

Program EVALPLOT  
(Version 2021-1)

by

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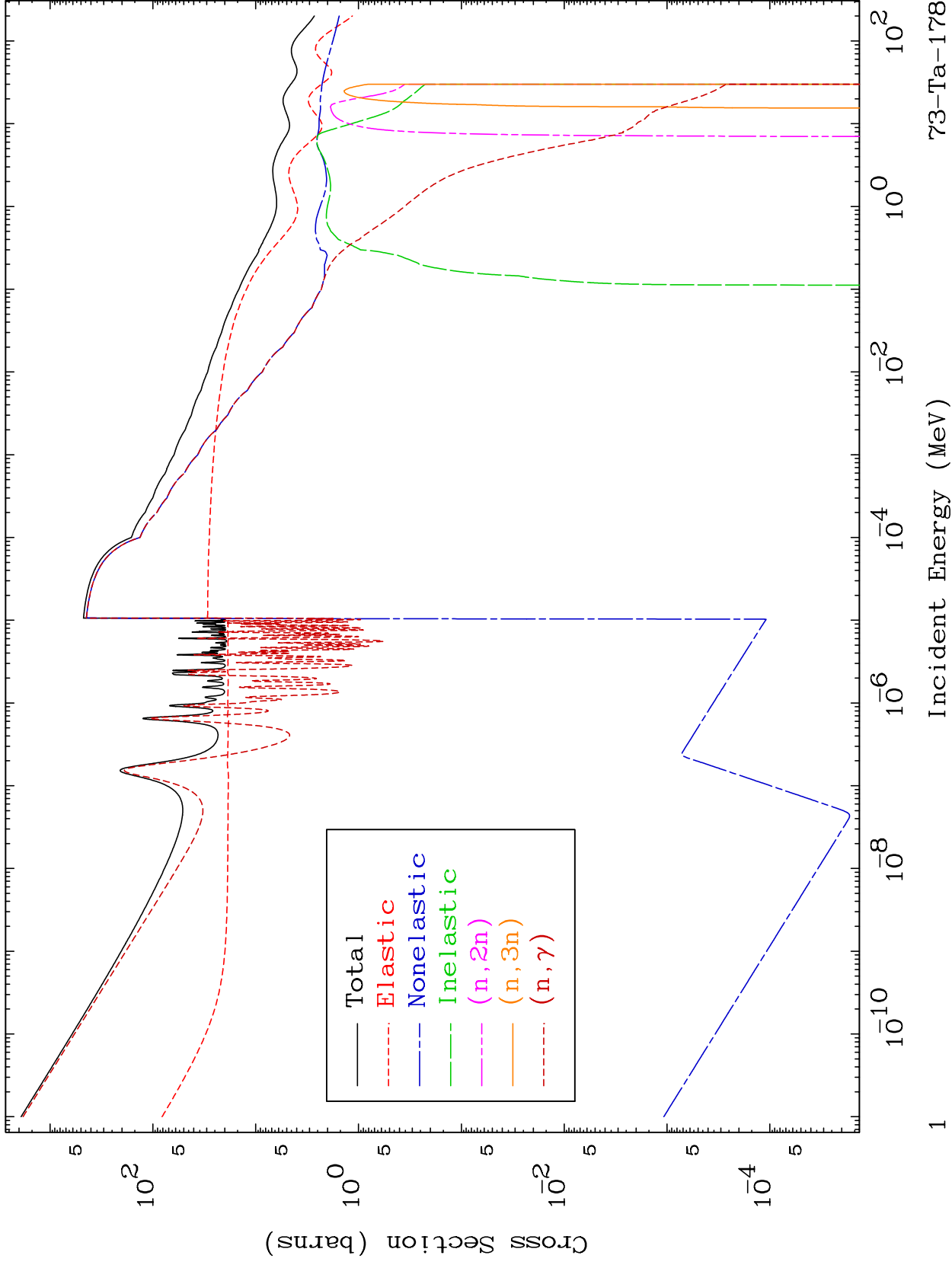
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Press Mouse Button to Start

MAT 7319

Neutron Major  
293 Kelvin Cross Sections

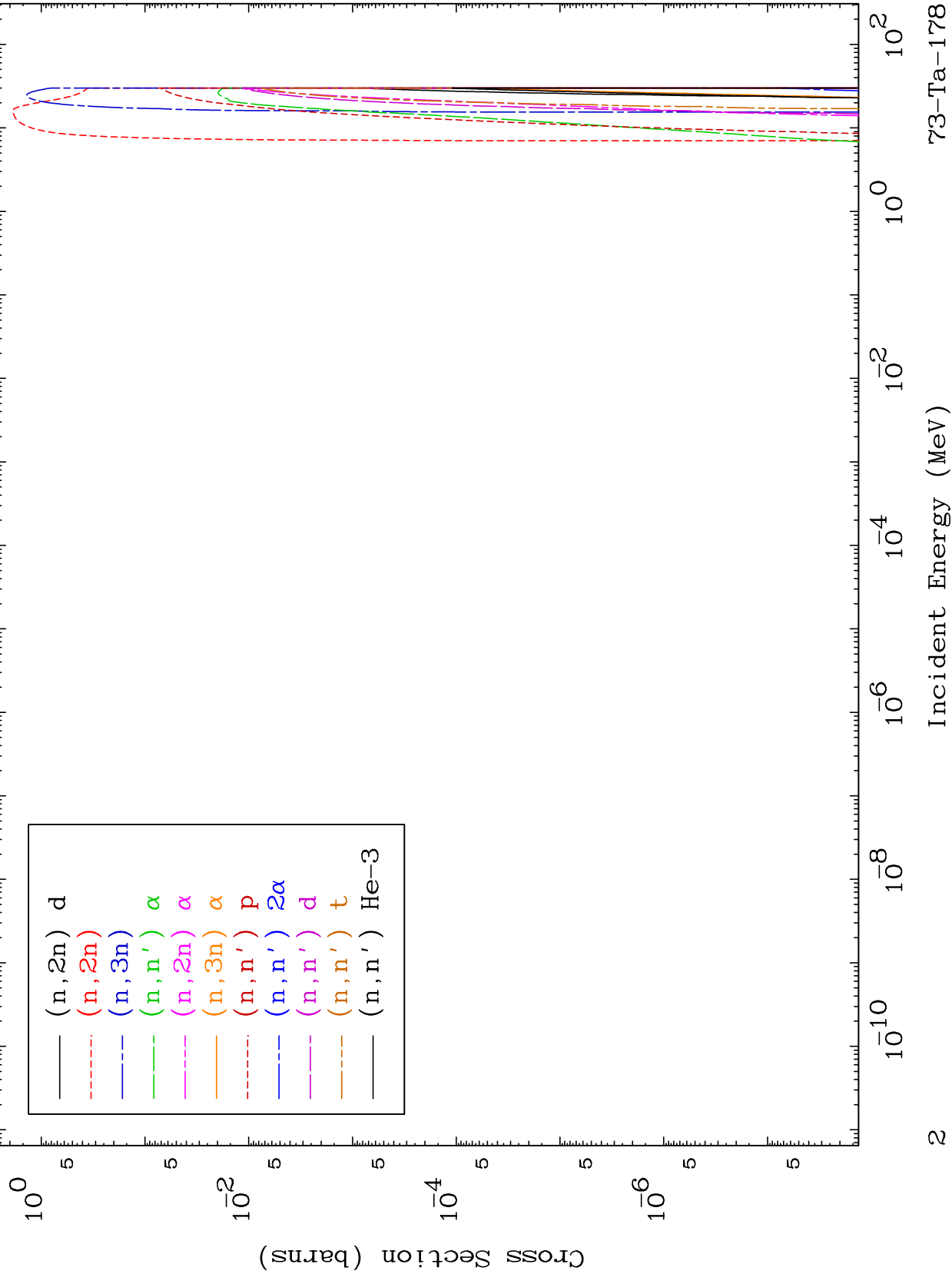
73-Ta-178



MAT 7319

Neutron Absorption  
293 Kelvin Cross Sections

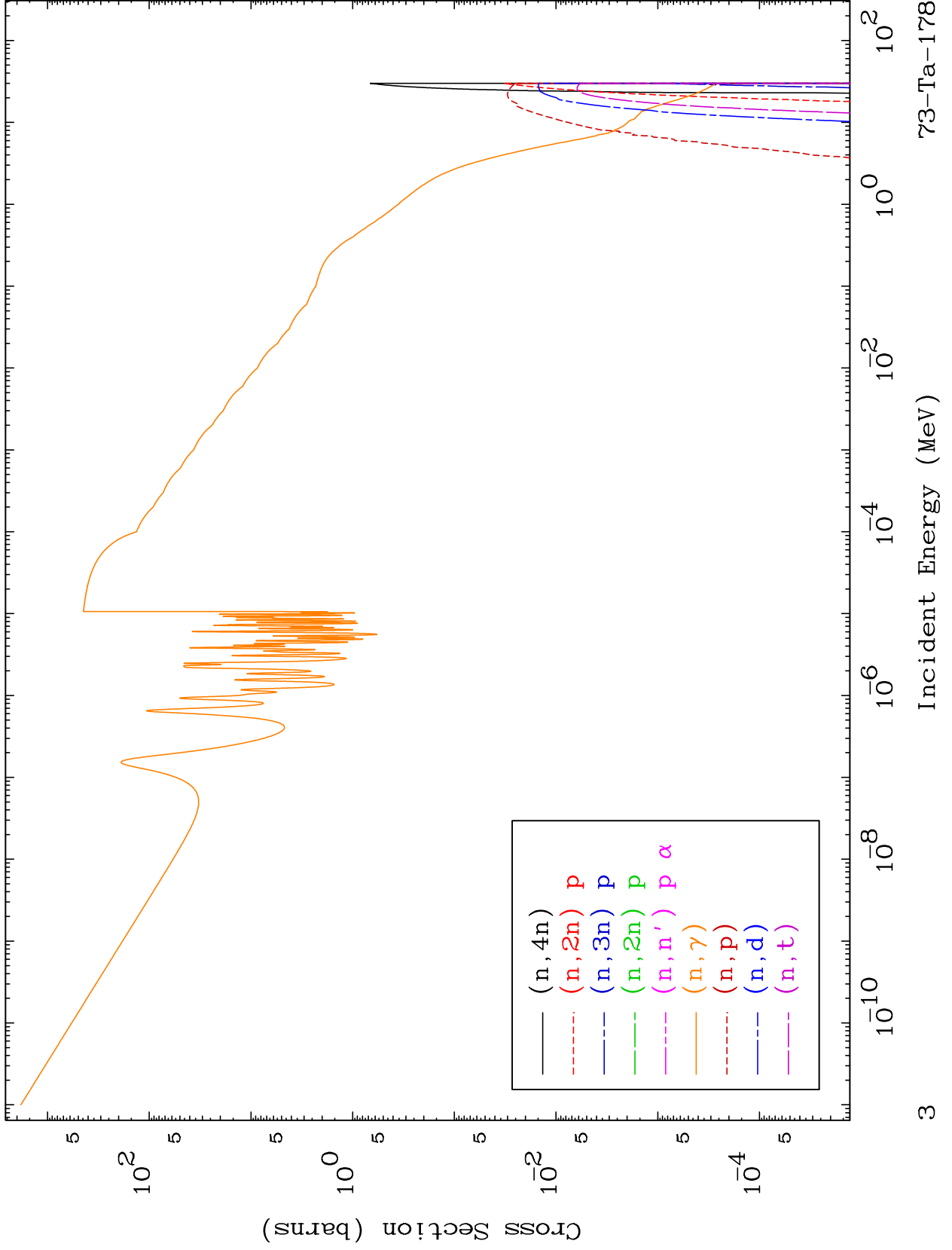
73-Ta-178



MAT 7319

Neutron Absorption  
293 Kelvin Cross Sections

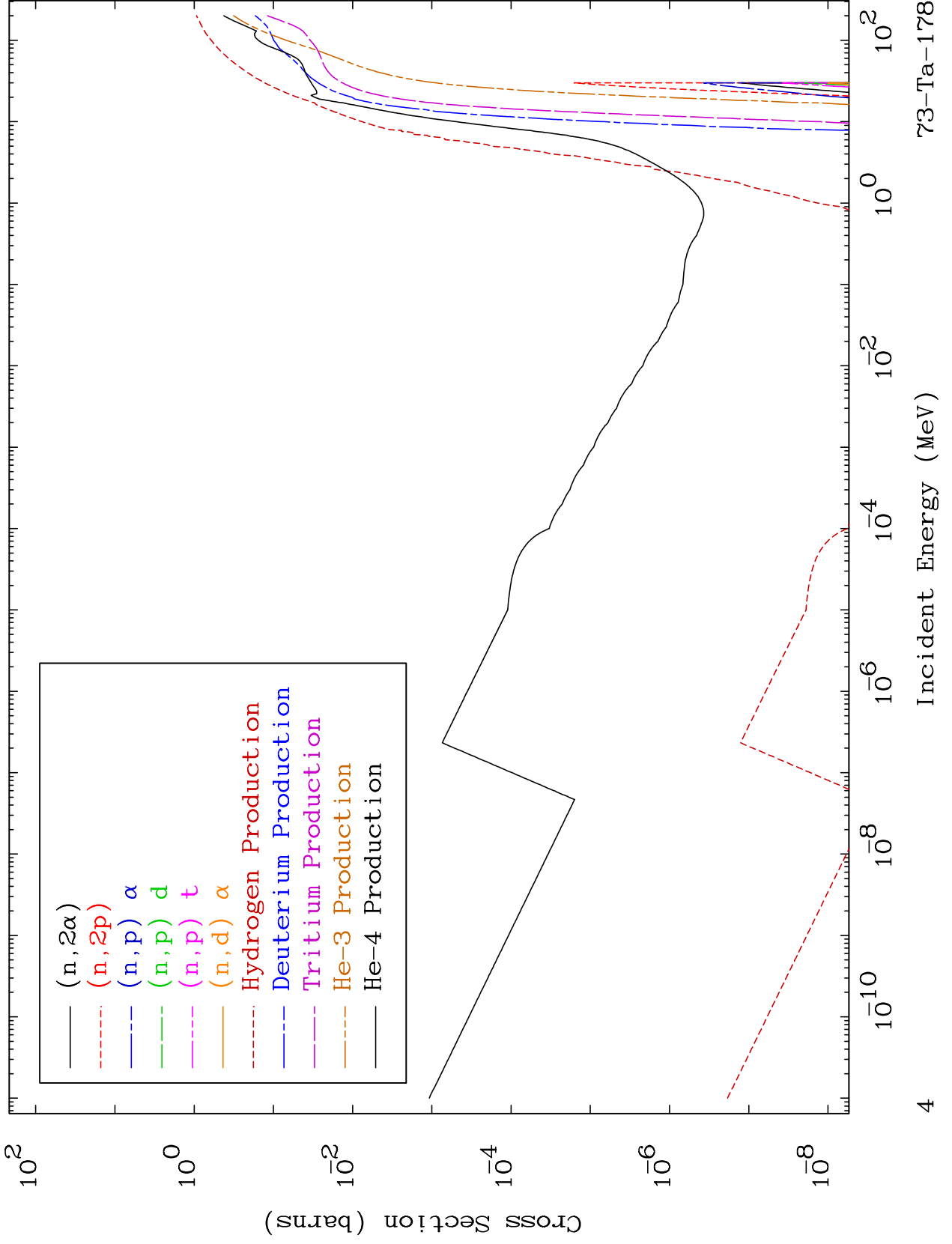
<sup>73</sup>Ta-178



MAT 7319

Neutron Absorption  
293 Kelvin Cross Sections

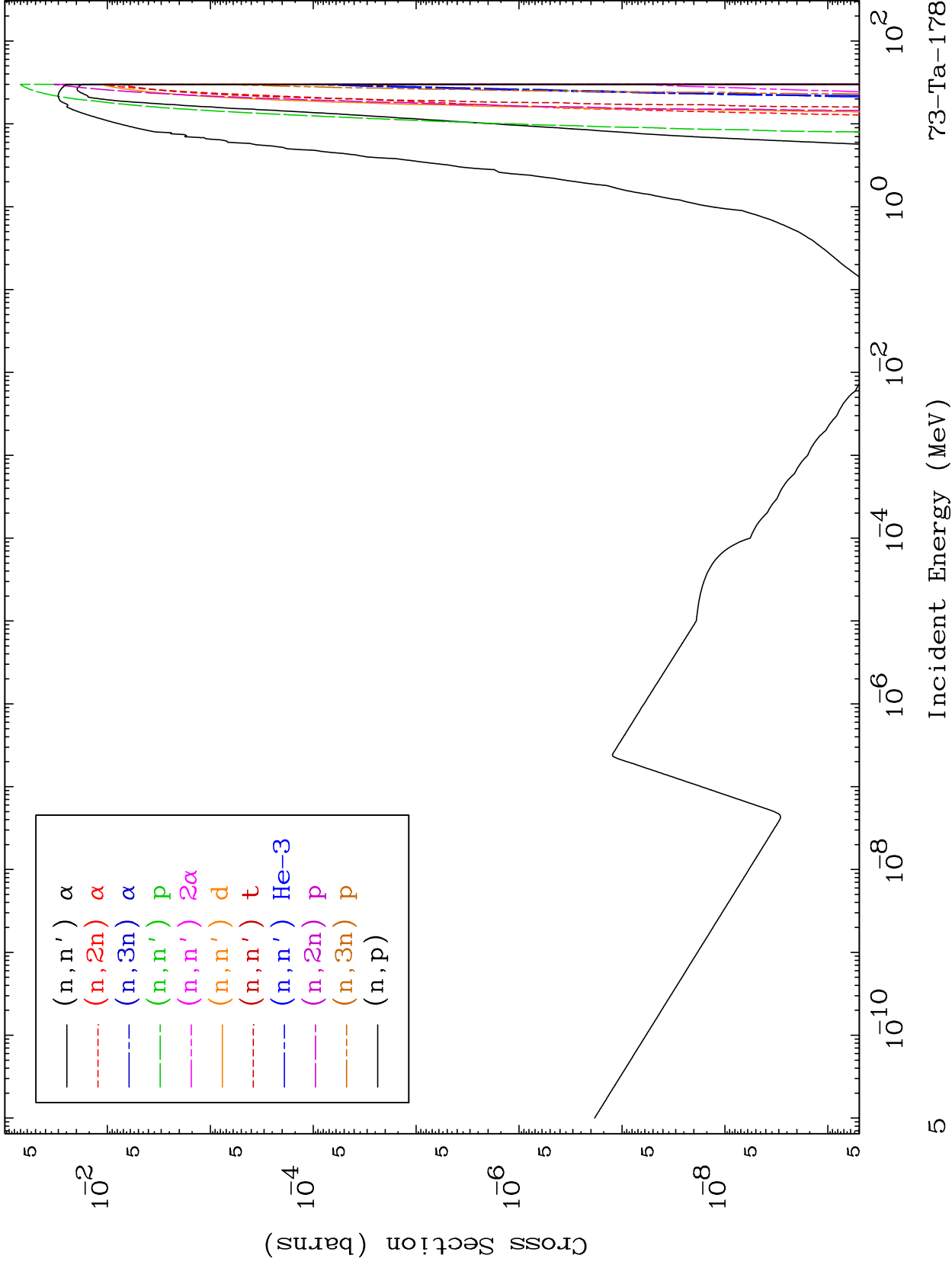
73-Ta-178



MAT 7319

Charged Particle  
293 Kelvin Cross Sections

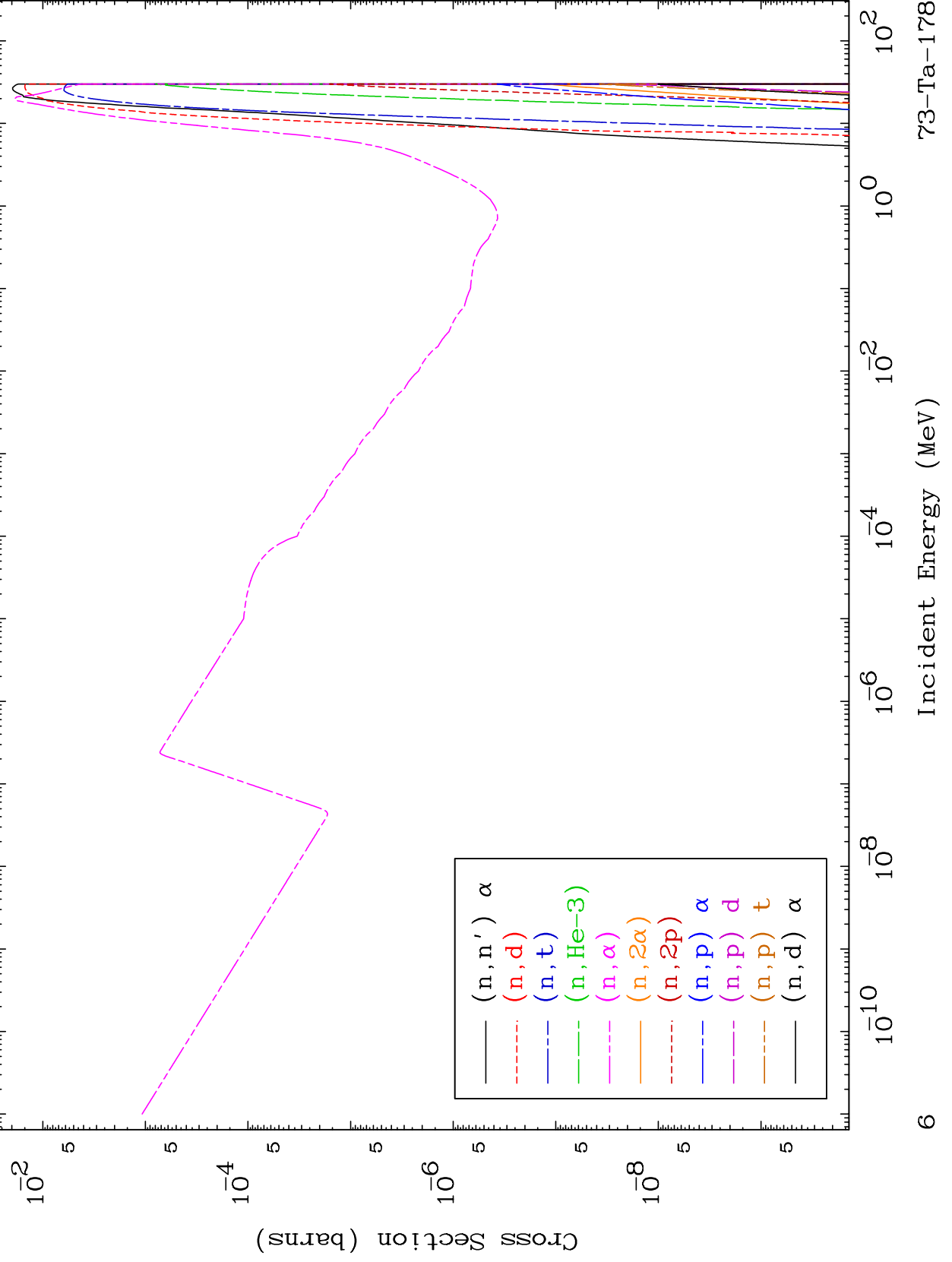
73-Ta-178



MAT 7319

Charged Particle  
293 Kelvin Cross Sections

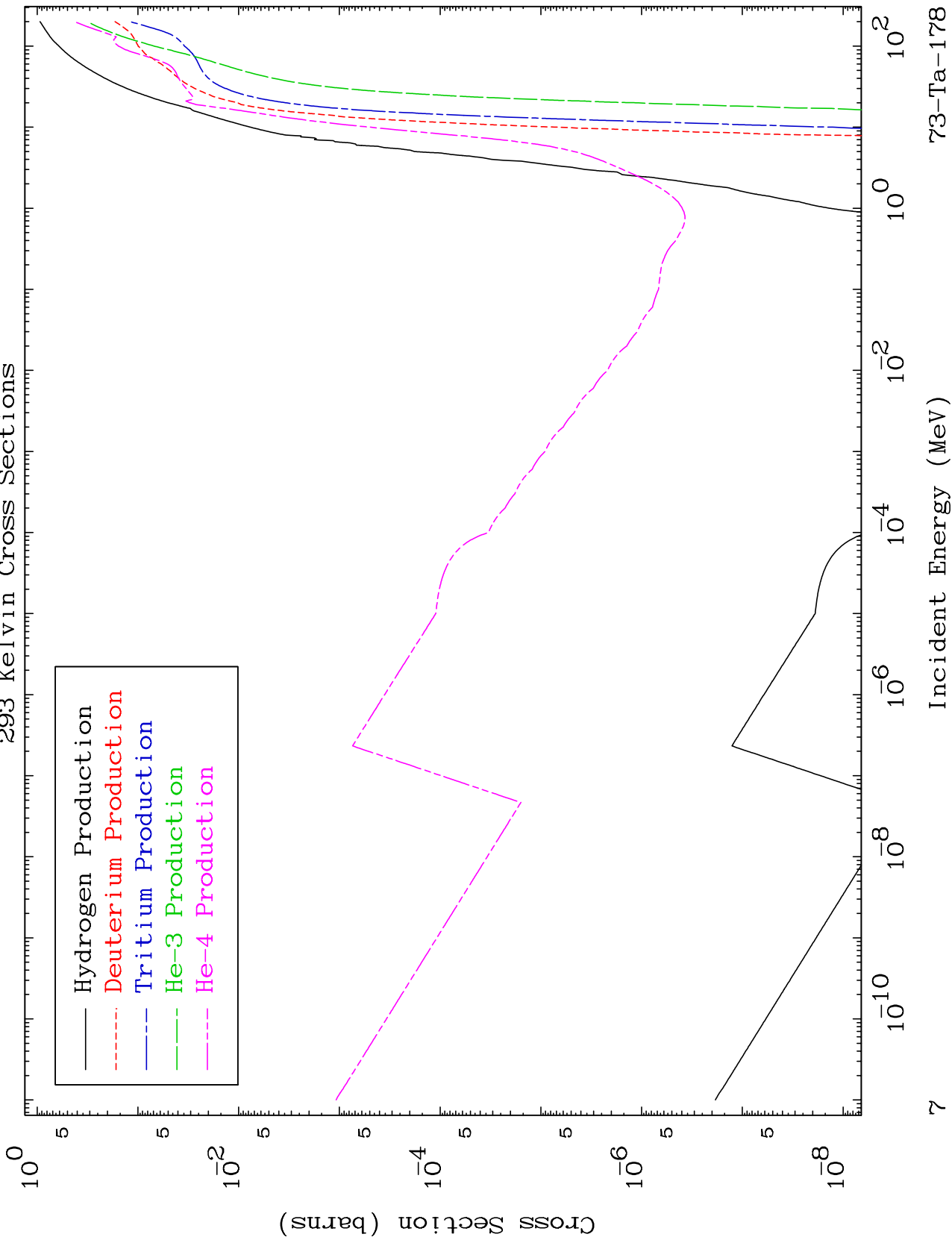
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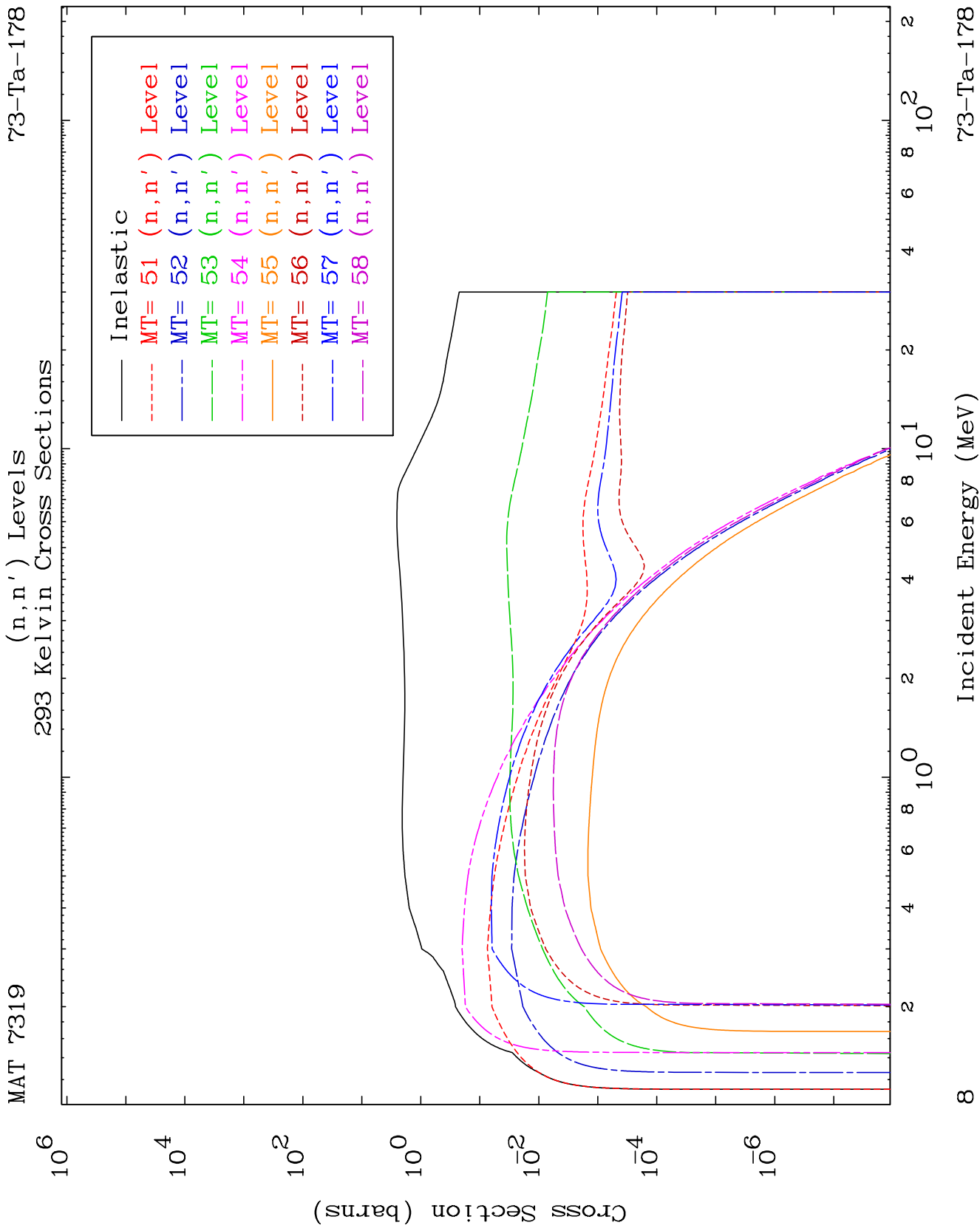


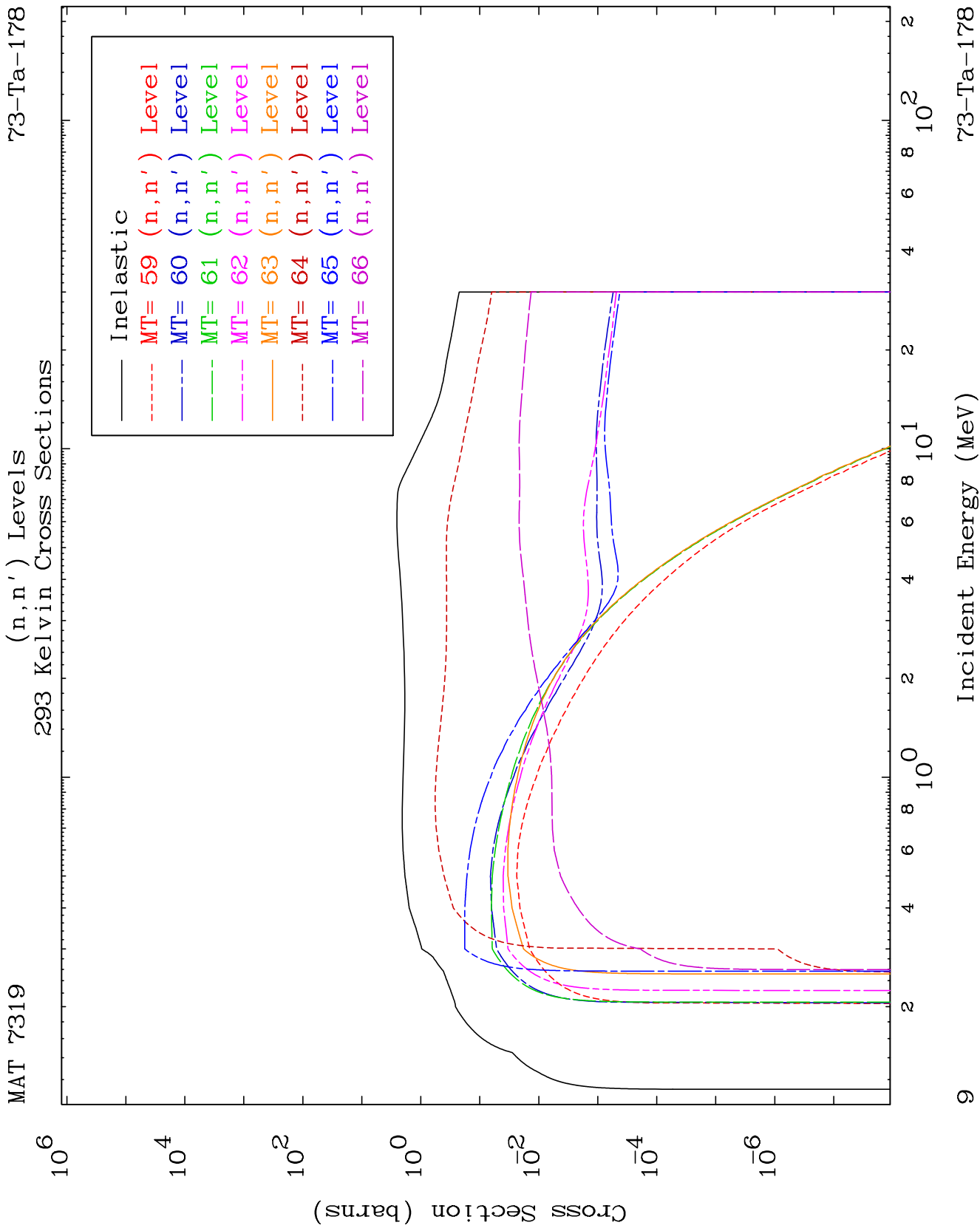
MAT 7319

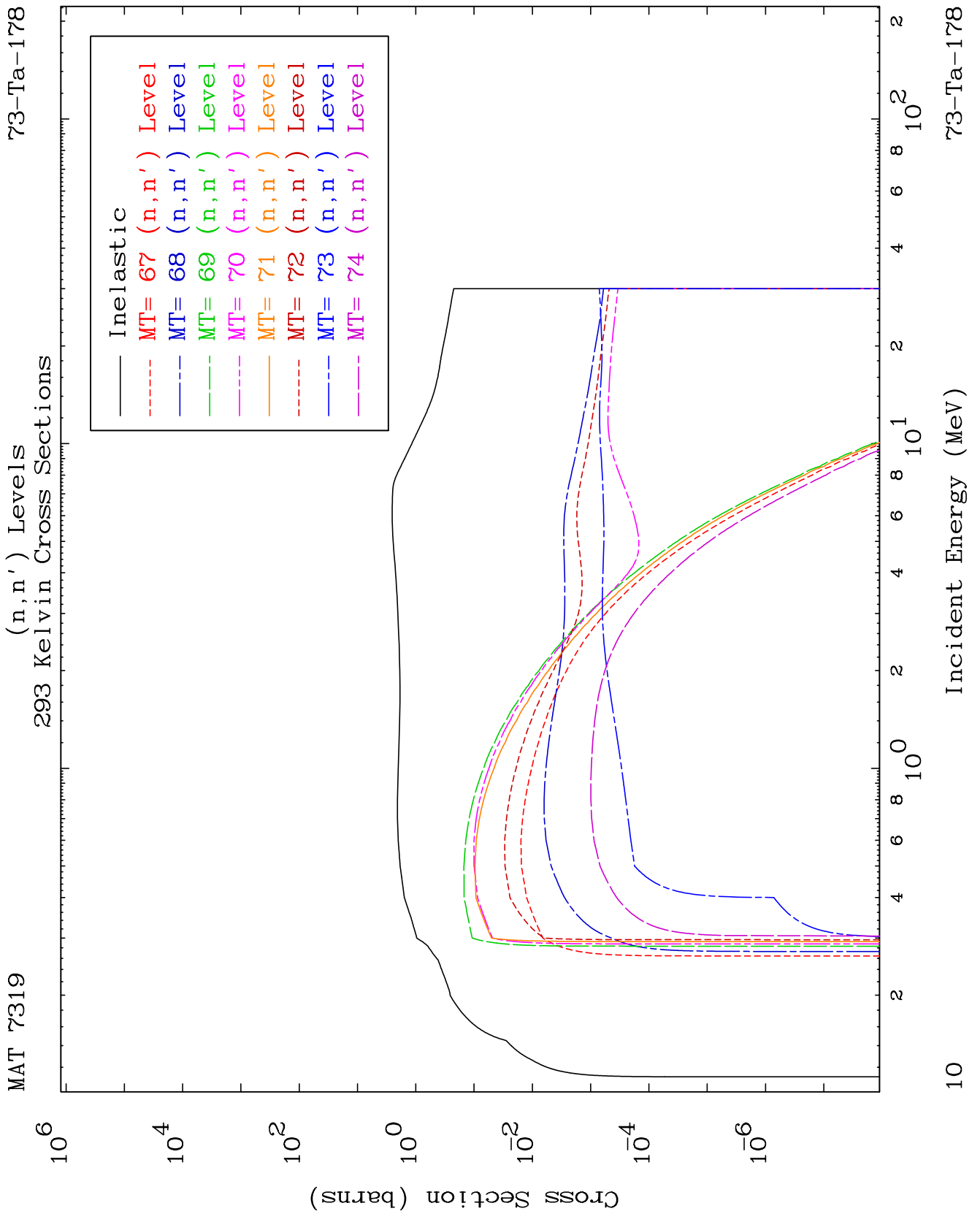
Particle Production  
293 Kelvin Cross Sections

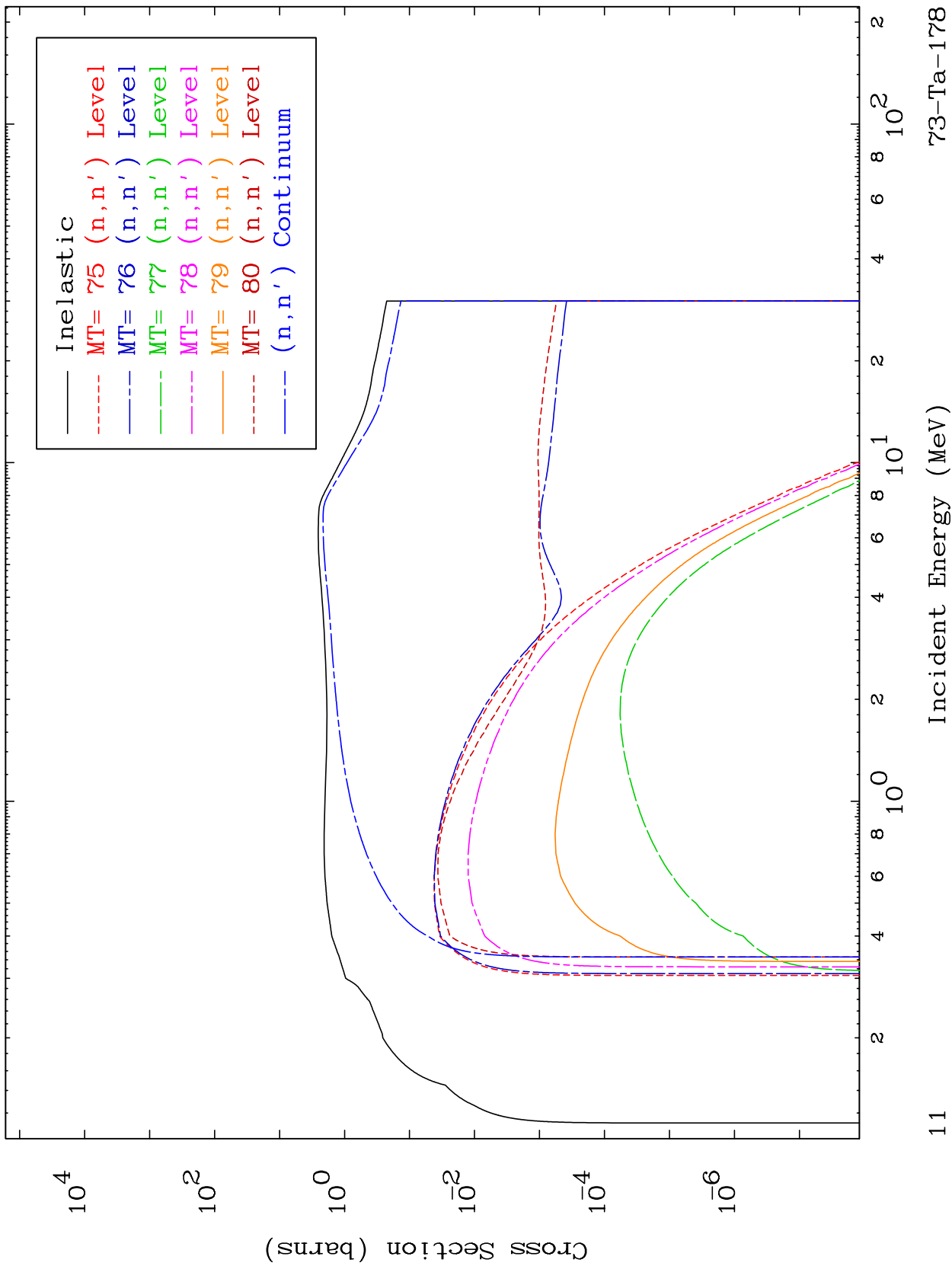
73-Ta-178







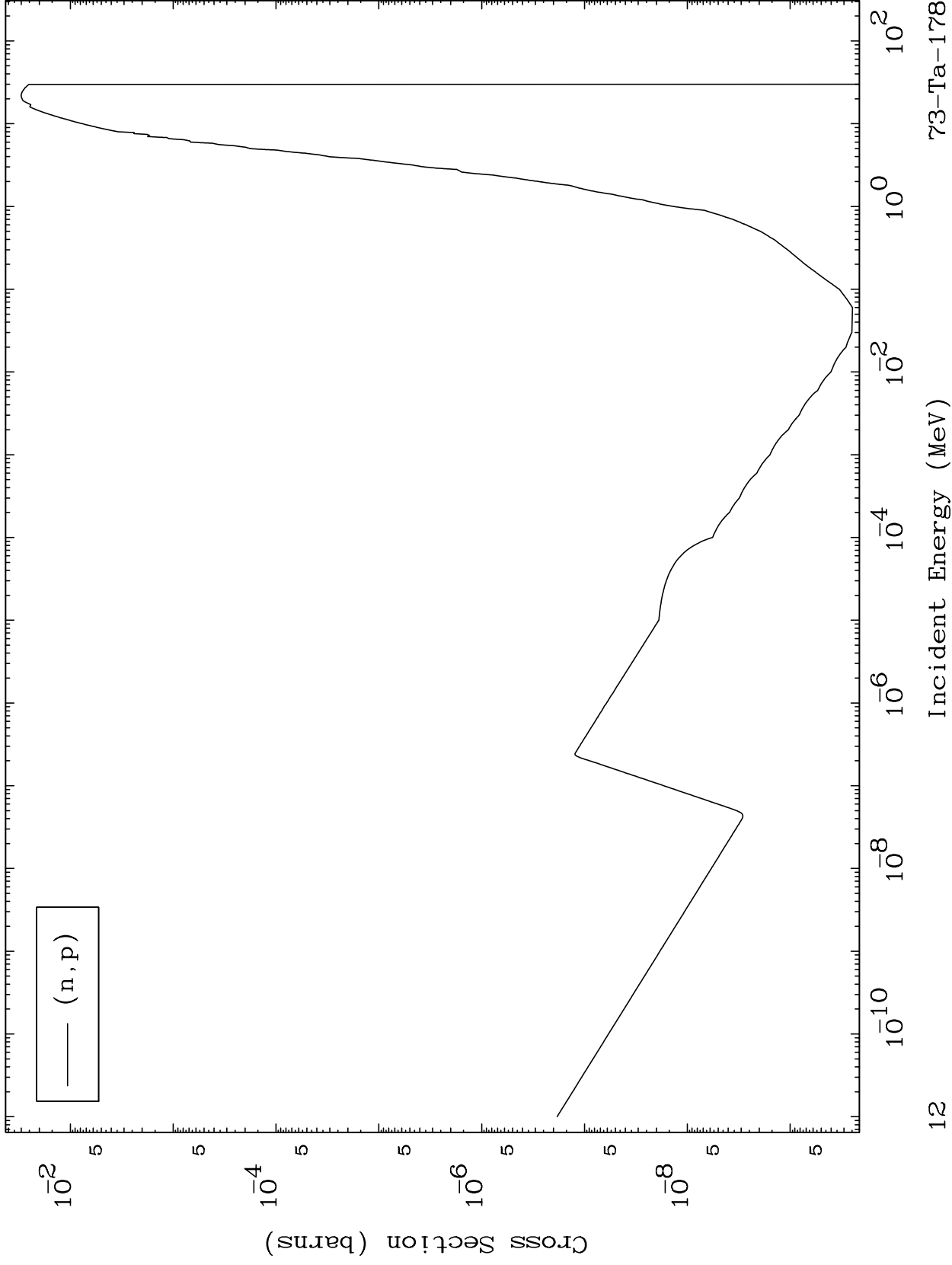




MAT 7319

(n,p) Levels  
293 Kelvin Cross Sections

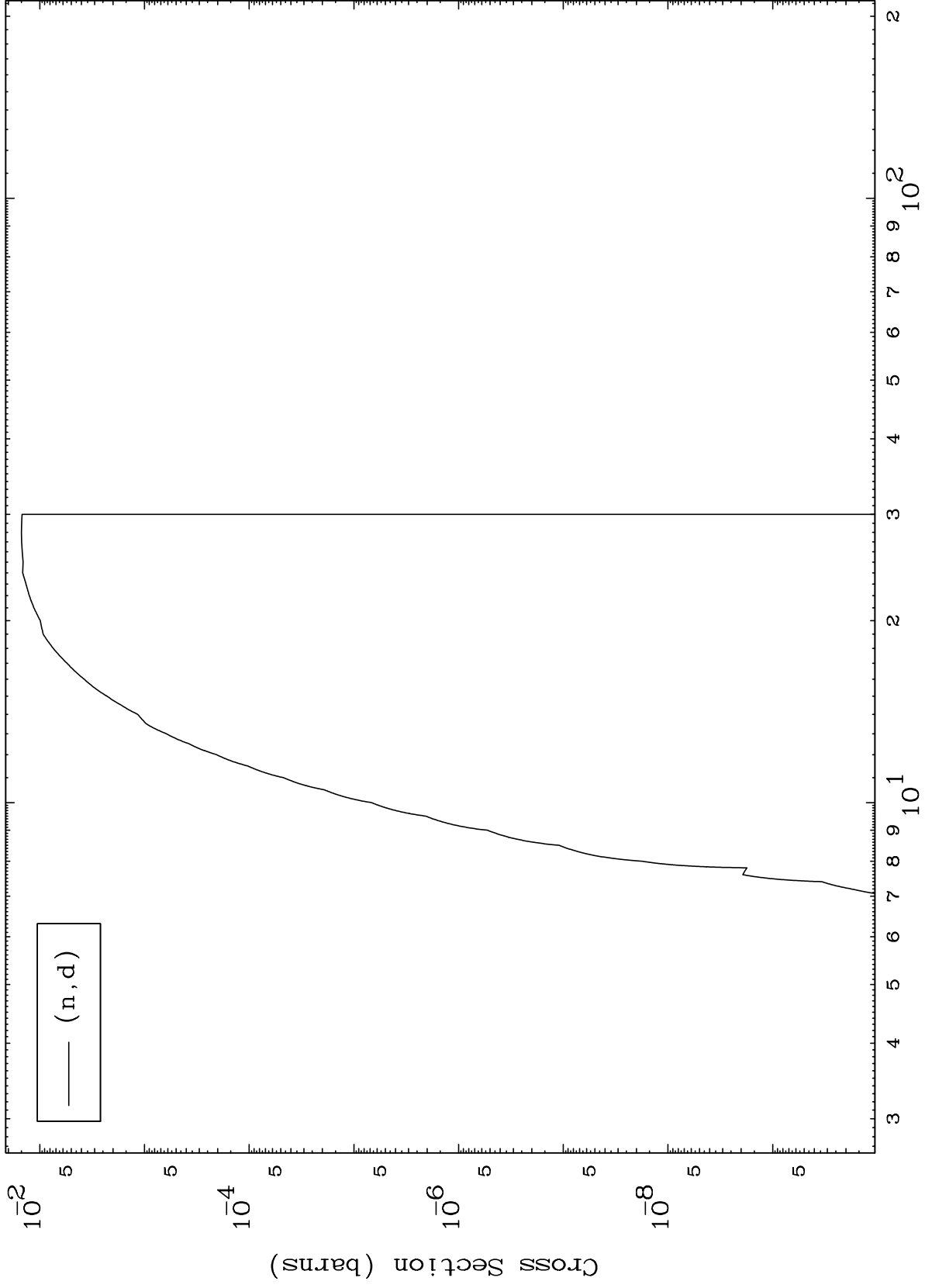
73-Ta-178



MAT 7319

(n,d) Levels  
293 Kelvin Cross Sections

<sup>73</sup>Ta-178



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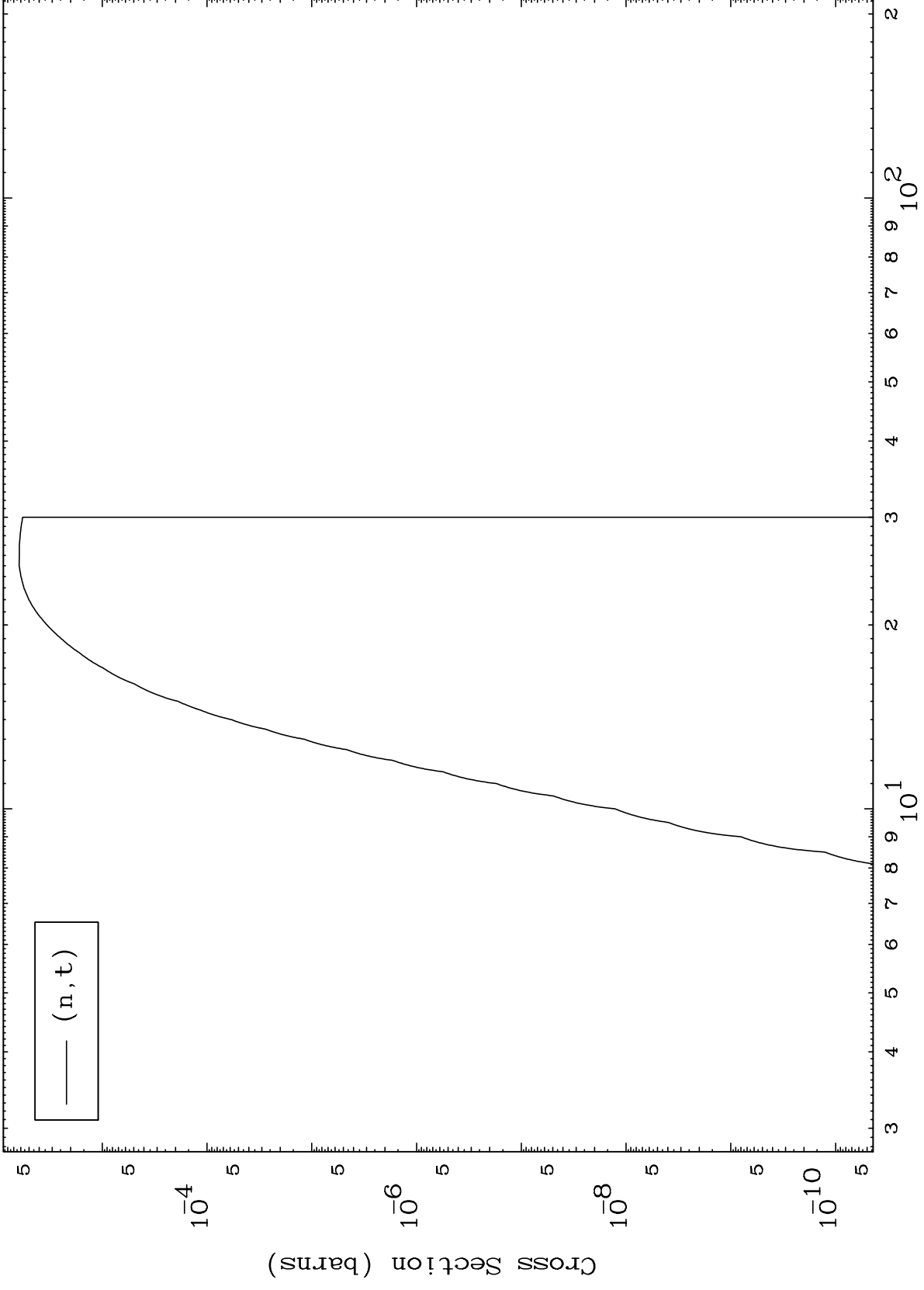
Incident Energy (MeV)

<sup>73</sup>Ta-178

MAT 7319

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-178



14

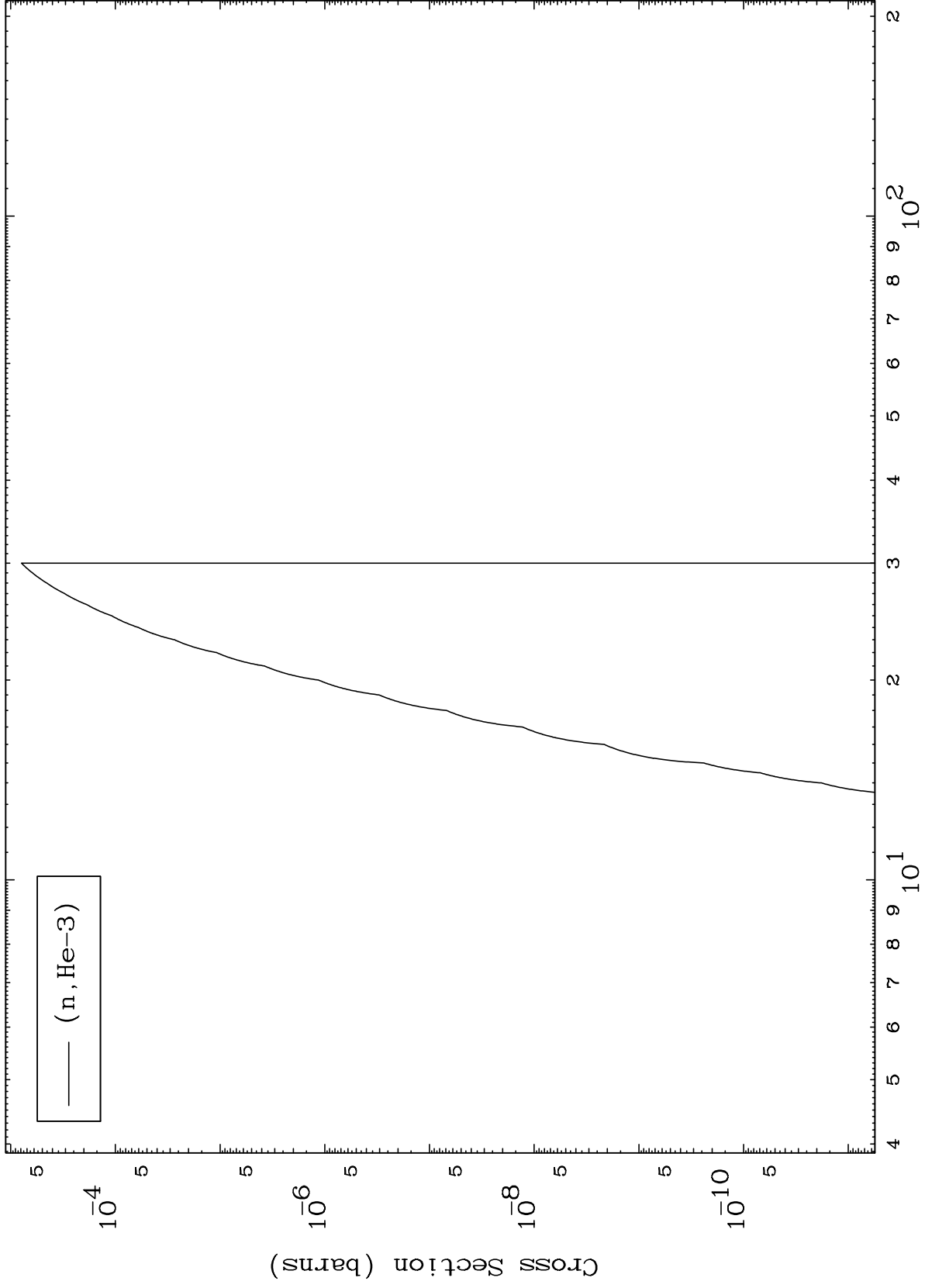
Incident Energy (MeV)

73-Ta-178

MAT 7319

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-178



15

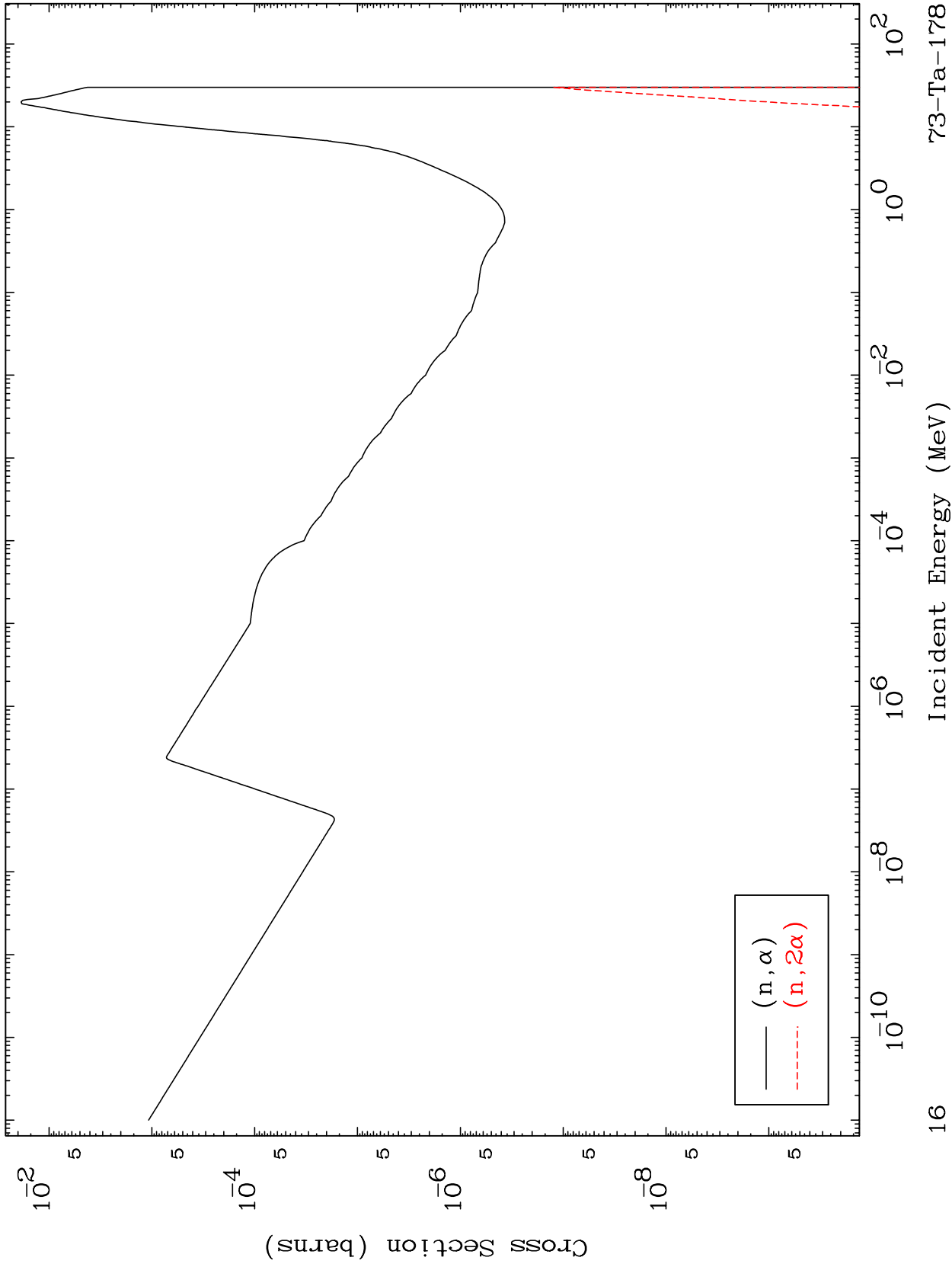
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

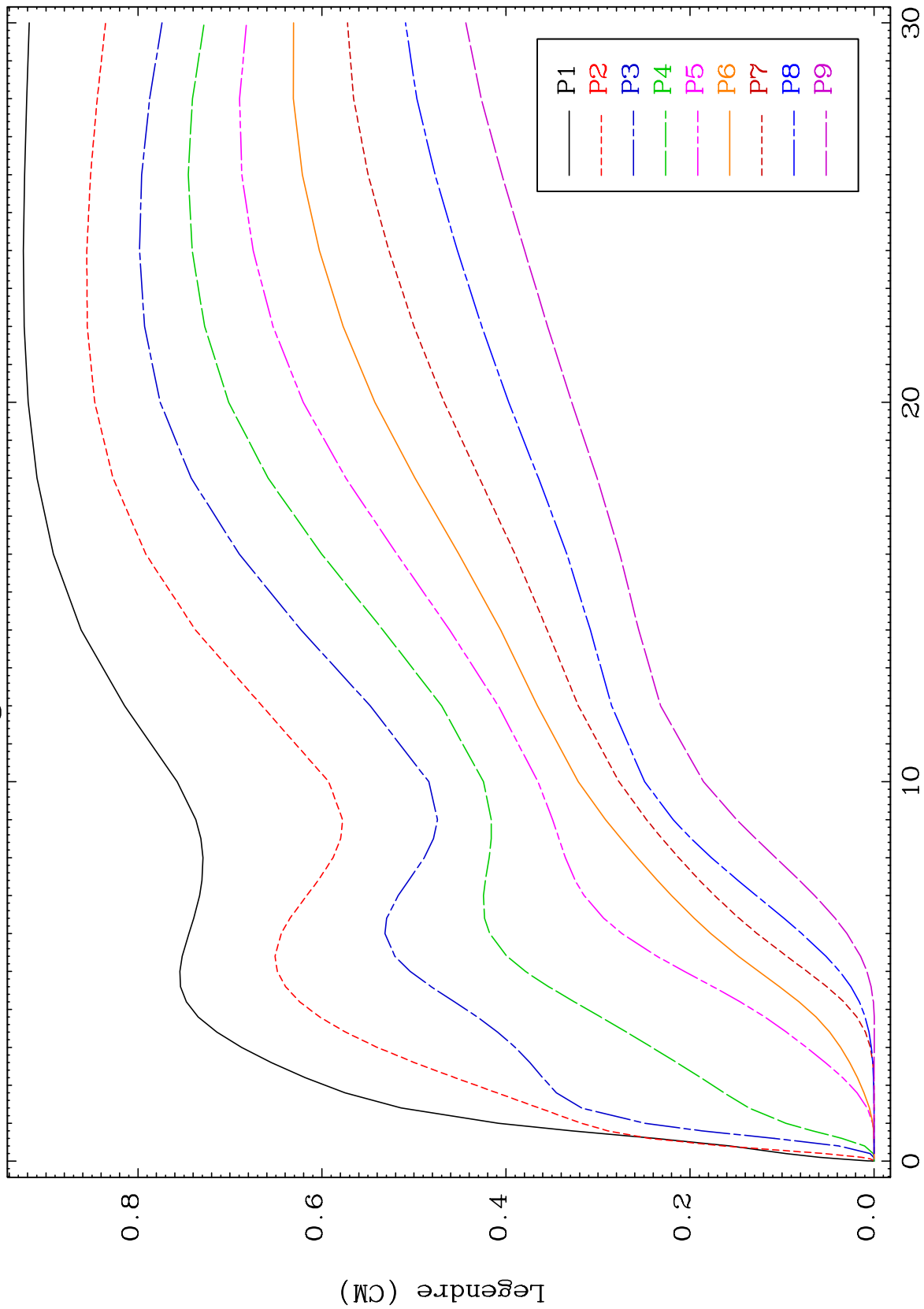
73-Ta-178



MAT 7319

Elastic Legendre Coefficients

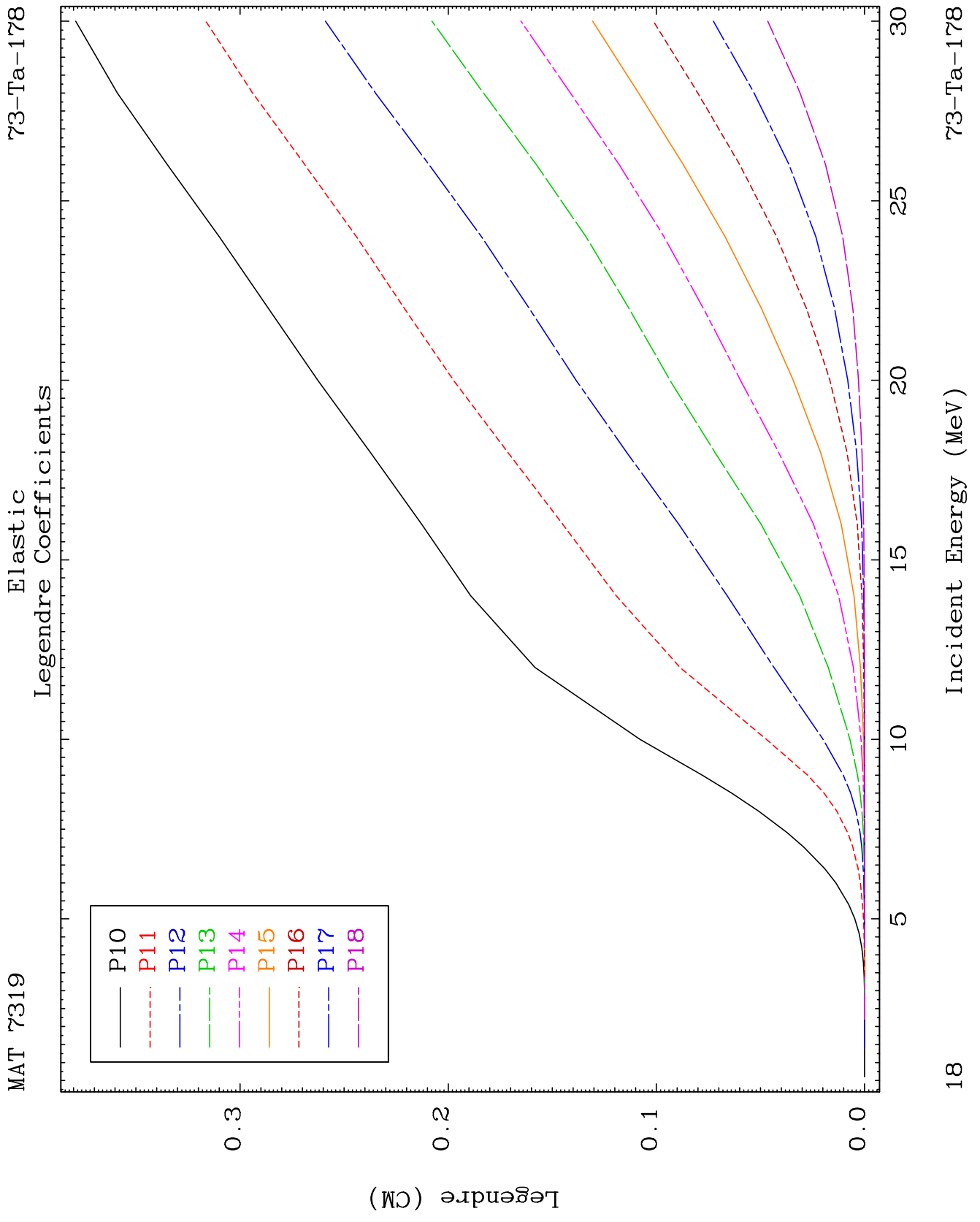
<sup>73</sup>Ta-178



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Incident Energy (MeV)

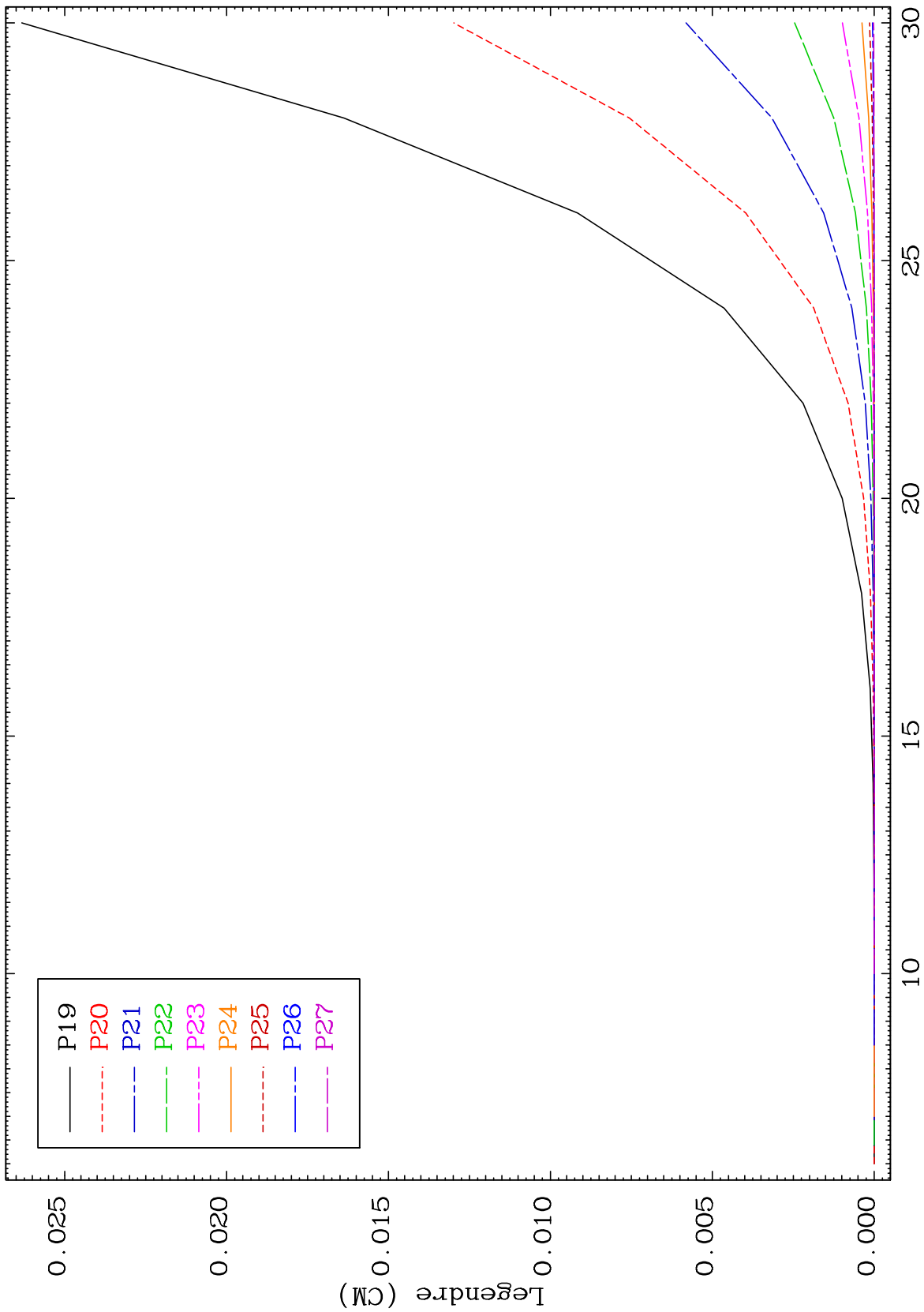
<sup>73</sup>Ta-178



MAT 7319

Elastic Legendre Coefficients

73-Ta-178



19

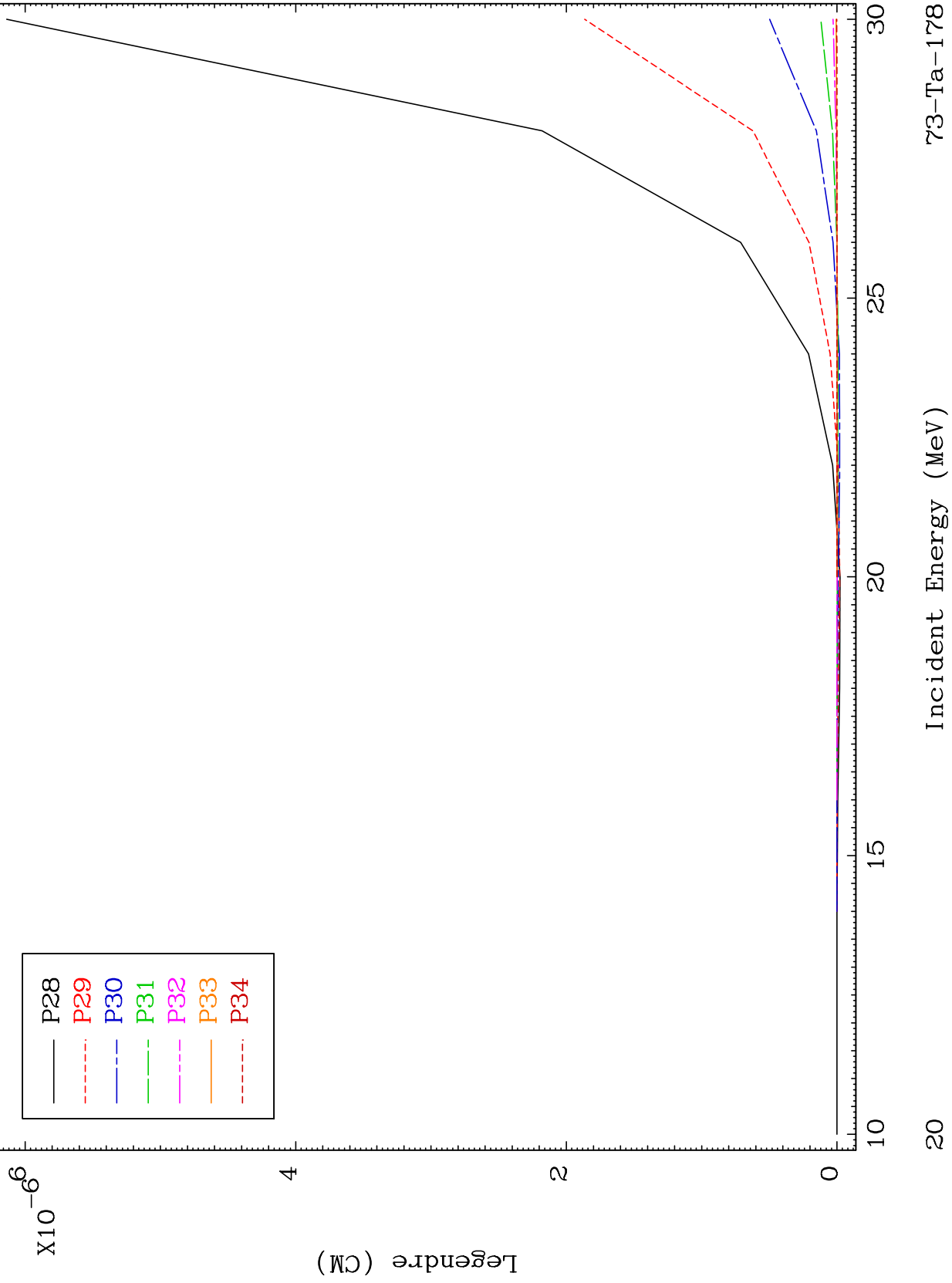
Incident Energy (MeV)

73-Ta-178

MAT 7319

Elastic Legendre Coefficients

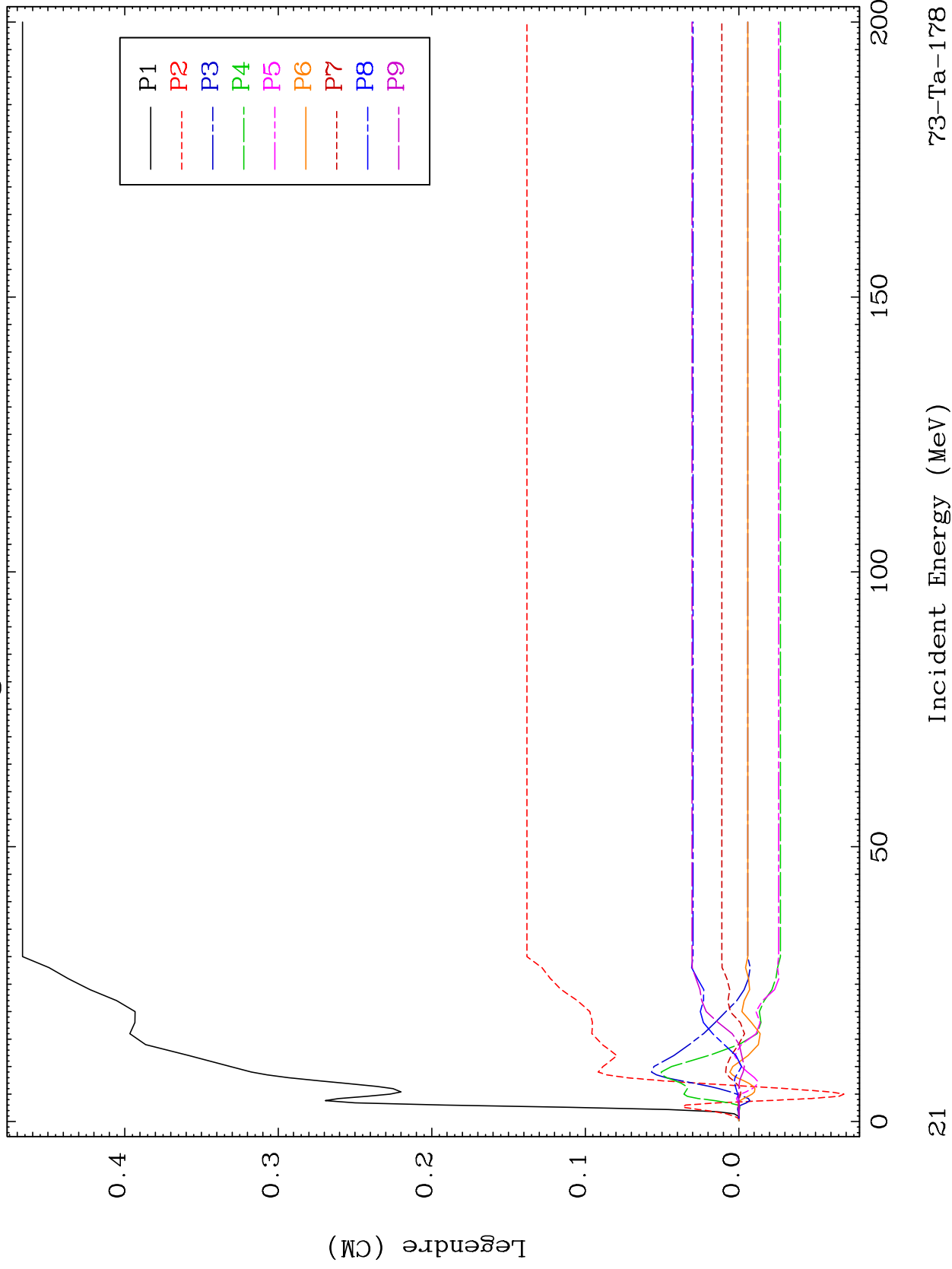
<sup>73</sup>Ta-178



MAT 7319

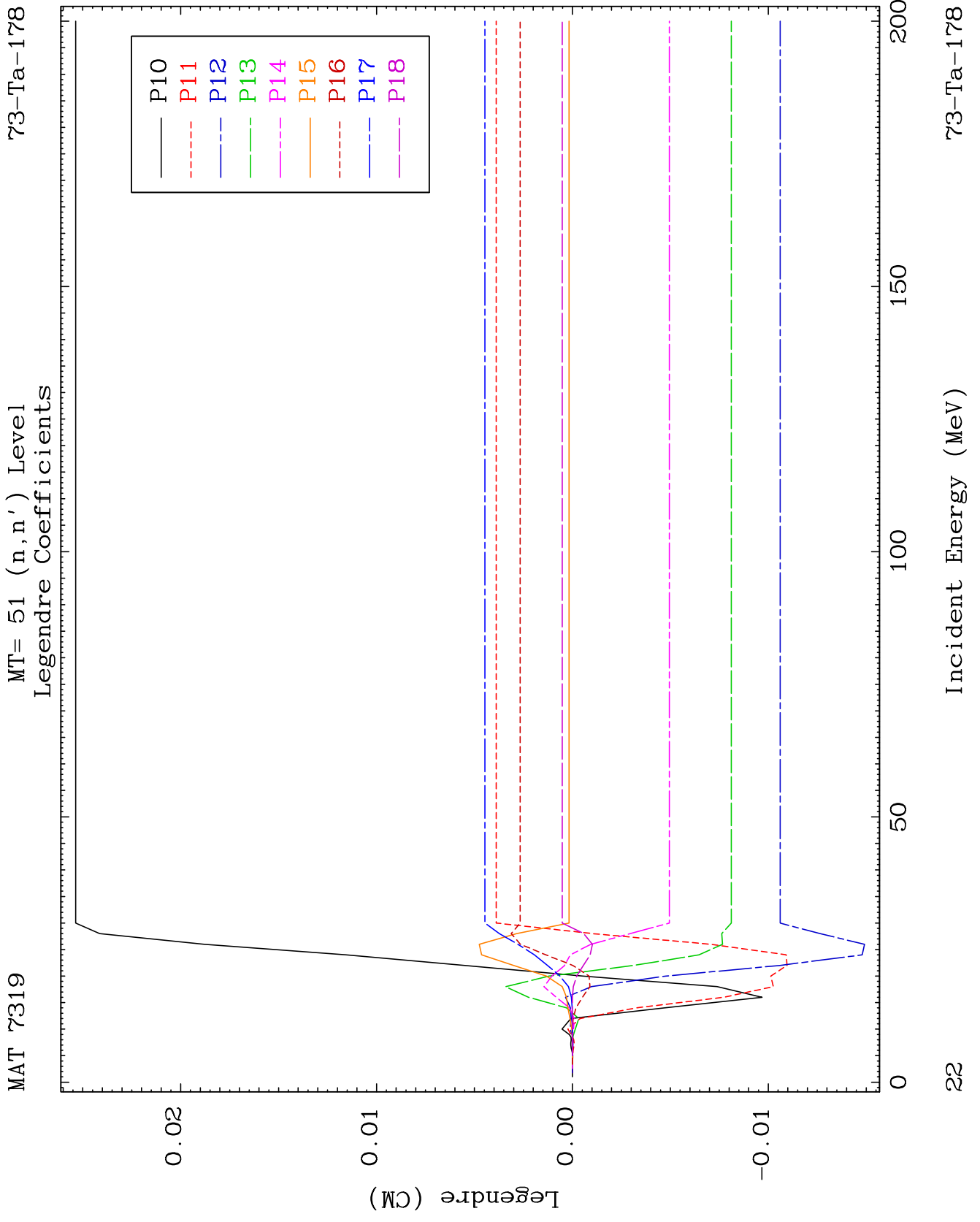
MT= 51 (n,n') Level  
Legendre Coefficients

73-Ta-178



21

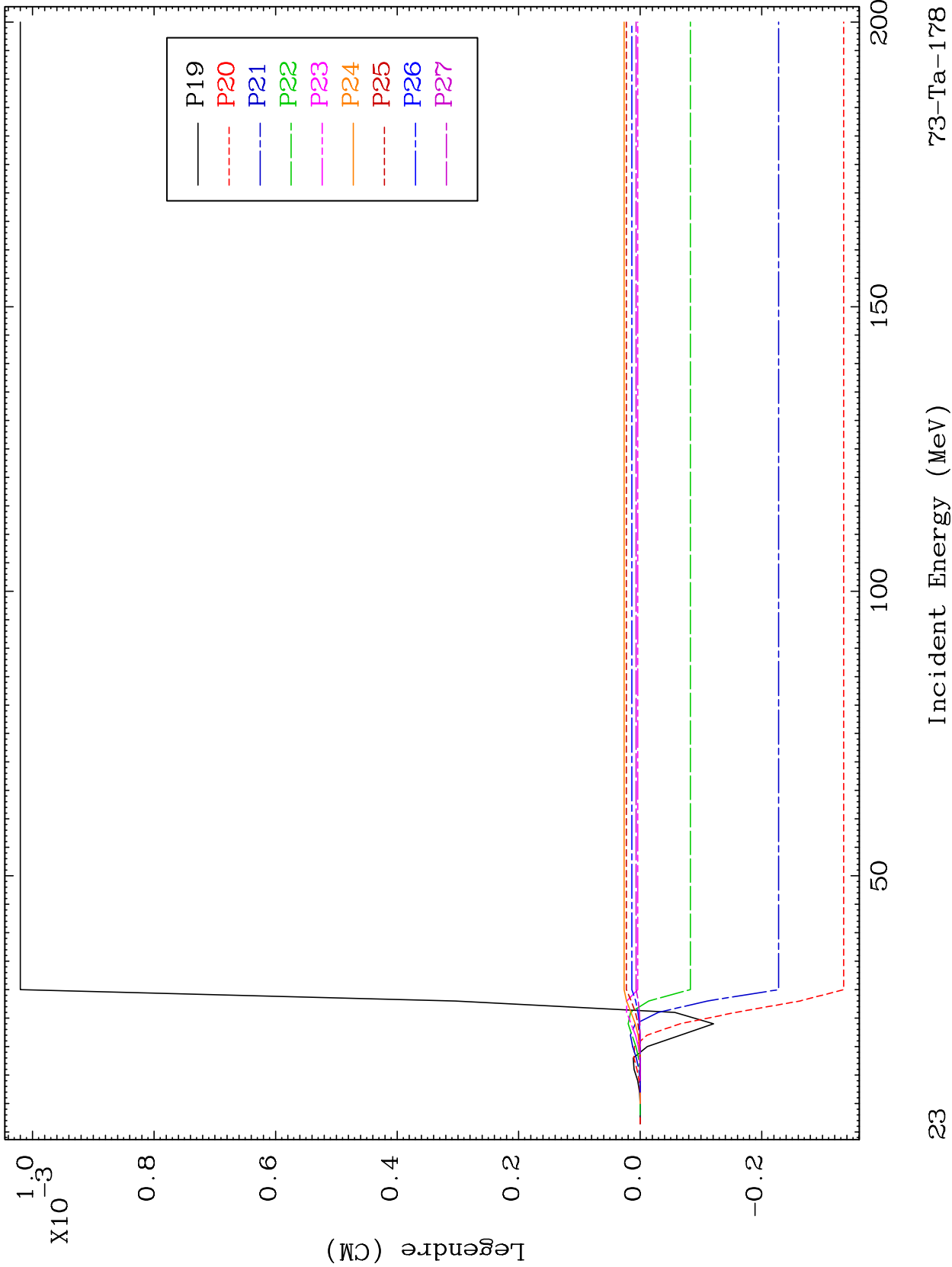
73-Ta-178



MAT 7319

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

73-Ta-178



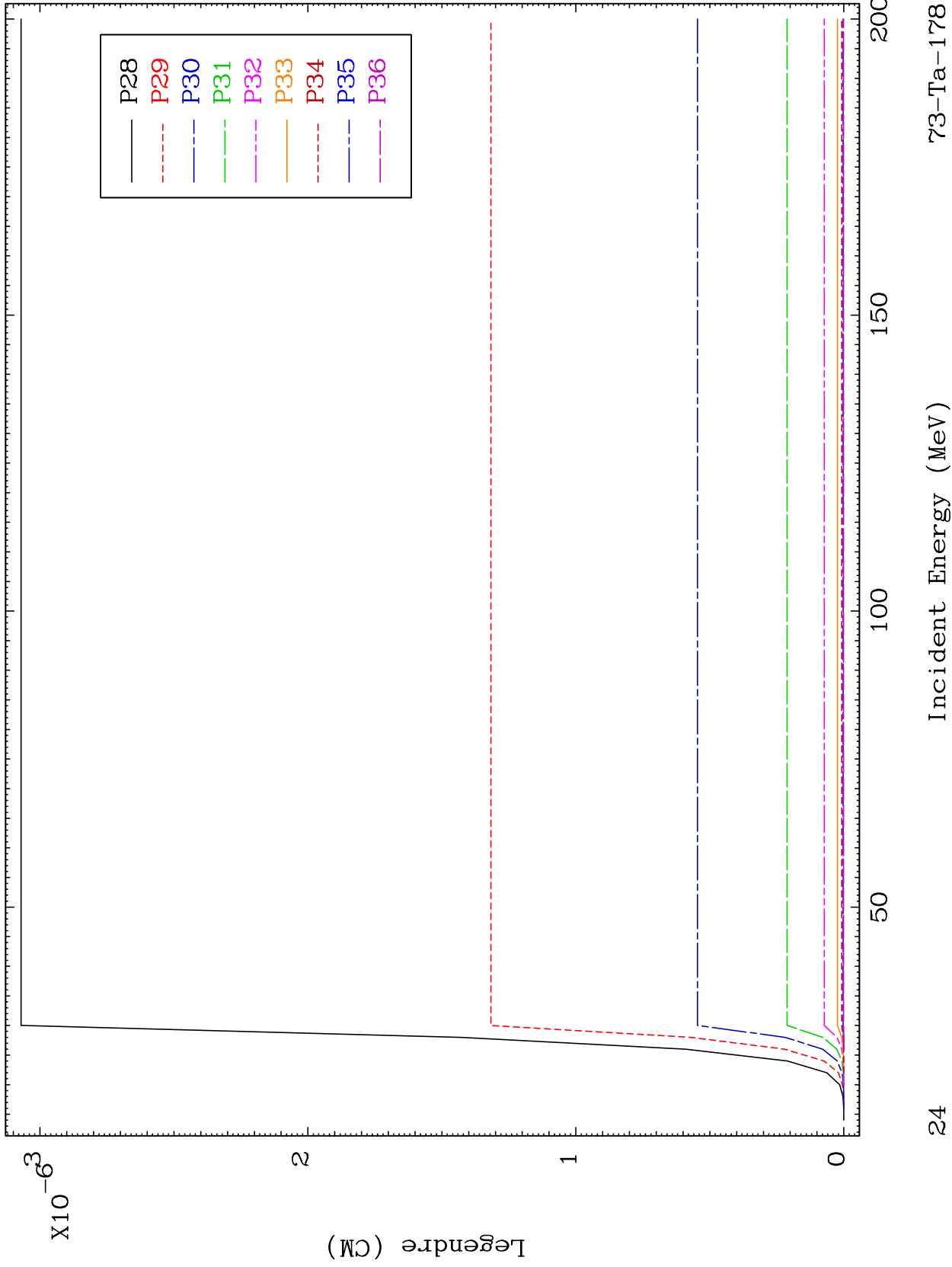
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73-Ta-178

MAT 7319

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

73-Ta-178



24

Incident Energy (MeV)

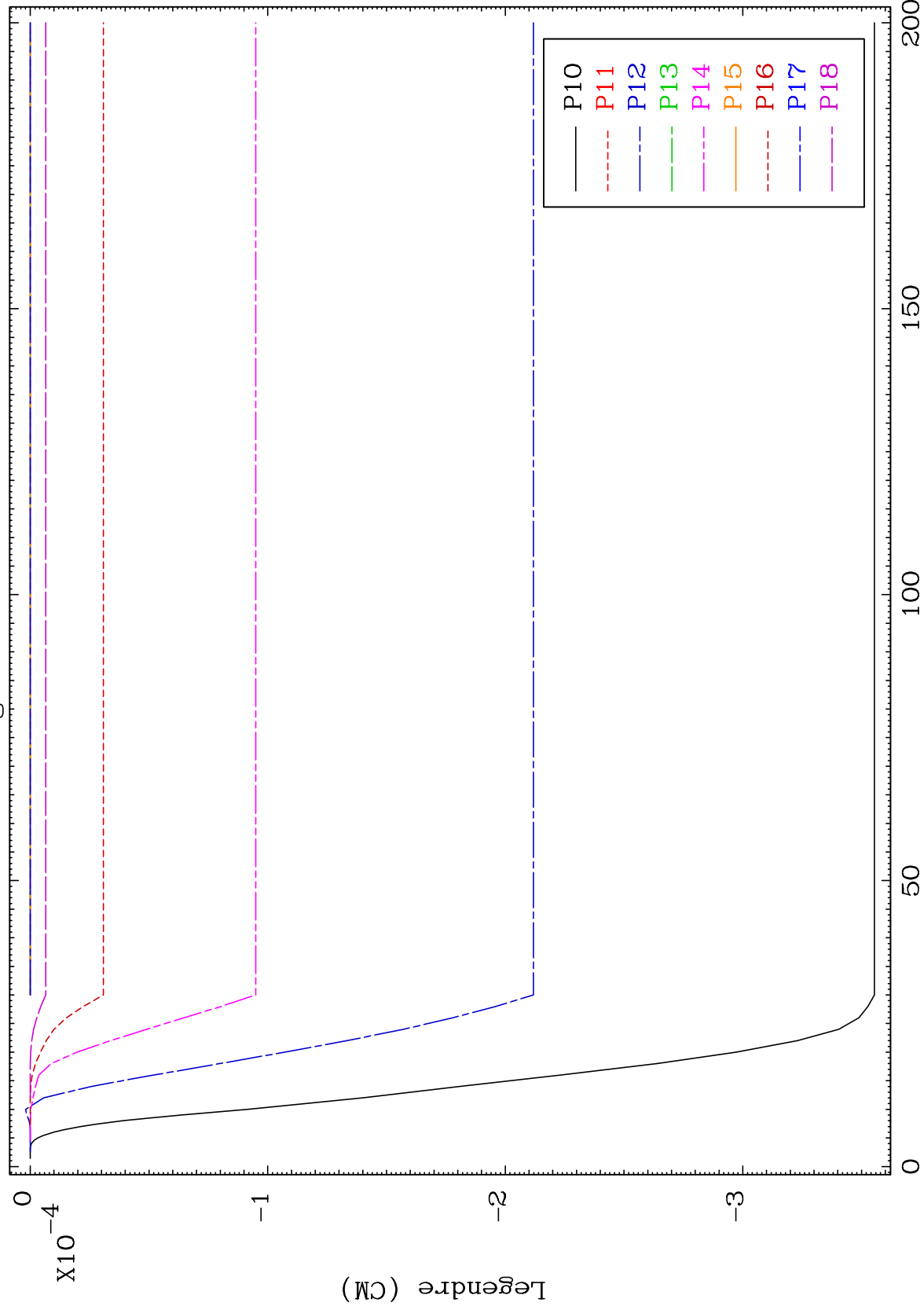
73-Ta-178



MAT 7319

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

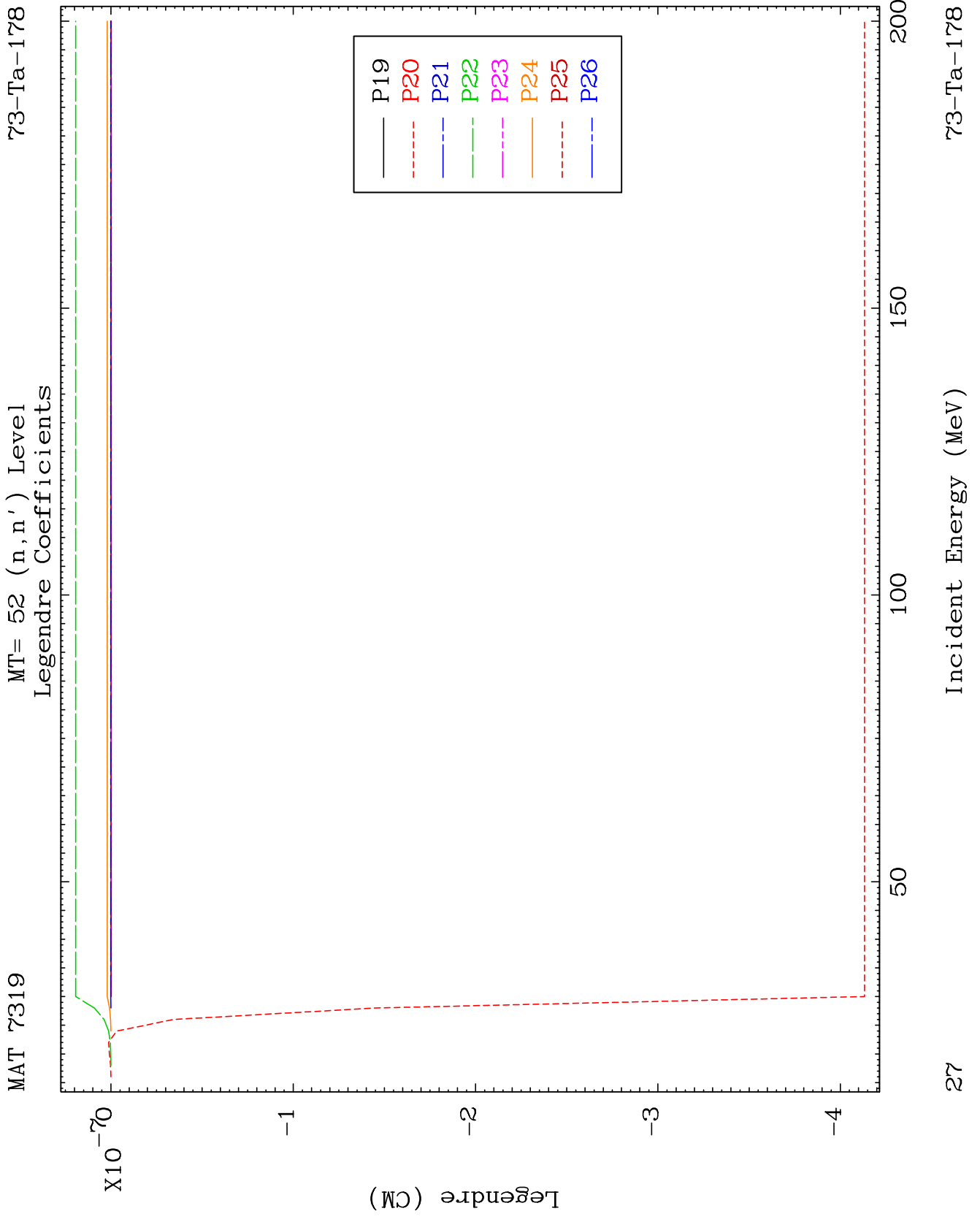
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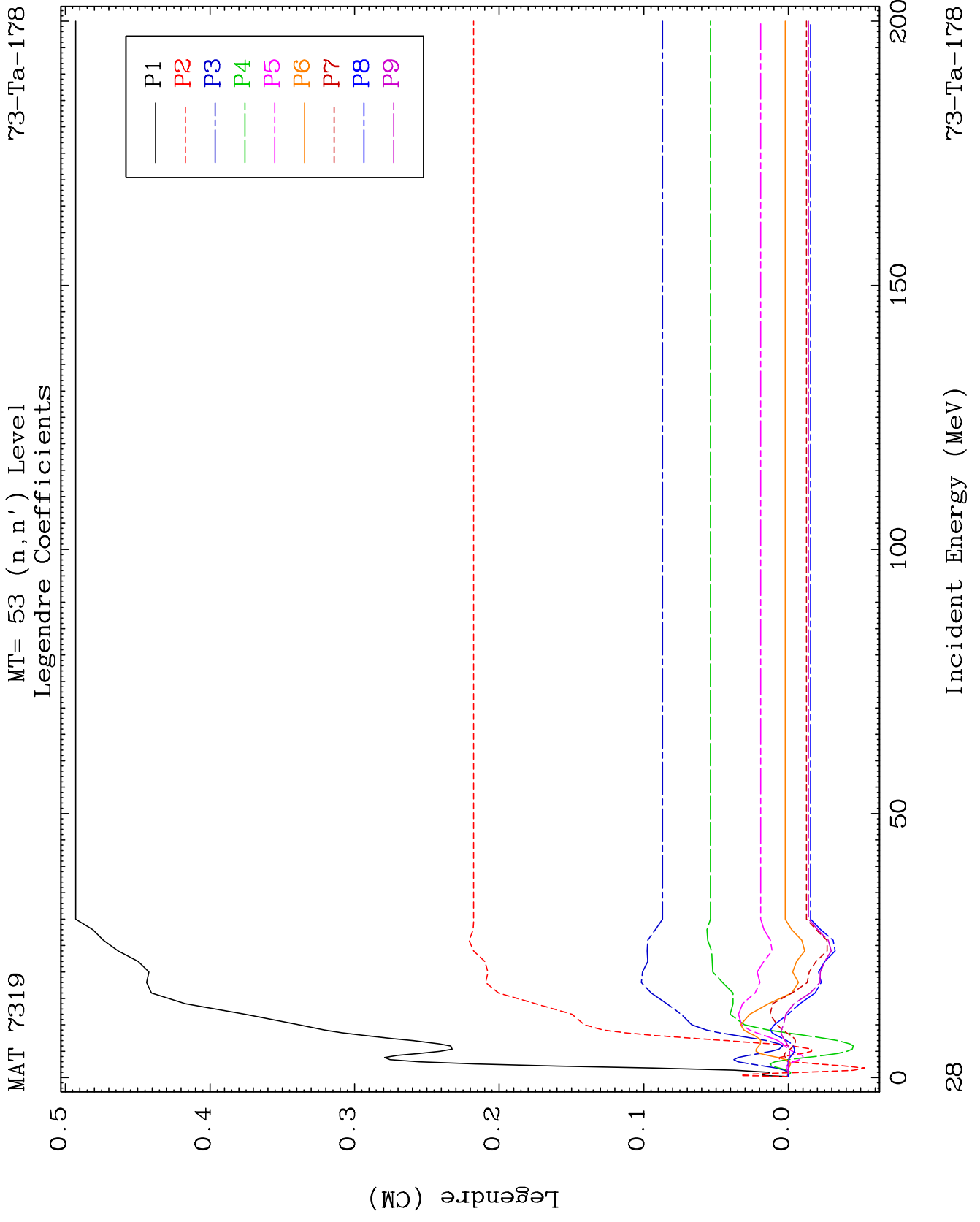


26

Incident Energy (MeV)

73-Ta-178

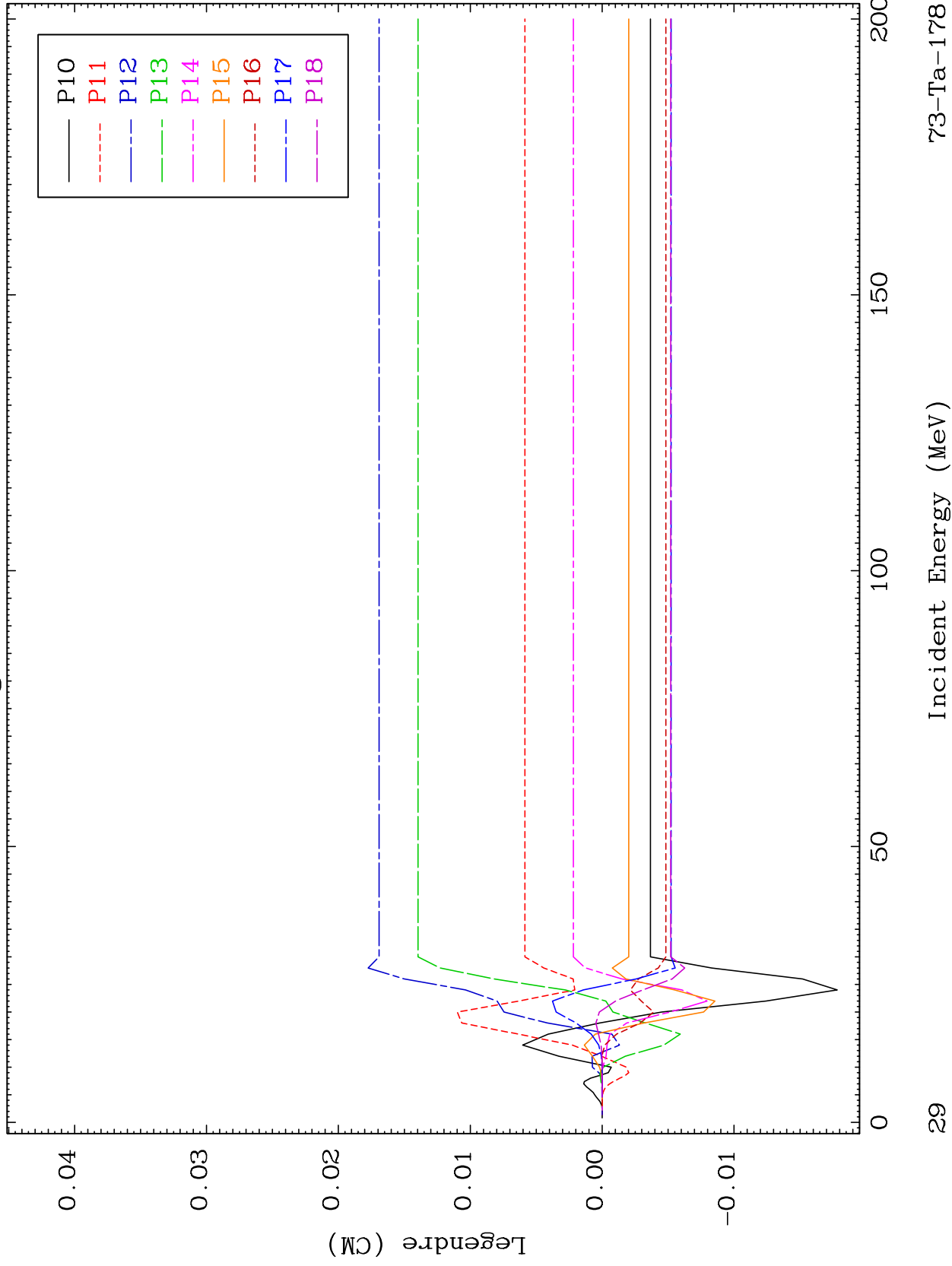




MAT 7319

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

73-Ta-178



29

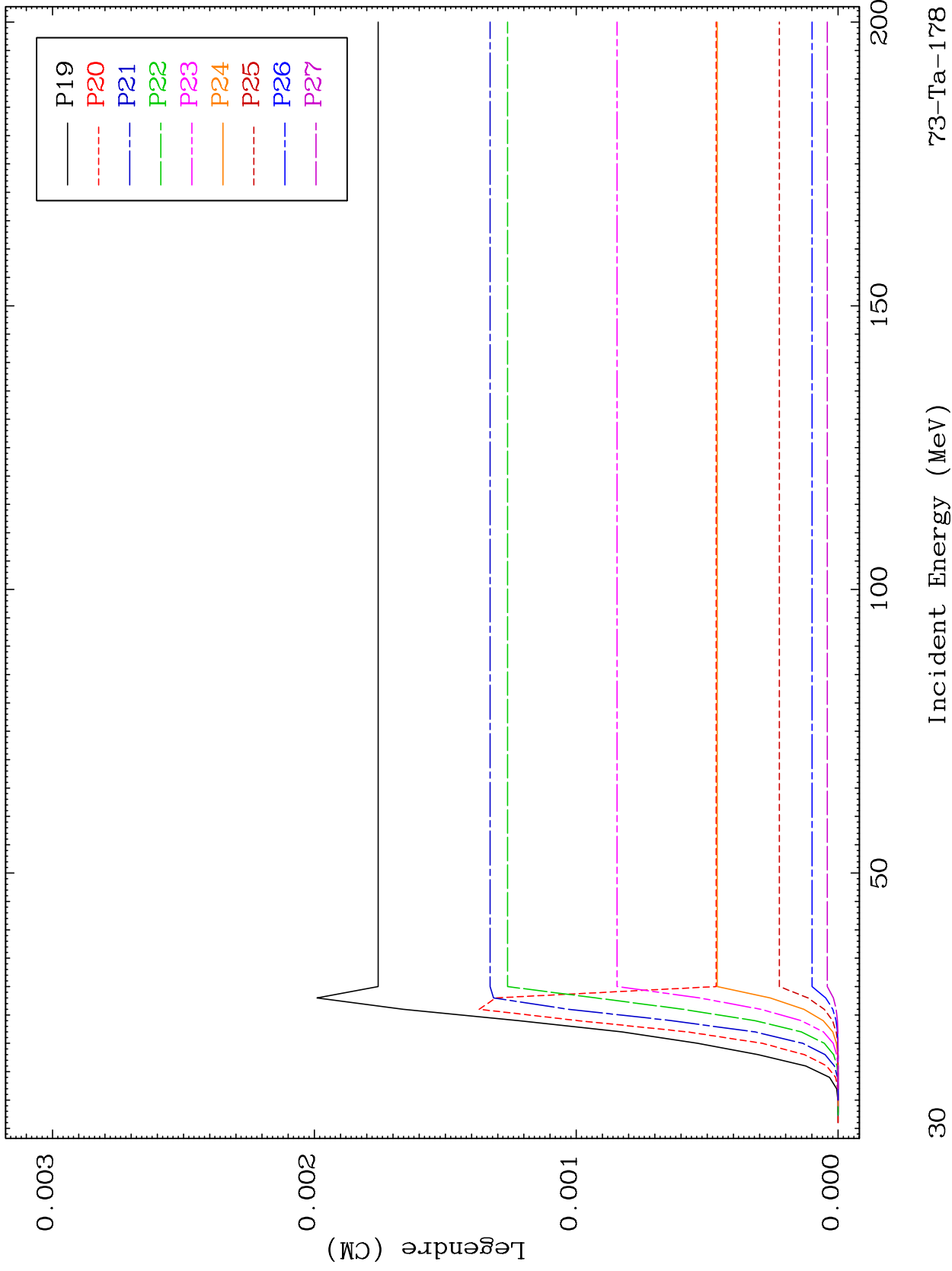
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

73-Ta-178



73-Ta-178

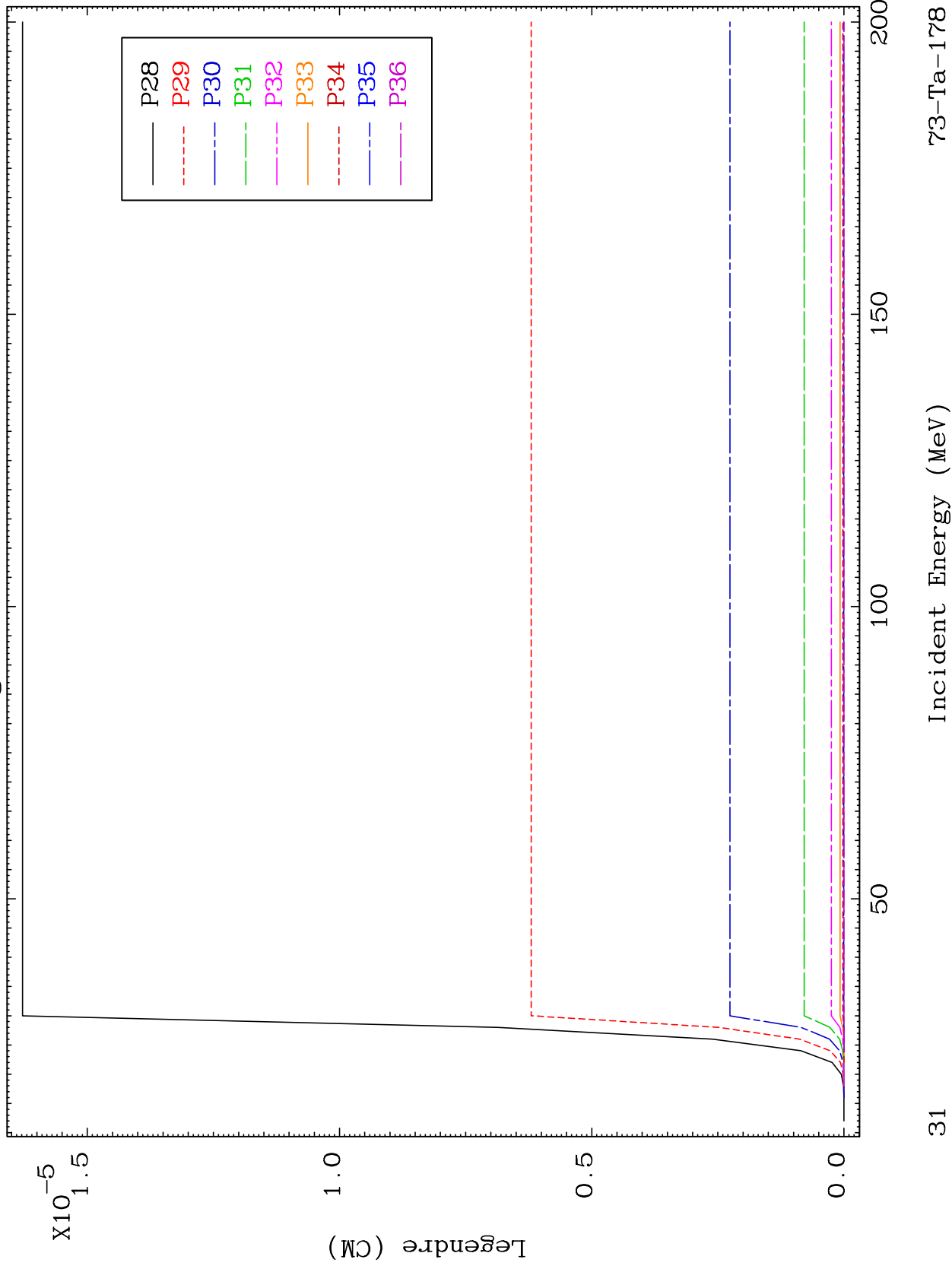
Incident Energy (MeV)

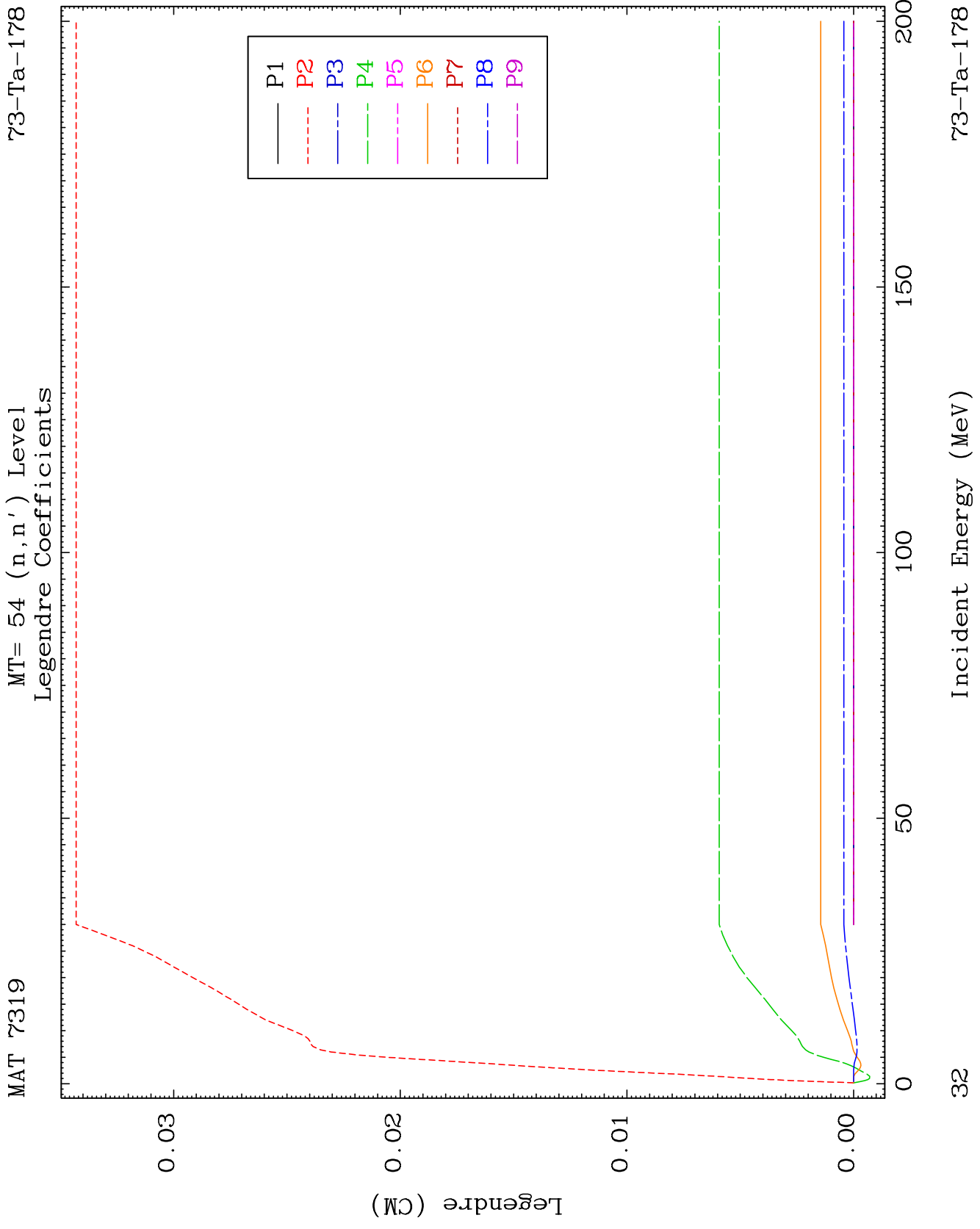
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MAT 7319

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

73-Ta-178

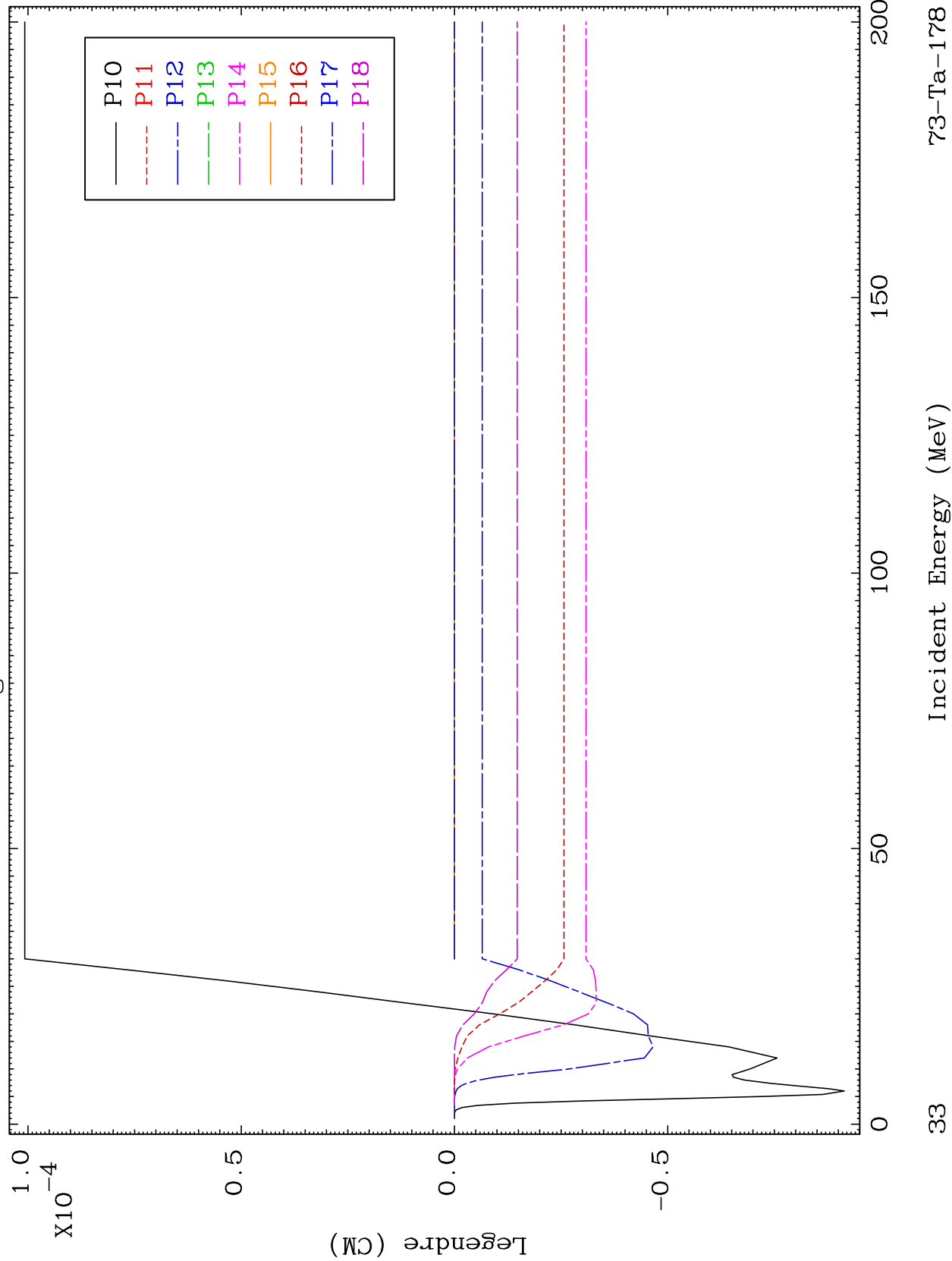




MAT 7319

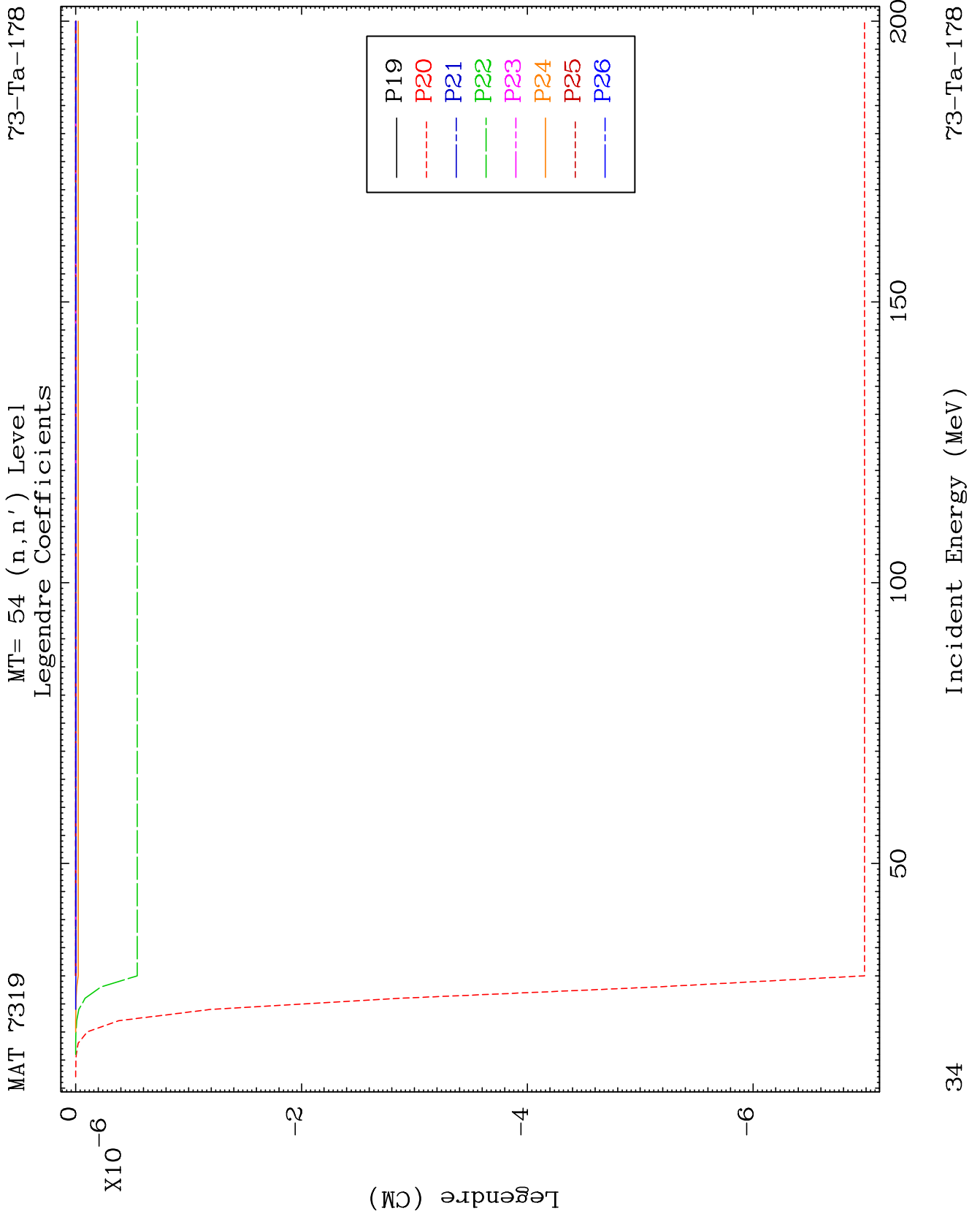
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Legendre Coefficients

73-Ta-178



33

73-Ta-178

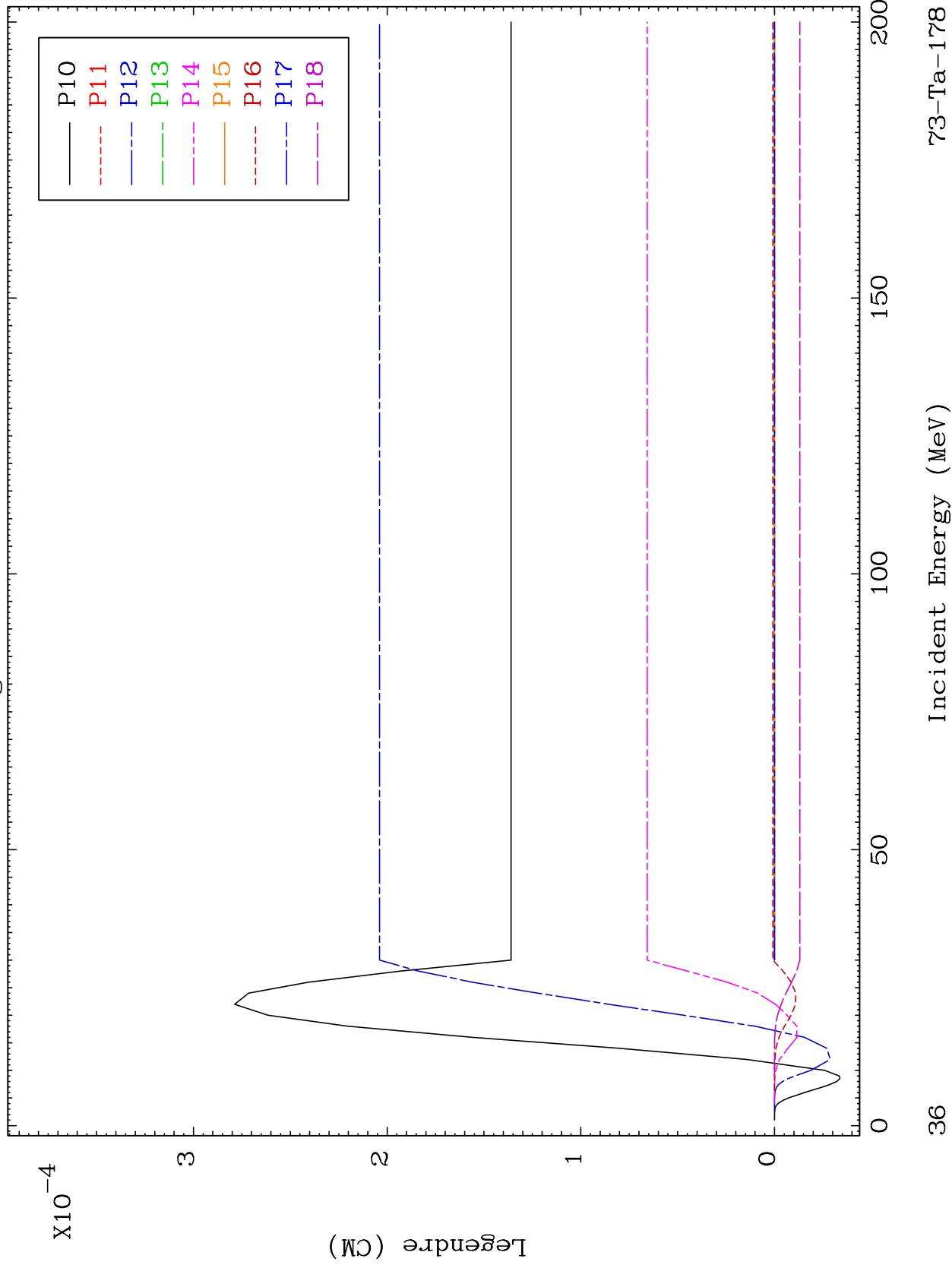




MAT 7319

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

73-Ta-178

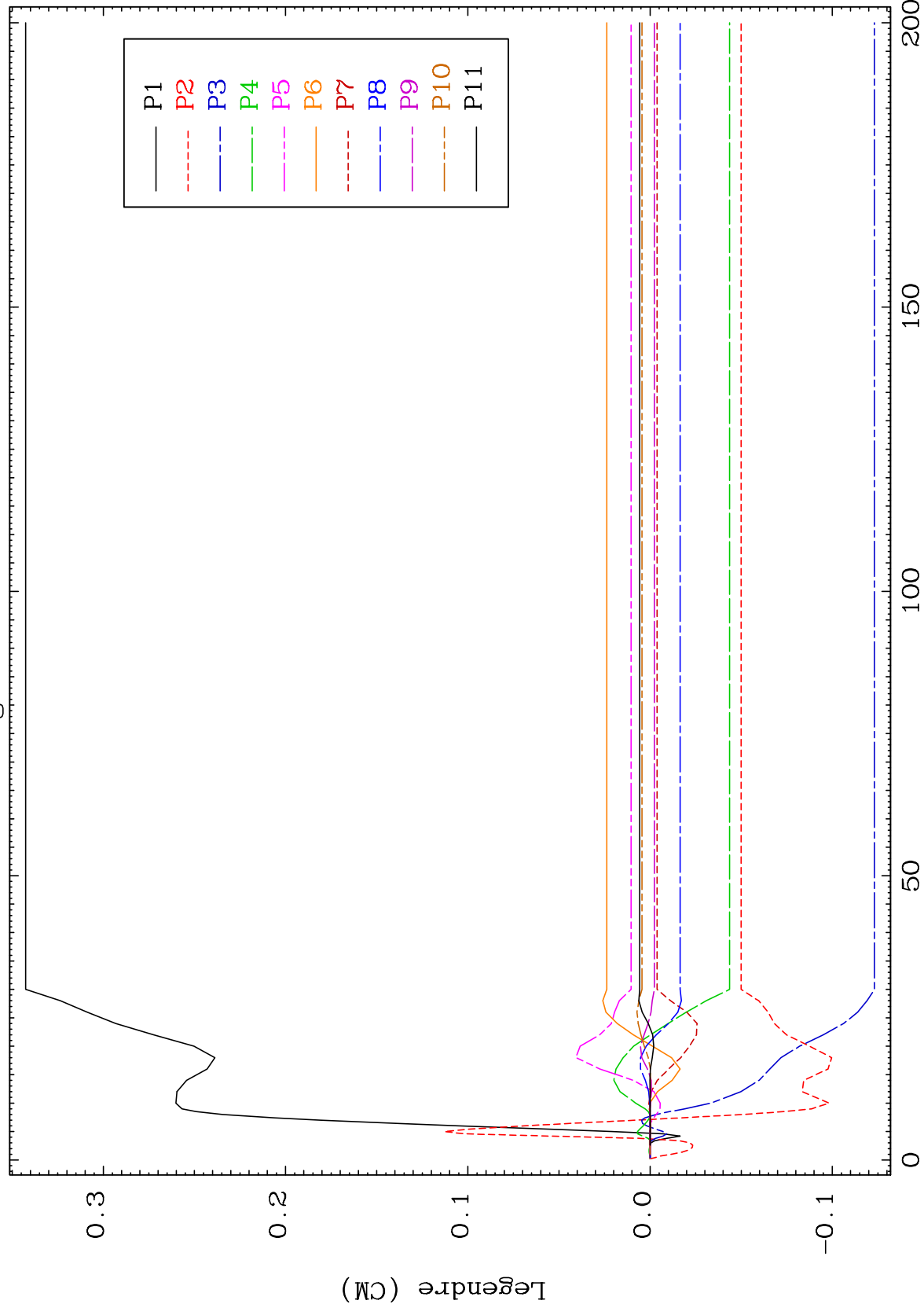




MAT 7319

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

73-Ta-178



38

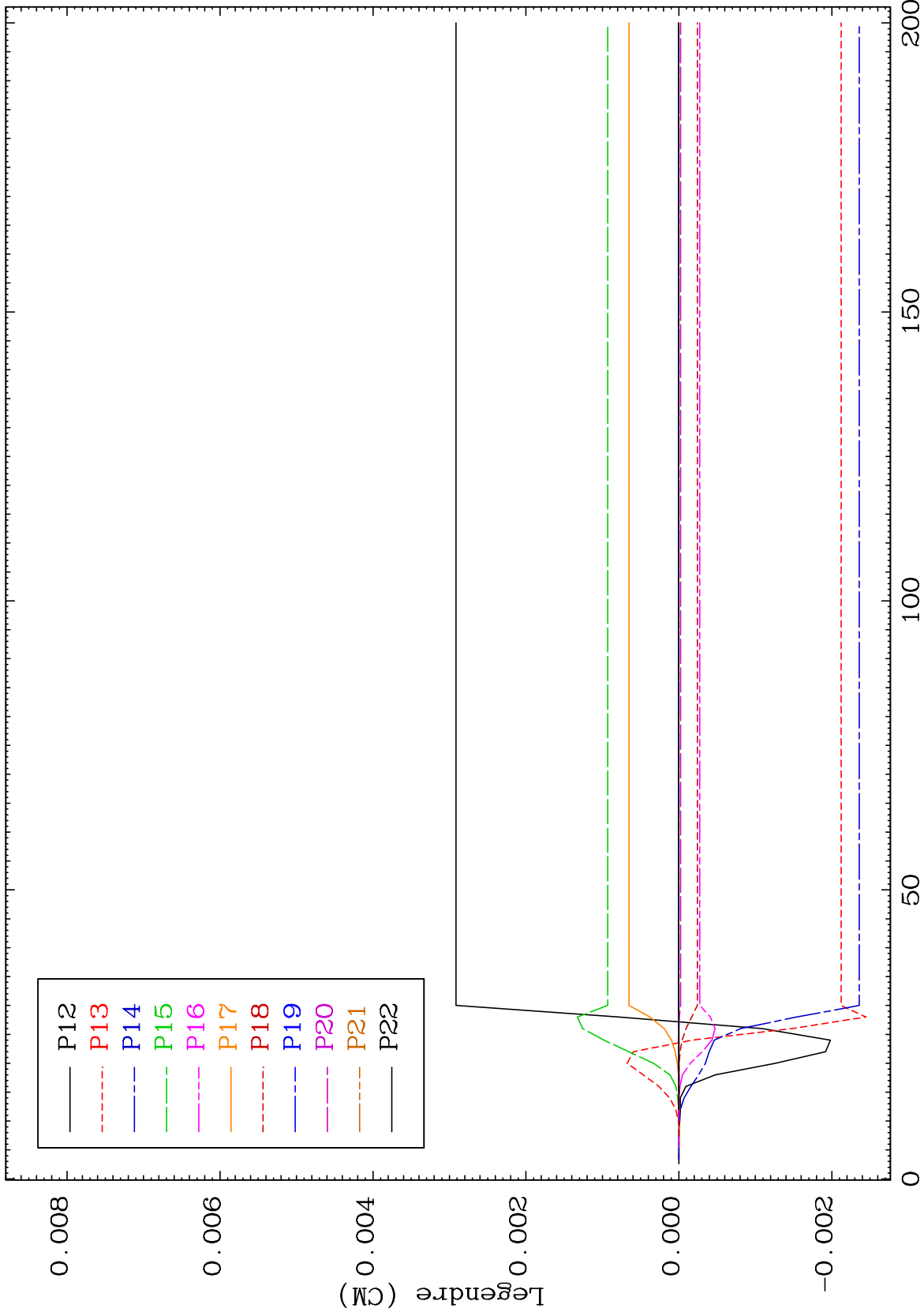
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

73-Ta-178



39

Incident Energy (MeV)

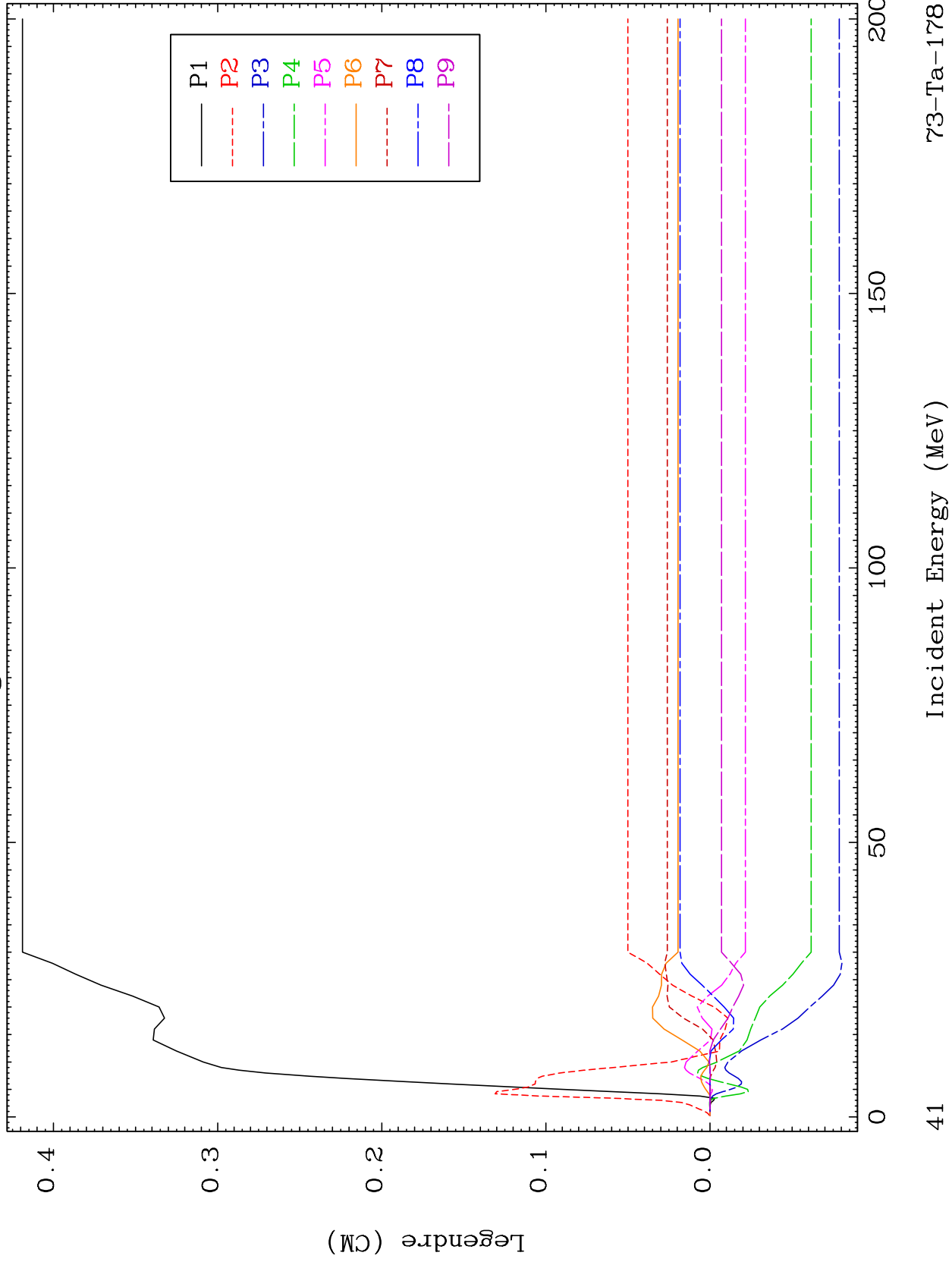
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MAT 7319

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

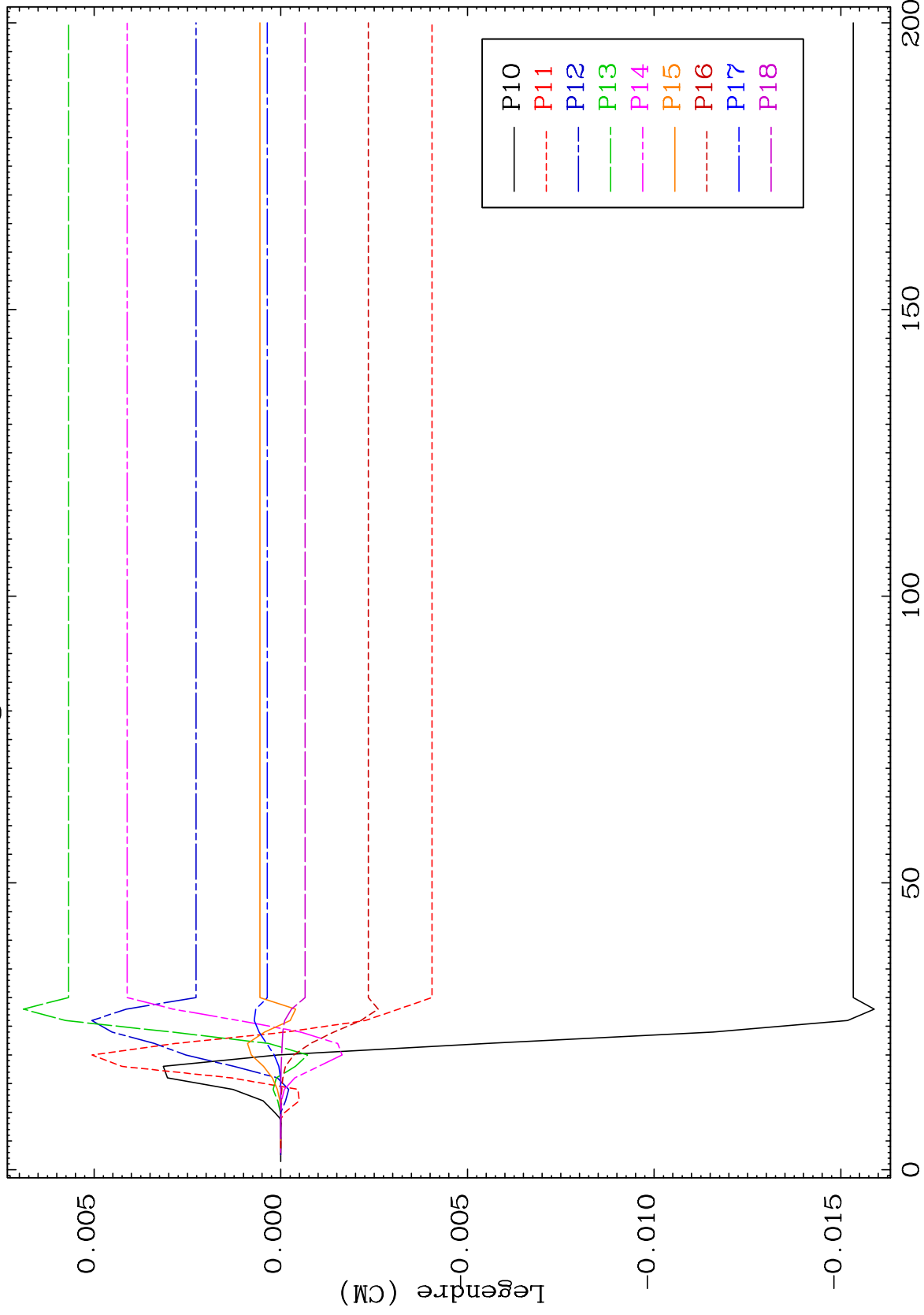
73-Ta-178



MAT 7319

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

73-Ta-178



42

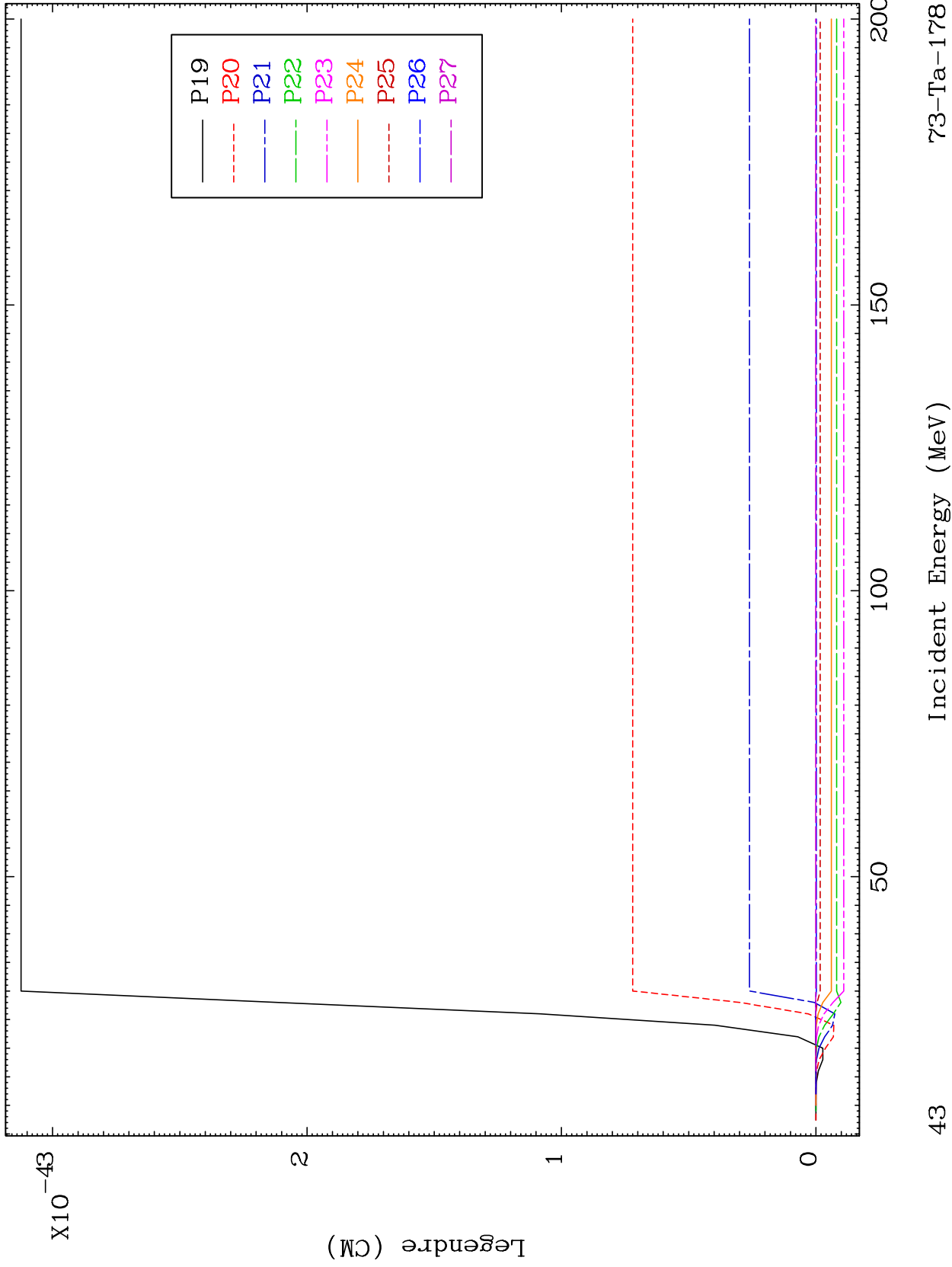
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

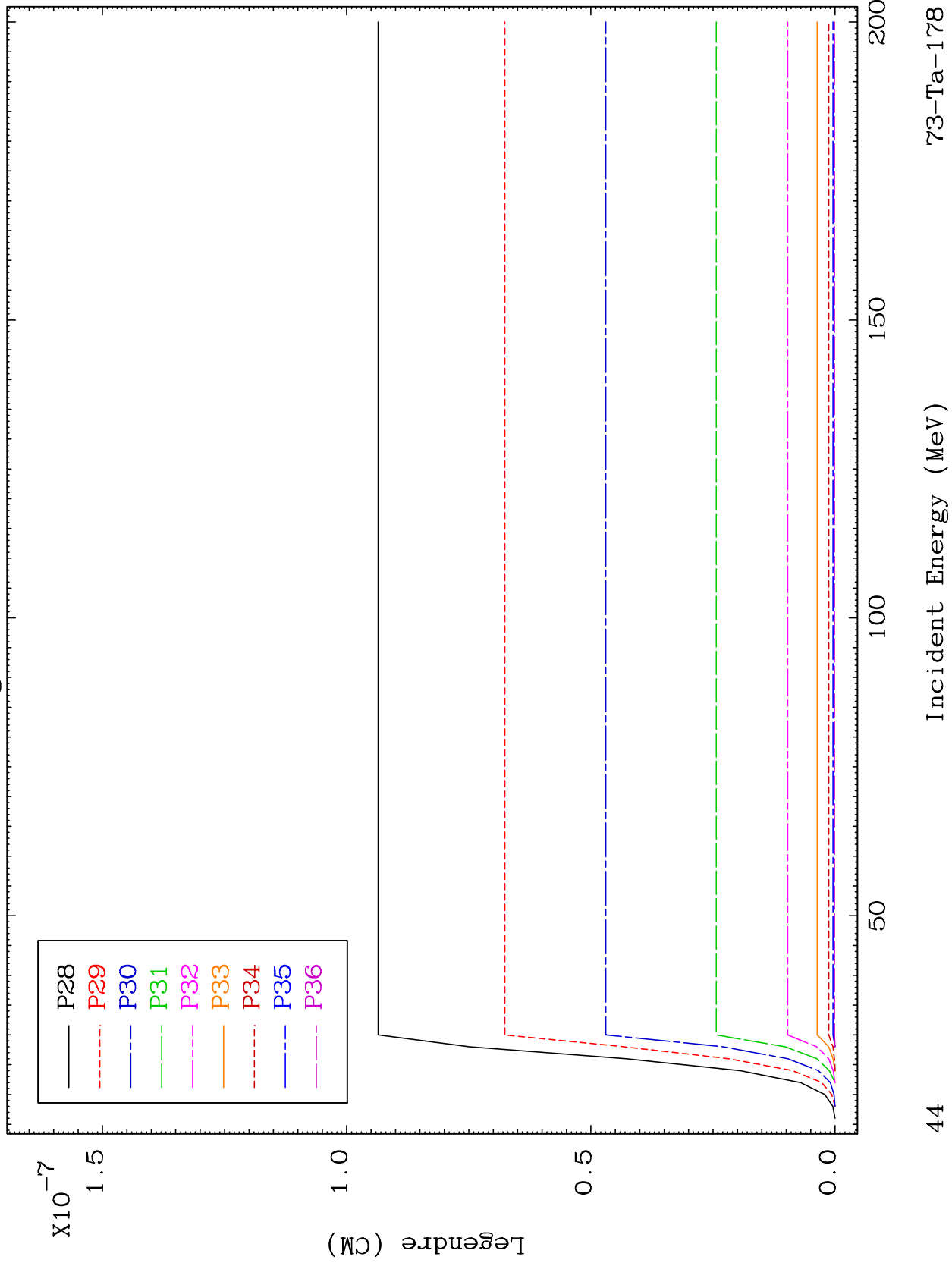
73-Ta-178



MAT 7319

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

73-Ta-178



44

Incident Energy (MeV)

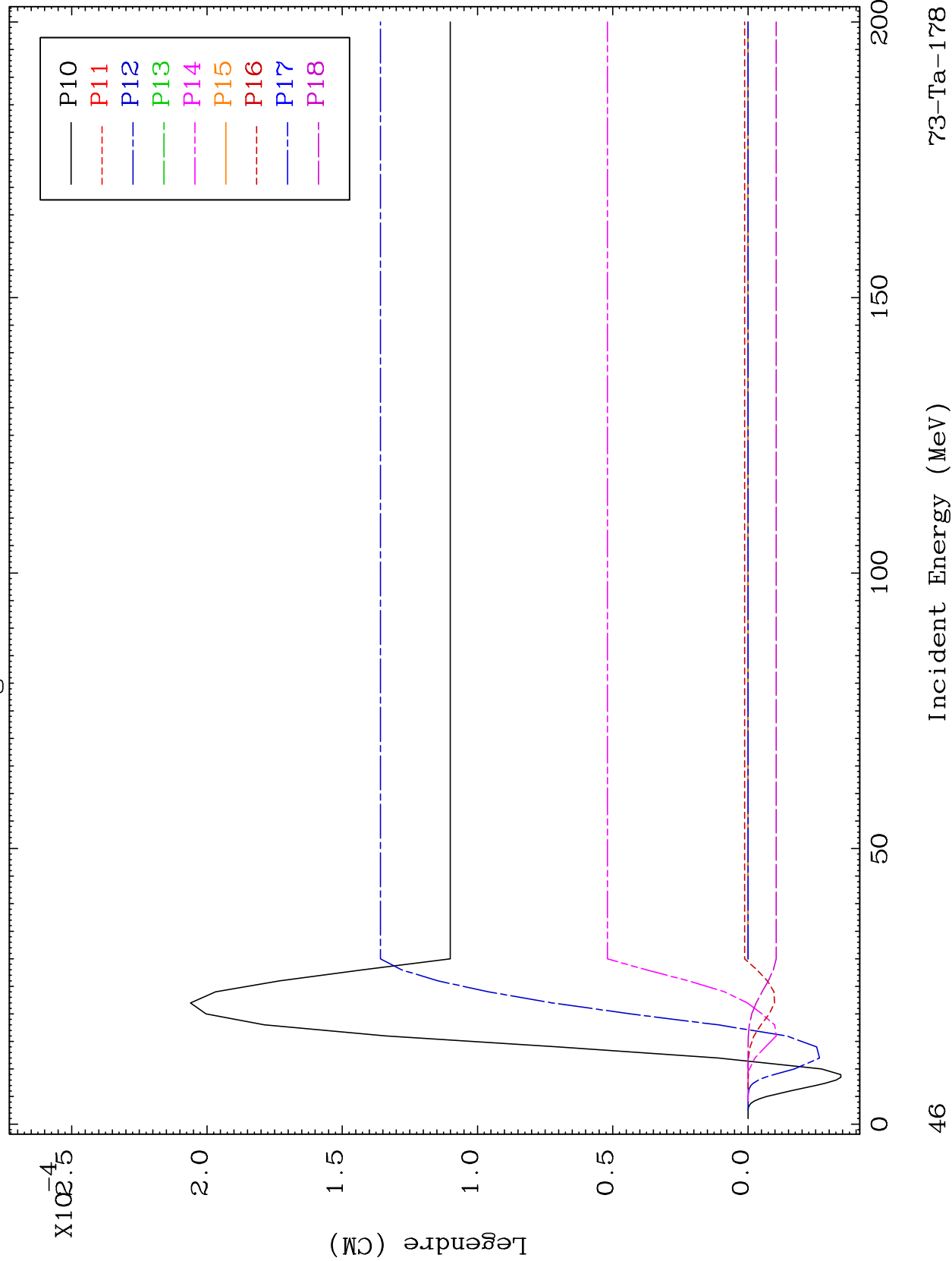
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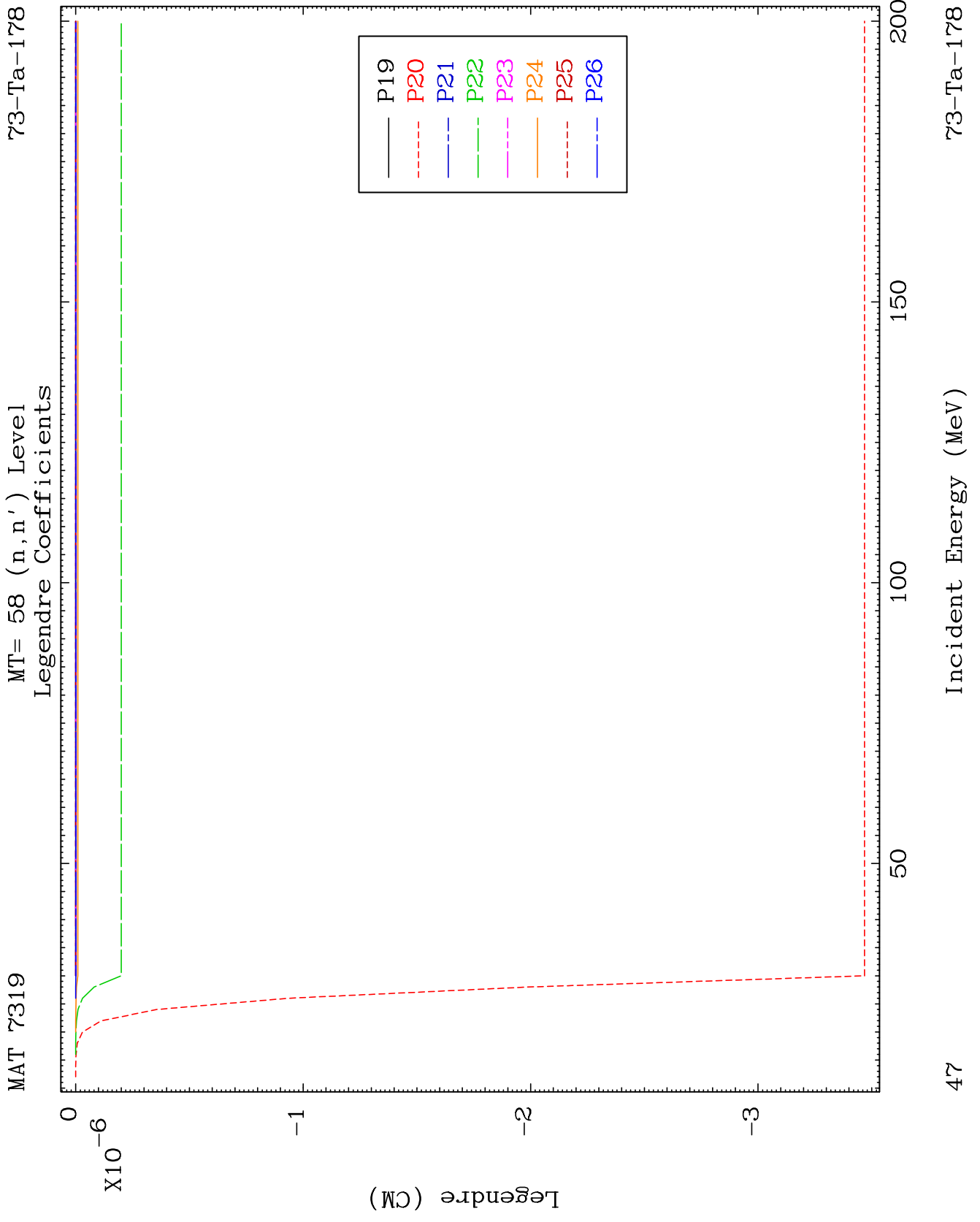


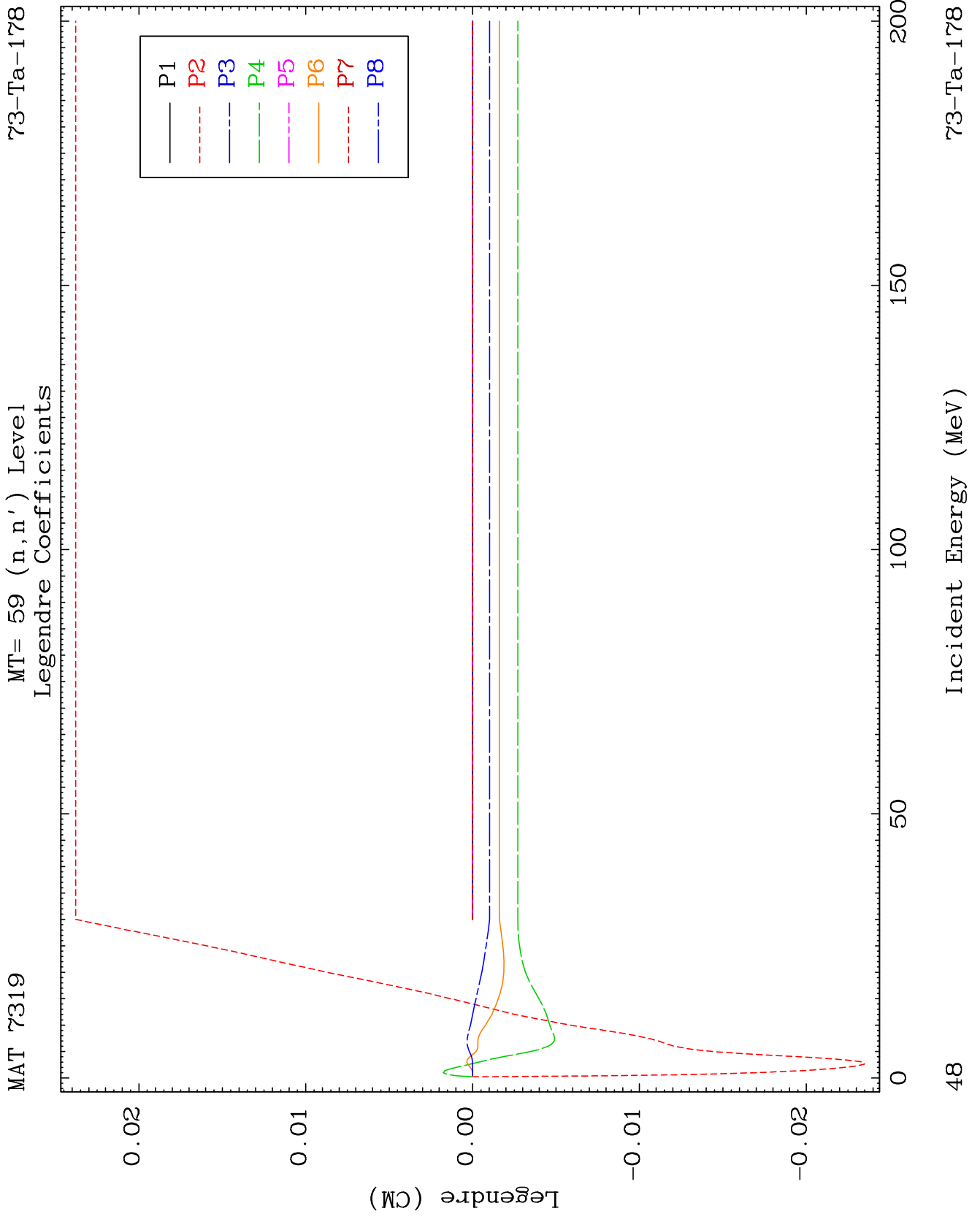
MAT 7319

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

73-Ta-178



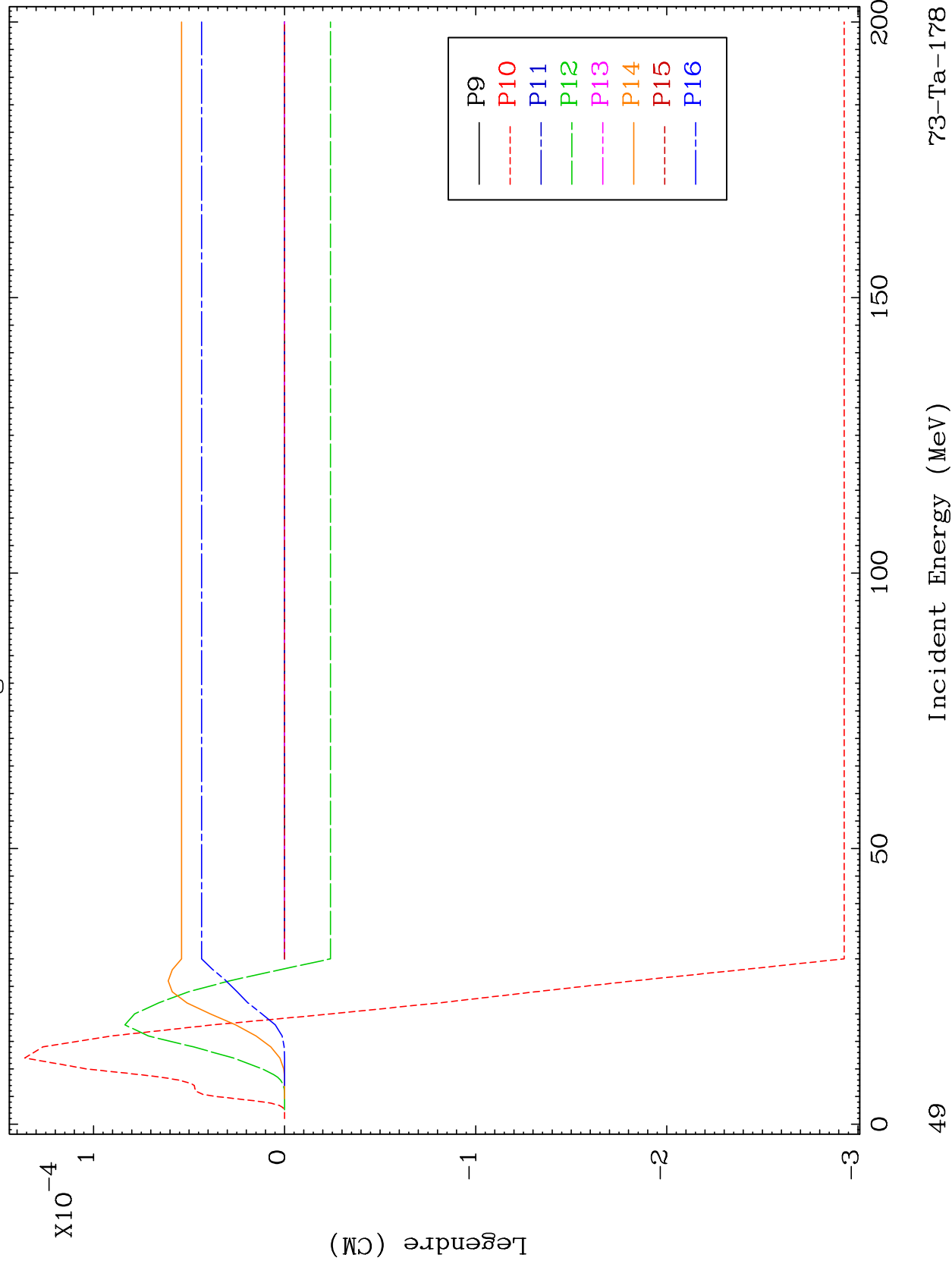




MAT 7319

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

73-Ta-178



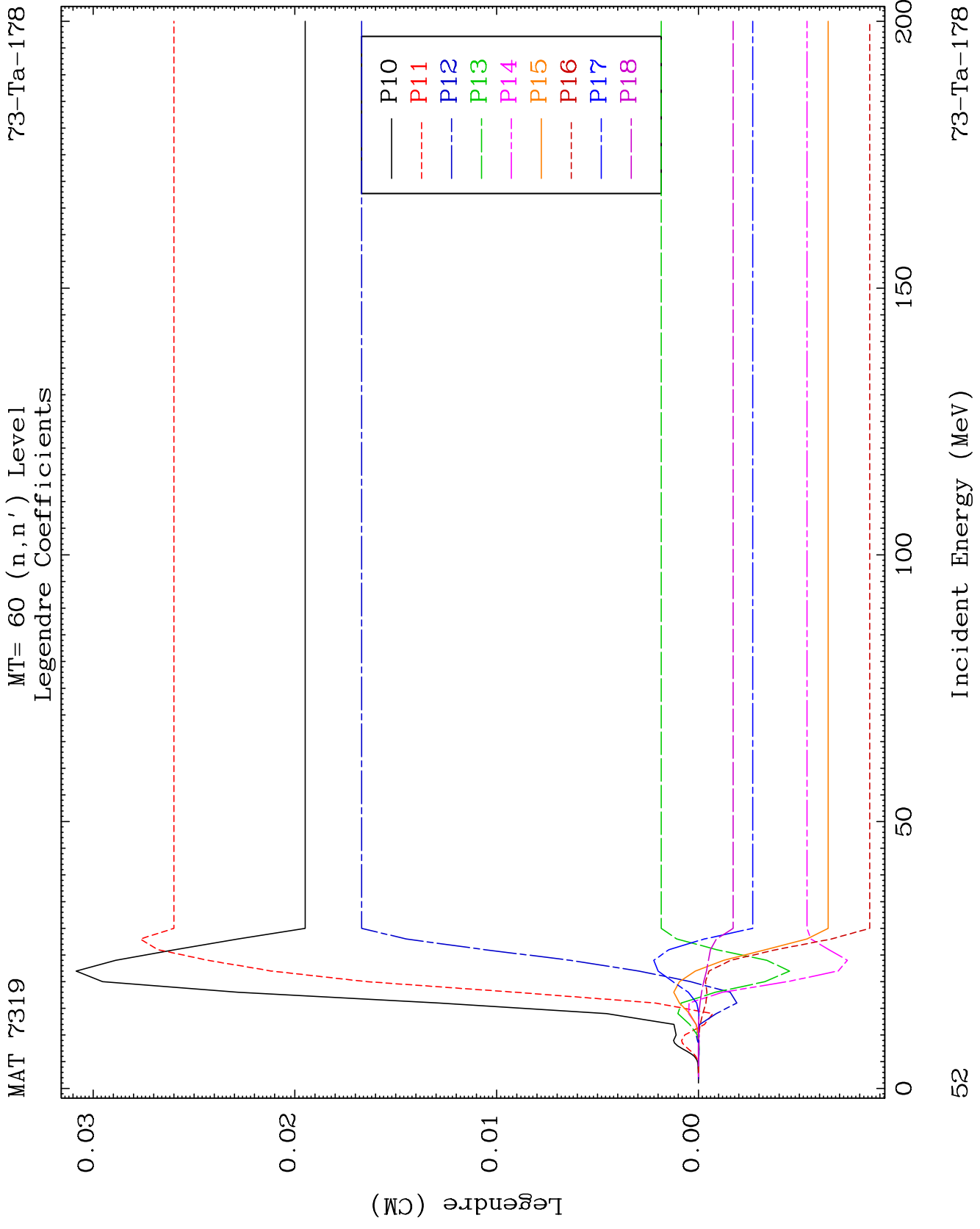
73-Ta-178

Incident Energy (MeV)

49



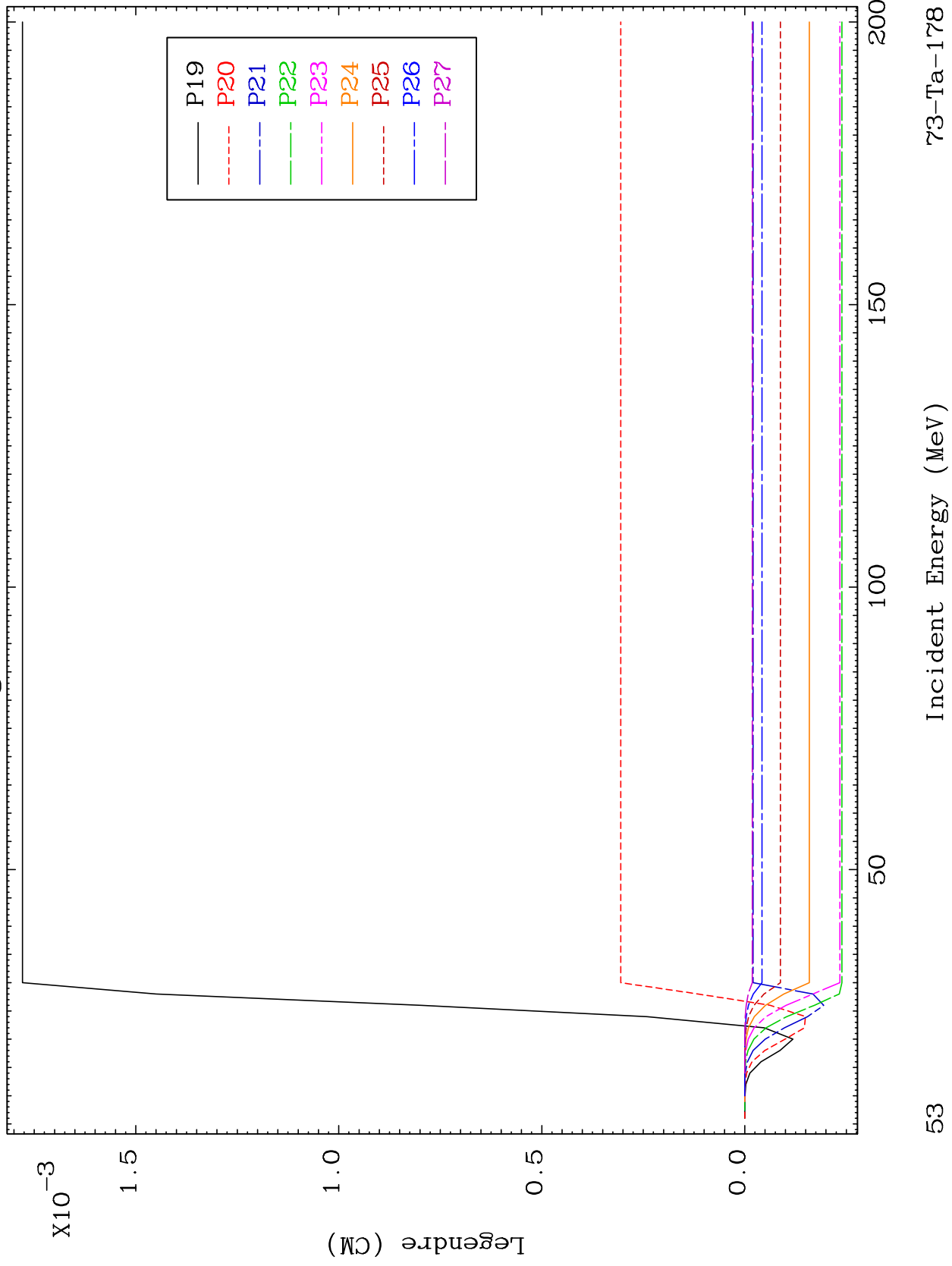




MAT 7319

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

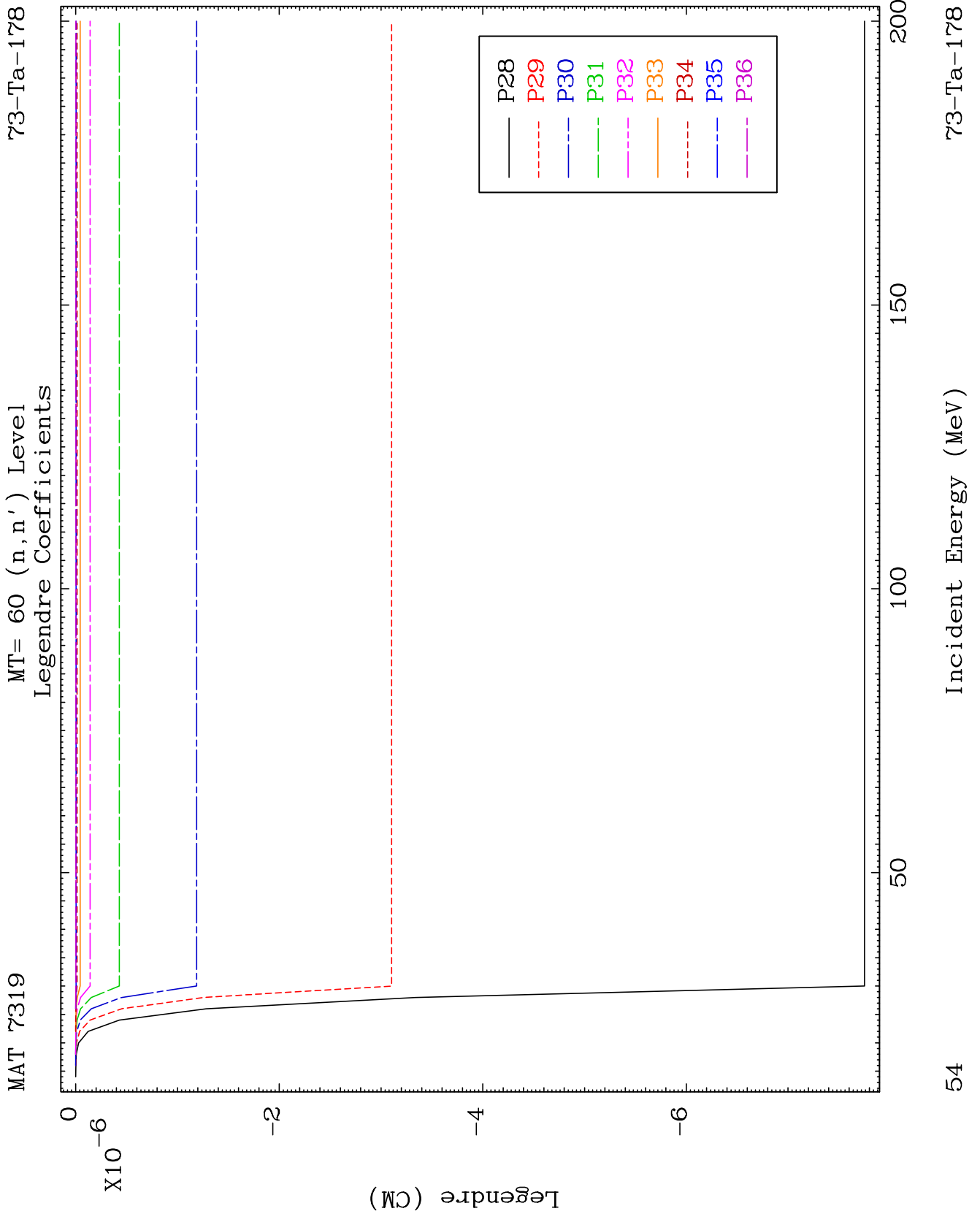
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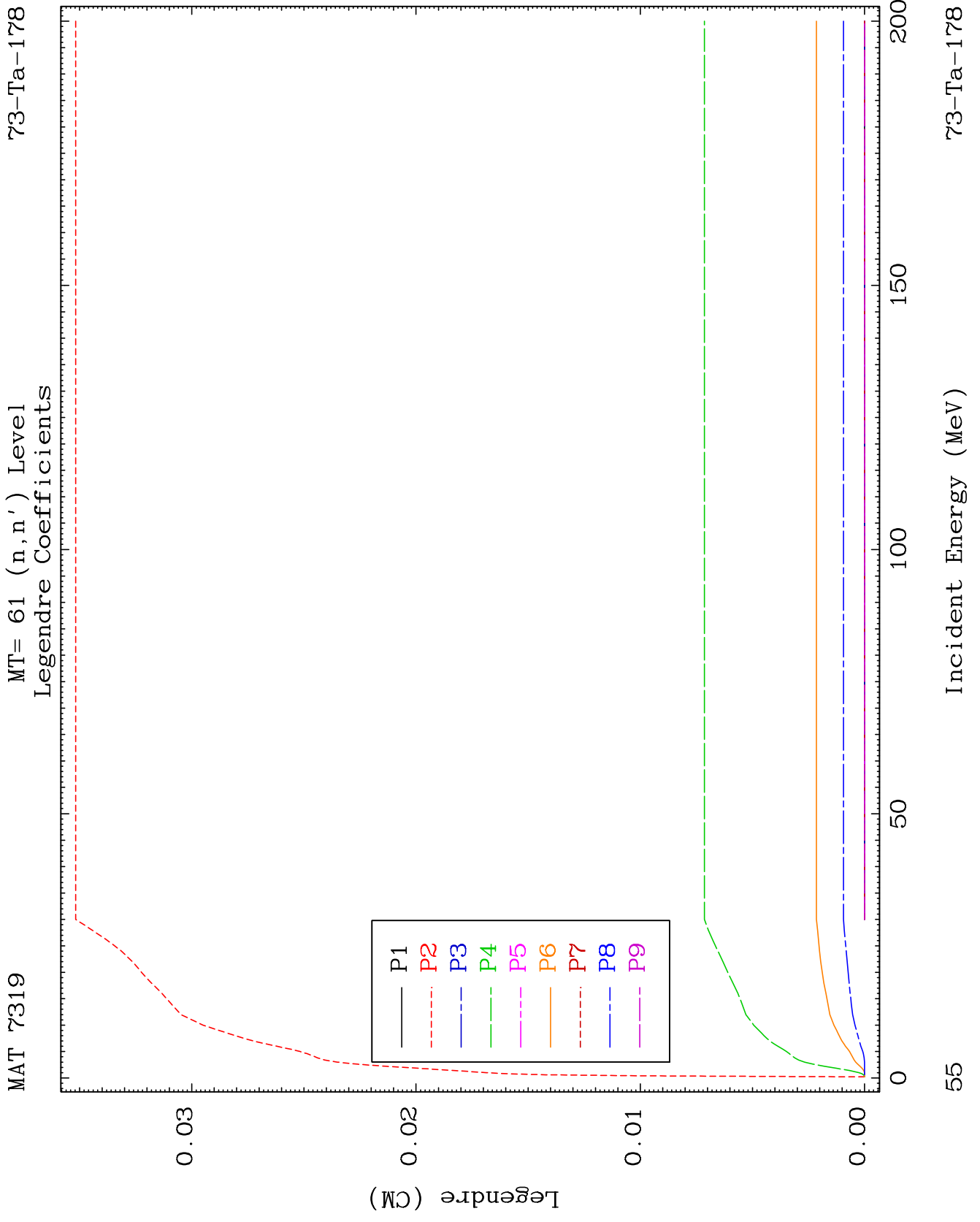


53

Incident Energy (MeV)

73-Ta-178

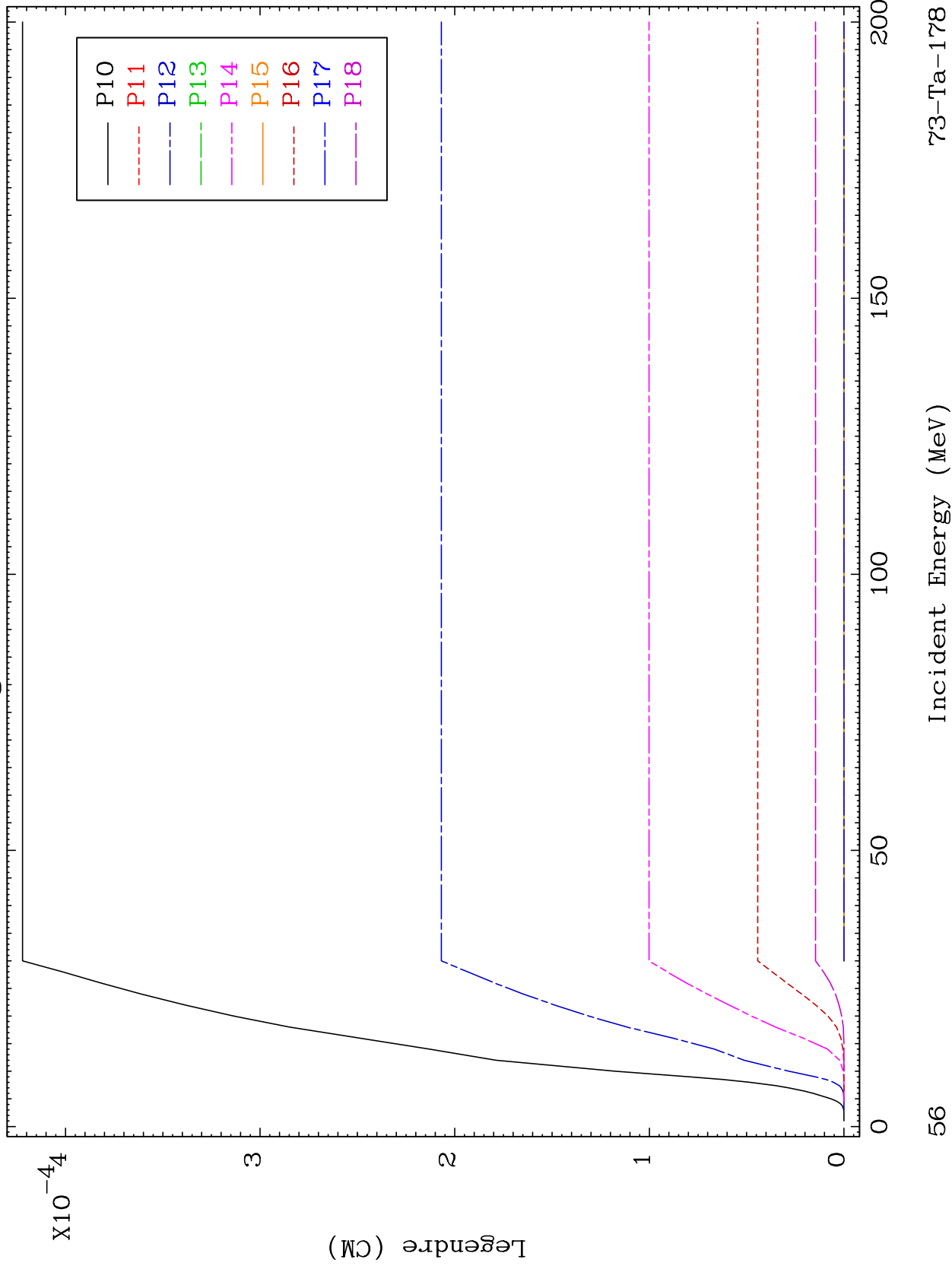




MAT 7319

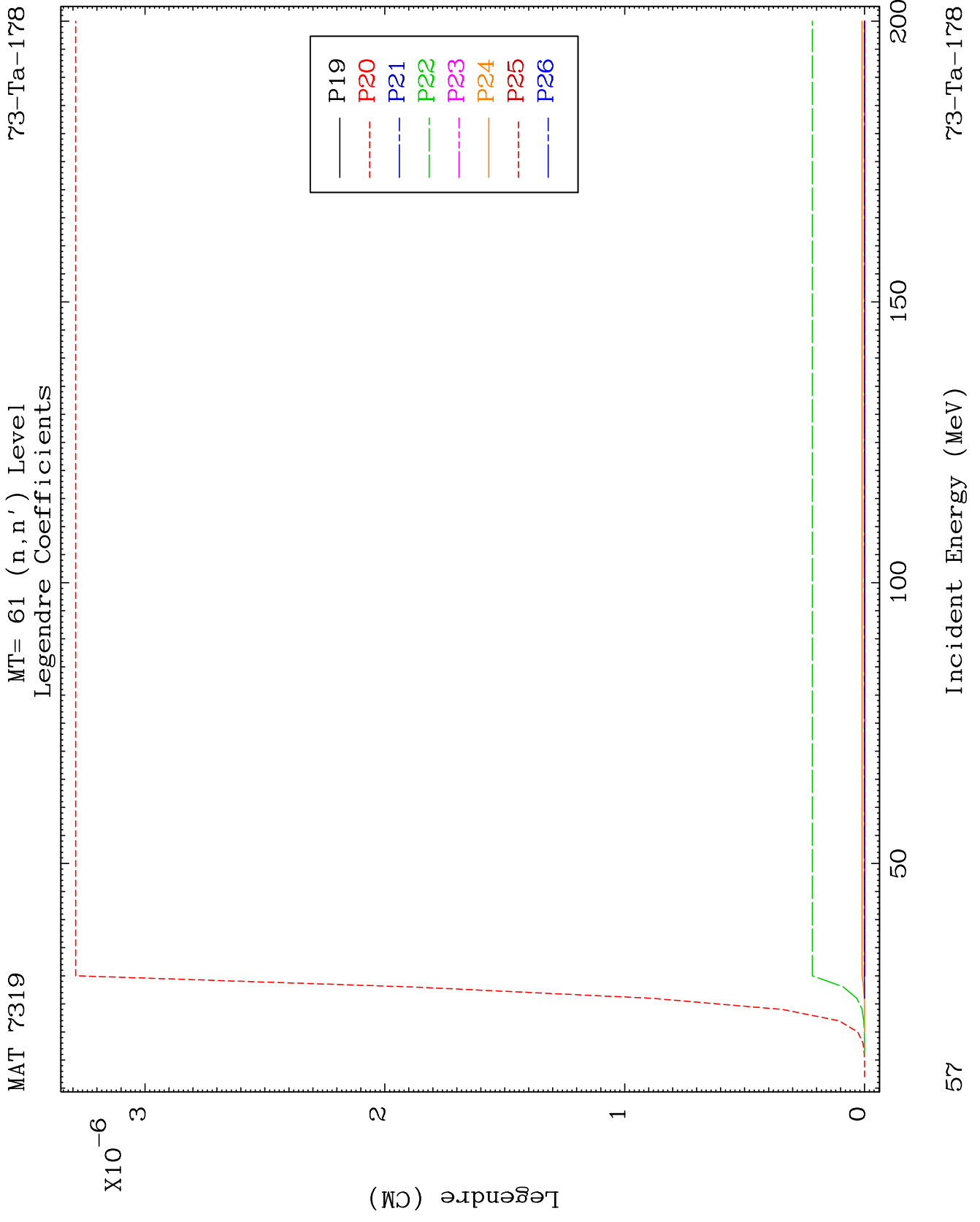
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Legendre Coefficients

73-Ta-178



56

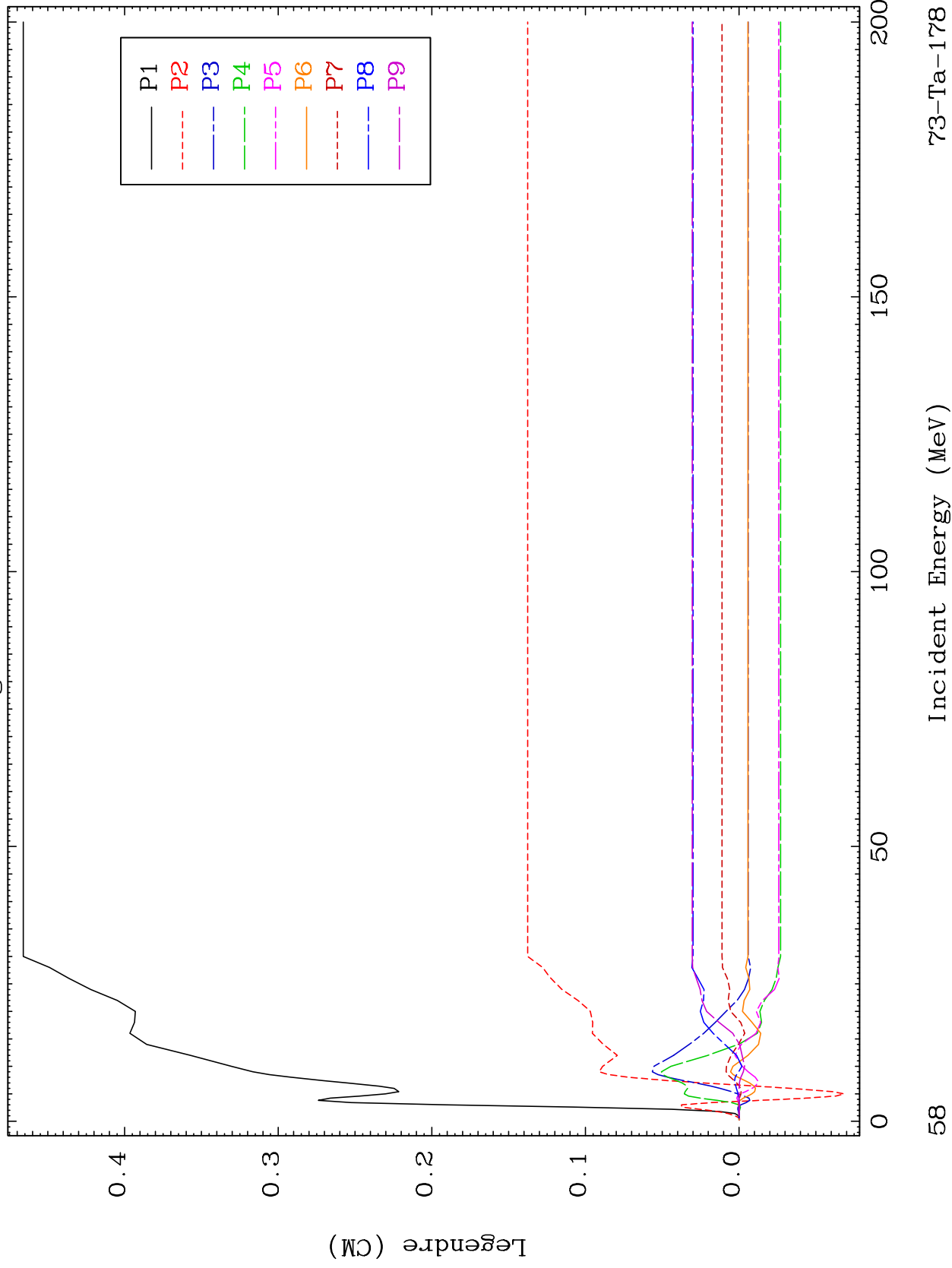
73-Ta-178



MAT 7319

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

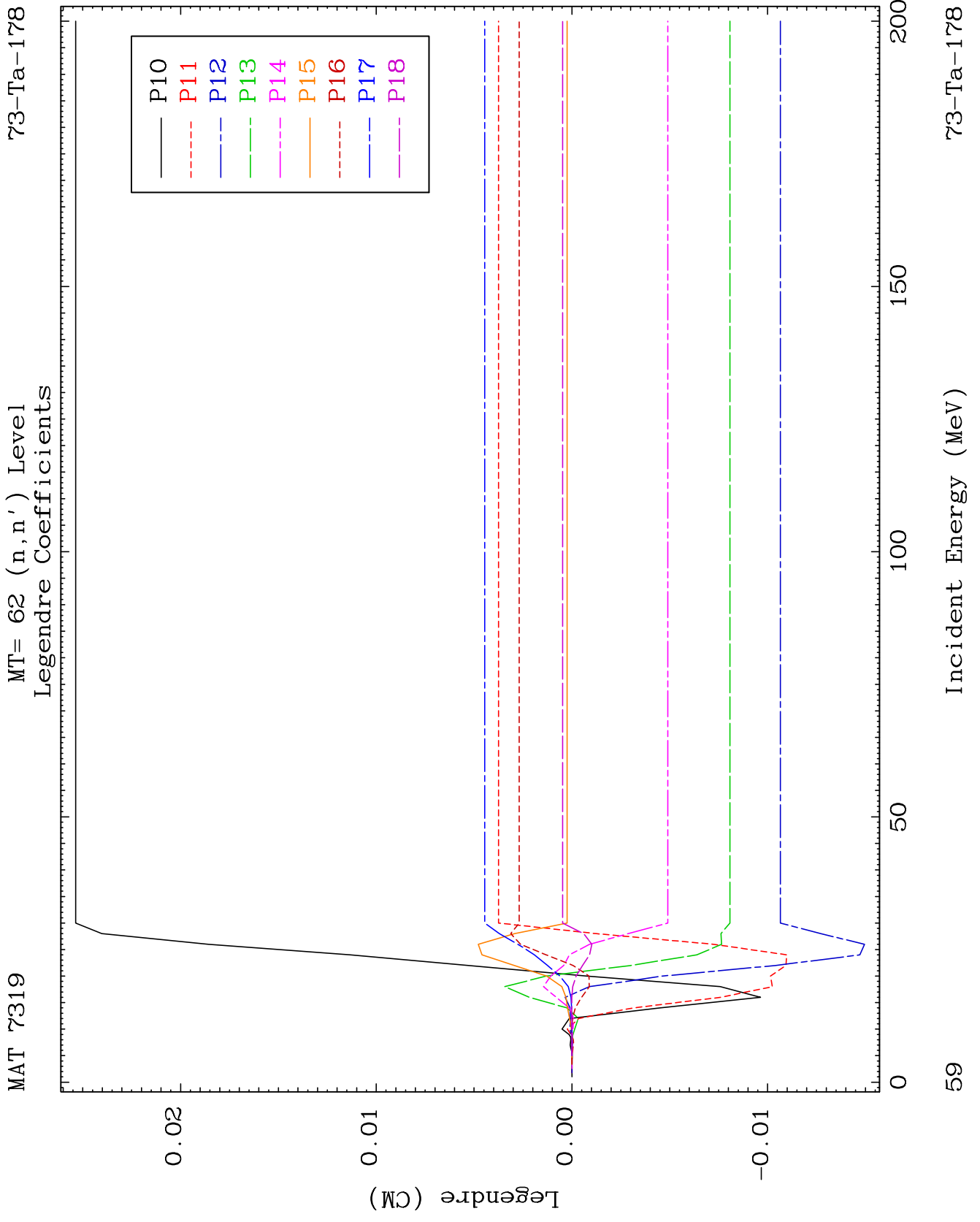
73-Ta-178

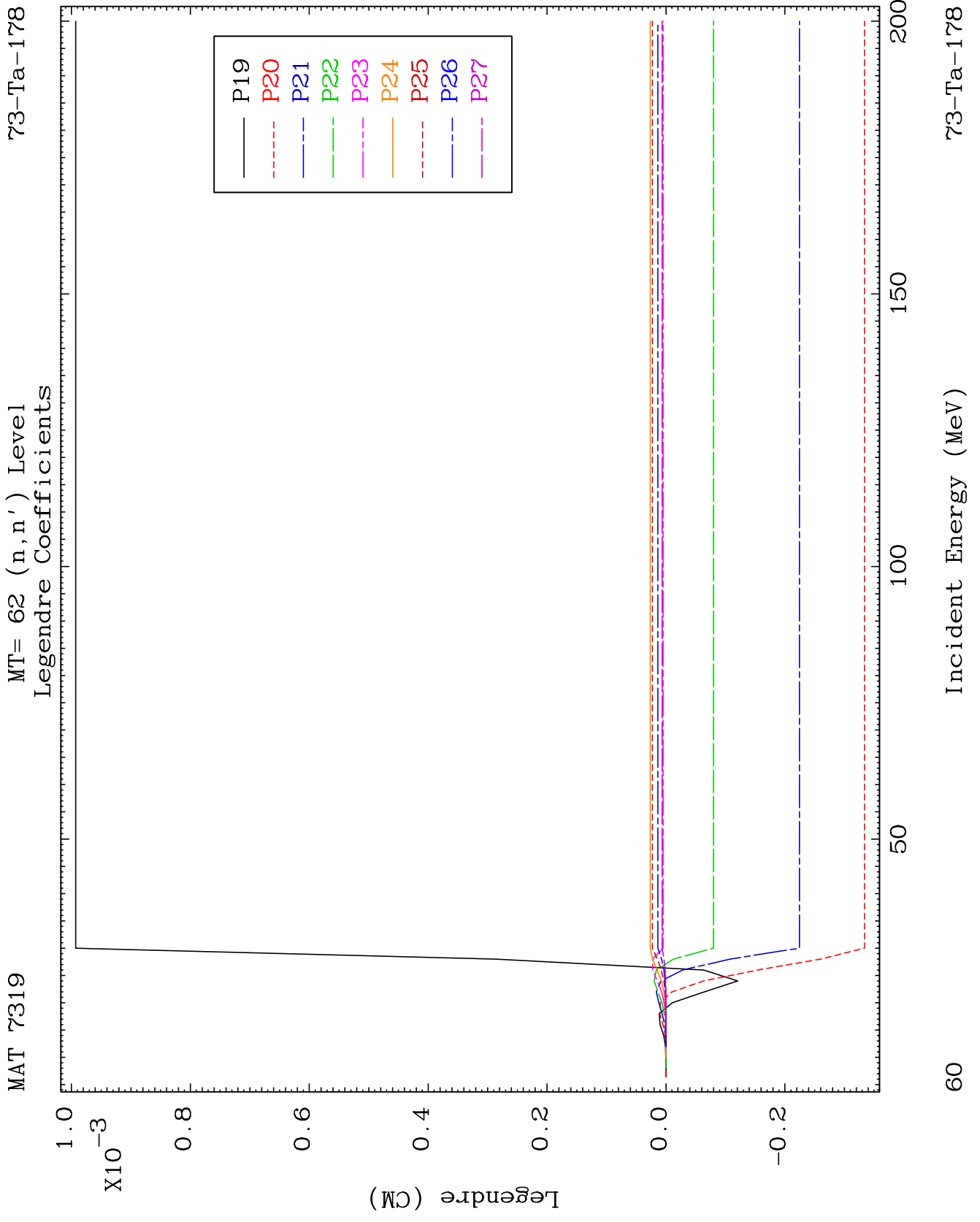


73-Ta-178

Incident Energy (MeV)

58

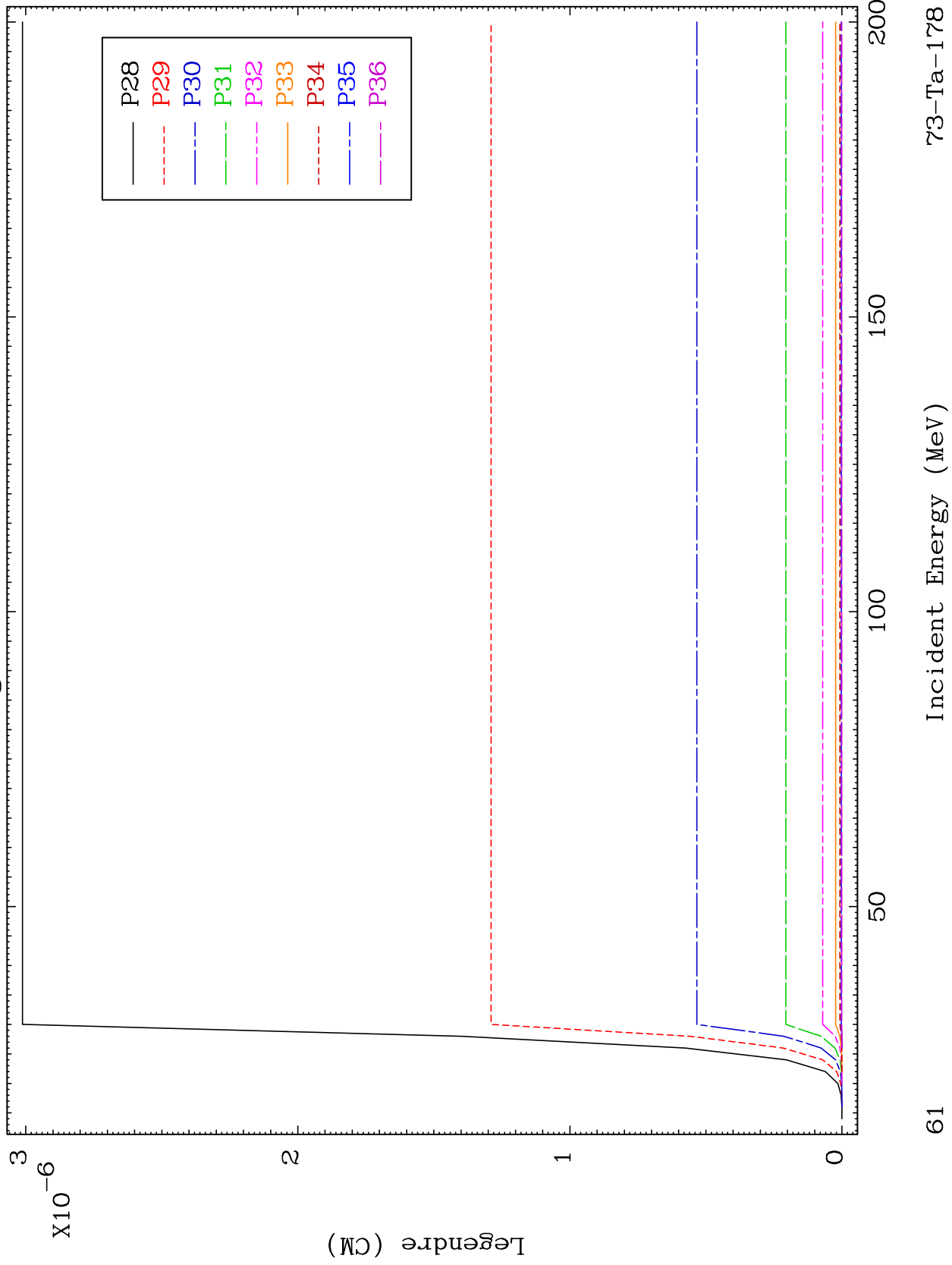




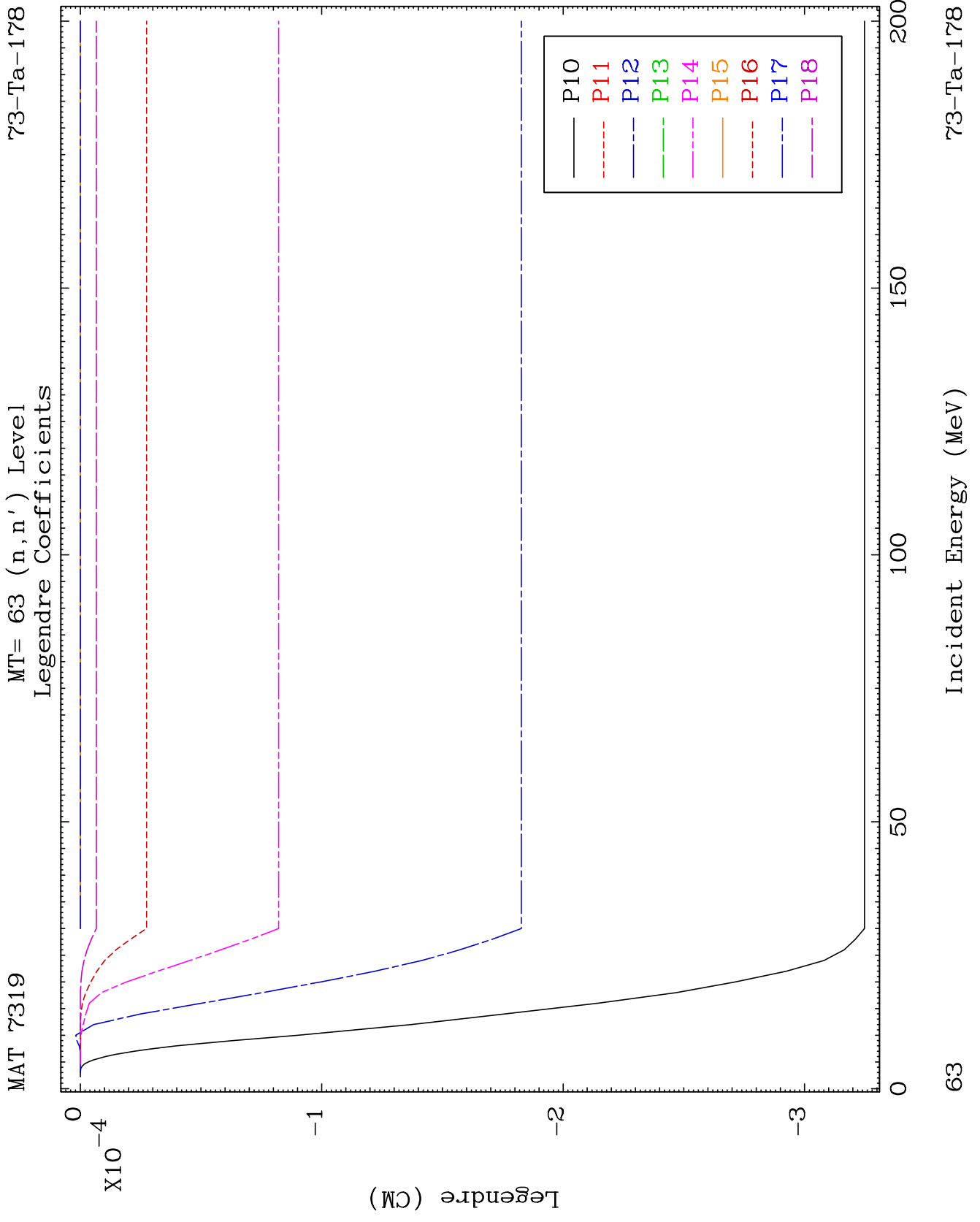
MAT 7319

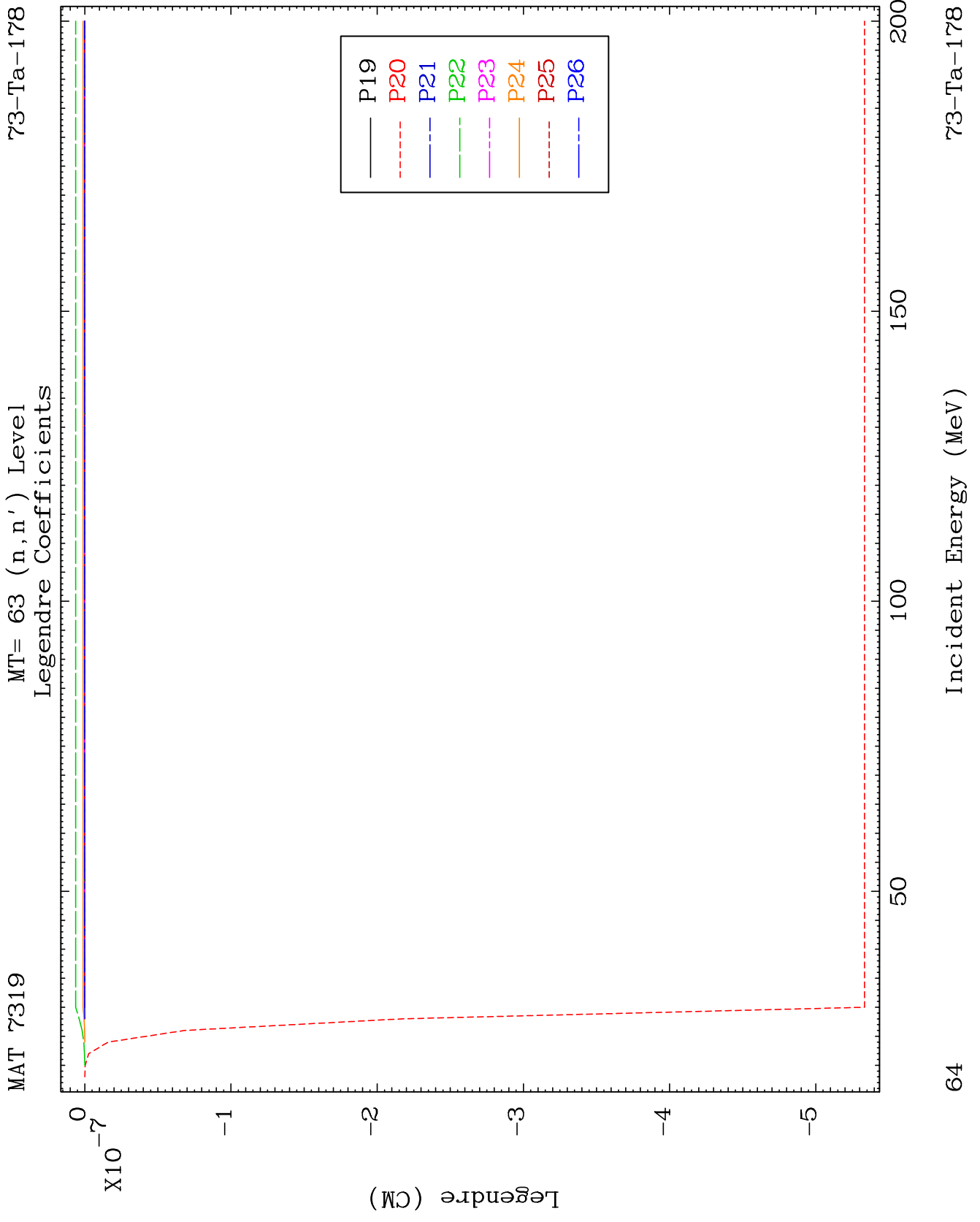
MT= 62 (n,n') Level  
Legendre Coefficients

73-Ta-178





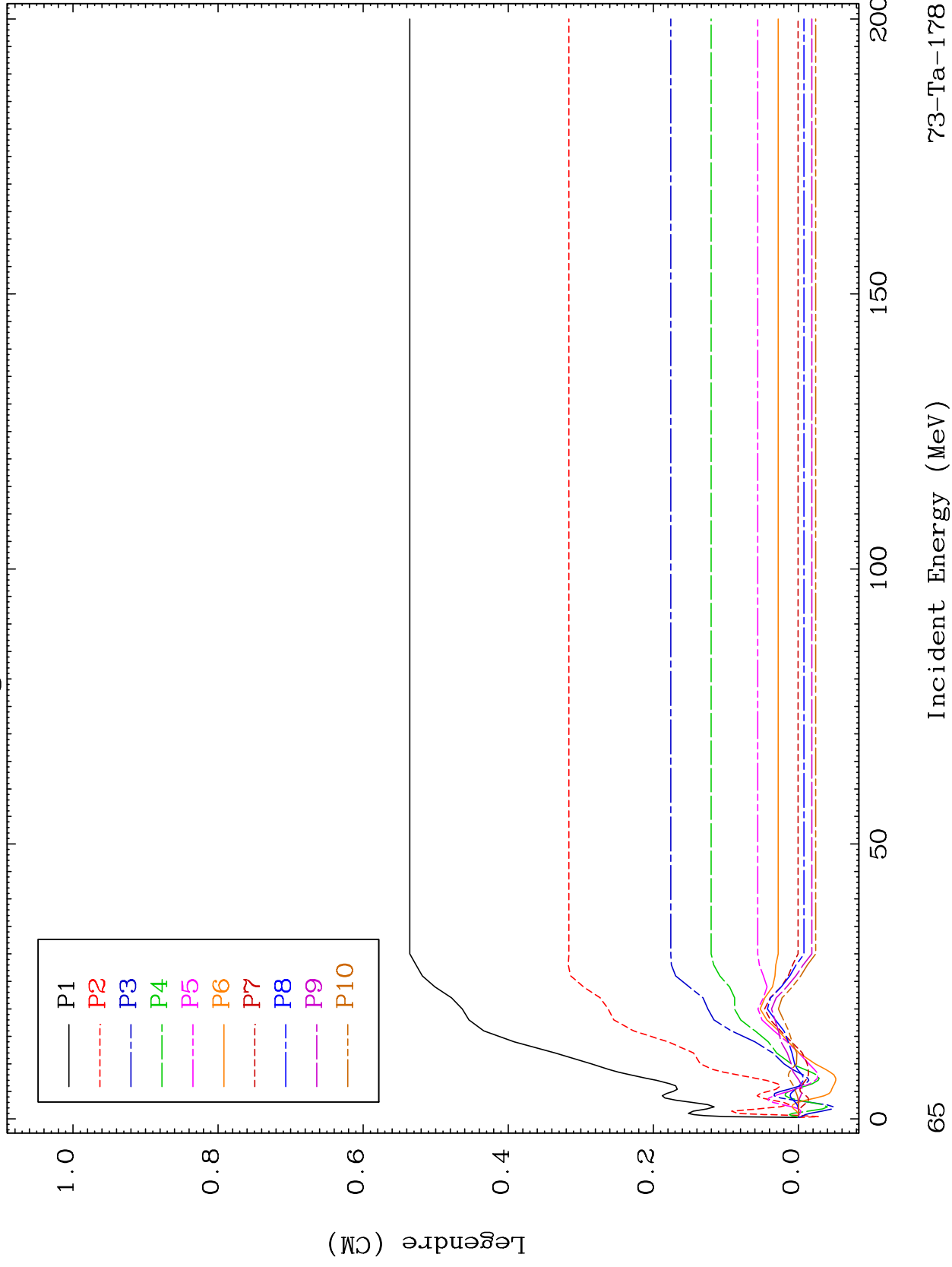




MAT 7319

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

<sup>73</sup>Ta-178

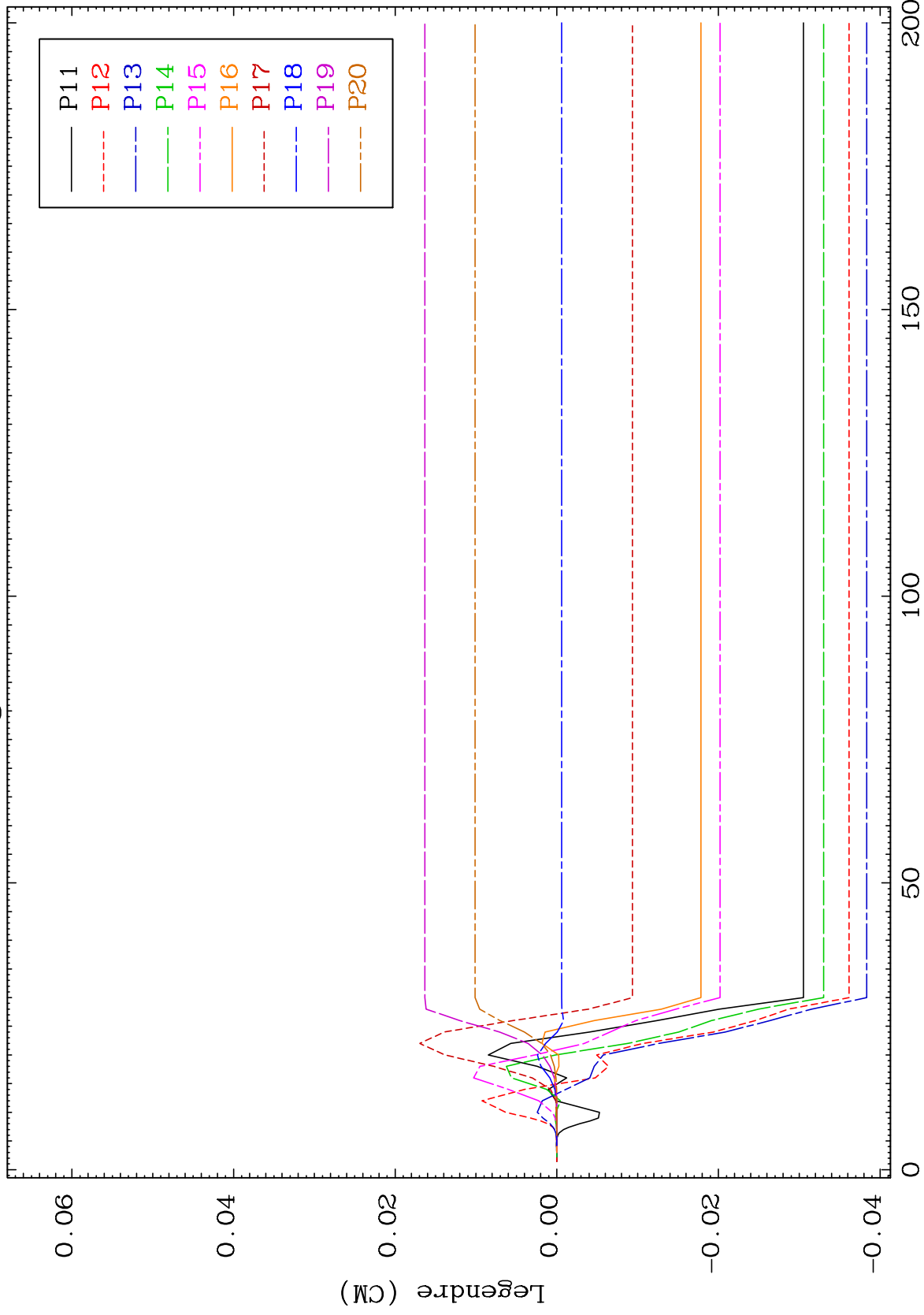


65

MAT 7319

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

73-Ta-178



66

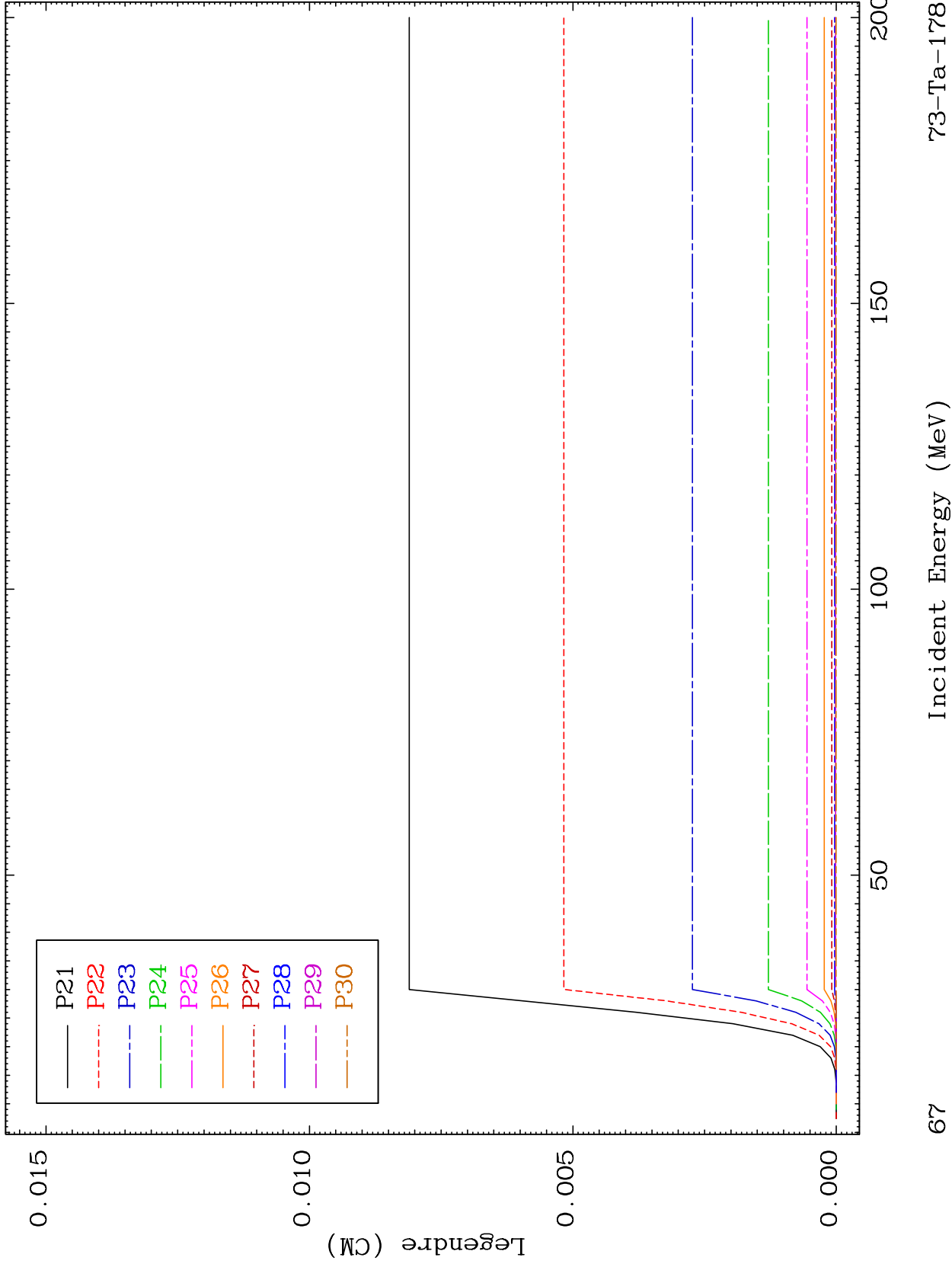
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

<sup>73</sup>Ta-178



67

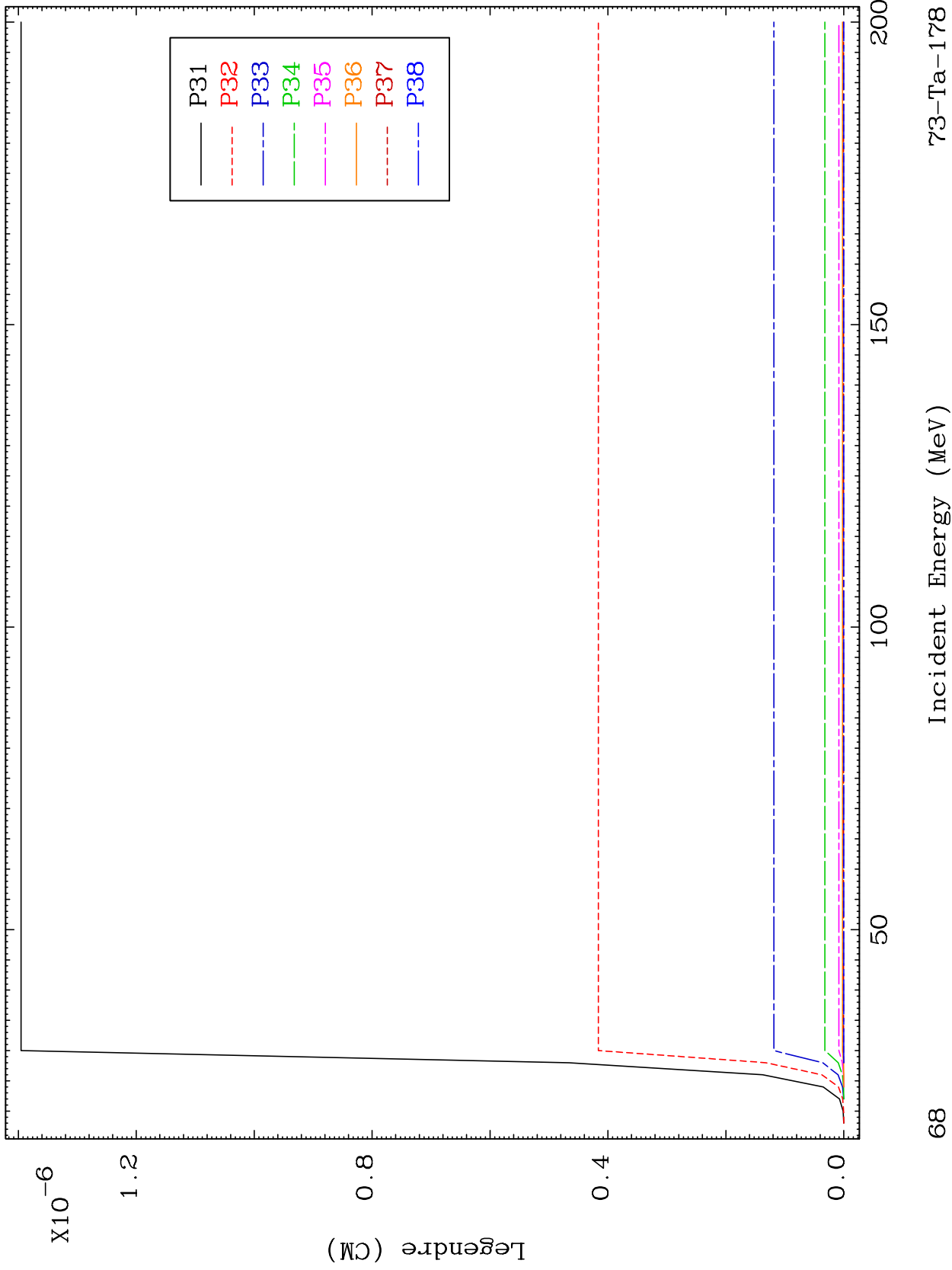
Incident Energy (MeV)

<sup>73</sup>Ta-178

MAT 7319

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

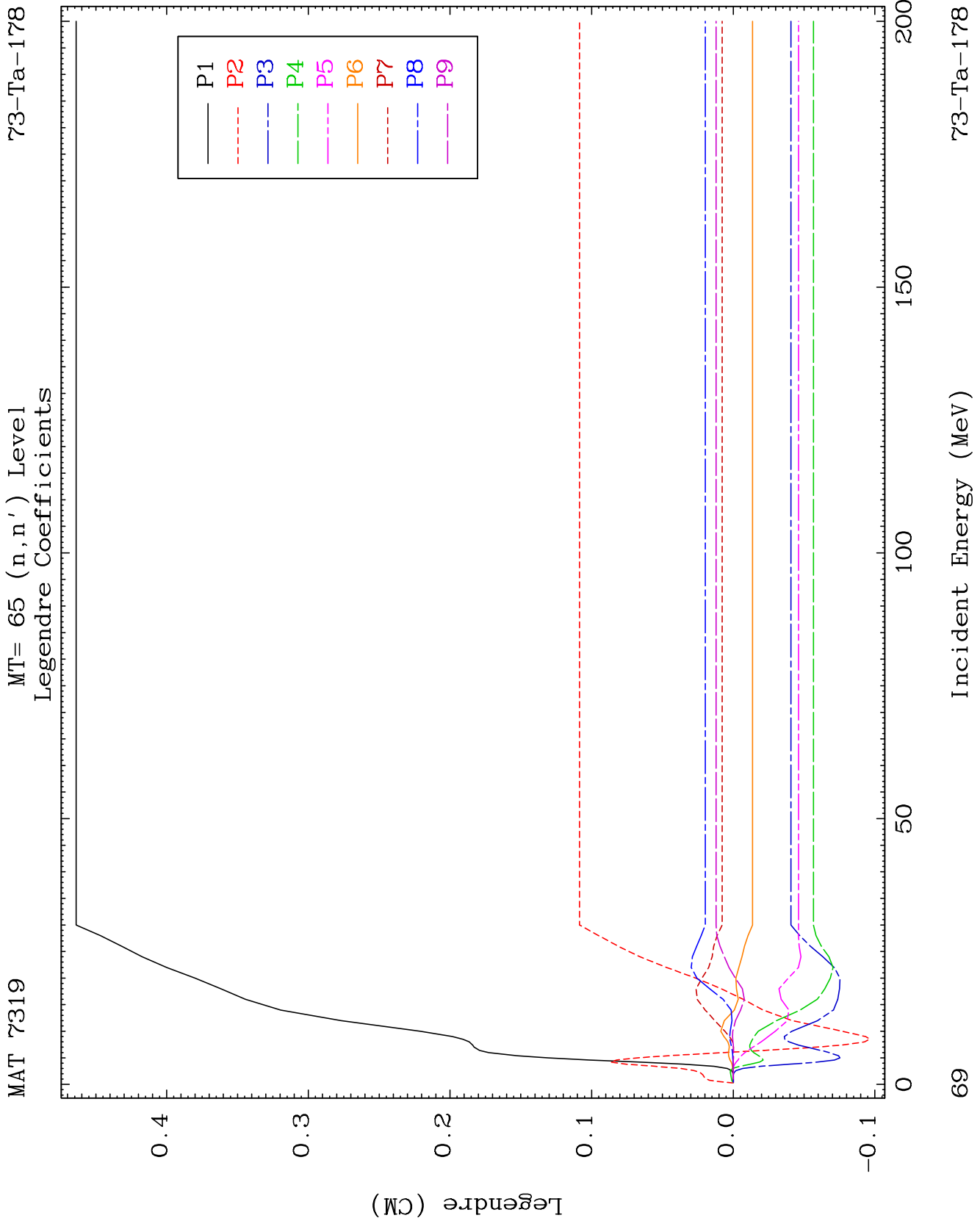
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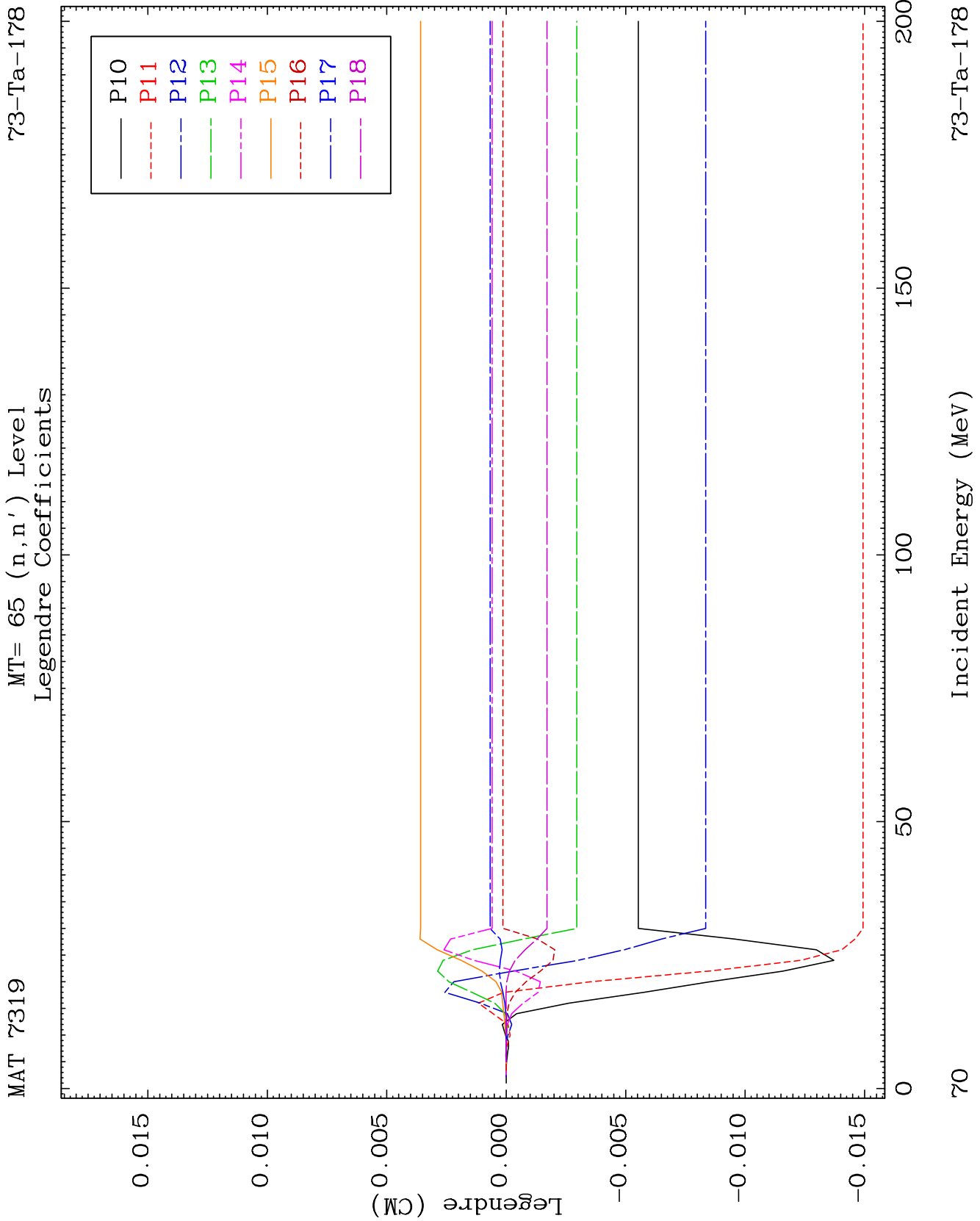


68

Incident Energy (MeV)

73-Ta-178

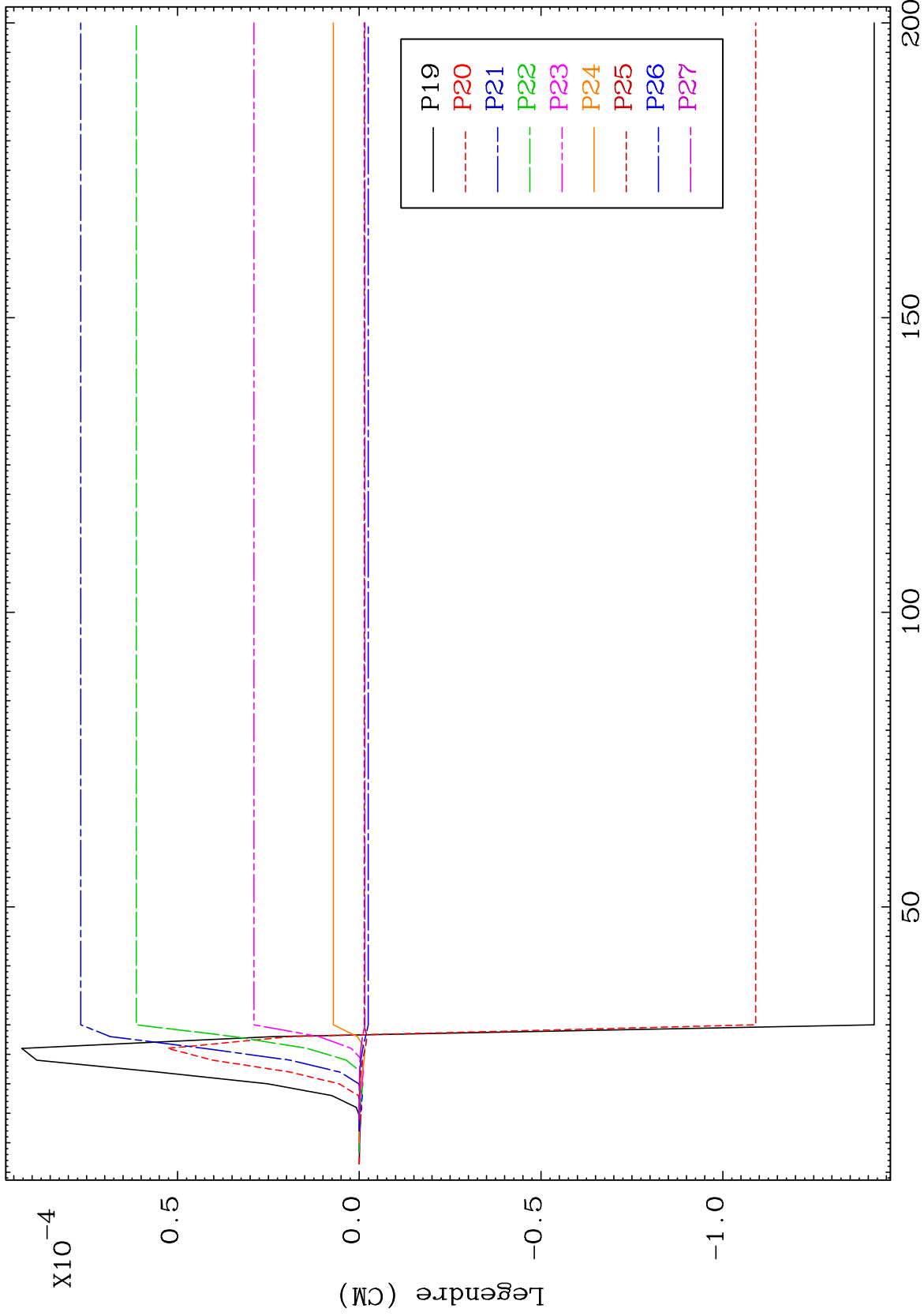




MAT 7319

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

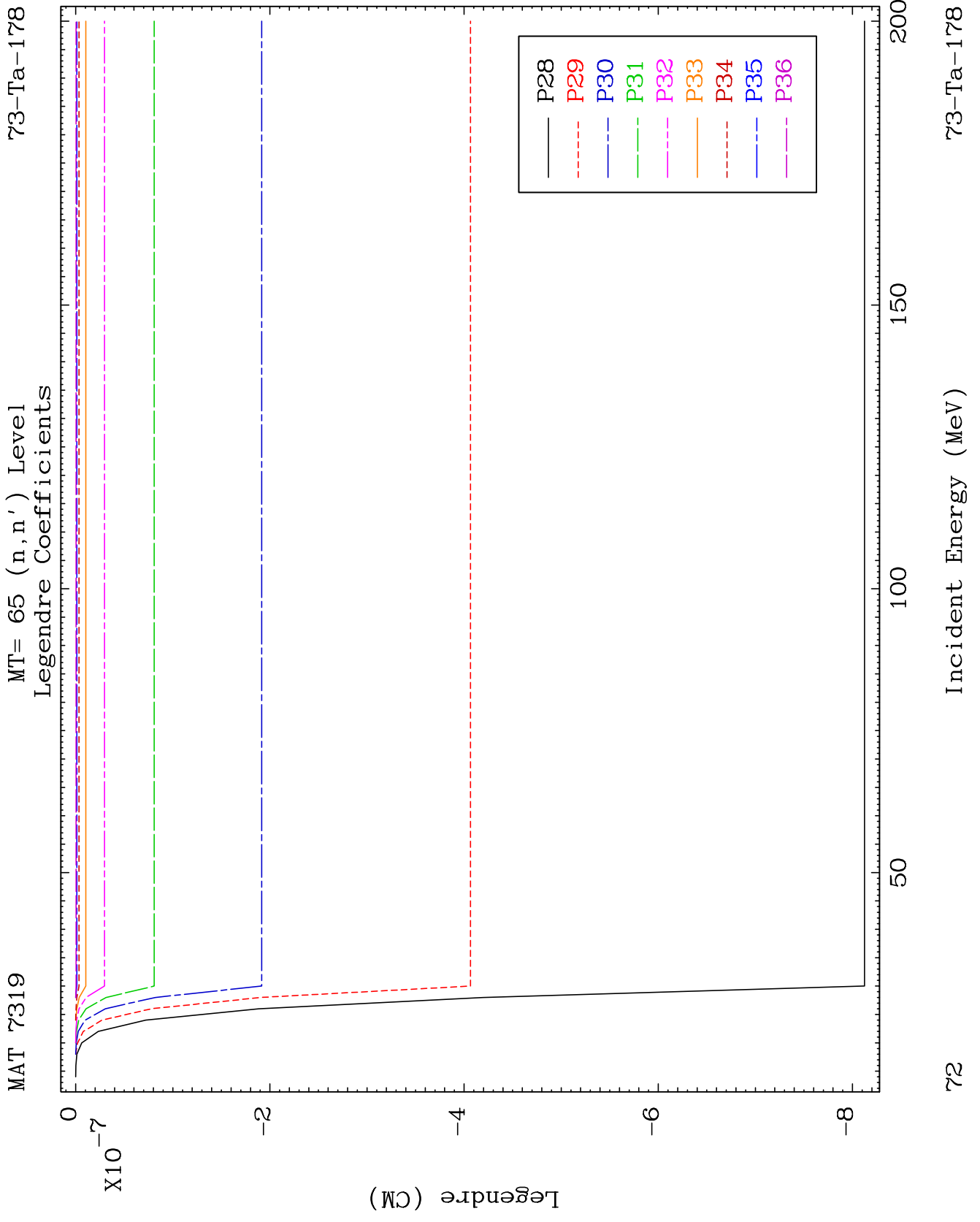
73-Ta-178



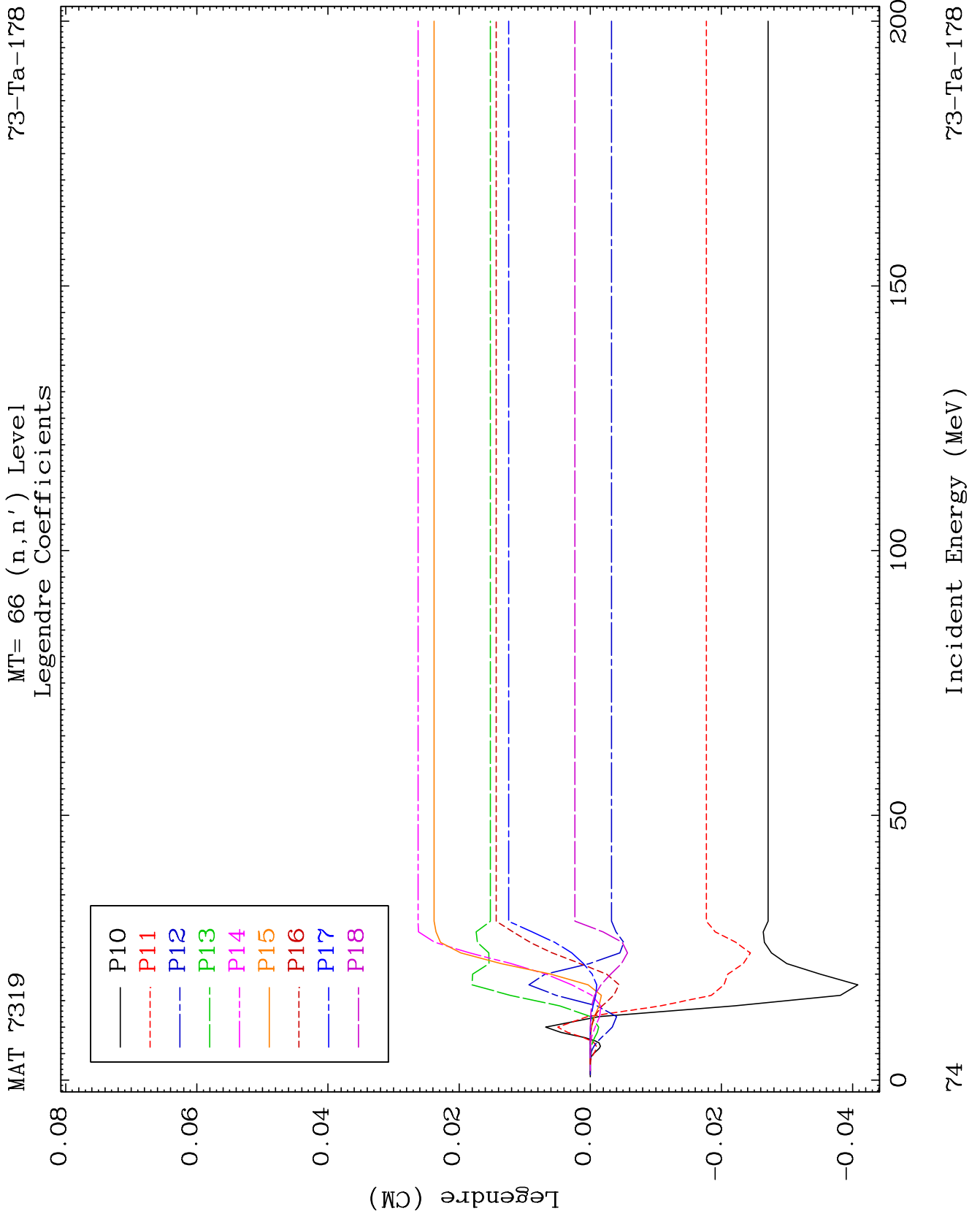
71

Incident Energy (MeV)

73-Ta-178



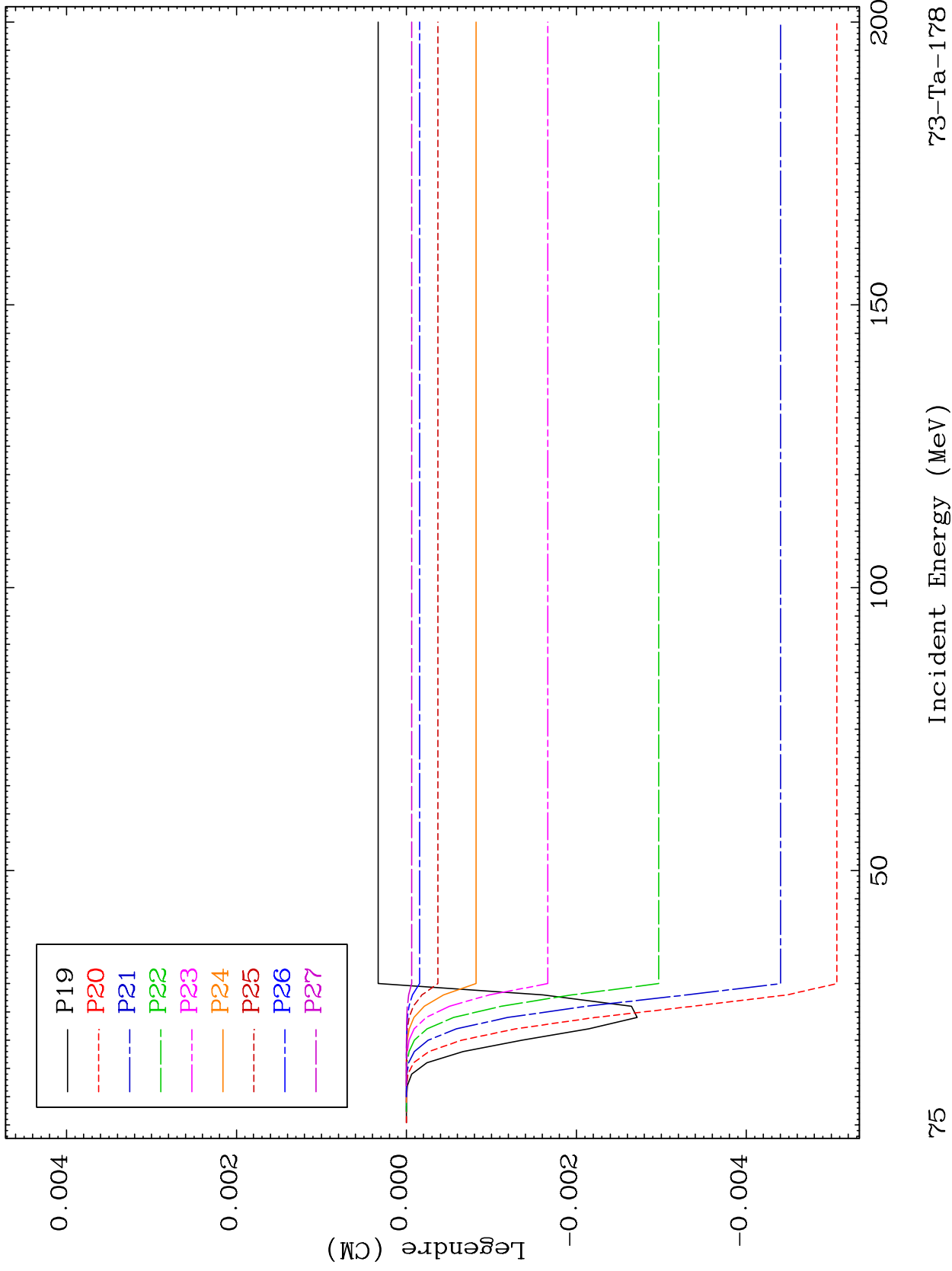




MAT 7319

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

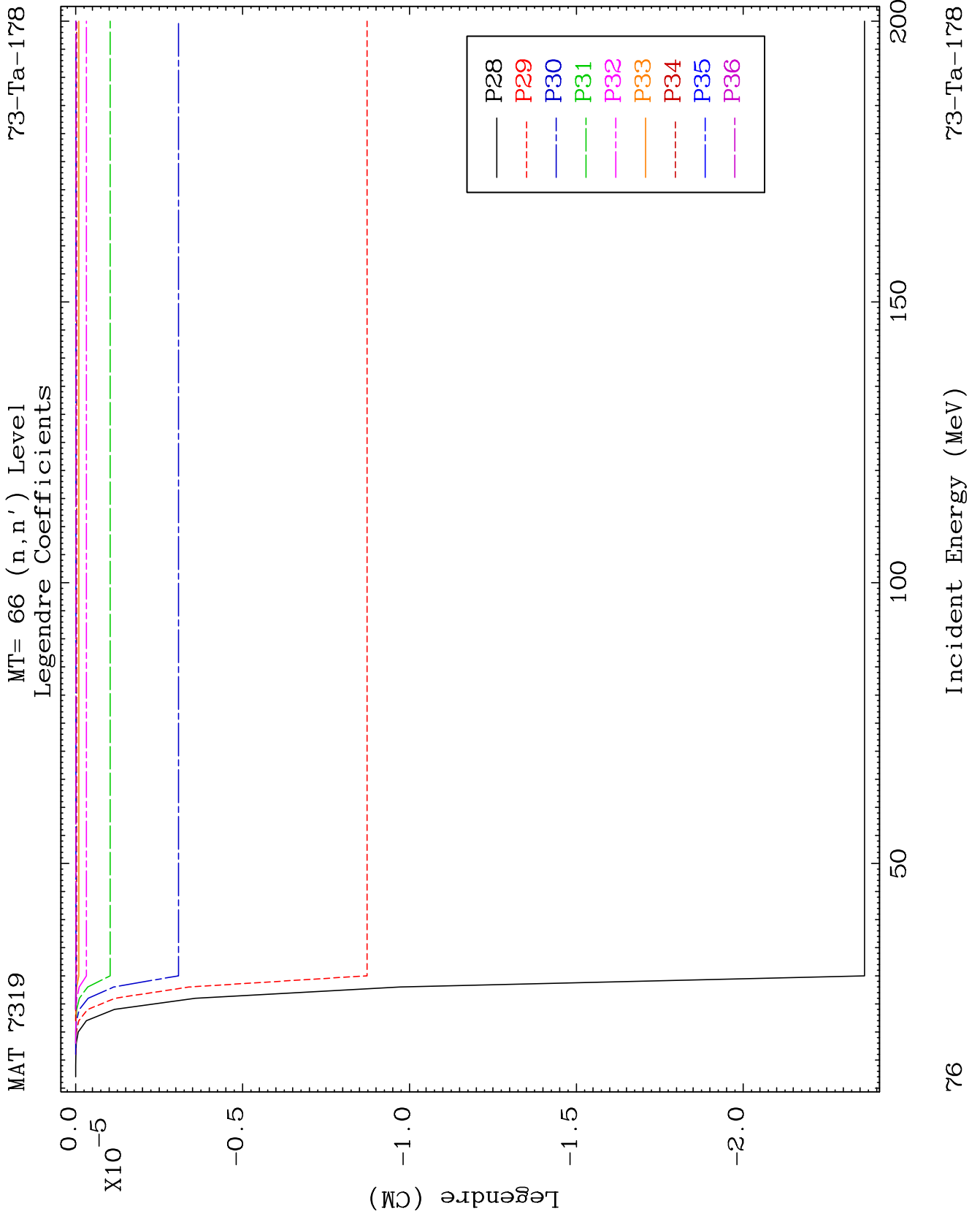
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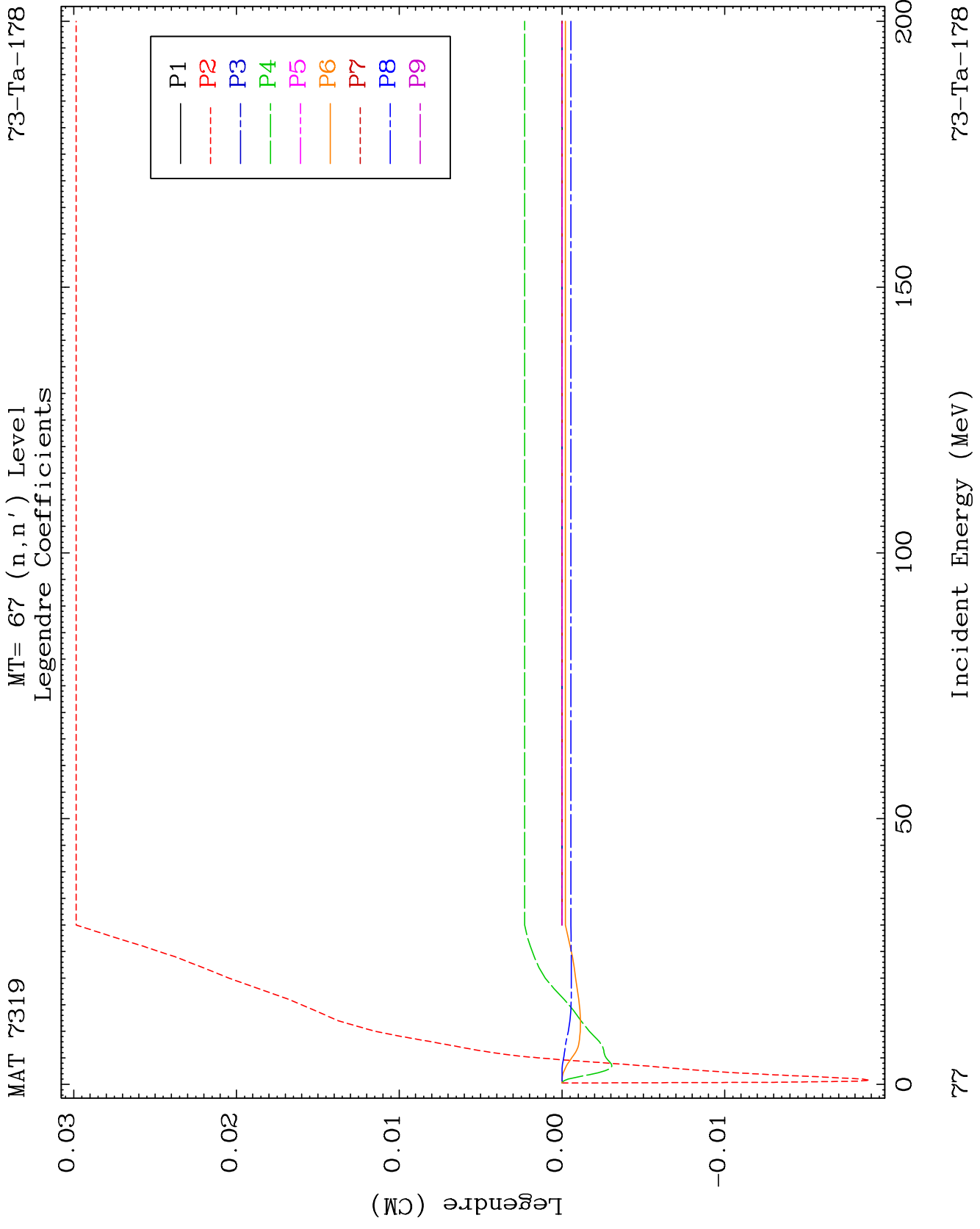


75

Incident Energy (MeV)

73-Ta-178

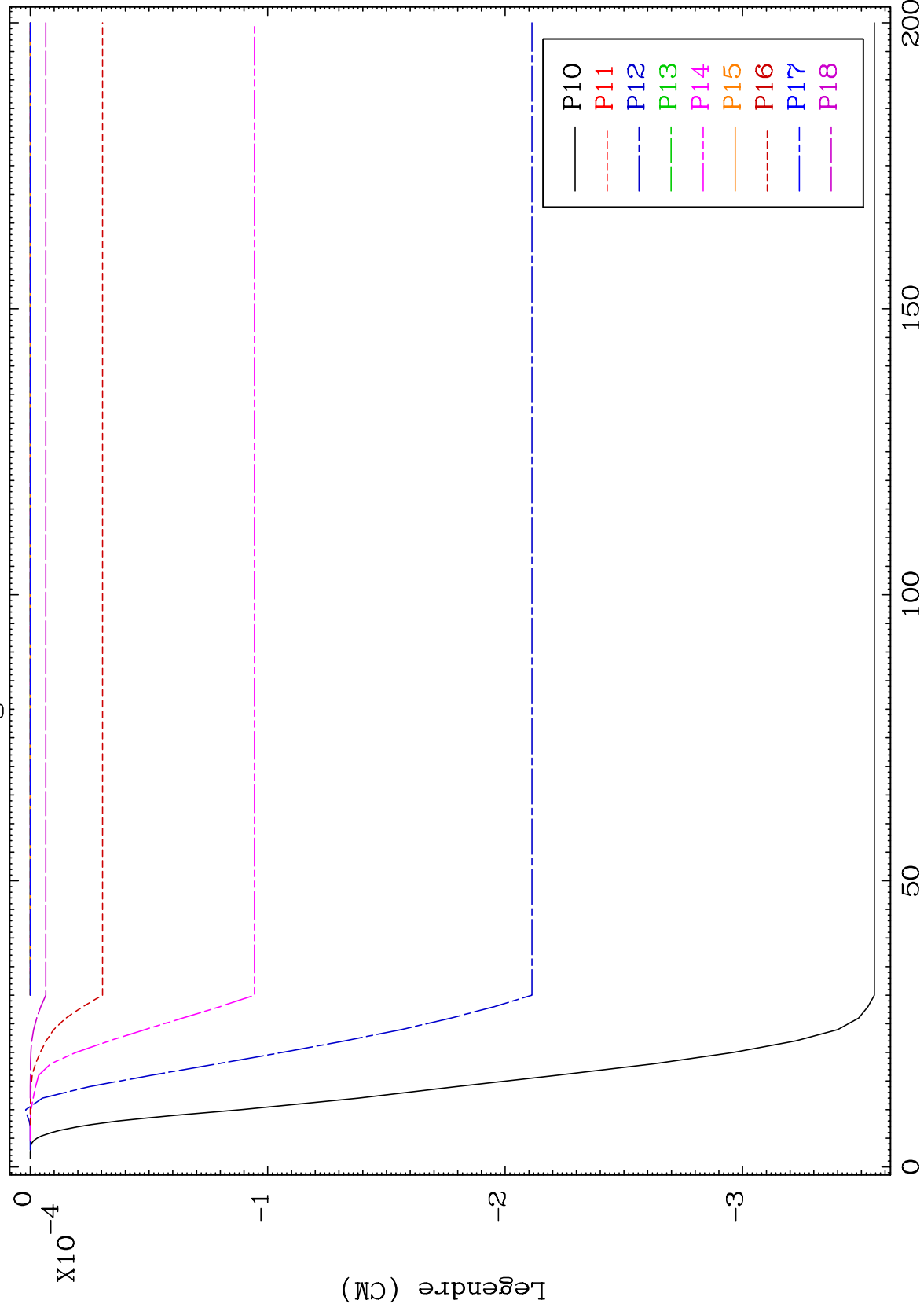




MAT 7319

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

73-Ta-178

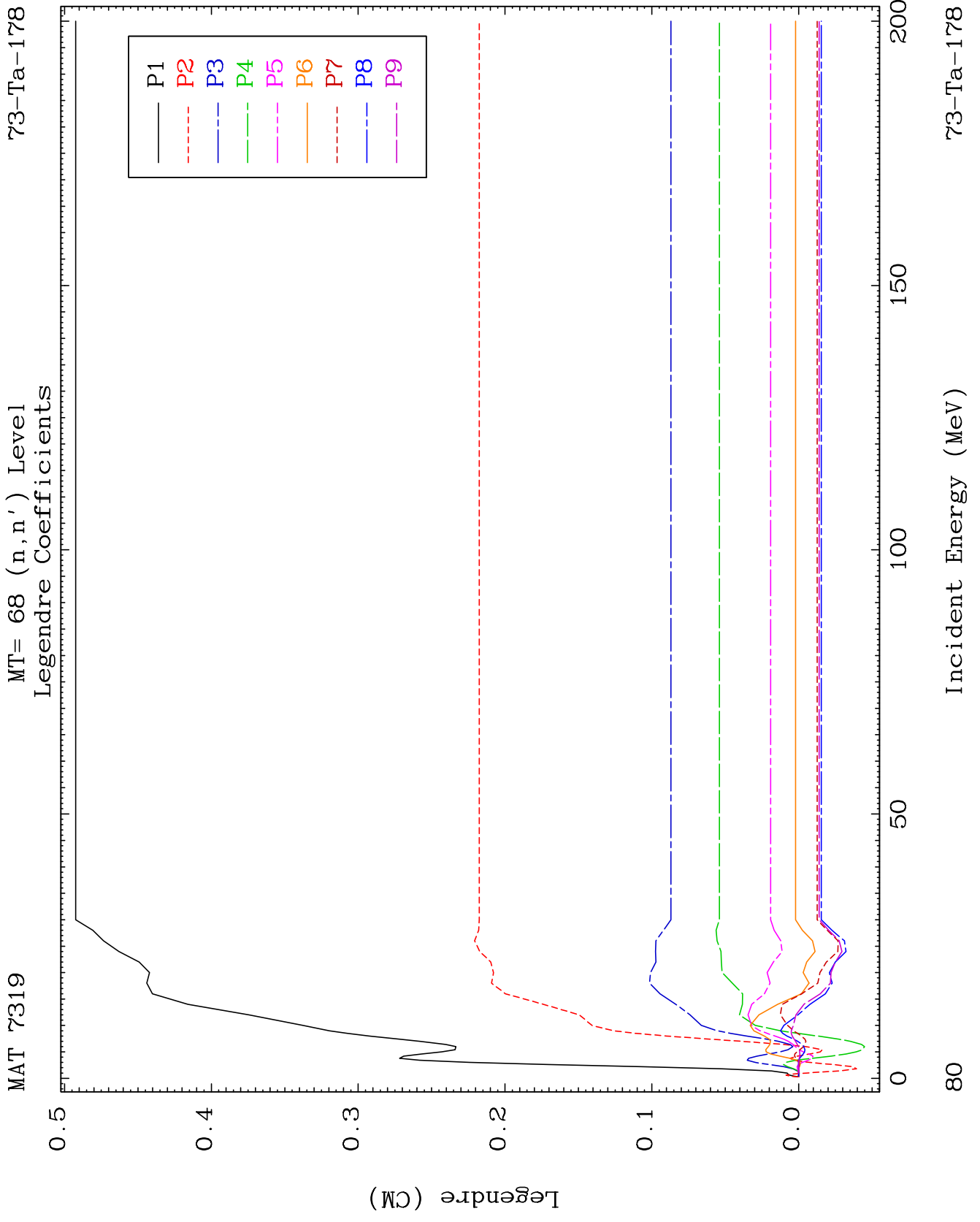


78

Incident Energy (MeV)

73-Ta-178

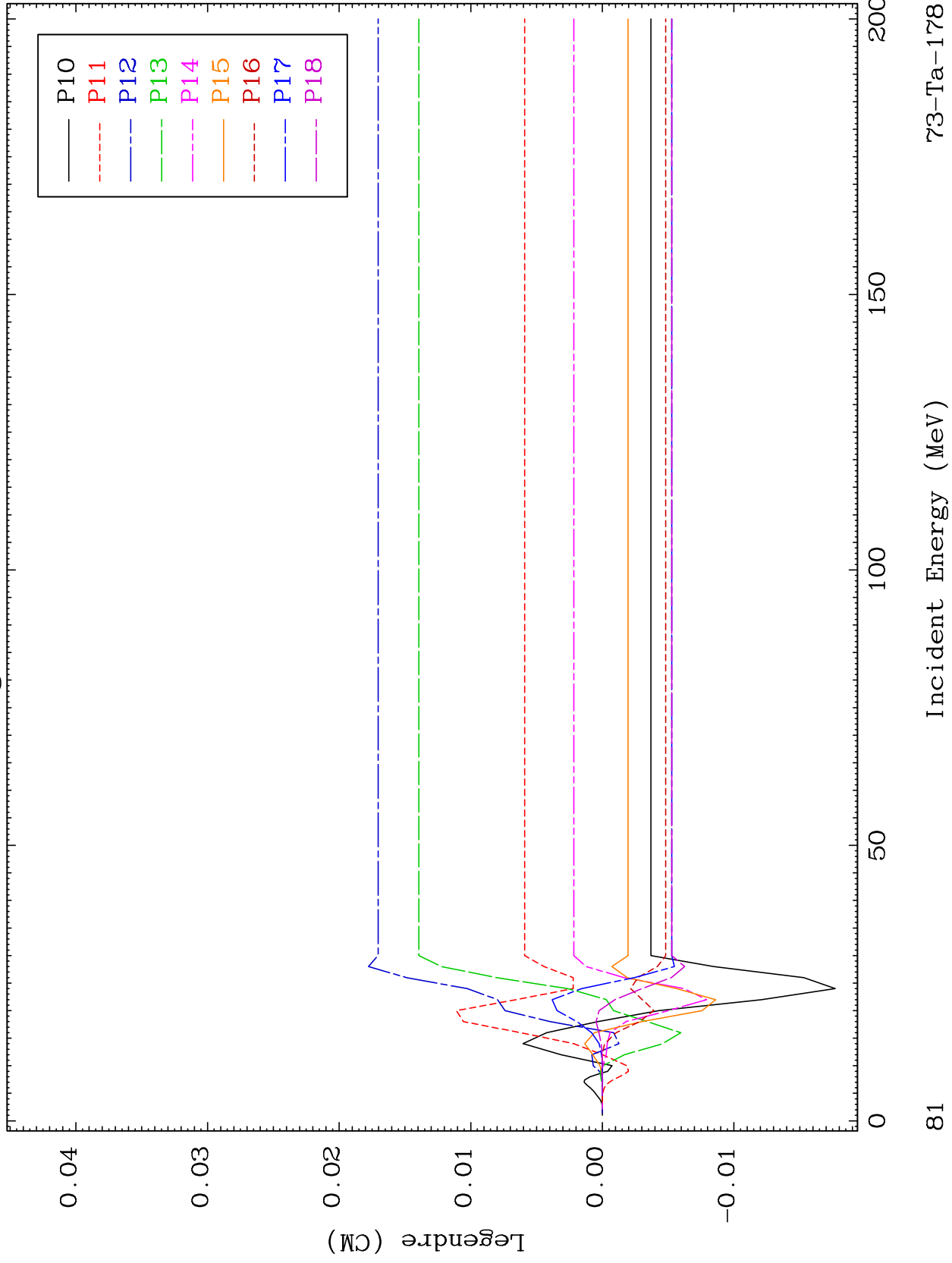




MAT 7319

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

73-Ta-178



73-Ta-178

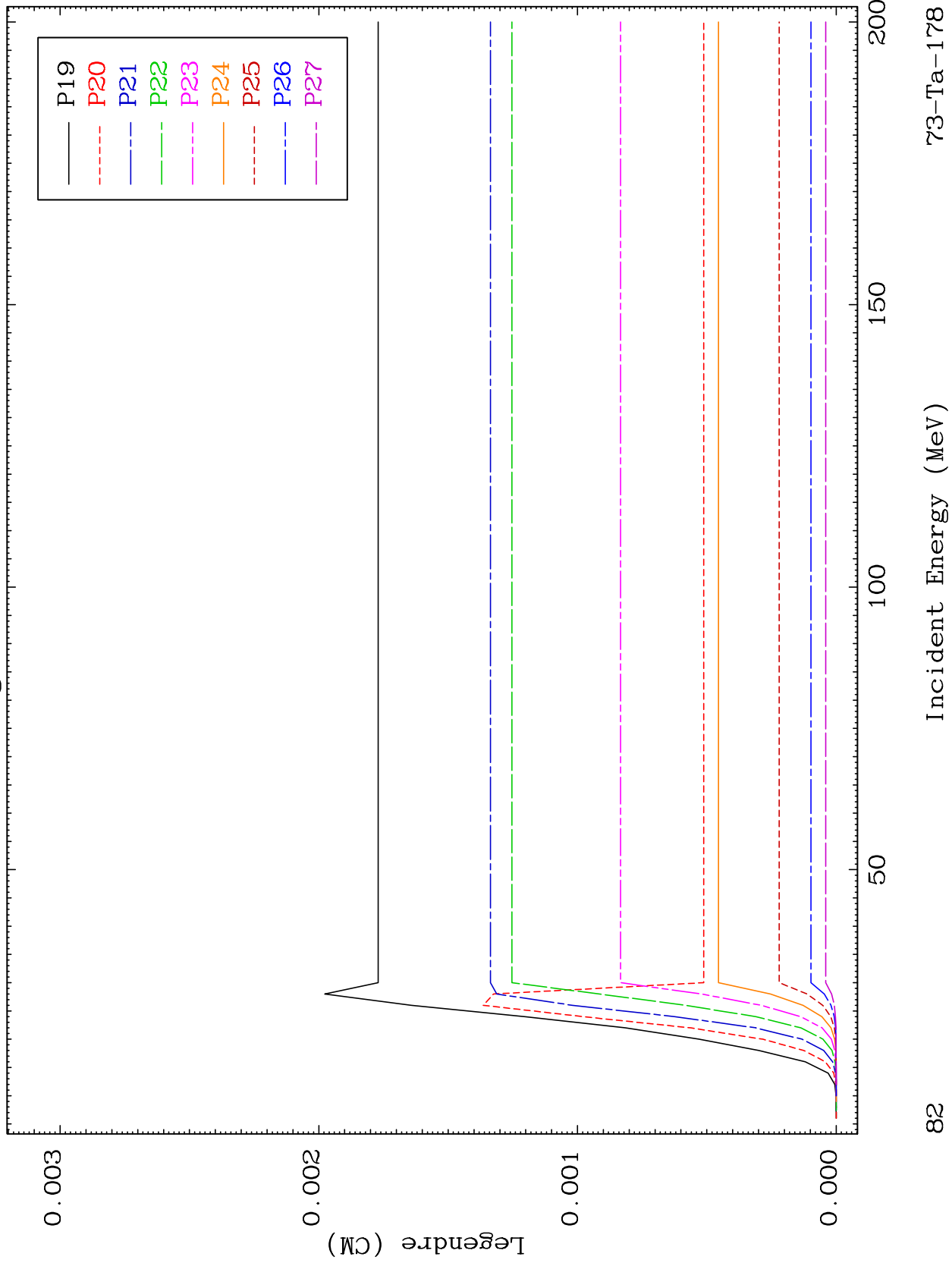
Incident Energy (MeV)

81

MAT 7319

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

73-Ta-178



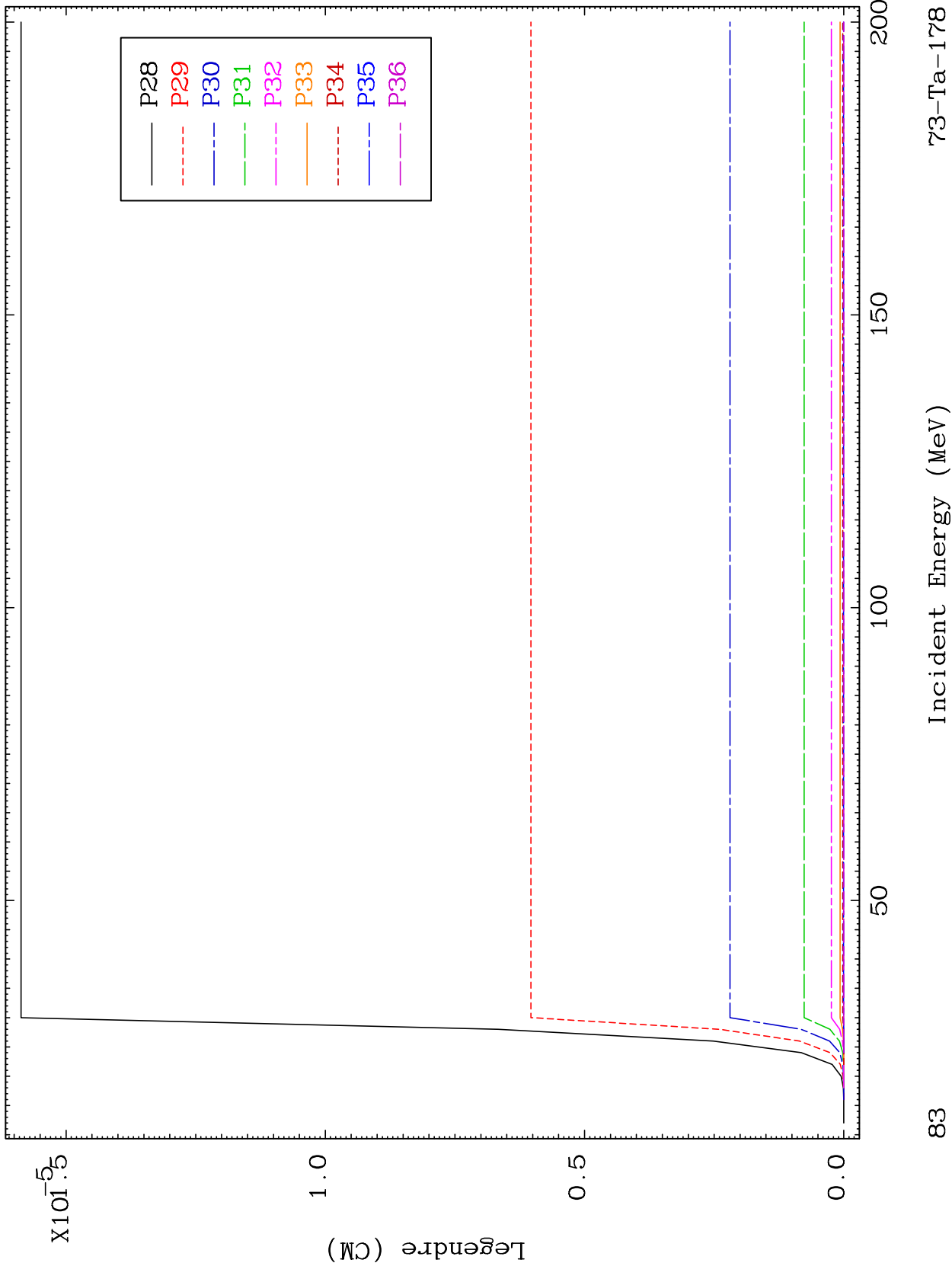
82

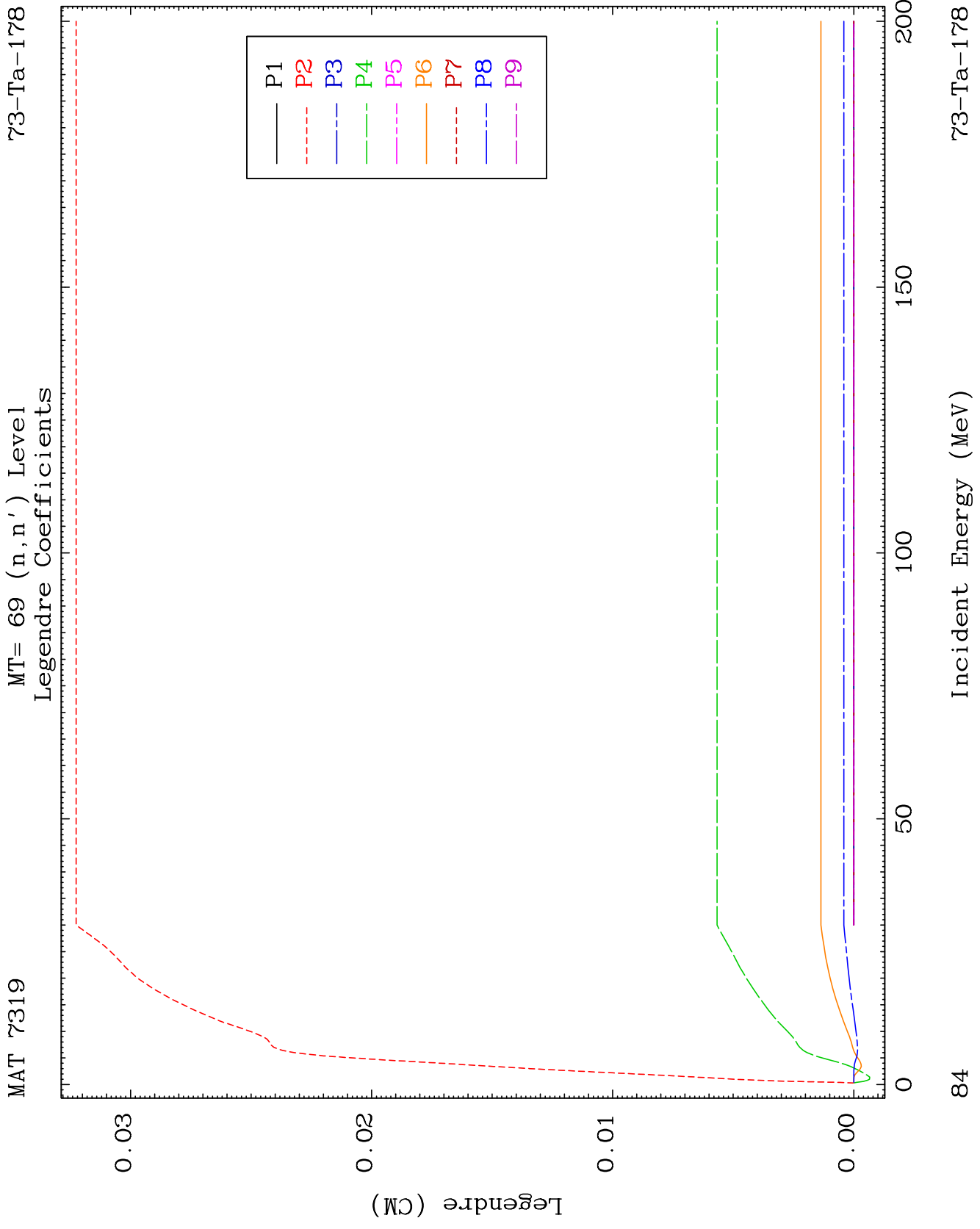
73-Ta-178

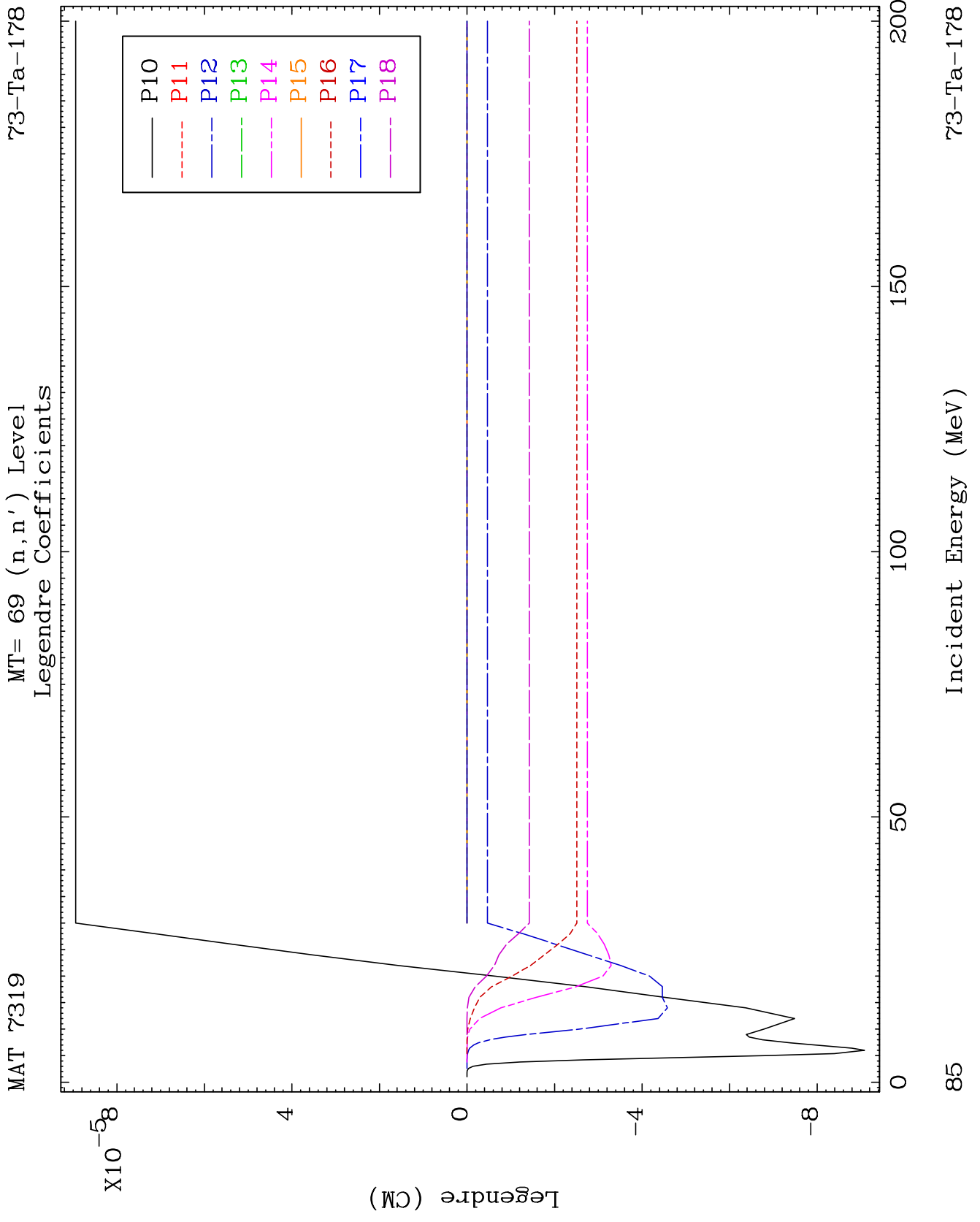
MAT 7319

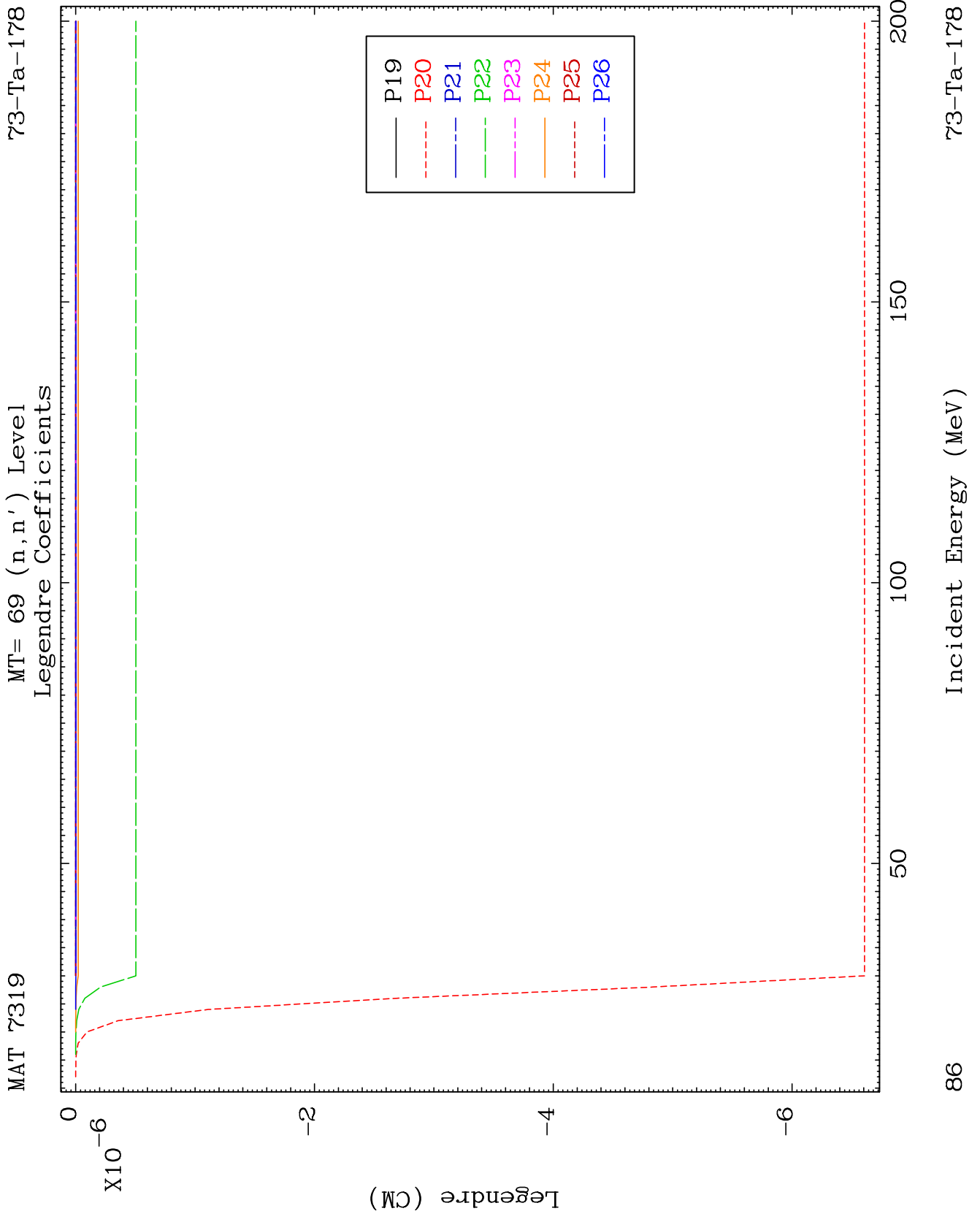
MT= 68 (n,n') Level  
Legendre Coefficients

73-Ta-178





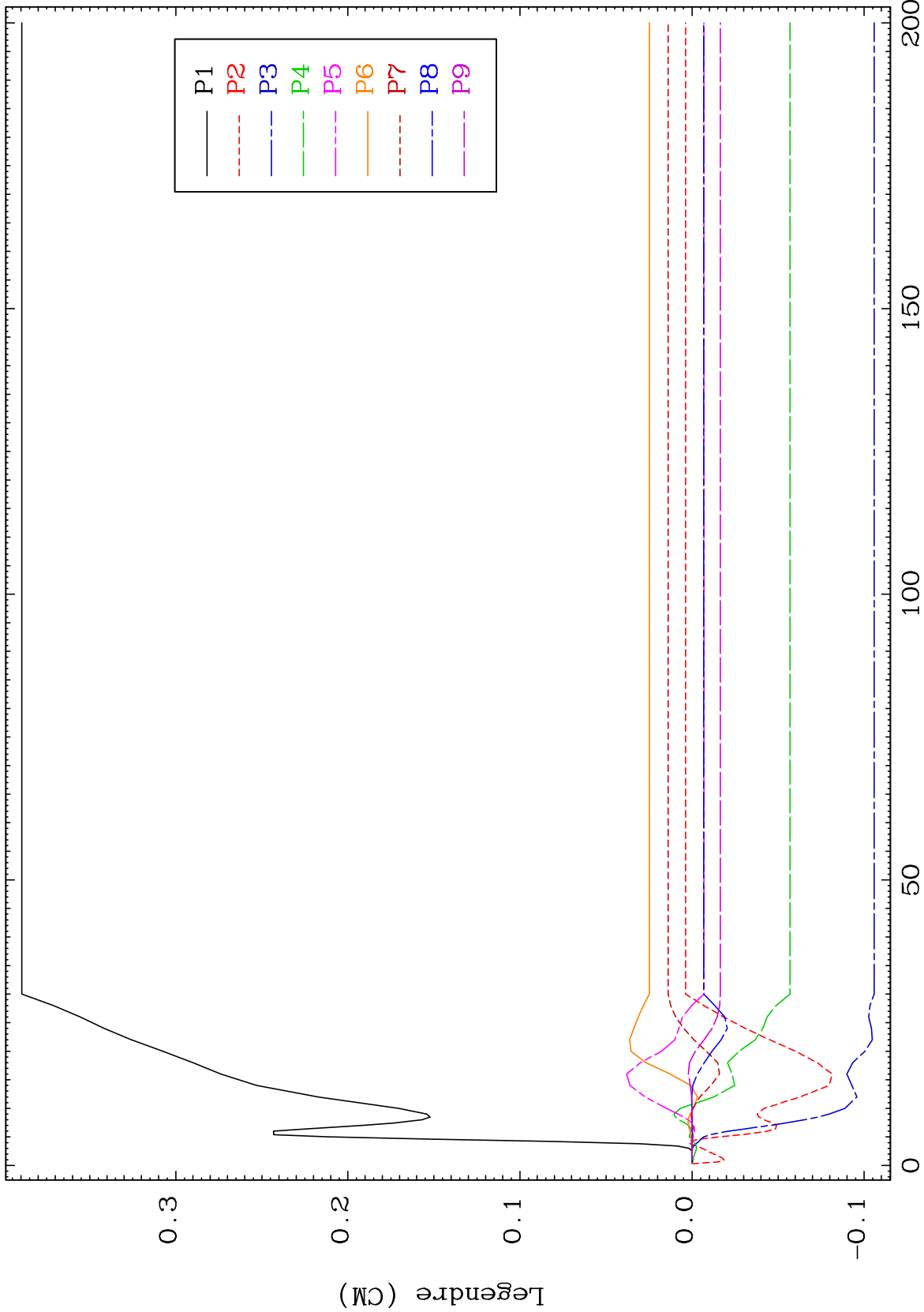




MAT 7319

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

73-Ta-178



87

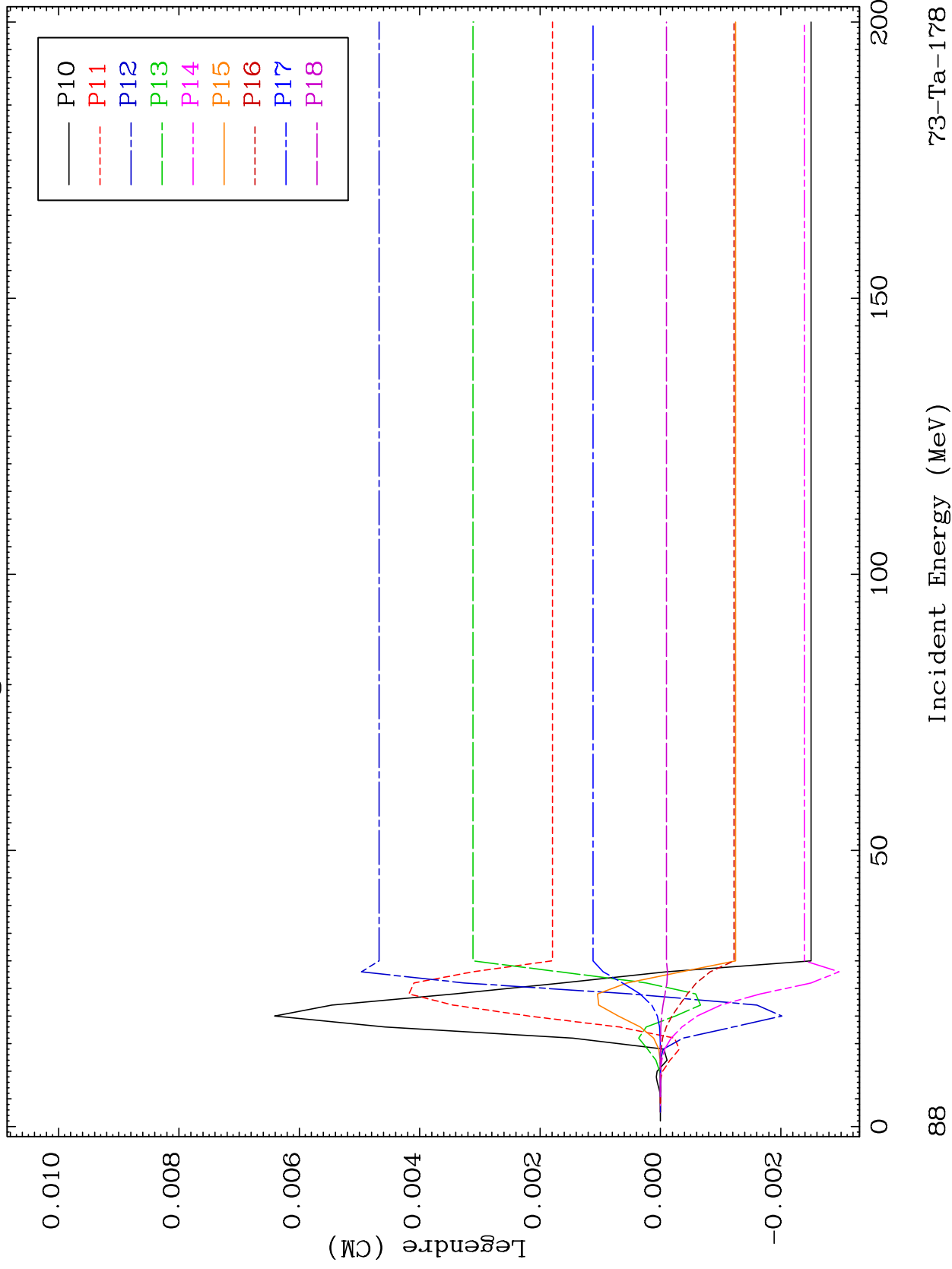
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

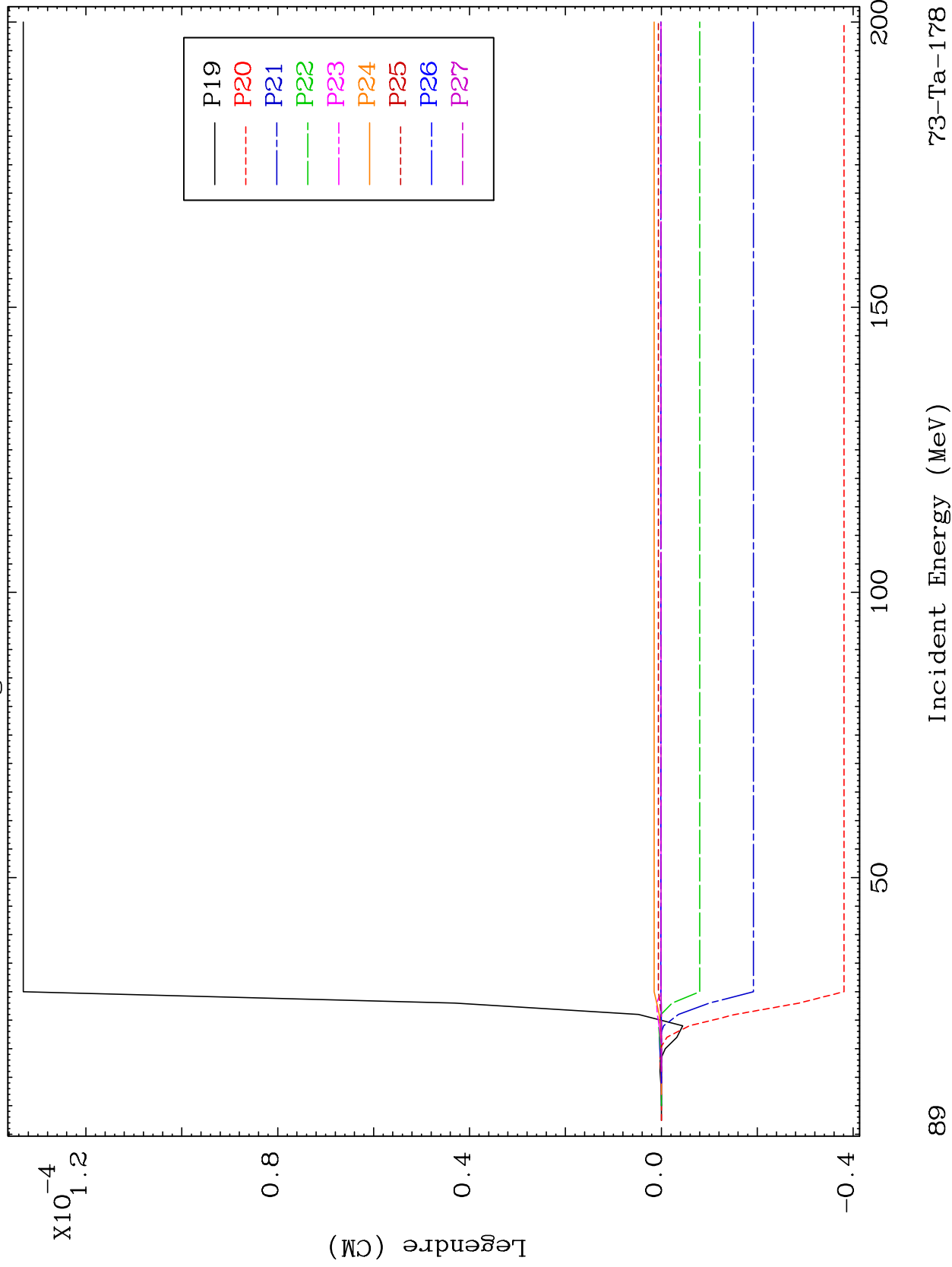
73-Ta-178



MAT 7319

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

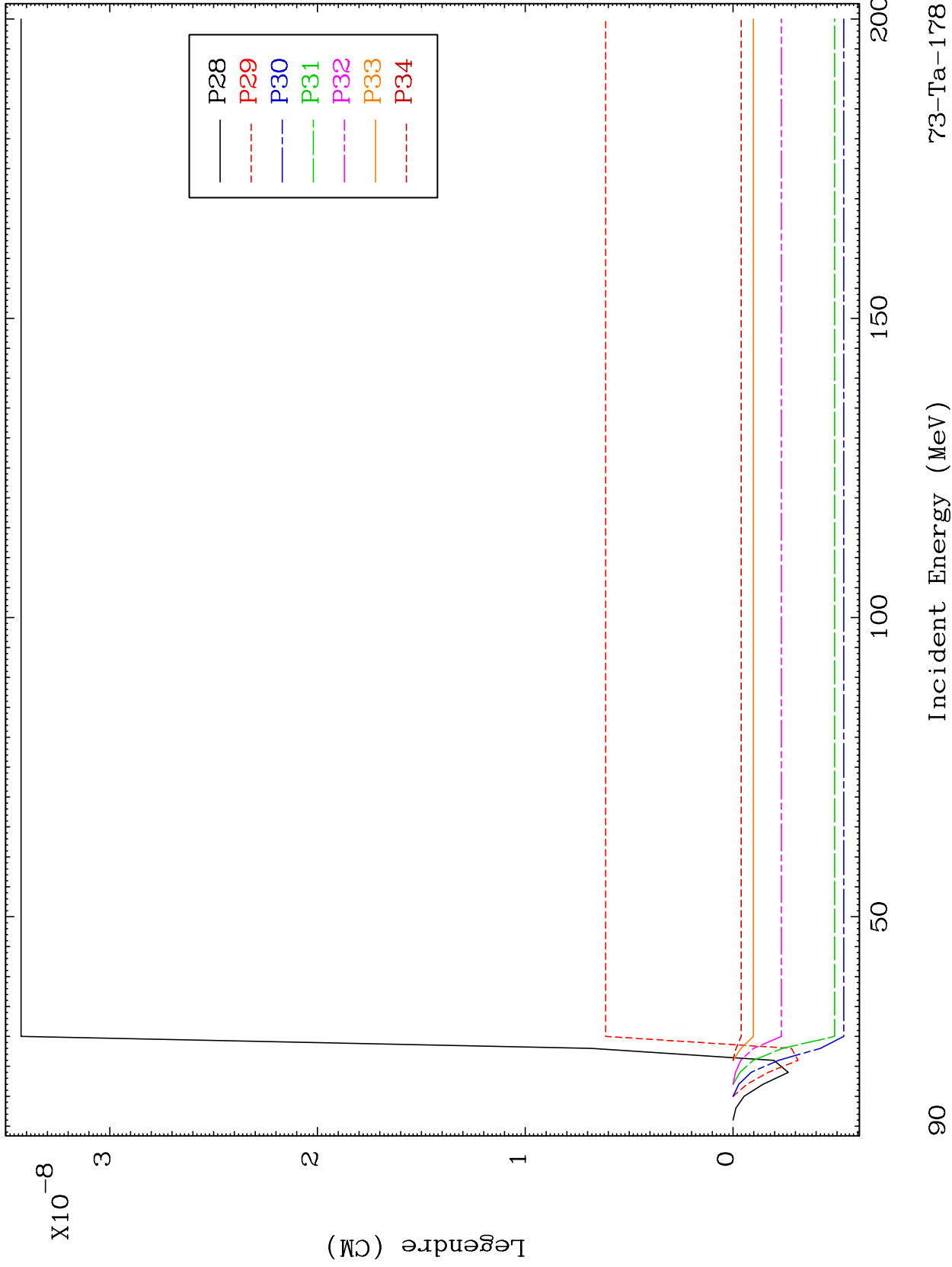
73-Ta-178

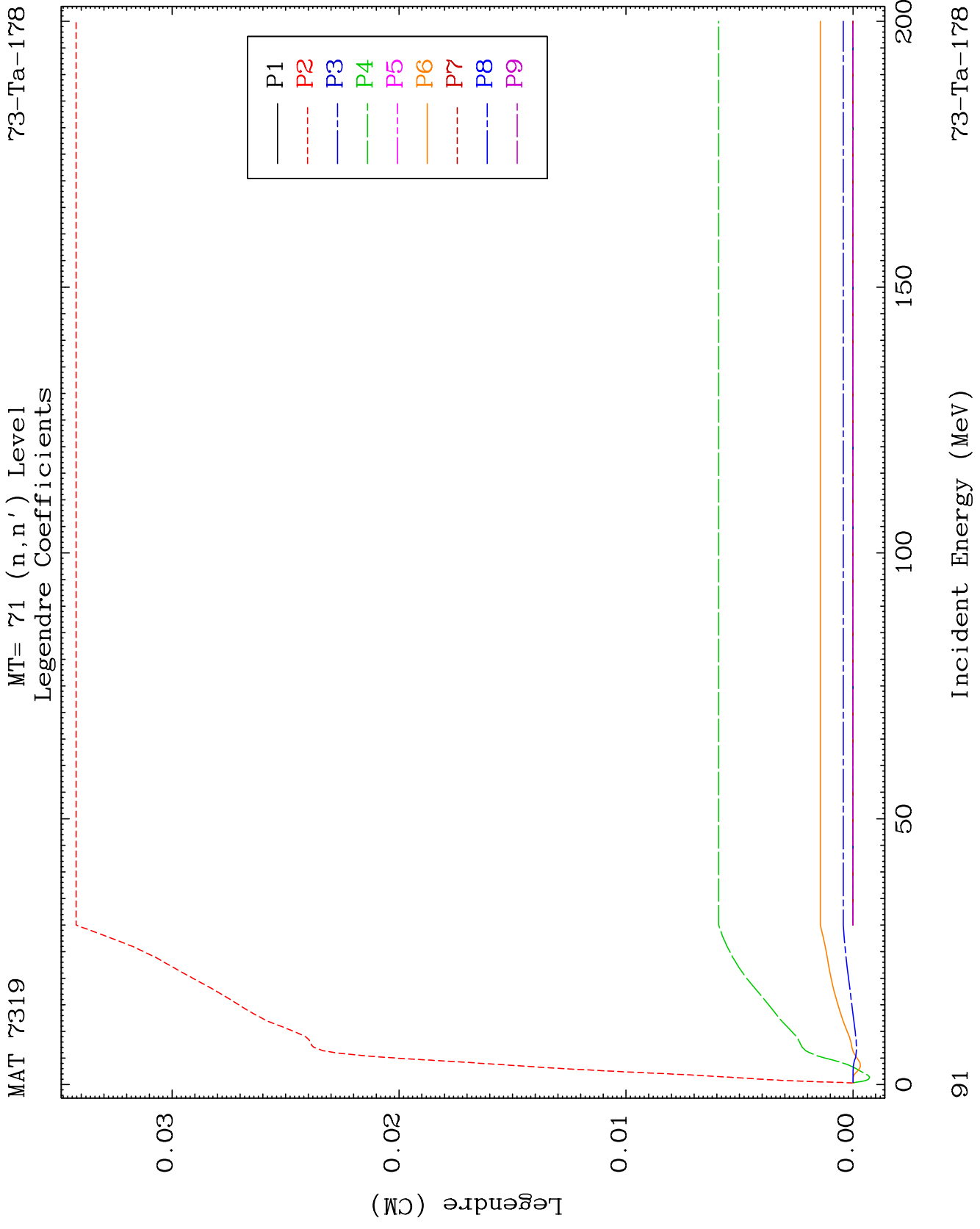


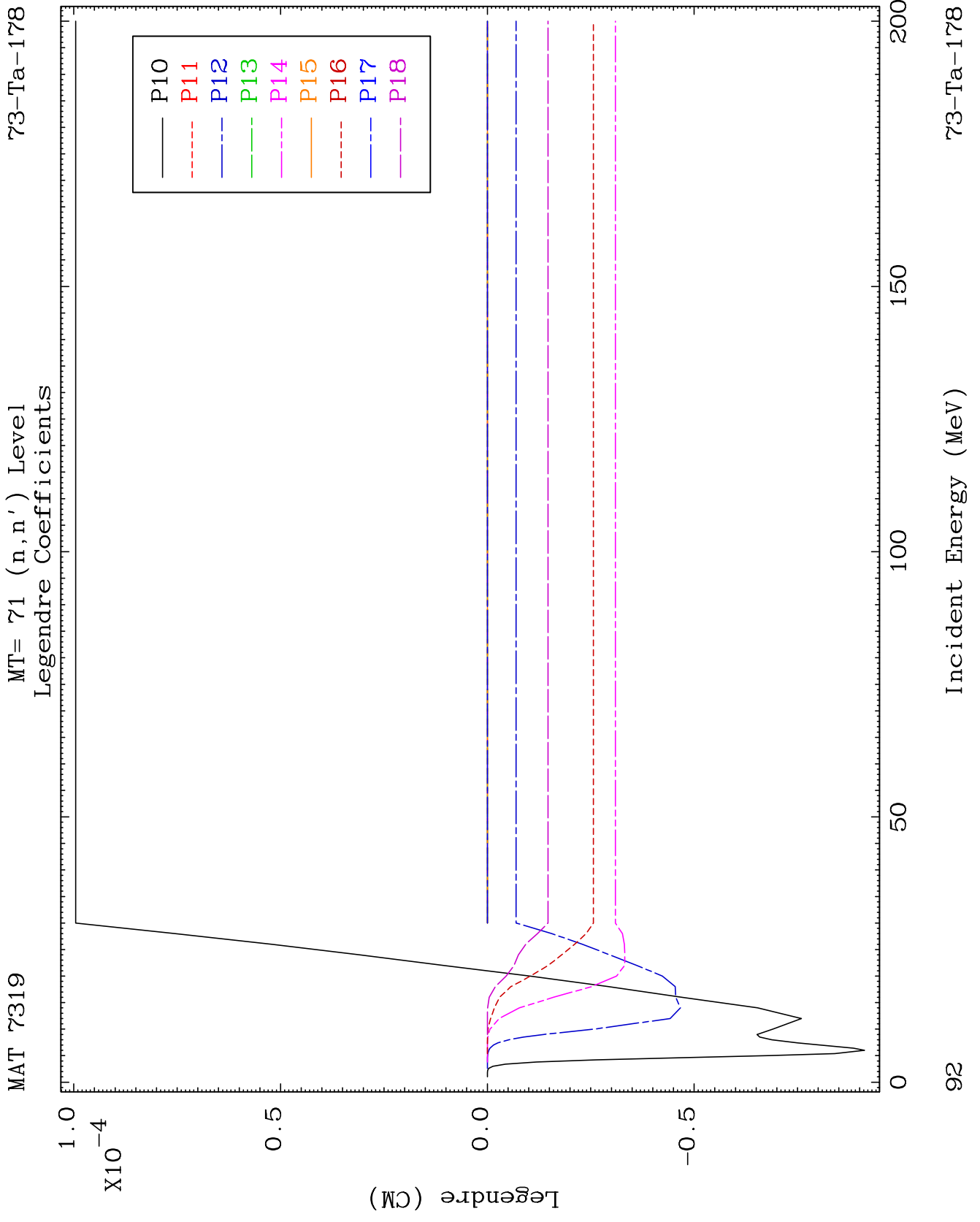
MAT 7319

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

73-Ta-178





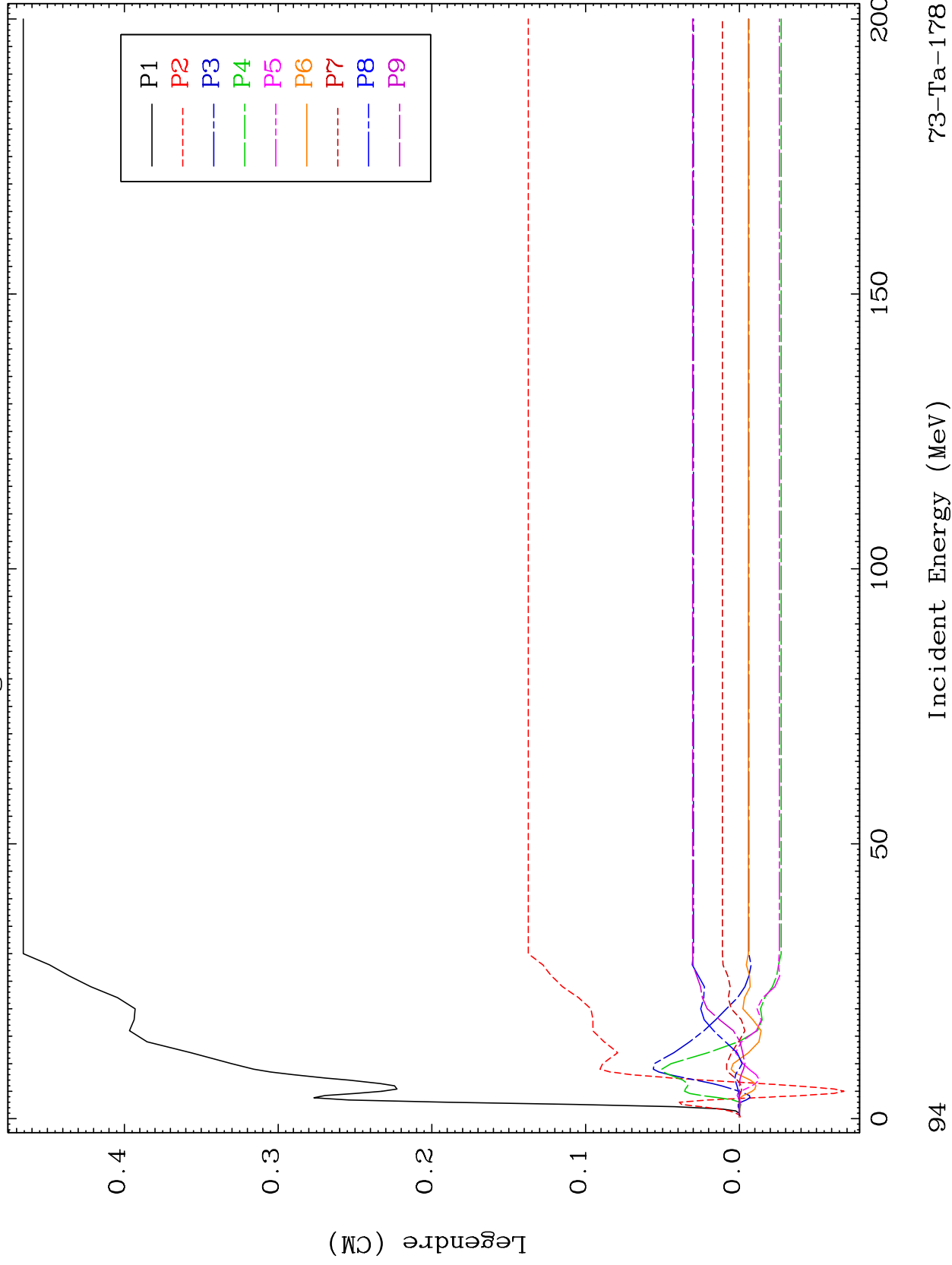




MAT 7319

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

73-Ta-178



94

Incident Energy (MeV)

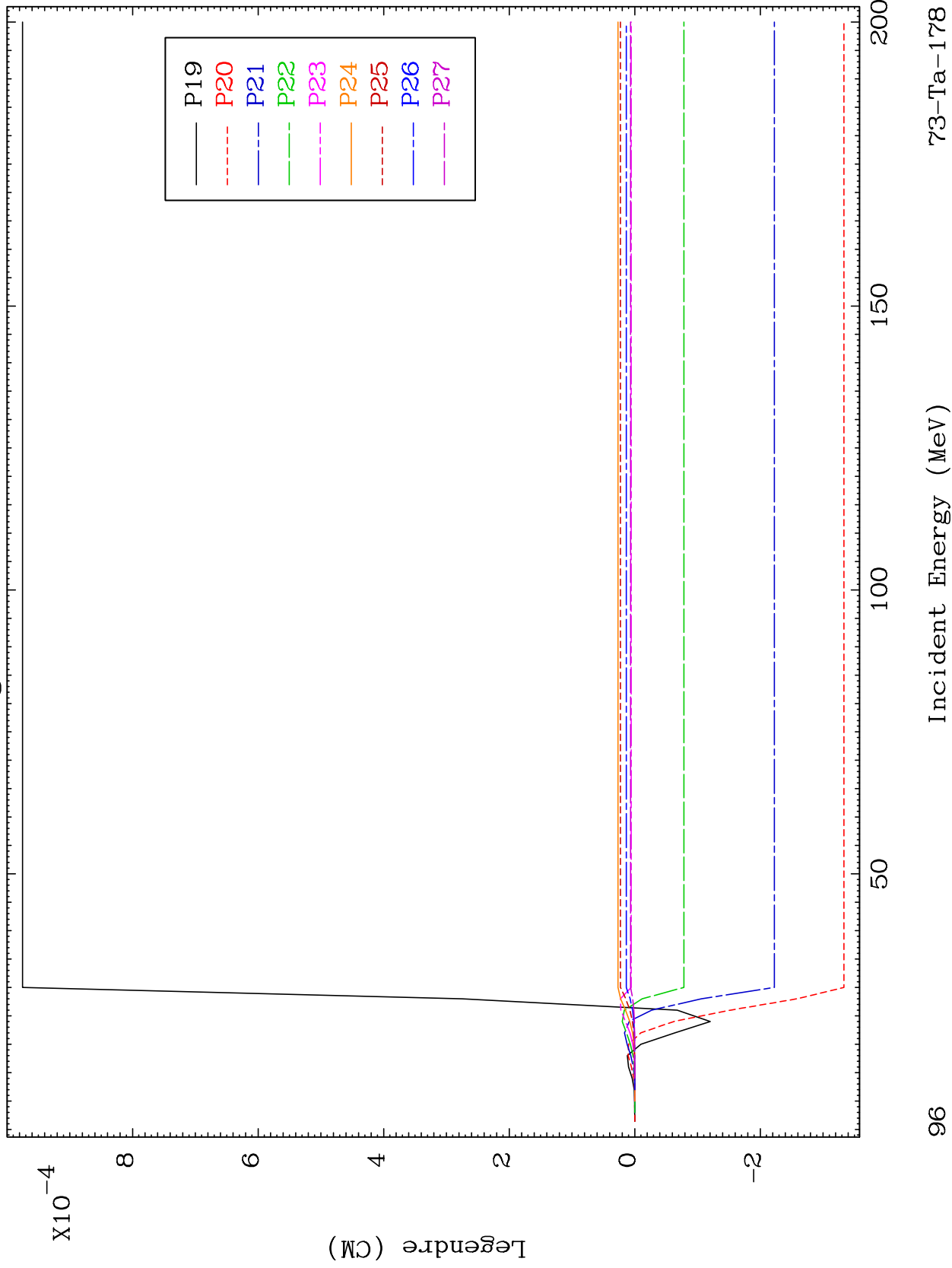
73-Ta-178

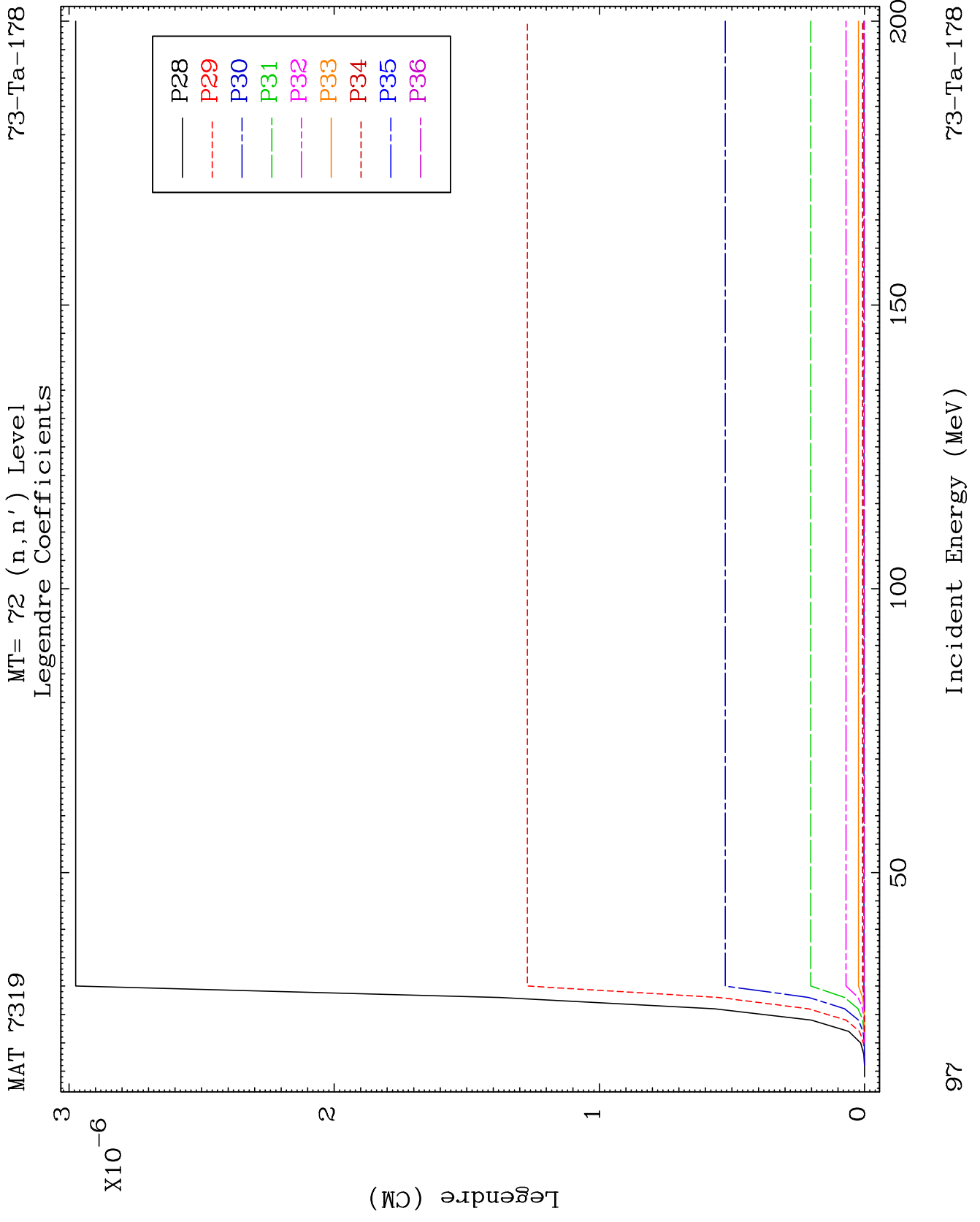


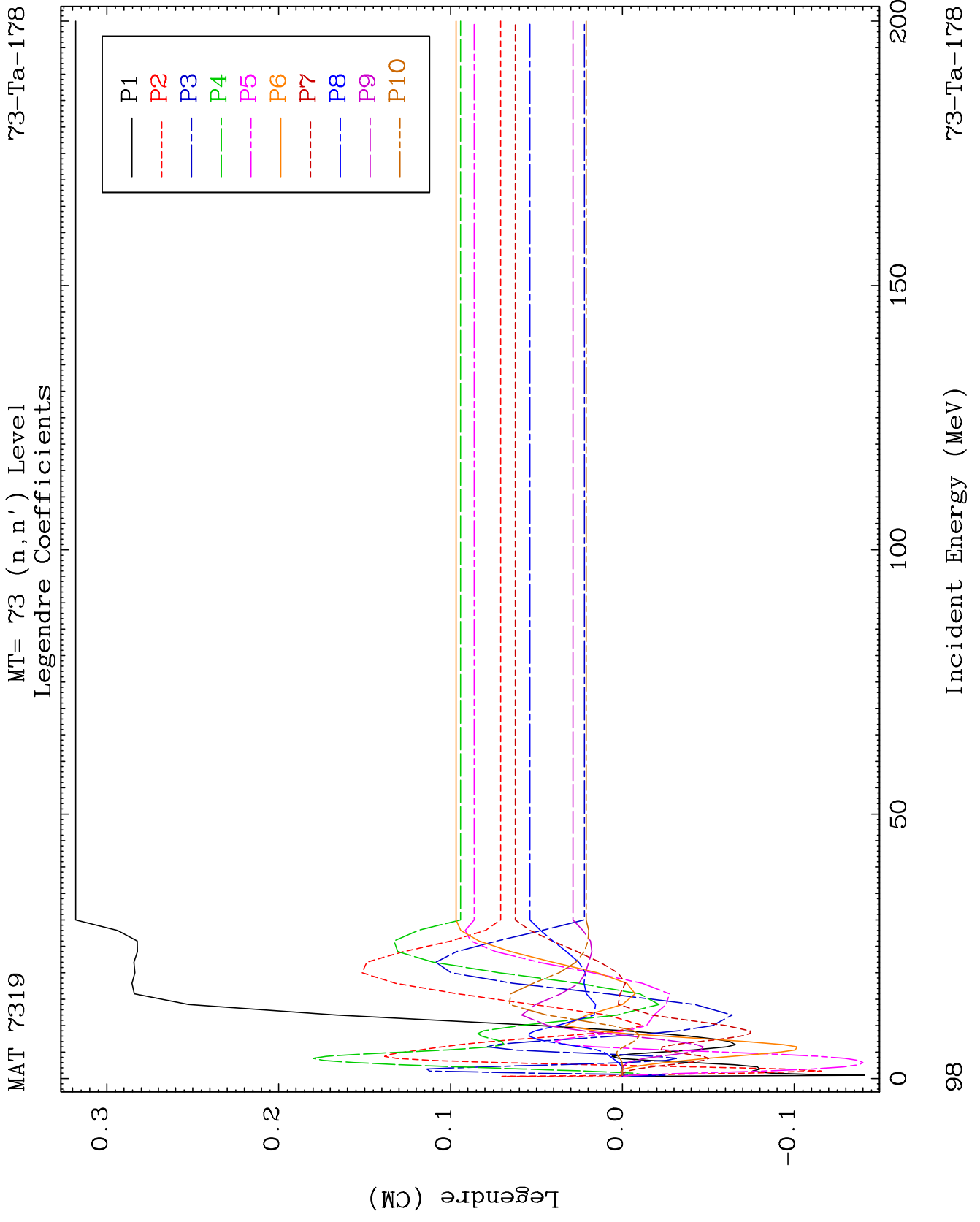
MAT 7319

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

73-Ta-178

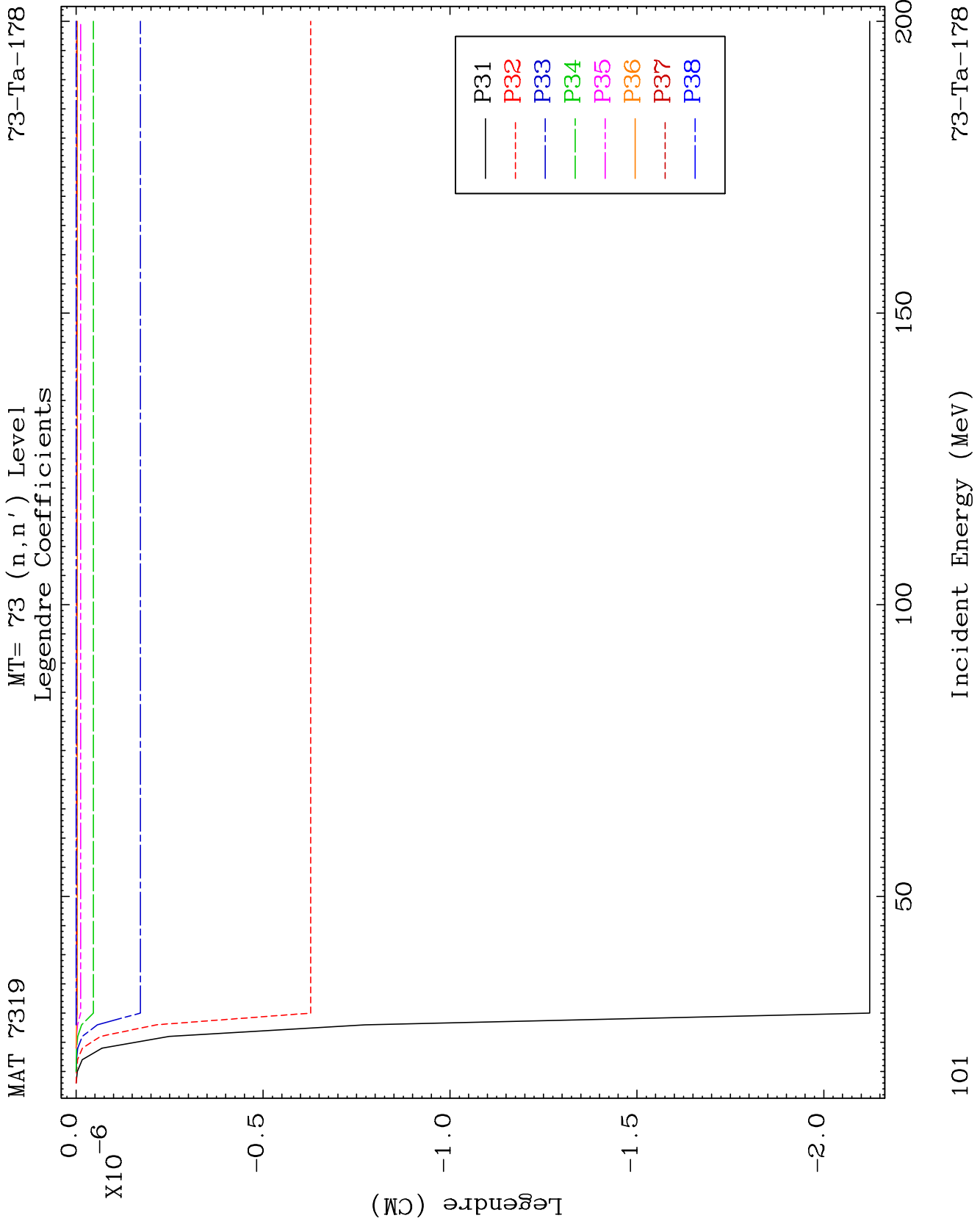










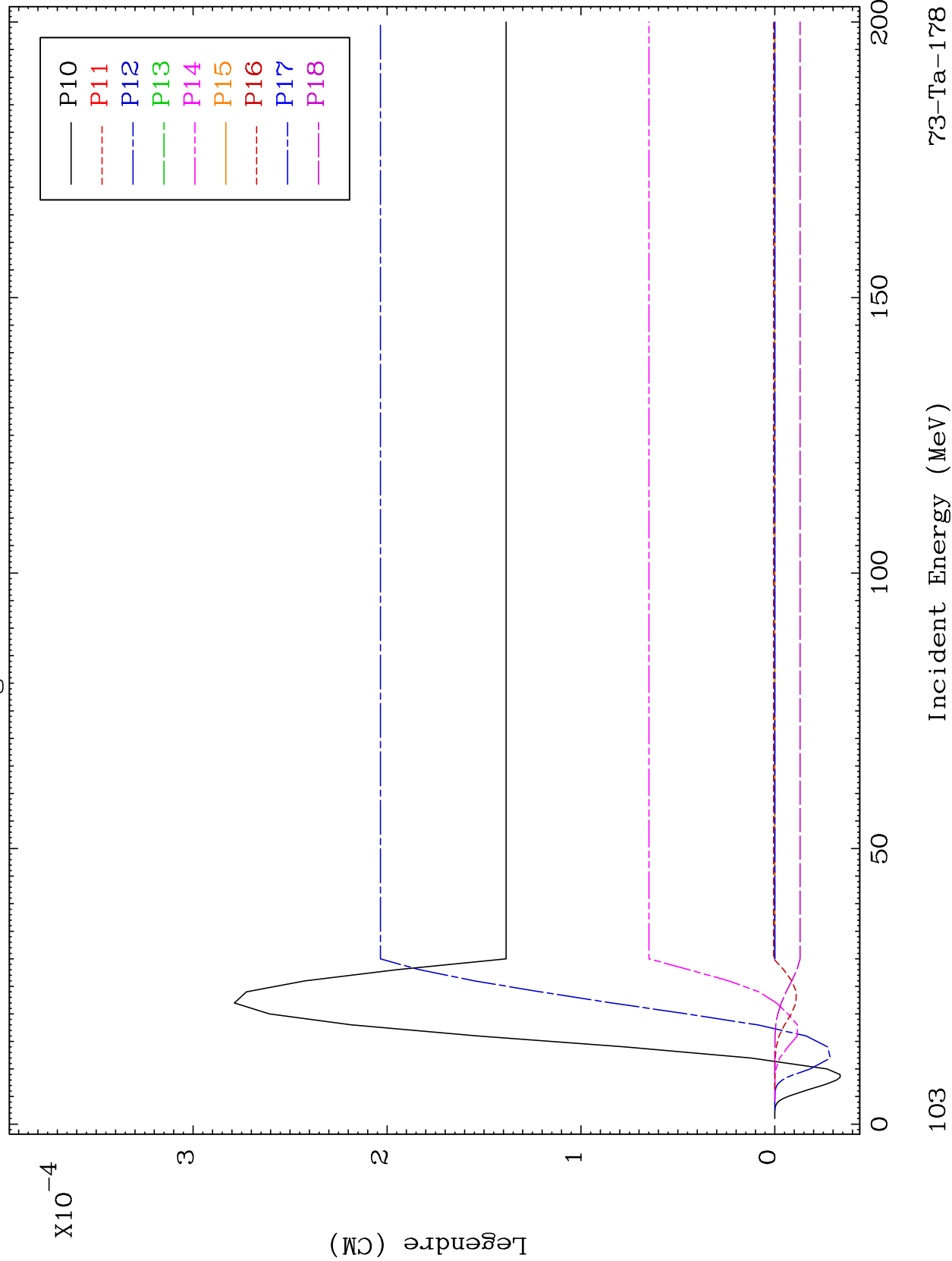


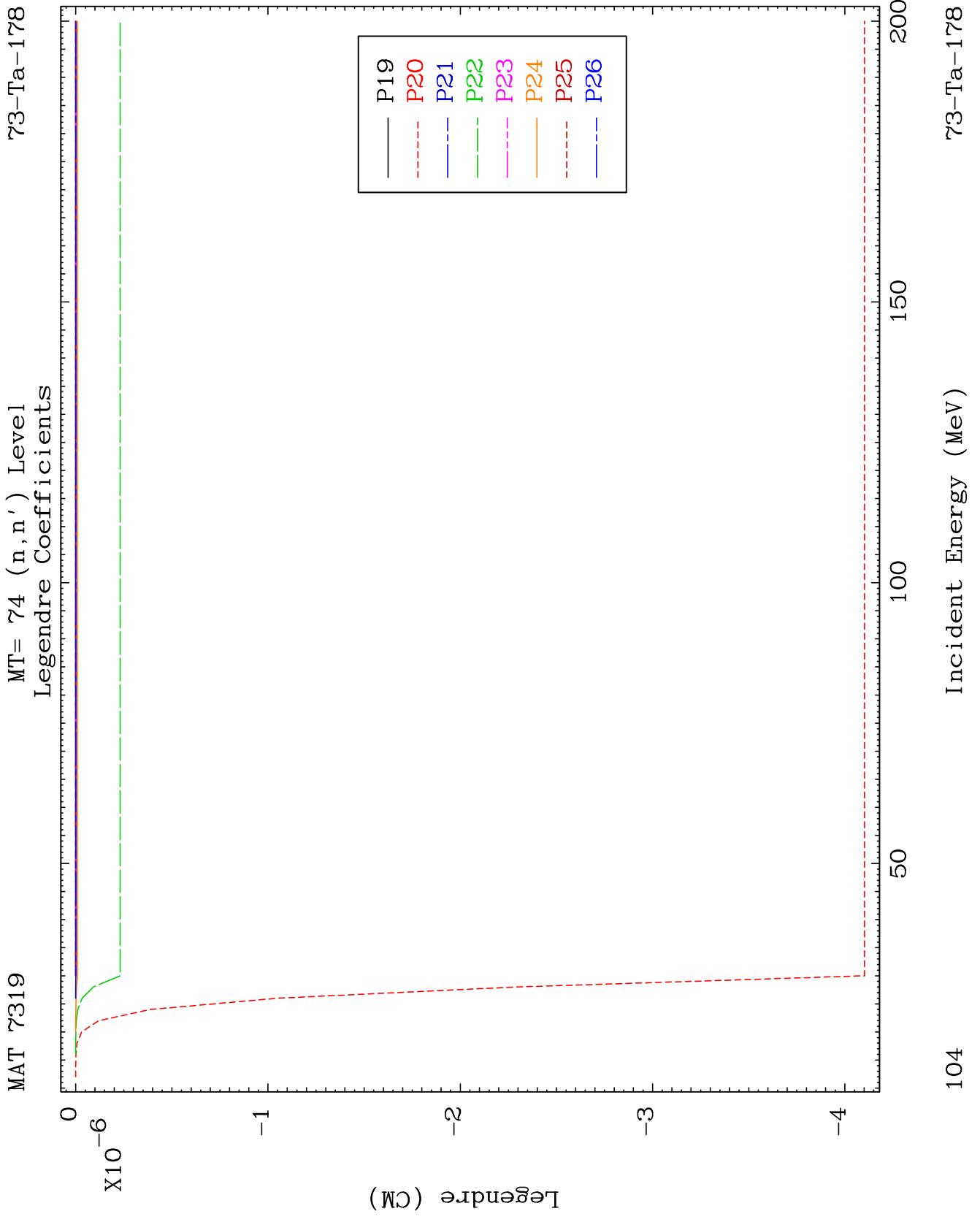


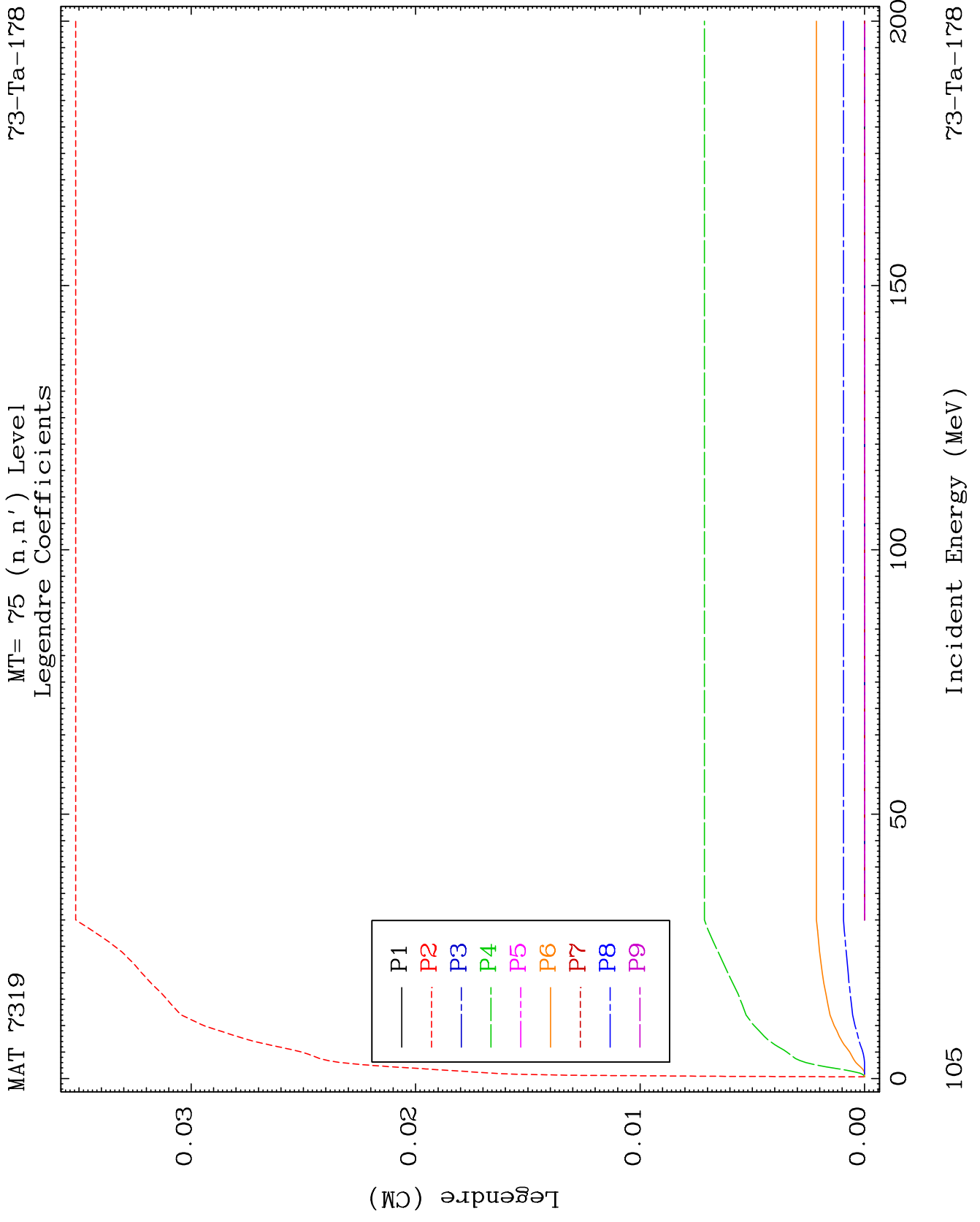
MAT 7319

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

73-Ta-178



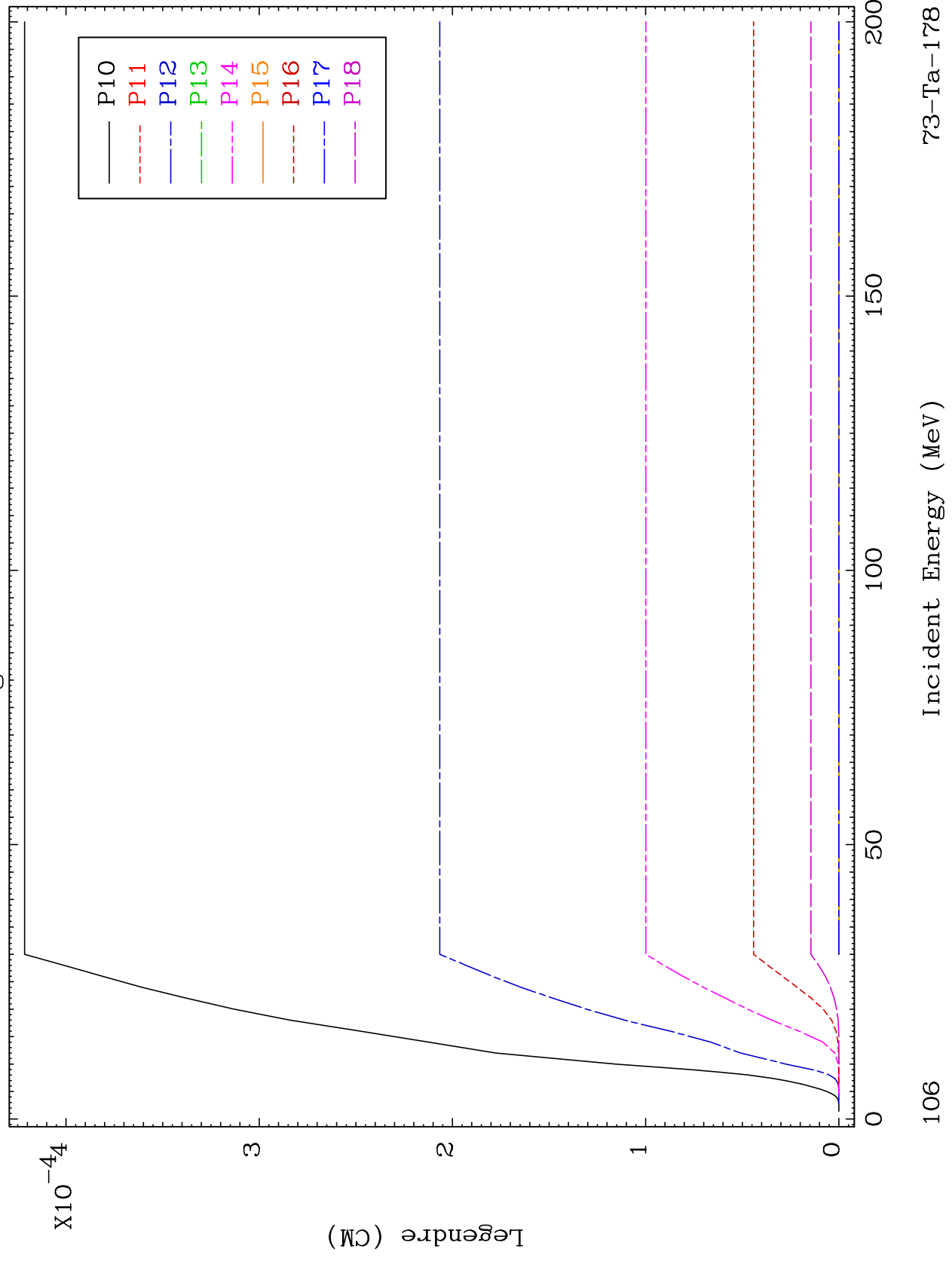




MAT 7319

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

73-Ta-178



106

Incident Energy (MeV)

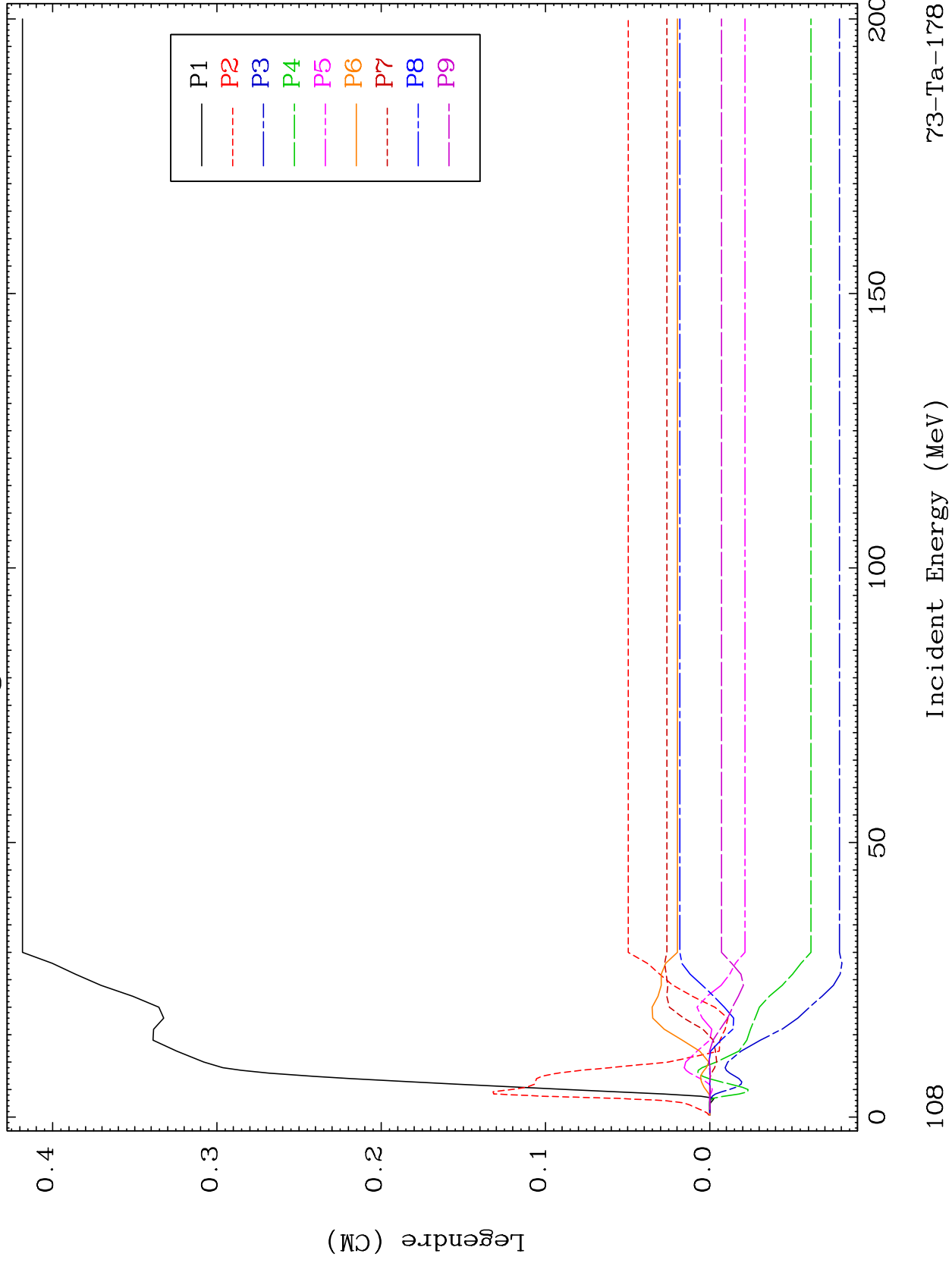
73-Ta-178



MAT 7319

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

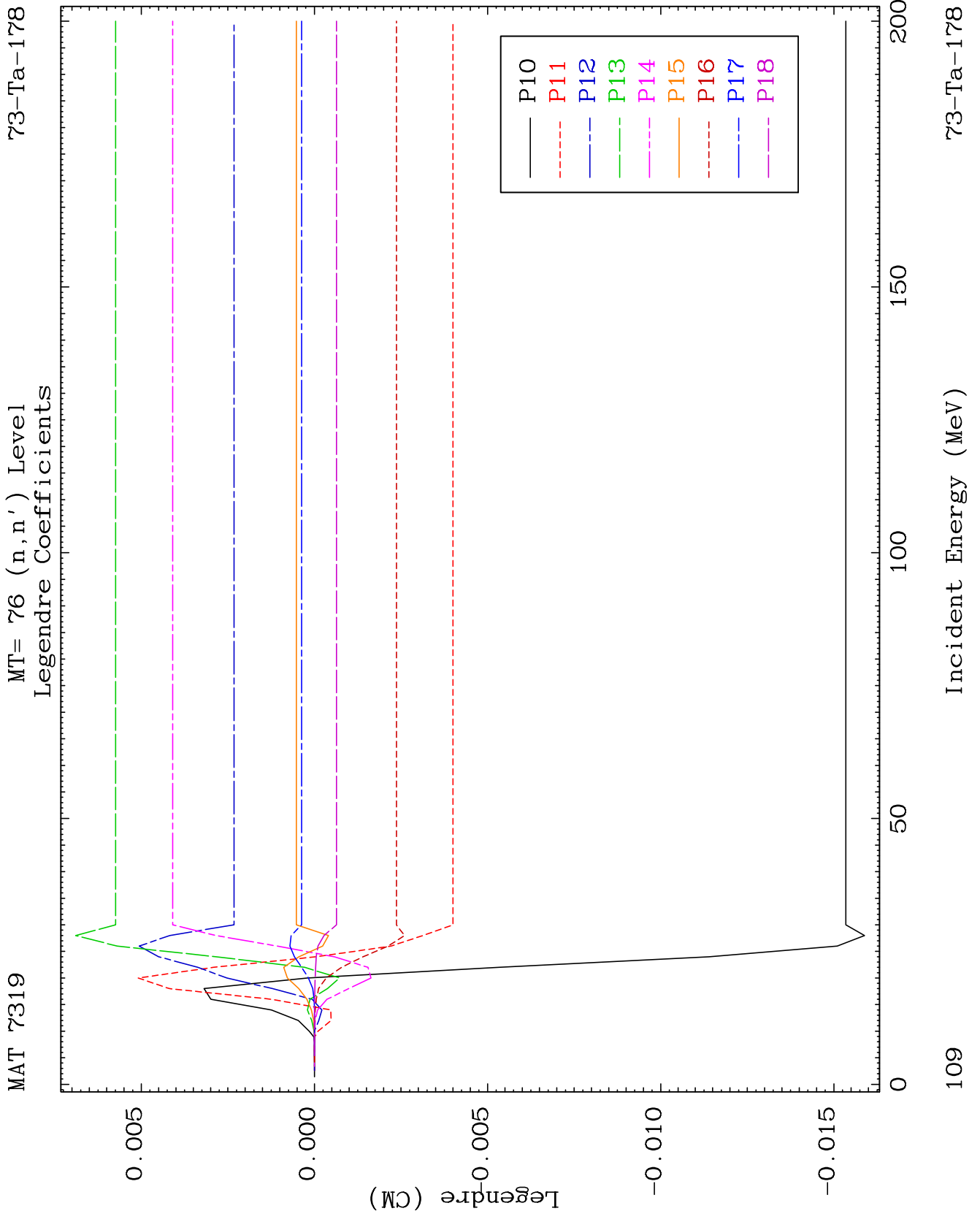
73-Ta-178



108

Incident Energy (MeV)

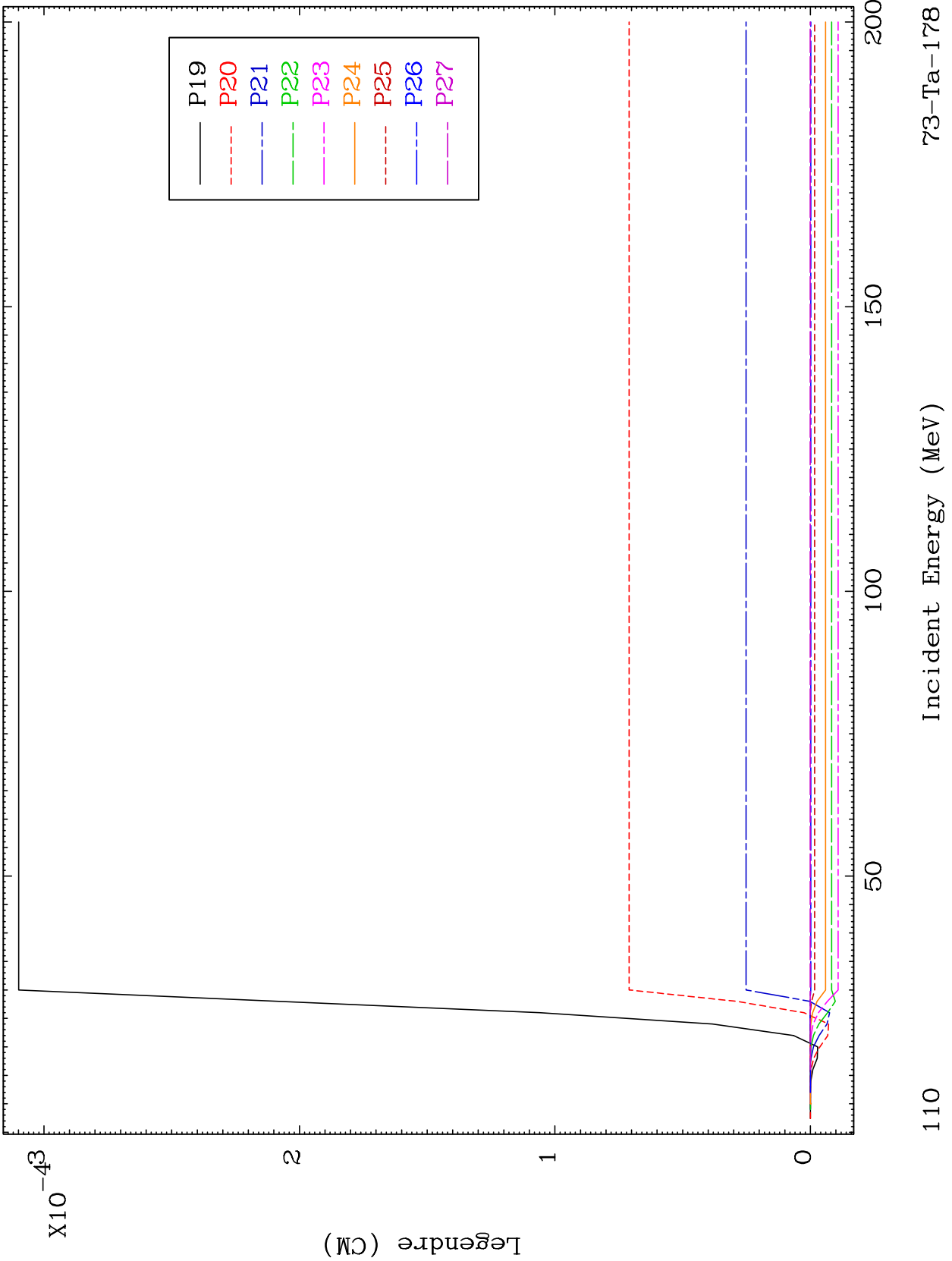
73-Ta-178



MAT 7319

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

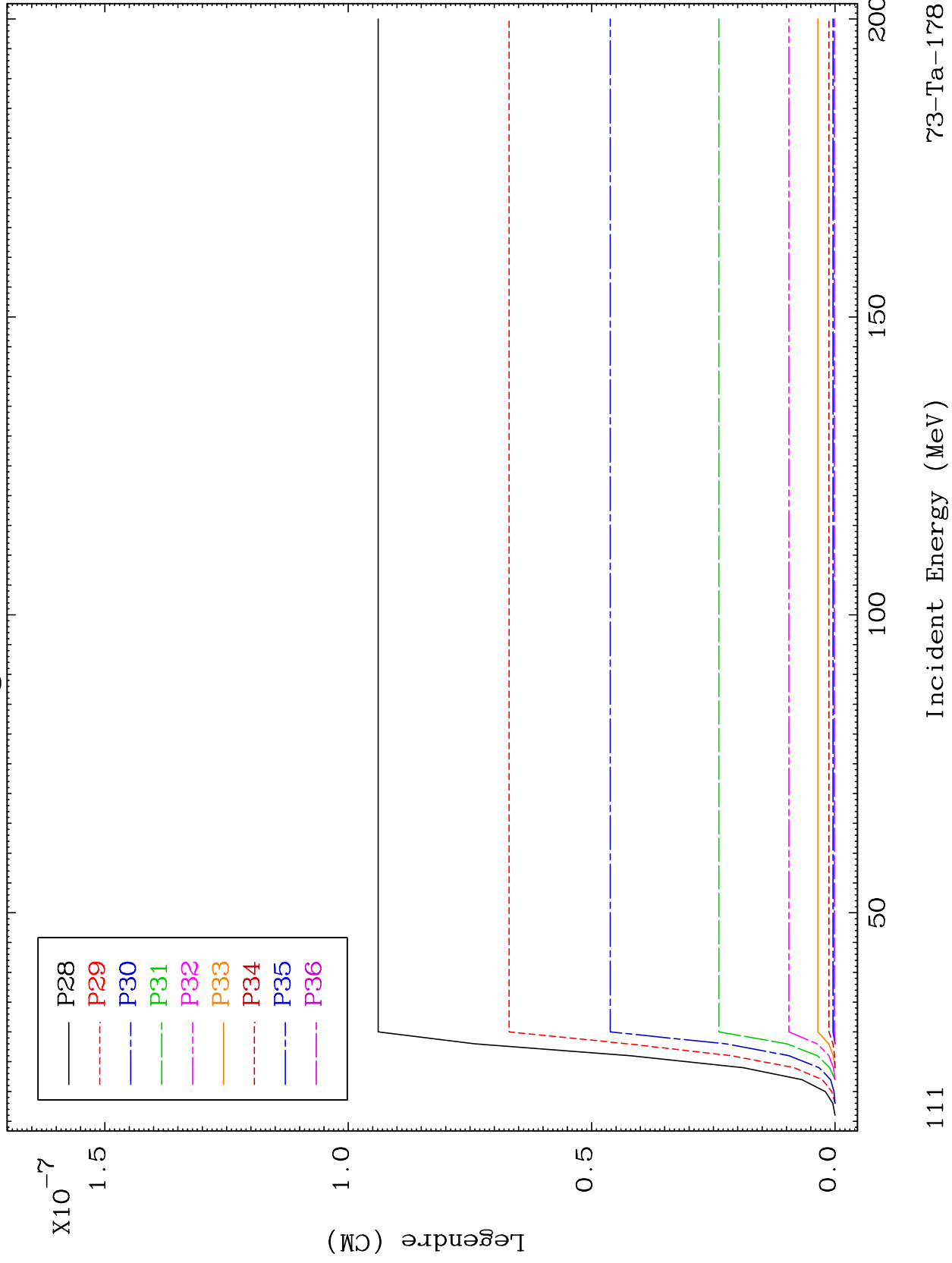
73-Ta-178



MAT 7319

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

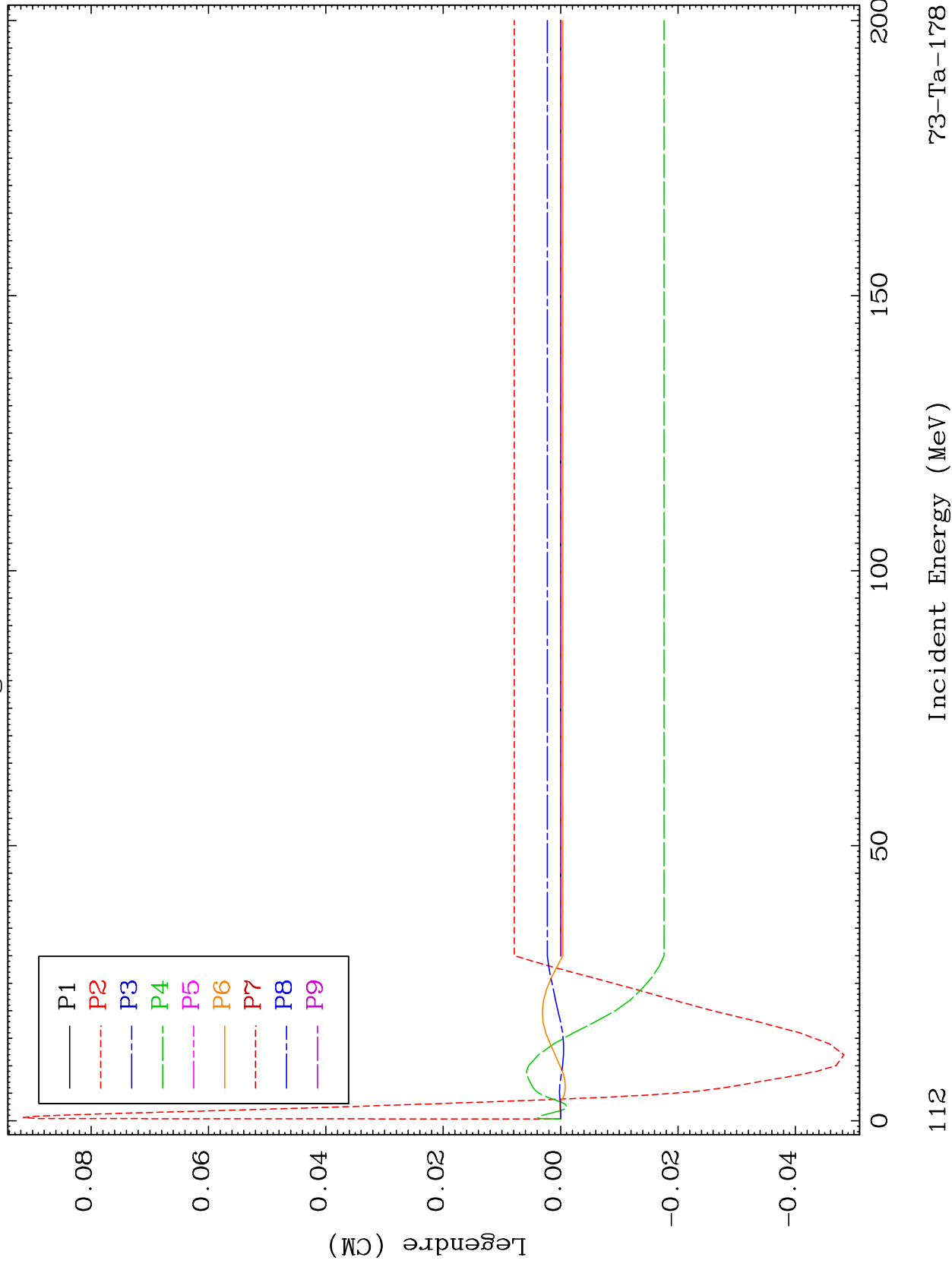
73-Ta-178



MAT 7319

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

<sup>73</sup>Ta-178



<sup>73</sup>Ta-178

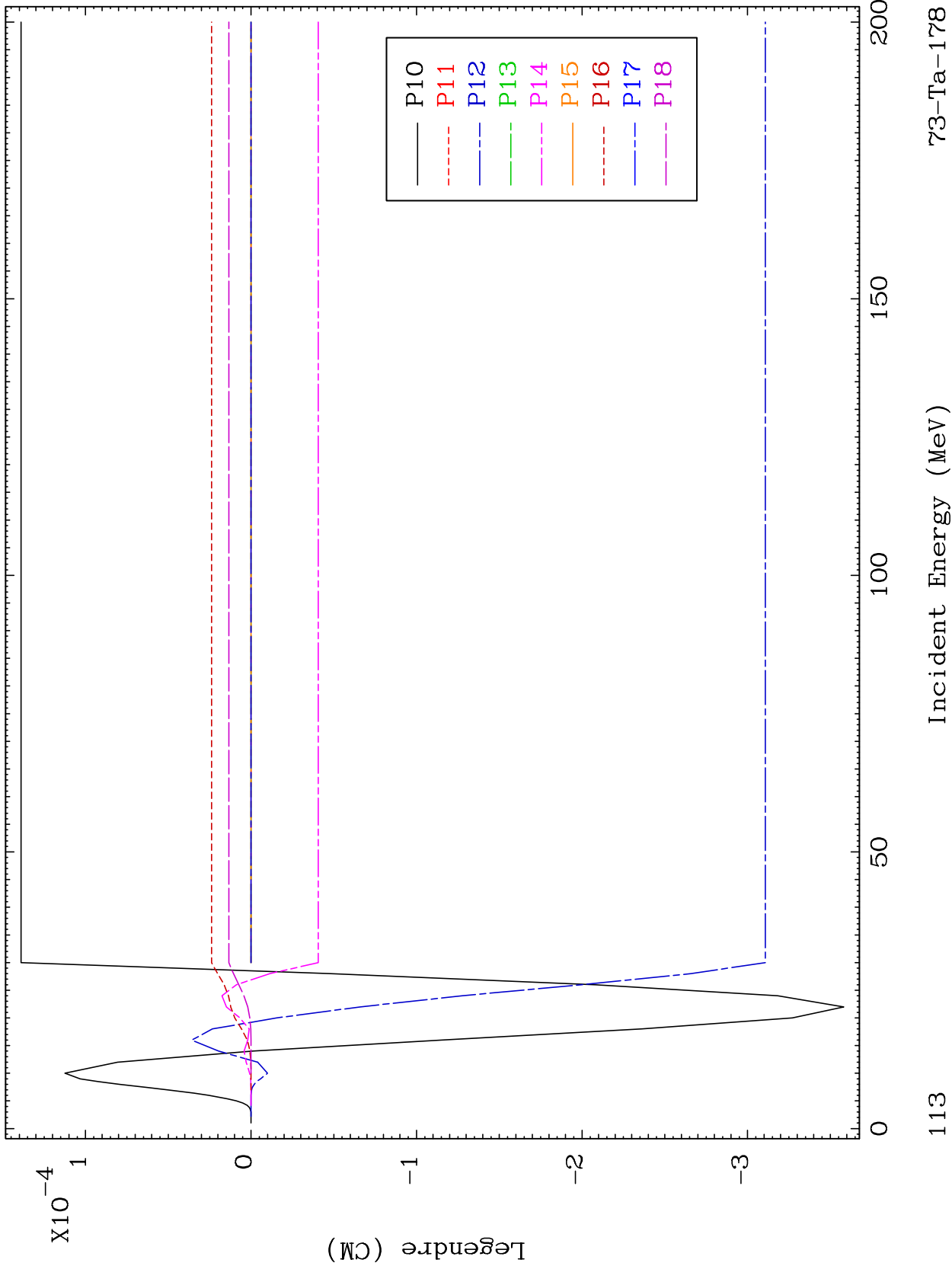
Incident Energy (MeV)

112

MAT 7319

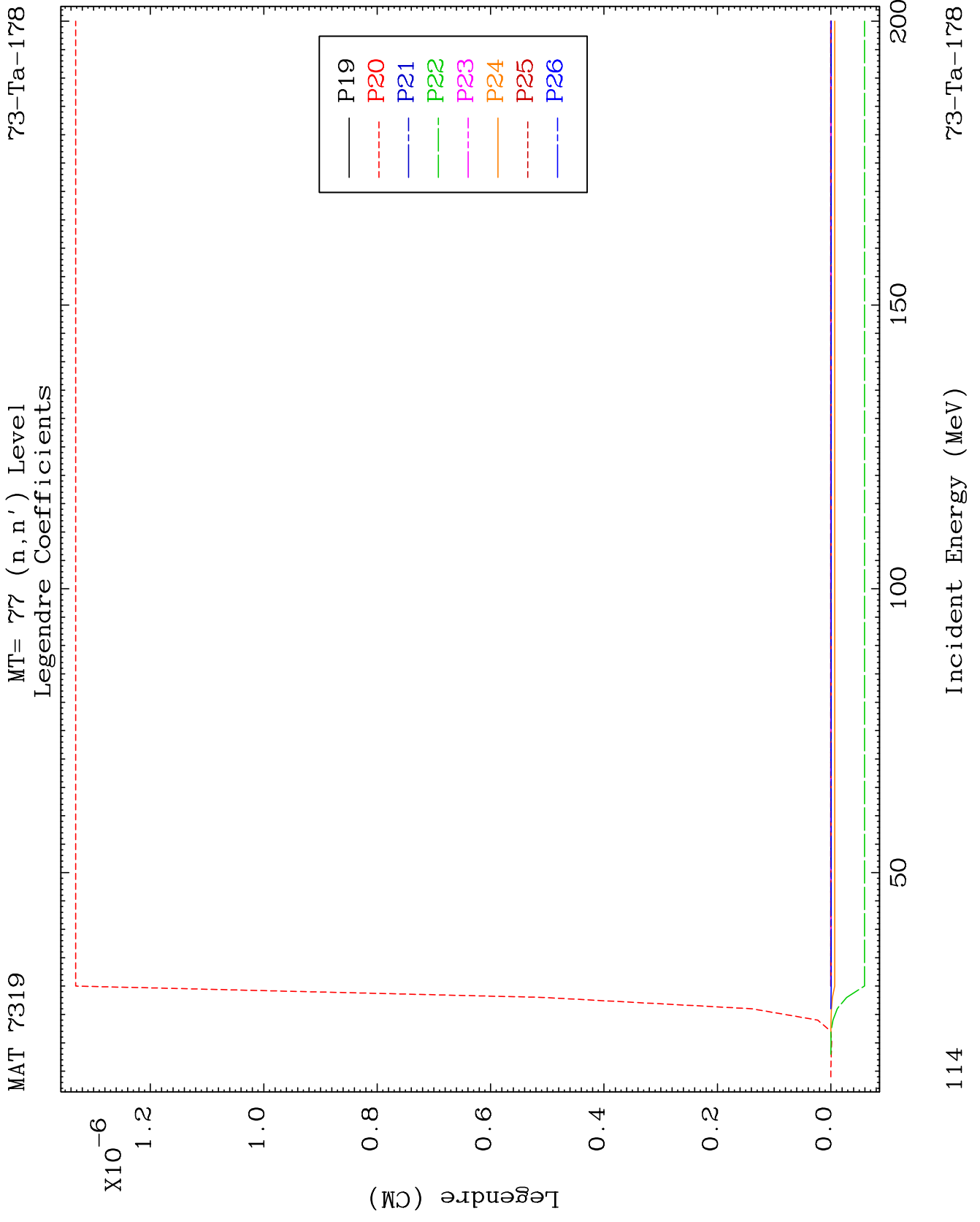
MT= 77 (n,n') Level  
Legendre Coefficients

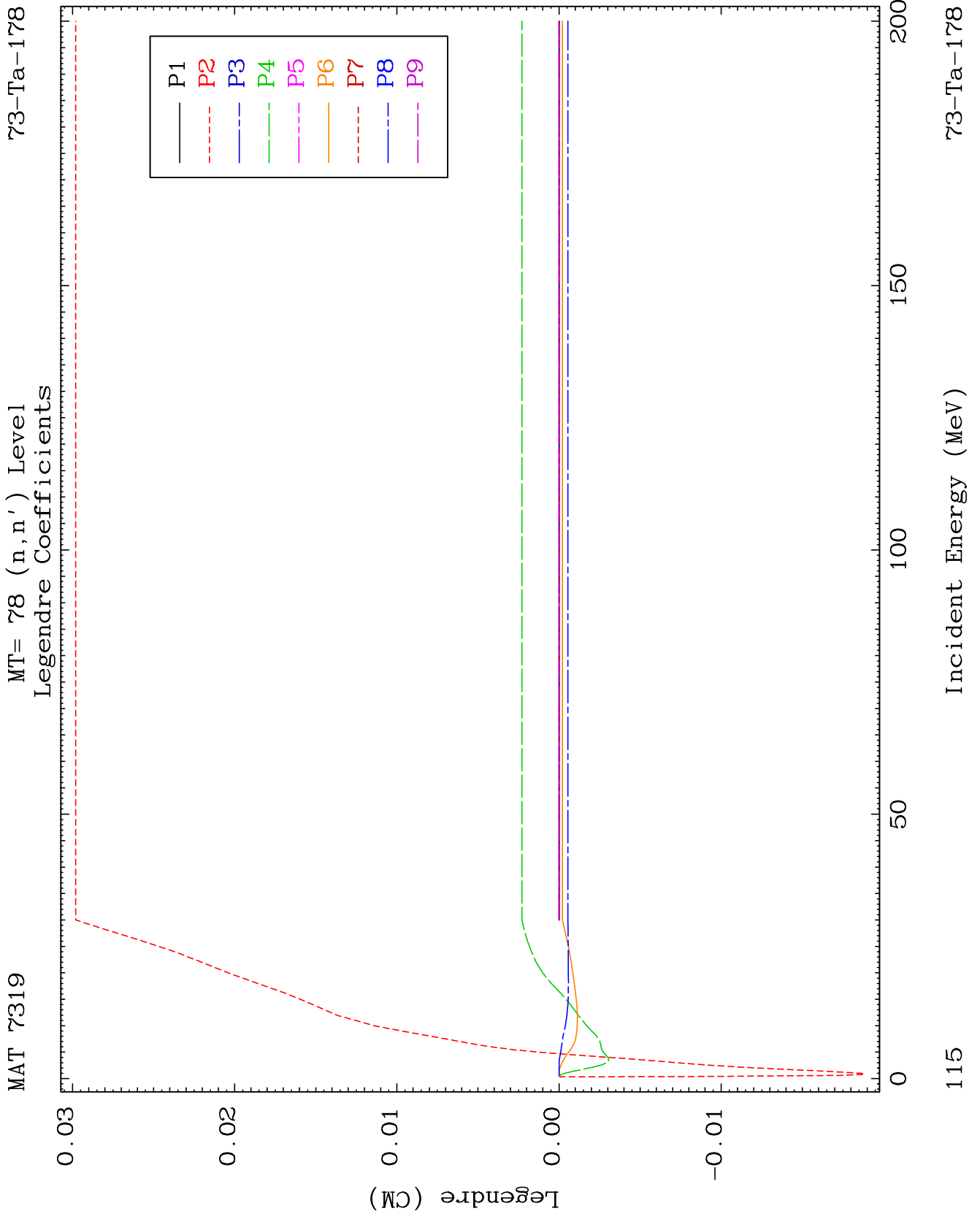
73-Ta-178

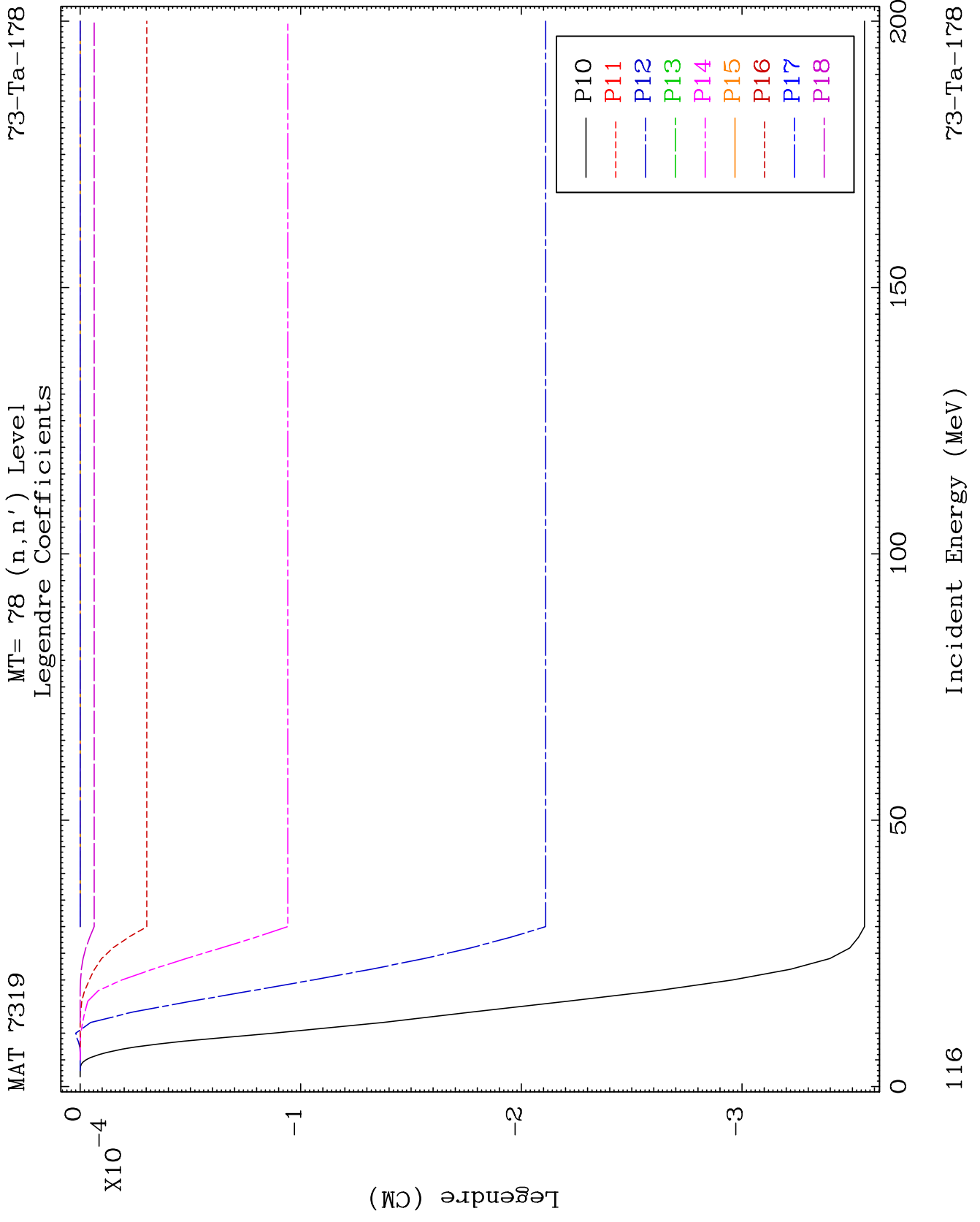


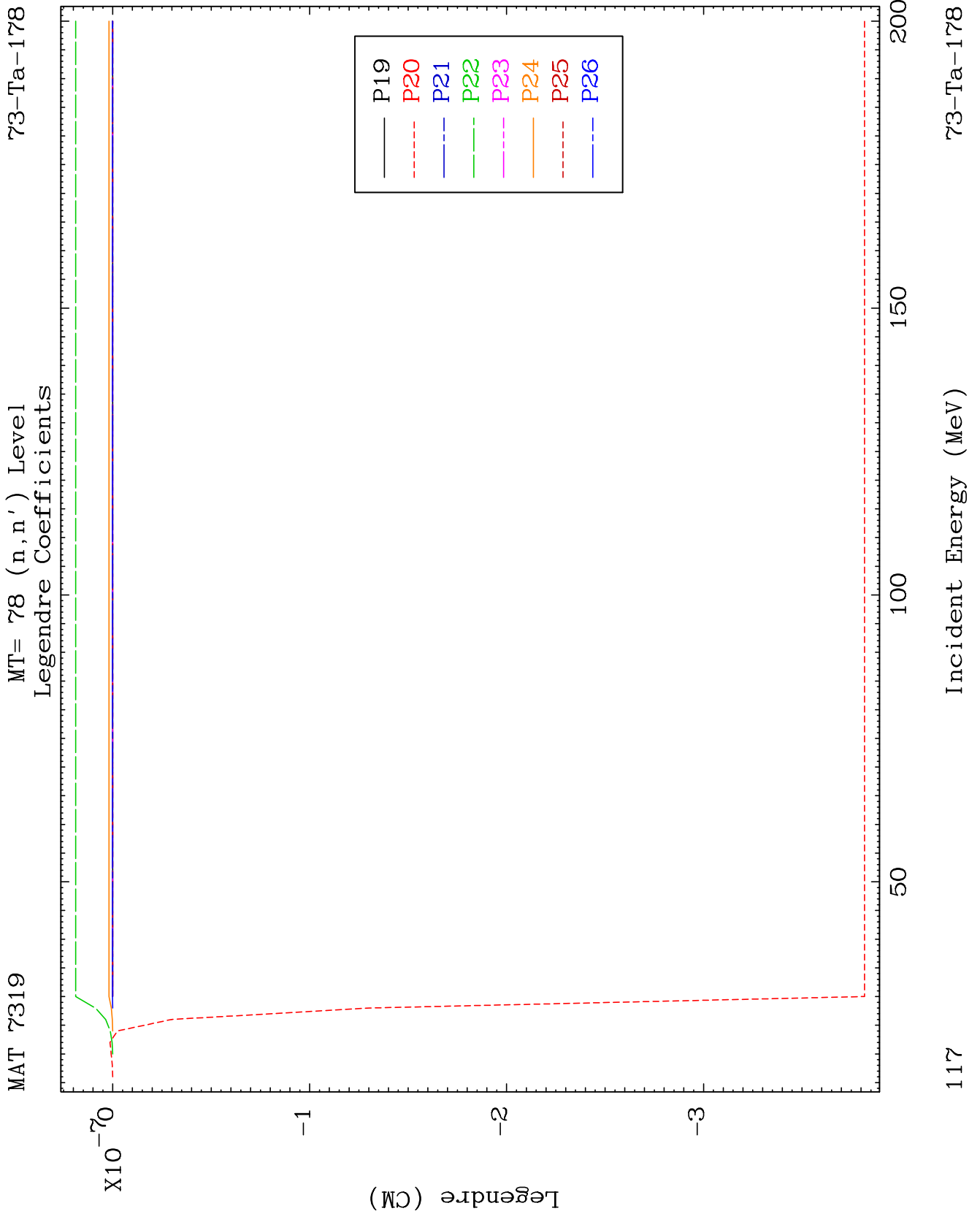
113

73-Ta-178





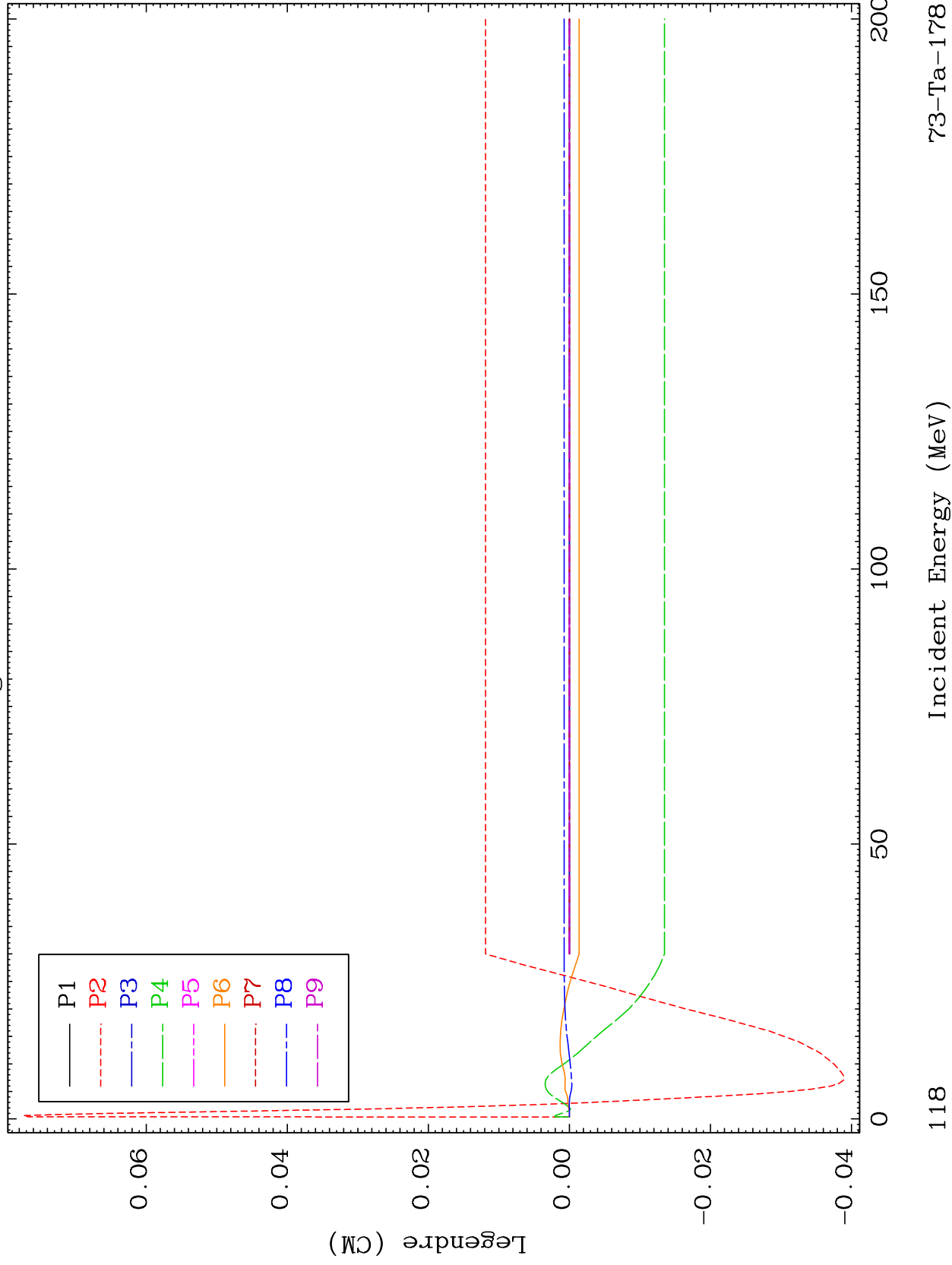




MAT 7319

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

<sup>73</sup>Ta-178



<sup>73</sup>Ta-178

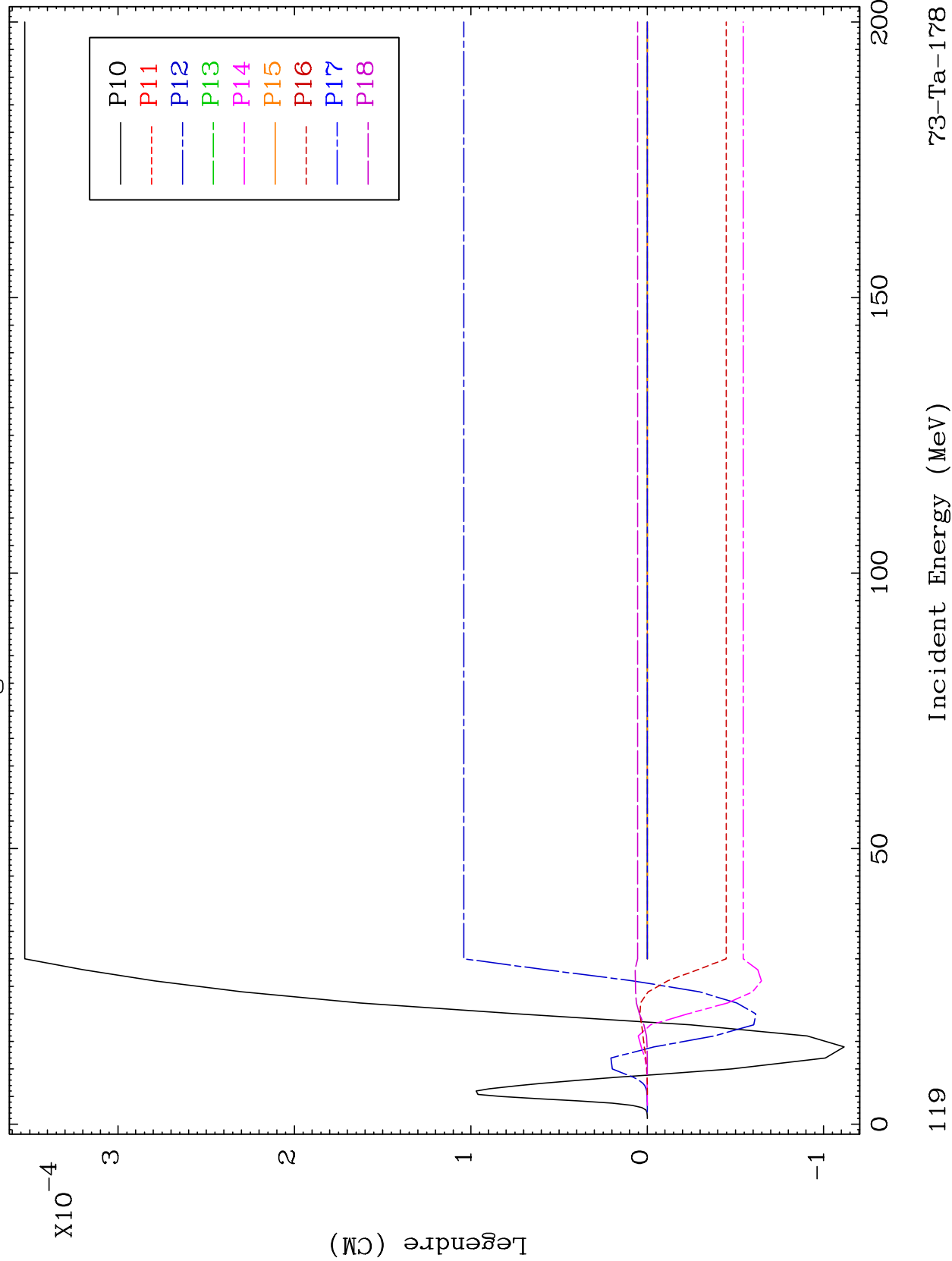
Incident Energy (MeV)

118

MAT 7319

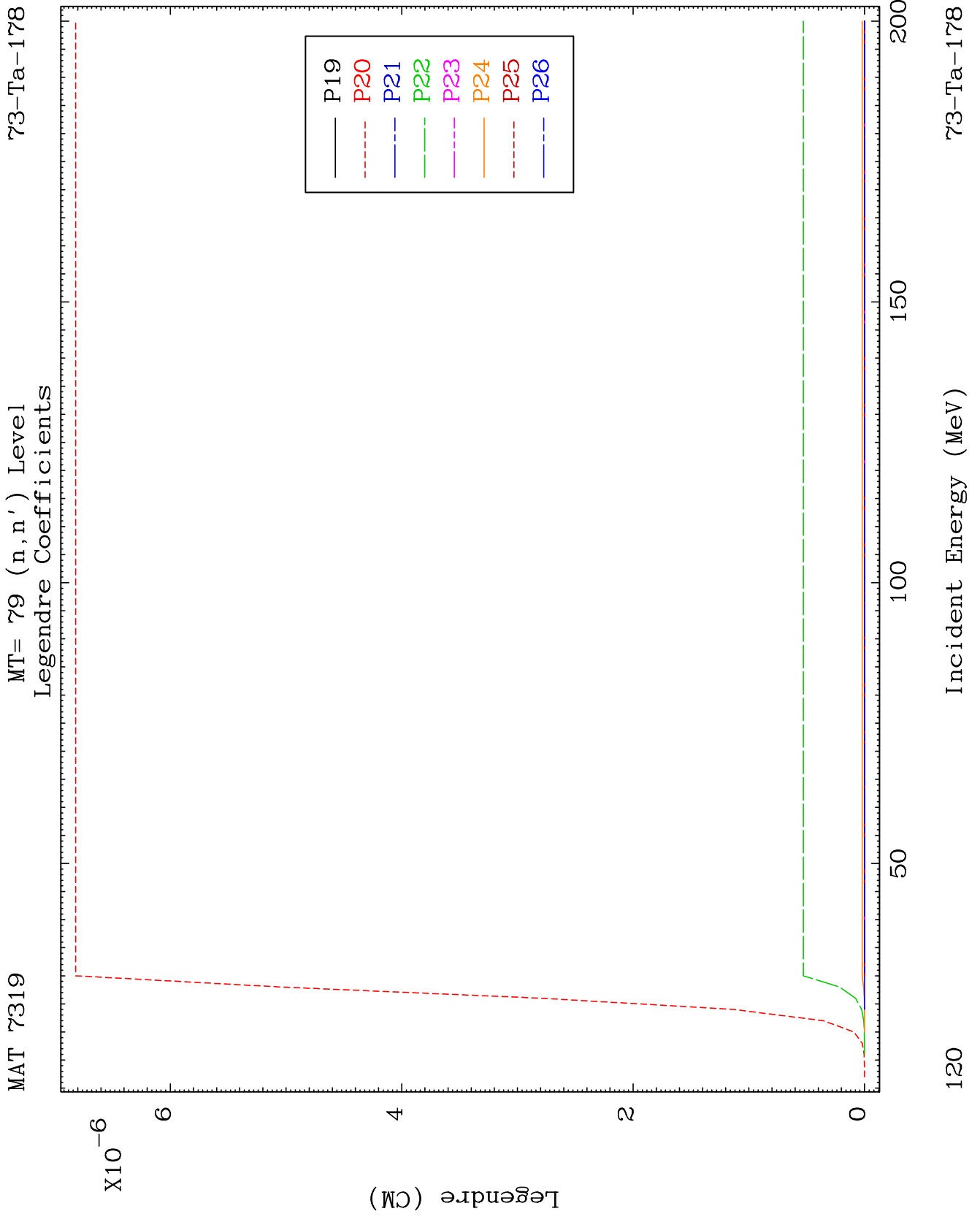
MT= 79 (n,n') Level  
Legendre Coefficients

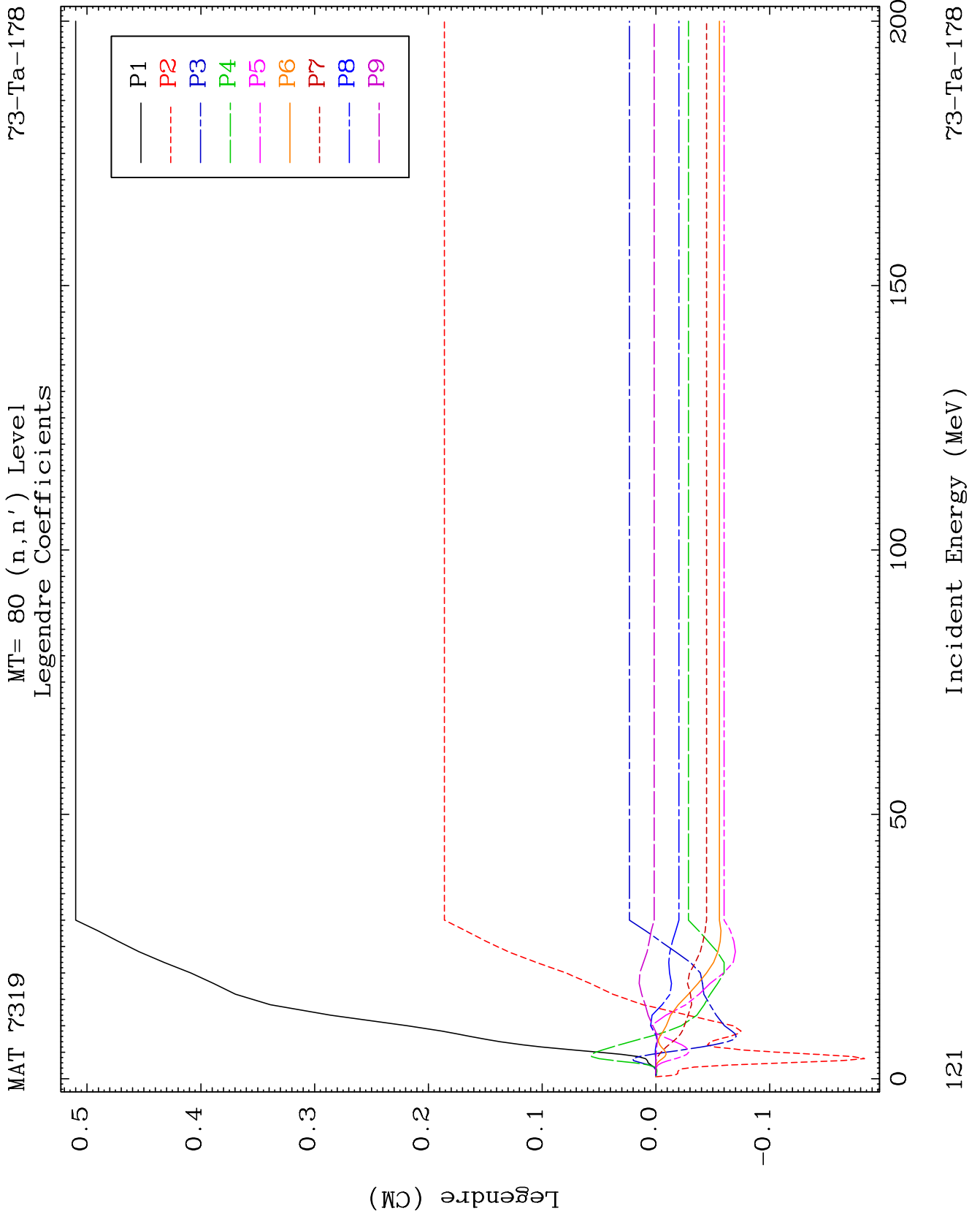
73-Ta-178

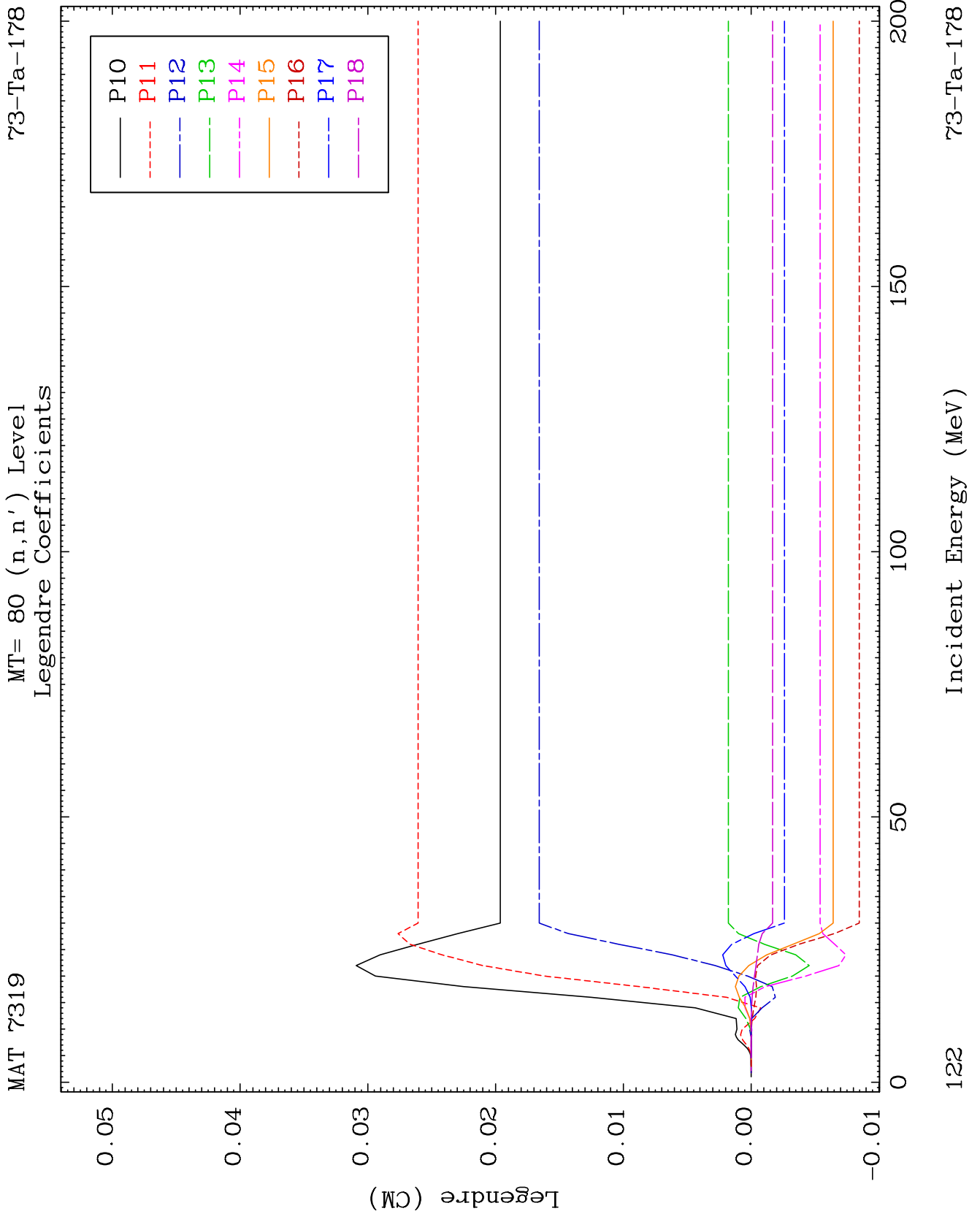


119

73-Ta-178



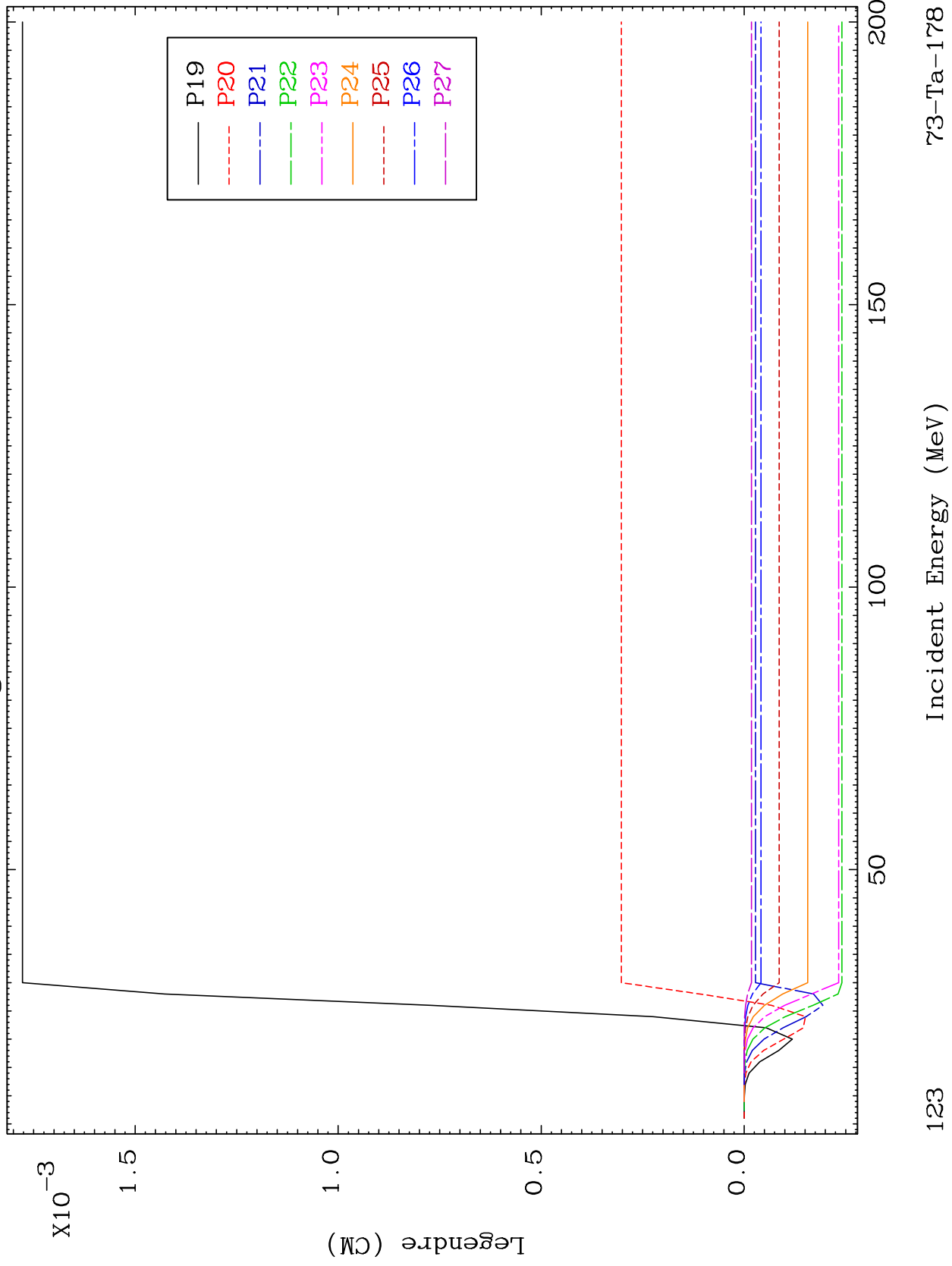




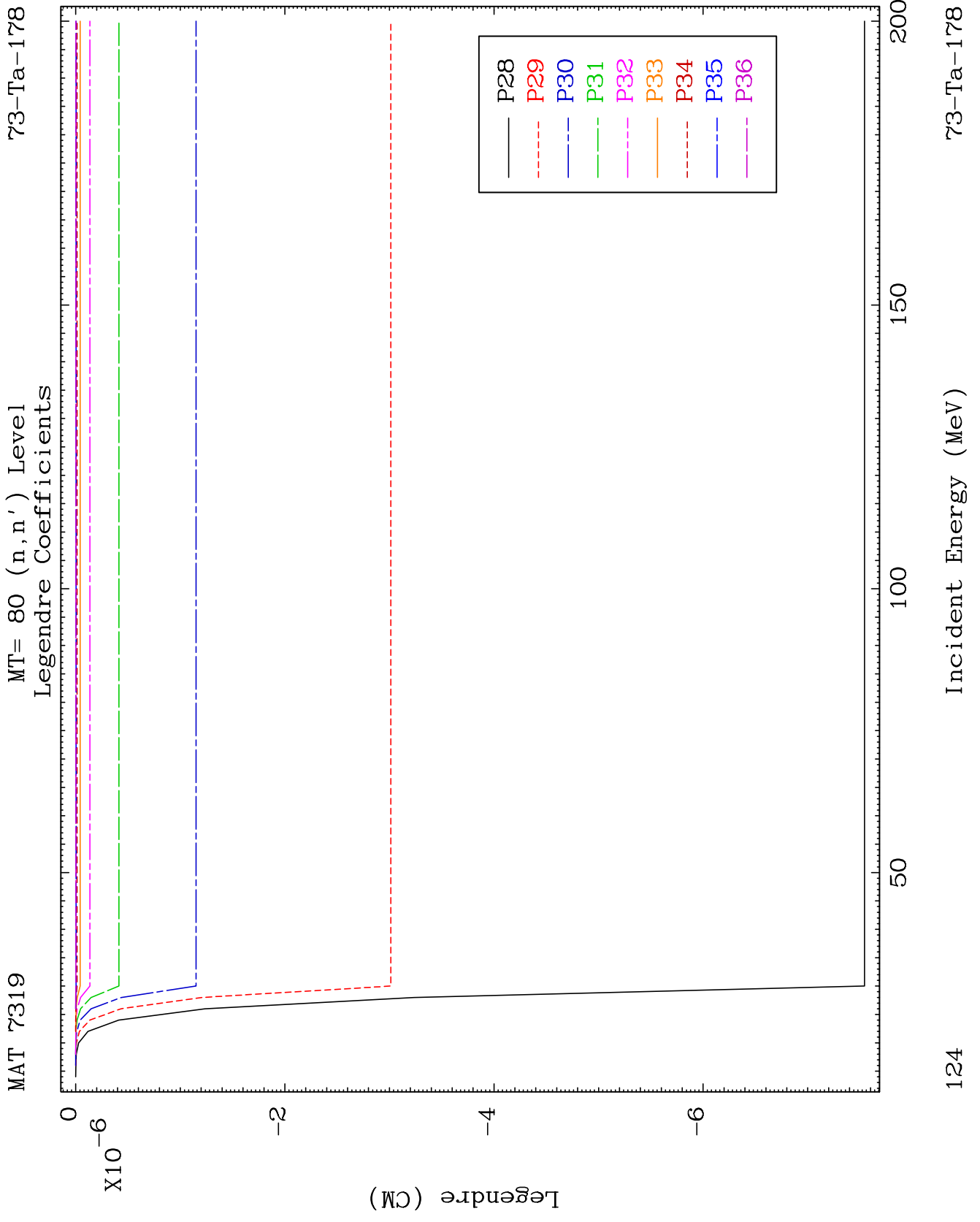
MAT 7319

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

73-Ta-178



123

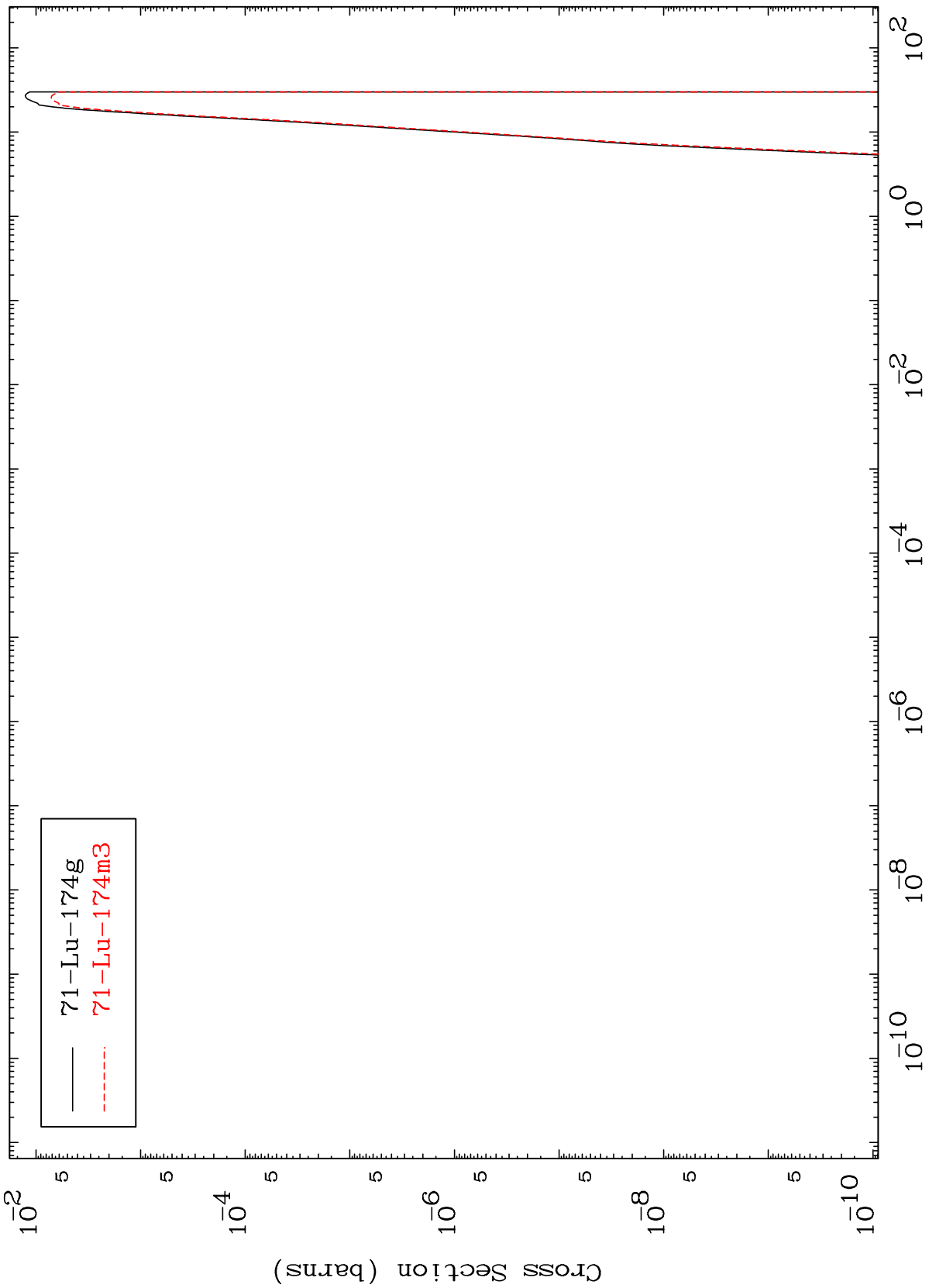


MAT 7319

$(n, n') \alpha$

$^{73}\text{Ta-178}$

Radionuclide Production Cross Section

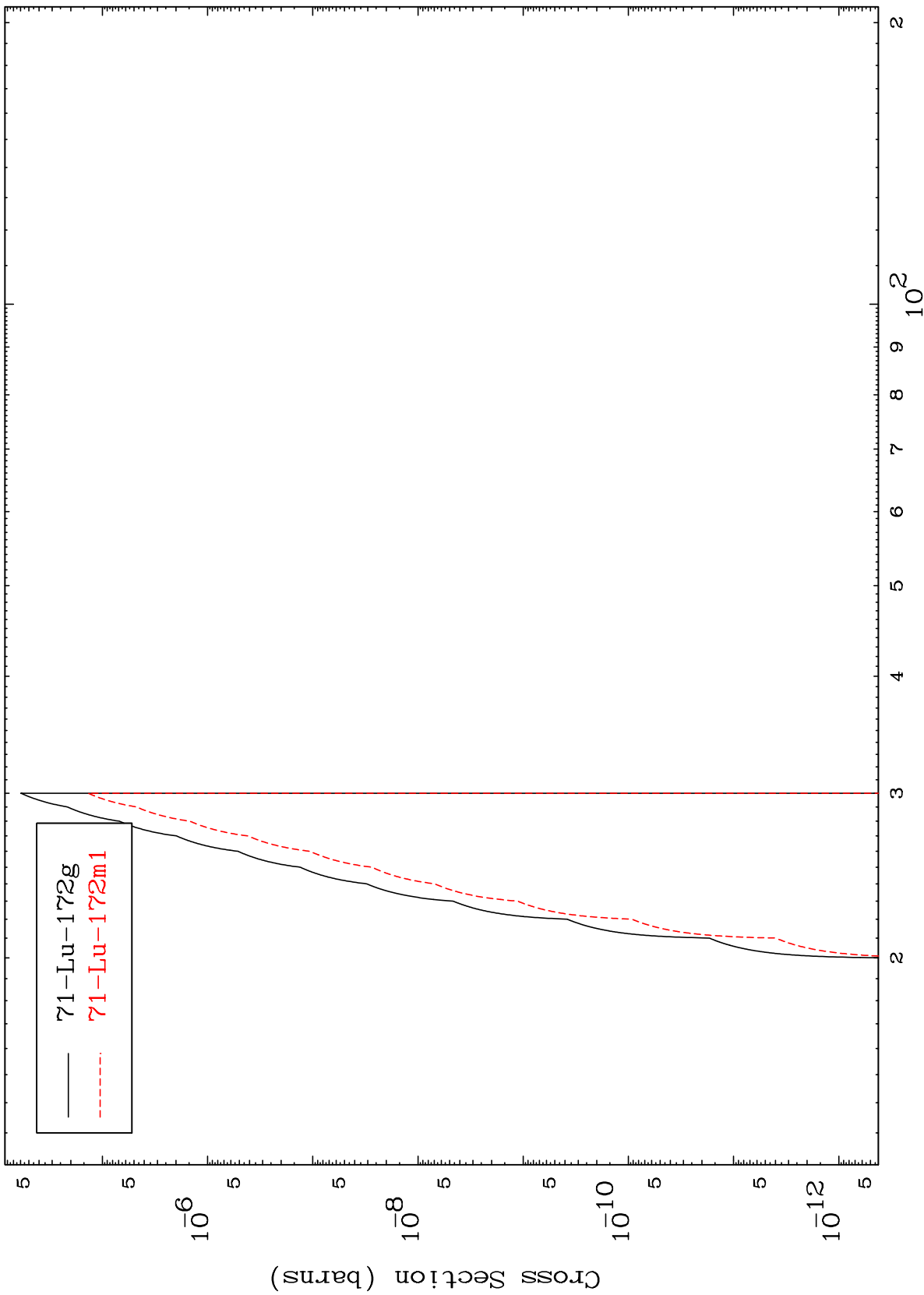


MAT 7319

(n,3n)  $\alpha$

$^{73}\text{Ta-178}$

Radionuclide Production Cross Section



126

Incident Energy (MeV)

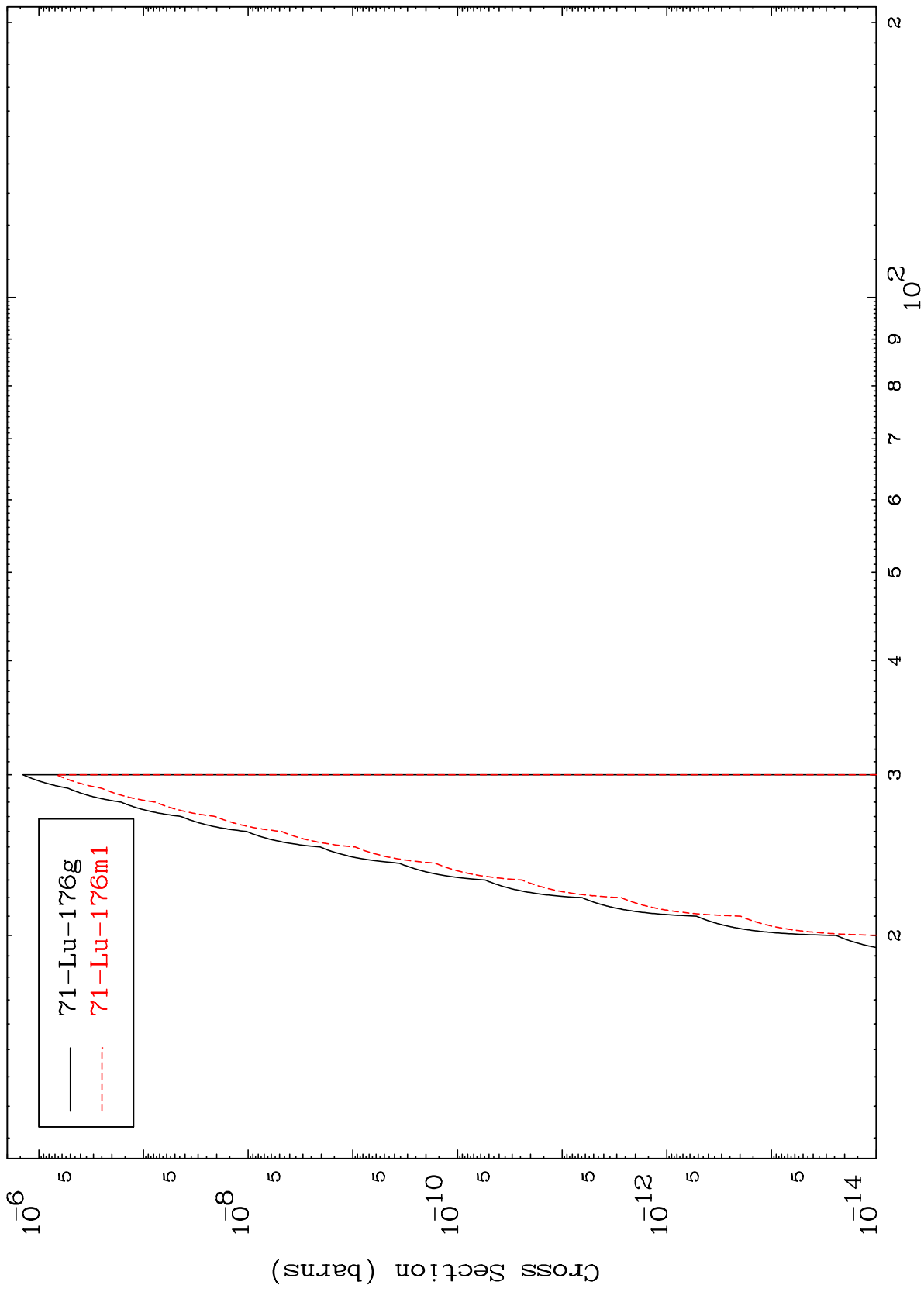
$^{73}\text{Ta-178}$

MAT 7319

(n,2n) p

<sup>73</sup>Ta-178

Radionuclide Production Cross Section



127

Incident Energy (MeV)

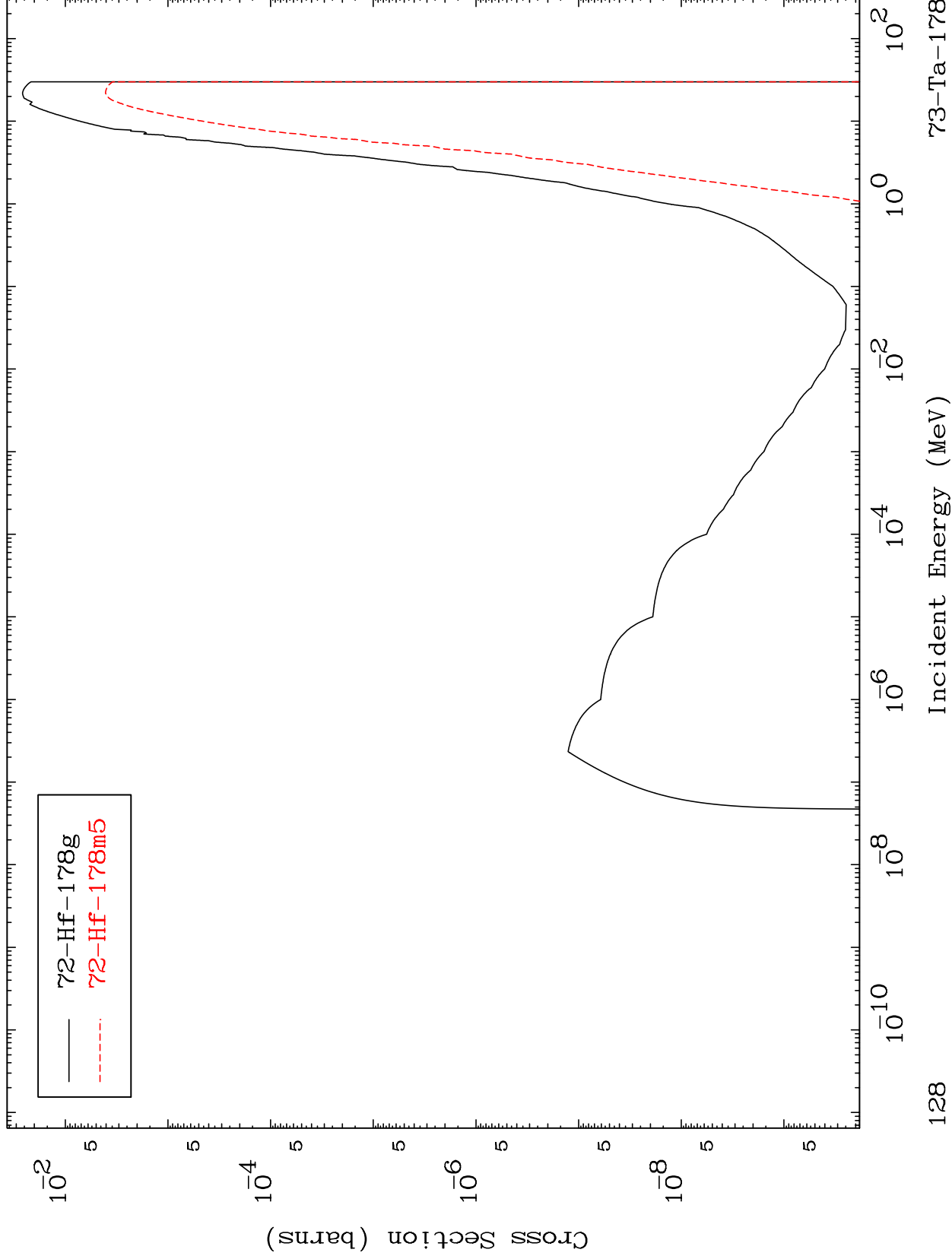
<sup>73</sup>Ta-178

MAT 7319

(n,p)

<sup>73</sup>Ta-178

Radionuclide Production Cross Section



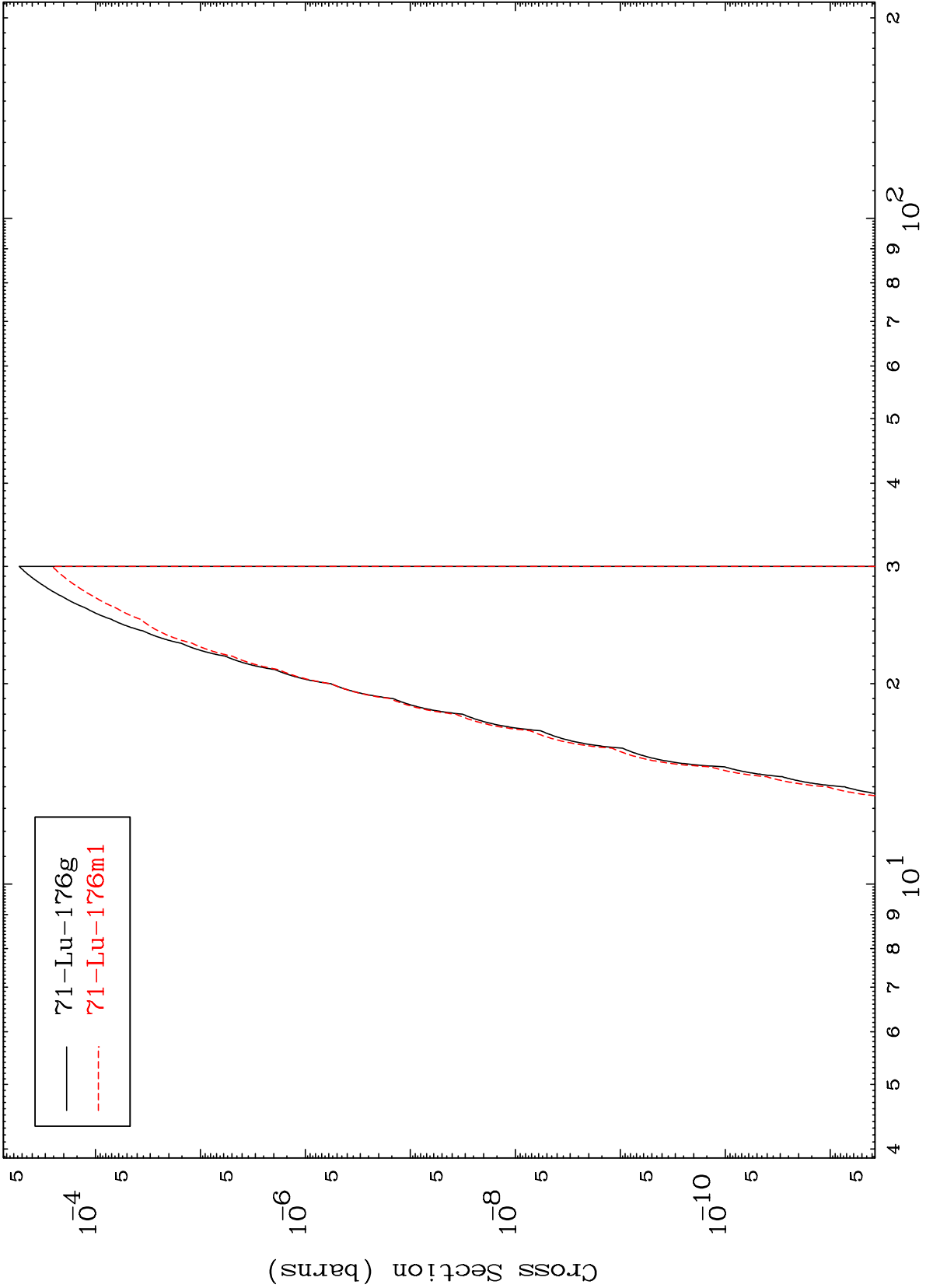
128

MAT 7319

(n,He-3)

73-Ta-178

Radionuclide Production Cross Section



129

Incident Energy (MeV)

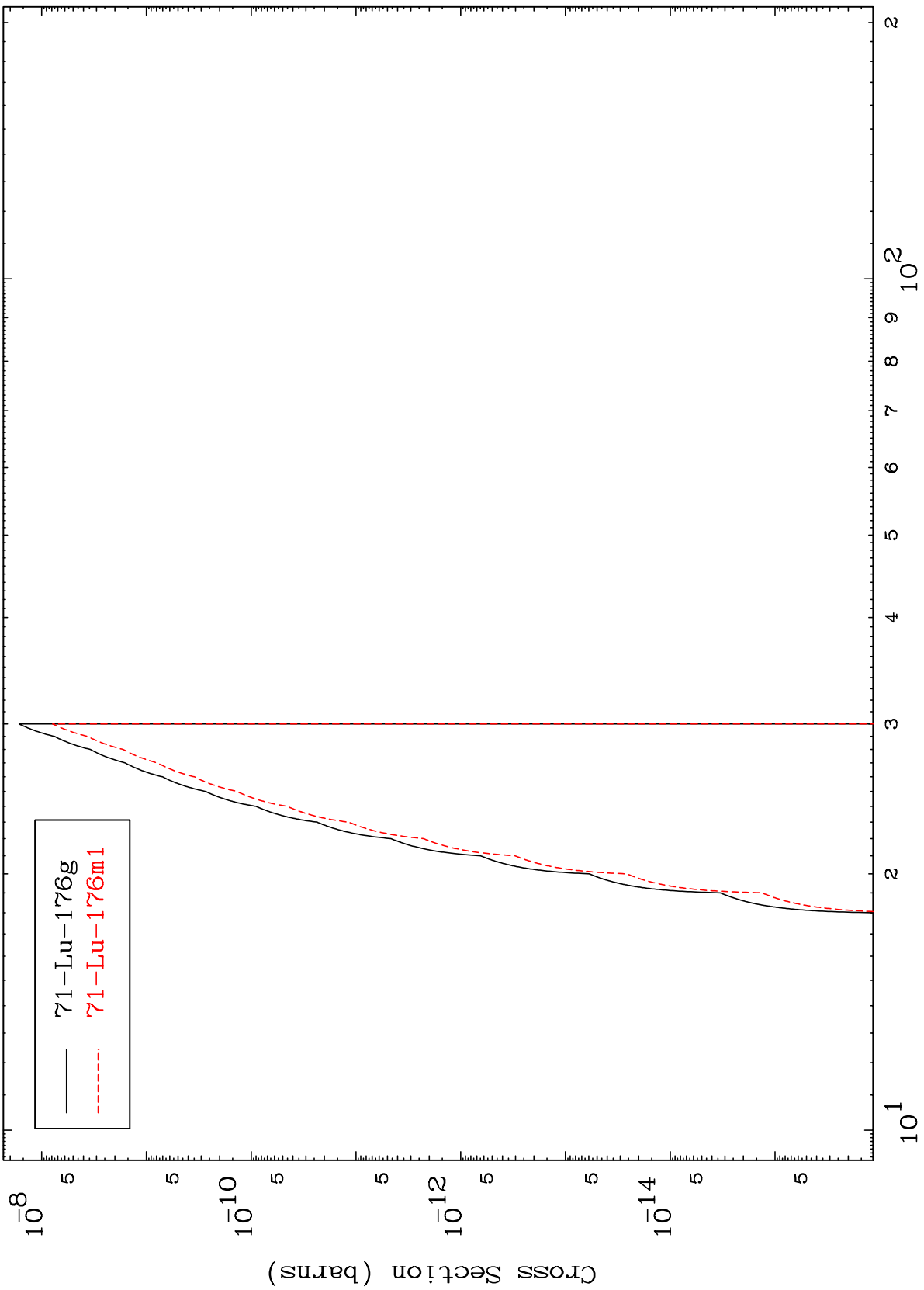
73-Ta-178

MAT 7319

(n,p) d

<sup>73</sup>Ta-178

Radionuclide Production Cross Section



71-Lu-176g  
71-Lu-176m1

130

Incident Energy (MeV)

<sup>73</sup>Ta-178