

Program EVALPLOT  
(Version 2021-1)

by

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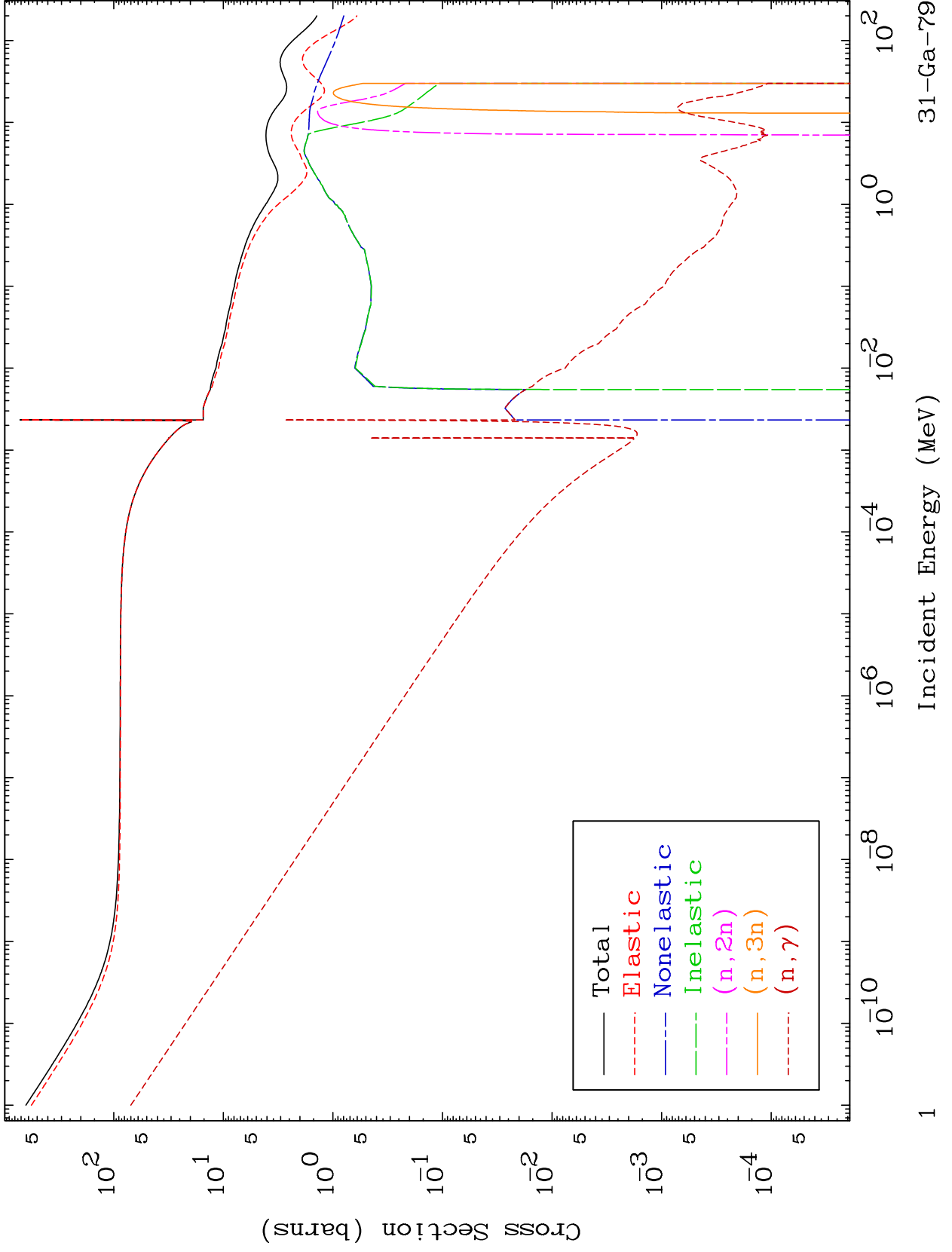
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Press Mouse Button to Start

MAT 3155

Neutron Major  
293 Kelvin Cross Sections

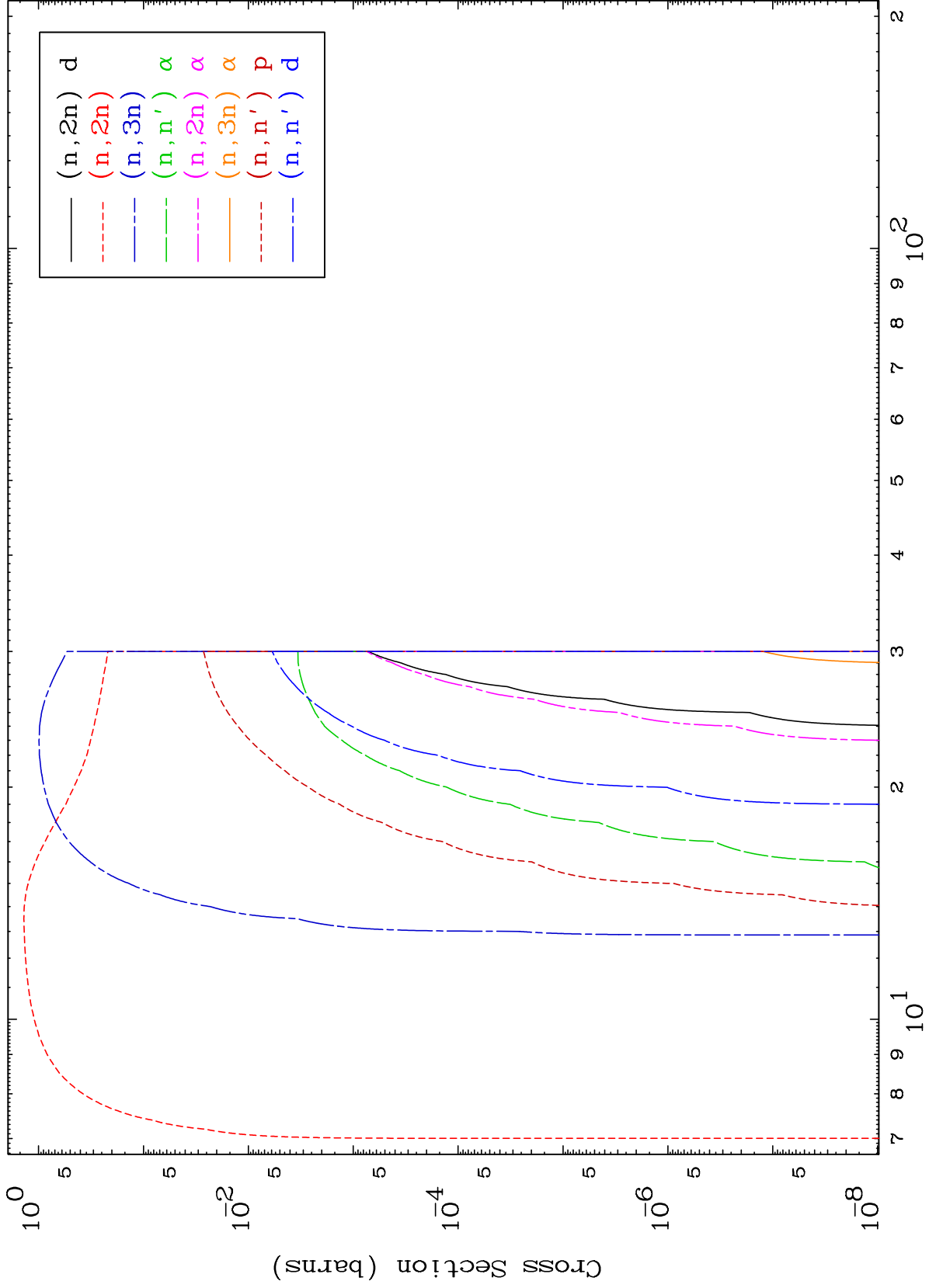
31-Ga-79



MAT 3155

Neutron Absorption  
293 Kelvin Cross Sections

31-Ga-79



2

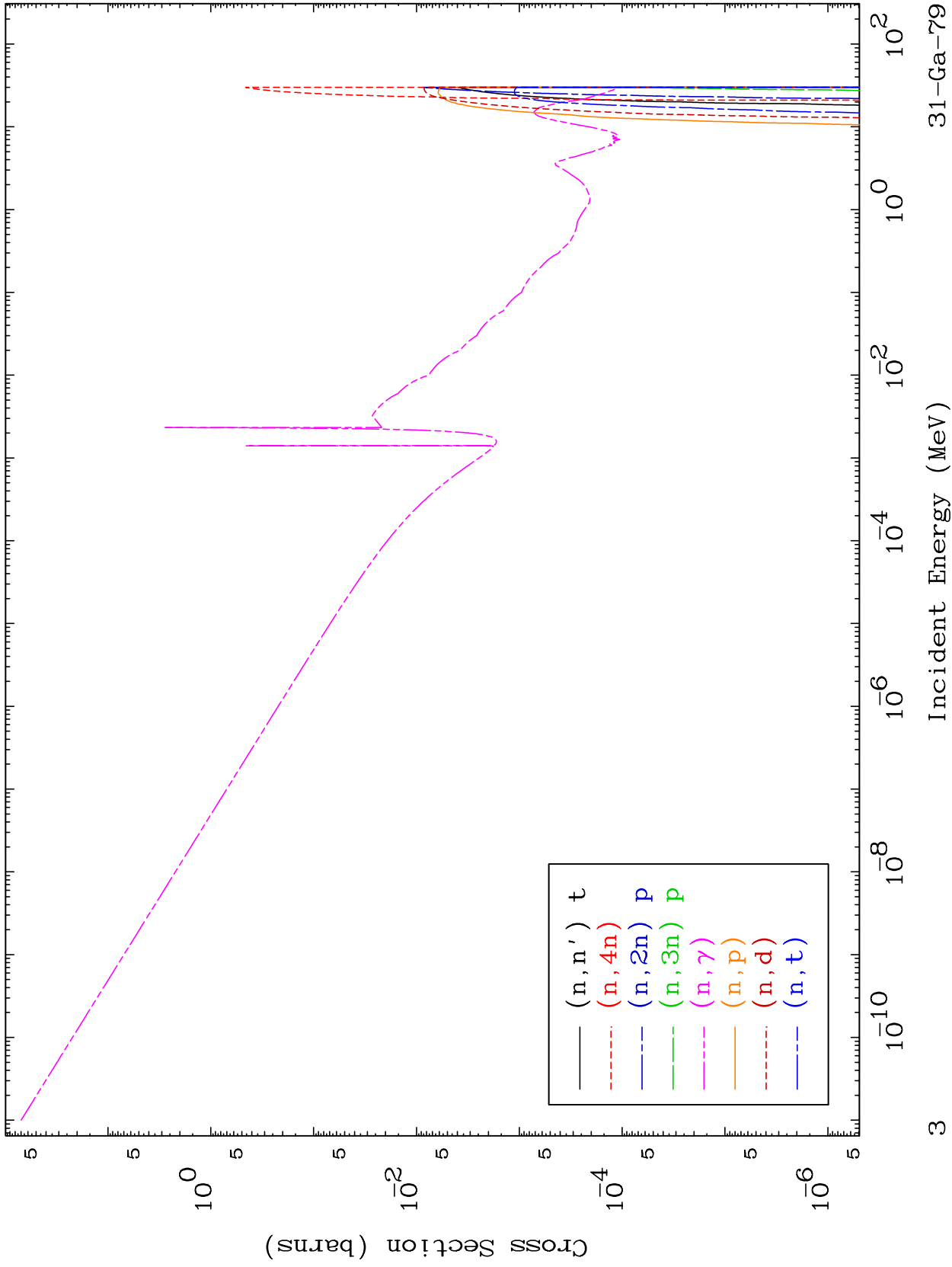
Incident Energy (MeV)

31-Ga-79

MAT 3155

Neutron Absorption  
293 Kelvin Cross Sections

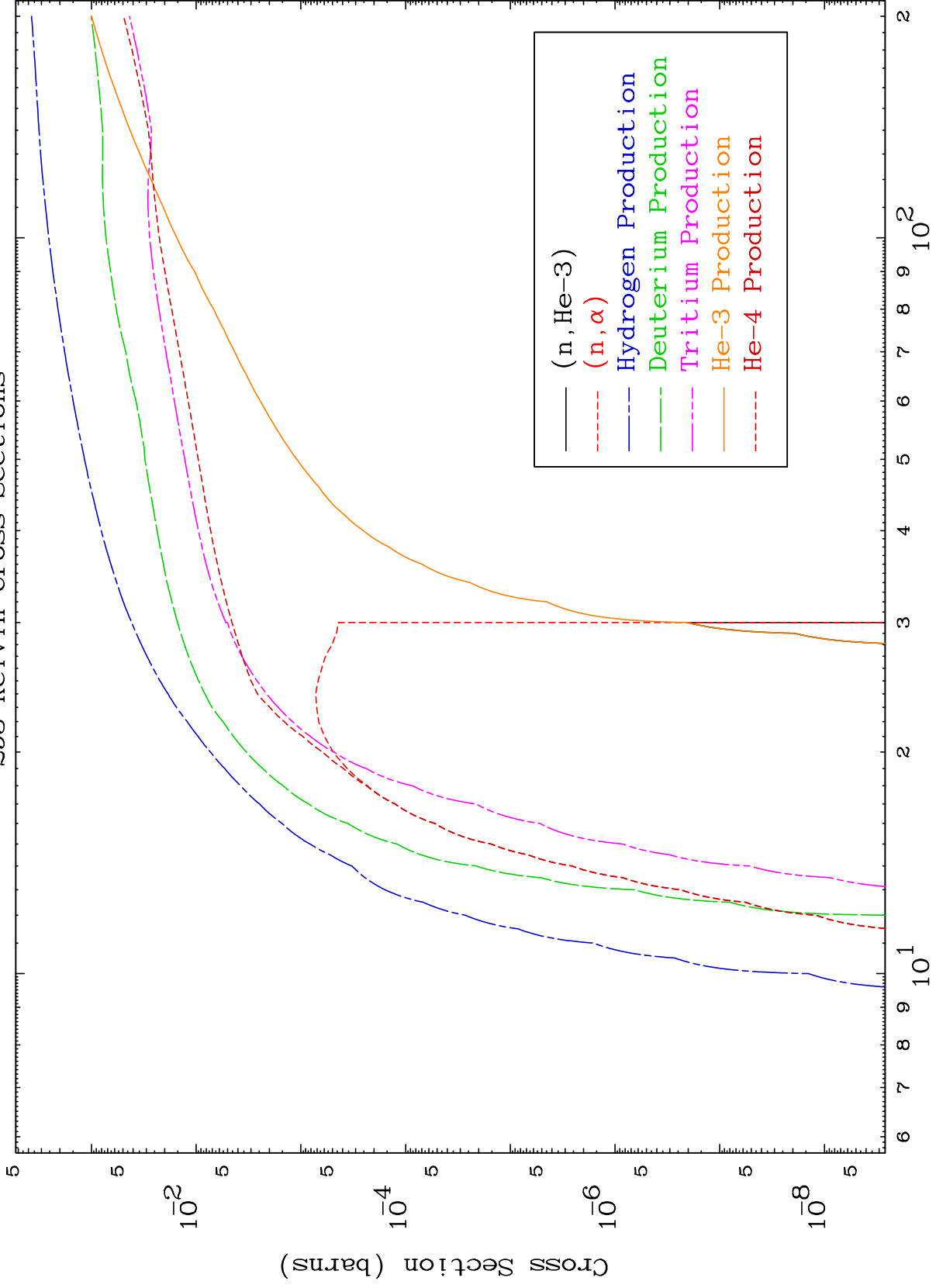
31-Ga-79

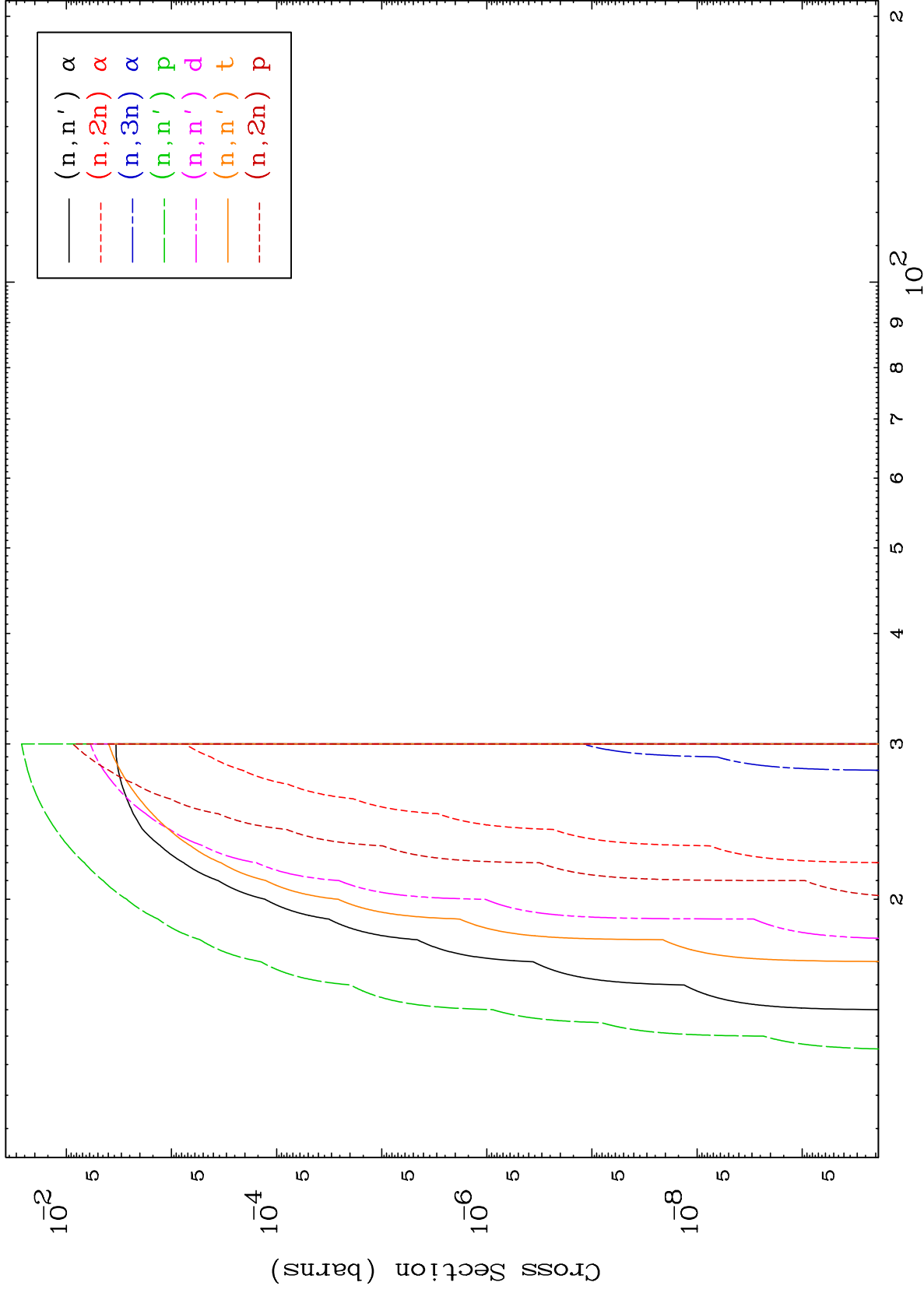


MAT 3155

Neutron Absorption  
293 Kelvin Cross Sections

31-Ga-79

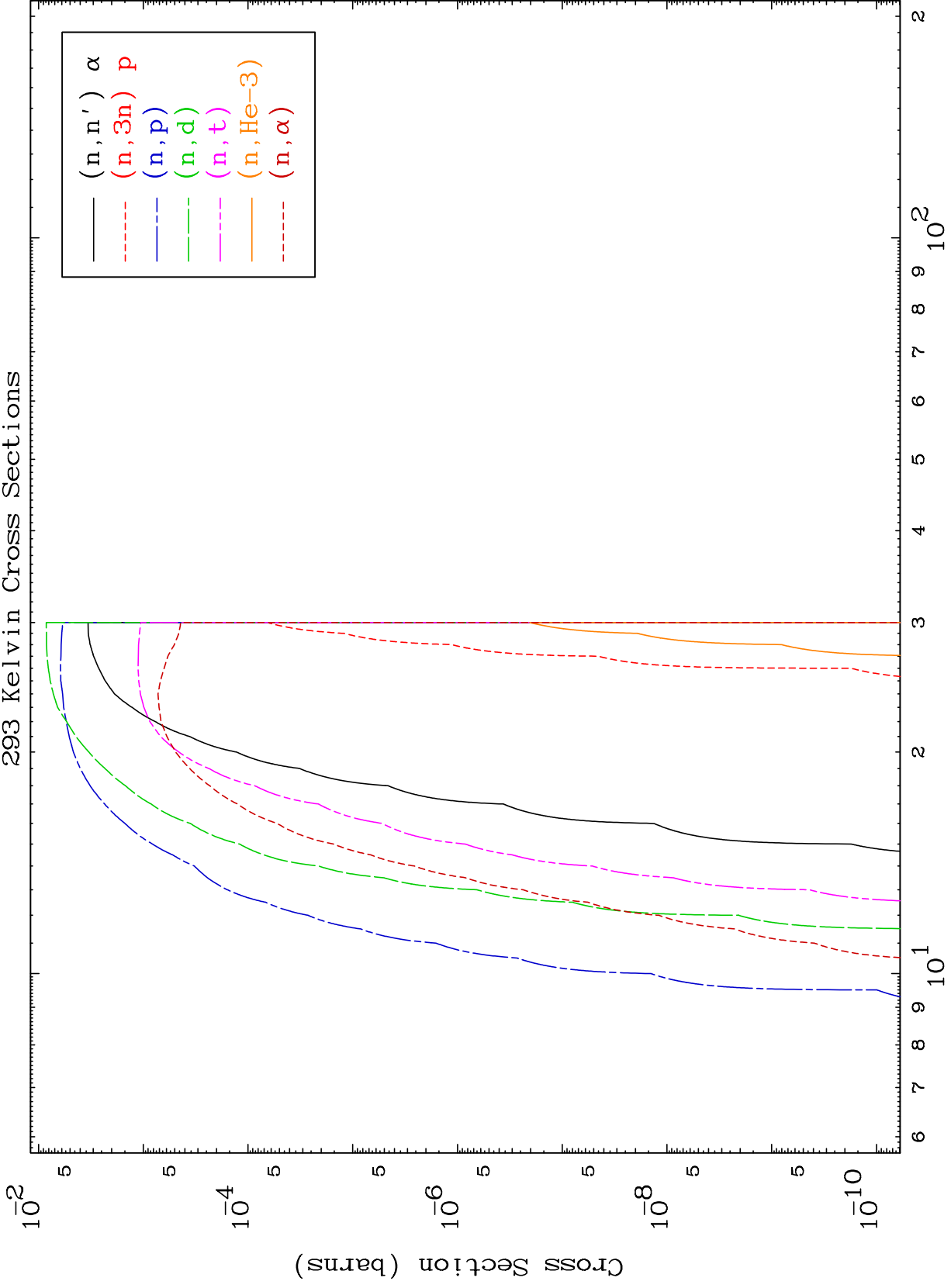




MAT 3155

Charged Particle  
293 Kelvin Cross Sections

31-Ga-79



6

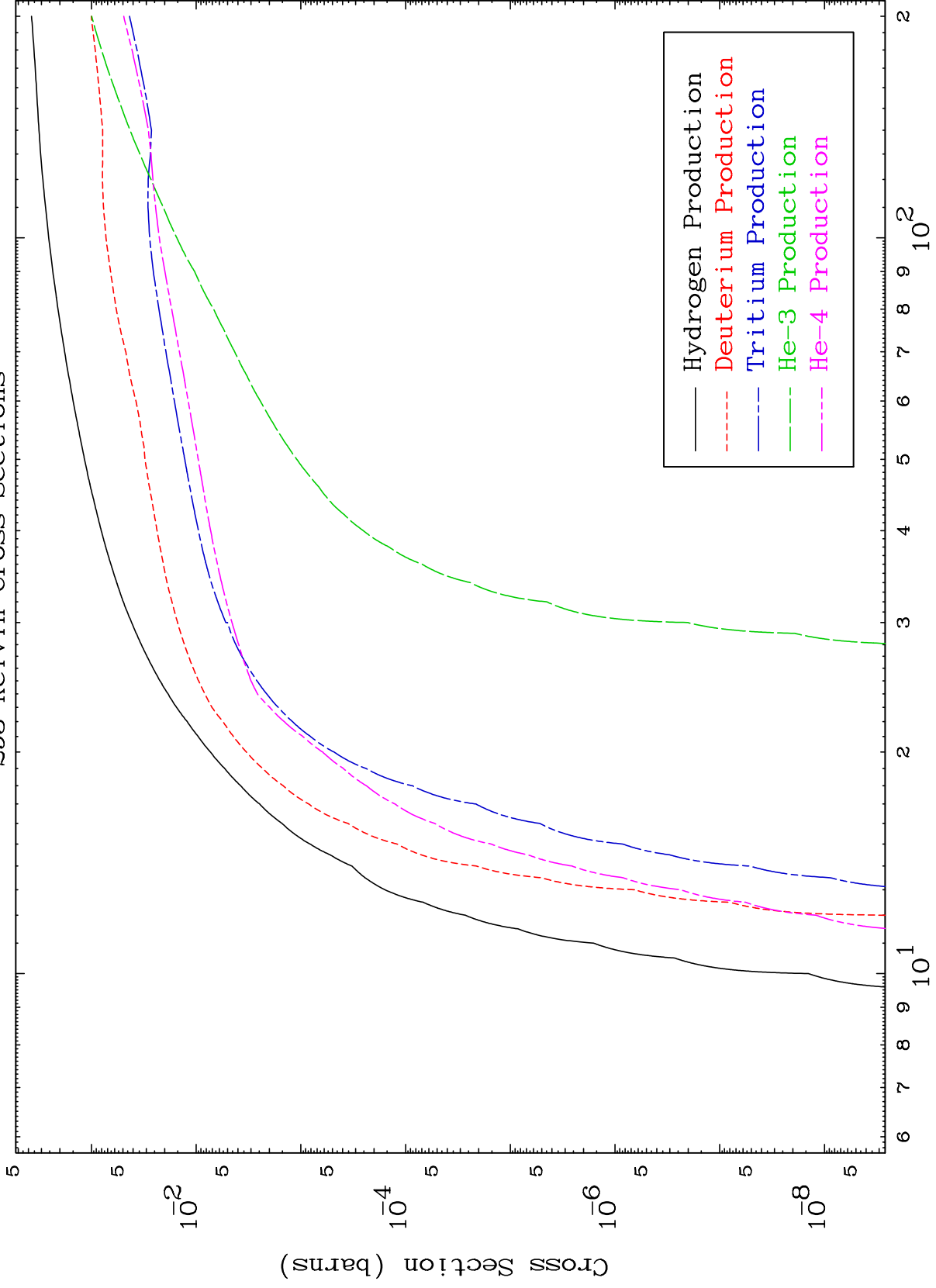
Incident Energy (MeV)

31-Ga-79

MAT 3155

Particle Production  
293 Kelvin Cross Sections

31-Ga-79



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Incident Energy (MeV)

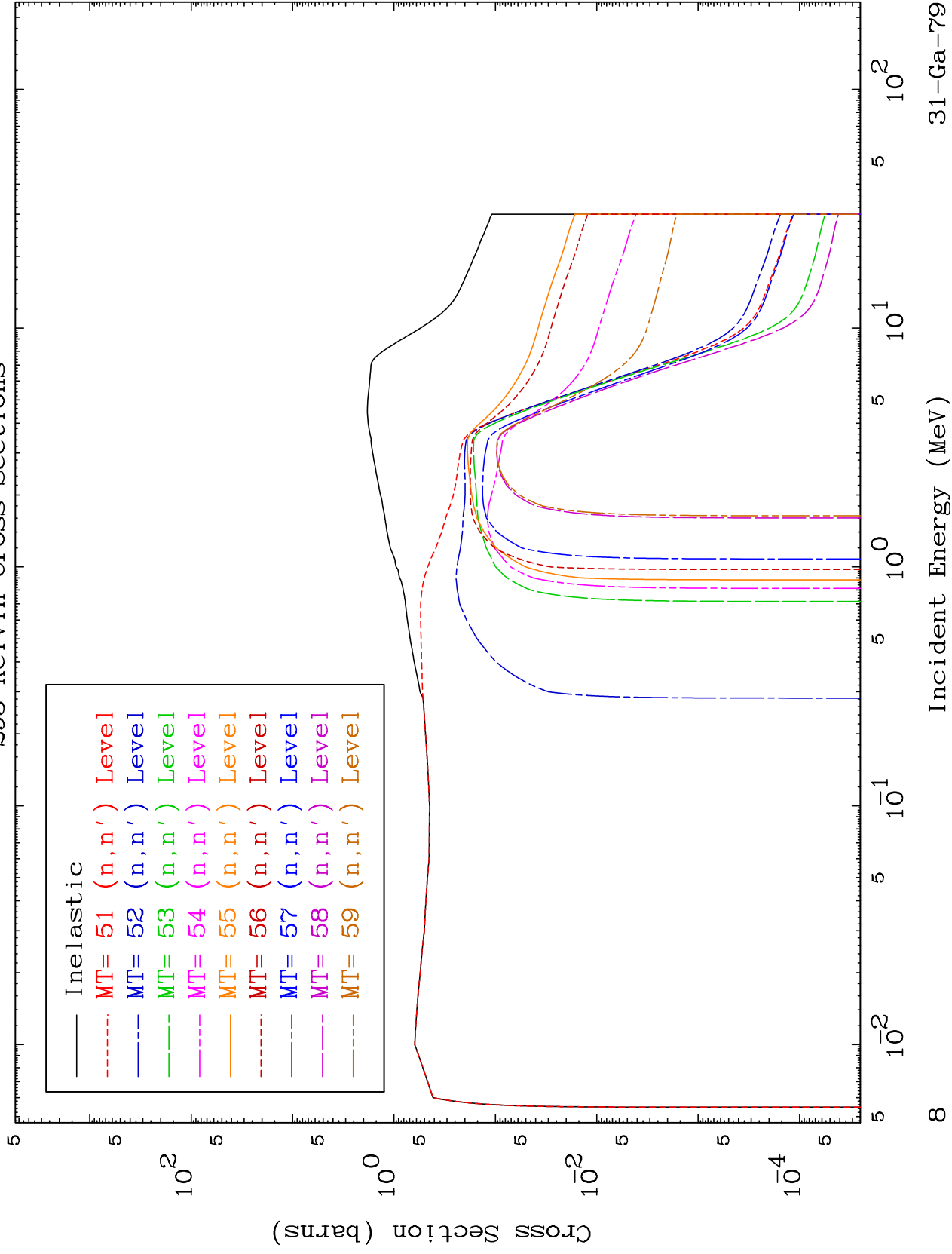
31-Ga-79



MAT 3155

(n,n') Levels  
293 Kelvin Cross Sections

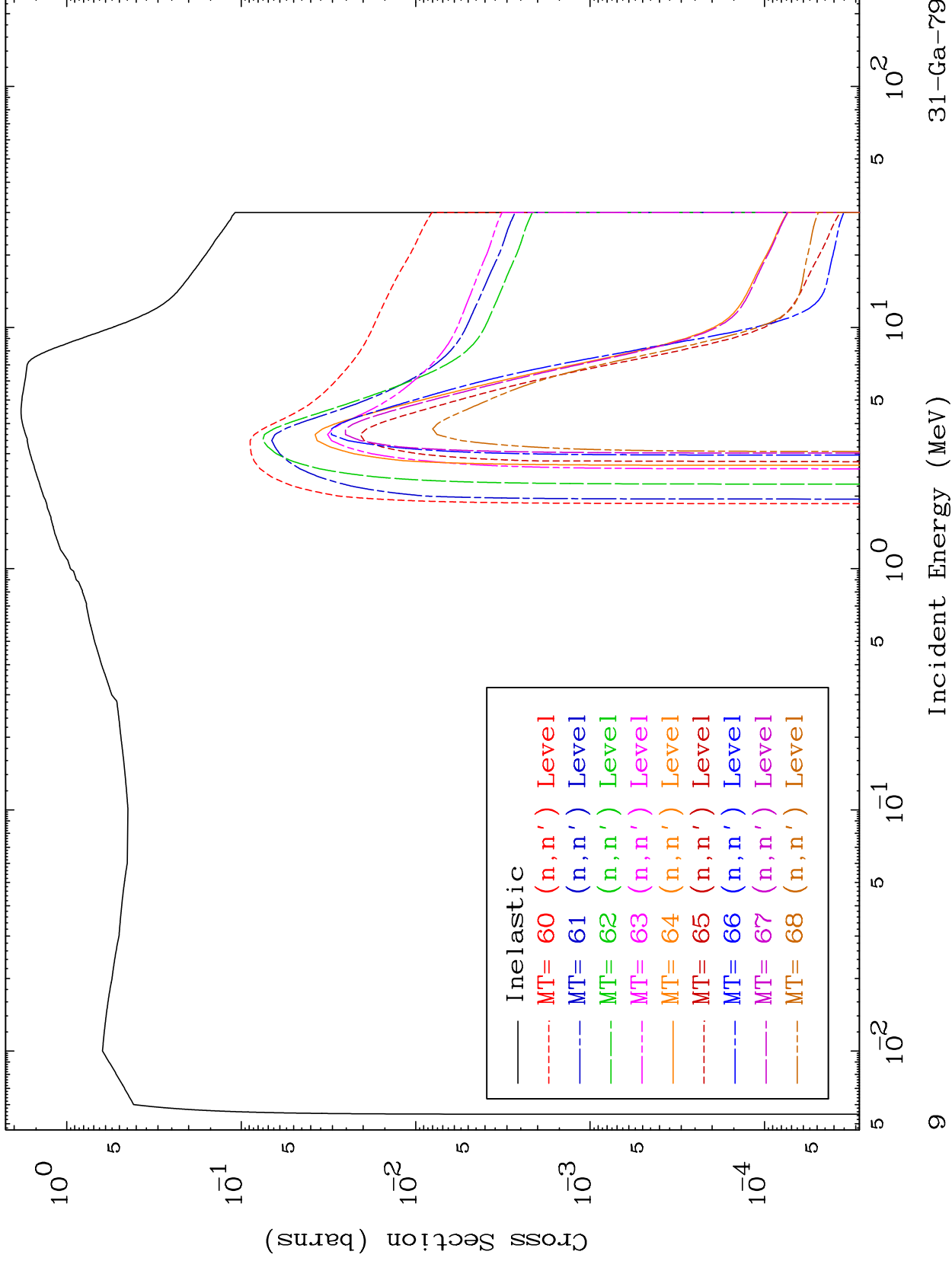
31-Ga-79



MAT 3155

(n,n') Levels  
293 Kelvin Cross Sections

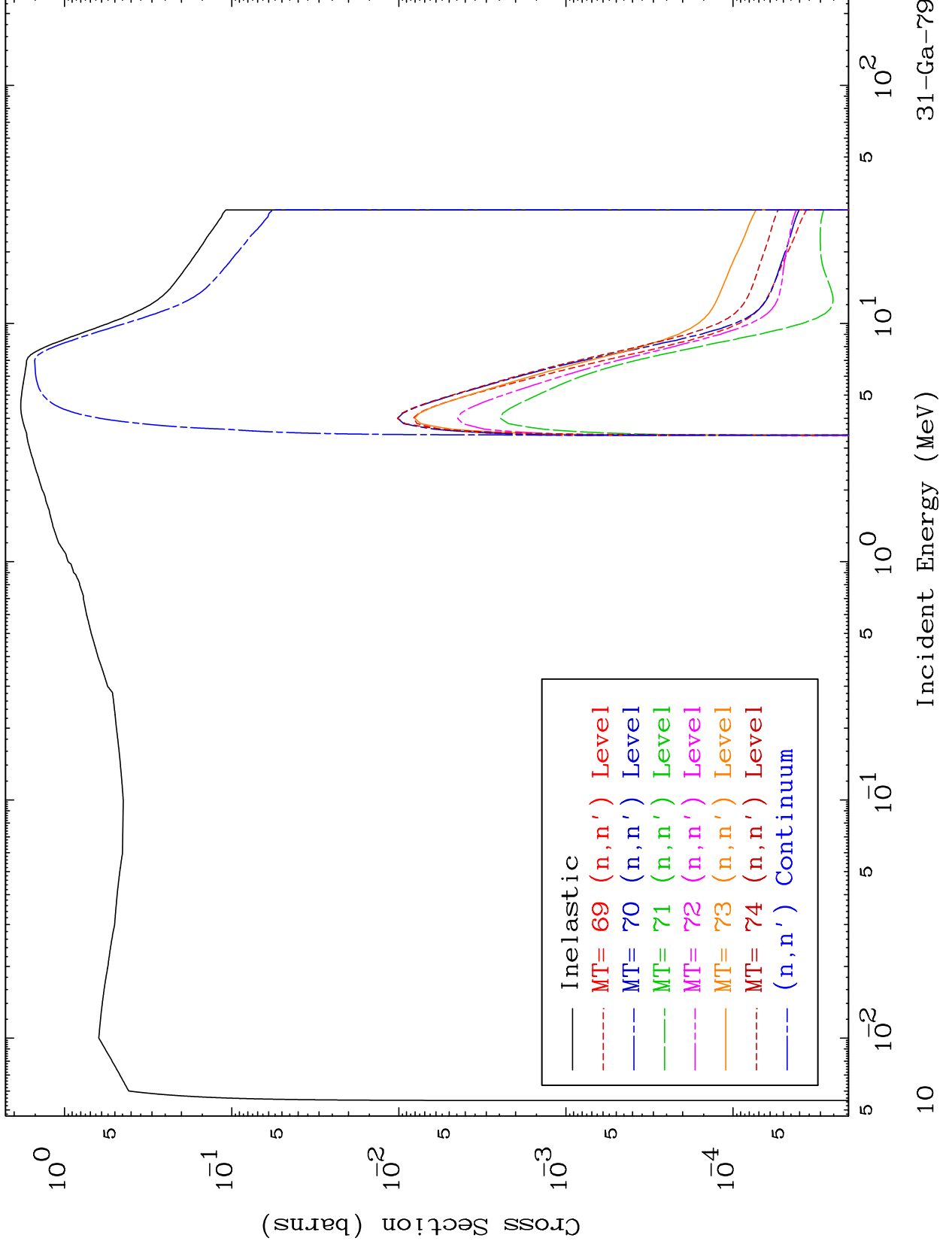
31-Ga-79



MAT 3155

(n,n') Levels  
293 Kelvin Cross Sections

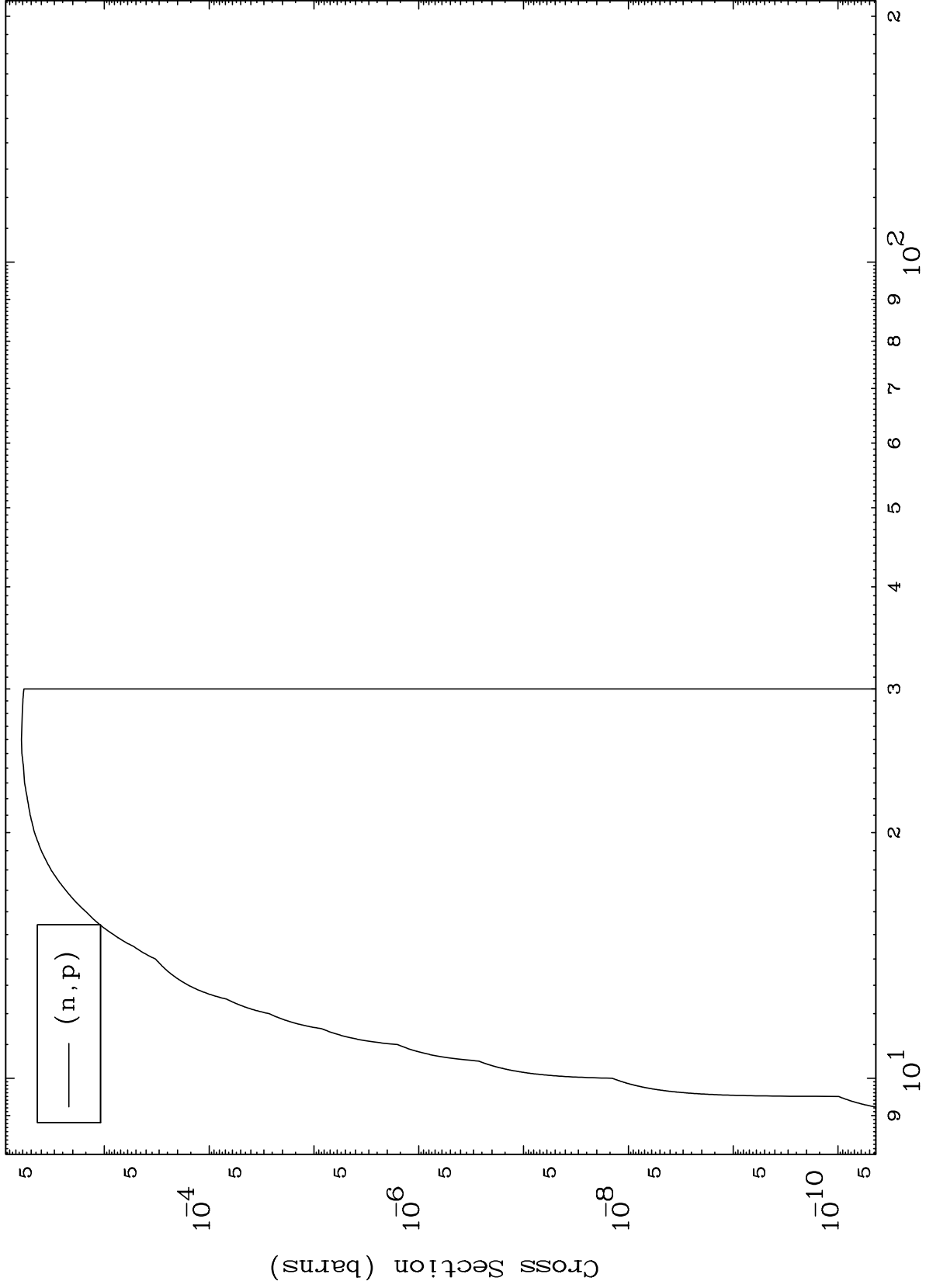
31-Ga-79



MAT 3155

(n,p) Levels  
293 Kelvin Cross Sections

31-Ga-79



11

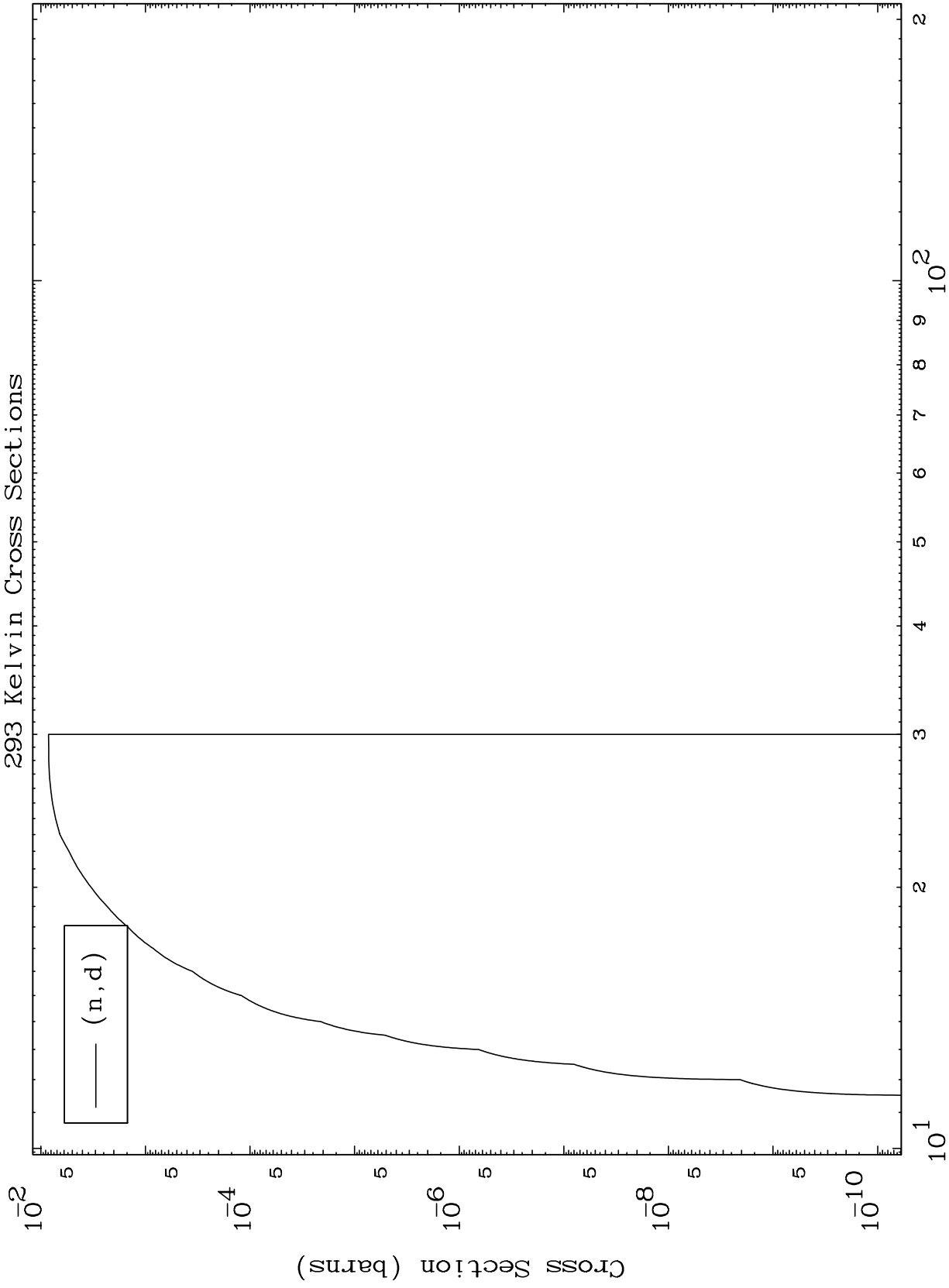
Incident Energy (MeV)

31-Ga-79

MAT 3155

(n,d) Levels  
293 Kelvin Cross Sections

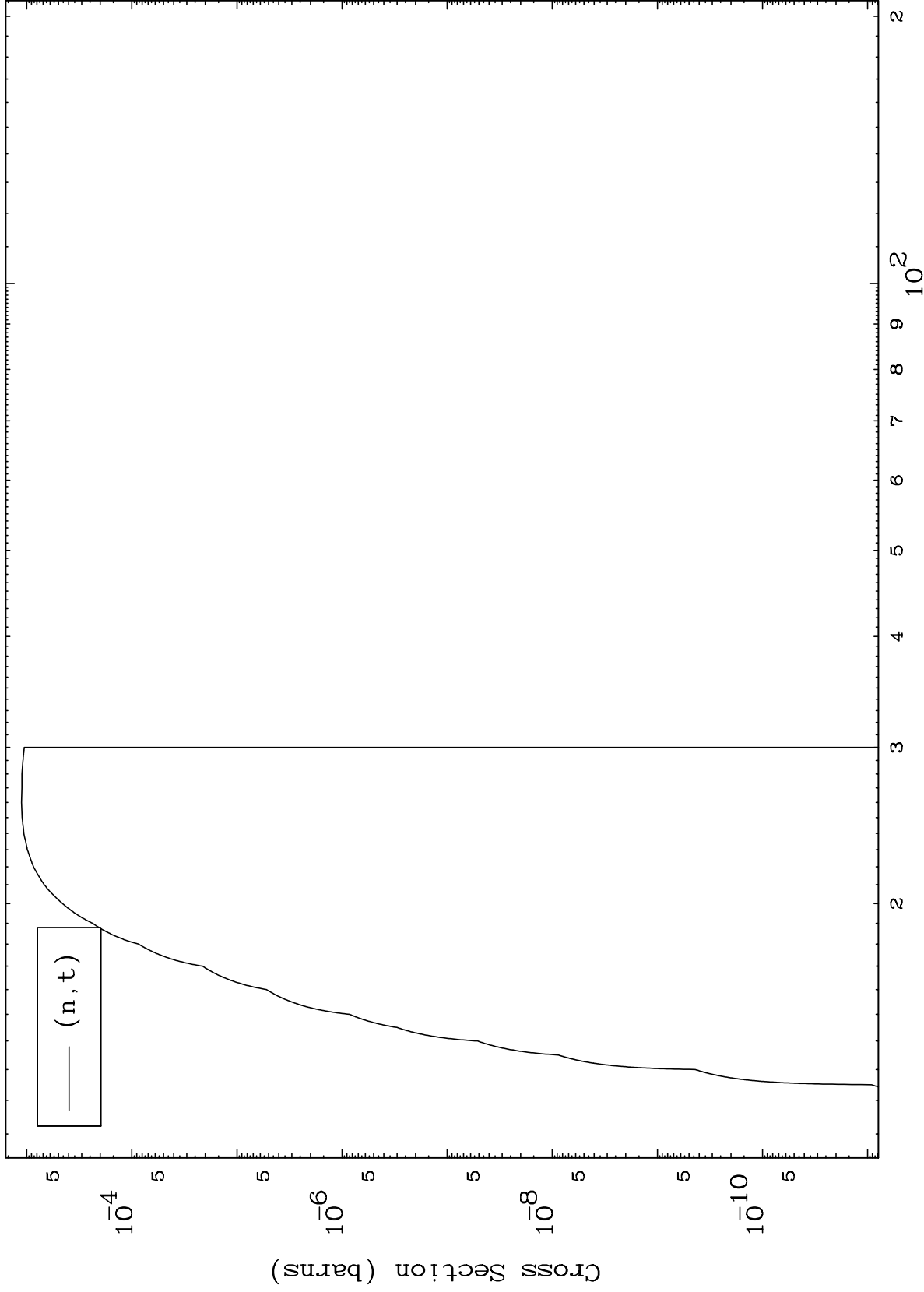
31-Ga-79



12

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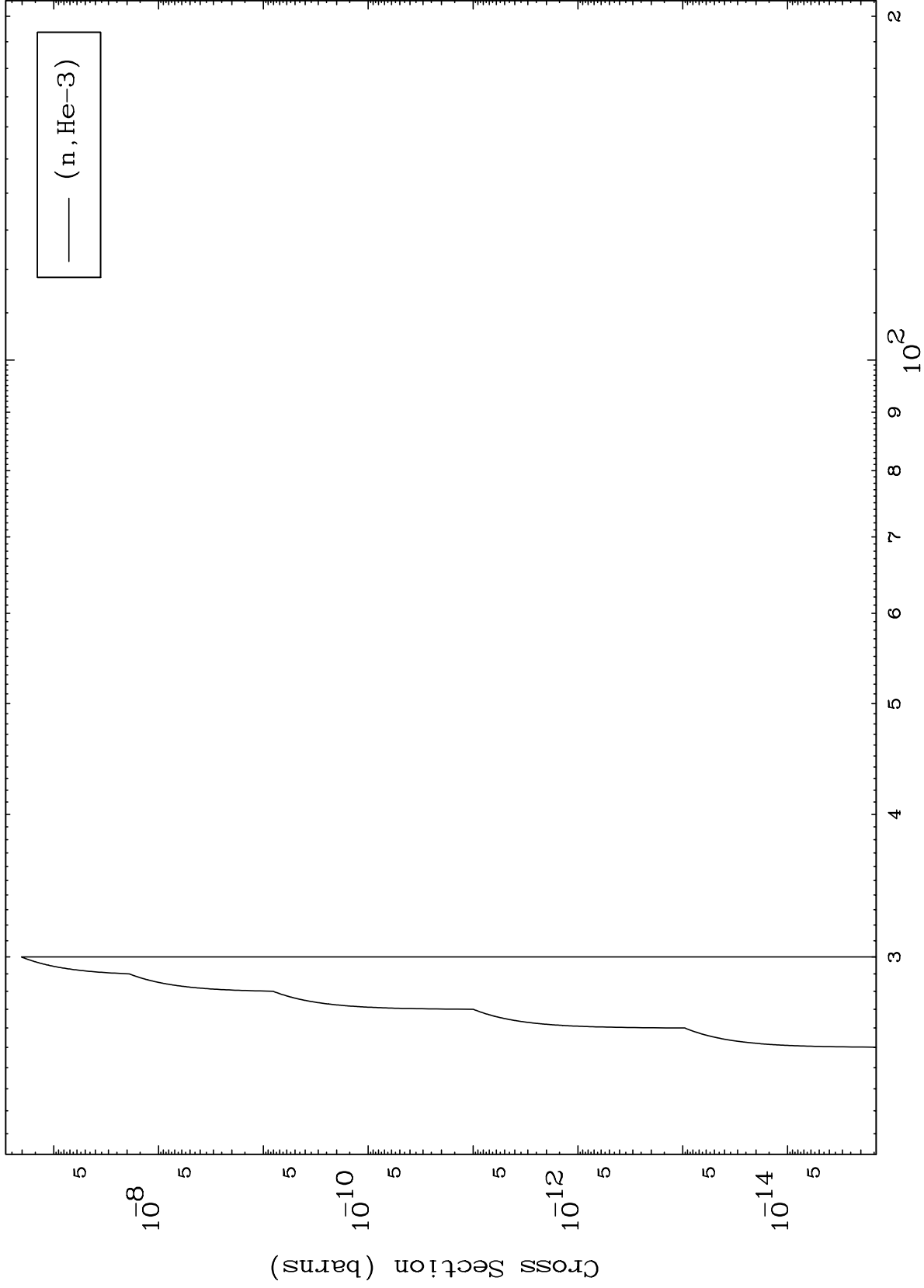
31-Ga-79



MAT 3155

(n,He3) Levels  
293 Kelvin Cross Sections

31-Ga-79



14

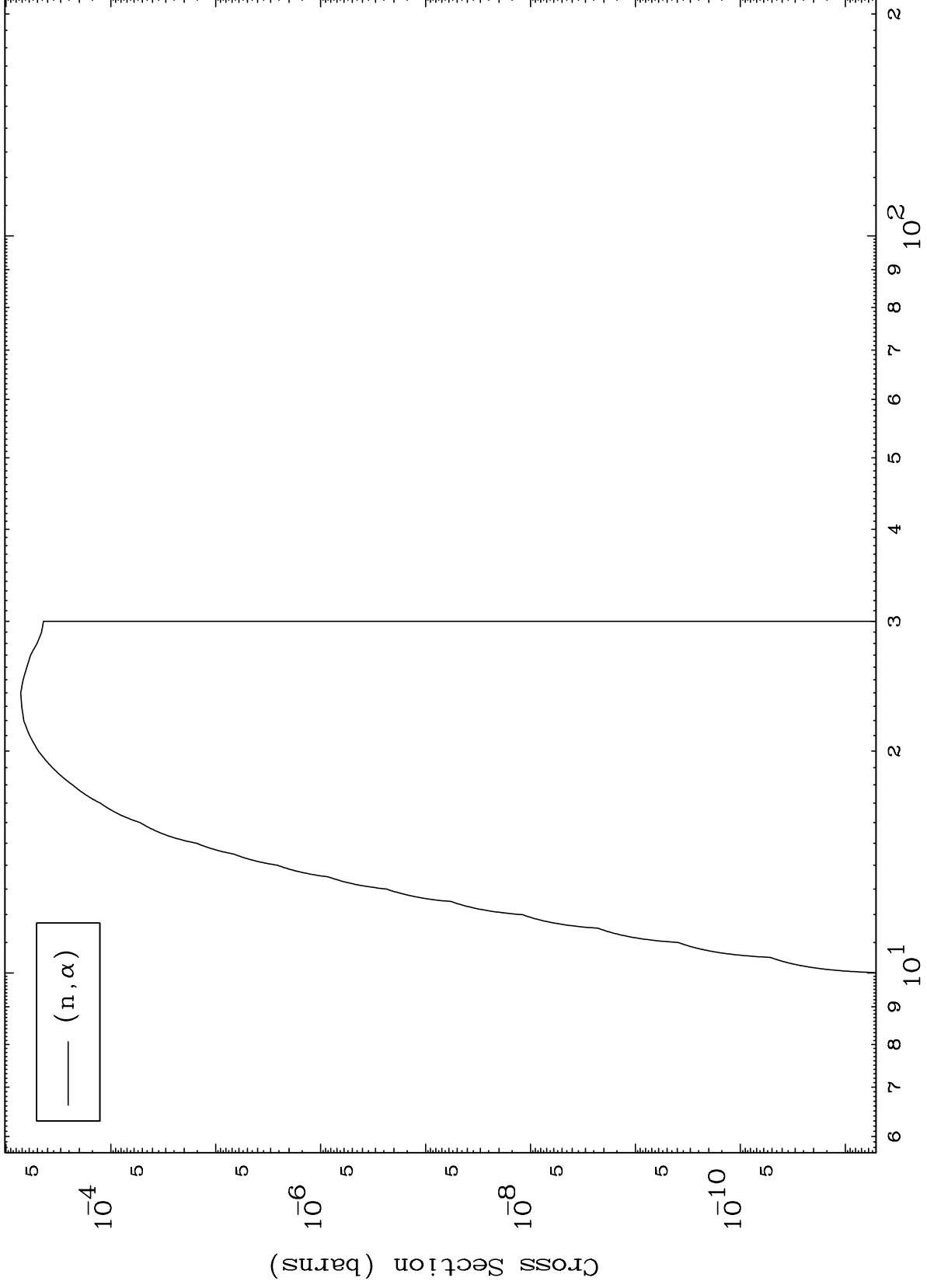
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



15

Incident Energy (MeV)

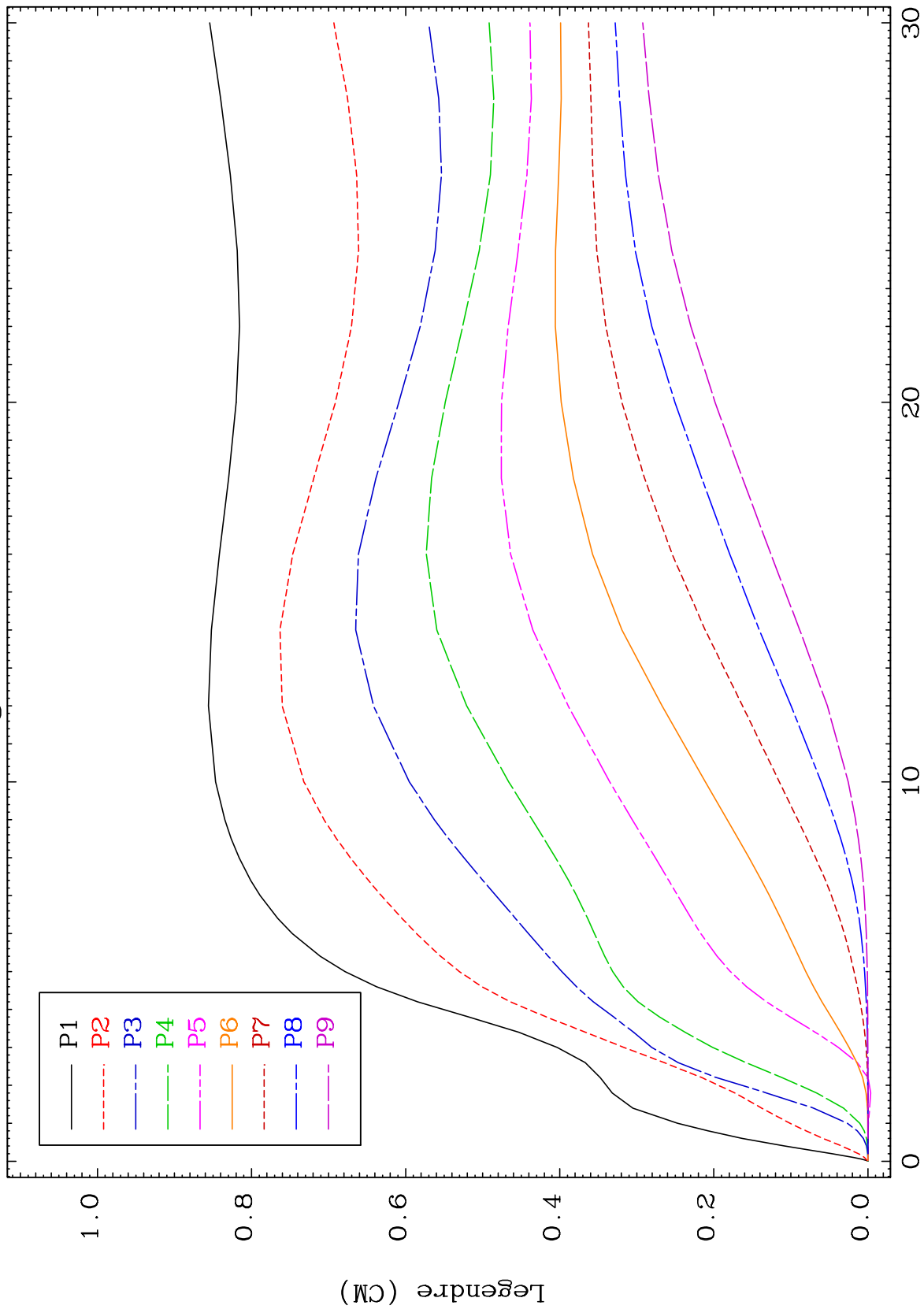
31-Ga-79



MAT 3155

Elastic Legendre Coefficients

31-Ga-79



16

Incident Energy (MeV)

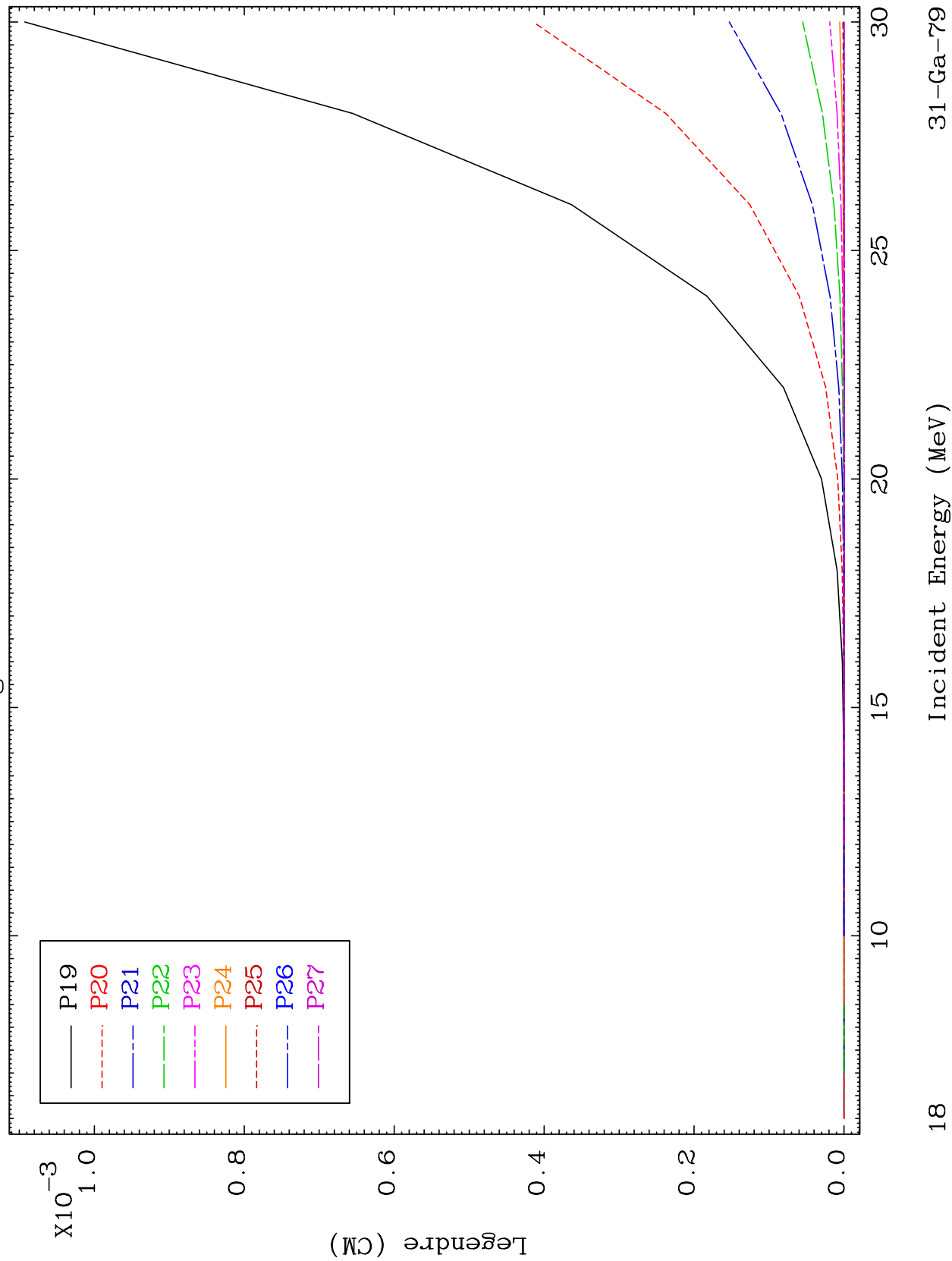
31-Ga-79



MAT 3155

### Elastic Legendre Coefficients

31-Ga-79



18

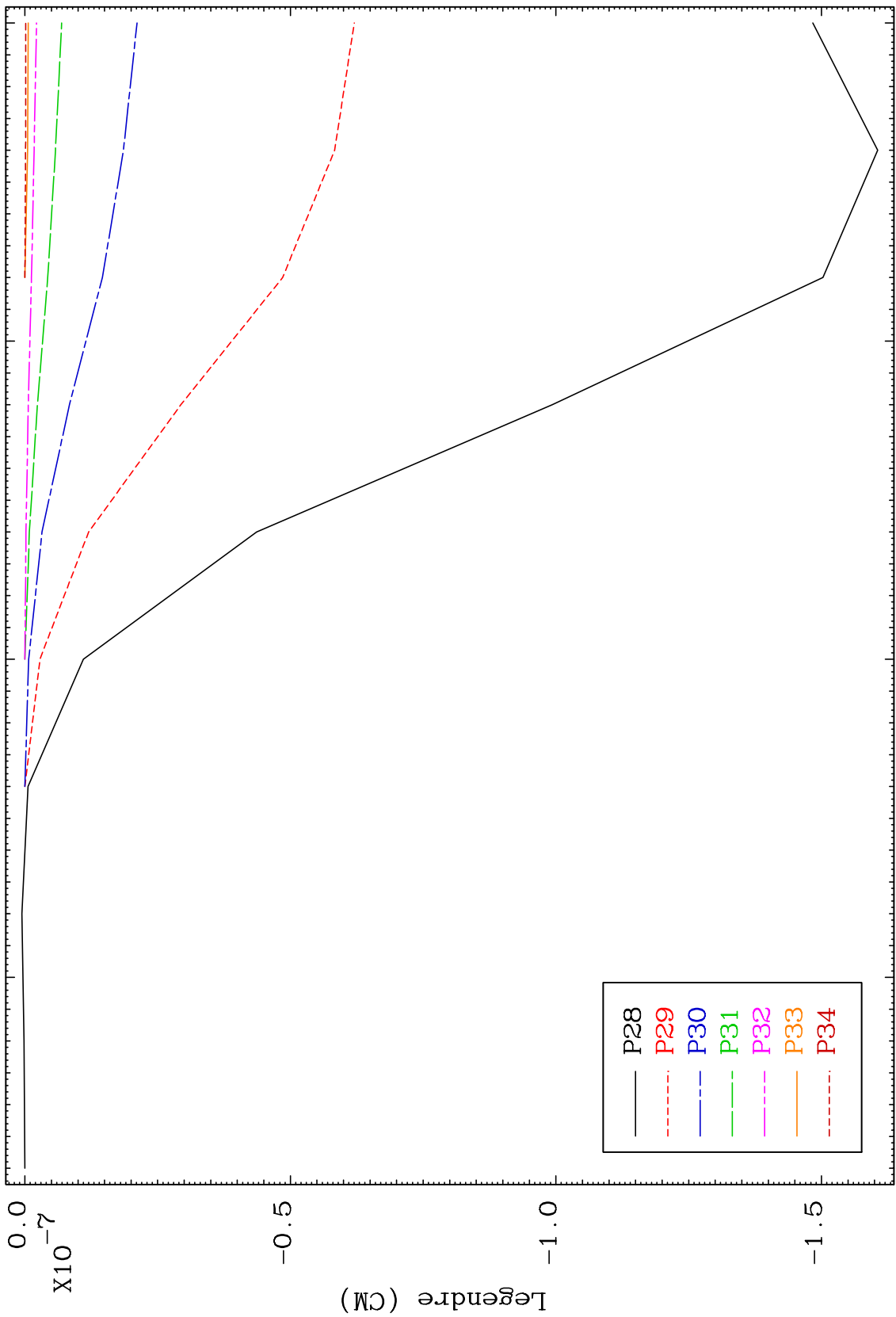
Incident Energy (MeV)

31-Ga-79

MAT 3155

31-Ga-79

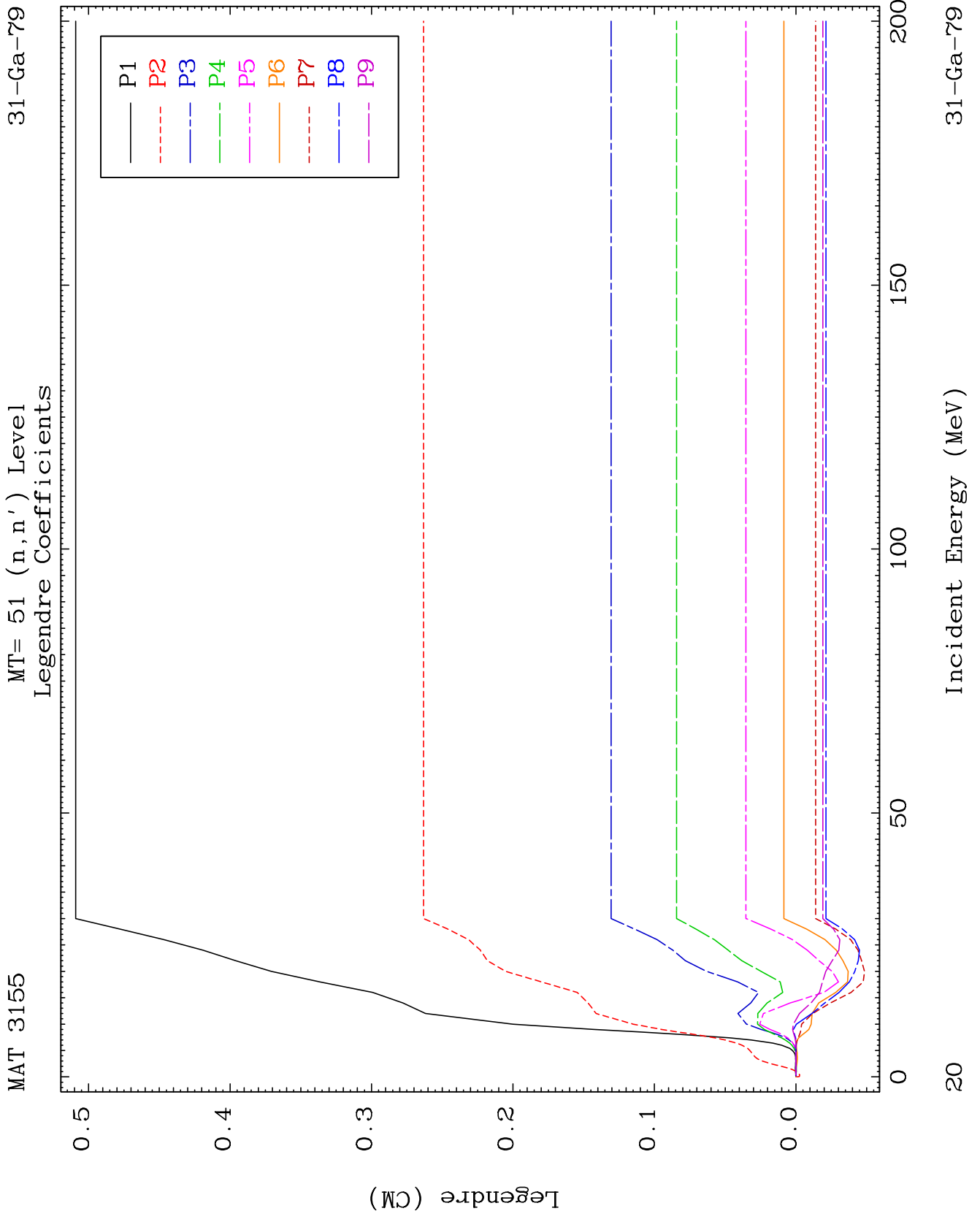
Elastic Legendre Coefficients

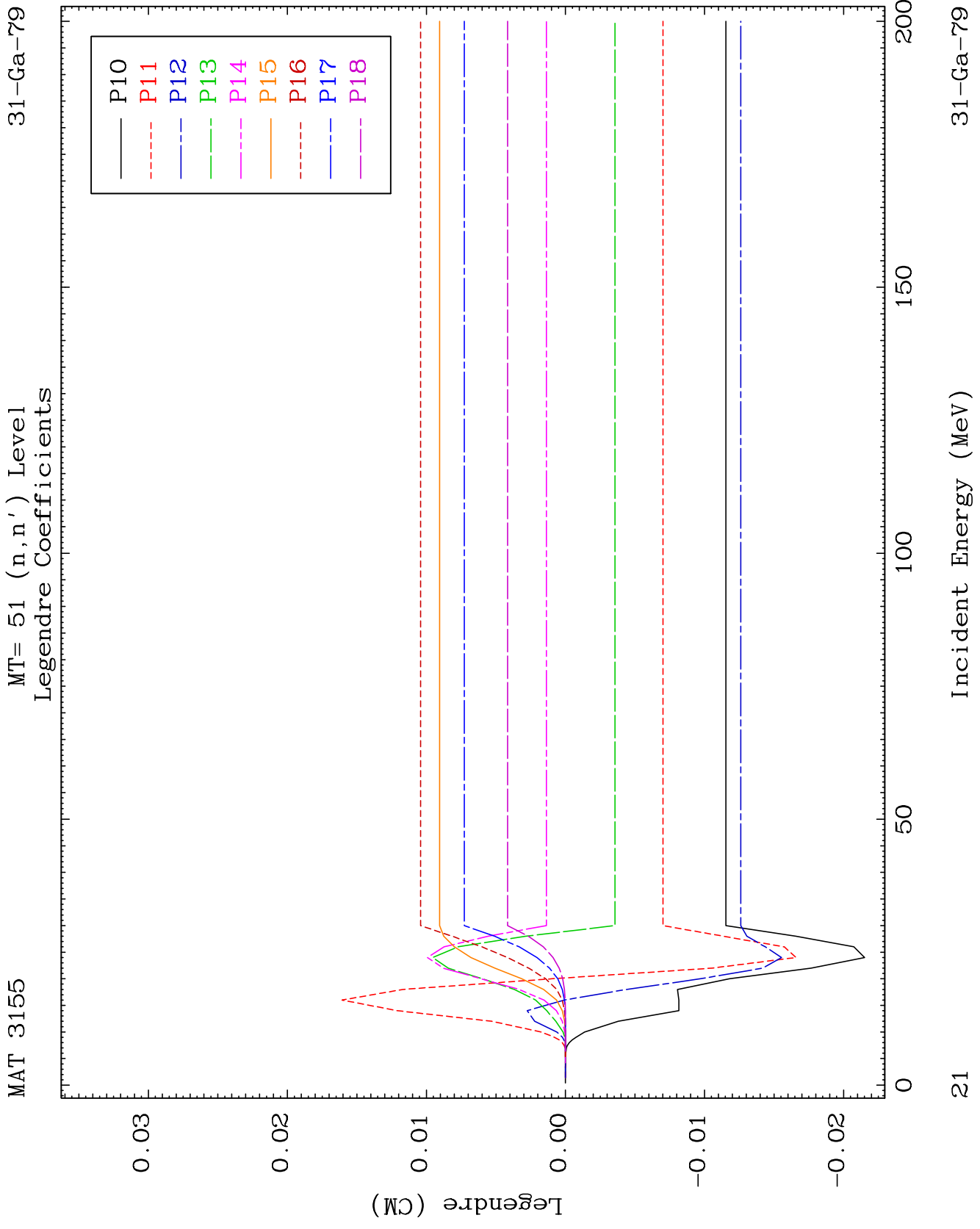


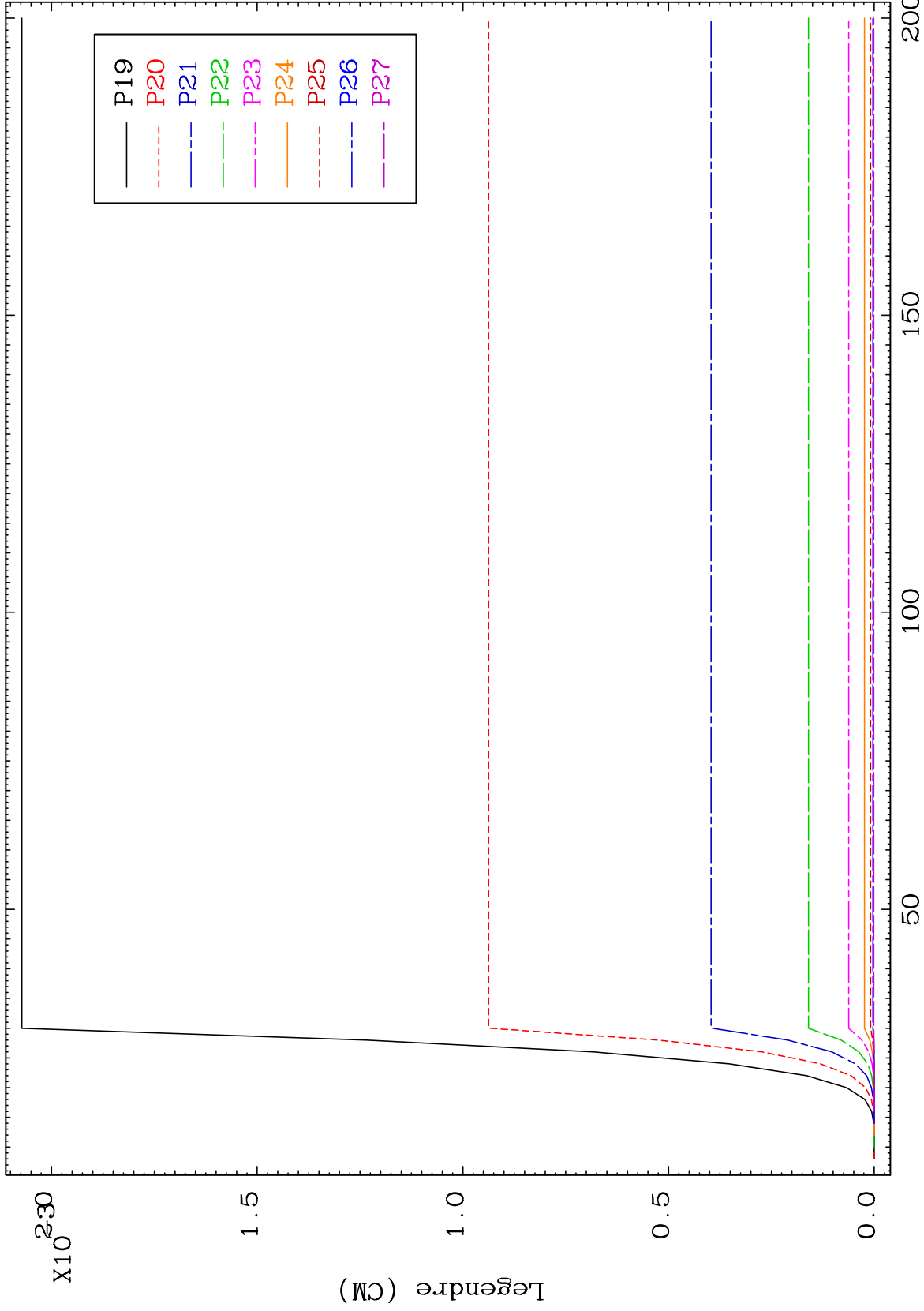
19

Incident Energy (MeV)

31-Ga-79



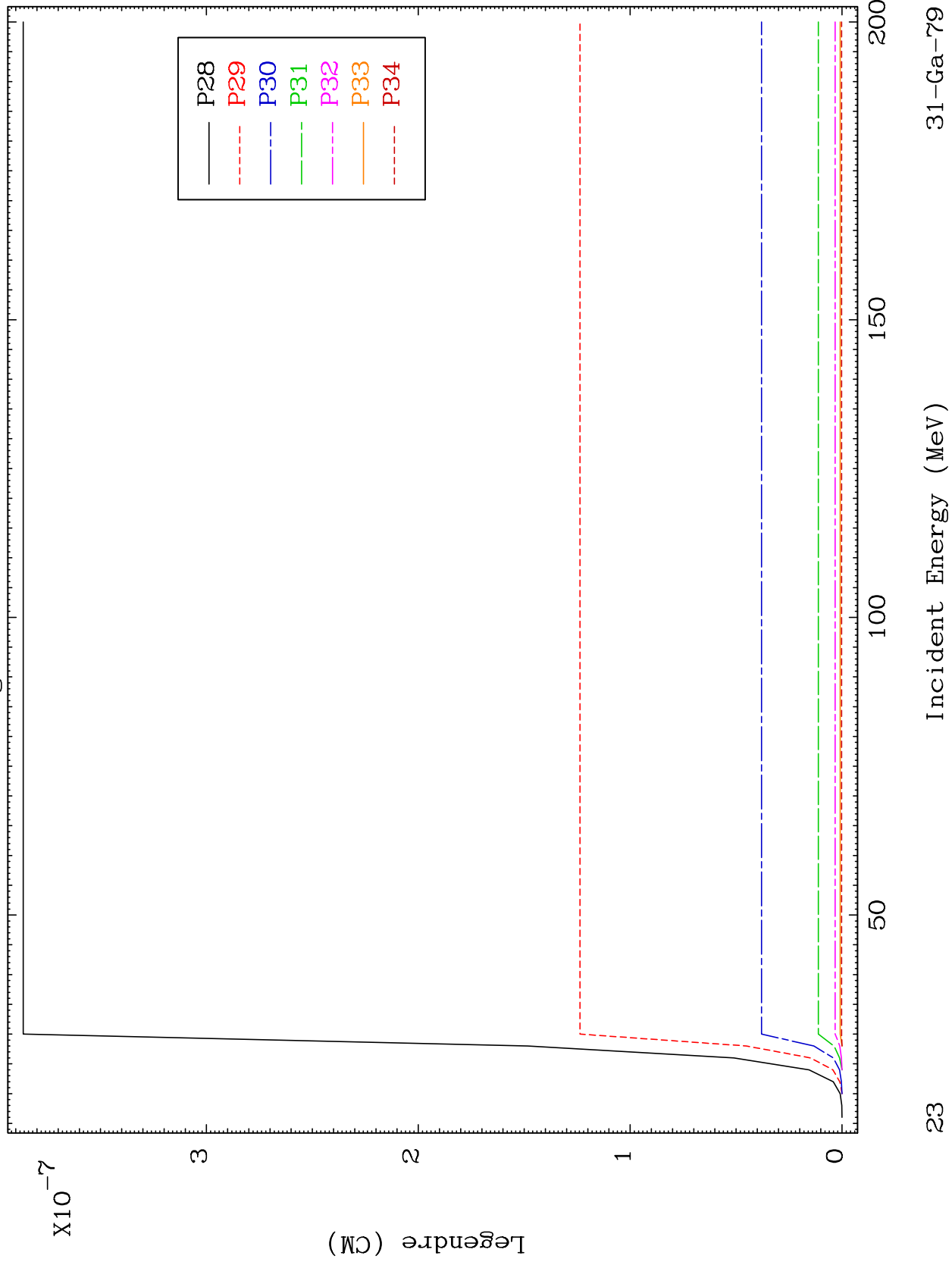




MAT 3155

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

31-Ga-79



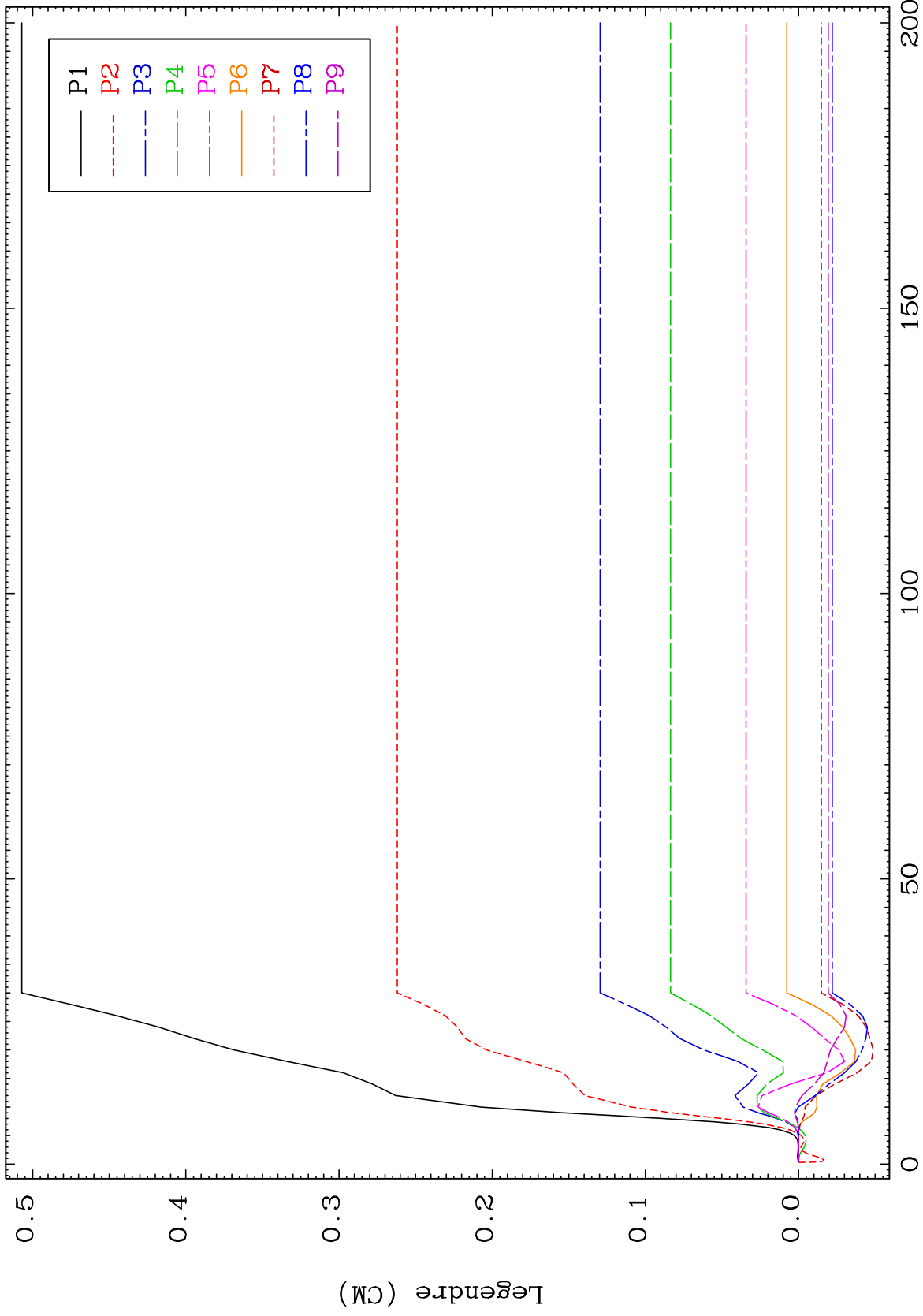
23



MAT 3155

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

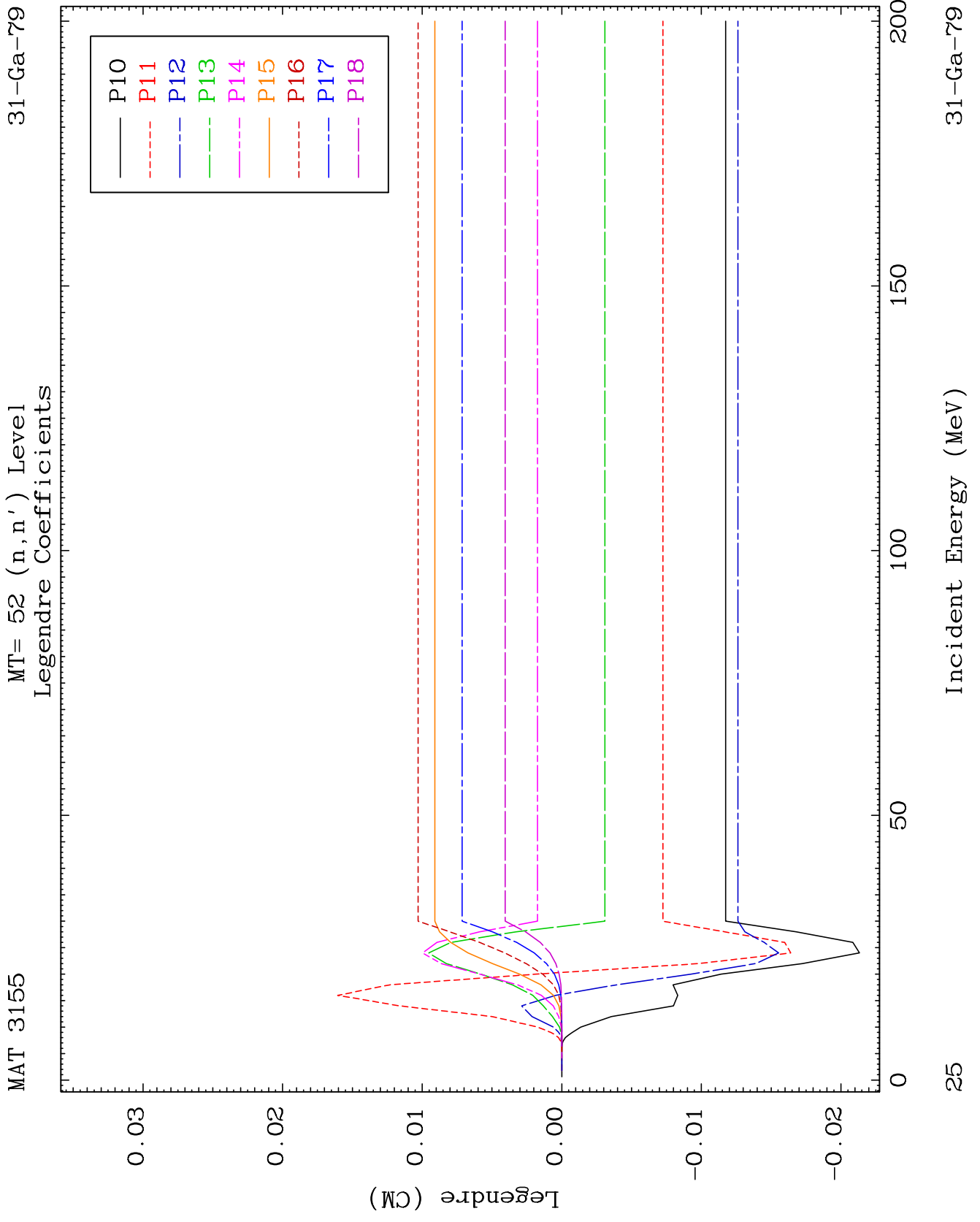
31-Ga-79



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Incident Energy (MeV)

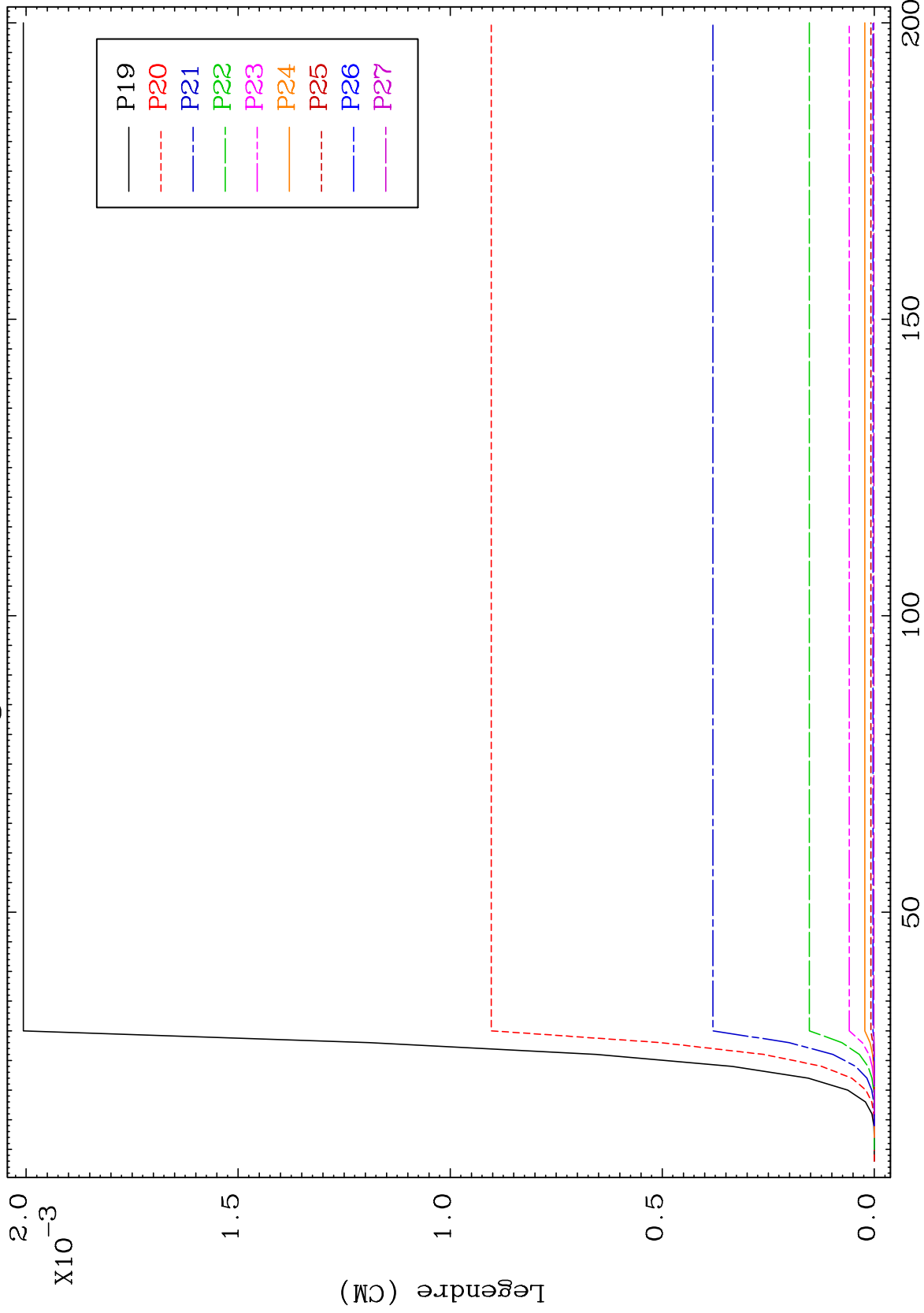
31-Ga-79



MAT 3155

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

<sup>31</sup>Ga-79



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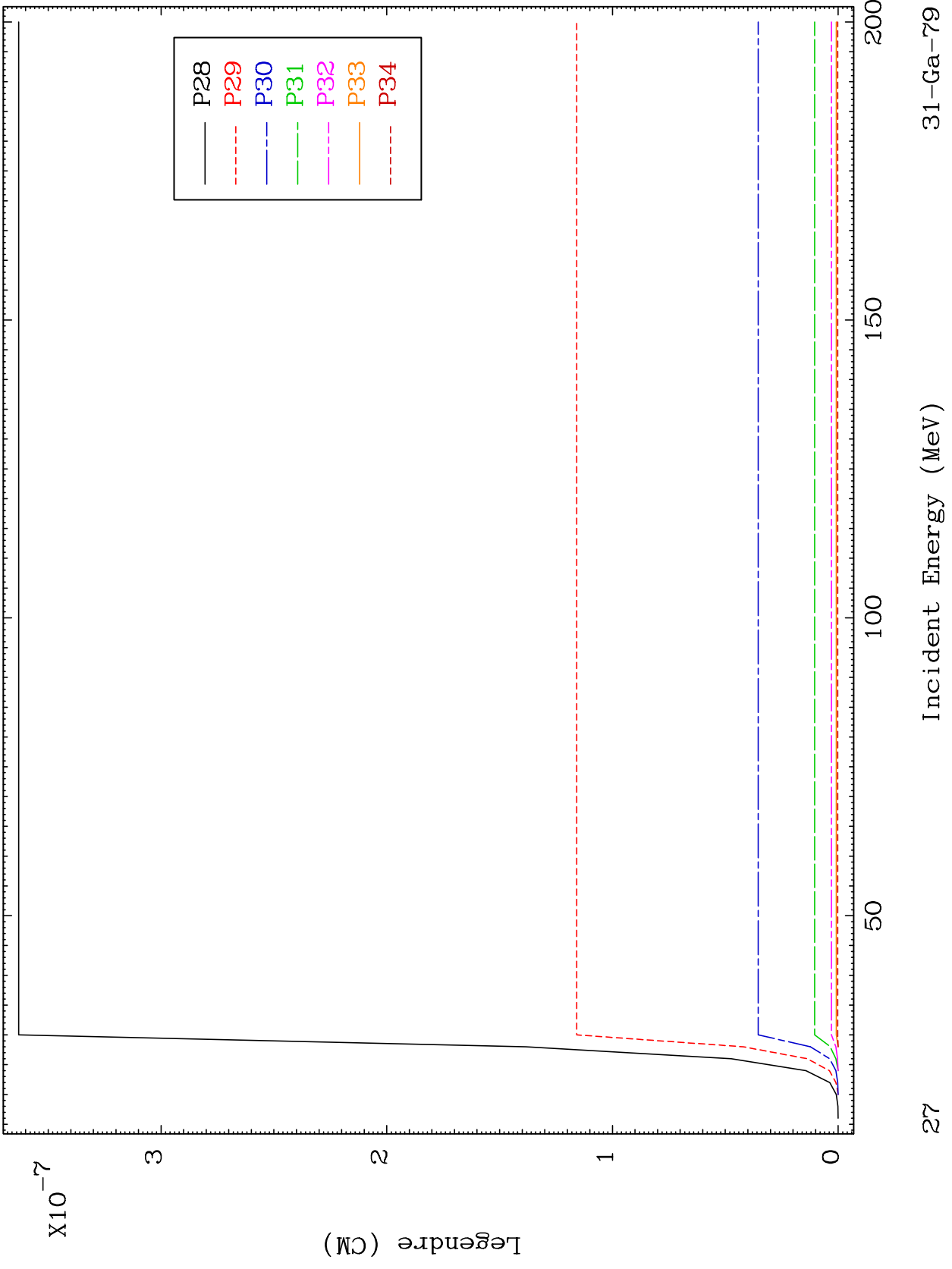
Incident Energy (MeV)

<sup>31</sup>Ga-79

MAT 3155

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

31-Ga-79



27

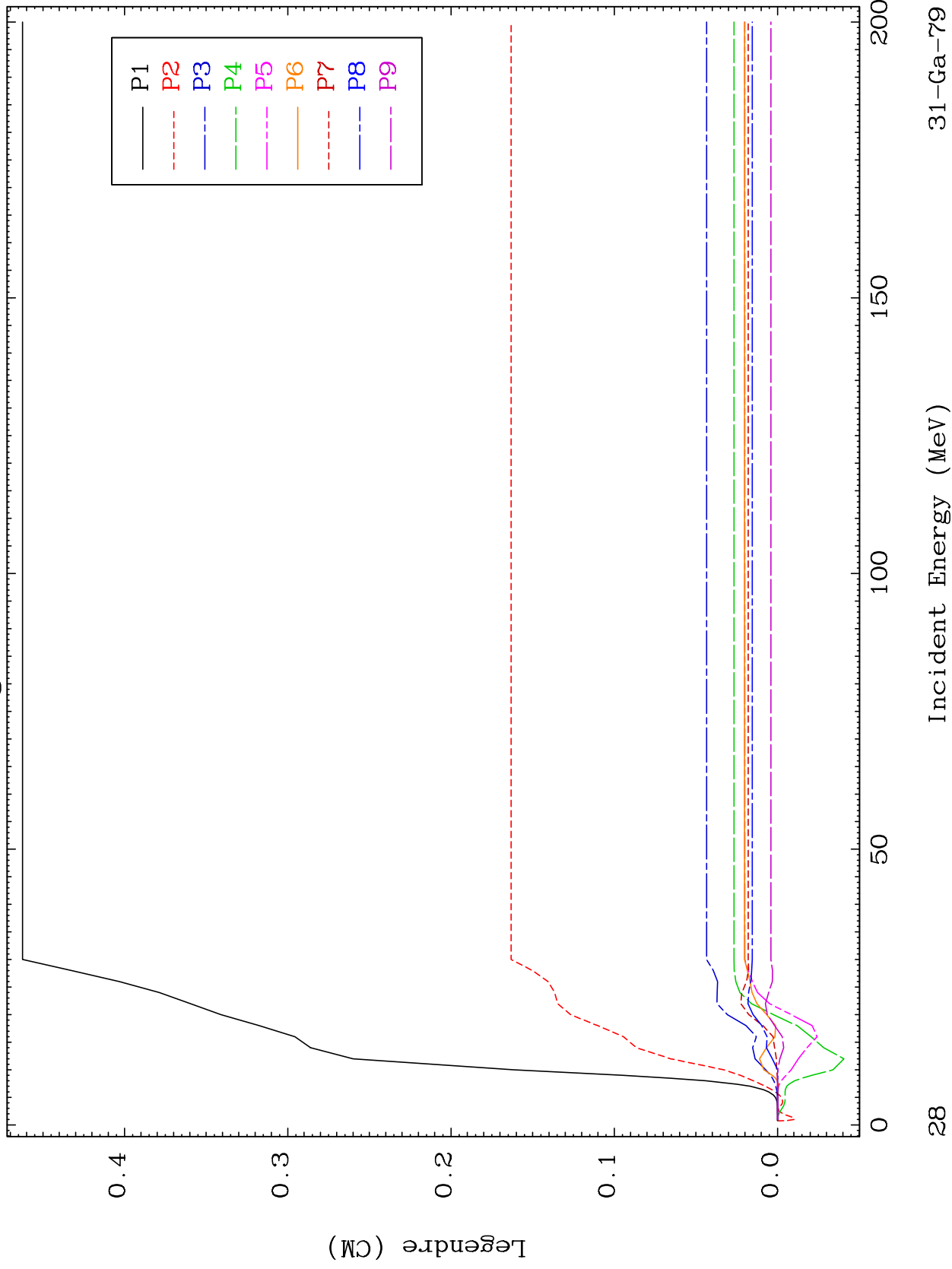
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

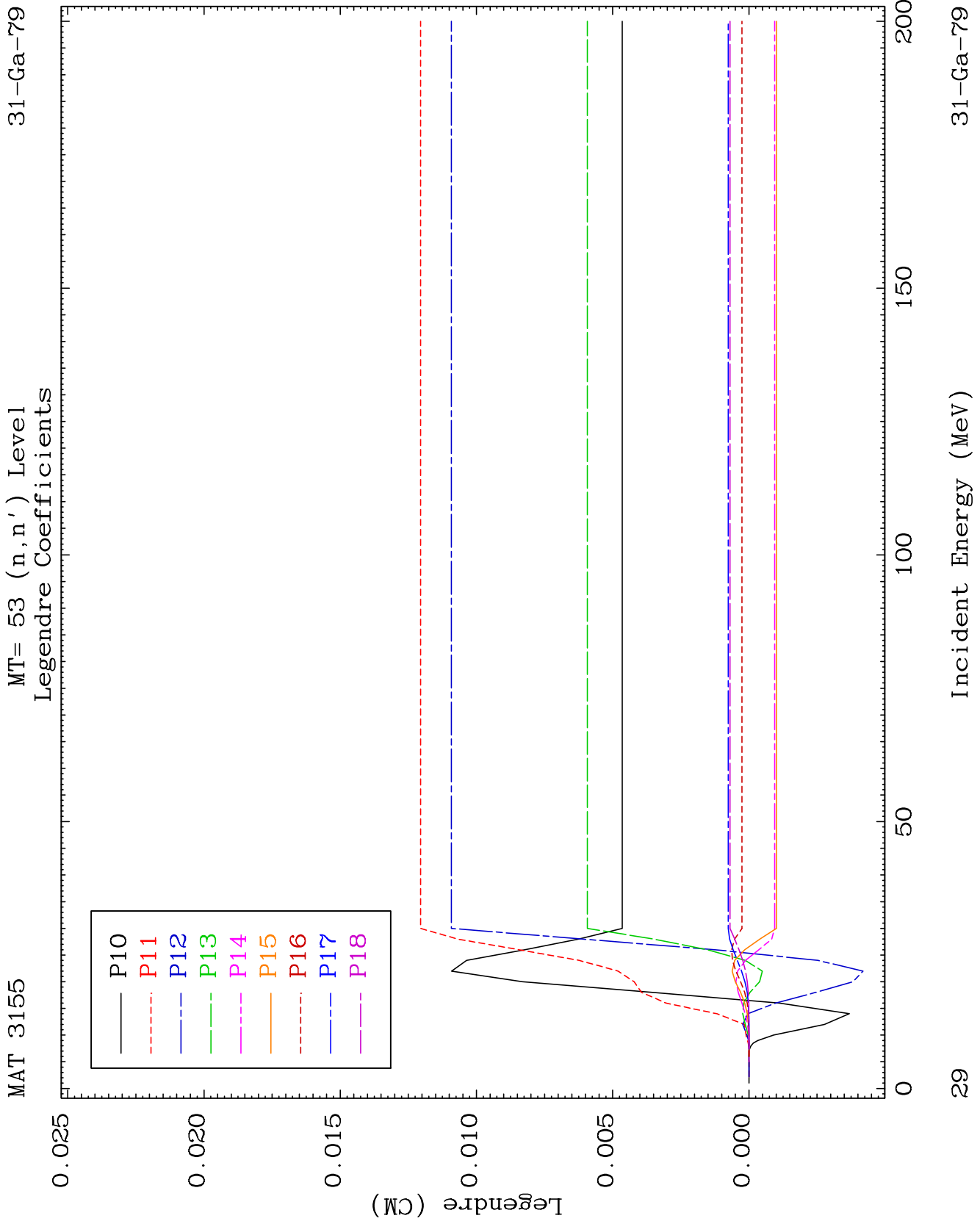
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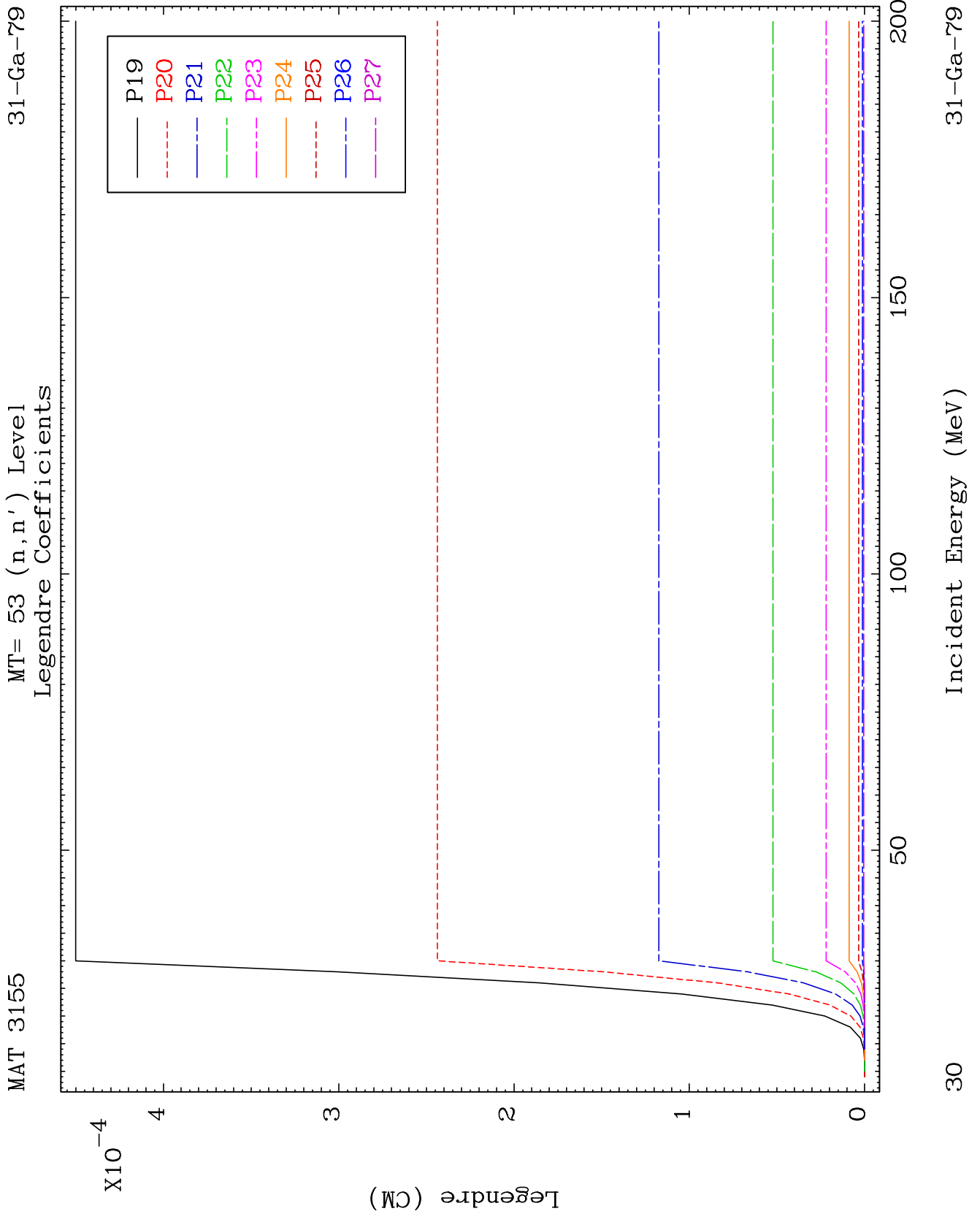


31-Ga-79

Incident Energy (MeV)

28

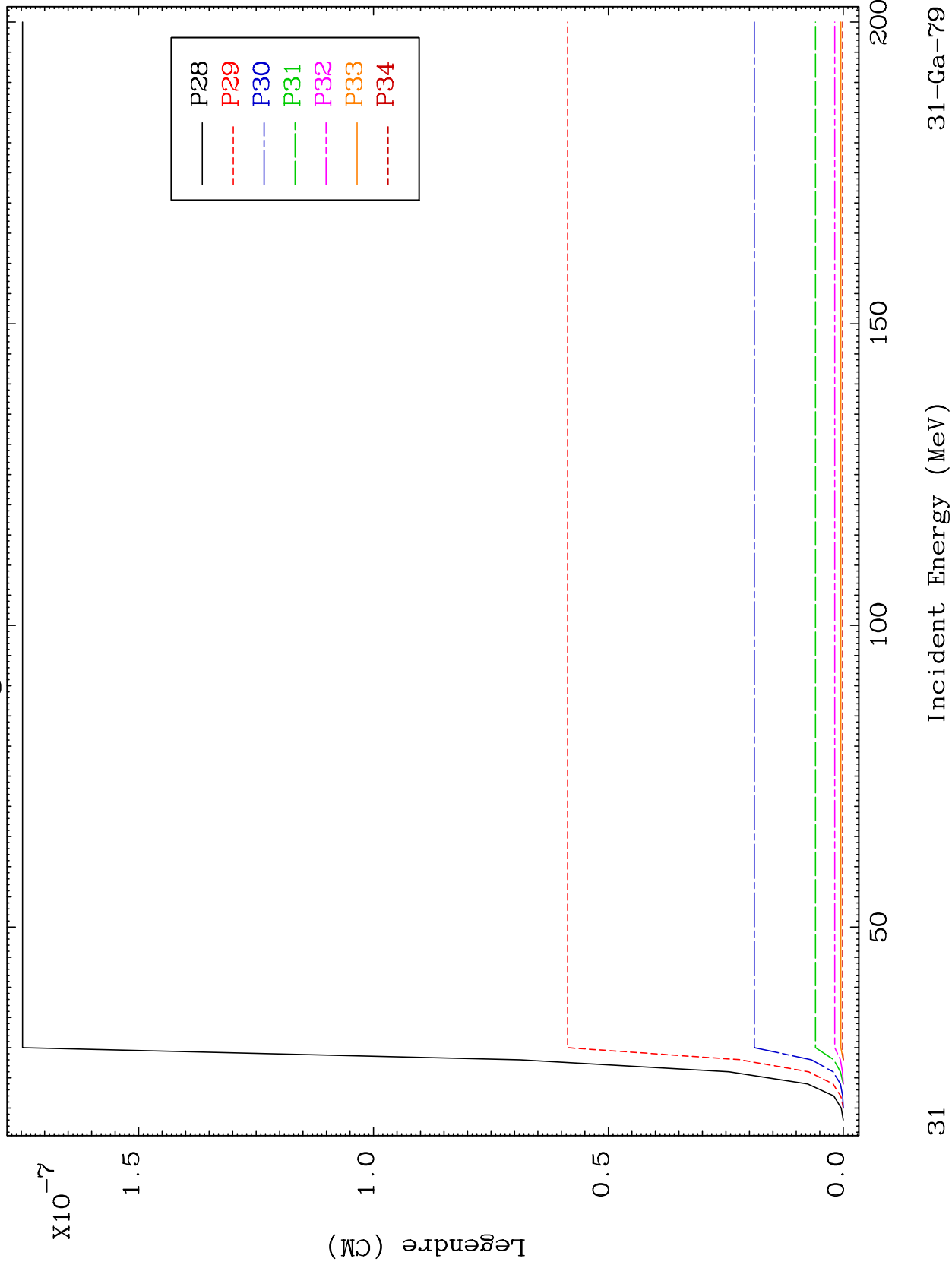




MAT 3155

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

31-Ga-79

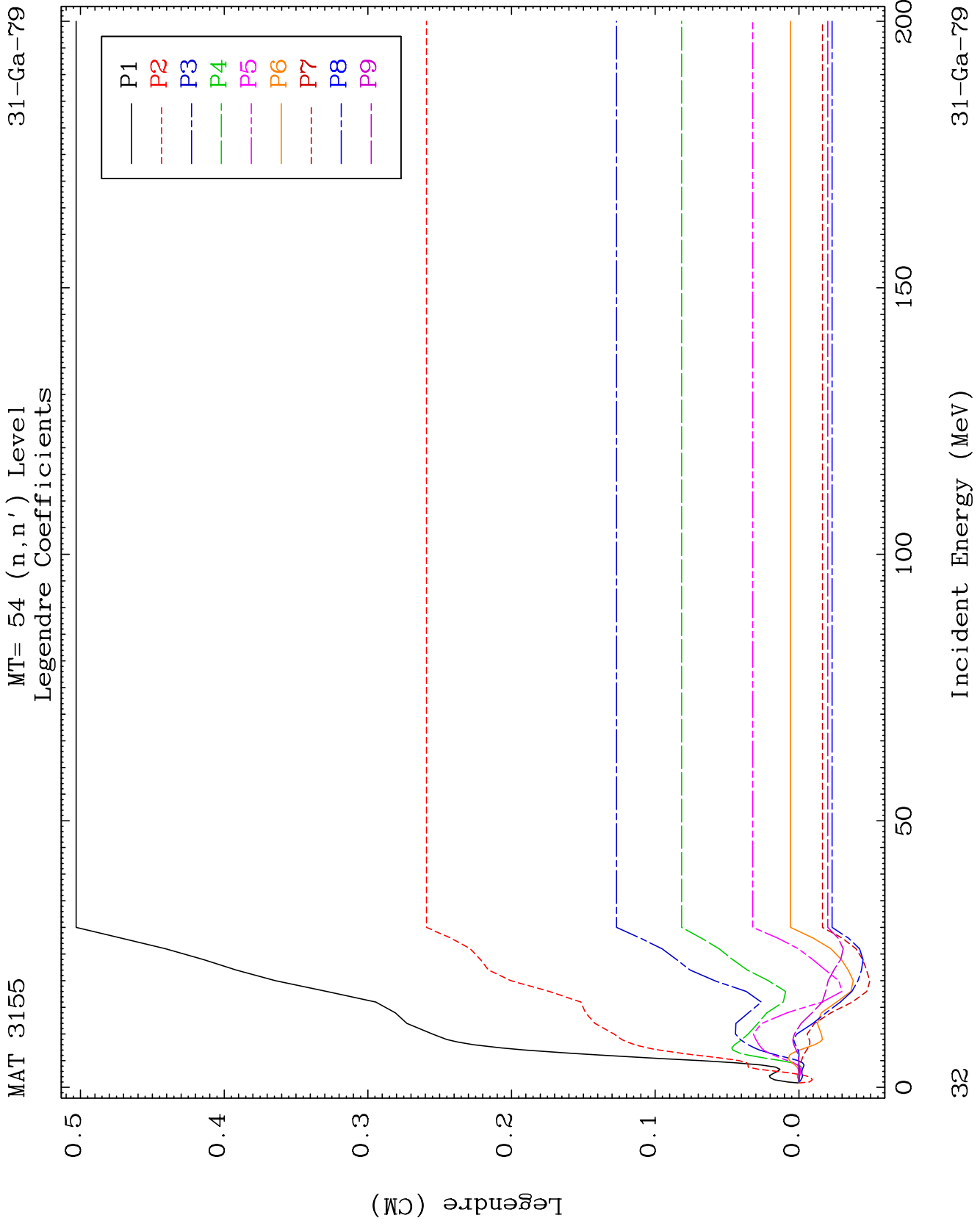


31

Incident Energy (MeV)

31-Ga-79

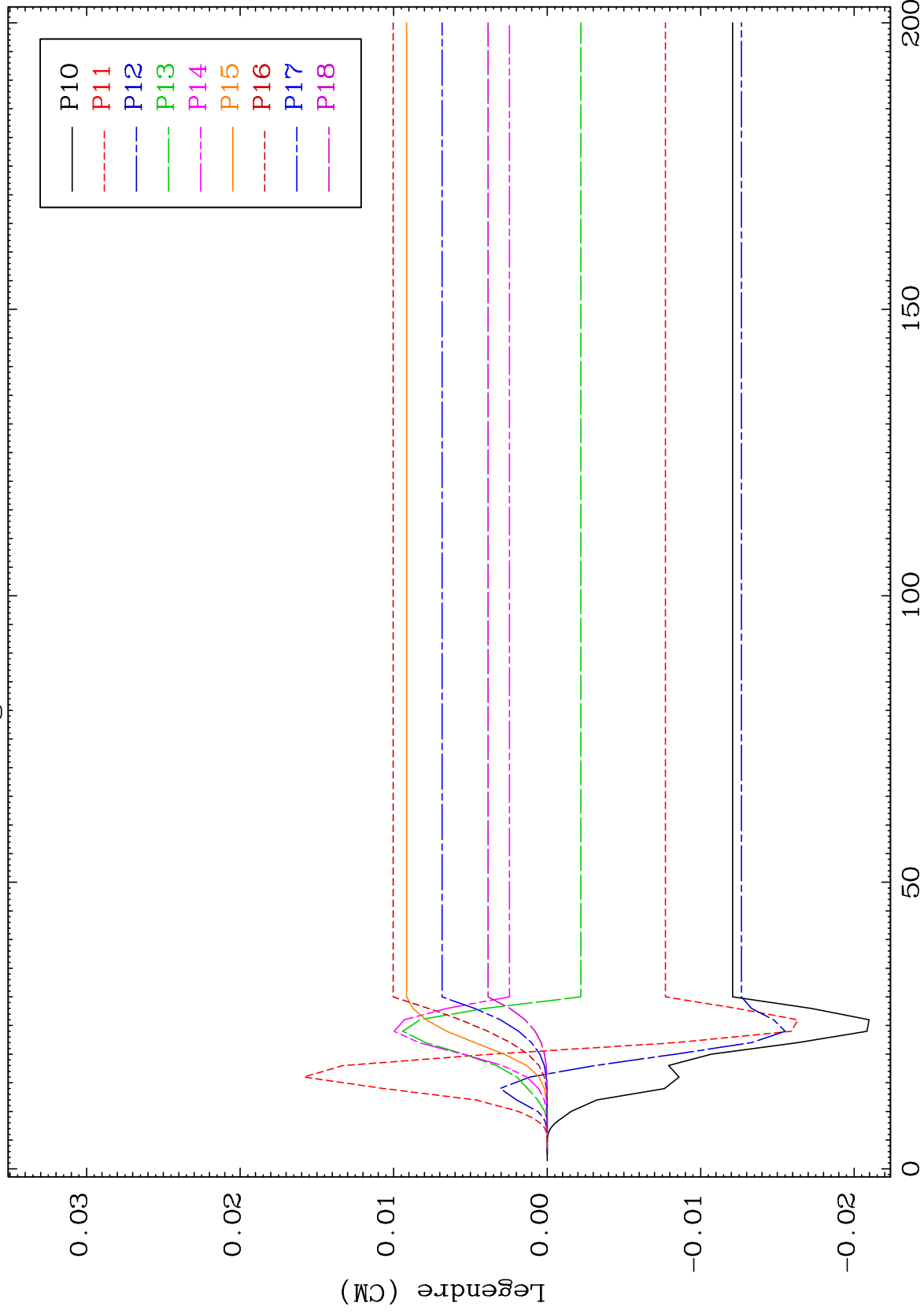




MAT 3155

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

31-Ga-79



33

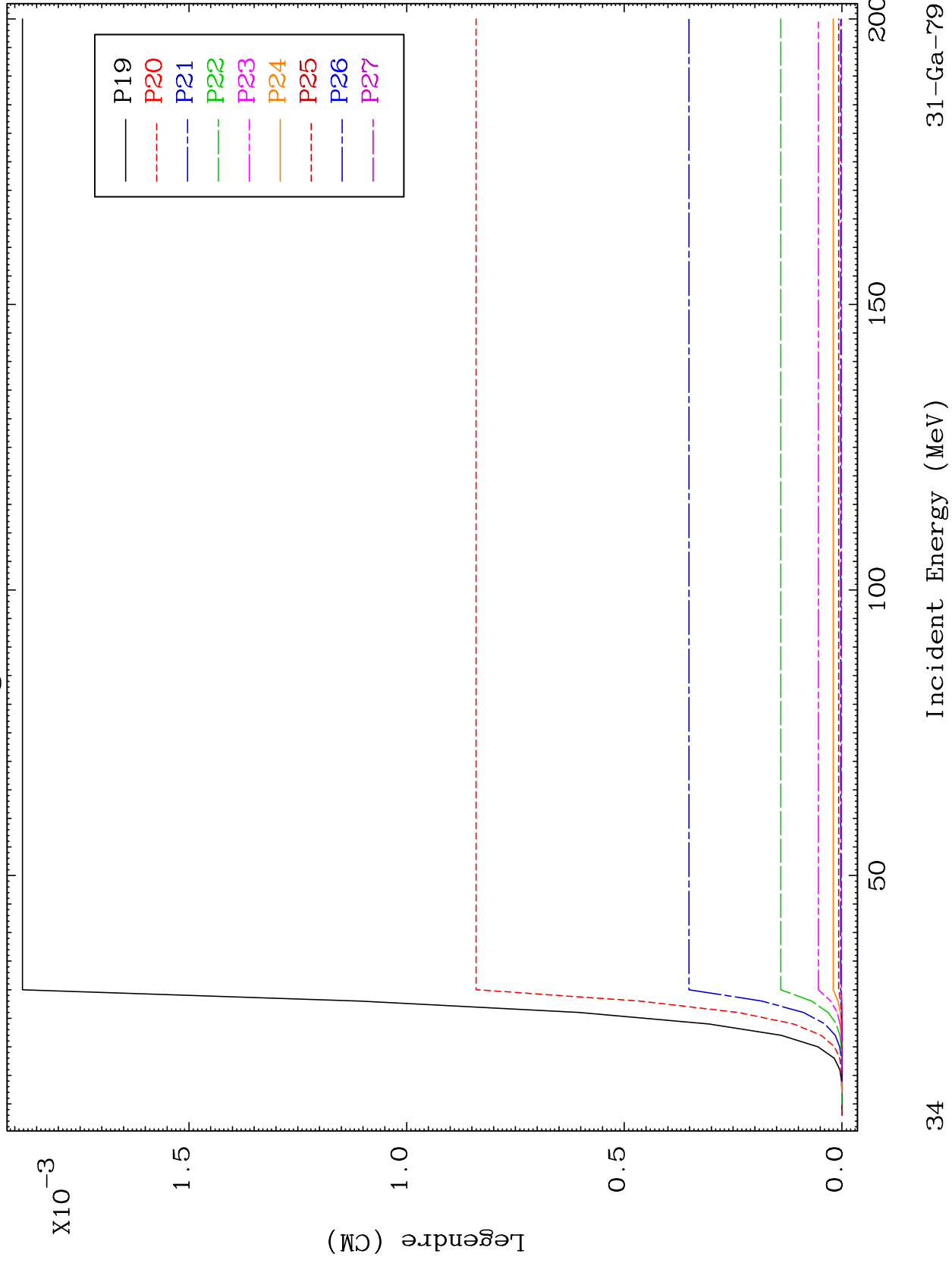
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

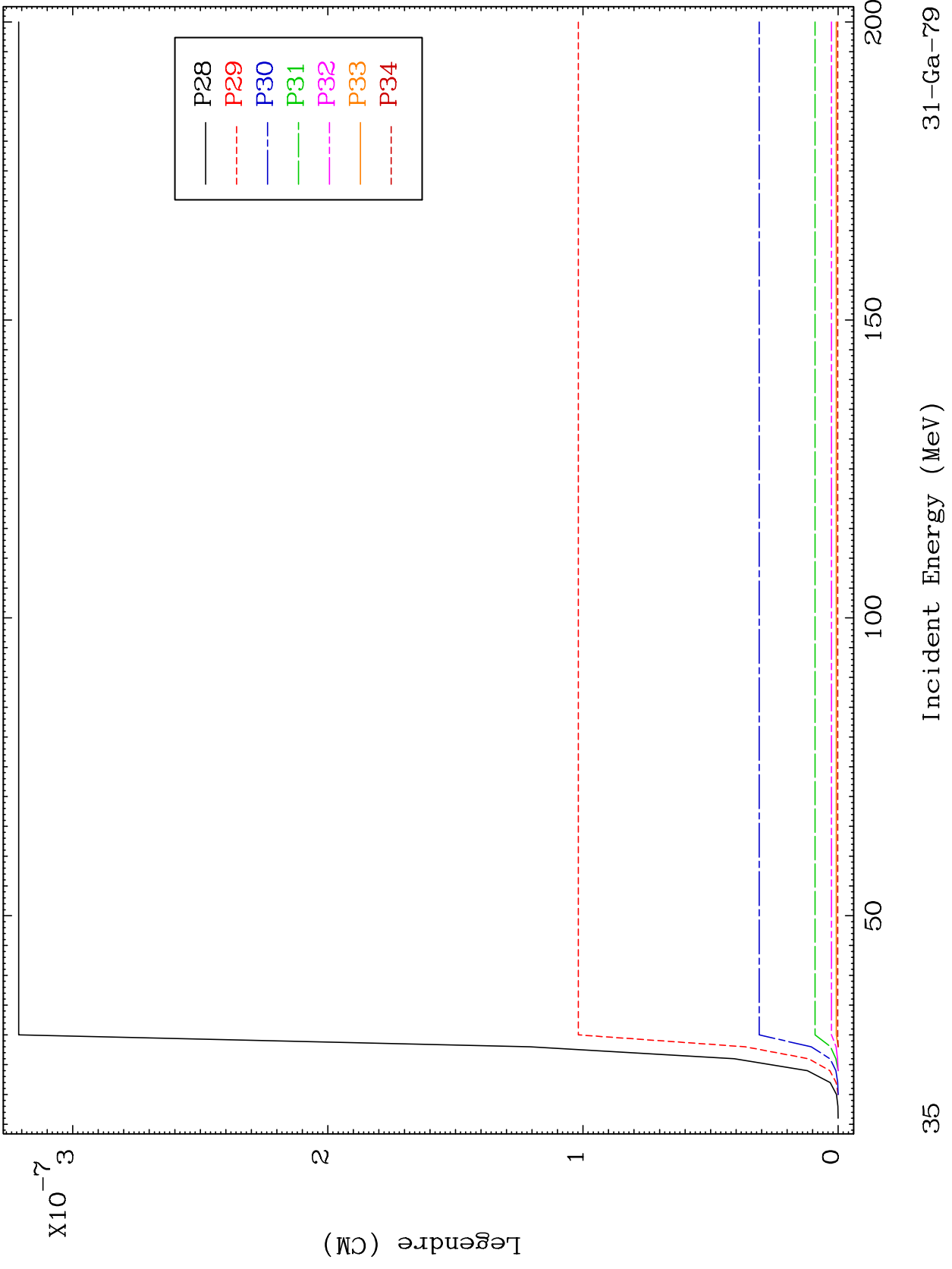
<sup>31</sup>Ga-79



MAT 3155

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

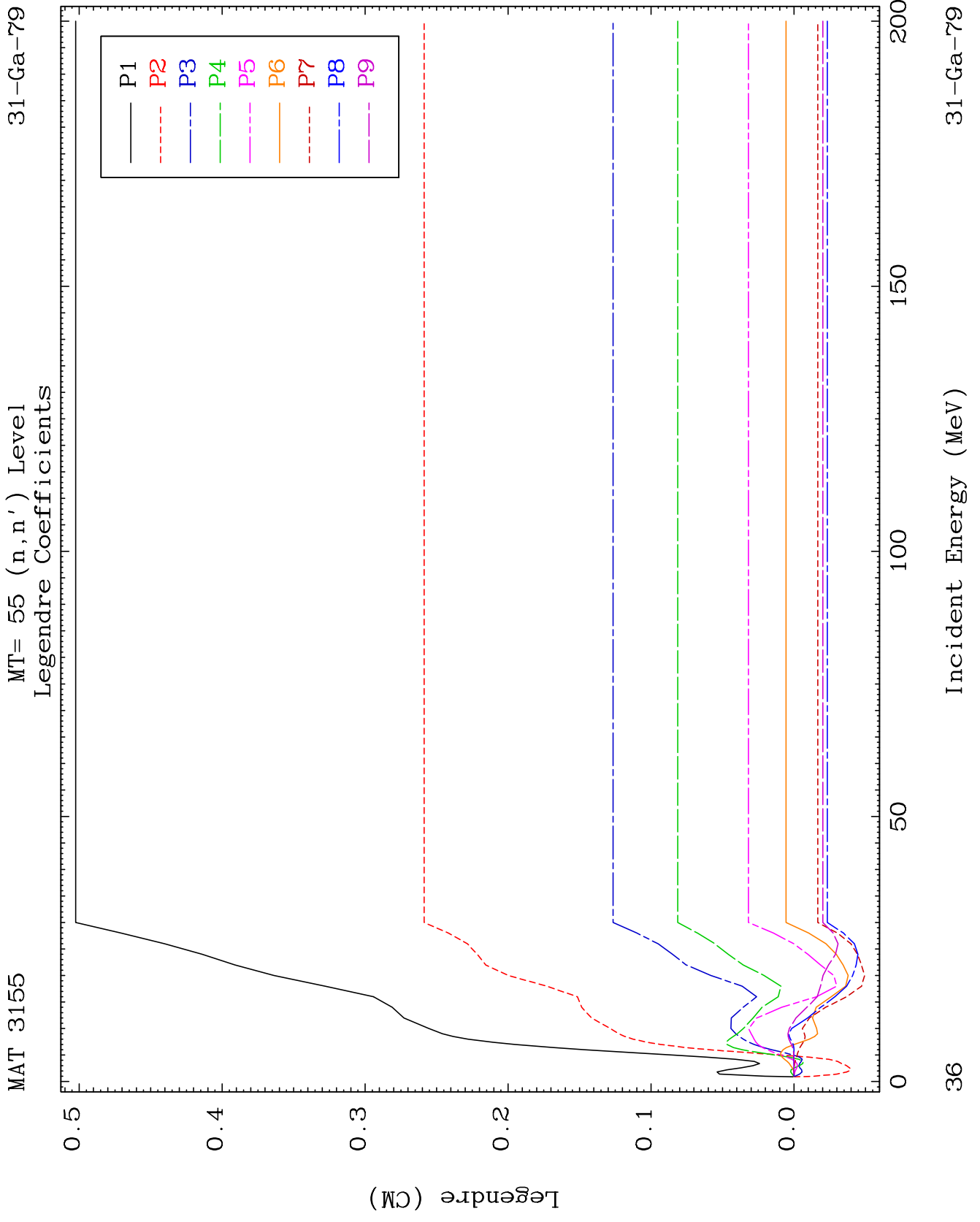
31-Ga-79

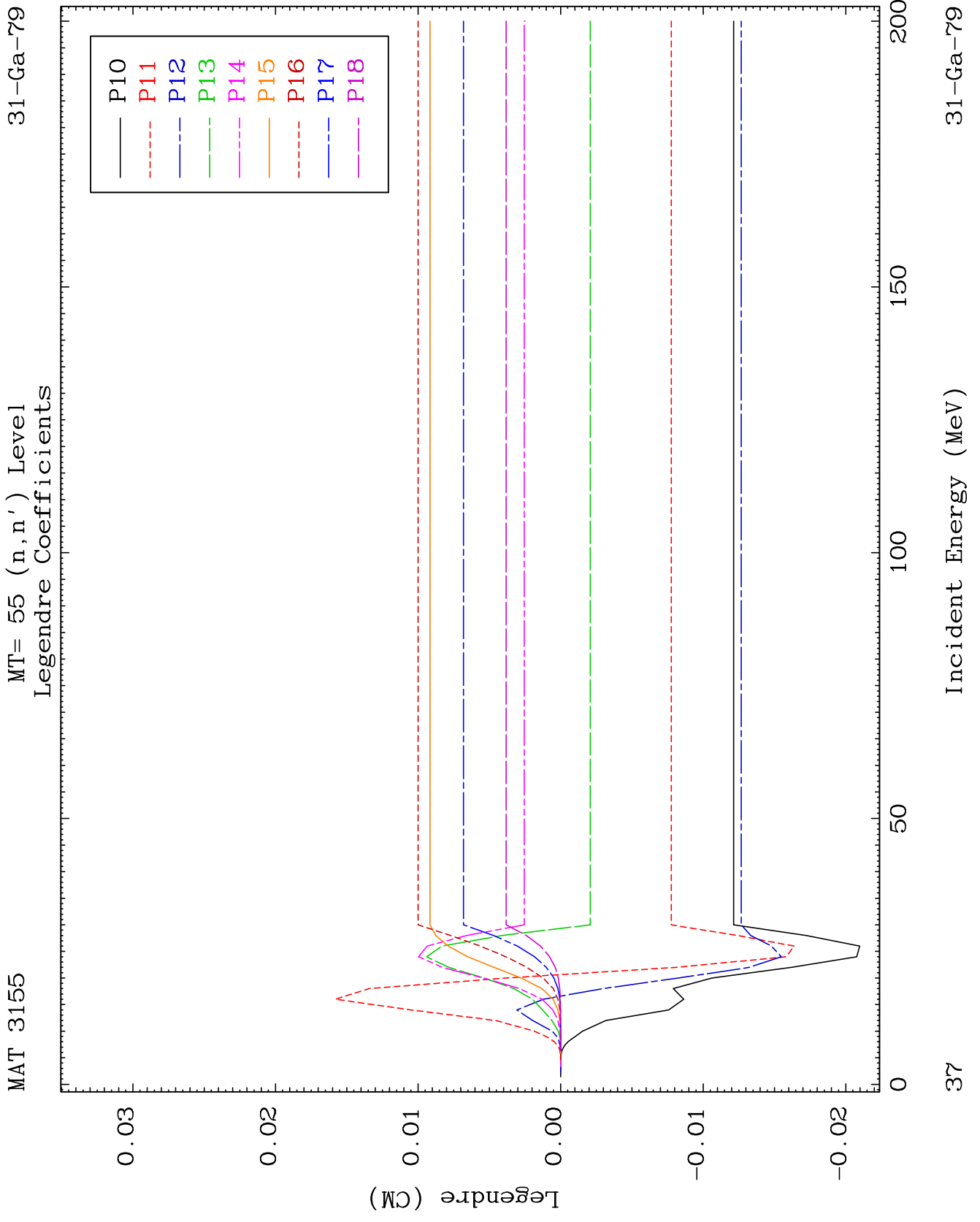


35

Incident Energy (MeV)

31-Ga-79

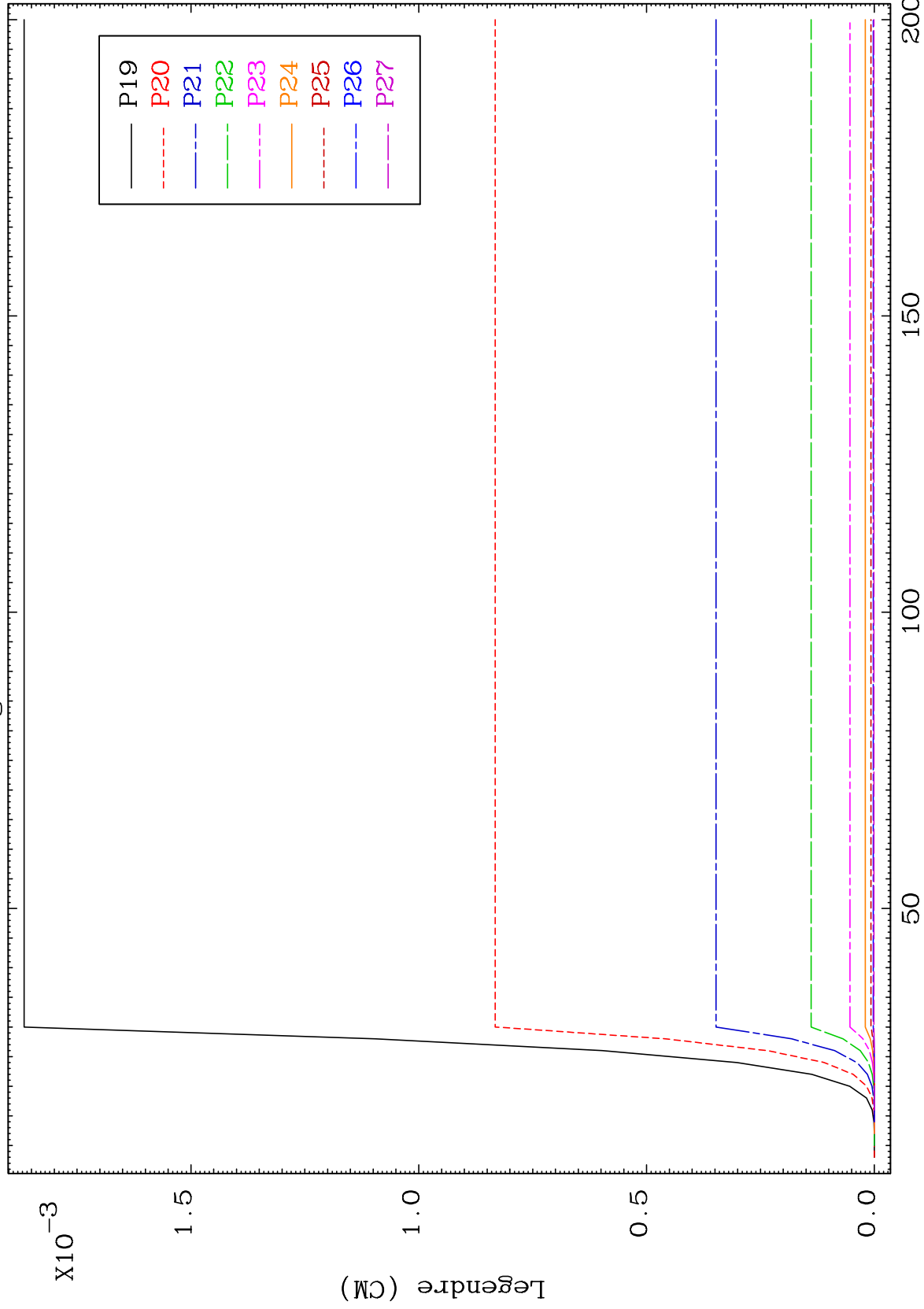




MAT 3155

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

31-Ga-79



38

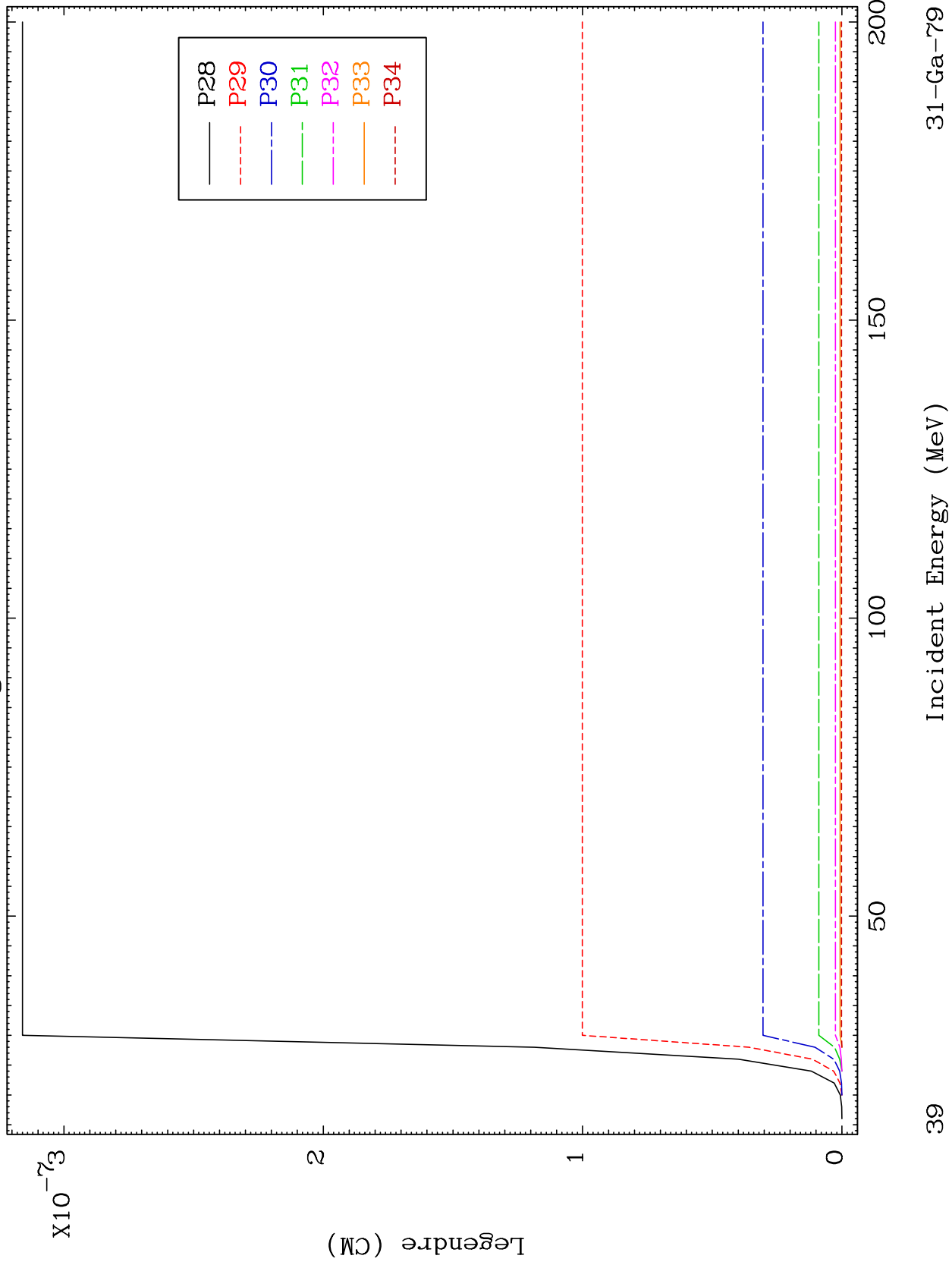
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



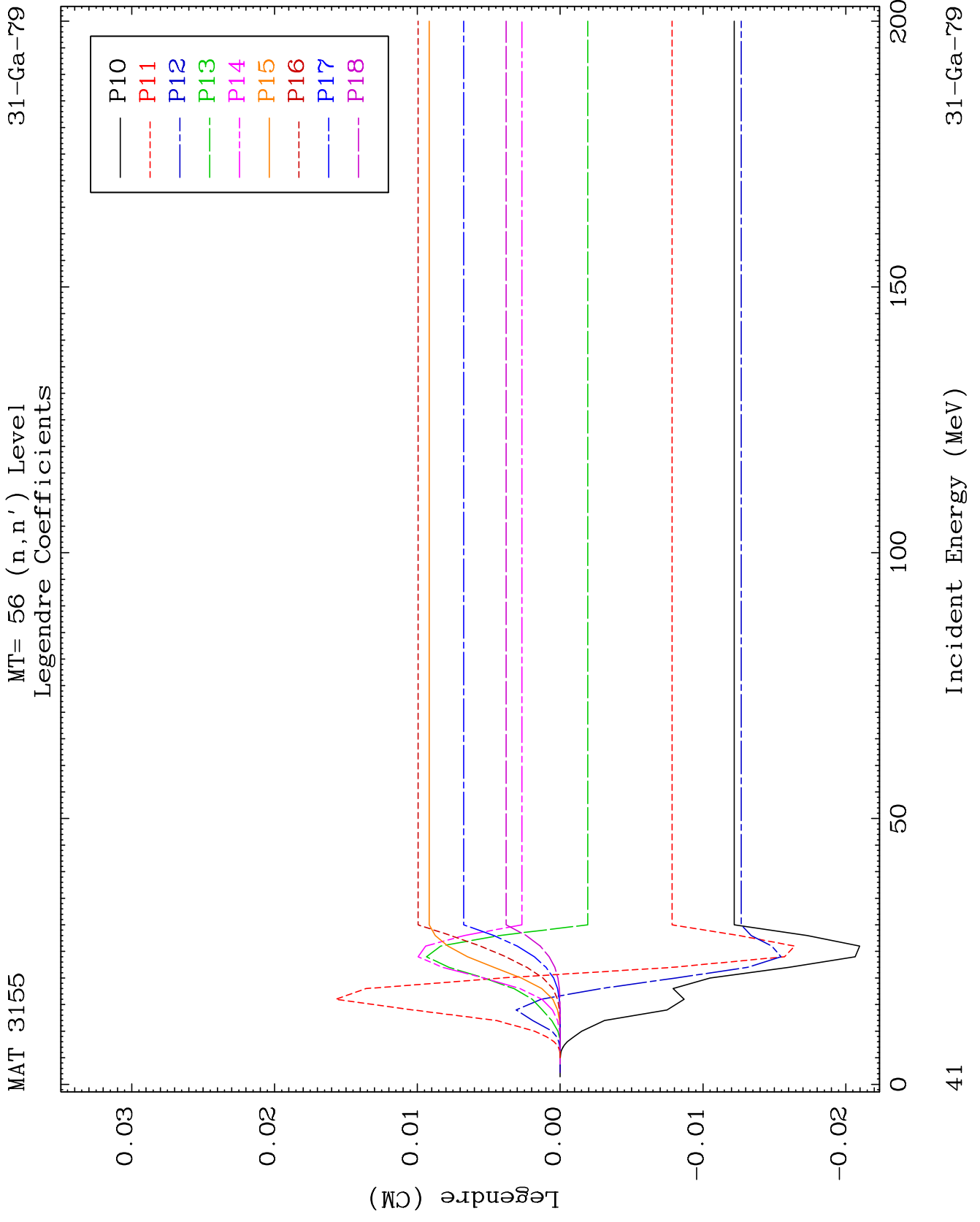
39

Incident Energy (MeV)

31-Ga-79



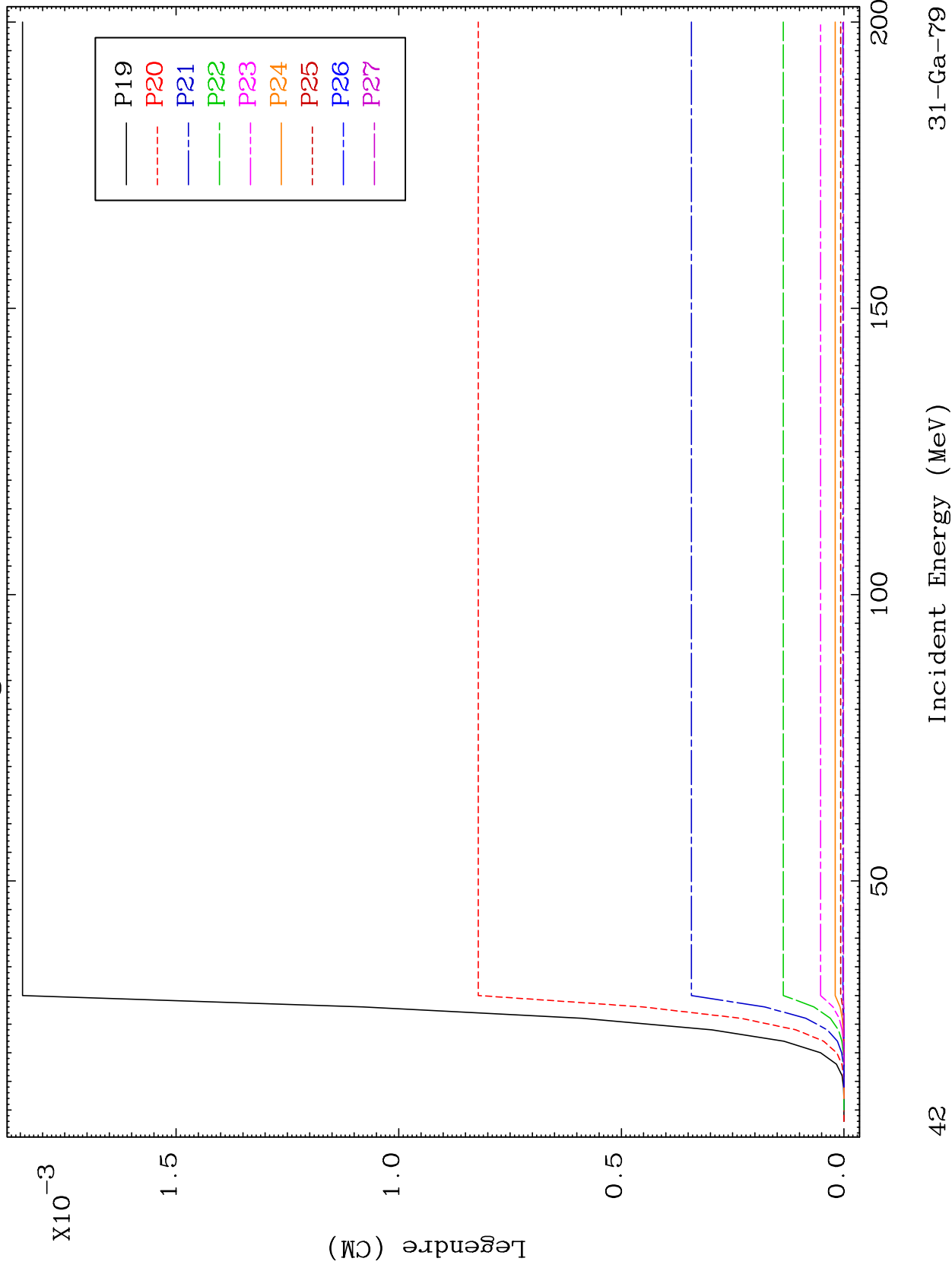




MAT 3155

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

31-Ga-79



42

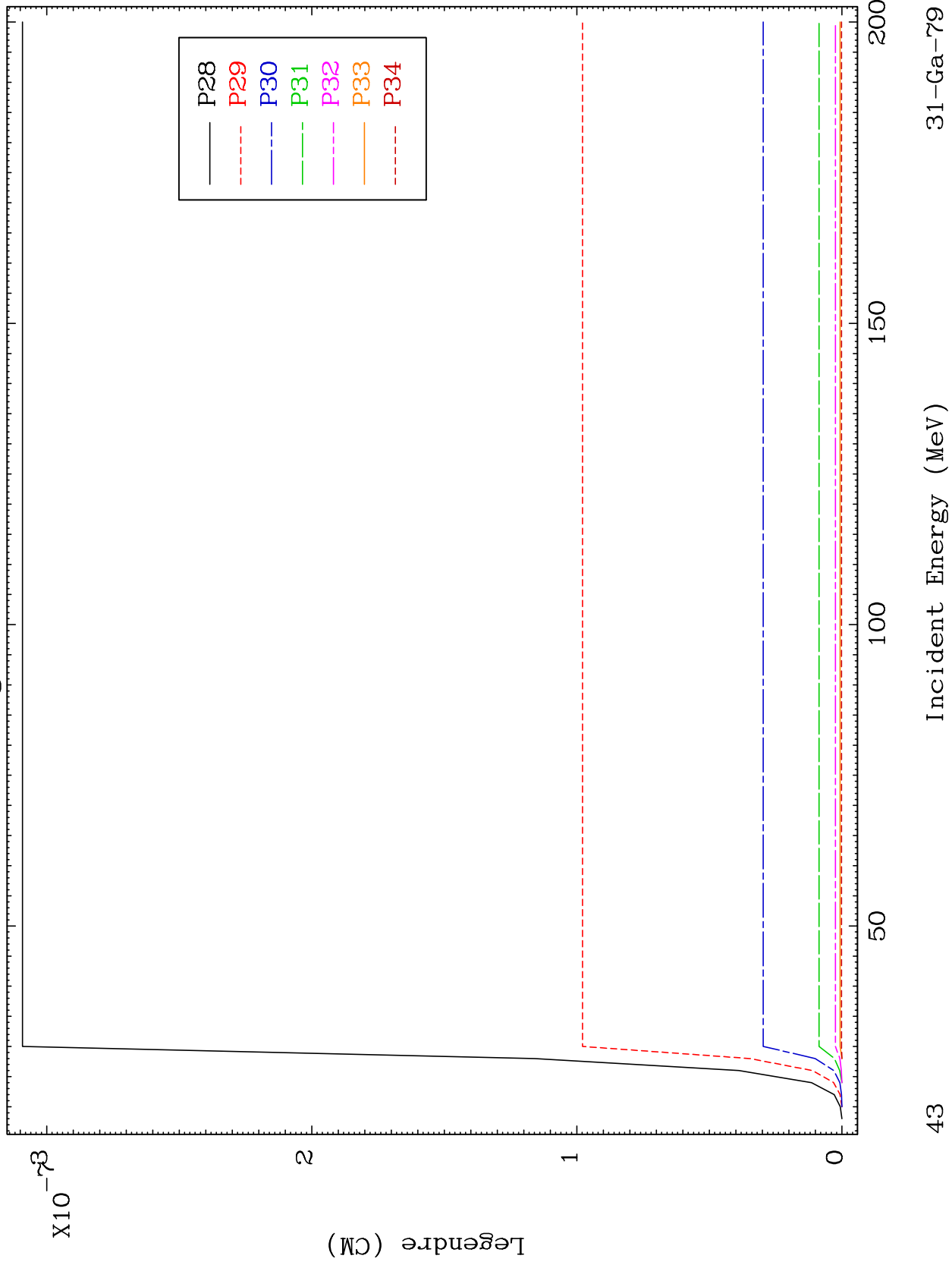
Incident Energy (MeV)

31-Ga-79

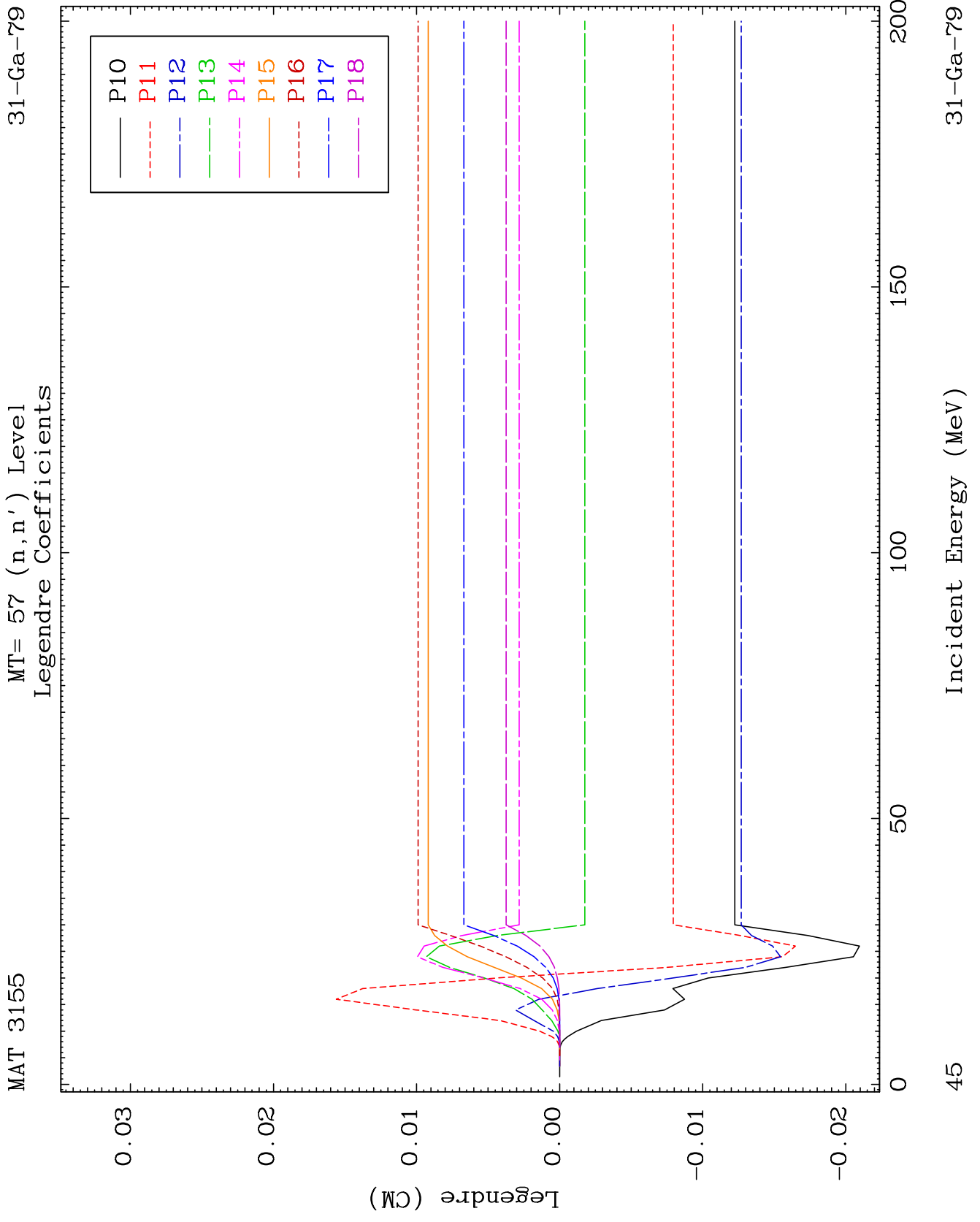
MAT 3155

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

31-Ga-79



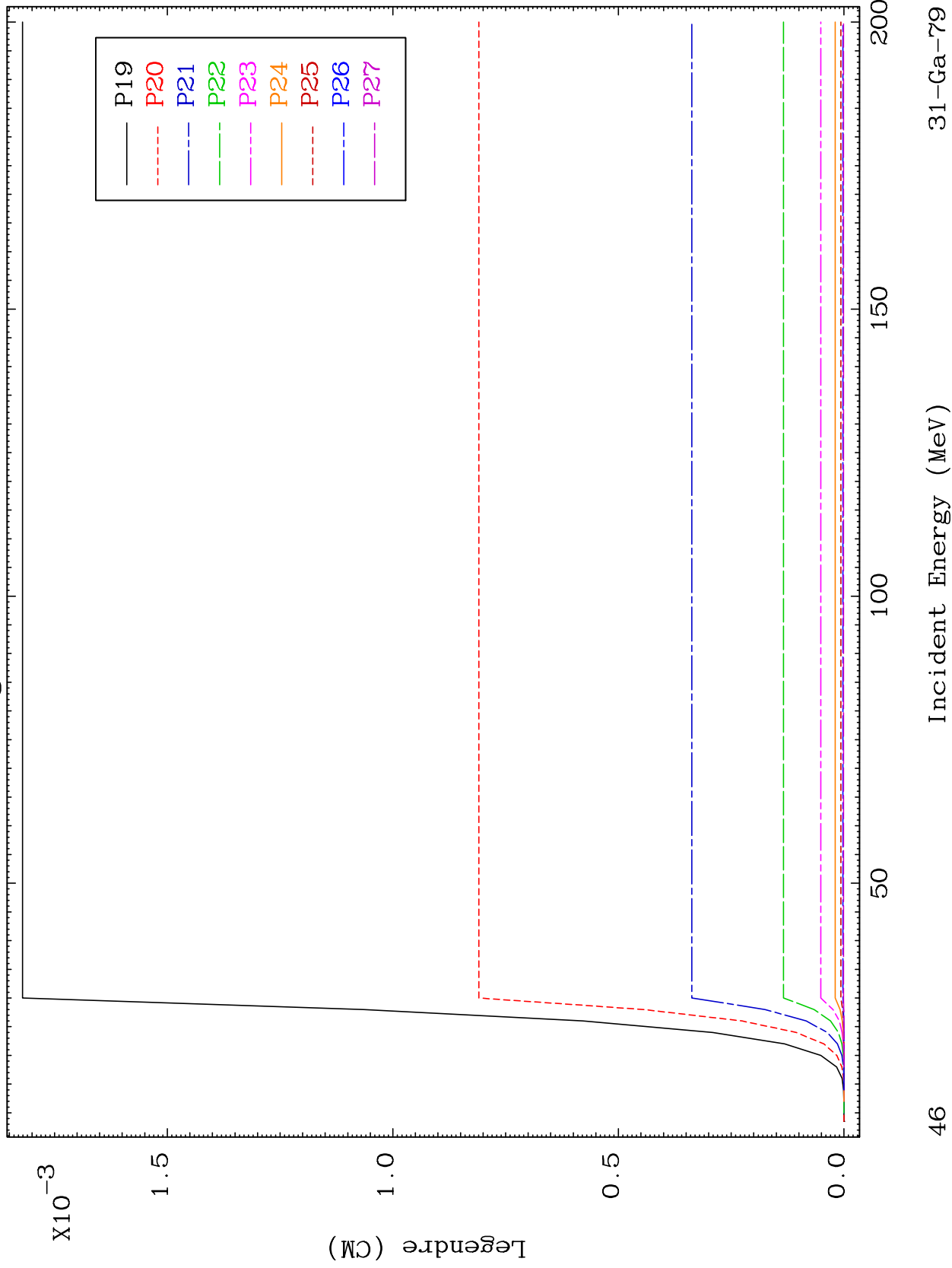




MAT 3155

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

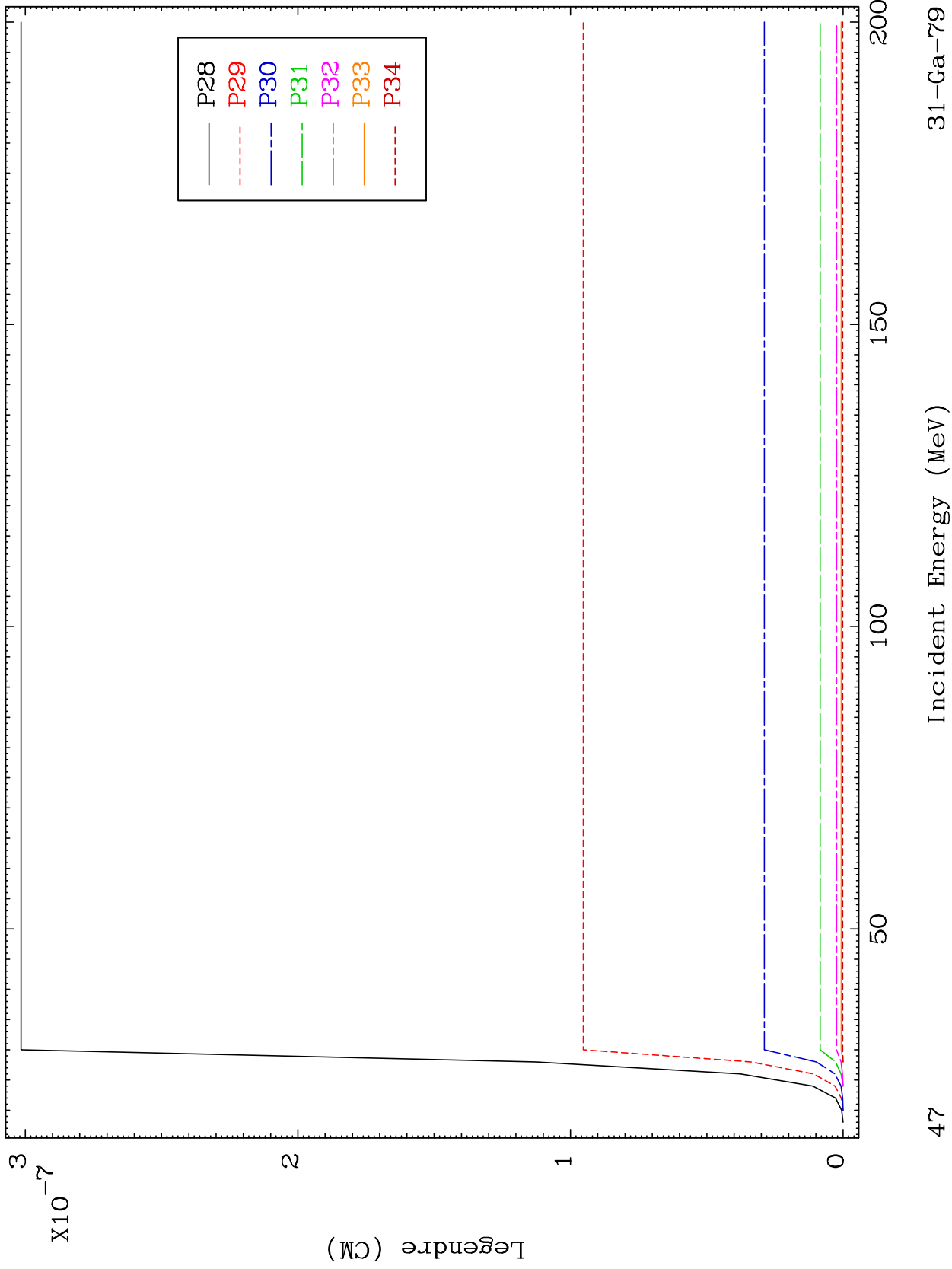
31-Ga-79



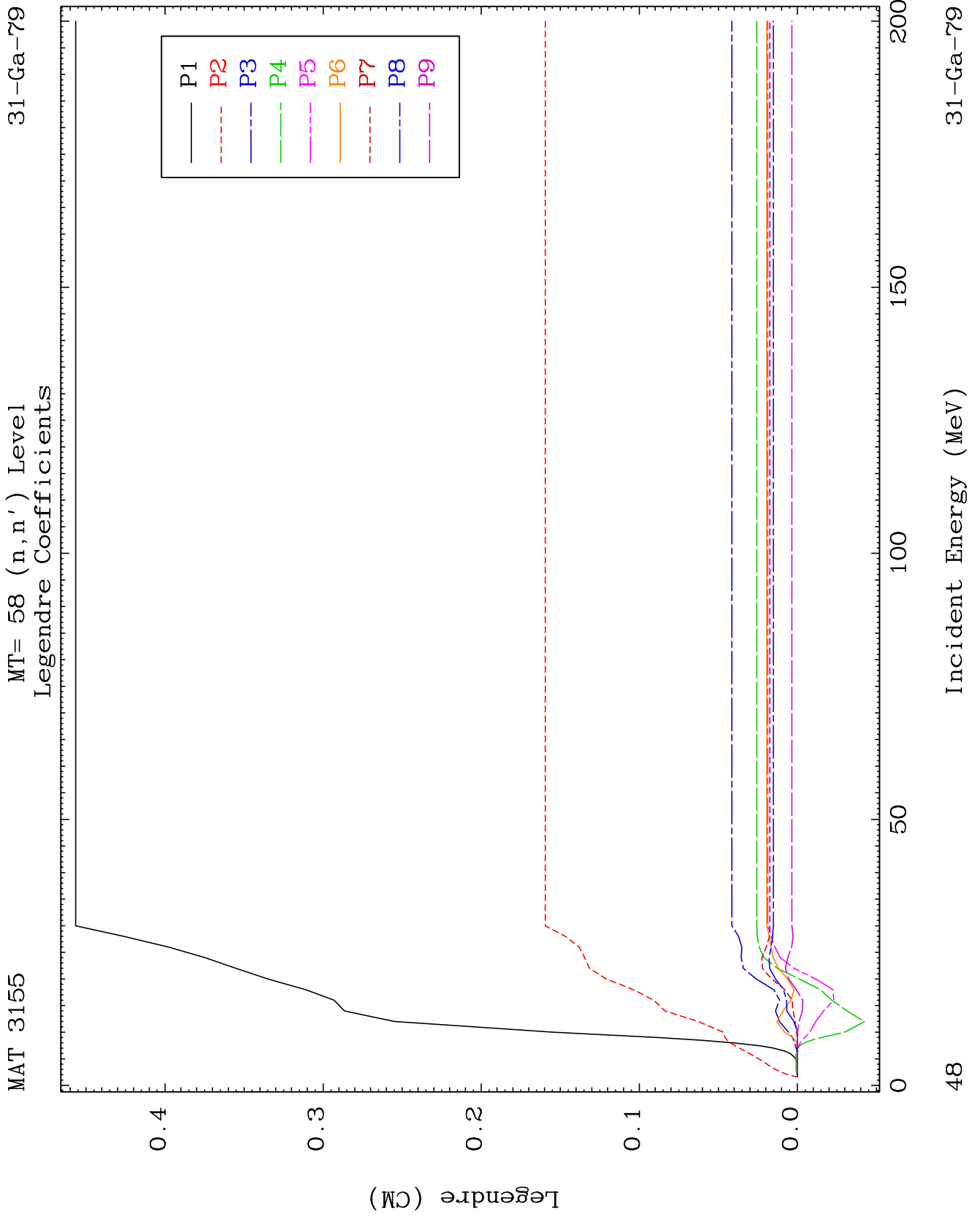
MAT 3155

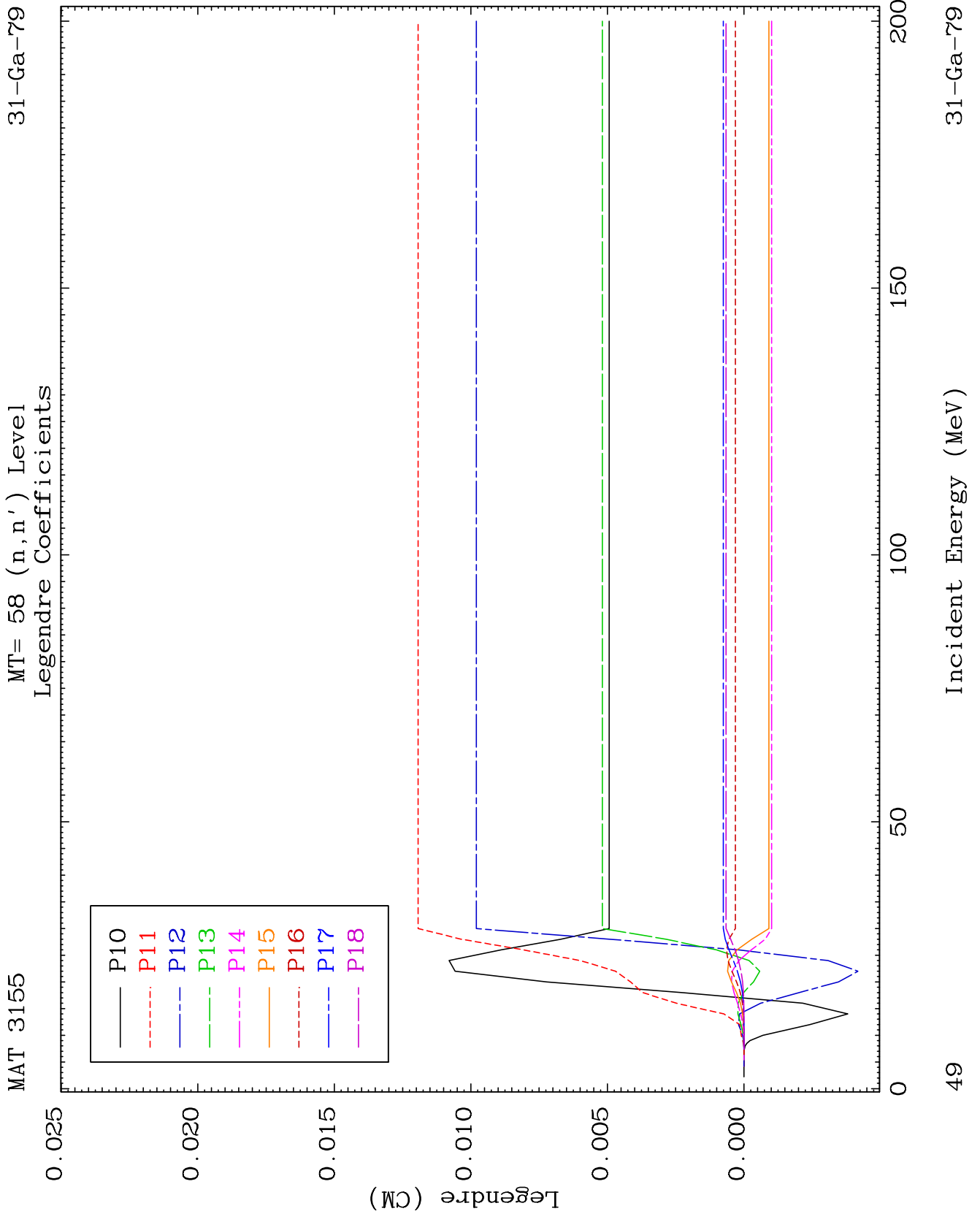
MT= 57 (n,n') Level  
Legendre Coefficients

31-Ga-79







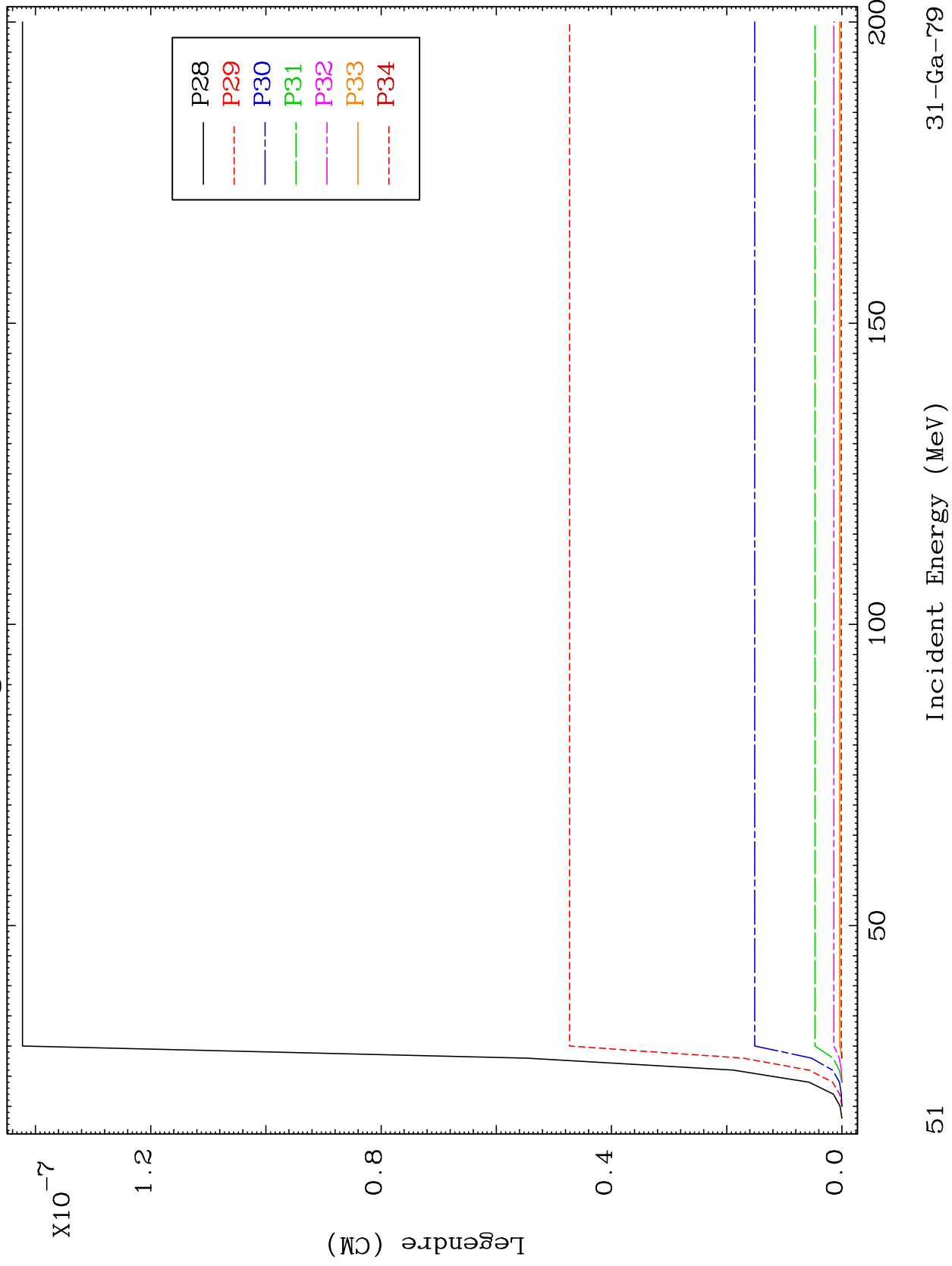




MAT 3155

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

31-Ga-79



51

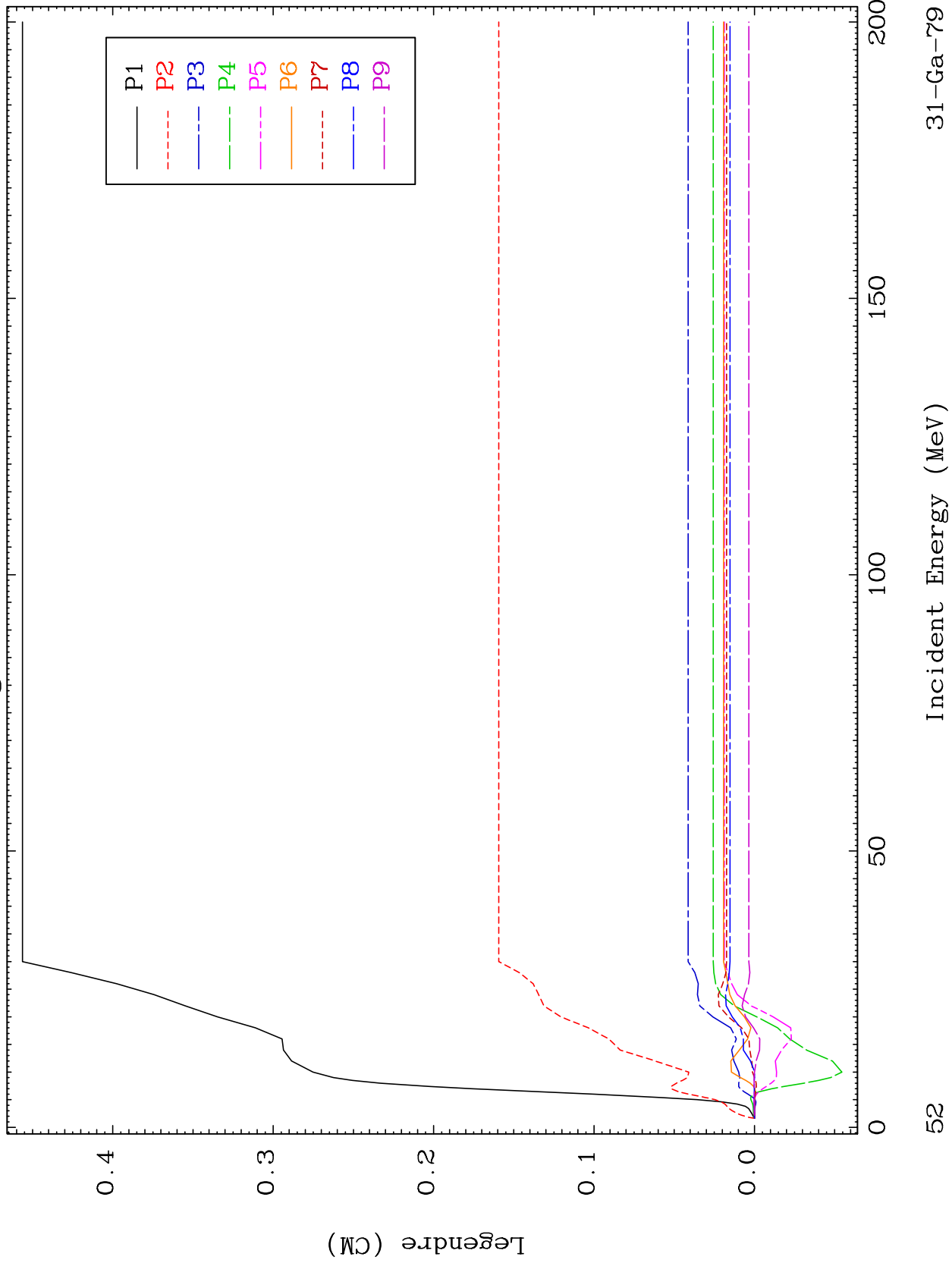
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



31-Ga-79

Incident Energy (MeV)

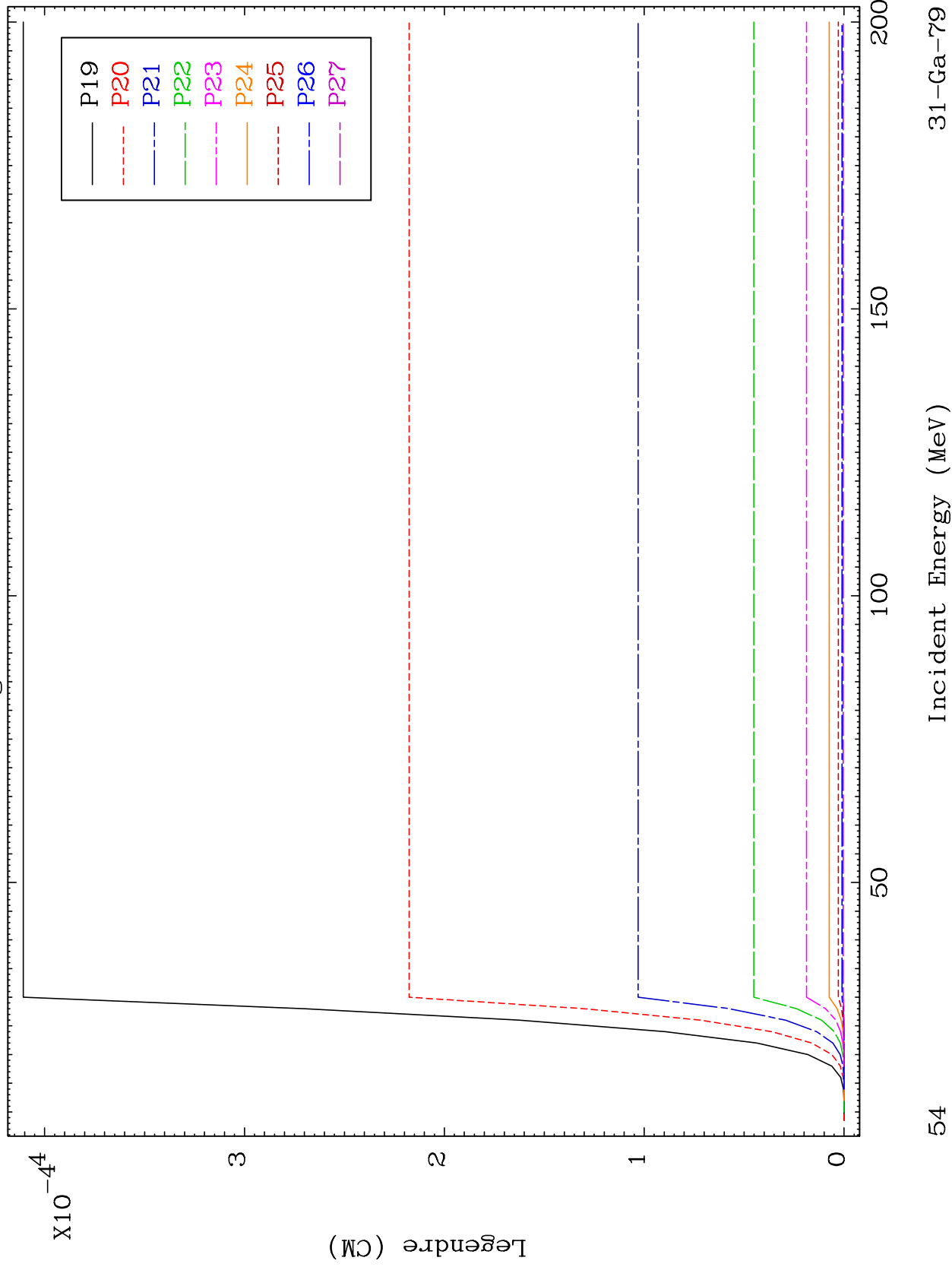
52



MAT 3155

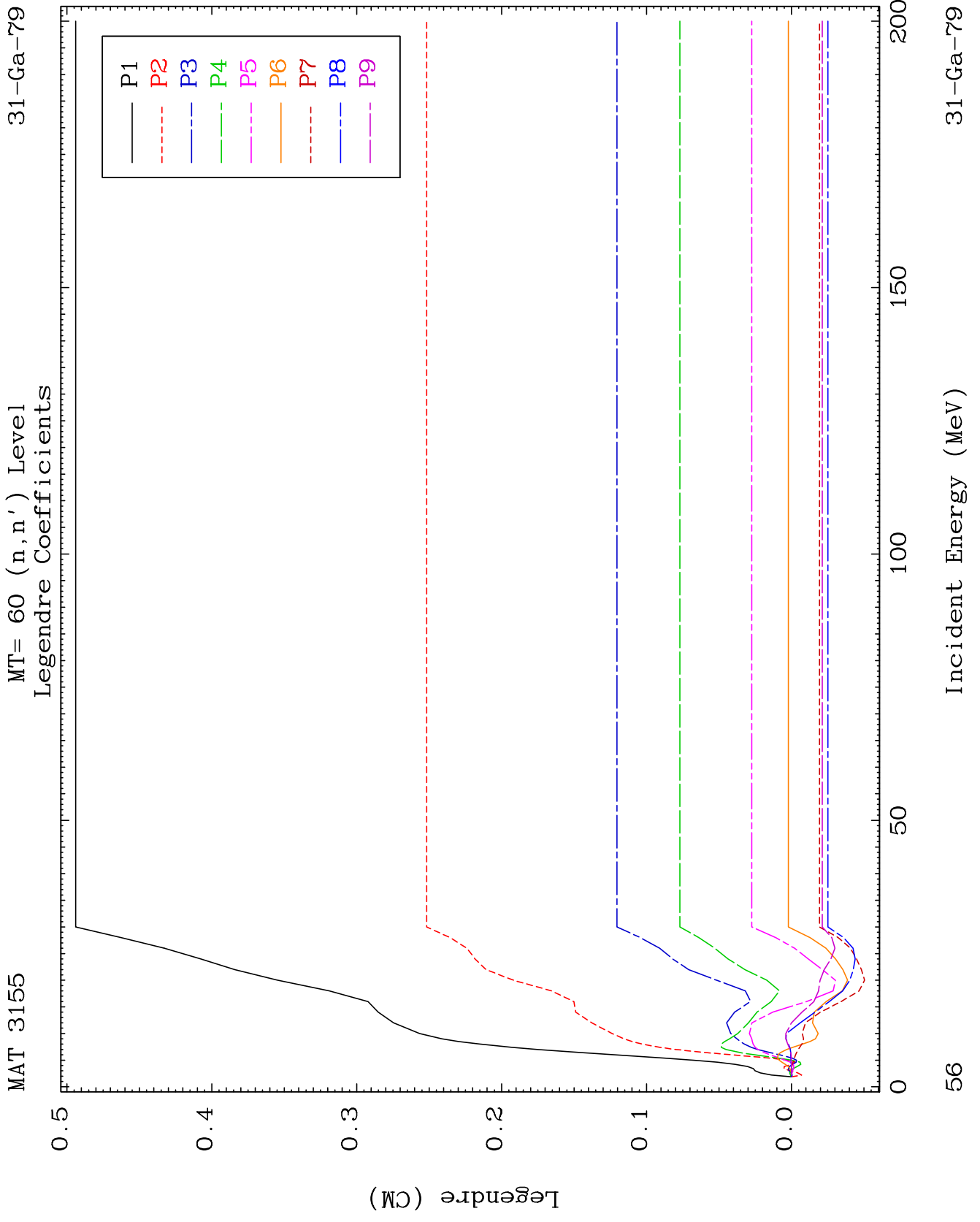
MT= 59 (n,n') Level  
Legendre Coefficients

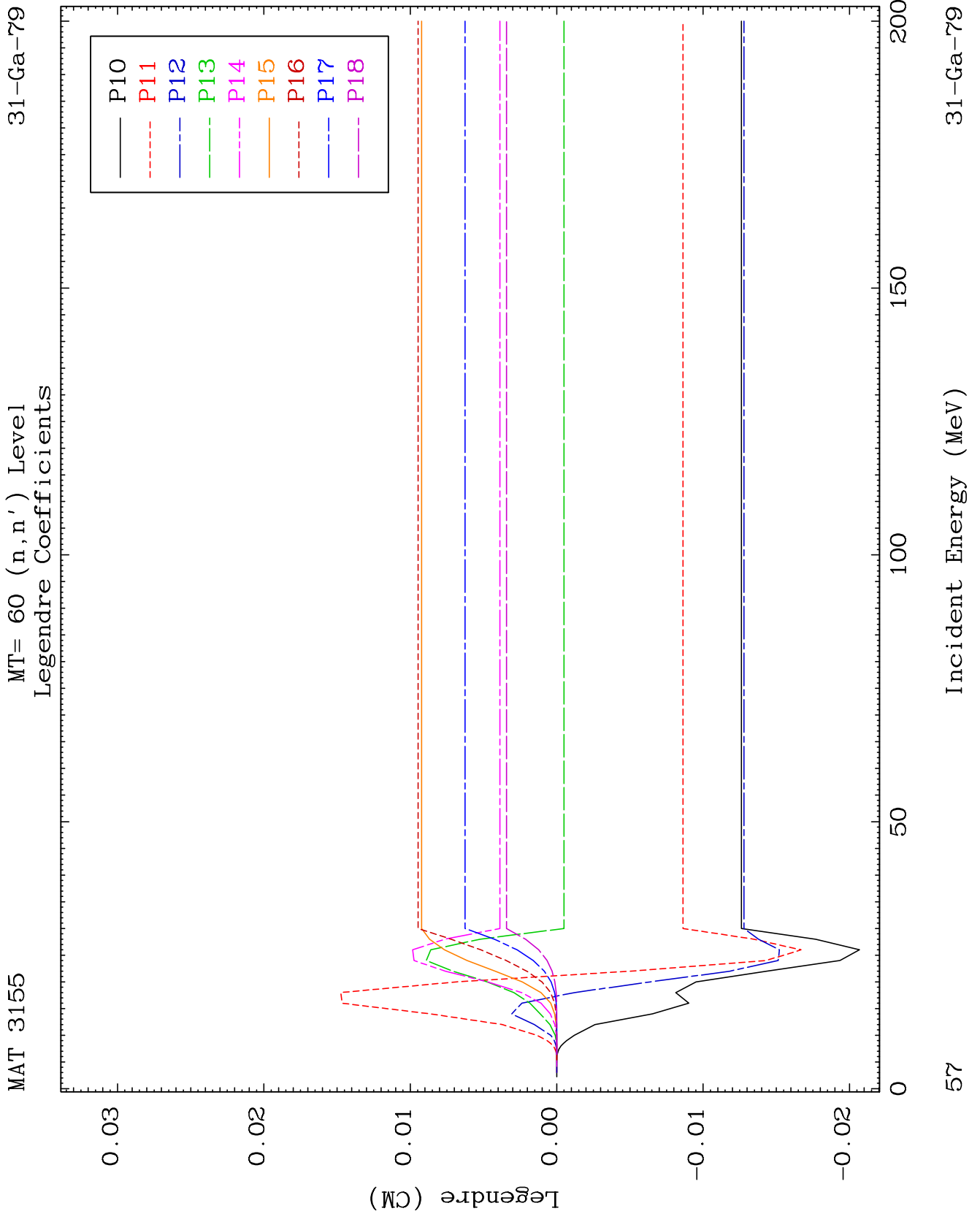
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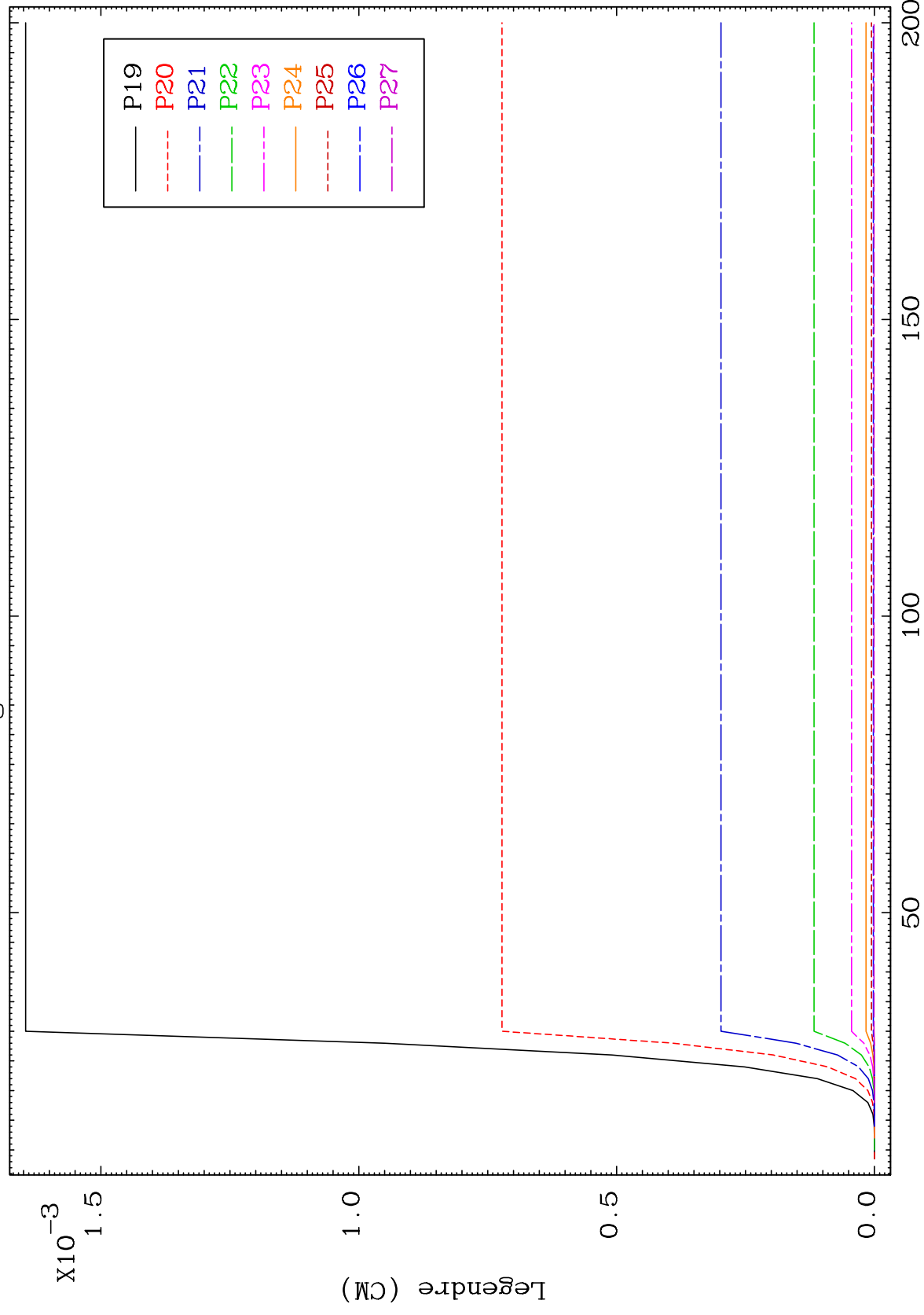




MAT 3155

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

31-Ga-79



58

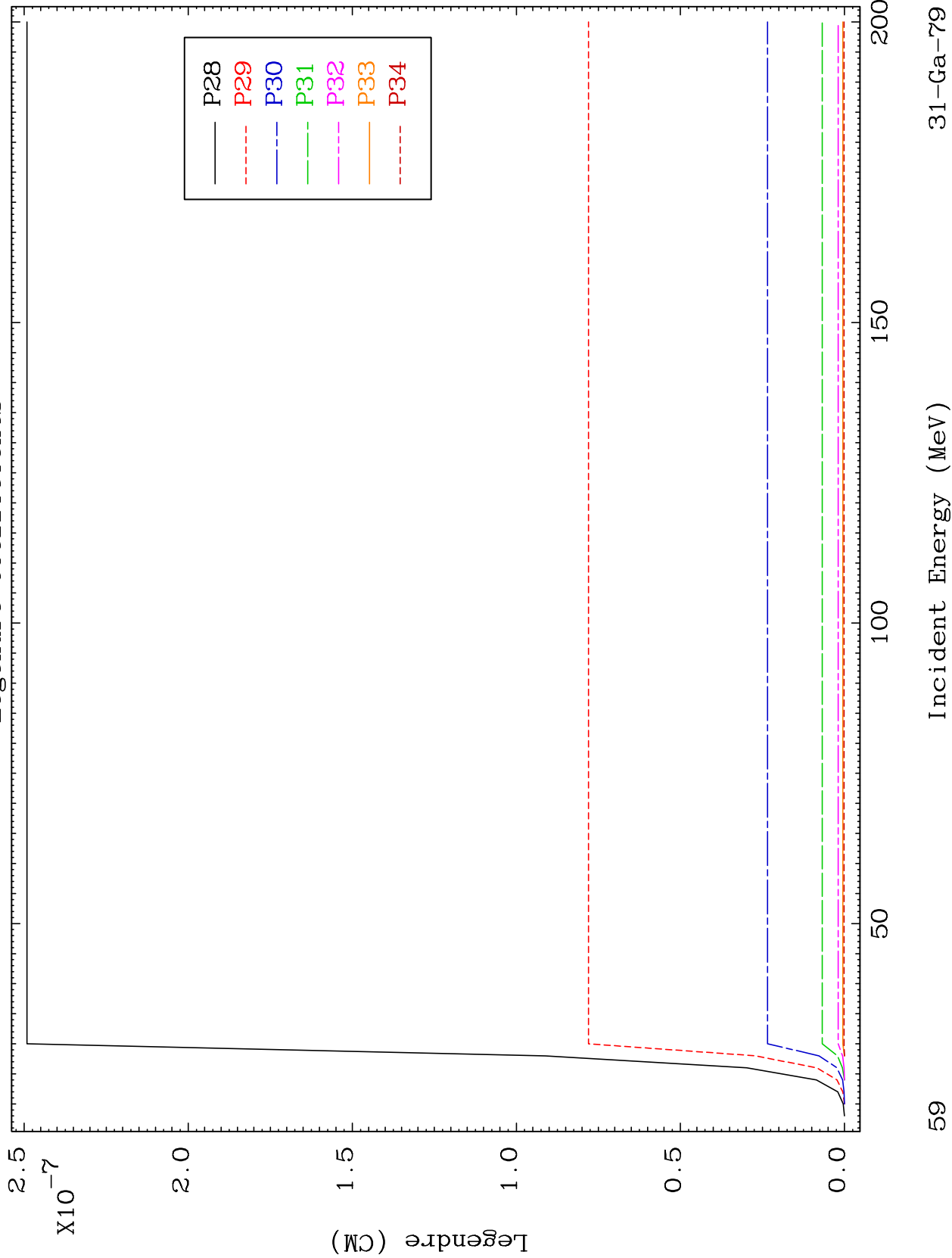
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



59

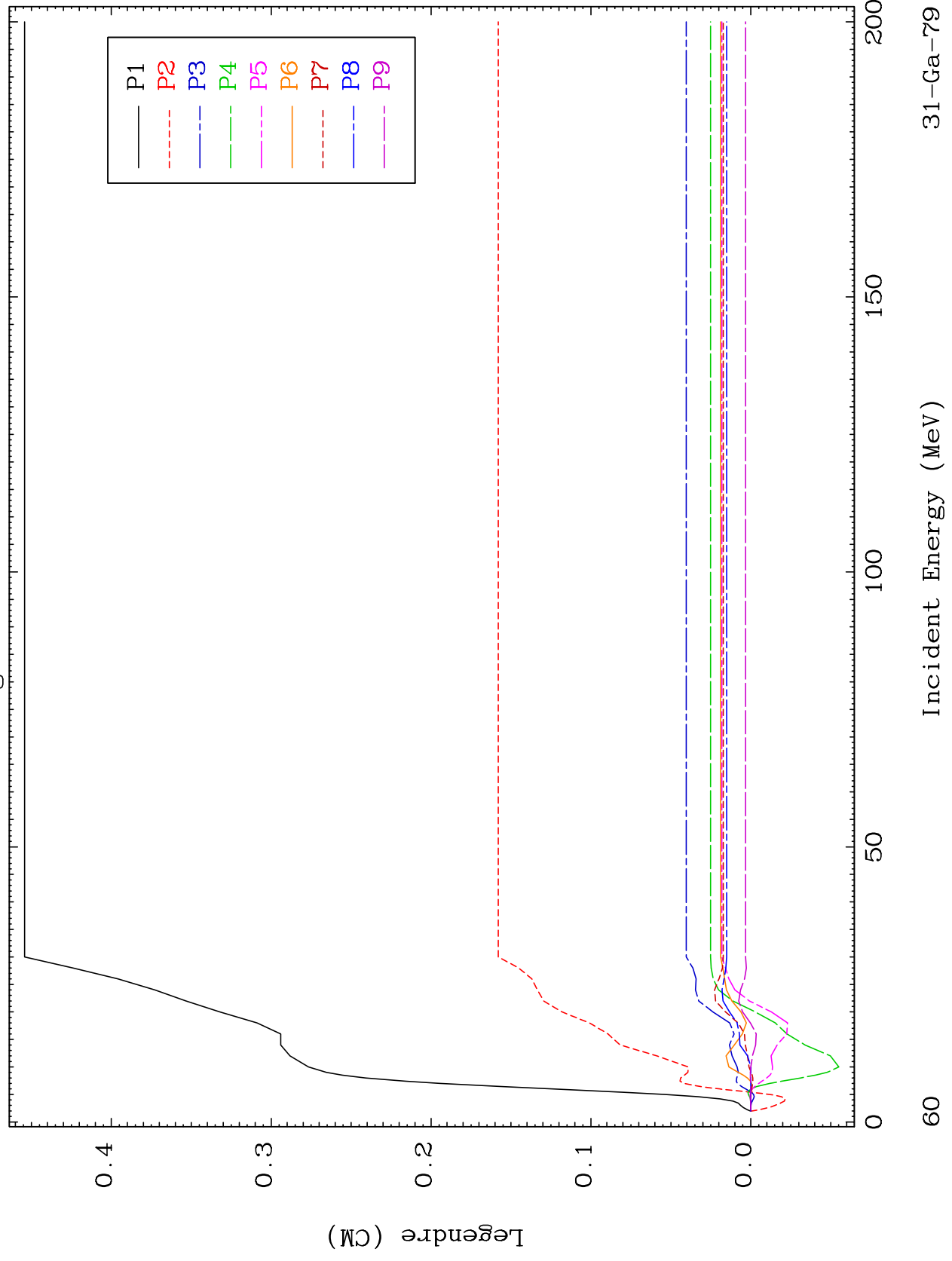
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79

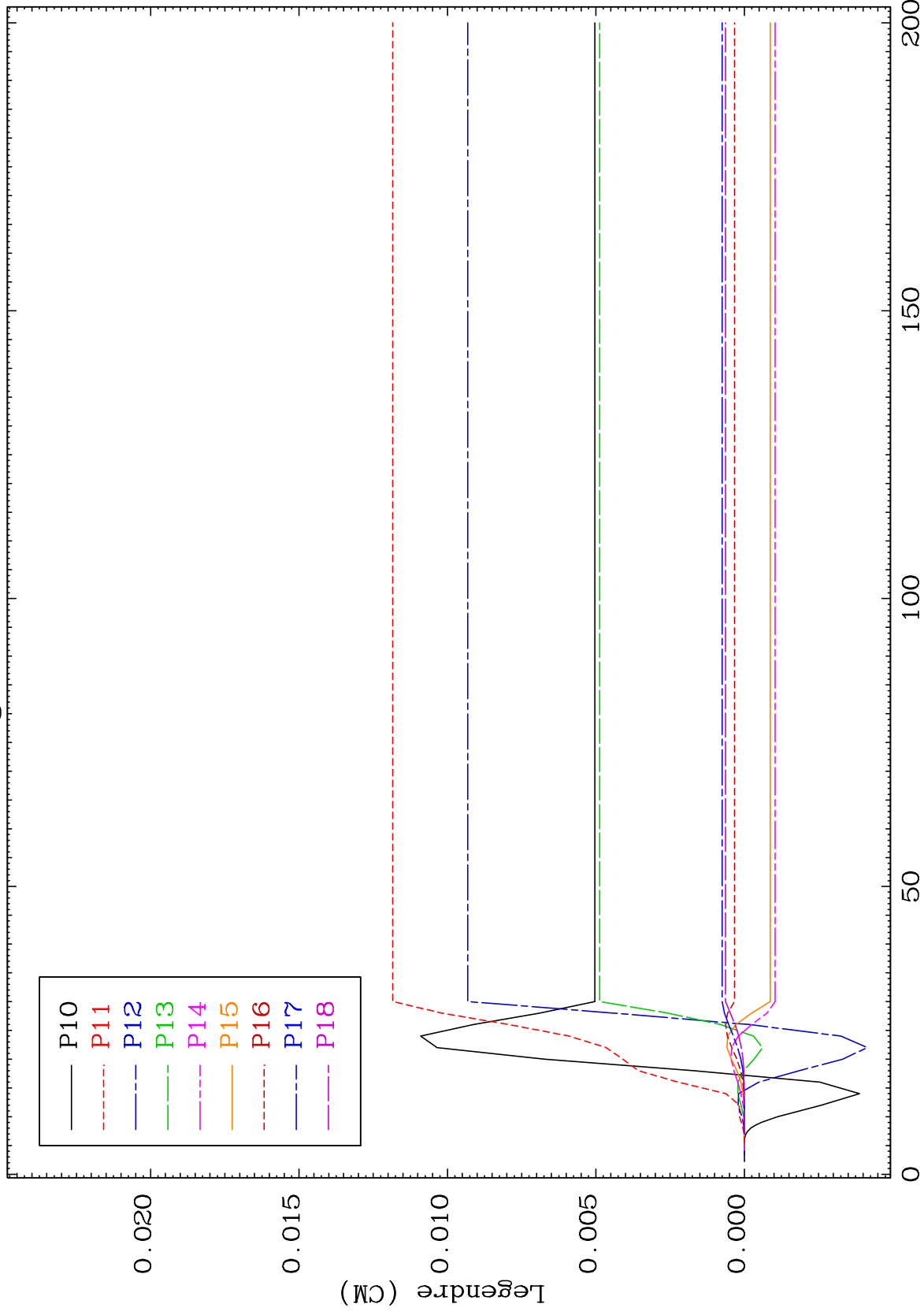


31-Ga-79

MAT 3155

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

31-Ga-79

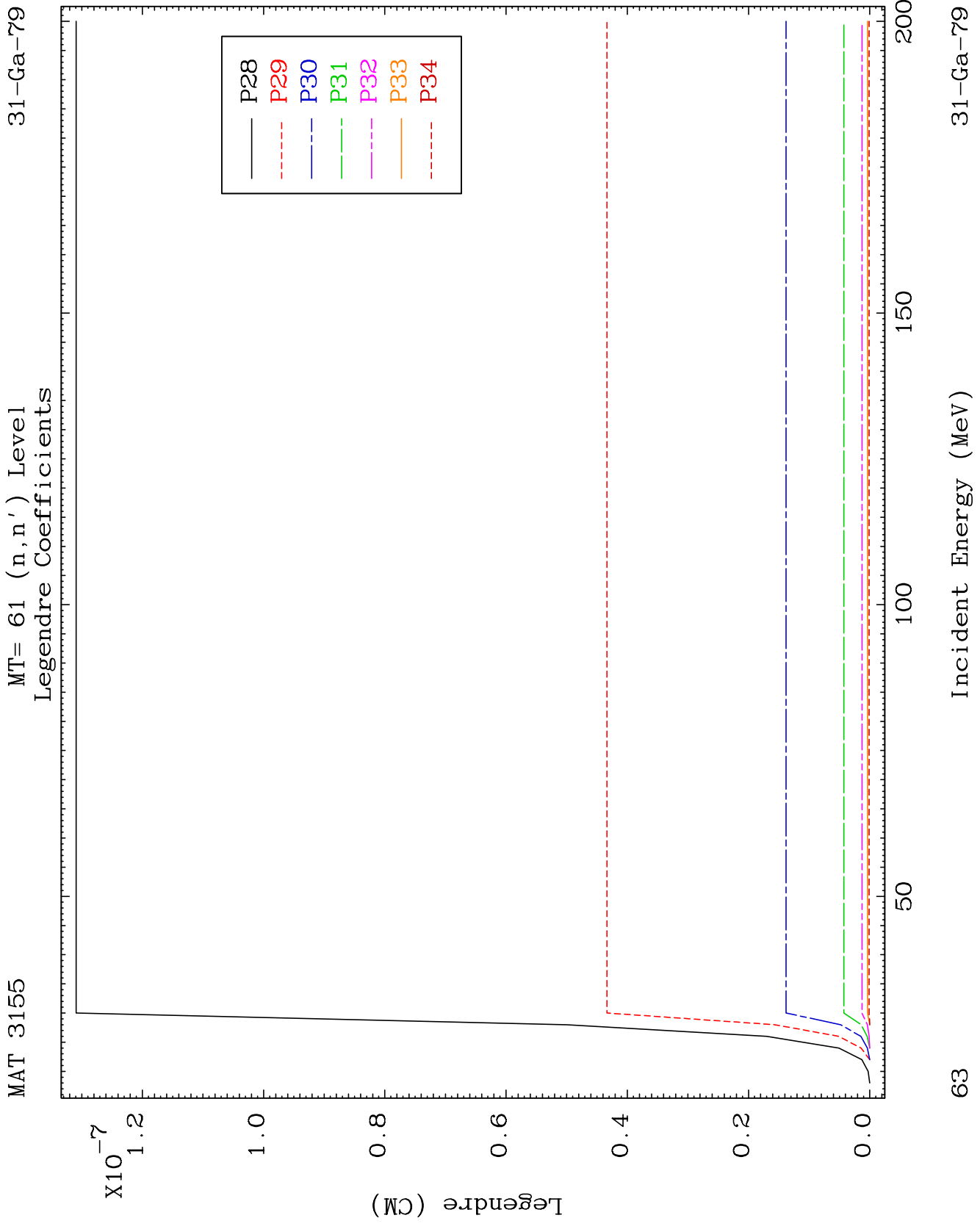


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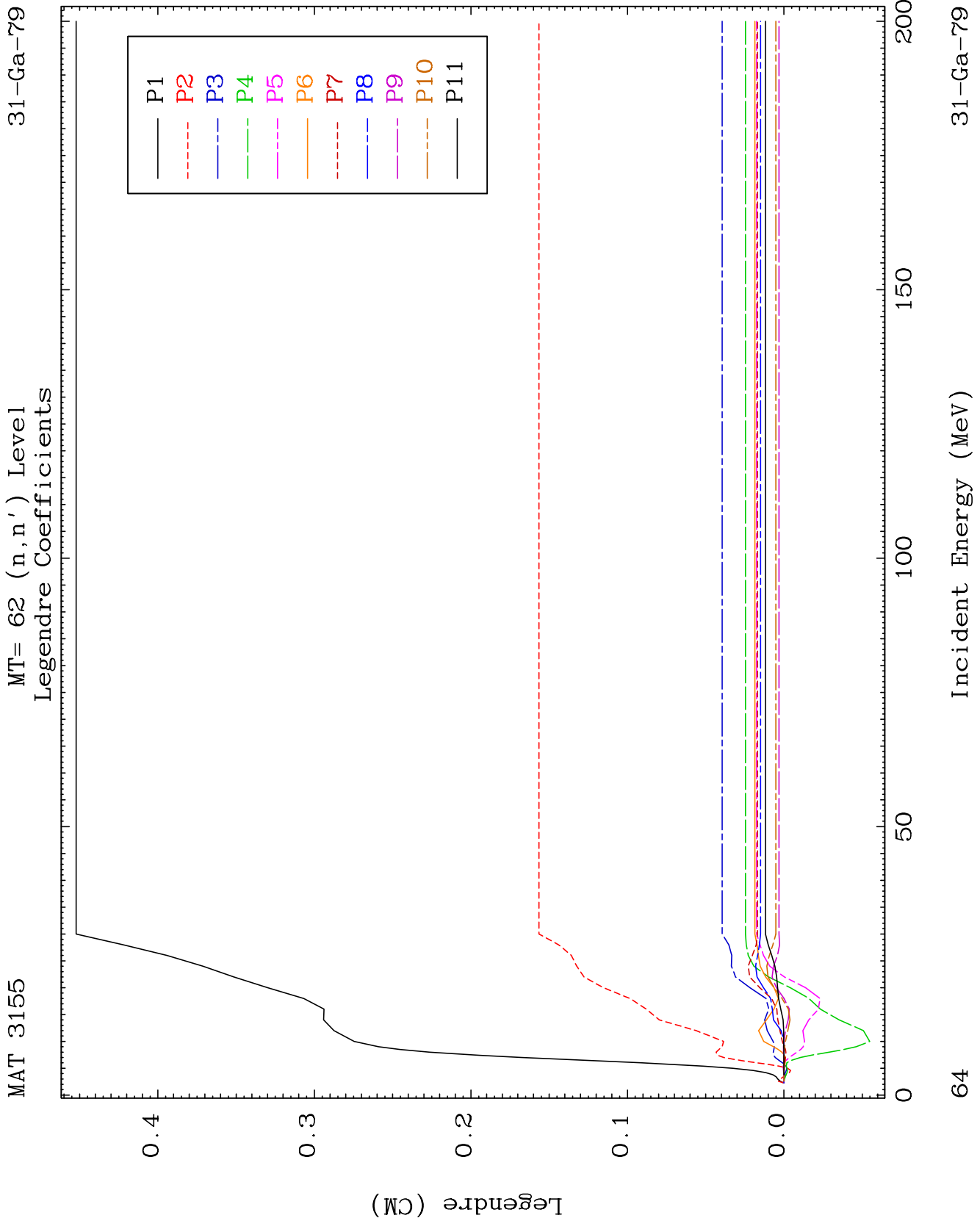
Incident Energy (MeV)

31-Ga-79





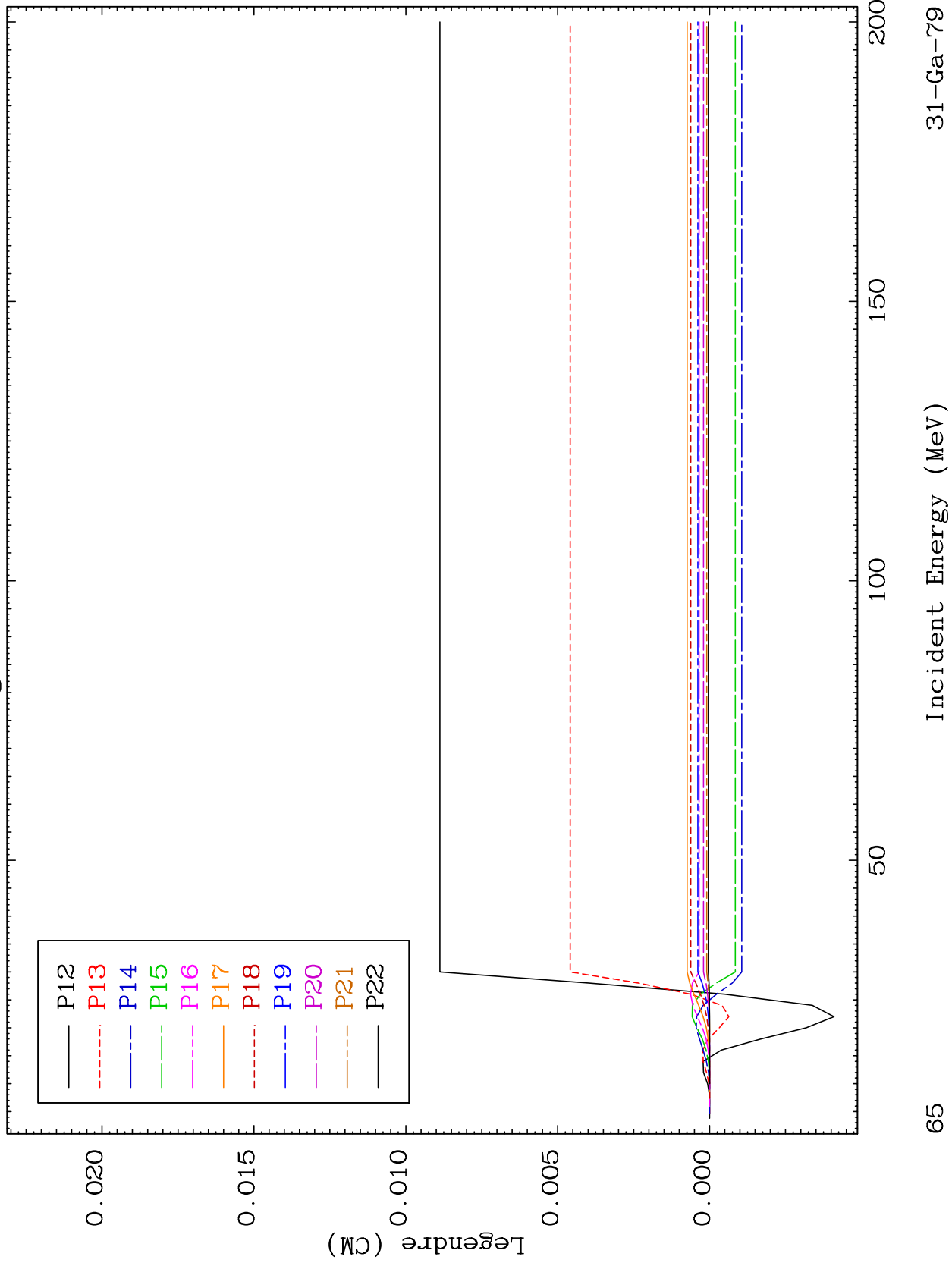




MAT 3155

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

31-Ga-79



65

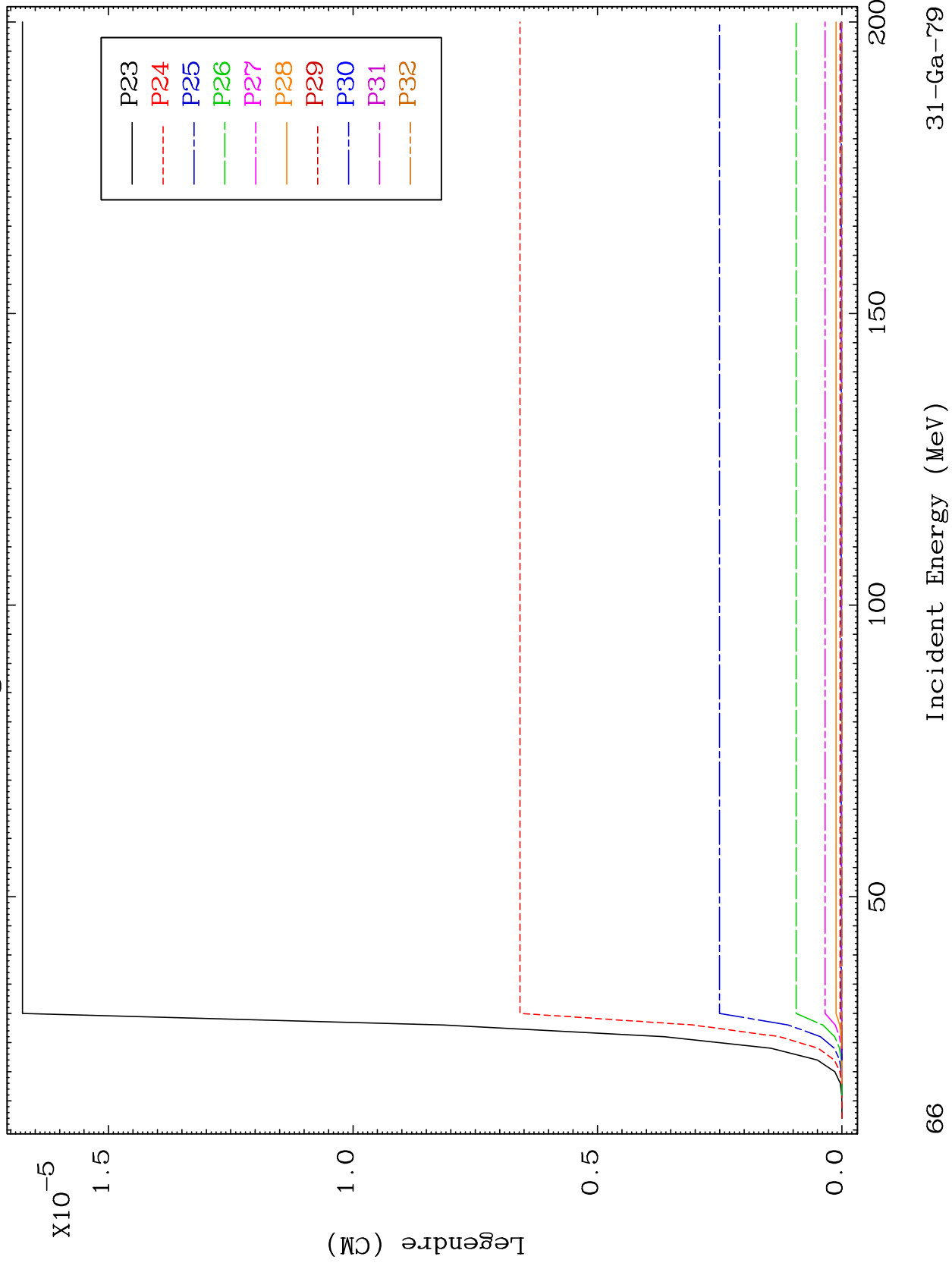
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



66

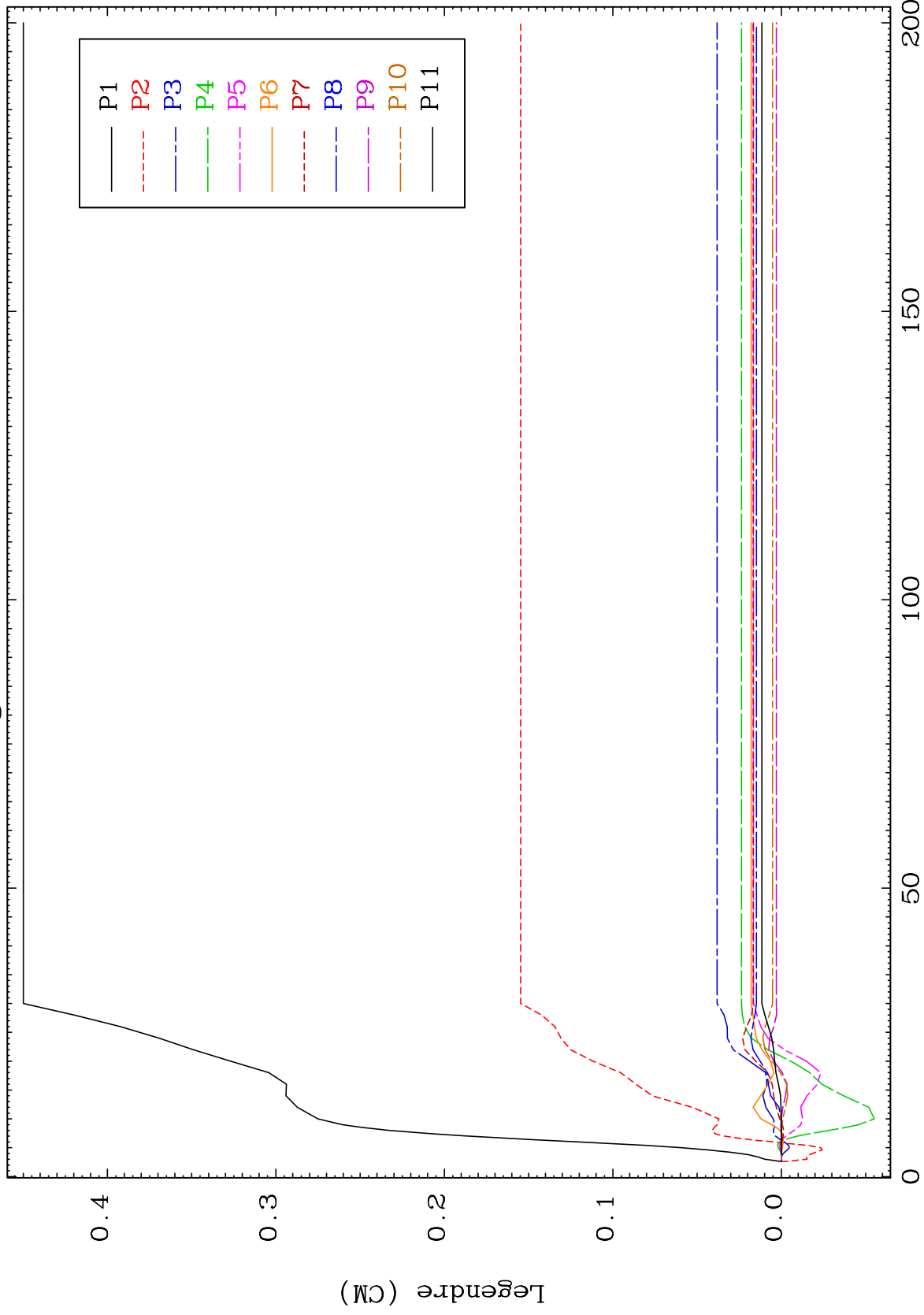
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



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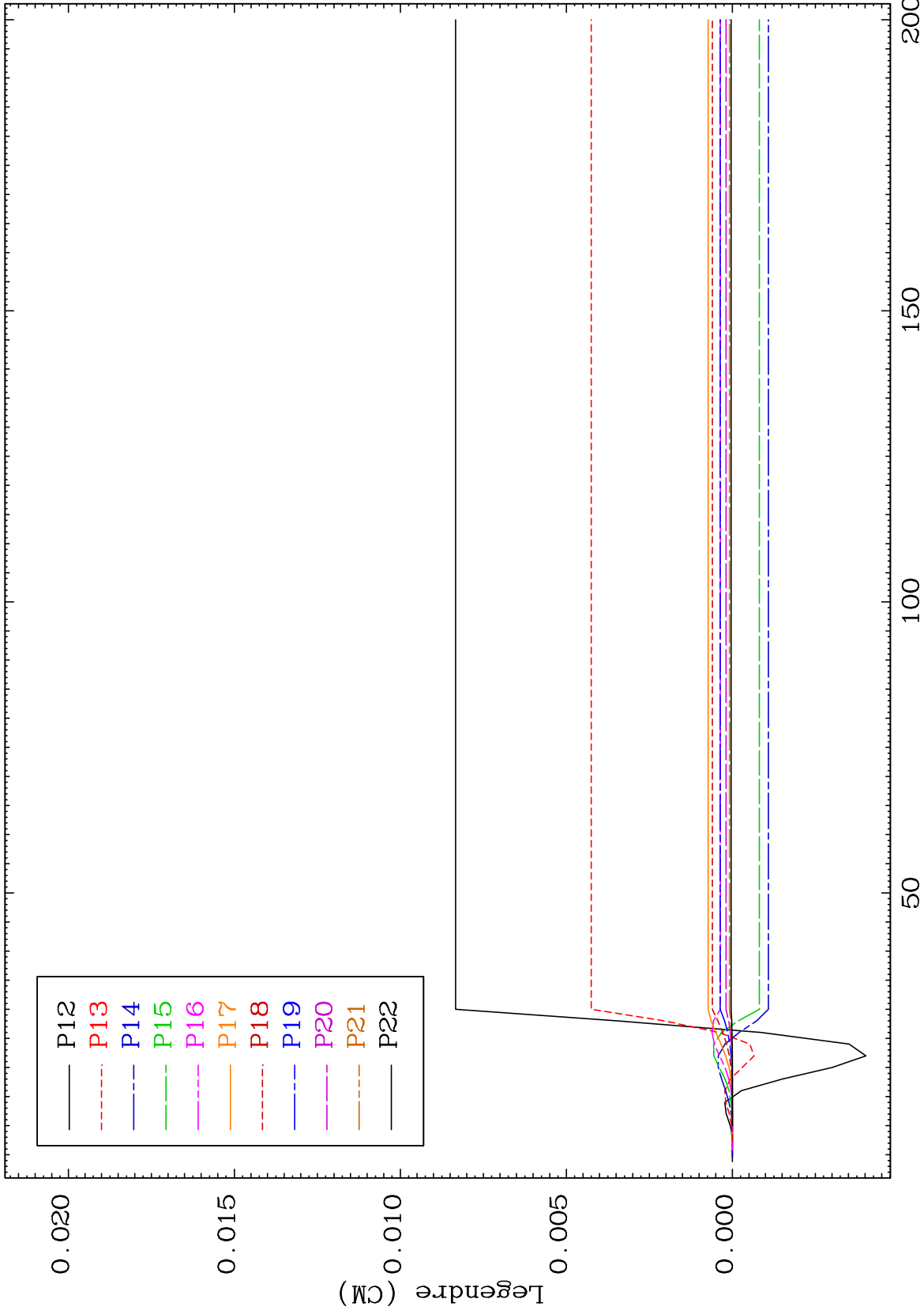
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



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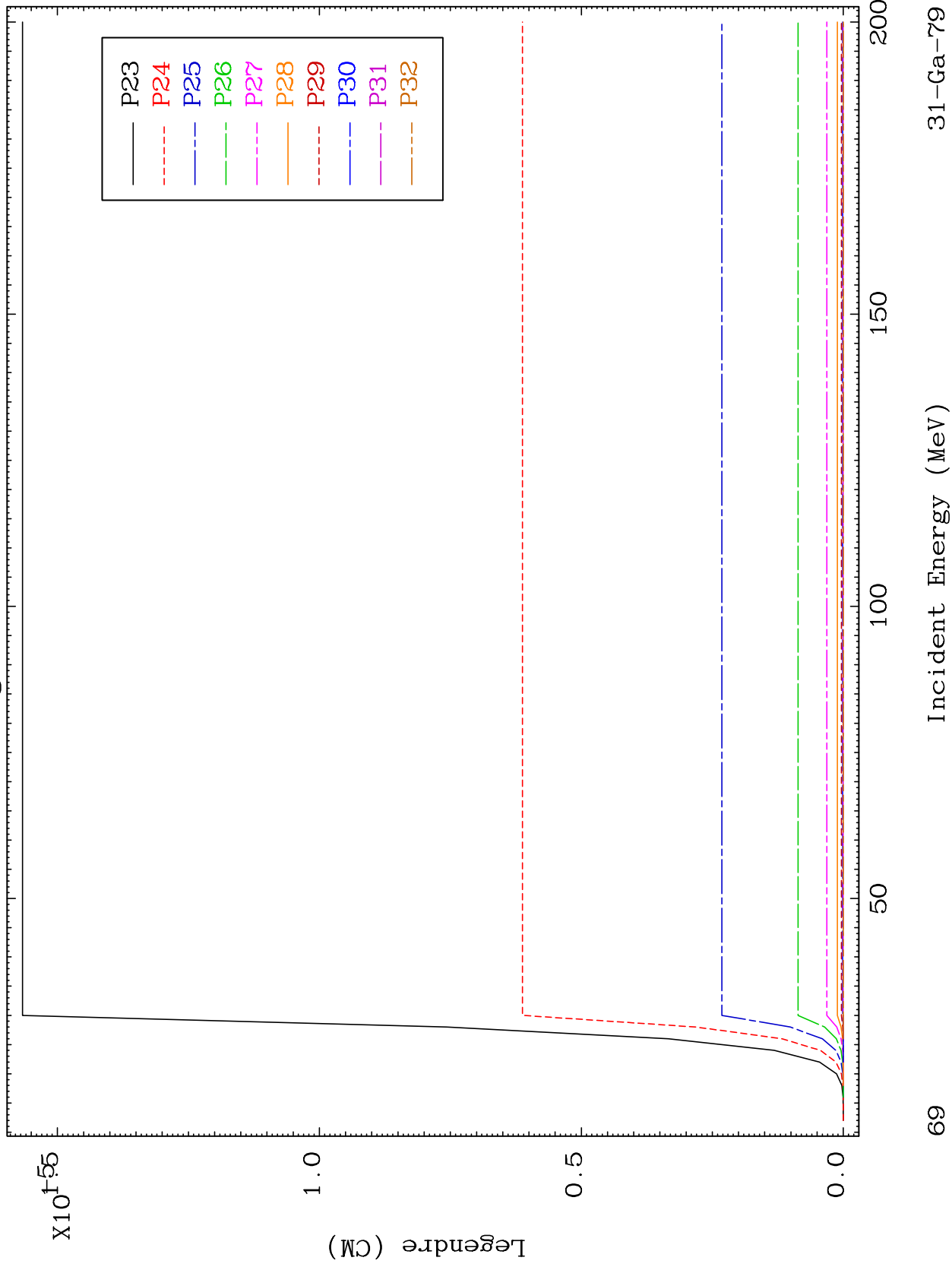
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

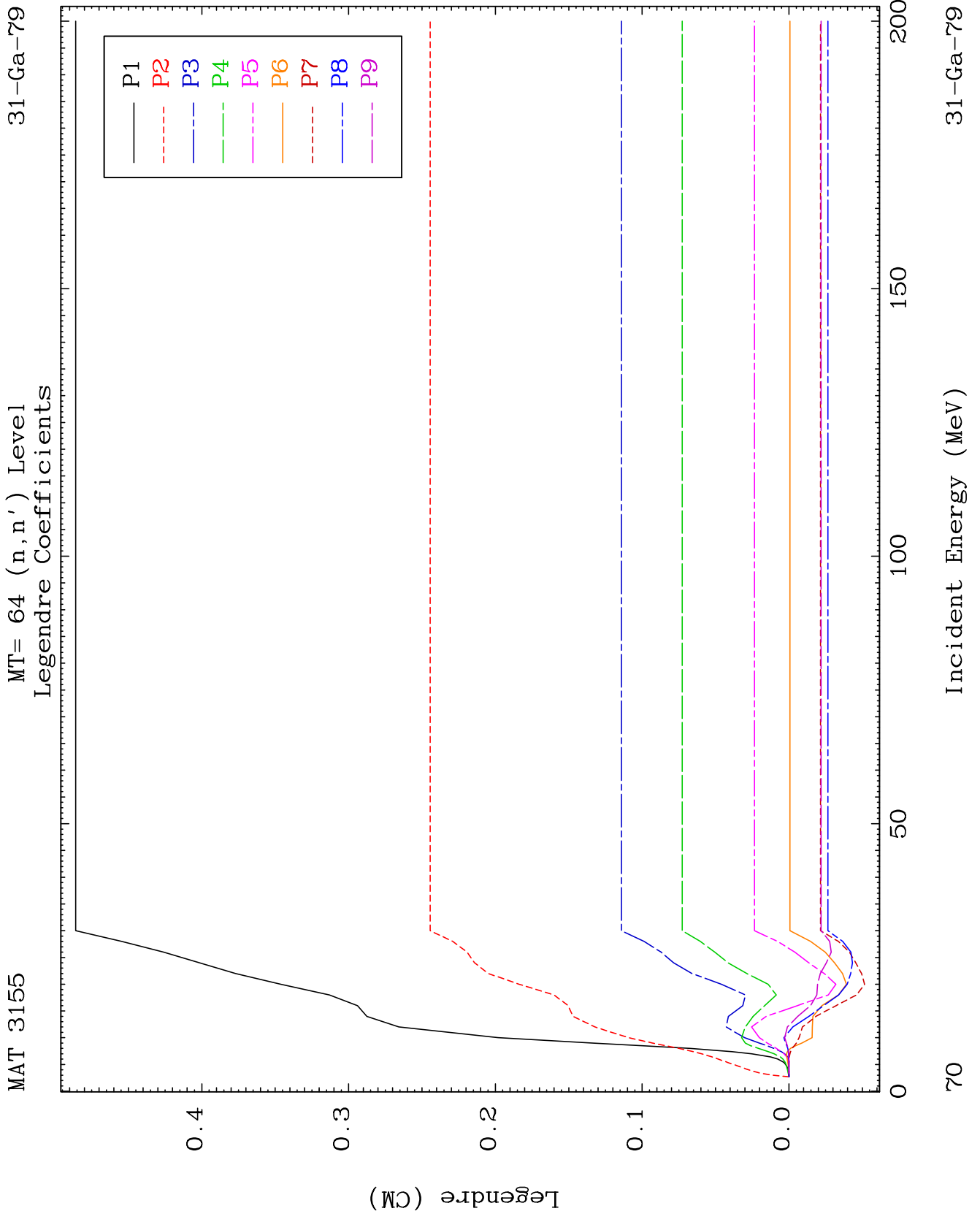
31-Ga-79



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Incident Energy (MeV)

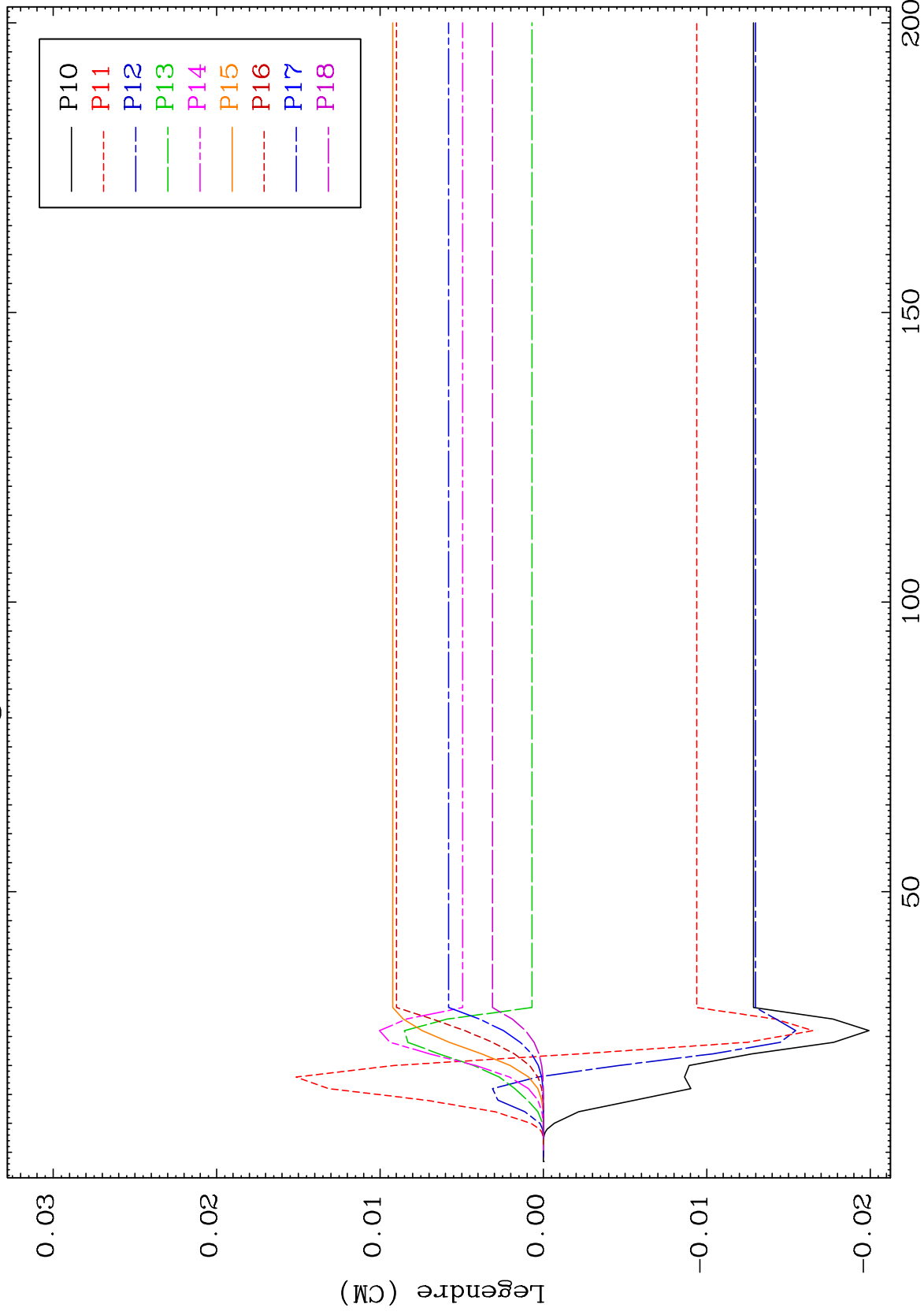
31-Ga-79



MAT 3155

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

<sup>31</sup>Ga-79



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Incident Energy (MeV)

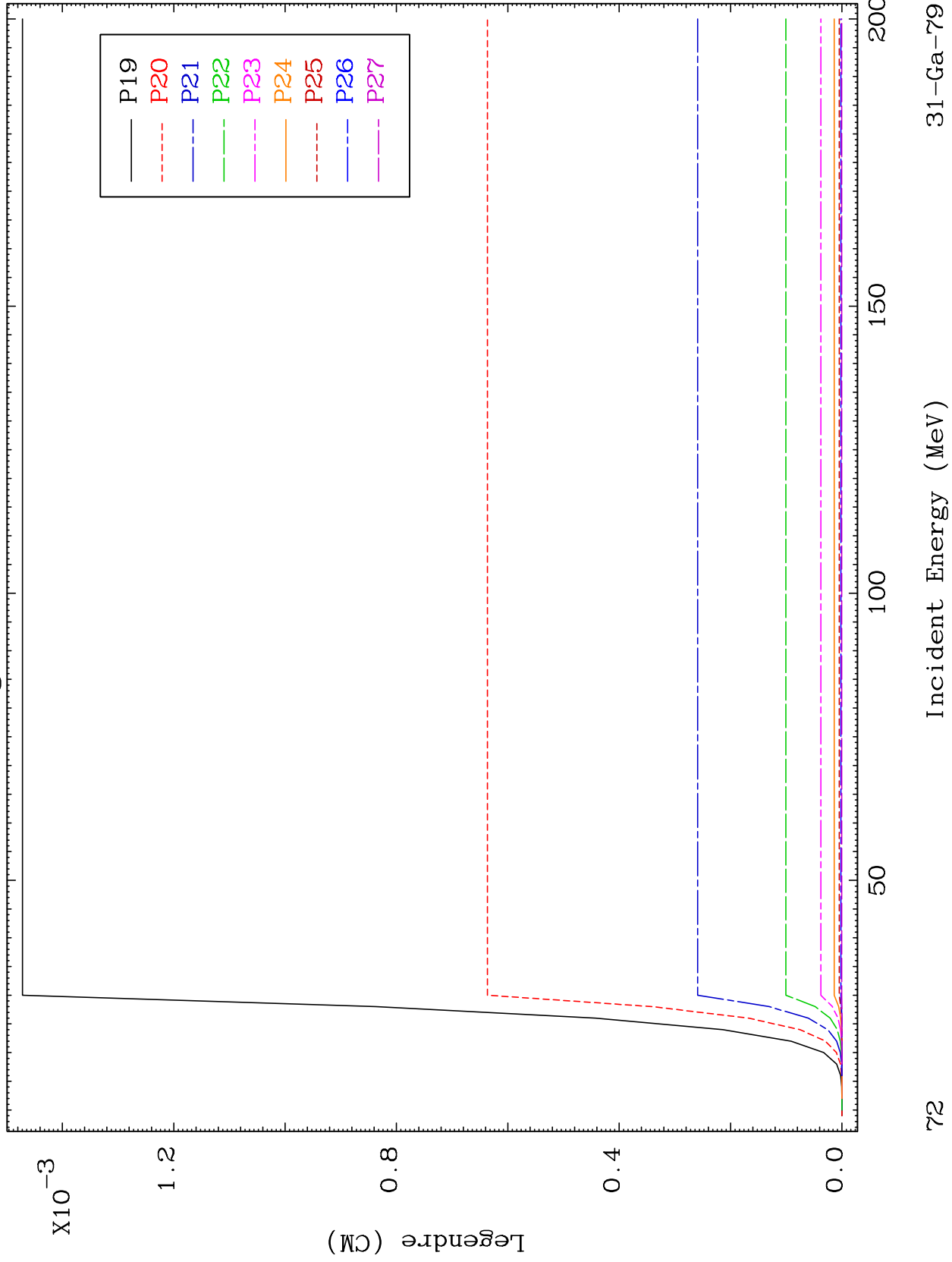
<sup>31</sup>Ga-79



MAT 3155

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

31-Ga-79



72

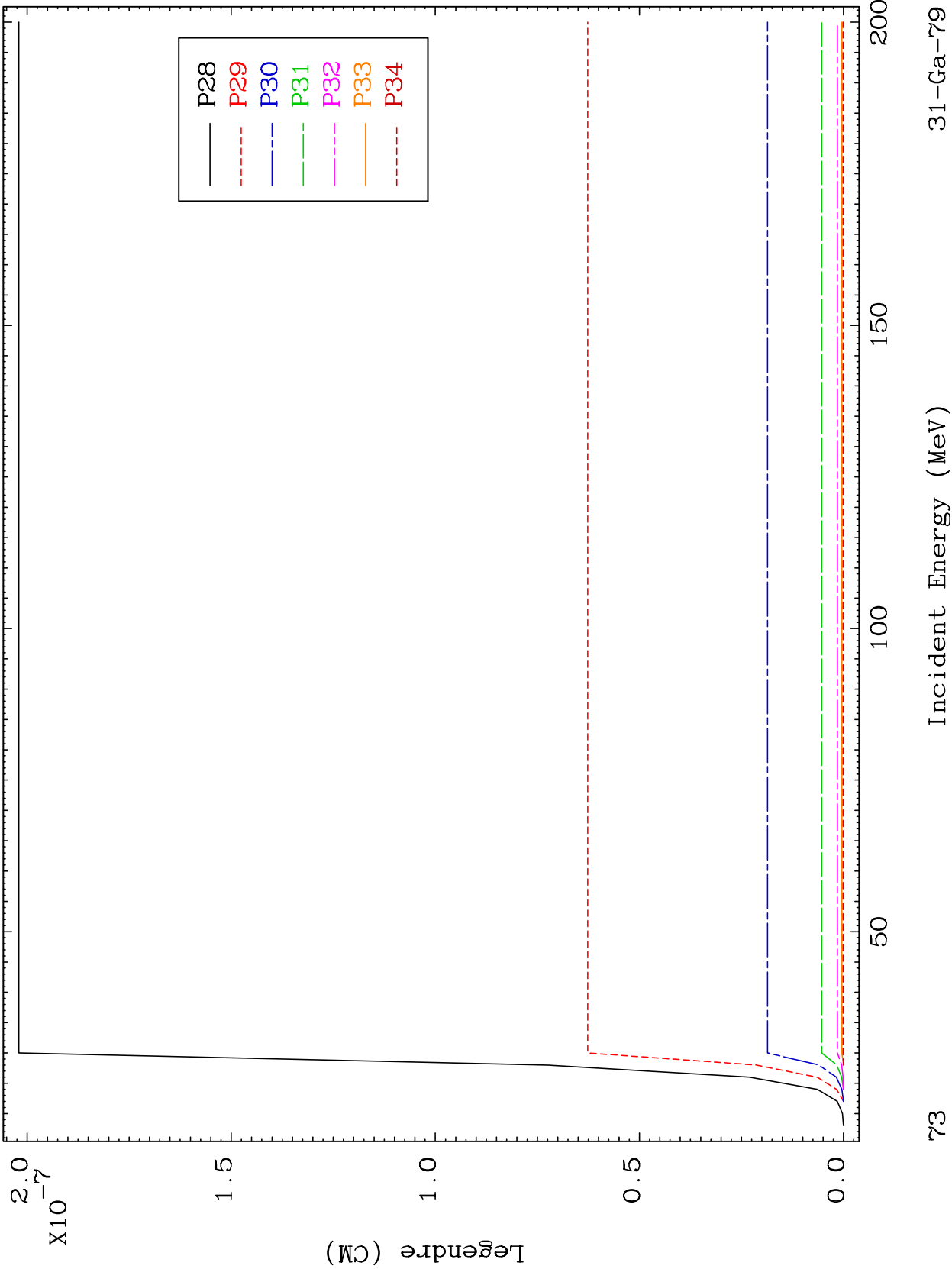
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

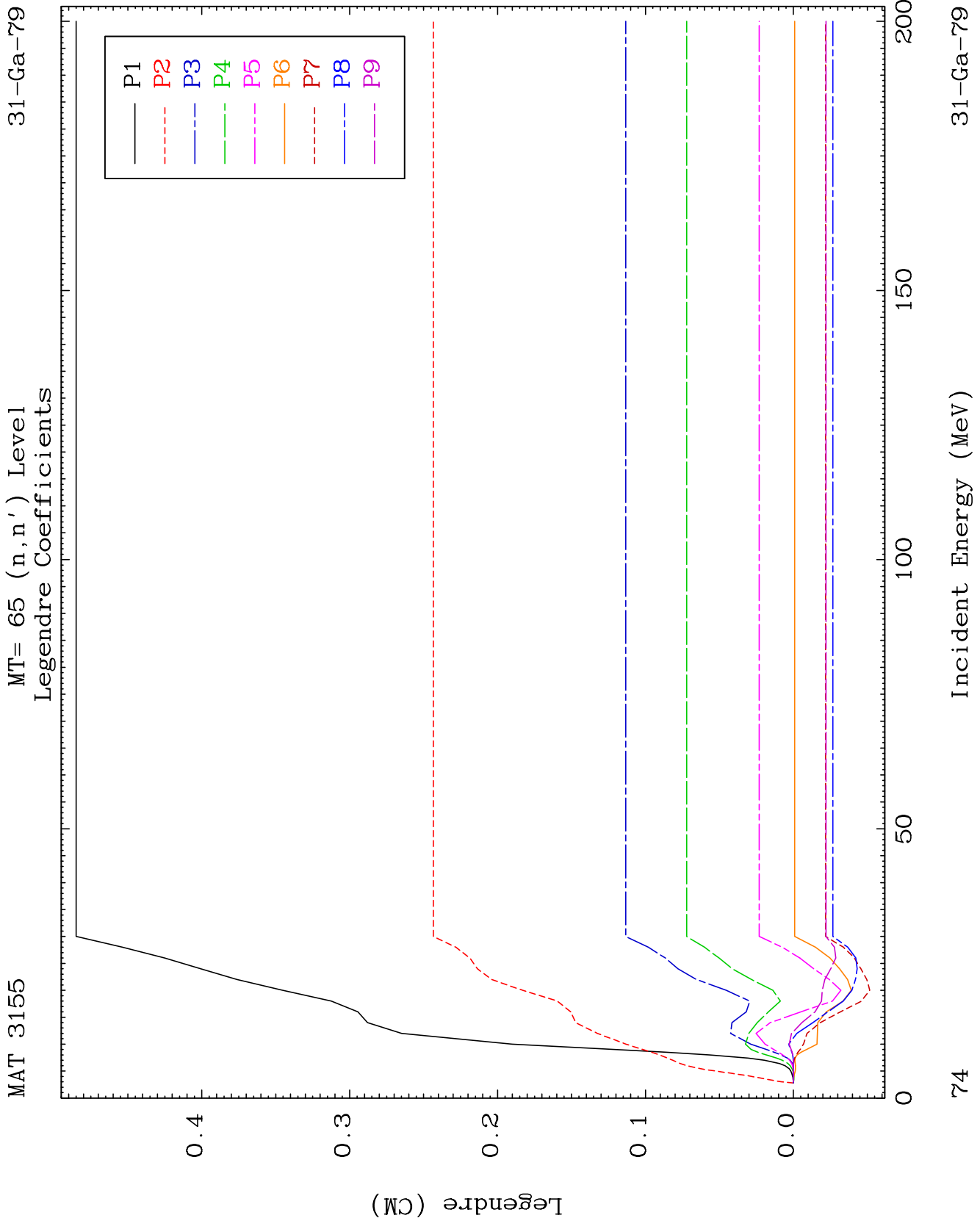
31-Ga-79

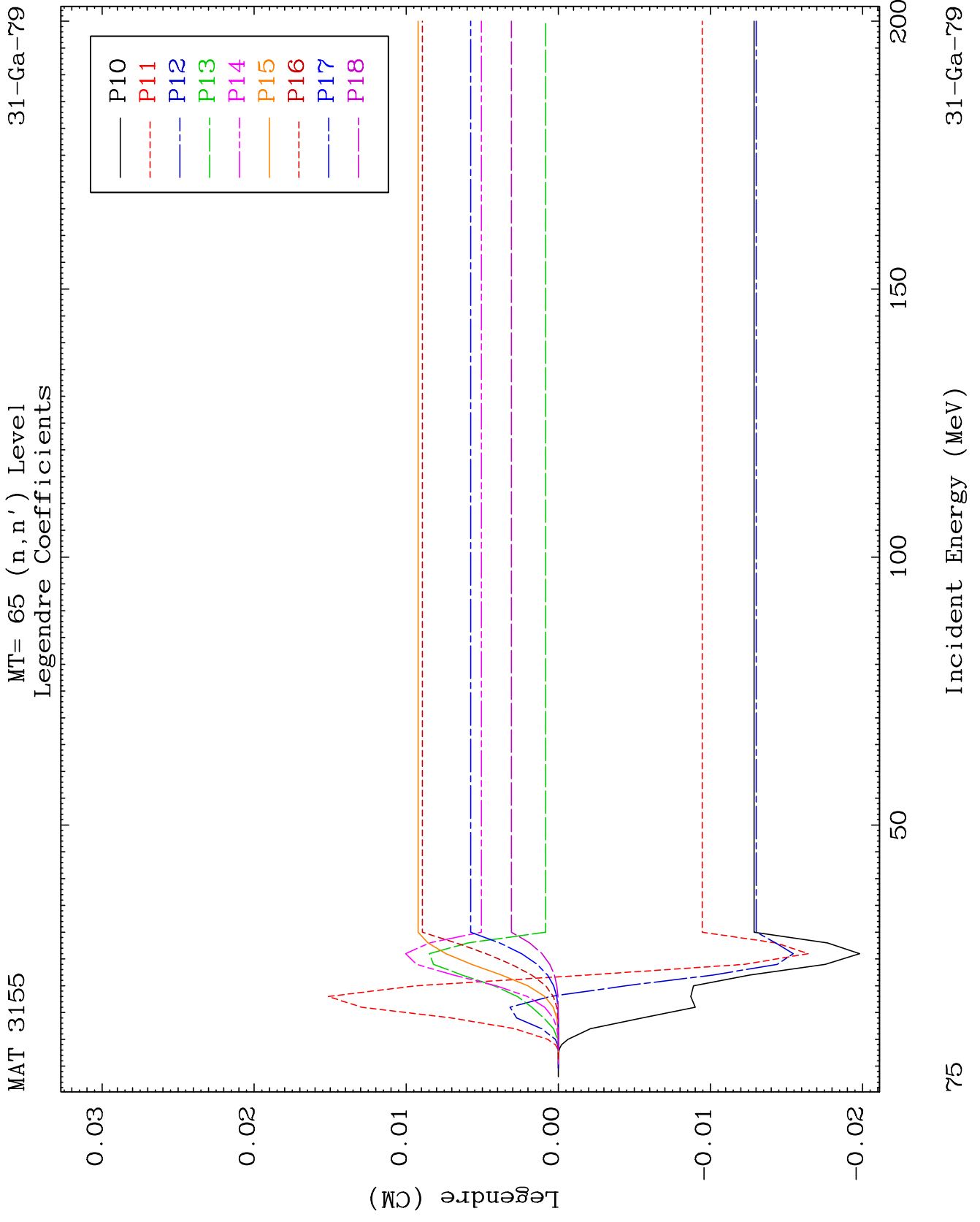


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Incident Energy (MeV)

31-Ga-79

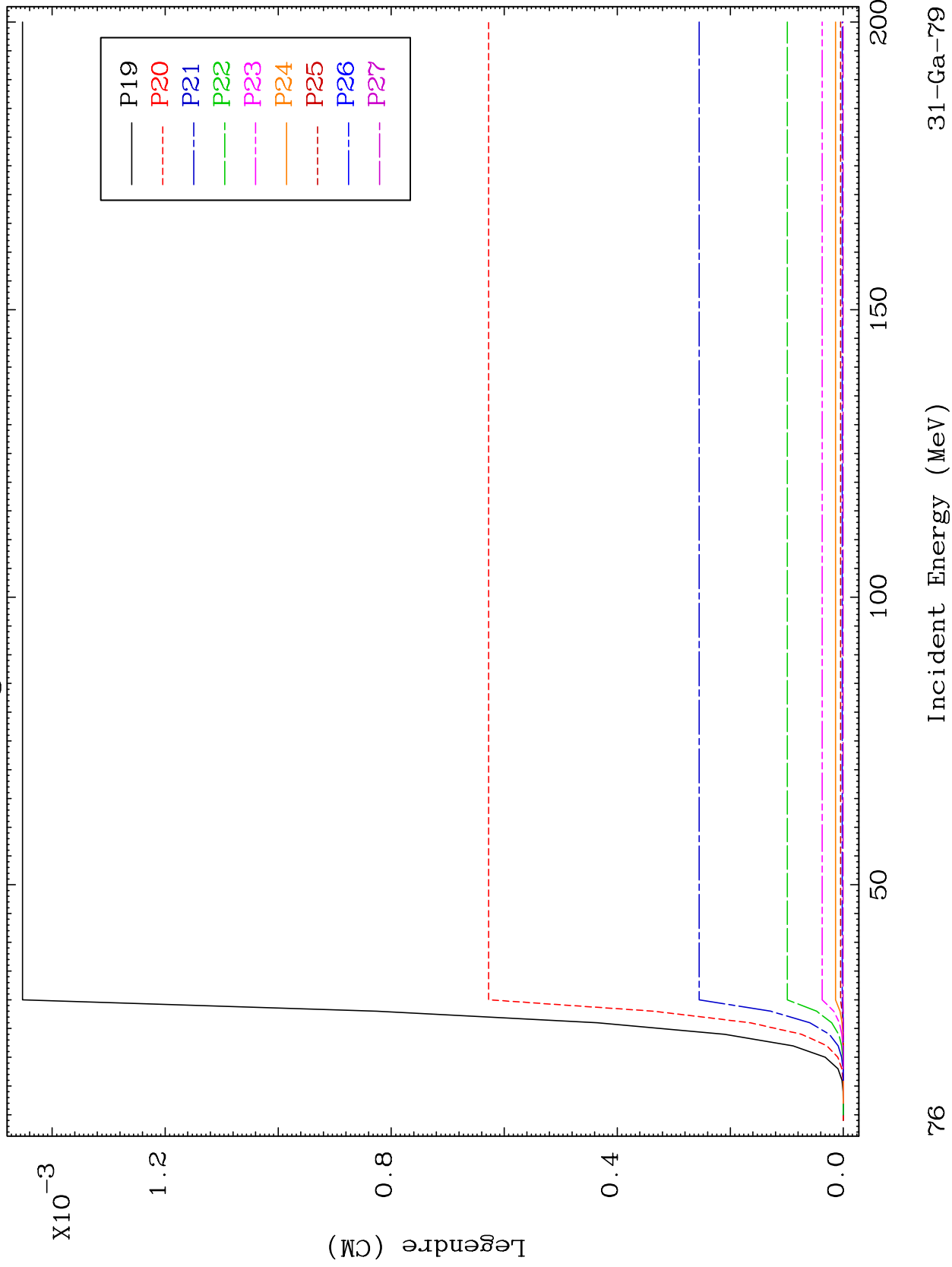




MAT 3155

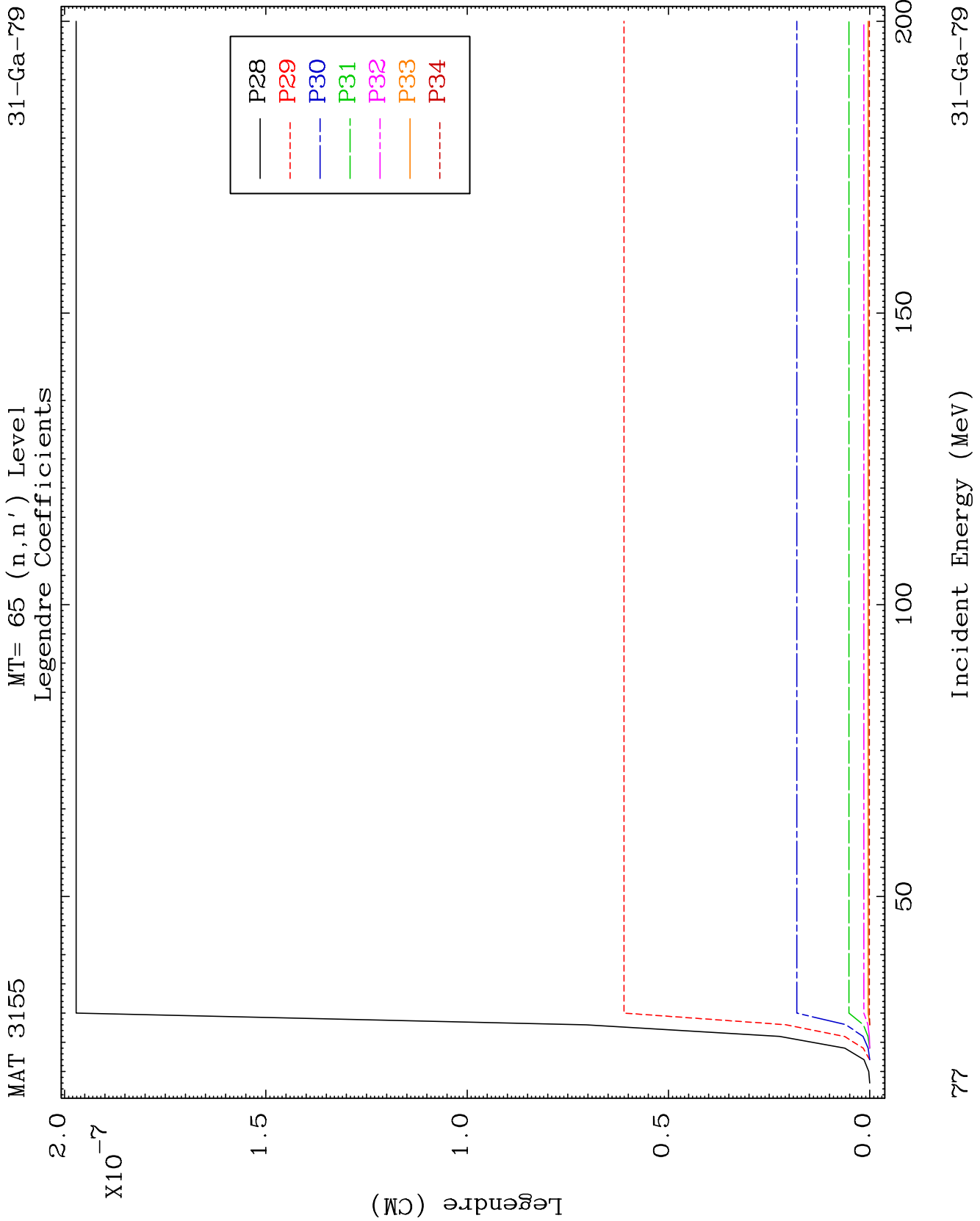
MT= 65 (n,n') Level  
Legendre Coefficients

31-Ga-79



76

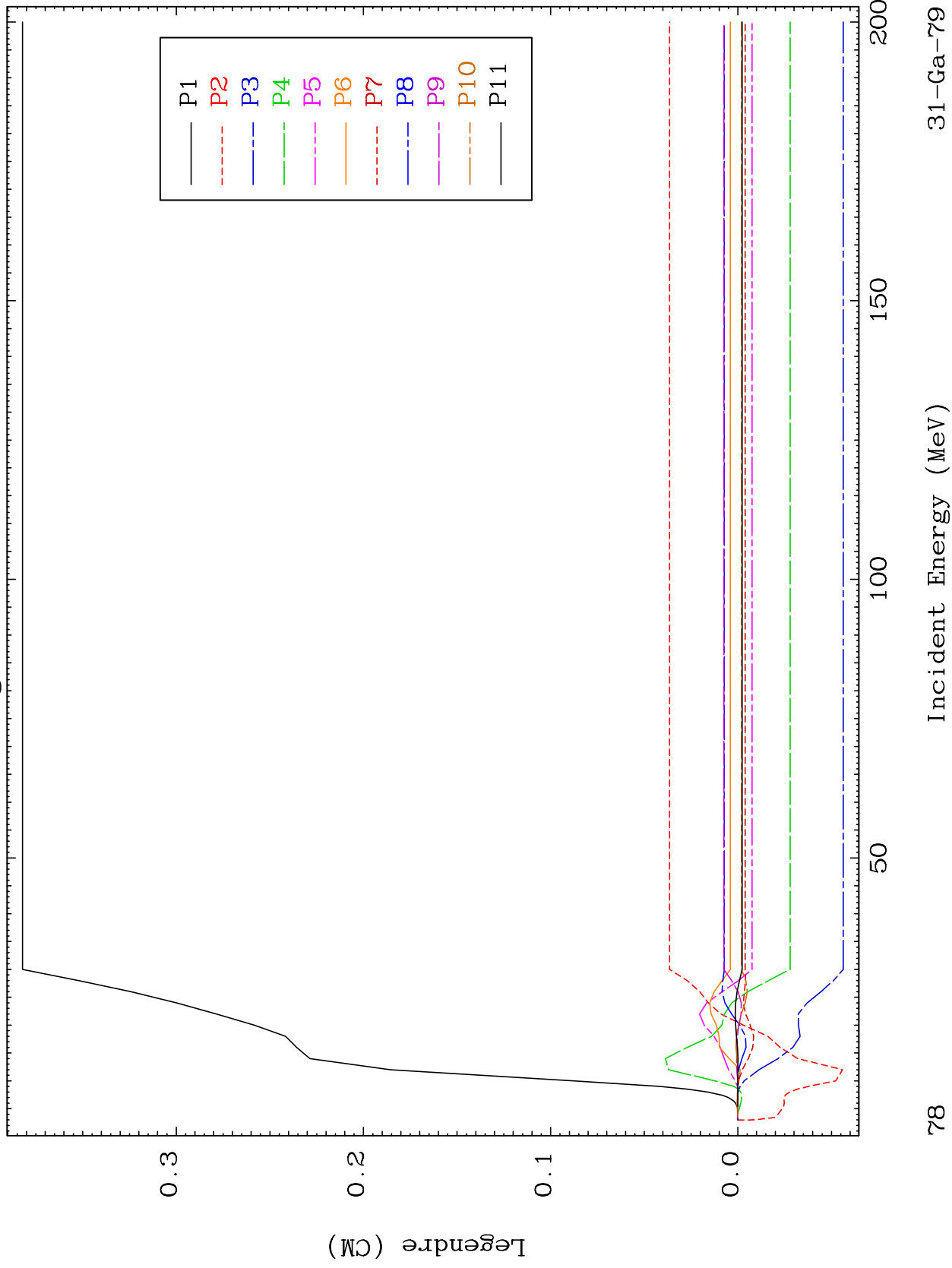
31-Ga-79



MAT 3155

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

<sup>31</sup>Ga-79



78

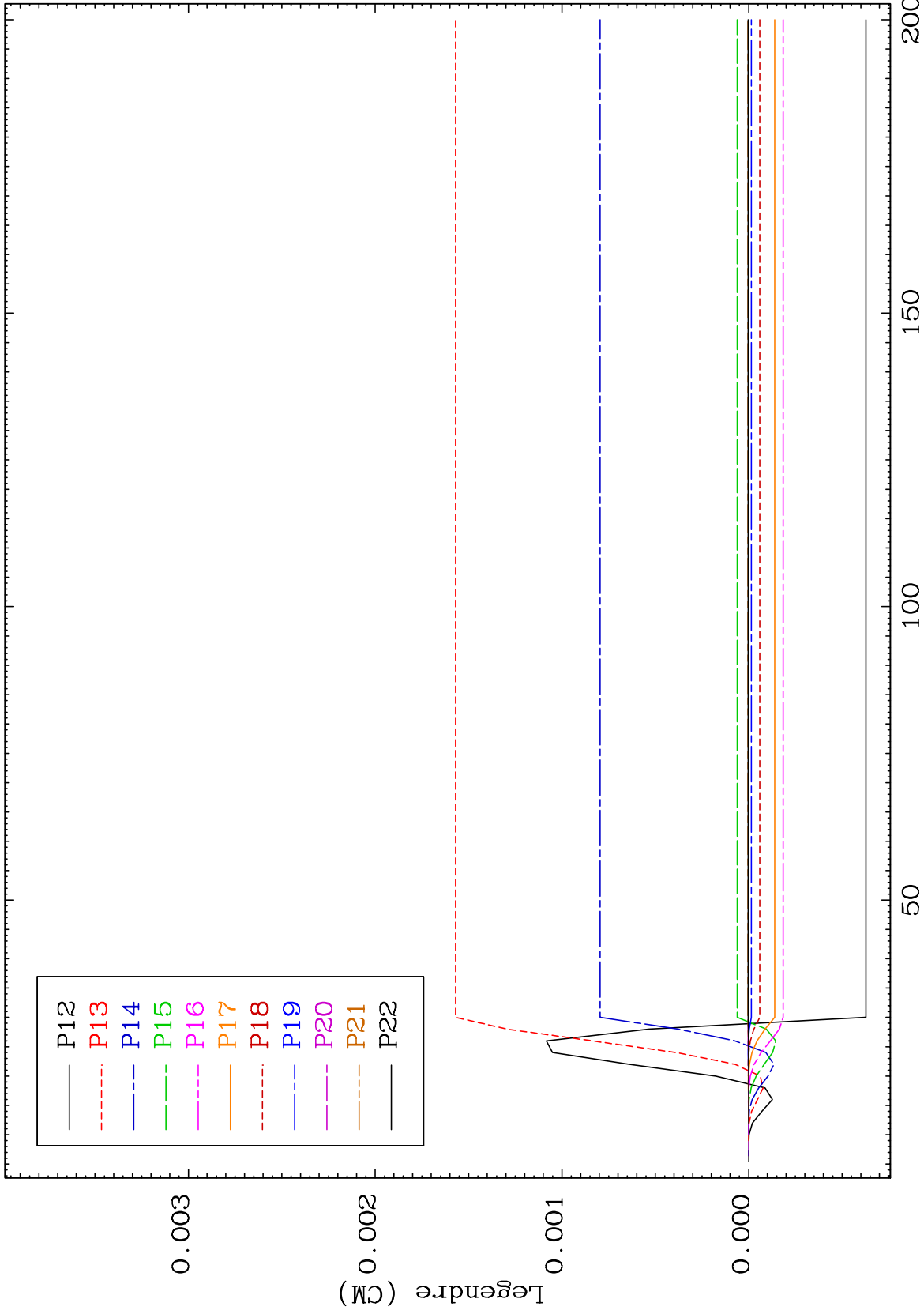
Incident Energy (MeV)

<sup>31</sup>Ga-79

MAT 3155

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

31-Ga-79

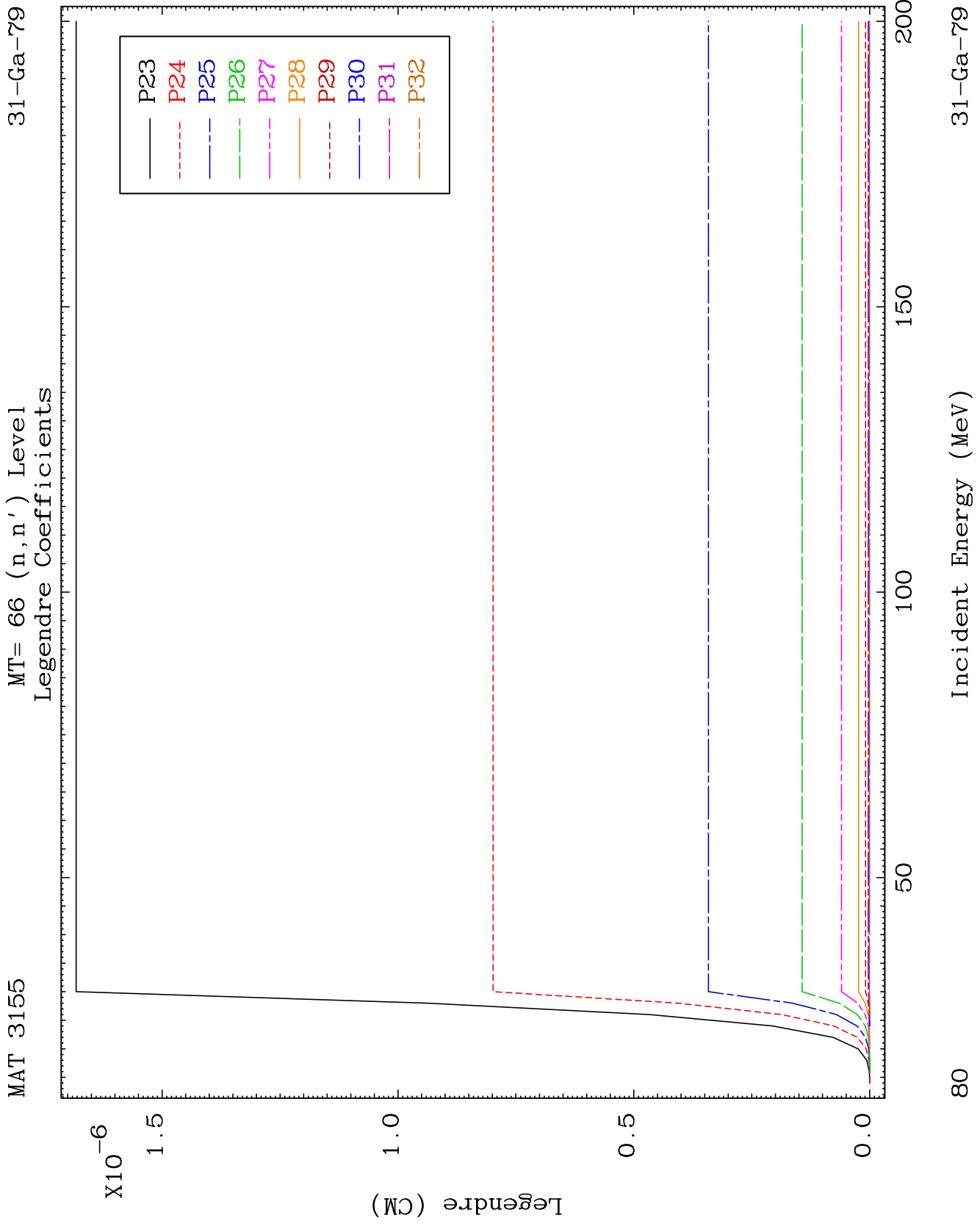


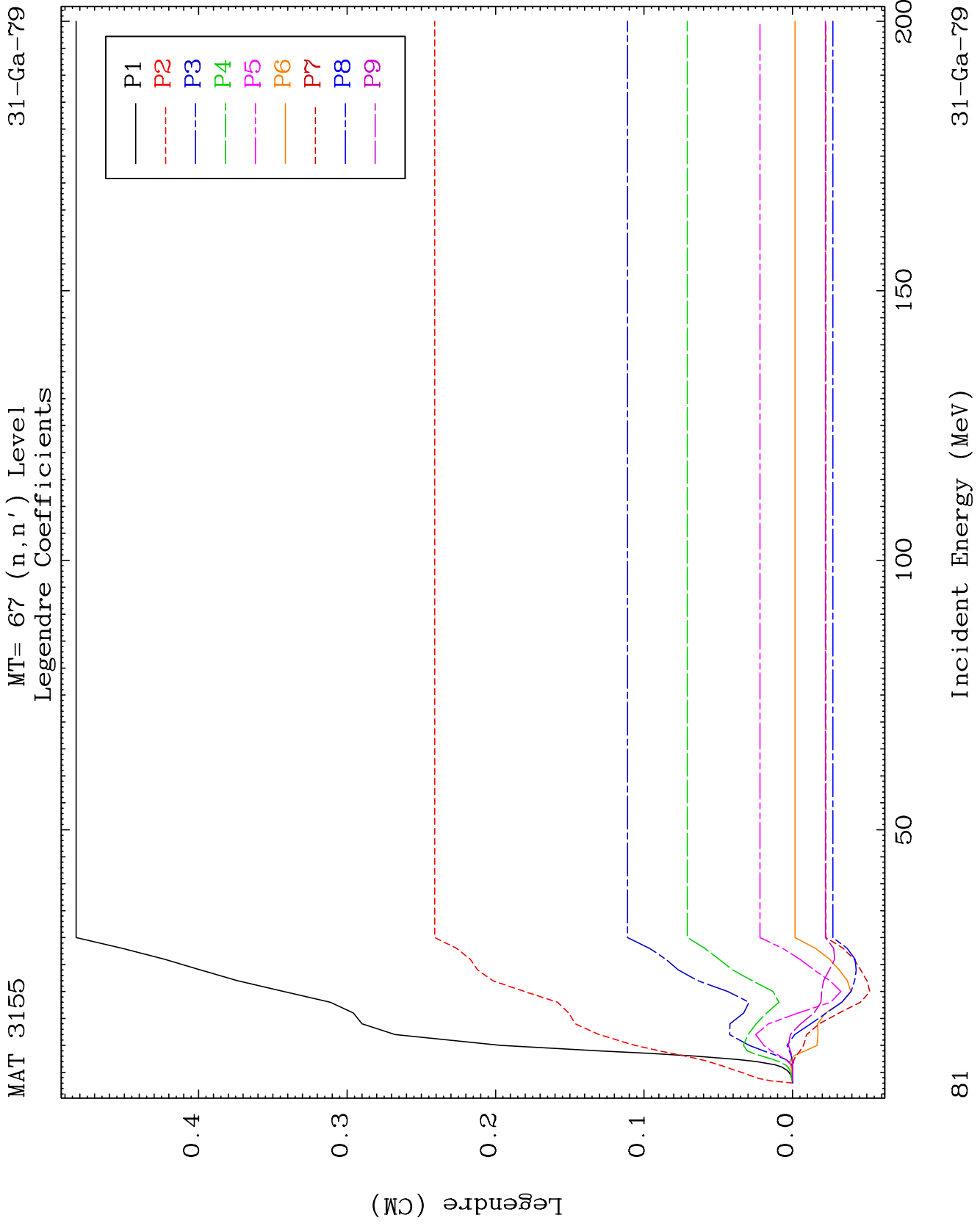
79

Incident Energy (MeV)

31-Ga-79



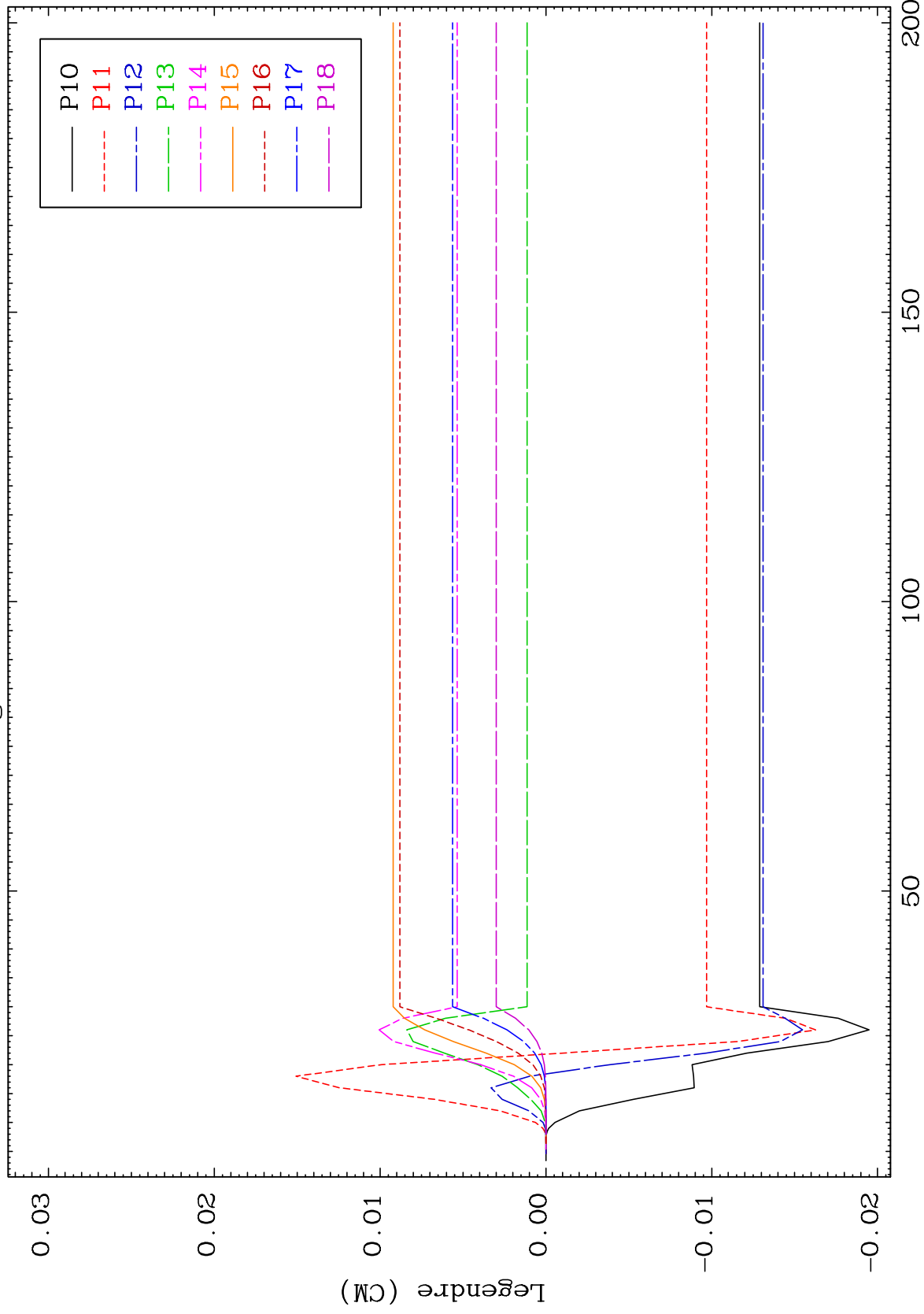




MAT 3155

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

<sup>31</sup>Ga-79



82

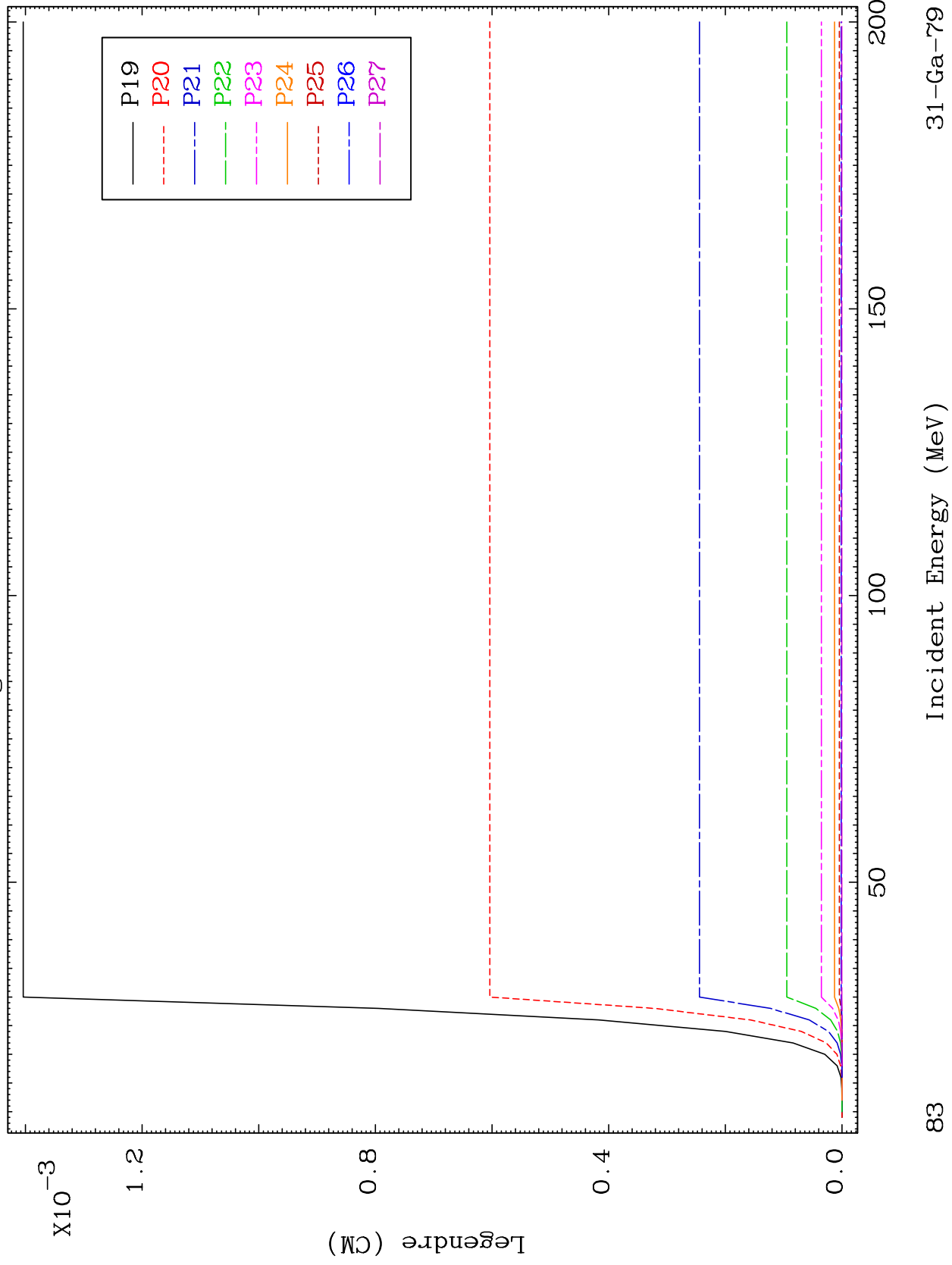
Incident Energy (MeV)

<sup>31</sup>Ga-79

MAT 3155

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

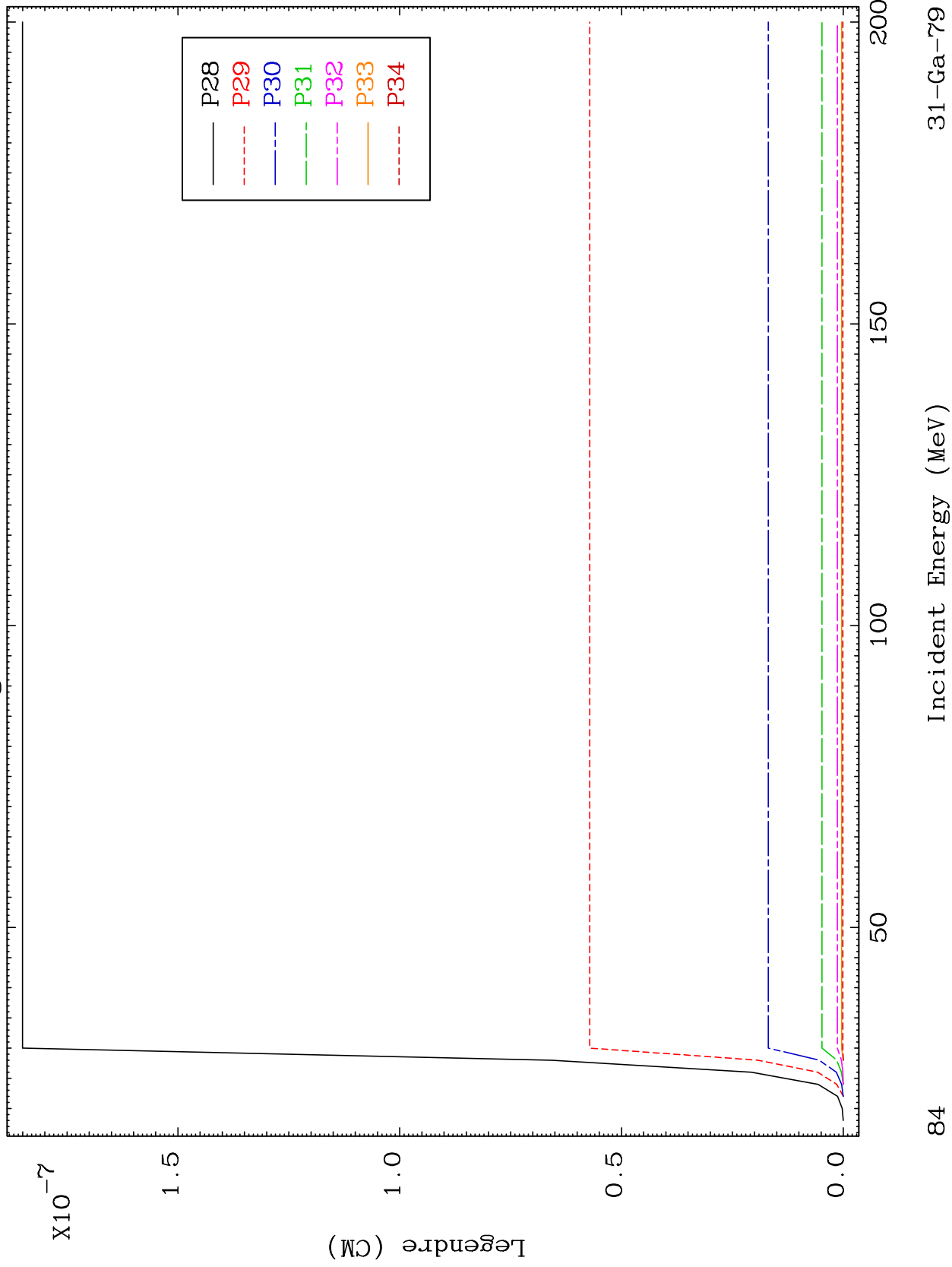
31-Ga-79



MAT 3155

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

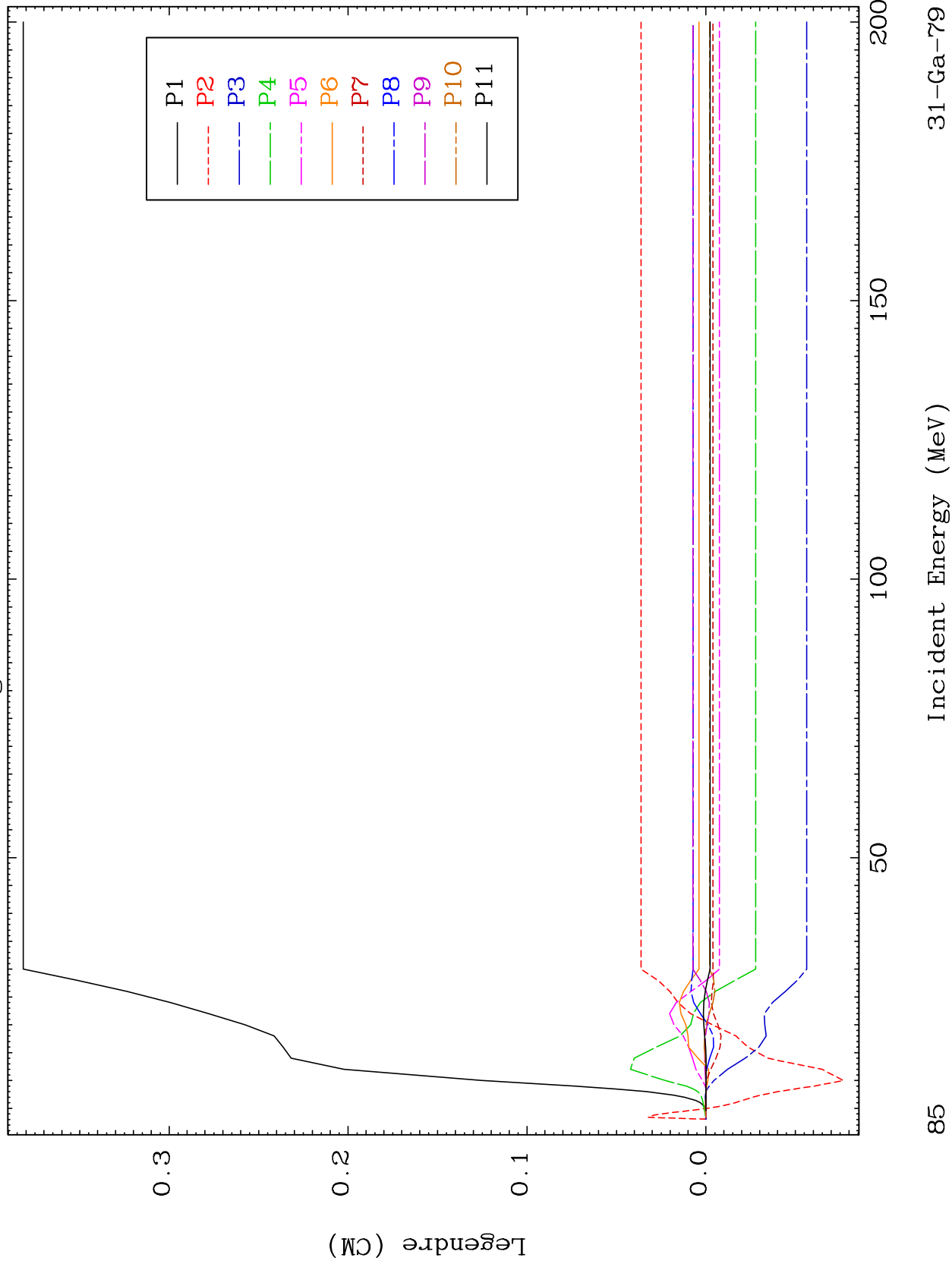
31-Ga-79



MAT 3155

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

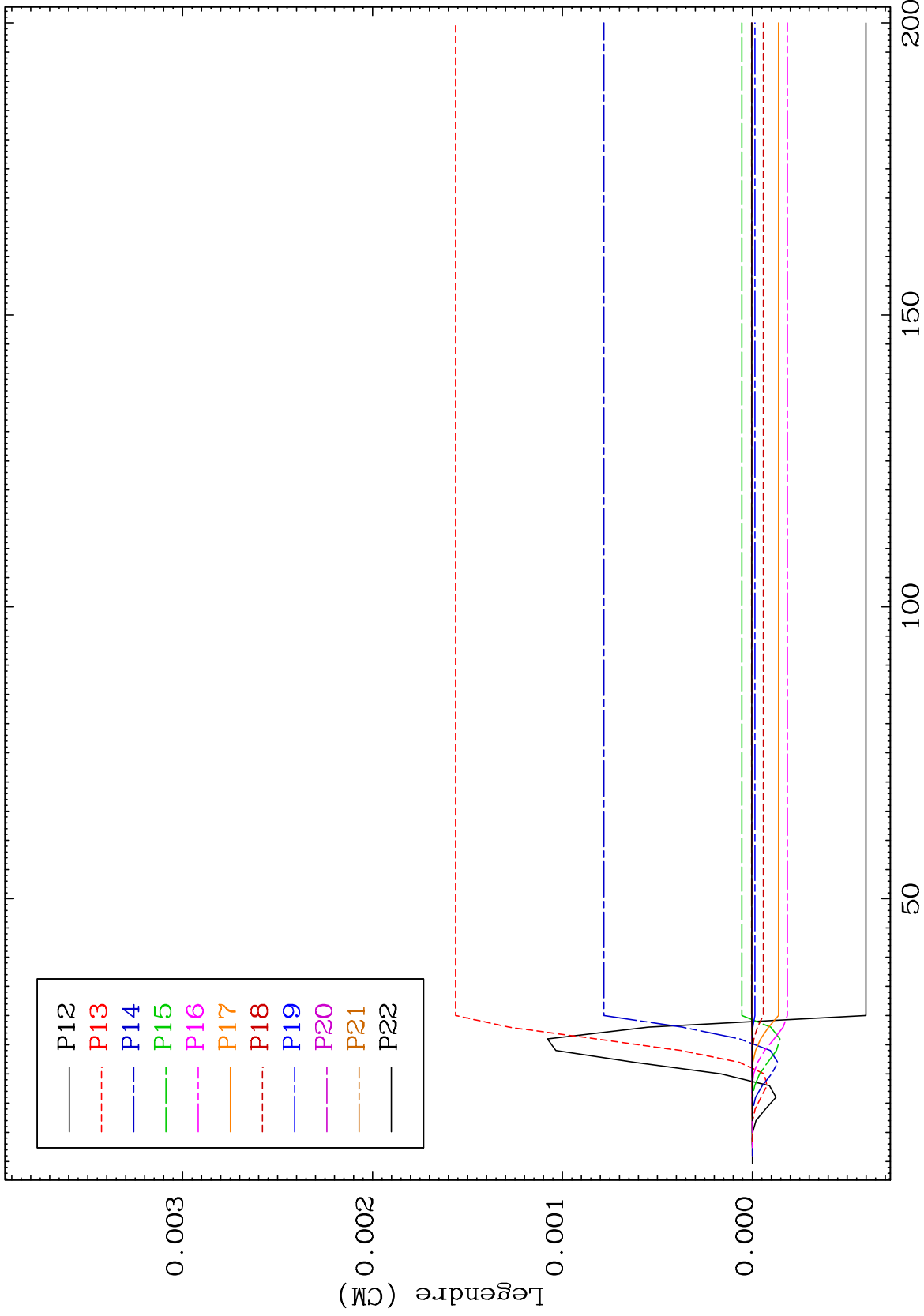
<sup>31</sup>Ga-79



<sup>31</sup>Ga-79

Incident Energy (MeV)

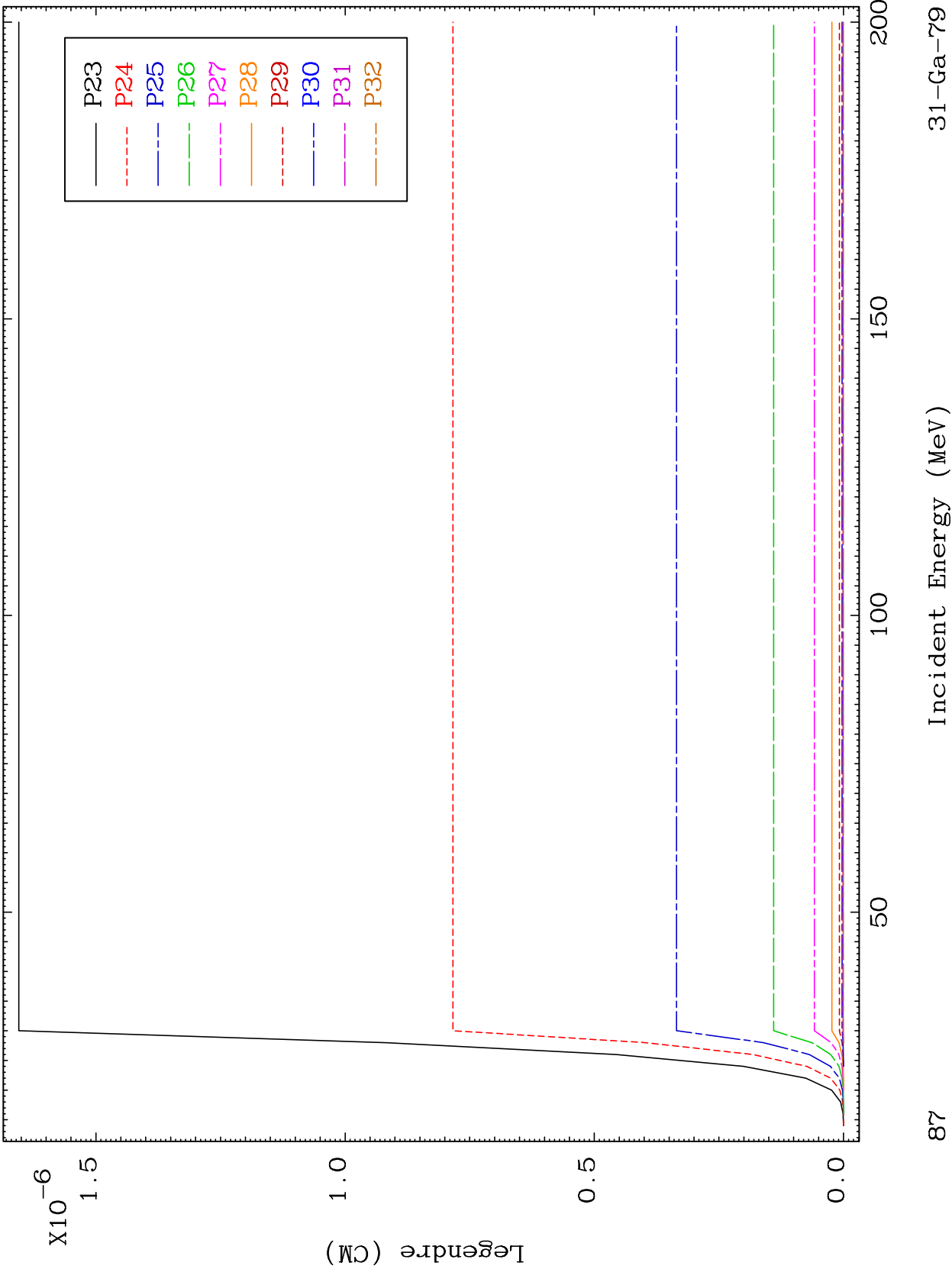
85



MAT 3155

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

31-Ga-79



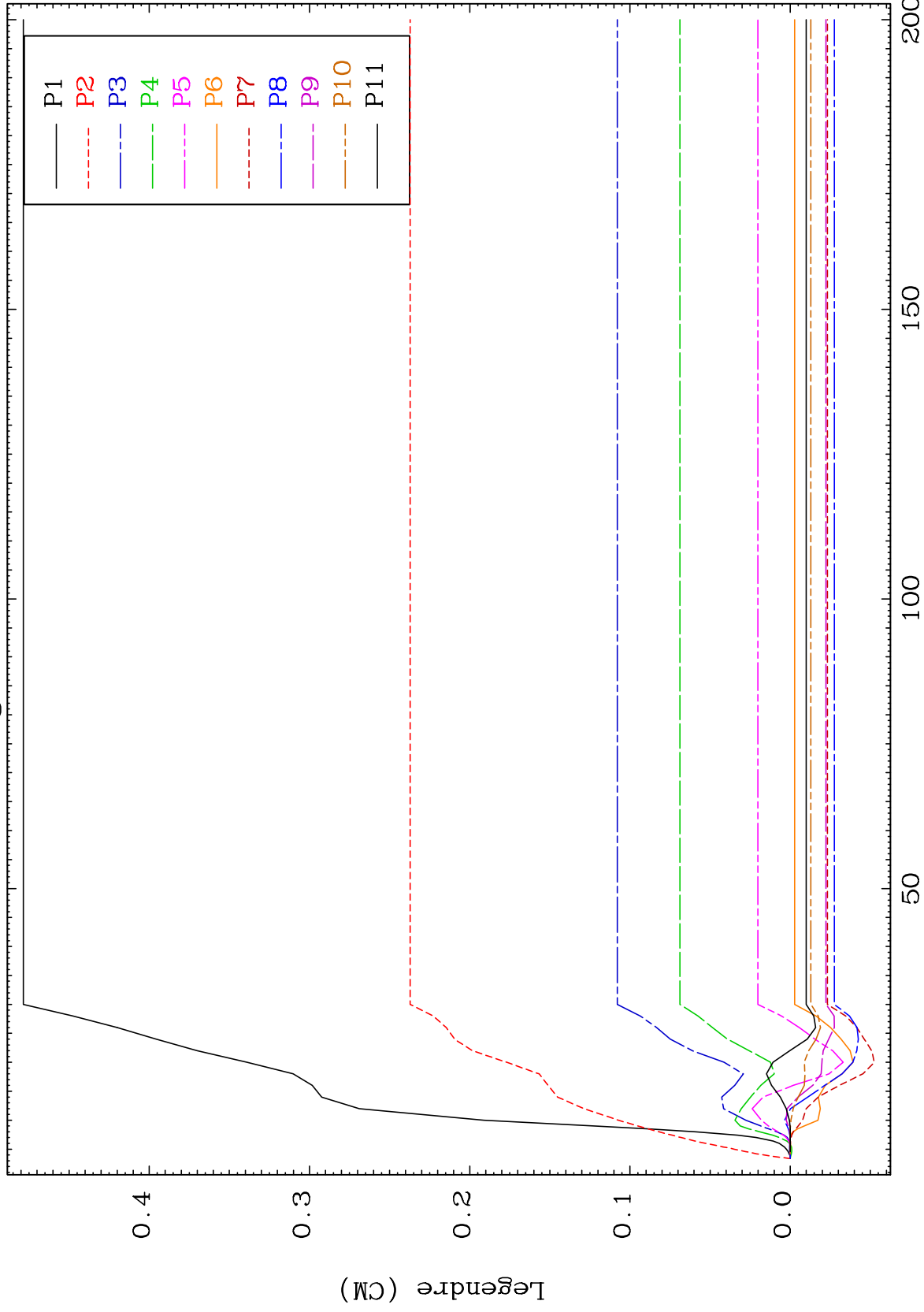
87



MAT 3155

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

31-Ga-79



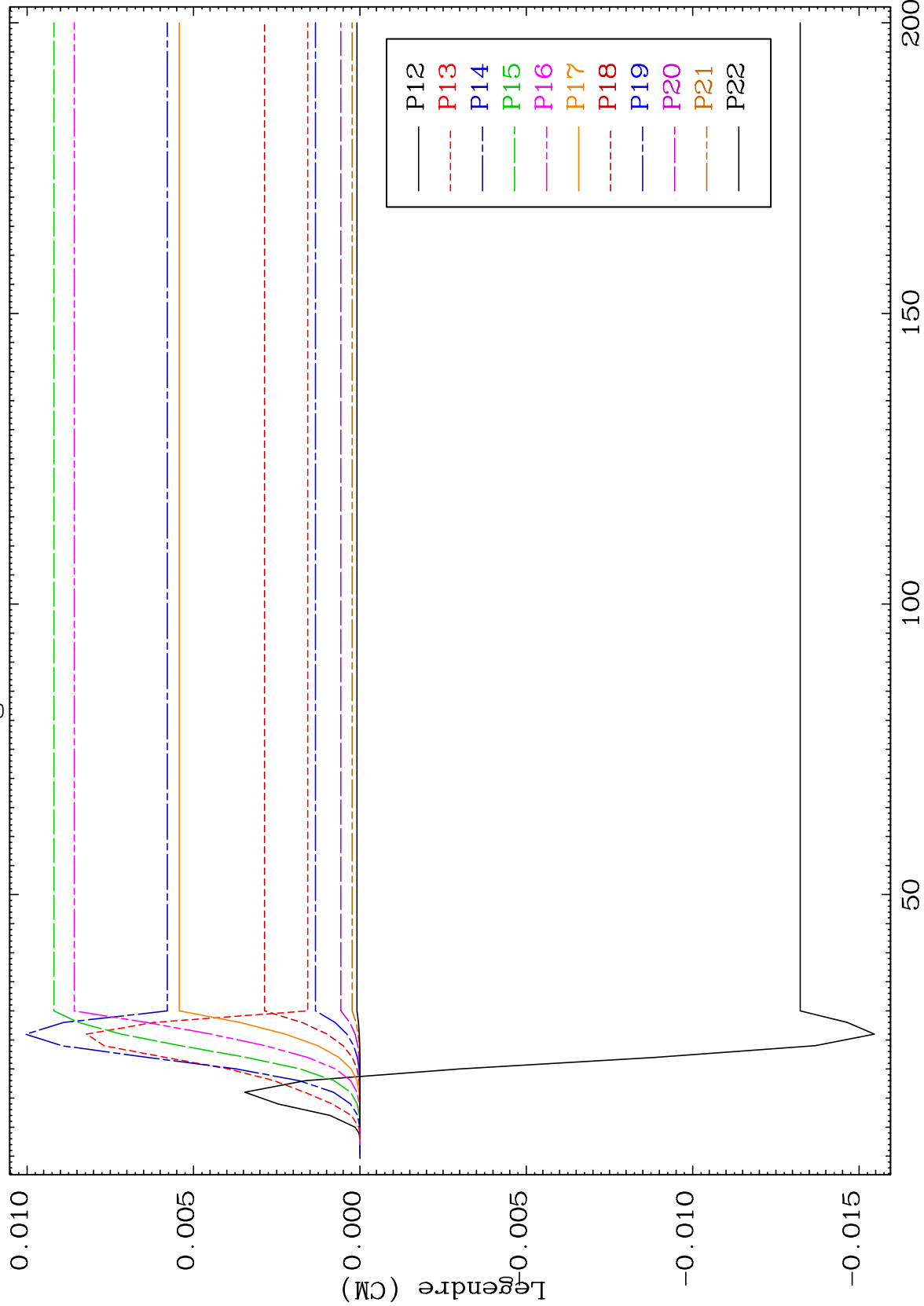
88

31-Ga-79

MAT 3155

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

31-Ga-79



89

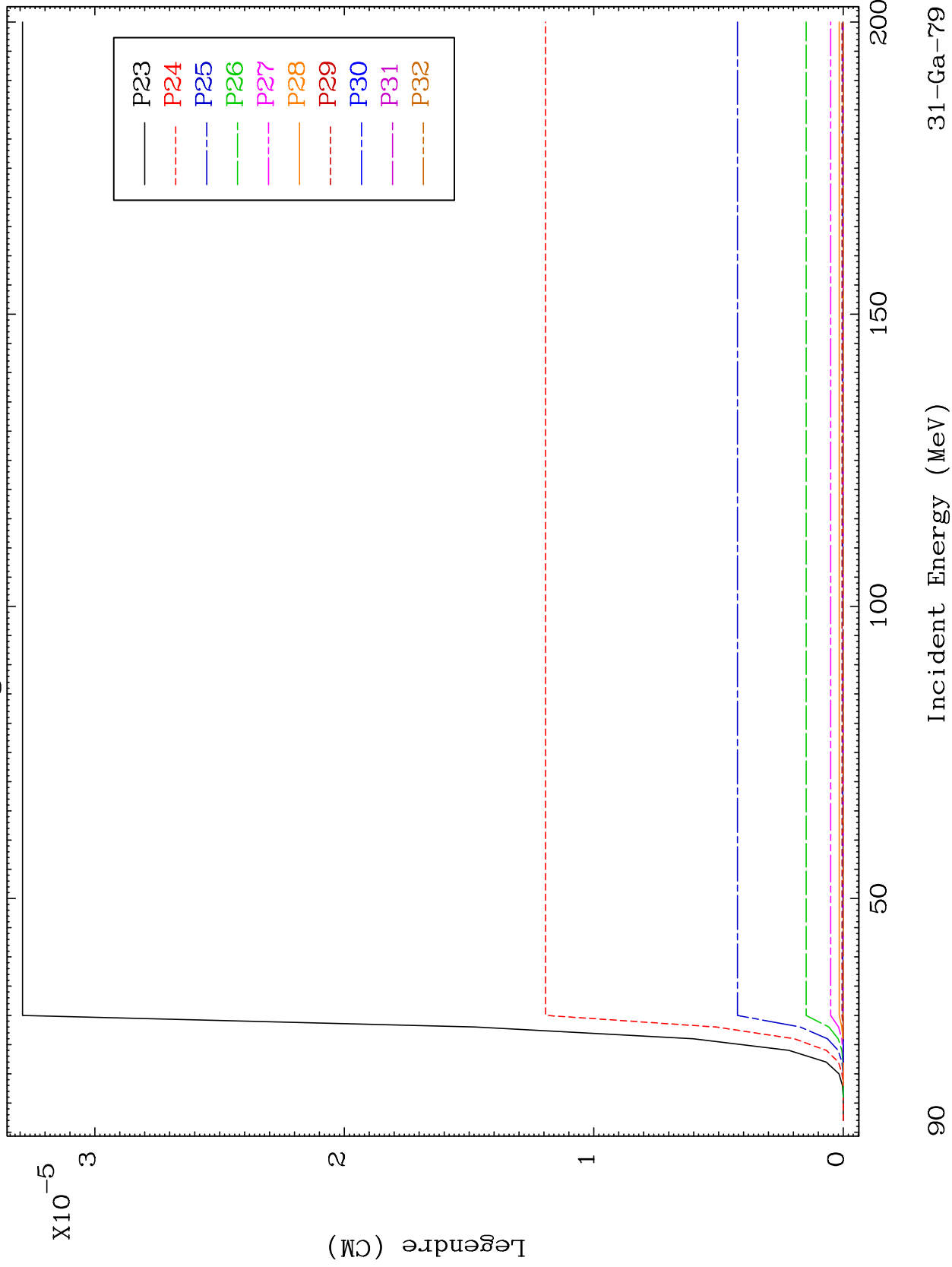
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

<sup>31</sup>Ga-79

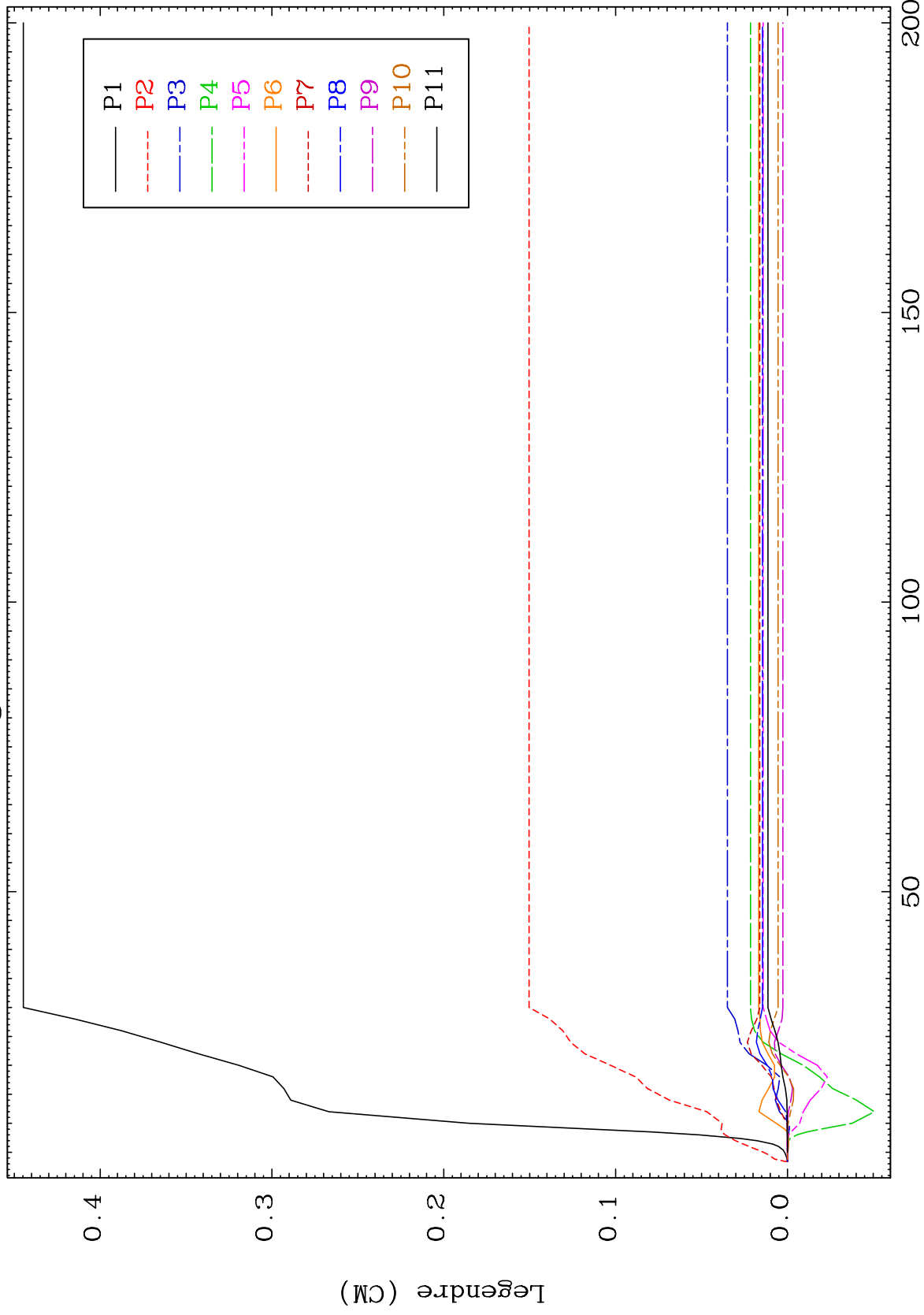


<sup>31</sup>Ga-79

MAT 3155

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

31-Ga-79



91

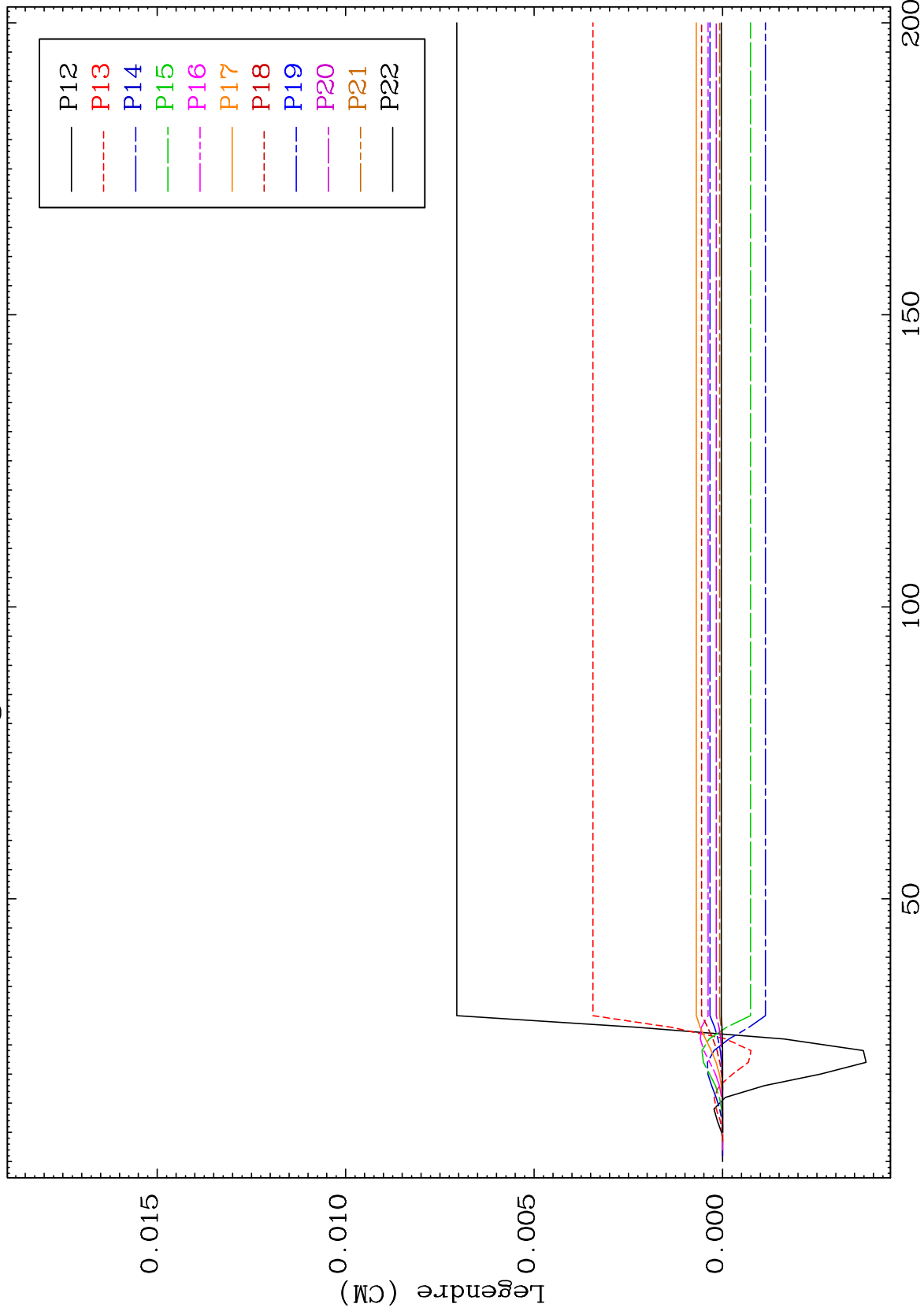
Incident Energy (MeV)

31-Ga-79

MAT 3155

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

31-Ga-79



92

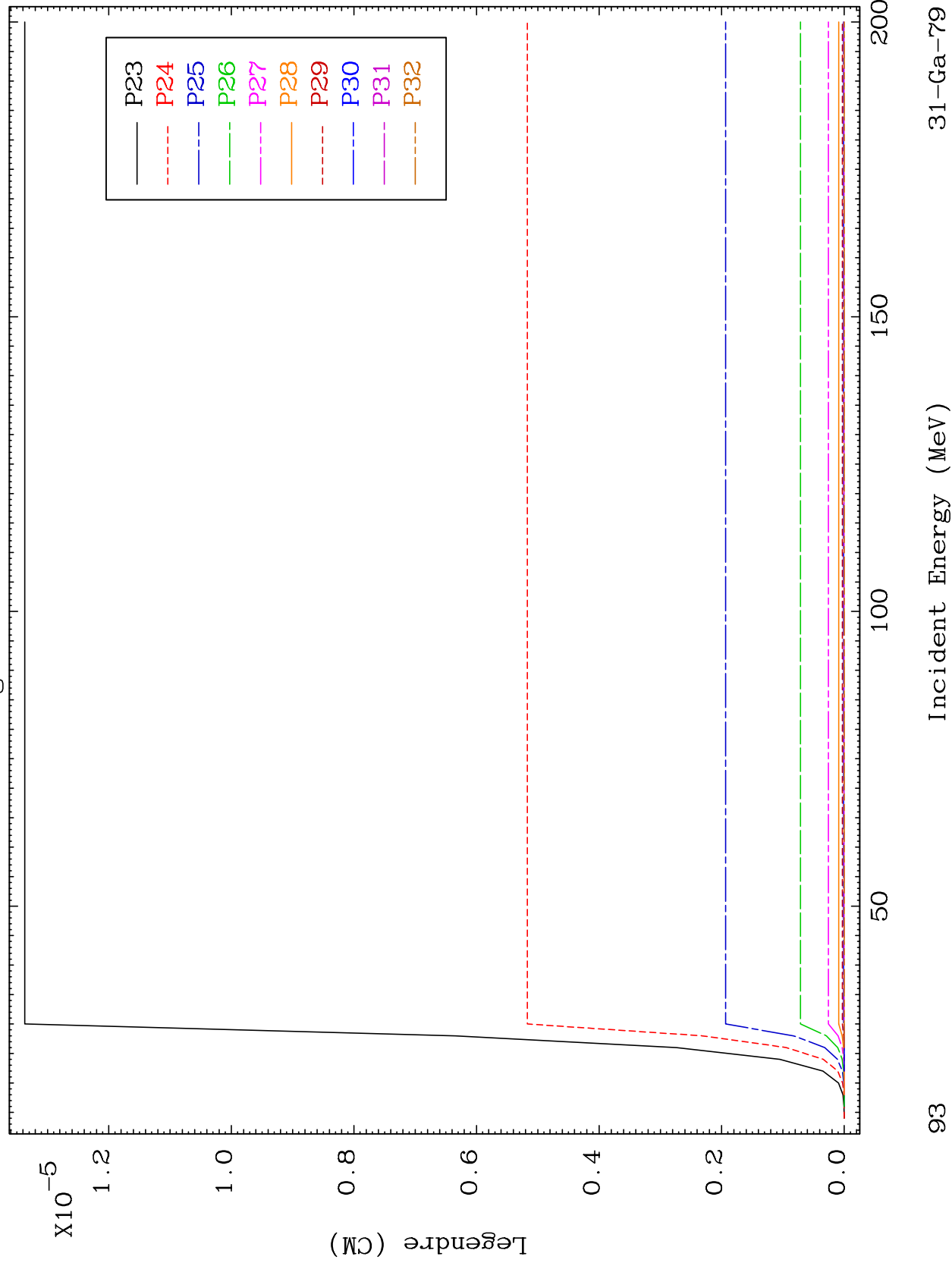
Incident Energy (MeV)

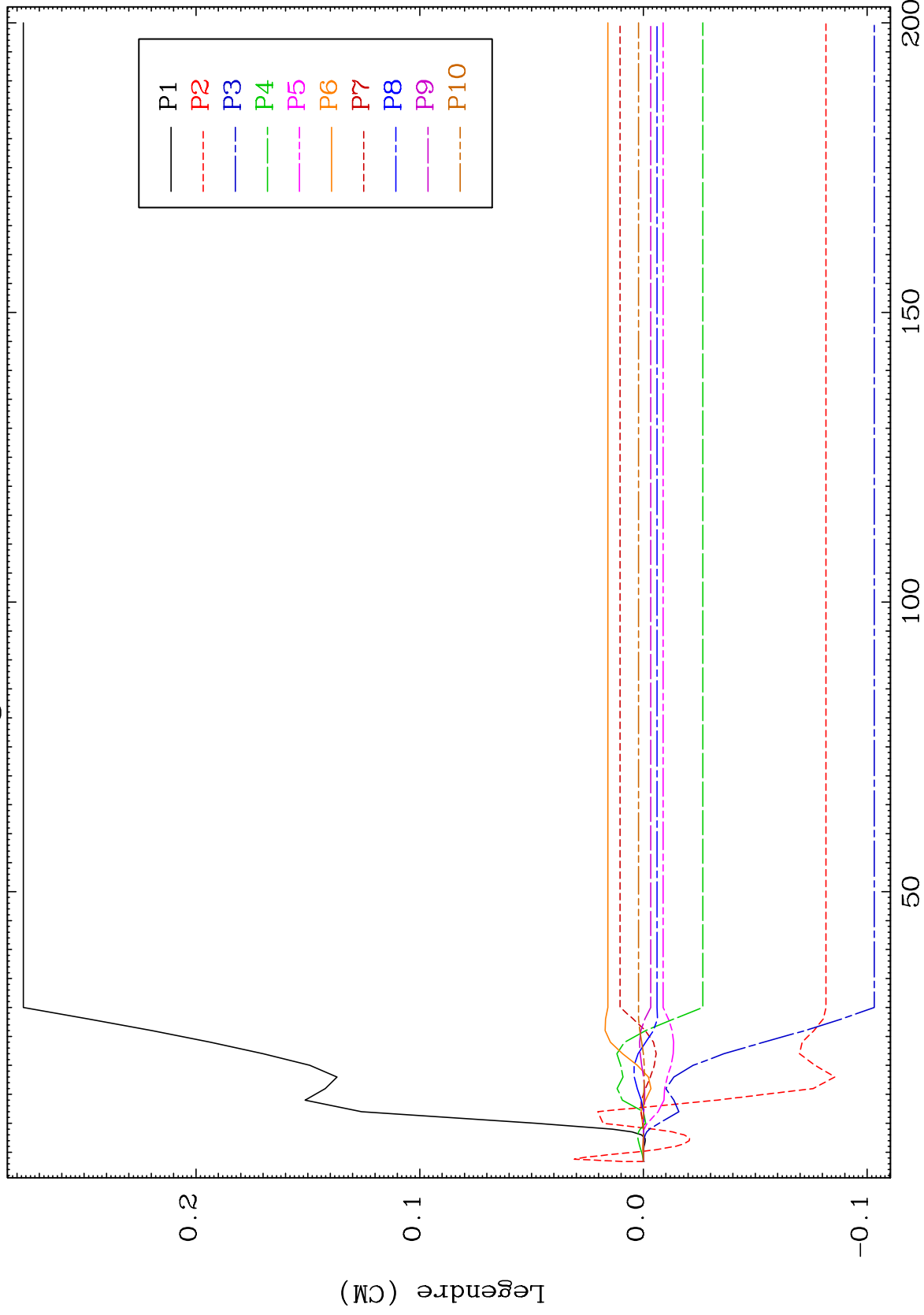
31-Ga-79

MAT 3155

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

31-Ga-79

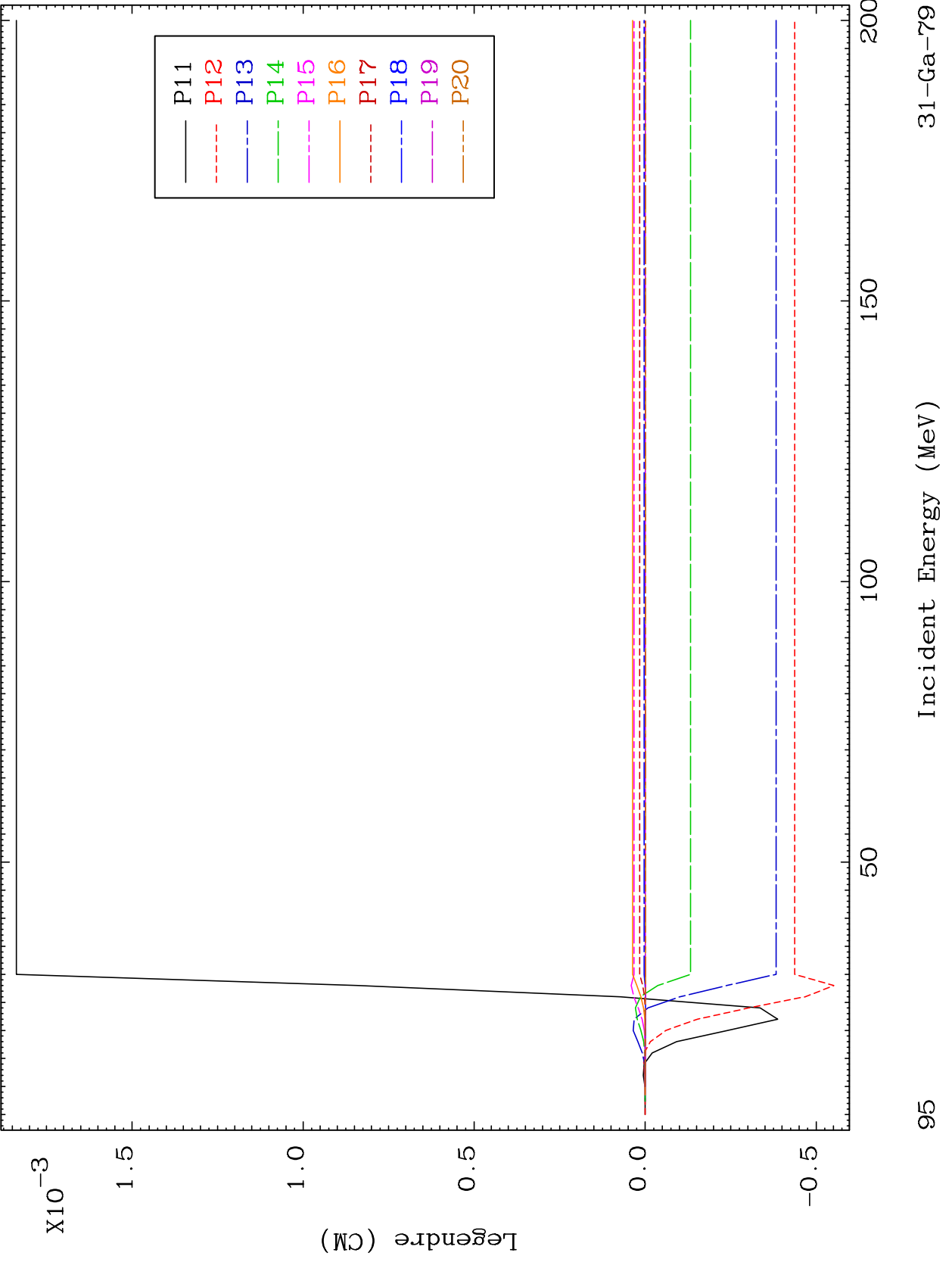




MAT 3155

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

31-Ga-79



95

Incident Energy (MeV)

31-Ga-79

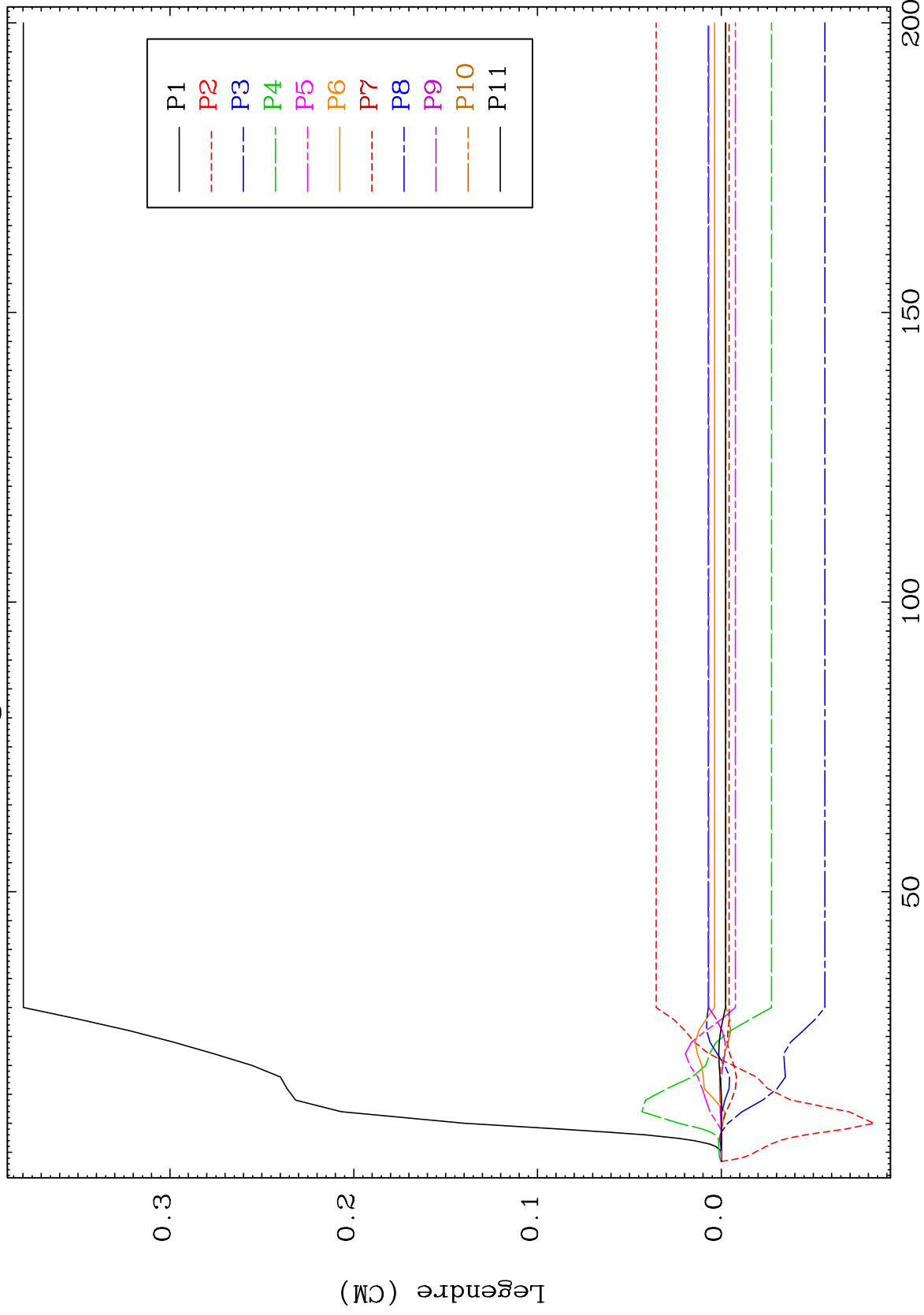




MAT 3155

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

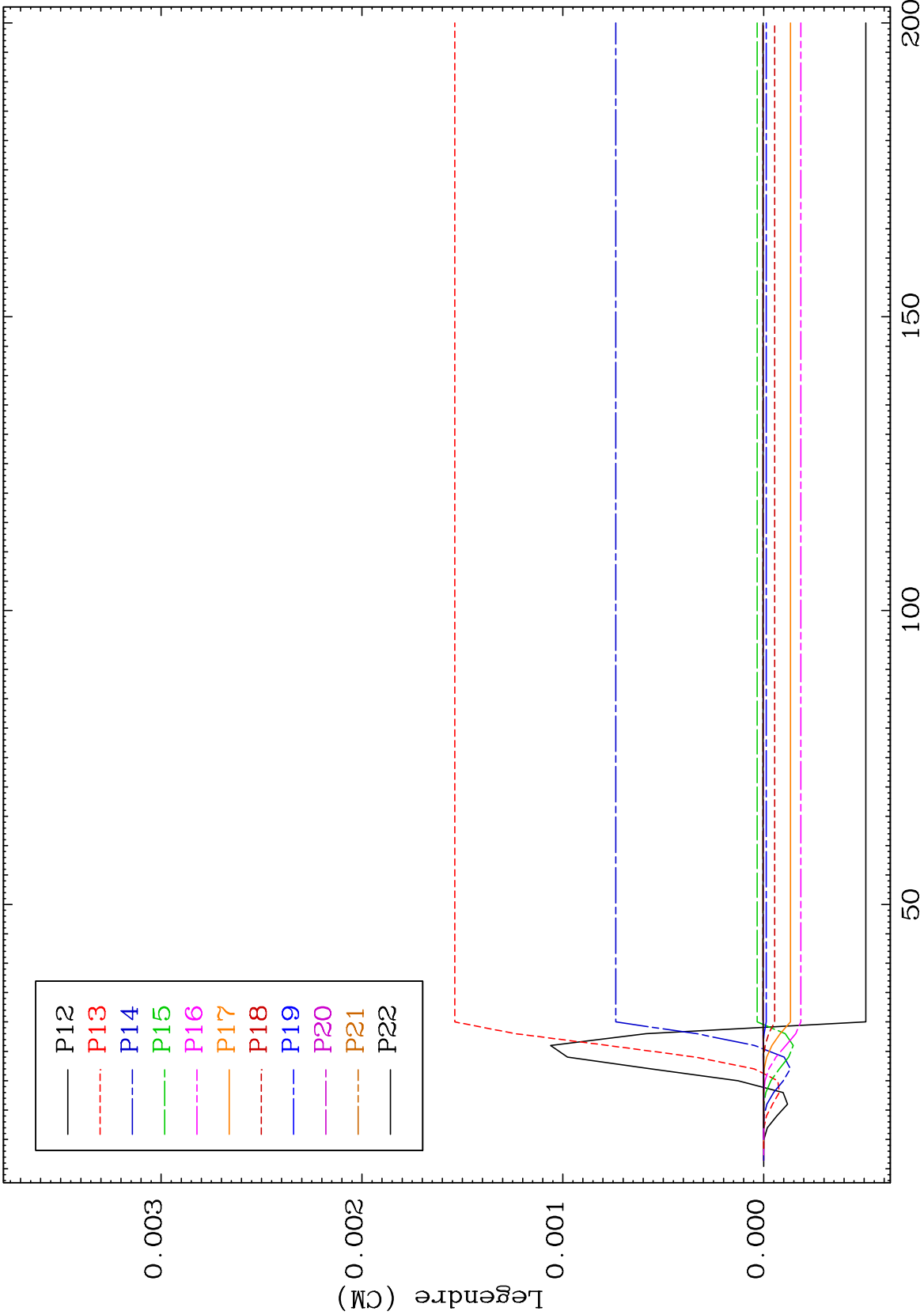
31-Ga-79



97

Incident Energy (MeV)

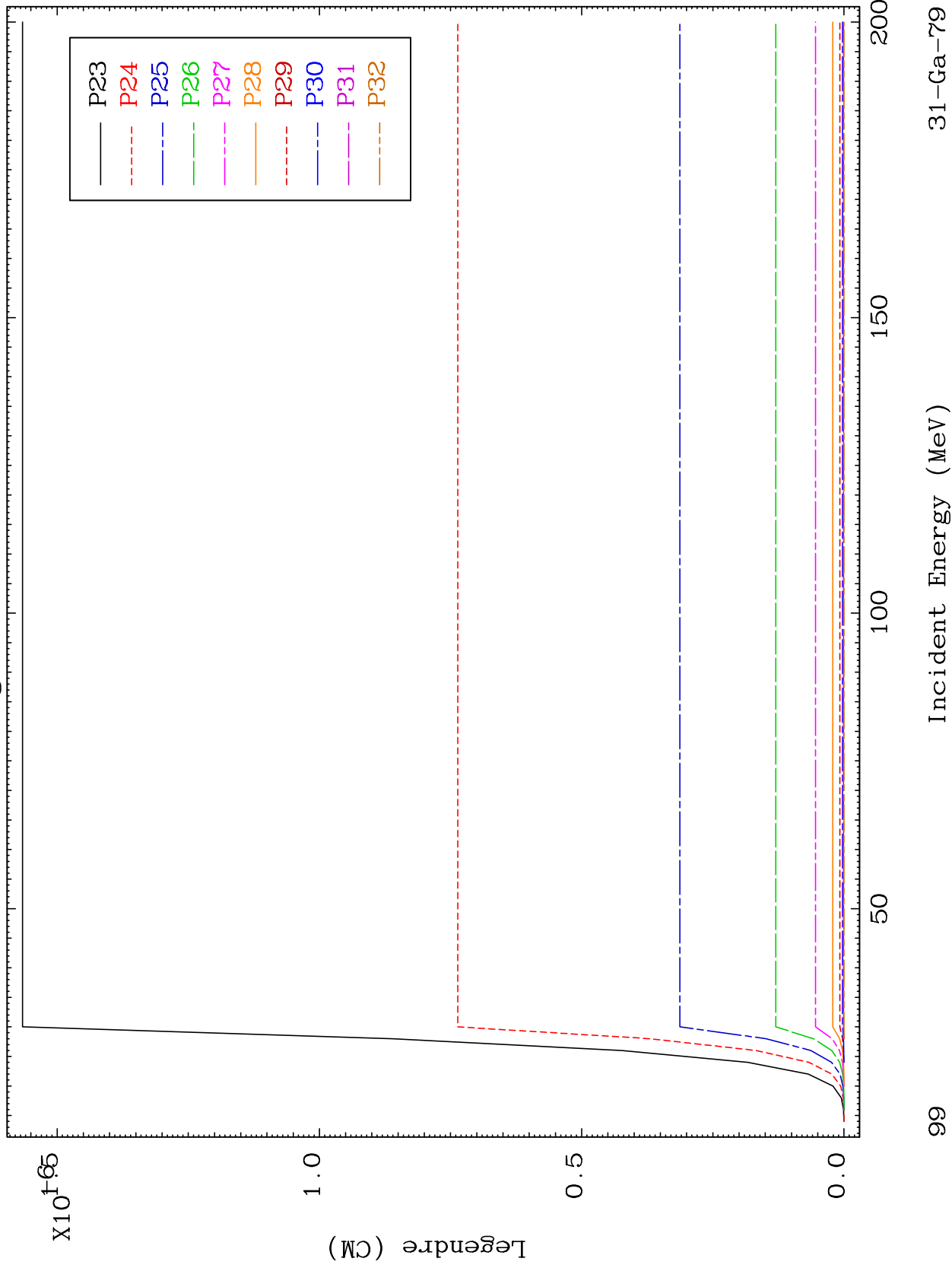
31-Ga-79

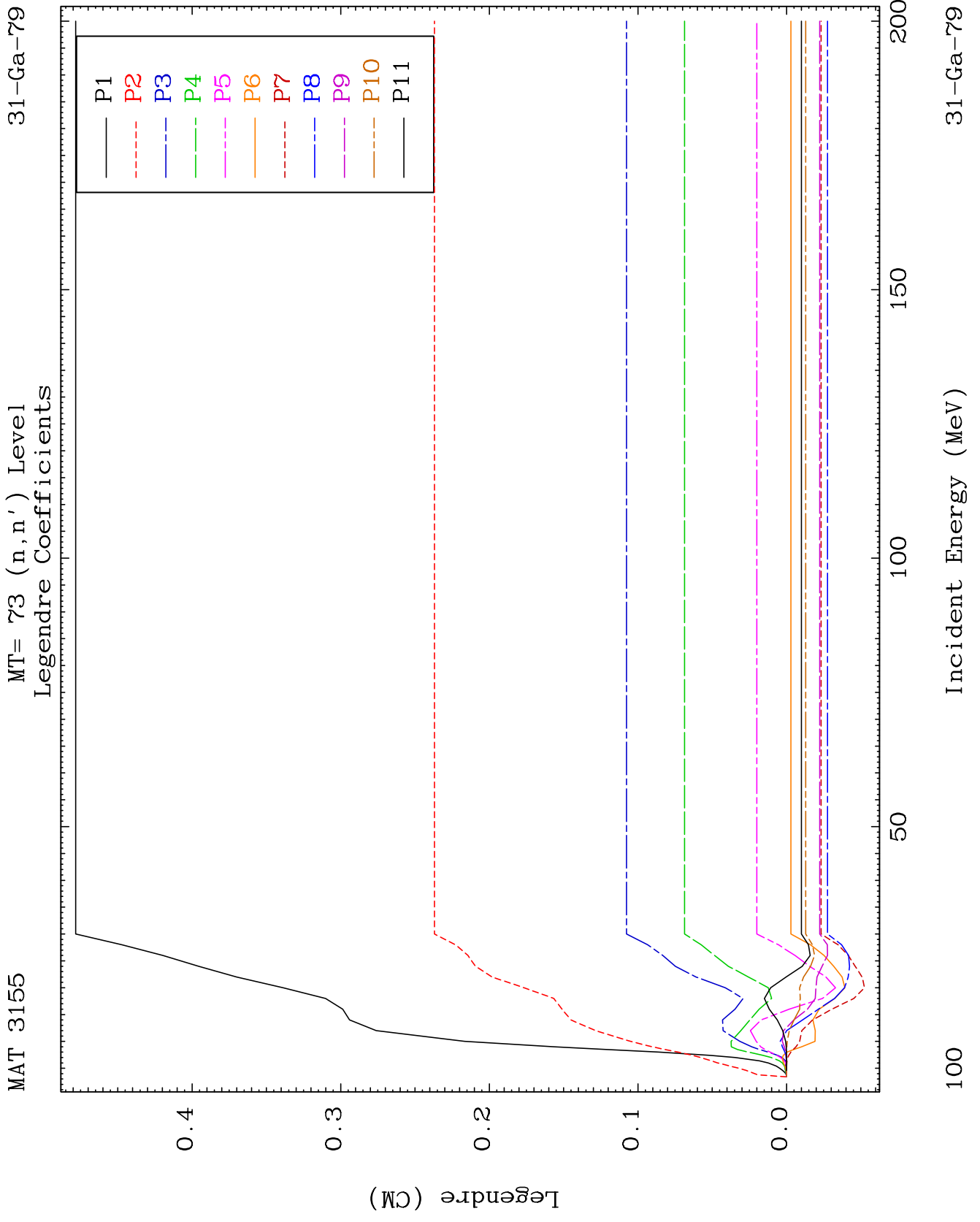


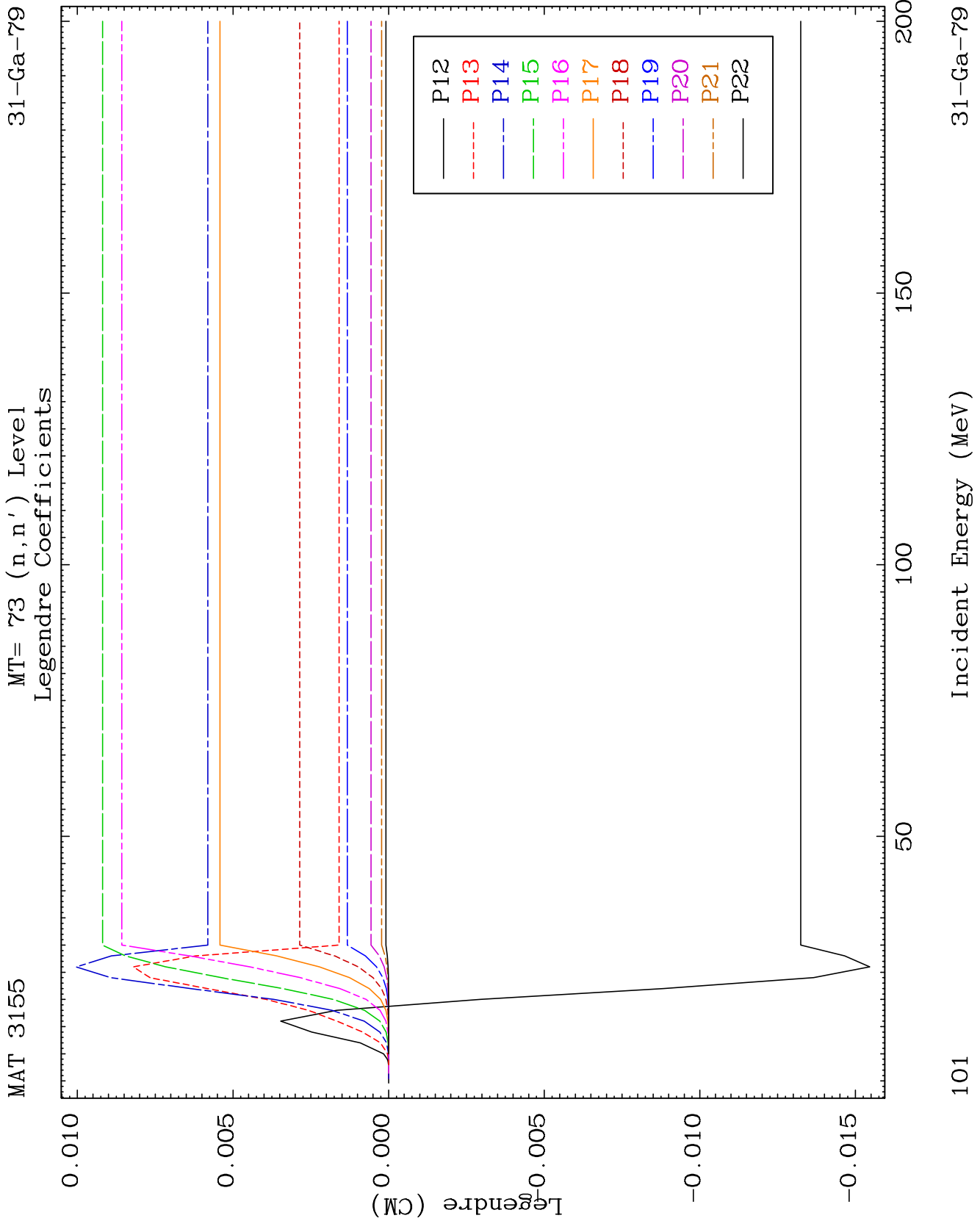
MAT 3155

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

31-Ga-79



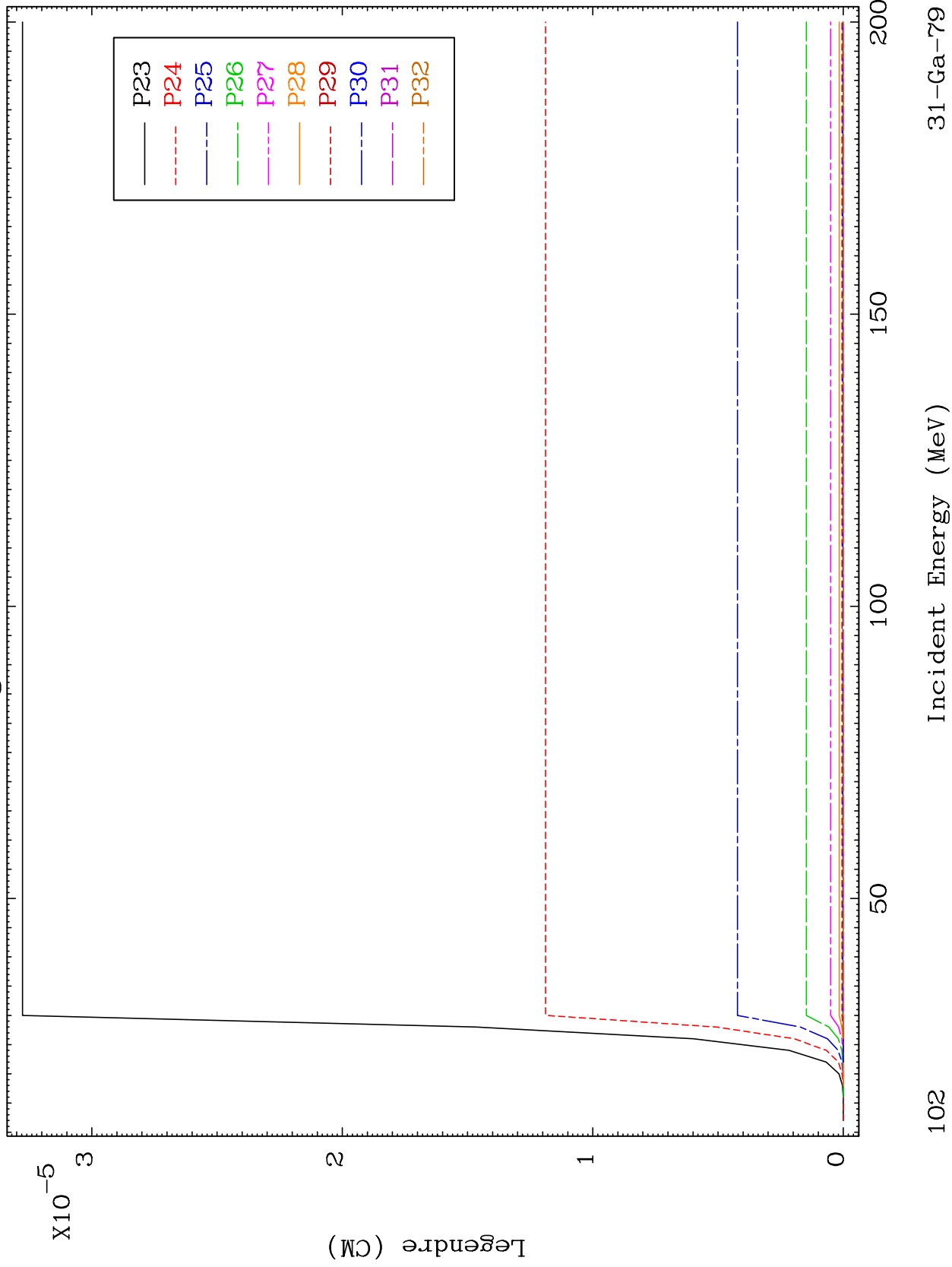




MAT 3155

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

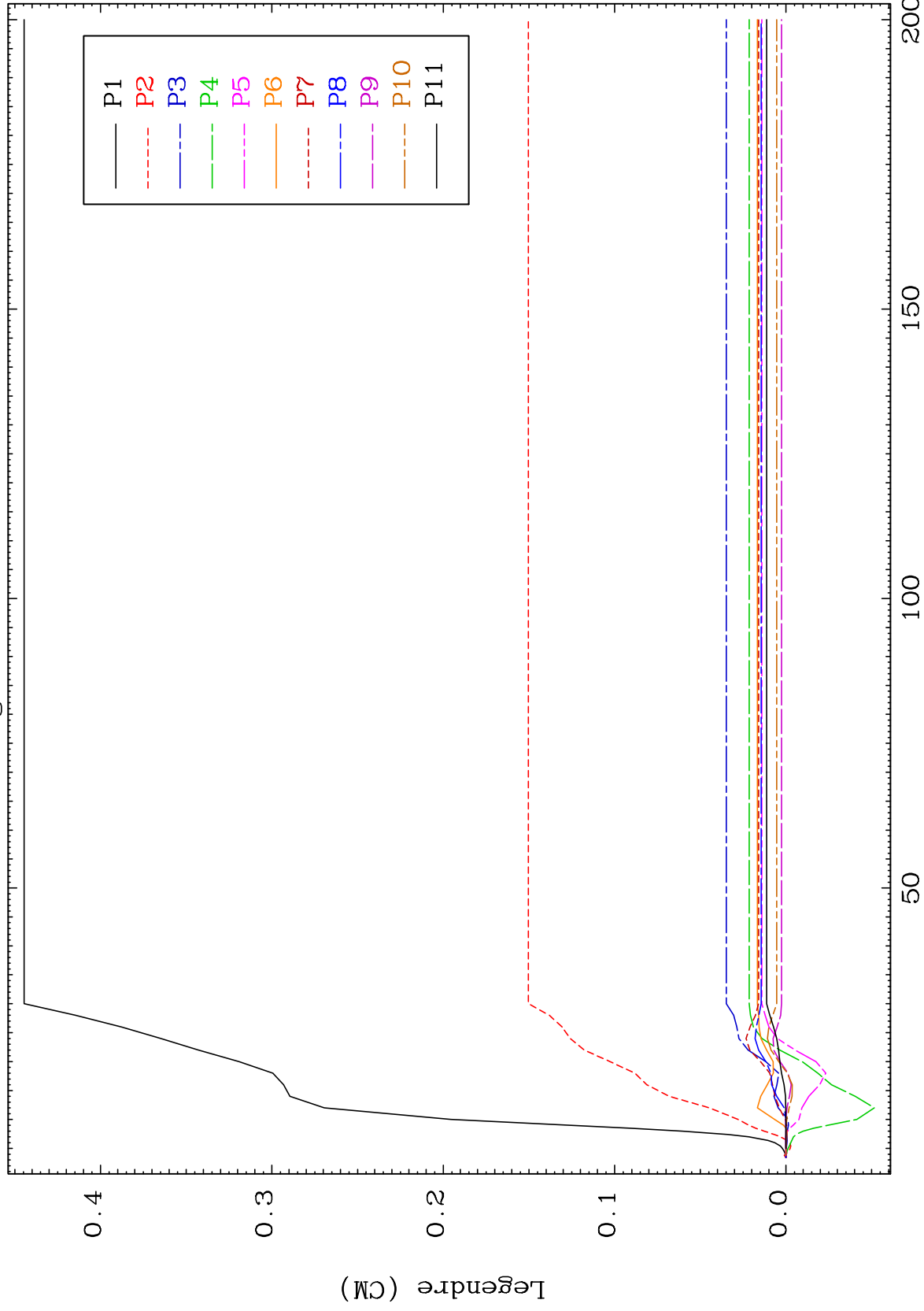
31-Ga-79



MAT 3155

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

31-Ga-79



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Incident Energy (MeV)

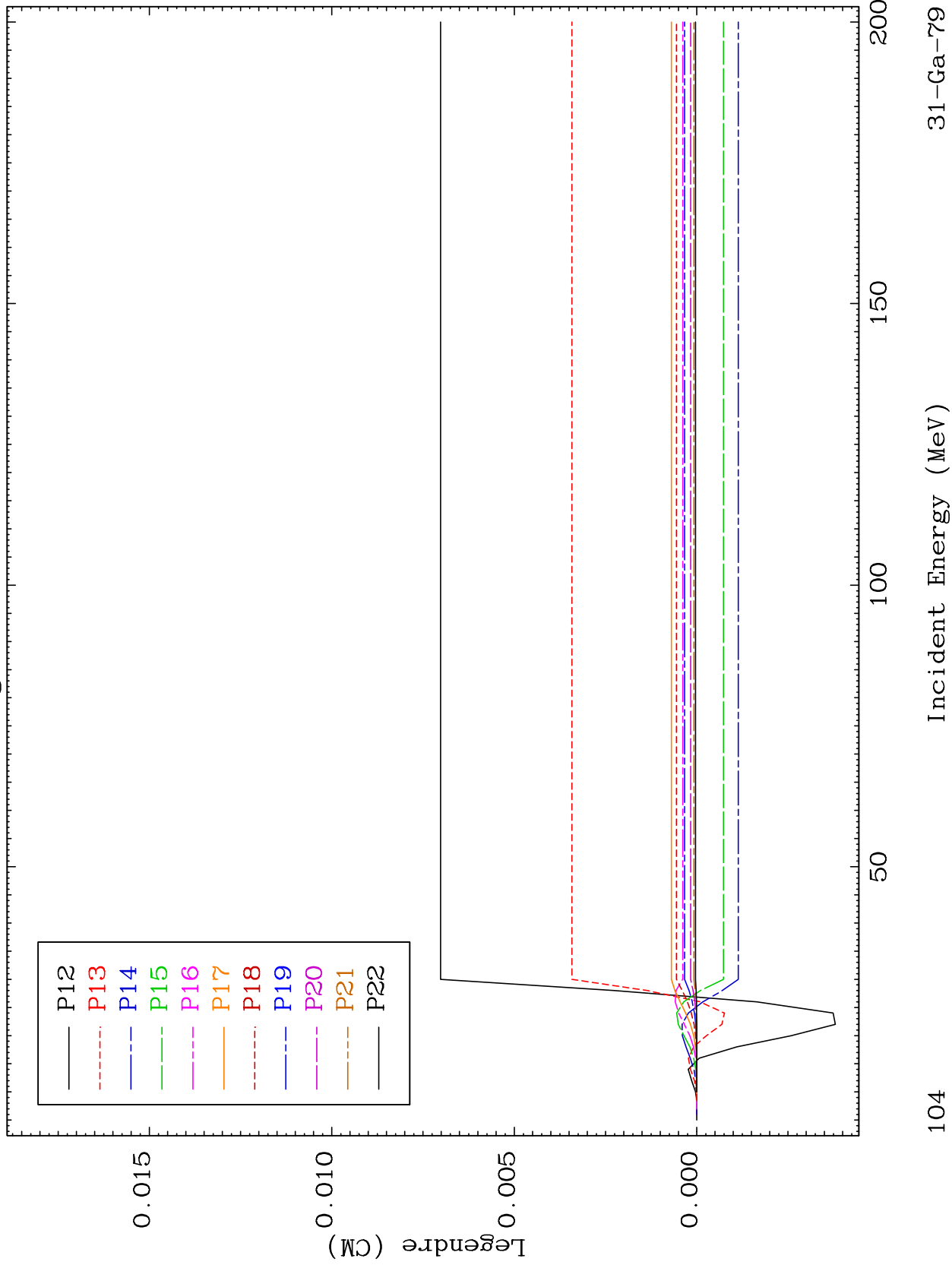
31-Ga-79



MAT 3155

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

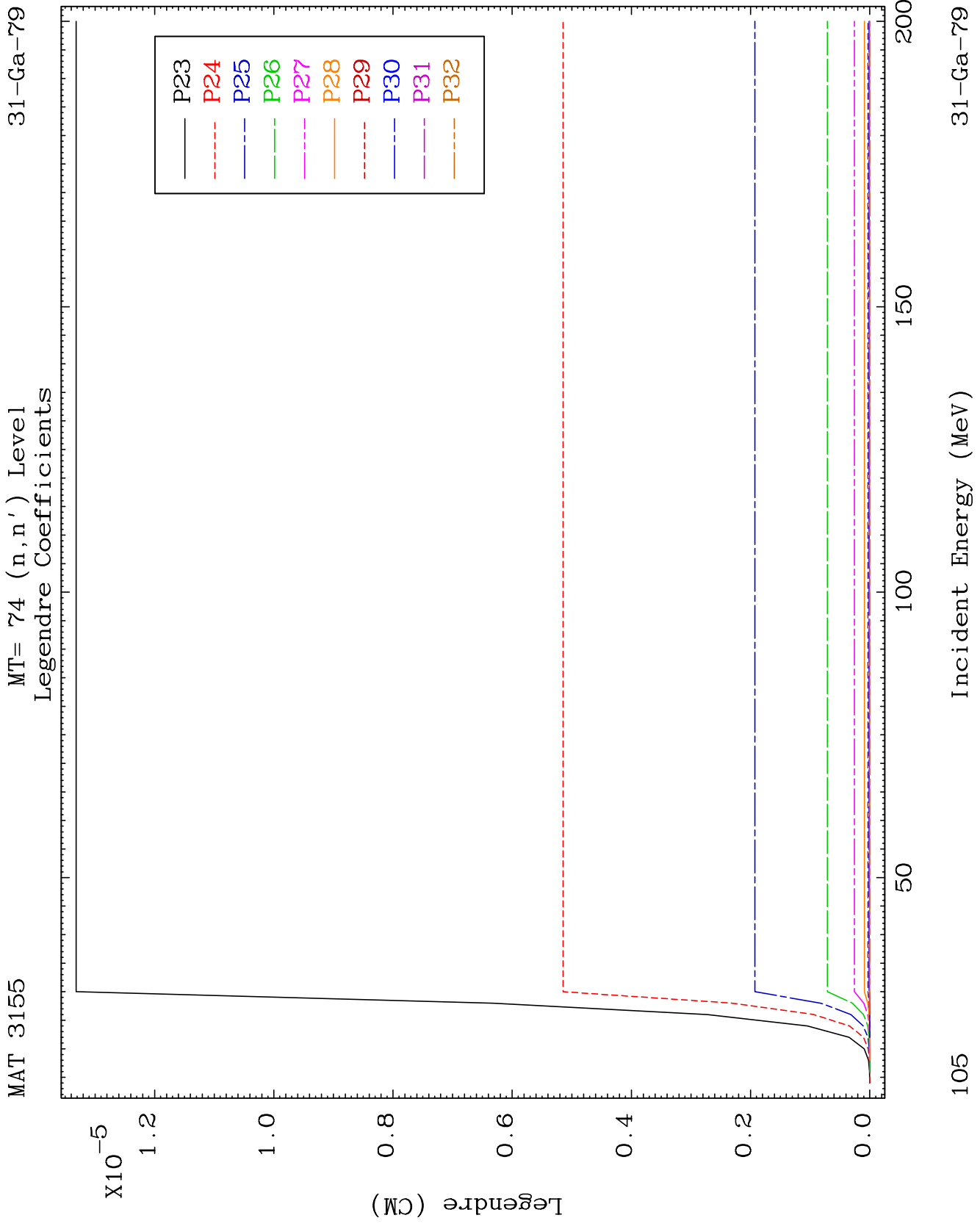
31-Ga-79



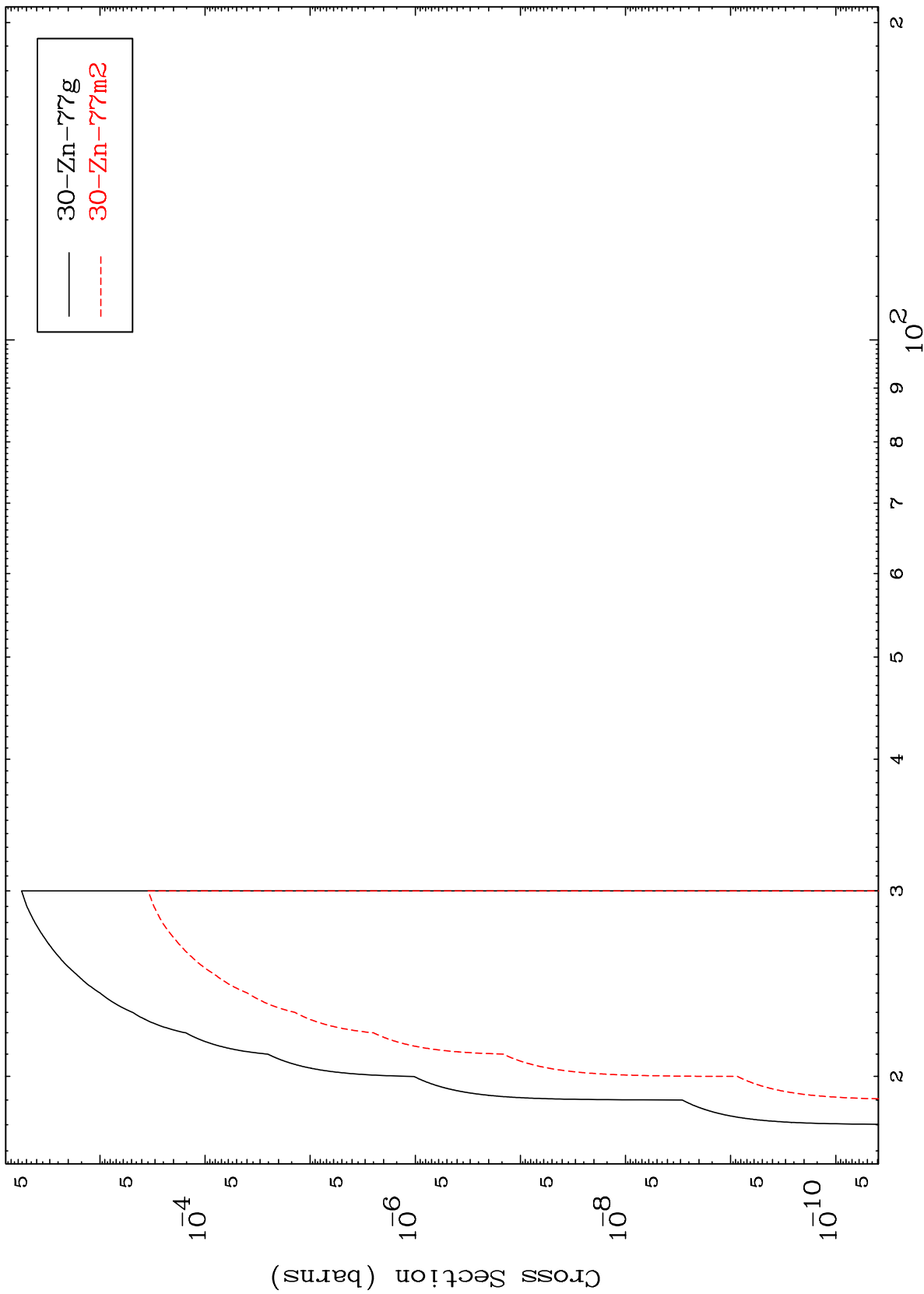
104

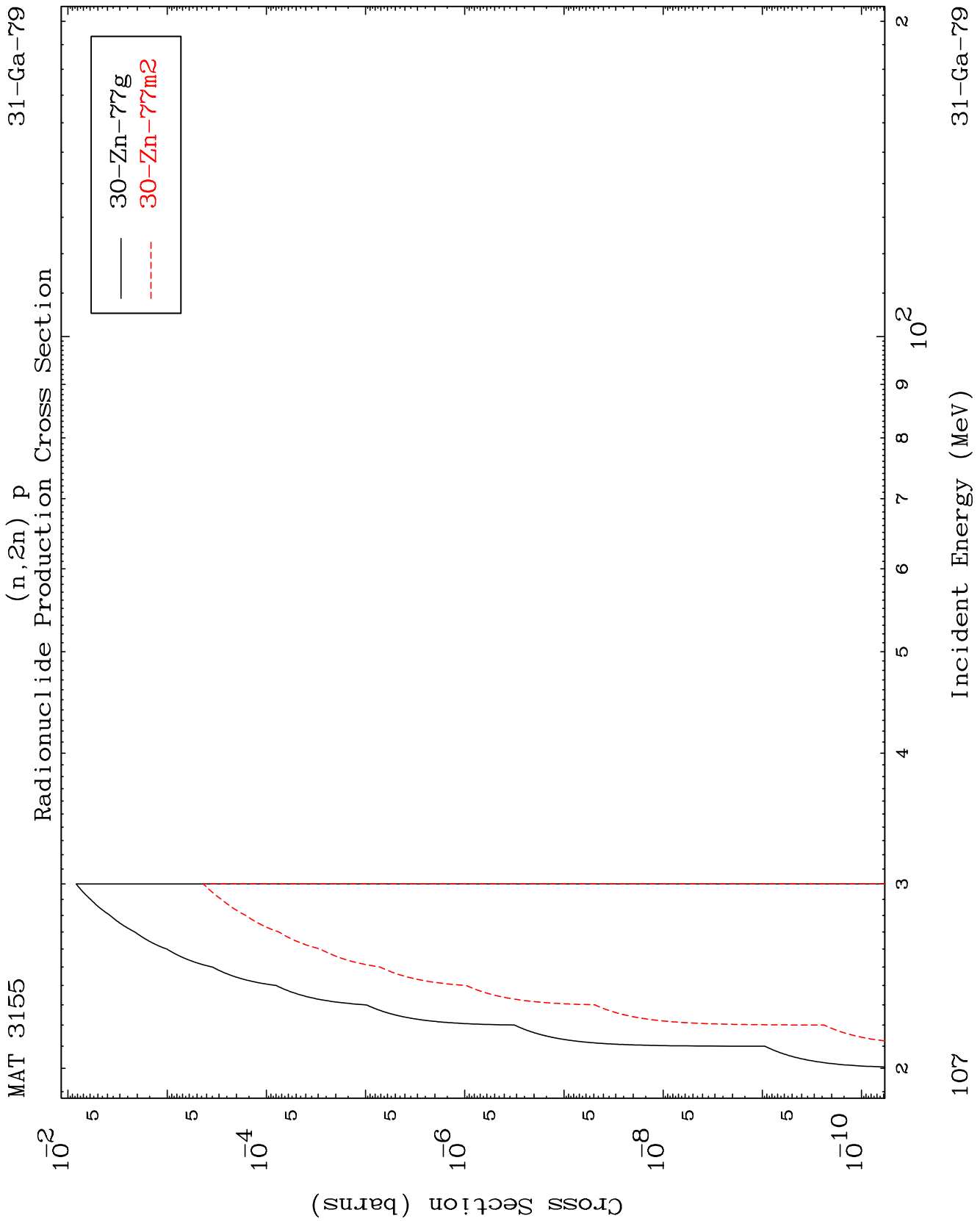
Incident Energy (MeV)

31-Ga-79



Radionuclide Production Cross Section



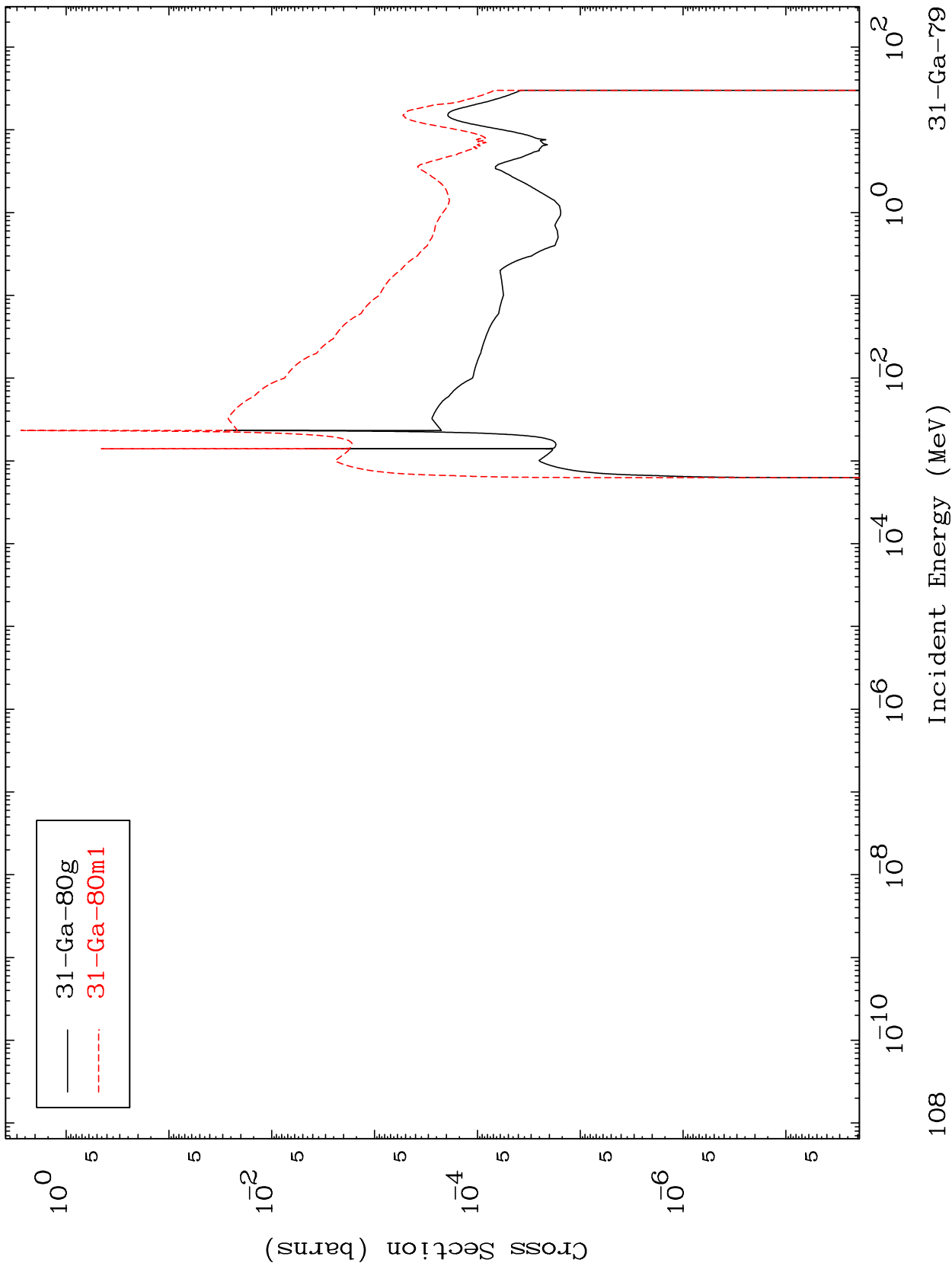


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MAT 3155

31-Ga-79

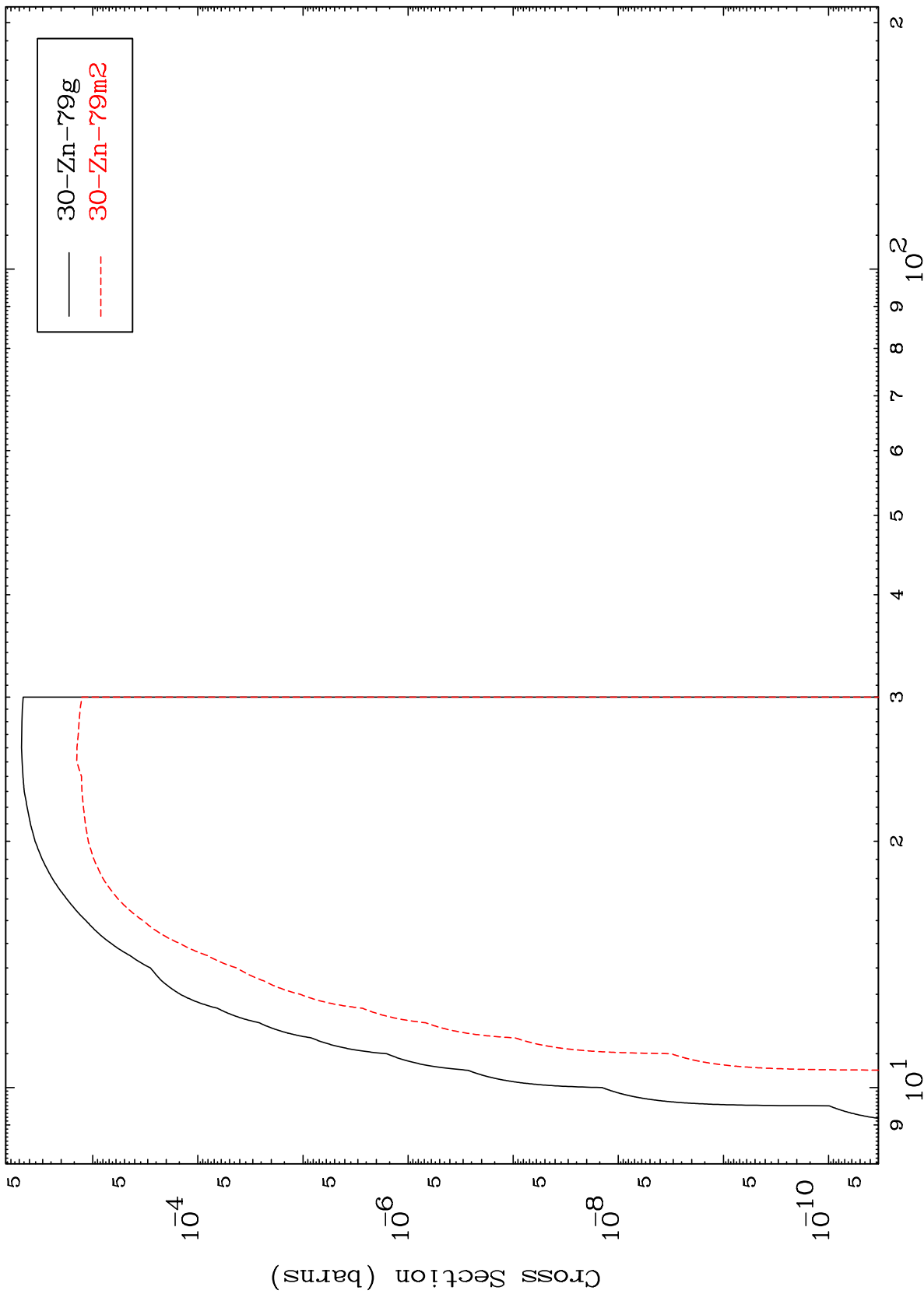
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 3155

31-Ga-79

(n,p)  
Radionuclide Production Cross Section



31-Ga-79

Incident Energy (MeV)

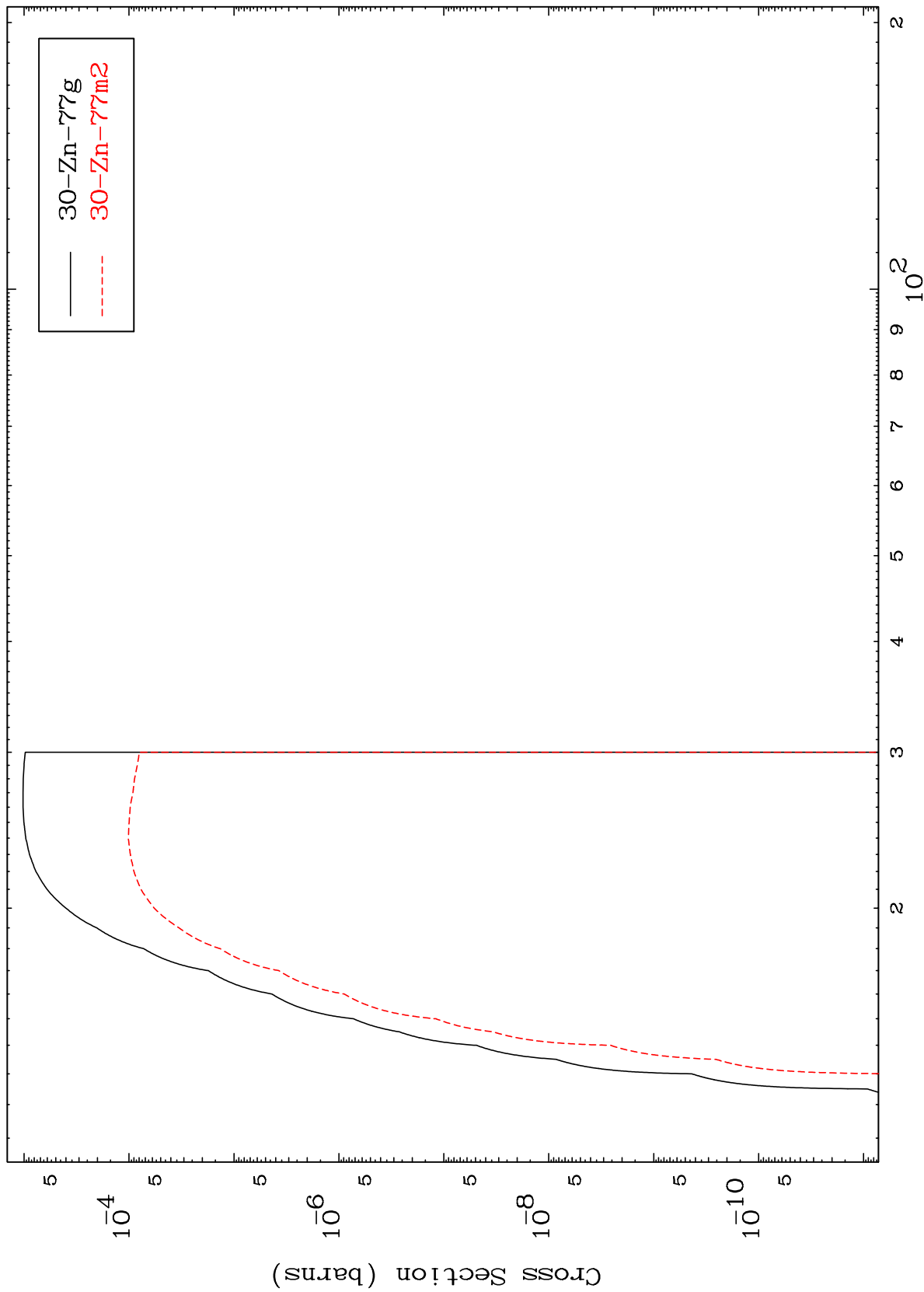
109

MAT 3155

(n, t)

31-Ga-79

Radionuclide Production Cross Section



110

Incident Energy (MeV)

31-Ga-79