

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

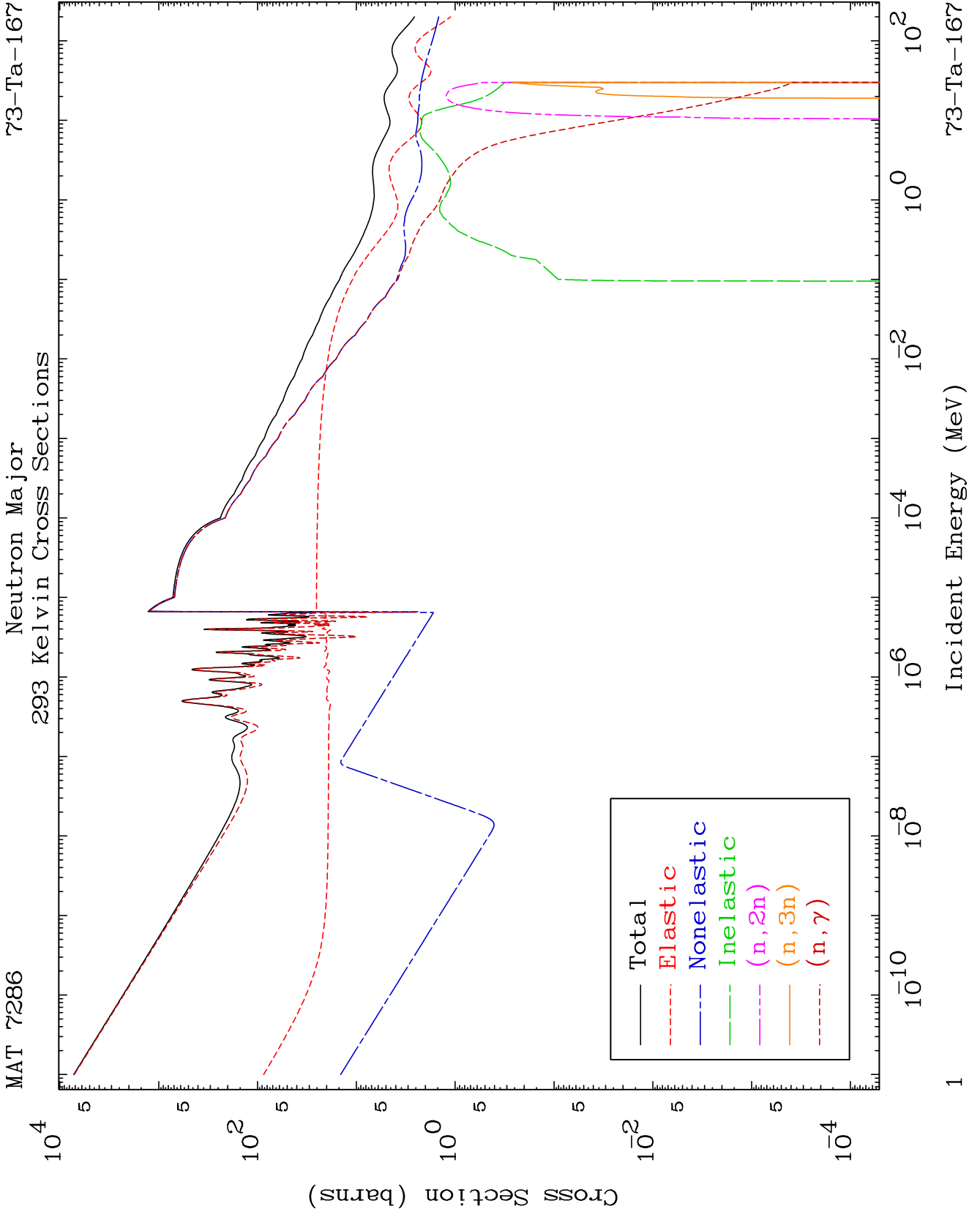
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Livermore, CA 94550  
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

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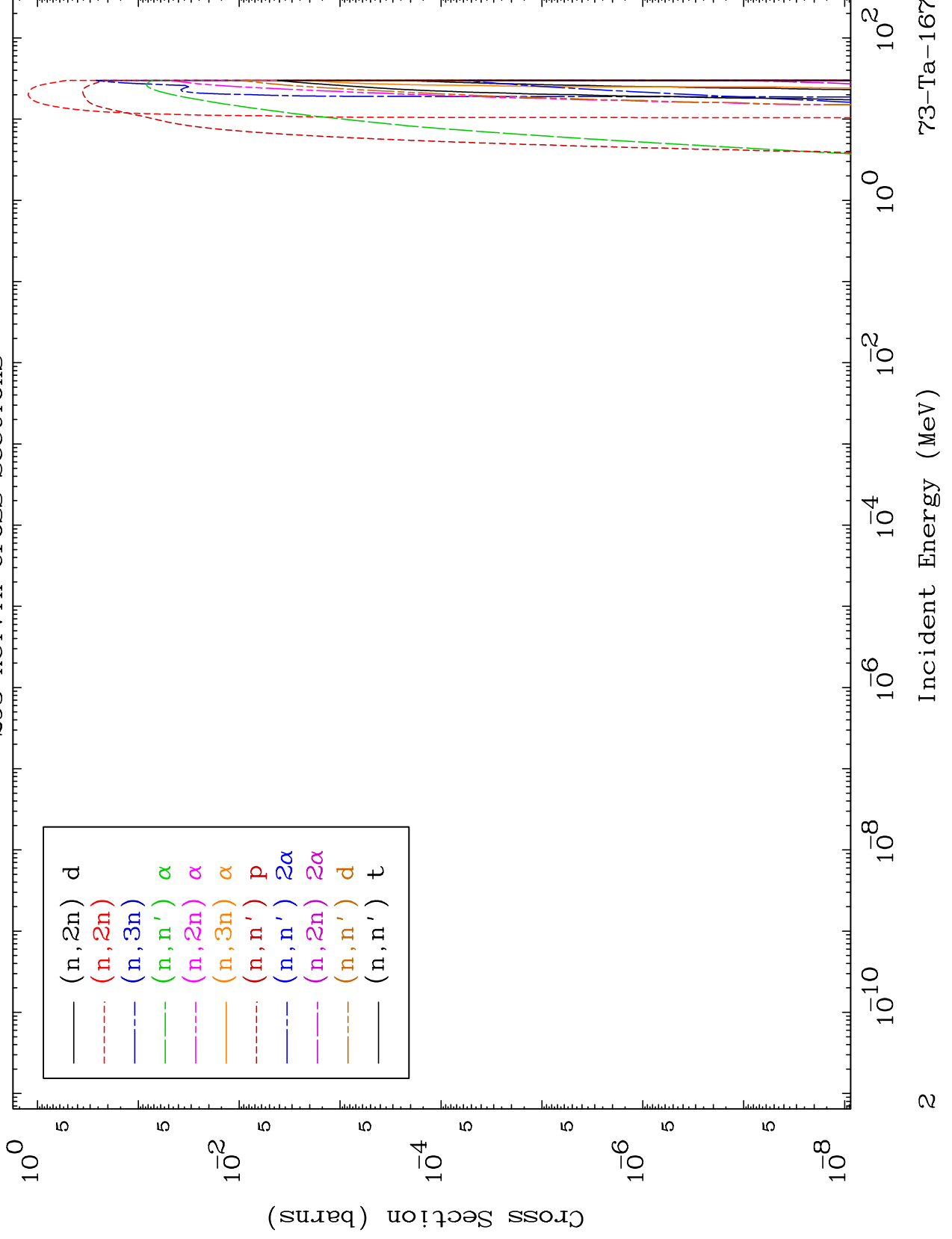
Press Mouse Button to Start



MAT 7286

Neutron Absorption  
293 Kelvin Cross Sections

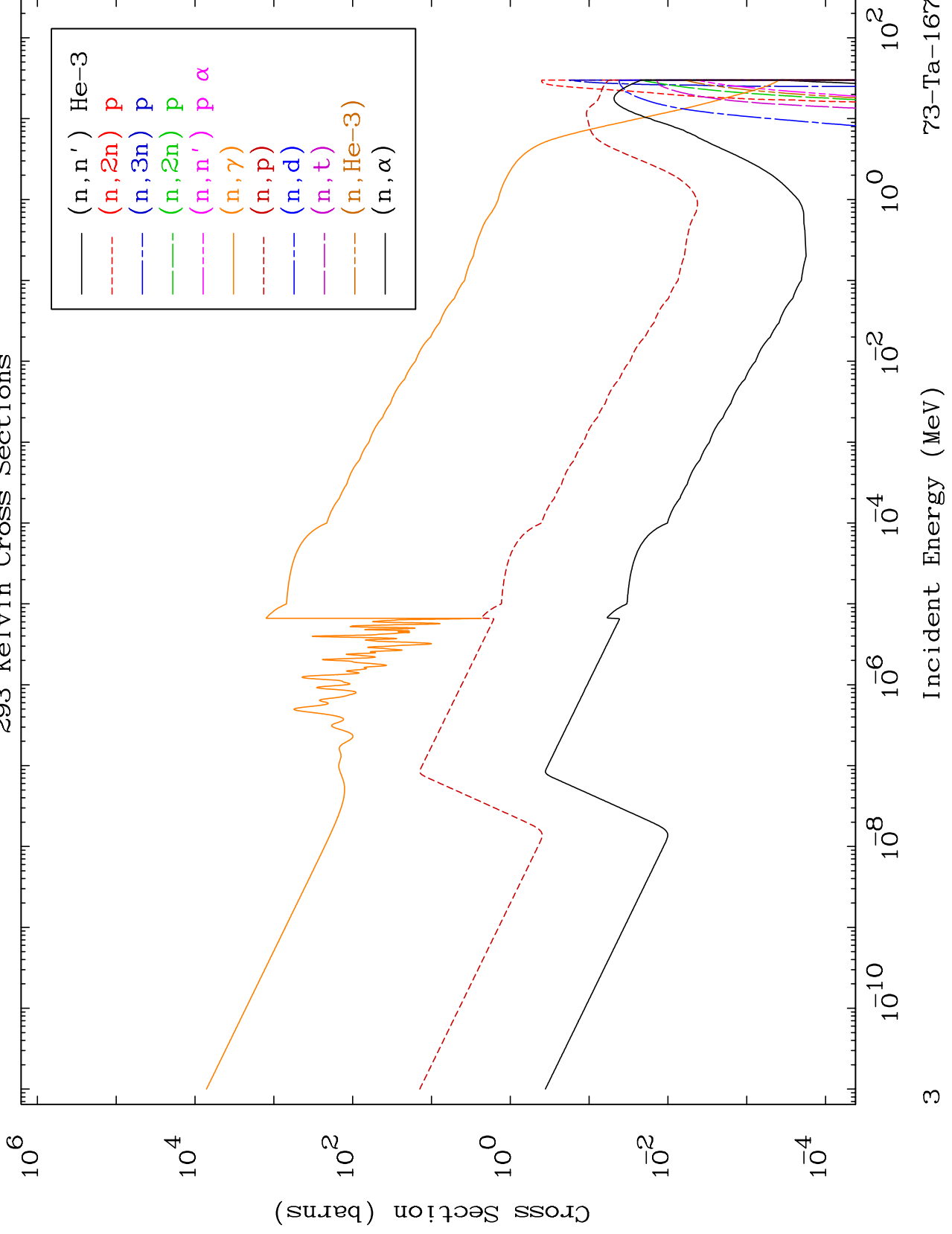
73-Ta-167



MAT 7286

Neutron Absorption  
293 Kelvin Cross Sections

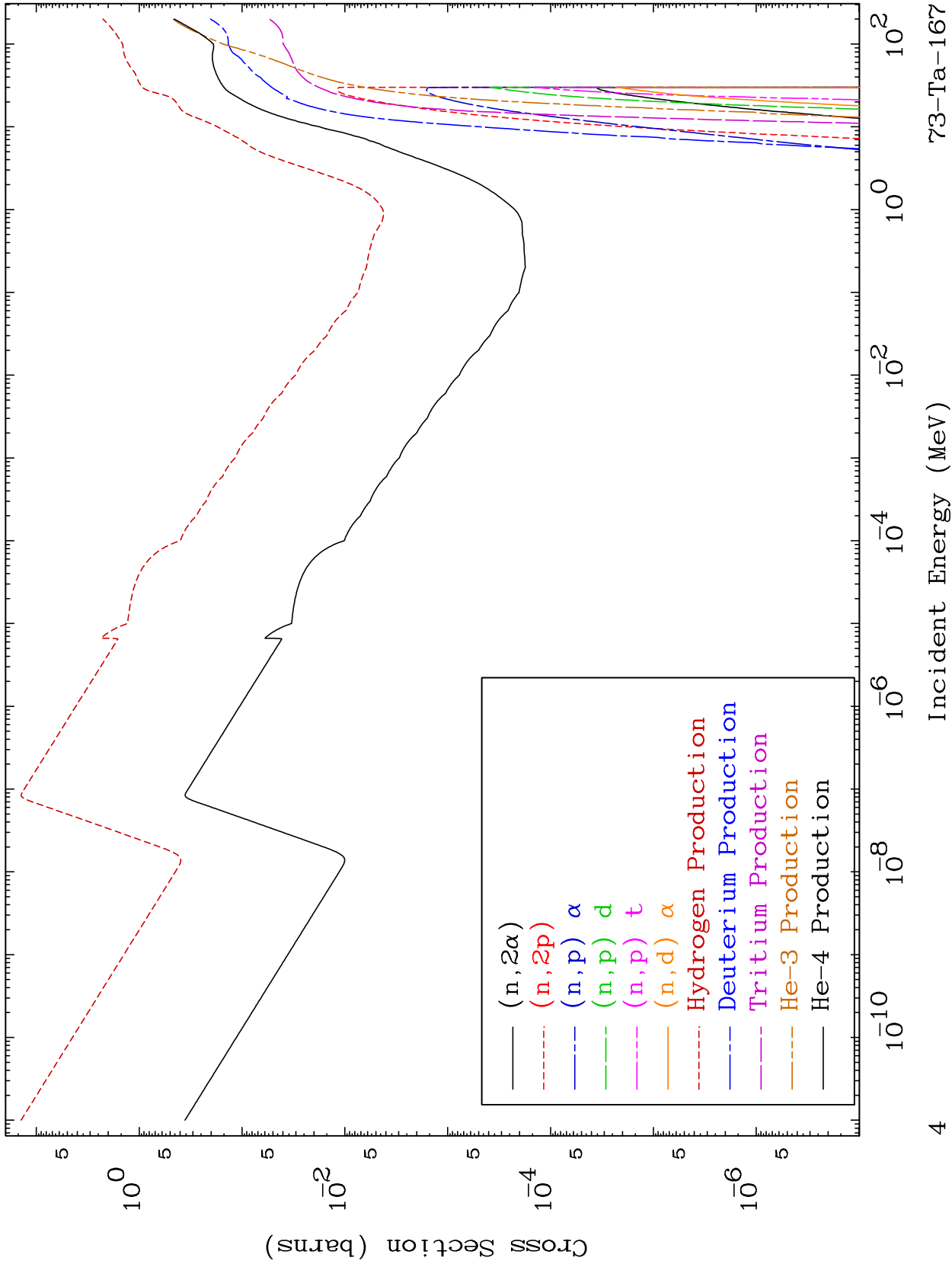
73-Ta-167



MAT 7286

Neutron Absorption  
293 Kelvin Cross Sections

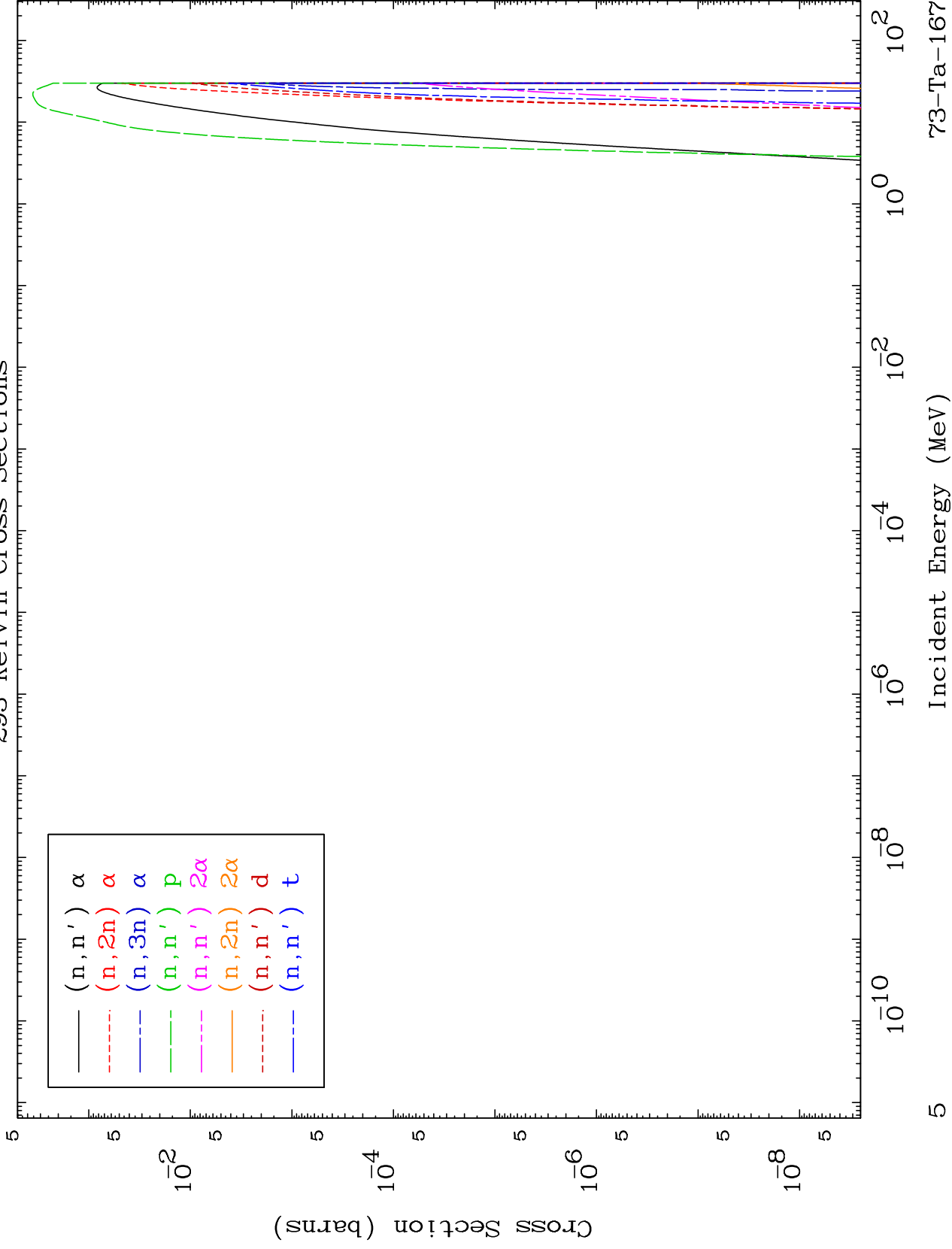
73-Ta-167



MAT 7286

Charged Particle  
293 Kelvin Cross Sections

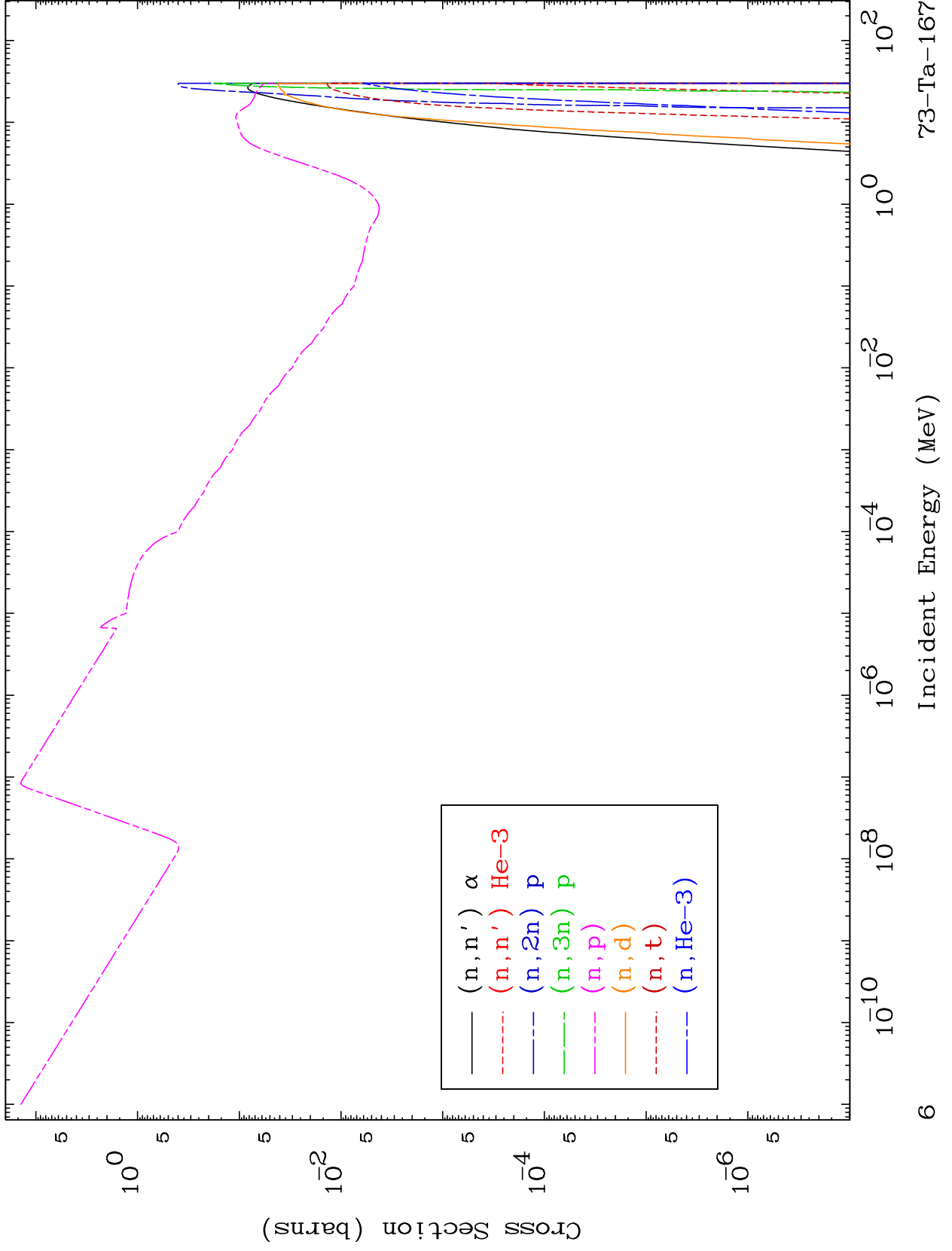
73-Ta-167



MAT 7286

Charged Particle  
293 Kelvin Cross Sections

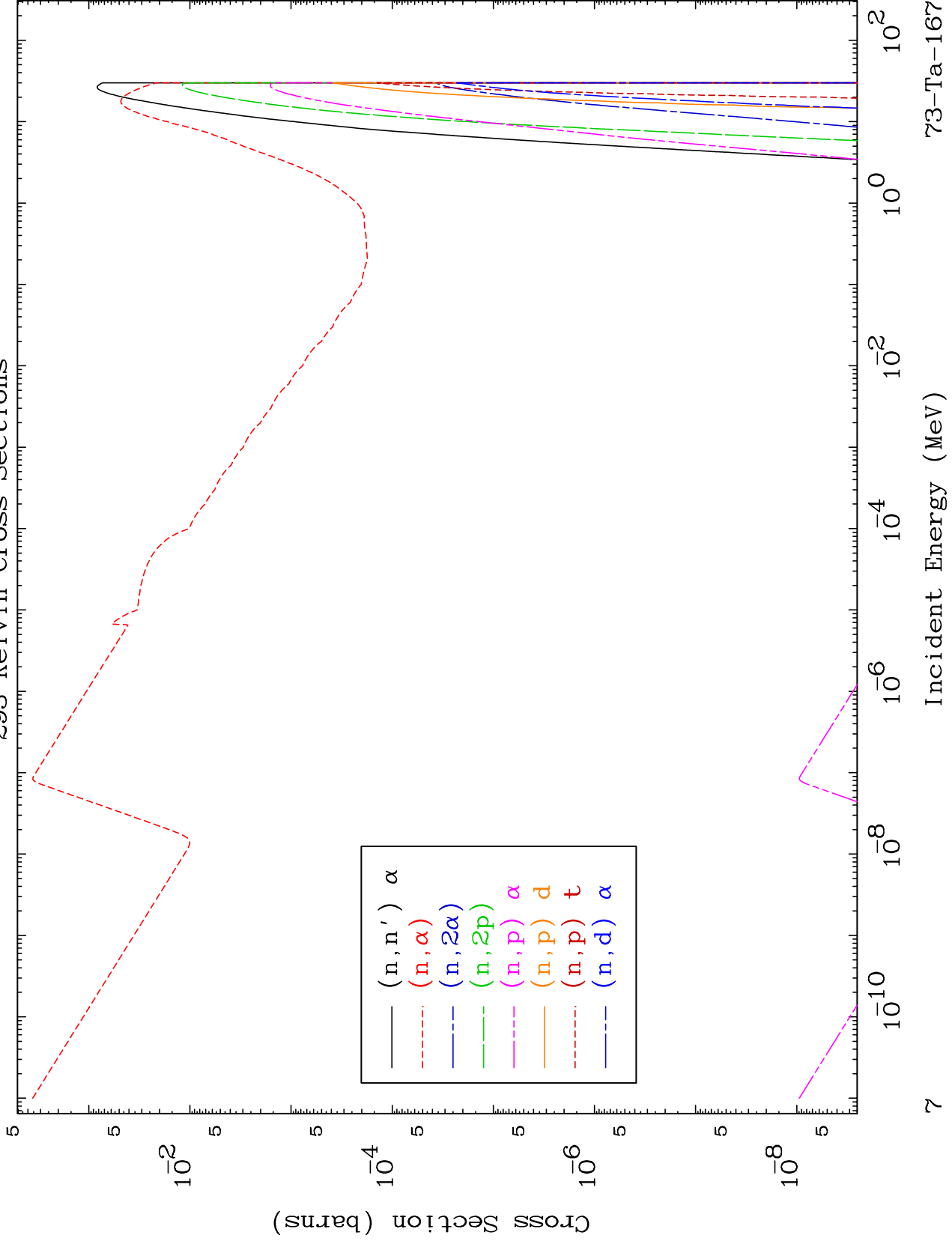
73-Ta-167

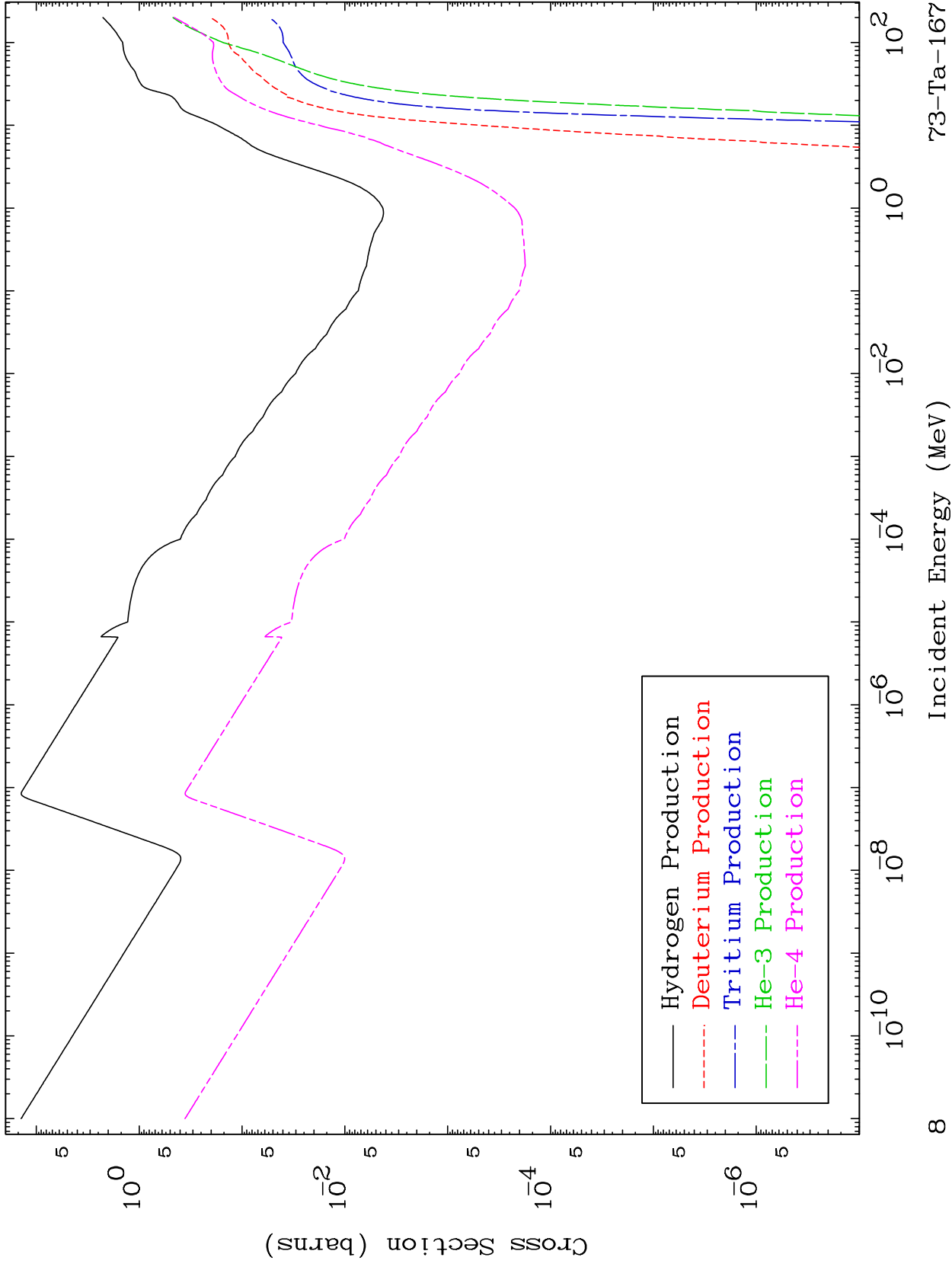


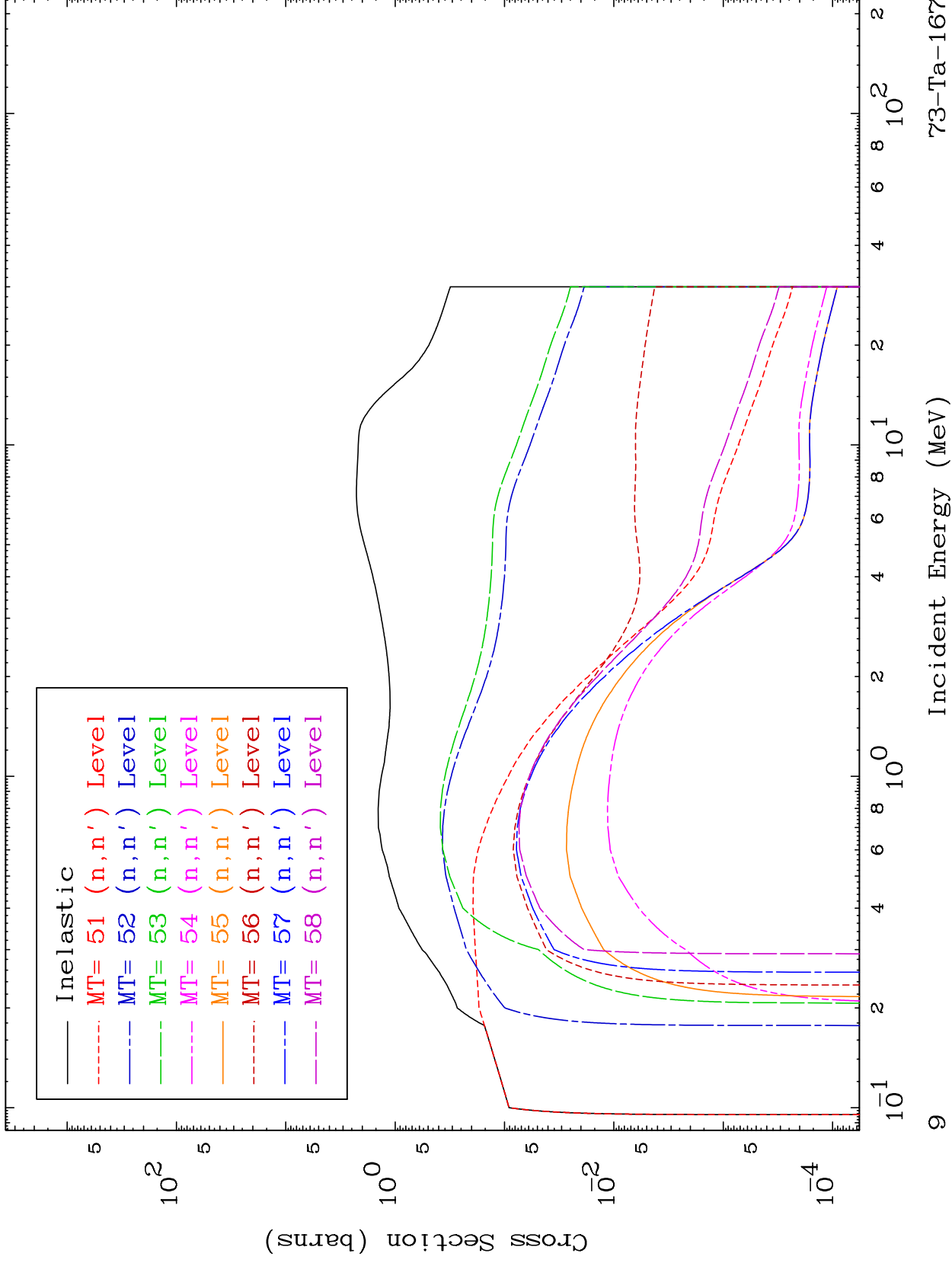
MAT 7286

Charged Particle  
293 Kelvin Cross Sections

73-Ta-167



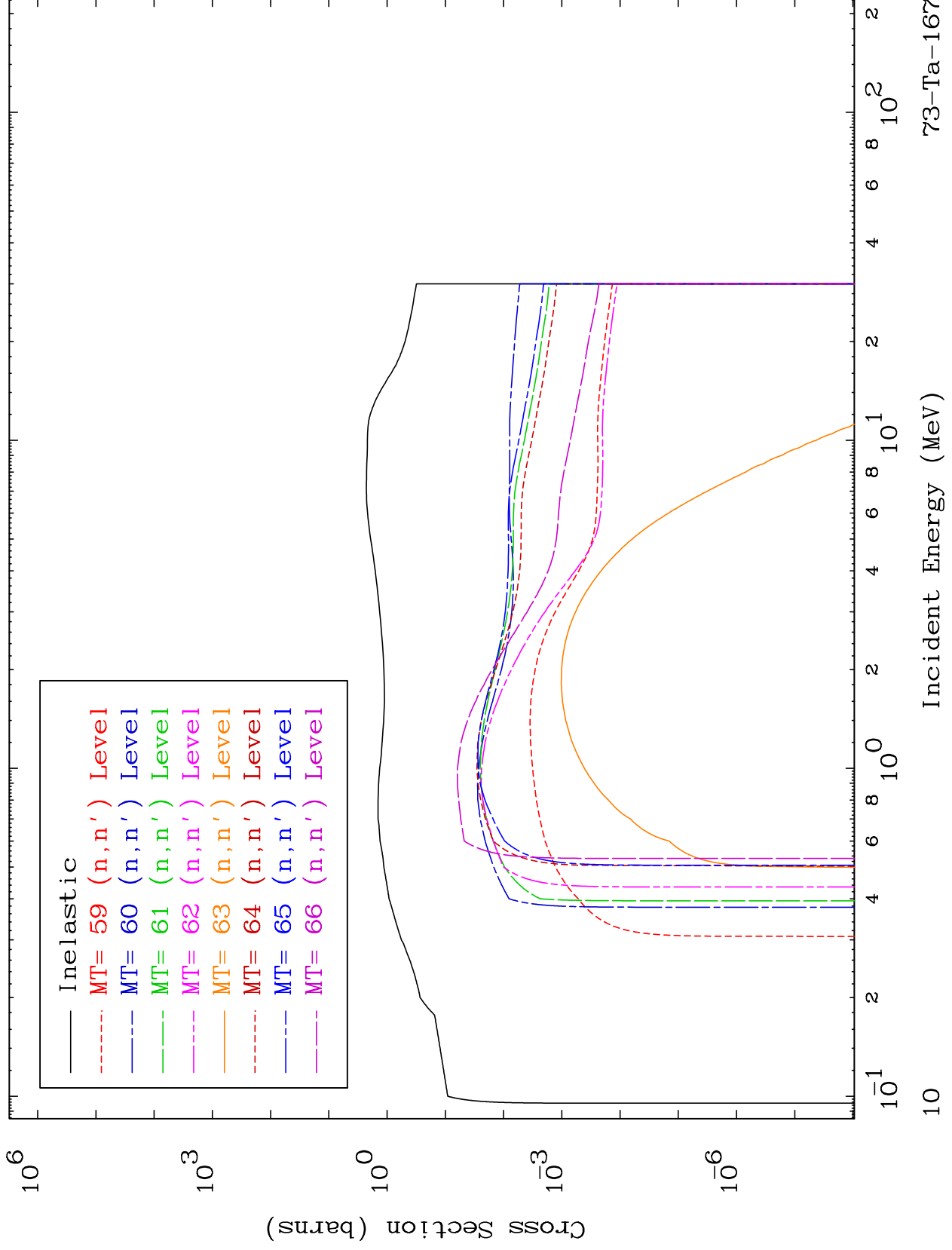




MAT 7286

(n,n') Levels  
293 Kelvin Cross Sections

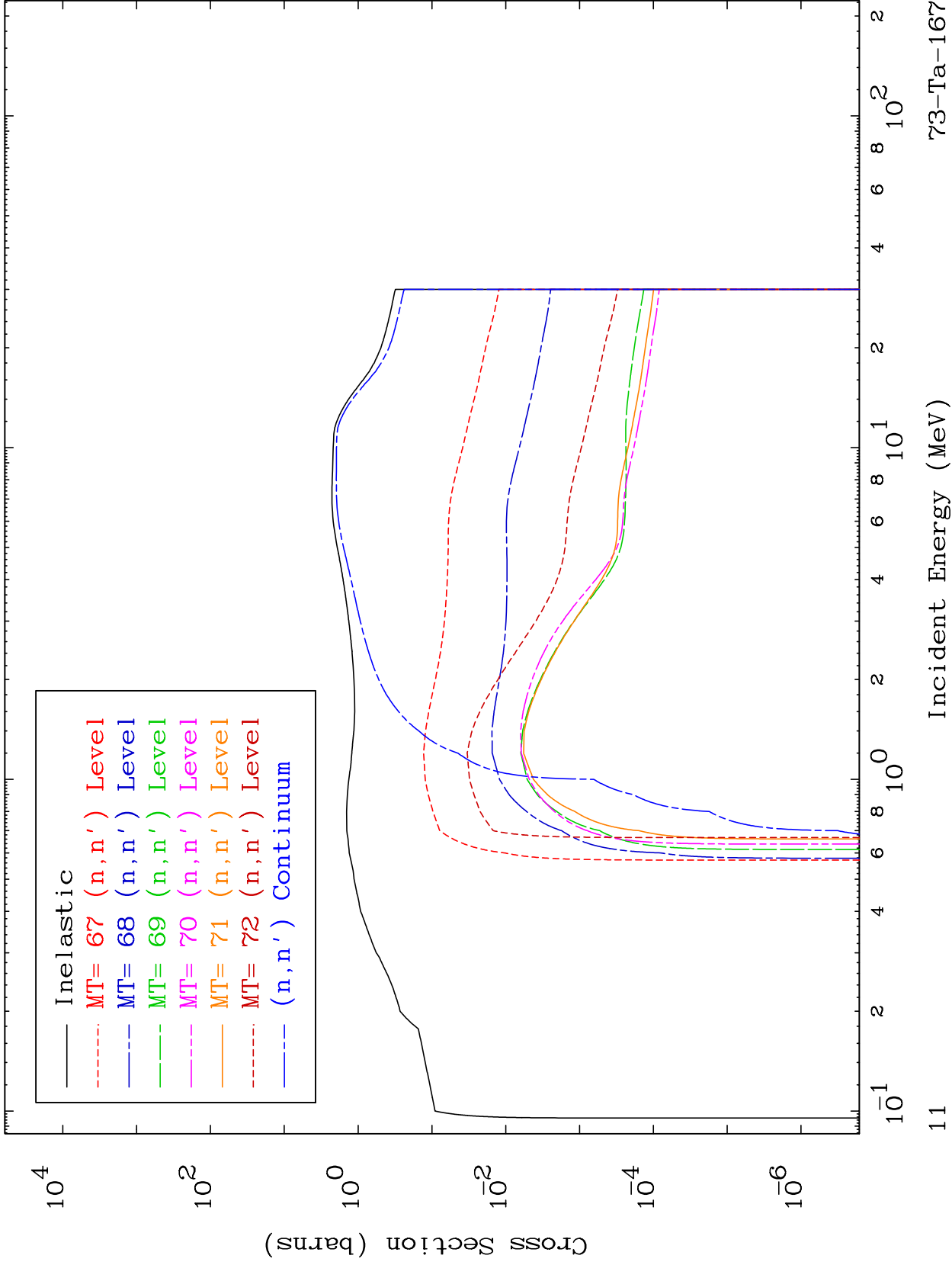
73-Ta-167



MAT 7286

(n,n') Levels  
293 Kelvin Cross Sections

73-Ta-167



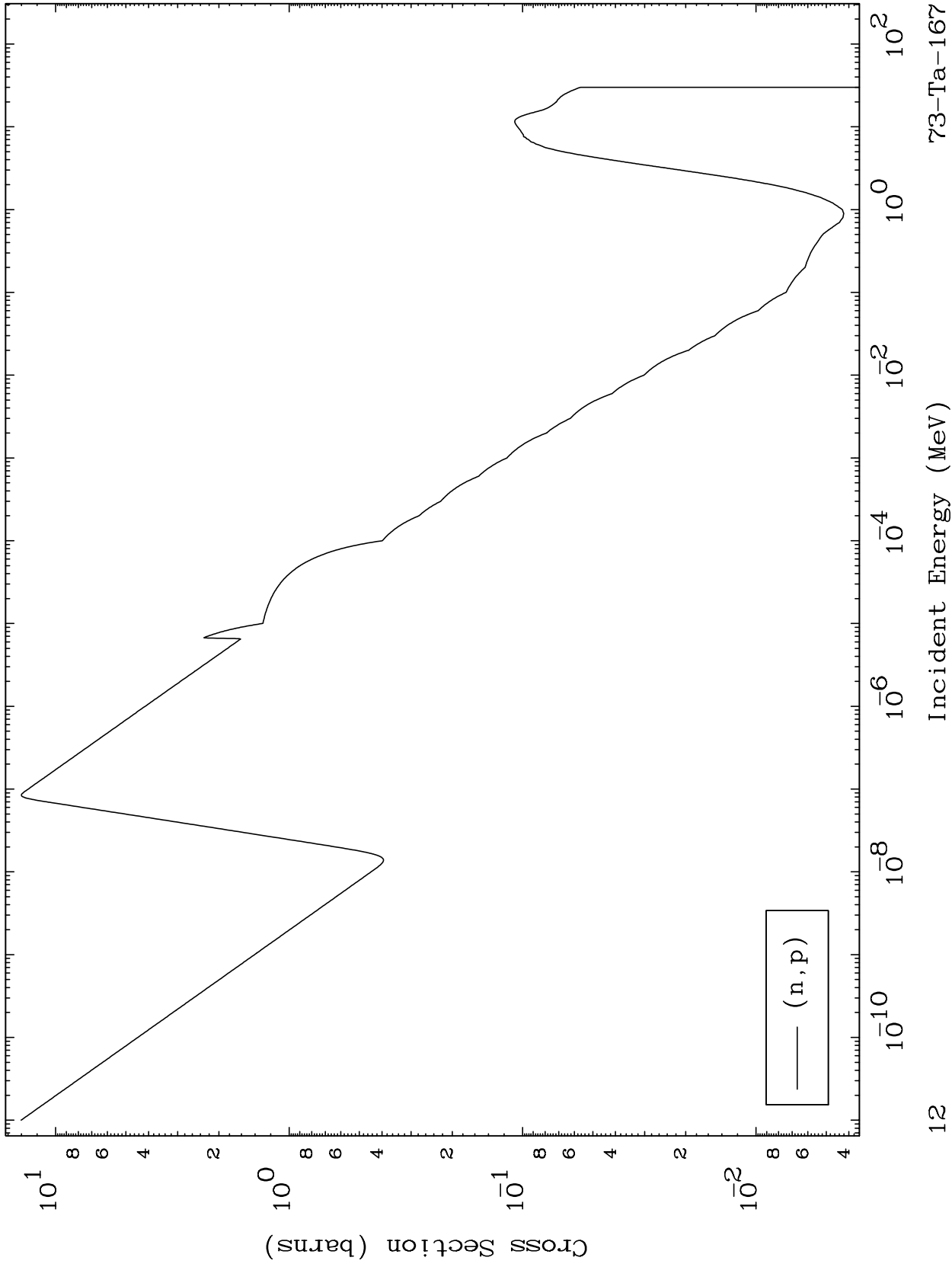
11

73-Ta-167

MAT 7286

(n,p) Levels  
293 Kelvin Cross Sections

73-Ta-167

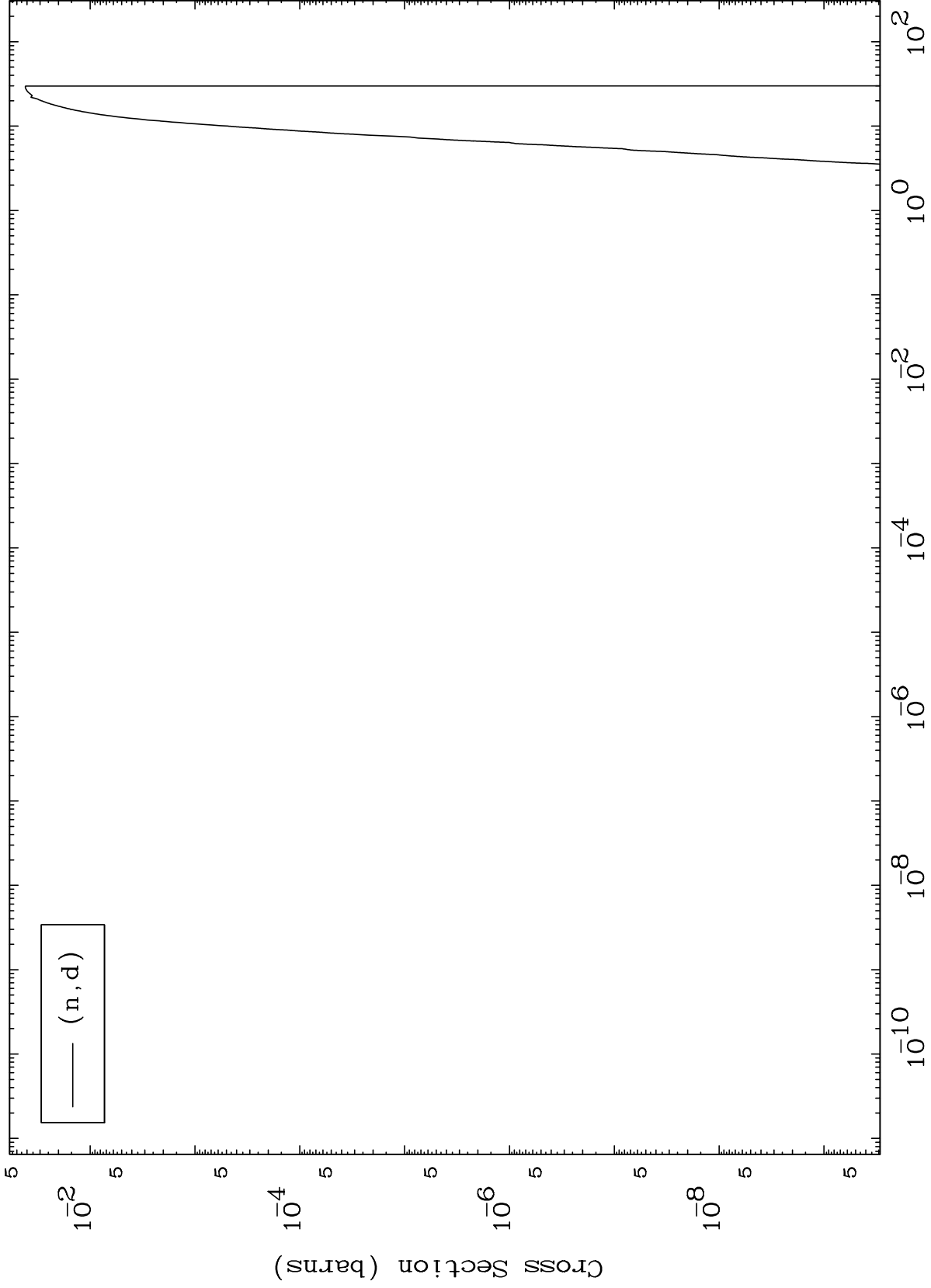


73-Ta-167

MAT 7286

(n,d) Levels  
293 Kelvin Cross Sections

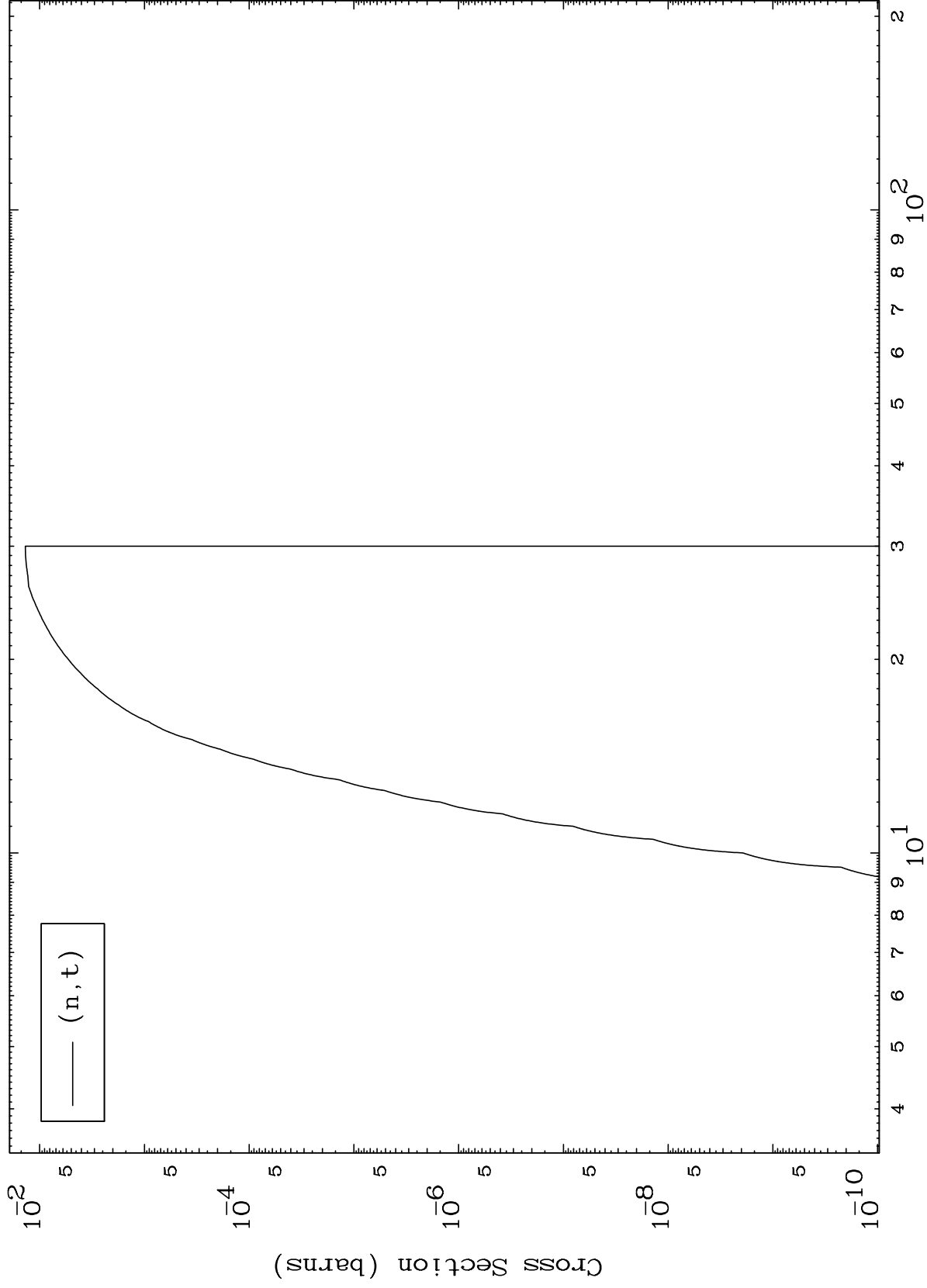
73-Ta-167



MAT 7286

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-167



14

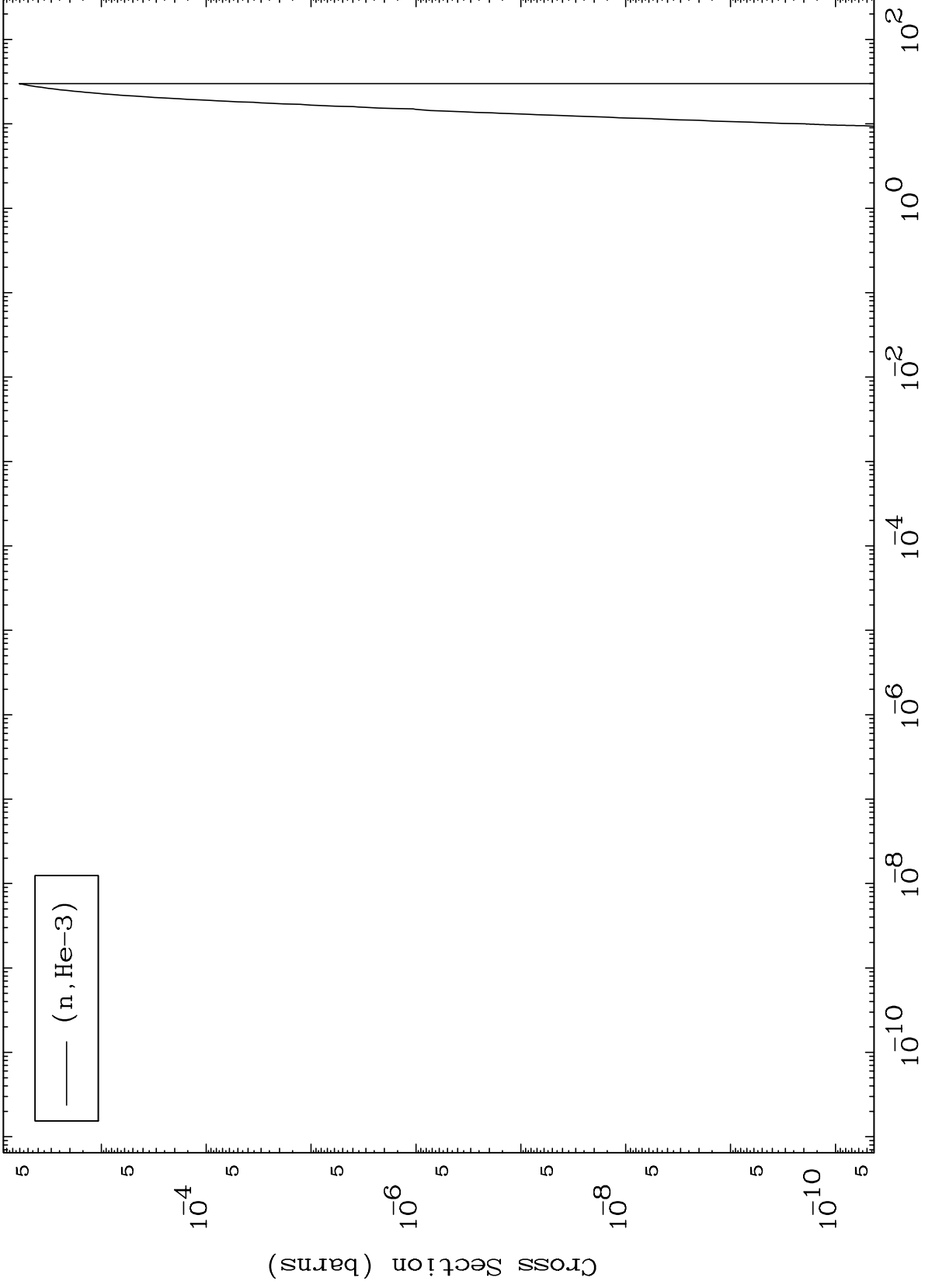
Incident Energy (MeV)

73-Ta-167

MAT 7286

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-167

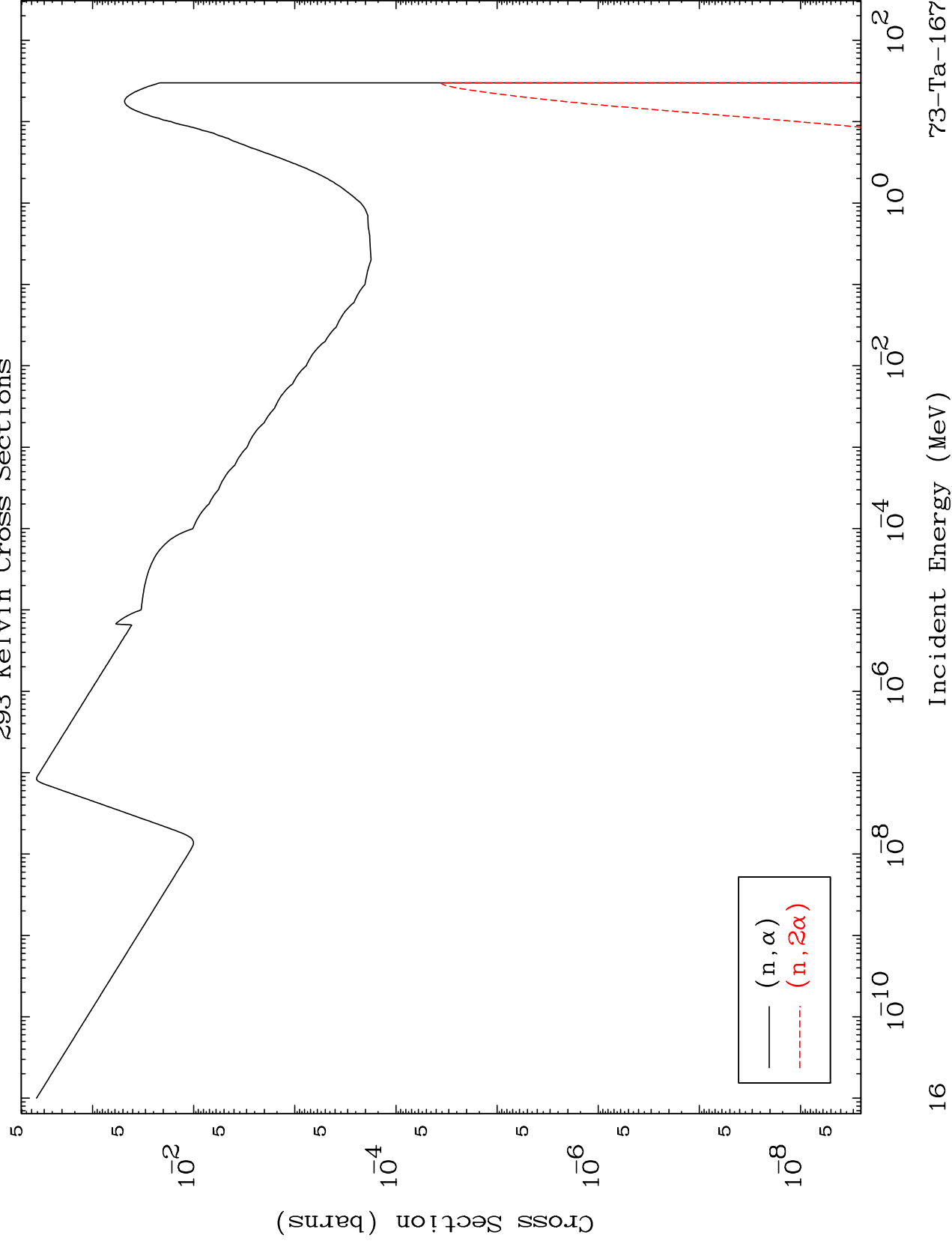


(n, He-3)

MAT 7286

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

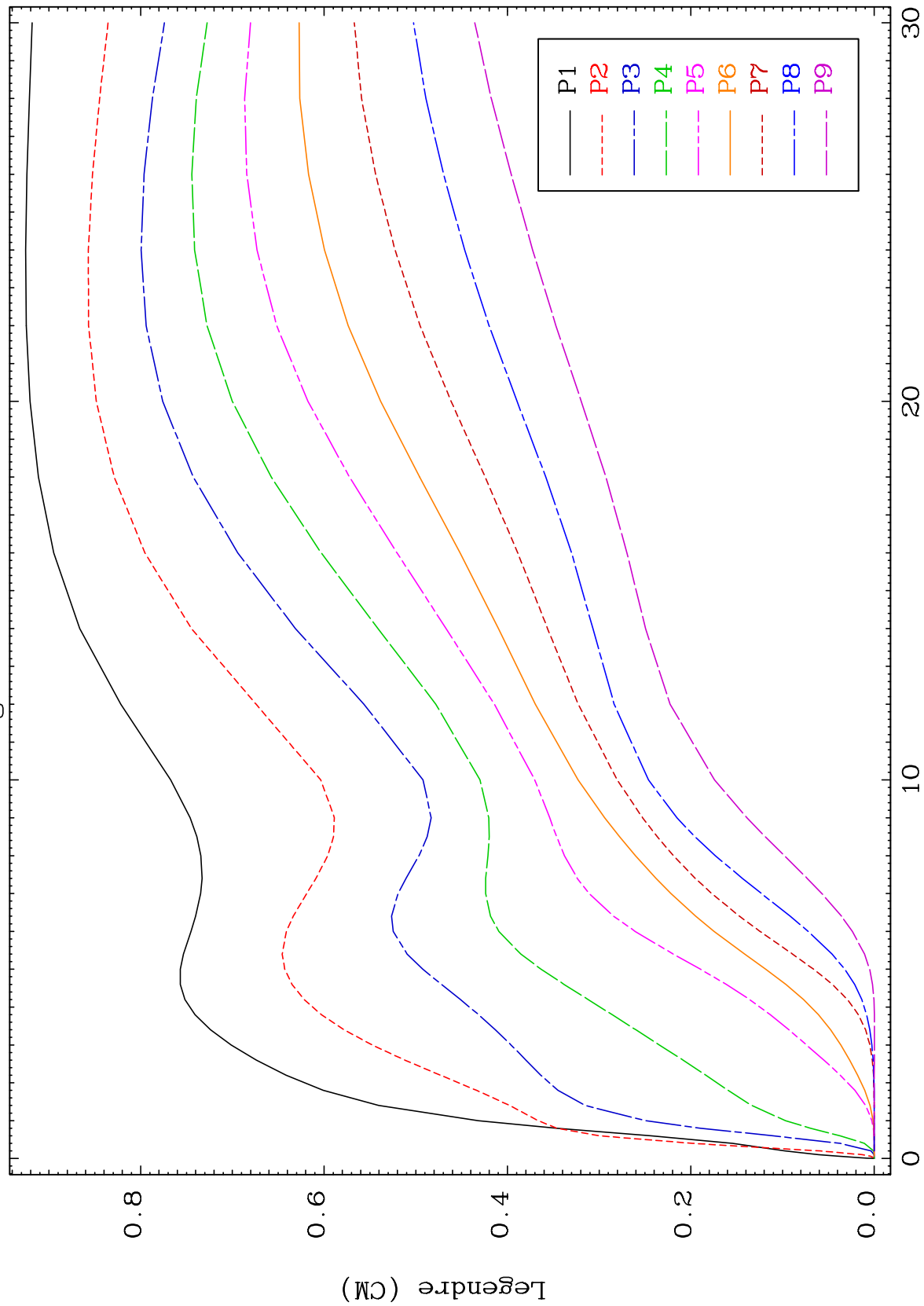
73-Ta-167



MAT 7286

Elastic Legendre Coefficients

<sup>73</sup>Ta-167



17

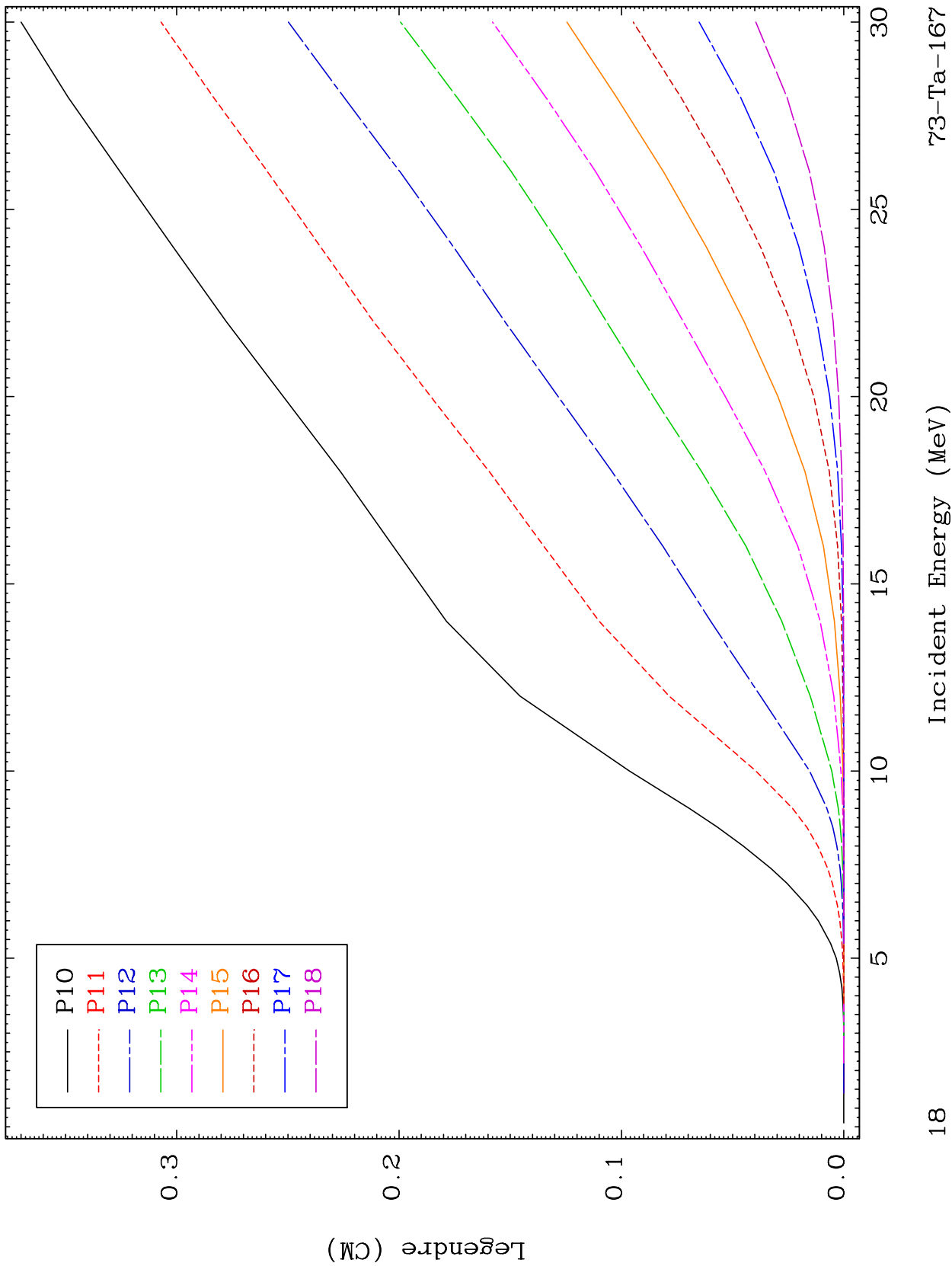
Incident Energy (MeV)

<sup>73</sup>Ta-167

MAT 7286

Elastic Legendre Coefficients

<sup>73</sup>Ta-167



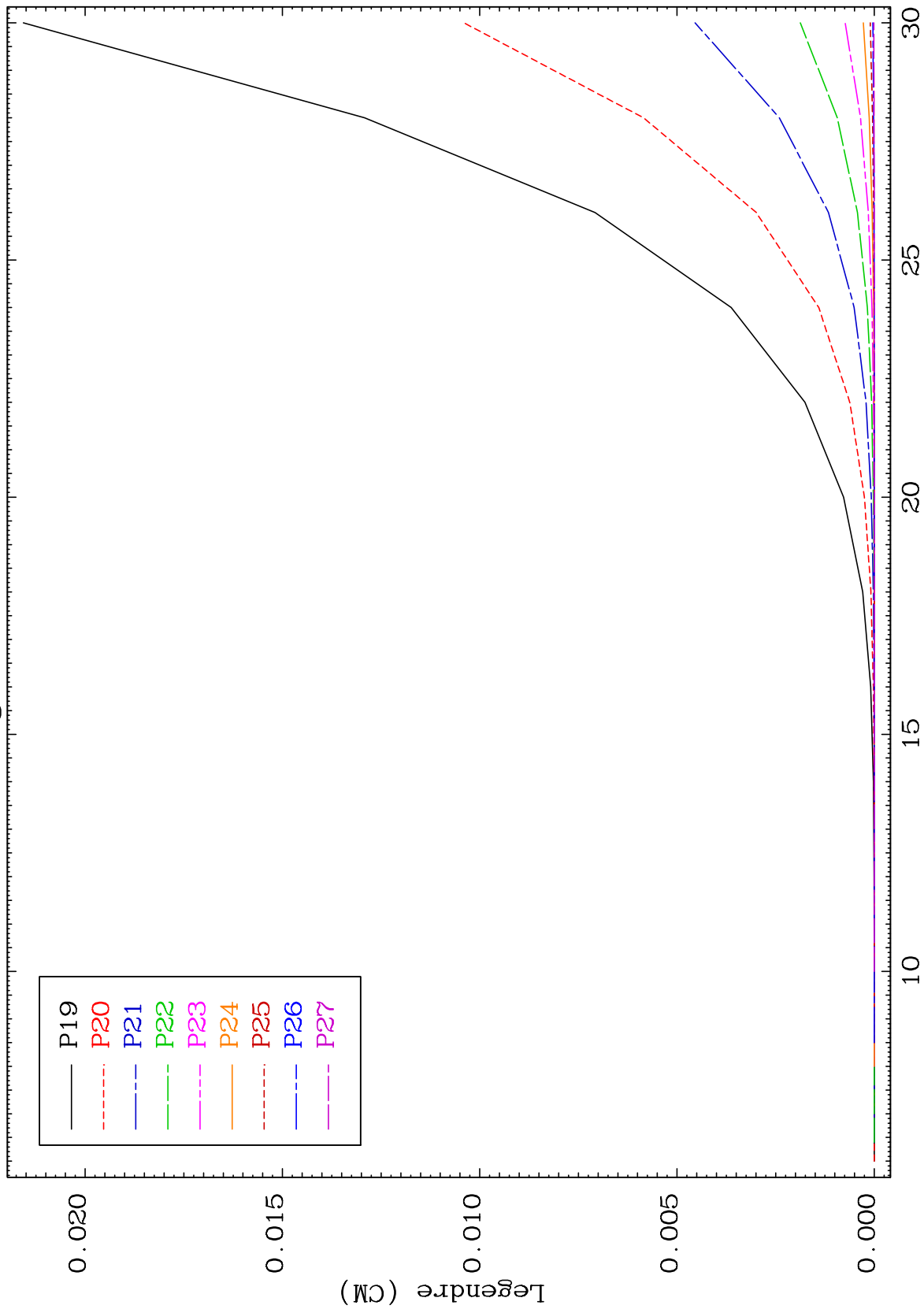
18

<sup>73</sup>Ta-167

MAT 7286

Elastic Legendre Coefficients

73-Ta-167



19

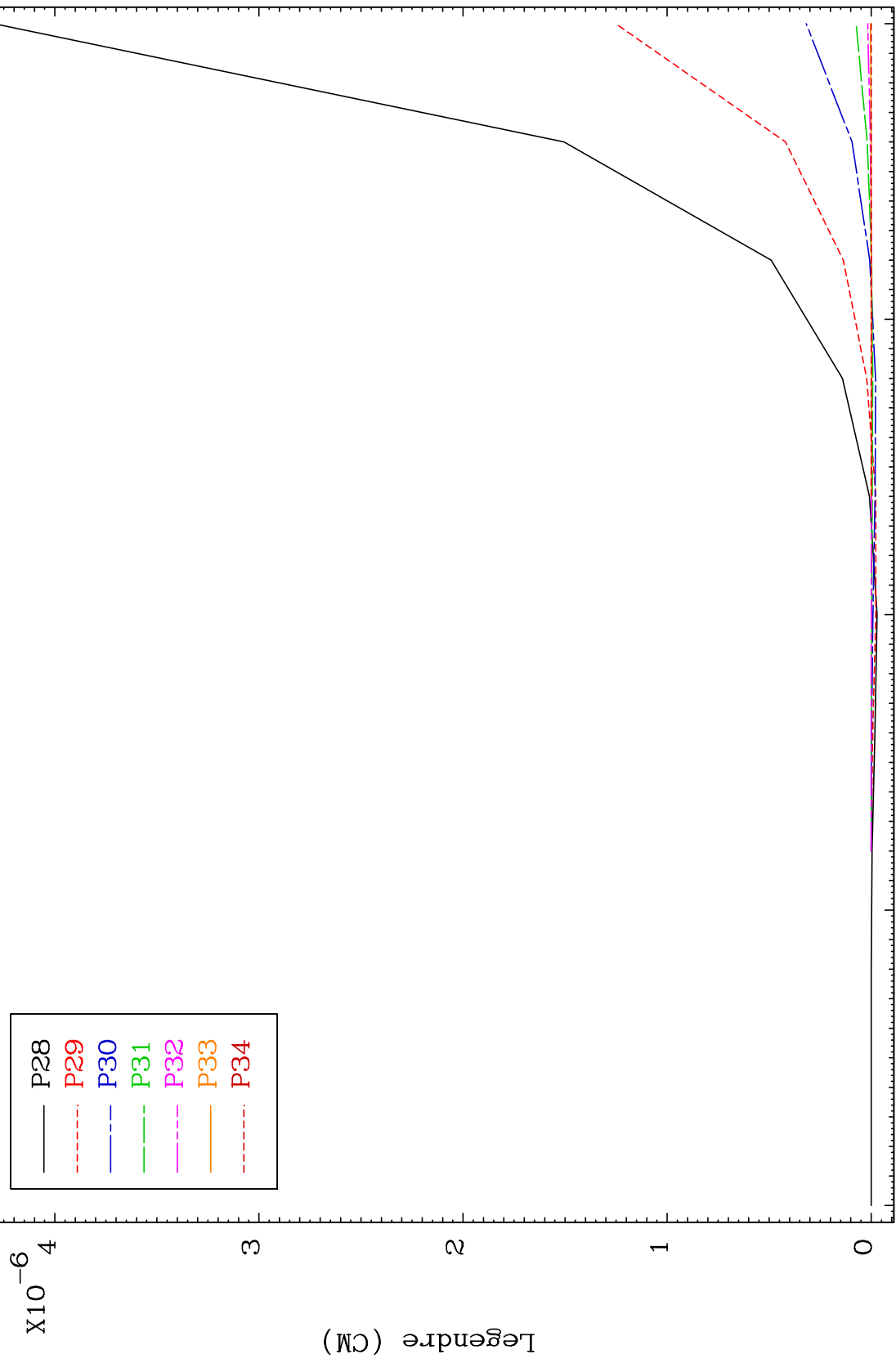
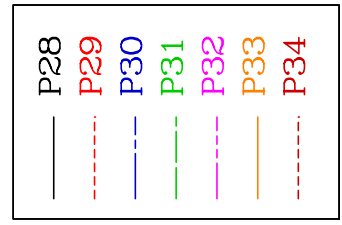
Incident Energy (MeV)

73-Ta-167

MAT 7286

Elastic Legendre Coefficients

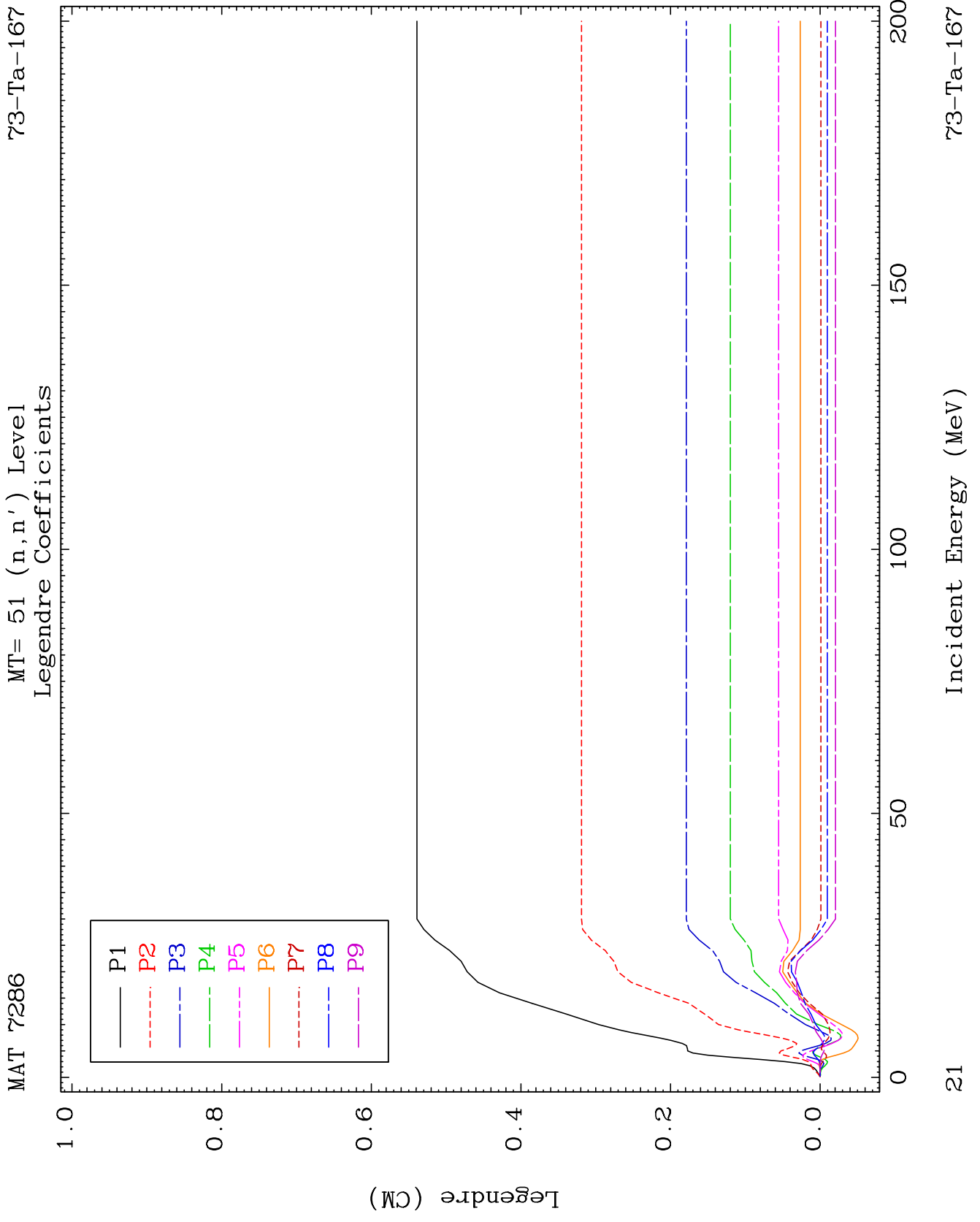
<sup>73</sup>Ta-167



<sup>73</sup>Ta-167

Incident Energy (MeV)

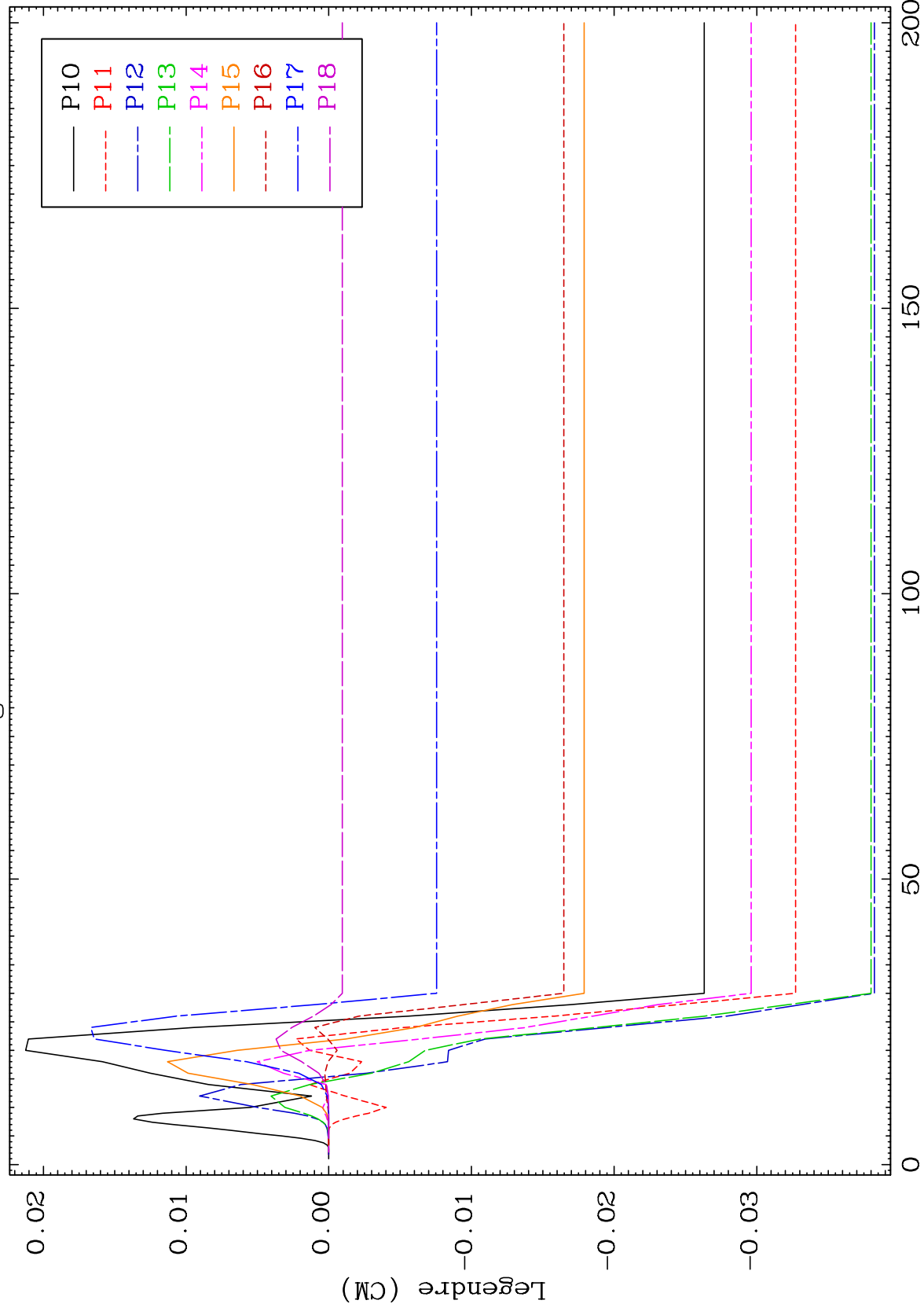
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MAT 7286

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

73-Ta-167



22

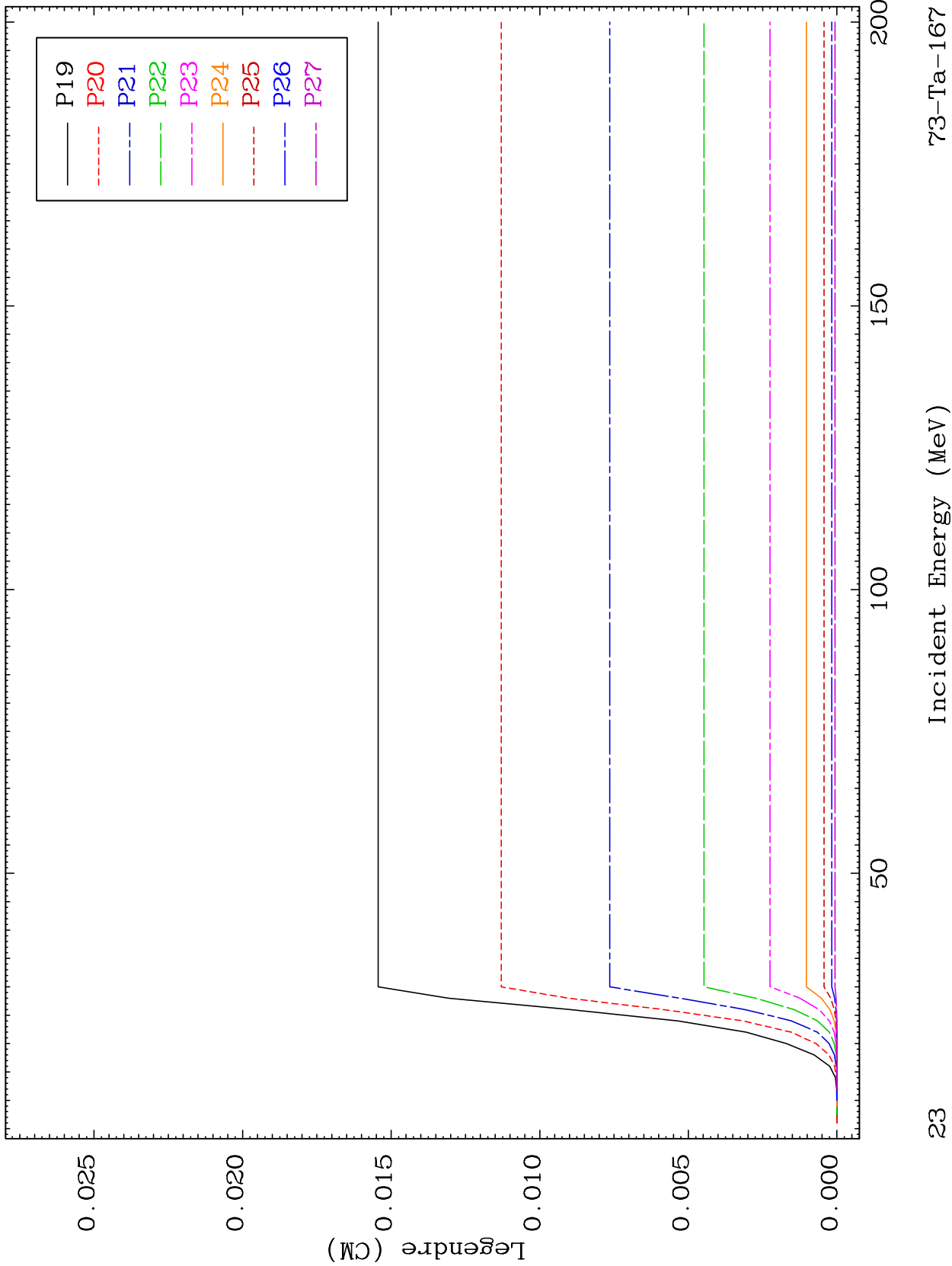
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



23

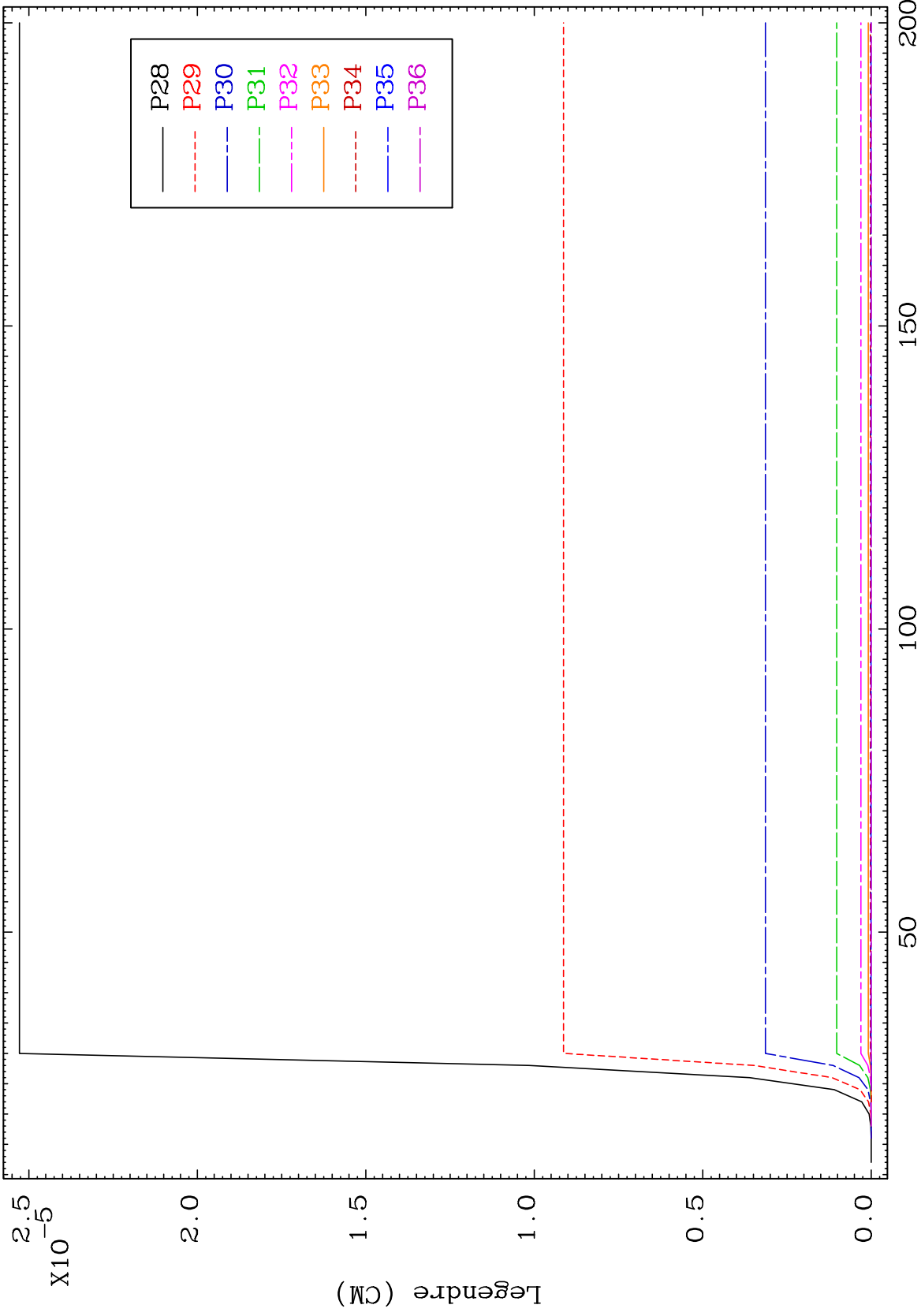
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

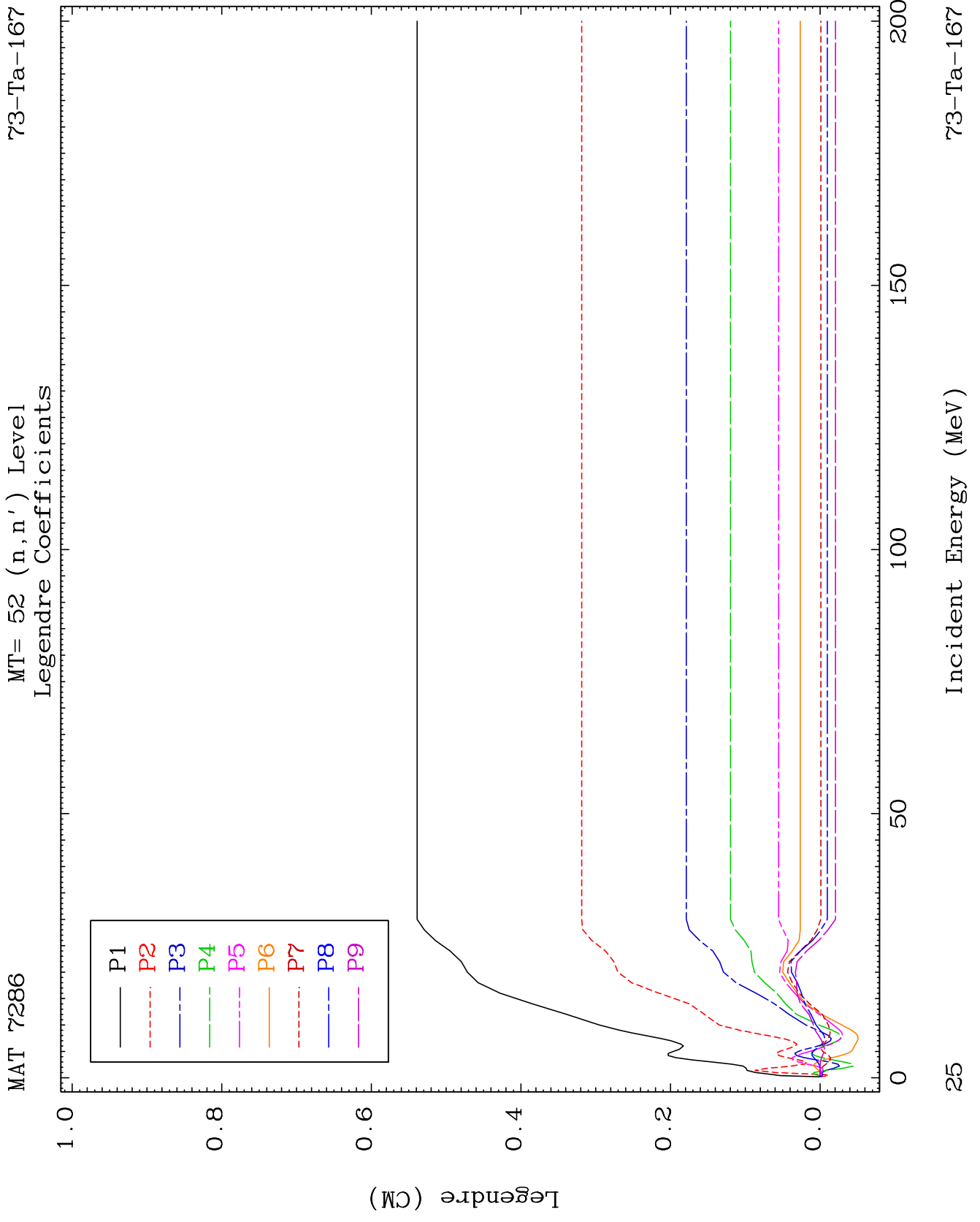
73-Ta-167



24

Incident Energy (MeV)

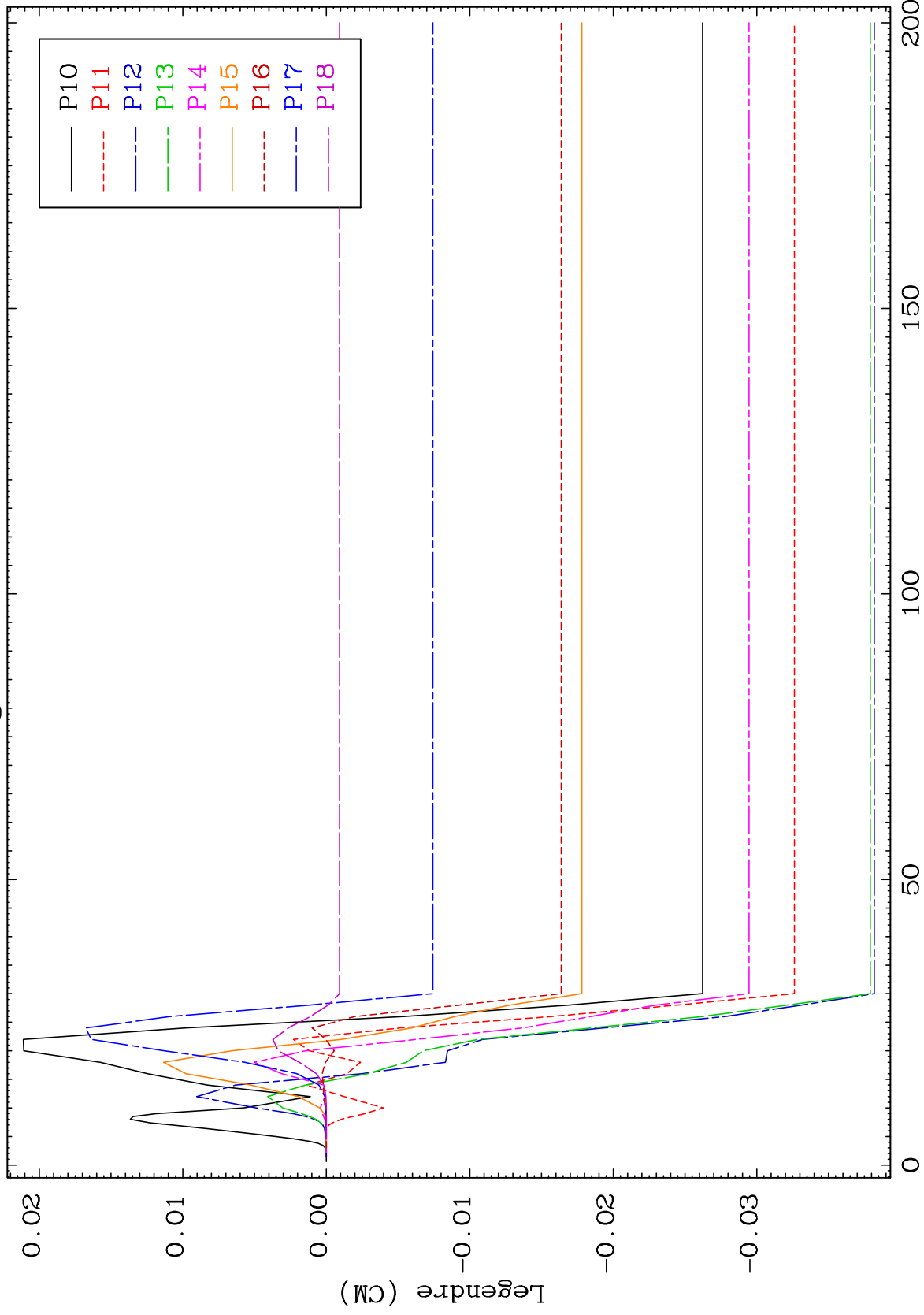
73-Ta-167



MAT 7286

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

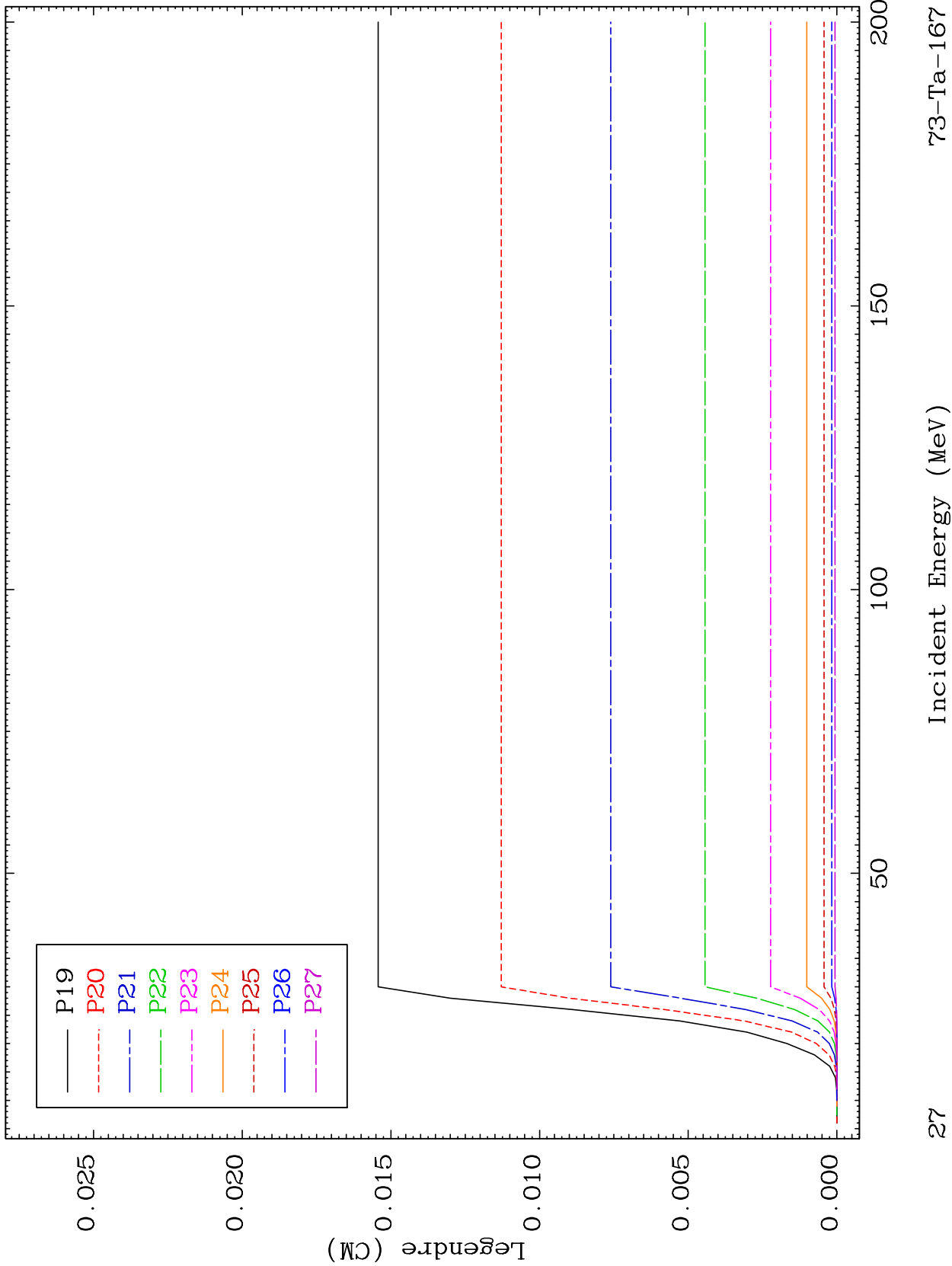
73-Ta-167



26

Incident Energy (MeV)

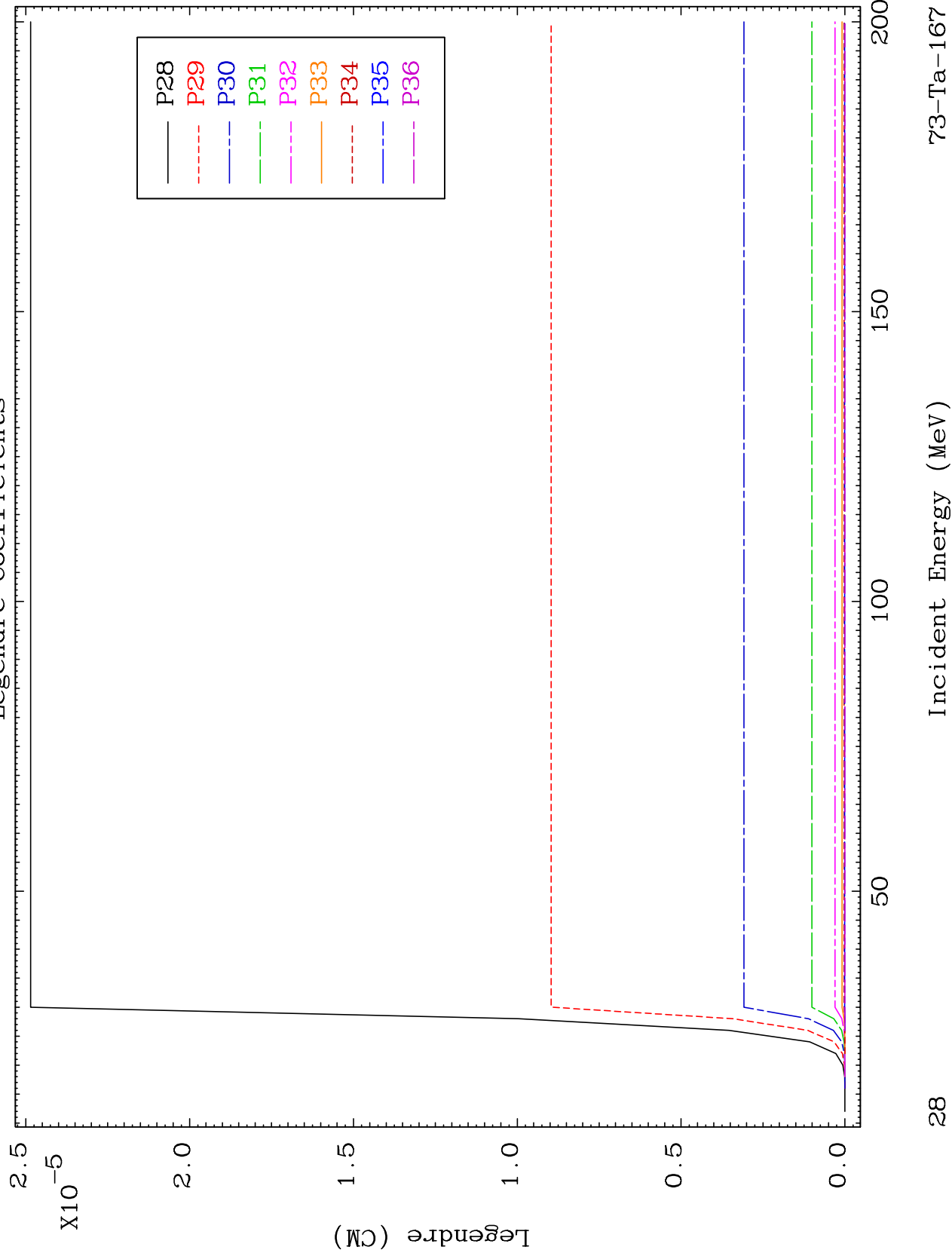
73-Ta-167



MAT 7286

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

73-Ta-167



28

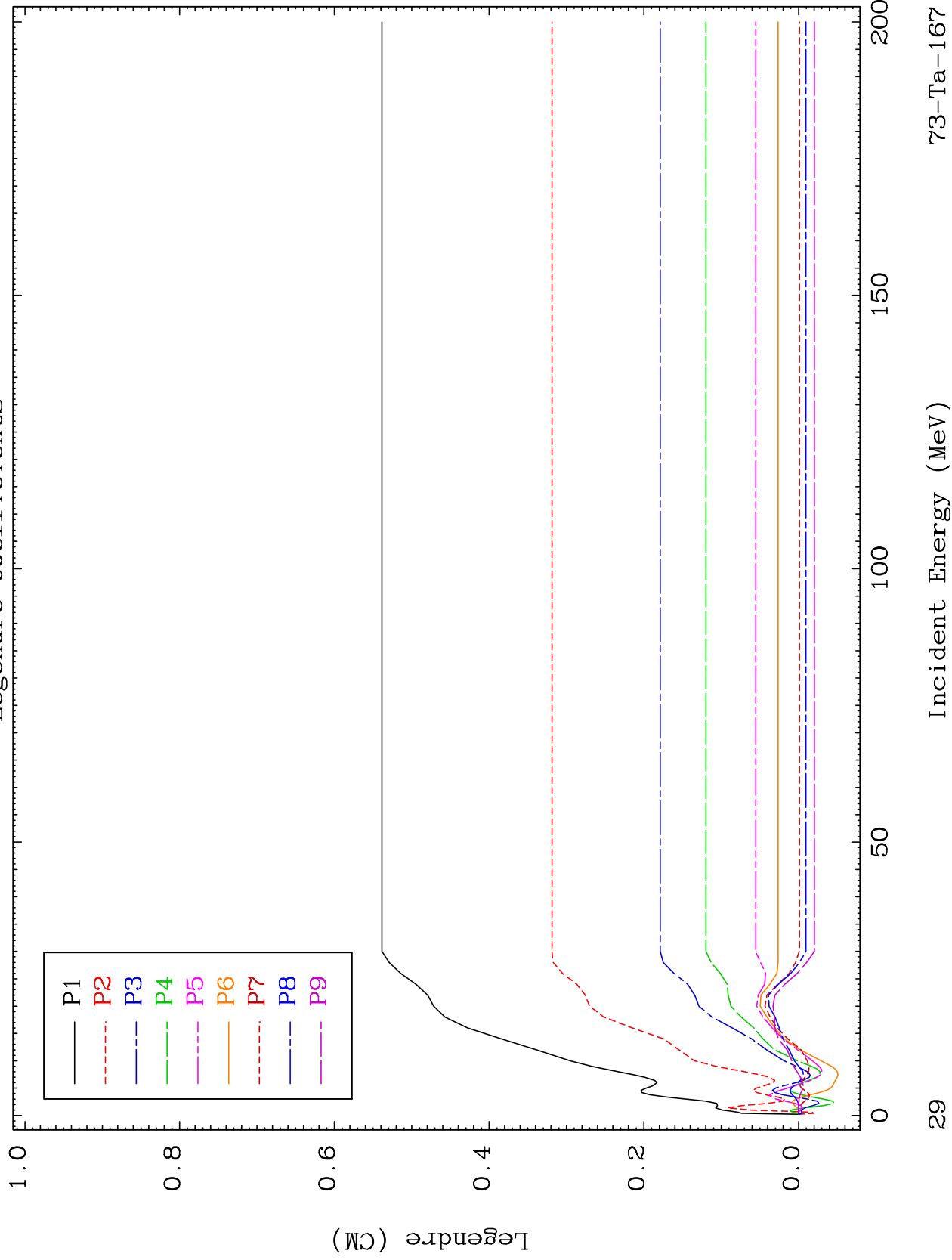
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

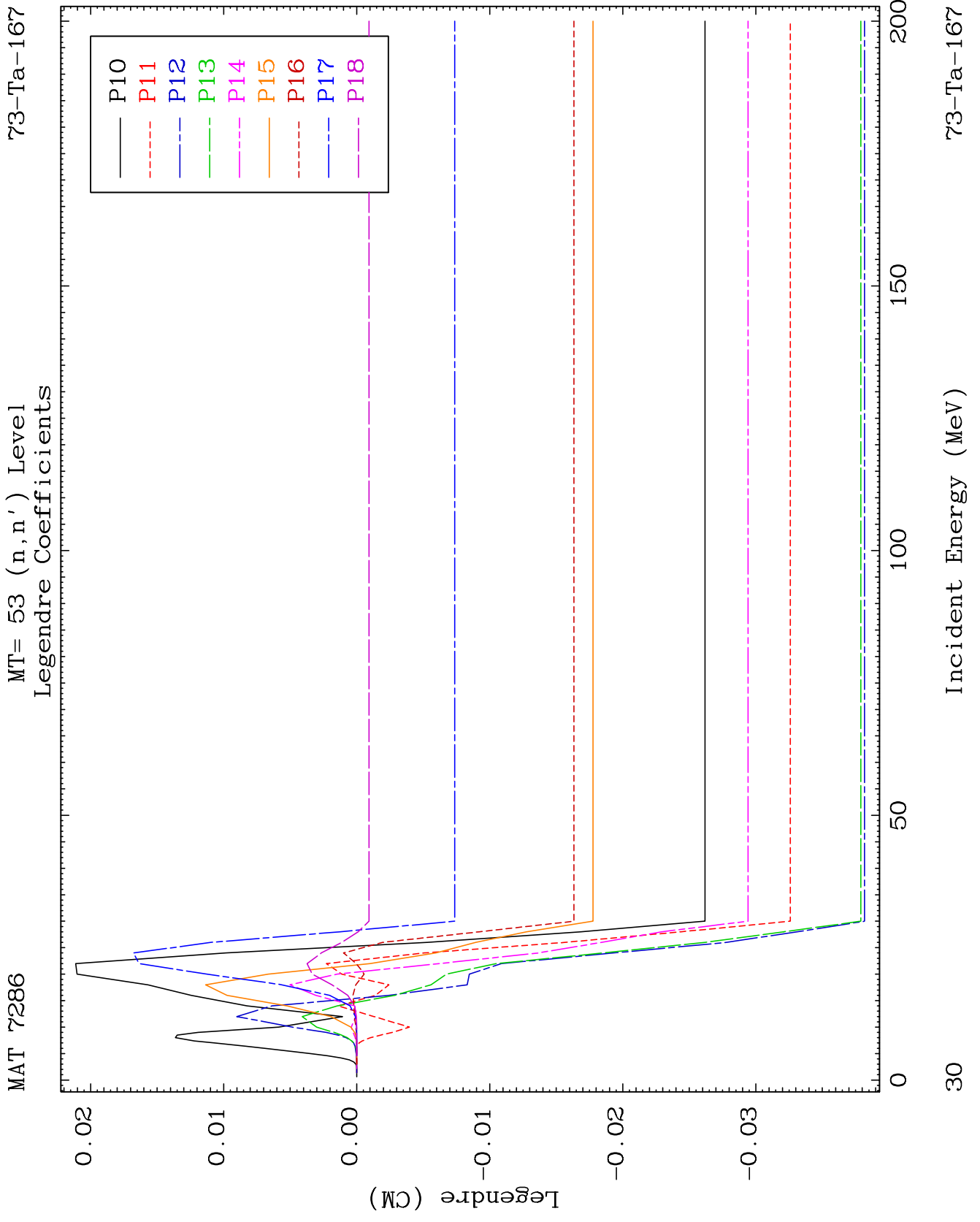
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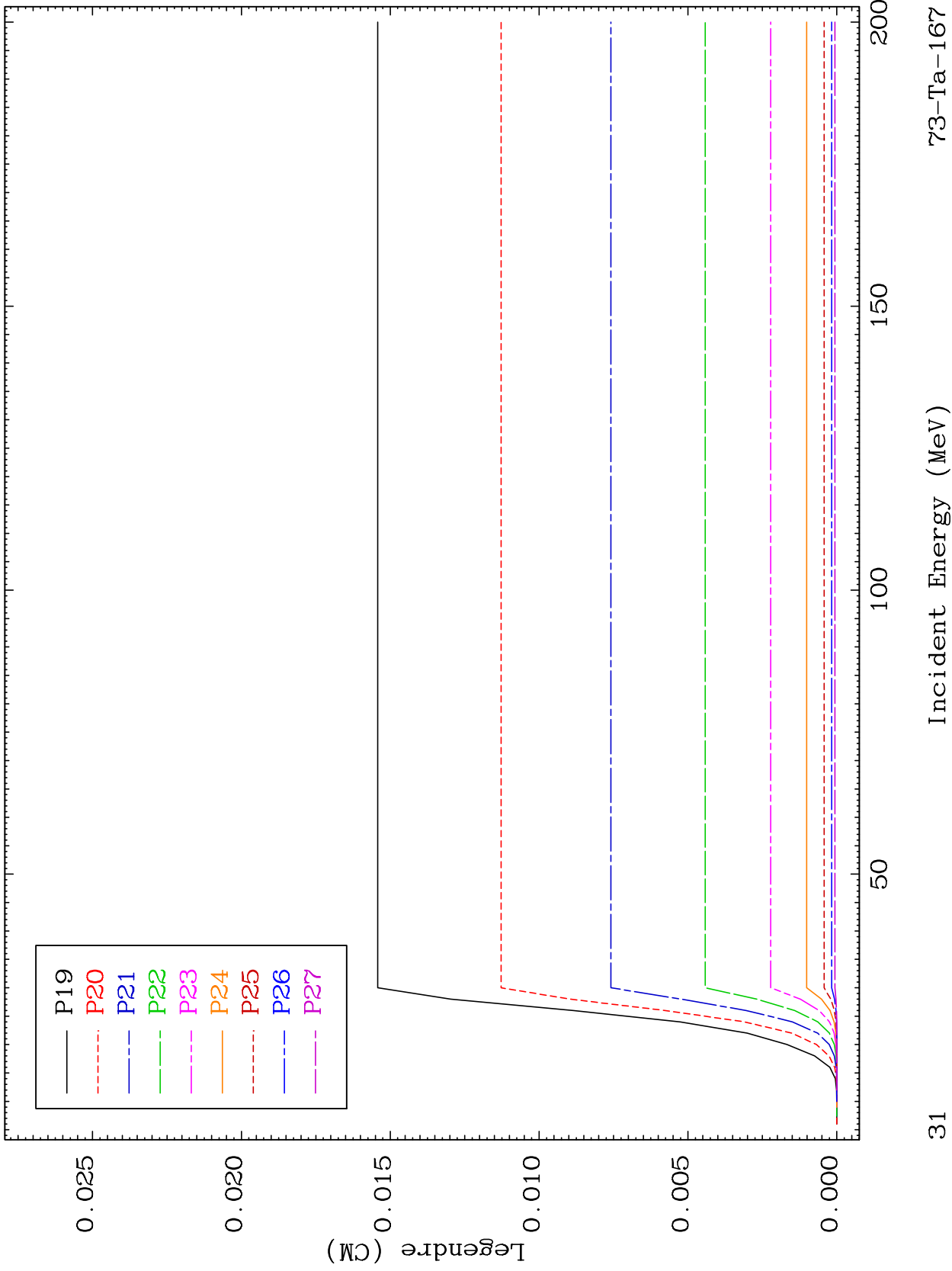


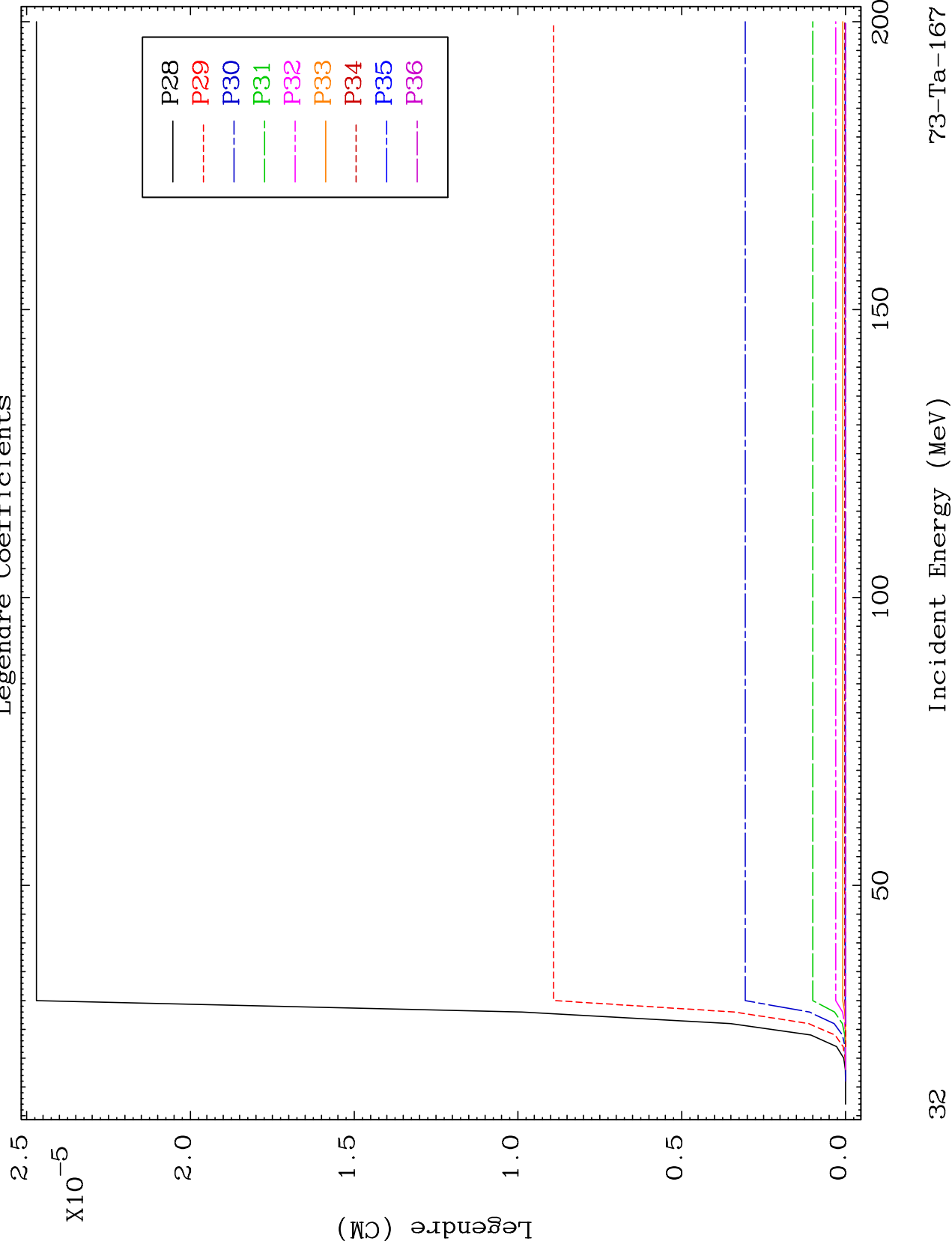
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Incident Energy (MeV)

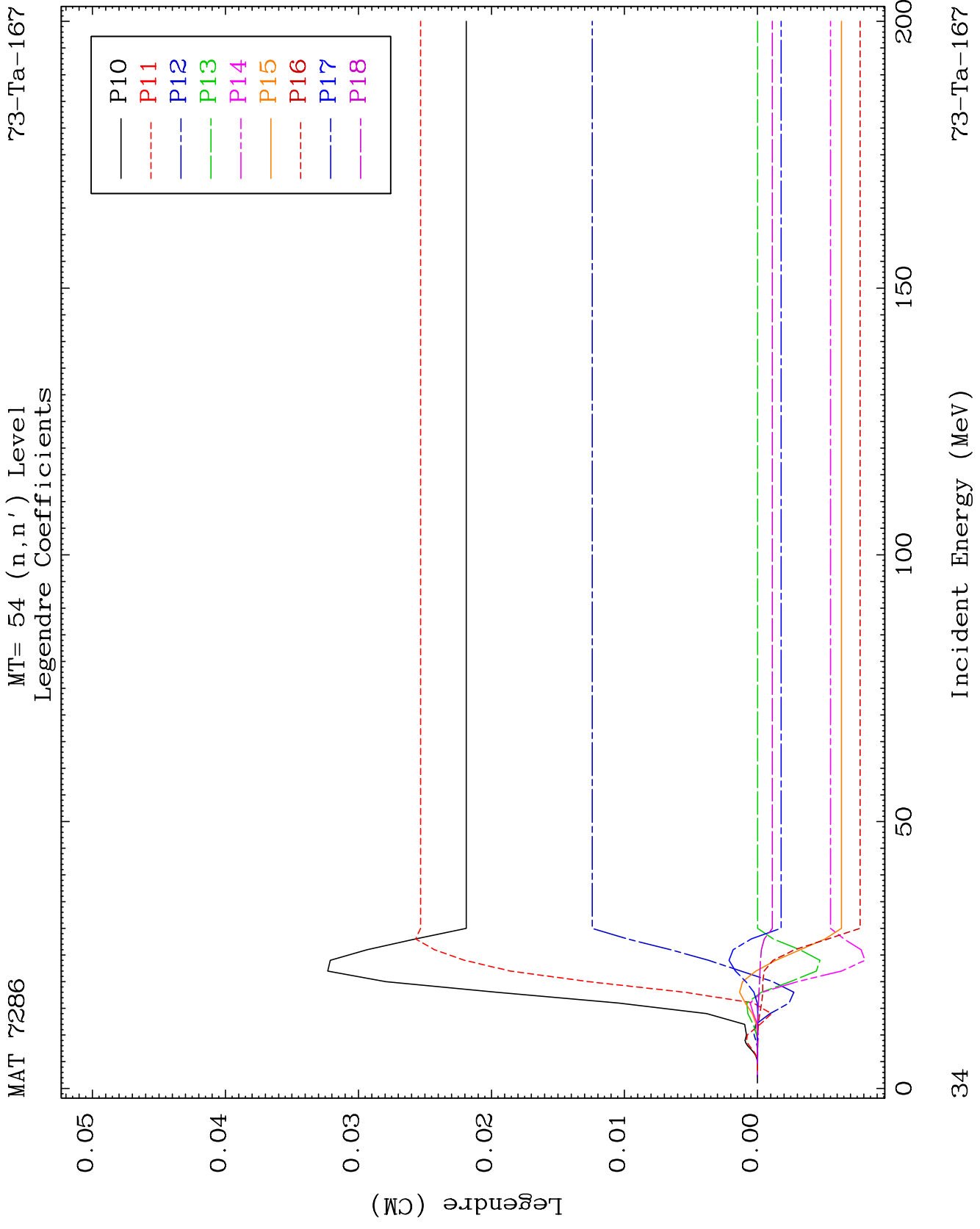
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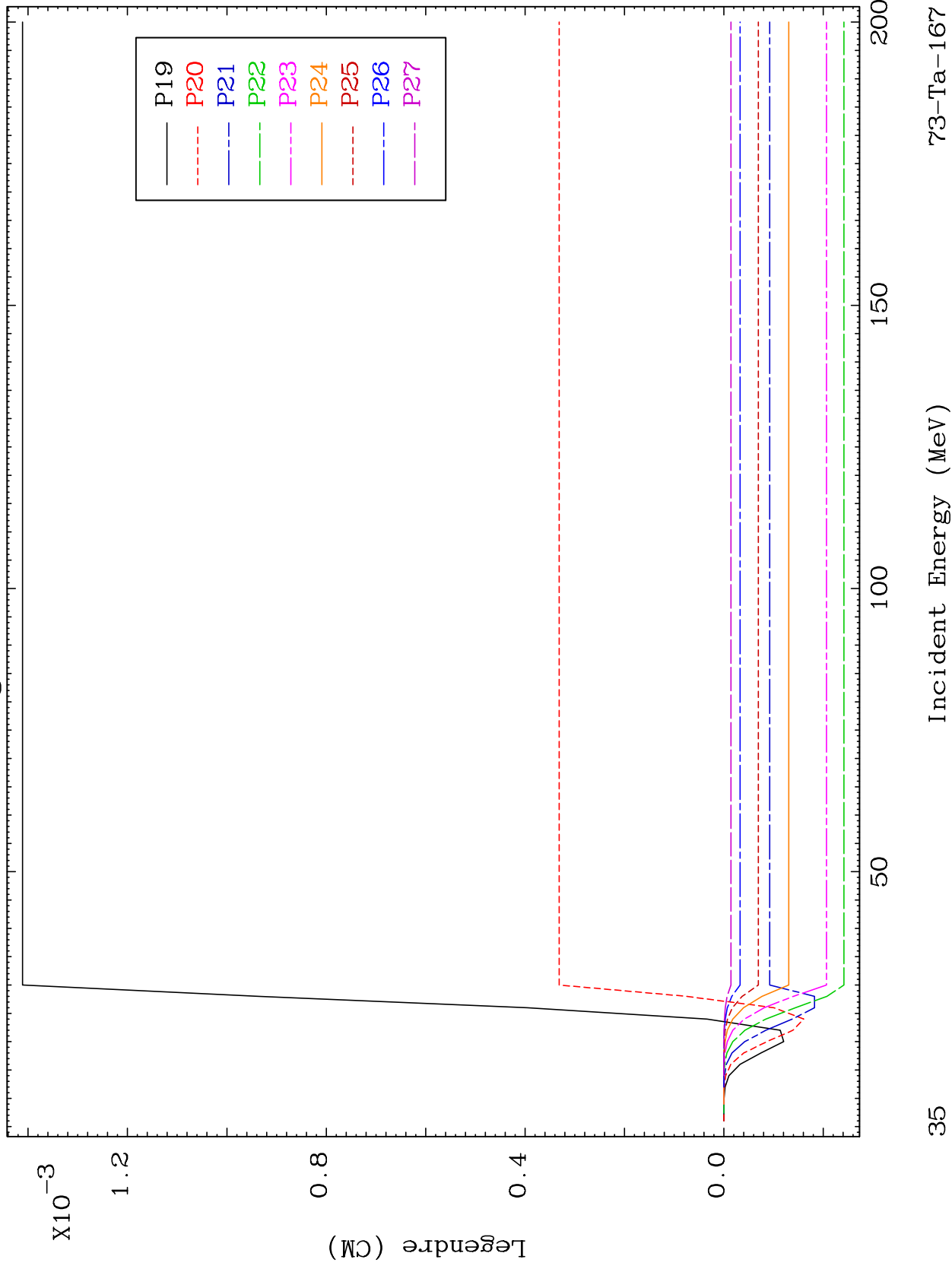




MAT 7286

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

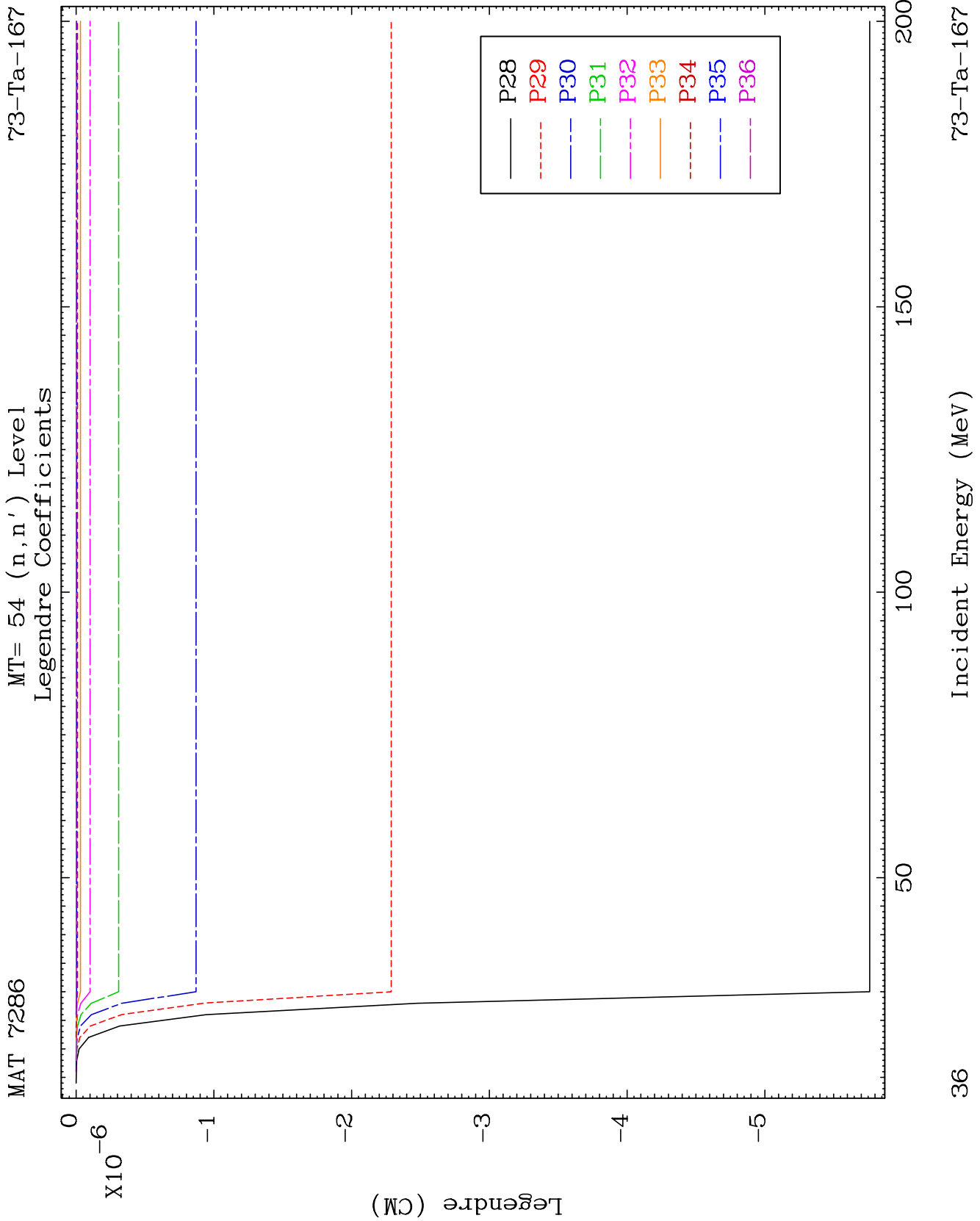
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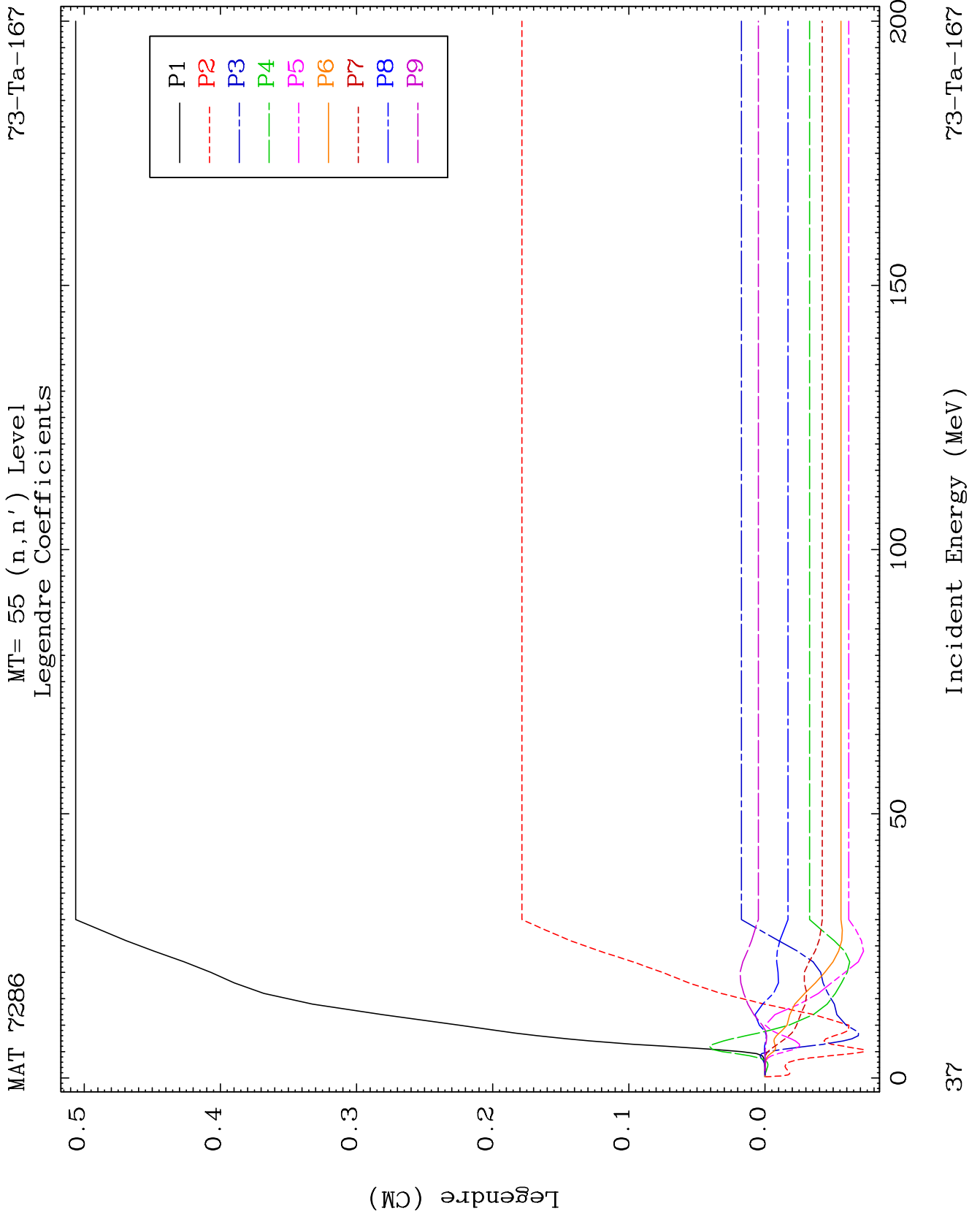


35

Incident Energy (MeV)

73-Ta-167



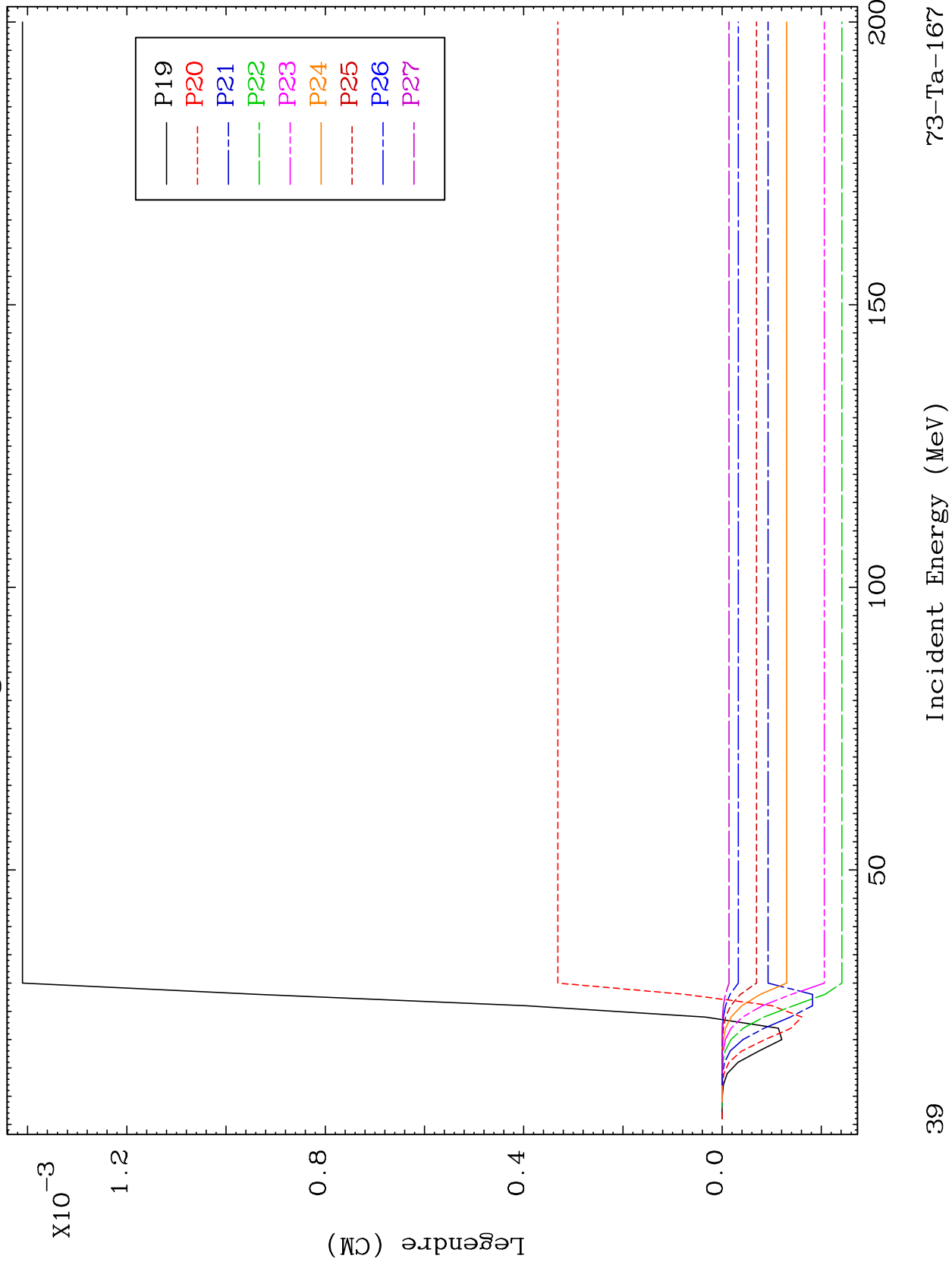




MAT 7286

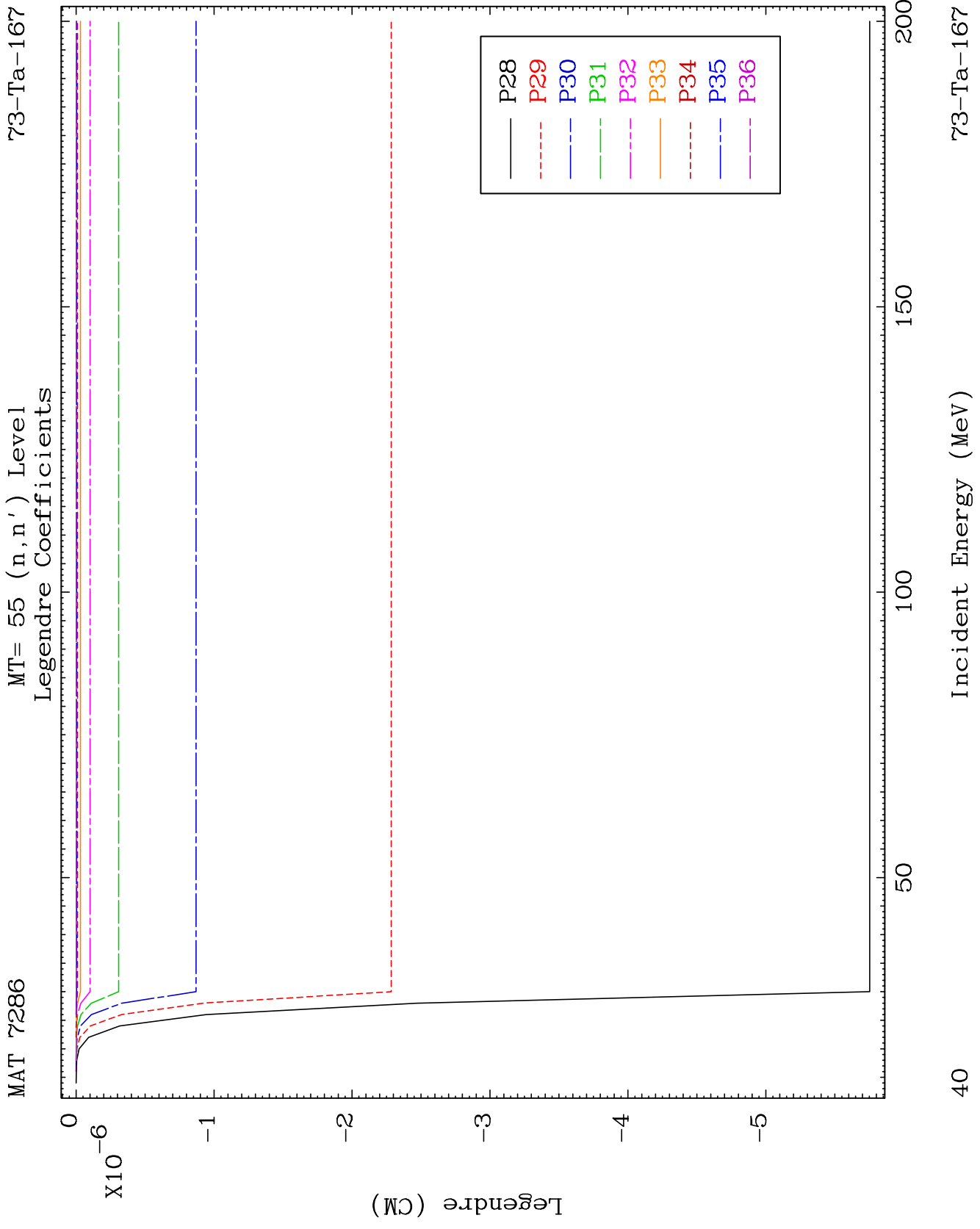
MT= 55 (n,n') Level  
Legendre Coefficients

73-Ta-167



39

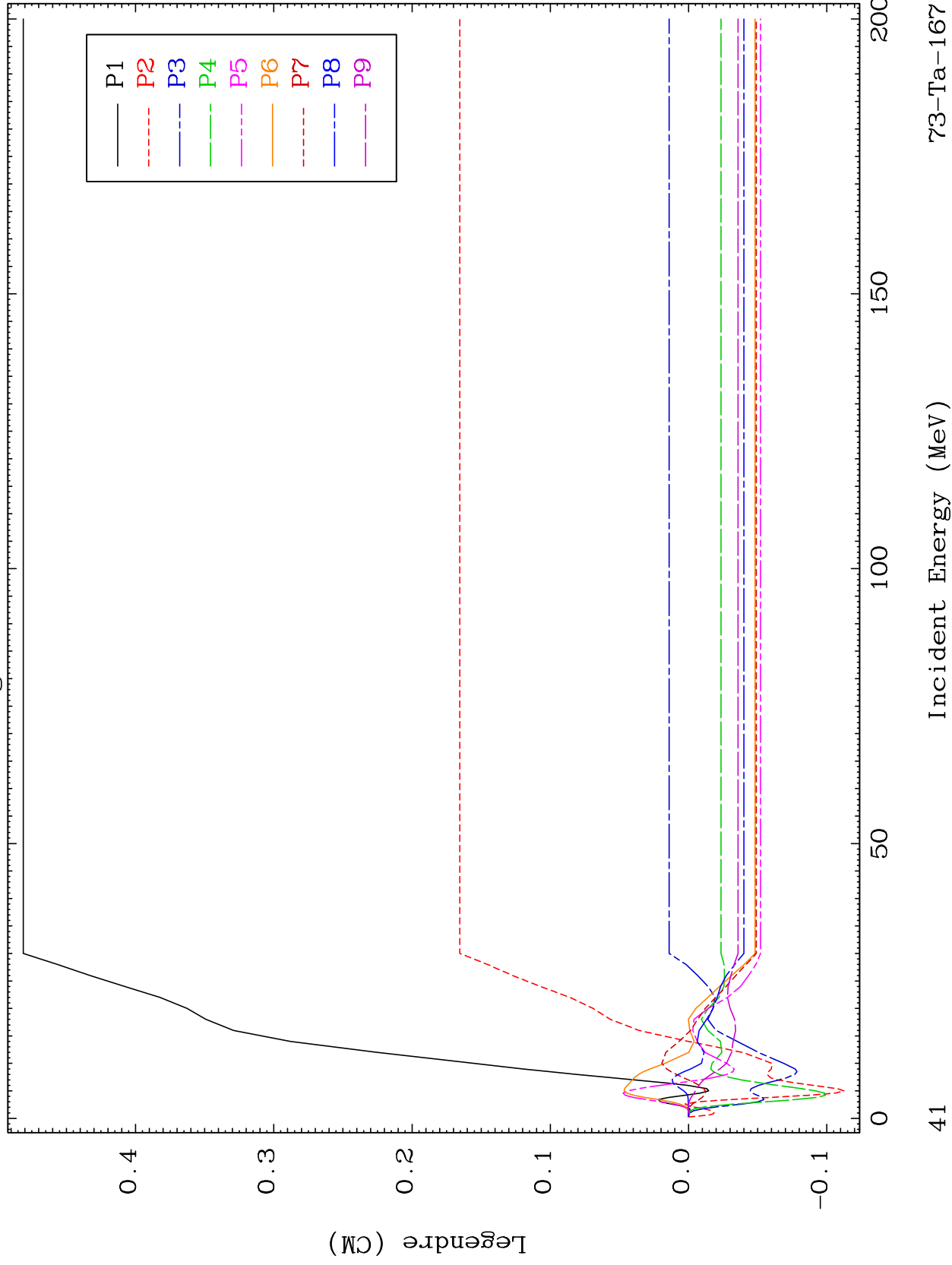
73-Ta-167



MAT 7286

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

73-Ta-167



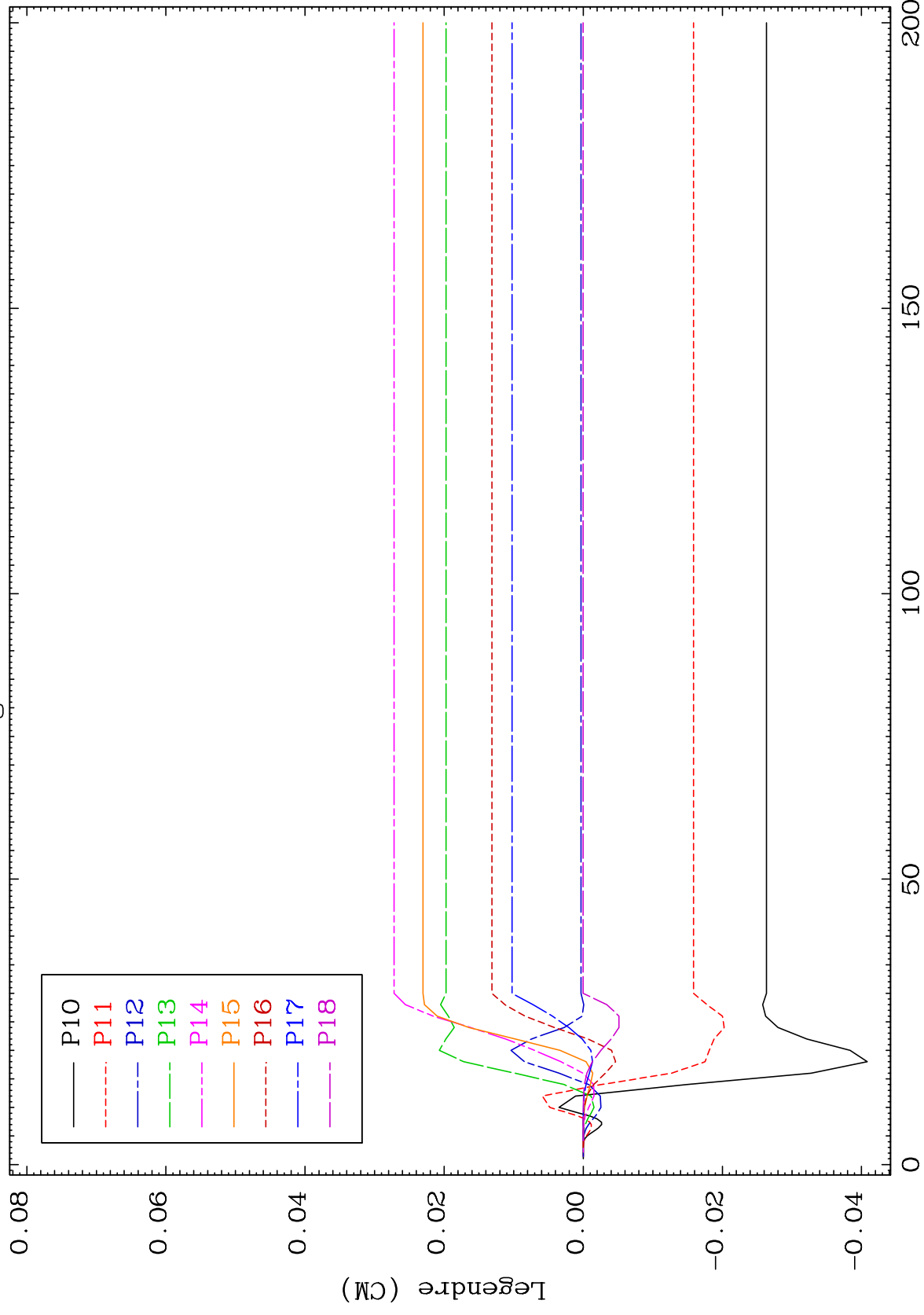
41

73-Ta-167

MAT 7286

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

73-Ta-167



42

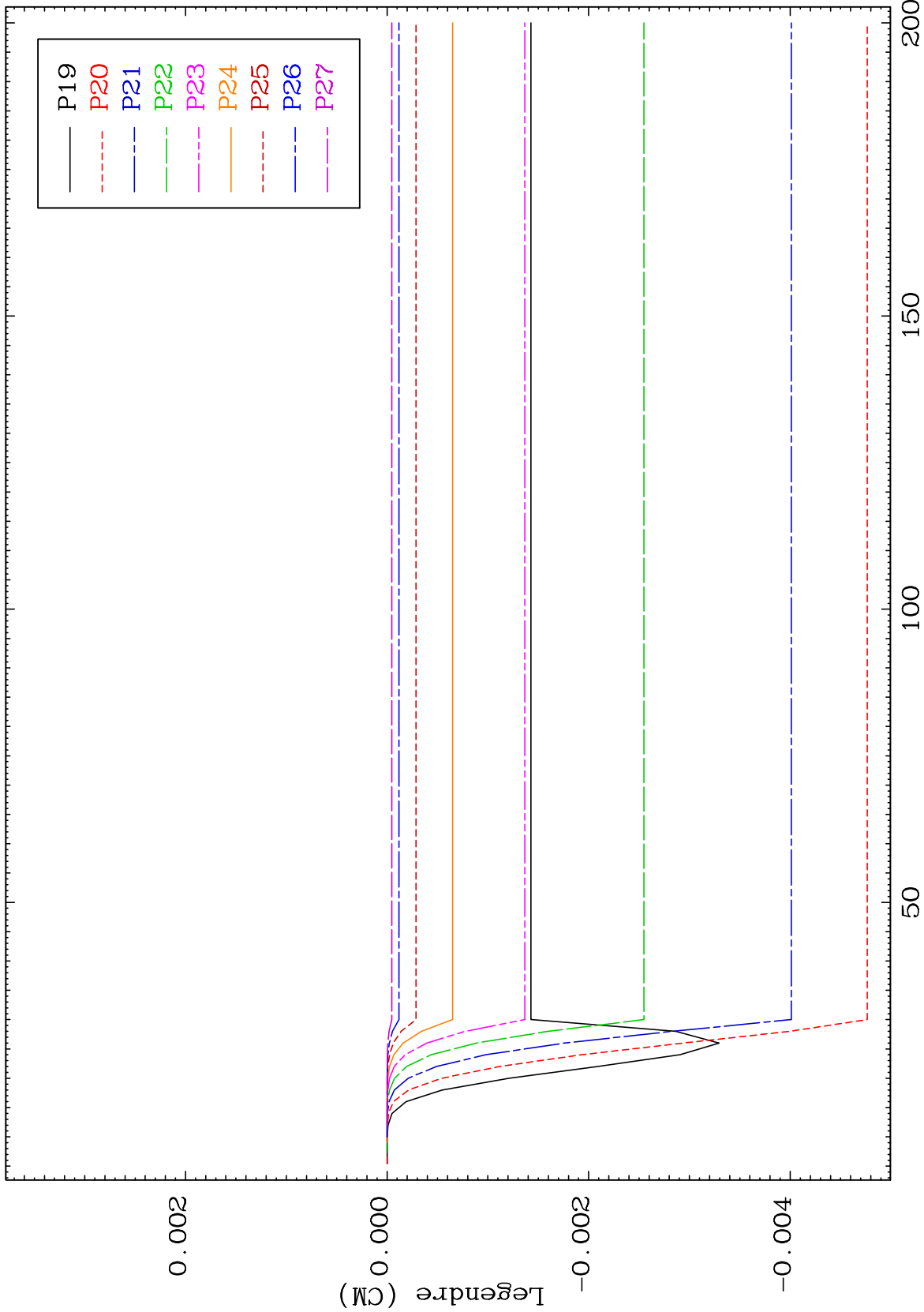
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

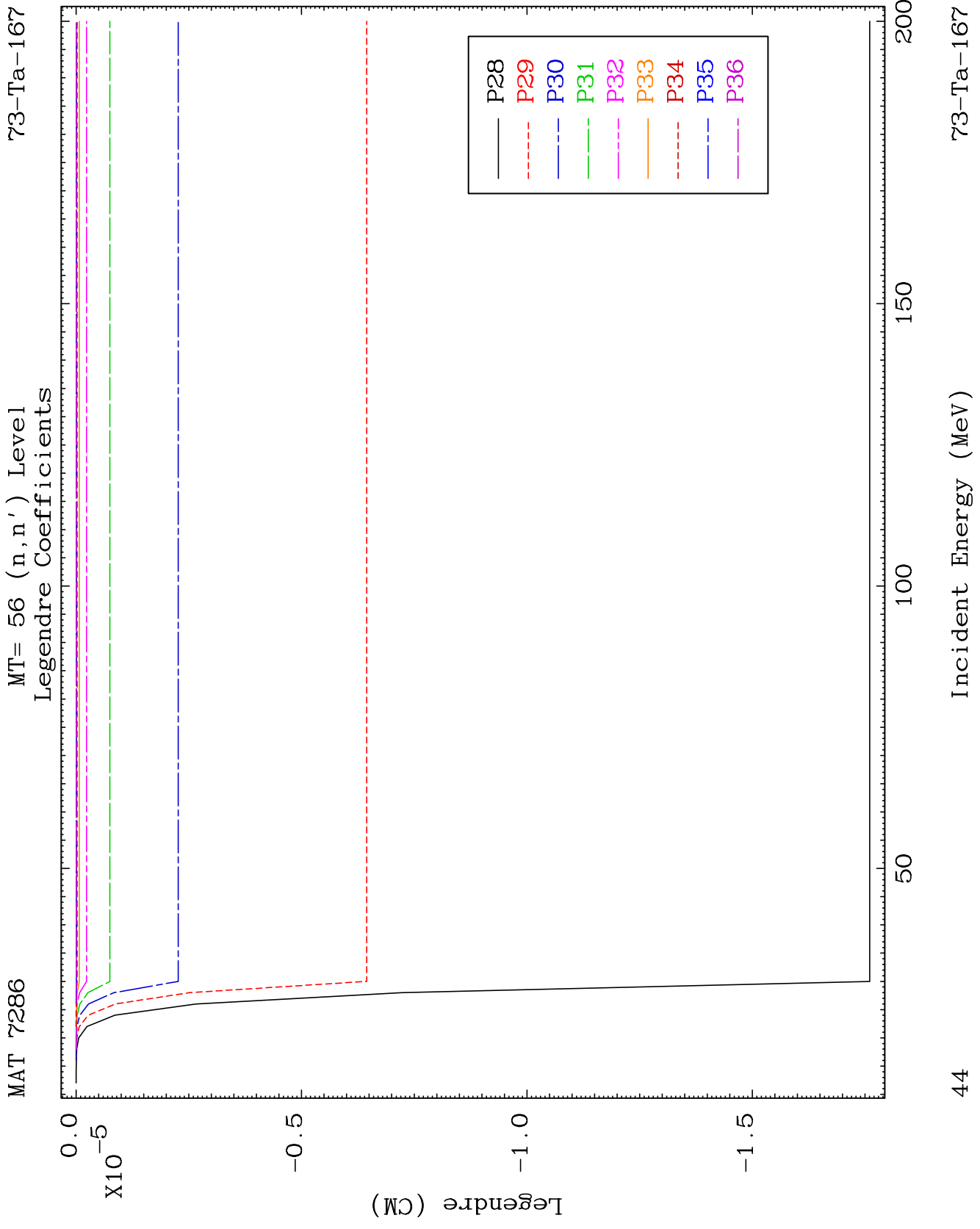
73-Ta-167



43

Incident Energy (MeV)

73-Ta-167

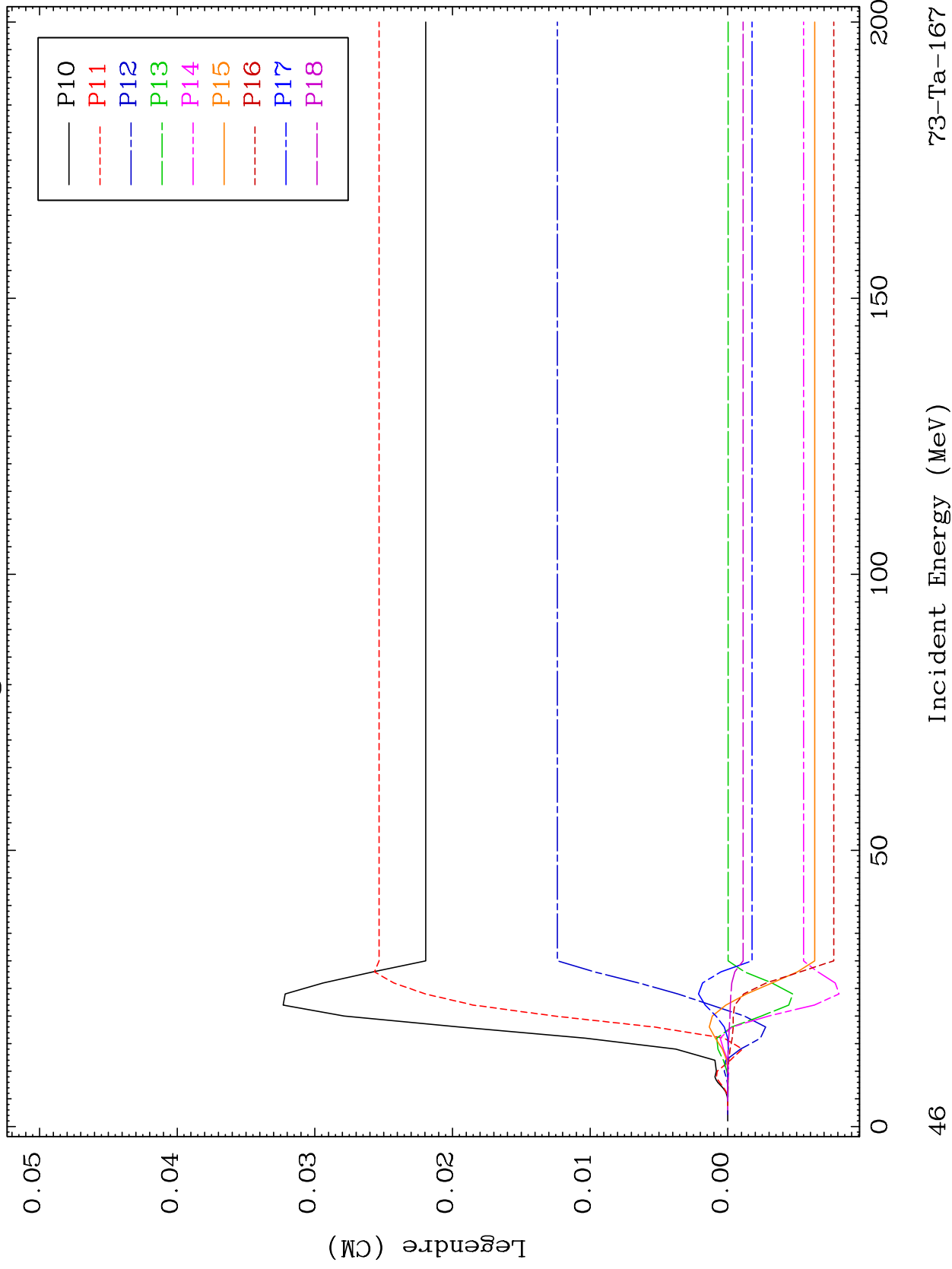




MAT 7286

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

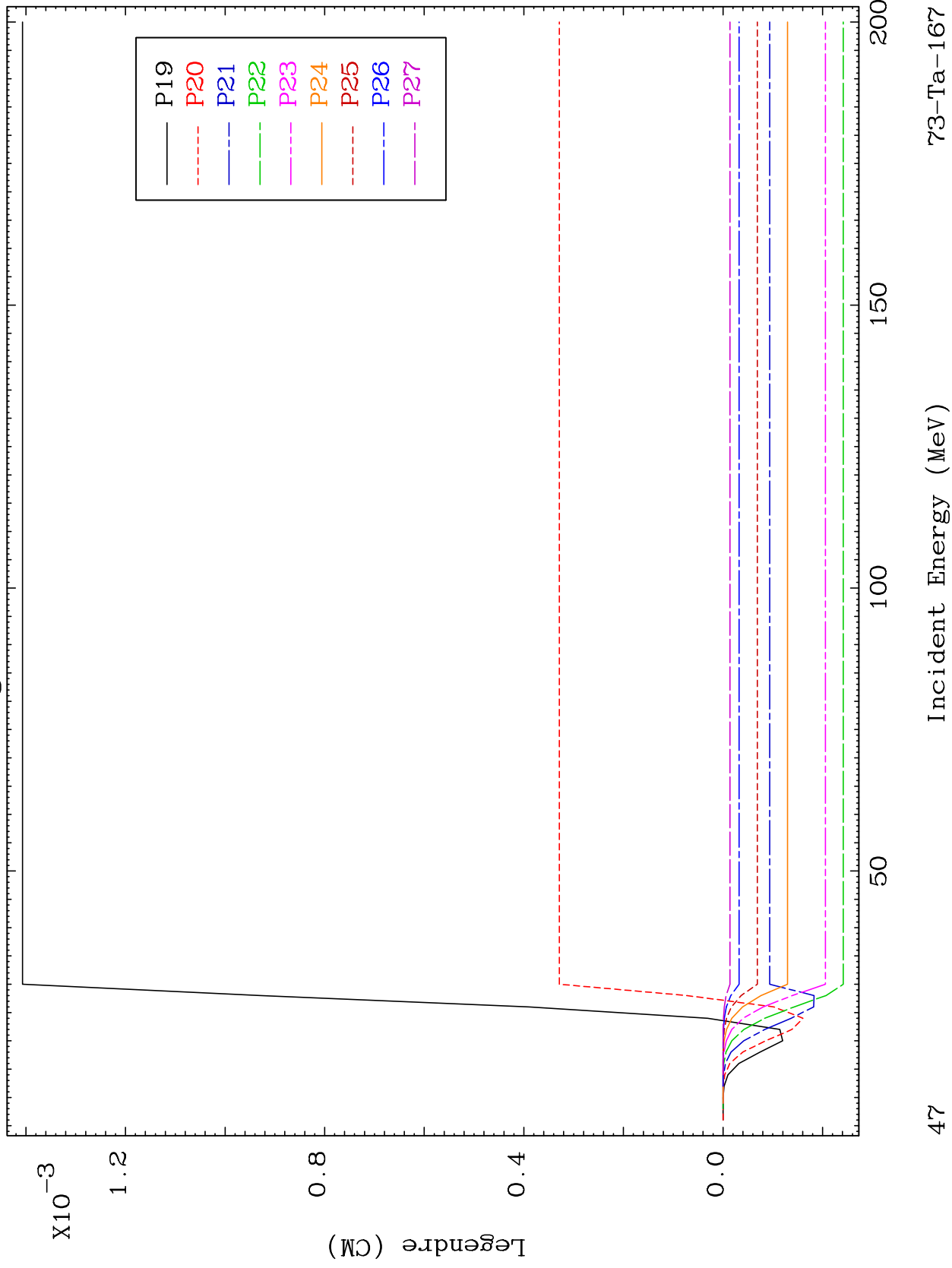
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MAT 7286

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

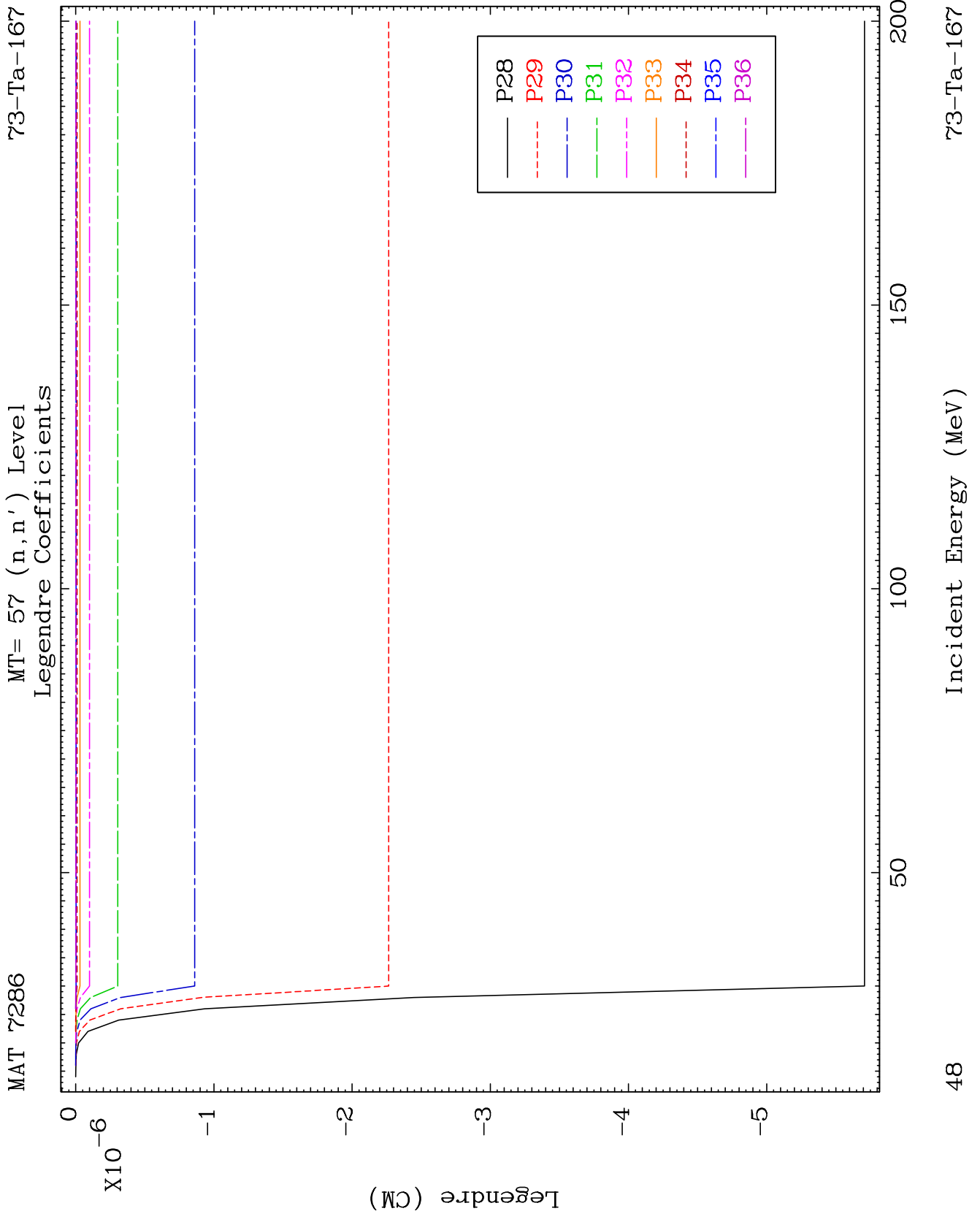
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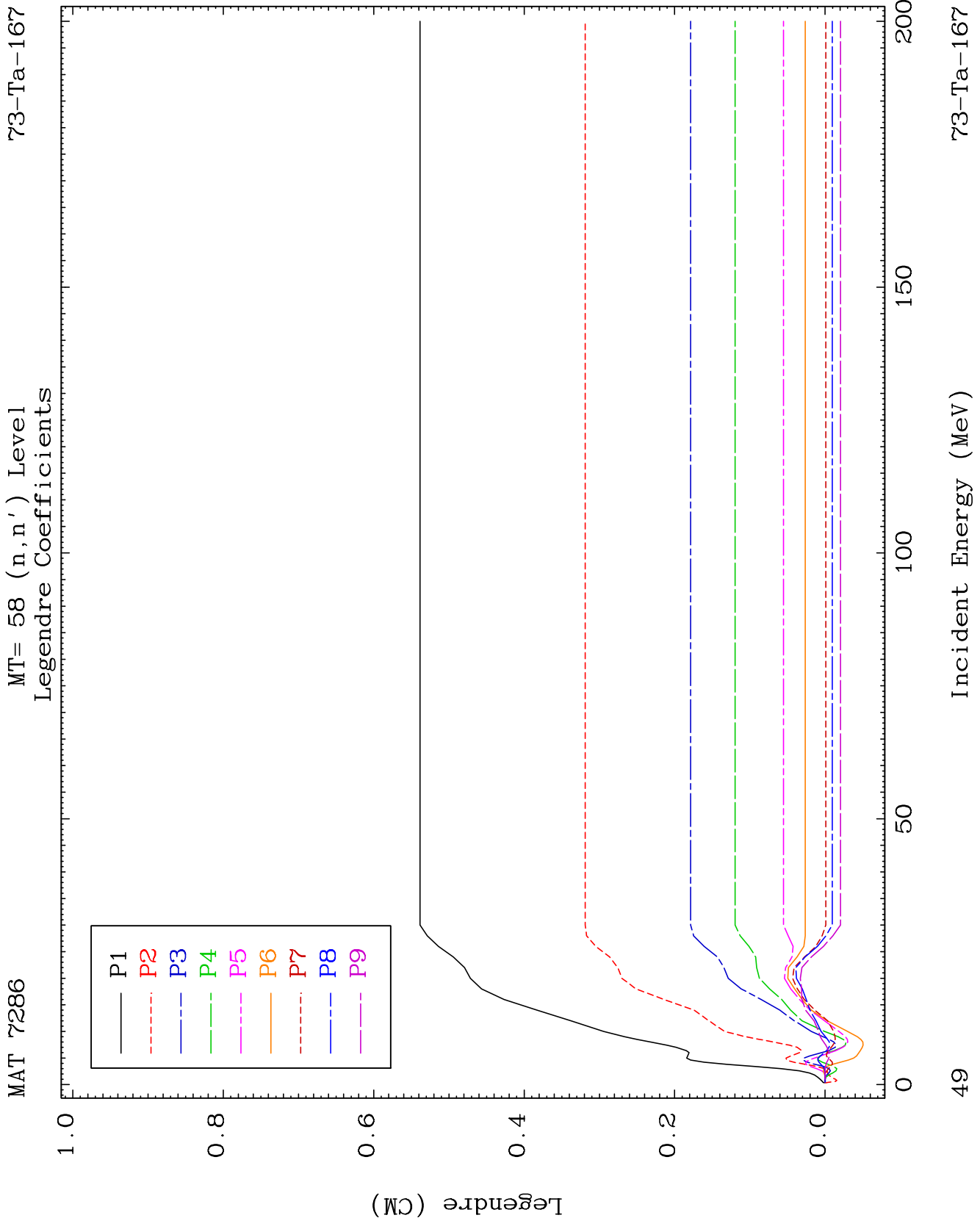


47

Incident Energy (MeV)

73-Ta-167

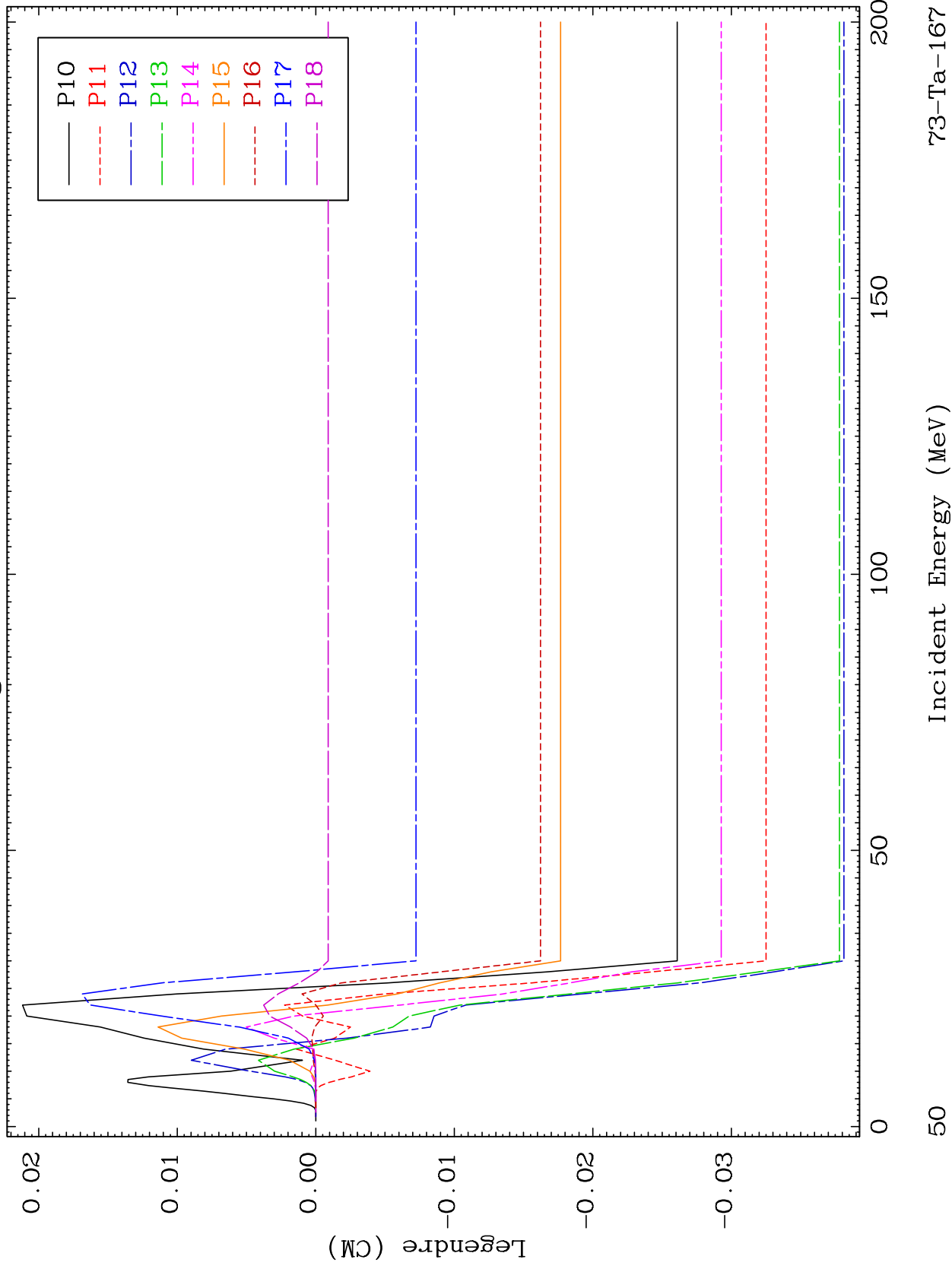




MAT 7286

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

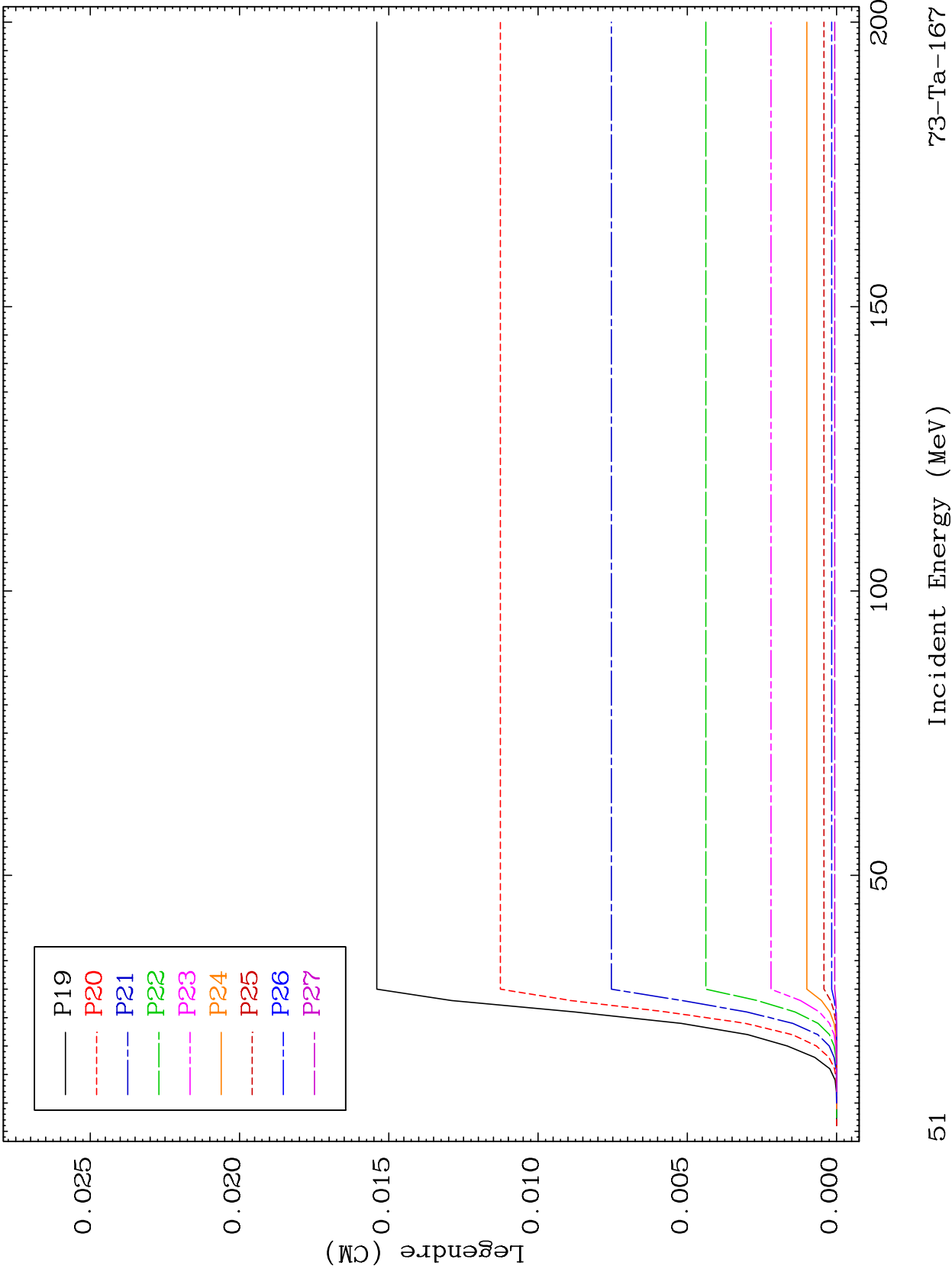
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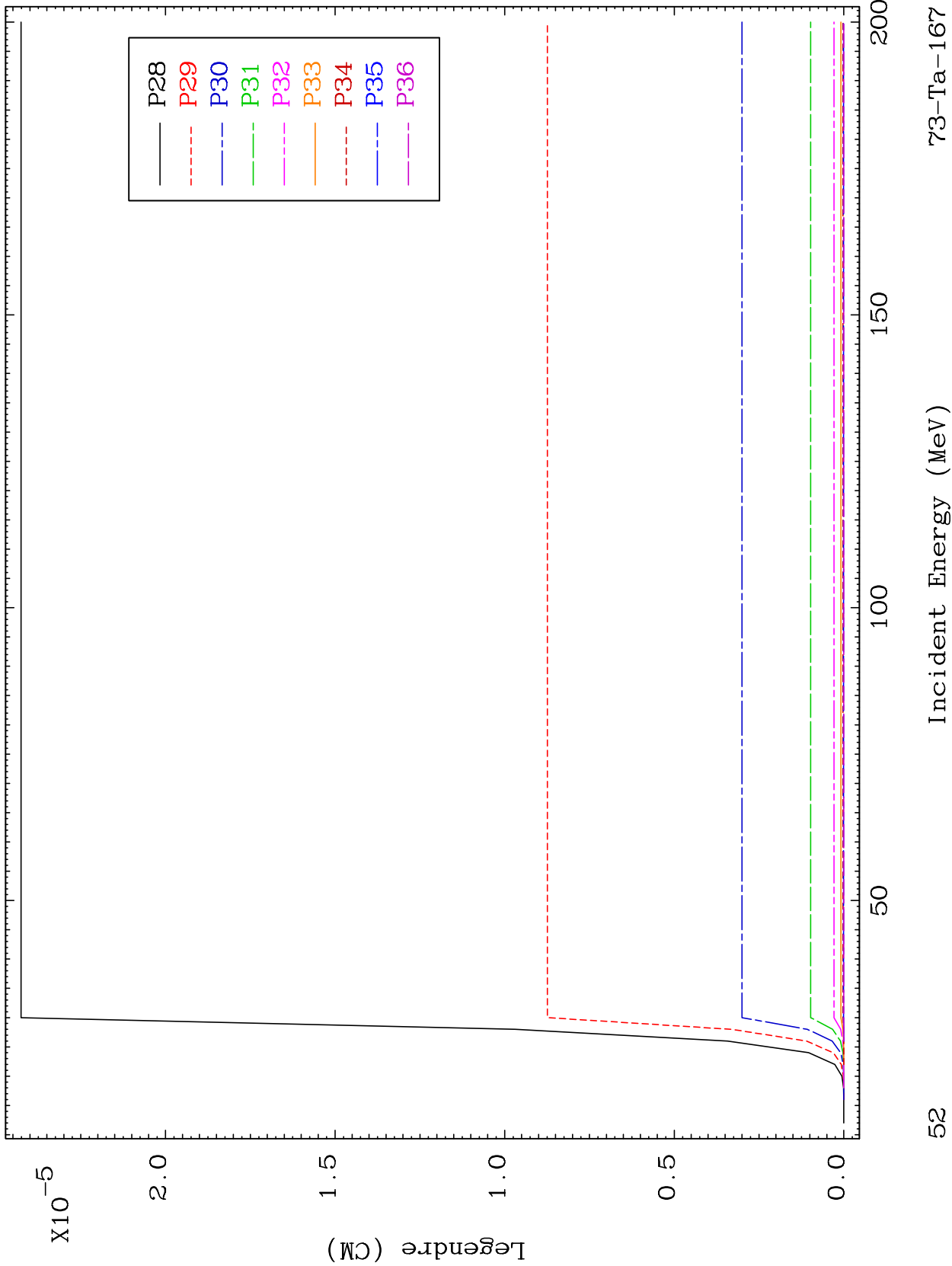


73-Ta-167

Incident Energy (MeV)

50

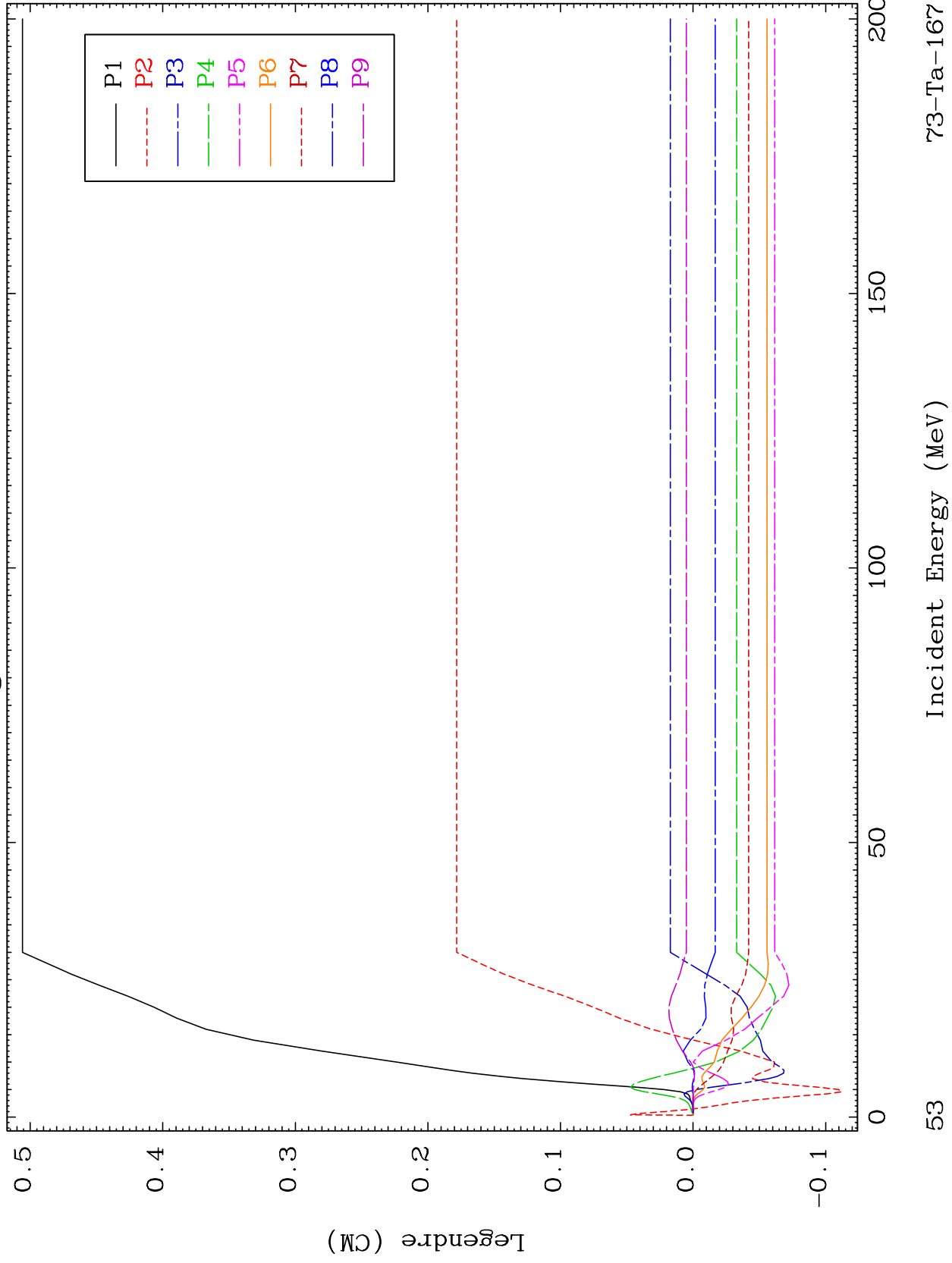




MAT 7286

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

73-Ta-167



73-Ta-167

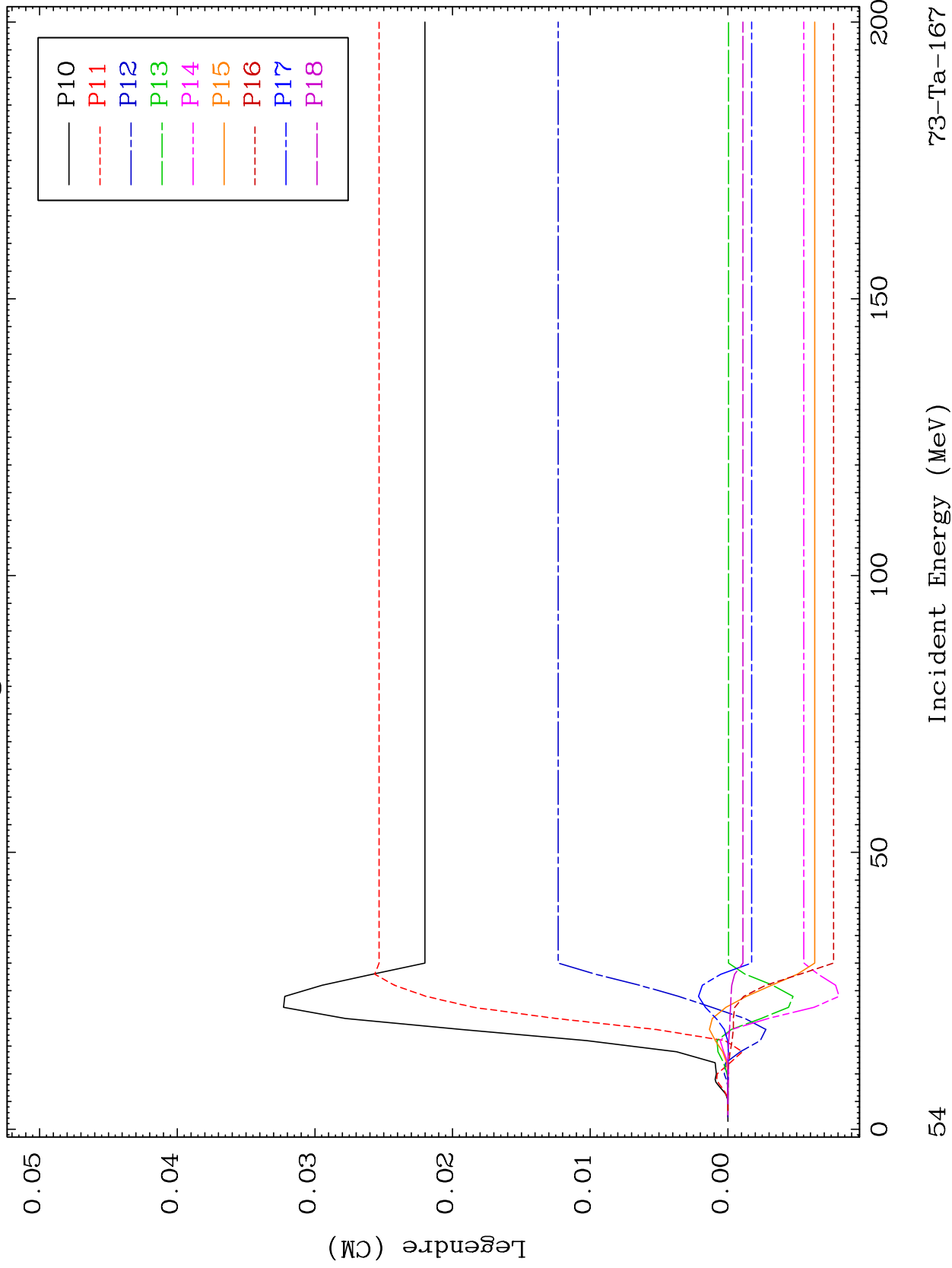
Incident Energy (MeV)

53

MAT 7286

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

73-Ta-167



54

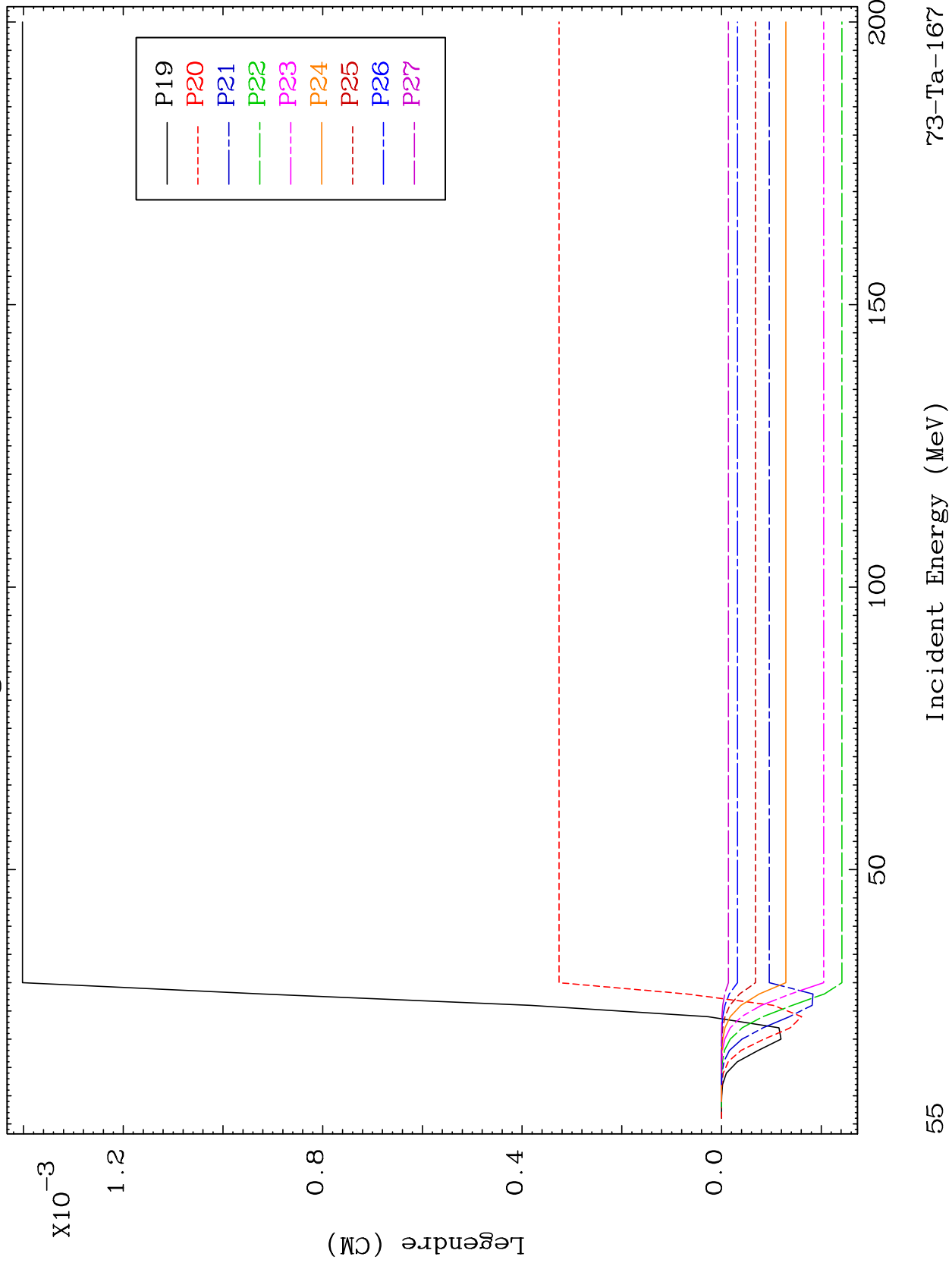
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

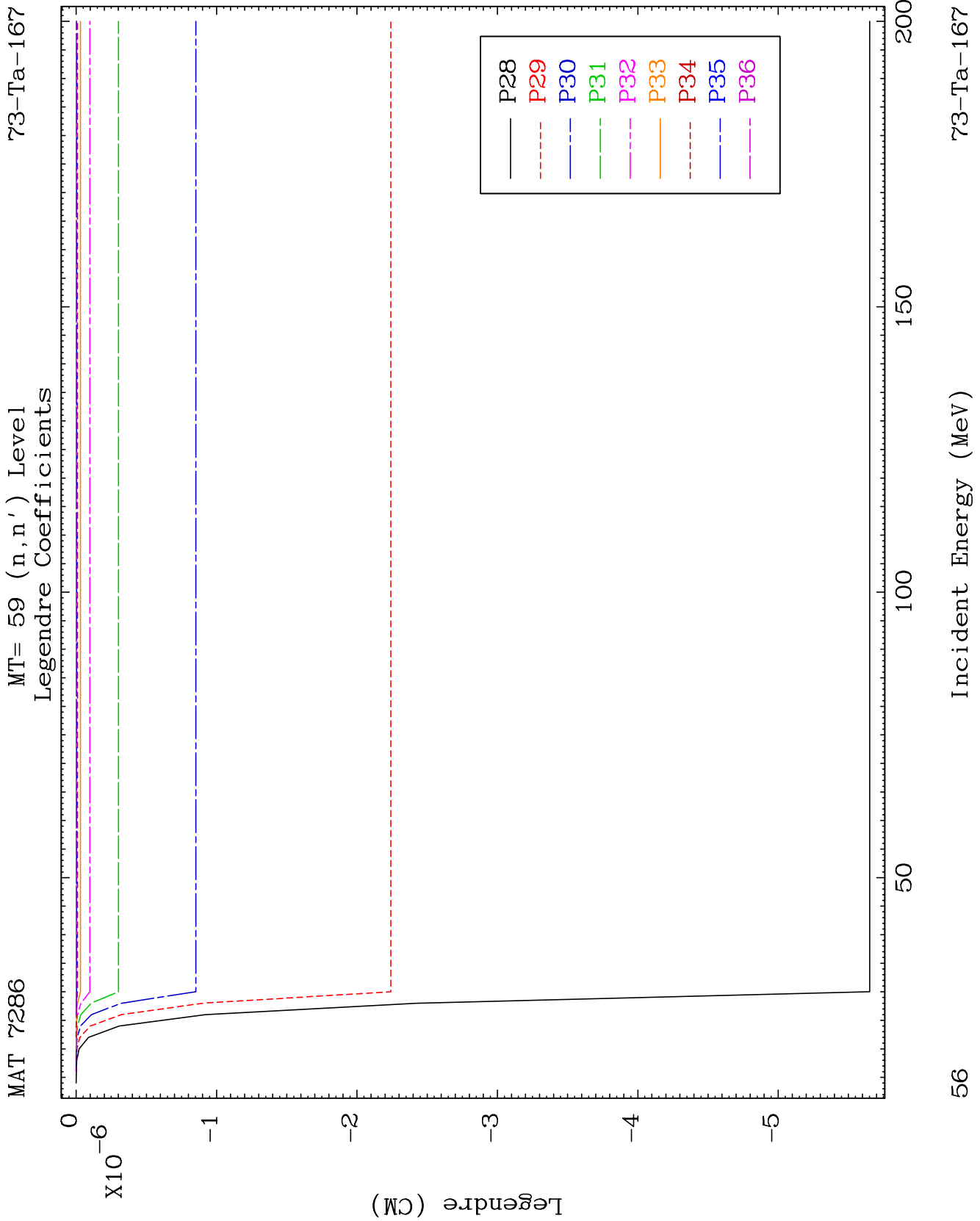
73-Ta-167



55

Incident Energy (MeV)

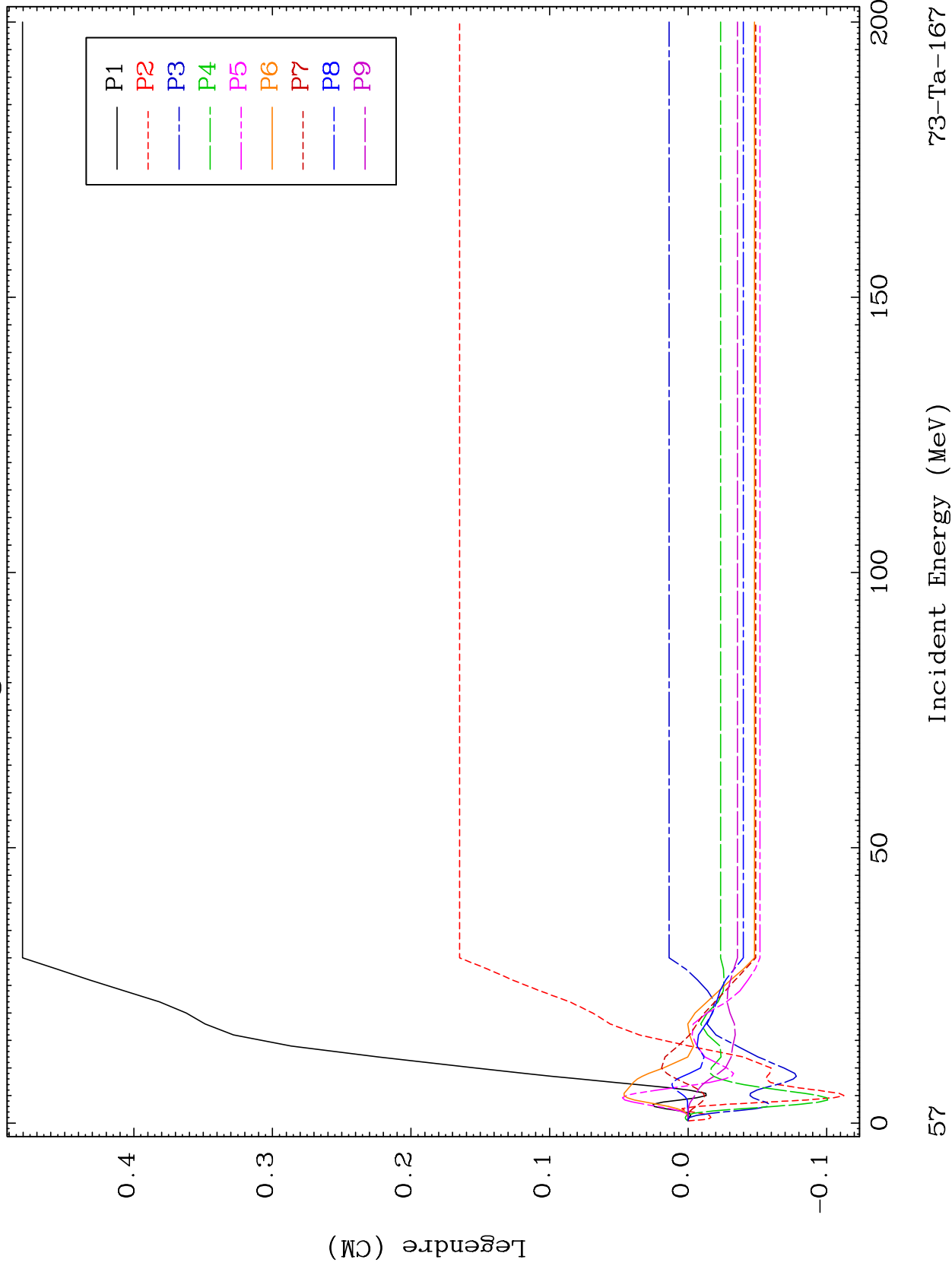
73-Ta-167



MAT 7286

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

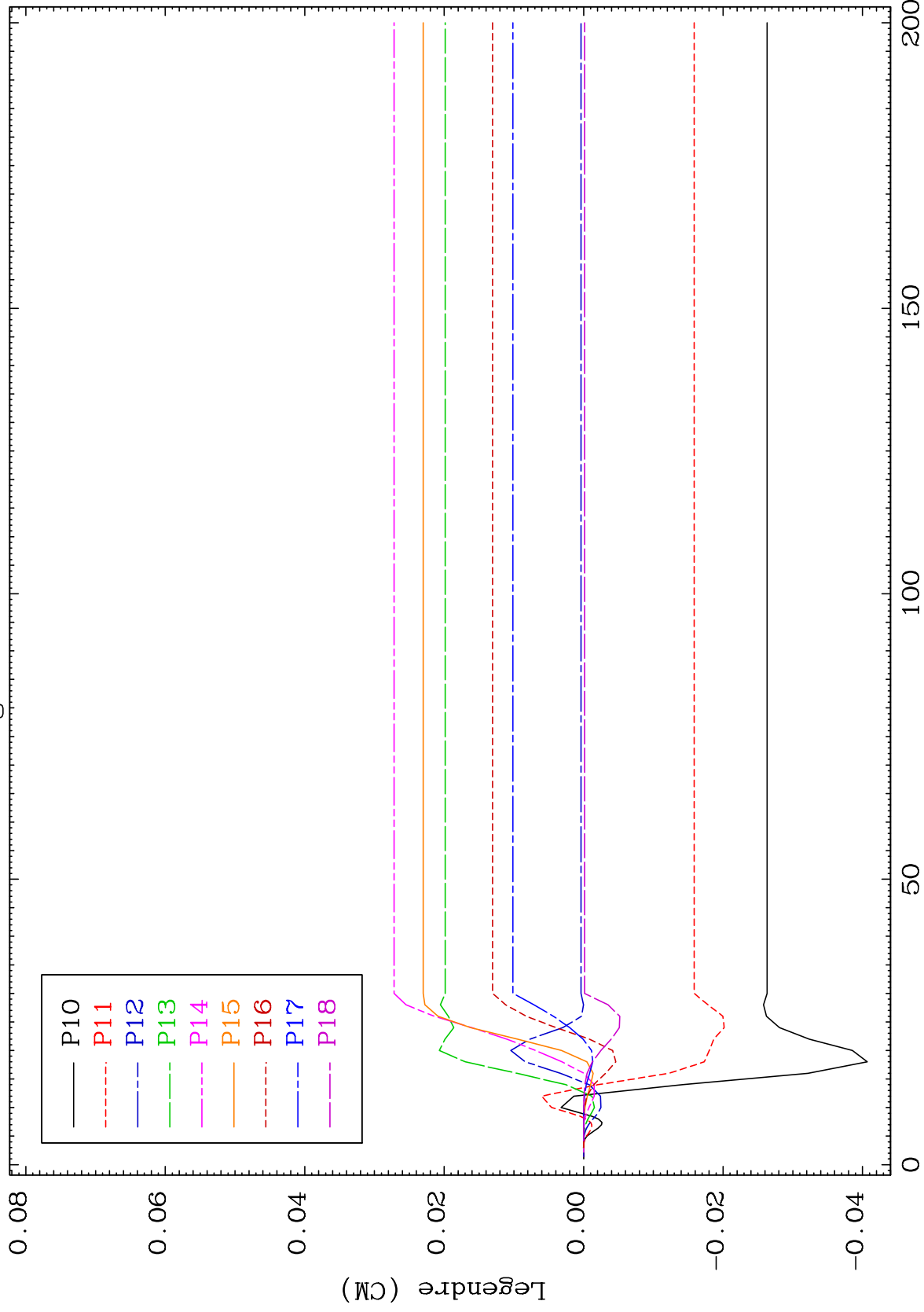
73-Ta-167



MAT 7286

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

73-Ta-167



58

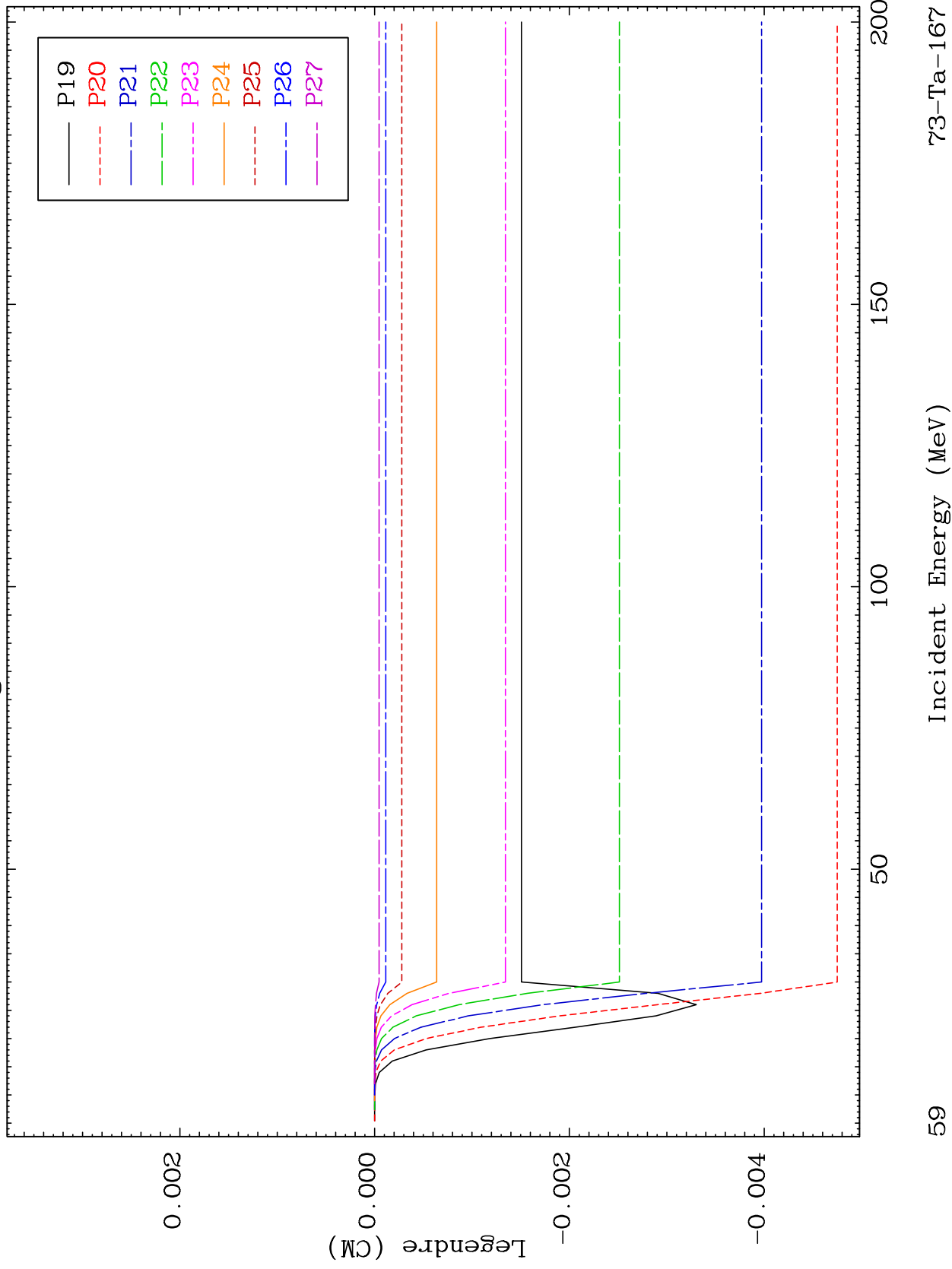
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

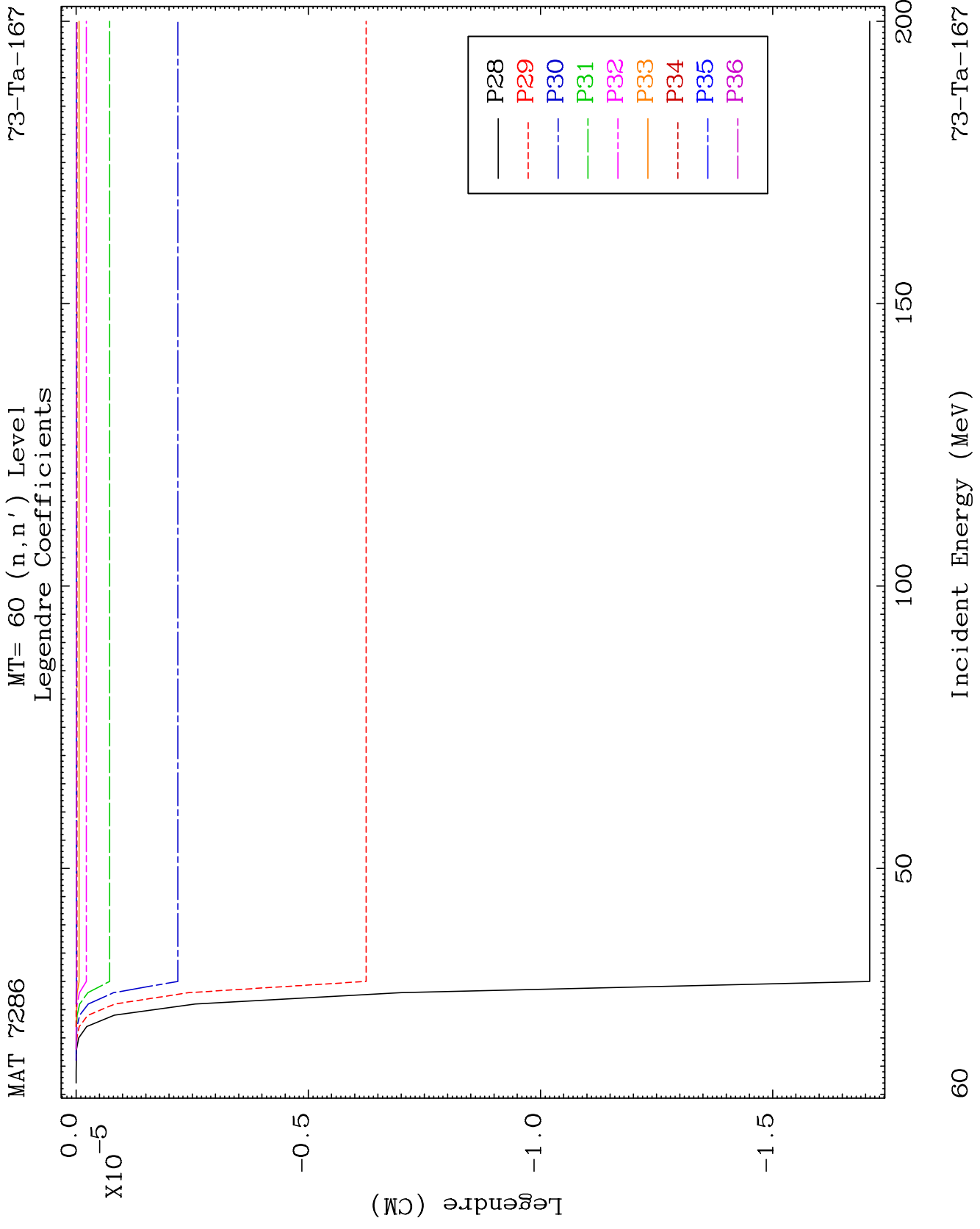
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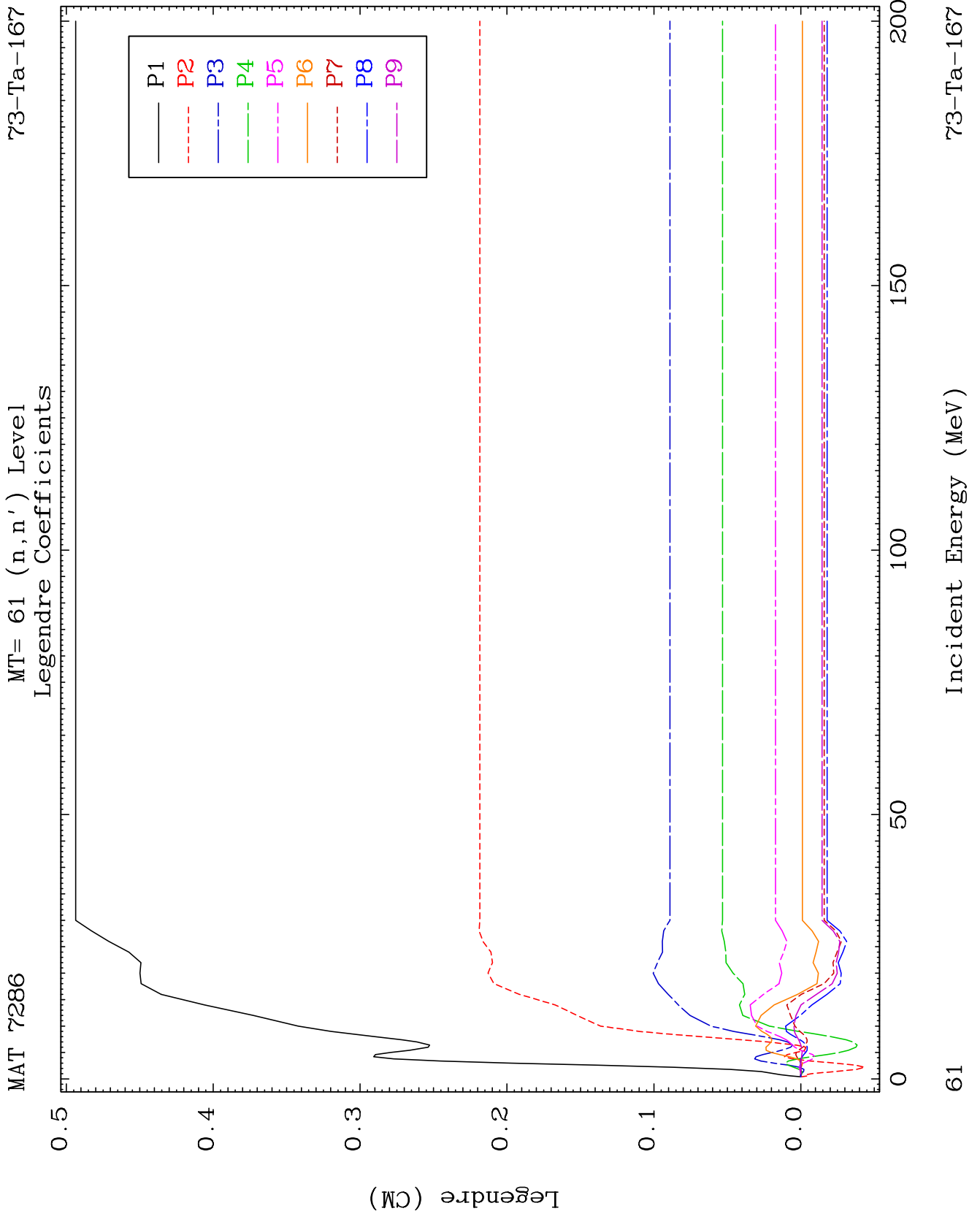


59

Incident Energy (MeV)

73-Ta-167

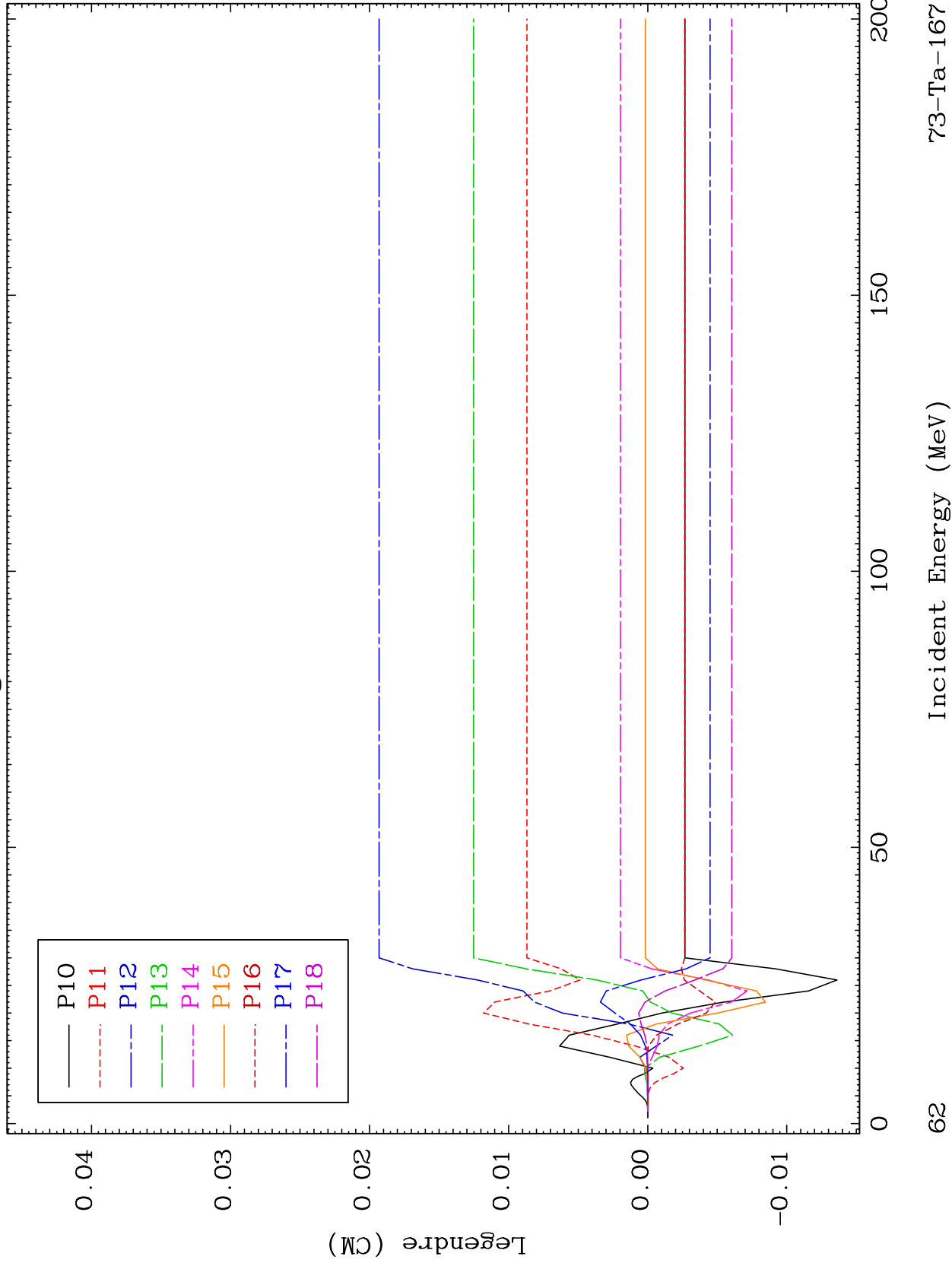




MAT 7286

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

73-Ta-167

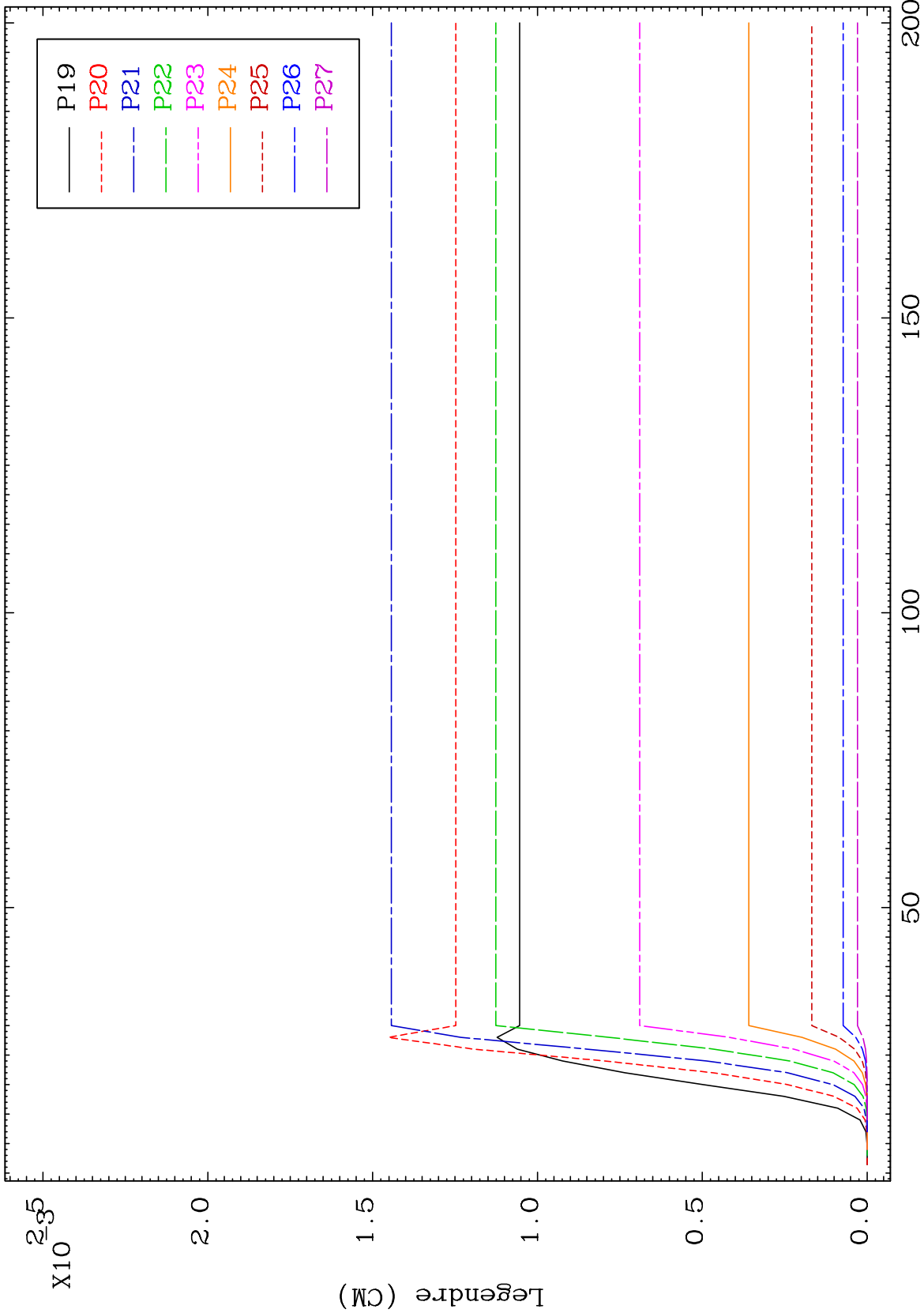


62

MAT 7286

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

73-Ta-167



63

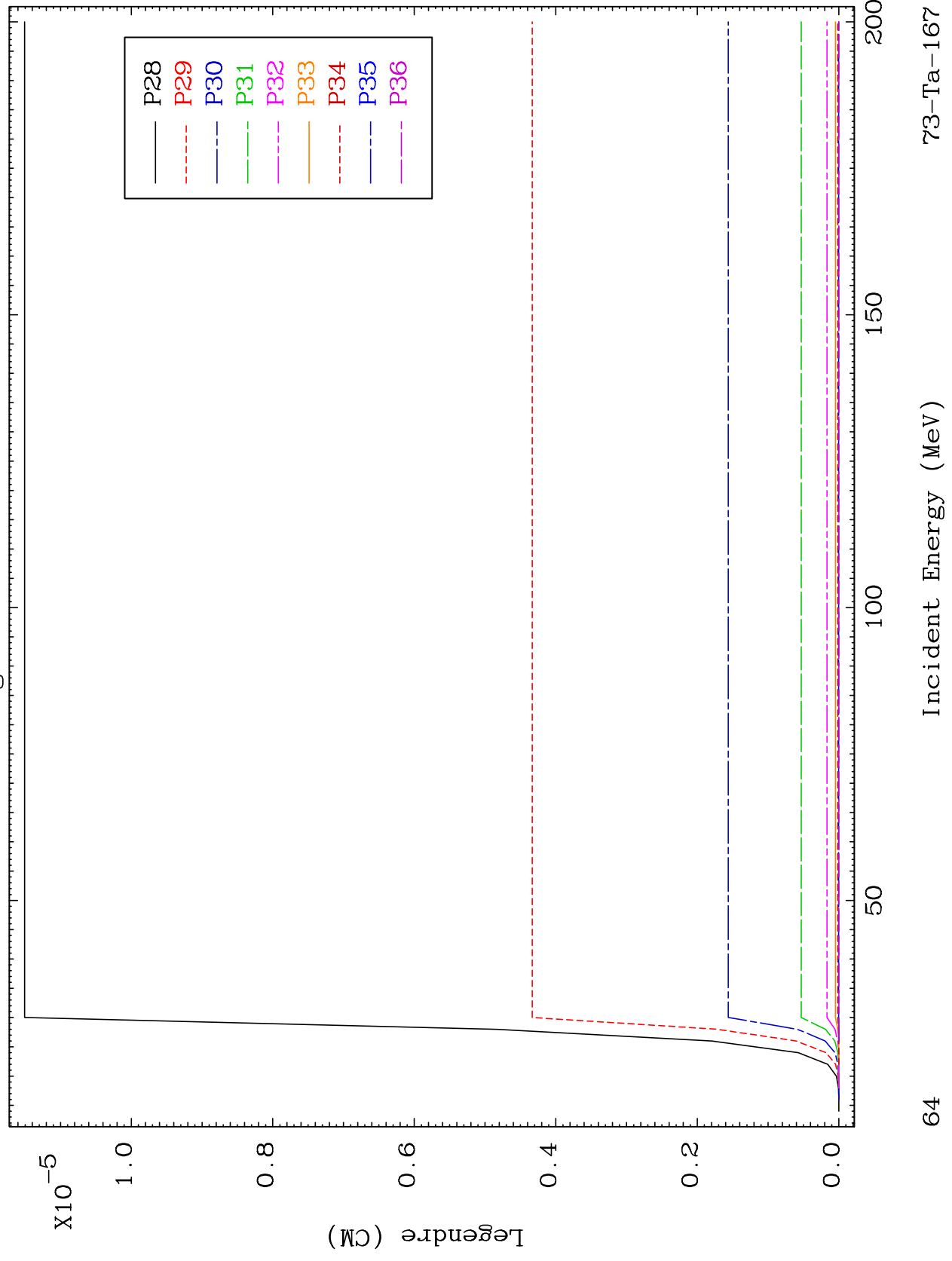
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



73-Ta-167

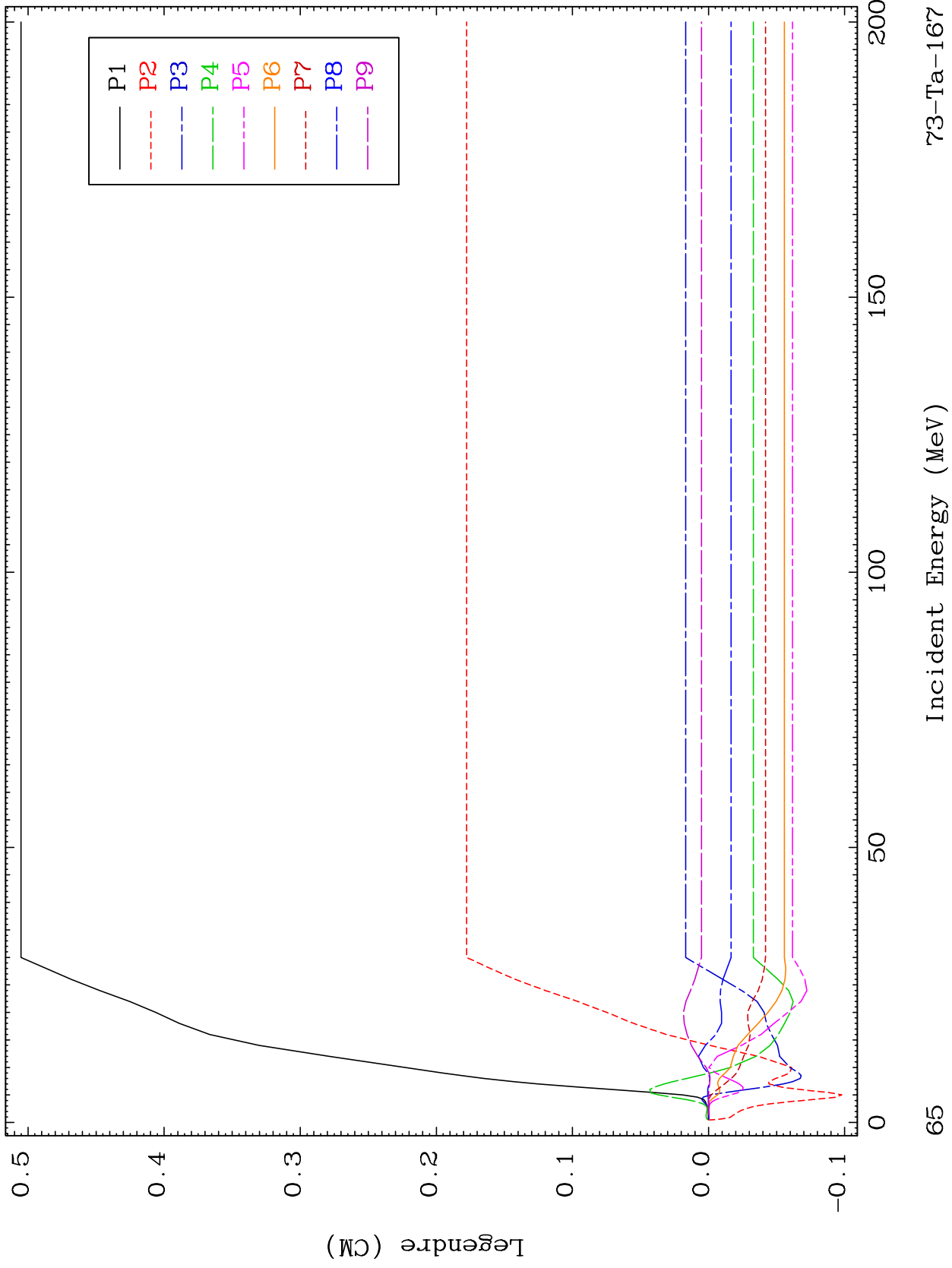
Incident Energy (MeV)

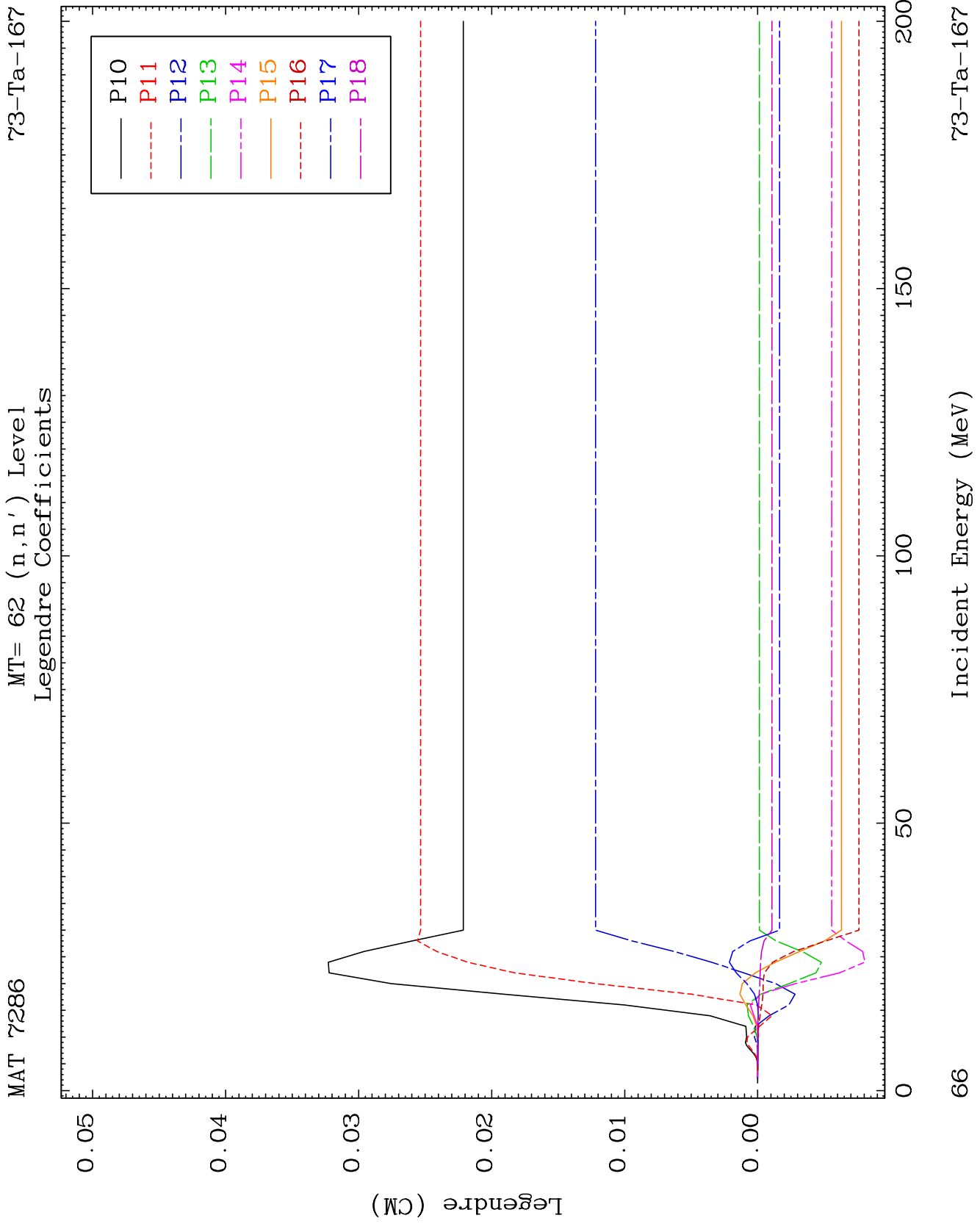
64

MAT 7286

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

73-Ta-167

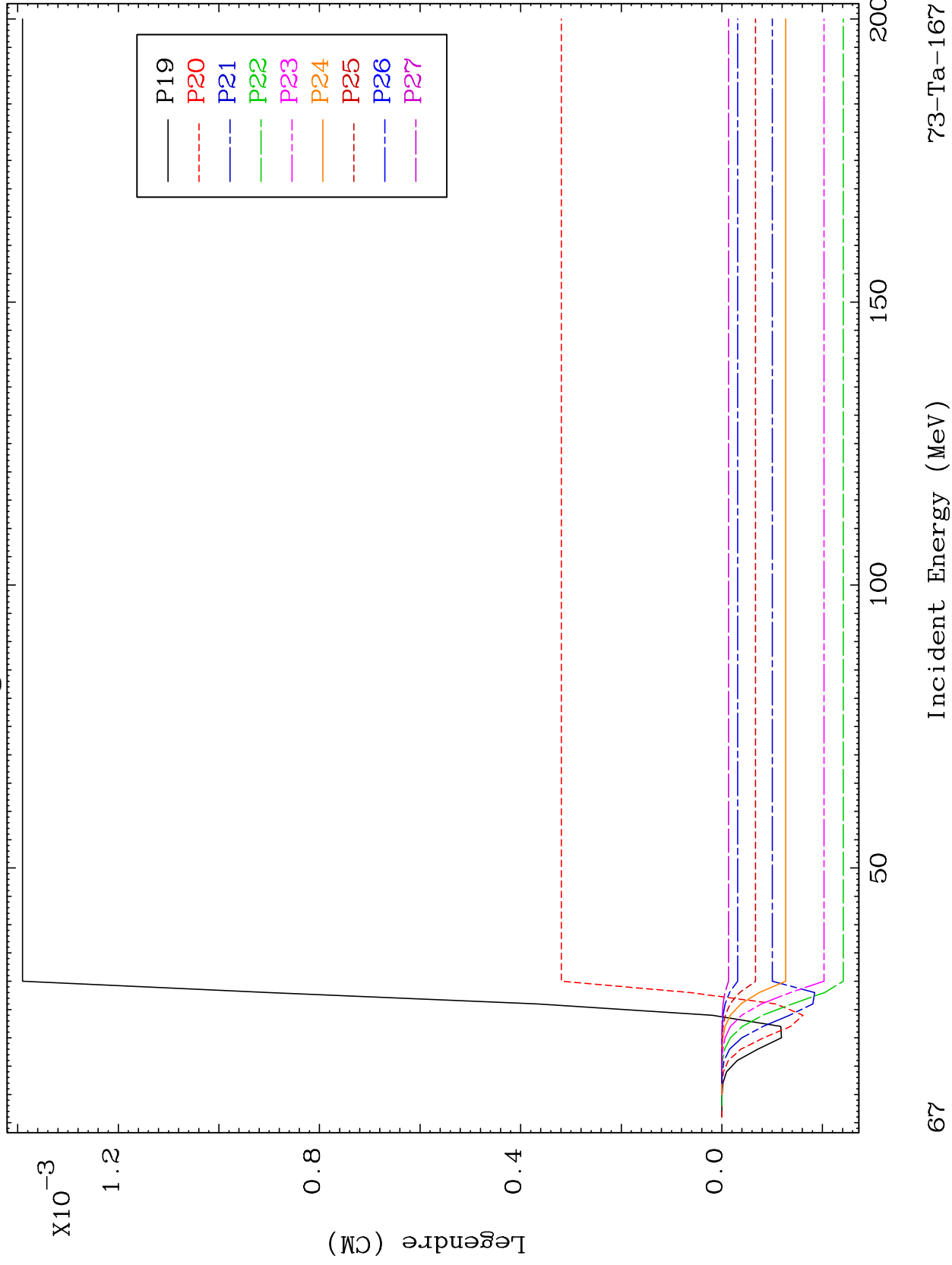


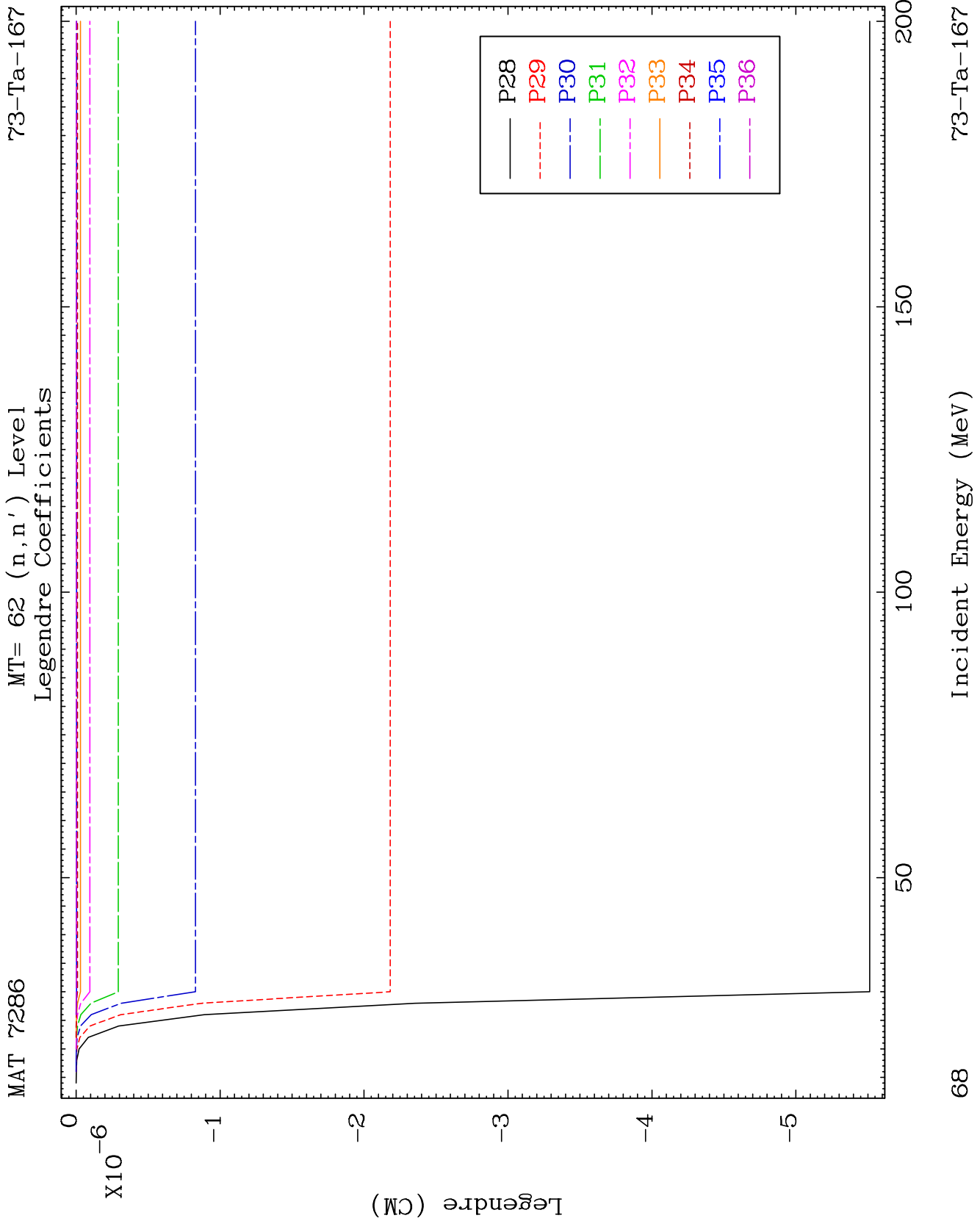


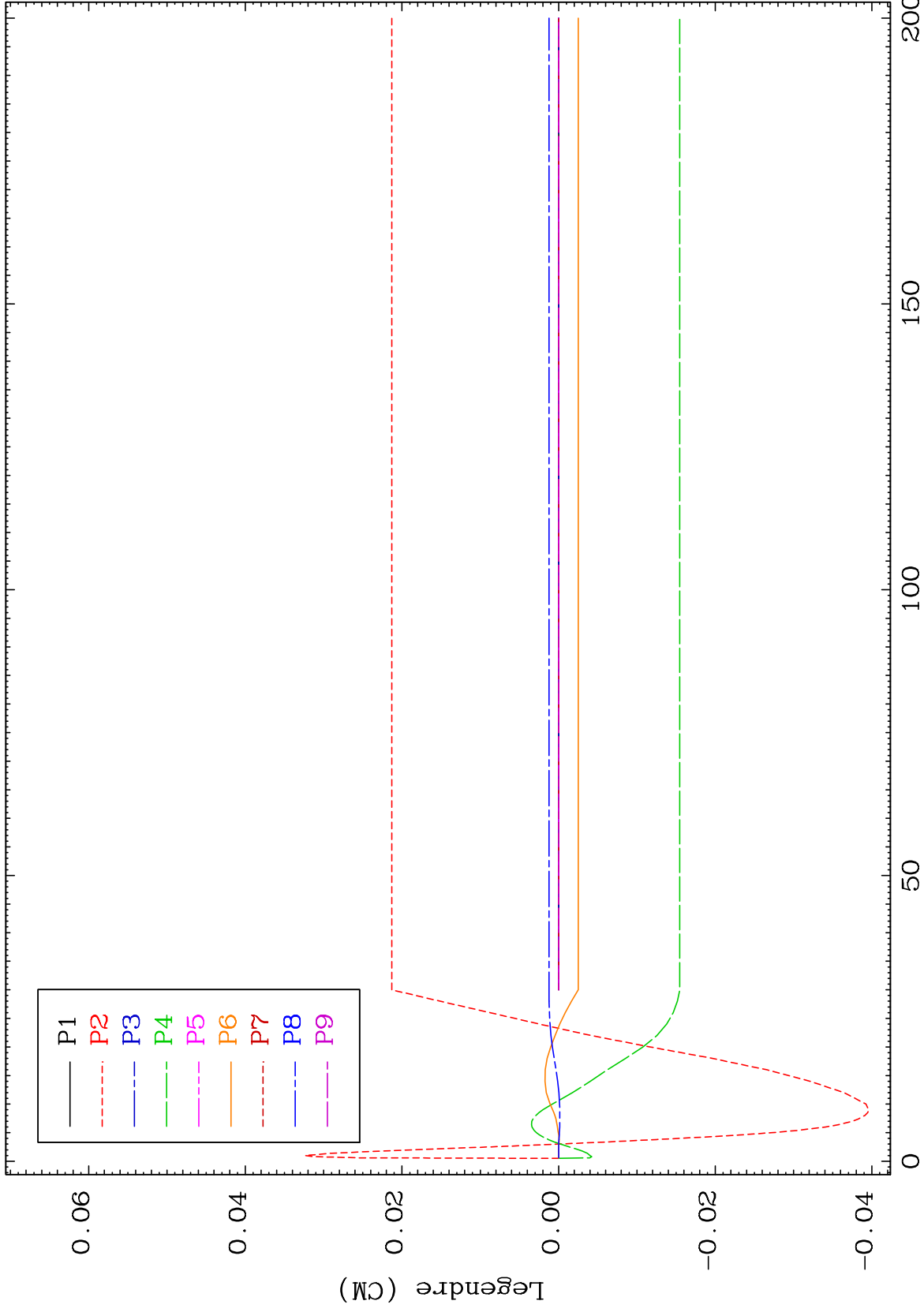
MAT 7286

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

73-Ta-167



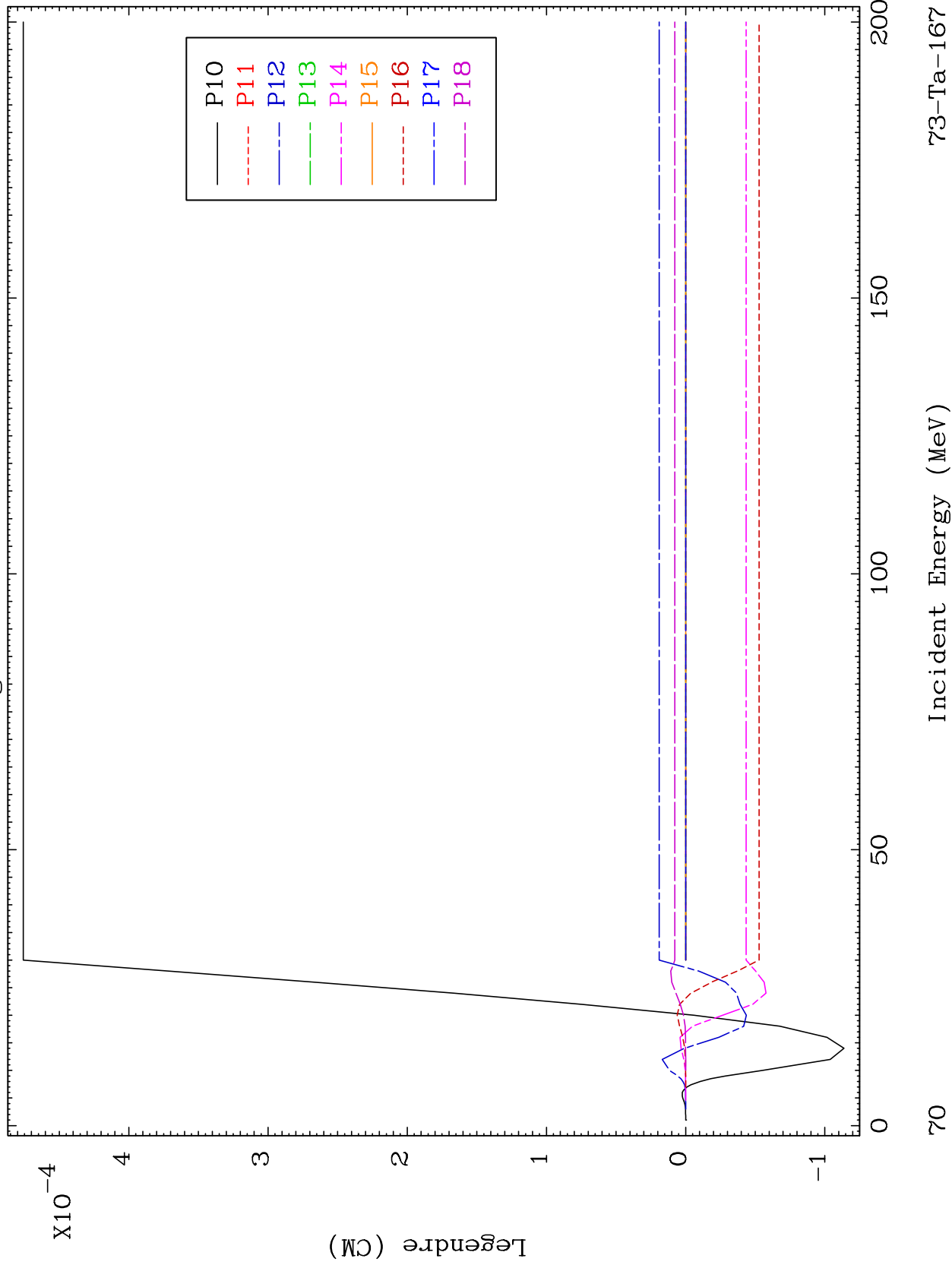




MAT 7286

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

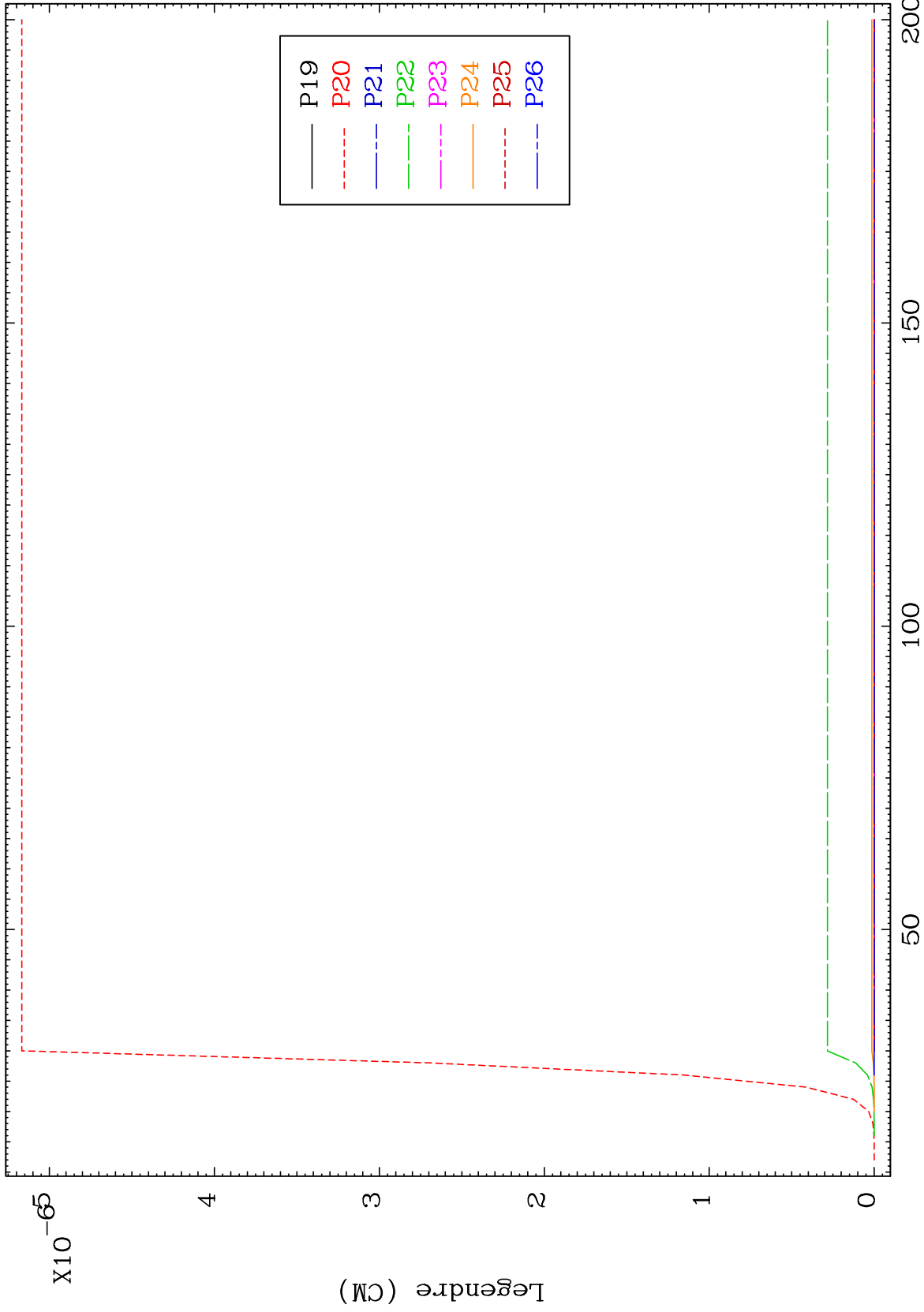
73-Ta-167



MAT 7286

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

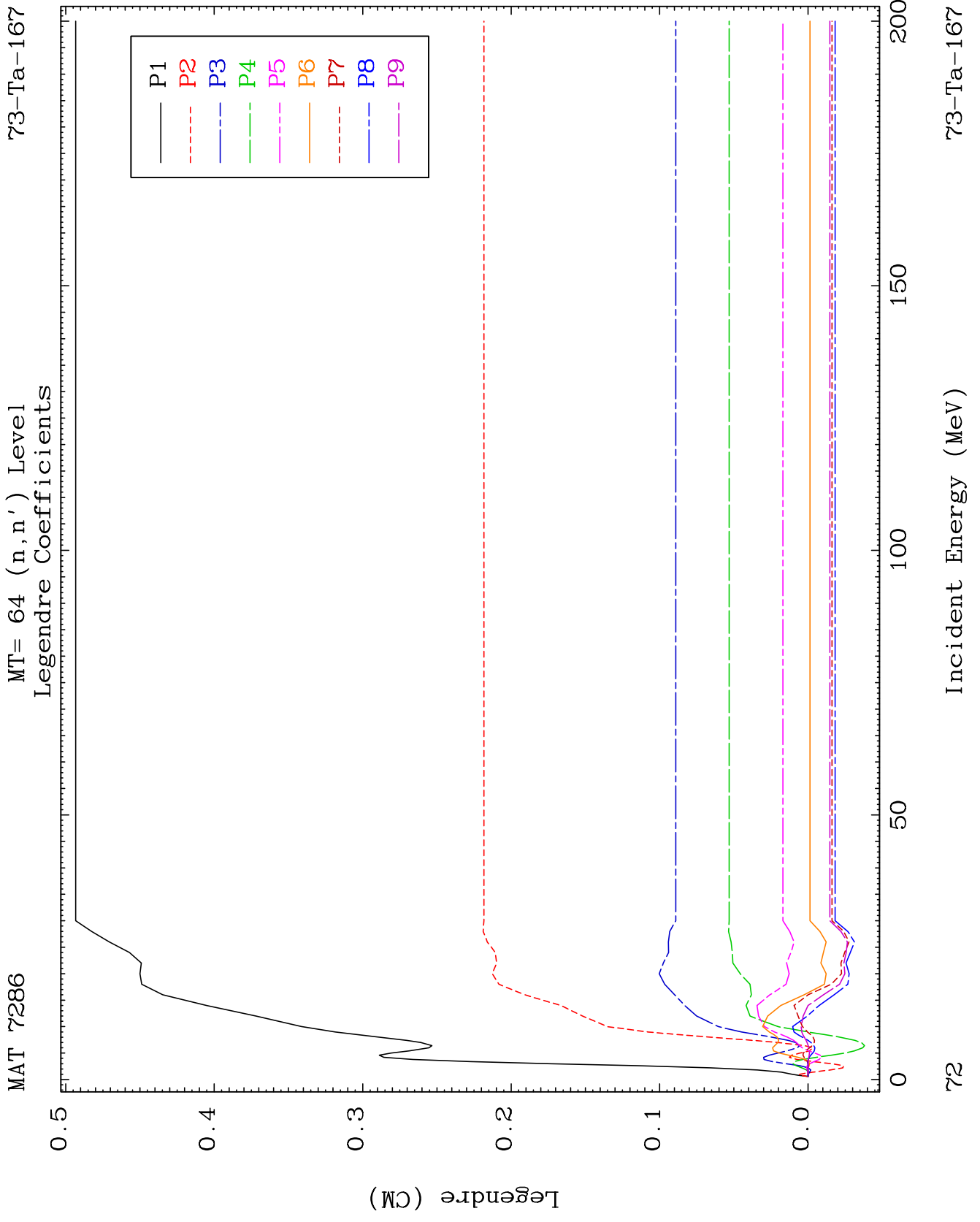
73-Ta-167



71

Incident Energy (MeV)

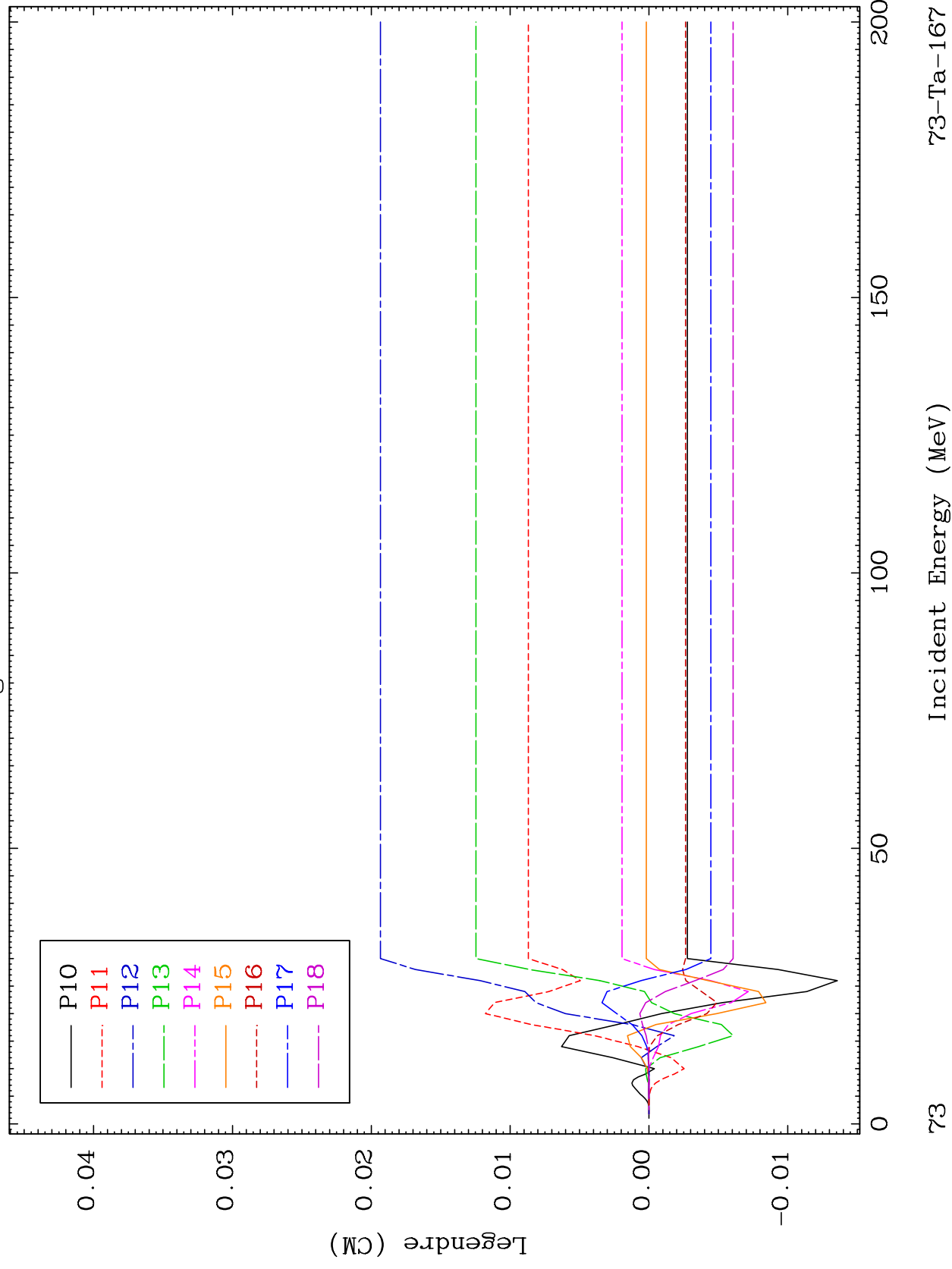
73-Ta-167



MAT 7286

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

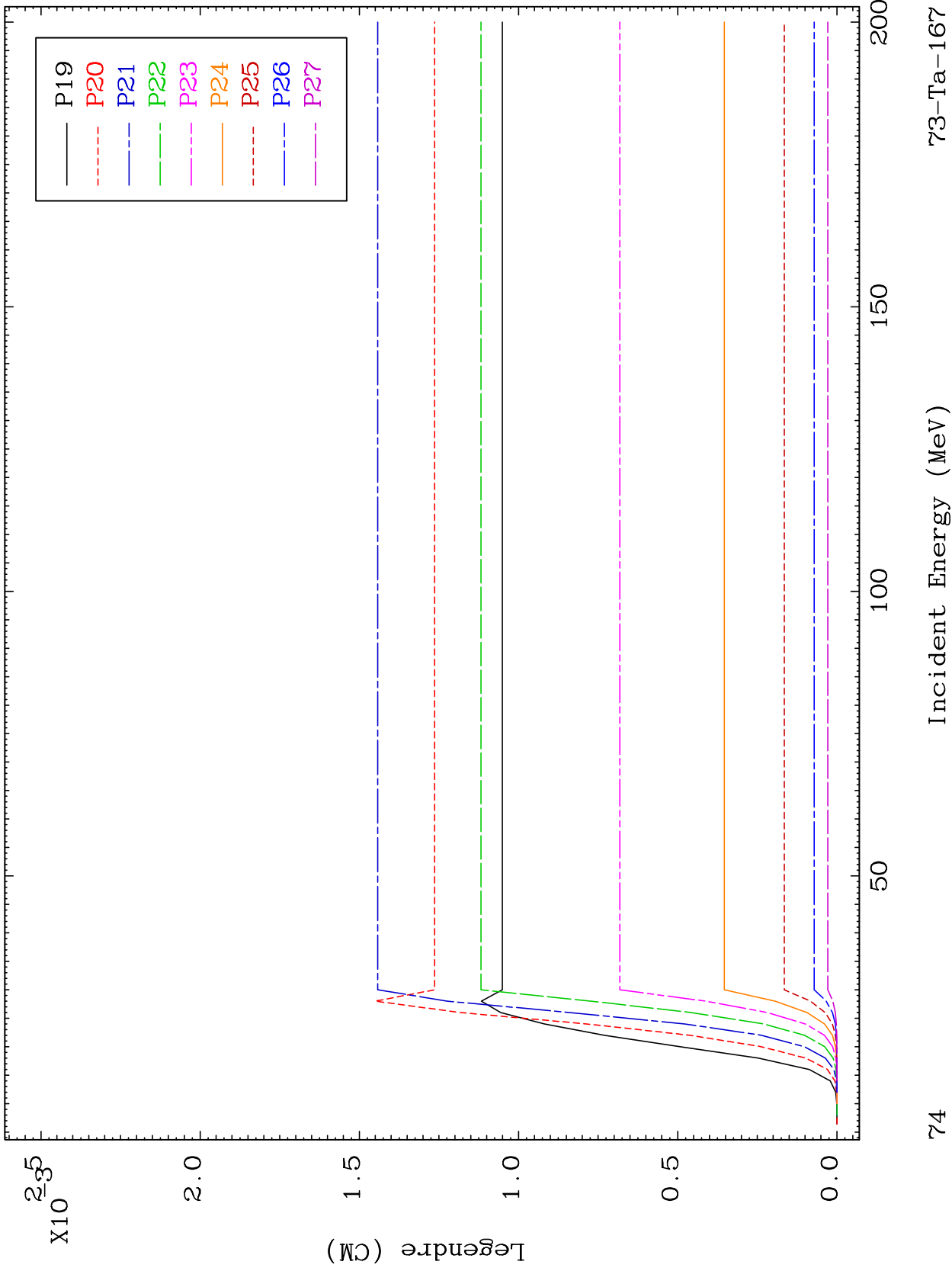
73-Ta-167



73

Incident Energy (MeV)

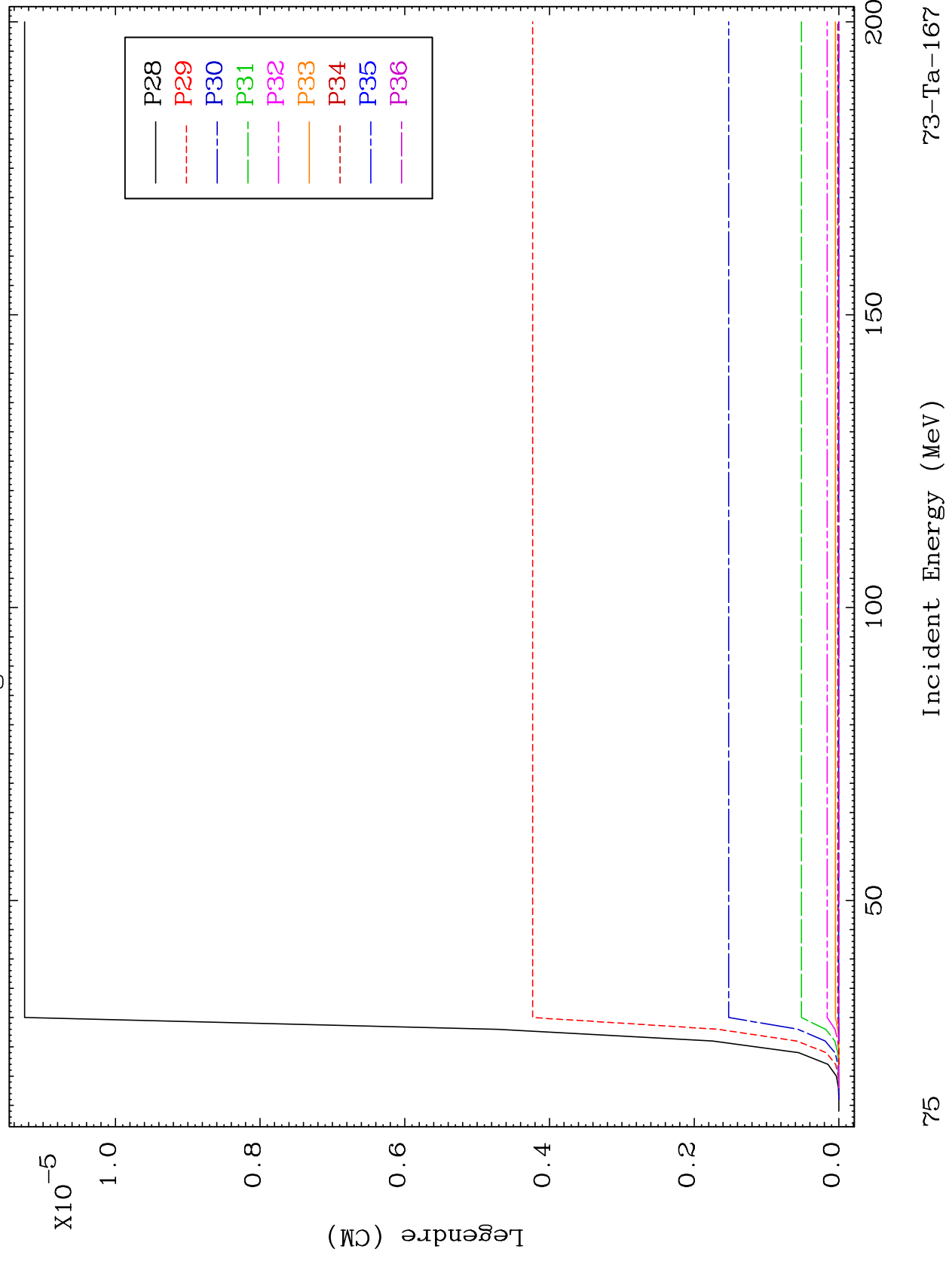
73-Ta-167



MAT 7286

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

73-Ta-167



73-Ta-167

Incident Energy (MeV)

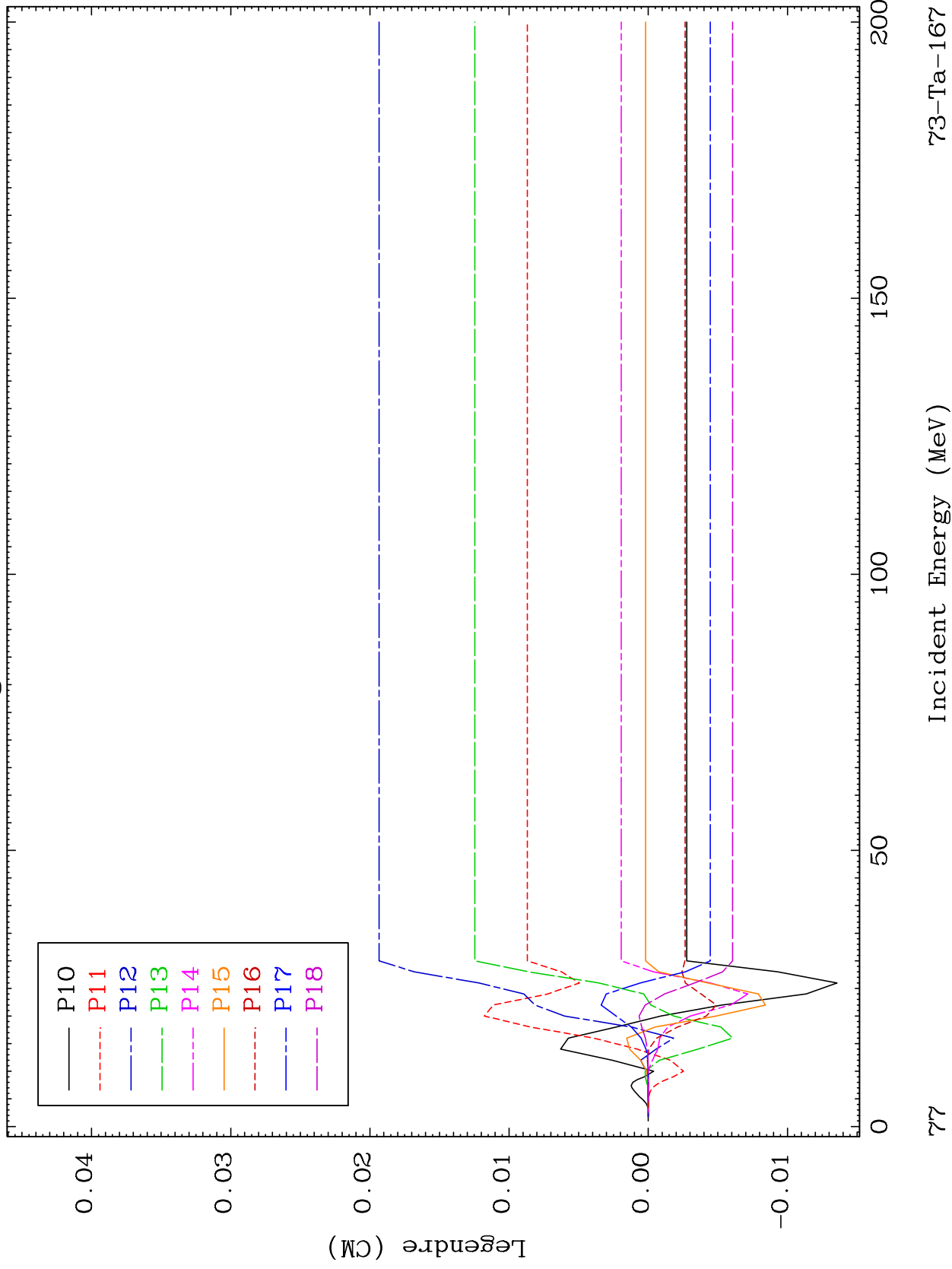
75



MAT 7286

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

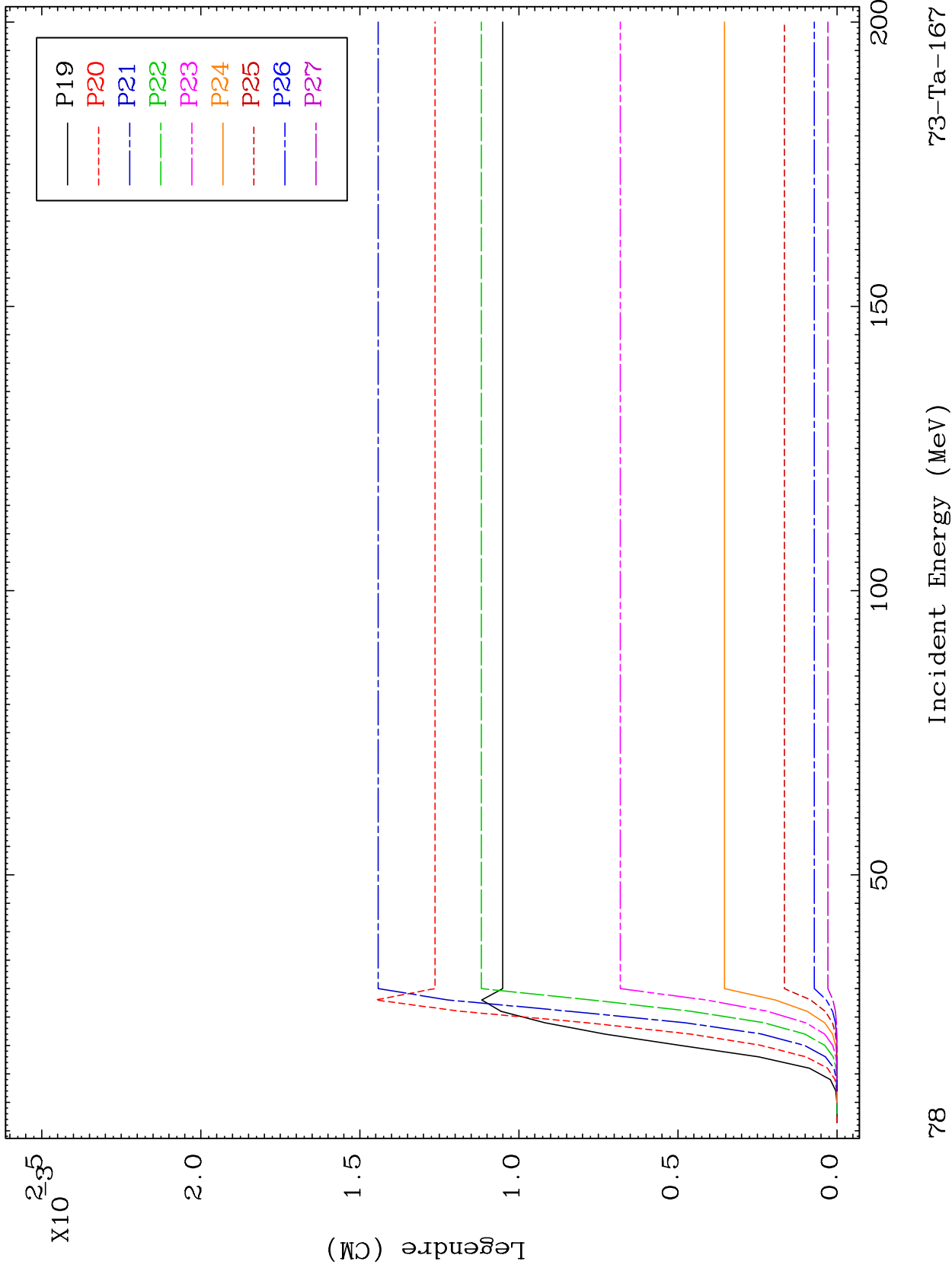
73-Ta-167



MAT 7286

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

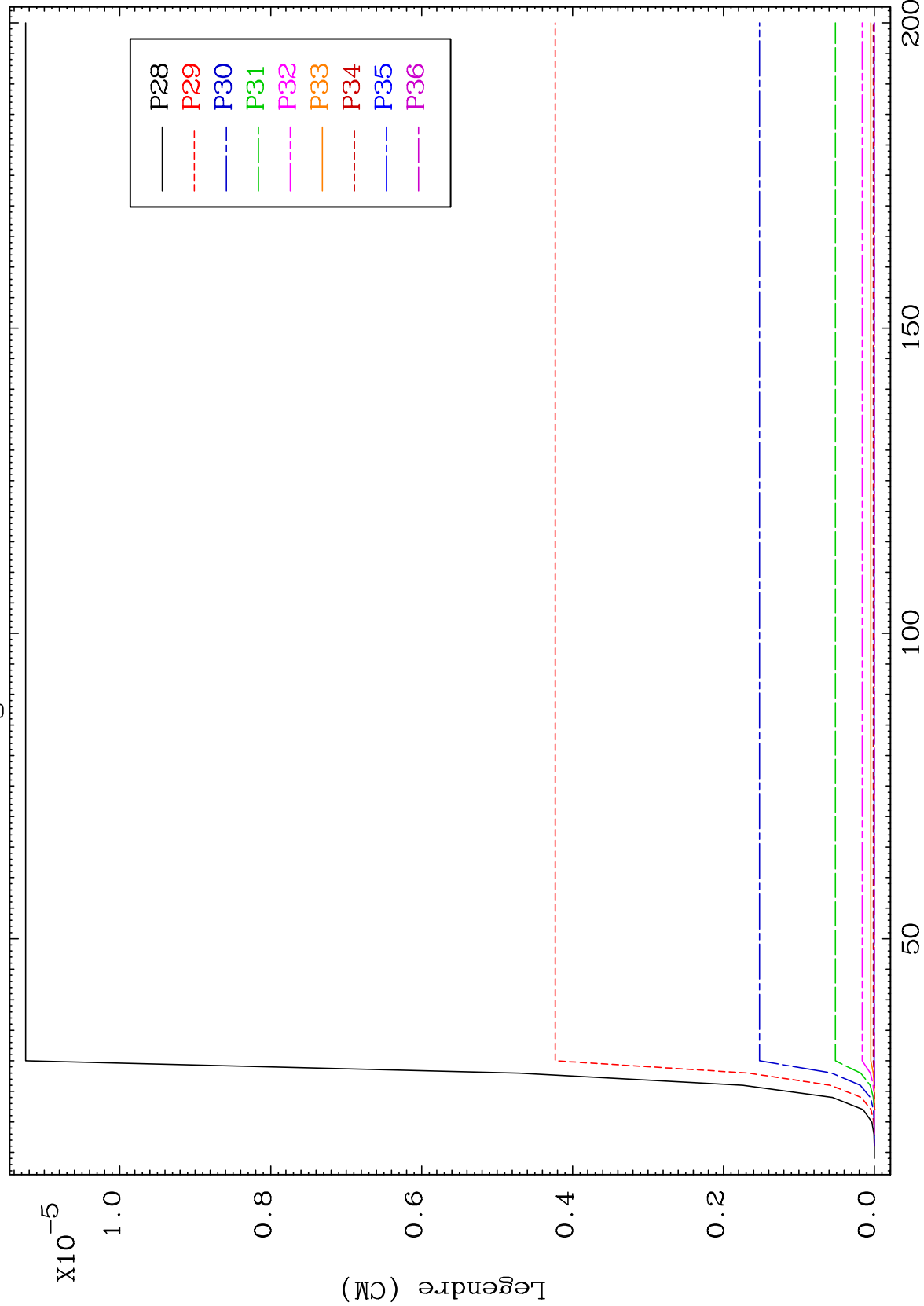
73-Ta-167



MAT 7286

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

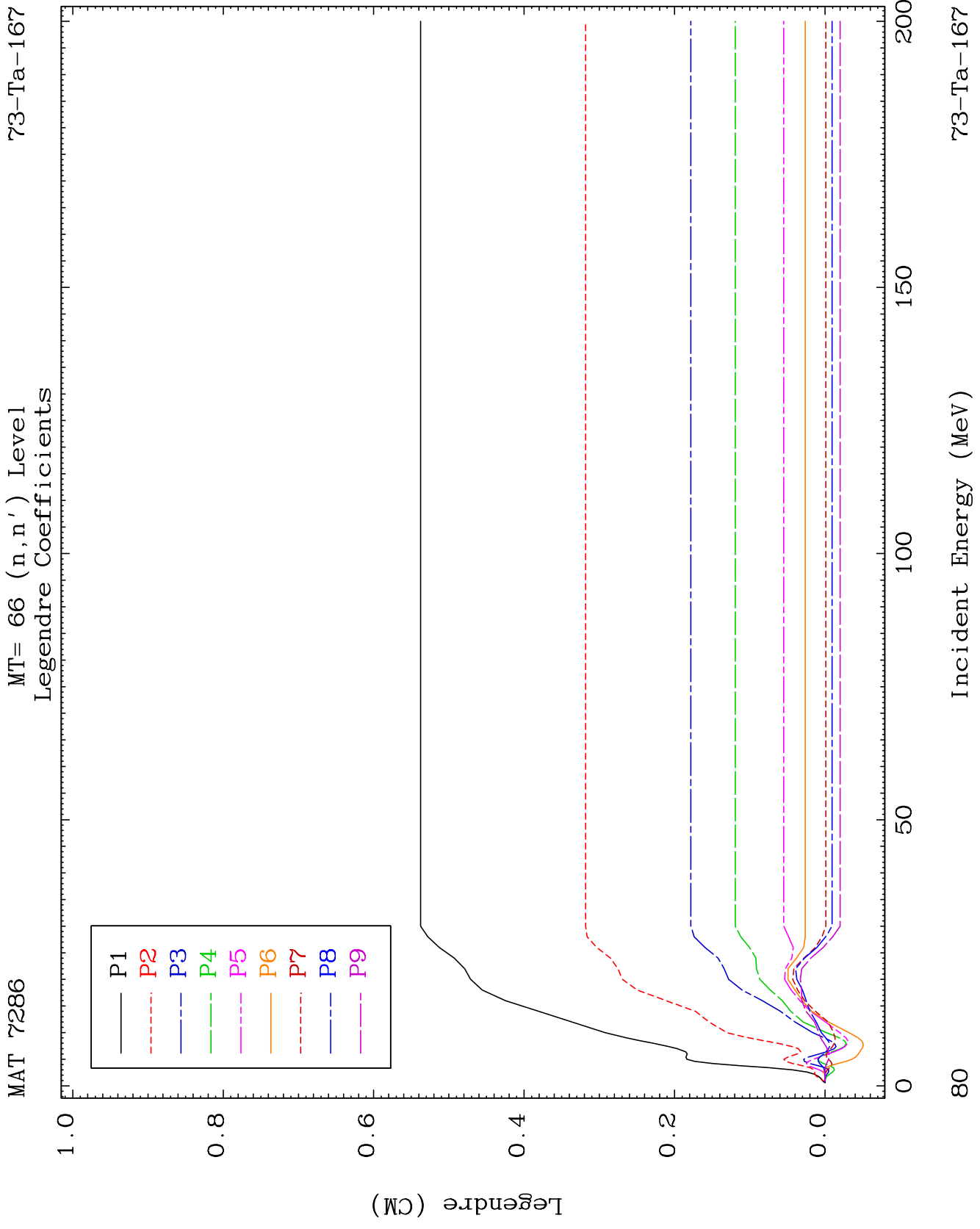
73-Ta-167



73-Ta-167

Incident Energy (MeV)

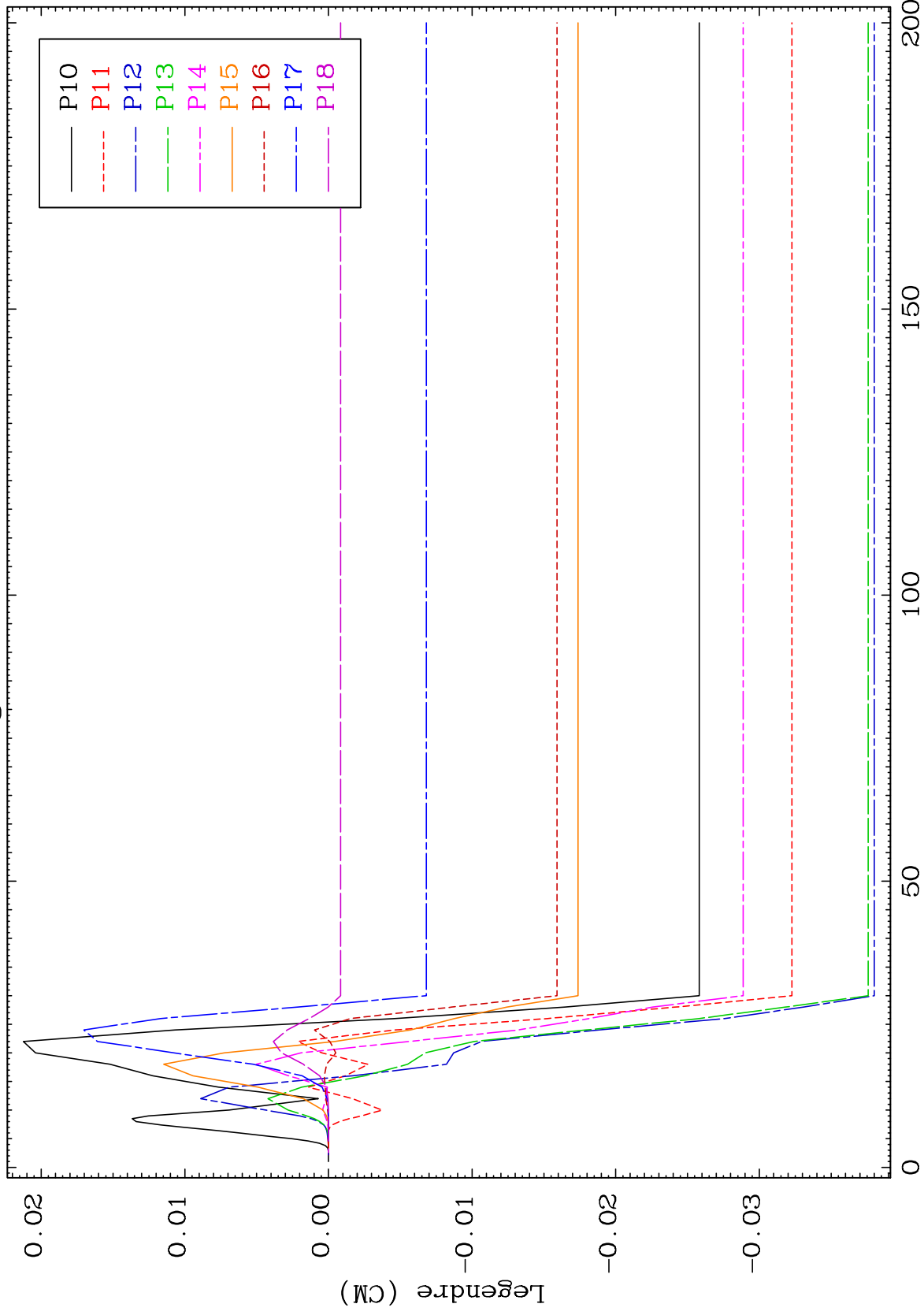
79



MAT 7286

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

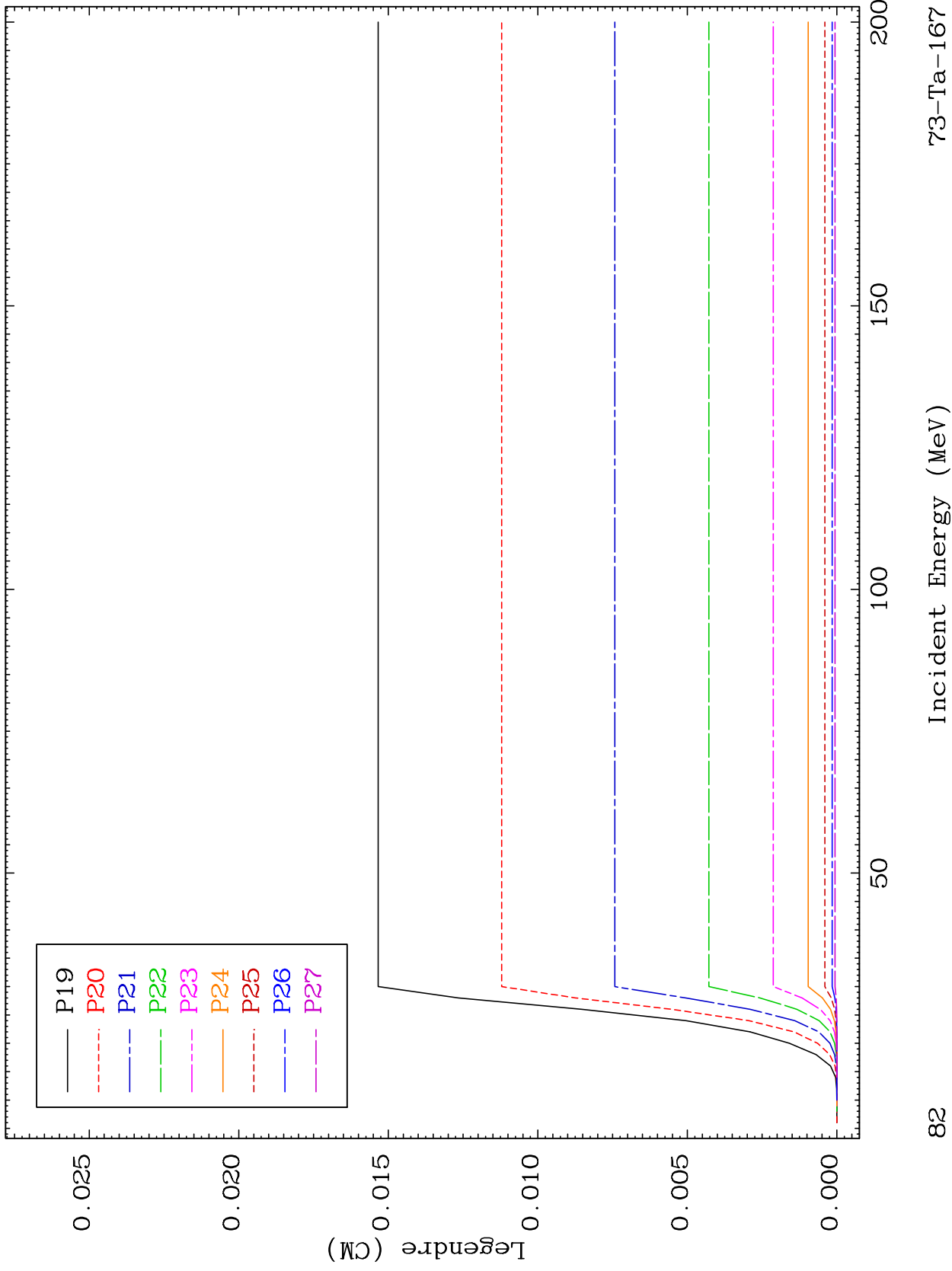
73-Ta-167



81

Incident Energy (MeV)

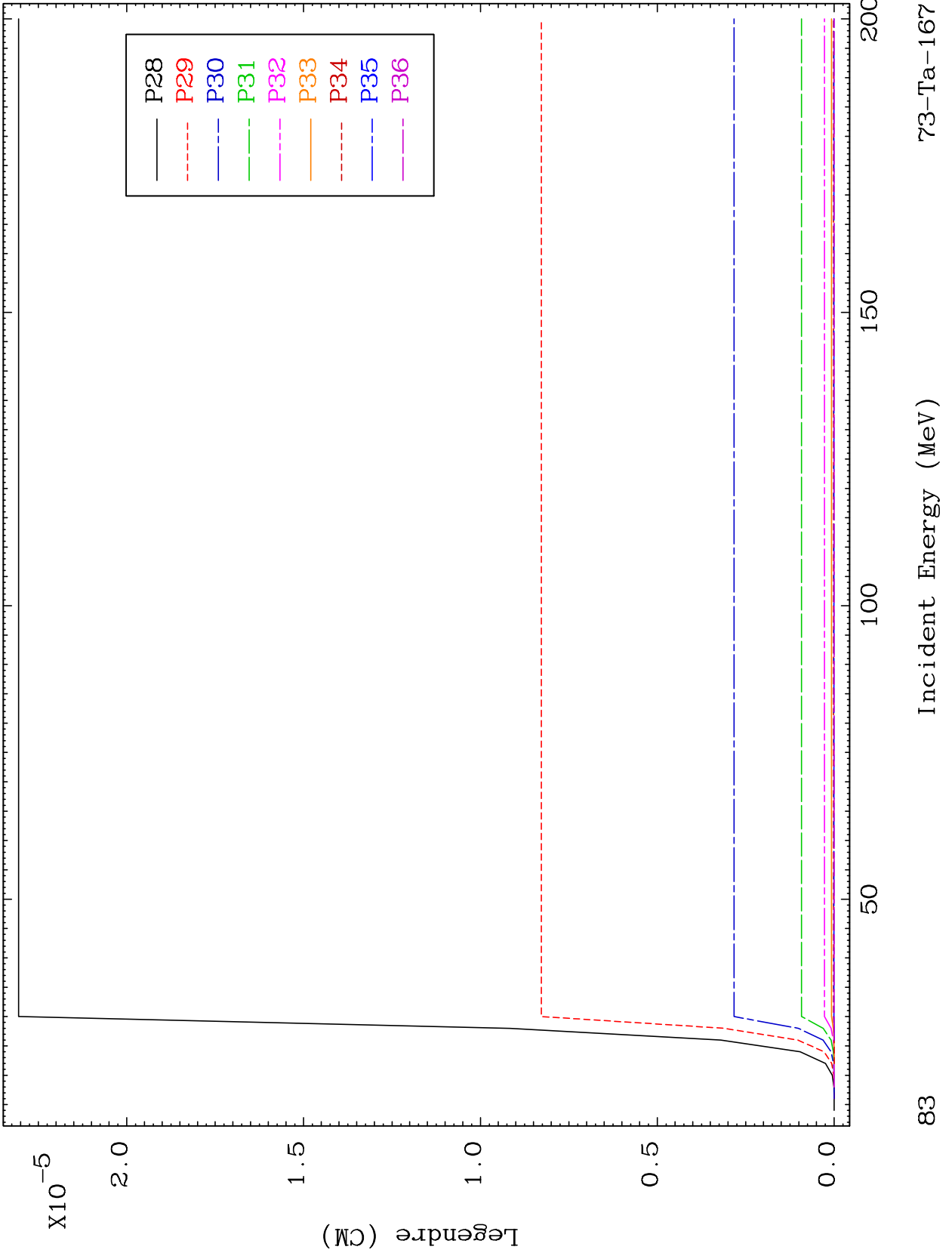
73-Ta-167



MAT 7286

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

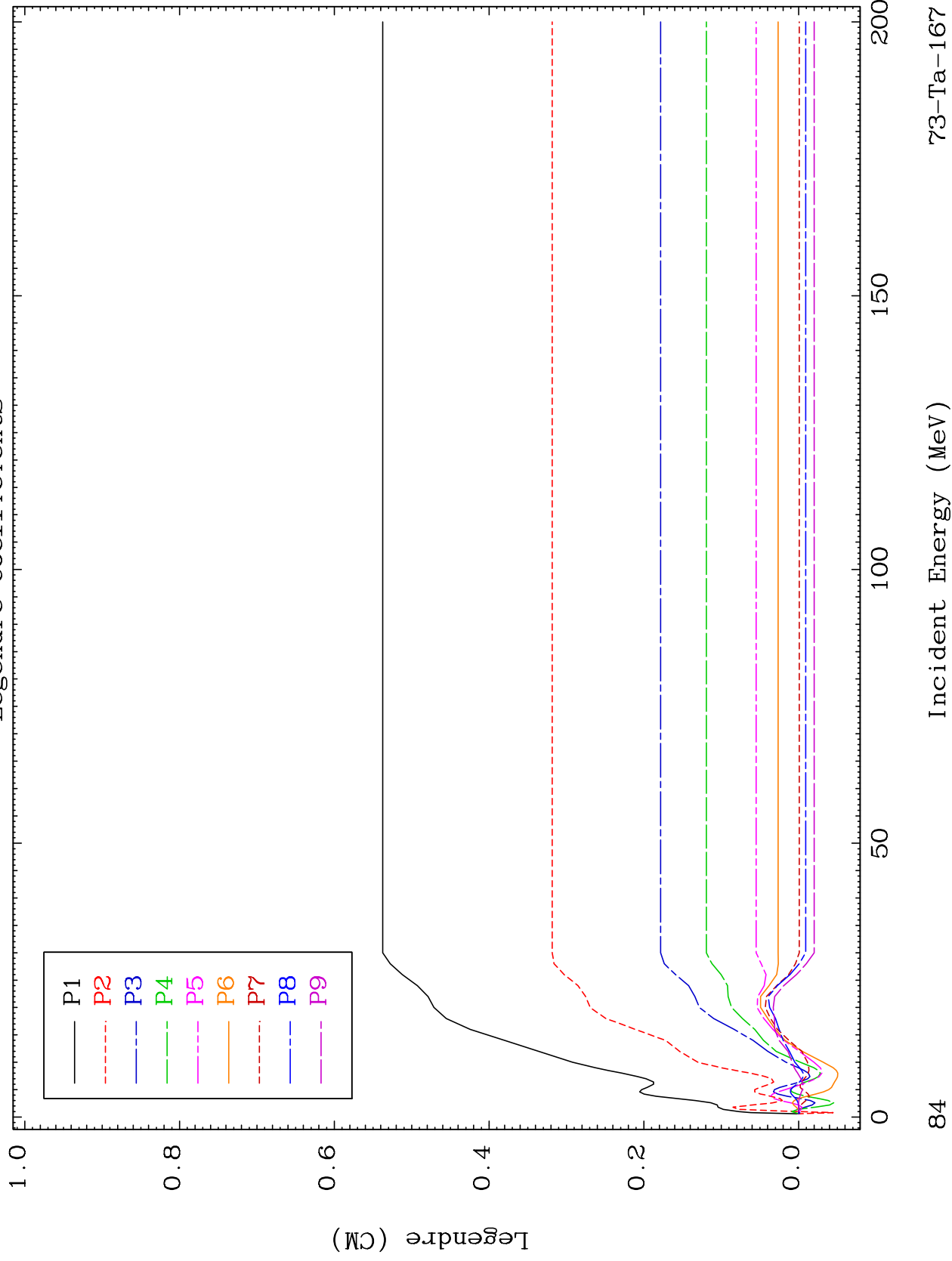
73-Ta-167



MAT 7286

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

73-Ta-167

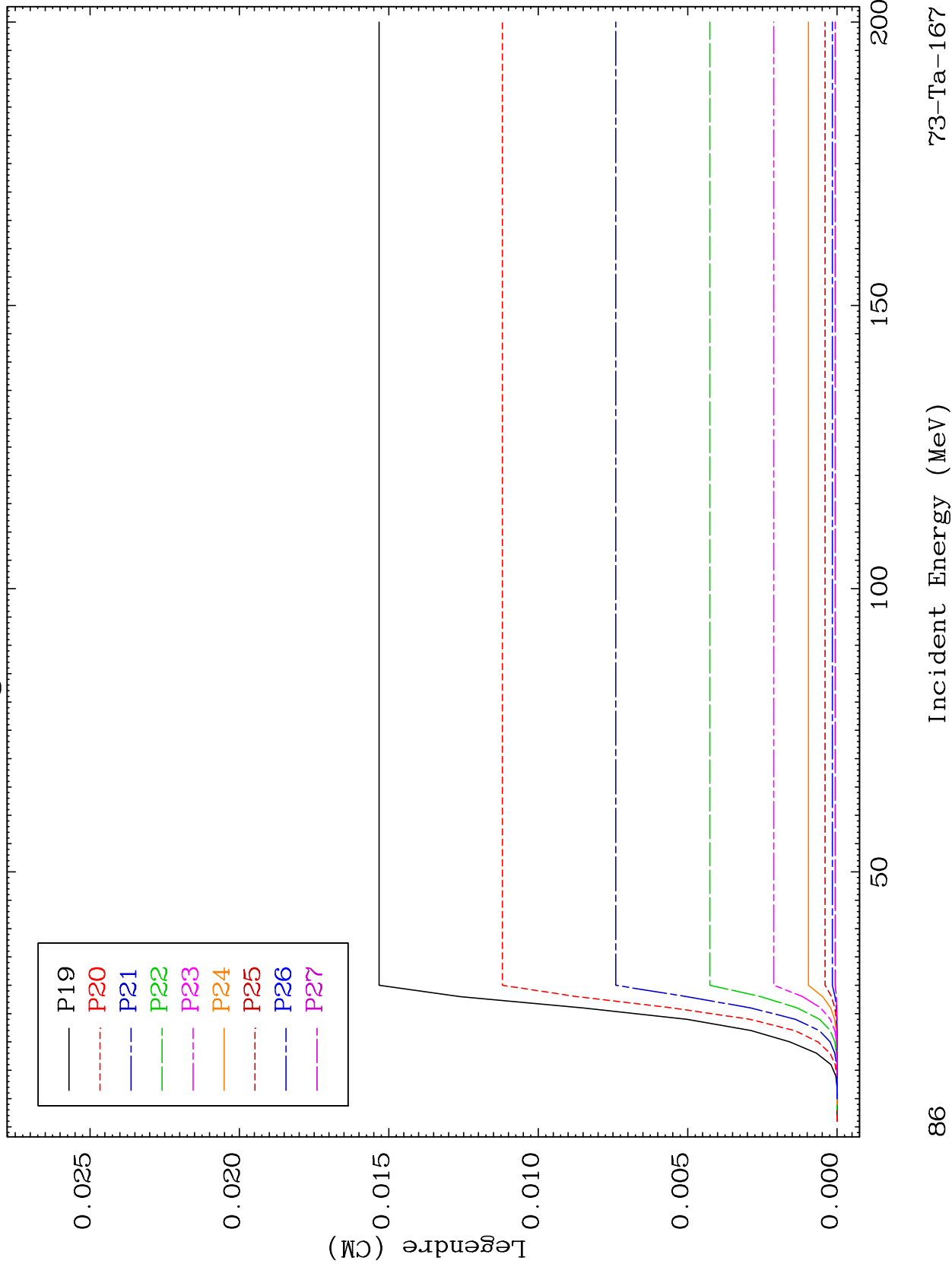


84

Incident Energy (MeV)

73-Ta-167

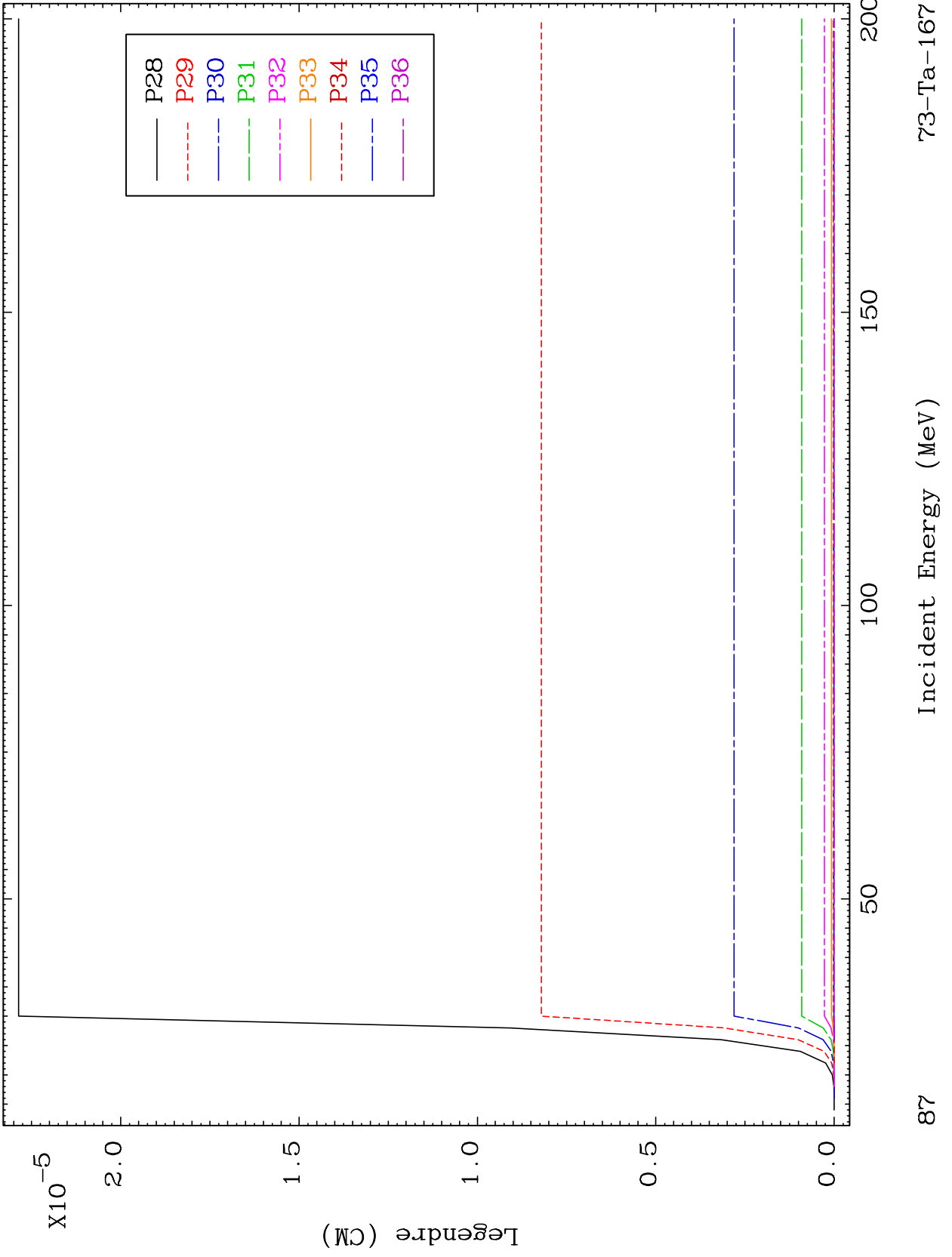


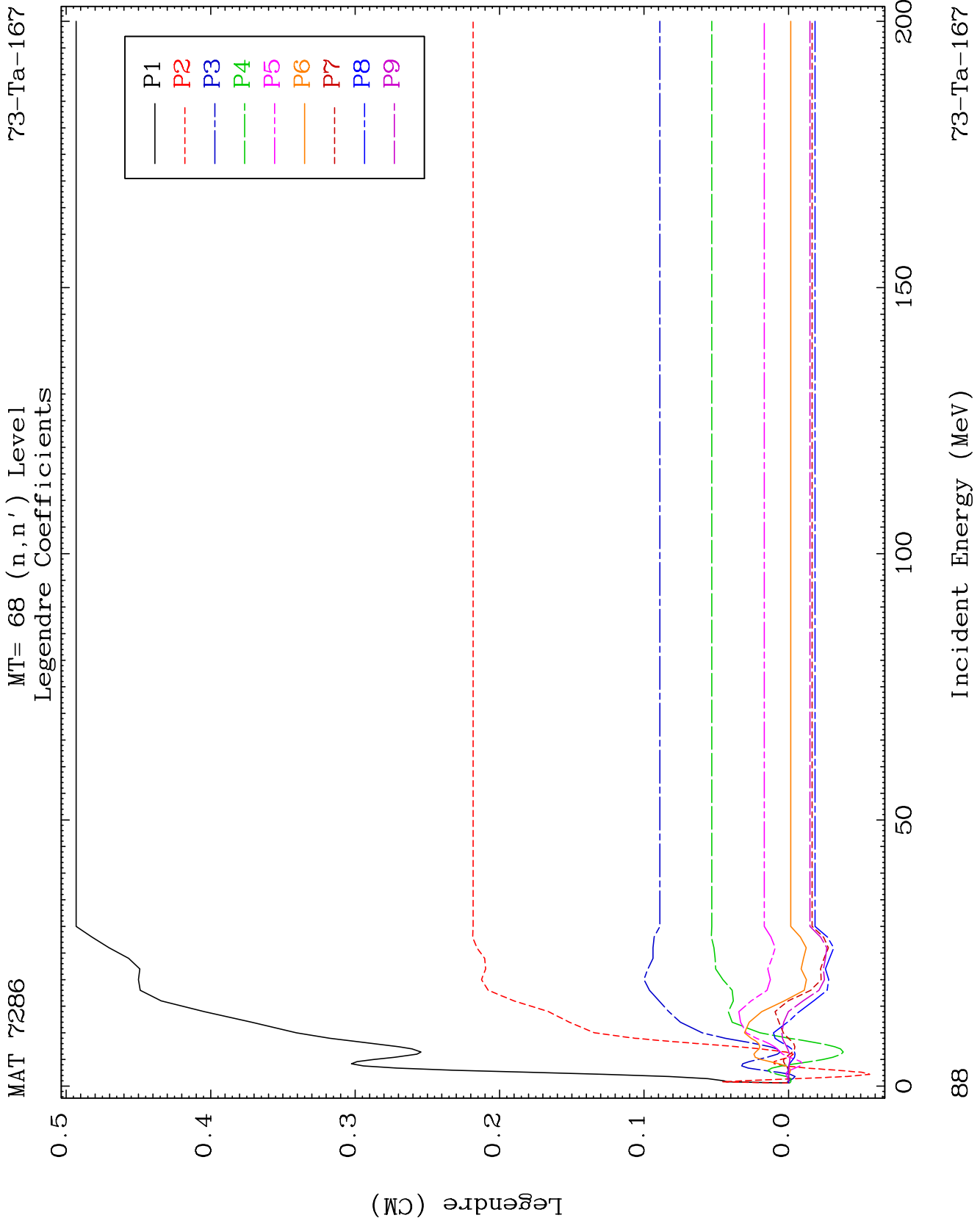


MAT 7286

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

73-Ta-167

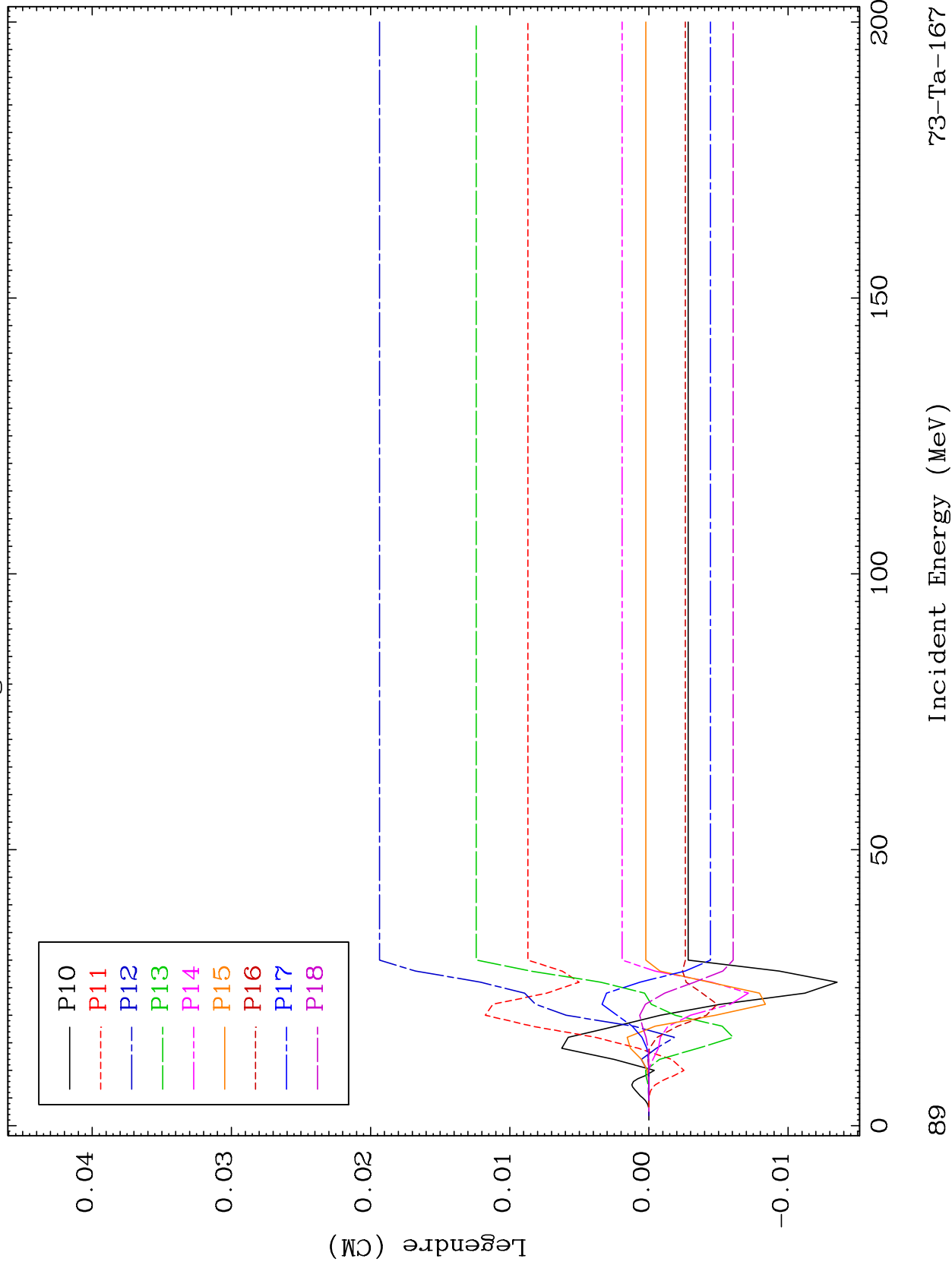




MAT 7286

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

73-Ta-167



89

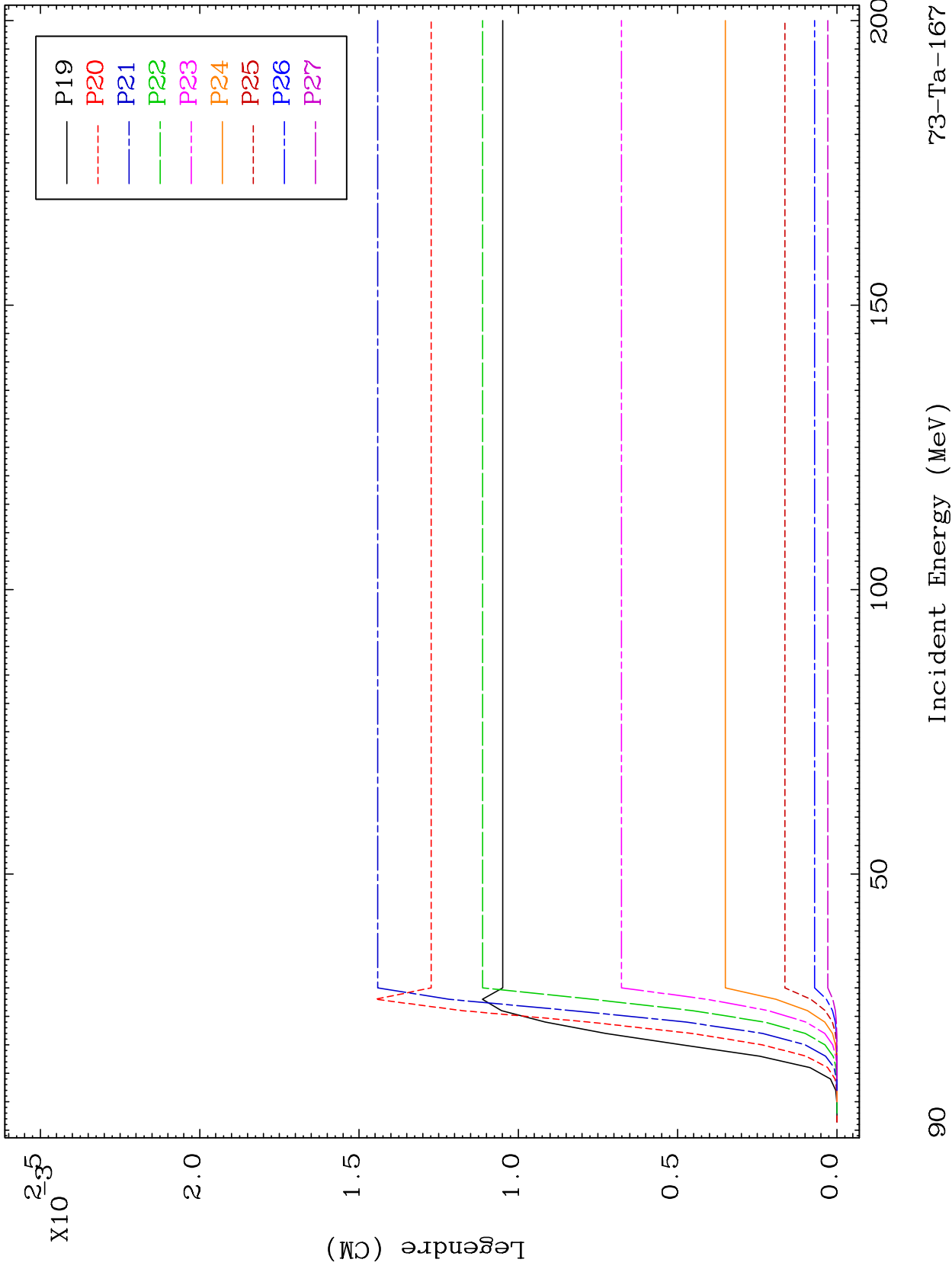
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

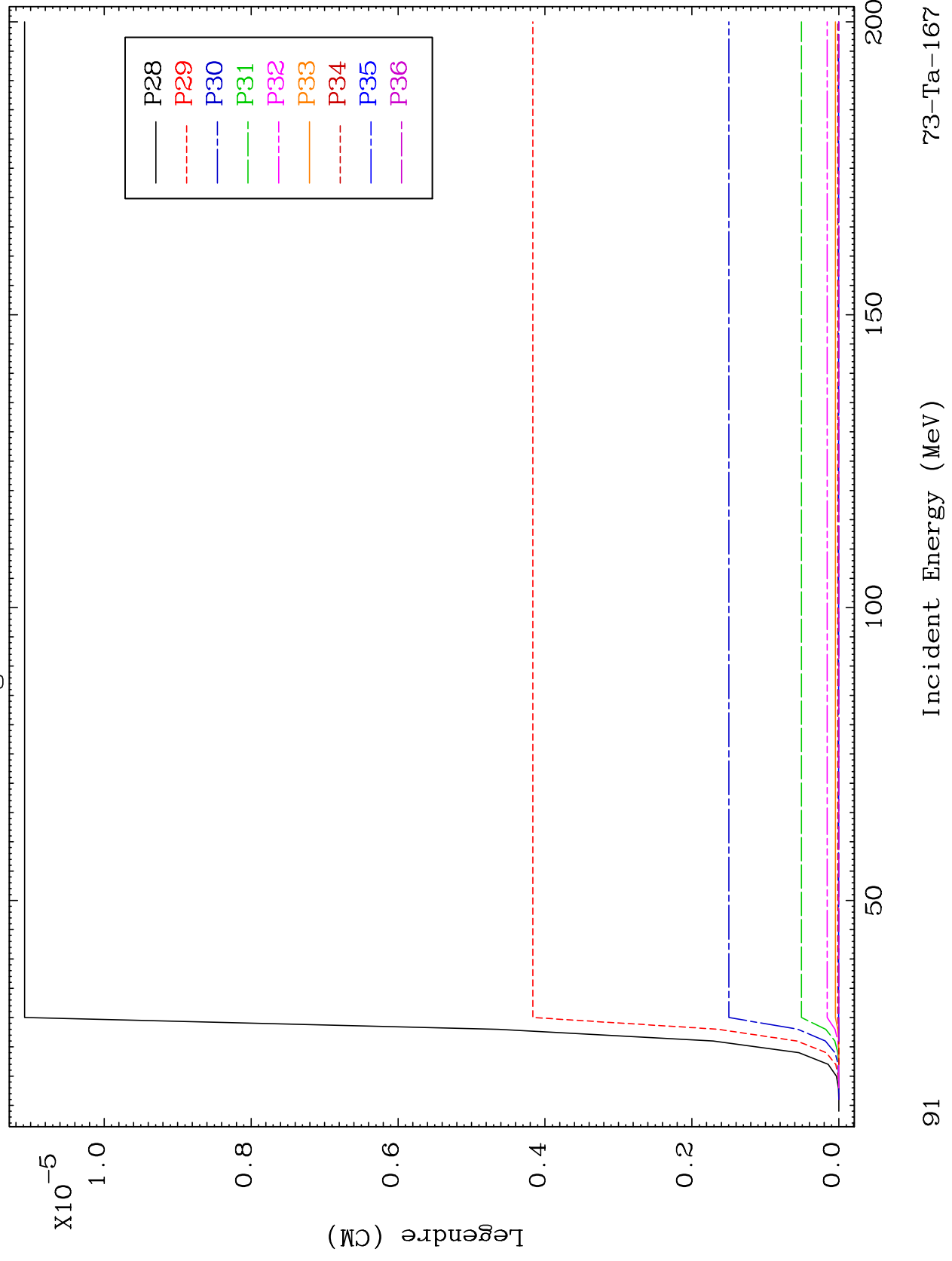
73-Ta-167



MAT 7286

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

73-Ta-167



73-Ta-167

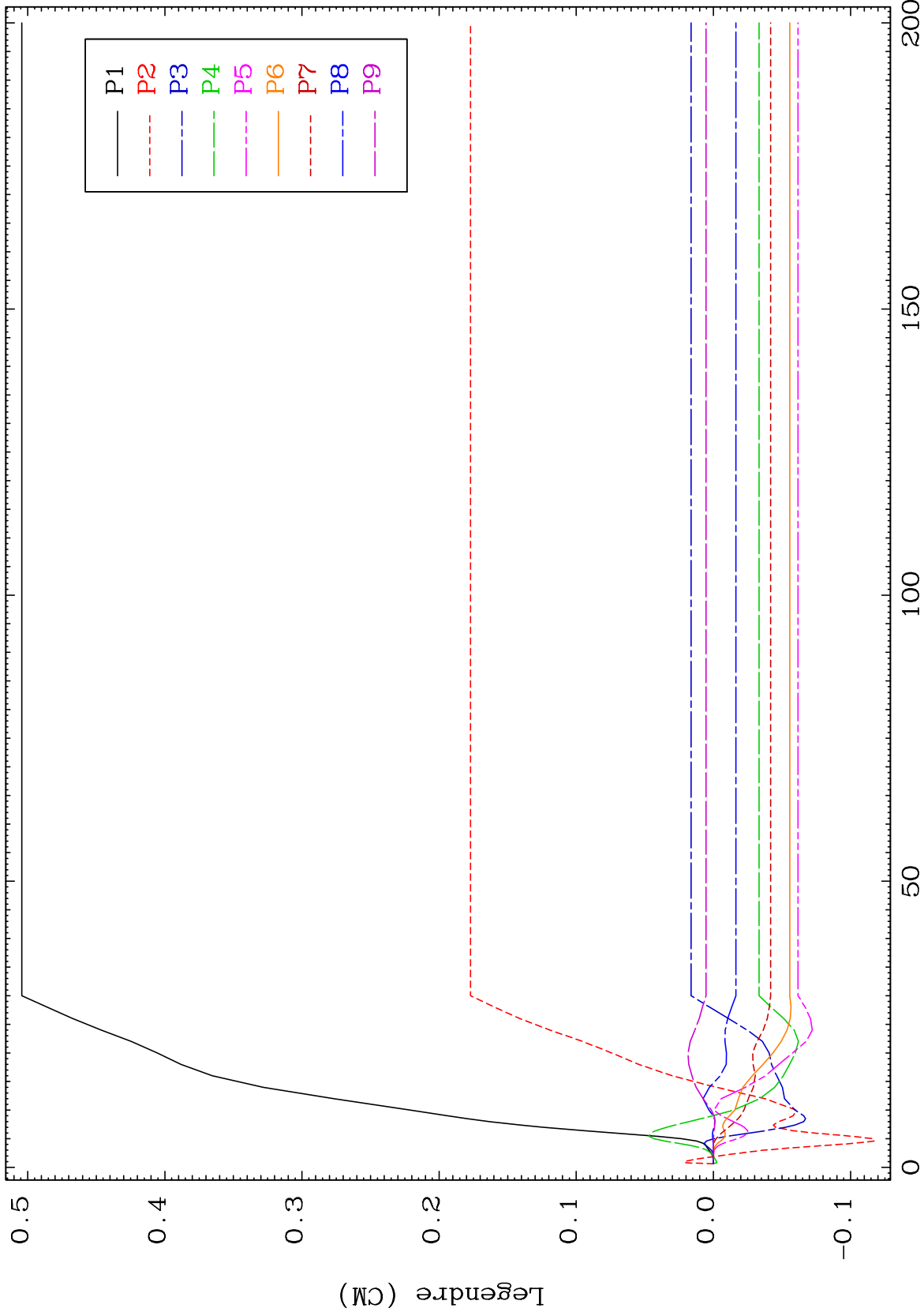
Incident Energy (MeV)

91

MAT 7286

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

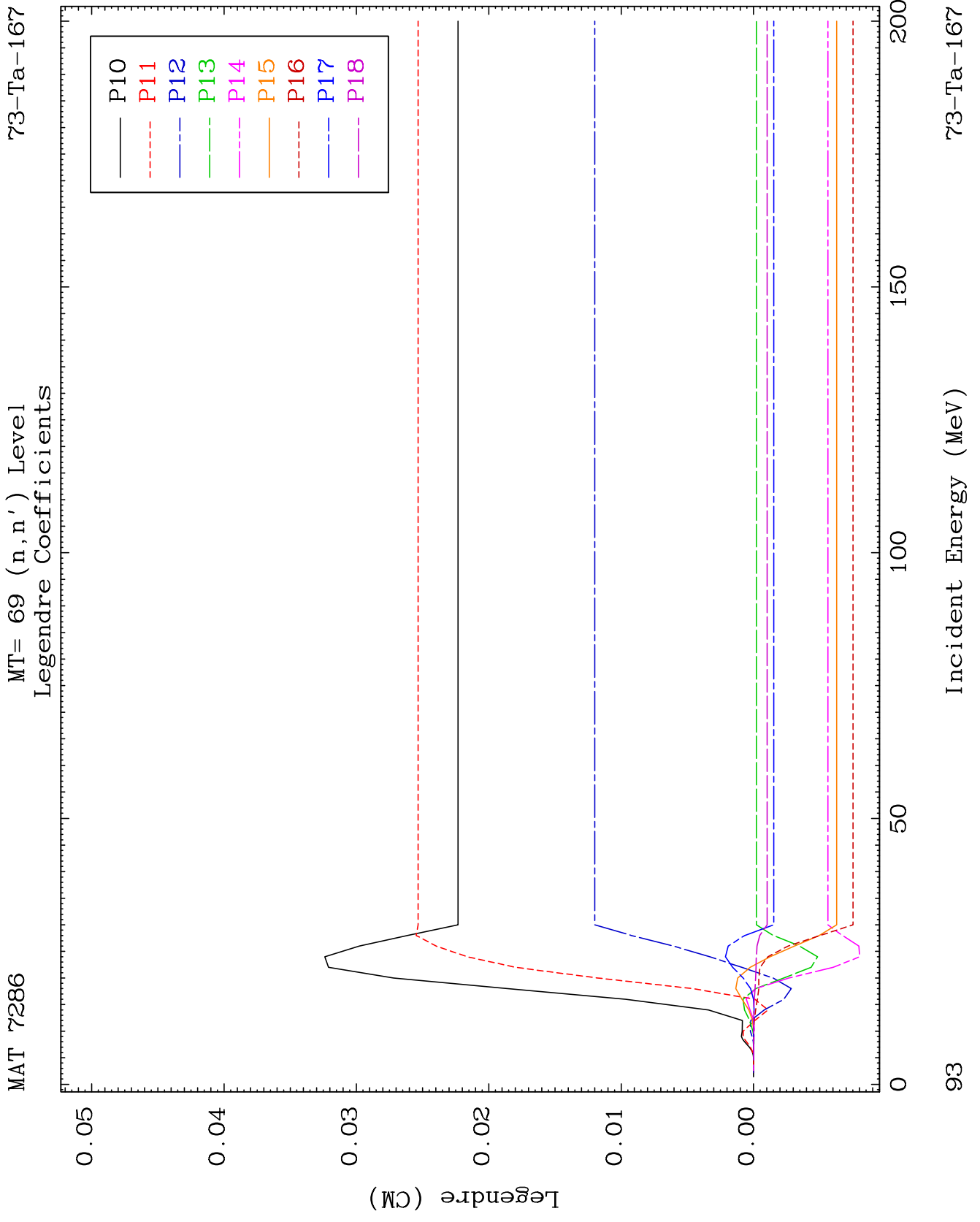
73-Ta-167



92

Incident Energy (MeV)

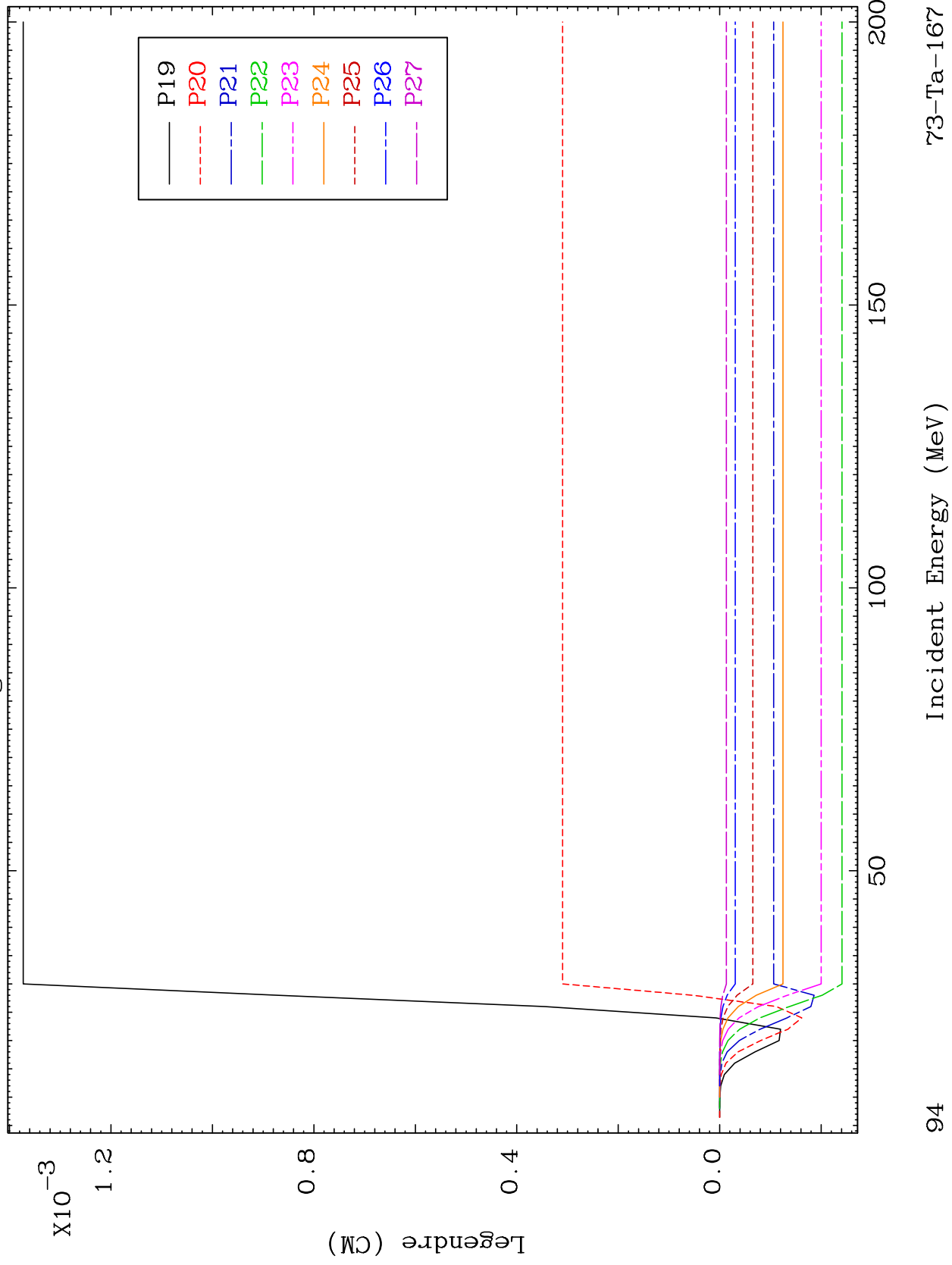
73-Ta-167



MAT 7286

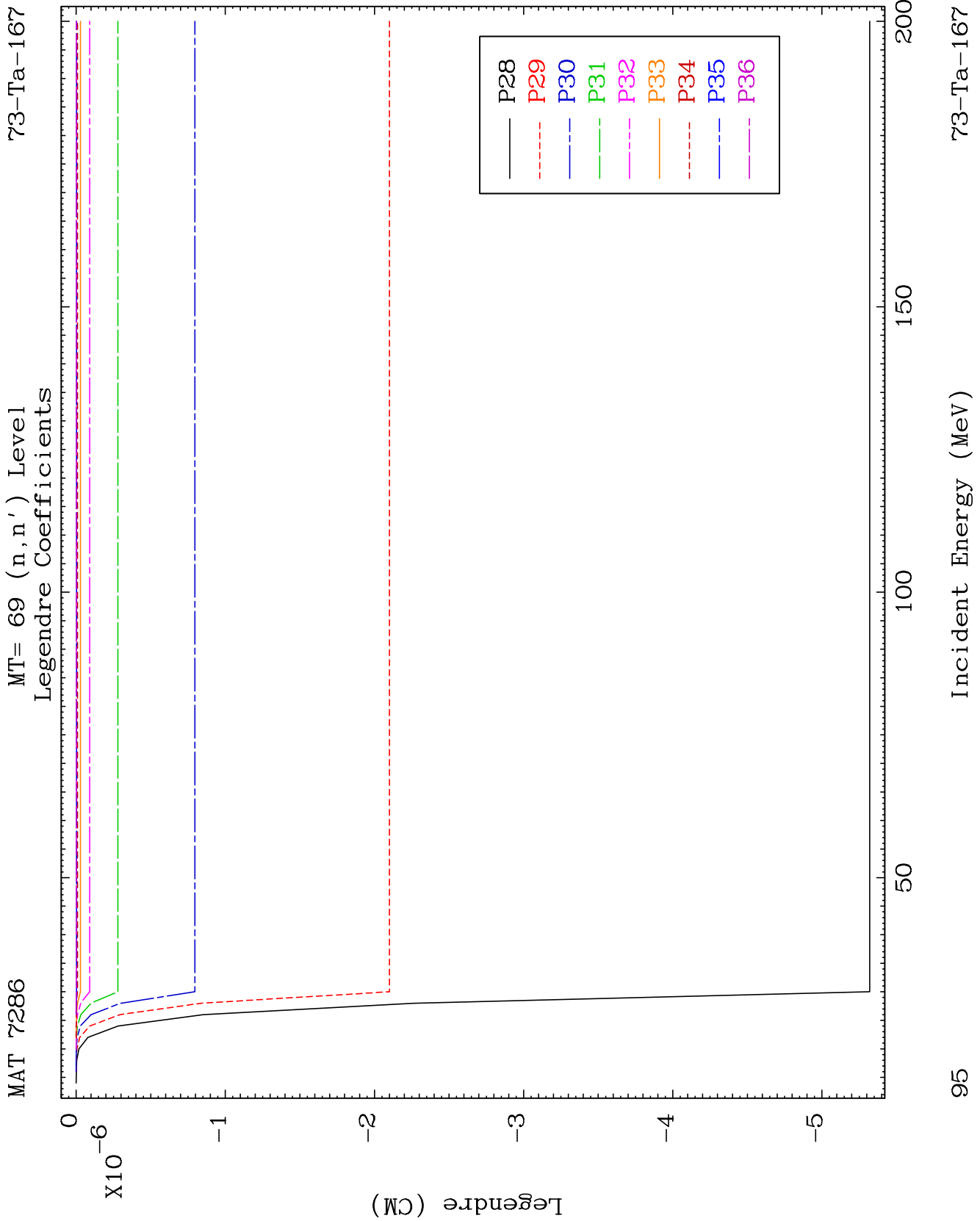
MT= 69 (n,n') Level  
Legendre Coefficients

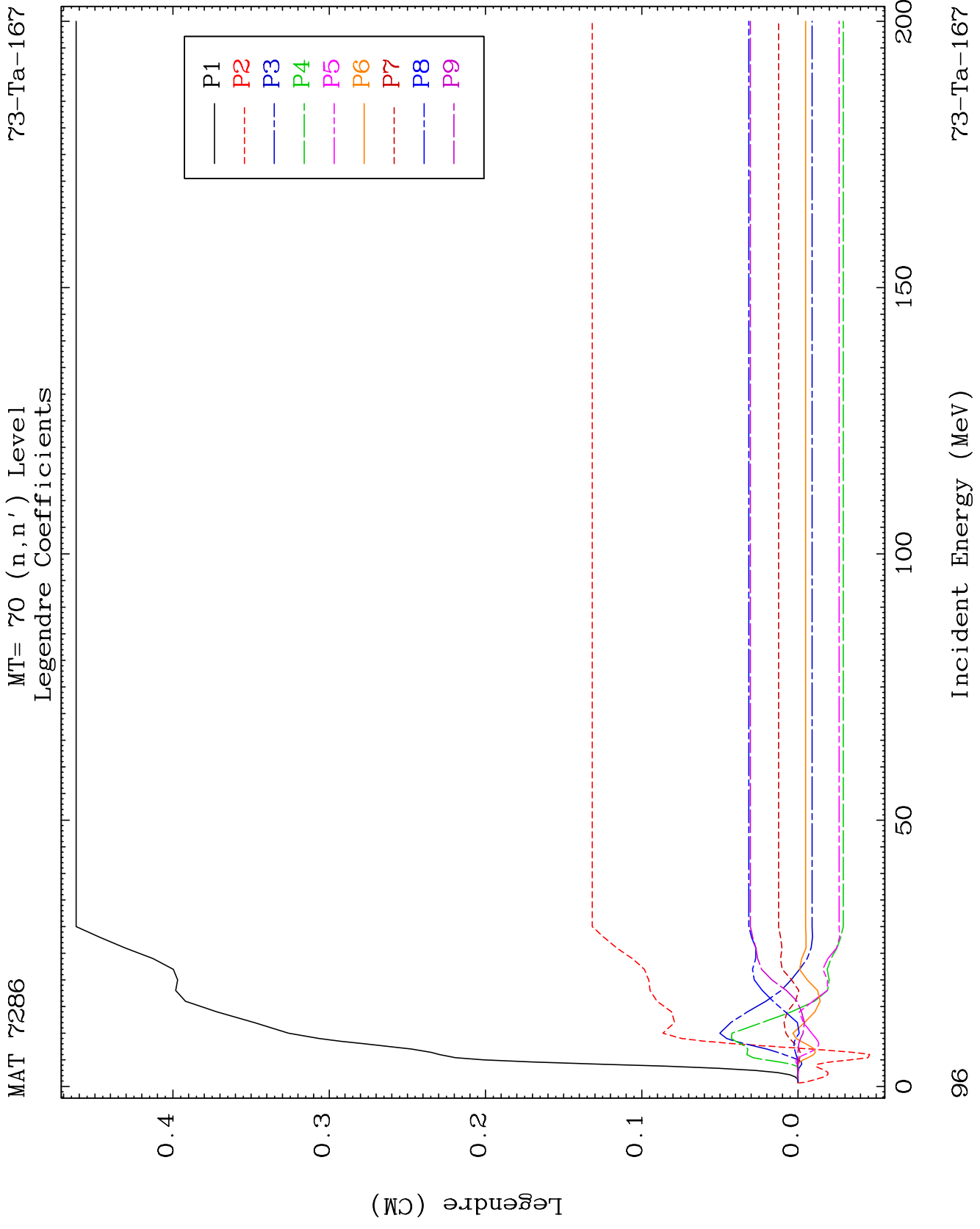
73-Ta-167



94

73-Ta-167

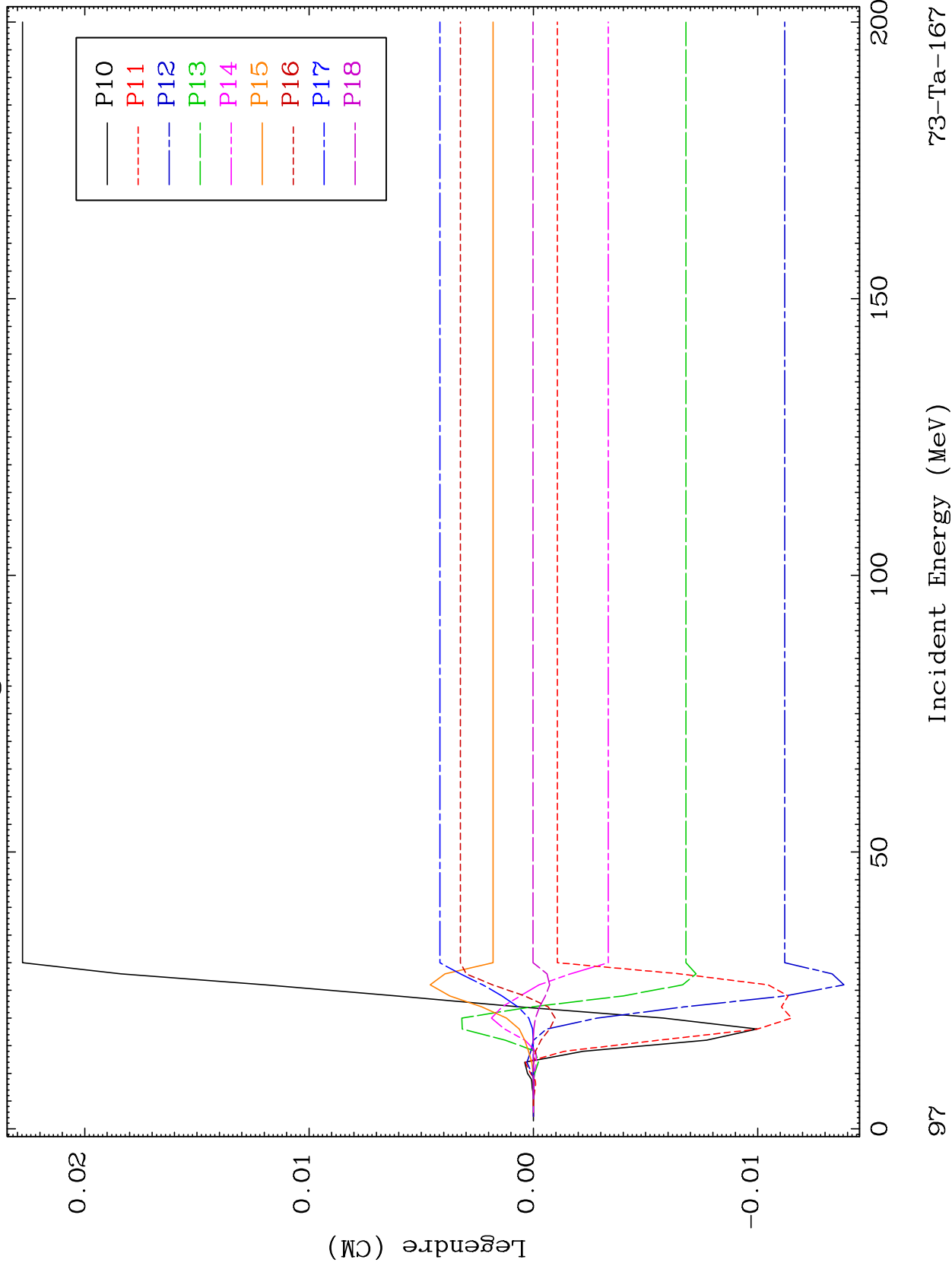




MAT 7286

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

73-Ta-167



73-Ta-167

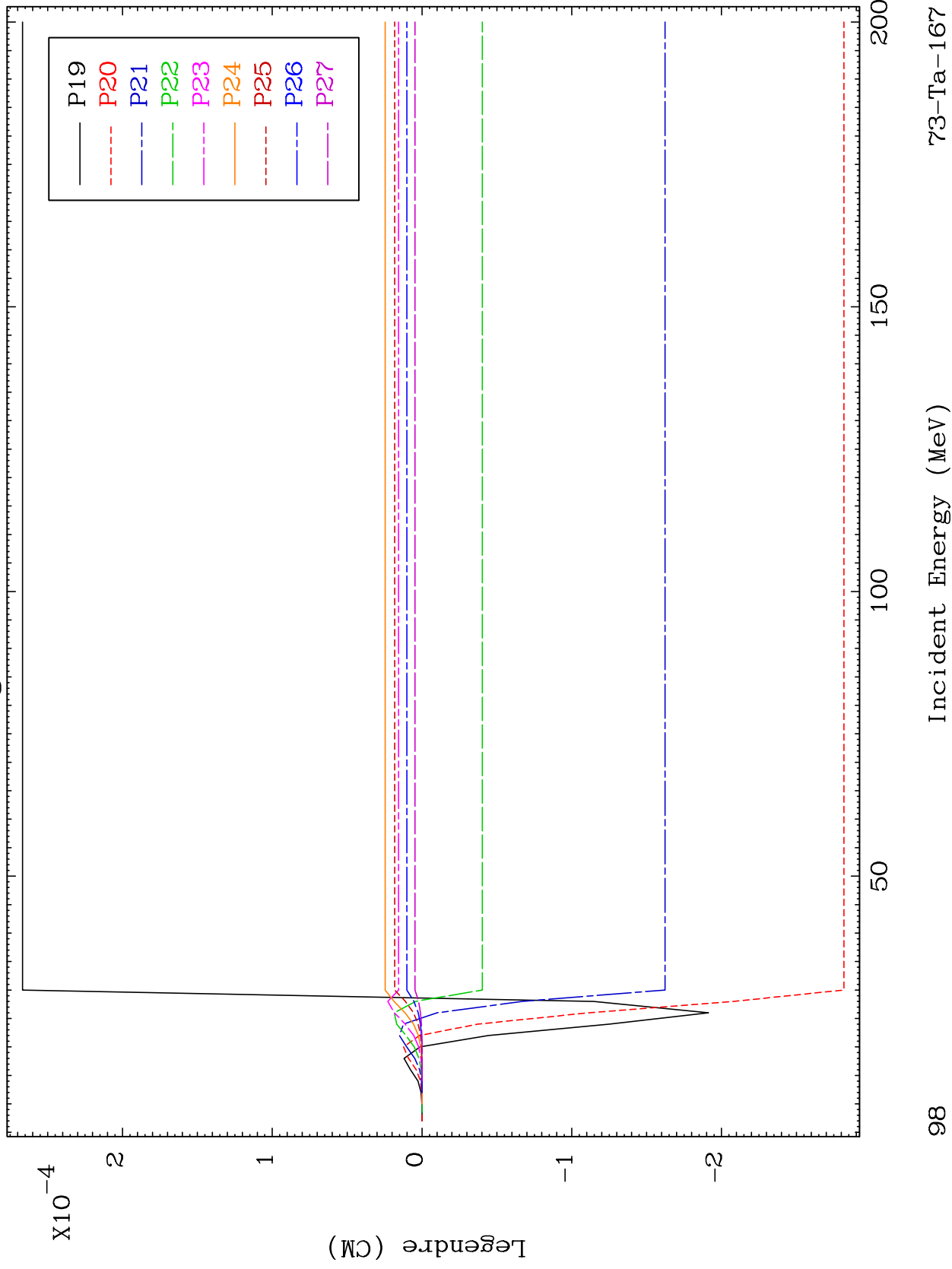
Incident Energy (MeV)

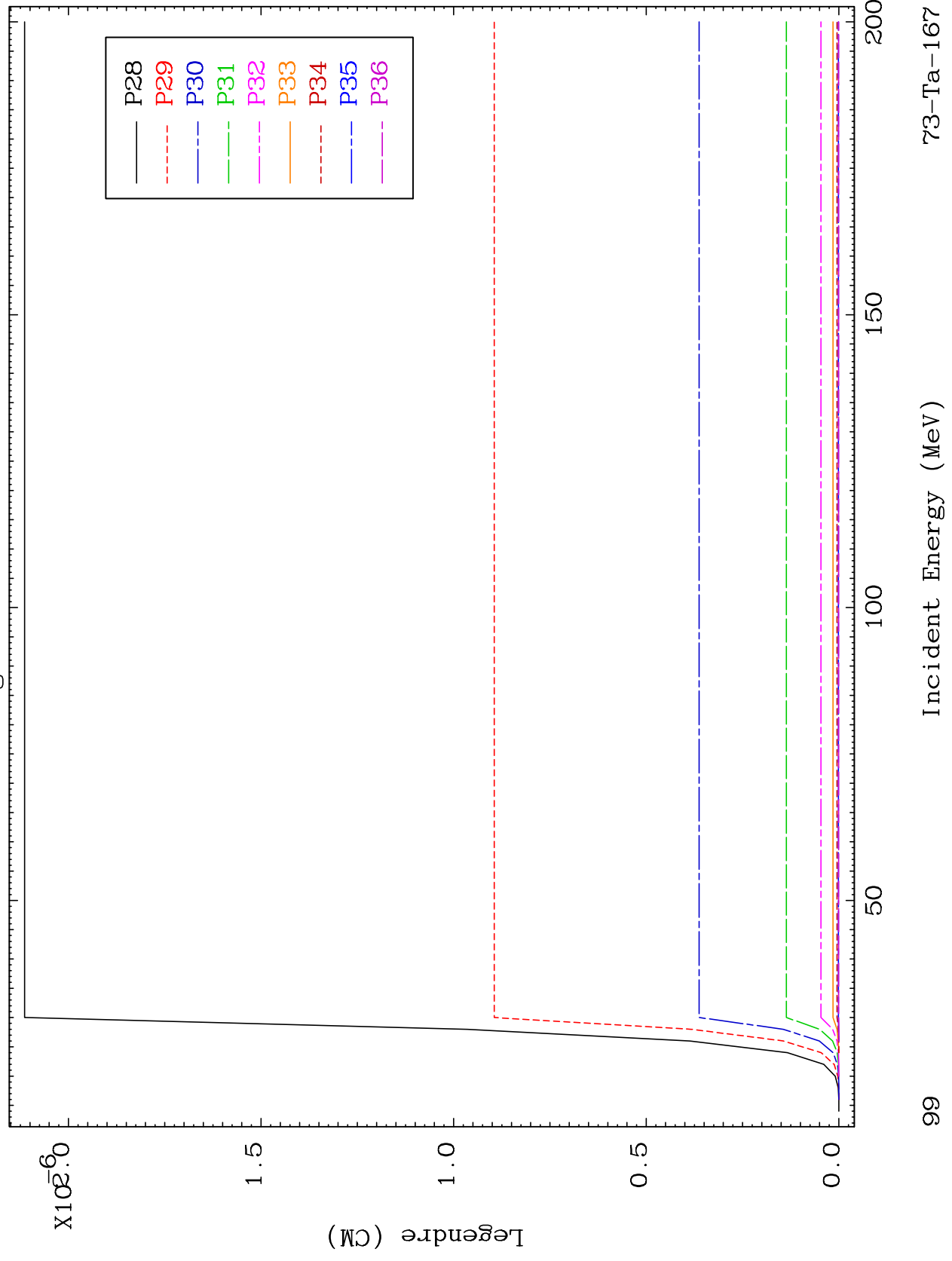
97

MAT 7286

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

73-Ta-167

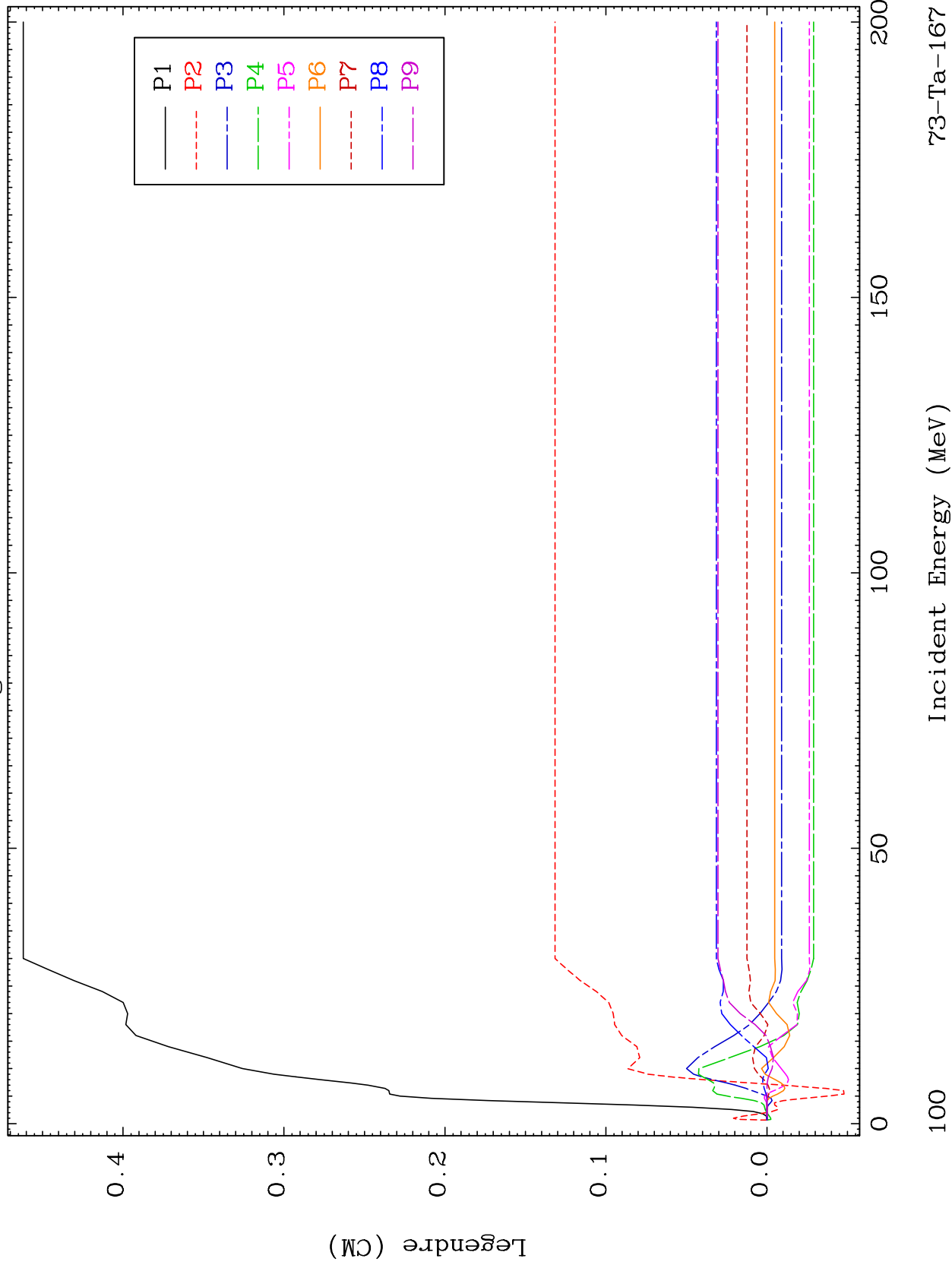




MAT 7286

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

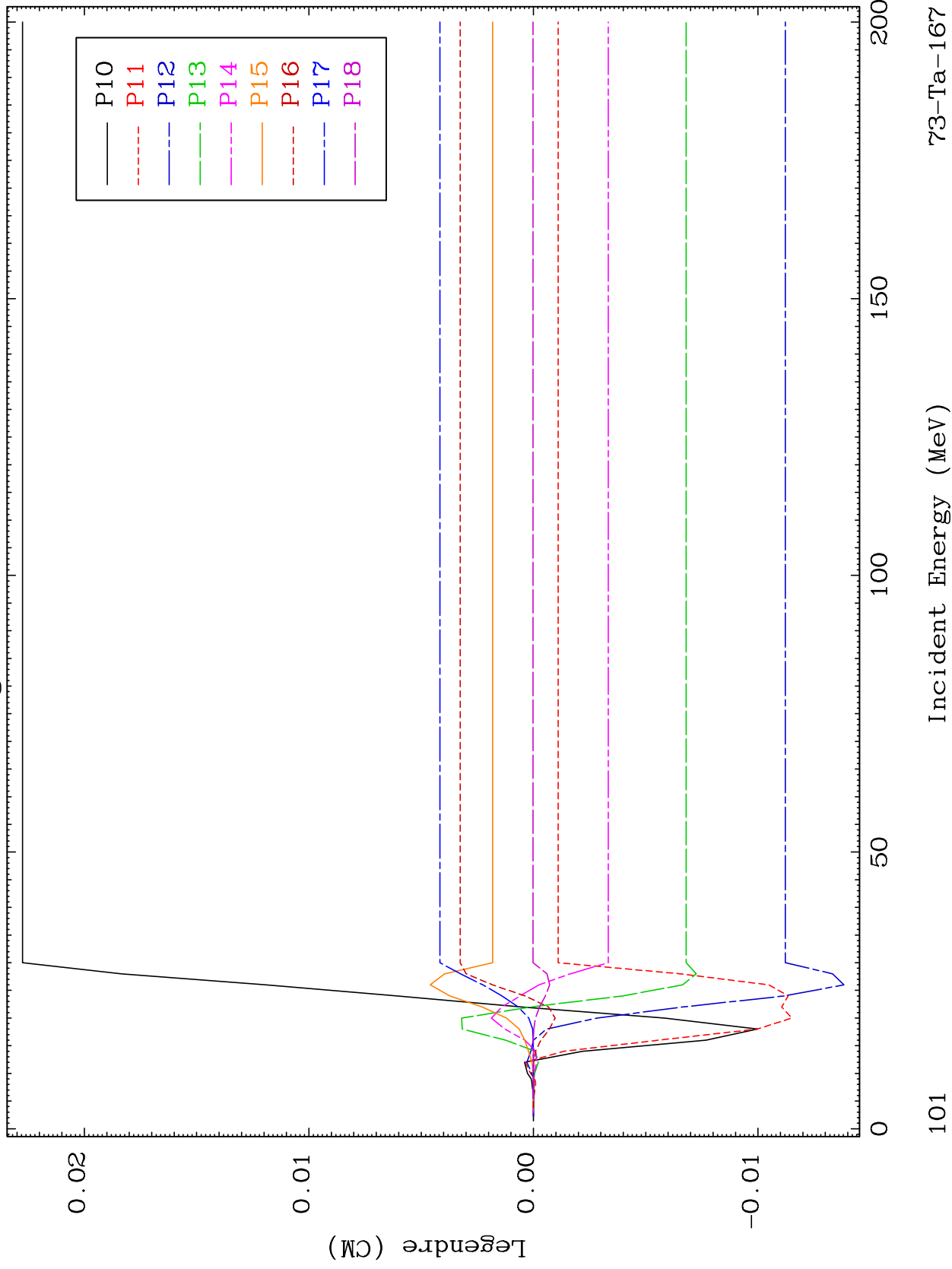
73-Ta-167



MAT 7286

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

73-Ta-167



73-Ta-167

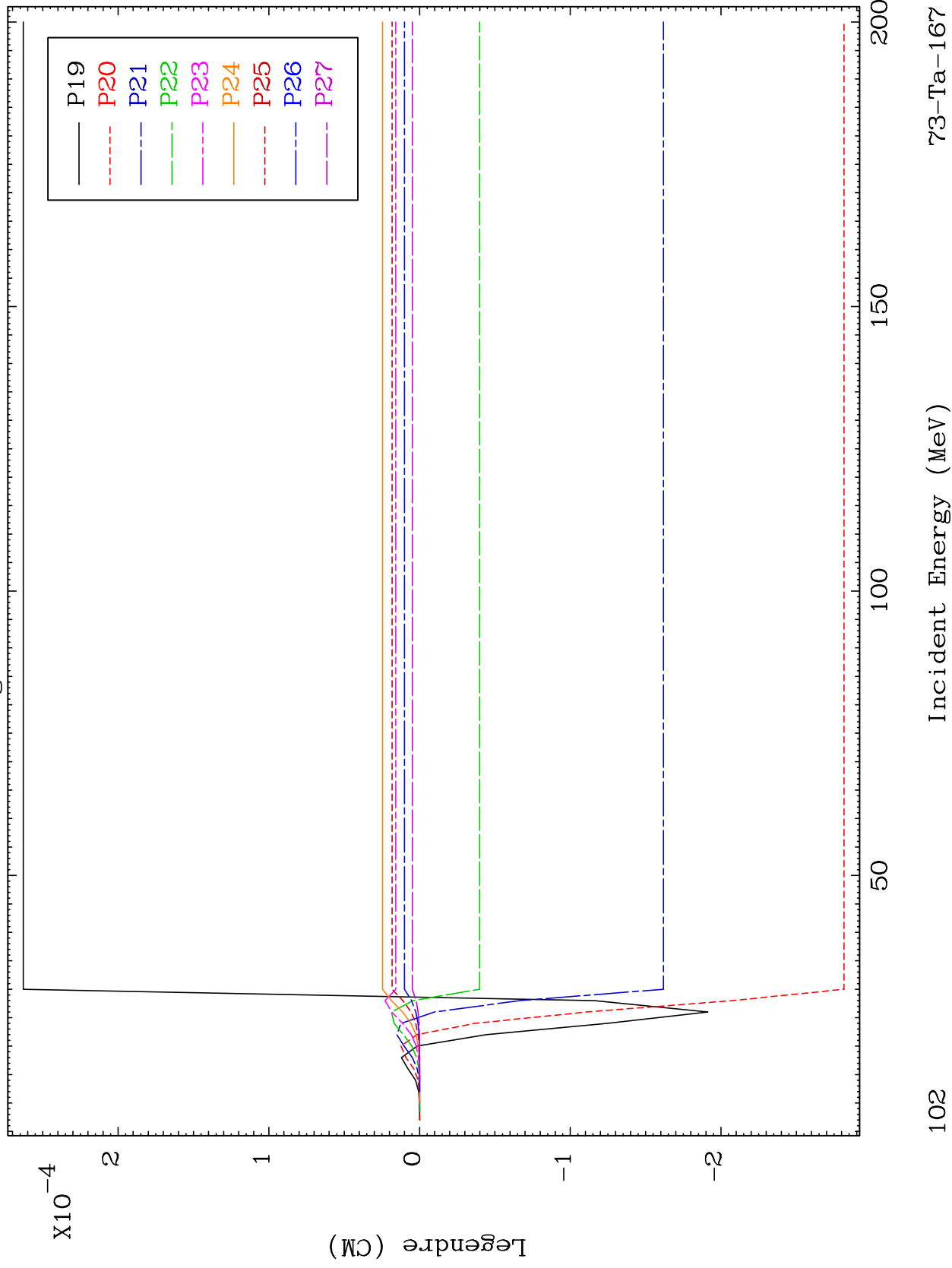
Incident Energy (MeV)

101

MAT 7286

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

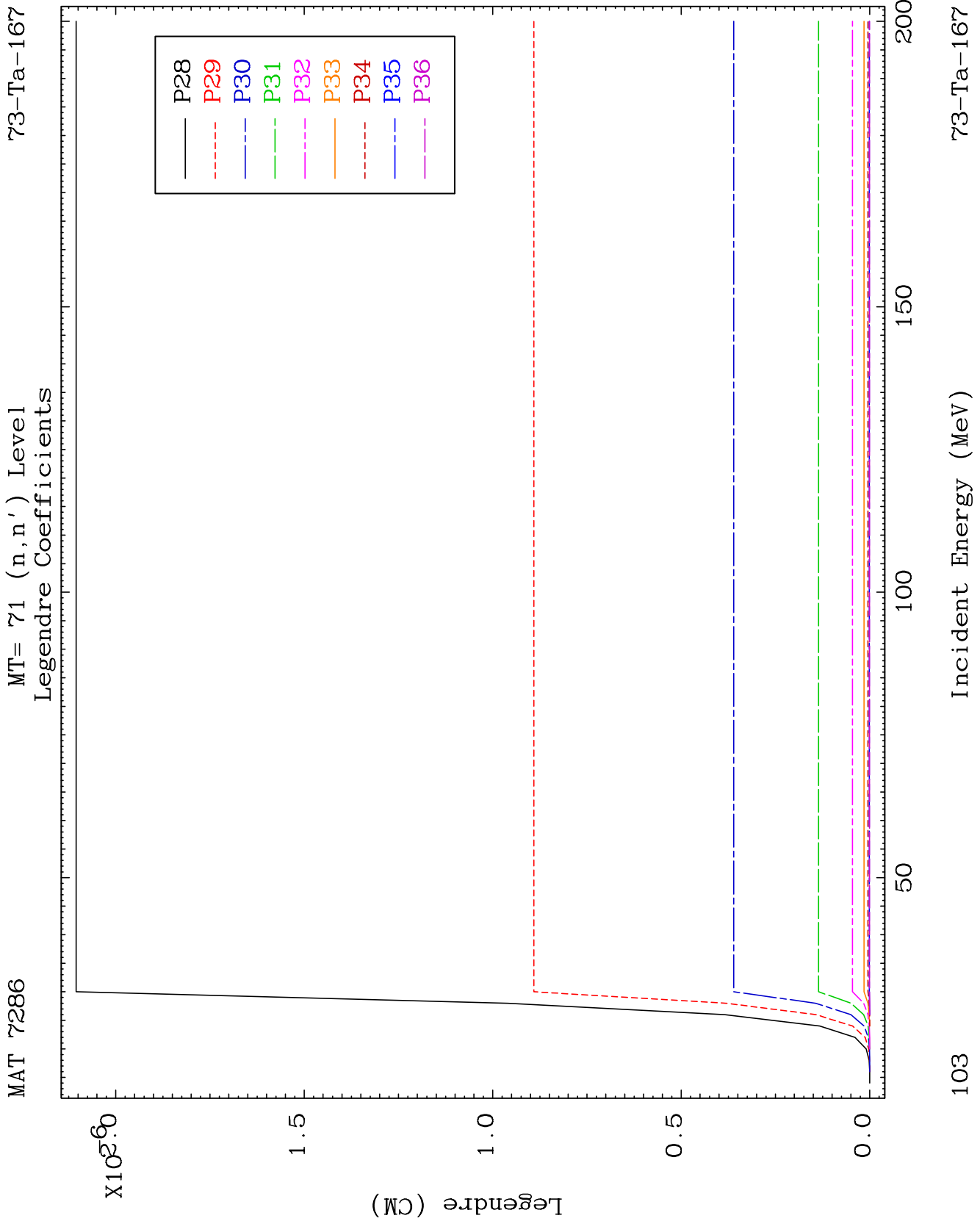
73-Ta-167

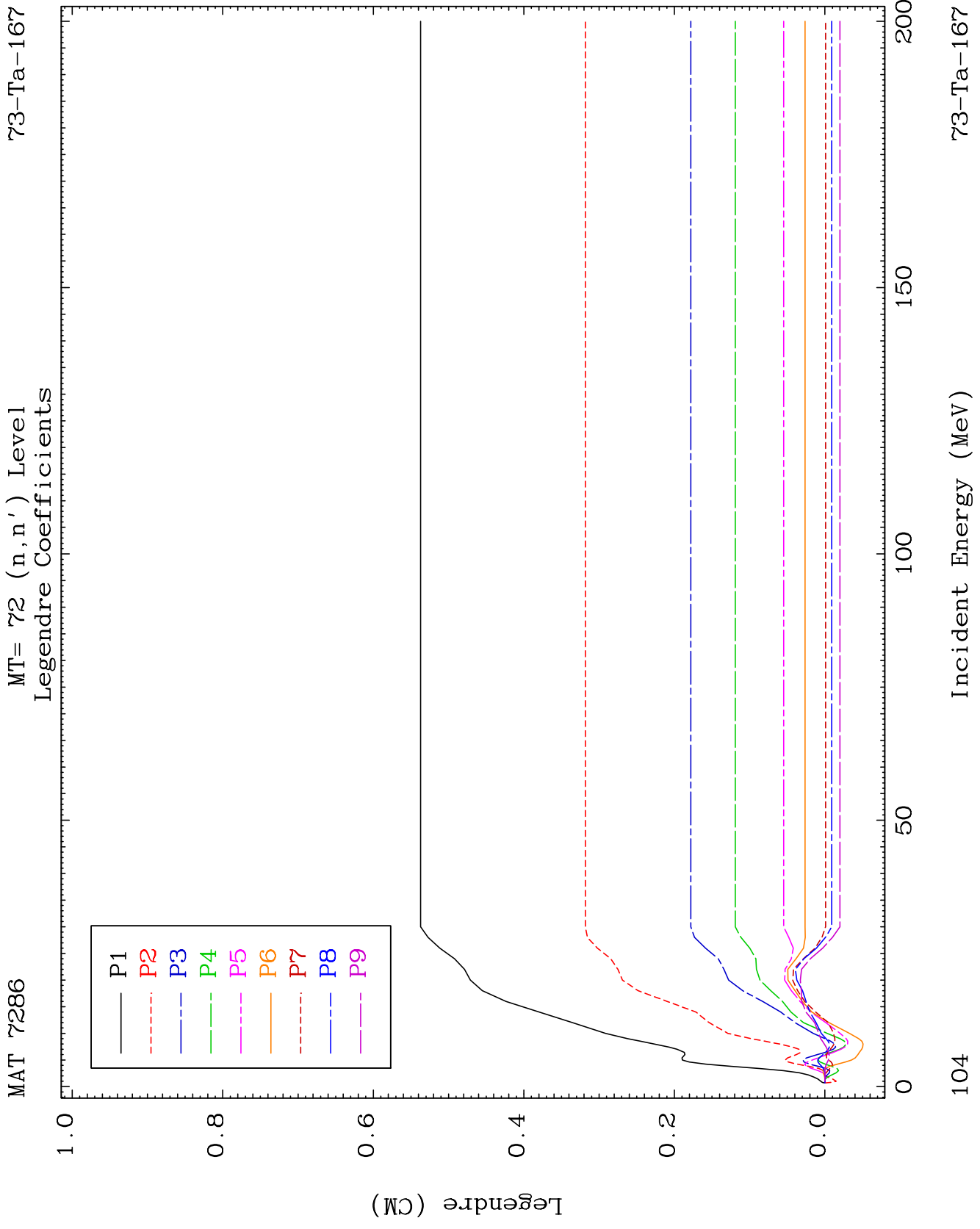


102

Incident Energy (MeV)

73-Ta-167

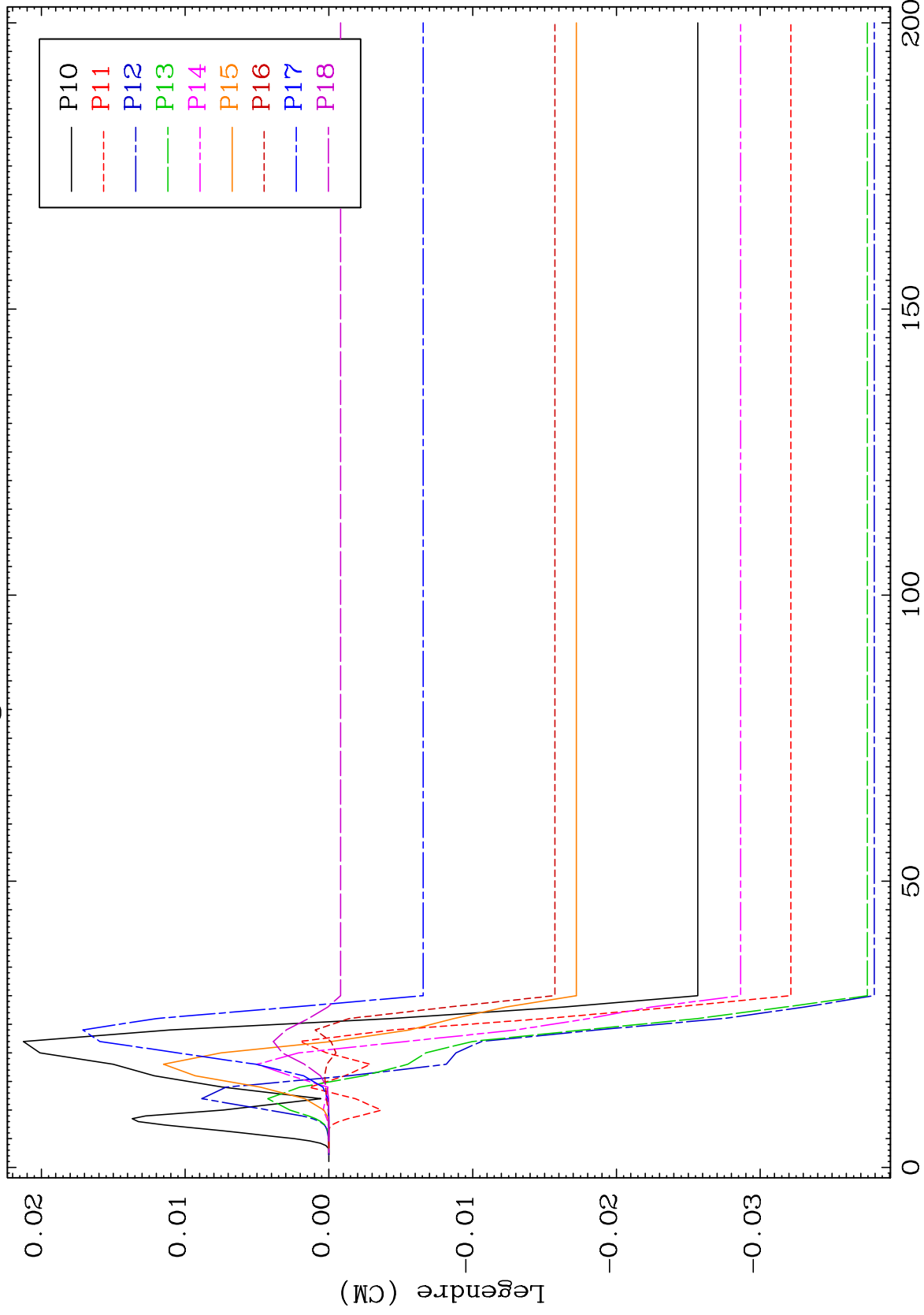




MAT 7286

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

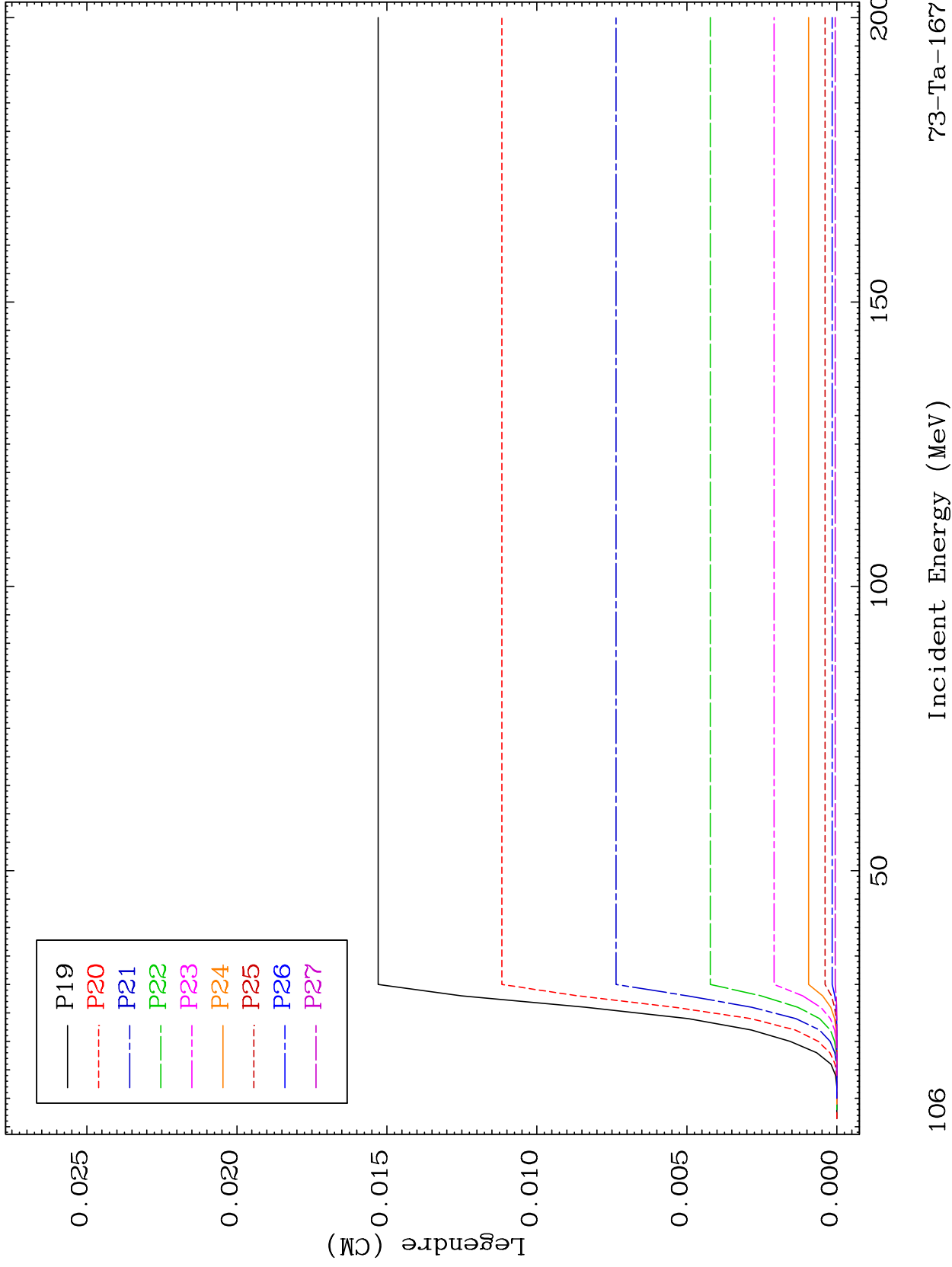
73-Ta-167



105

Incident Energy (MeV)

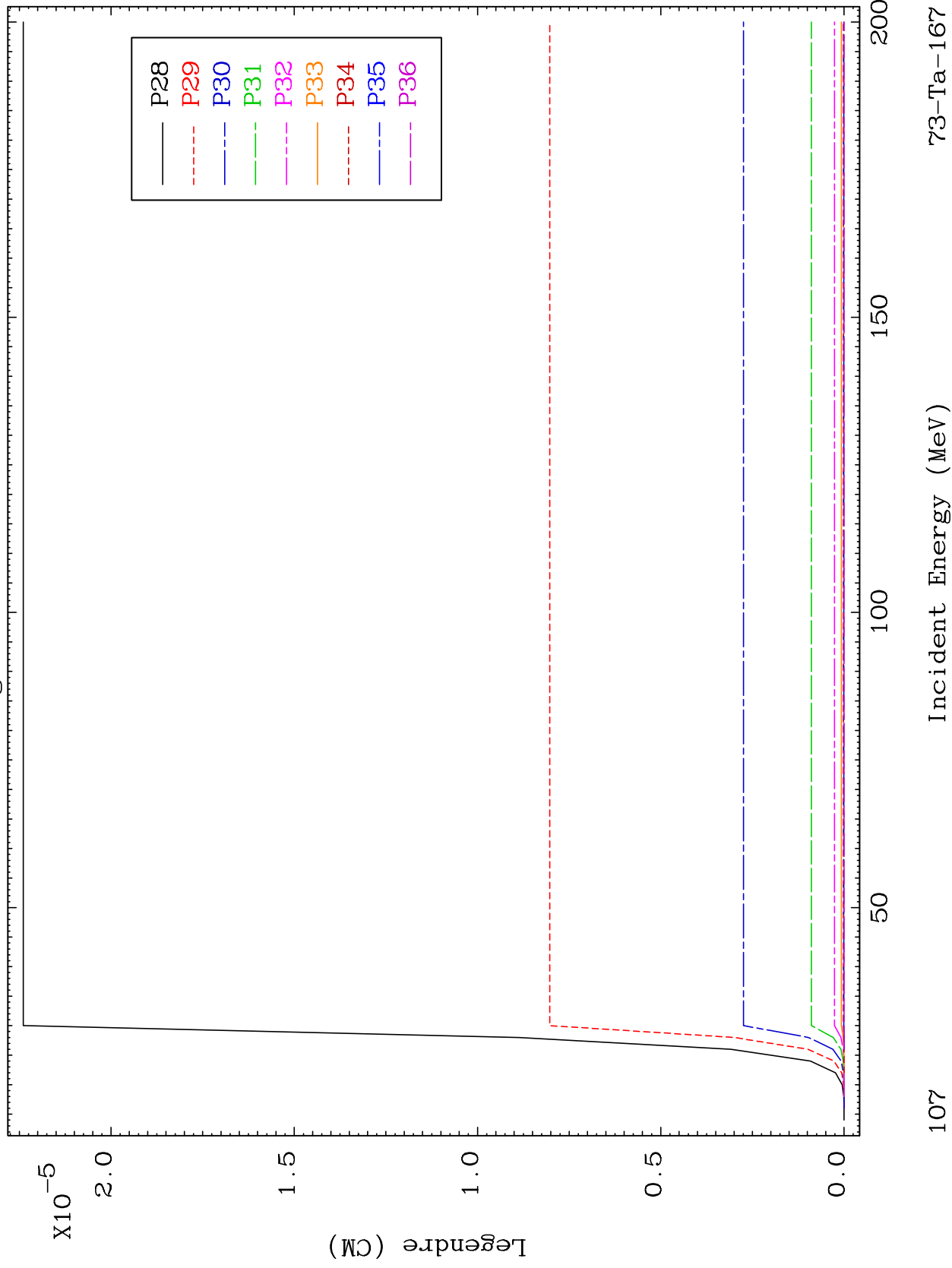
73-Ta-167



MAT 7286

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

73-Ta-167



107

Incident Energy (MeV)

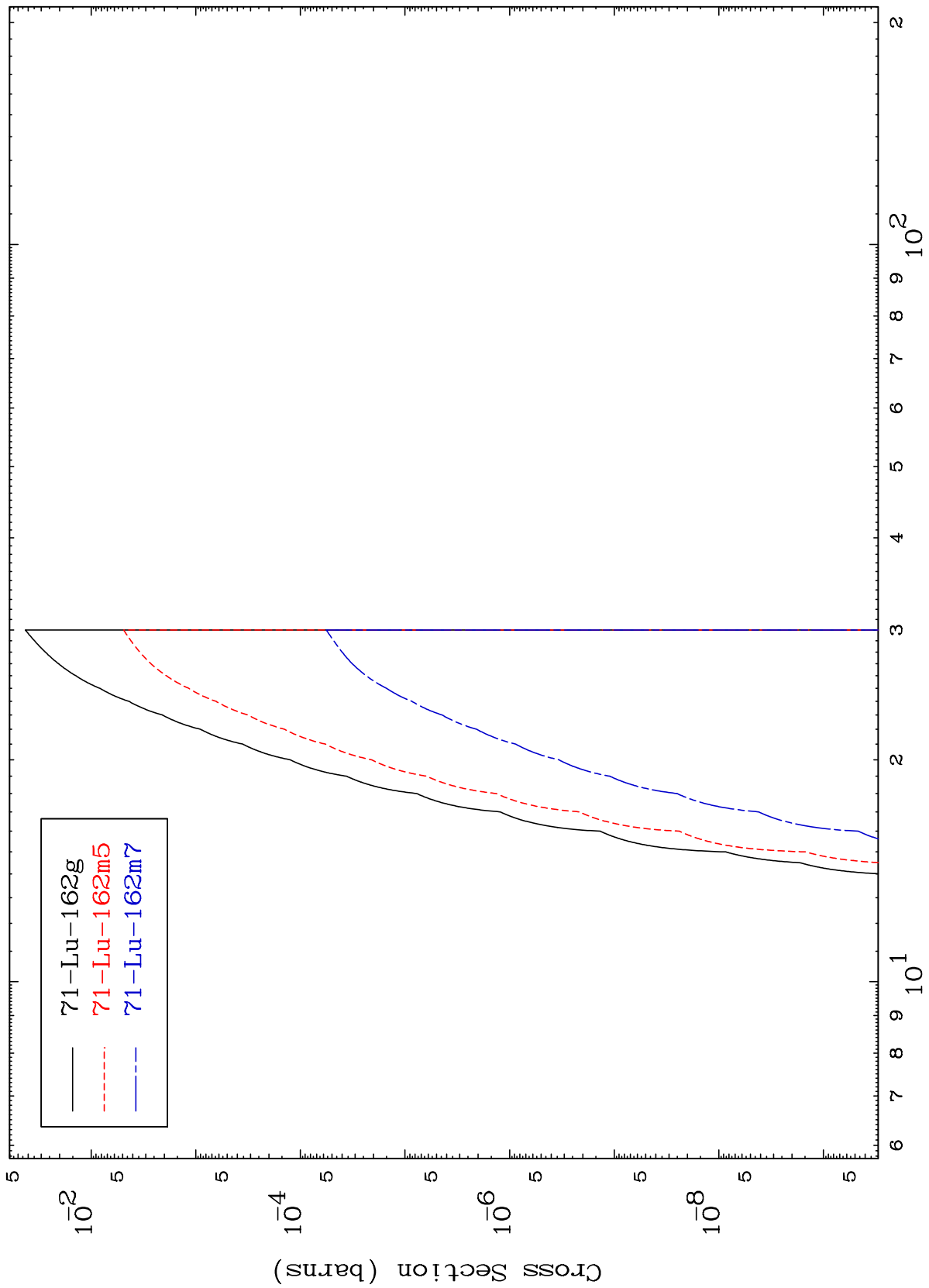
73-Ta-167

MAT 7286

$(n,2n) \alpha$

73-Ta-167

Radionuclide Production Cross Section



108

Incident Energy (MeV)

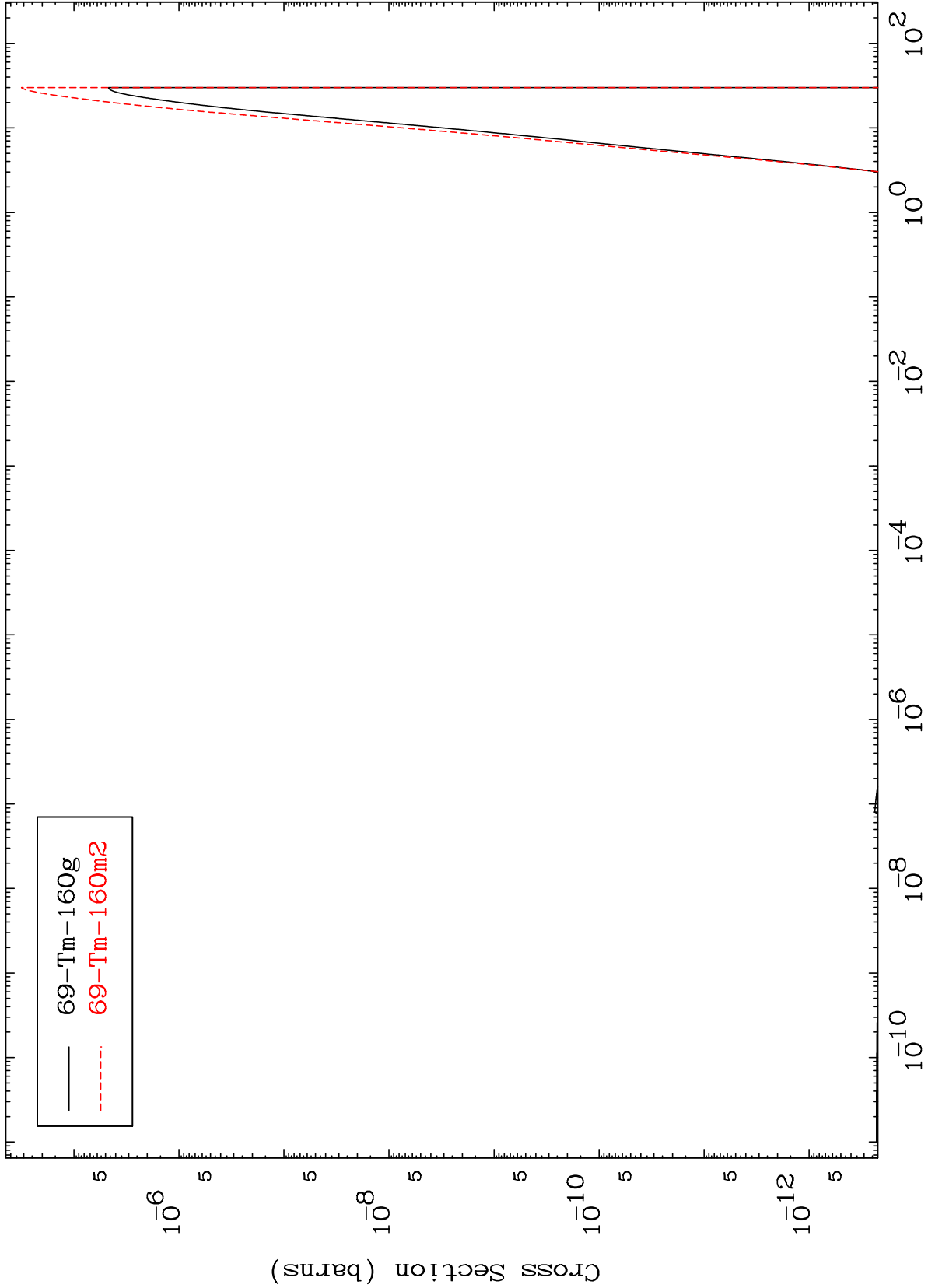
73-Ta-167

MAT 7286

(n,2α)

73-Ta-167

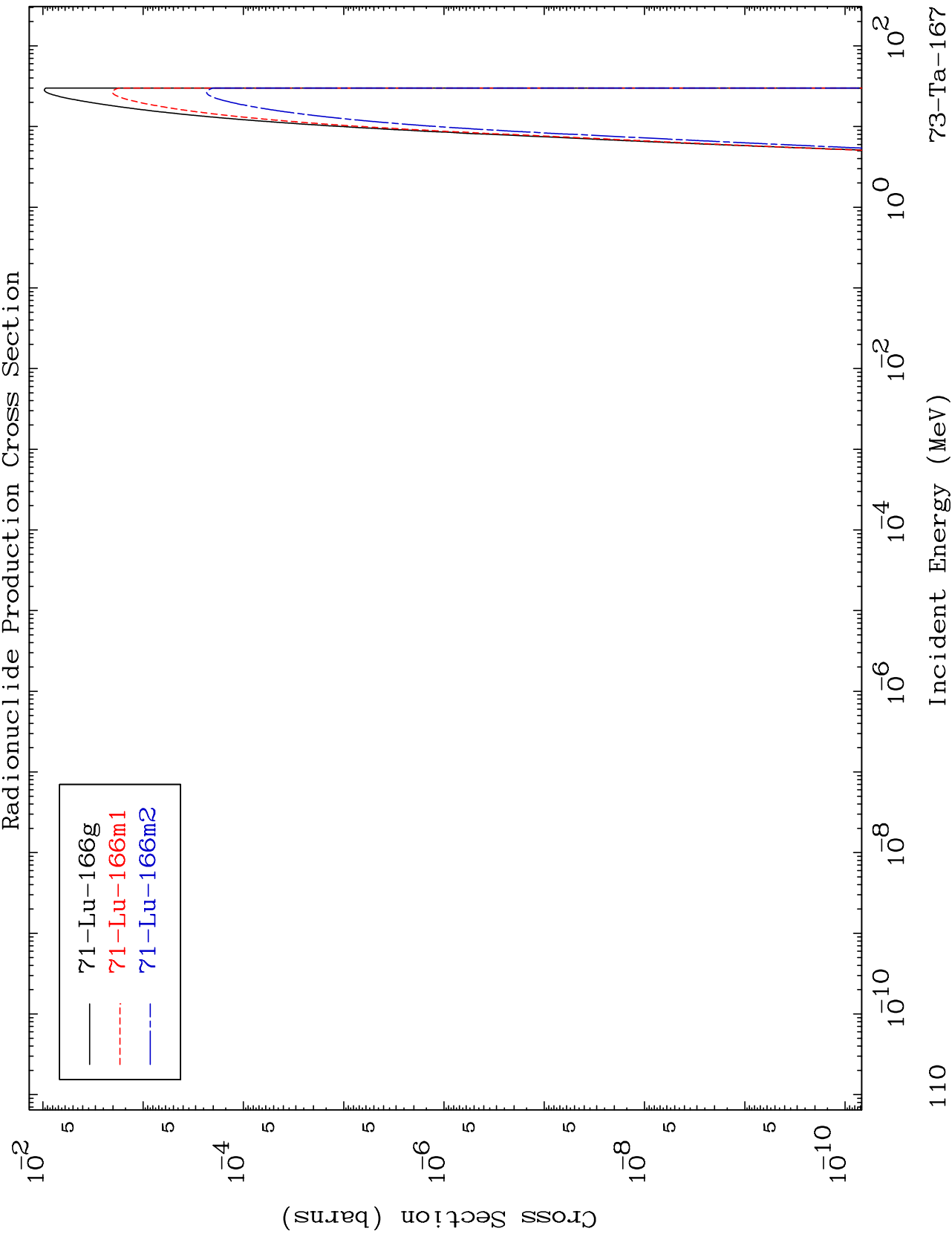
Radionuclide Production Cross Section



MAT 7286

73-Ta-167

(n,2p)  
Radionuclide Production Cross Section



110