

Program EVALPLOT
(Version 2021-1)

by

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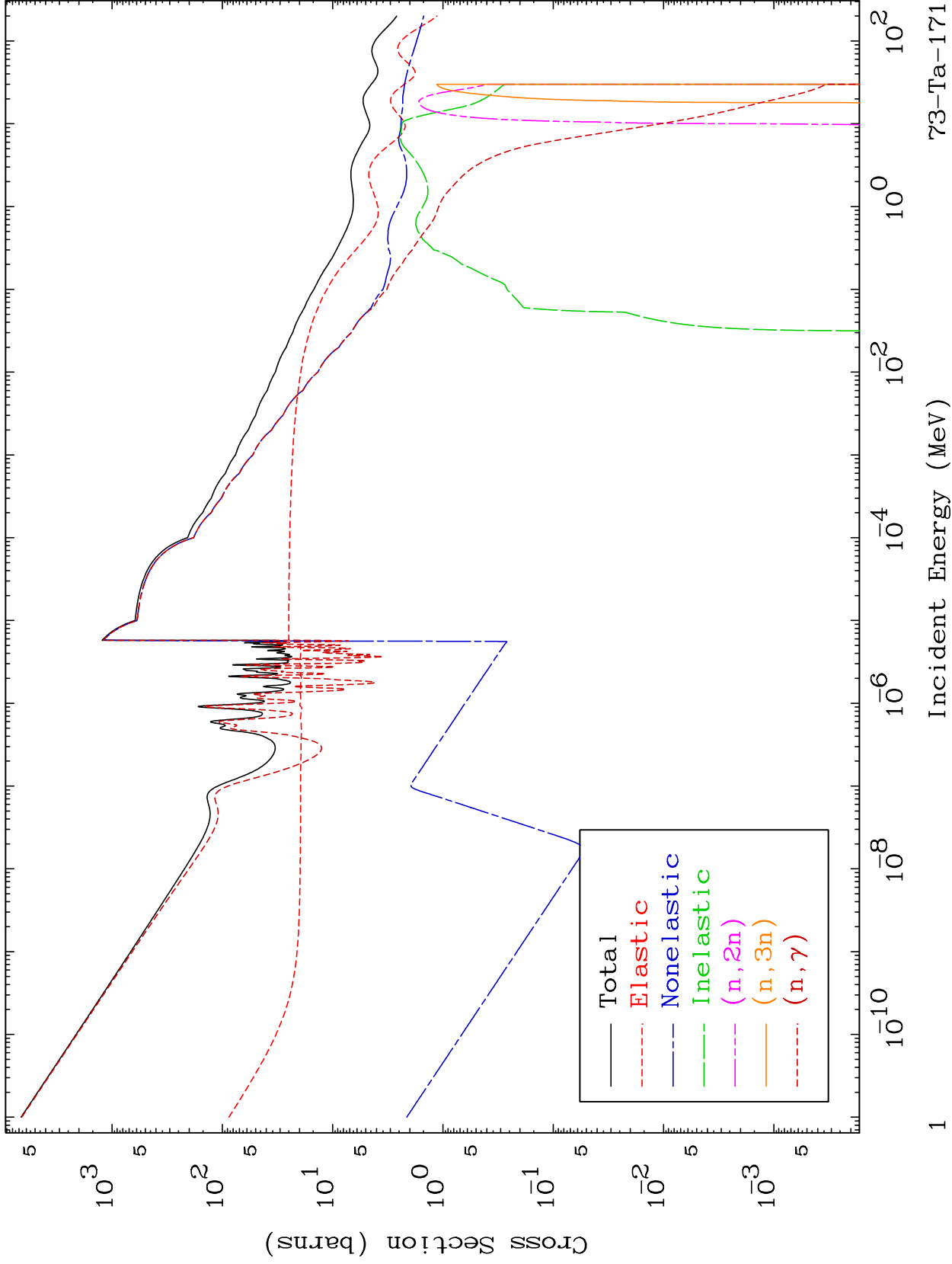
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Press Mouse Button to Start

MAT 7298

Neutron Major
293 Kelvin Cross Sections

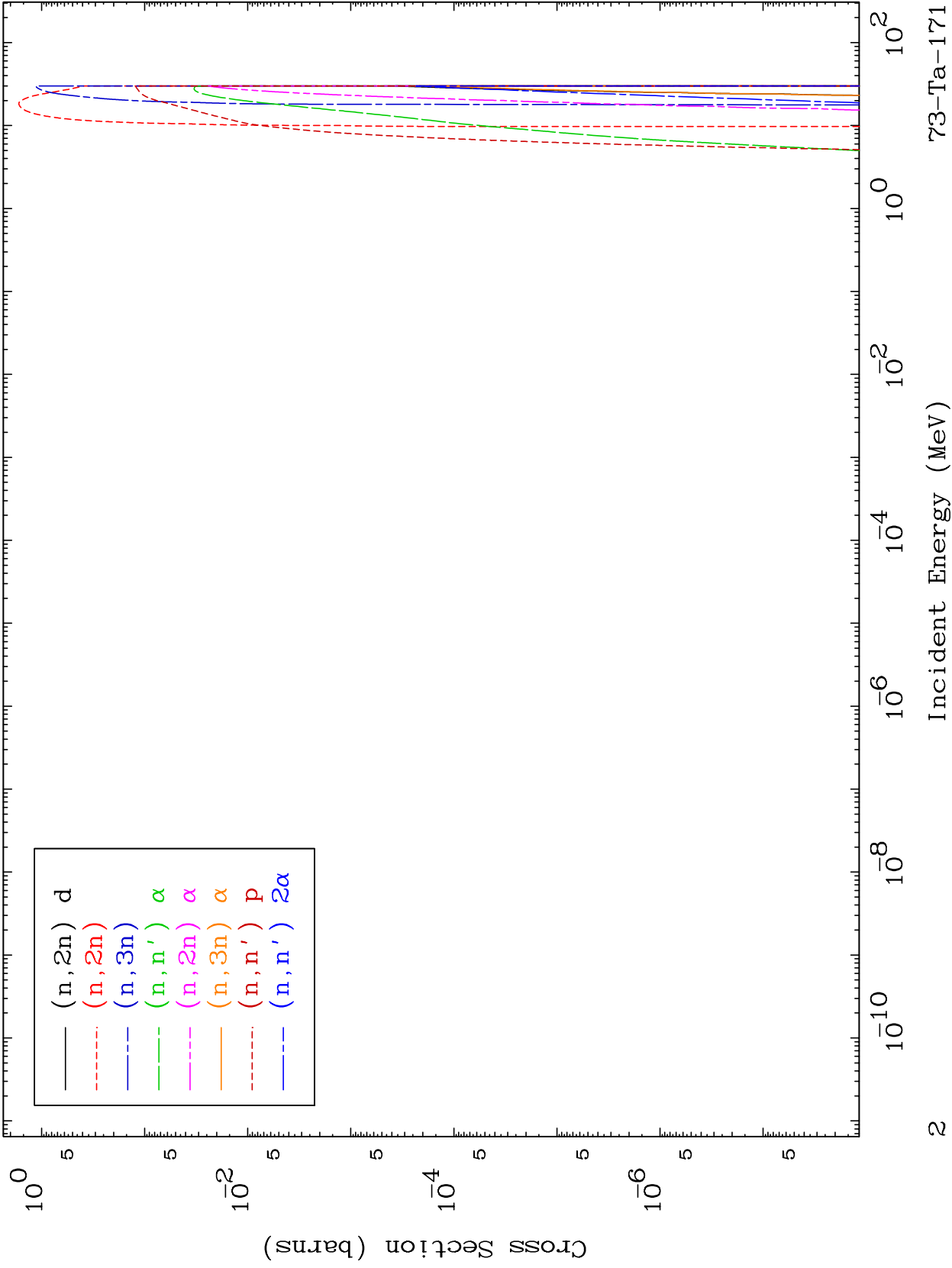
73-Ta-171



MAT 7298

Neutron Absorption
293 Kelvin Cross Sections

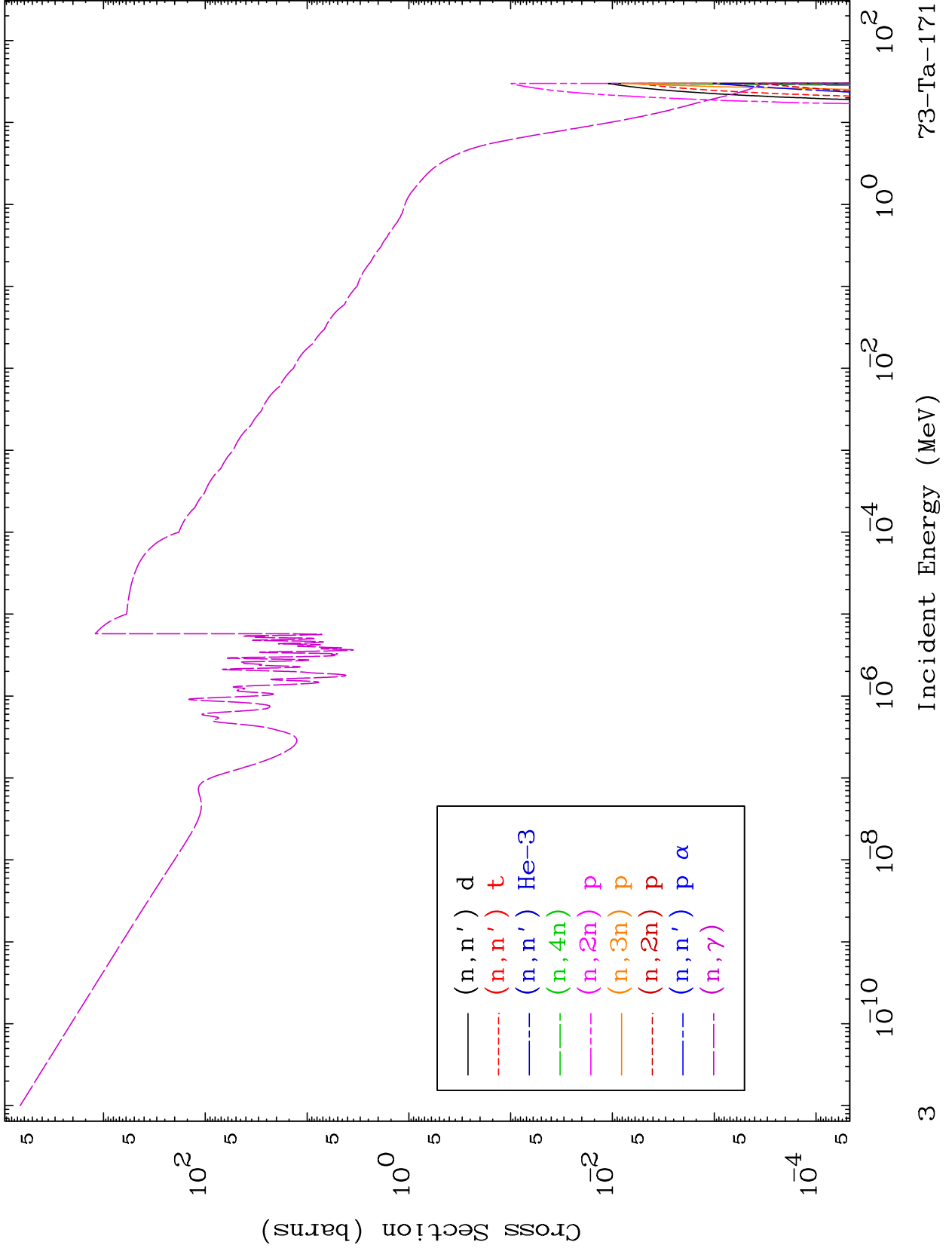
73-Ta-171



MAT 7298

Neutron Absorption
293 Kelvin Cross Sections

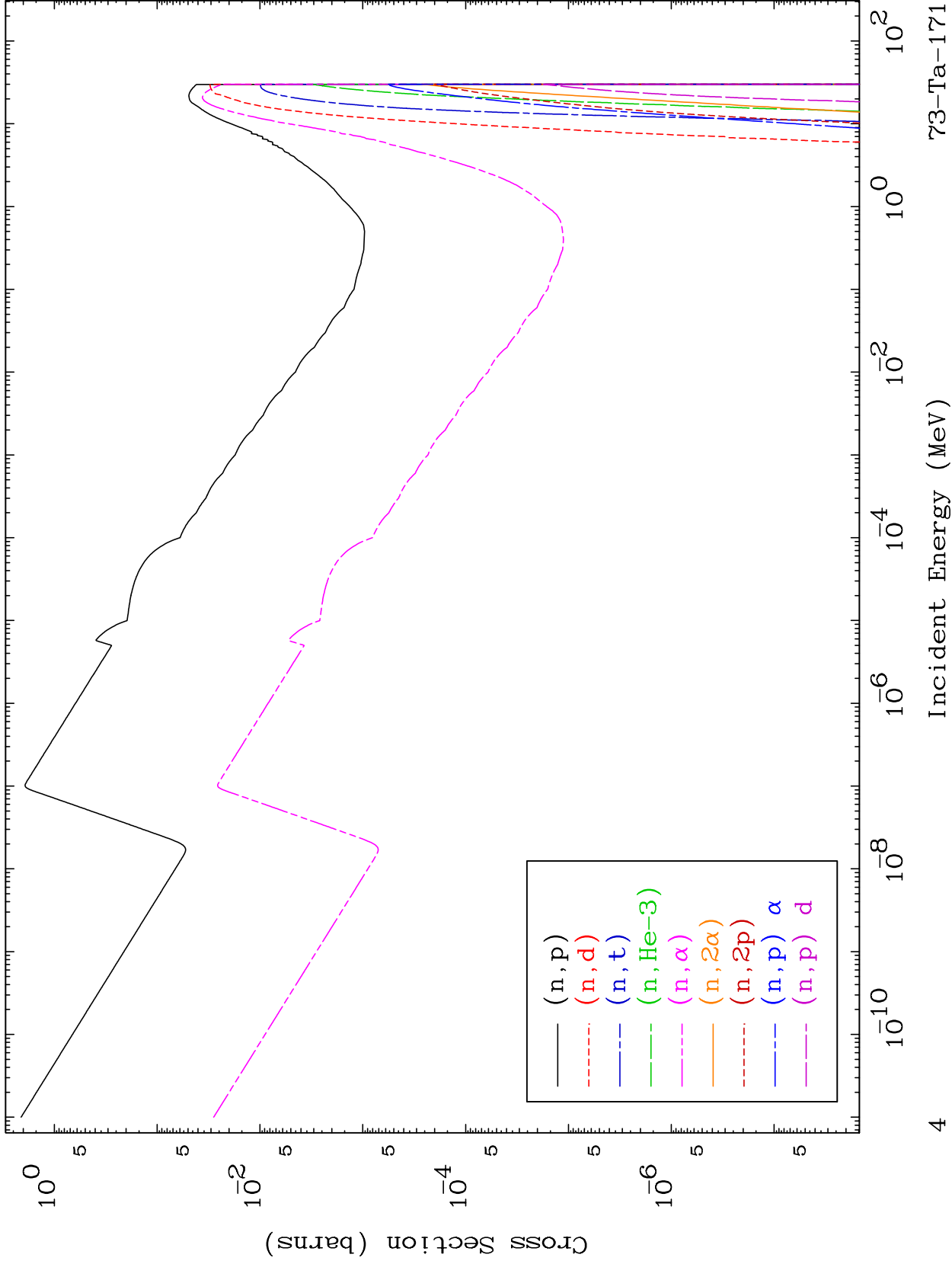
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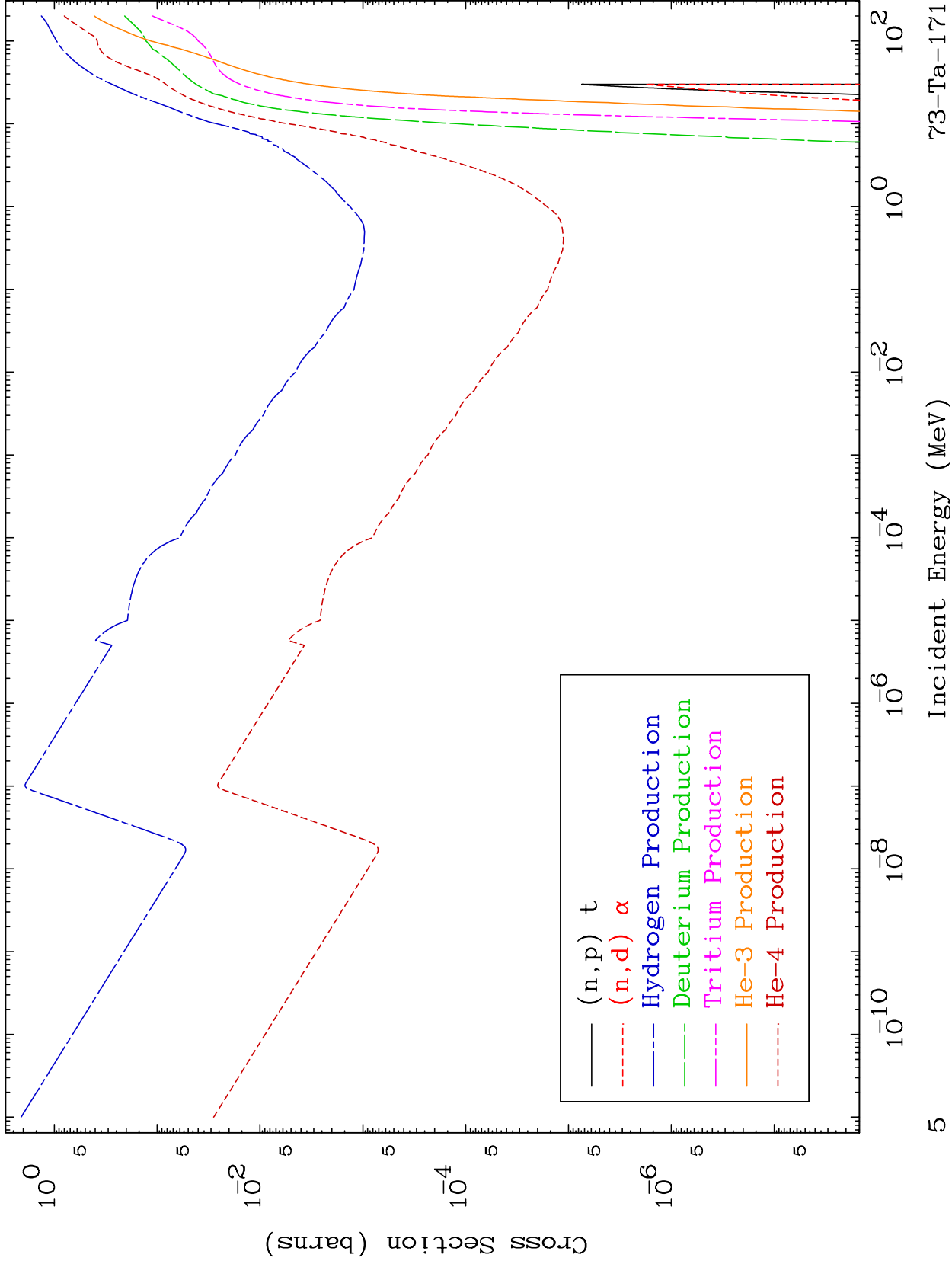


MAT 7298

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-171

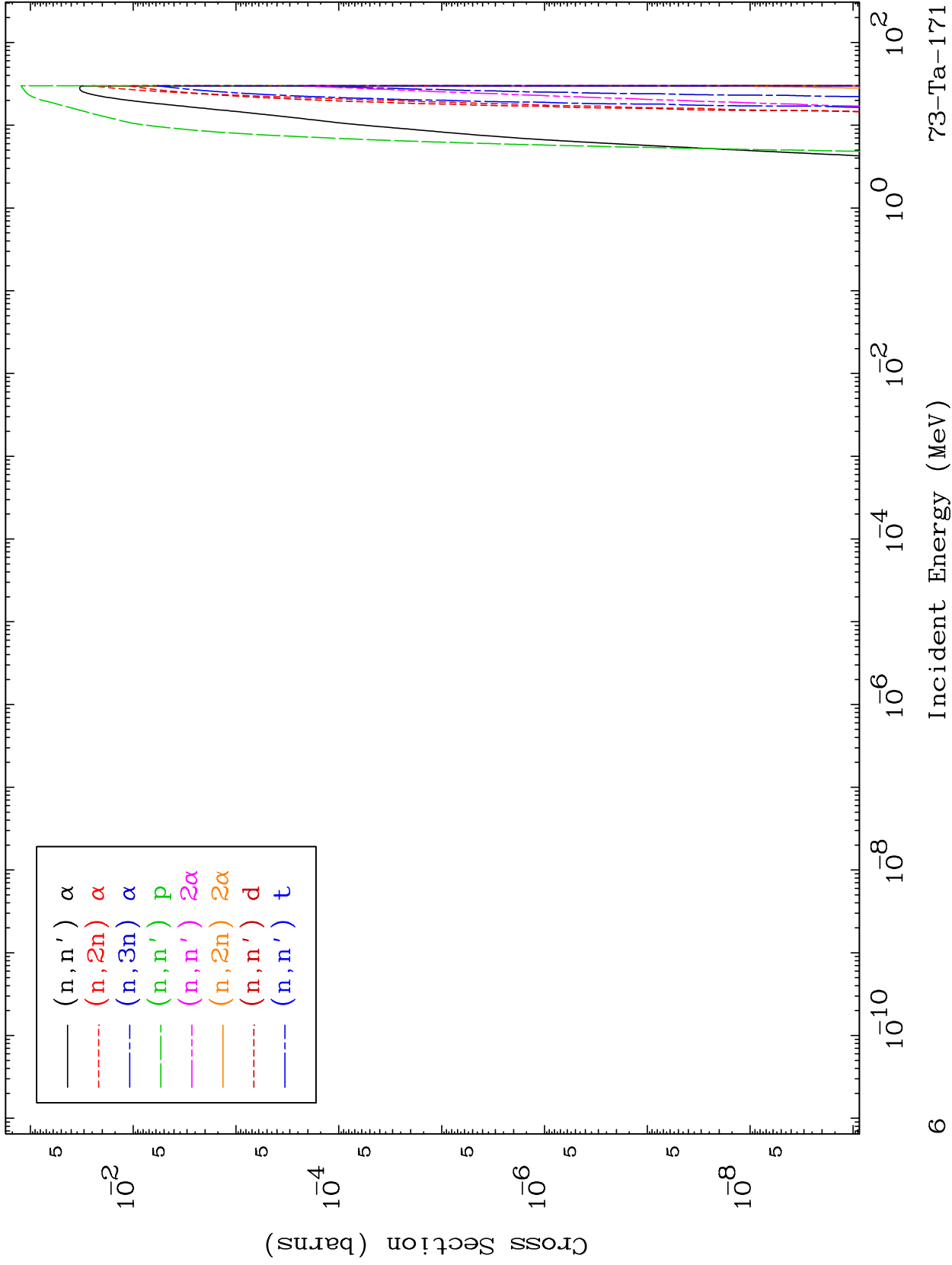




MAT 7298

Charged Particle
293 Kelvin Cross Sections

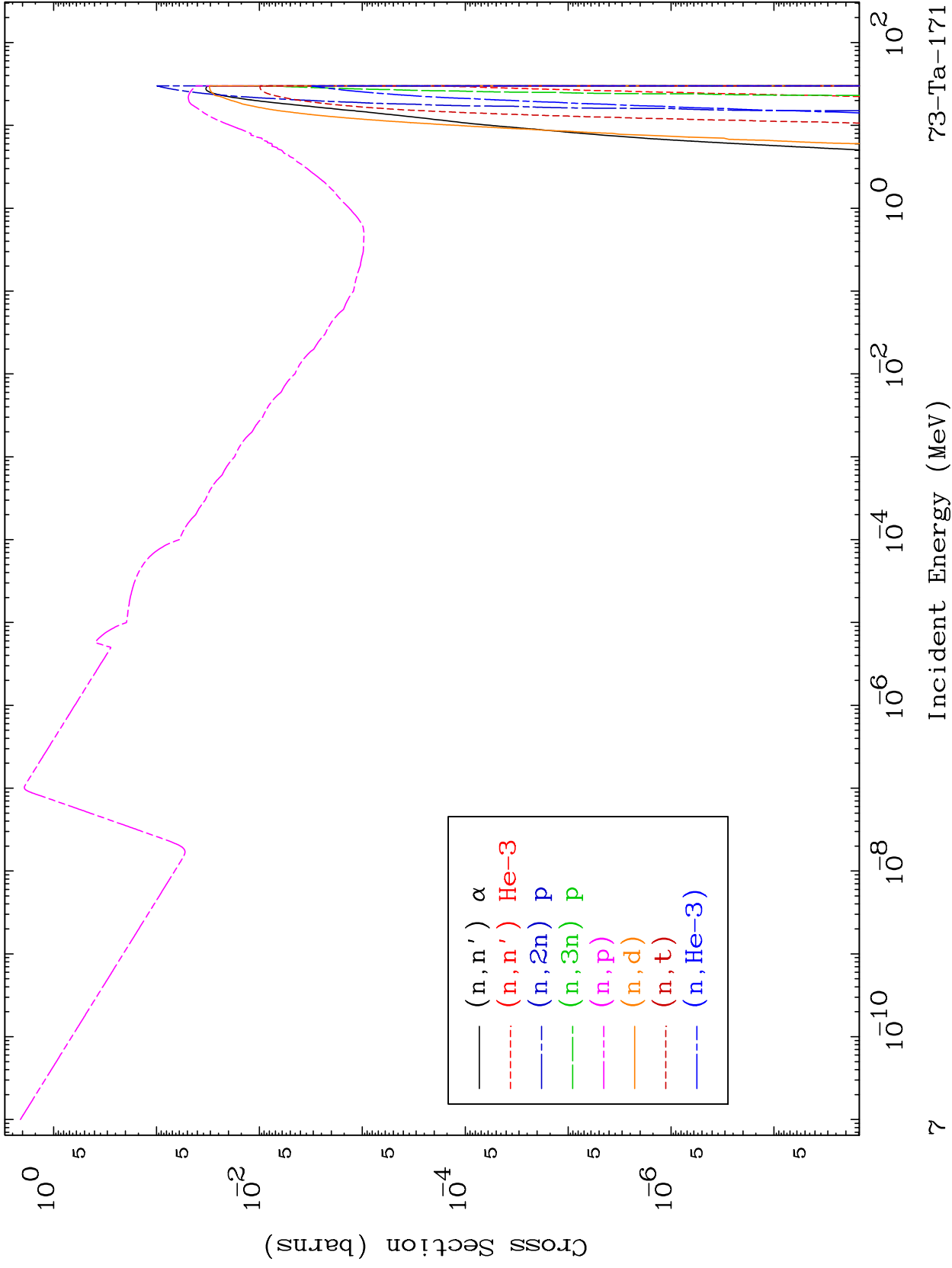
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MAT 7298

Charged Particle
293 Kelvin Cross Sections

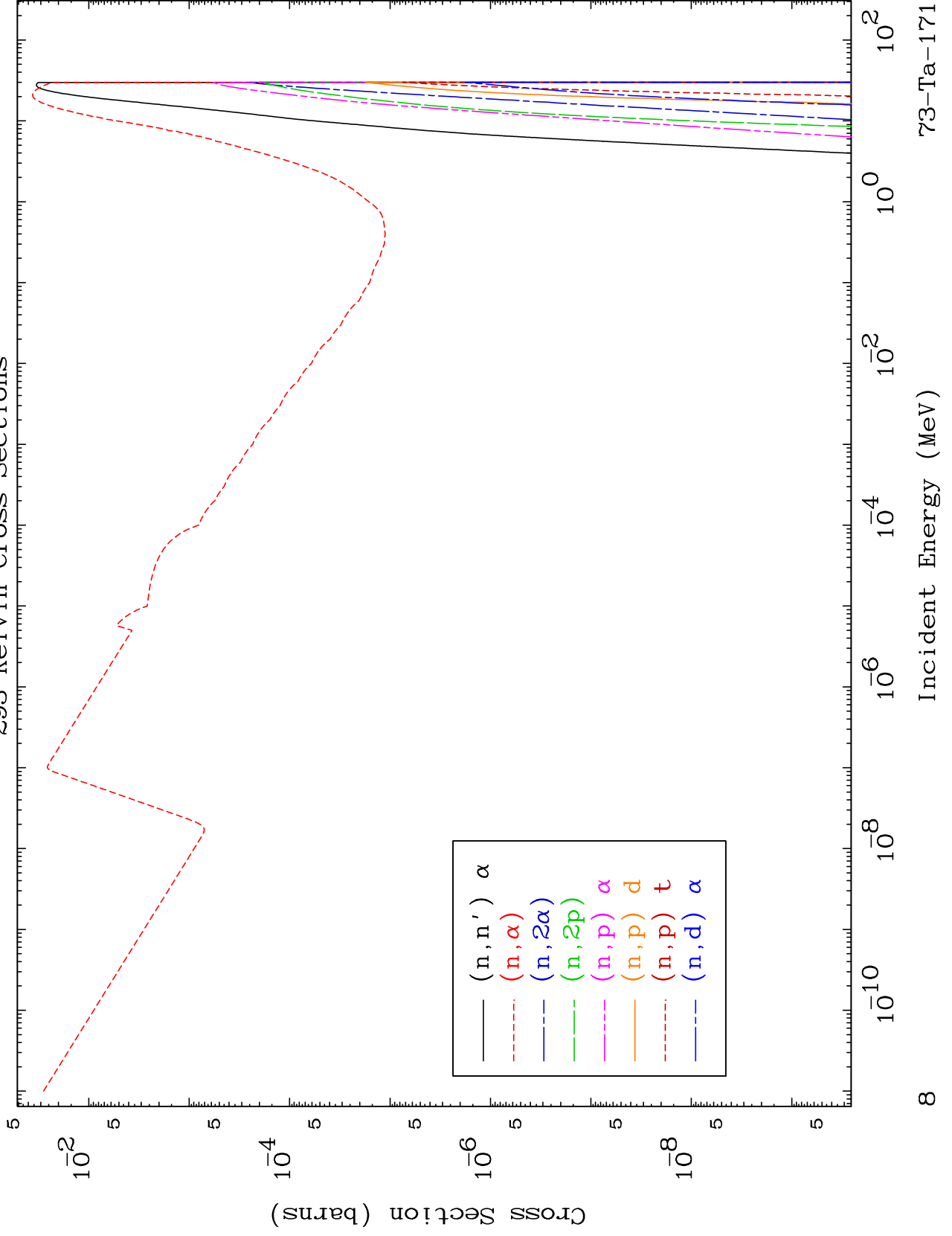
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MAT 7298

Charged Particle
293 Kelvin Cross Sections

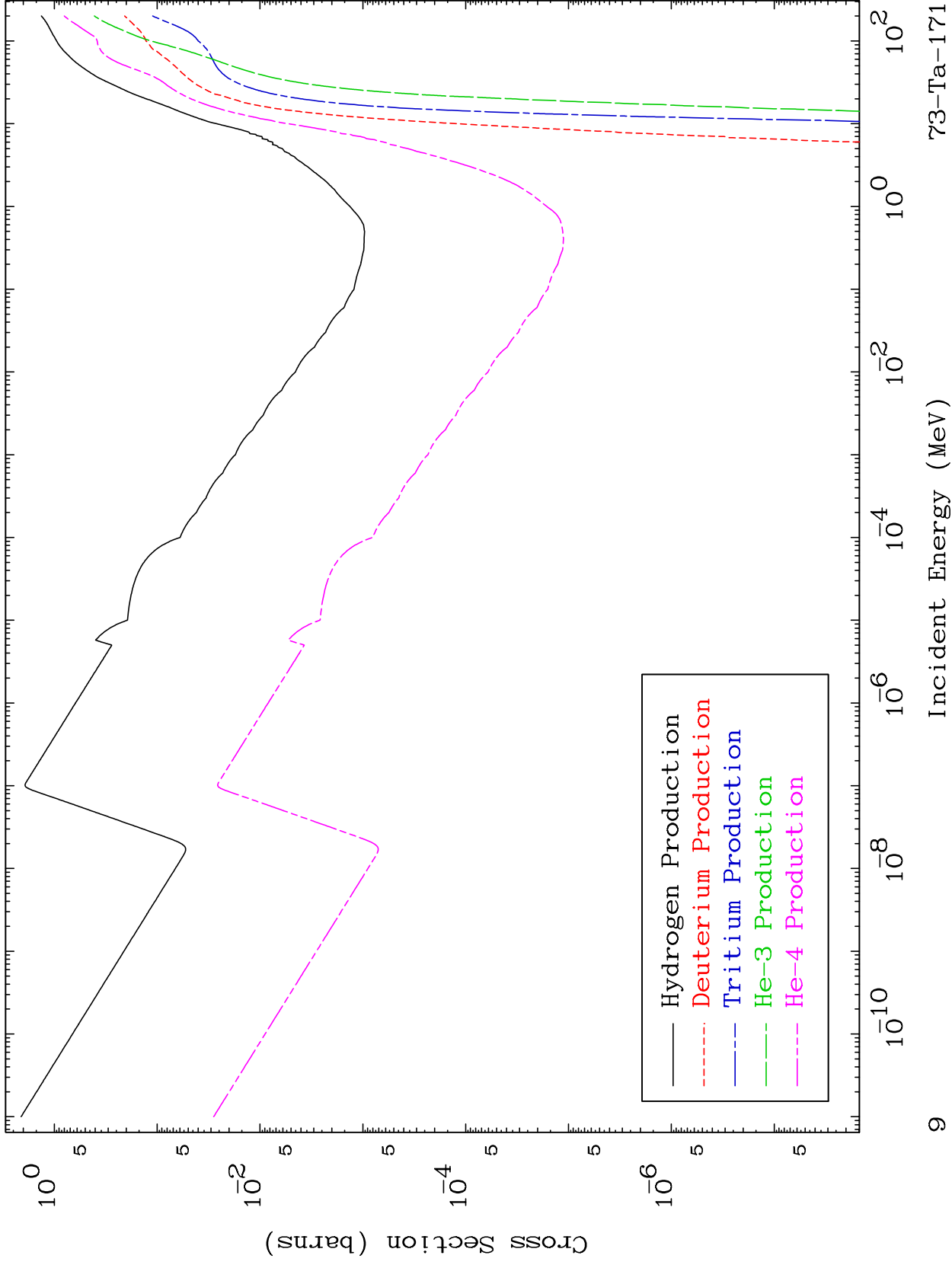
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MAT 7298

Particle Production
293 Kelvin Cross Sections

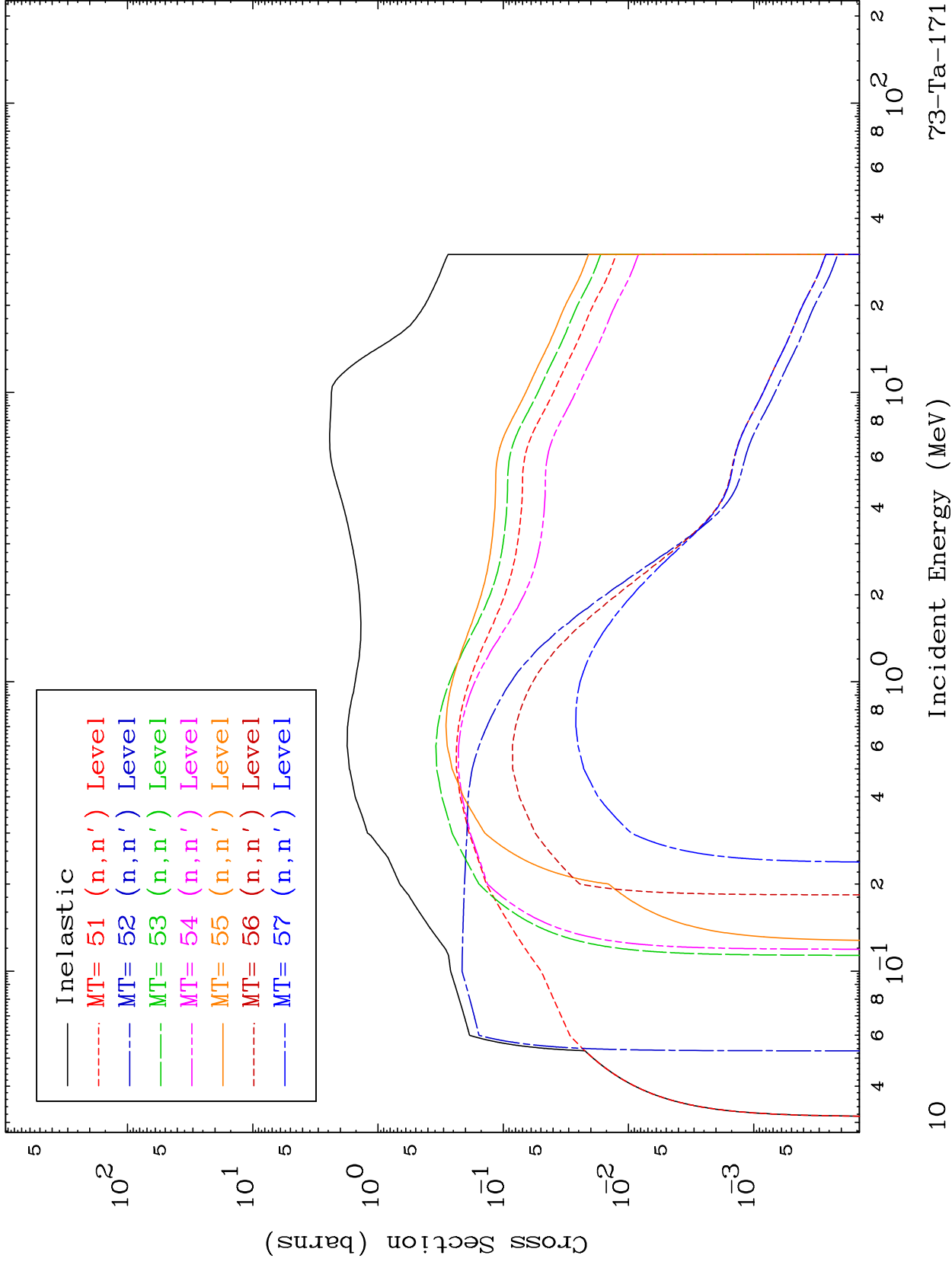
73-Ta-171



MAT 7298

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-171



10

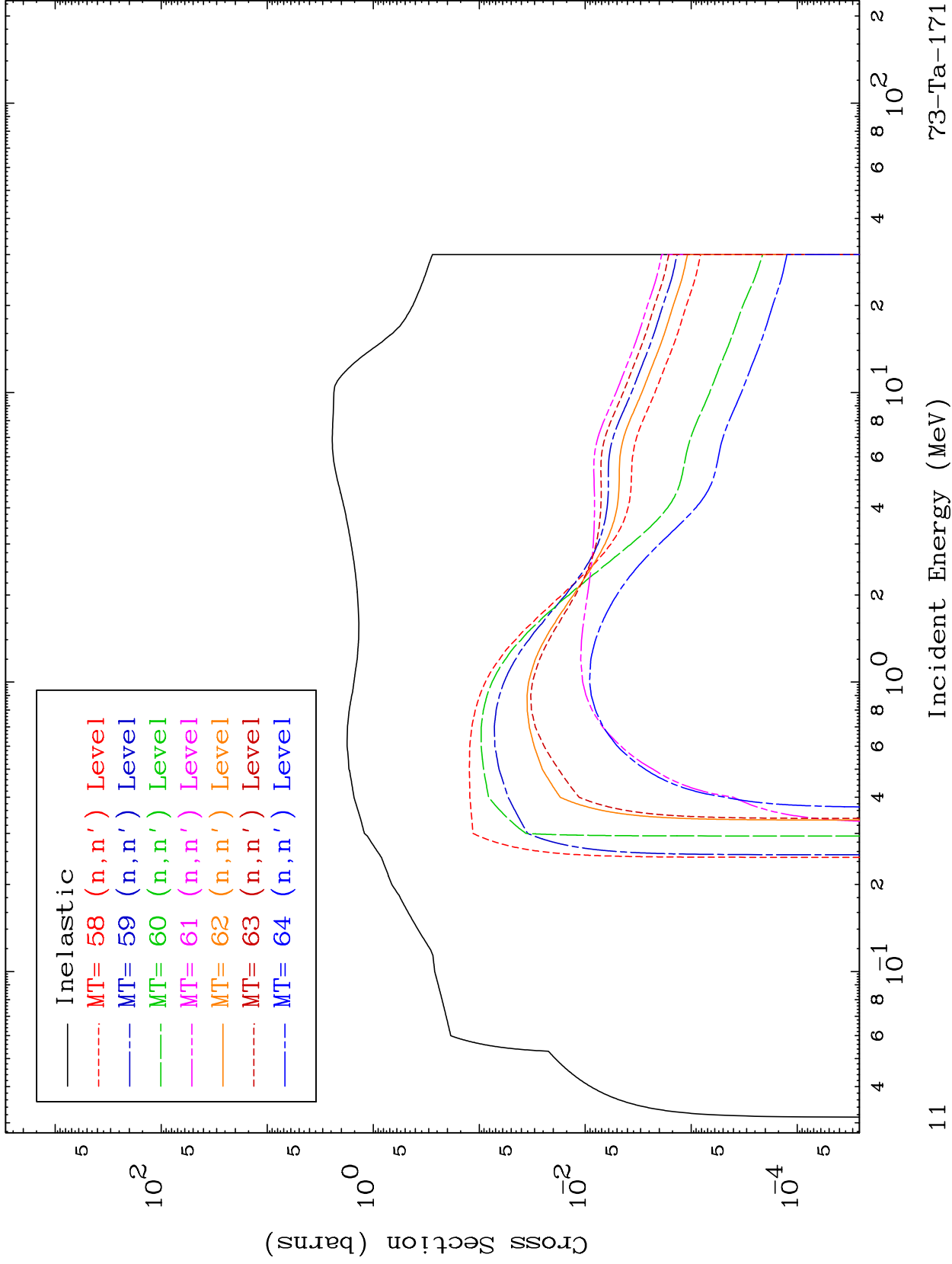
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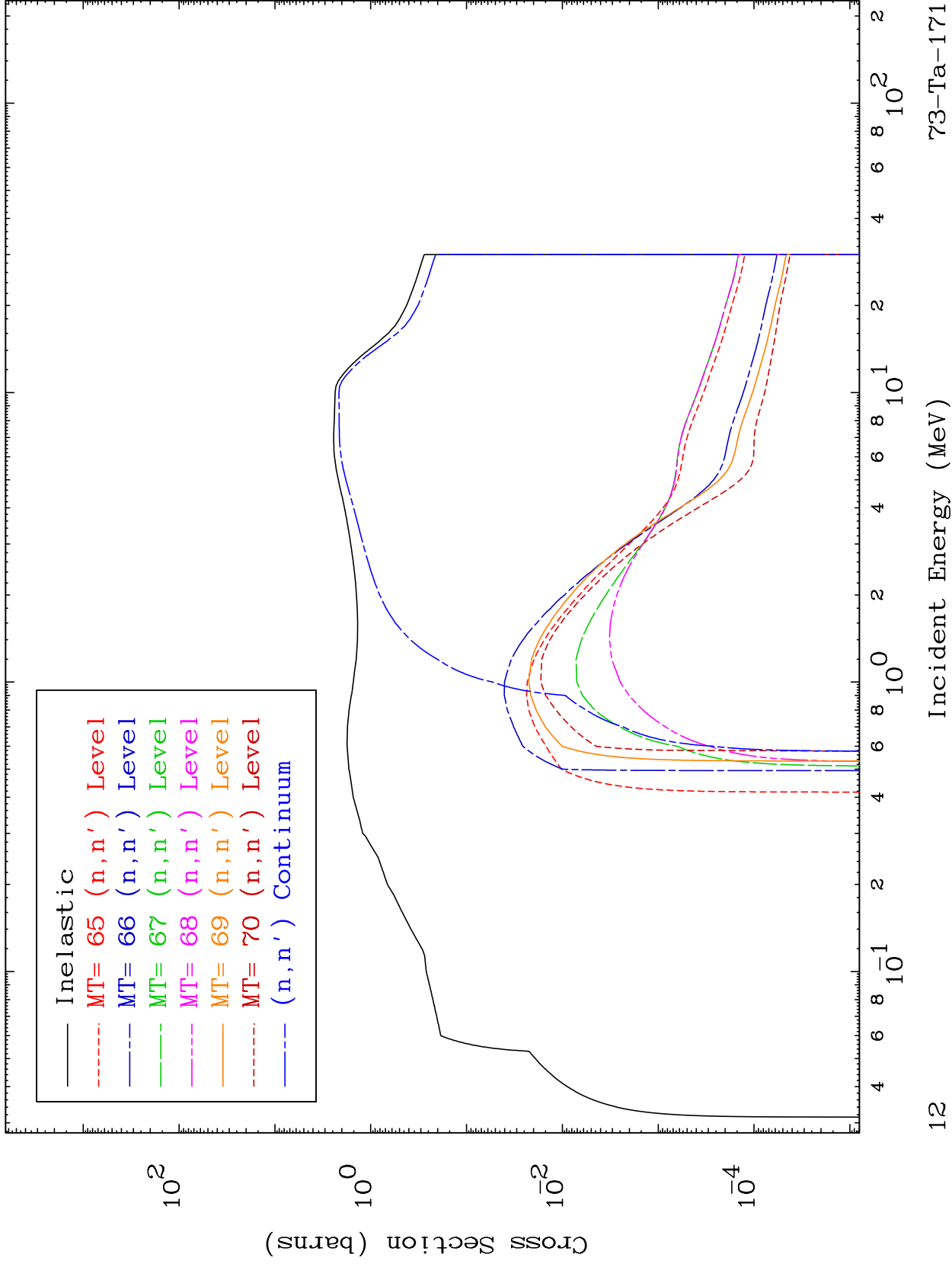
73-Ta-171

MAT 7298

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-171

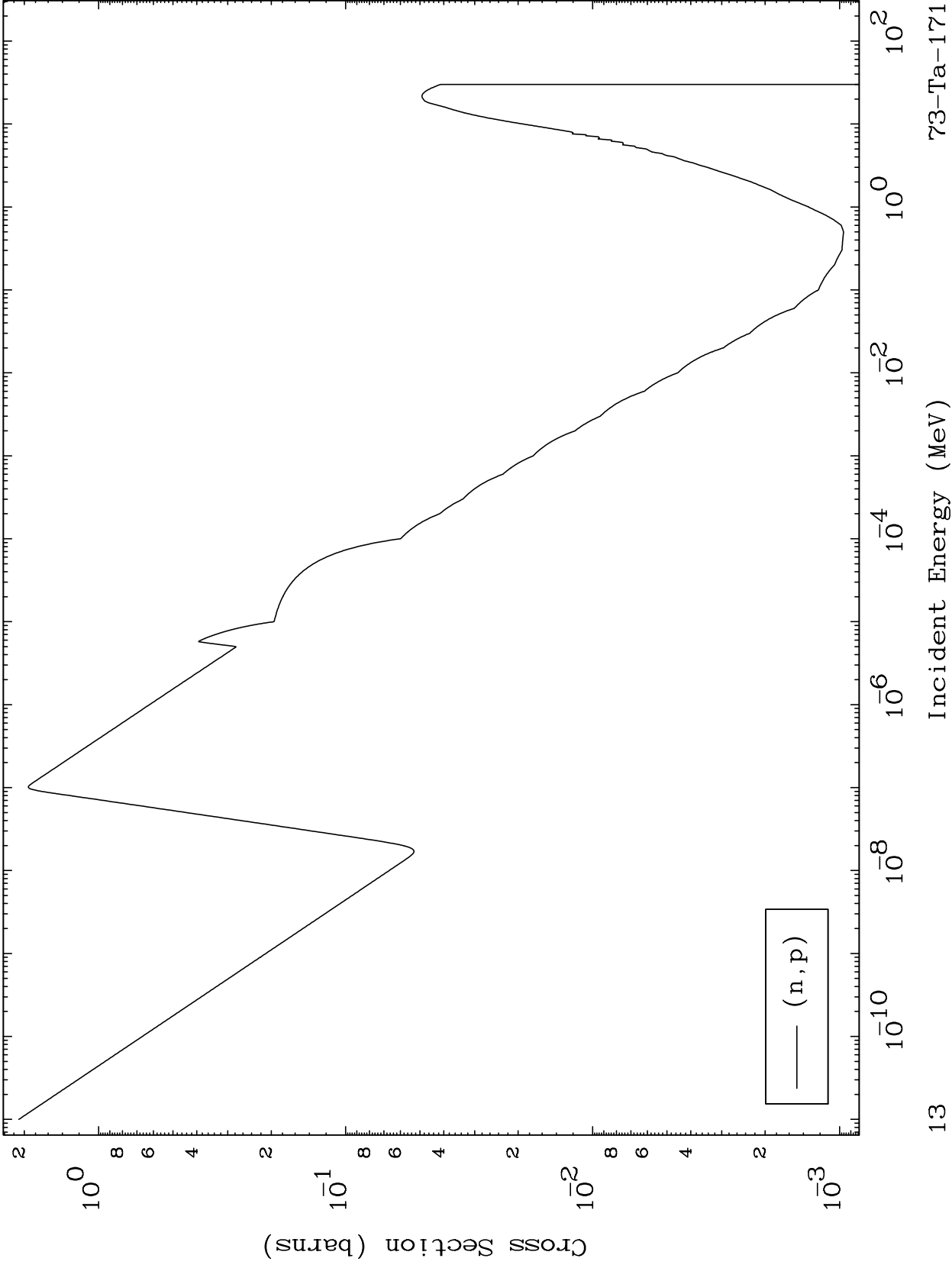




MAT 7298

(n,p) Levels
293 Kelvin Cross Sections

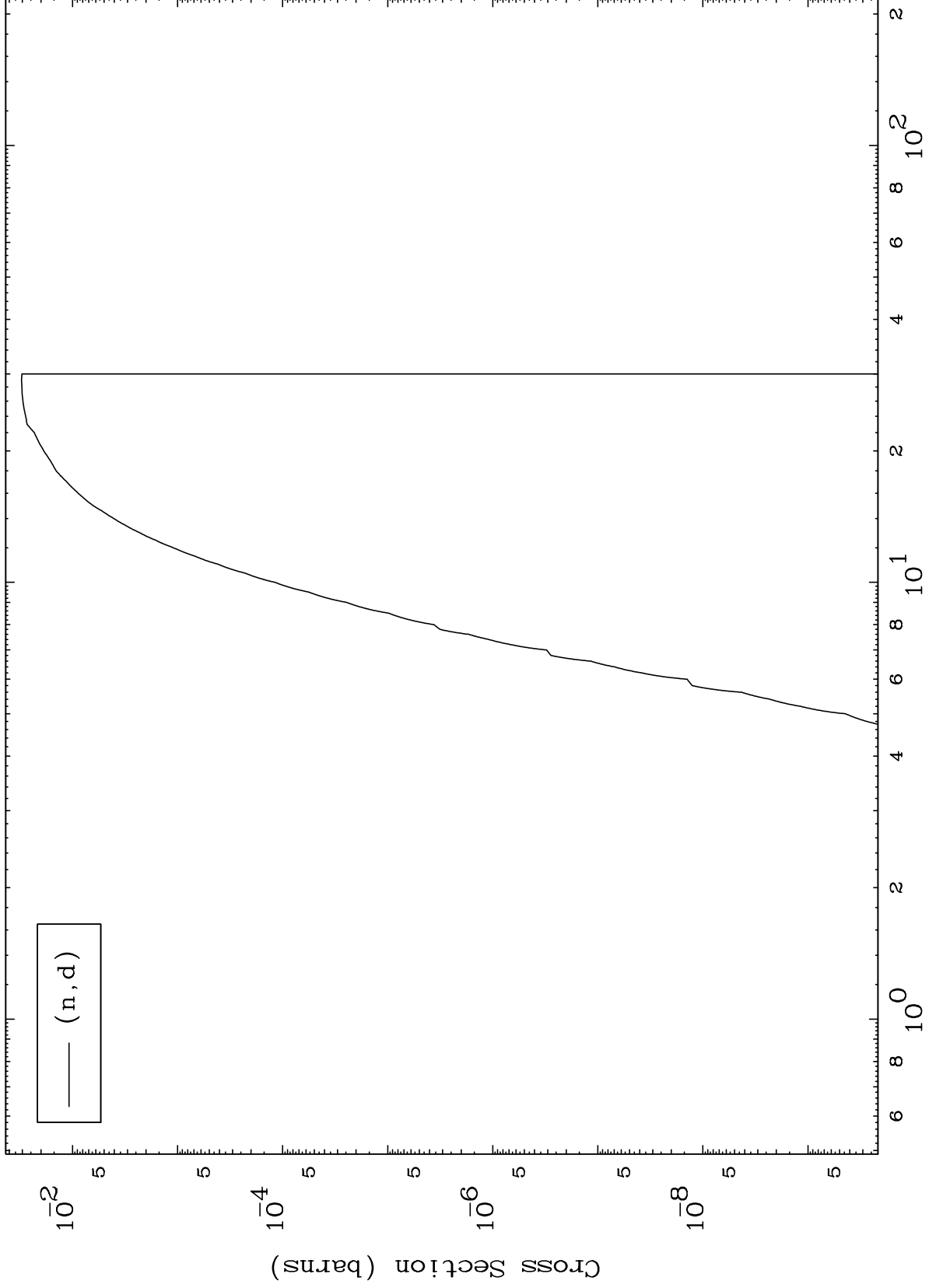
73-Ta-171



MAT 7298

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-171



14

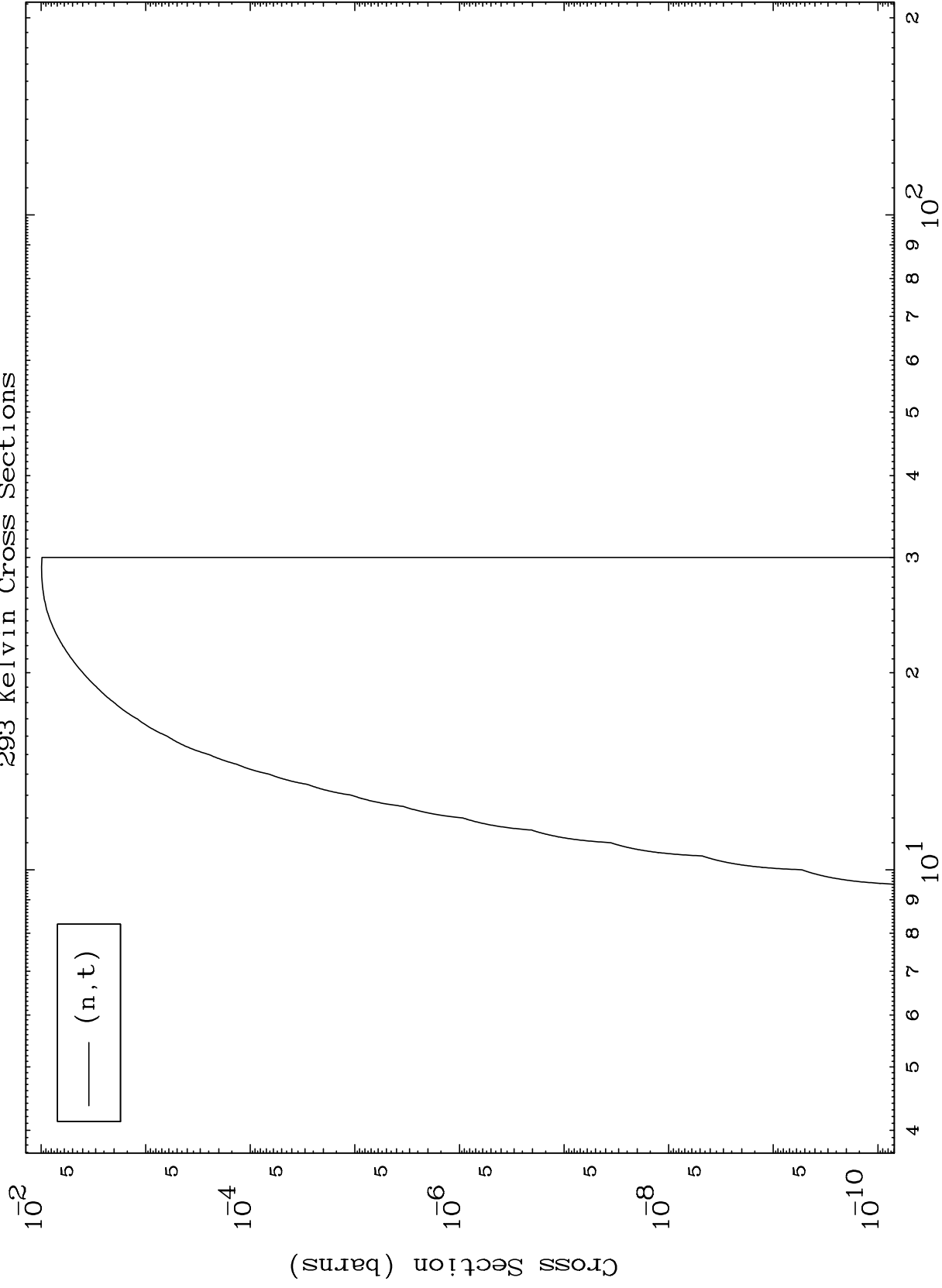
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73-Ta-171

MAT 7298

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-171



15

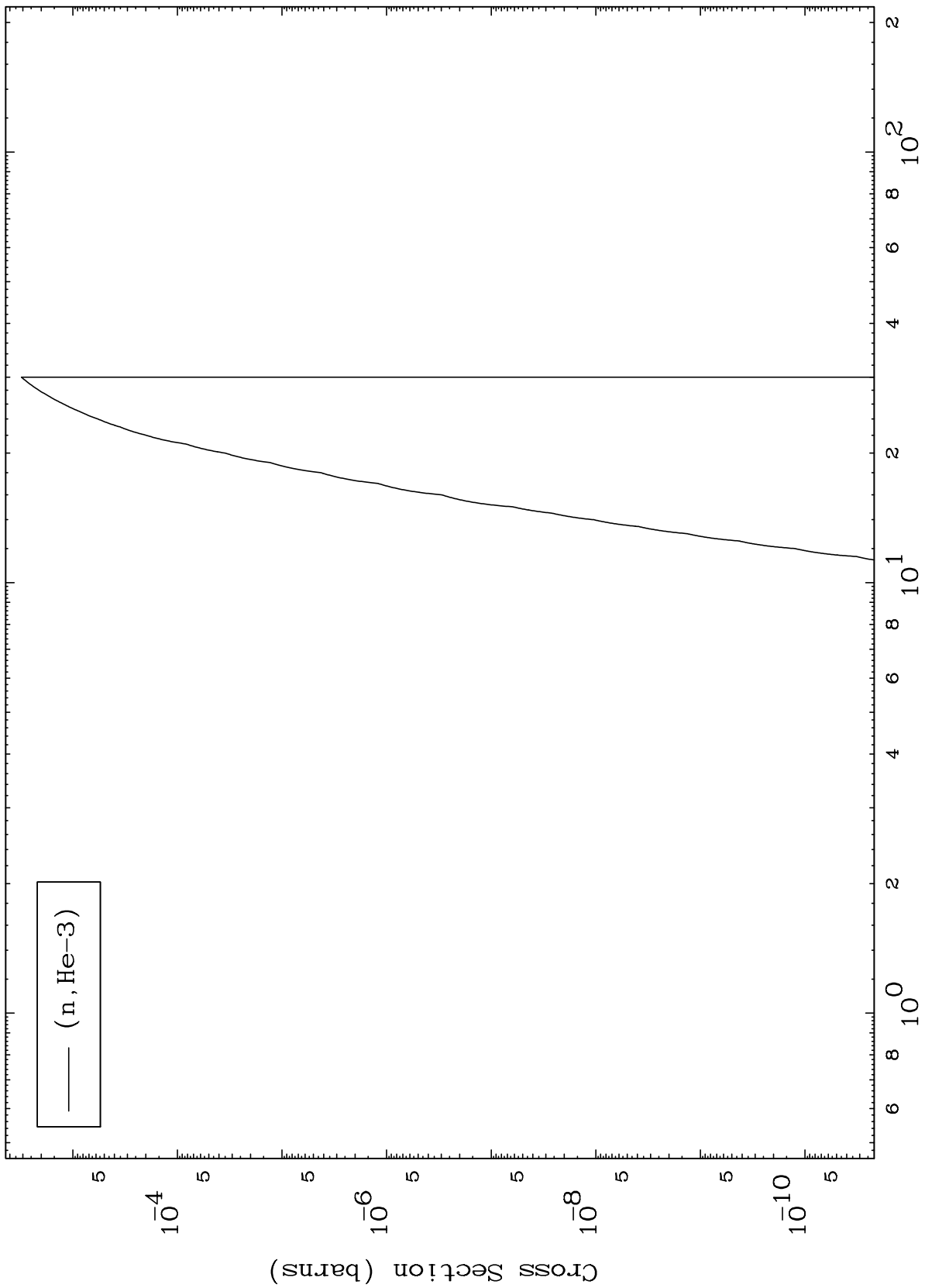
Incident Energy (MeV)

73-Ta-171

MAT 7298

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-171



16

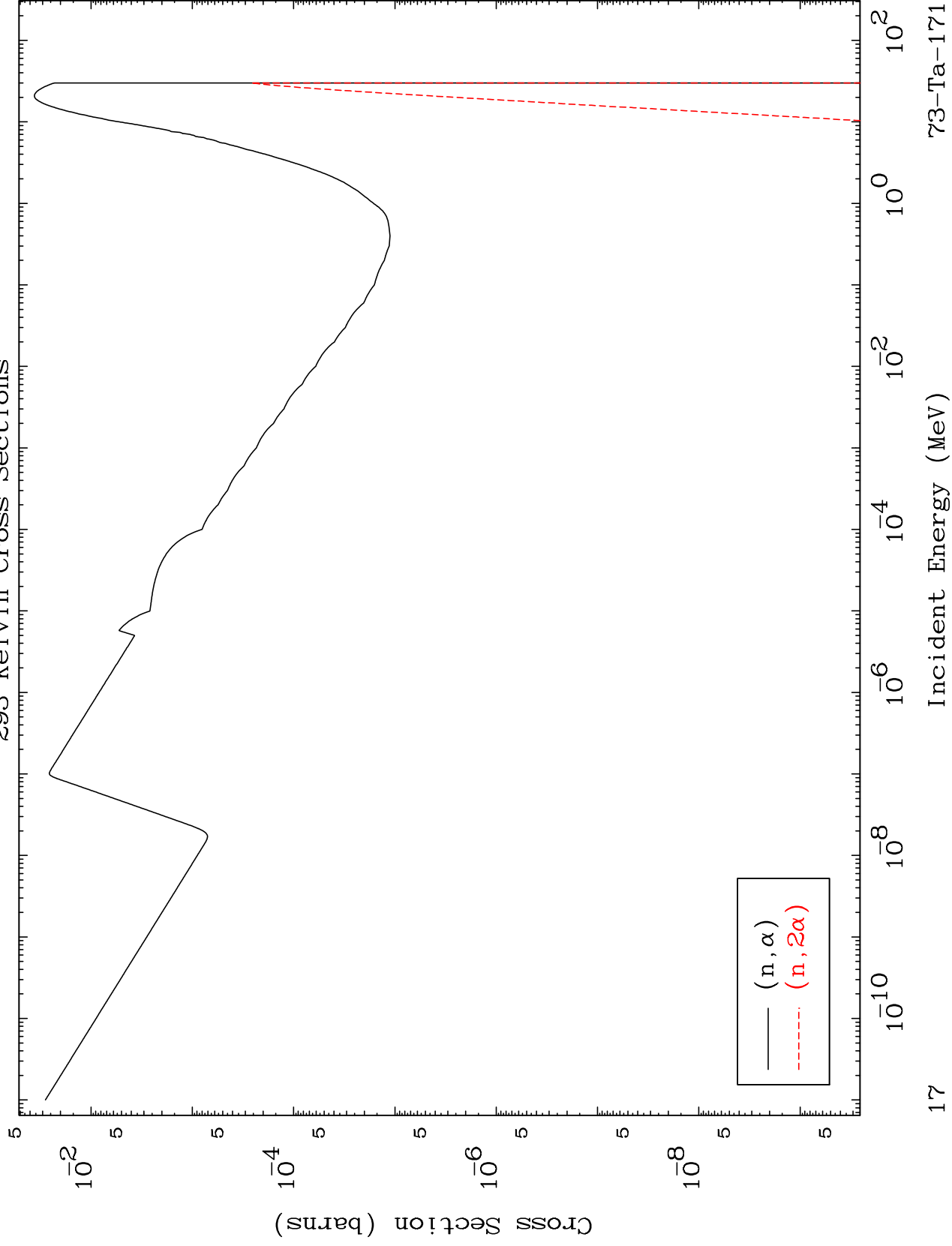
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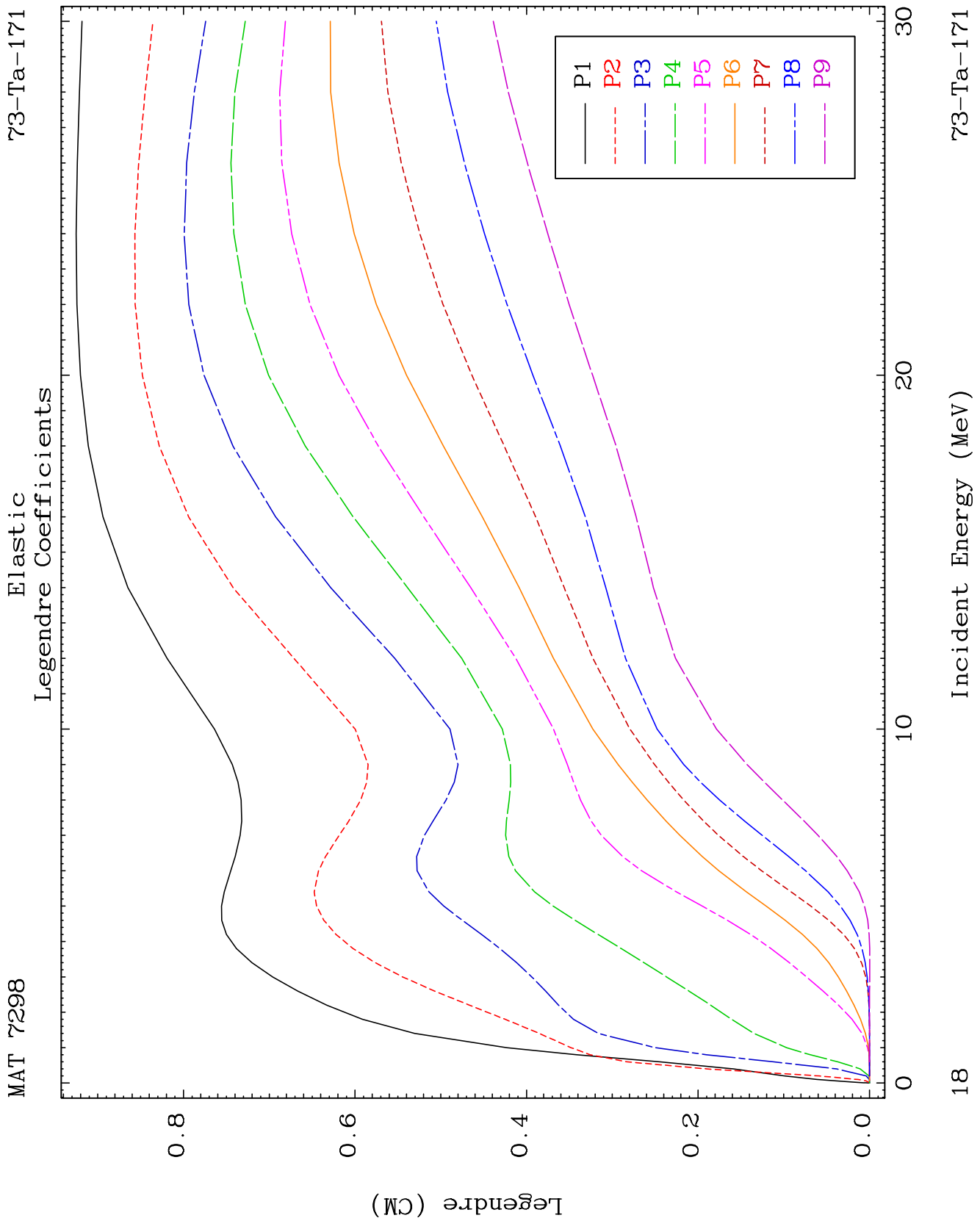
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MAT 7298

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-171

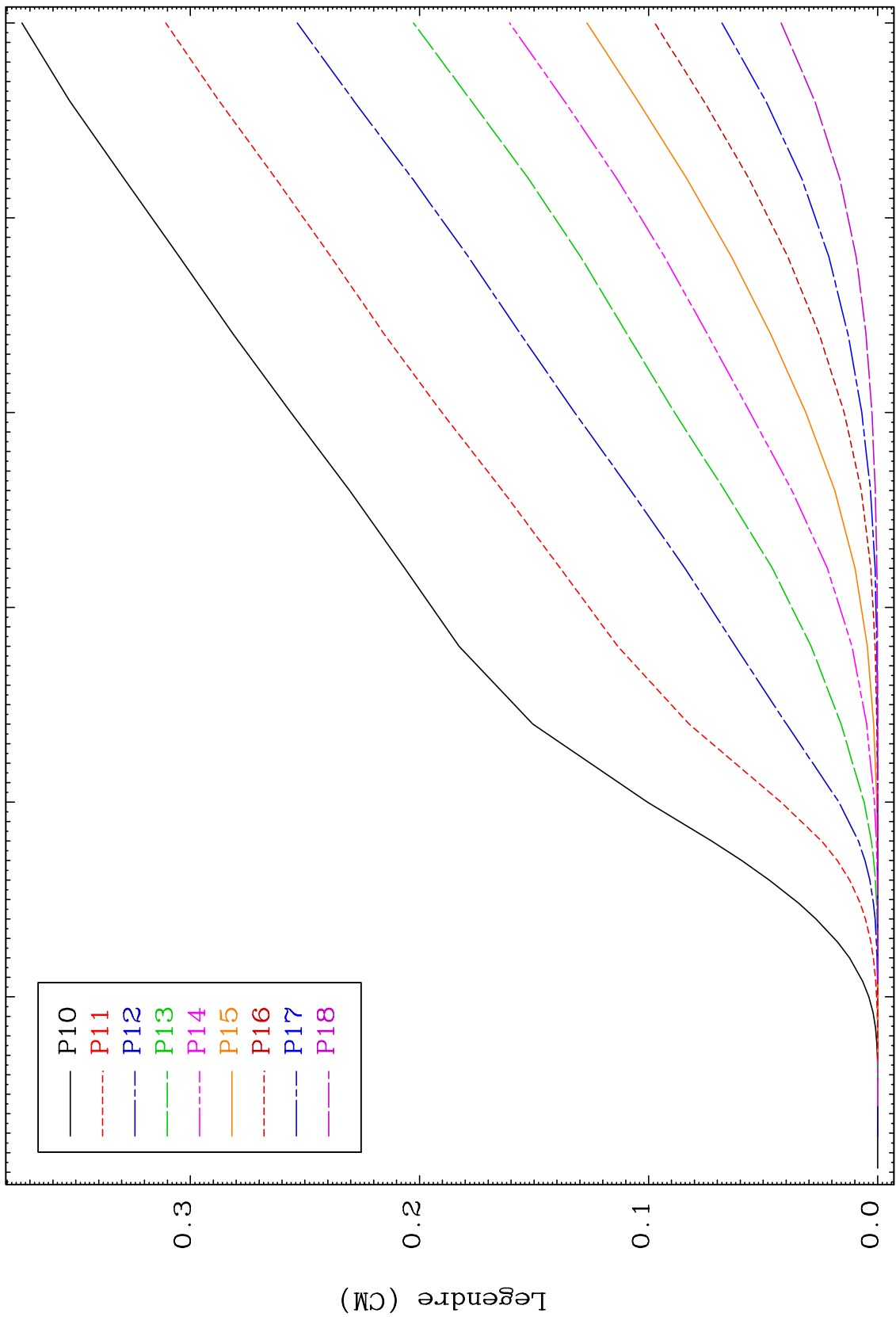




MAT 7298

Elastic Legendre Coefficients

73-Ta-171



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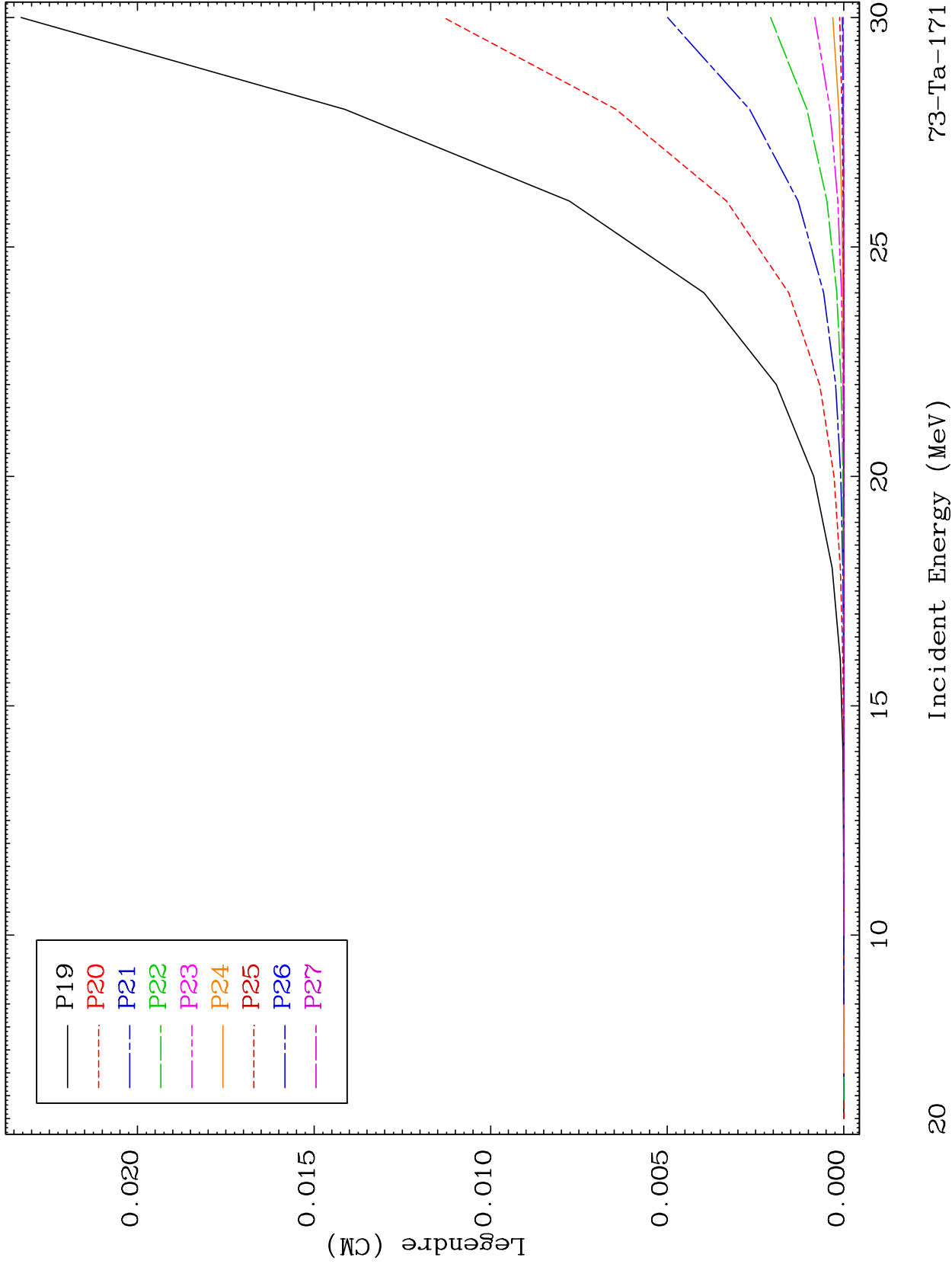
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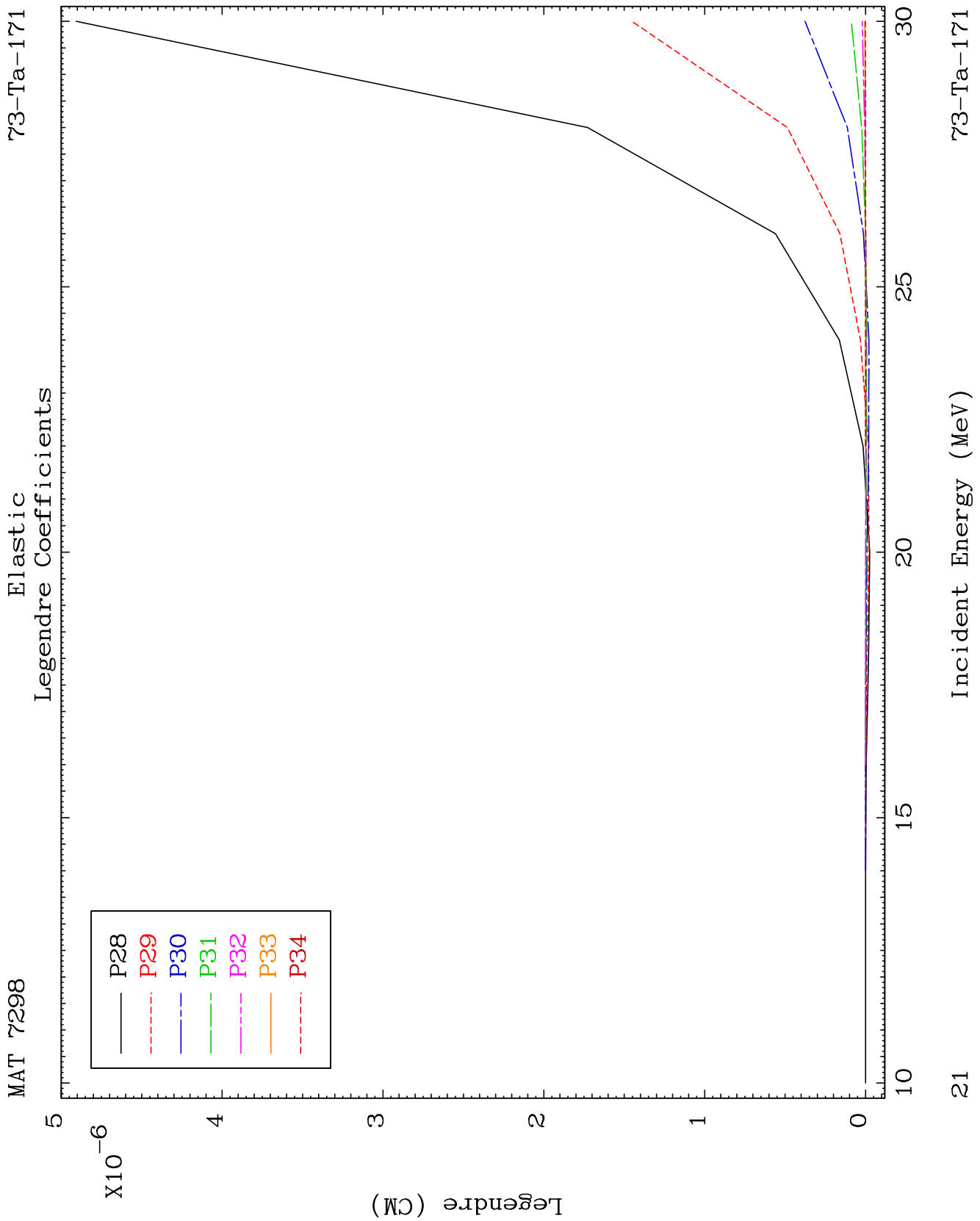
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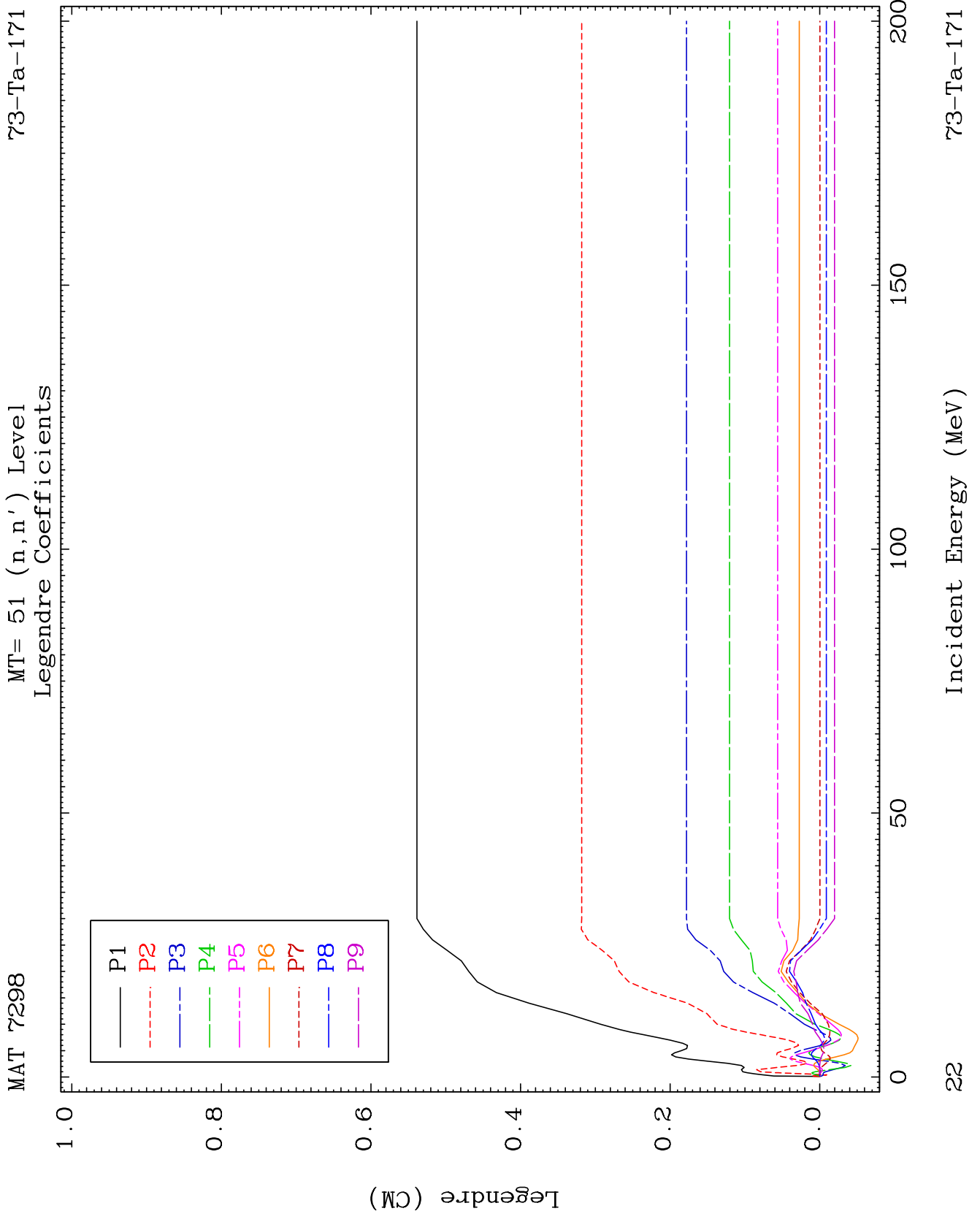
MAT 7298

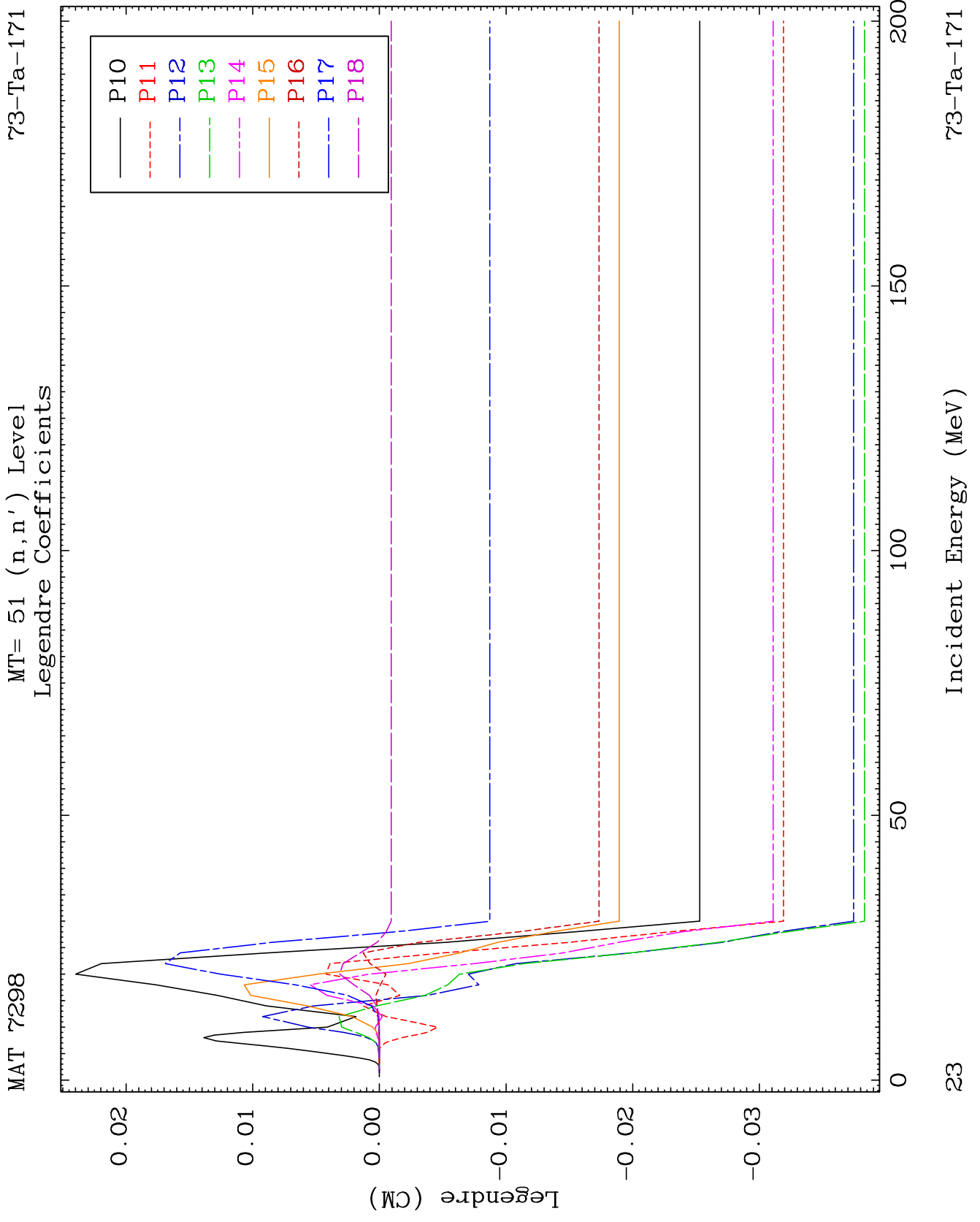
Elastic
Legendre Coefficients

73-Ta-171





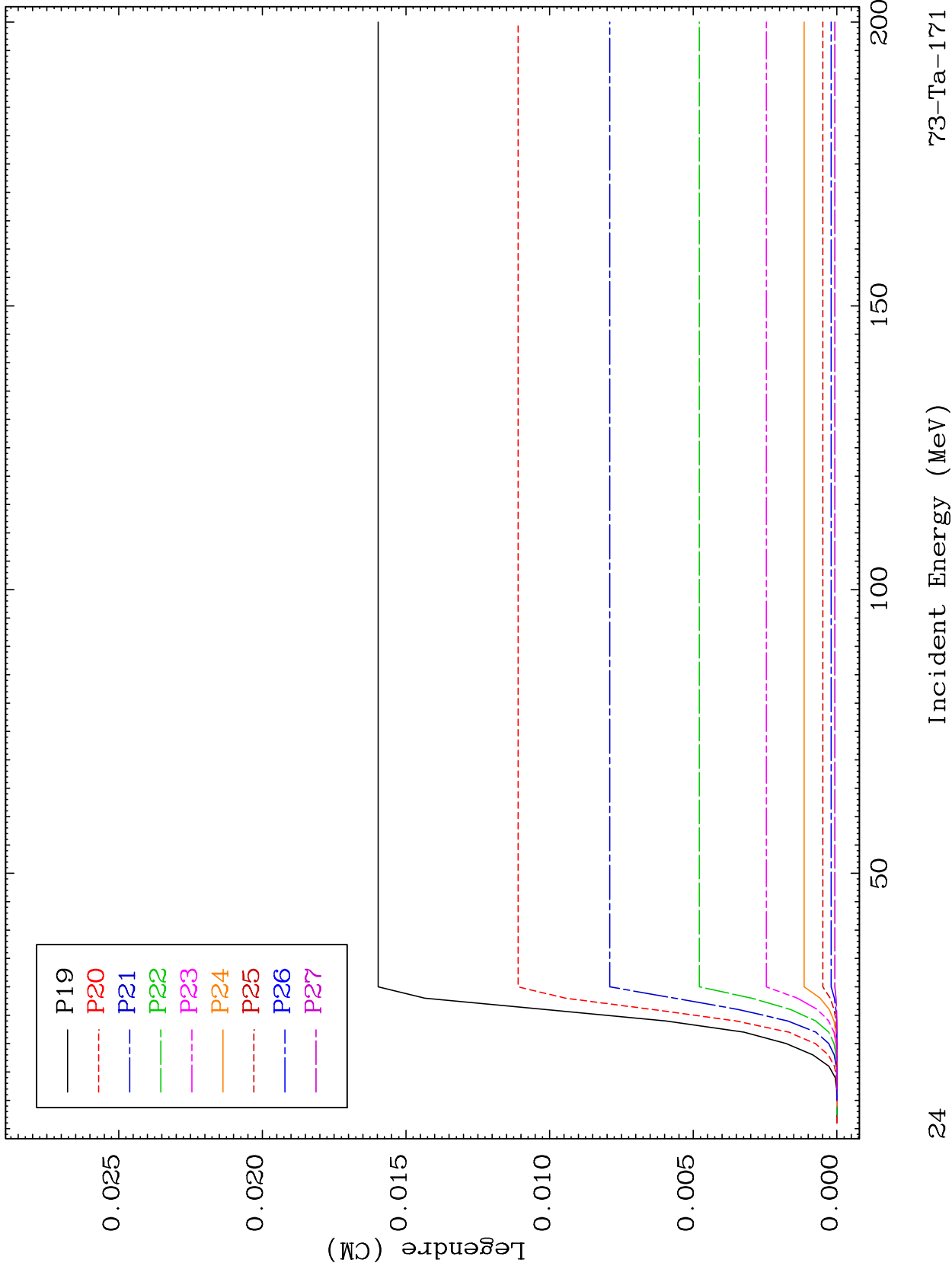




MAT 7298

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

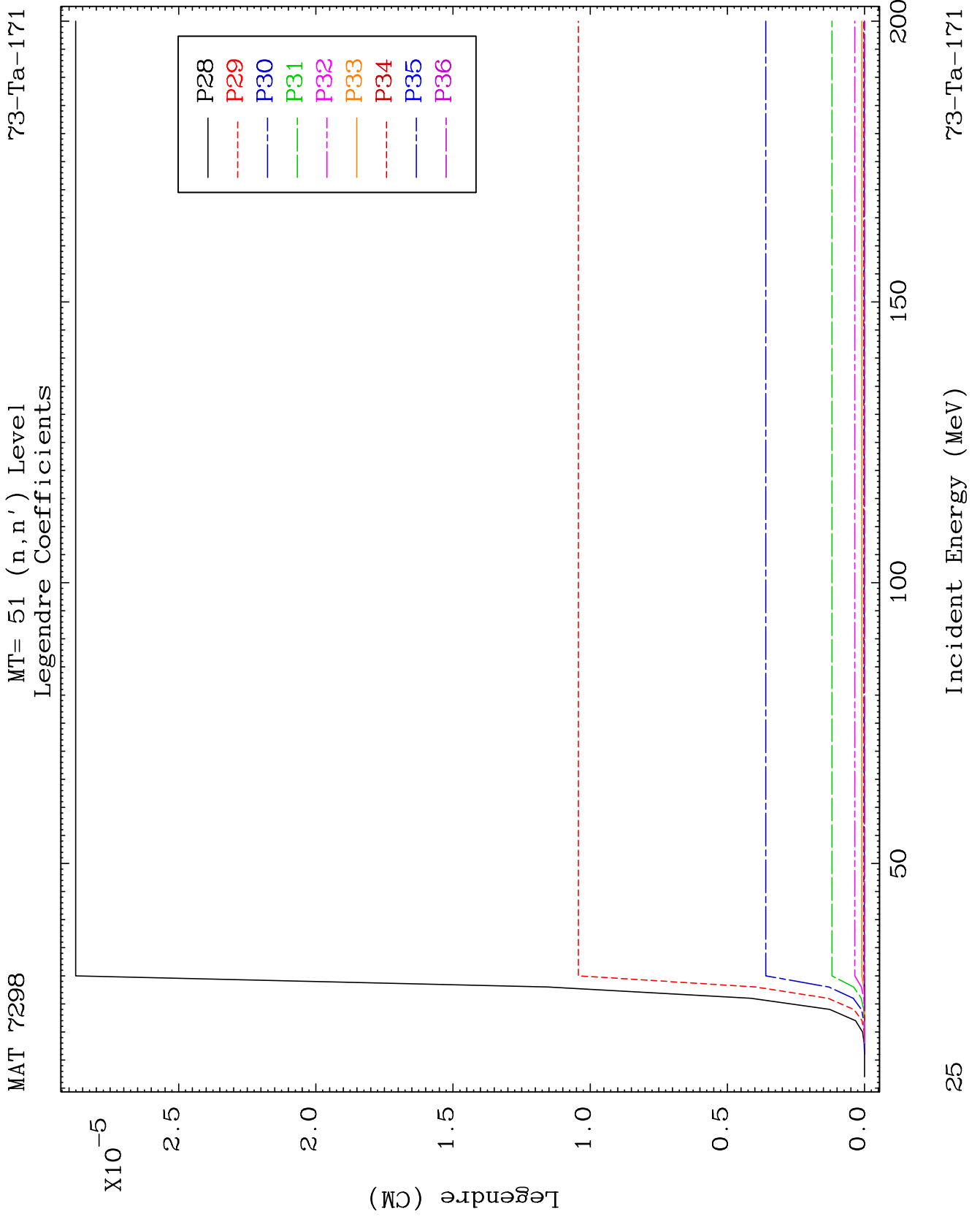
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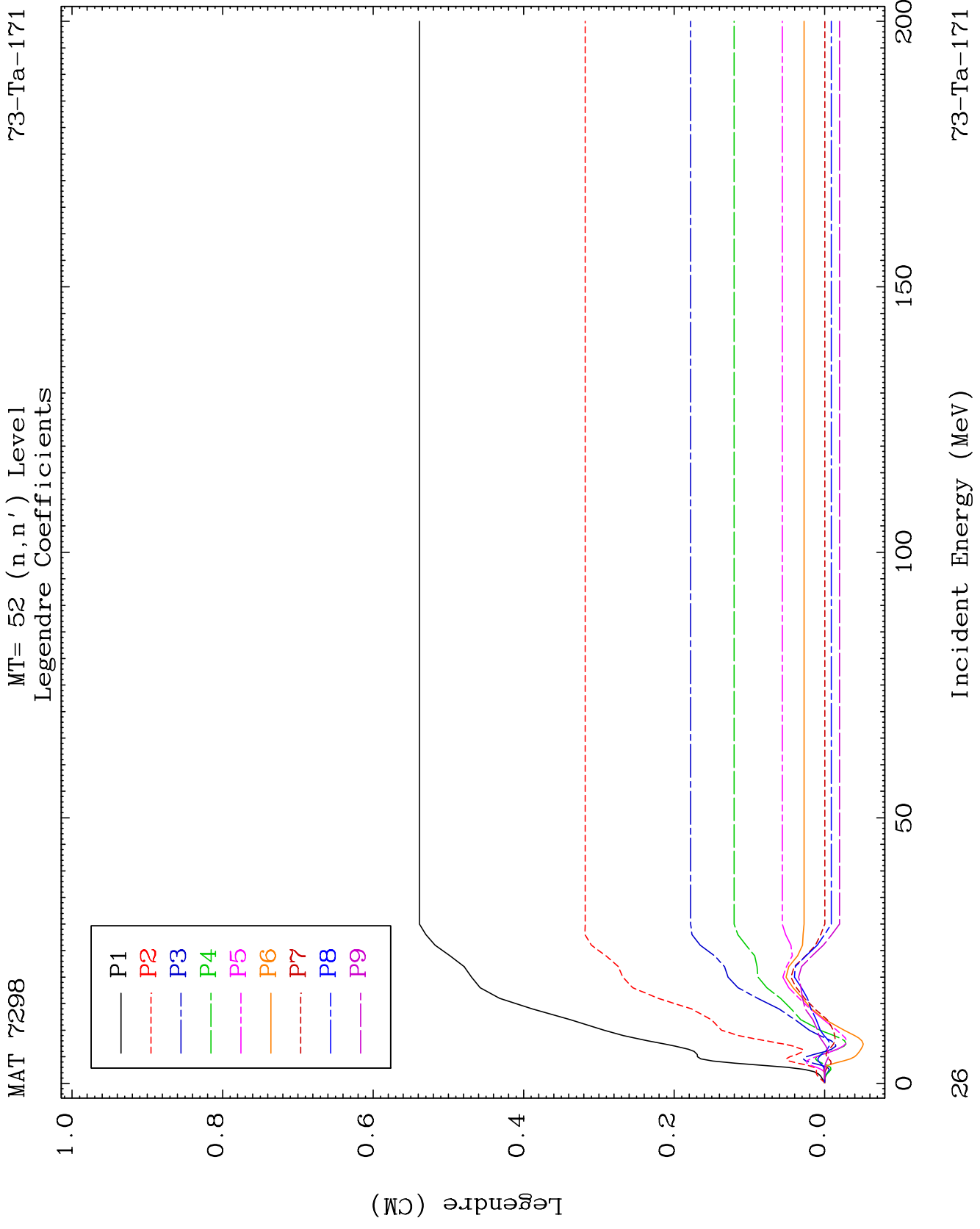


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Incident Energy (MeV)

73-Ta-171

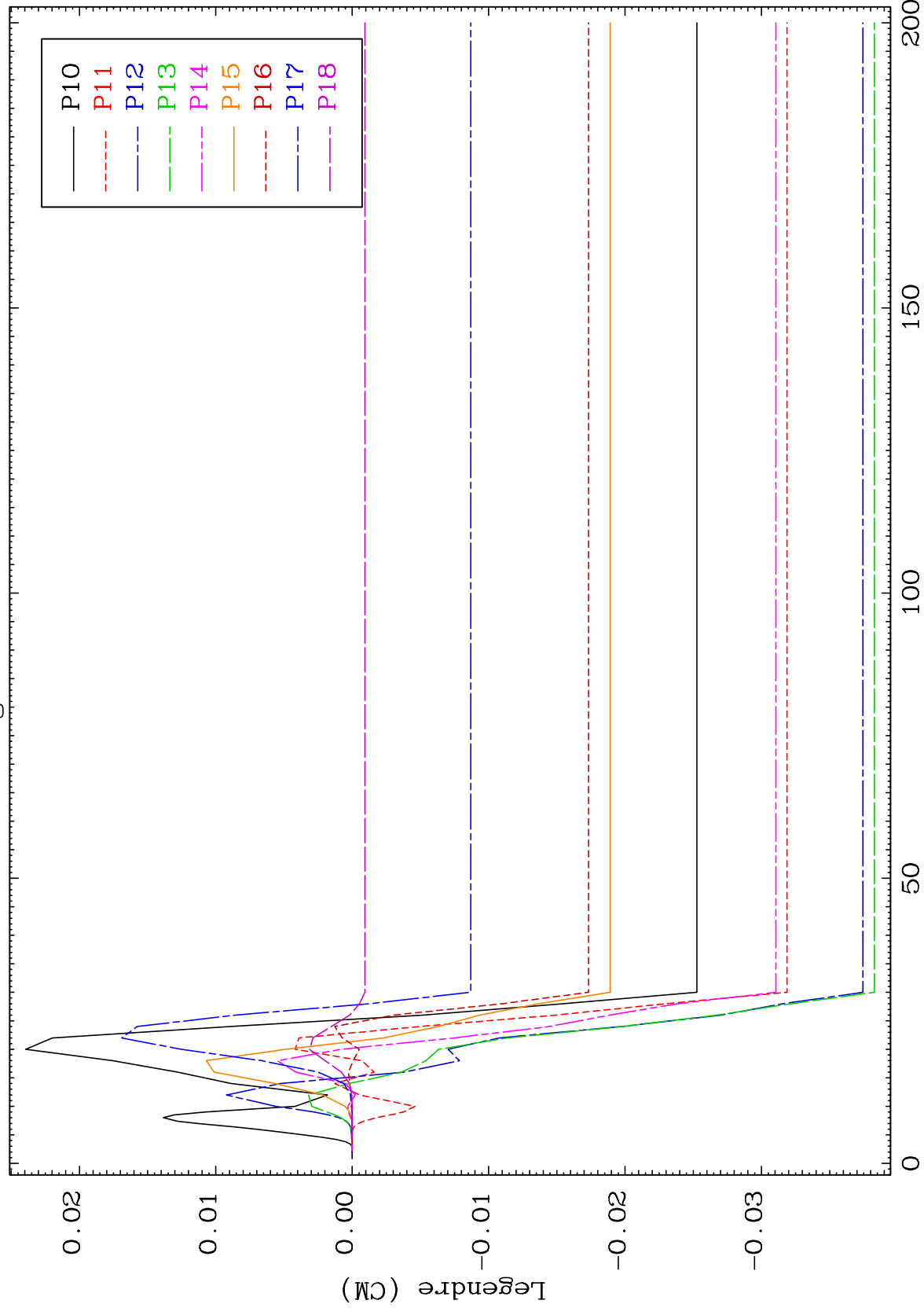




MAT 7298

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

73-Ta-171



27

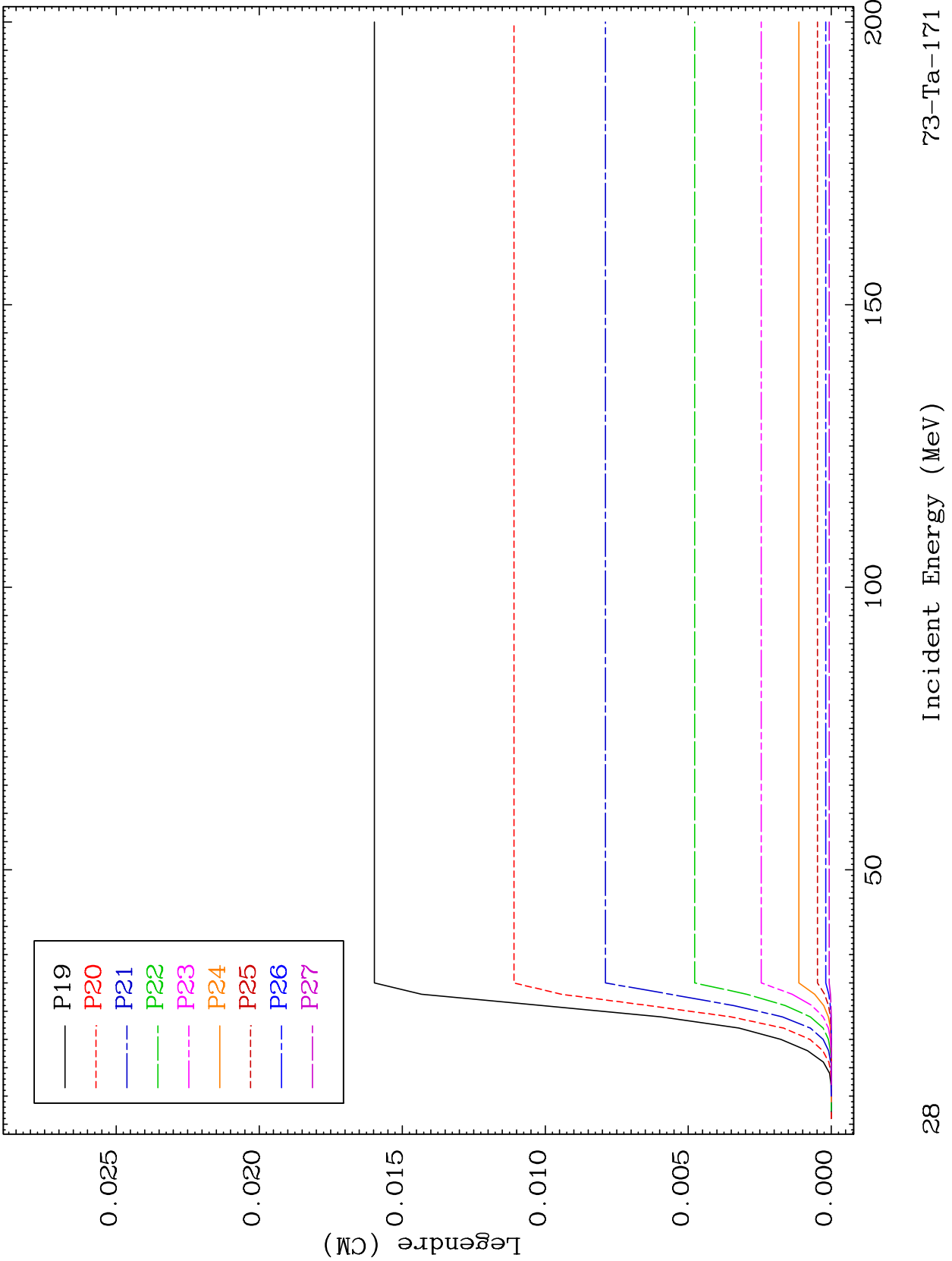
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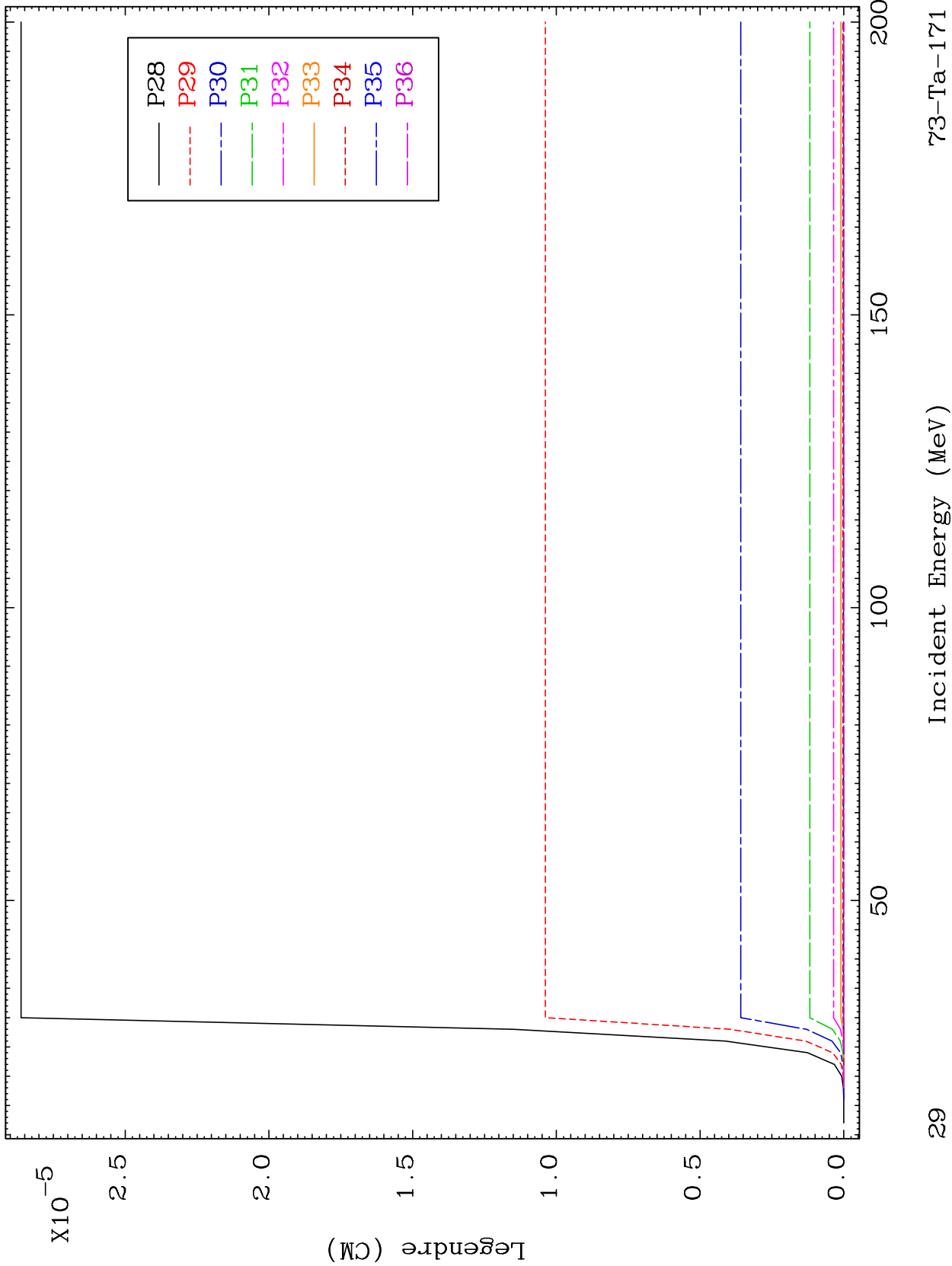
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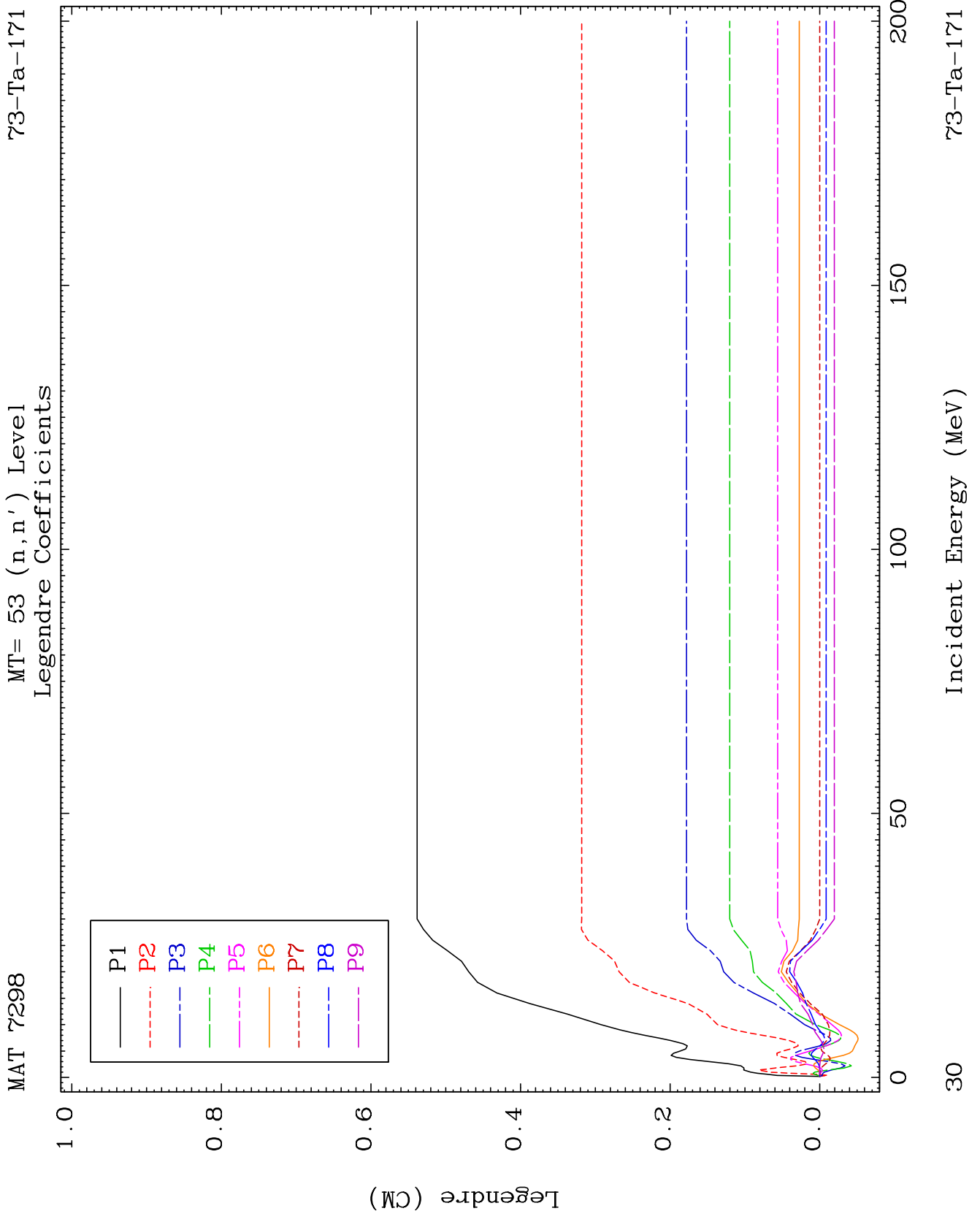
MAT 7298

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

73-Ta-171



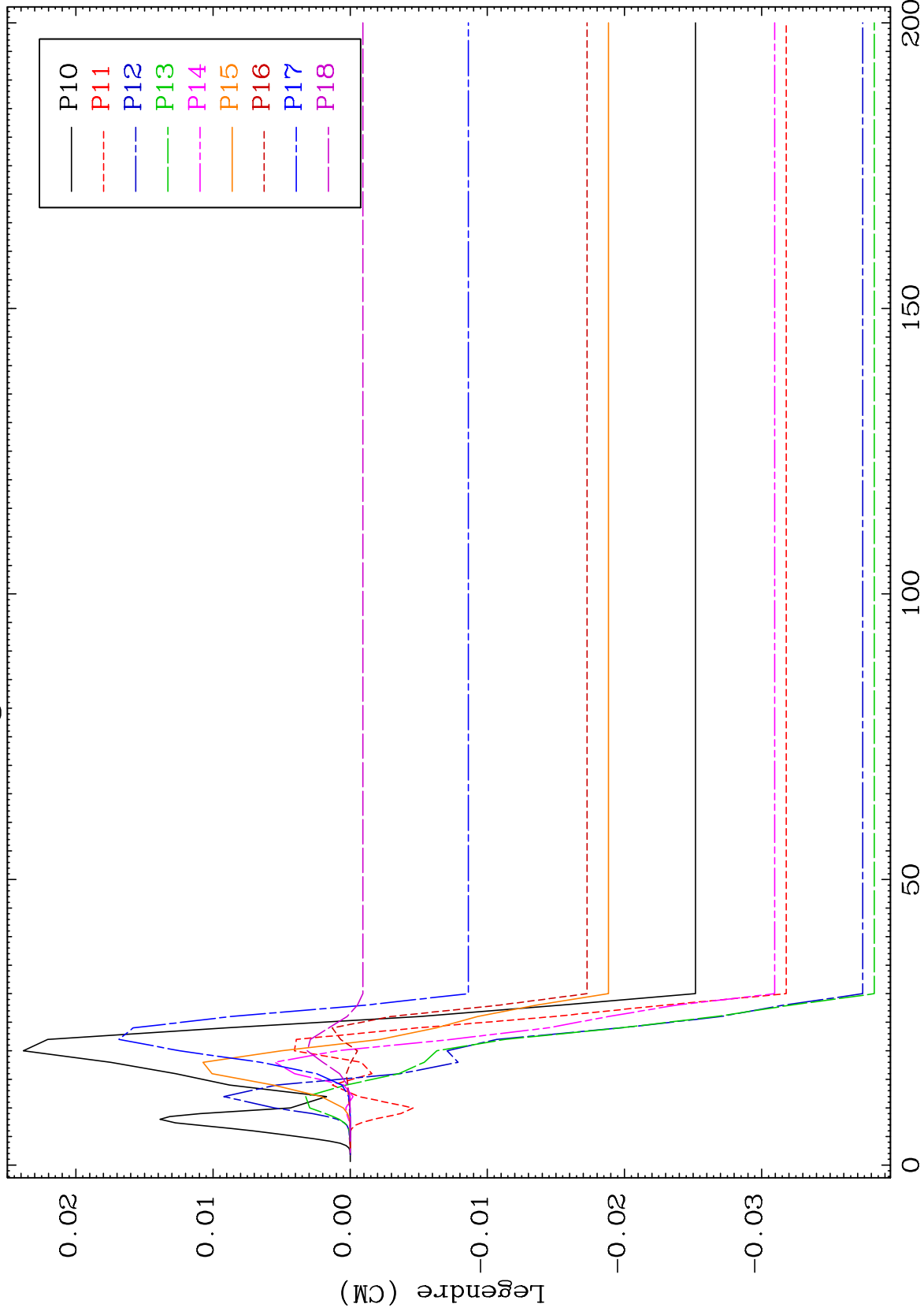




MAT 7298

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

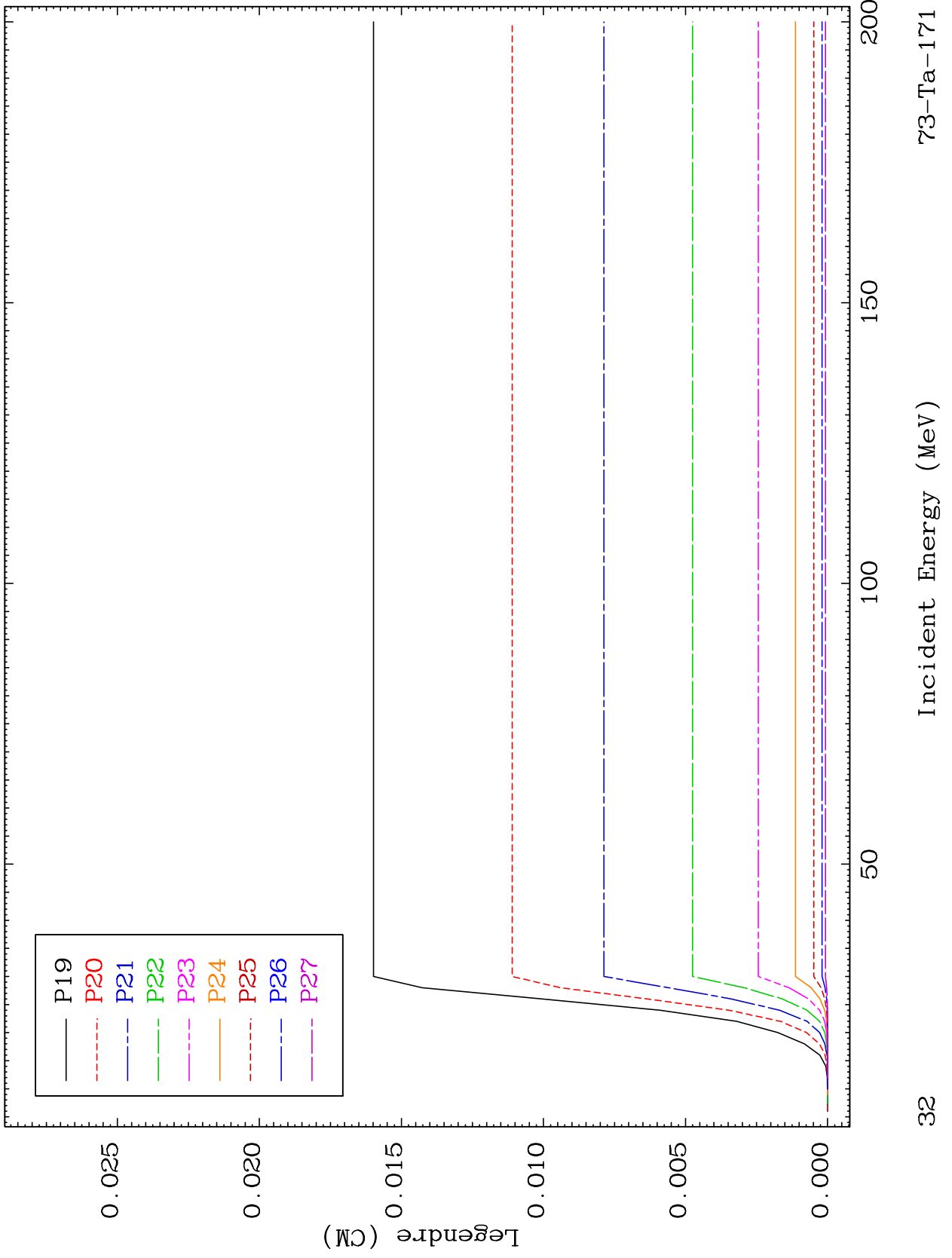
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31

Incident Energy (MeV)

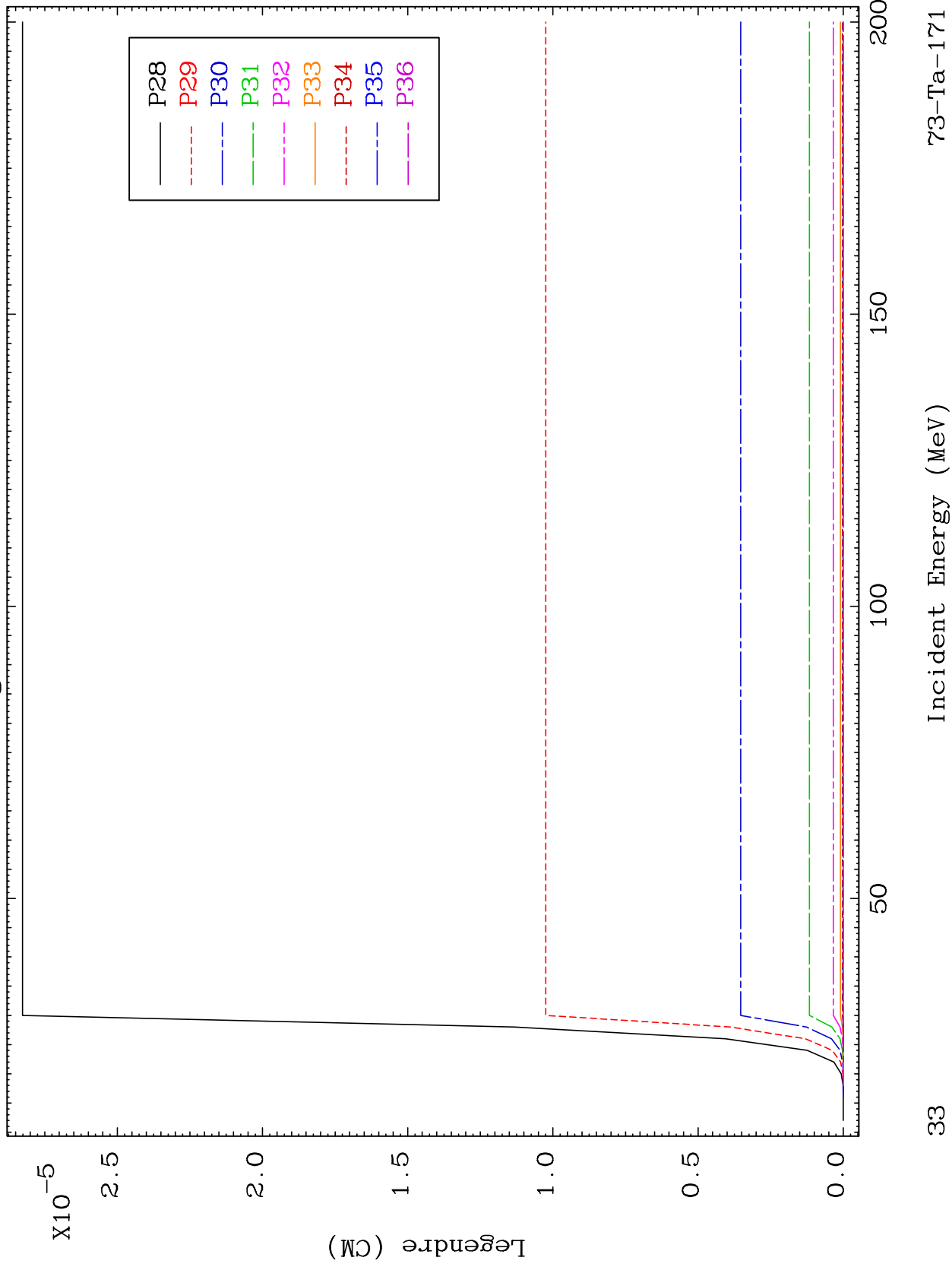
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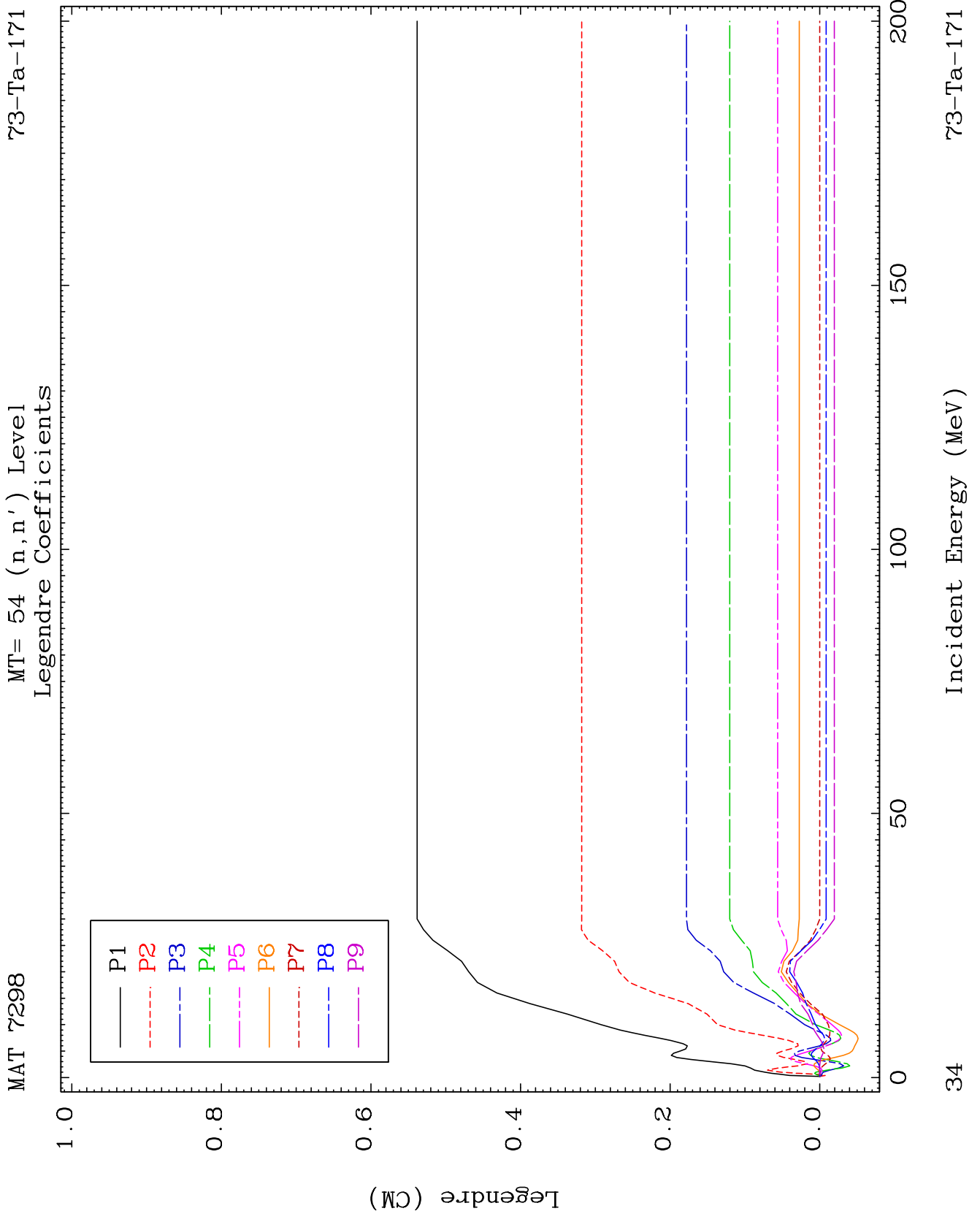
MAT 7298

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

73-Ta-171



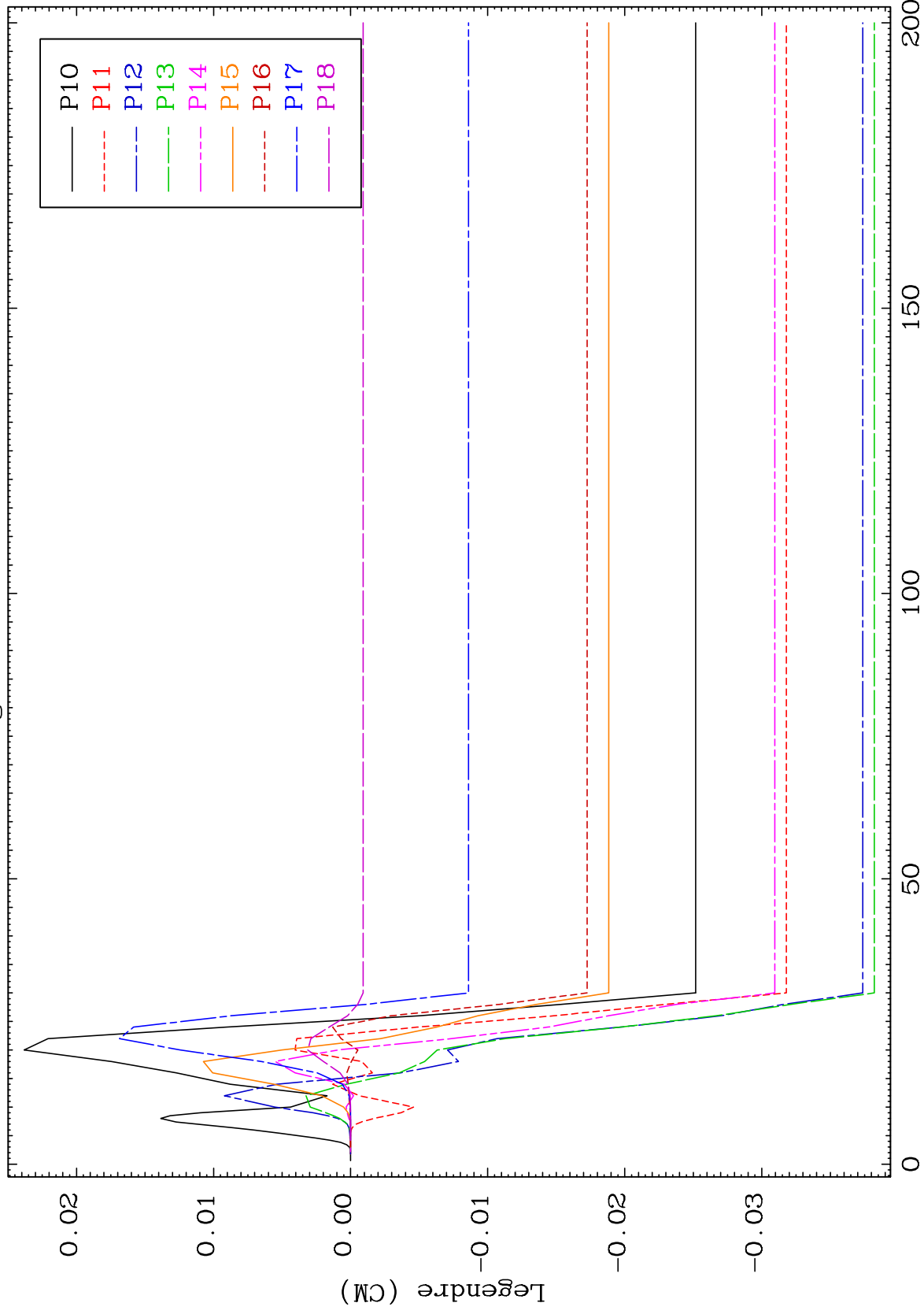
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MAT 7298

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

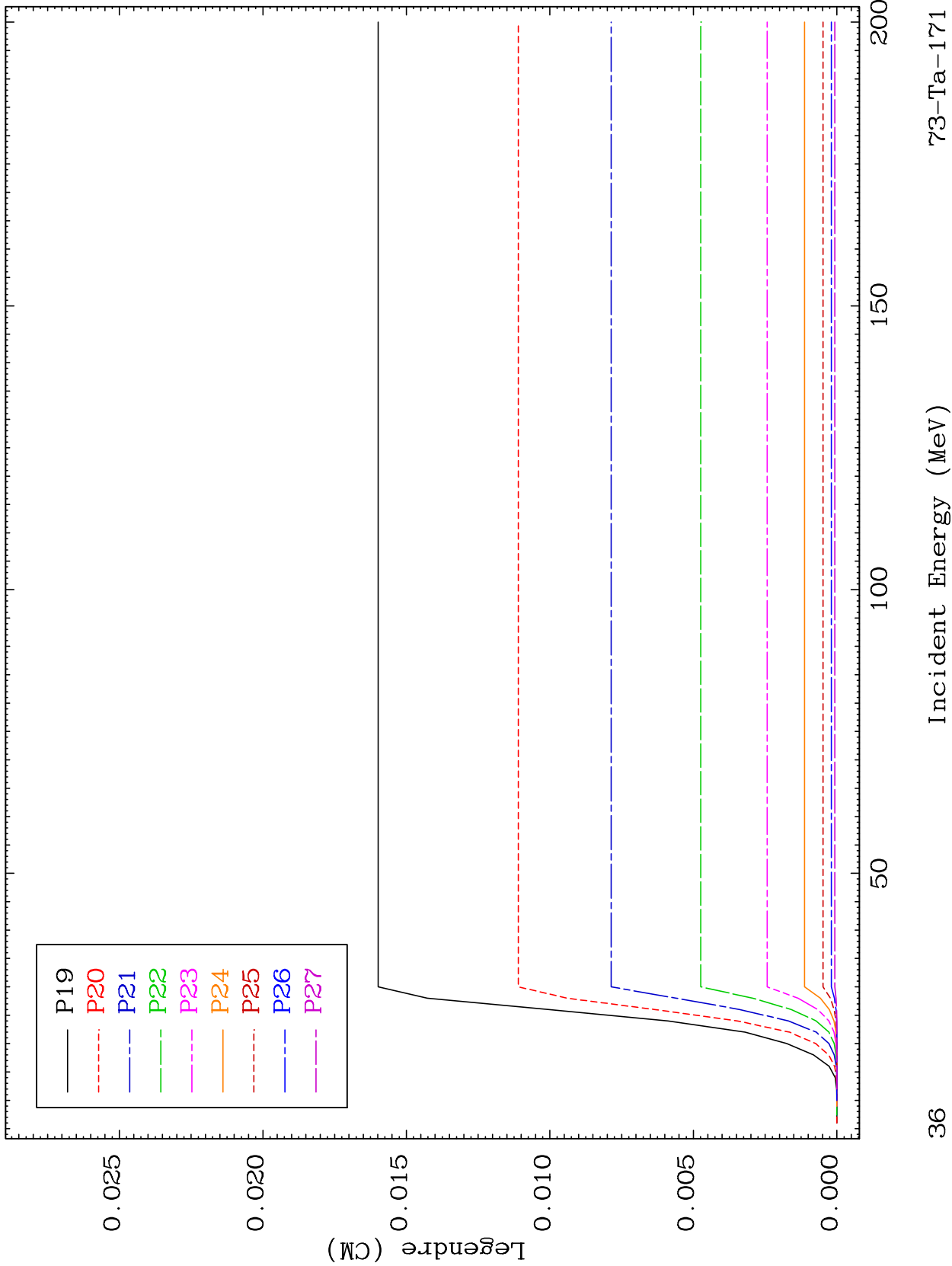
73-Ta-171



73-Ta-171

Incident Energy (MeV)

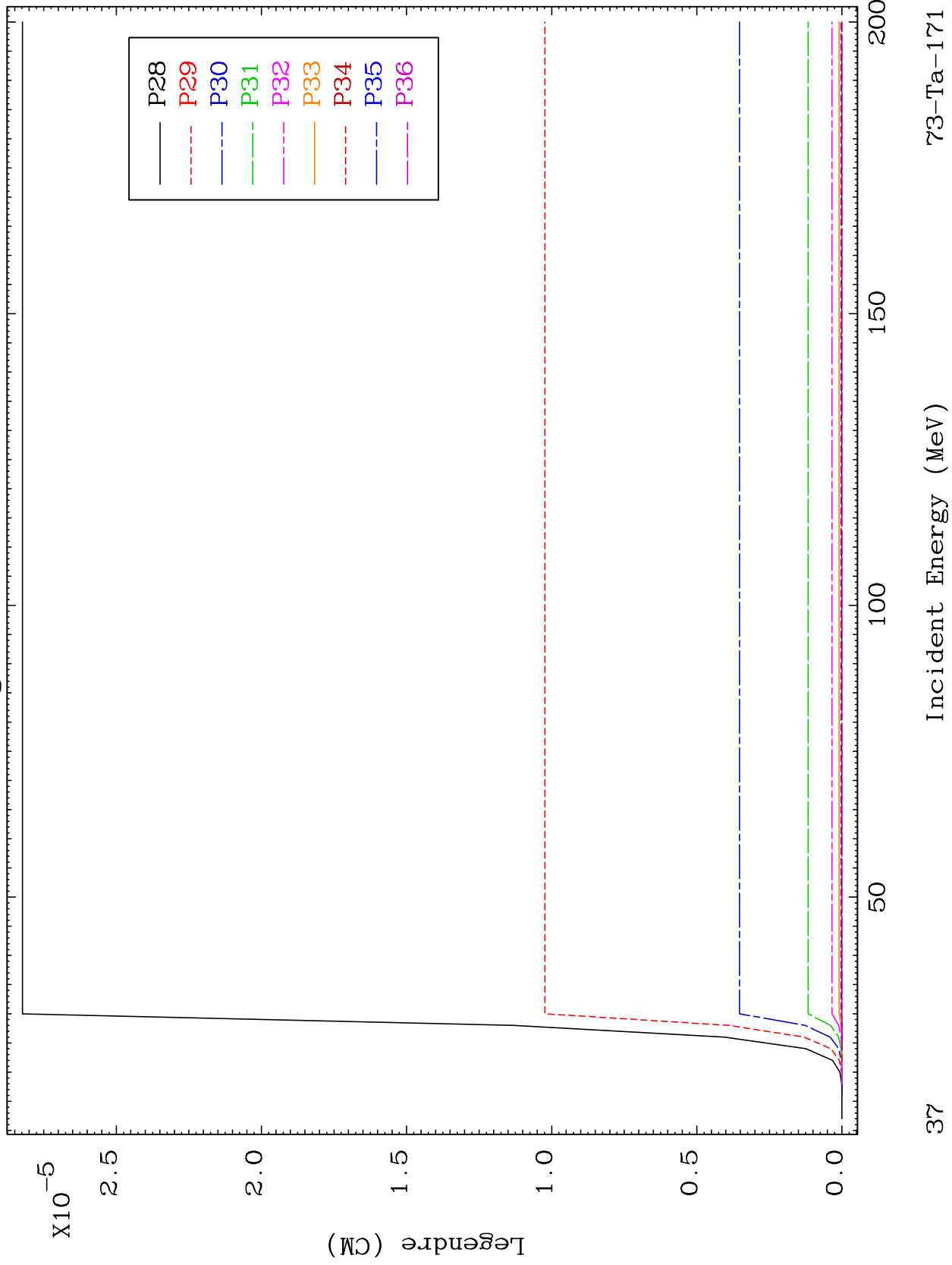
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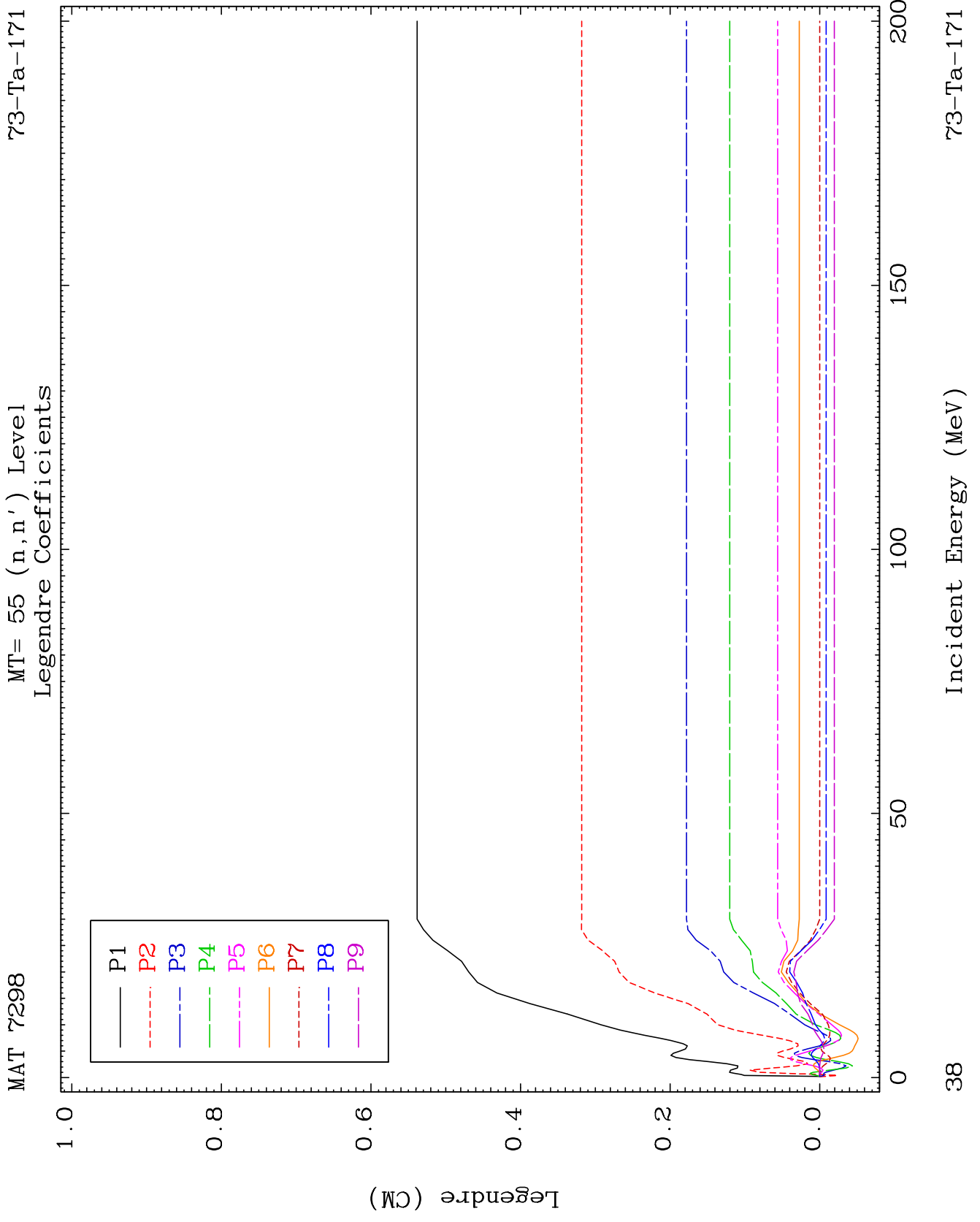


MAT 7298

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

73-Ta-171

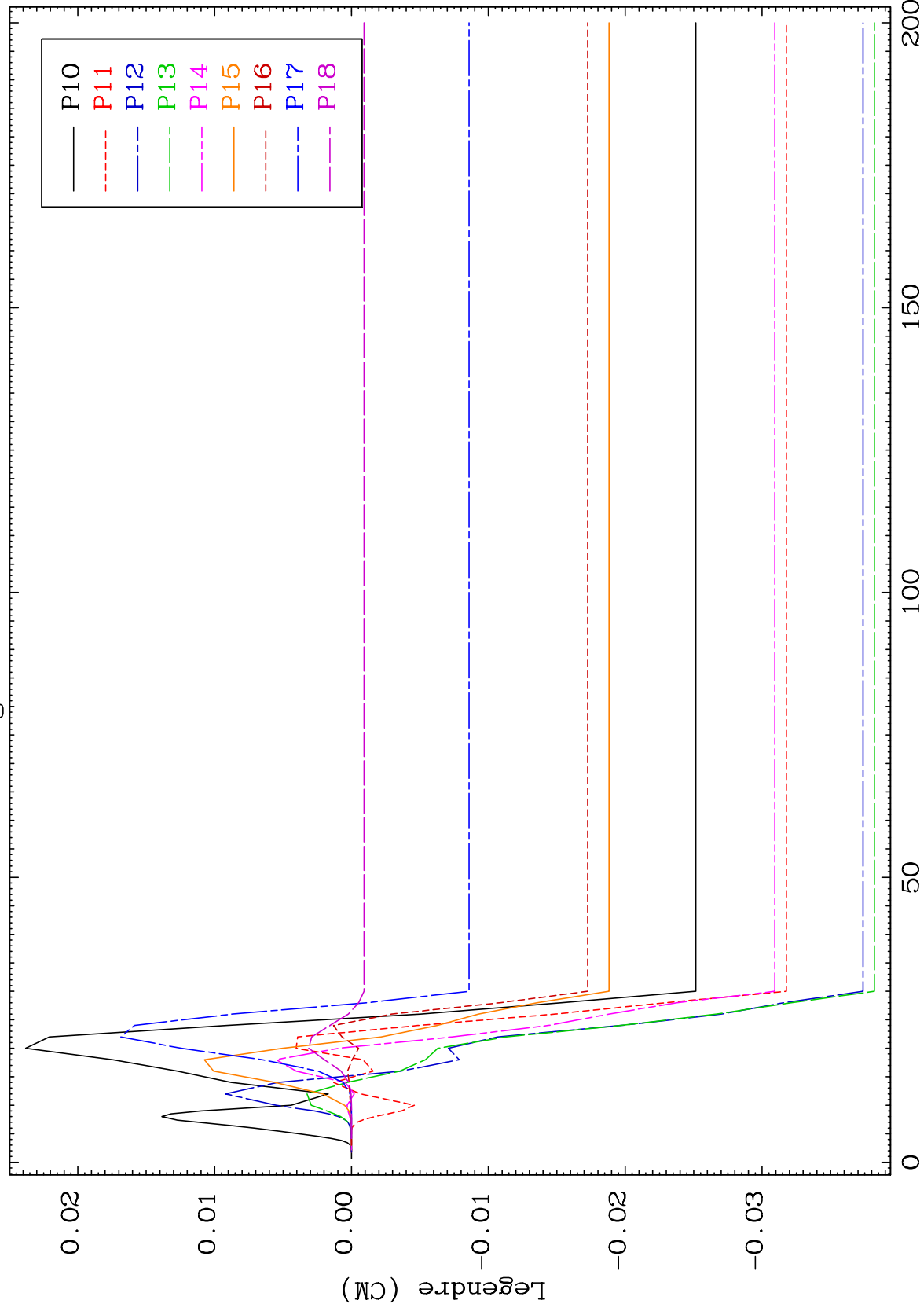




MAT 7298

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

73-Ta-171



39

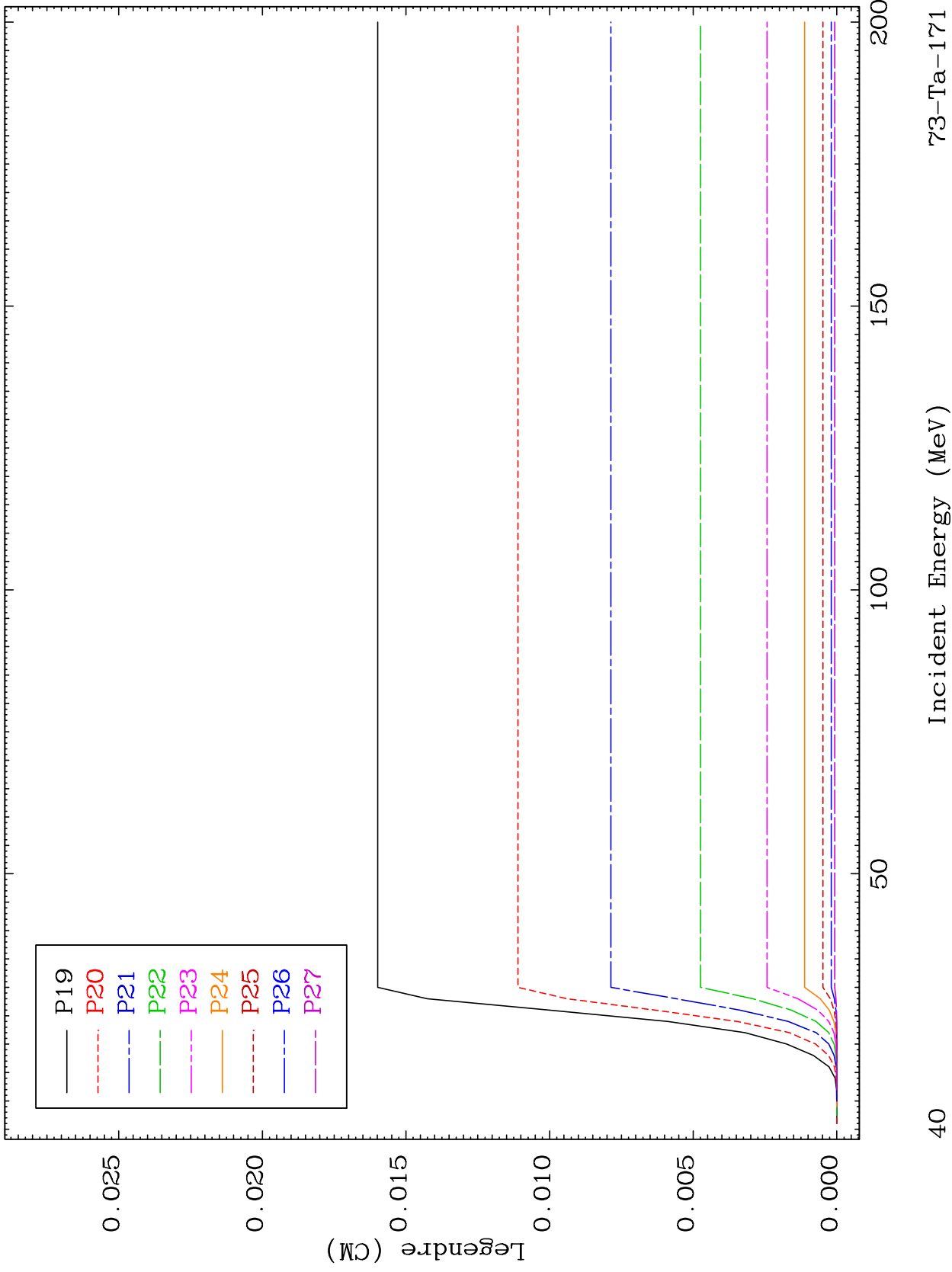
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



73-Ta-171

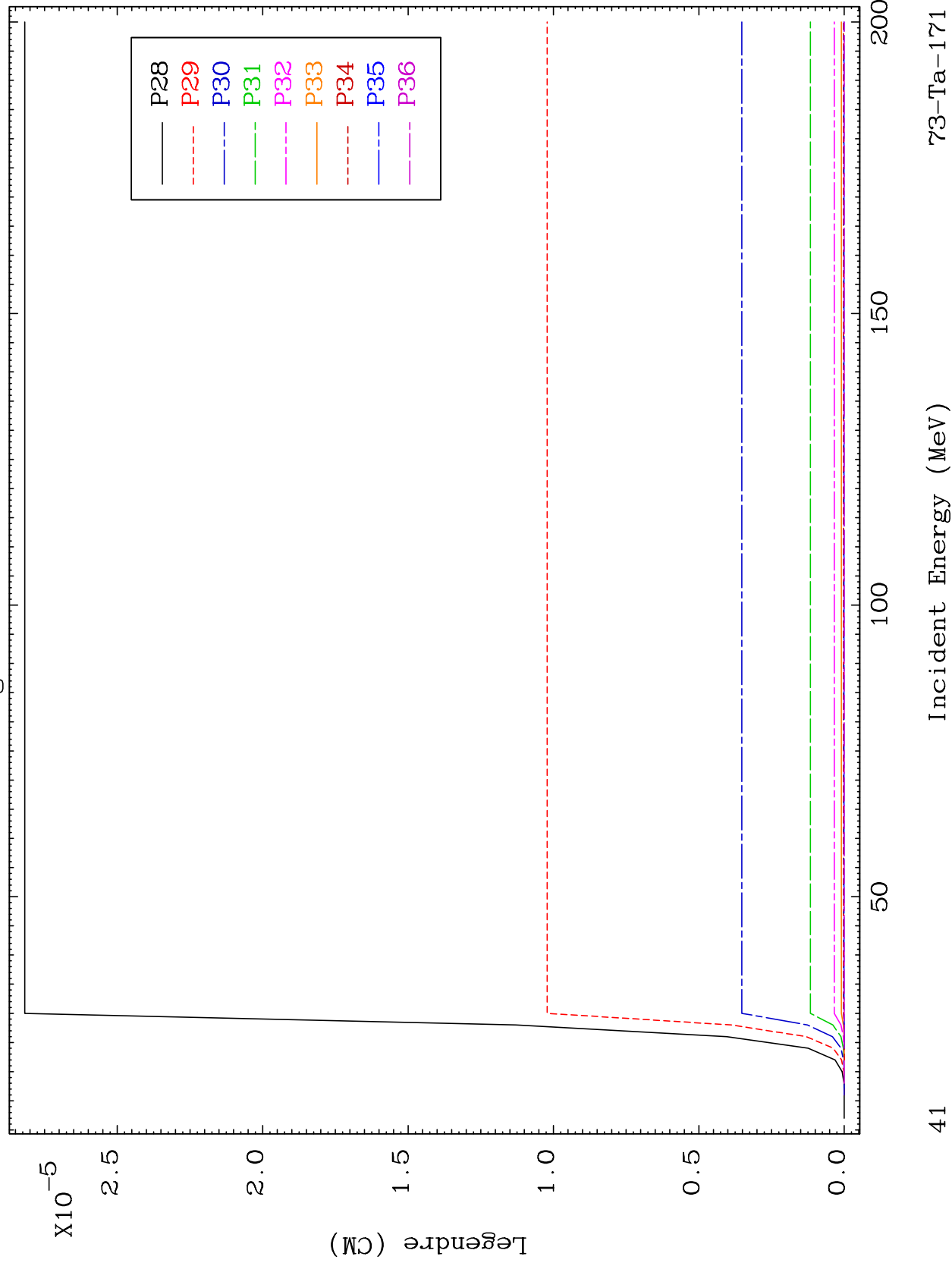
Incident Energy (MeV)

40

MAT 7298

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

73-Ta-171



41

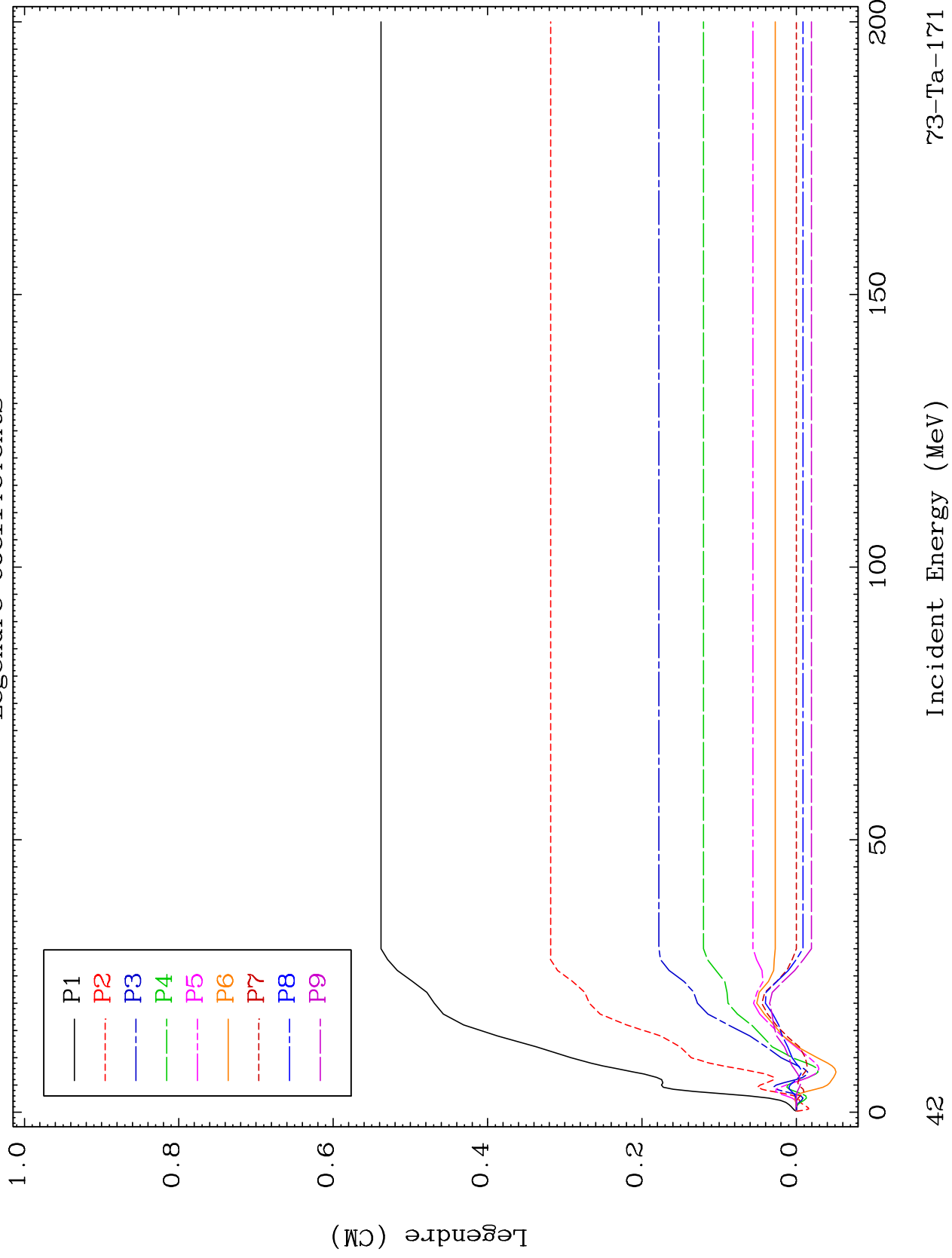
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

⁷³Ta-171



⁷³Ta-171

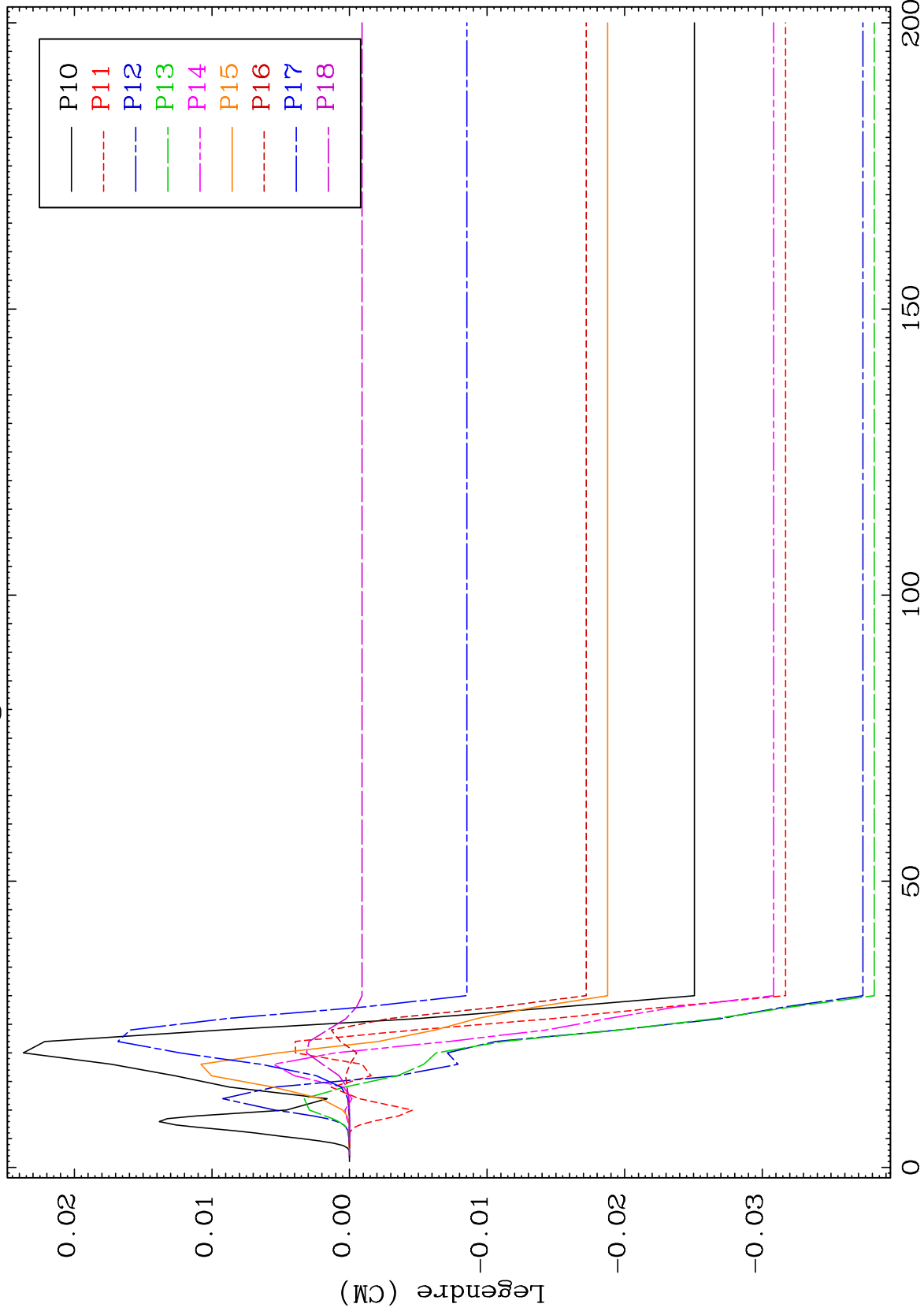
Incident Energy (MeV)

42

MAT 7298

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

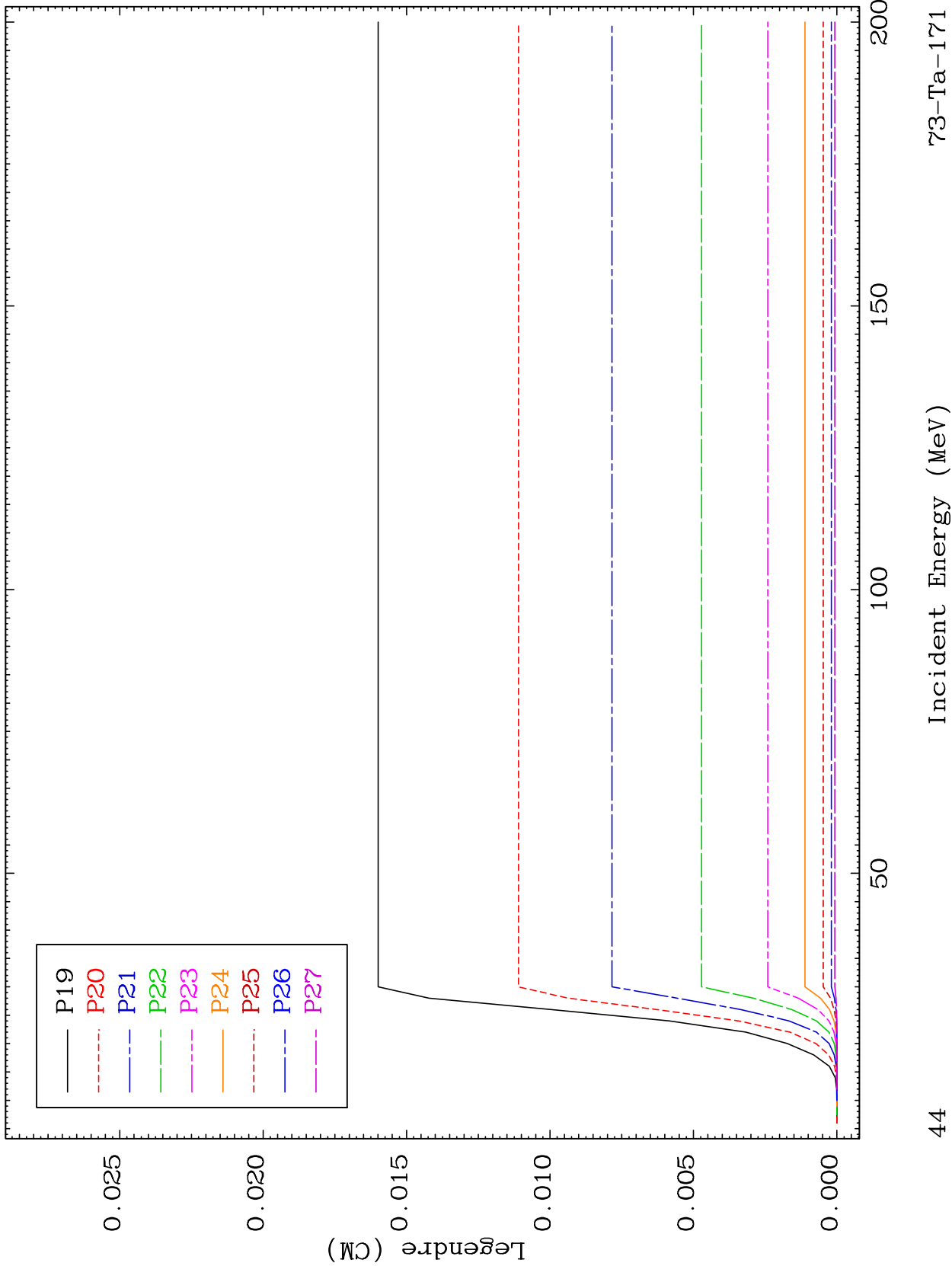
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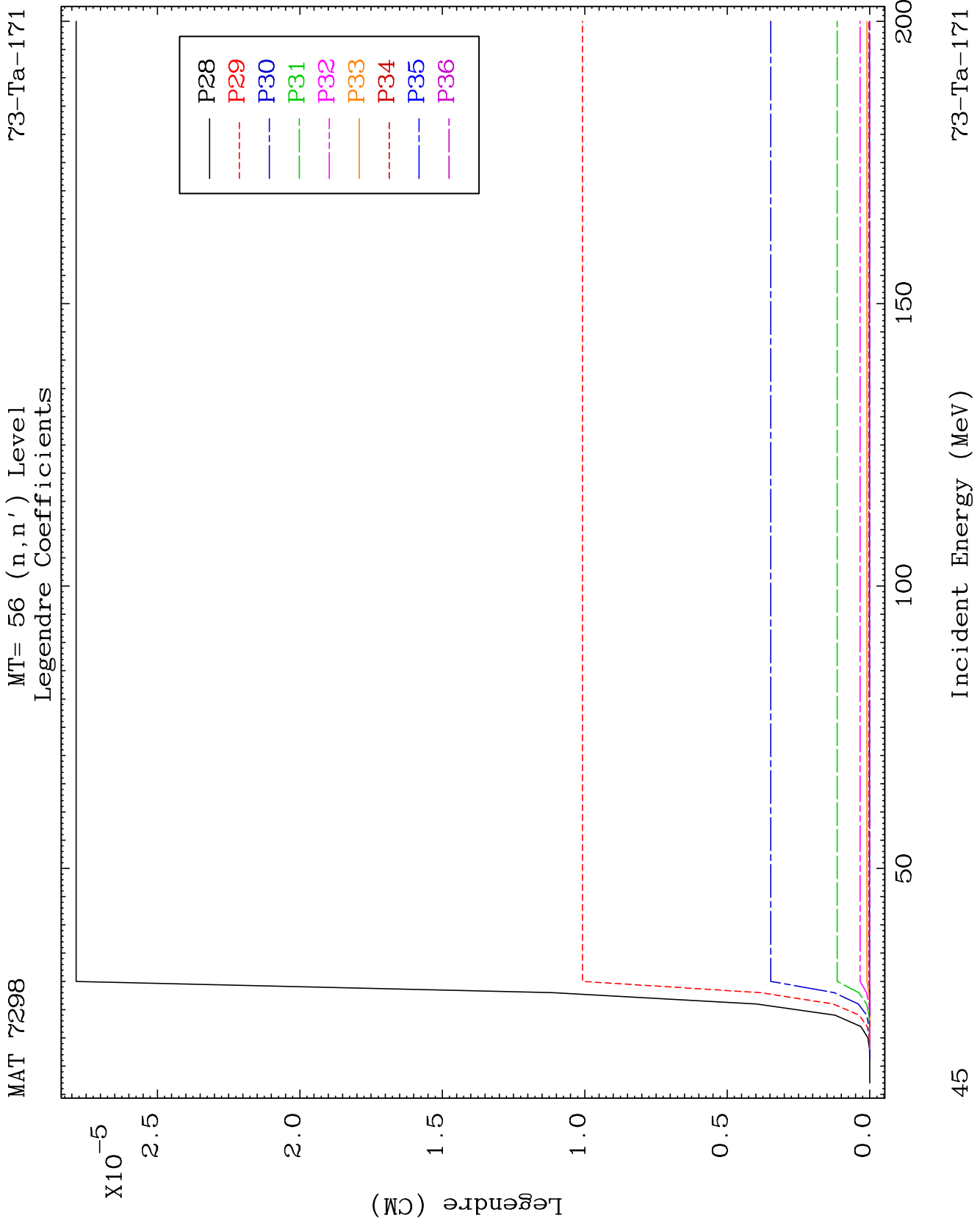


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Incident Energy (MeV)

73-Ta-171

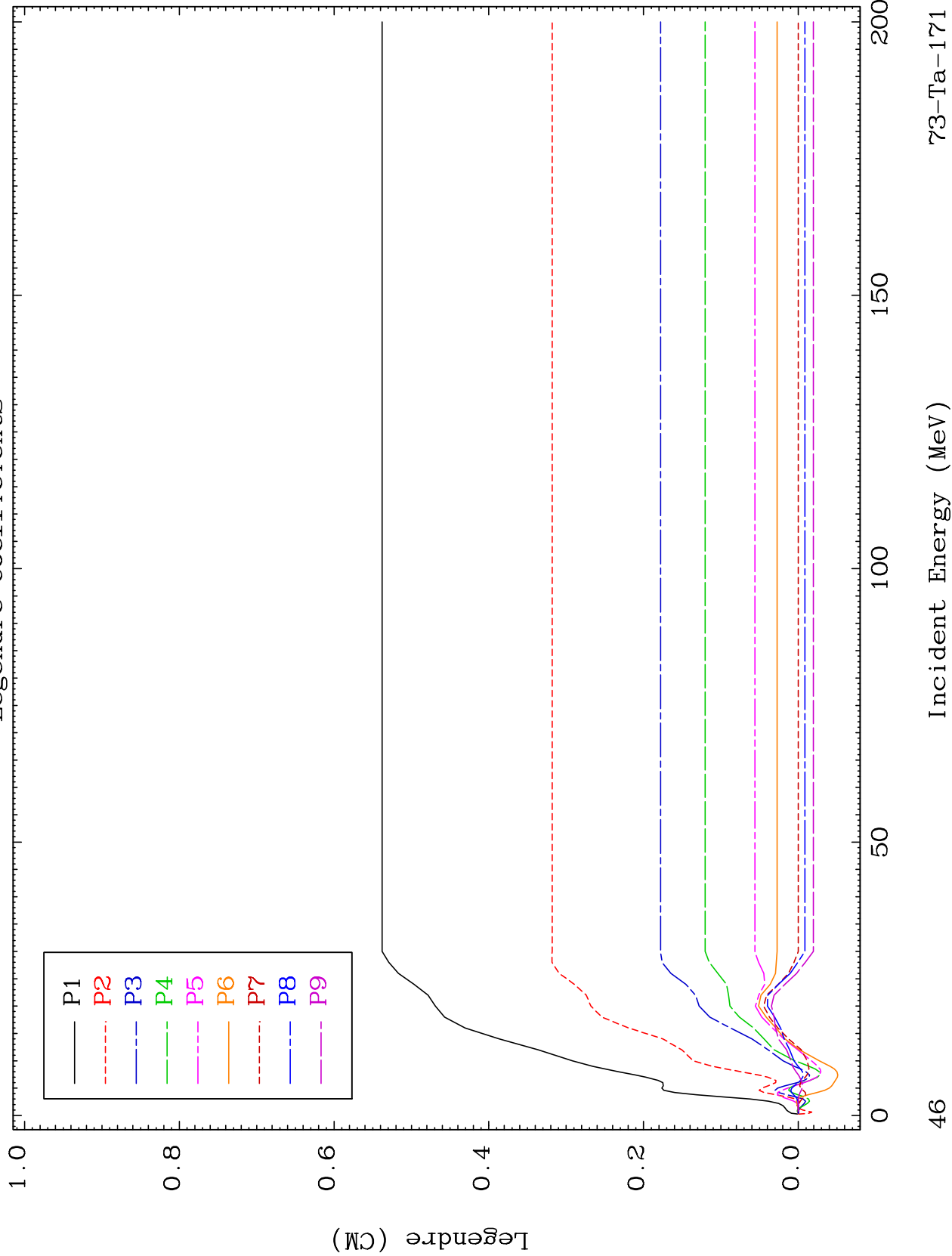




MAT 7298

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

73-Ta-171



46

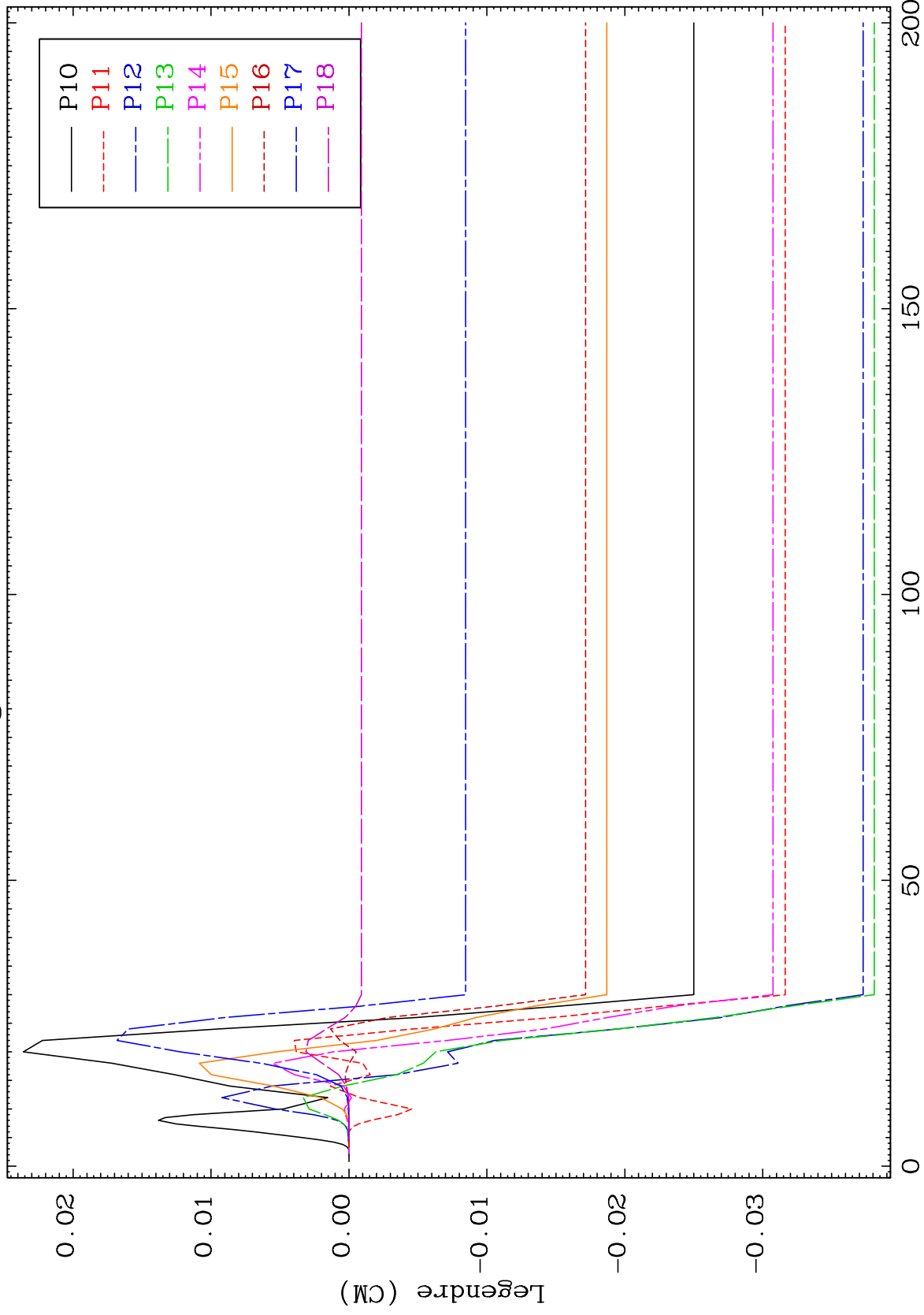
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



47

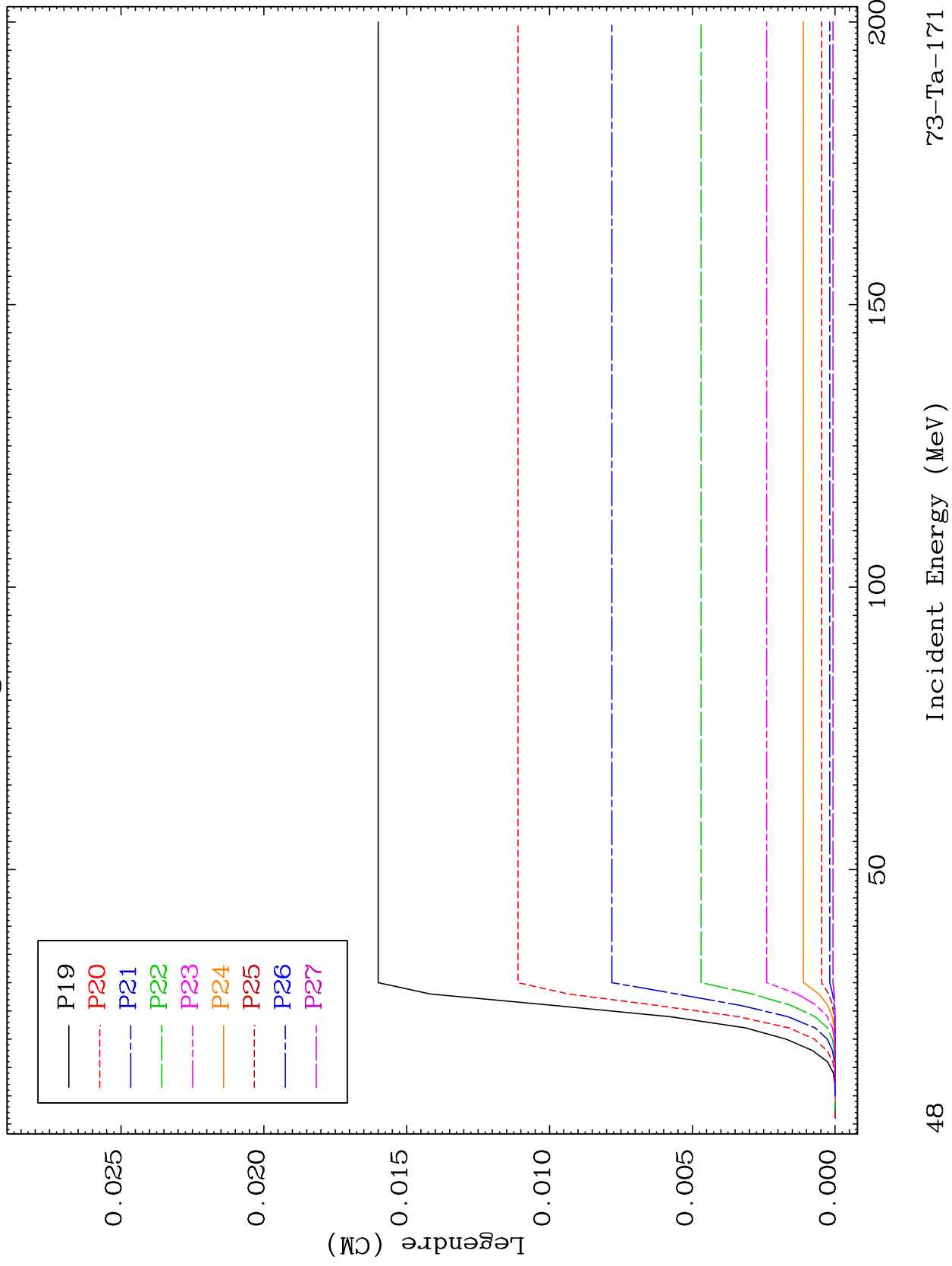
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



48

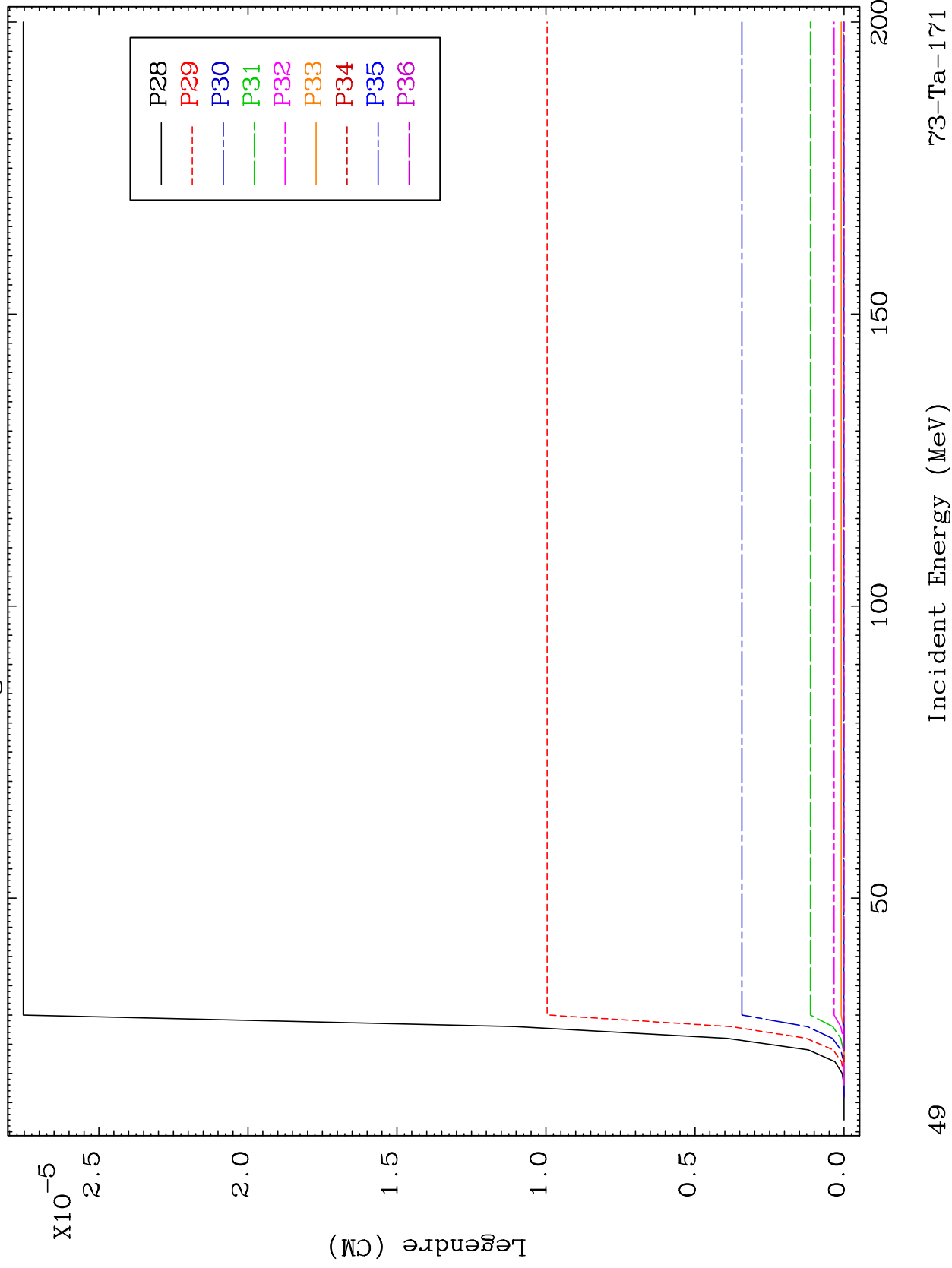
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73-Ta-171

MAT 7298

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

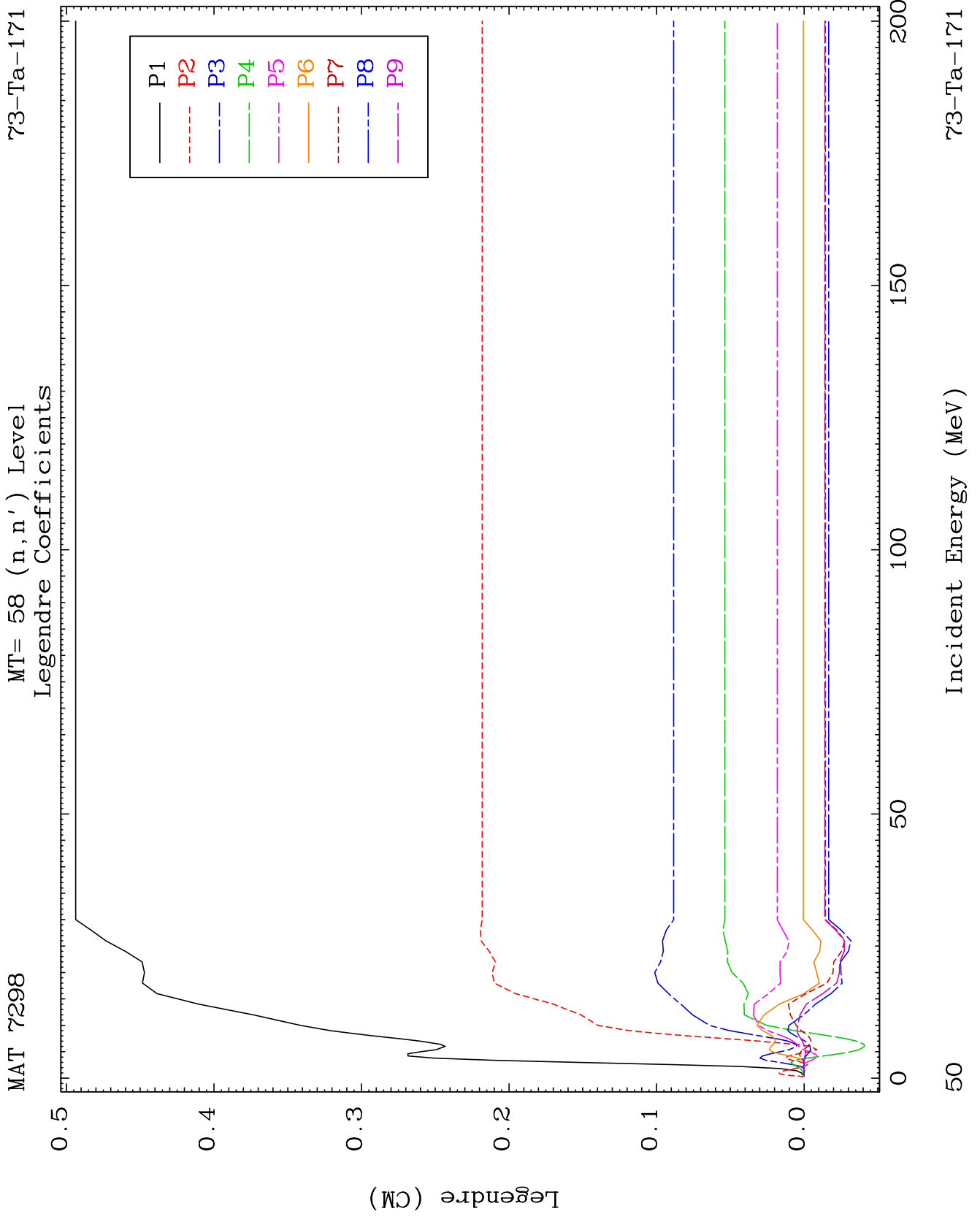
73-Ta-171



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Incident Energy (MeV)

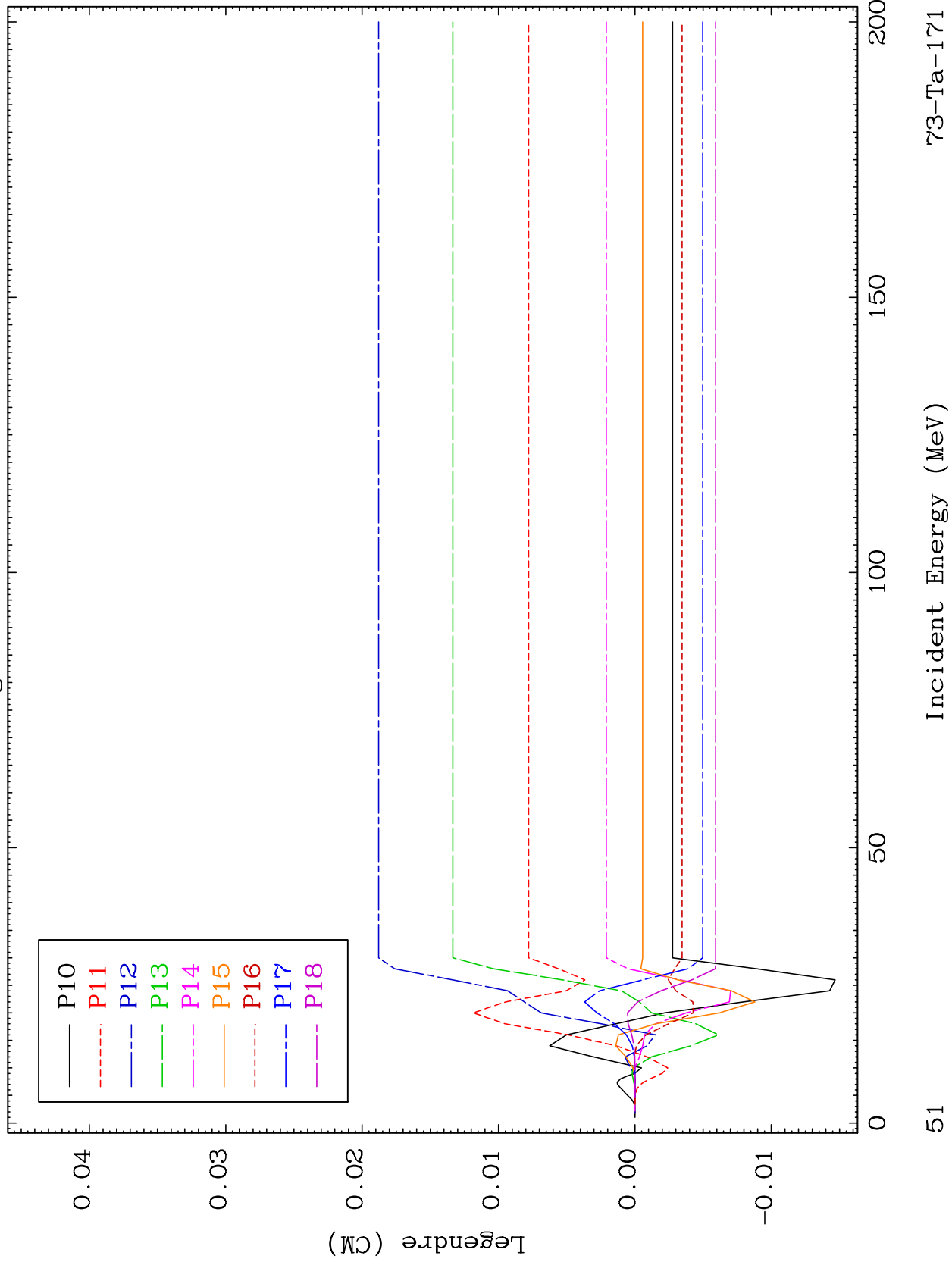
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MAT 7298

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

73-Ta-171



51

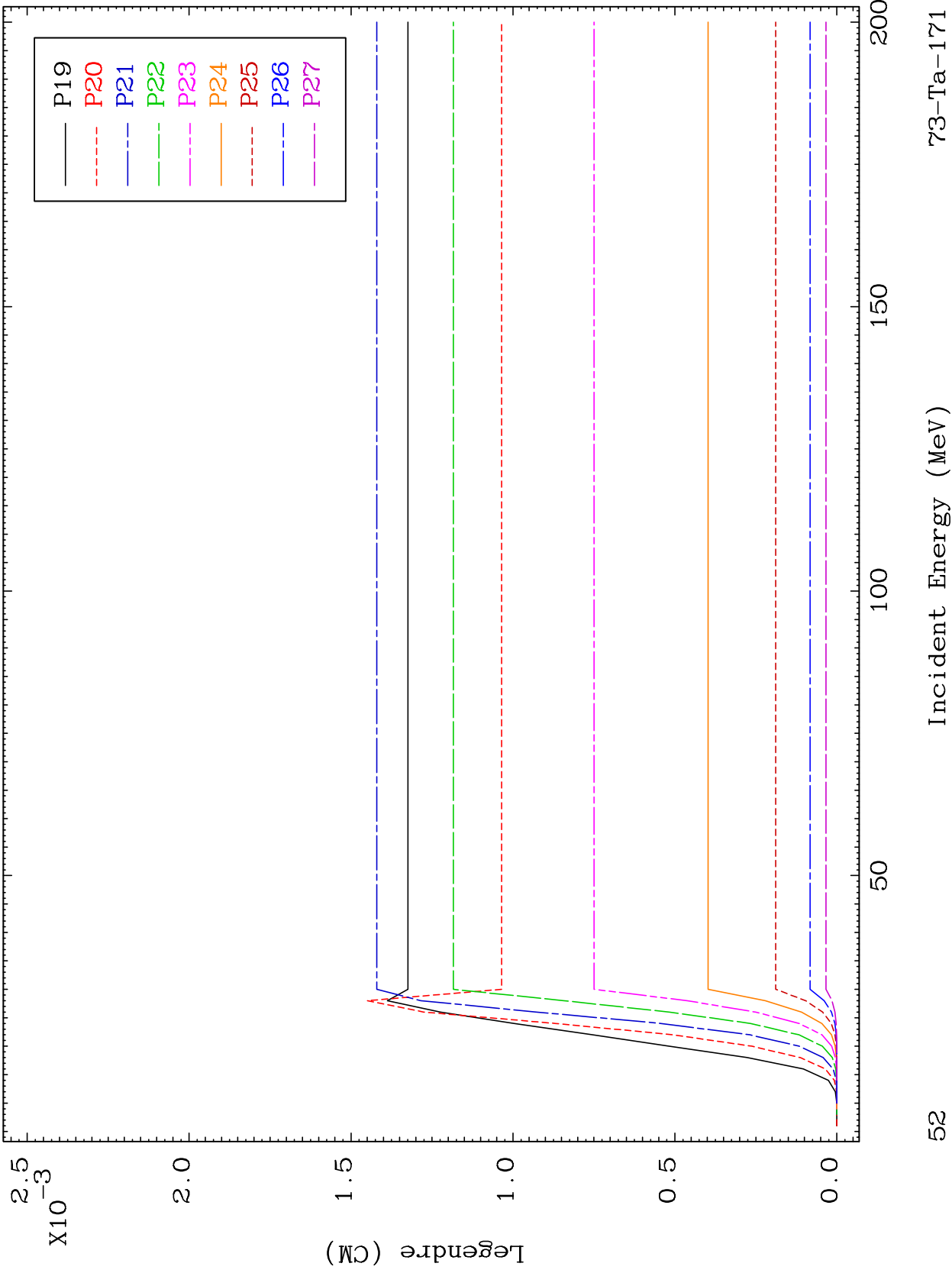
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



52

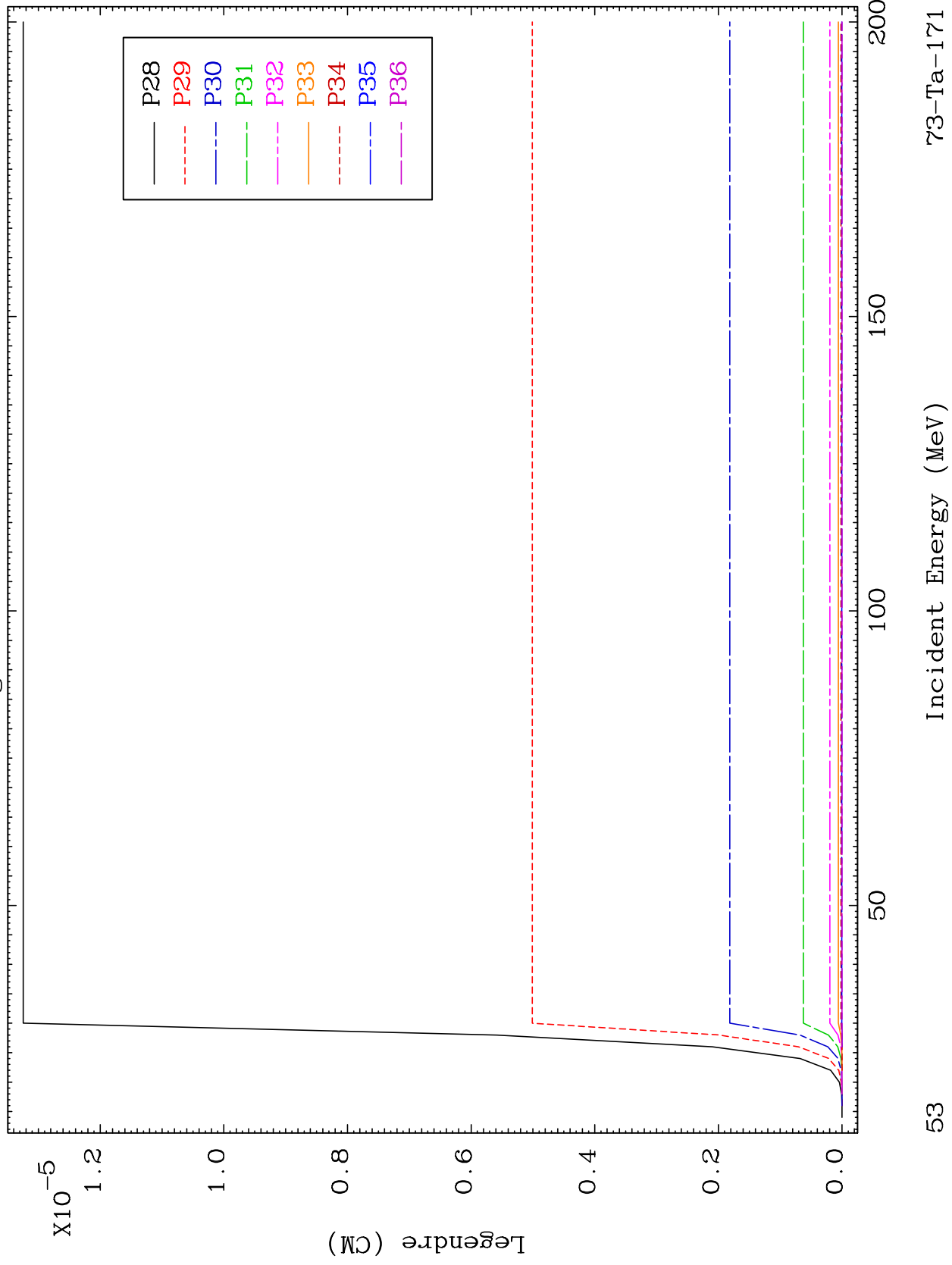
Incident Energy (MeV)

73-Ta-171

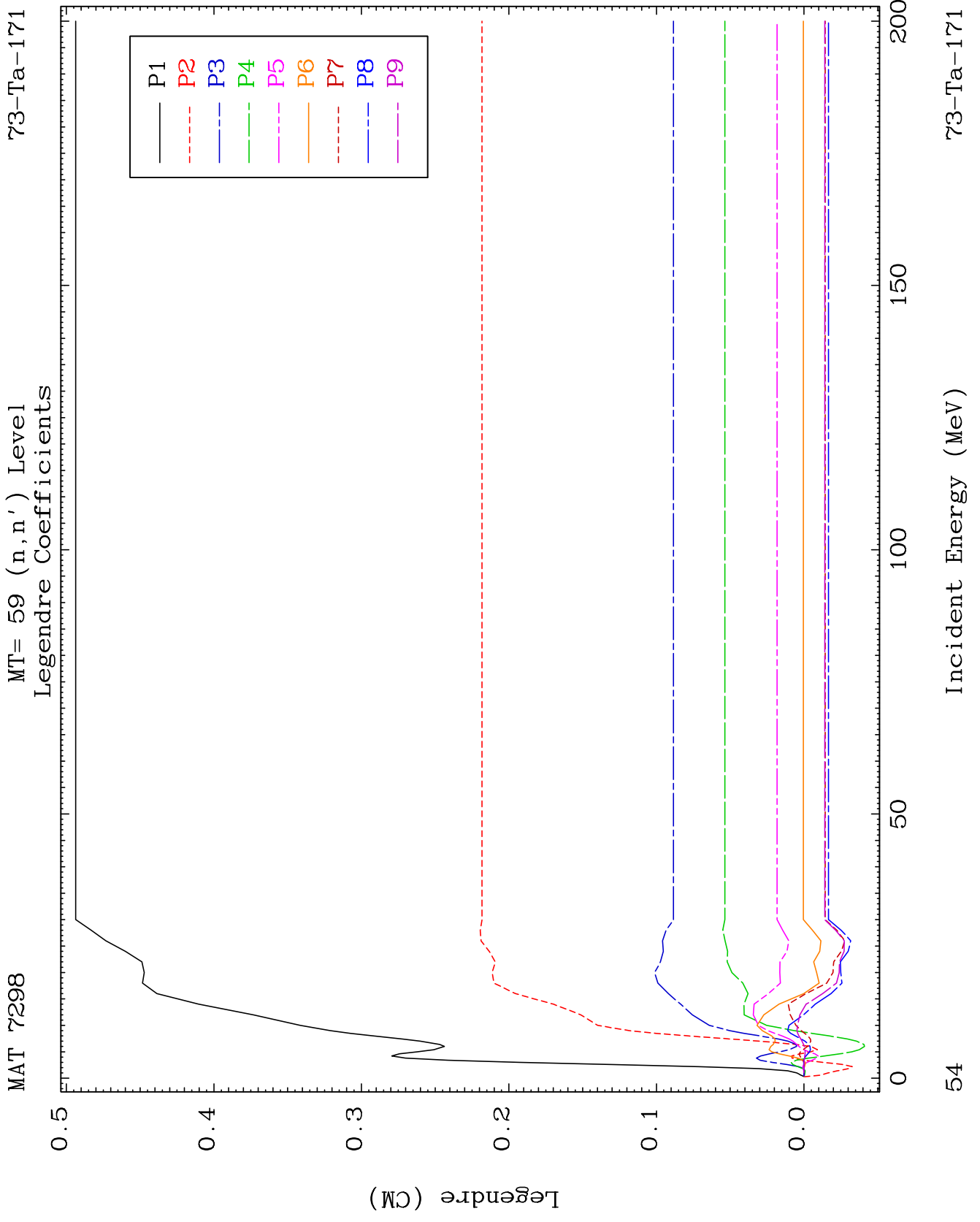
MAT 7298

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

73-Ta-171



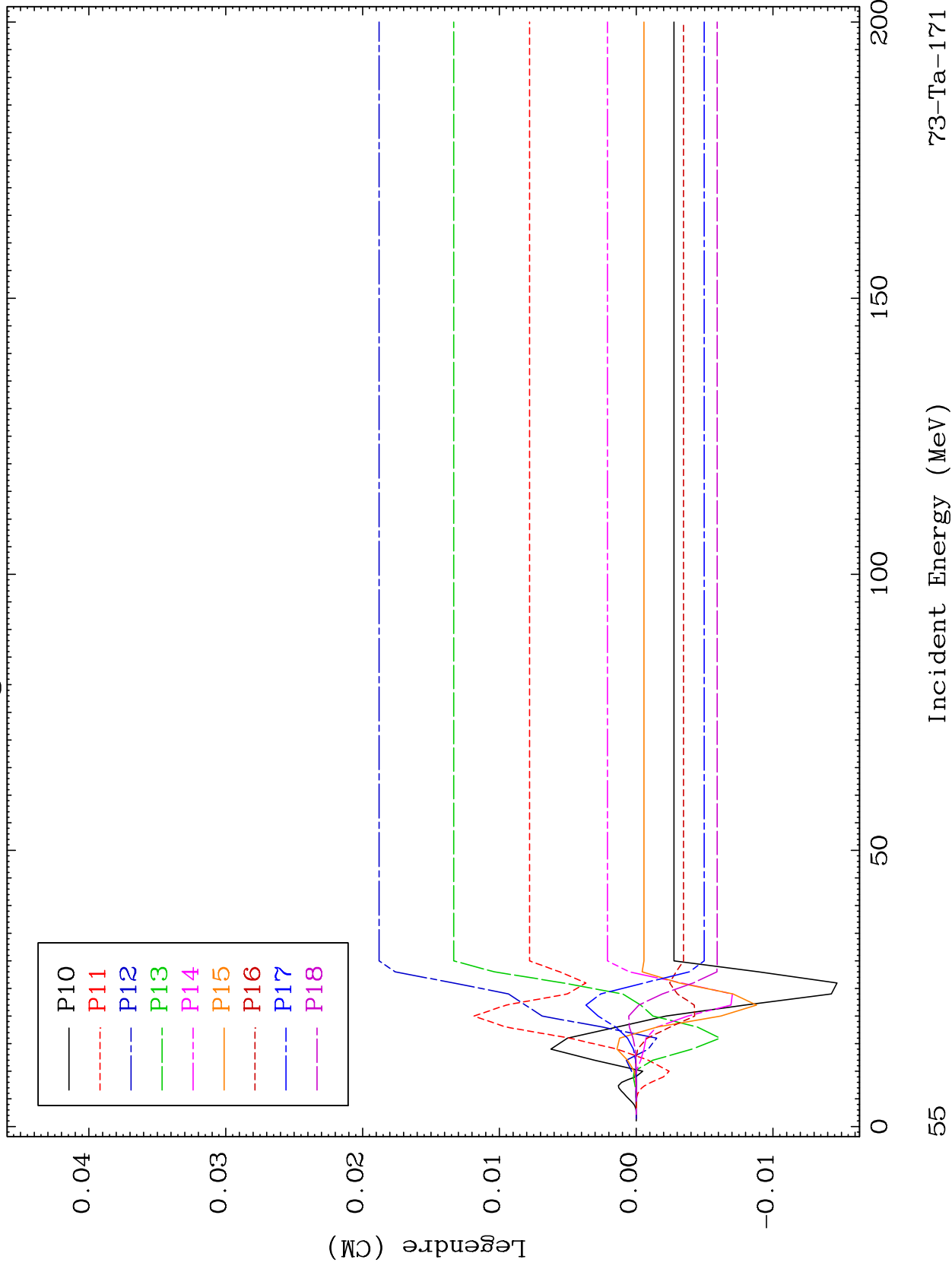
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MAT 7298

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

73-Ta-171



55

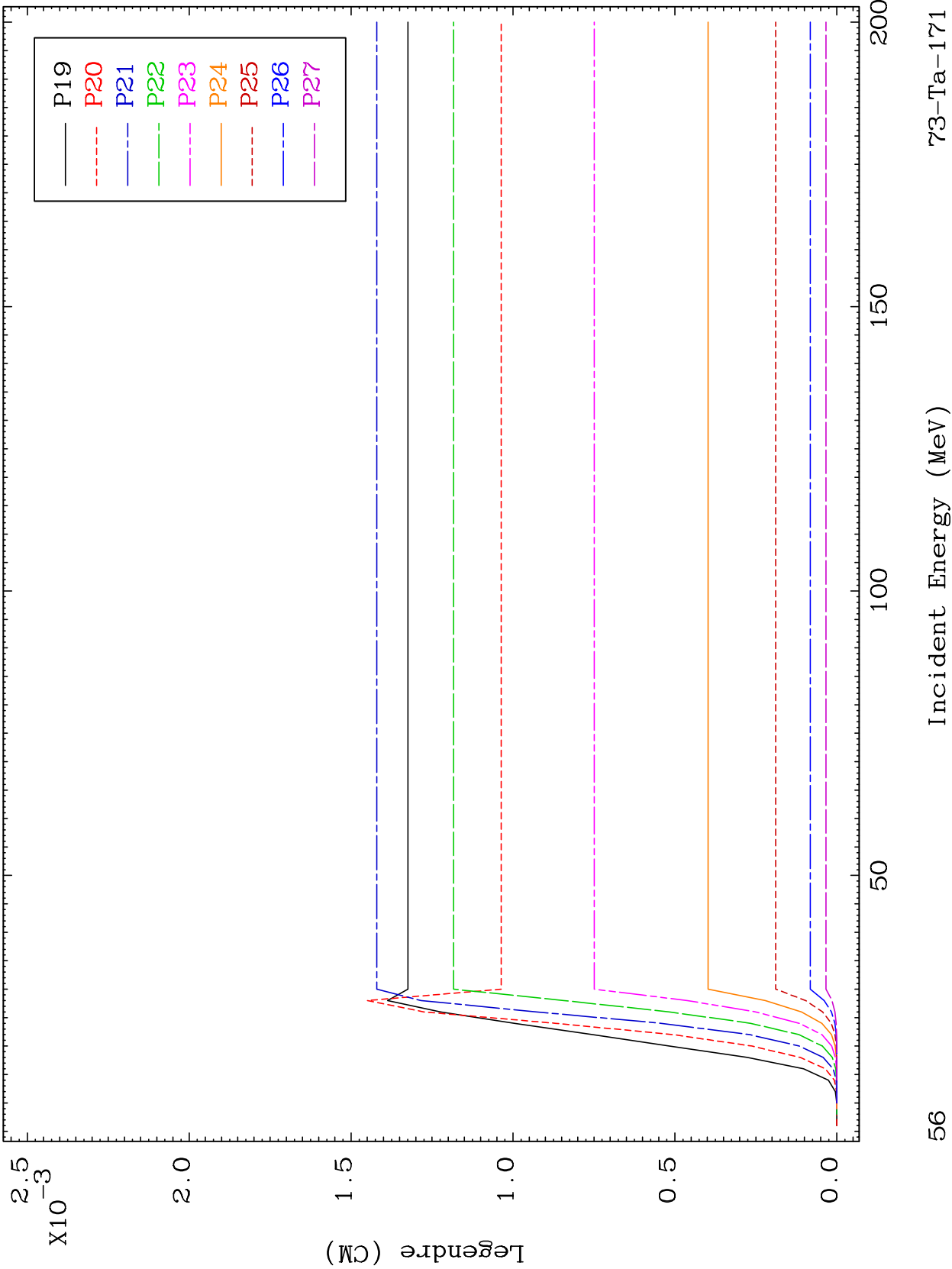
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



56

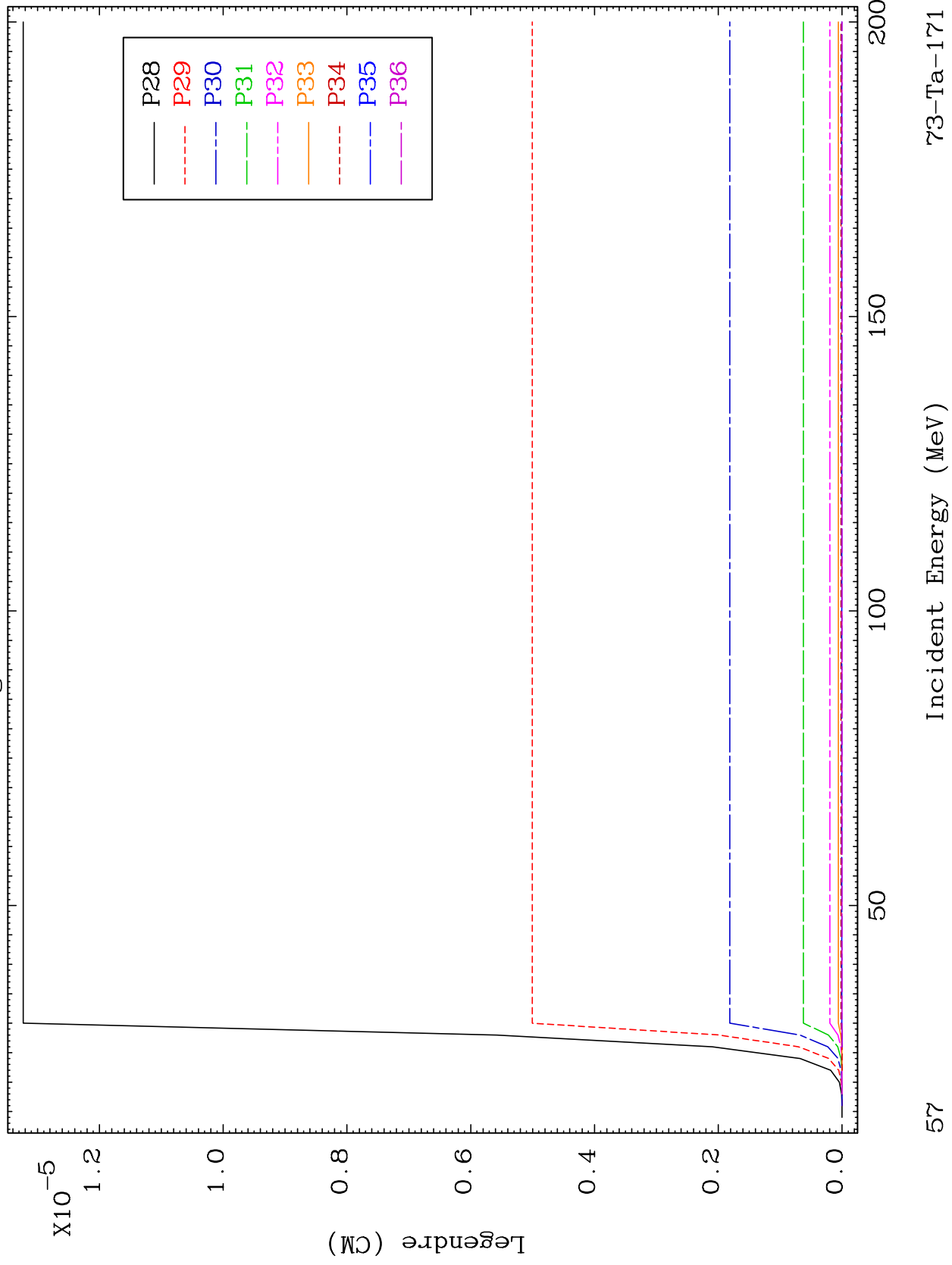
Incident Energy (MeV)

73-Ta-171

MAT 7298

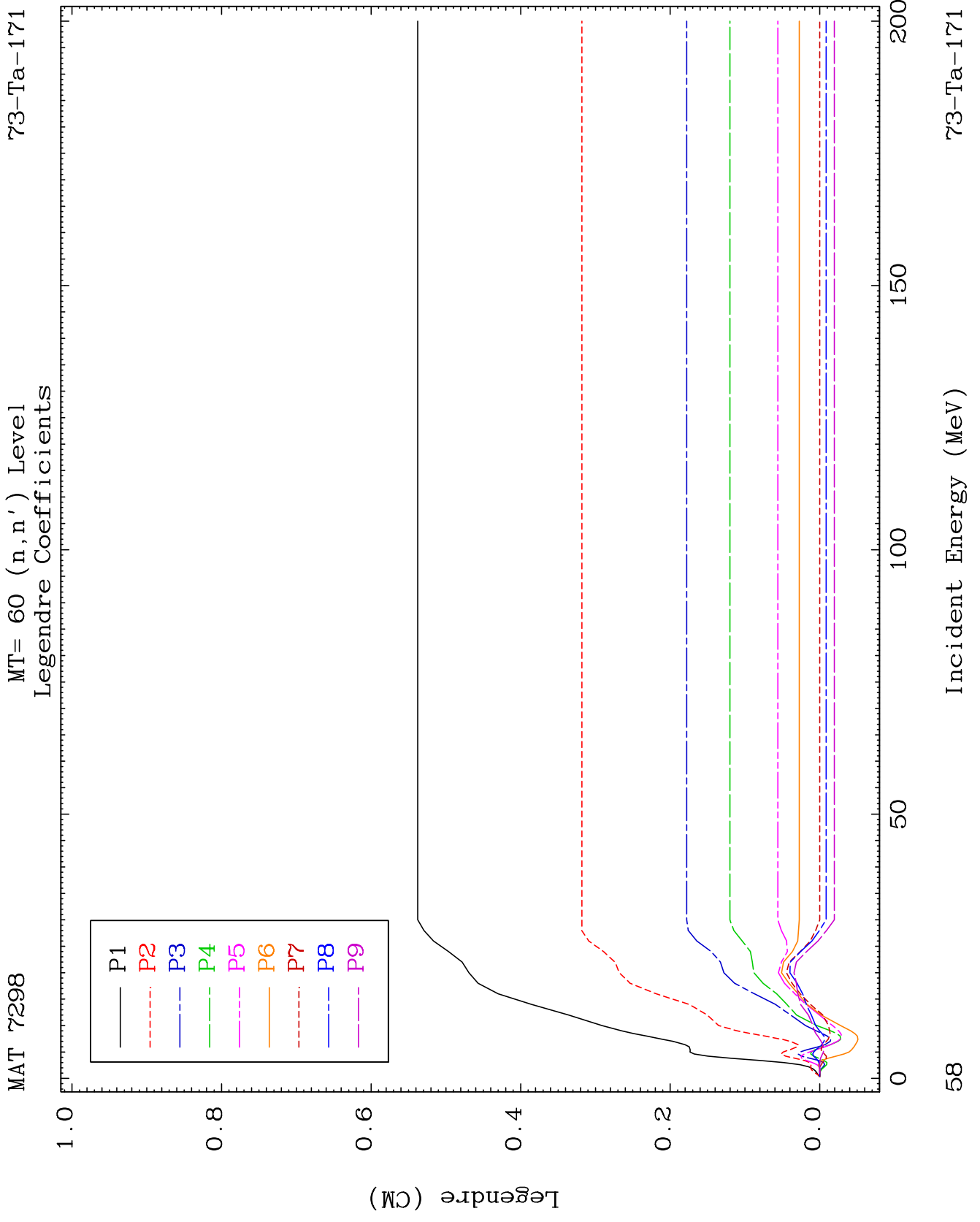
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Legendre Coefficients

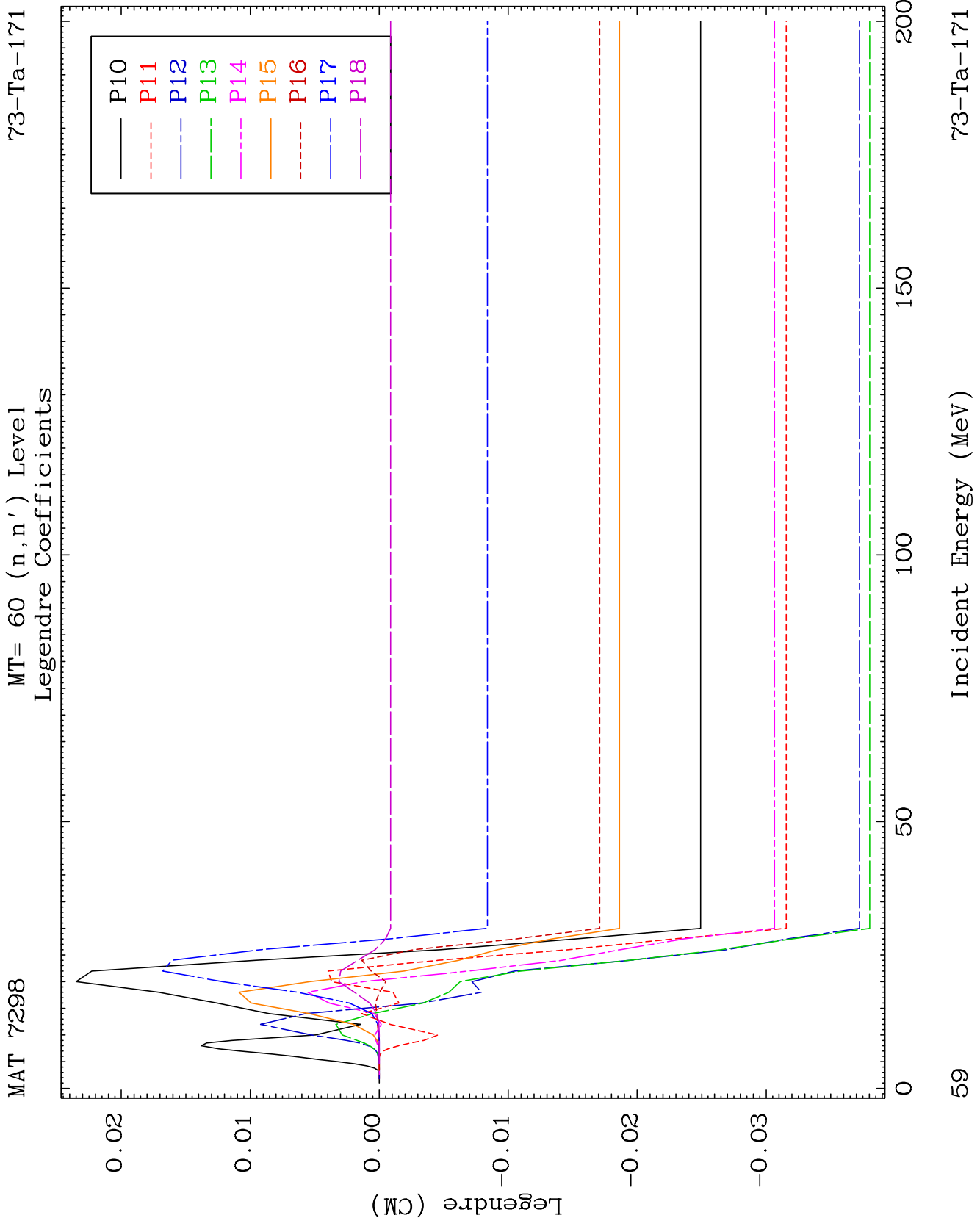
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57

73-Ta-171

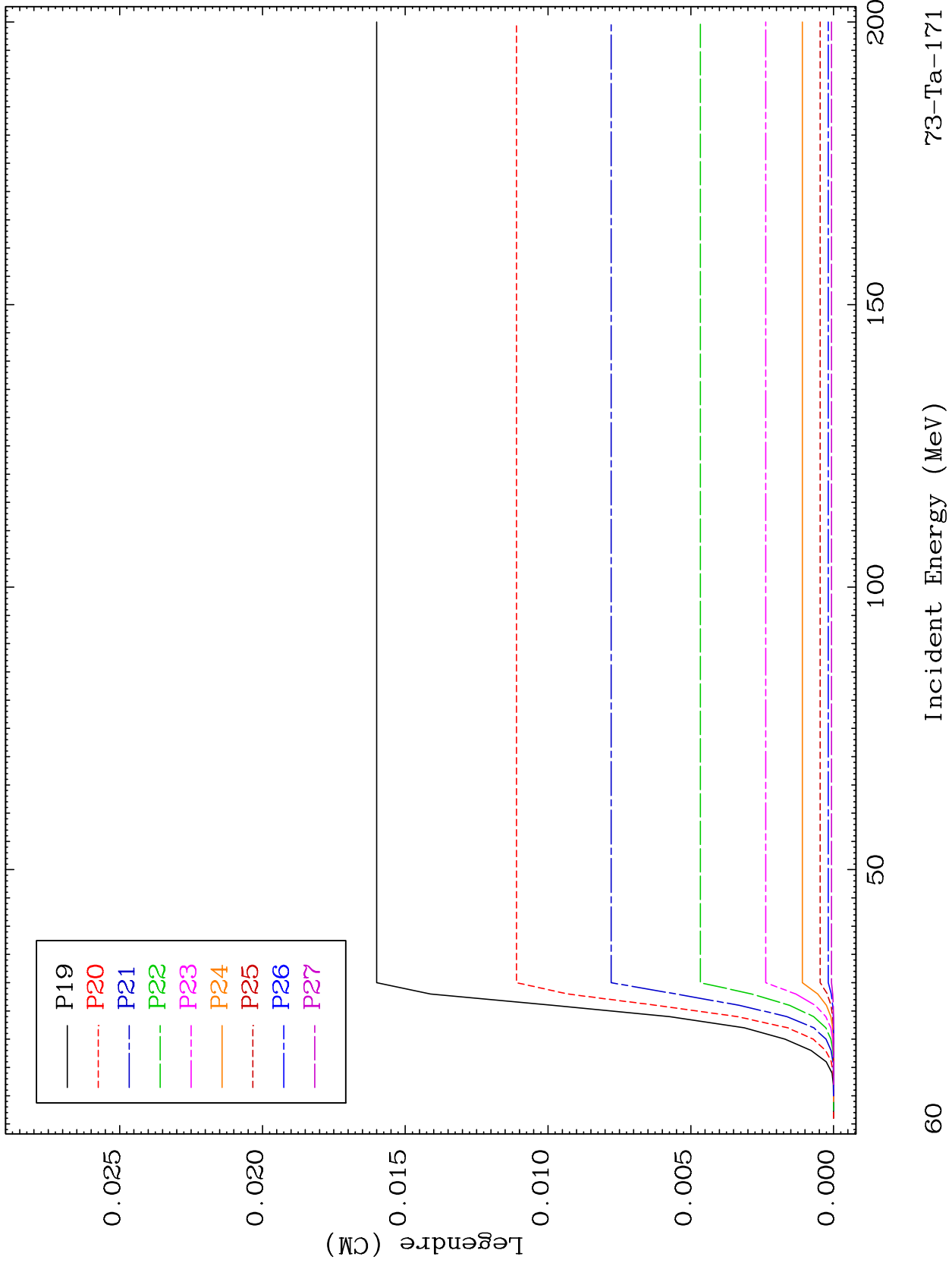




MAT 7298

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

73-Ta-171



60

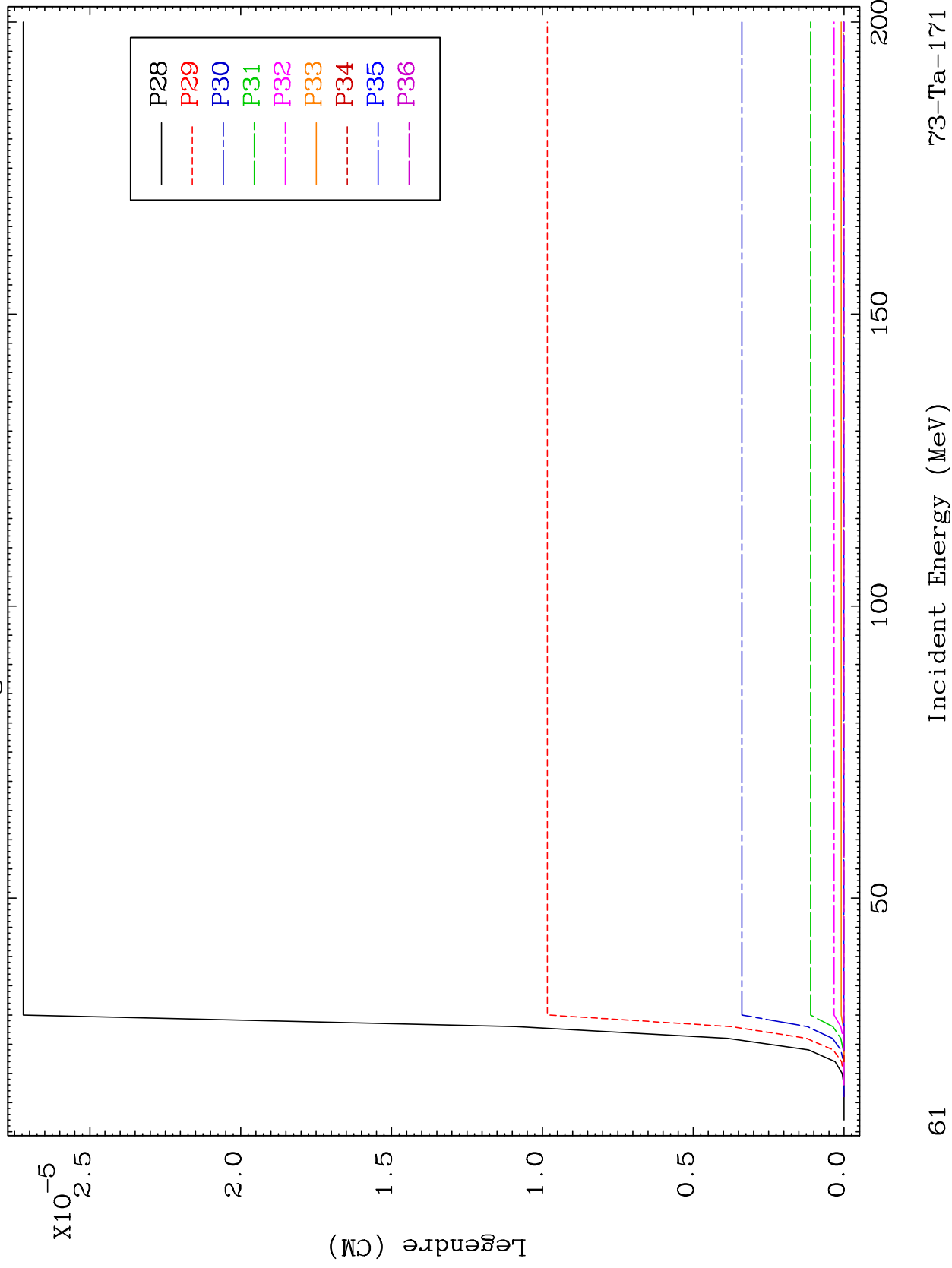
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

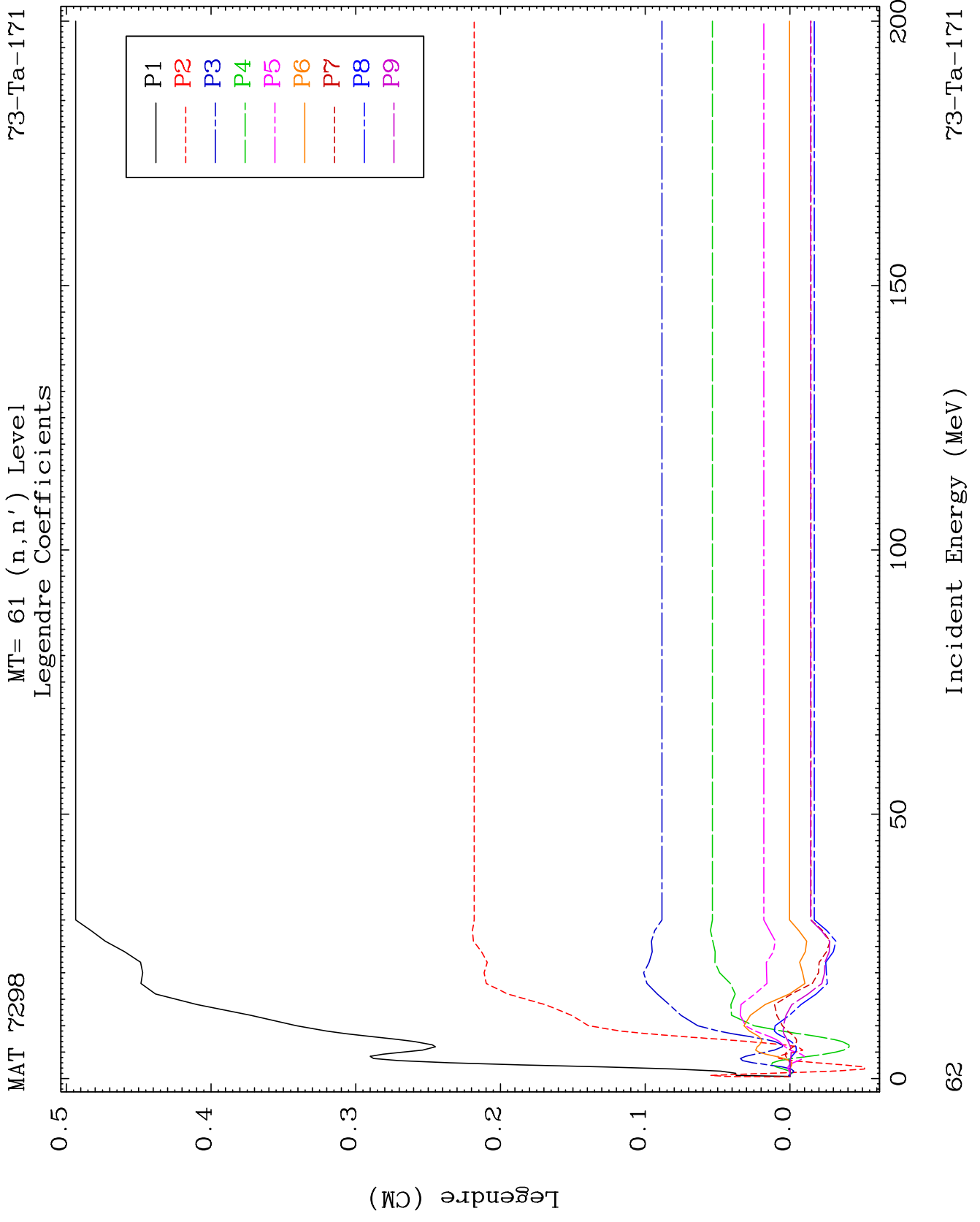
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Incident Energy (MeV)

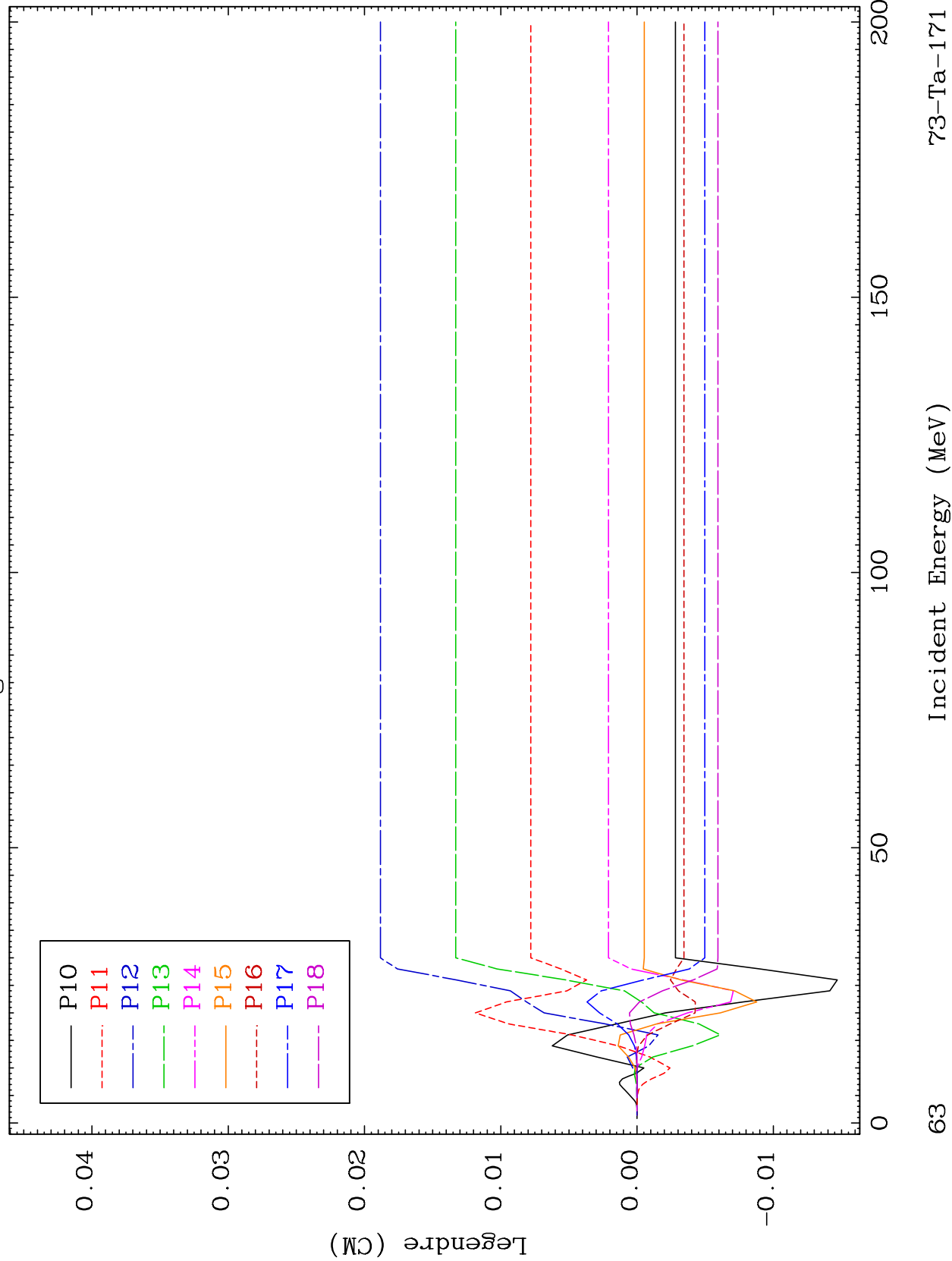
73-Ta-171



MAT 7298

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

73-Ta-171



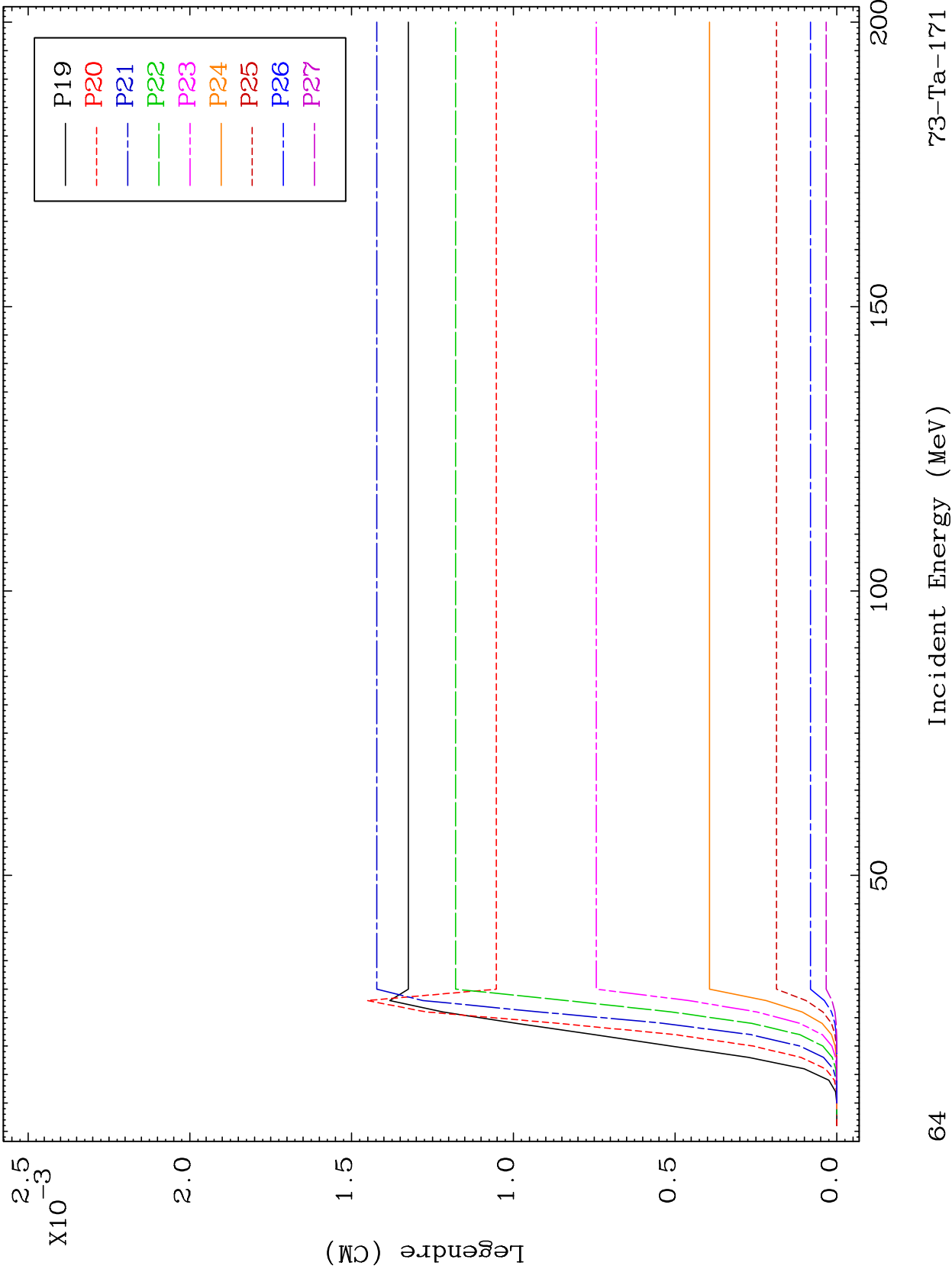
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73-Ta-171

MAT 7298

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

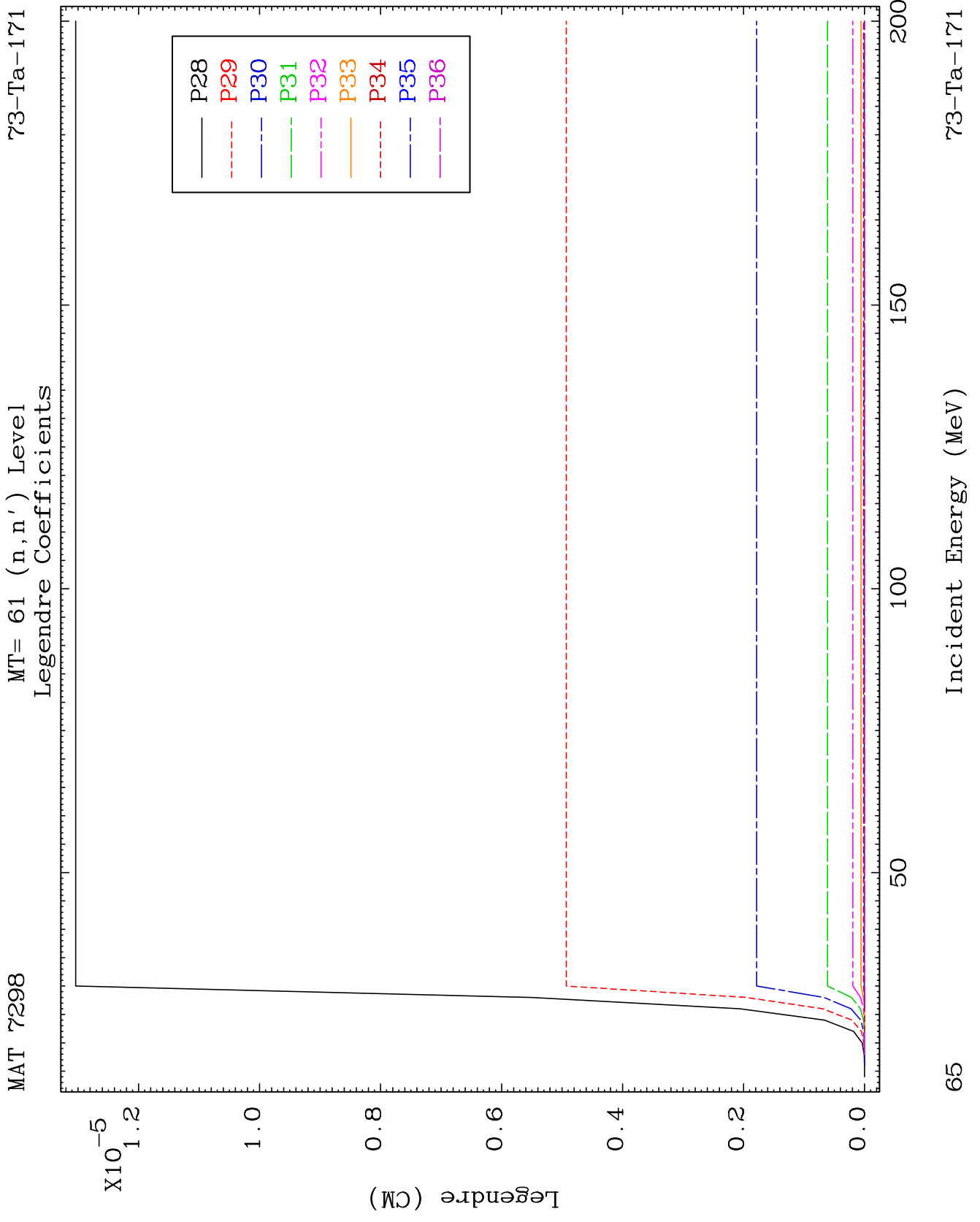
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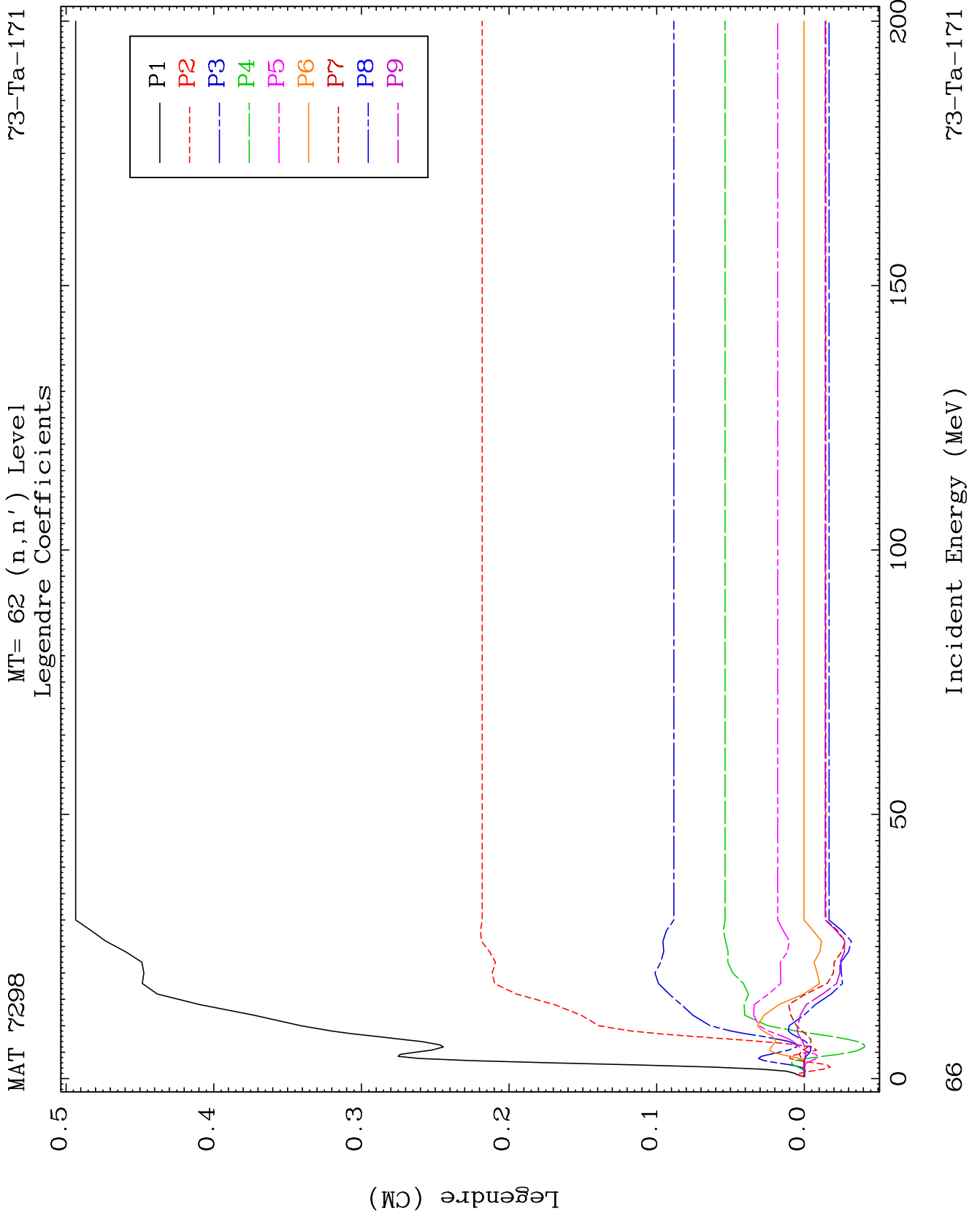


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Incident Energy (MeV)

73-Ta-171

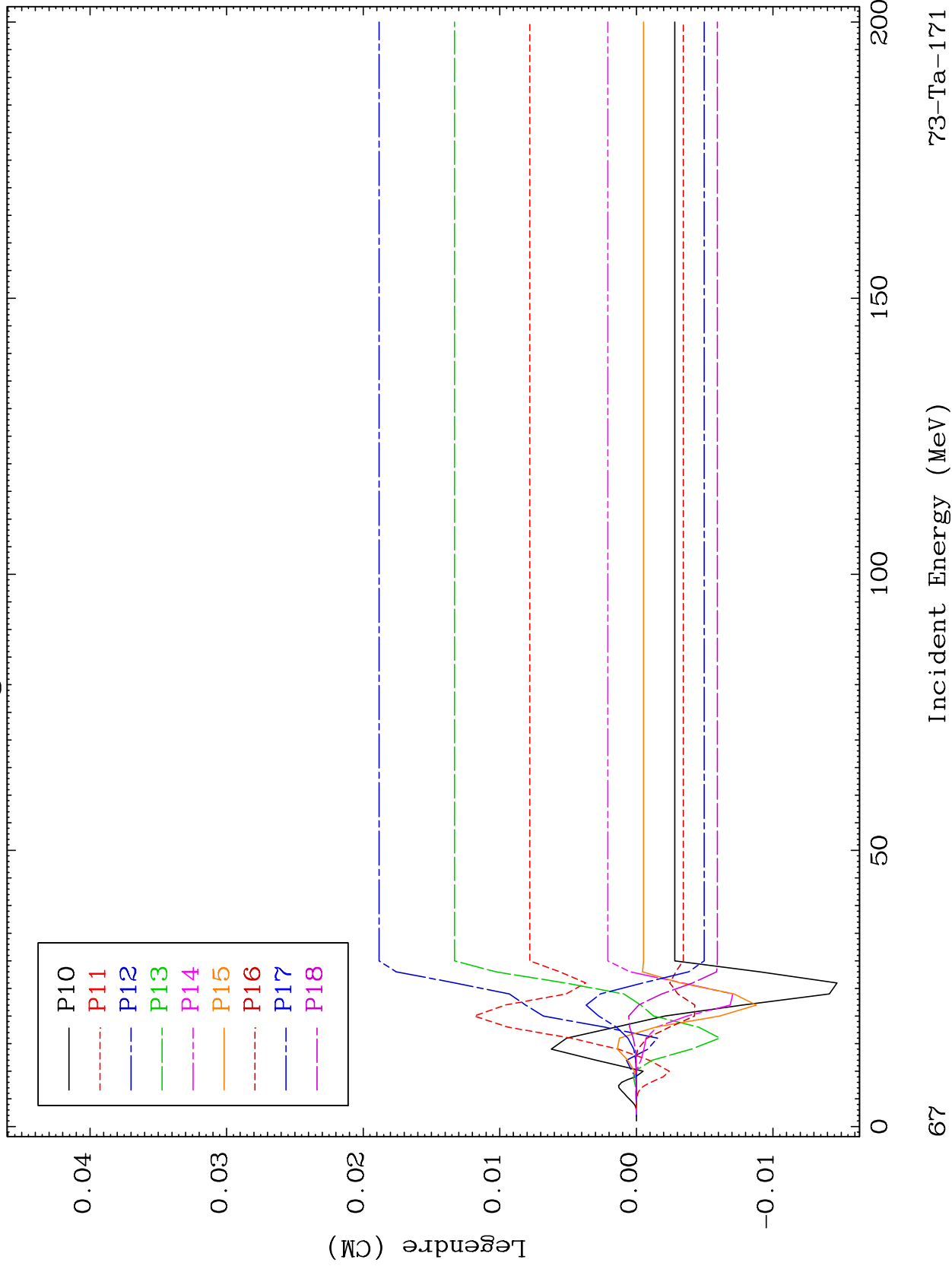




MAT 7298

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

73-Ta-171



73-Ta-171

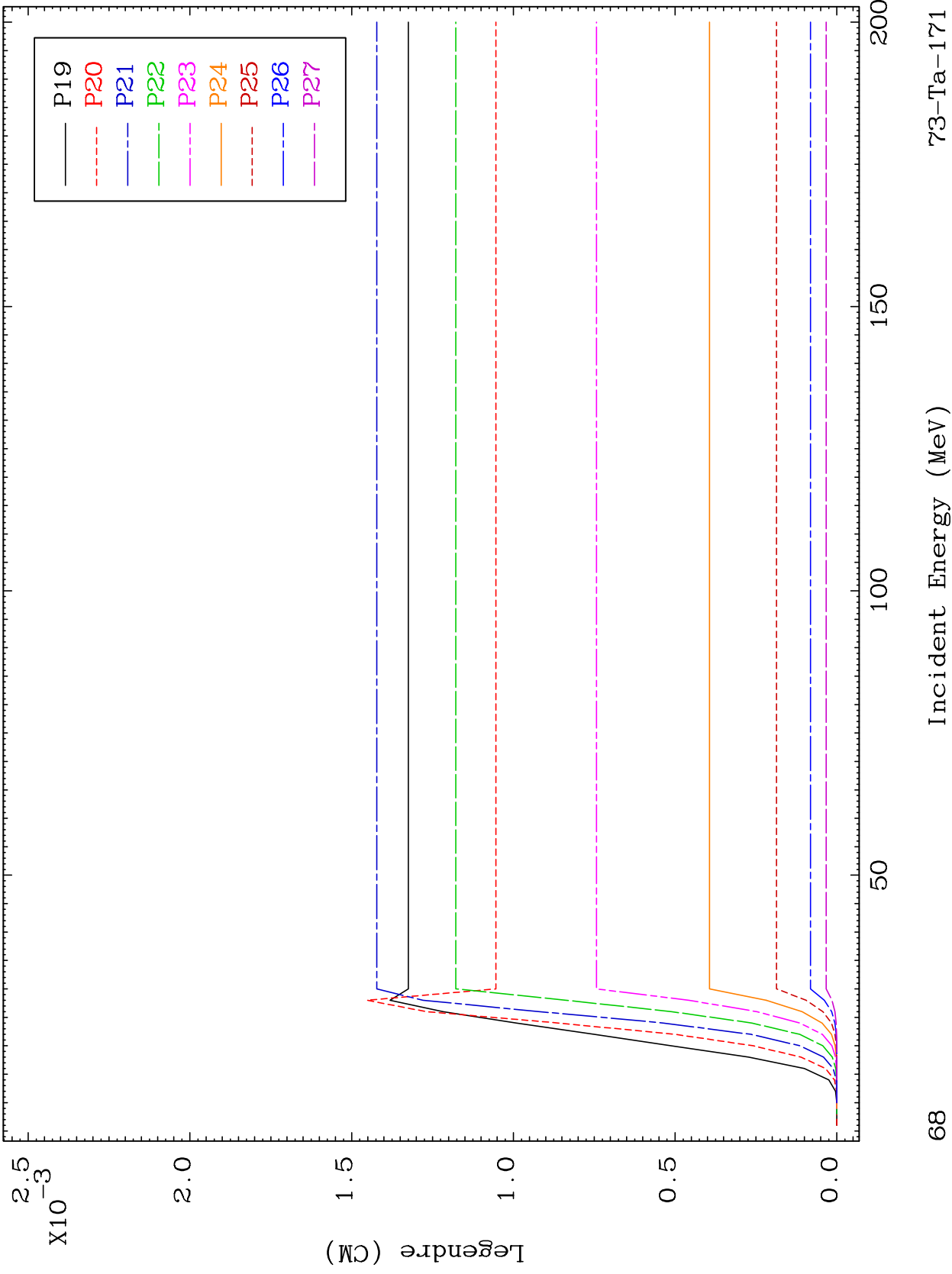
Incident Energy (MeV)

67

MAT 7298

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

73-Ta-171



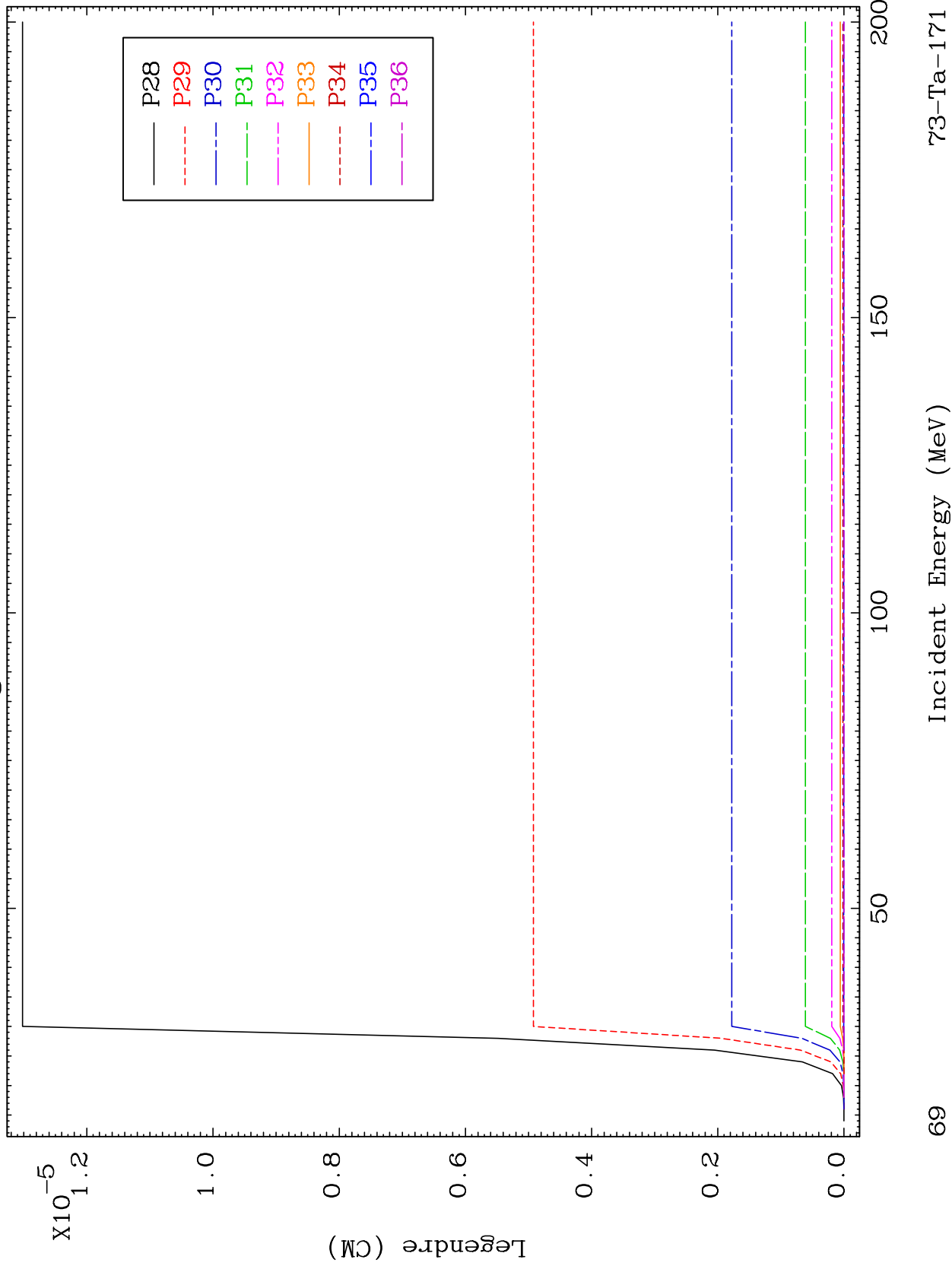
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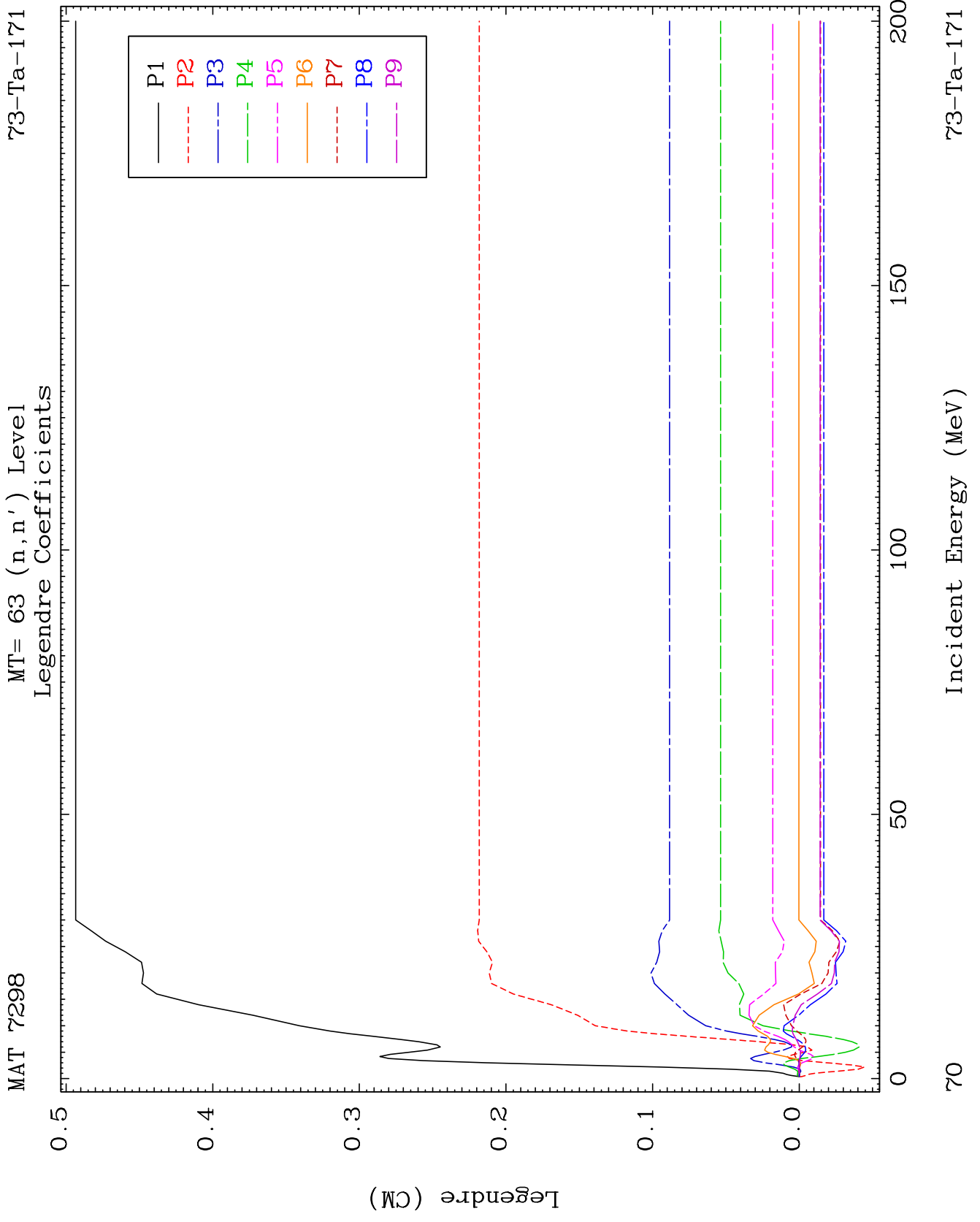
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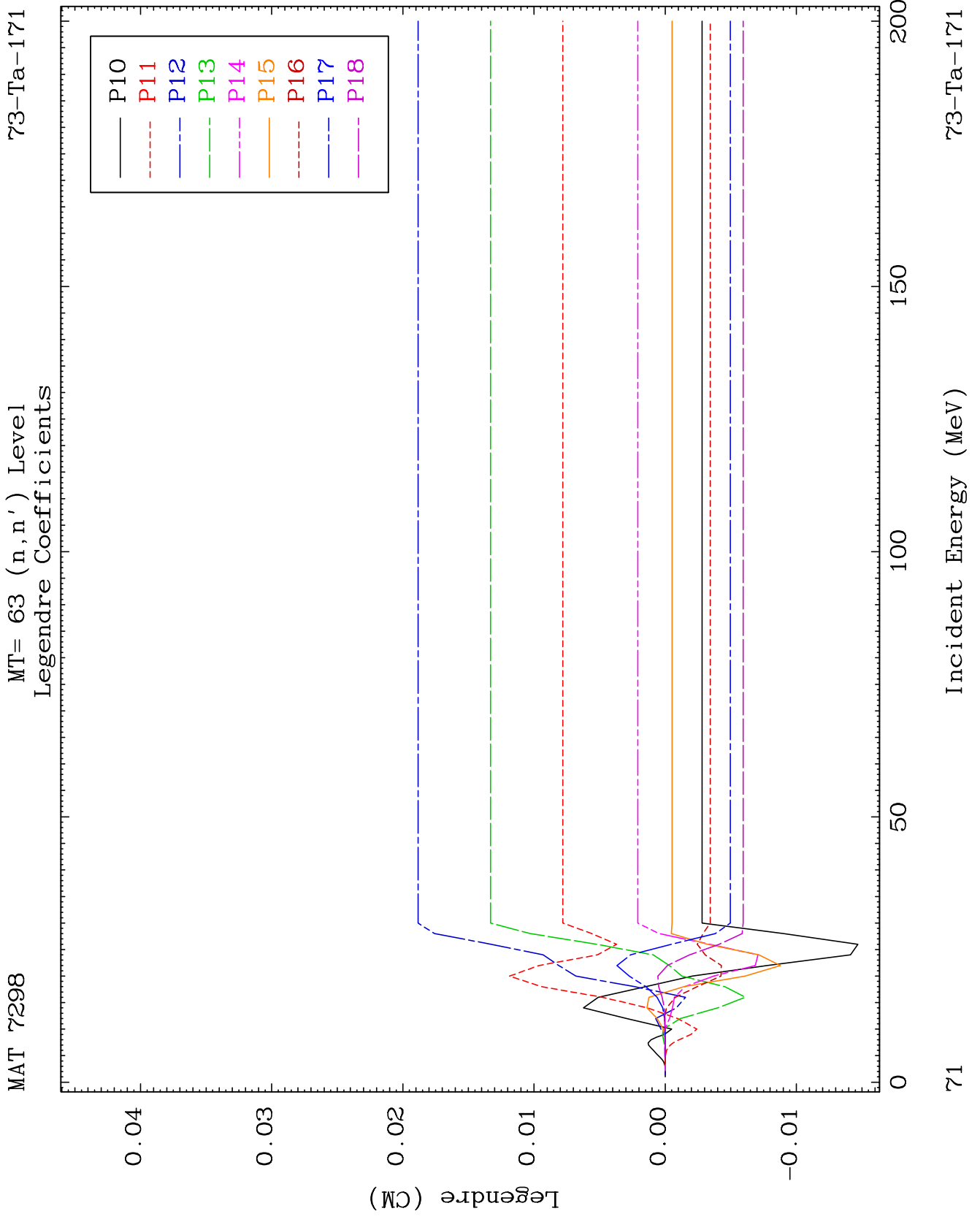
MAT 7298

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

73-Ta-171



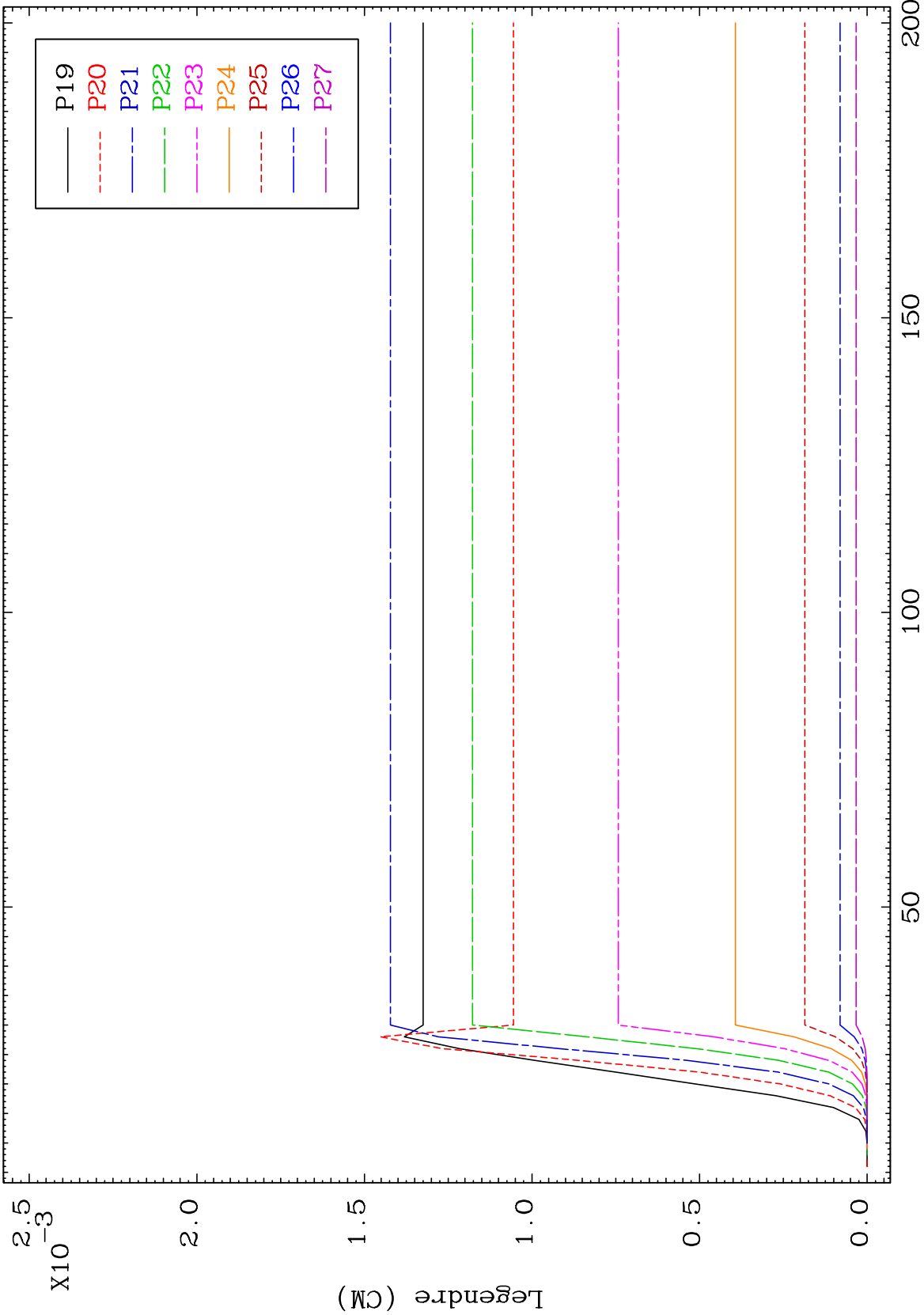




MAT 7298

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

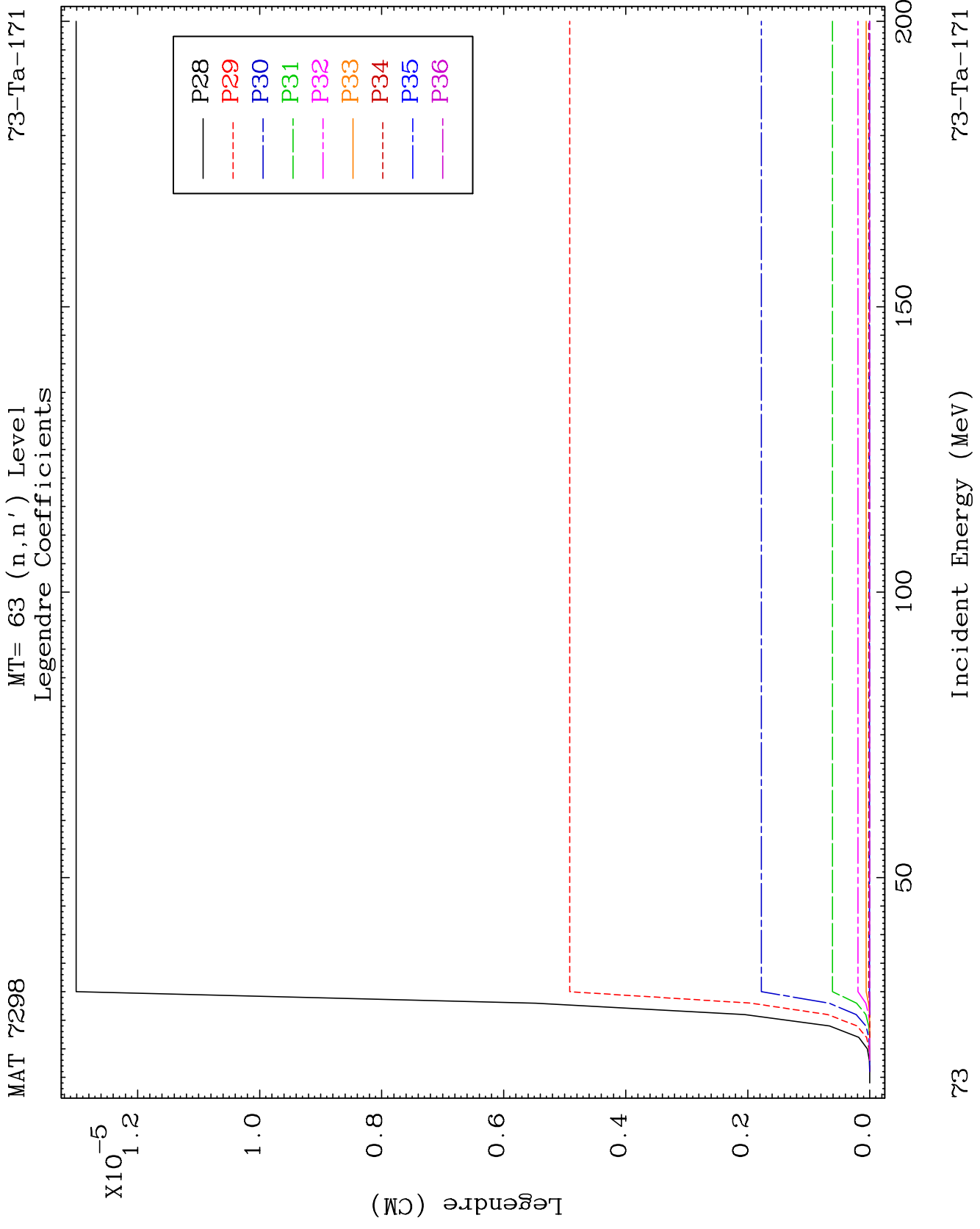
73-Ta-171

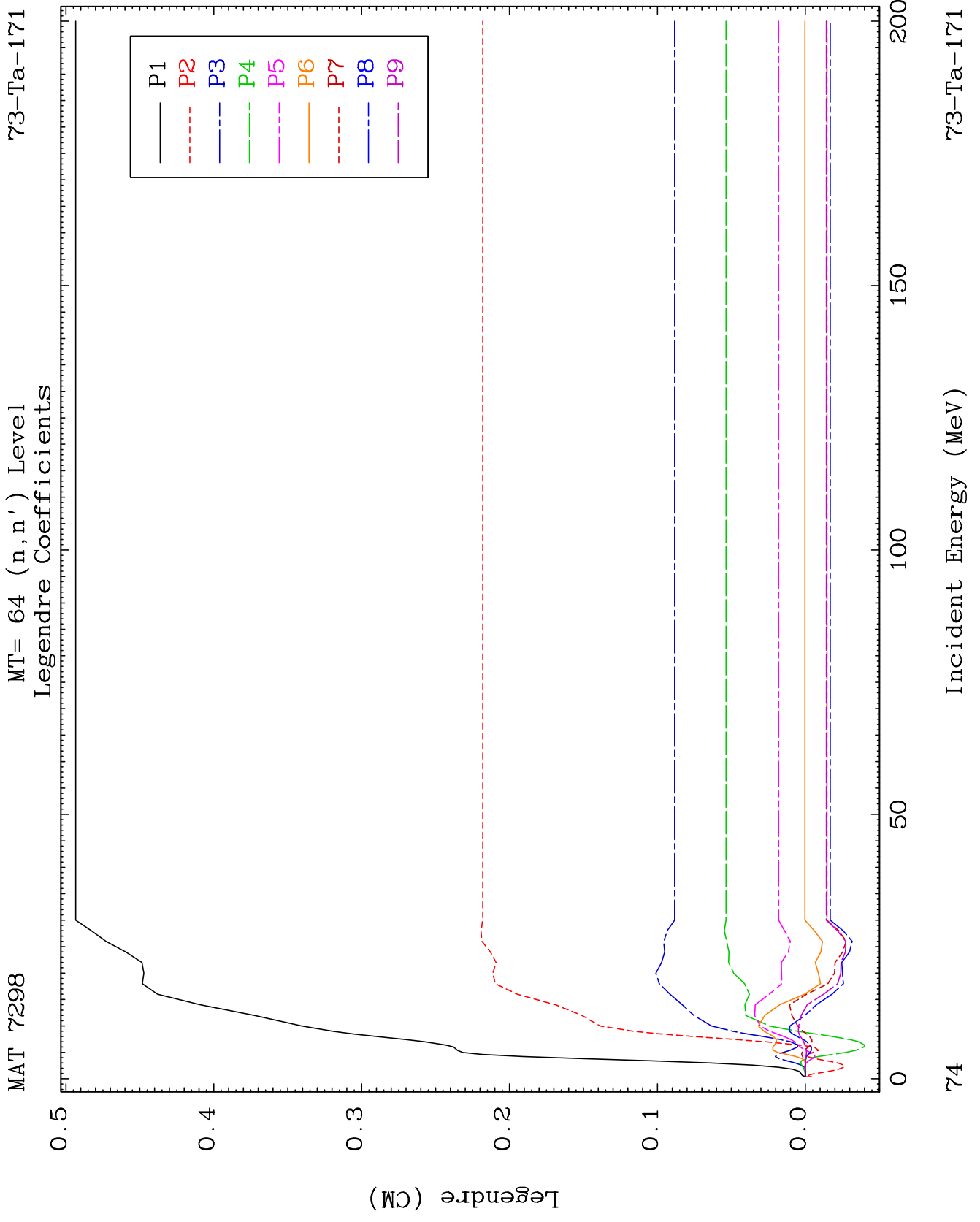


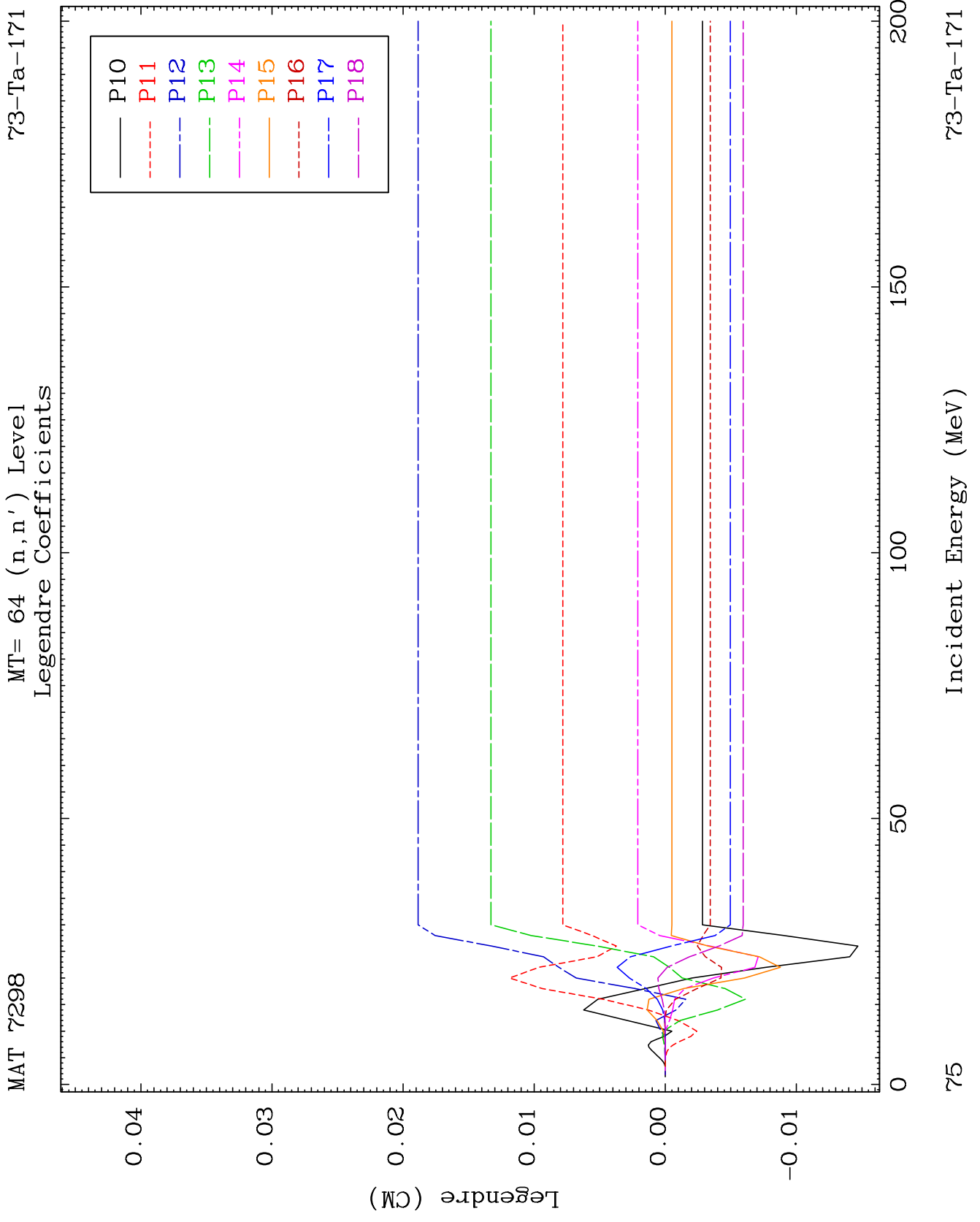
72

Incident Energy (MeV)

73-Ta-171



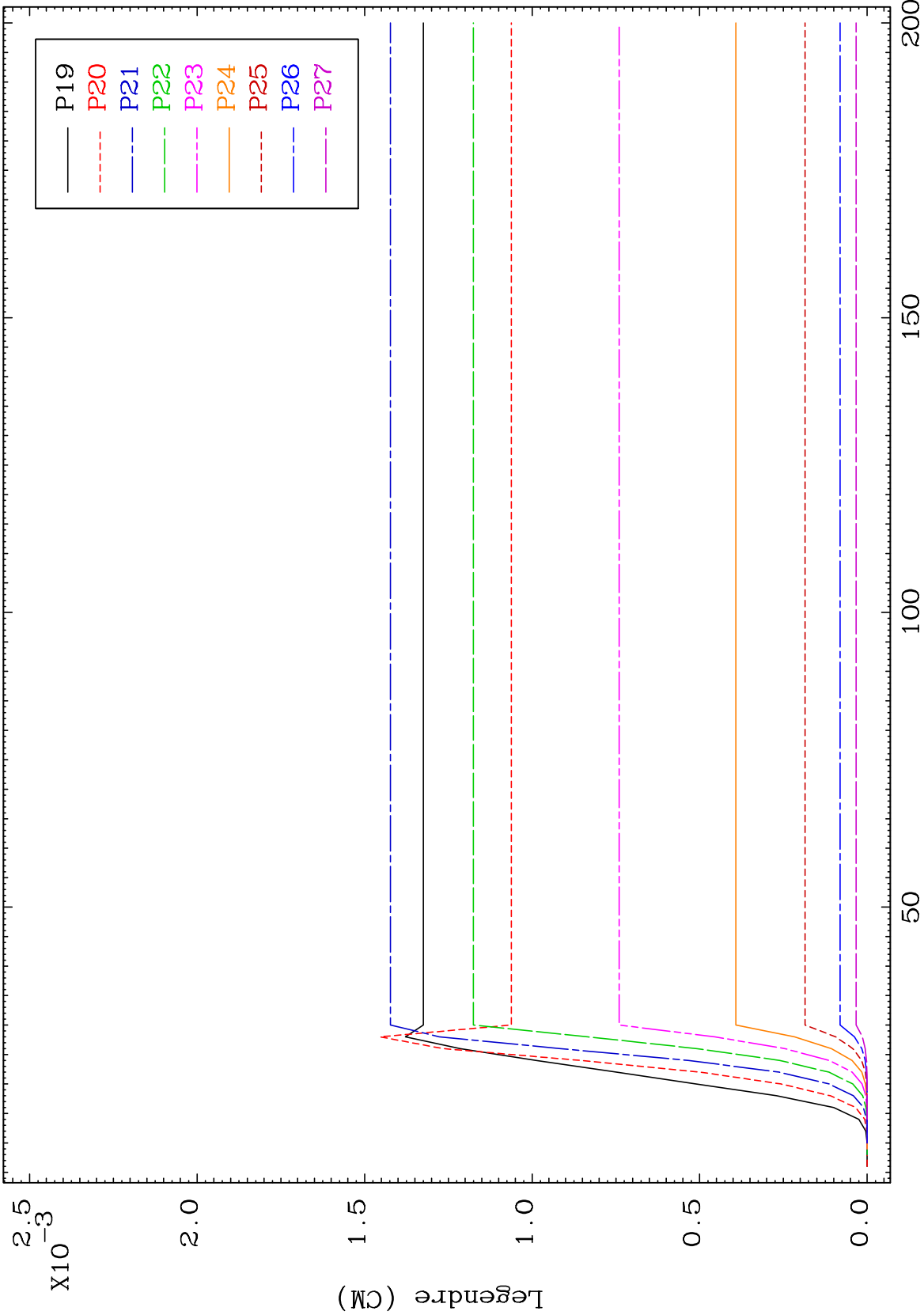




MAT 7298

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

73-Ta-171



76

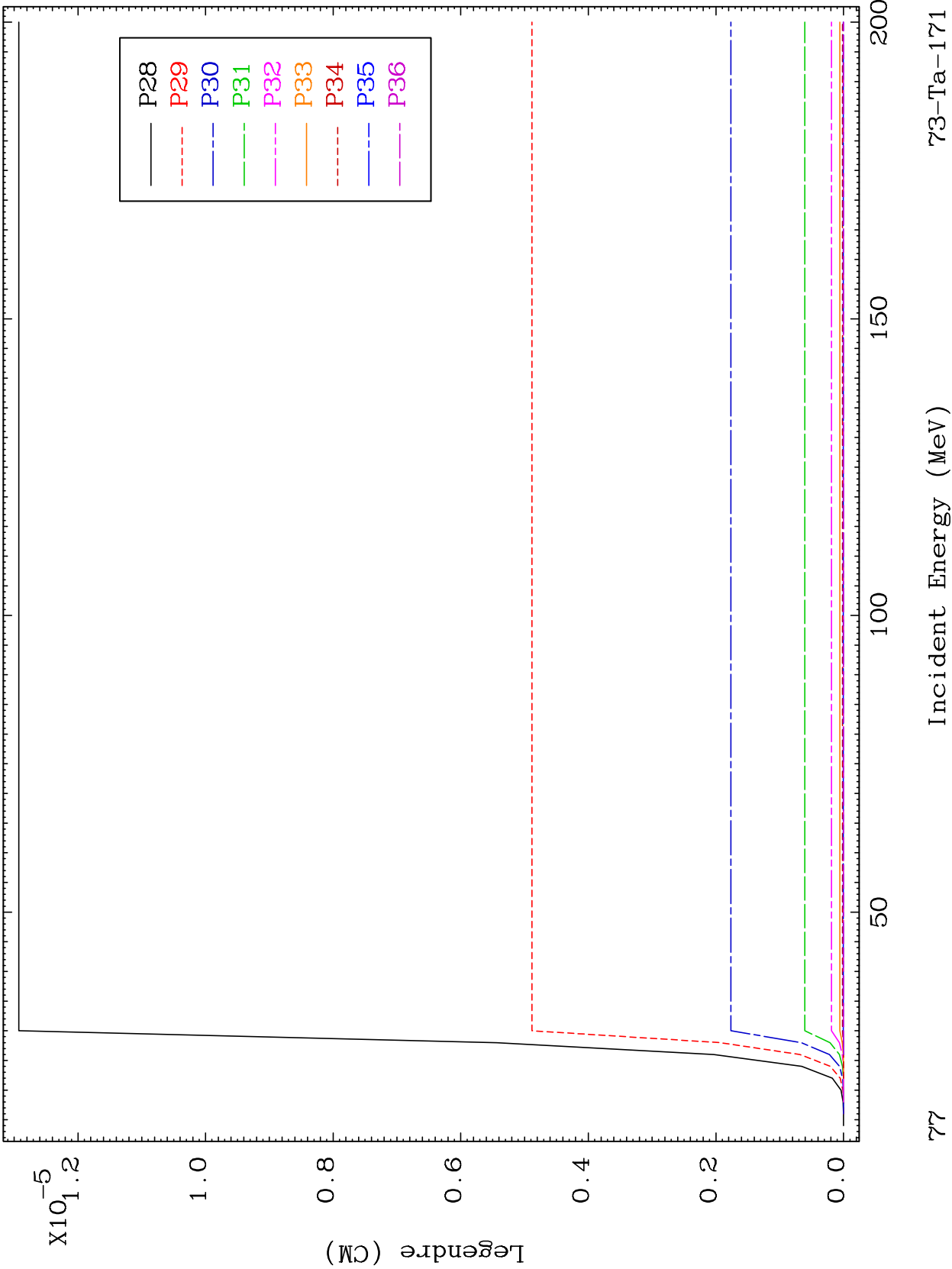
Incident Energy (MeV)

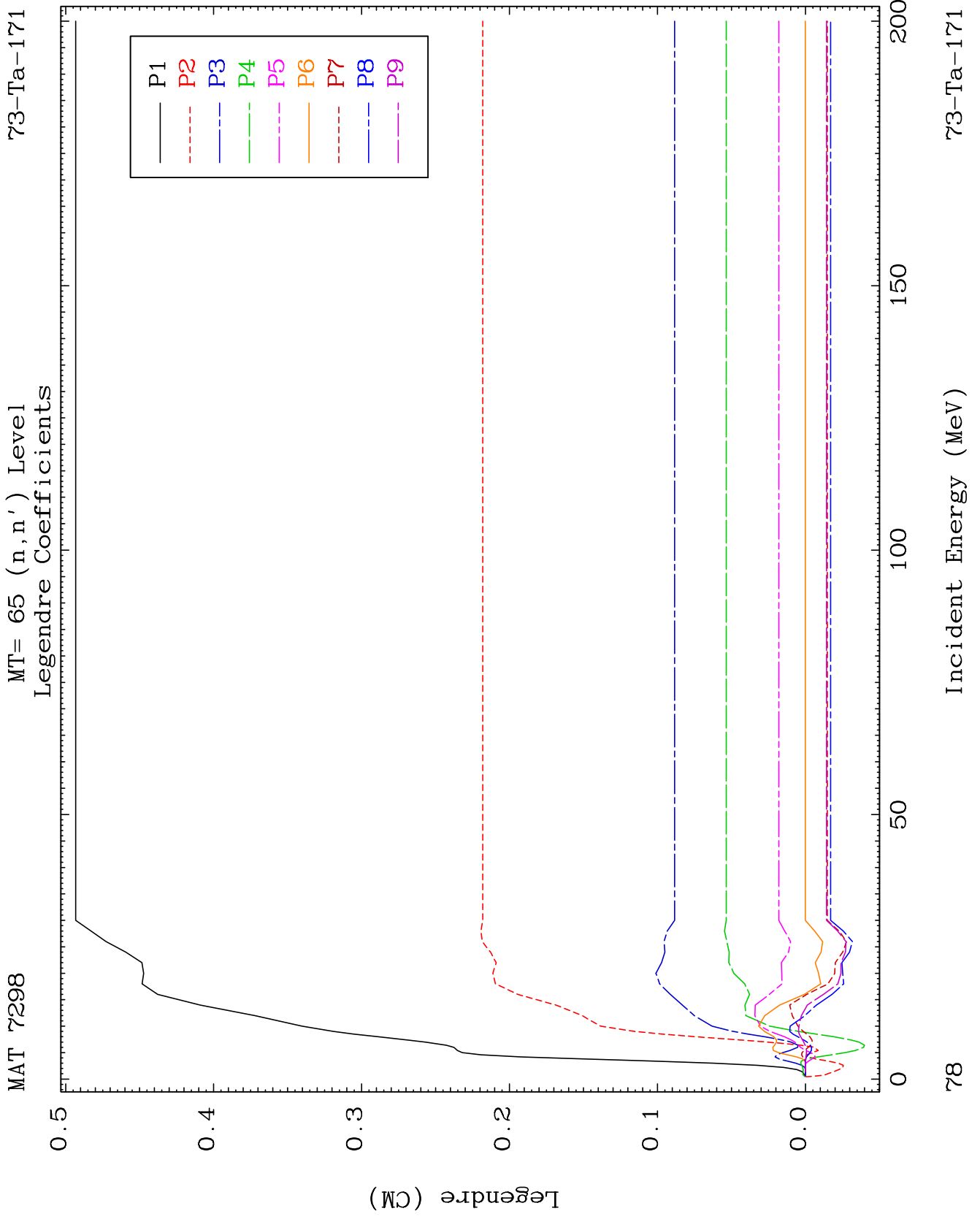
73-Ta-171

MAT 7298

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

73-Ta-171

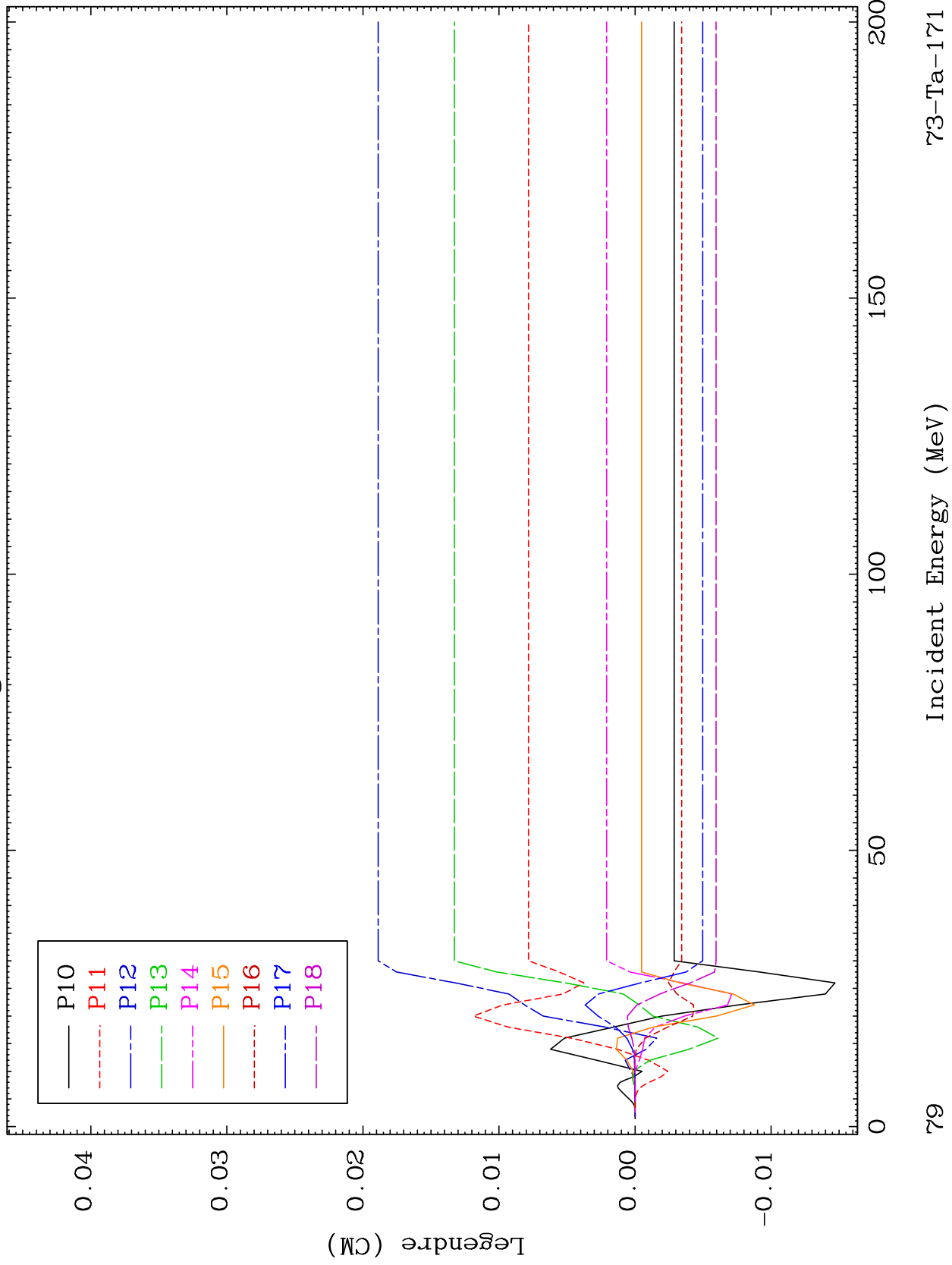


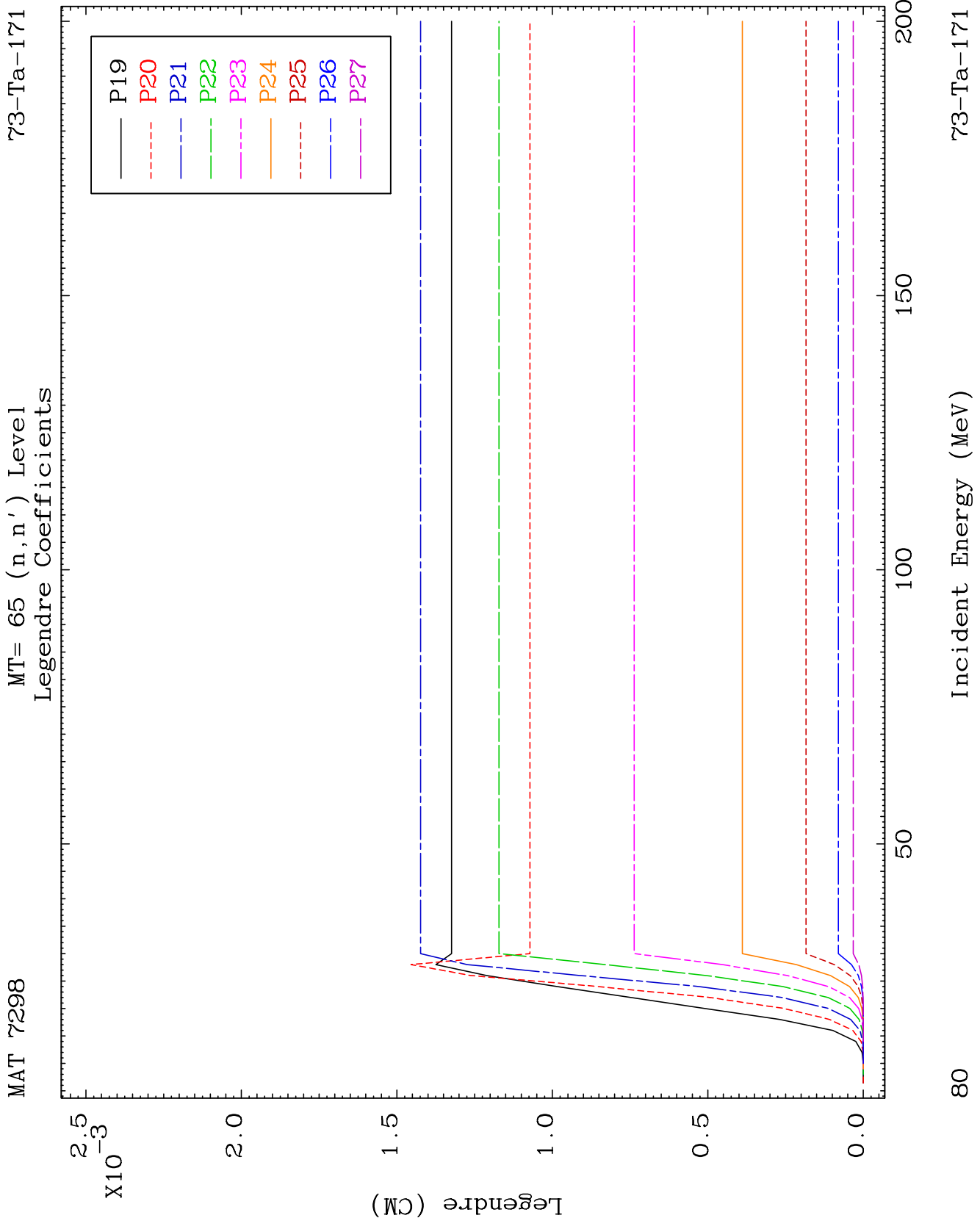


MAT 7298

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

73-Ta-171

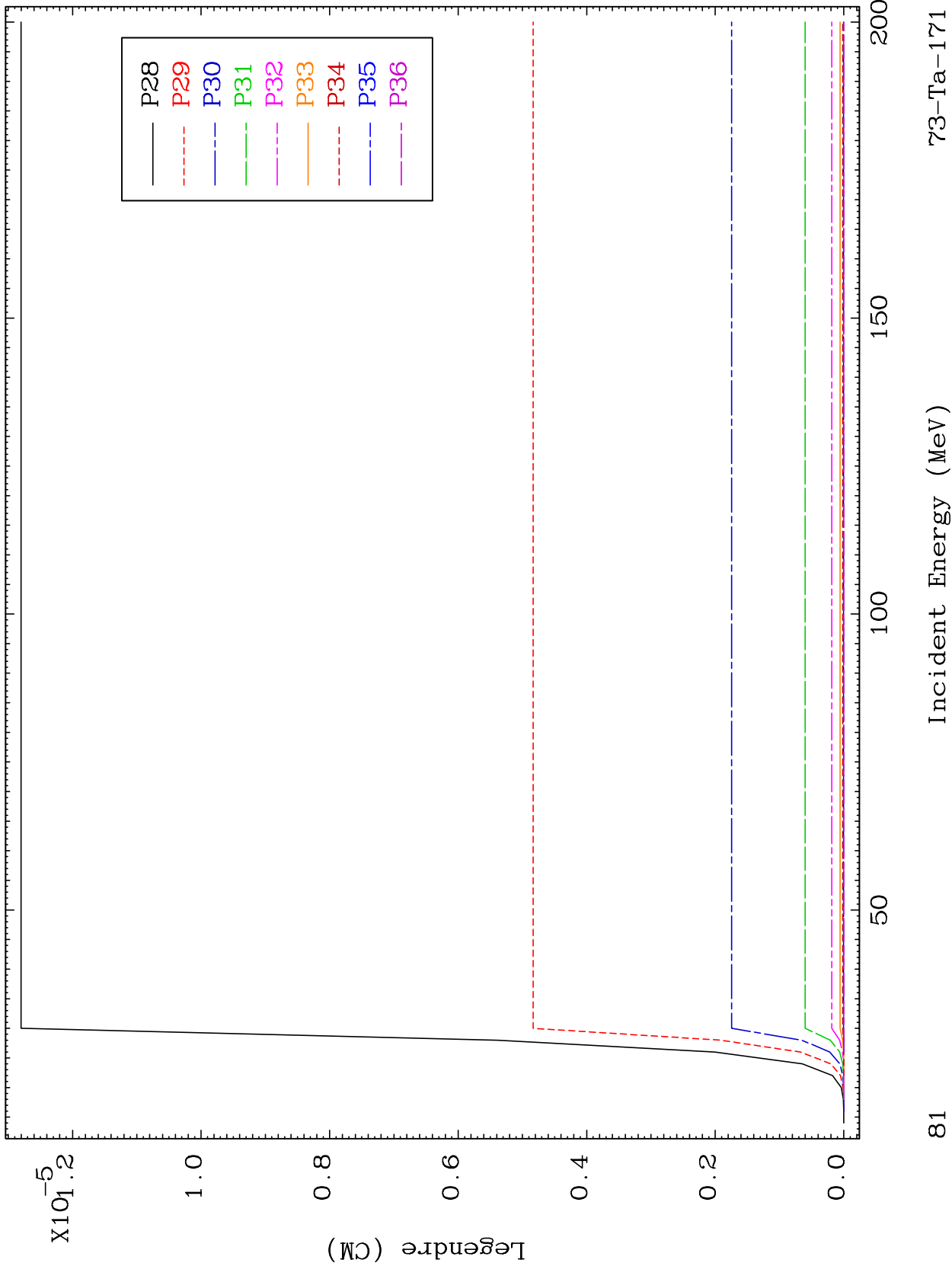




MAT 7298

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

73-Ta-171



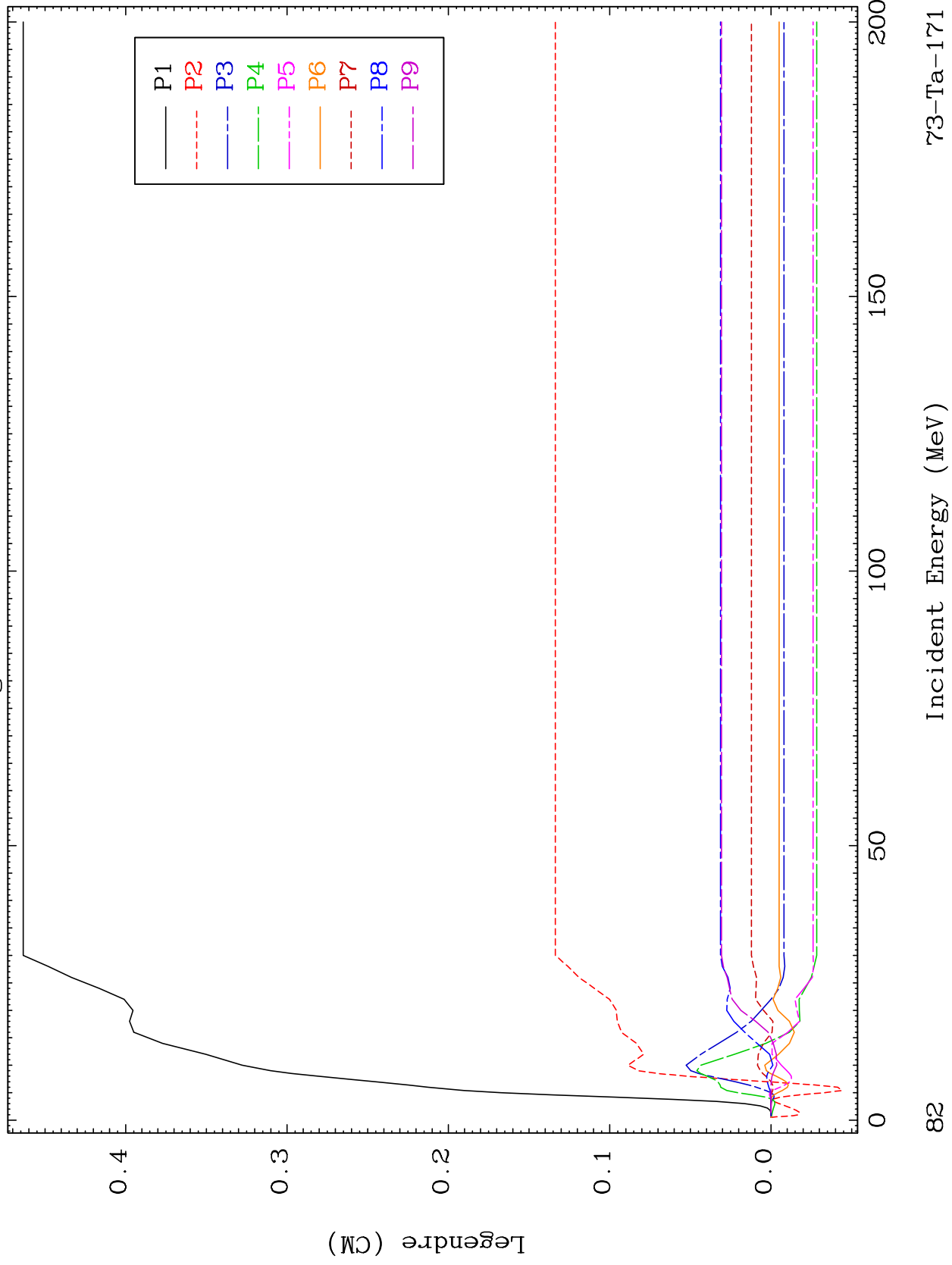
81

73-Ta-171

MAT 7298

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

73-Ta-171



73-Ta-171

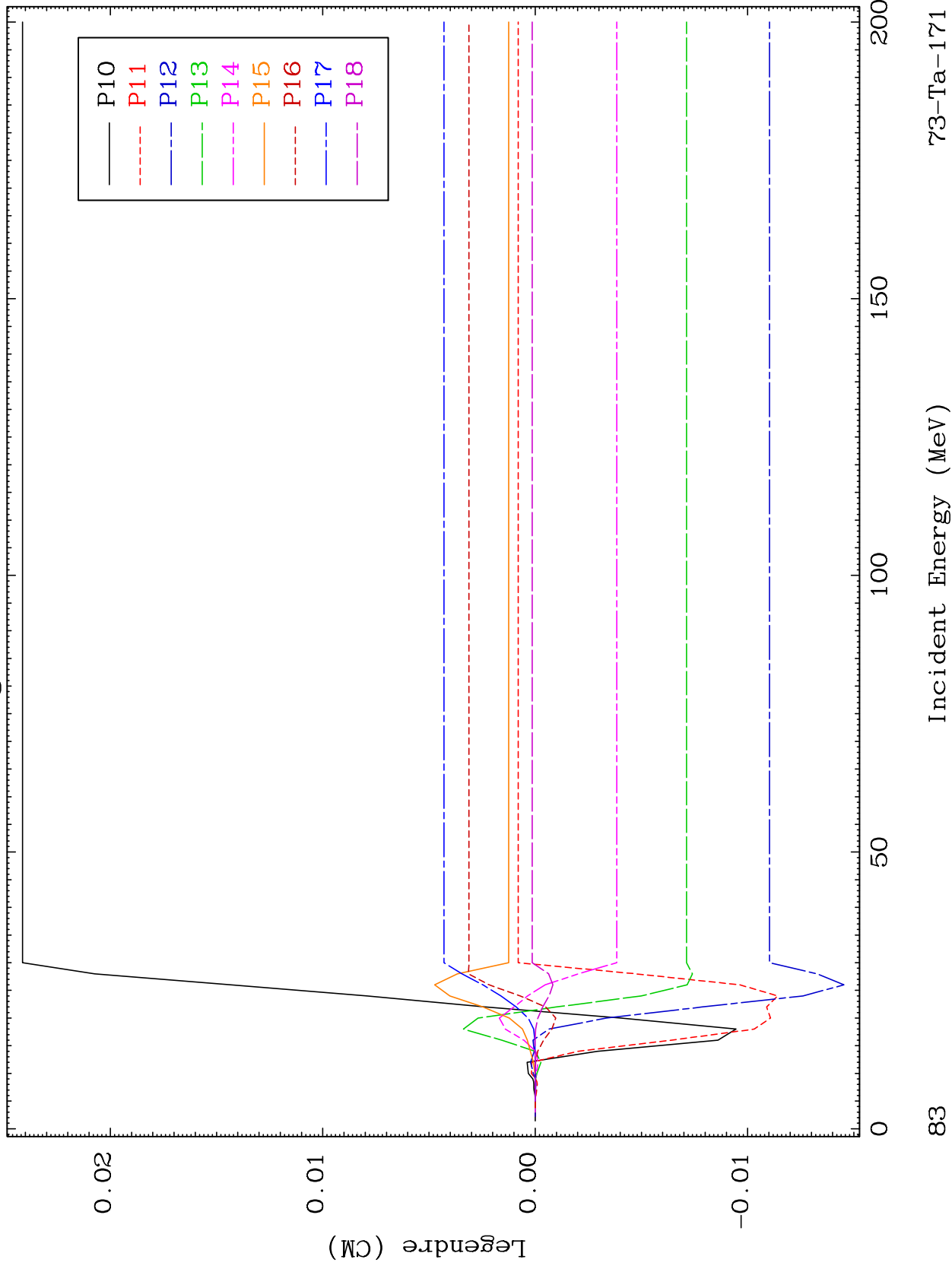
Incident Energy (MeV)

82

MAT 7298

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

73-Ta-171



83

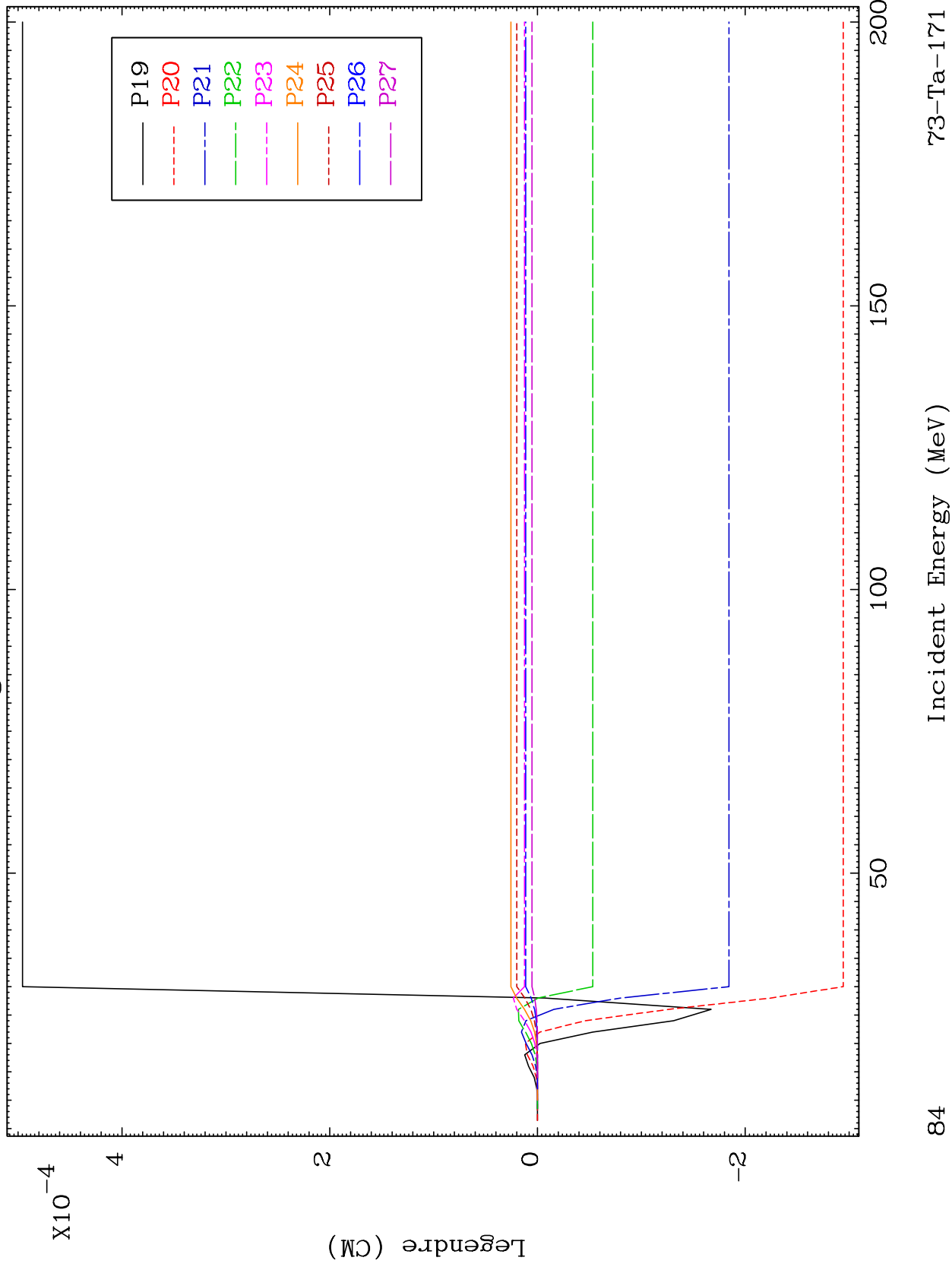
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

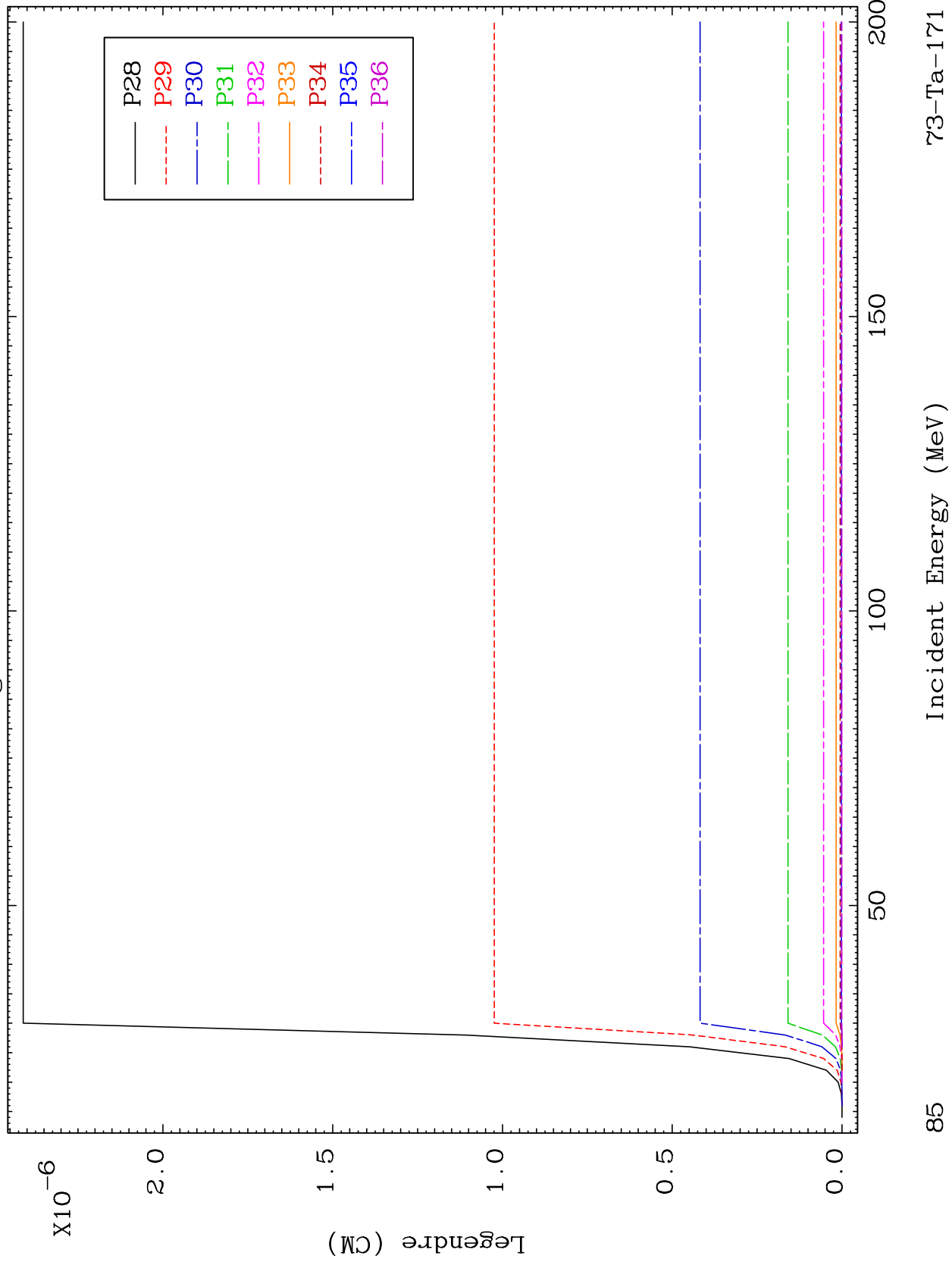
73-Ta-171

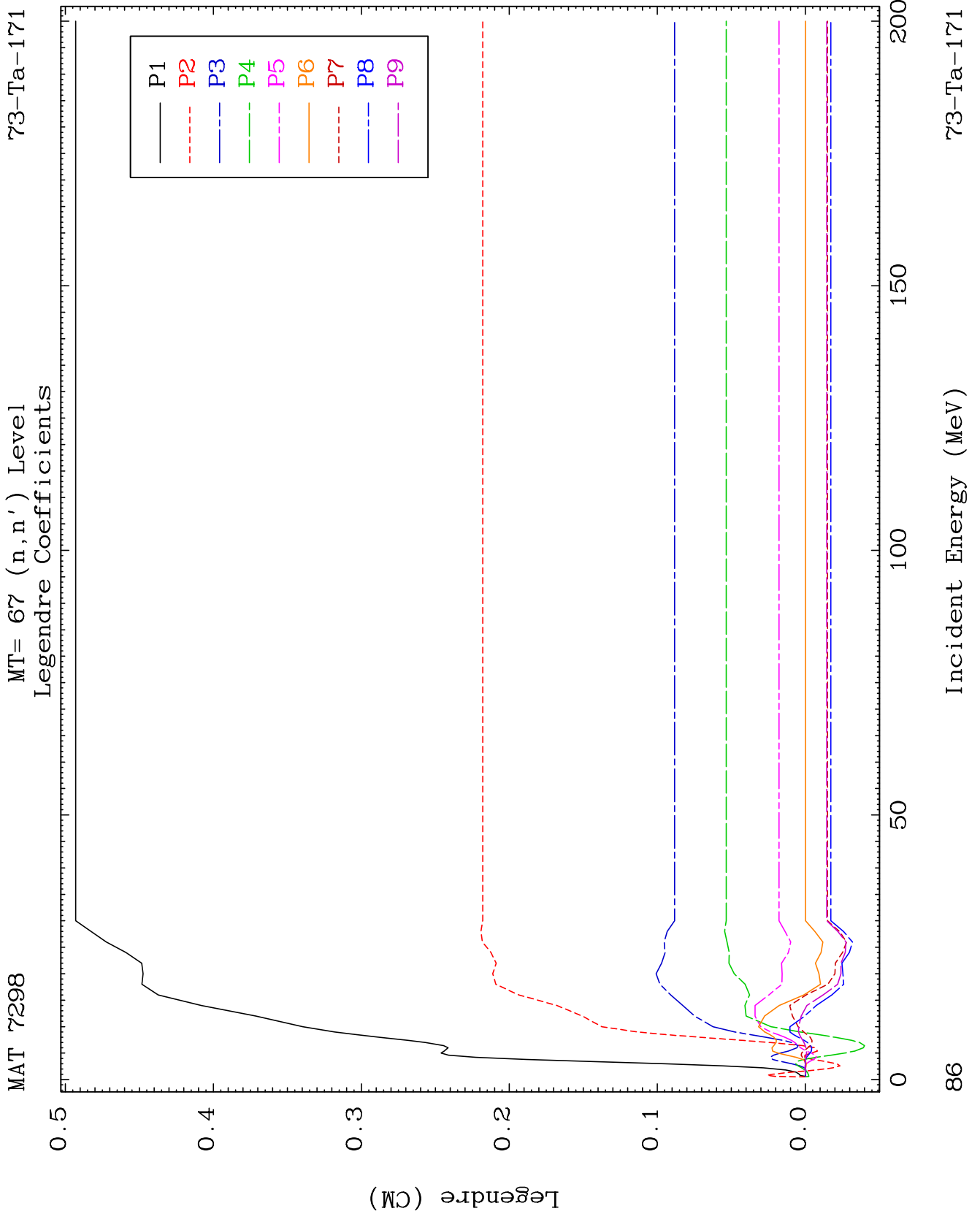


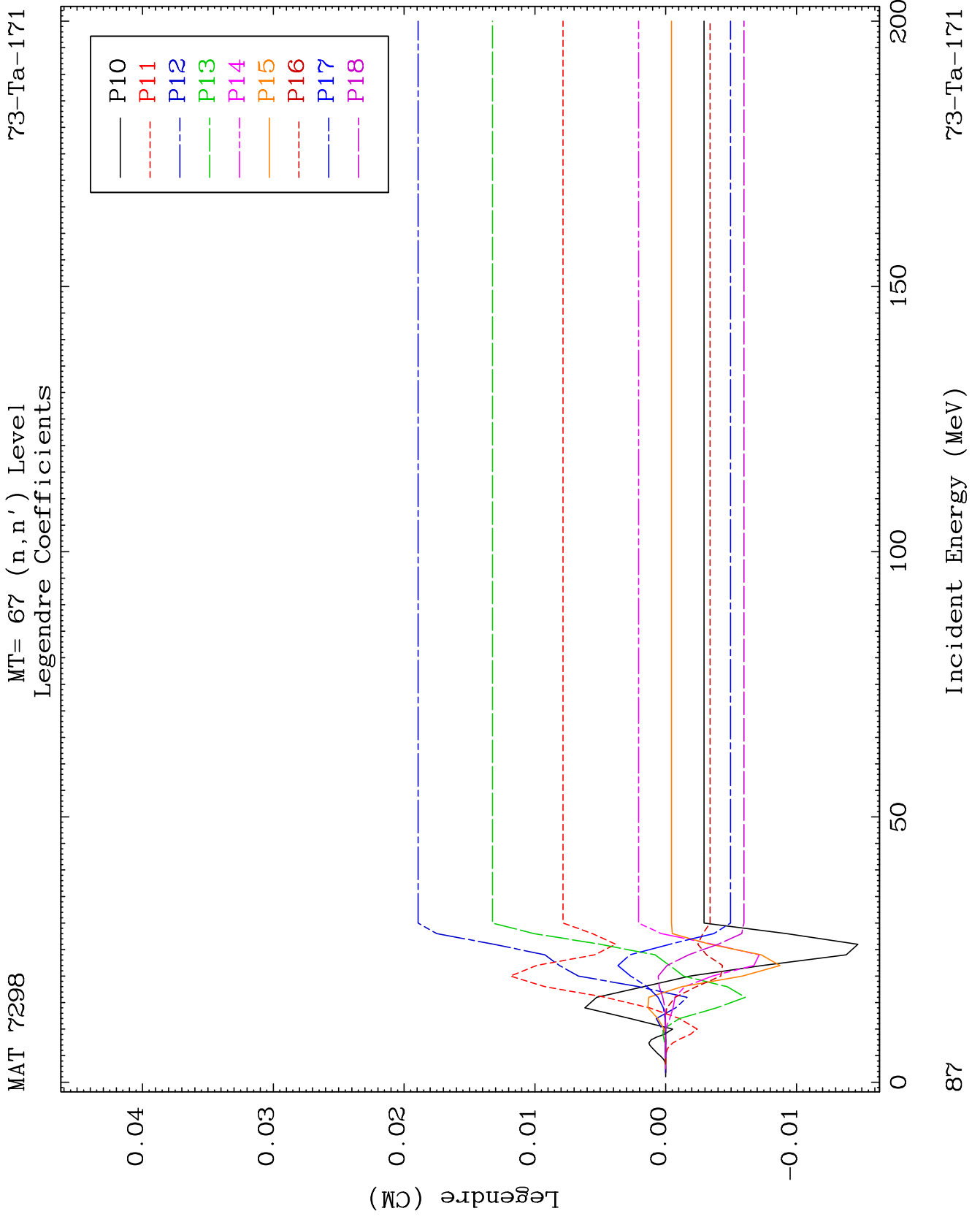
MAT 7298

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

73-Ta-171



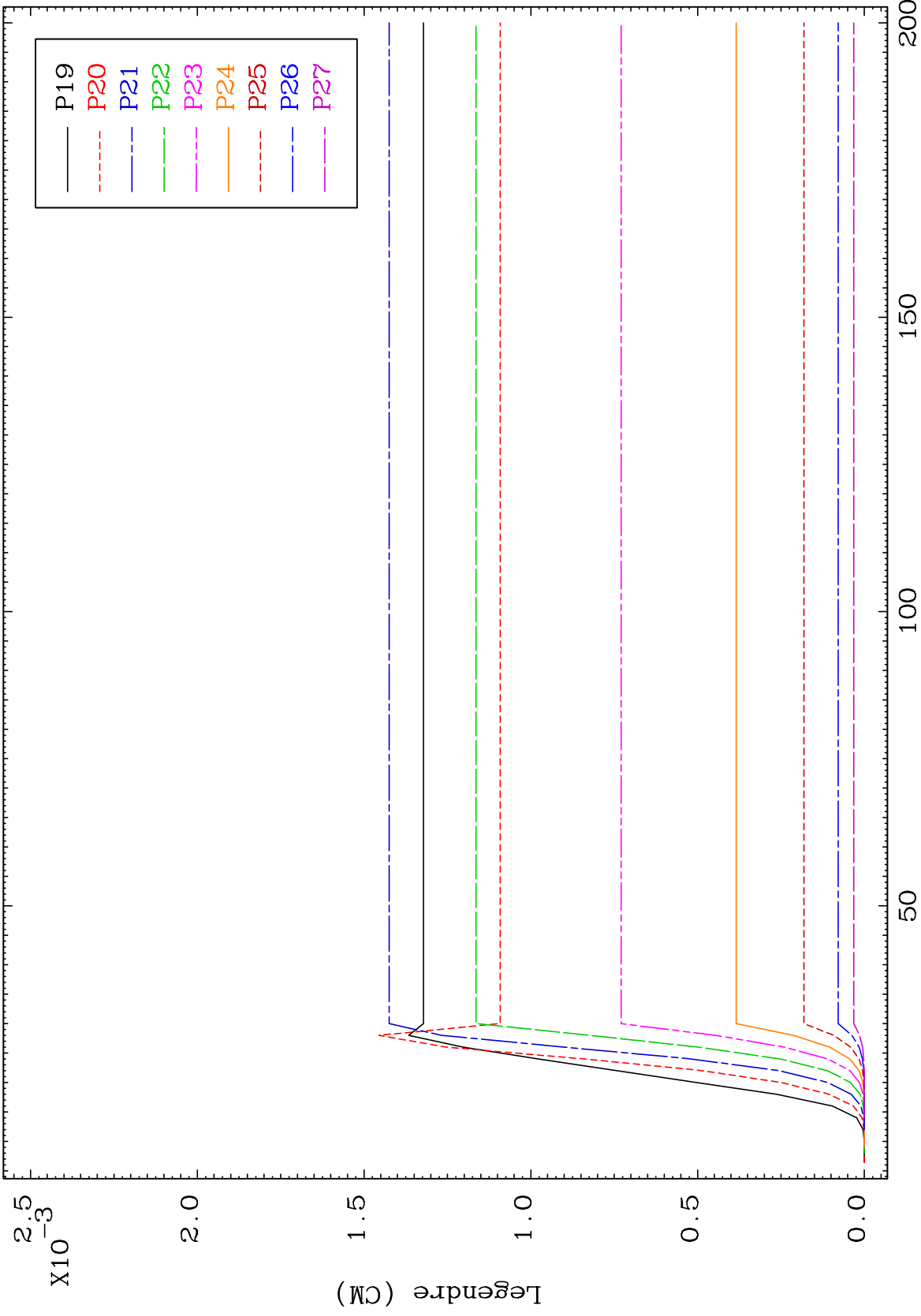




MAT 7298

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

73-Ta-171



88

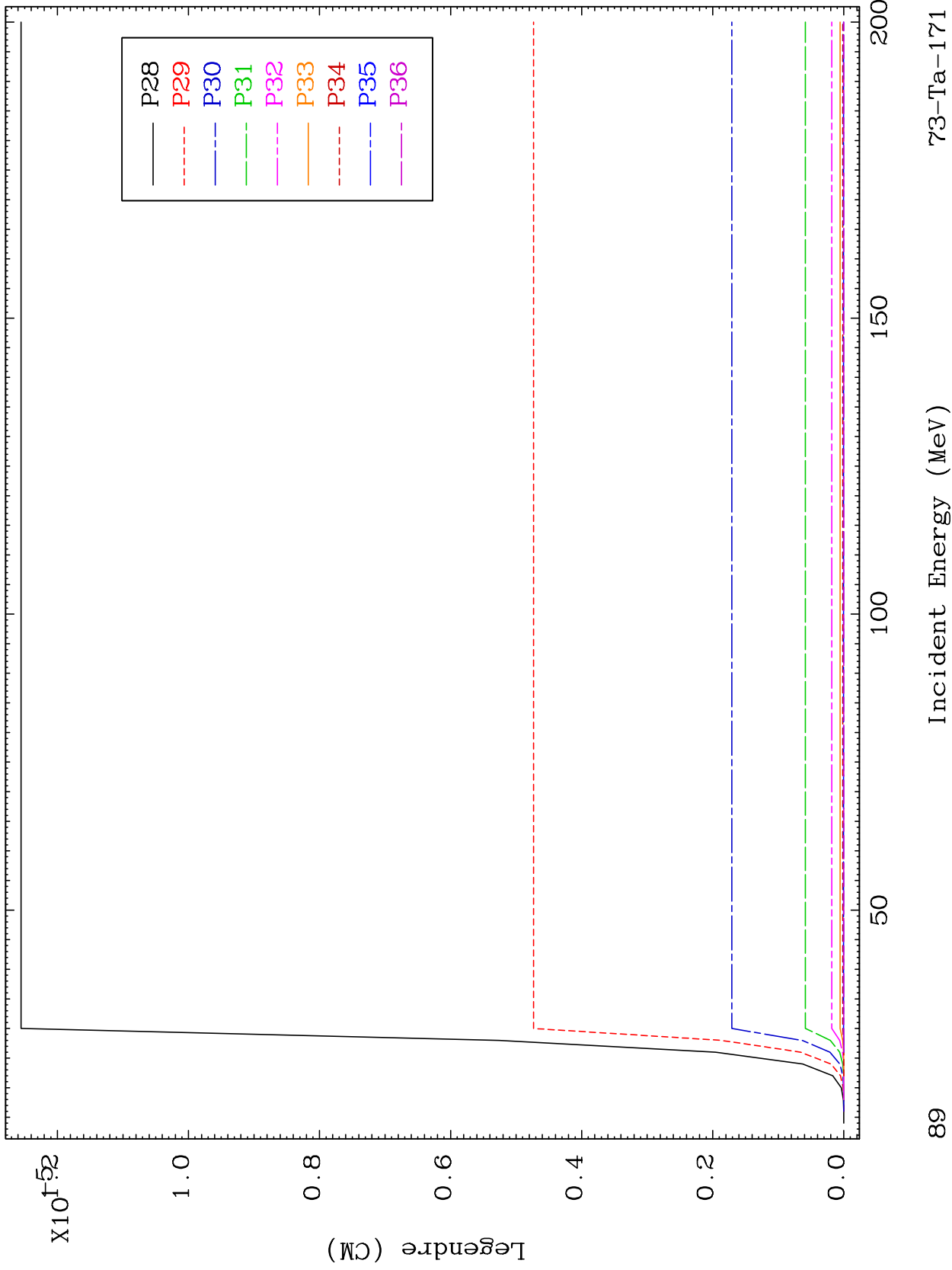
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

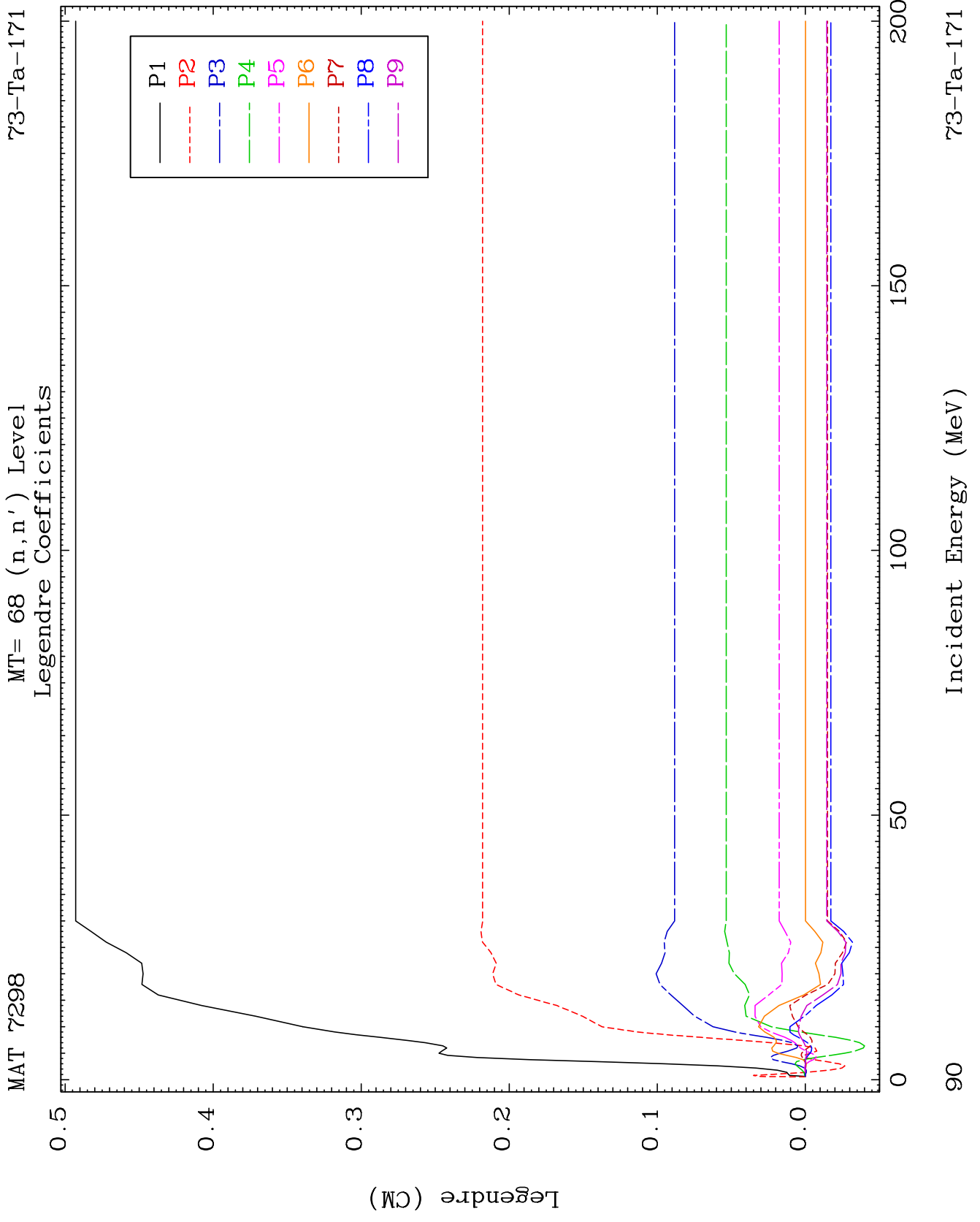
73-Ta-171



89

Incident Energy (MeV)

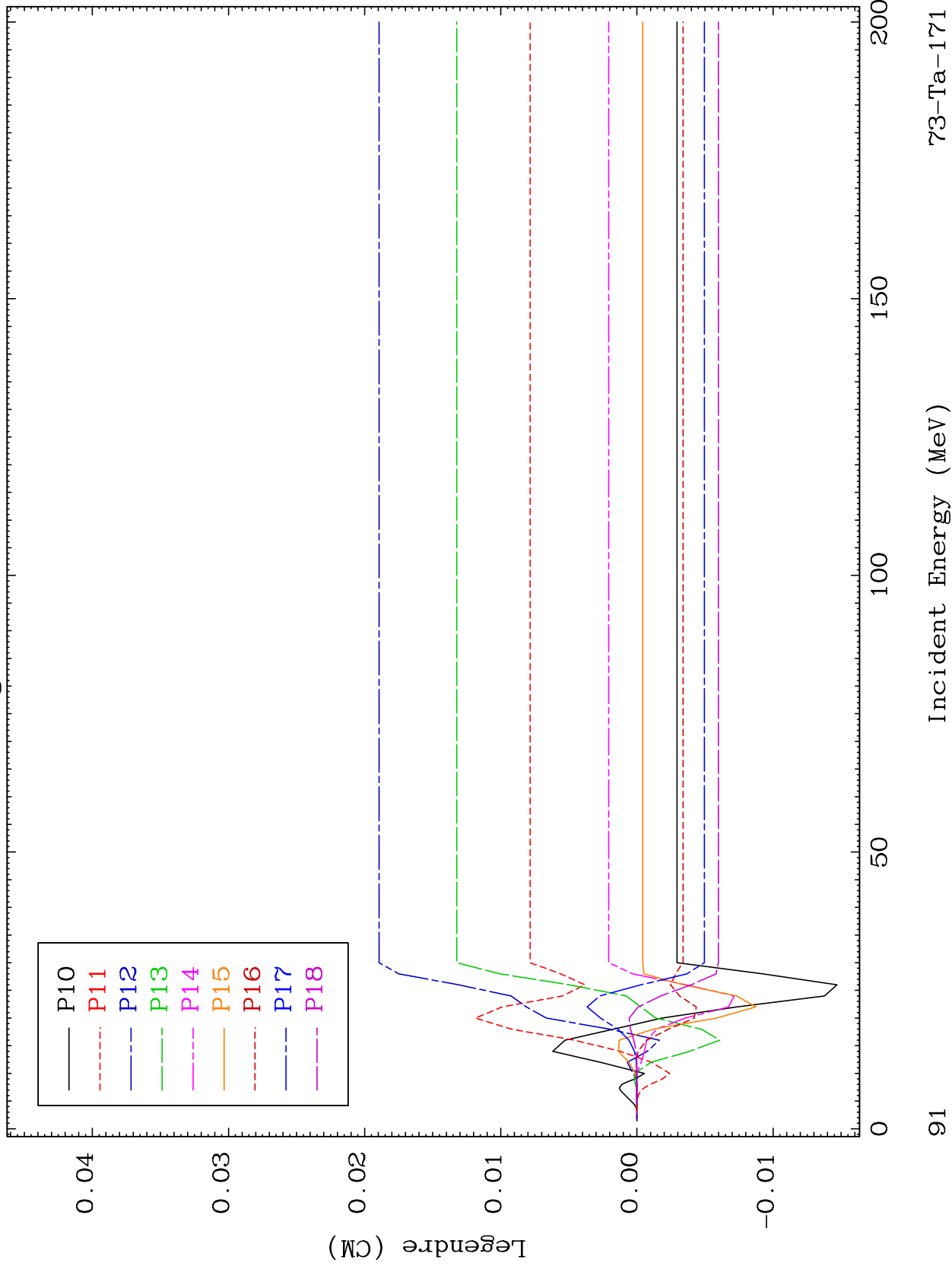
73-Ta-171



MAT 7298

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

73-Ta-171



91

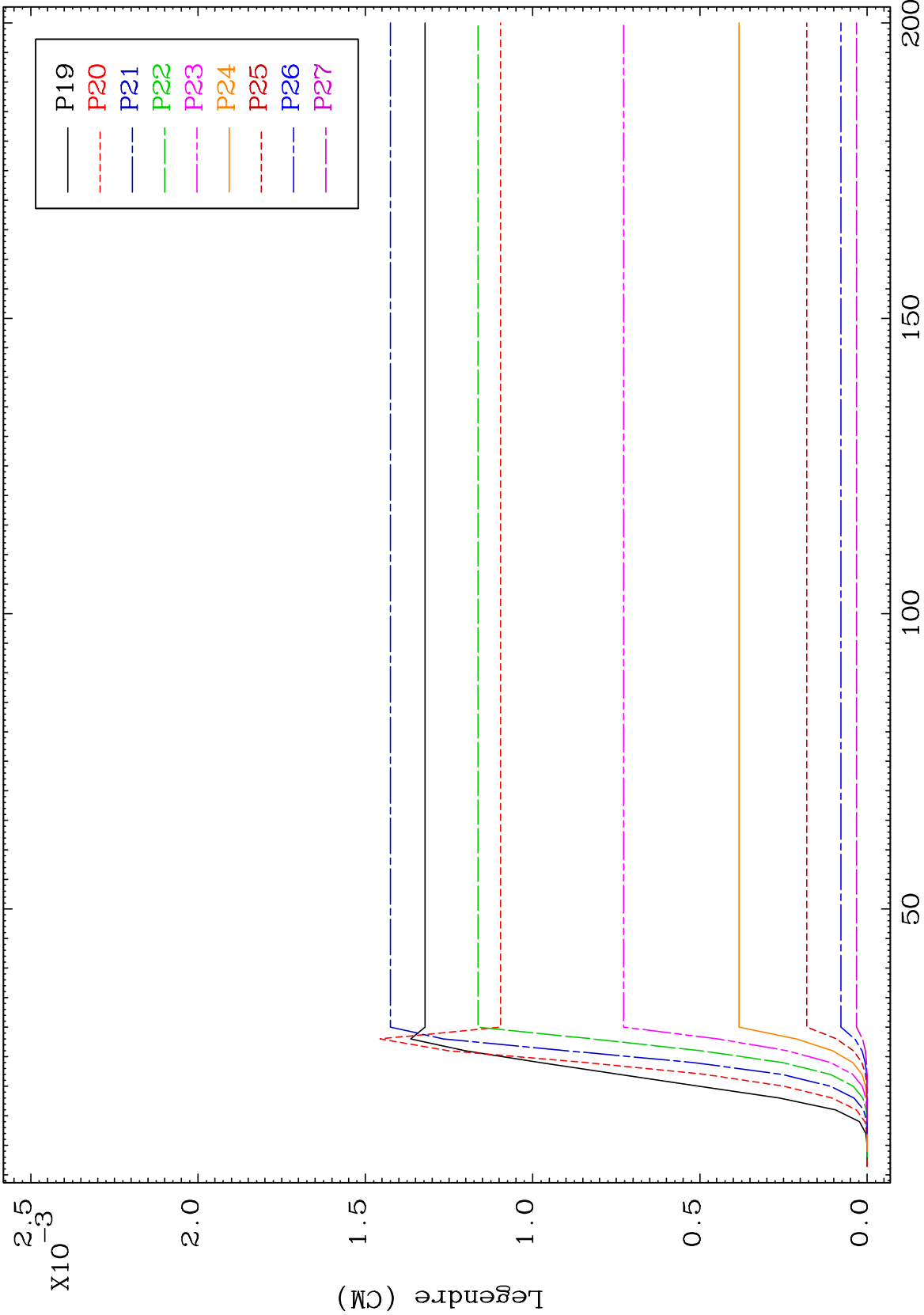
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

73-Ta-171



92

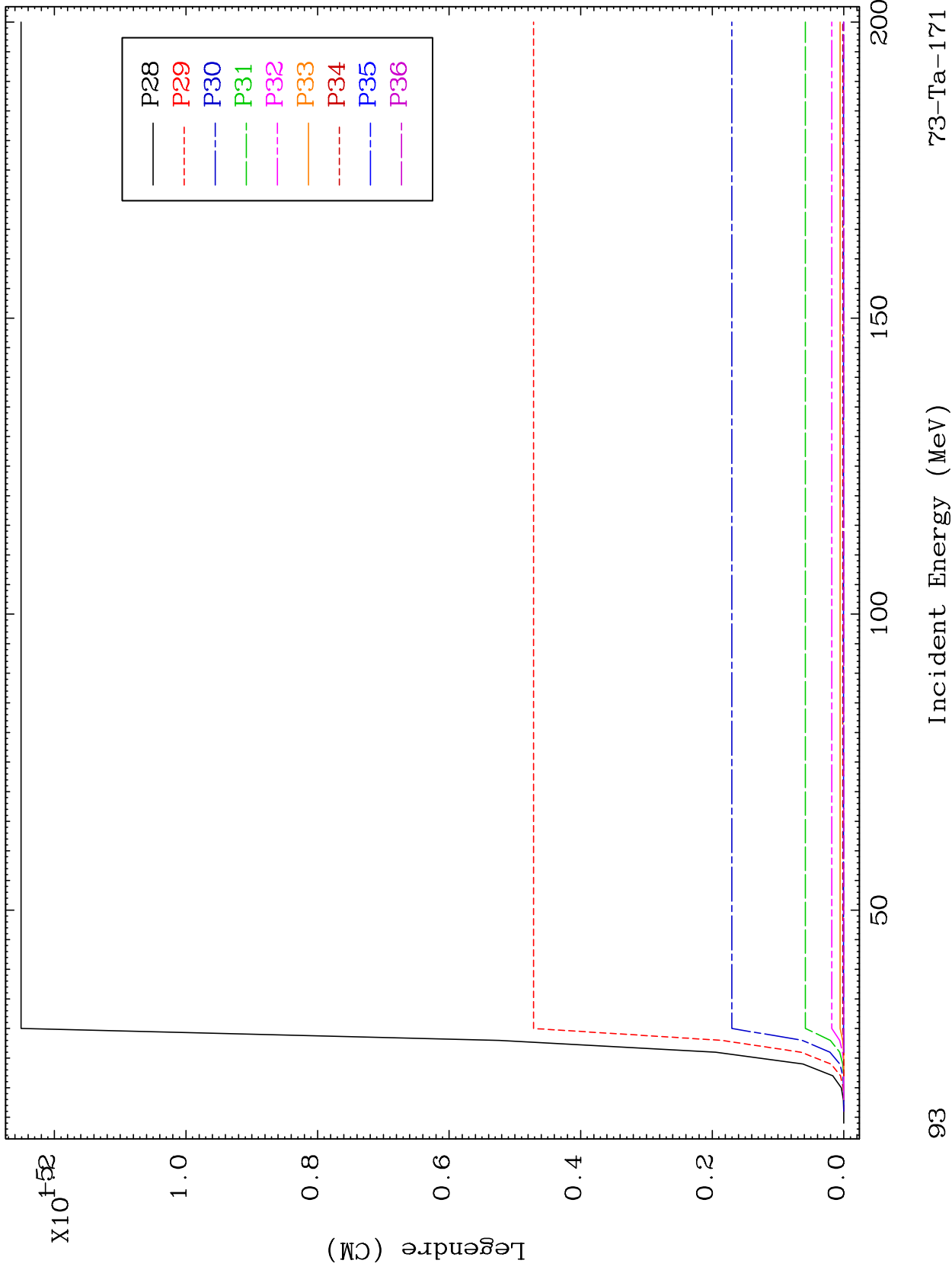
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

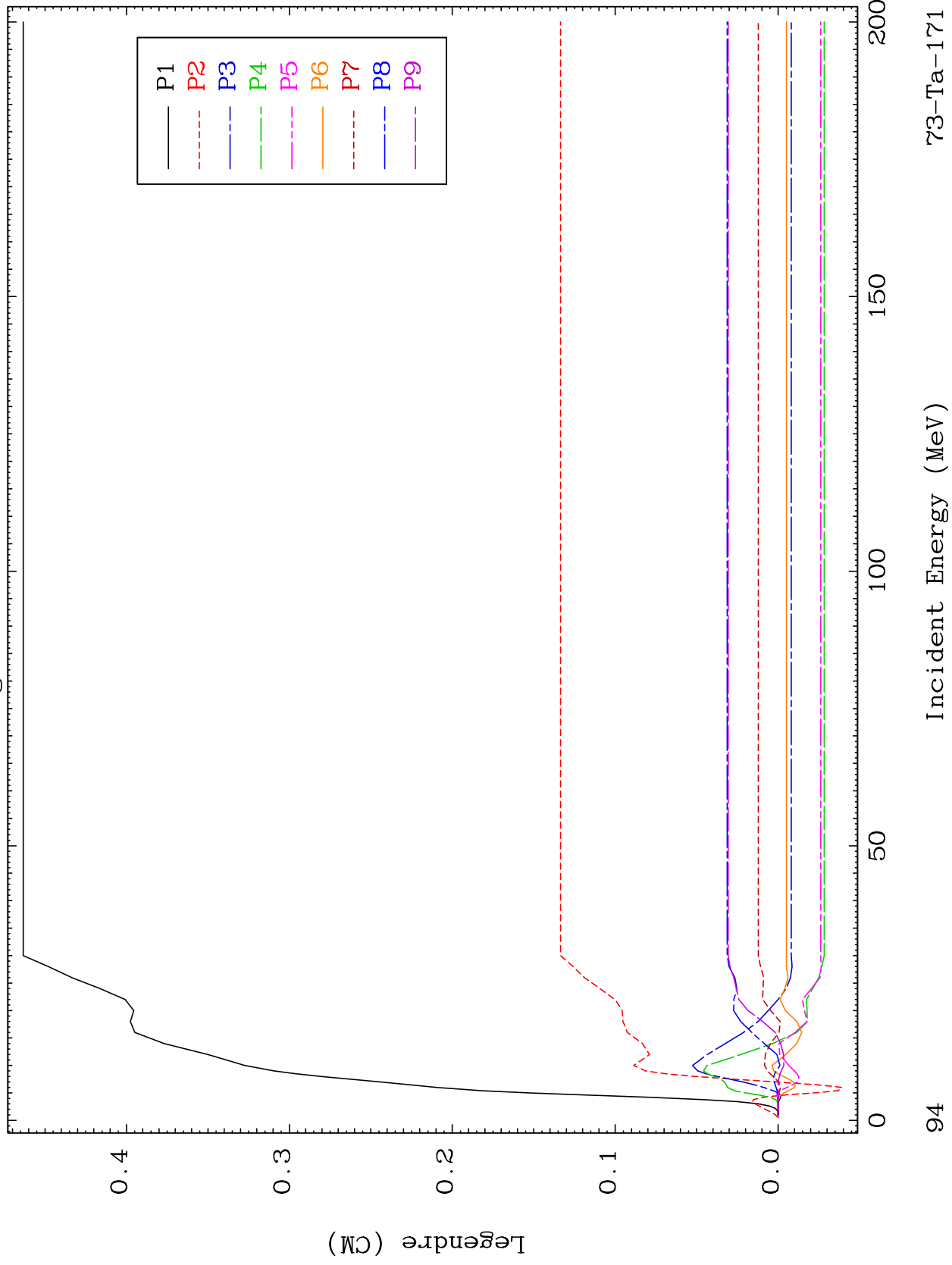
73-Ta-171



MAT 7298

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

73-Ta-171



94

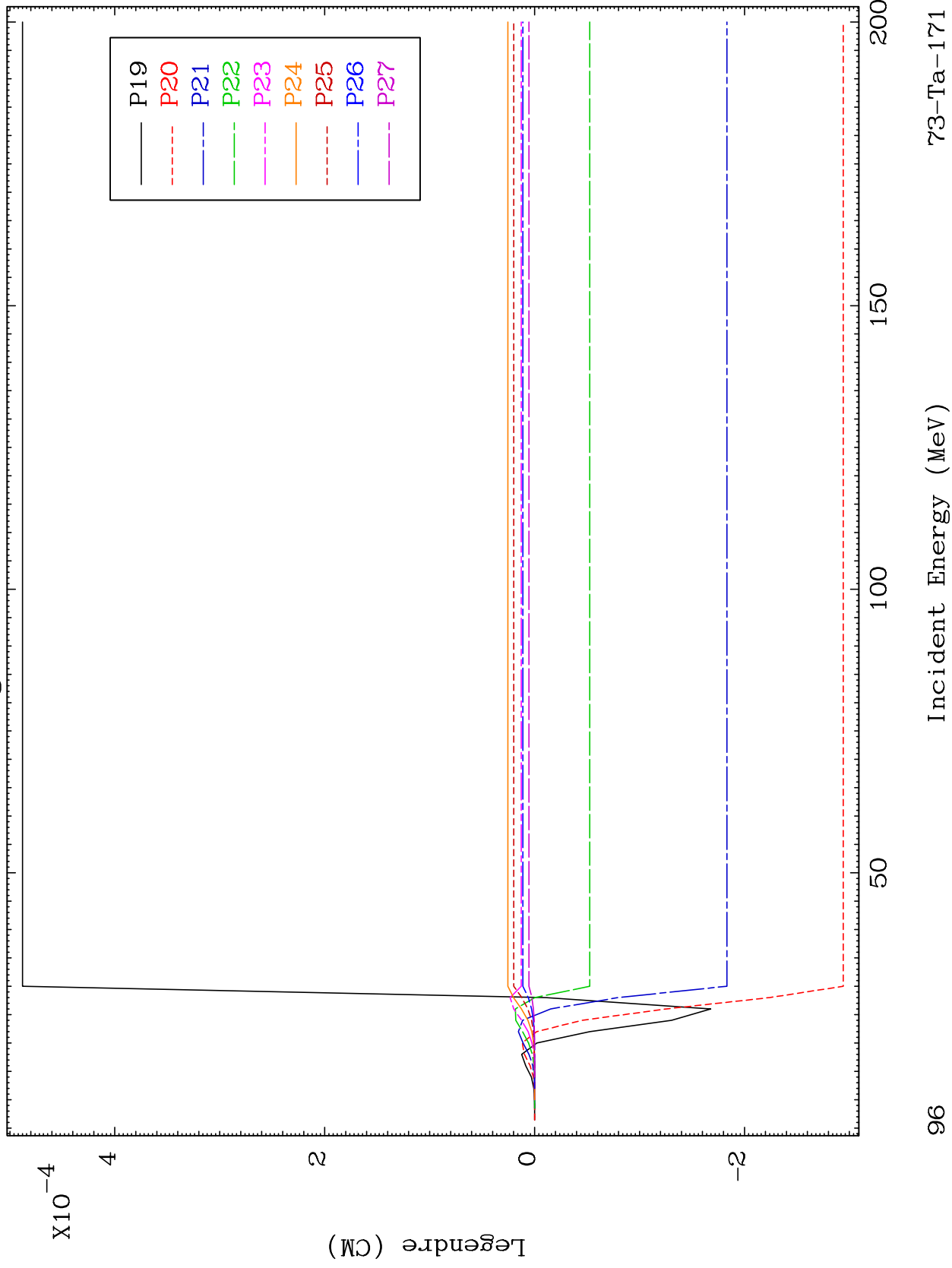
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

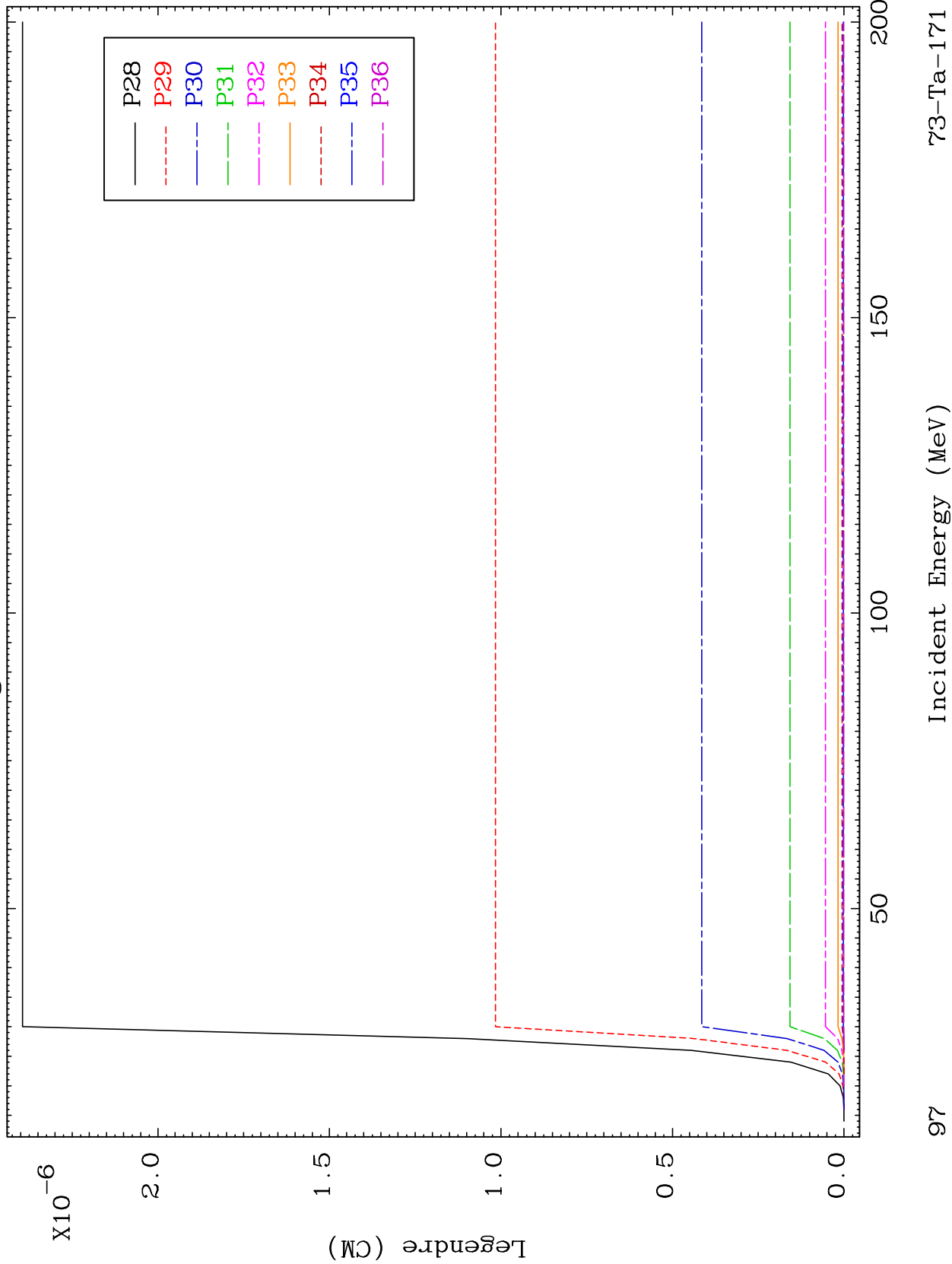
73-Ta-171



MAT 7298

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

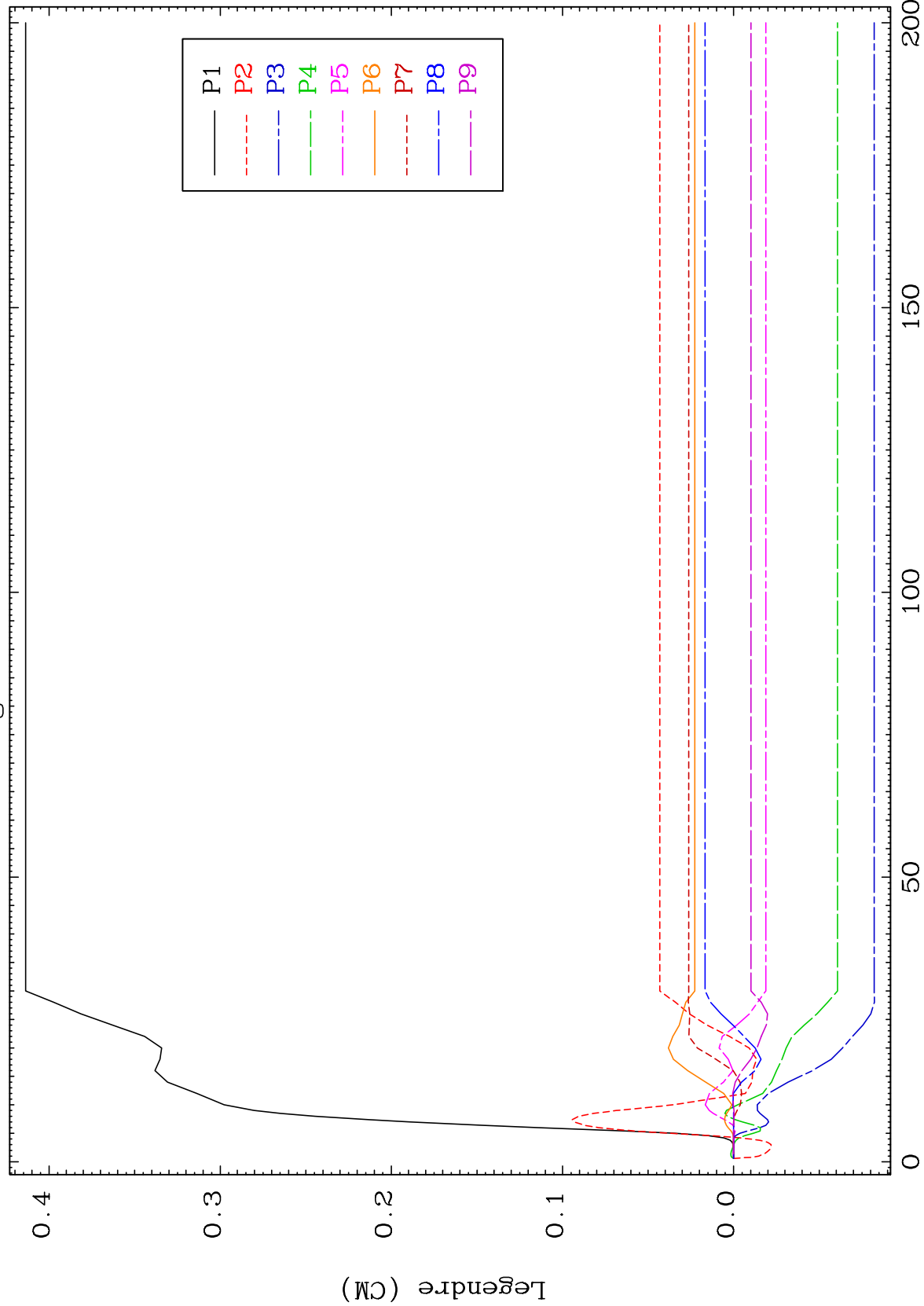
73-Ta-171



MAT 7298

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

73-Ta-171



98

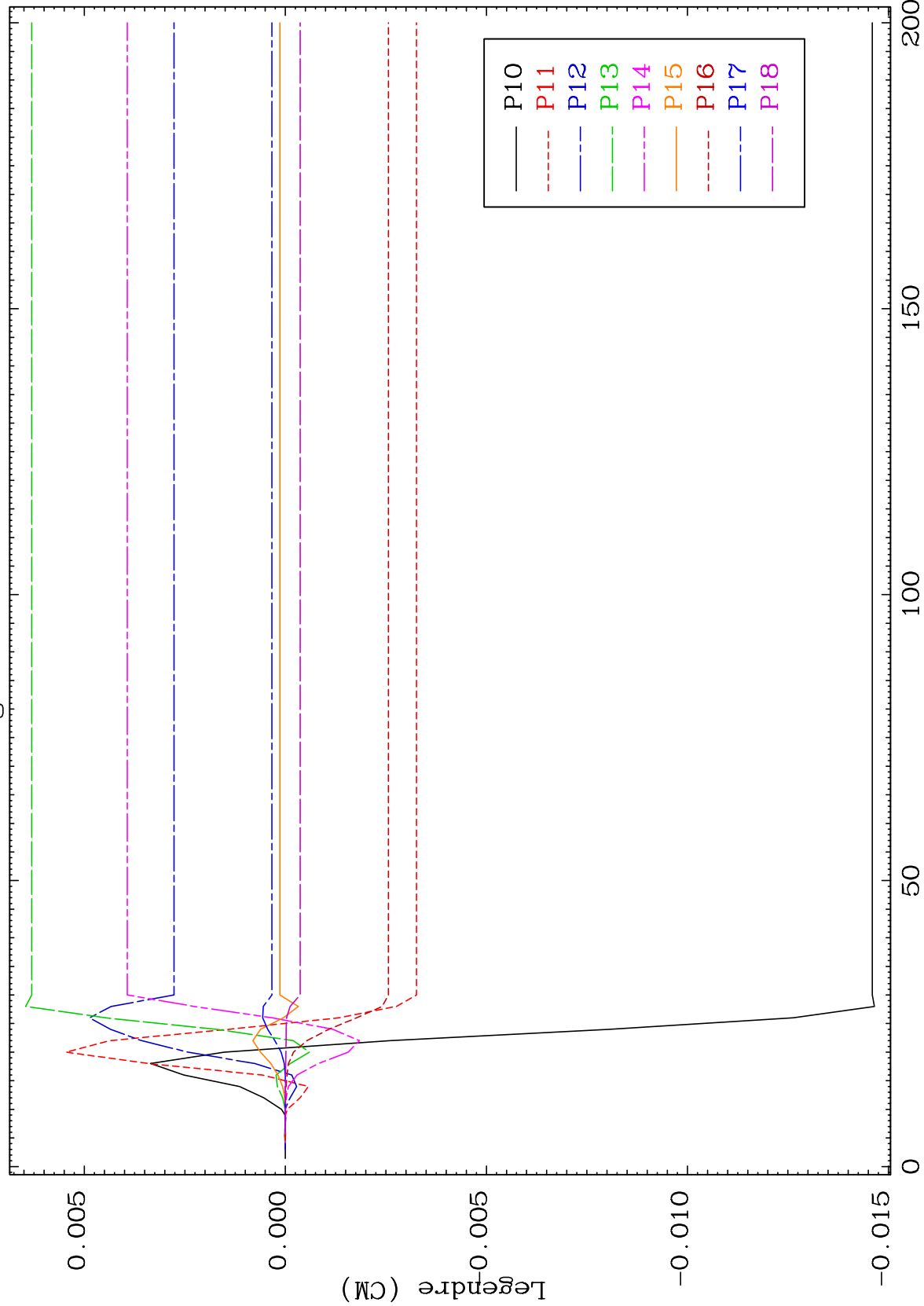
Incident Energy (MeV)

73-Ta-171

MAT 7298

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

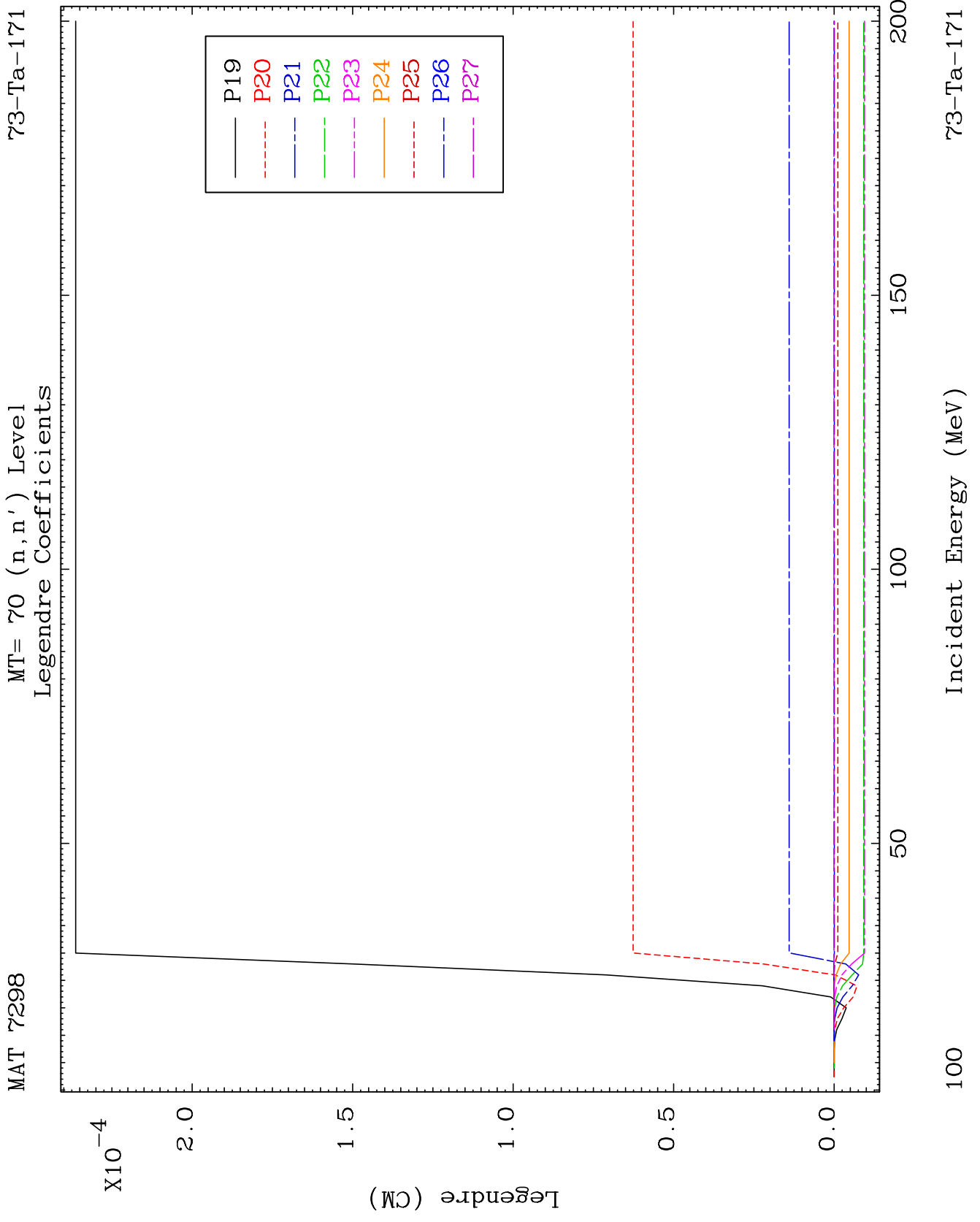
73-Ta-171



99

Incident Energy (MeV)

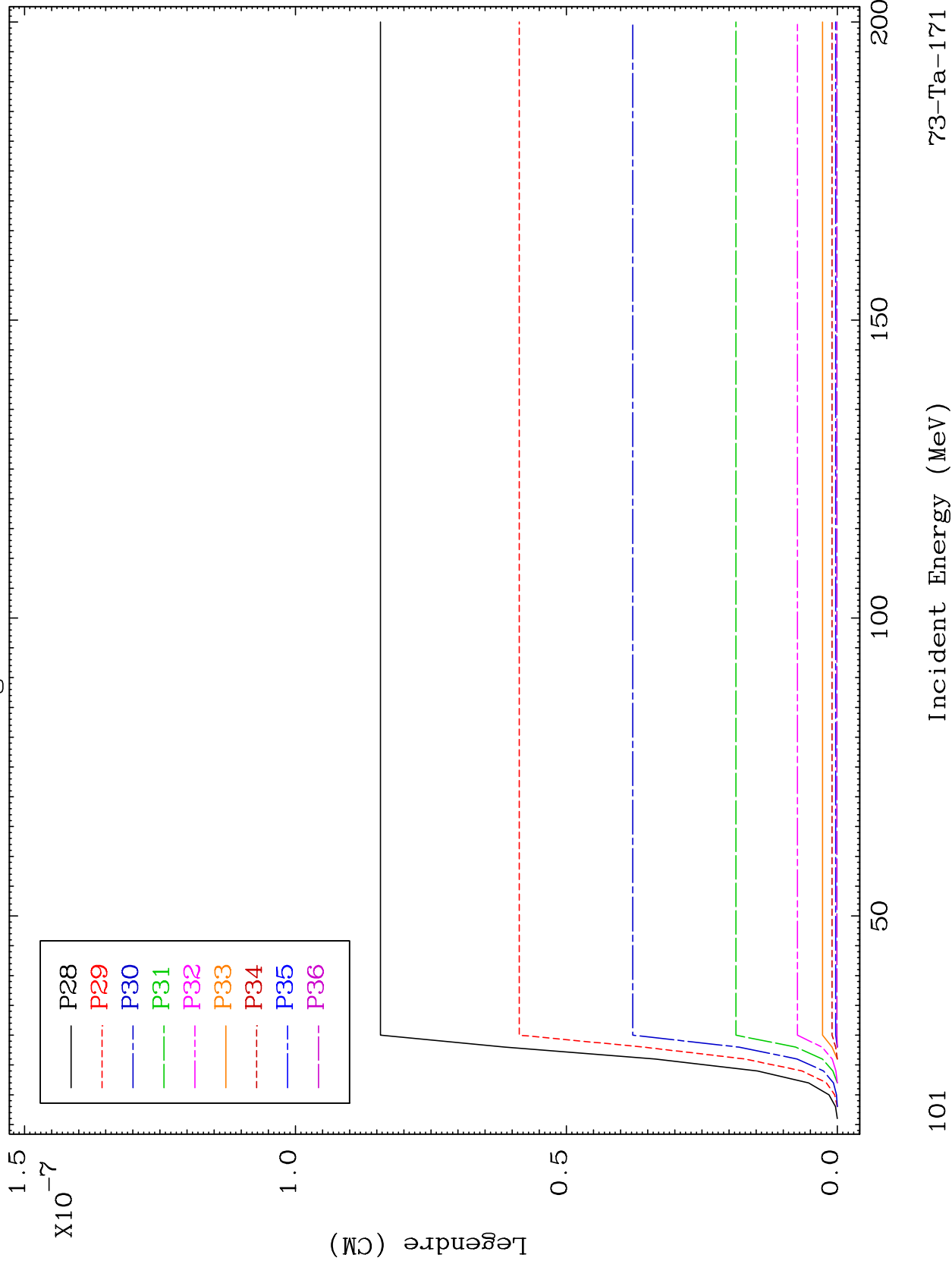
73-Ta-171



MAT 7298

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

⁷³Ta-171



101

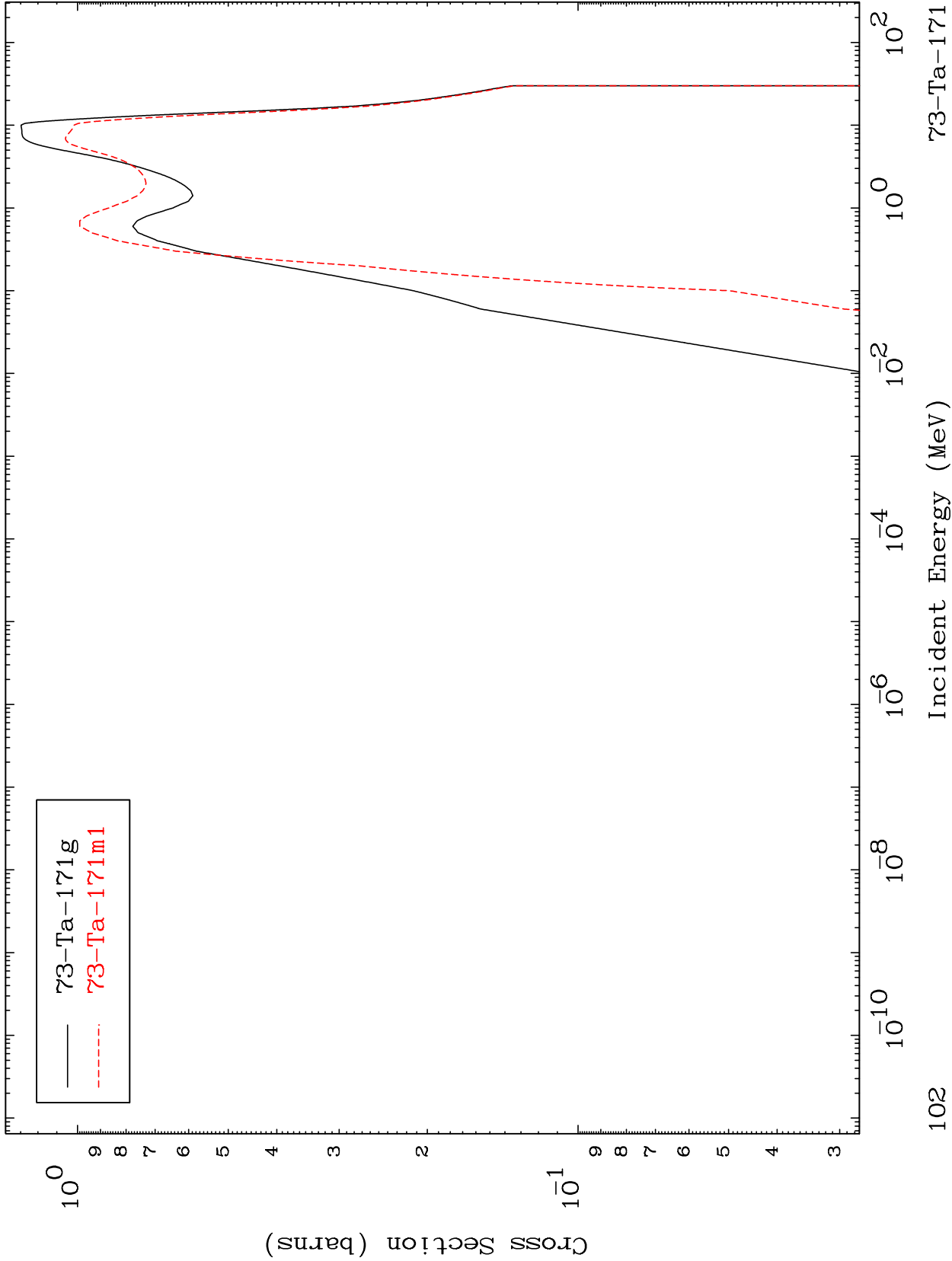
Incident Energy (MeV)

⁷³Ta-171

MAT 7298

Inelastic
Radionuclide Production Cross Section

⁷³Ta-171

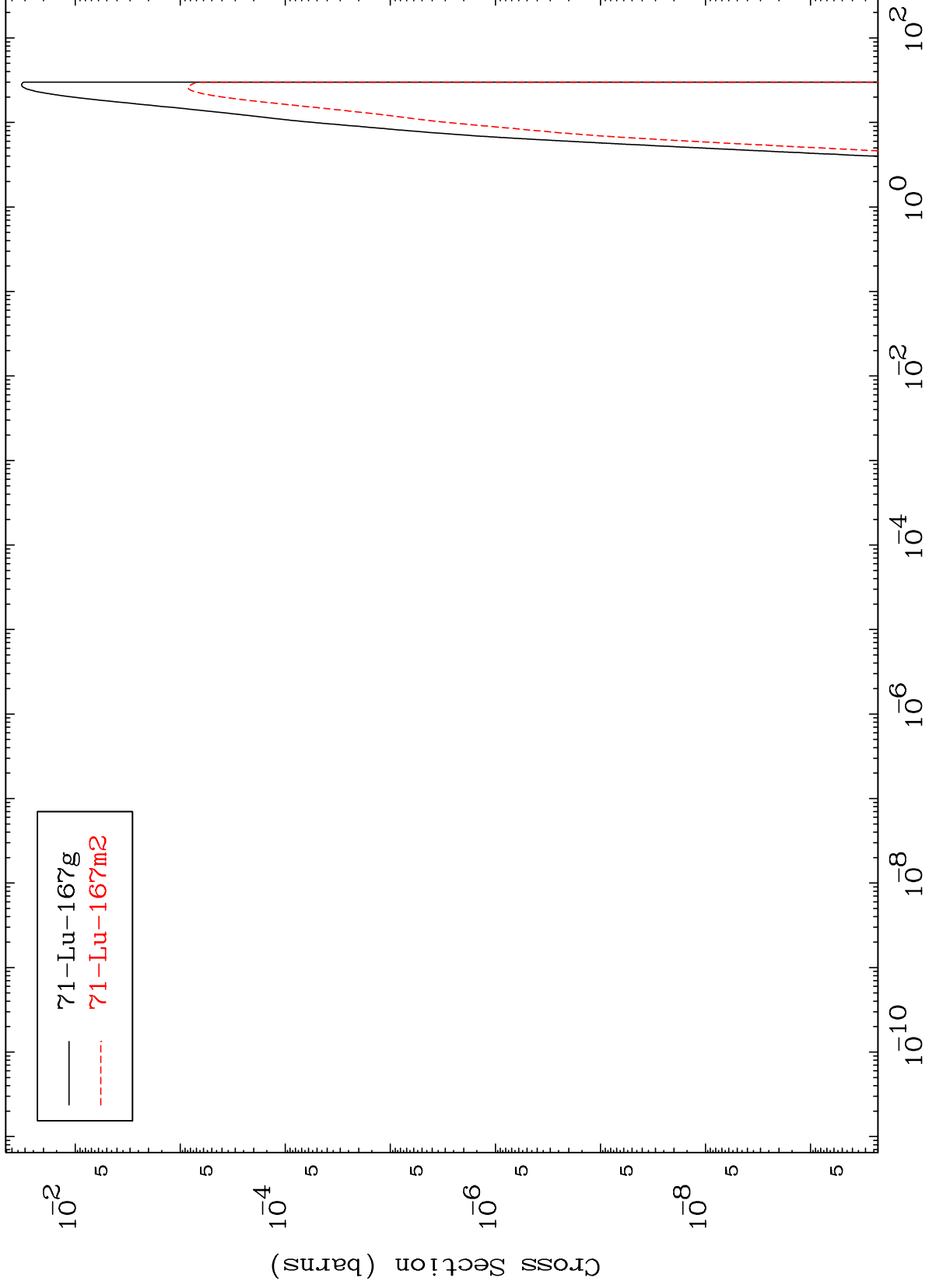


MAT 7298

$(n, n') \alpha$

73-Ta-171

Radionuclide Production Cross Section



103

Incident Energy (MeV)

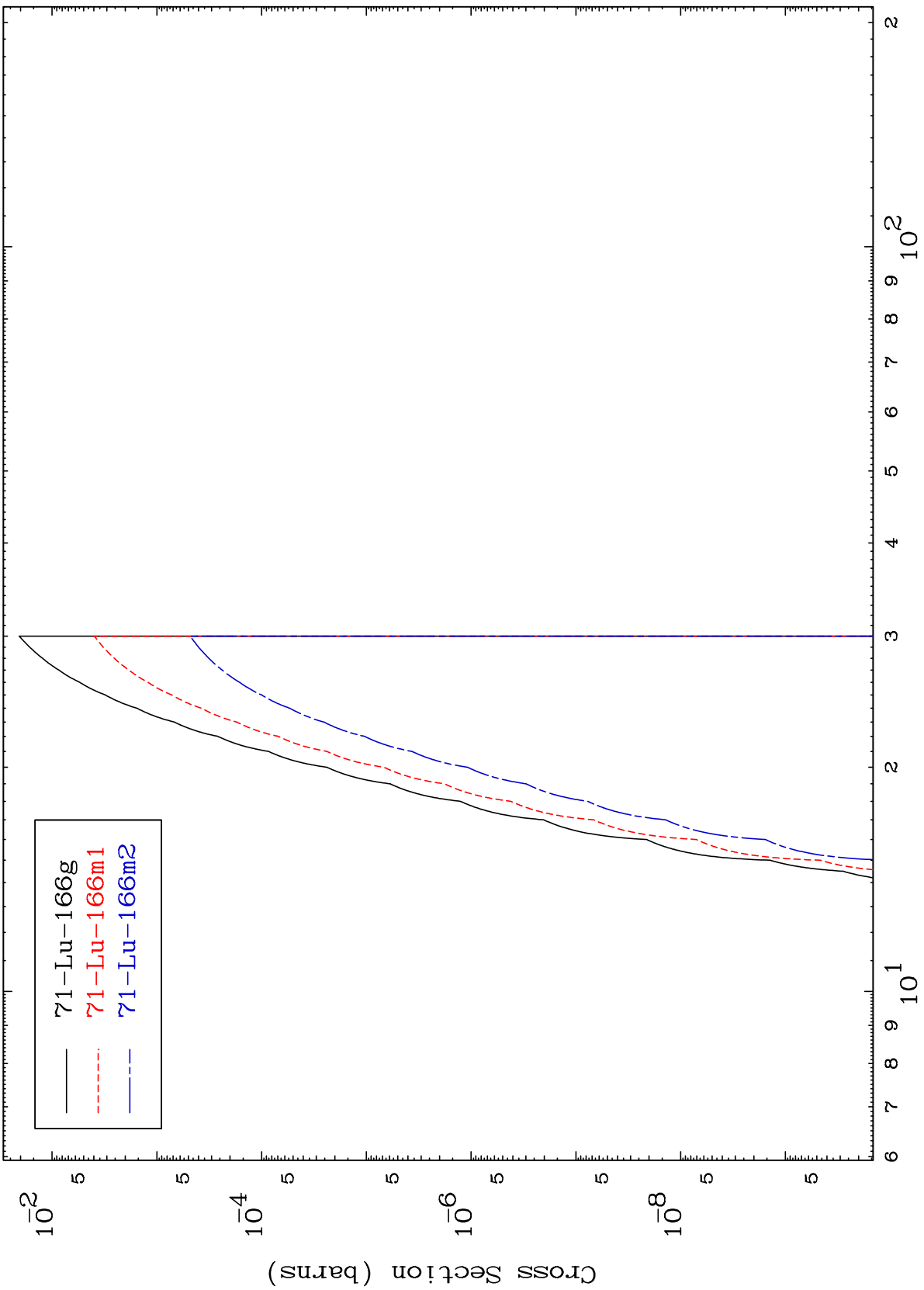
73-Ta-171

MAT 7298

$(n,2n) \alpha$

$^{73}\text{Ta-171}$

Radionuclide Production Cross Section



104

Incident Energy (MeV)

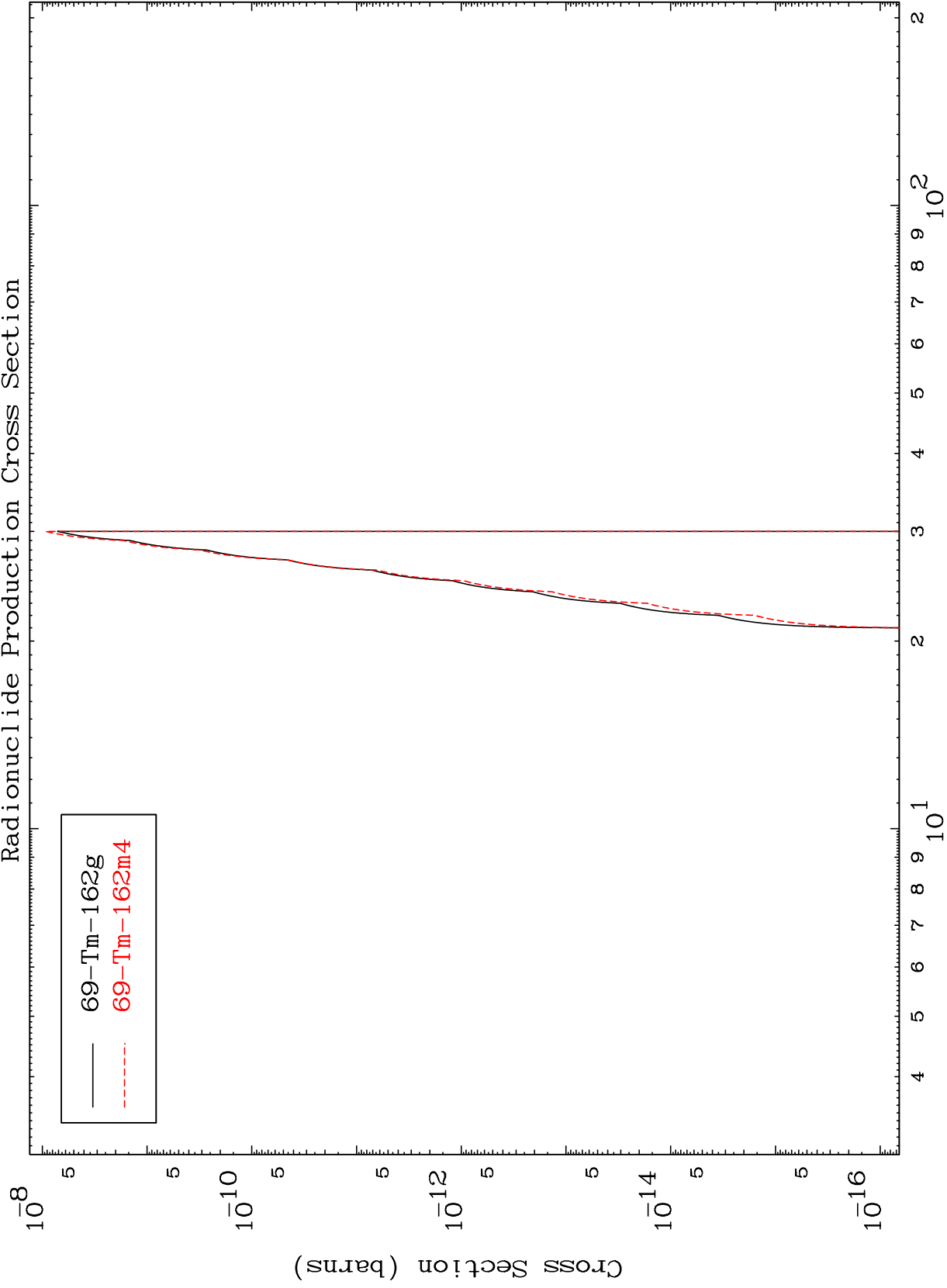
$^{73}\text{Ta-171}$

MAT 7298

$(n,2n) 2\alpha$

$^{73}\text{Ta-171}$

Radionuclide Production Cross Section



69-Tm-162g
69-Tm-162m4

105

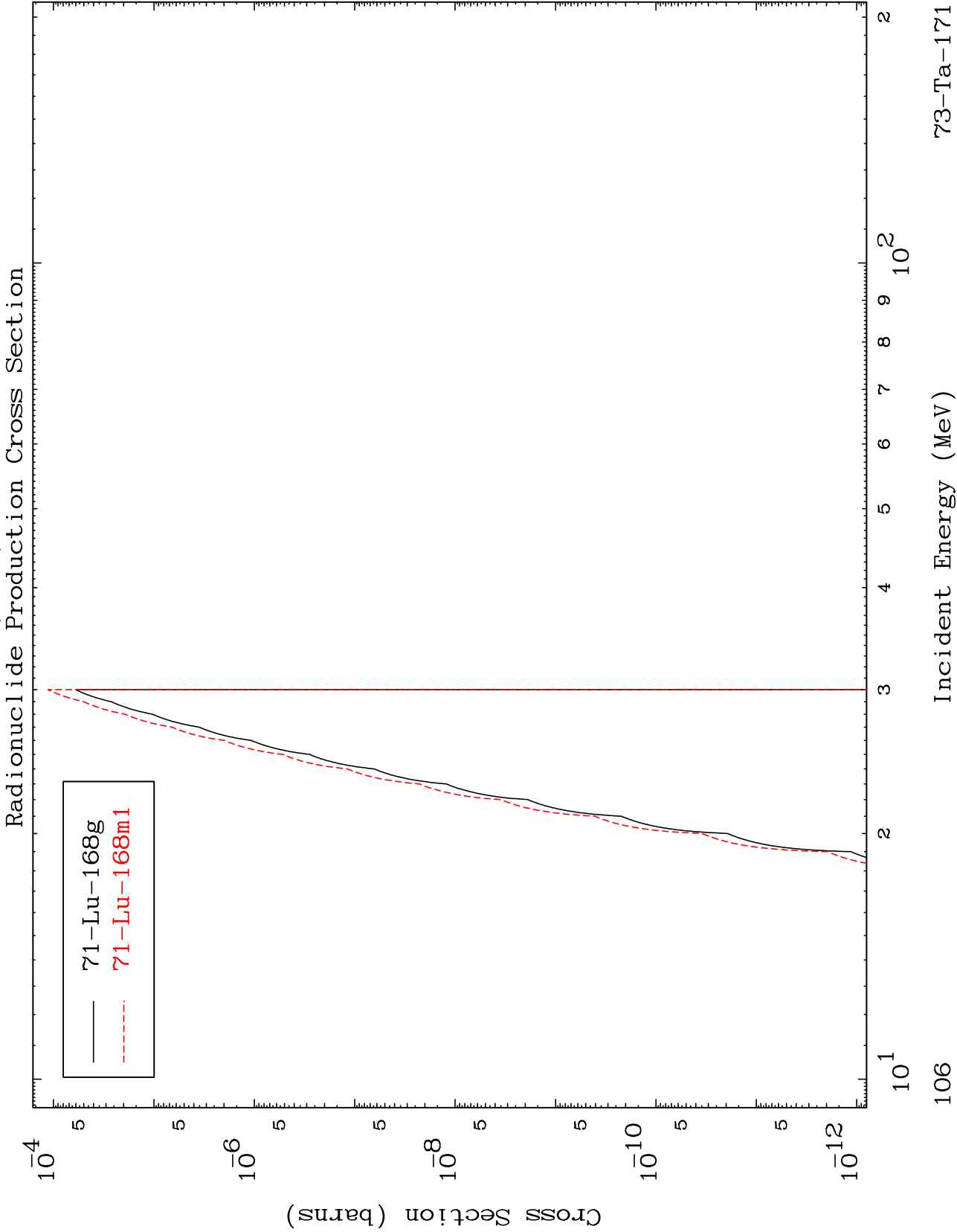
Incident Energy (MeV)

$^{73}\text{Ta-171}$

MAT 7298

(n,n') He-3

73-Ta-171



106

Incident Energy (MeV)

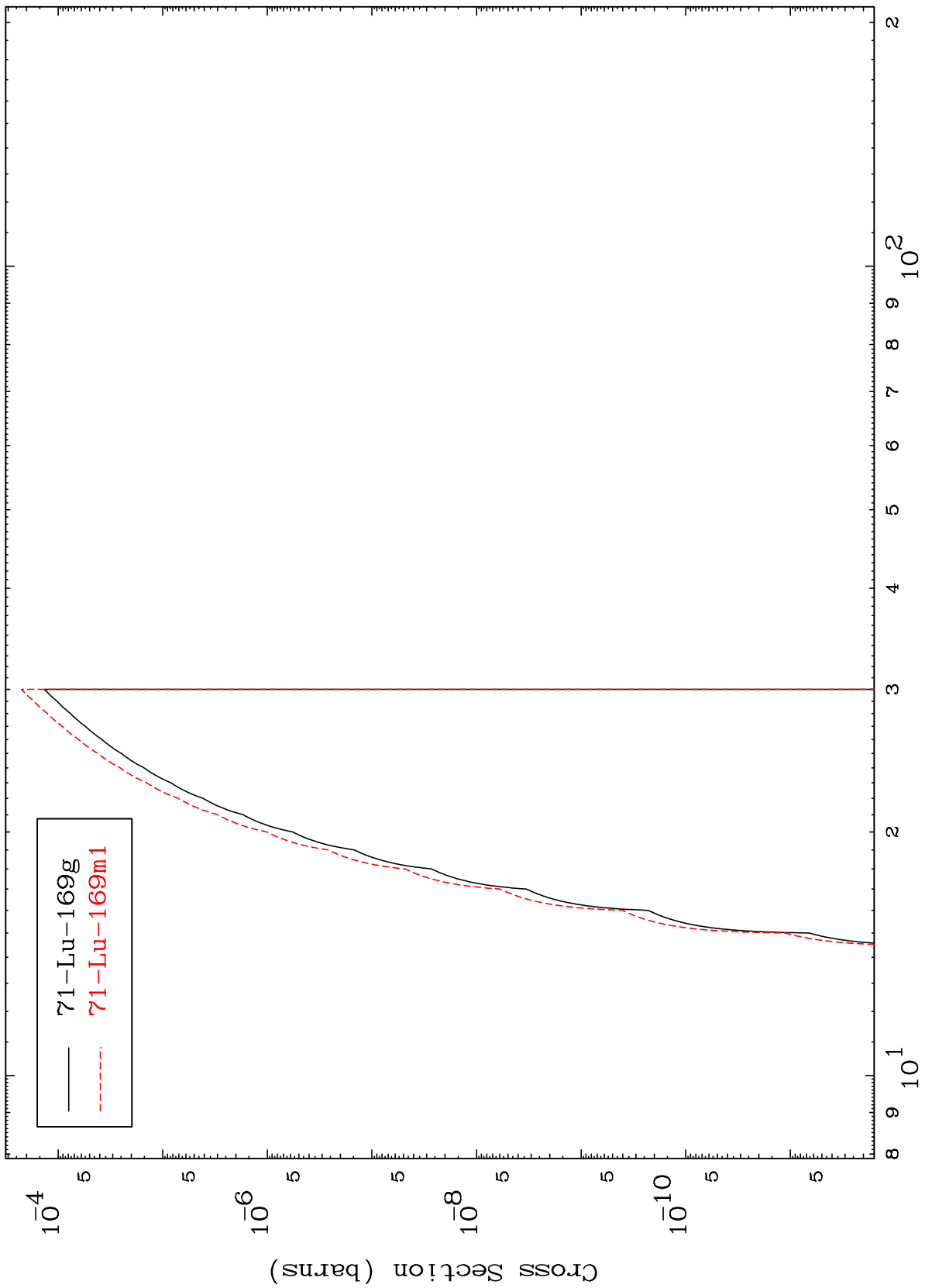
73-Ta-171

MAT 7298

⁷³Ta-171

(n,2n) p

Radionuclide Production Cross Section



107

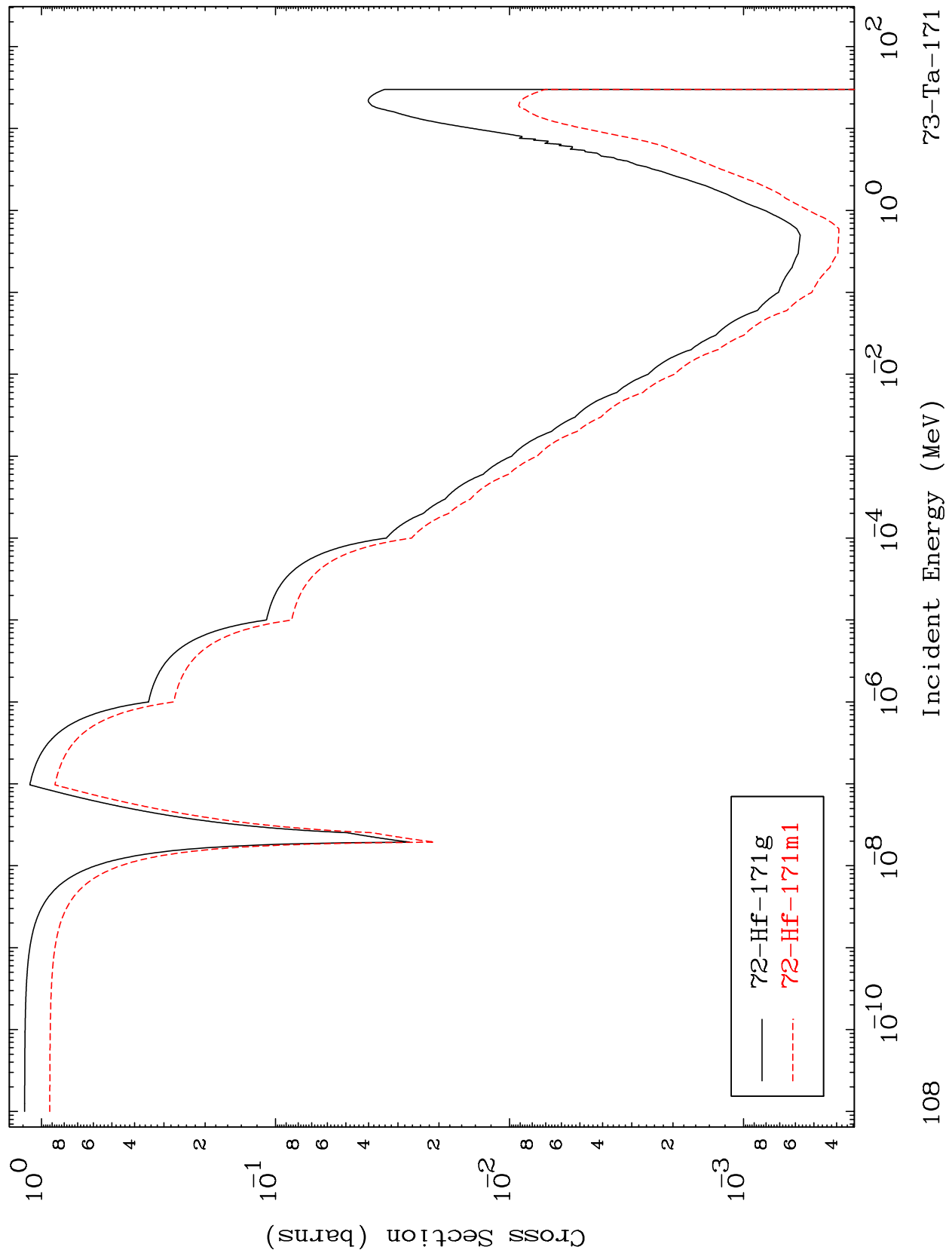
Incident Energy (MeV)

⁷³Ta-171

MAT 7298

73-Ta-171

(n,p)
Radionuclide Production Cross Section

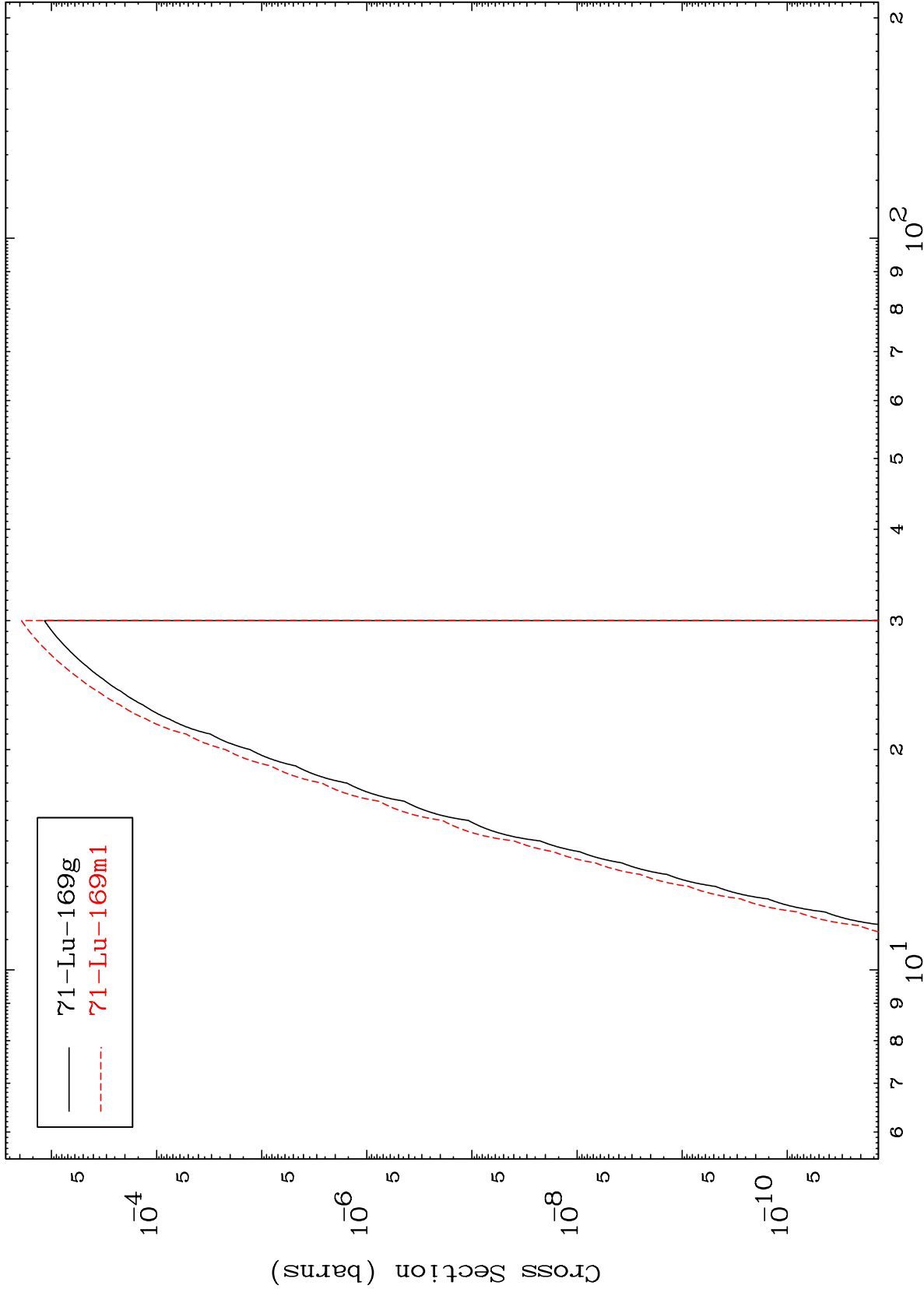


MAT 7298

(n,He-3)

73-Ta-171

Radionuclide Production Cross Section



109

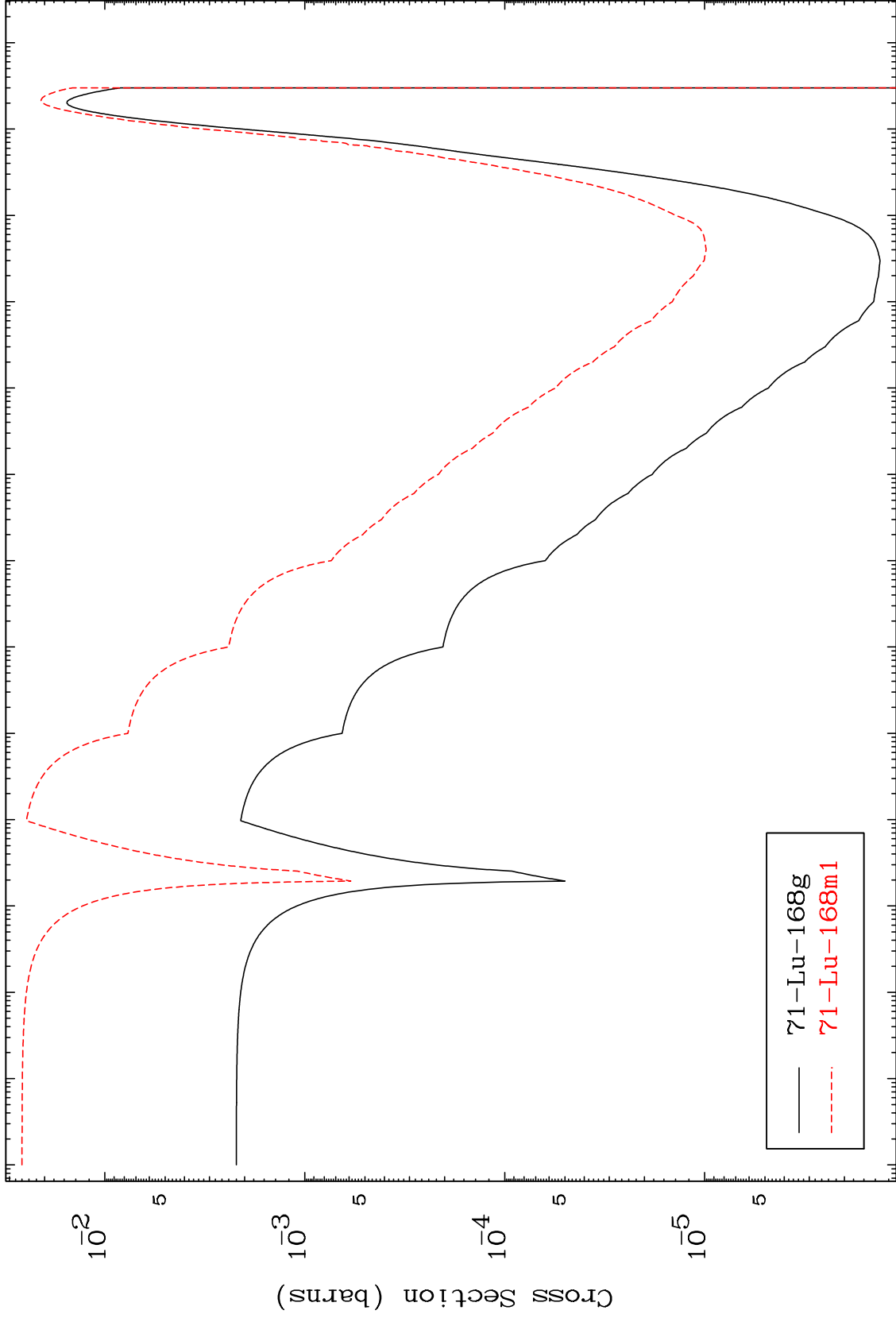
Incident Energy (MeV)

73-Ta-171

MAT 7298

73-Ta-171

(n, α)
Radionuclide Production Cross Section



— 71-Lu-168g
- - - 71-Lu-168m1

110

Incident Energy (MeV)

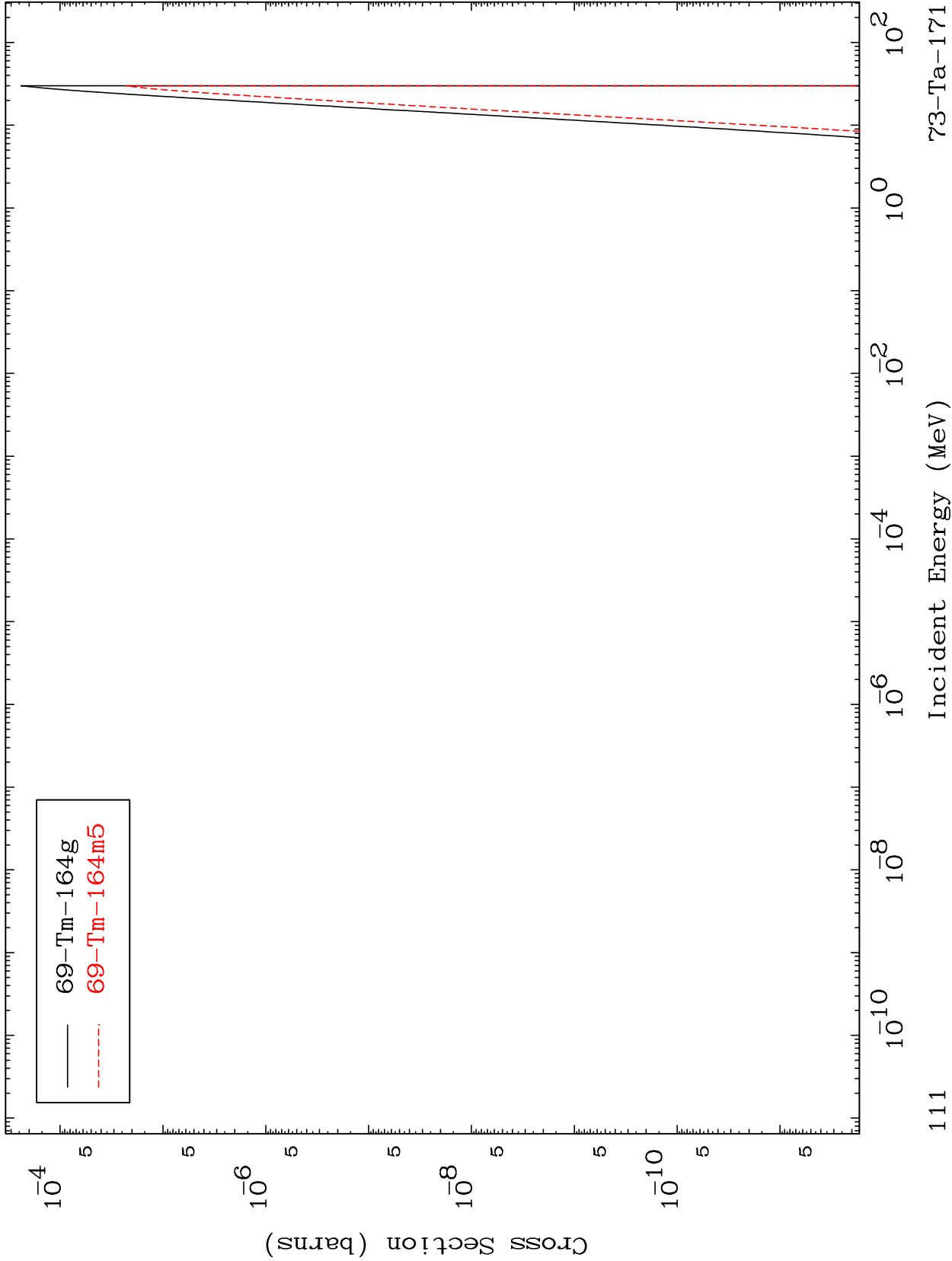
73-Ta-171

MAT 7298

(n,2α)

⁷³Ta-171

Radionuclide Production Cross Section

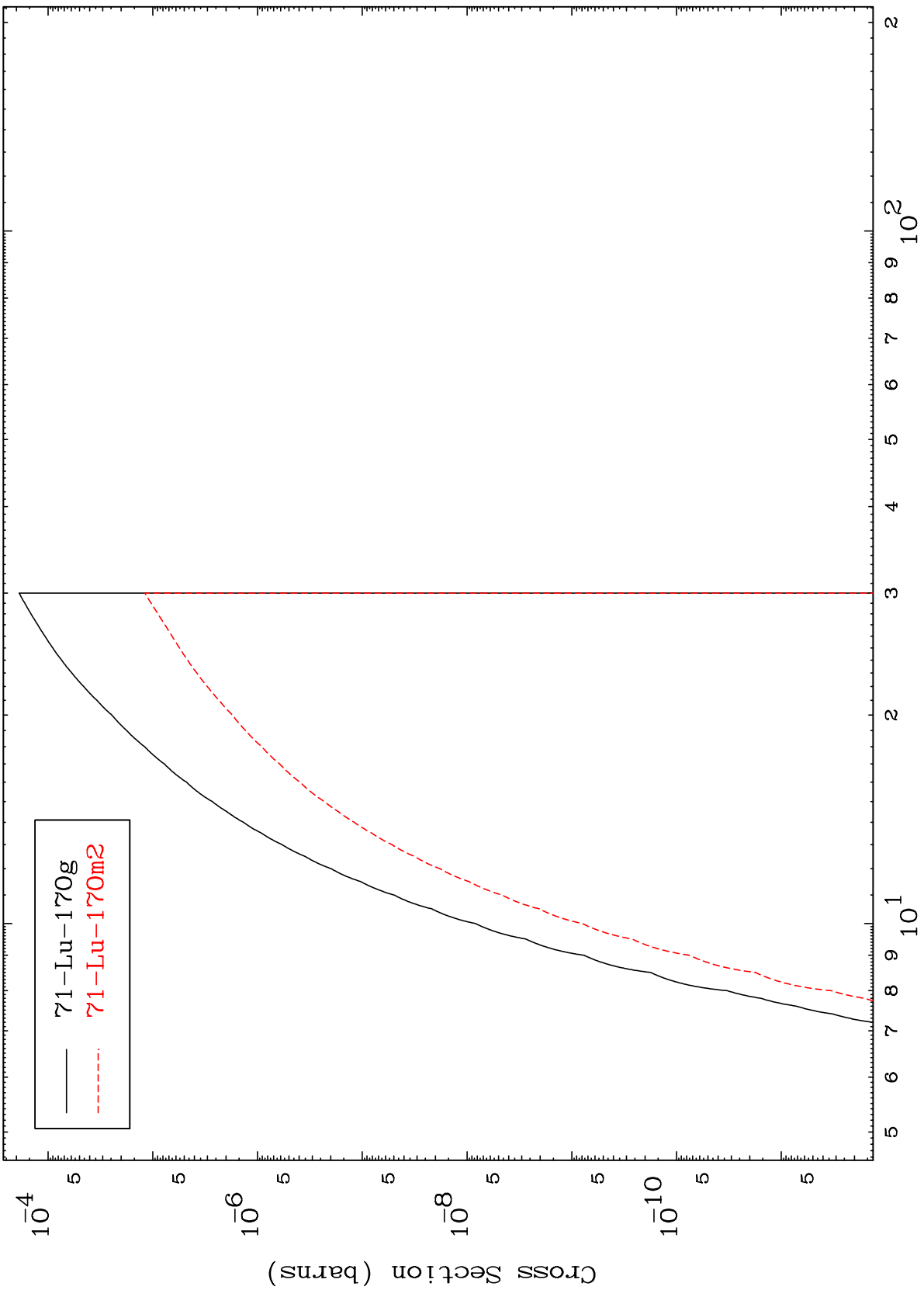


— 69-Tm-164g
- - - 69-Tm-164m5

MAT 7298

73-Ta-171

(n,2p)
Radionuclide Production Cross Section



71-Lu-170g
71-Lu-170m2

112

Incident Energy (MeV)

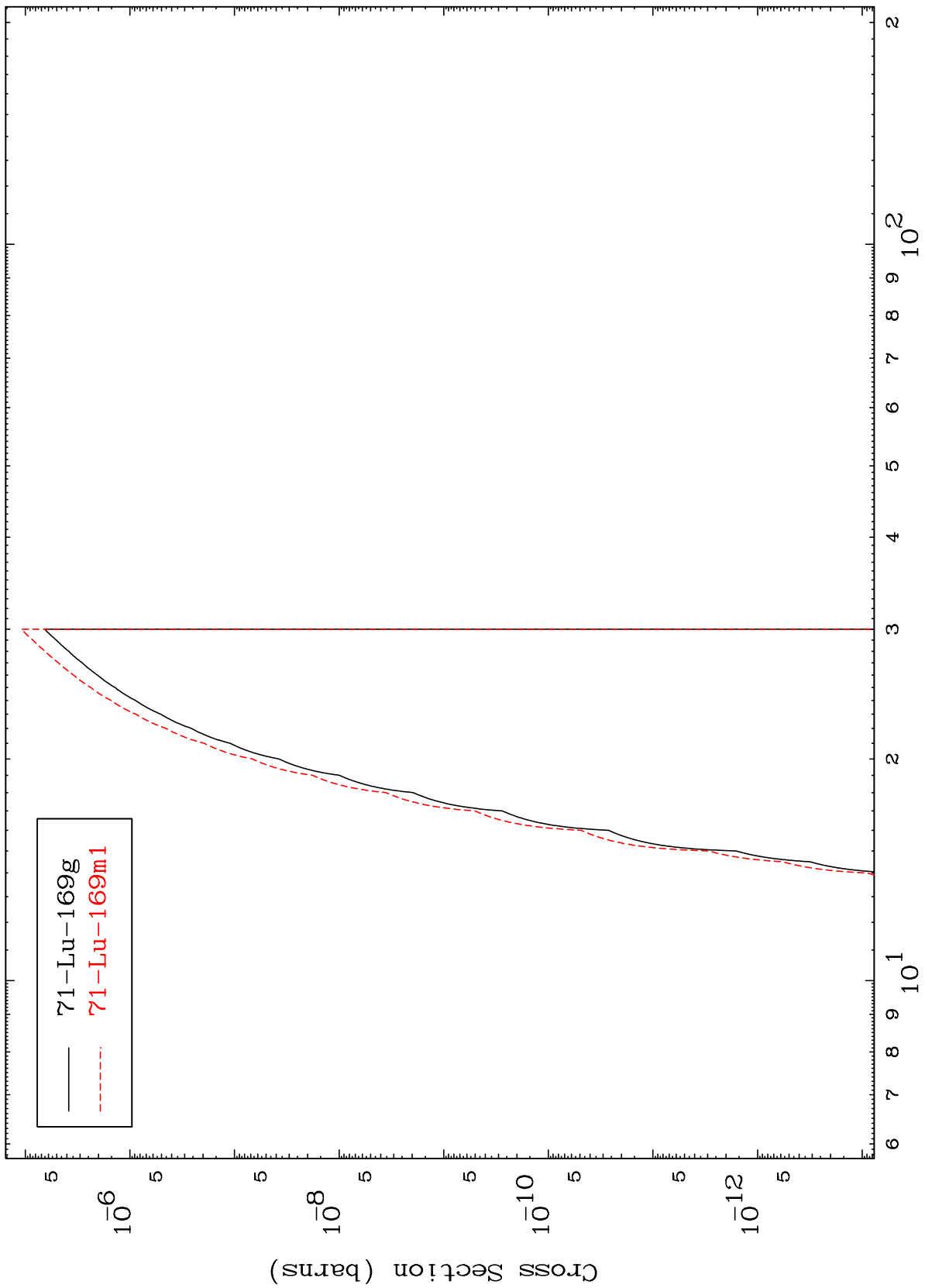
73-Ta-171

MAT 7298

(n,p) d

73-Ta-171

Radionuclide Production Cross Section



71-Lu-169g
71-Lu-169m1

113

Incident Energy (MeV)

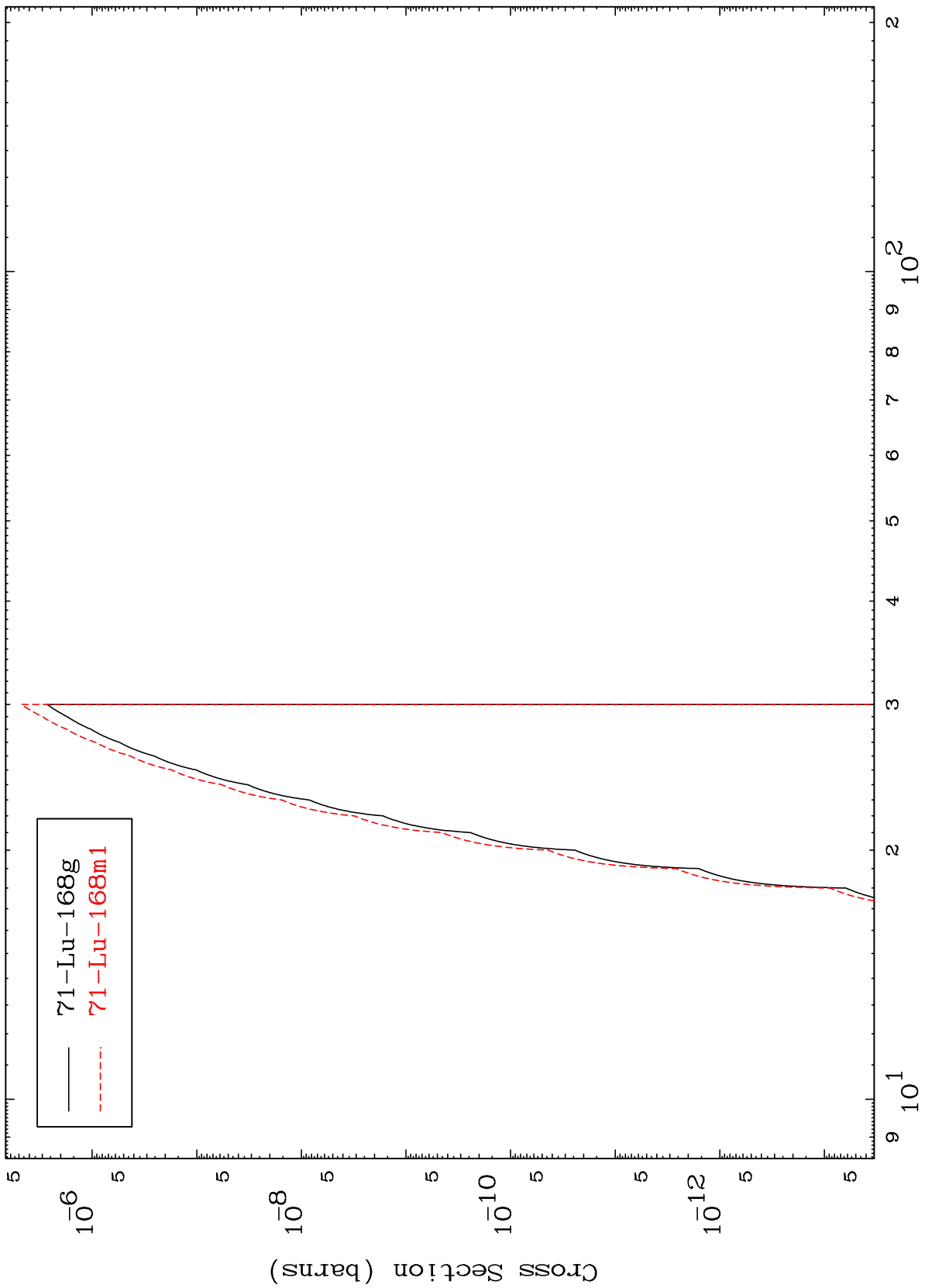
73-Ta-171

MAT 7298

(n,p) t

73-Ta-171

Radionuclide Production Cross Section



114

Incident Energy (MeV)

73-Ta-171