

Program EVALPLOT
(Version 2021-1)

by

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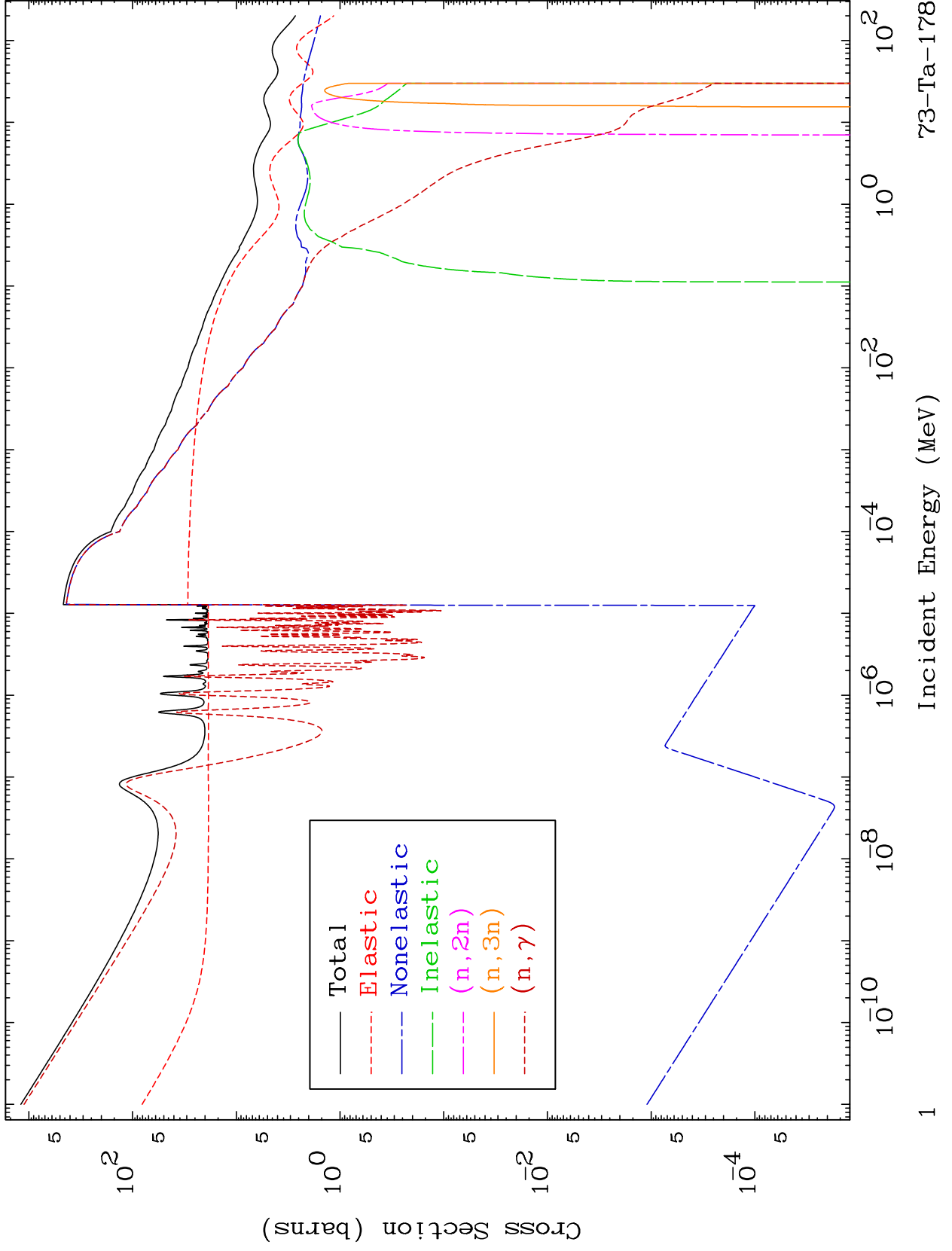
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Press Mouse Button to Start

MAT 7319

Neutron Major
293 Kelvin Cross Sections

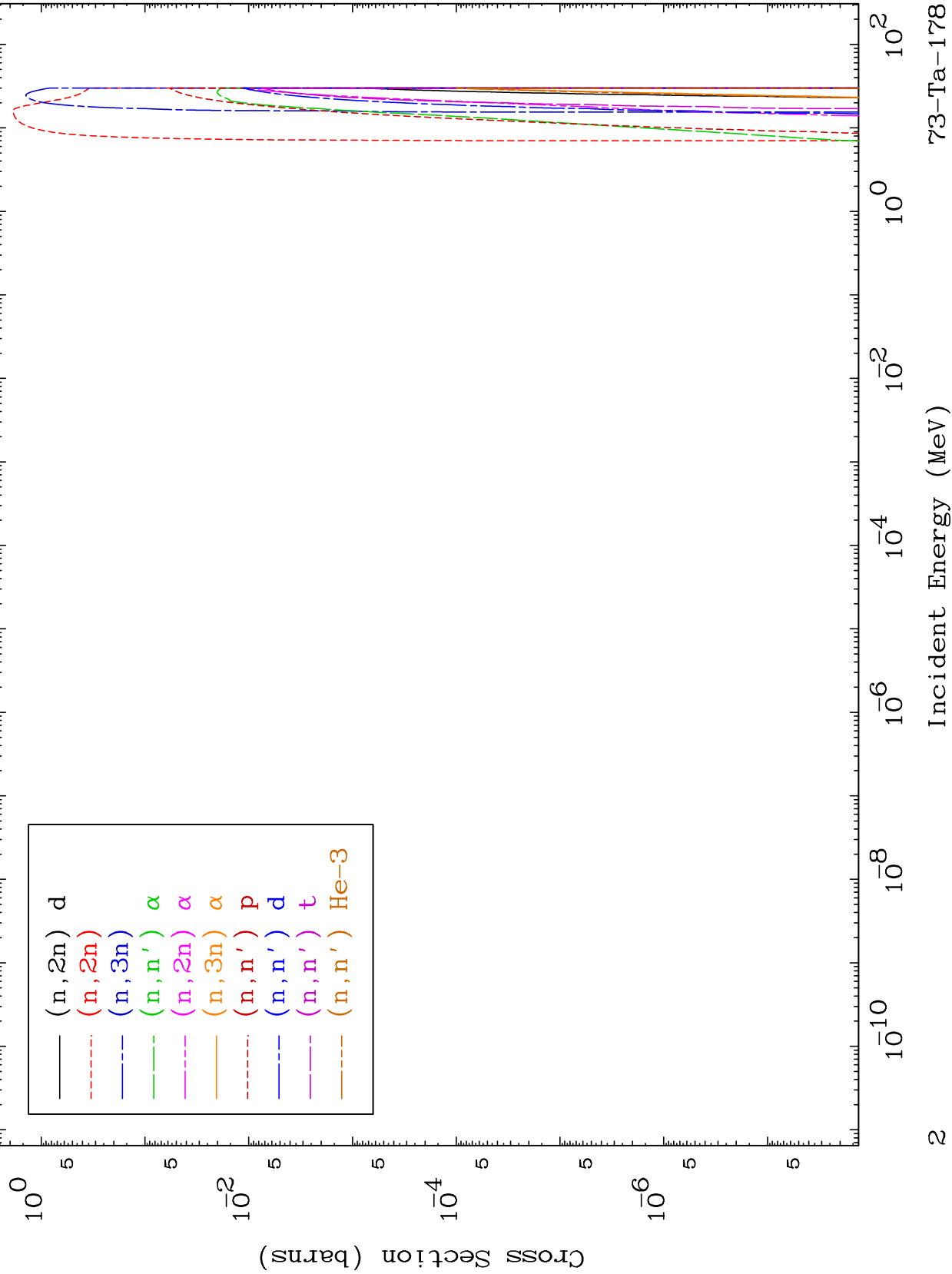
73-Ta-178



MAT 7319

Neutron Absorption
293 Kelvin Cross Sections

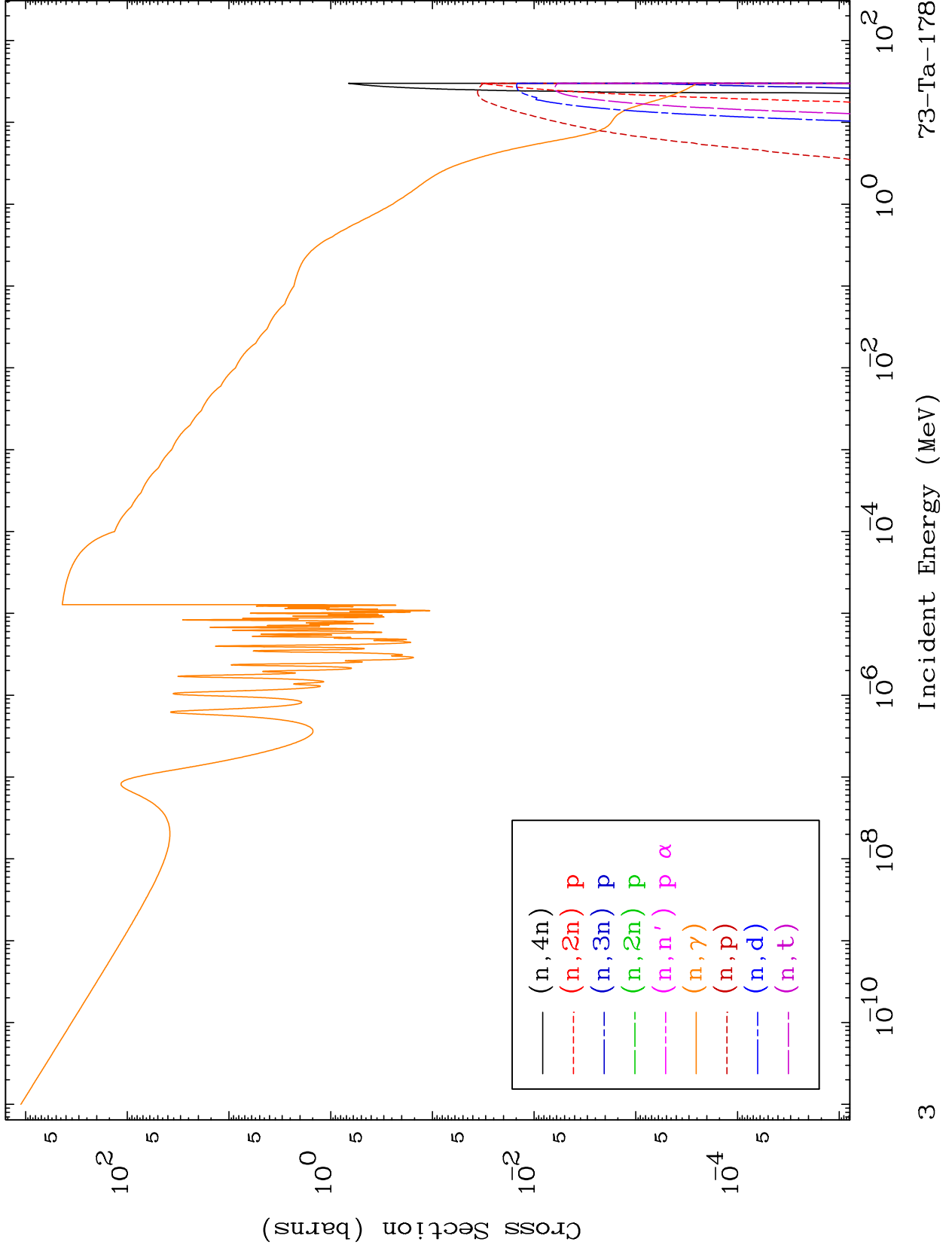
73-Ta-178



MAT 7319

Neutron Absorption
293 Kelvin Cross Sections

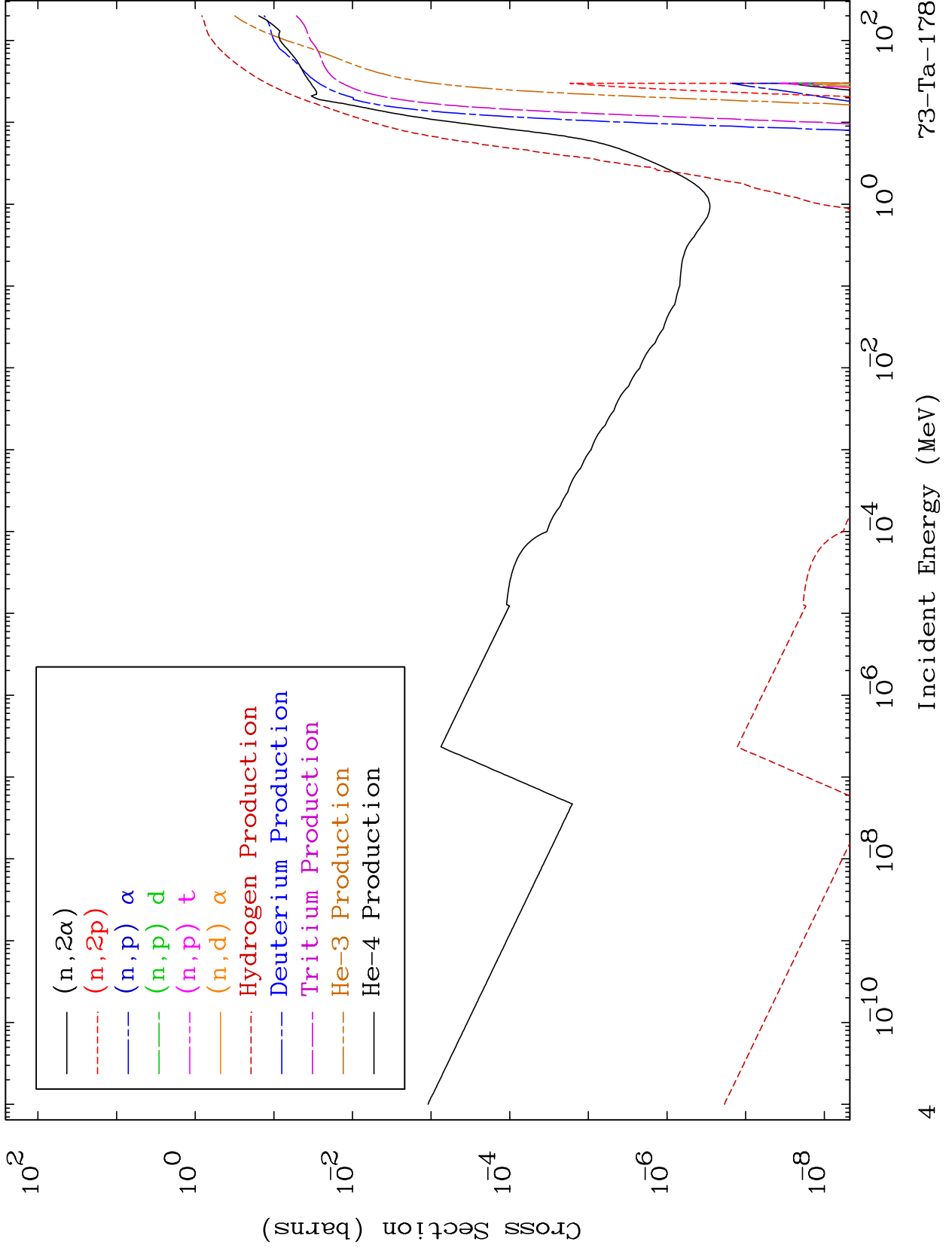
73-Ta-178



MAT 7319

Neutron Absorption
293 Kelvin Cross Sections

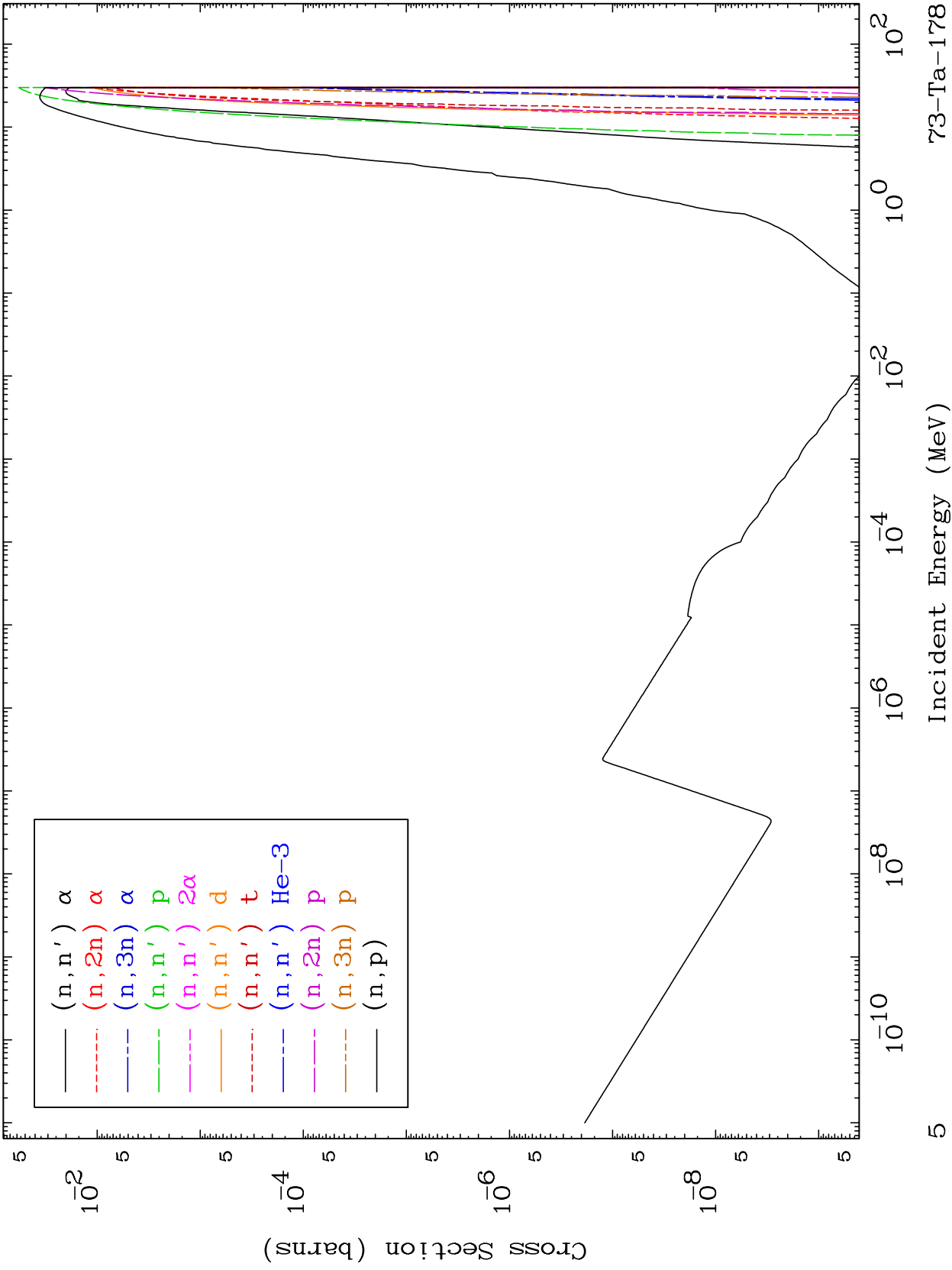
73-Ta-178



MAT 7319

Charged Particle
293 Kelvin Cross Sections

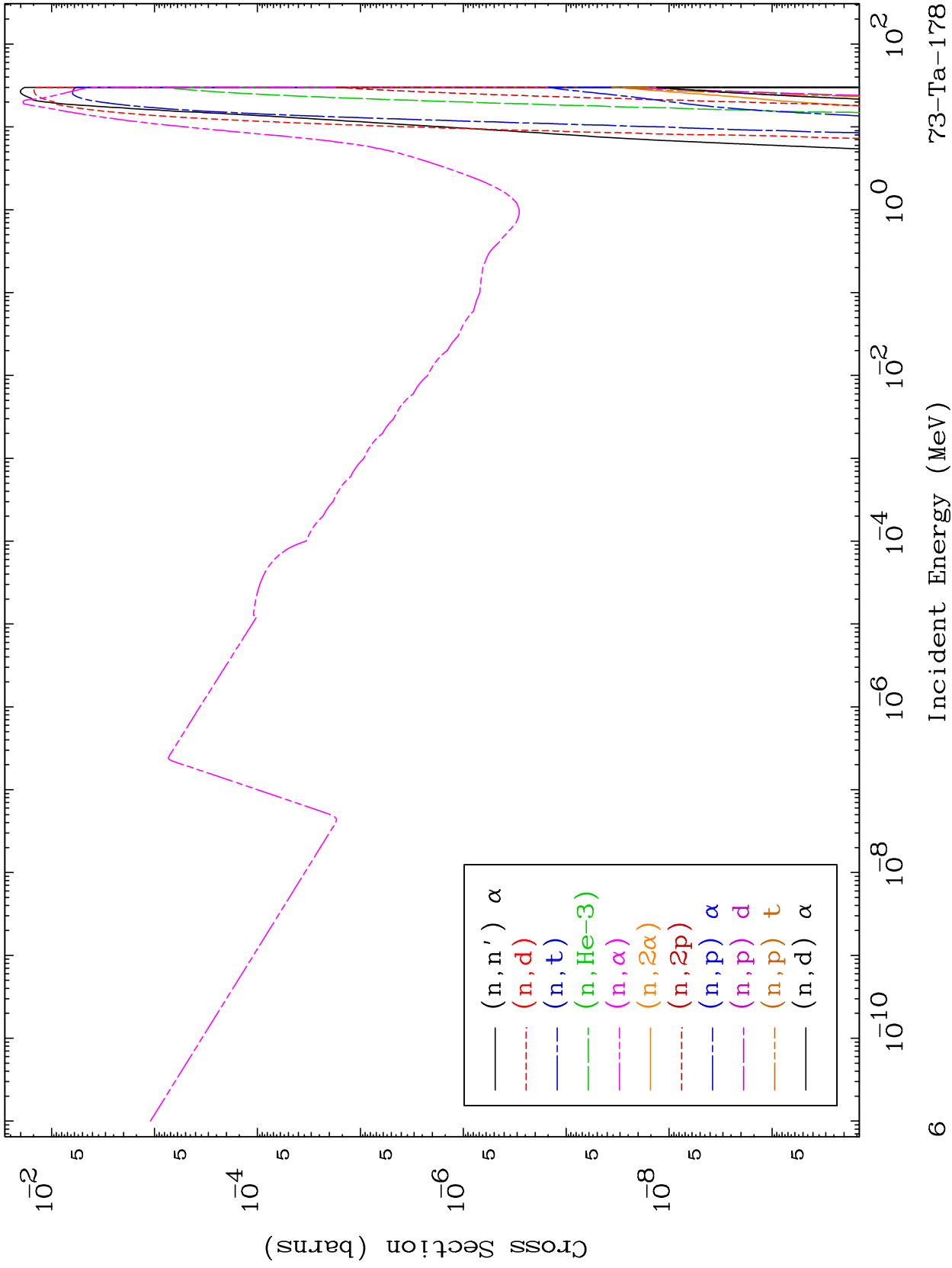
73-Ta-178



MAT 7319

Charged Particle
293 Kelvin Cross Sections

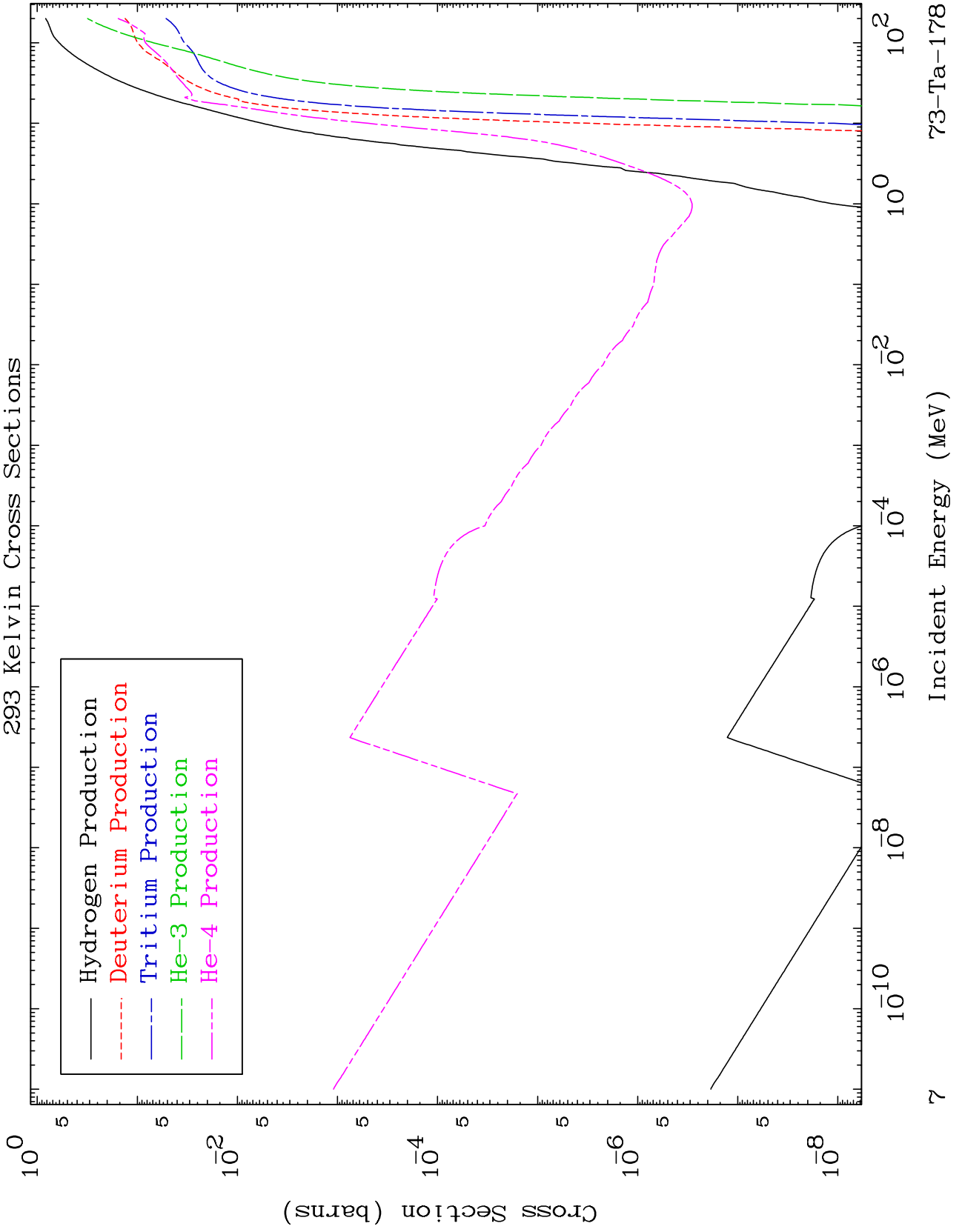
73-Ta-178

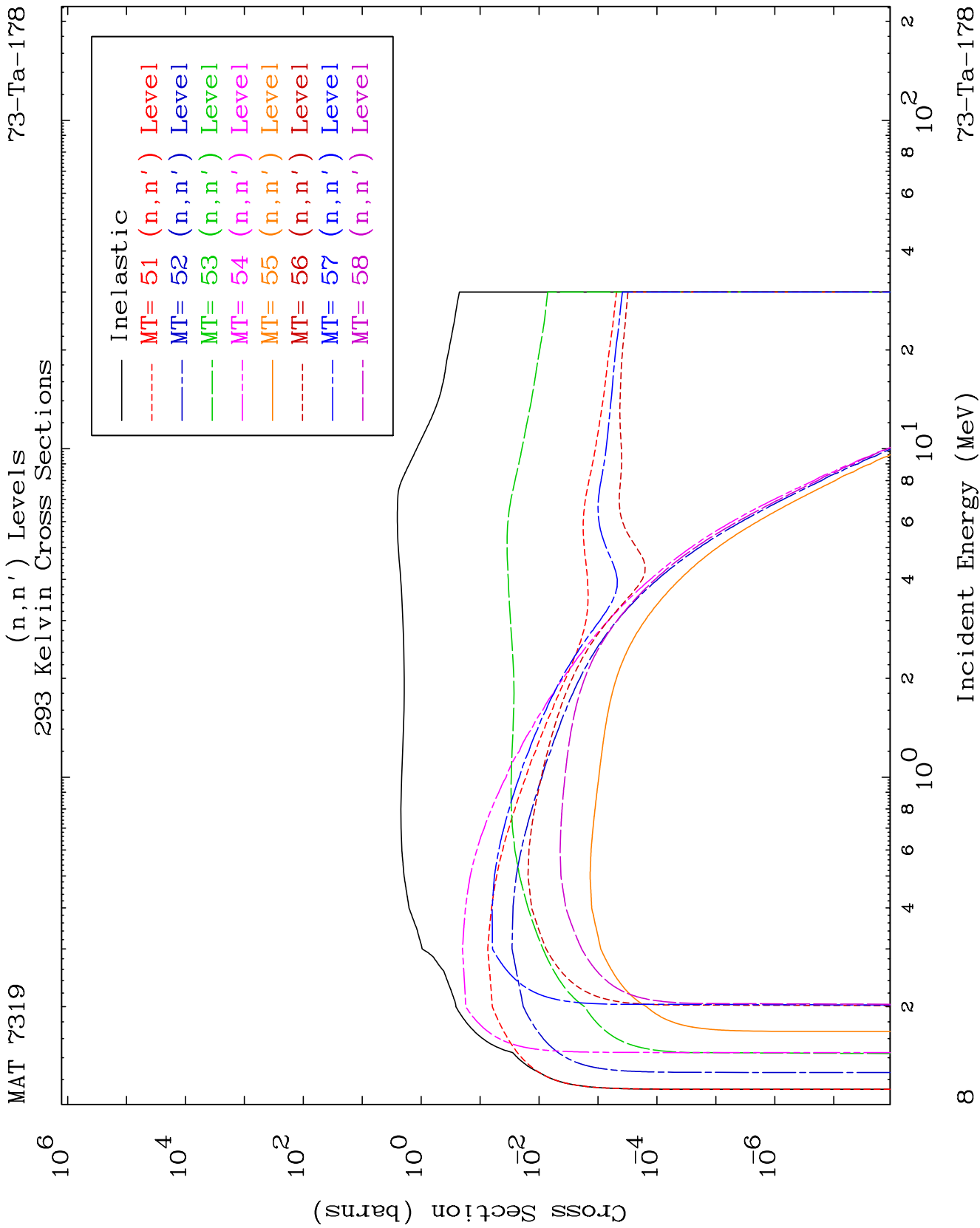


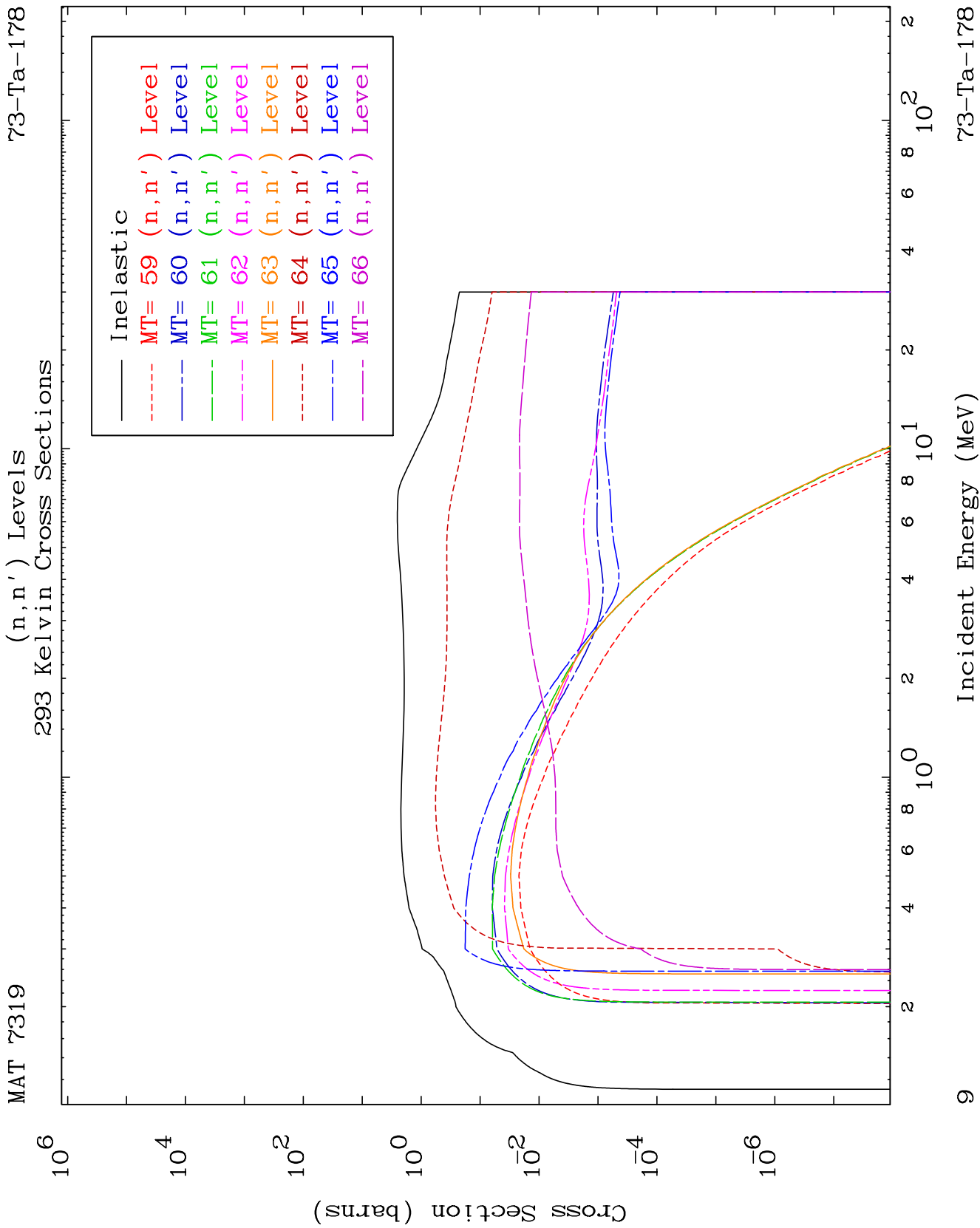
MAT 7319

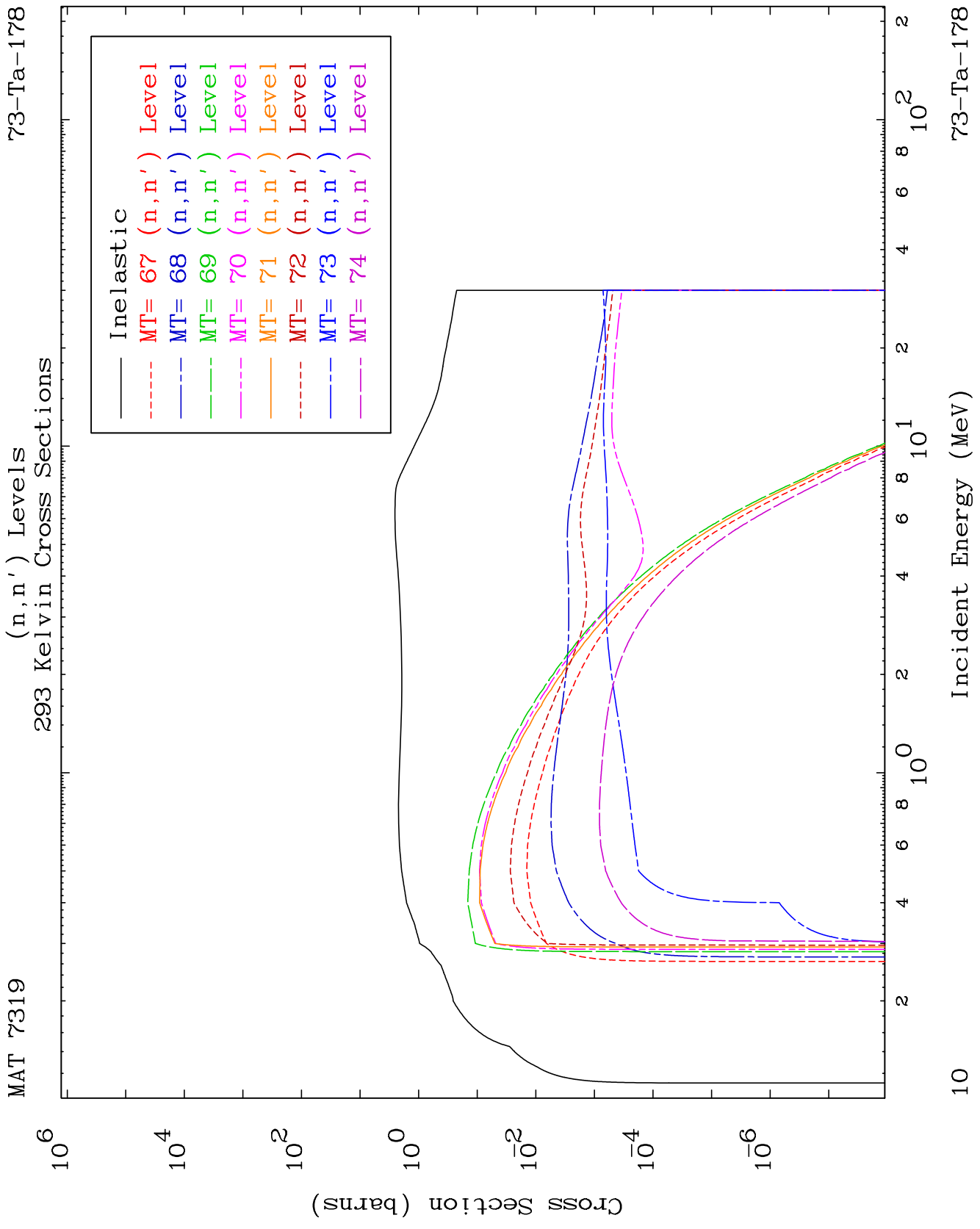
Particle Production
293 Kelvin Cross Sections

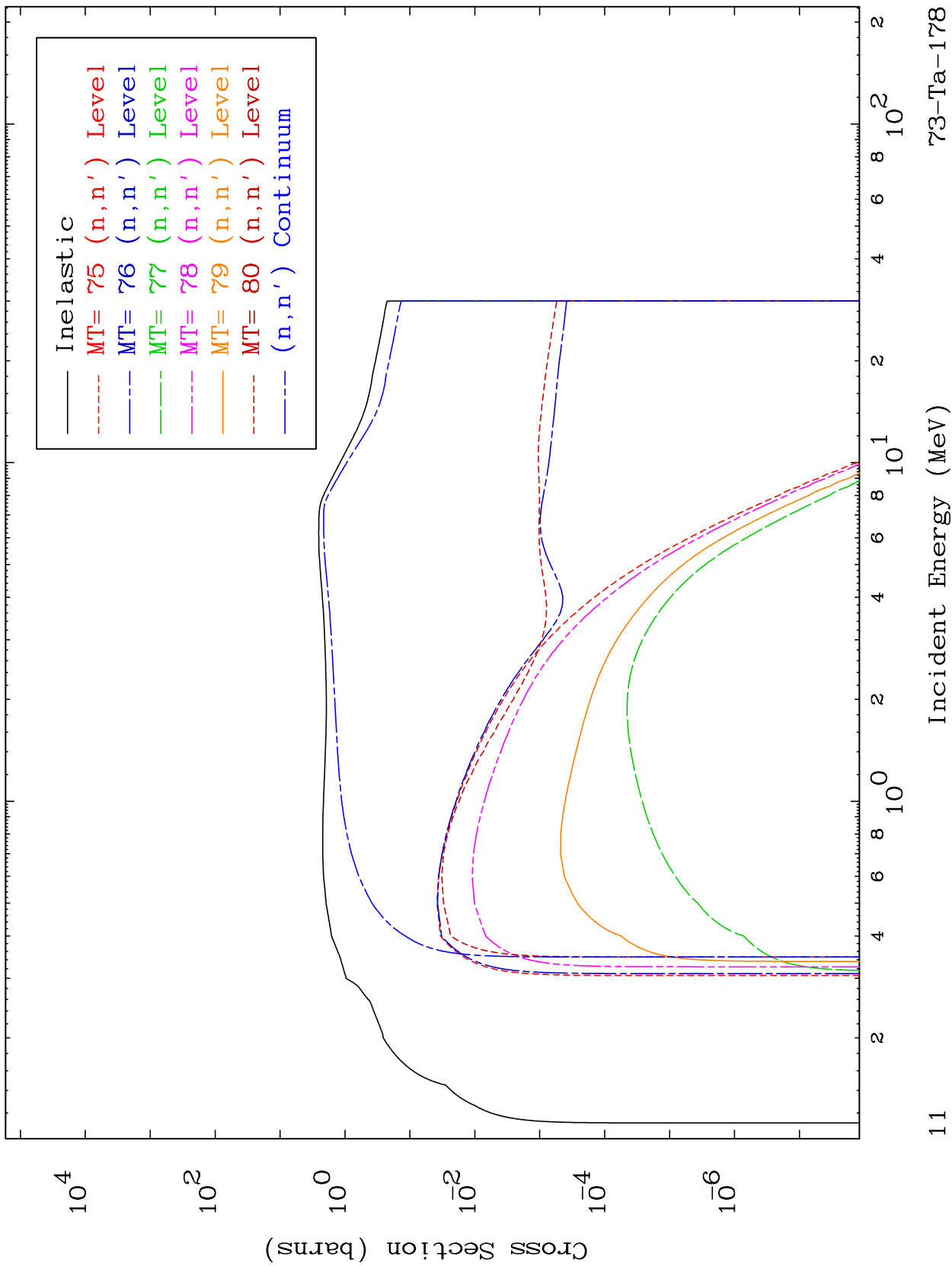
73-Ta-178







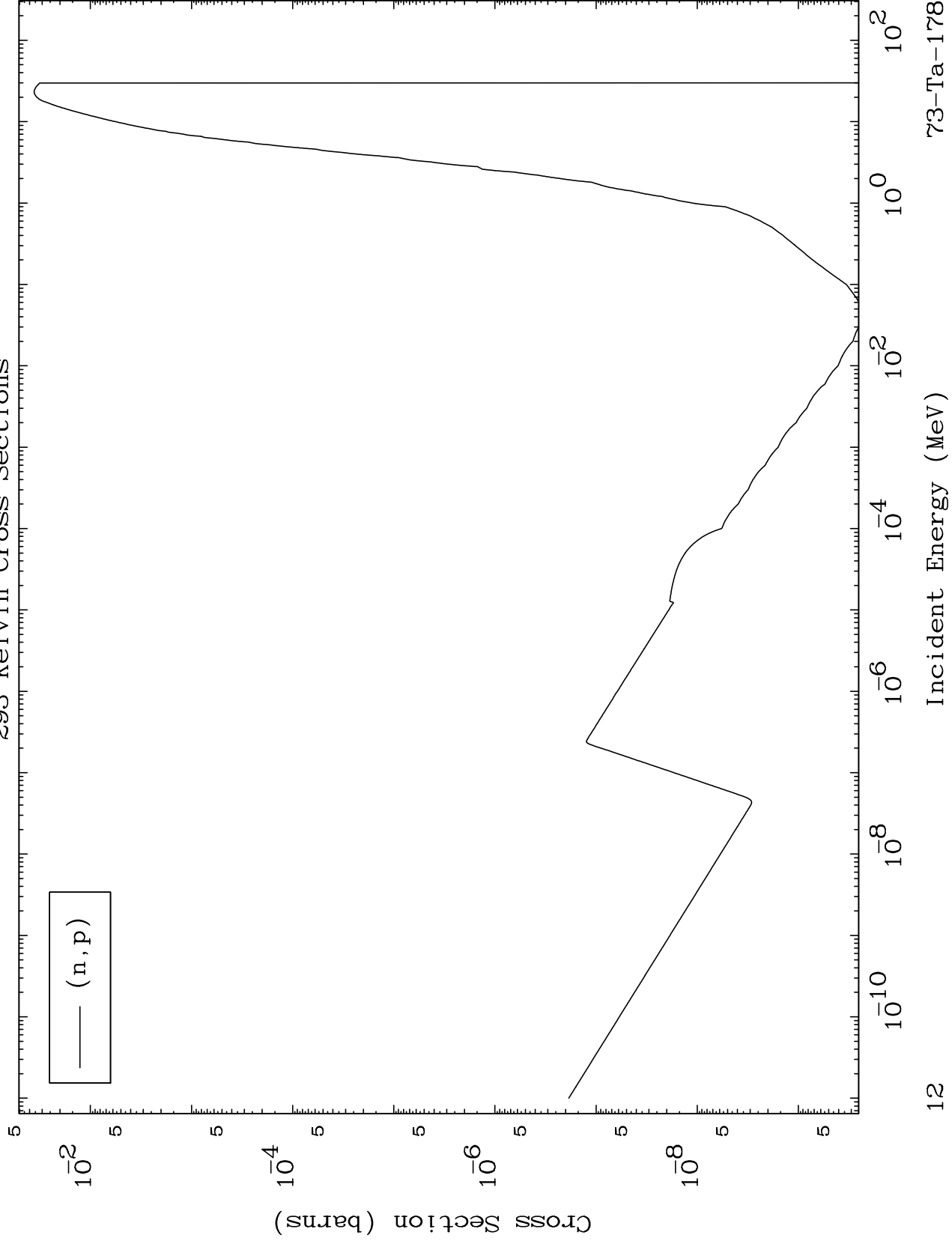




MAT 7319

(n,p) Levels
293 Kelvin Cross Sections

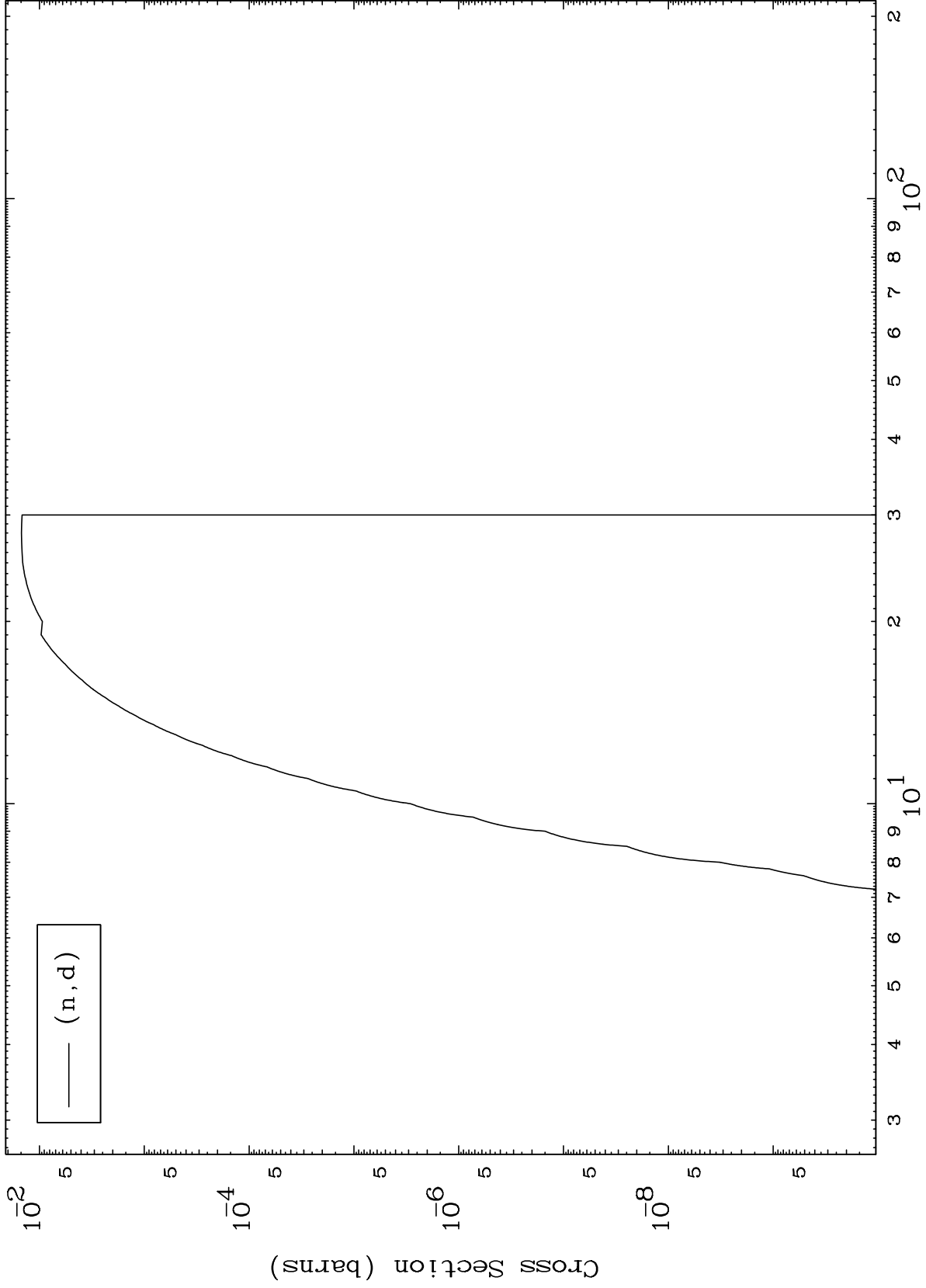
73-Ta-178



MAT 7319

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-178



13

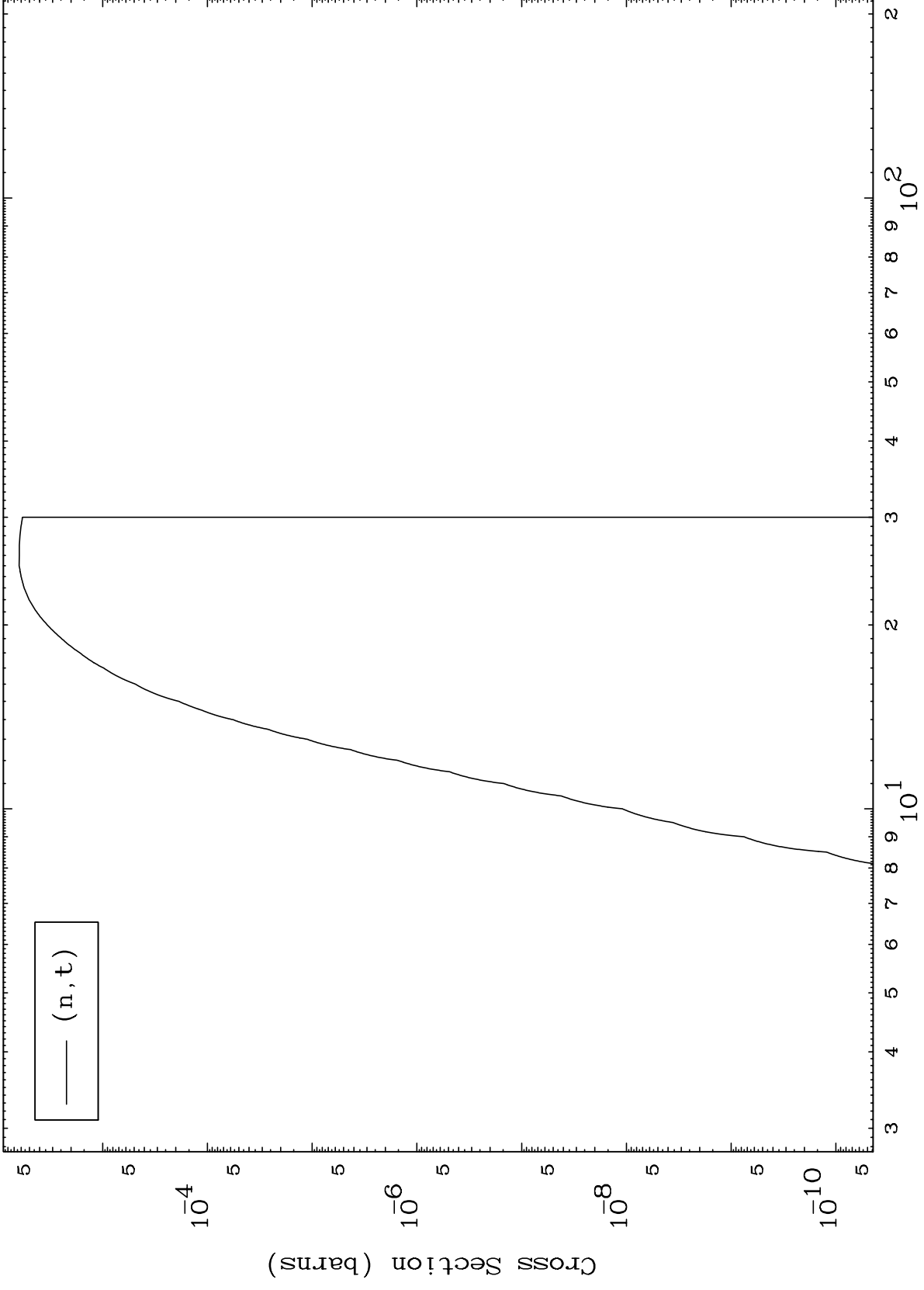
Incident Energy (MeV)

73-Ta-178

MAT 7319

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-178



(n,t)

14

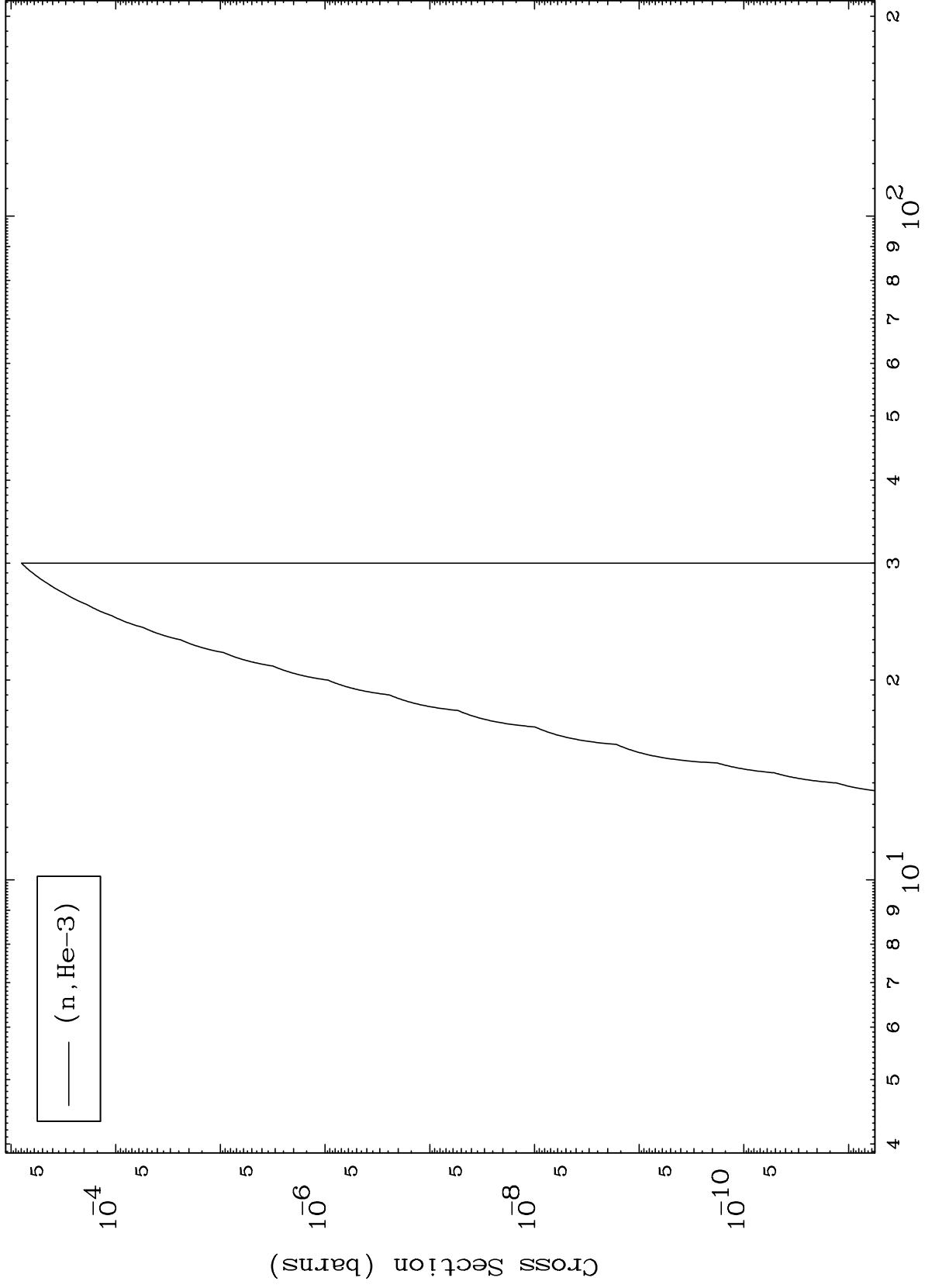
Incident Energy (MeV)

73-Ta-178

MAT 7319

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-178



15

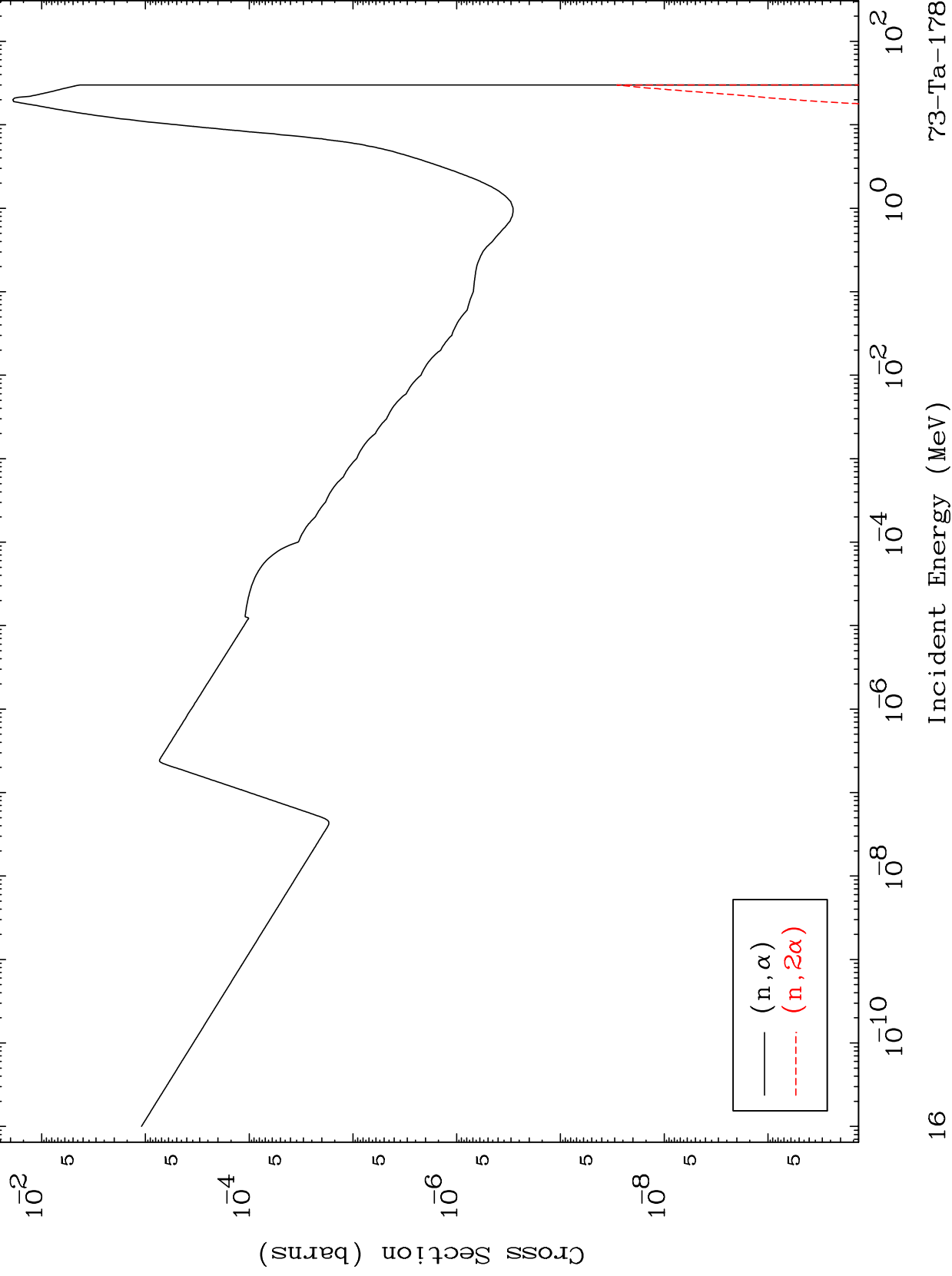
Incident Energy (MeV)

73-Ta-178

MAT 7319

(n,α) Levels
293 Kelvin Cross Sections

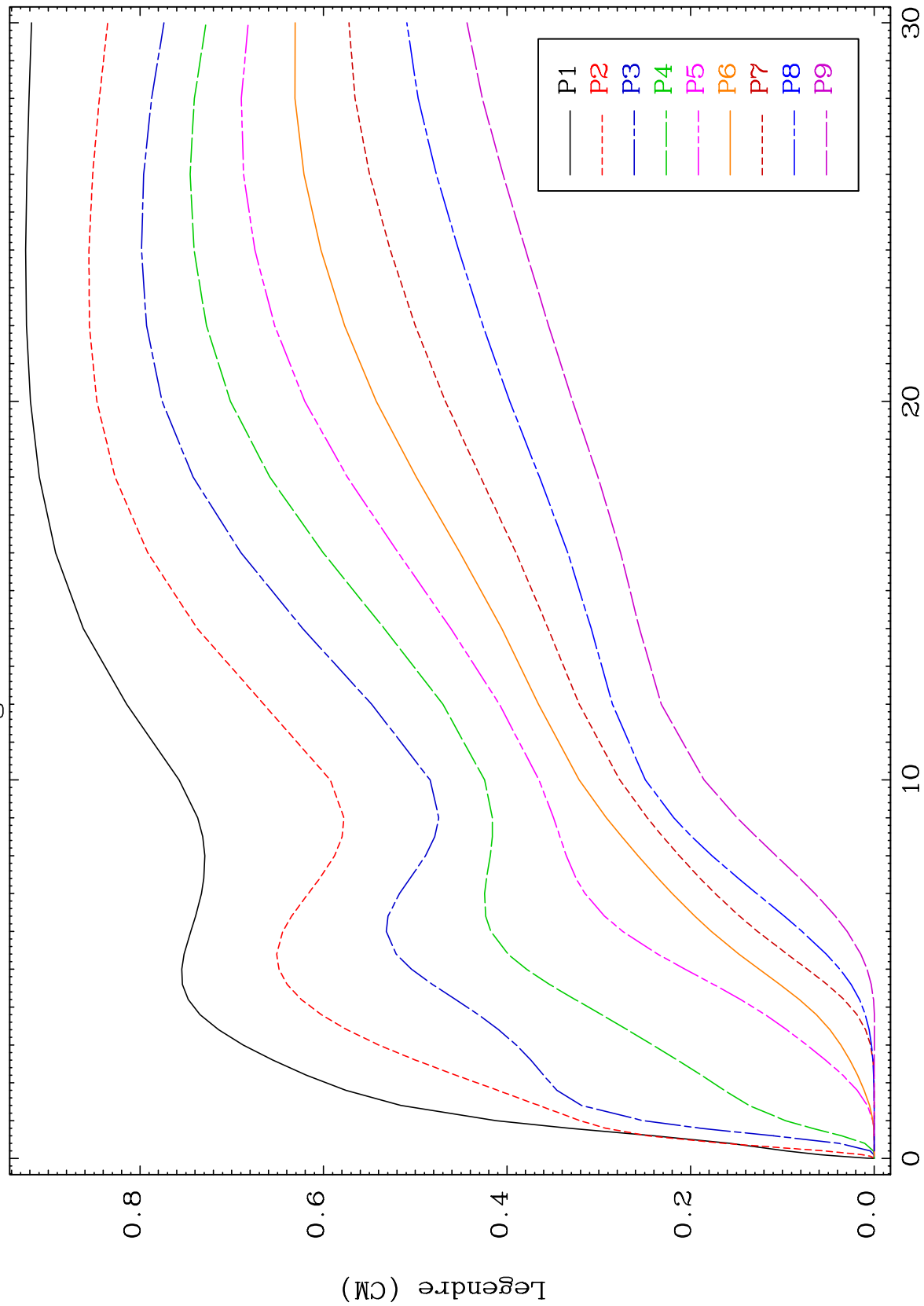
73-Ta-178



MAT 7319

Elastic Legendre Coefficients

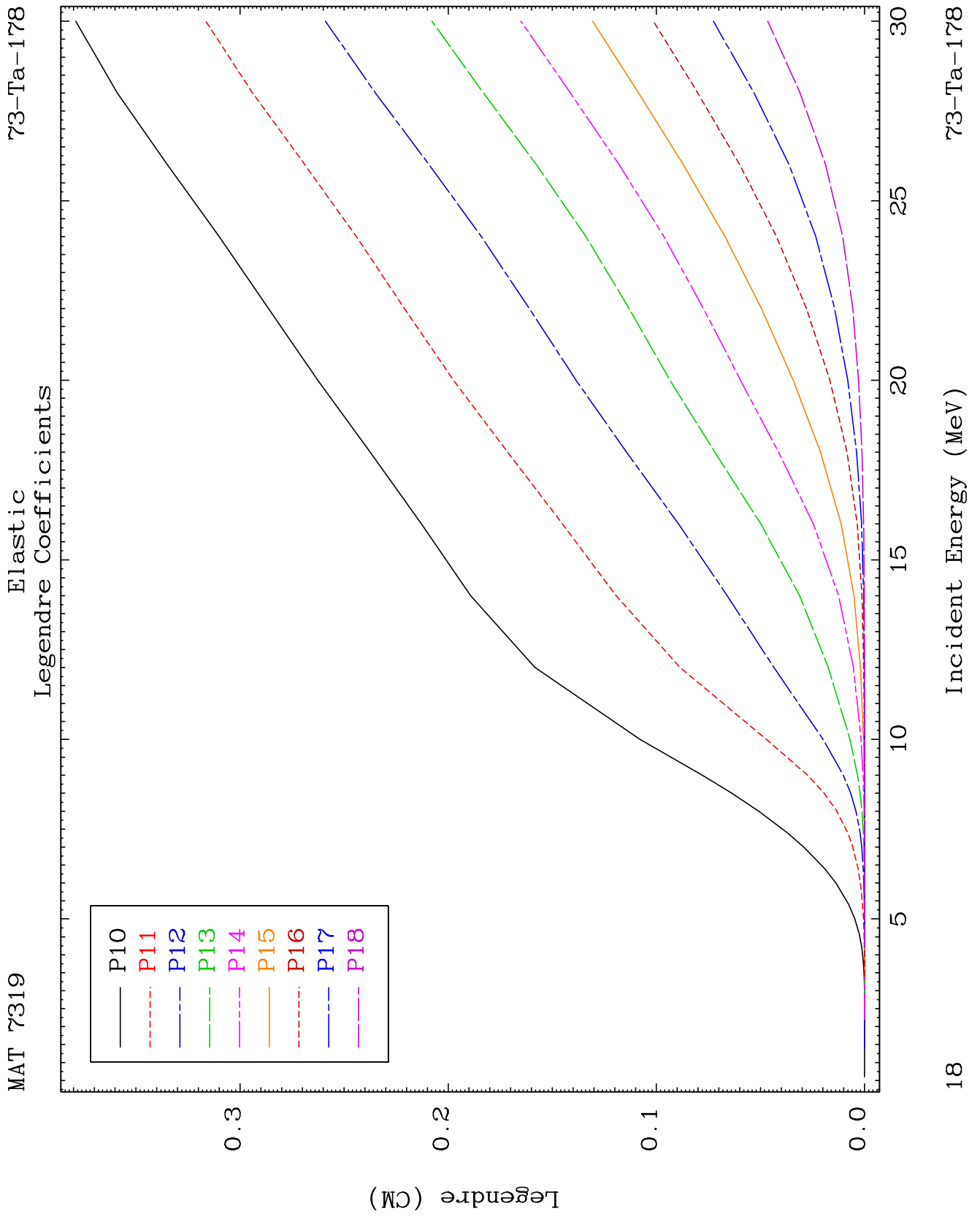
⁷³Ta-178



17

Incident Energy (MeV)

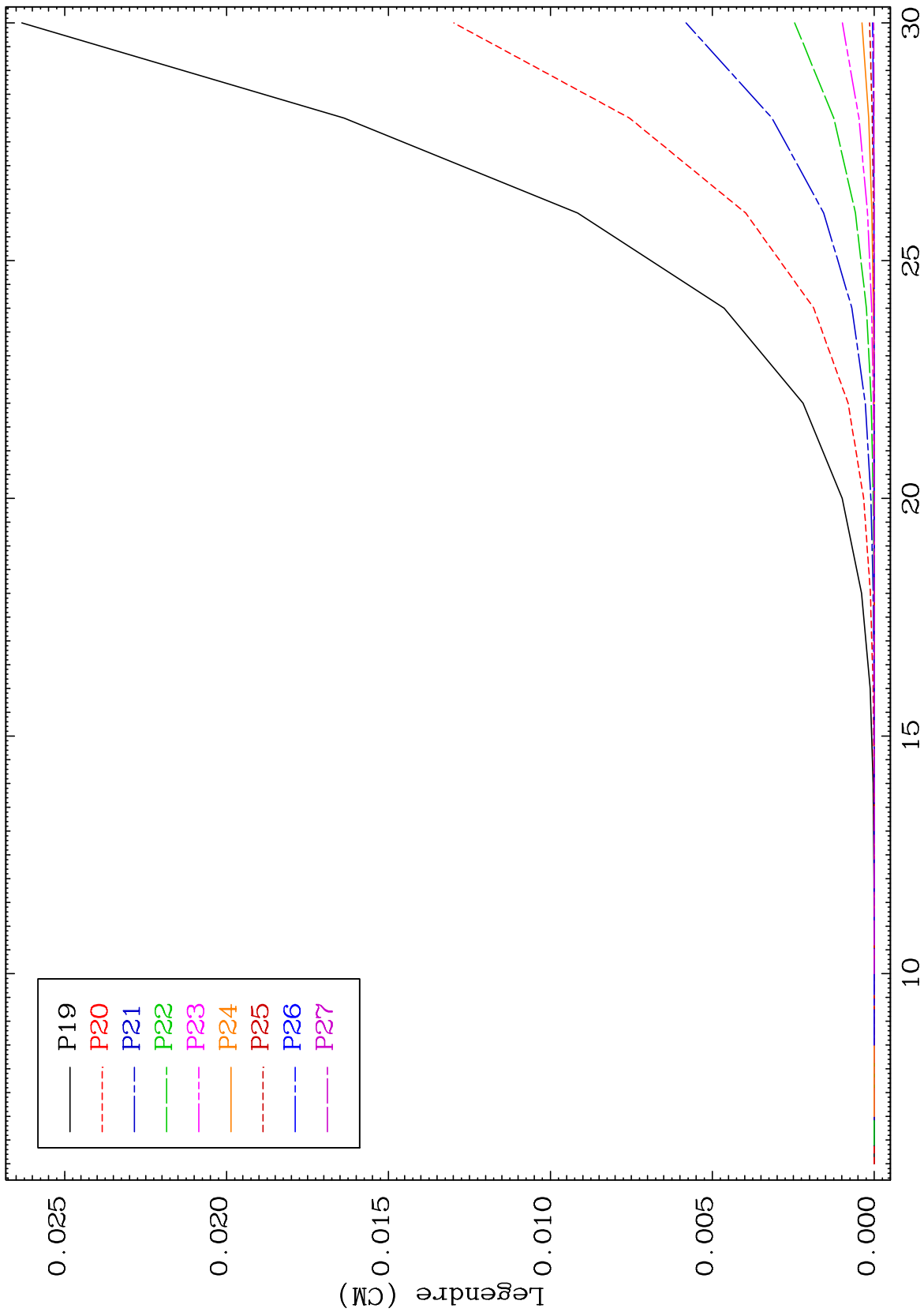
⁷³Ta-178



MAT 7319

Elastic Legendre Coefficients

73-Ta-178



19

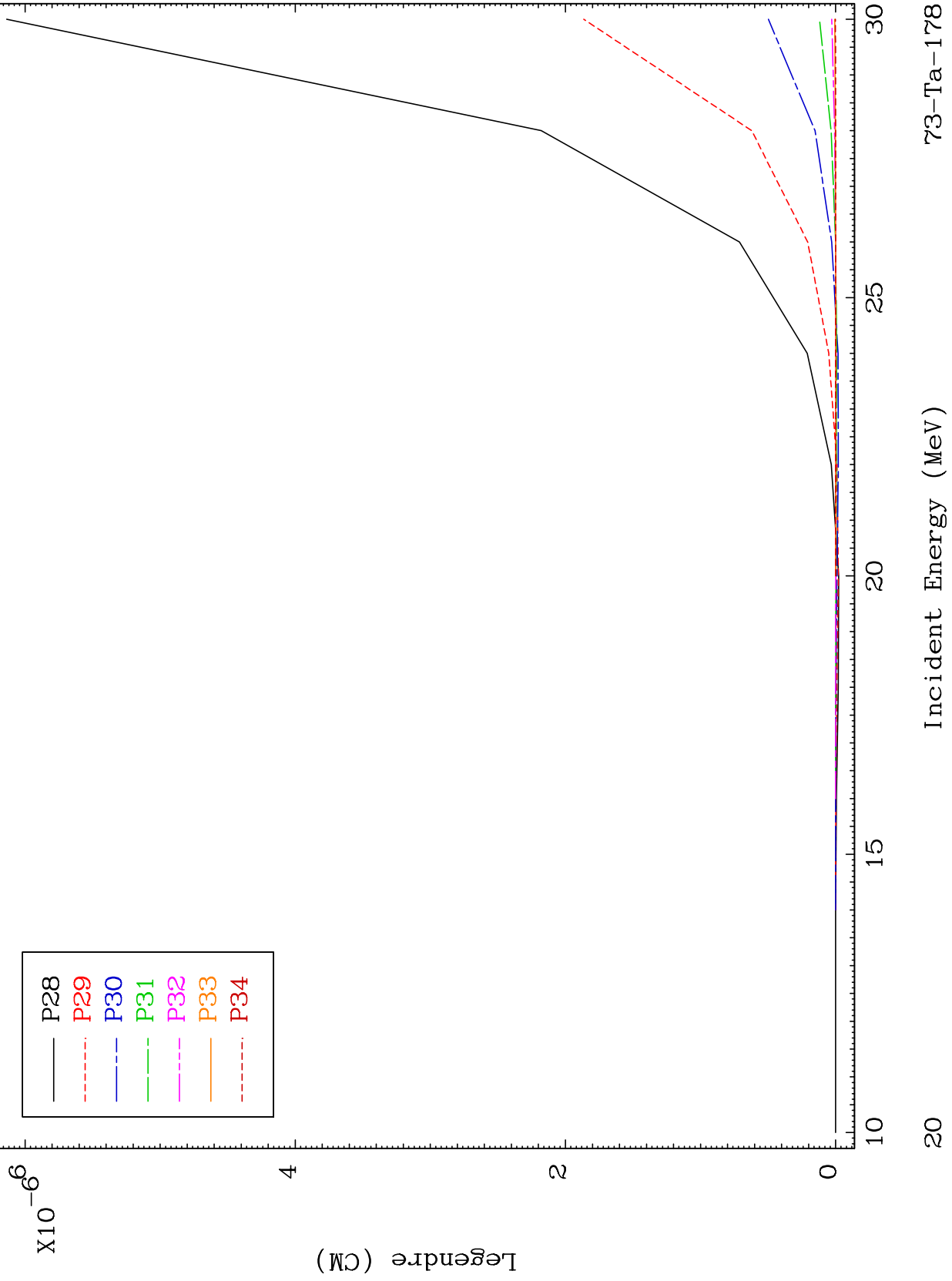
Incident Energy (MeV)

73-Ta-178

MAT 7319

Elastic
Legendre Coefficients

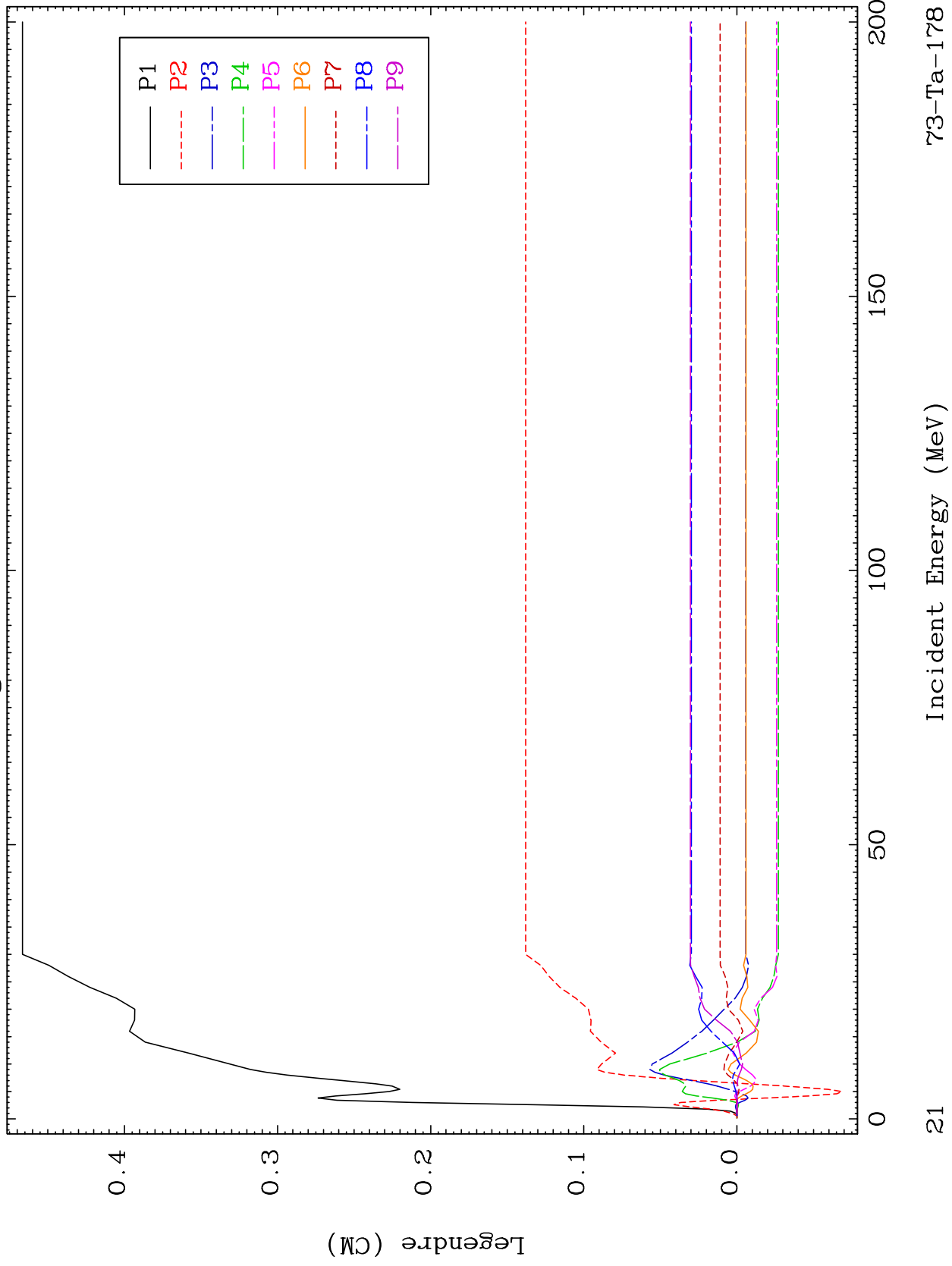
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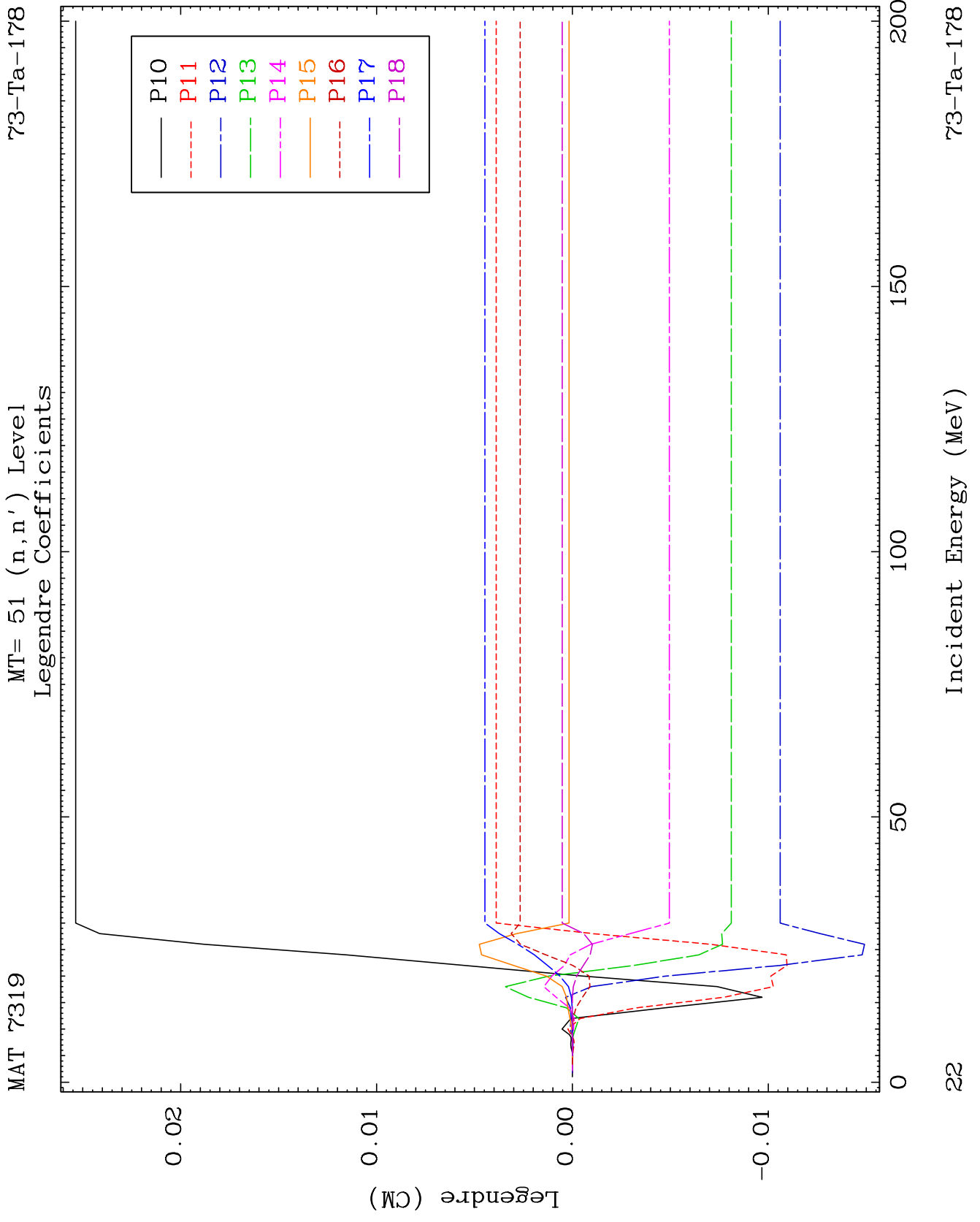


MAT 7319

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

73-Ta-178

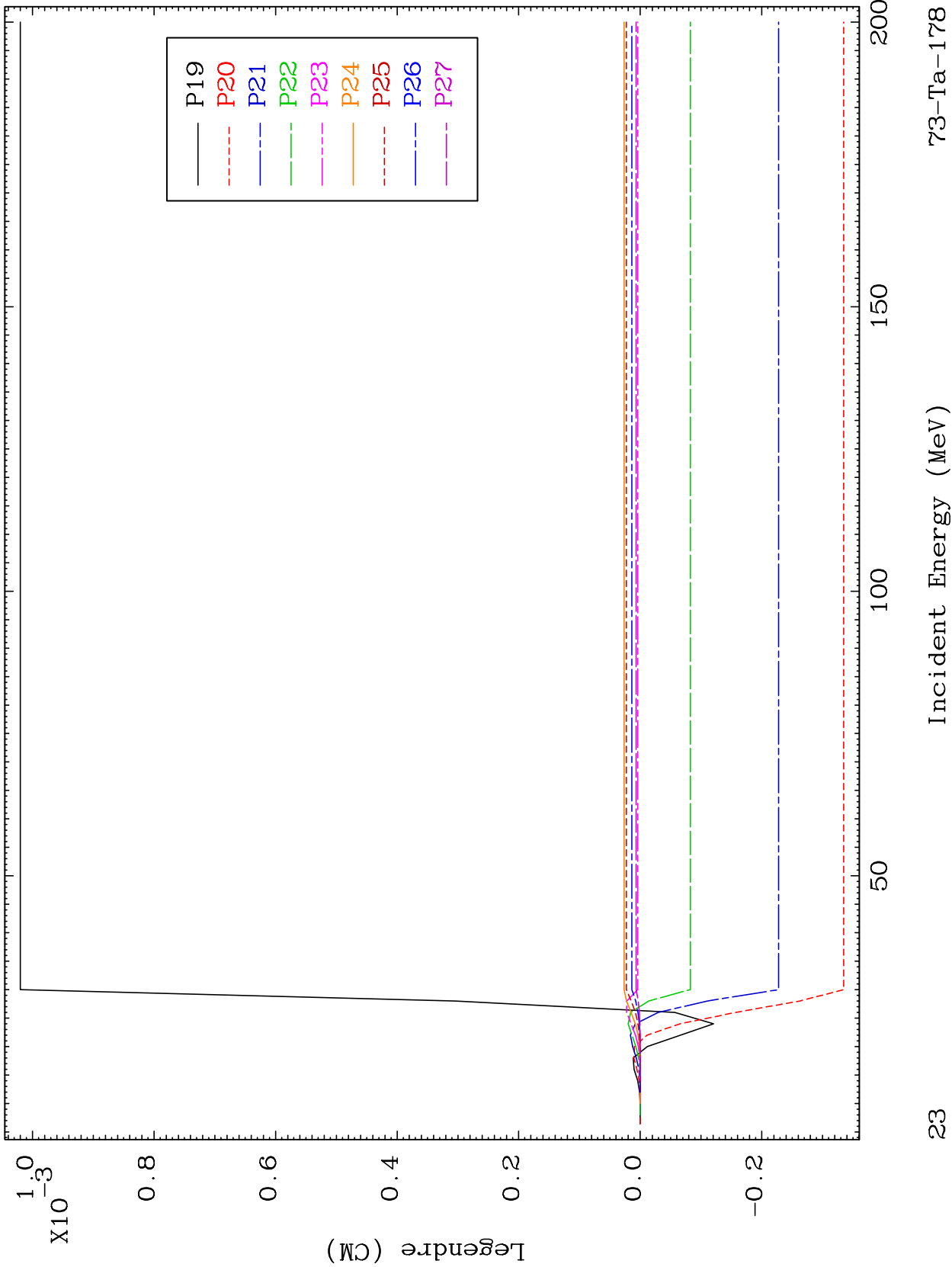




MAT 7319

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

73-Ta-178



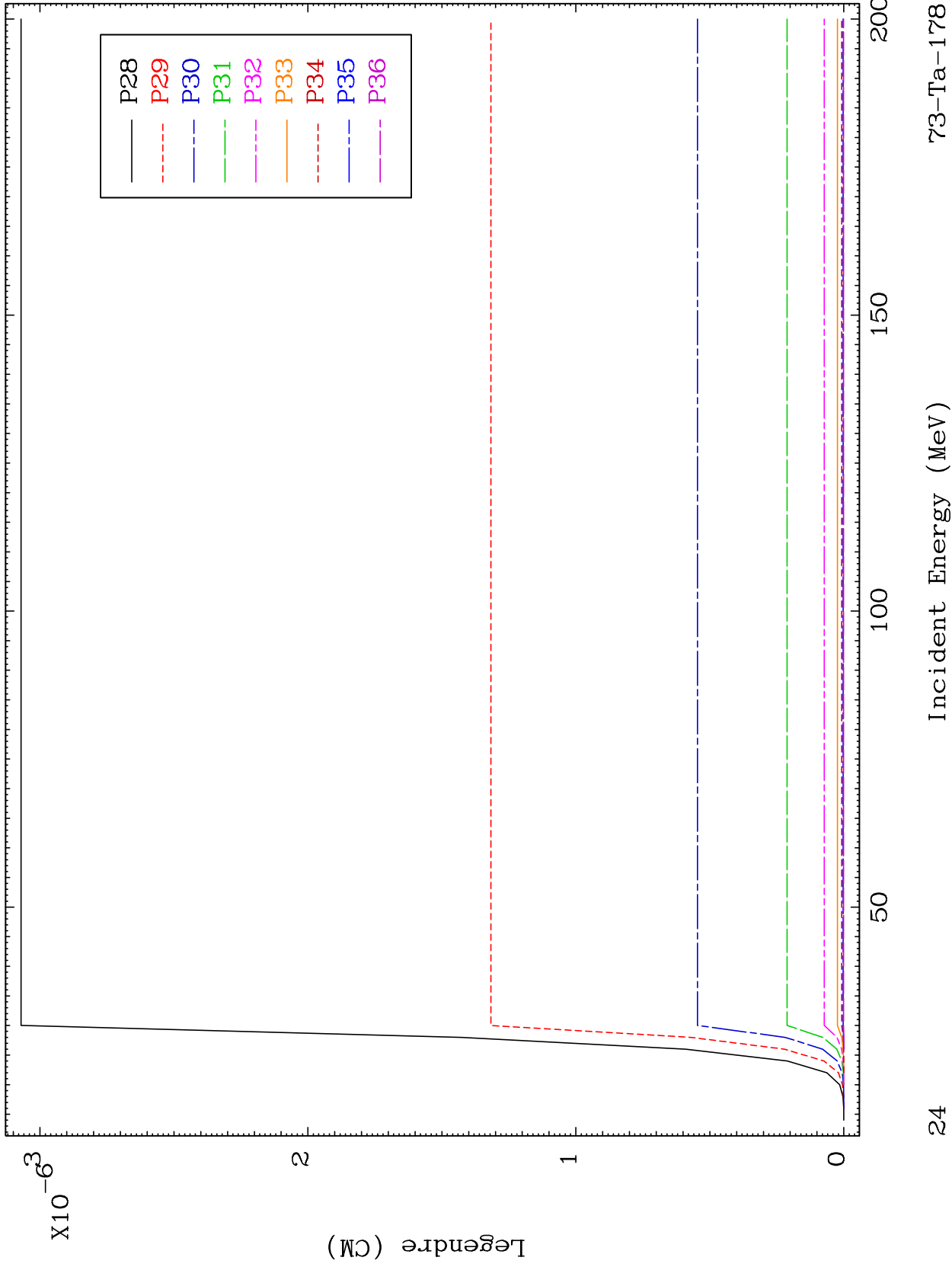
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73-Ta-178

MAT 7319

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

73-Ta-178



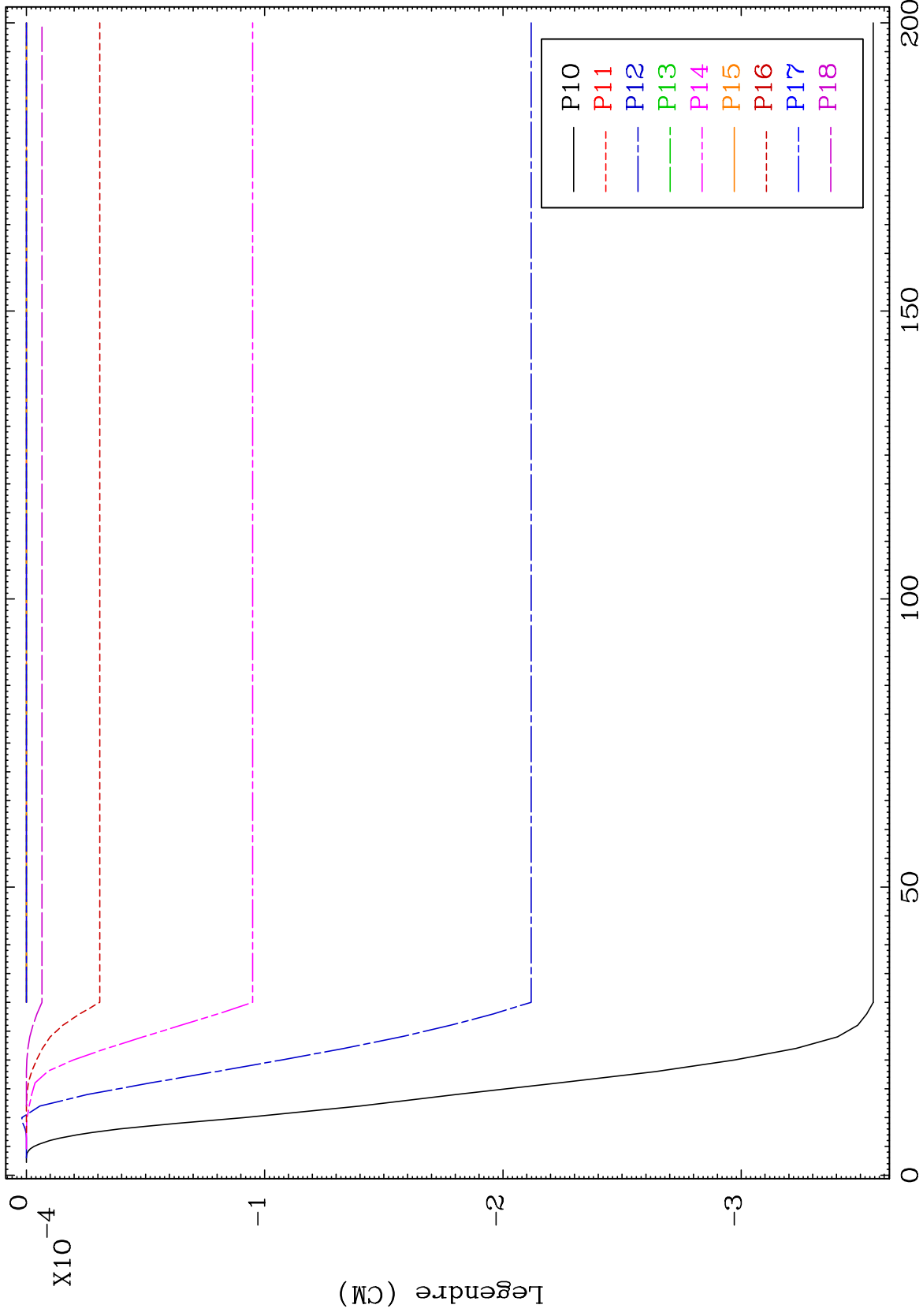
24

73-Ta-178

MAT 7319

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

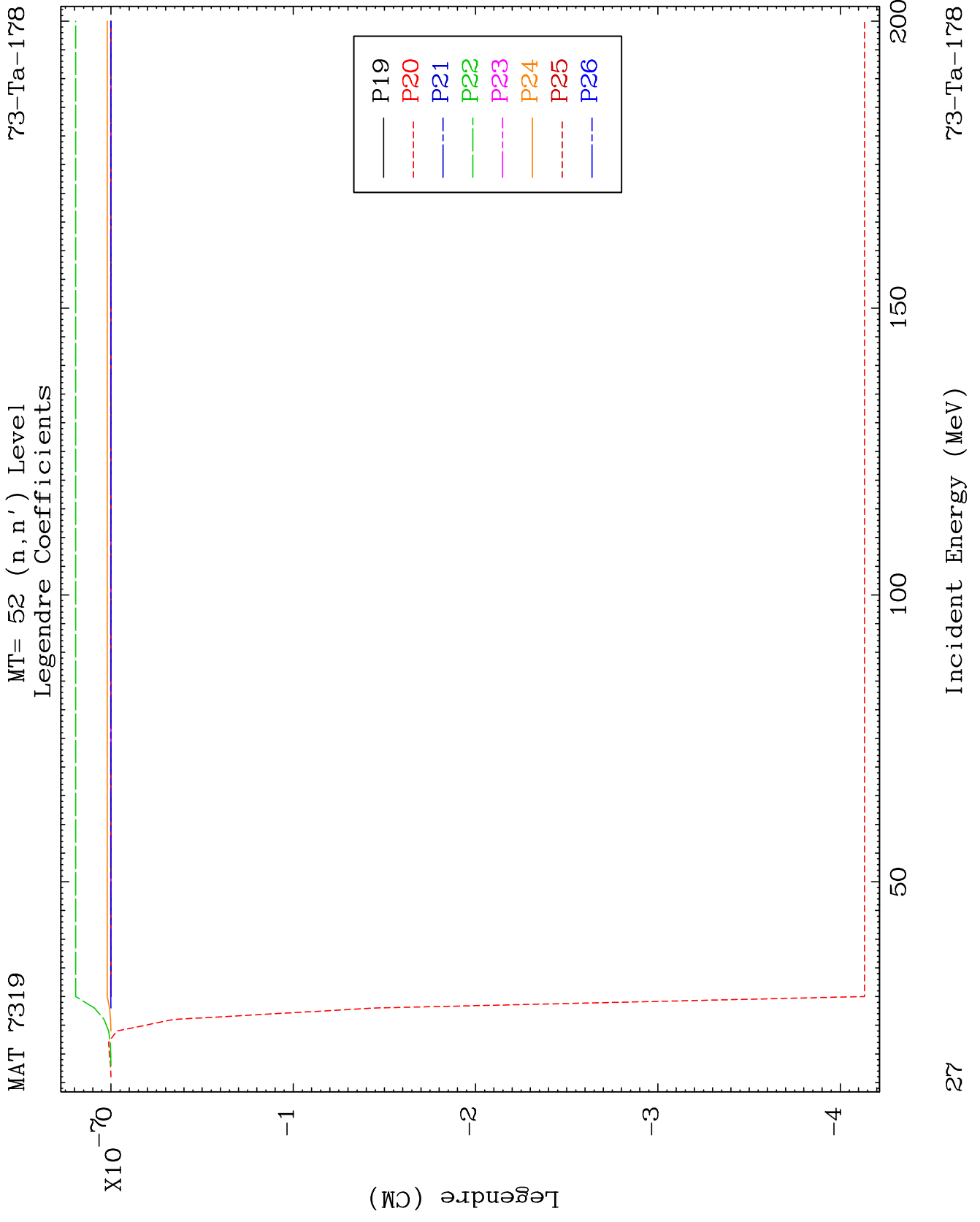
73-Ta-178

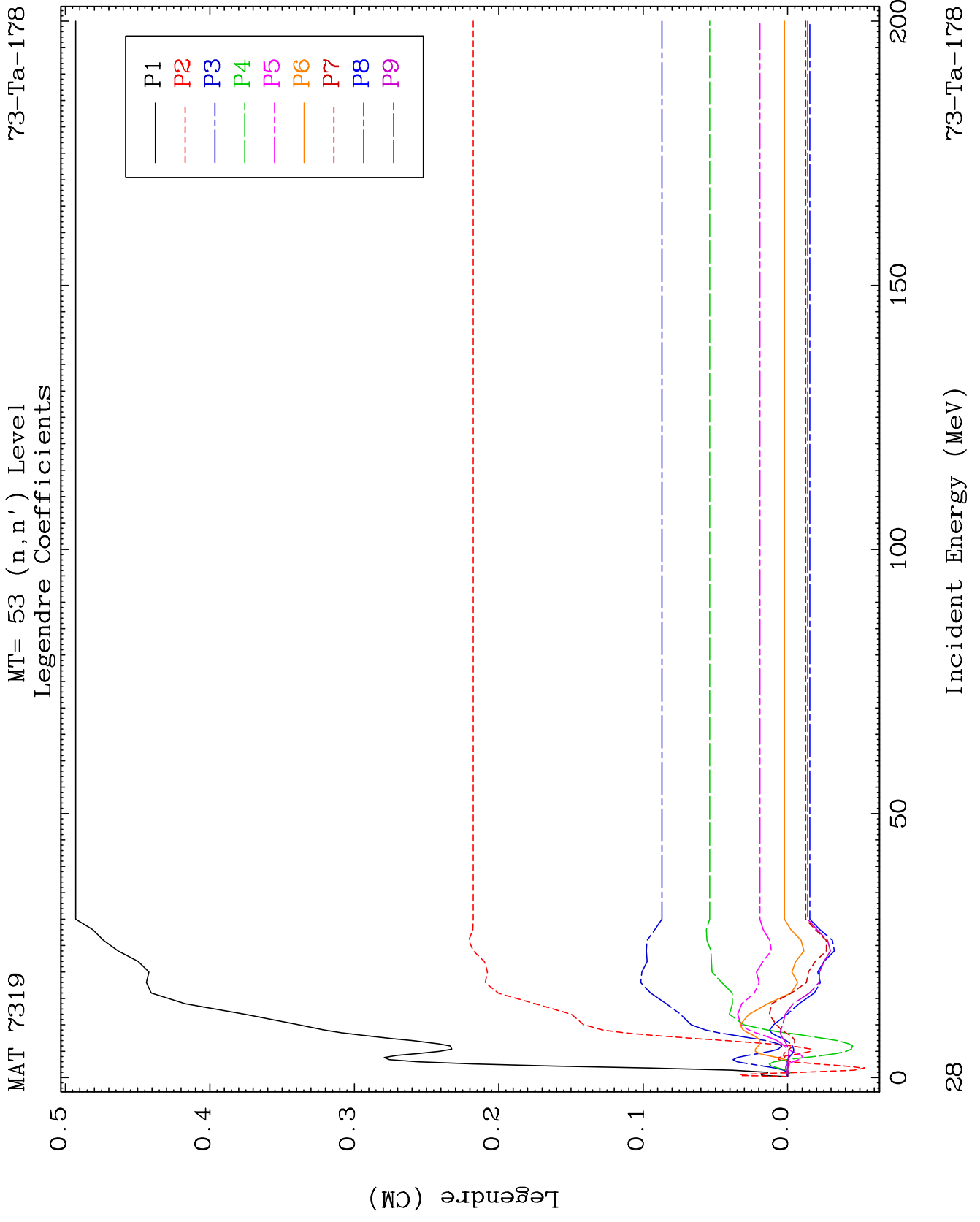


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Incident Energy (MeV)

73-Ta-178

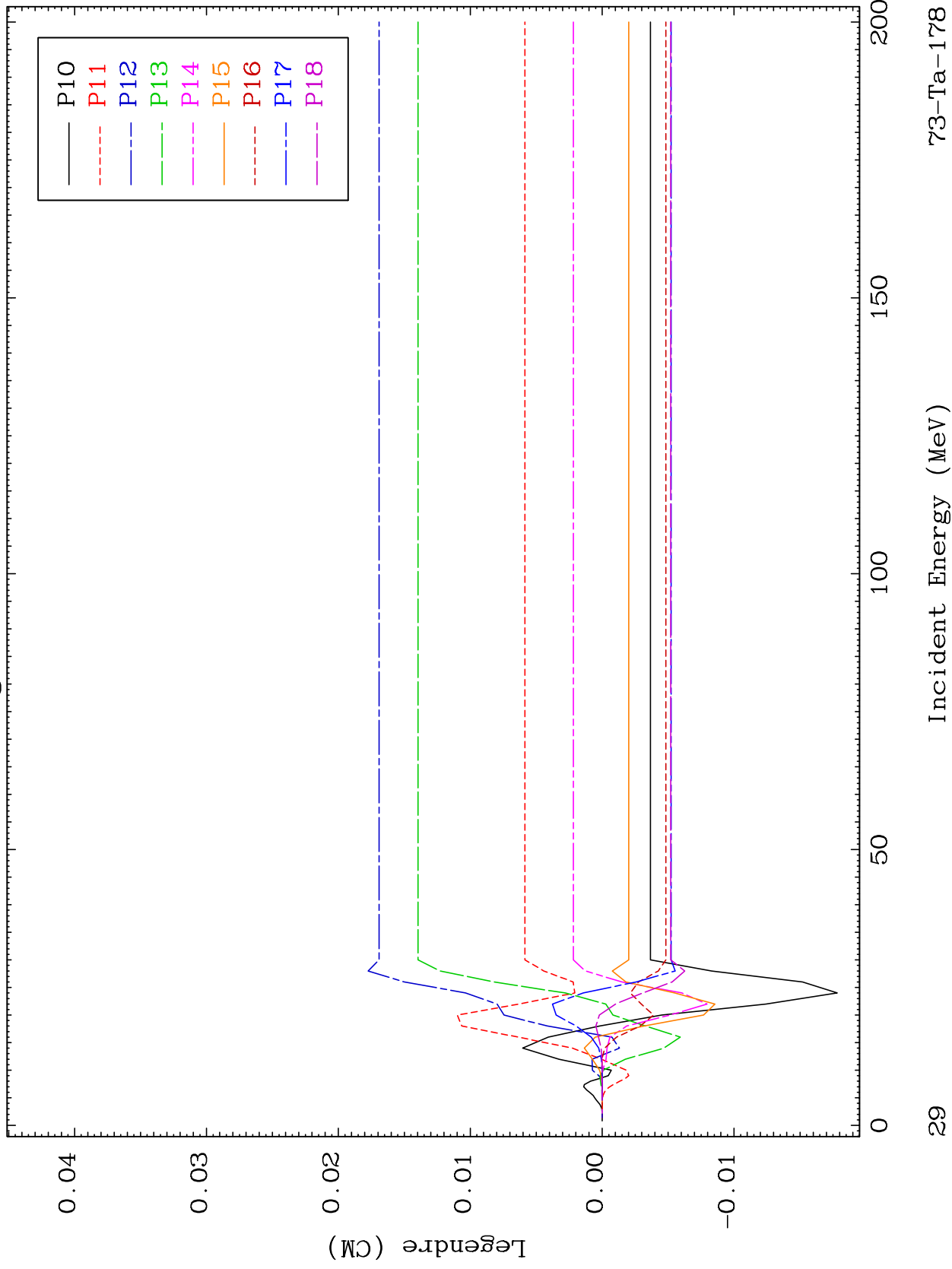




MAT 7319

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

73-Ta-178



73-Ta-178

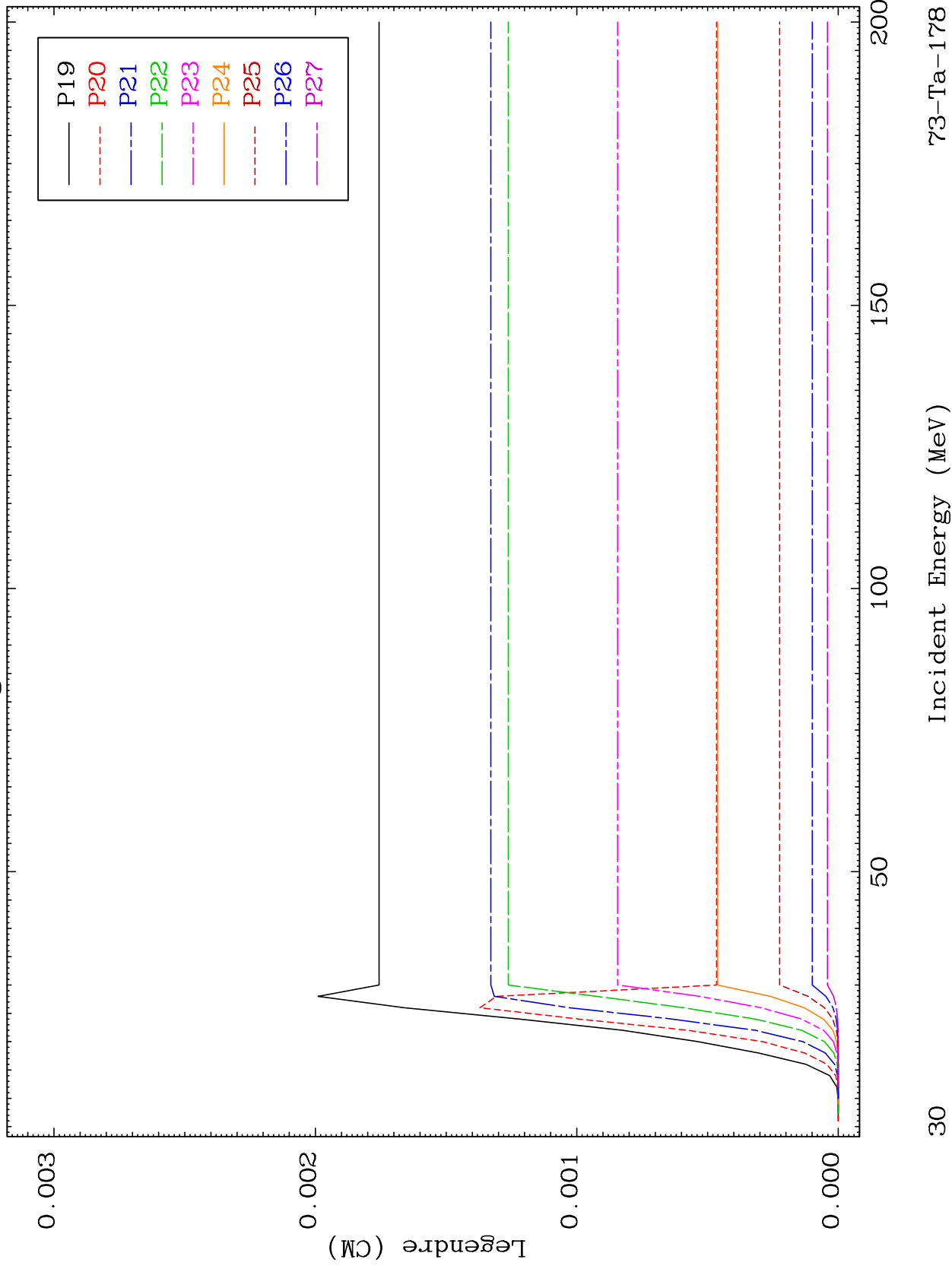
Incident Energy (MeV)

29

MAT 7319

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

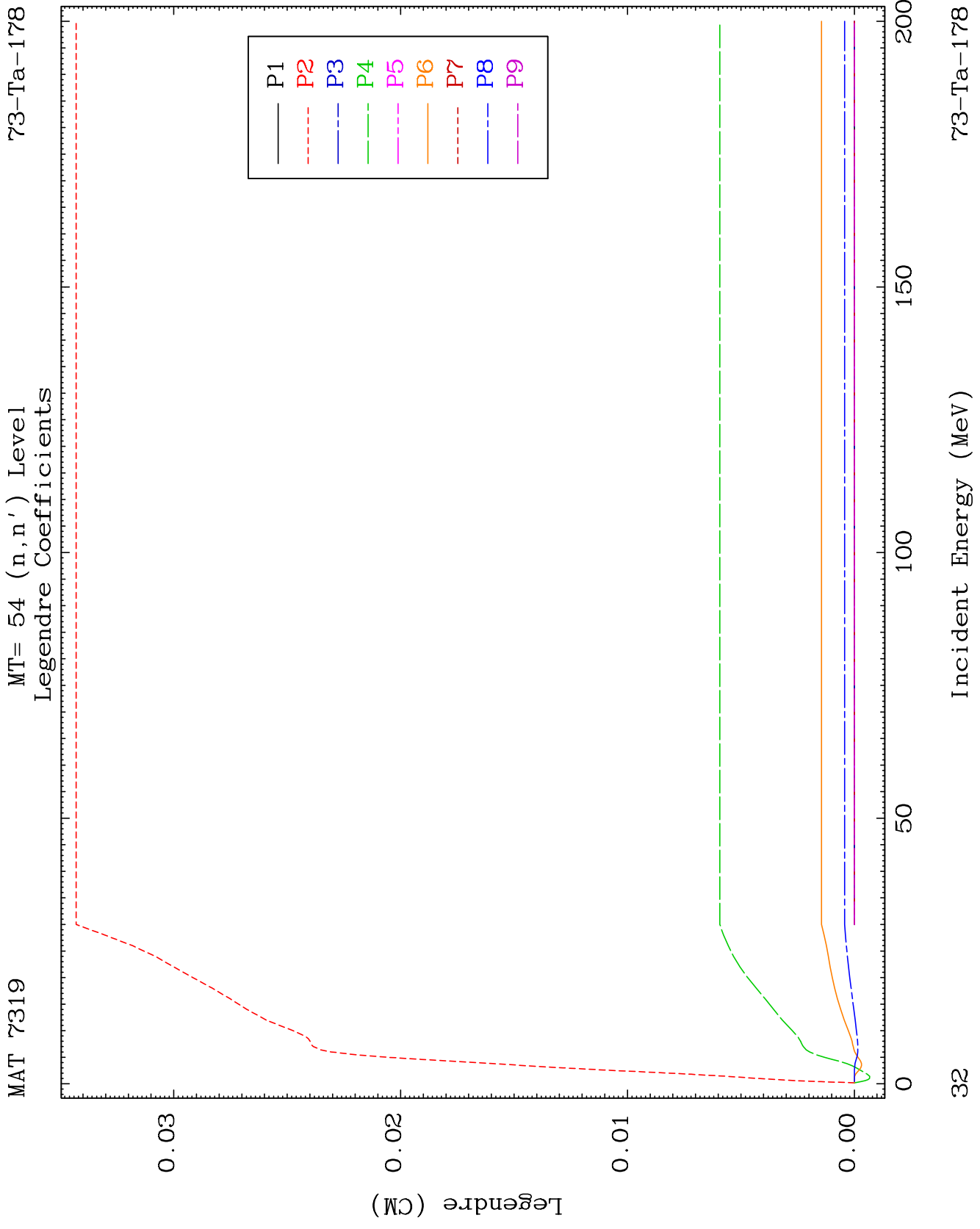
73-Ta-178



73-Ta-178

Incident Energy (MeV)

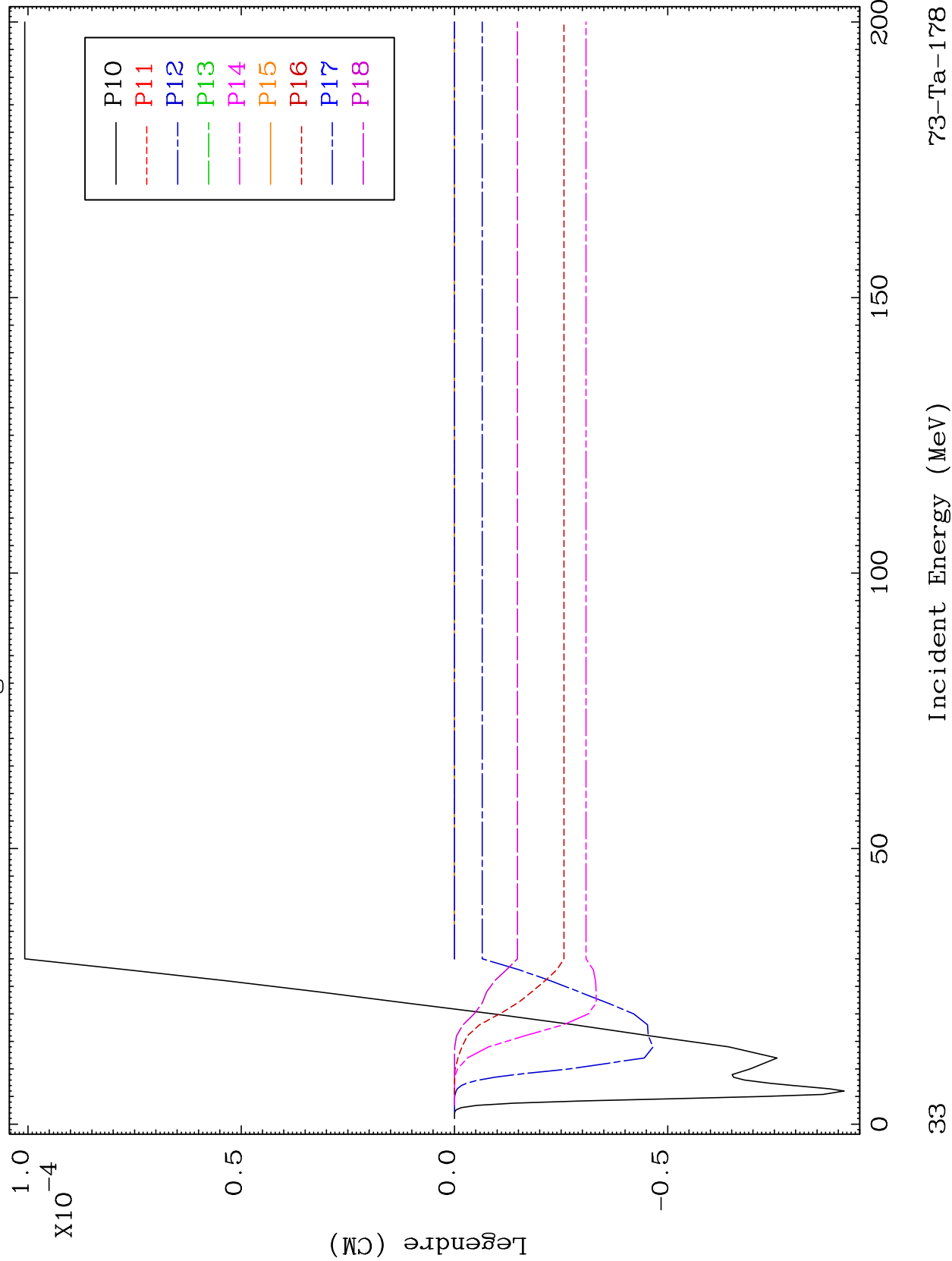
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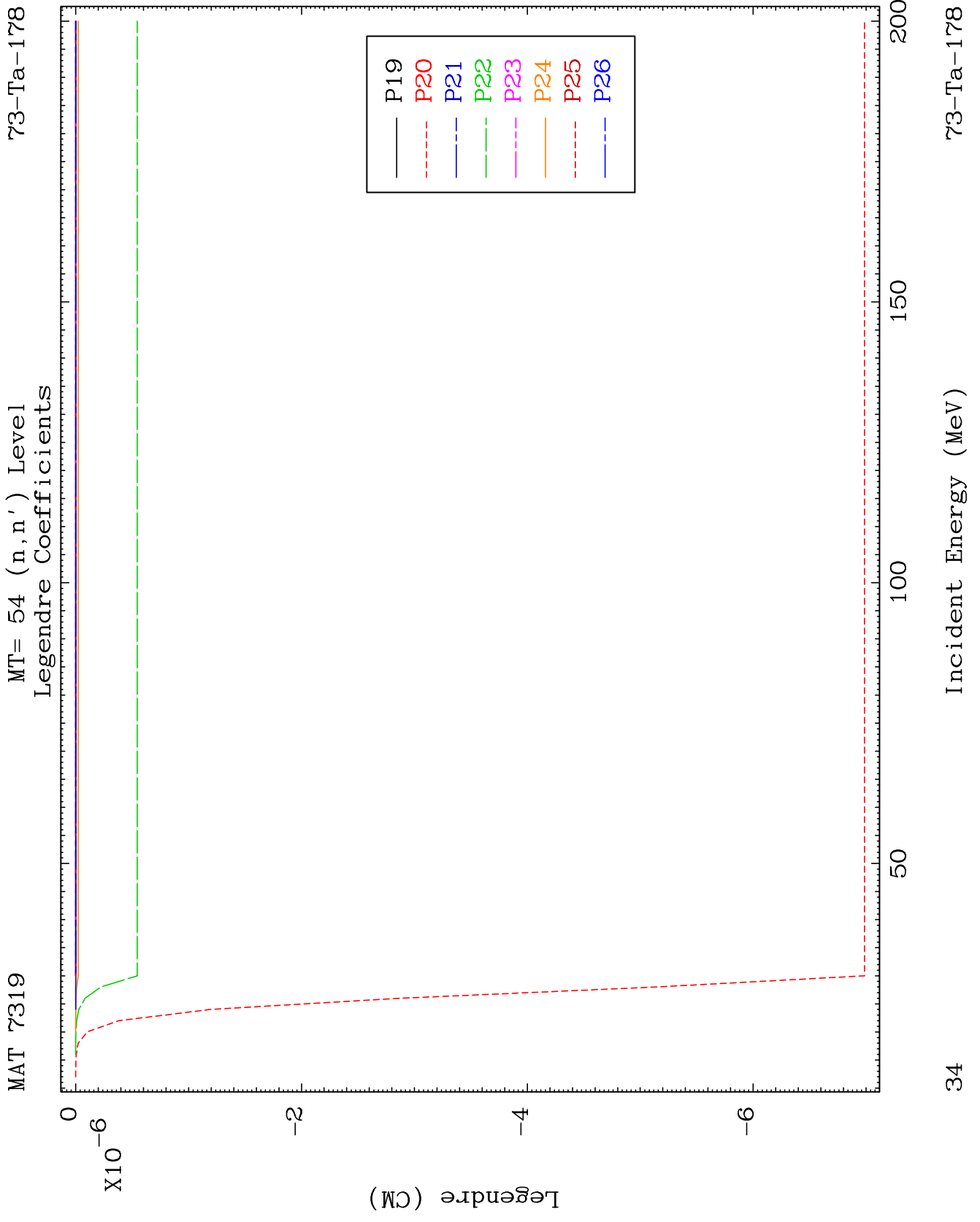
MAT 7319

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

73-Ta-178



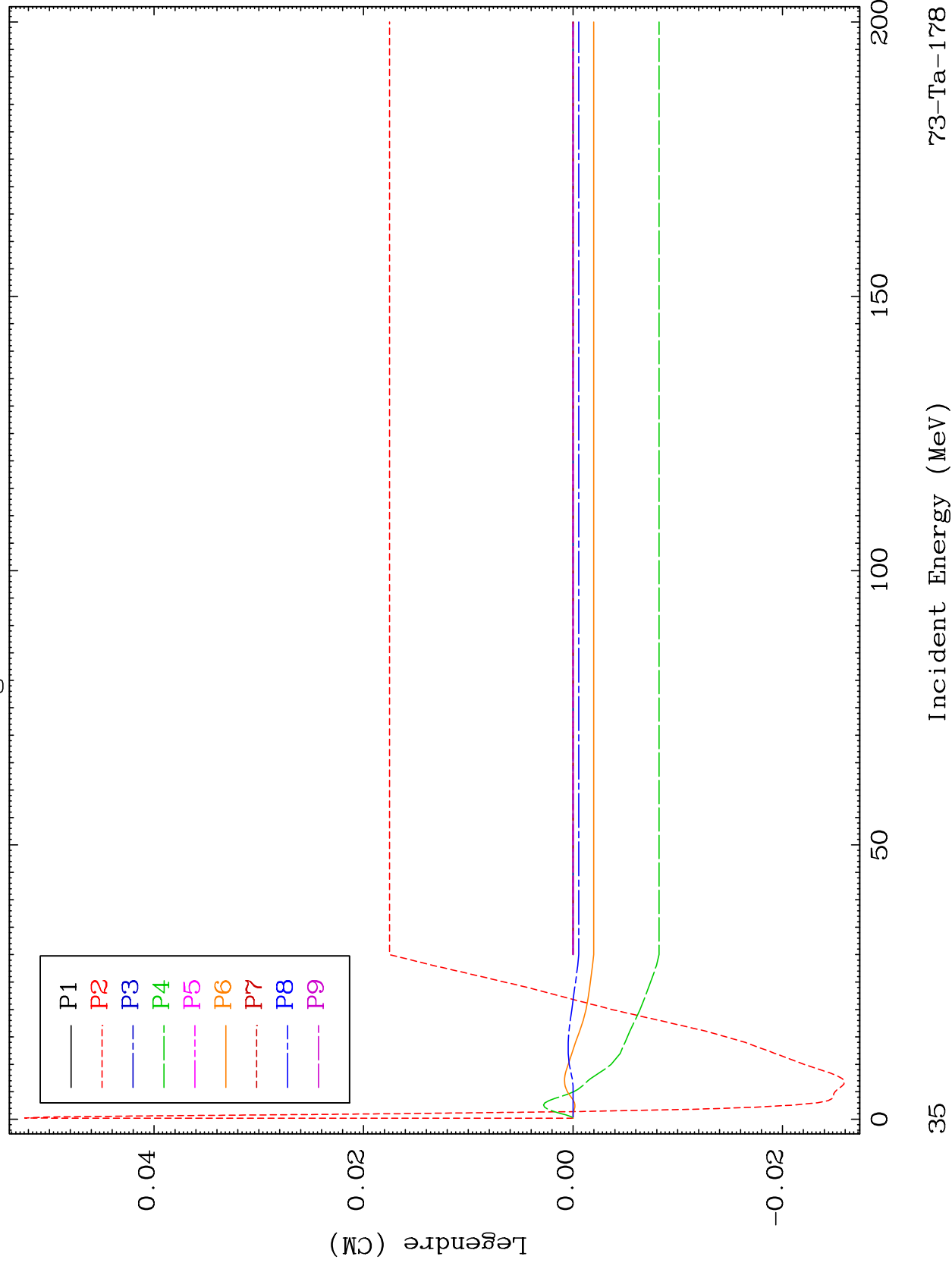
33



MAT 7319

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

⁷³Ta-178



⁷³Ta-178

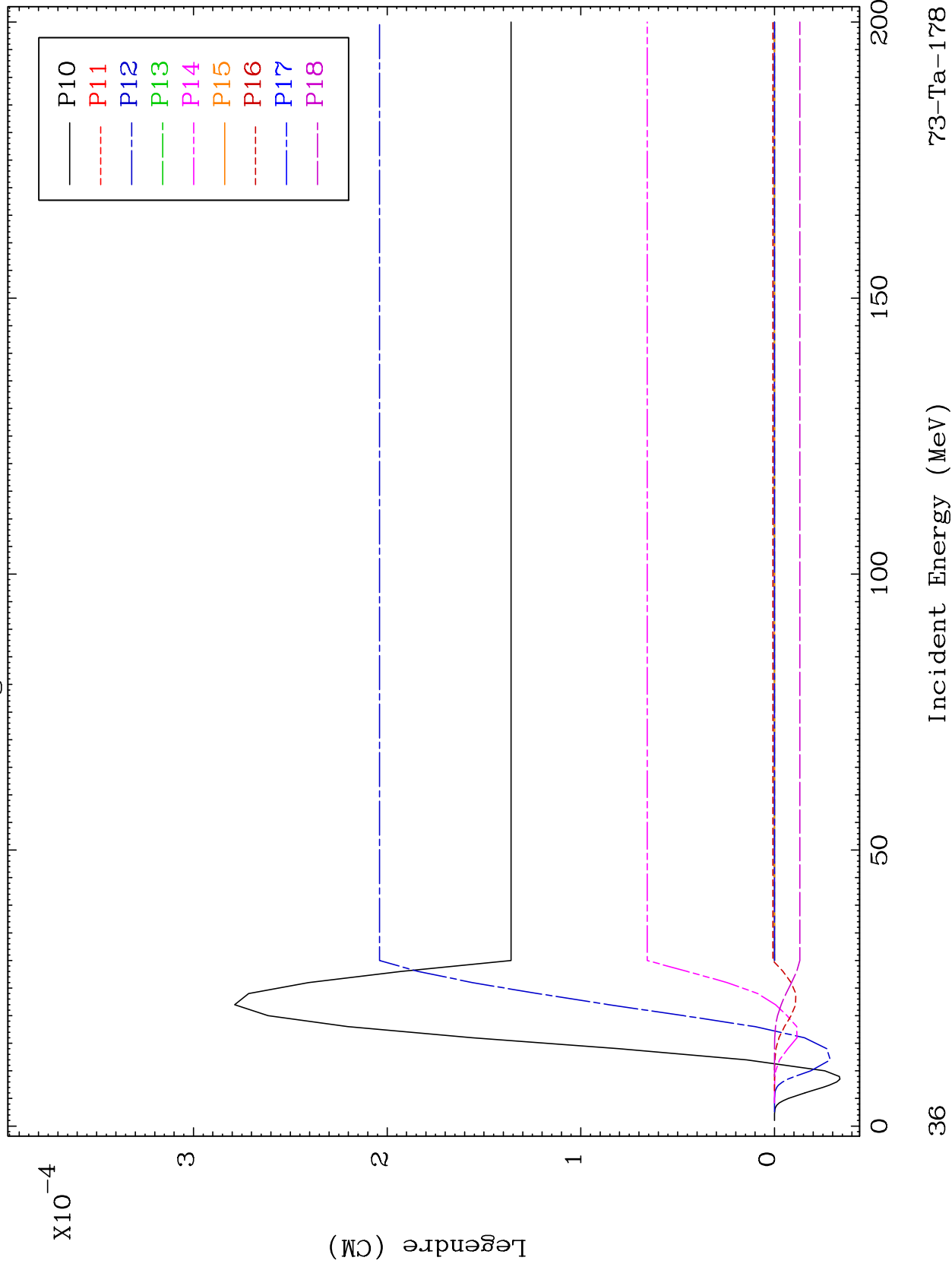
Incident Energy (MeV)

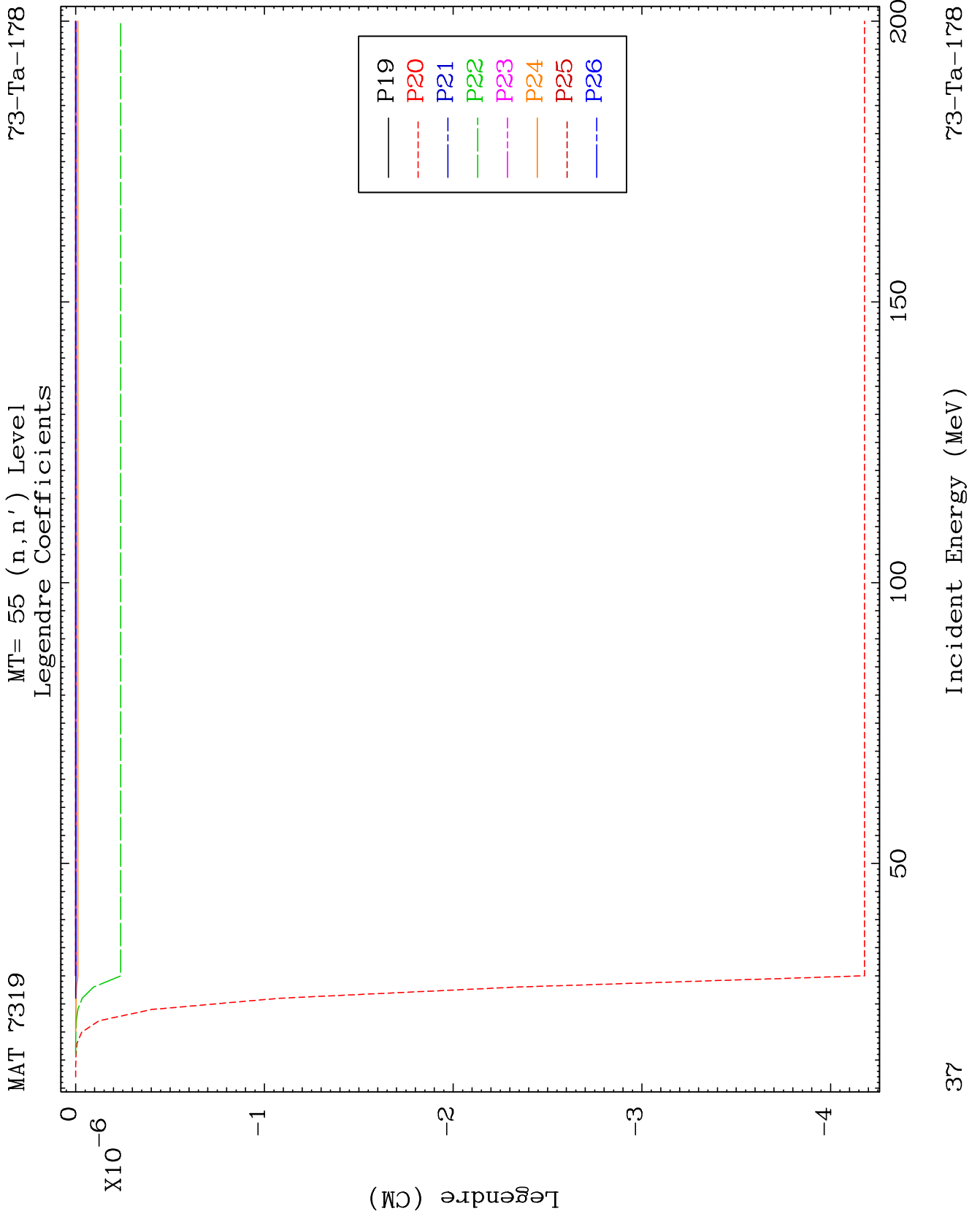
35

MAT 7319

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

73-Ta-178

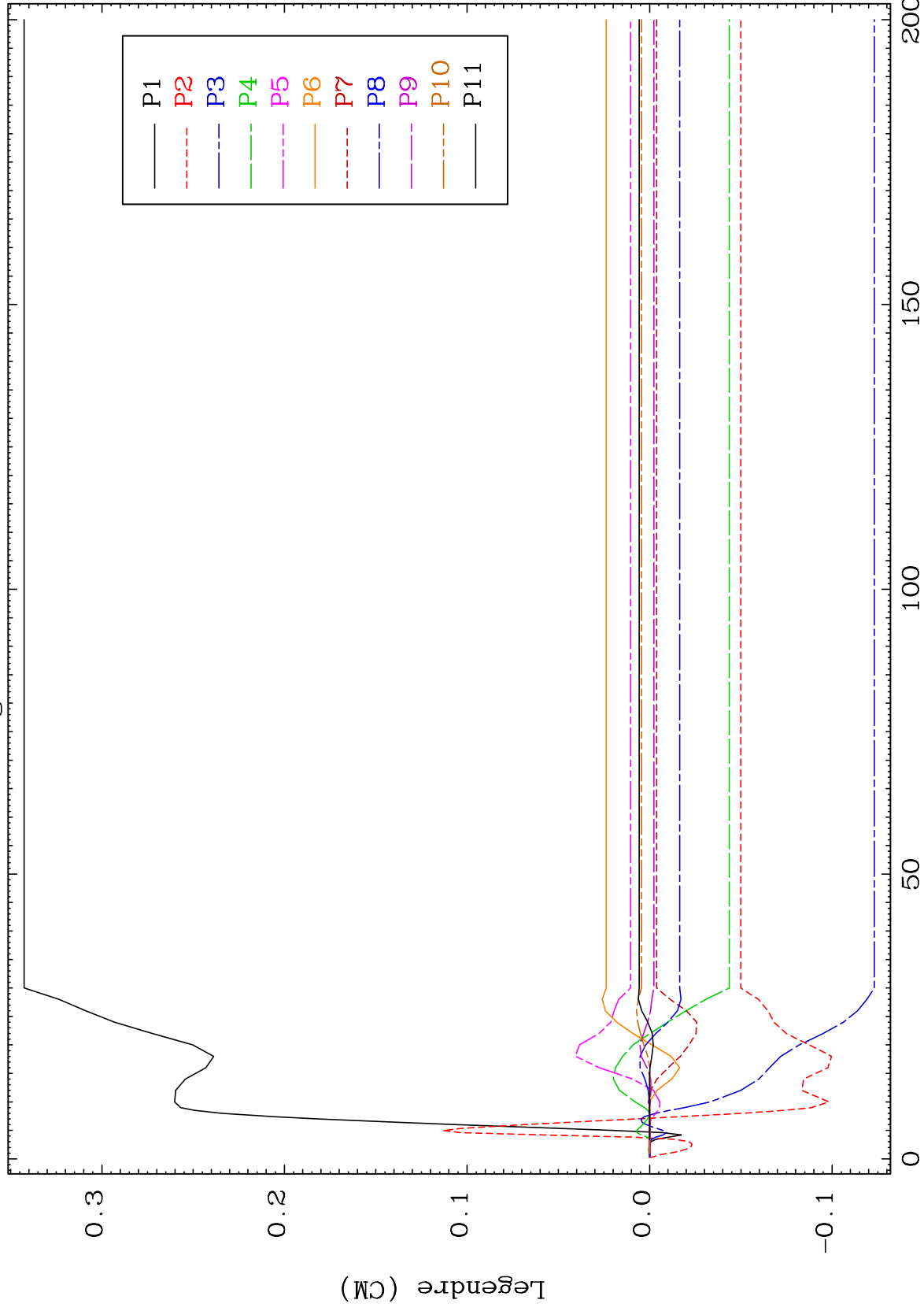




MAT 7319

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

73-Ta-178



38

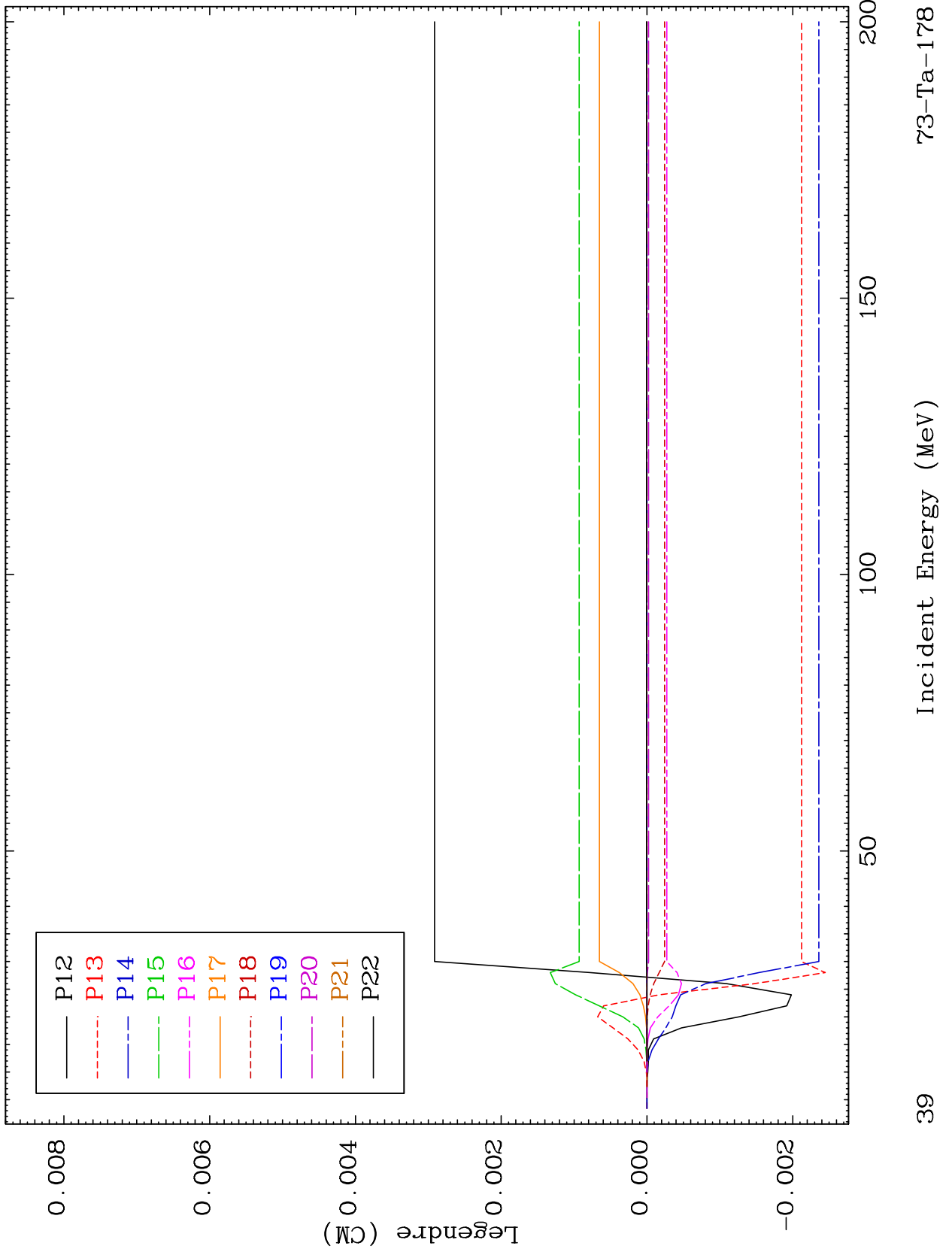
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

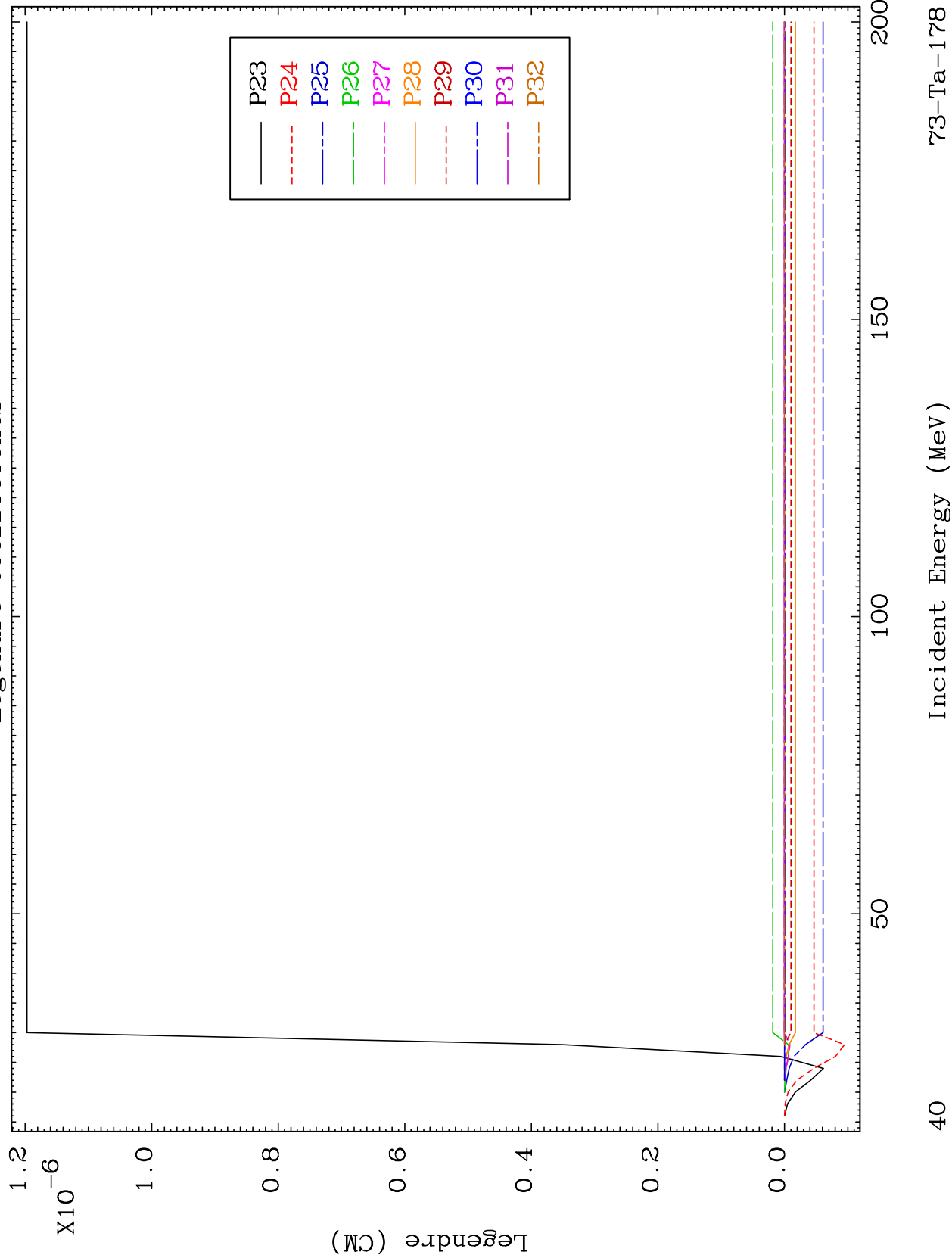
73-Ta-178



MAT 7319

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

73-Ta-178



73-Ta-178

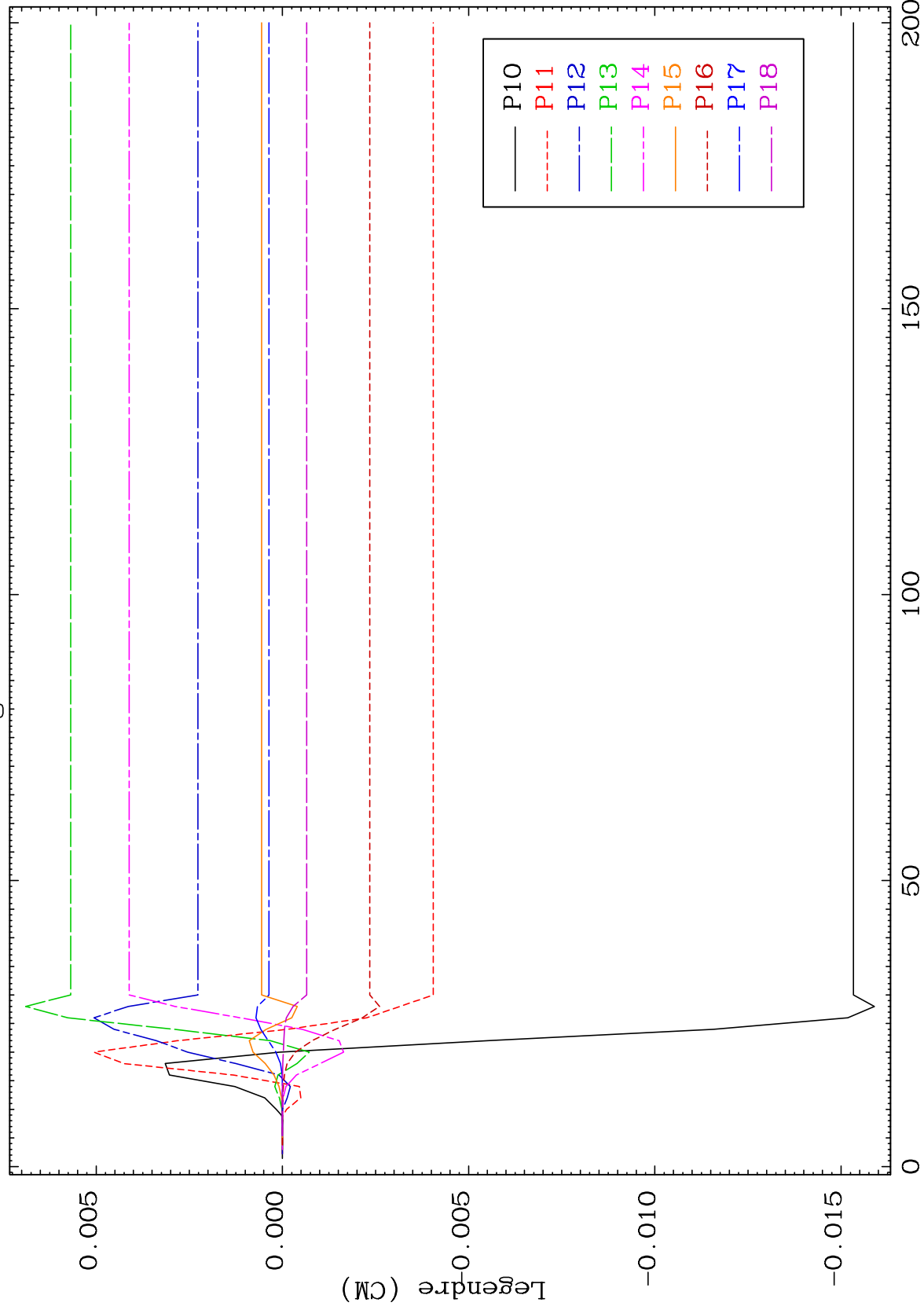
Incident Energy (MeV)

40

MAT 7319

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

73-Ta-178



42

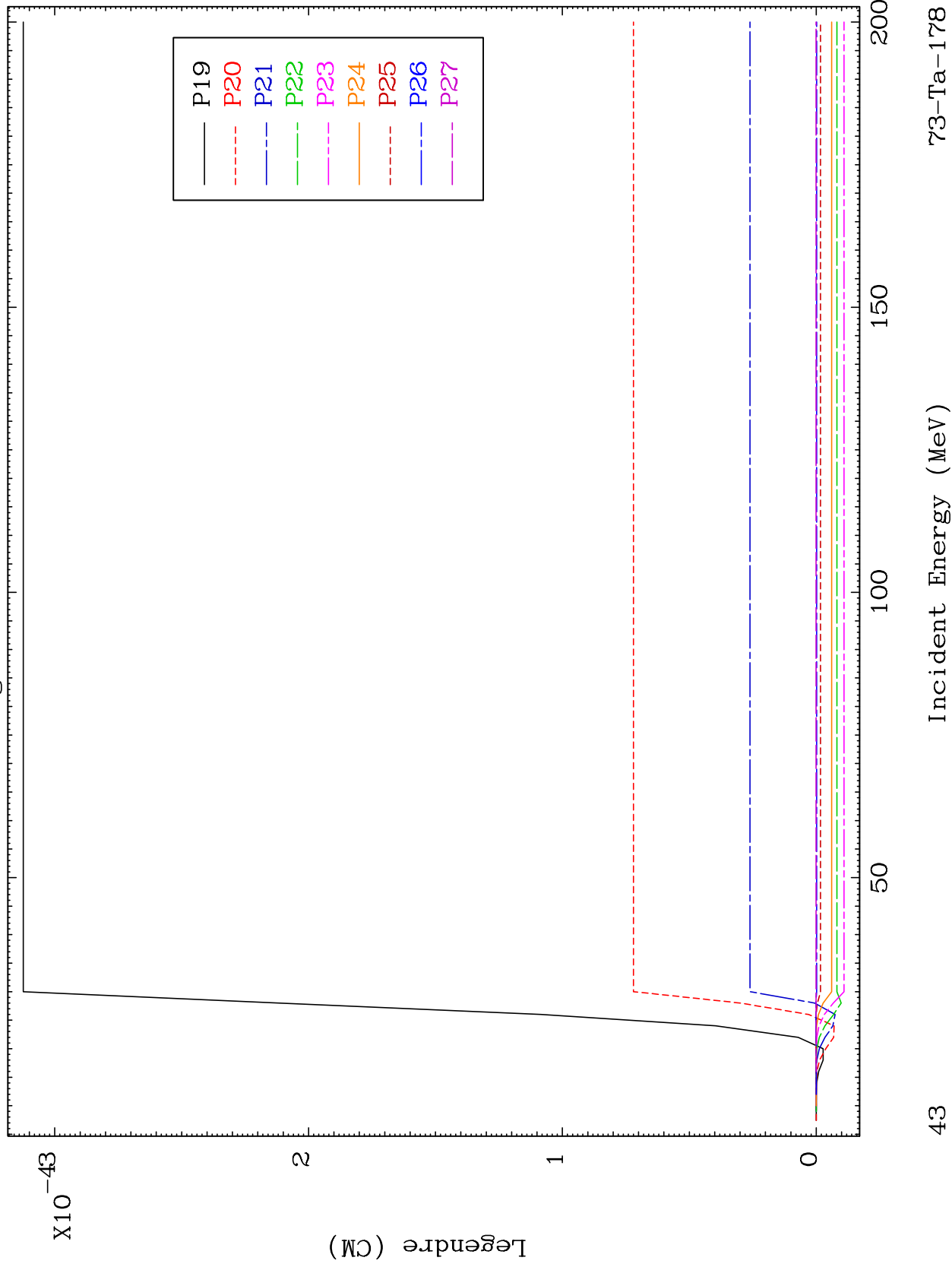
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

73-Ta-178



43

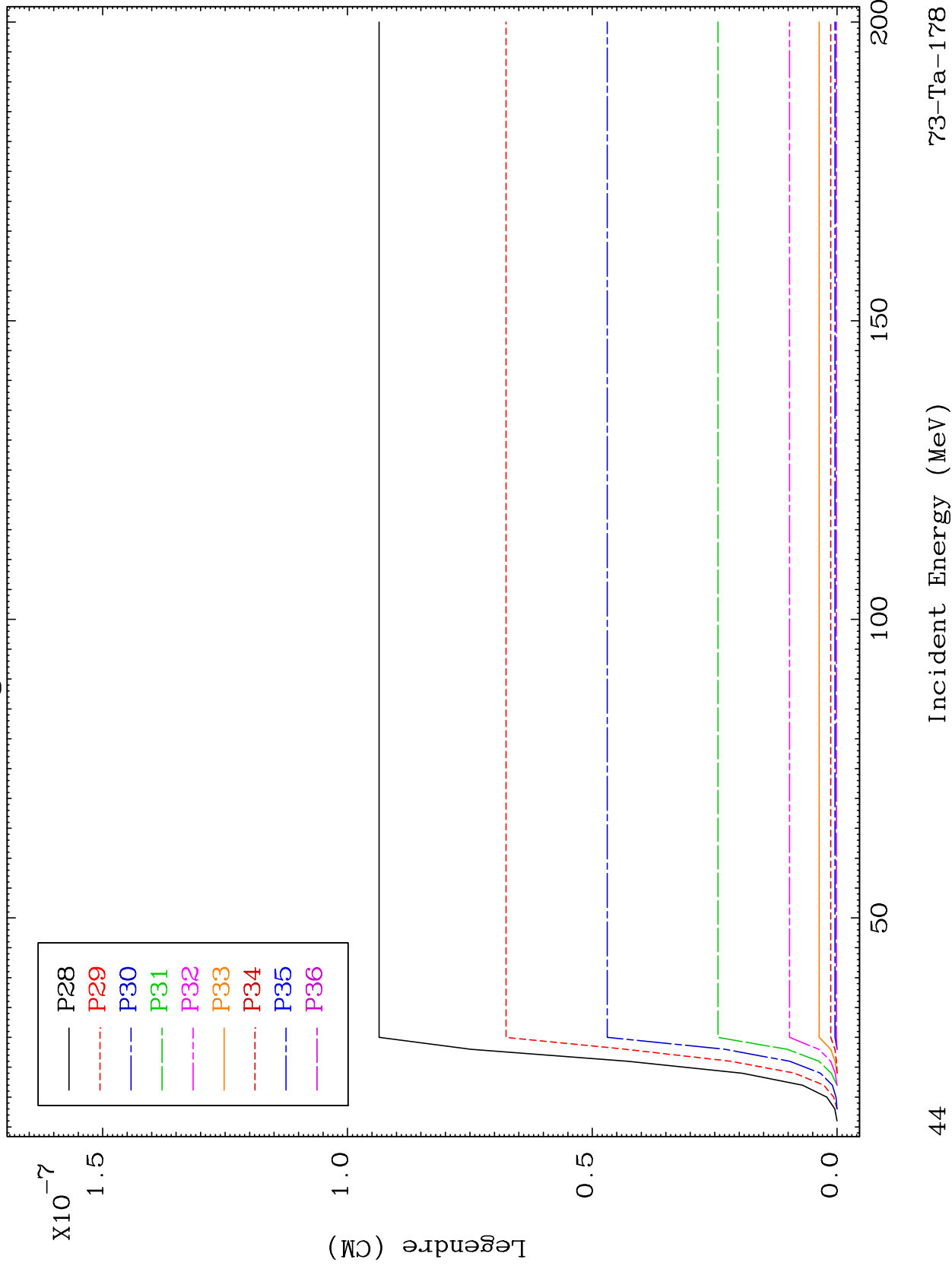
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

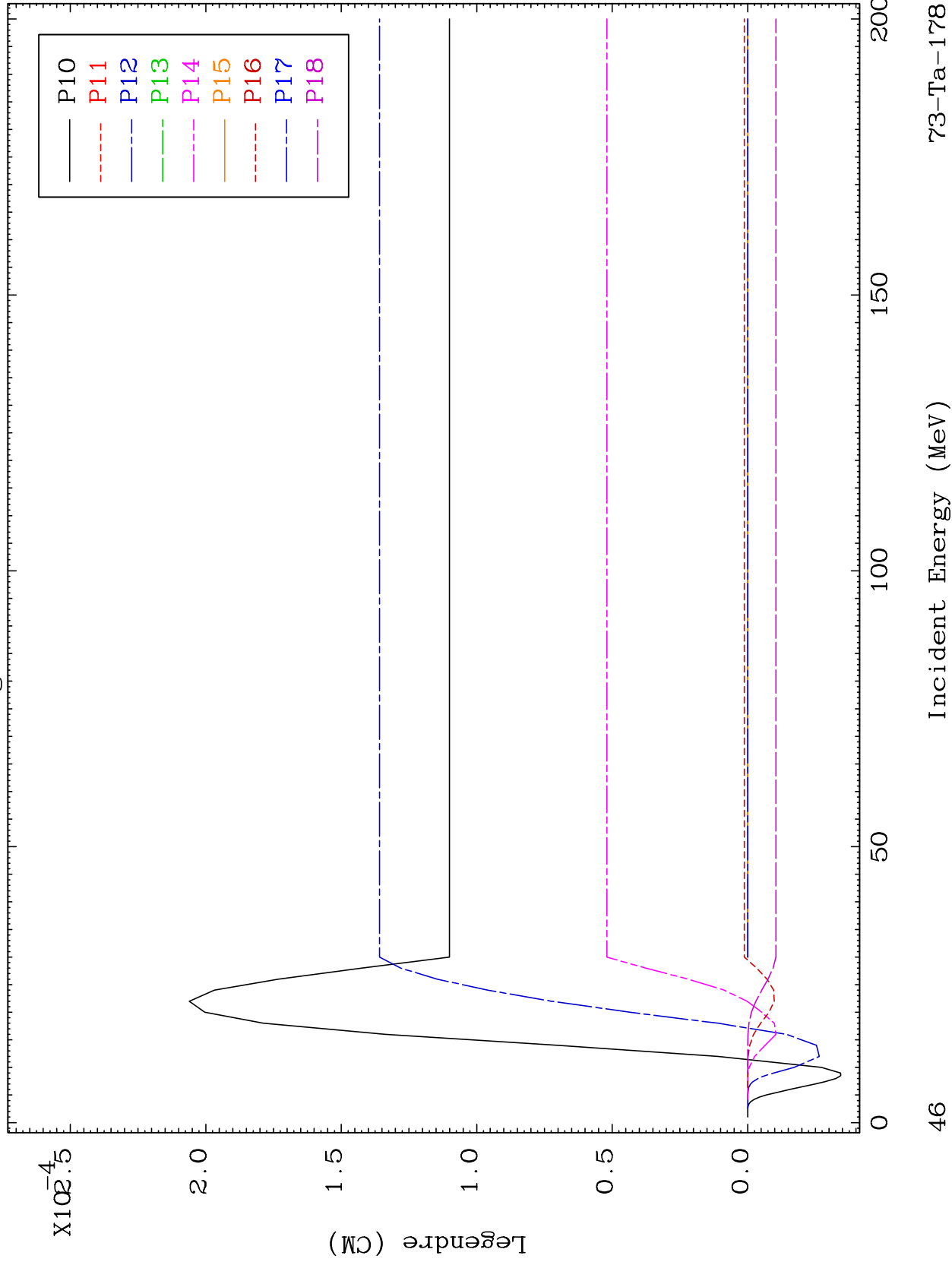
73-Ta-178



MAT 7319

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

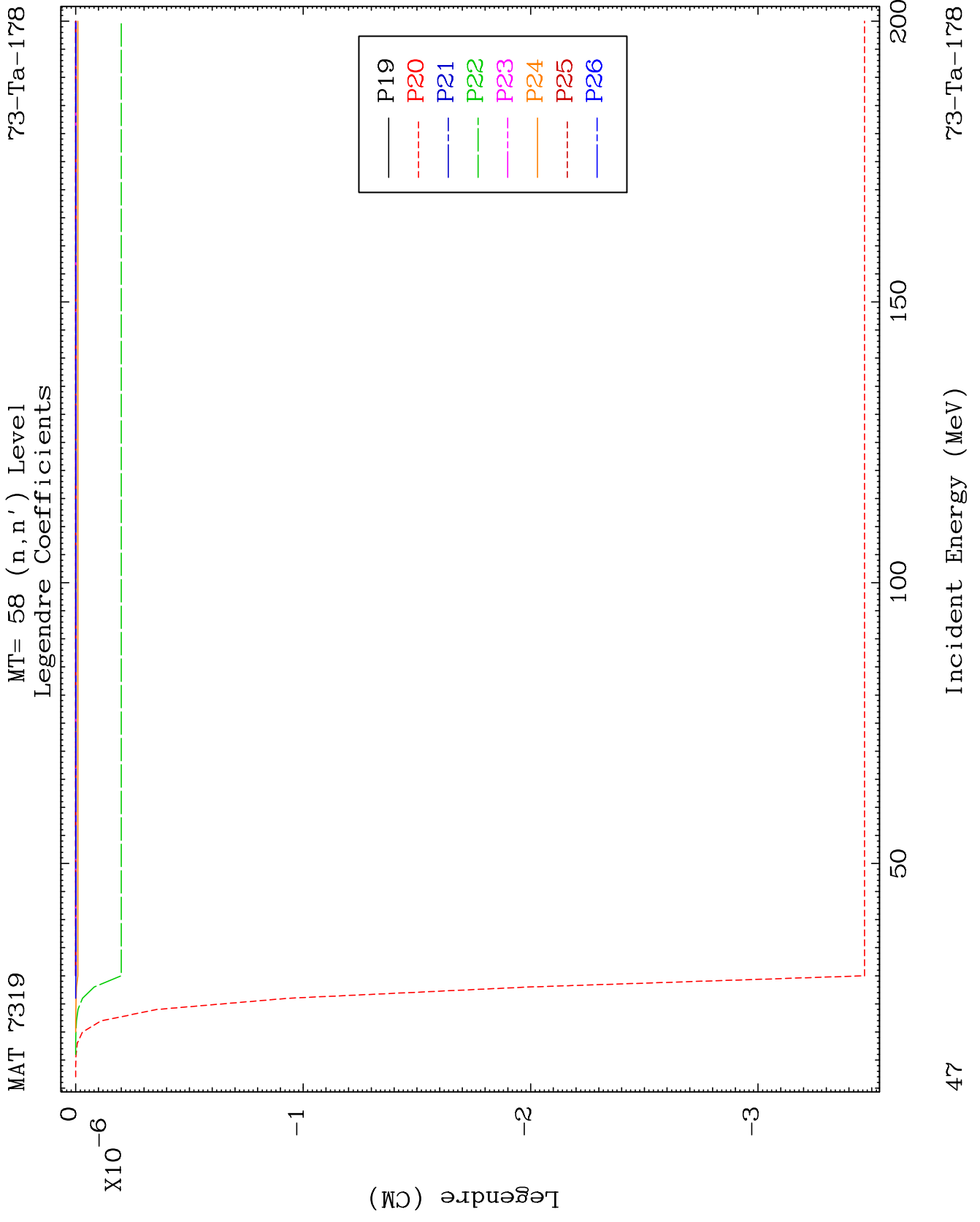
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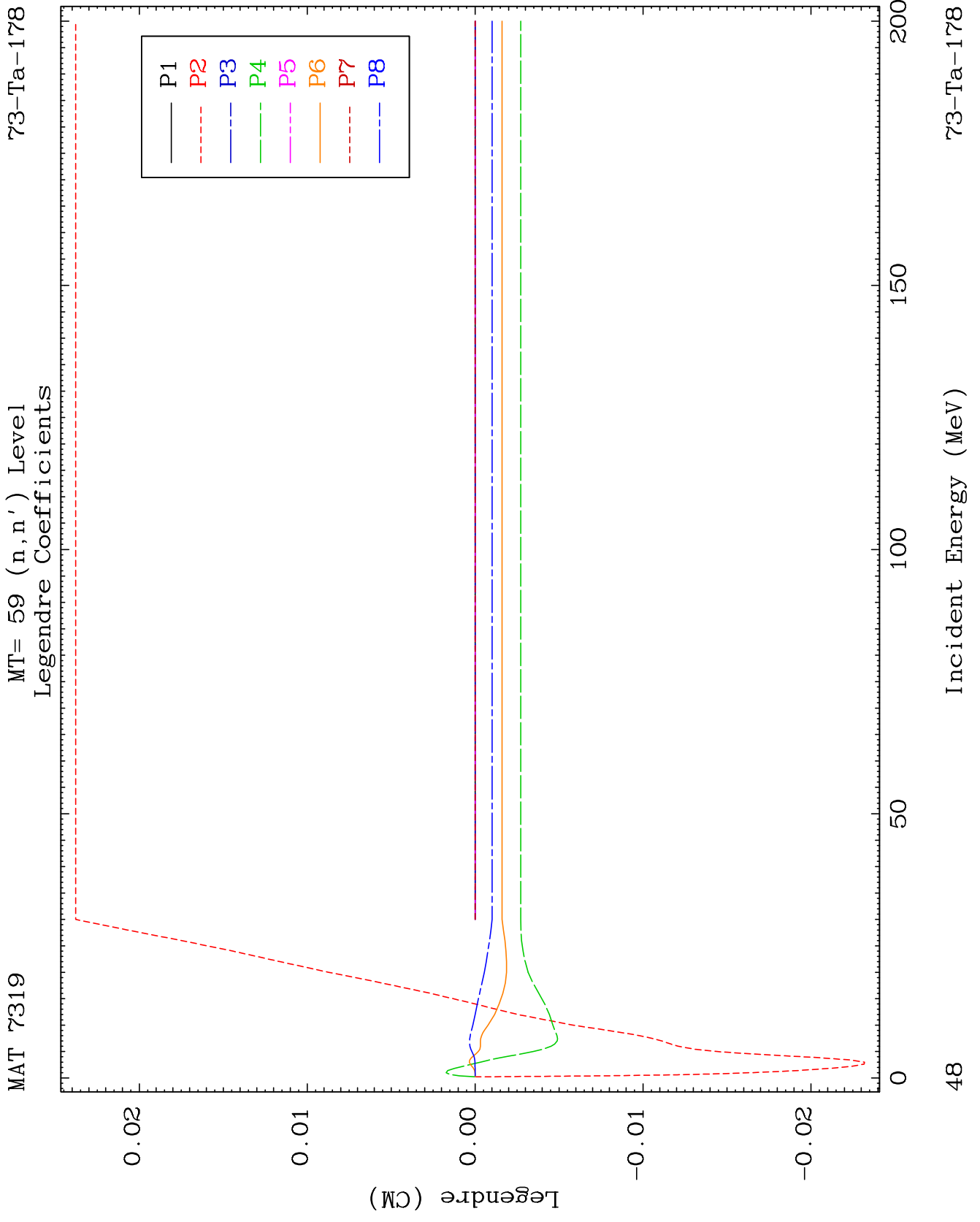


46

Incident Energy (MeV)

73-Ta-178

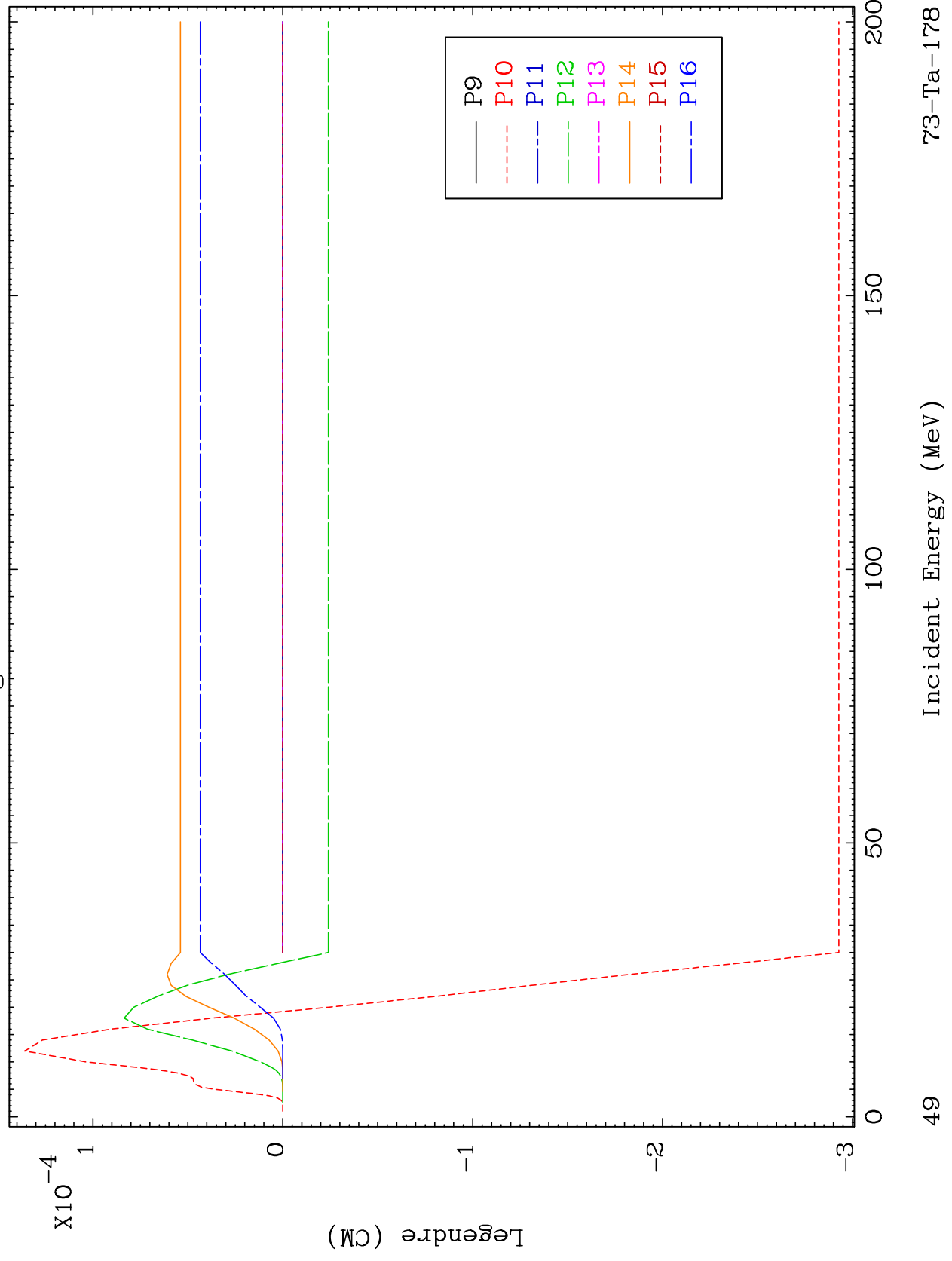




MAT 7319

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

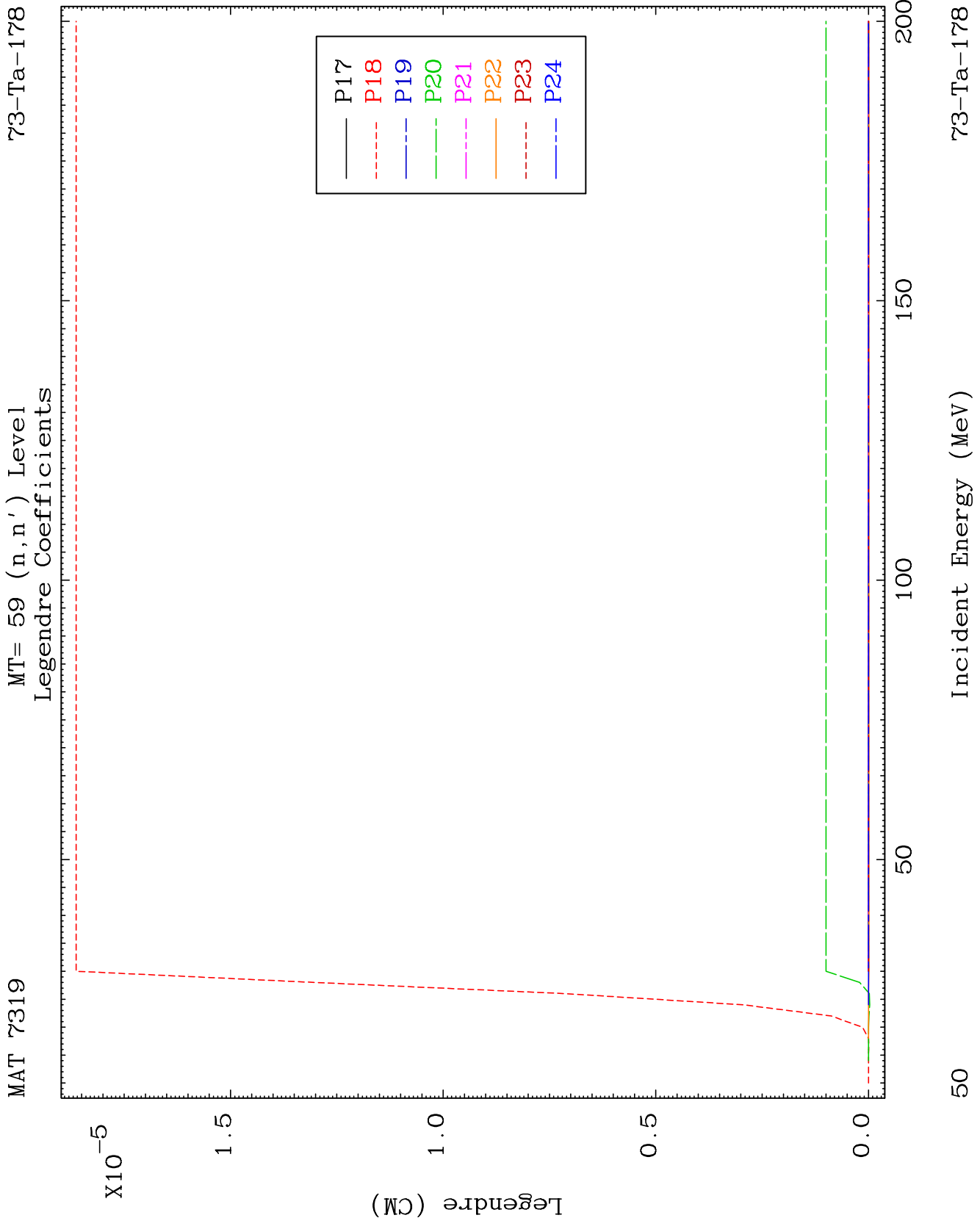
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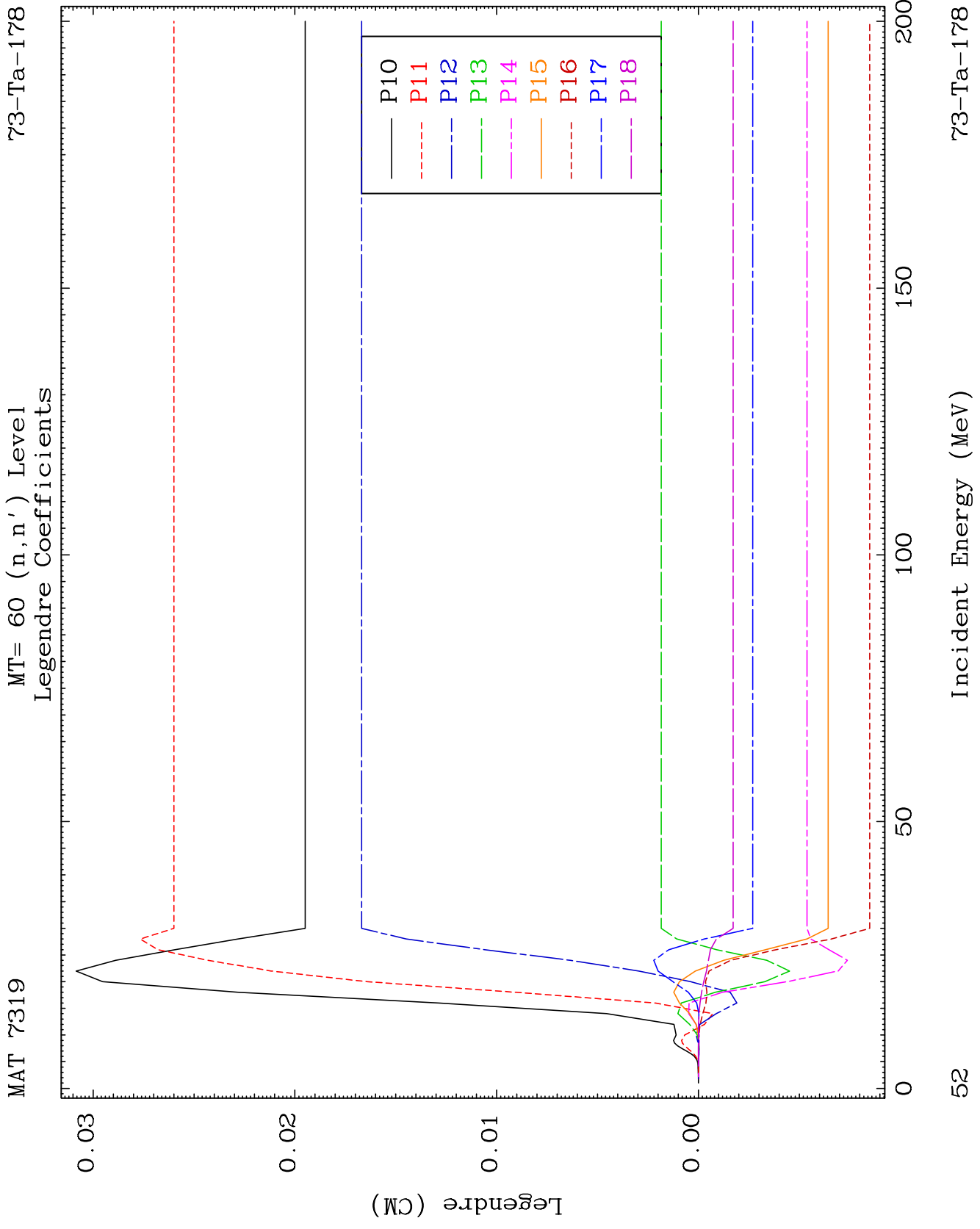


73-Ta-178

Incident Energy (MeV)

49

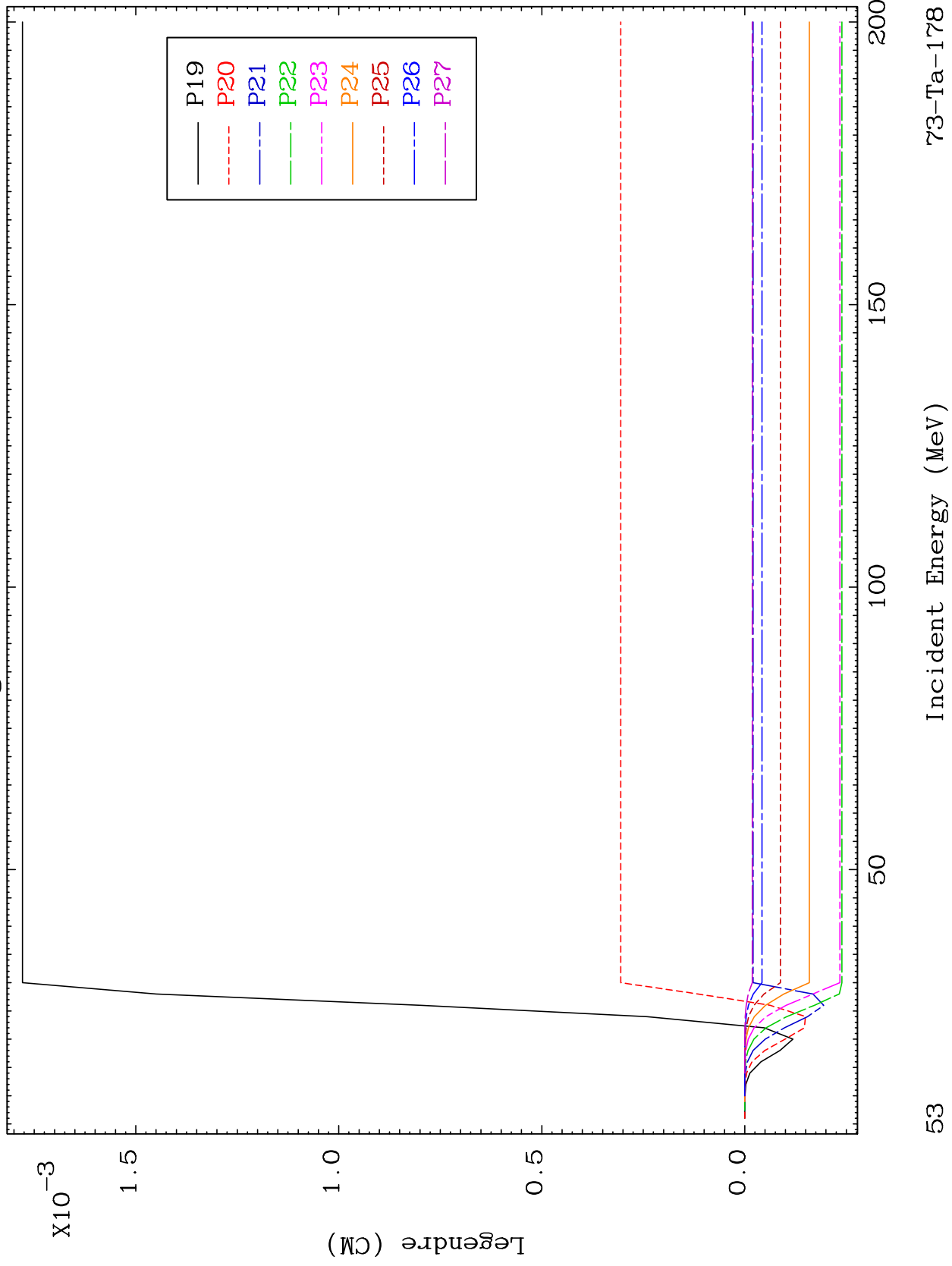


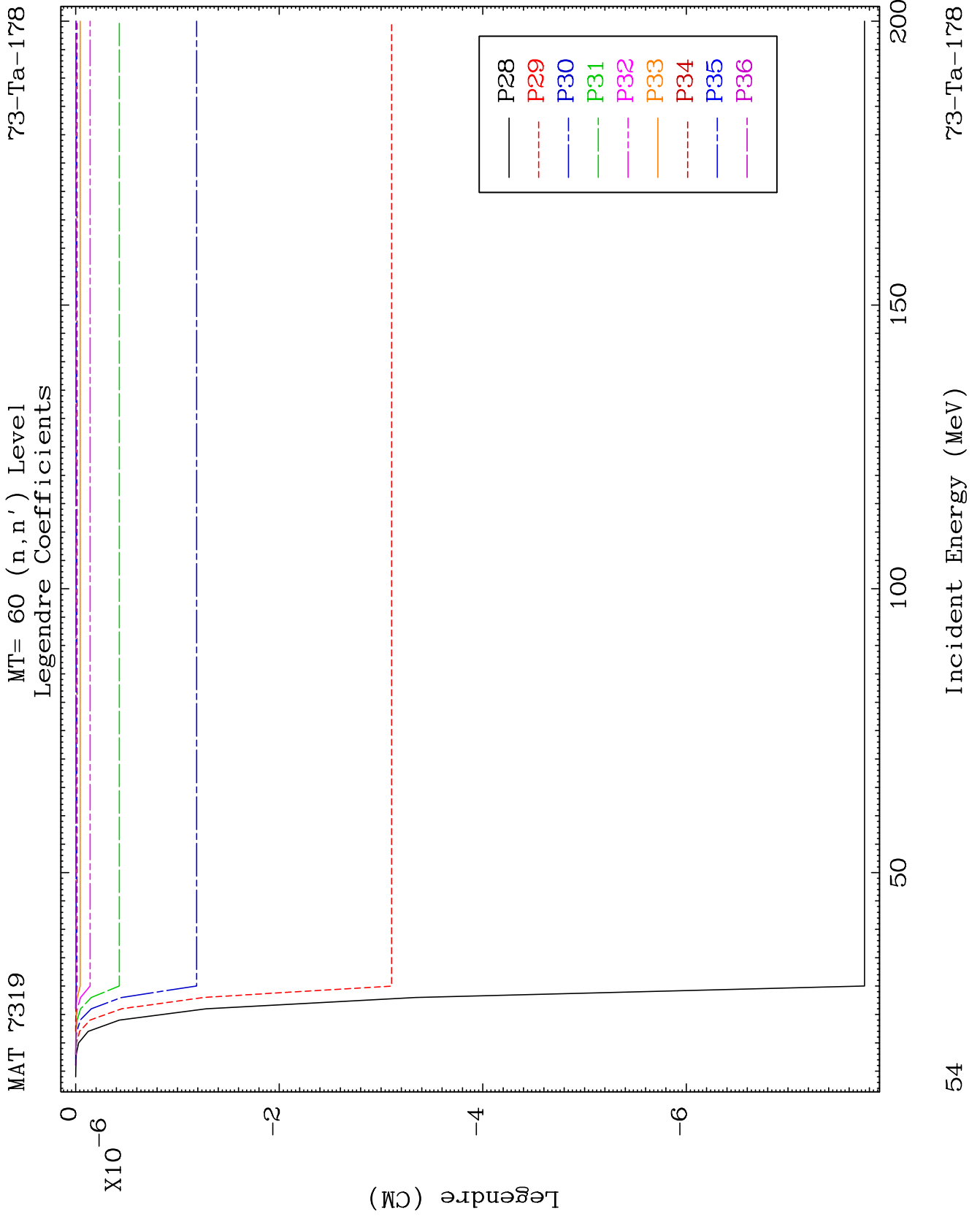


MAT 7319

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

73-Ta-178

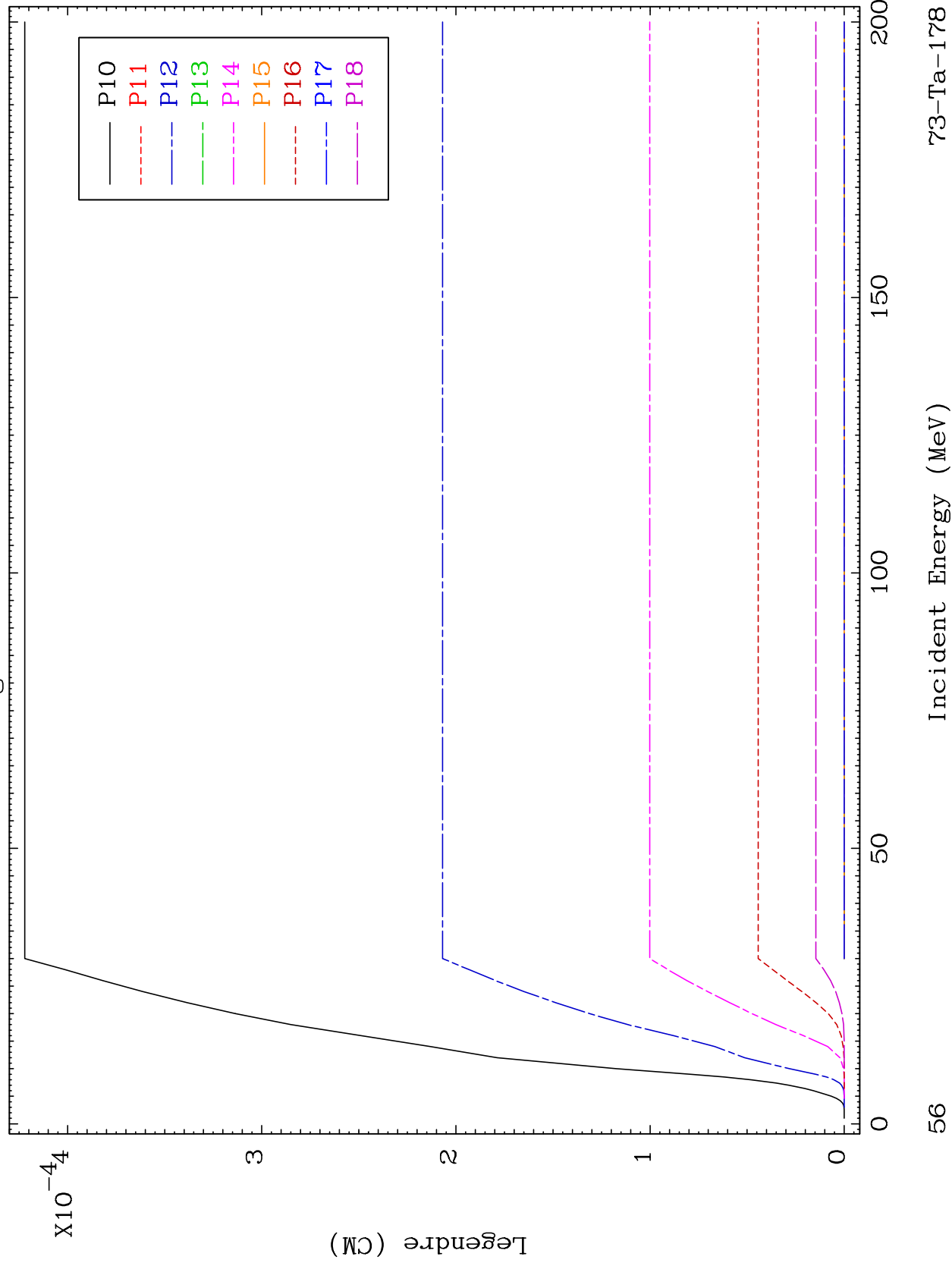




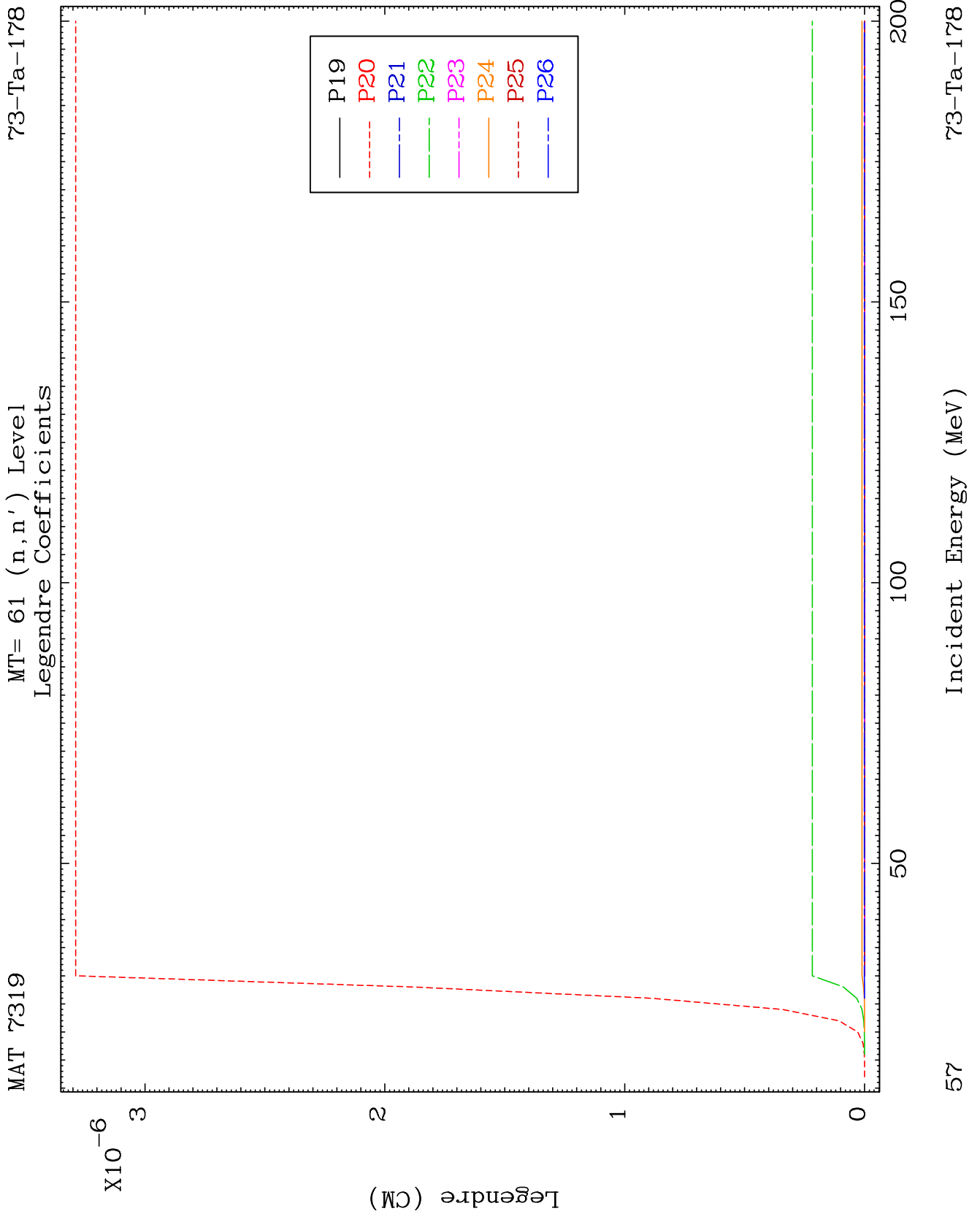
MAT 7319

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

73-Ta-178



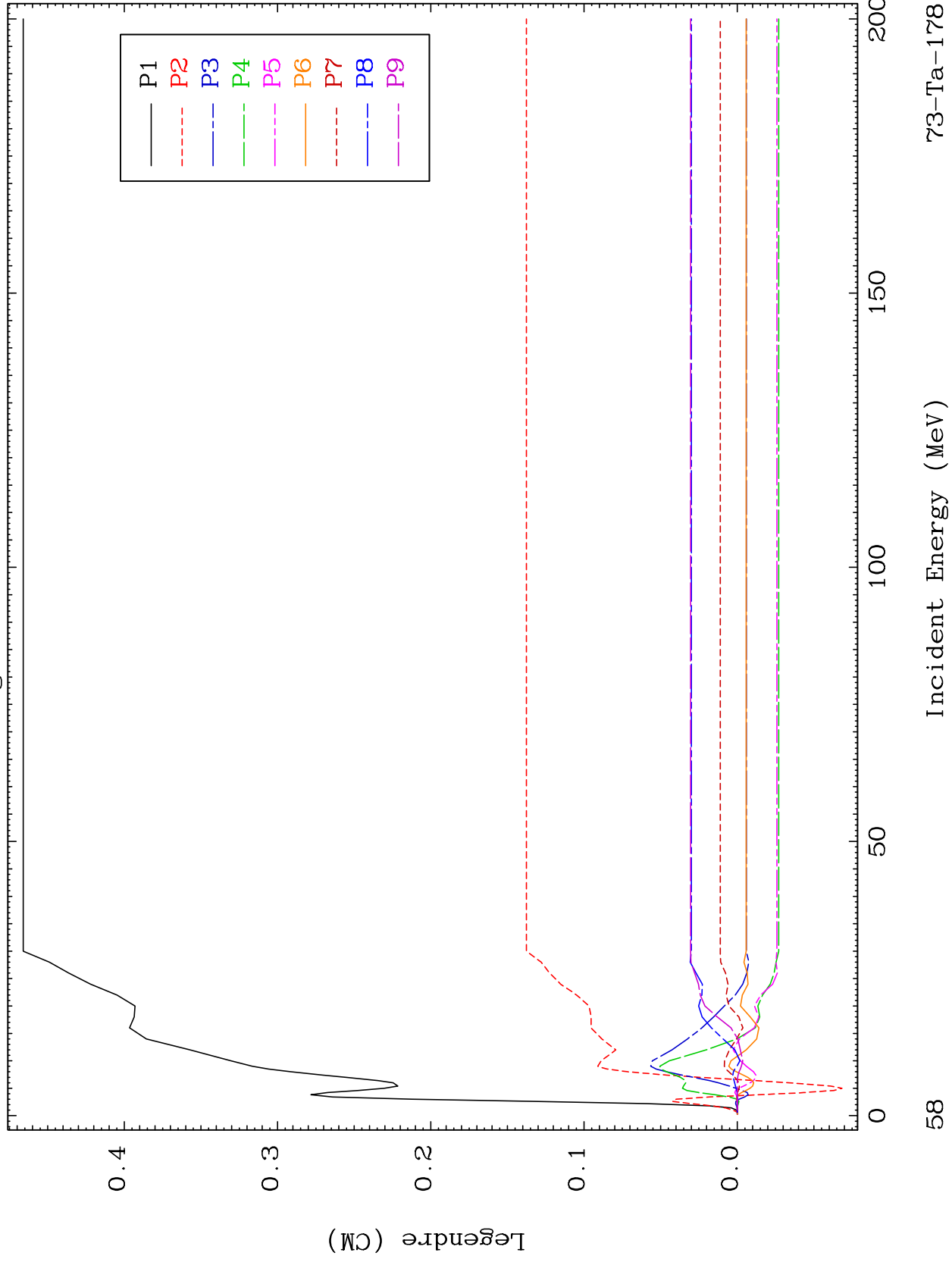
56



MAT 7319

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

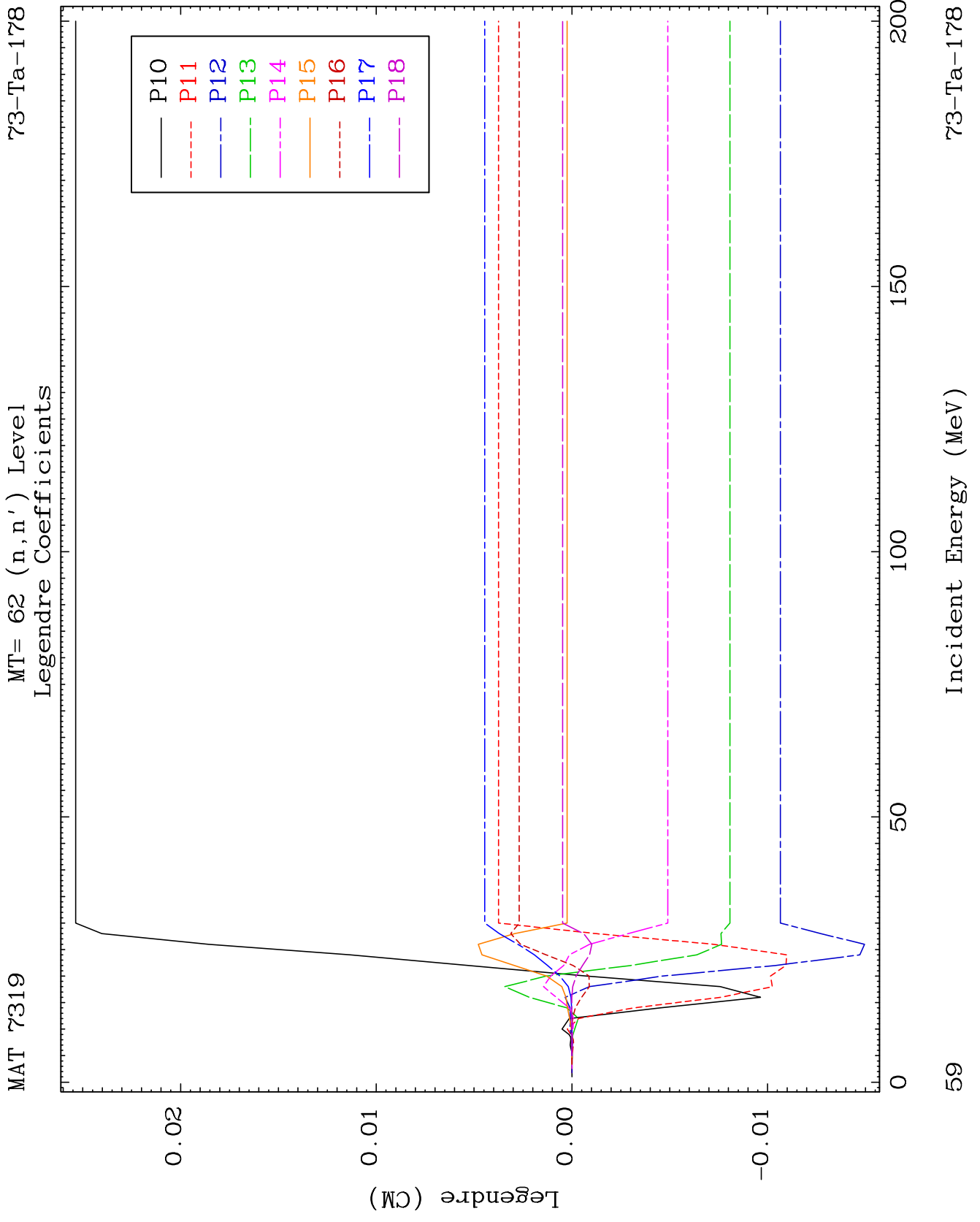
73-Ta-178



73-Ta-178

Incident Energy (MeV)

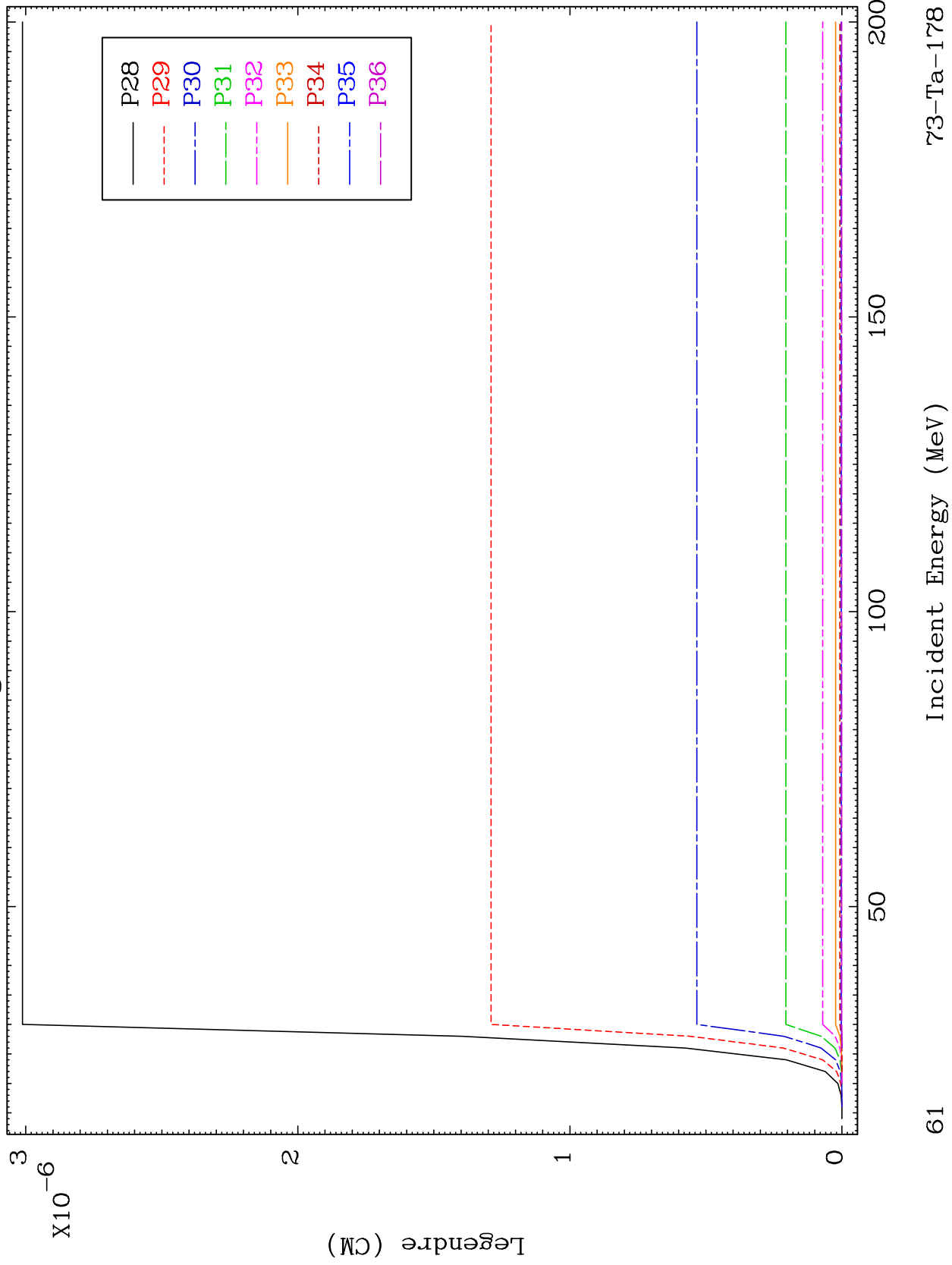
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MAT 7319

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

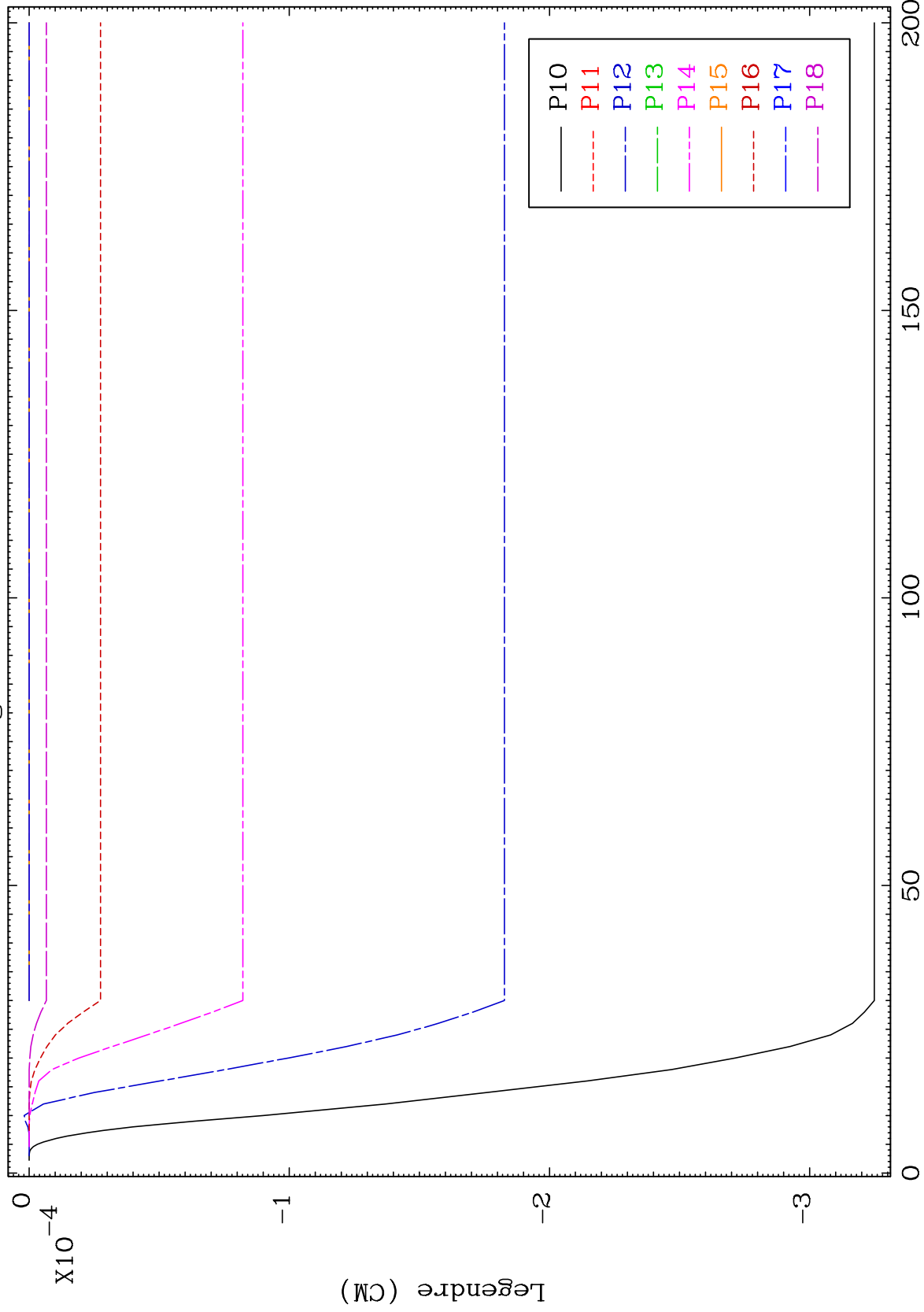
73-Ta-178



MAT 7319

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

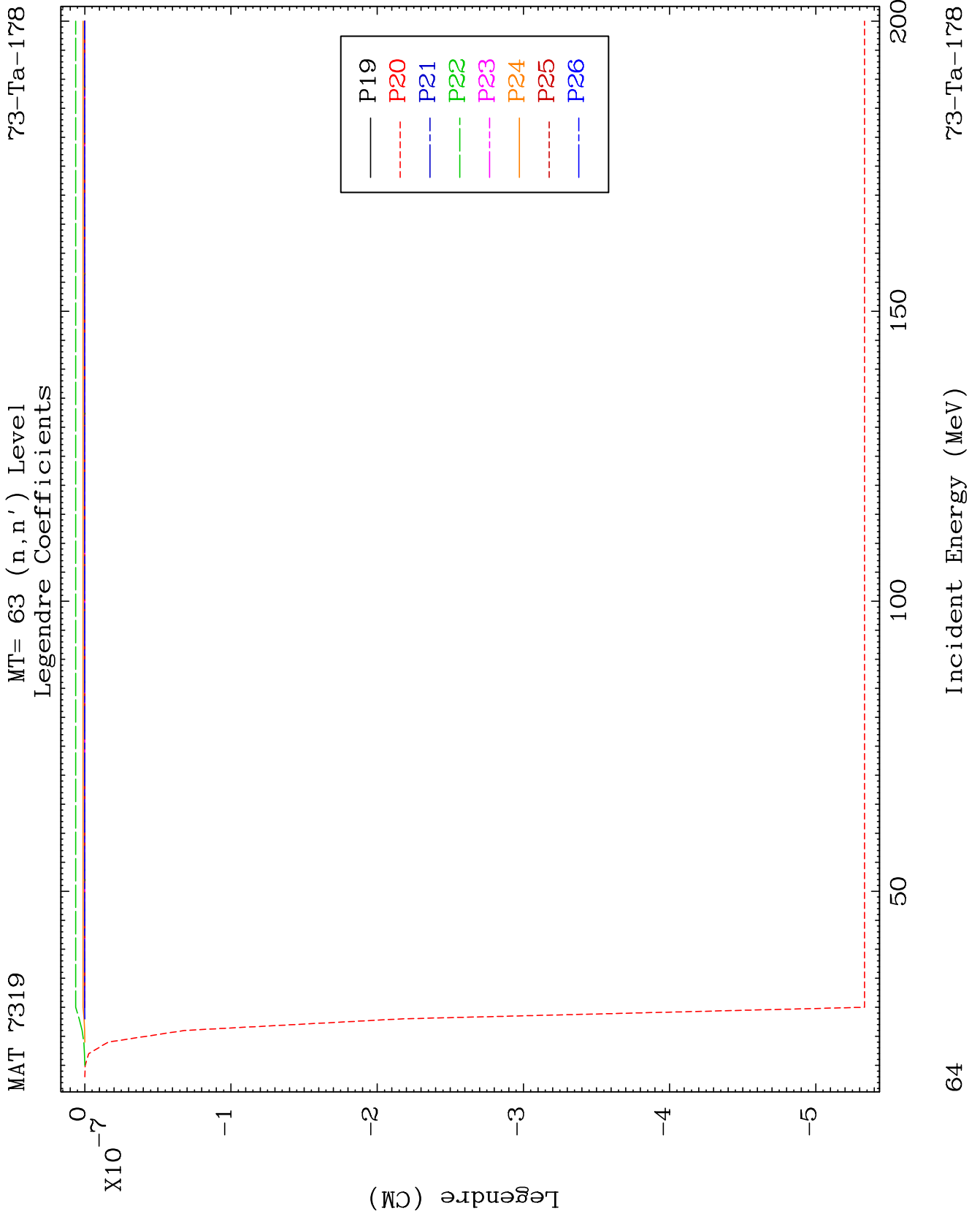
73-Ta-178



63

Incident Energy (MeV)

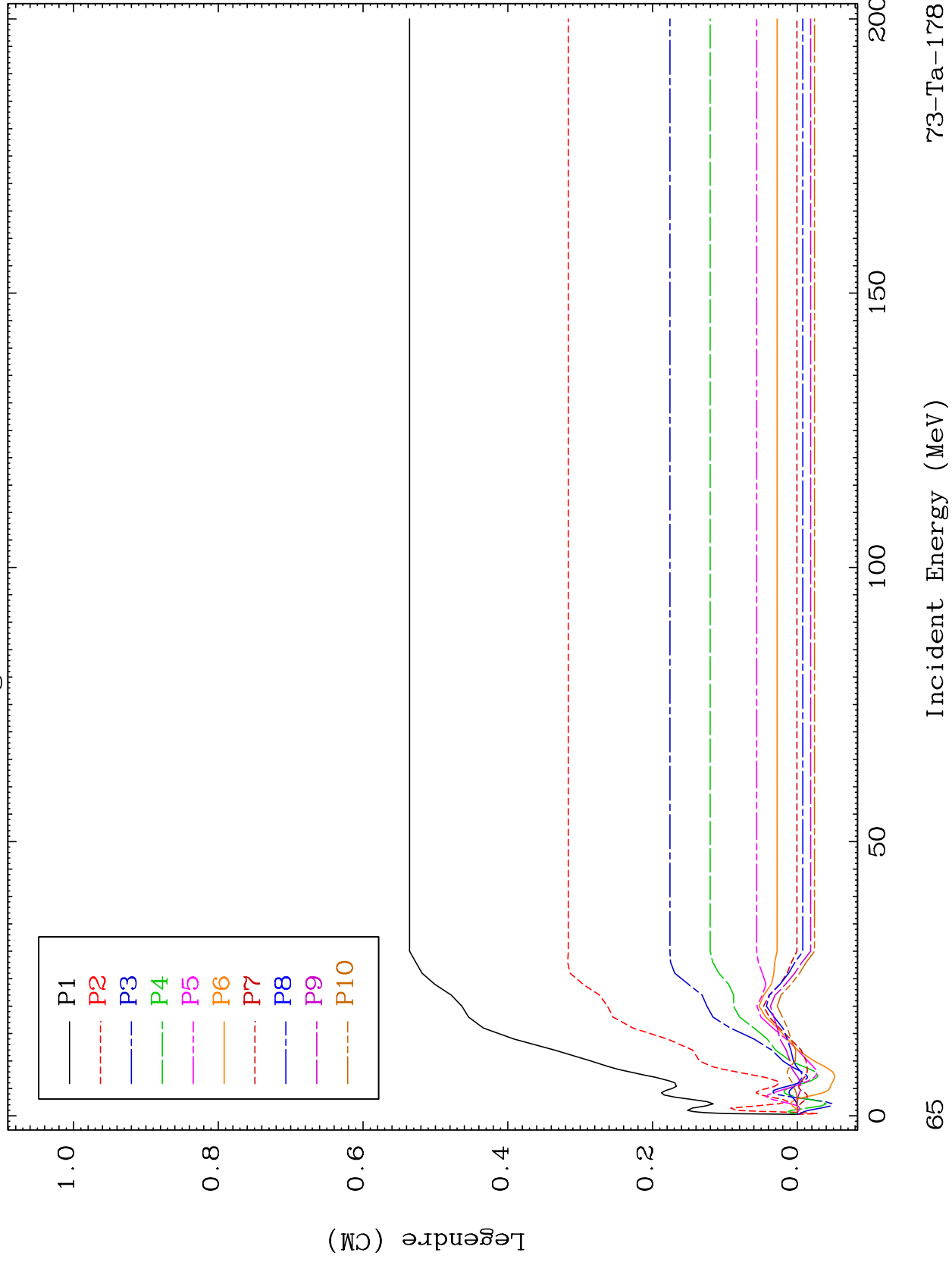
73-Ta-178



MAT 7319

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

73-Ta-178

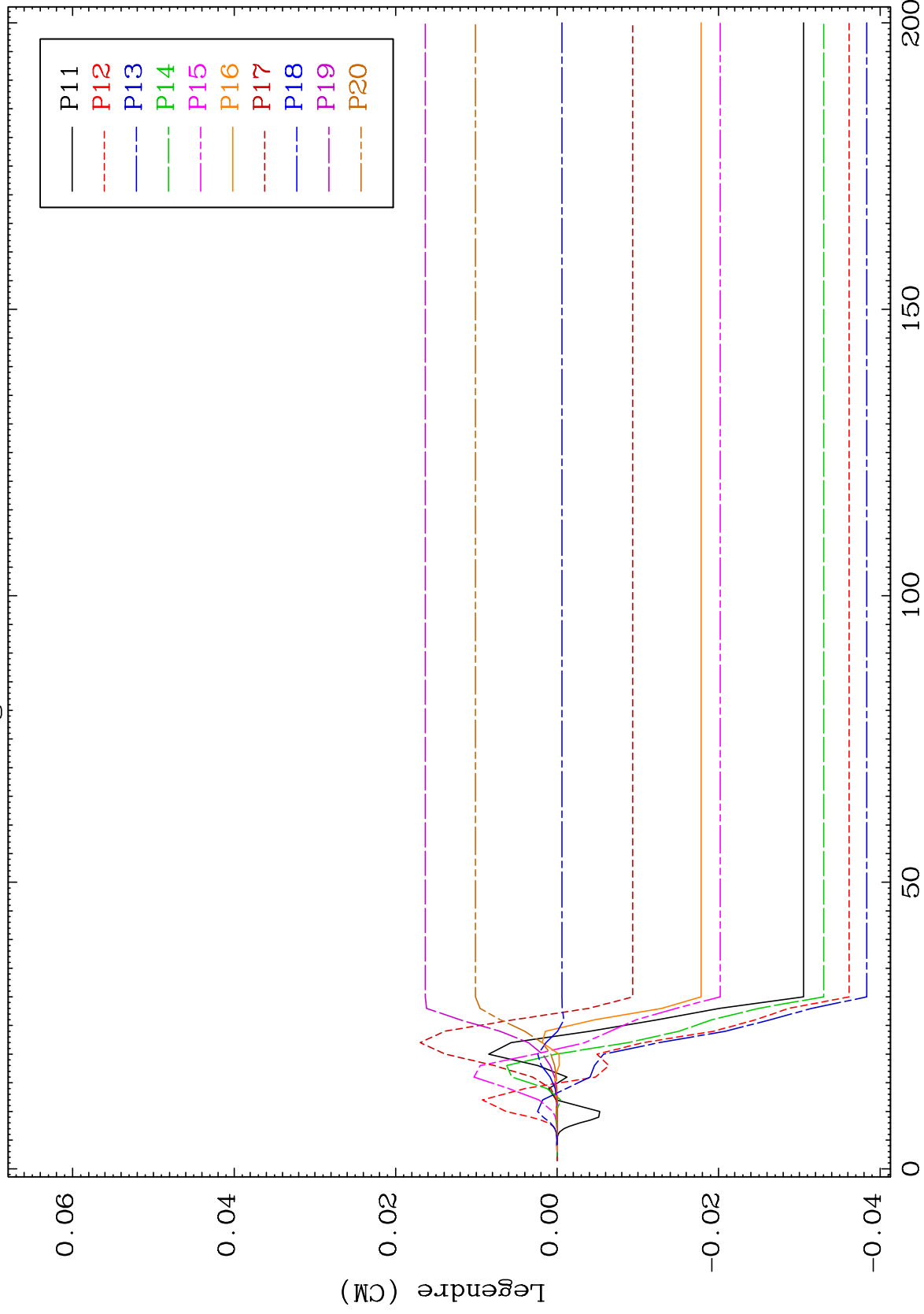


65

MAT 7319

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

73-Ta-178



66

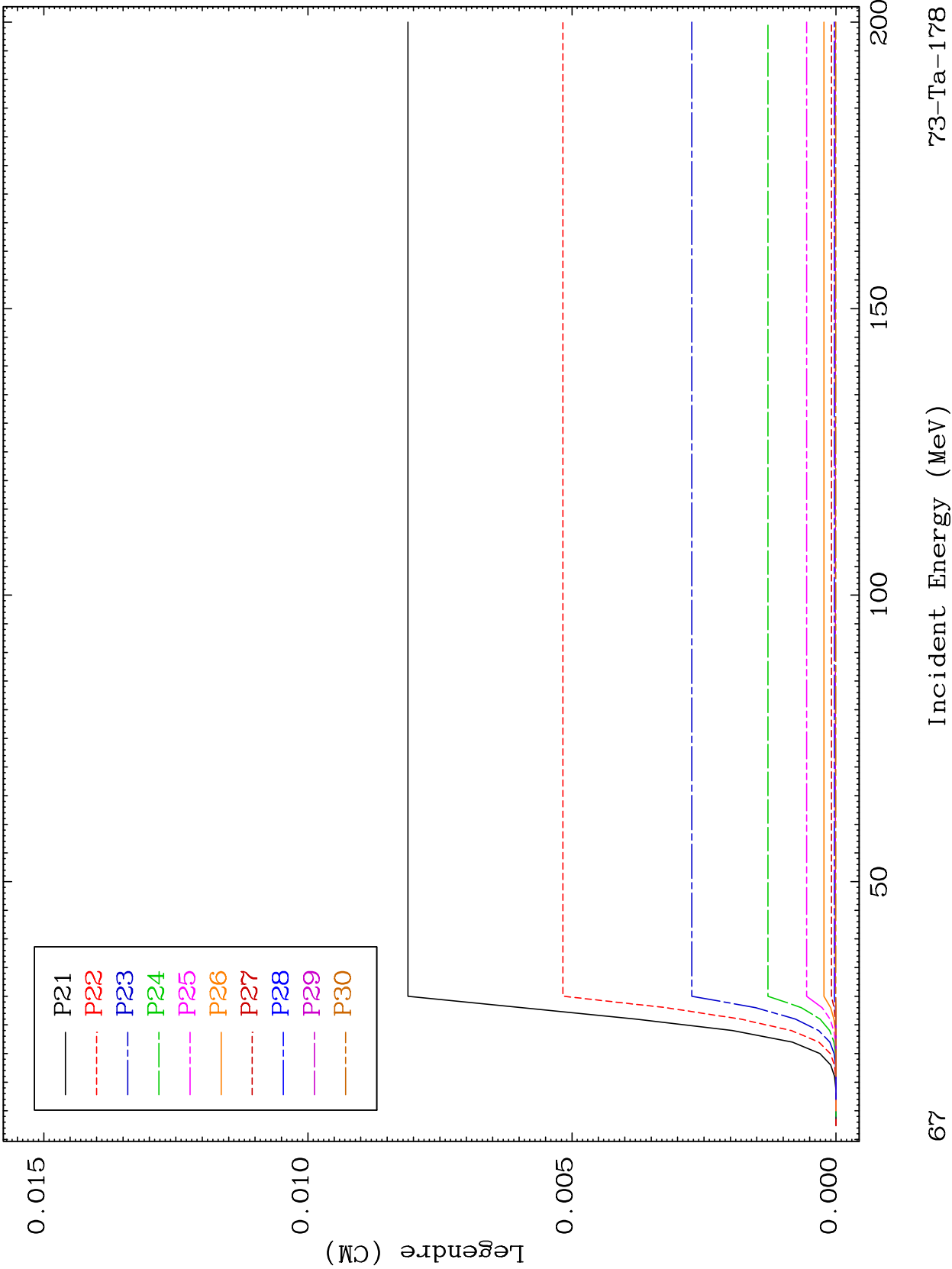
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

73-Ta-178



67

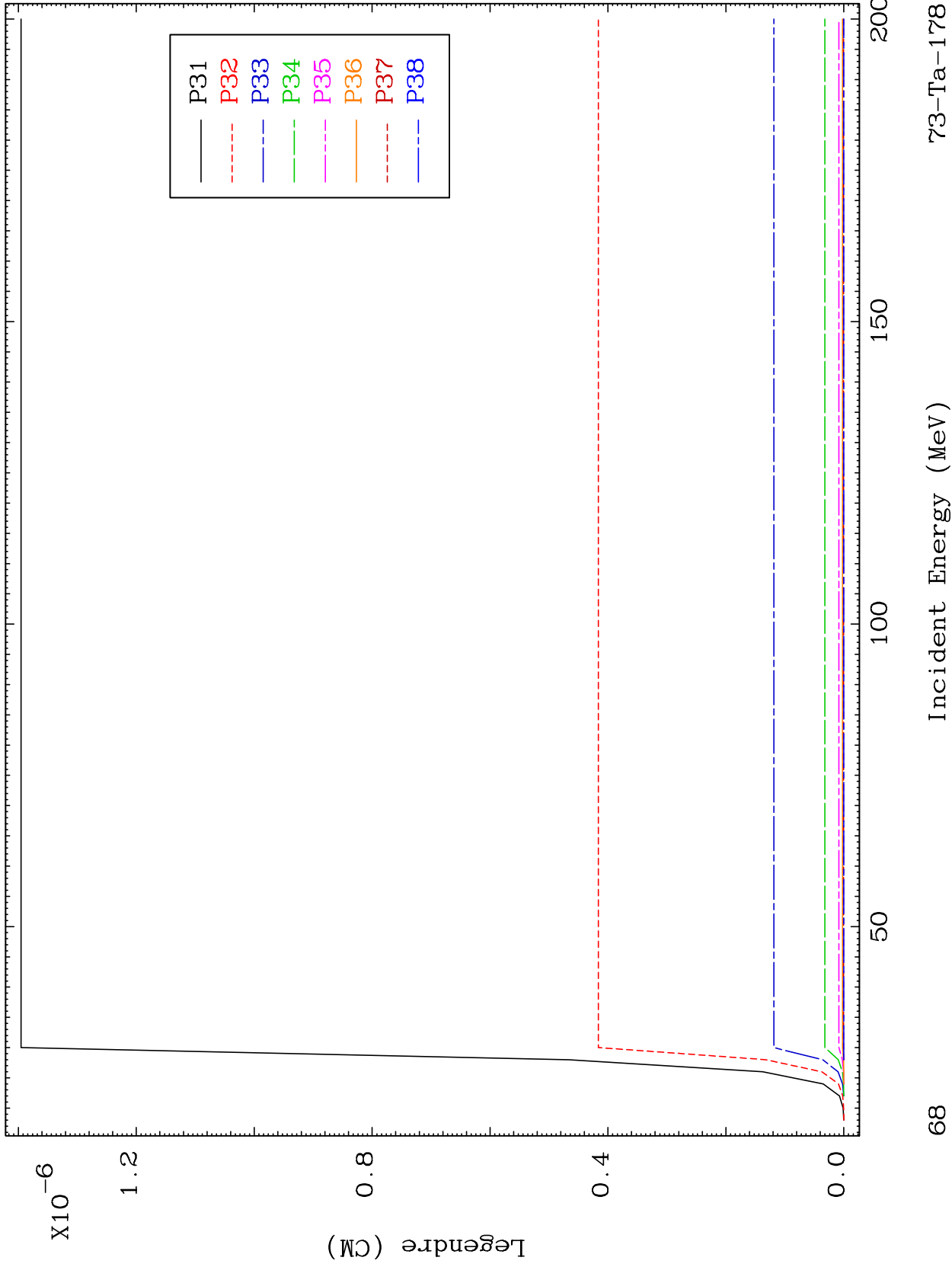
Incident Energy (MeV)

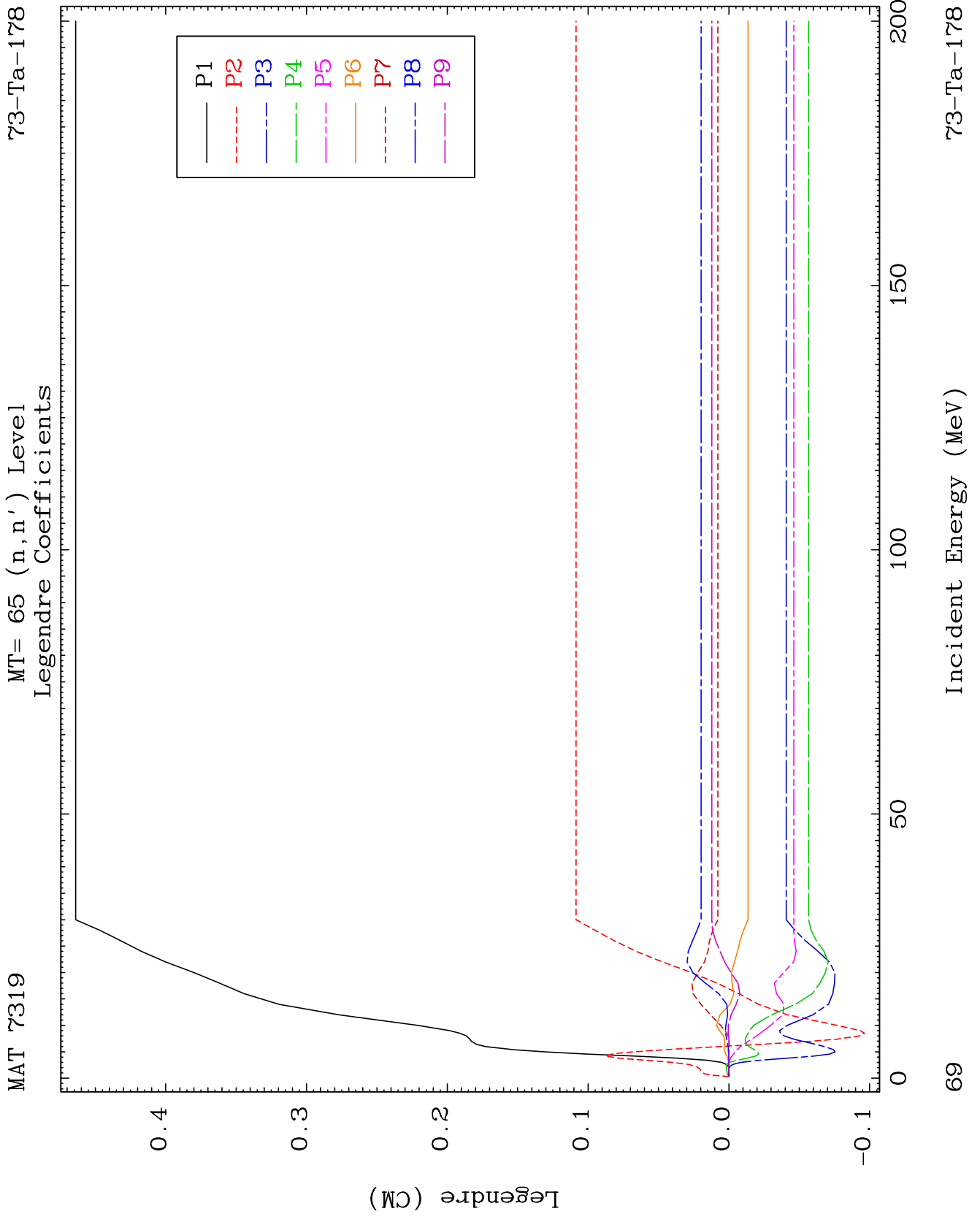
73-Ta-178

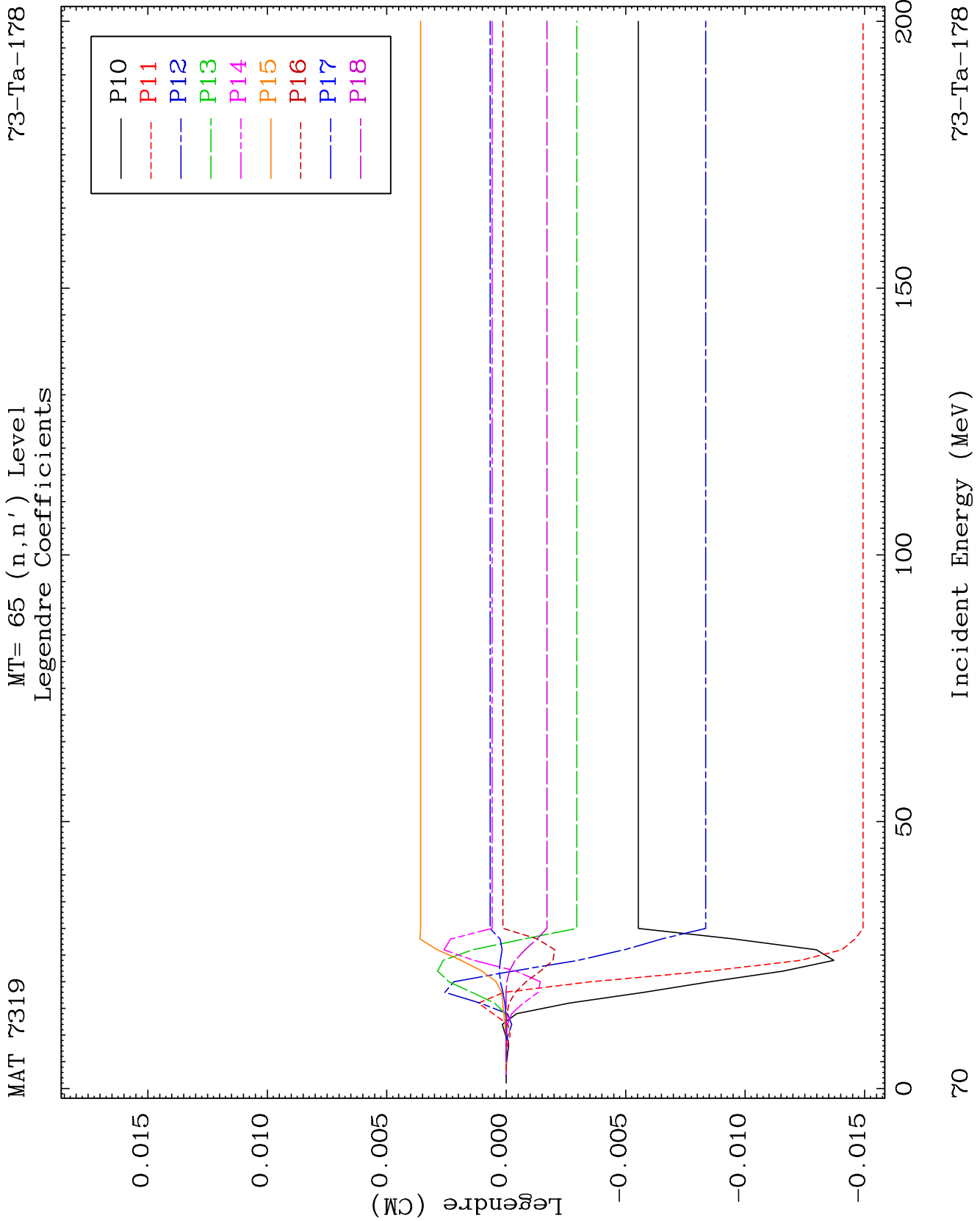
MAT 7319

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

73-Ta-178



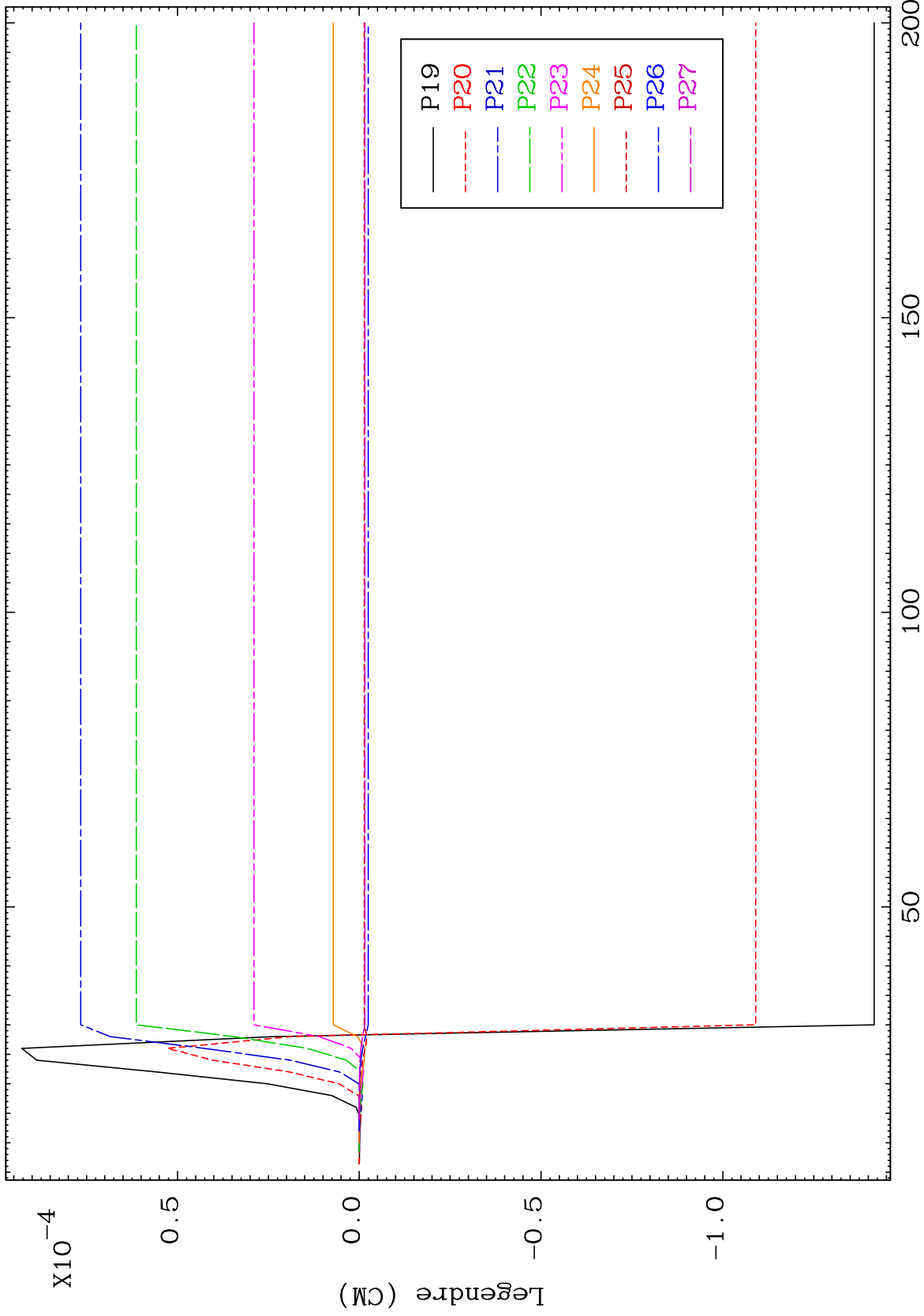




MAT 7319

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

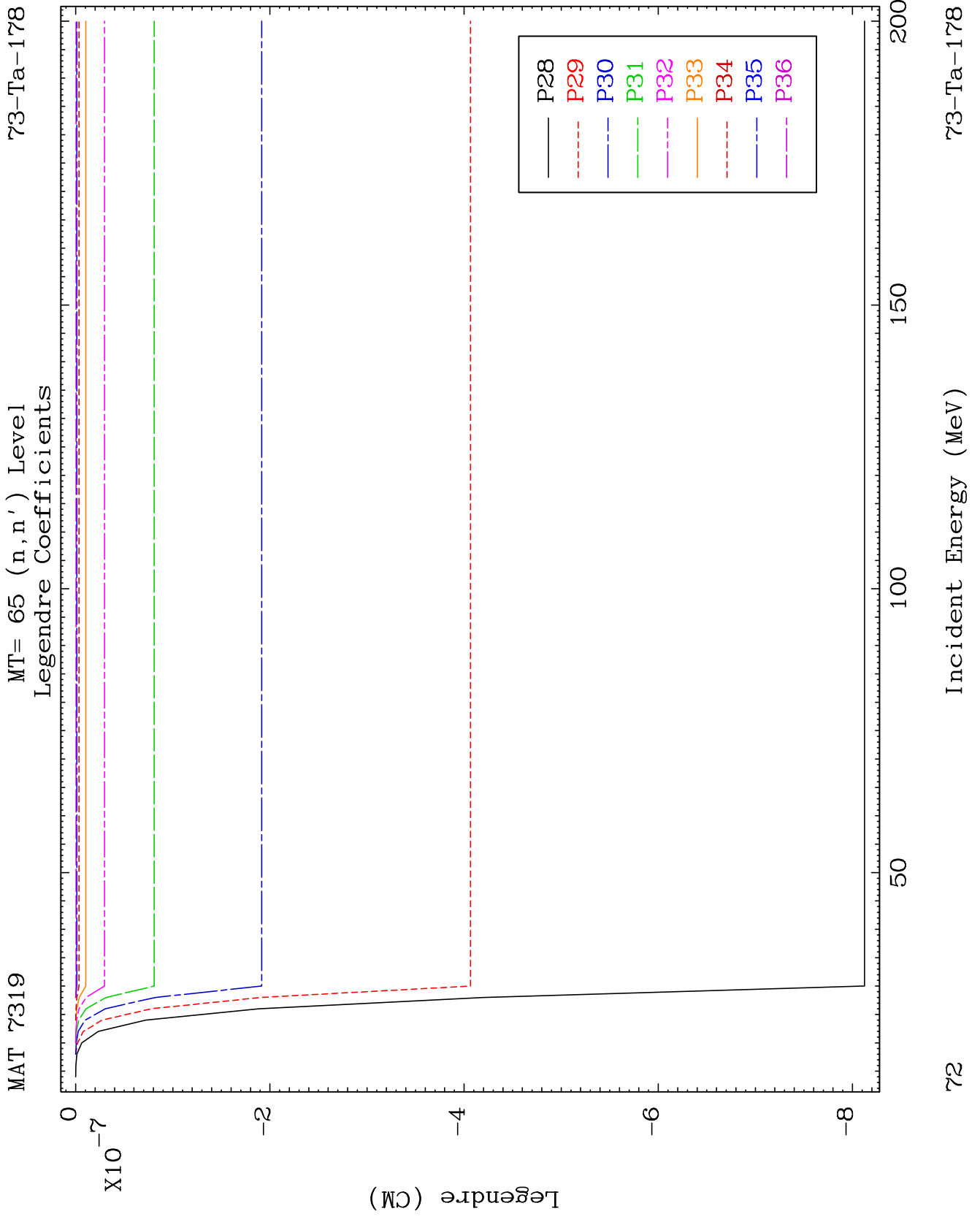
73-Ta-178



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Incident Energy (MeV)

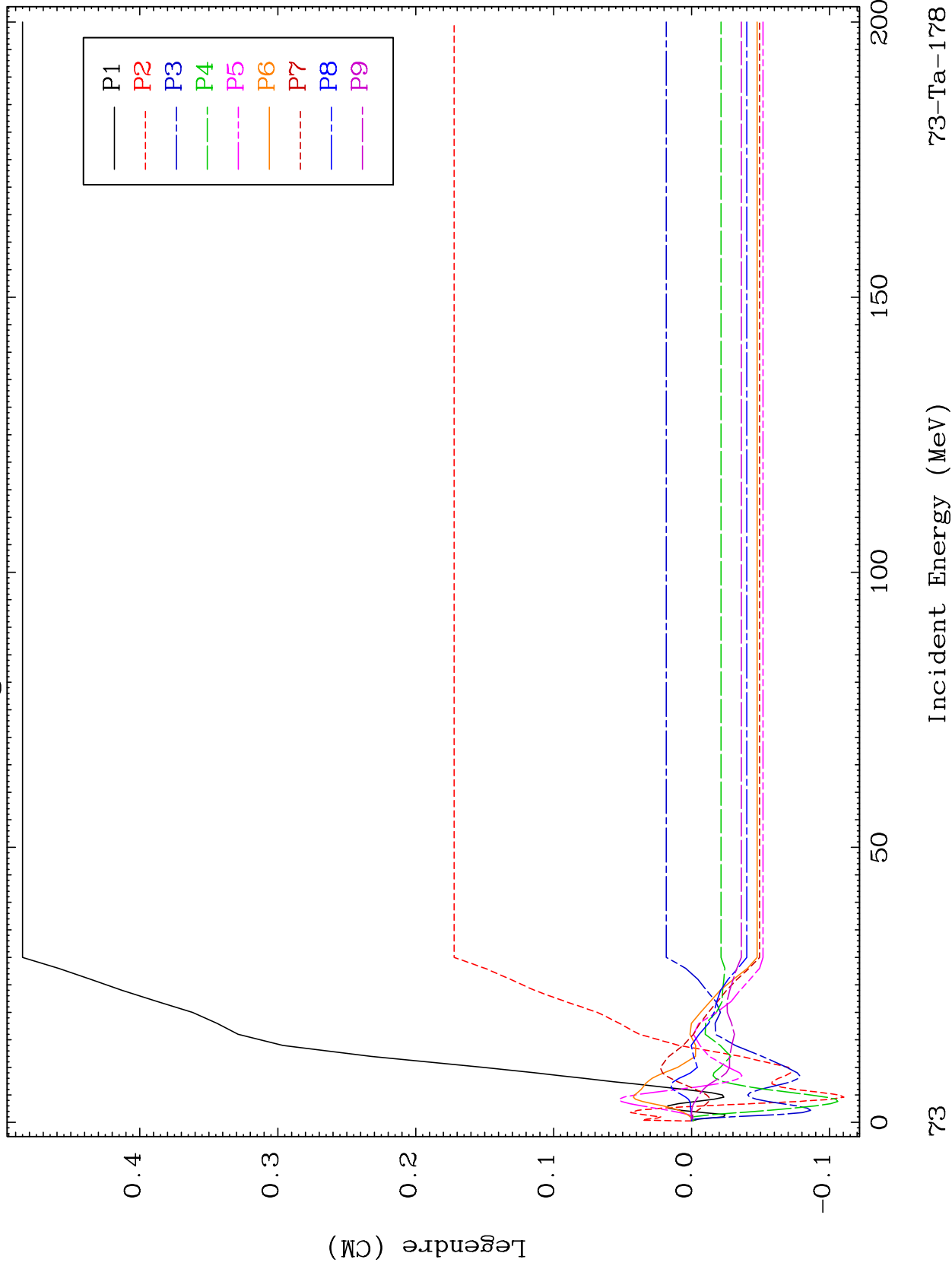
73-Ta-178



MAT 7319

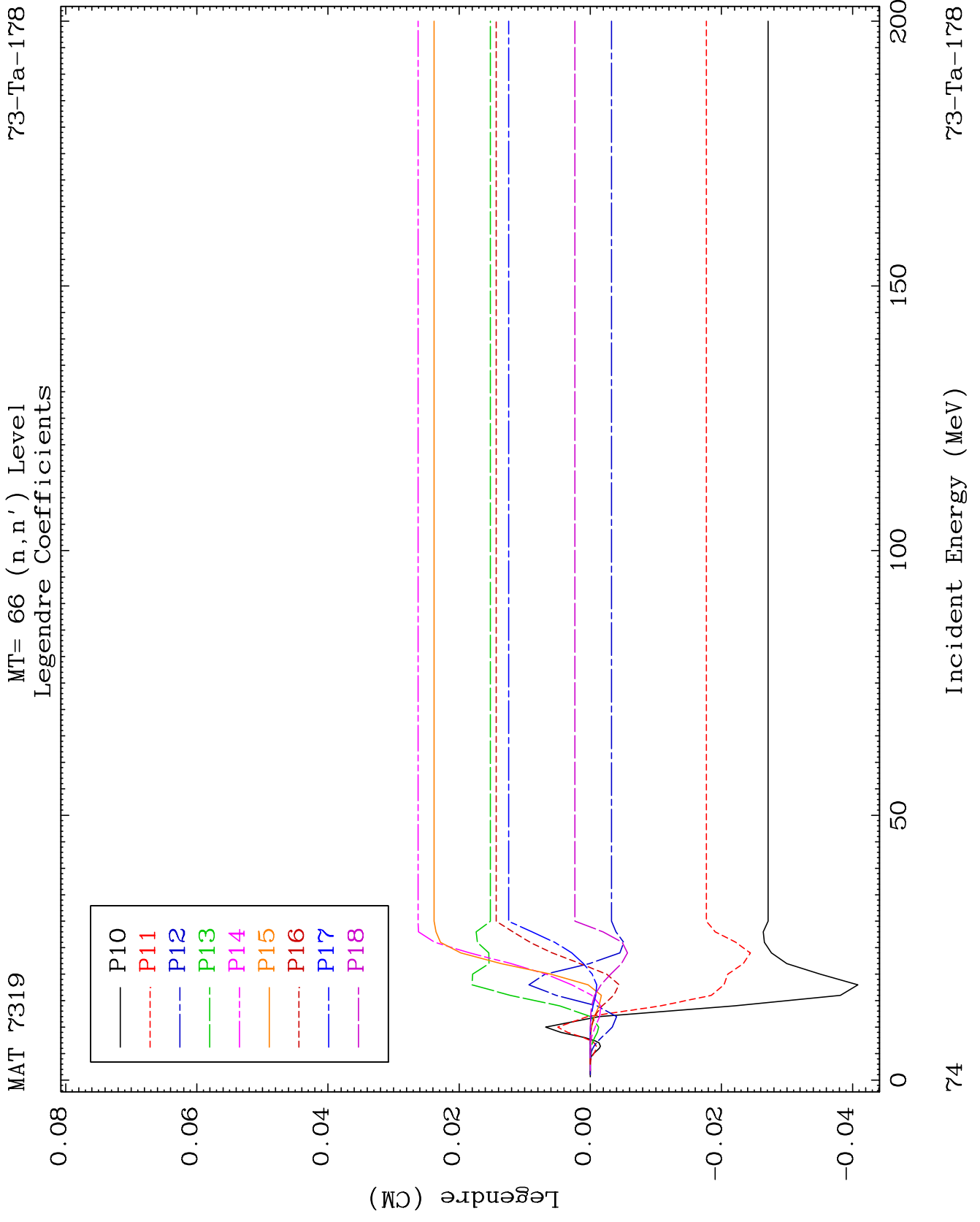
MT= 66 (n,n') Level
Legendre Coefficients

73-Ta-178



73

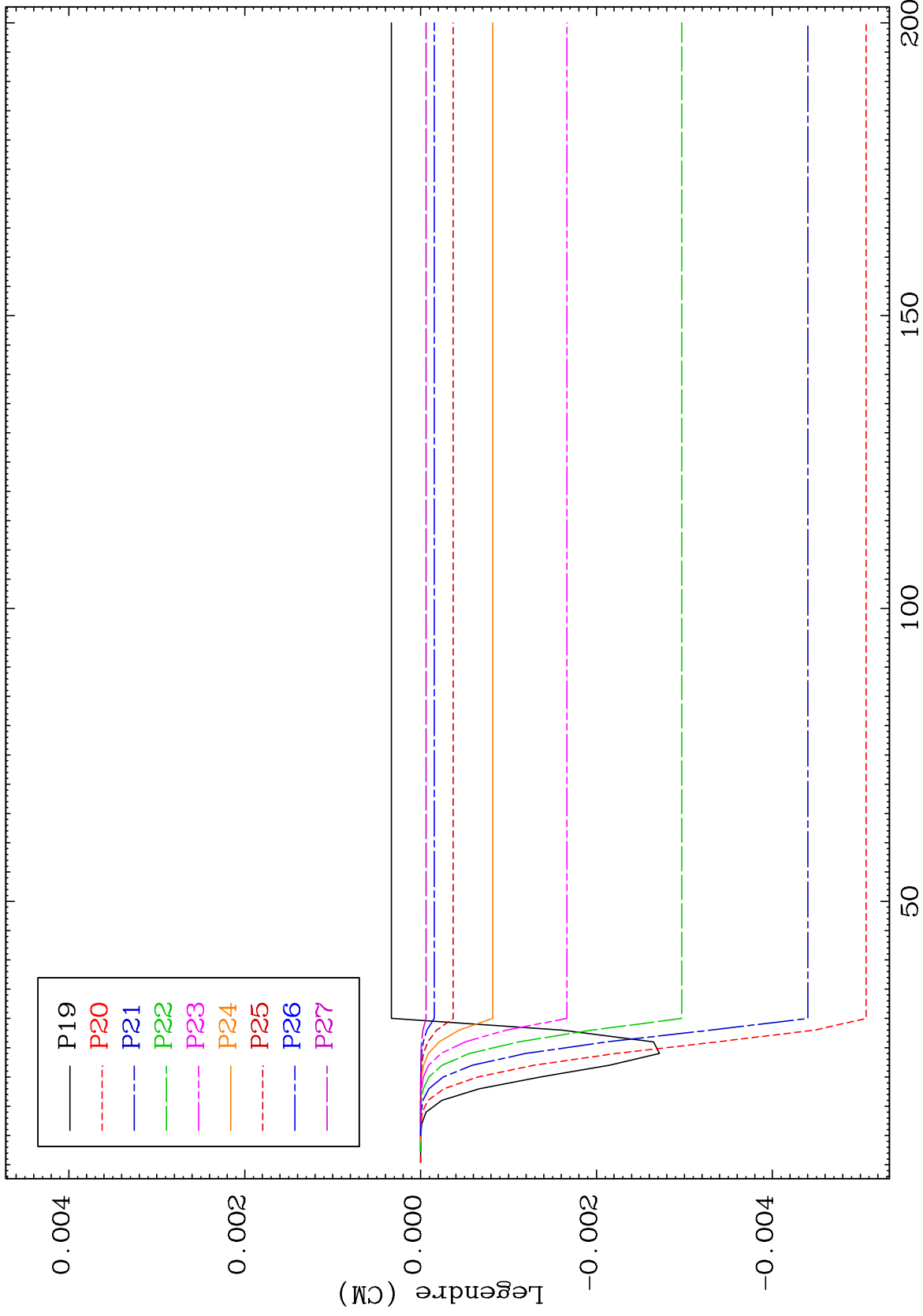
73-Ta-178



MAT 7319

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

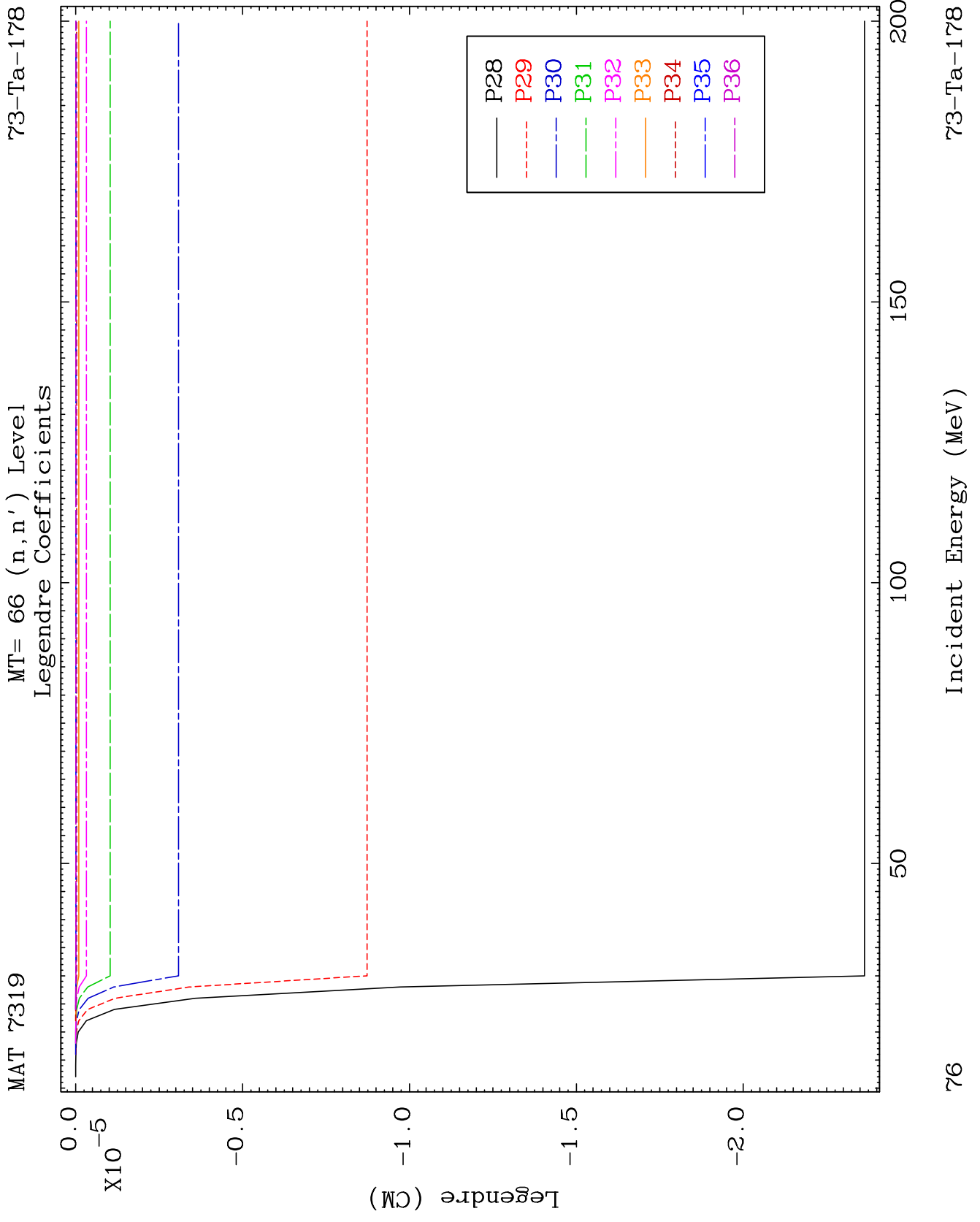
73-Ta-178

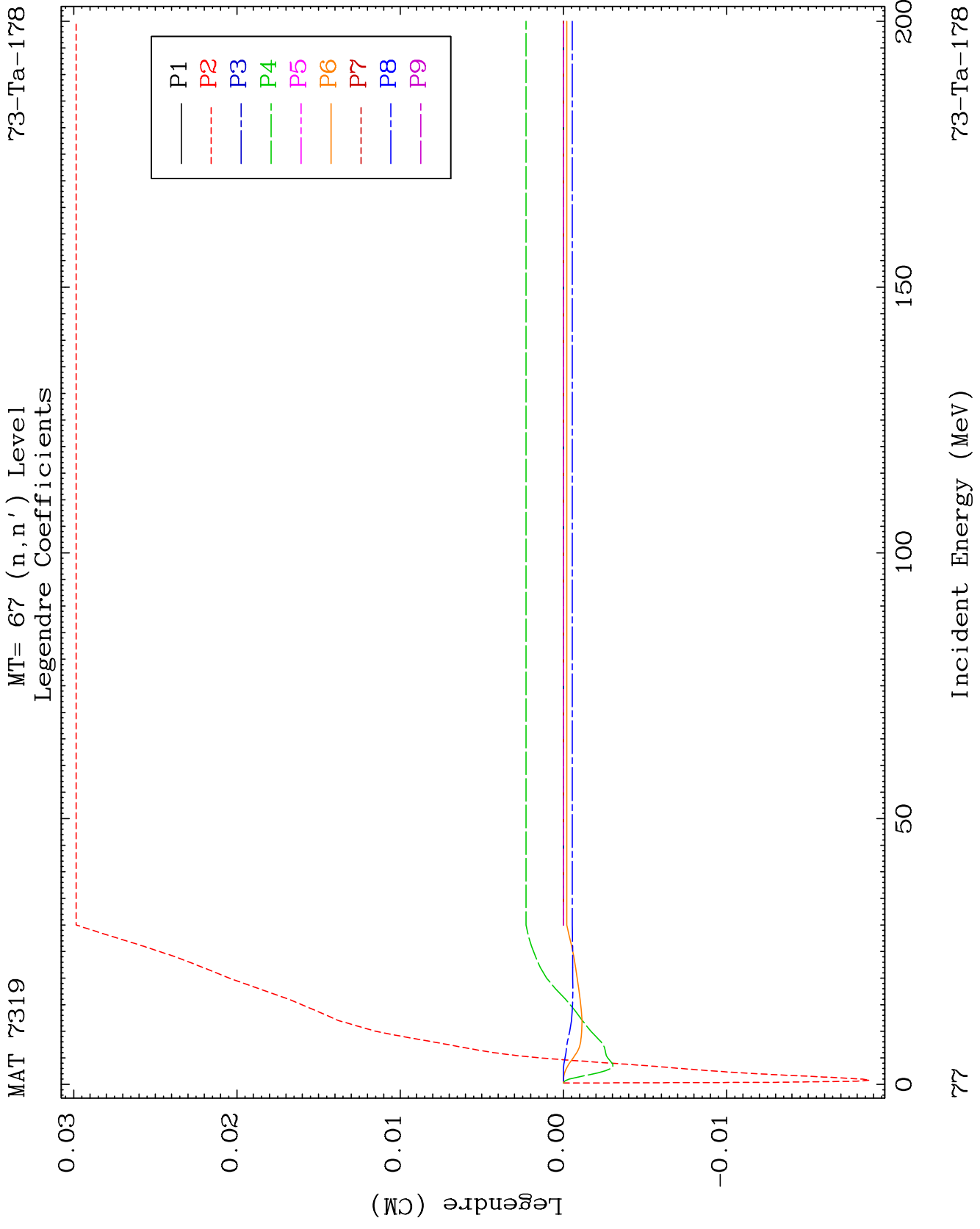


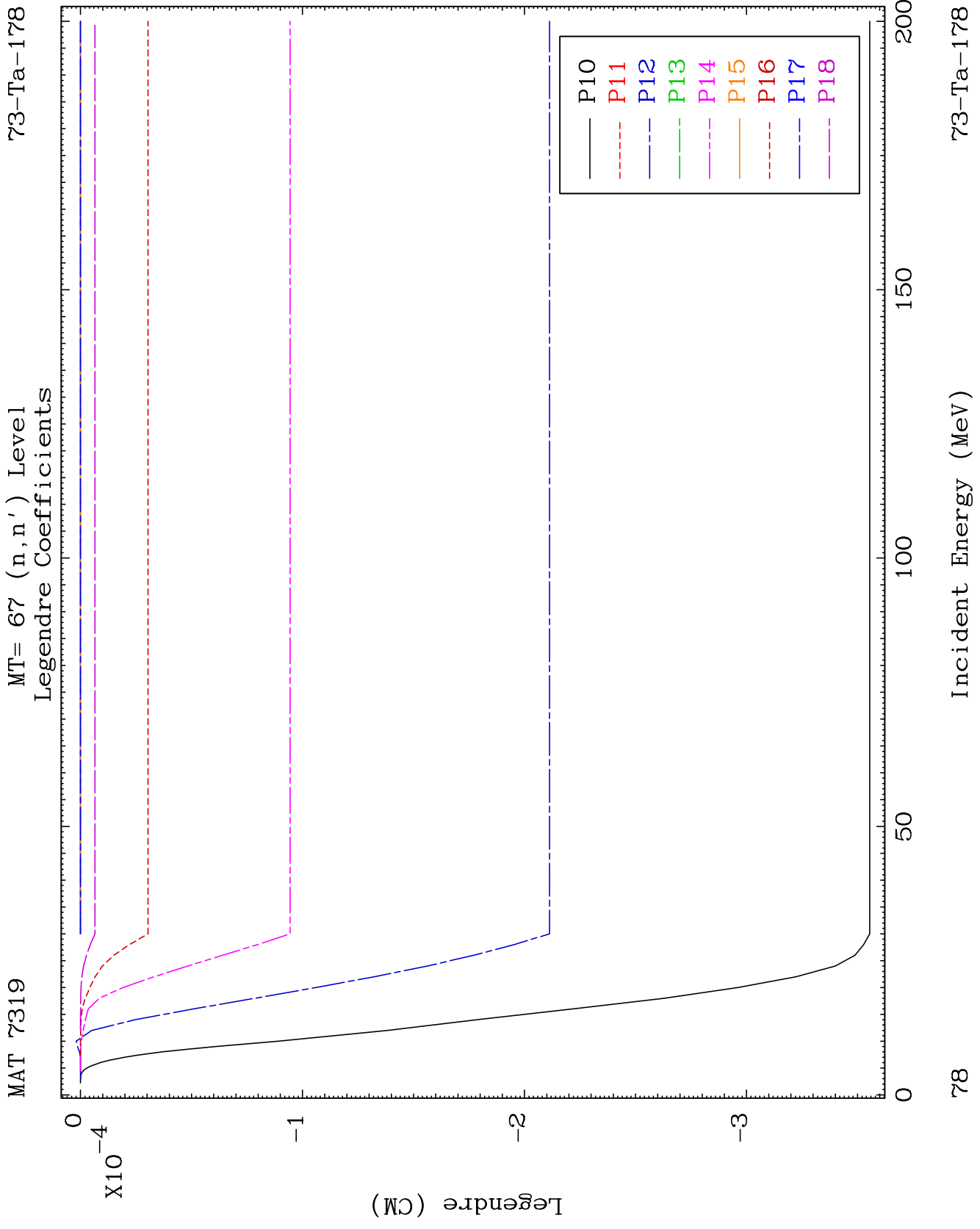
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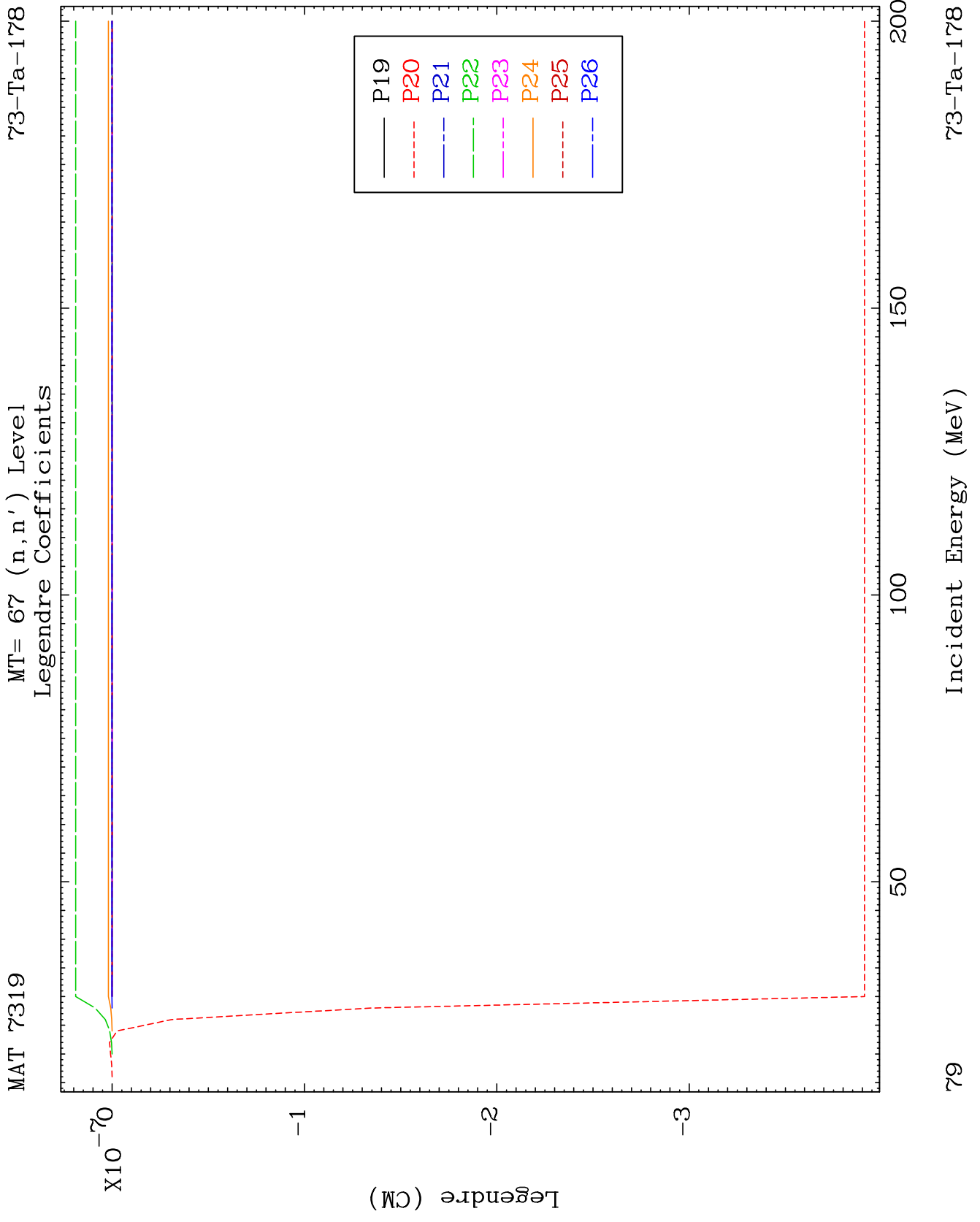
Incident Energy (MeV)

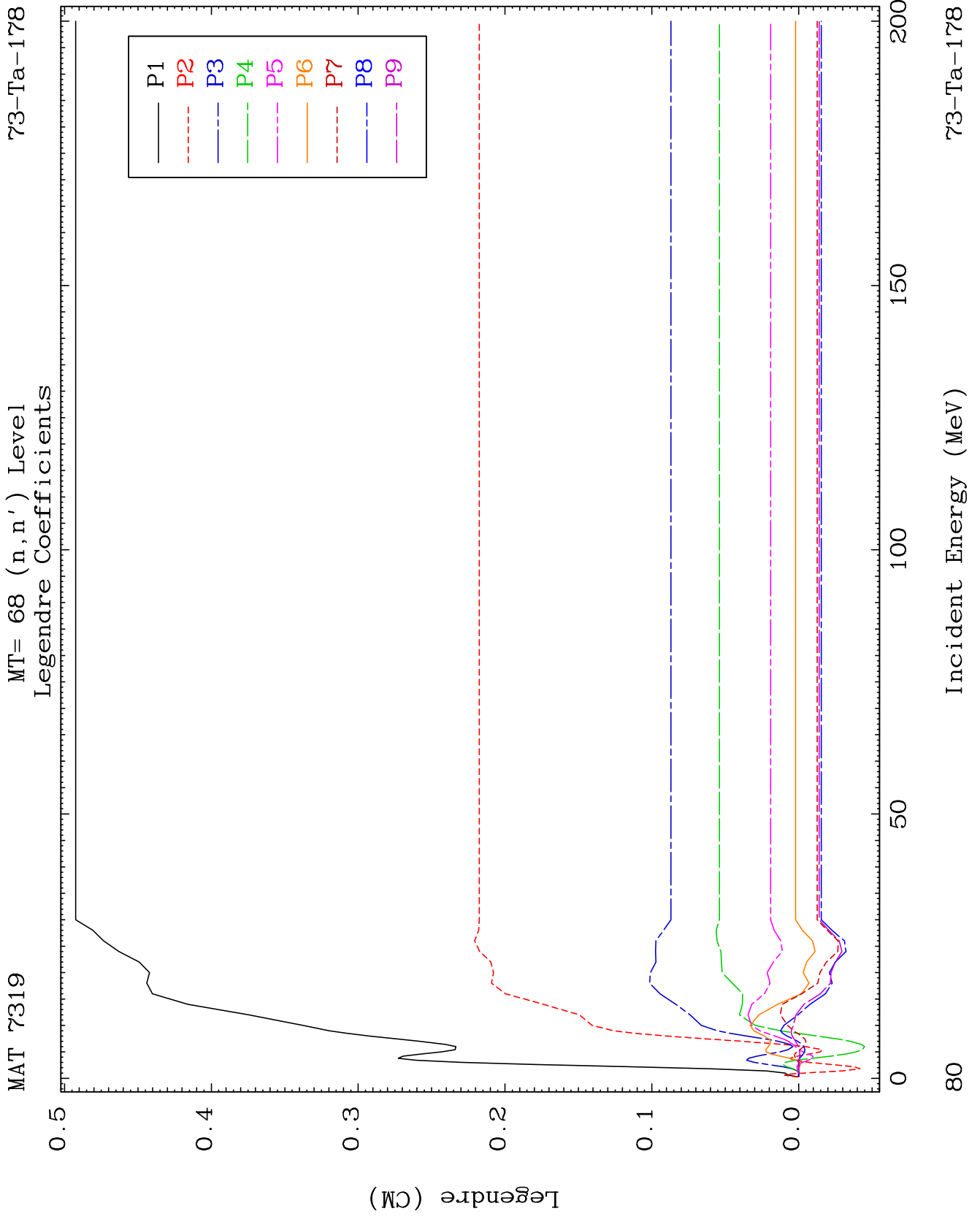
73-Ta-178

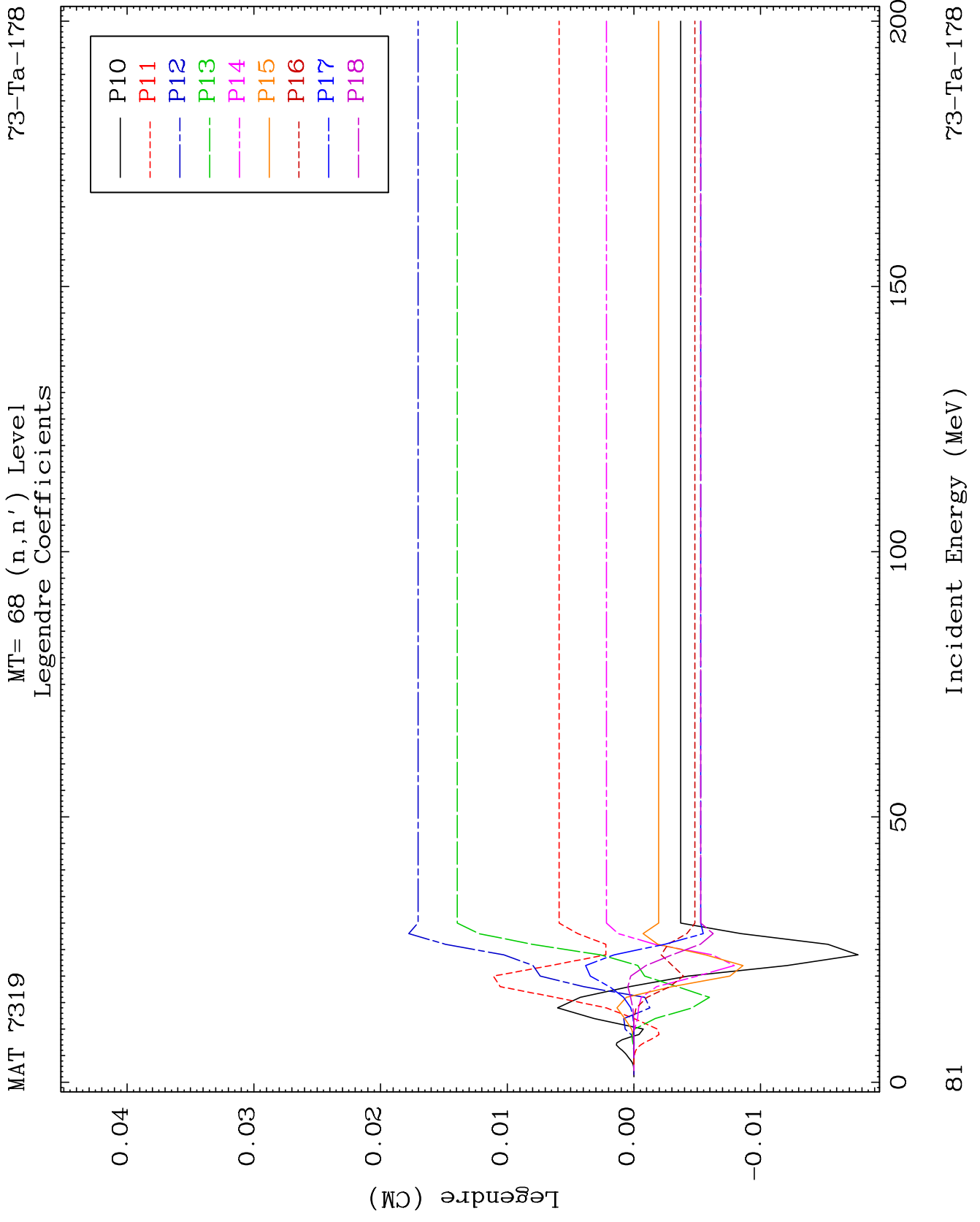








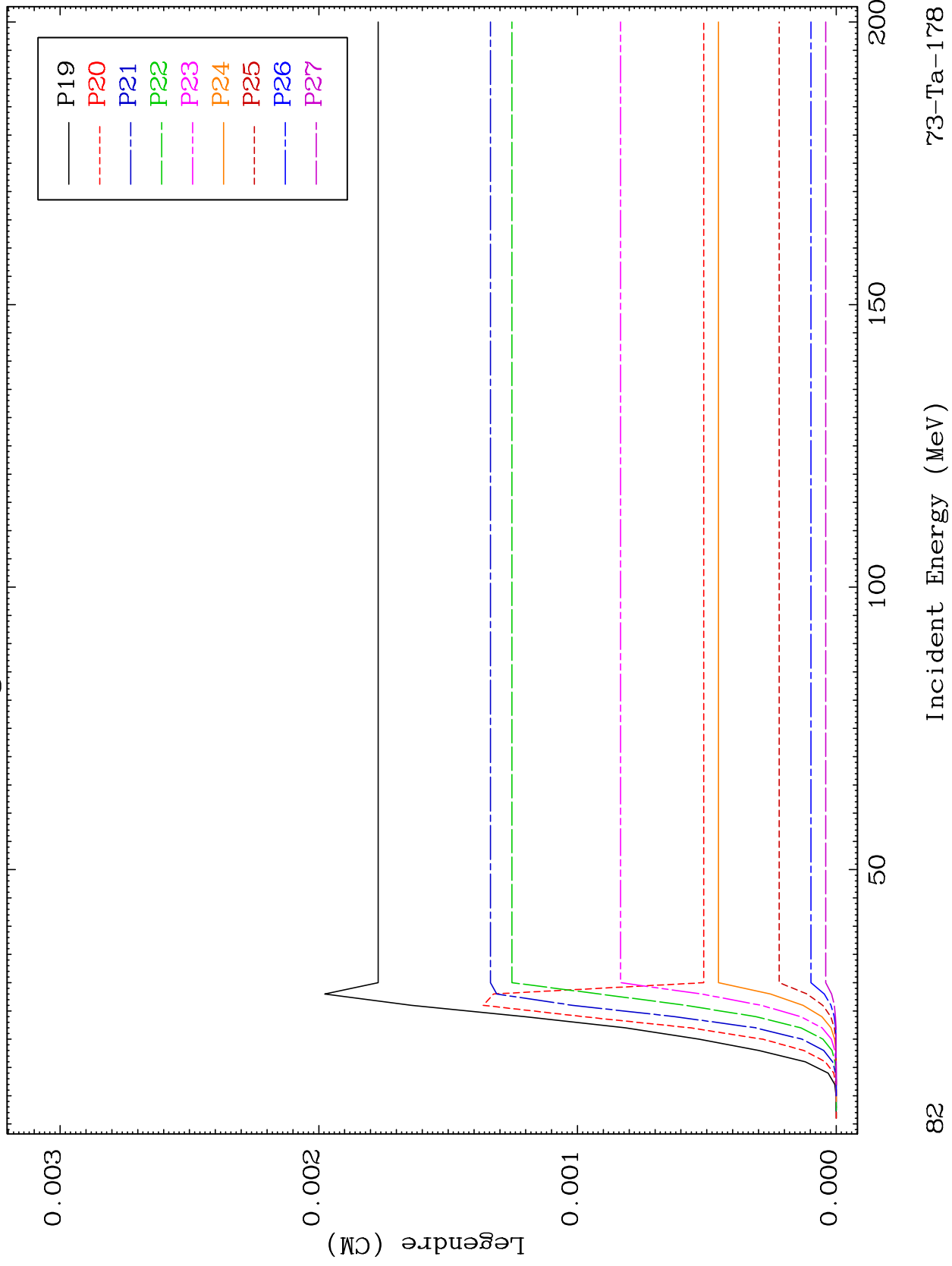




MAT 7319

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

73-Ta-178



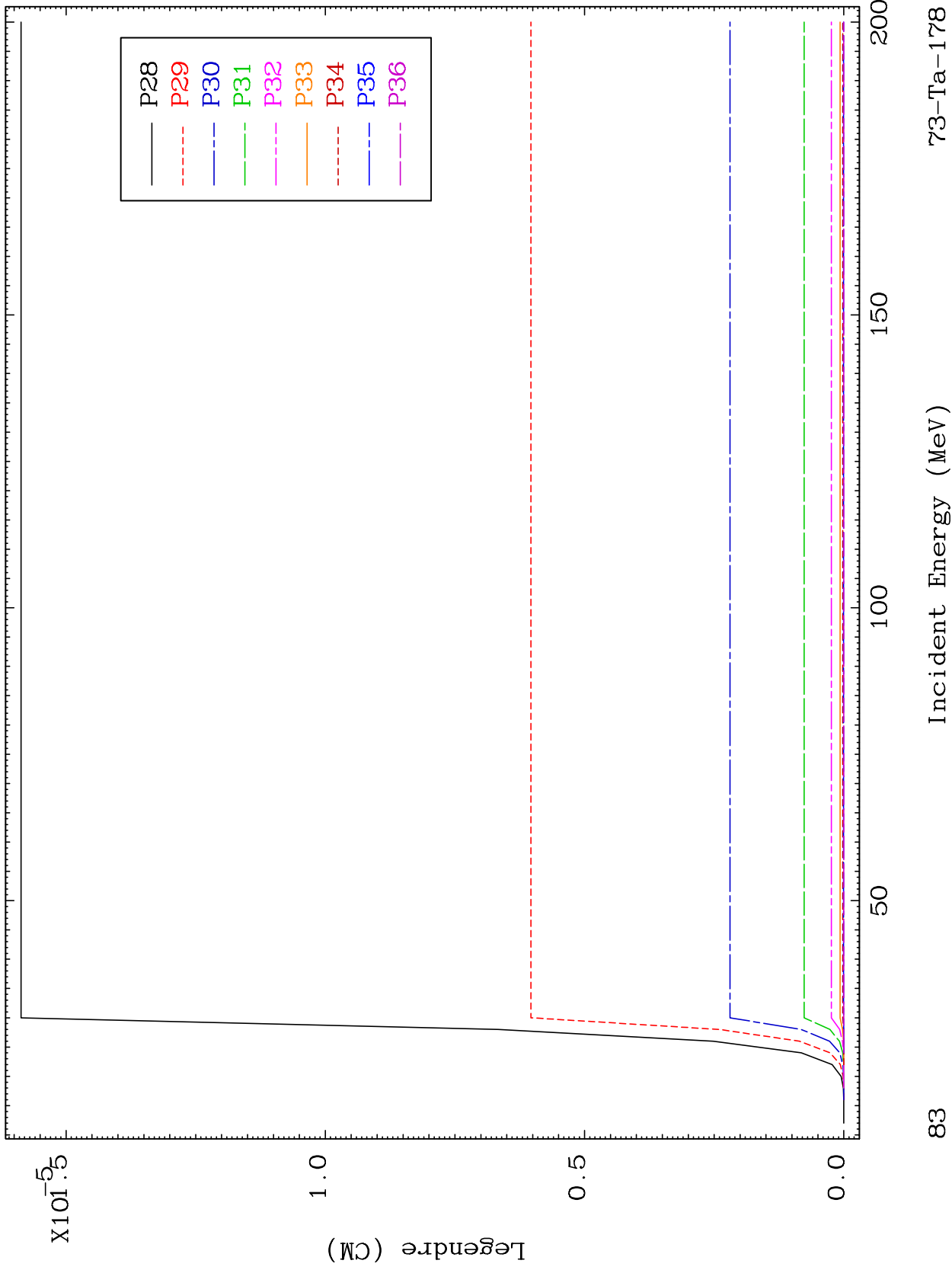
82

73-Ta-178

MAT 7319

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

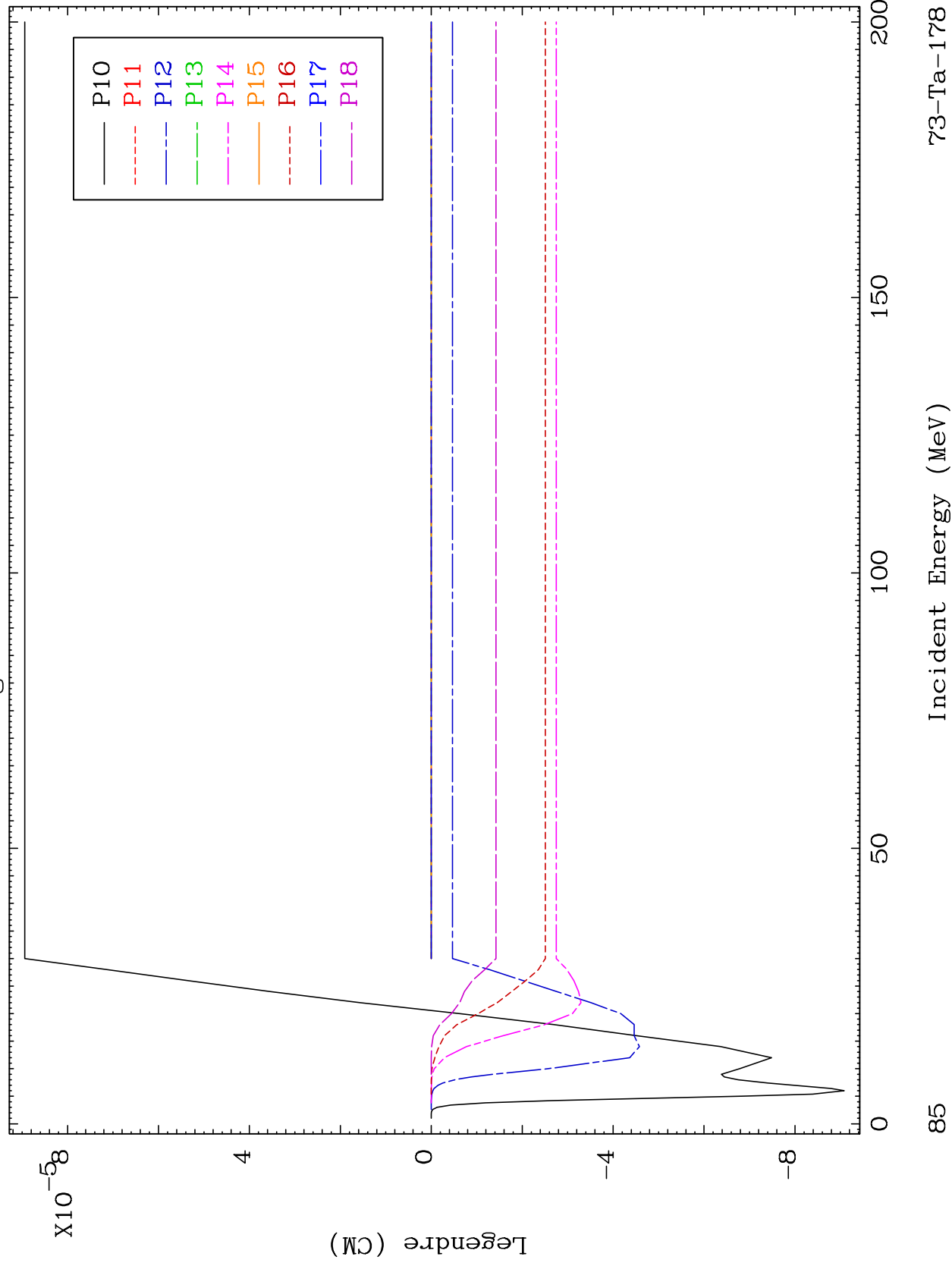
73-Ta-178



MAT 7319

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

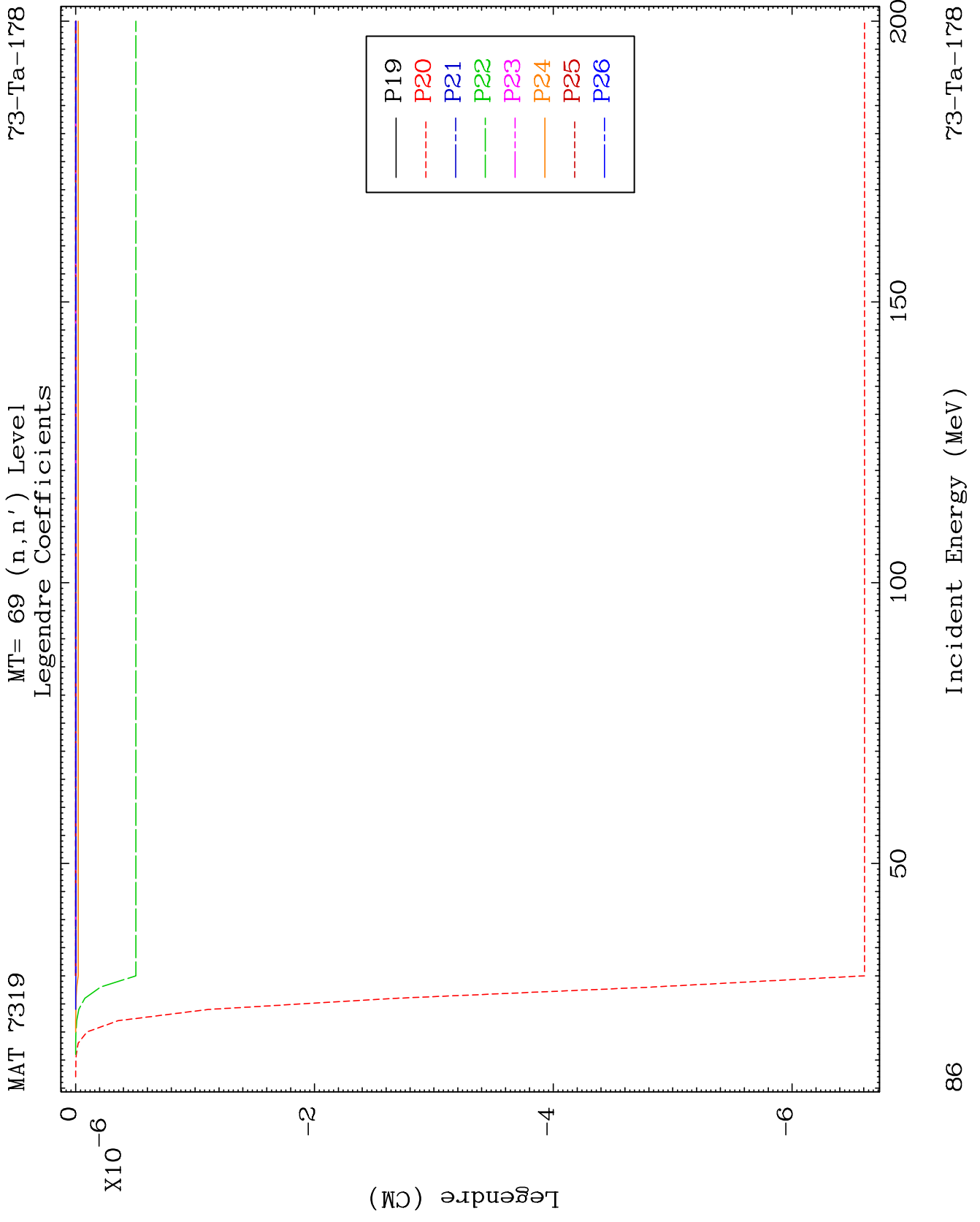
73-Ta-178



73-Ta-178

Incident Energy (MeV)

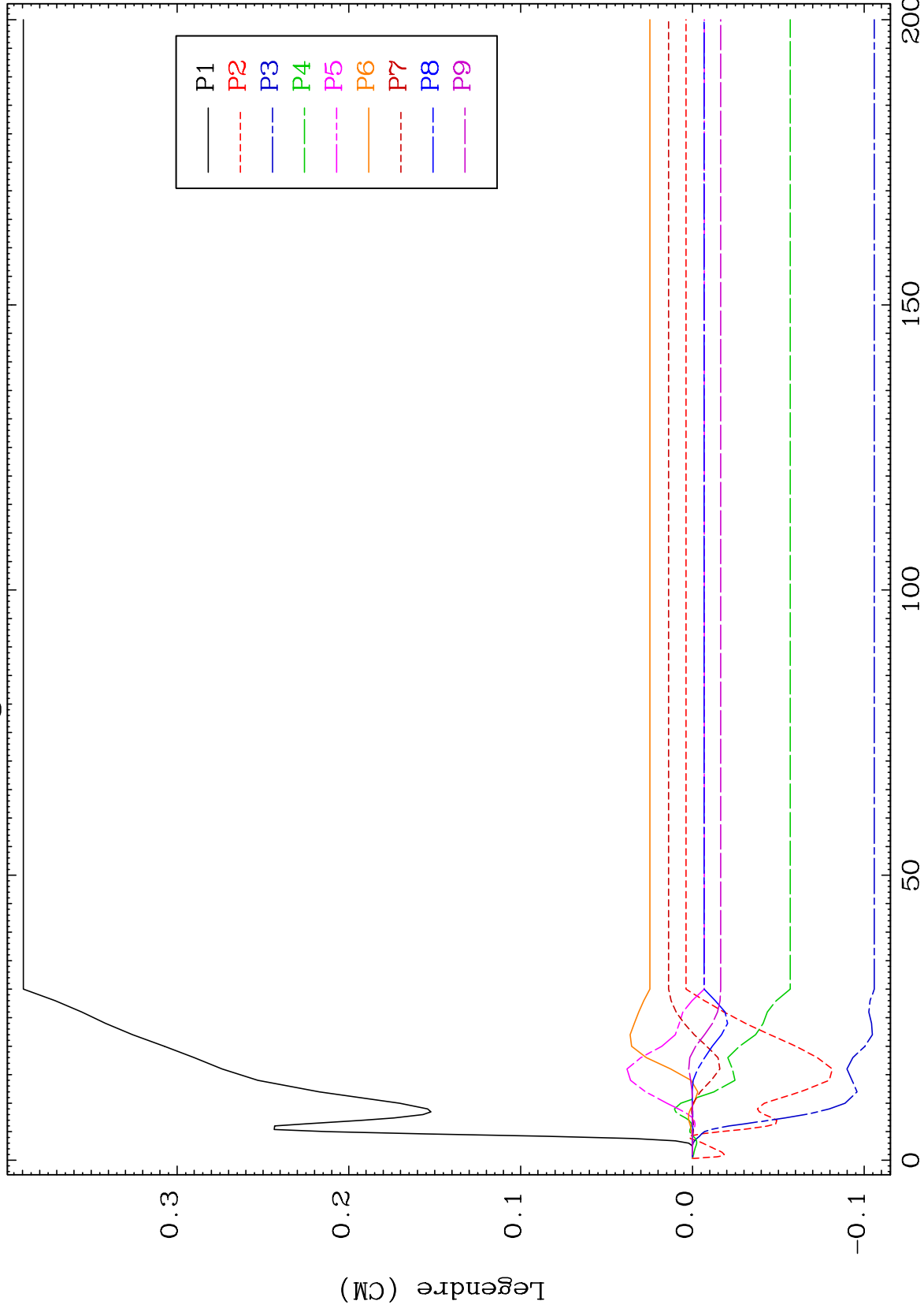
85



MAT 7319

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

73-Ta-178



87

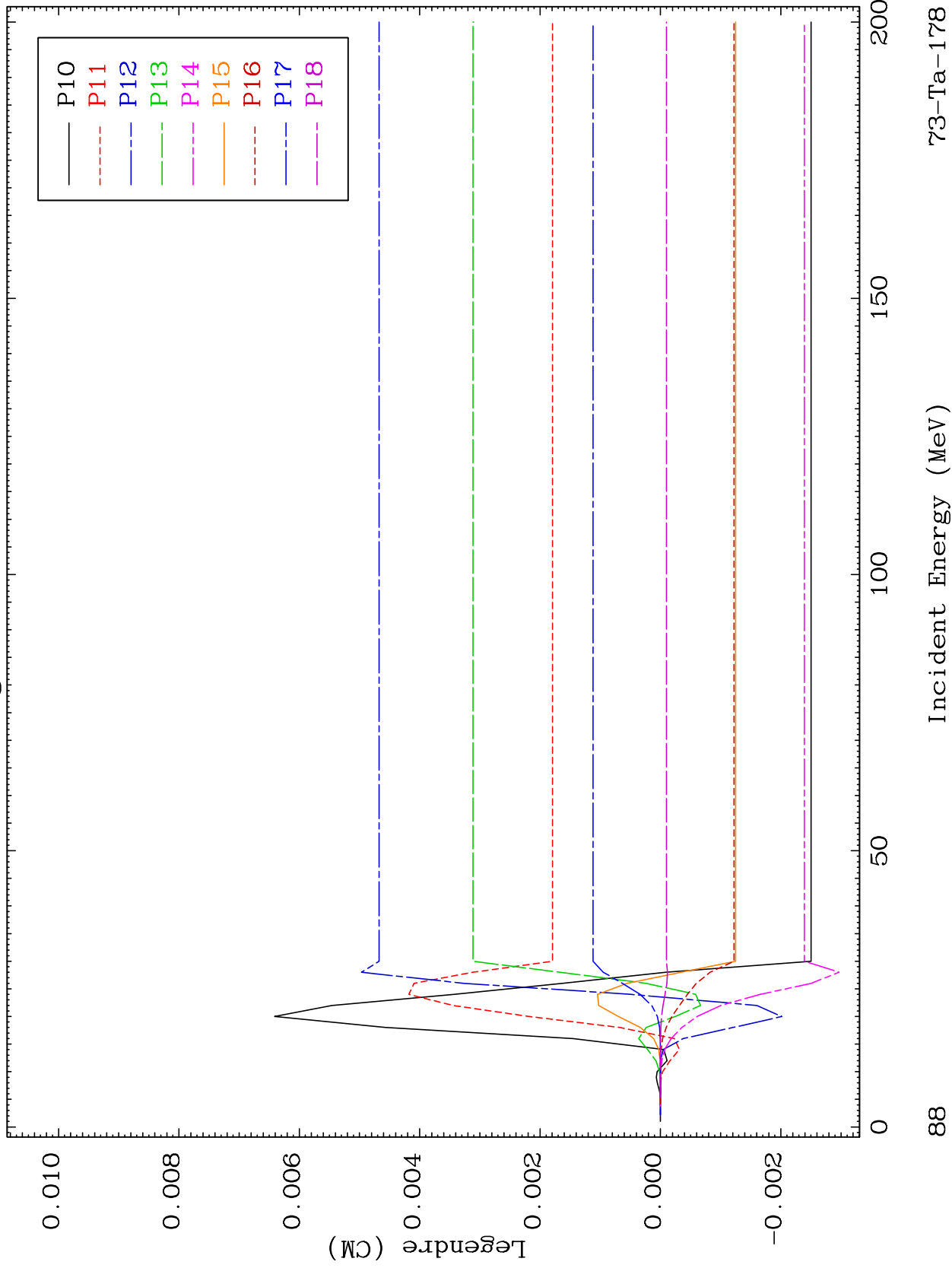
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

73-Ta-178

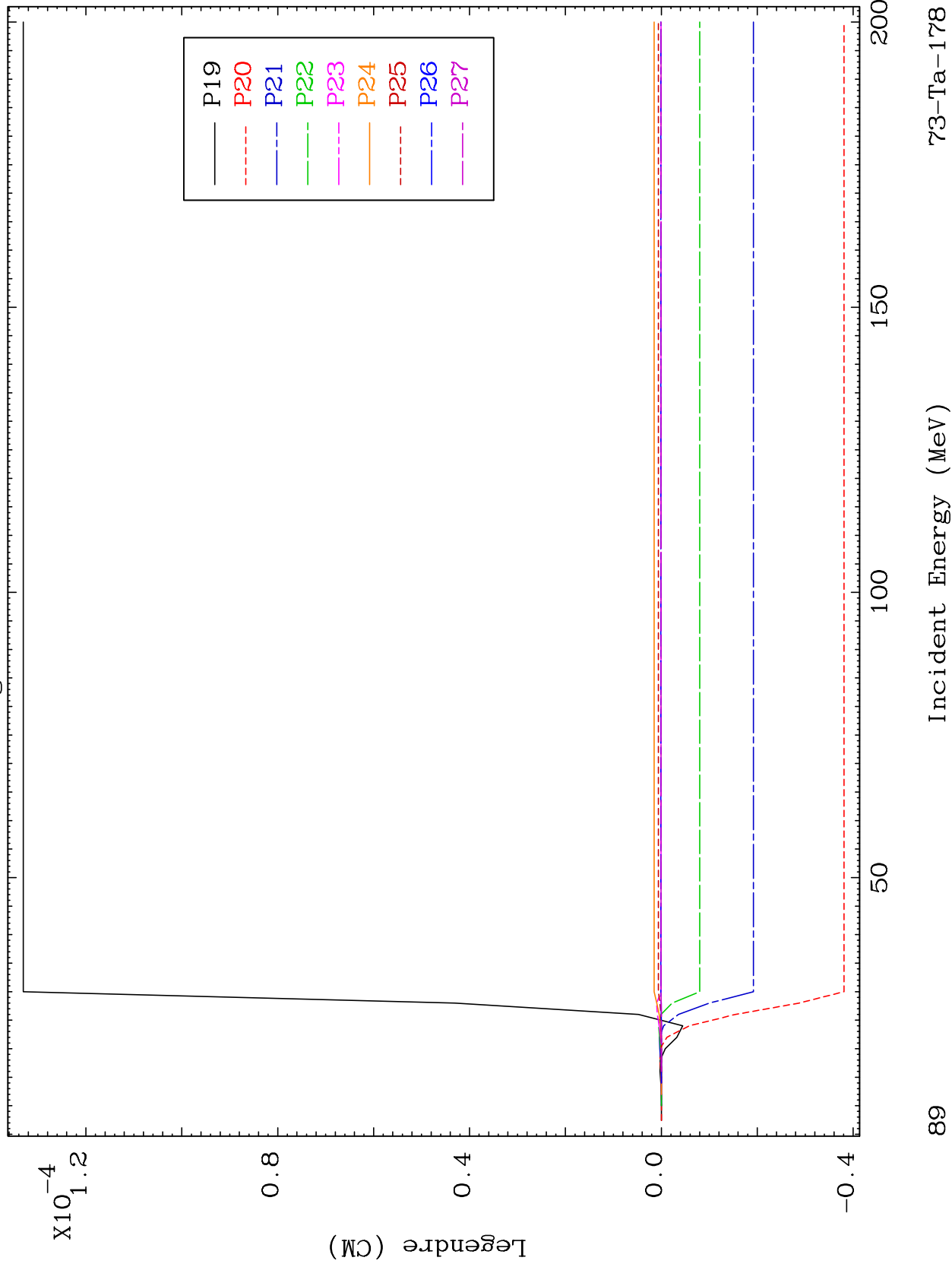


88

MAT 7319

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

73-Ta-178



89

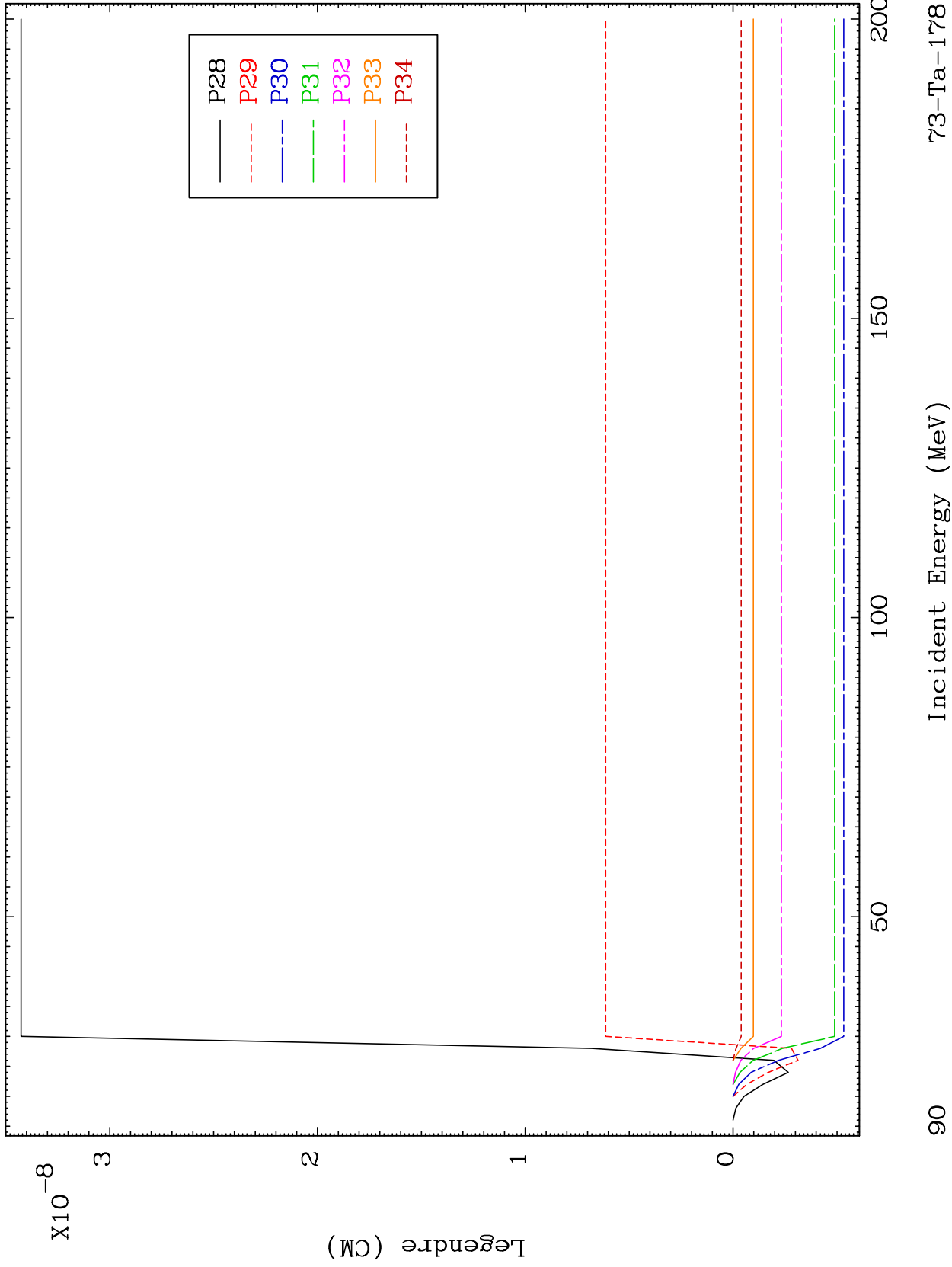
Incident Energy (MeV)

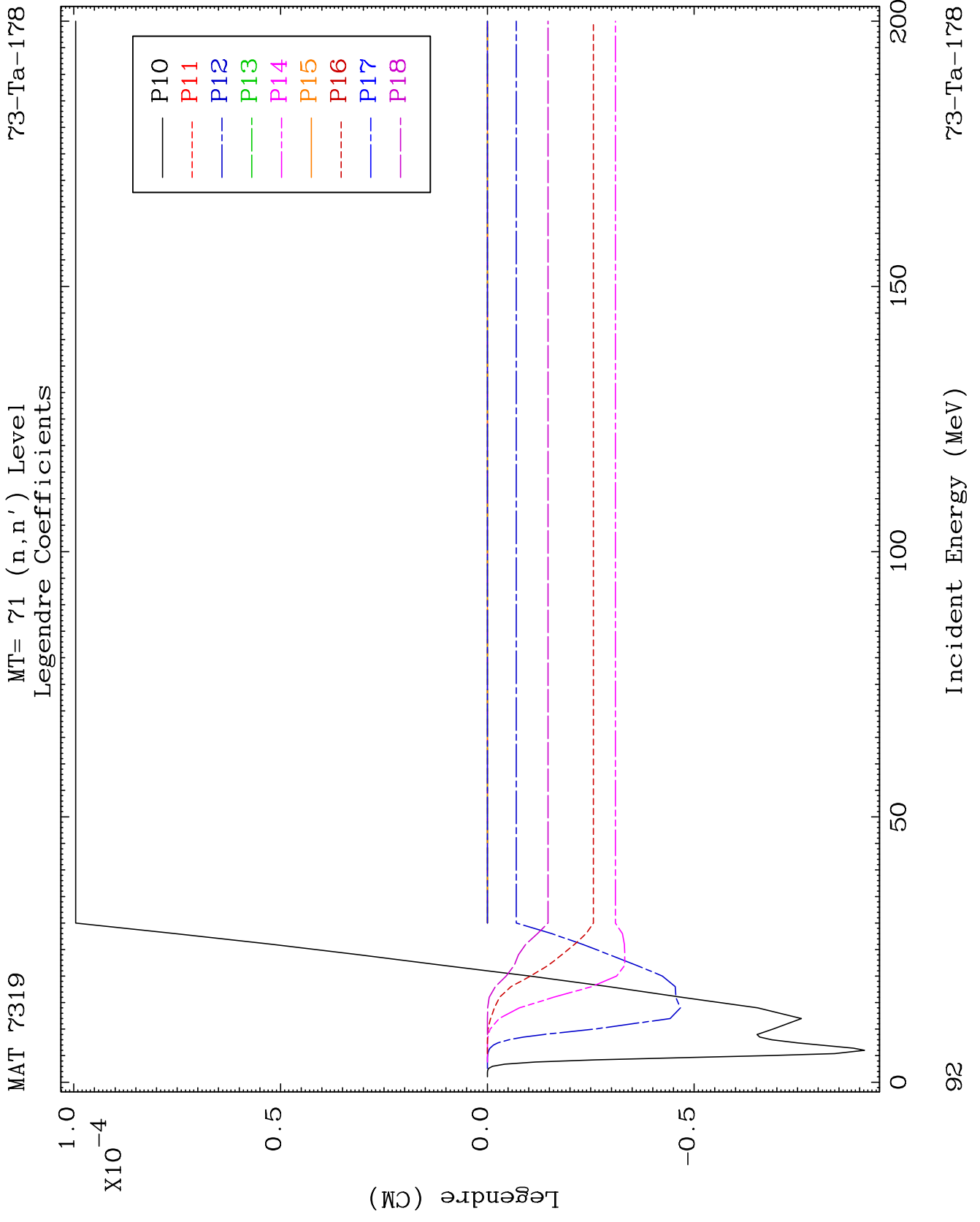
73-Ta-178

MAT 7319

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

73-Ta-178

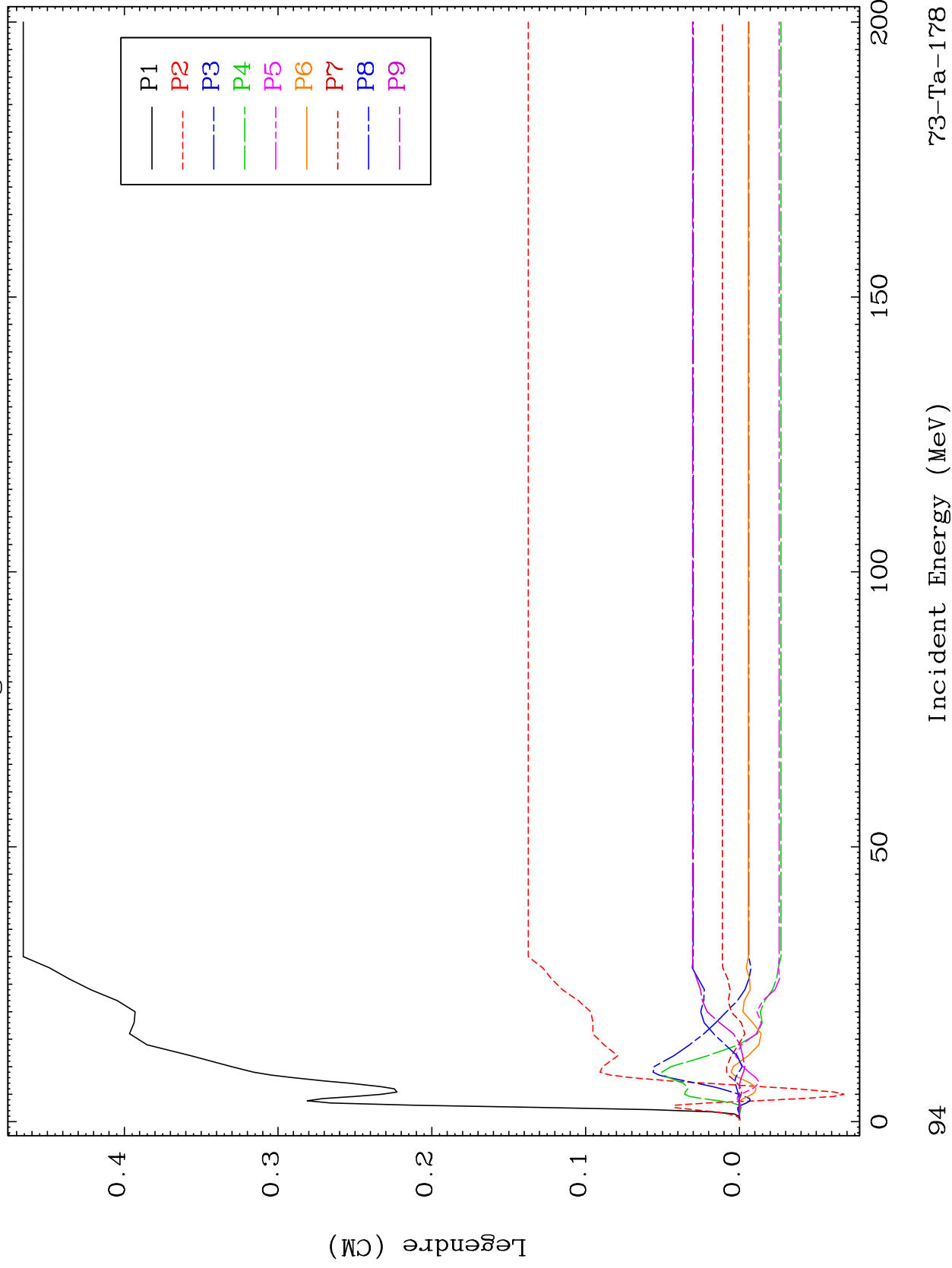




MAT 7319

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

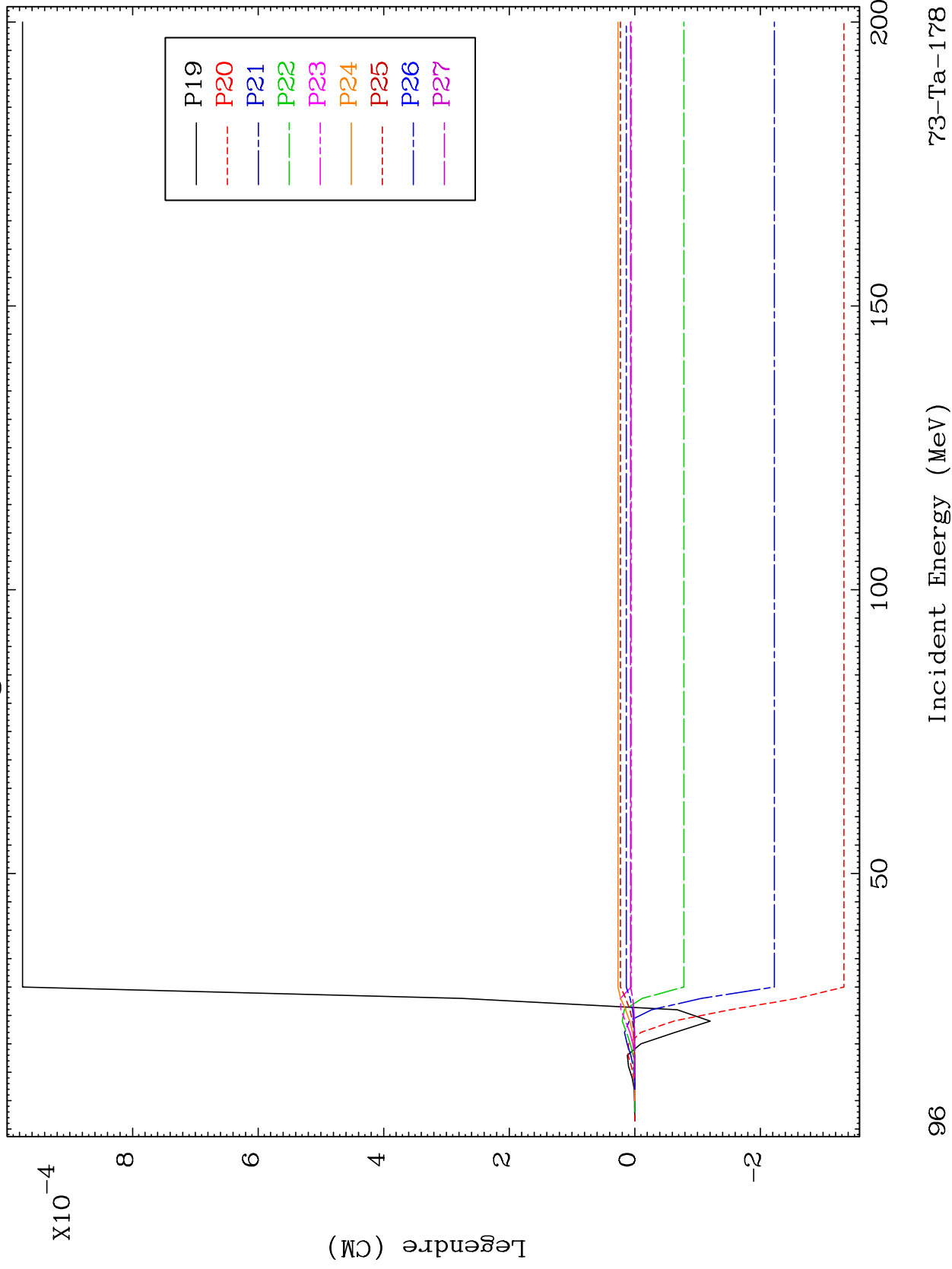
73-Ta-178



MAT 7319

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

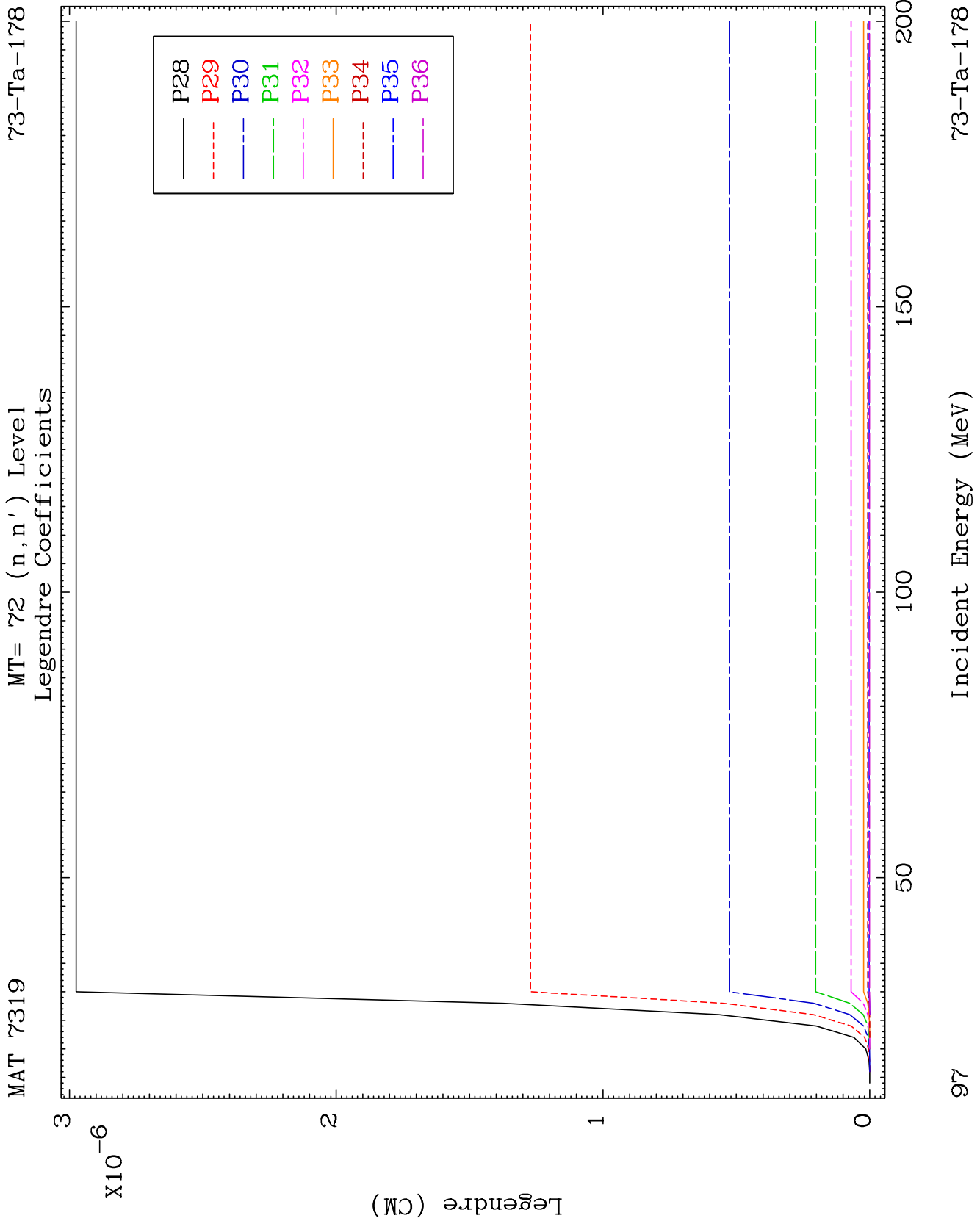
73-Ta-178

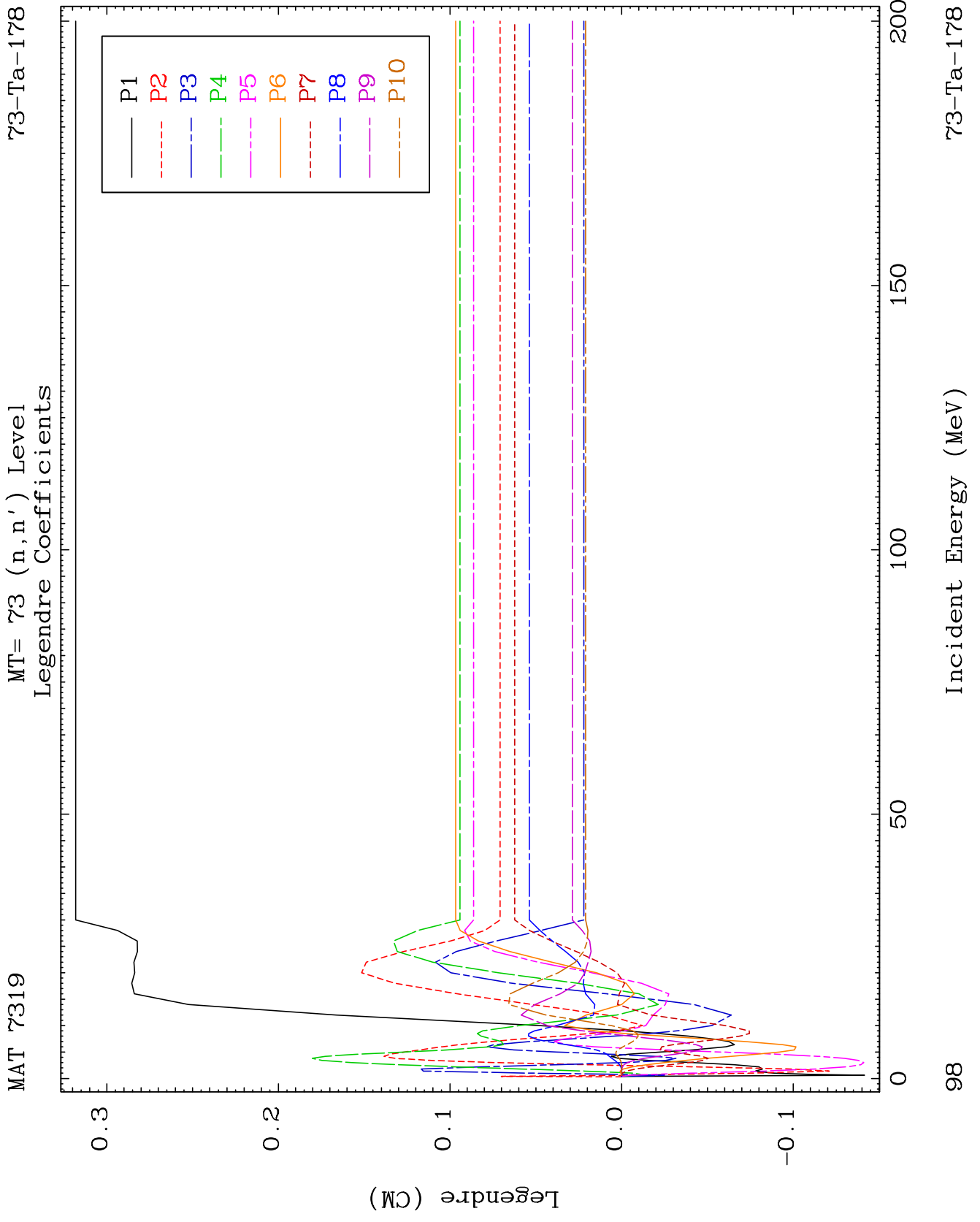


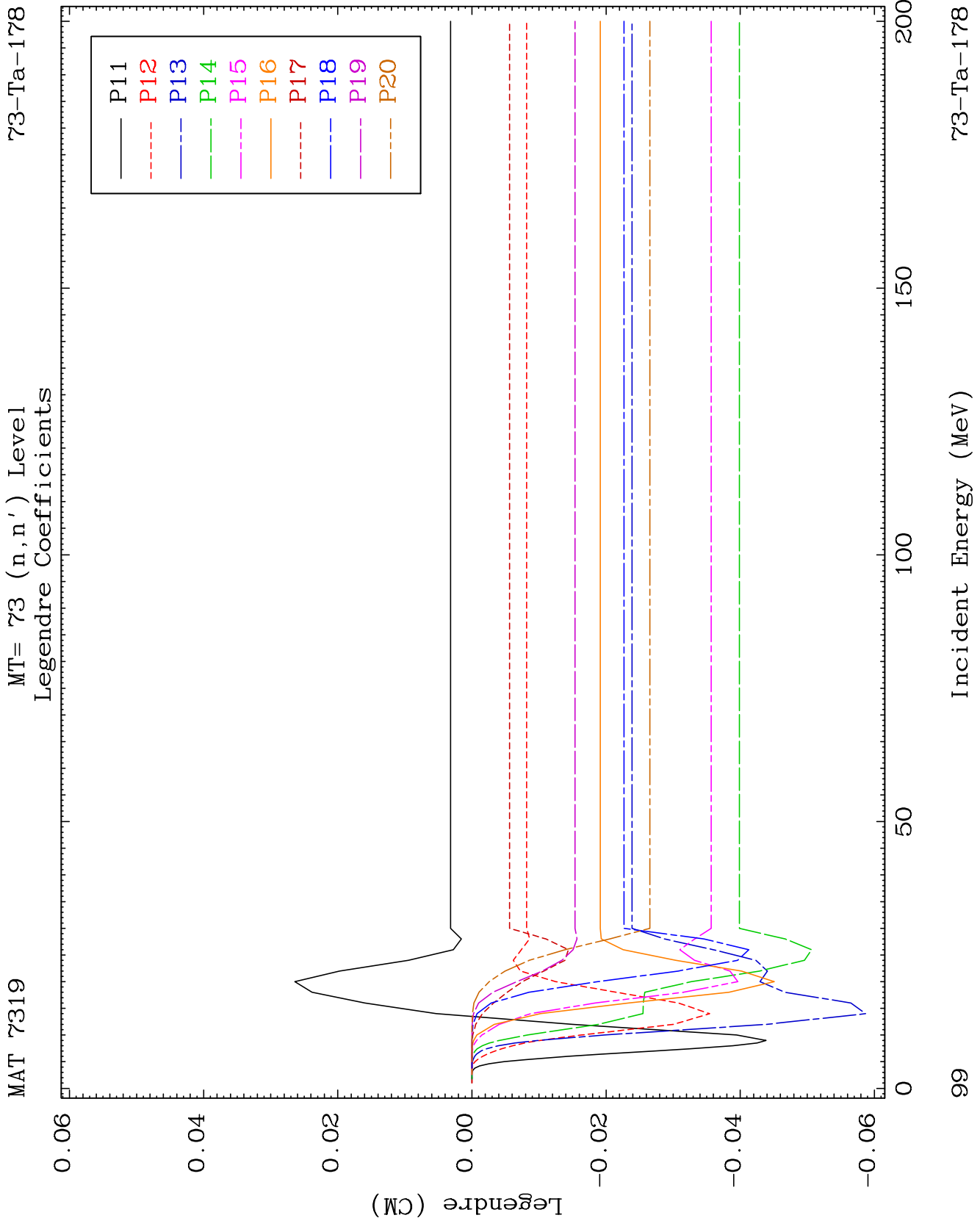
96

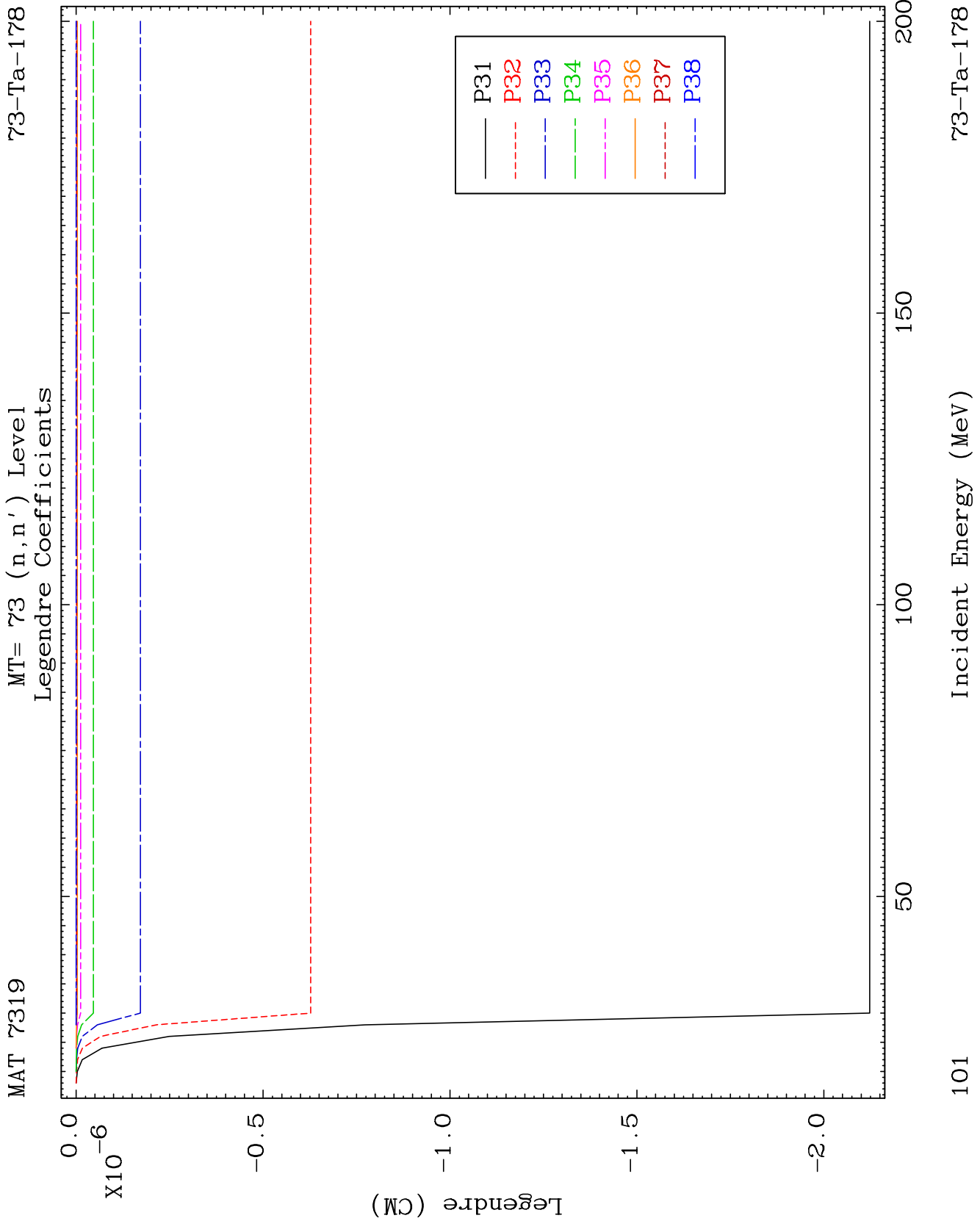
Incident Energy (MeV)

73-Ta-178





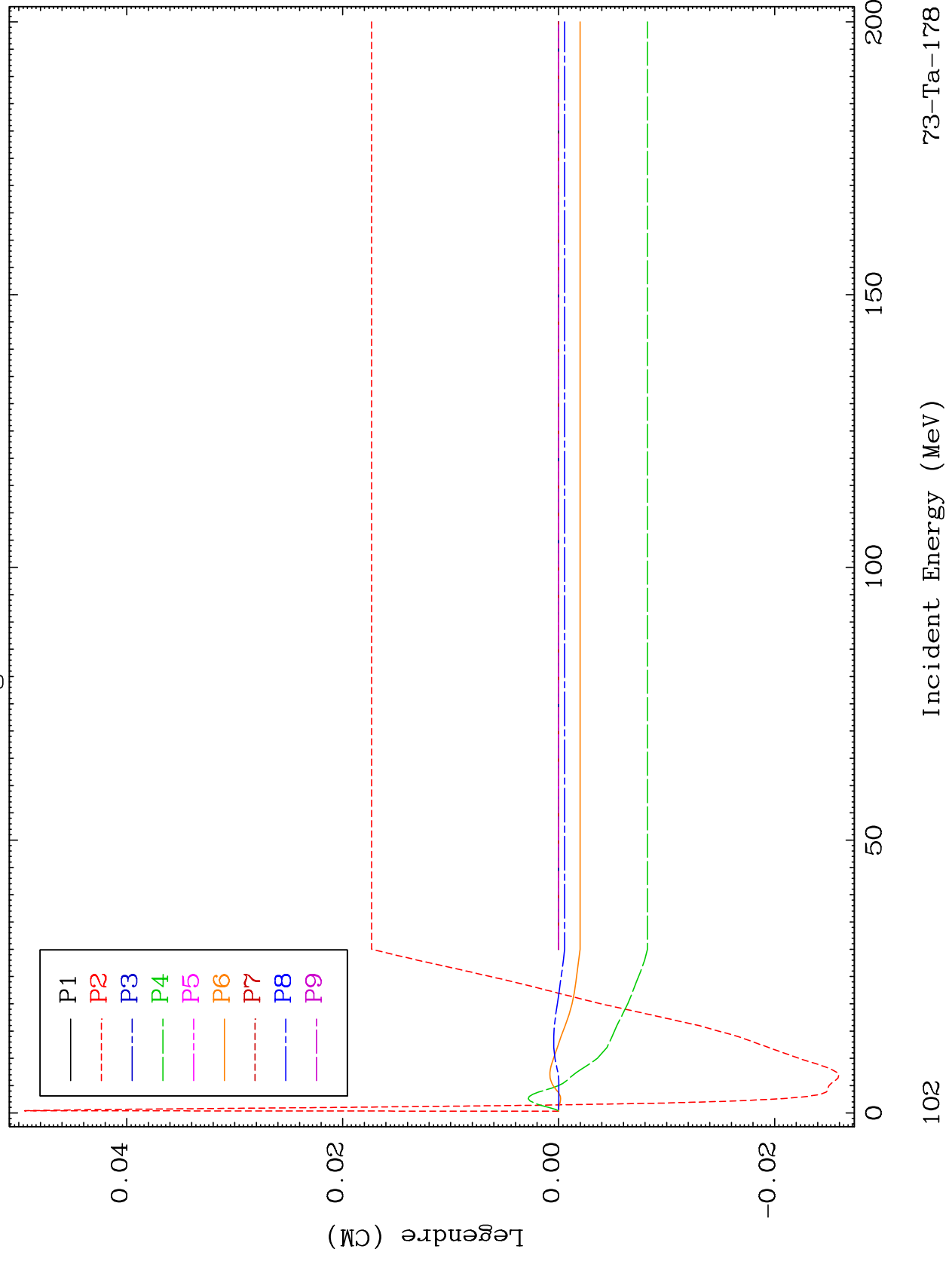




MAT 7319

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

73-Ta-178



73-Ta-178

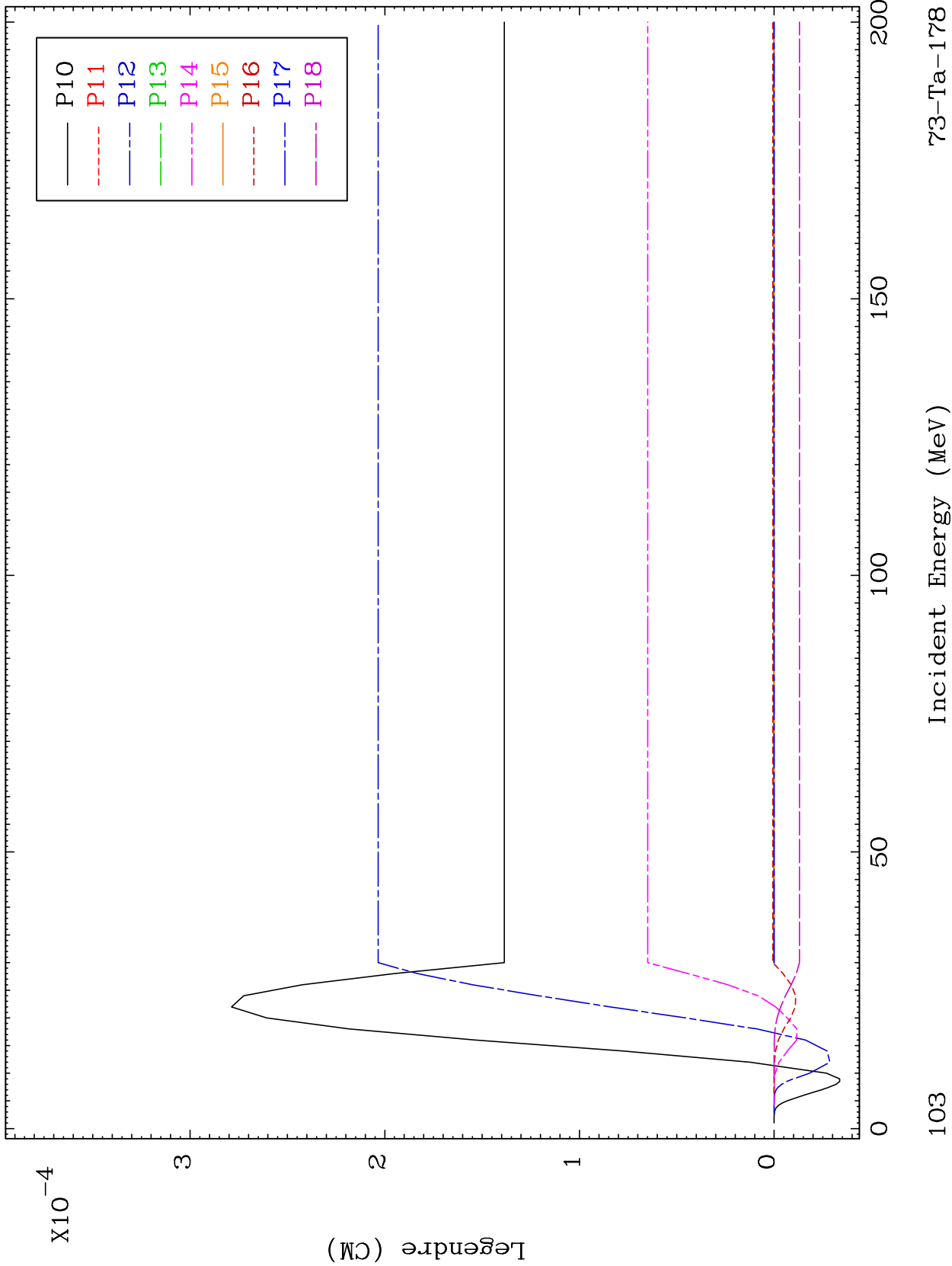
Incident Energy (MeV)

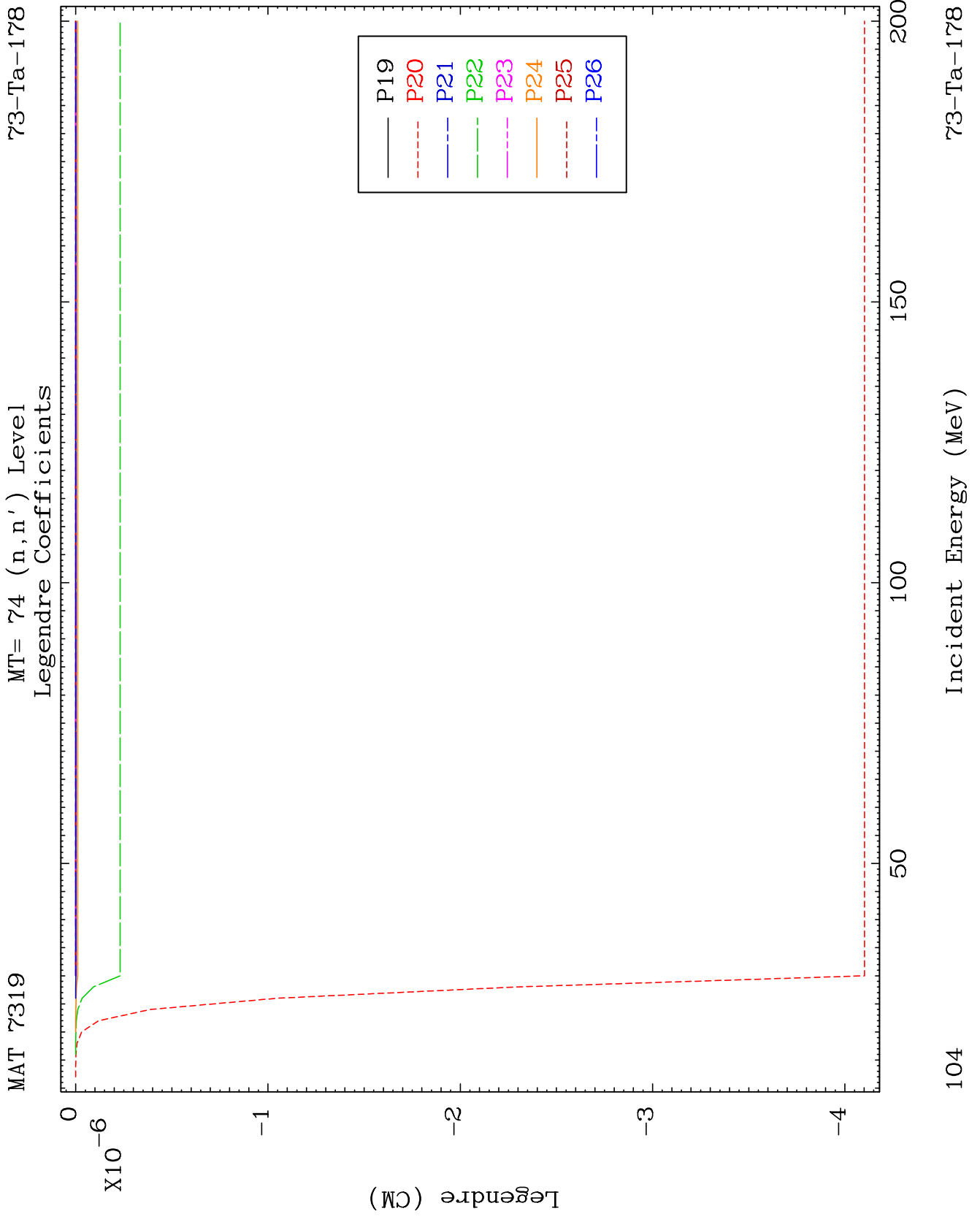
102

MAT 7319

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

73-Ta-178

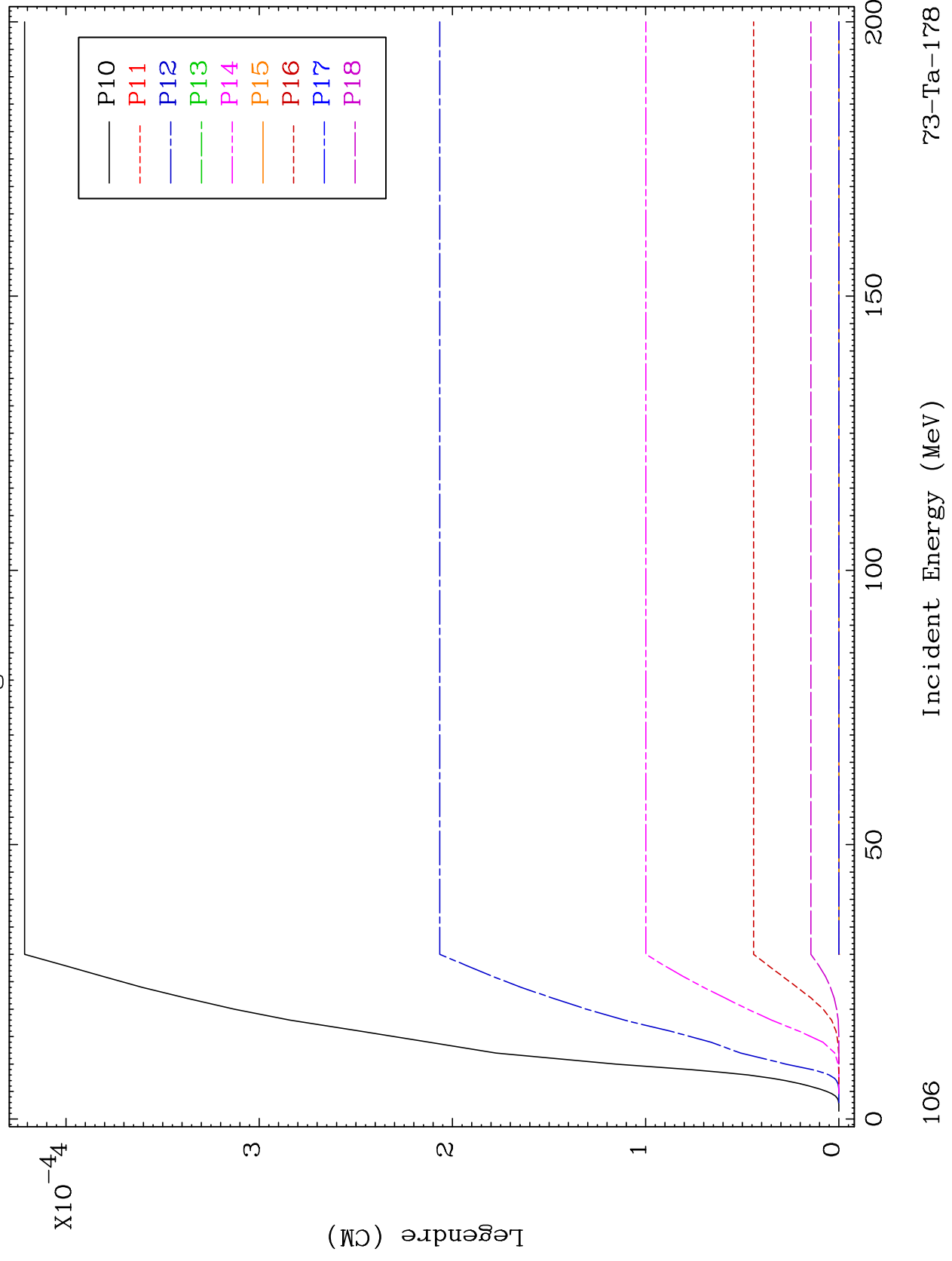




MAT 7319

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

73-Ta-178



106

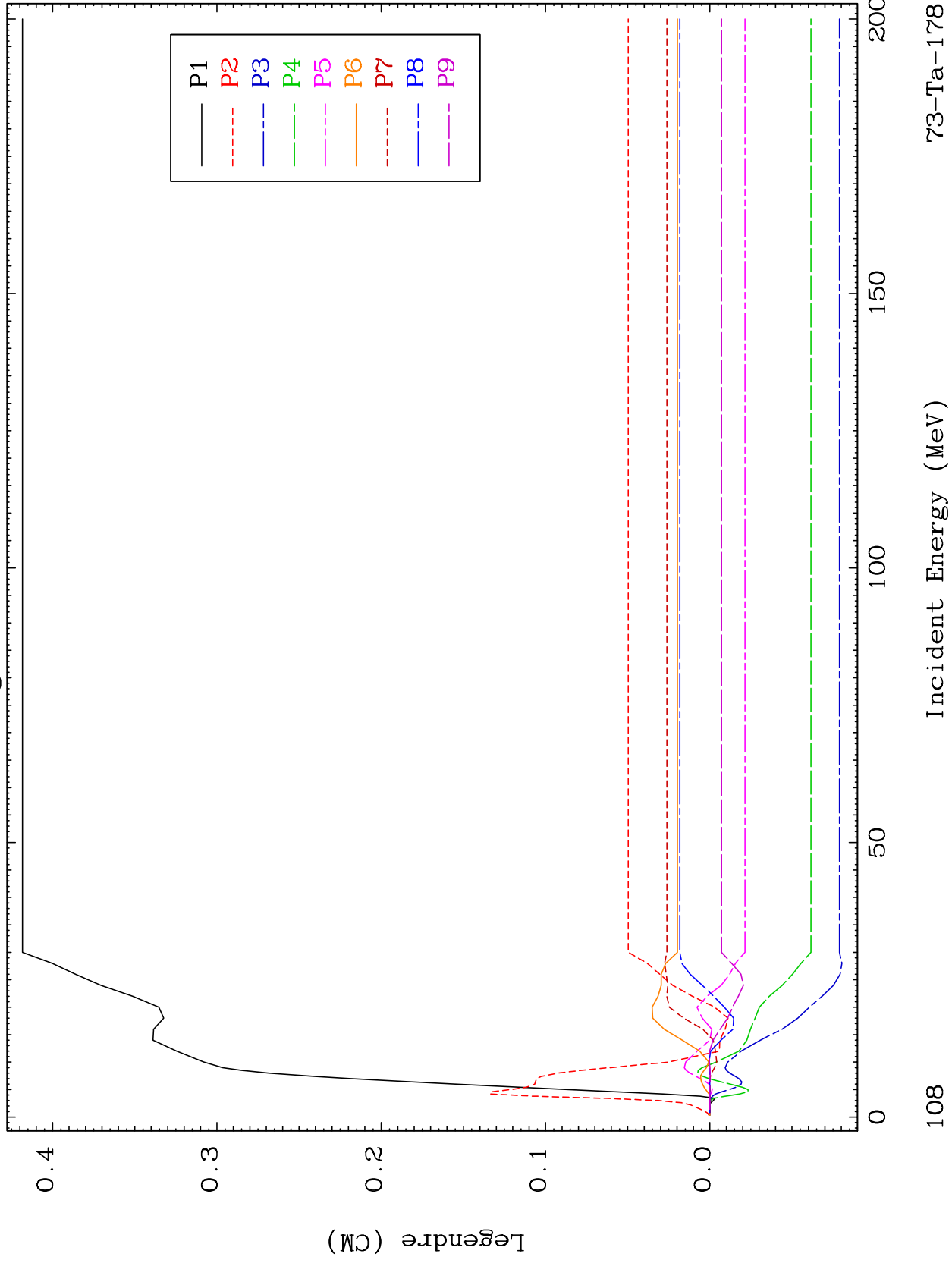
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

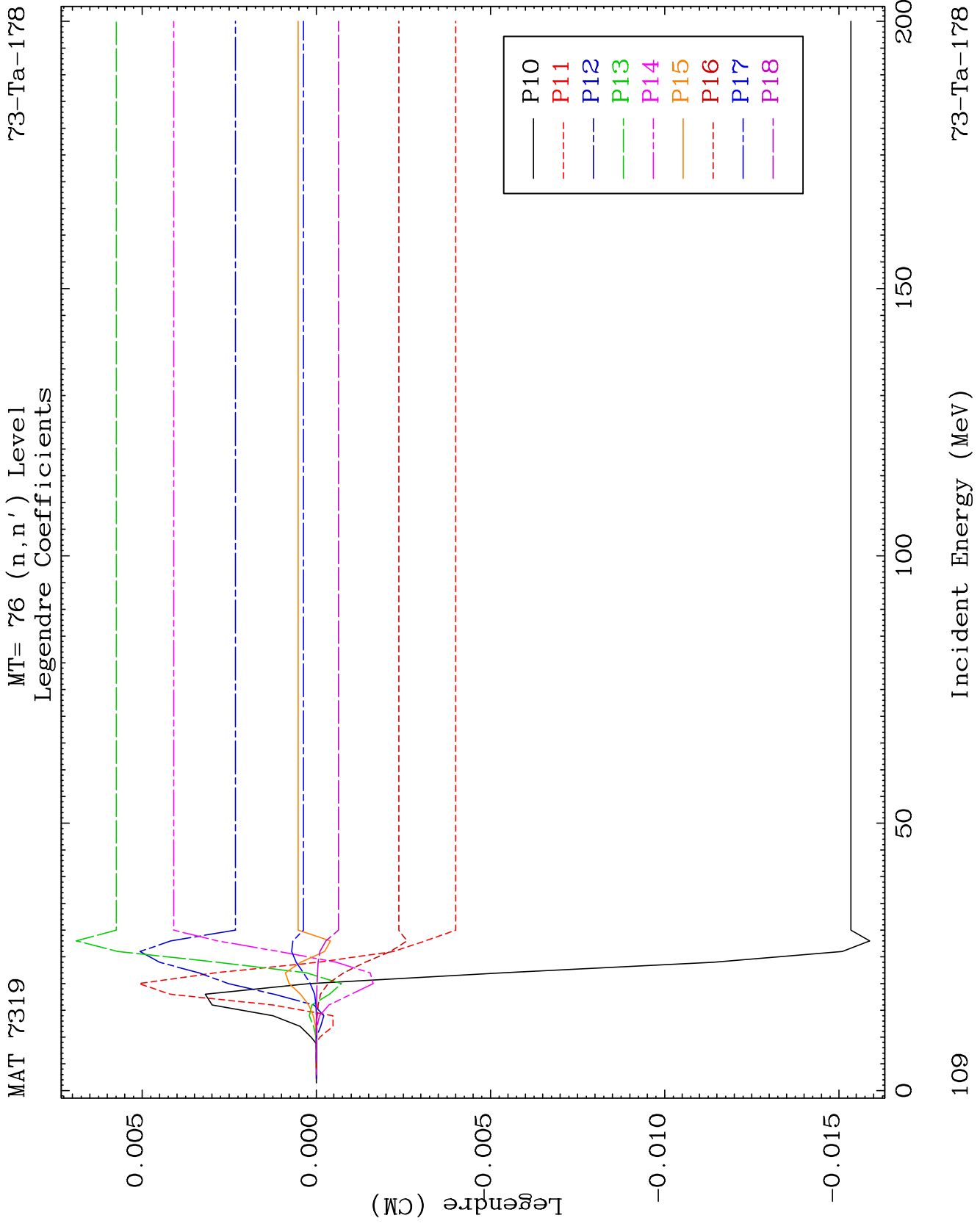
73-Ta-178



73-Ta-178

Incident Energy (MeV)

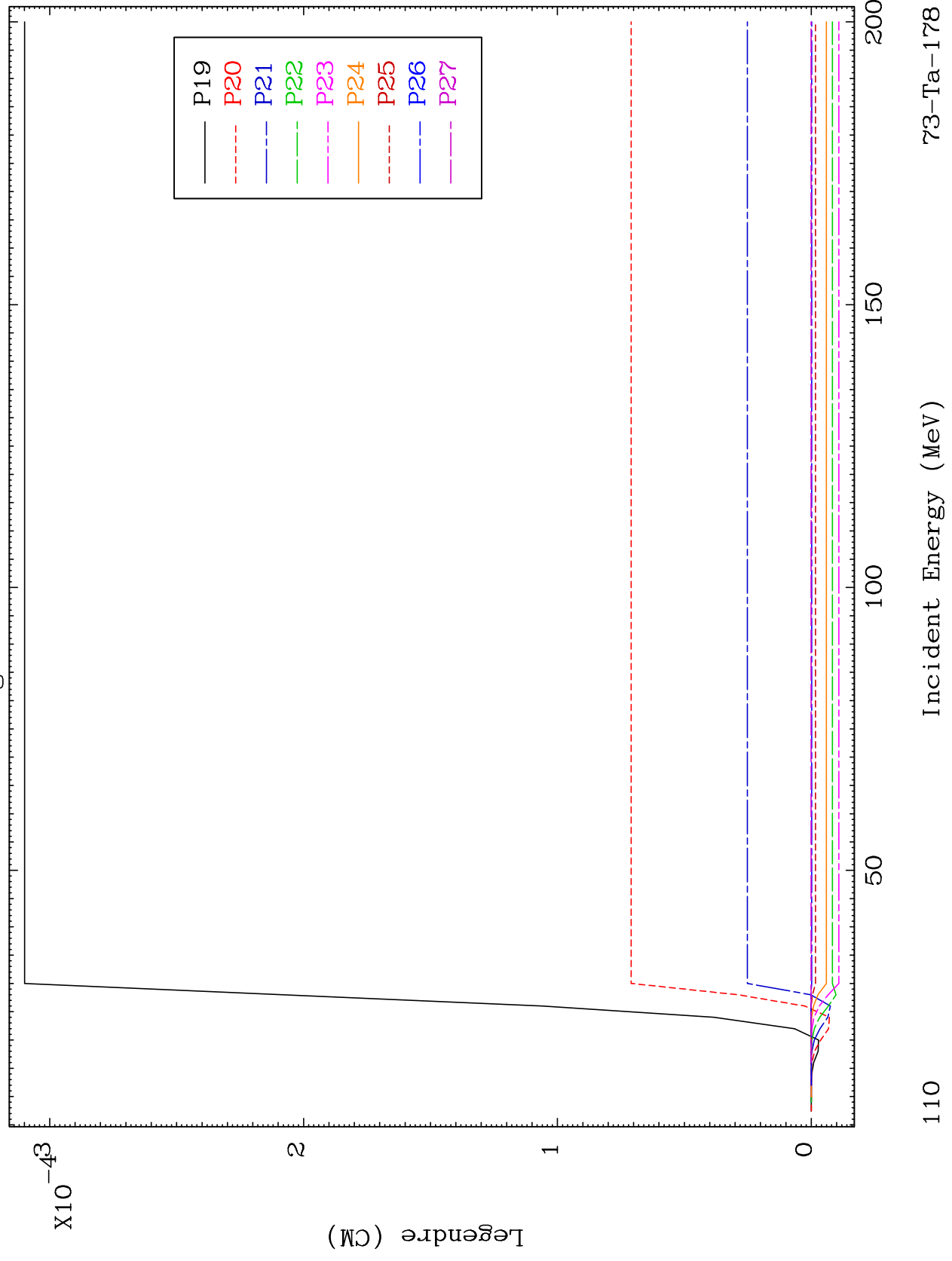
108



MAT 7319

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

73-Ta-178



110

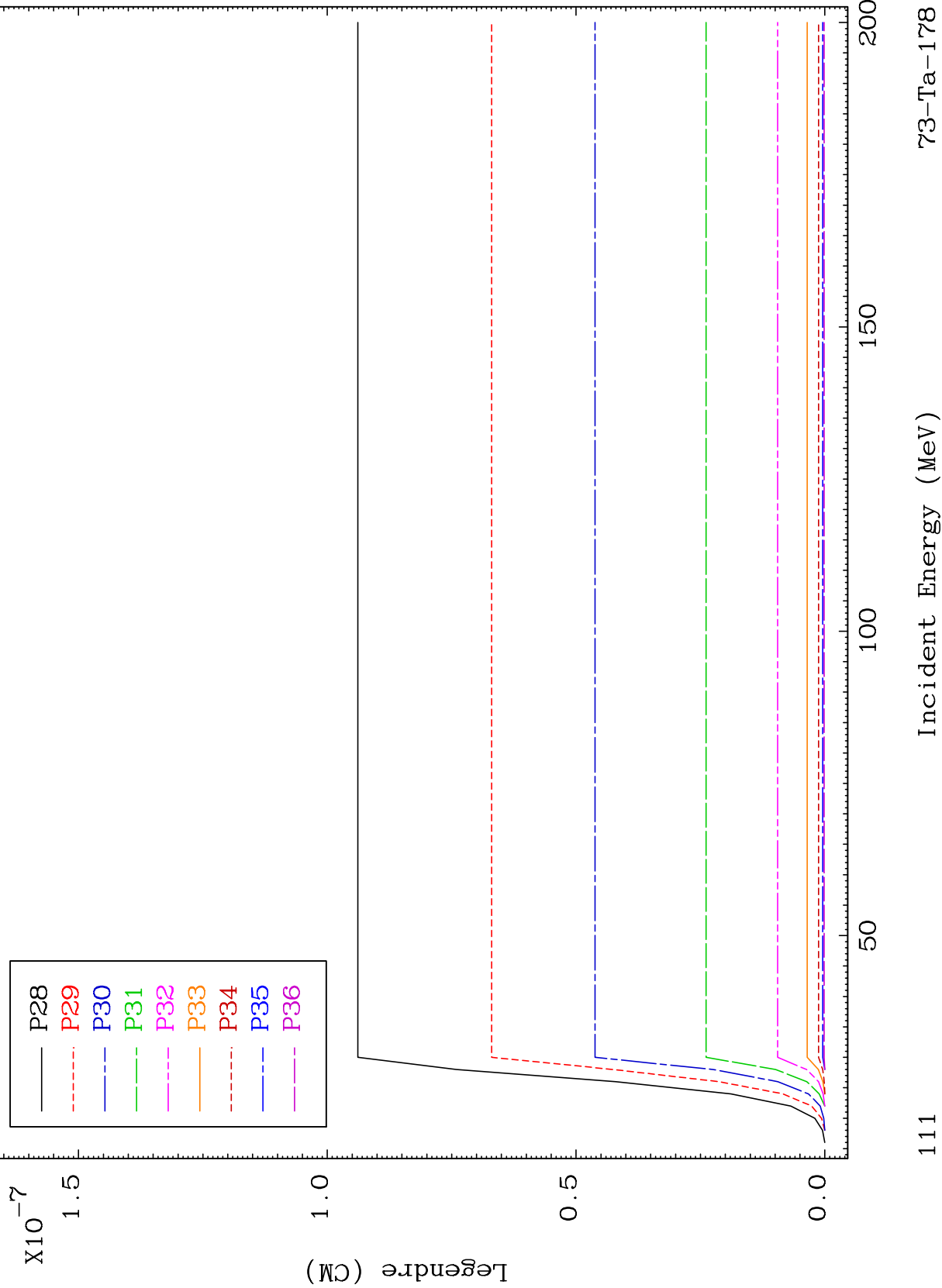
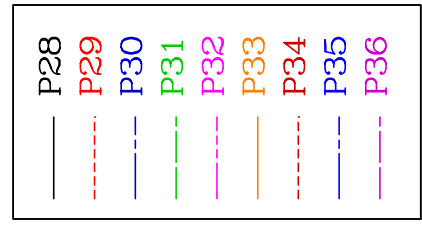
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

73-Ta-178



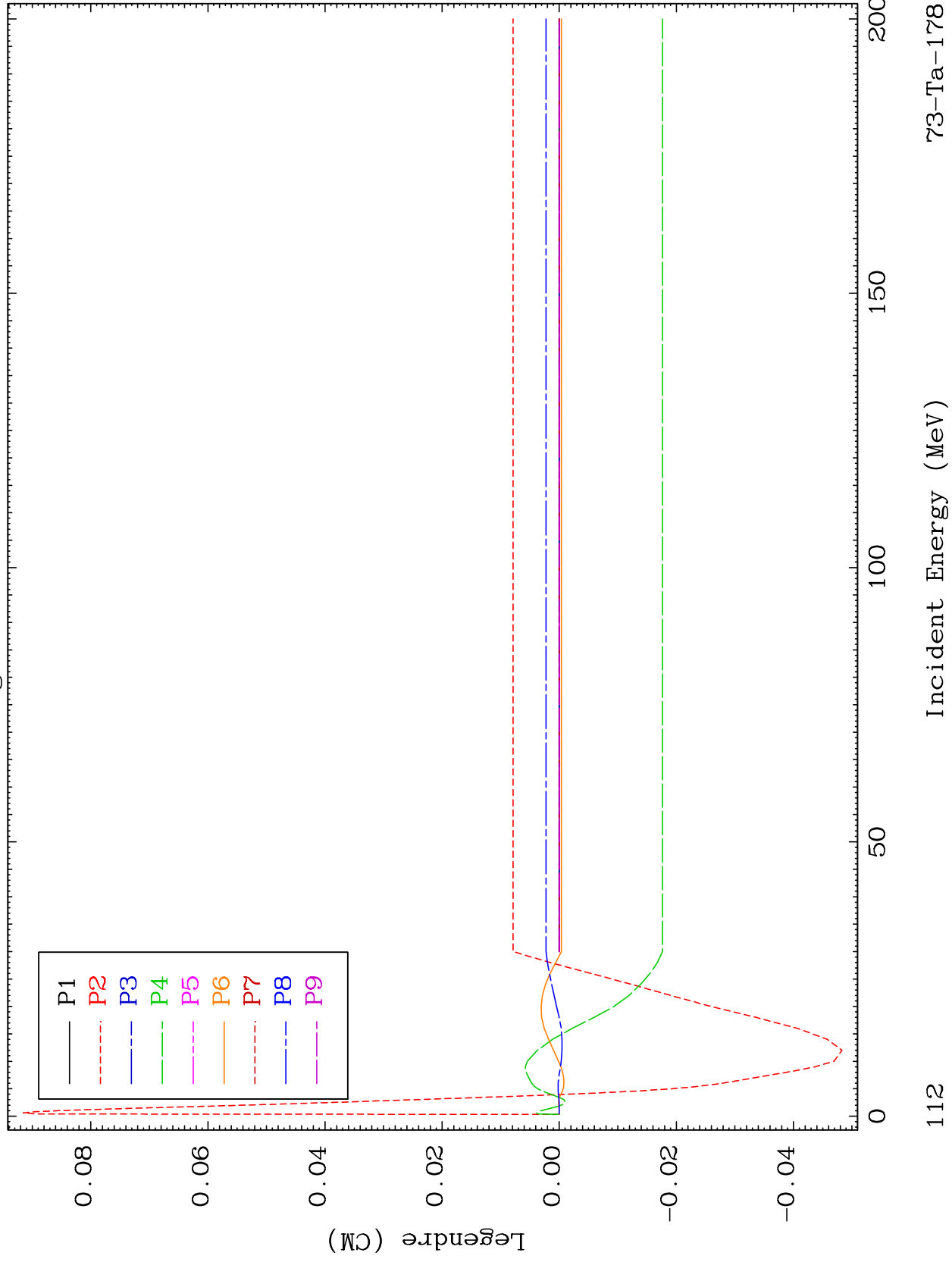
111

73-Ta-178

MAT 7319

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

73-Ta-178



112

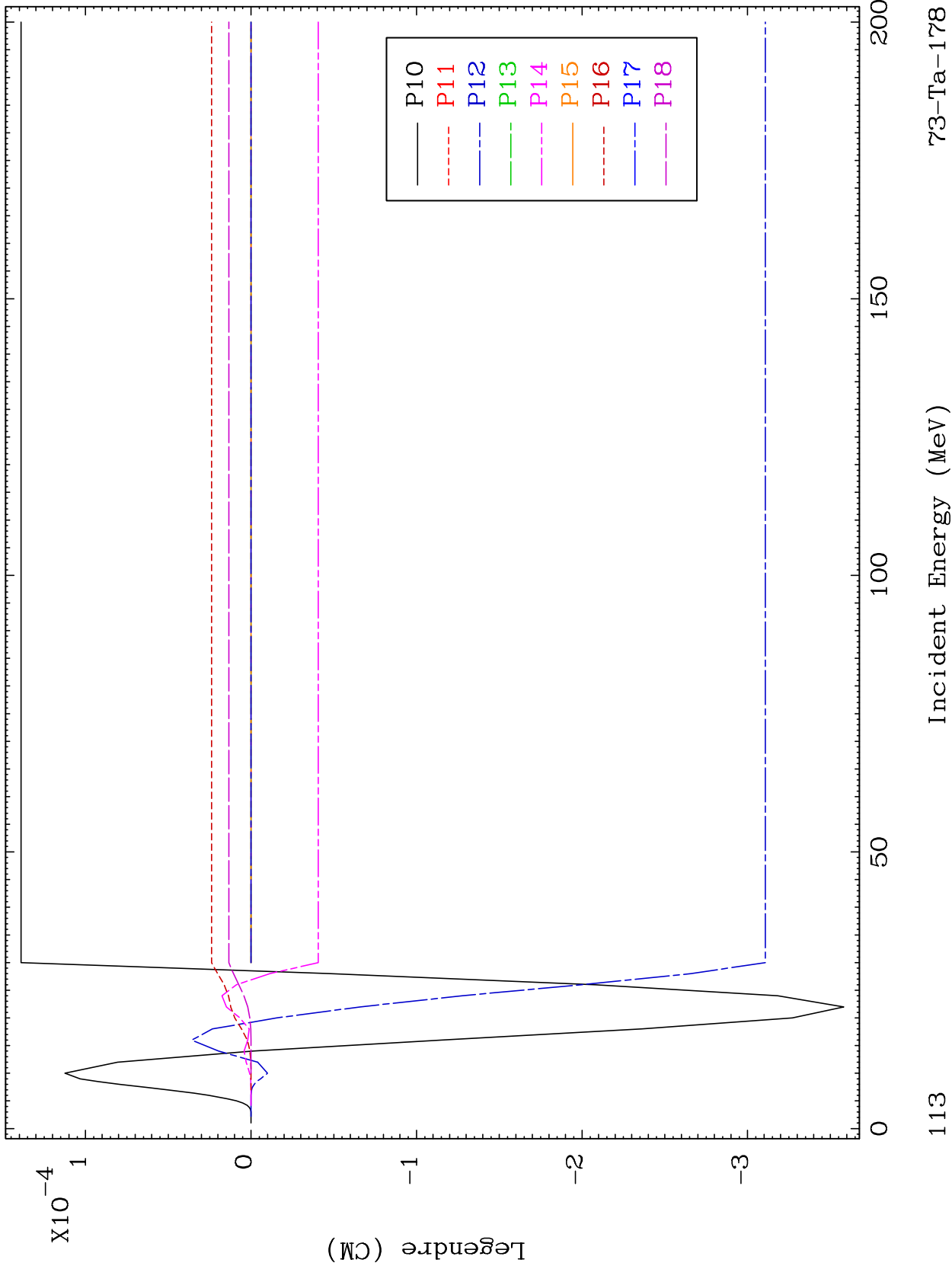
Incident Energy (MeV)

73-Ta-178

MAT 7319

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

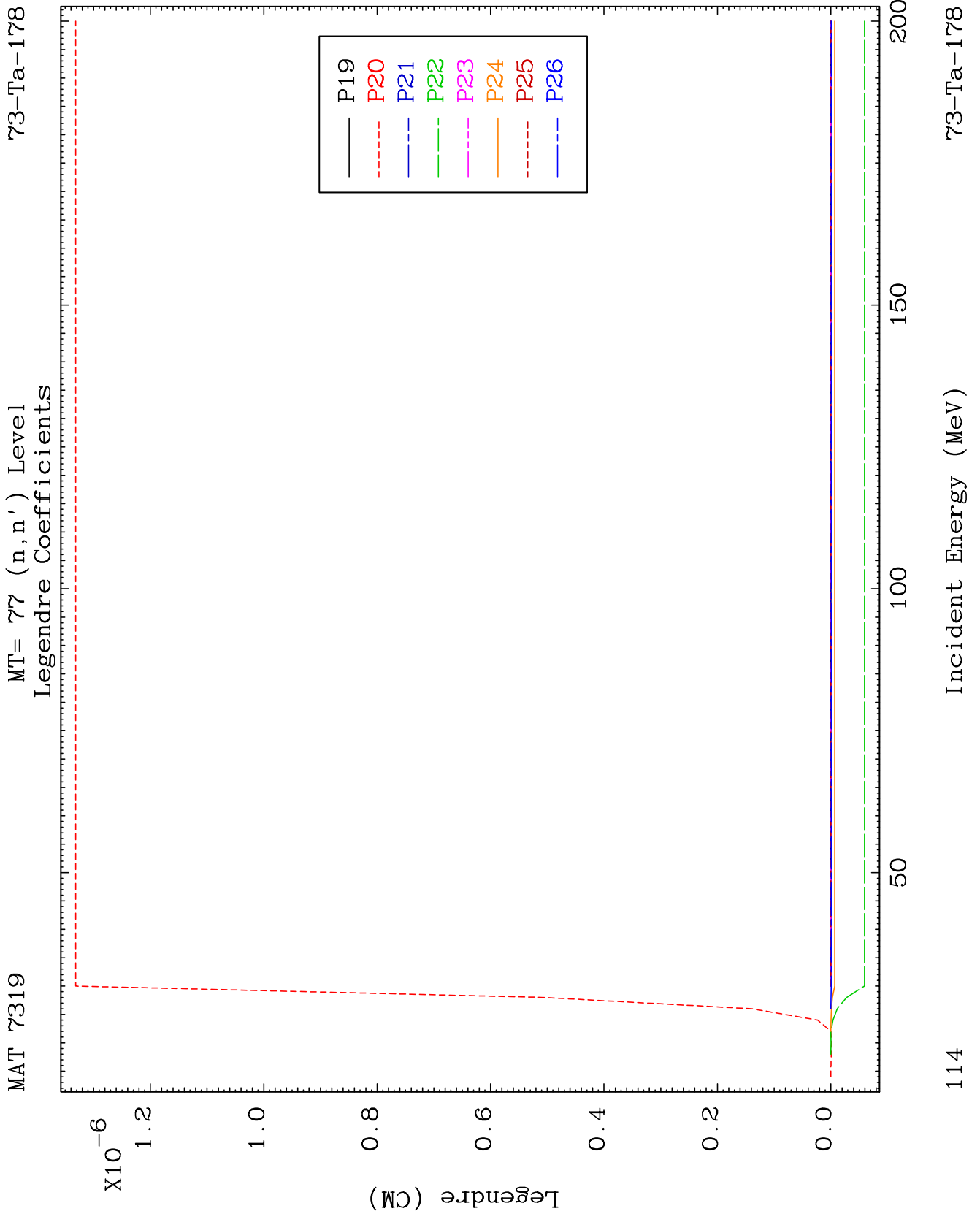
73-Ta-178

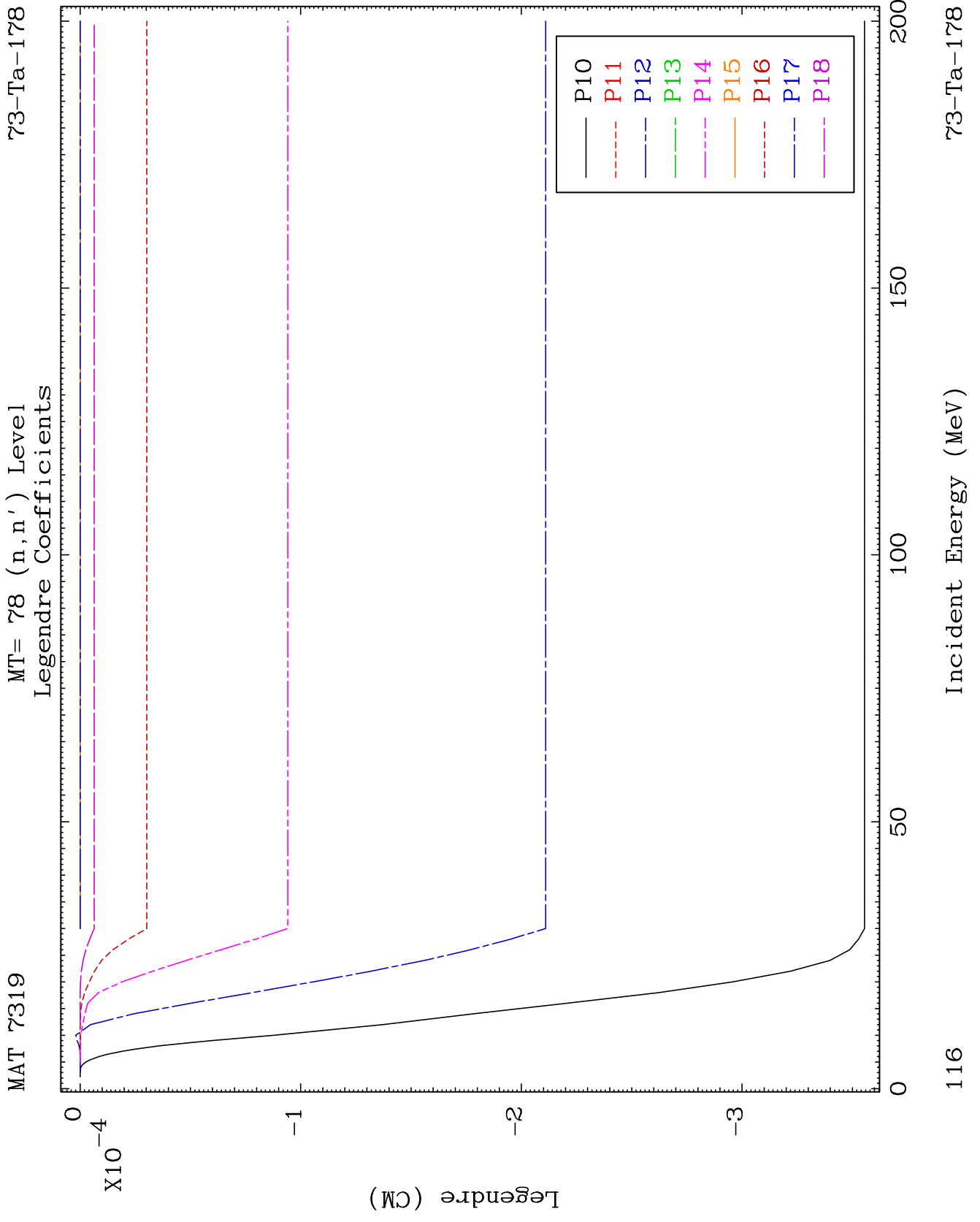


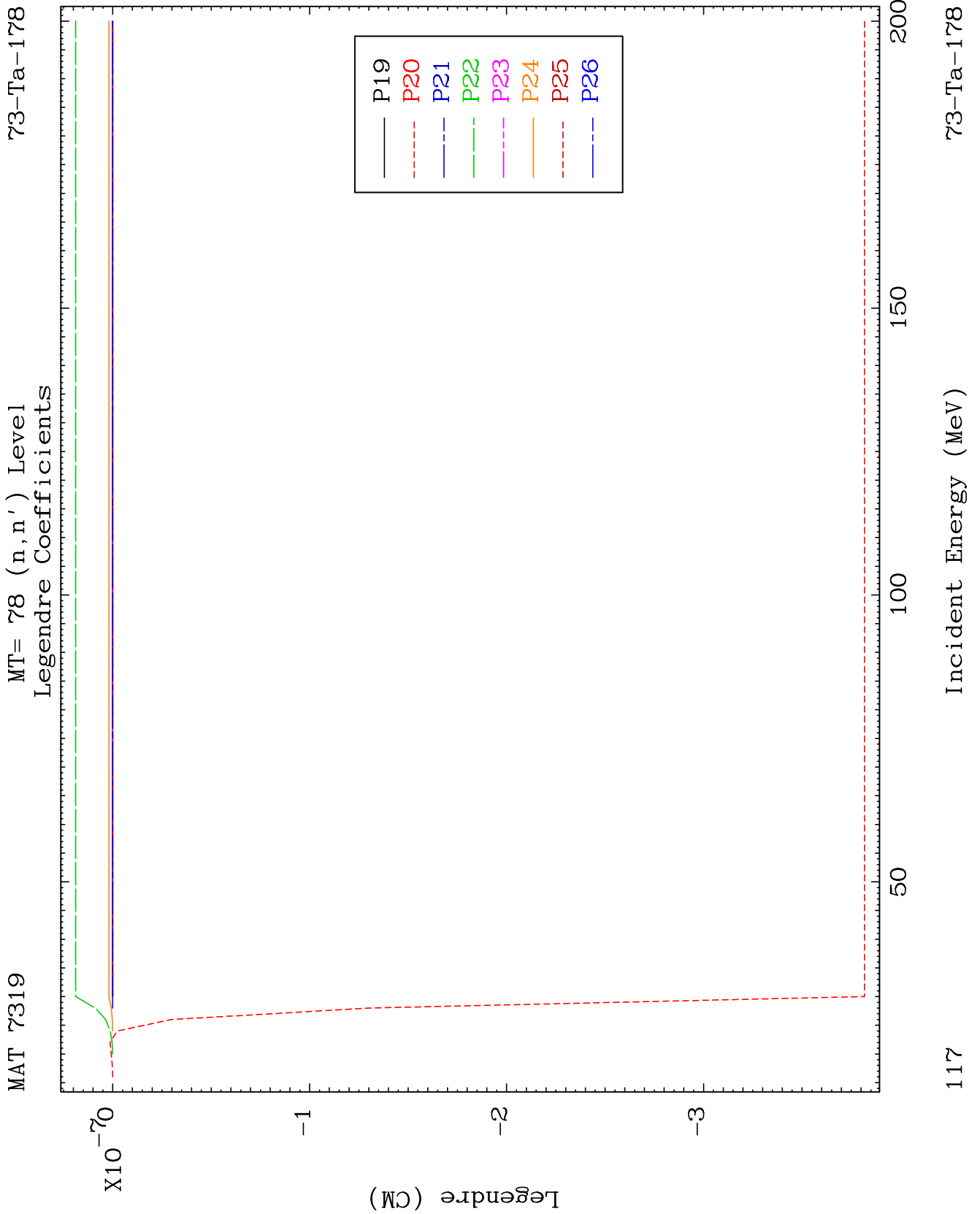
113

Incident Energy (MeV)

73-Ta-178



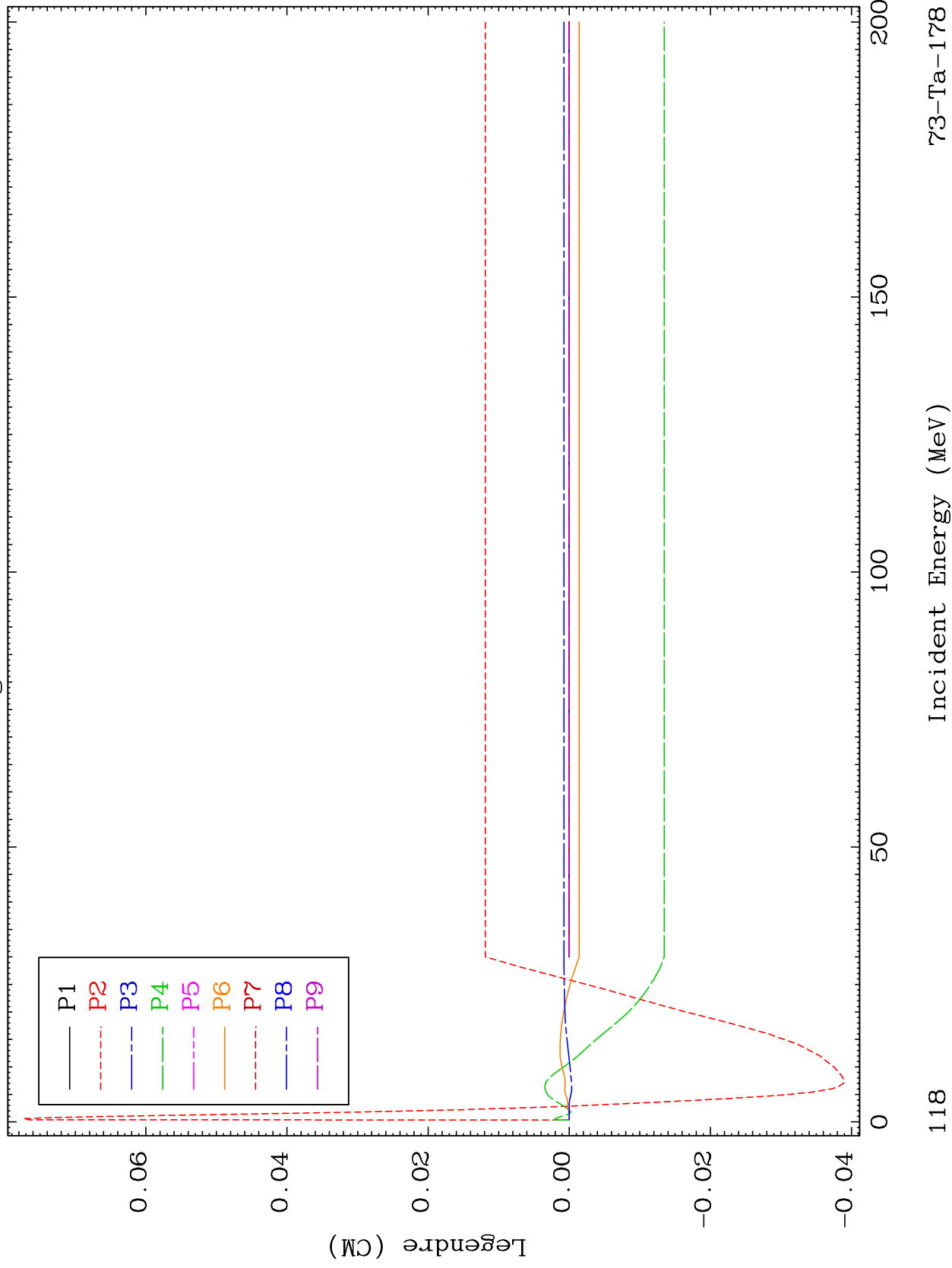




MAT 7319

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

⁷³Ta-178



⁷³Ta-178

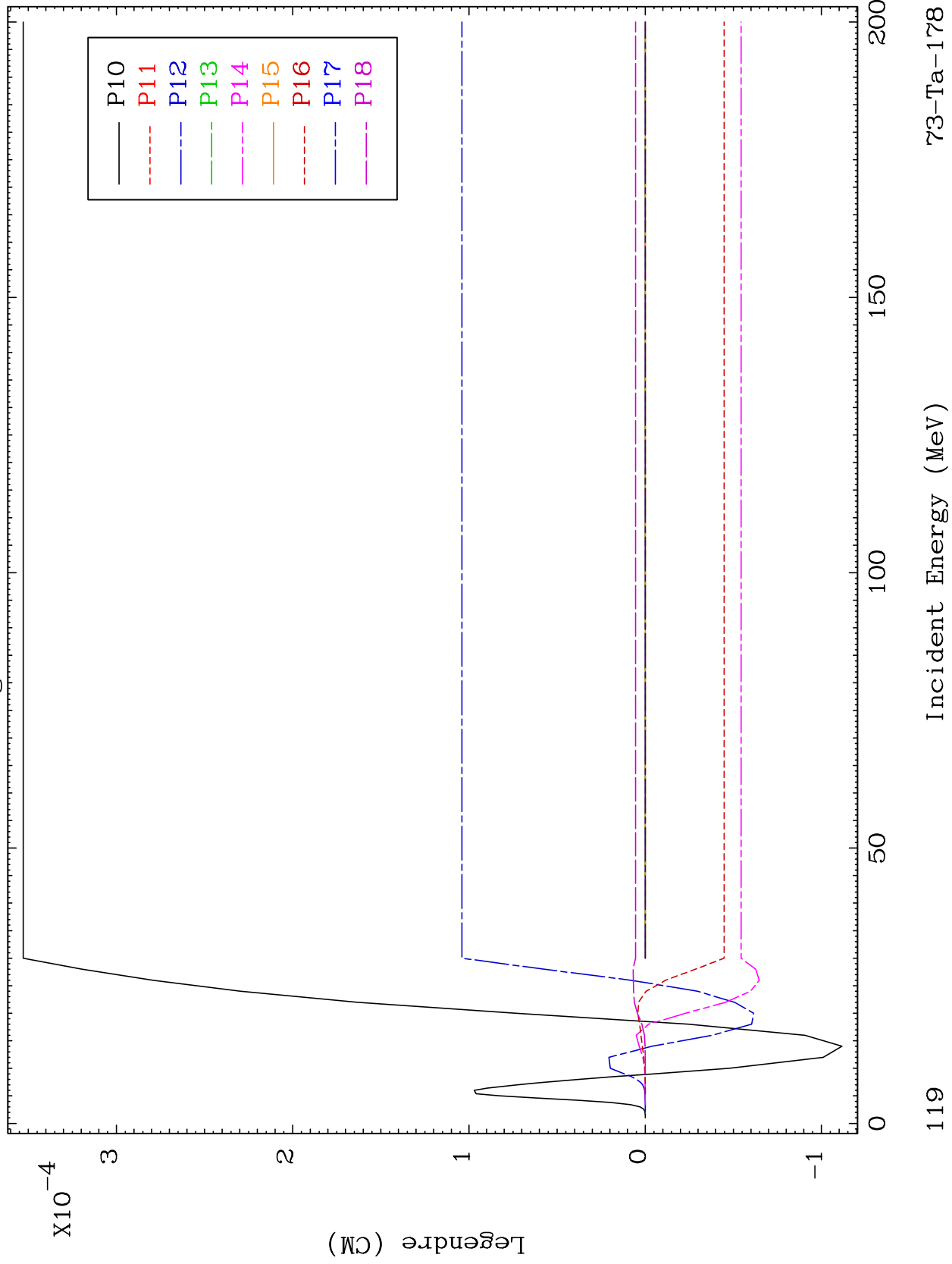
Incident Energy (MeV)

118

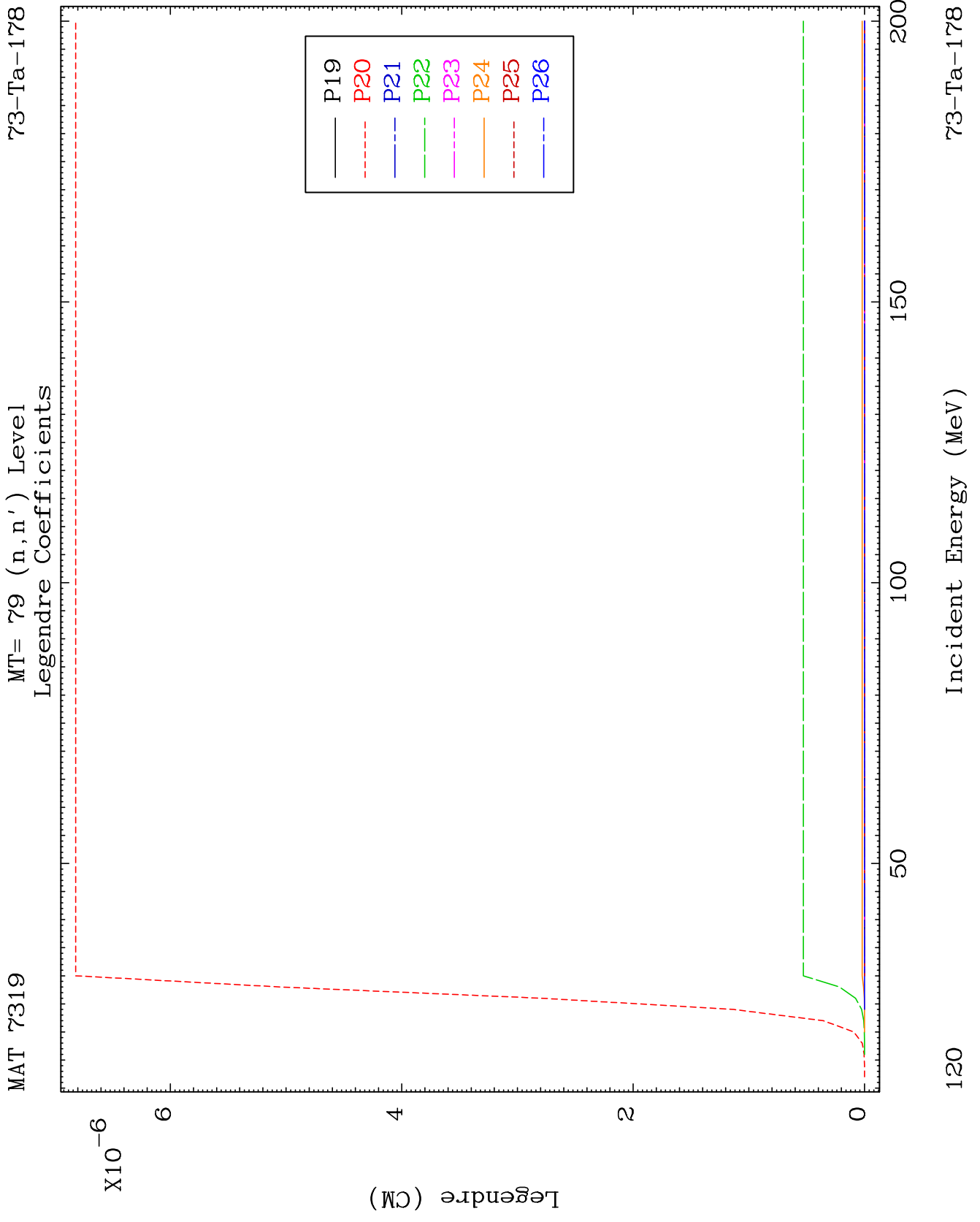
MAT 7319

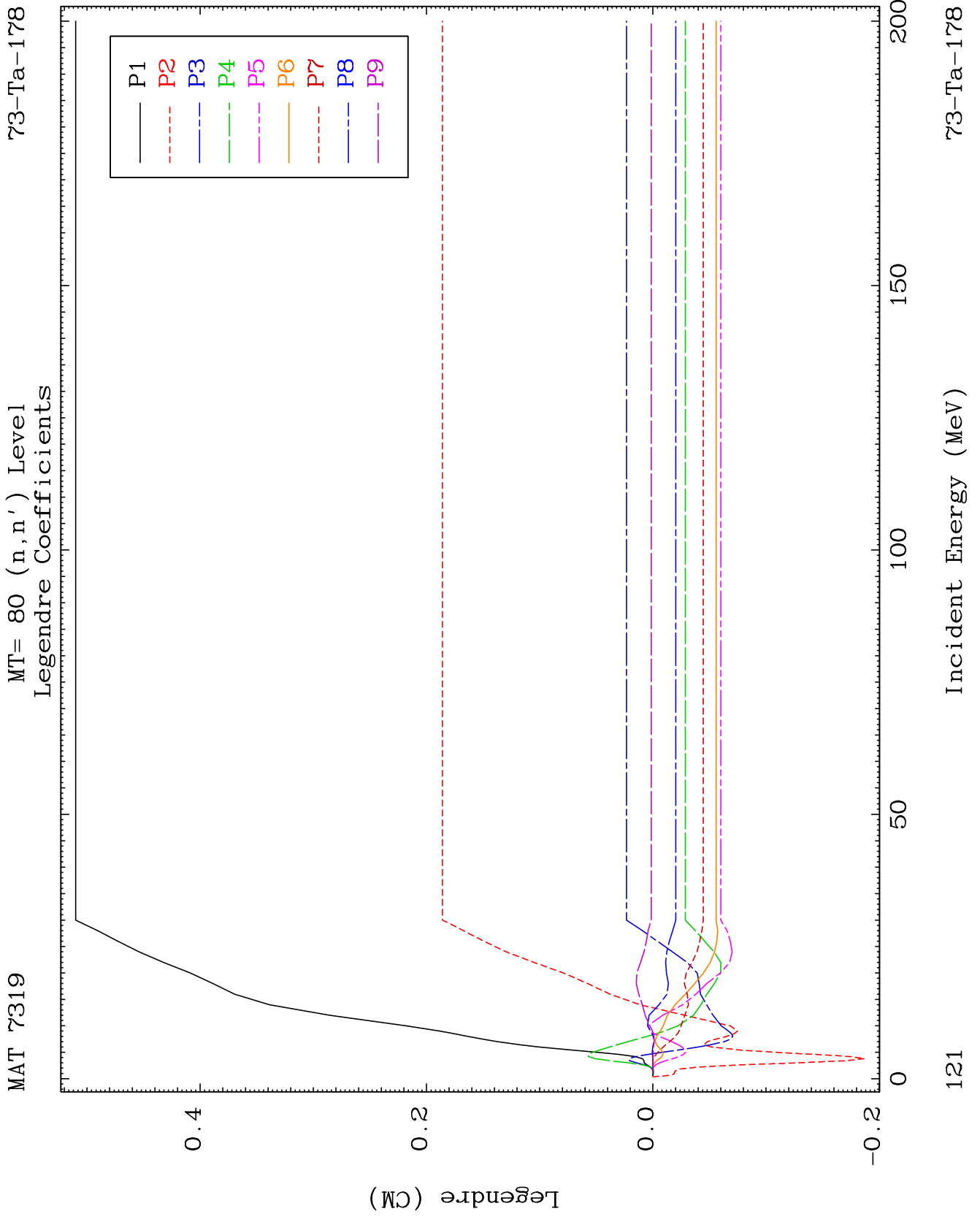
MT= 79 (n,n') Level
Legendre Coefficients

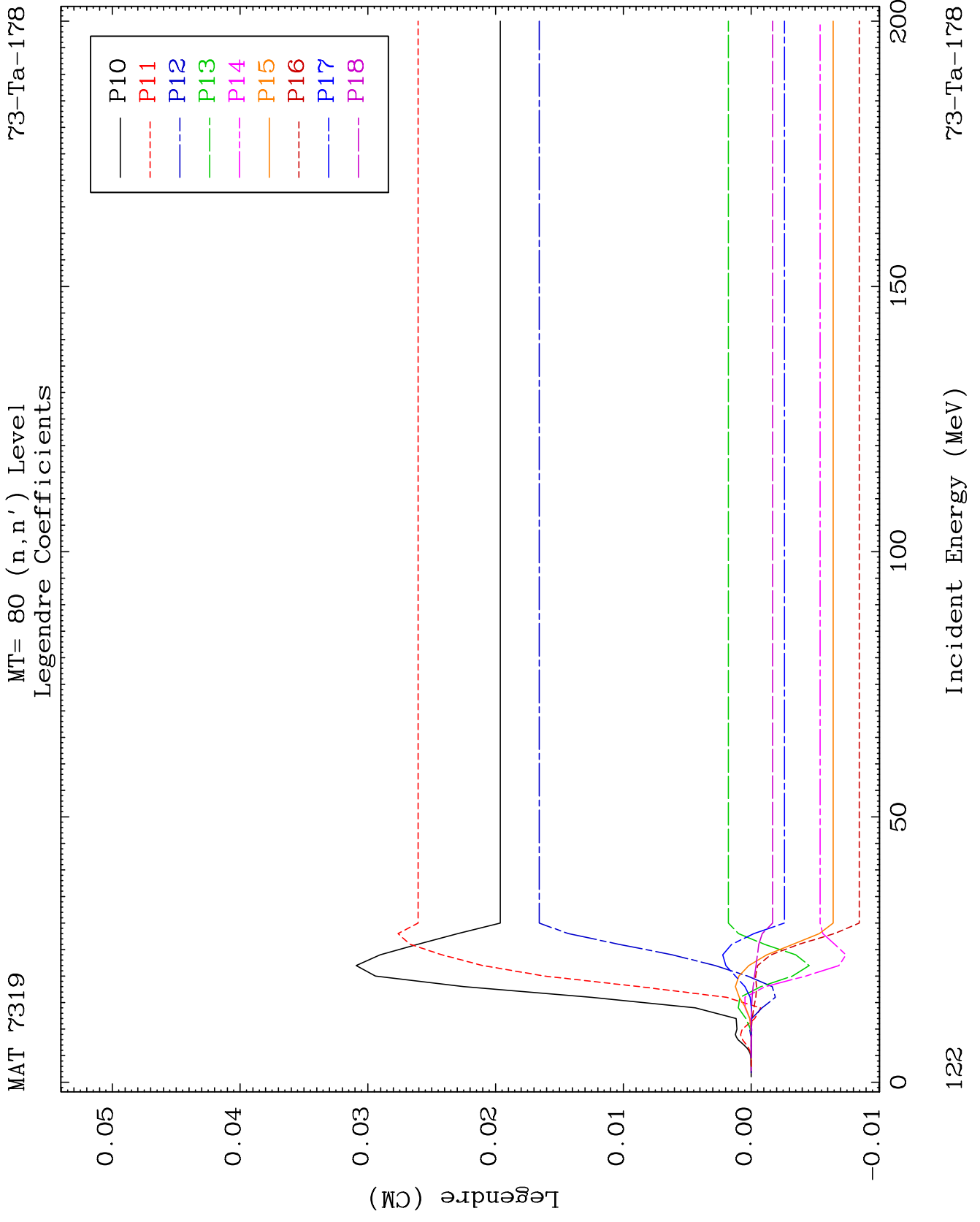
73-Ta-178



119



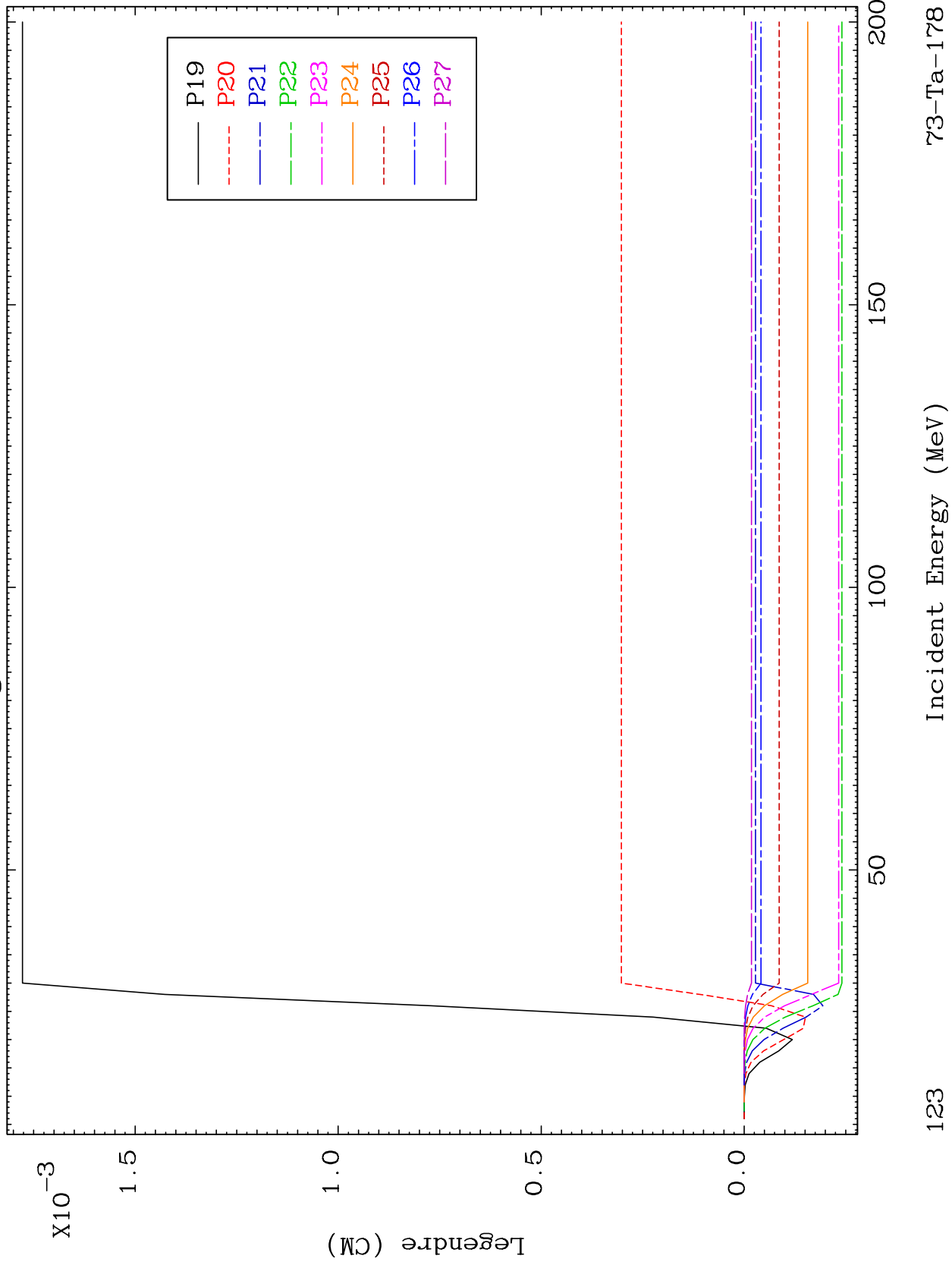




MAT 7319

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

73-Ta-178



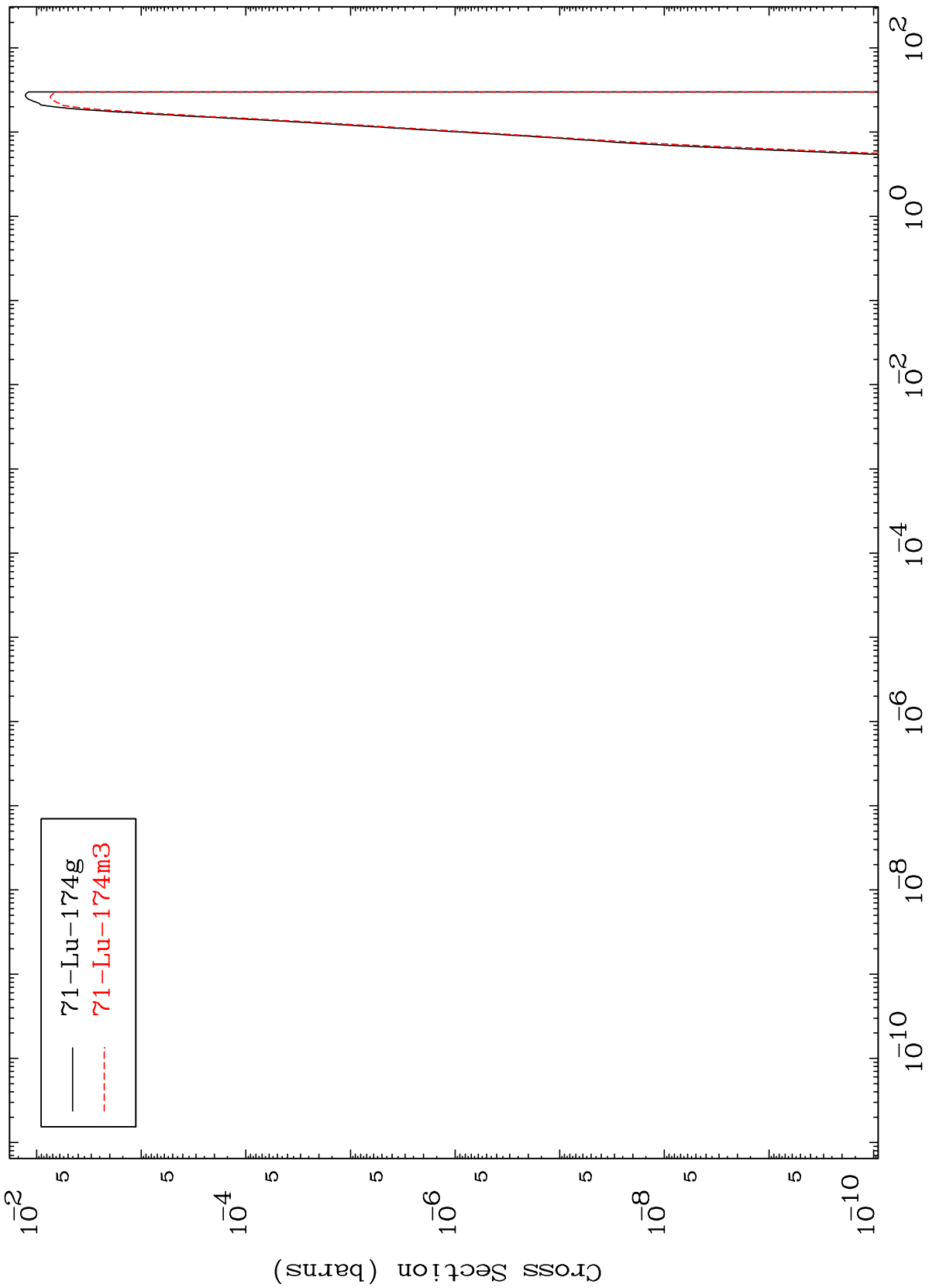
123

MAT 7319

$(n, n') \alpha$

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

Radionuclide Production Cross Section



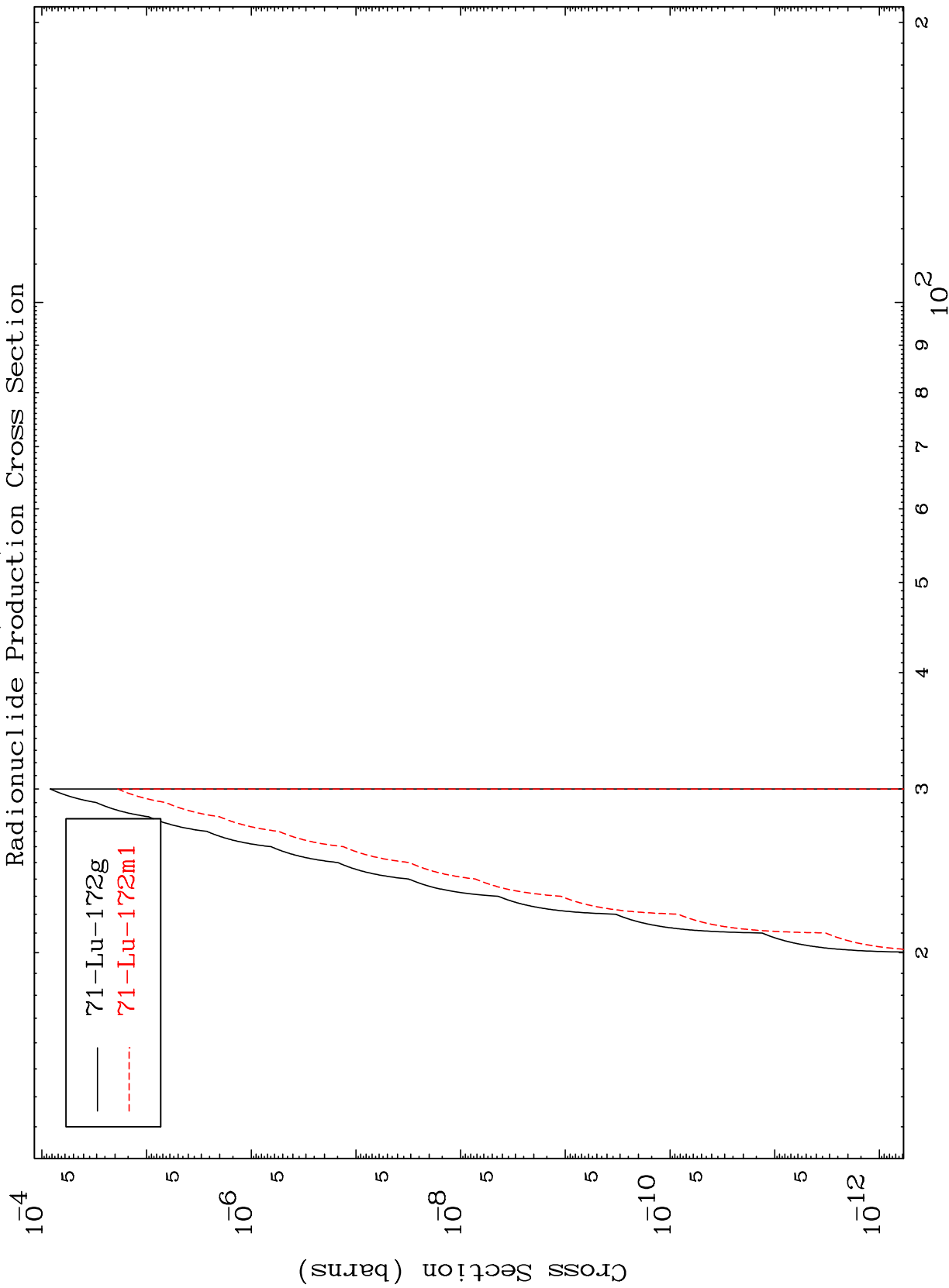
71-Lu-174g
71-Lu-174m3

MAT 7319

(n,3n) α

73-Ta-178

Radionuclide Production Cross Section



126

Incident Energy (MeV)

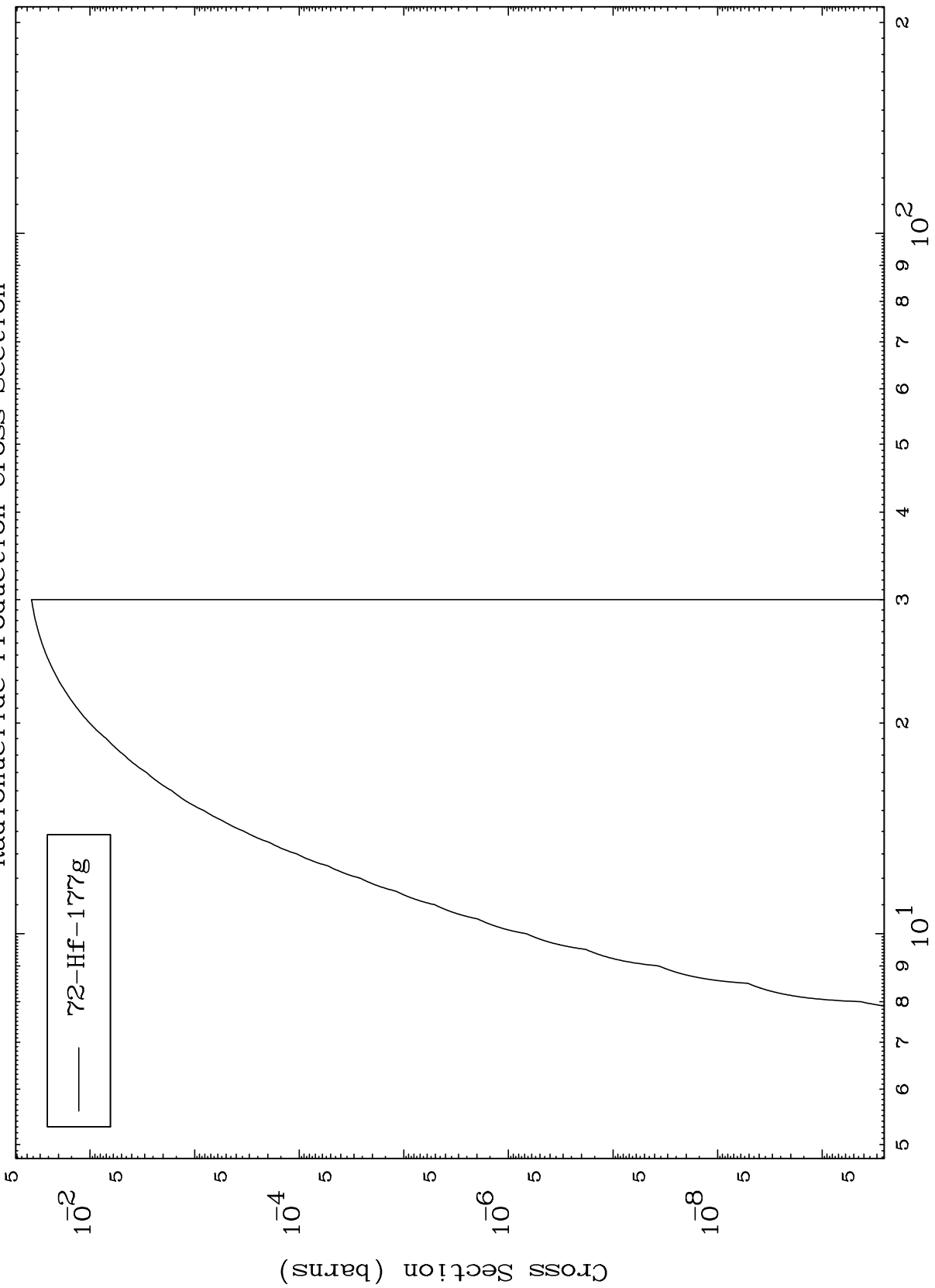
73-Ta-178

MAT 7319

(n,n') p

73-Ta-178

Radionuclide Production Cross Section



127

Incident Energy (MeV)

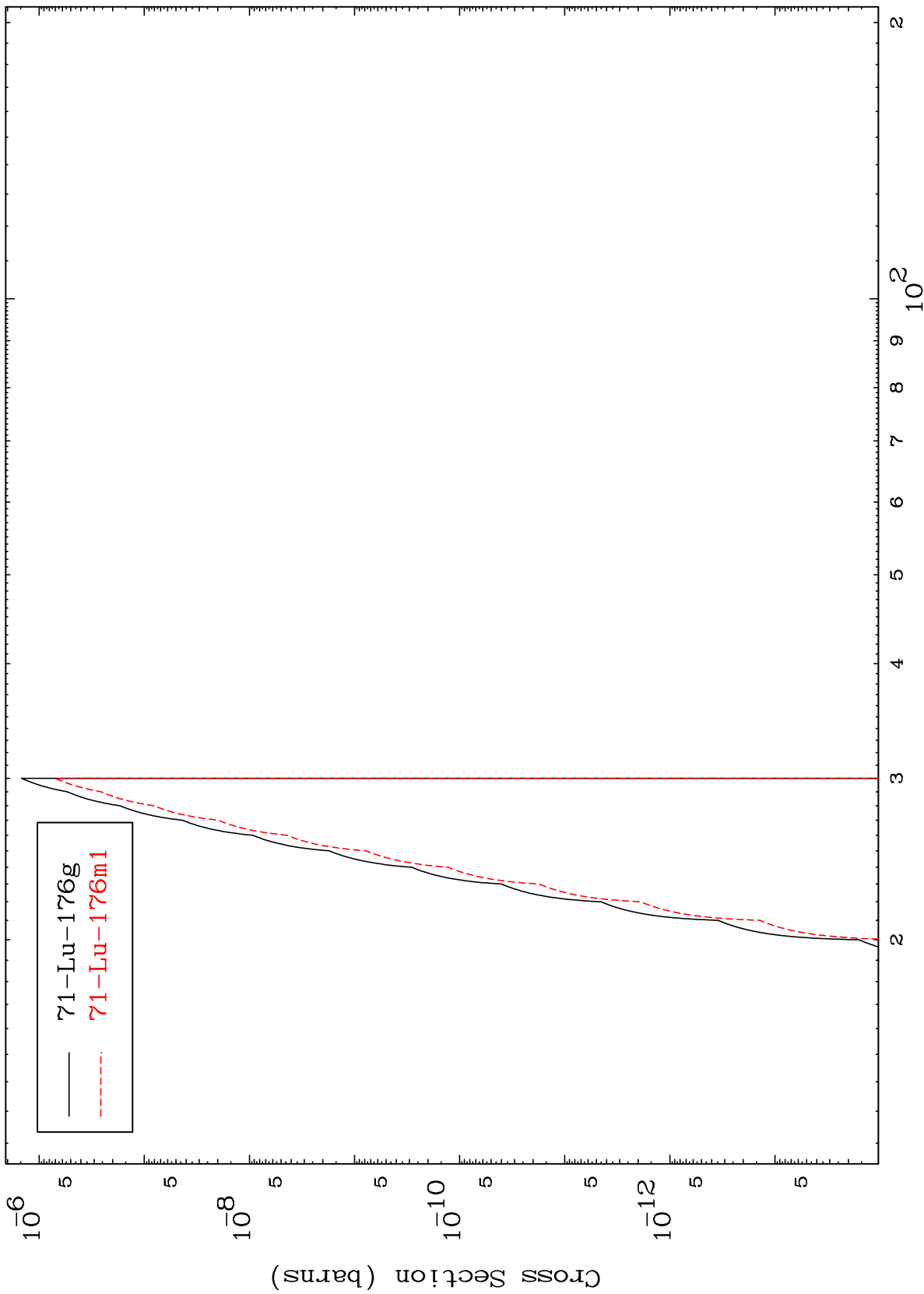
73-Ta-178

MAT 7319

(n,2n) p

⁷³Ta-178

Radionuclide Production Cross Section



128

Incident Energy (MeV)

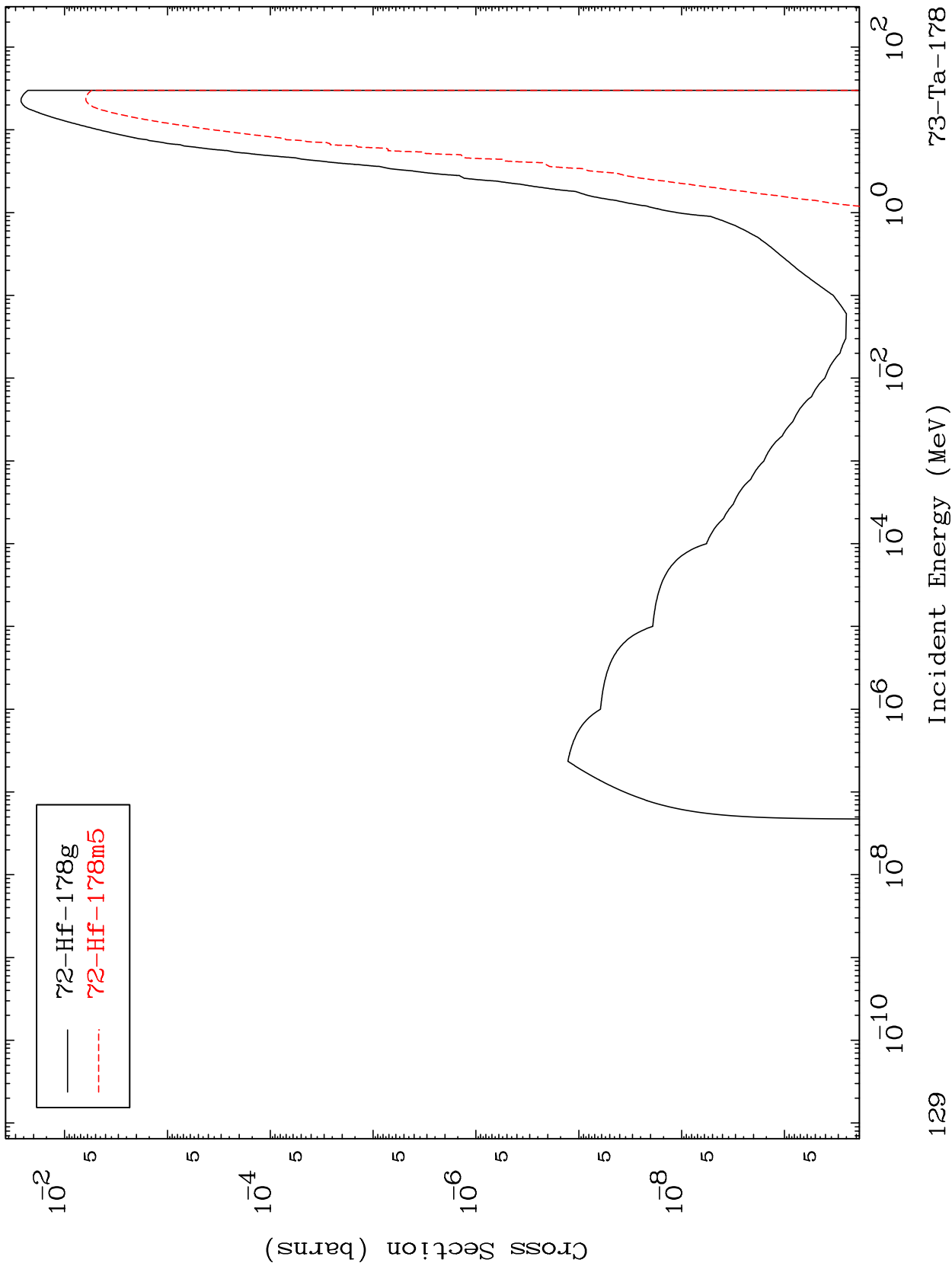
⁷³Ta-178

MAT 7319

(n,p)

⁷³Ta-178

Radionuclide Production Cross Section

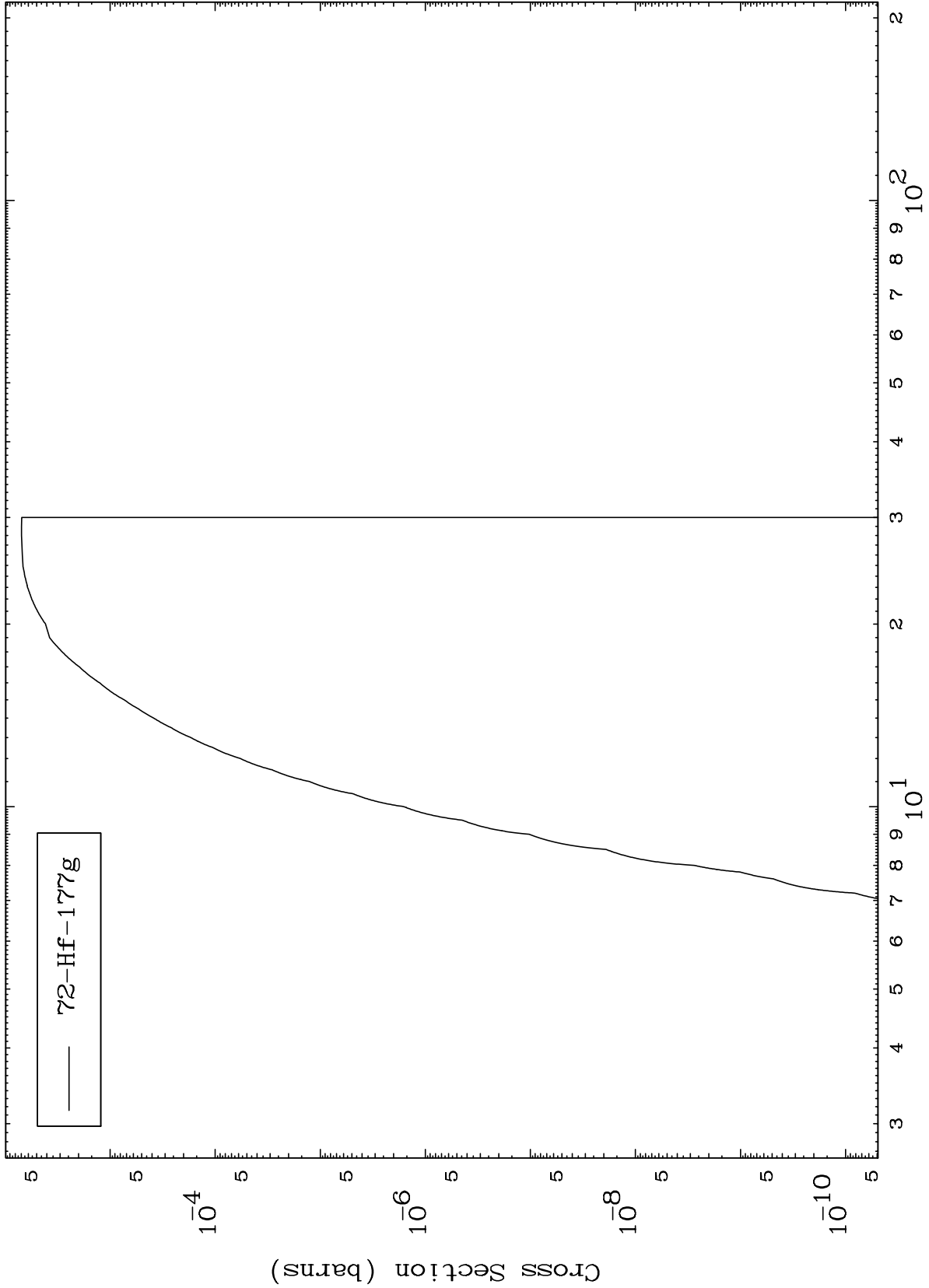


— 72-Hf-178g
- - - 72-Hf-178m5

MAT 7319

⁷³Ta-178

(n,d)
Radionuclide Production Cross Section



⁷³Ta-178

Incident Energy (MeV)

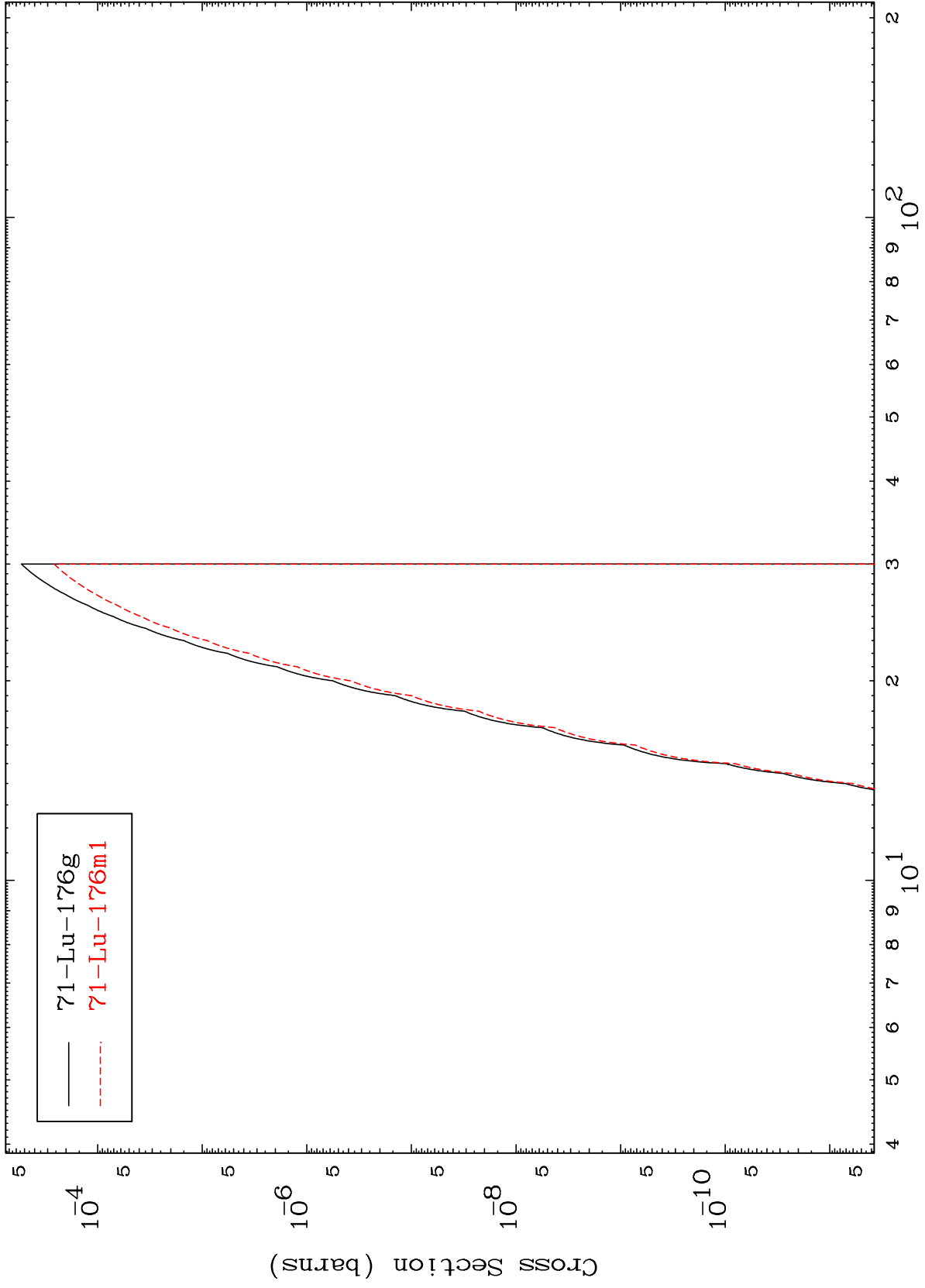
130

MAT 7319

(n,He-3)

73-Ta-178

Radionuclide Production Cross Section



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

131

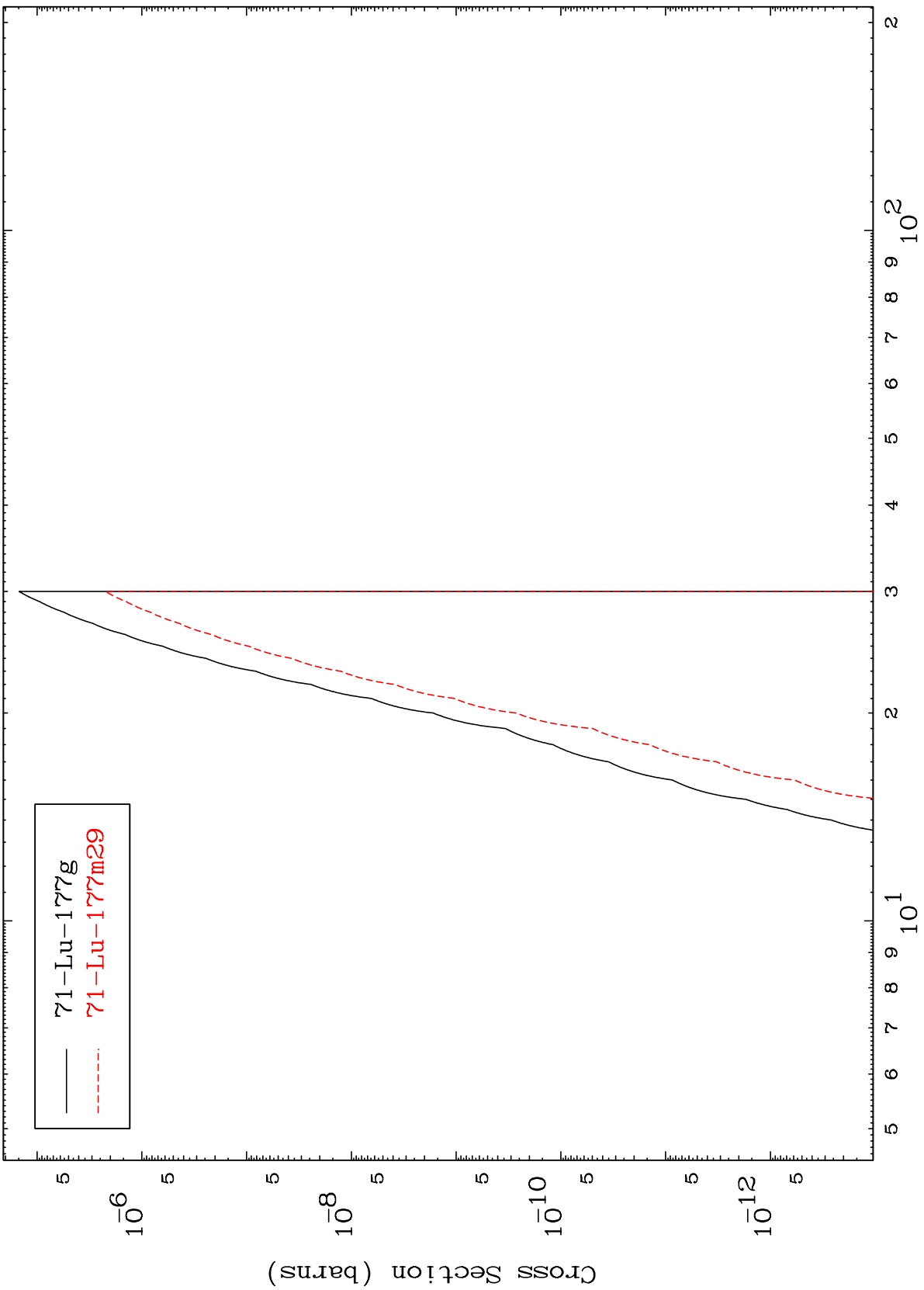
Incident Energy (MeV)

73-Ta-178

MAT 7319

⁷³Ta-178

Radionuclide Production Cross Section (n,2p)



132

Incident Energy (MeV)

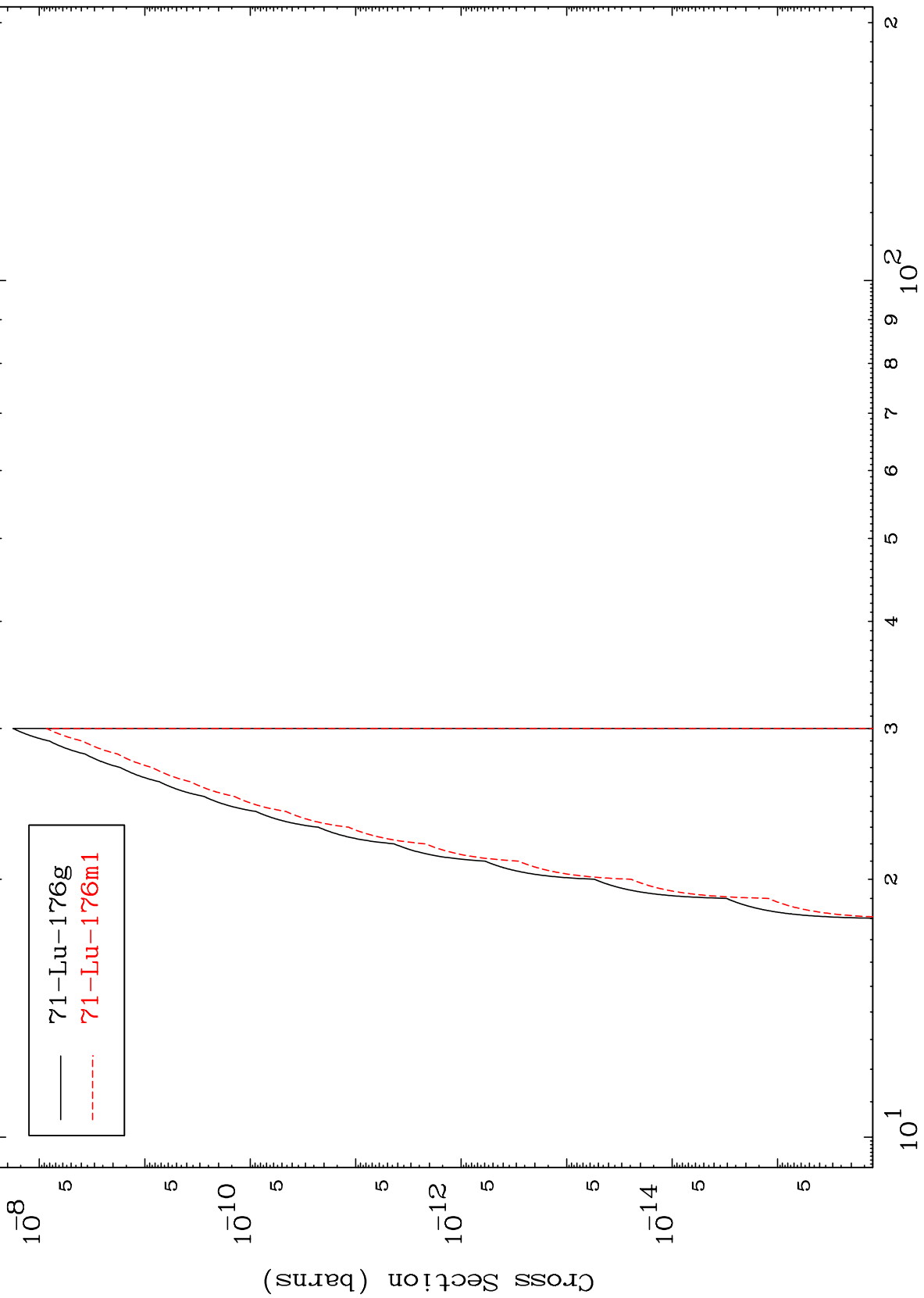
⁷³Ta-178

MAT 7319

(n,p) d

⁷³Ta-178

Radionuclide Production Cross Section



— ⁷¹Lu-176g
- - - ⁷¹Lu-176m1

133

Incident Energy (MeV)

⁷³Ta-178