

Program EVALPLOT
(Version 2018-1)

by

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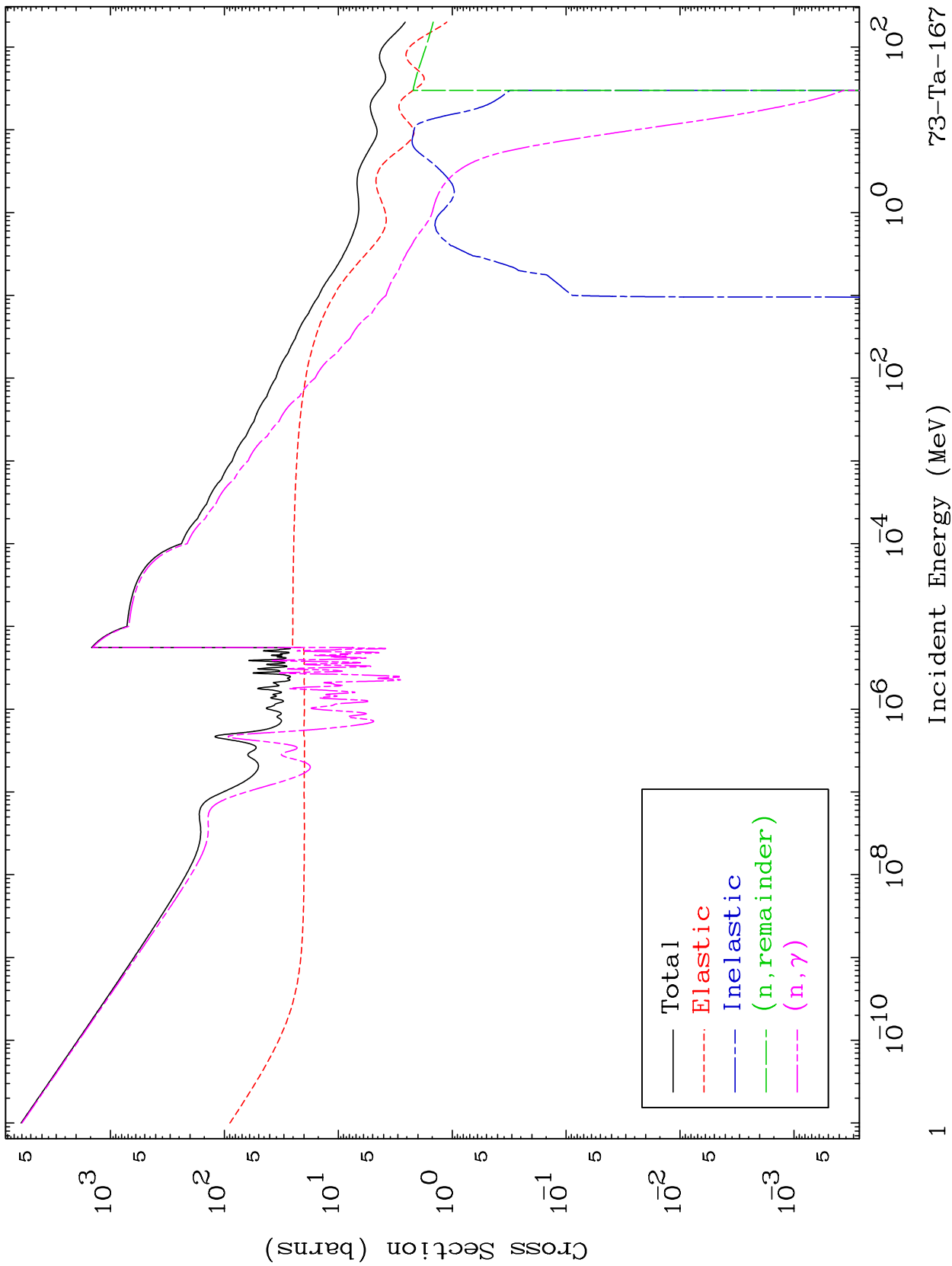
Press Mouse Button to Start

MAT 7286

Major

293 Kelvin Cross Sections

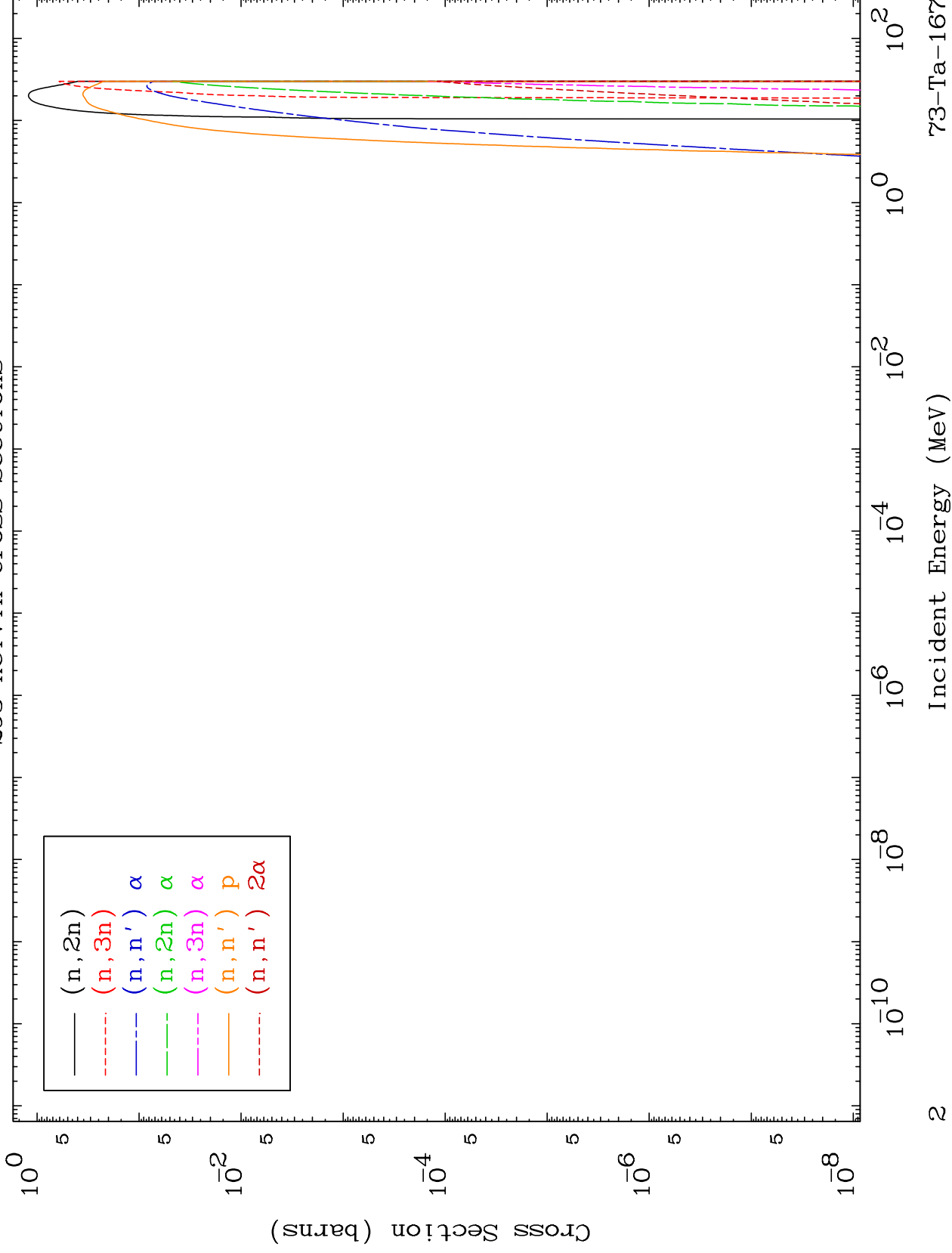
73-Ta-167



MAT 7286

Neutron Production
293 Kelvin Cross Sections

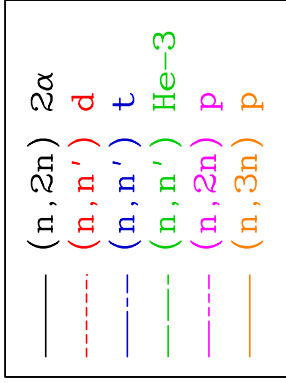
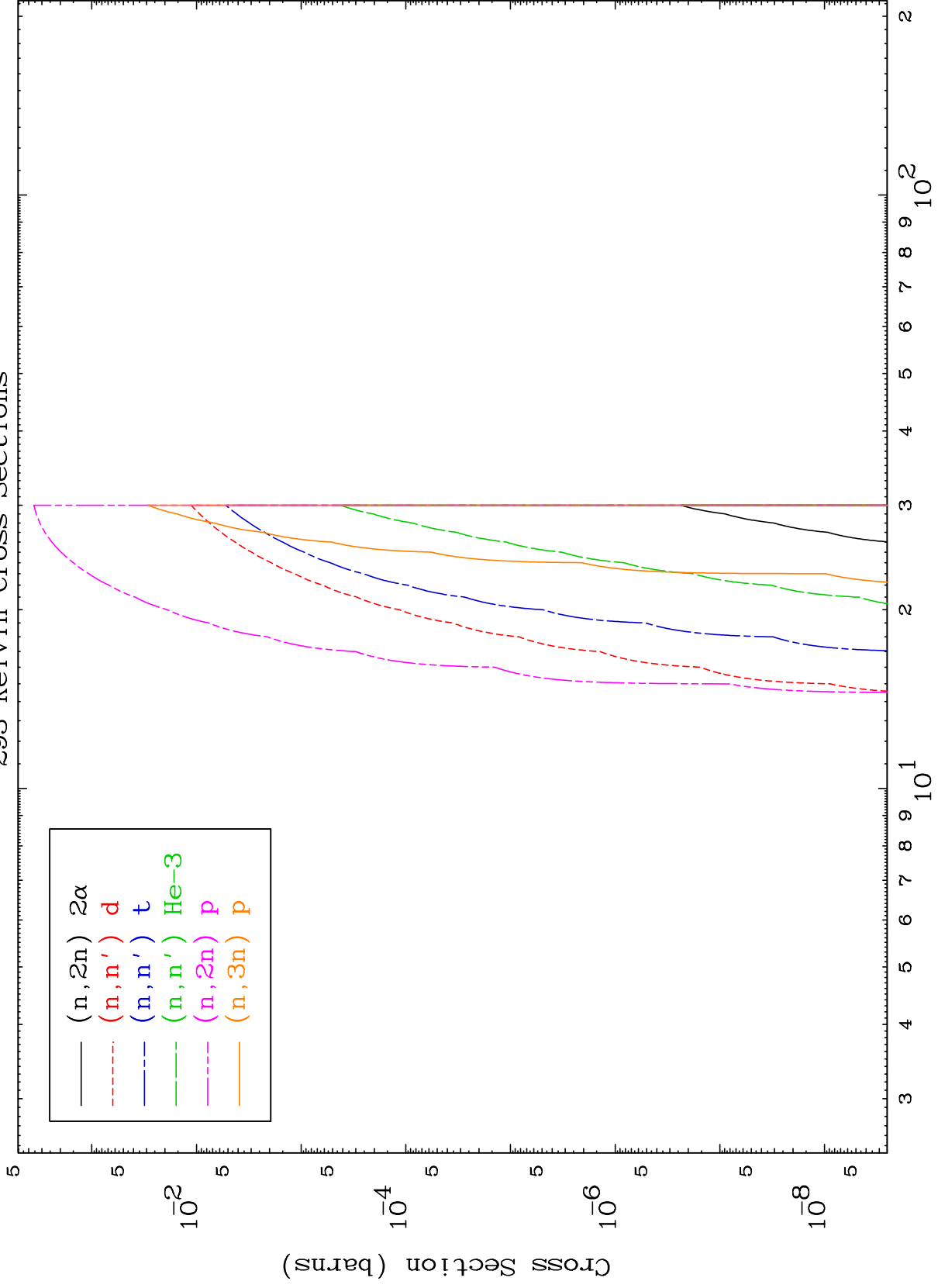
73-Ta-167



MAT 7286

Neutron Production
293 Kelvin Cross Sections

73-Ta-167



Incident Energy (MeV)

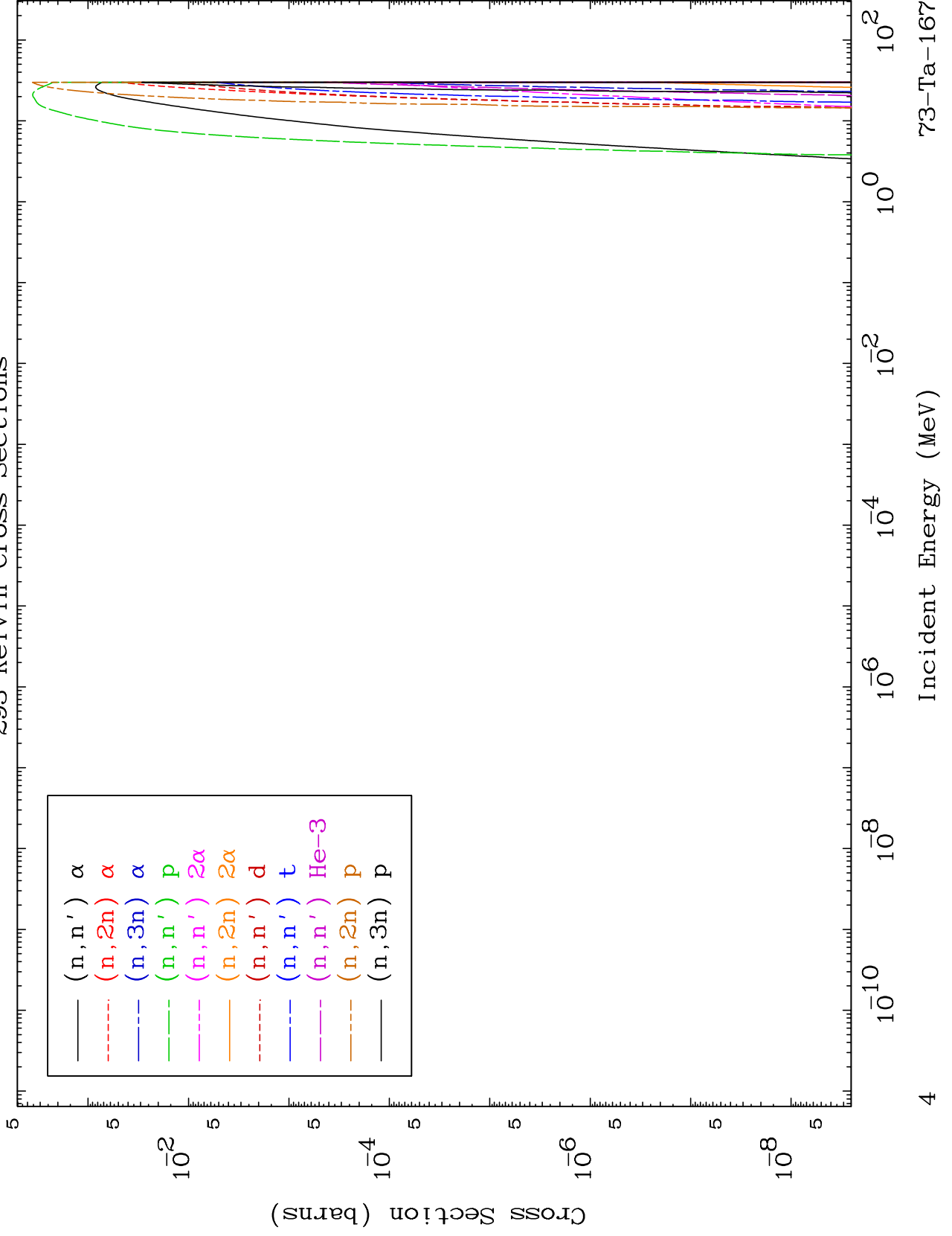
73-Ta-167

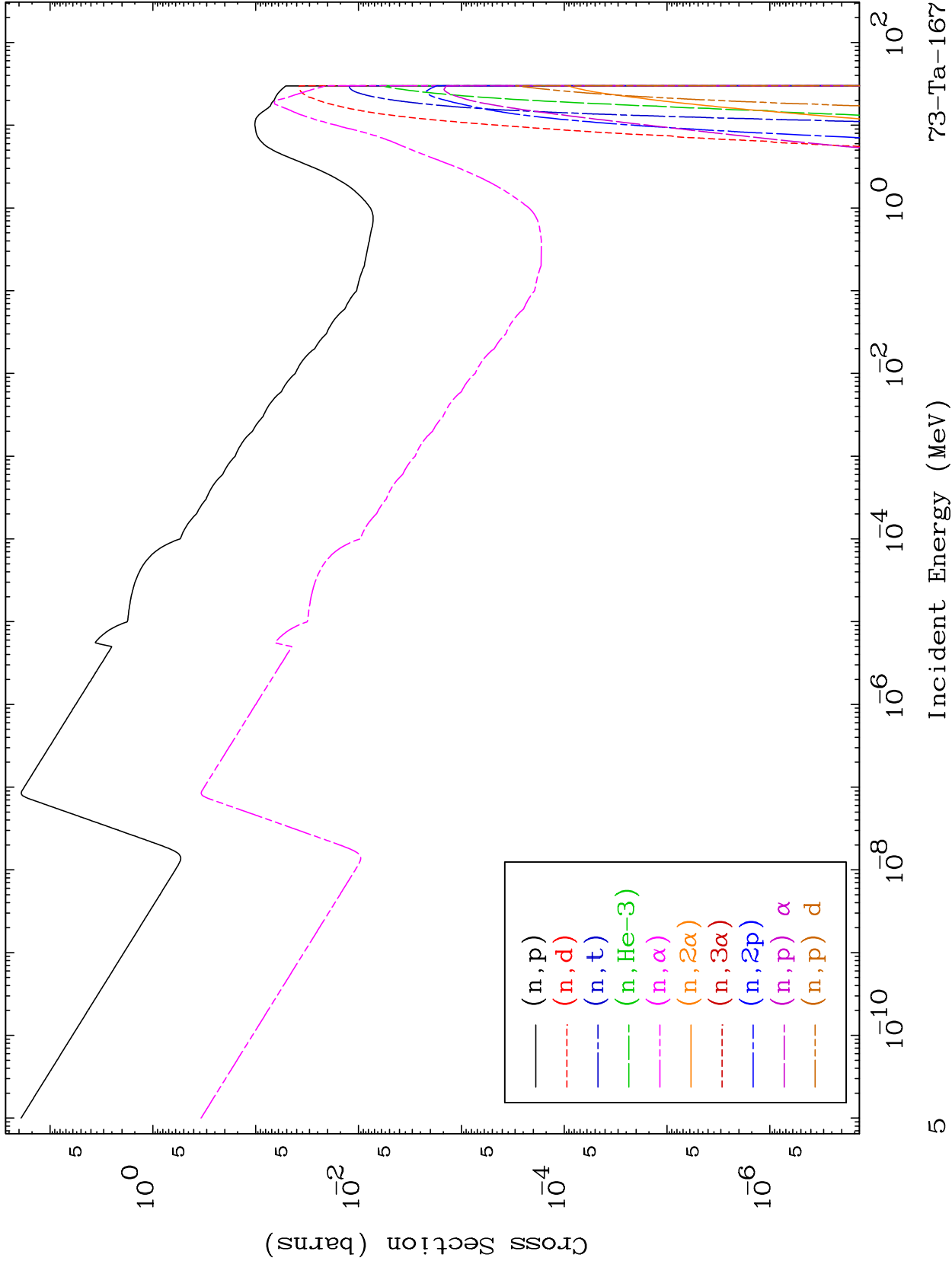
3

MAT 7286

Charged Particle
293 Kelvin Cross Sections

73-Ta-167

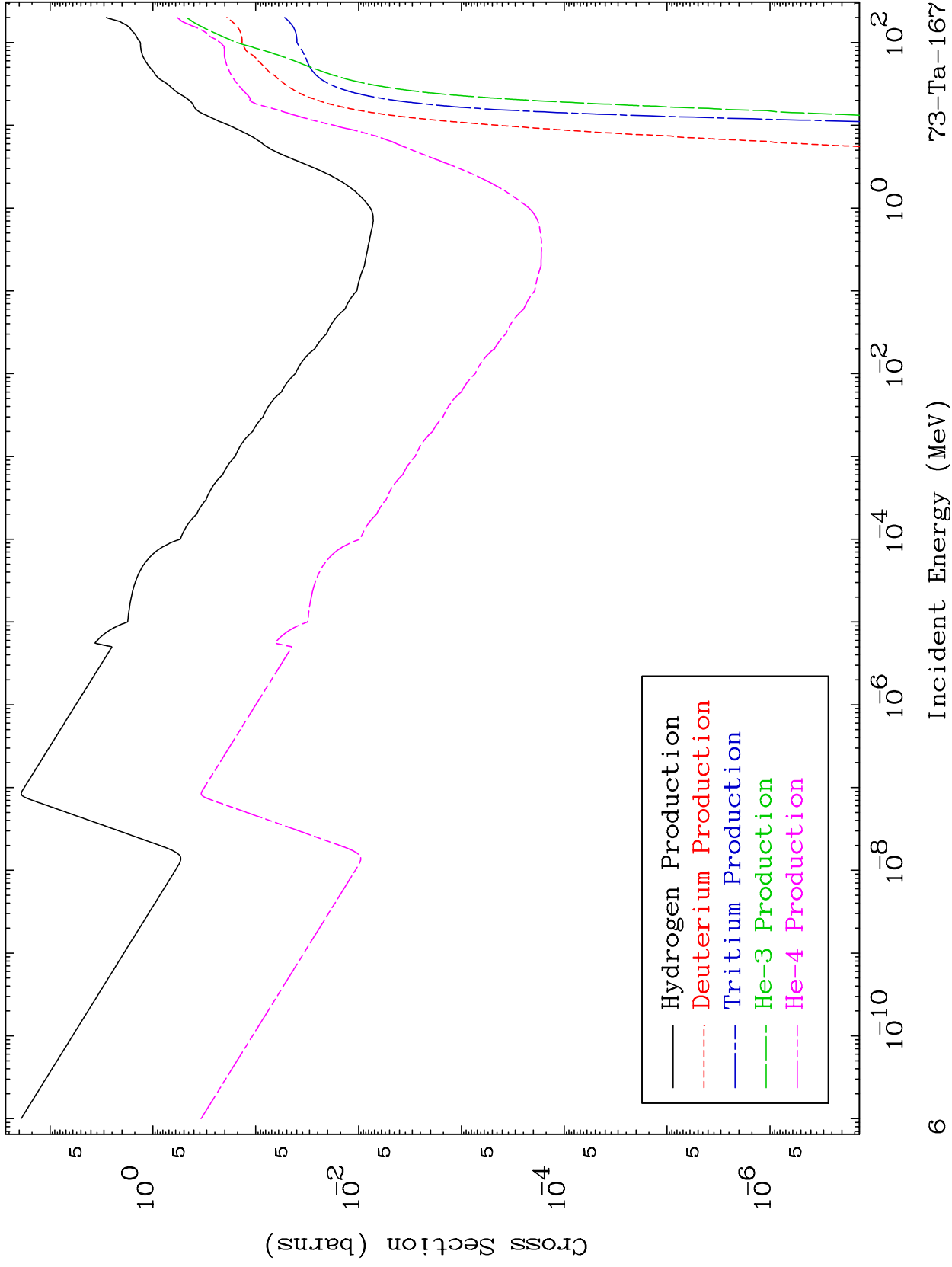




MAT 7286

Particle Production
293 Kelvin Cross Sections

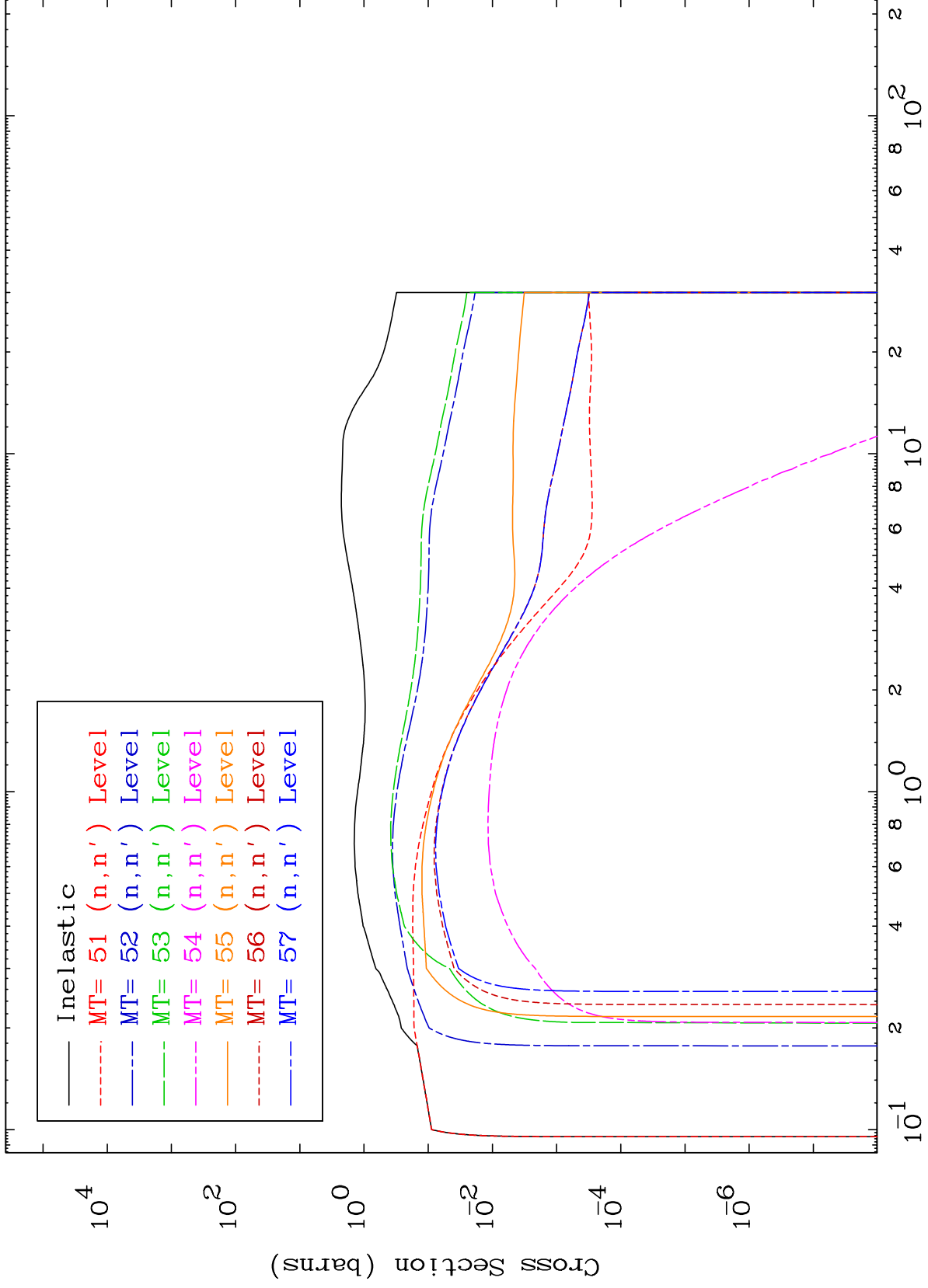
73-Ta-167



MAT 7286

(n,n') Level
293 Kelvin Cross Sections

73-Ta-167



Incident Energy (MeV)

73-Ta-167

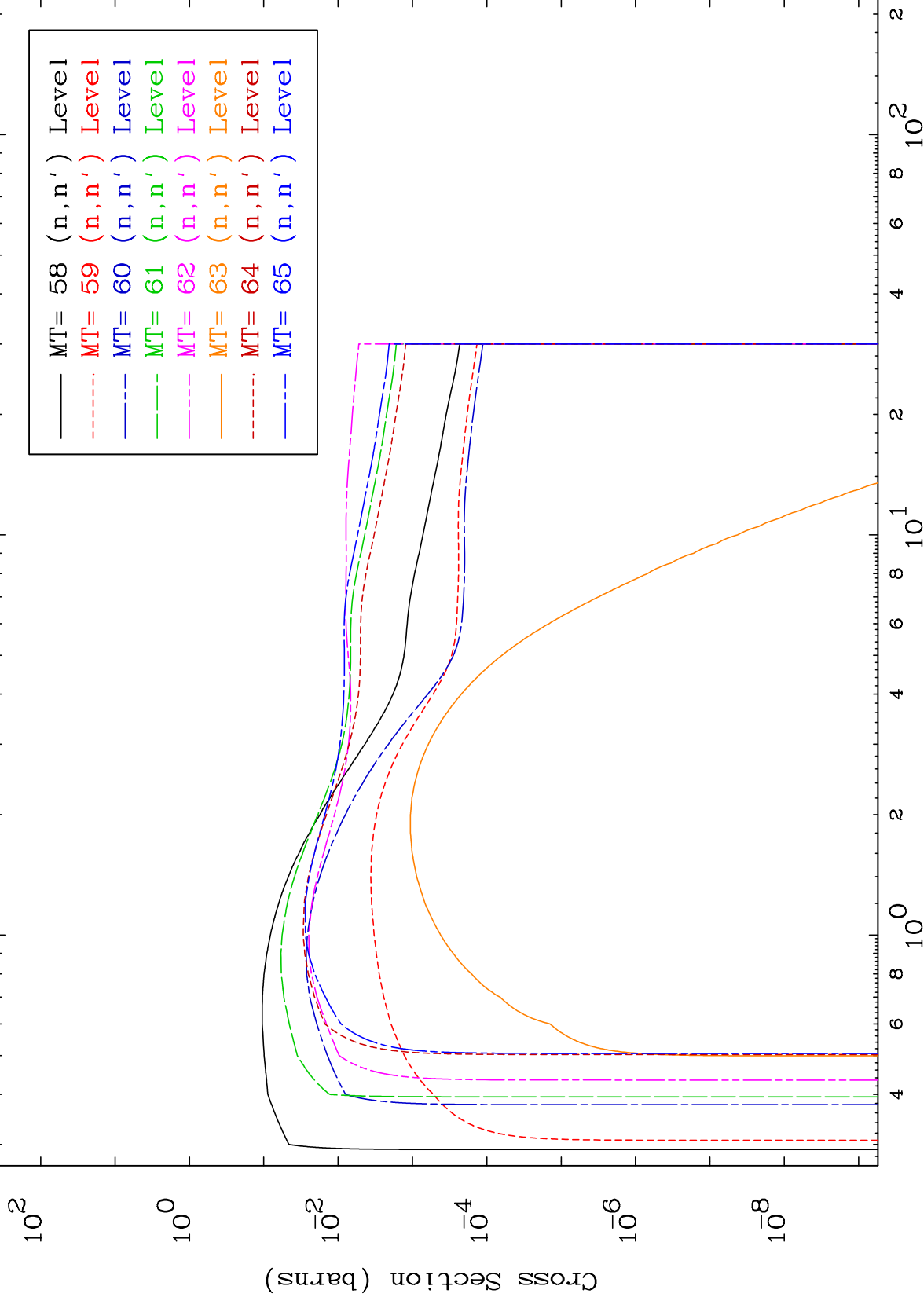
7

MAT 7286

(n,n') Level

293 Kelvin Cross Sections

73-Ta-167



8

Incident Energy (MeV)

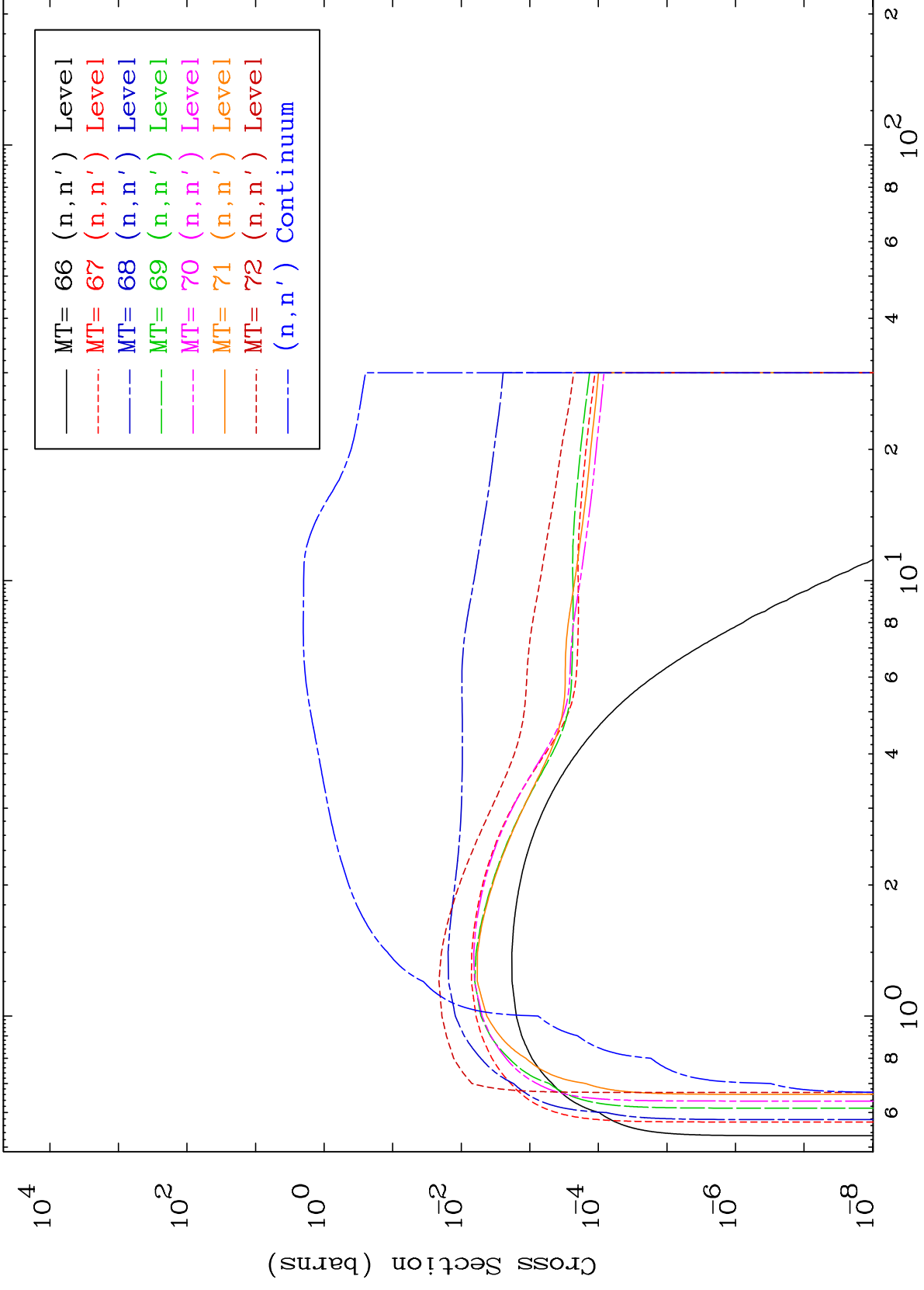
73-Ta-167

MAT 7286

(n,n') Level

73-Ta-167

293 Kelvin Cross Sections



9

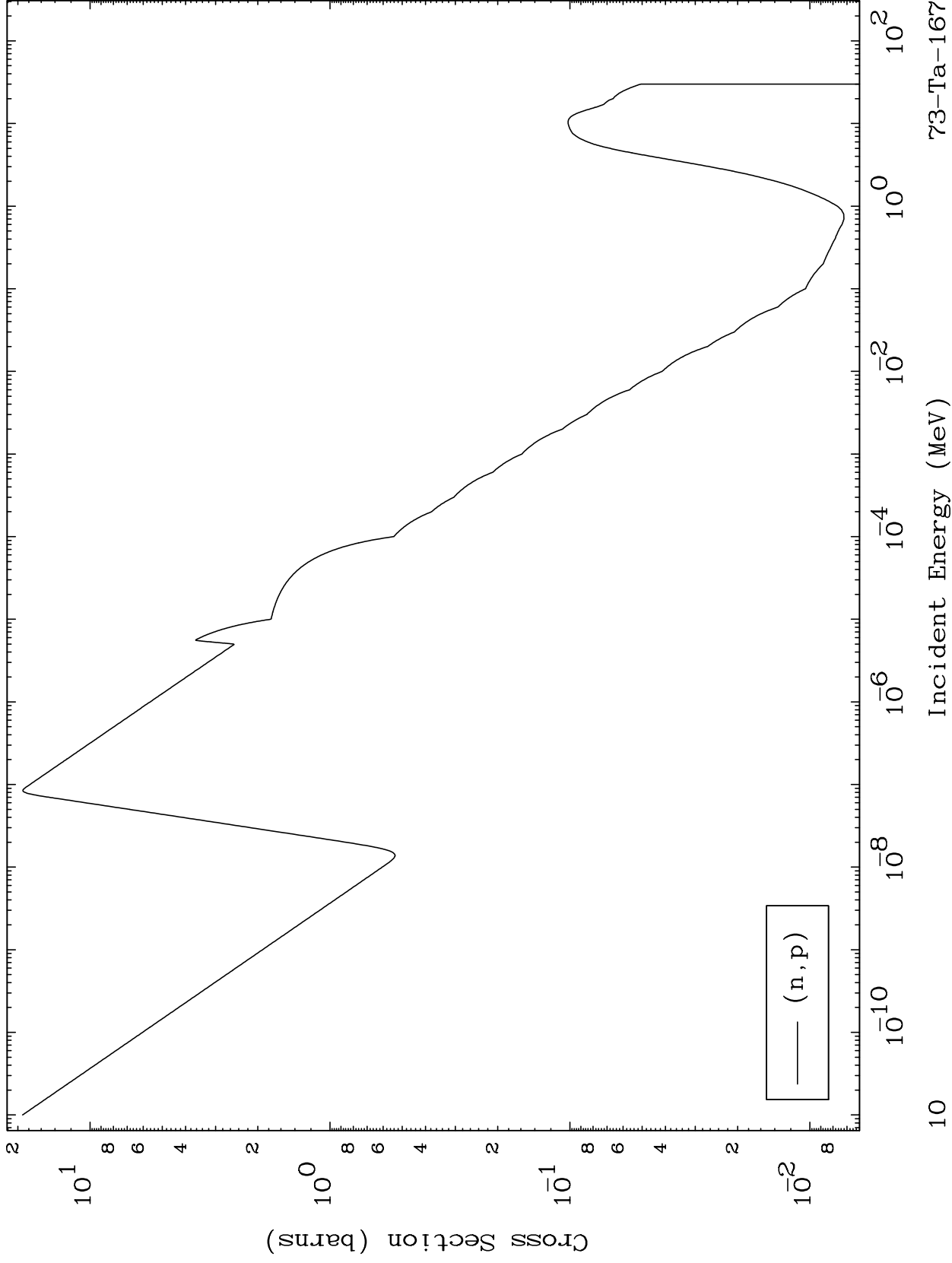
Incident Energy (MeV)

73-Ta-167

MAT 7286

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-167



10

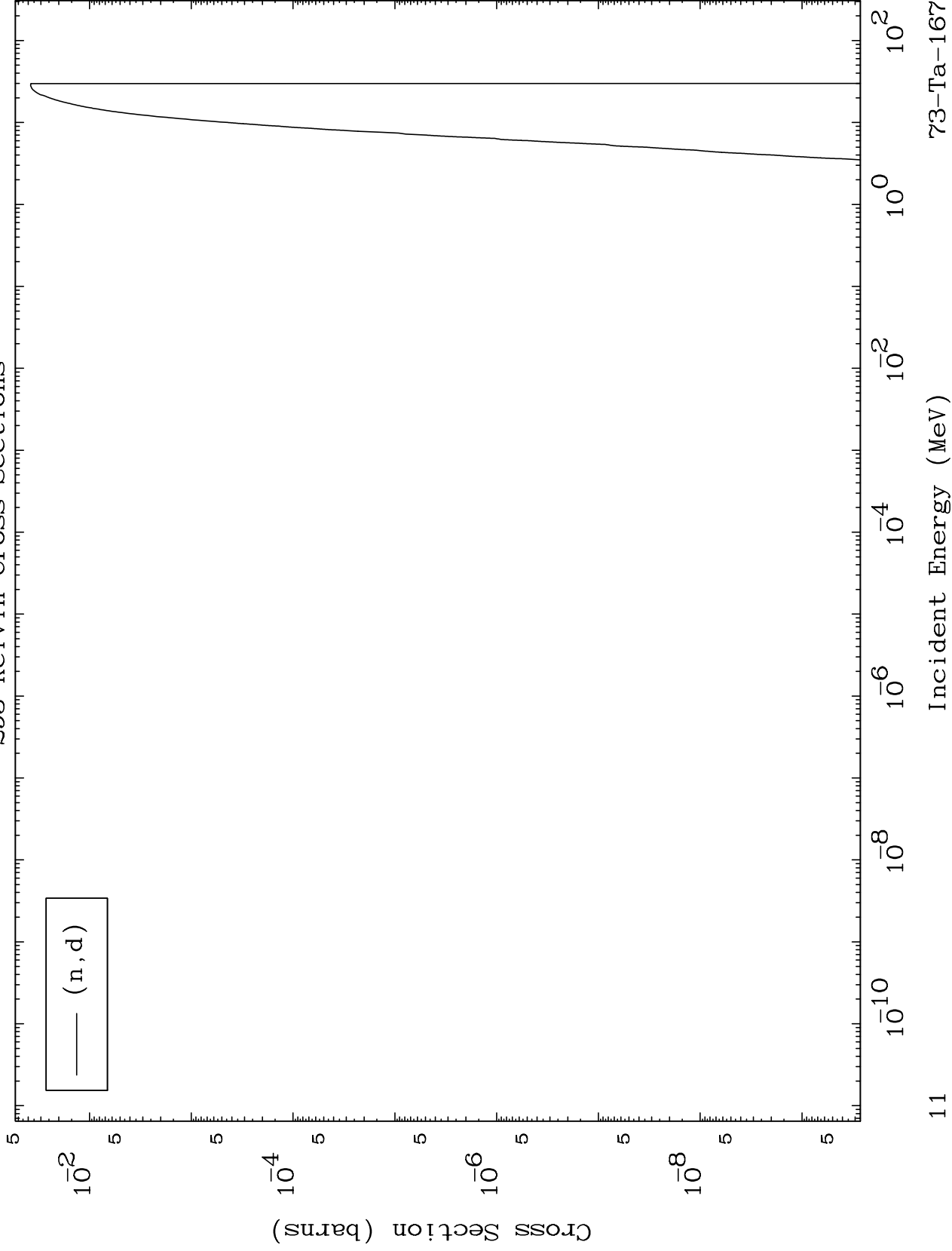
Incident Energy (MeV)

73-Ta-167

MAT 7286

(n,d) Levels
293 Kelvin Cross Sections

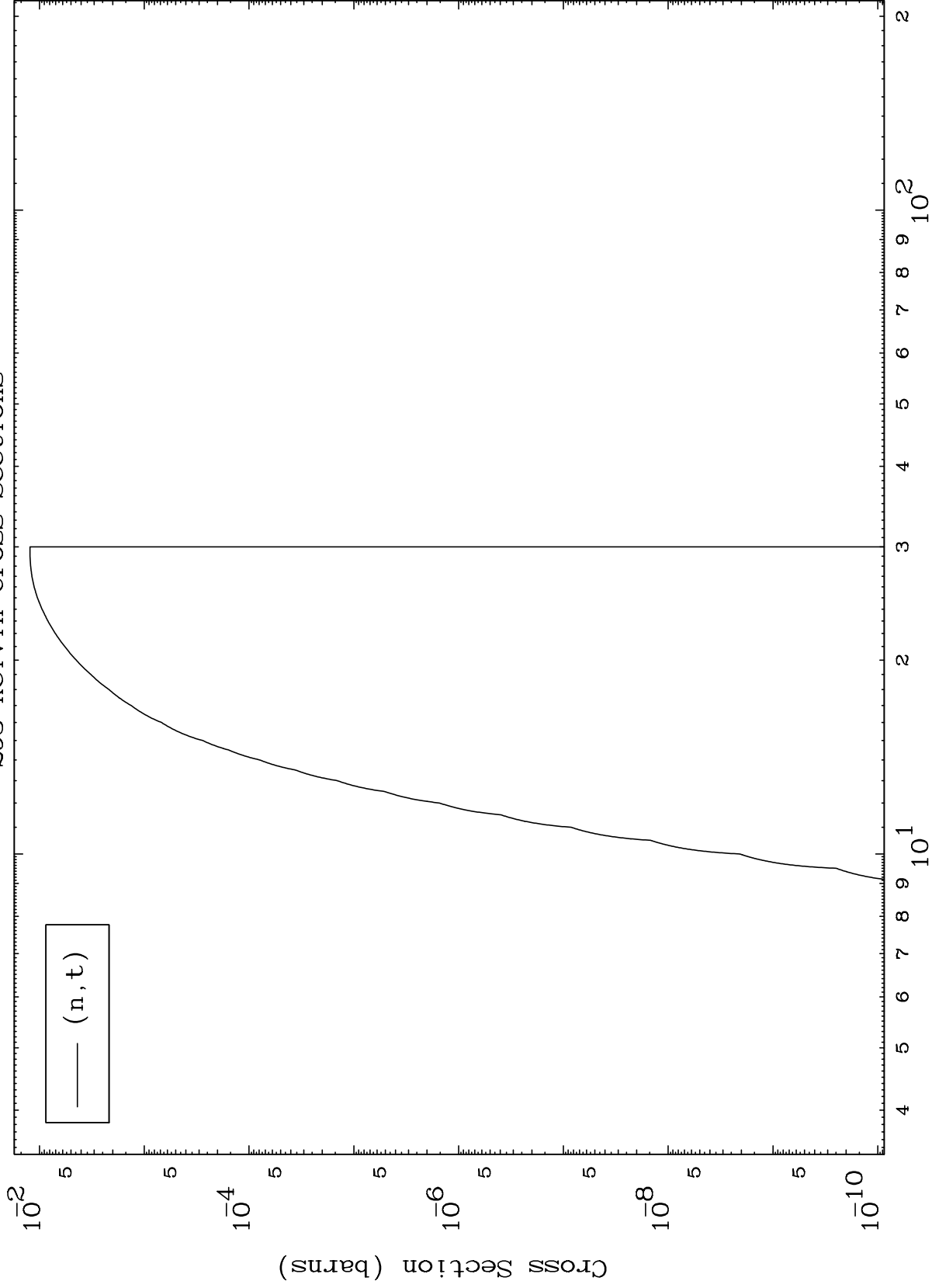
⁷³Ta-167



MAT 7286

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-167



12

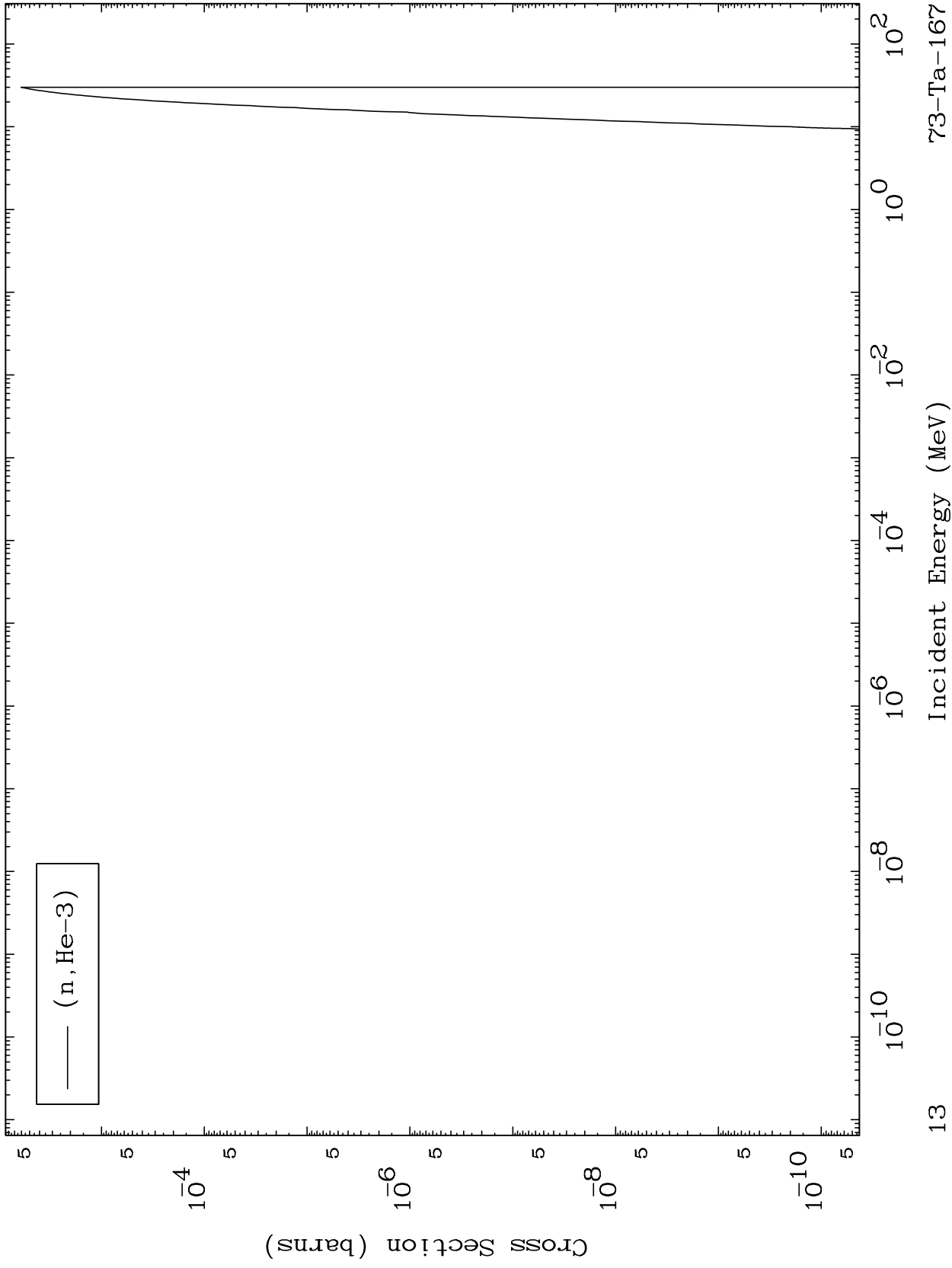
Incident Energy (MeV)

73-Ta-167

MAT 7286

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-167



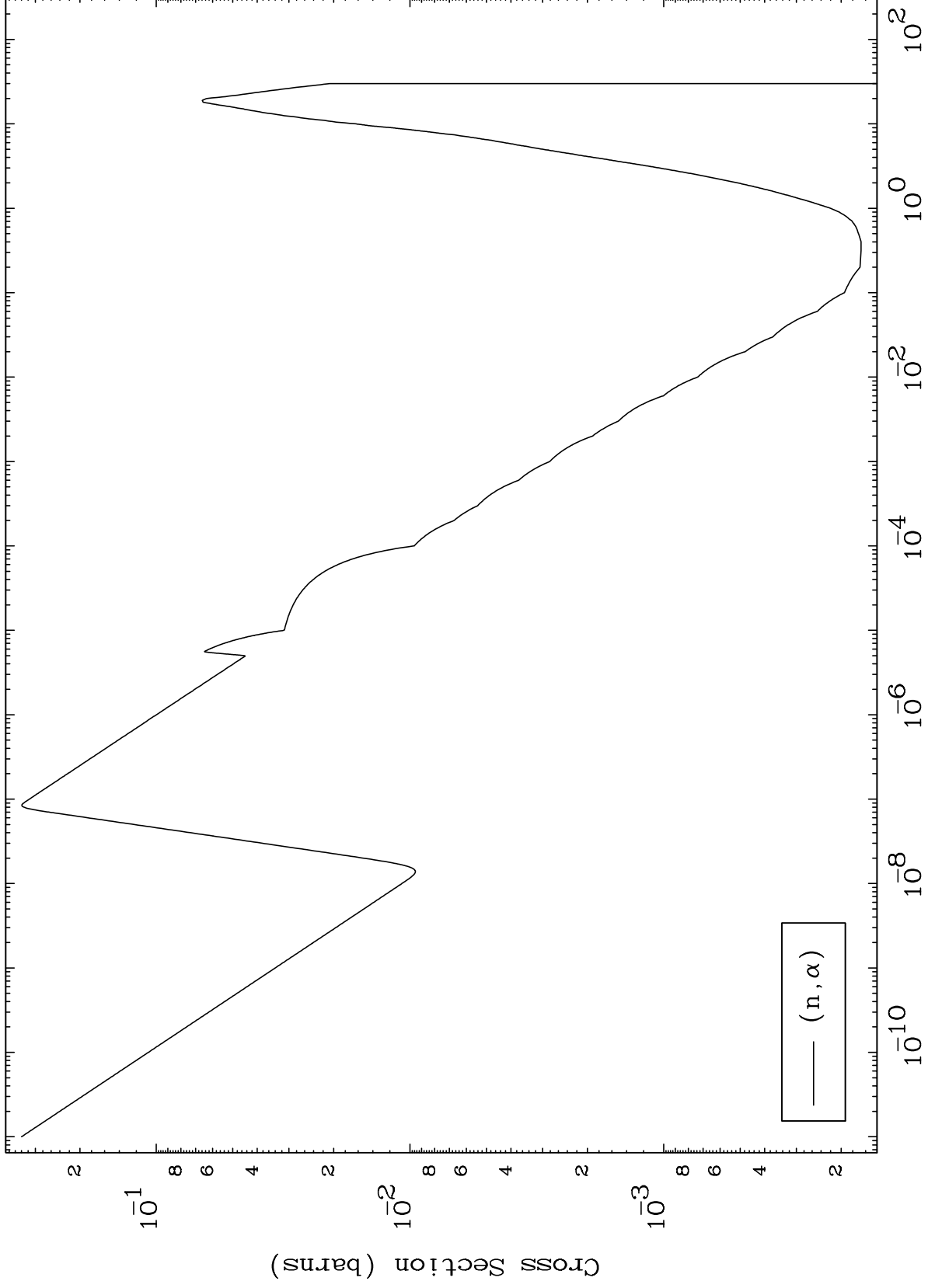
13

73-Ta-167

MAT 7286

(n, α) Levels
293 Kelvin Cross Sections

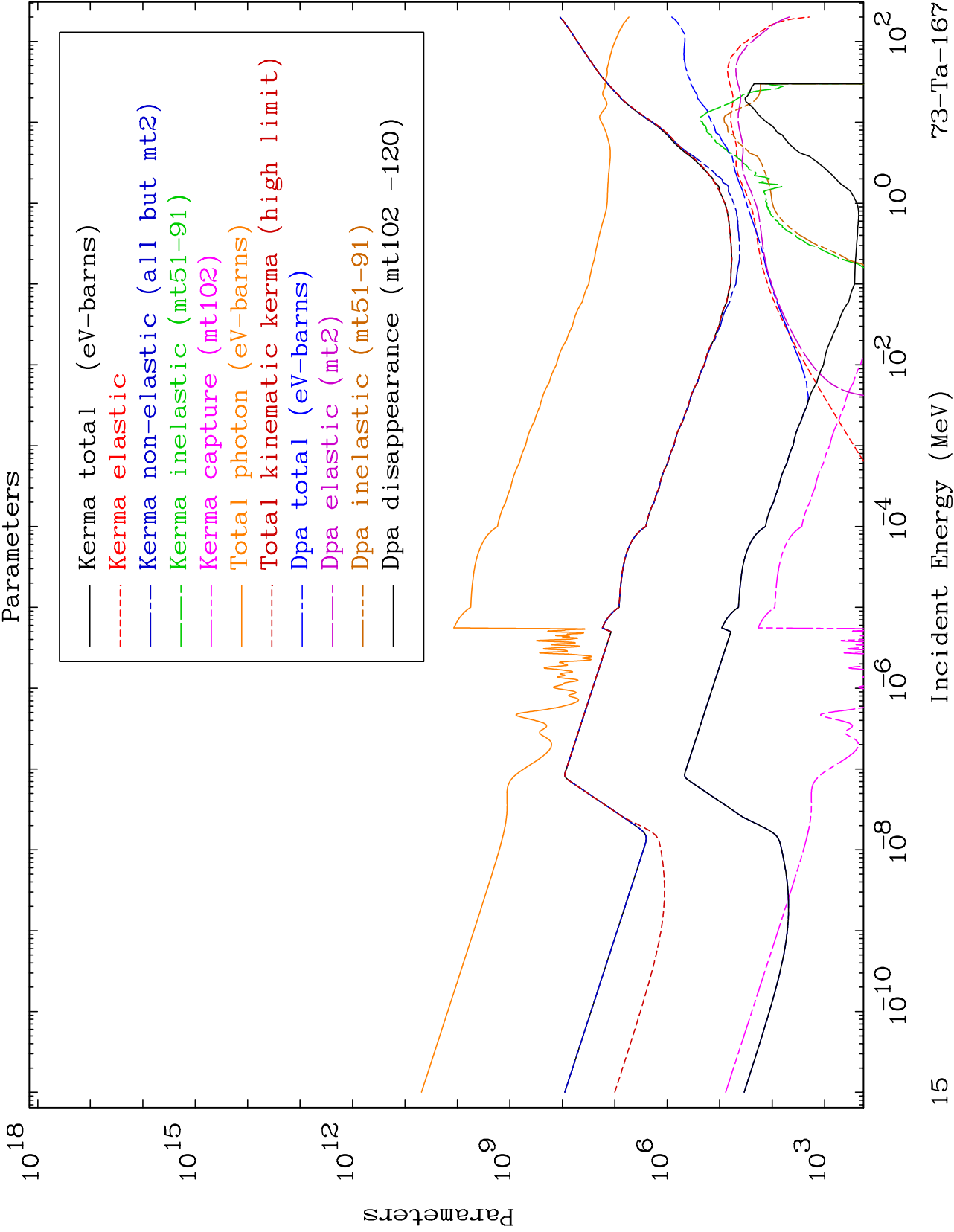
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14

Incident Energy (MeV)

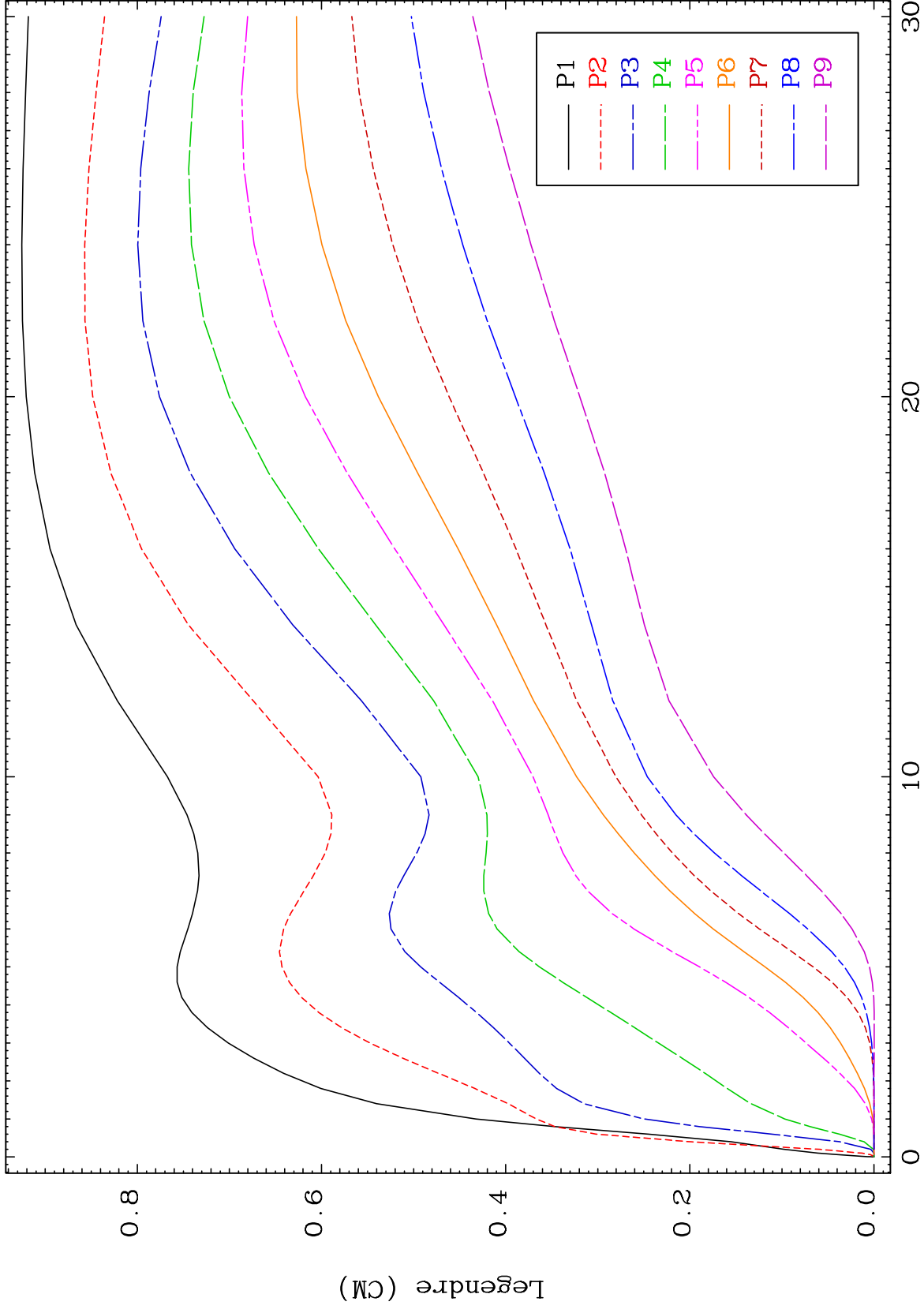
73-Ta-167



MAT 7286

Elastic Legendre Coefficients

⁷³Ta-167



16

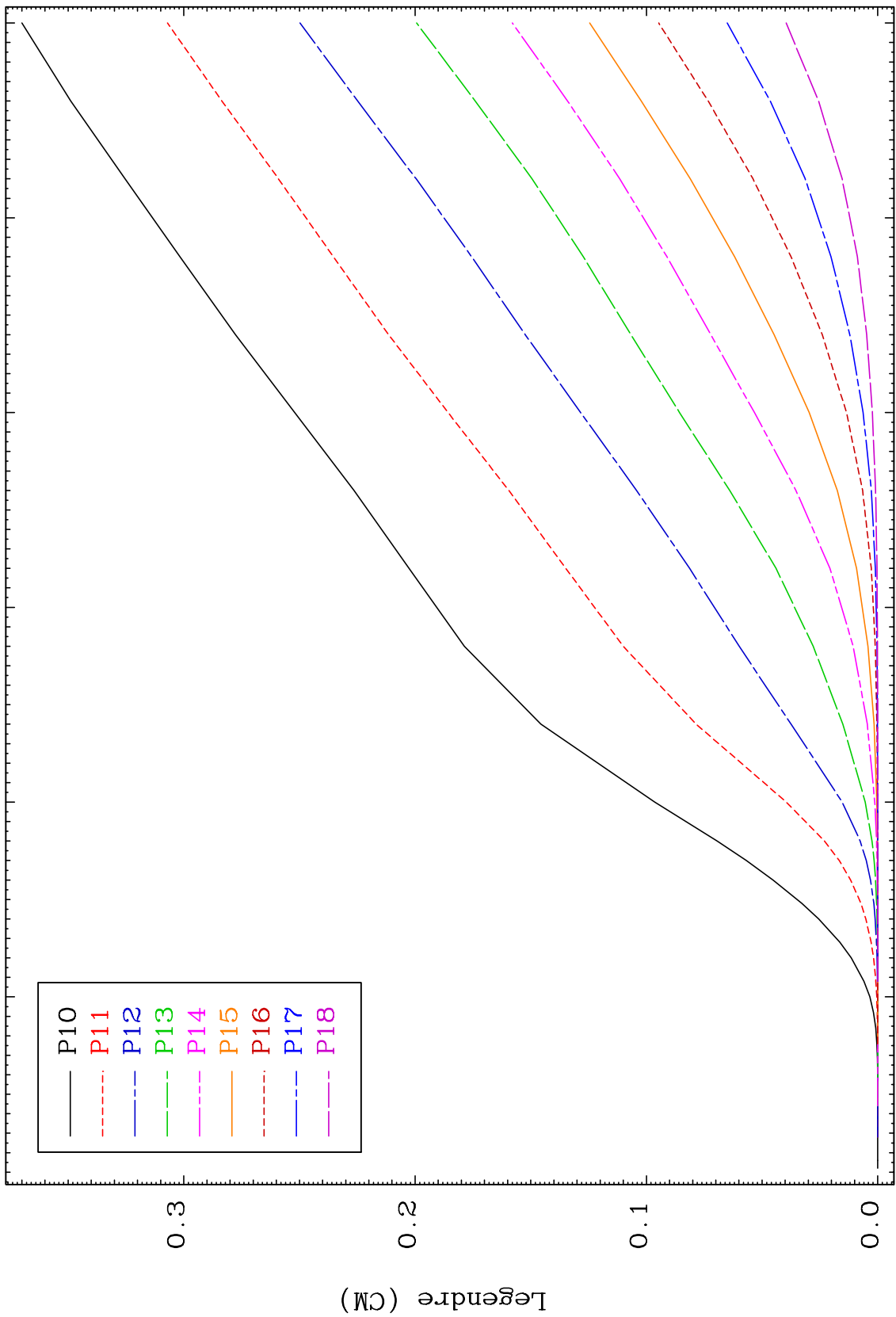
Incident Energy (MeV)

⁷³Ta-167

MAT 7286

Elastic Legendre Coefficients

⁷³Ta-167



17

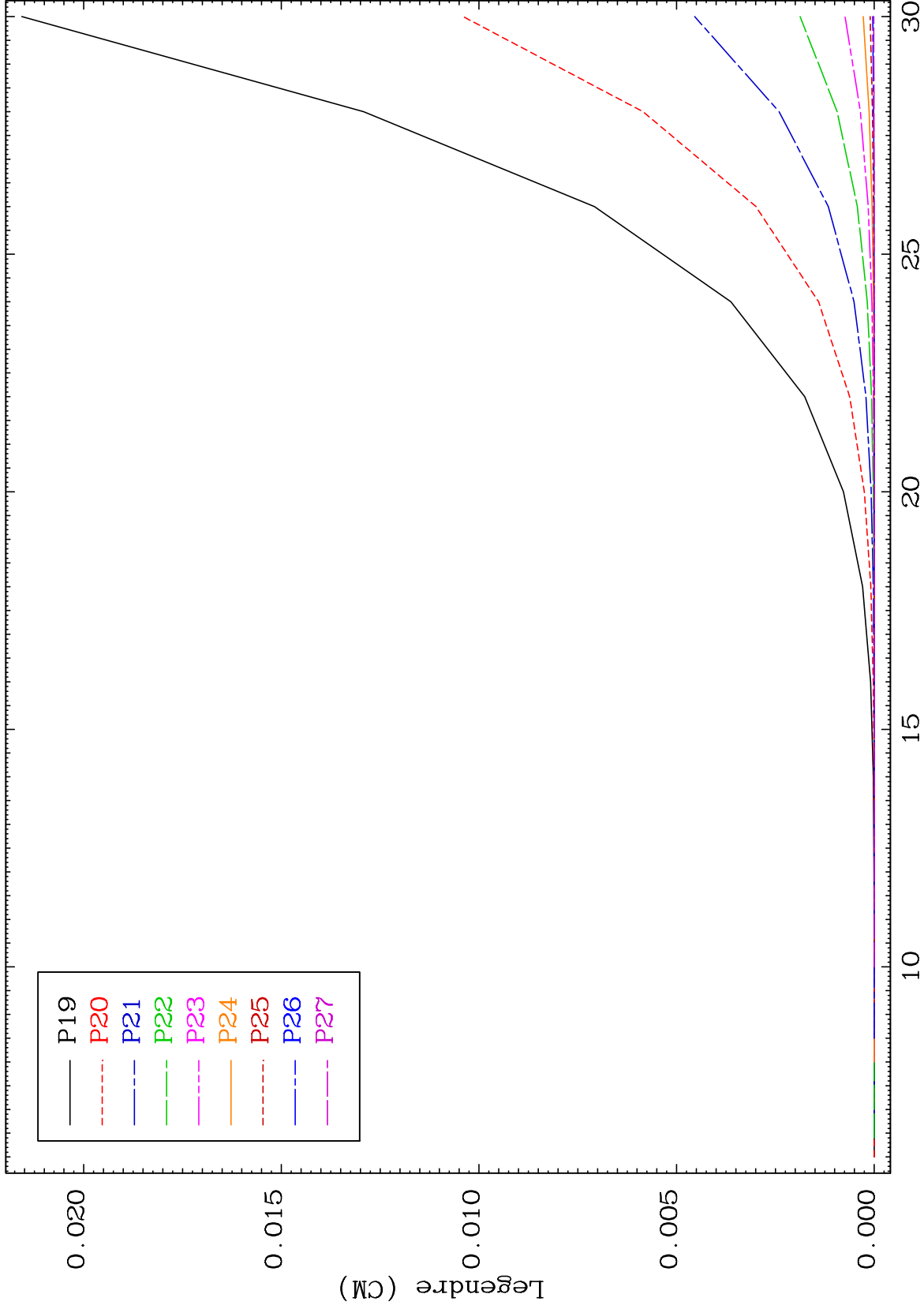
Incident Energy (MeV)

⁷³Ta-167

MAT 7286

Elastic Legendre Coefficients

73-Ta-167



18

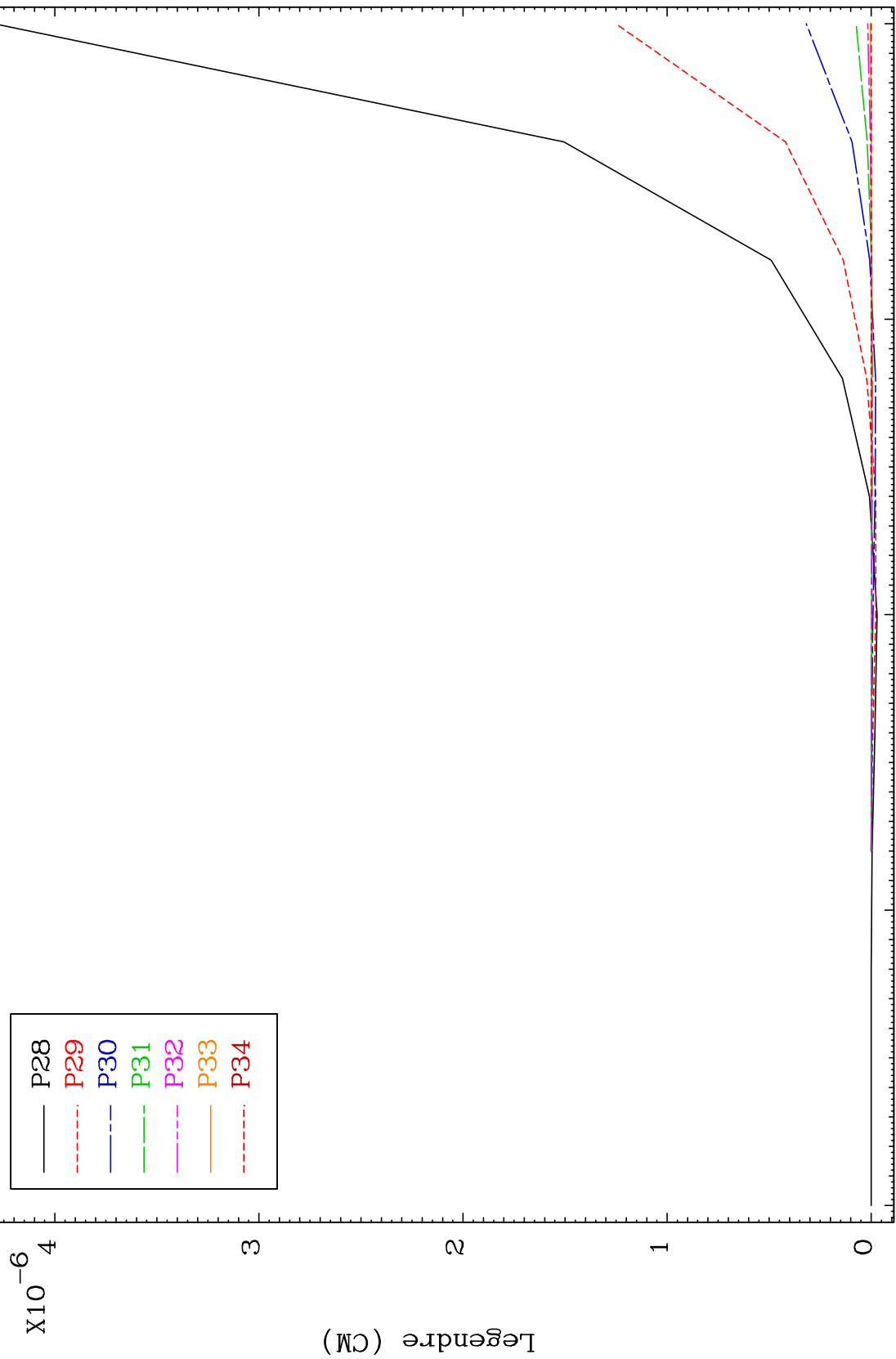
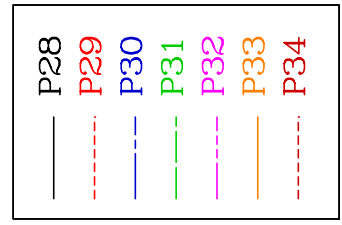
Incident Energy (MeV)

73-Ta-167

MAT 7286

Elastic Legendre Coefficients

73-Ta-167



19

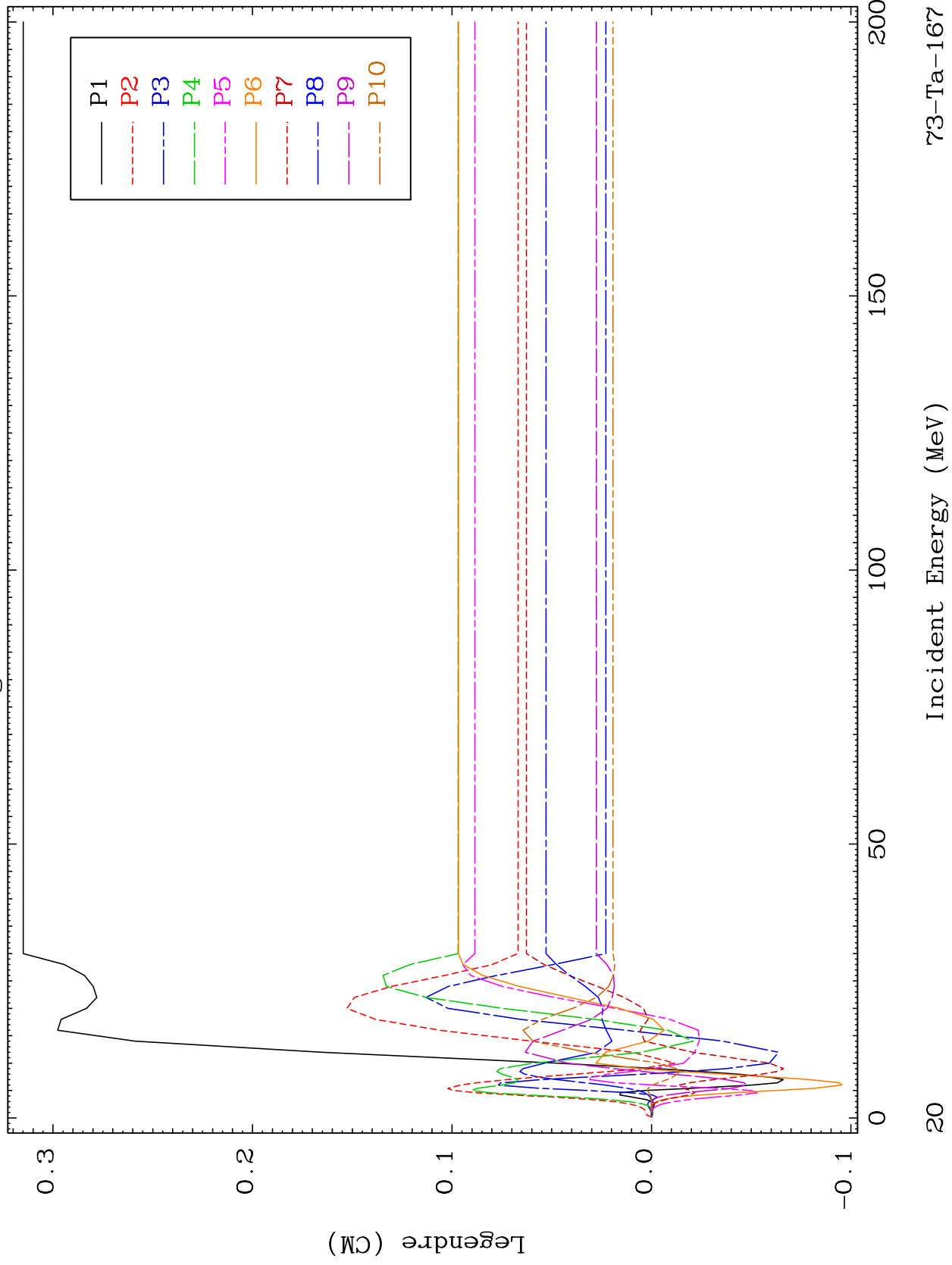
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167

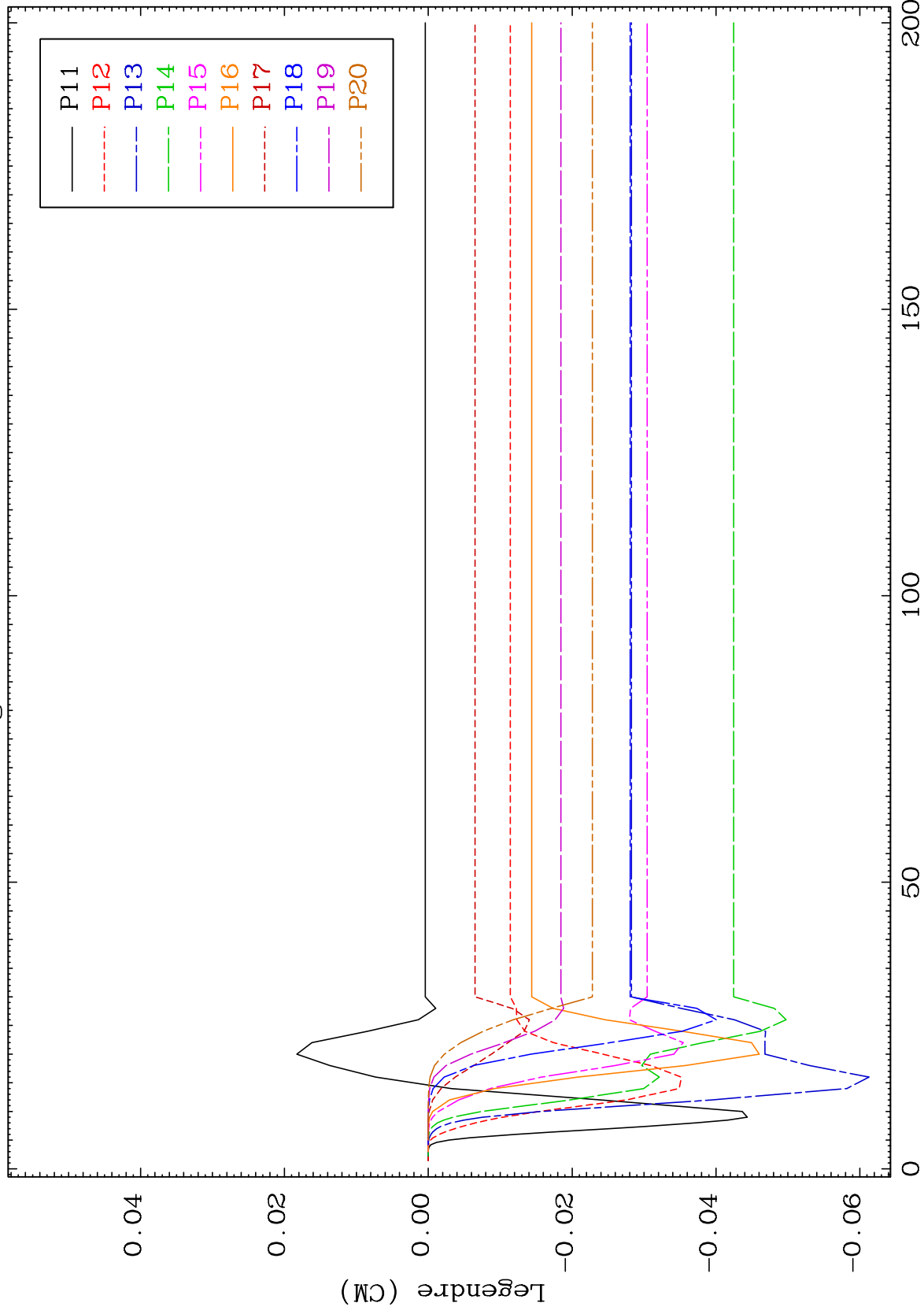


73-Ta-167

MAT 7286

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

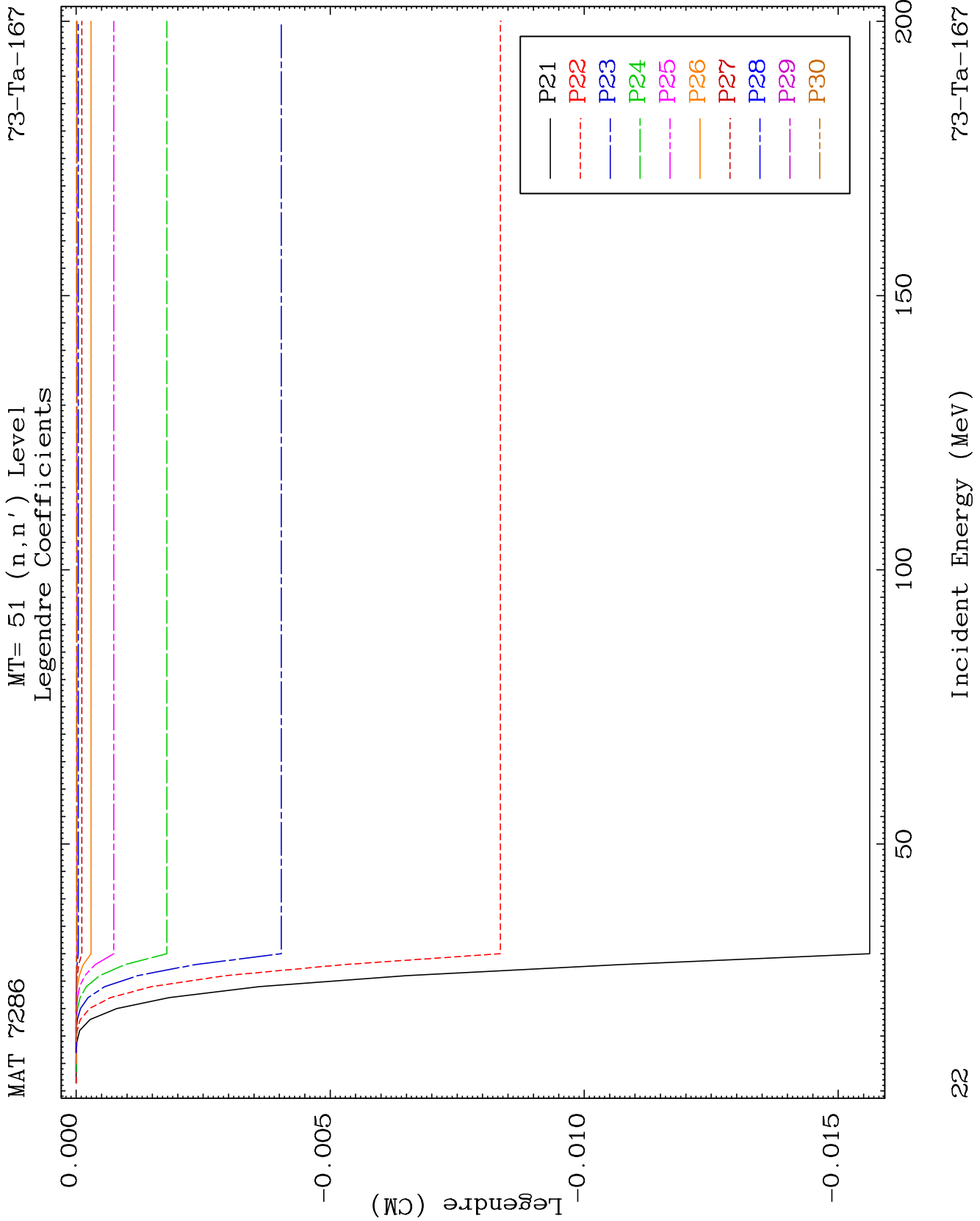
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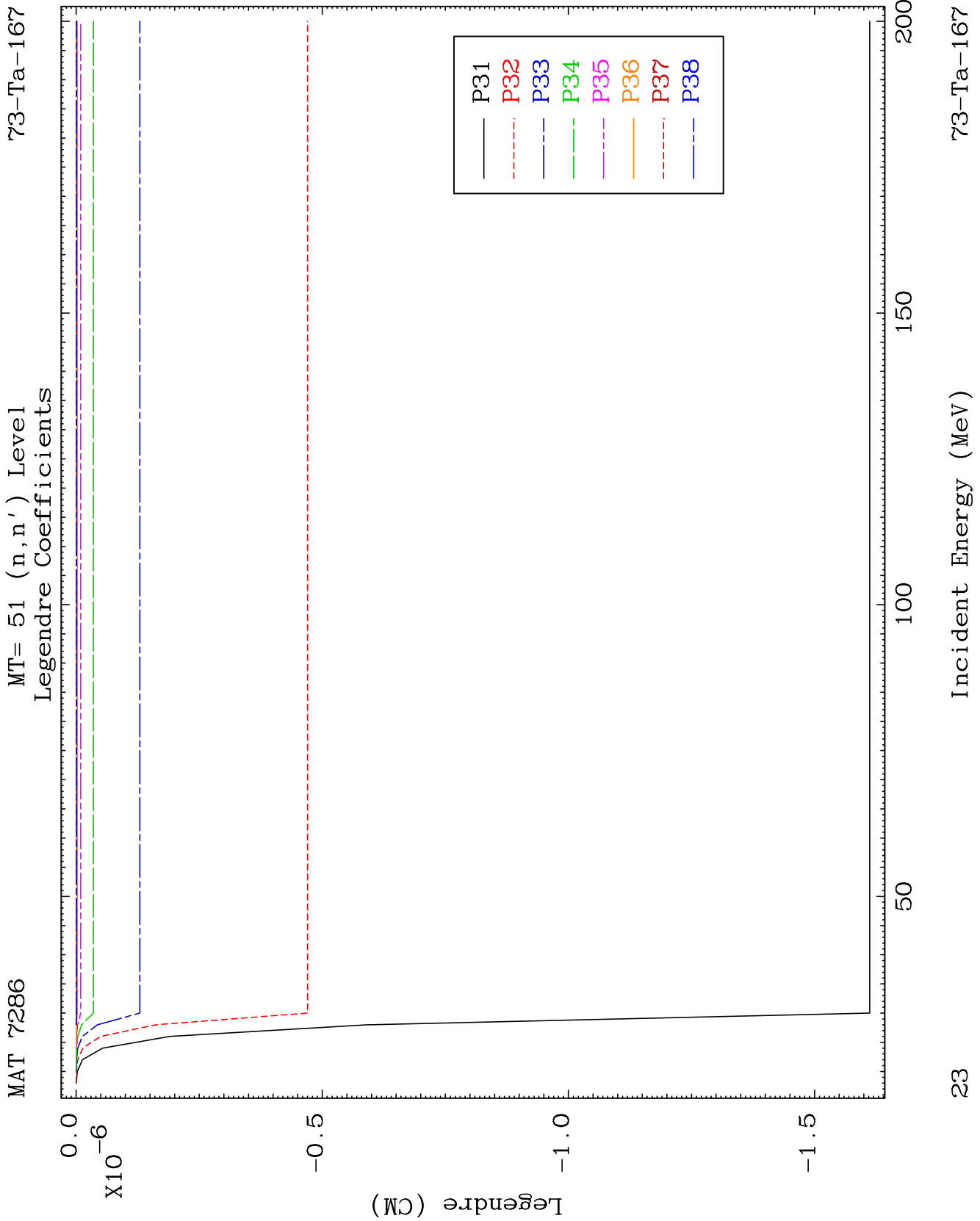


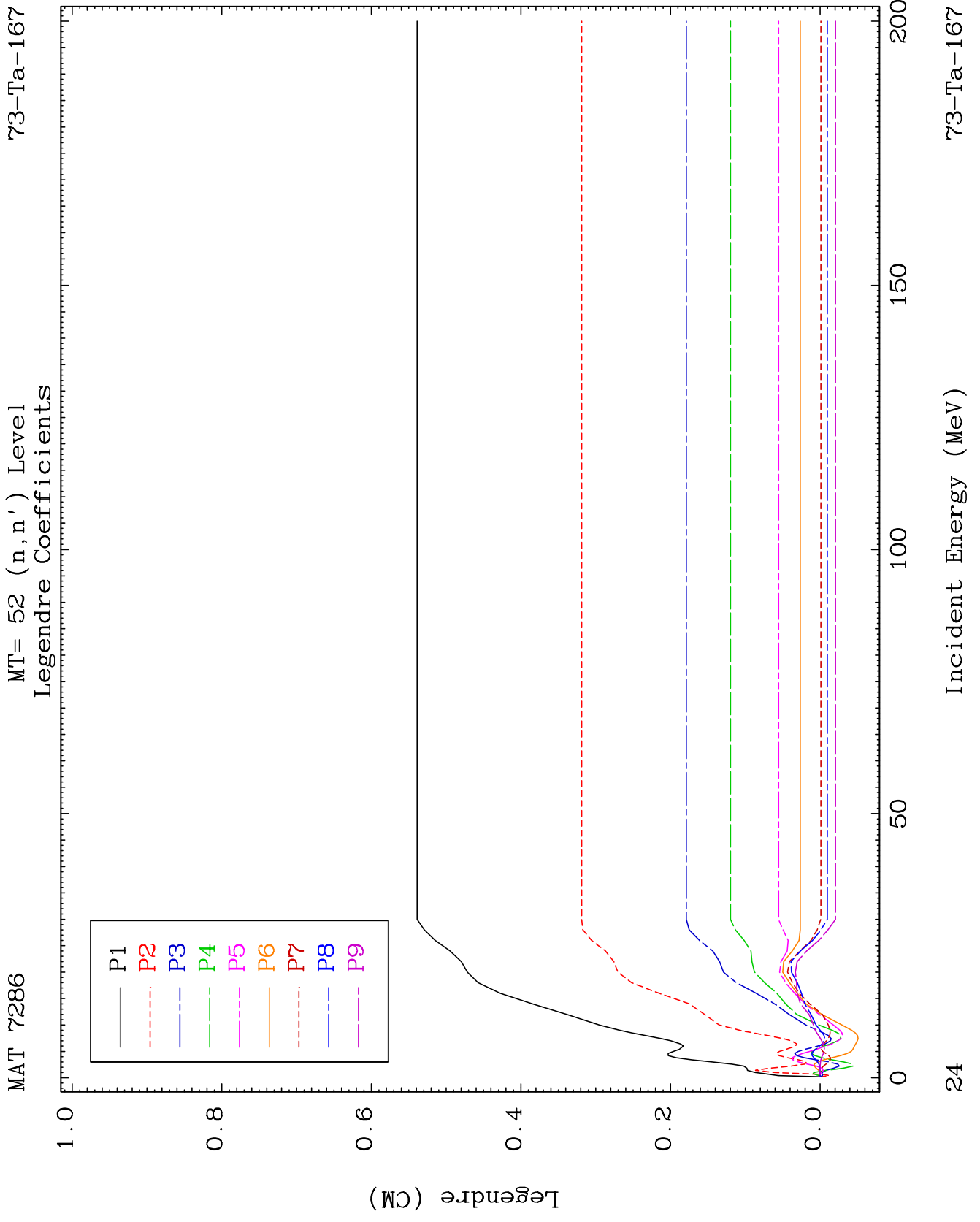
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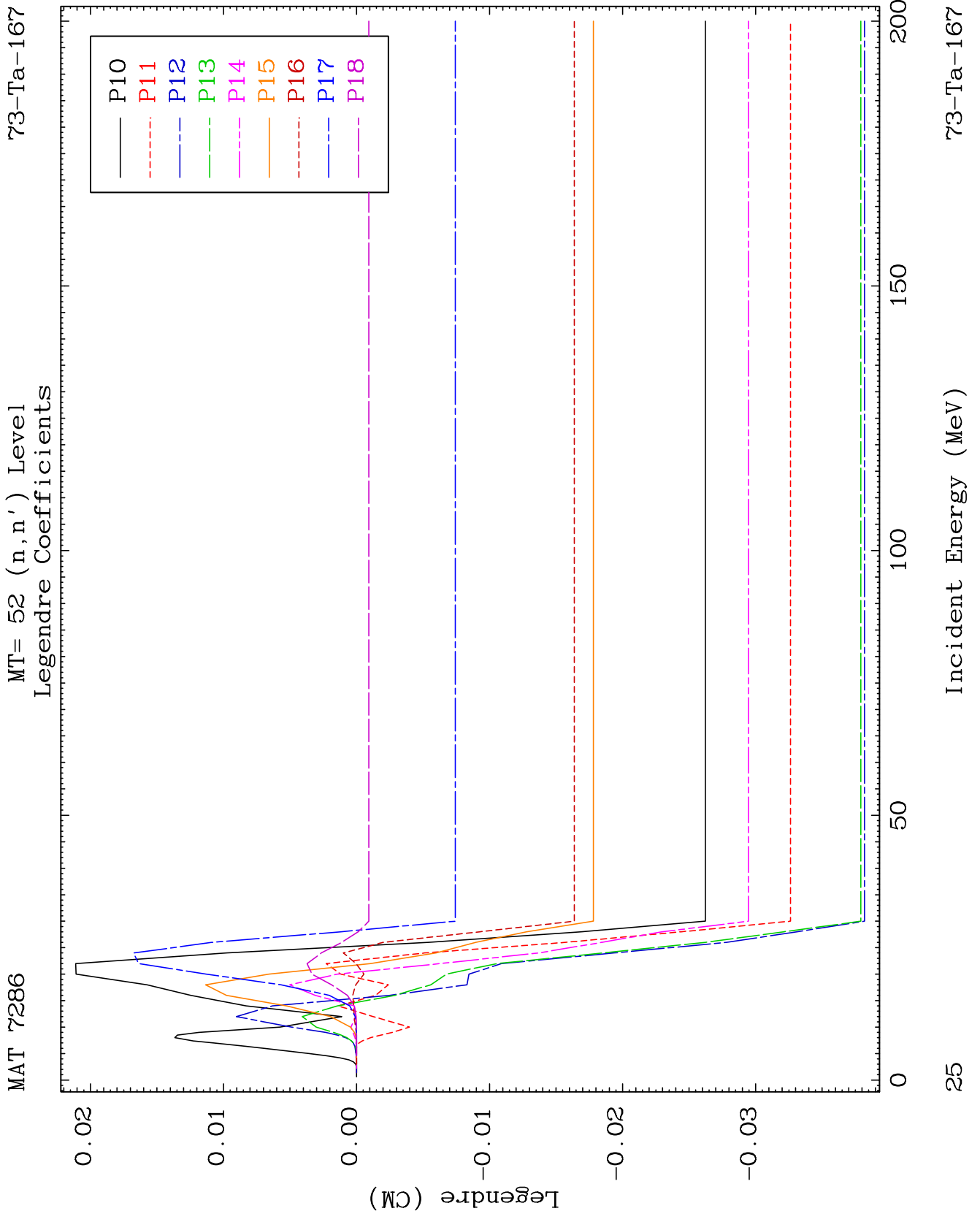
Incident Energy (MeV)

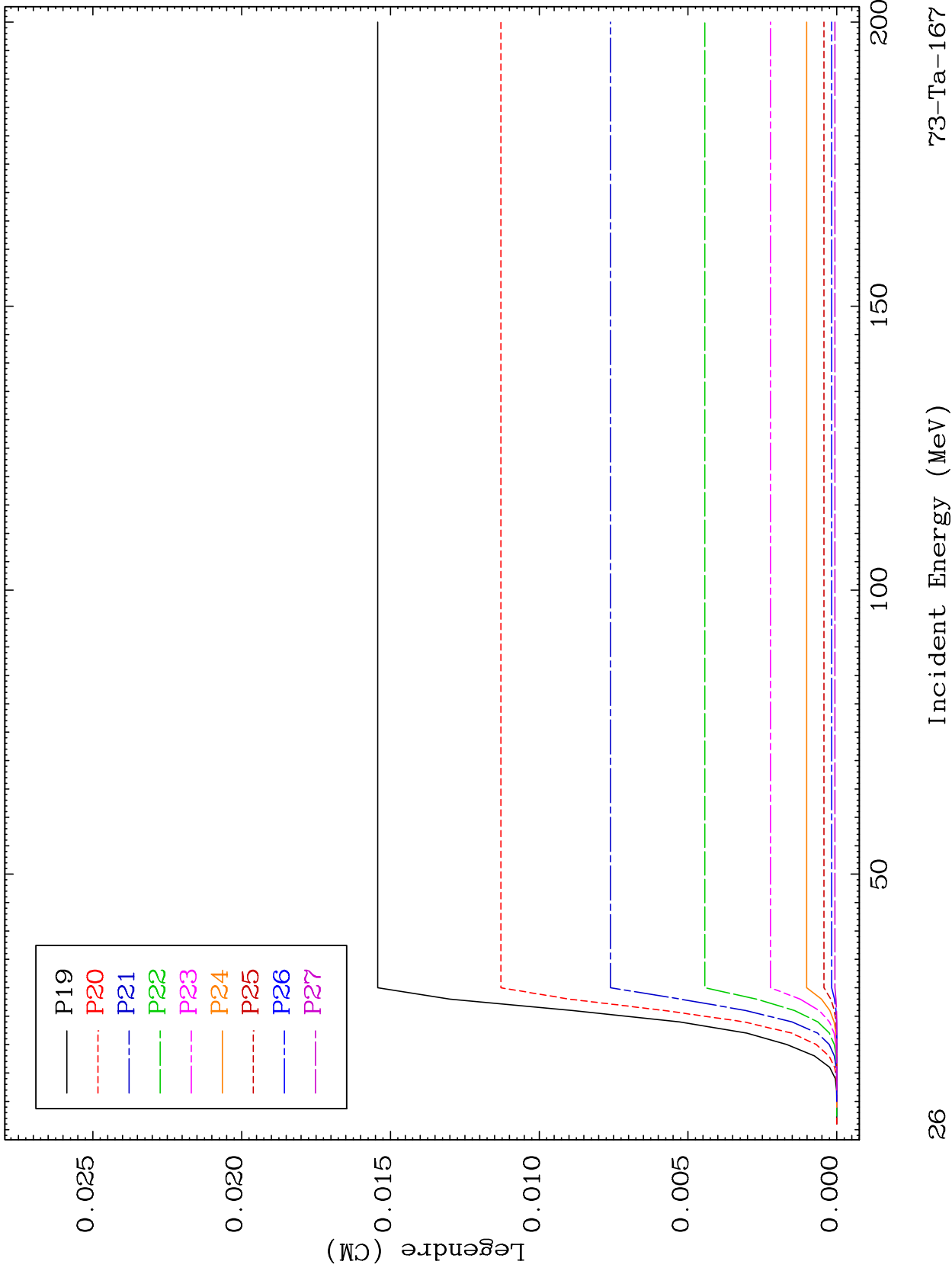
73-Ta-167

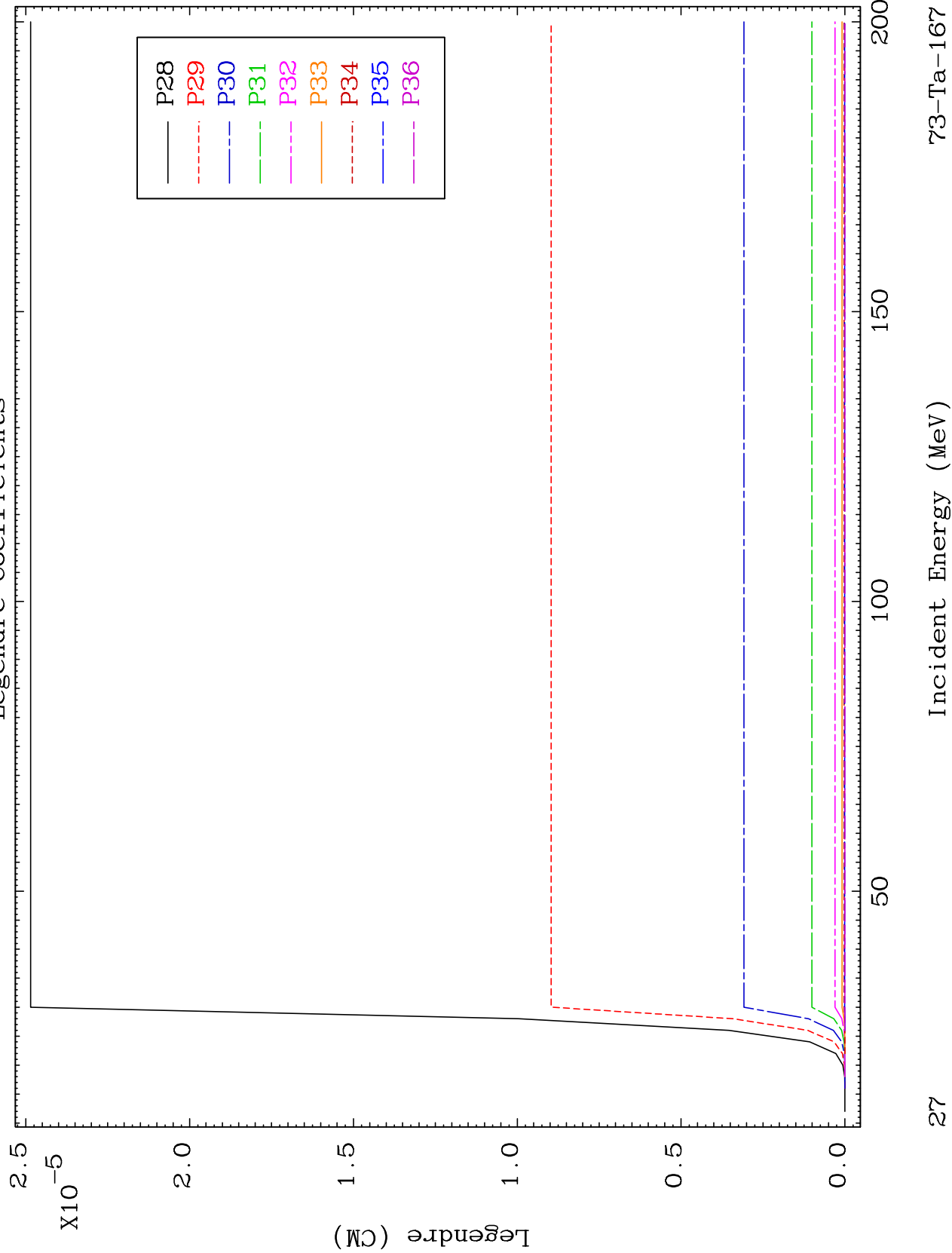


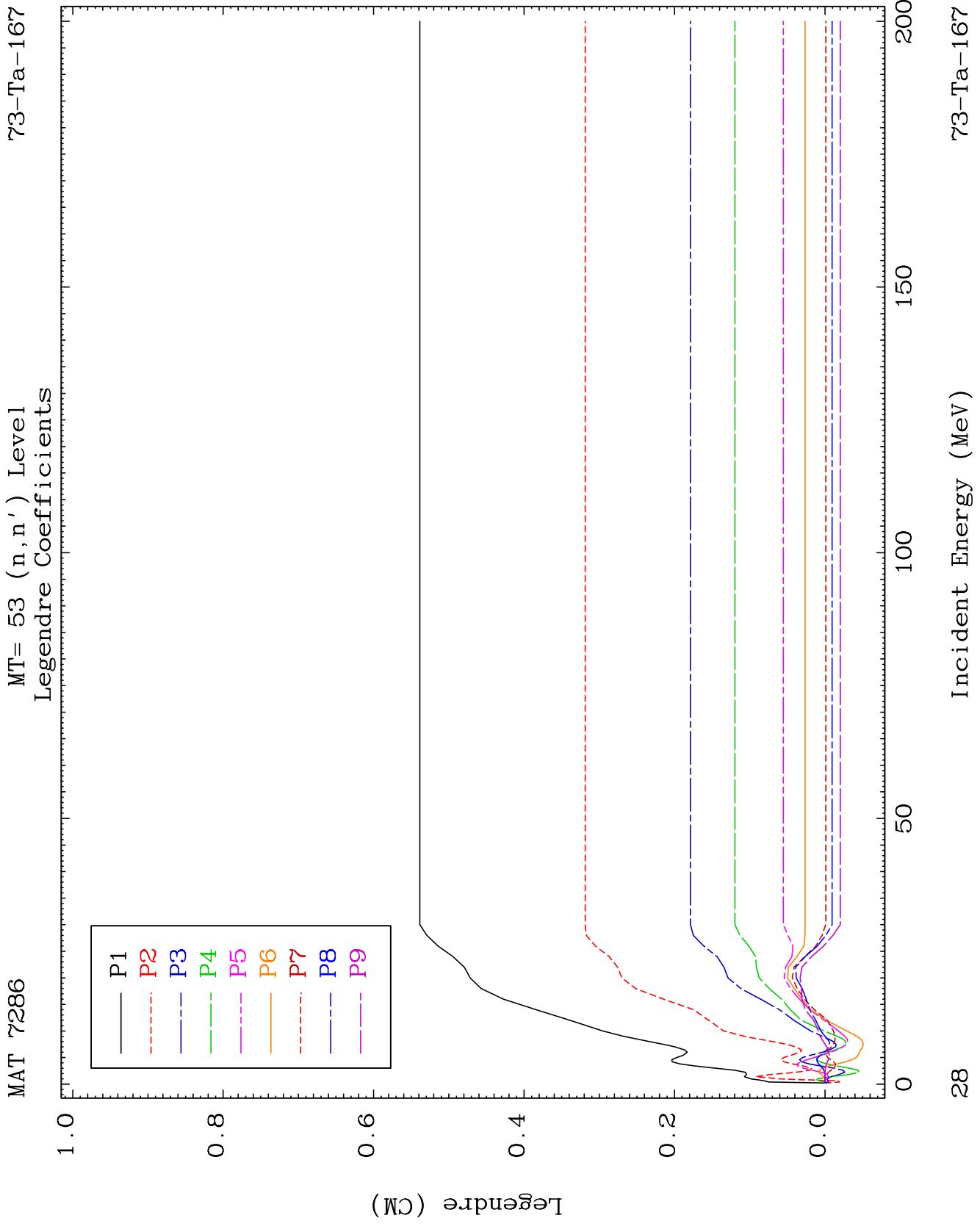








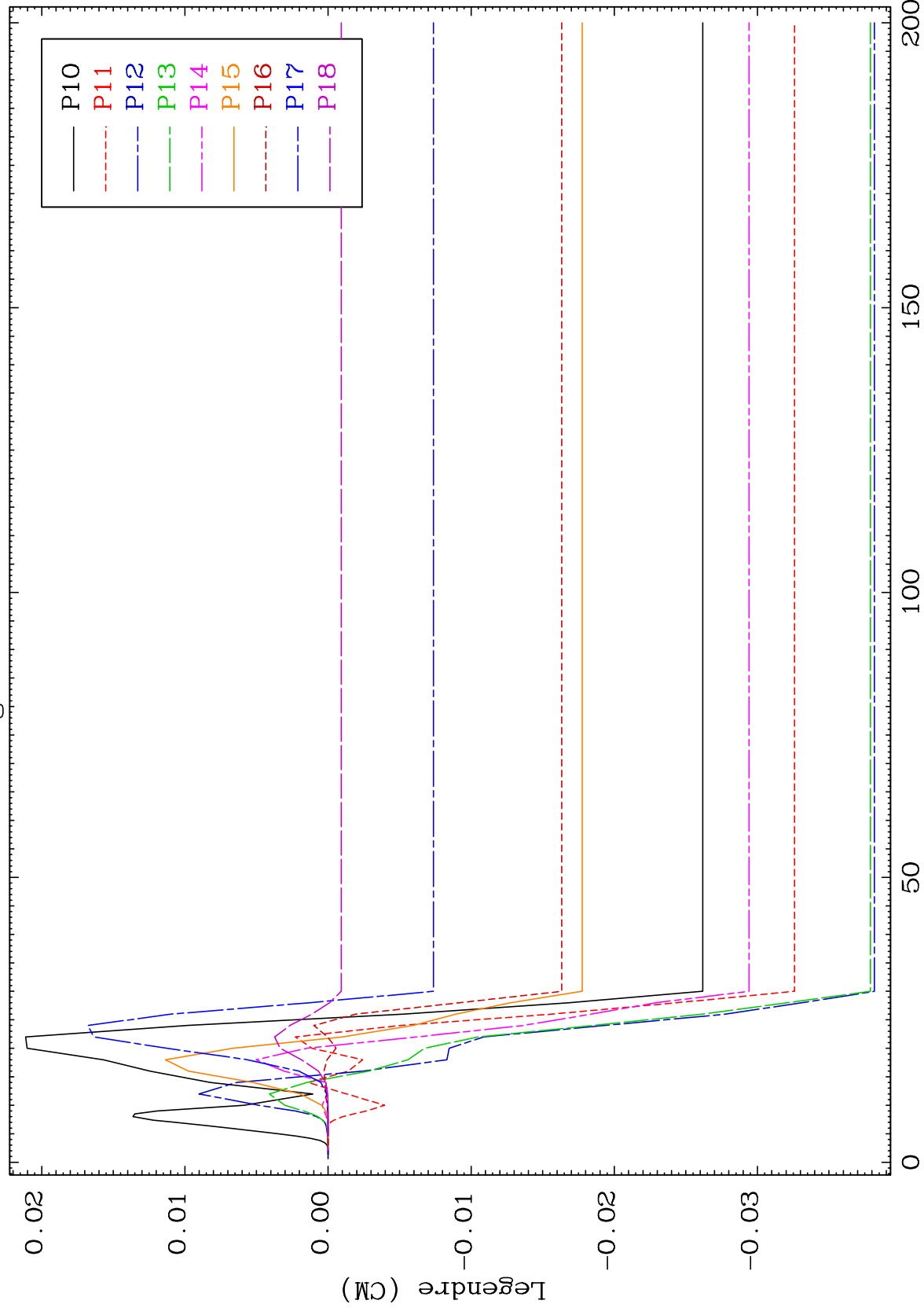




MAT 7286

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

73-Ta-167



29

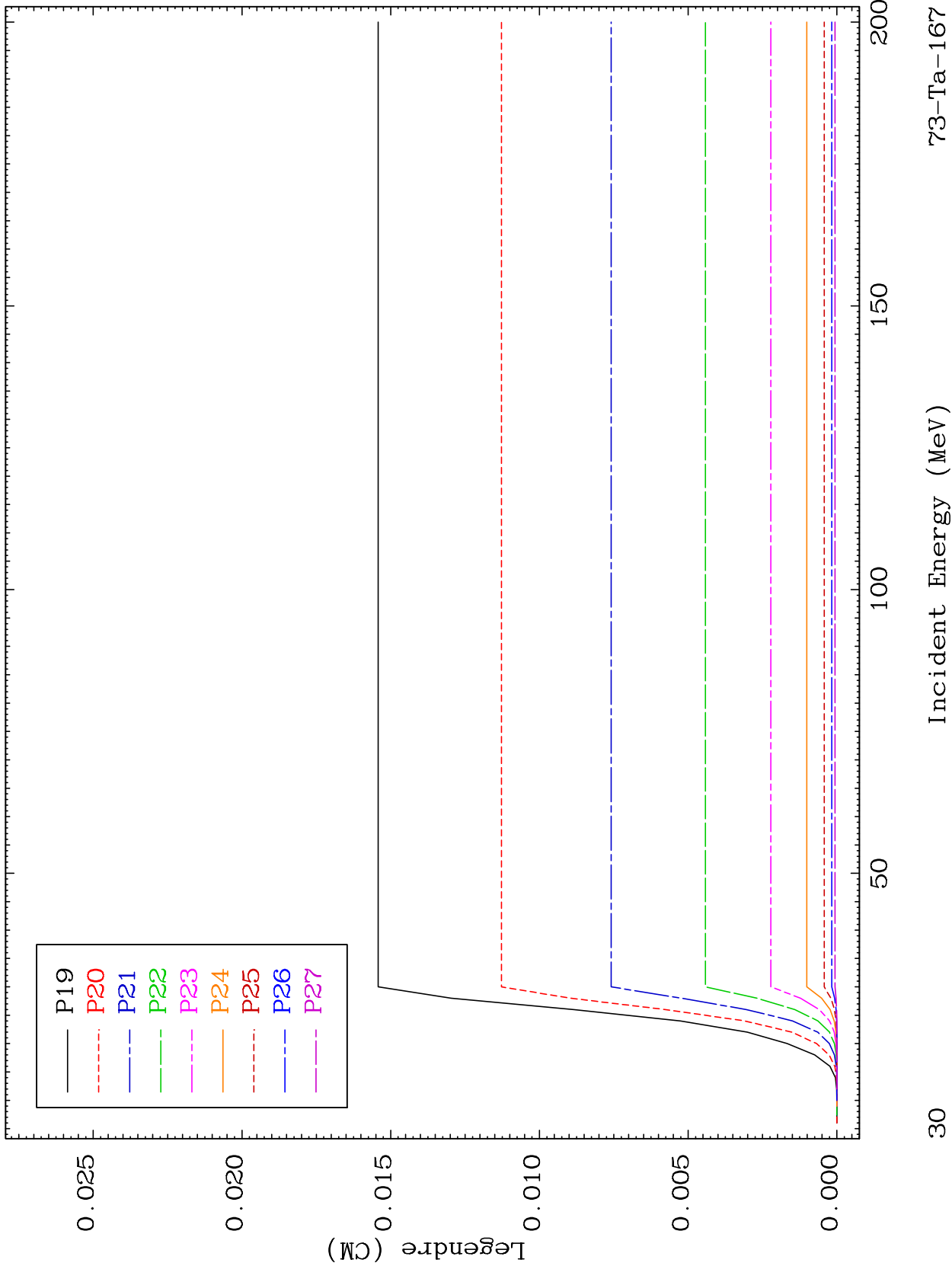
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

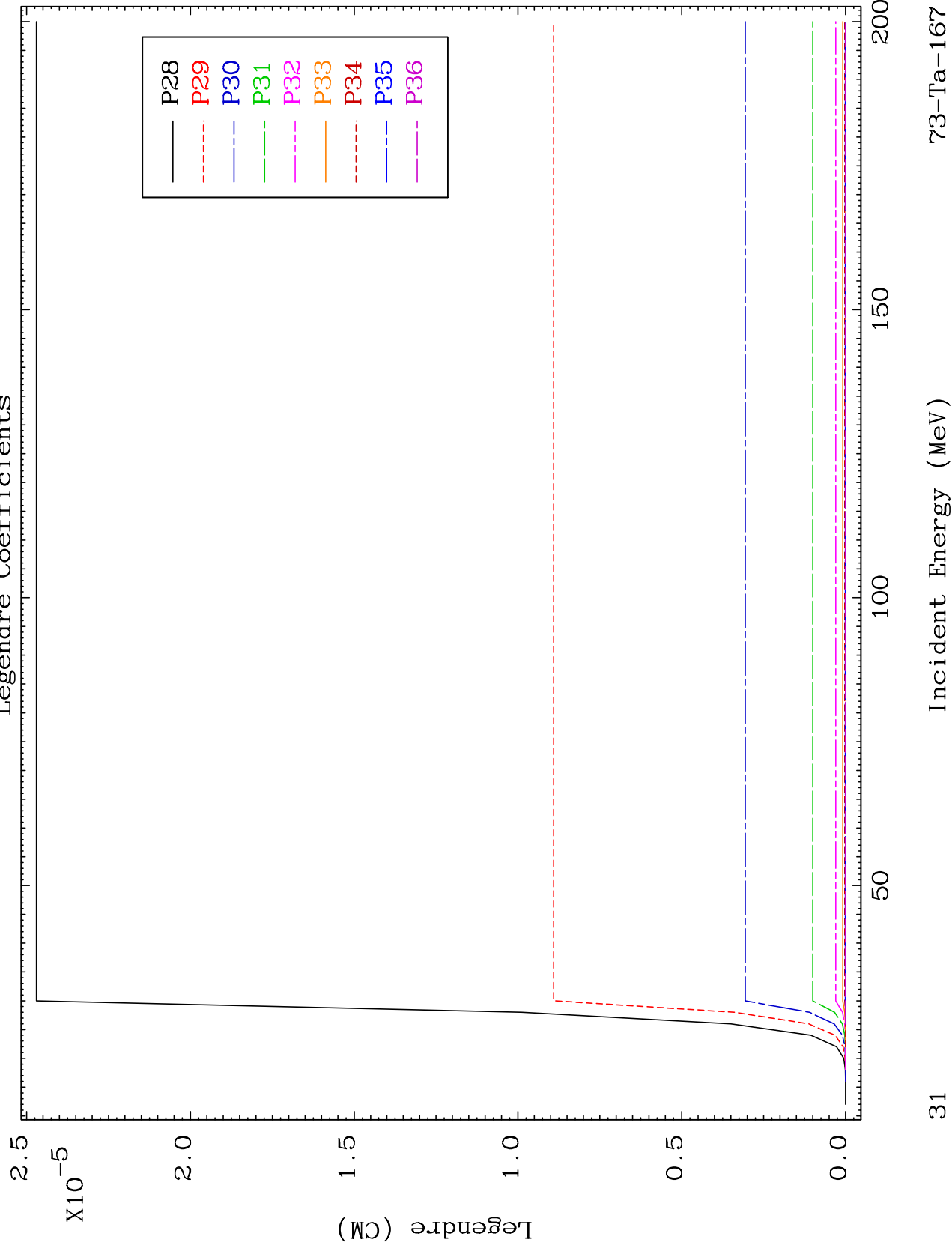
73-Ta-167



73-Ta-167

Incident Energy (MeV)

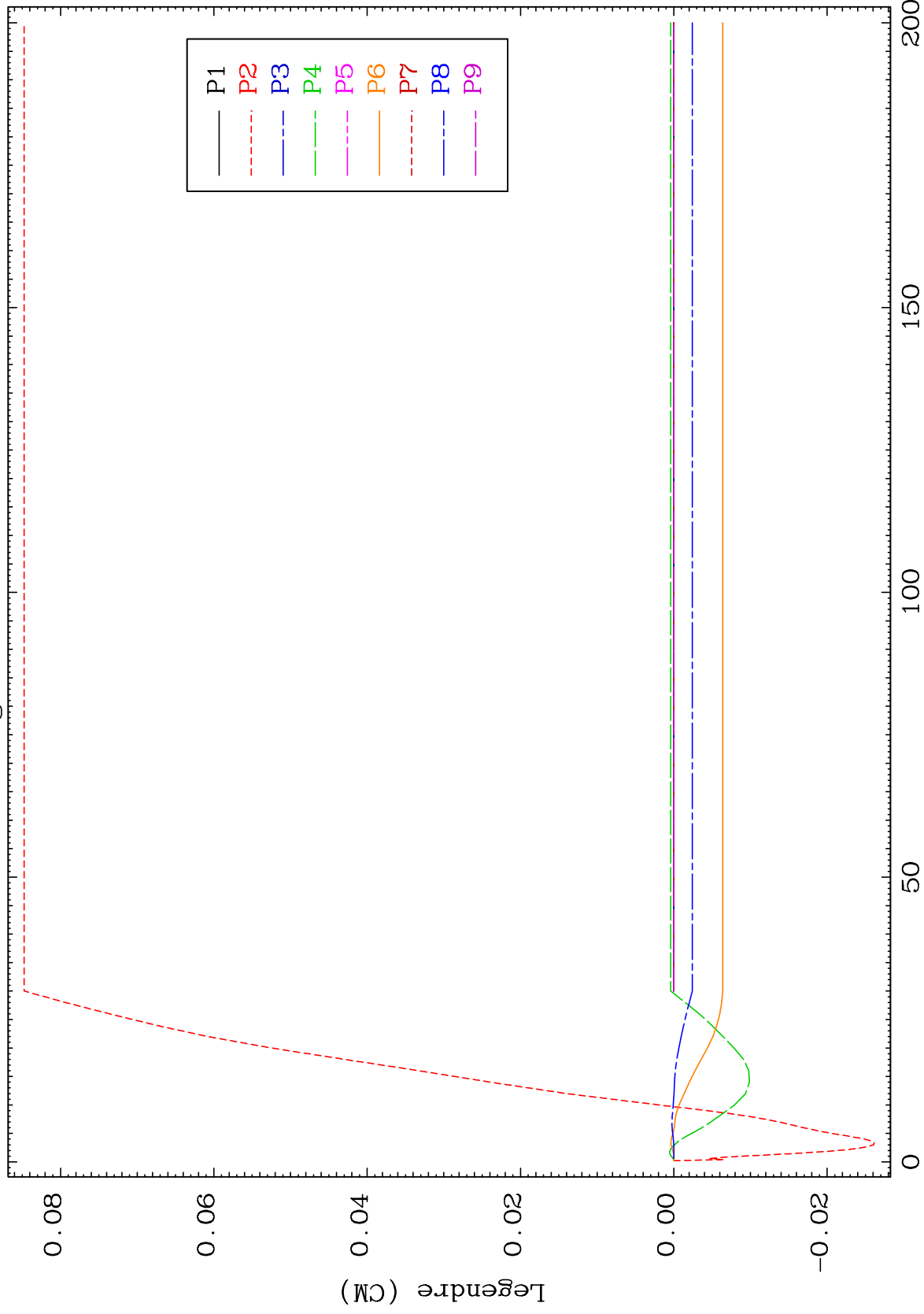
30



MAT 7286

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

73-Ta-167



73-Ta-167

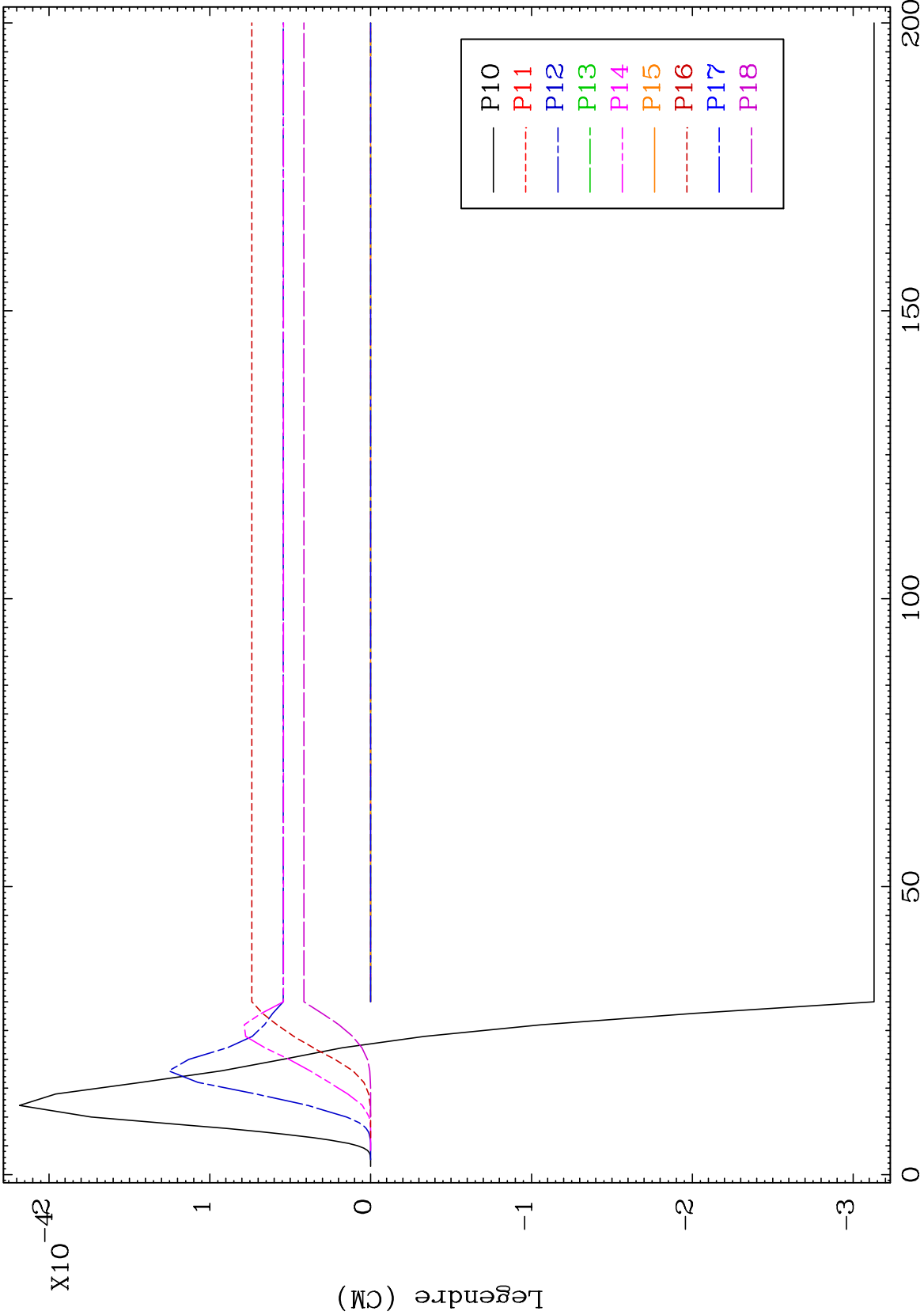
Incident Energy (MeV)

32

MAT 7286

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

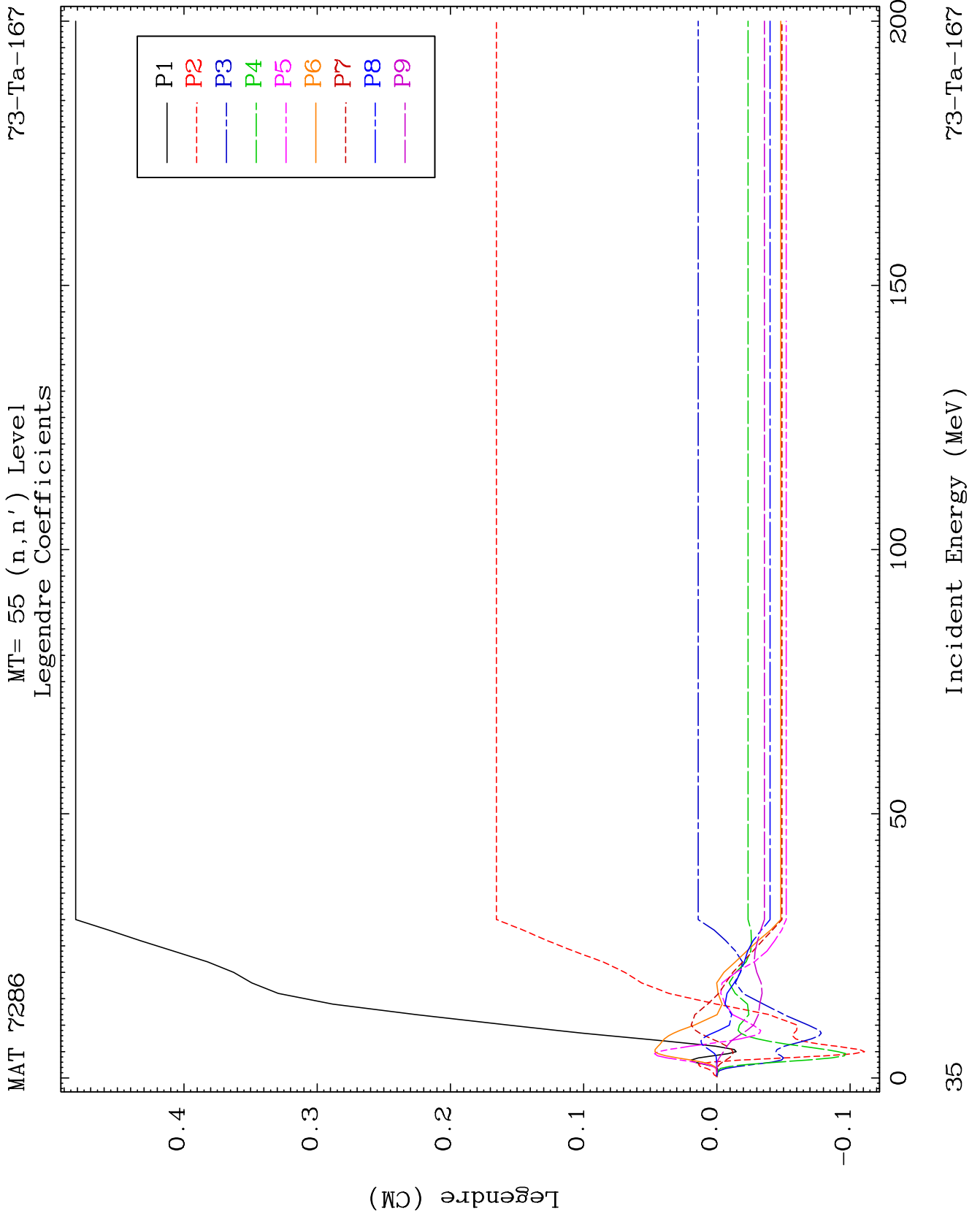
73-Ta-167



33

Incident Energy (MeV)

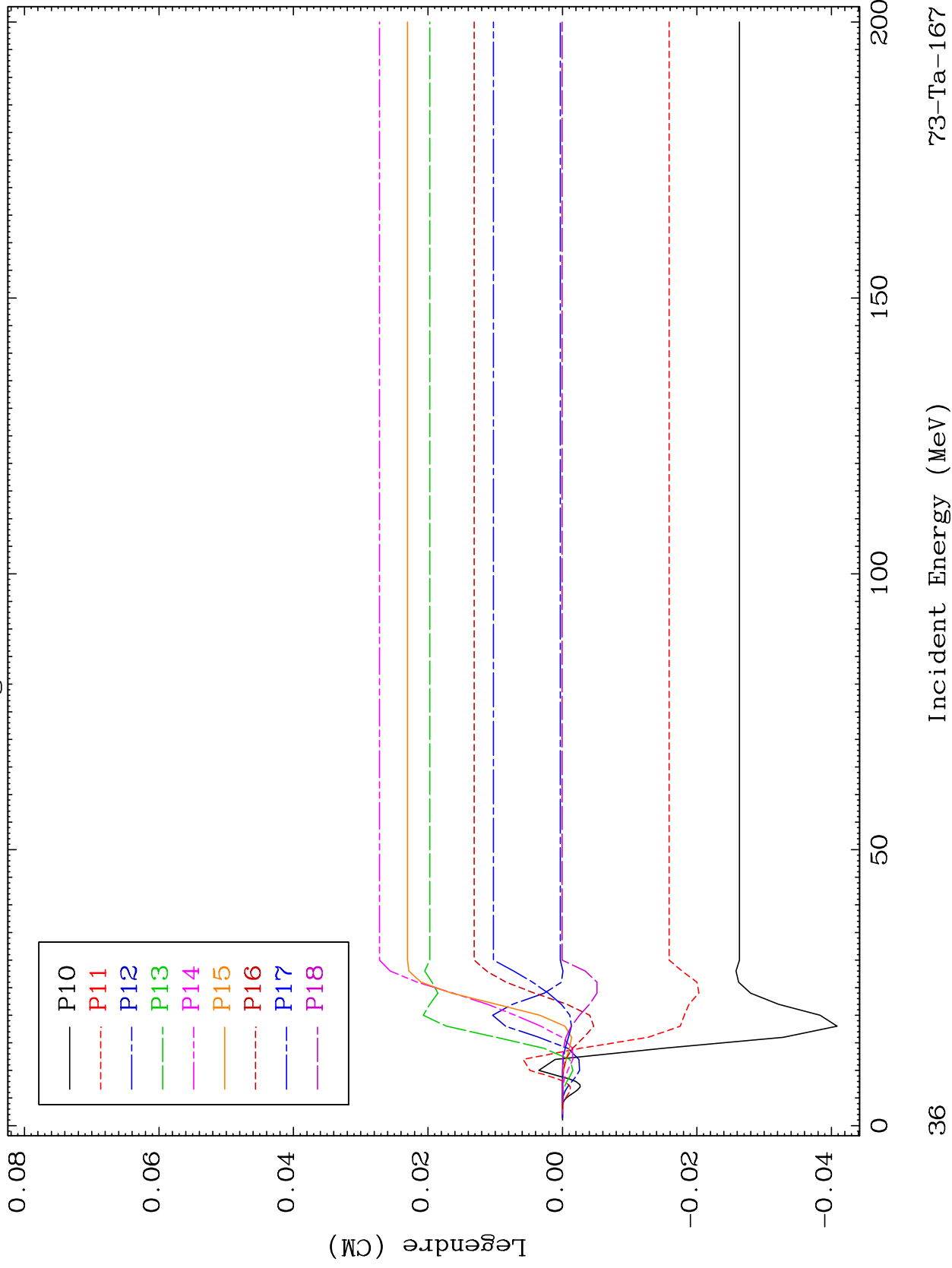
73-Ta-167



MAT 7286

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

73-Ta-167



36

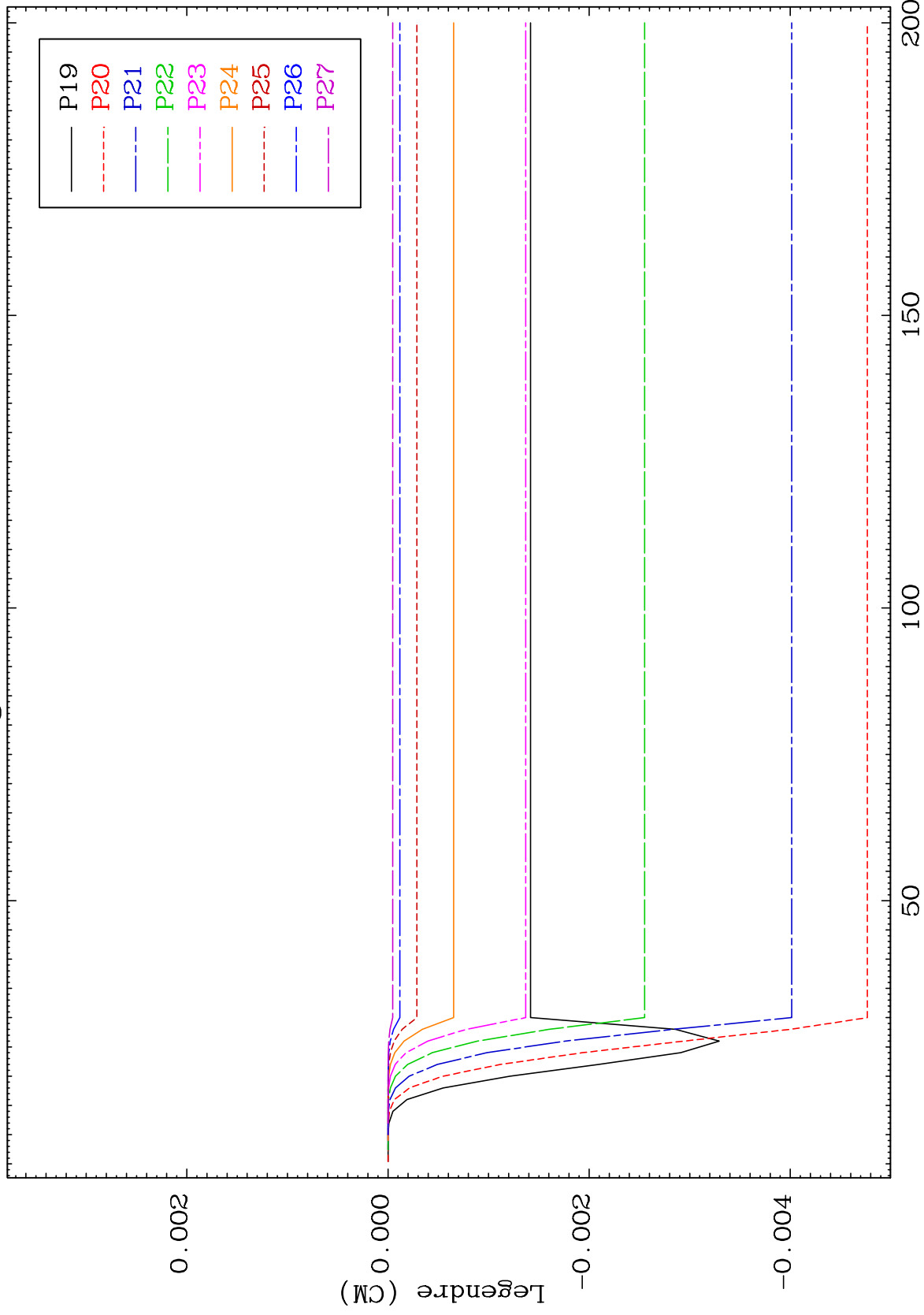
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

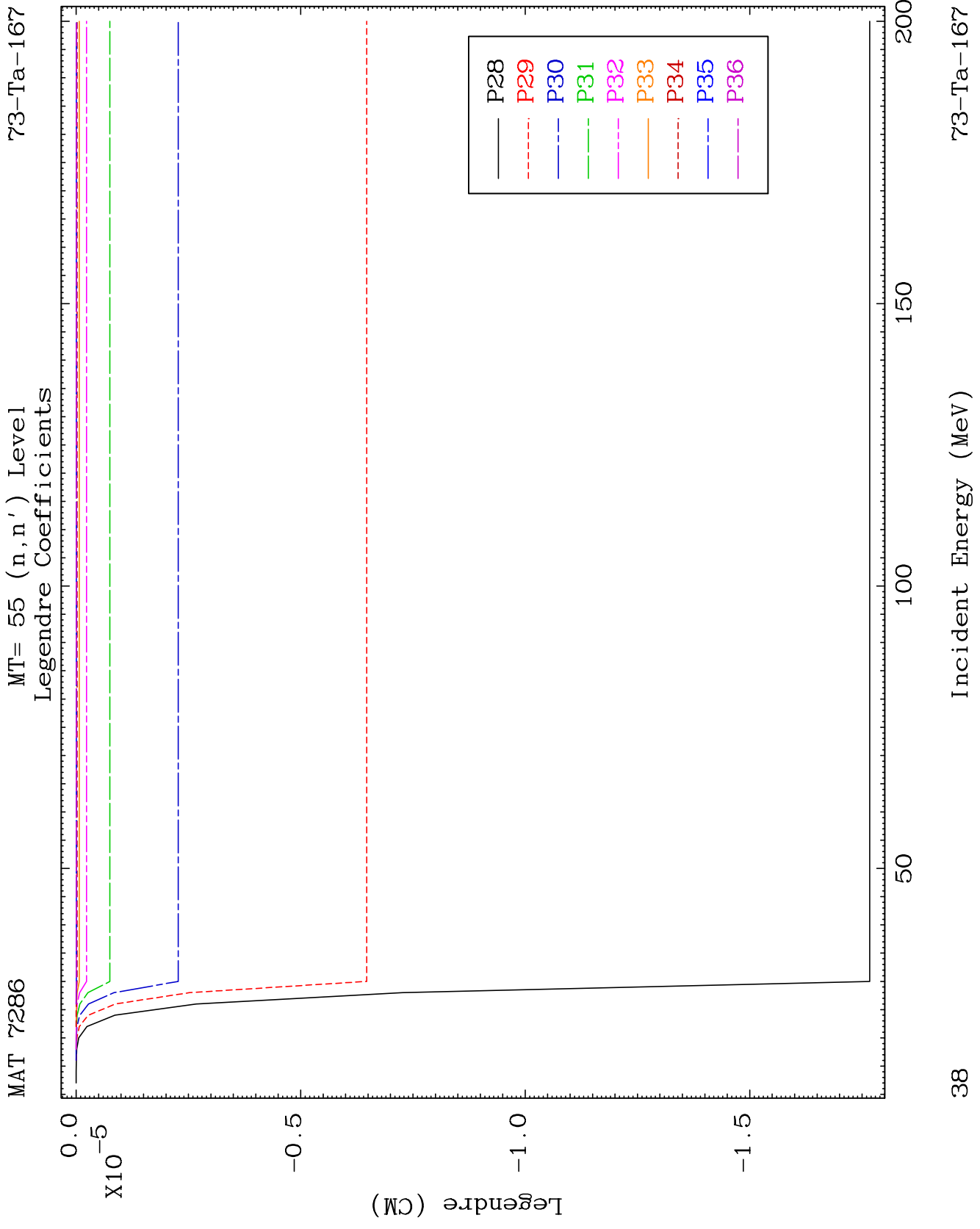
73-Ta-167

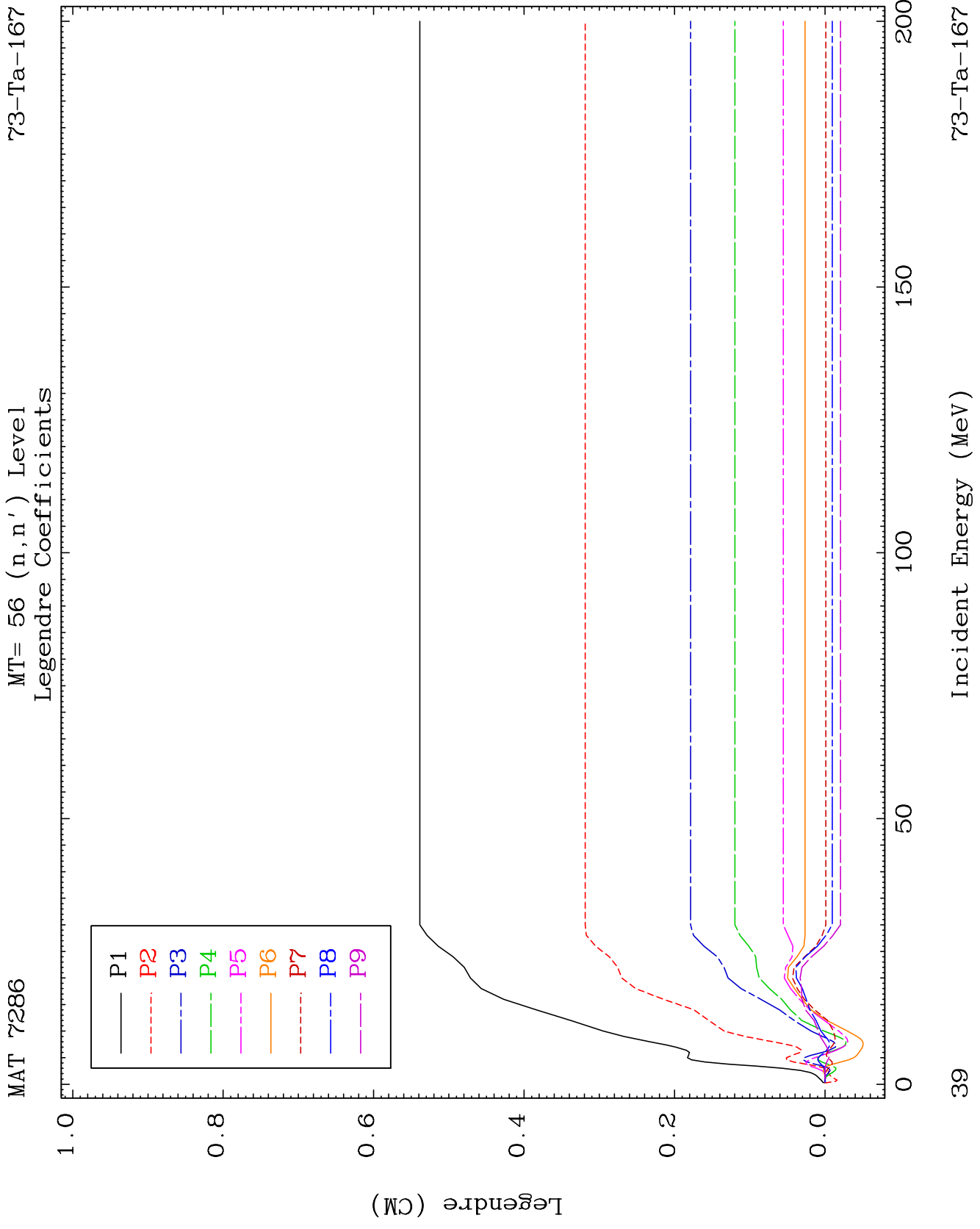


37

Incident Energy (MeV)

73-Ta-167

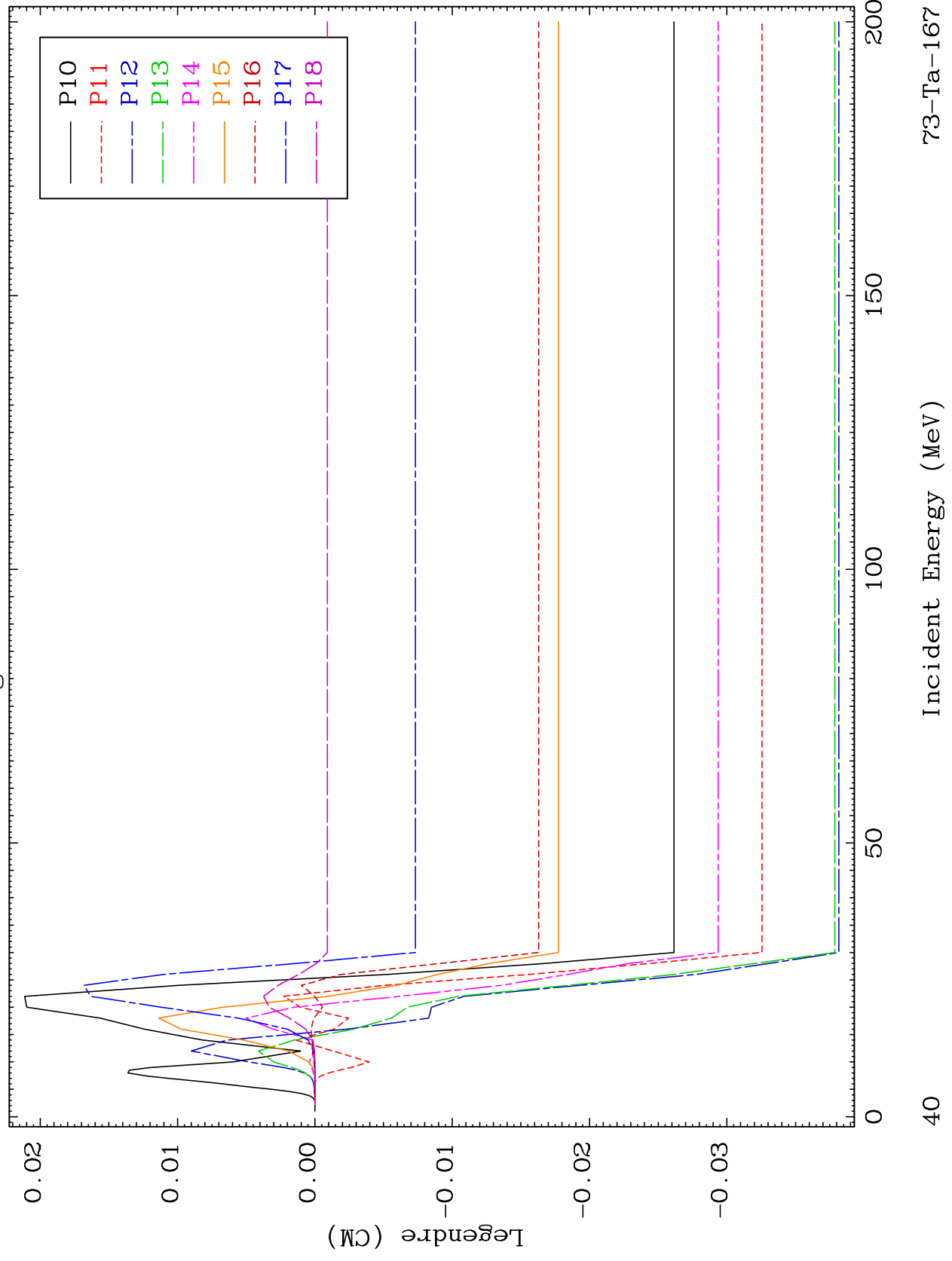




MAT 7286

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

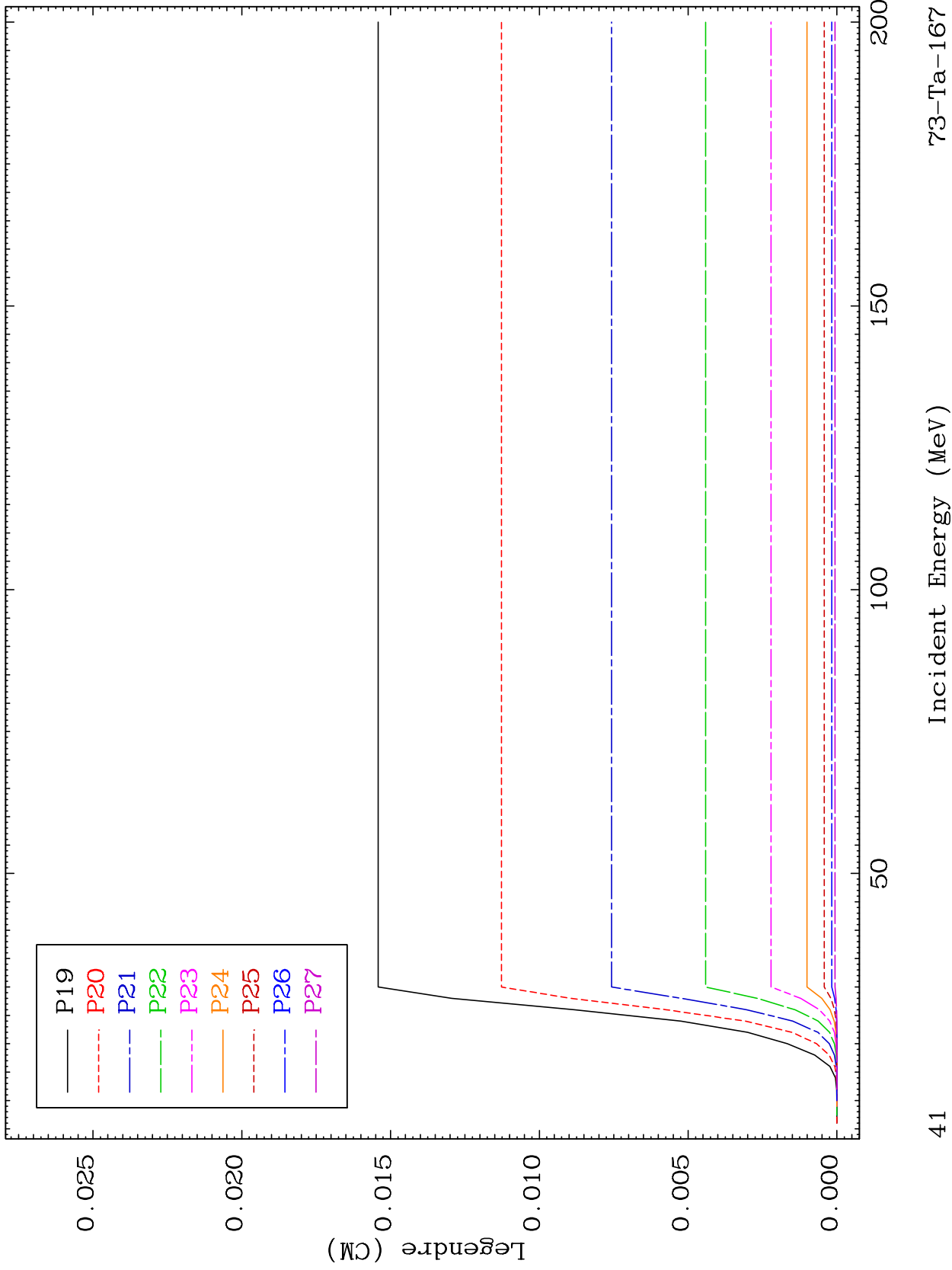
73-Ta-167

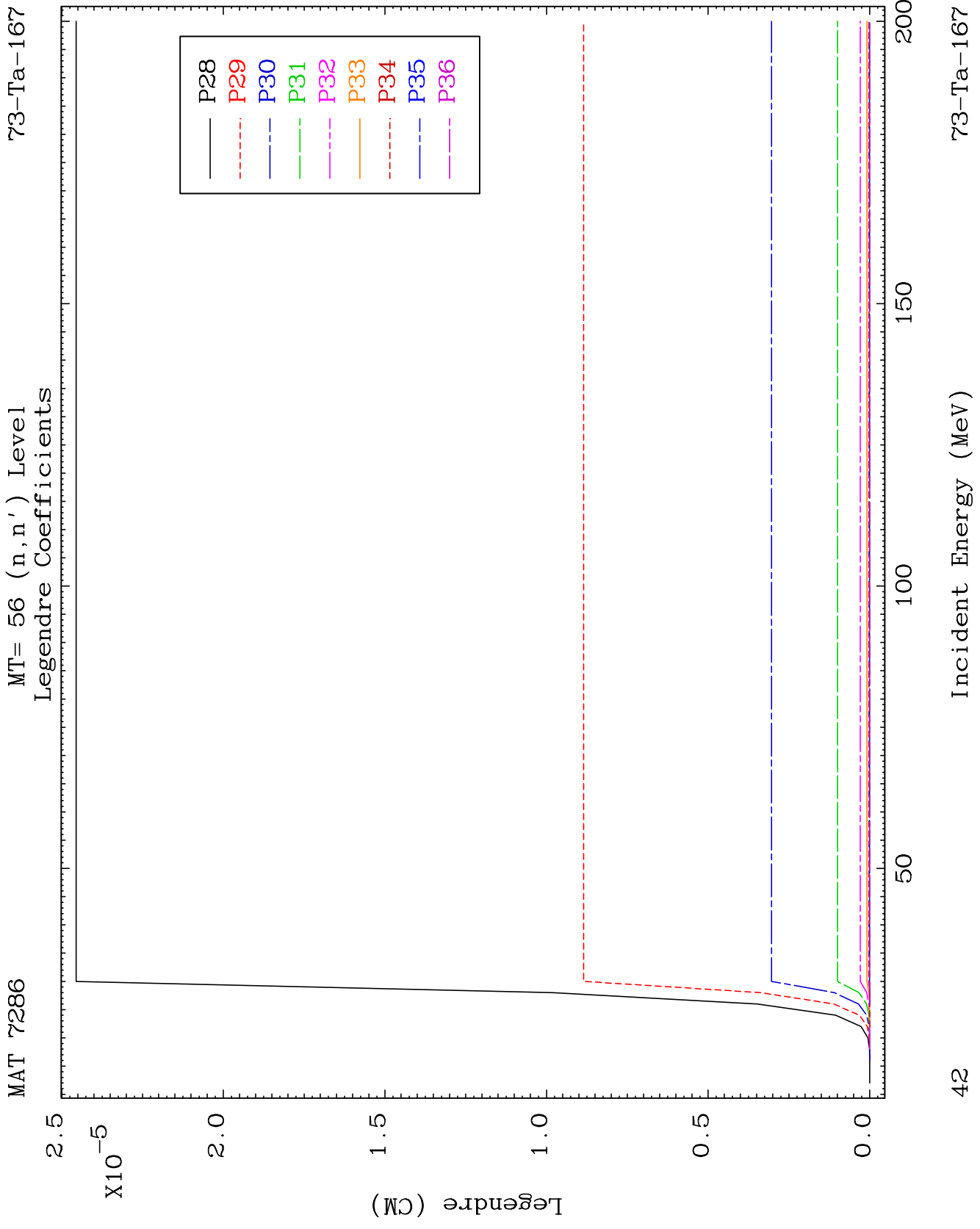


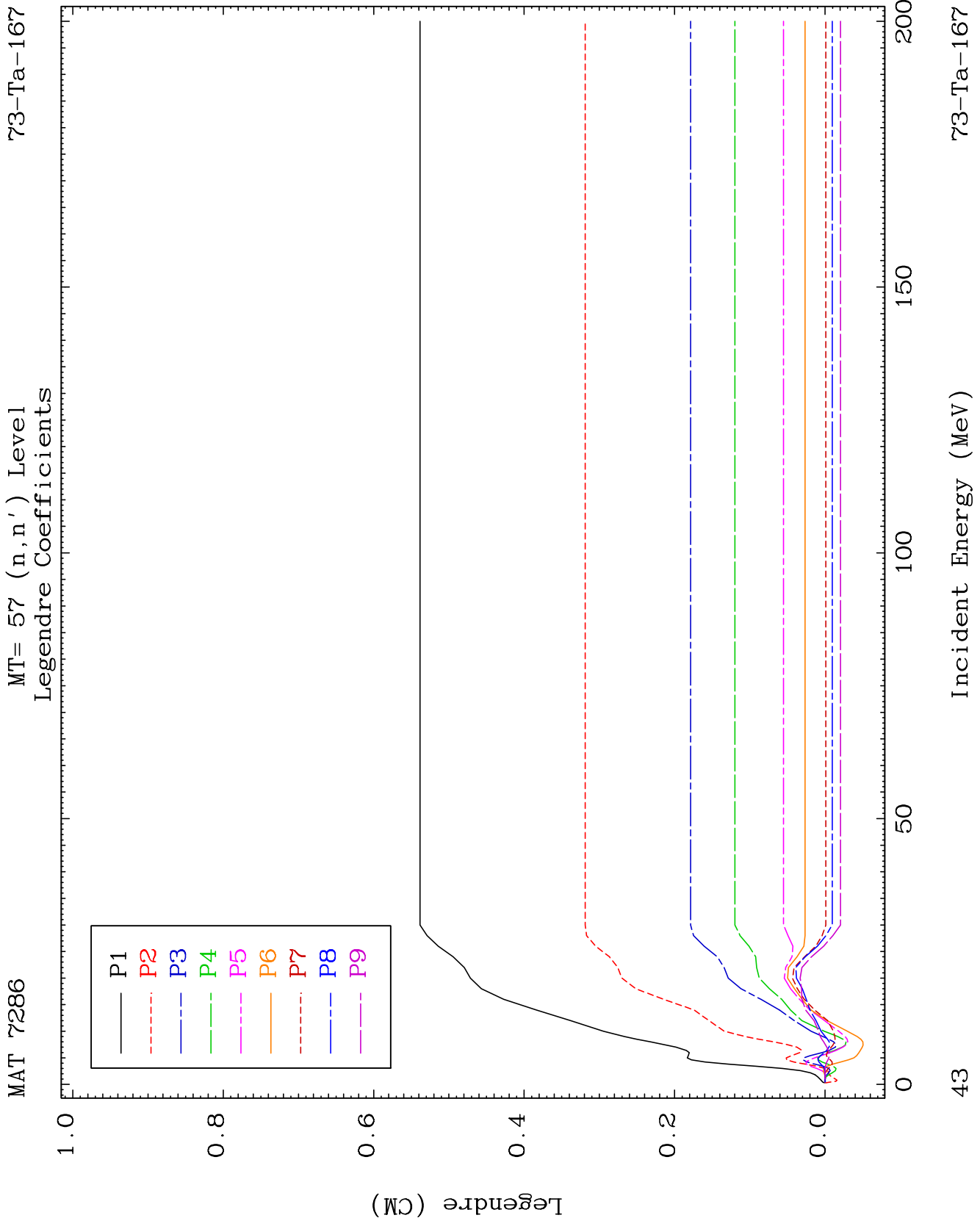
73-Ta-167

Incident Energy (MeV)

40



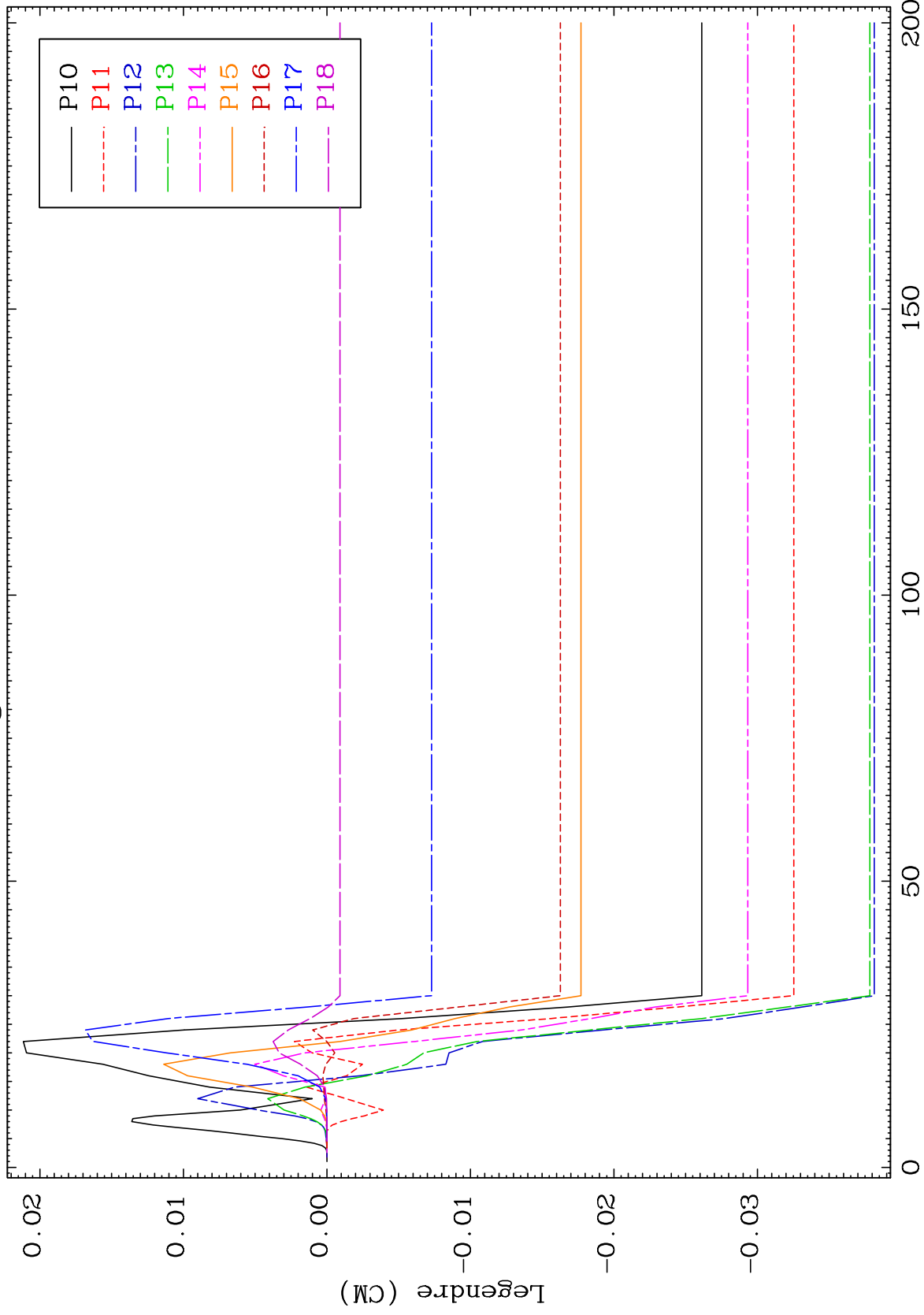




MAT 7286

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

73-Ta-167



44

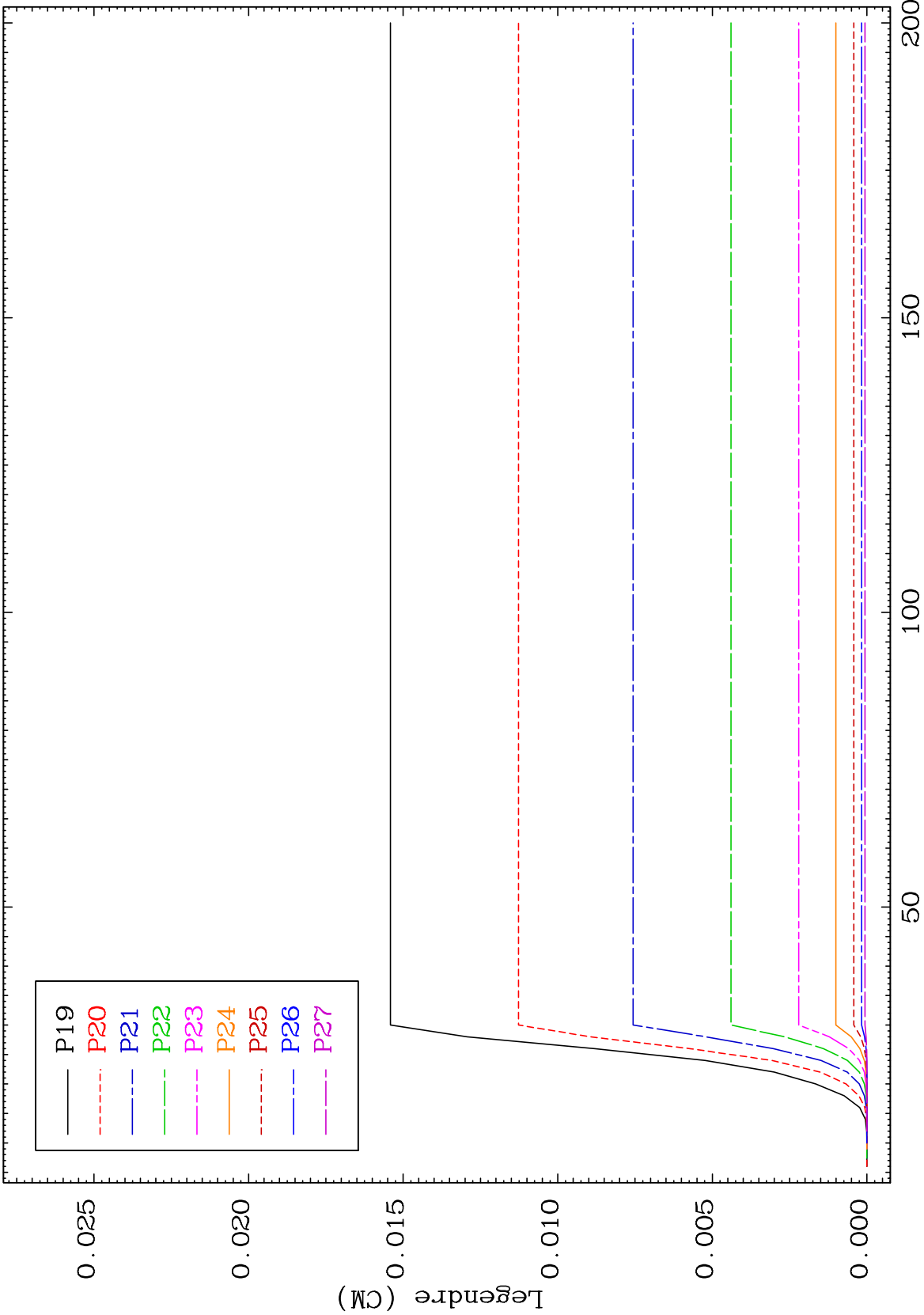
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



45

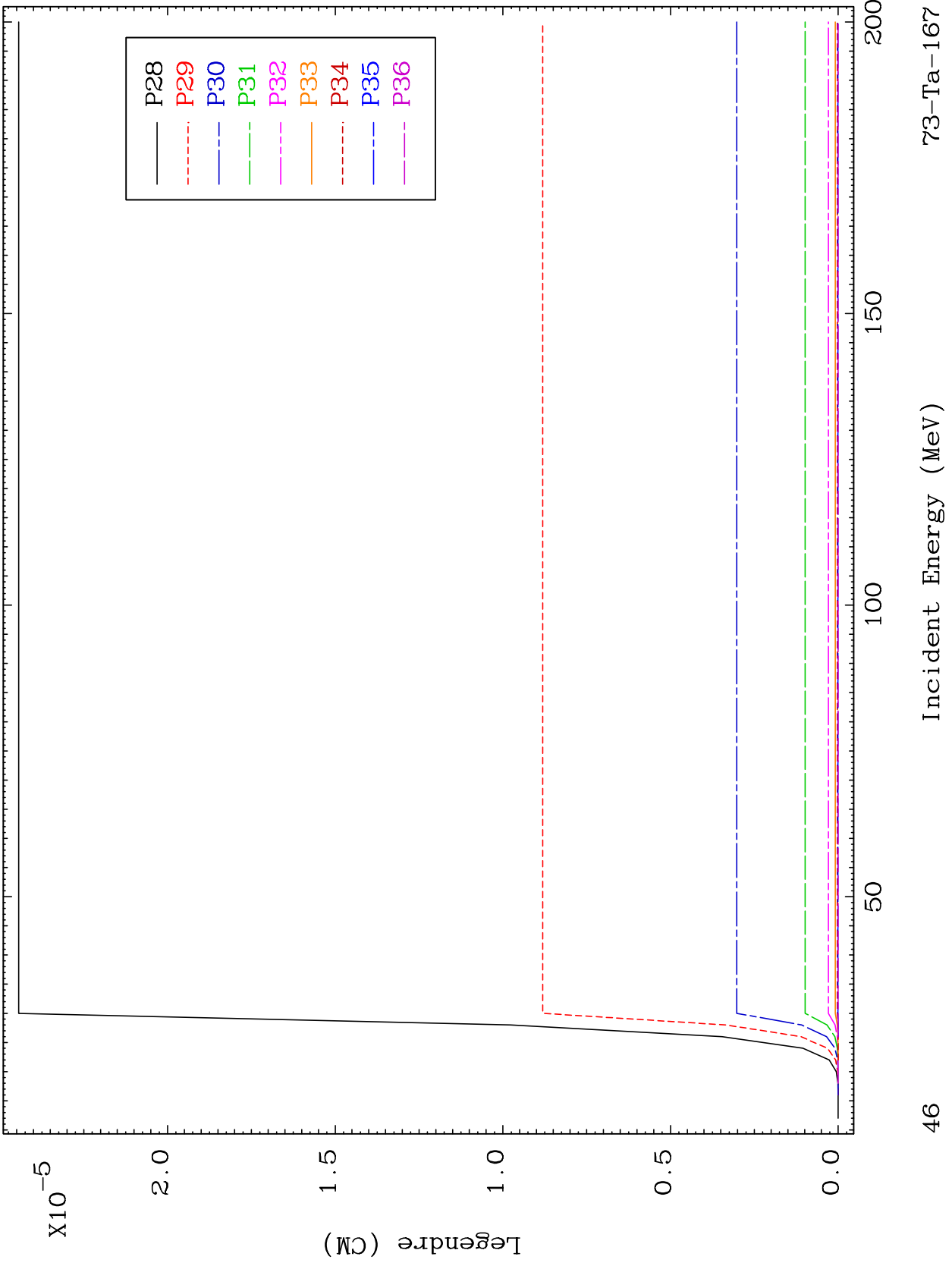
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



46

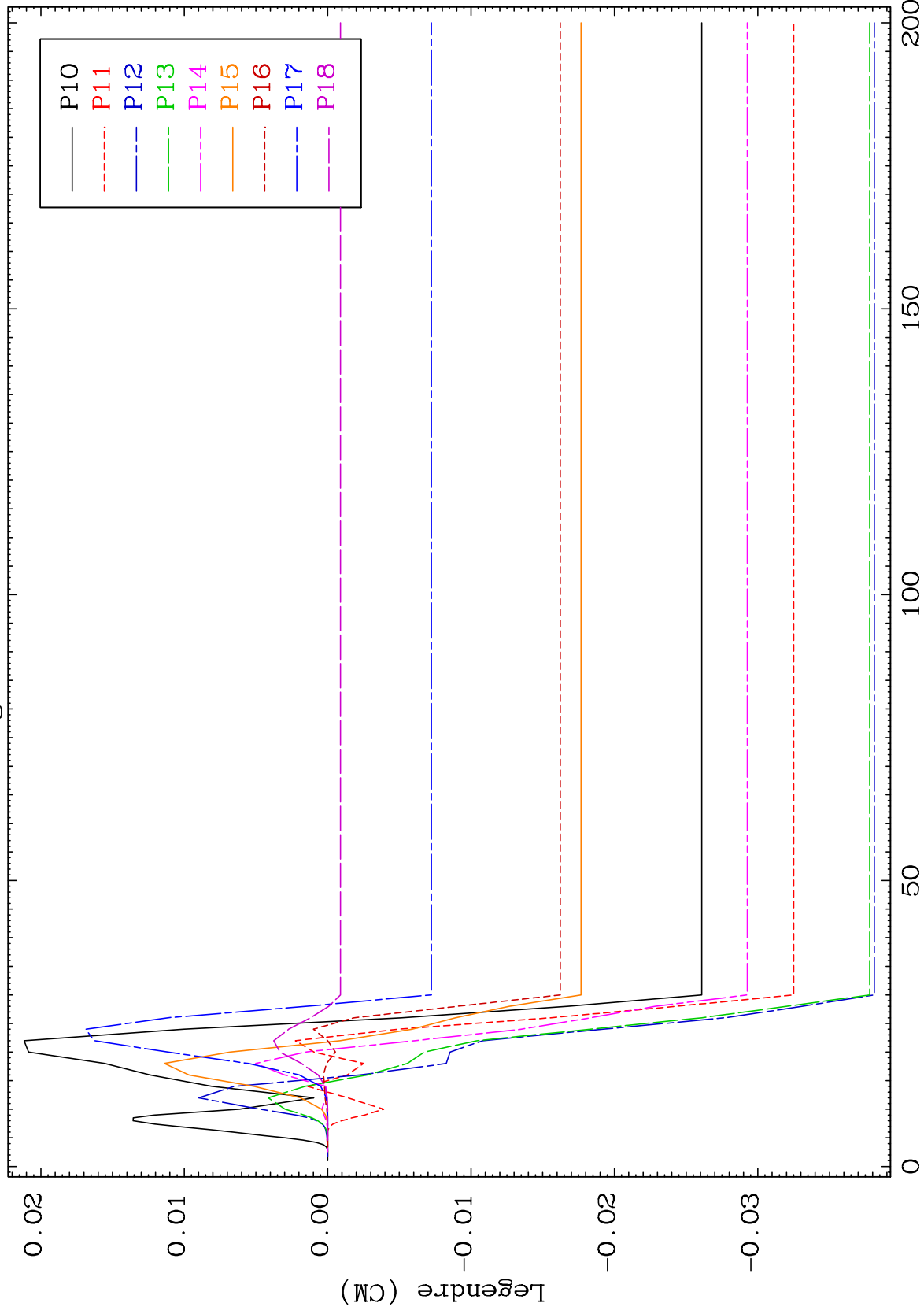
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

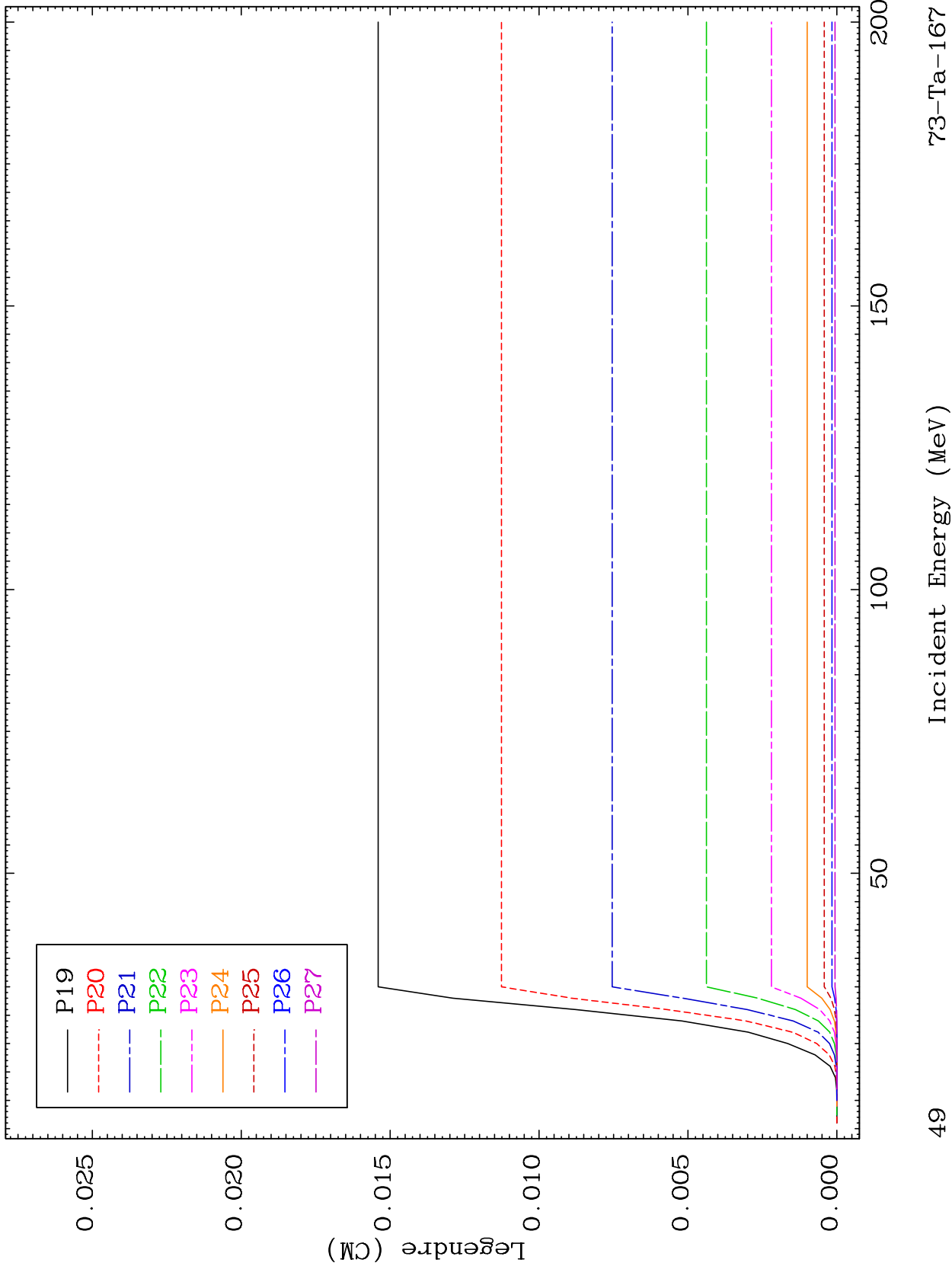
73-Ta-167



48

Incident Energy (MeV)

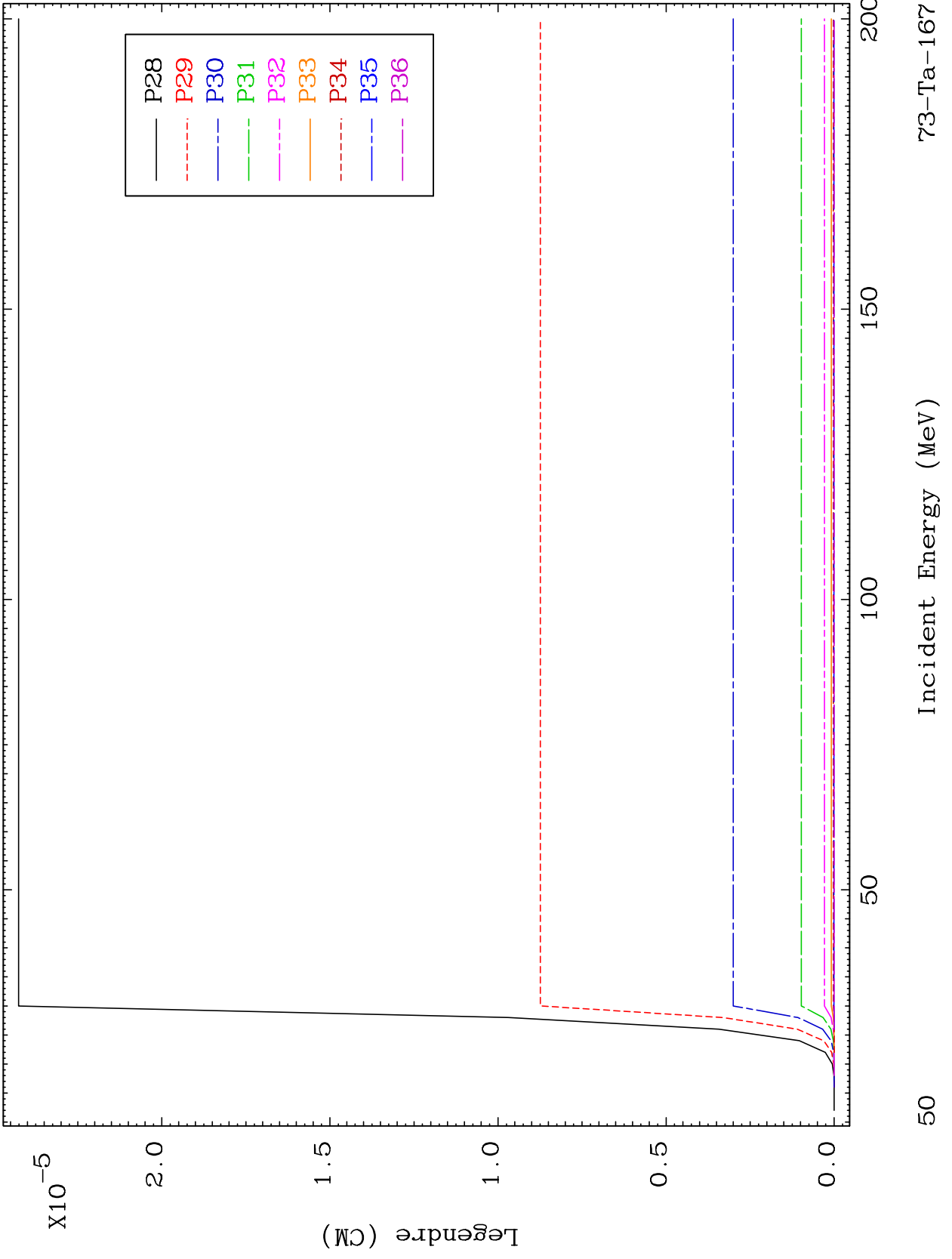
73-Ta-167



MAT 7286

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

73-Ta-167

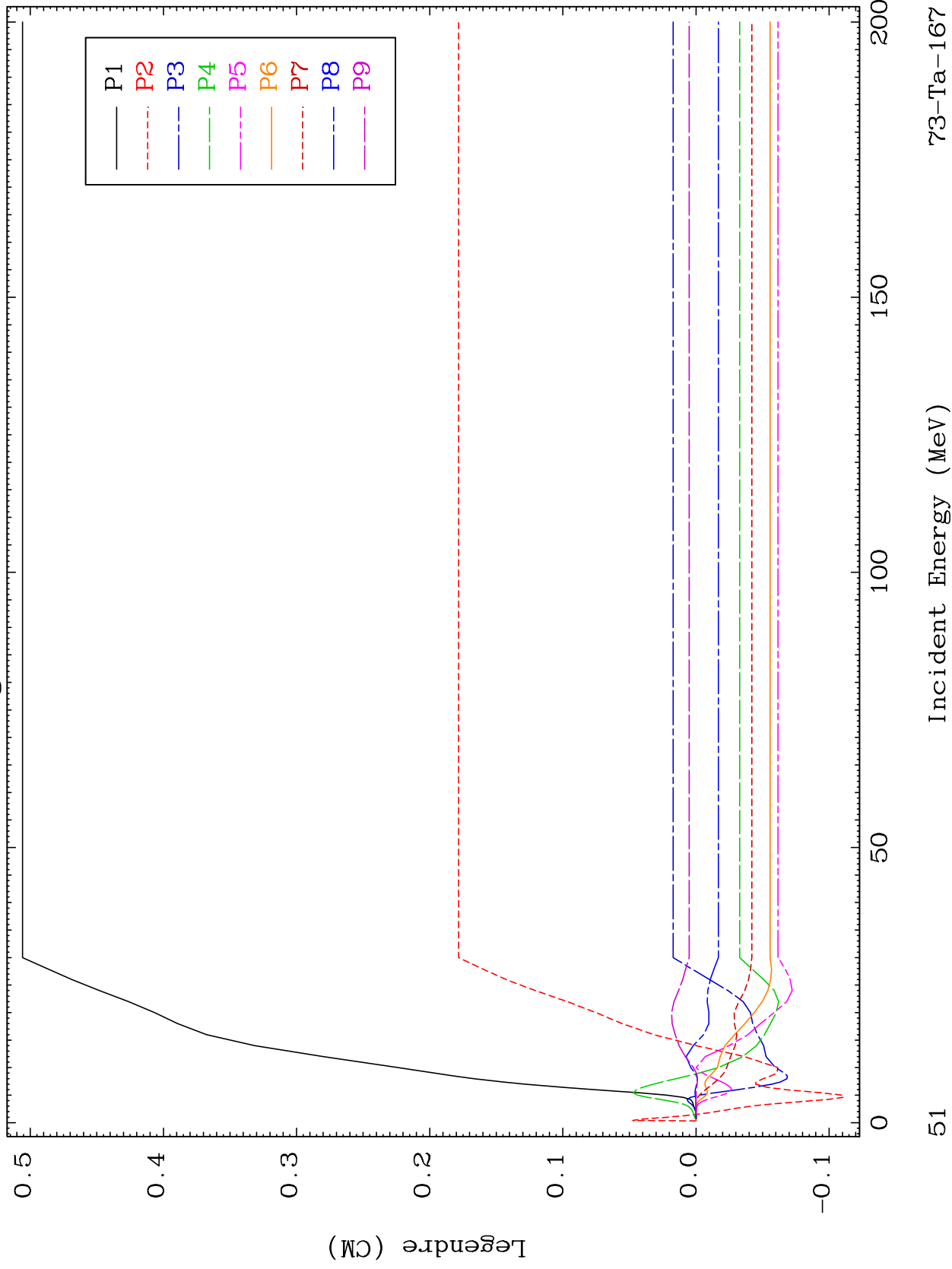


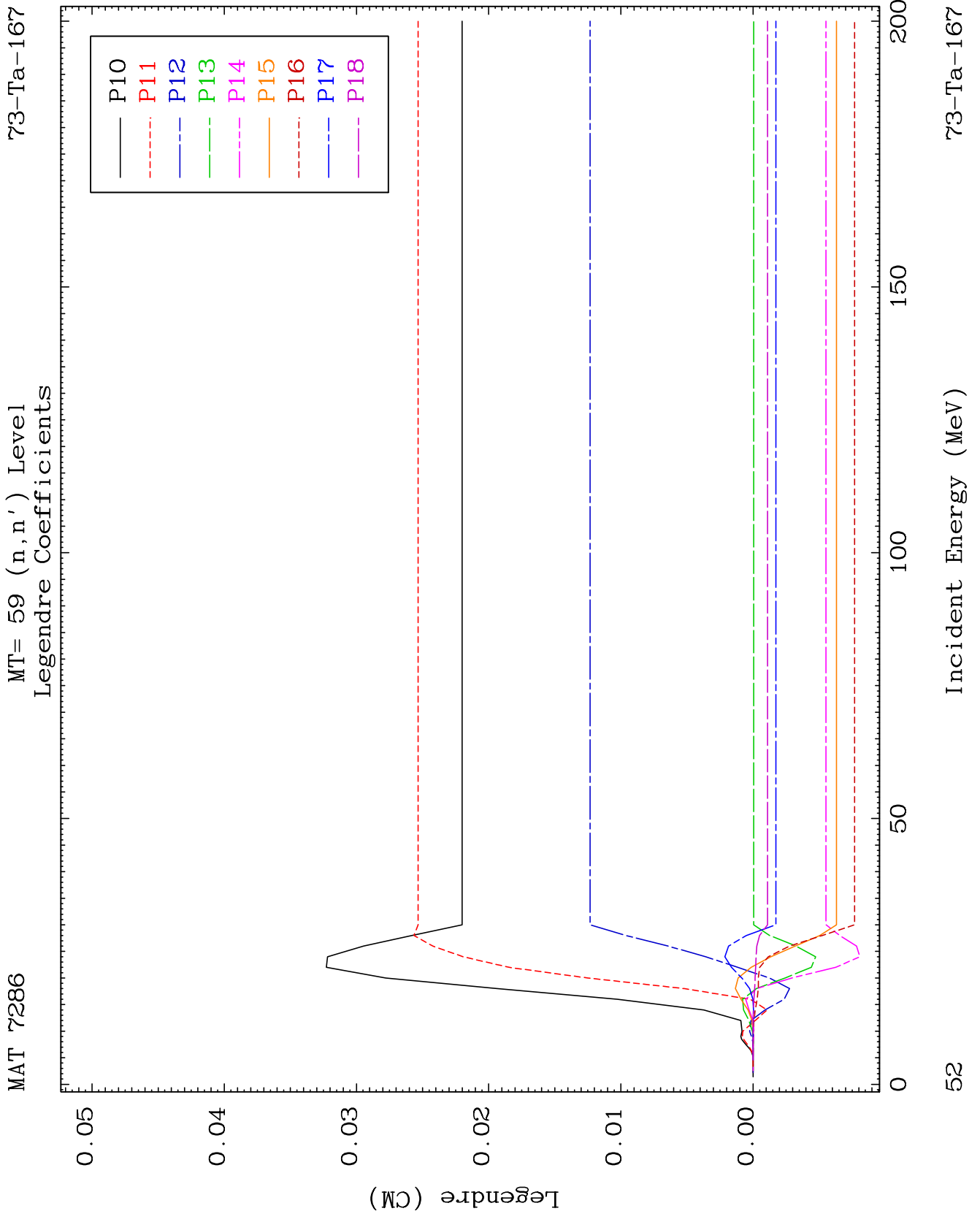
MAT 7286

MT= 59 (n,n') Level

73-Ta-167

Legendre Coefficients

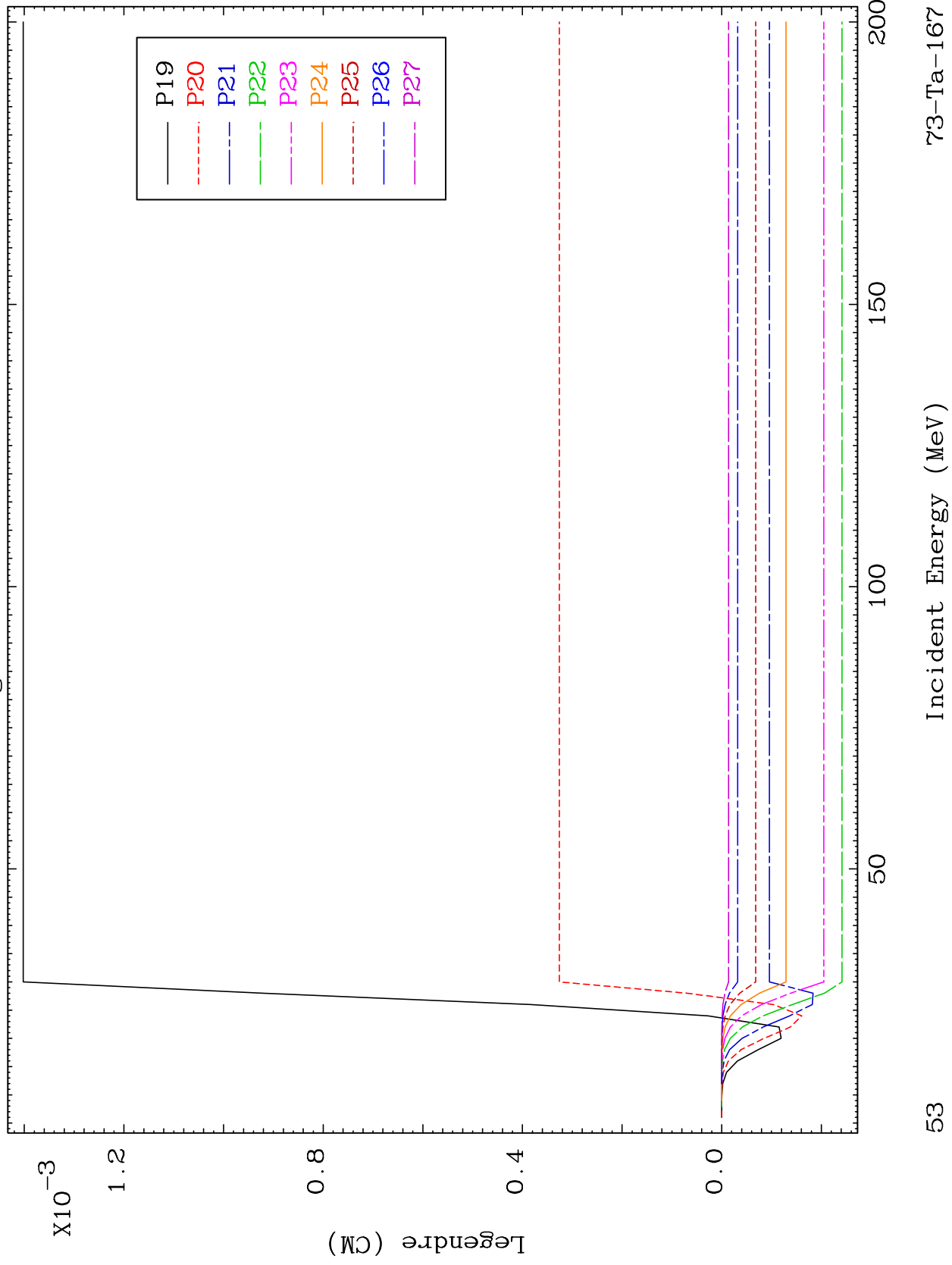




MAT 7286

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

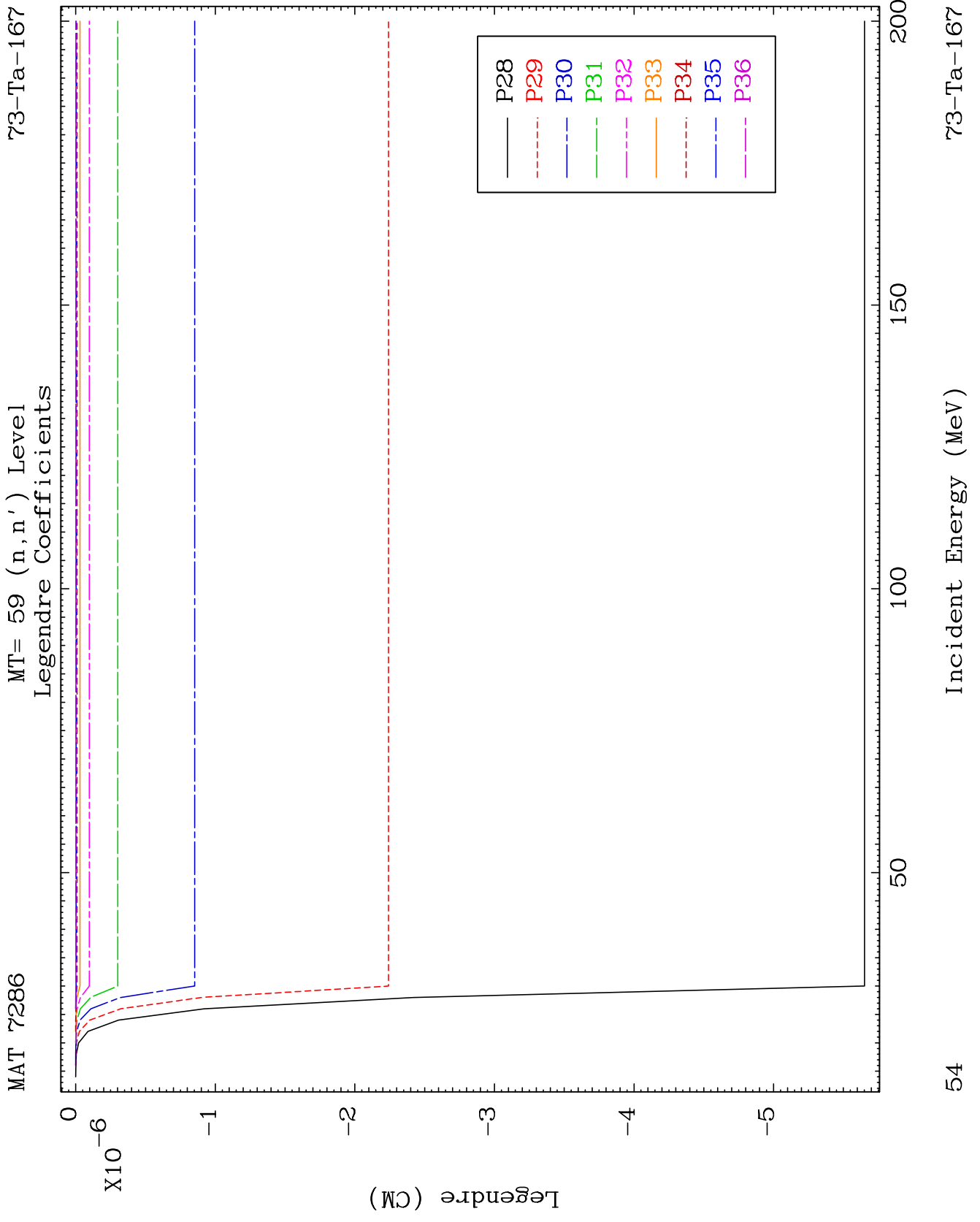
73-Ta-167

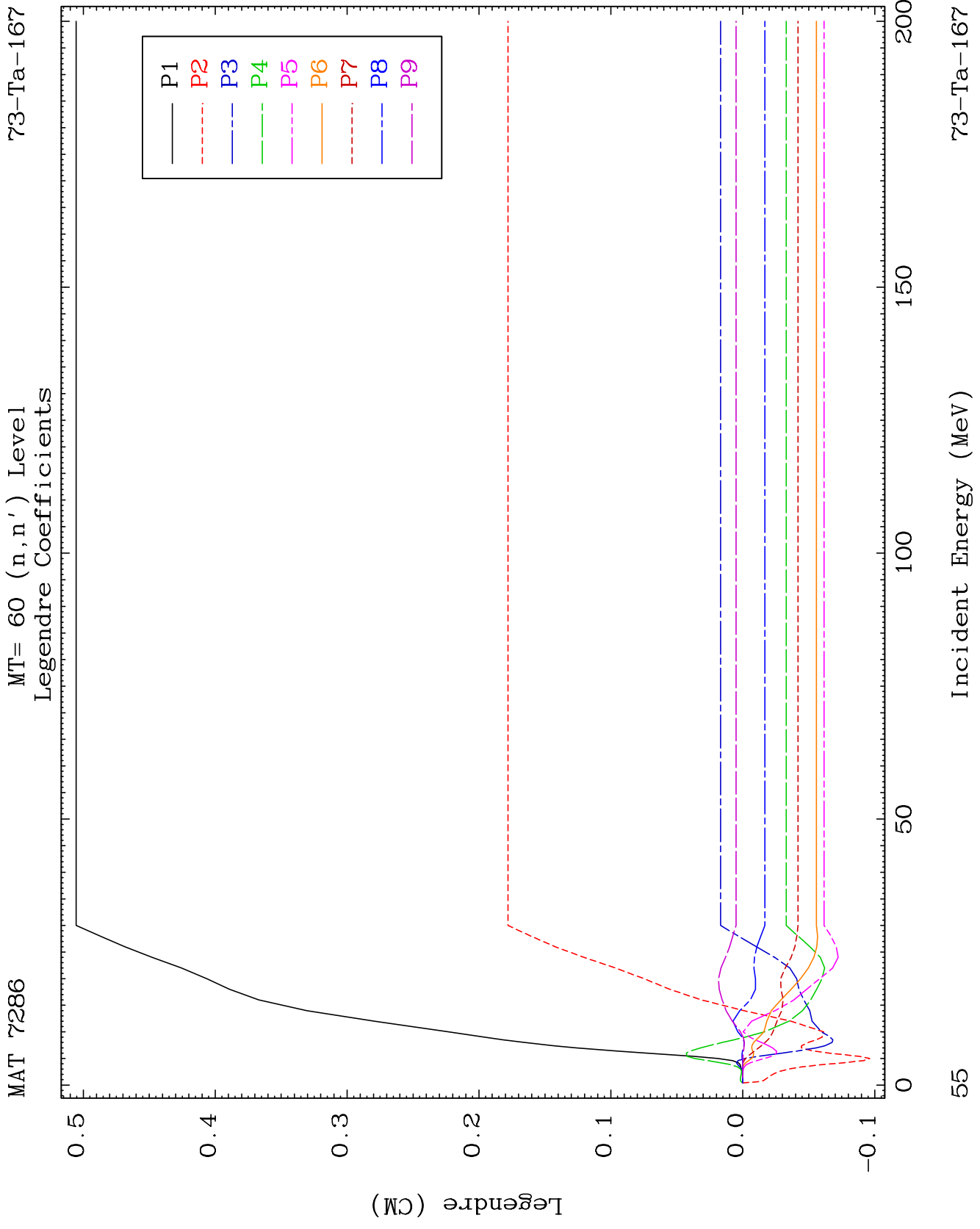


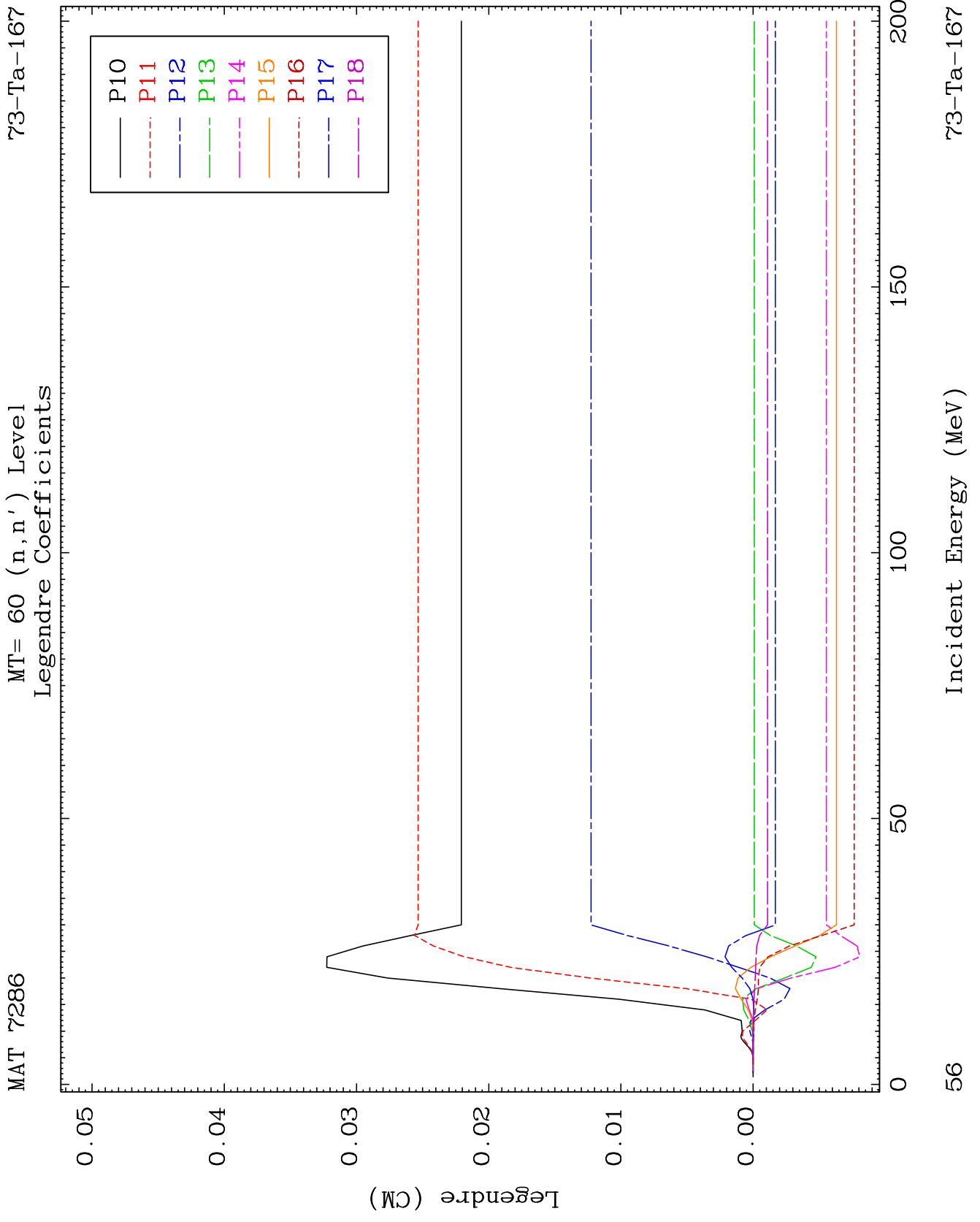
53

Incident Energy (MeV)

73-Ta-167







73-Ta-167

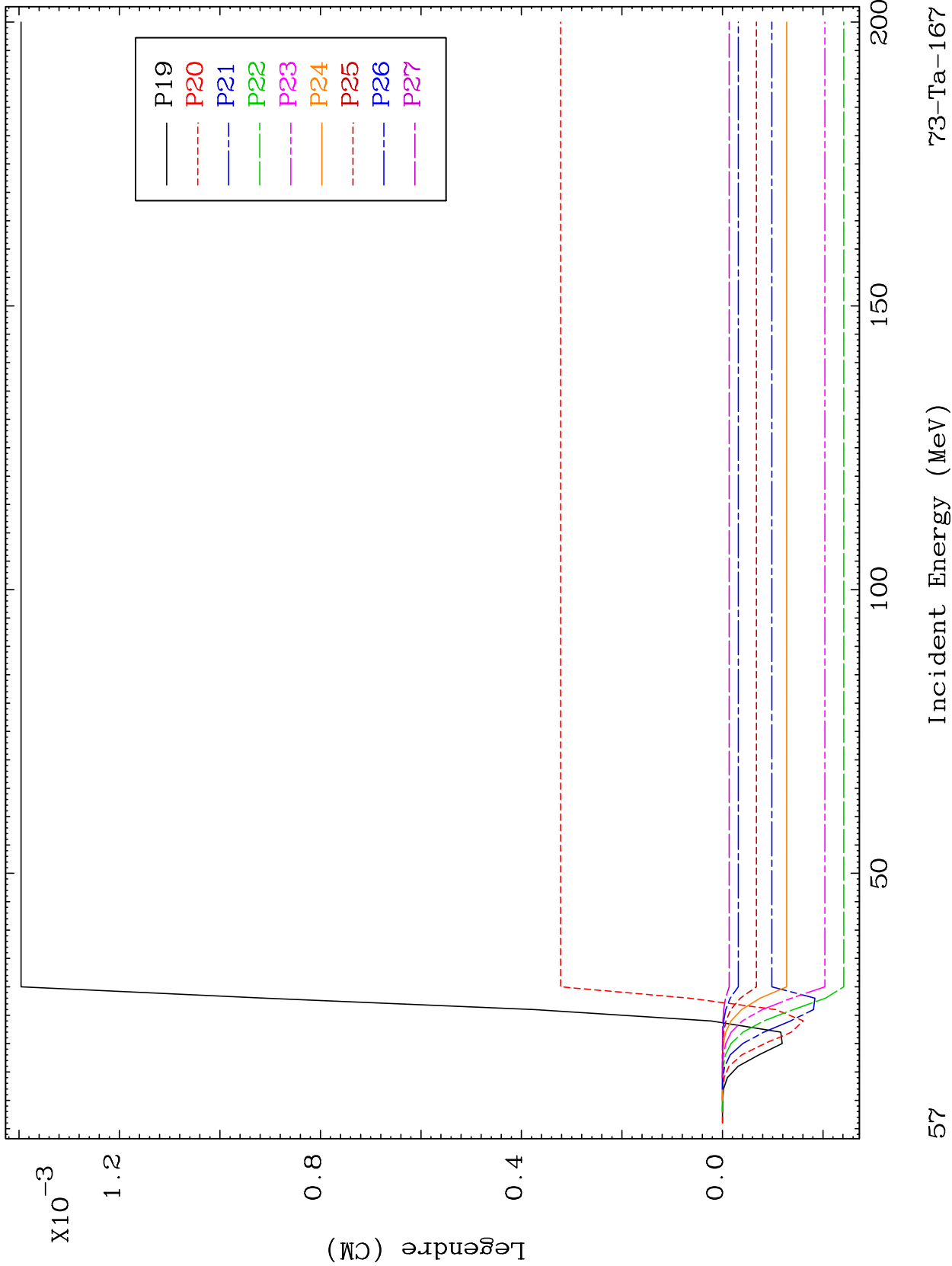
Incident Energy (MeV)

56

MAT 7286

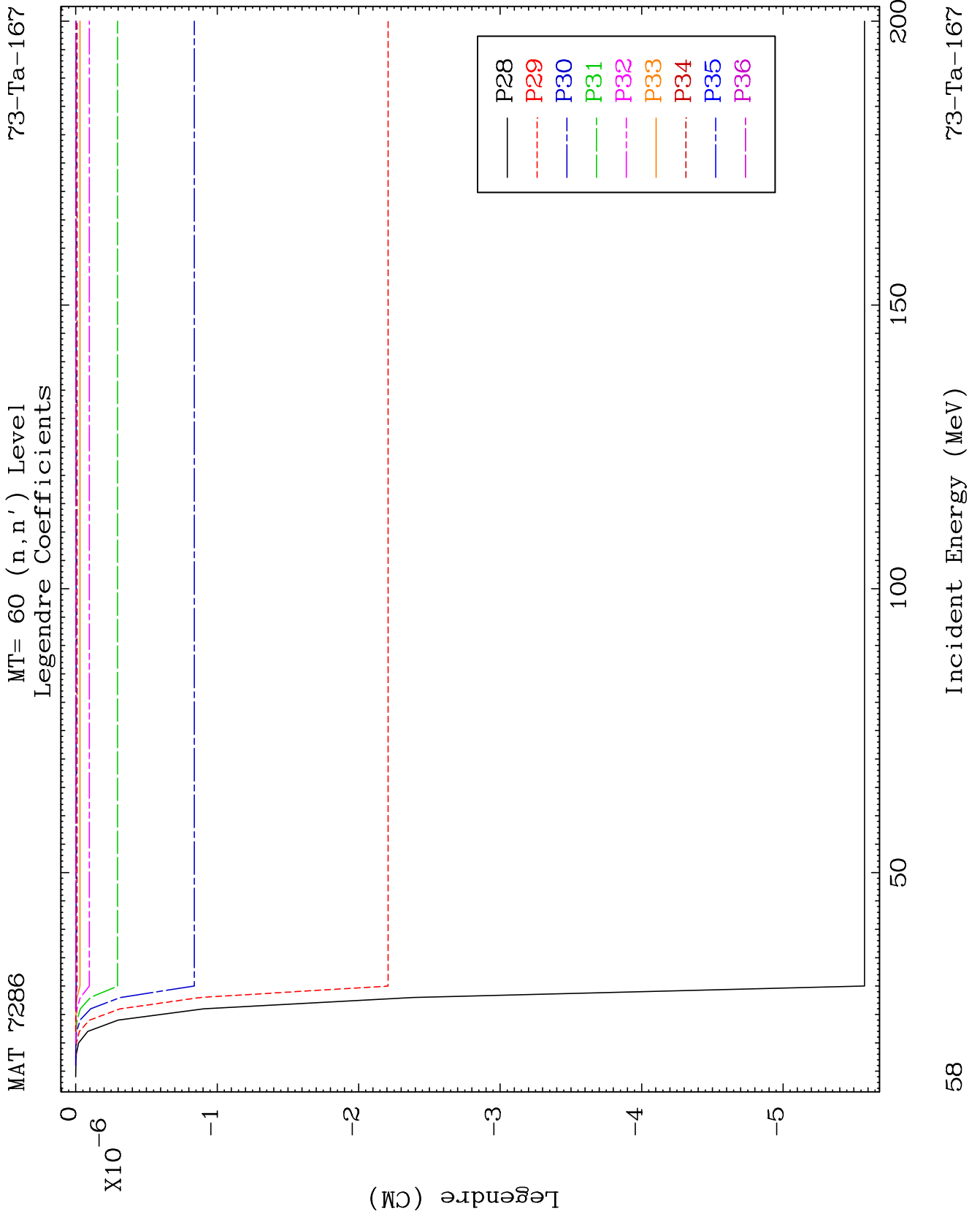
MT= 60 (n,n') Level
Legendre Coefficients

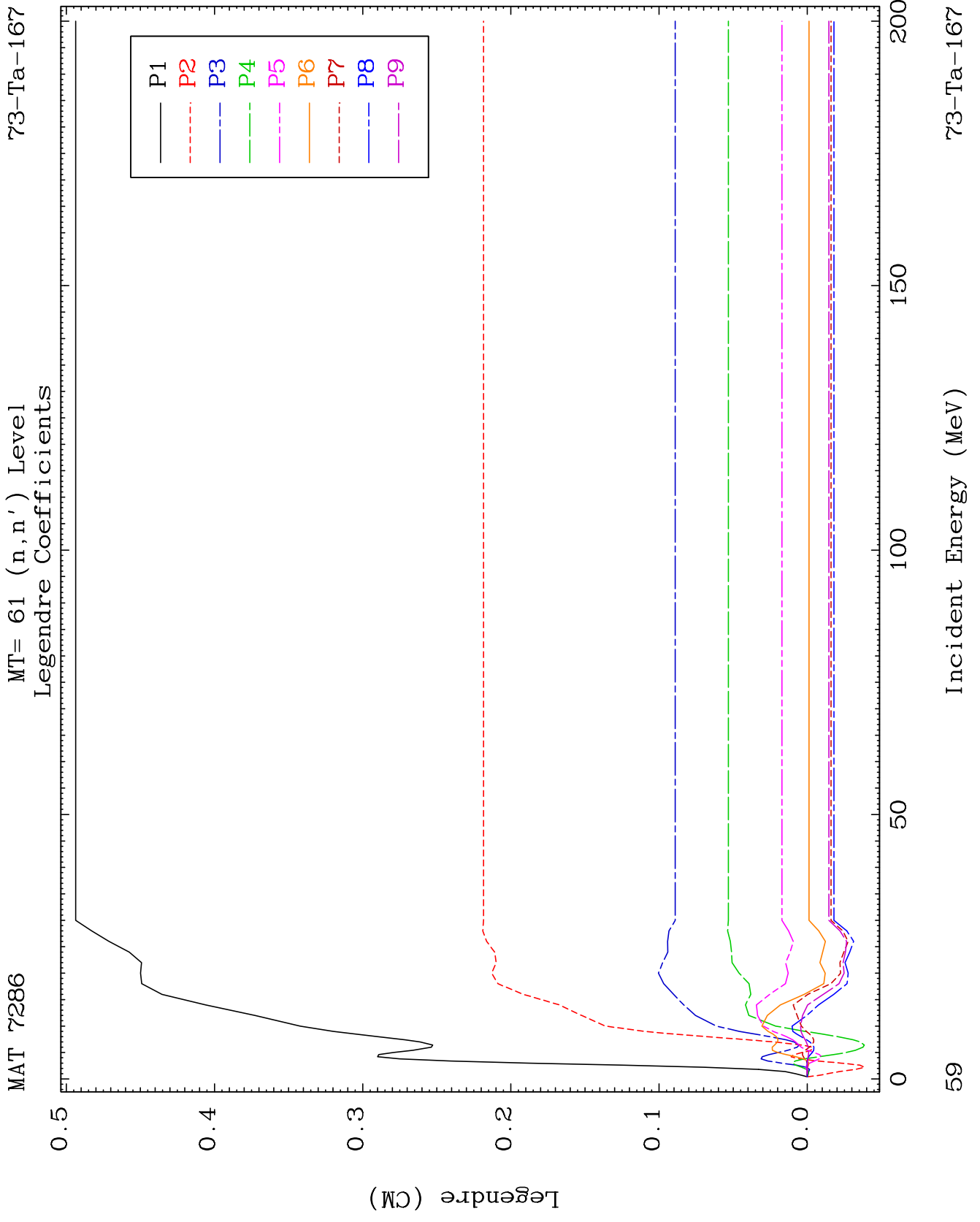
73-Ta-167



57

73-Ta-167

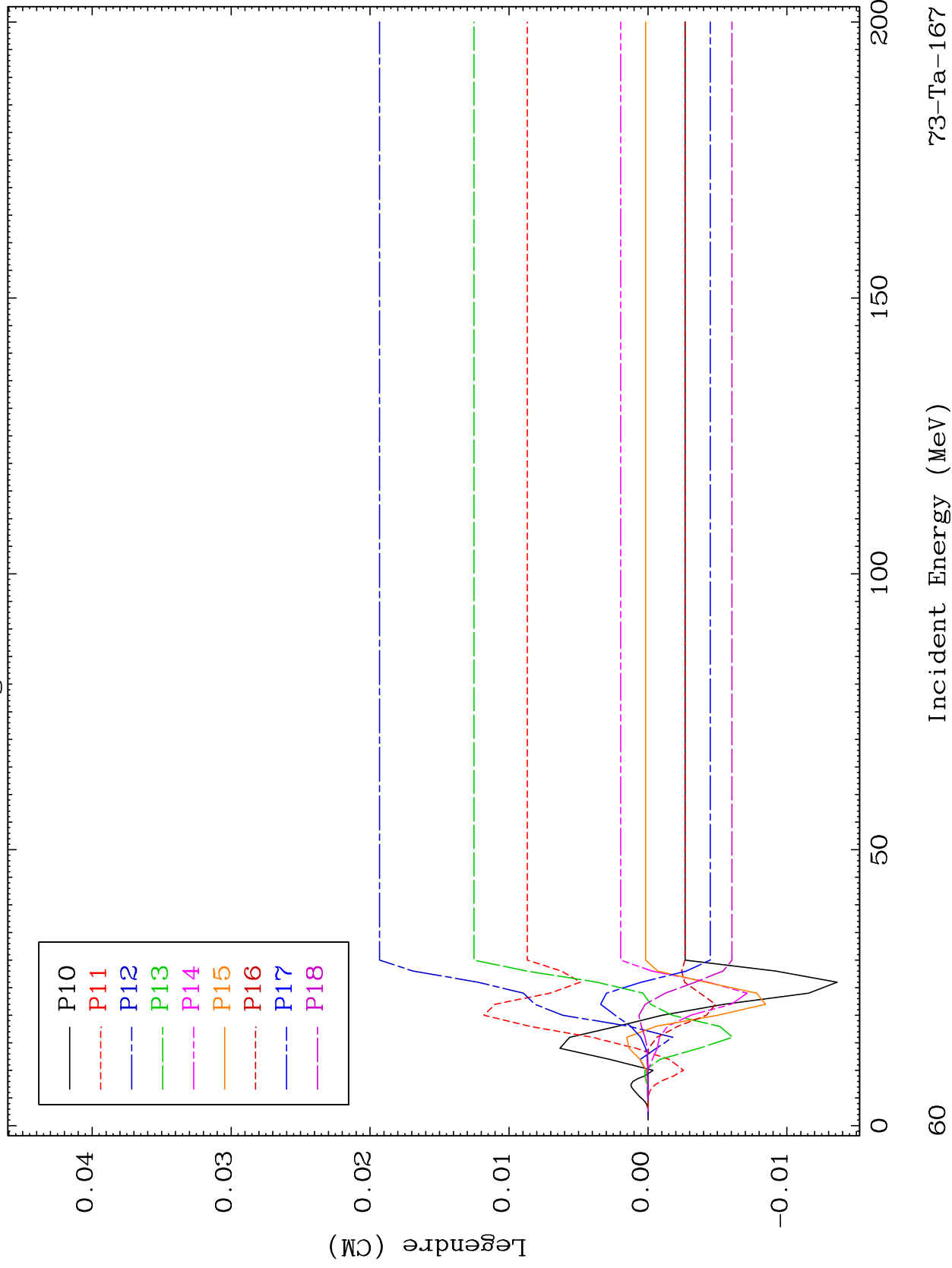


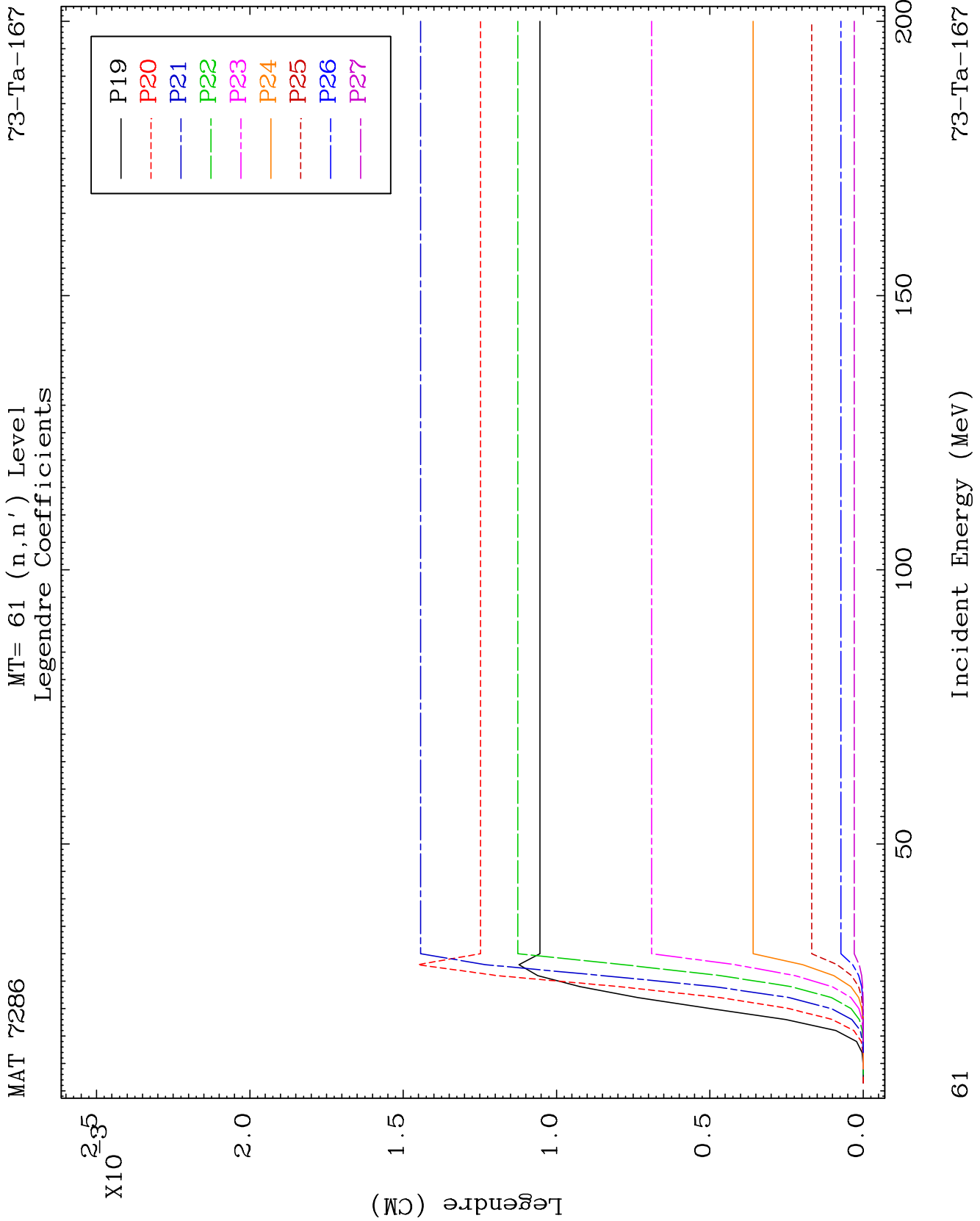


MAT 7286

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

73-Ta-167

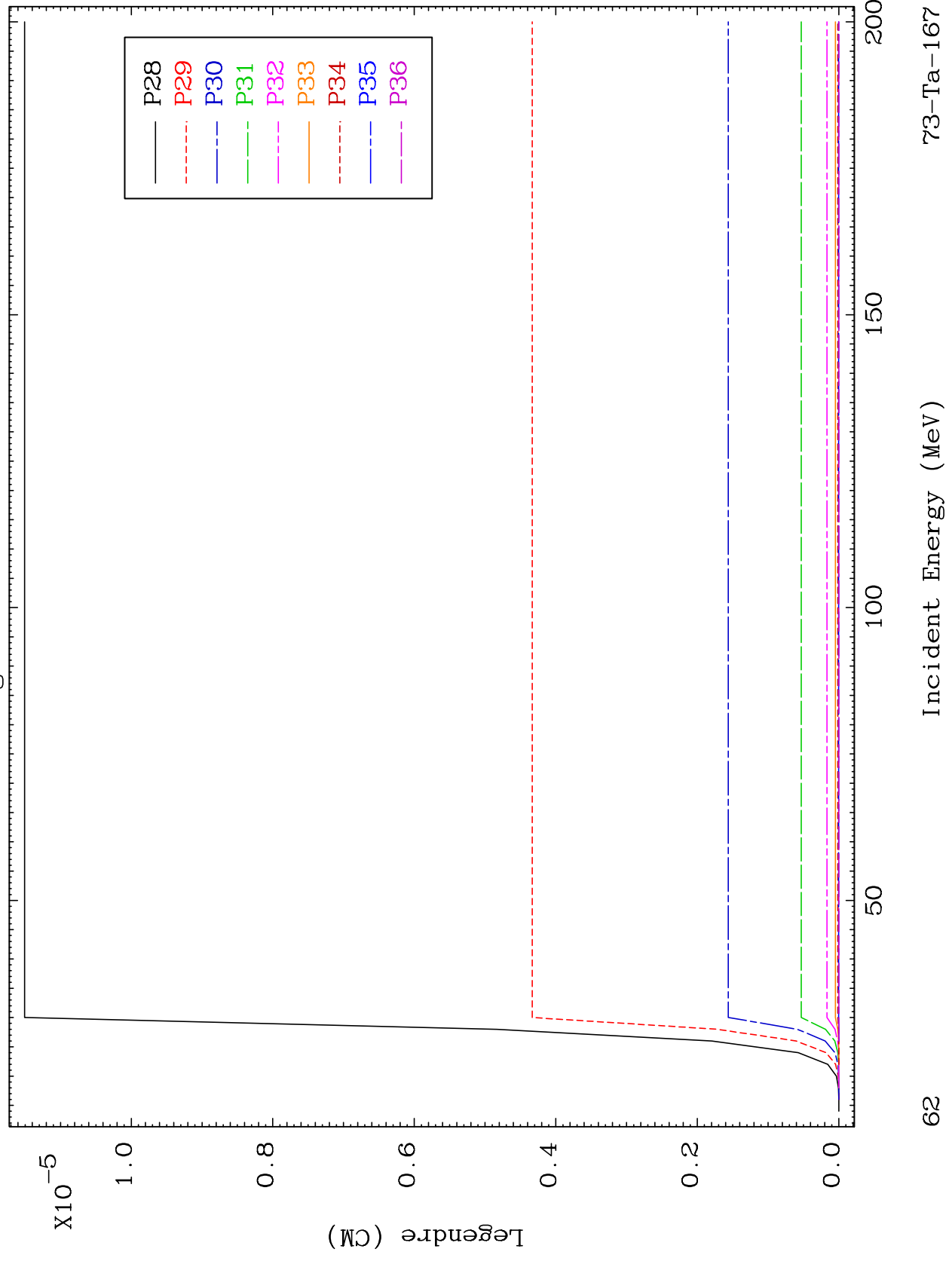




MAT 7286

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

73-Ta-167

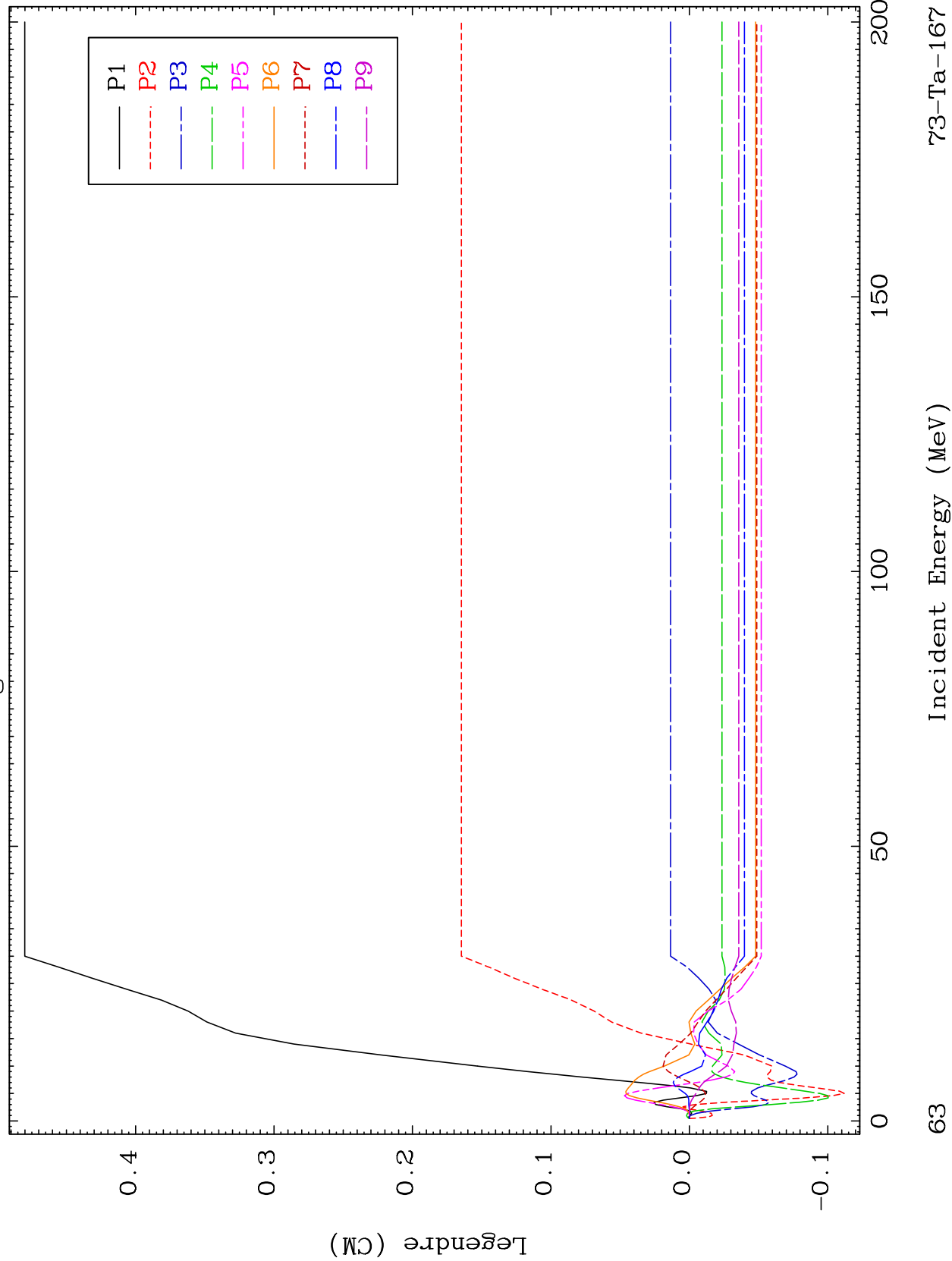


62

MAT 7286

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

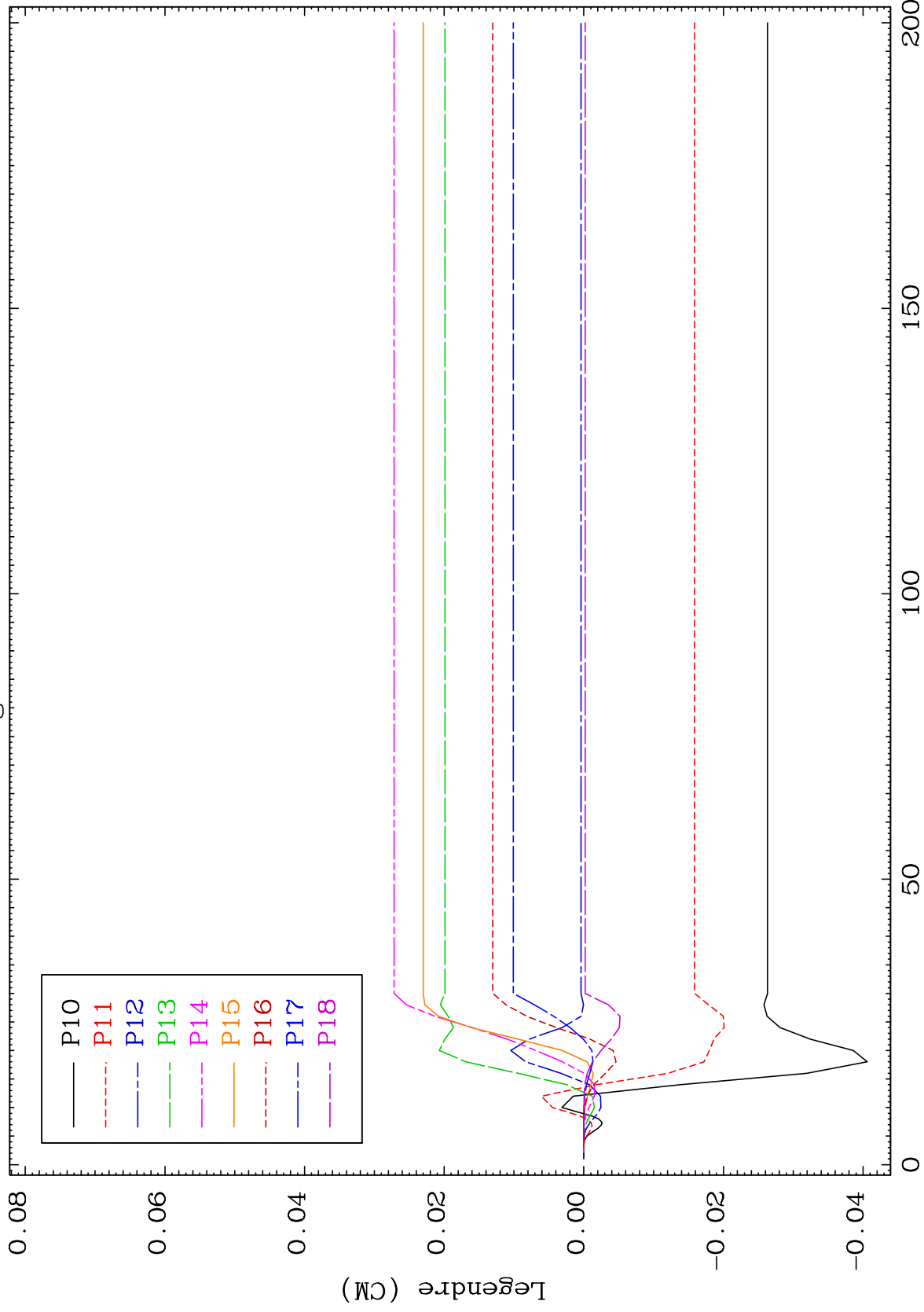
73-Ta-167



MAT 7286

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

73-Ta-167



64

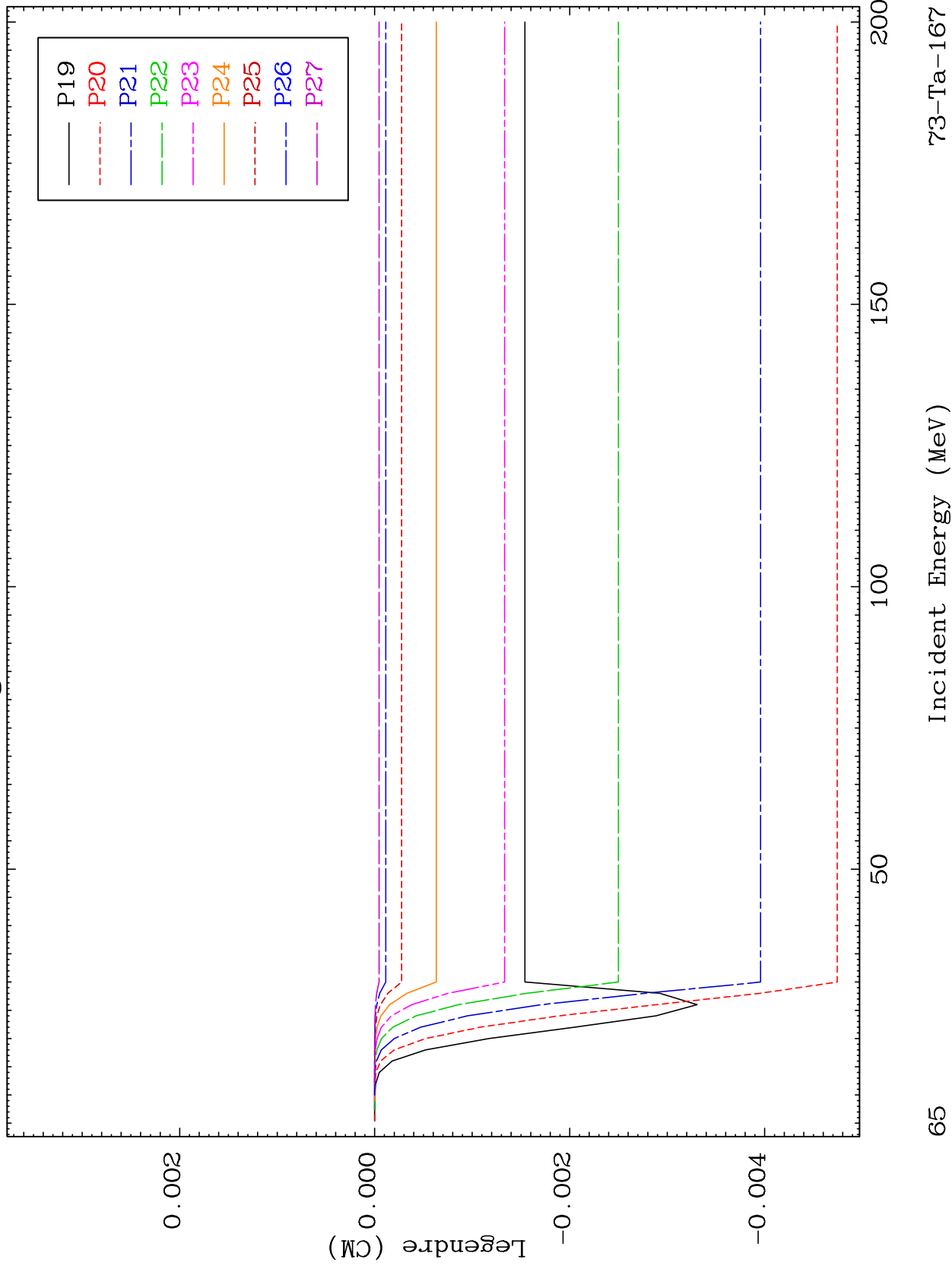
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

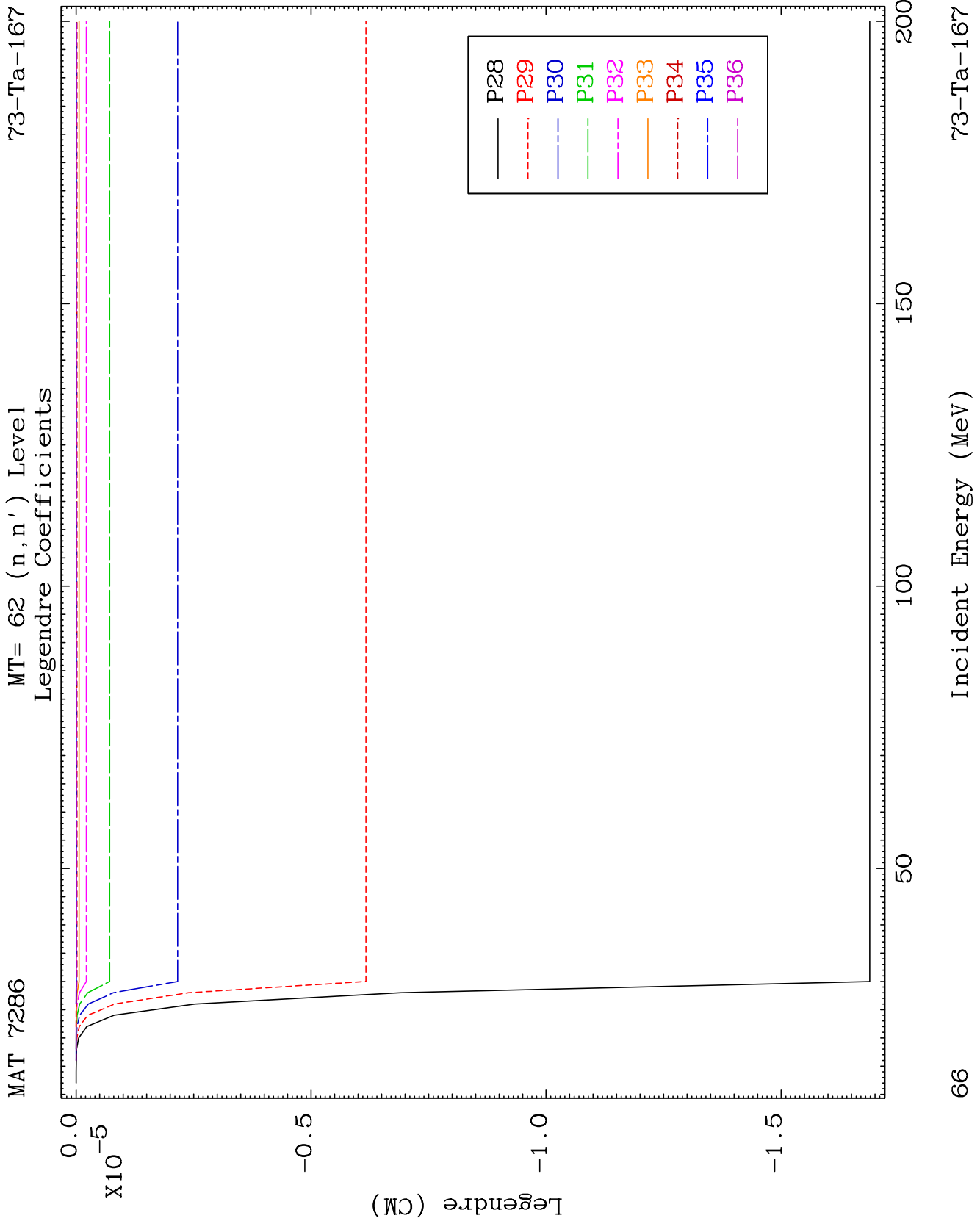
73-Ta-167



65

Incident Energy (MeV)

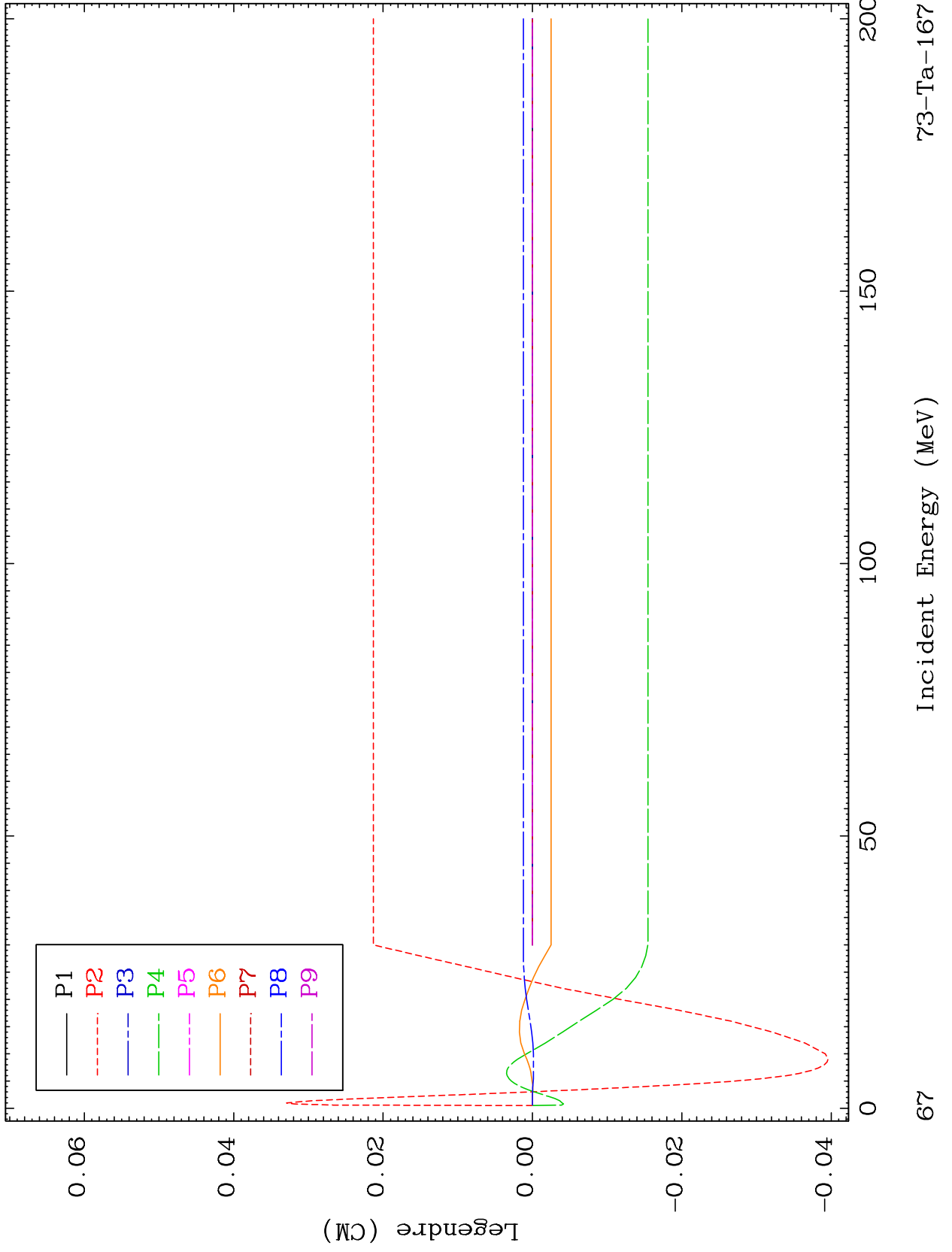
73-Ta-167



MAT 7286

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

73-Ta-167



73-Ta-167

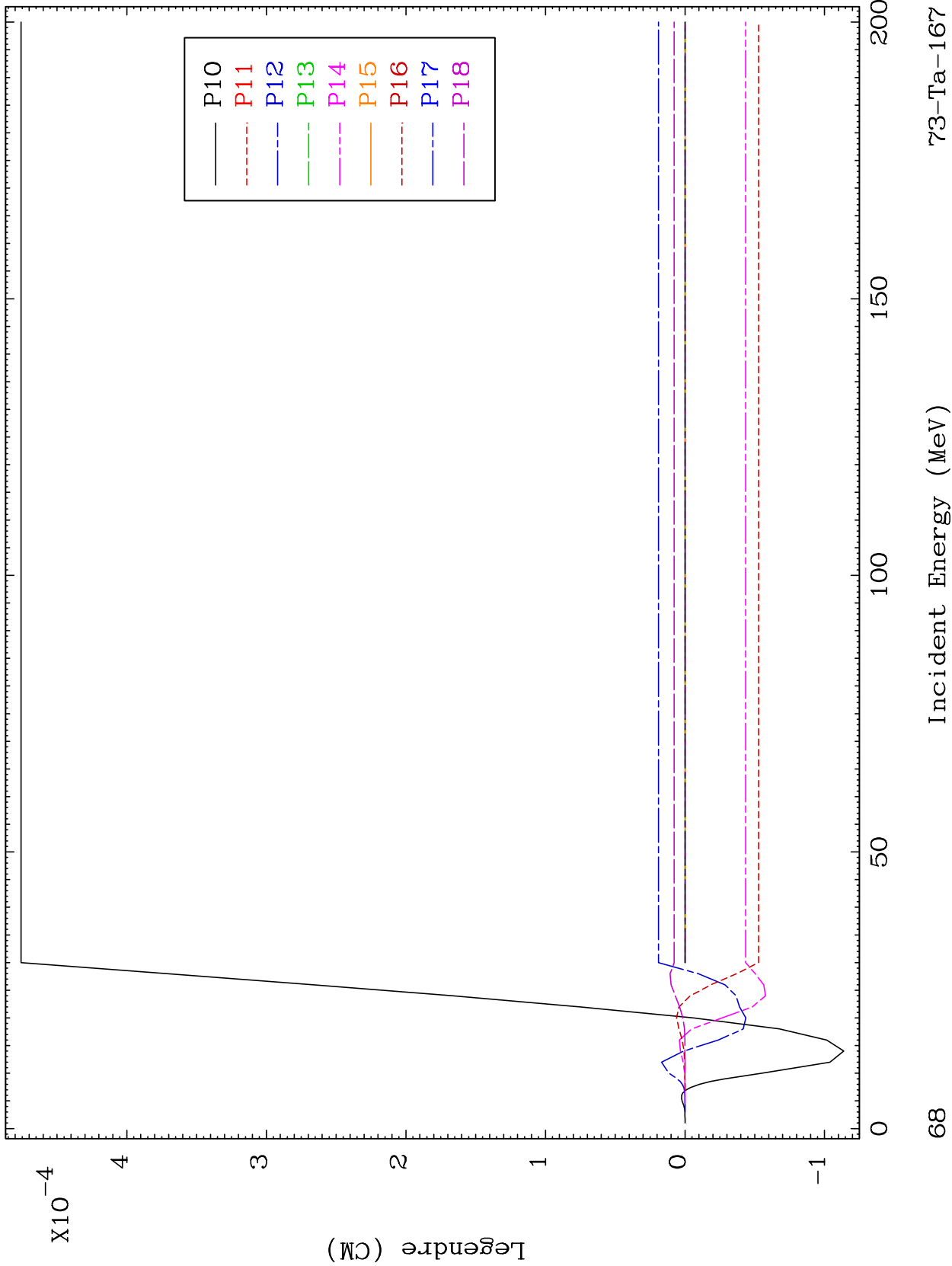
Incident Energy (MeV)

67

MAT 7286

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

73-Ta-167



73-Ta-167

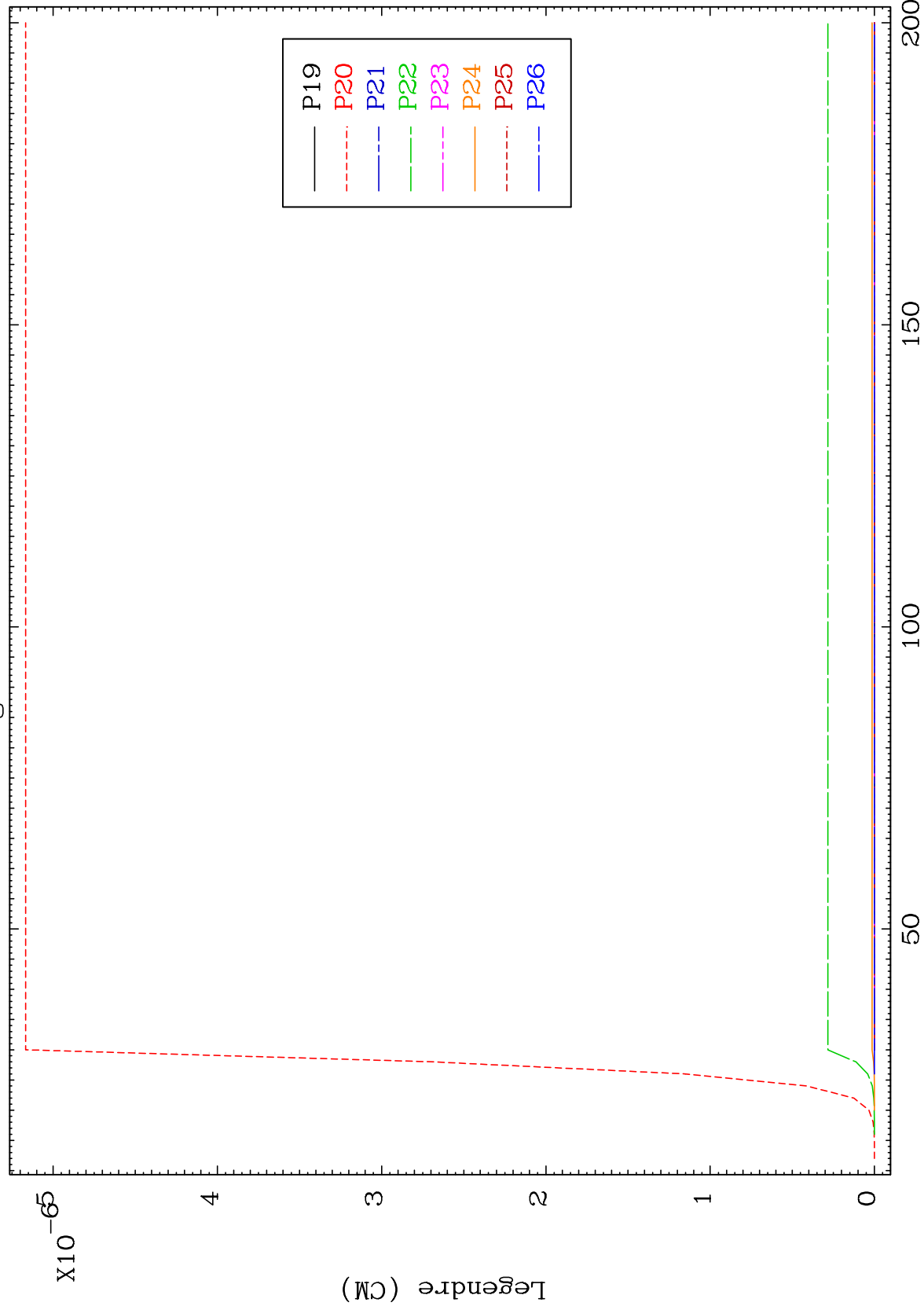
Incident Energy (MeV)

68

MAT 7286

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

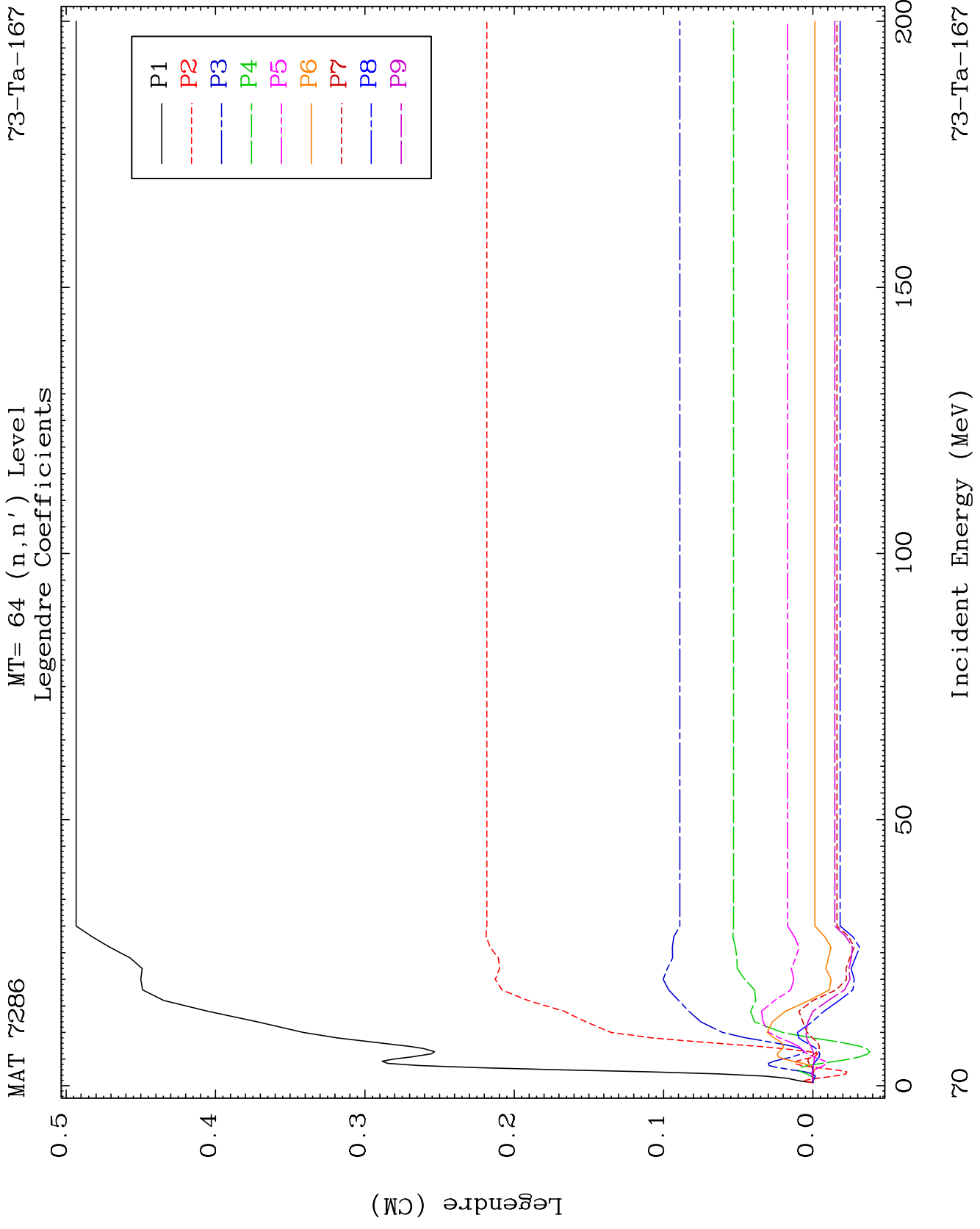
73-Ta-167



69

Incident Energy (MeV)

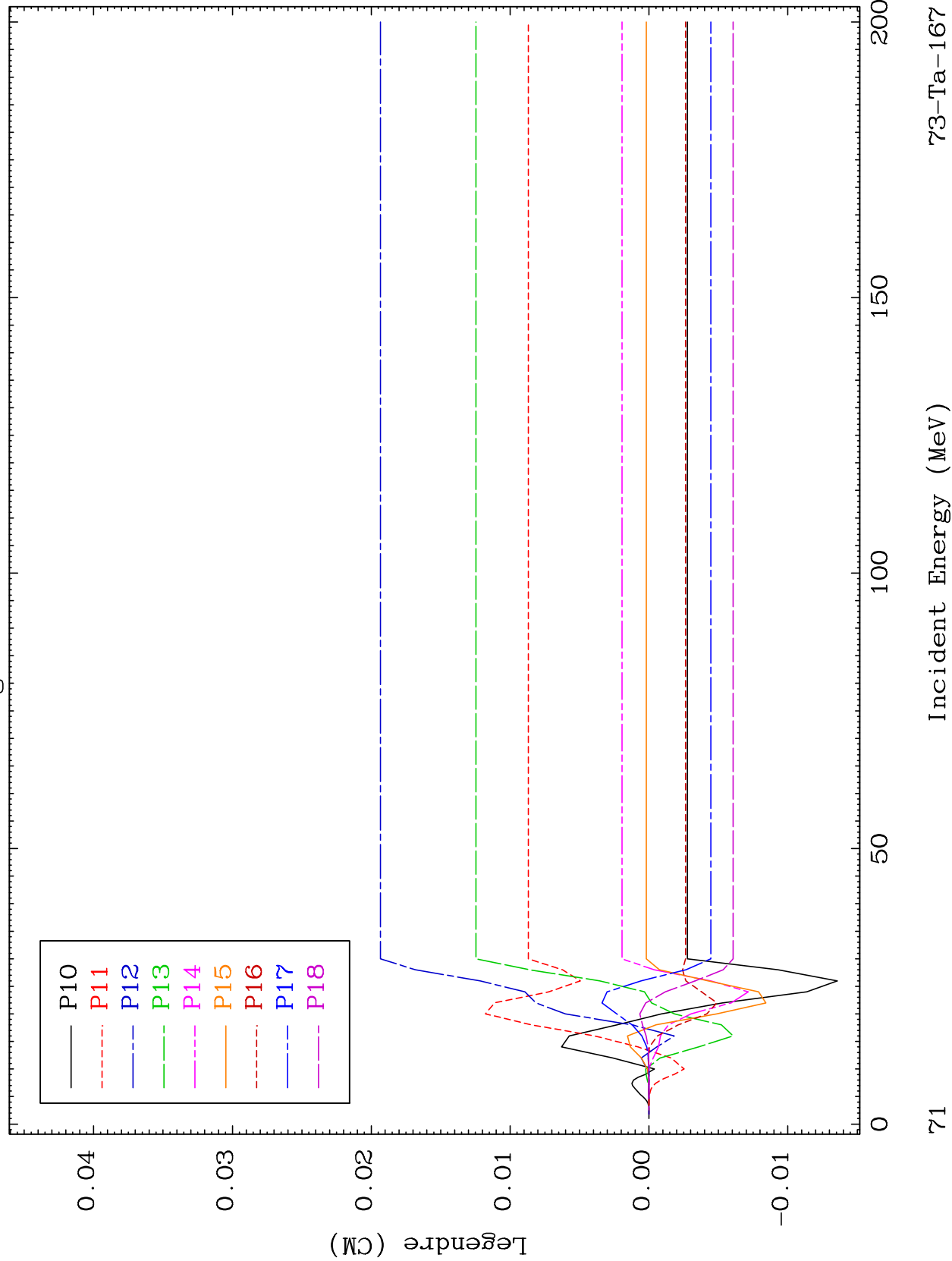
73-Ta-167



MAT 7286

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

73-Ta-167

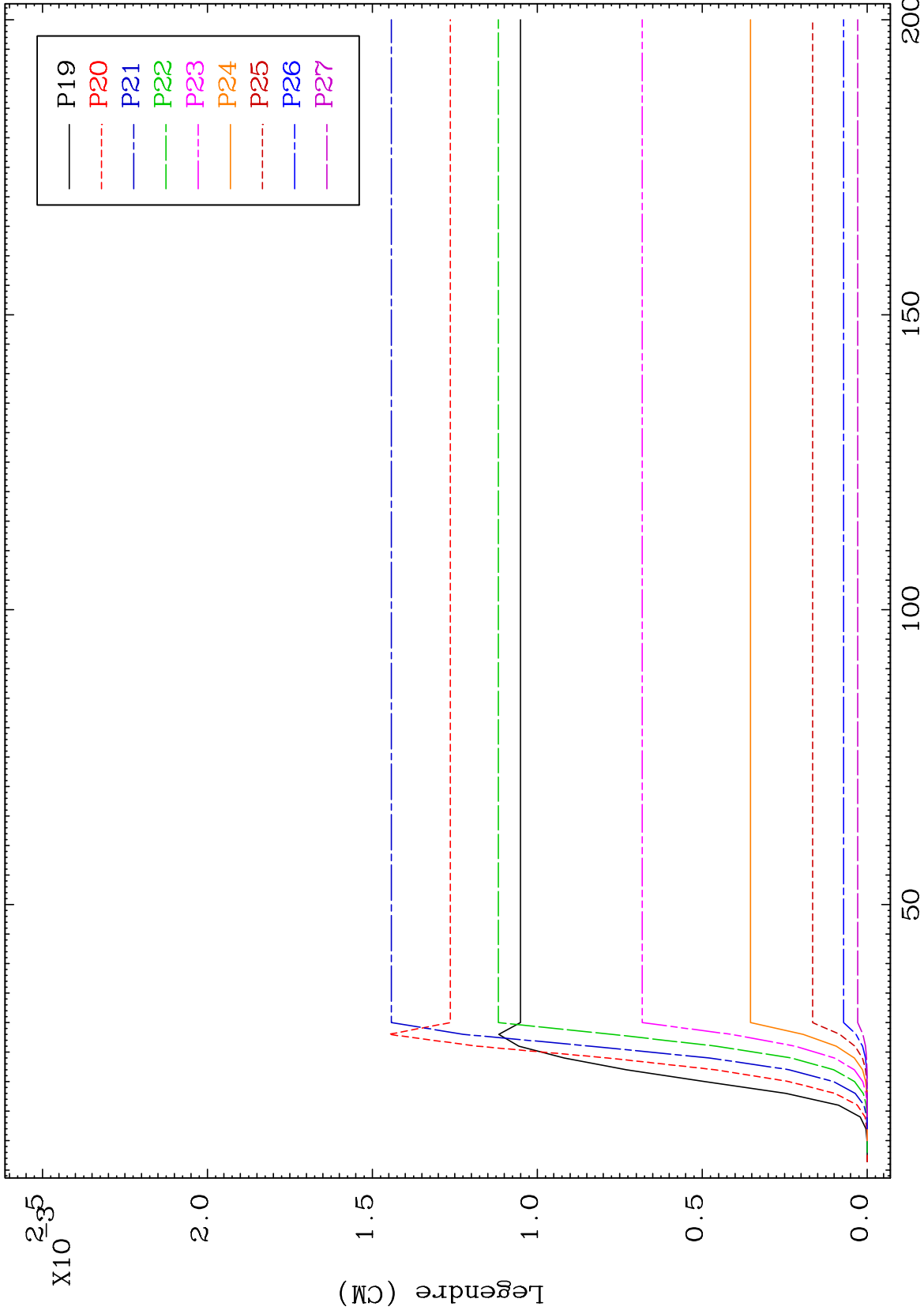


71

MAT 7286

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

73-Ta-167



72

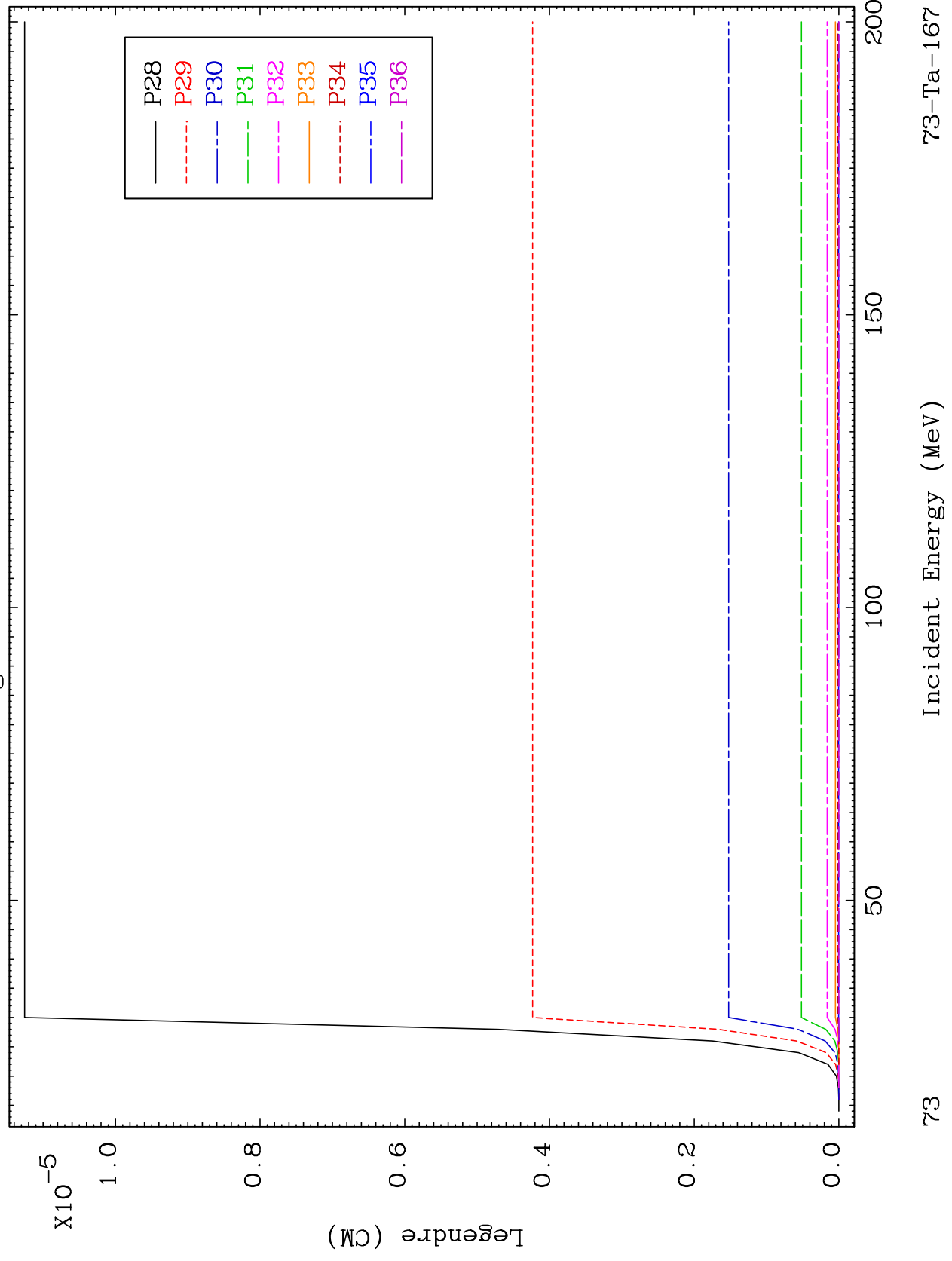
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

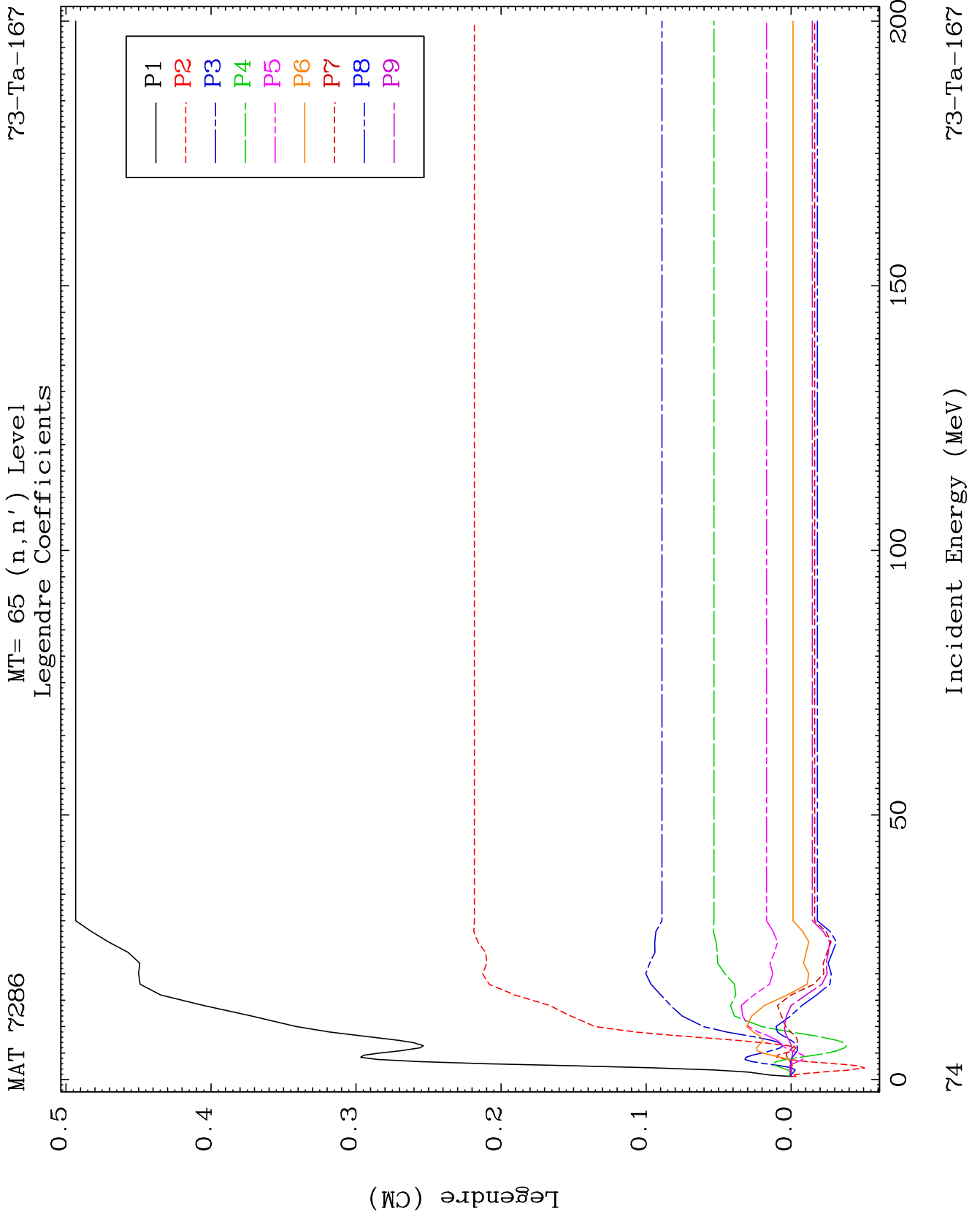
73-Ta-167



73-Ta-167

Incident Energy (MeV)

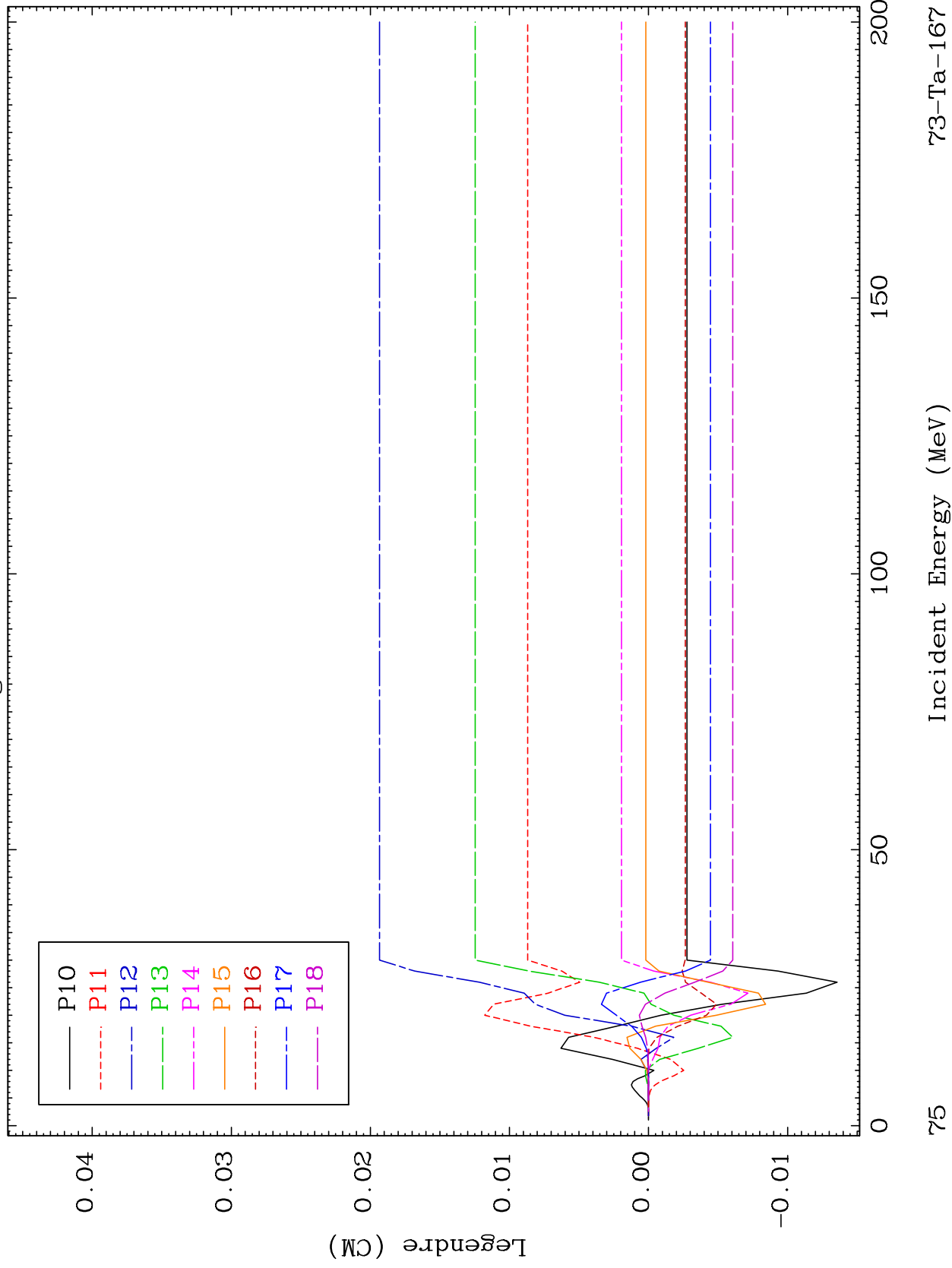
73



MAT 7286

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

73-Ta-167



73-Ta-167

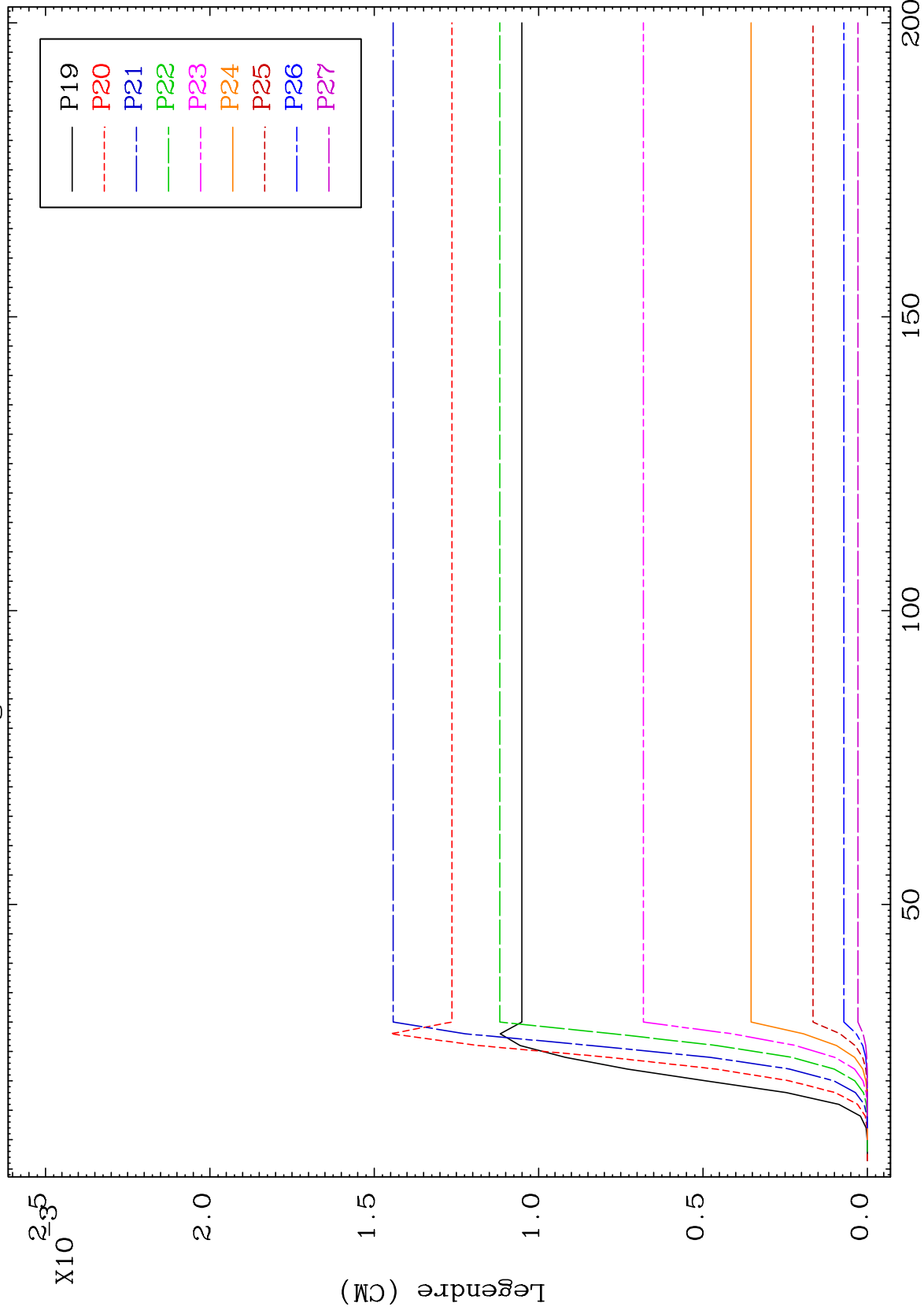
Incident Energy (MeV)

75

MAT 7286

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

73-Ta-167



76

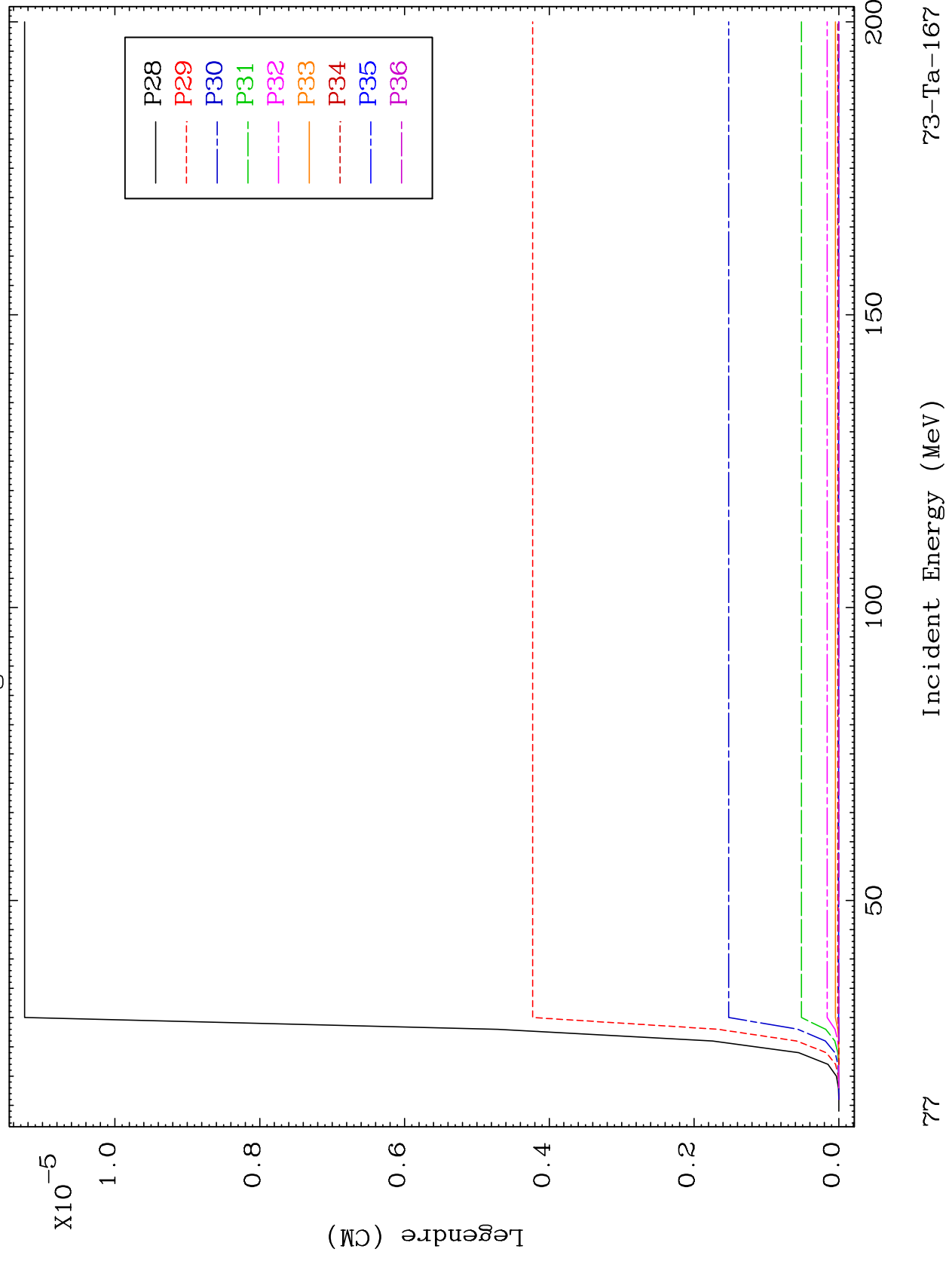
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



73-Ta-167

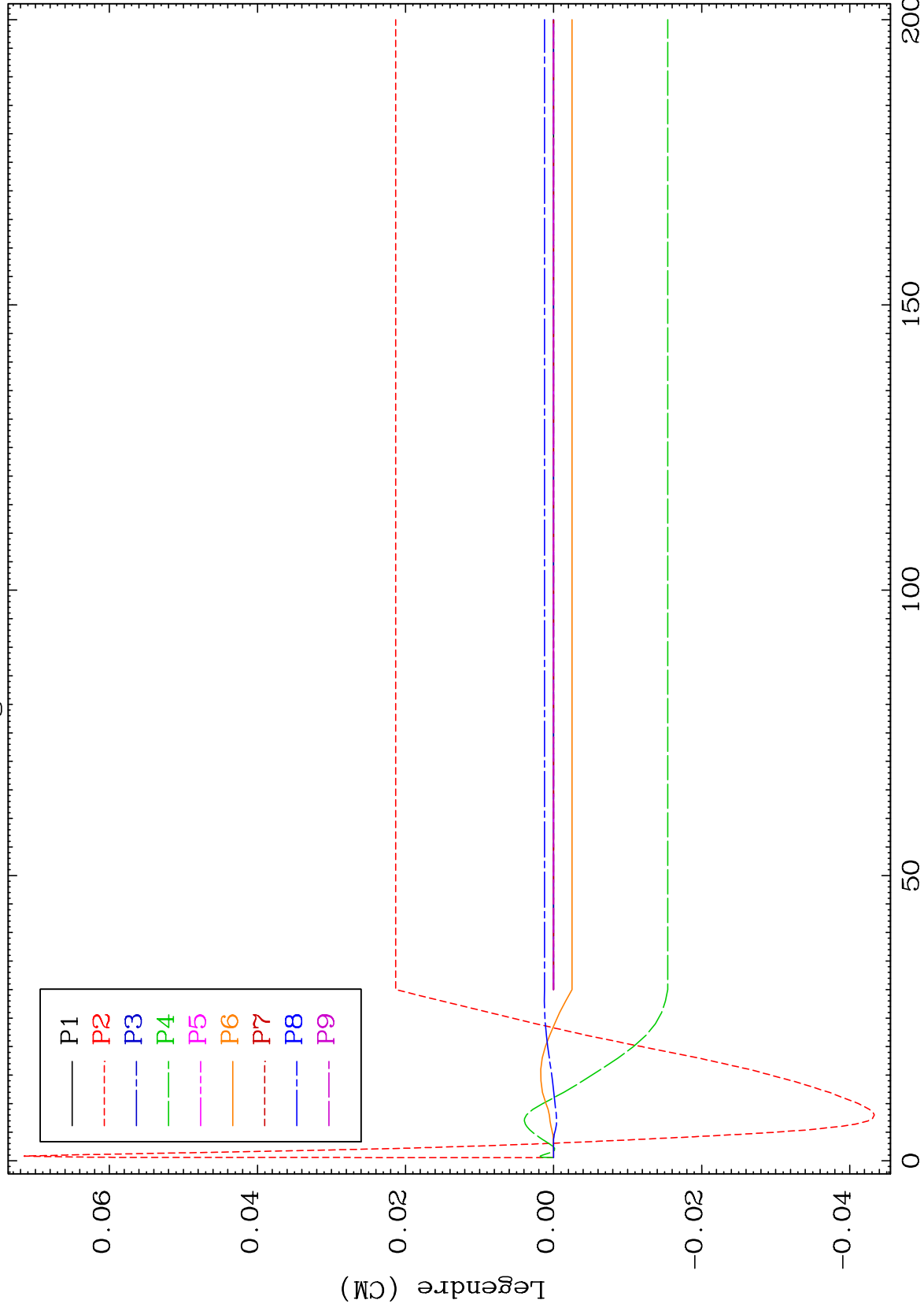
Incident Energy (MeV)

77

MAT 7286

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

73-Ta-167



78

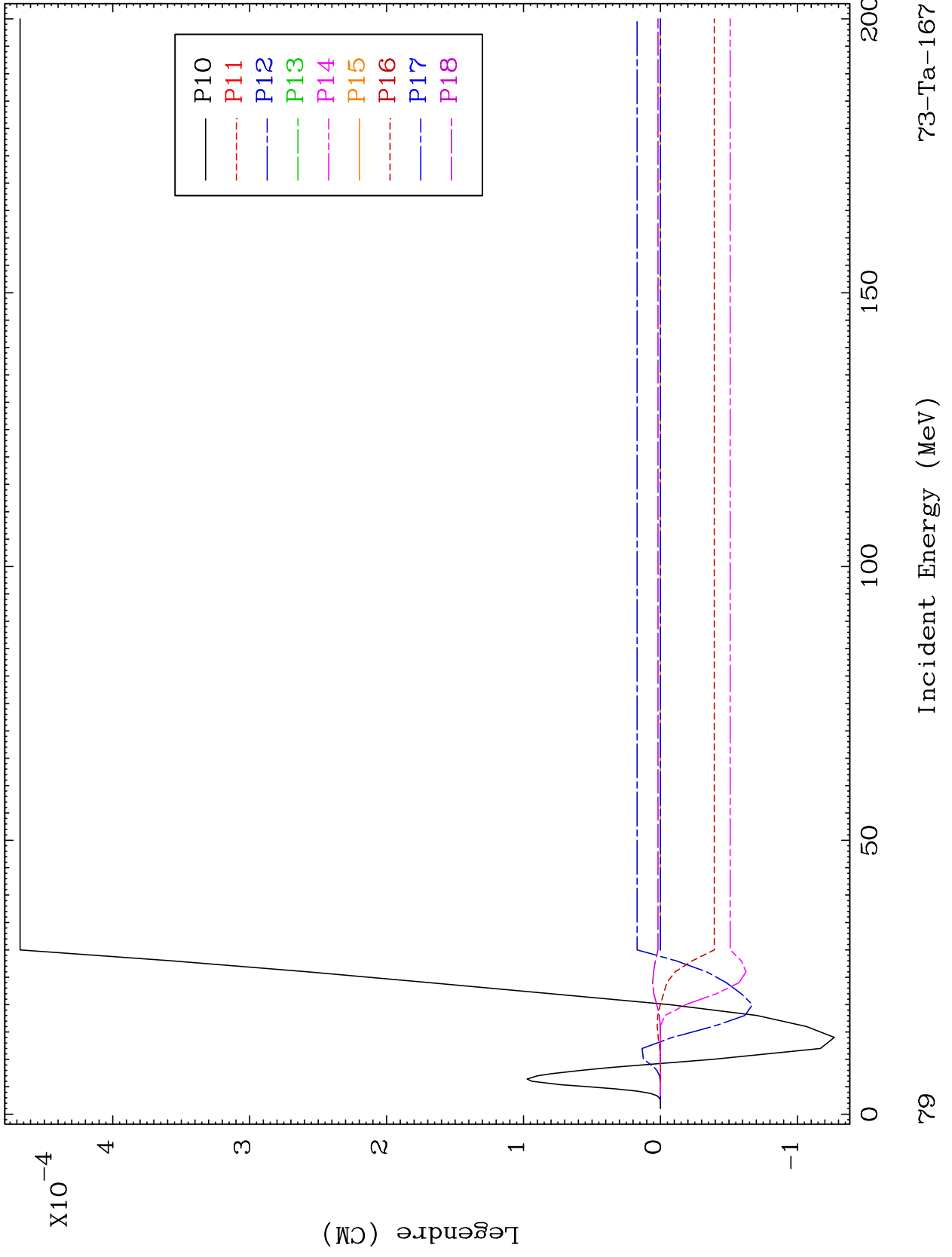
Incident Energy (MeV)

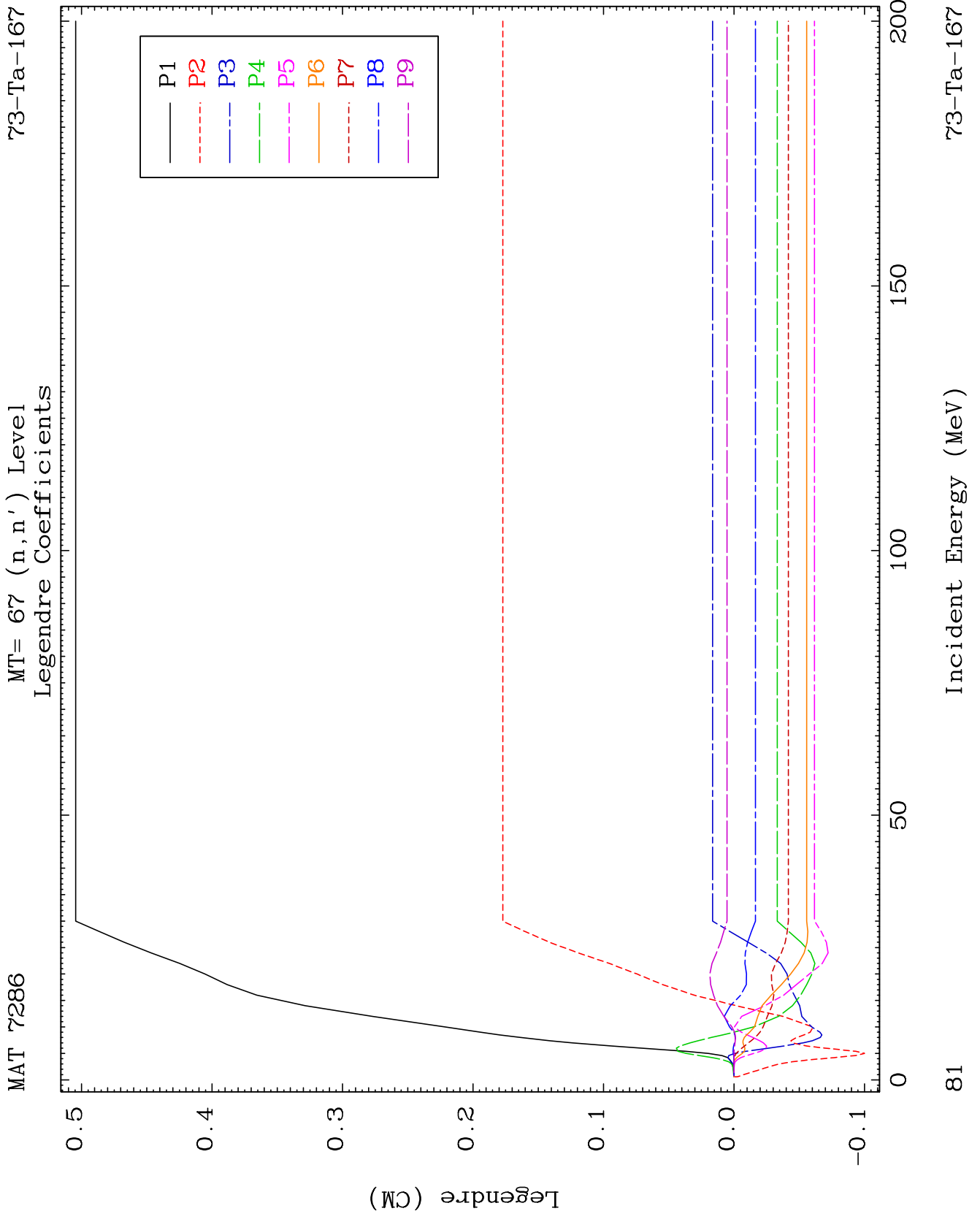
73-Ta-167

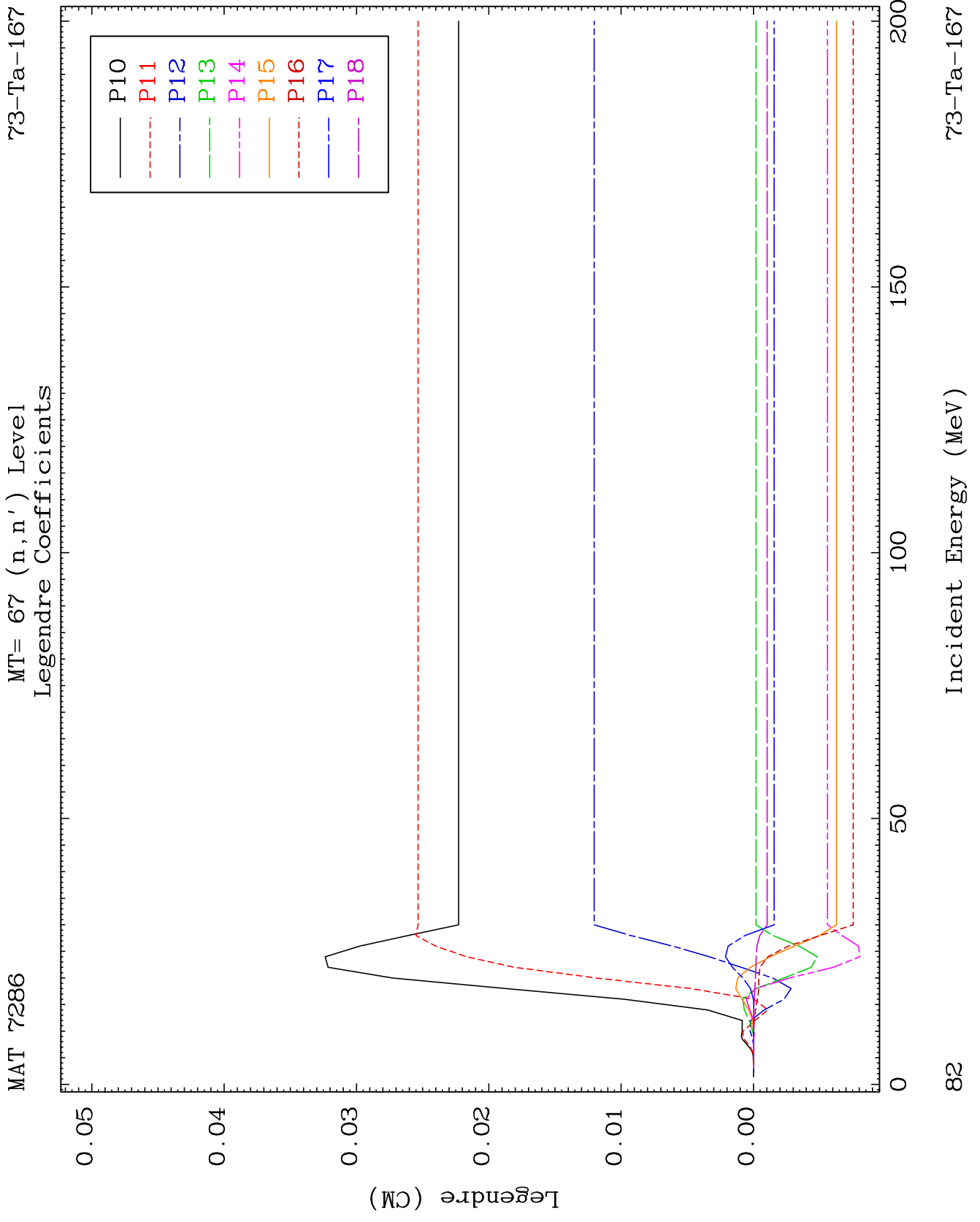
MAT 7286

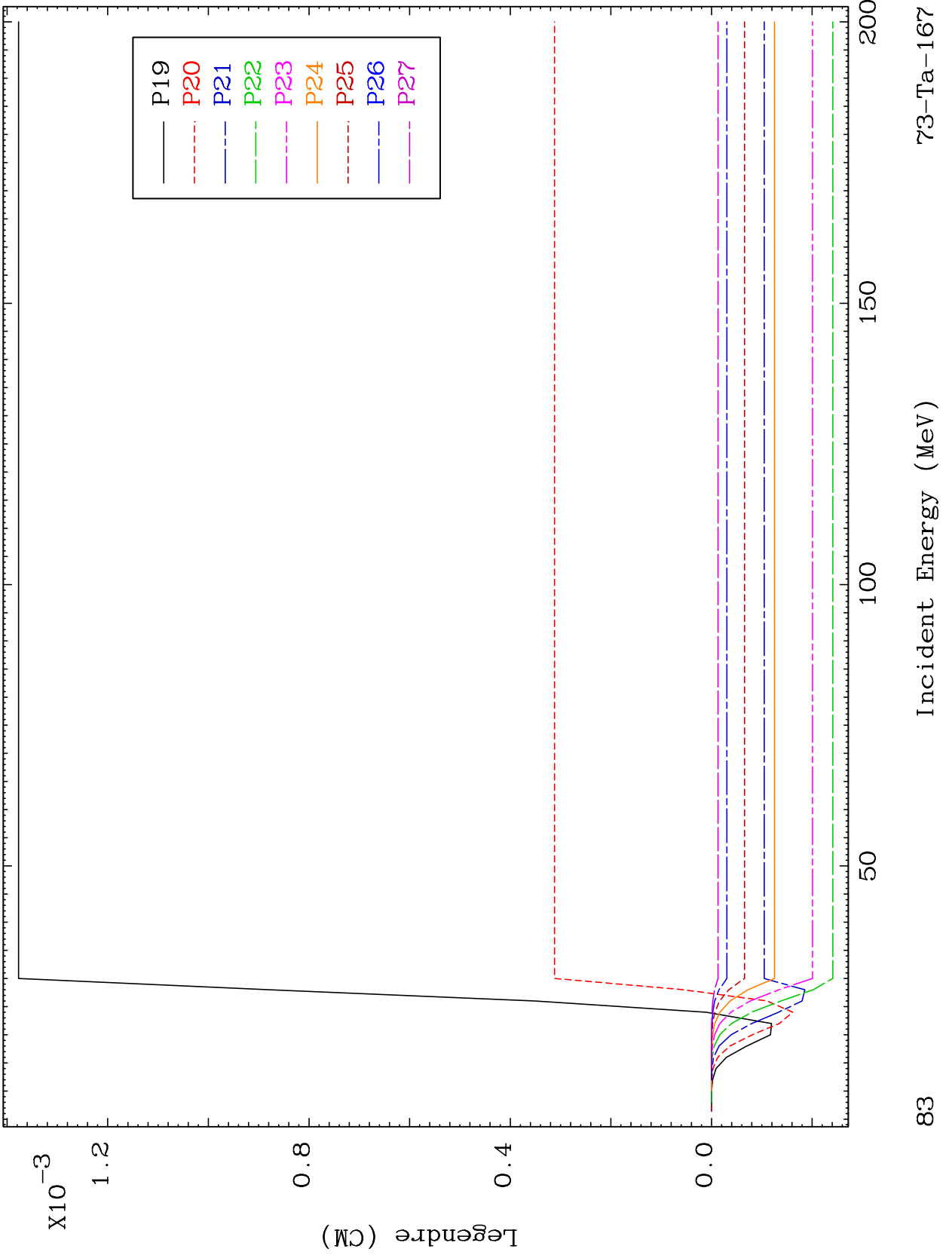
MT= 66 (n,n') Level
Legendre Coefficients

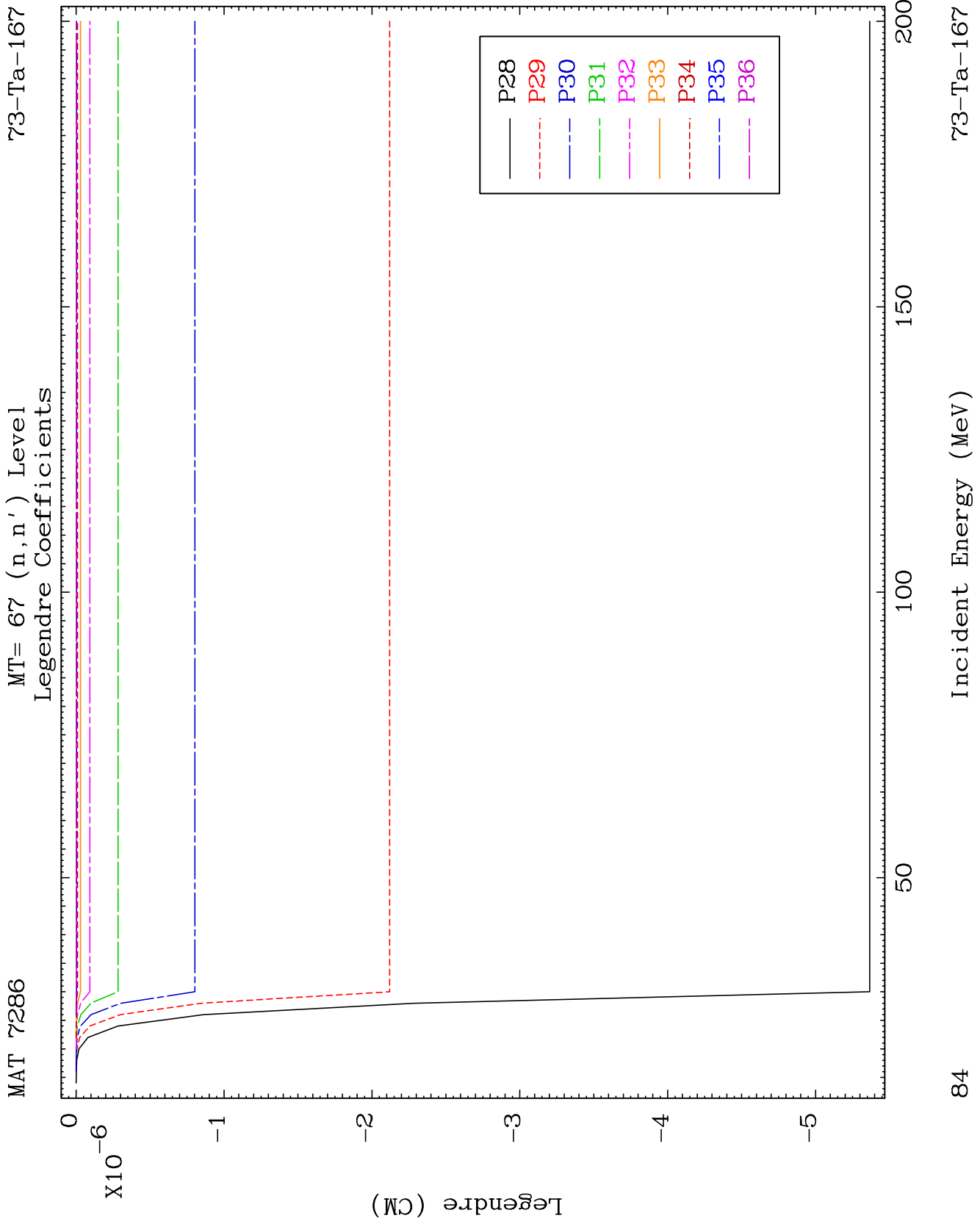
73-Ta-167

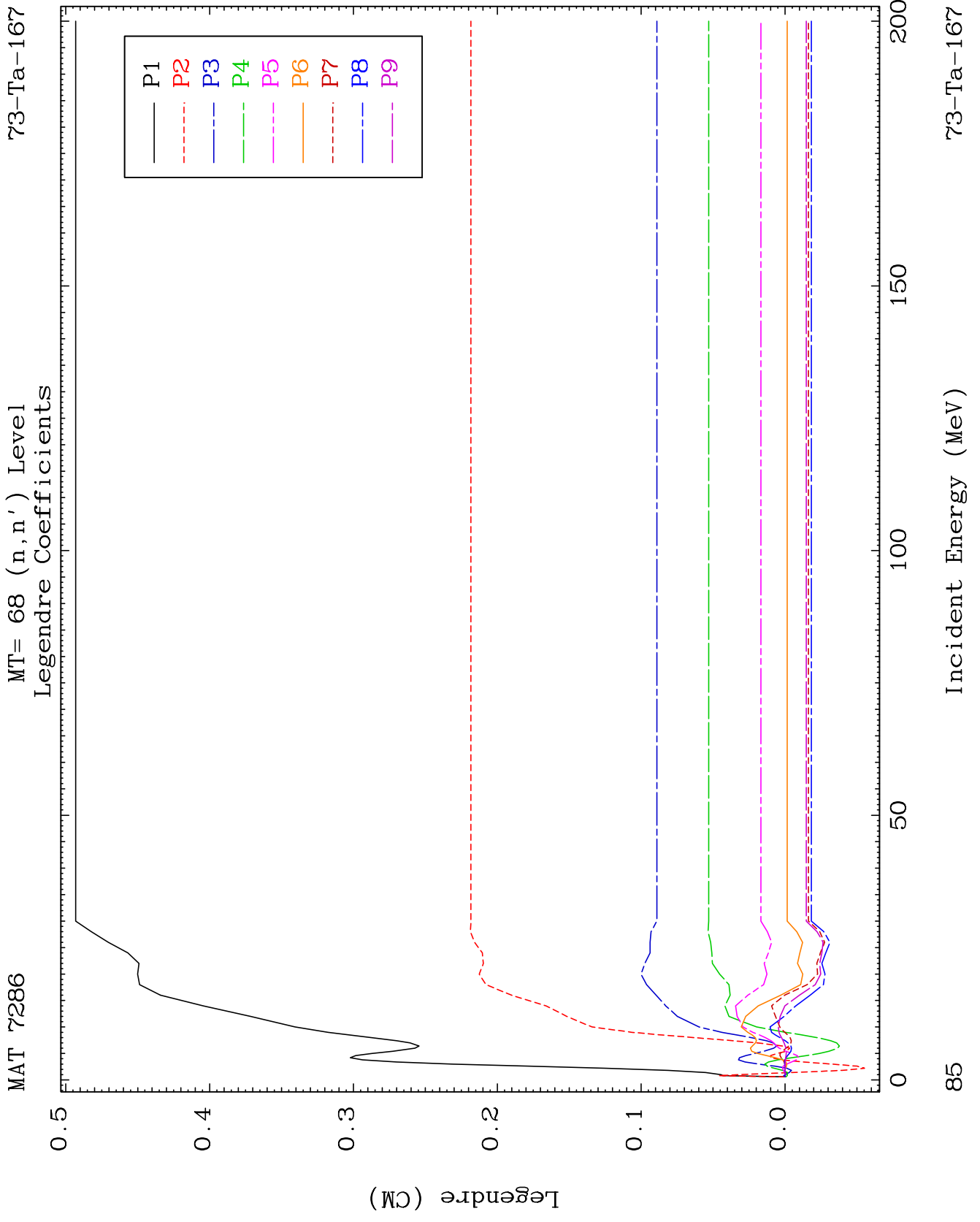








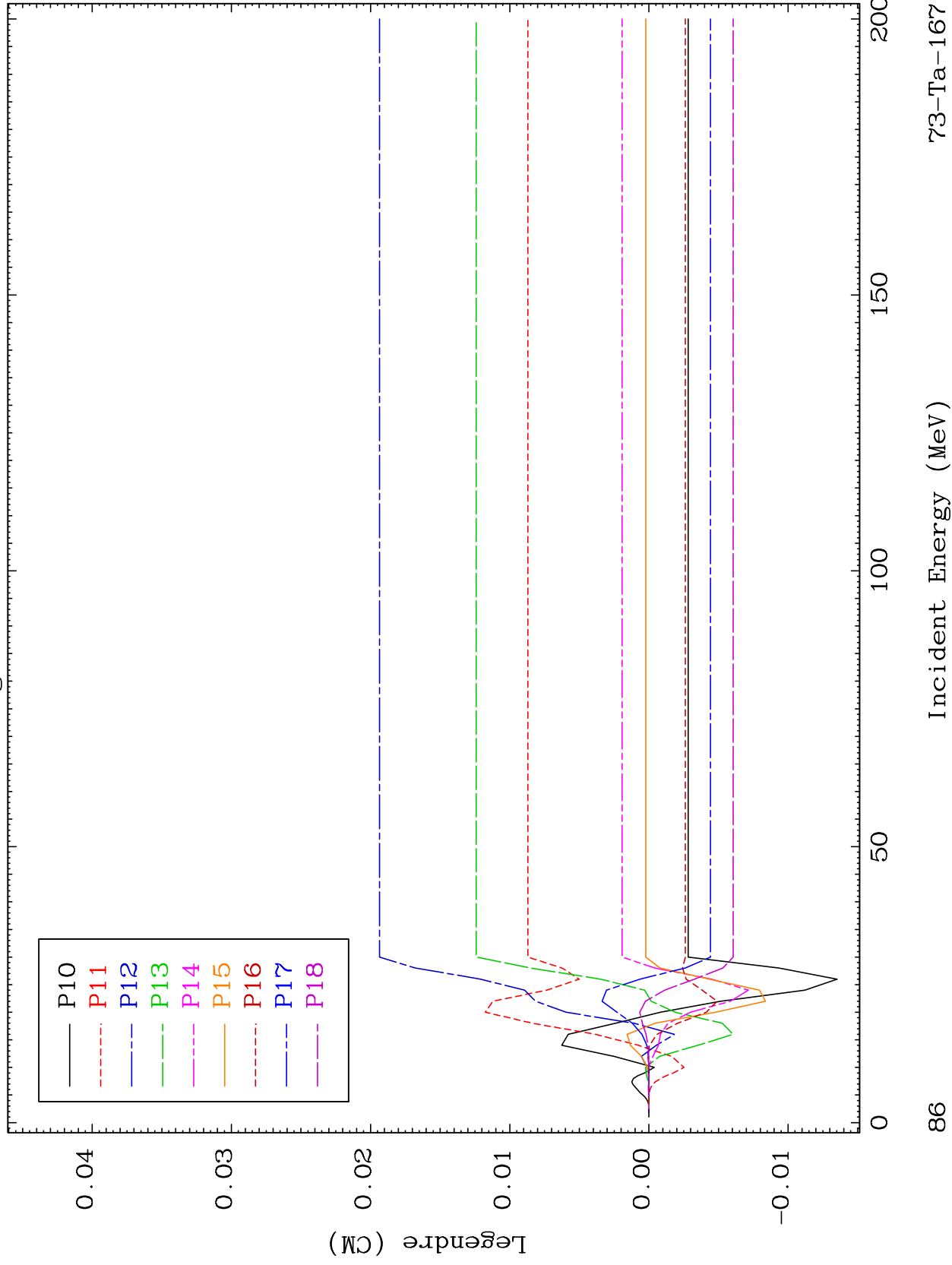




MAT 7286

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

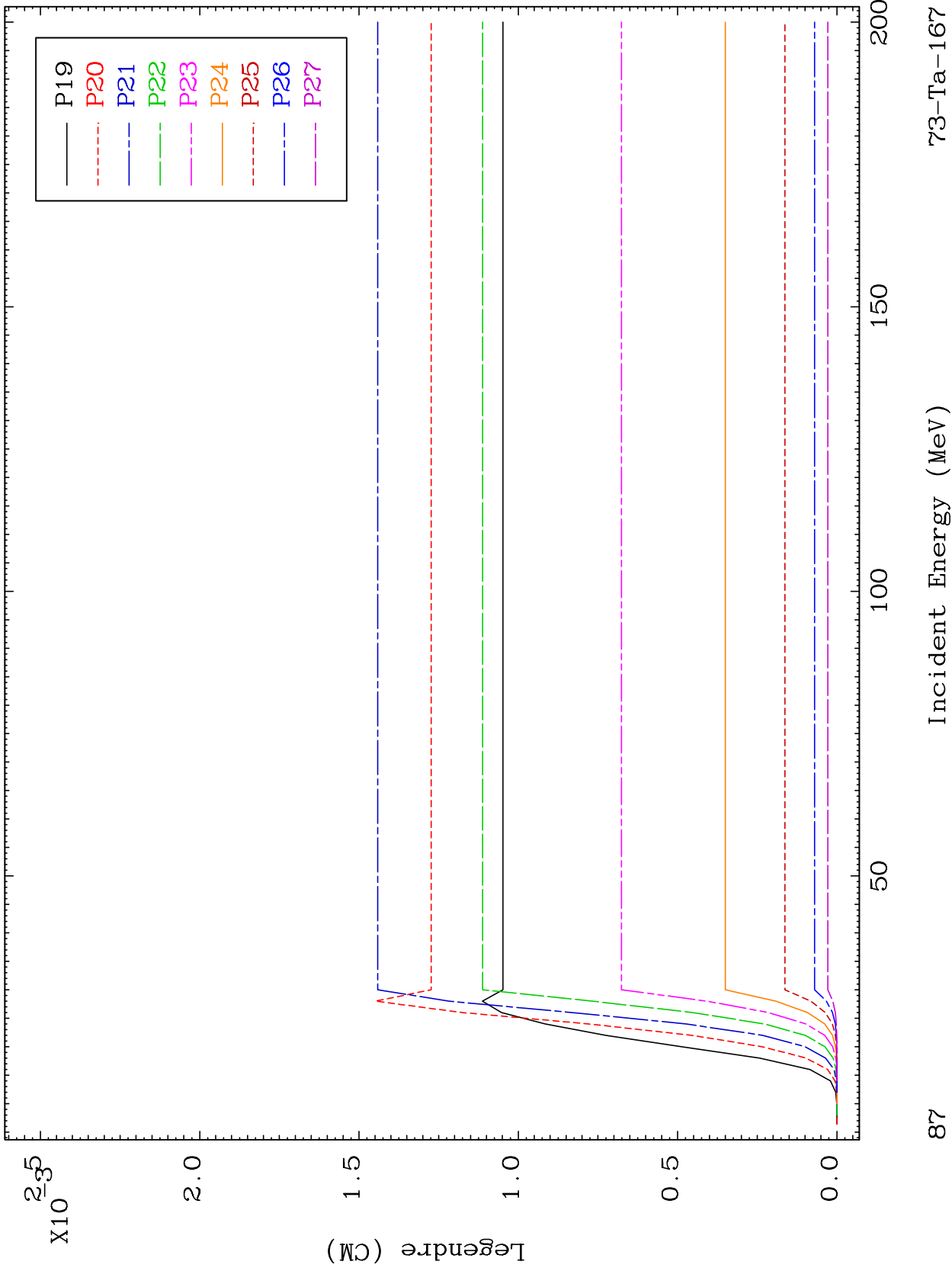
73-Ta-167



86

Incident Energy (MeV)

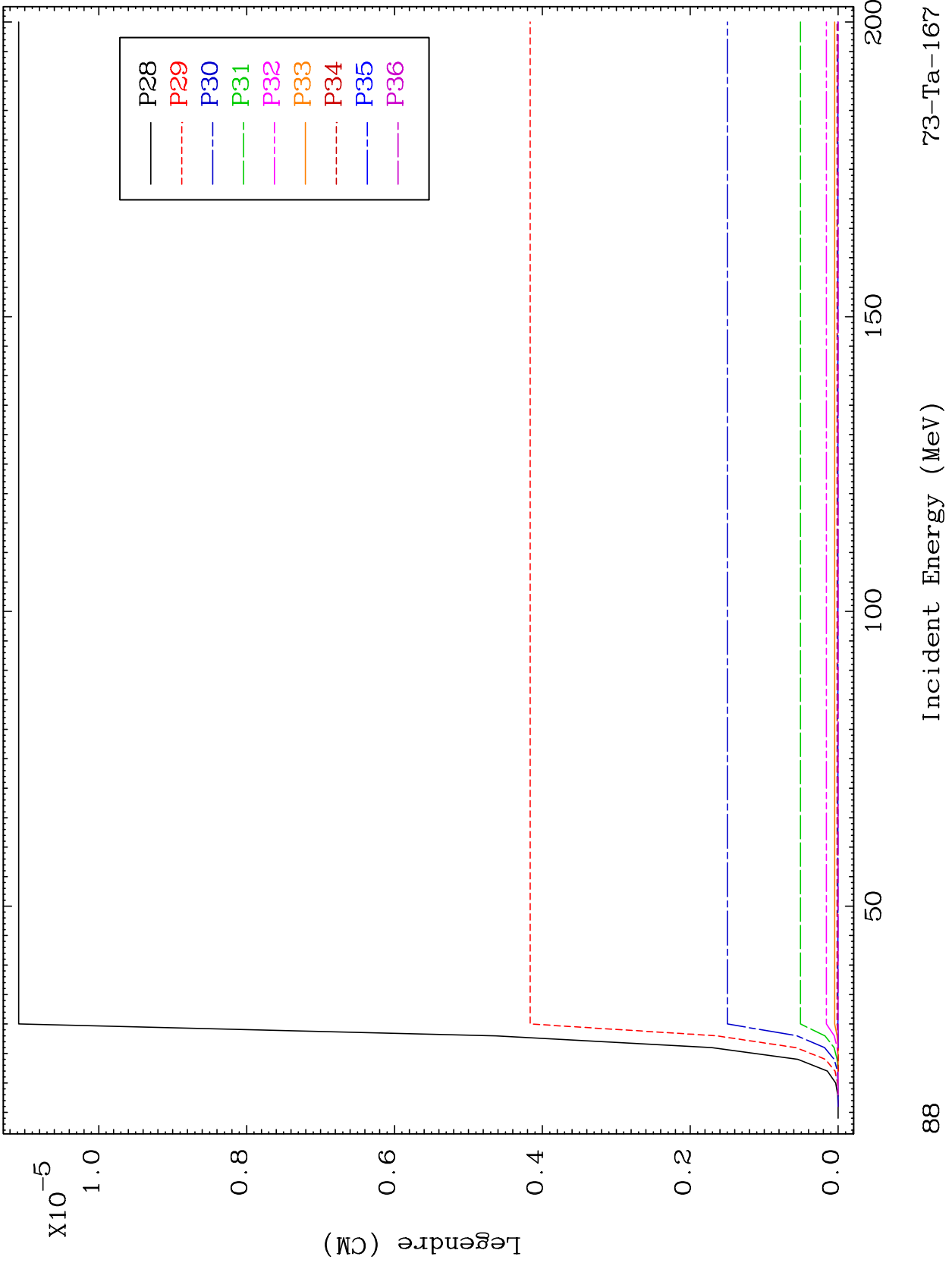
73-Ta-167



MAT 7286

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

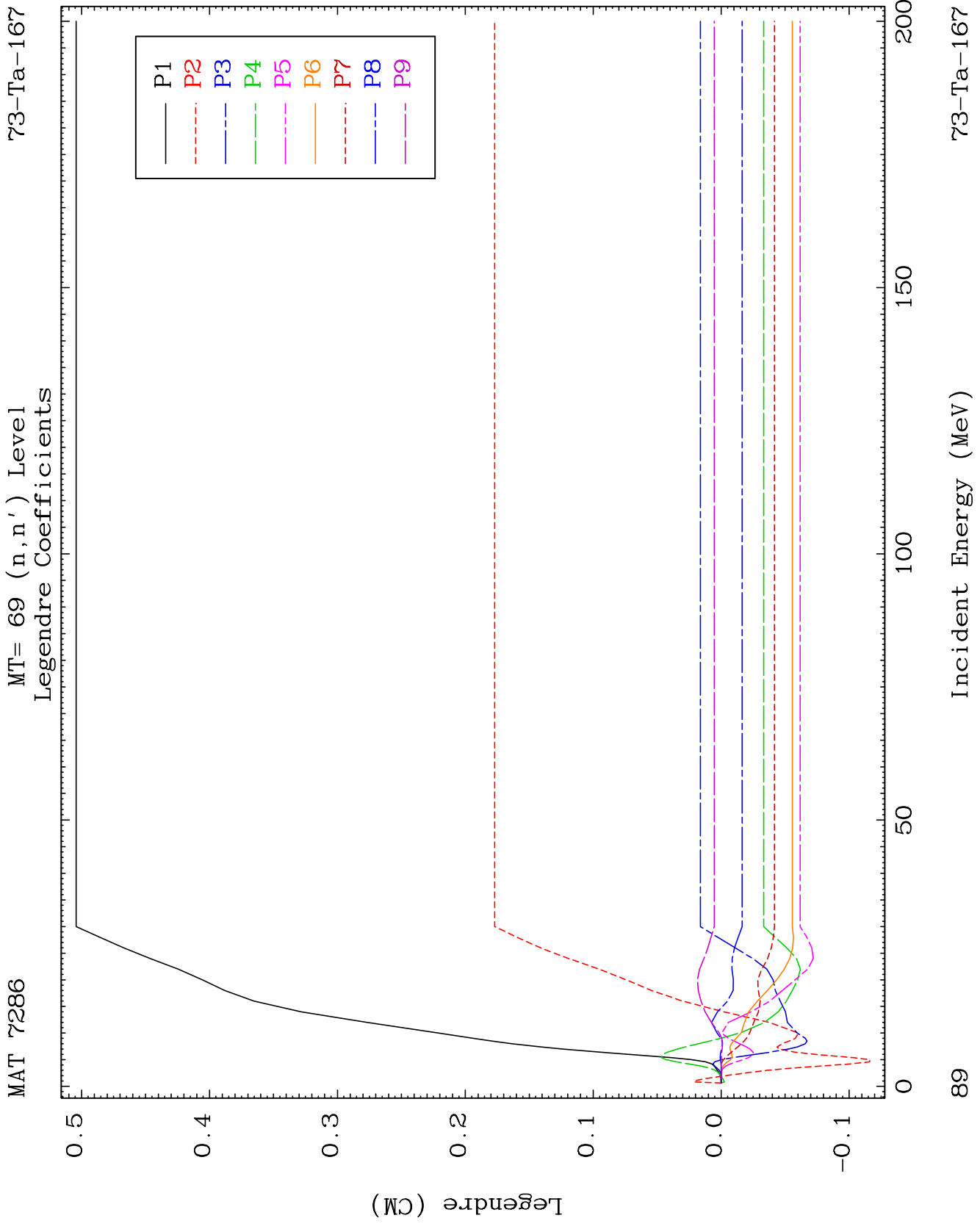
73-Ta-167



73-Ta-167

Incident Energy (MeV)

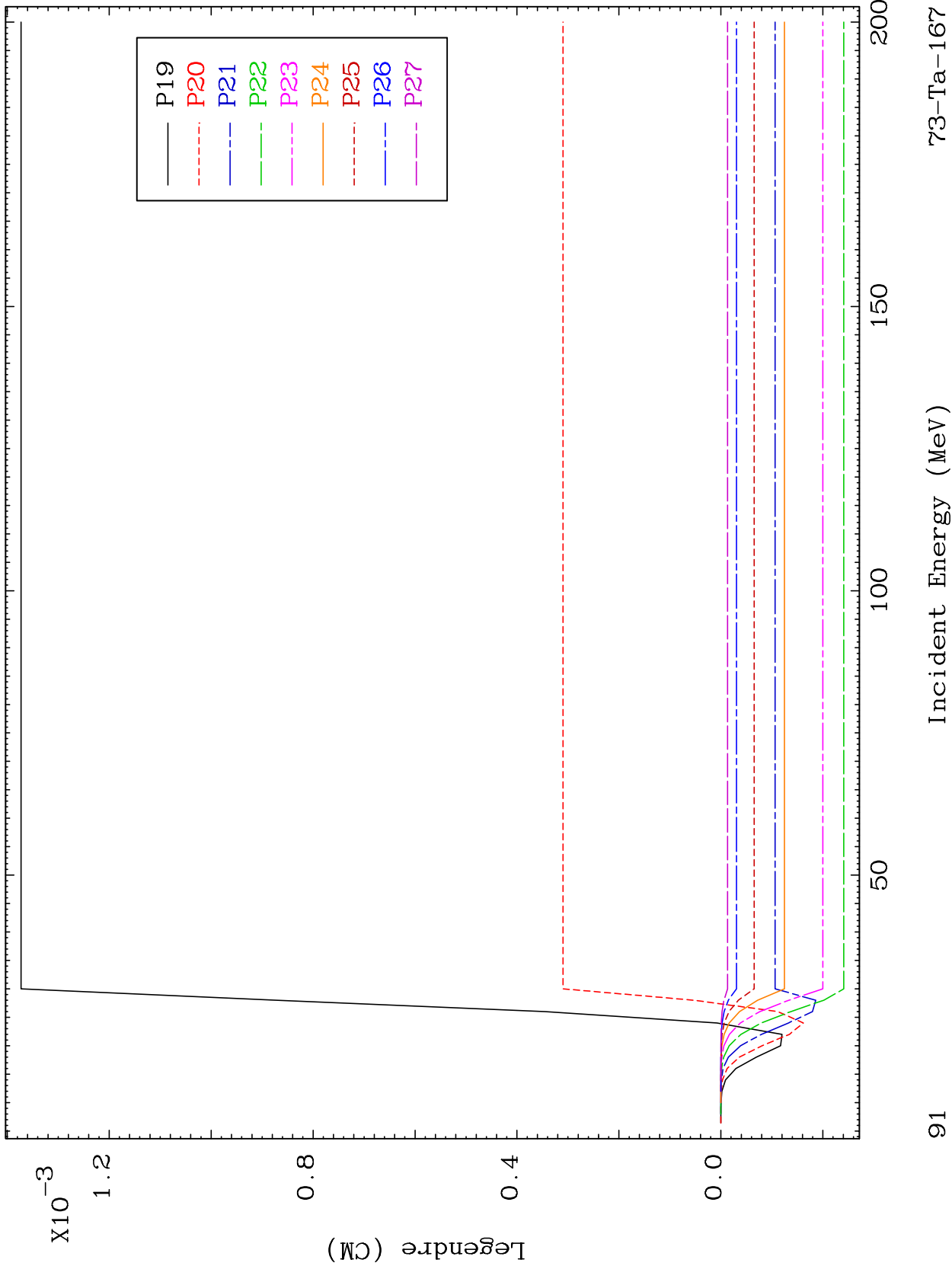
88

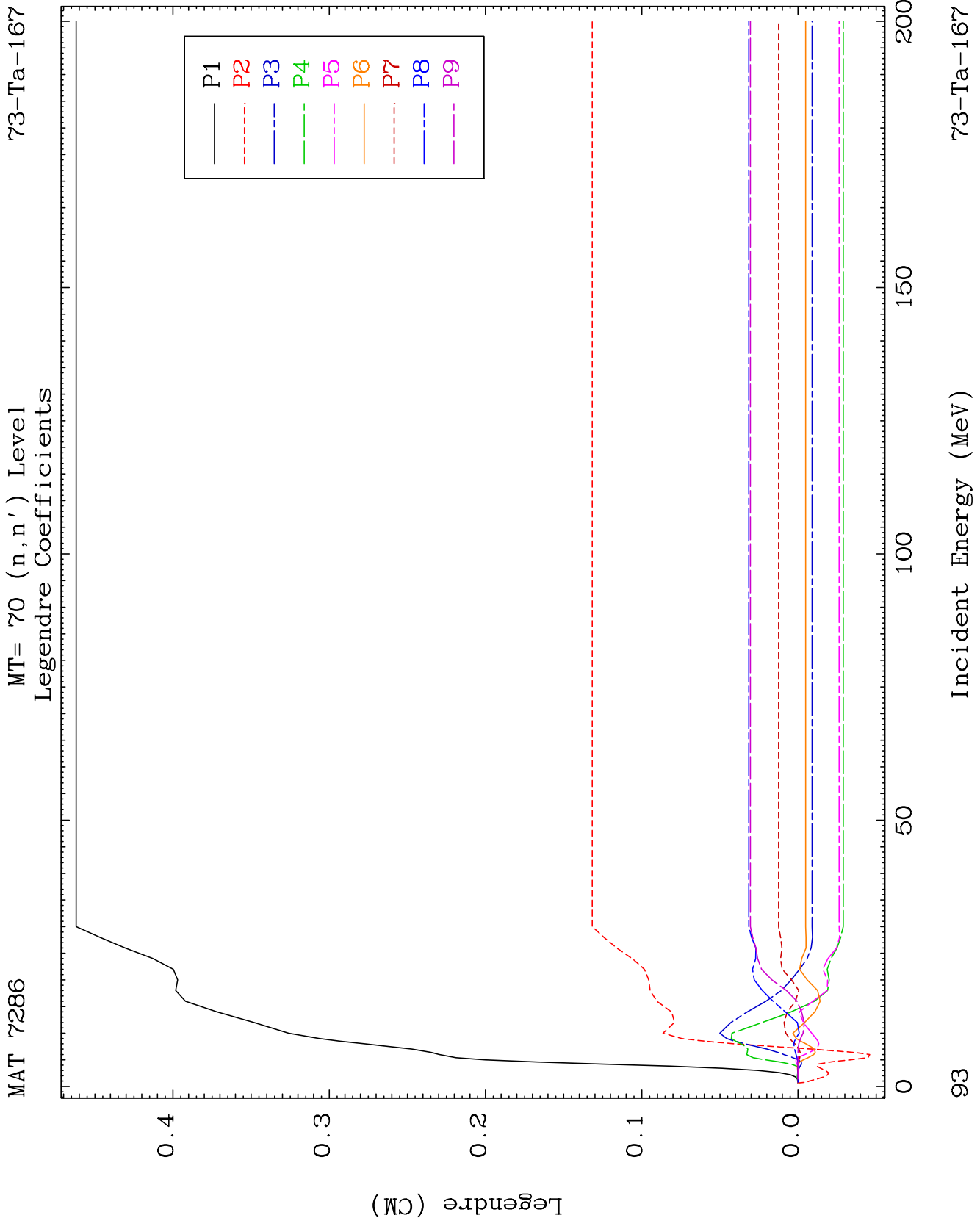


MAT 7286

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

73-Ta-167

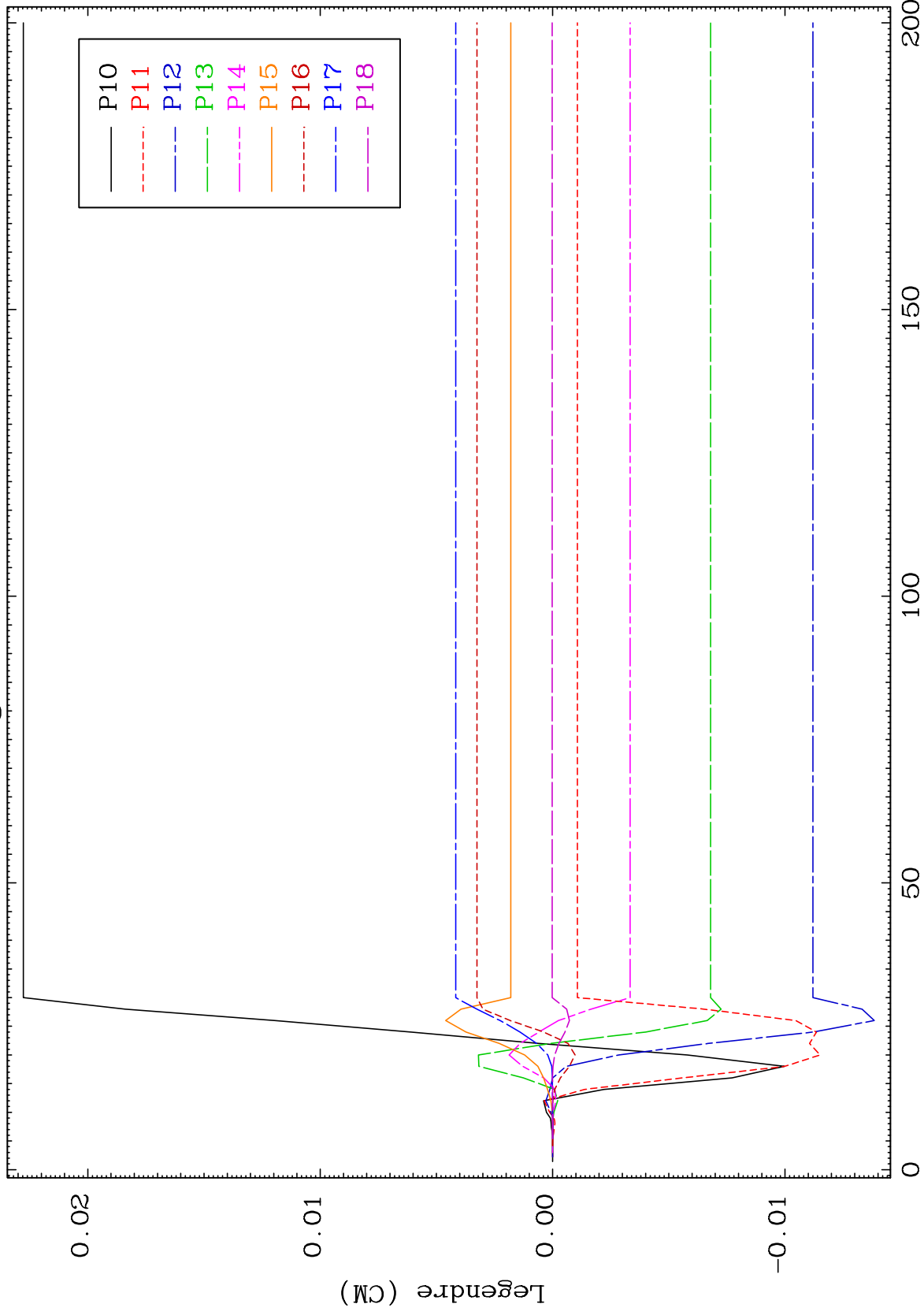




MAT 7286

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

73-Ta-167



94

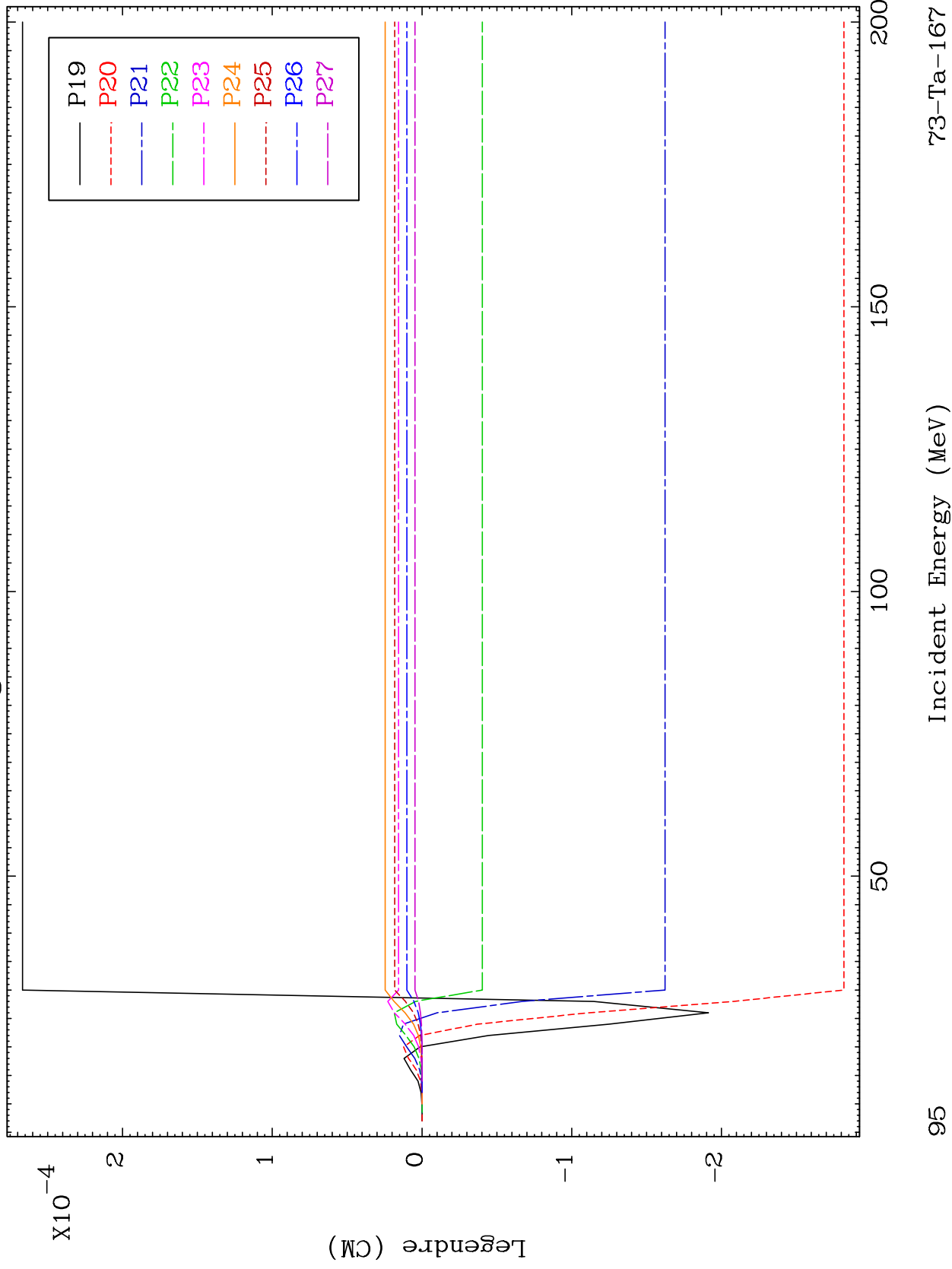
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

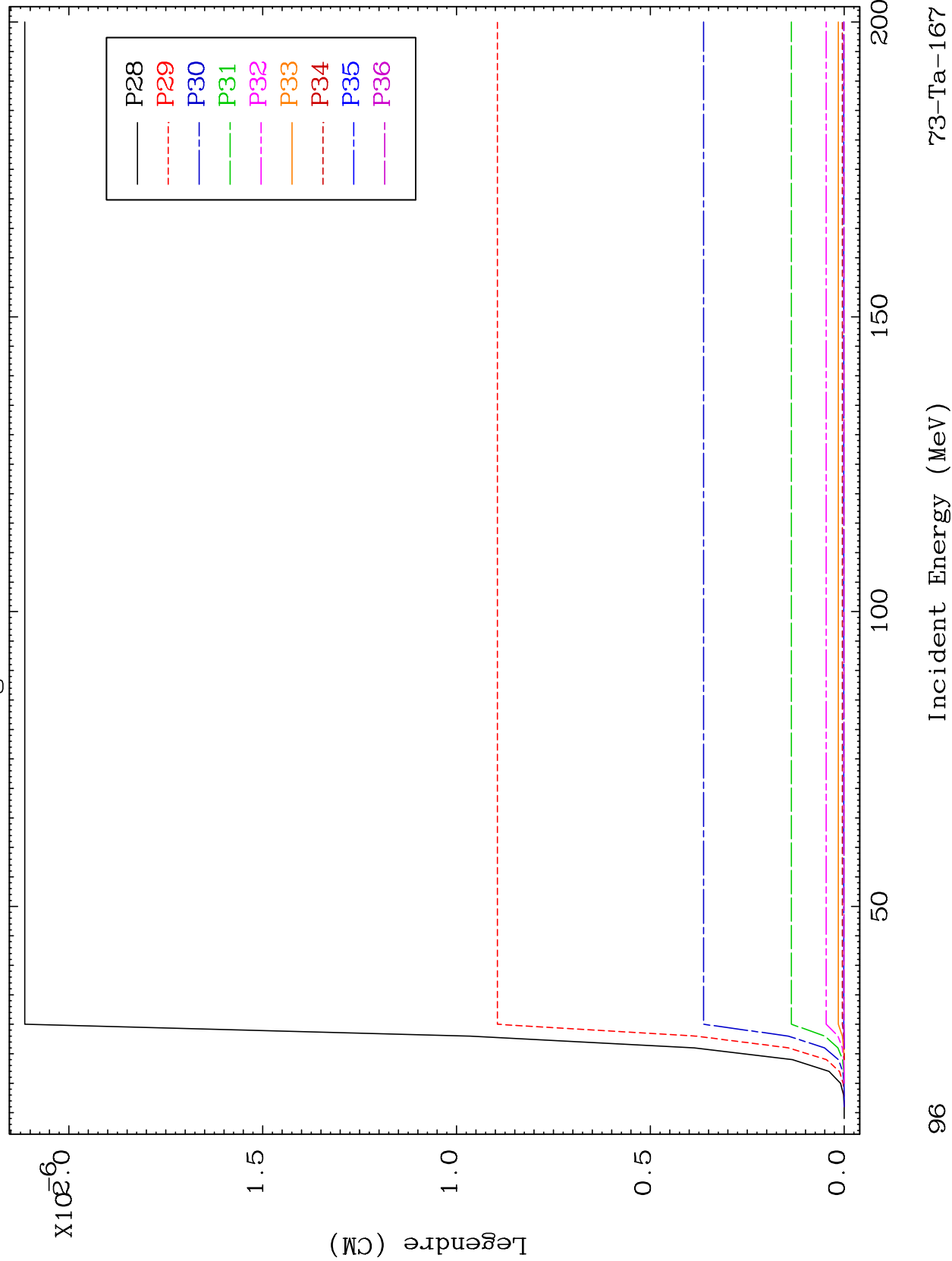
73-Ta-167



MAT 7286

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

73-Ta-167



96

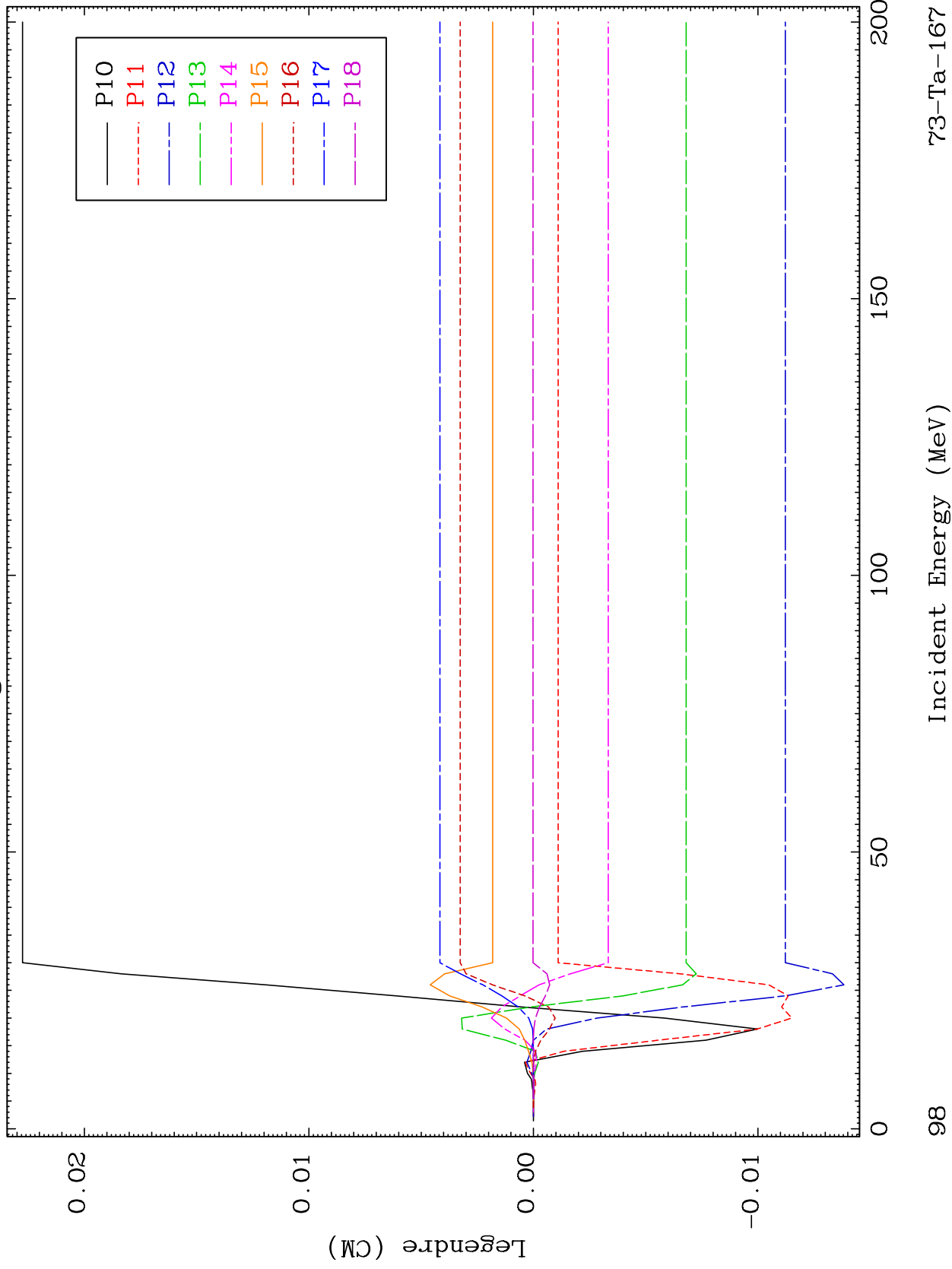
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

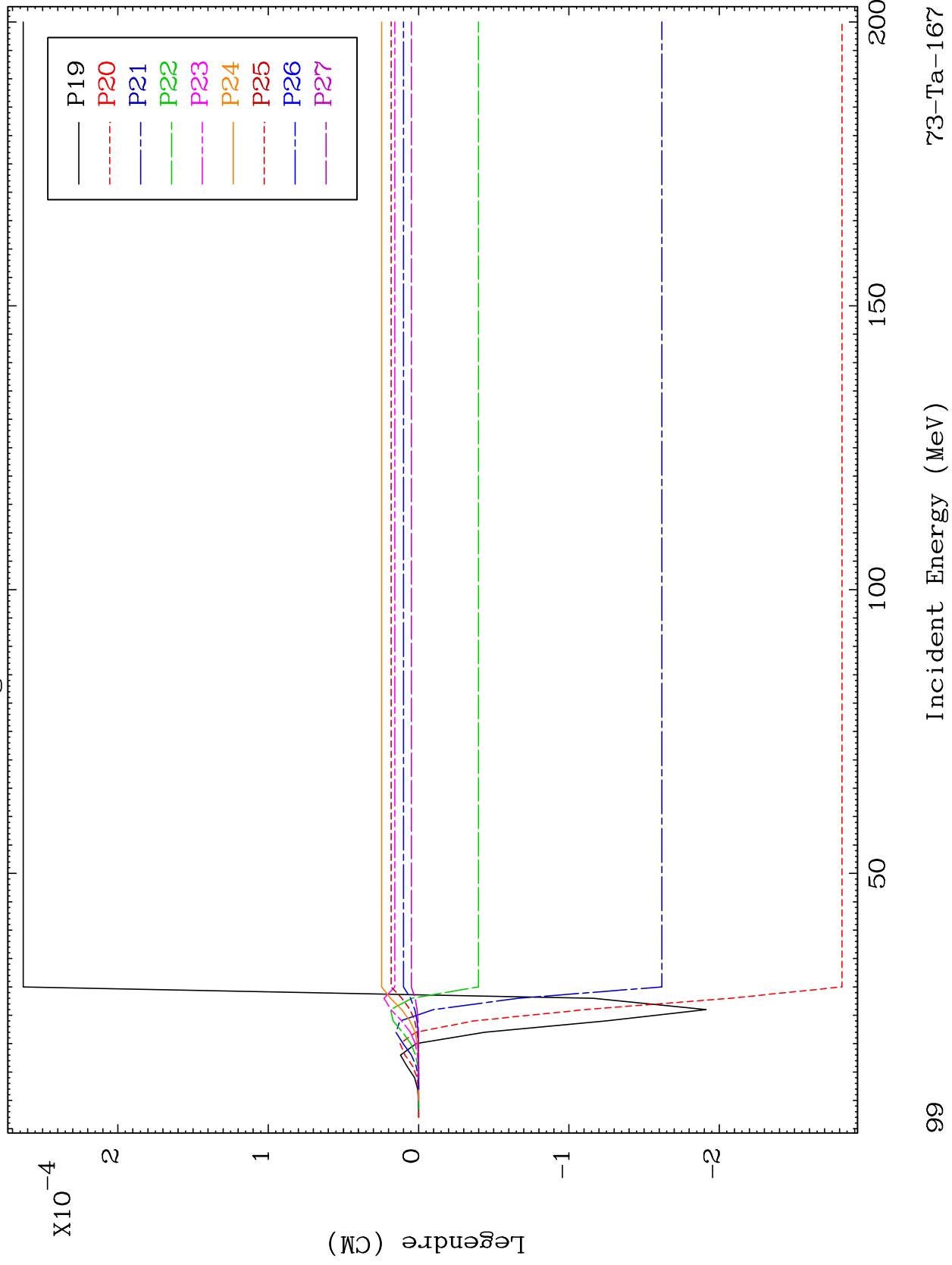
73-Ta-167

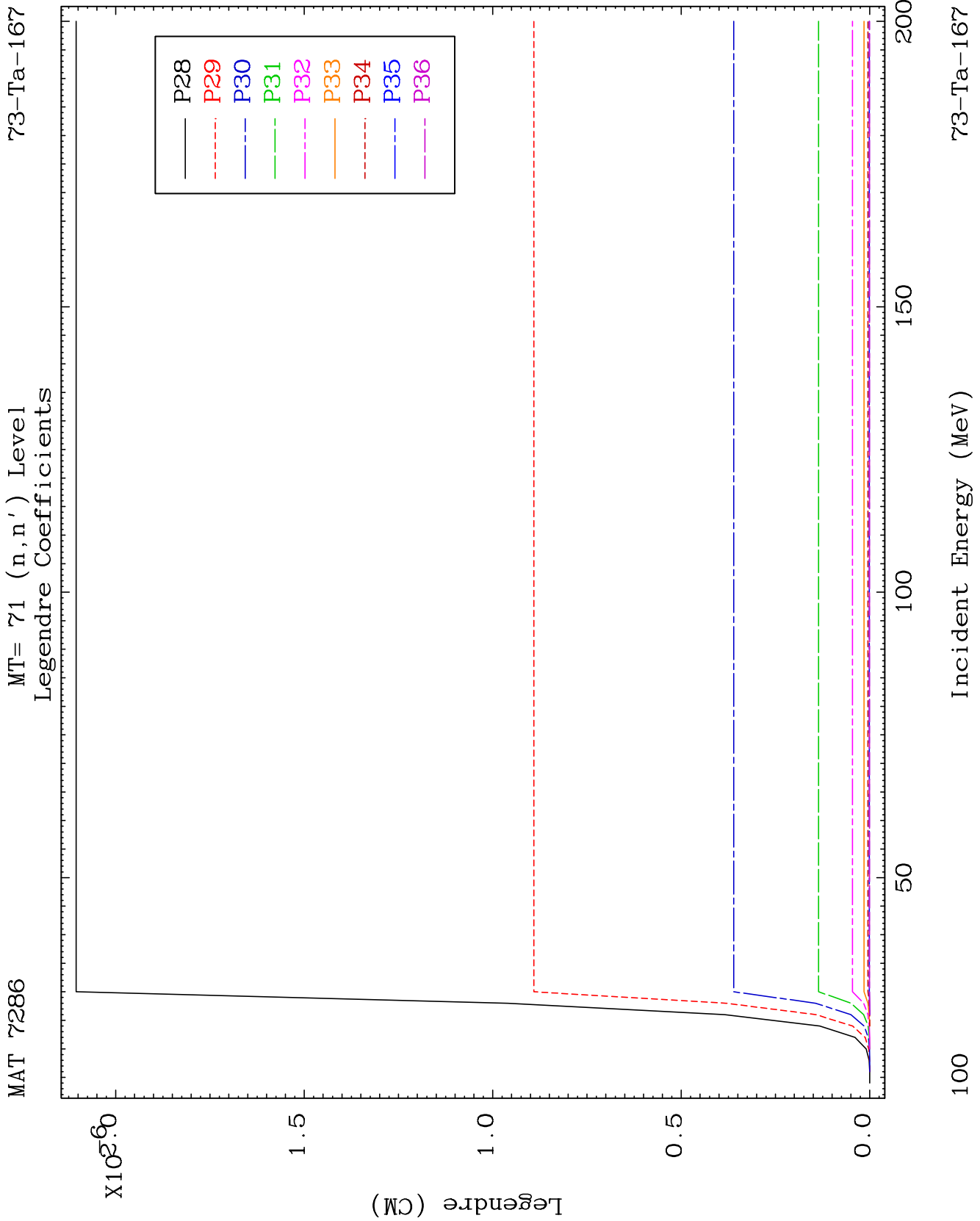


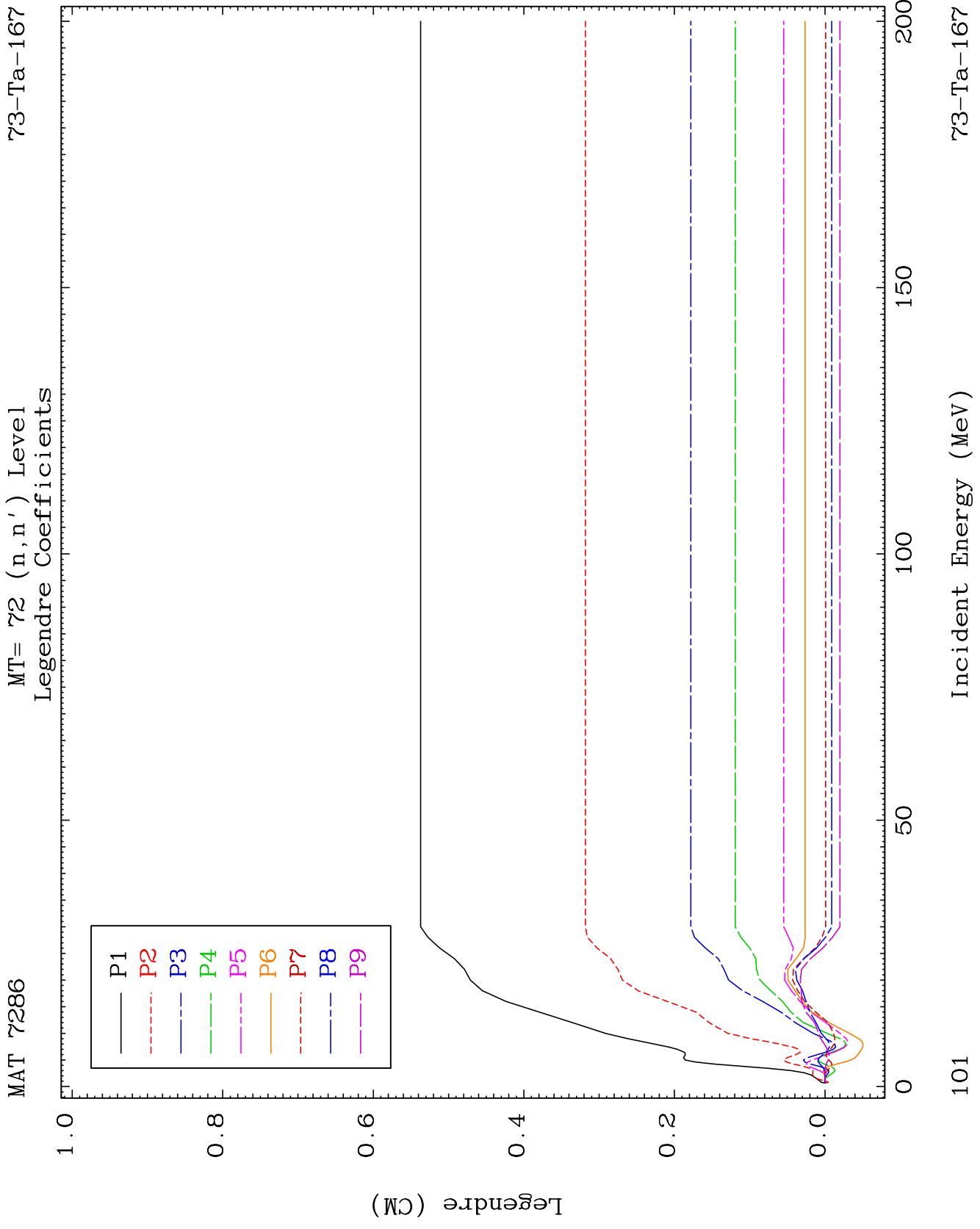
MAT 7286

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

73-Ta-167



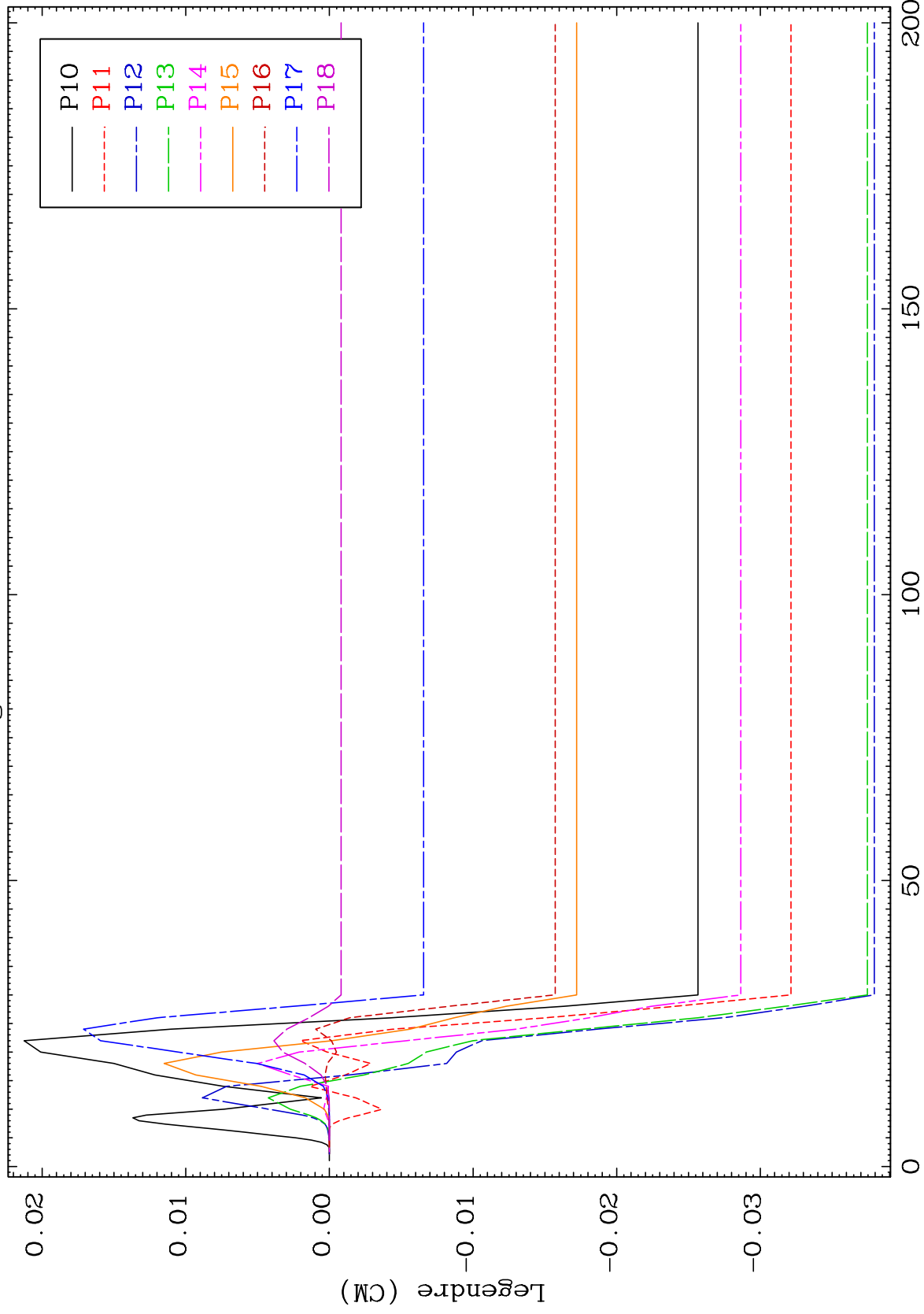




MAT 7286

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

73-Ta-167



102

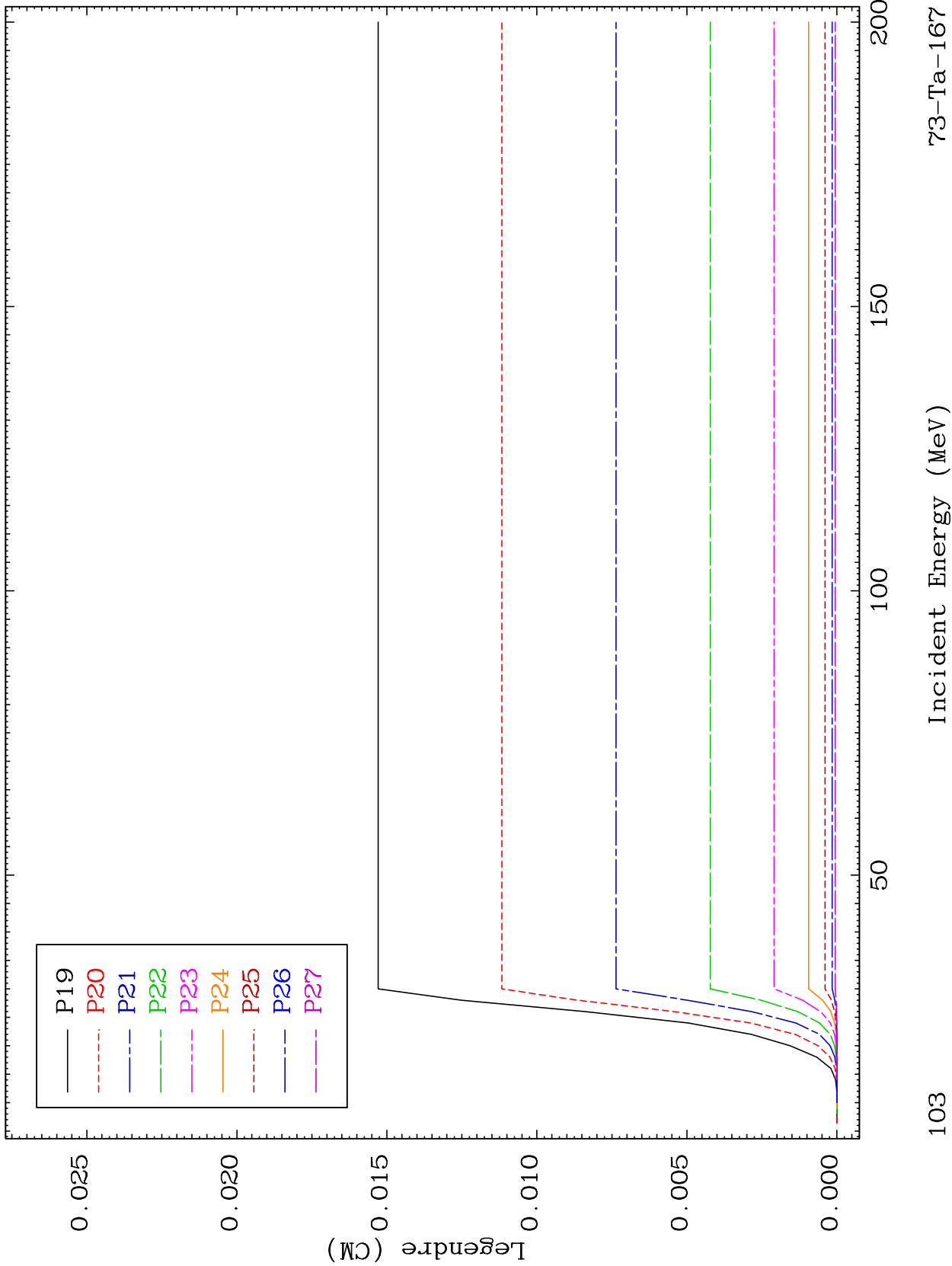
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



103

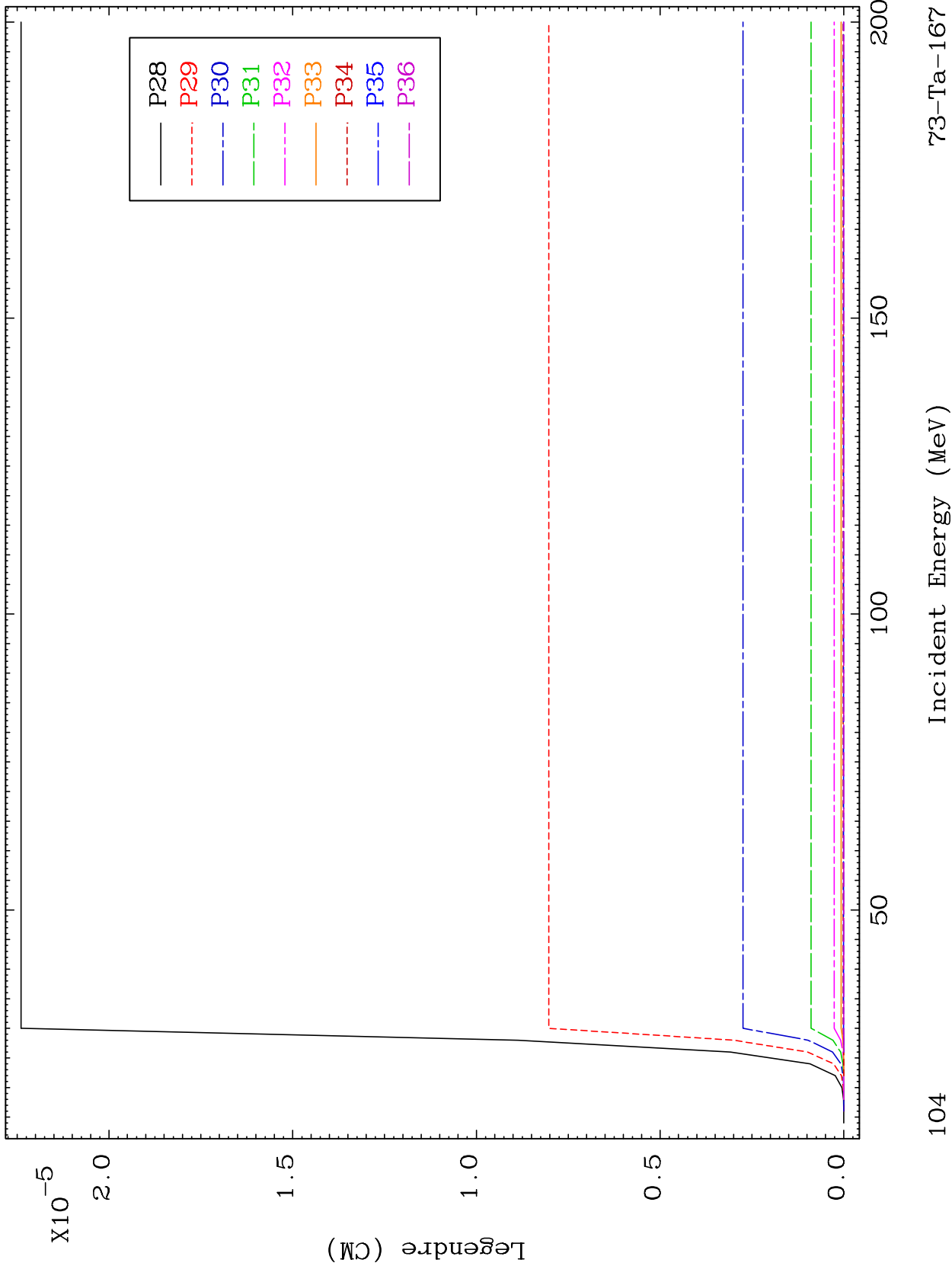
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



104

Incident Energy (MeV)

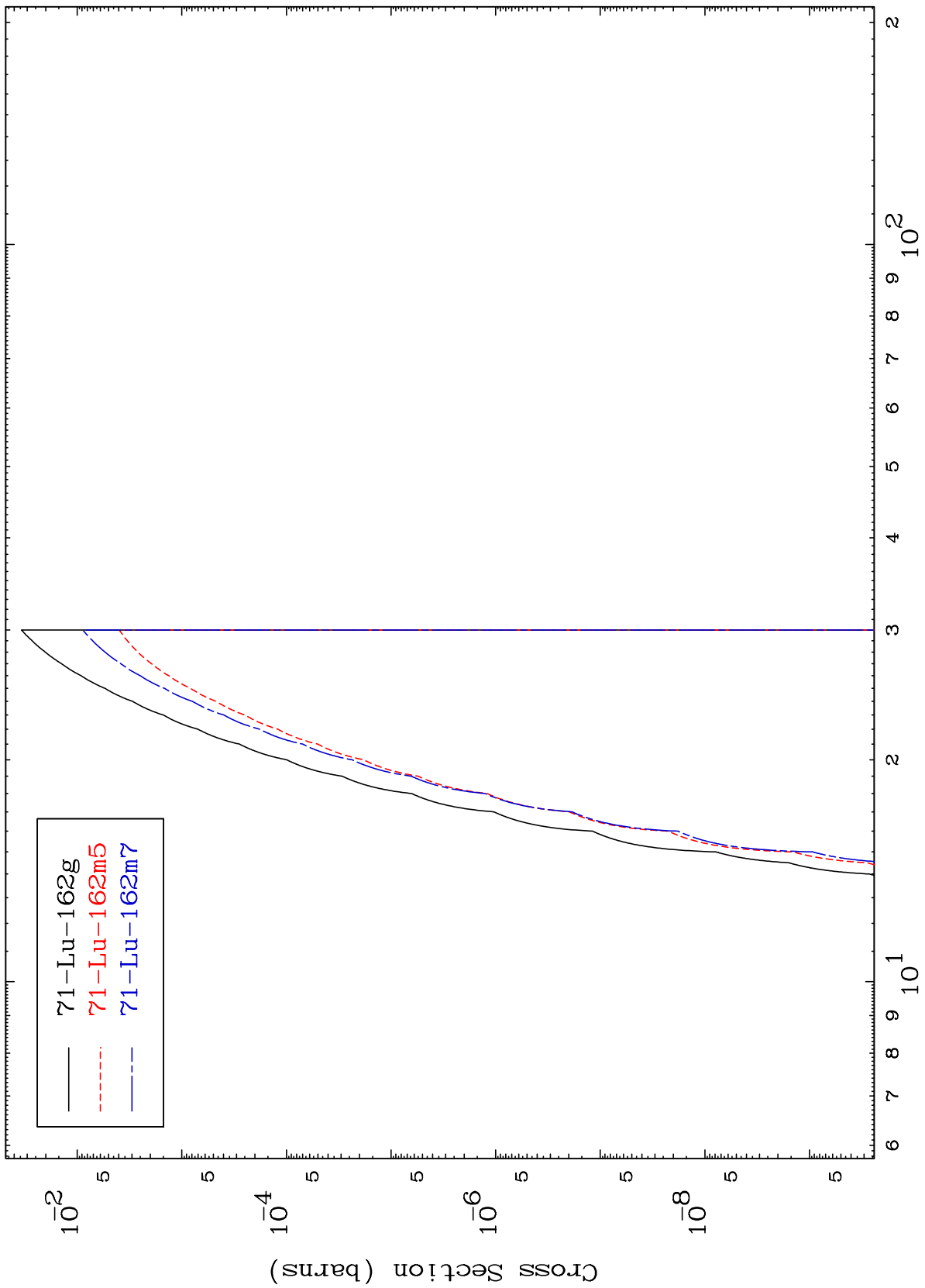
73-Ta-167

MAT 7286

(n,2n) α

73-Ta-167

Radionuclide Production Cross Section



71-Lu-162g
71-Lu-162m5
71-Lu-162m7

105

Incident Energy (MeV)

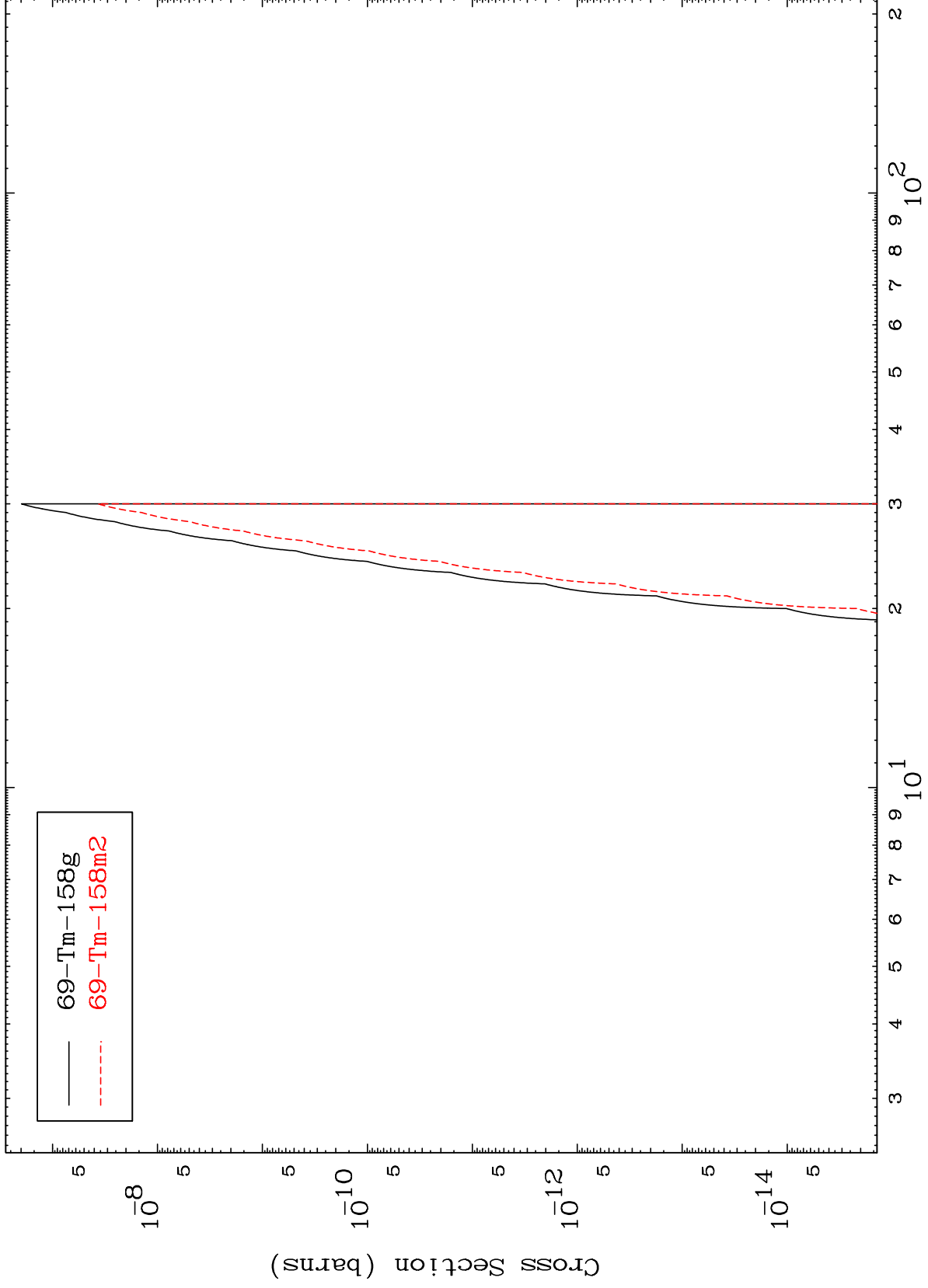
73-Ta-167

MAT 7286

$(n, 2n)$ 2α

$^{73}\text{Ta-167}$

Radionuclide Production Cross Section



106

Incident Energy (MeV)

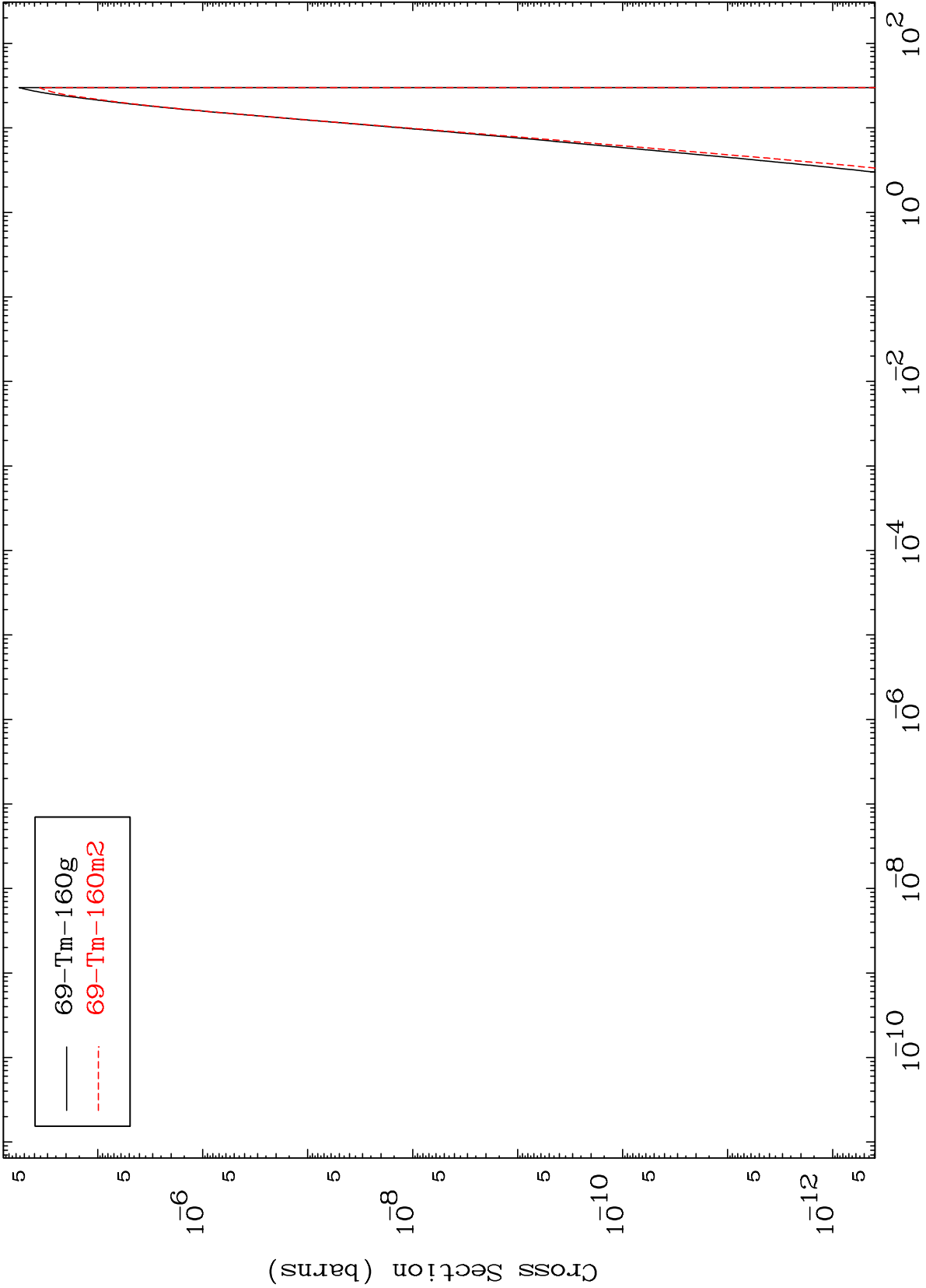
$^{73}\text{Ta-167}$

MAT 7286

(n,2α)

73-Ta-167

Radionuclide Production Cross Section



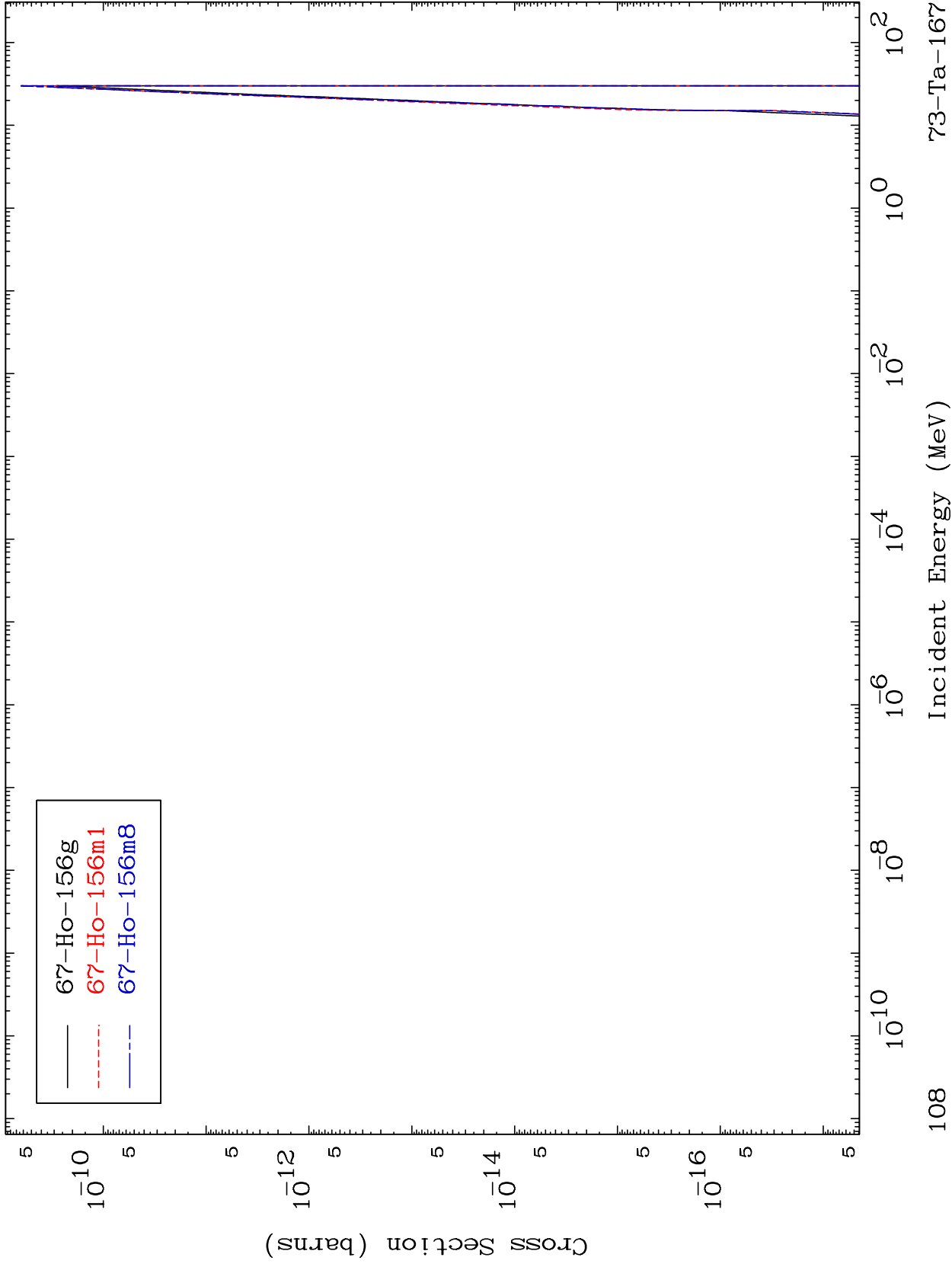
69-Tm-160g
69-Tm-160m2

MAT 7286

(n, 3α)

73-Ta-167

Radionuclide Production Cross Section

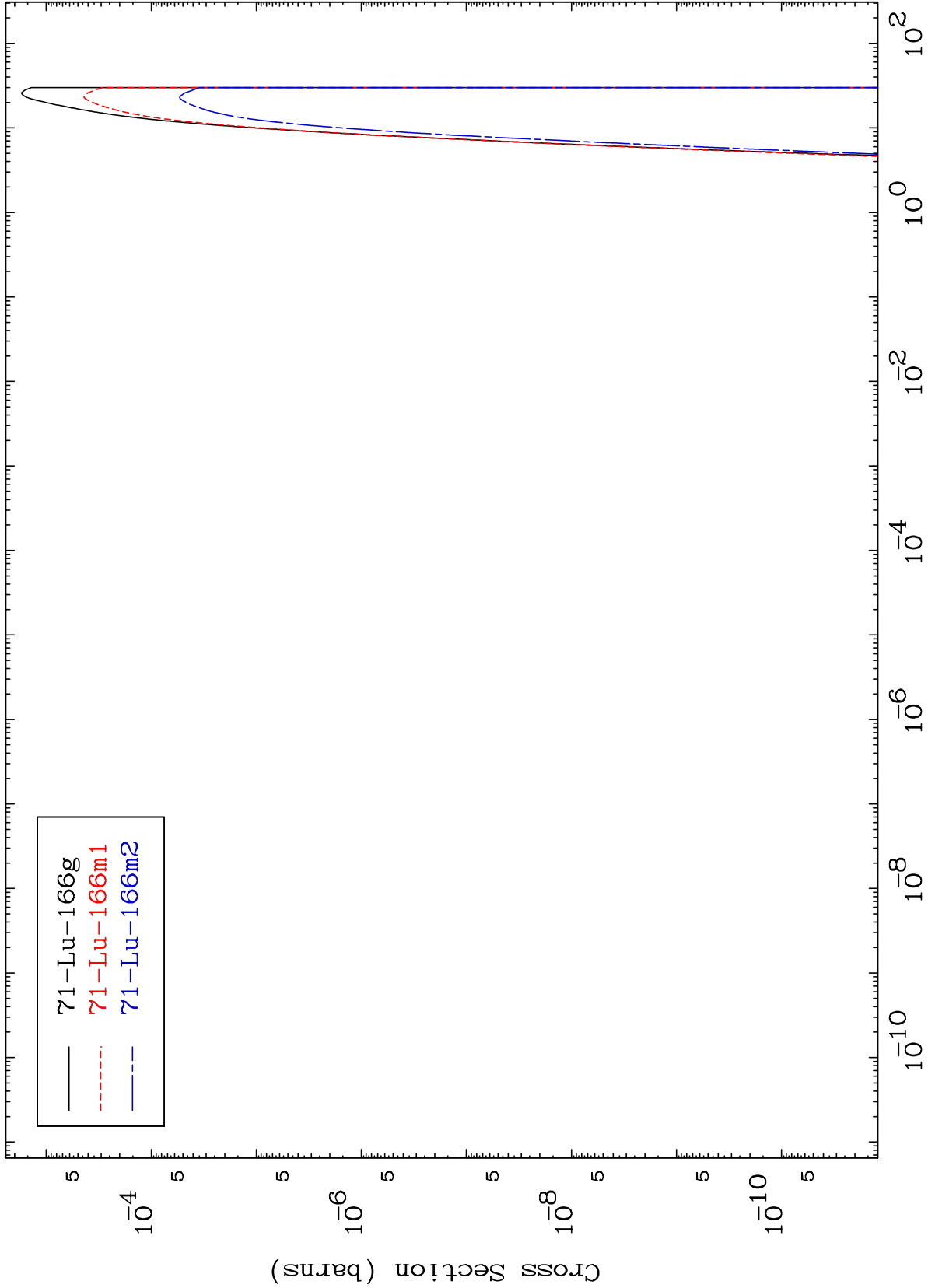


MAT 7286

(n,2p)

73-Ta-167

Radionuclide Production Cross Section



109

Incident Energy (MeV)

73-Ta-167