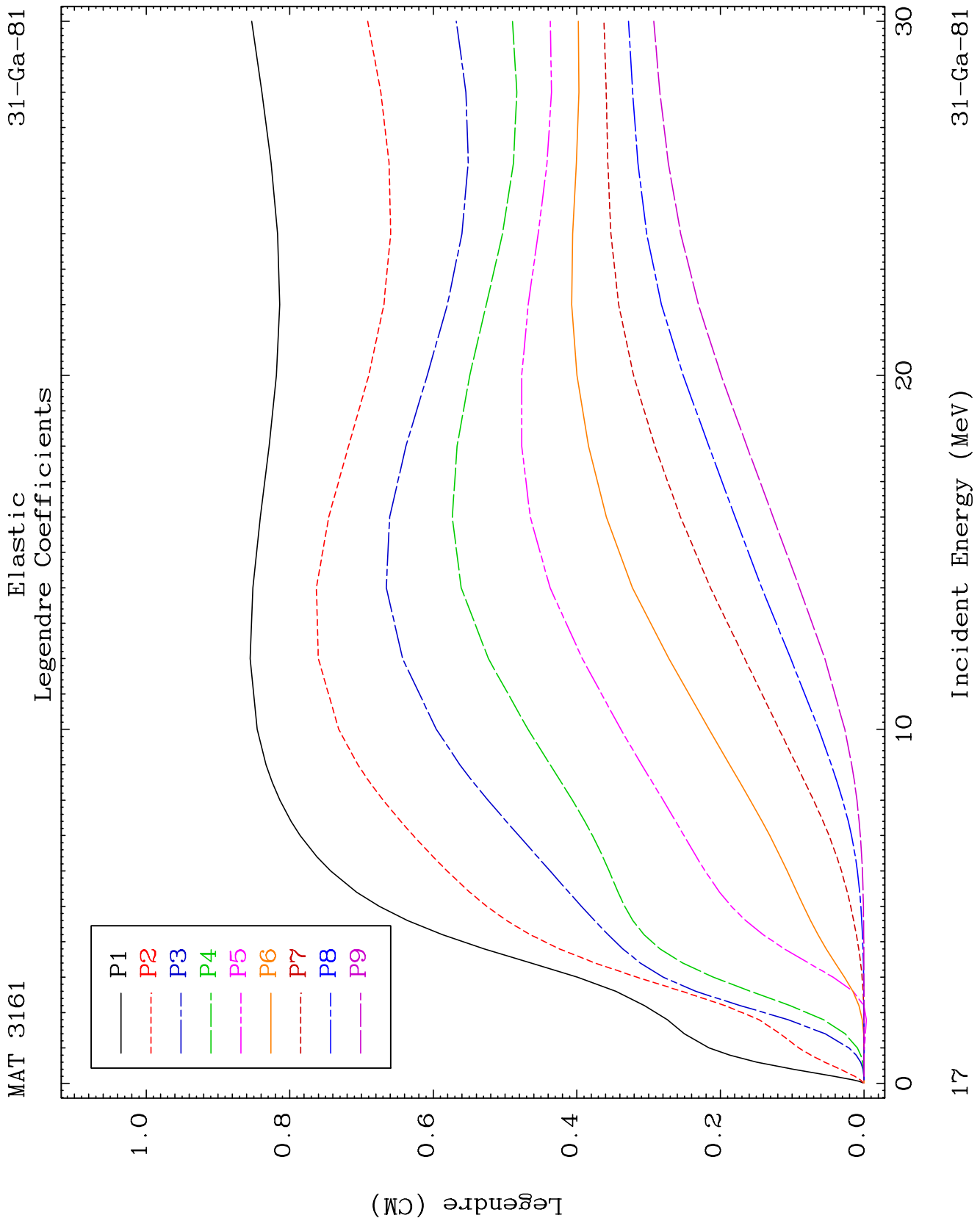
31-Ga-81



16

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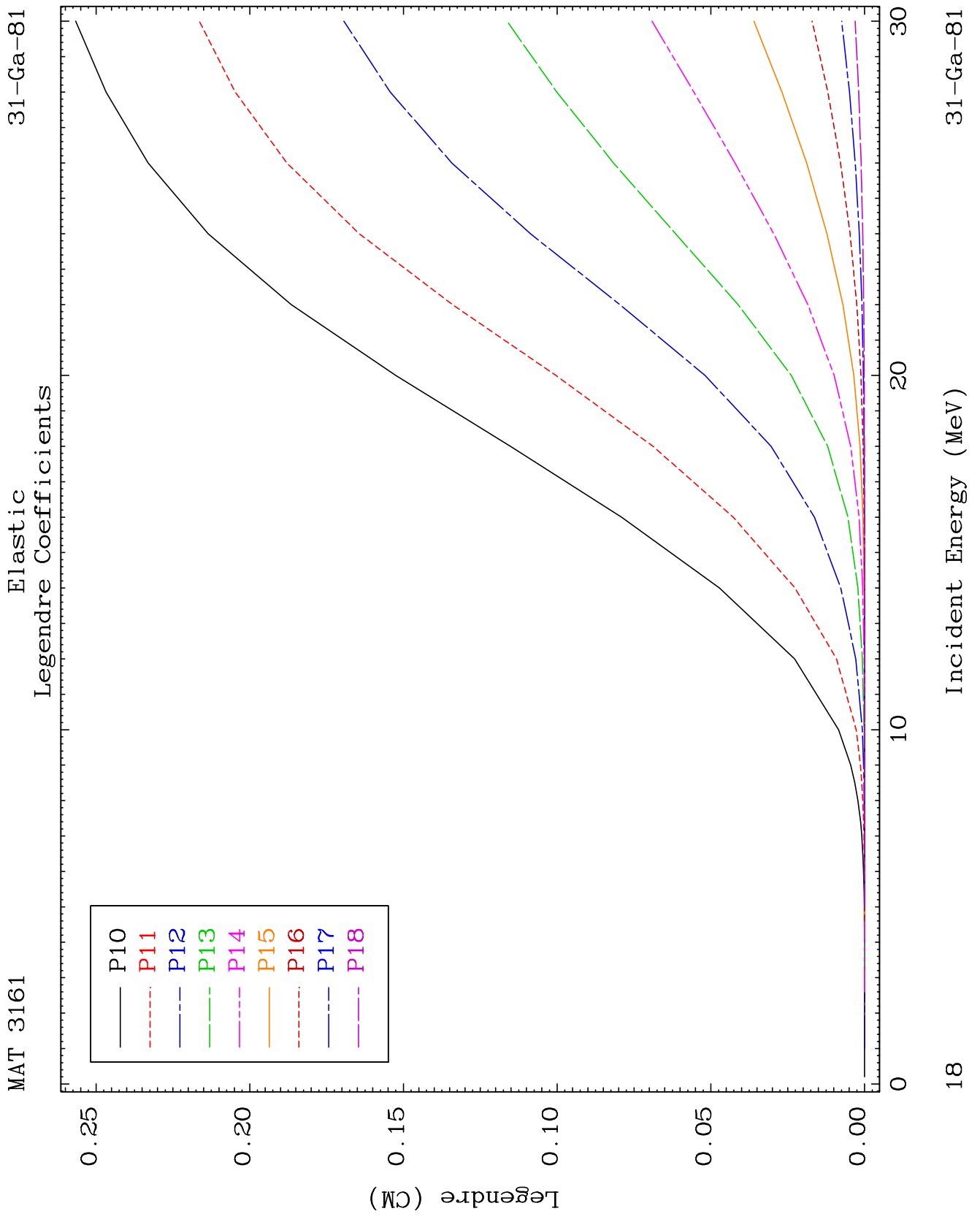
31-Ga-81



31-Ga-81

Incident Energy (MeV)

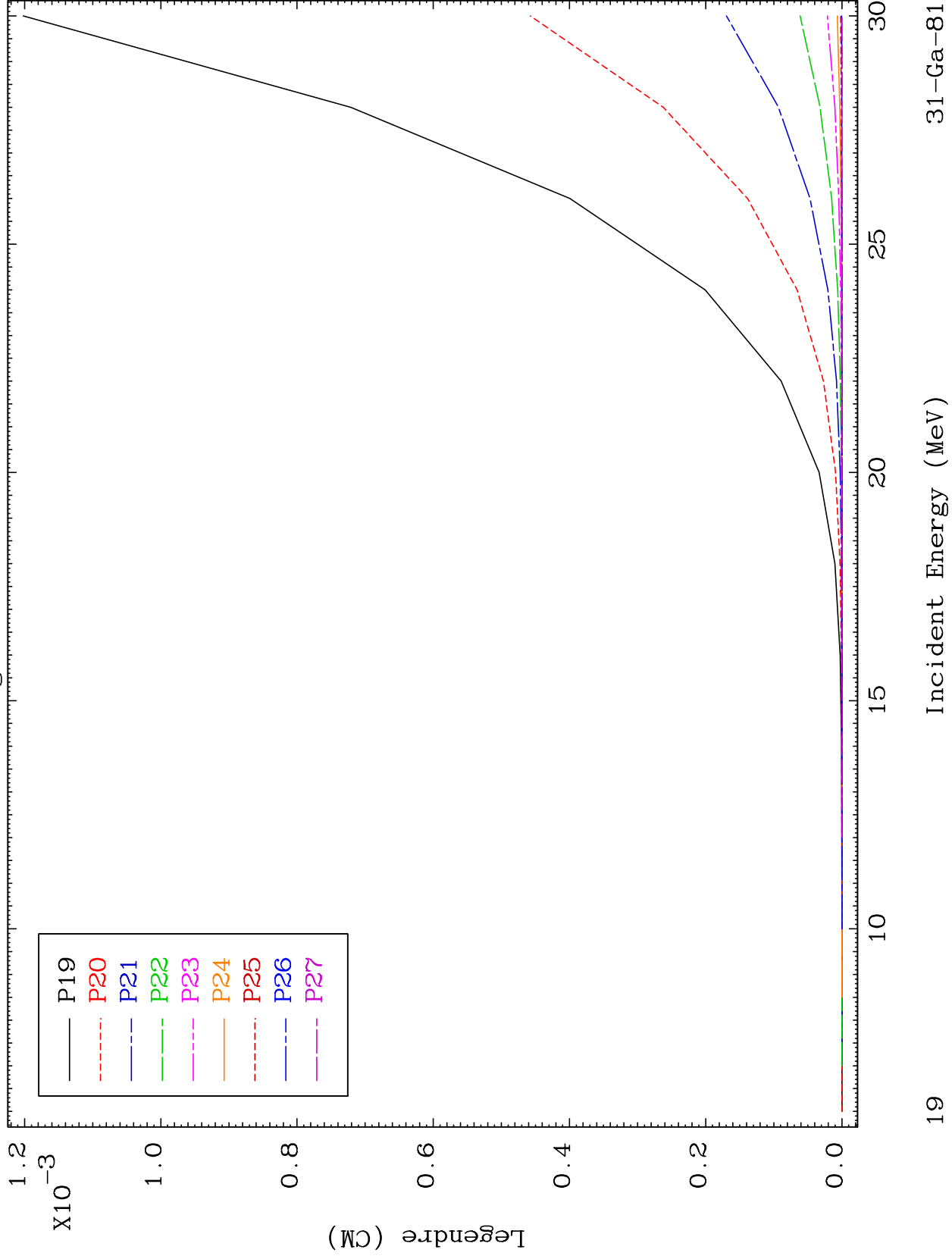
17



MAT 3161

Elastic
Legendre Coefficients

31-Ga-81



19

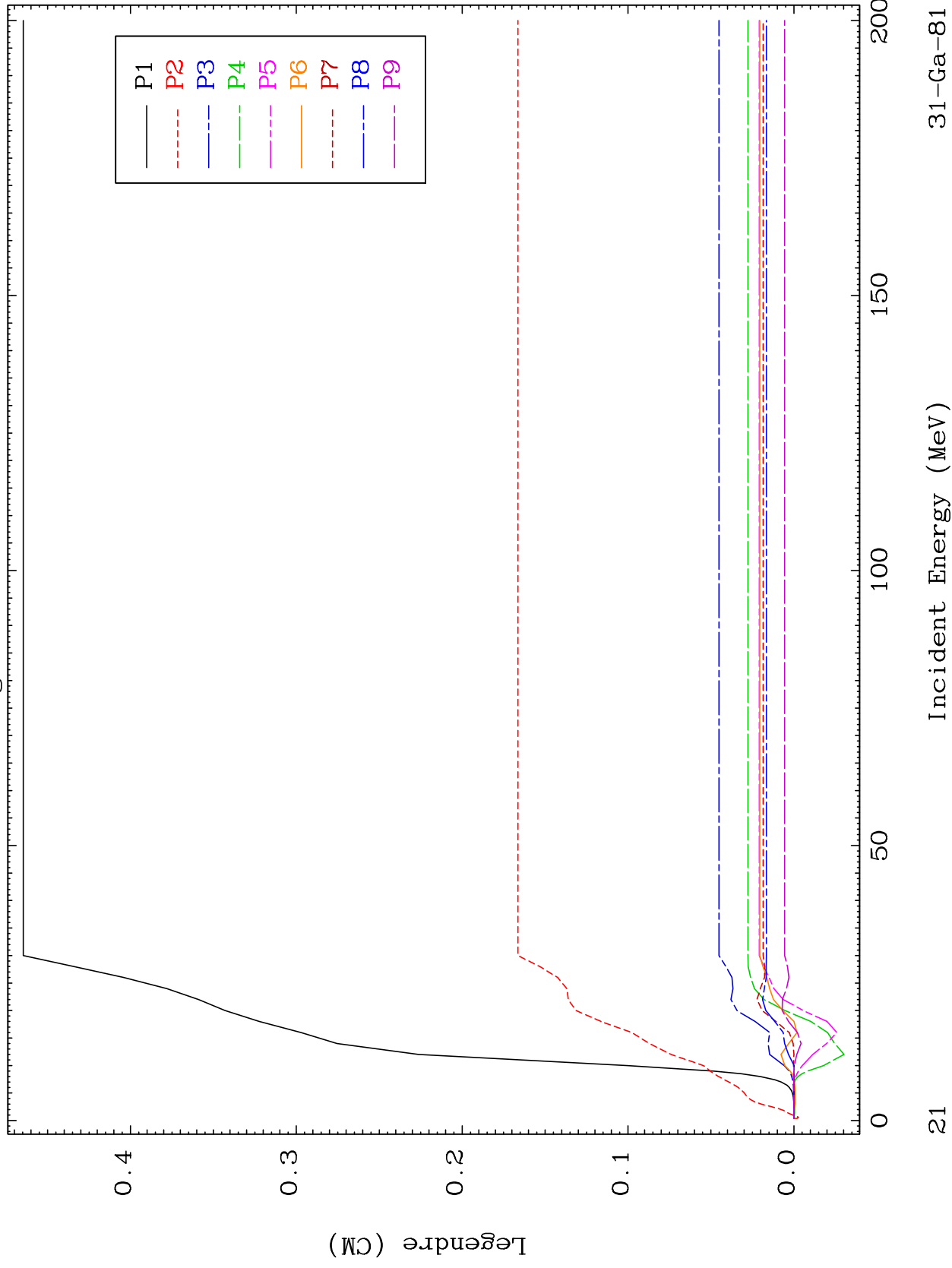
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

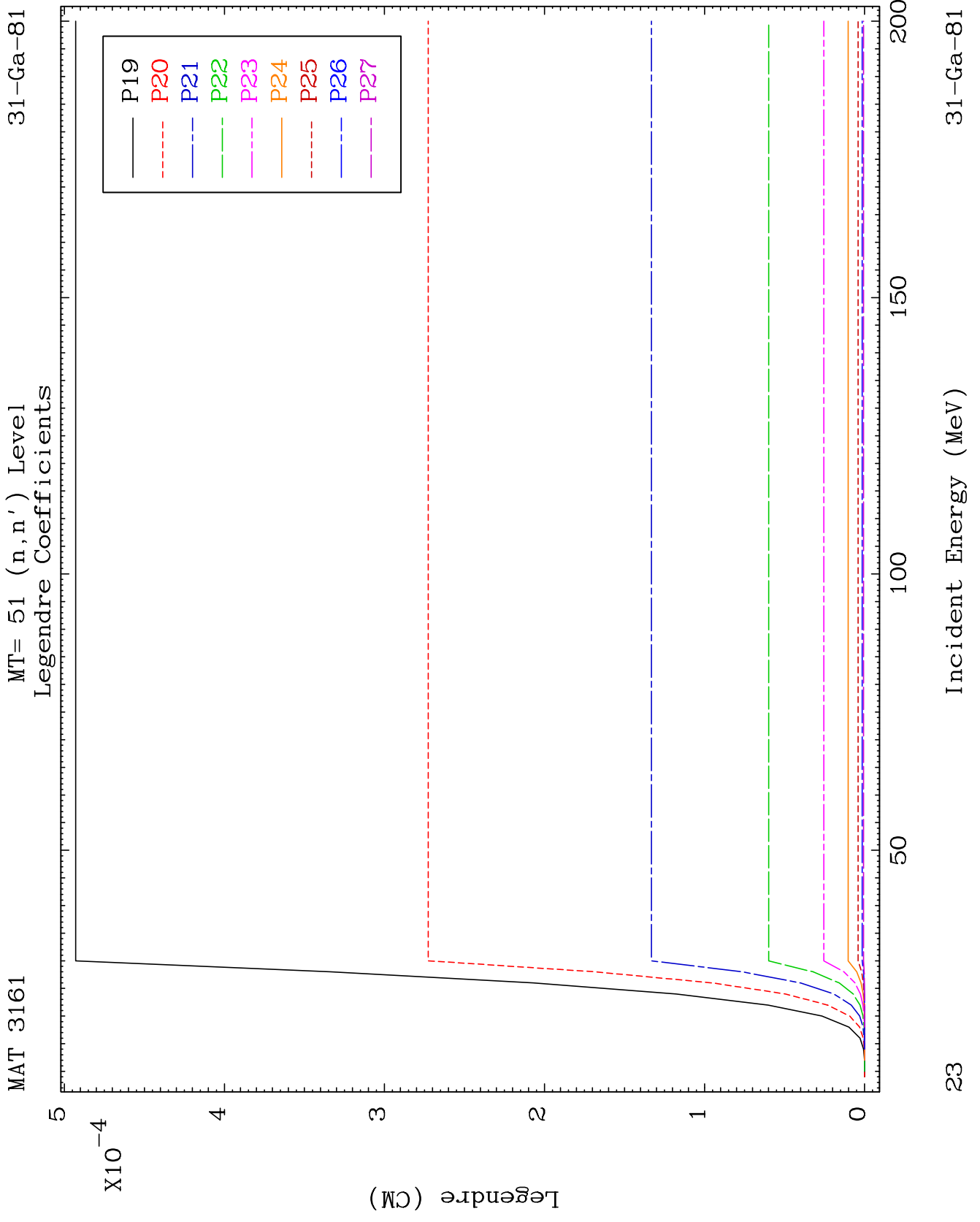
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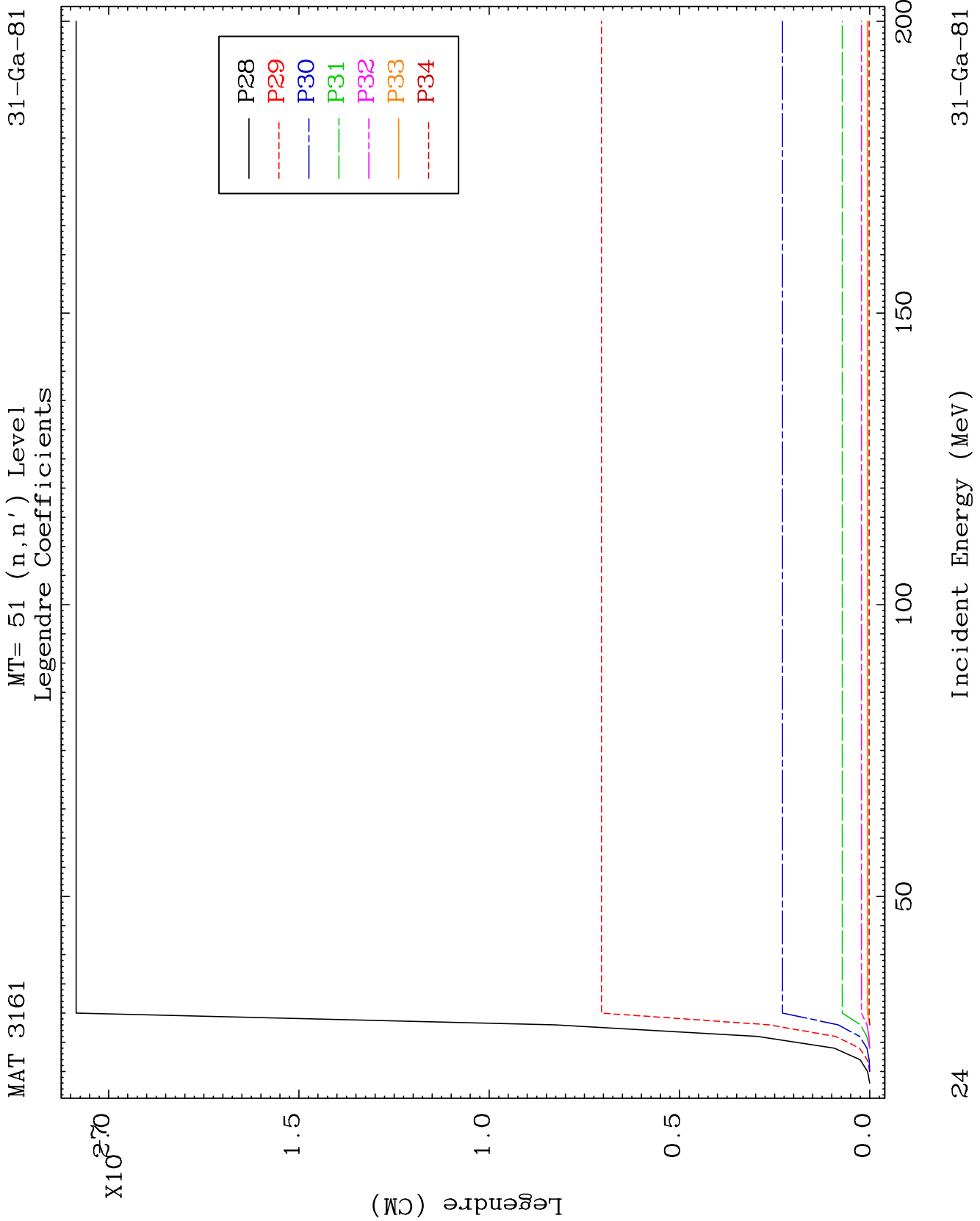


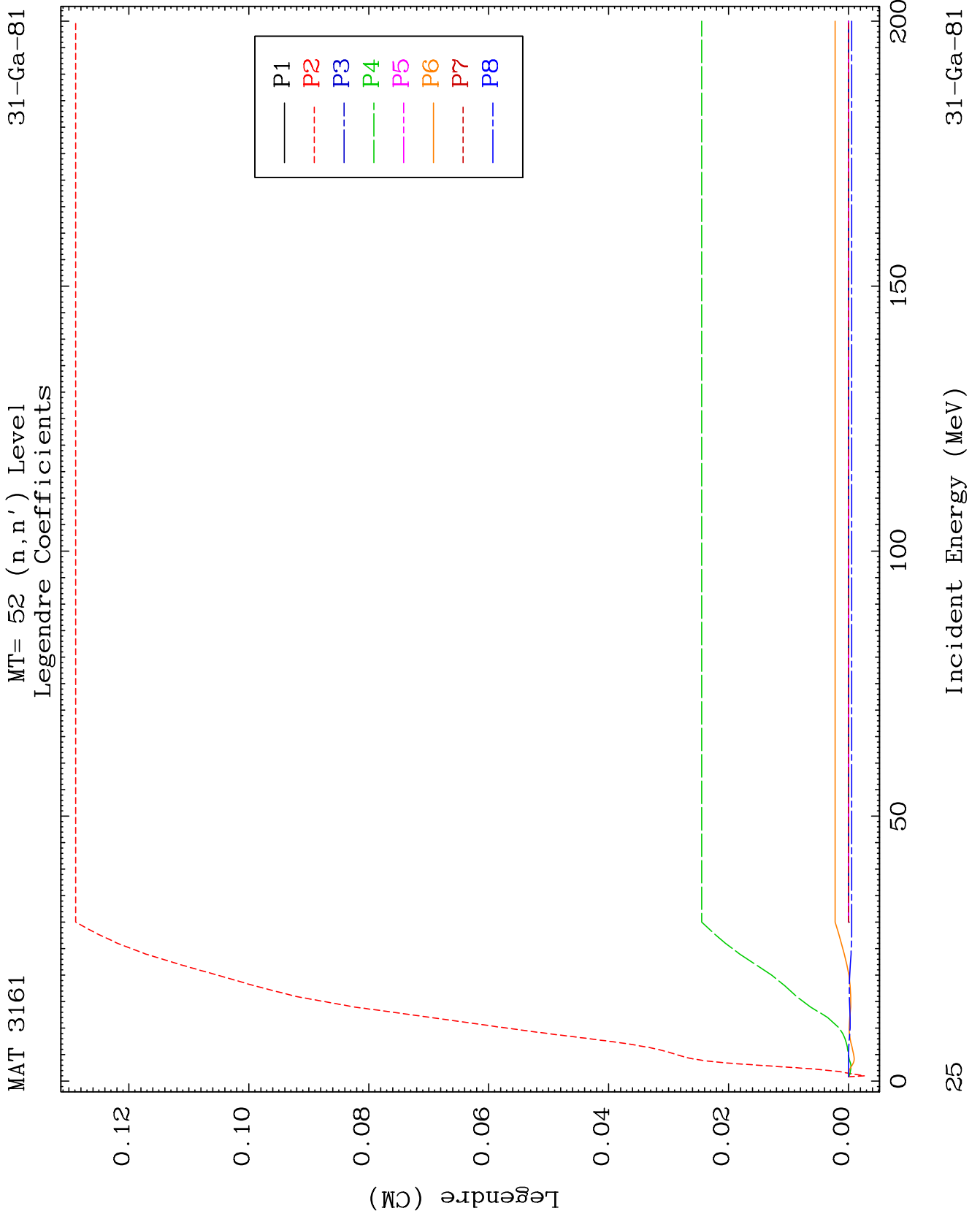
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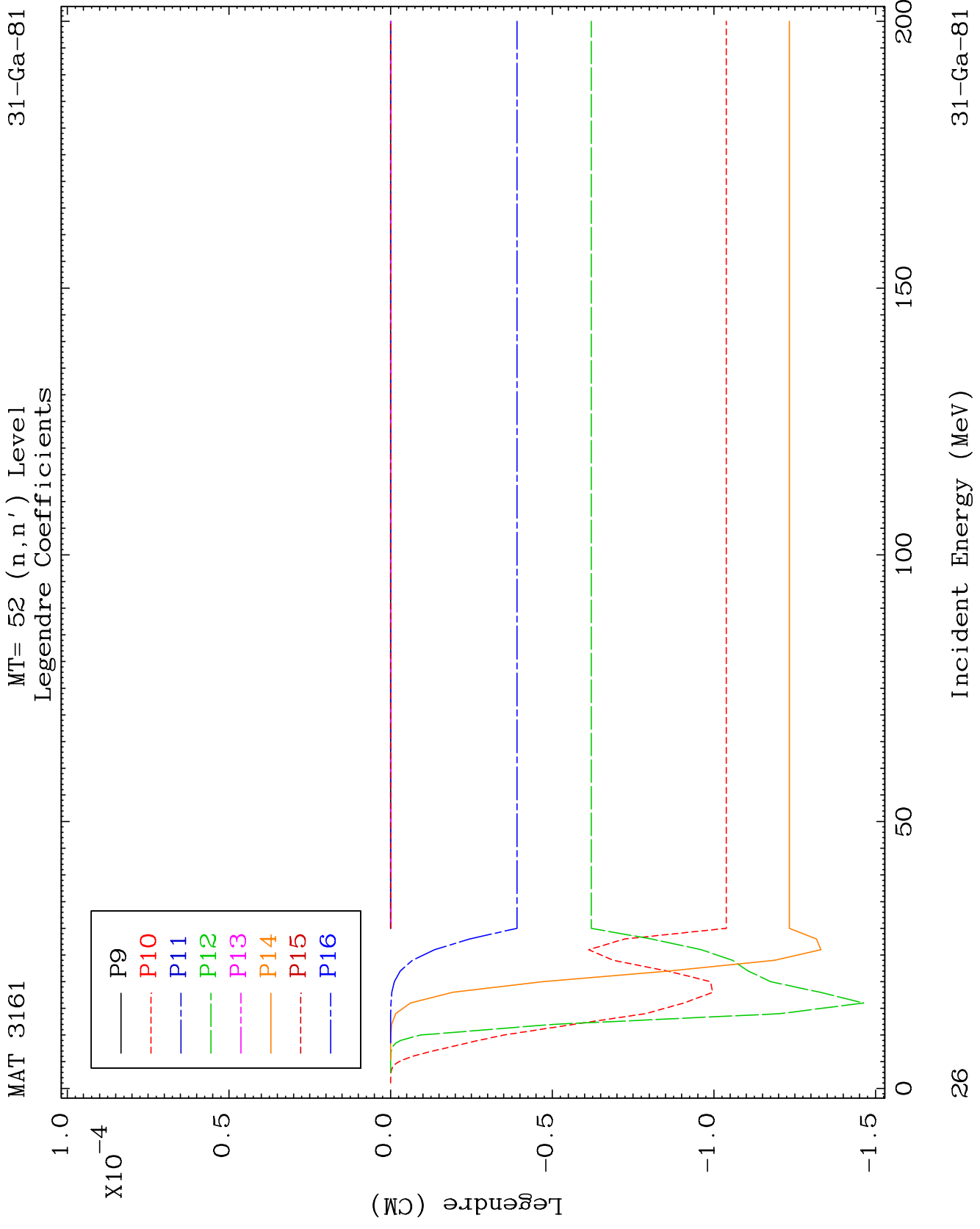
Incident Energy (MeV)

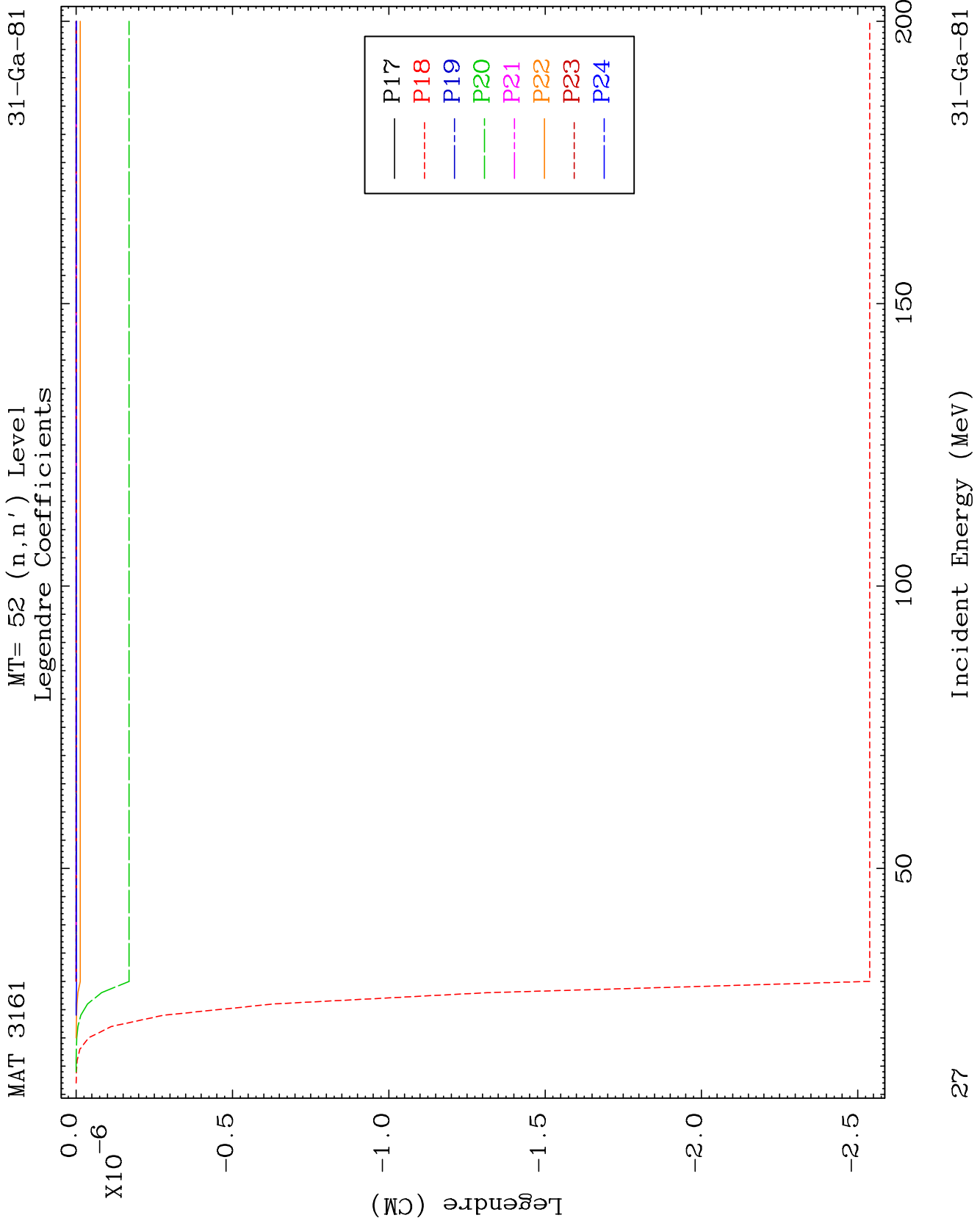
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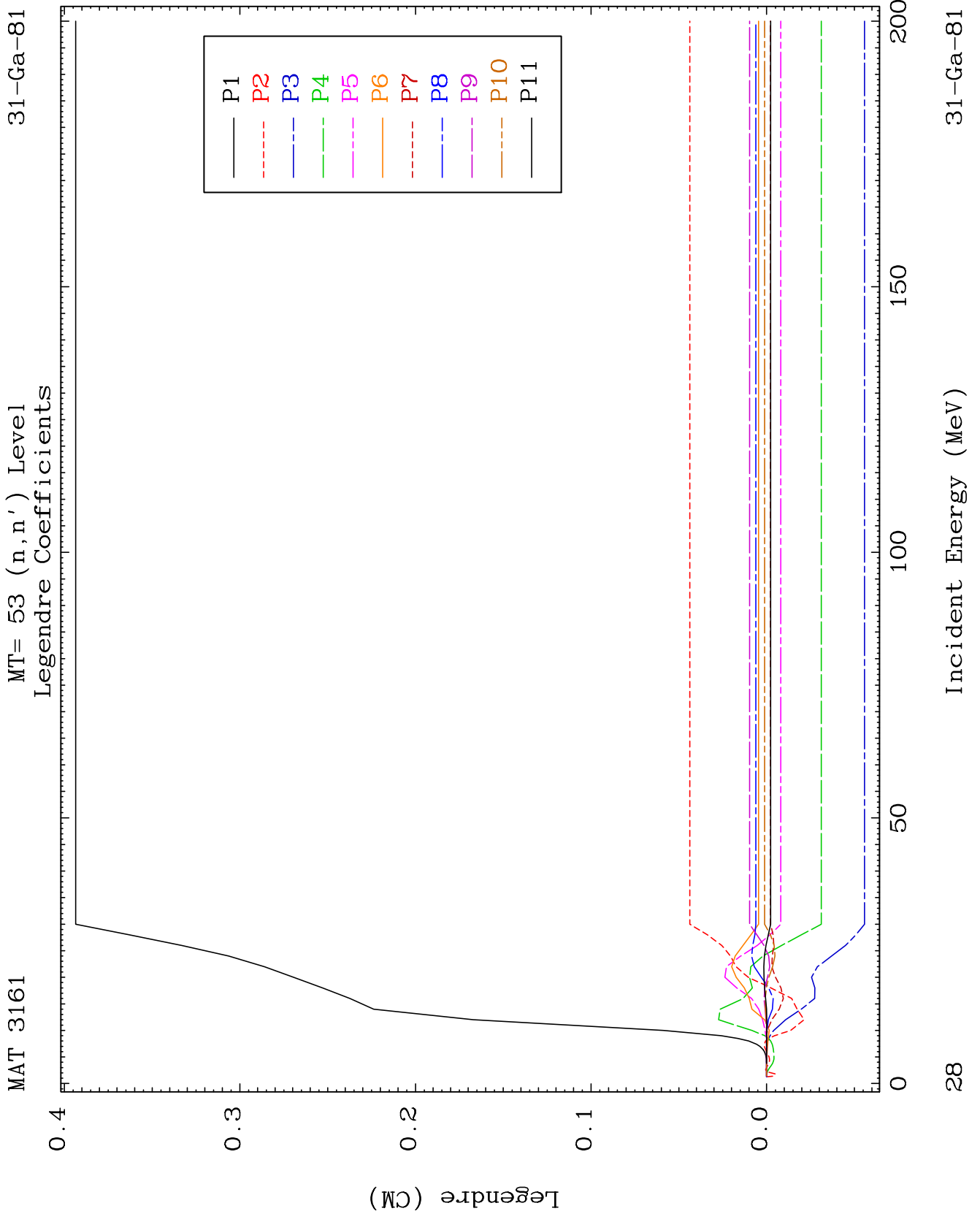


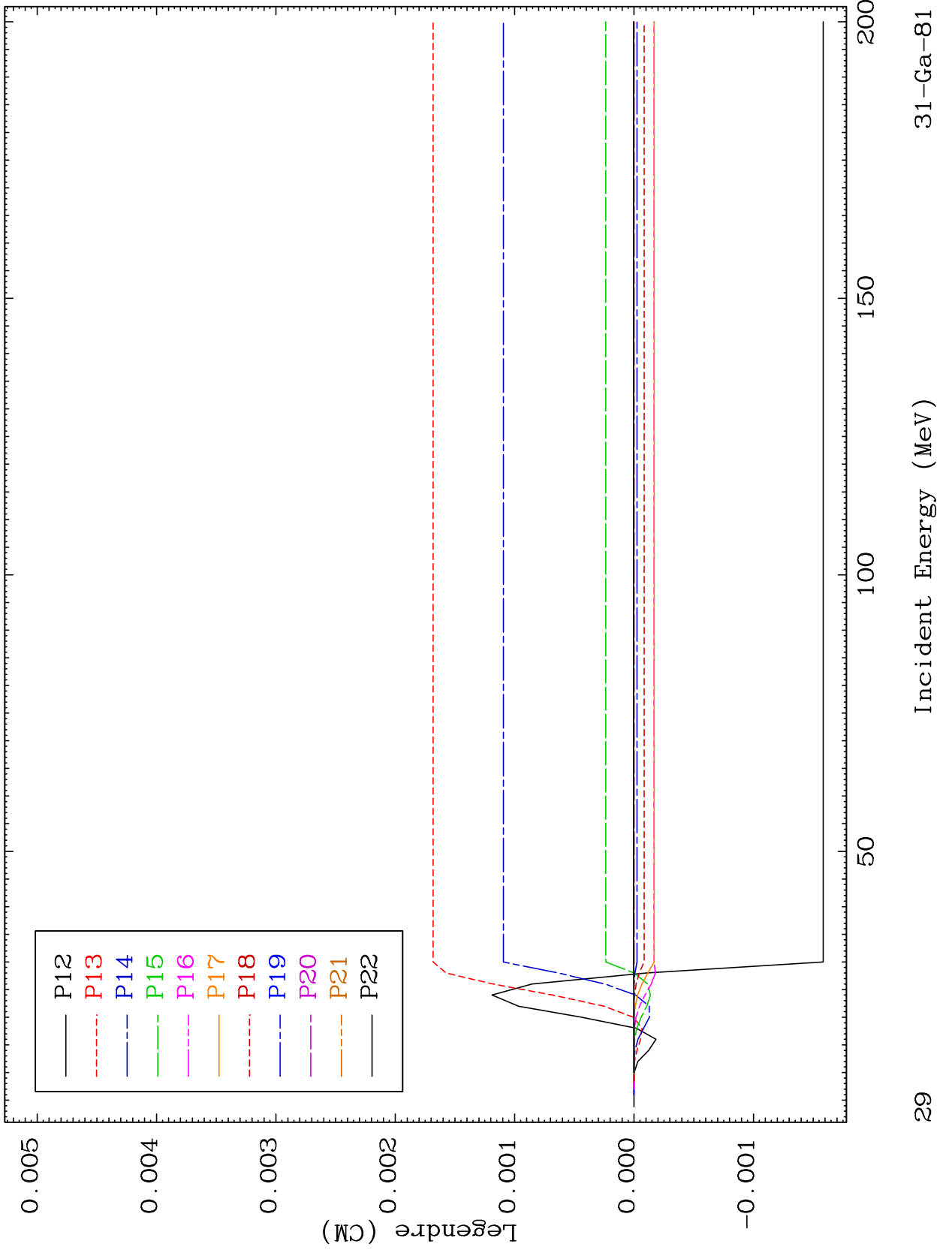








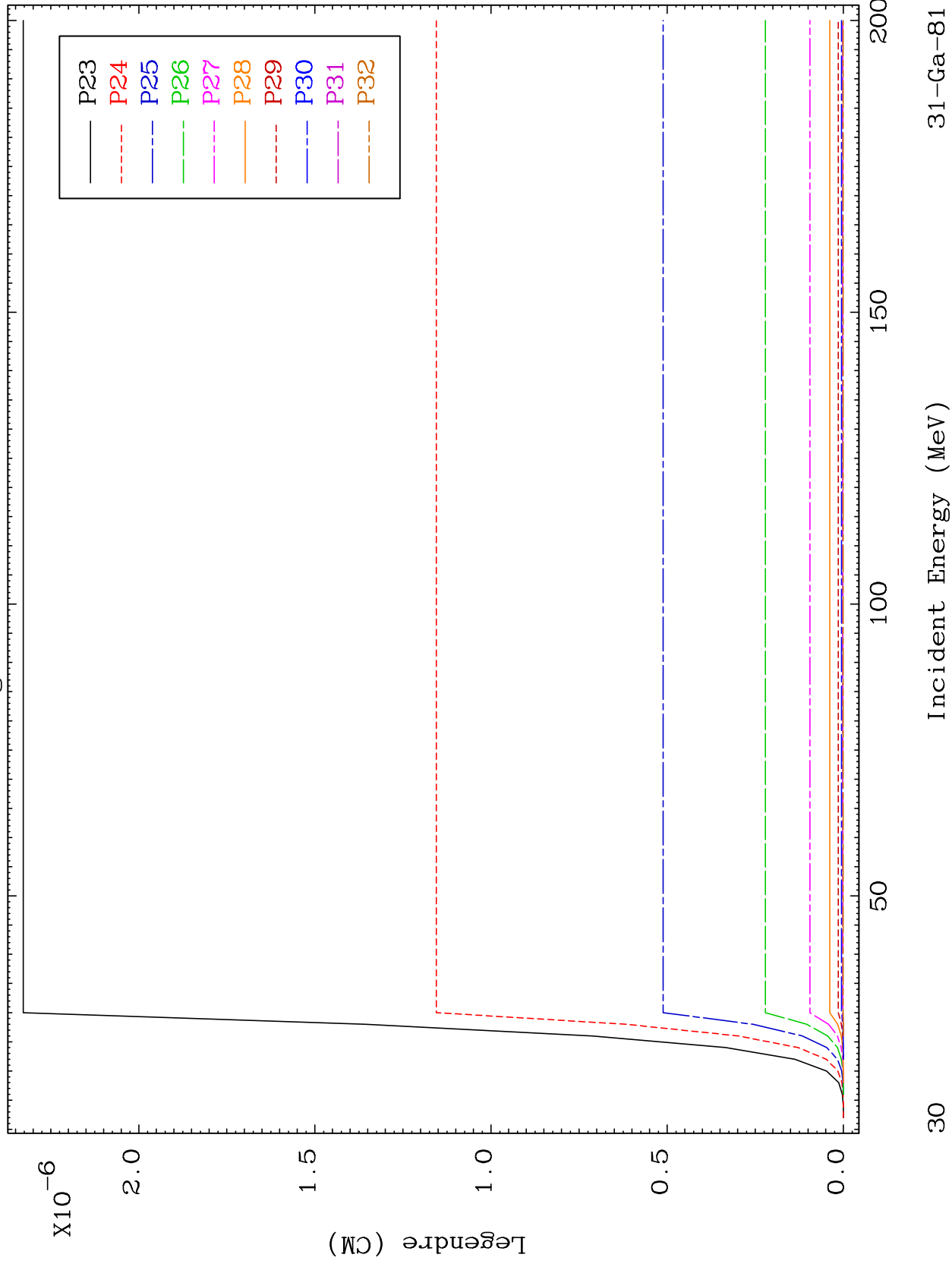




MAT 3161

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

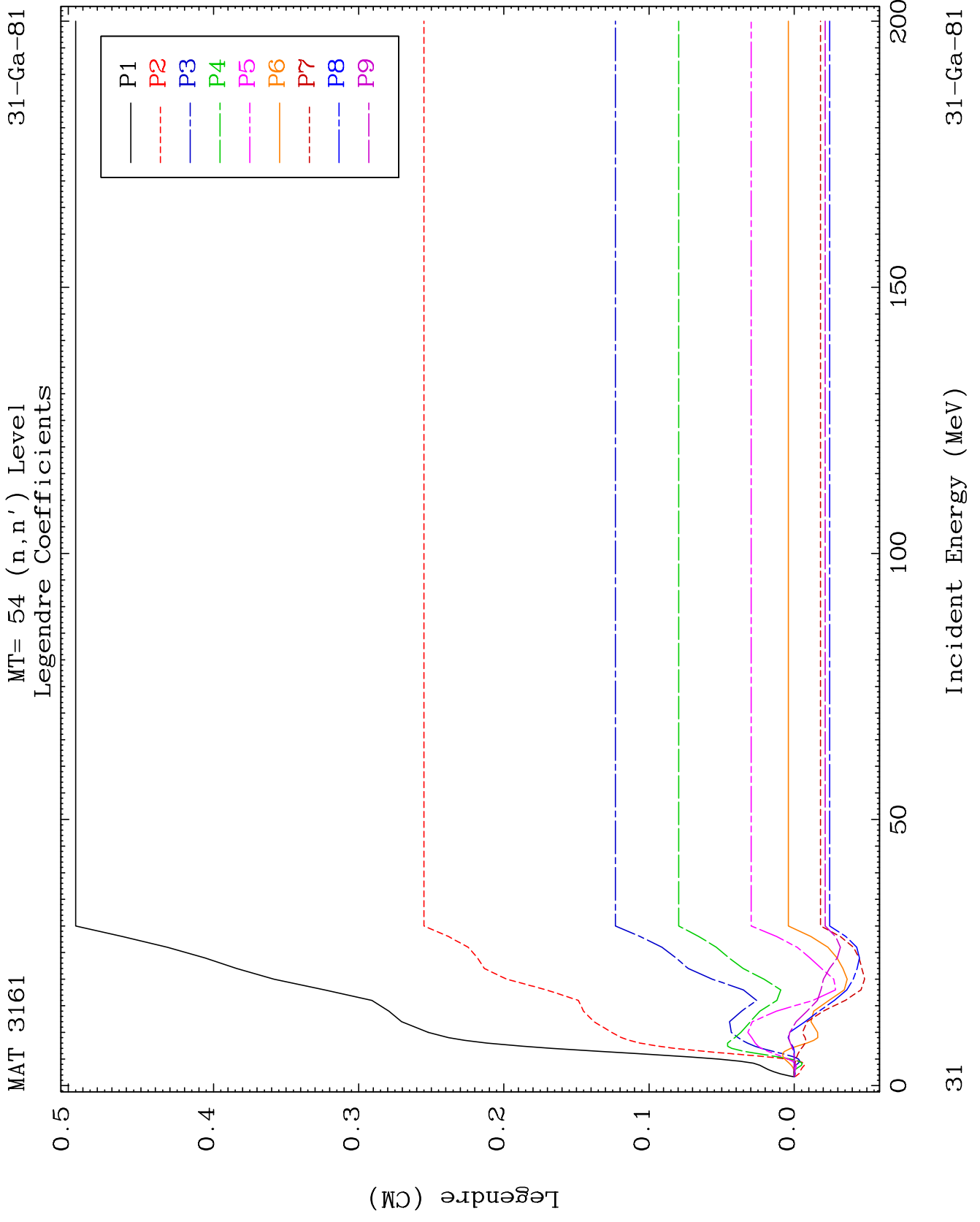
31-Ga-81

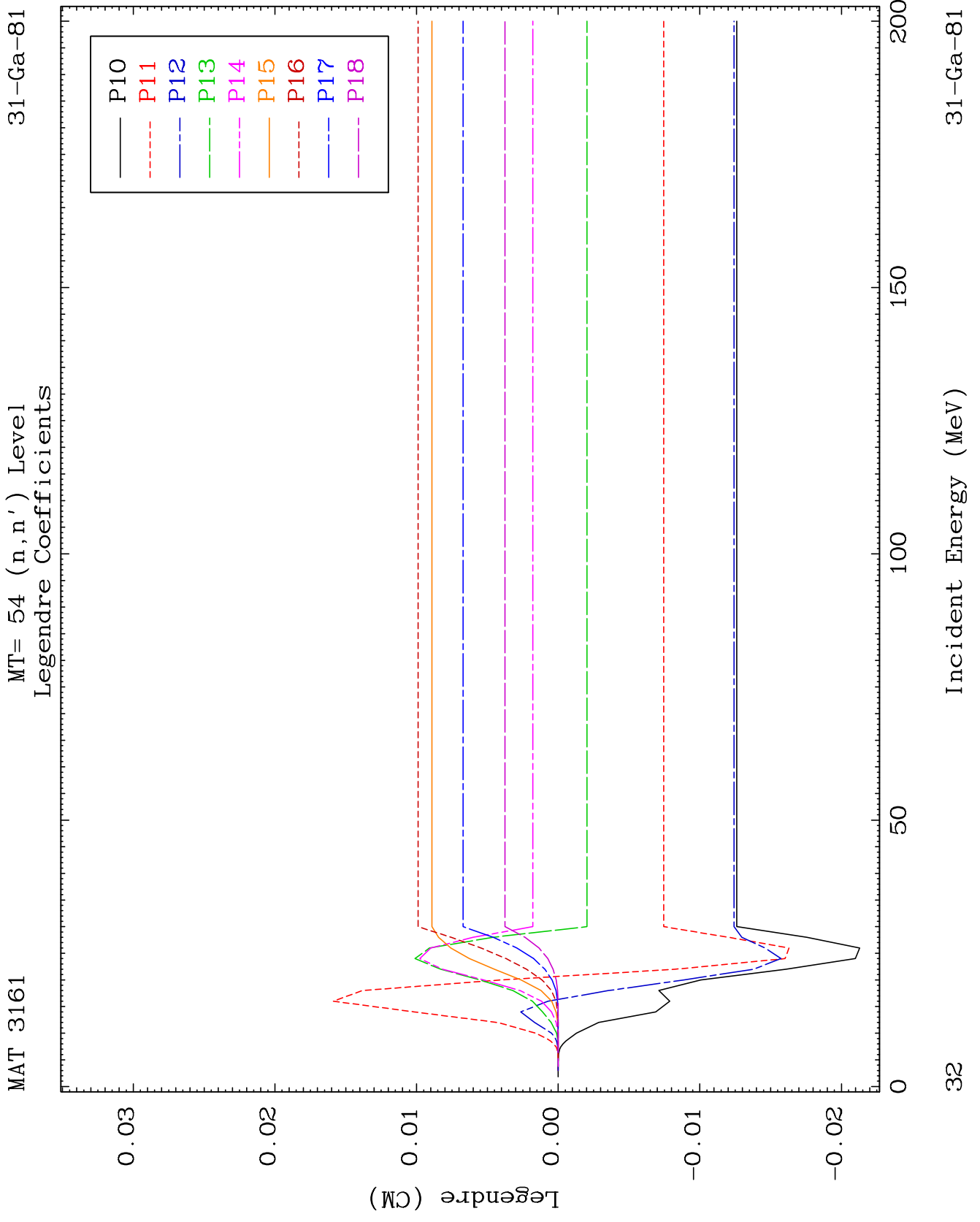


31-Ga-81

Incident Energy (MeV)

30

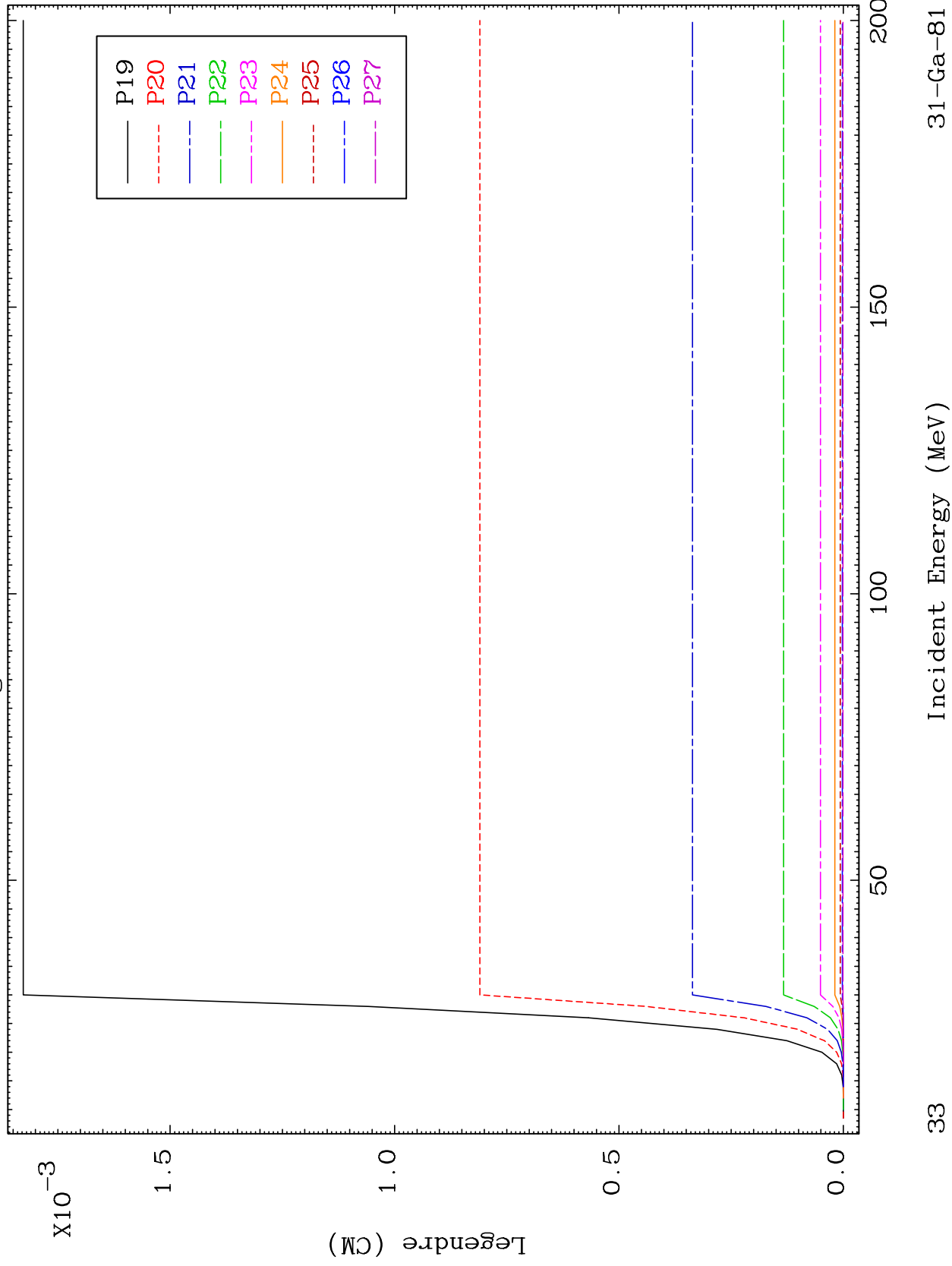




MAT 3161

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

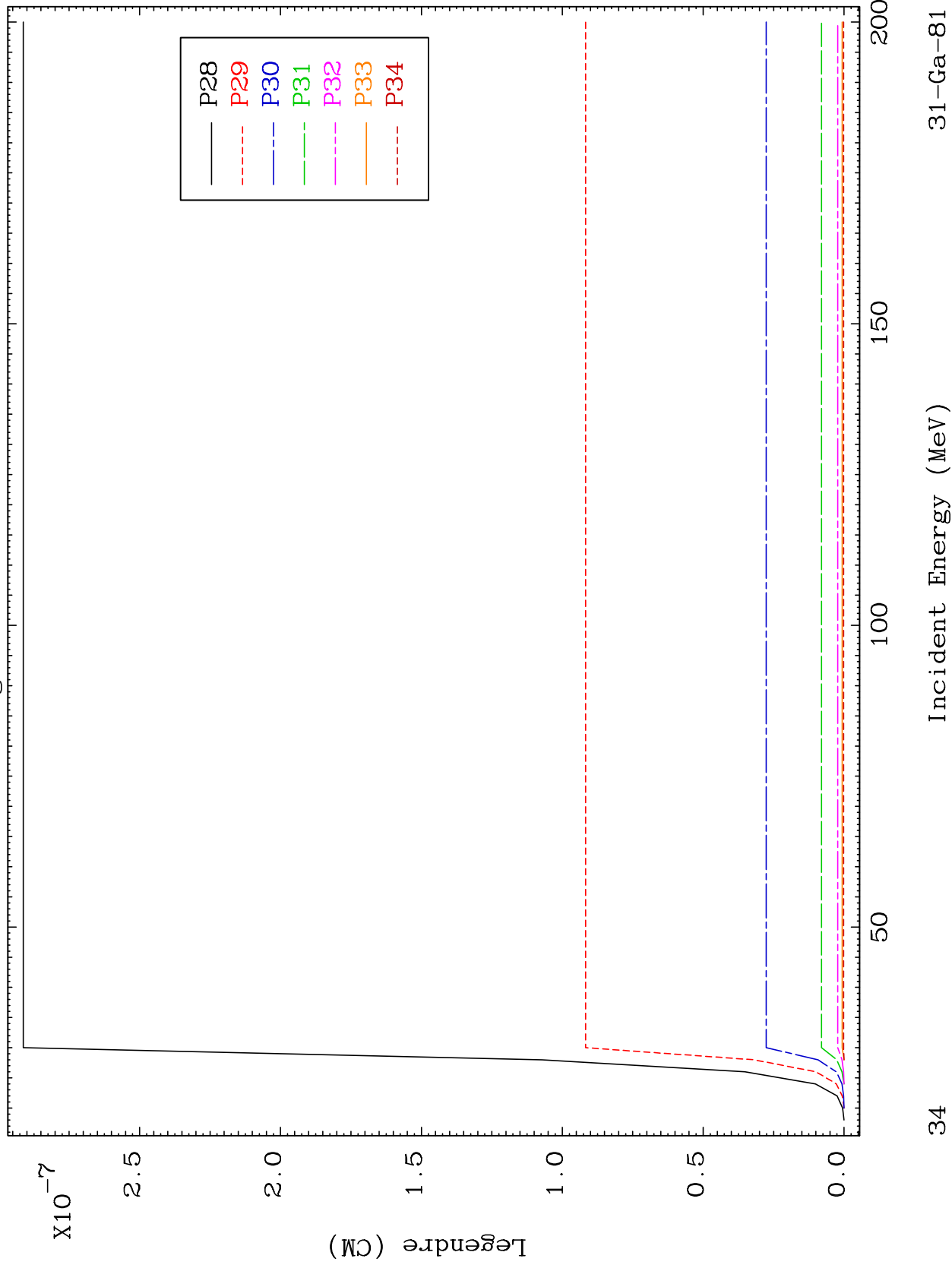
31-Ga-81



MAT 3161

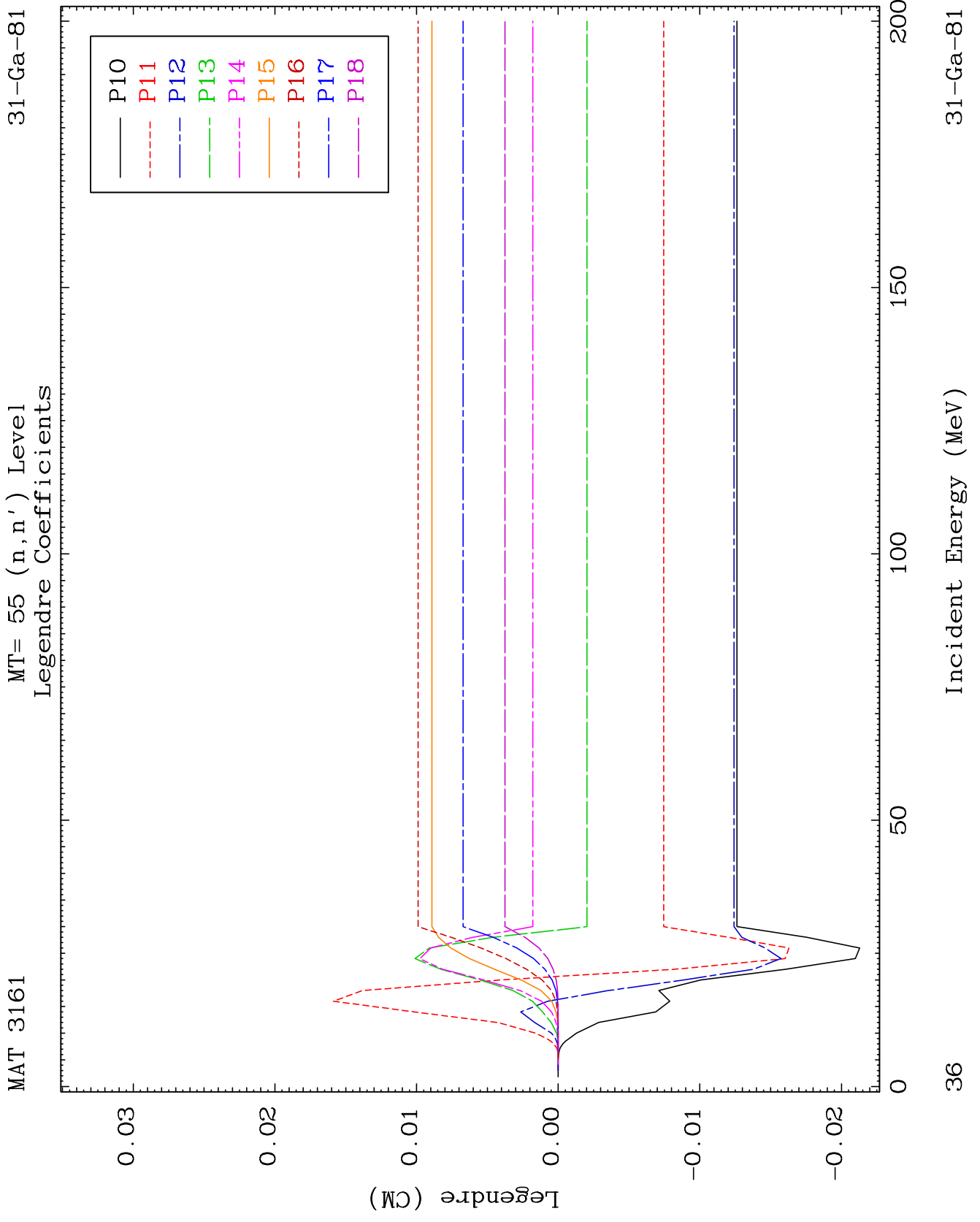
MT= 54 (n,n') Level
Legendre Coefficients

31-Ga-81



34

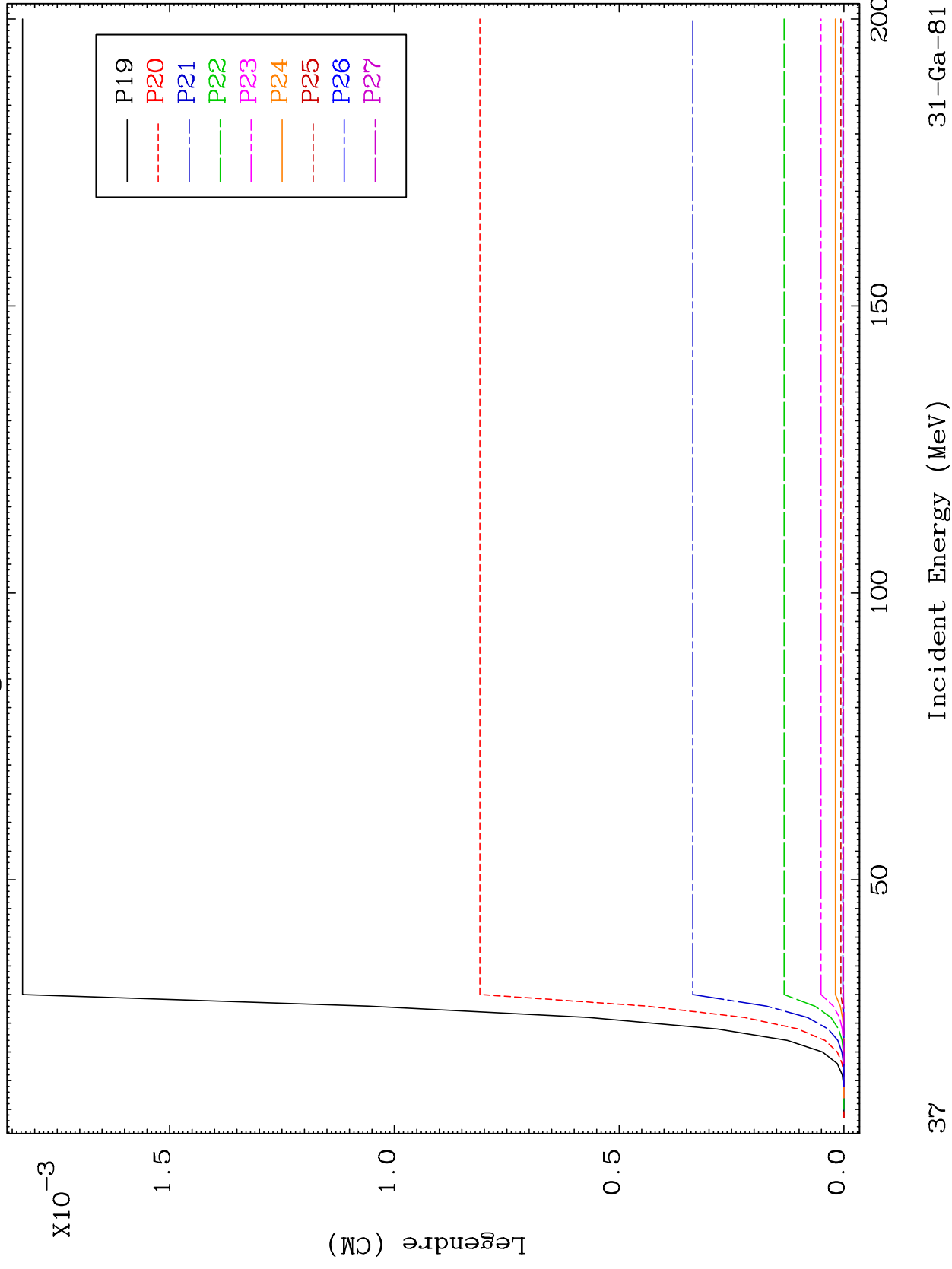
31-Ga-81



MAT 3161

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

31-Ga-81



37

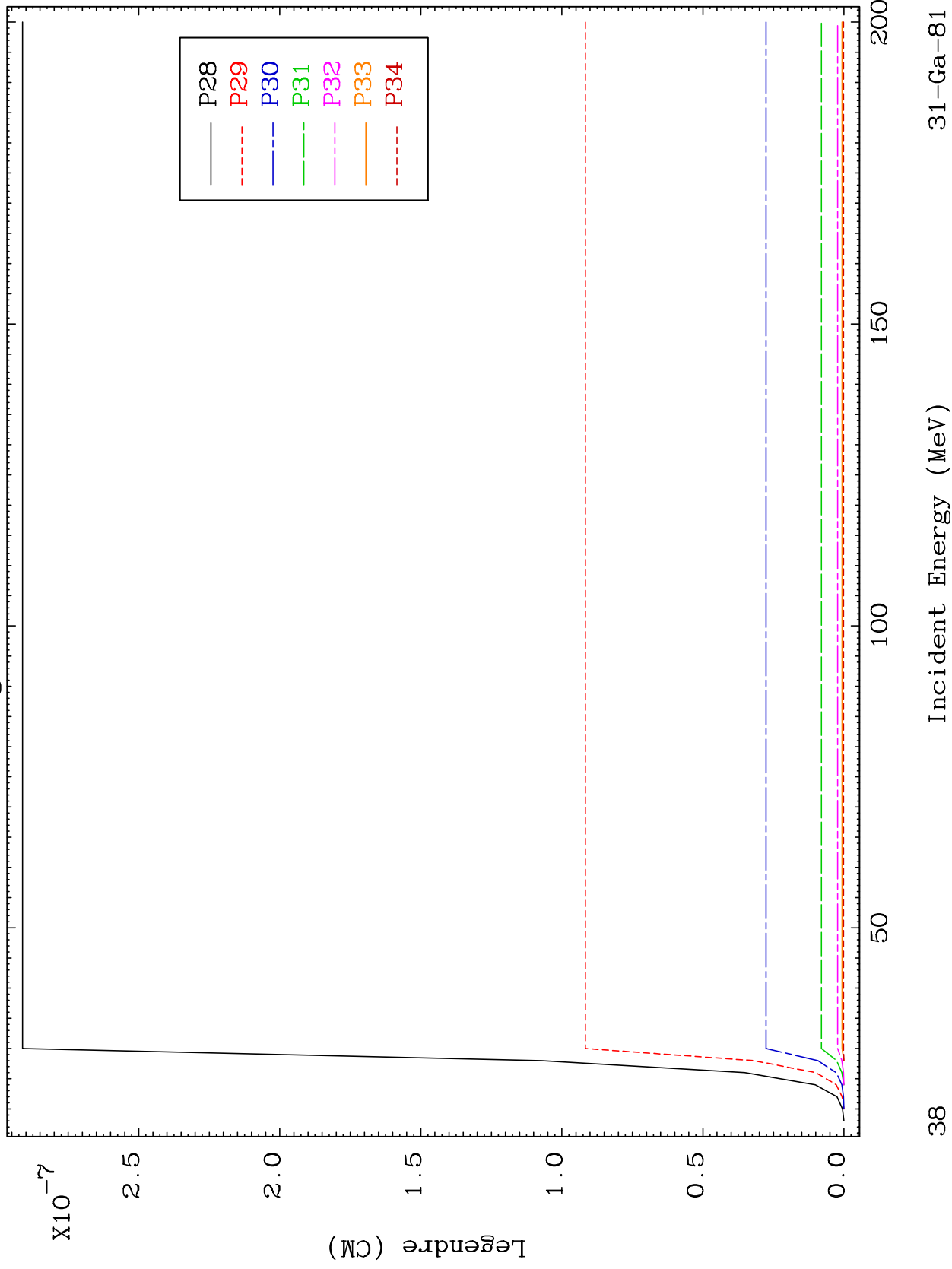
Incident Energy (MeV)

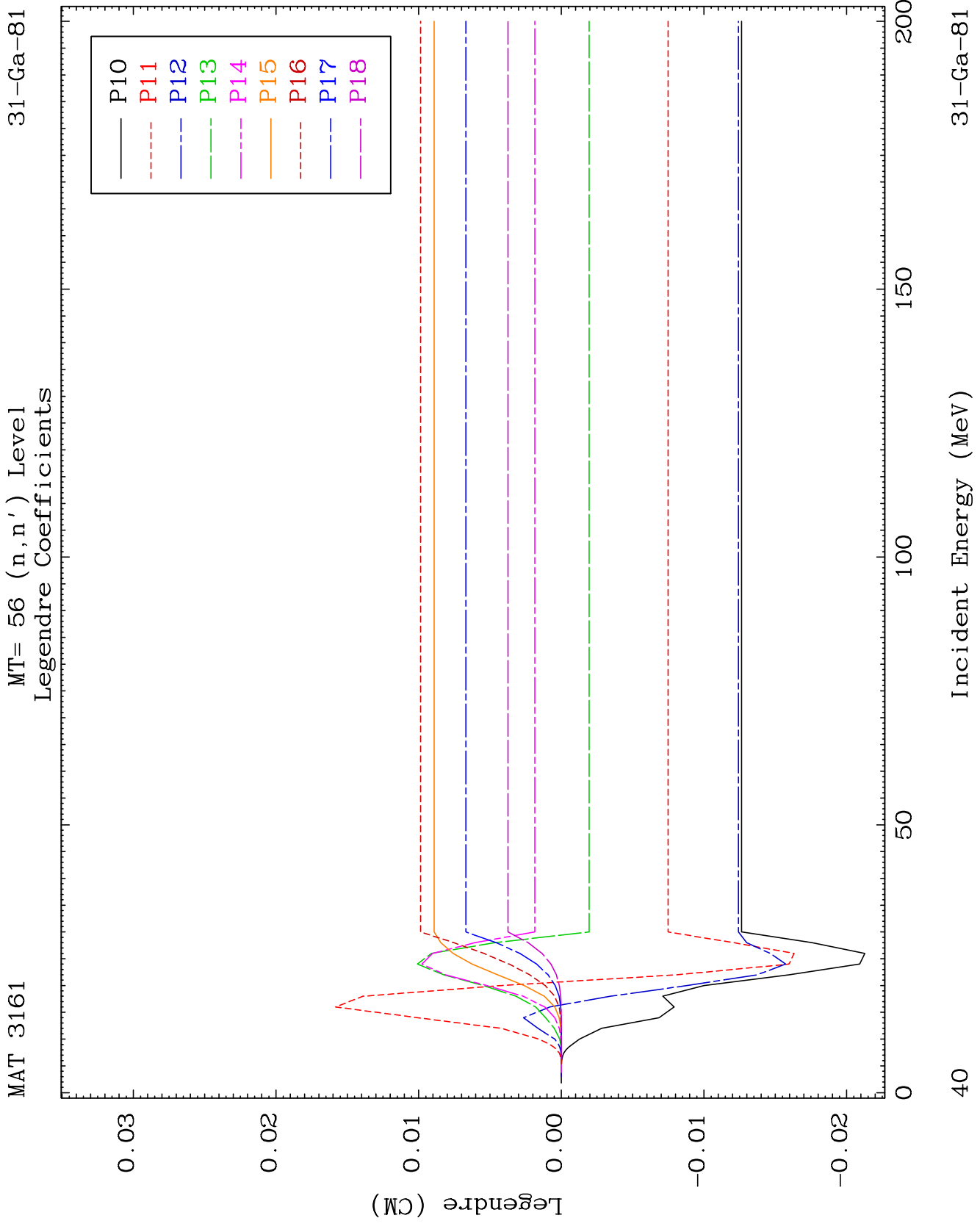
31-Ga-81

MAT 3161

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

31-Ga-81

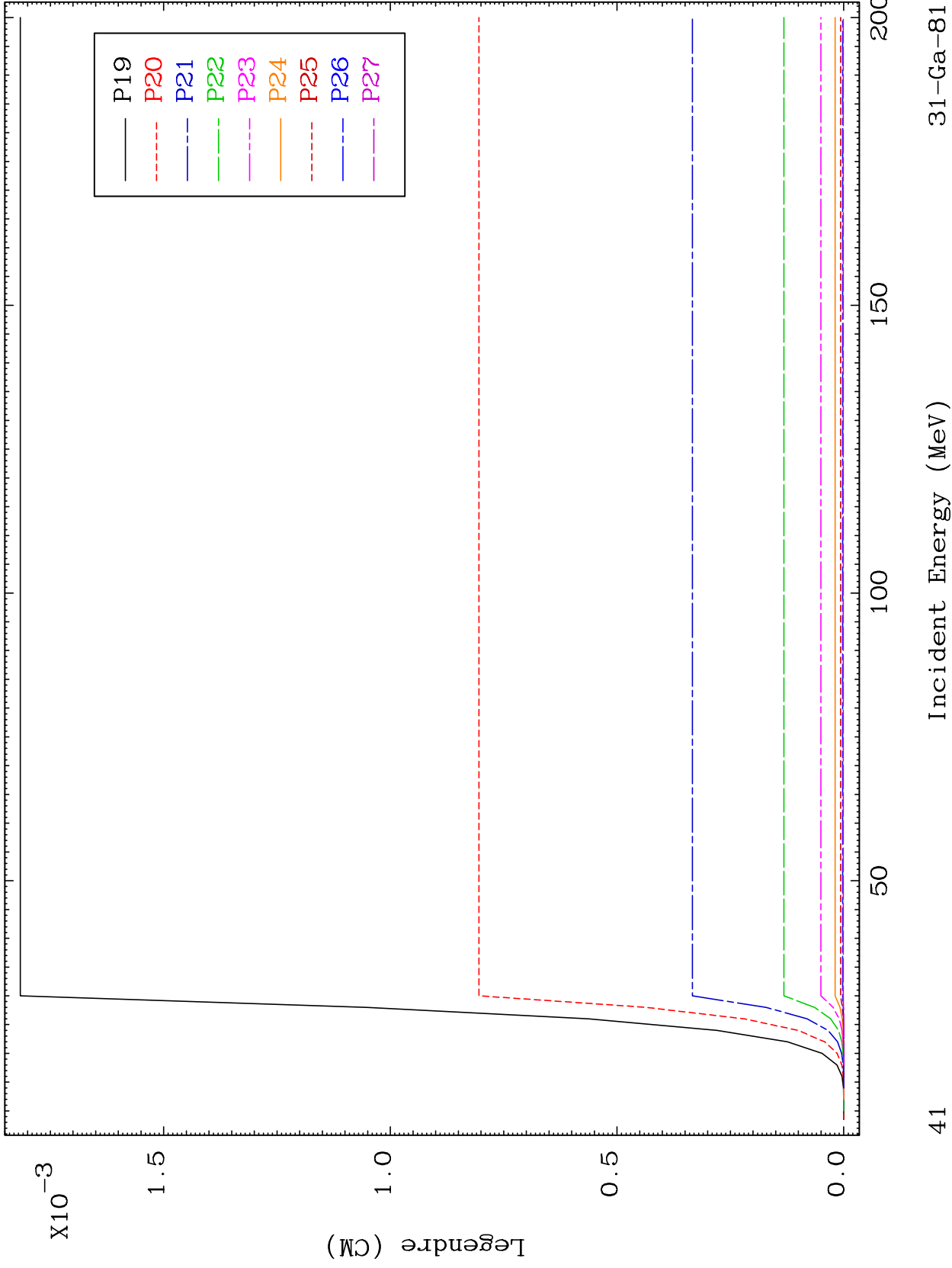




MAT 3161

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

31-Ga-81



41

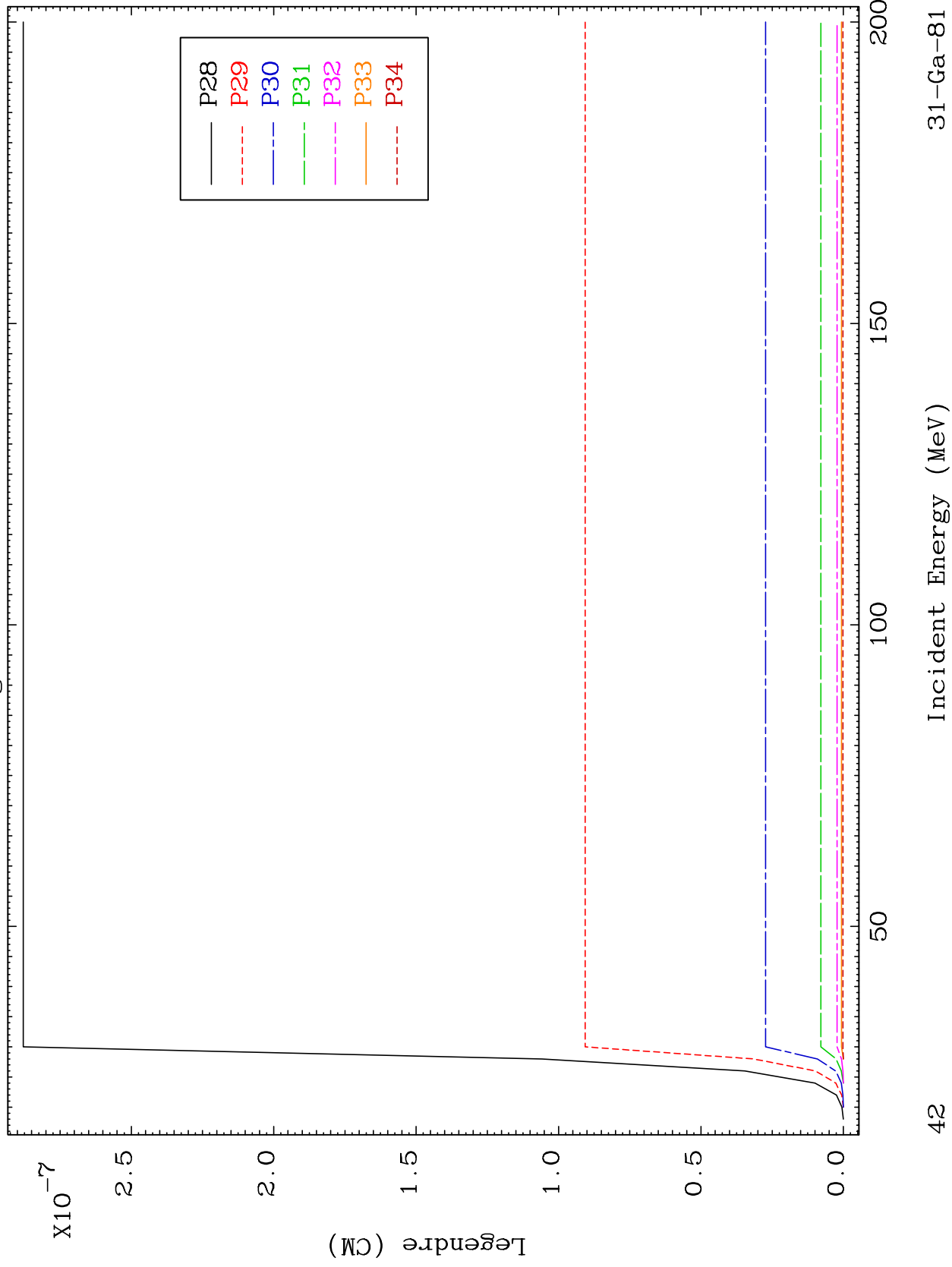
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



42

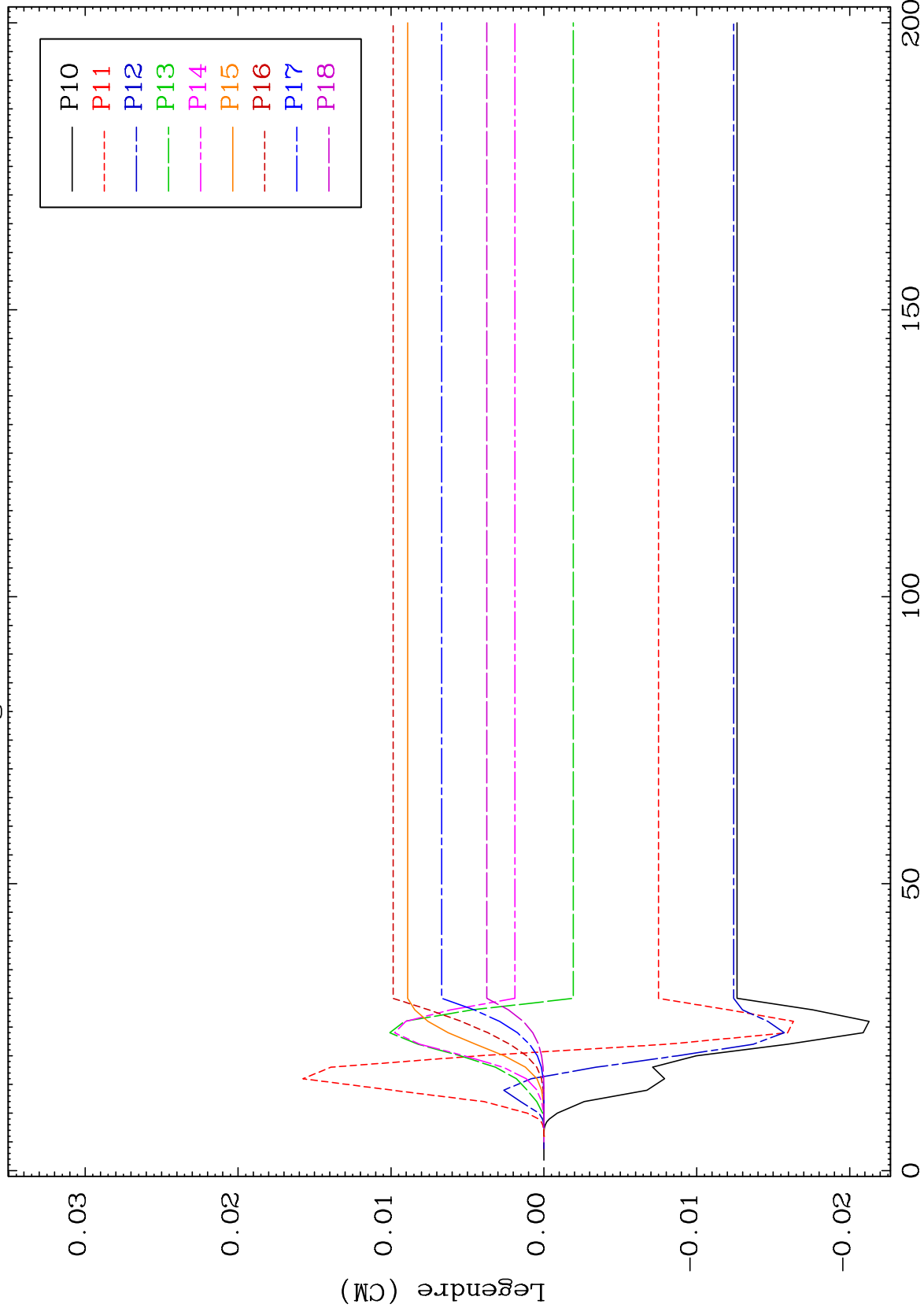
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



44

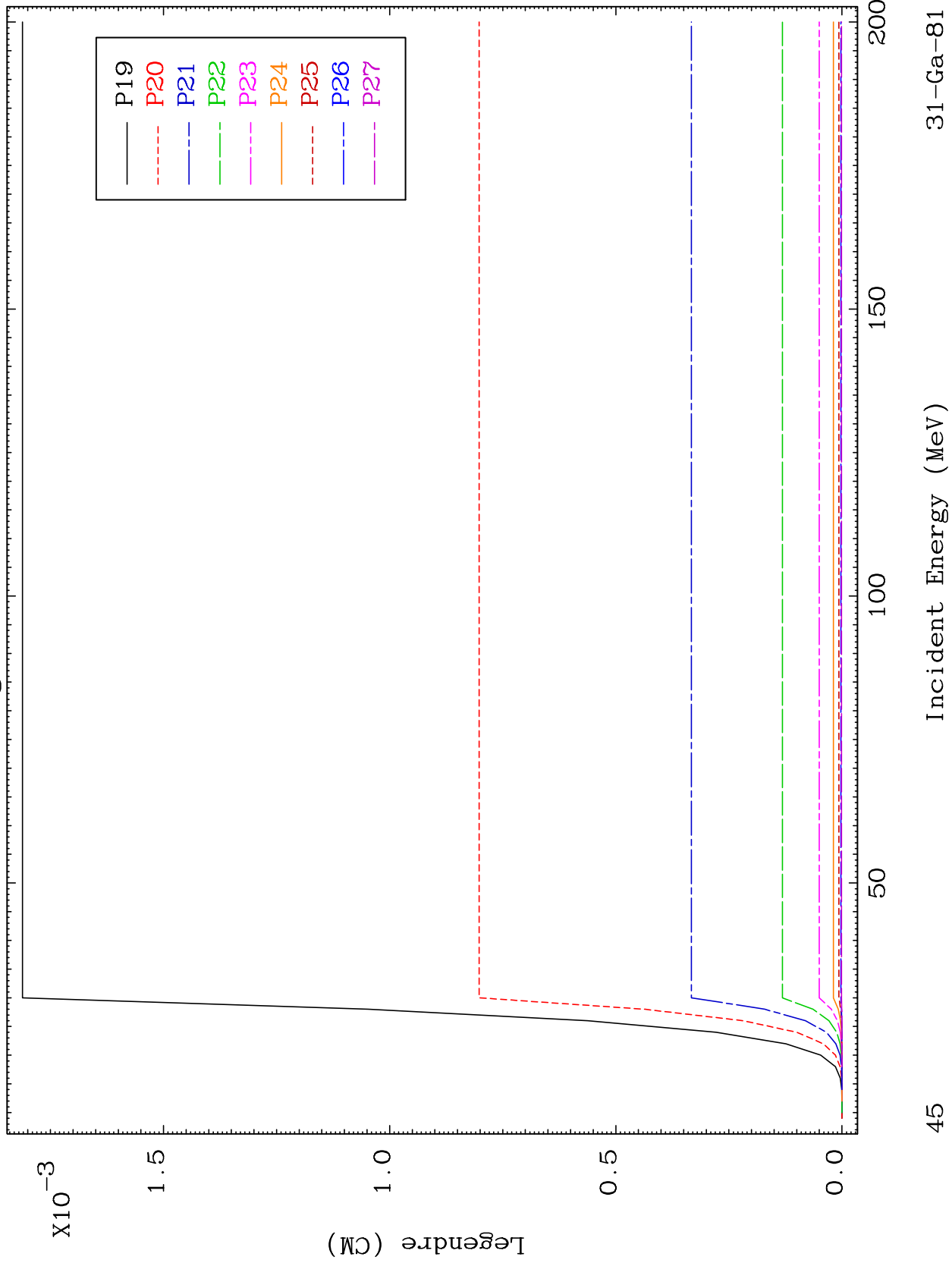
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

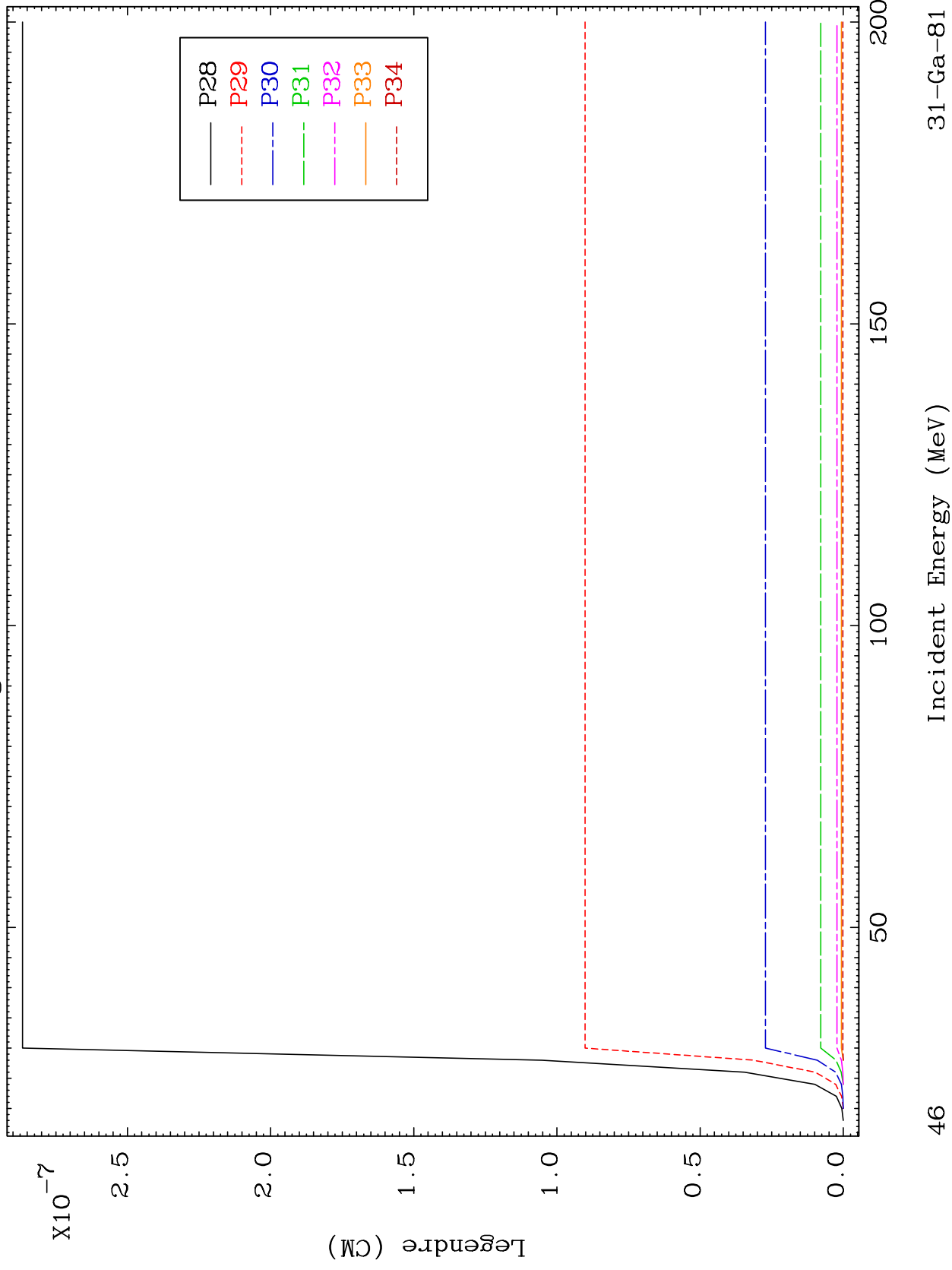
31-Ga-81



MAT 3161

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

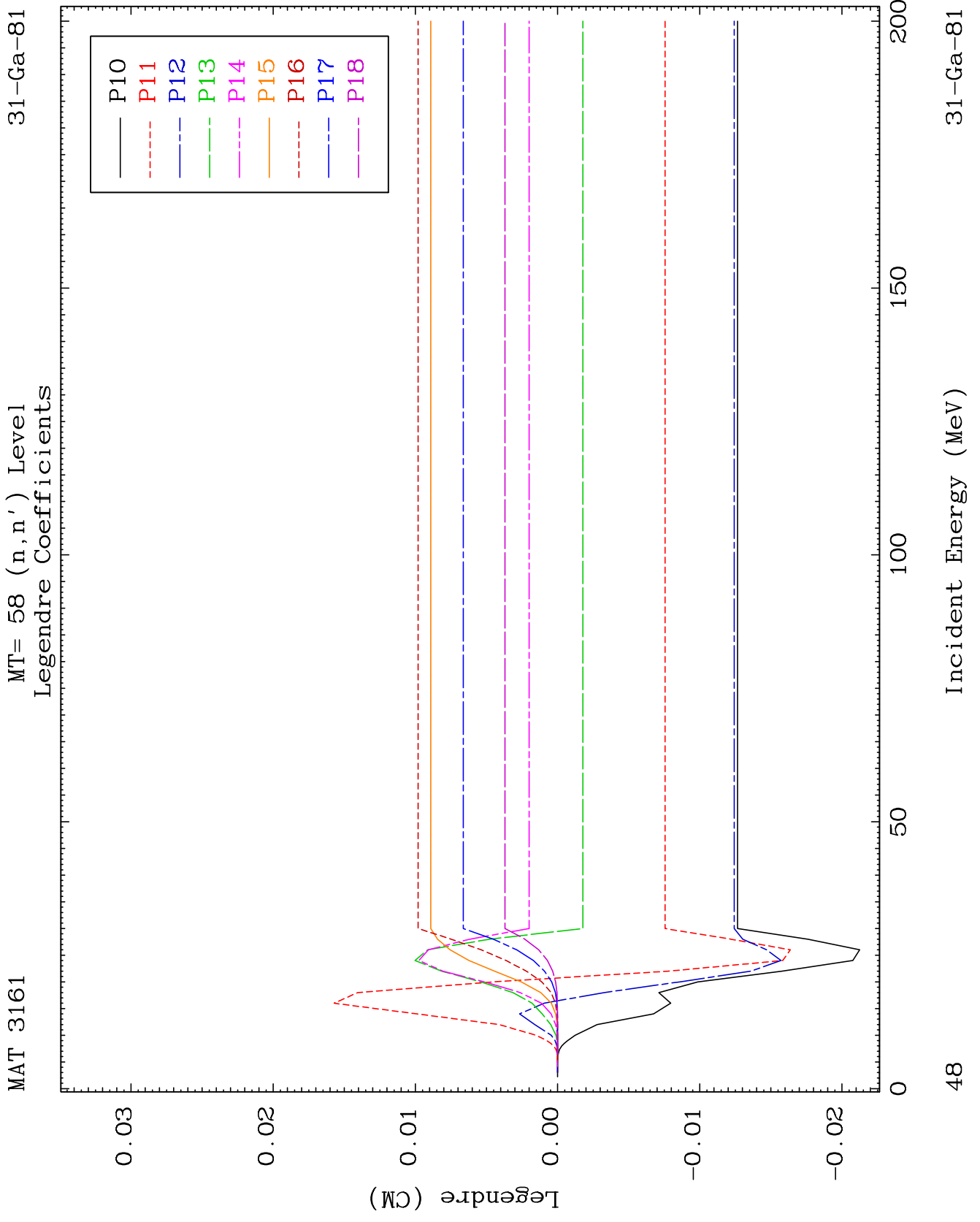
31-Ga-81



46

Incident Energy (MeV)

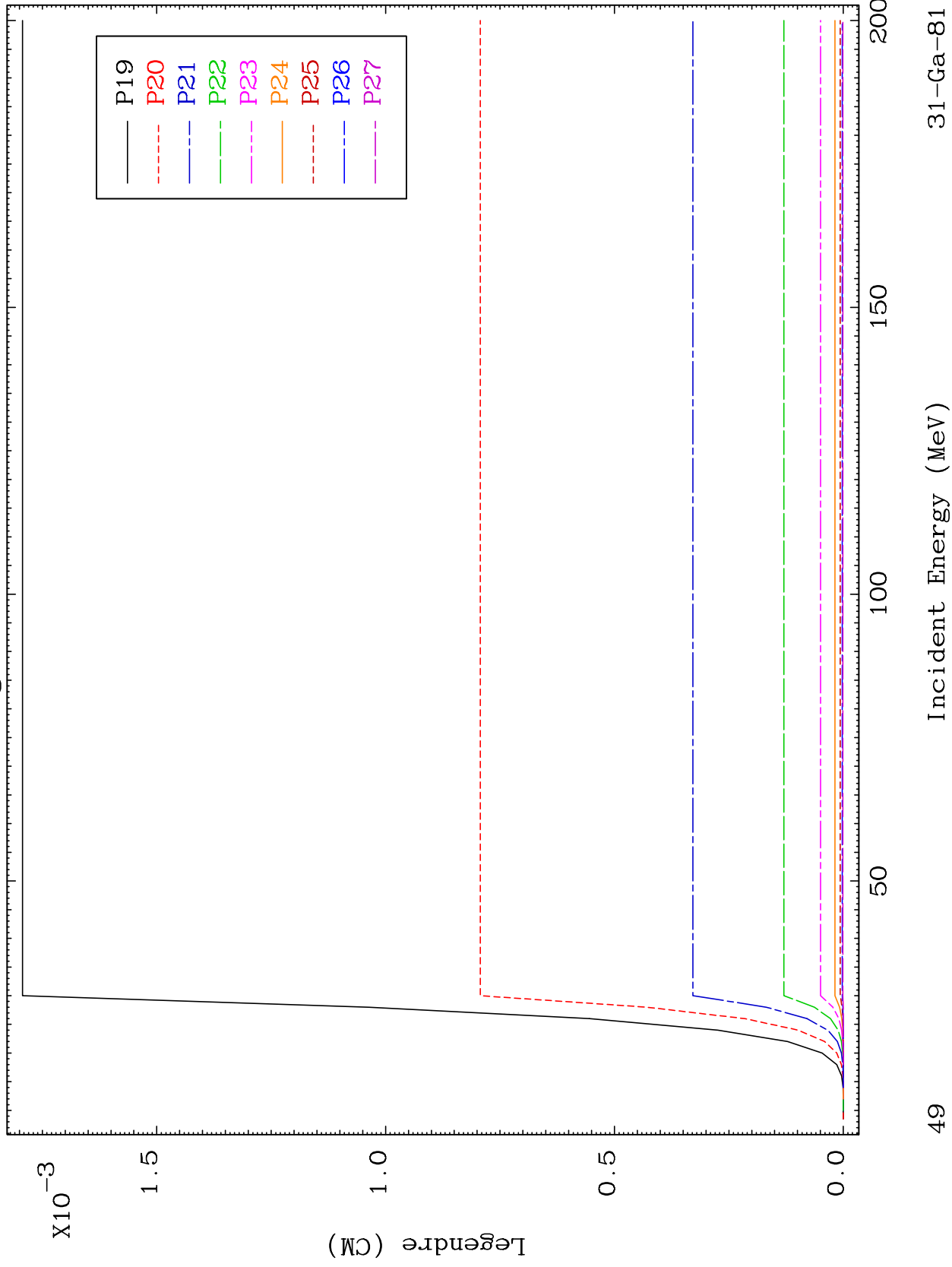
31-Ga-81



MAT 3161

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

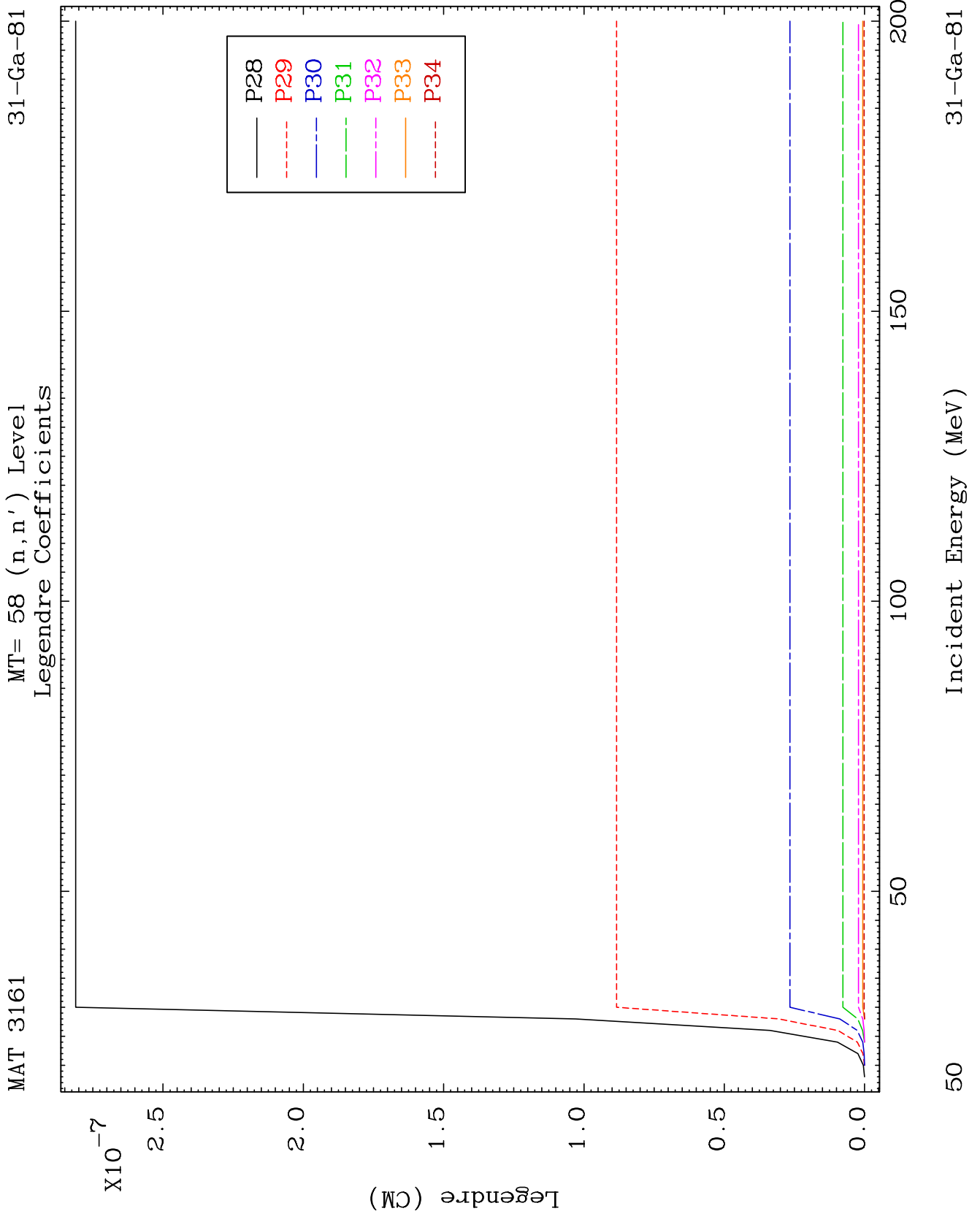
31-Ga-81



49

Incident Energy (MeV)

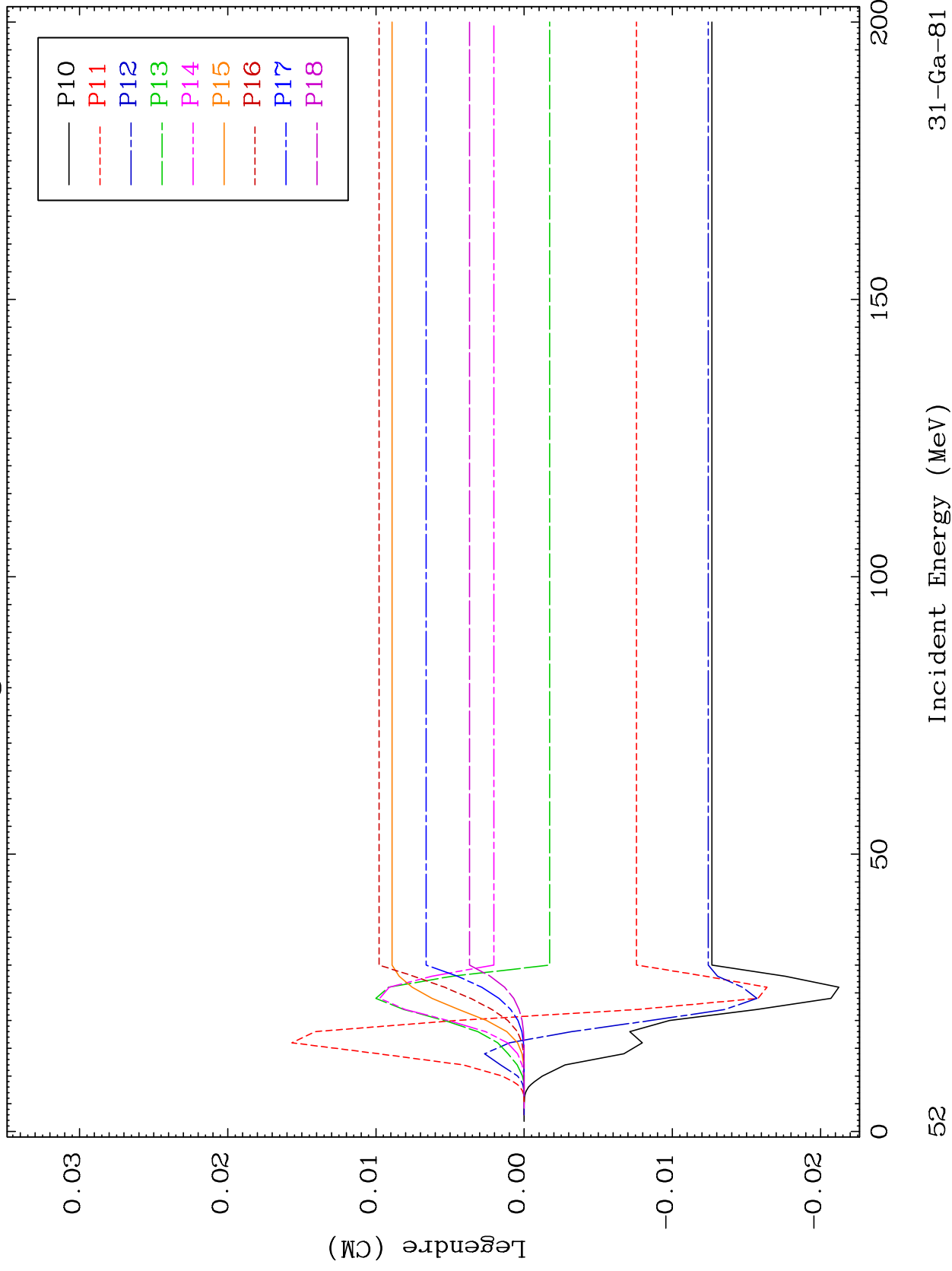
31-Ga-81



MAT 3161

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

31-Ga-81



52

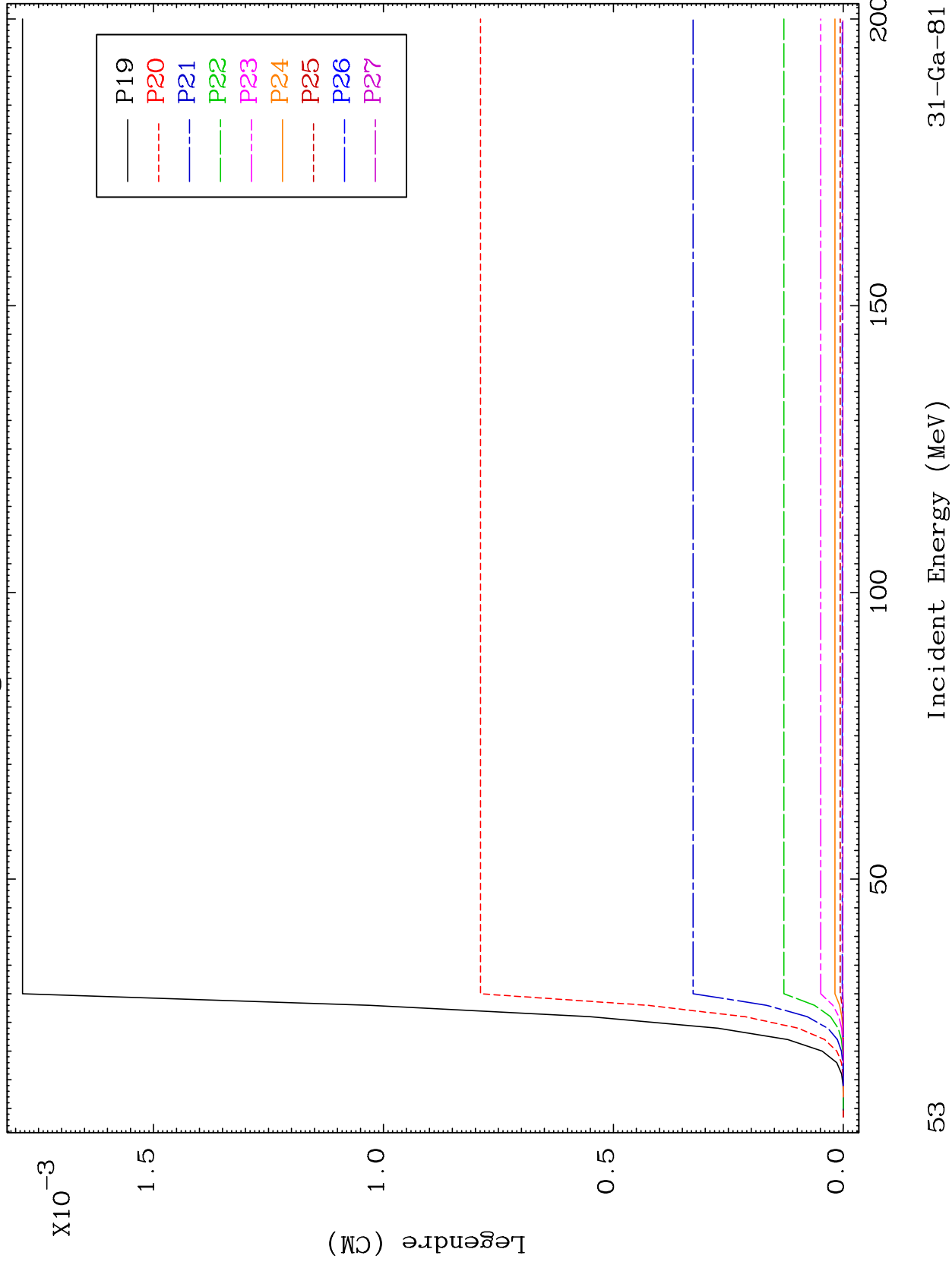
Incident Energy (MeV)

31-Ga-81

MAT 3161

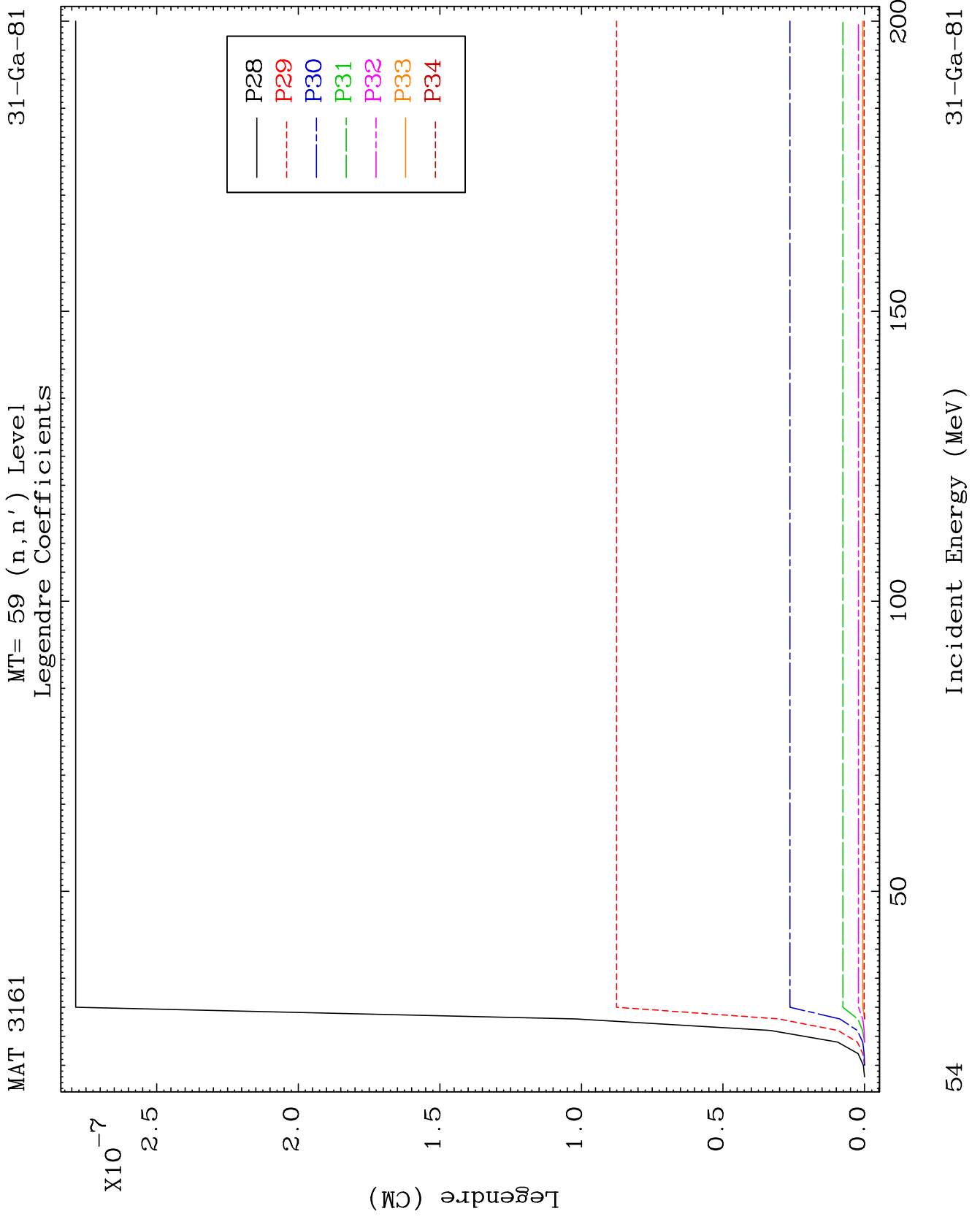
MT= 59 (n,n') Level
Legendre Coefficients

31-Ga-81



53

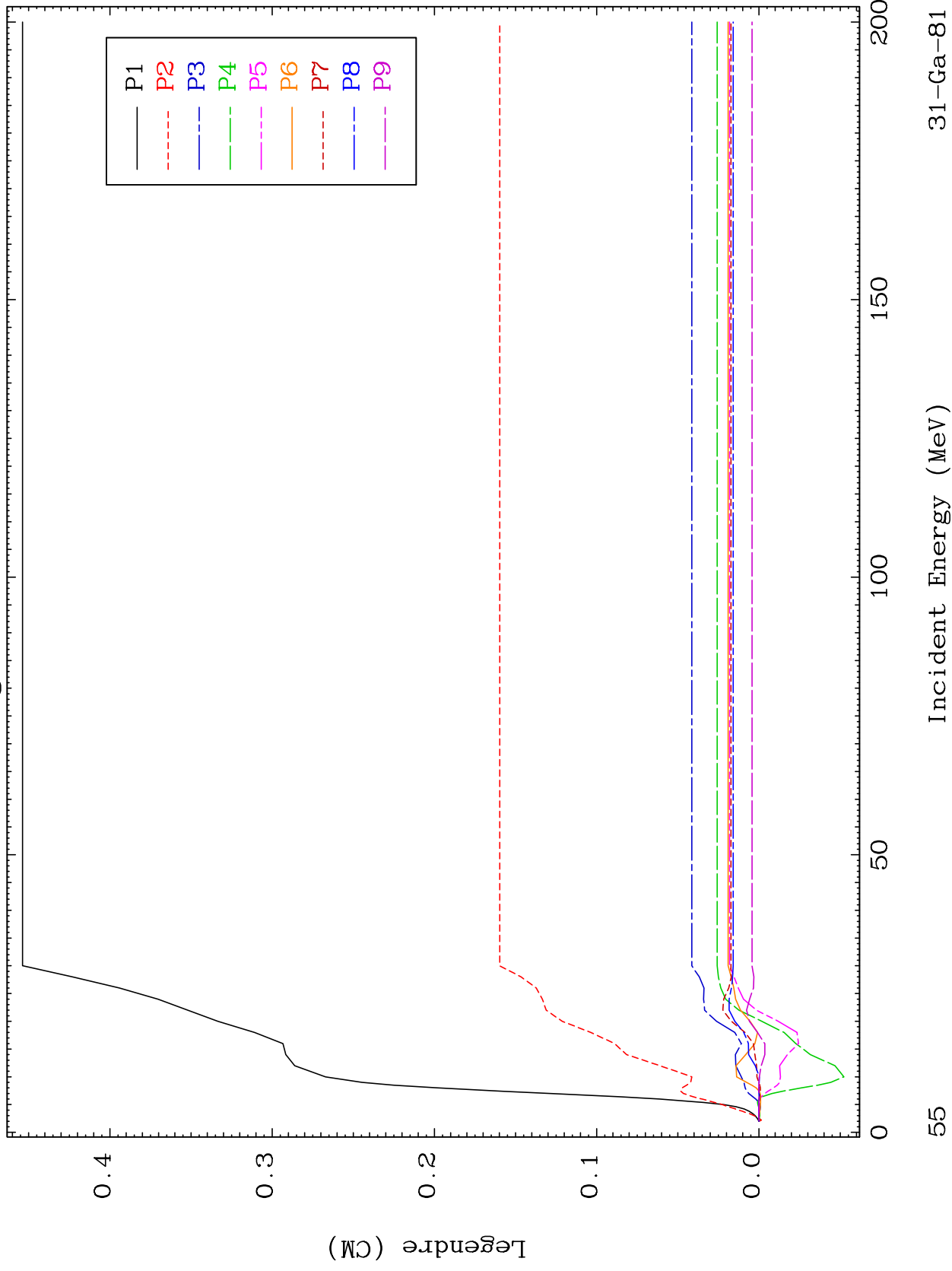
31-Ga-81



MAT 3161

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

31-Ga-81



31-Ga-81

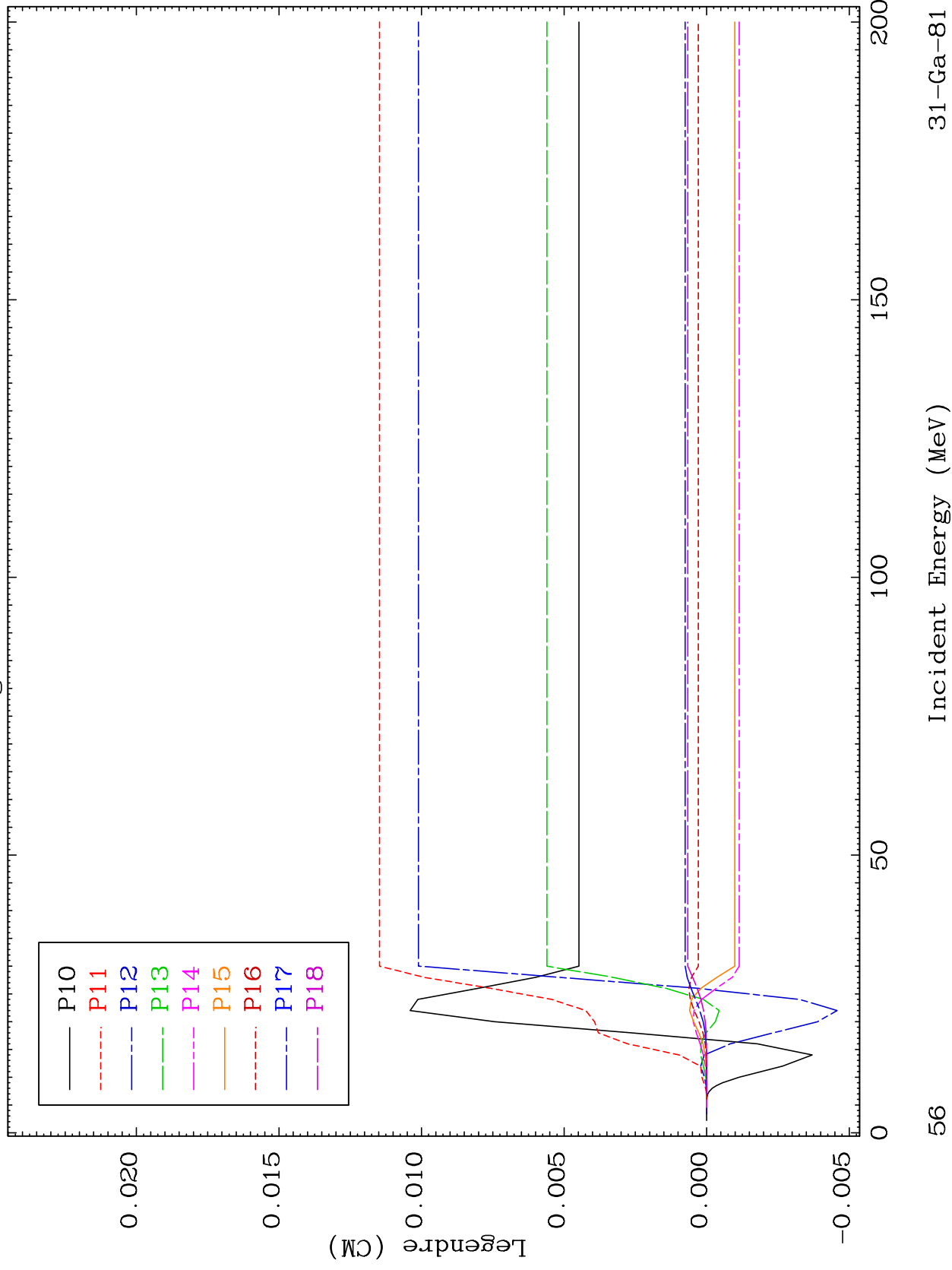
Incident Energy (MeV)

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MAT 3161

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

31-Ga-81



31-Ga-81

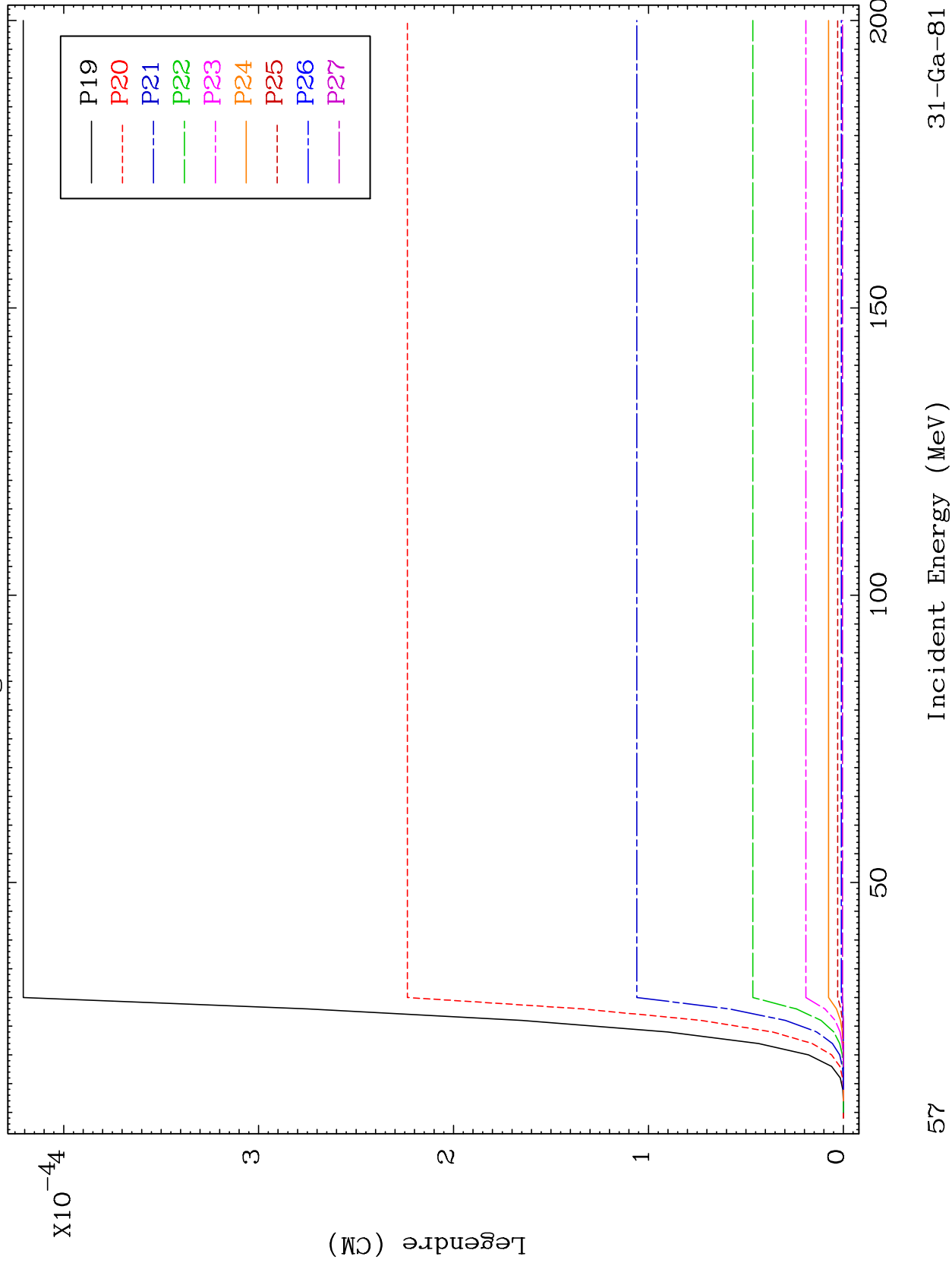
Incident Energy (MeV)

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MAT 3161

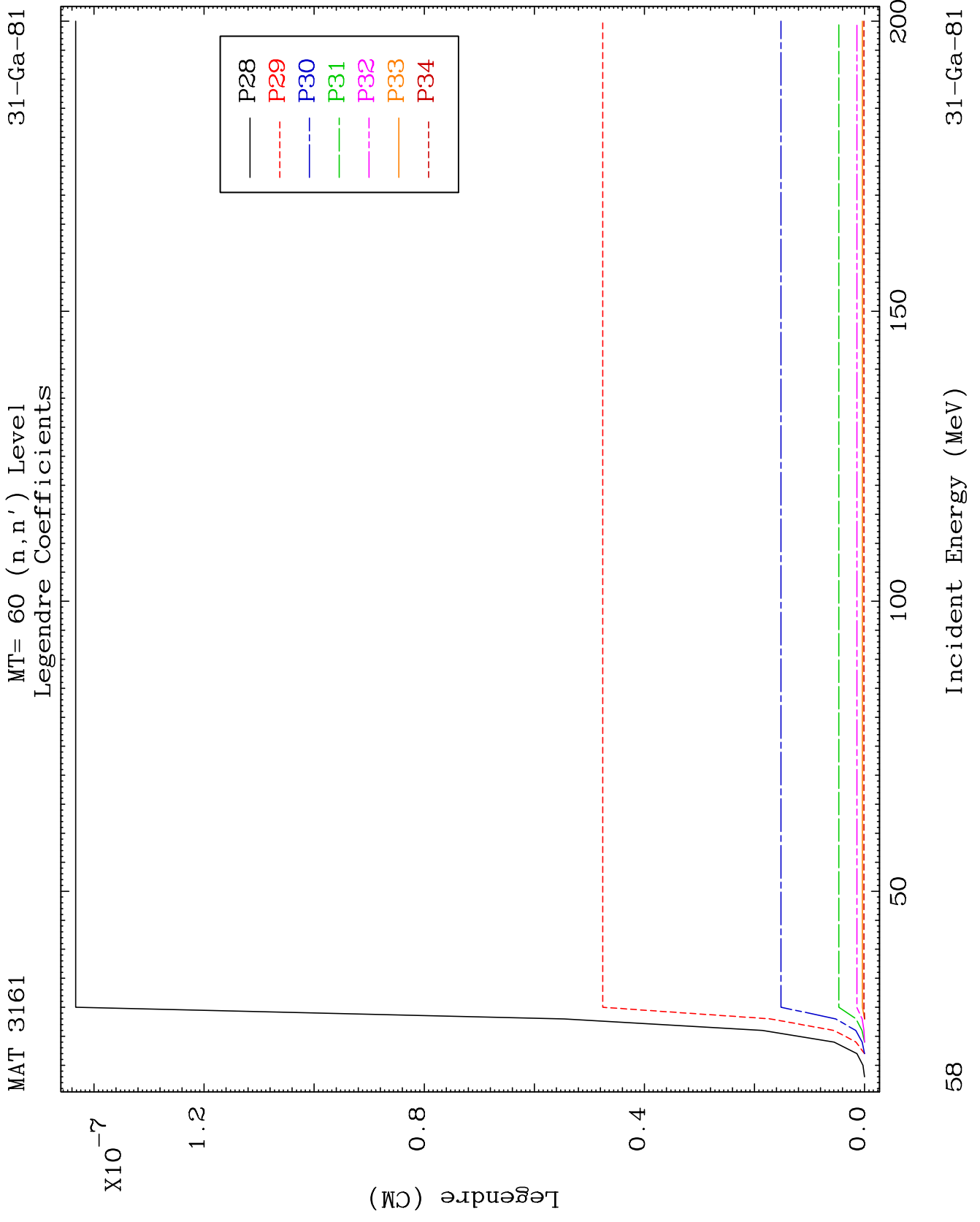
MT= 60 (n,n') Level
Legendre Coefficients

31-Ga-81



57

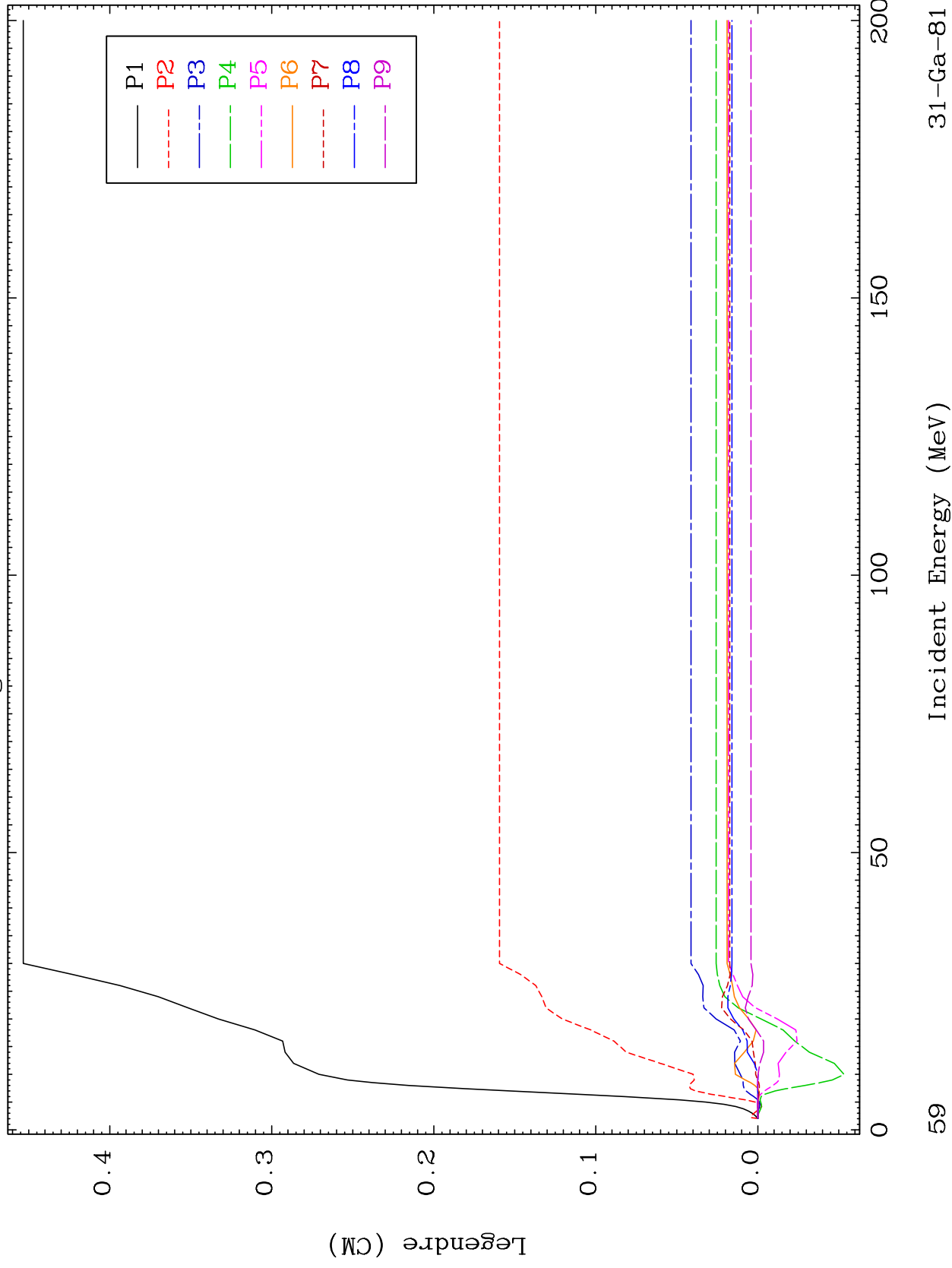
31-Ga-81



MAT 3161

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

31-Ga-81



31-Ga-81

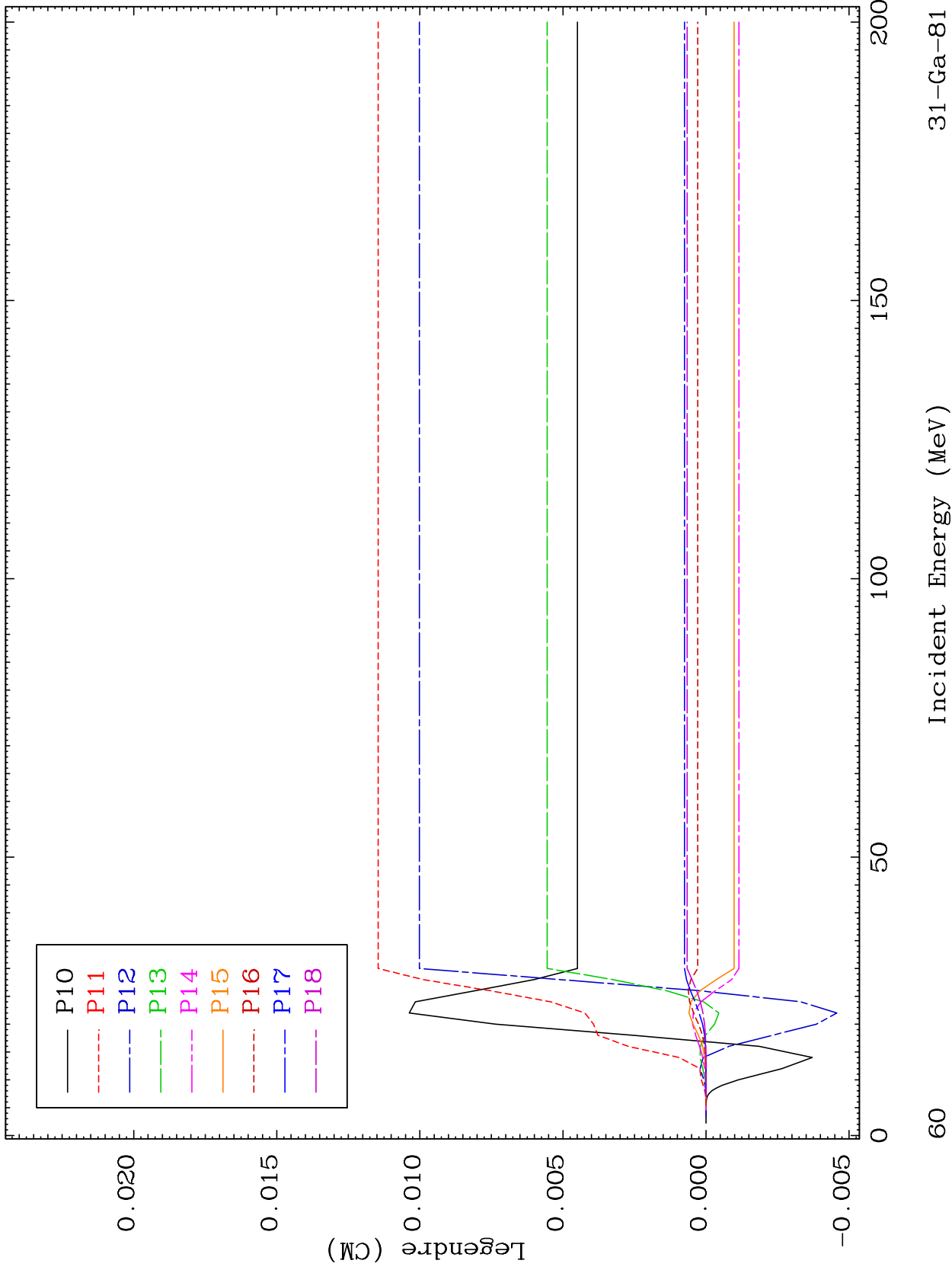
Incident Energy (MeV)

59

MAT 3161

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

31-Ga-81

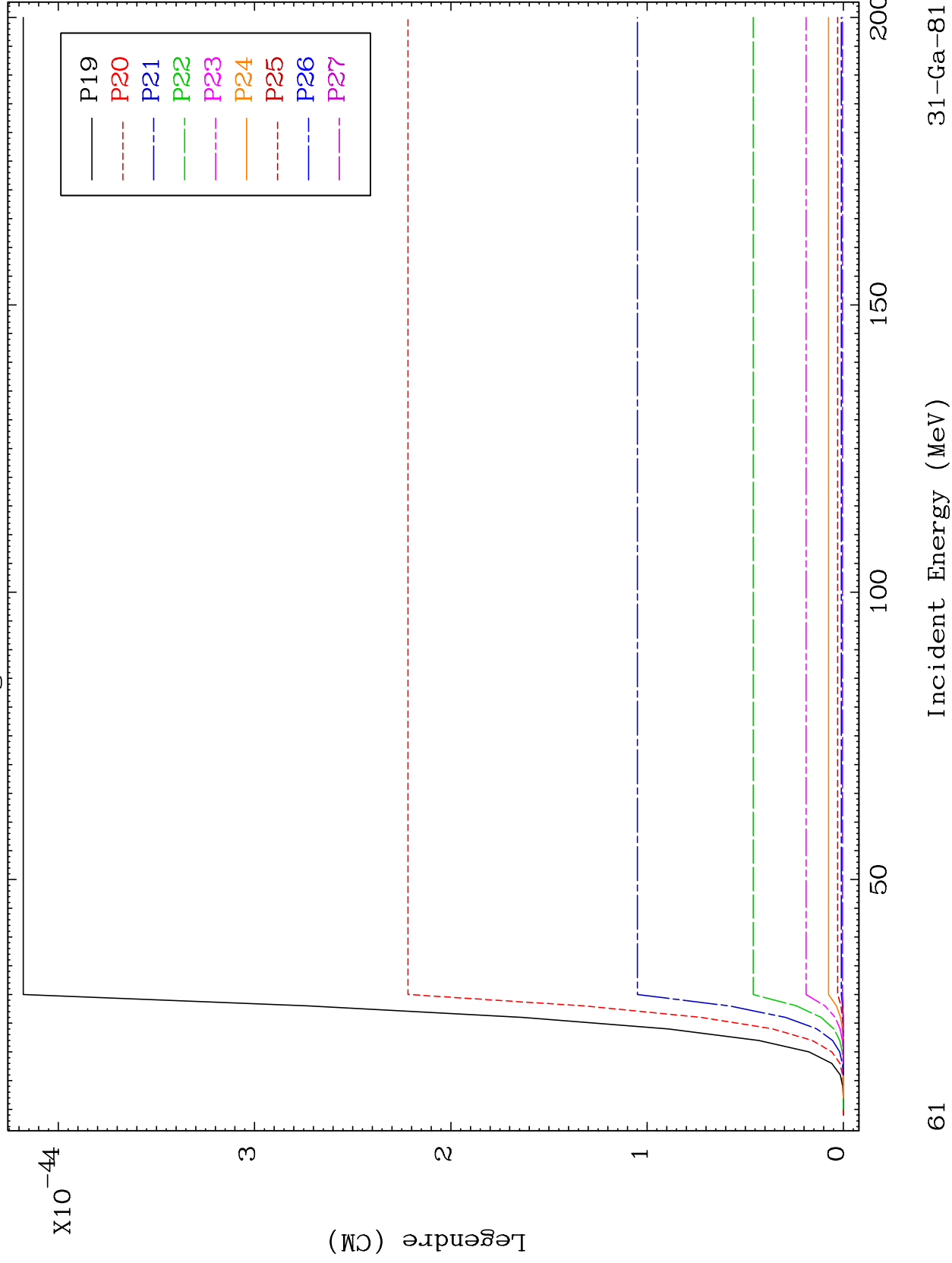


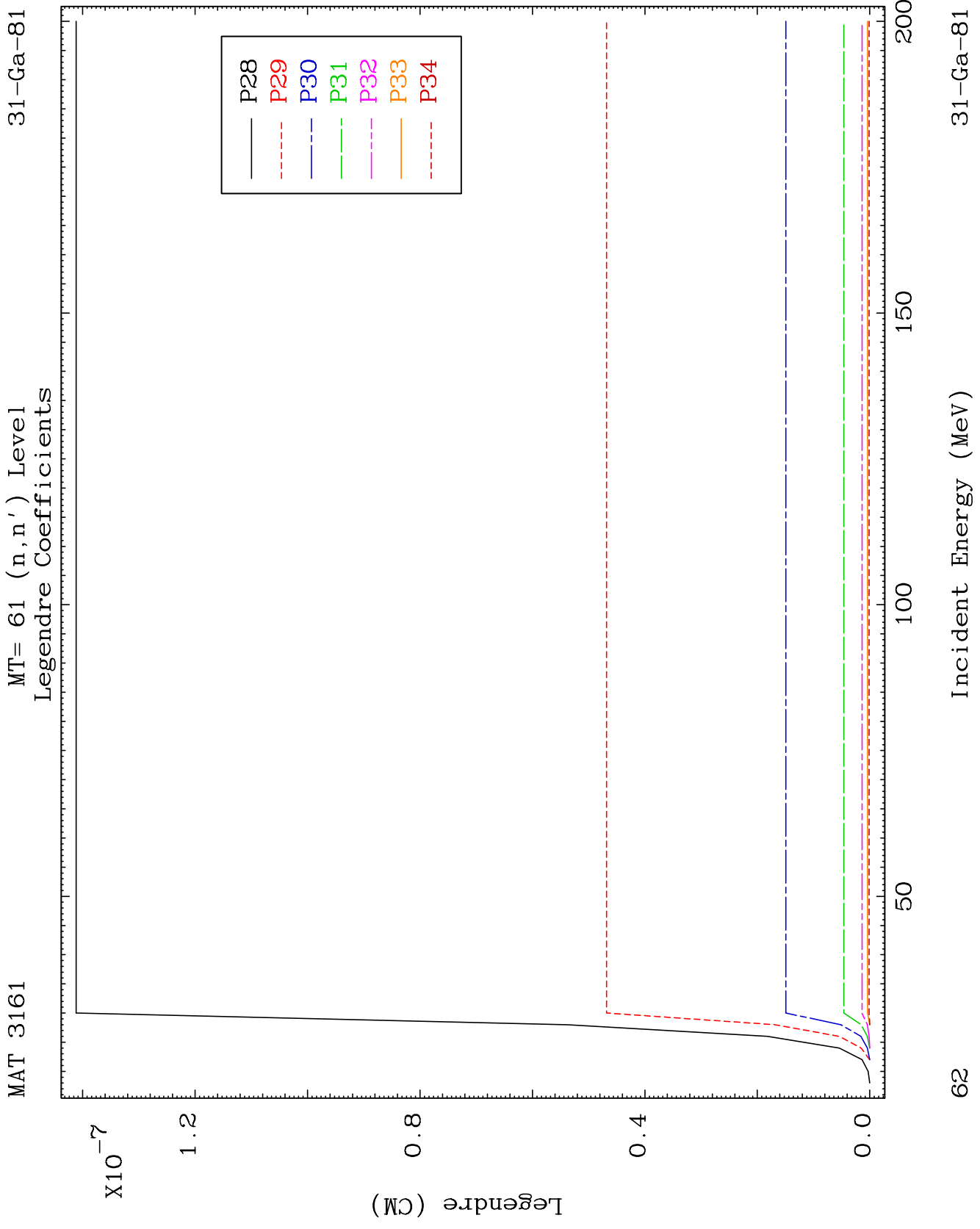
31-Ga-81

MAT 3161

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

31-Ga-81

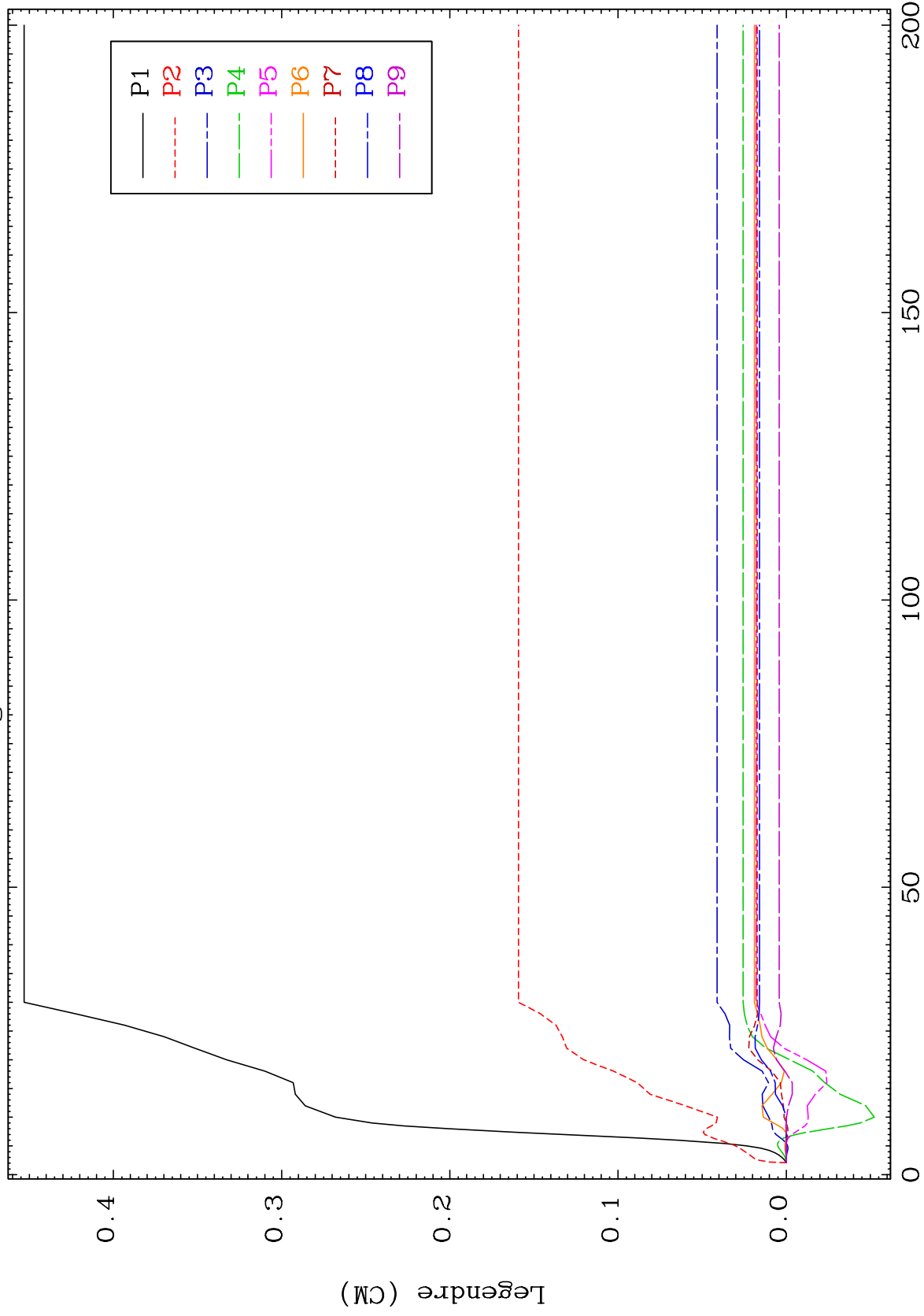




MAT 3161

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

31-Ga-81



63

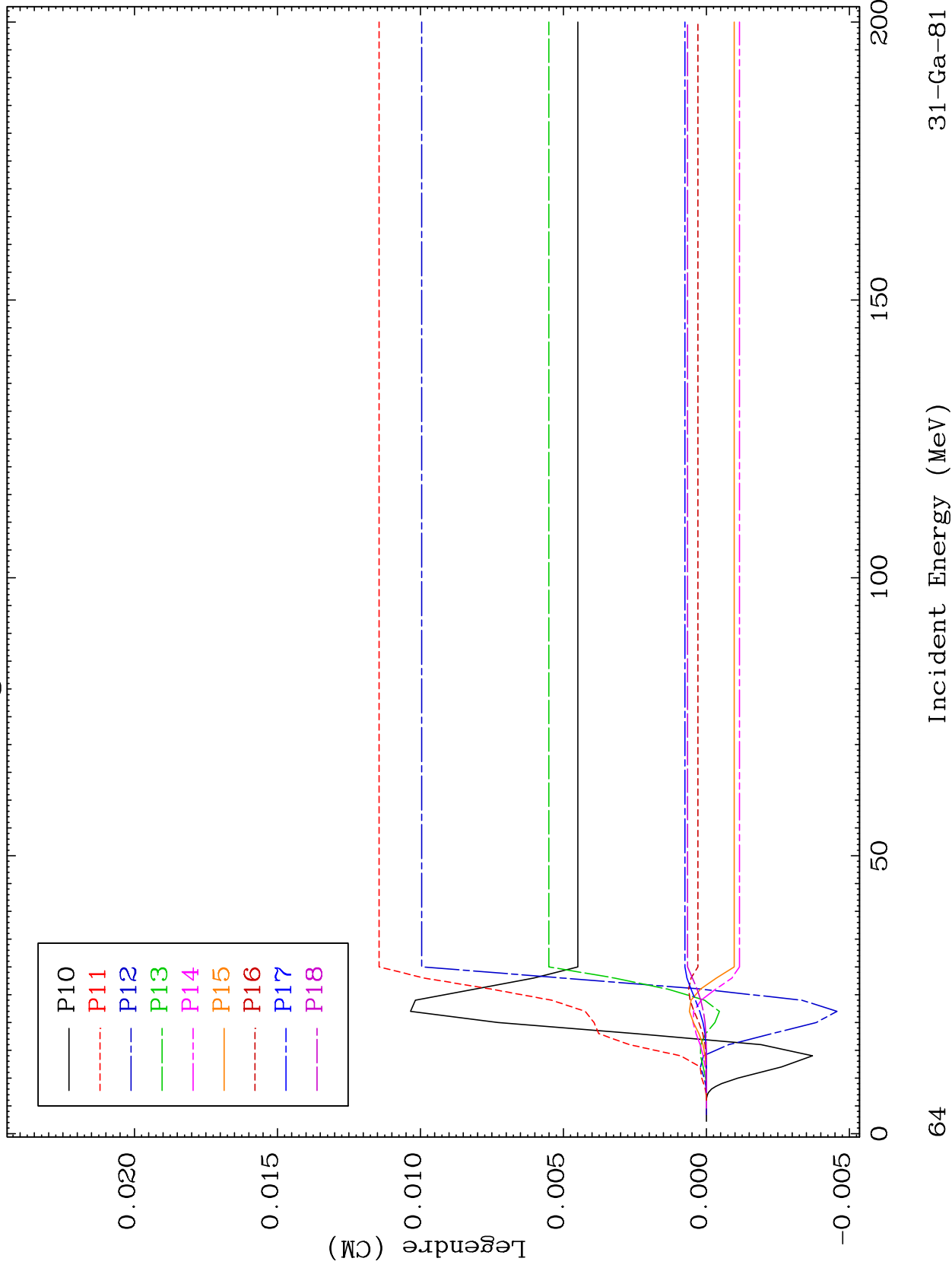
Incident Energy (MeV)

31-Ga-81

MAT 3161

31-Ga-81

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



31-Ga-81

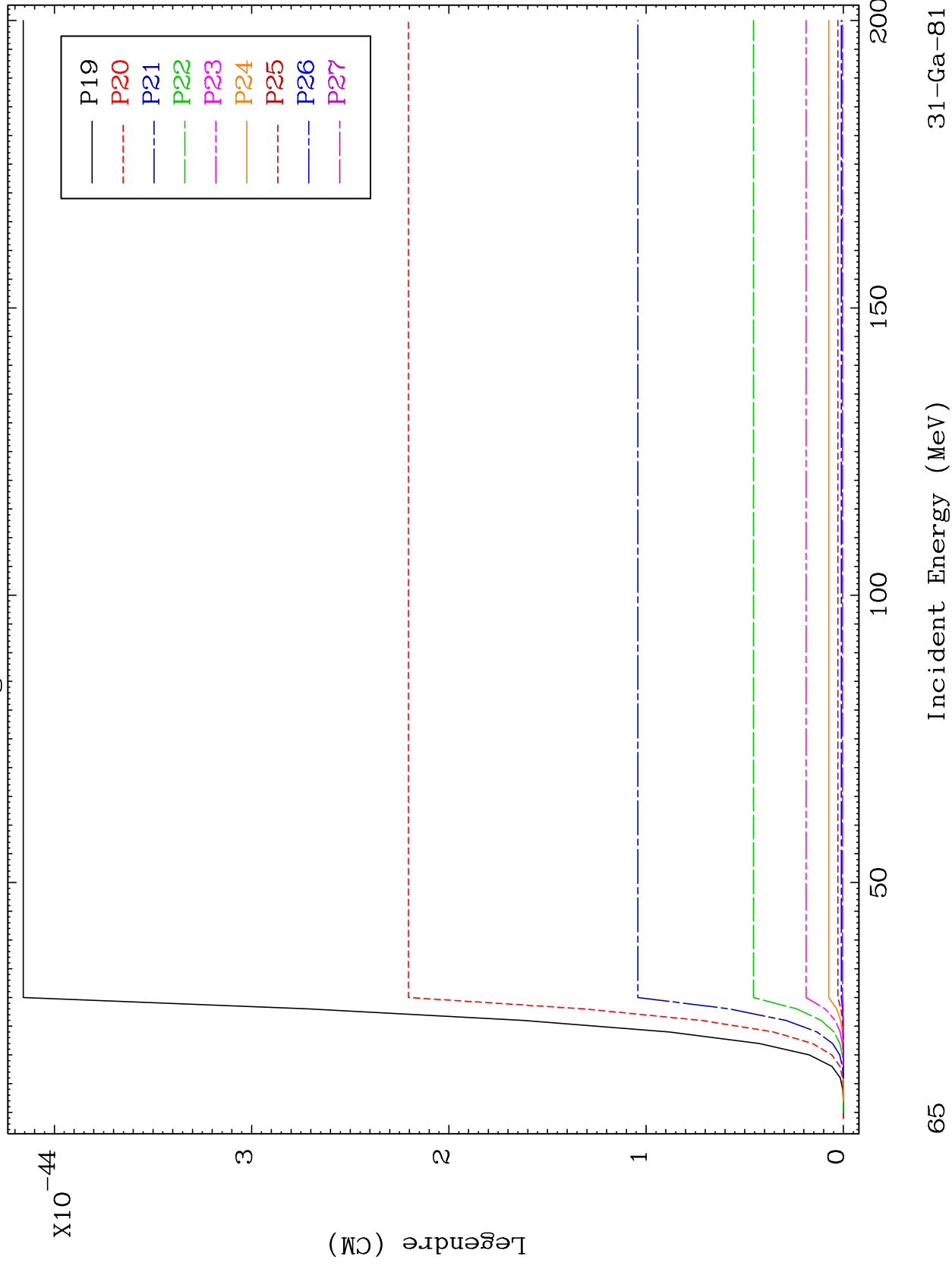
Incident Energy (MeV)

64

MAT 3161

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

31-Ga-81



65

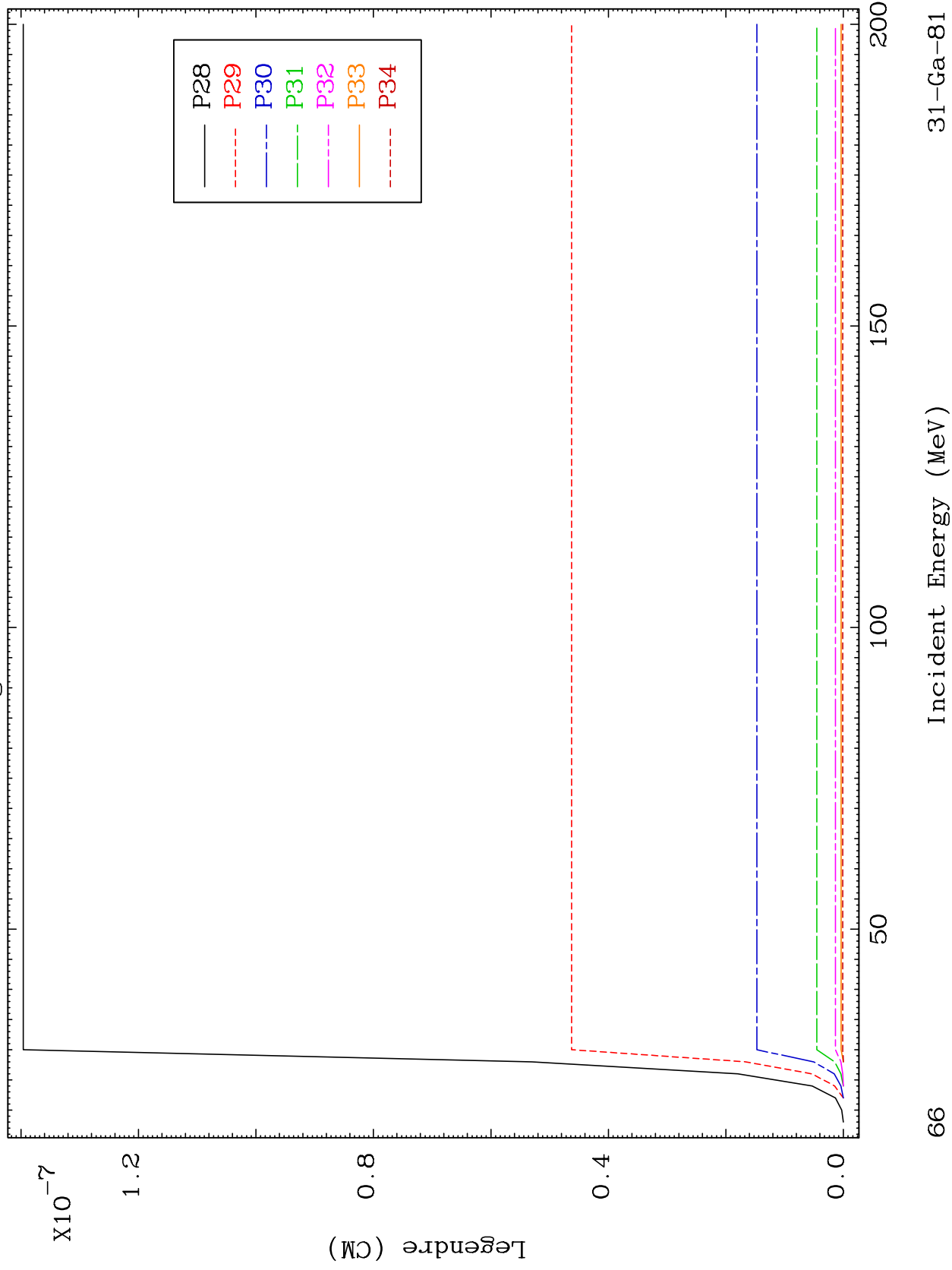
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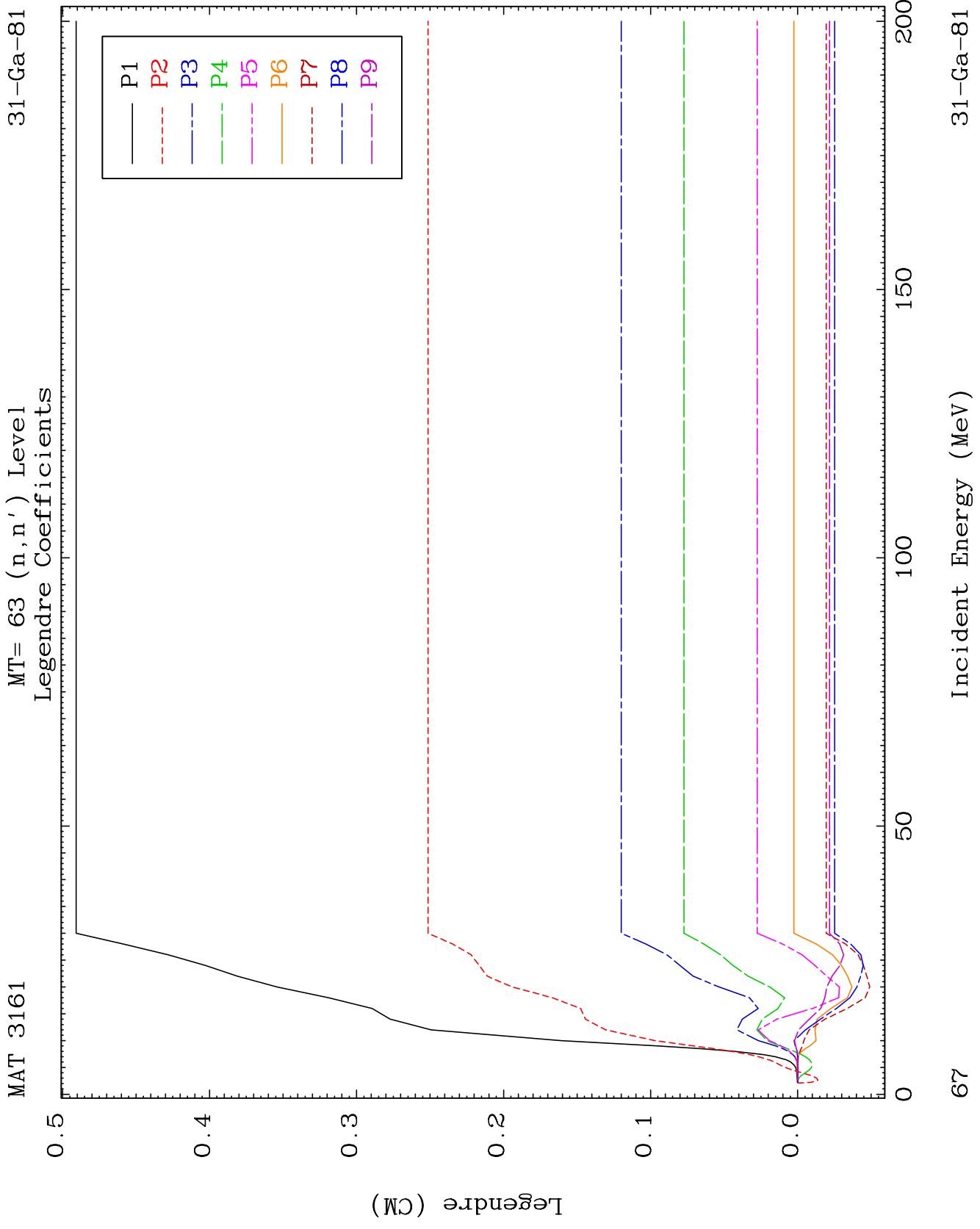
31-Ga-81

MAT 3161

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

31-Ga-81

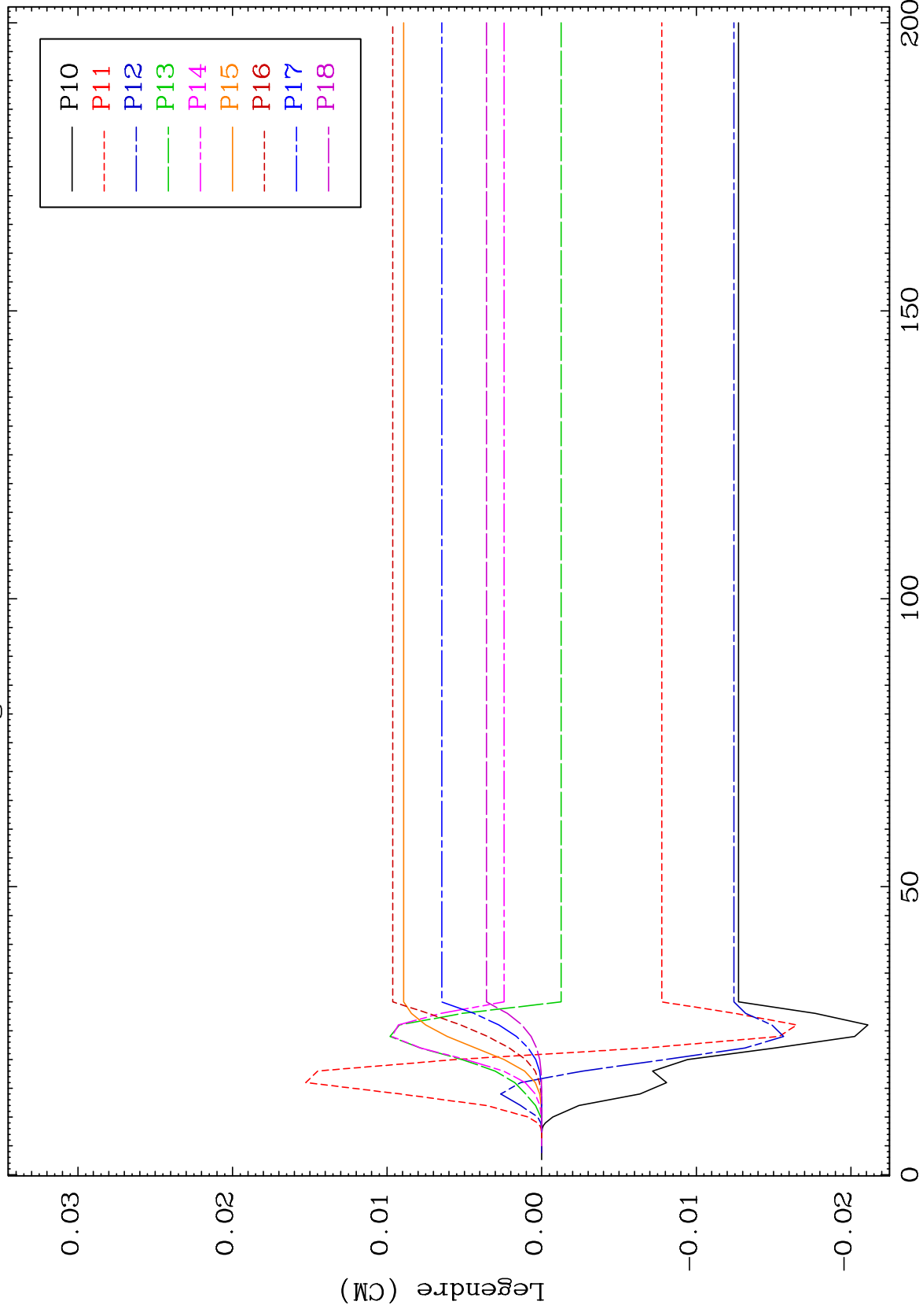




MAT 3161

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

31-Ga-81



68

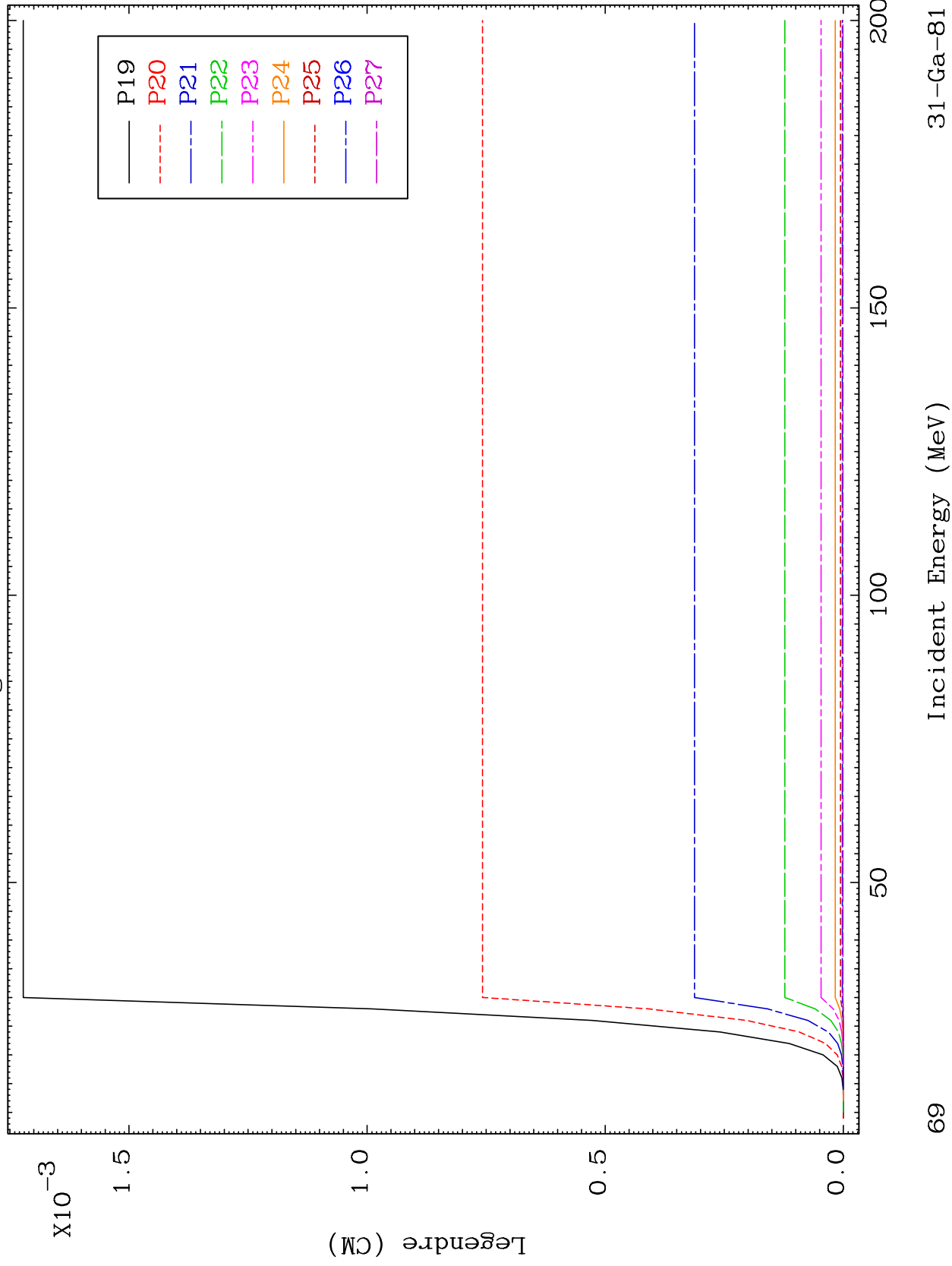
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

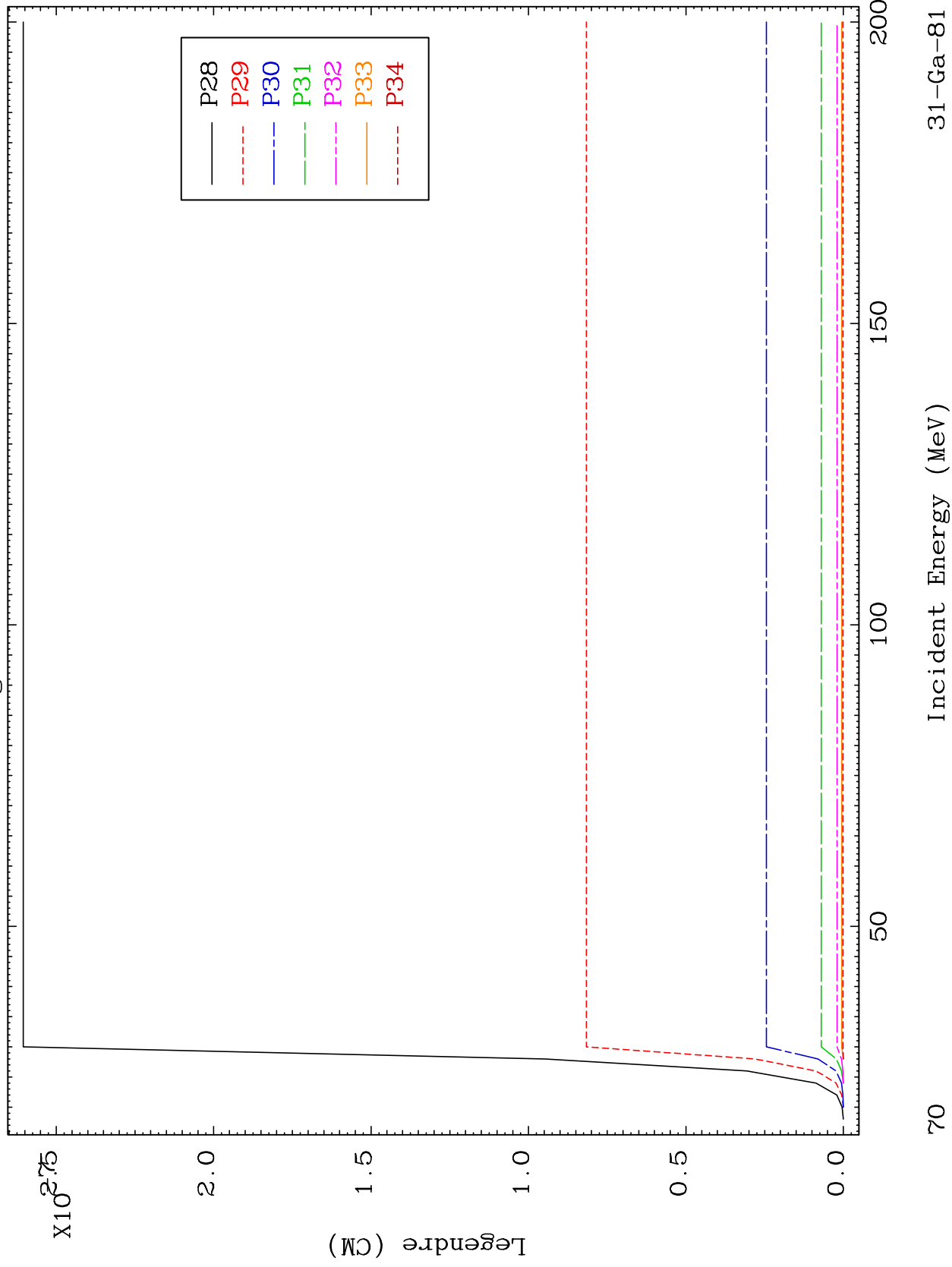
31-Ga-81



MAT 3161

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

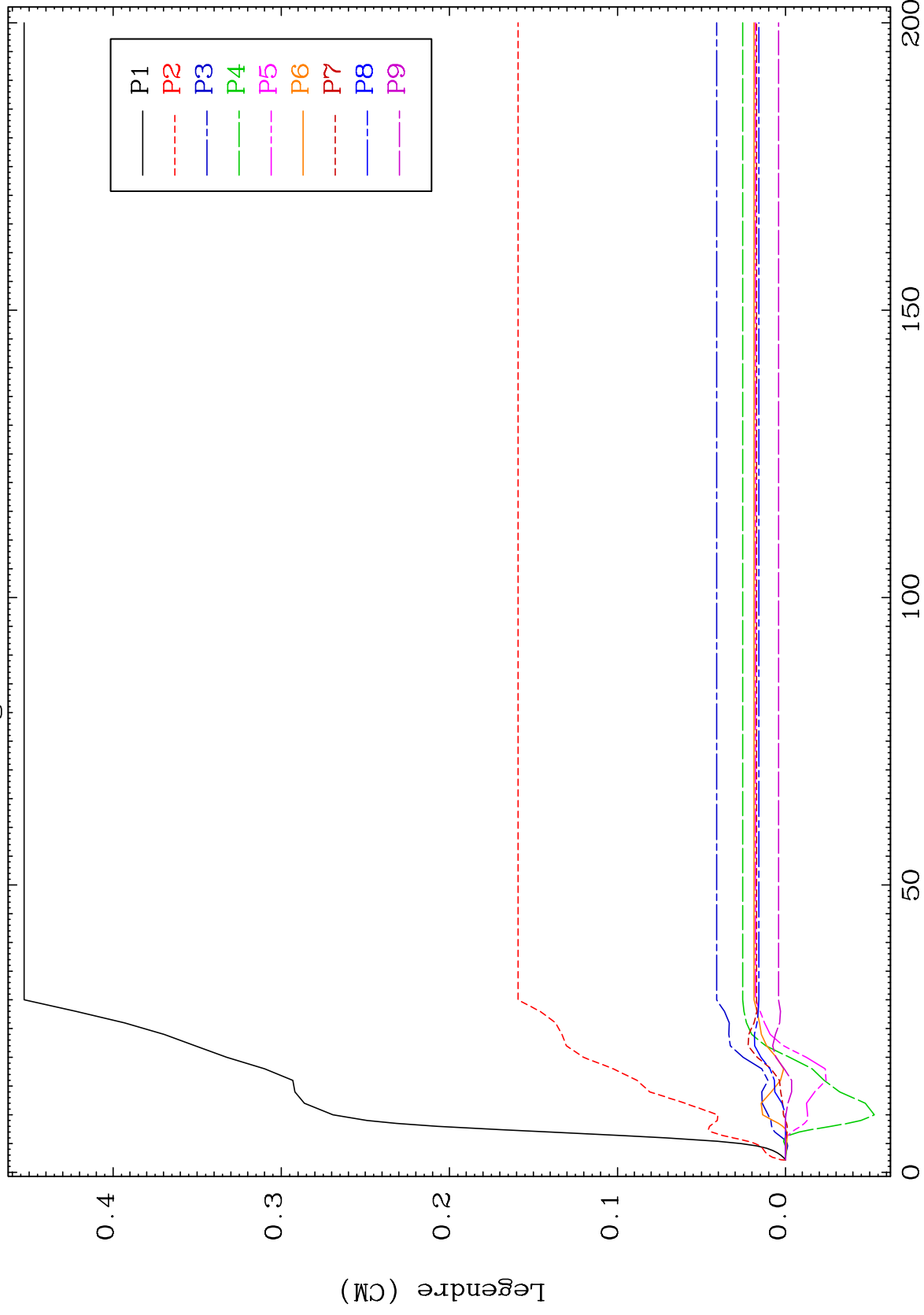
31-Ga-81



MAT 3161

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

31-Ga-81



71

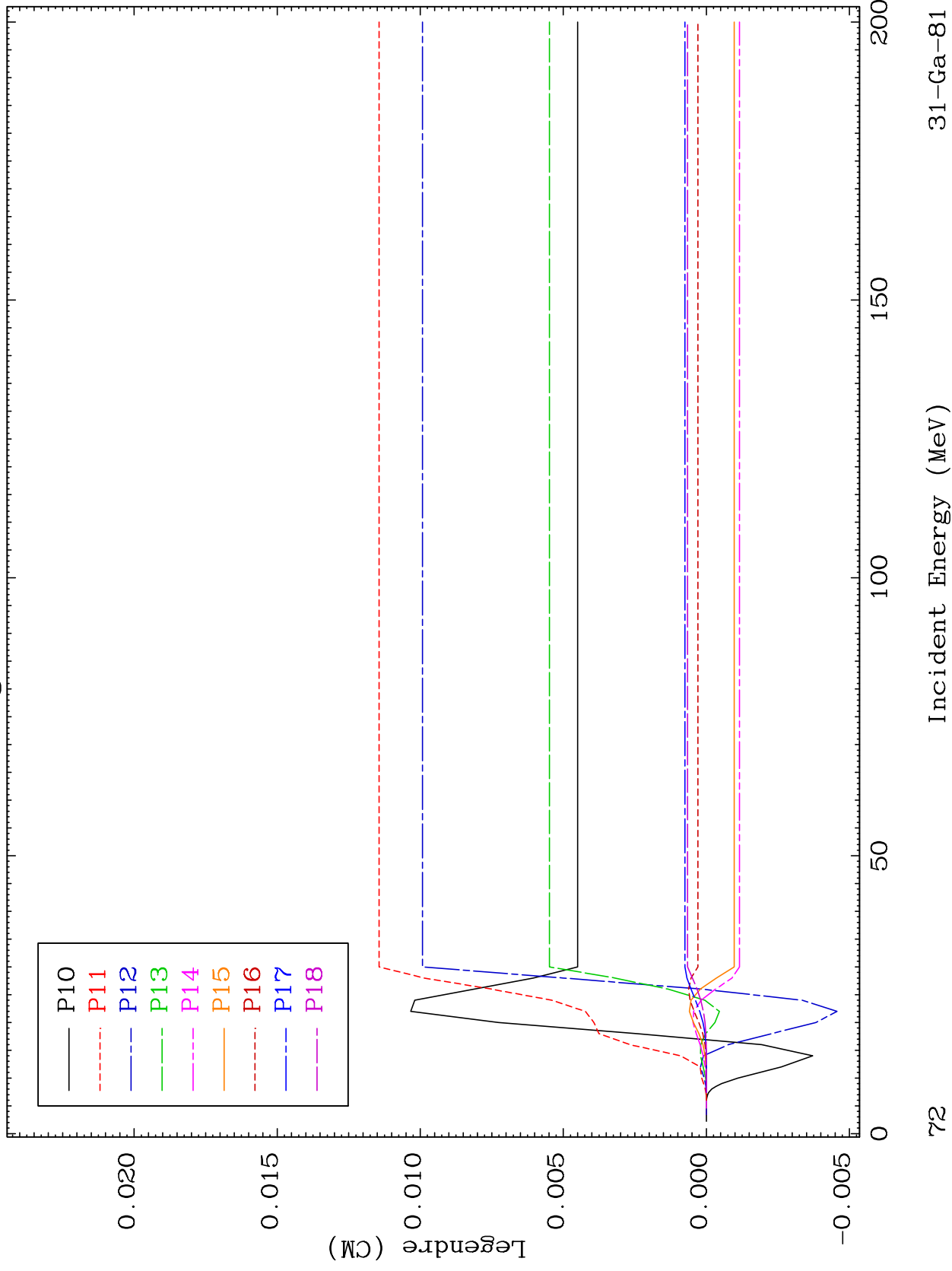
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

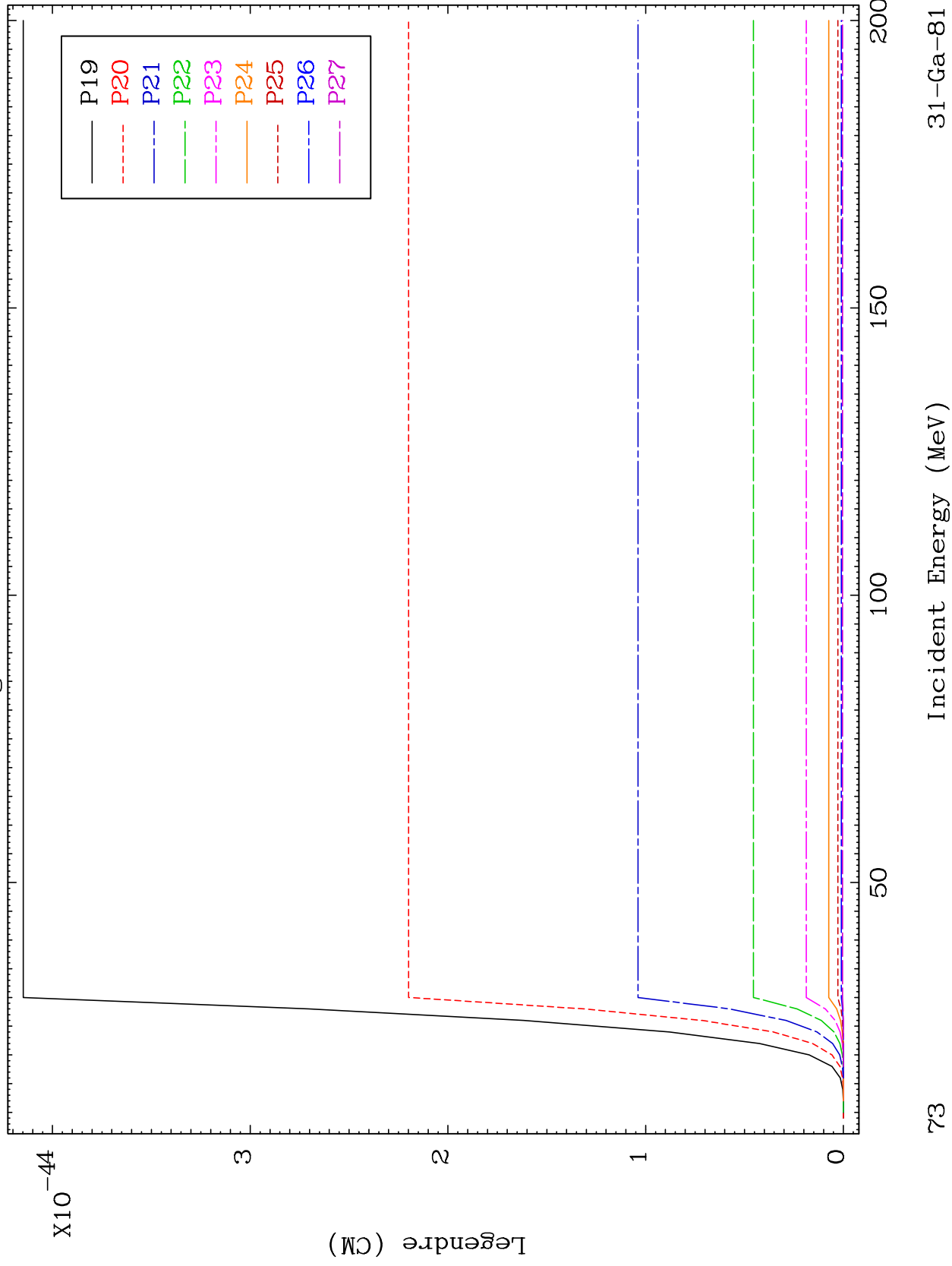
31-Ga-81



MAT 3161

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

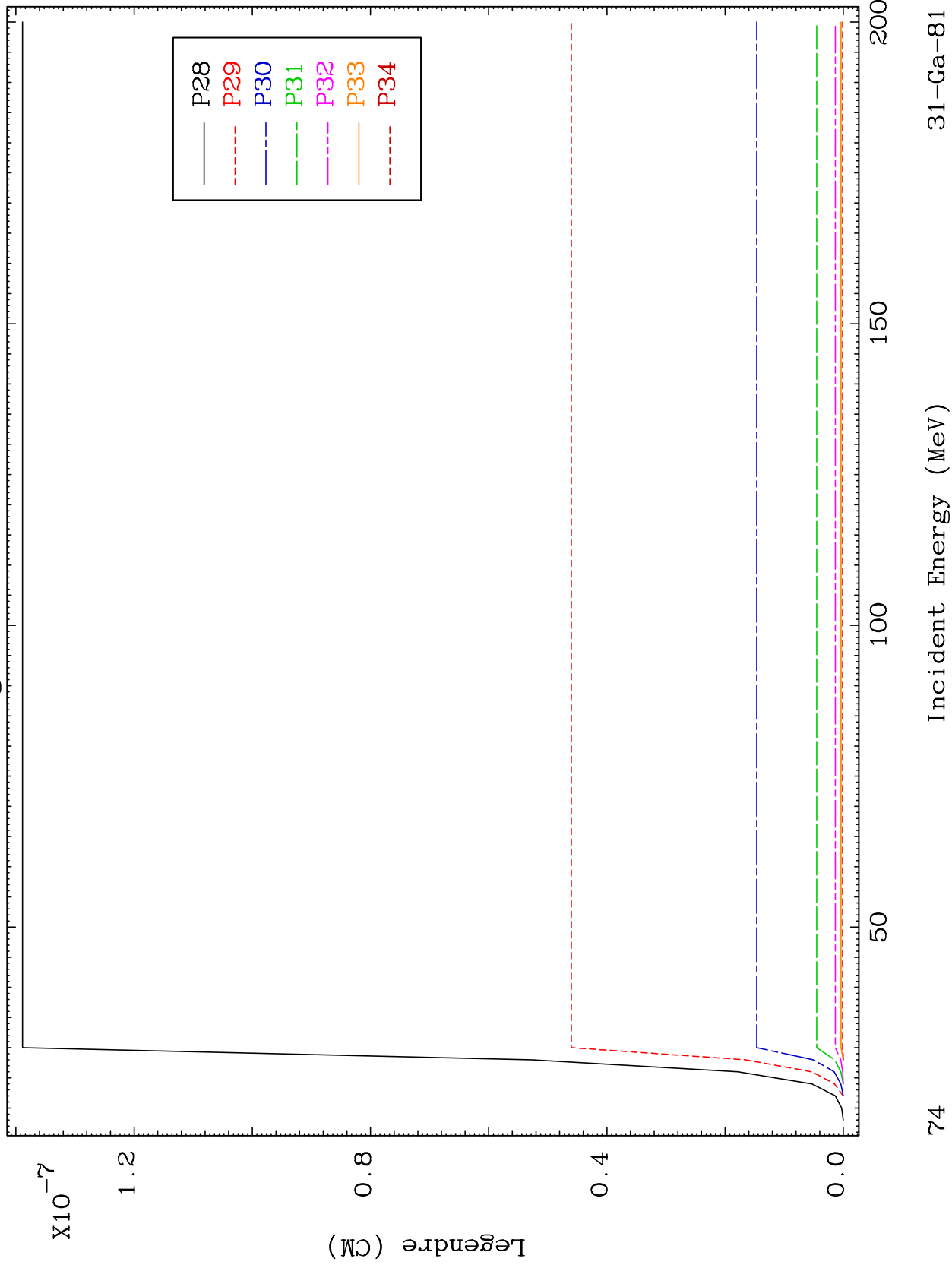
31-Ga-81



MAT 3161

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

31-Ga-81



74

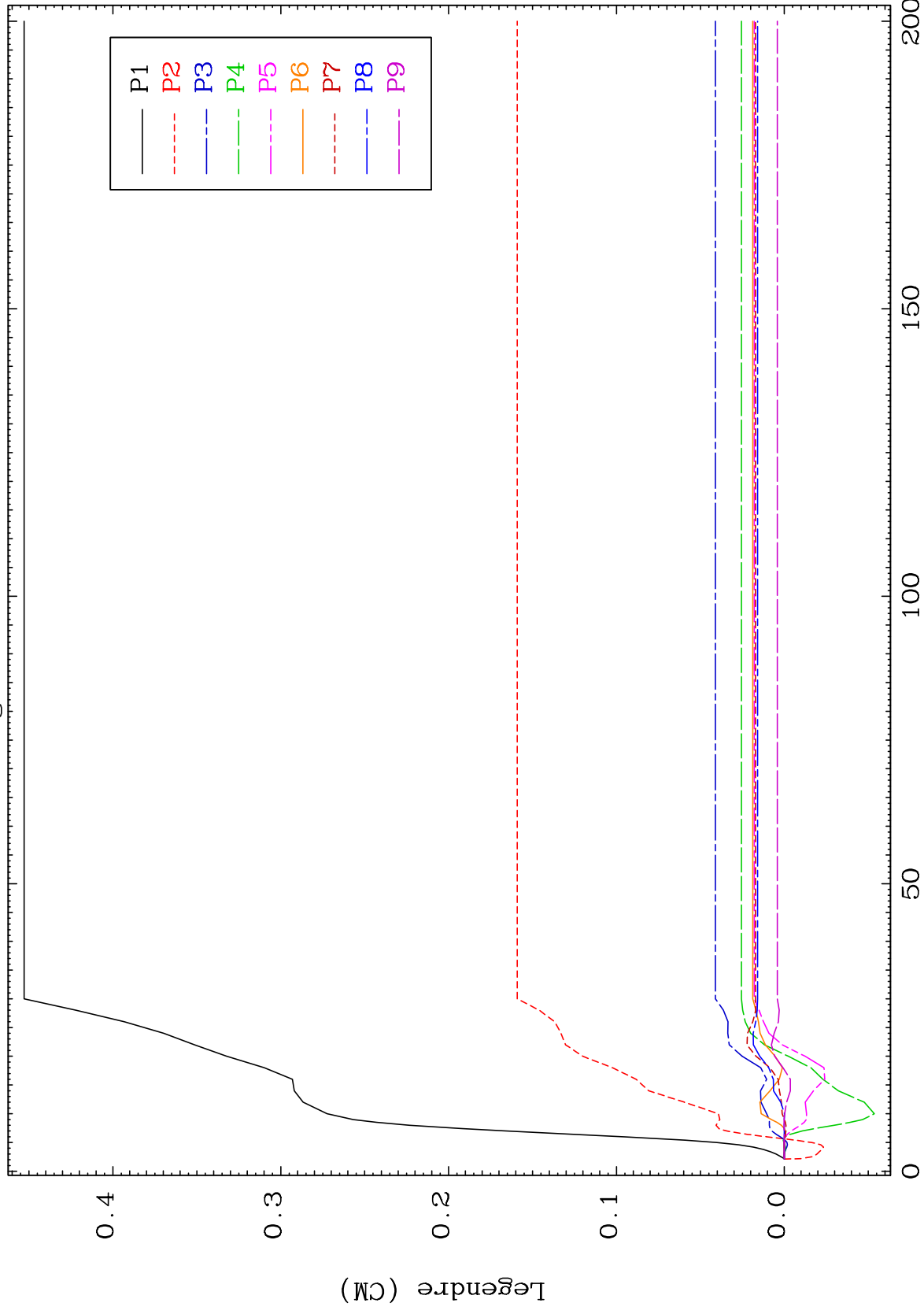
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



75

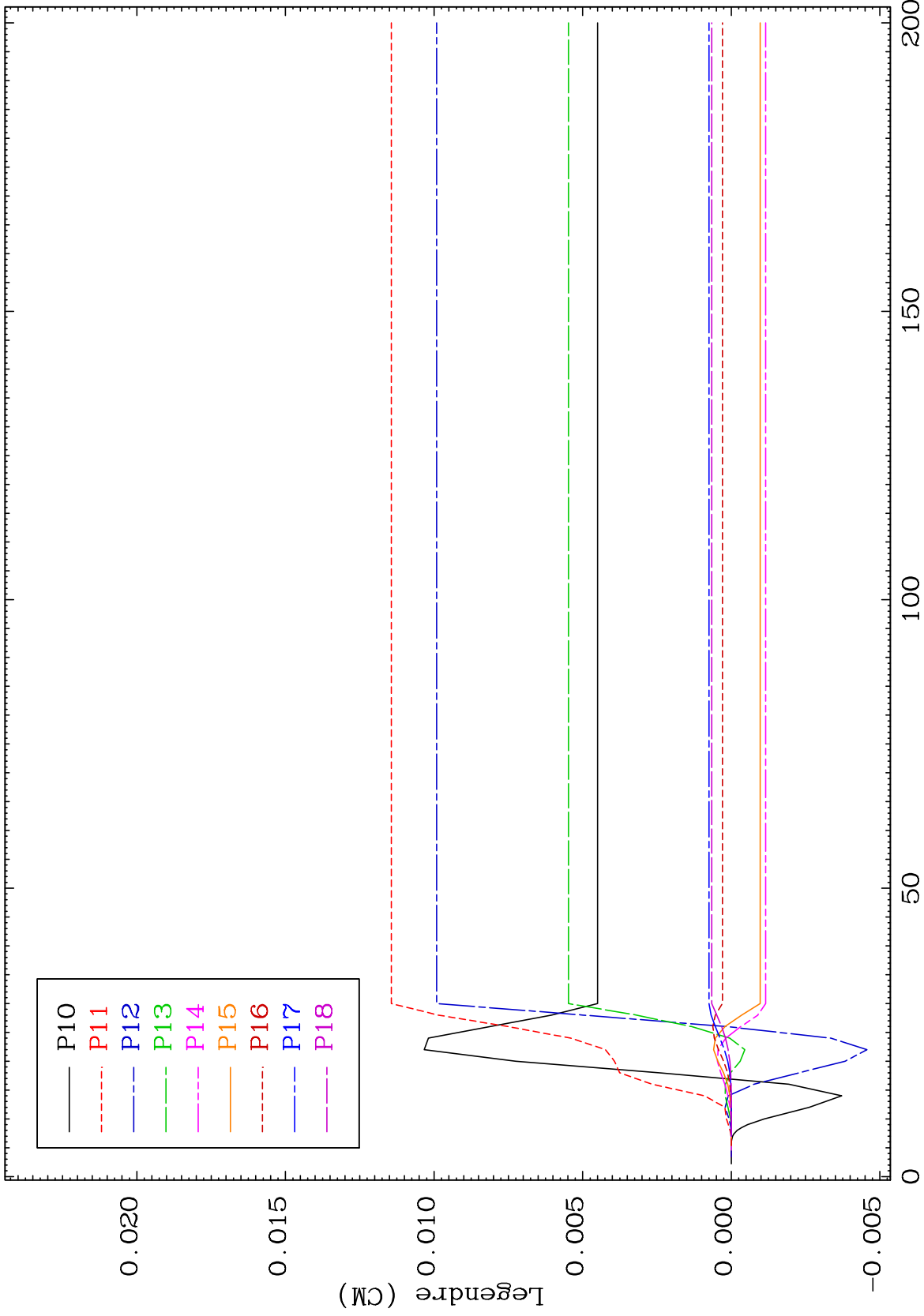
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



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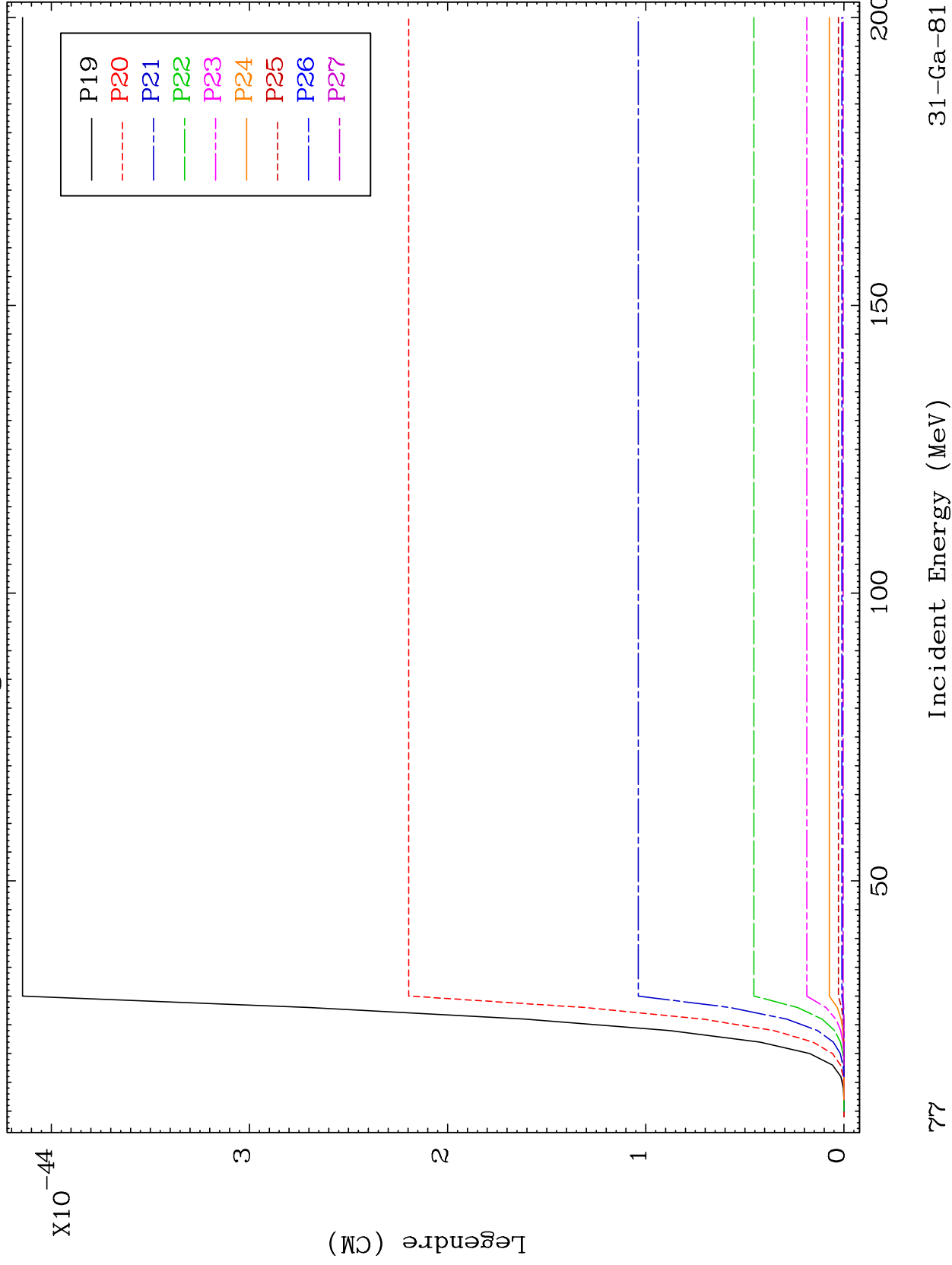
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

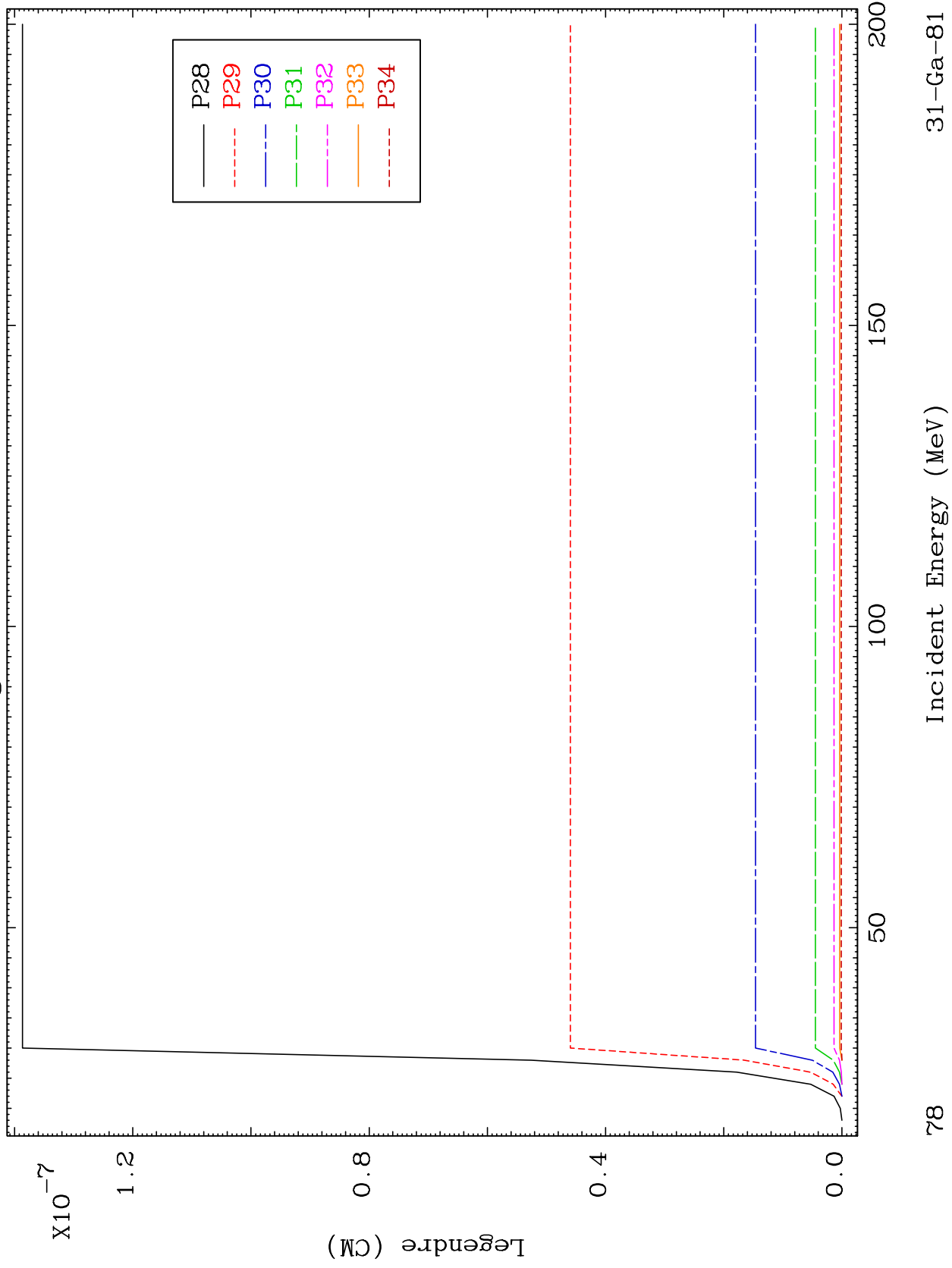
31-Ga-81

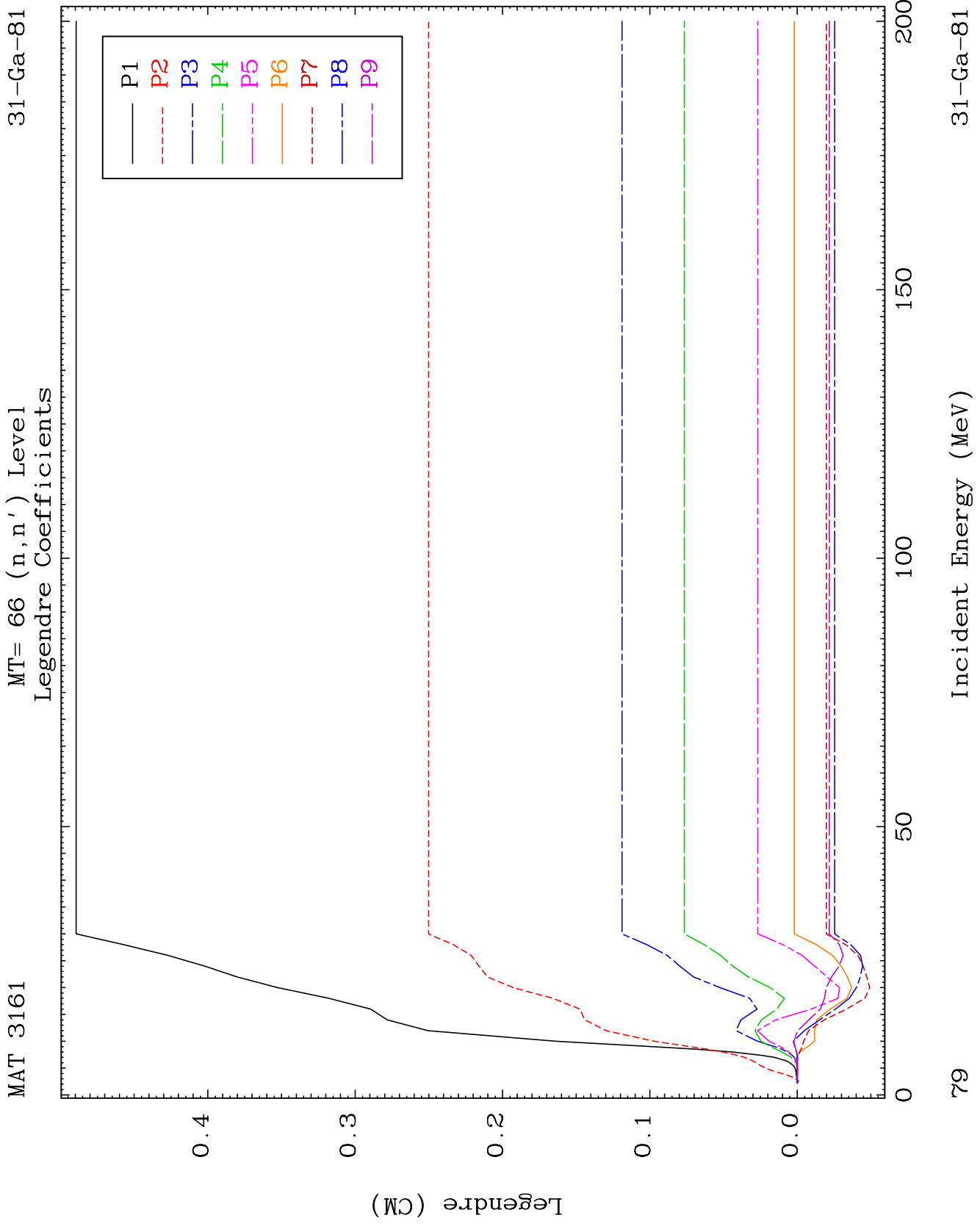


MAT 3161

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

31-Ga-81

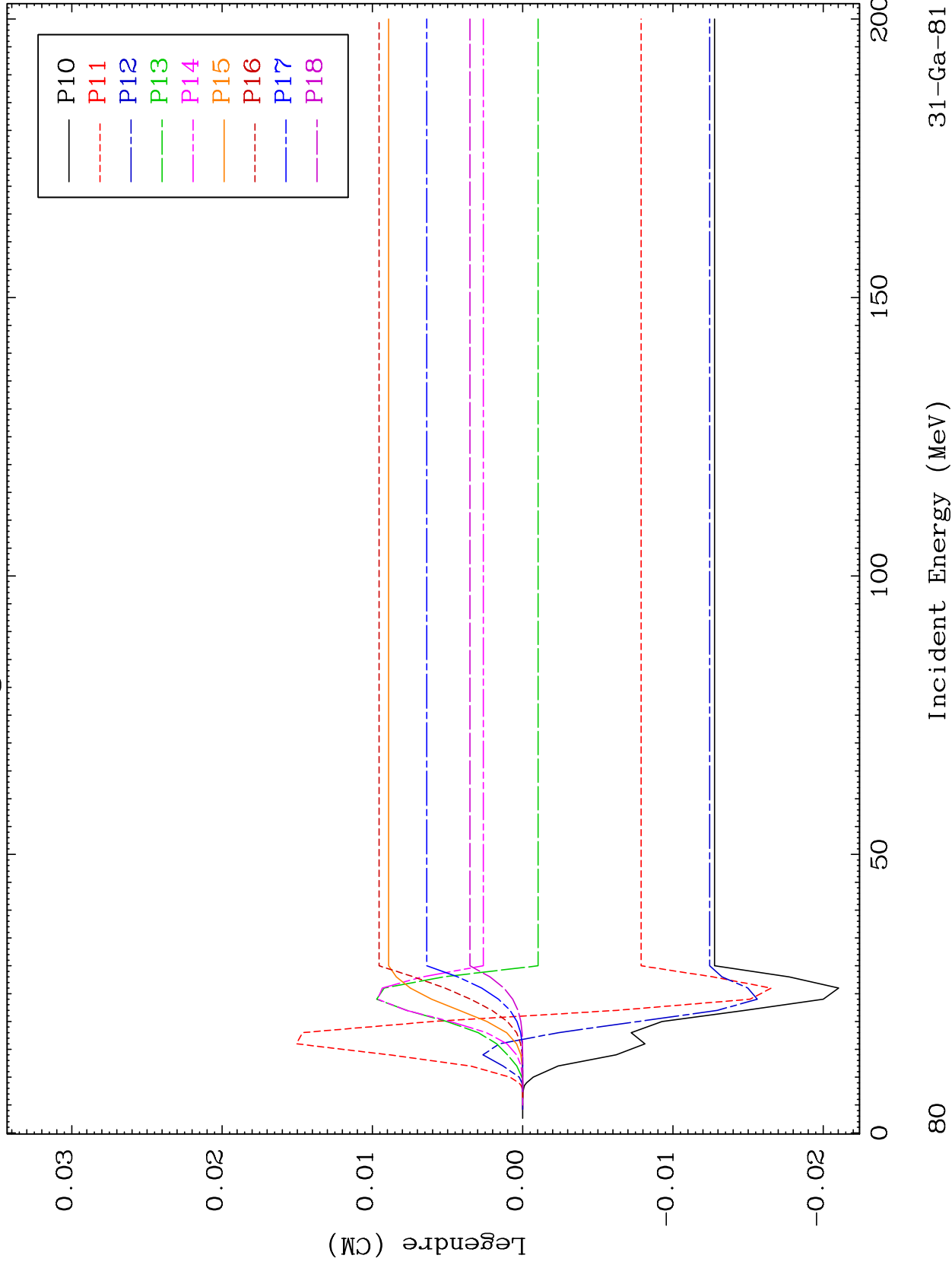




MAT 3161

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

31-Ga-81



31-Ga-81

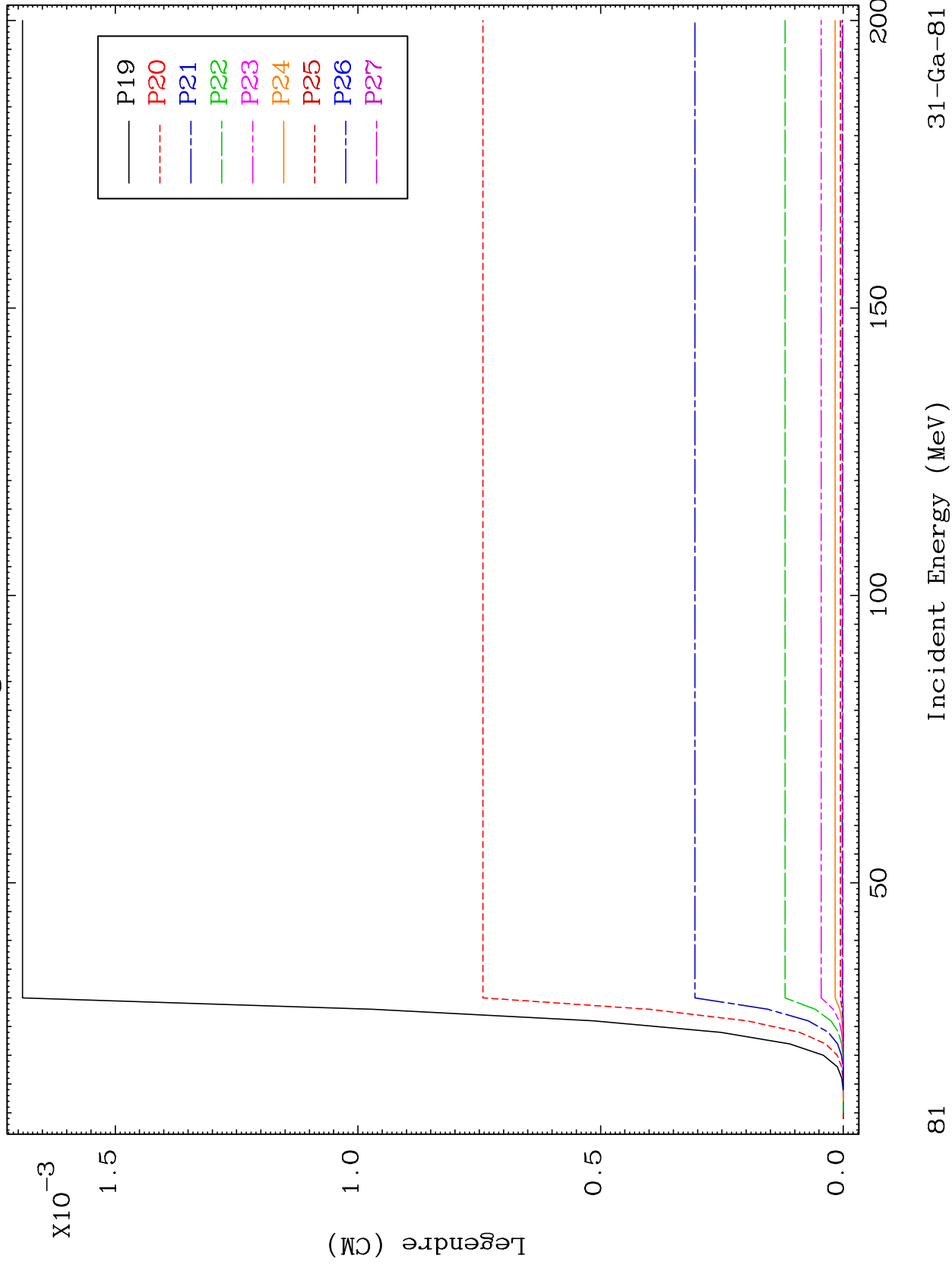
Incident Energy (MeV)

80

MAT 3161

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

31-Ga-81



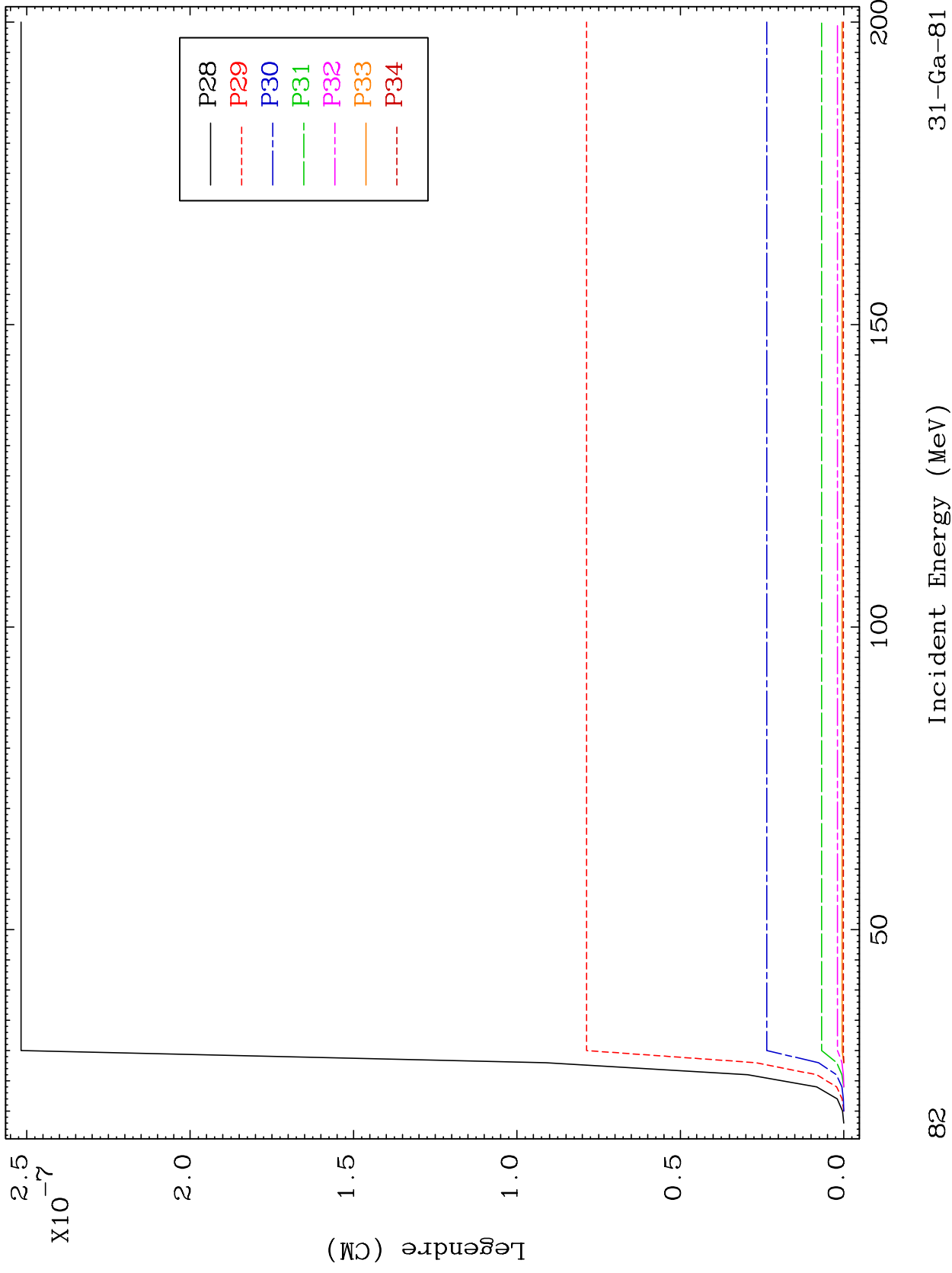
81

31-Ga-81

MAT 3161

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

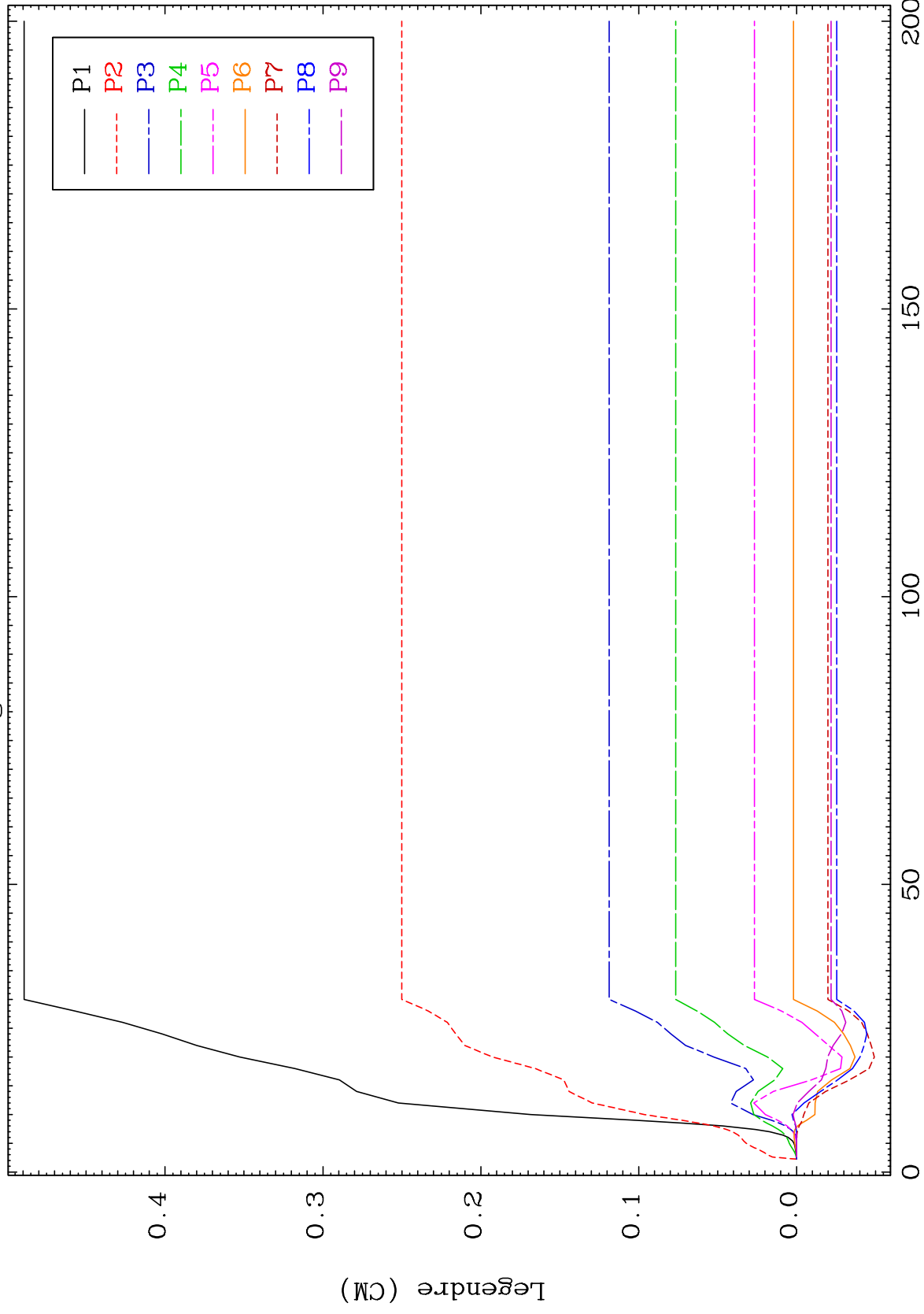
31-Ga-81



MAT 3161

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

31-Ga-81



83

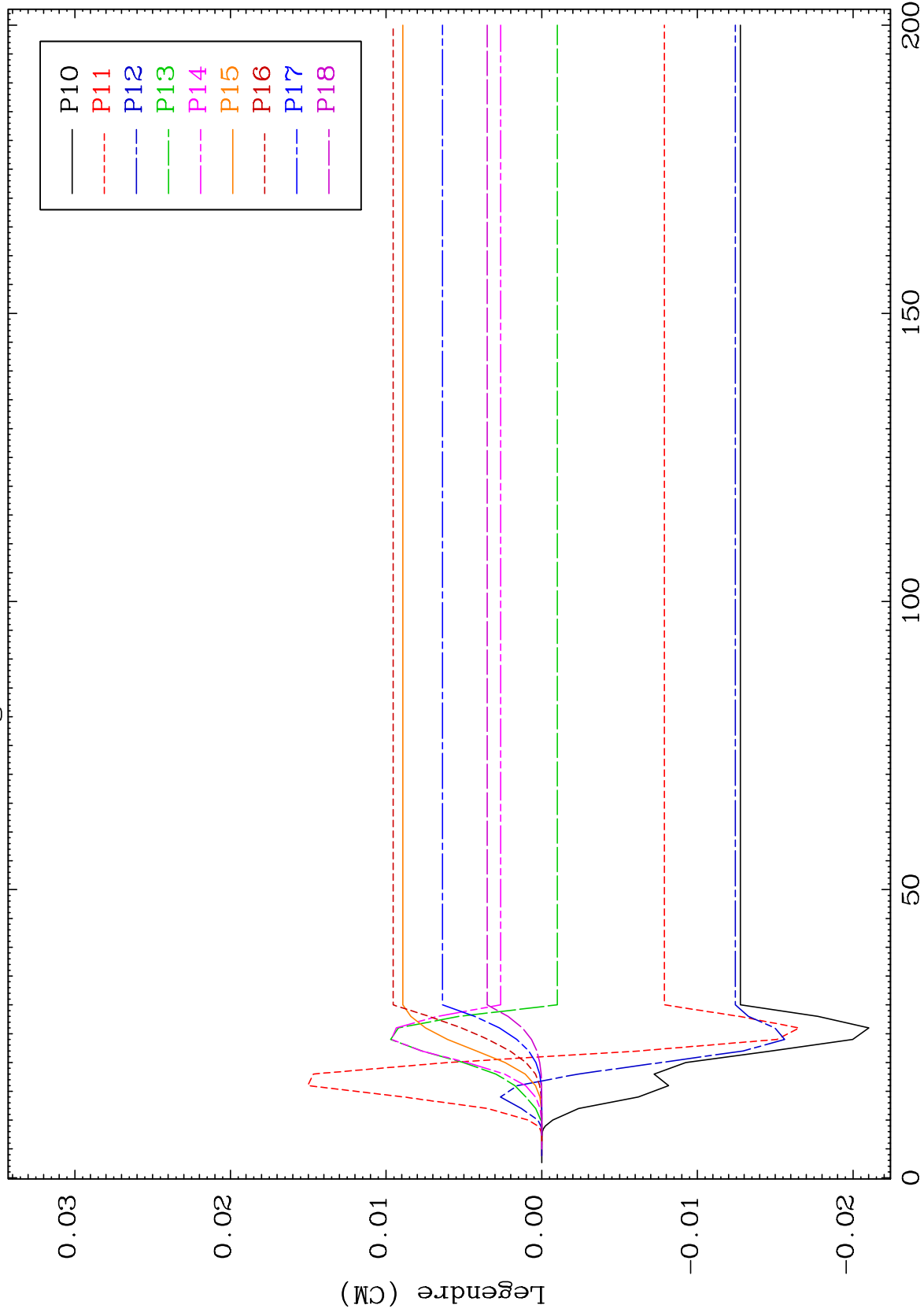
Incident Energy (MeV)

31-Ga-81

MAT 3161

31-Ga-81

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



84

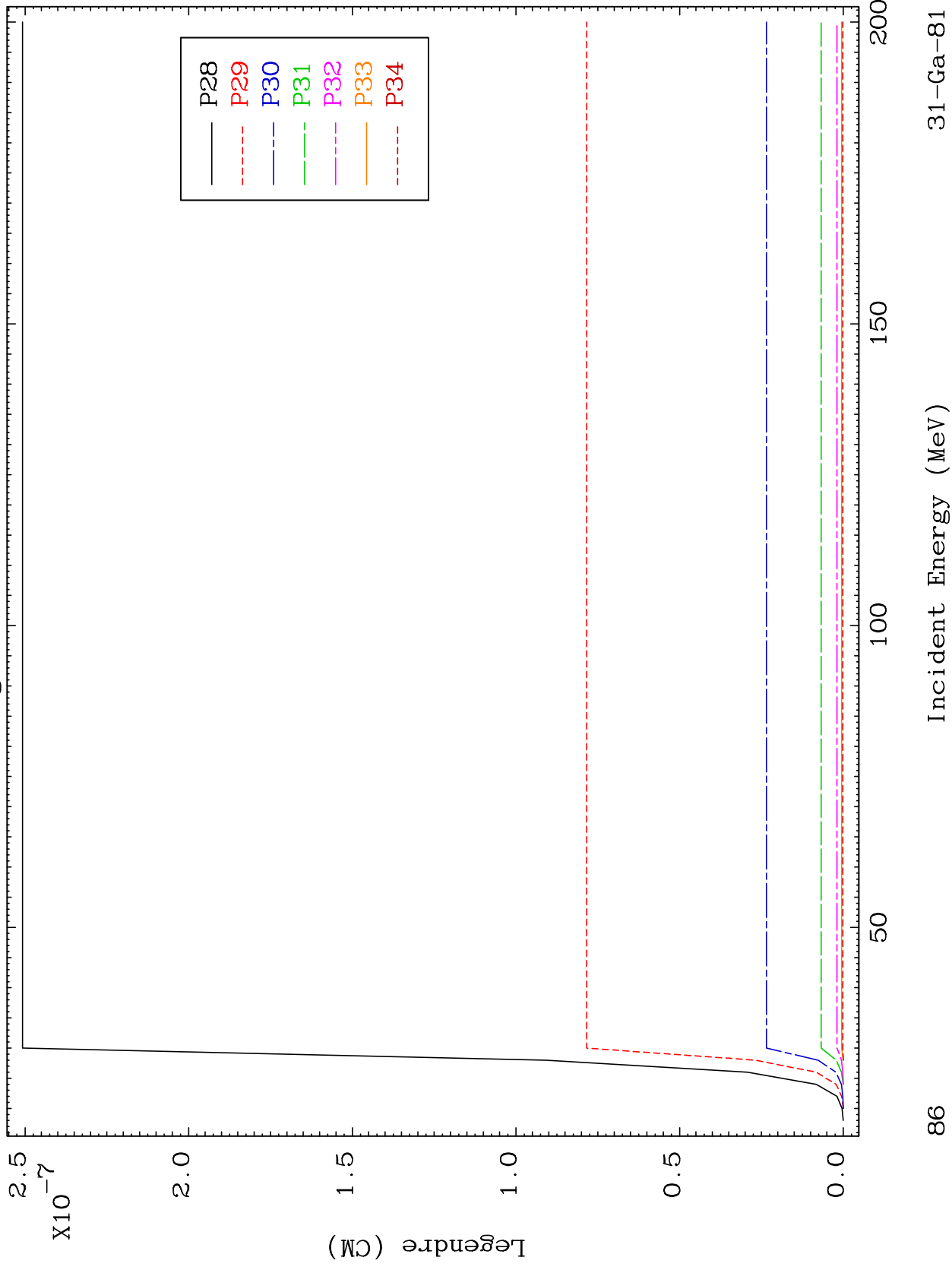
Incident Energy (MeV)

31-Ga-81

MAT 3161

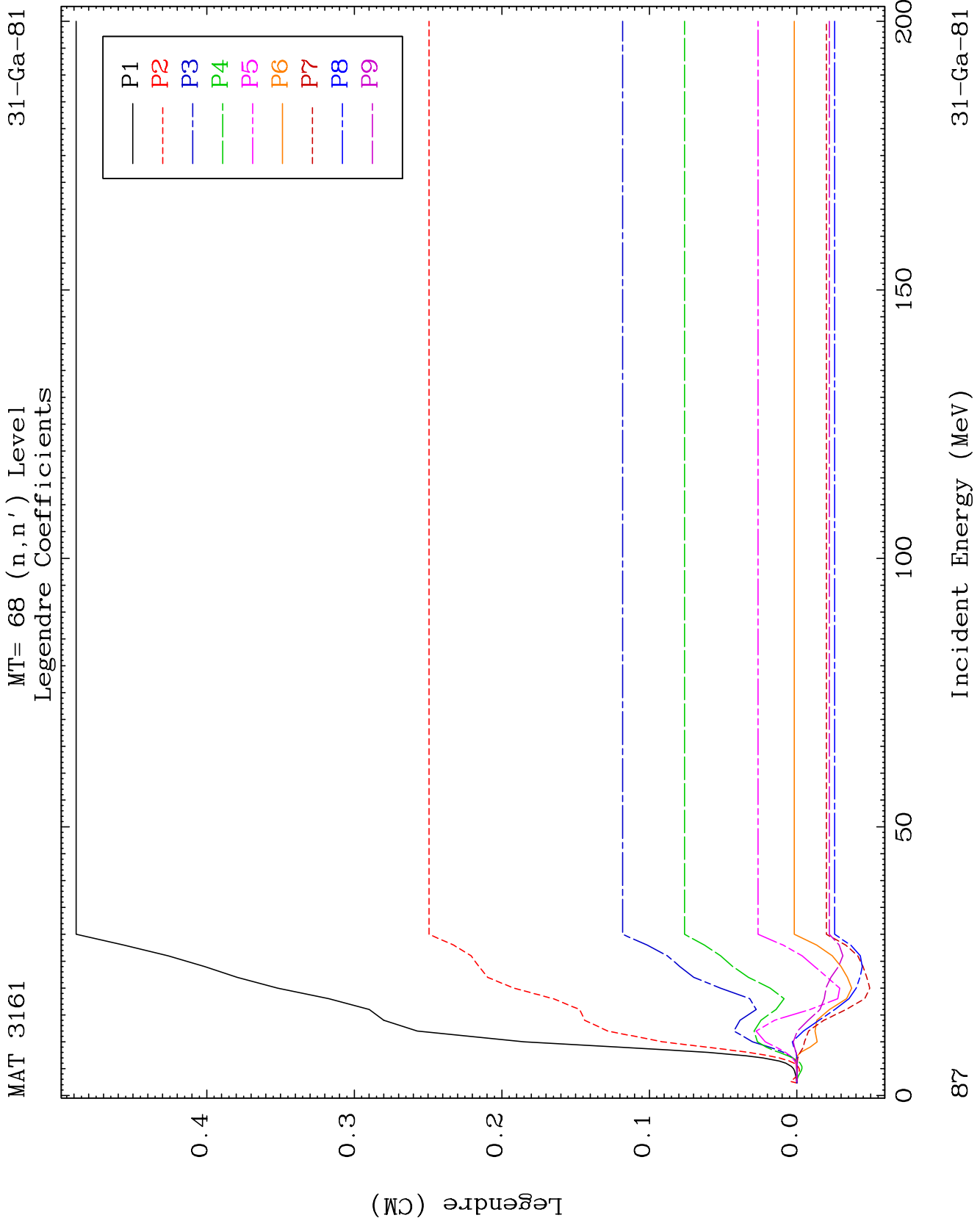
MT= 67 (n,n') Level
Legendre Coefficients

31-Ga-81



86

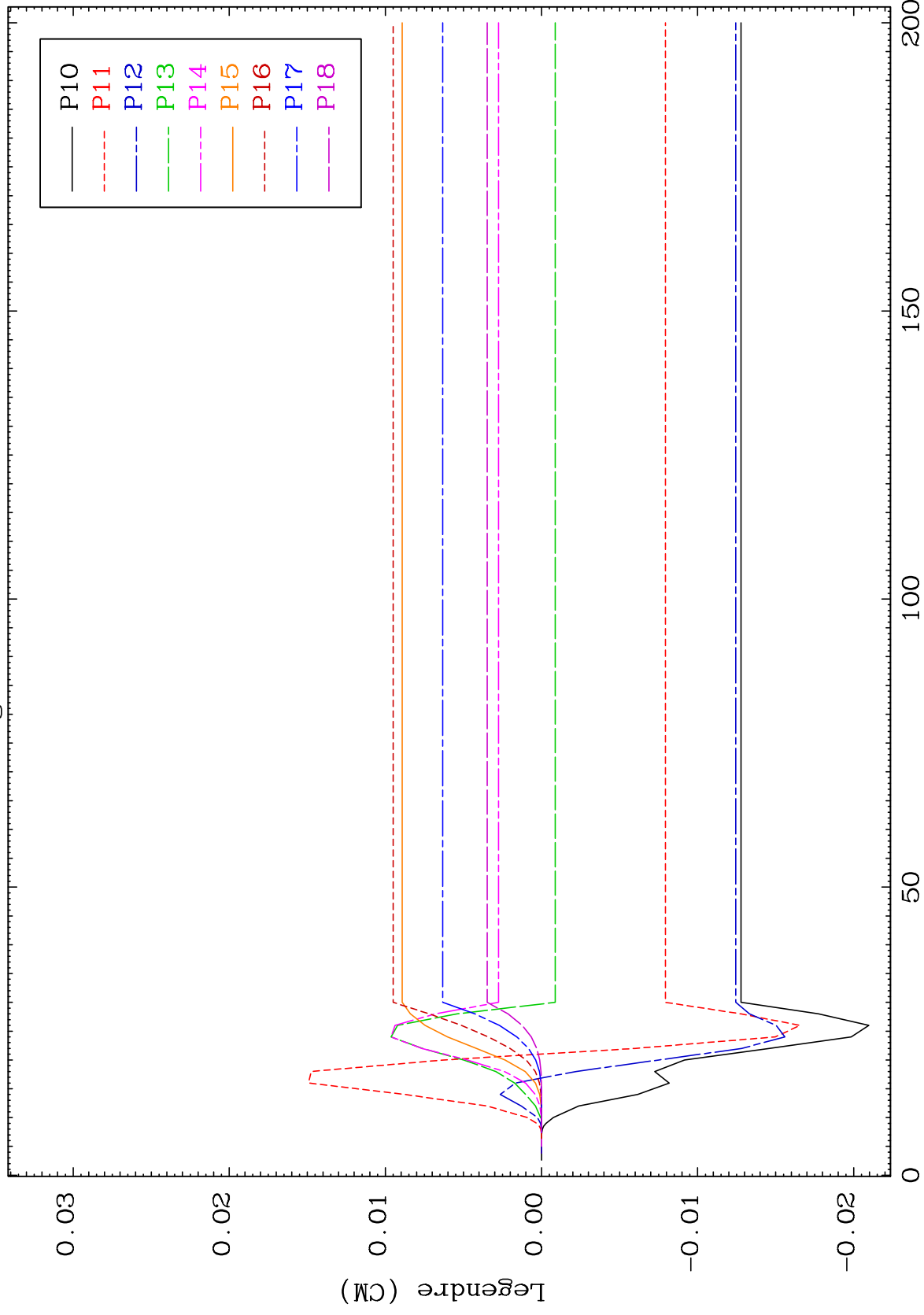
31-Ga-81



MAT 3161

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

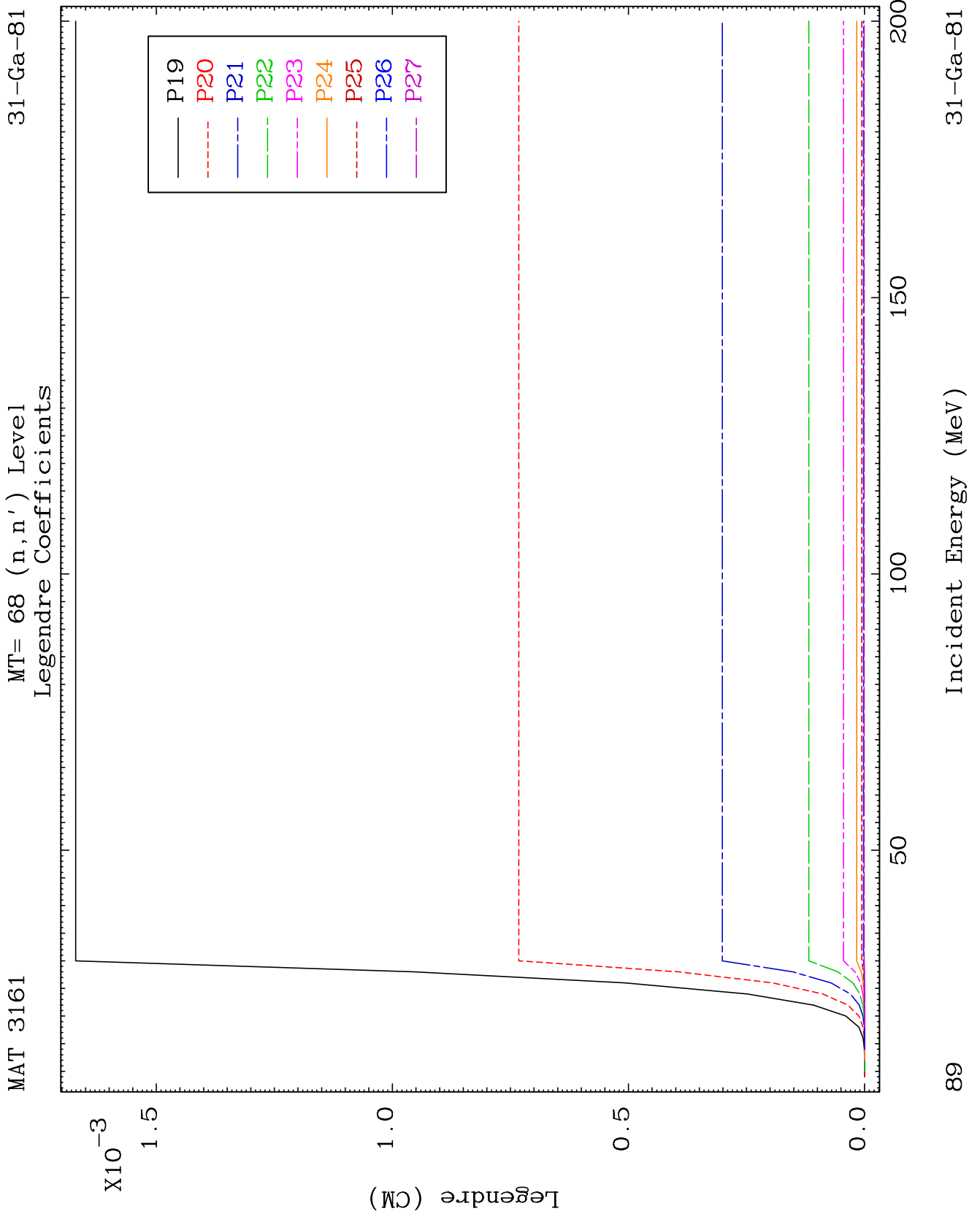
31-Ga-81

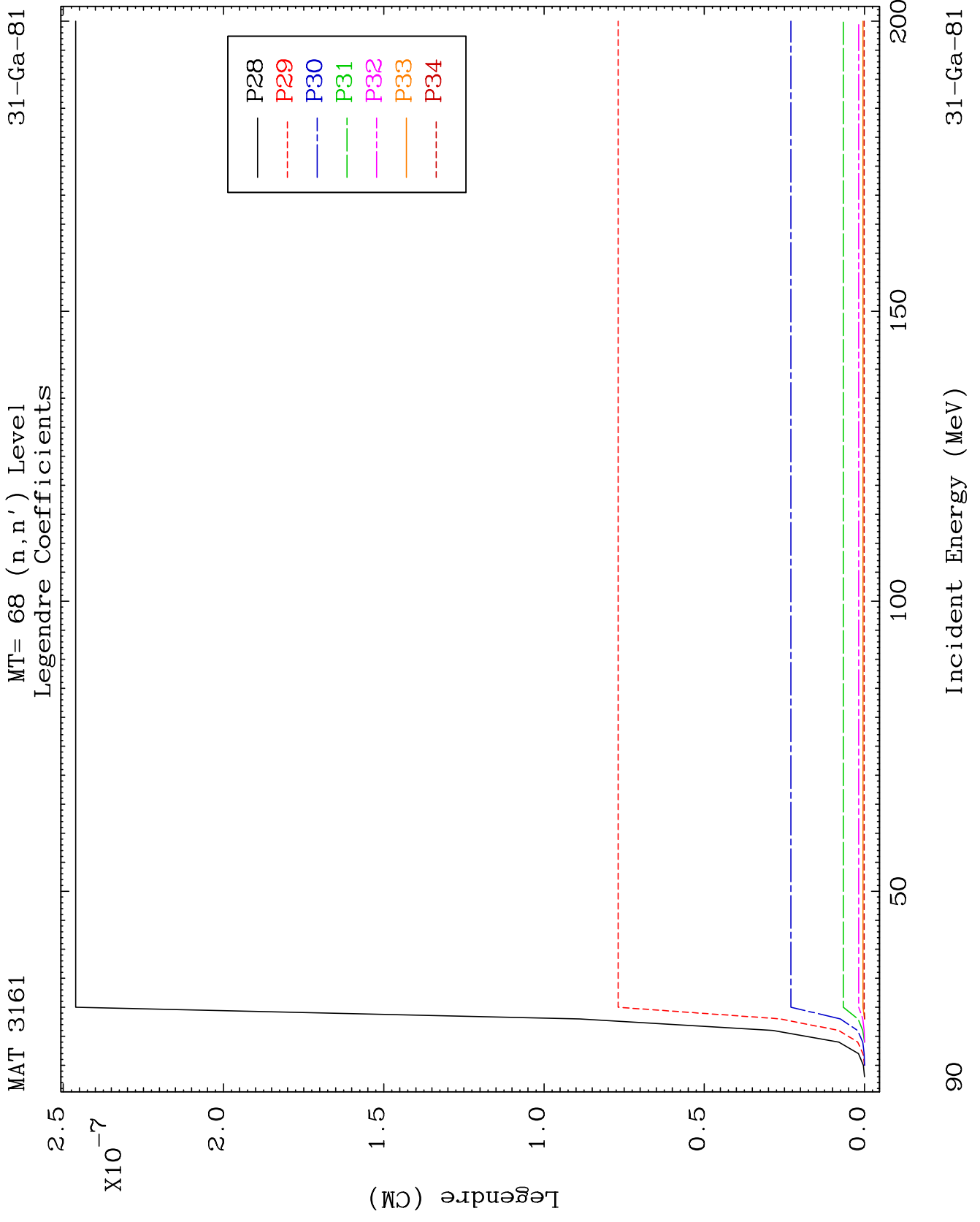


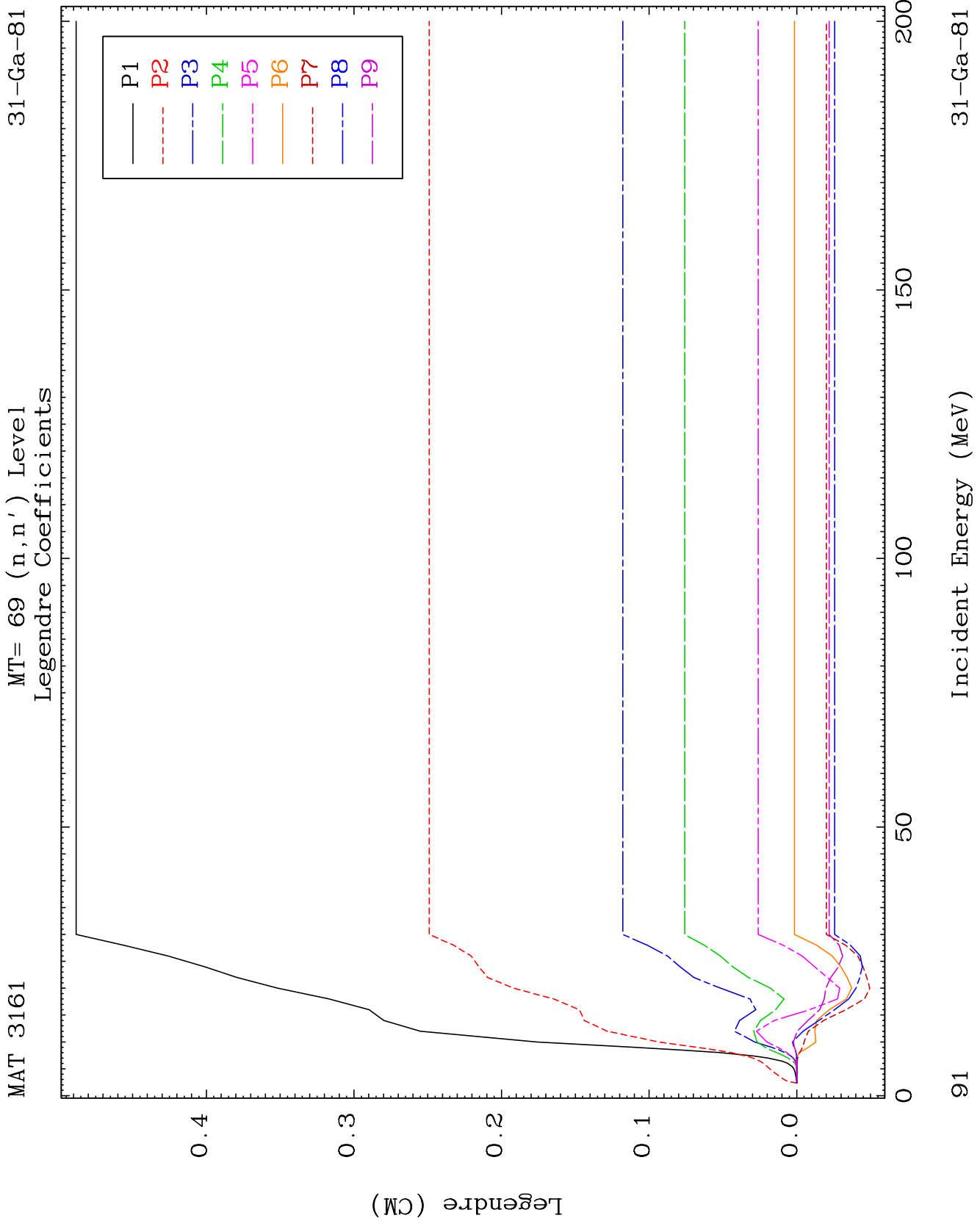
88

Incident Energy (MeV)

31-Ga-81



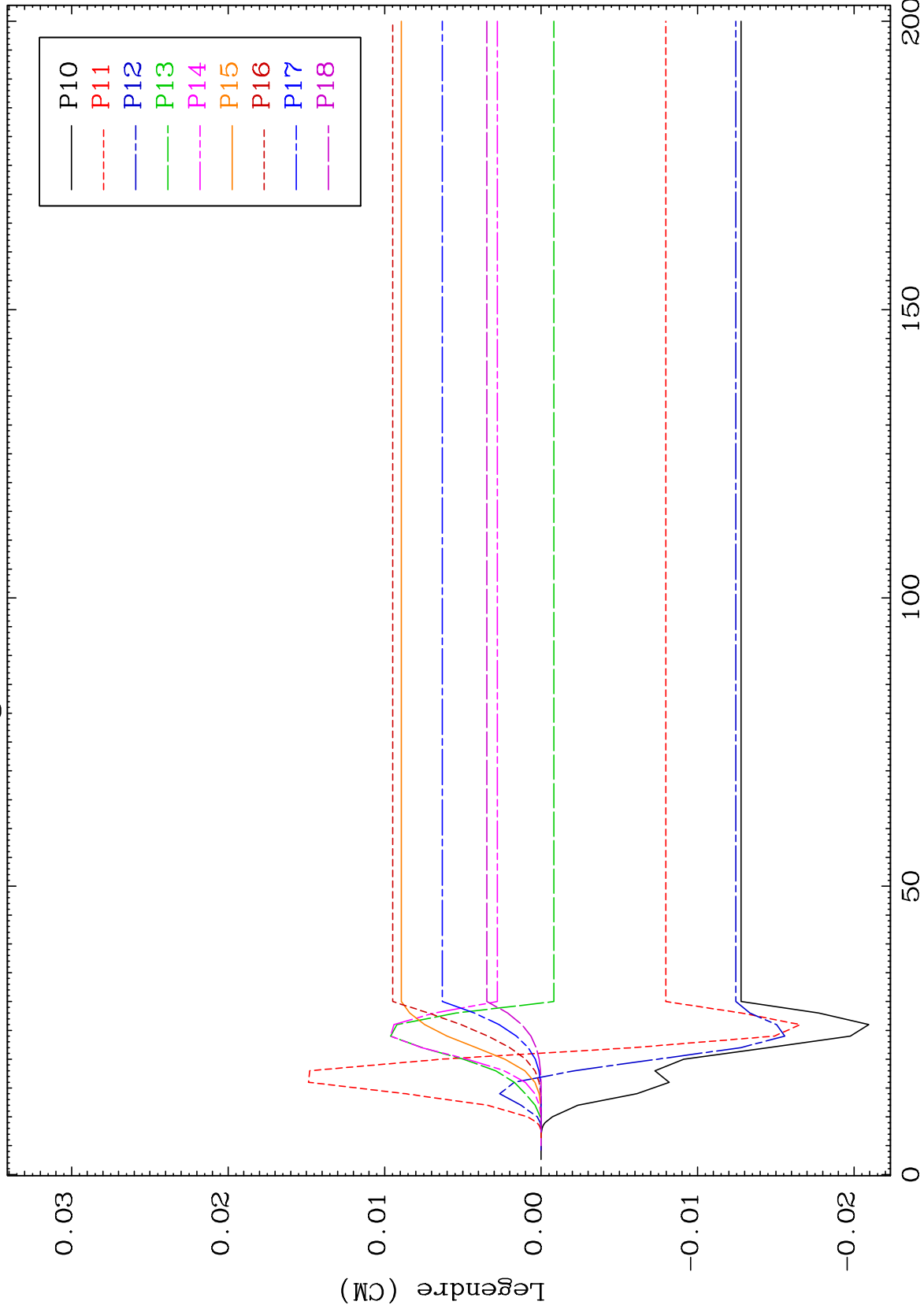




MAT 3161

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

31-Ga-81



92

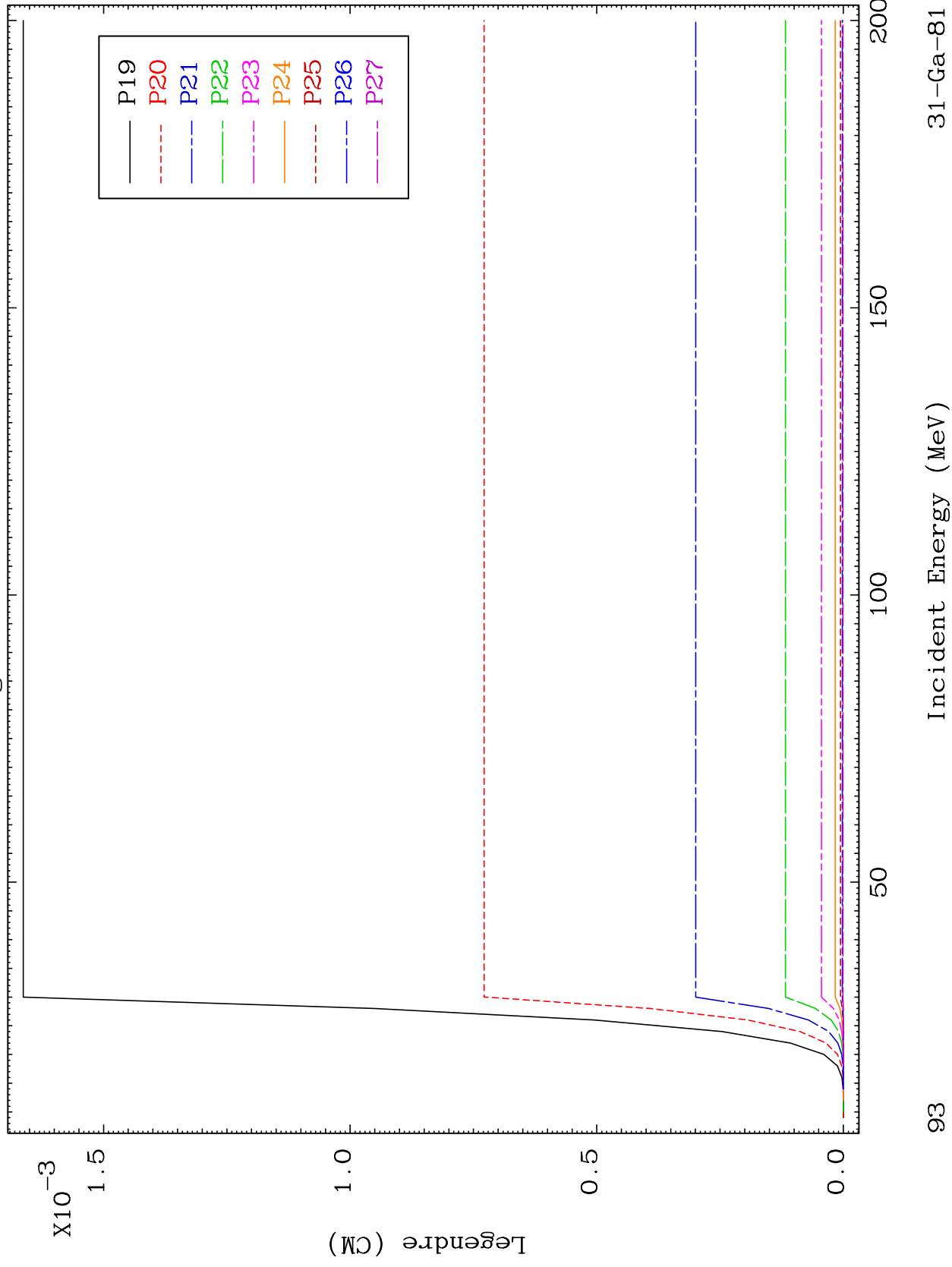
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

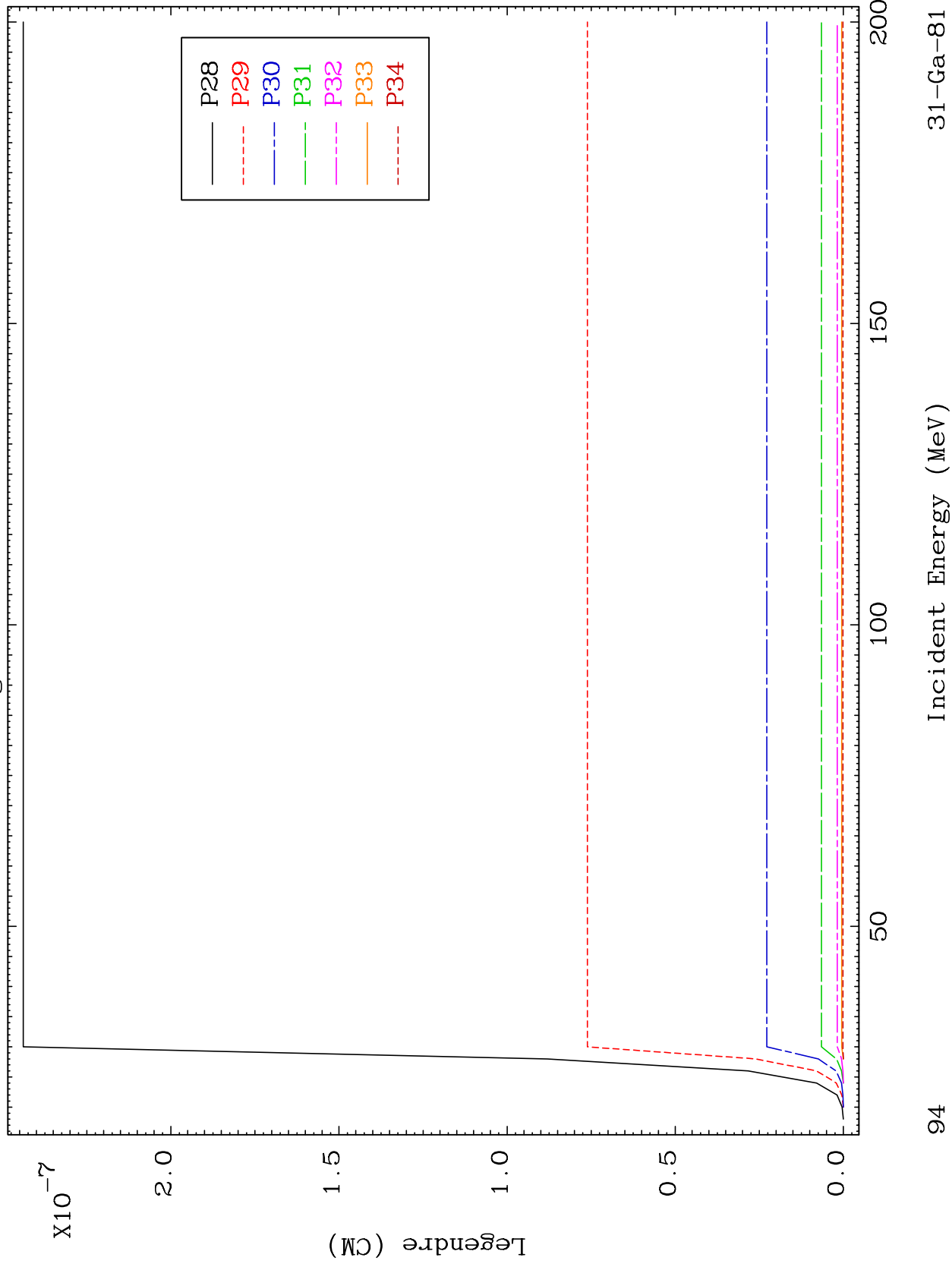
31-Ga-81



MAT 3161

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

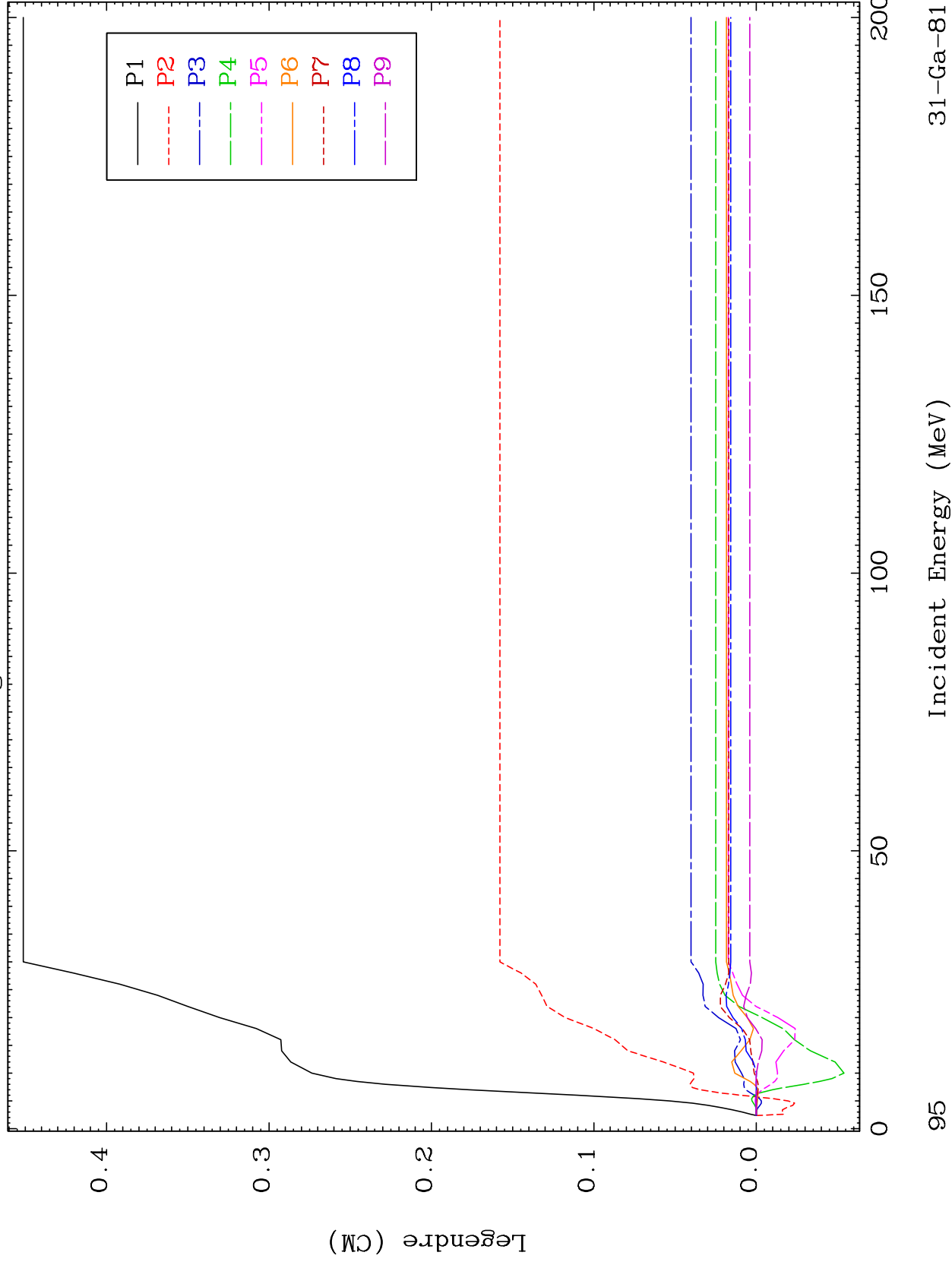
31-Ga-81



MAT 3161

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

31-Ga-81



95

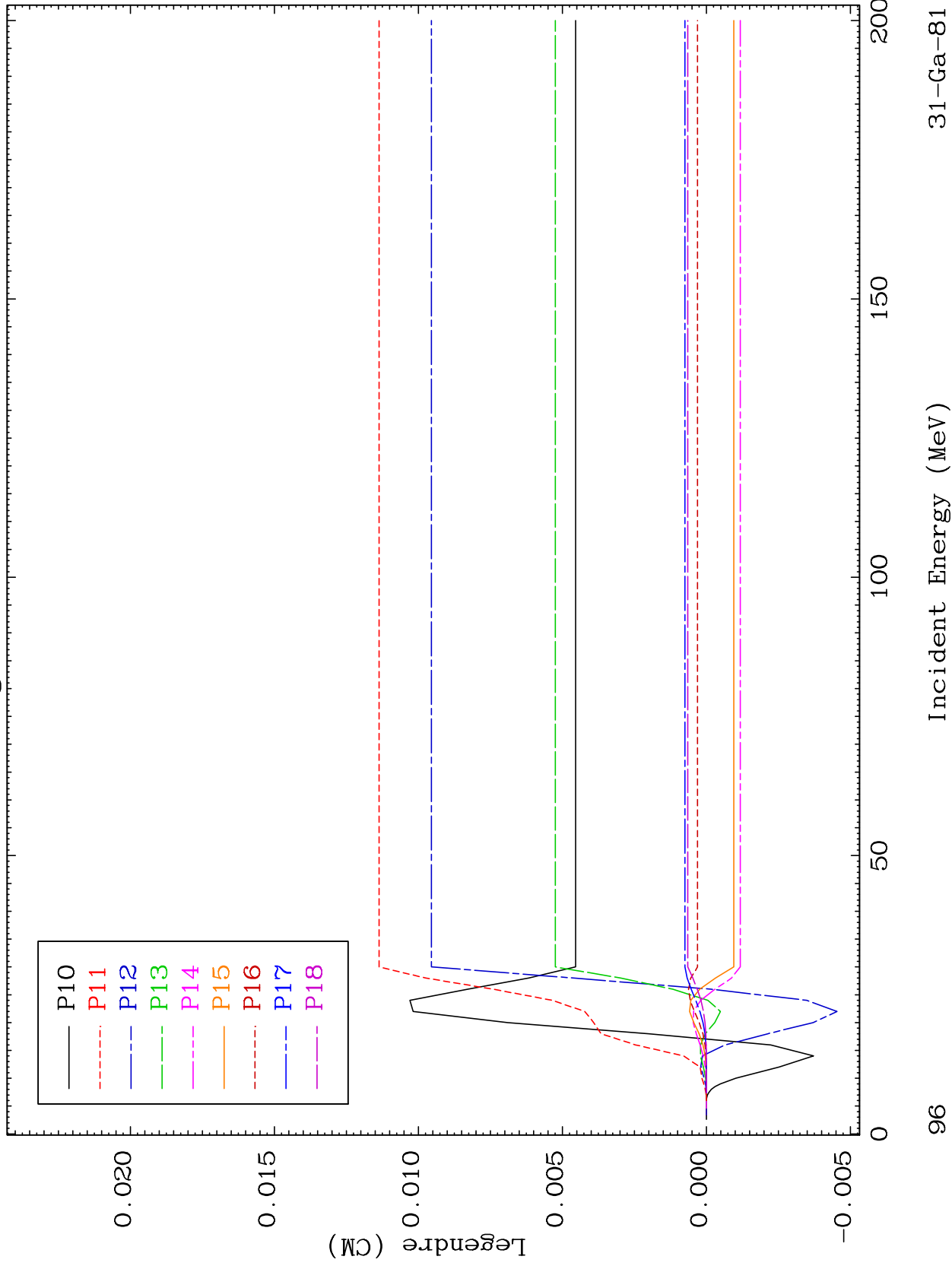
Incident Energy (MeV)

31-Ga-81

MAT 3161

31-Ga-81

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



96

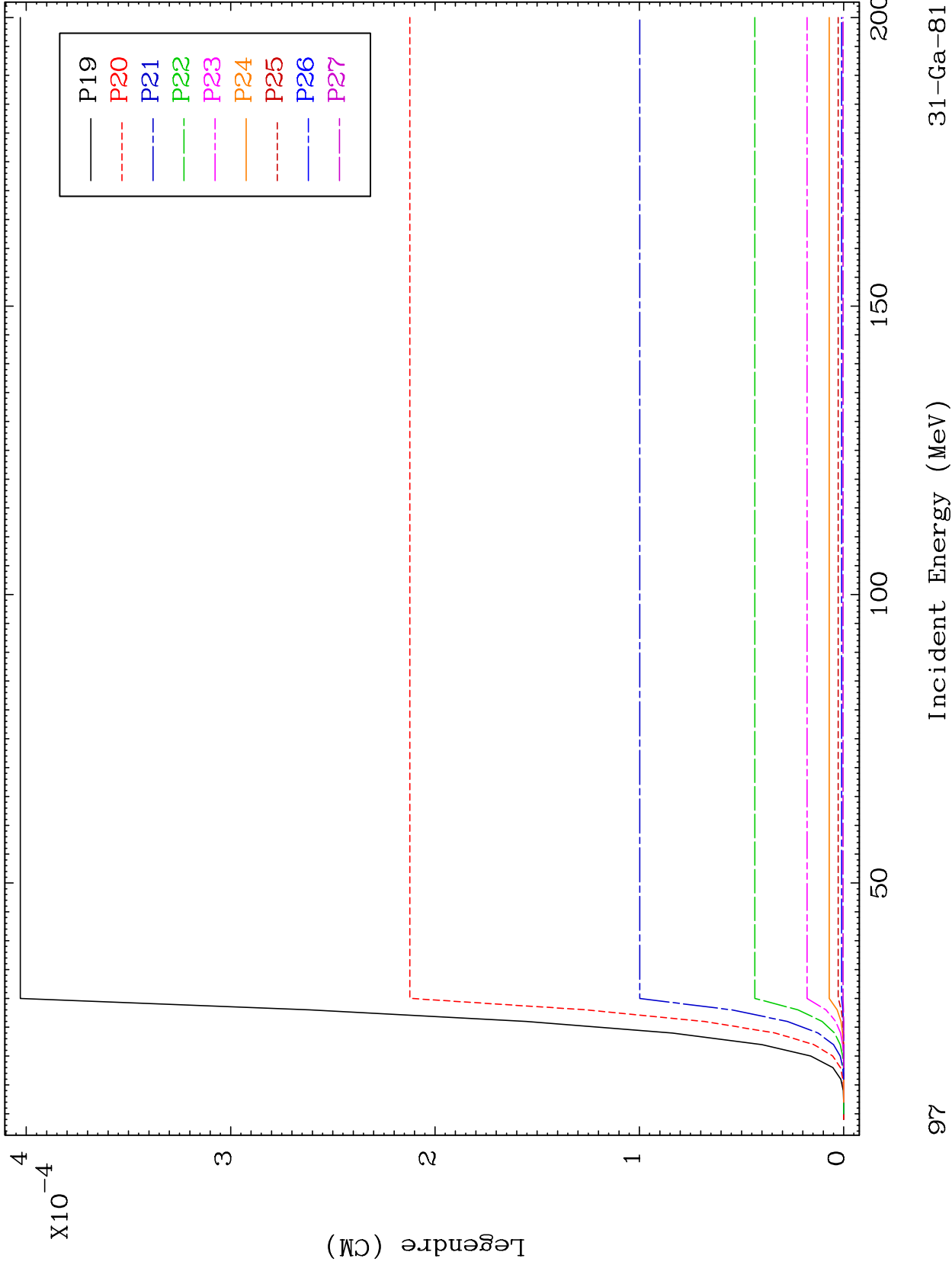
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

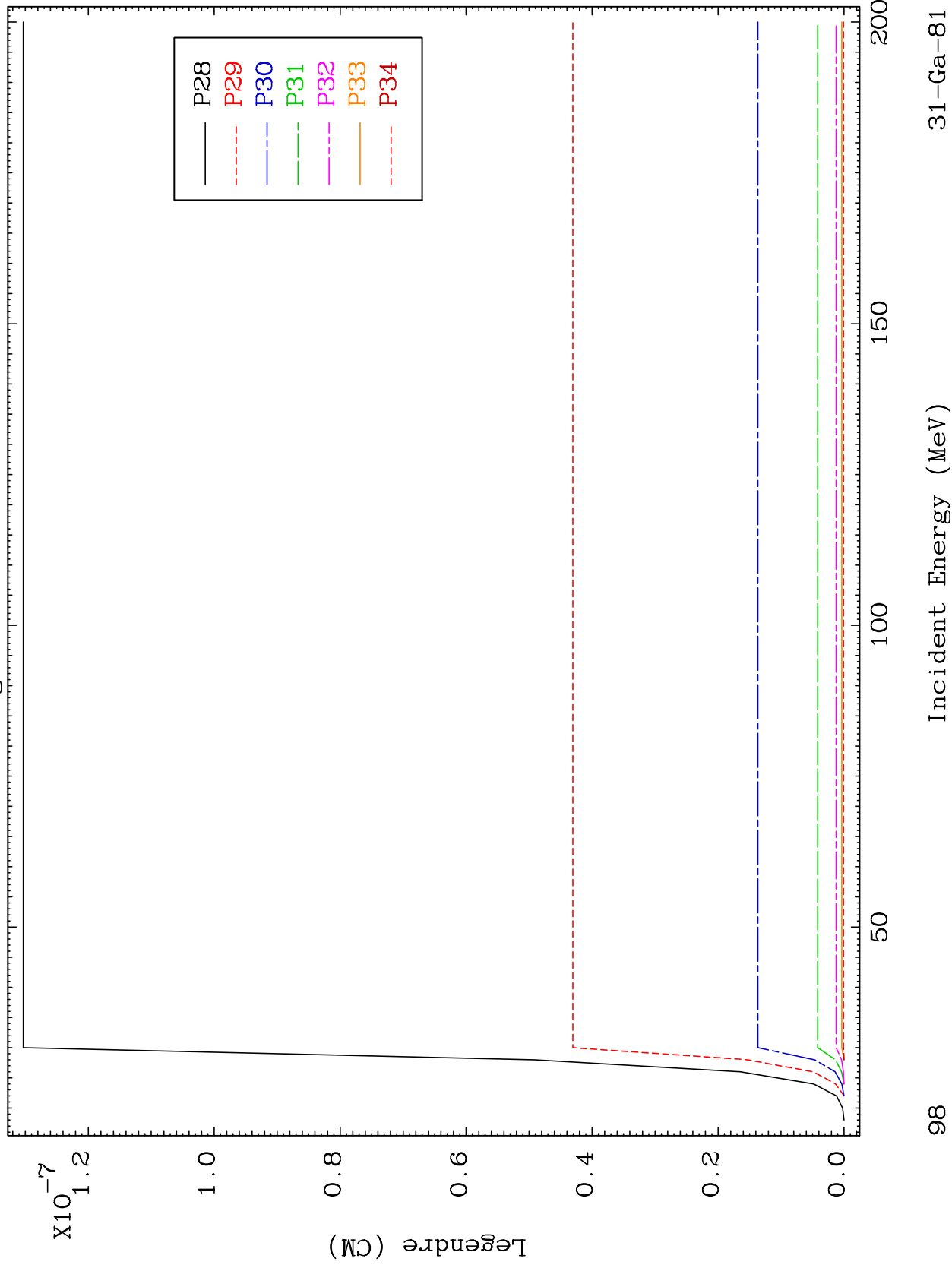
31-Ga-81



MAT 3161

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

31-Ga-81



98

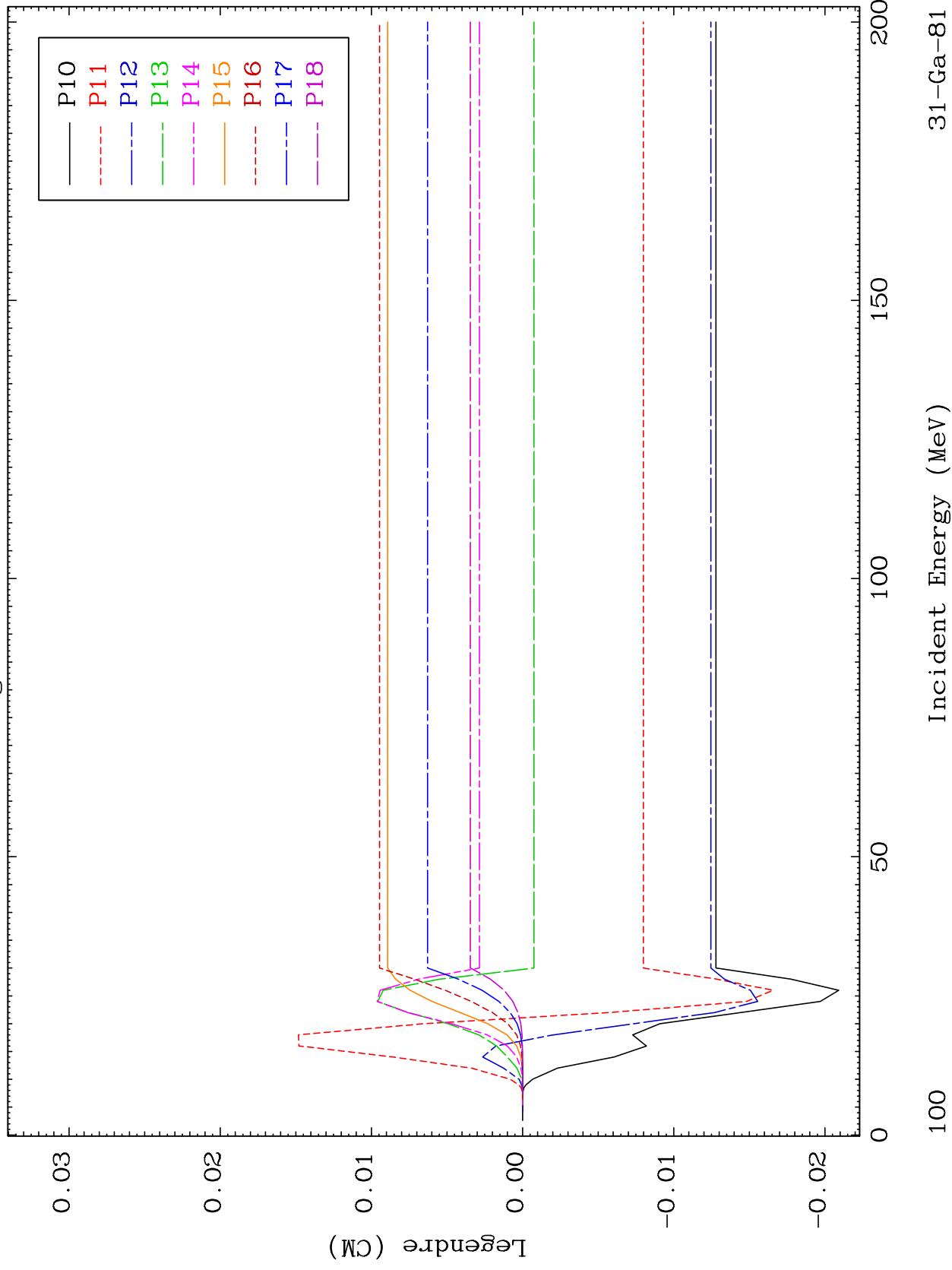
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



31-Ga-81

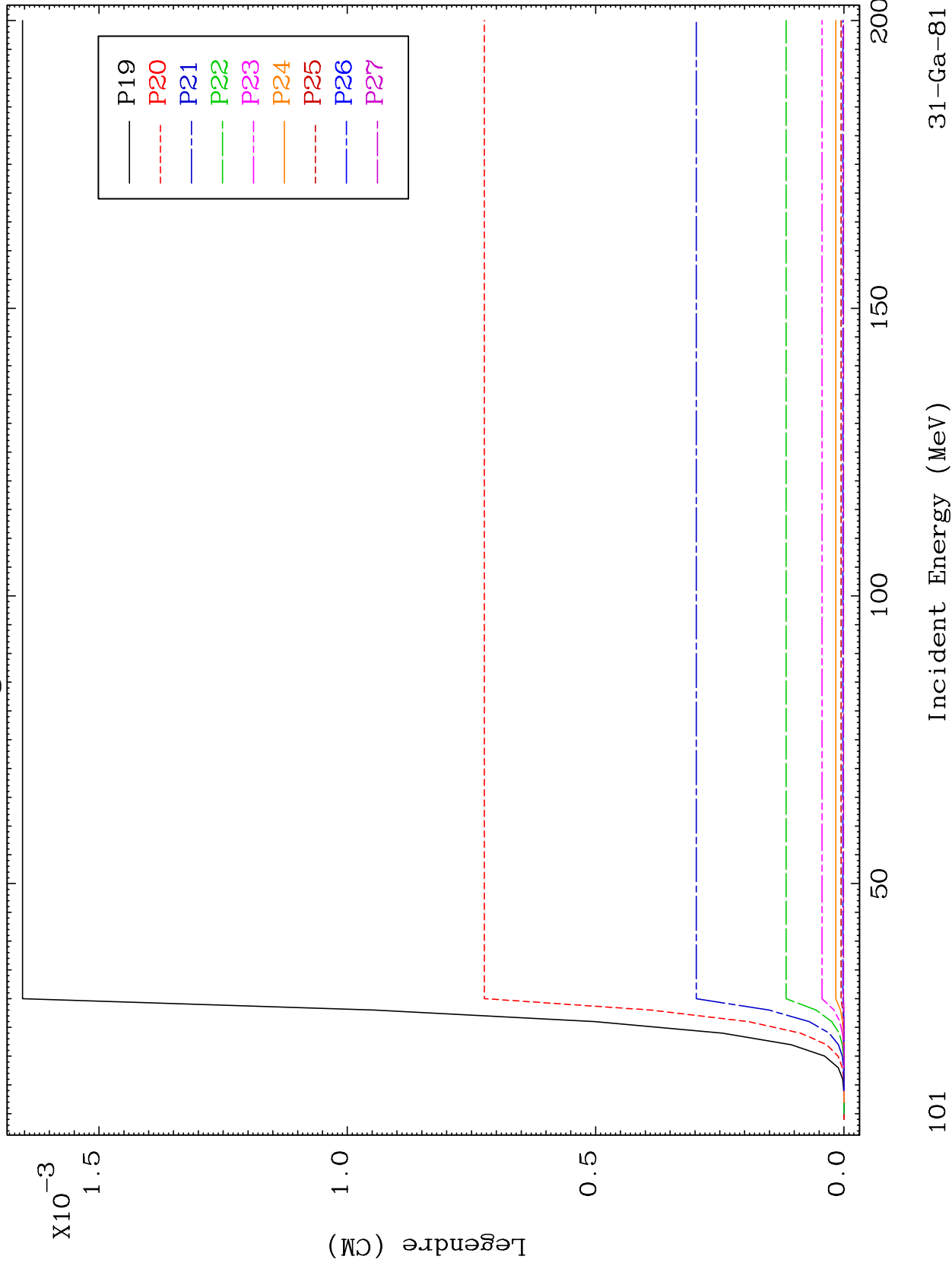
Incident Energy (MeV)

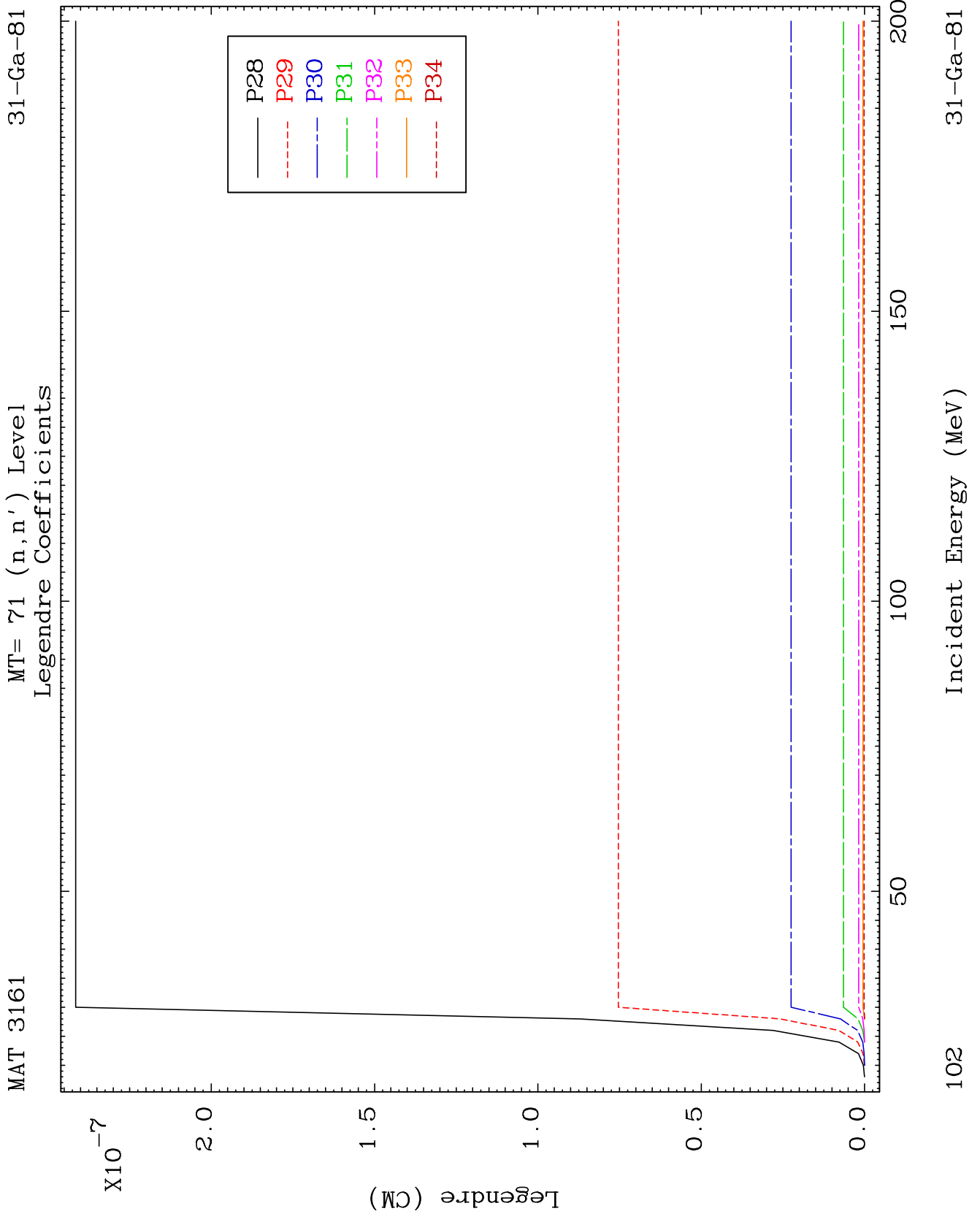
100

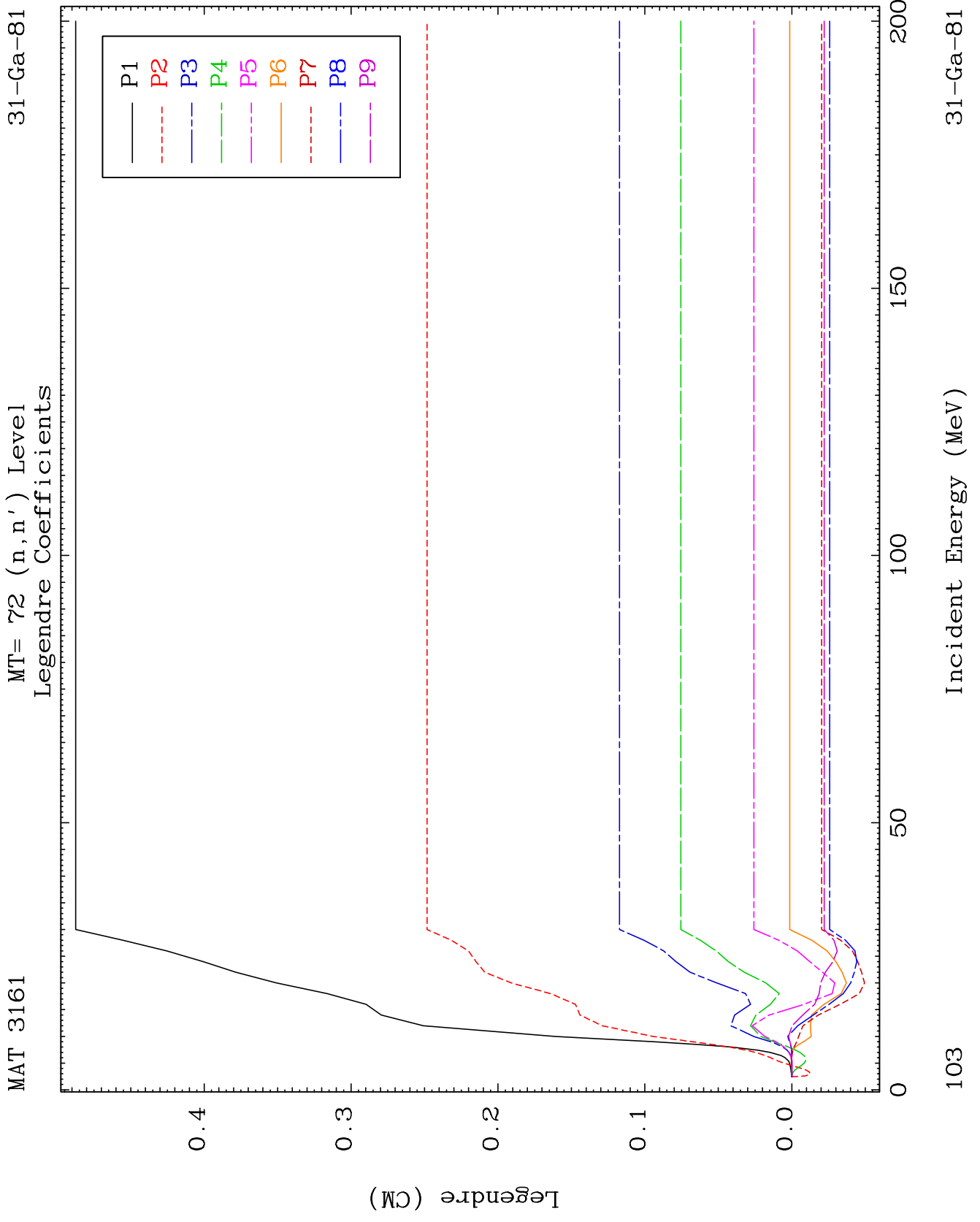
MAT 3161

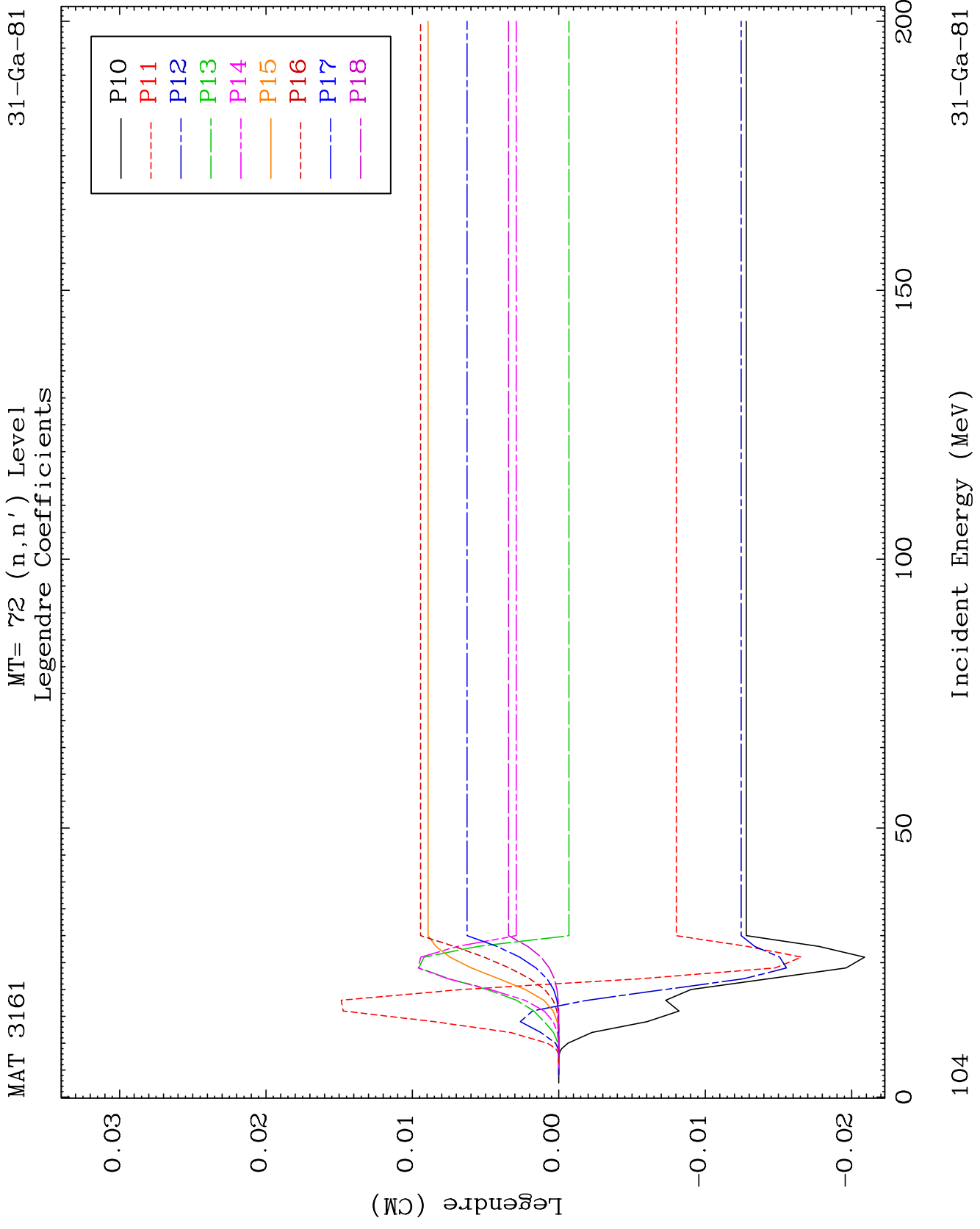
MT= 71 (n,n') Level
Legendre Coefficients

31-Ga-81





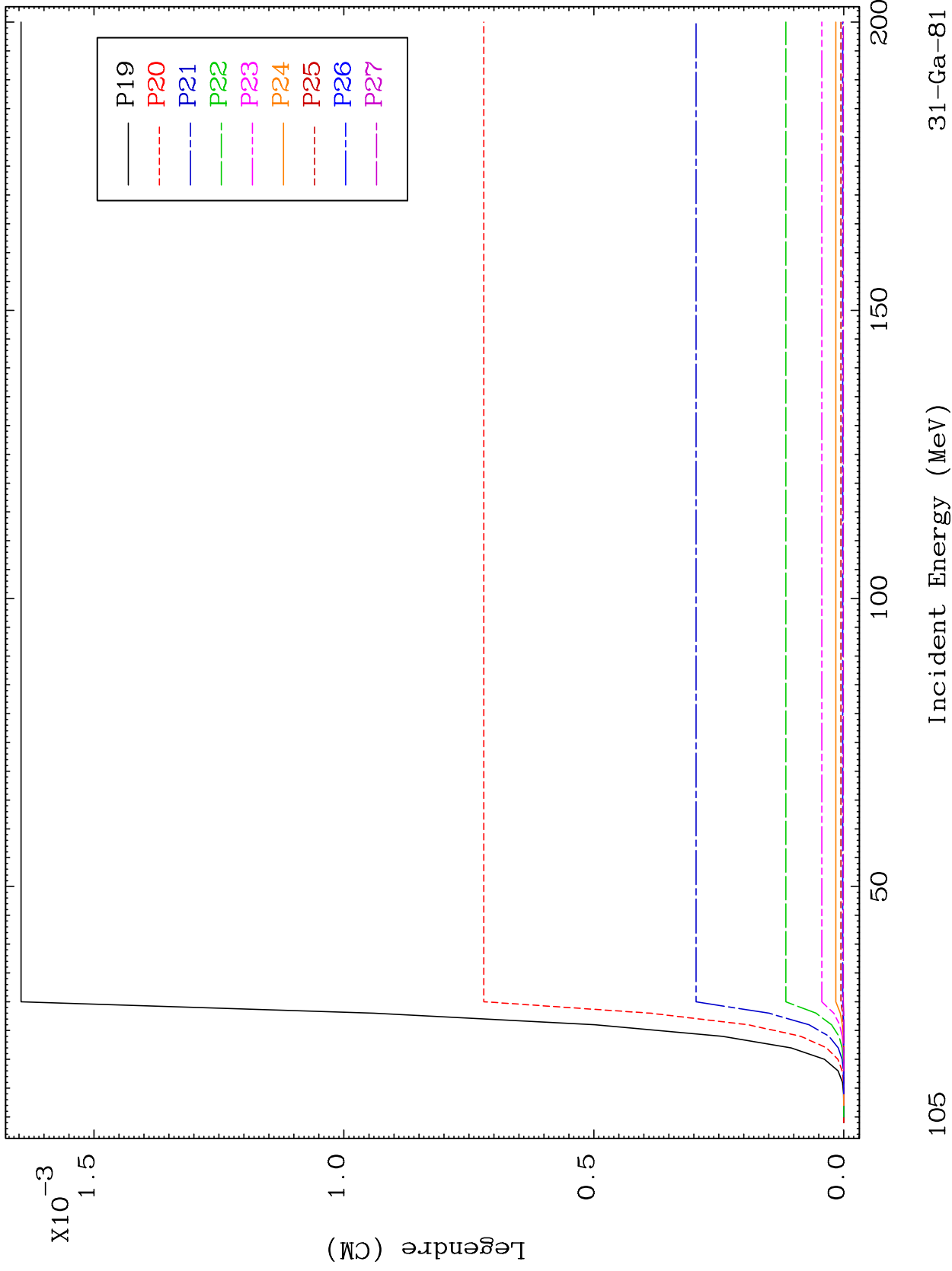




MAT 3161

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

31-Ga-81



31-Ga-81

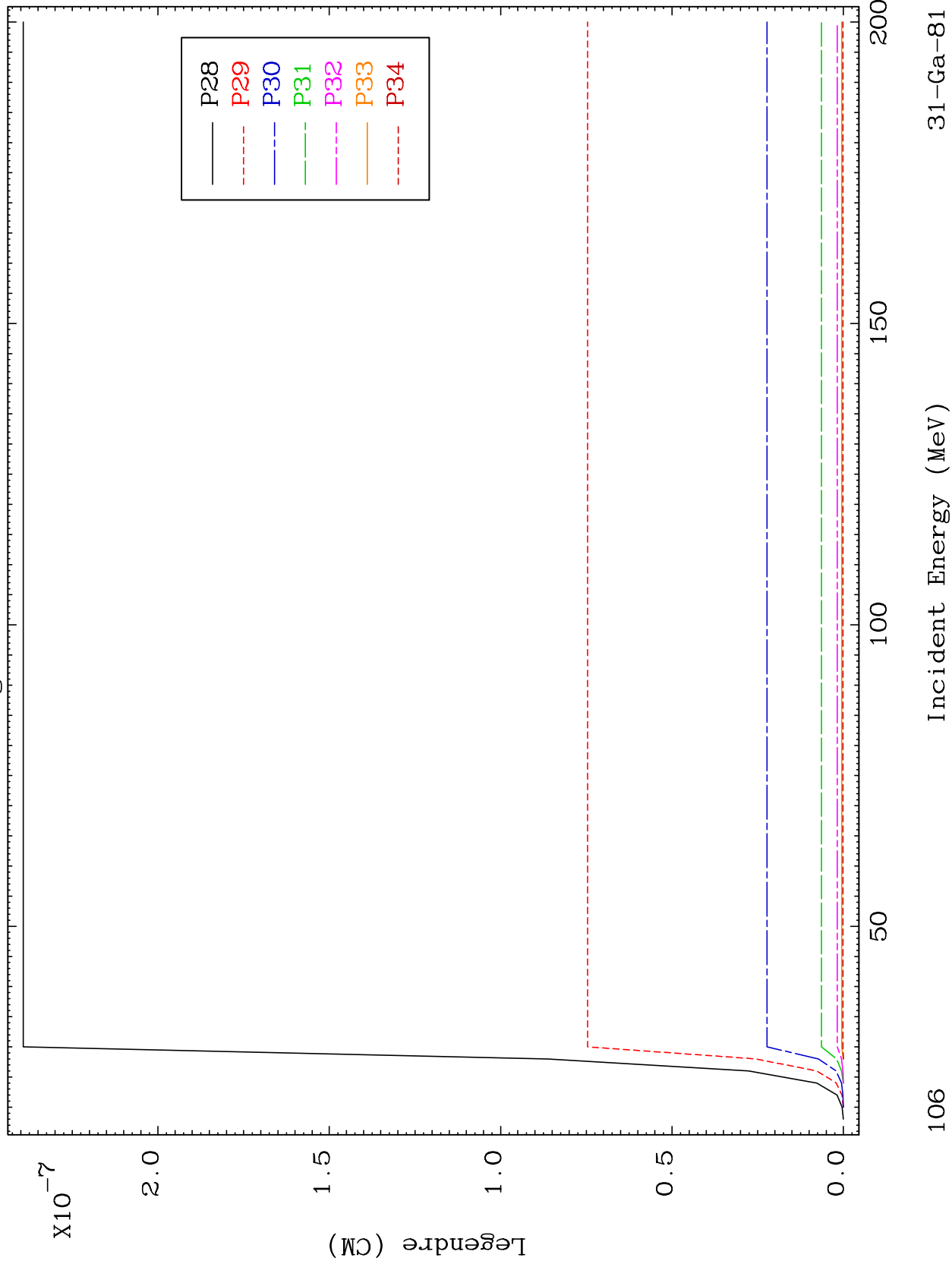
Incident Energy (MeV)

105

MAT 3161

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

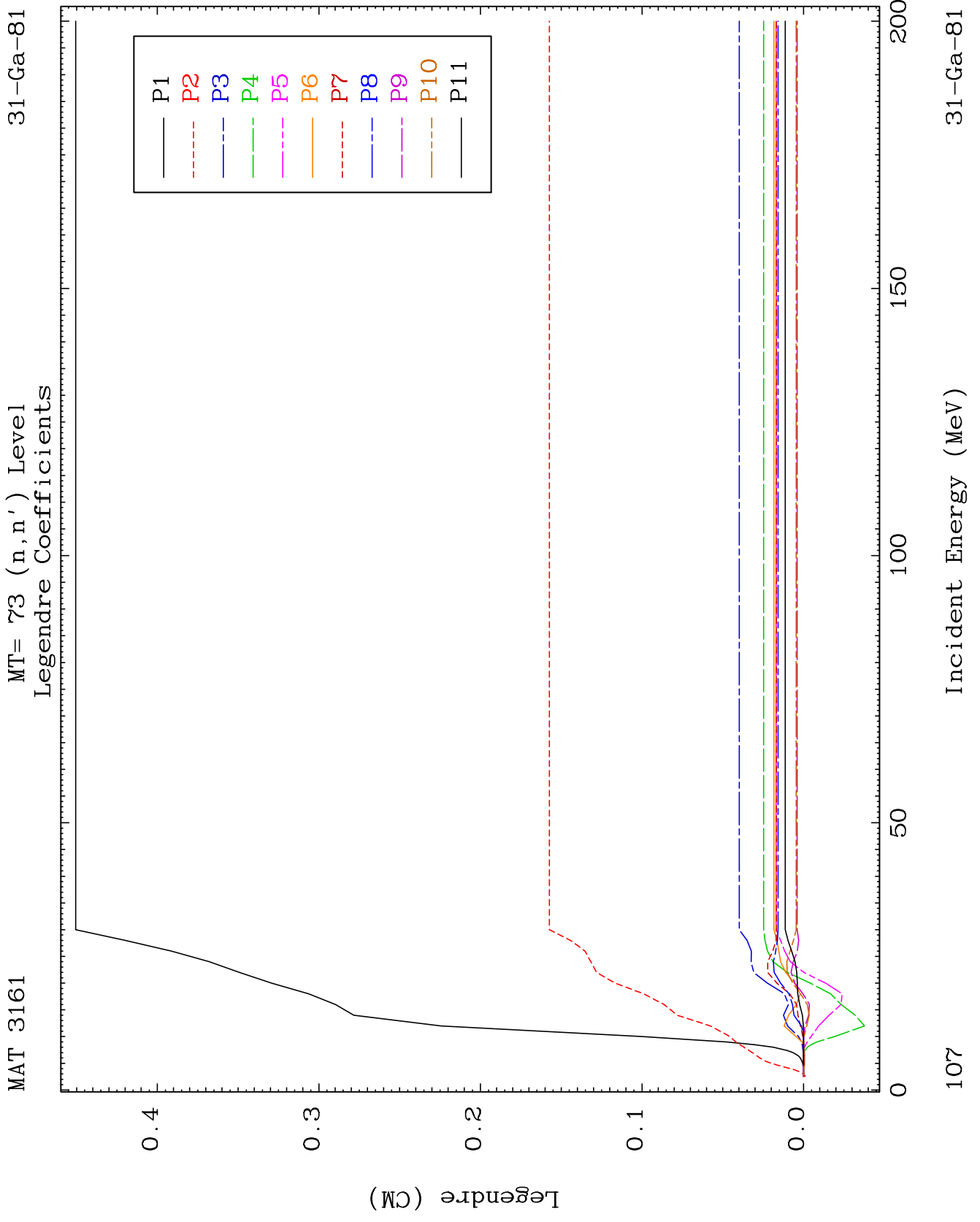
31-Ga-81



106

Incident Energy (MeV)

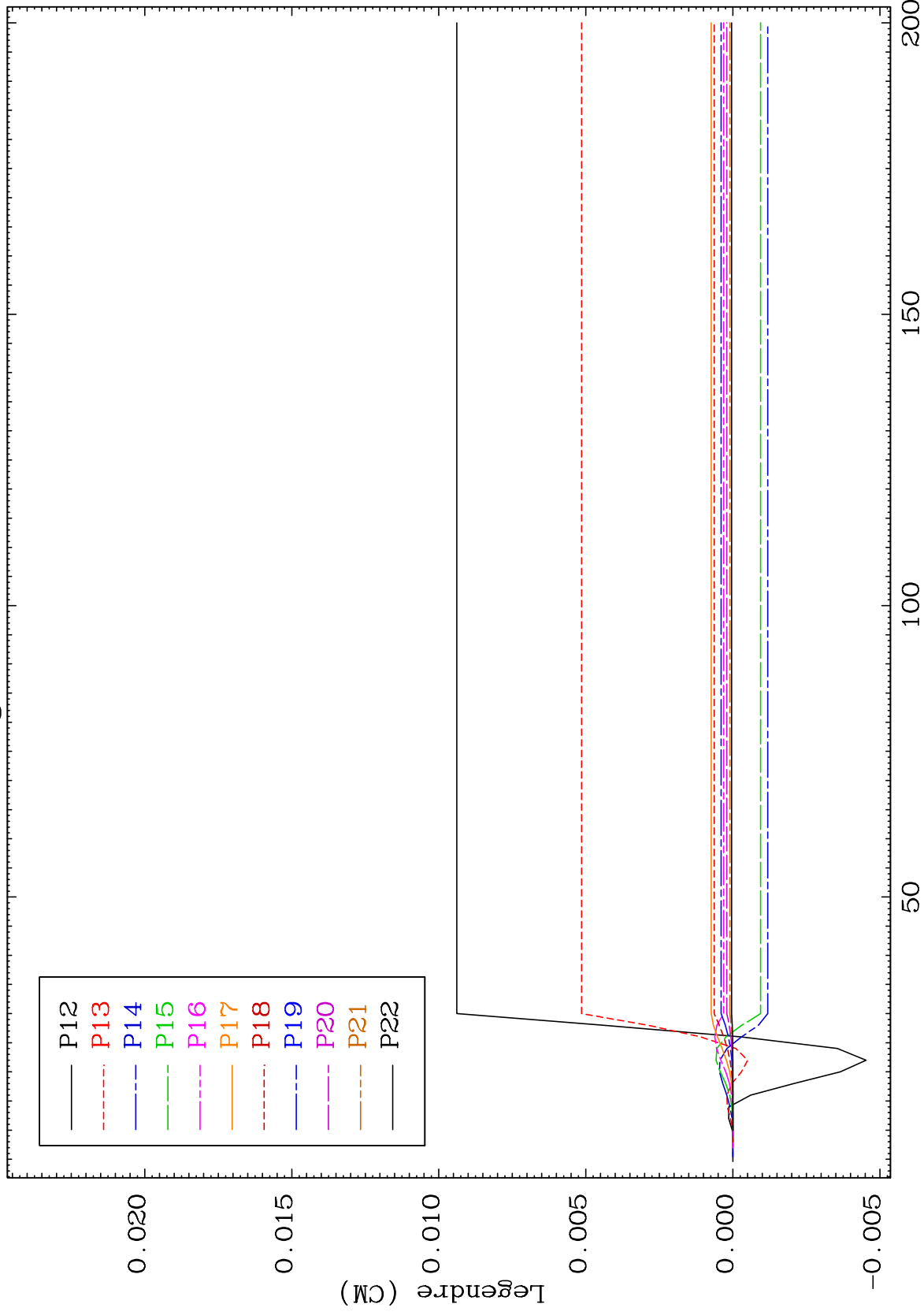
31-Ga-81



MAT 3161

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

31-Ga-81



108

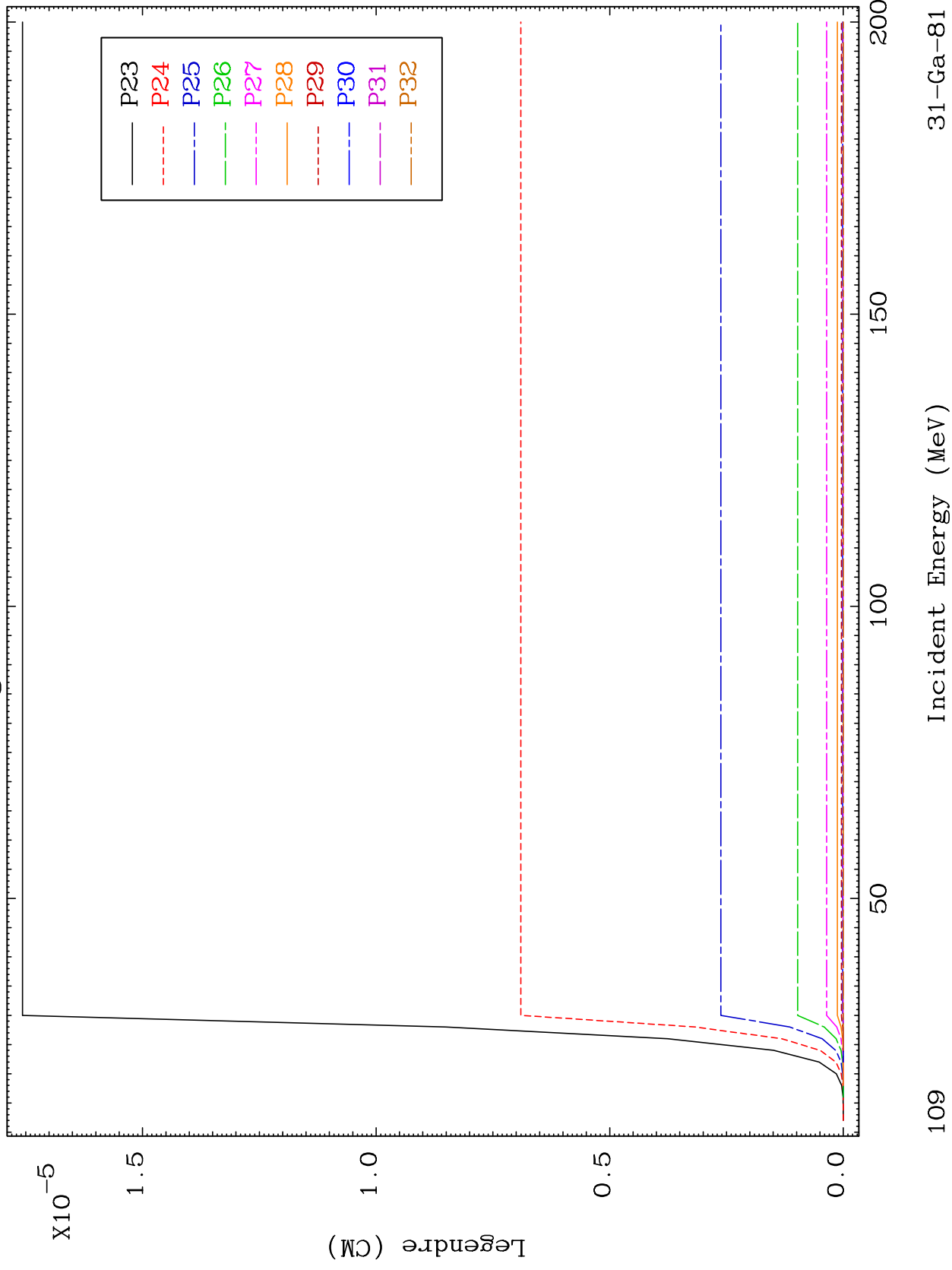
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



109

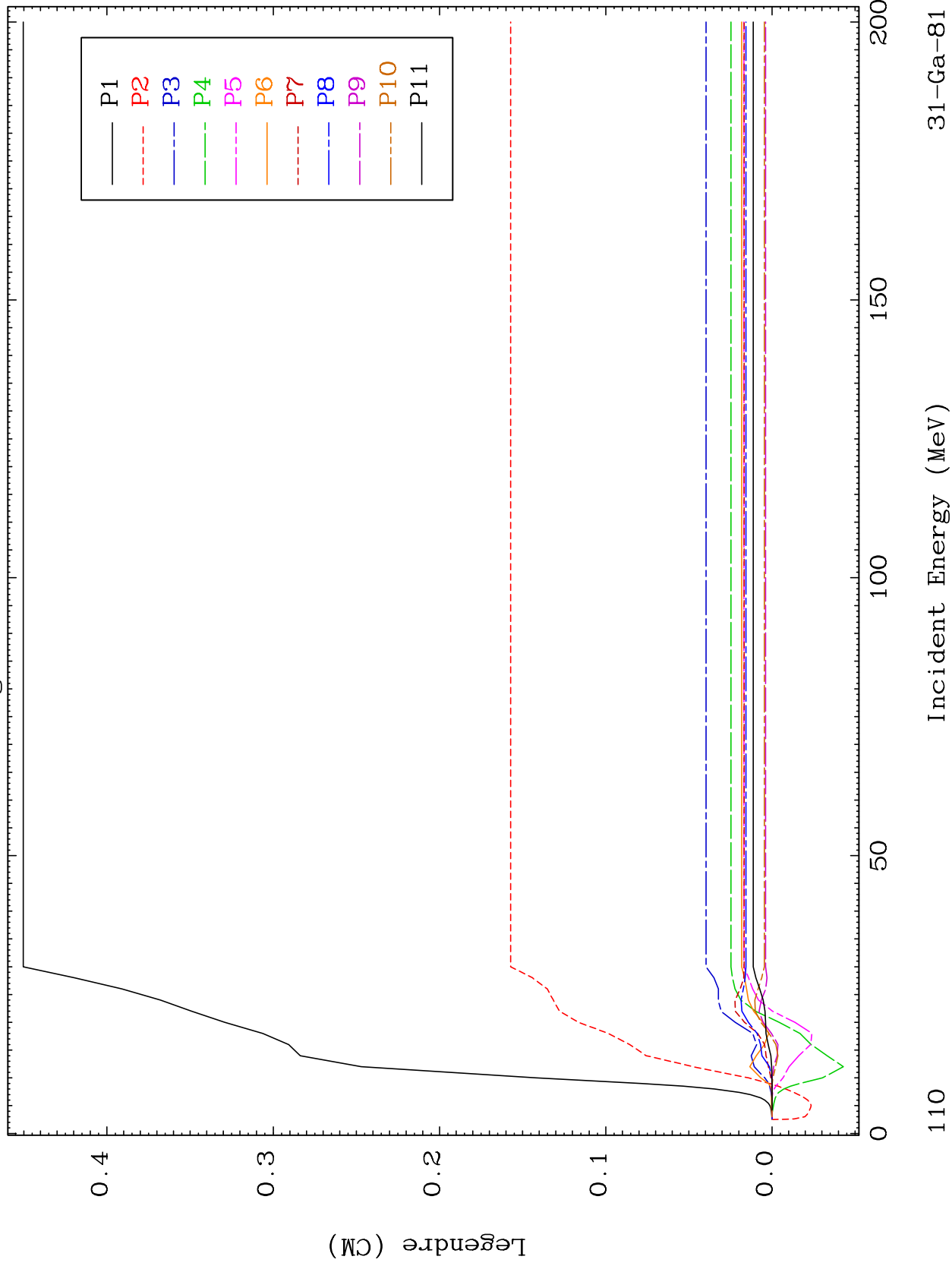
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



31-Ga-81

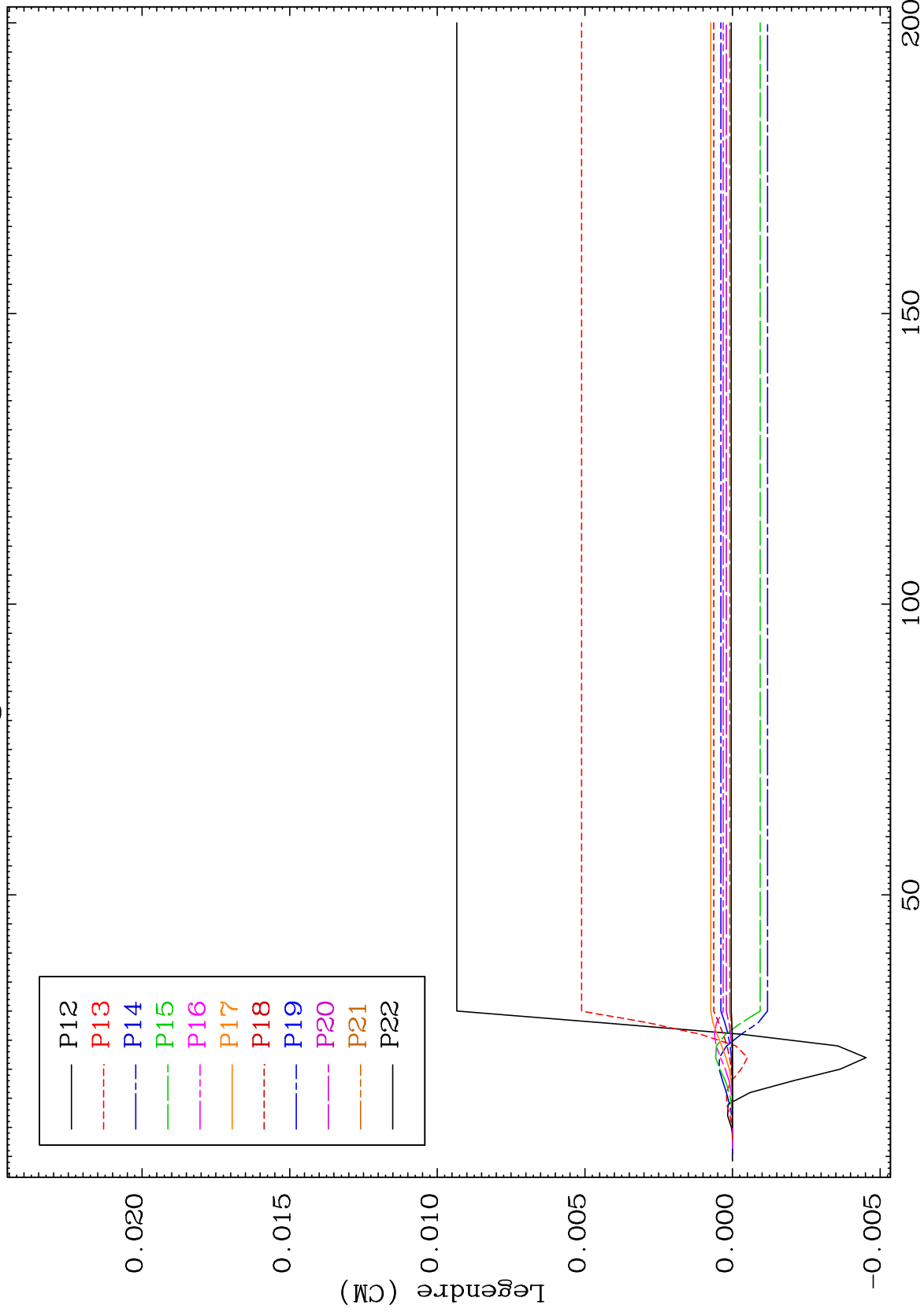
Incident Energy (MeV)

Legendre (CM)

MAT 3161

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

31-Ga-81



111

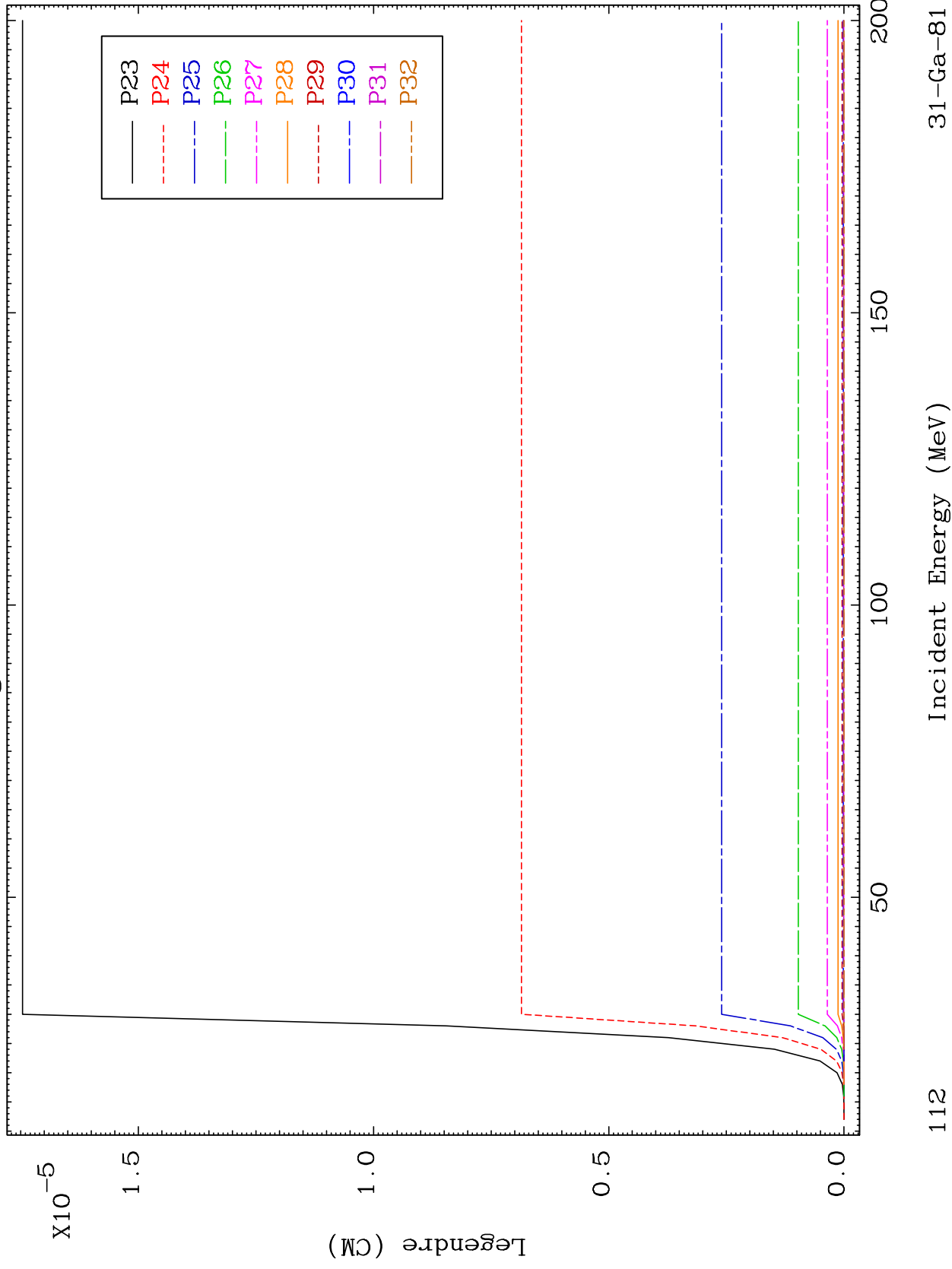
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

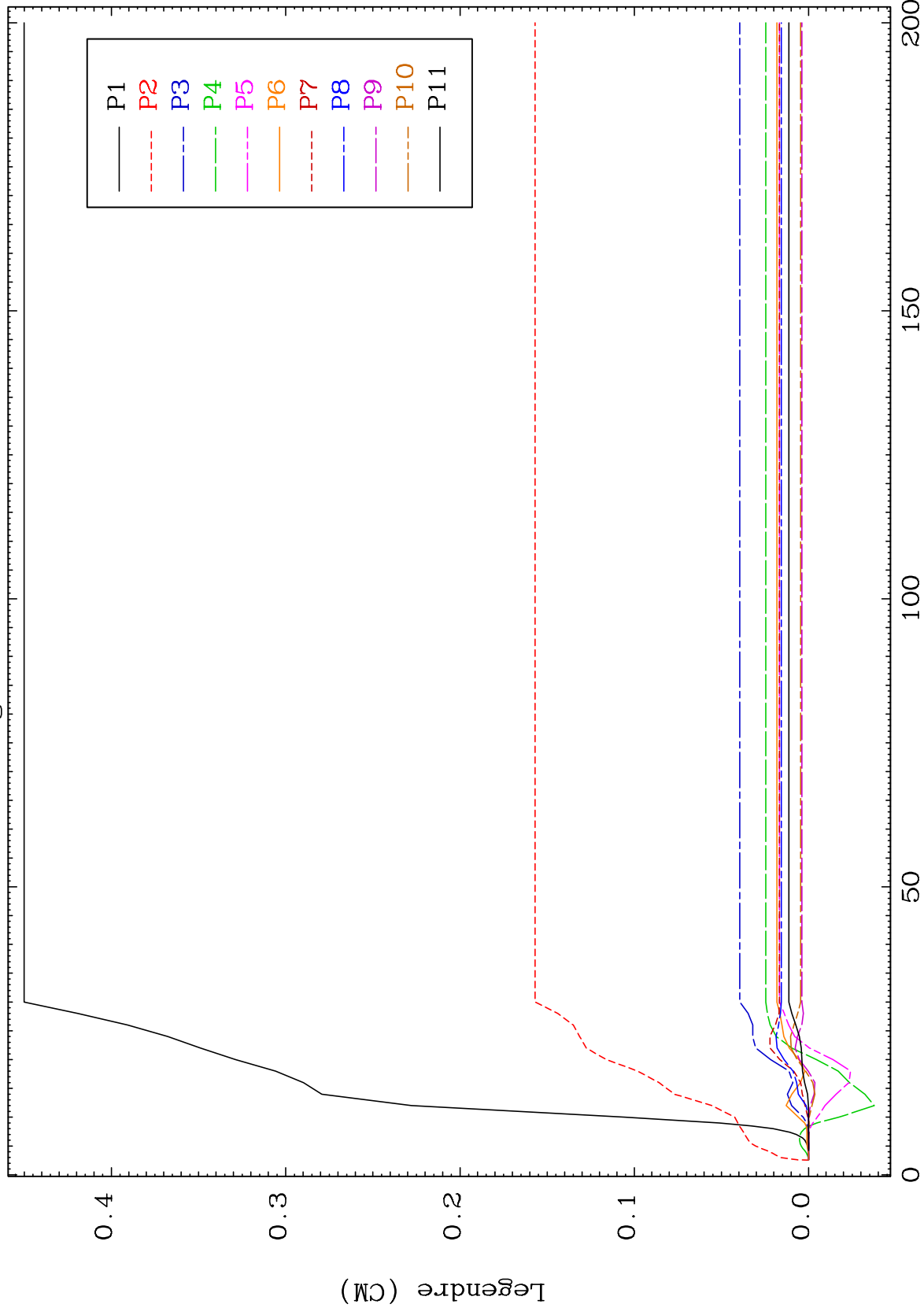
31-Ga-81



MAT 3161

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

31-Ga-81



113

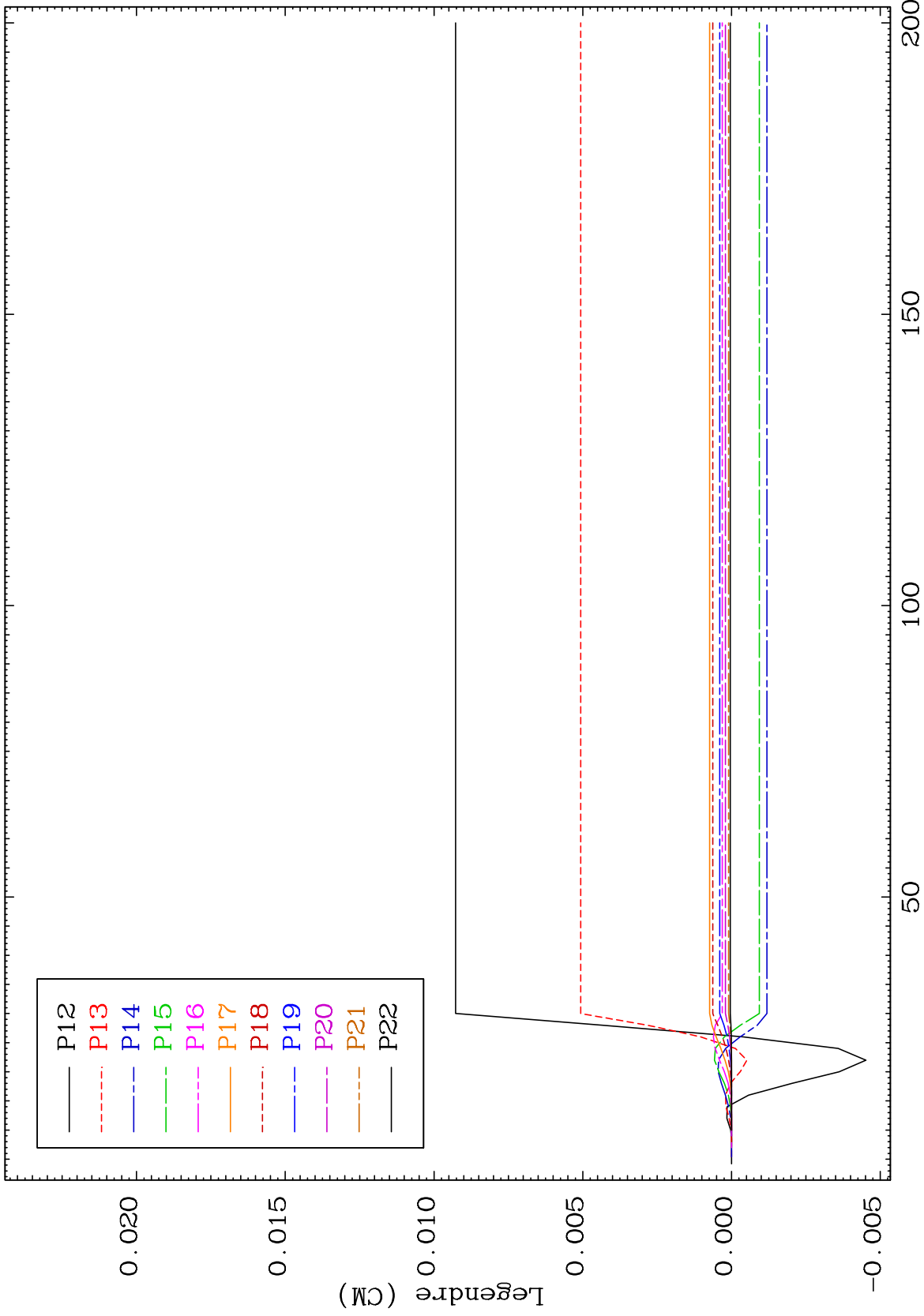
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



114

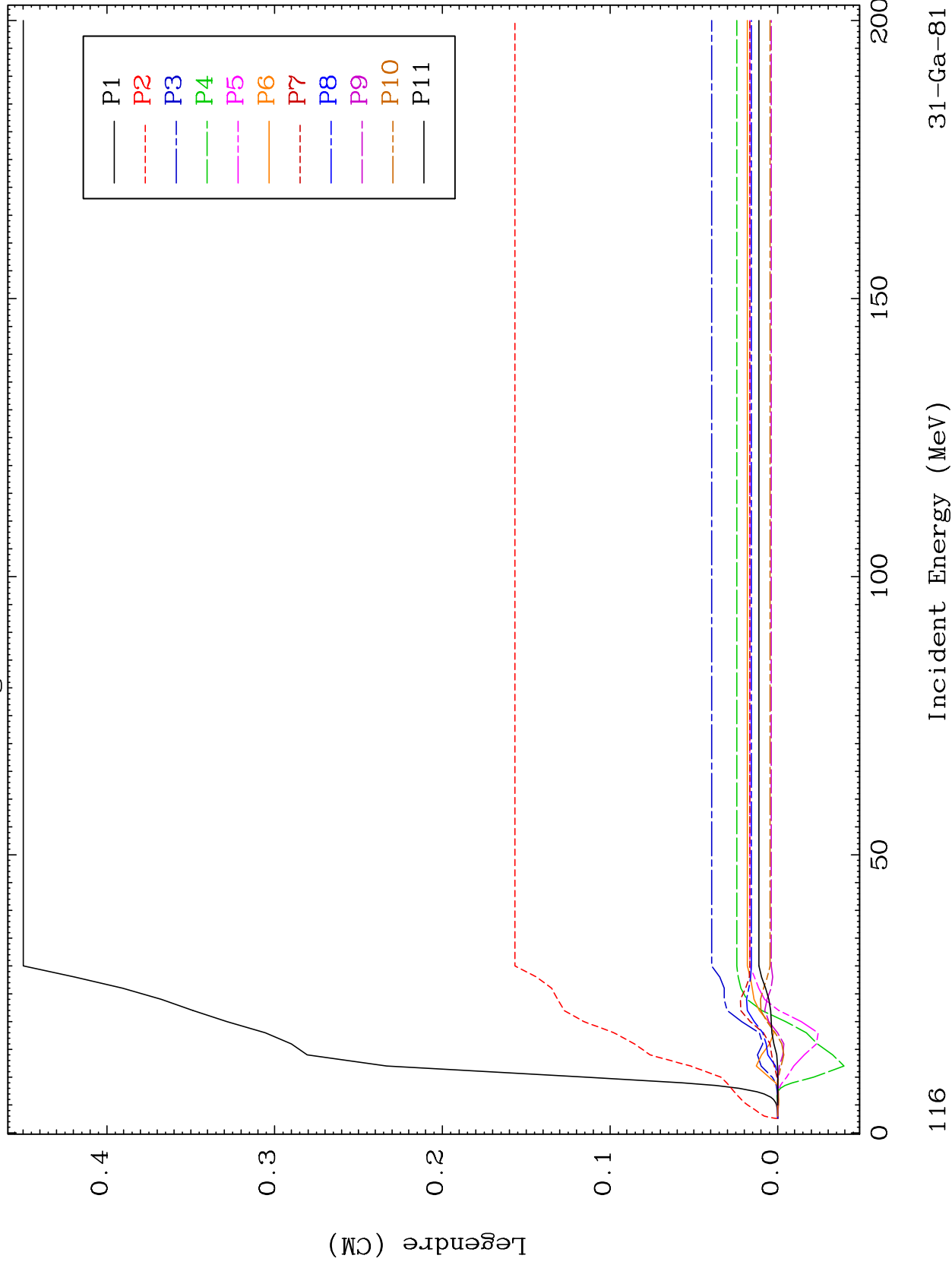
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



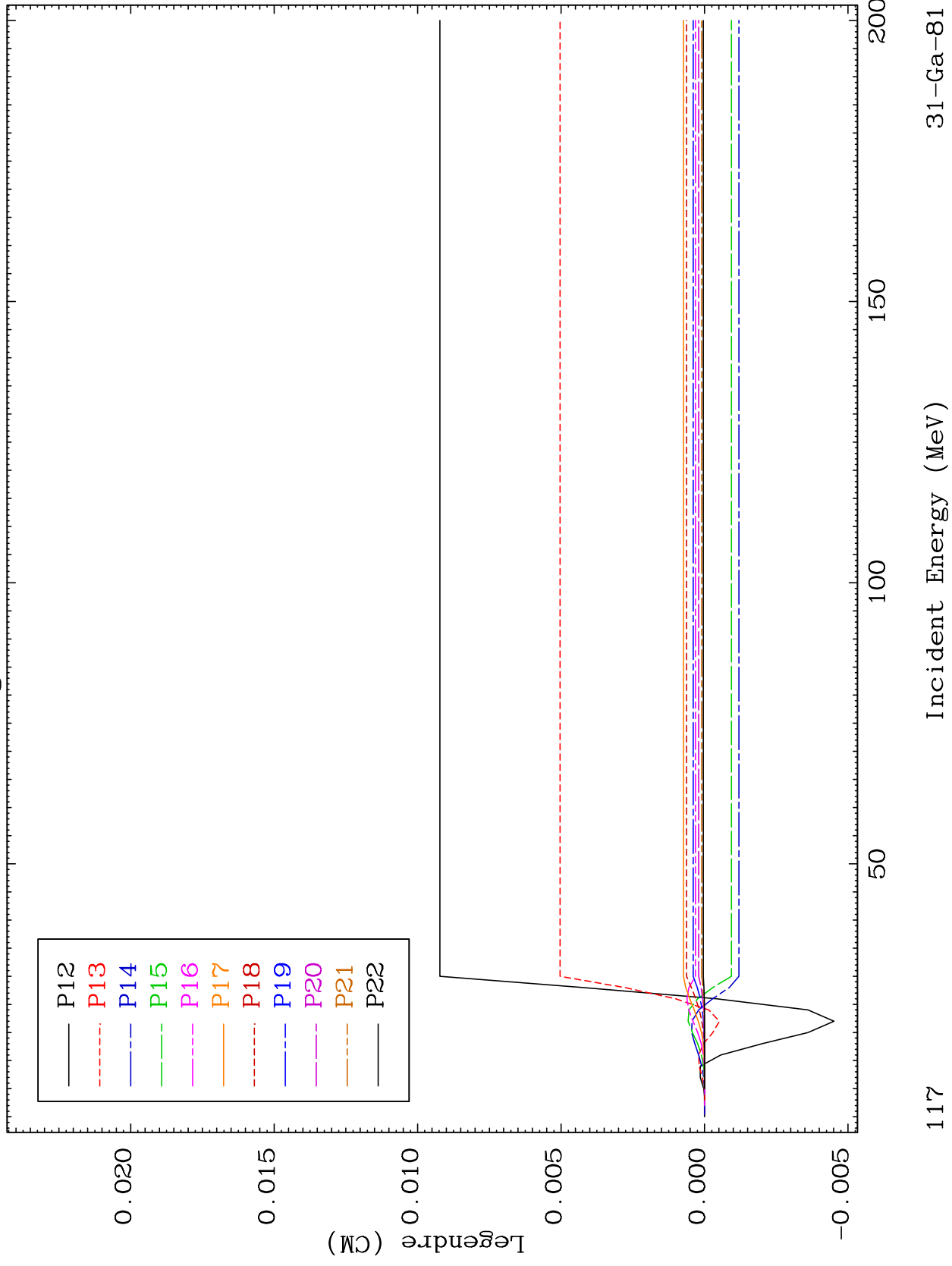
116

31-Ga-81

MAT 3161

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

31-Ga-81



117

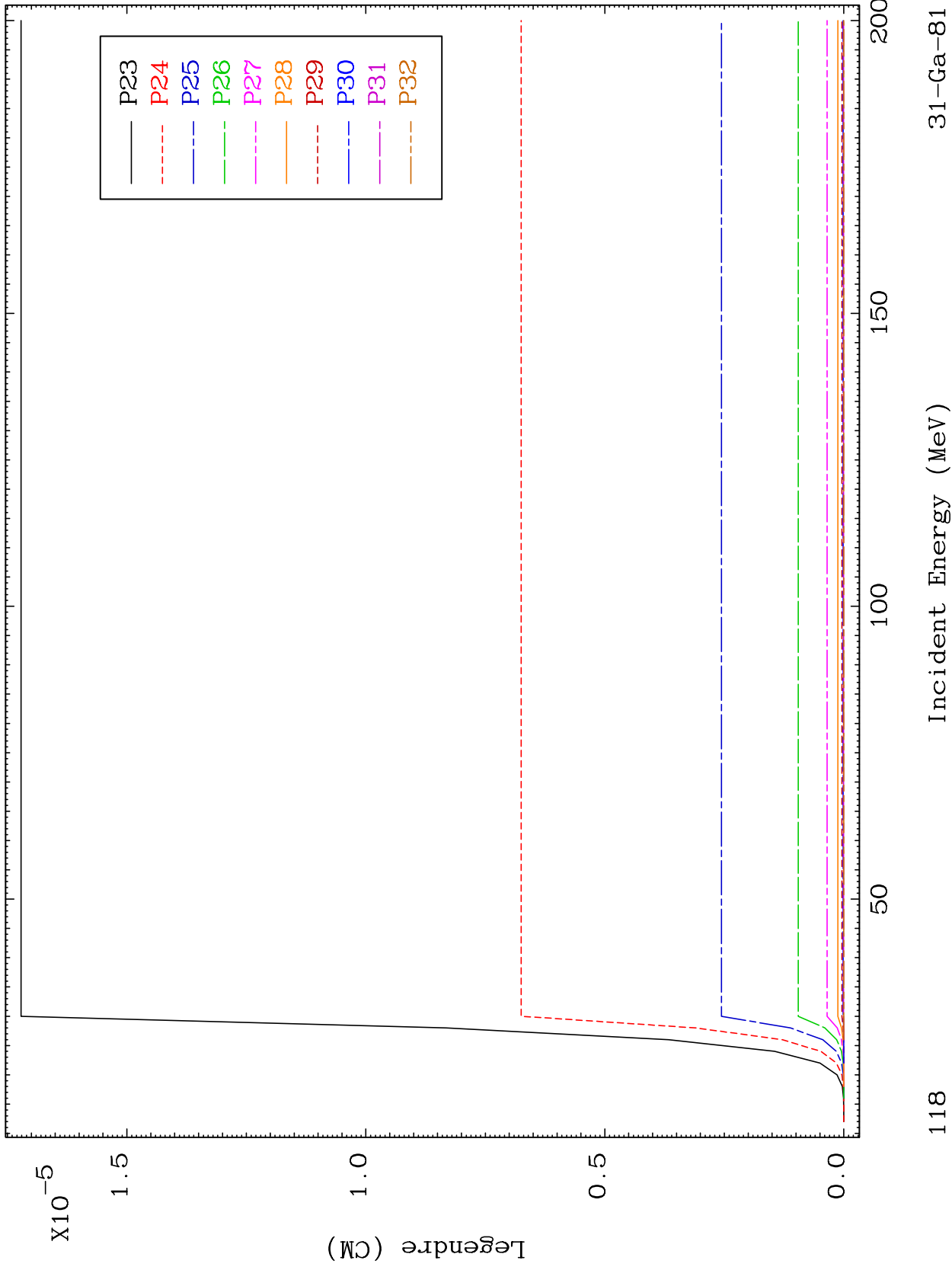
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



118

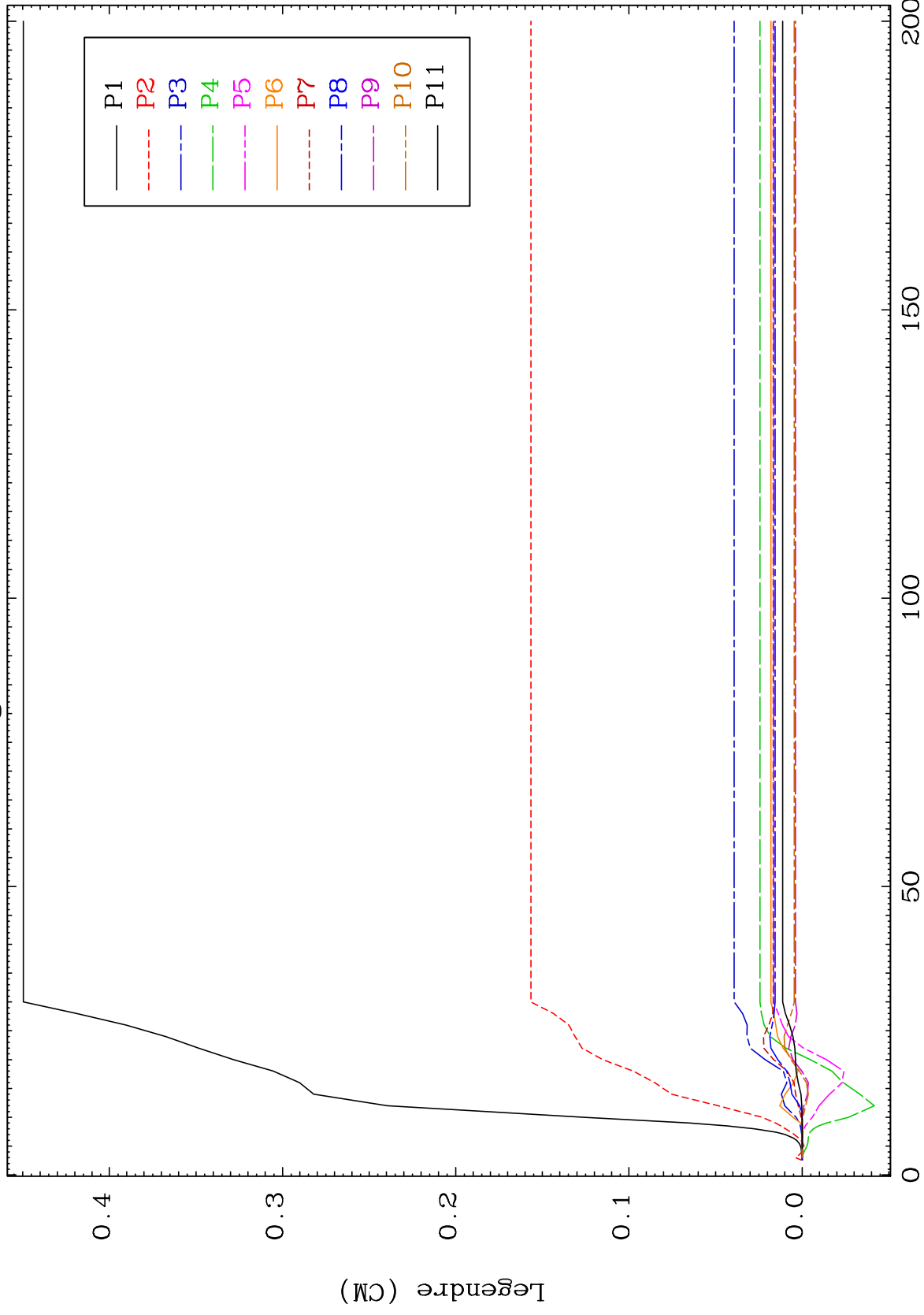
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



119

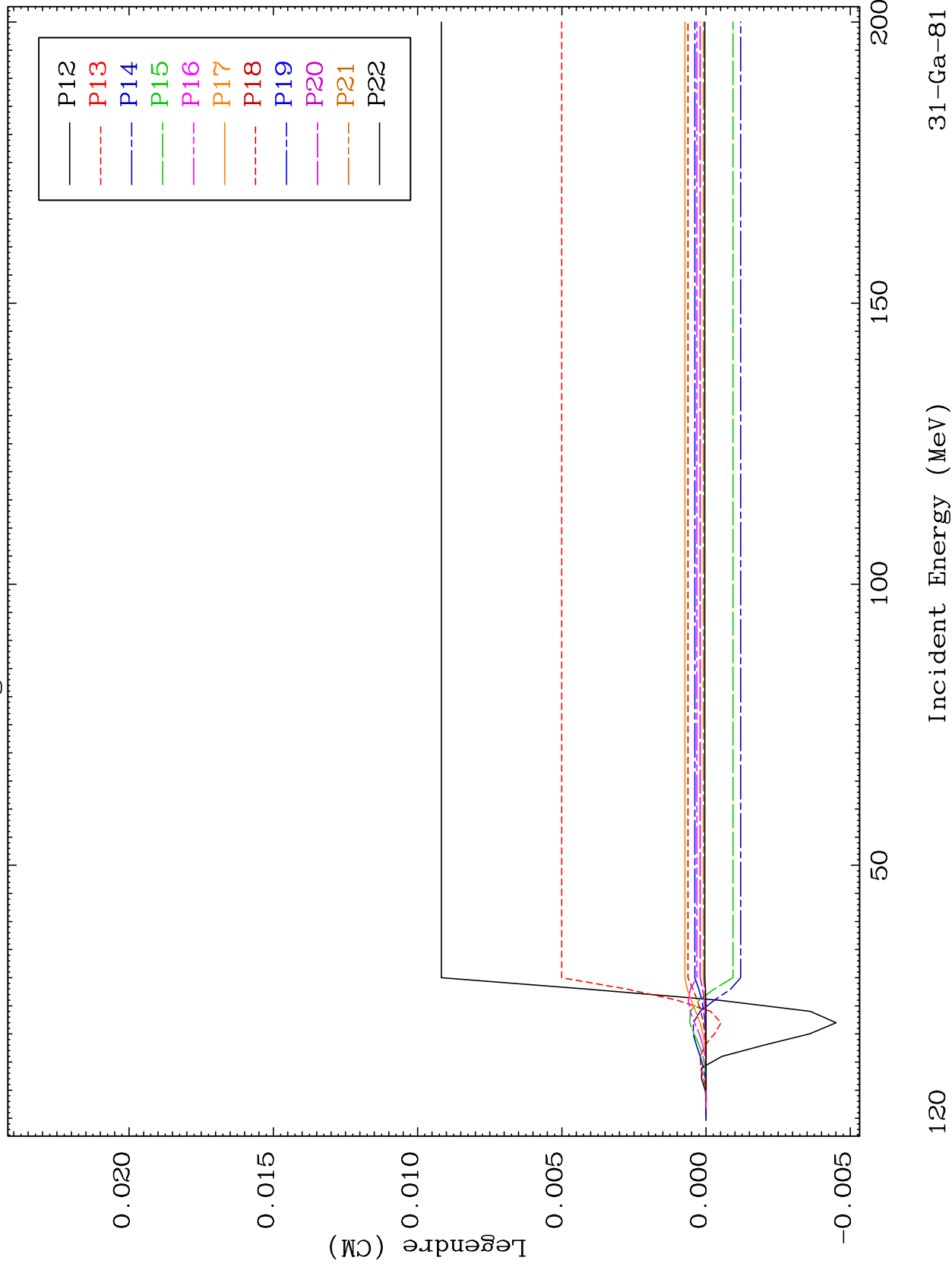
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

31-Ga-81



120

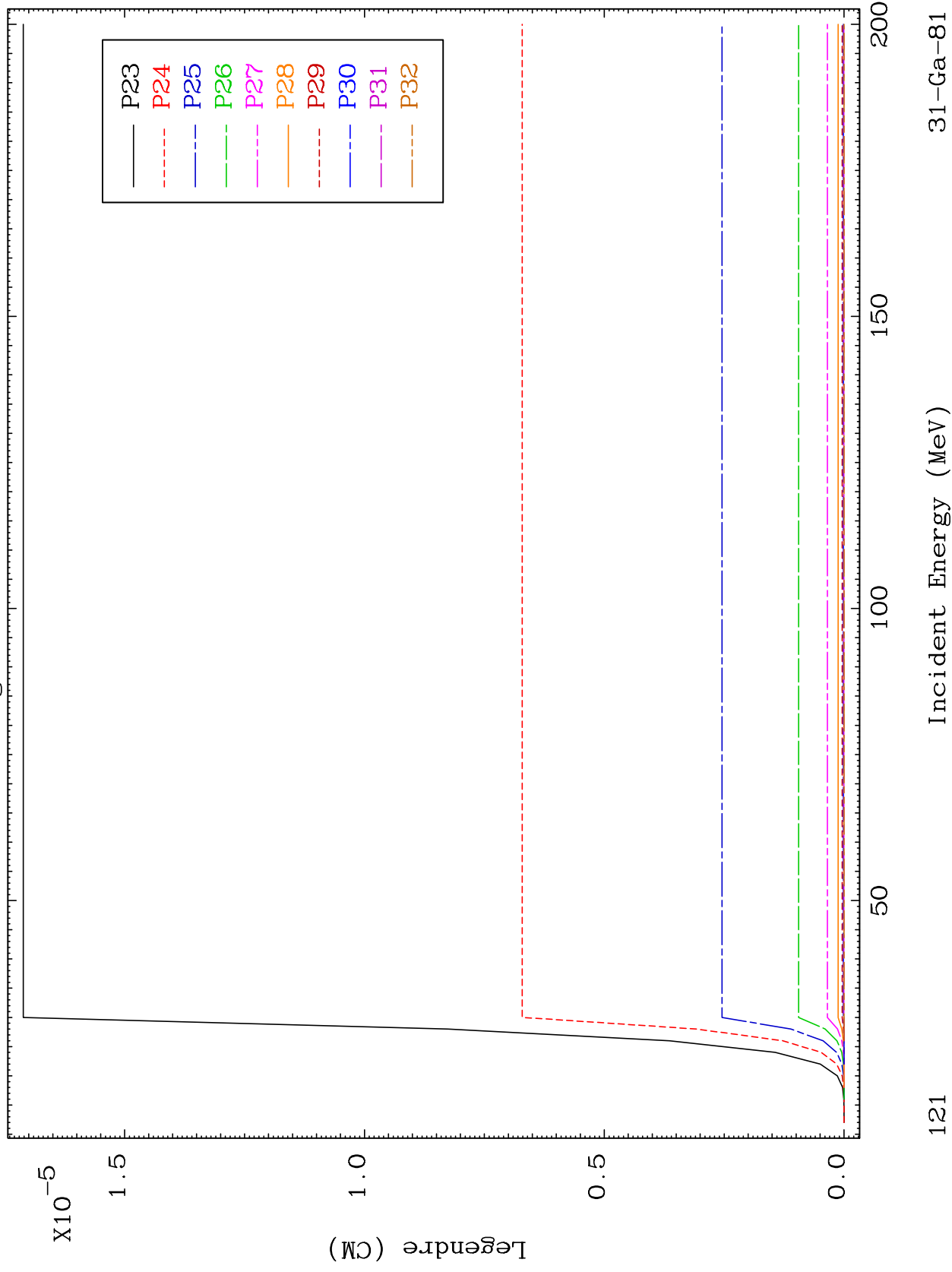
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

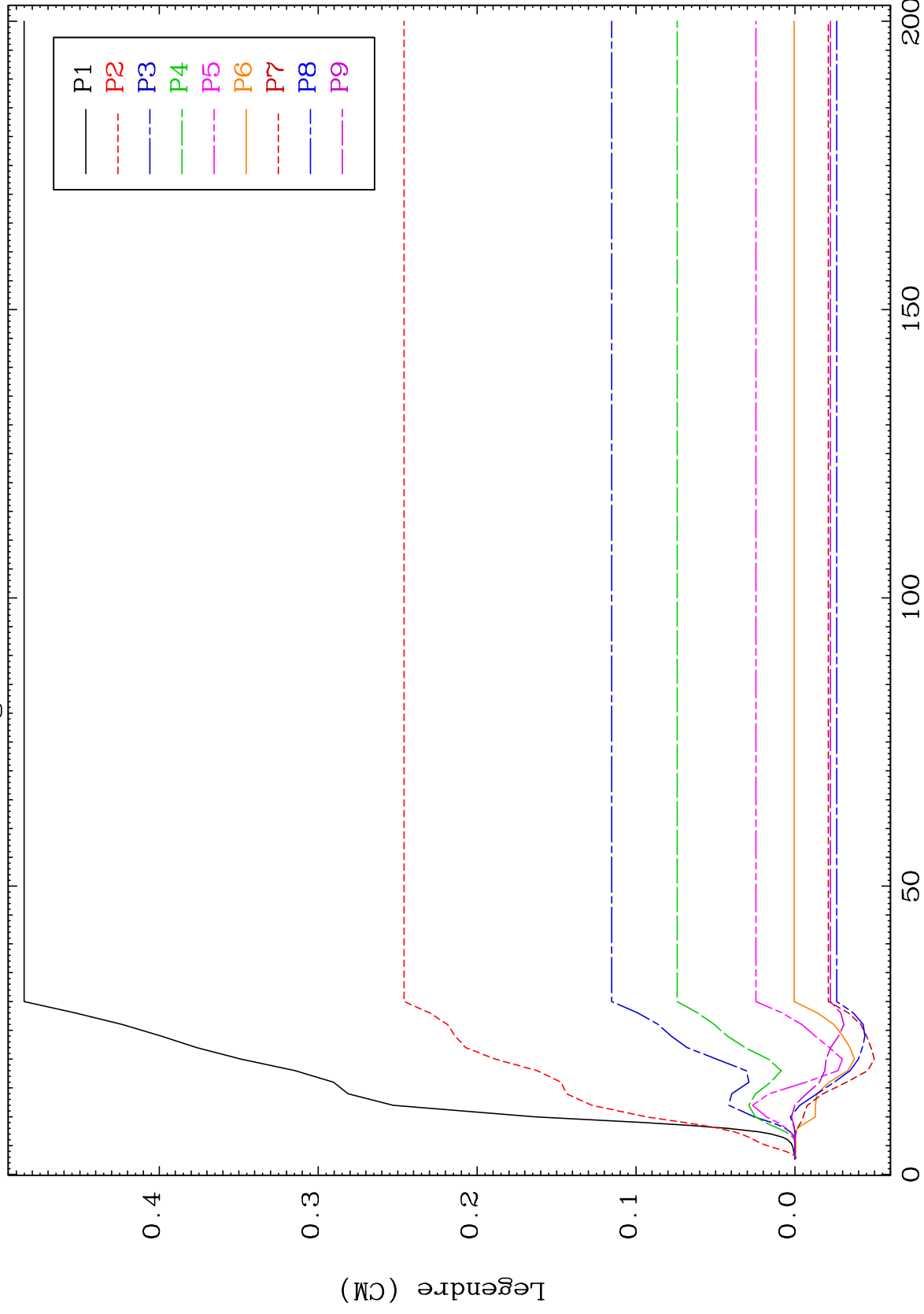
31-Ga-81



MAT 3161

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

31-Ga-81



122

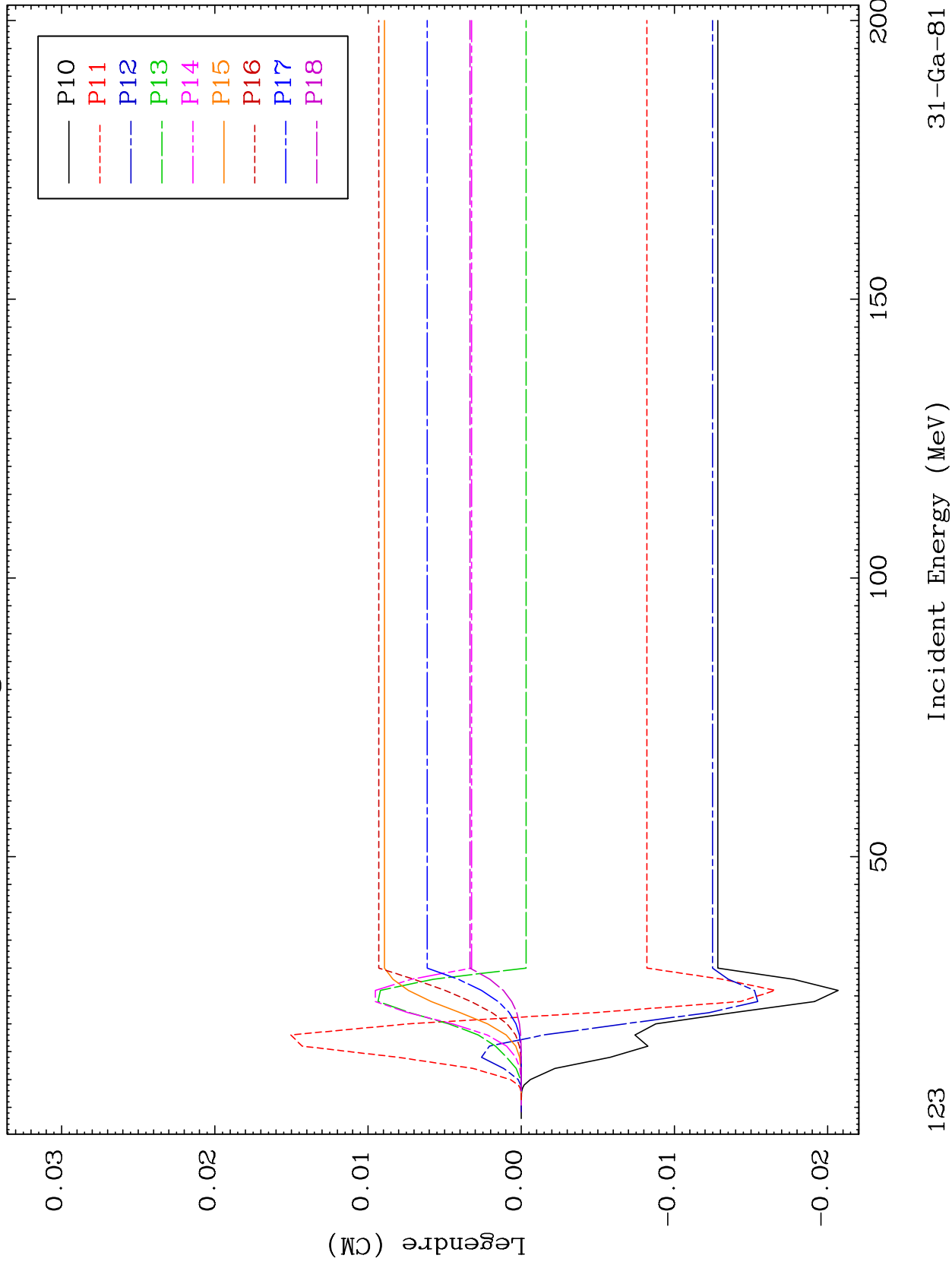
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

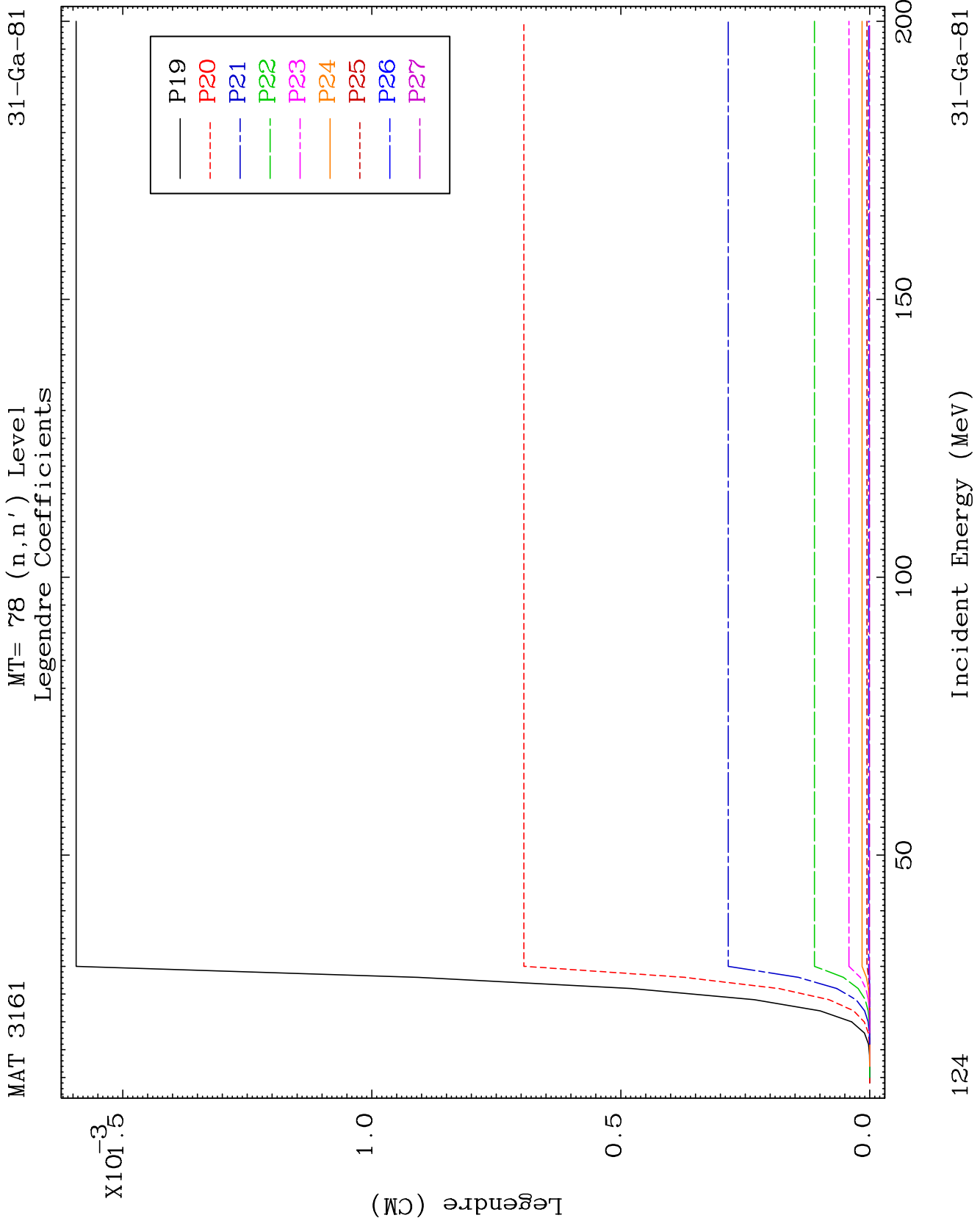
31-Ga-81



123

Incident Energy (MeV)

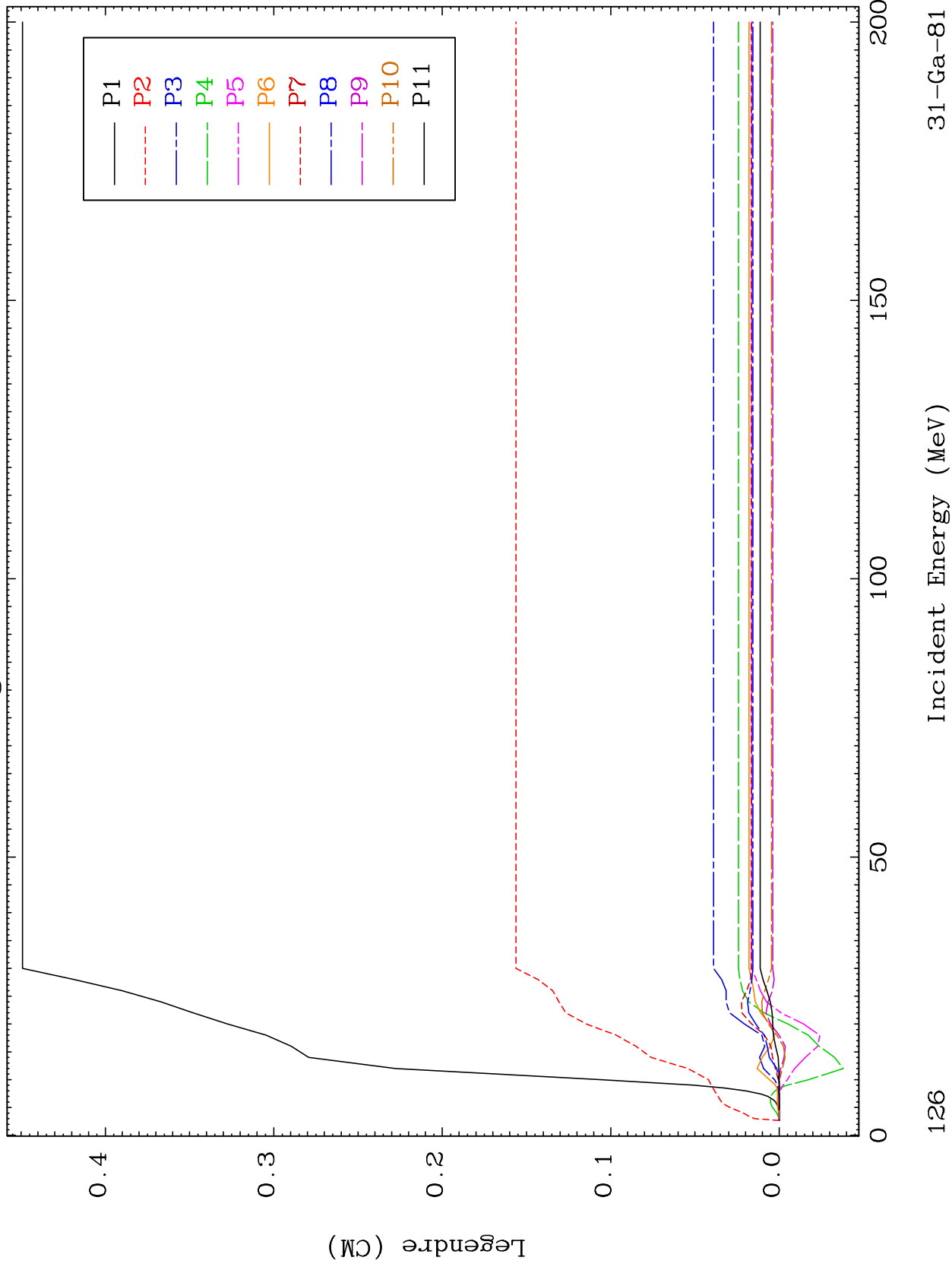
31-Ga-81



MAT 3161

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

31-Ga-81



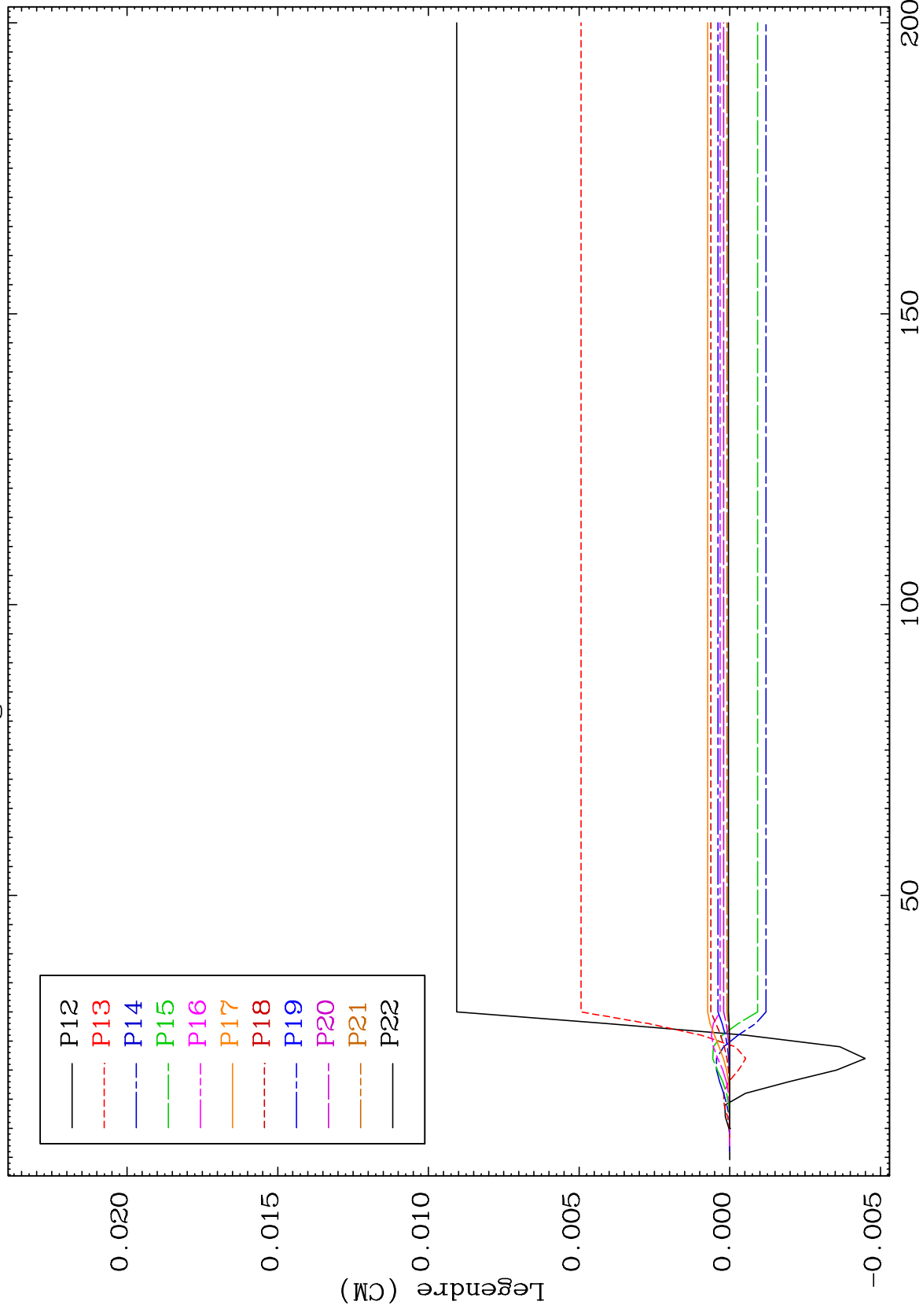
126

31-Ga-81

MAT 3161

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

31-Ga-81



127

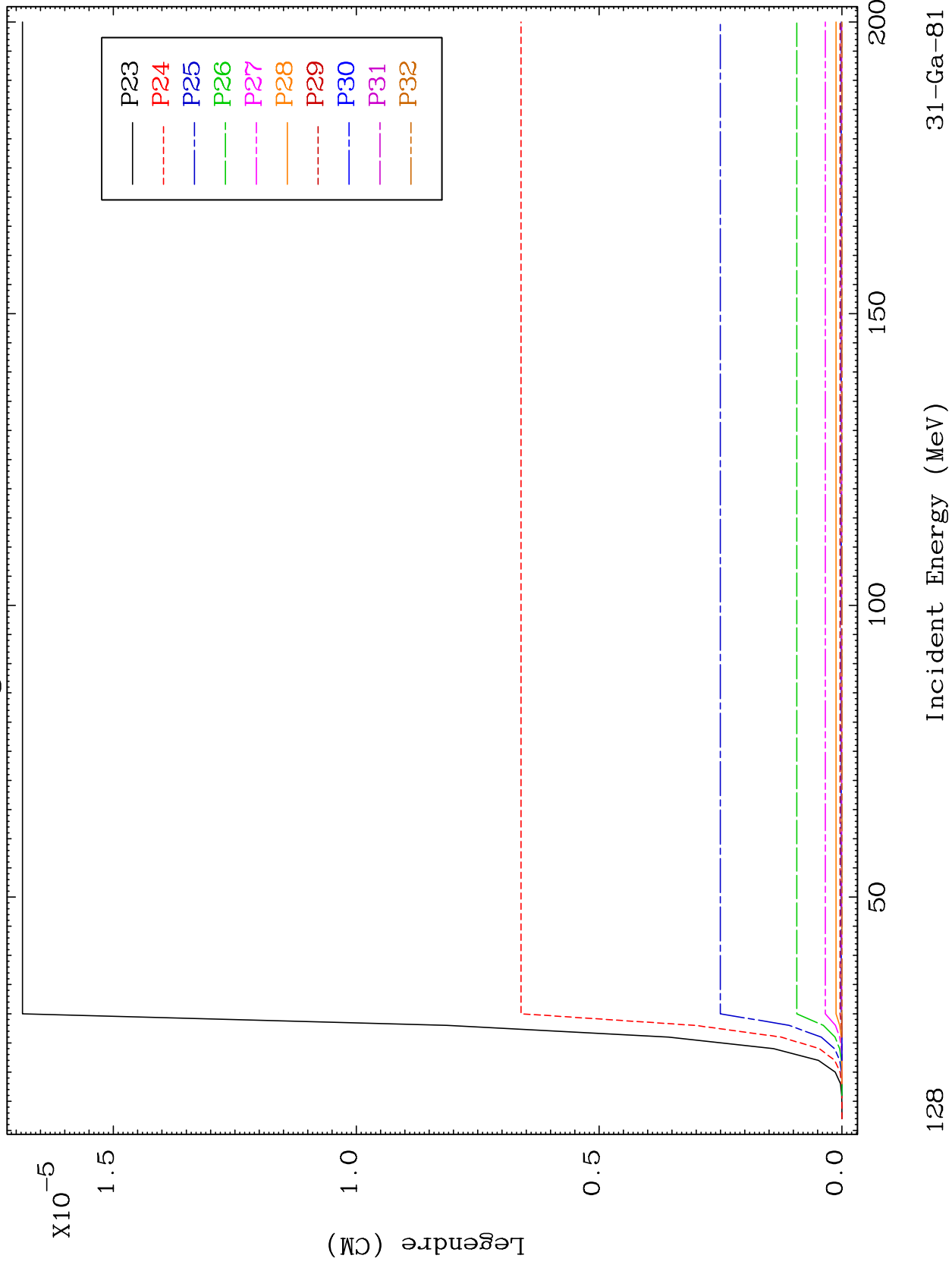
Incident Energy (MeV)

31-Ga-81

MAT 3161

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

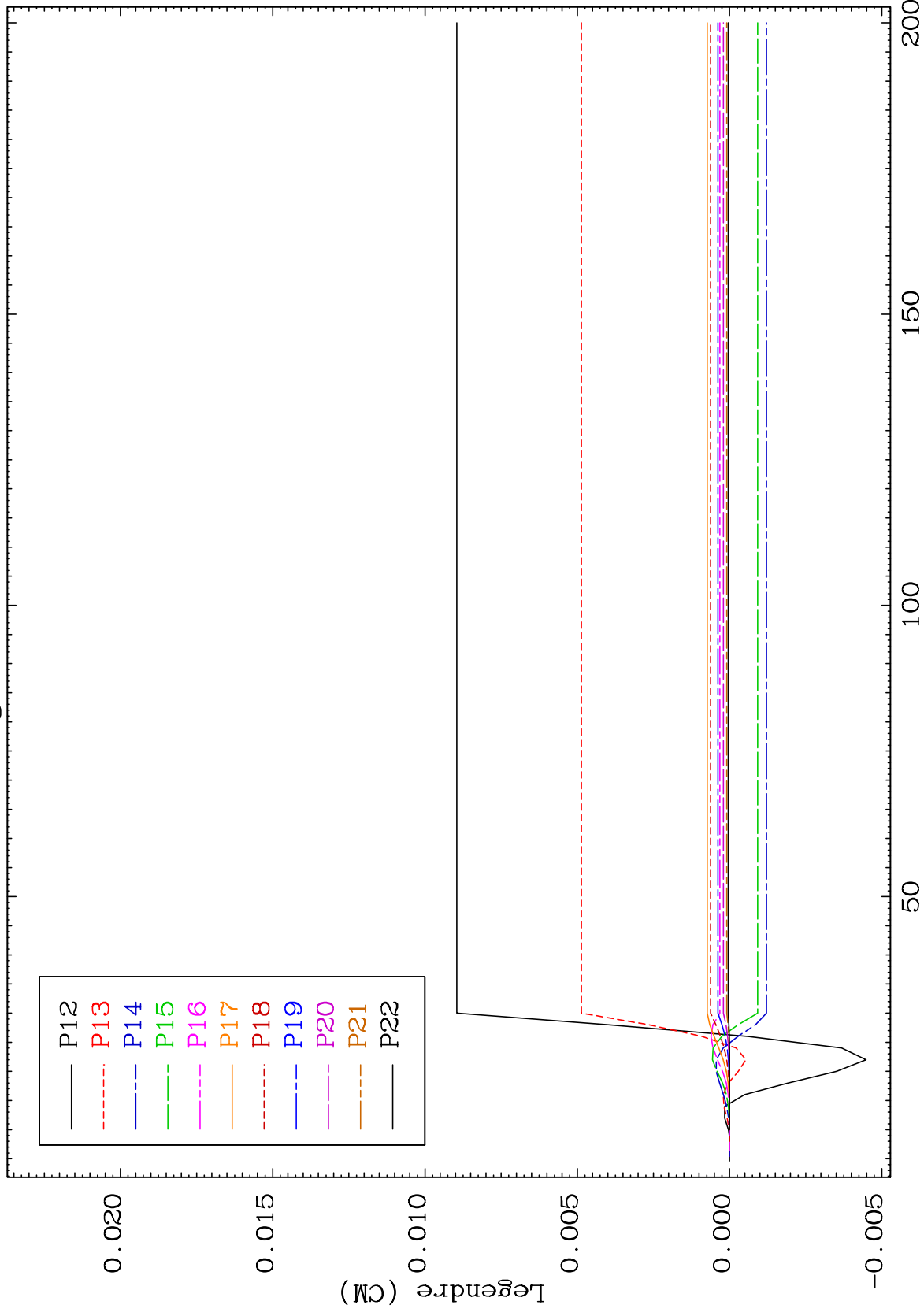
31-Ga-81



MAT 3161

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

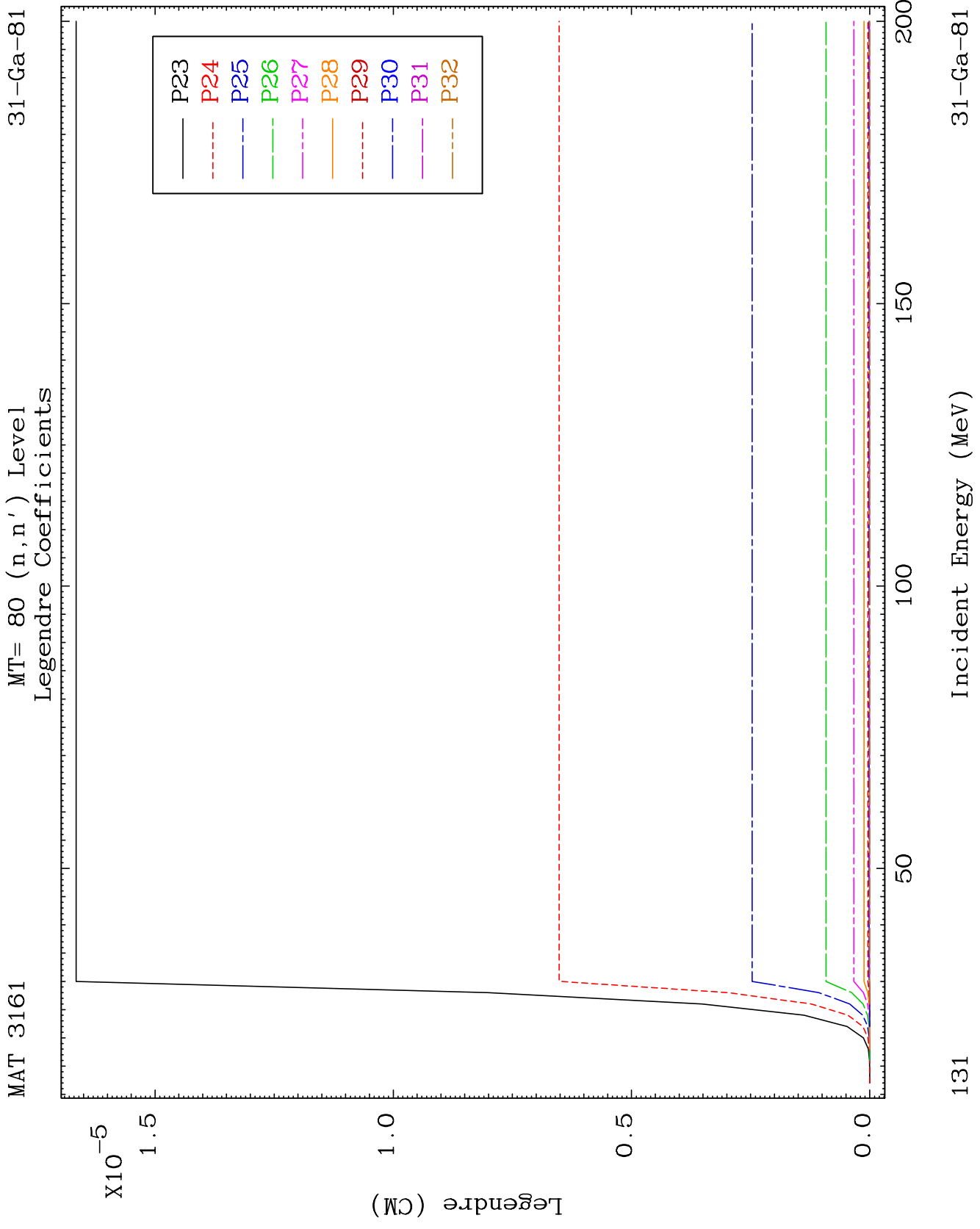
31-Ga-81



130

Incident Energy (MeV)

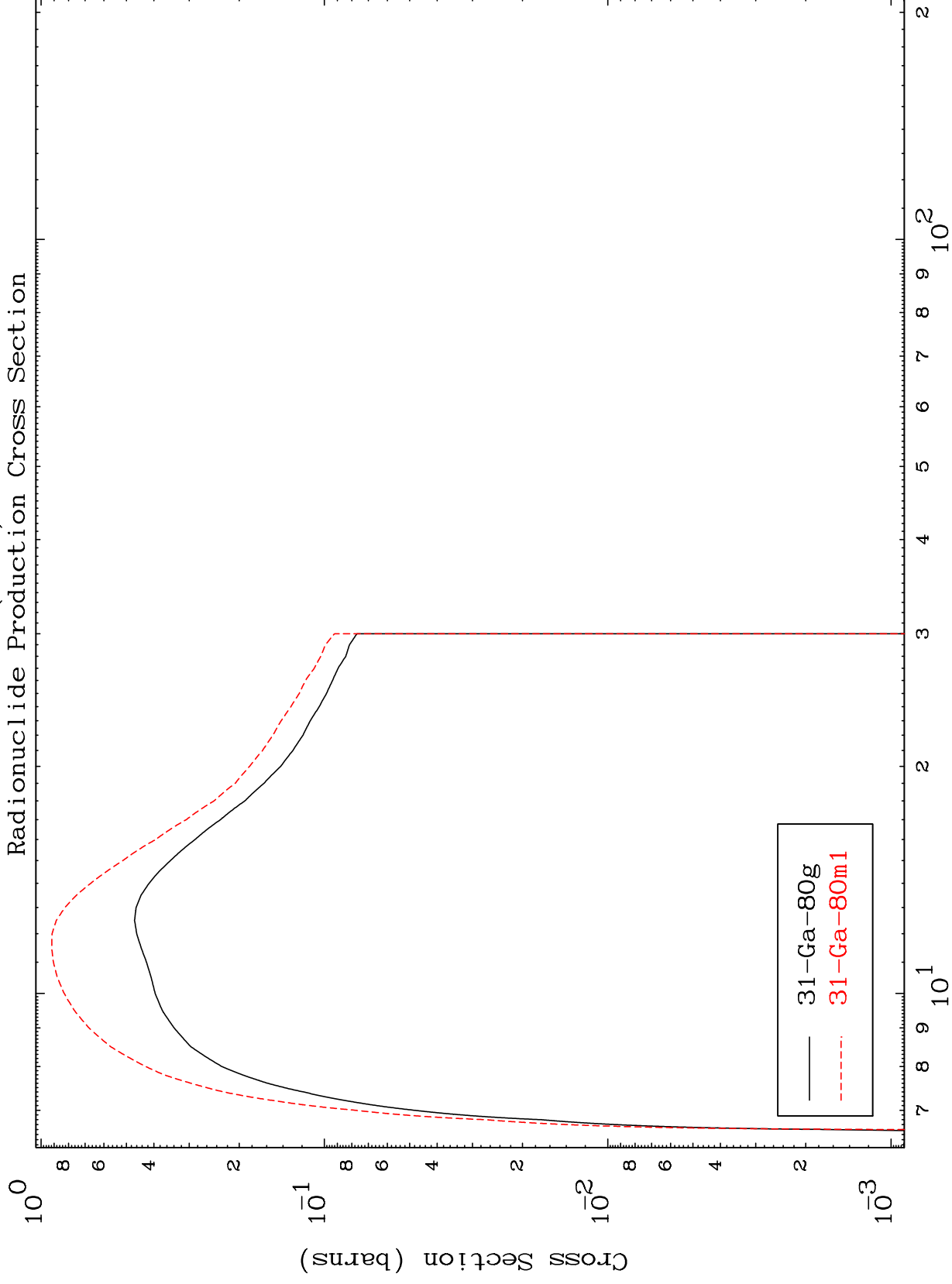
31-Ga-81



MAT 3161

³¹Ga-81

(n,2n)
Radionuclide Production Cross Section

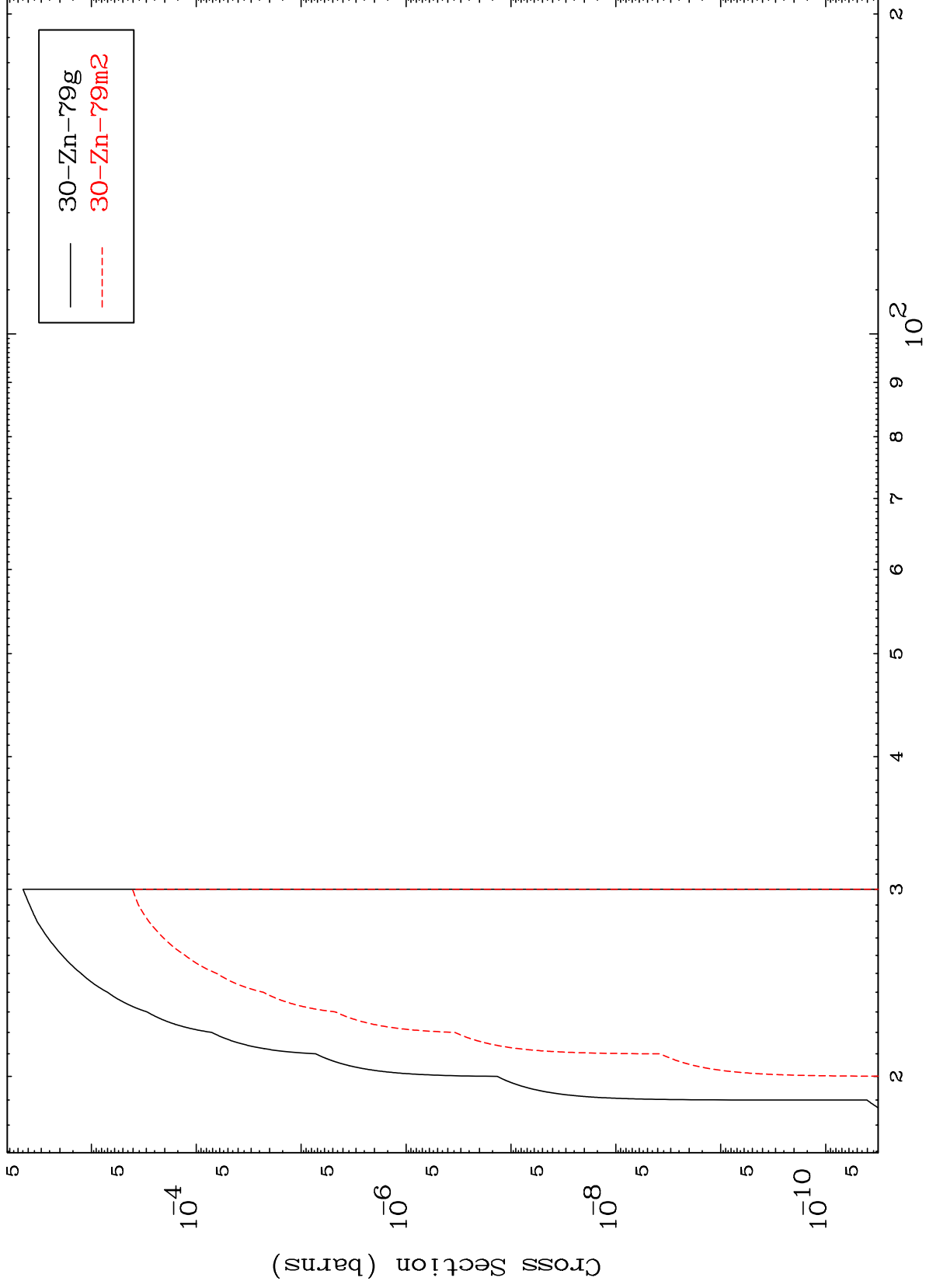


³¹Ga-81

Incident Energy (MeV)

132

Radionuclide Production Cross Section

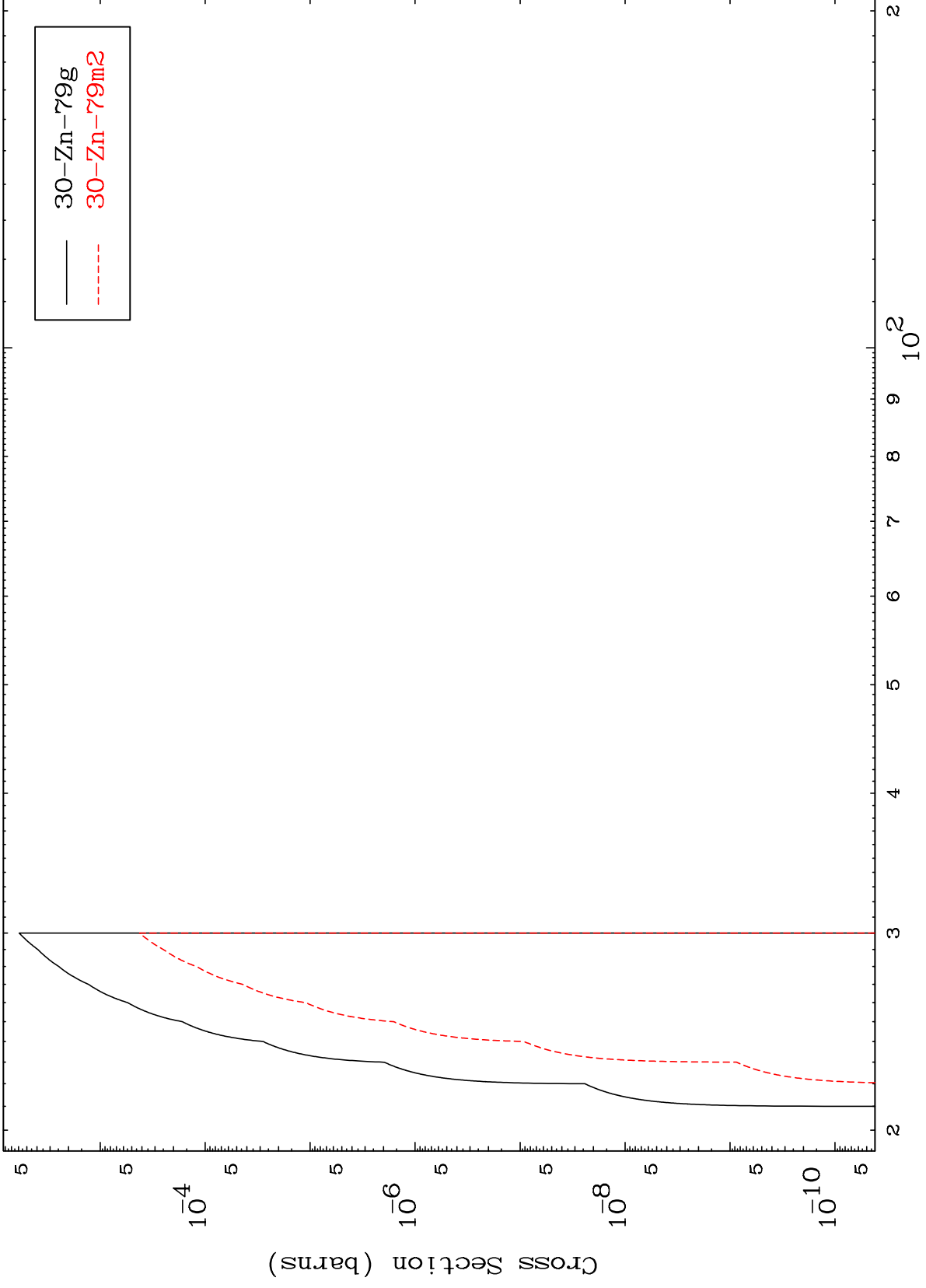


MAT 3161

(n,2n) p

31-Ga-81

Radionuclide Production Cross Section



134

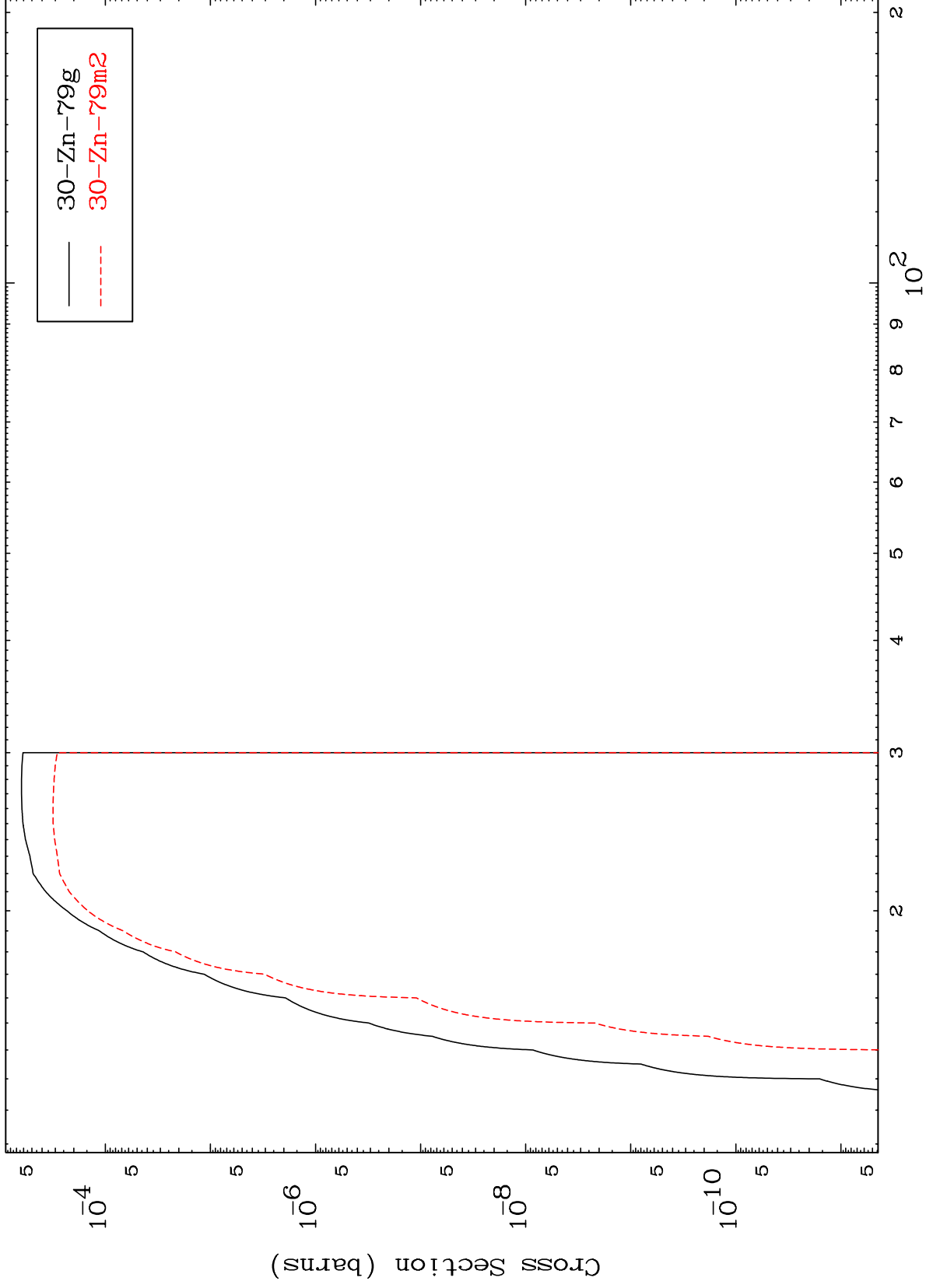
Incident Energy (MeV)

31-Ga-81

MAT 3161

31-Ga-81

(n,t)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

31-Ga-81