

Program EVALPLOT  
(Version 2017-1)

by

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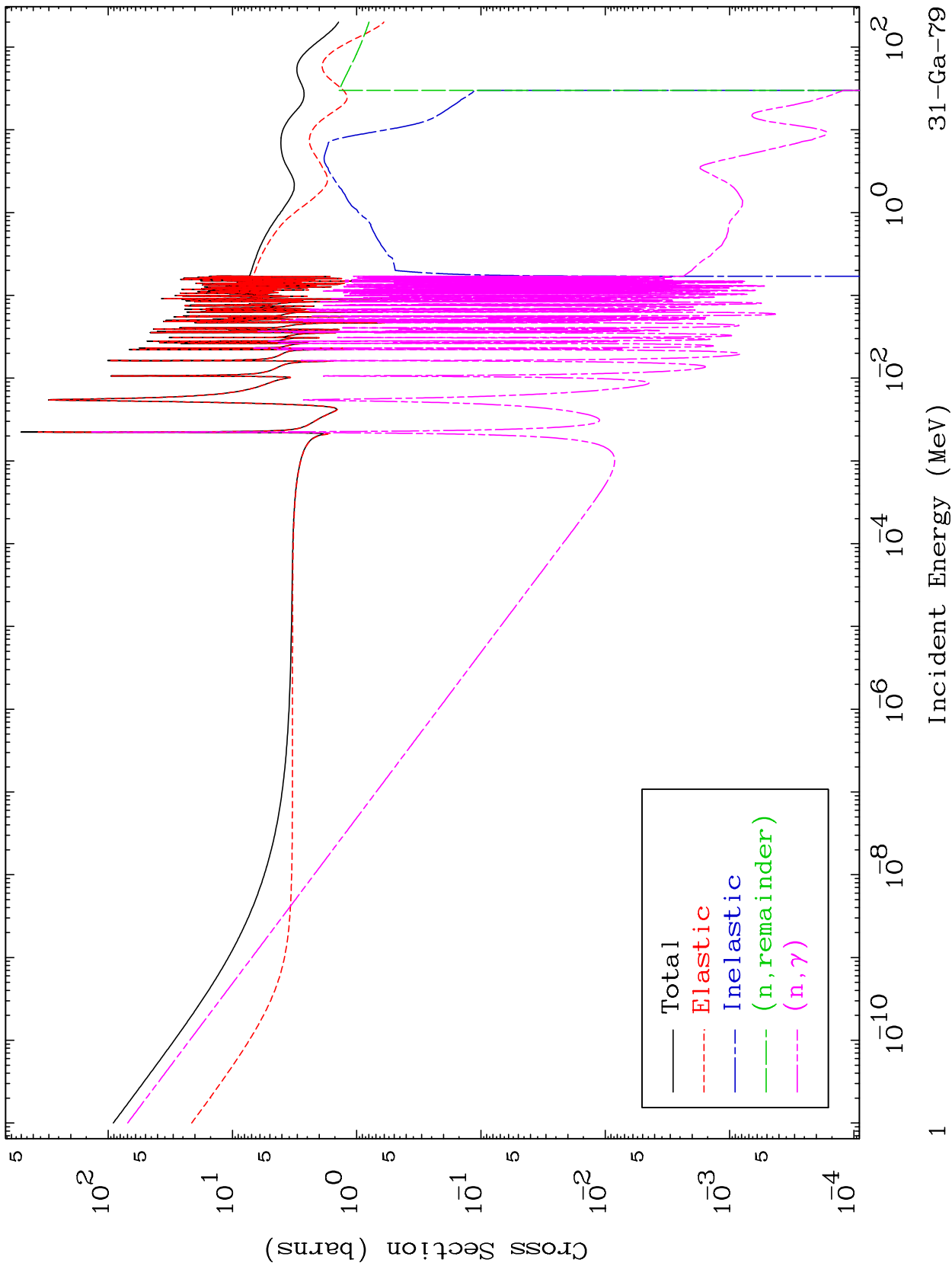
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3155

Major  
293 Kelvin Cross Sections

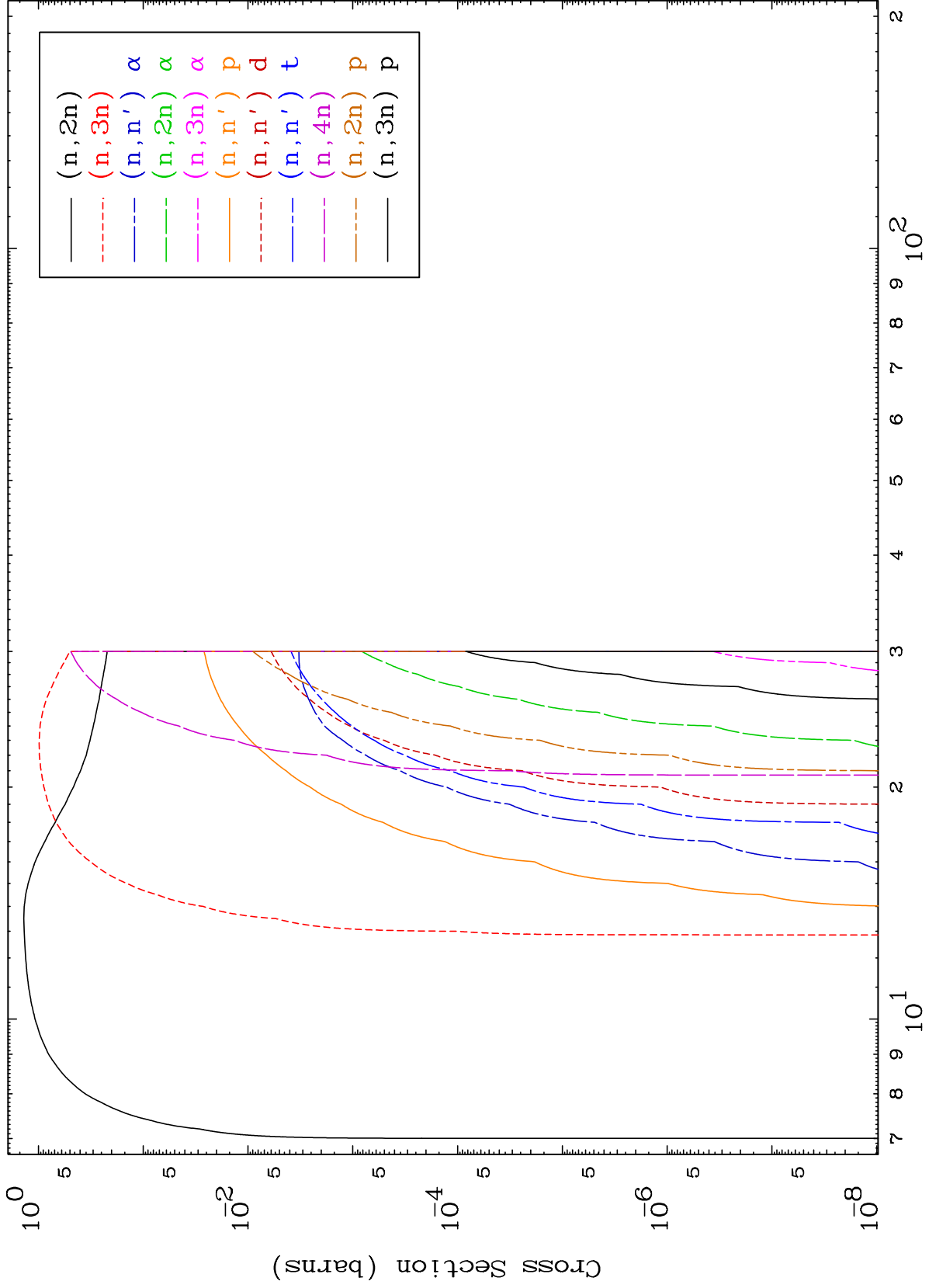
31-Ga-79



MAT 3155

Neutron Production  
293 Kelvin Cross Sections

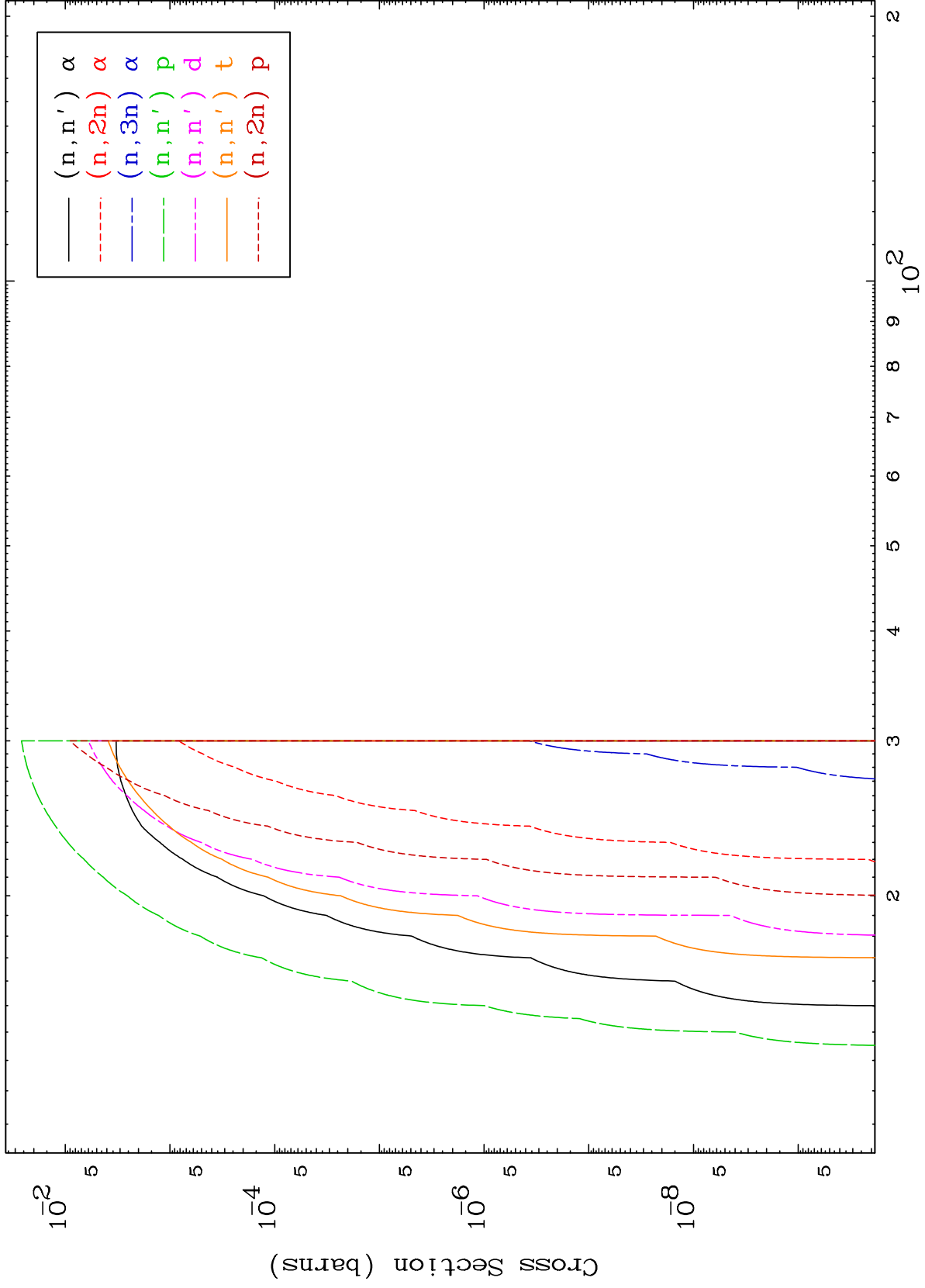
31-Ga-79



2

Incident Energy (MeV)

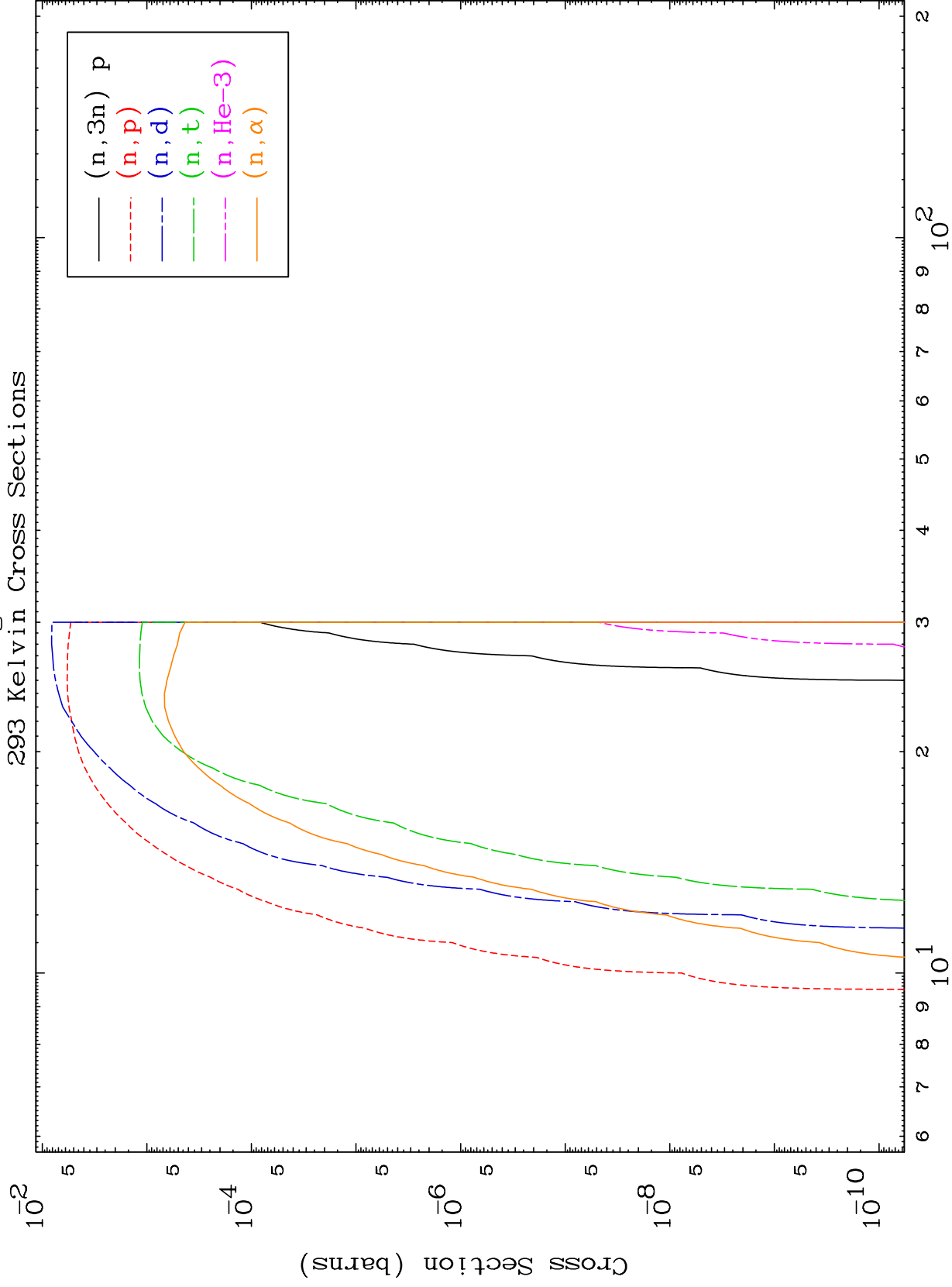
31-Ga-79



MAT 3155

Charged Particle  
293 Kelvin Cross Sections

31-Ga-79



4

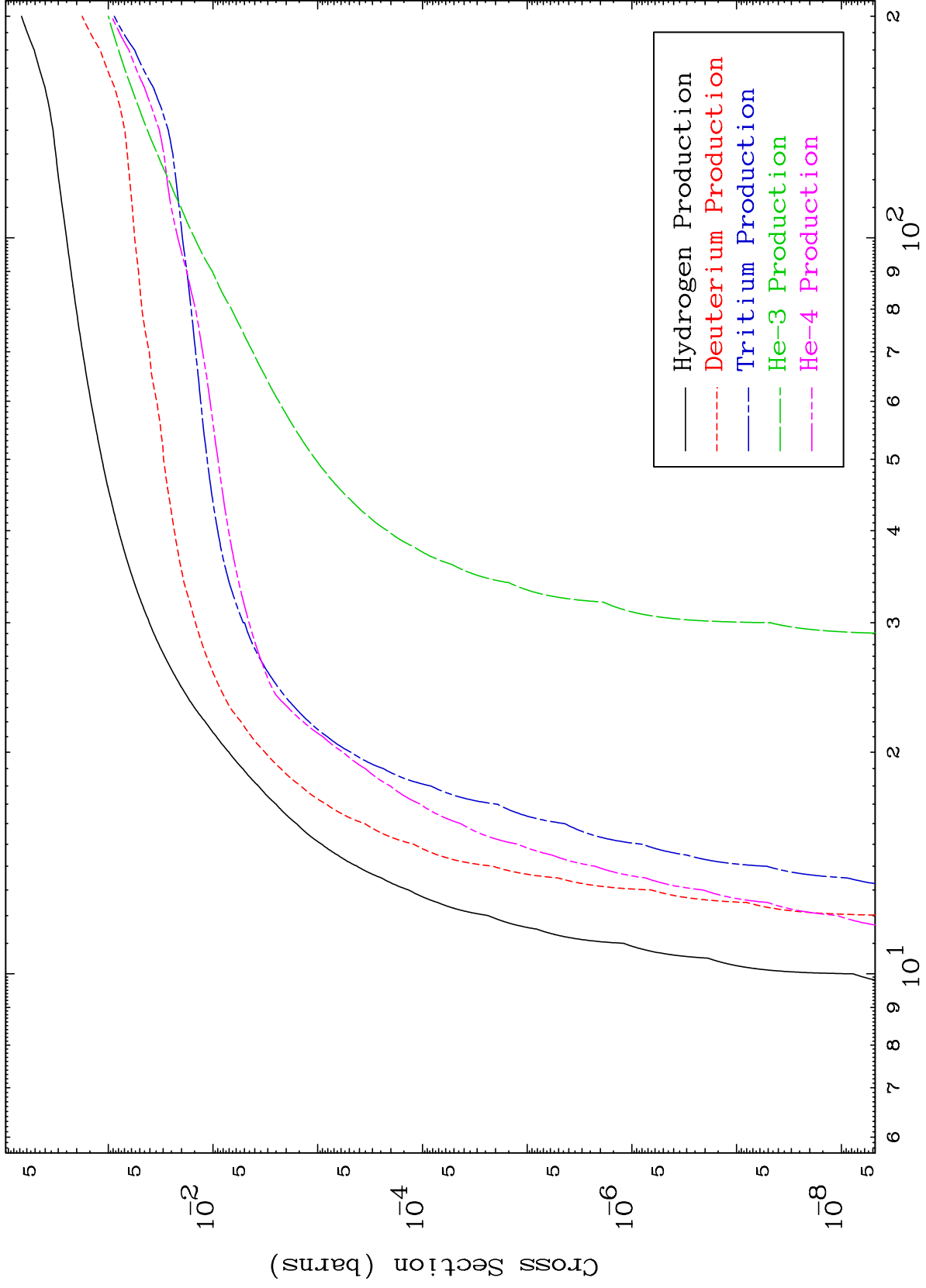
Incident Energy (MeV)

31-Ga-79

MAT 3155

Particle Production  
293 Kelvin Cross Sections

31-Ga-79

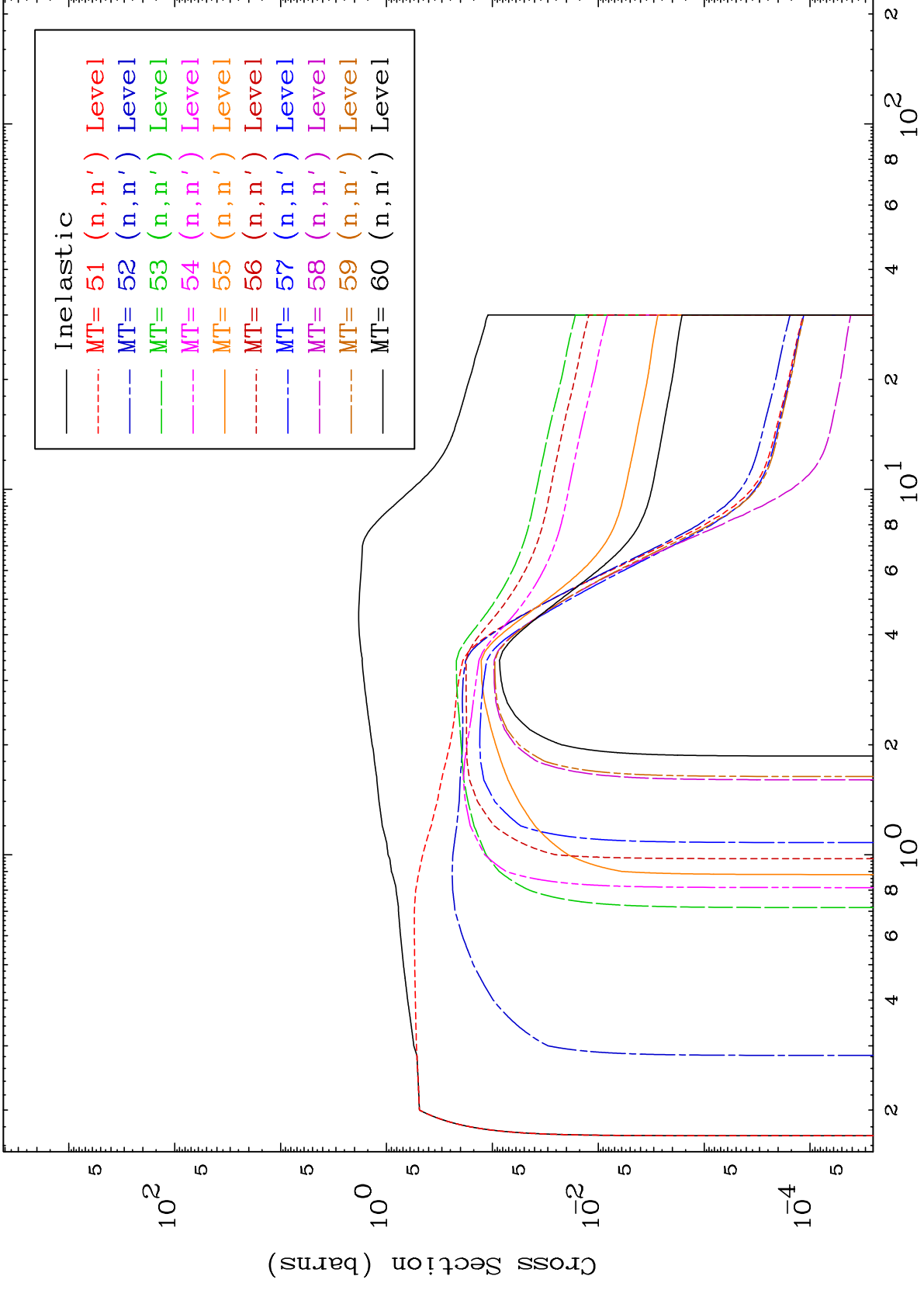


5

Incident Energy (MeV)

31-Ga-79

293 Kelvin Cross Sections

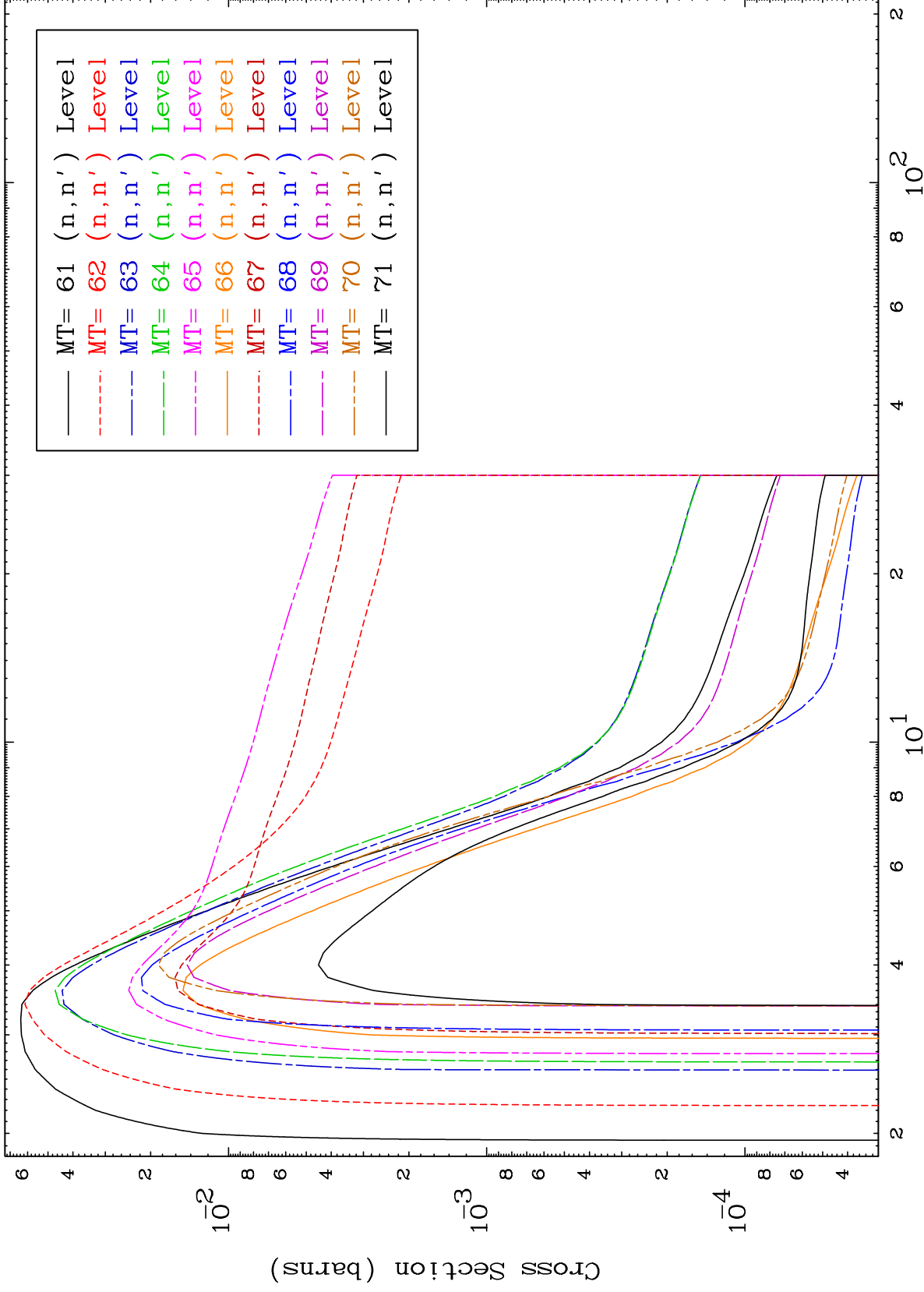


MAT 3155

(n,n') Level

31-Ga-79

293 Kelvin Cross Sections



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Incident Energy (MeV)

31-Ga-79

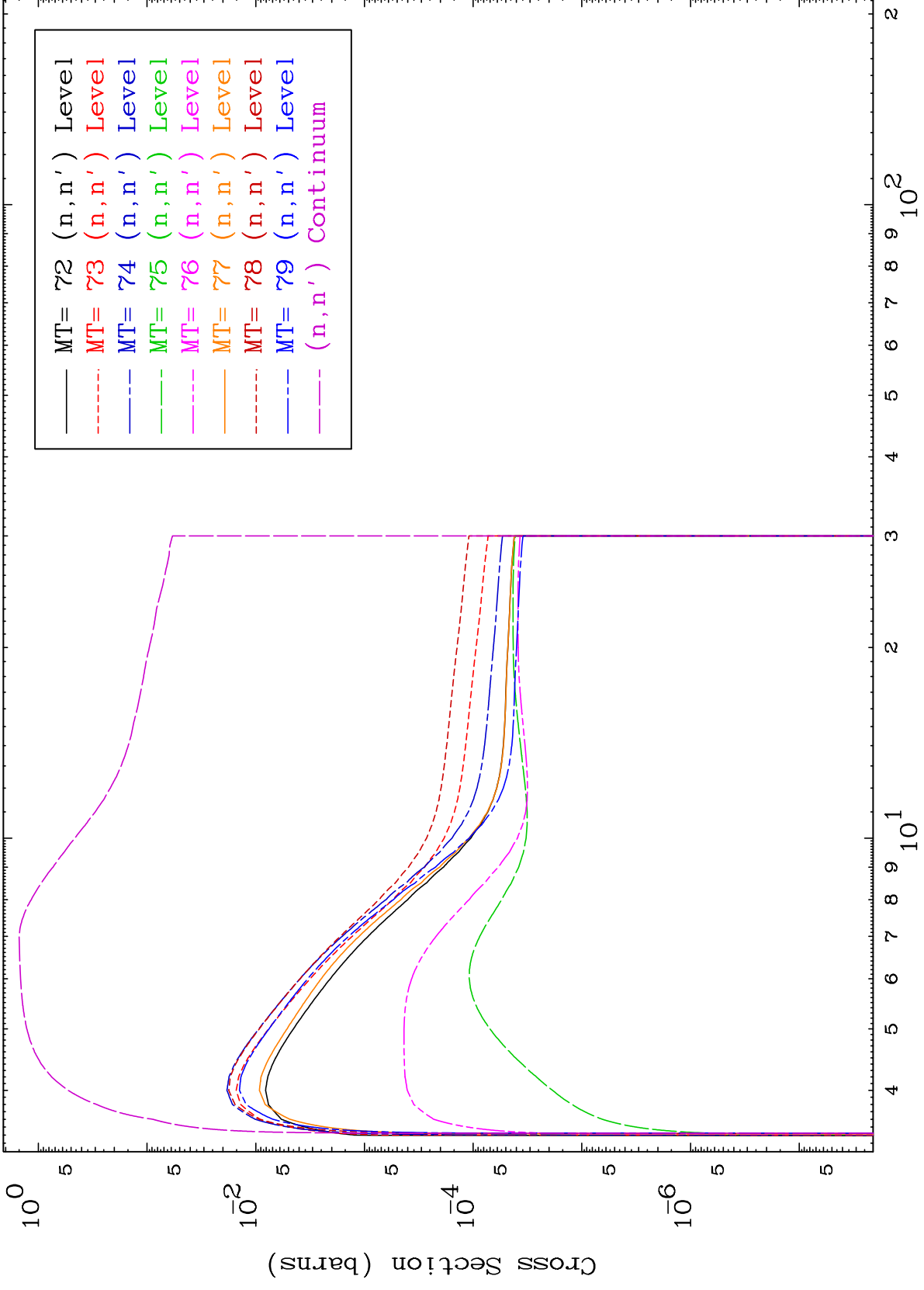


MAT 3155

(n,n') Level

31-Ga-79

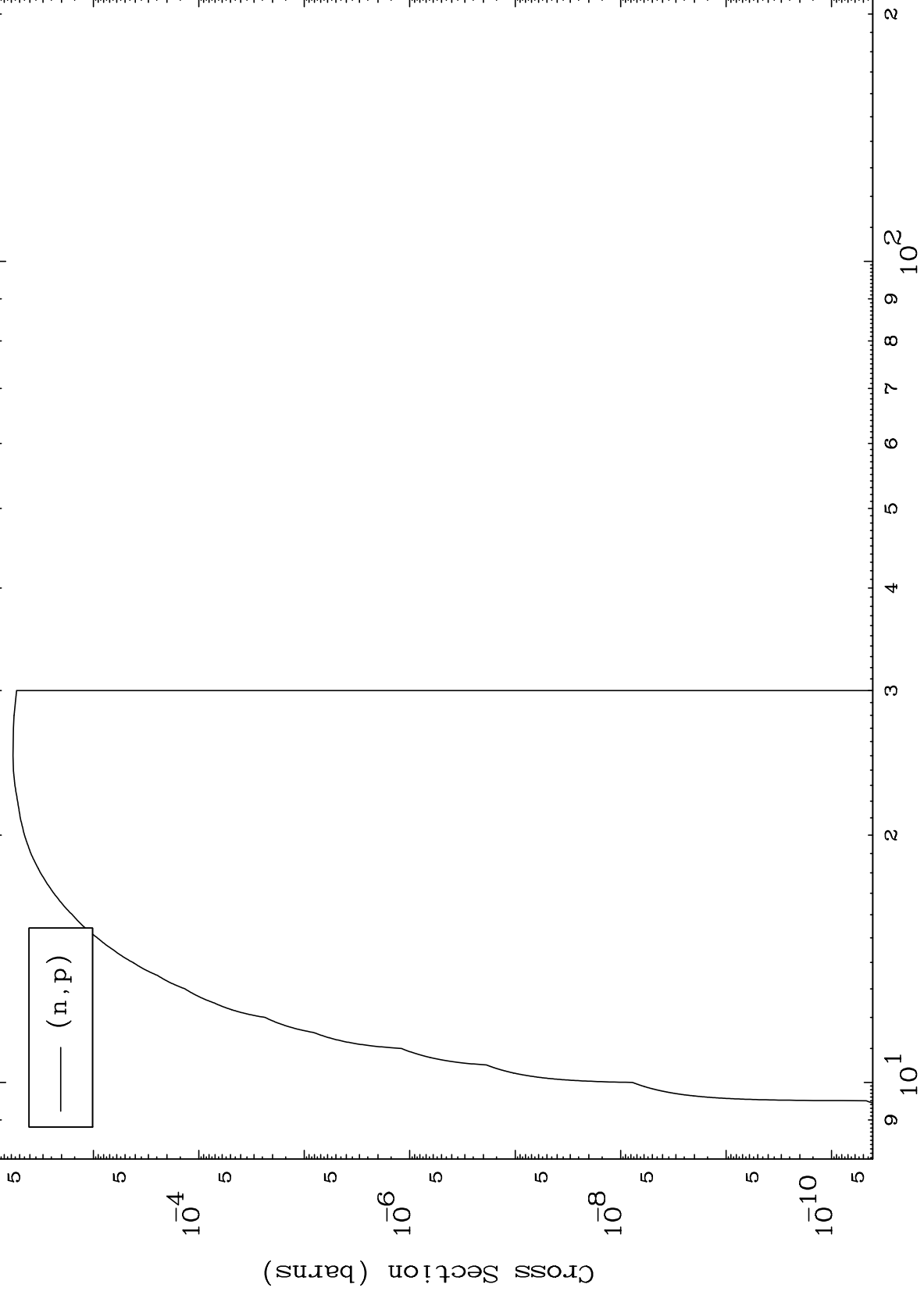
293 Kelvin Cross Sections



MAT 3155

(n,p) Levels  
293 Kelvin Cross Sections

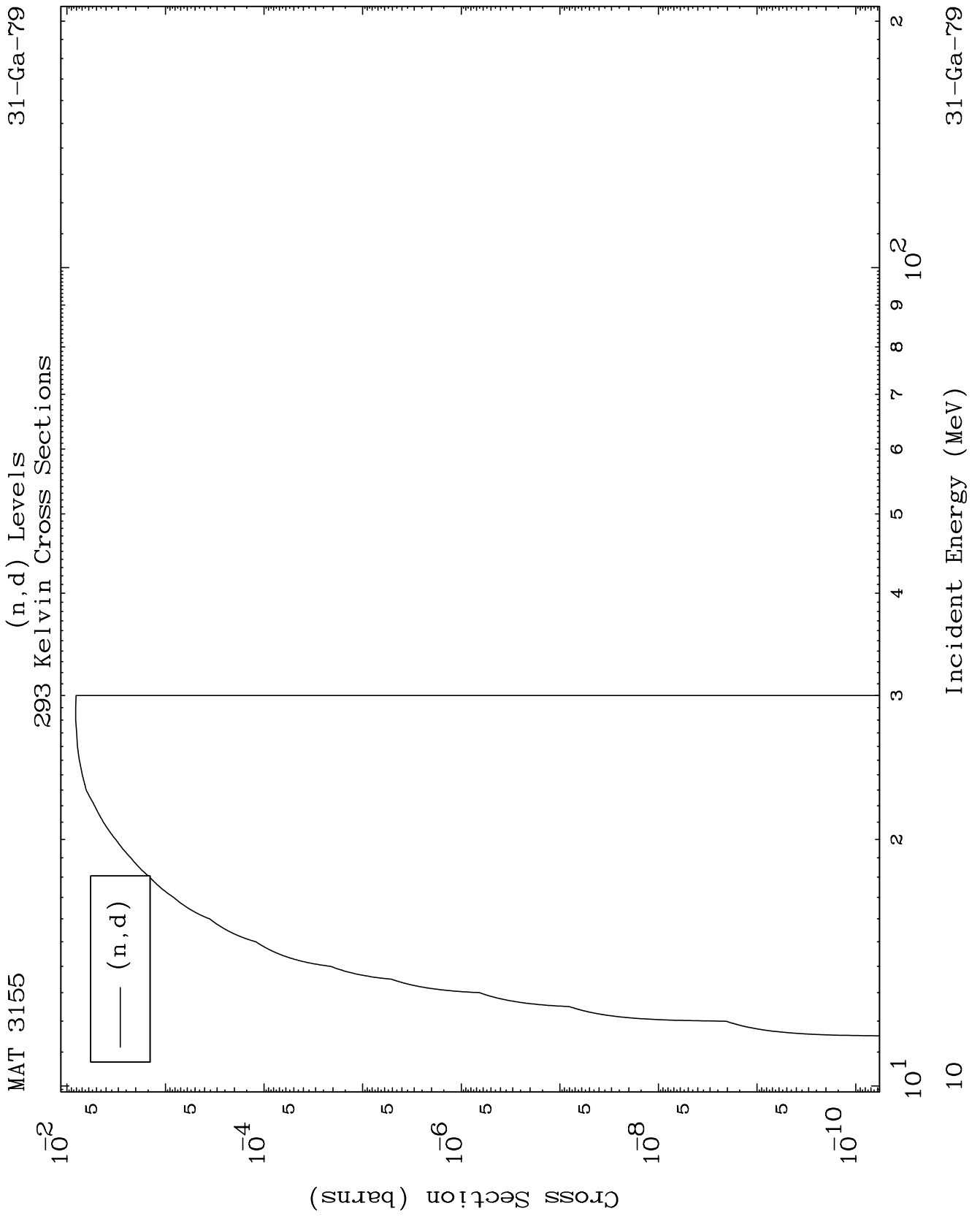
31-Ga-79

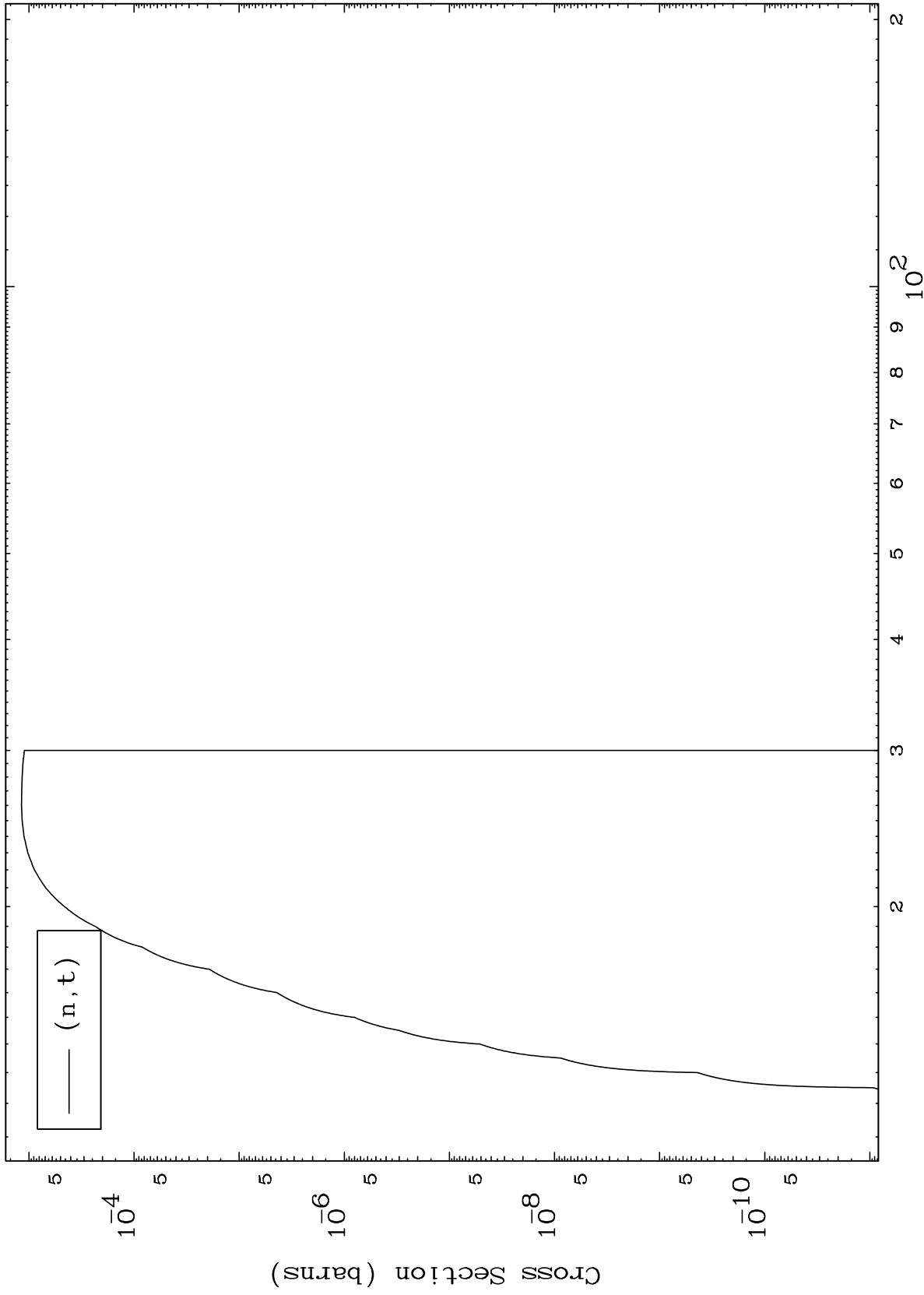


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Incident Energy (MeV)

31-Ga-79

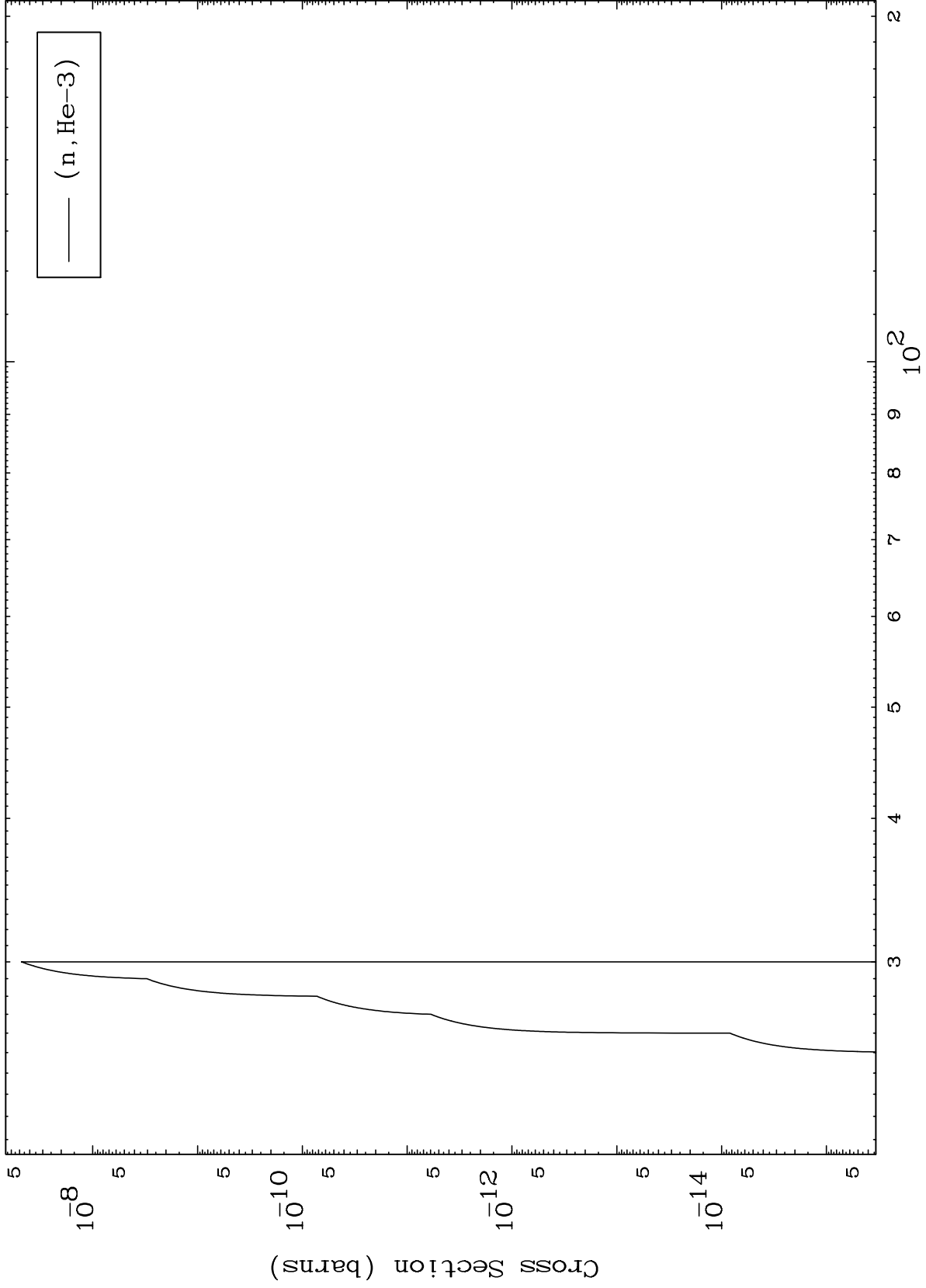




MAT 3155

(n,He3) Levels  
293 Kelvin Cross Sections

31-Ga-79



(n, He-3)

12

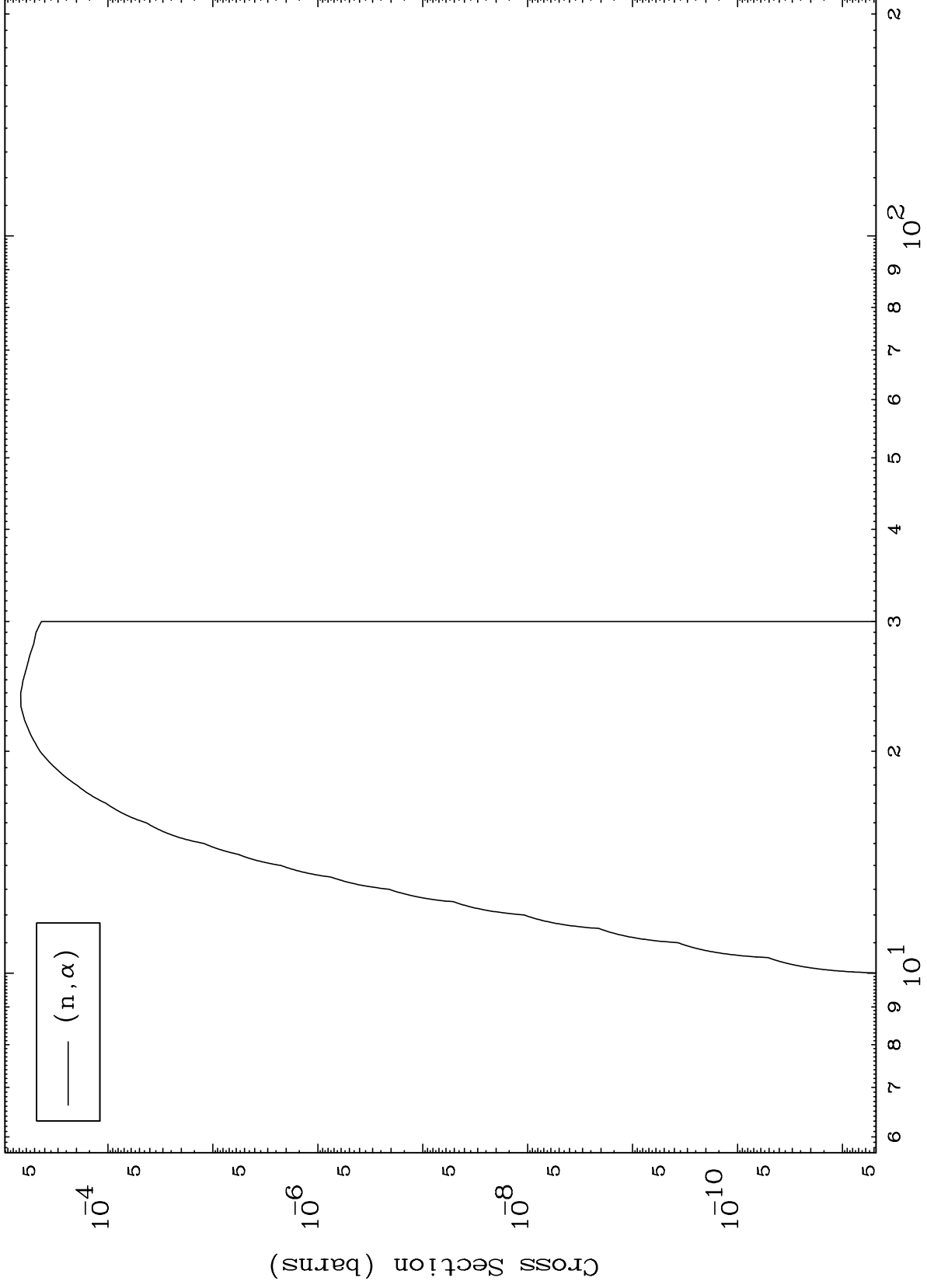
Incident Energy (MeV)

31-Ga-79

MAT 3155

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

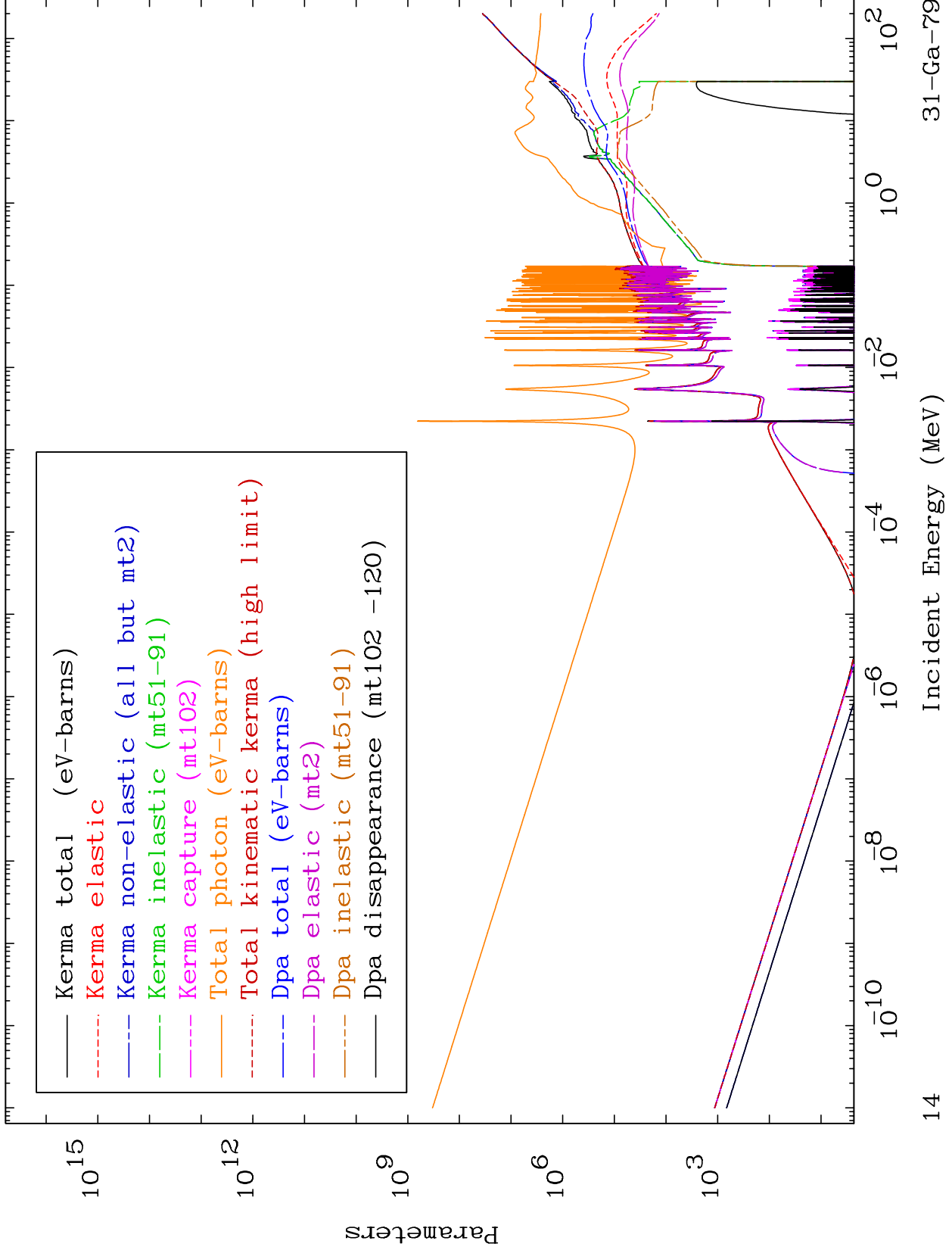
31-Ga-79



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Incident Energy (MeV)

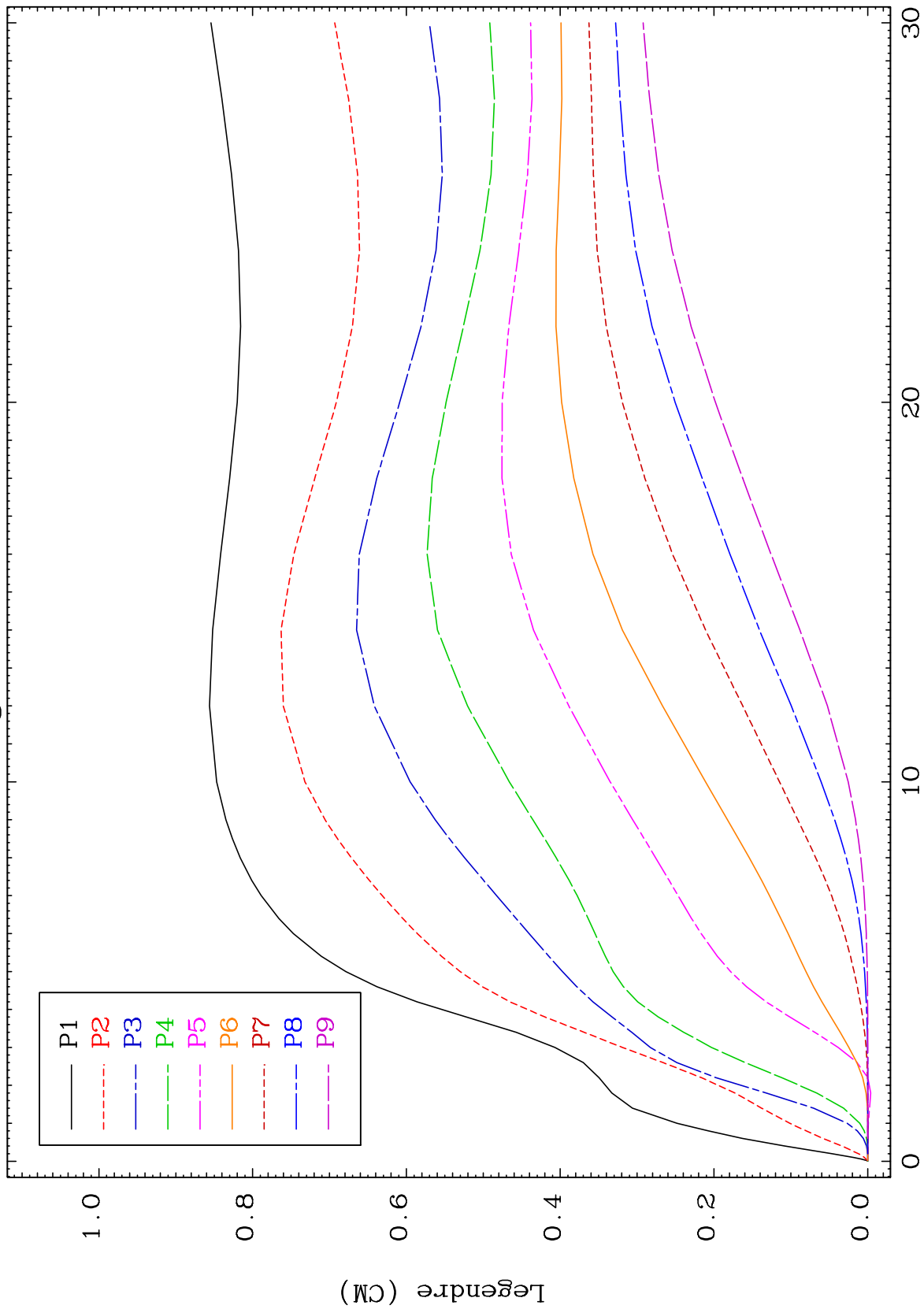
31-Ga-79



MAT 3155

Elastic Legendre Coefficients

31-Ga-79

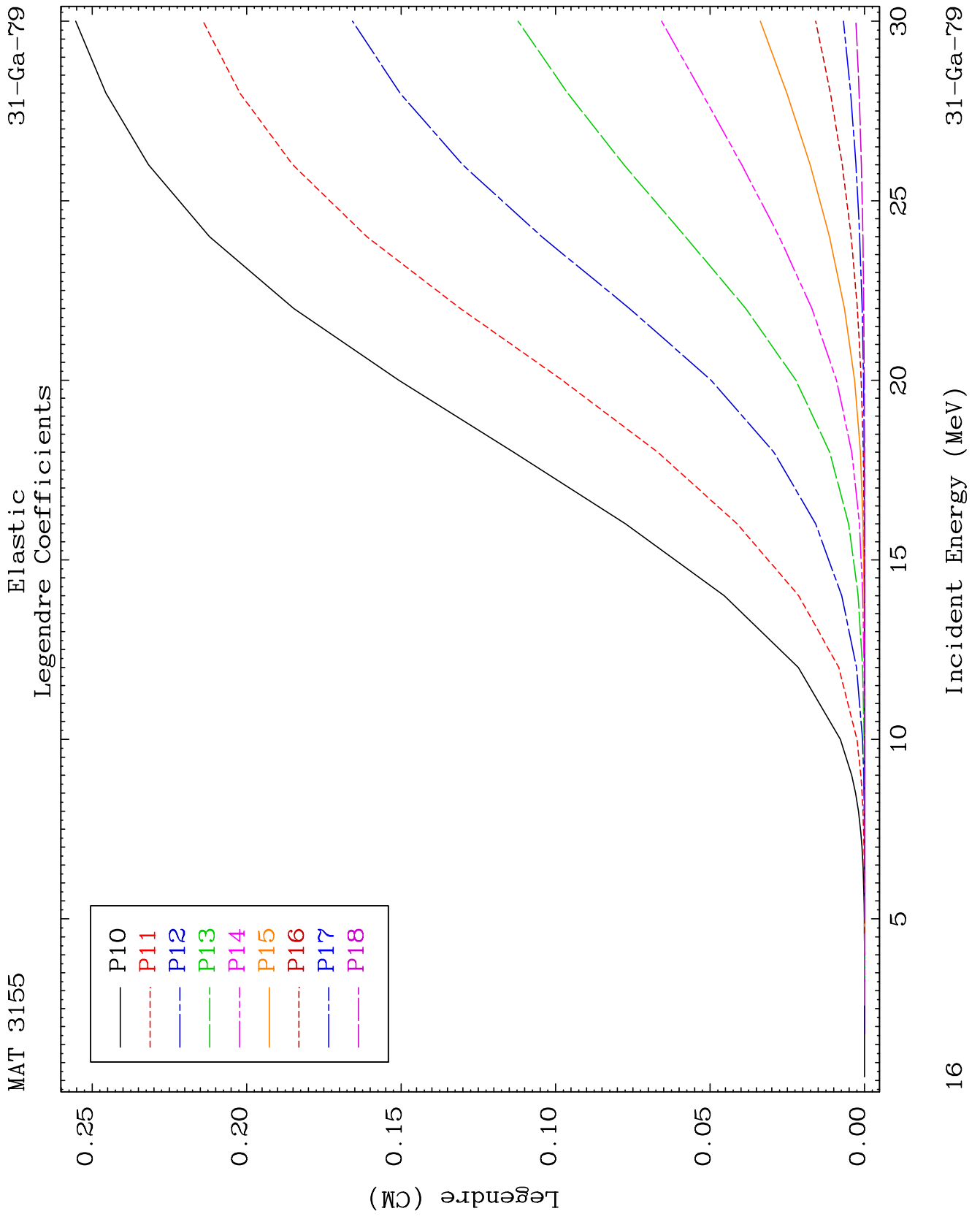


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Incident Energy (MeV)

31-Ga-79

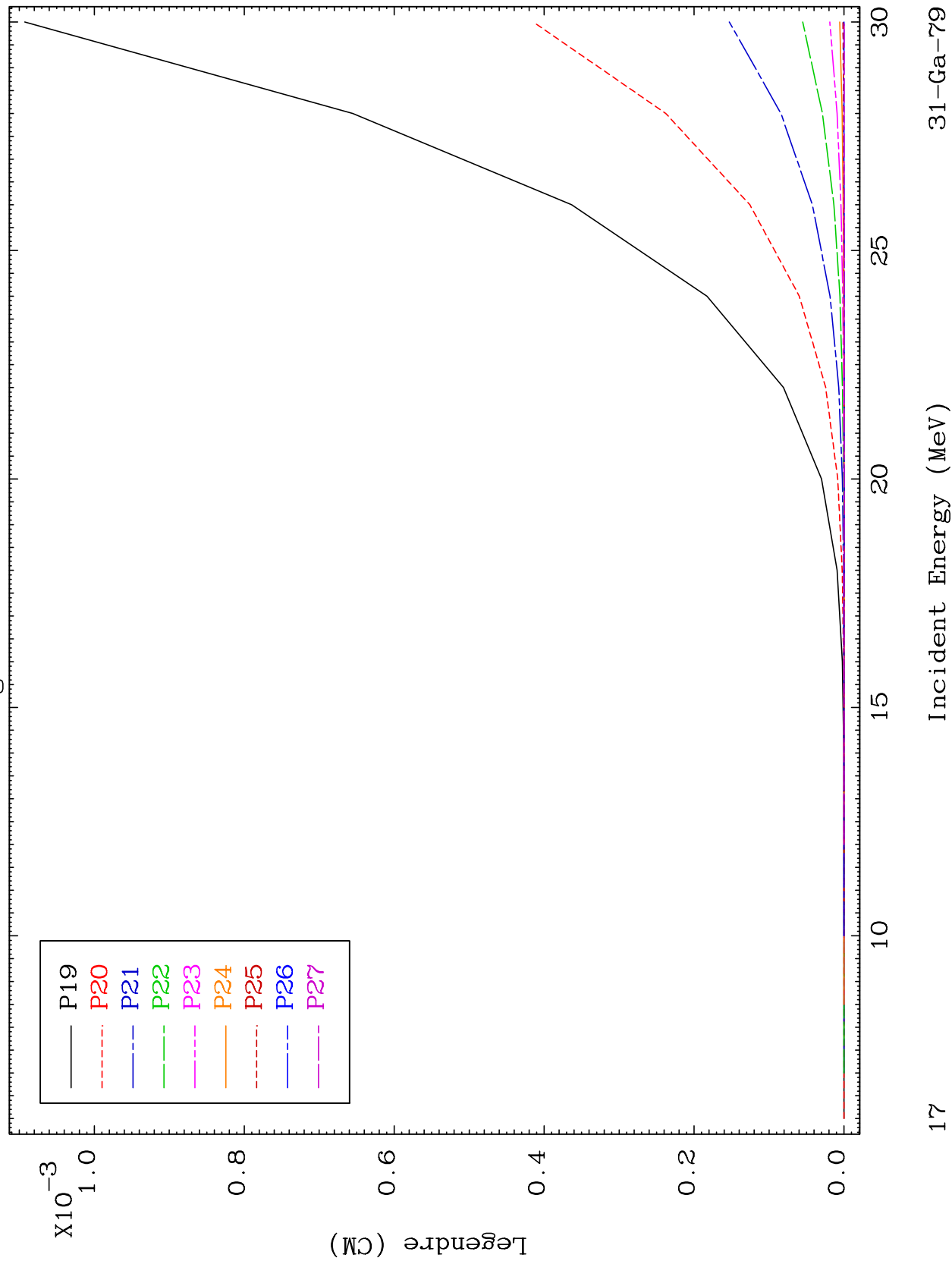




MAT 3155

### Elastic Legendre Coefficients

31-Ga-79



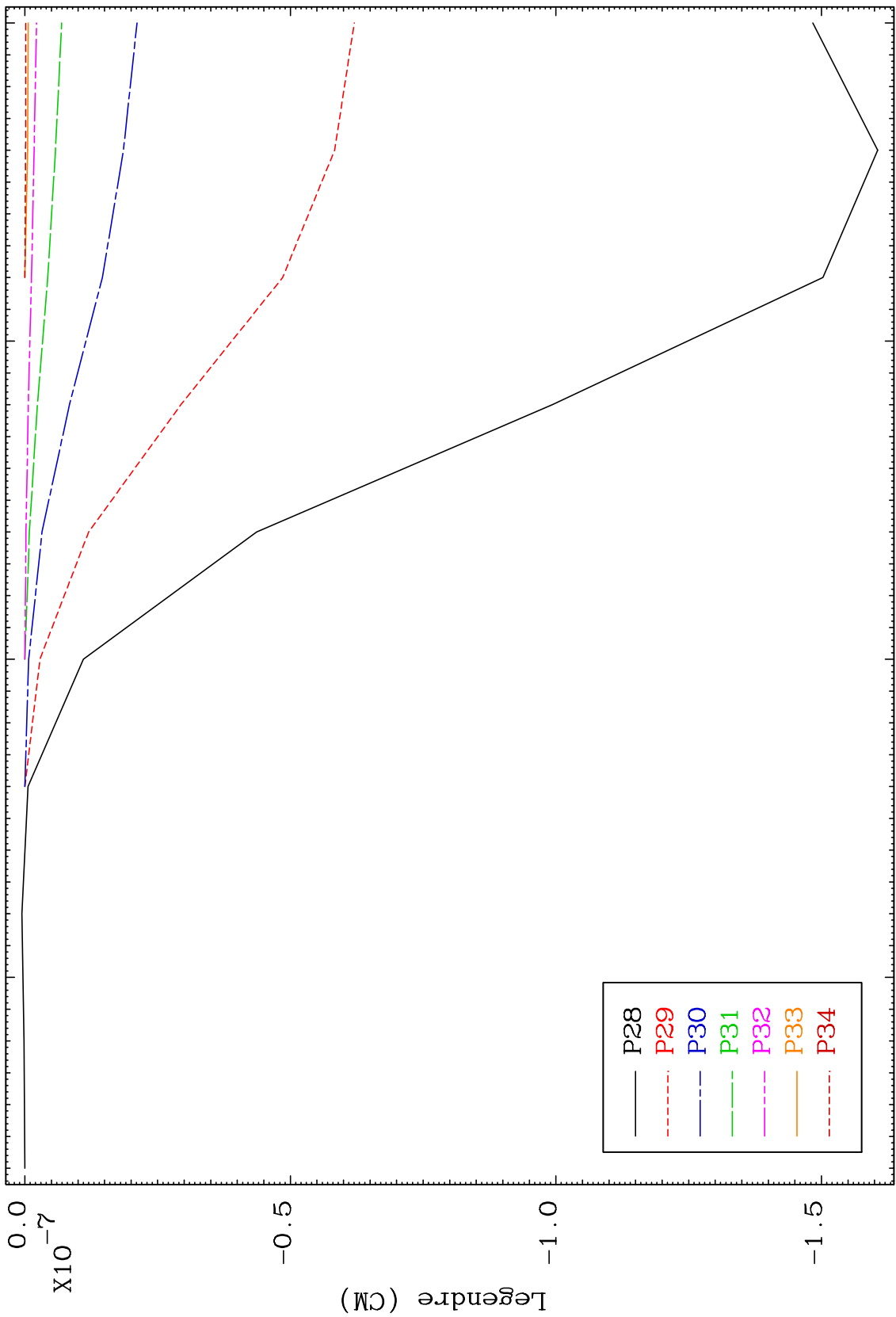
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31-Ga-79

MAT 3155

31-Ga-79

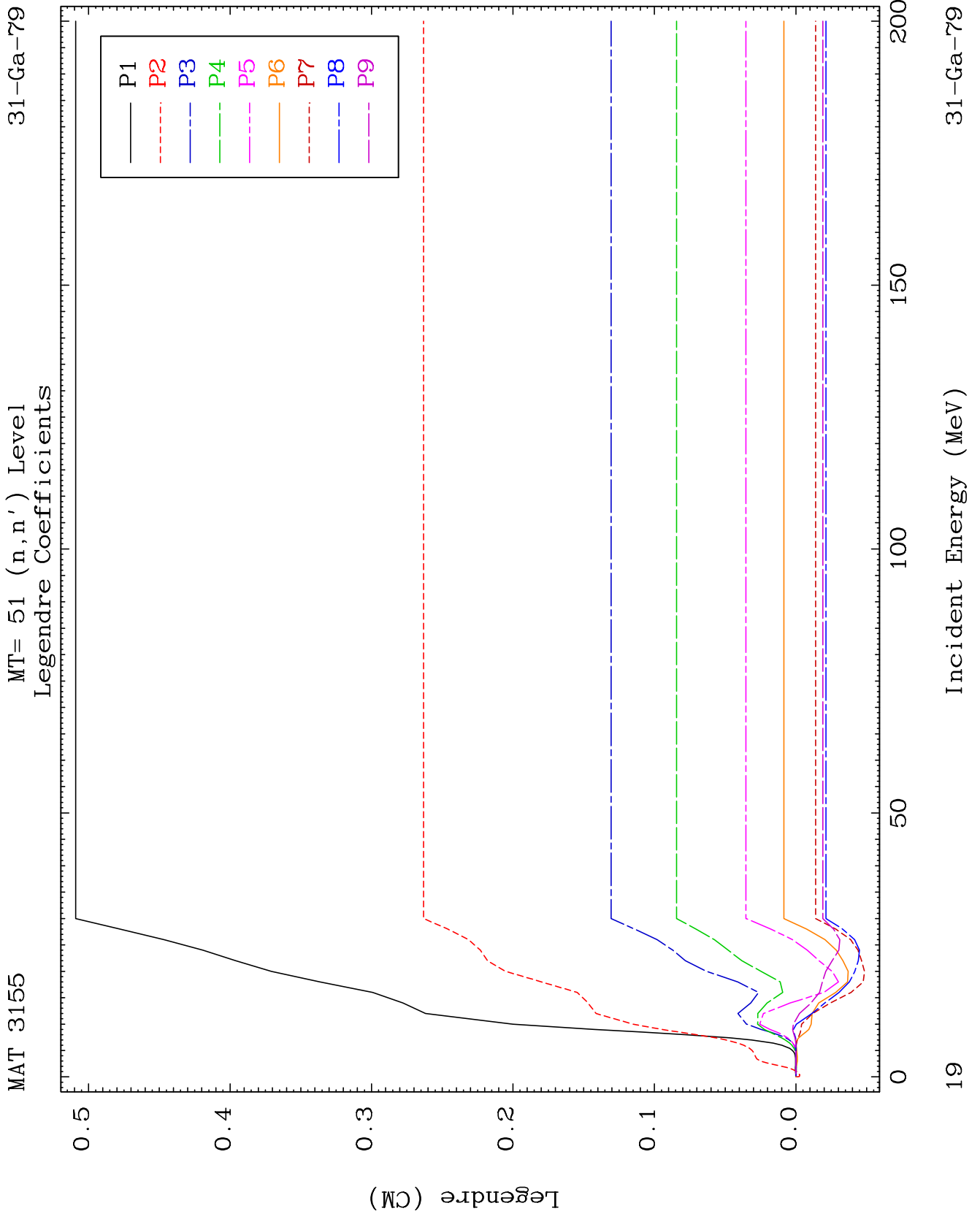
Elastic Legendre Coefficients



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Incident Energy (MeV)

31-Ga-79

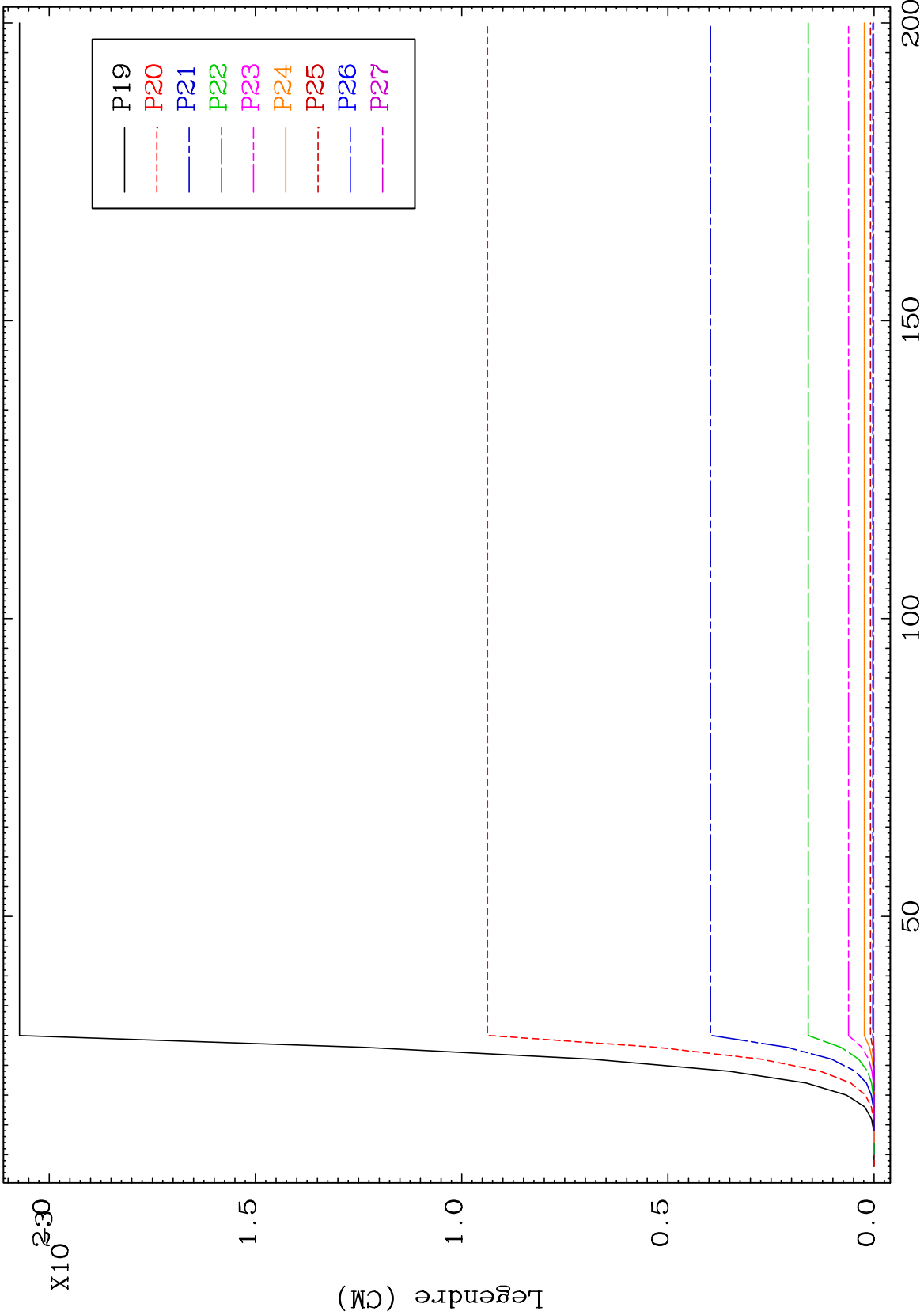




MAT 3155

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

31-Ga-79



21

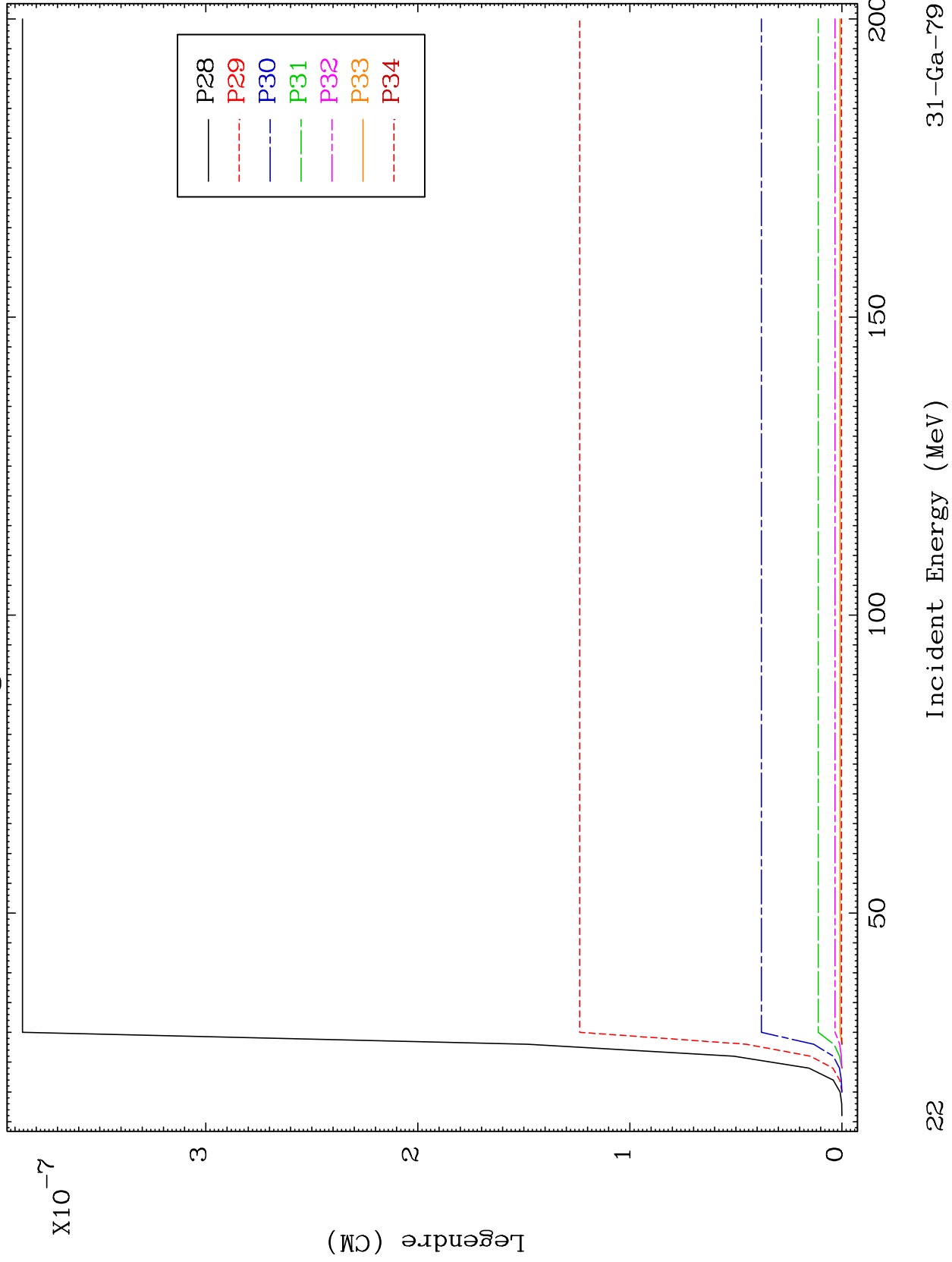
Incident Energy (MeV)

31-Ga-79

MAT 3155

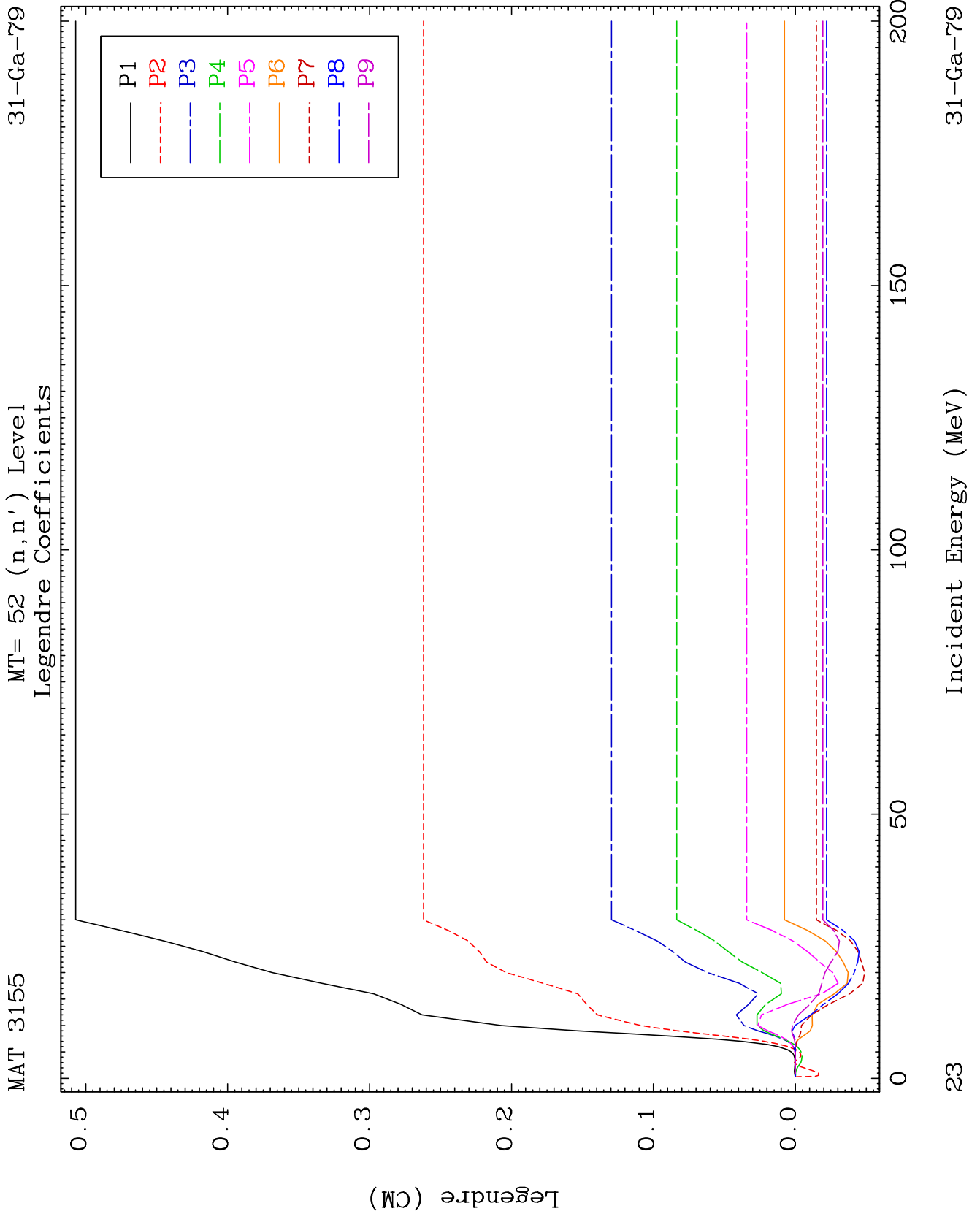
MT= 51 (n,n') Level  
Legendre Coefficients

31-Ga-79

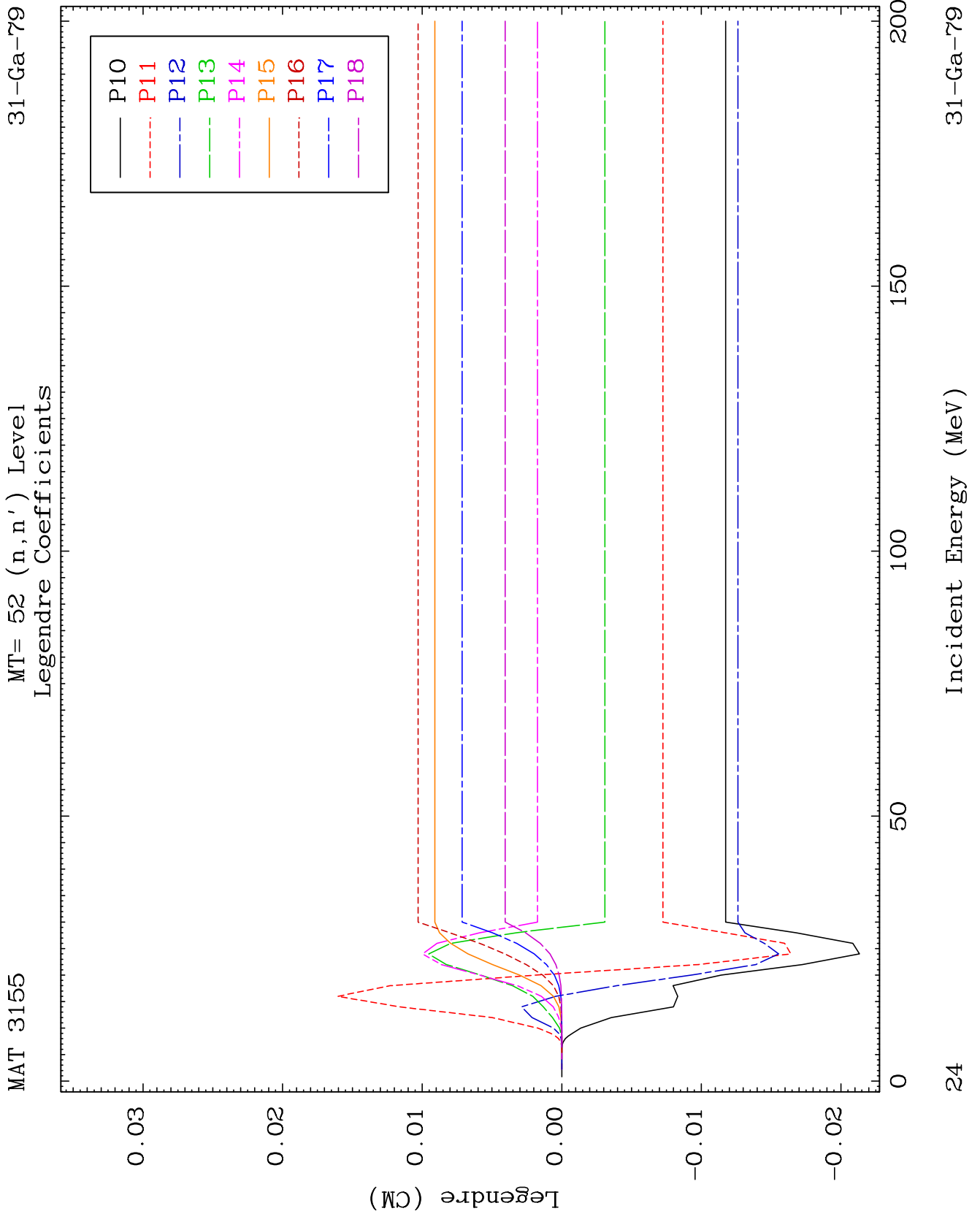


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31-Ga-79



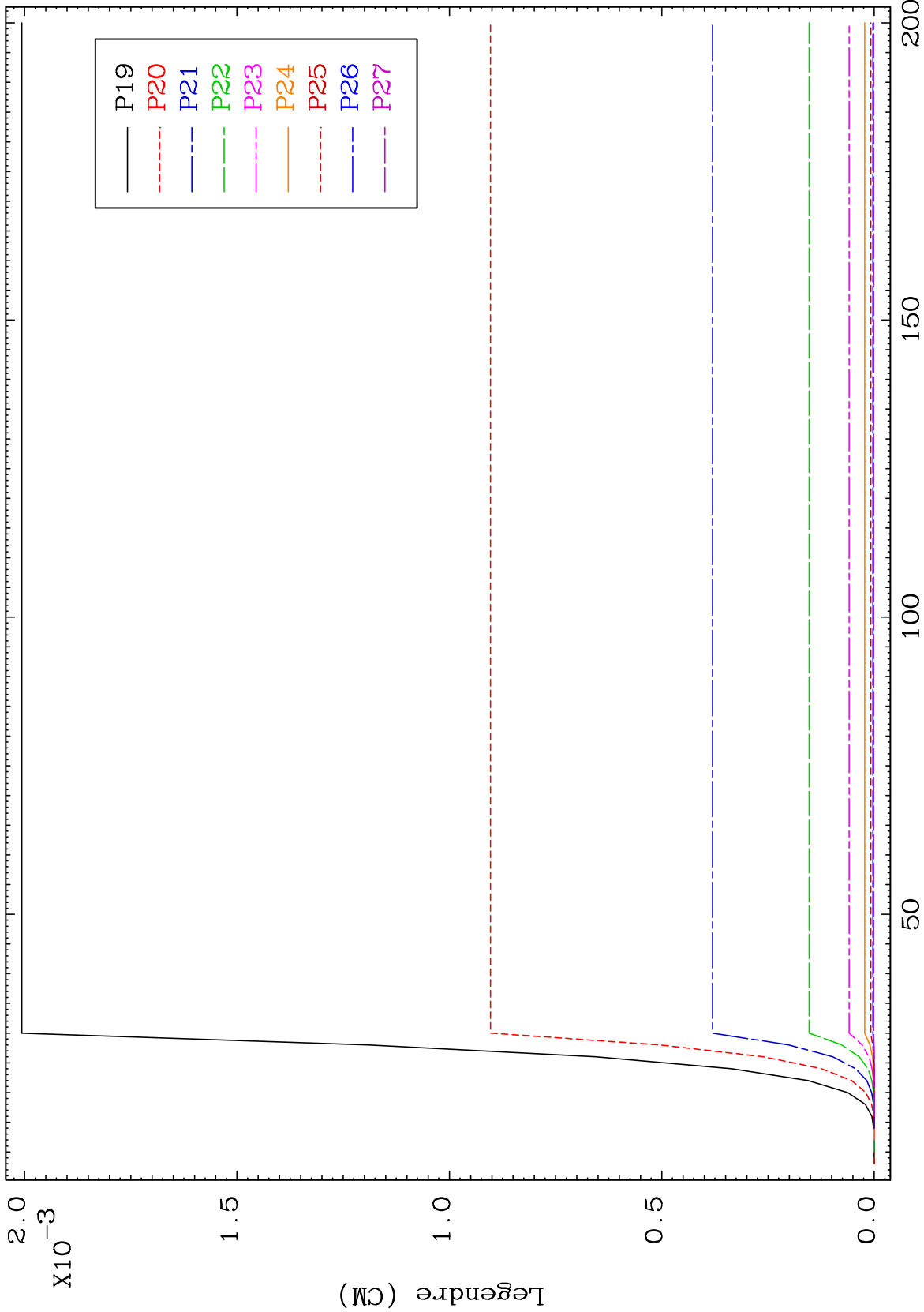




MAT 3155

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

<sup>31</sup>Ga-79



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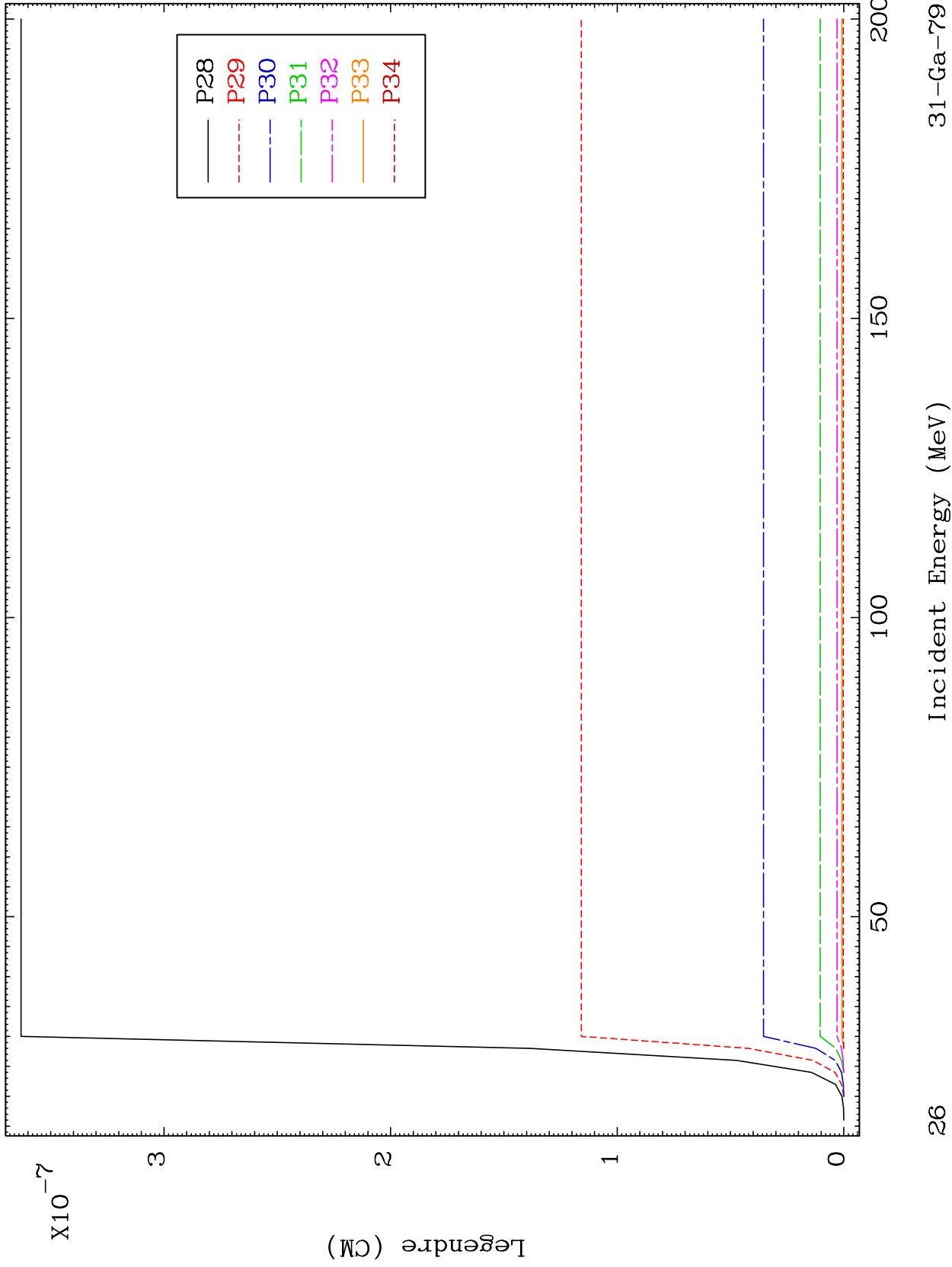
Incident Energy (MeV)

<sup>31</sup>Ga-79

MAT 3155

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

31-Ga-79



26

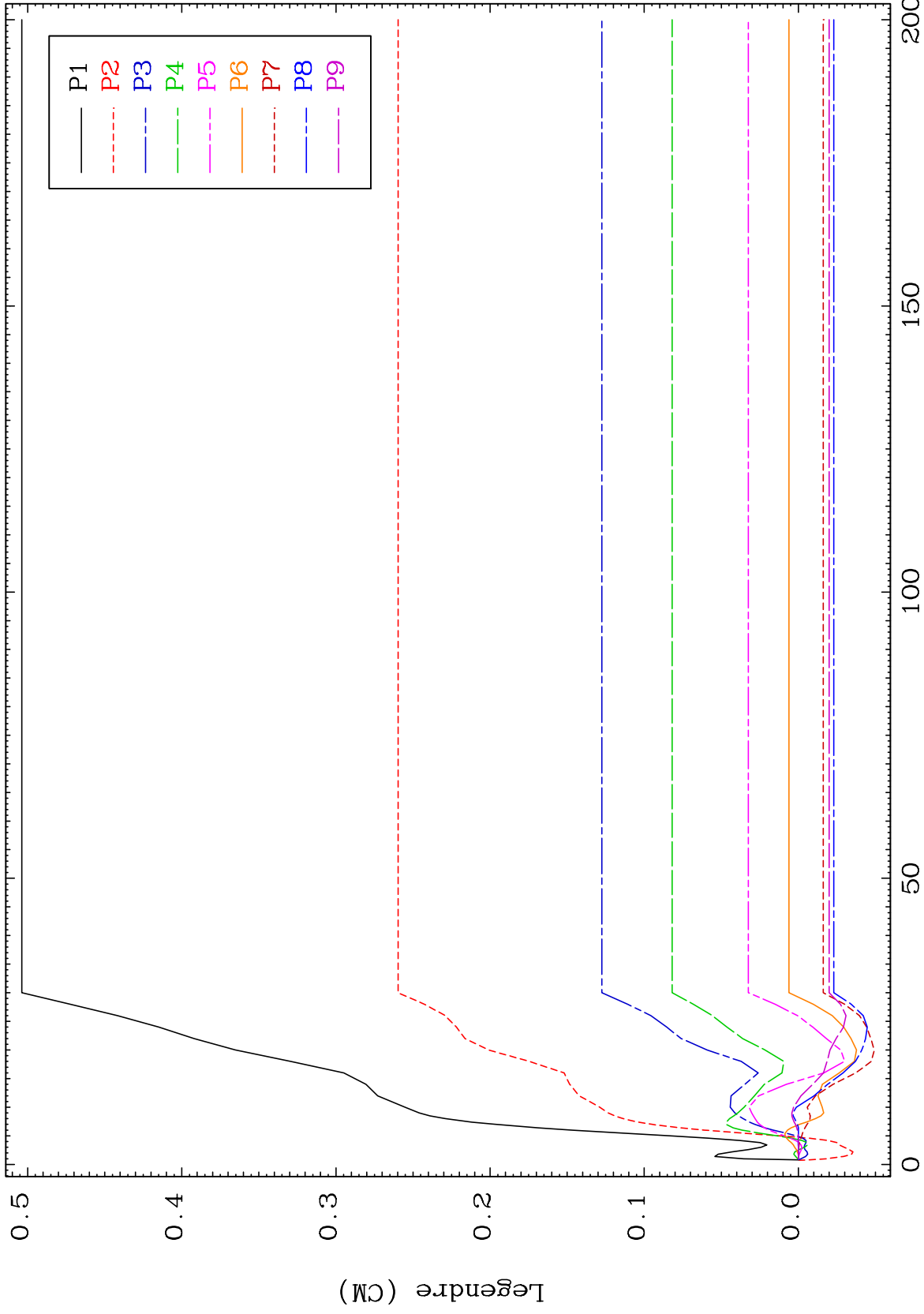
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



27

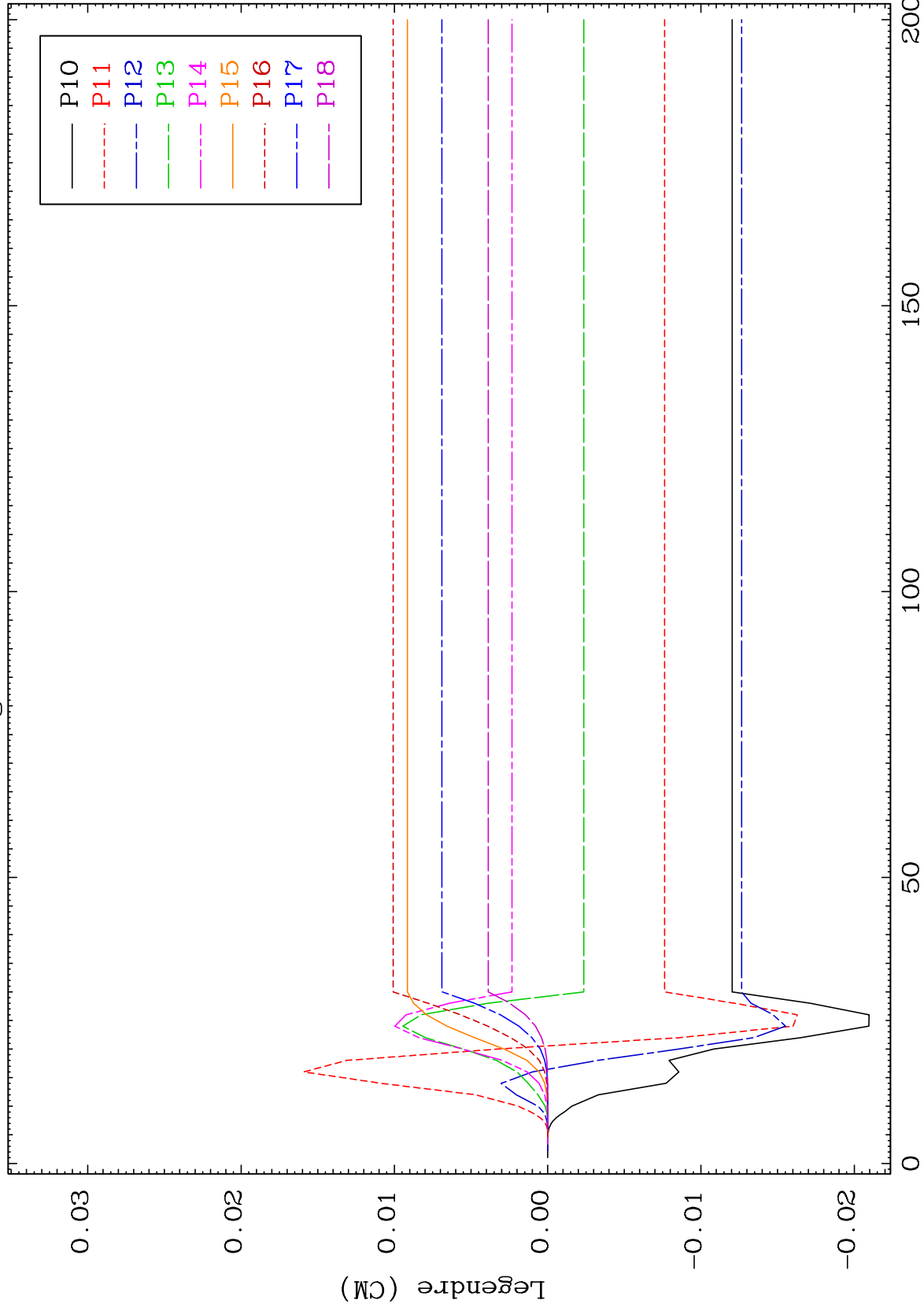
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



28

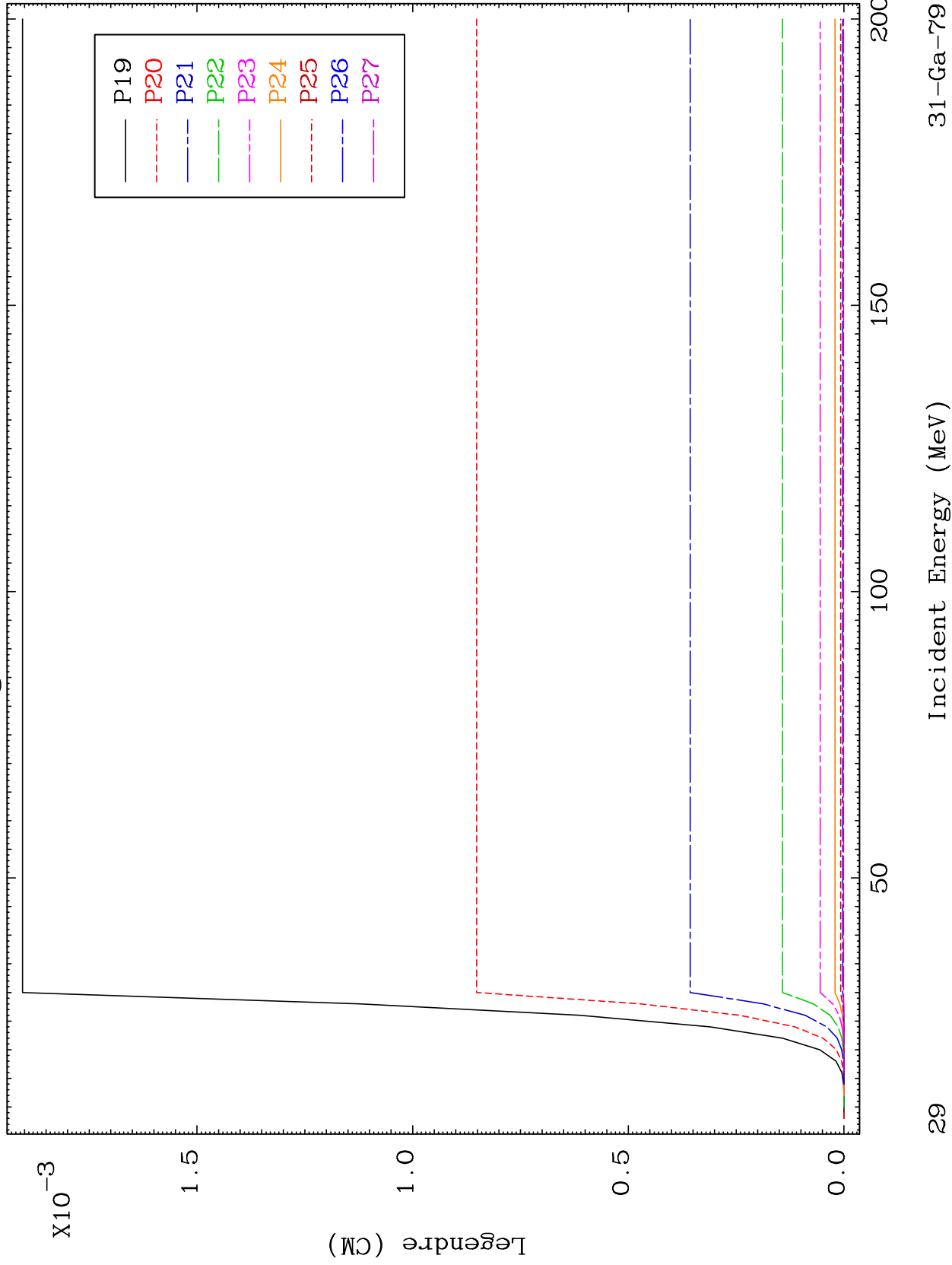
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

<sup>31</sup>Ga-79



29

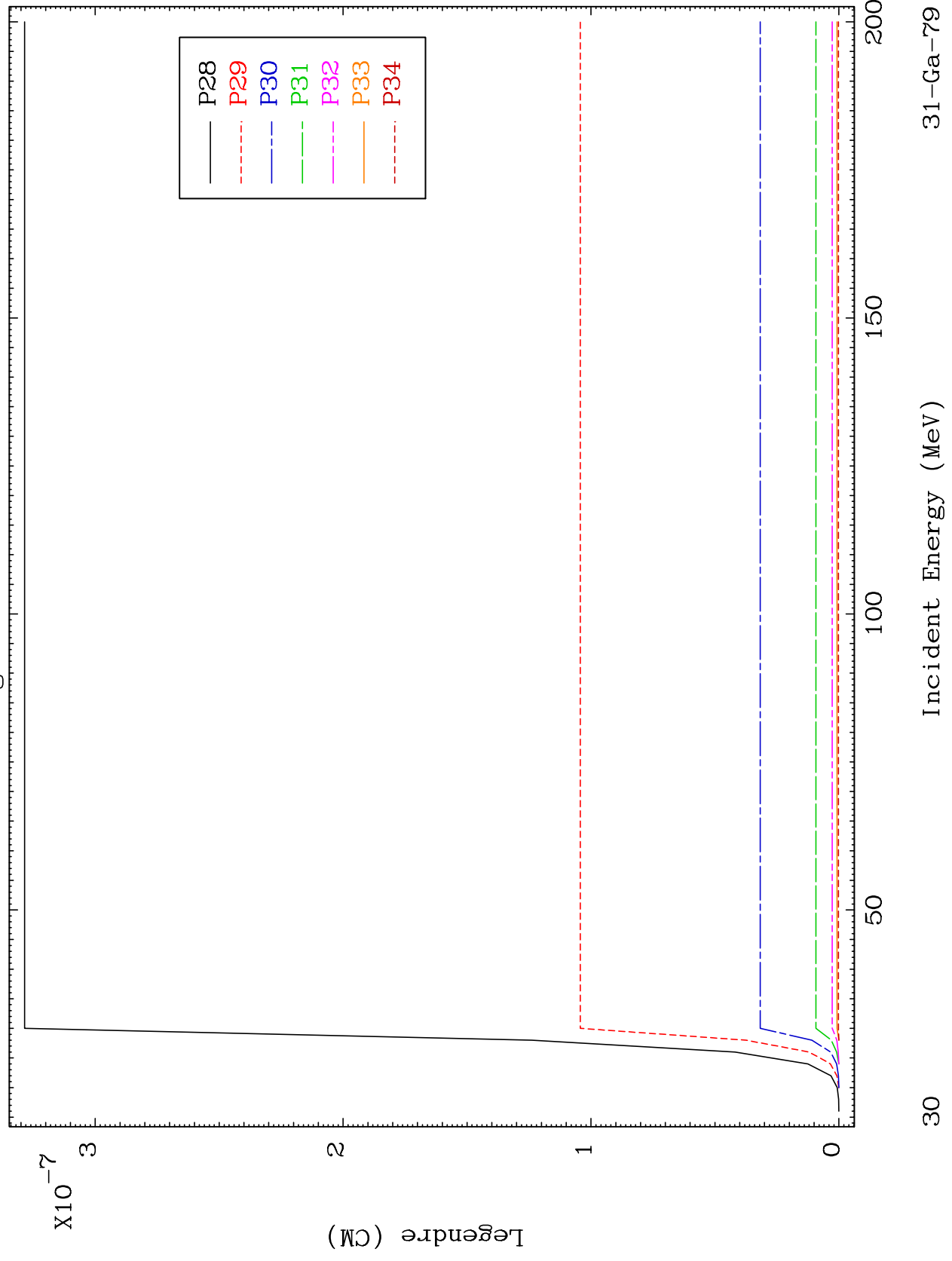
Incident Energy (MeV)

<sup>31</sup>Ga-79

MAT 3155

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

31-Ga-79





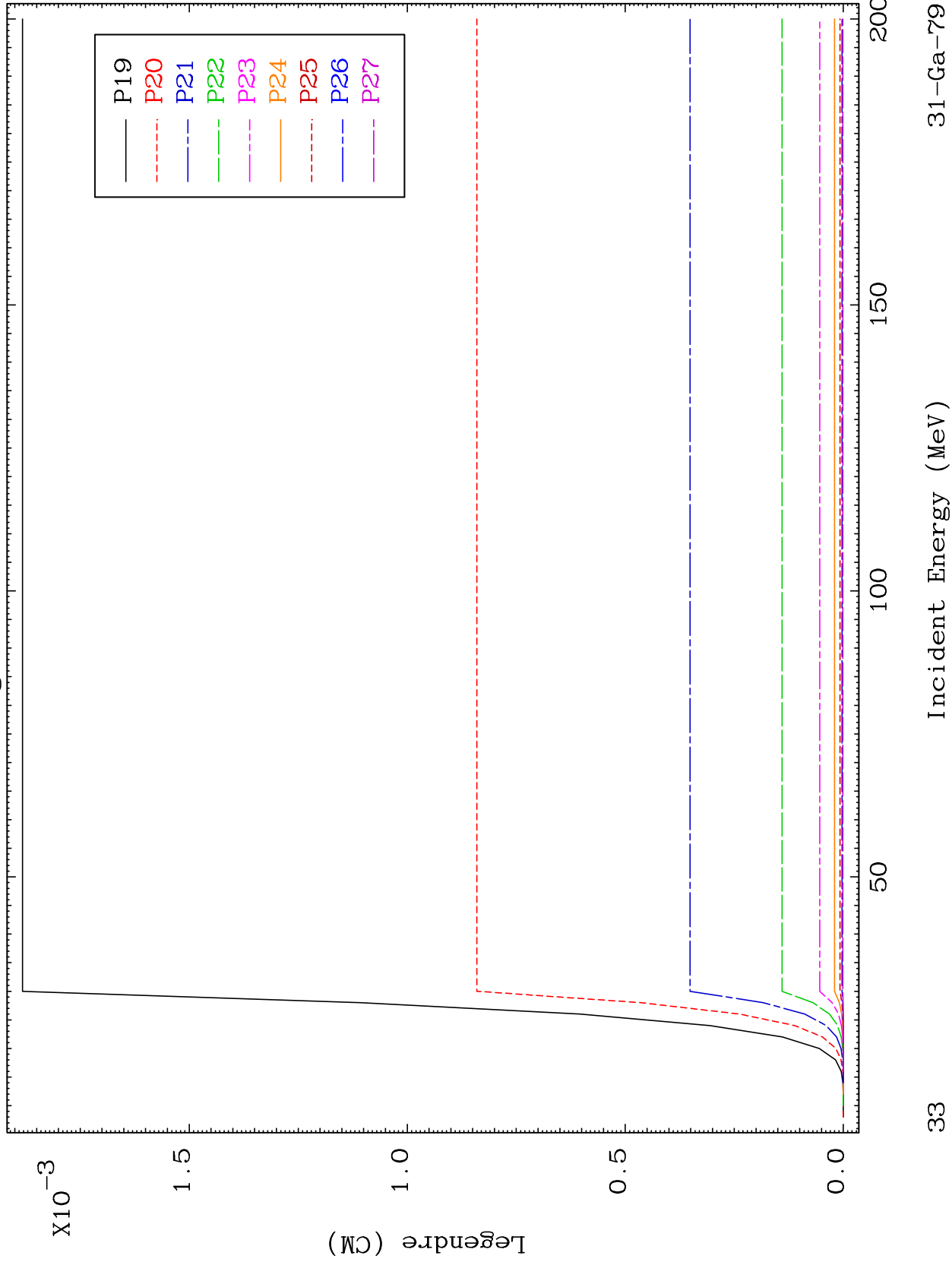




MAT 3155

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

<sup>31</sup>Ga-79



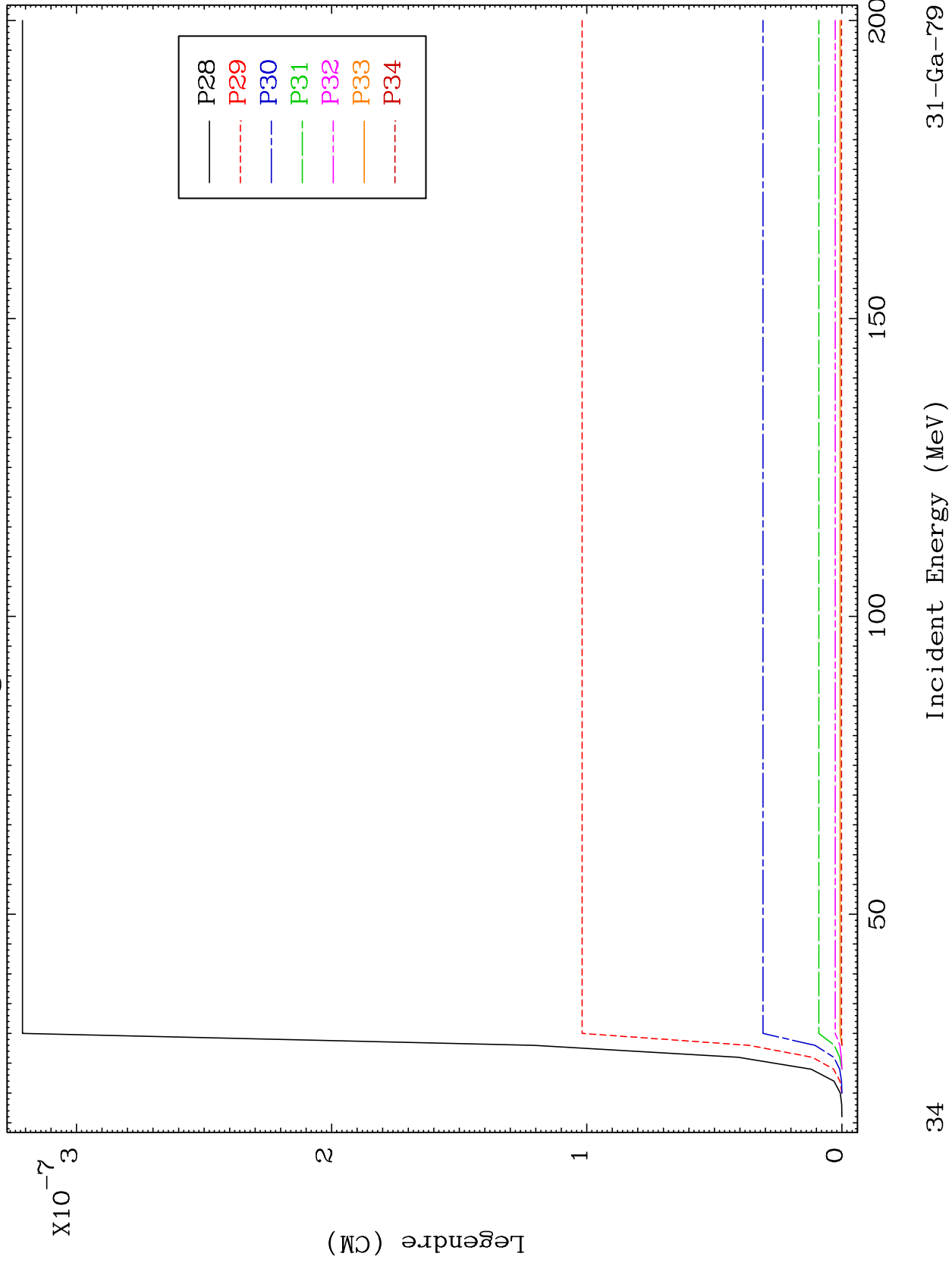
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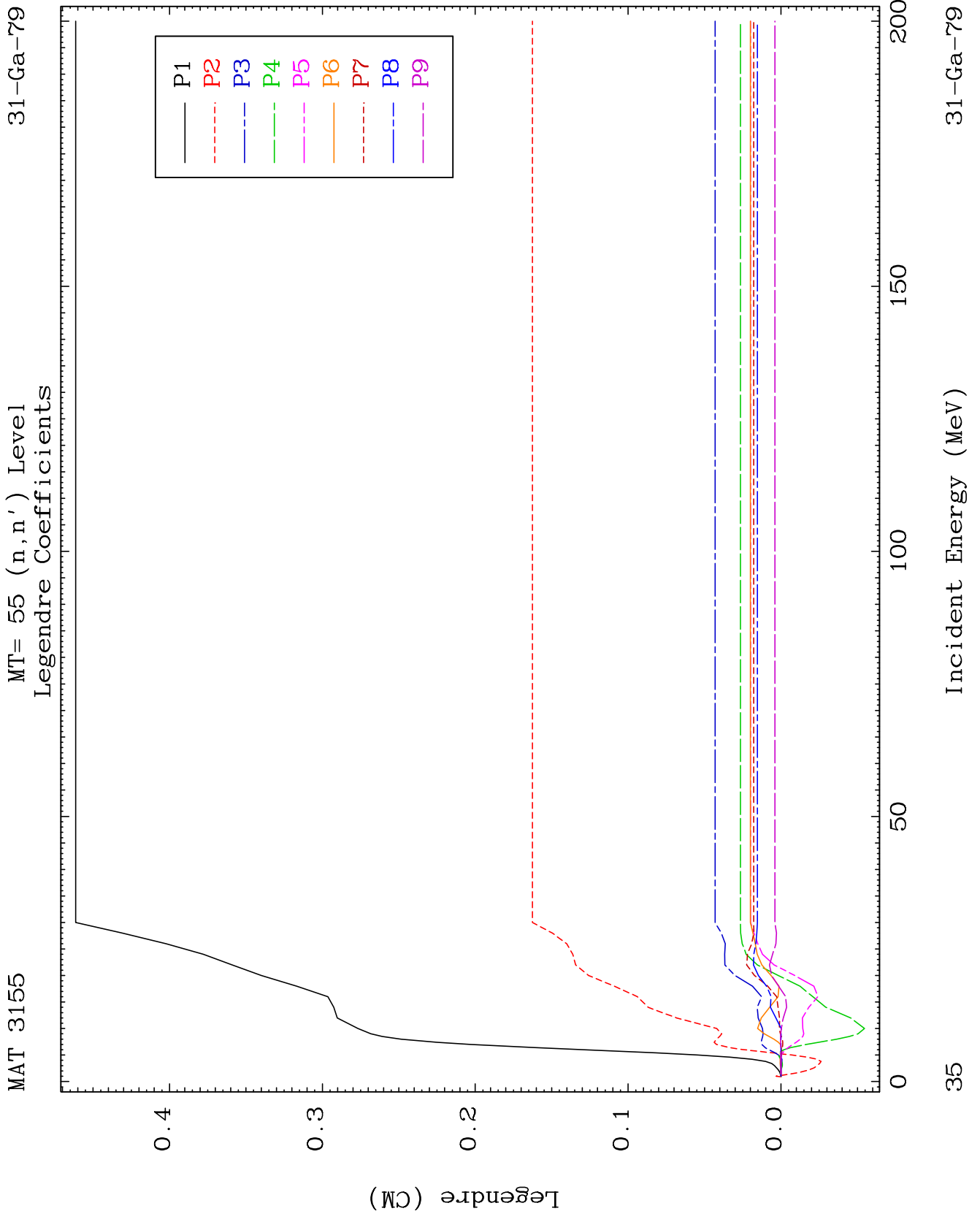
<sup>31</sup>Ga-79

MAT 3155

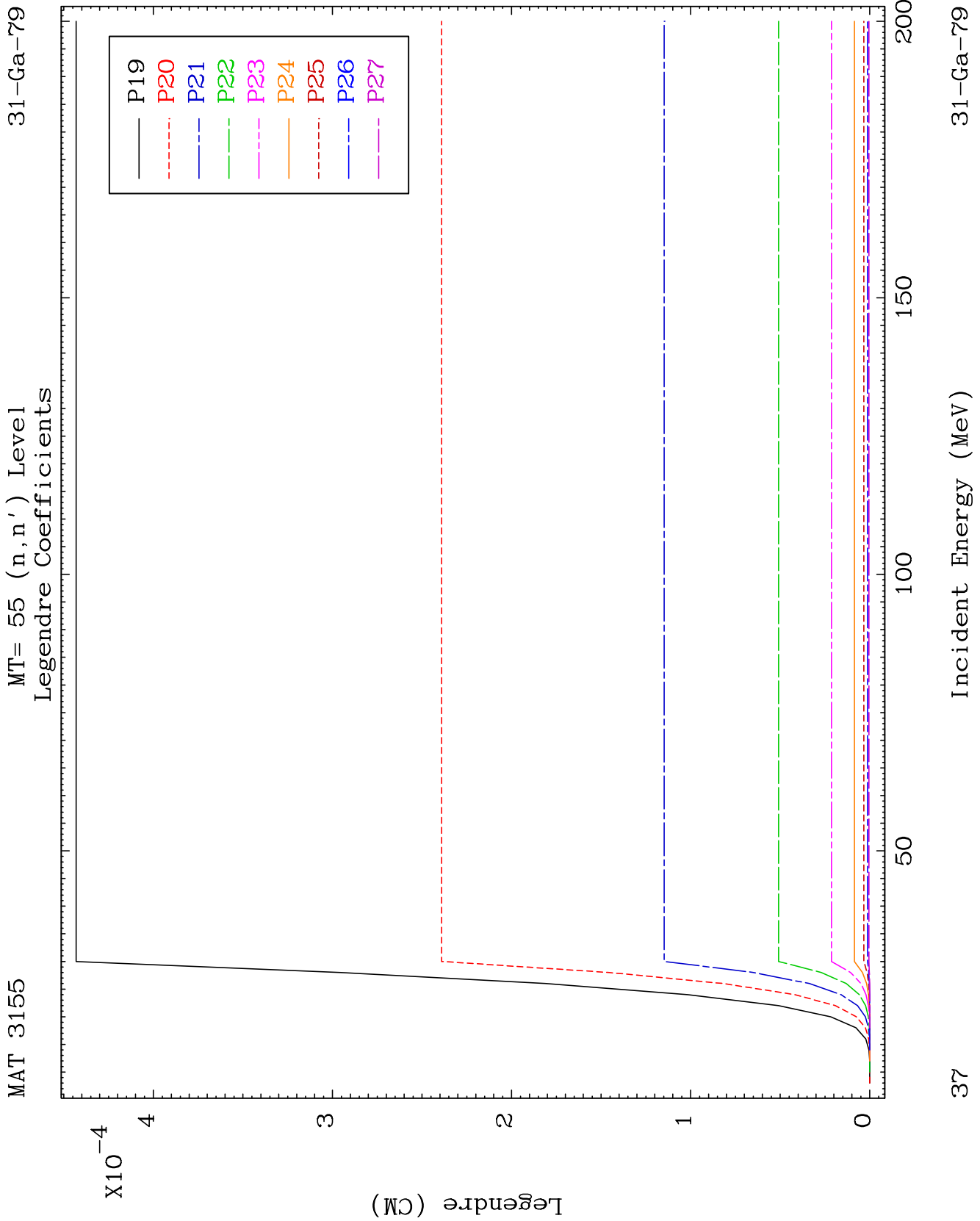
MT= 54 (n,n') Level  
Legendre Coefficients

31-Ga-79





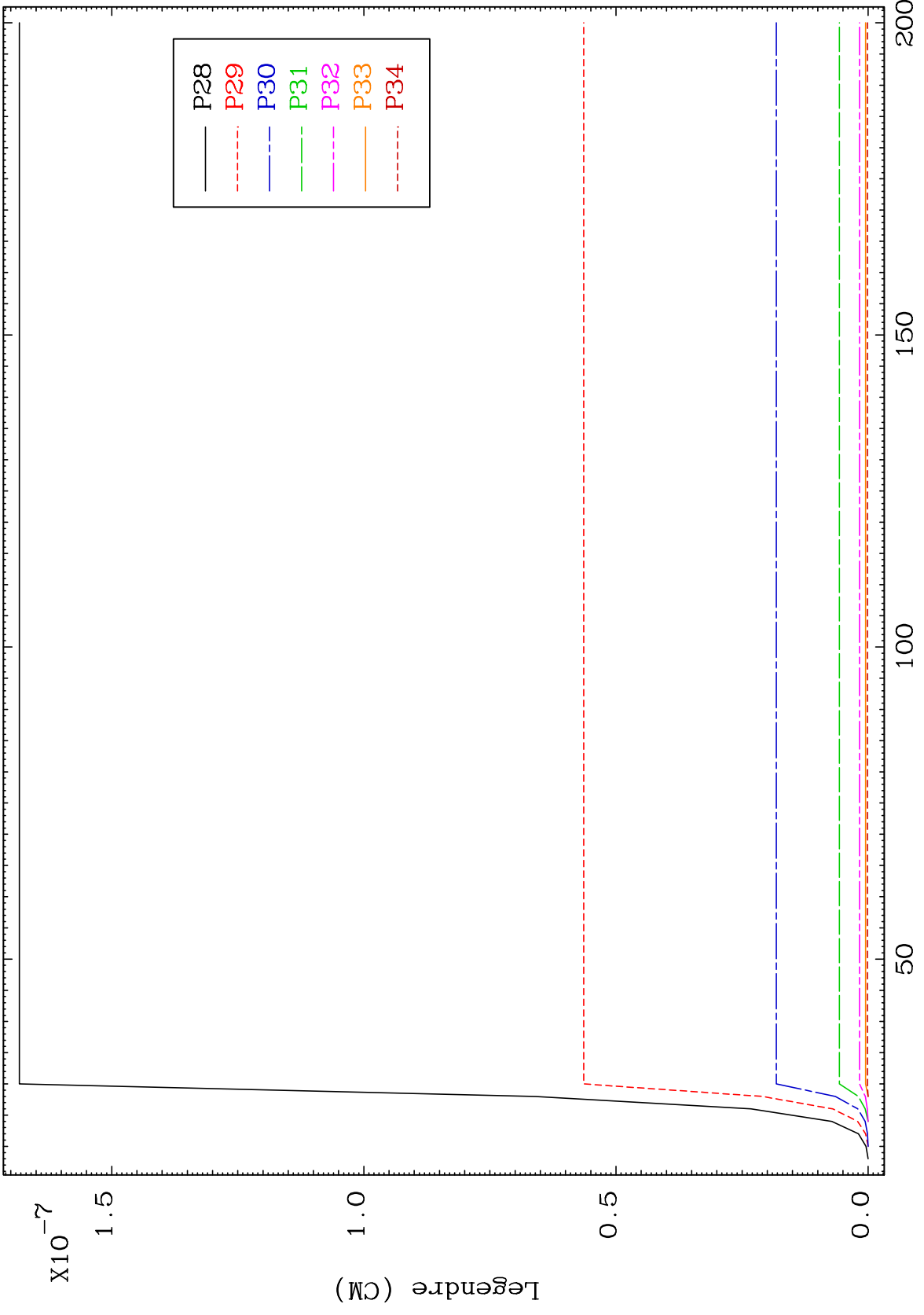




MAT 3155

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

31-Ga-79



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Incident Energy (MeV)

31-Ga-79



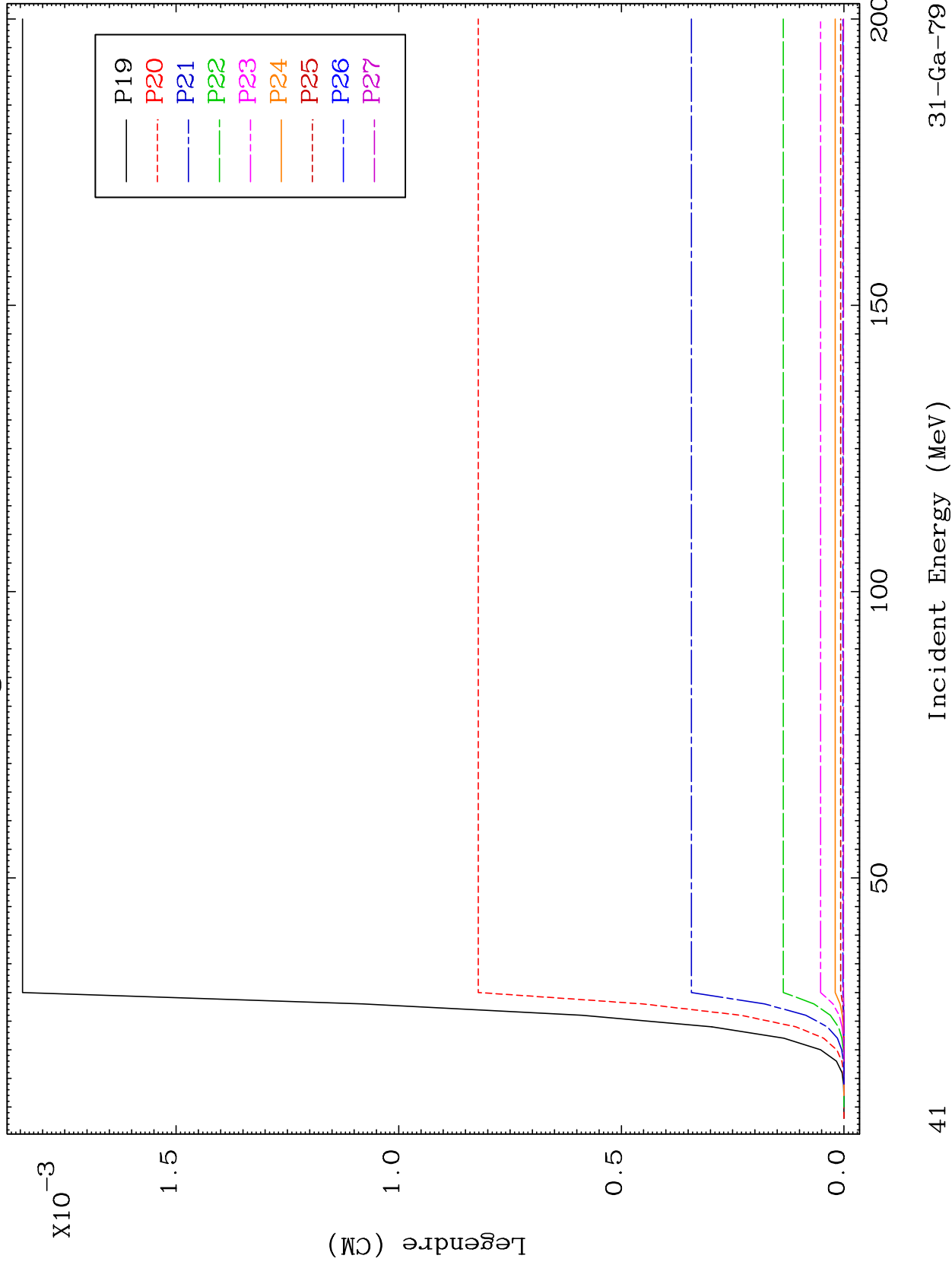




MAT 3155

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

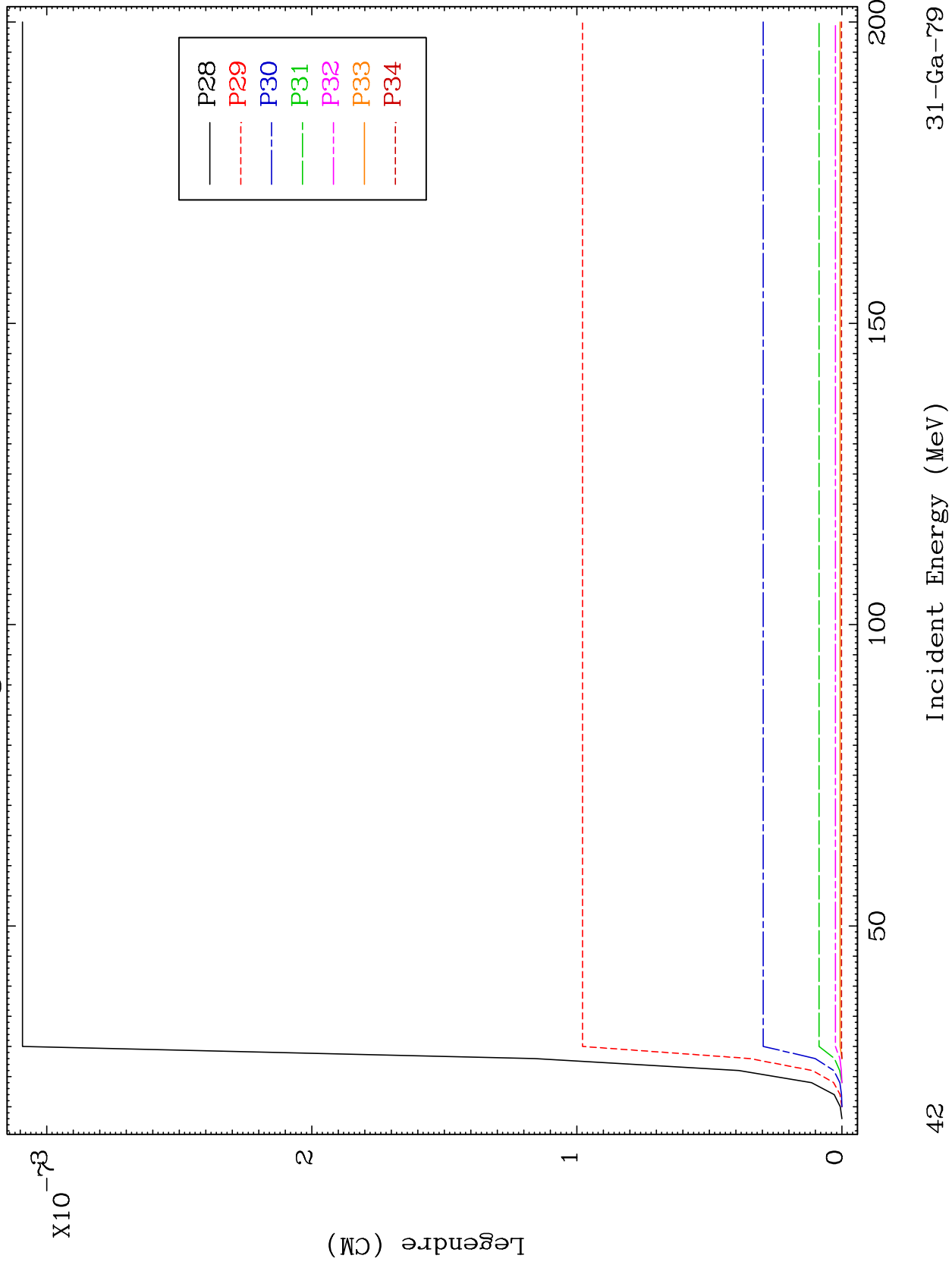
31-Ga-79



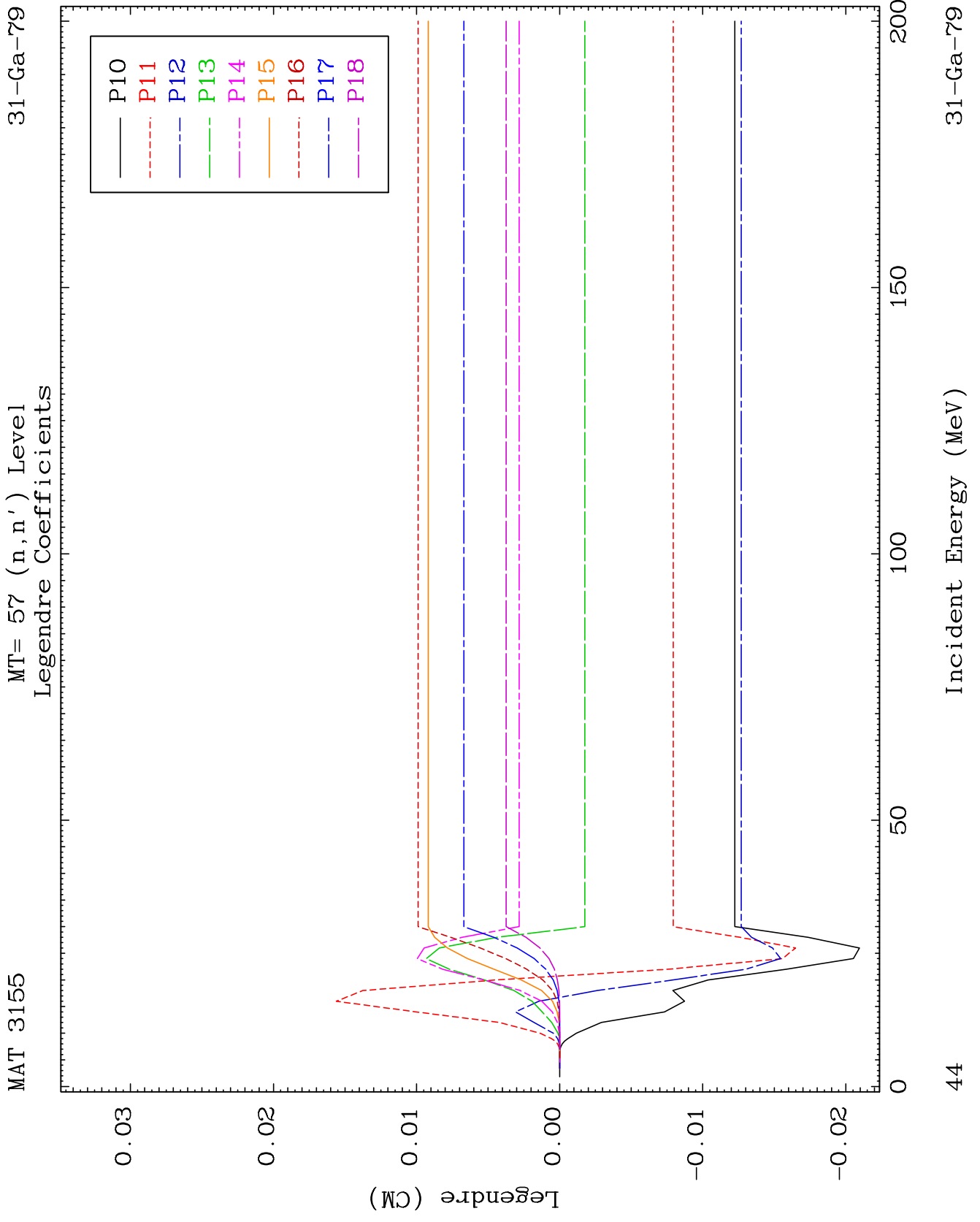
MAT 3155

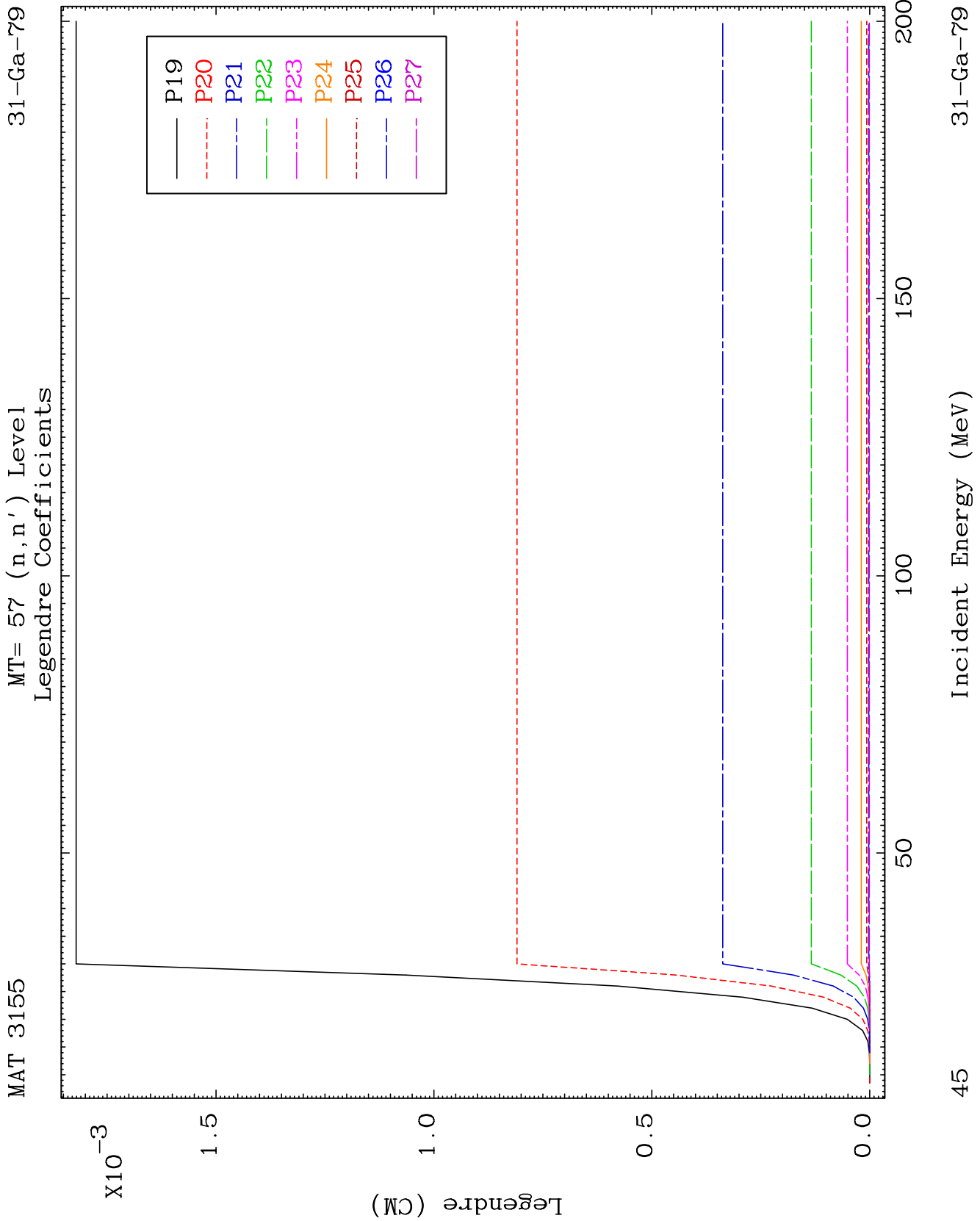
MT= 56 (n,n') Level  
Legendre Coefficients

31-Ga-79





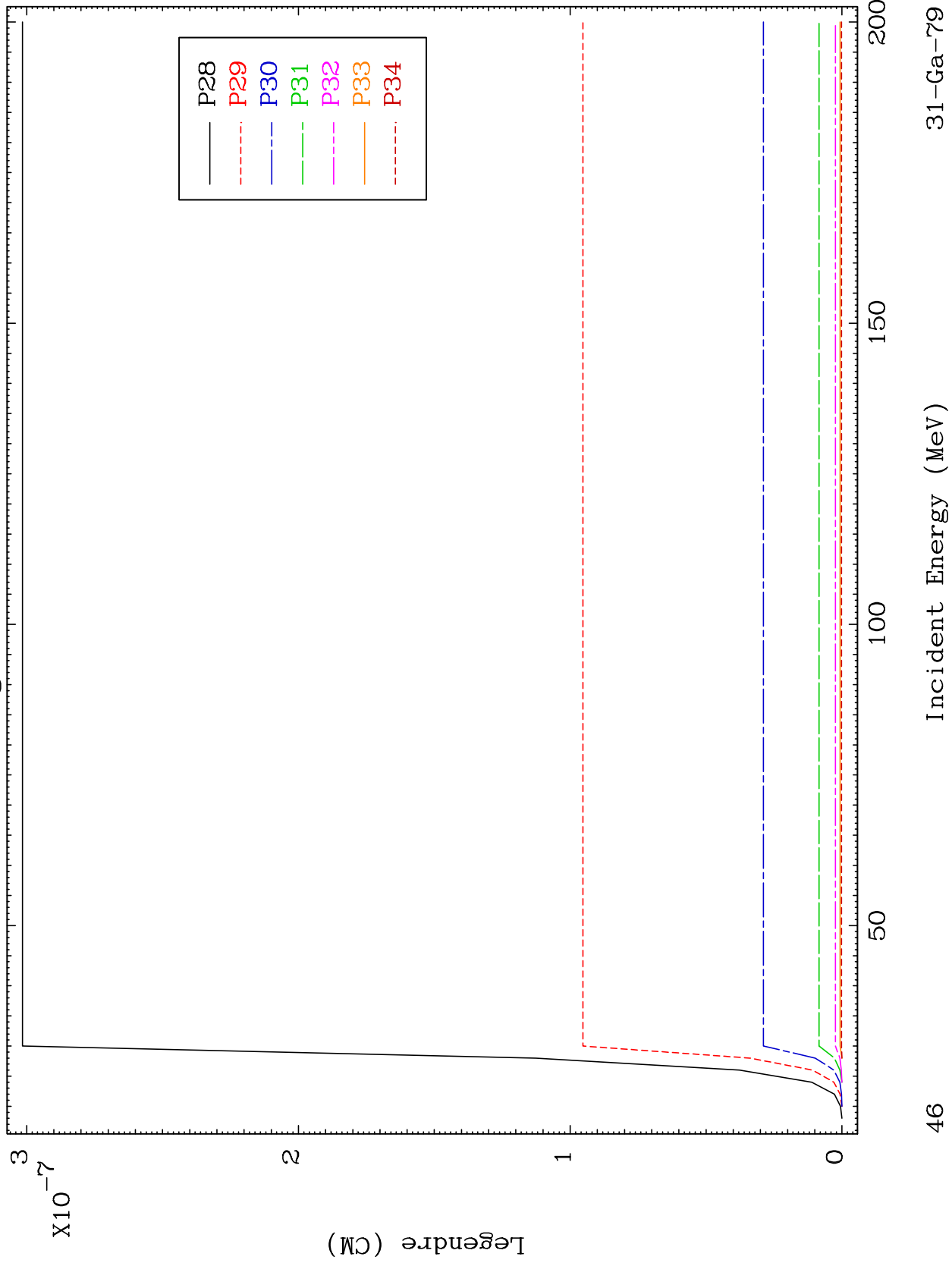




MAT 3155

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

31-Ga-79



46

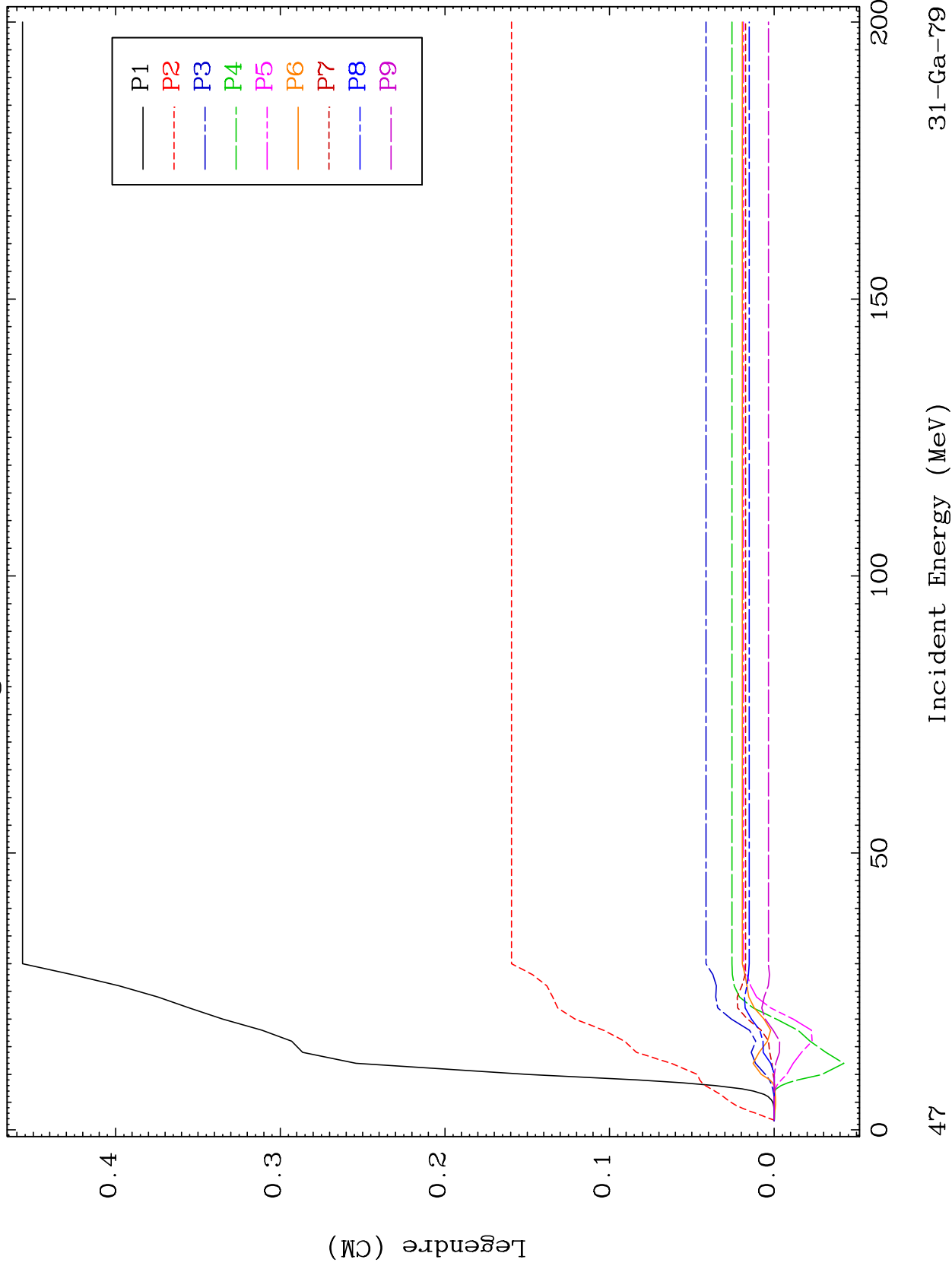
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



31-Ga-79

Incident Energy (MeV)

47

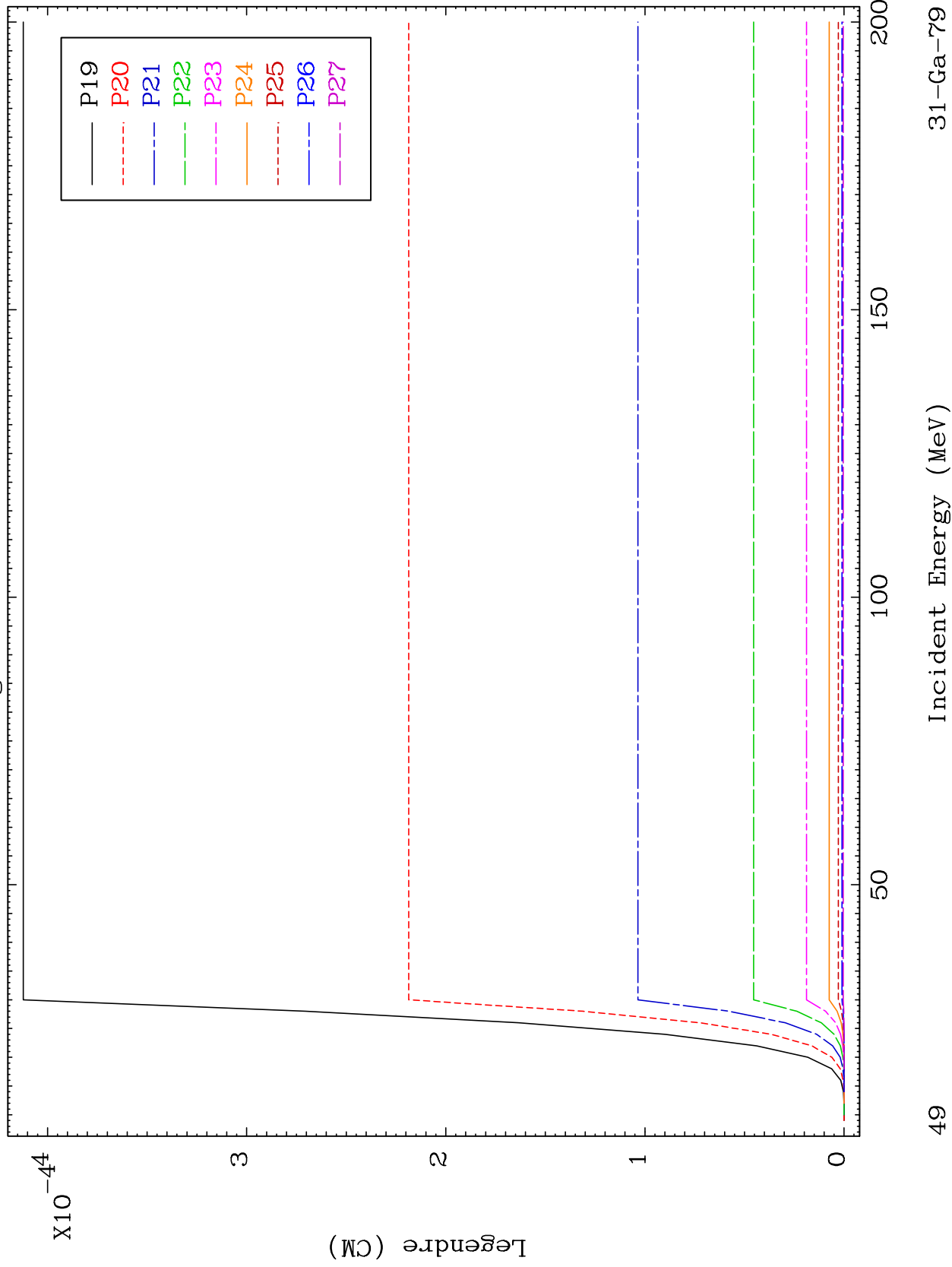




MAT 3155

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

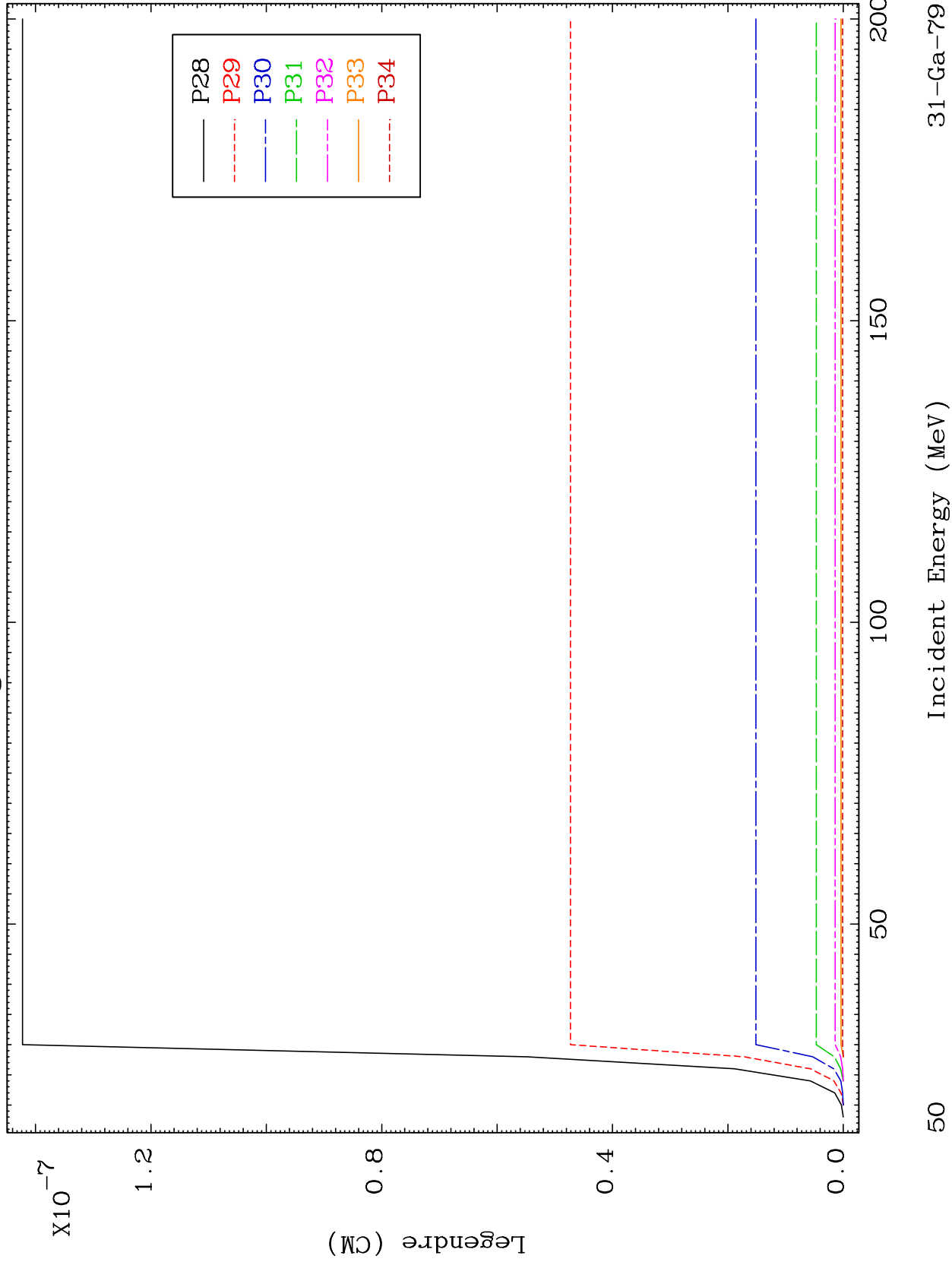
31-Ga-79

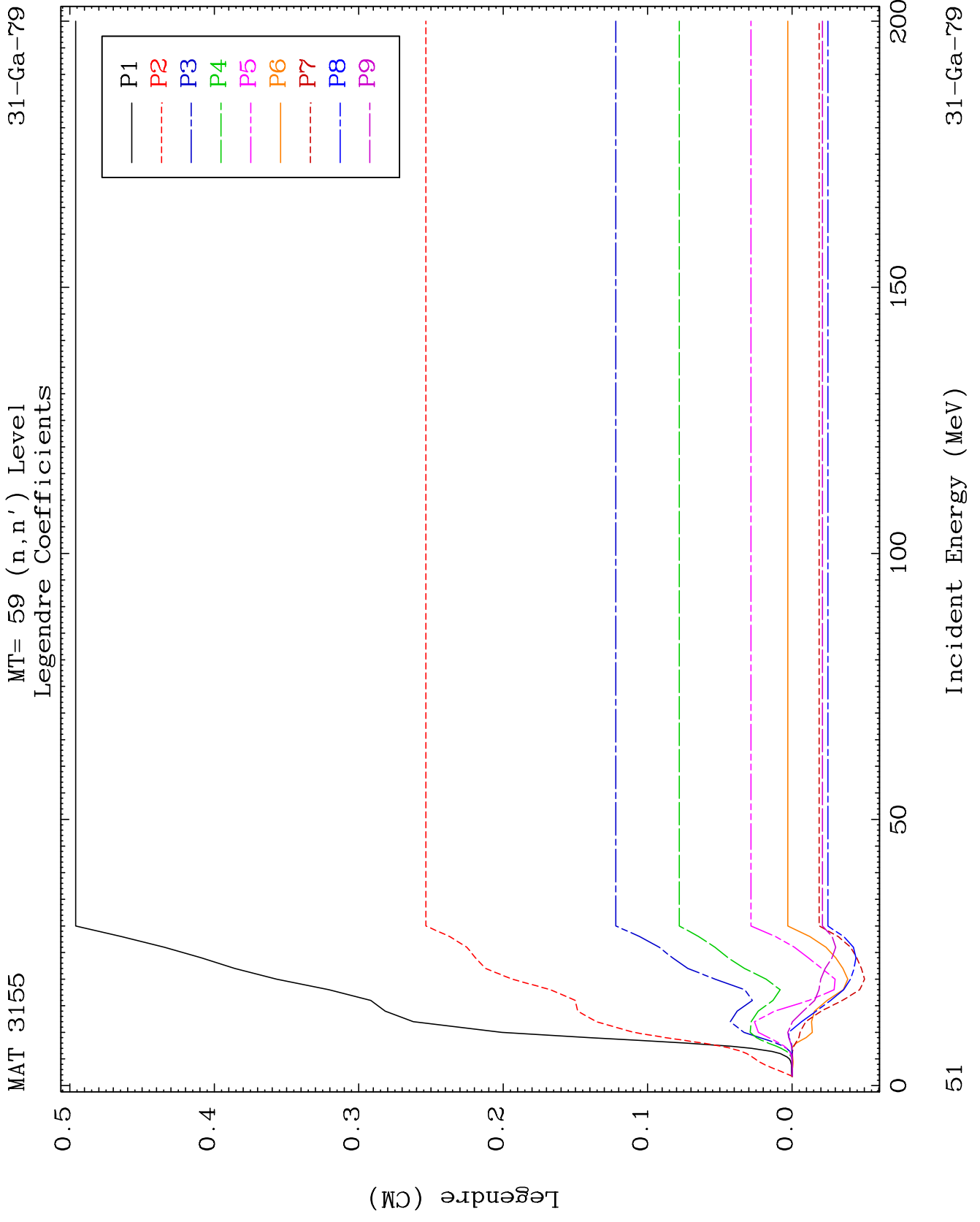


MAT 3155

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

31-Ga-79

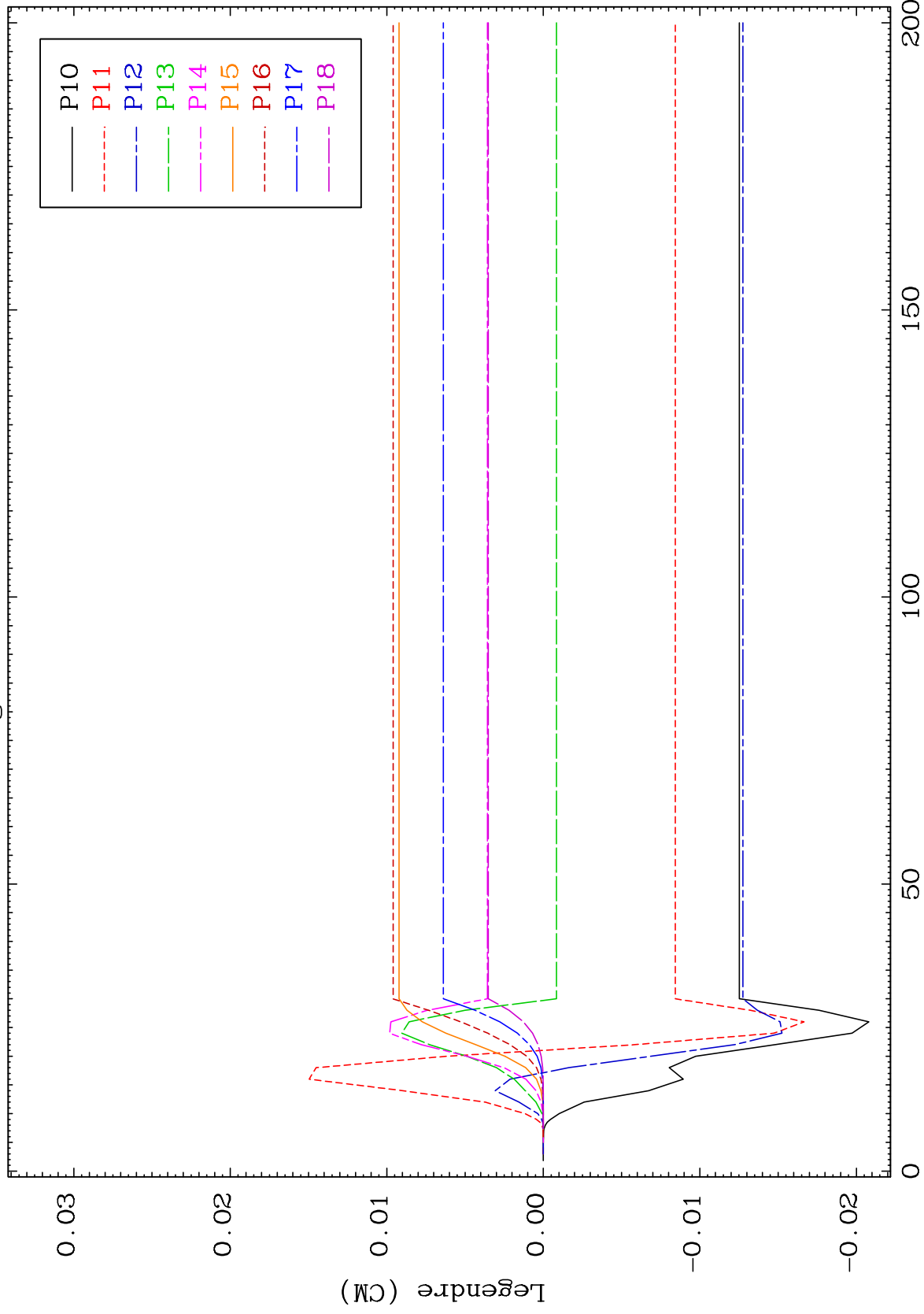




MAT 3155

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

31-Ga-79



52

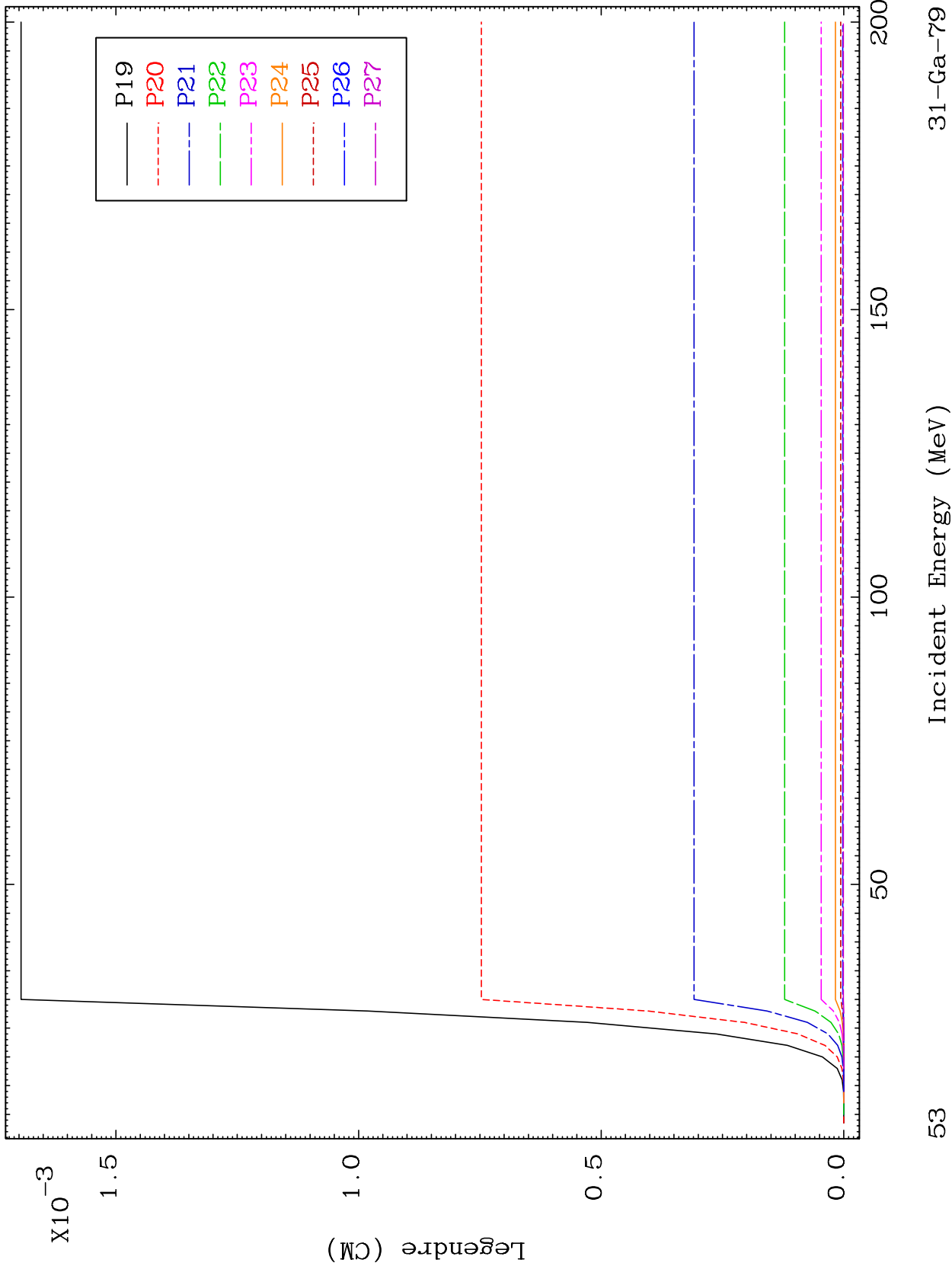
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



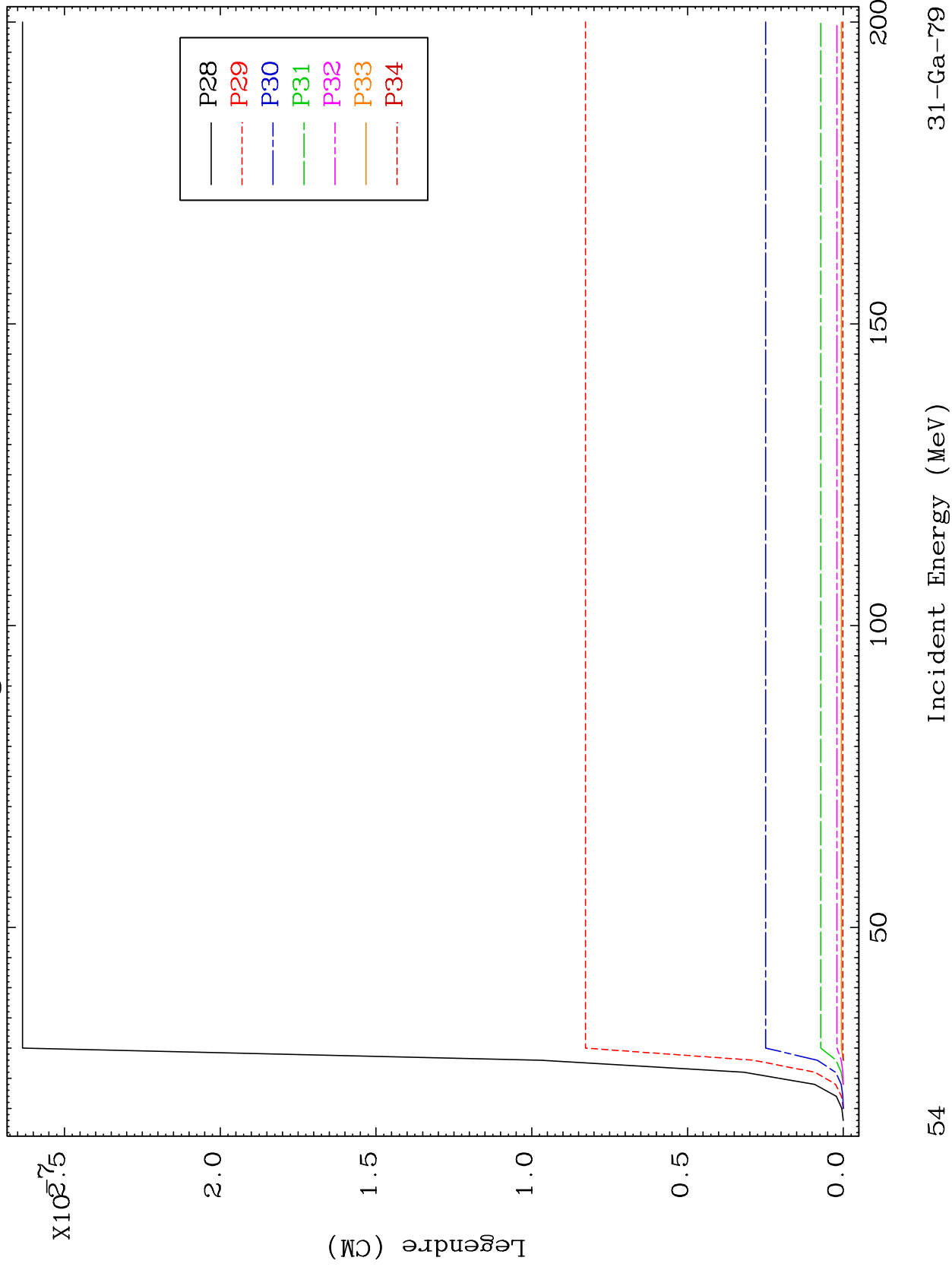
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31-Ga-79

MAT 3155

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

31-Ga-79



54

31-Ga-79

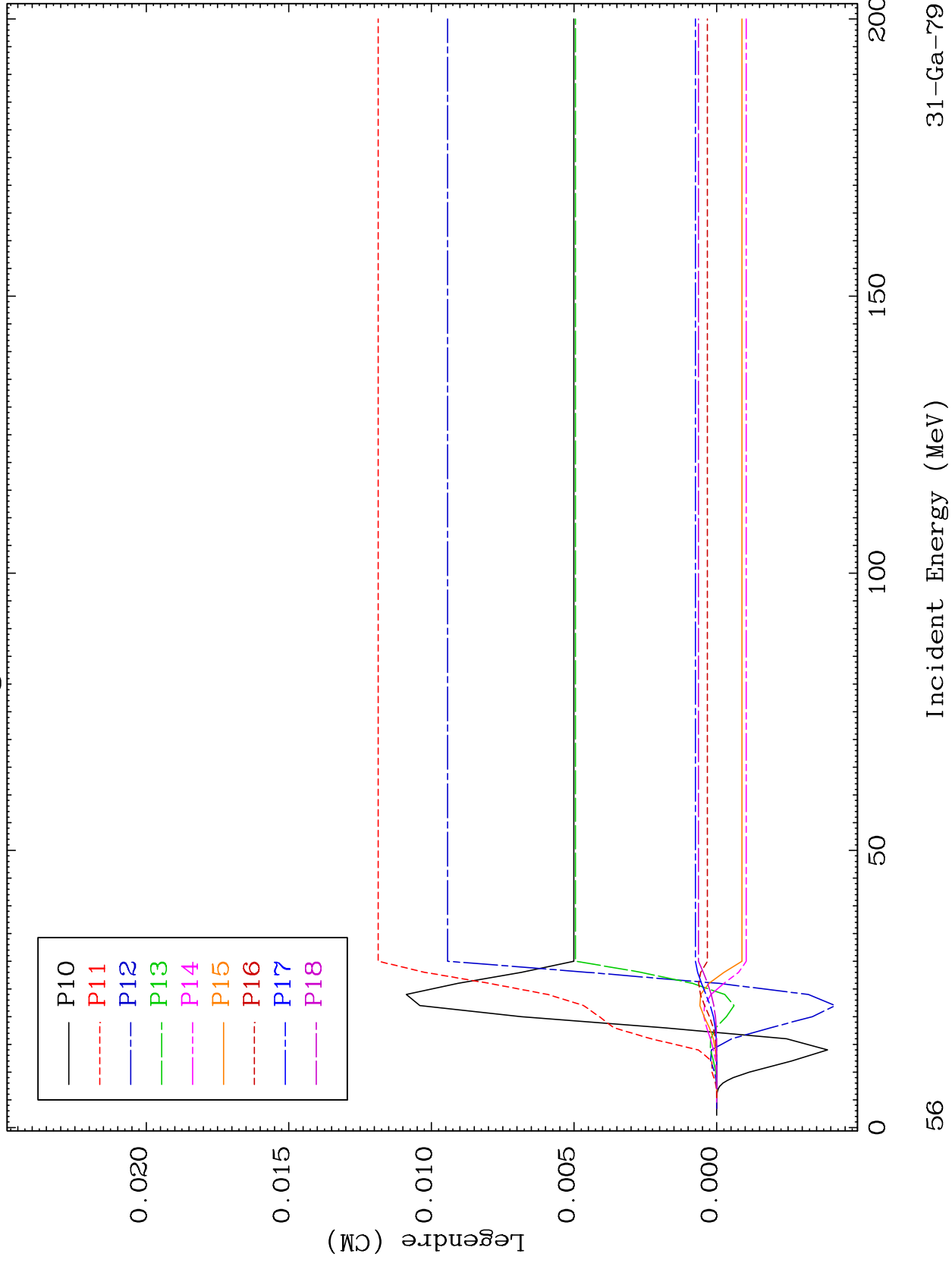




MAT 3155

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

31-Ga-79

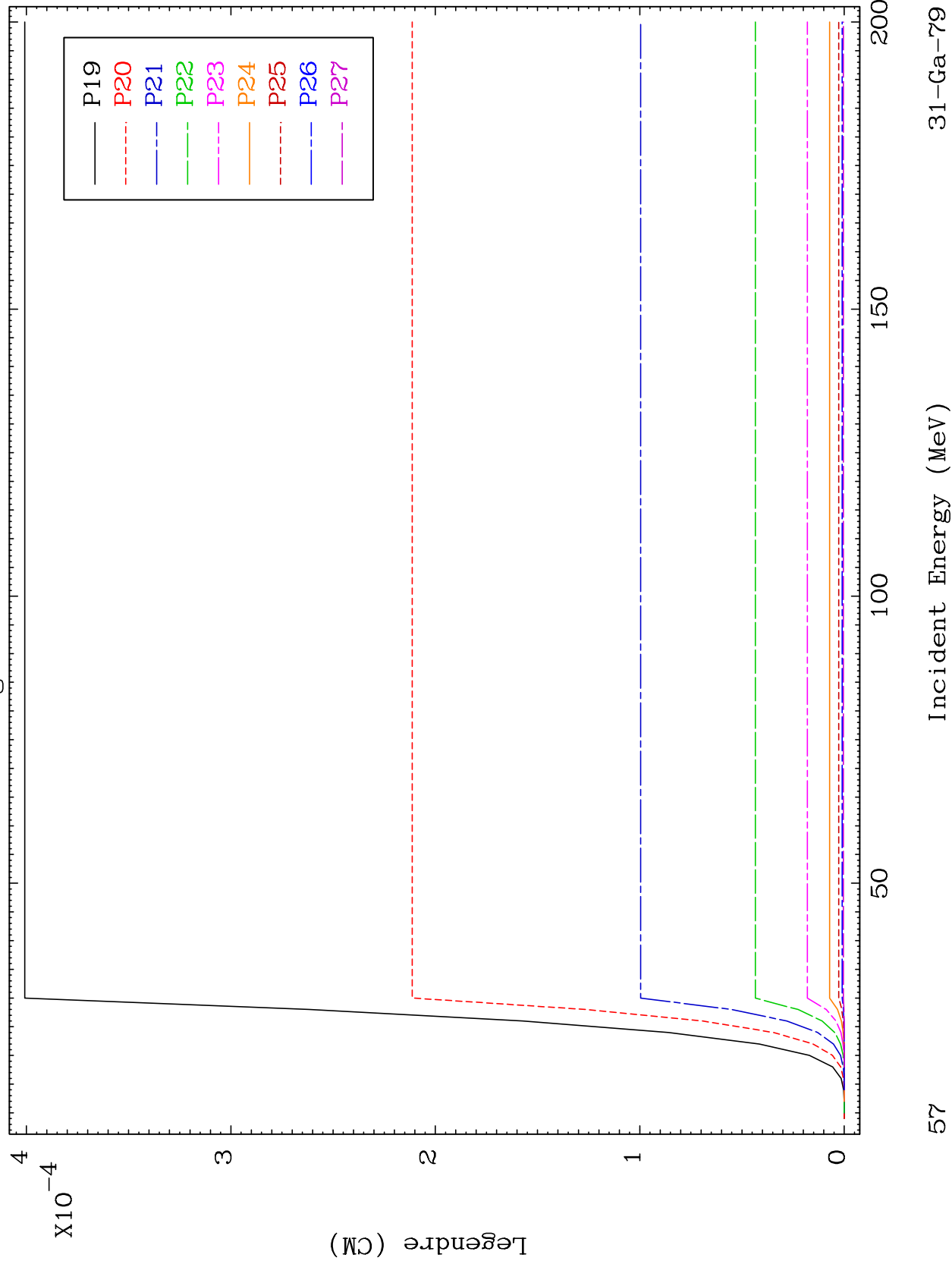


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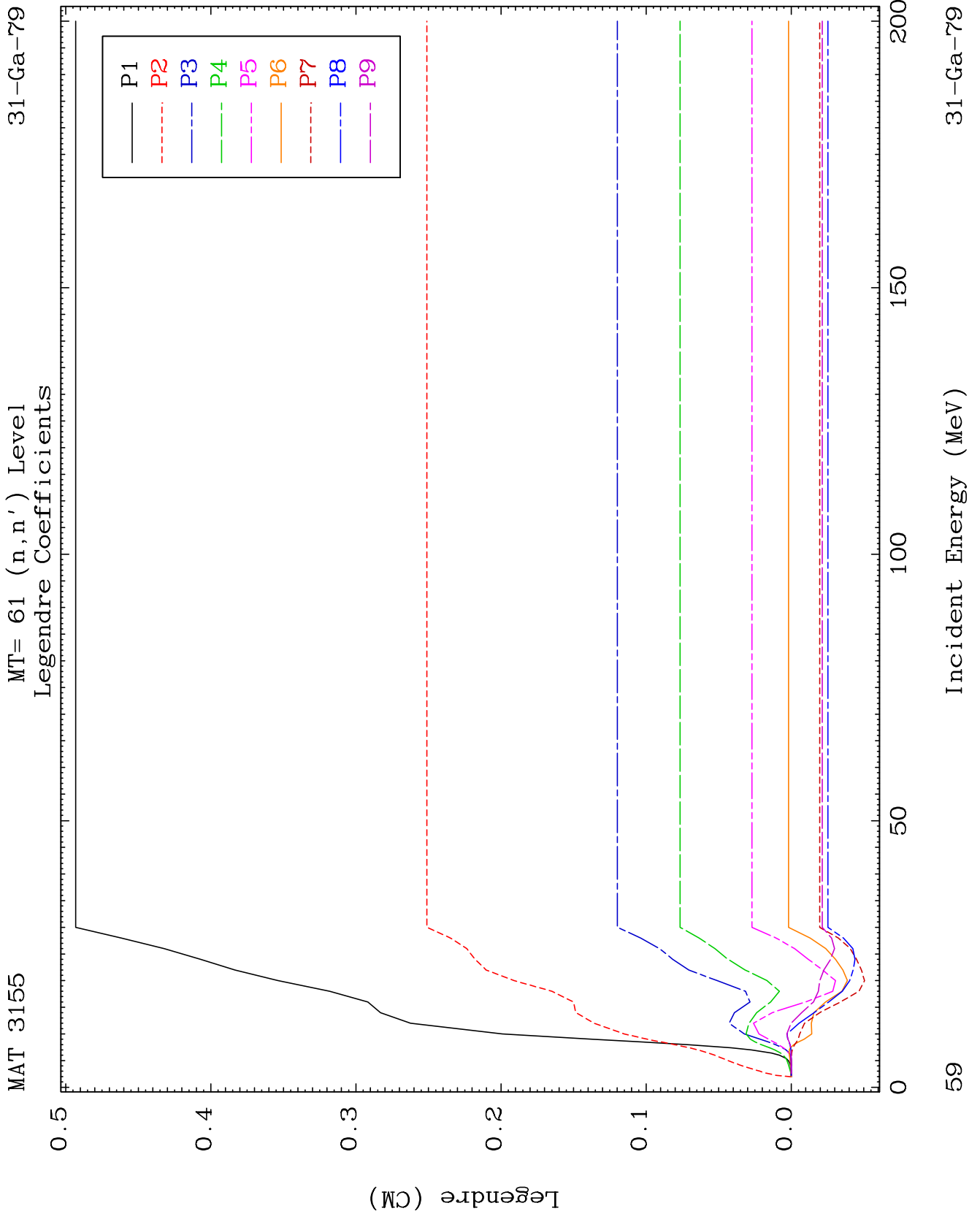
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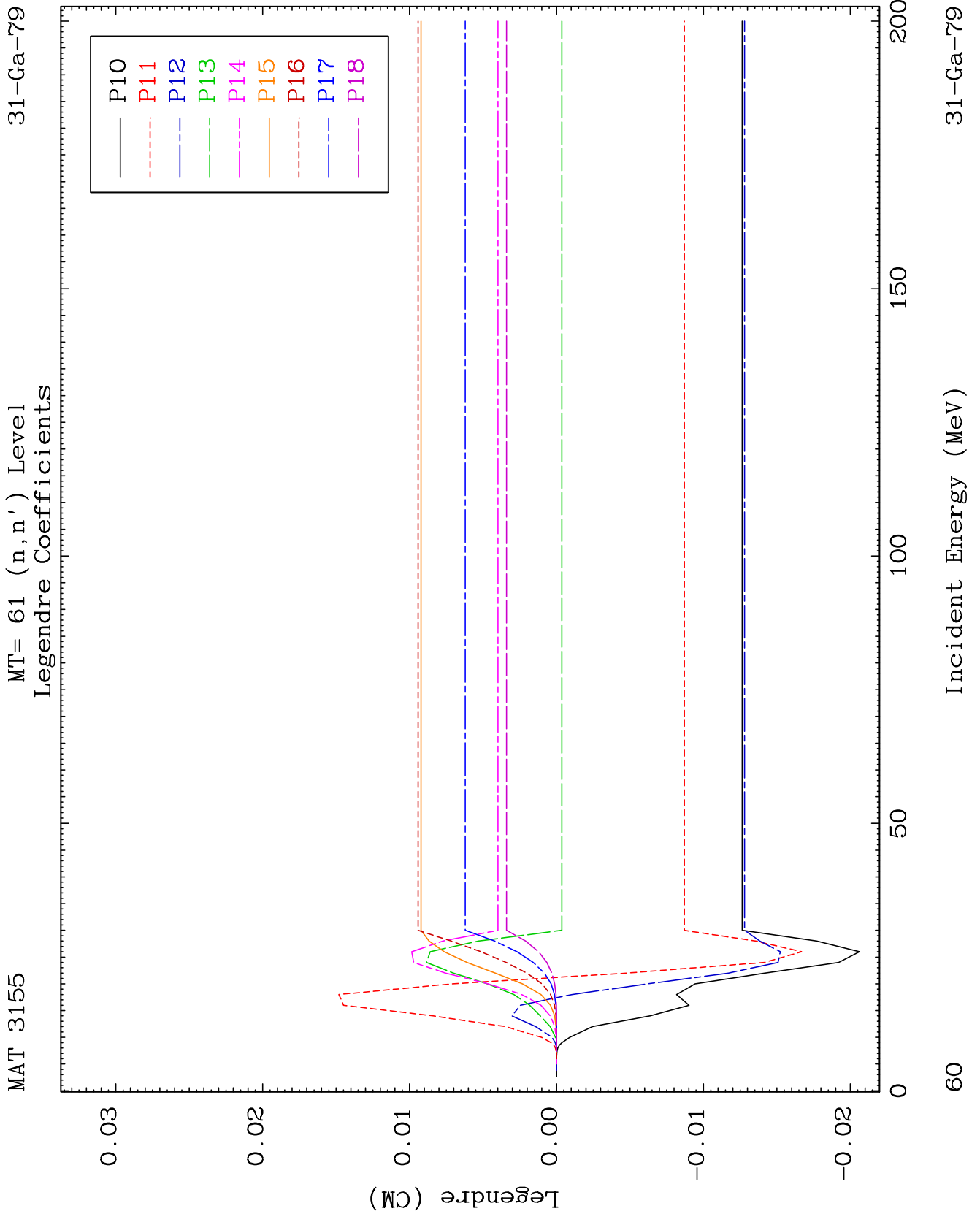
MT= 60 (n,n') Level  
Legendre Coefficients

31-Ga-79





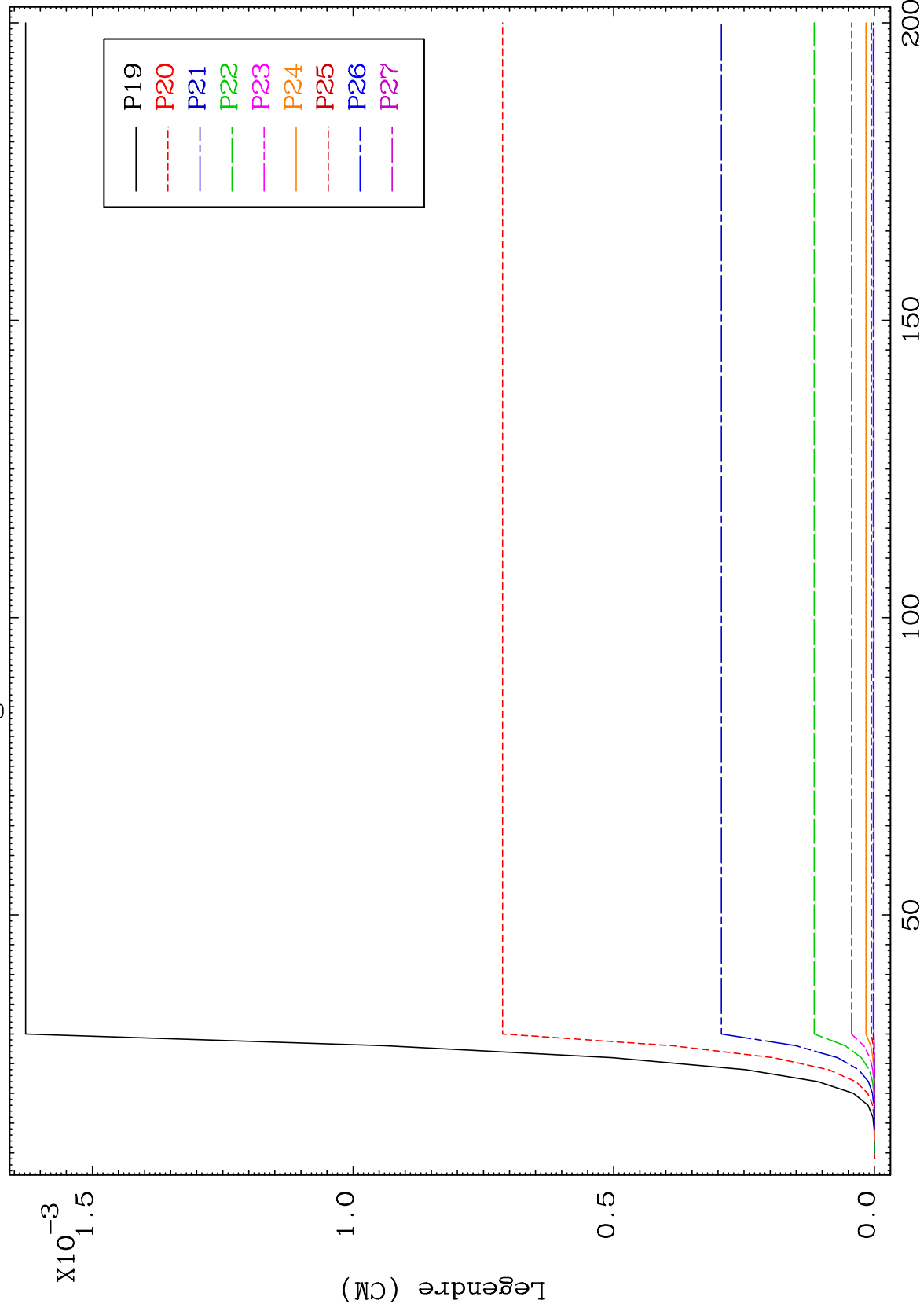




MAT 3155

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

31-Ga-79



61

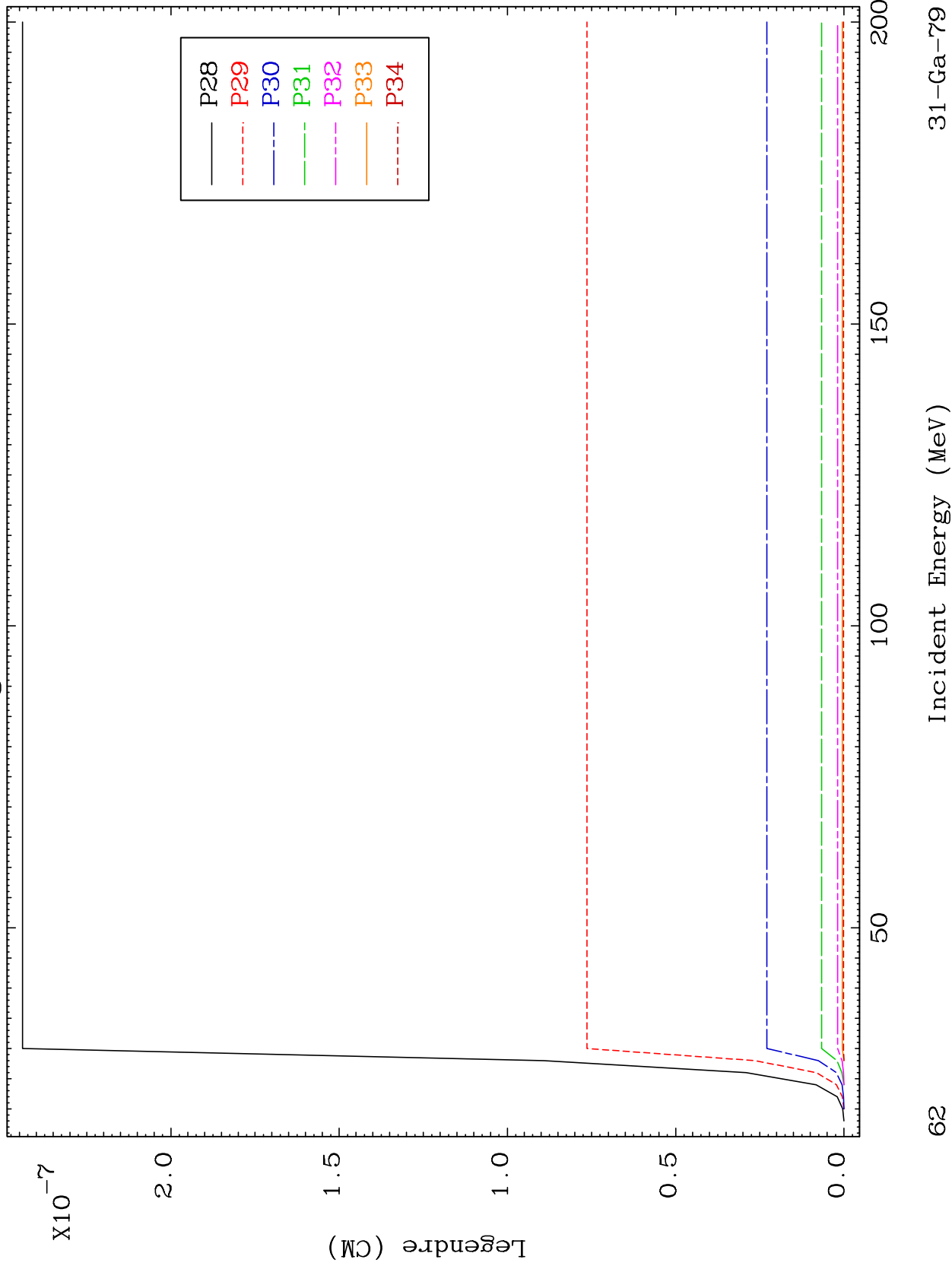
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



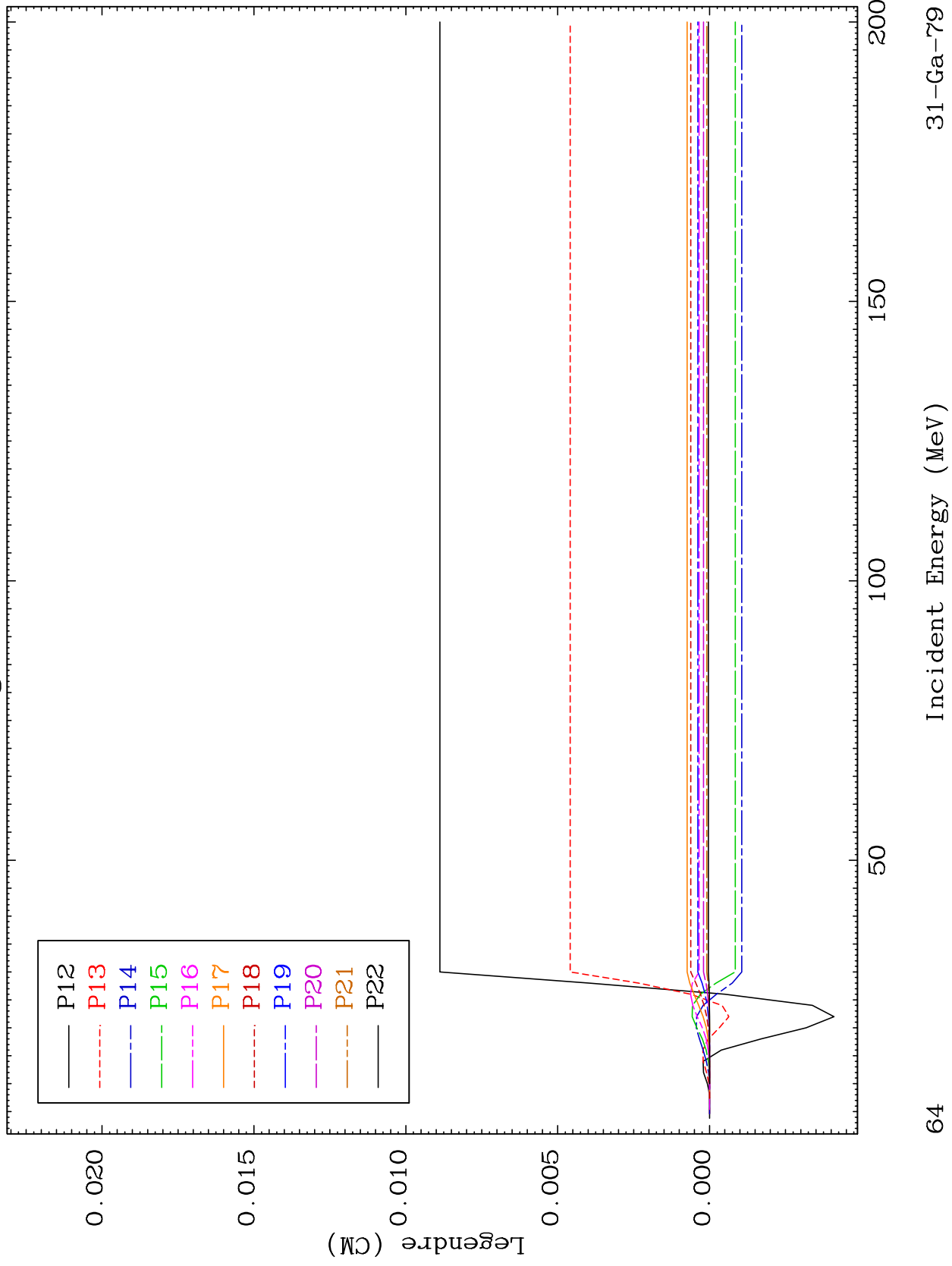




MAT 3155

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

31-Ga-79

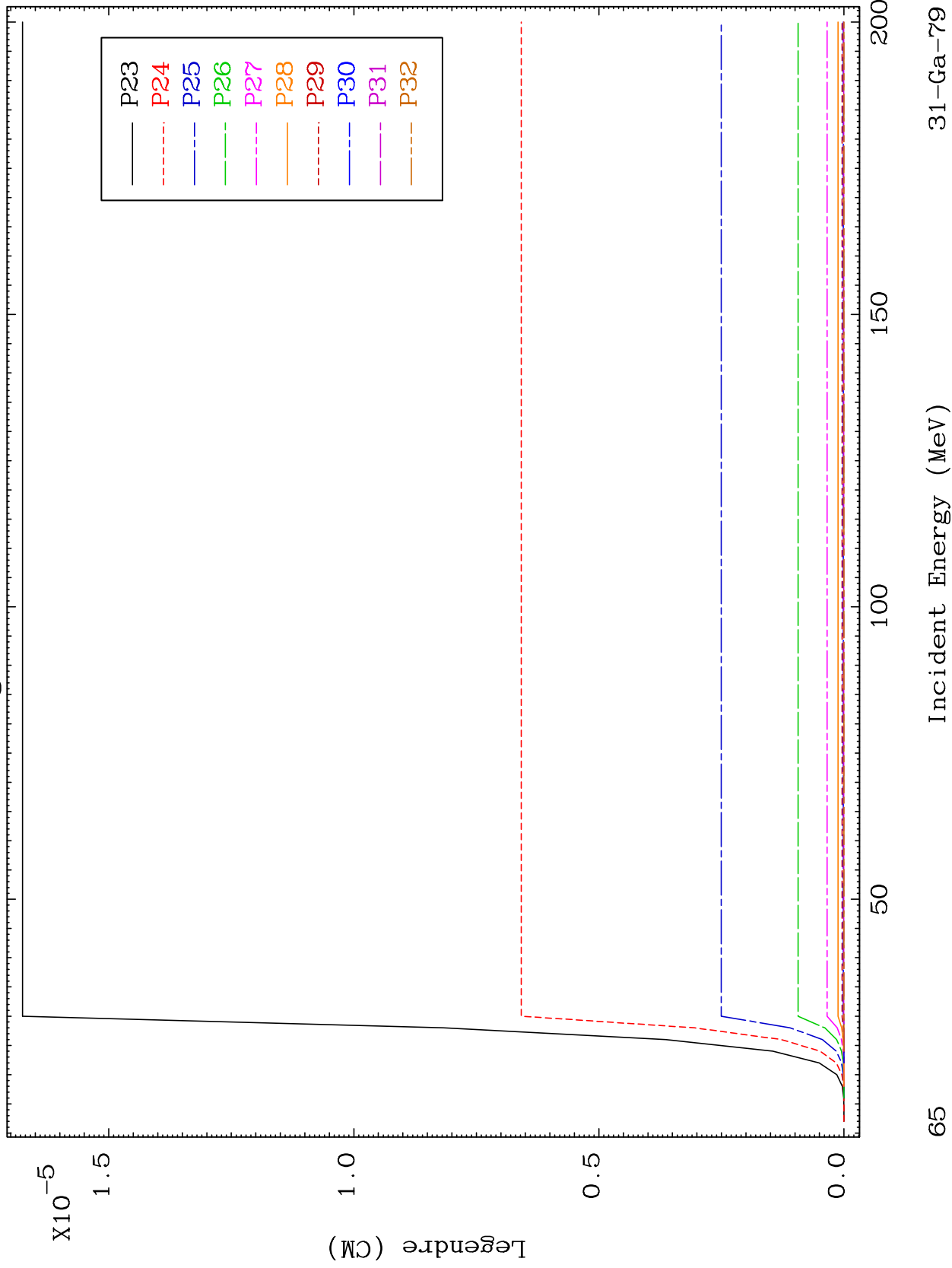


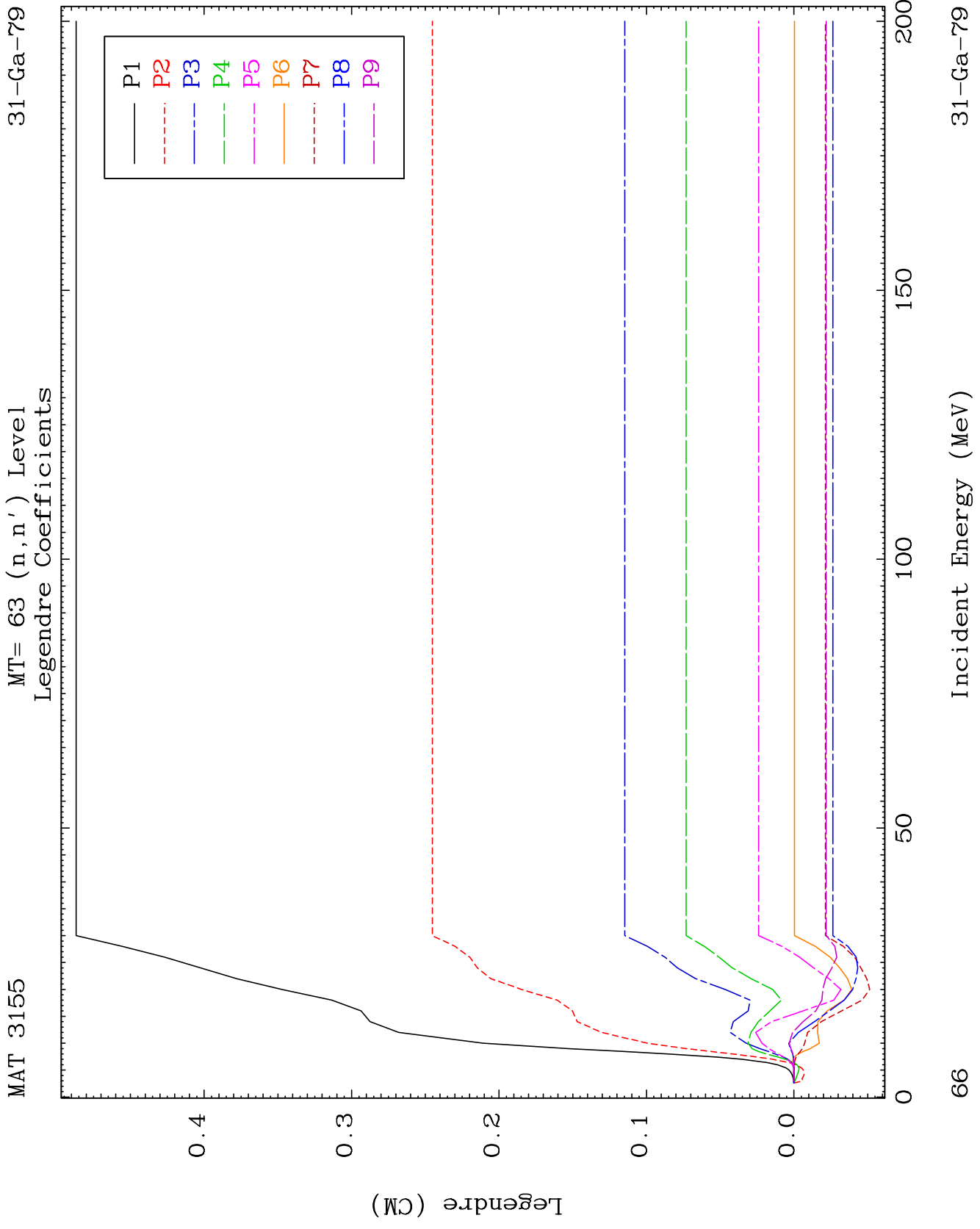
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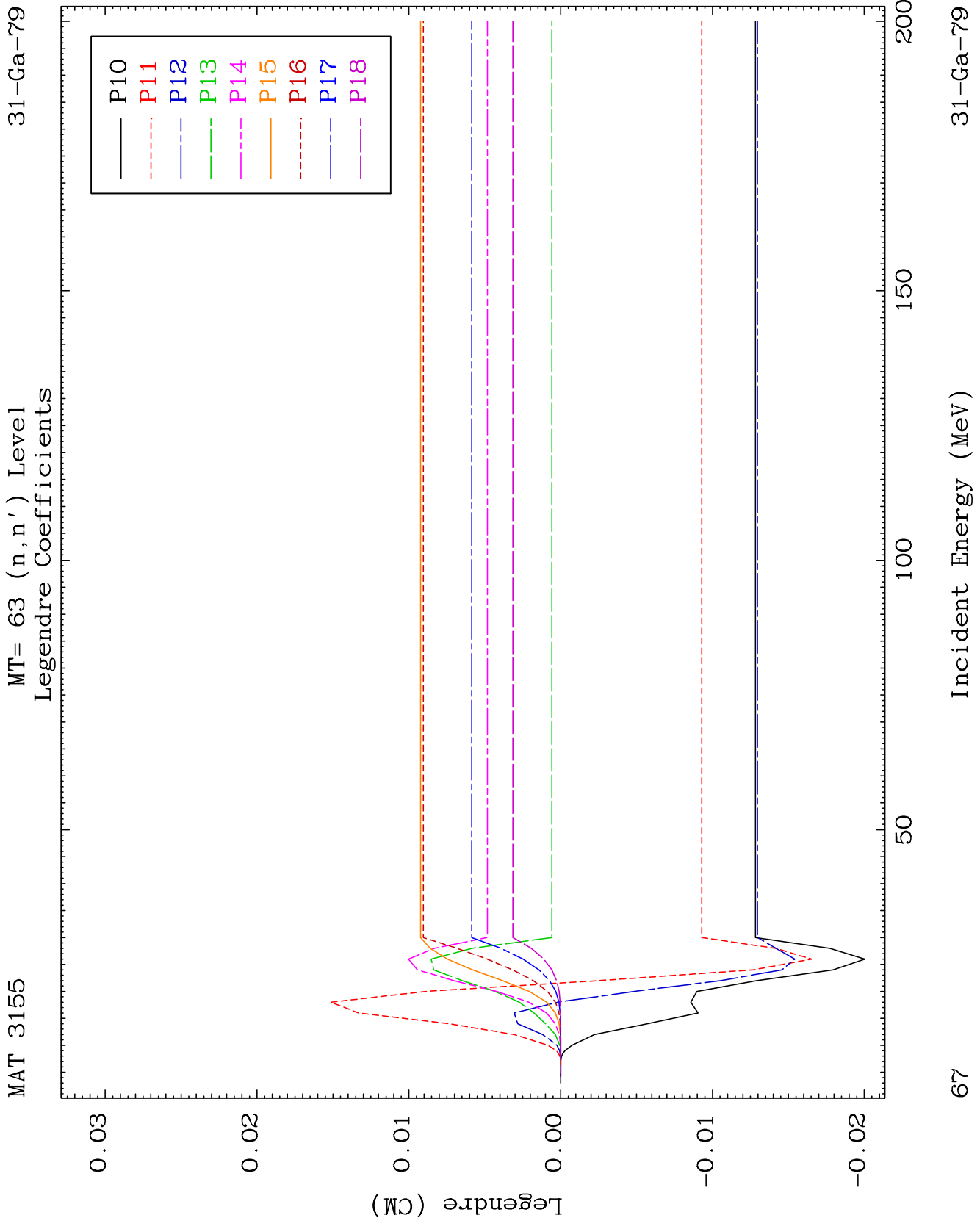
MAT 3155

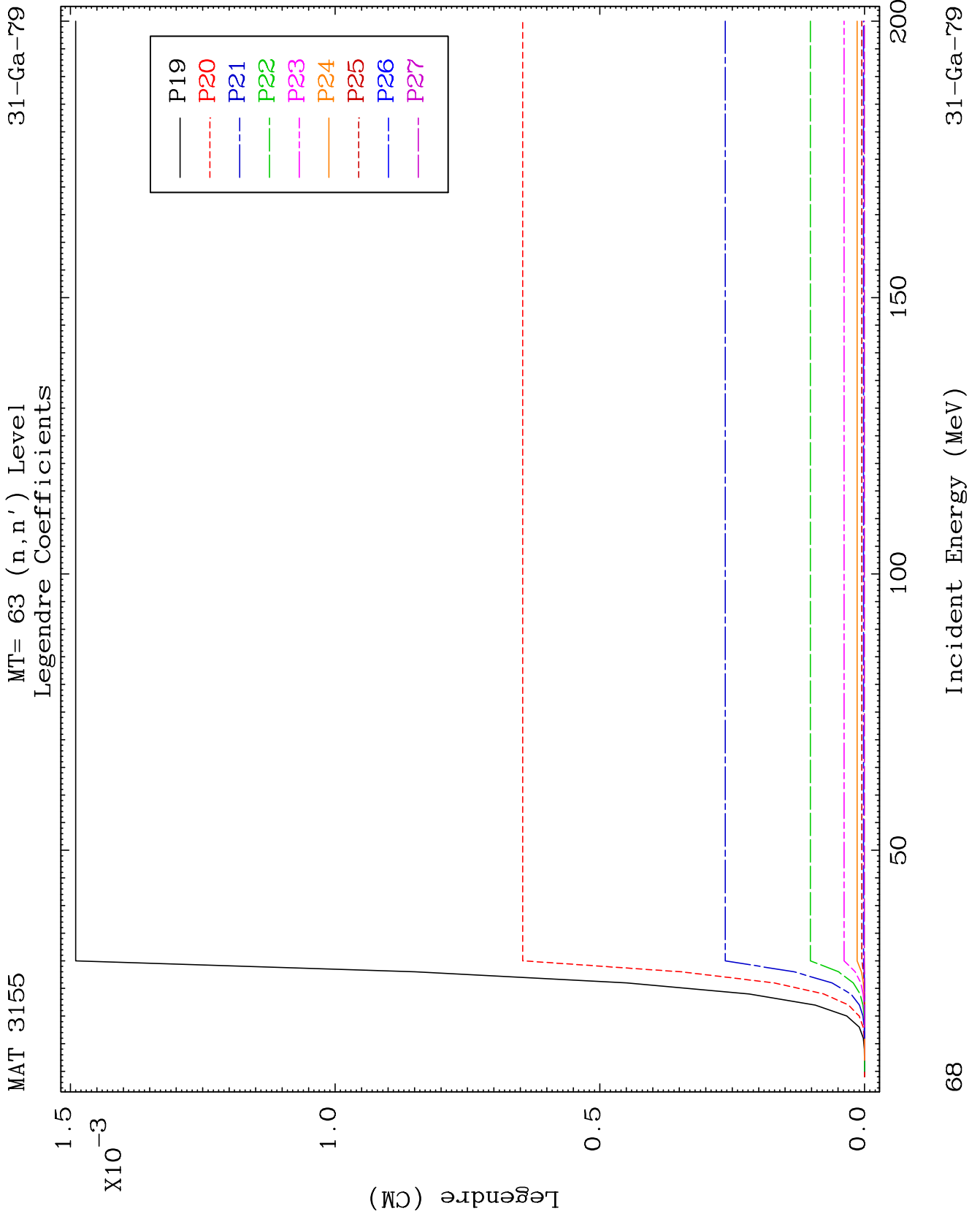
MT= 62 (n,n') Level  
Legendre Coefficients

<sup>31</sup>Ga-79





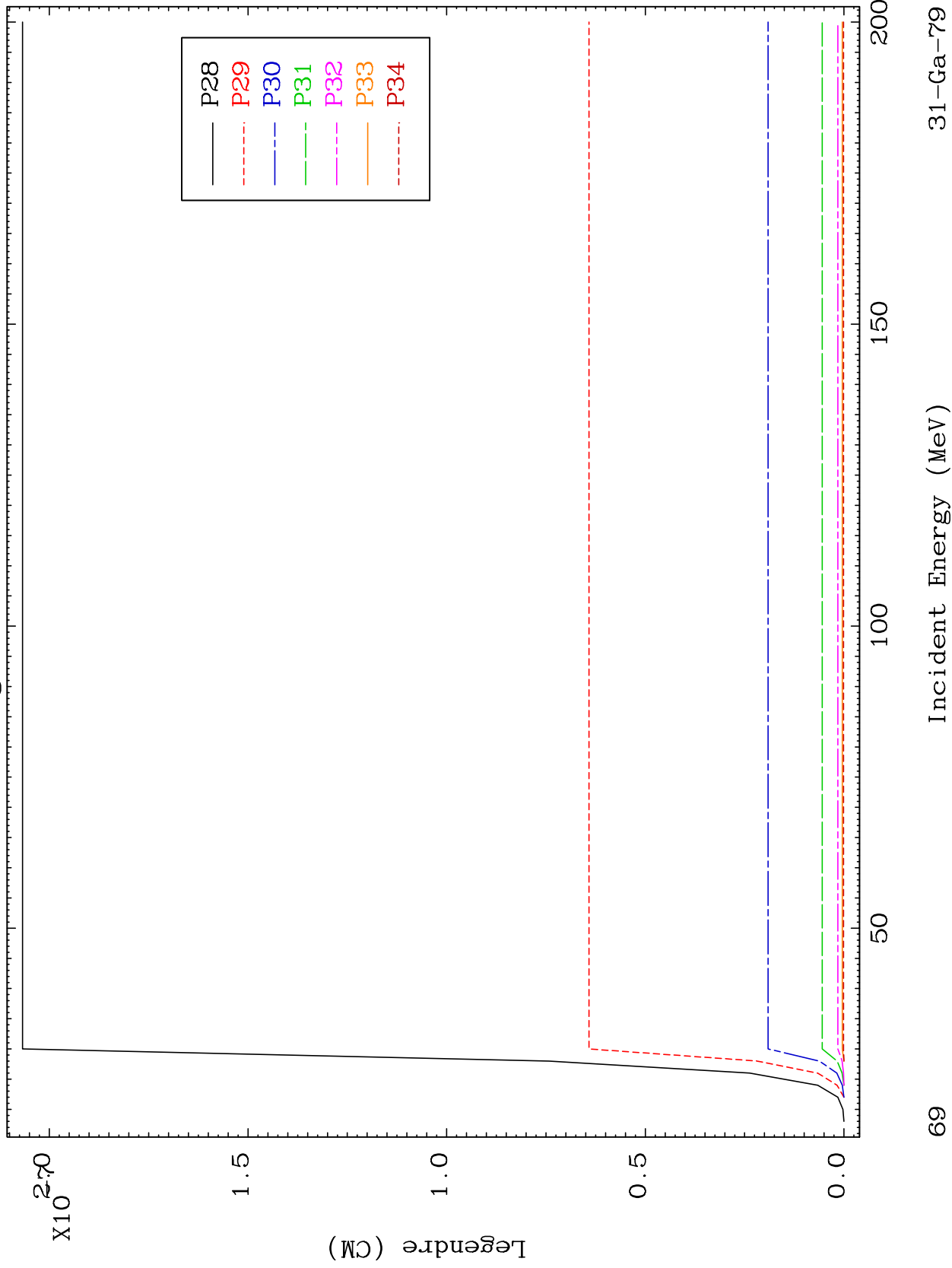




MAT 3155

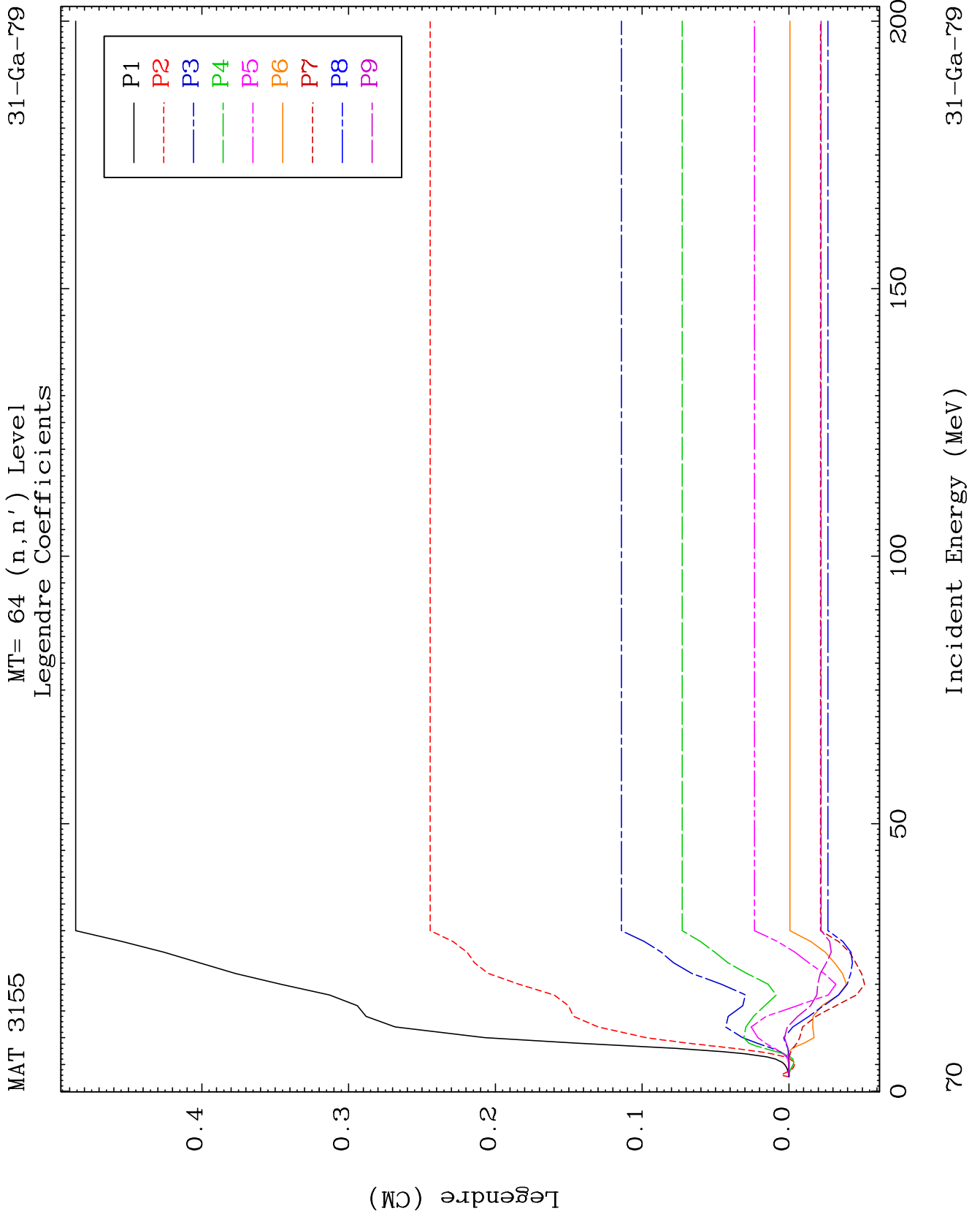
MT= 63 (n,n') Level  
Legendre Coefficients

31-Ga-79



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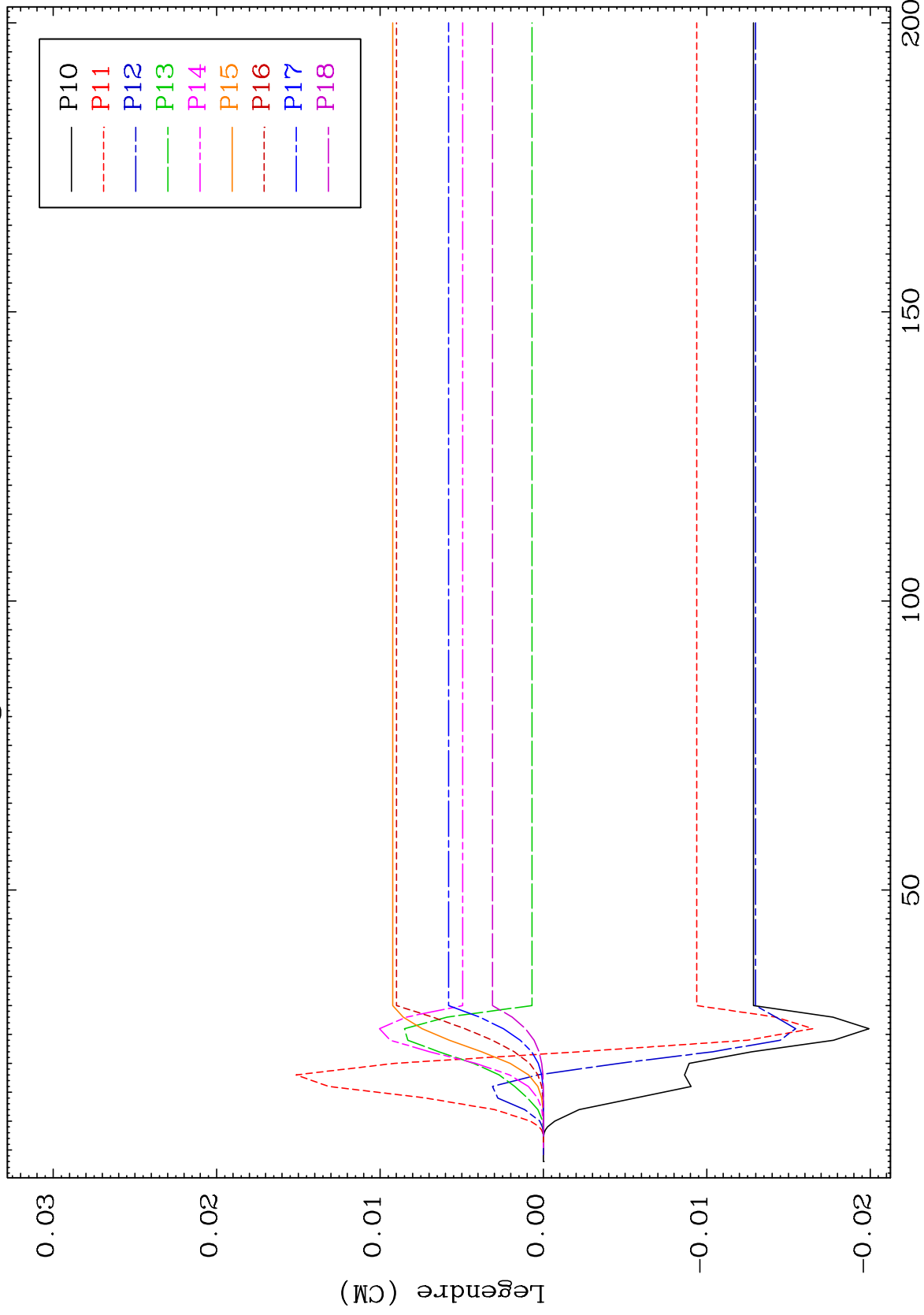
31-Ga-79



MAT 3155

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

<sup>31</sup>Ga-79



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Incident Energy (MeV)

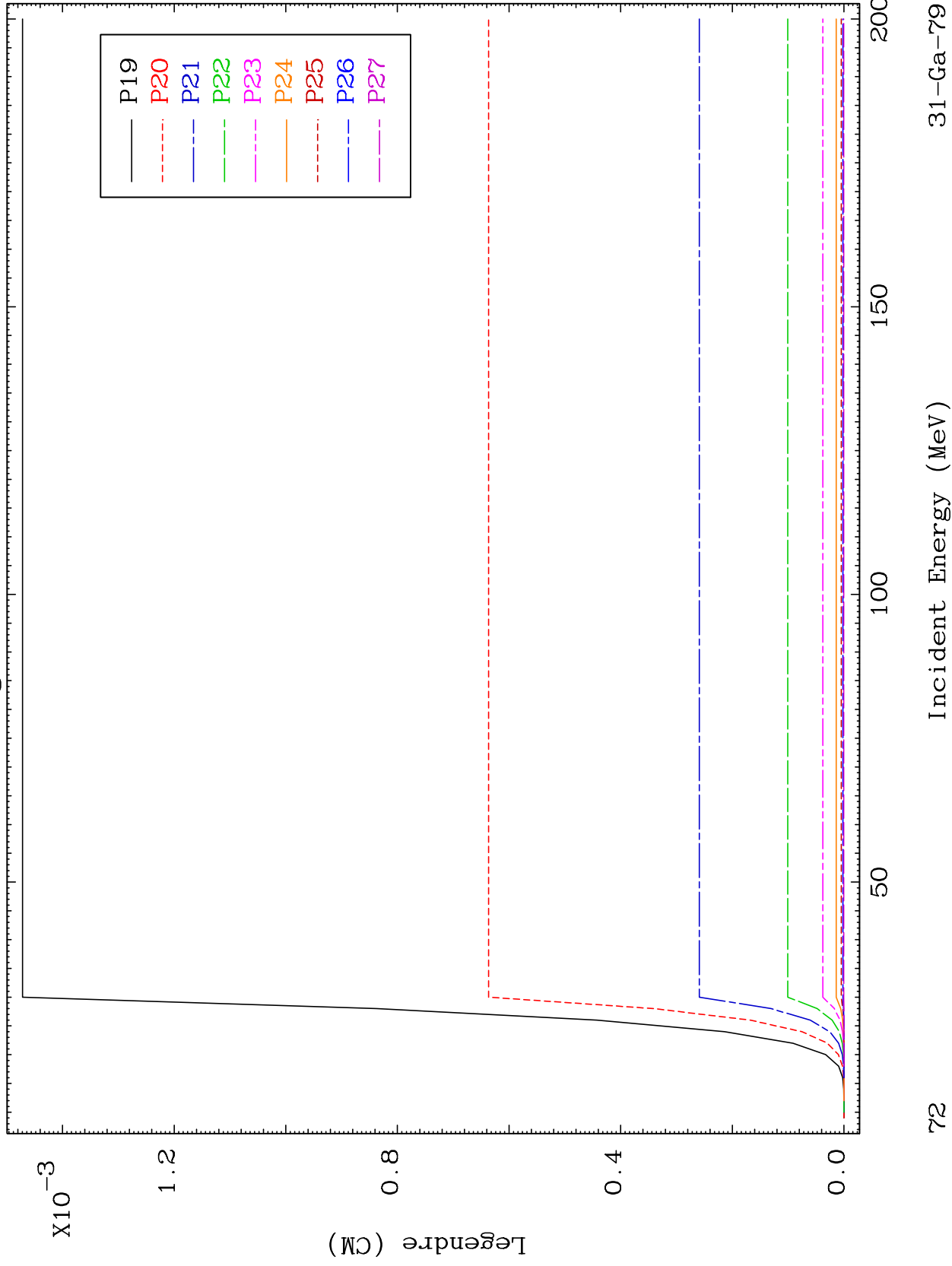
<sup>31</sup>Ga-79



MAT 3155

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

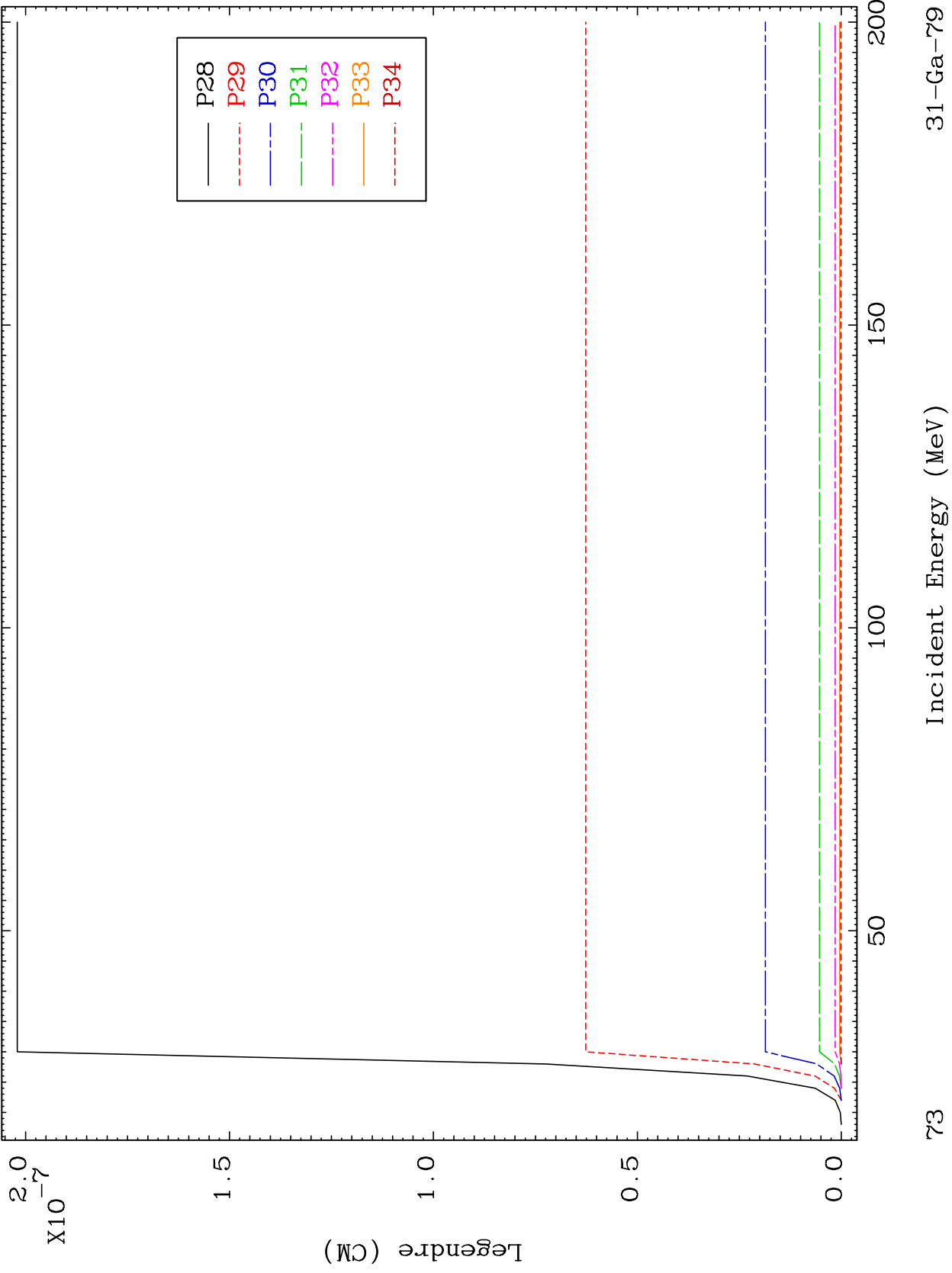
<sup>31</sup>Ga-79



MAT 3155

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

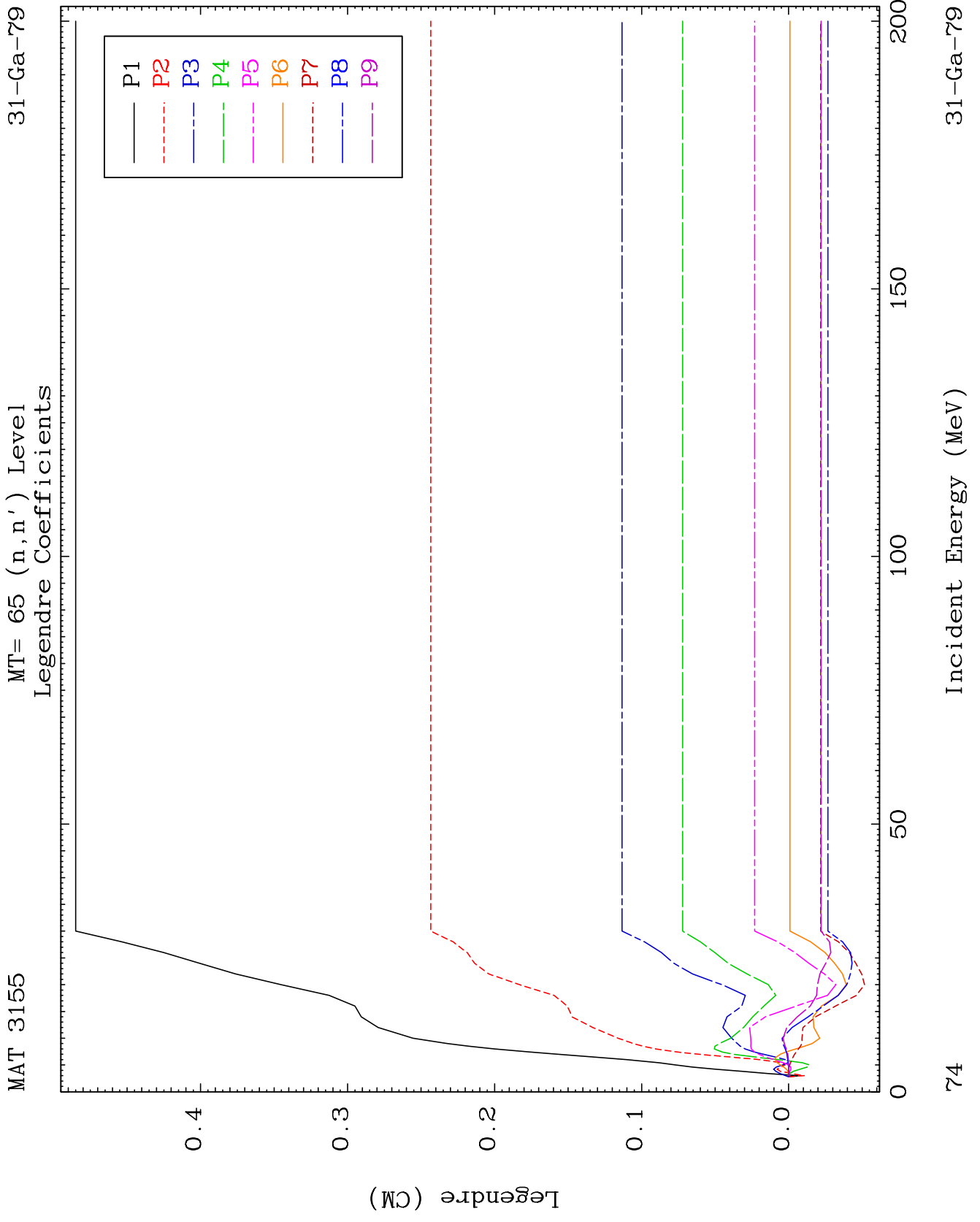
31-Ga-79

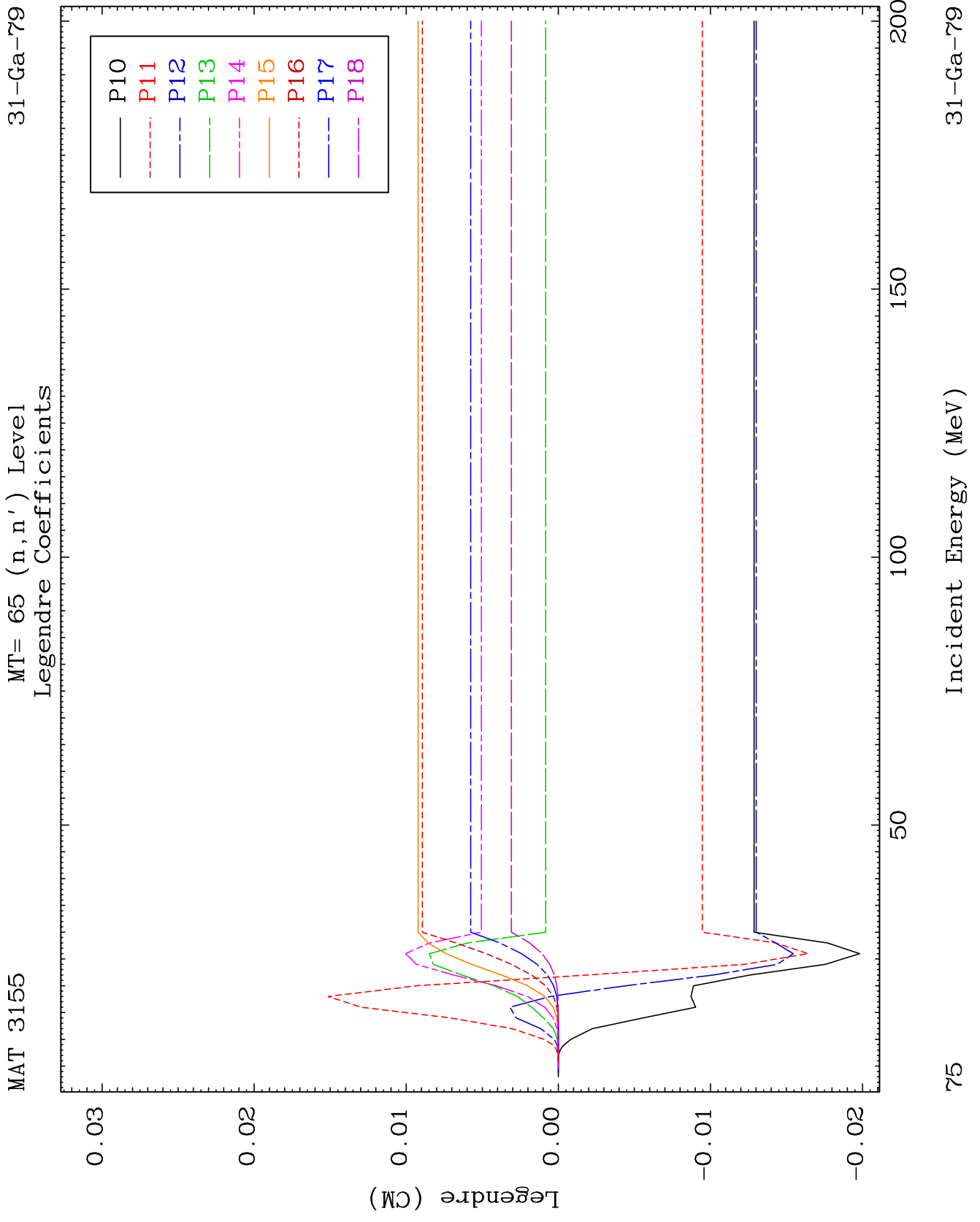


73

Incident Energy (MeV)

31-Ga-79

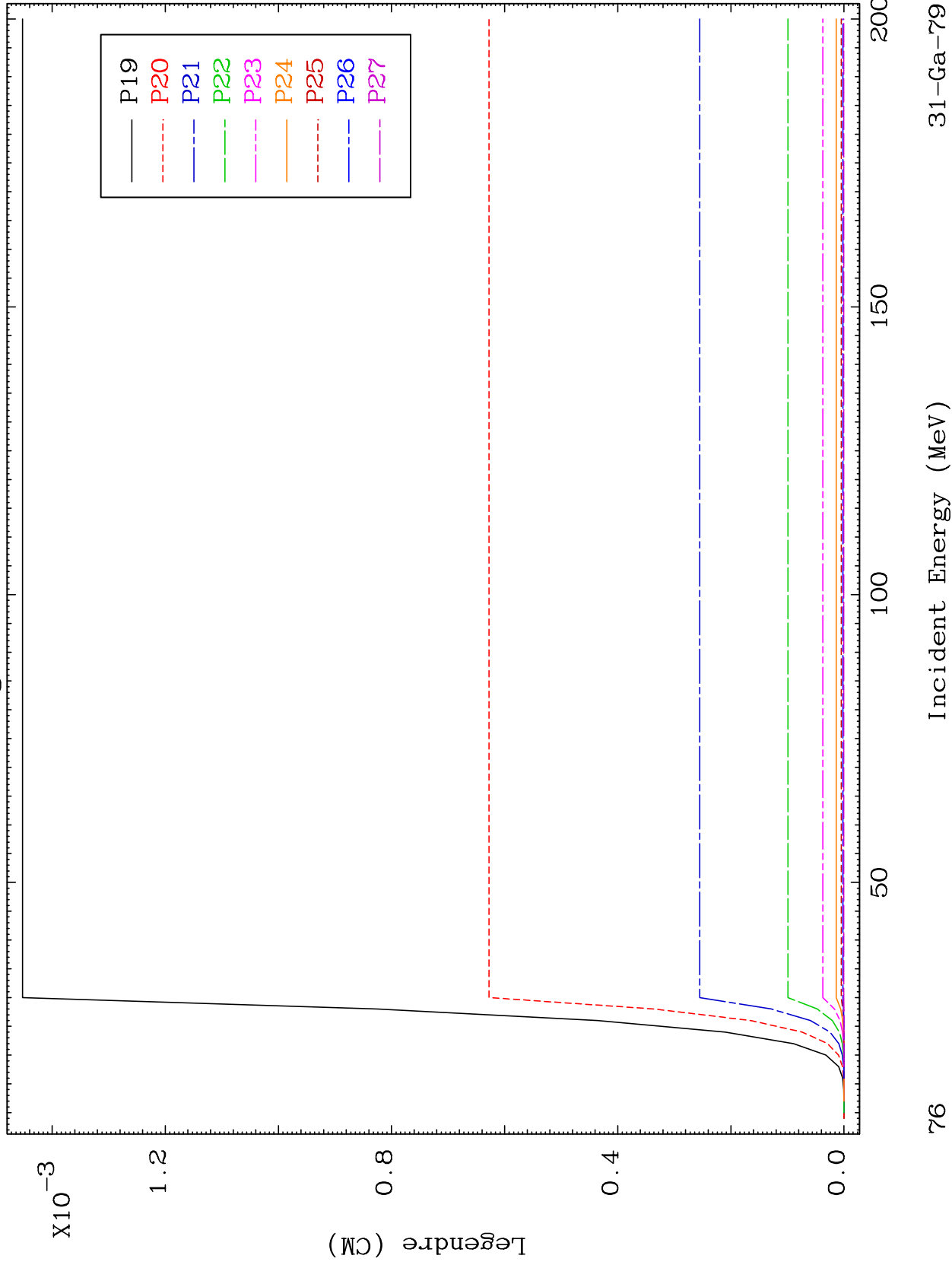




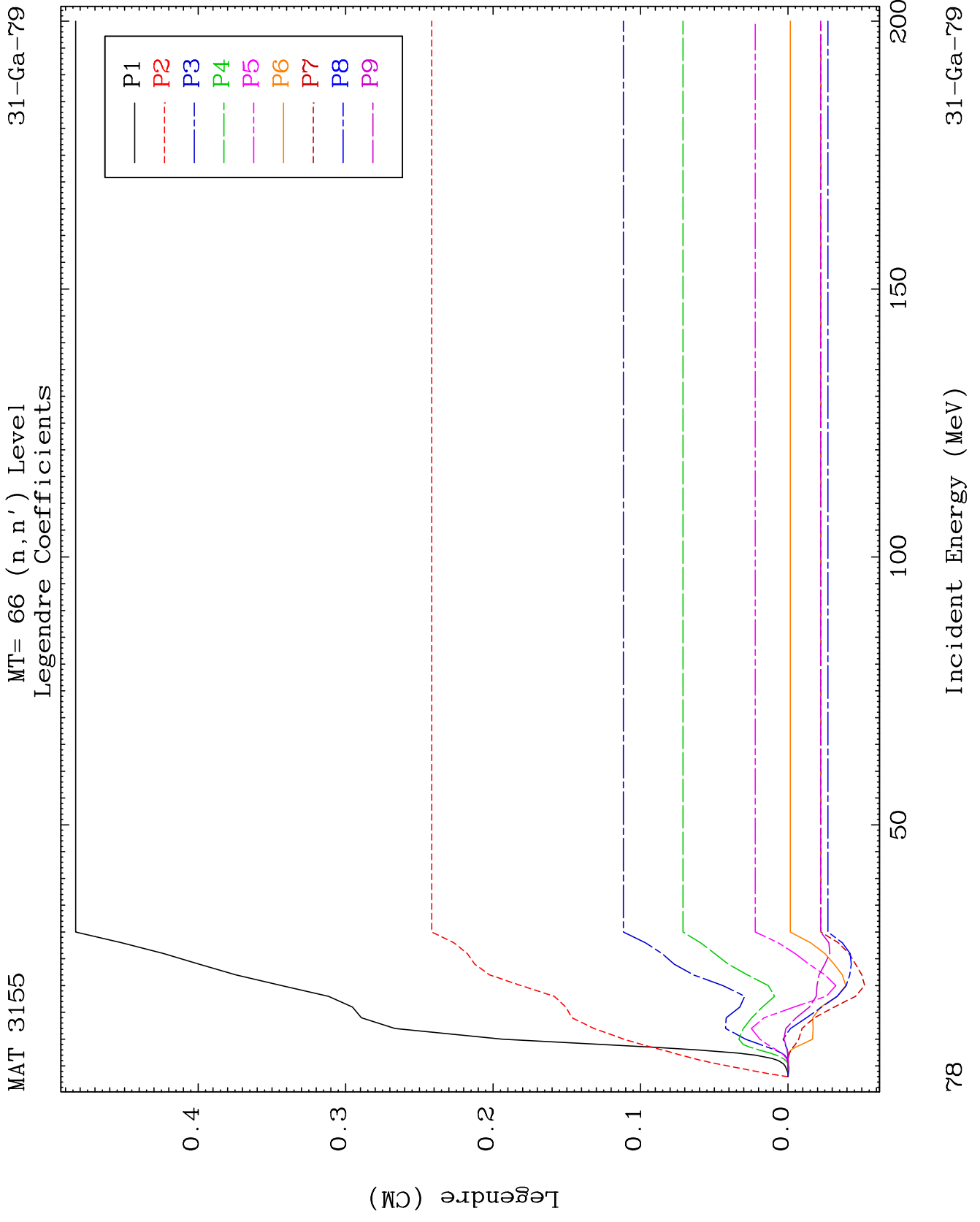
MAT 3155

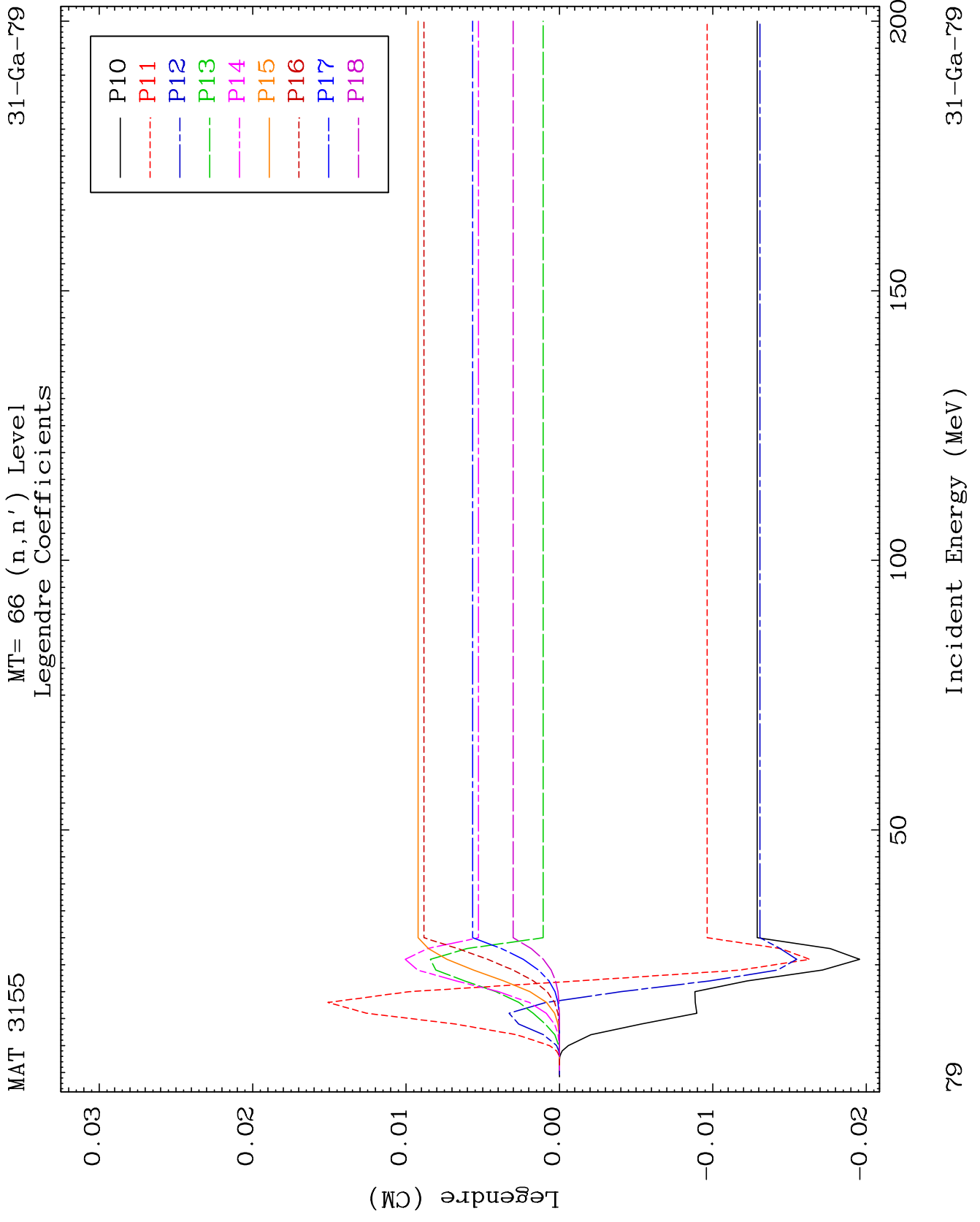
MT= 65 (n,n') Level  
Legendre Coefficients

<sup>31</sup>Ga-79







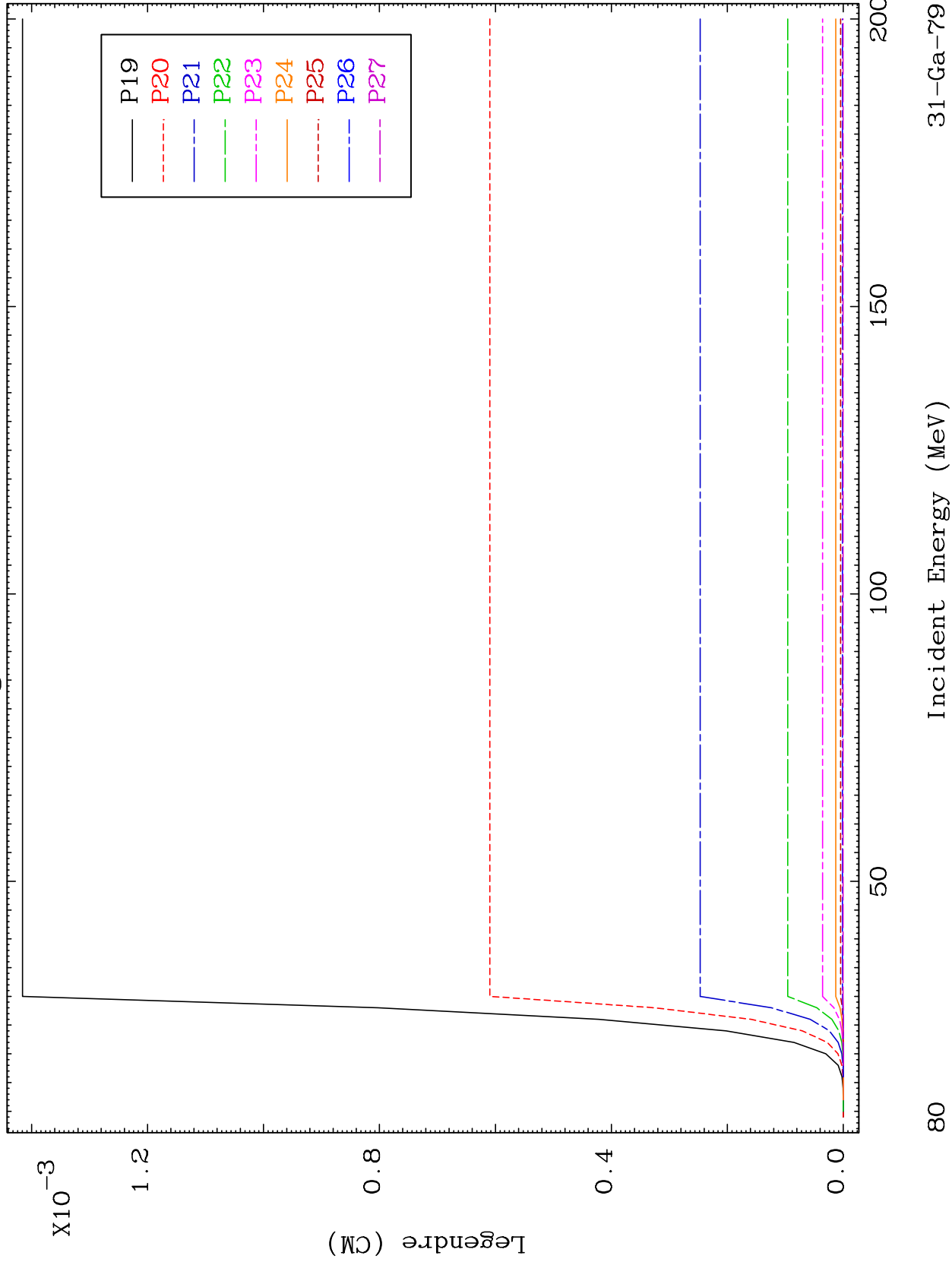




MAT 3155

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

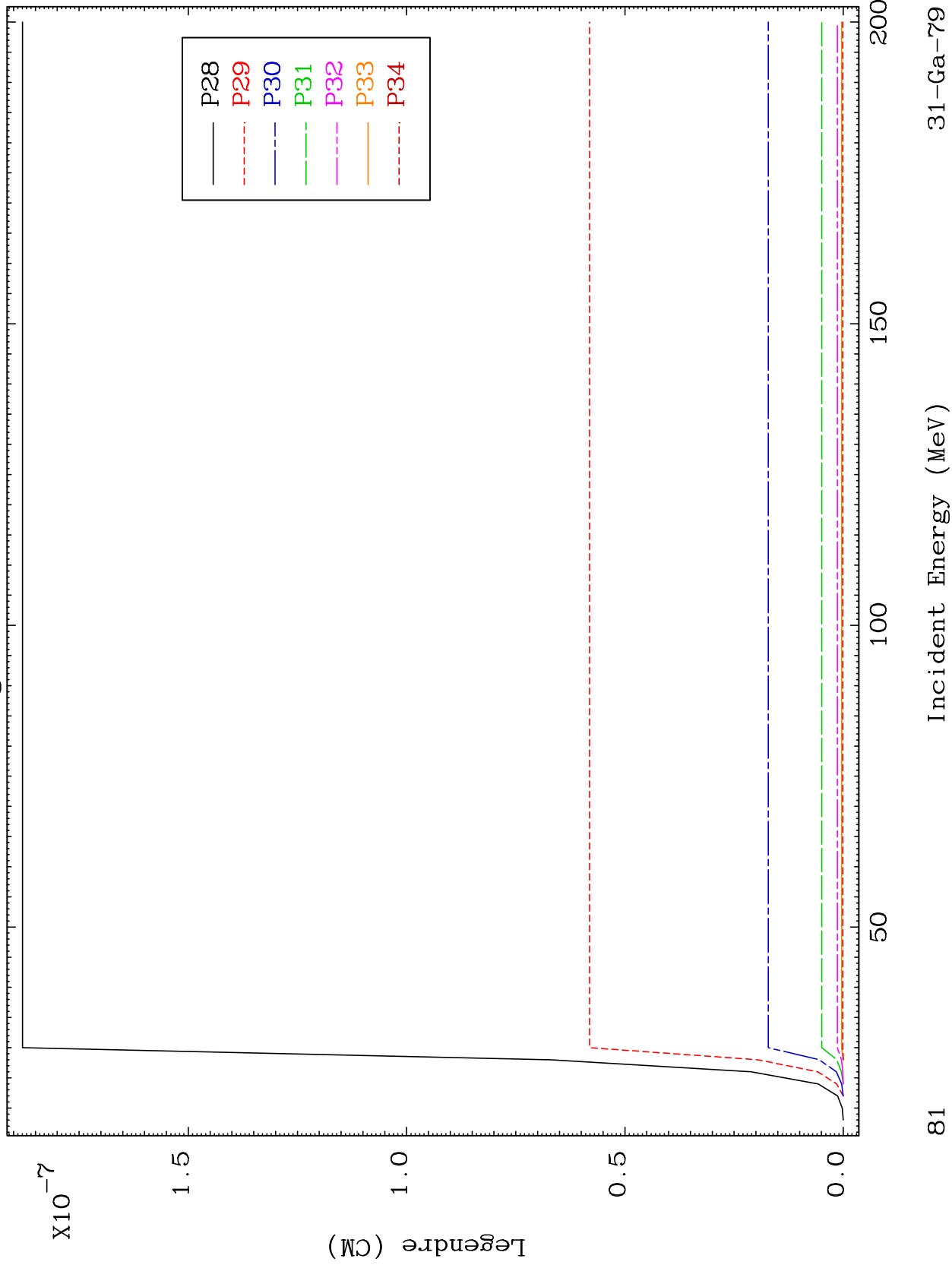
31-Ga-79



MAT 3155

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

31-Ga-79



81

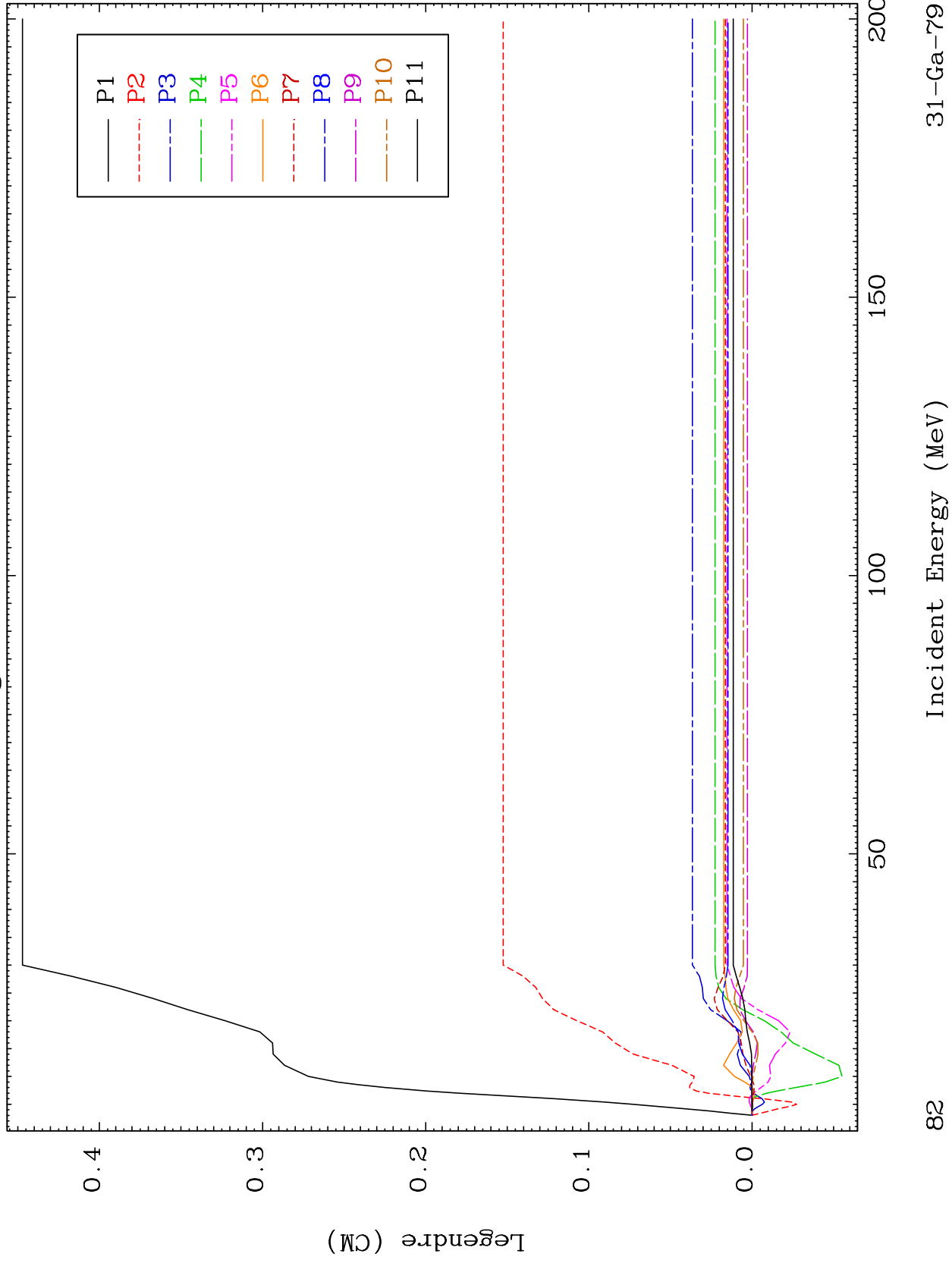
Incident Energy (MeV)

31-Ga-79

MAT 3155

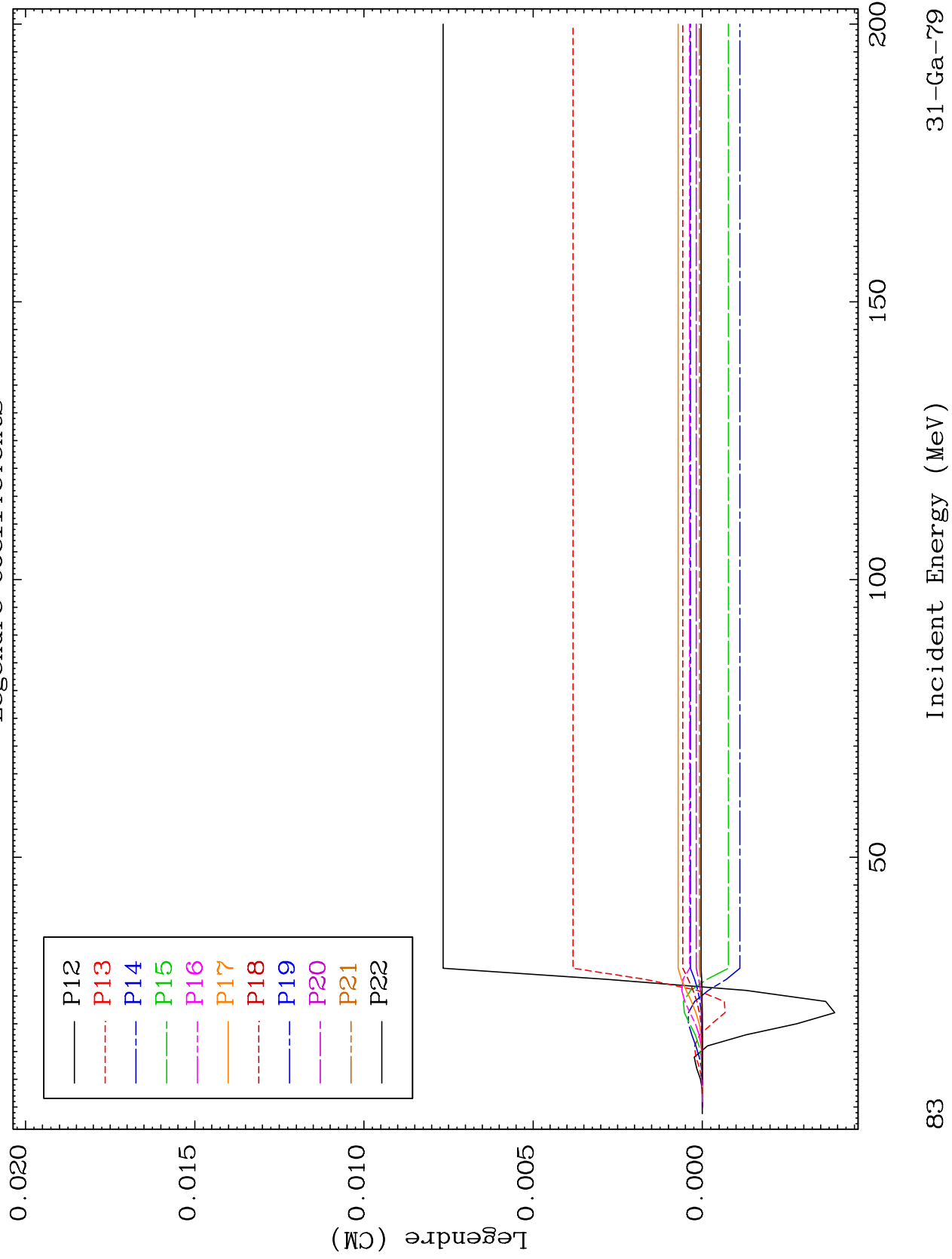
MT= 67 (n,n') Level  
Legendre Coefficients

31-Ga-79



82

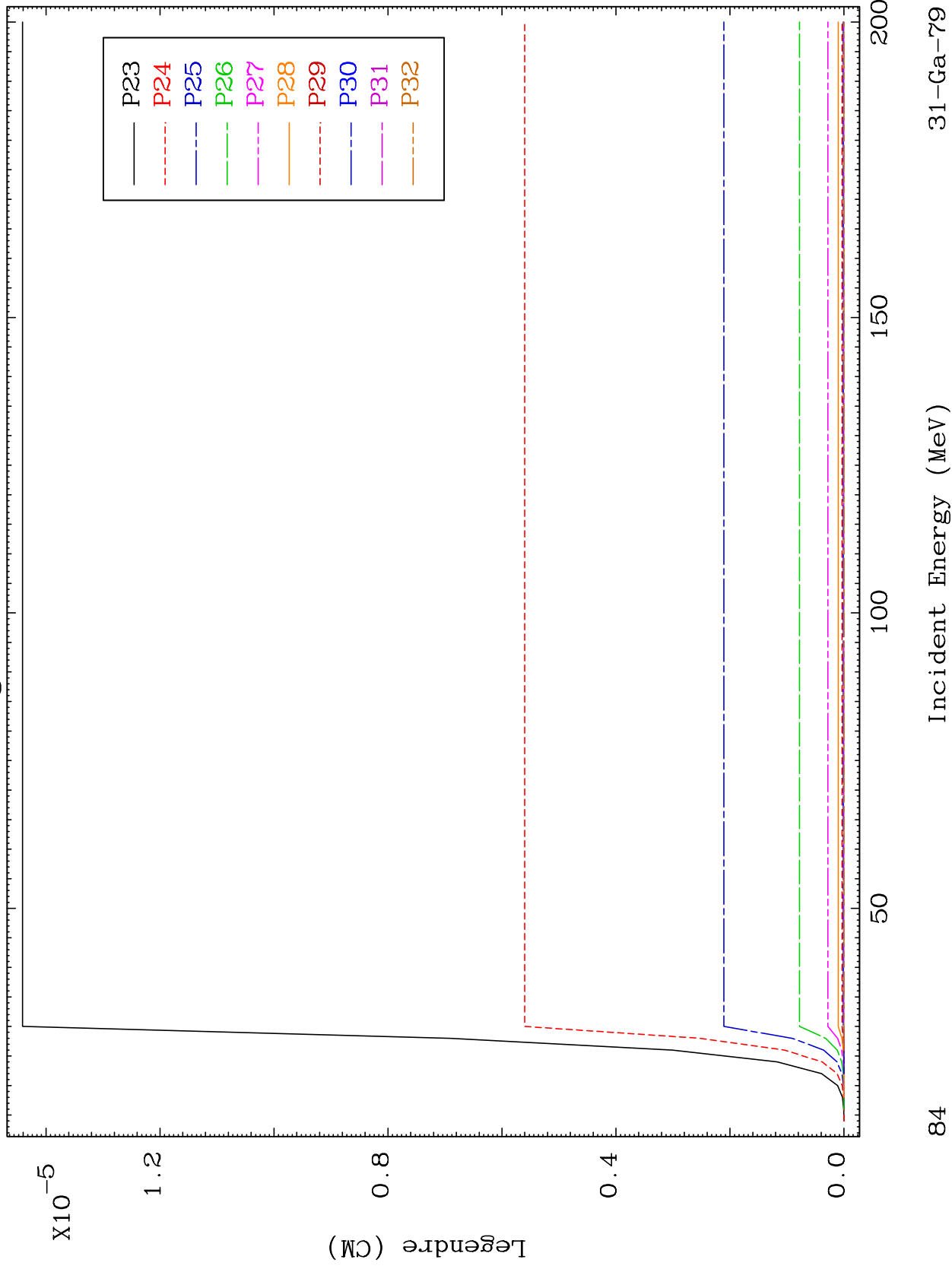
31-Ga-79



MAT 3155

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

31-Ga-79



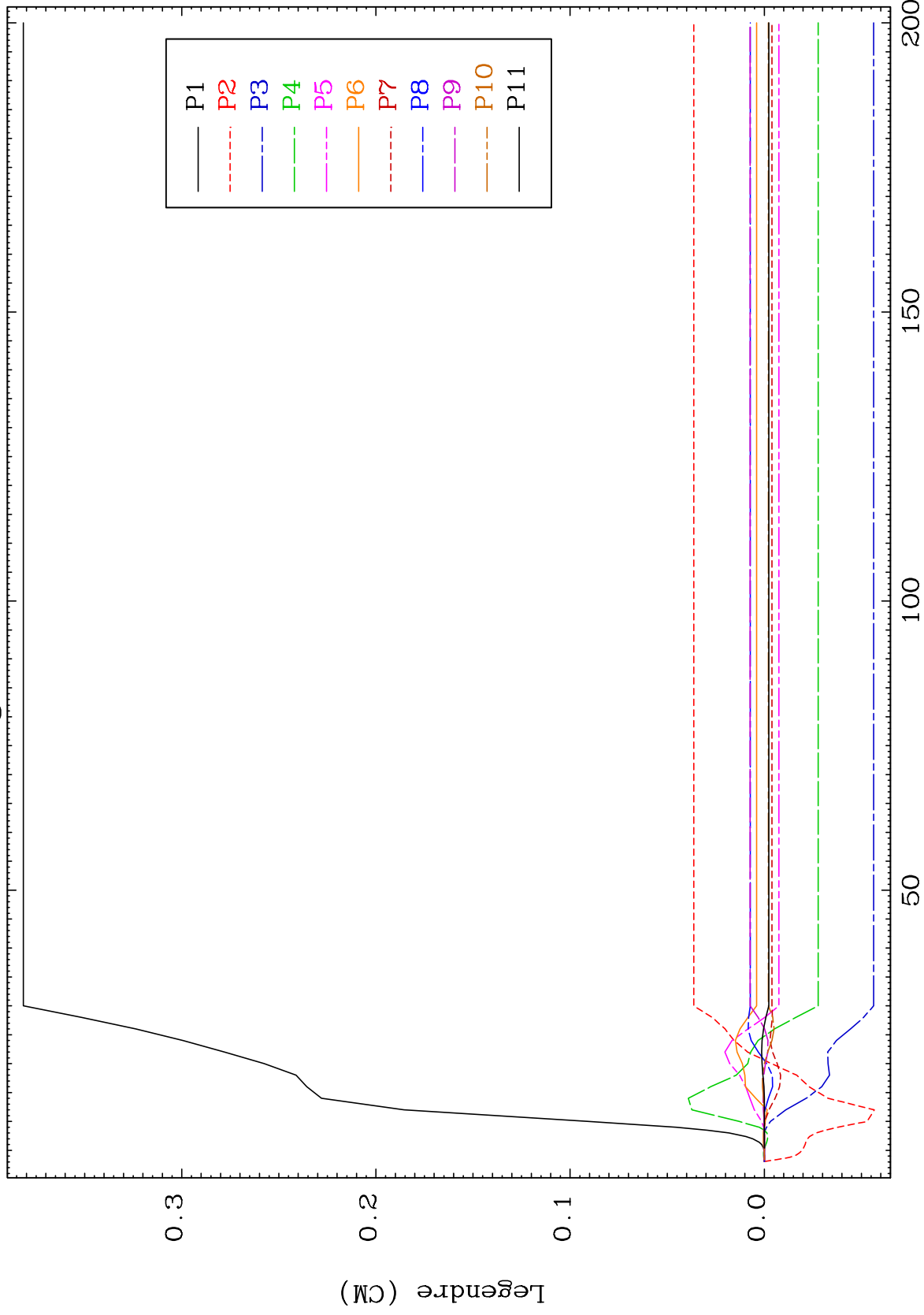
84

31-Ga-79

MAT 3155

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

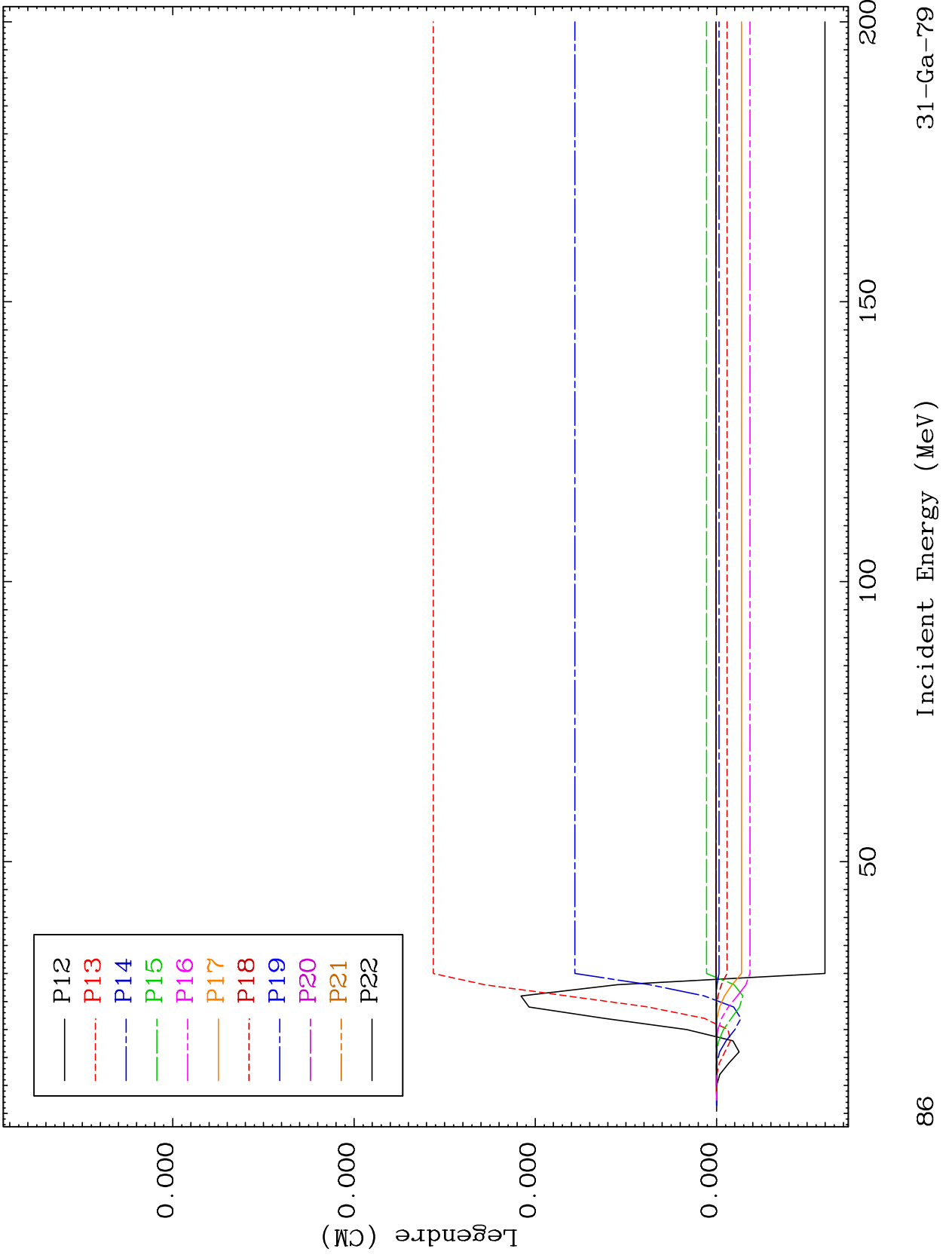
<sup>31</sup>Ga-79



85

Incident Energy (MeV)

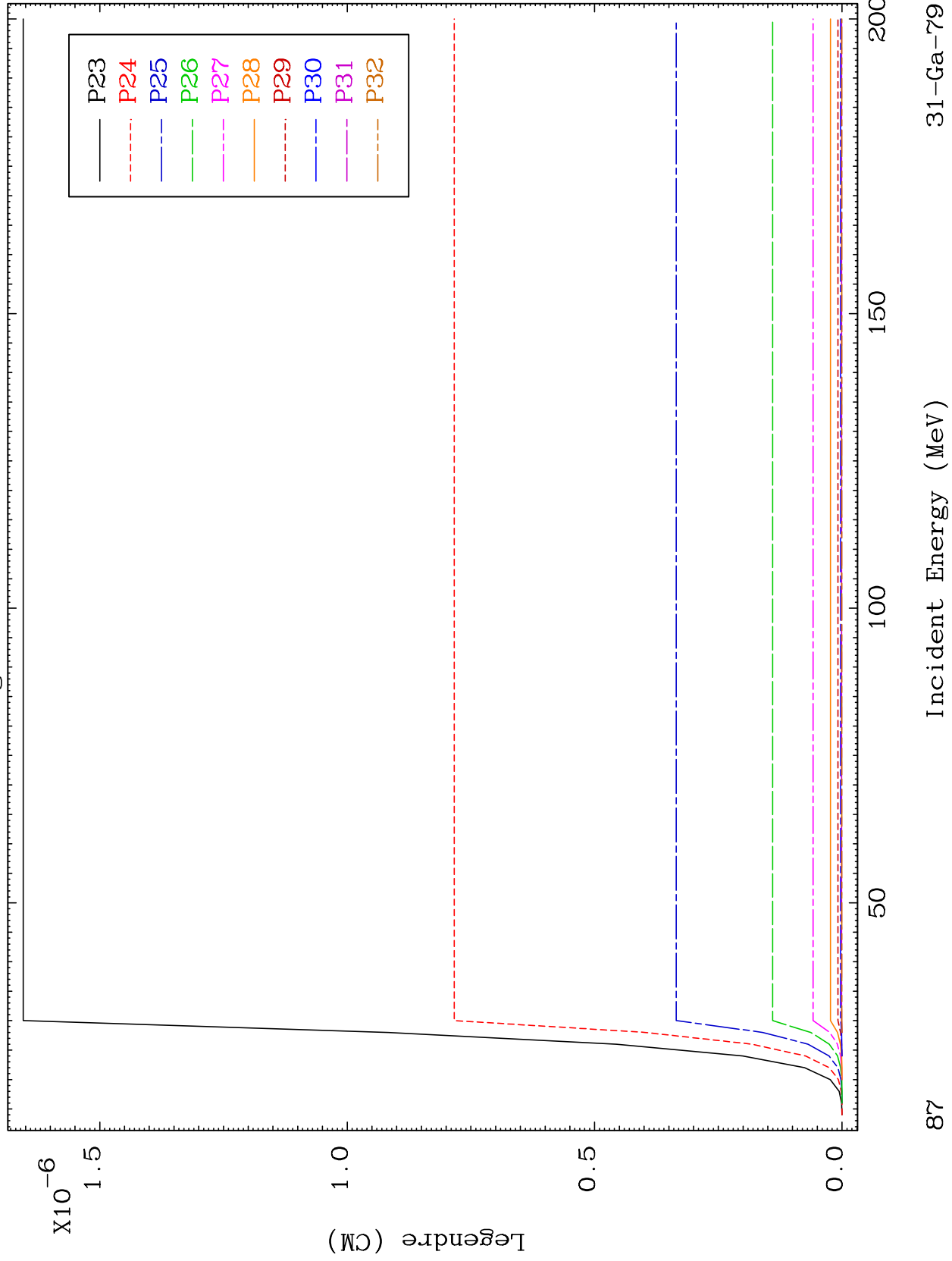
<sup>31</sup>Ga-79



MAT 3155

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

31-Ga-79

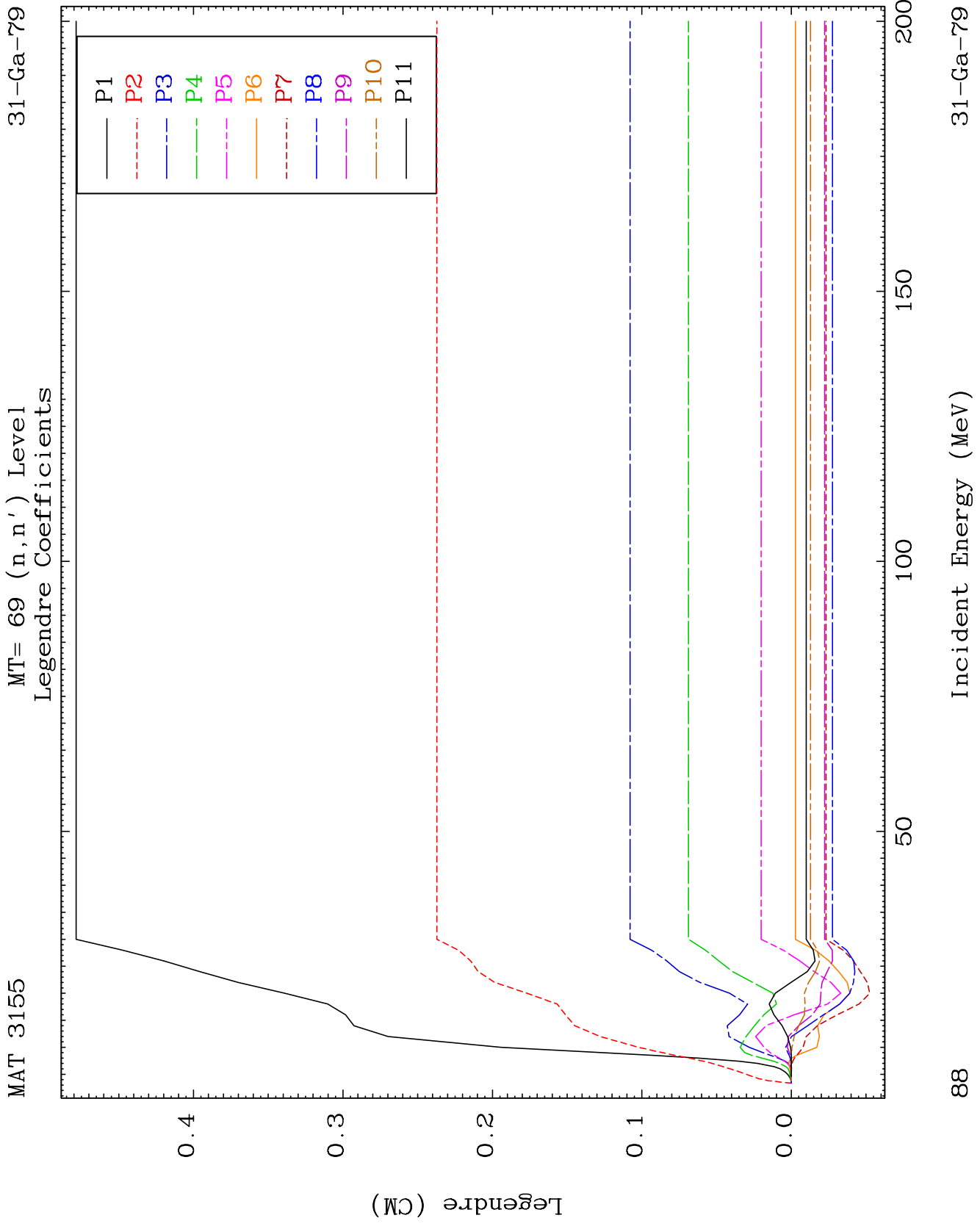


87

Incident Energy (MeV)

31-Ga-79

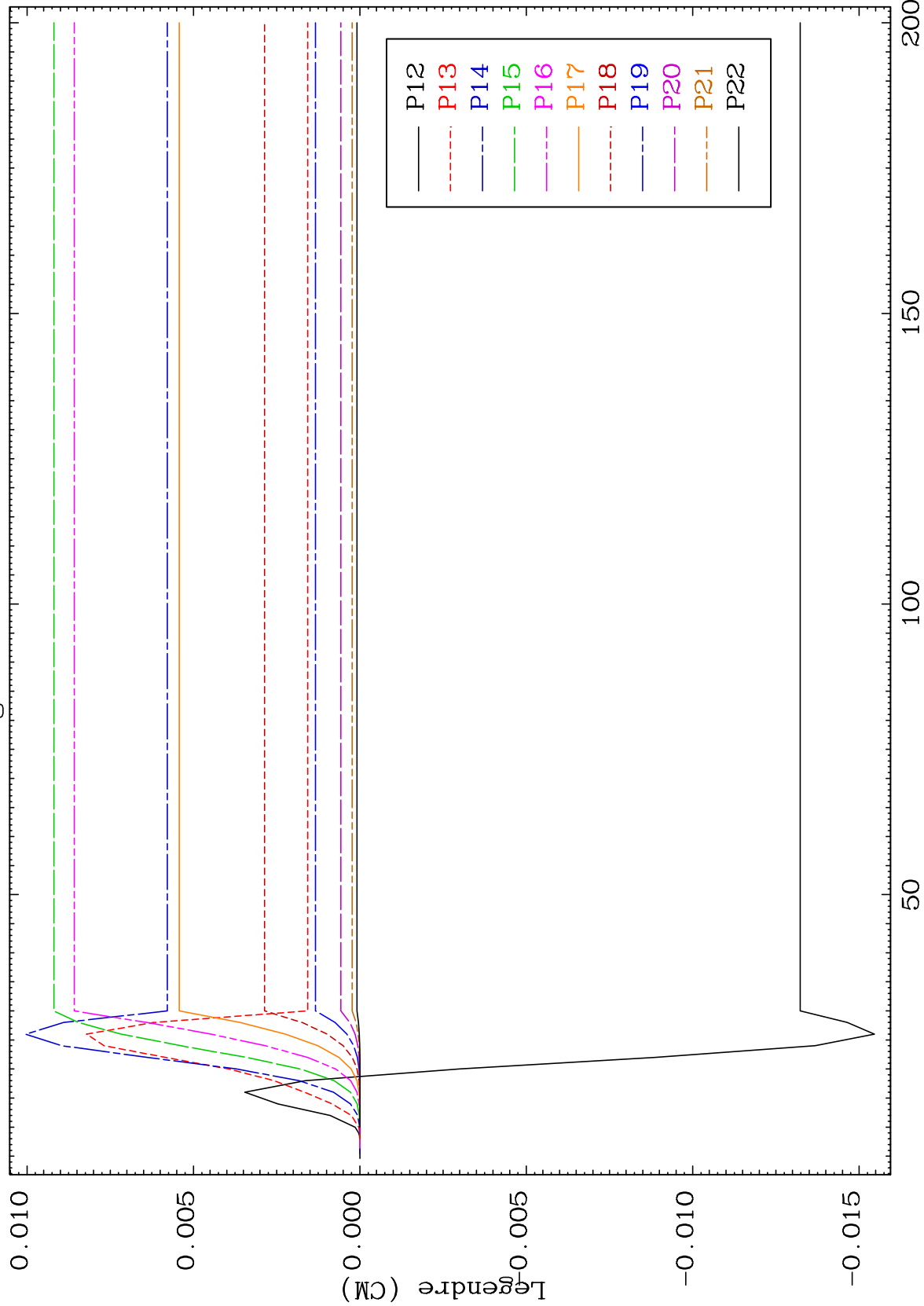




MAT 3155

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

31-Ga-79



89

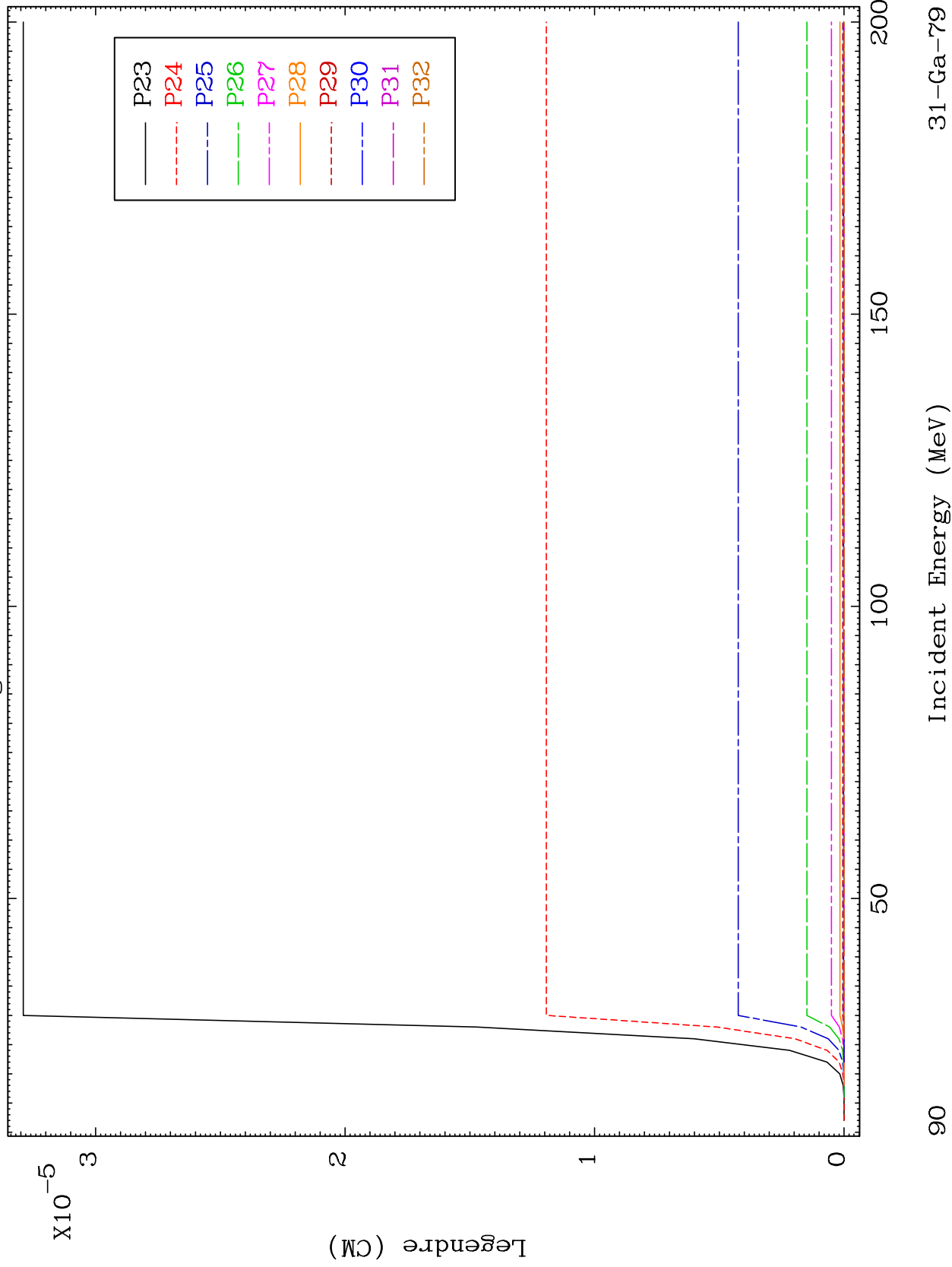
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

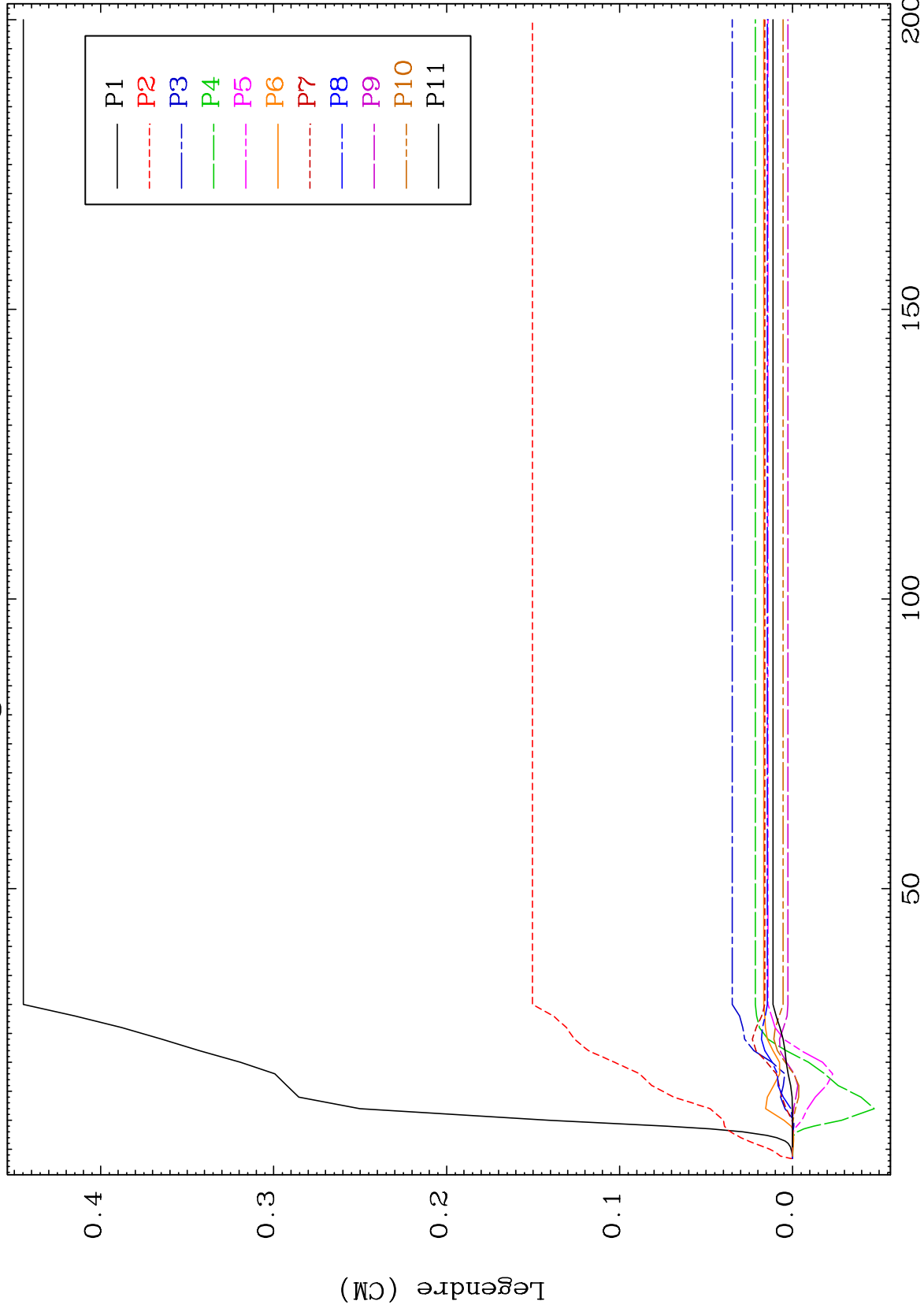
<sup>31</sup>Ga-79



MAT 3155

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

31-Ga-79



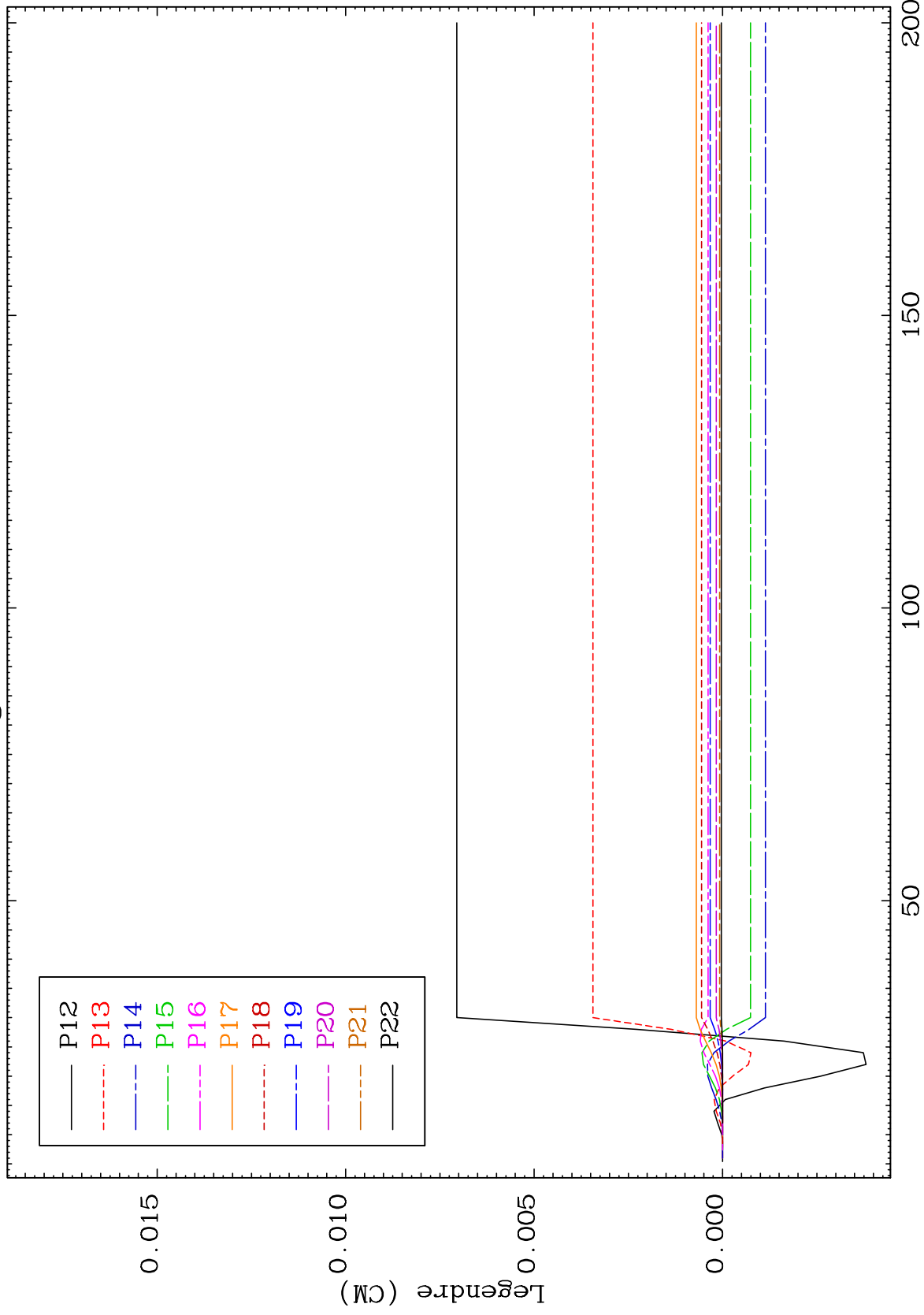
91

31-Ga-79

MAT 3155

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

31-Ga-79



92

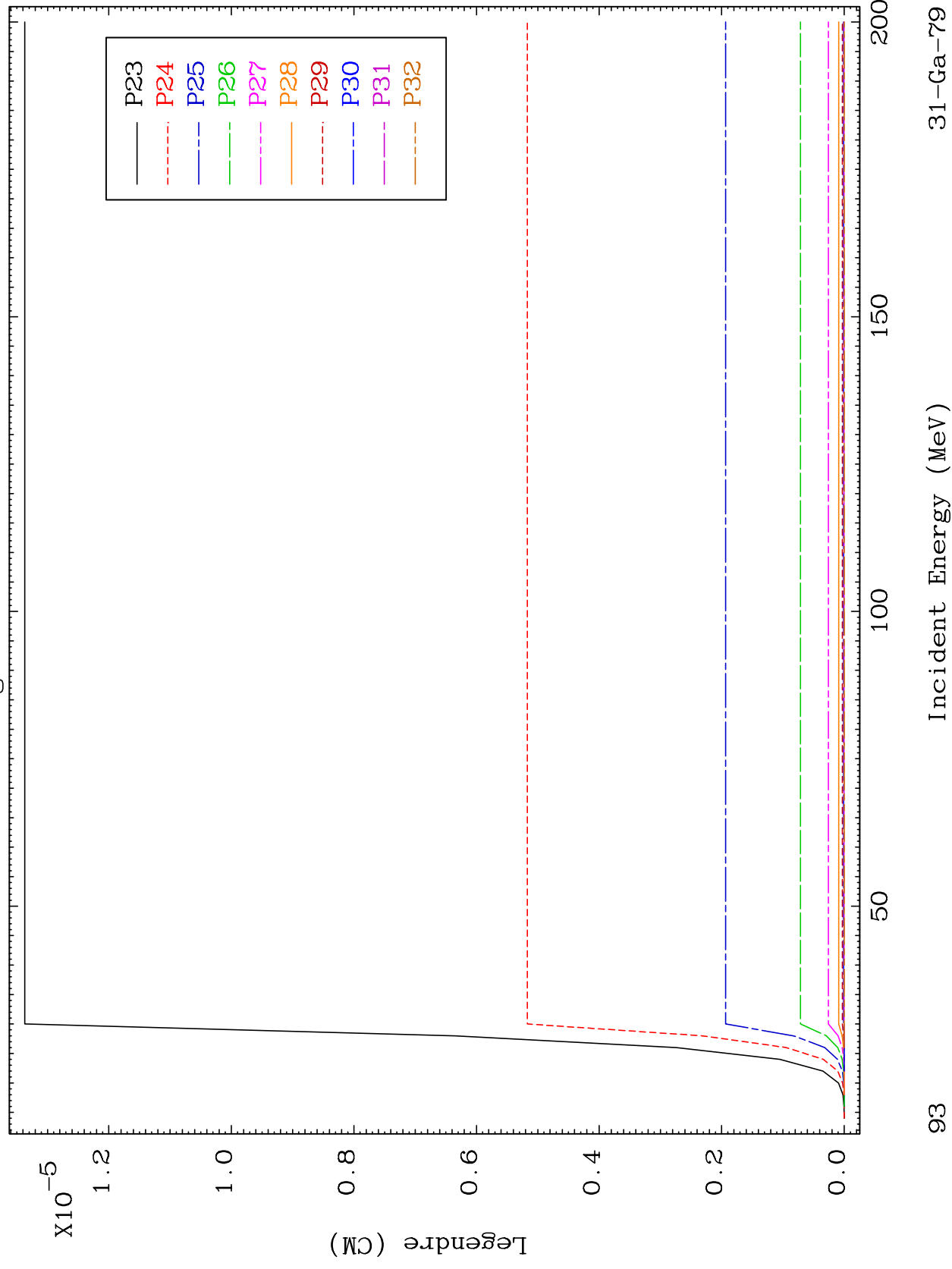
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



93

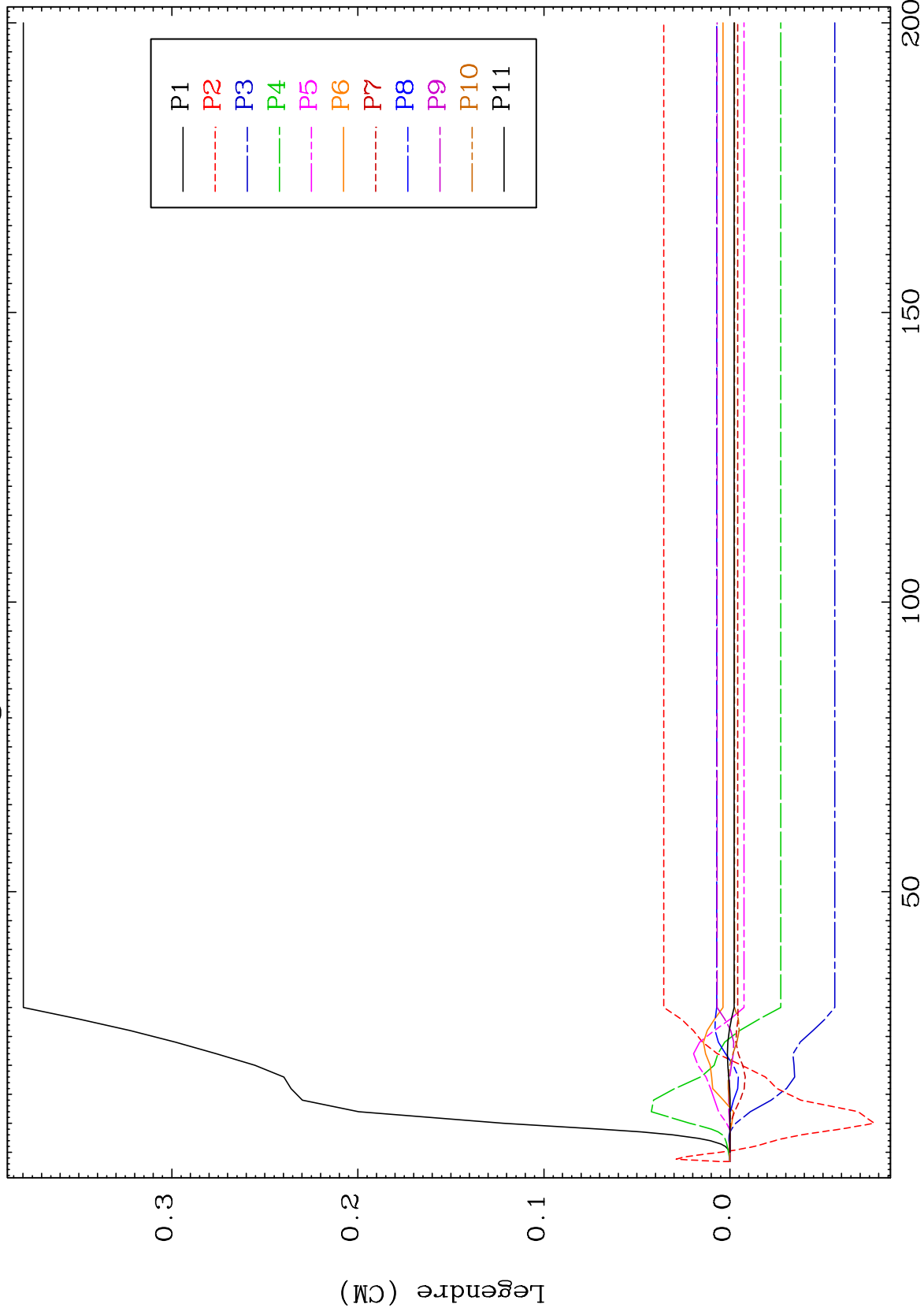
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



94

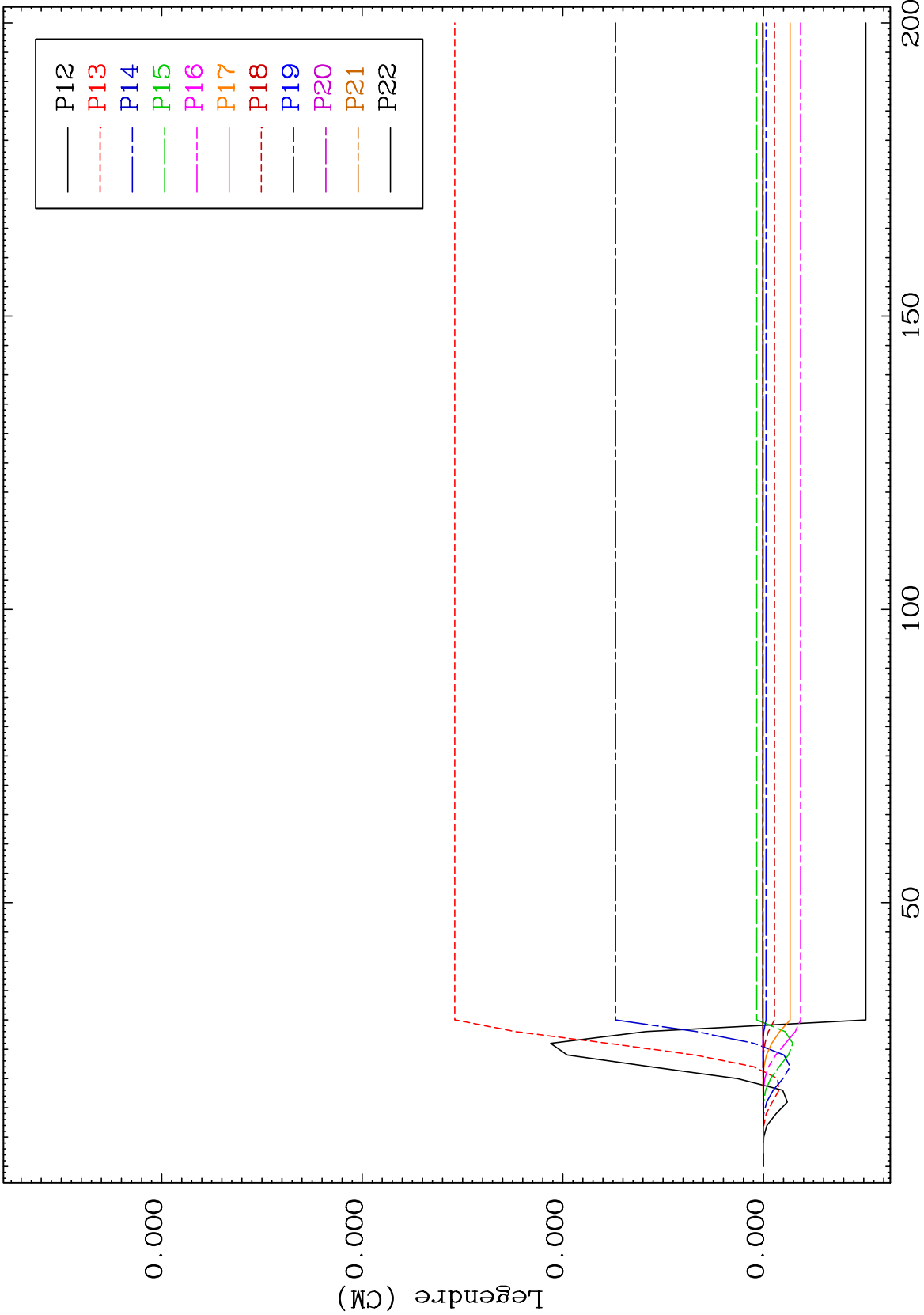
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

<sup>31</sup>Ga-79



95

Incident Energy (MeV)

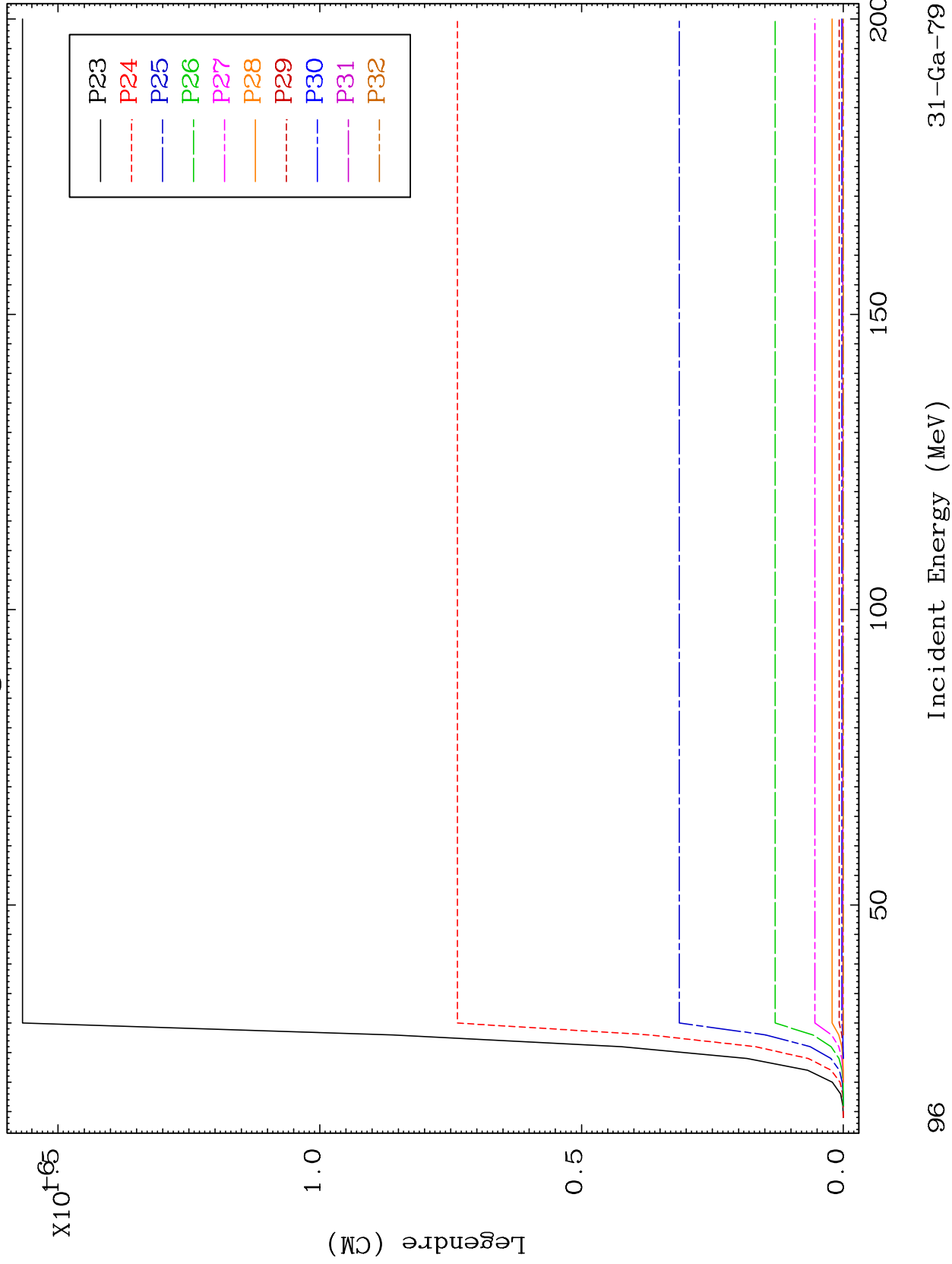
<sup>31</sup>Ga-79



MAT 3155

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

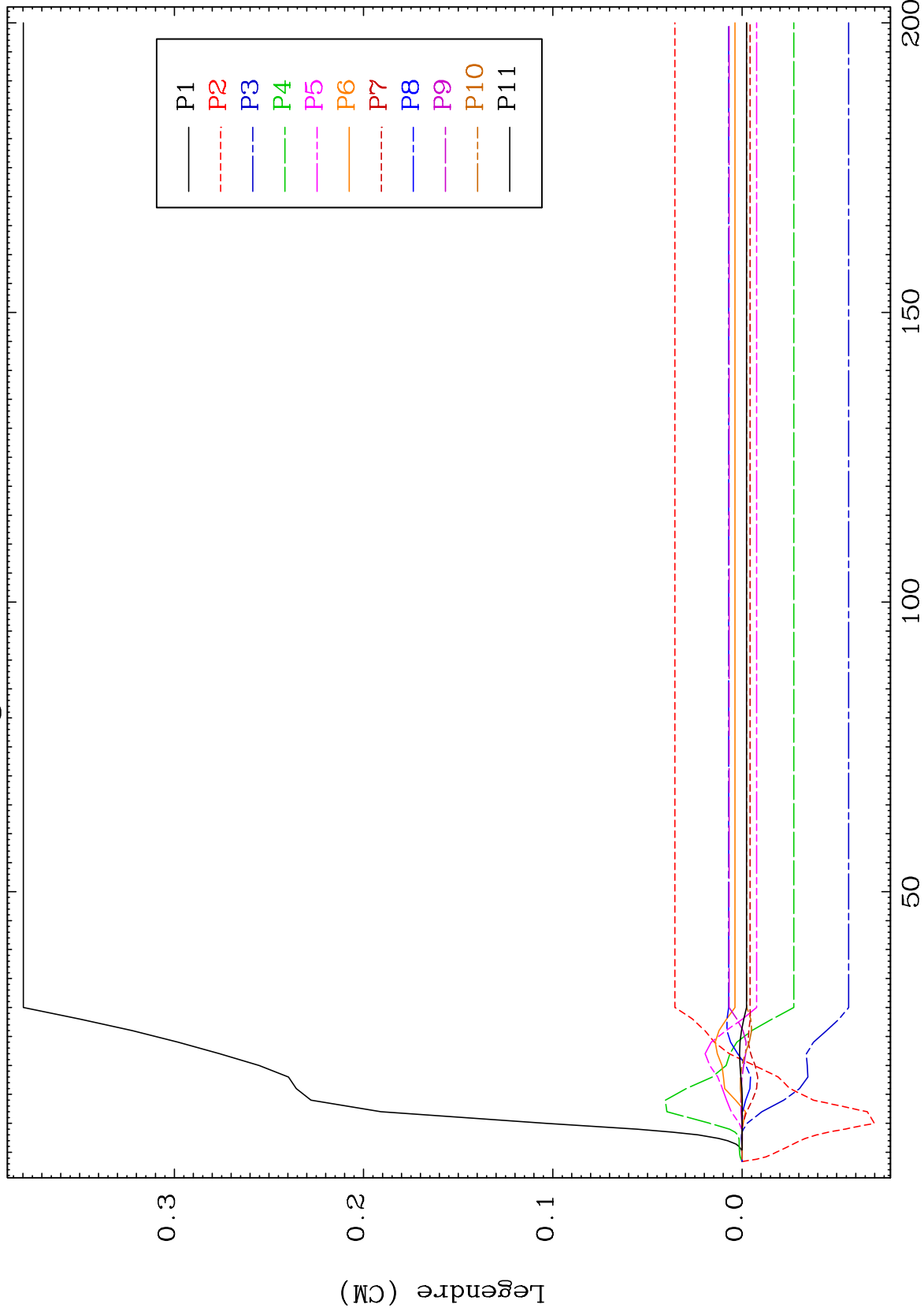
31-Ga-79



MAT 3155

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

31-Ga-79



97

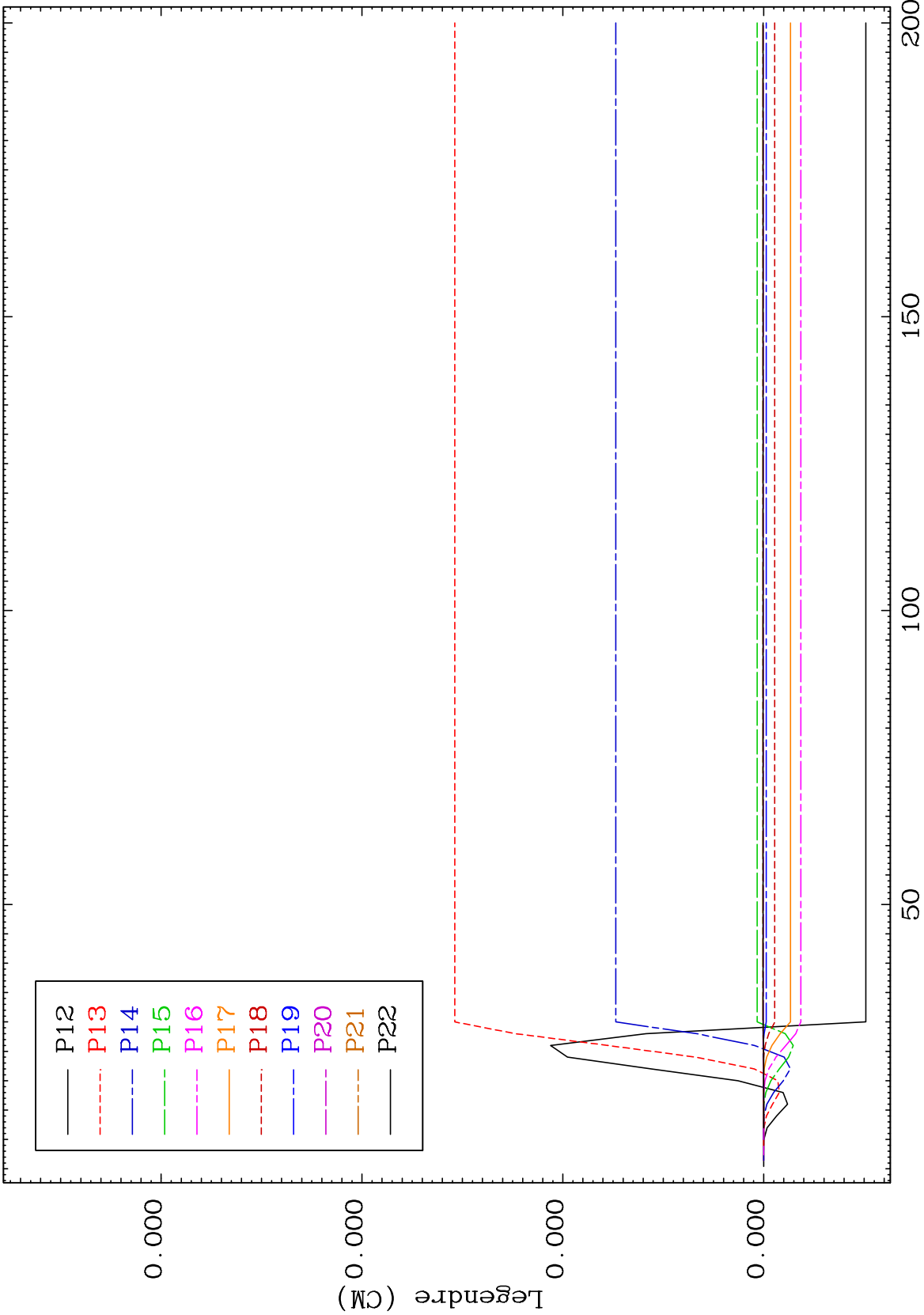
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

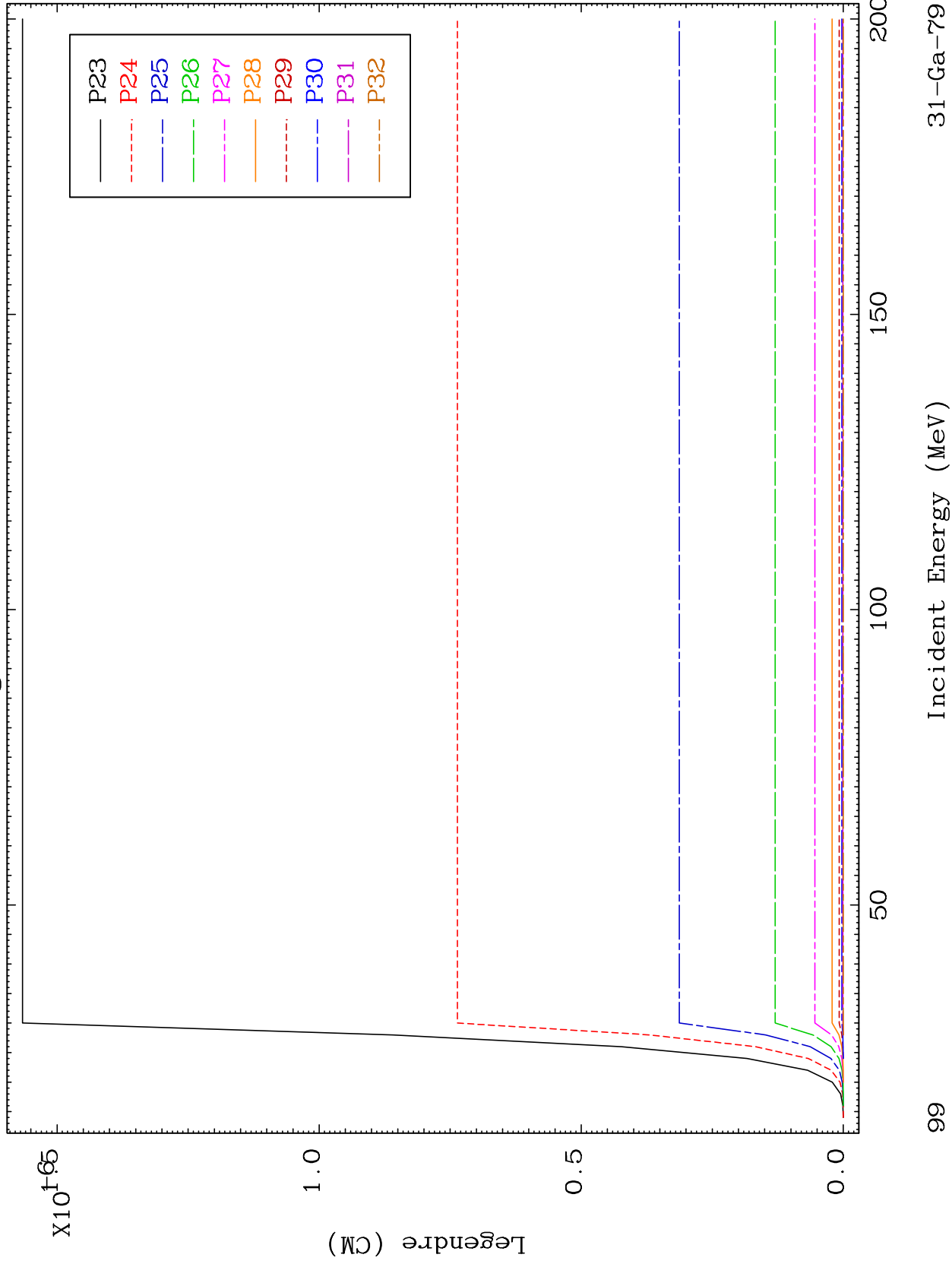
31-Ga-79

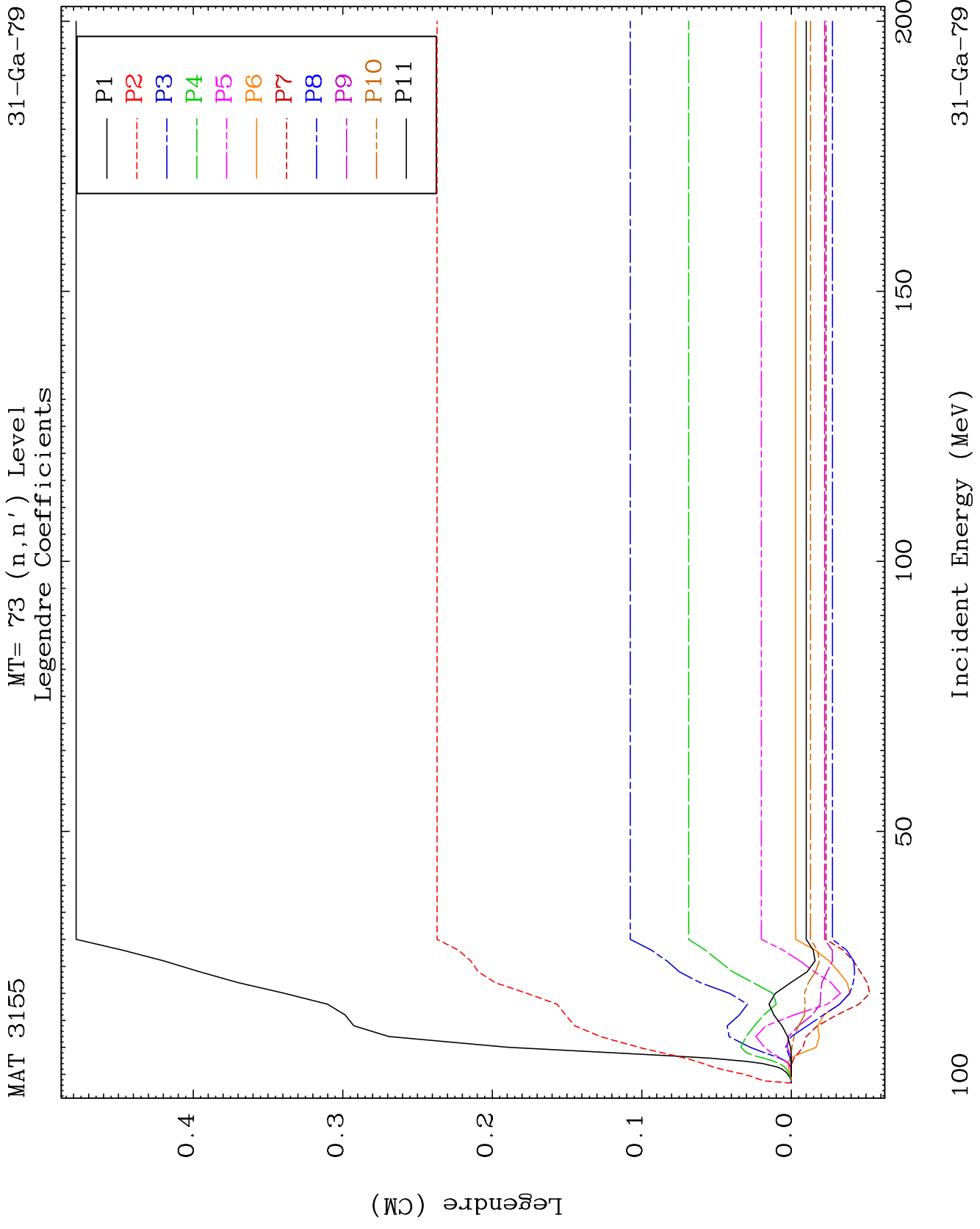


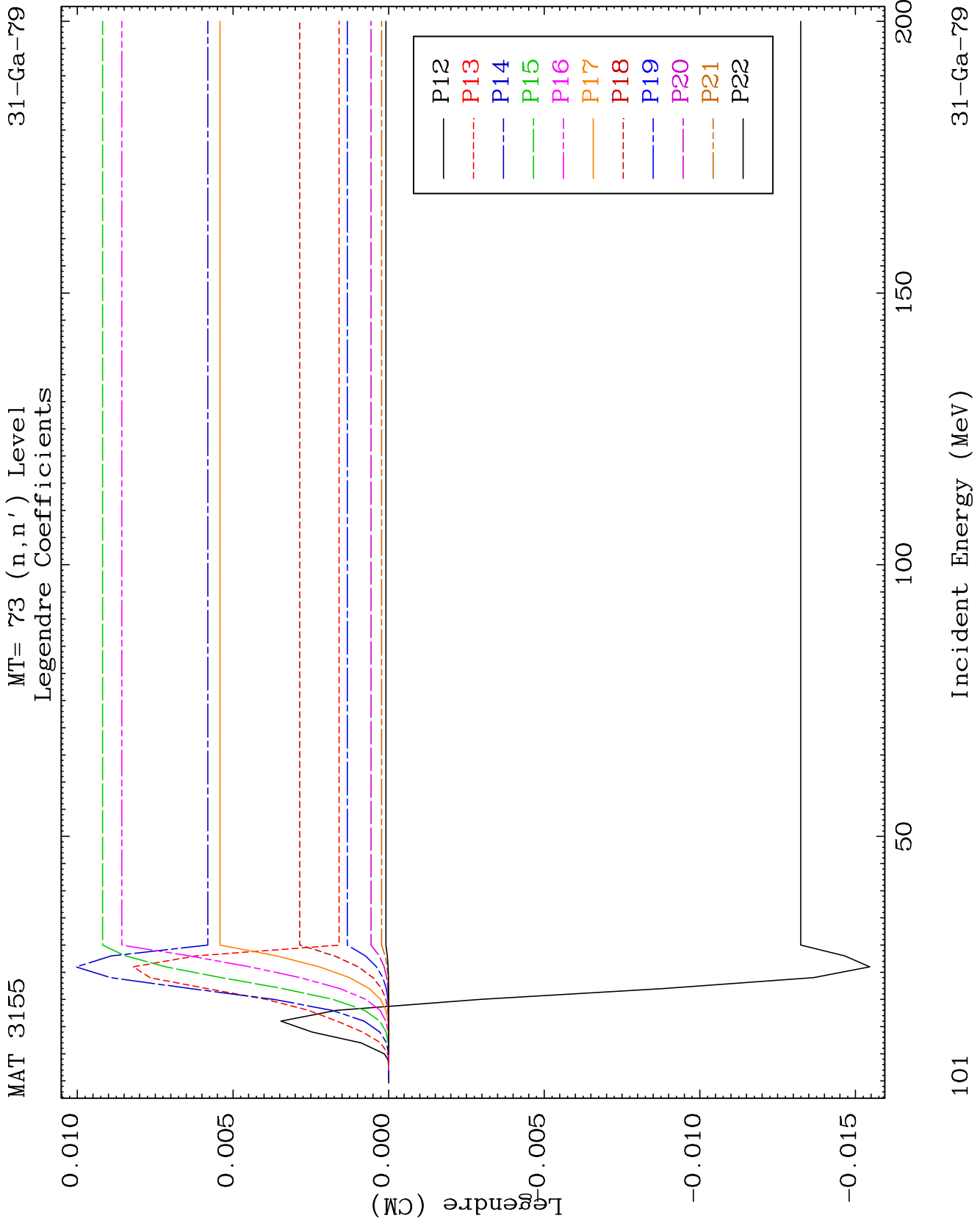
MAT 3155

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

31-Ga-79



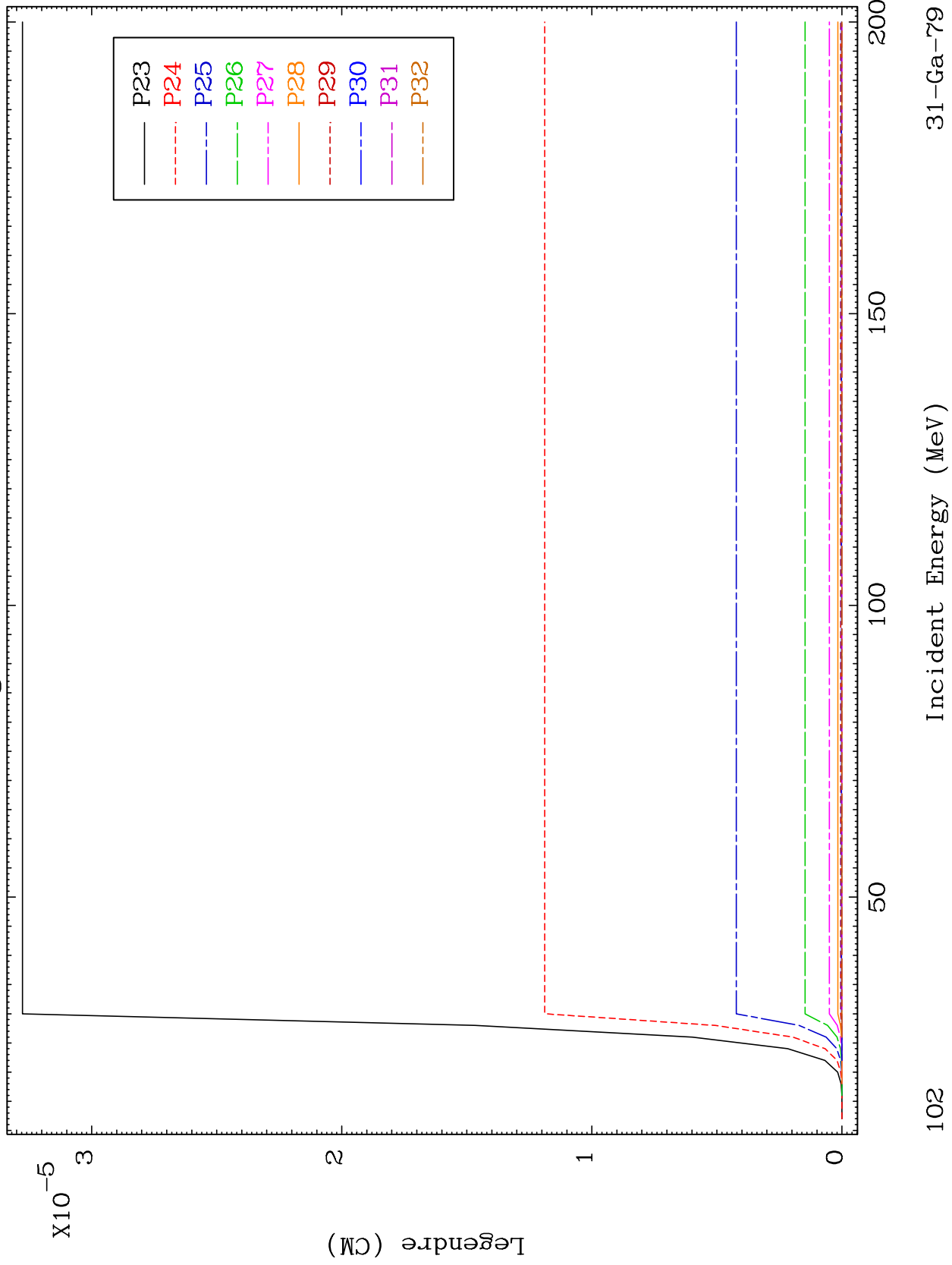




MAT 3155

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

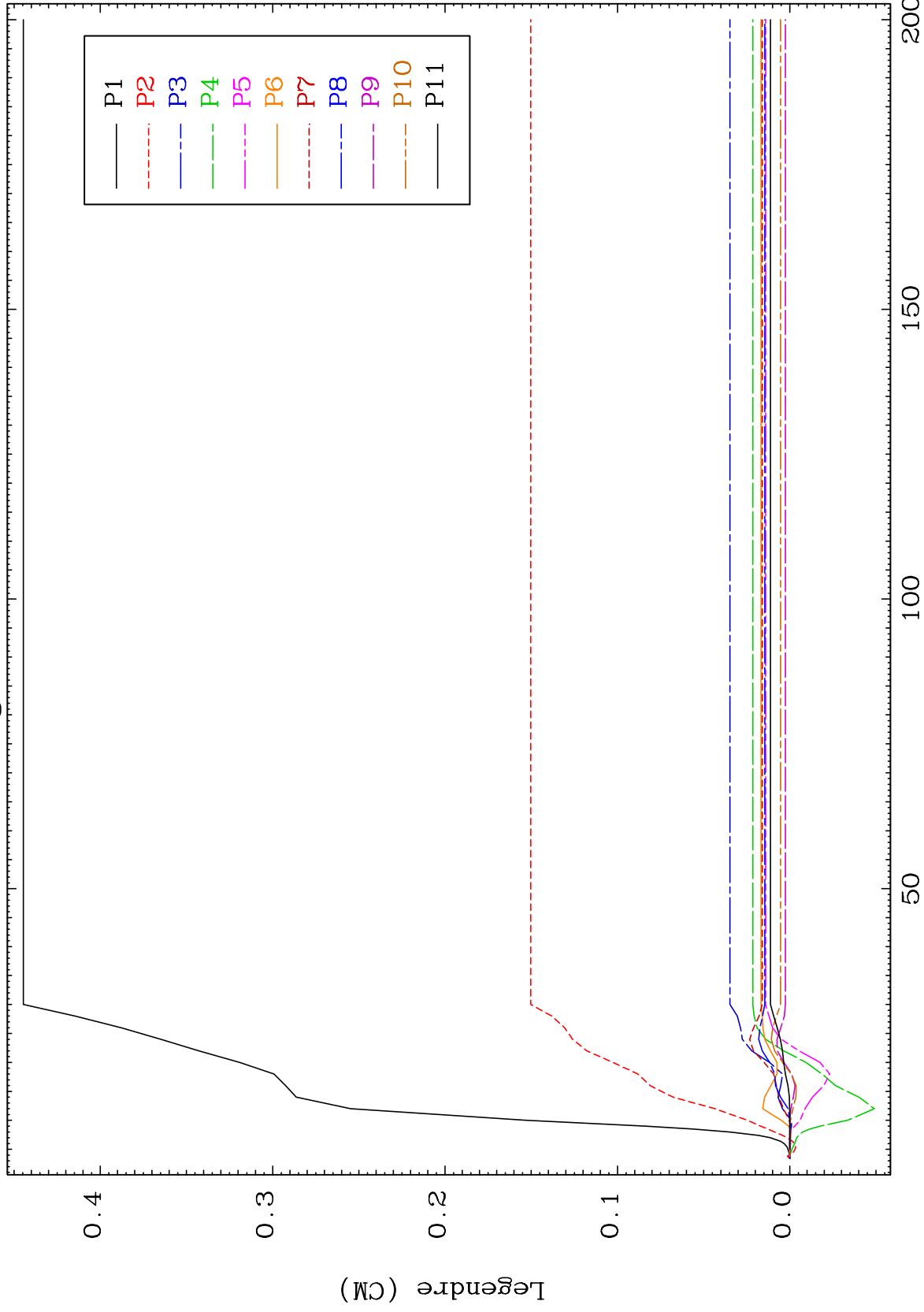
31-Ga-79



MAT 3155

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

31-Ga-79



103

Incident Energy (MeV)

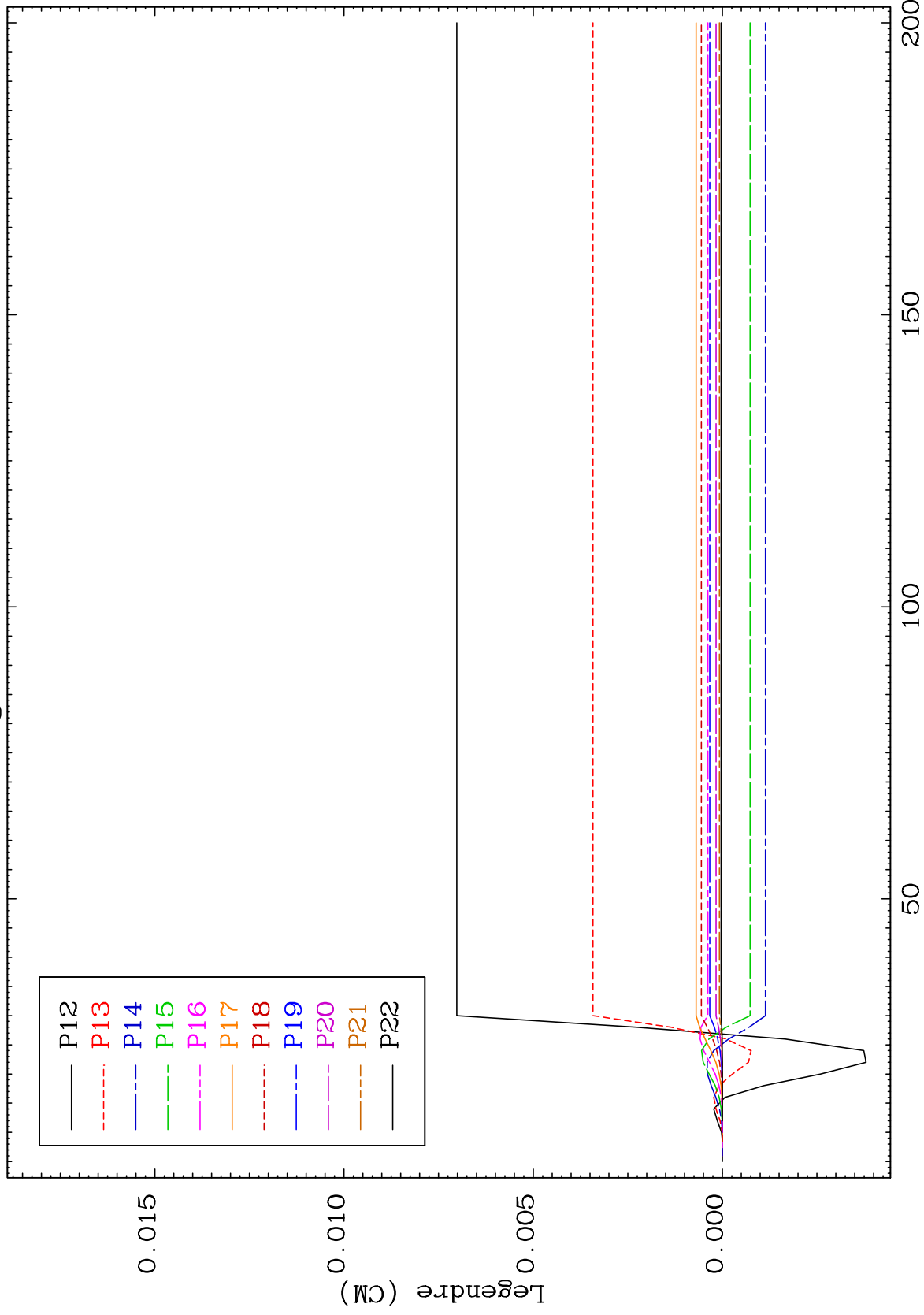
31-Ga-79



MAT 3155

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

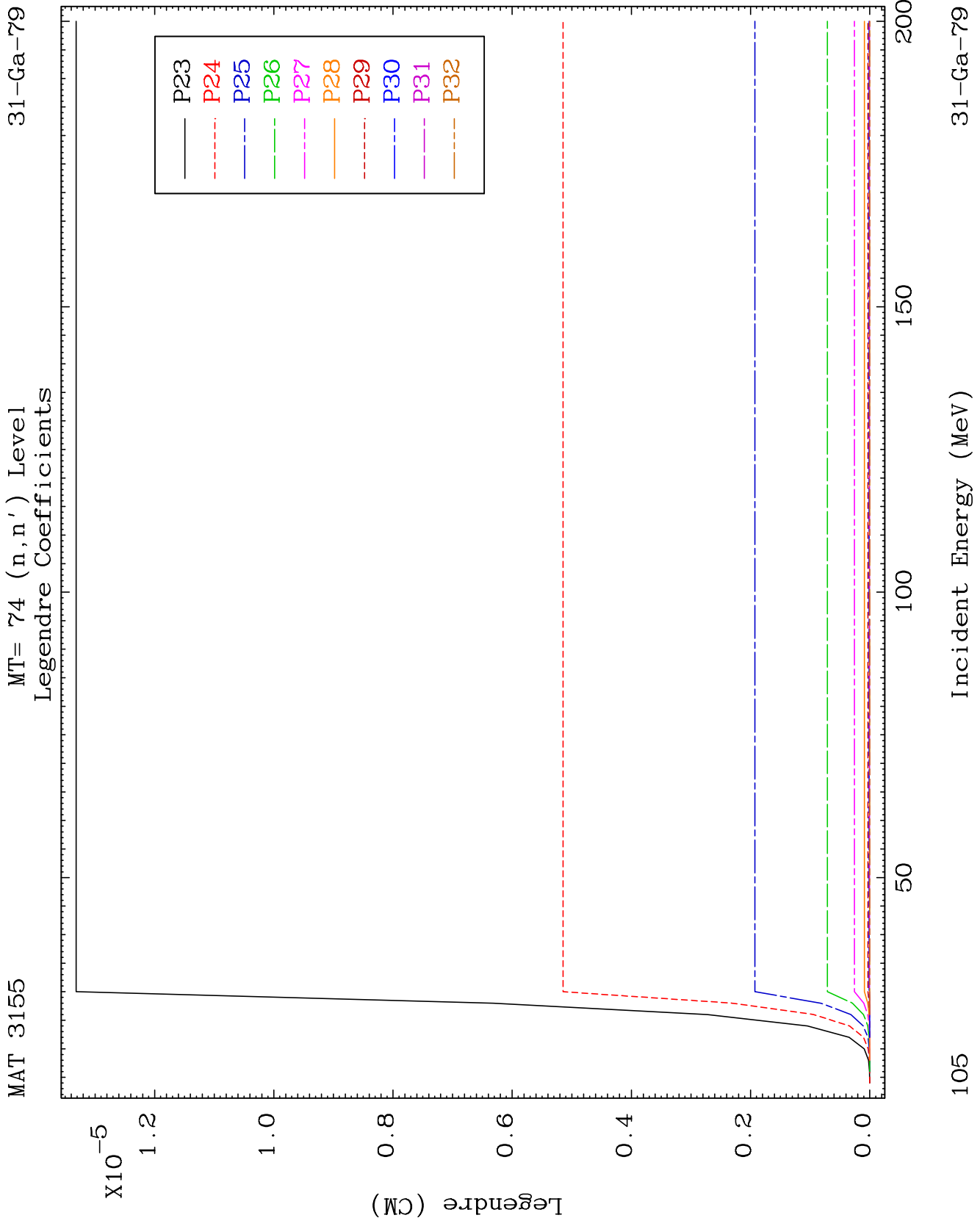
31-Ga-79



104

Incident Energy (MeV)

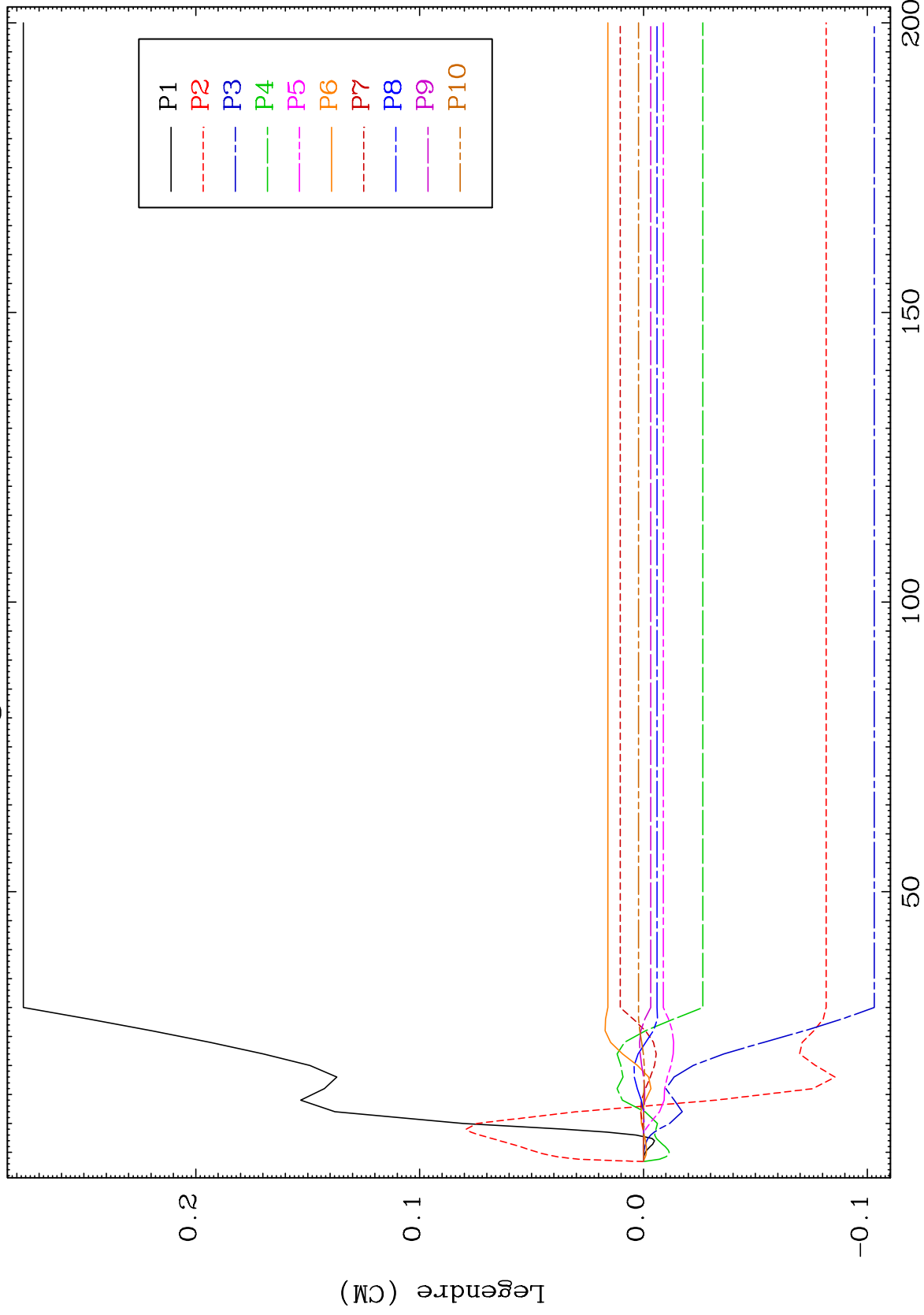
31-Ga-79



MAT 3155

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

31-Ga-79



106

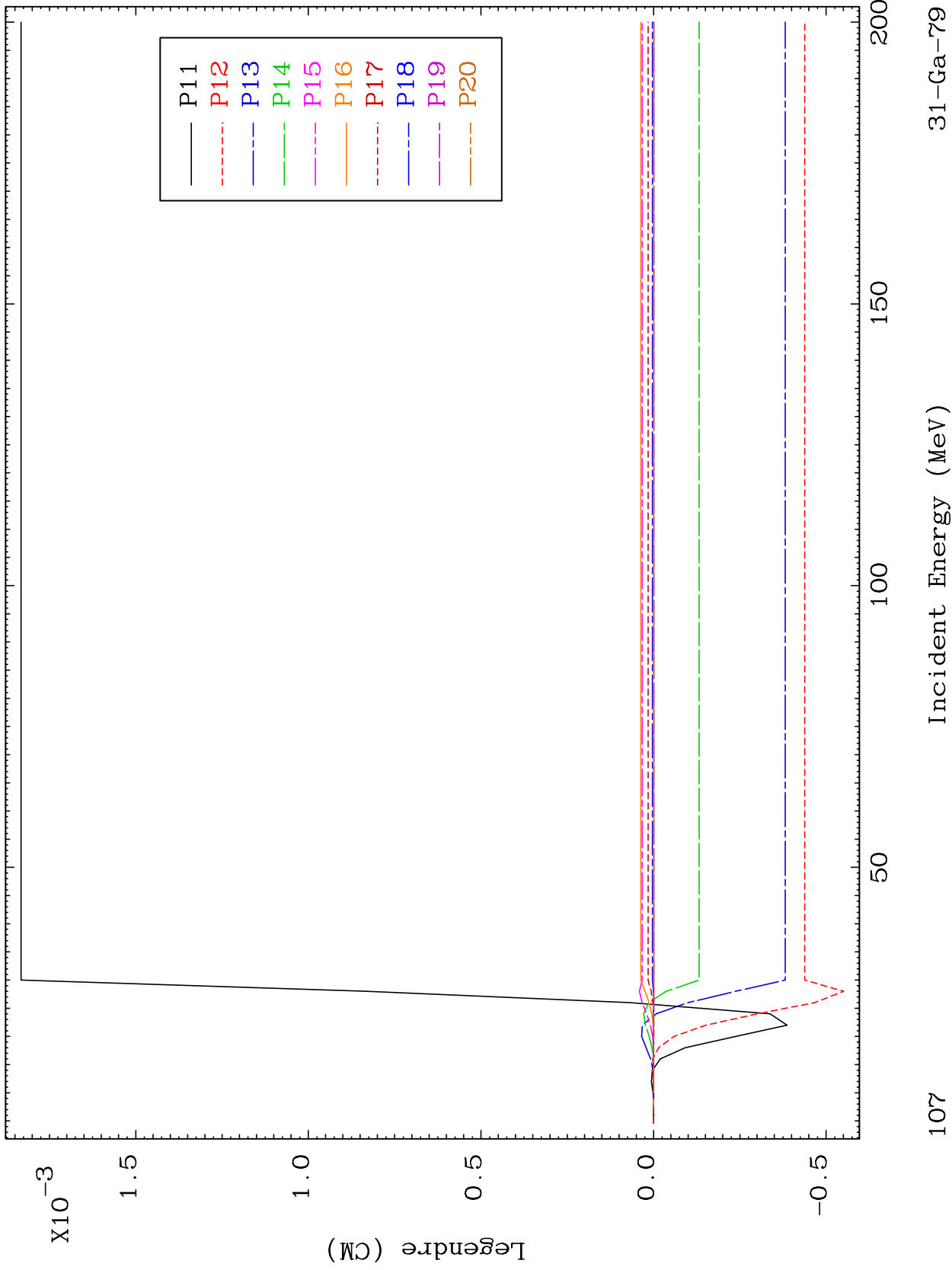
Incident Energy (MeV)

31-Ga-79

MAT 3155

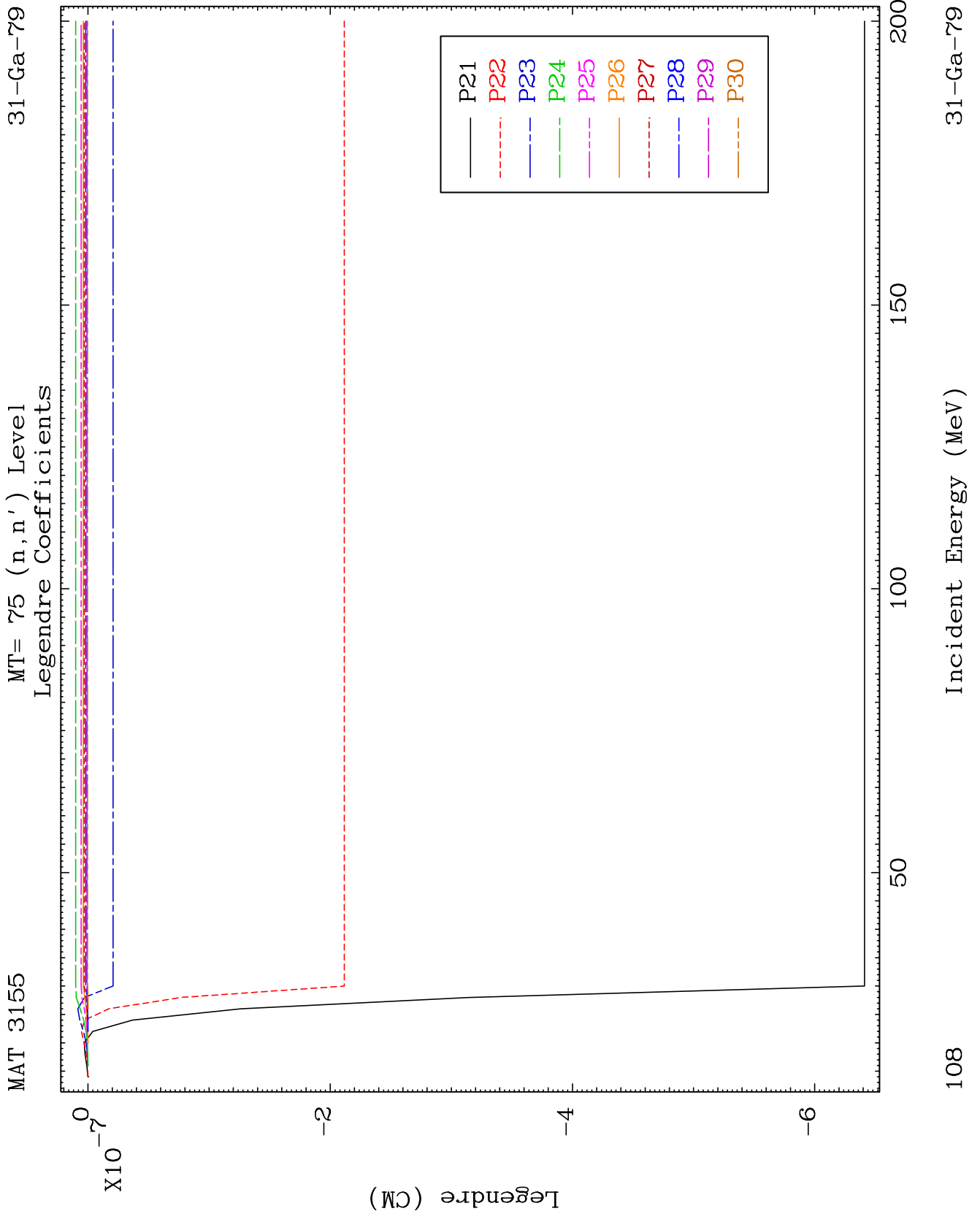
MT= 75 (n,n') Level  
Legendre Coefficients

31-Ga-79



107

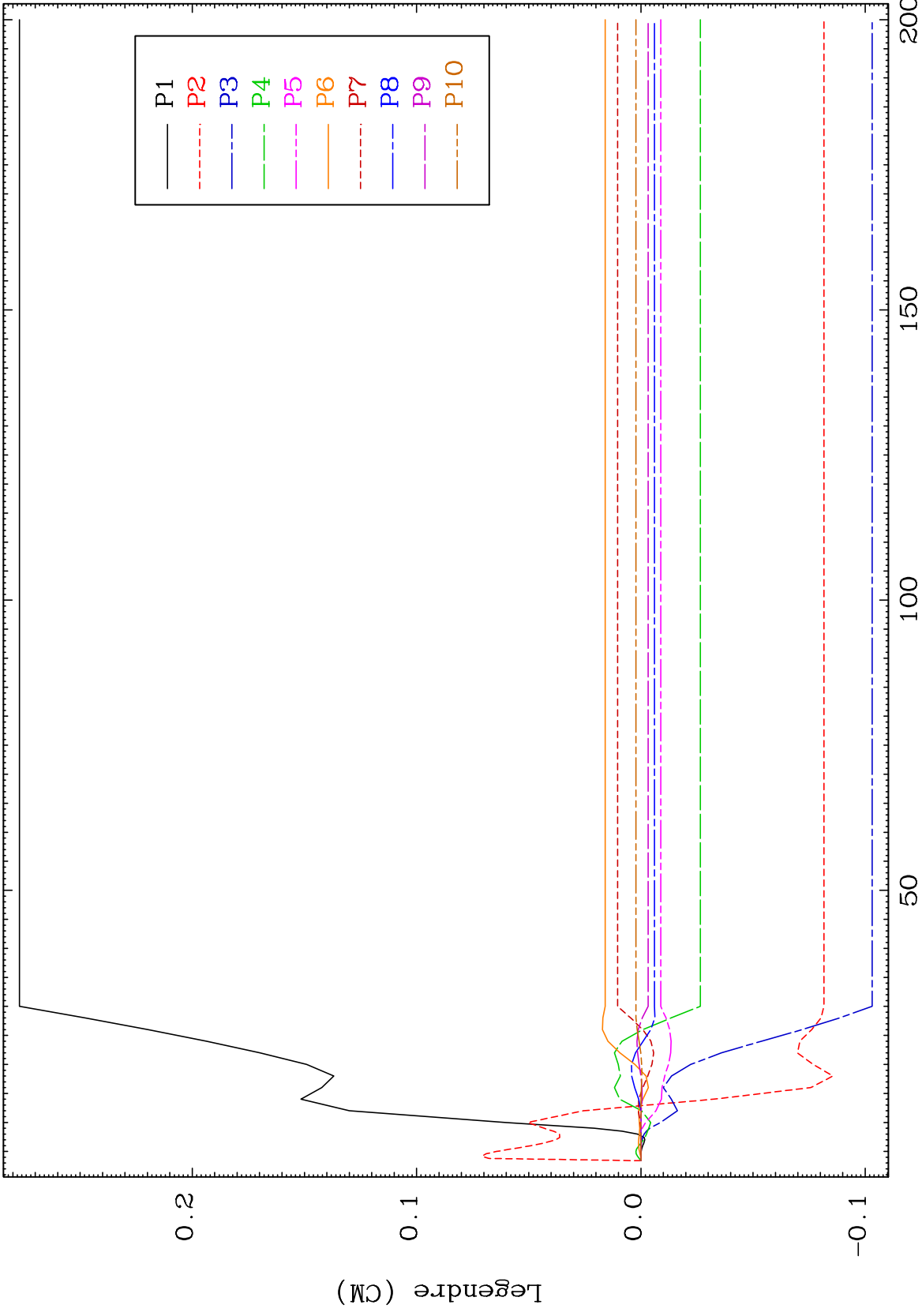
31-Ga-79



MAT 3155

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

31-Ga-79



109

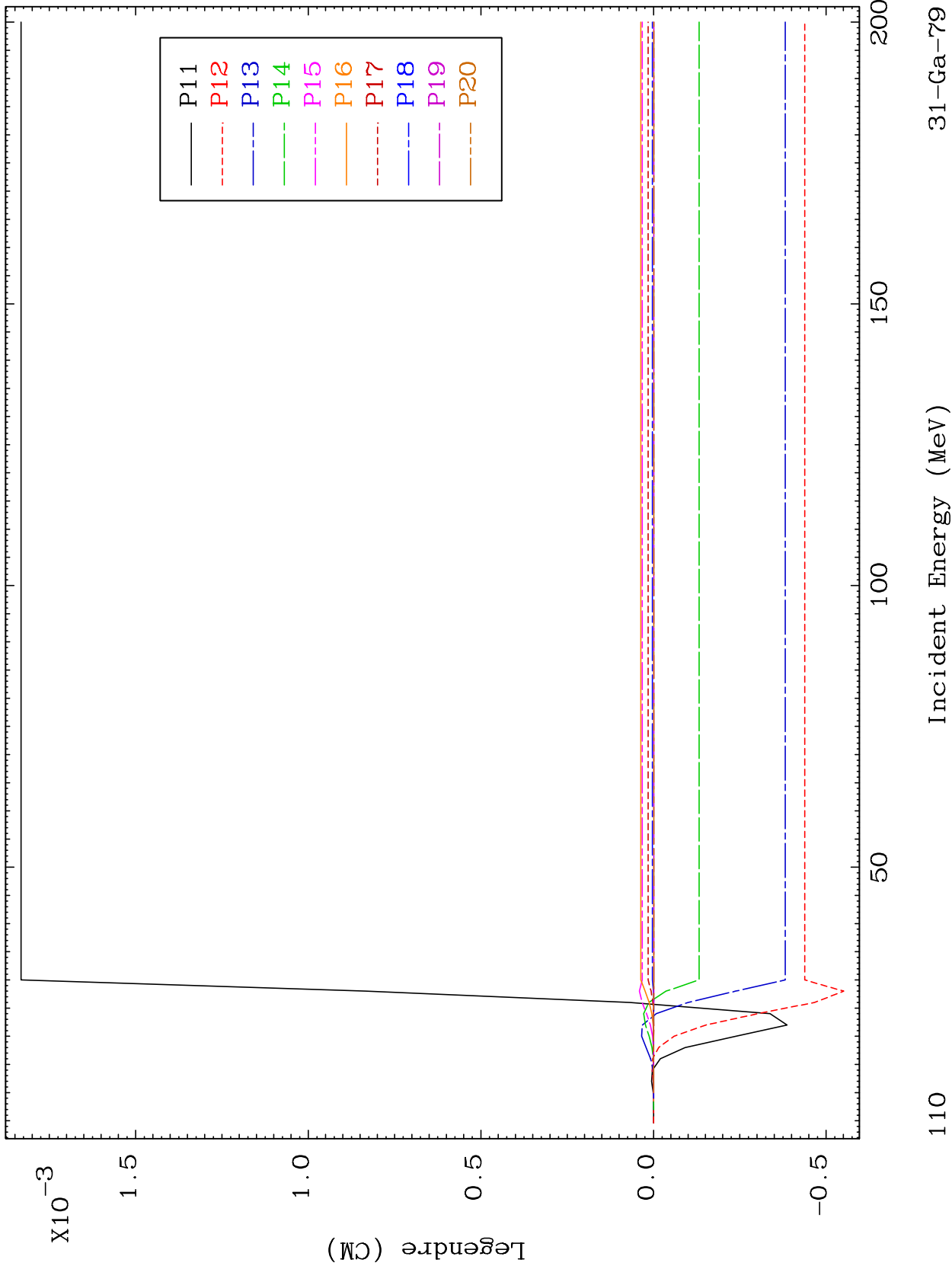
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

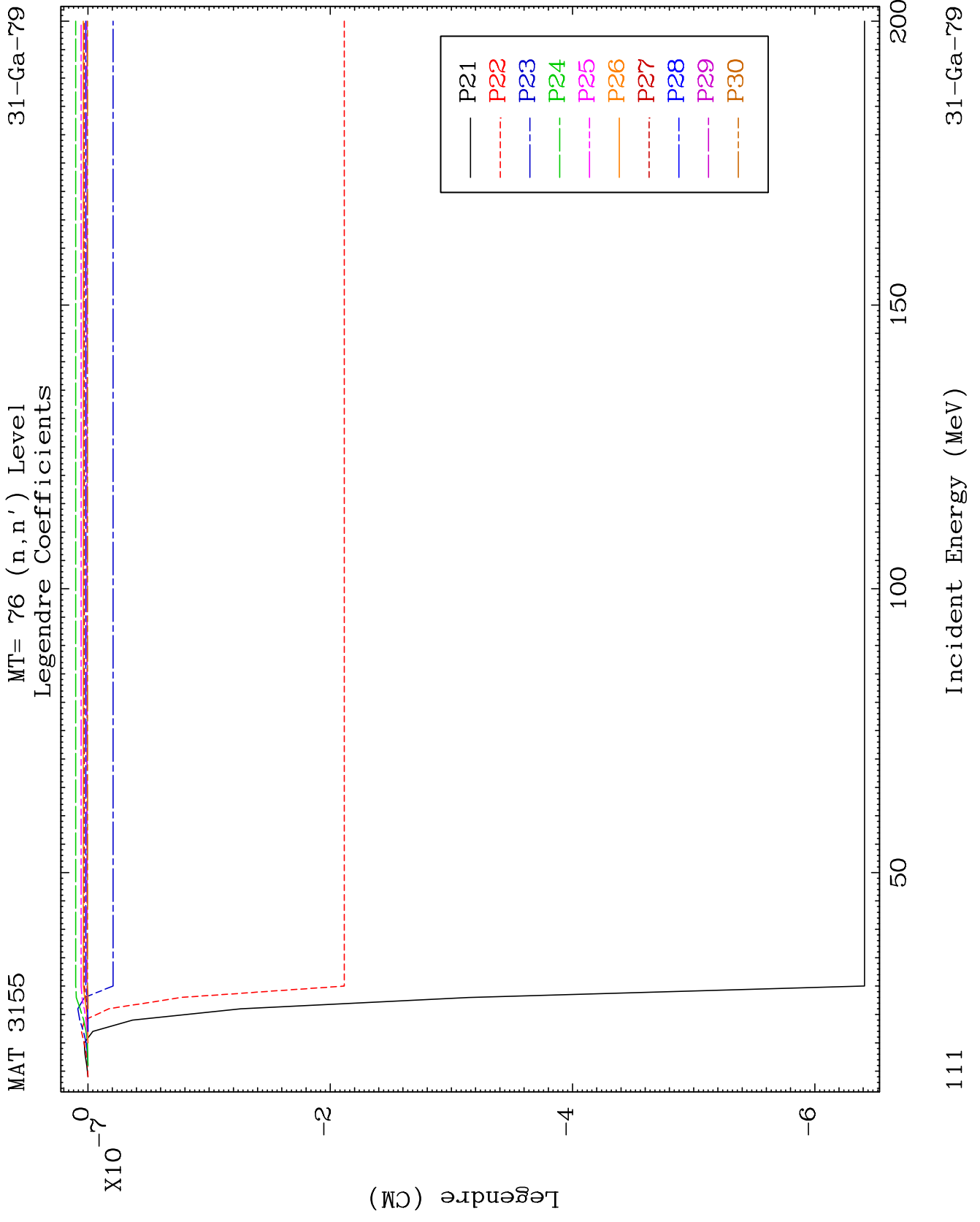
31-Ga-79



110

Incident Energy (MeV)

31-Ga-79

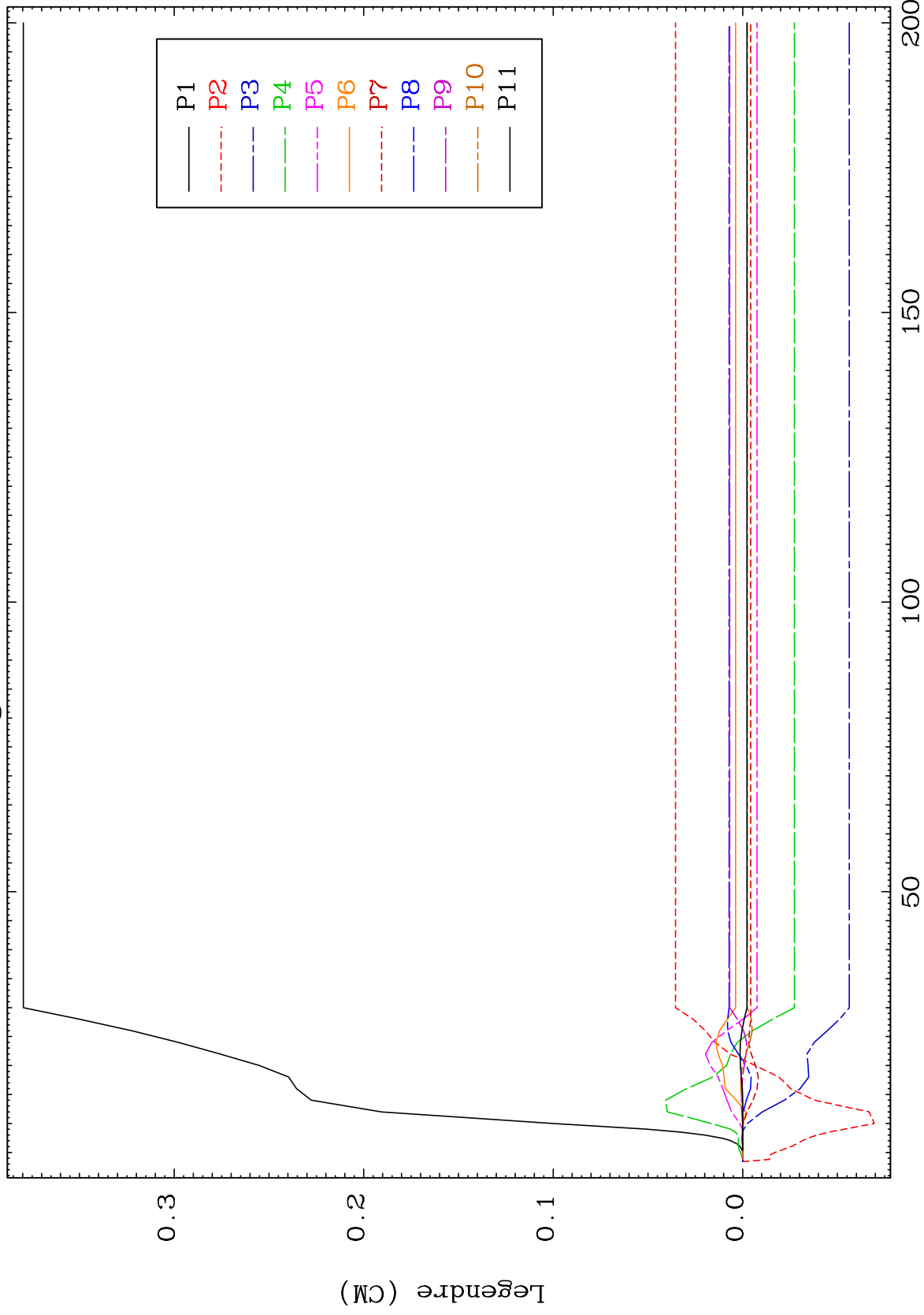




MAT 3155

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

31-Ga-79



112

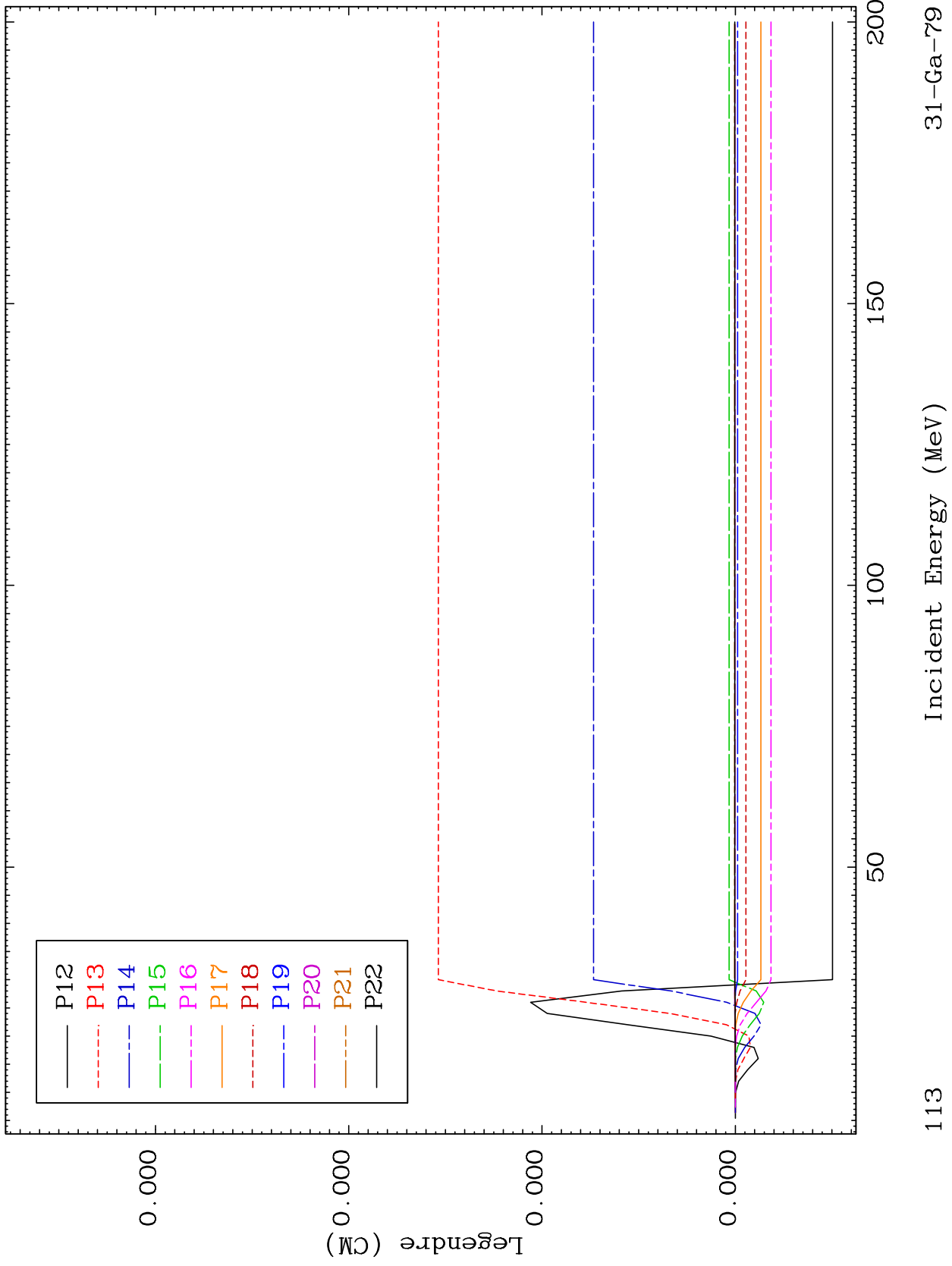
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



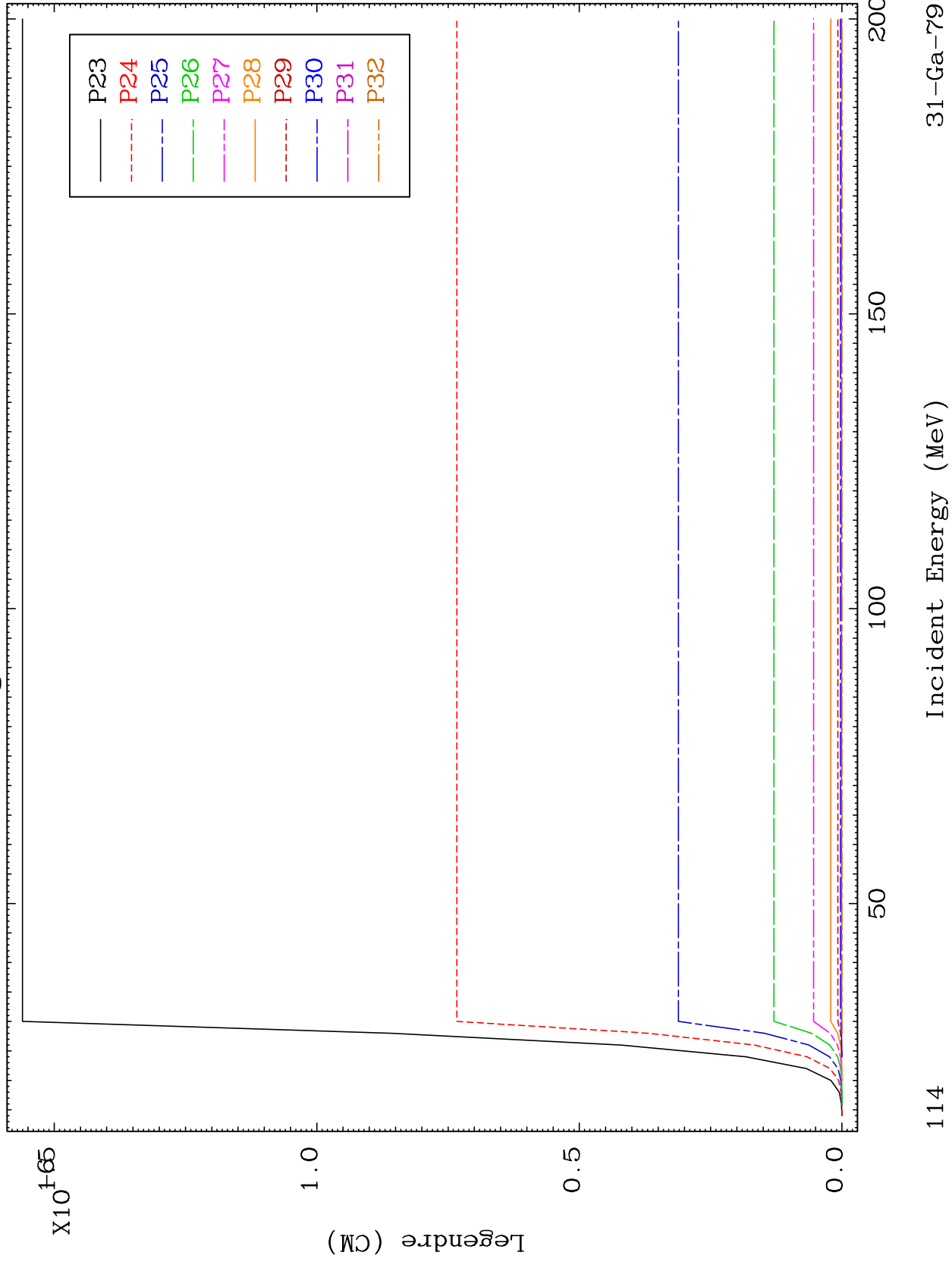
113

31-Ga-79

MAT 3155

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

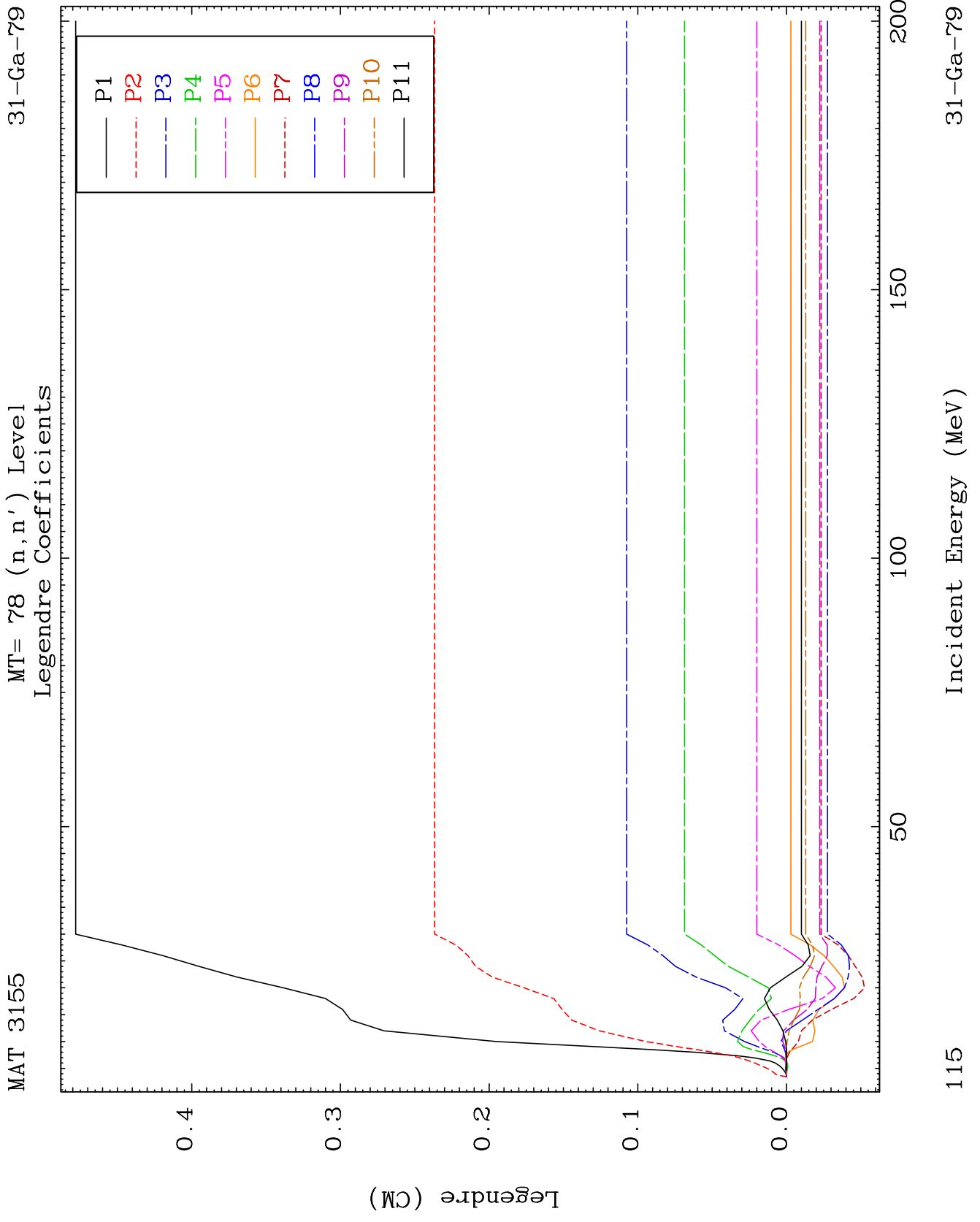
31-Ga-79

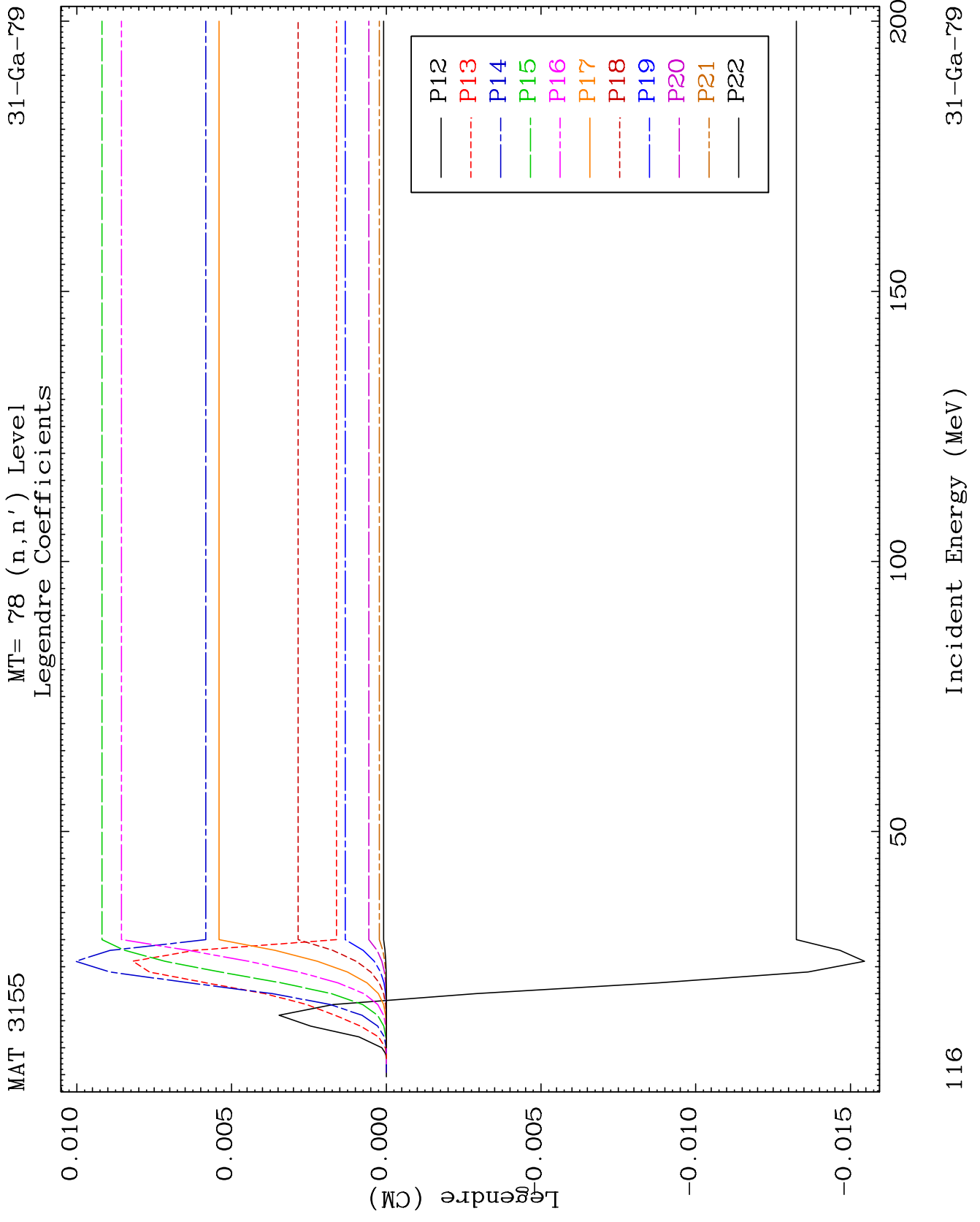


114

Incident Energy (MeV)

31-Ga-79

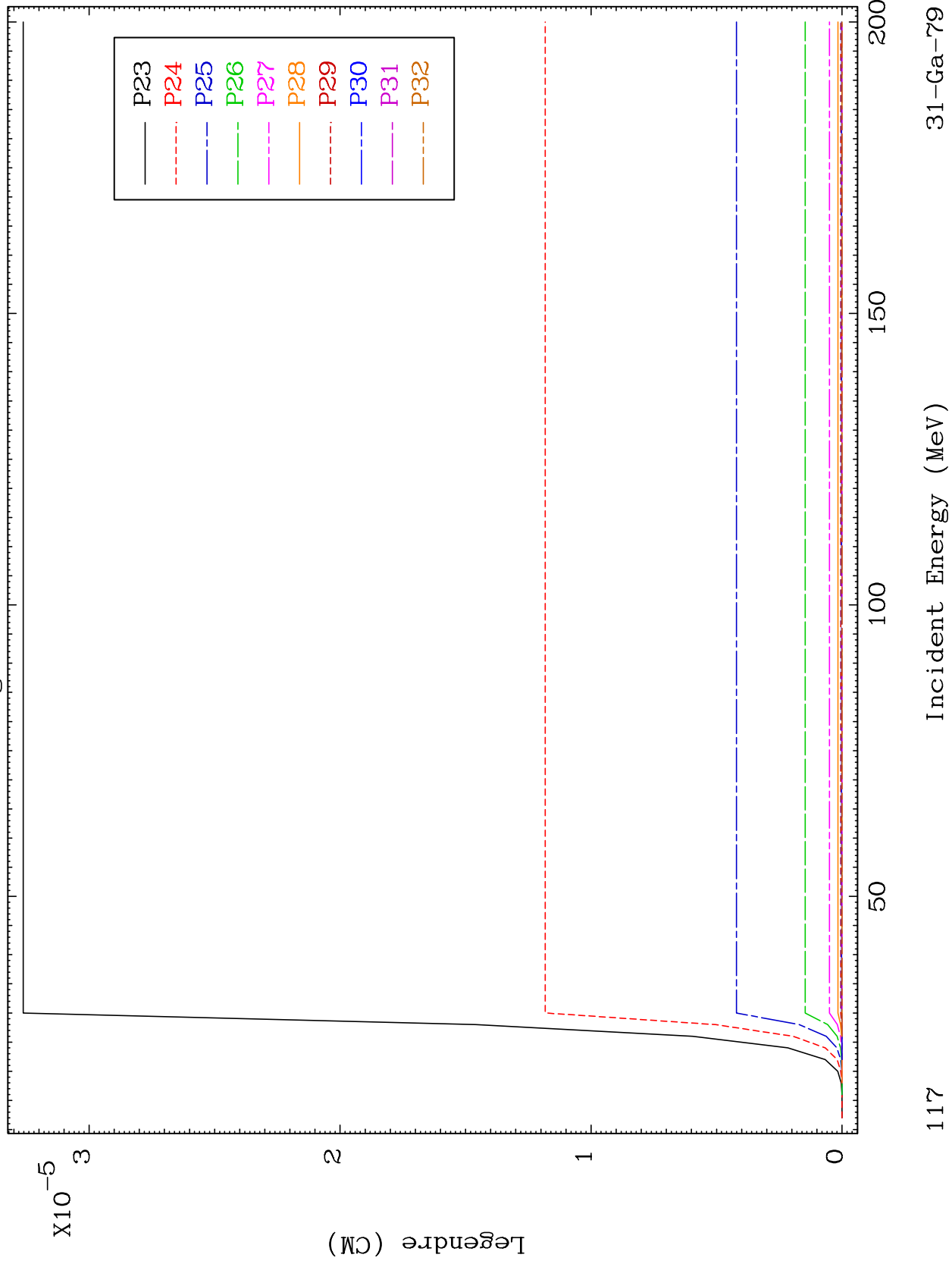




MAT 3155

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

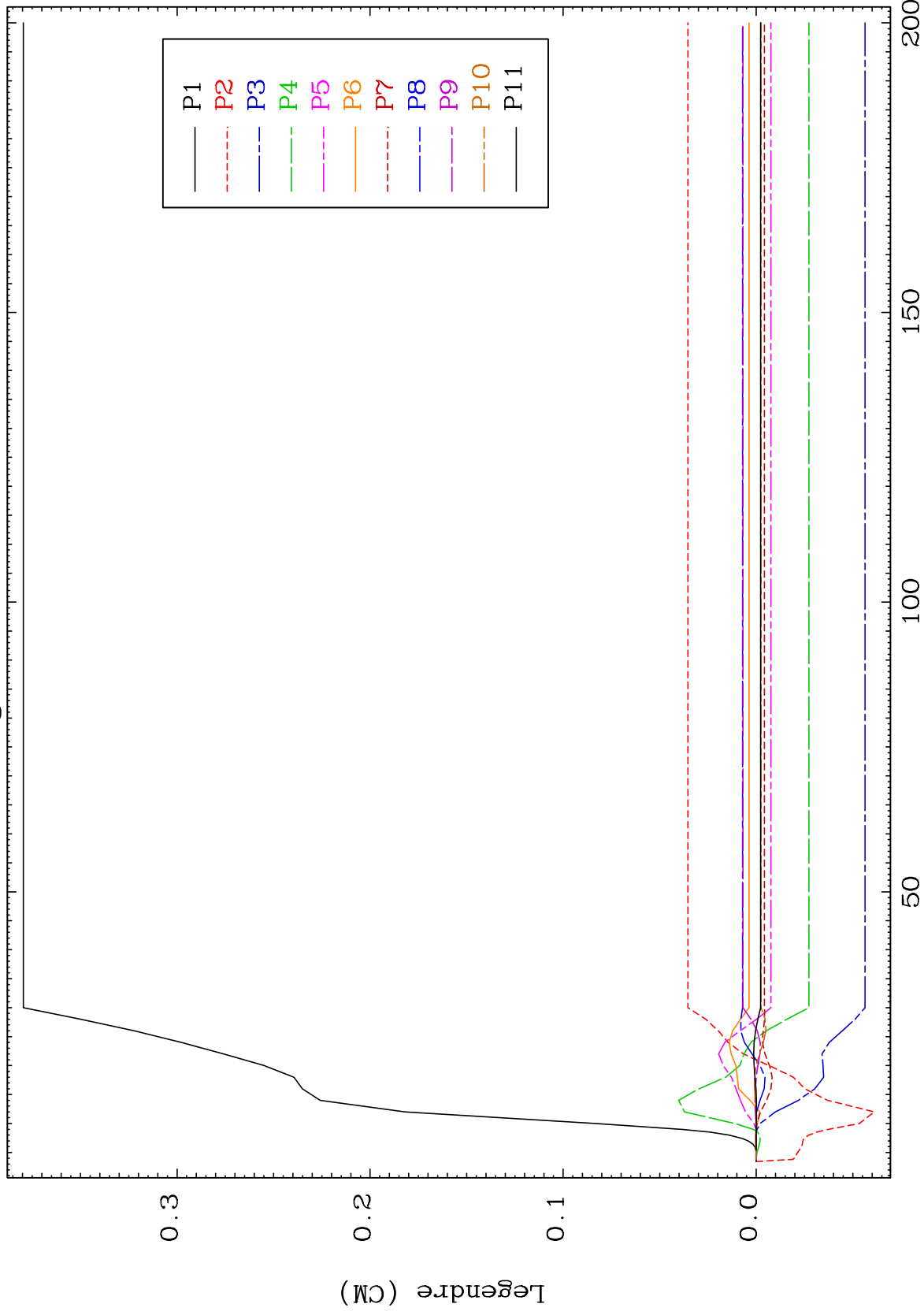
31-Ga-79



MAT 3155

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

31-Ga-79



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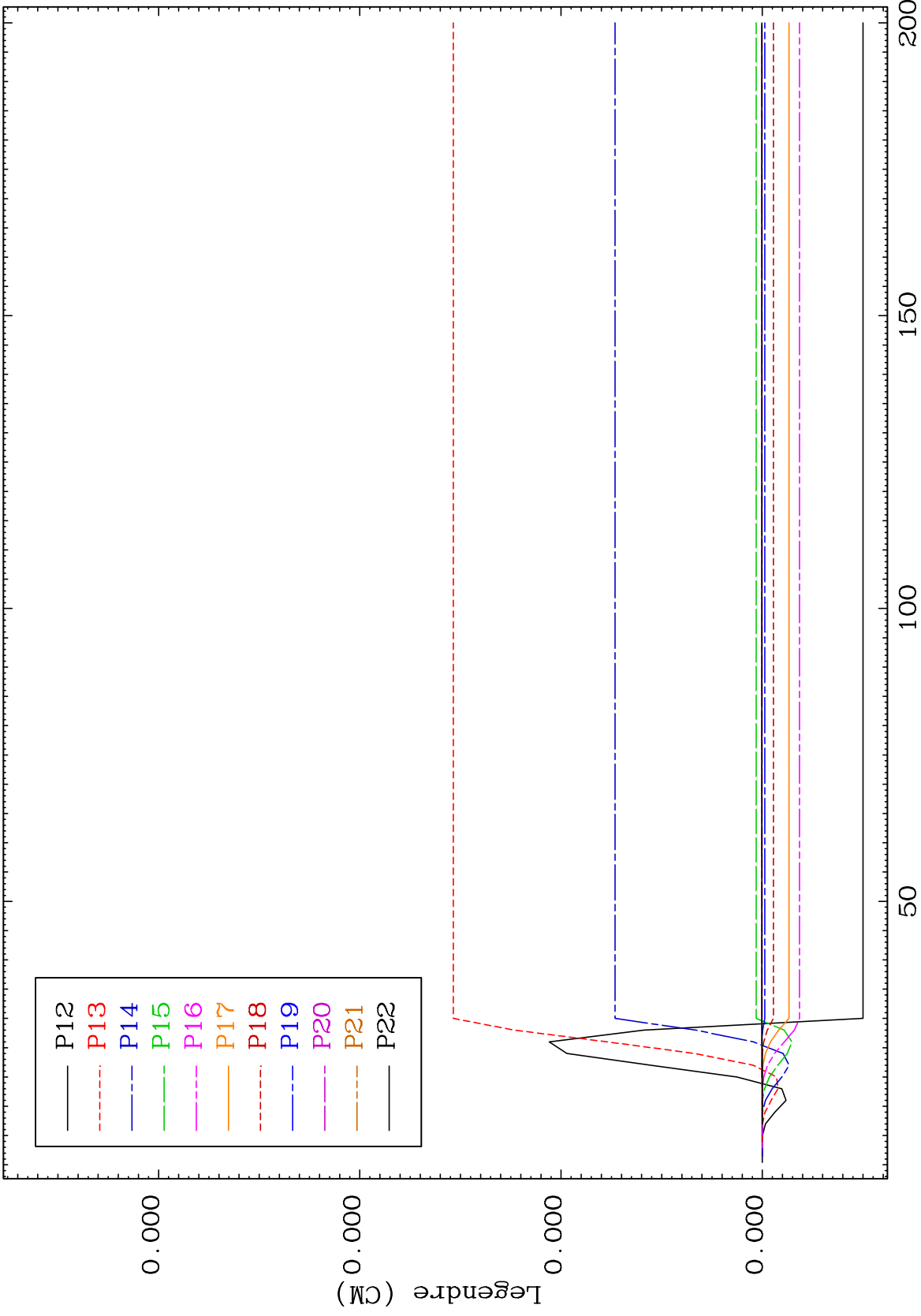
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79

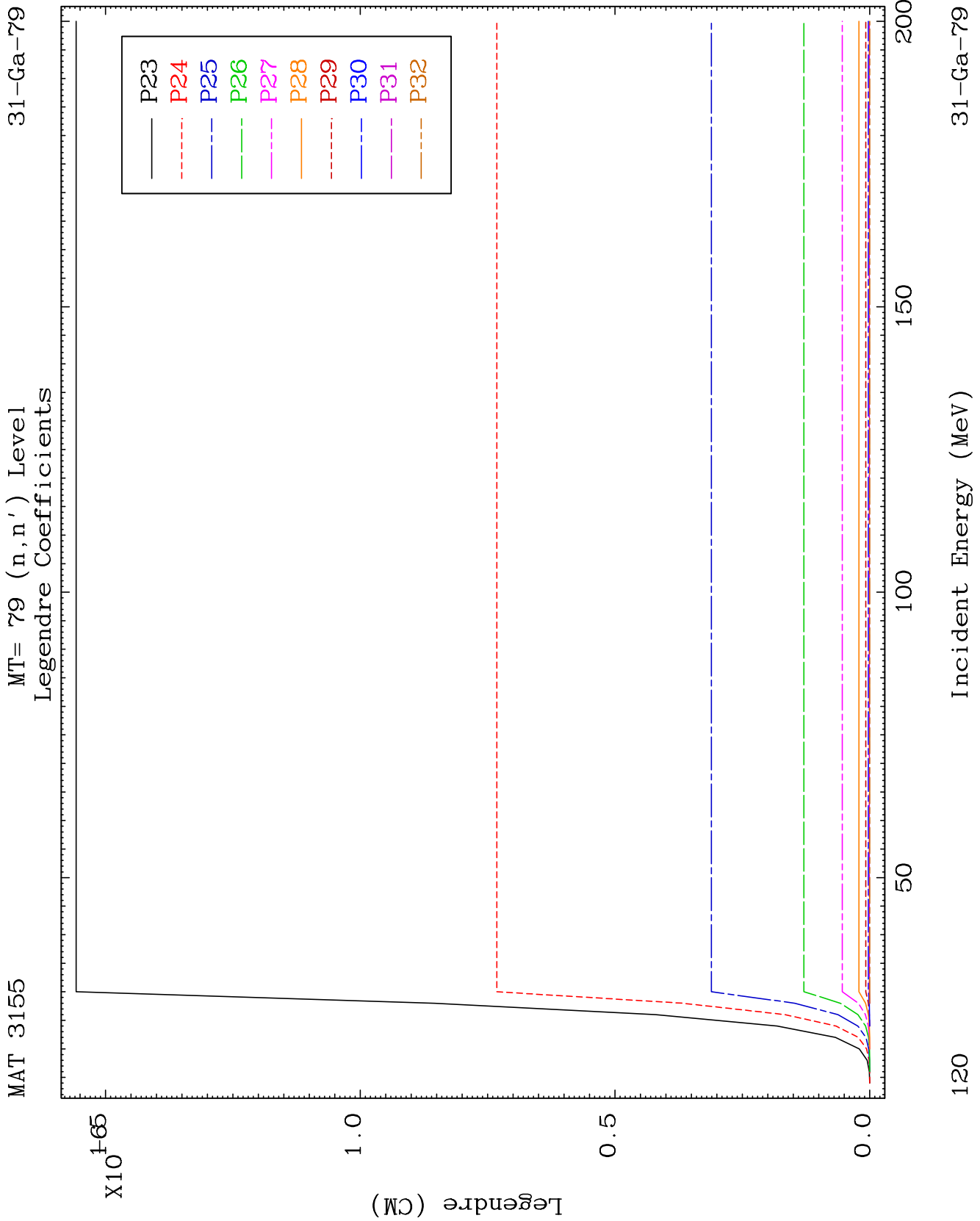


119

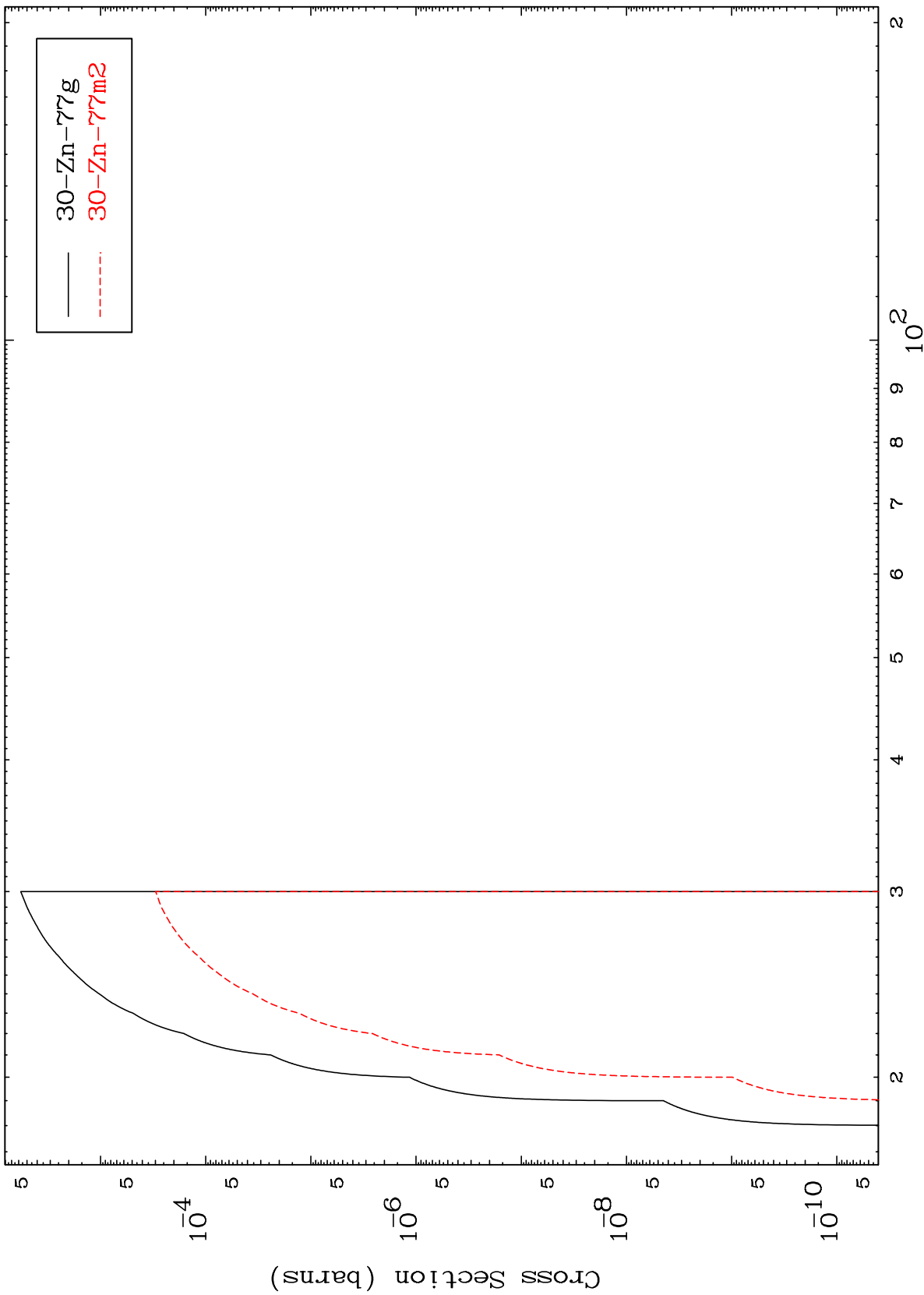
Incident Energy (MeV)

31-Ga-79





Radionuclide Production Cross Section

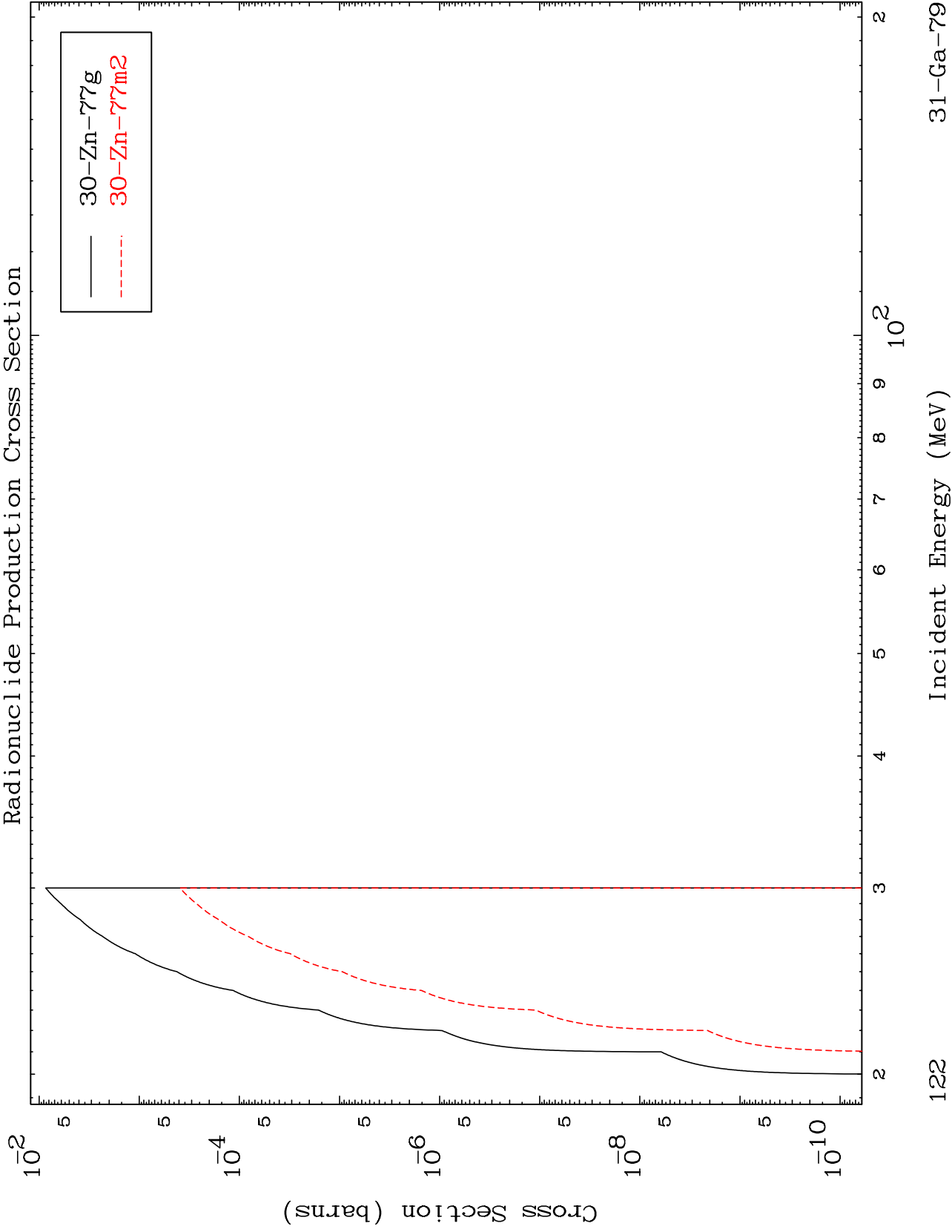


MAT 3155

(n,2n) p

31-Ga-79

Radionuclide Production Cross Section

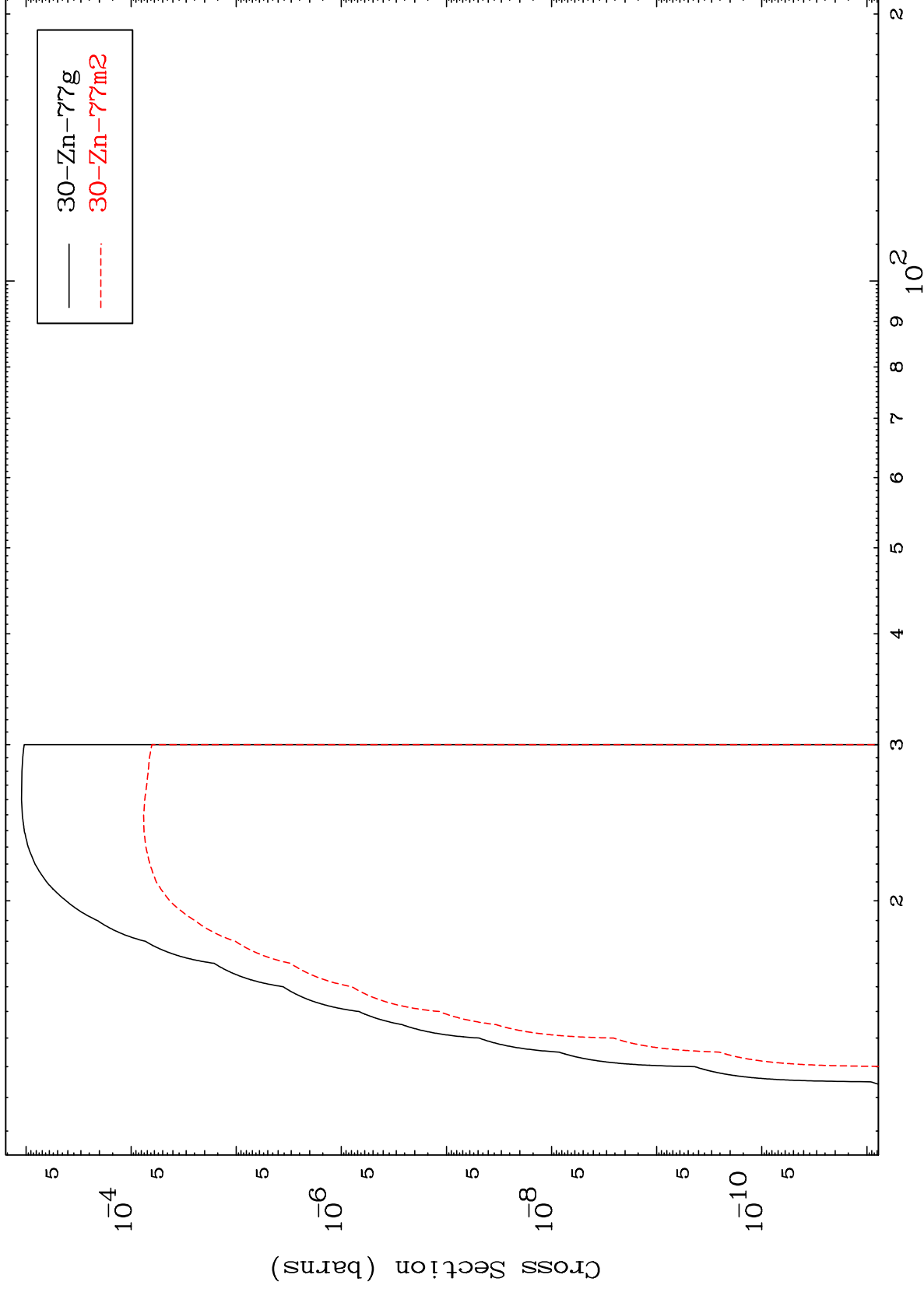


122

Incident Energy (MeV)

31-Ga-79

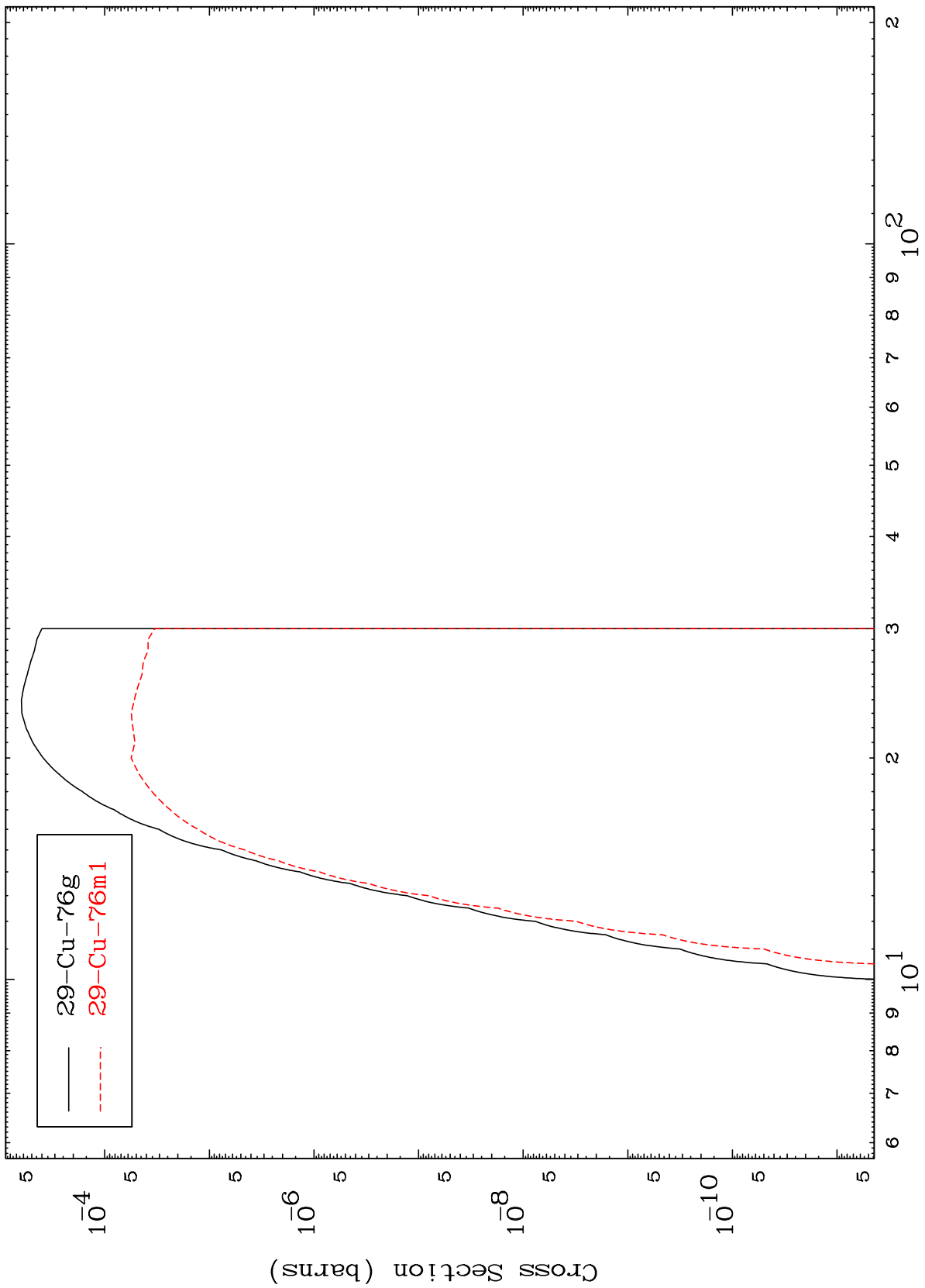
Radionuclide Production Cross Section



MAT 3155

31-Ga-79

Radionuclide Production Cross Section  
(n,  $\alpha$ )



124

Incident Energy (MeV)

31-Ga-79