

Program EVALPLOT
(Version 2015-2)

by

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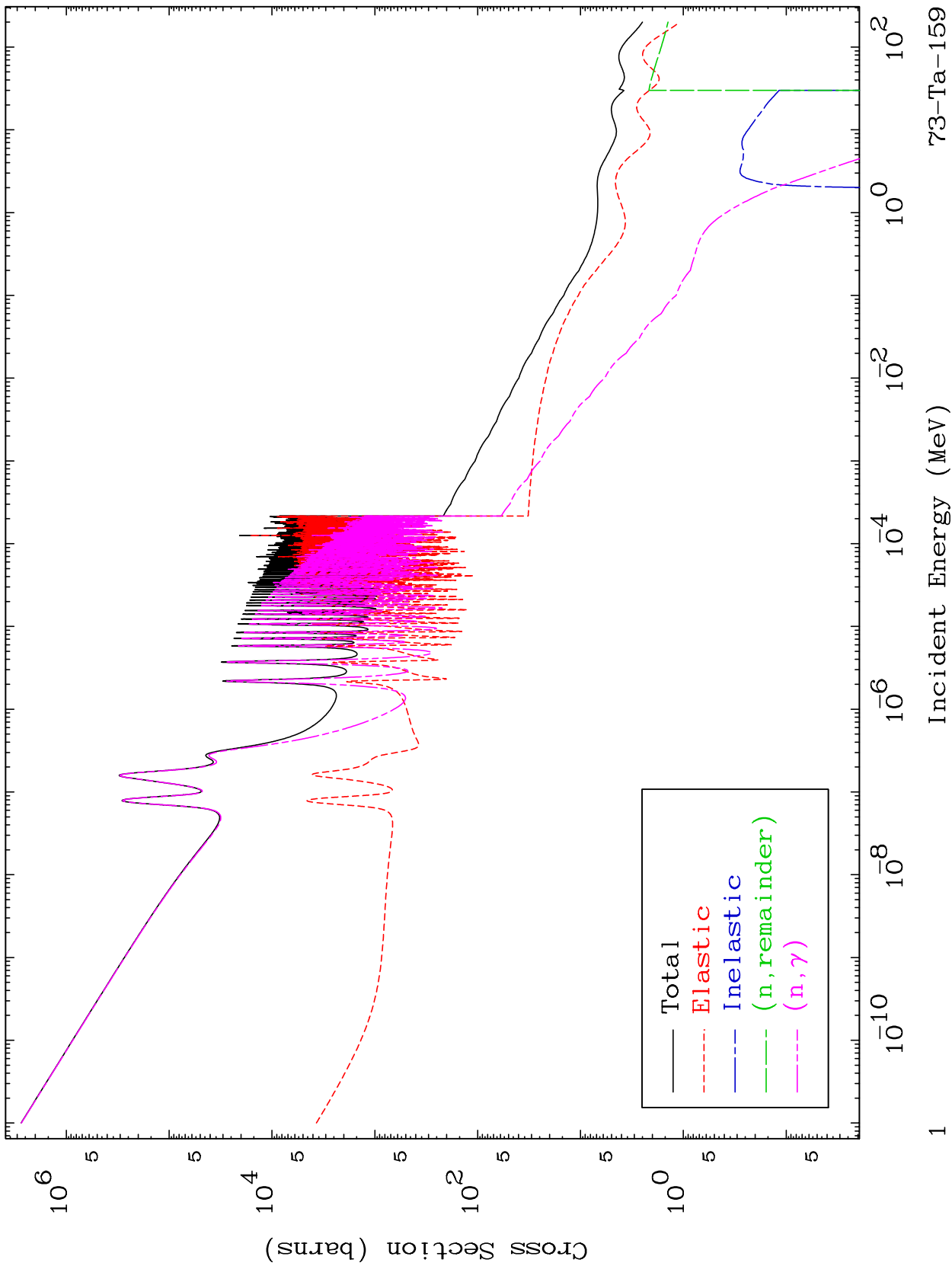
Press Mouse Button to Start

MAT 7262

Major

293 Kelvin Cross Sections

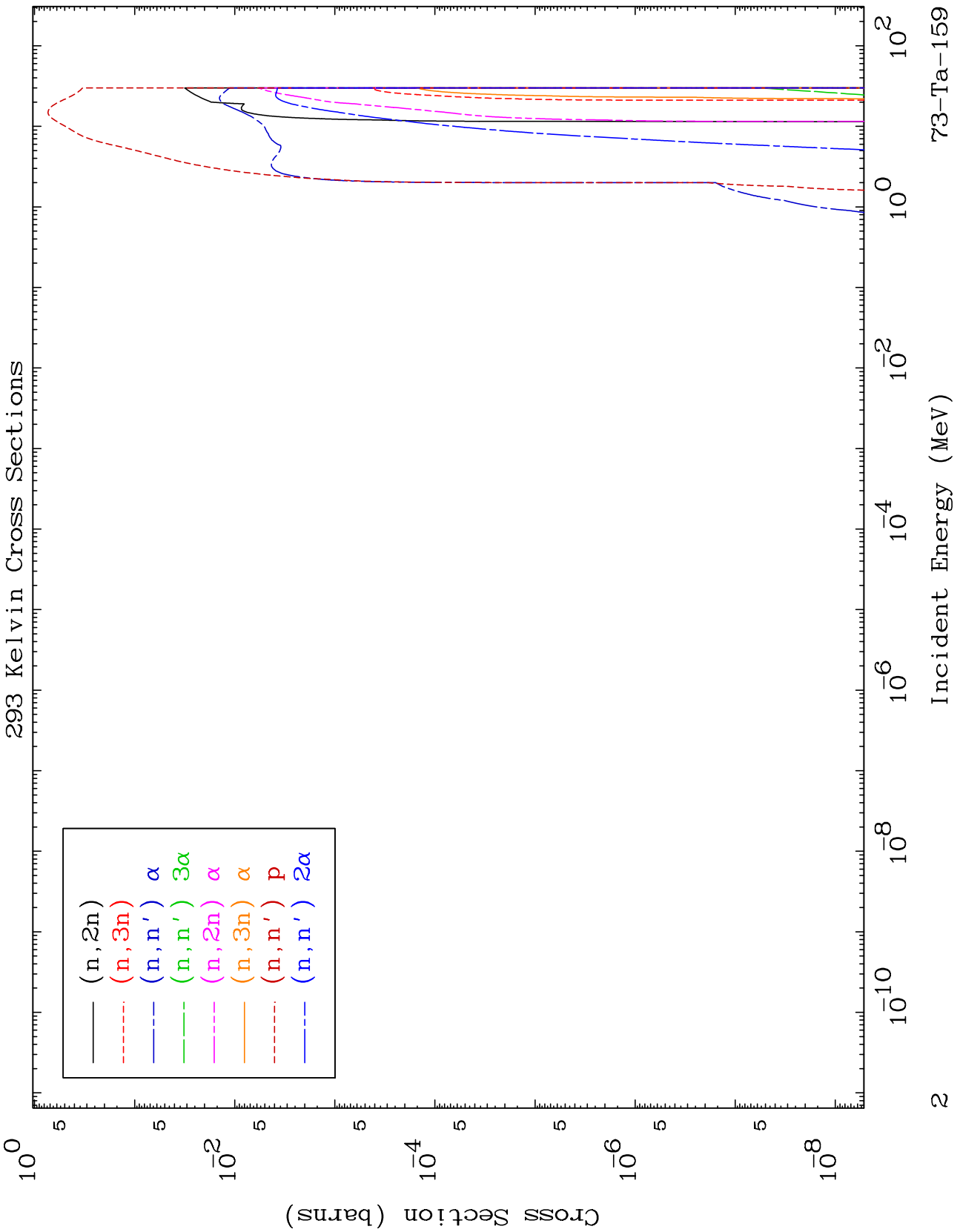
73-Ta-159



MAT 7262

Neutron Production
293 Kelvin Cross Sections

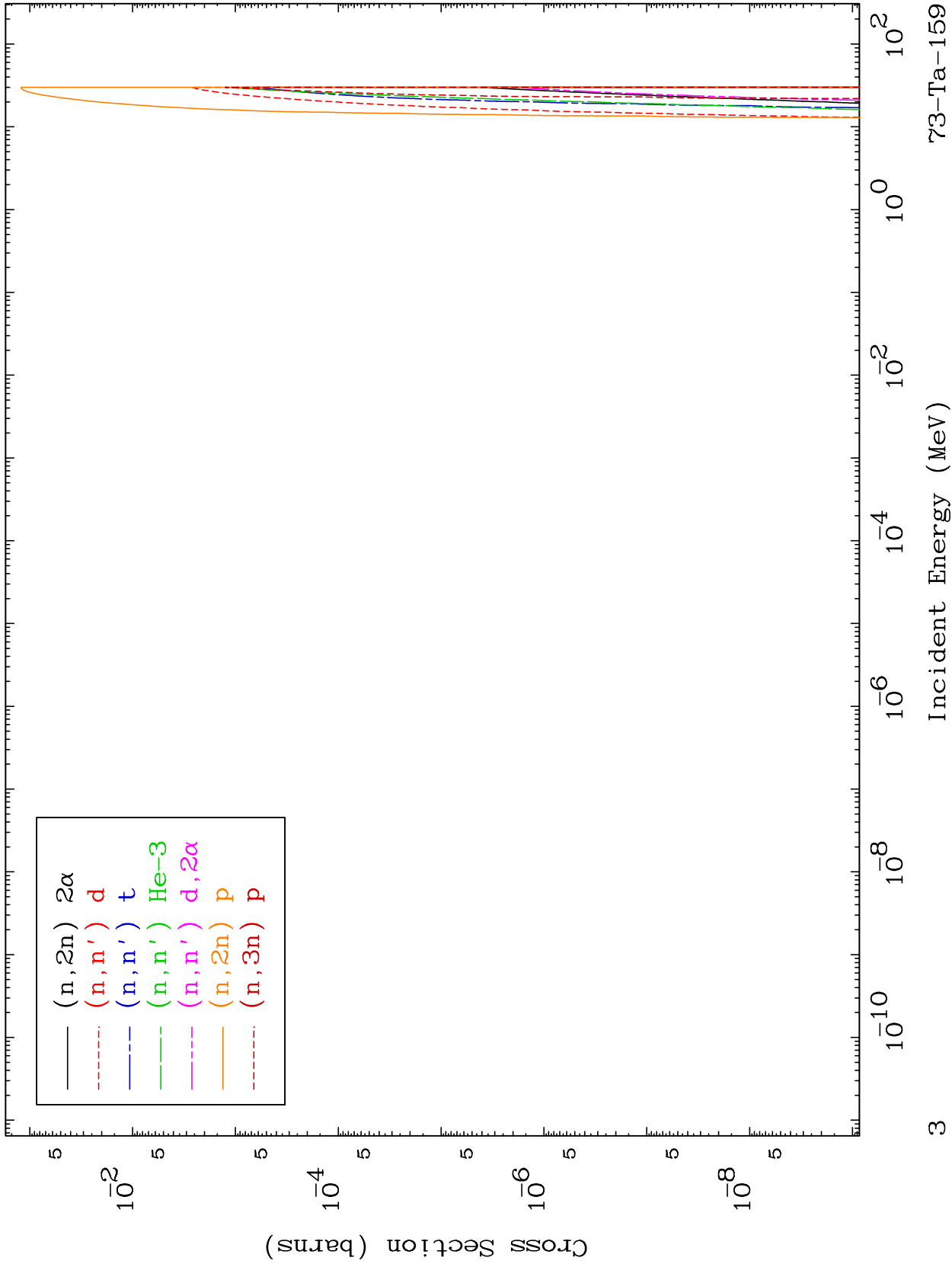
73-Ta-159



MAT 7262

Neutron Production
293 Kelvin Cross Sections

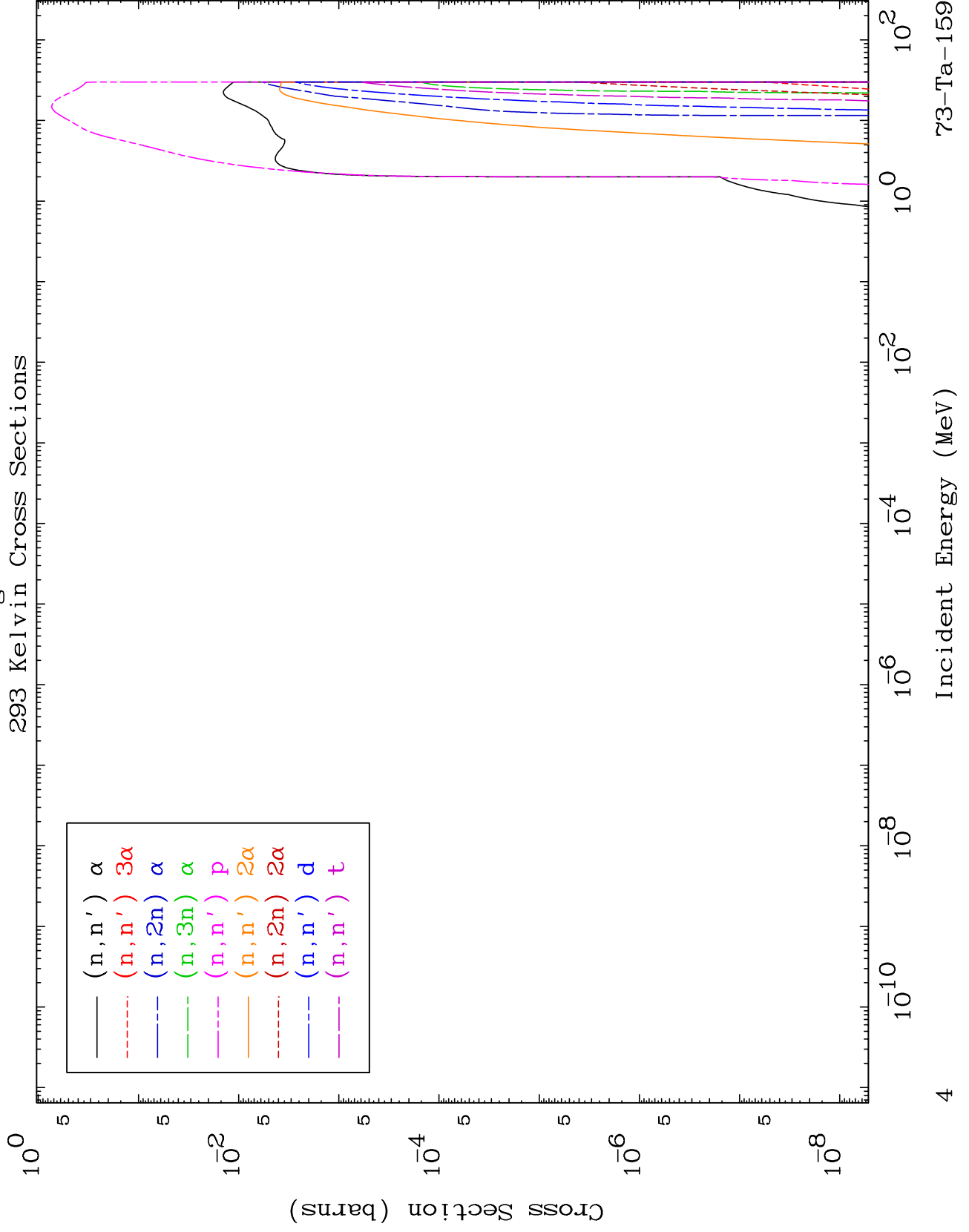
73-Ta-159

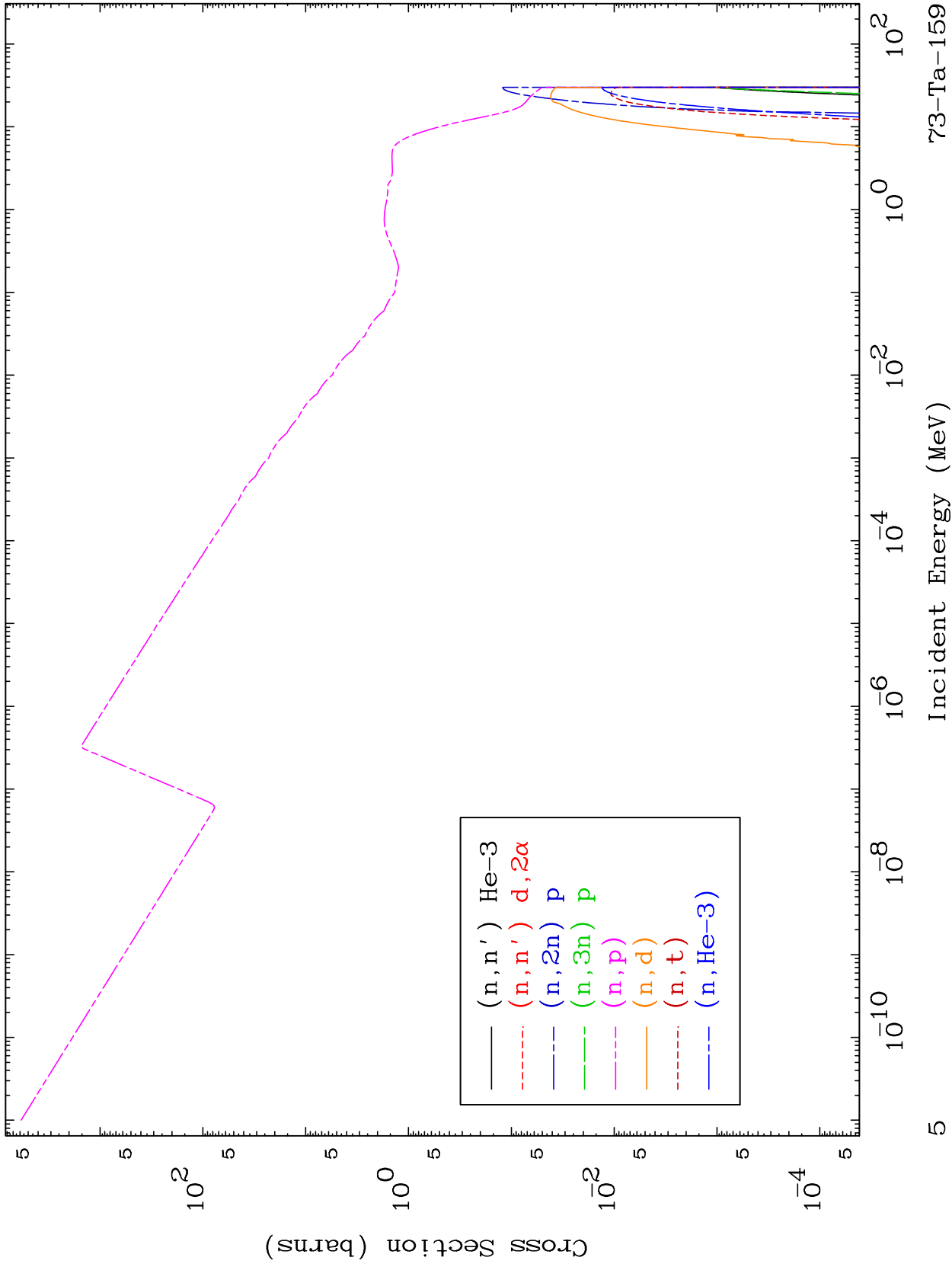


MAT 7262

Charged Particle
293 Kelvin Cross Sections

73-Ta-159

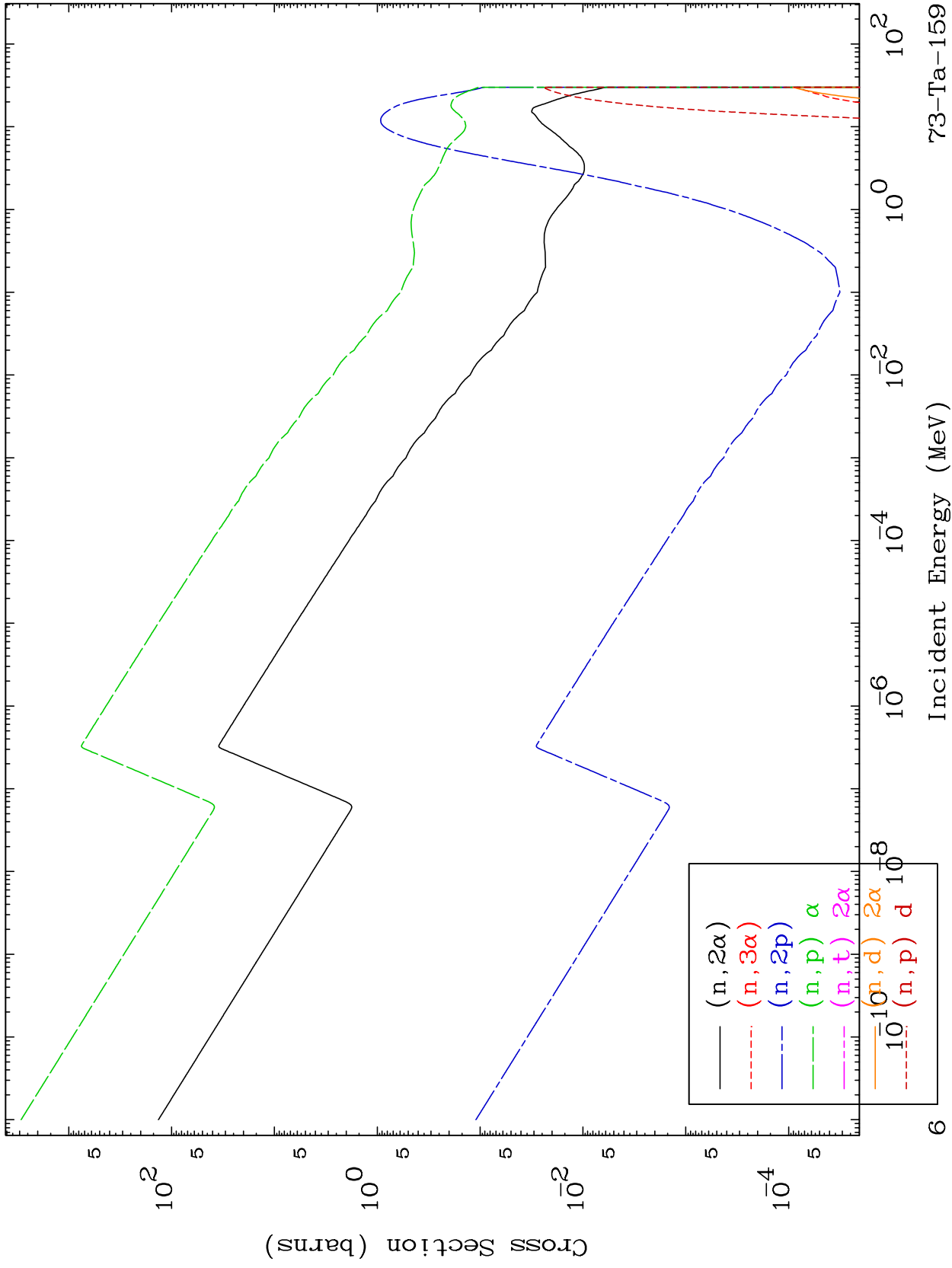




MAT 7262

Charged Particle
293 Kelvin Cross Sections

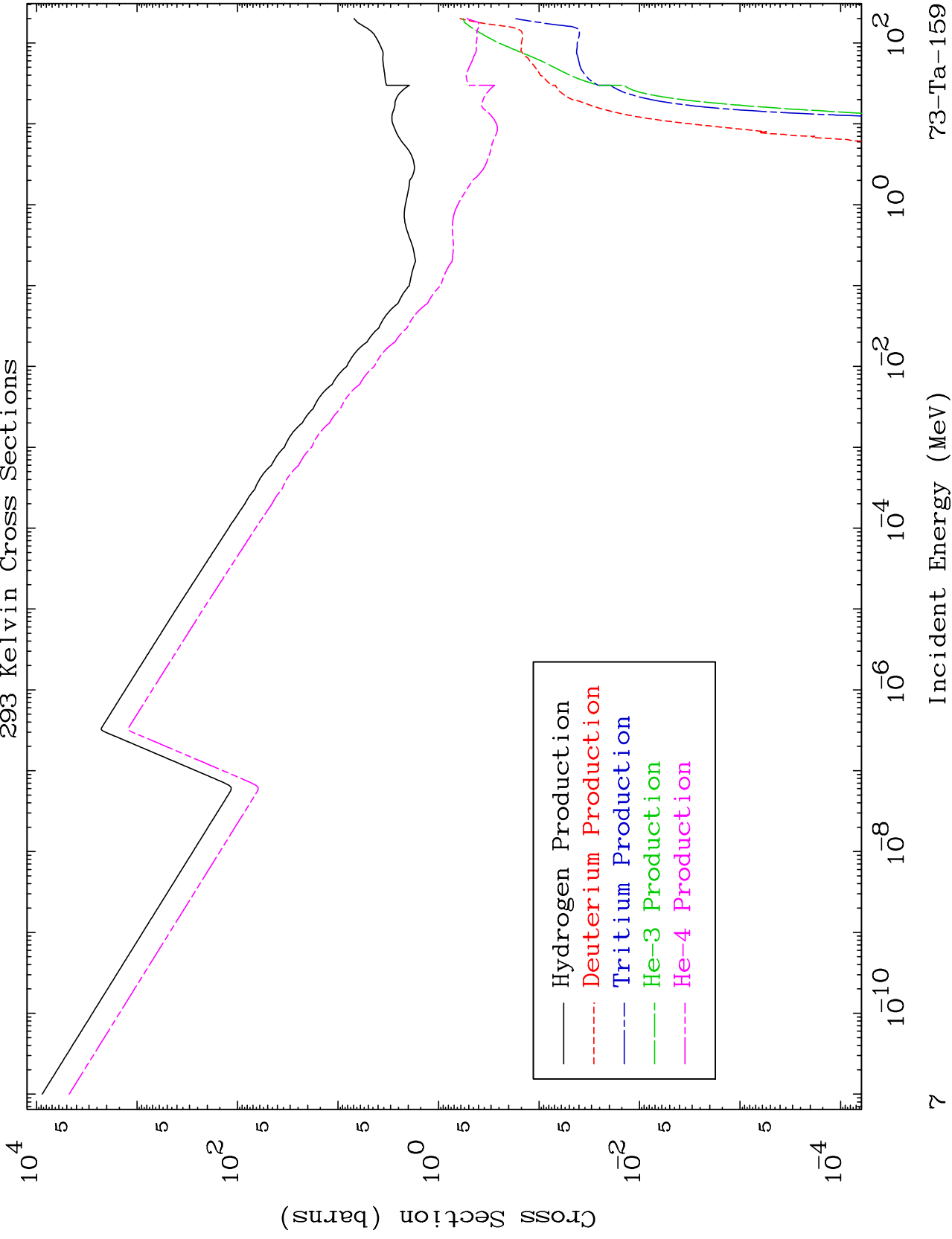
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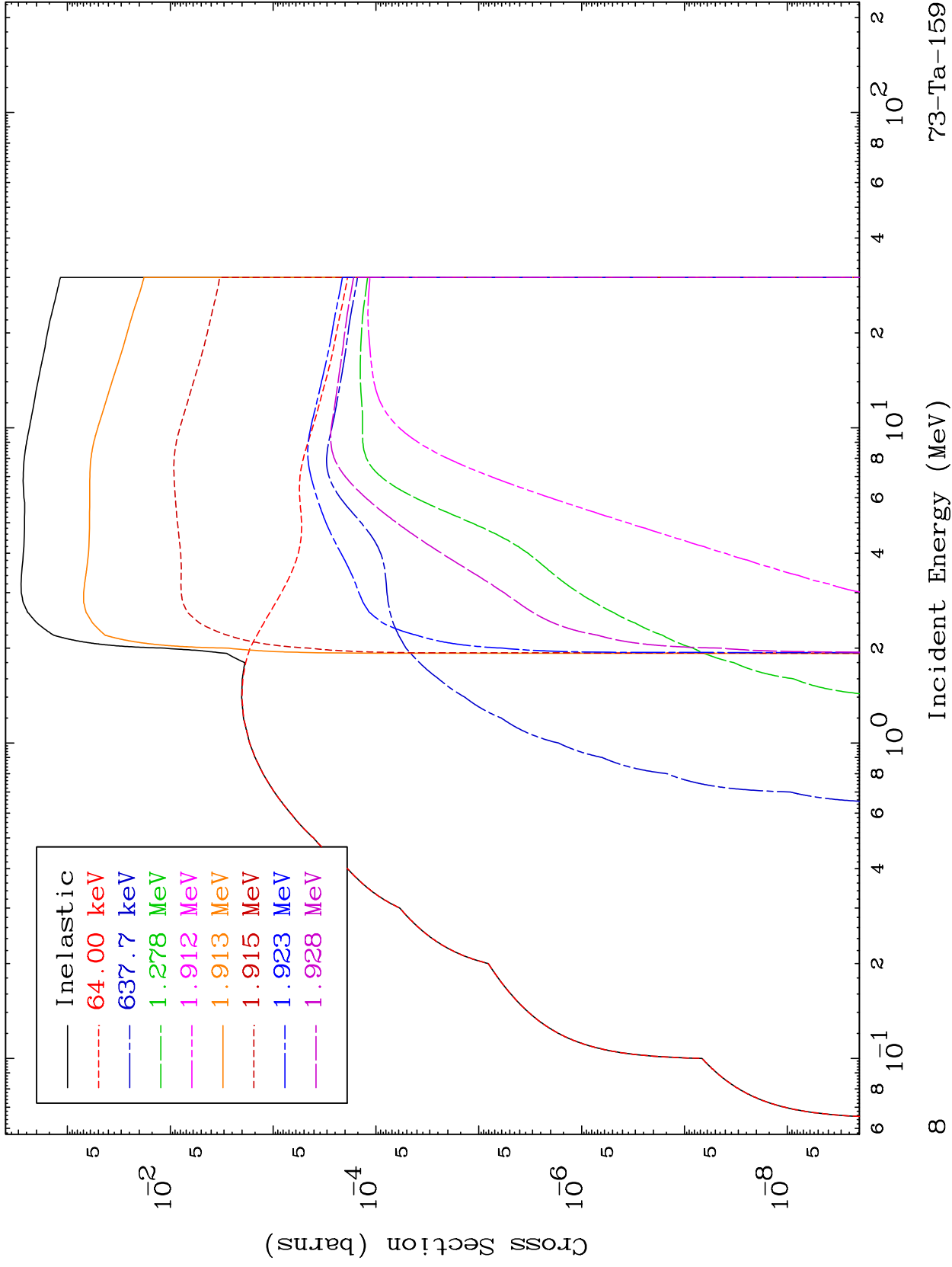


MAT 7262

Particle Production
293 Kelvin Cross Sections

73-Ta-159

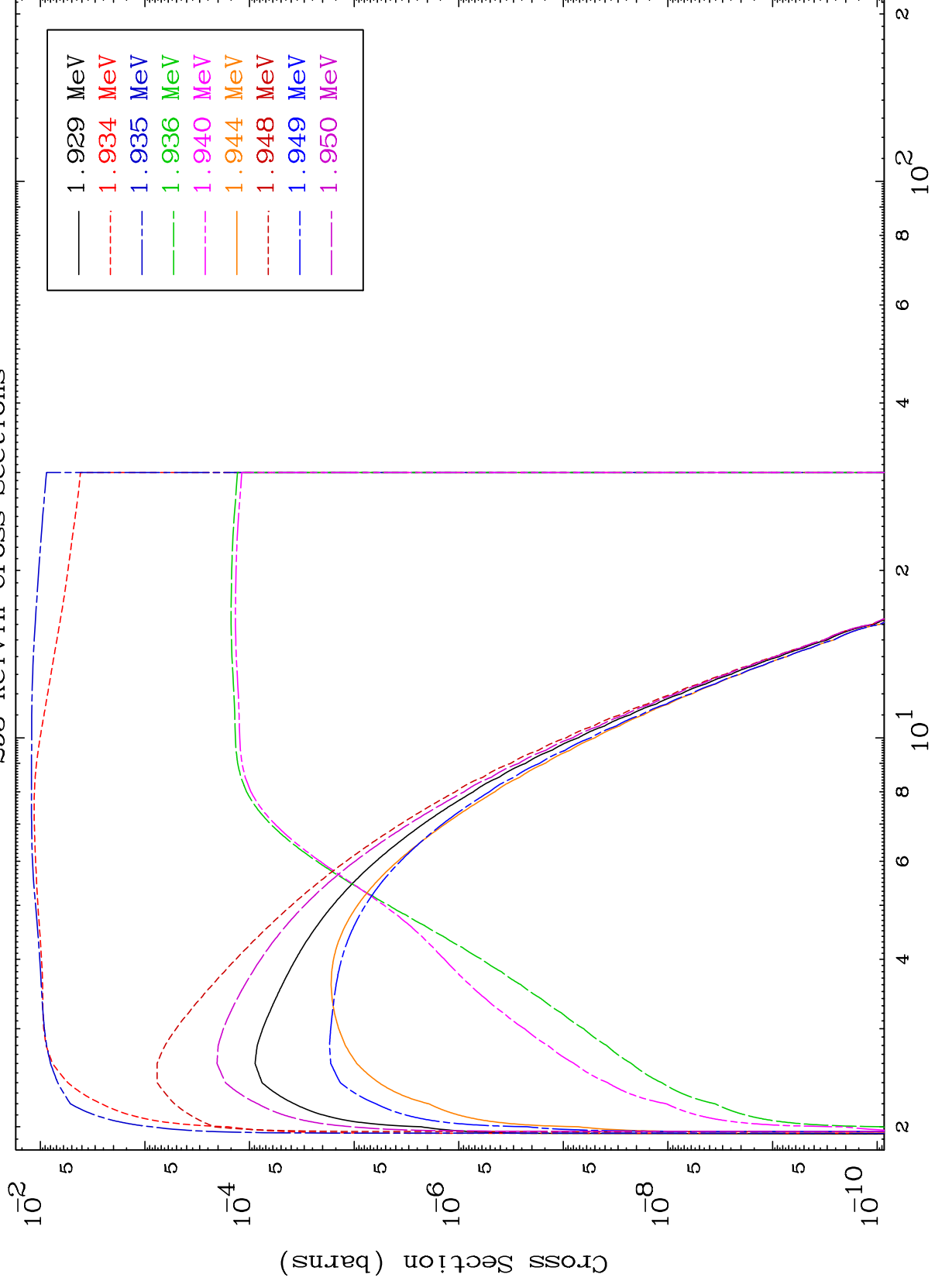




MAT 7262

(n,n') Level
293 Kelvin Cross Sections

73-Ta-159



9

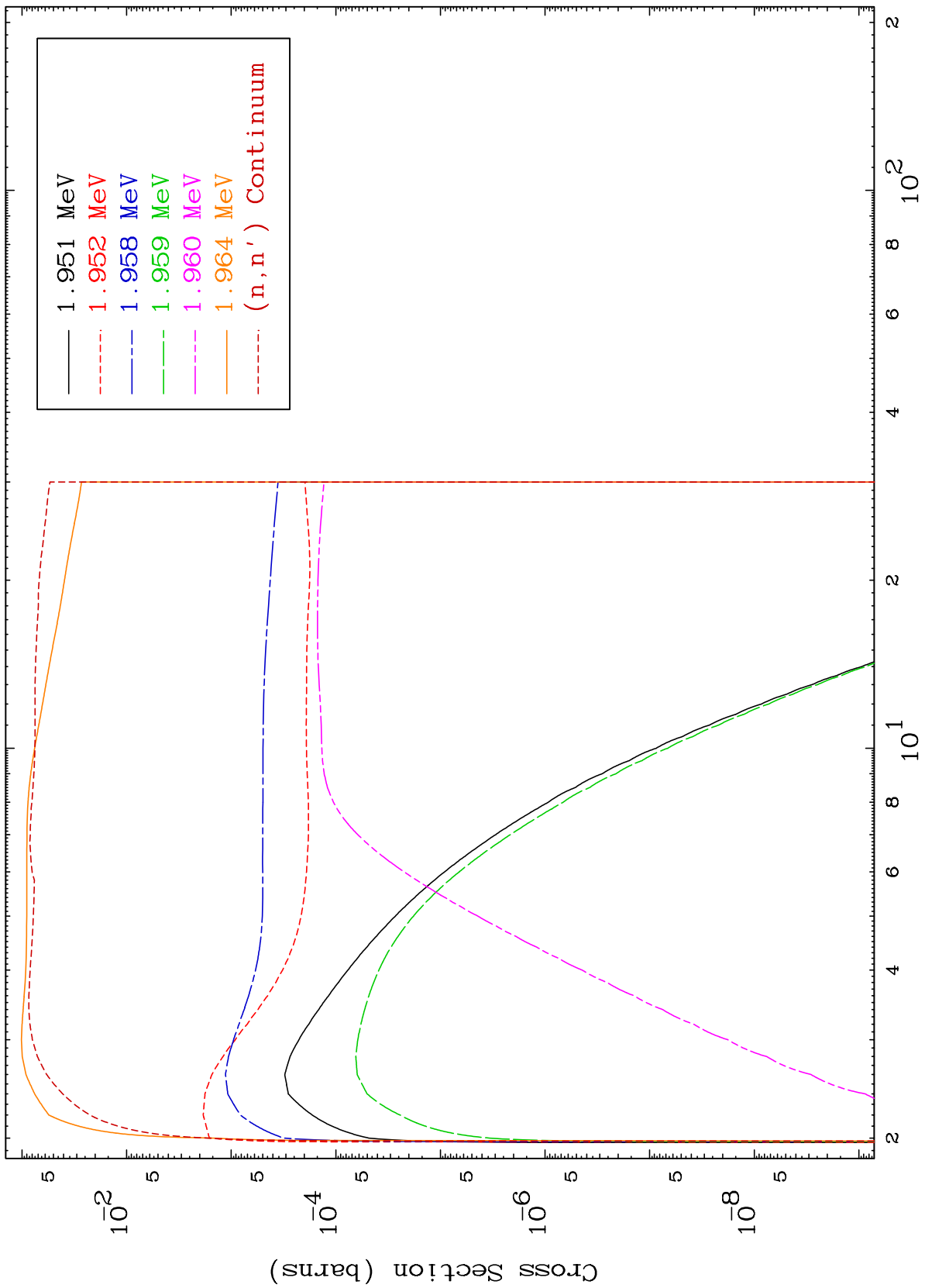
Incident Energy (MeV)

73-Ta-159

MAT 7262

(n,n') Level
293 Kelvin Cross Sections

73-Ta-159



10

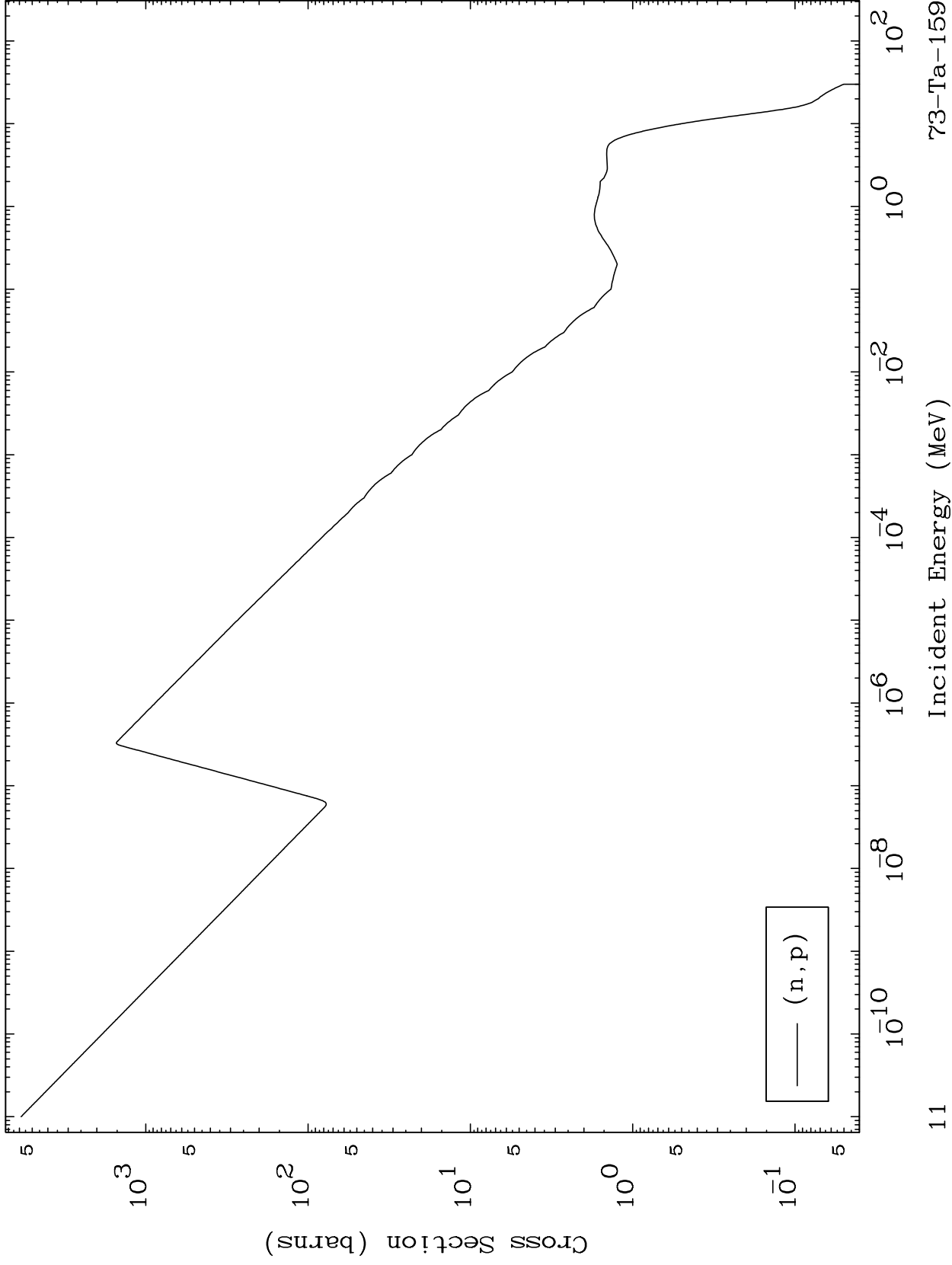
Incident Energy (MeV)

73-Ta-159

MAT 7262

(n,p) Levels
293 Kelvin Cross Sections

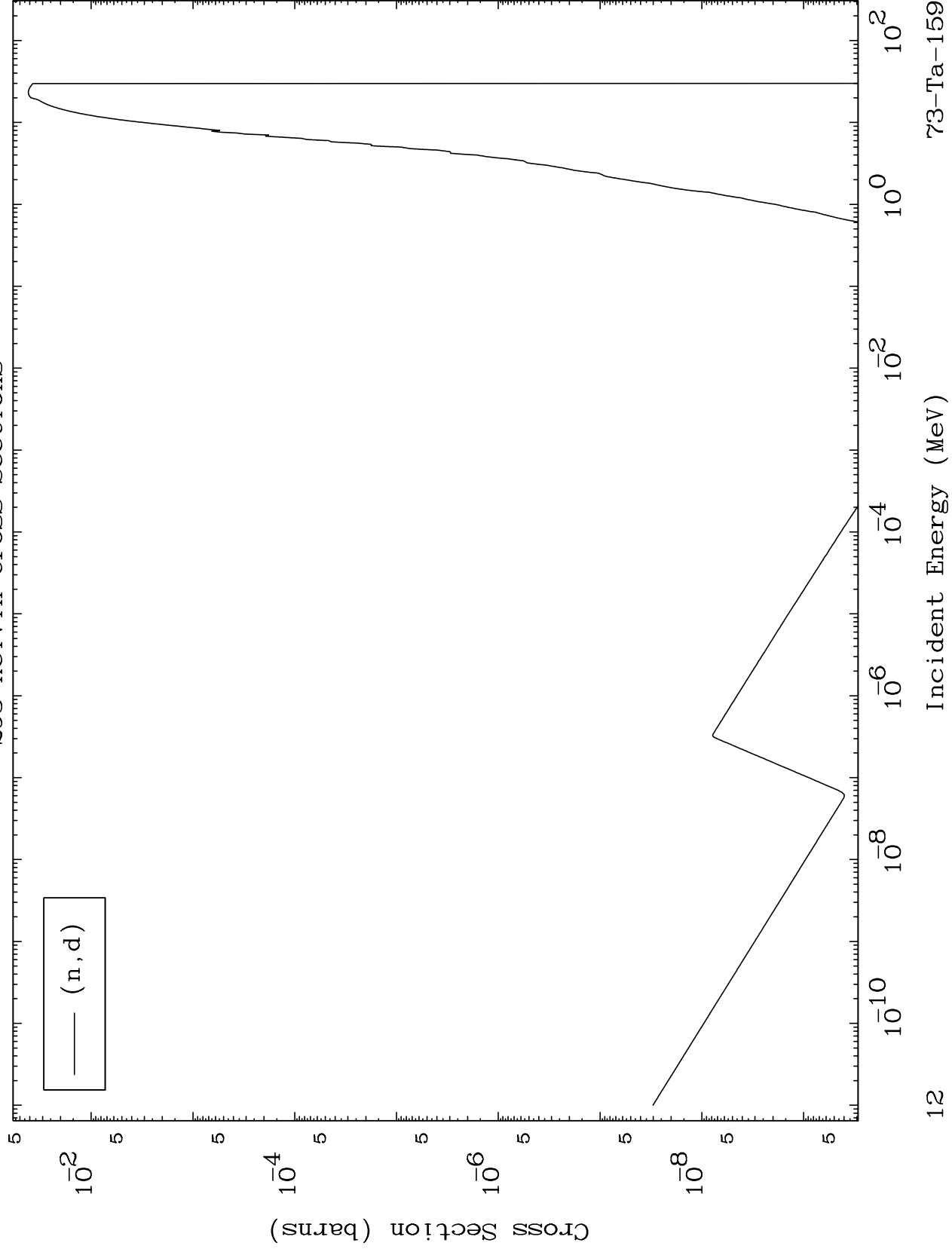
73-Ta-159



MAT 7262

(n,d) Levels
293 Kelvin Cross Sections

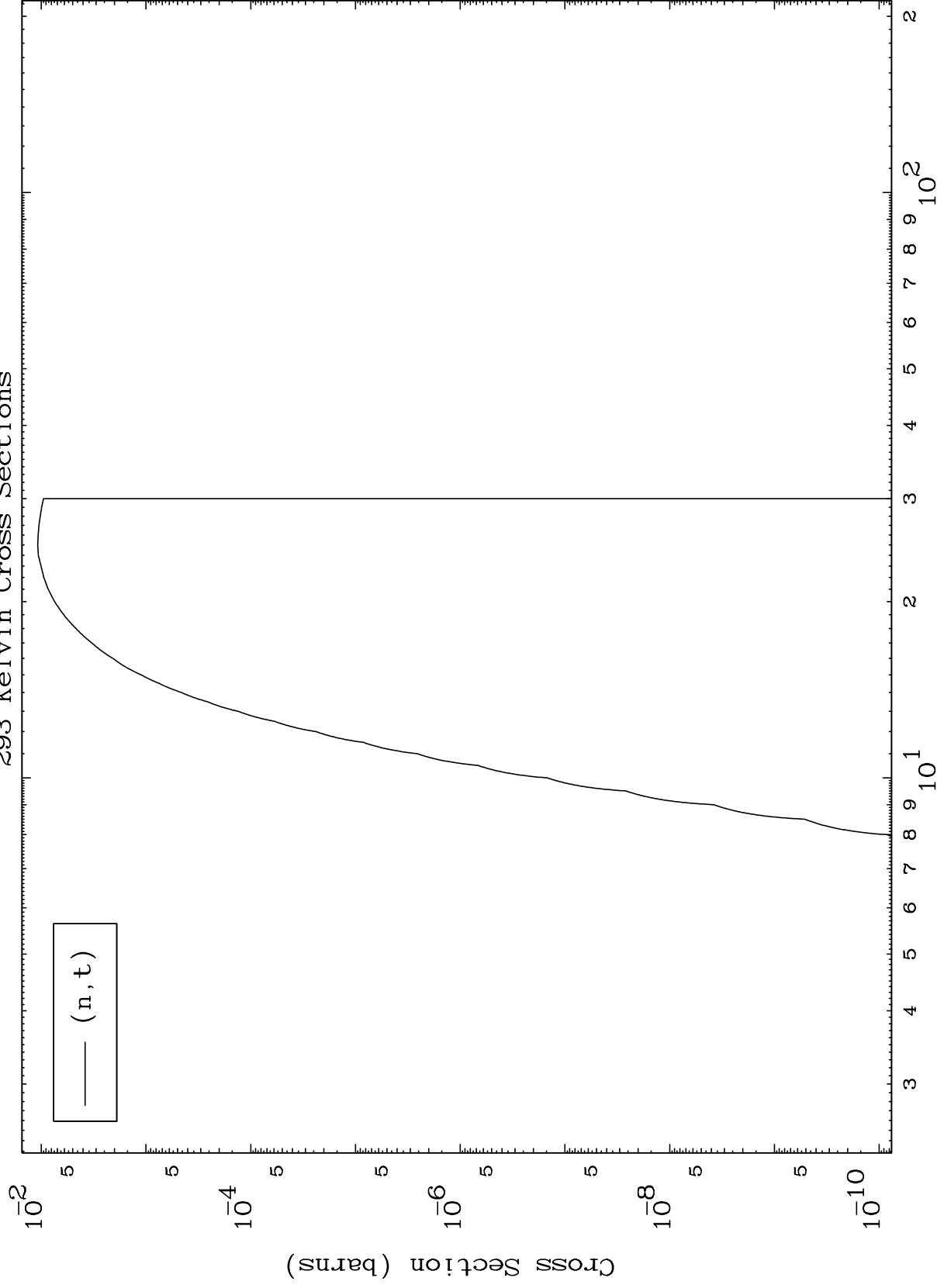
73-Ta-159



MAT 7262

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-159



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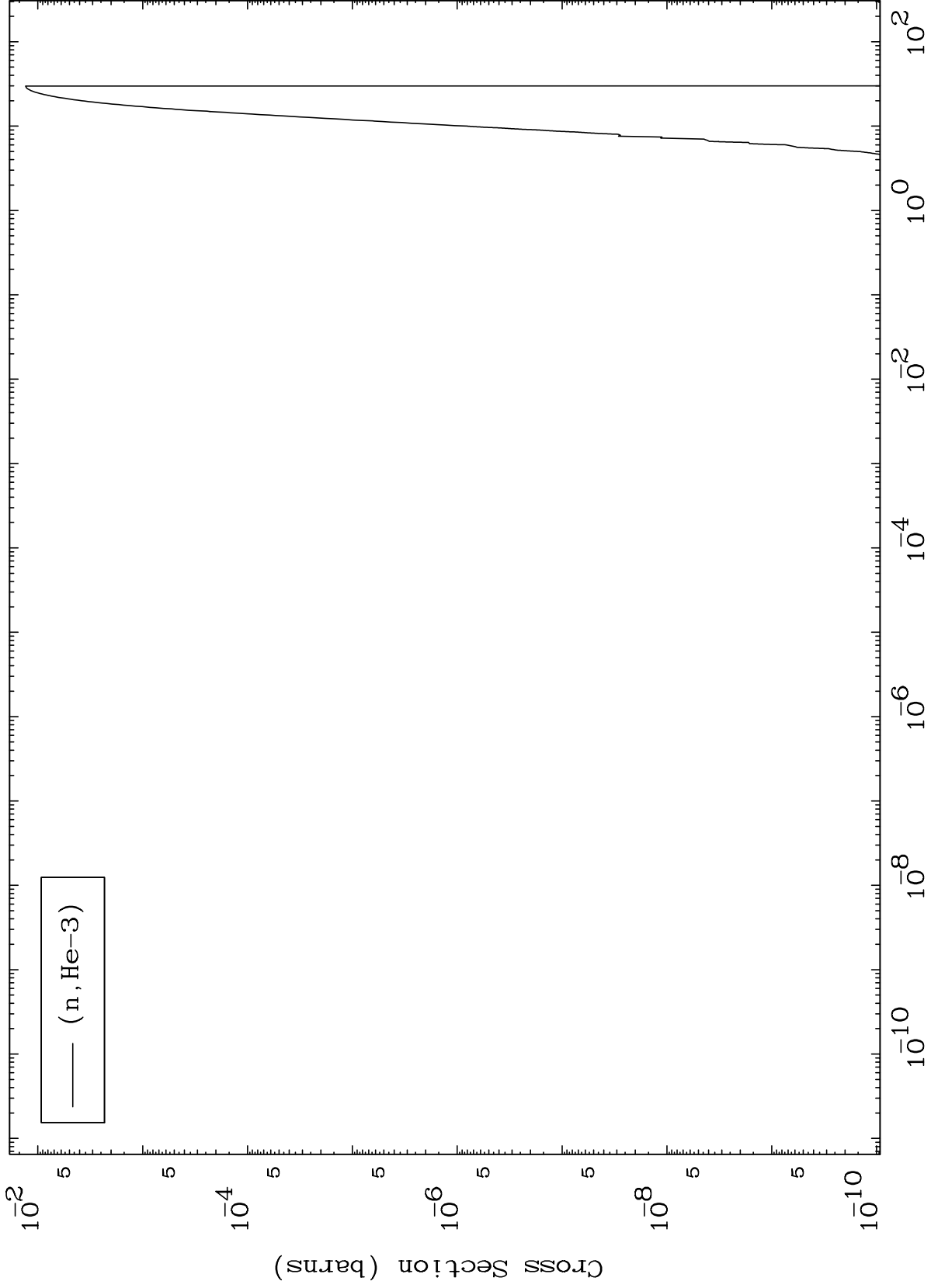
Incident Energy (MeV)

73-Ta-159

MAT 7262

(n,He3) Levels
293 Kelvin Cross Sections

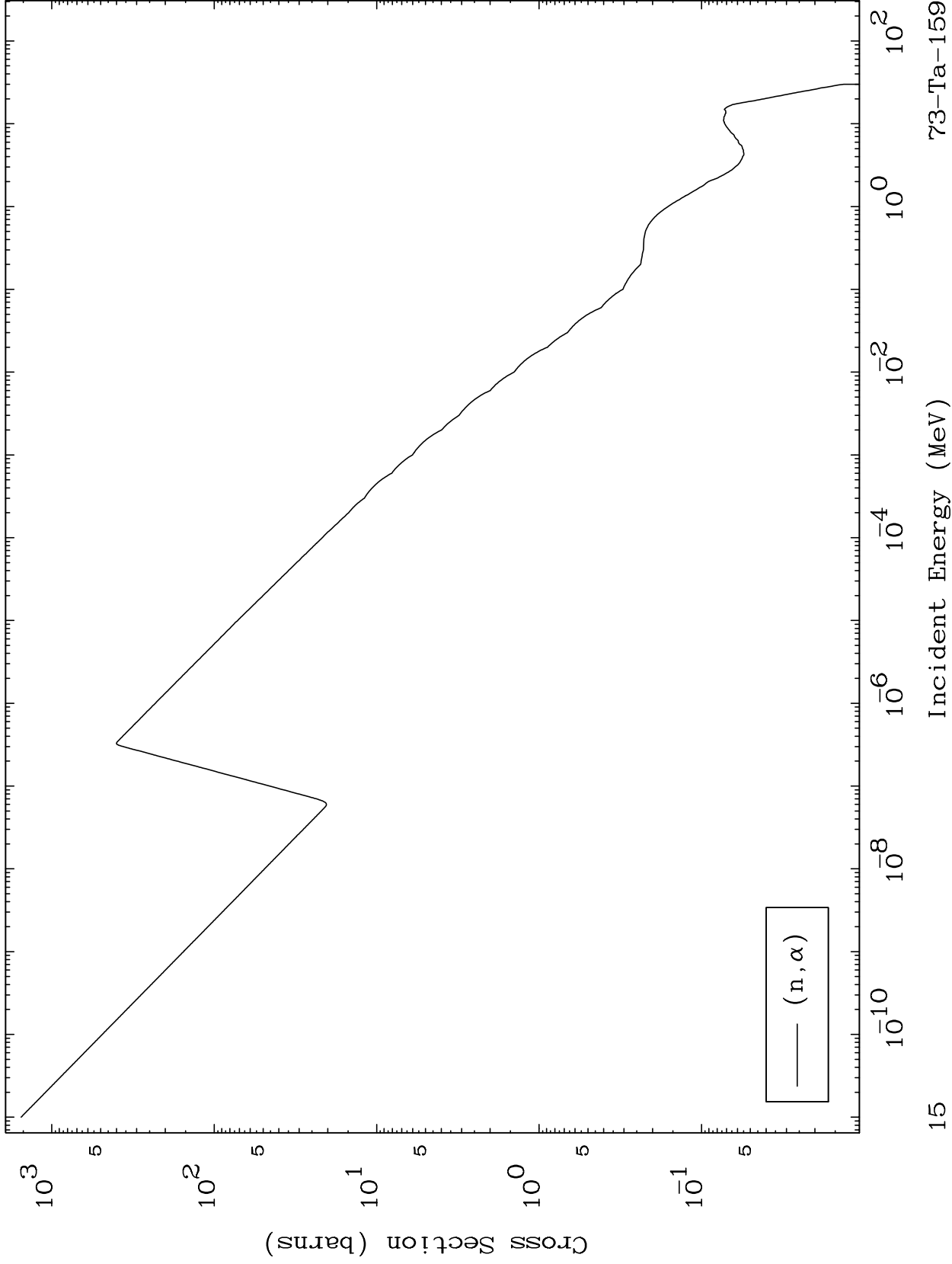
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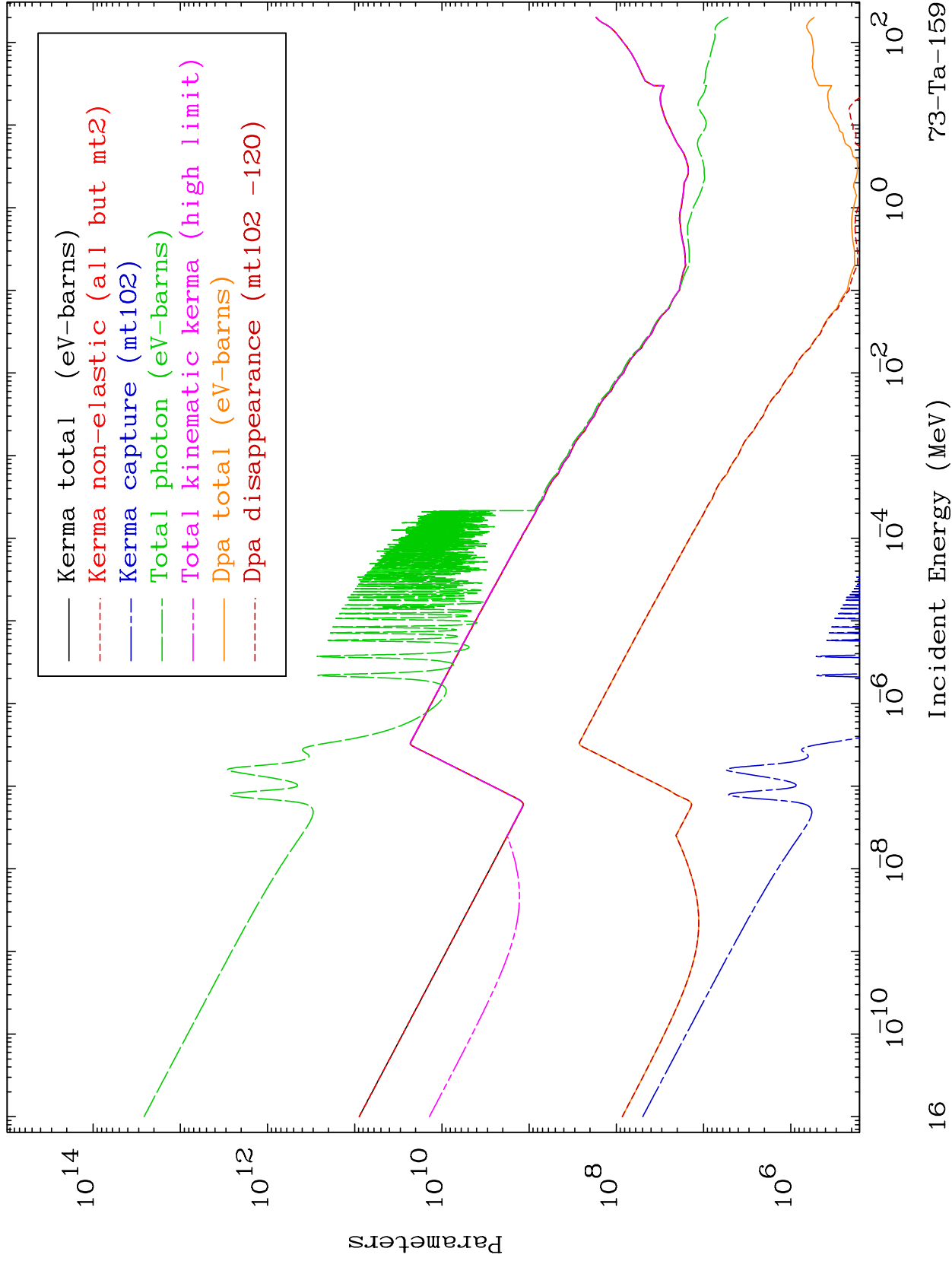


MAT 7262

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-159

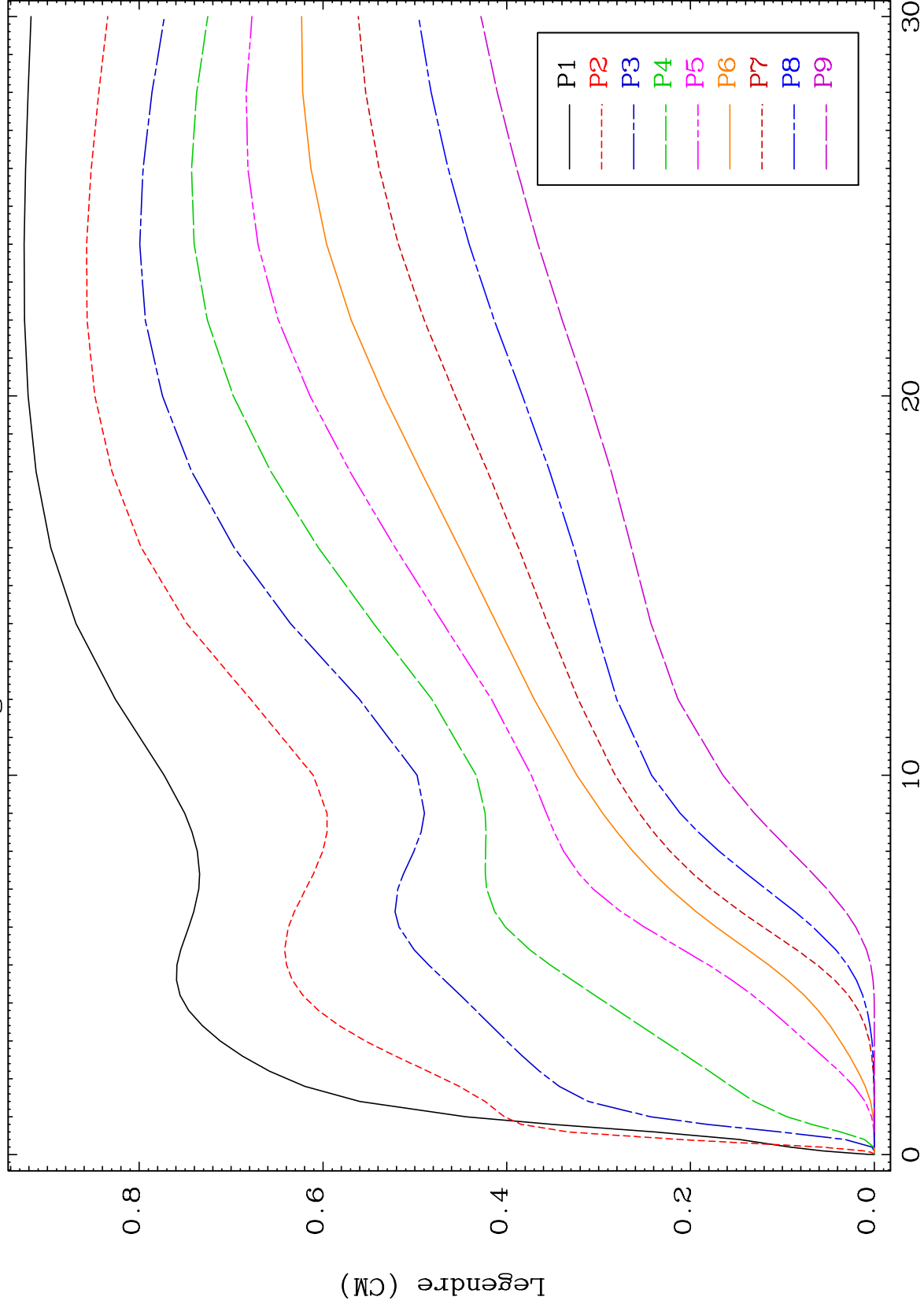




MAT 7262

Elastic Legendre Coefficients

⁷³Ta-159



17

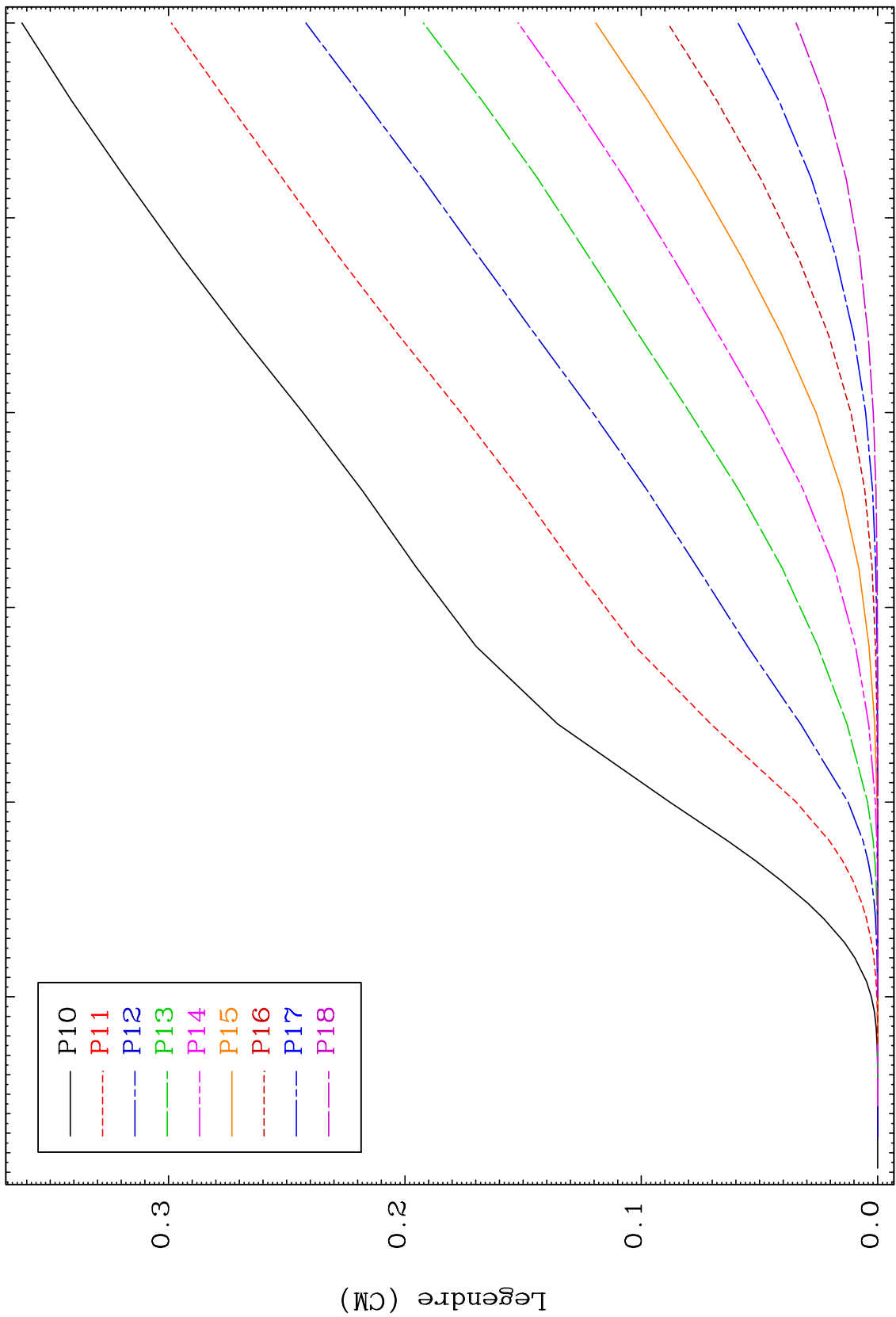
Incident Energy (MeV)

⁷³Ta-159

MAT 7262

Elastic Legendre Coefficients

⁷³Ta-159



18

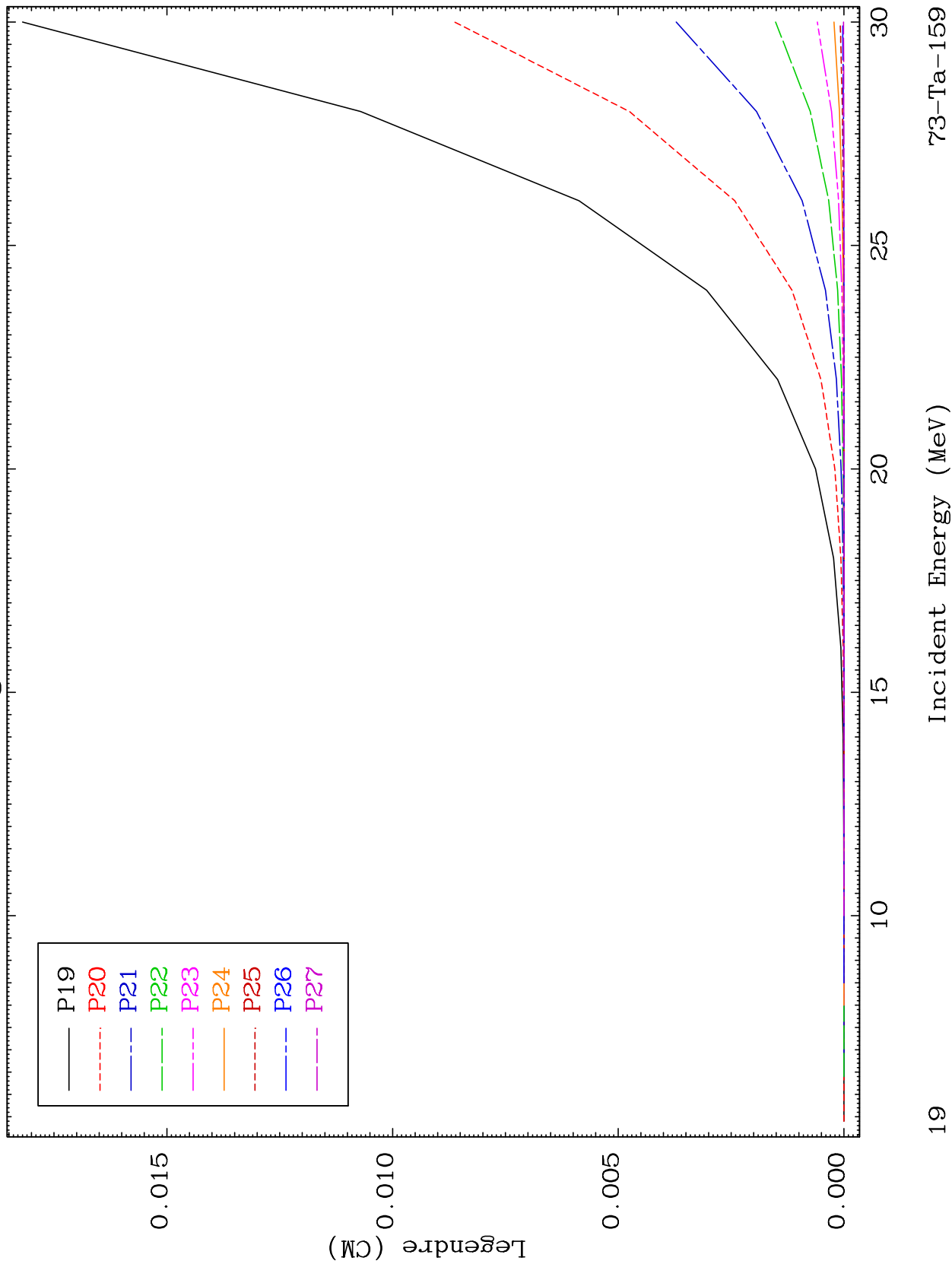
Incident Energy (MeV)

⁷³Ta-159

MAT 7262

Elastic Legendre Coefficients

73-Ta-159



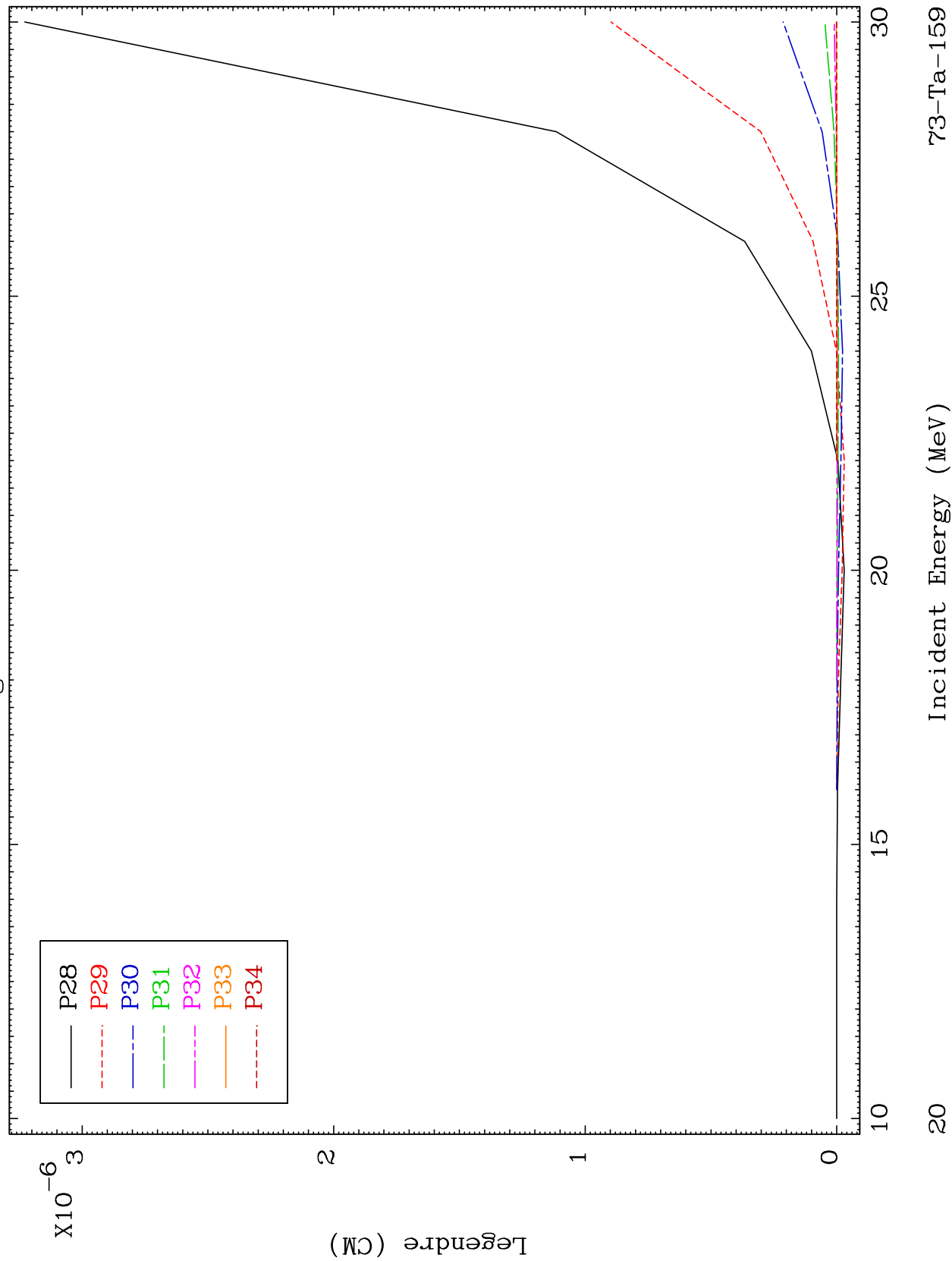
19

73-Ta-159

MAT 7262

Elastic Legendre Coefficients

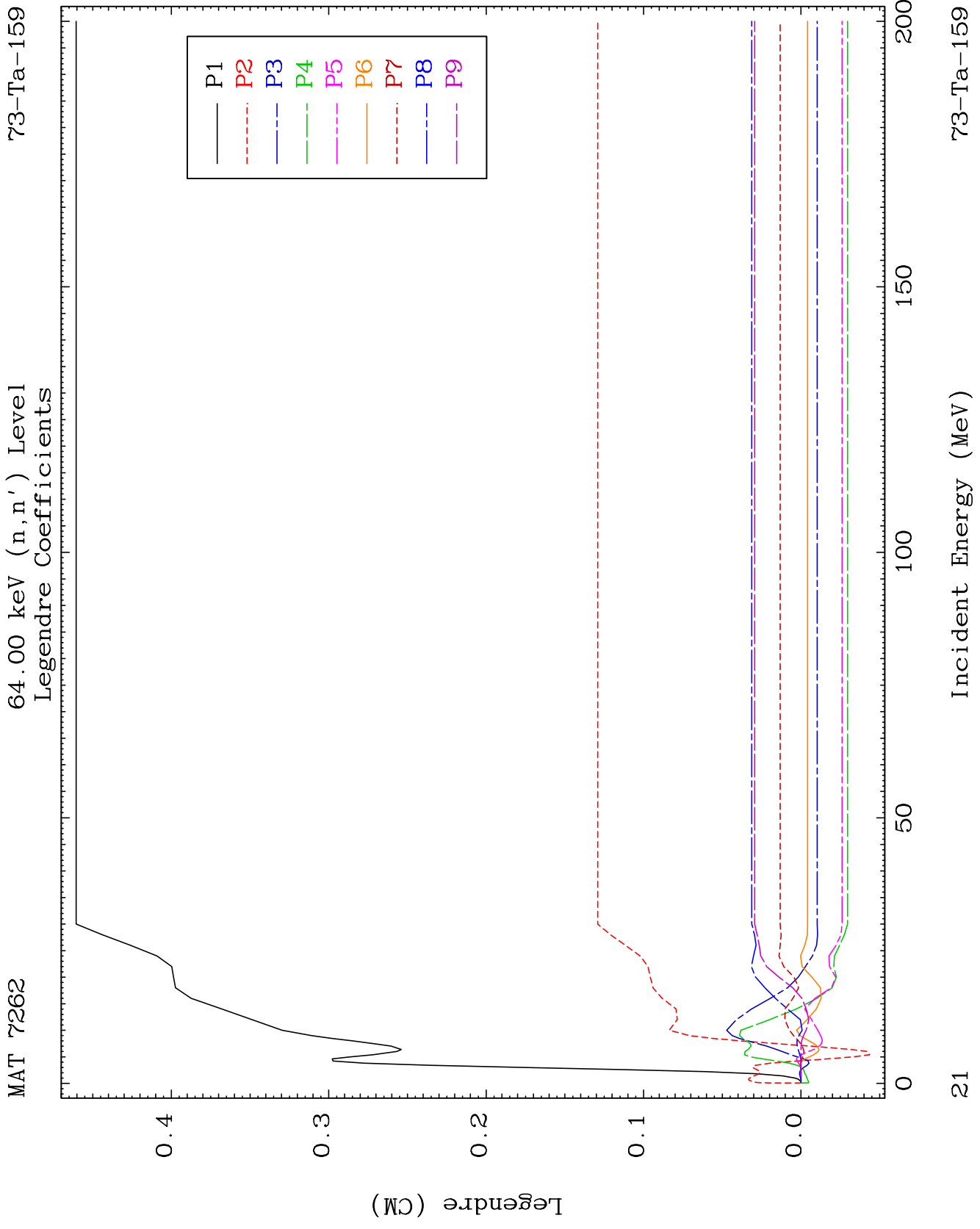
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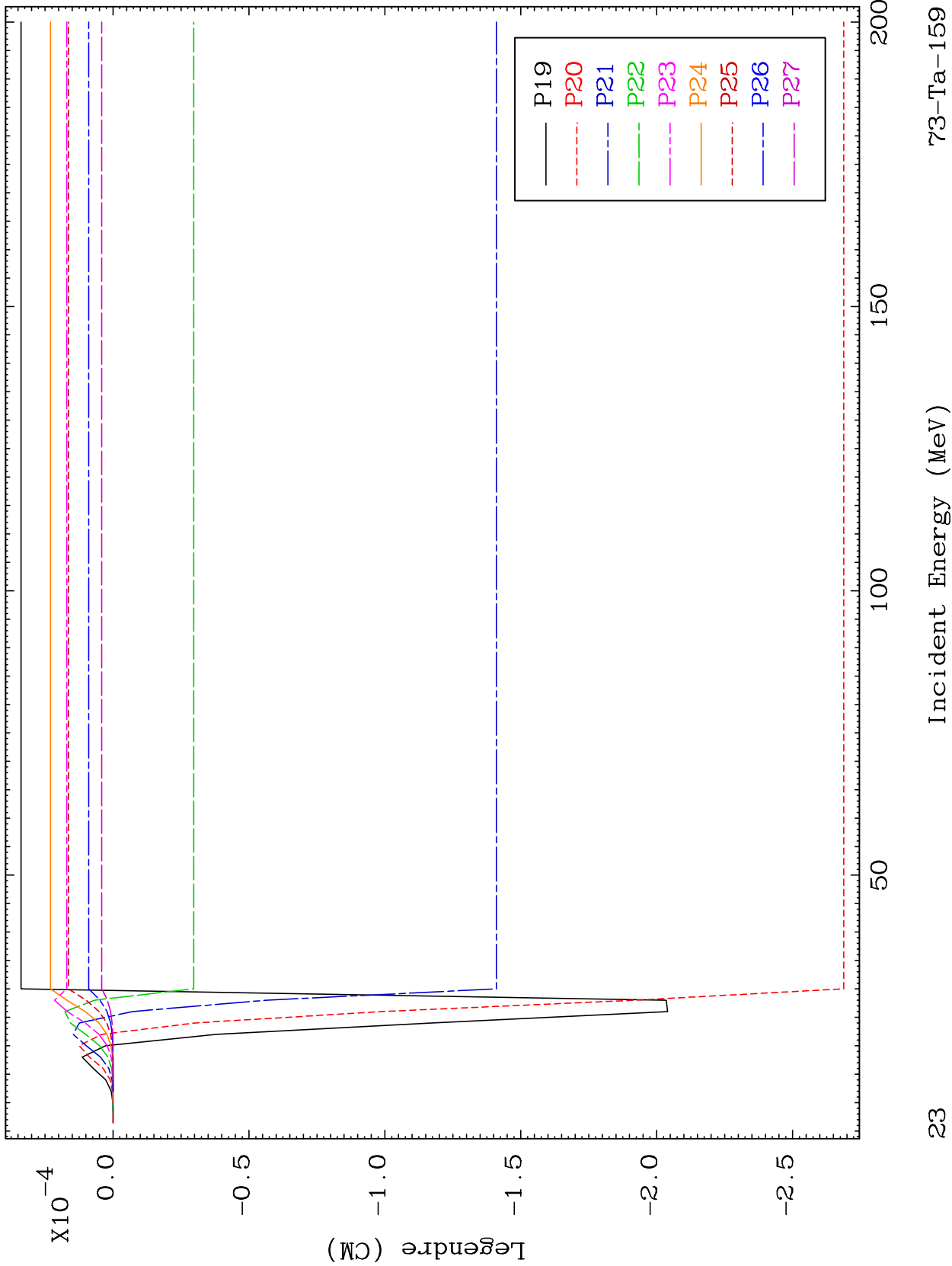


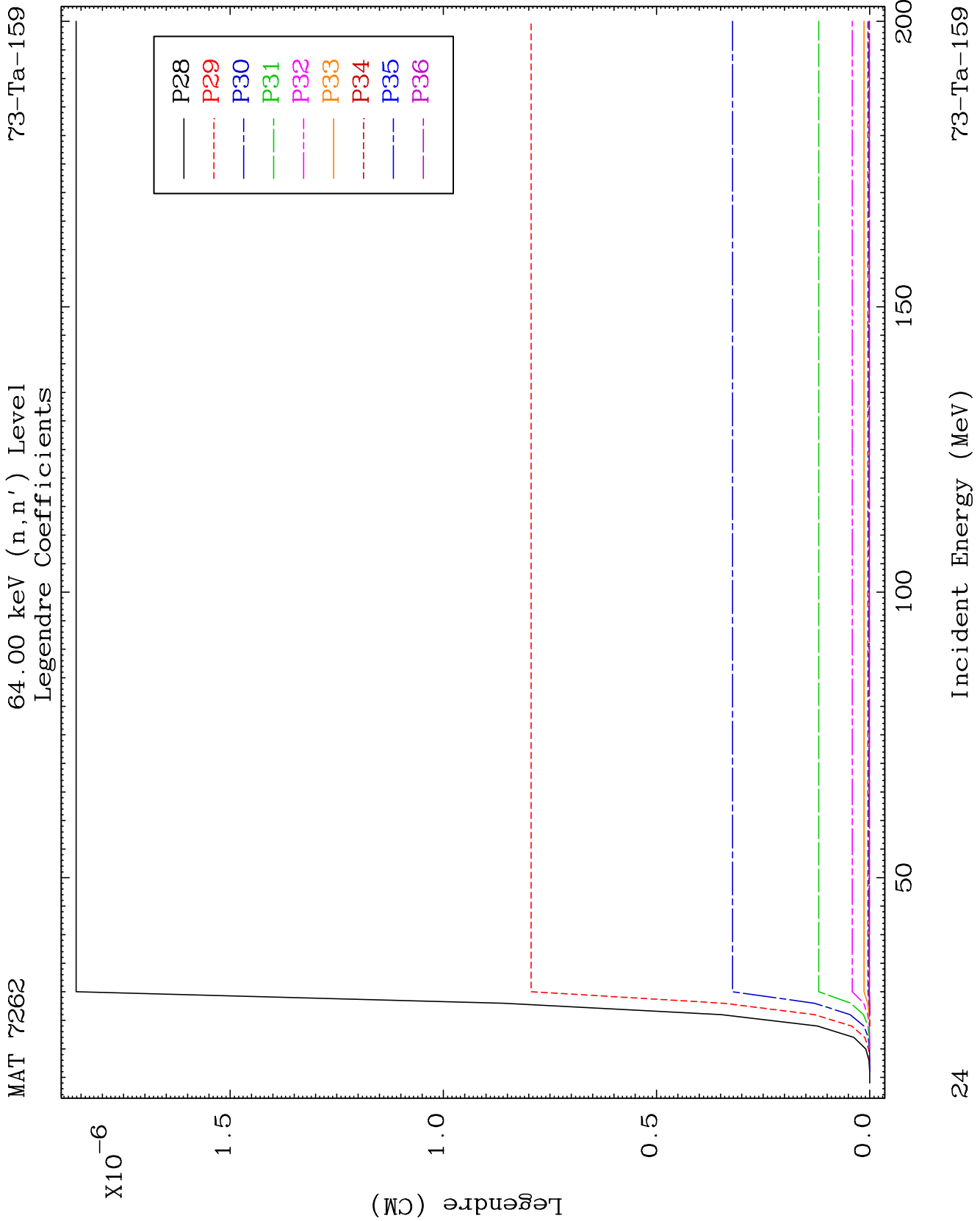
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Incident Energy (MeV)

⁷³Ta-159



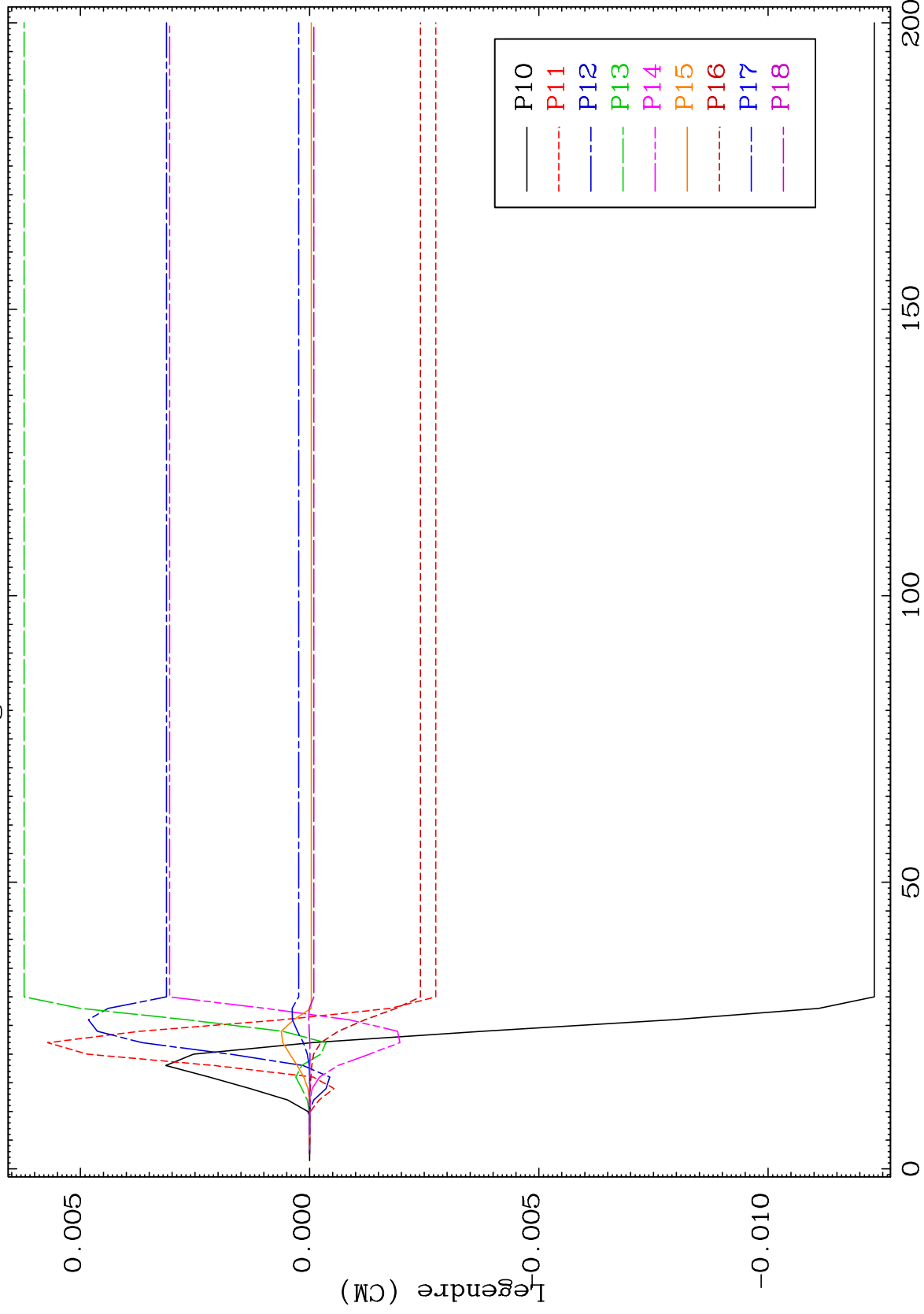




MAT 7262

637.7 keV (n,n') Level
Legendre Coefficients

73-Ta-159



26

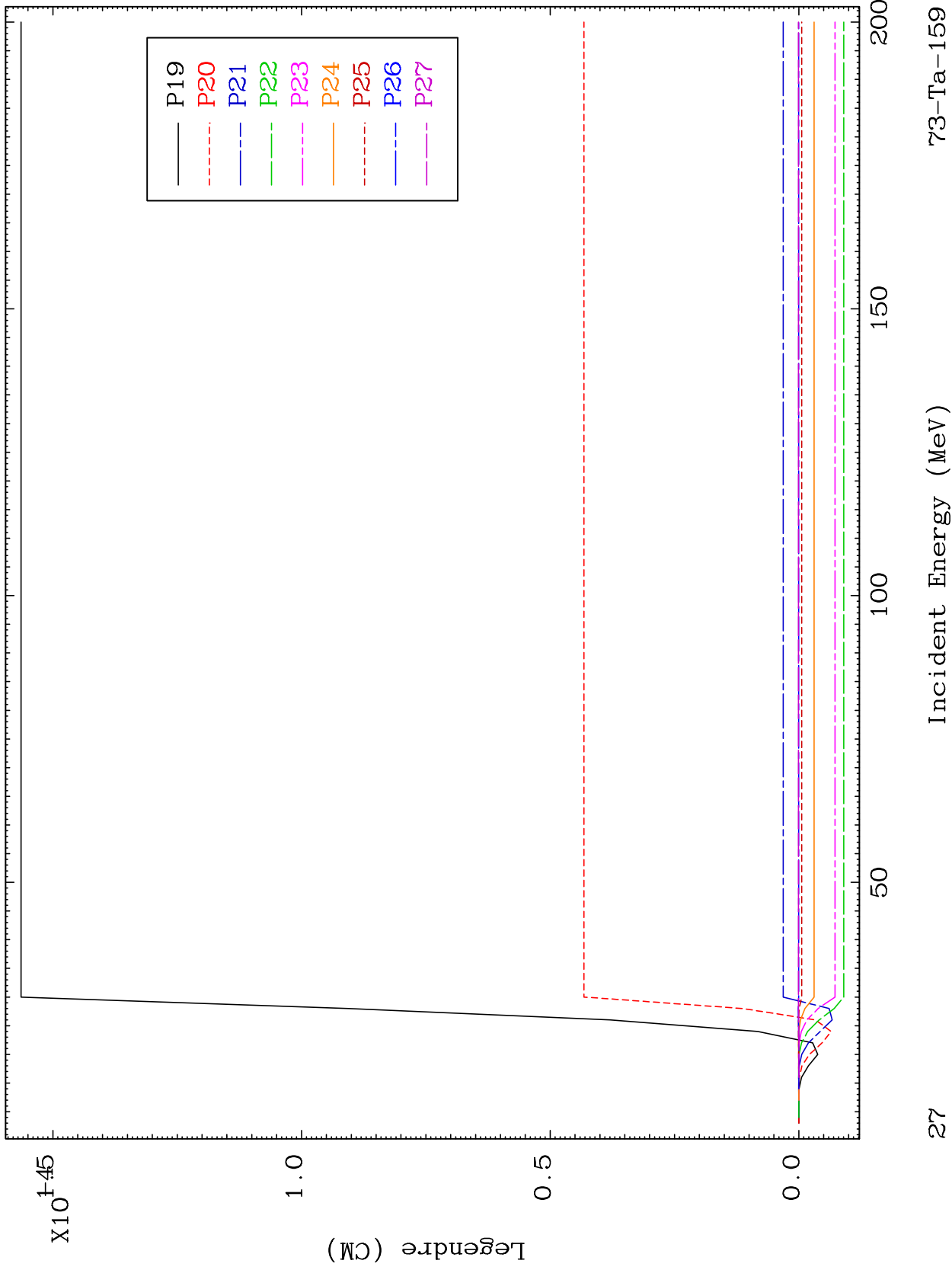
Incident Energy (MeV)

73-Ta-159

MAT 7262

637.7 keV (n,n') Level
Legendre Coefficients

73-Ta-159



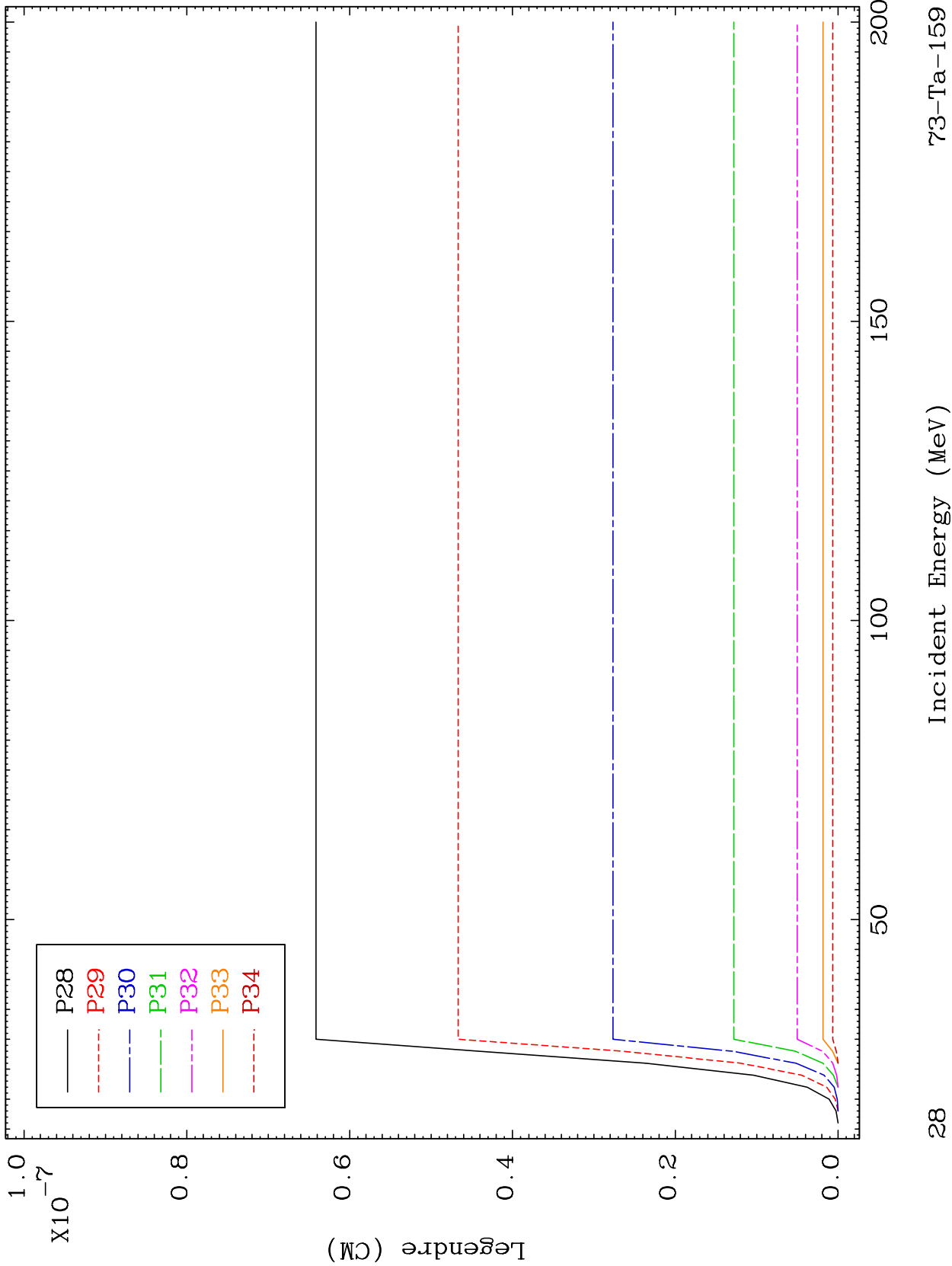
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73-Ta-159

MAT 7262

637.7 keV (n,n') Level
Legendre Coefficients

73-Ta-159



28

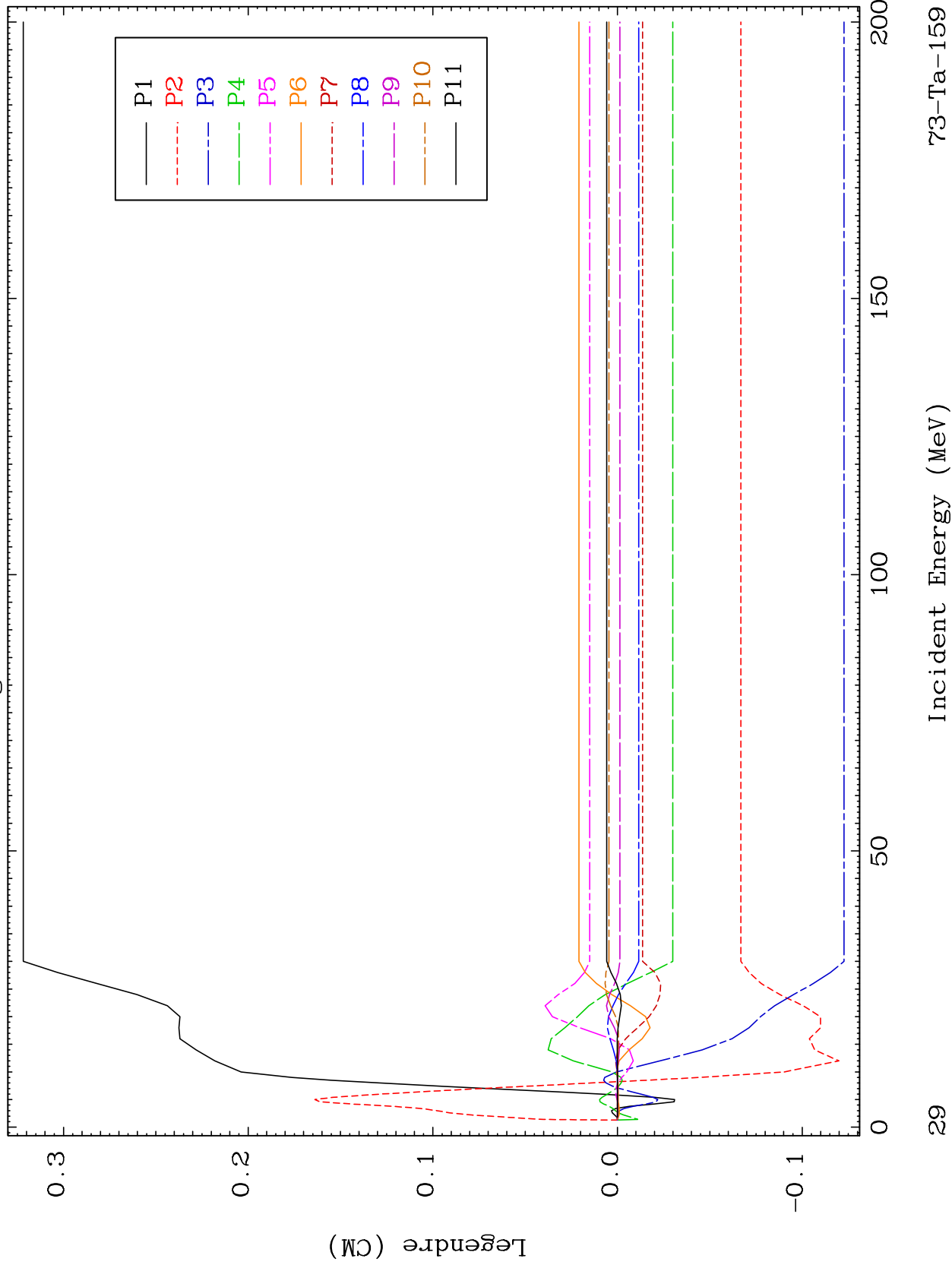
Incident Energy (MeV)

73-Ta-159

MAT 7262

1.278 MeV (n,n') Level
Legendre Coefficients

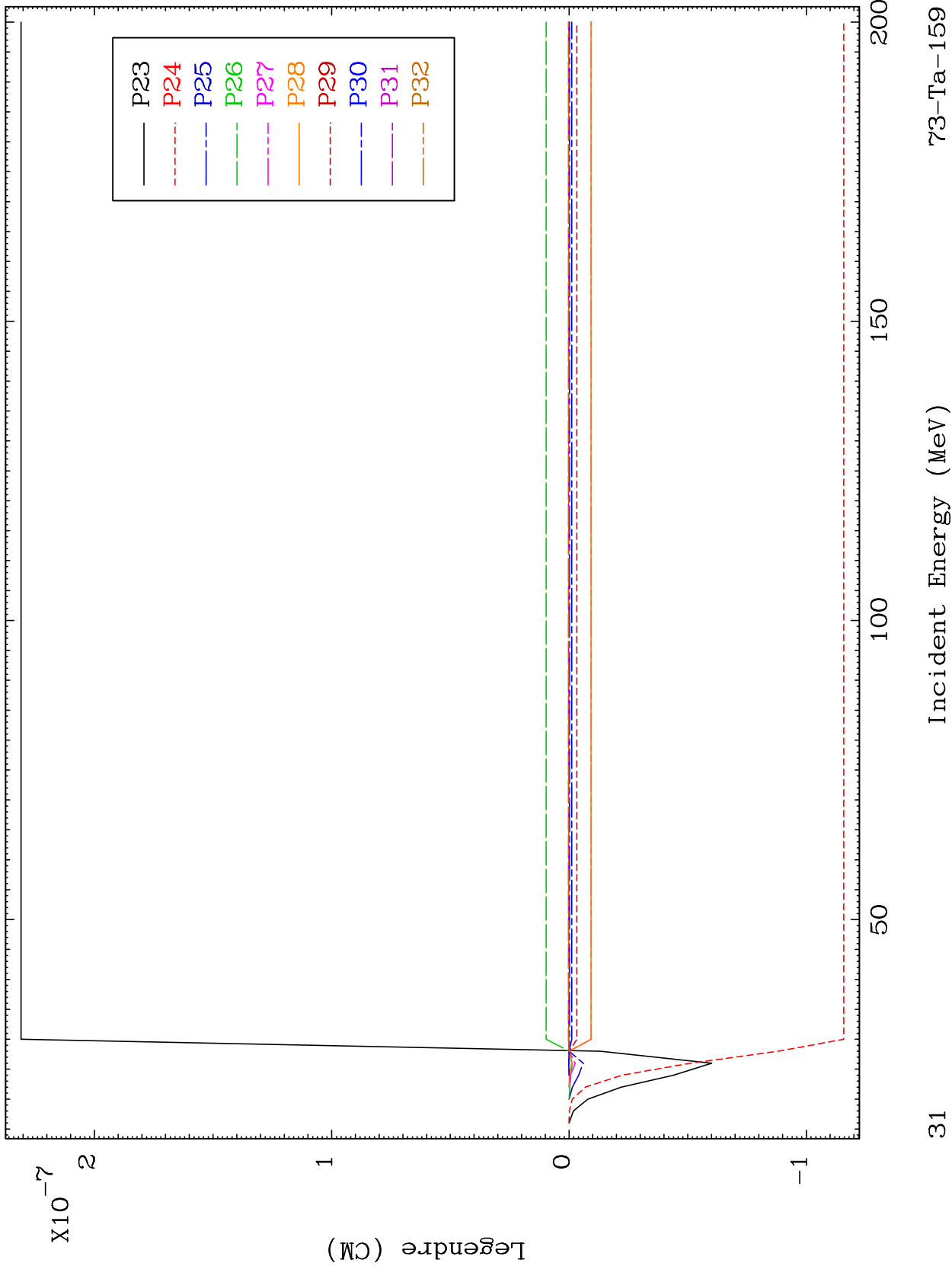
73-Ta-159



73-Ta-159

Incident Energy (MeV)

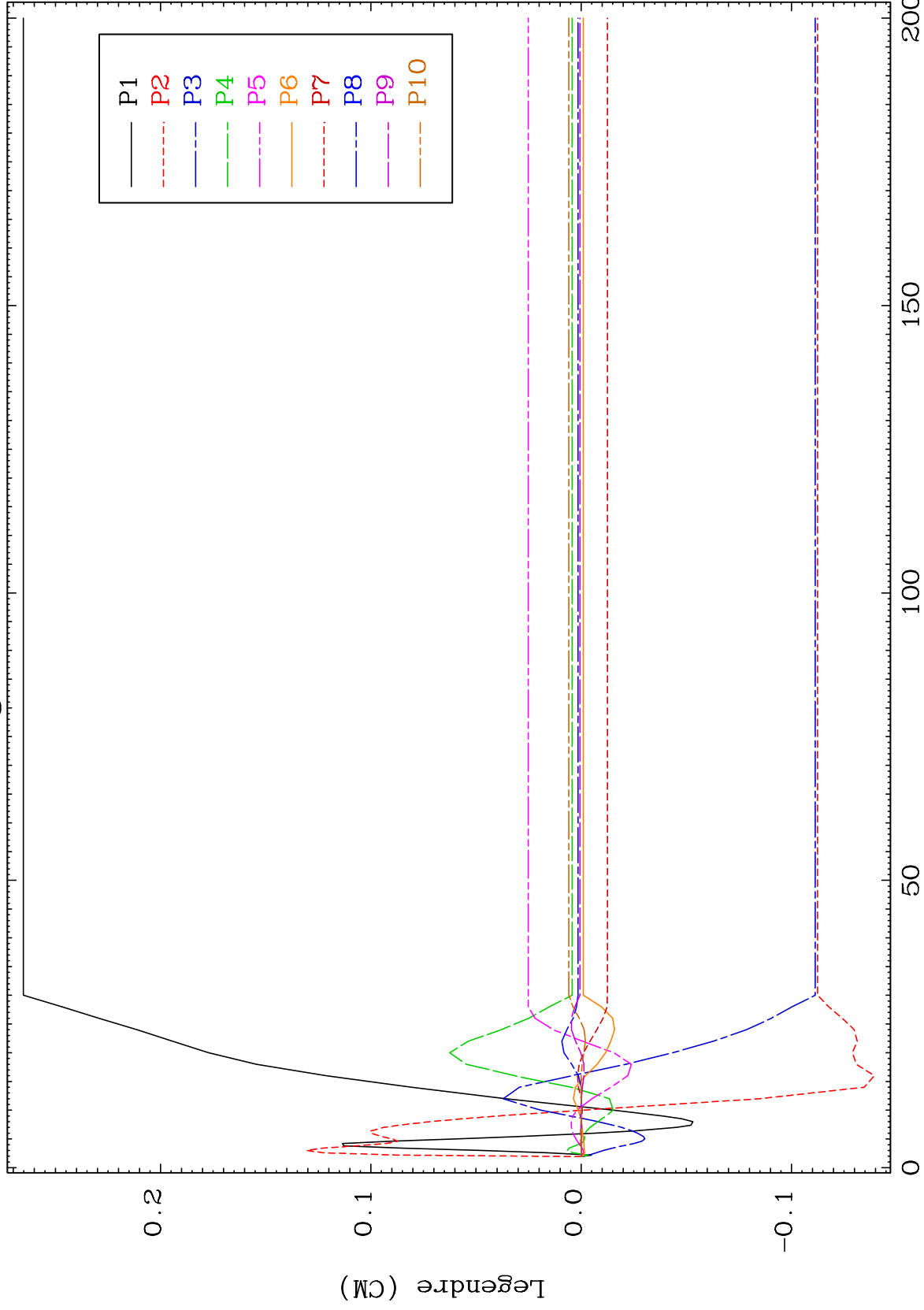
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MAT 7262

1.912 MeV (n,n') Level
Legendre Coefficients

73-Ta-159



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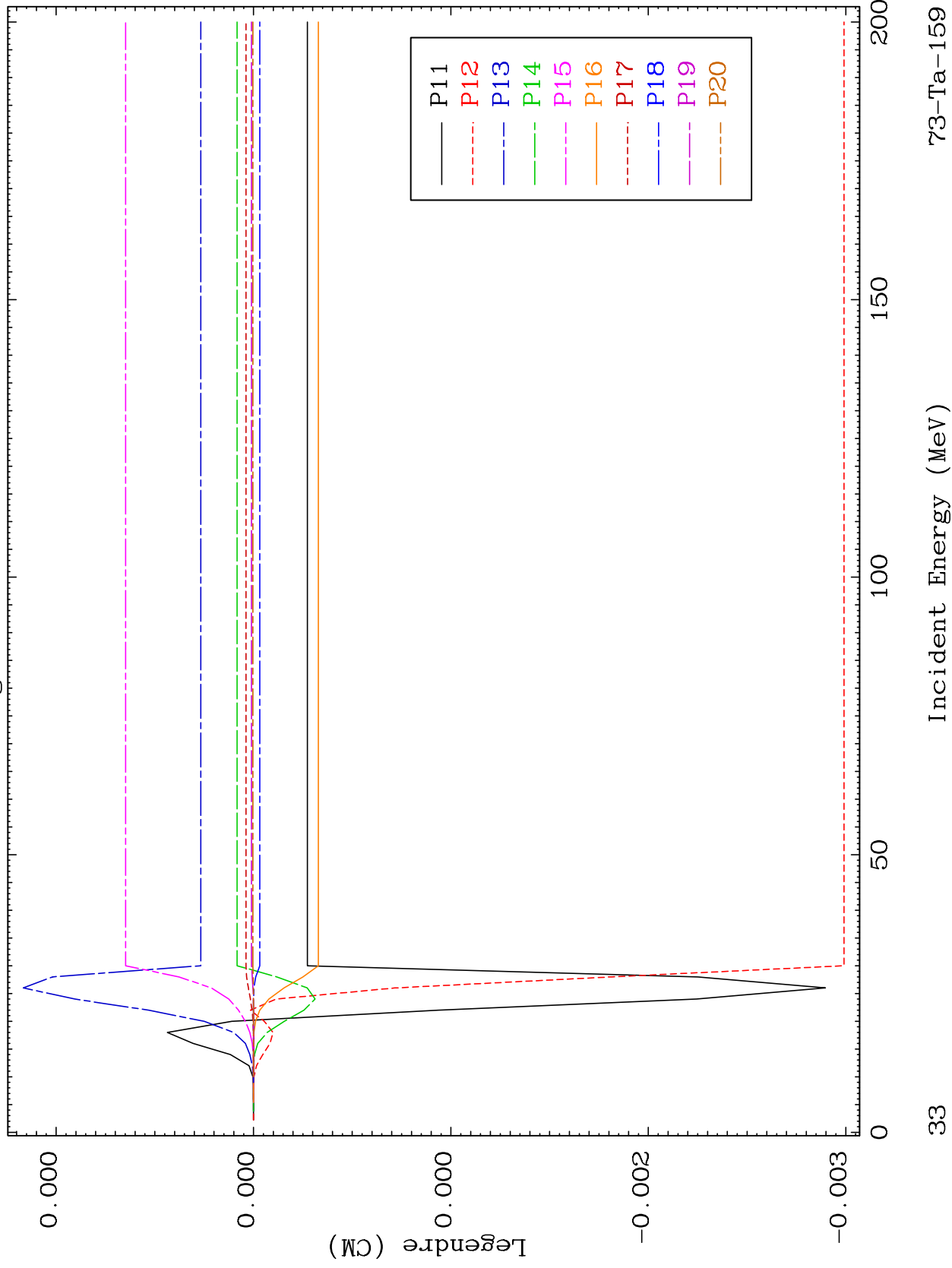
Incident Energy (MeV)

73-Ta-159

MAT 7262

1.912 MeV (n,n') Level
Legendre Coefficients

73-Ta-159



33

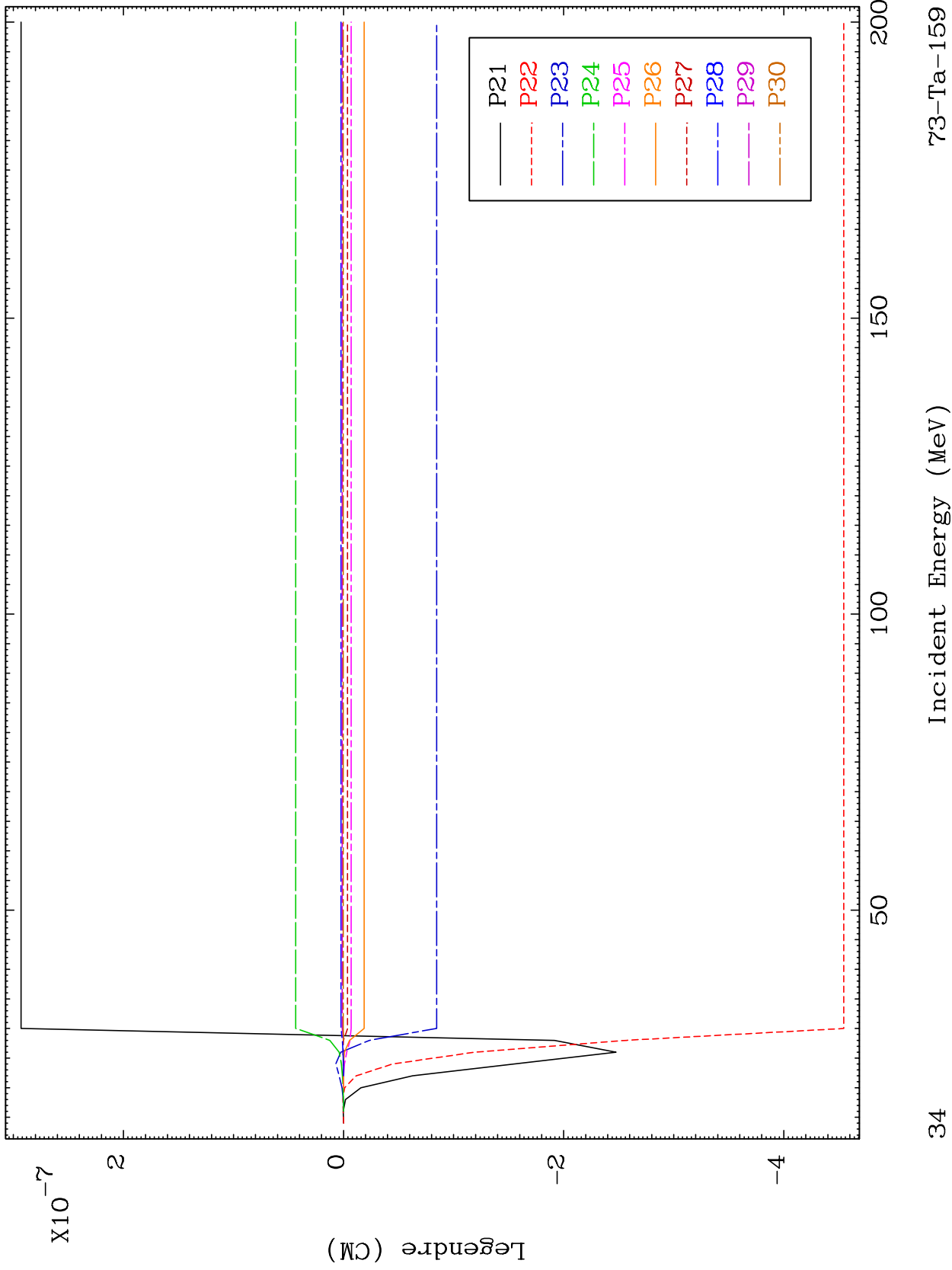
Incident Energy (MeV)

73-Ta-159

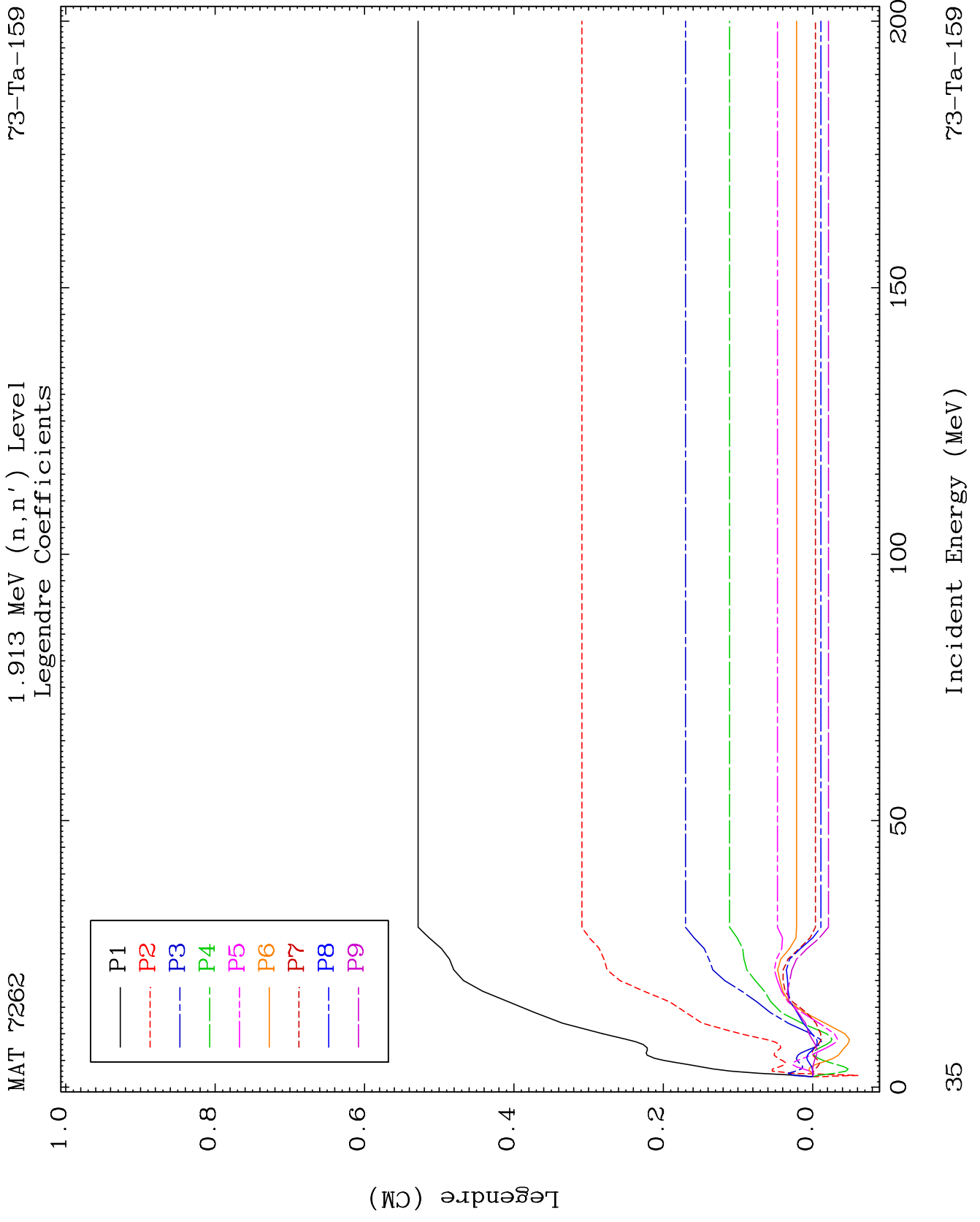
MAT 7262

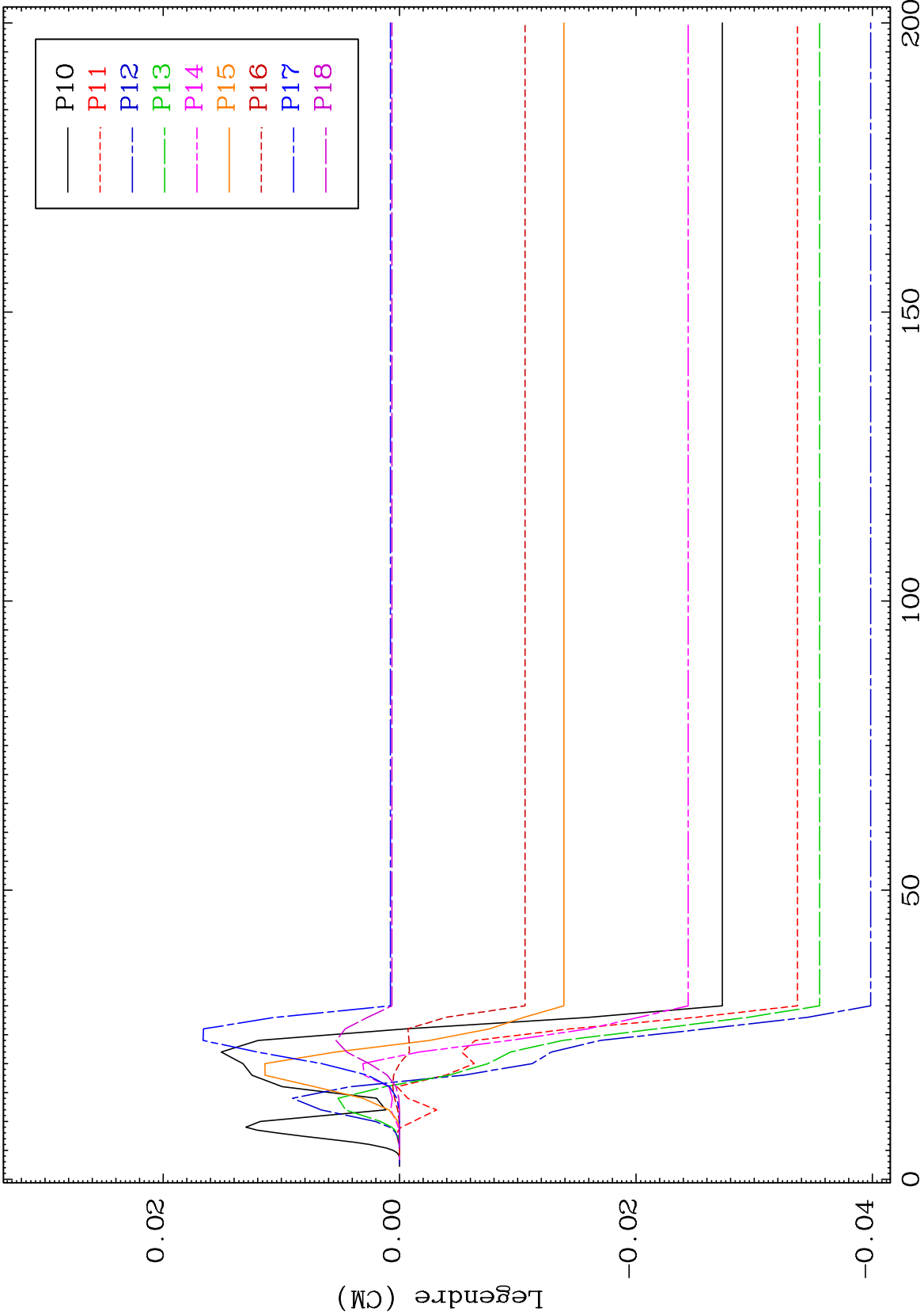
1.912 MeV (n,n') Level
Legendre Coefficients

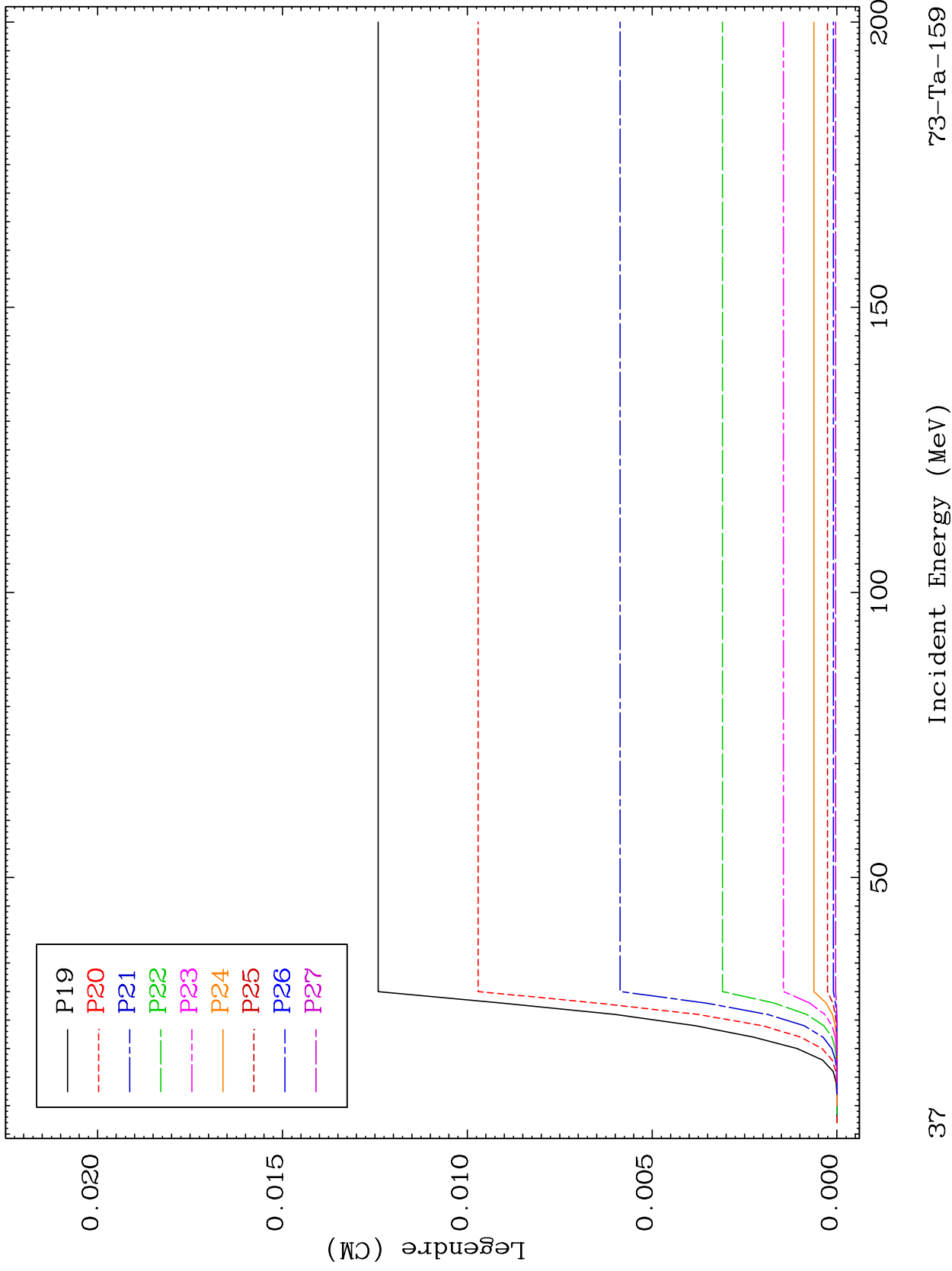
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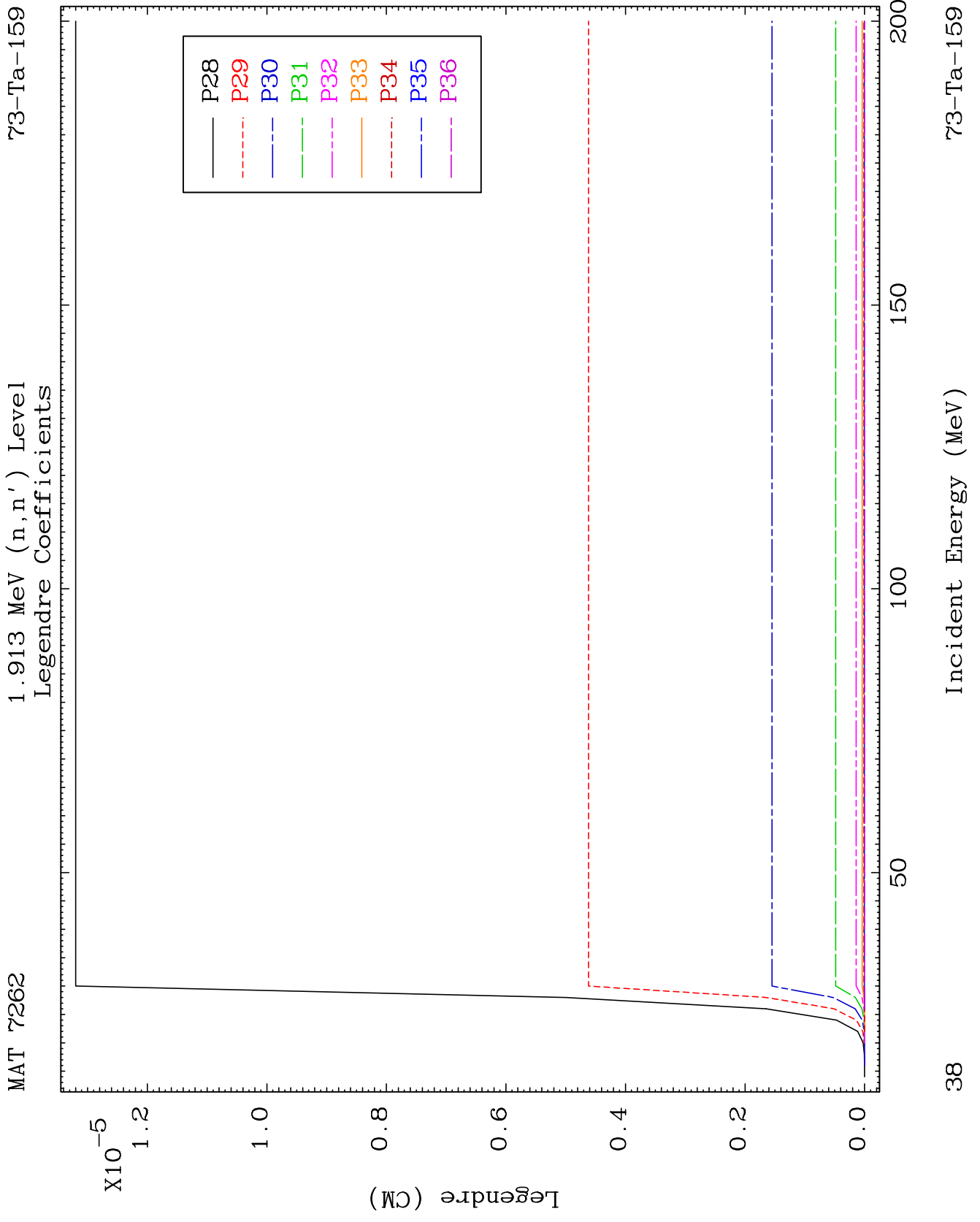


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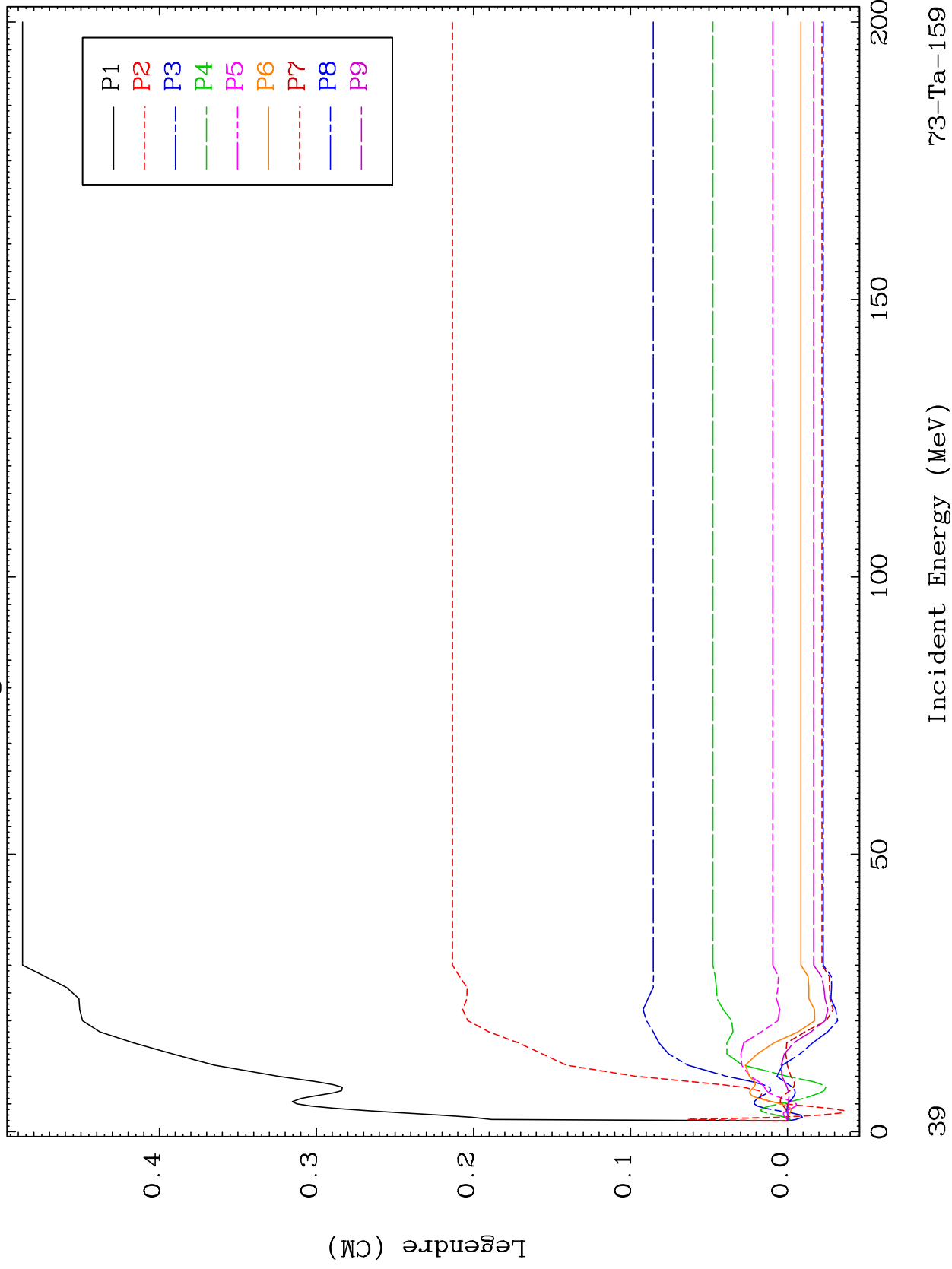




MAT 7262

1.915 MeV (n,n') Level
Legendre Coefficients

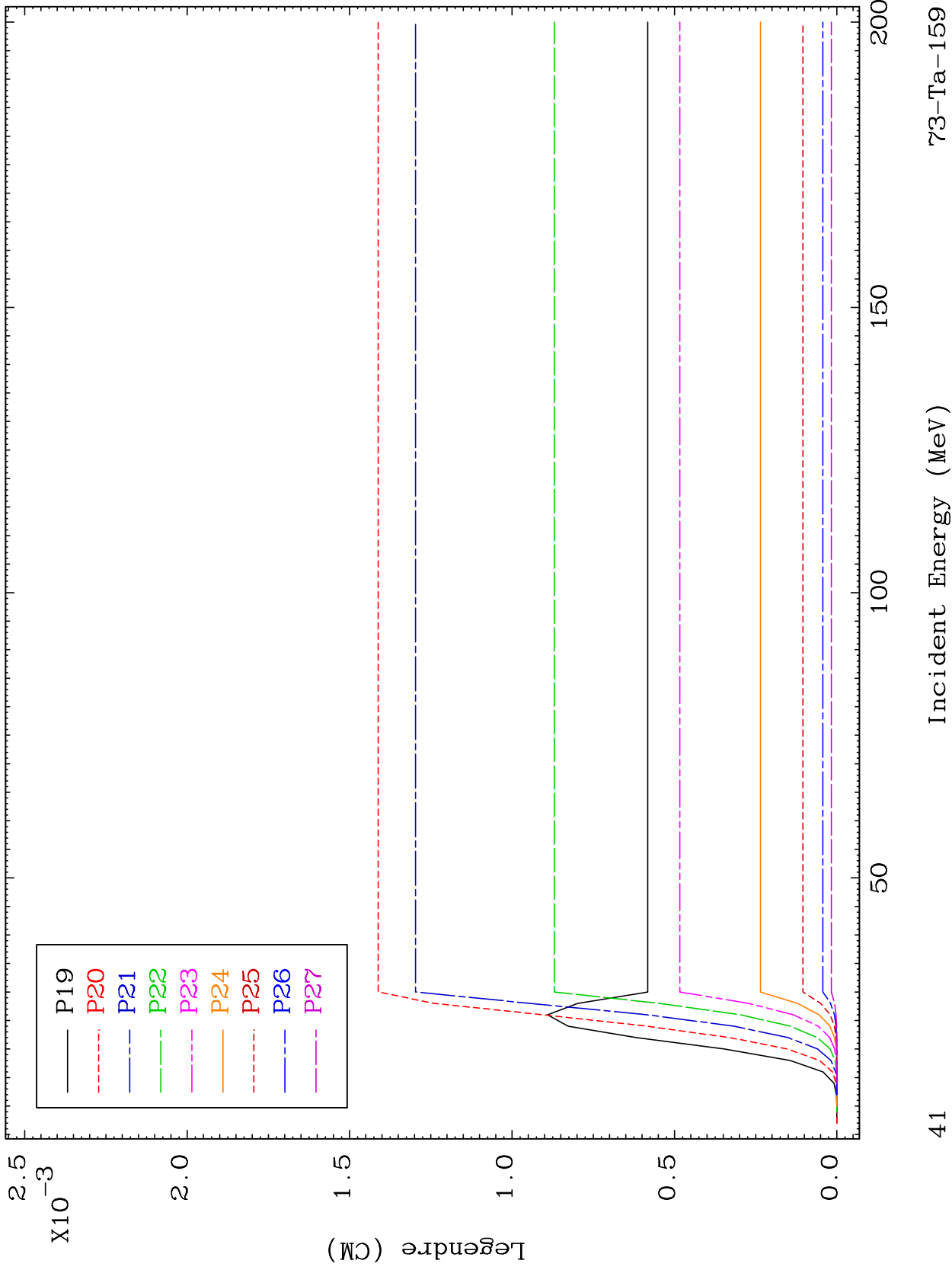
73-Ta-159



73-Ta-159

Incident Energy (MeV)

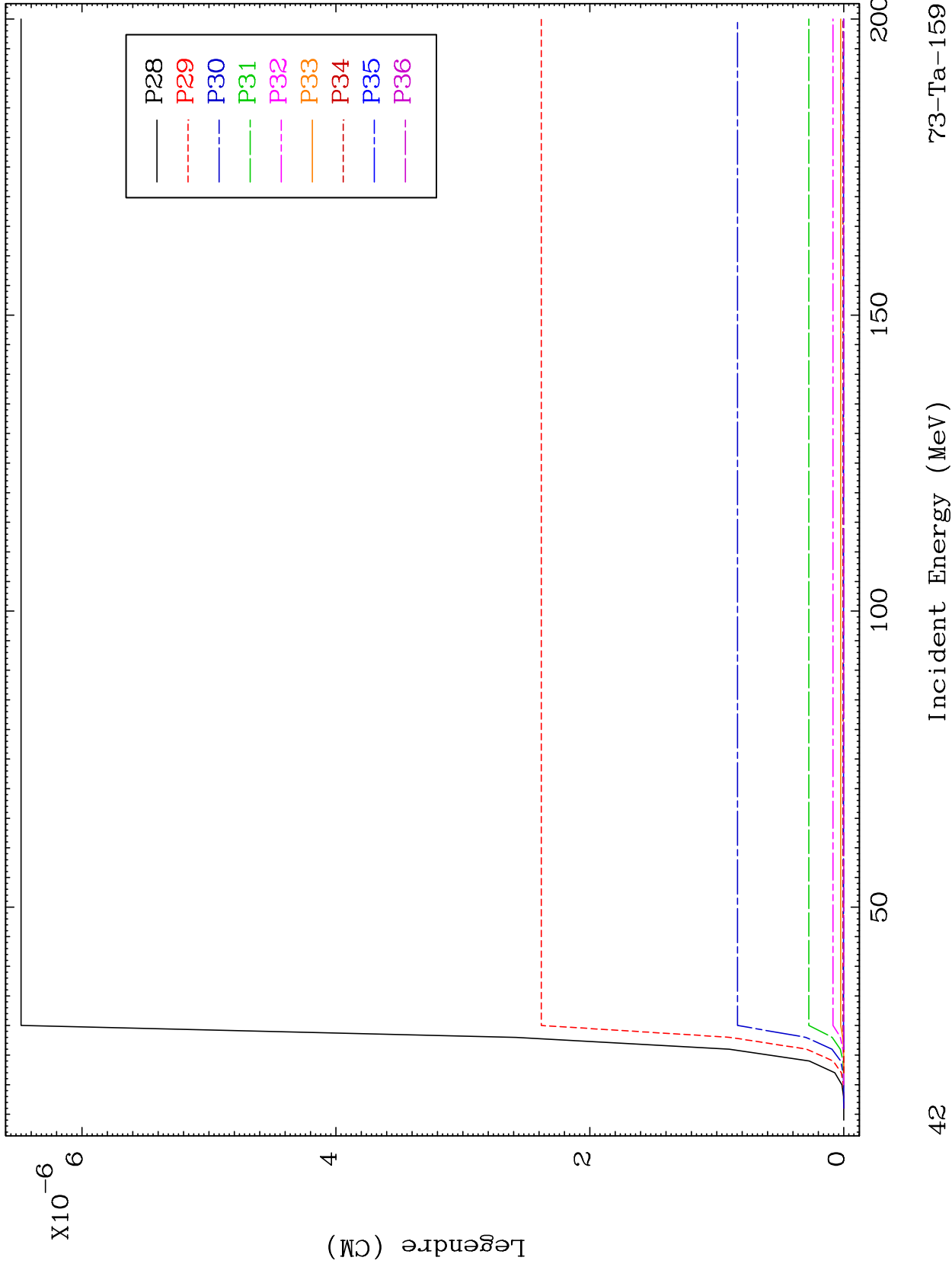
39



MAT 7262

1.915 MeV (n,n') Level
Legendre Coefficients

73-Ta-159



42

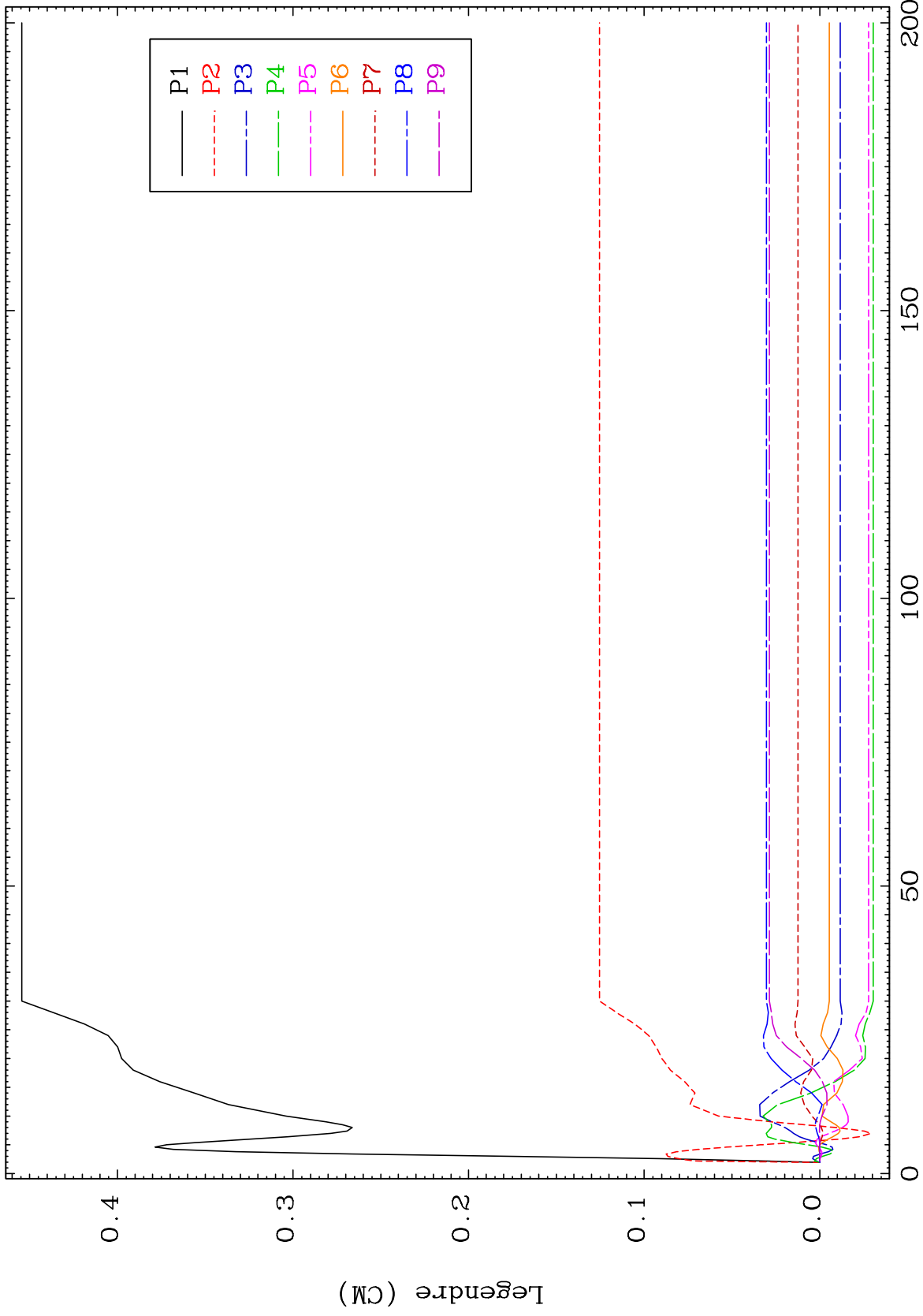
Incident Energy (MeV)

73-Ta-159

MAT 7262

1.923 MeV (n,n') Level
Legendre Coefficients

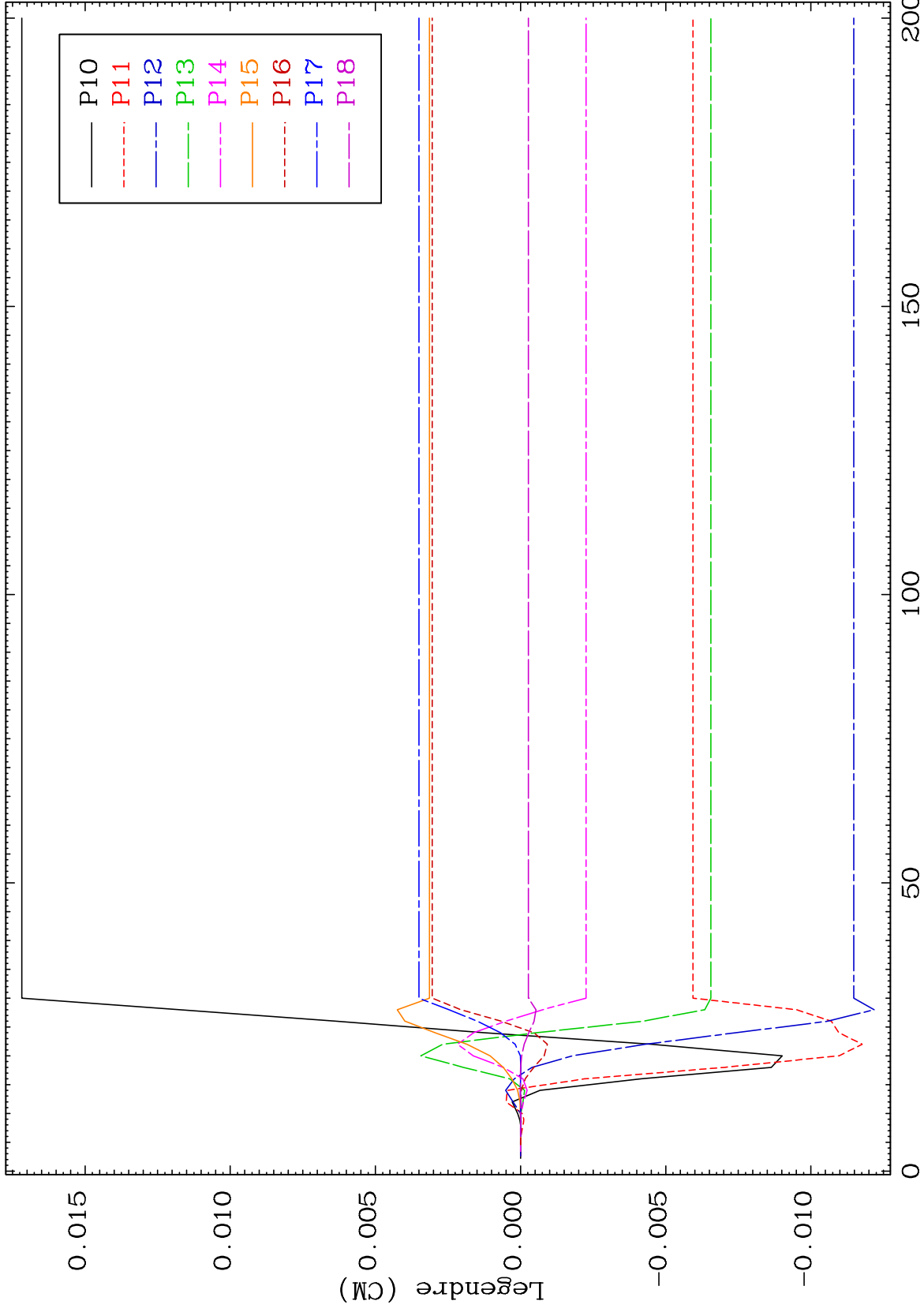
73-Ta-159



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Incident Energy (MeV)

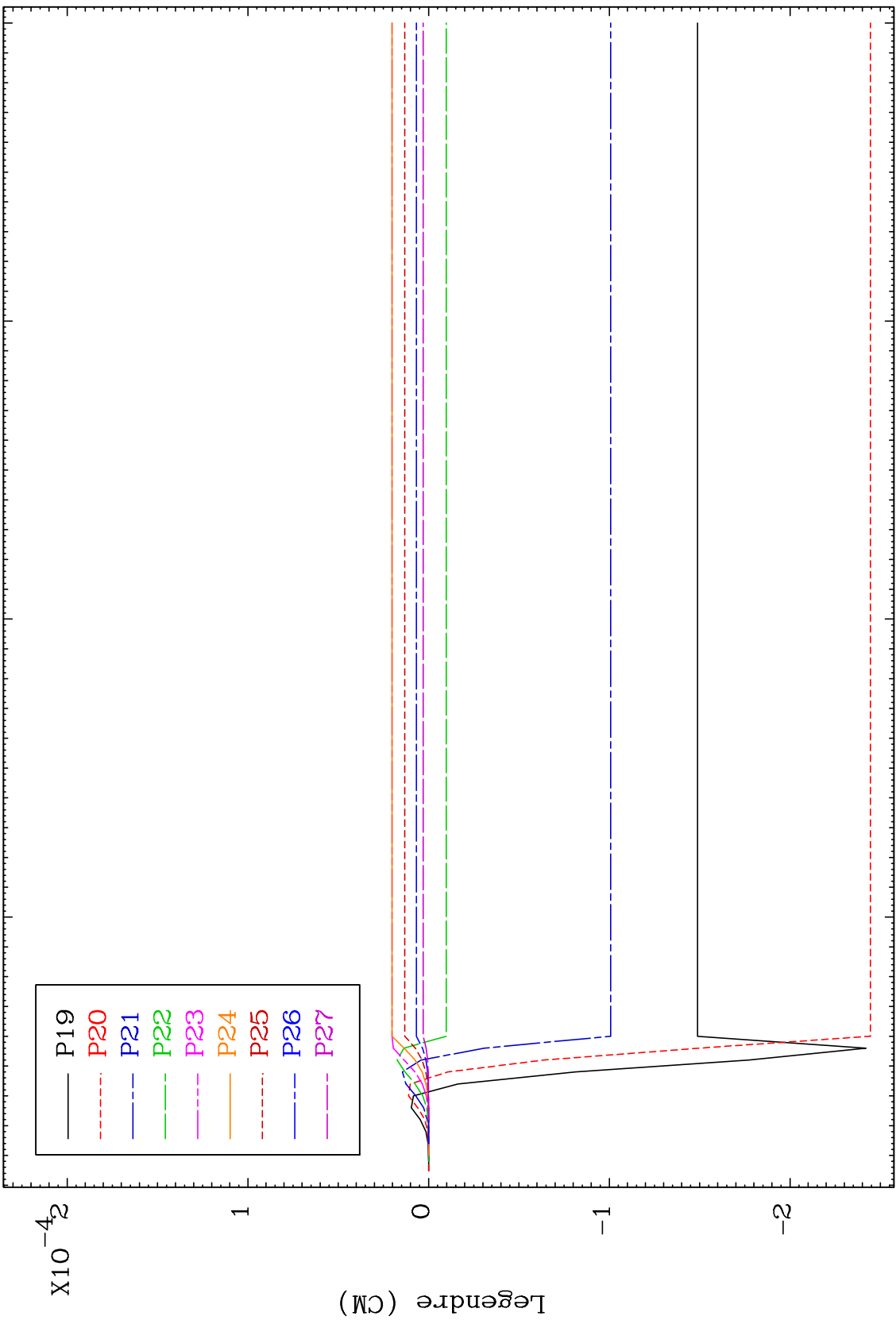
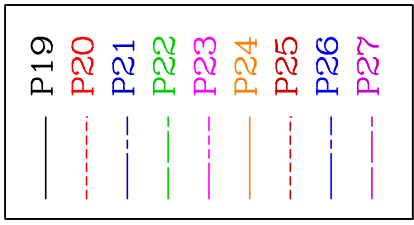
73-Ta-159



MAT 7262

1.923 MeV (n,n') Level
Legendre Coefficients

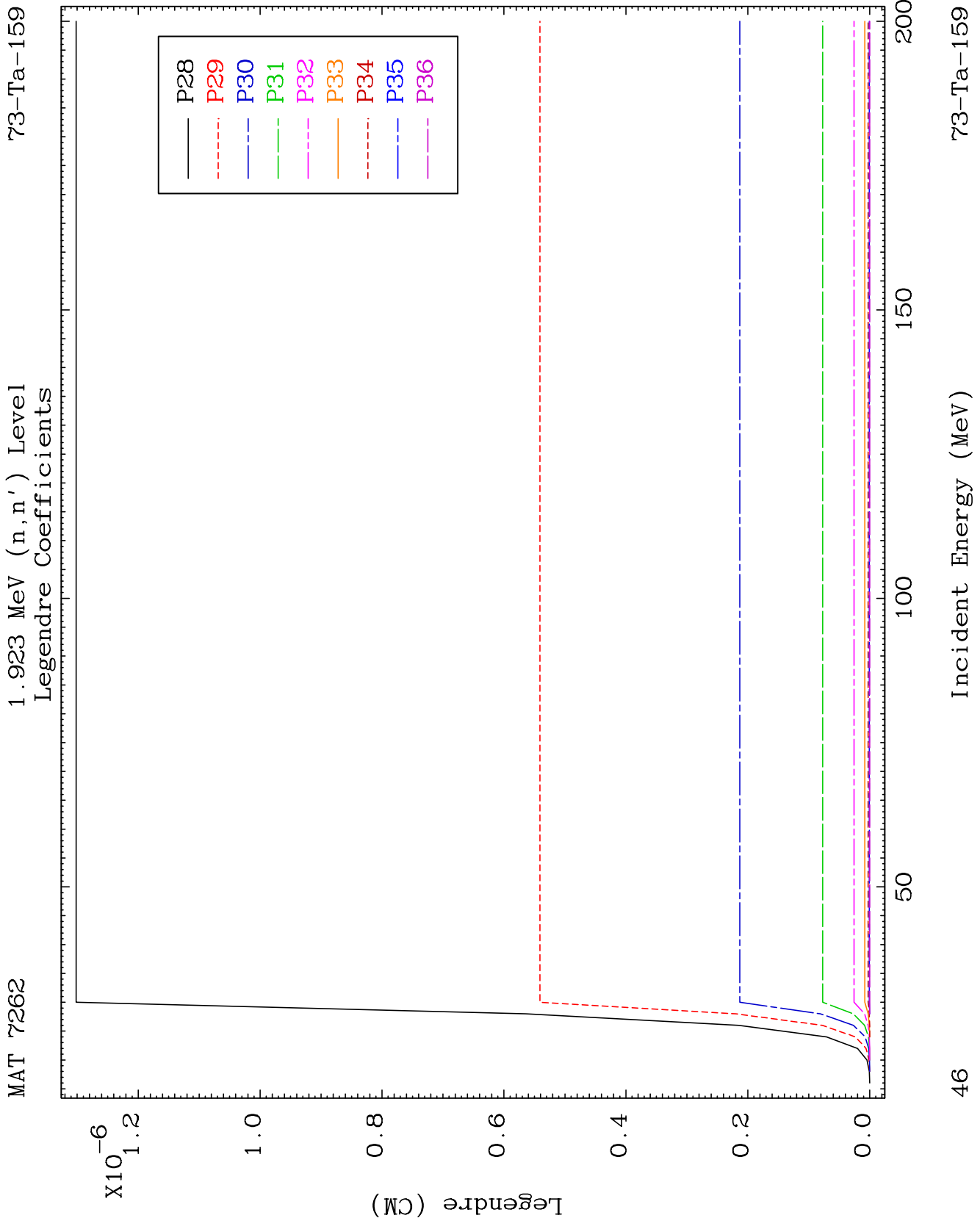
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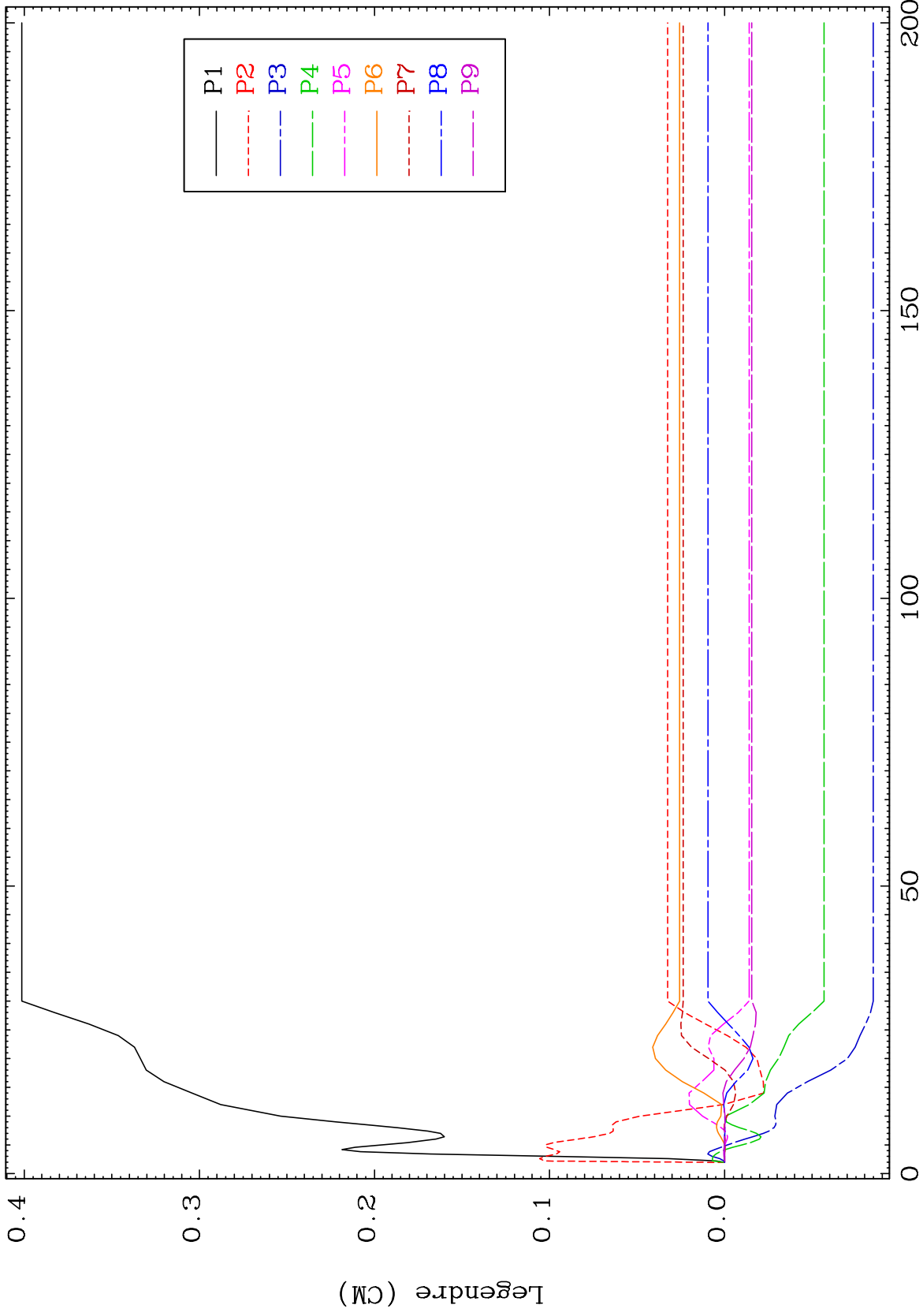


45

Incident Energy (MeV)

73-Ta-159

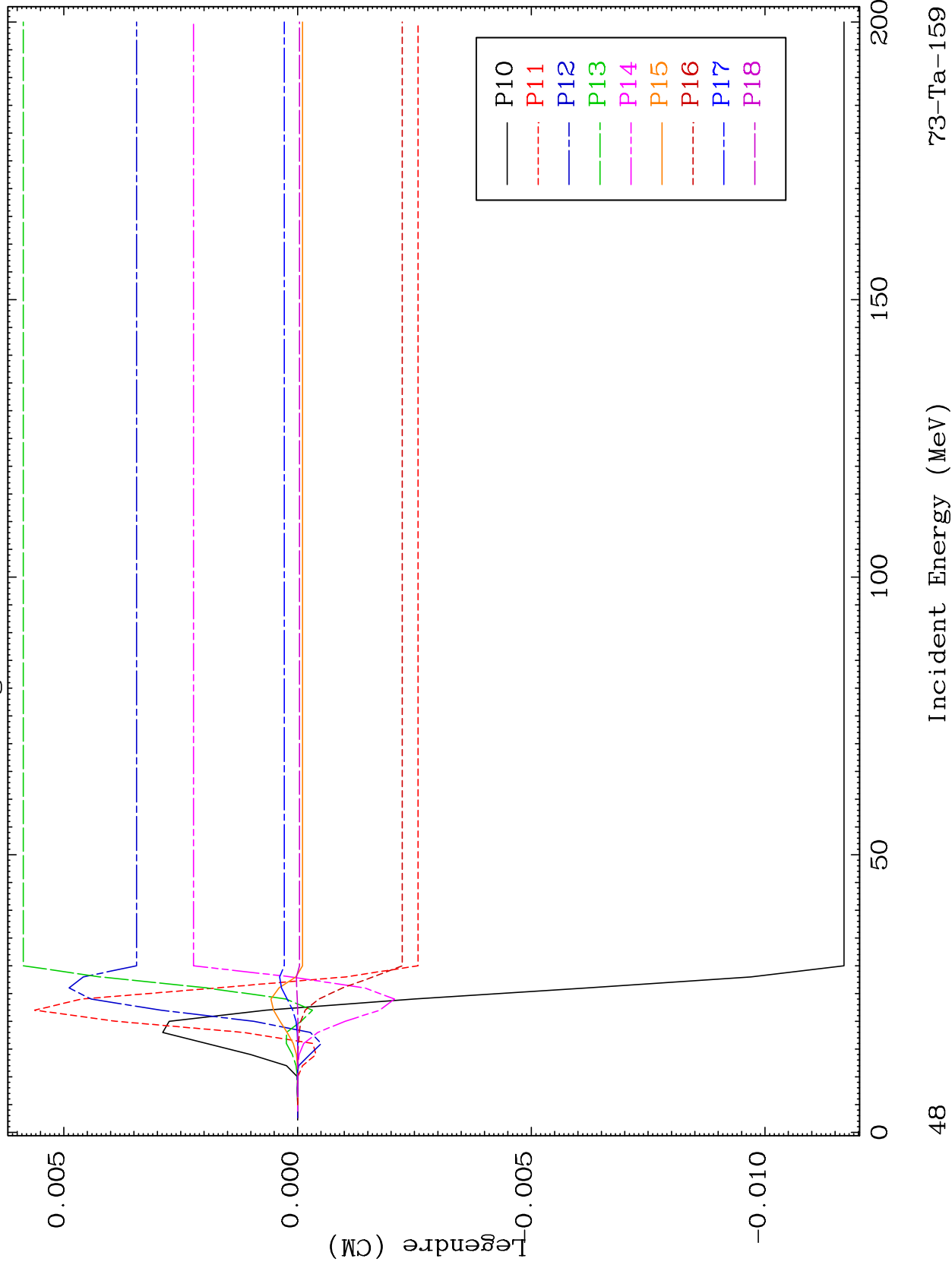




MAT 7262

1.928 MeV (n,n') Level
Legendre Coefficients

73-Ta-159



73-Ta-159

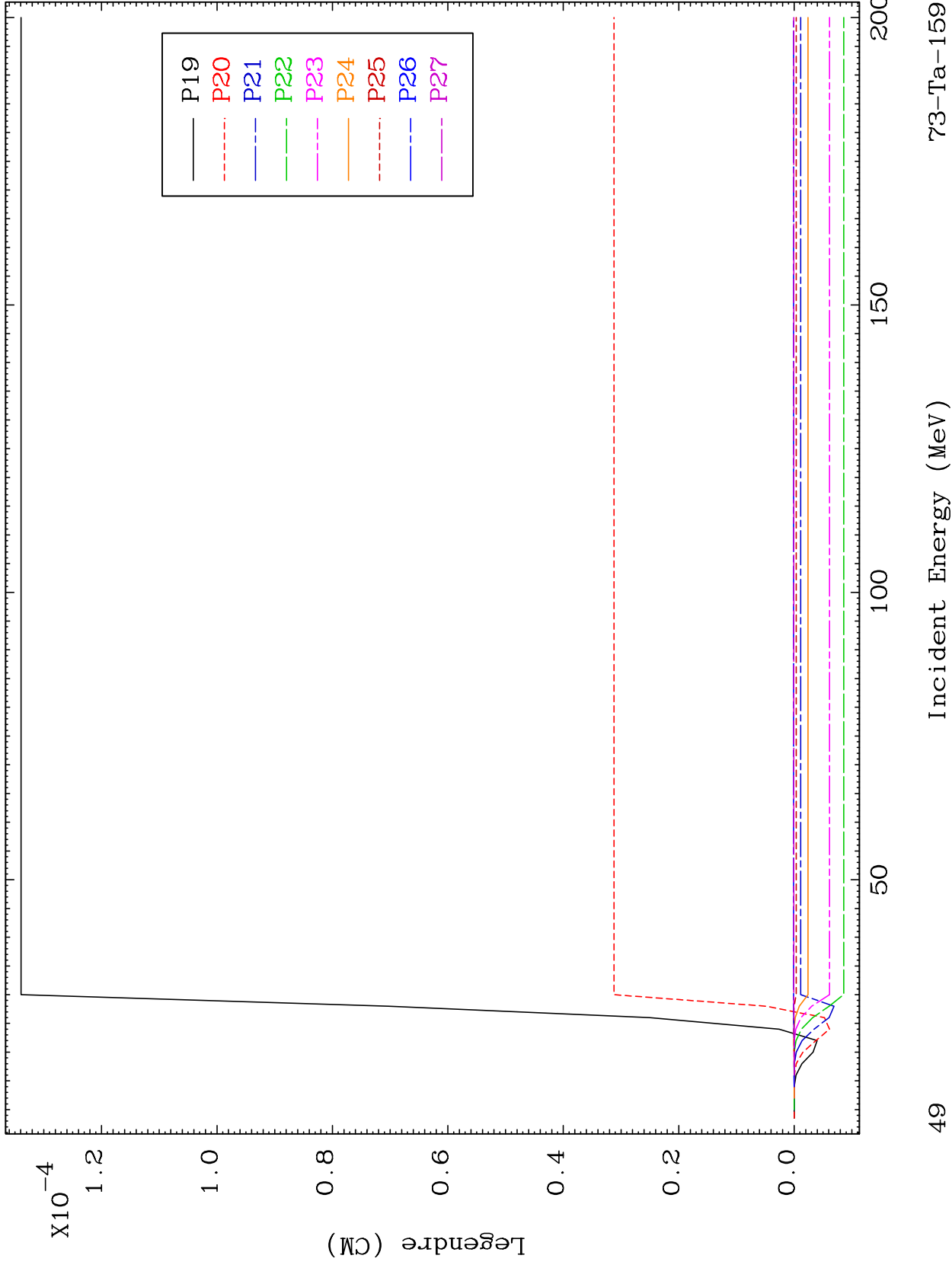
Incident Energy (MeV)

48

MAT 7262

1.928 MeV (n,n') Level
Legendre Coefficients

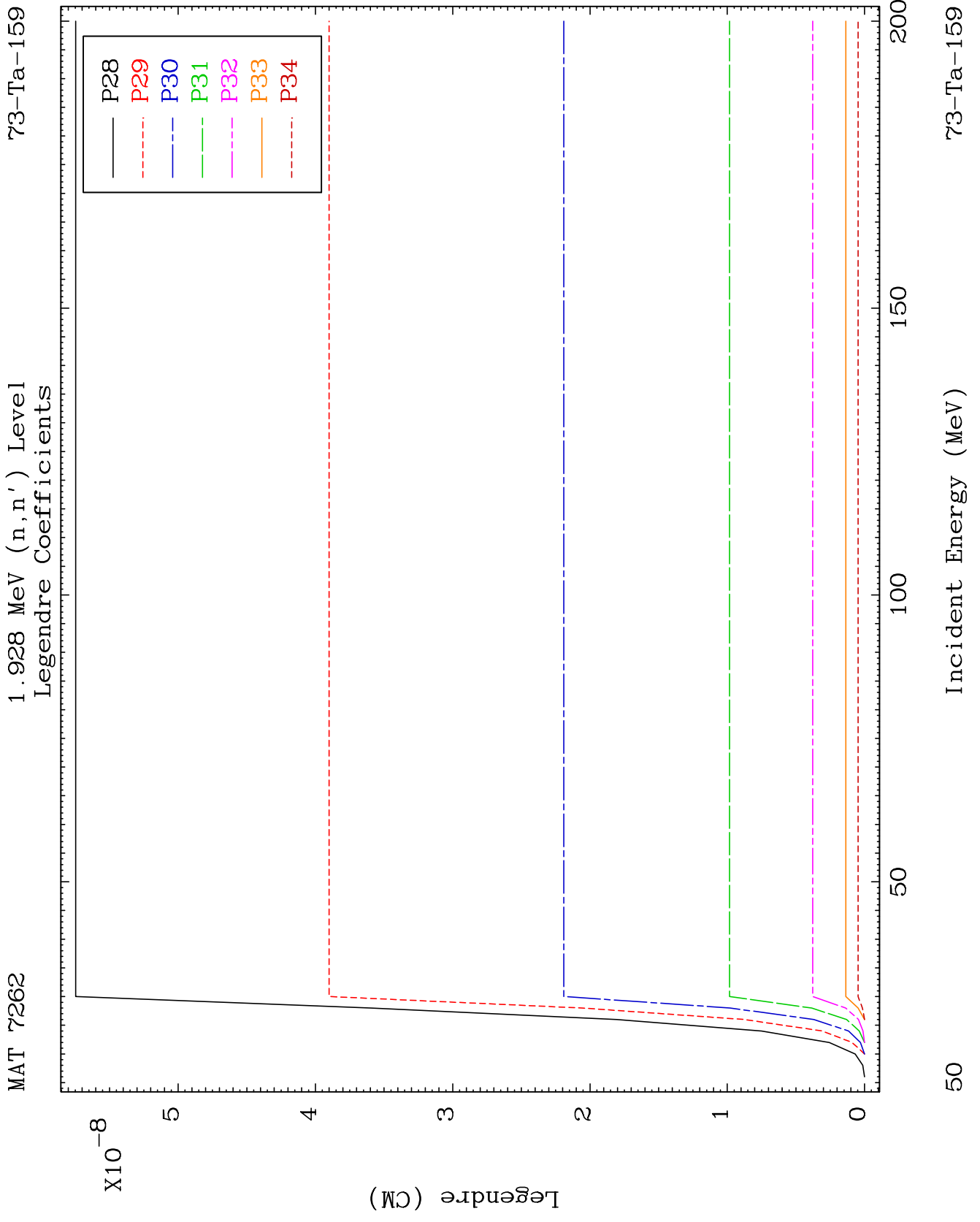
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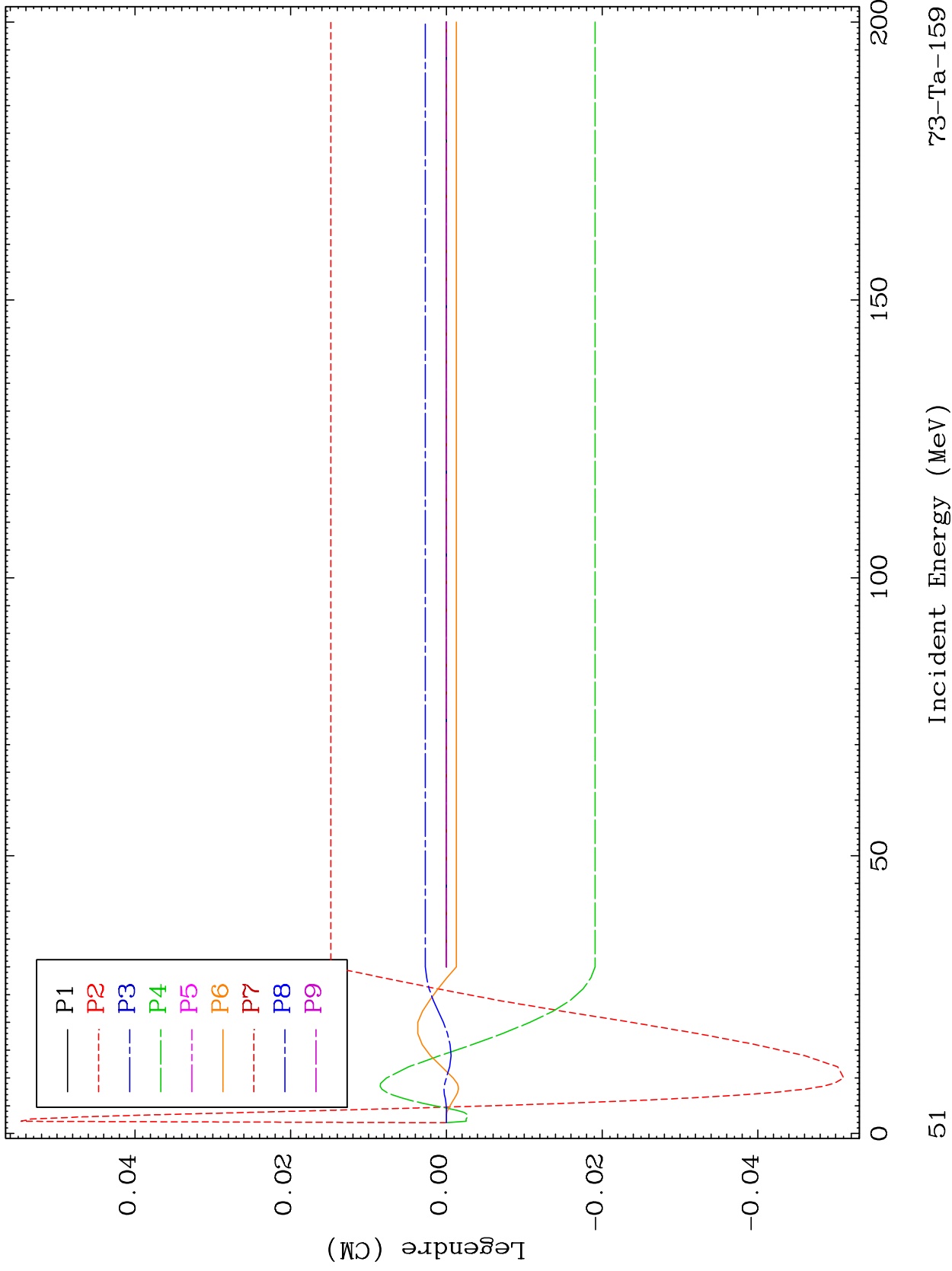


49

Incident Energy (MeV)

73-Ta-159

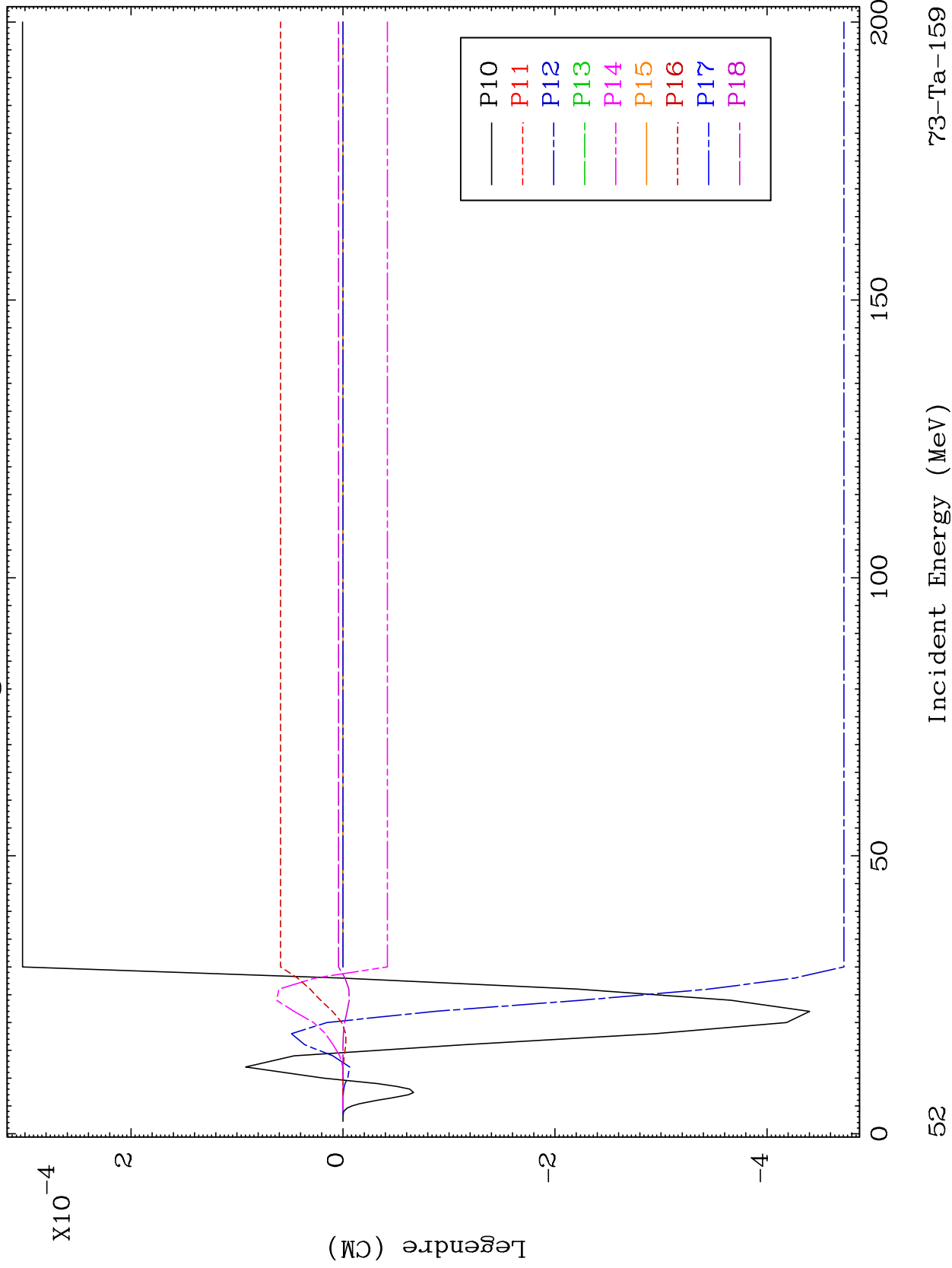


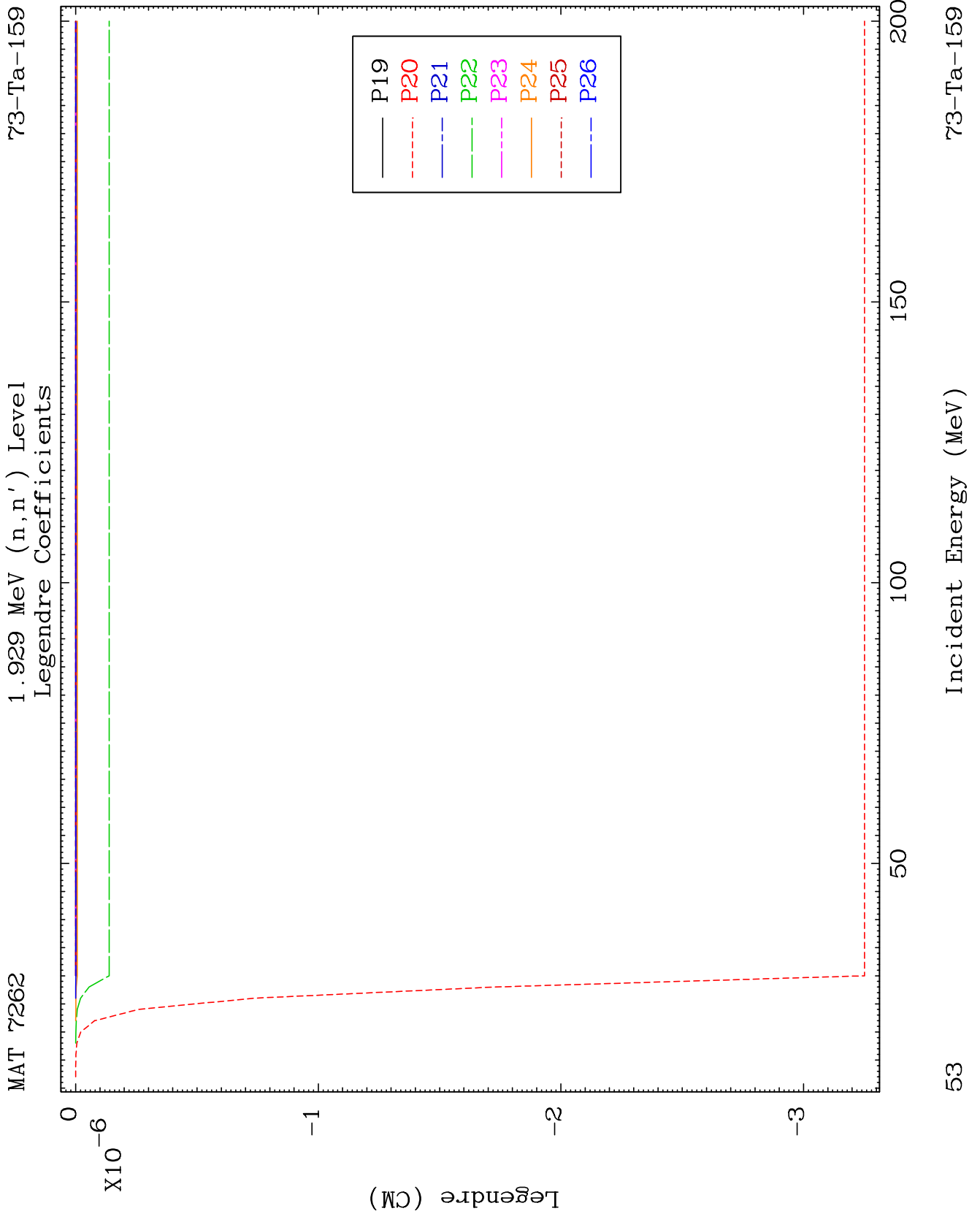


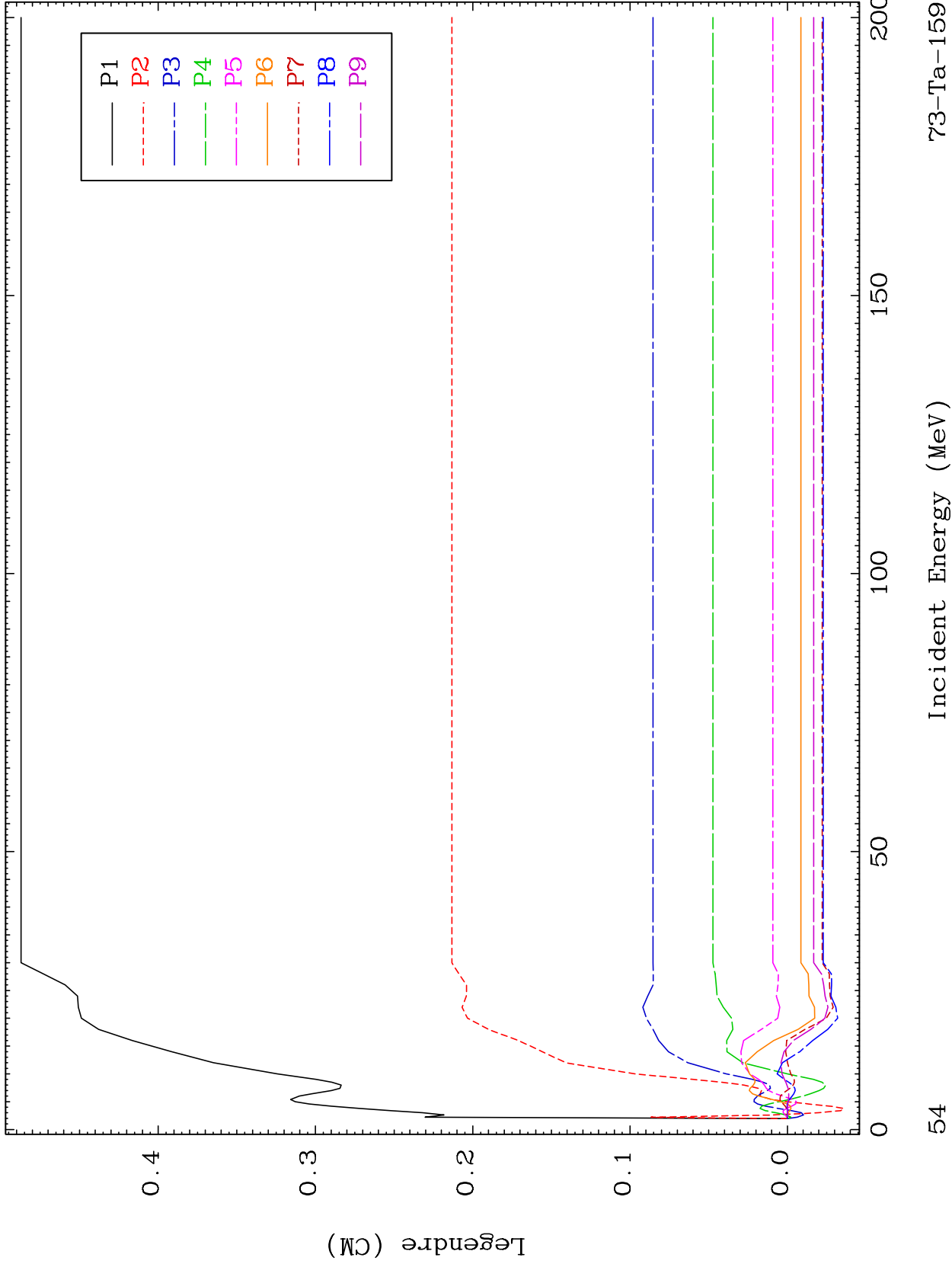
MAT 7262

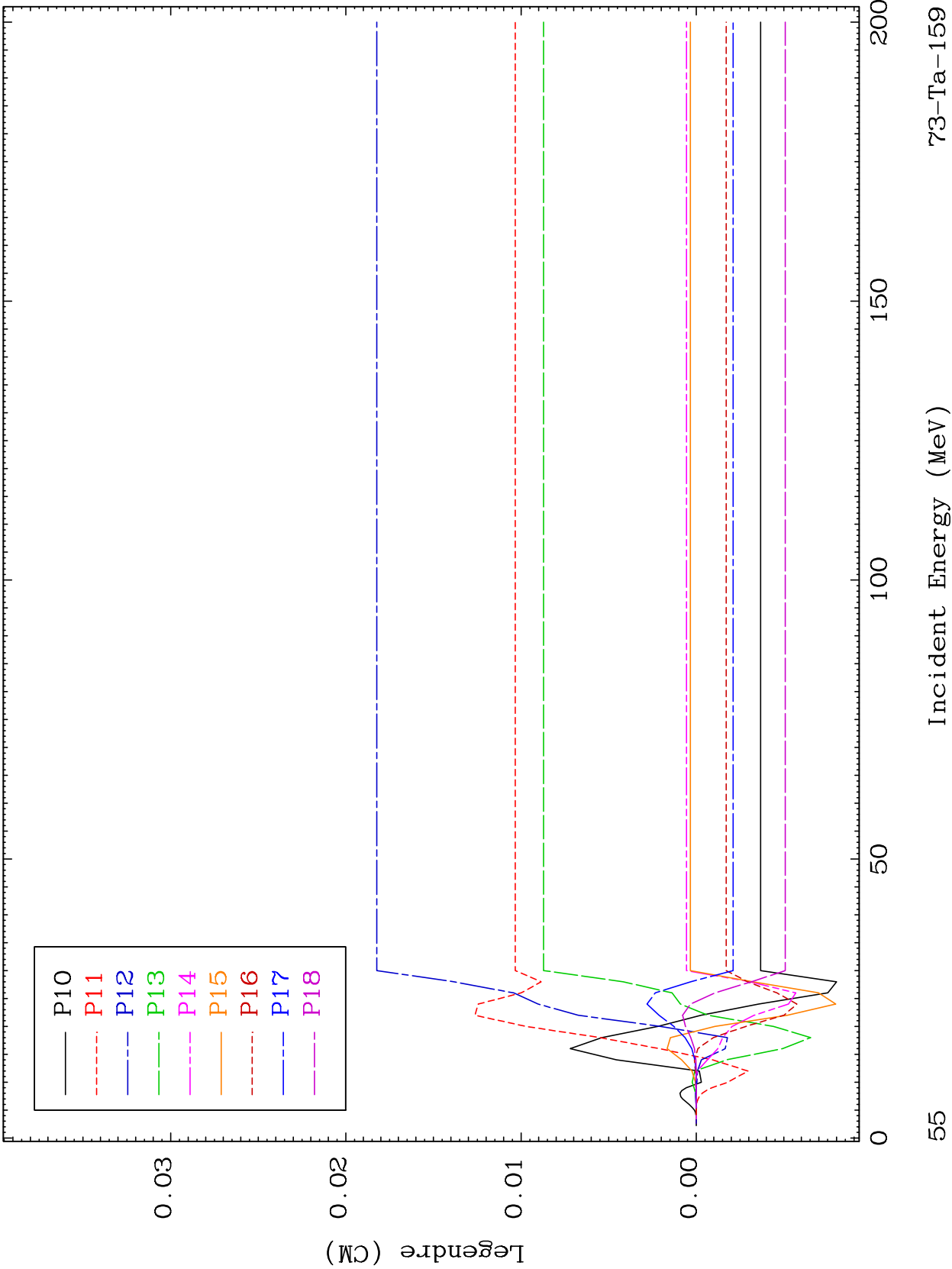
1.929 MeV (n,n') Level
Legendre Coefficients

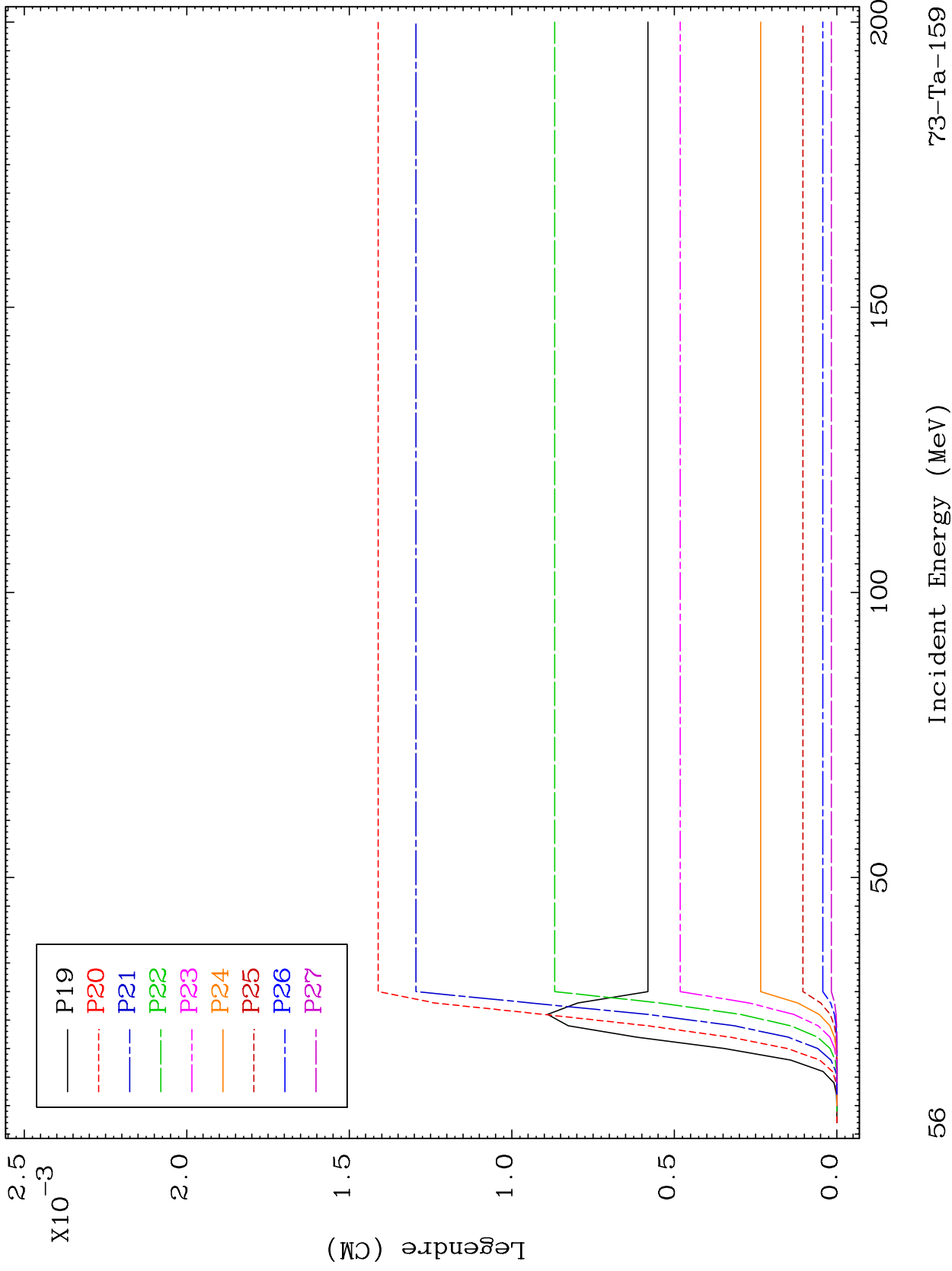
73-Ta-159







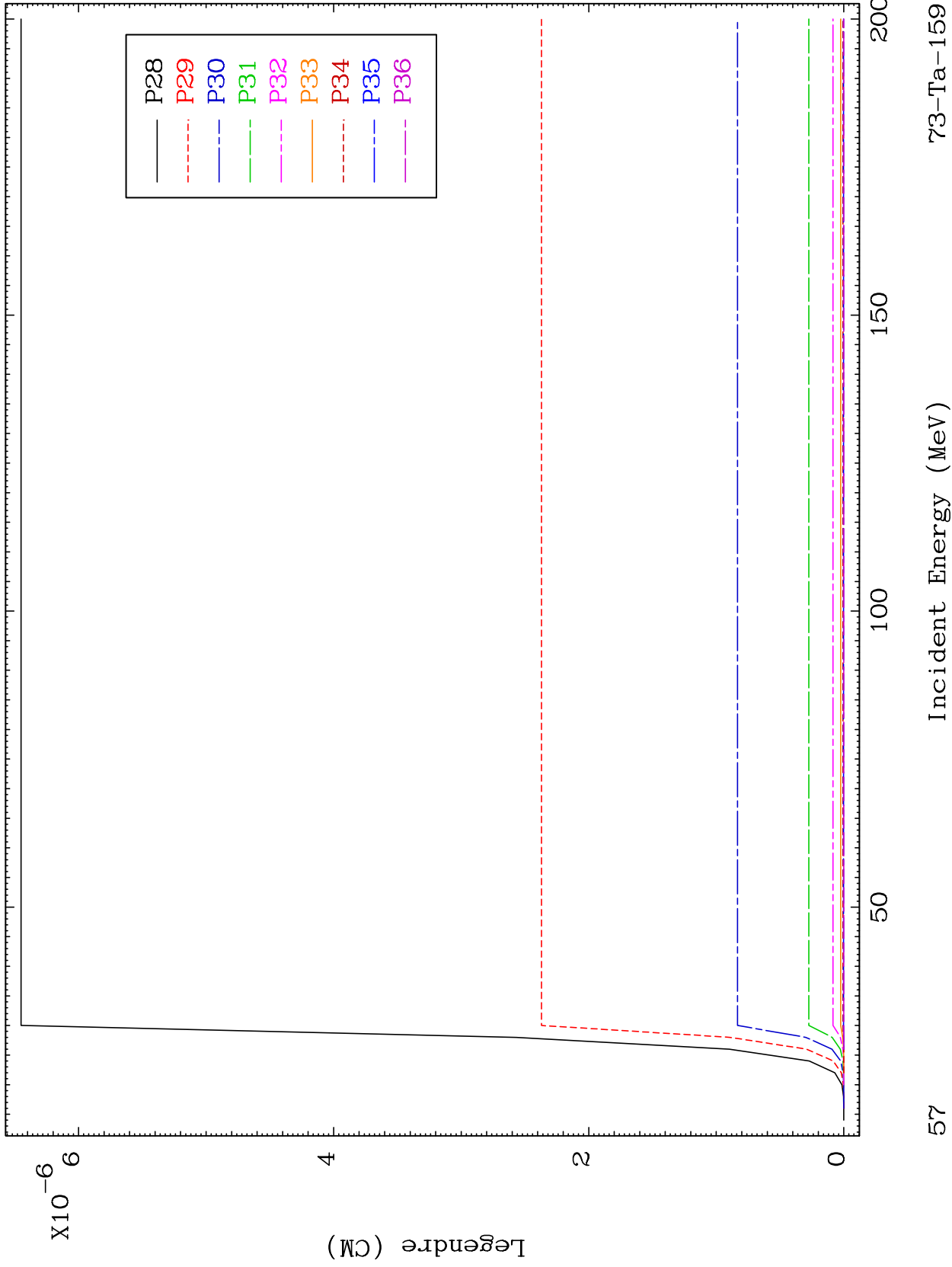




MAT 7262

1.934 MeV (n,n') Level
Legendre Coefficients

73-Ta-159



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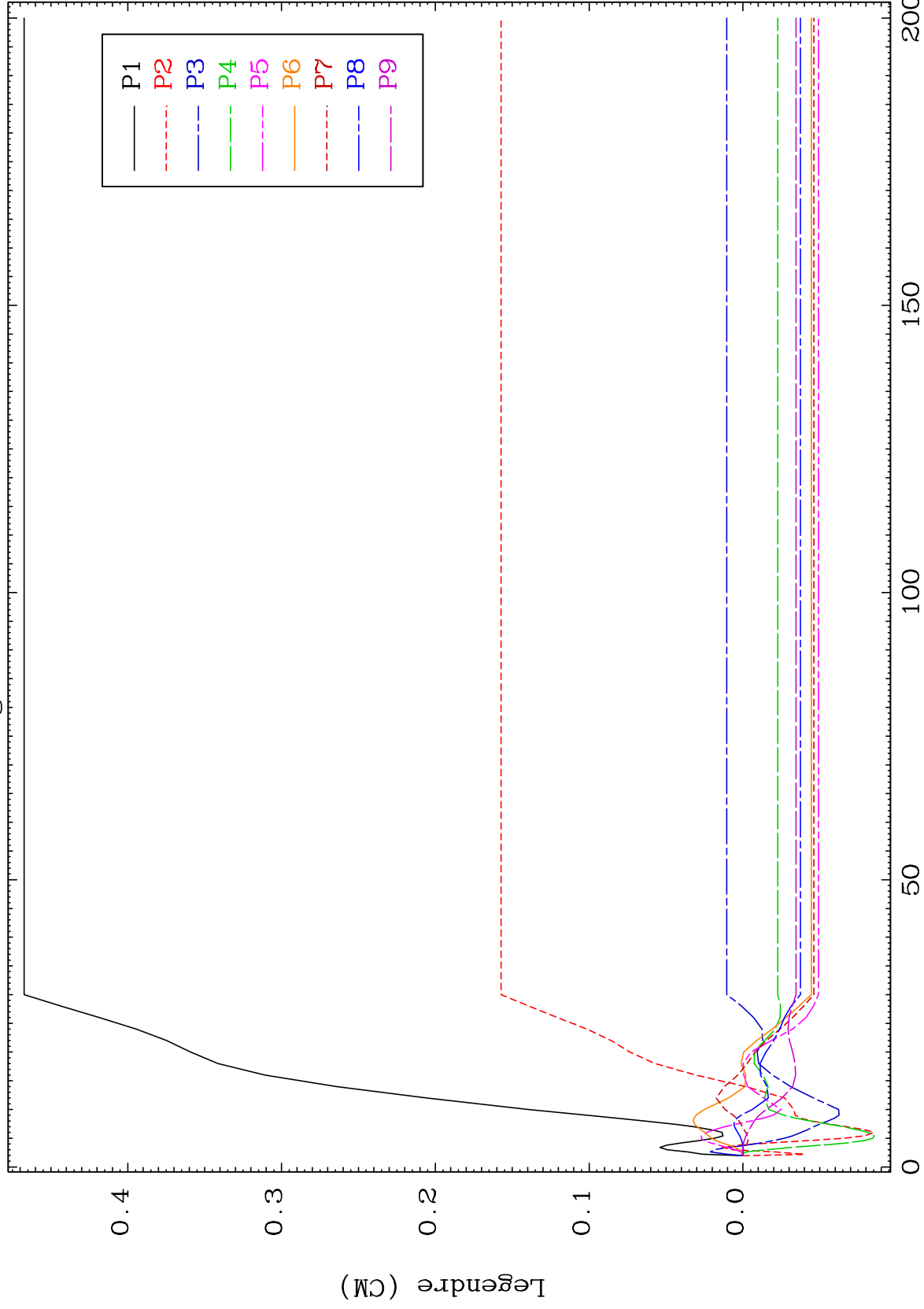
Incident Energy (MeV)

73-Ta-159

MAT 7262

1.935 MeV (n,n') Level
Legendre Coefficients

73-Ta-159



73-Ta-159

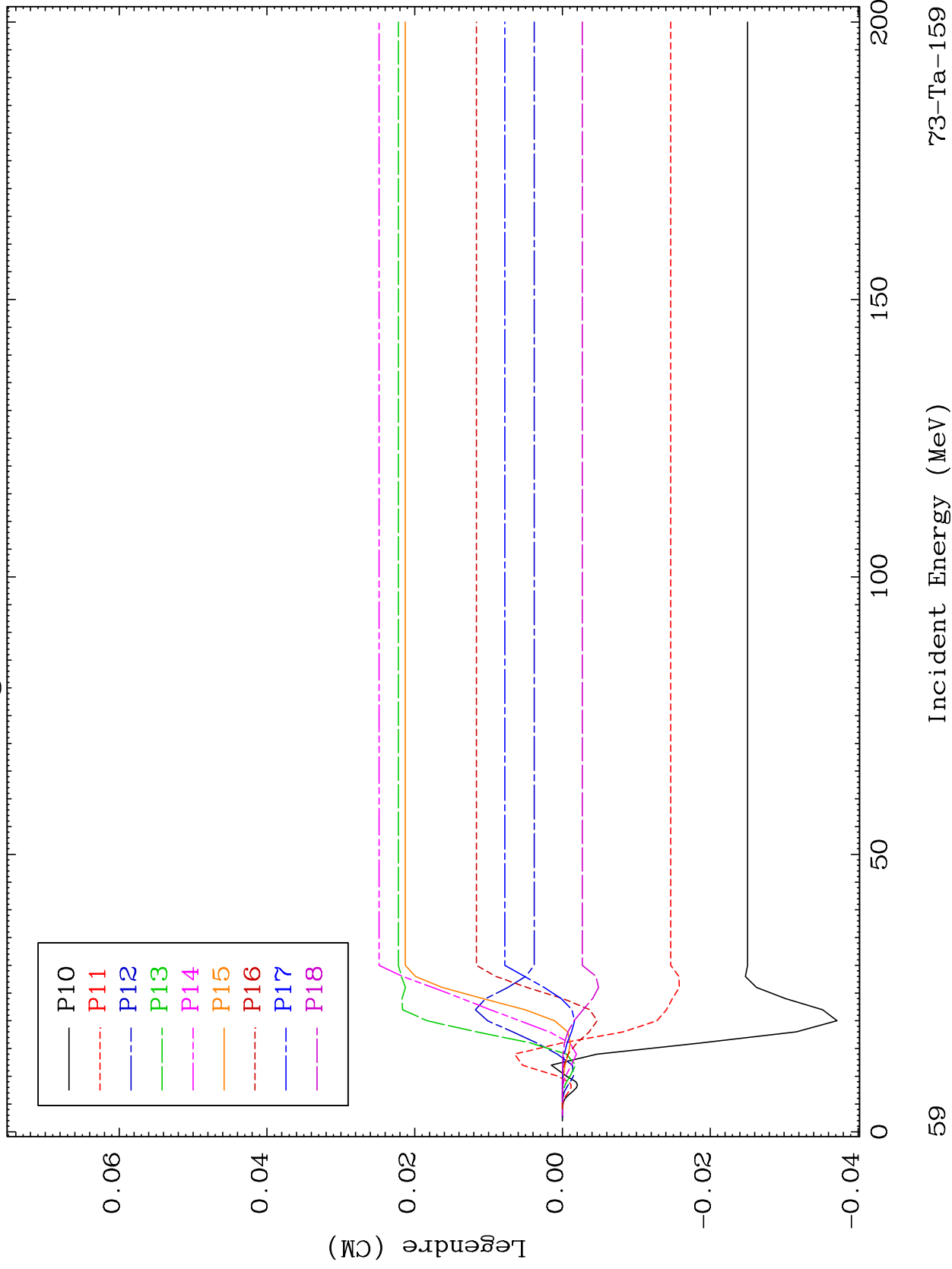
Incident Energy (MeV)

58

MAT 7262

1.935 MeV (n,n') Level
Legendre Coefficients

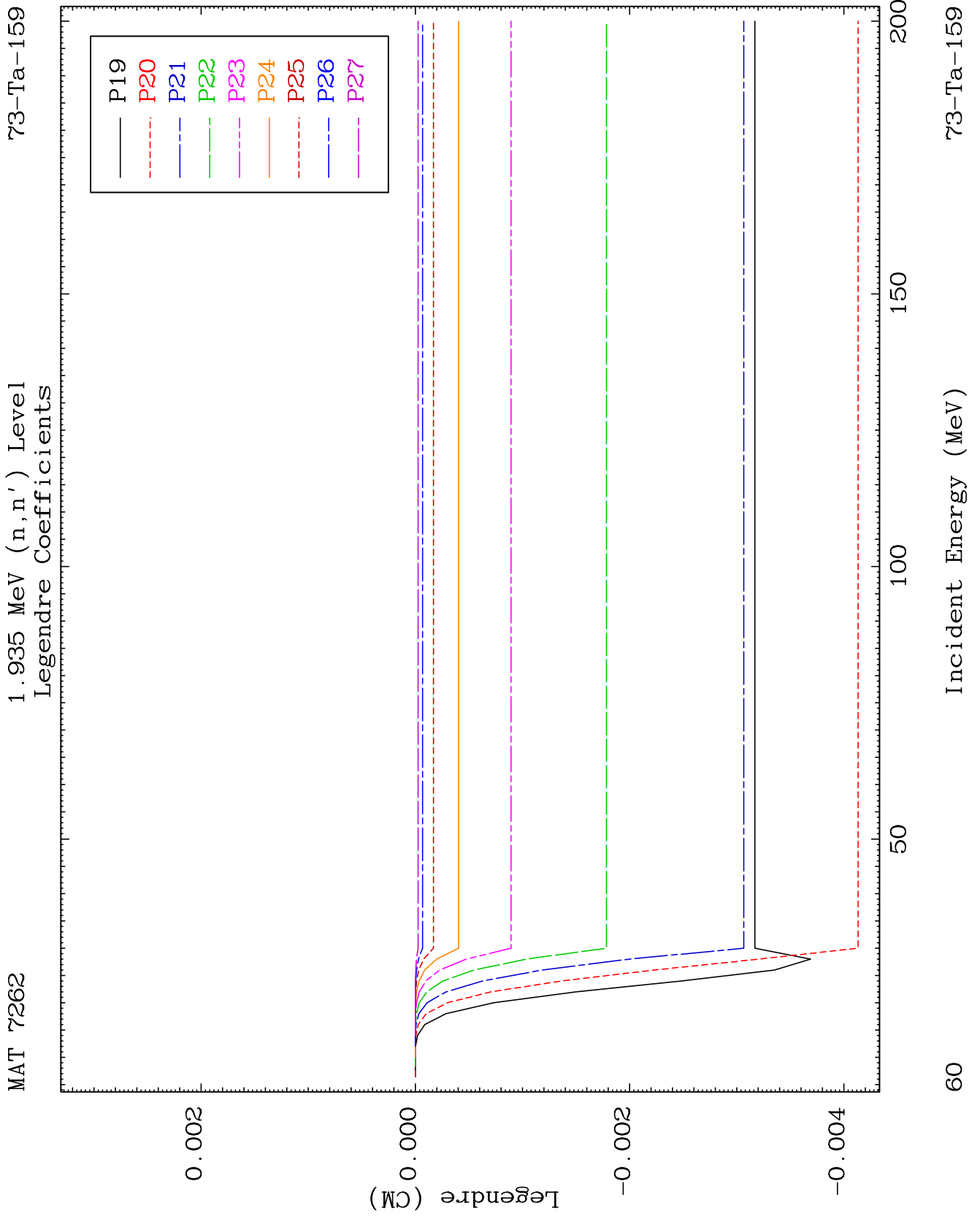
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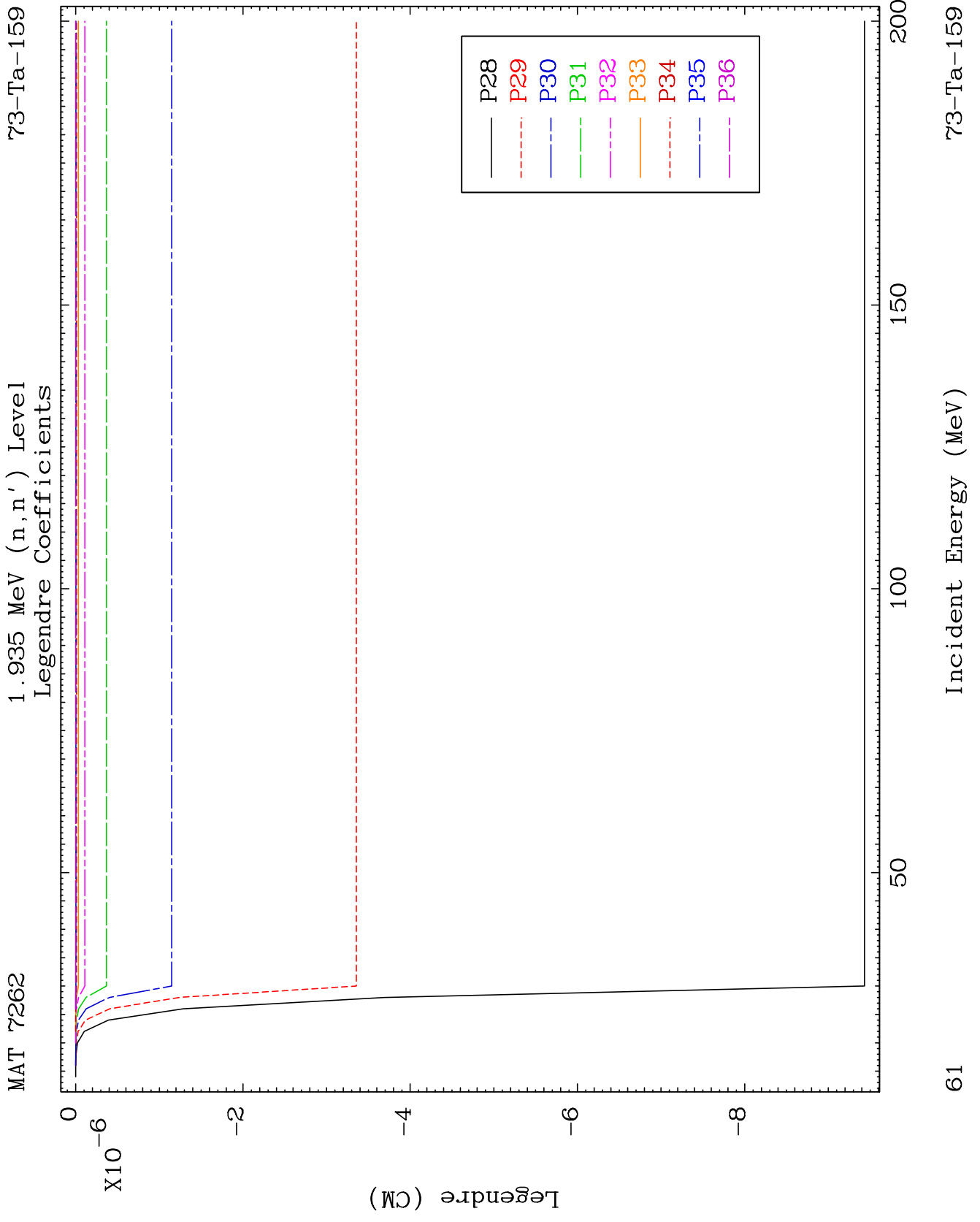


73-Ta-159

Incident Energy (MeV)

59

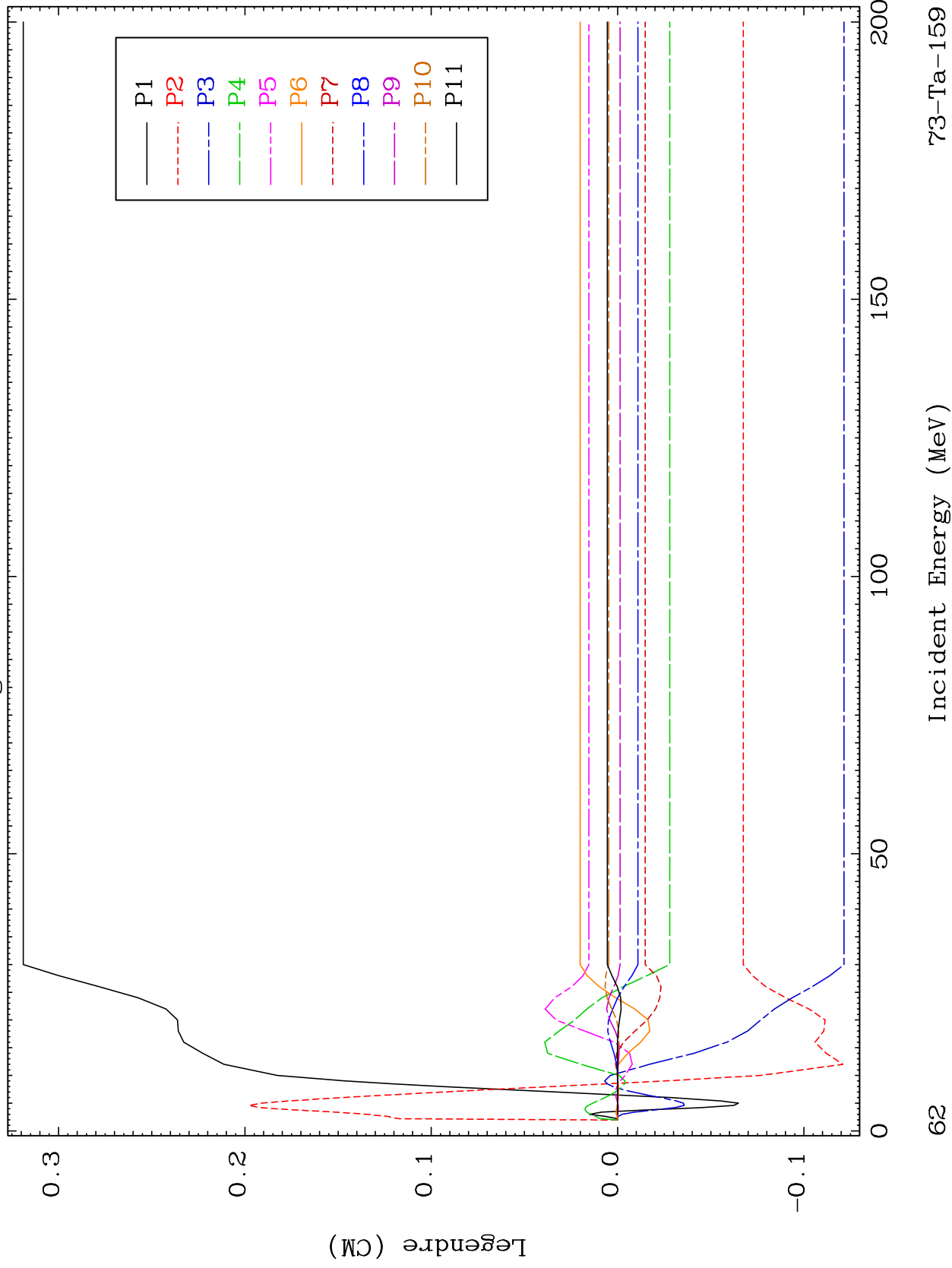




MAT 7262

1.936 MeV (n,n') Level
Legendre Coefficients

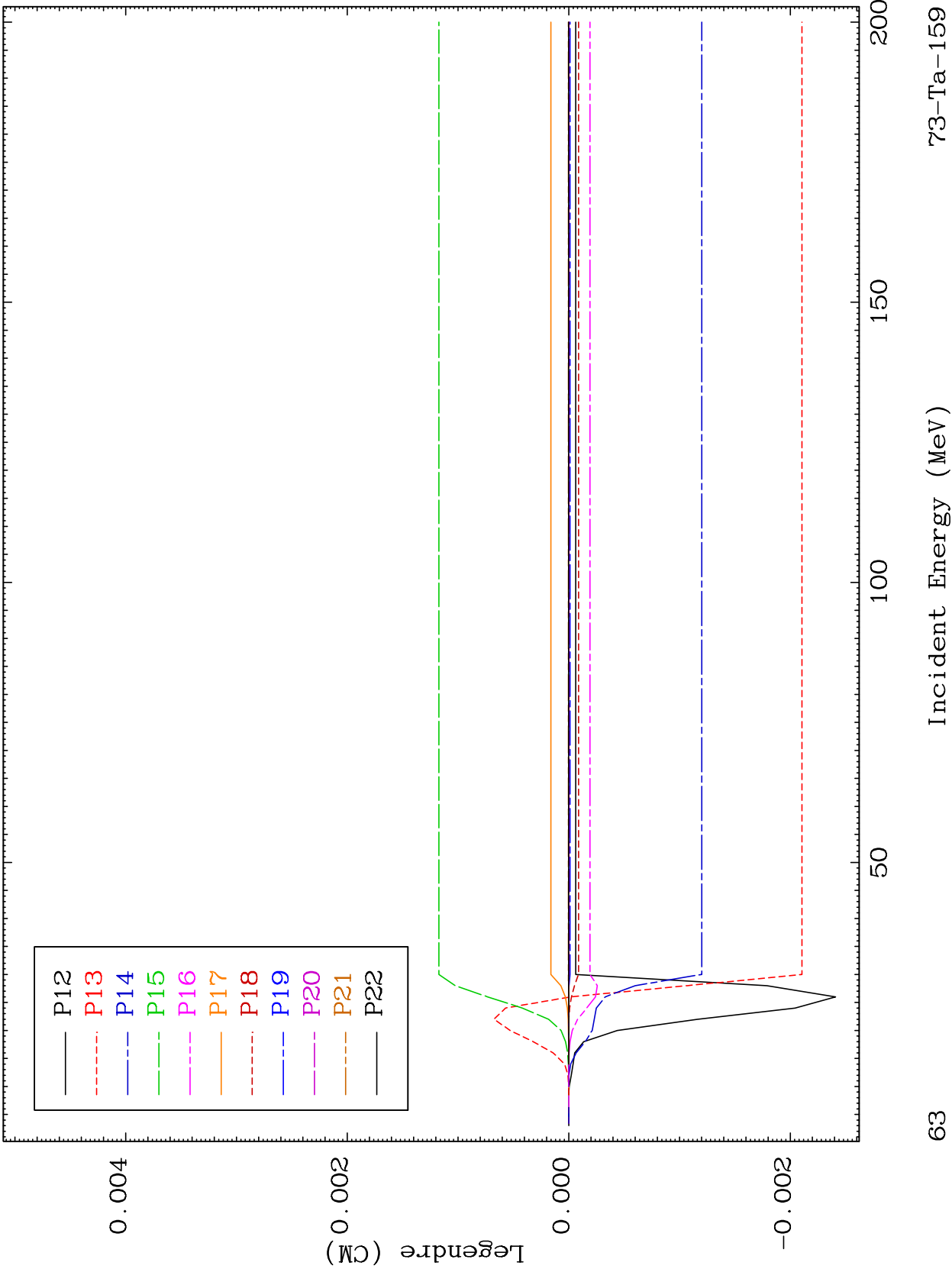
73-Ta-159



73-Ta-159

Incident Energy (MeV)

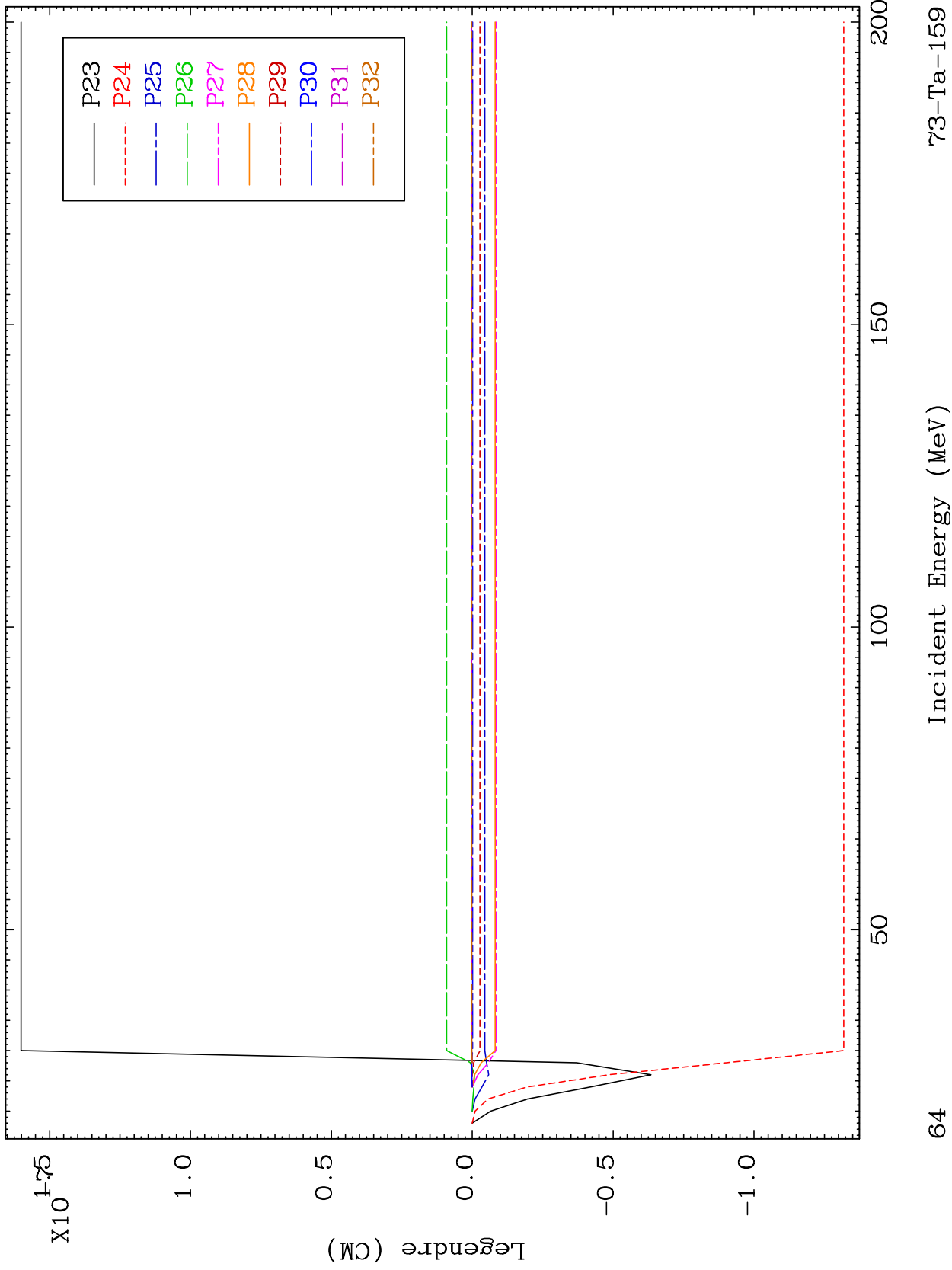
62



MAT 7262

1.936 MeV (n,n') Level
Legendre Coefficients

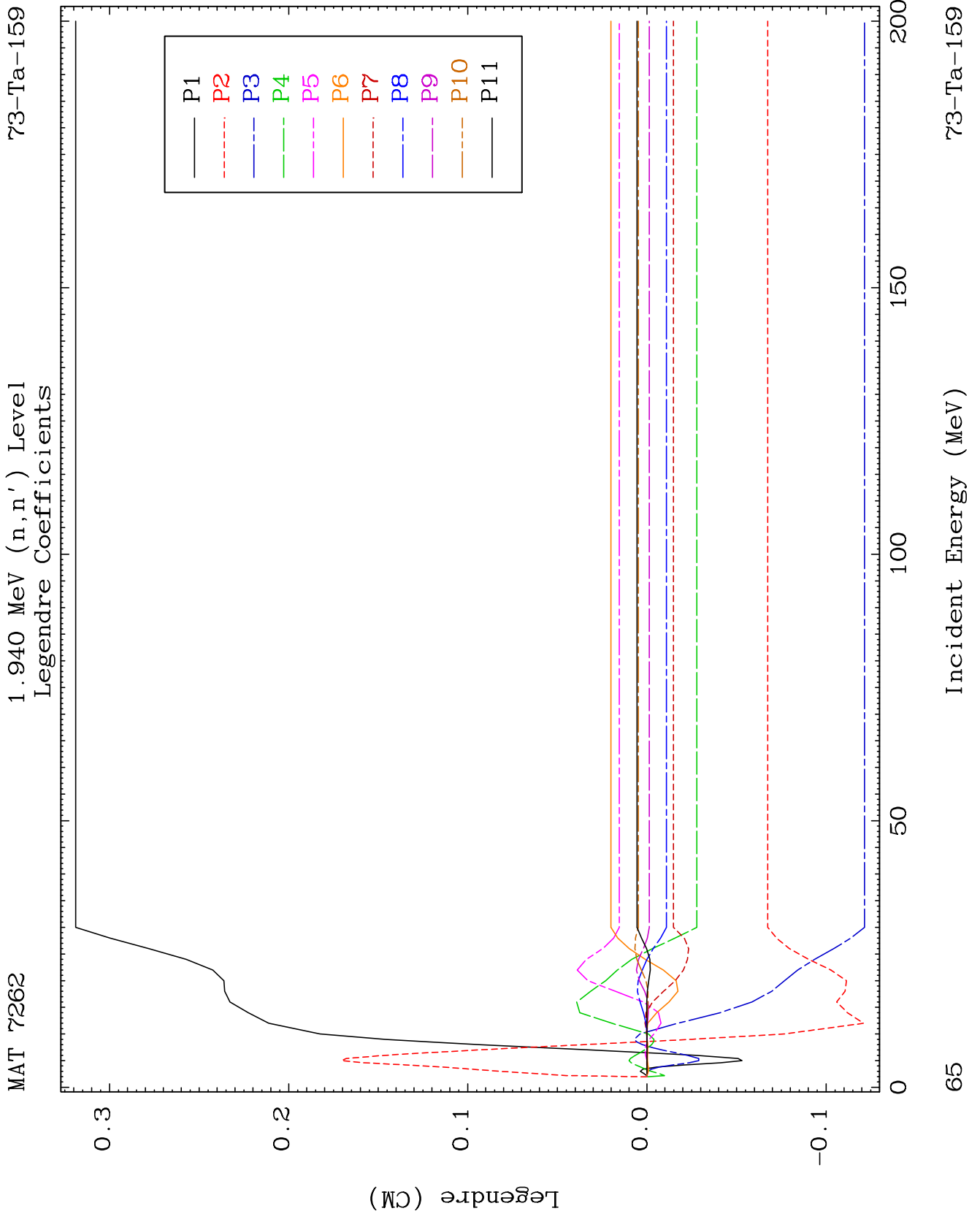
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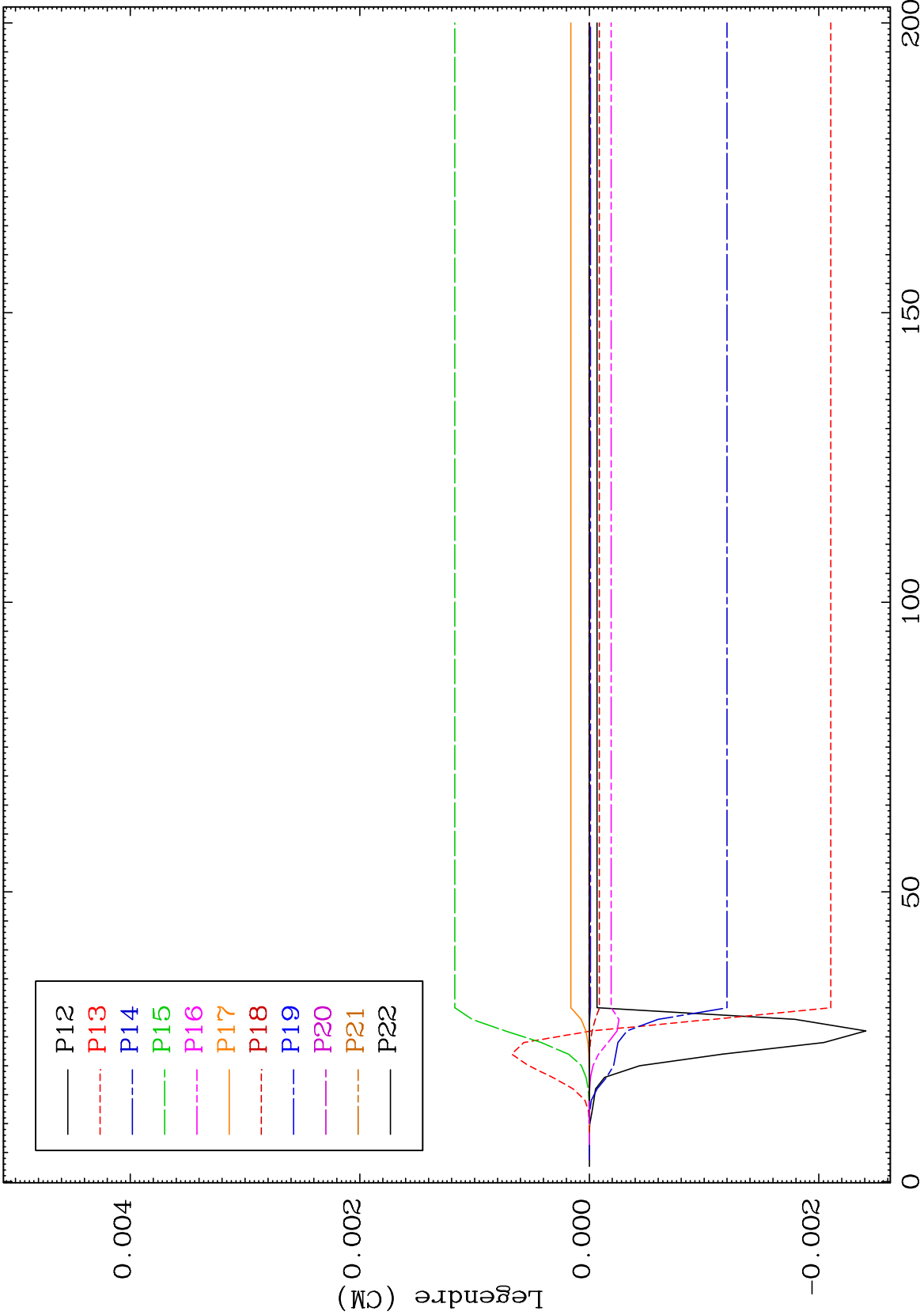


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Incident Energy (MeV)

73-Ta-159

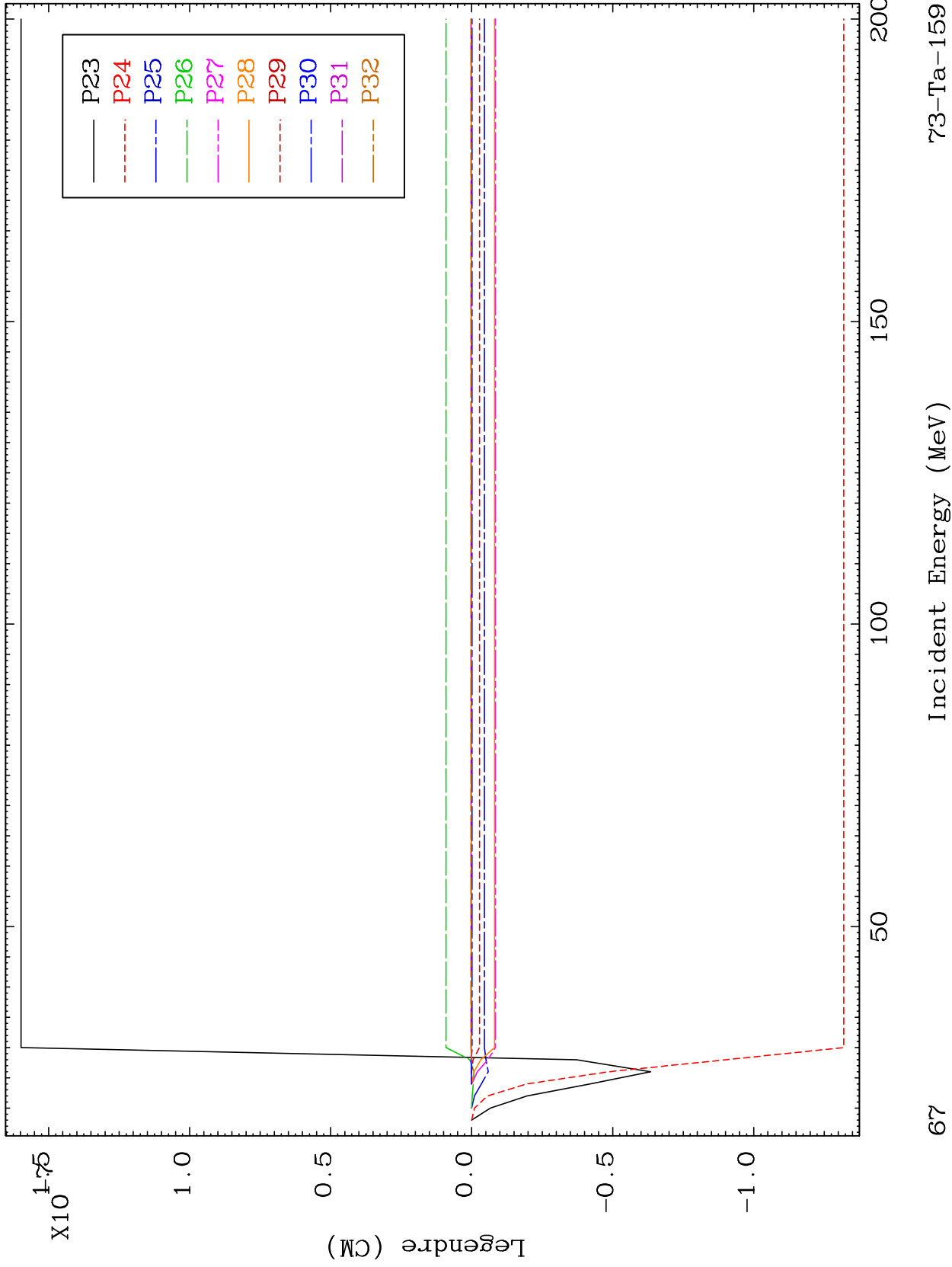




MAT 7262

1.940 MeV (n,n') Level
Legendre Coefficients

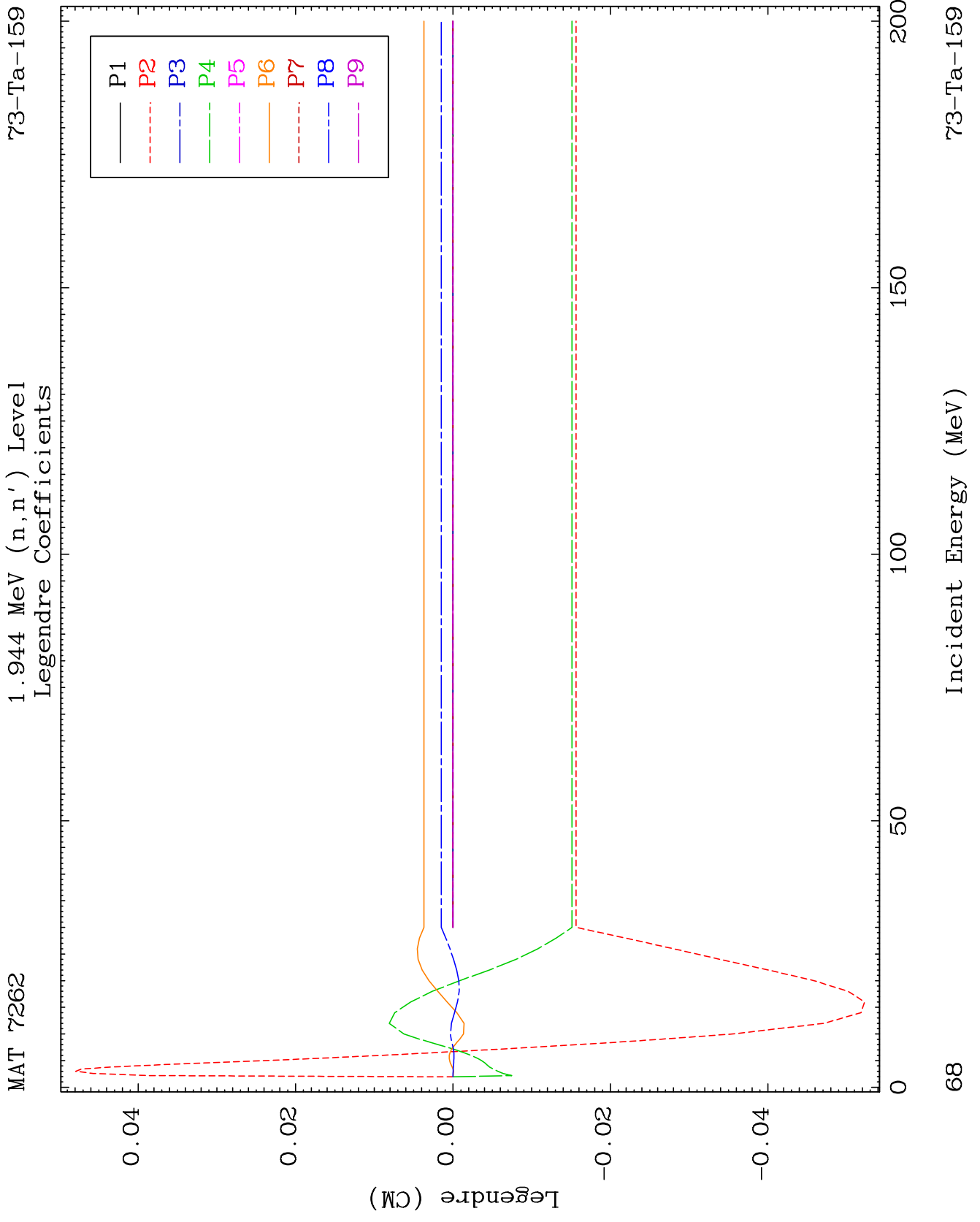
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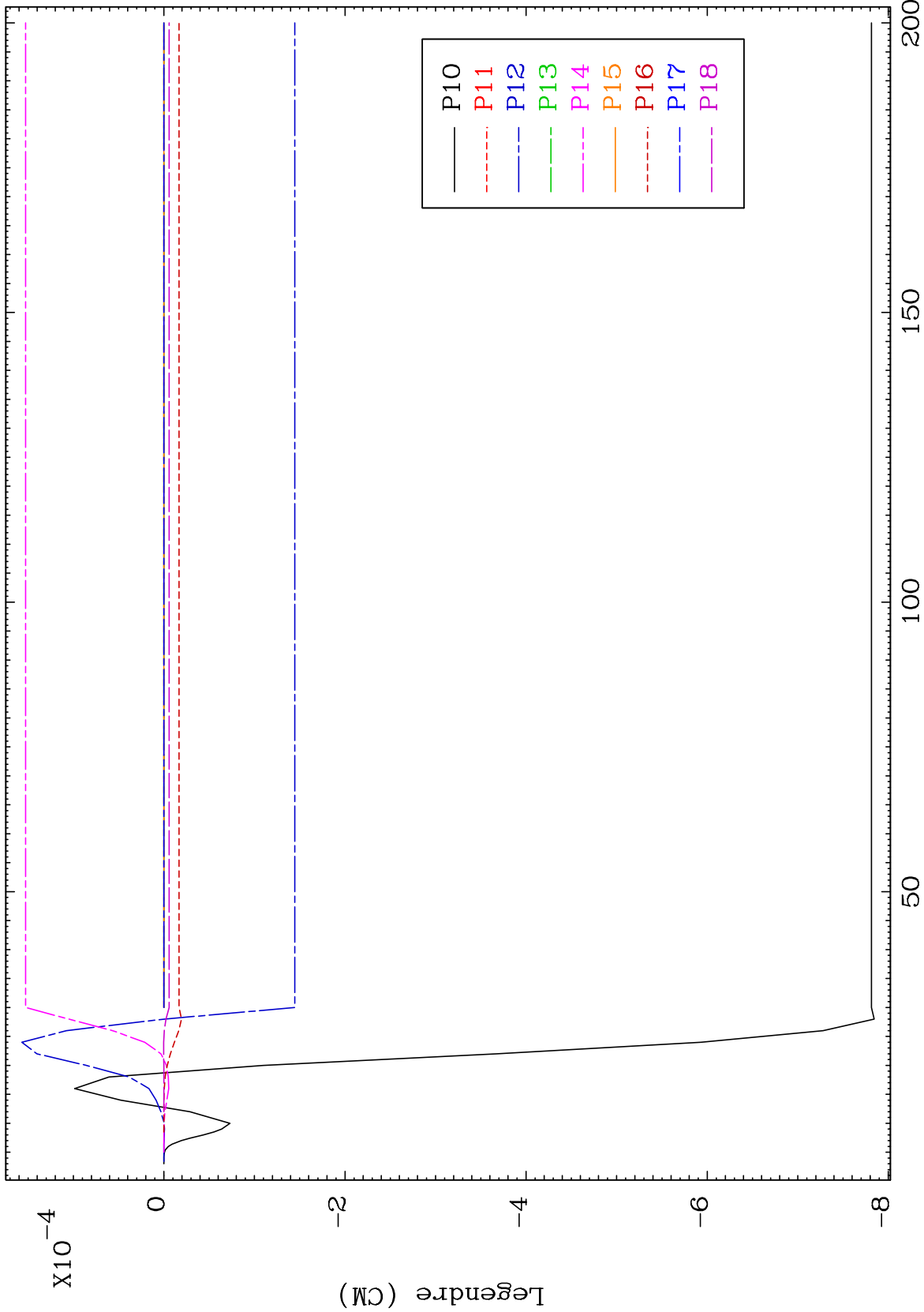


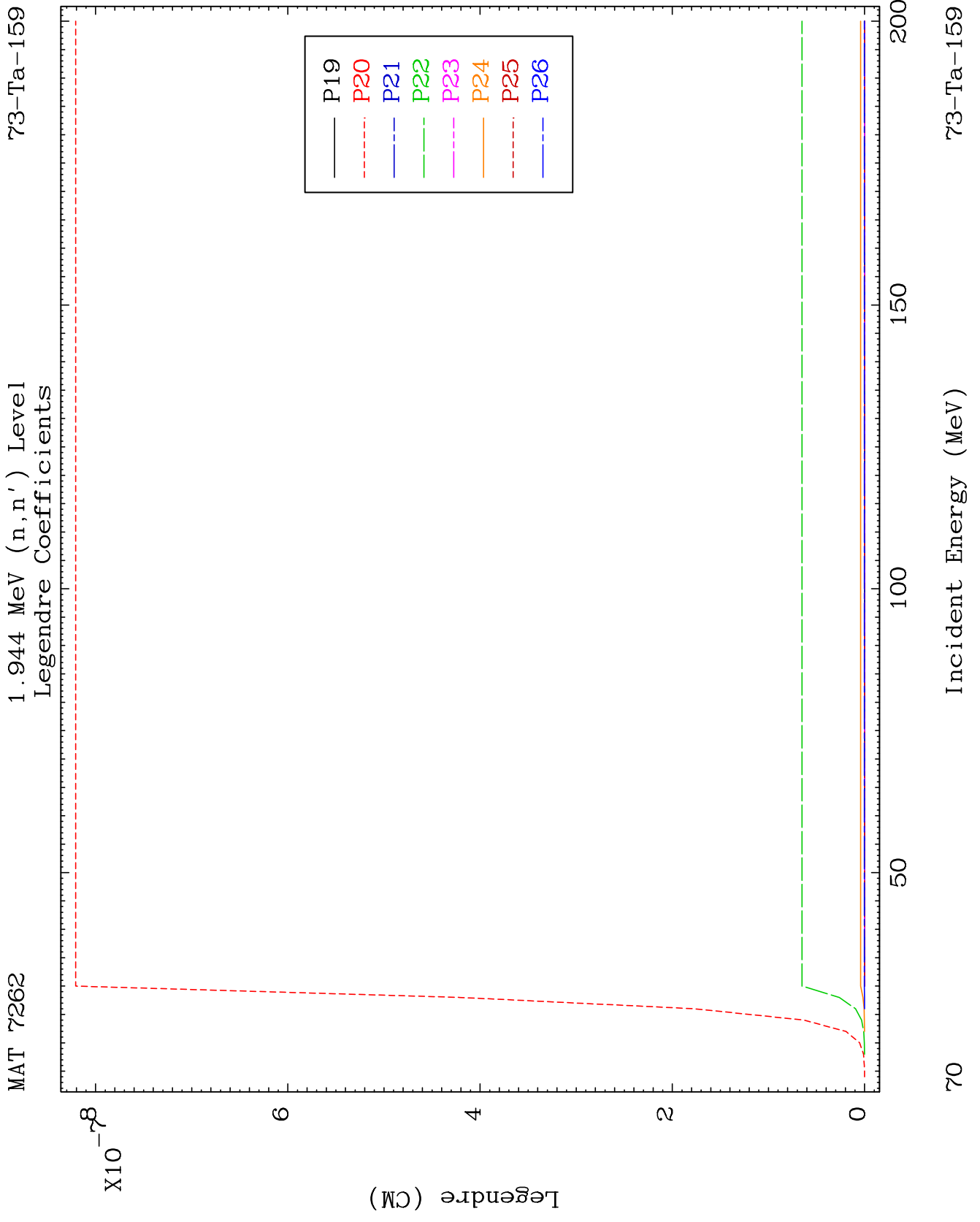
67

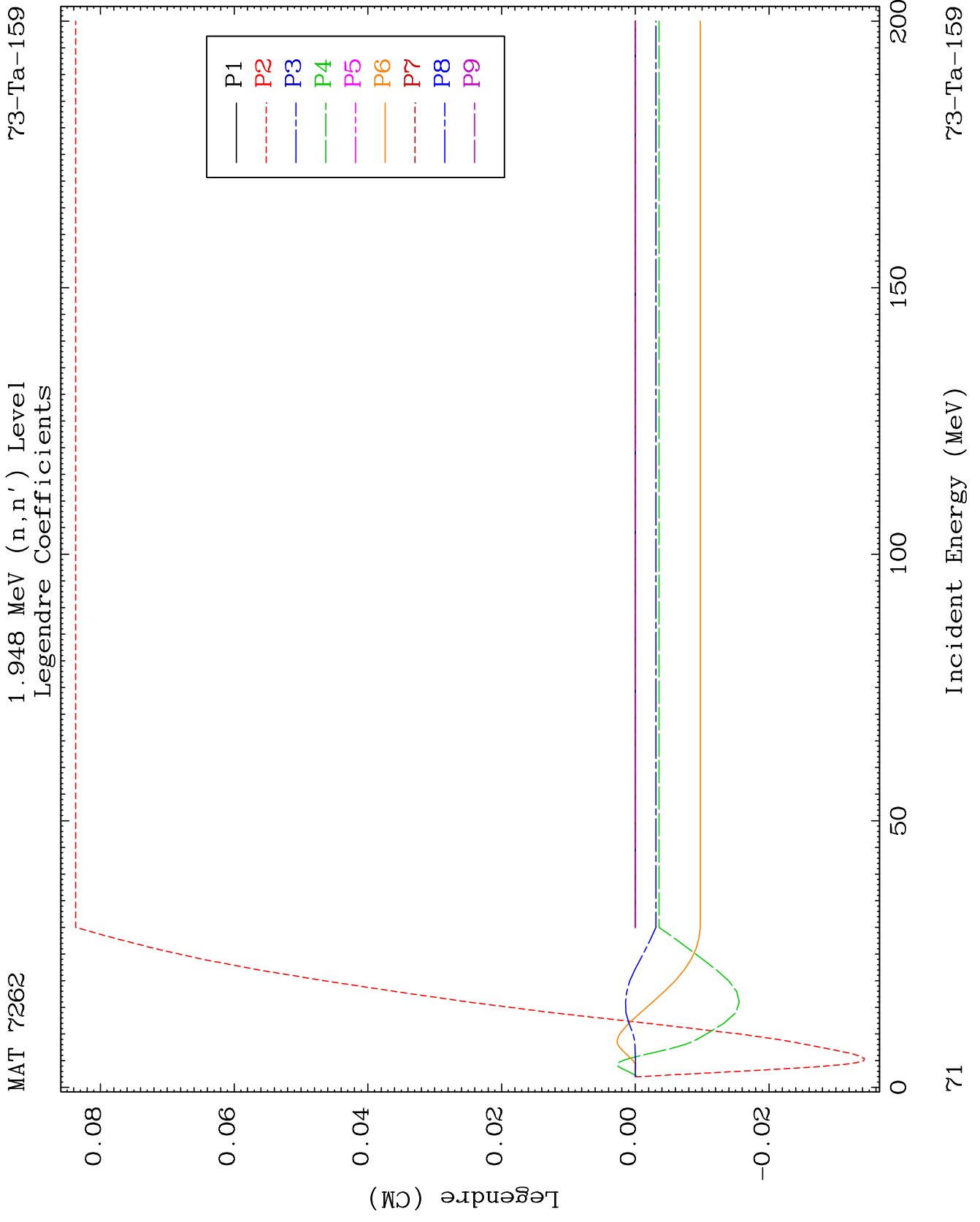
Incident Energy (MeV)

73-Ta-159





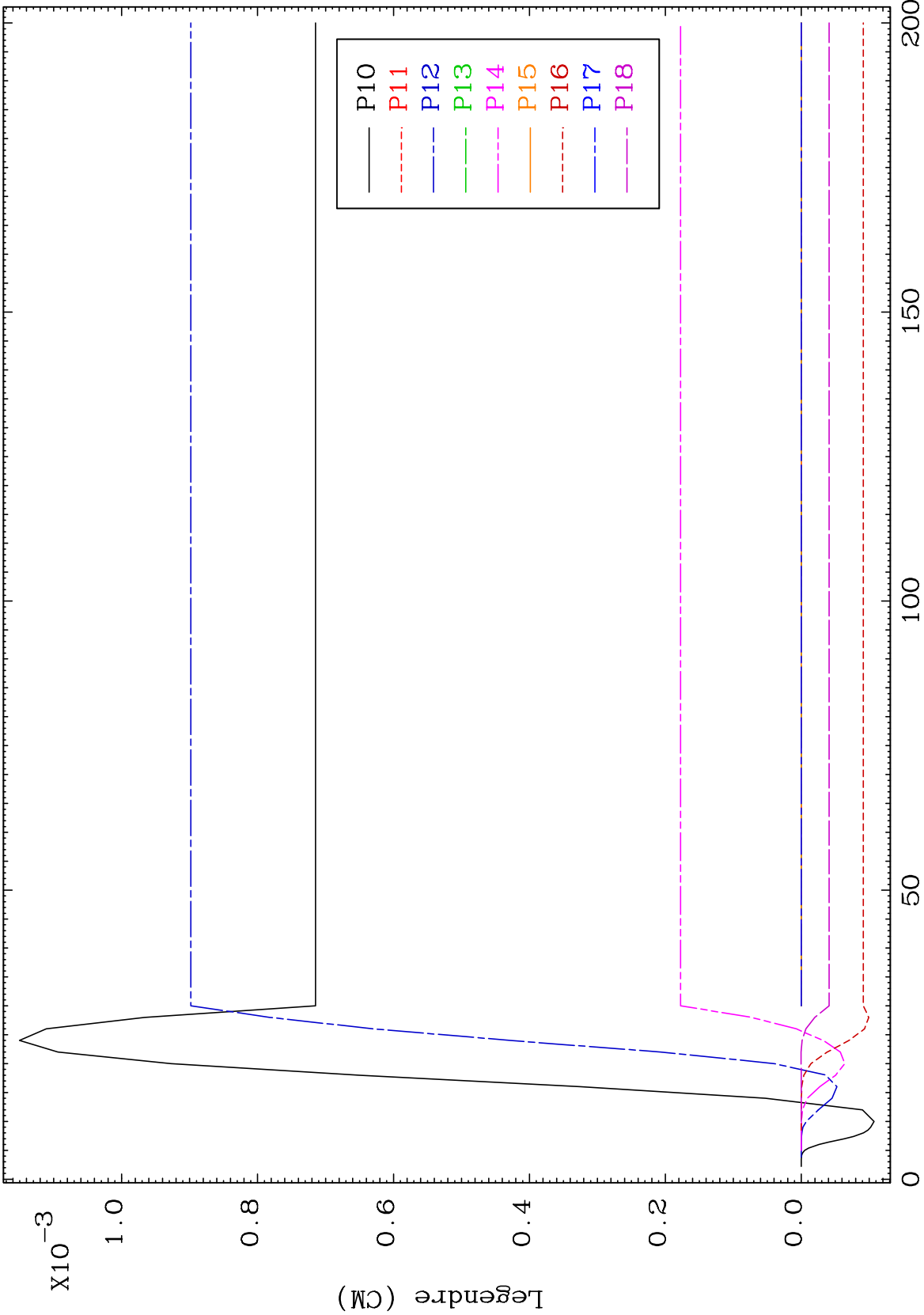




MAT 7262

1.948 MeV (n,n') Level
Legendre Coefficients

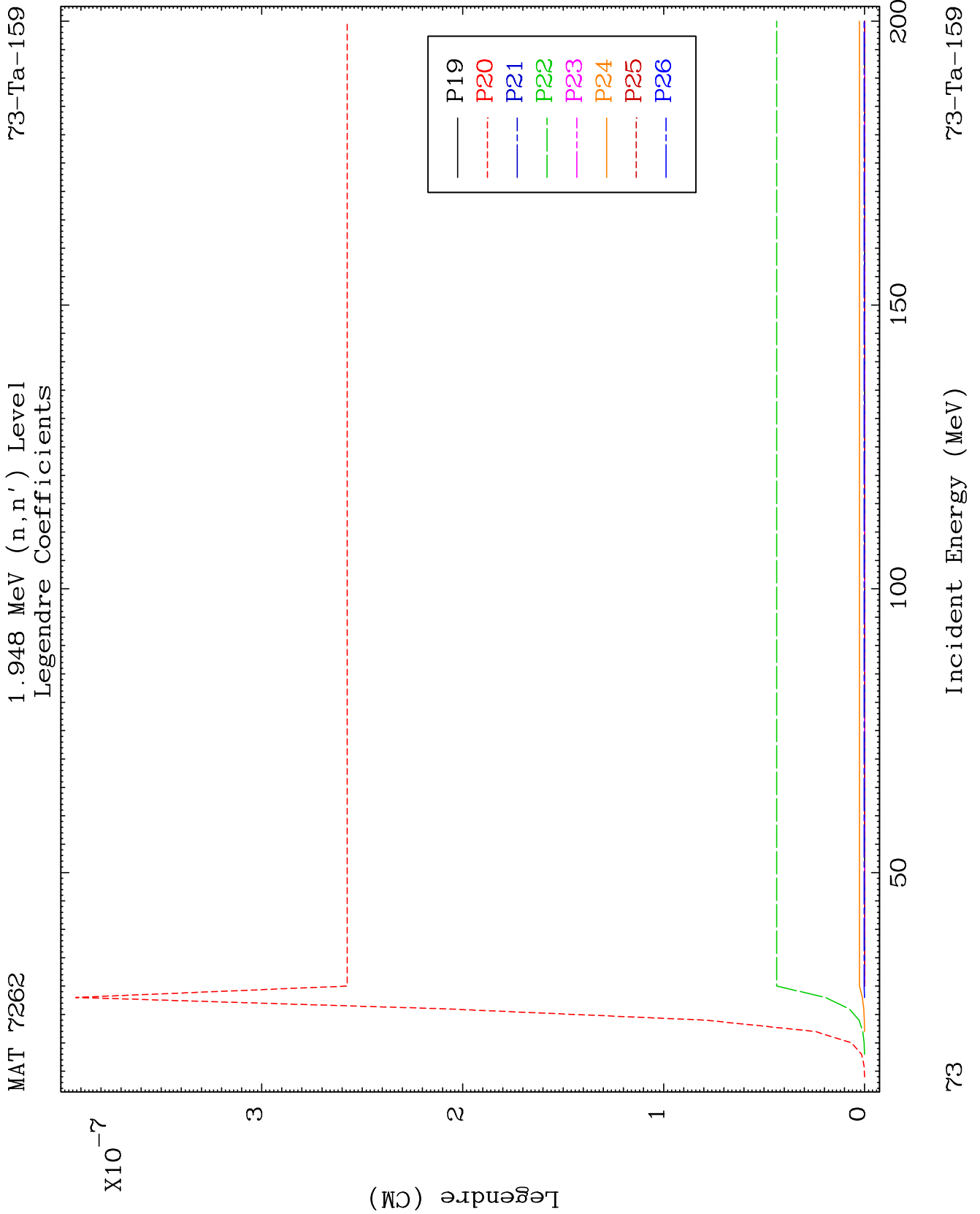
73-Ta-159

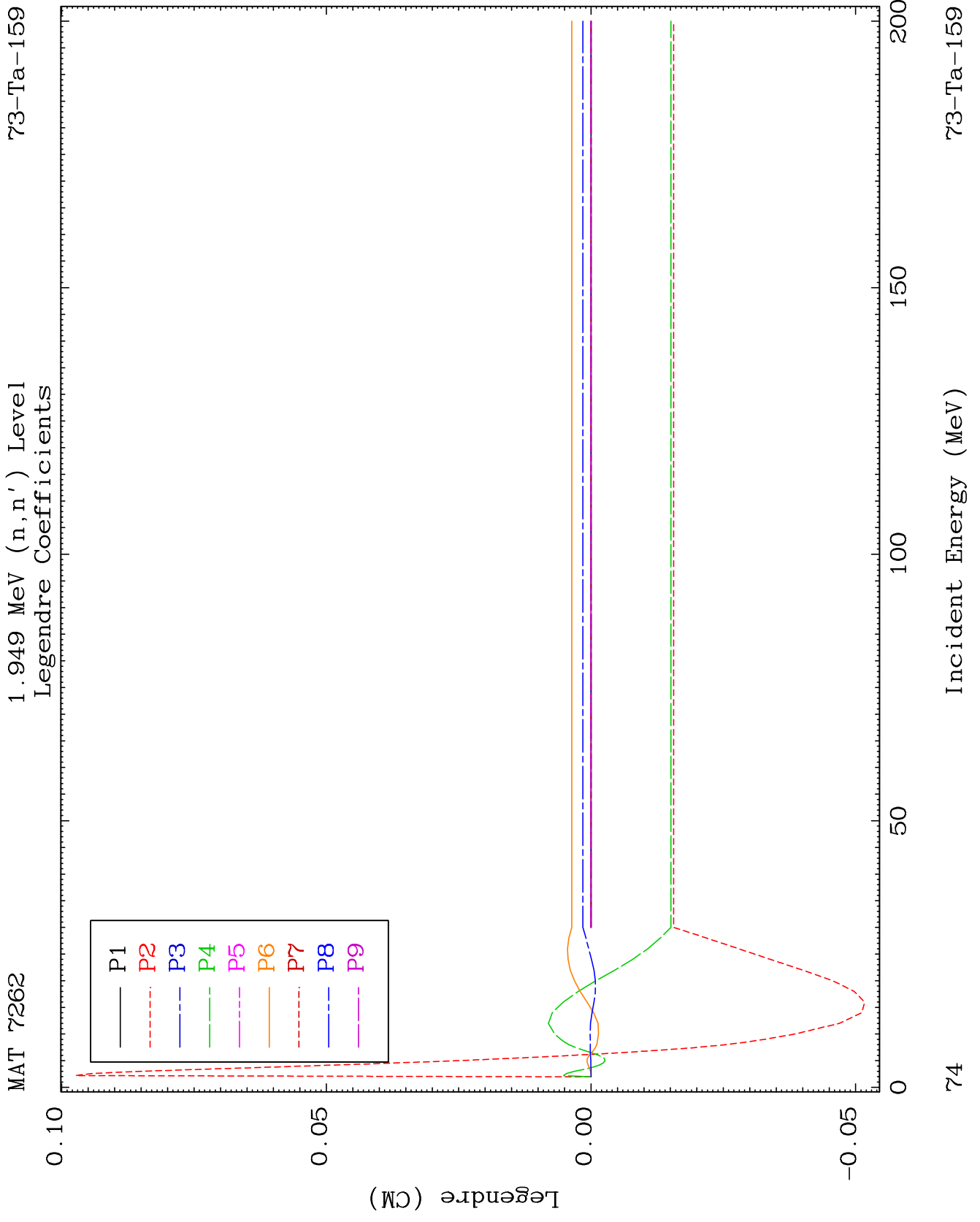


72

Incident Energy (MeV)

73-Ta-159

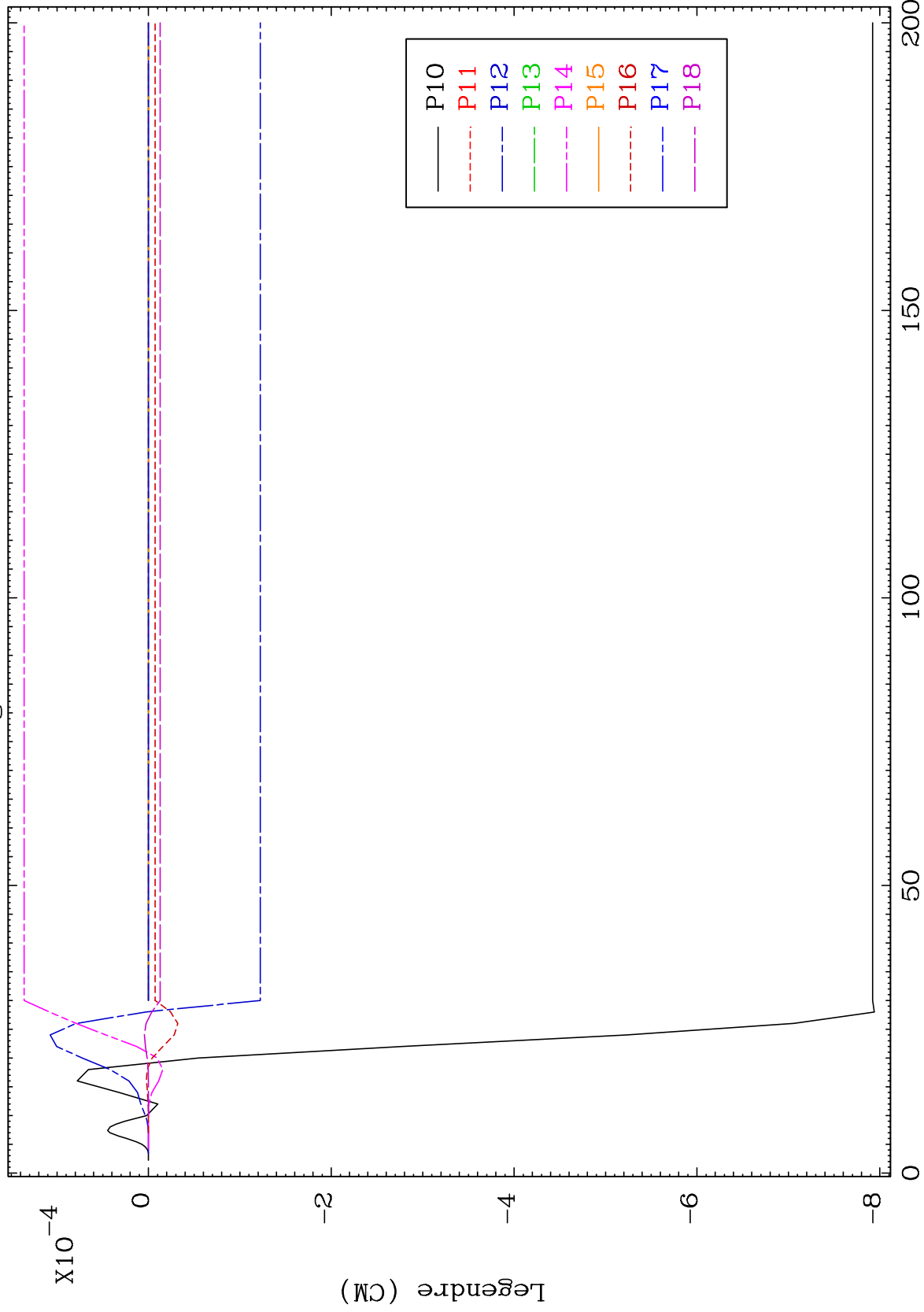




MAT 7262

1.949 MeV (n,n') Level
Legendre Coefficients

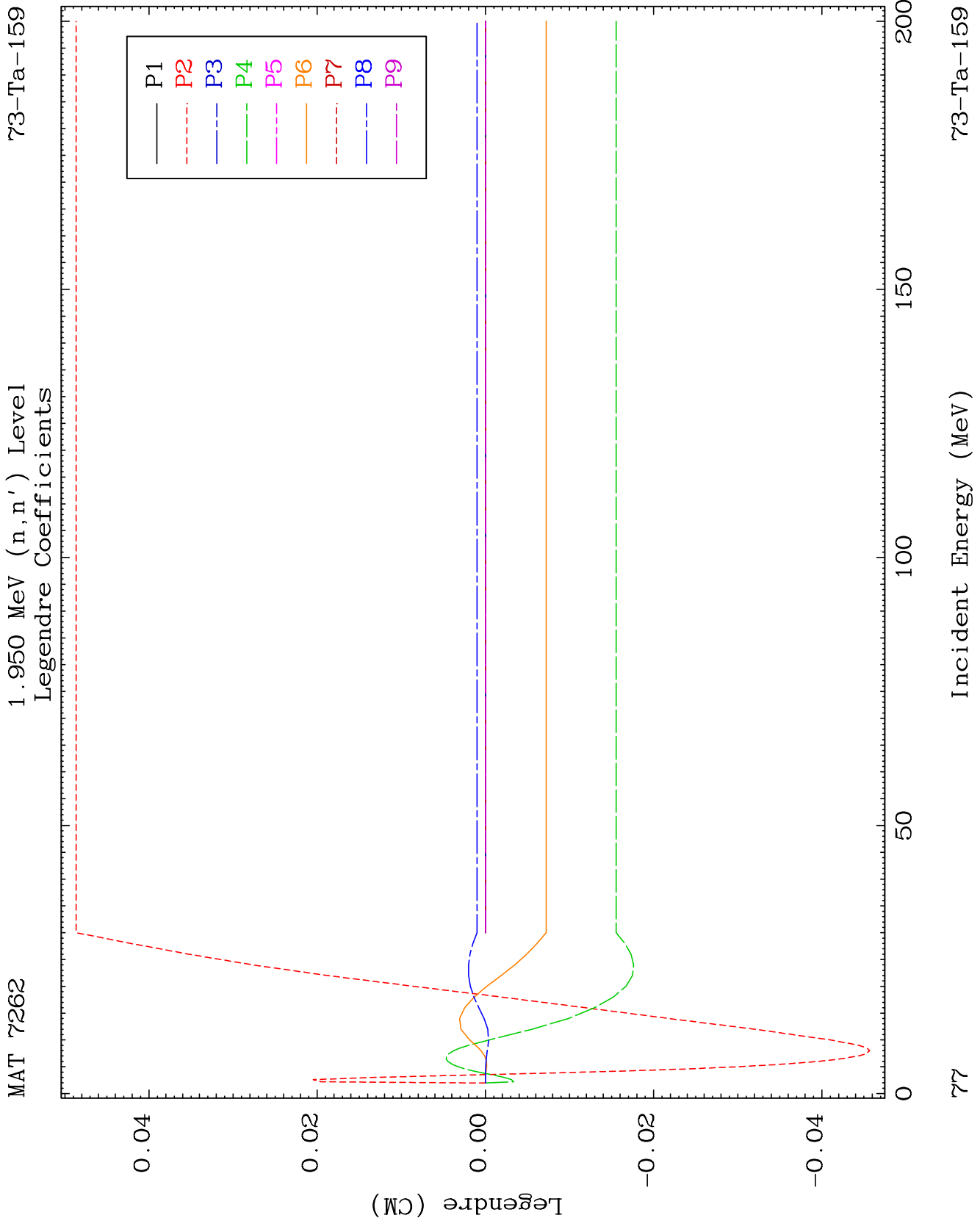
73-Ta-159



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Incident Energy (MeV)

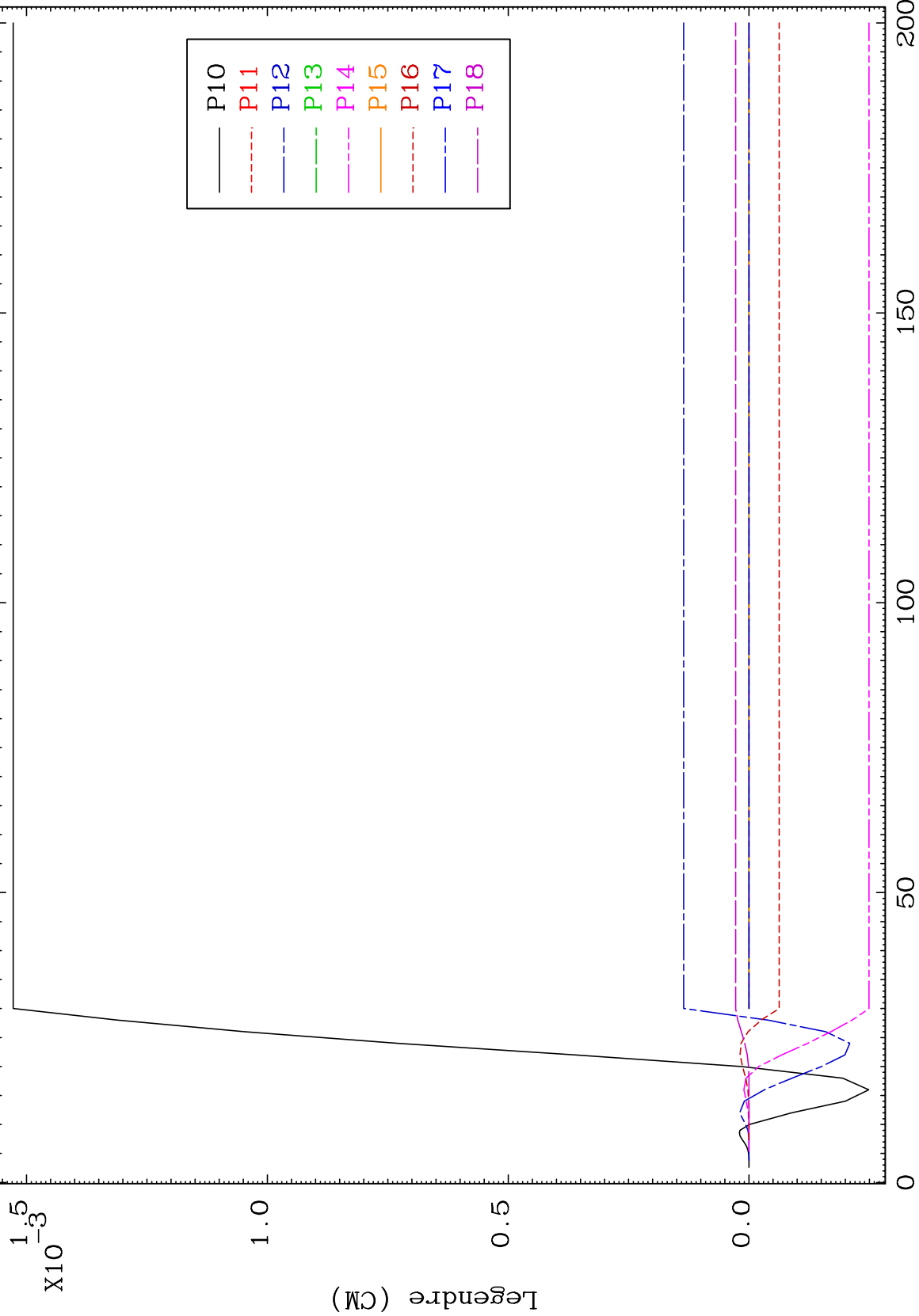
73-Ta-159



MAT 7262

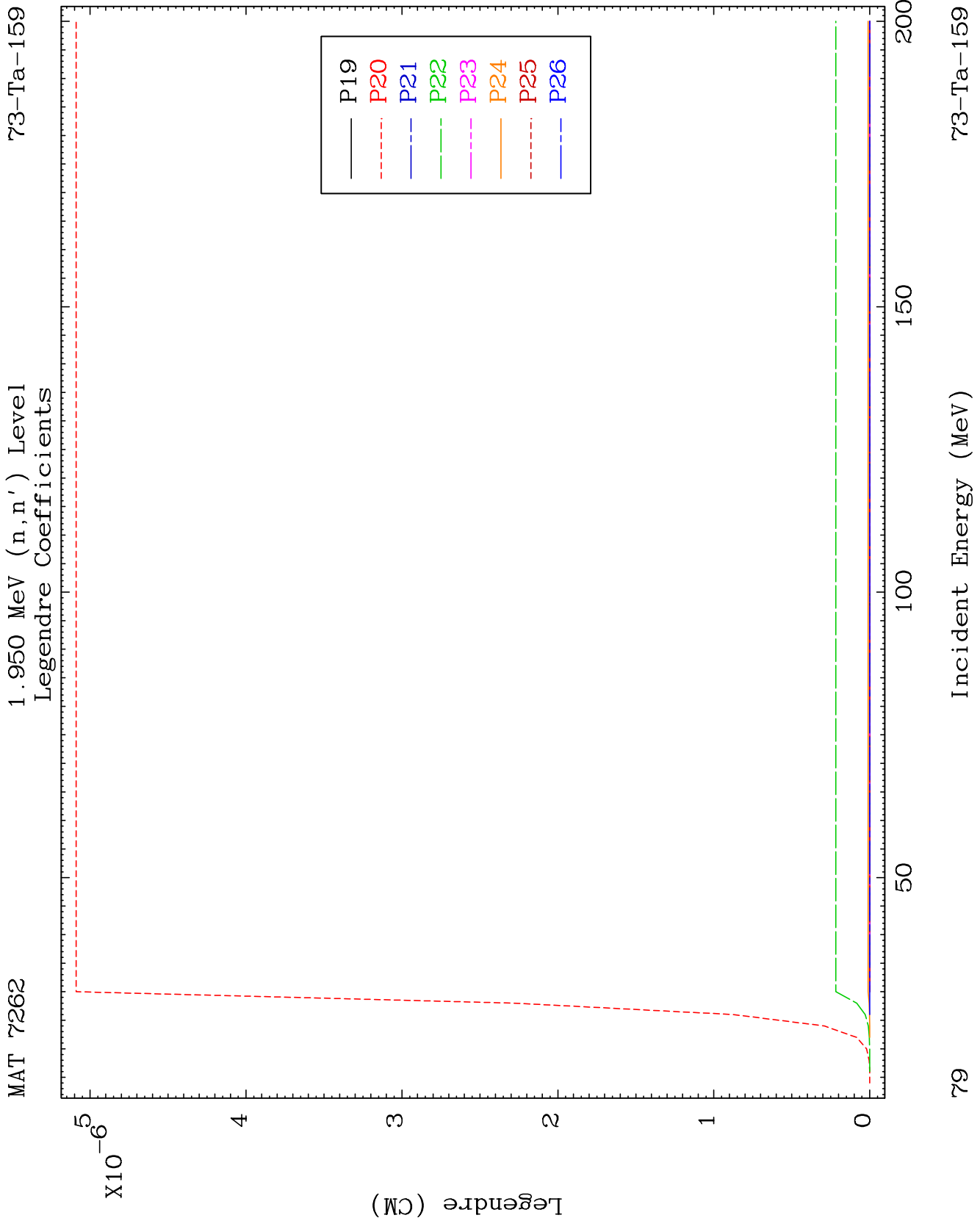
1.950 MeV (n,n') Level
Legendre Coefficients

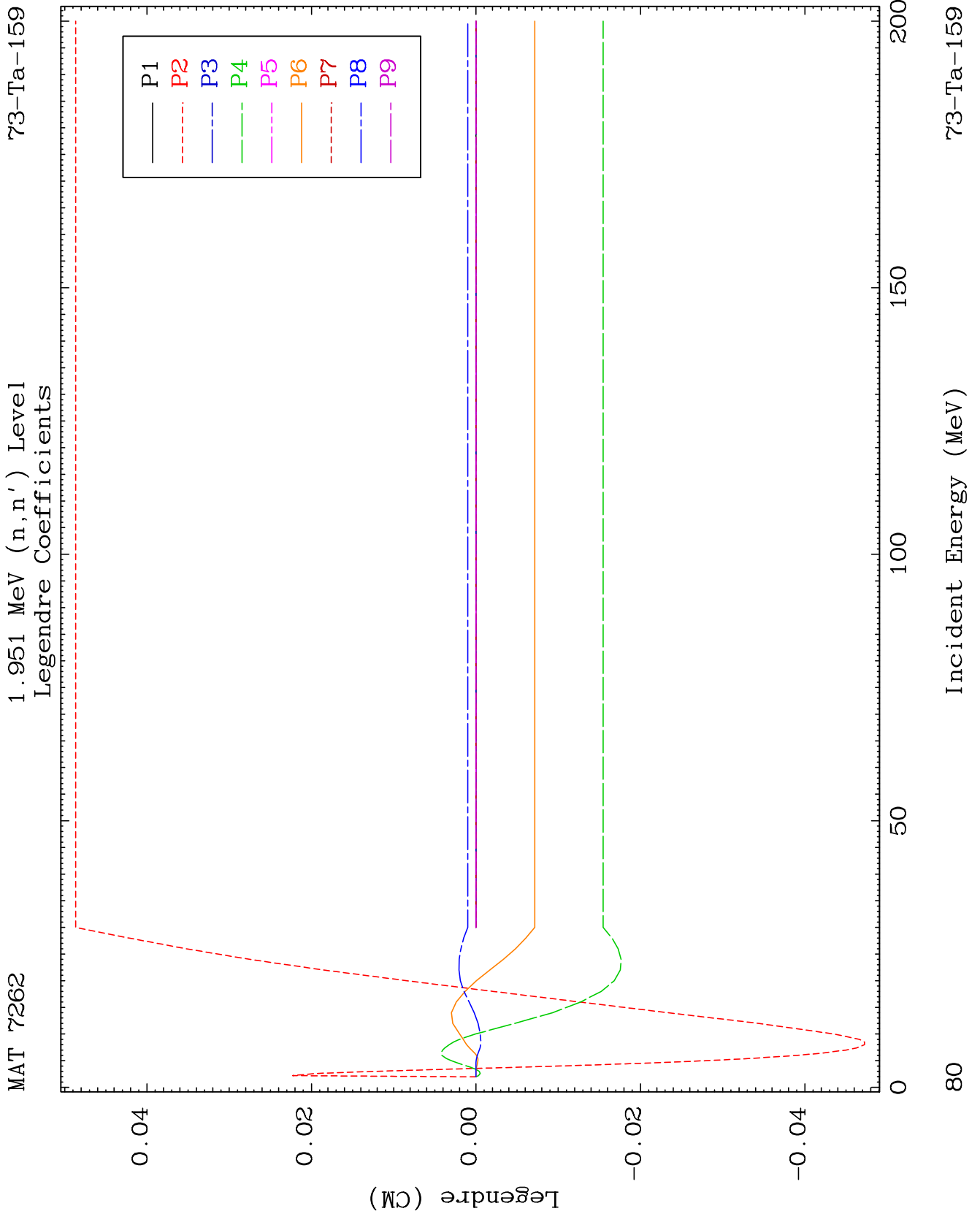
73-Ta-159



78

73-Ta-159

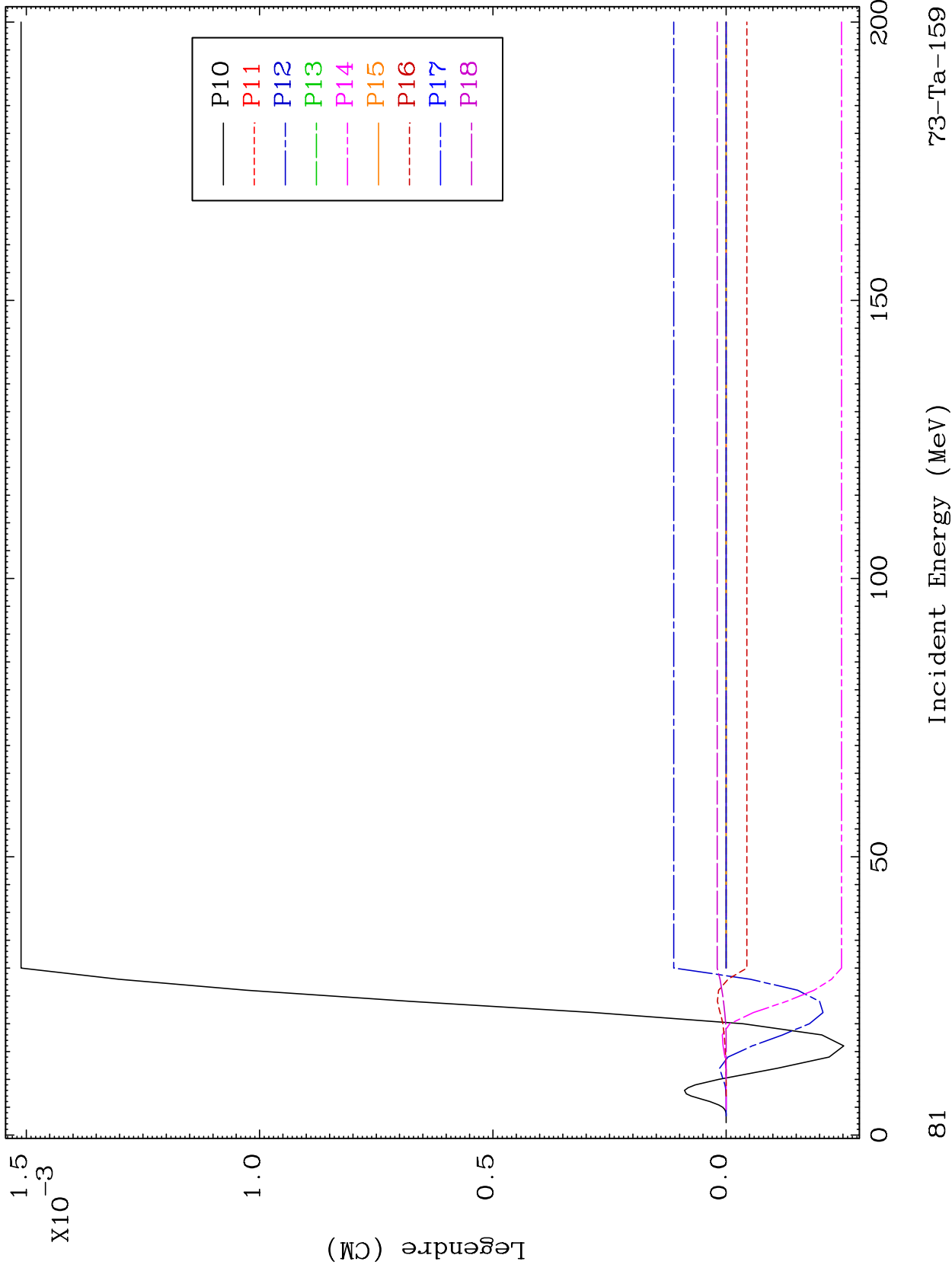




MAT 7262

1.951 MeV (n,n') Level
Legendre Coefficients

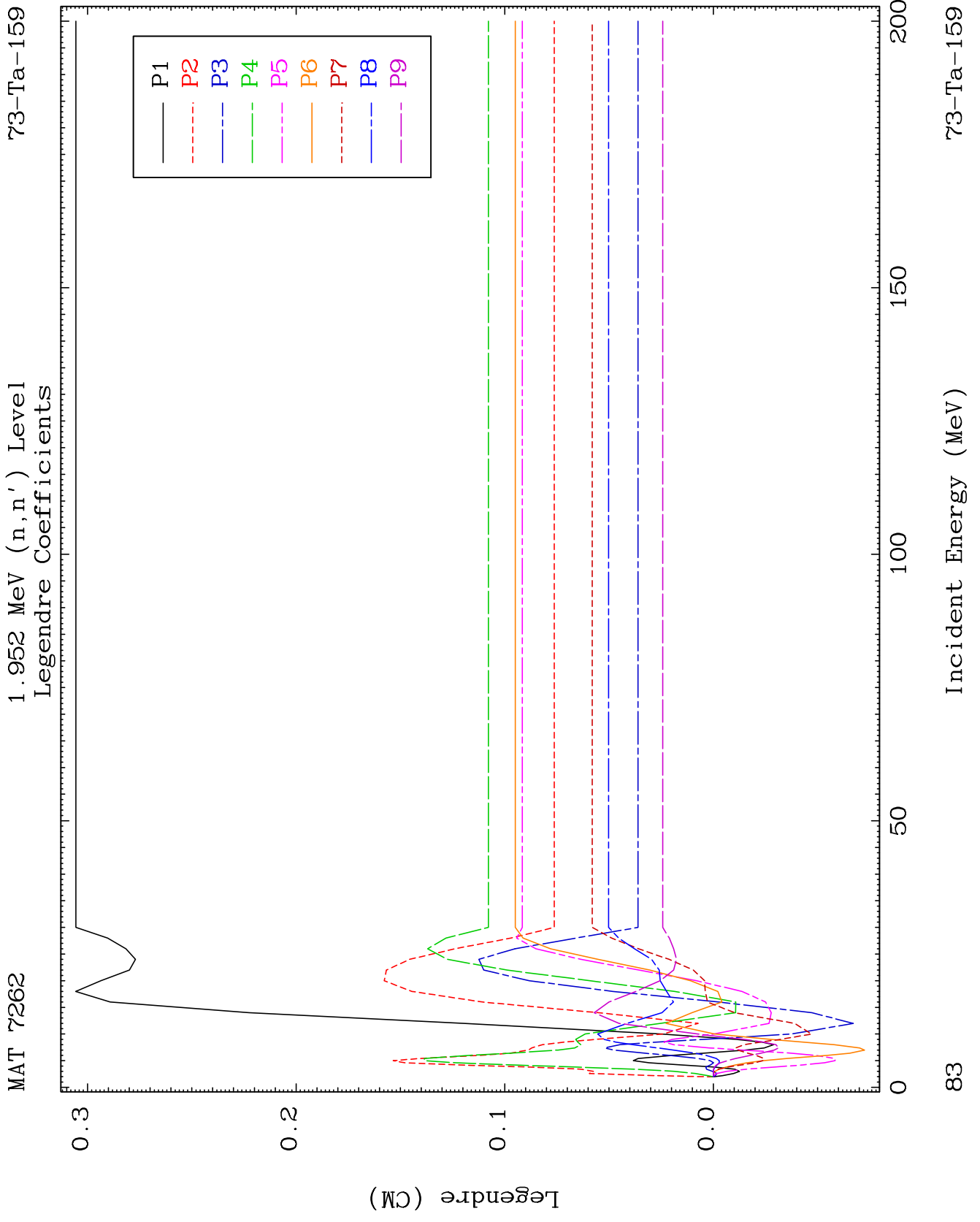
73-Ta-159



81

Incident Energy (MeV)

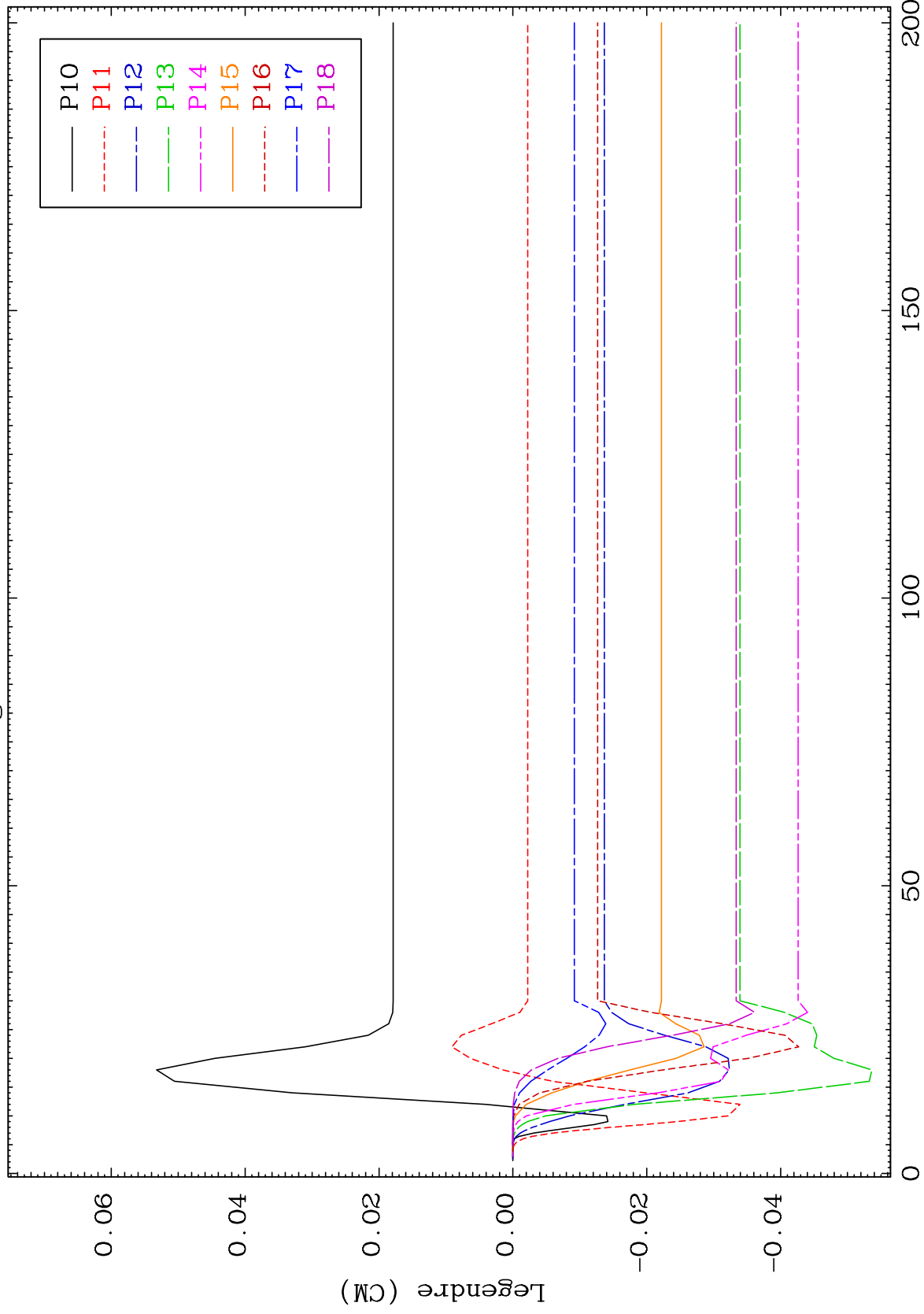
73-Ta-159



MAT 7262

1.952 MeV (n,n') Level
Legendre Coefficients

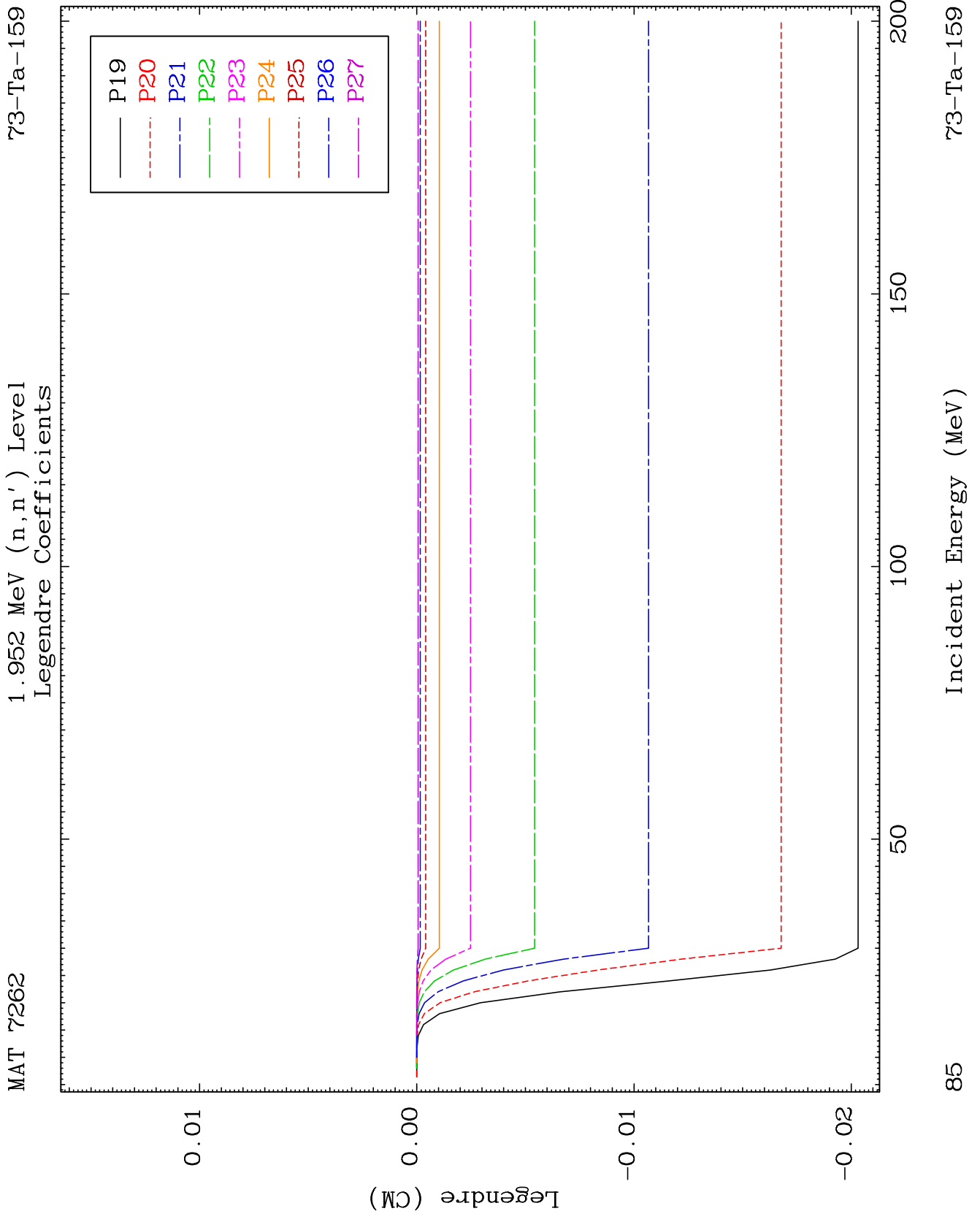
73-Ta-159

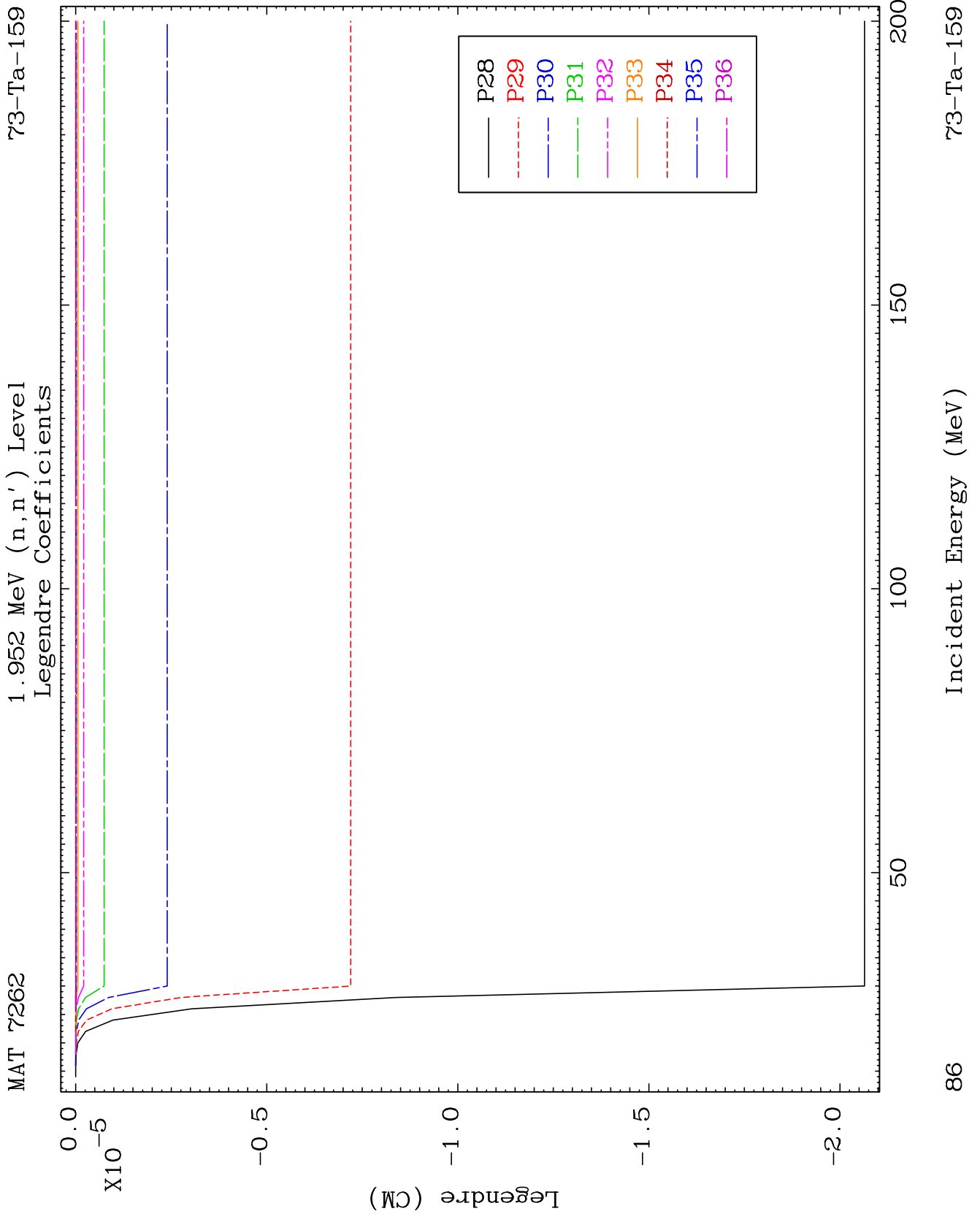


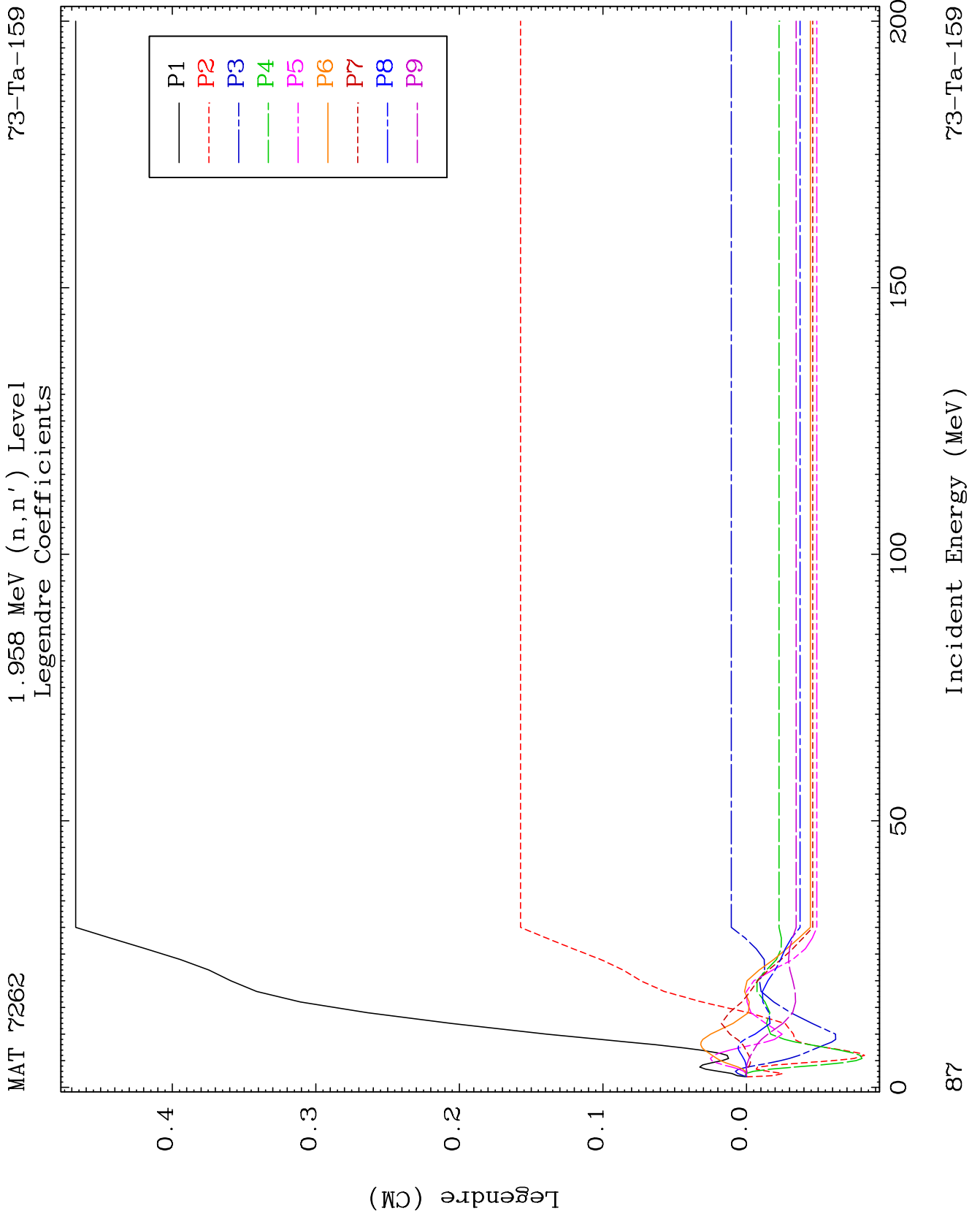
84

Incident Energy (MeV)

73-Ta-159



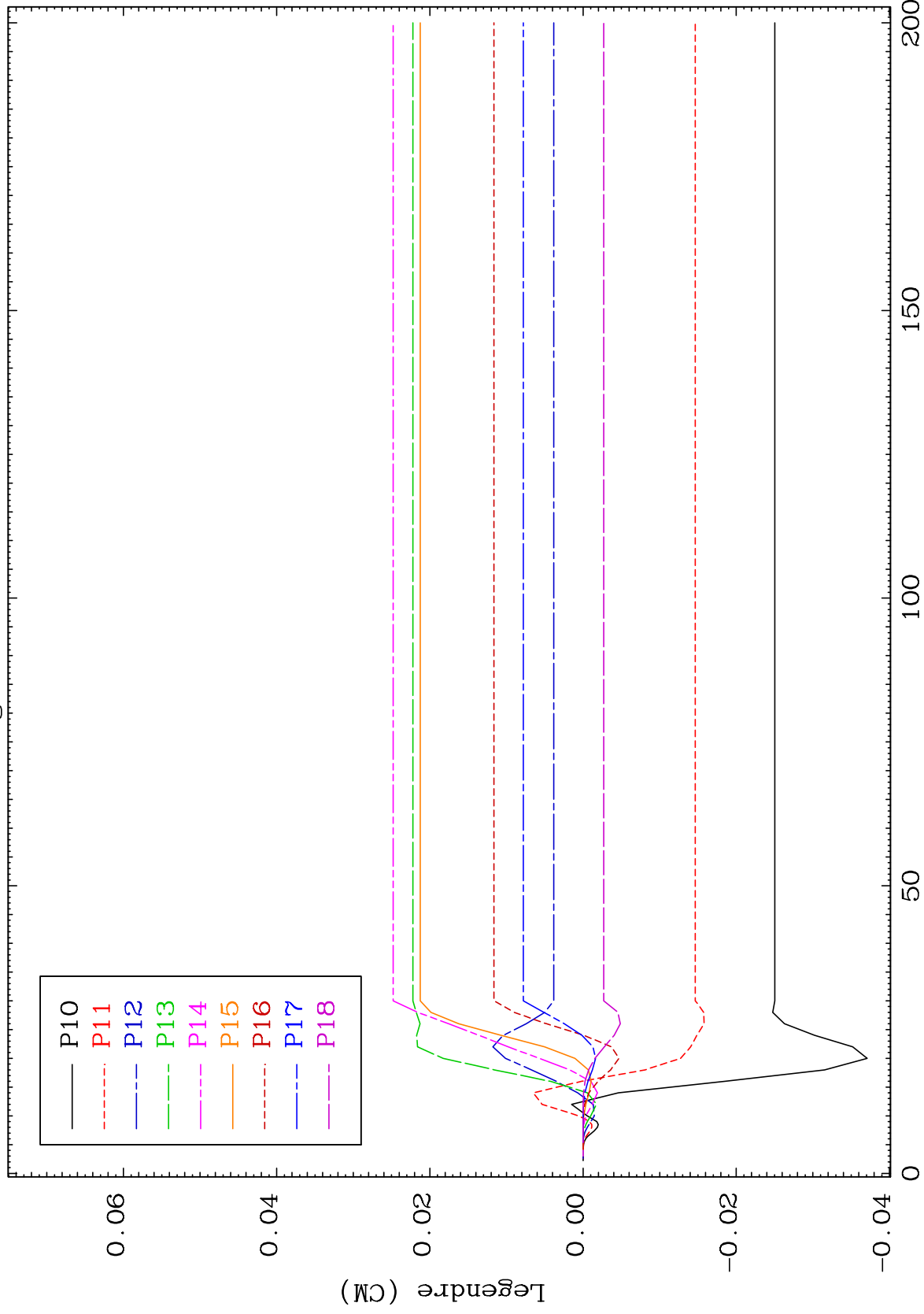




MAT 7262

1.958 MeV (n,n') Level
Legendre Coefficients

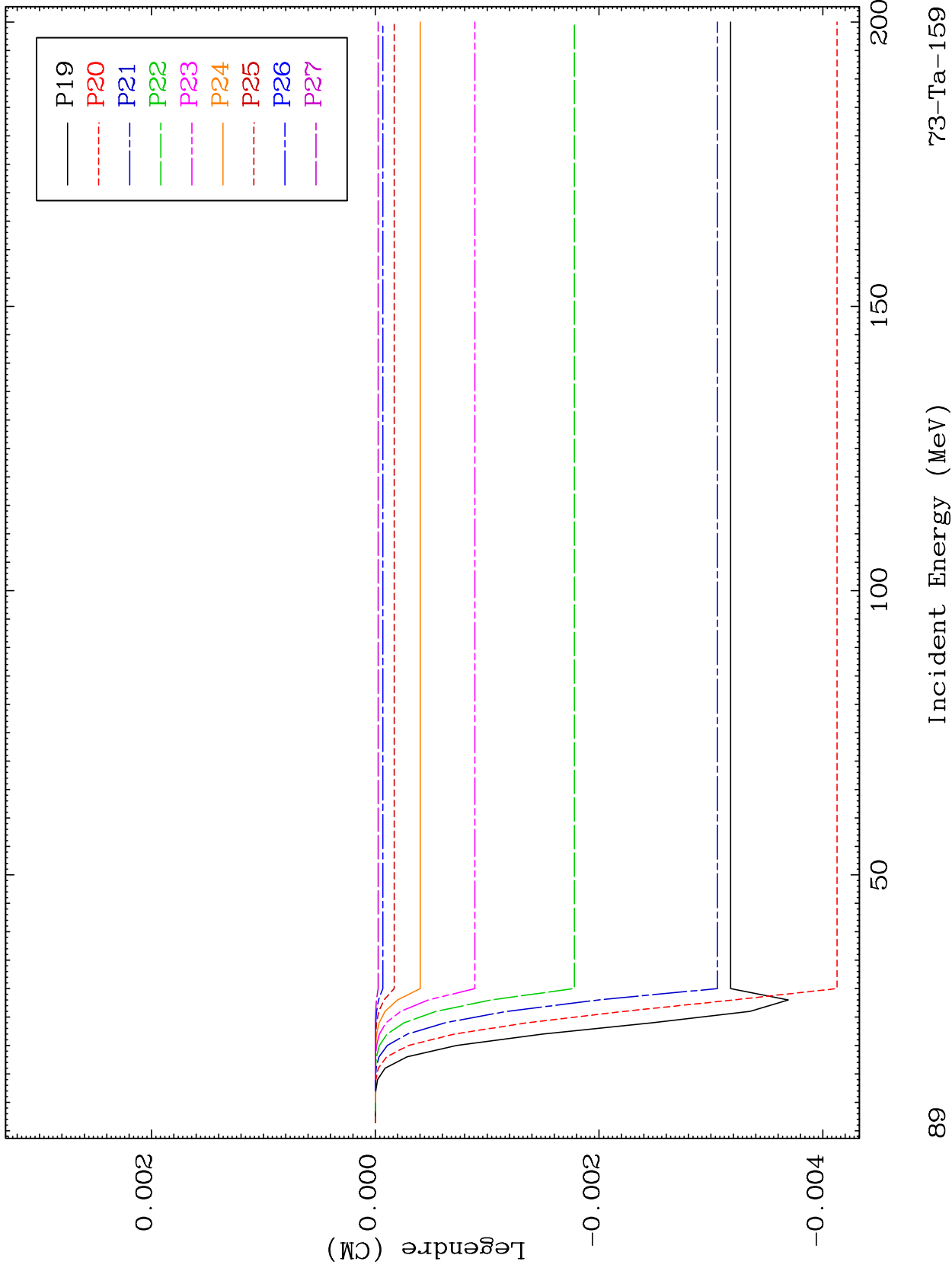
73-Ta-159

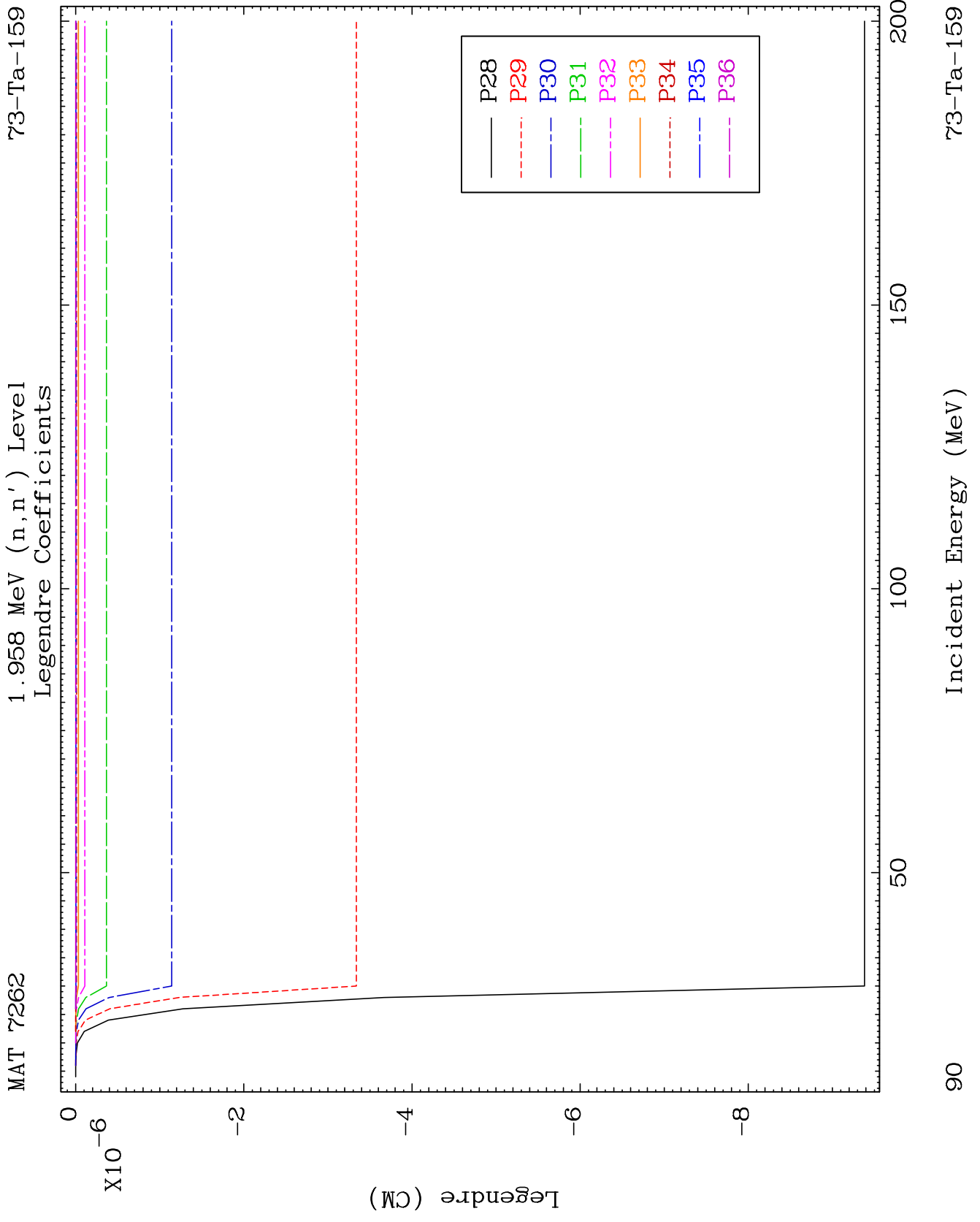


88

Incident Energy (MeV)

73-Ta-159

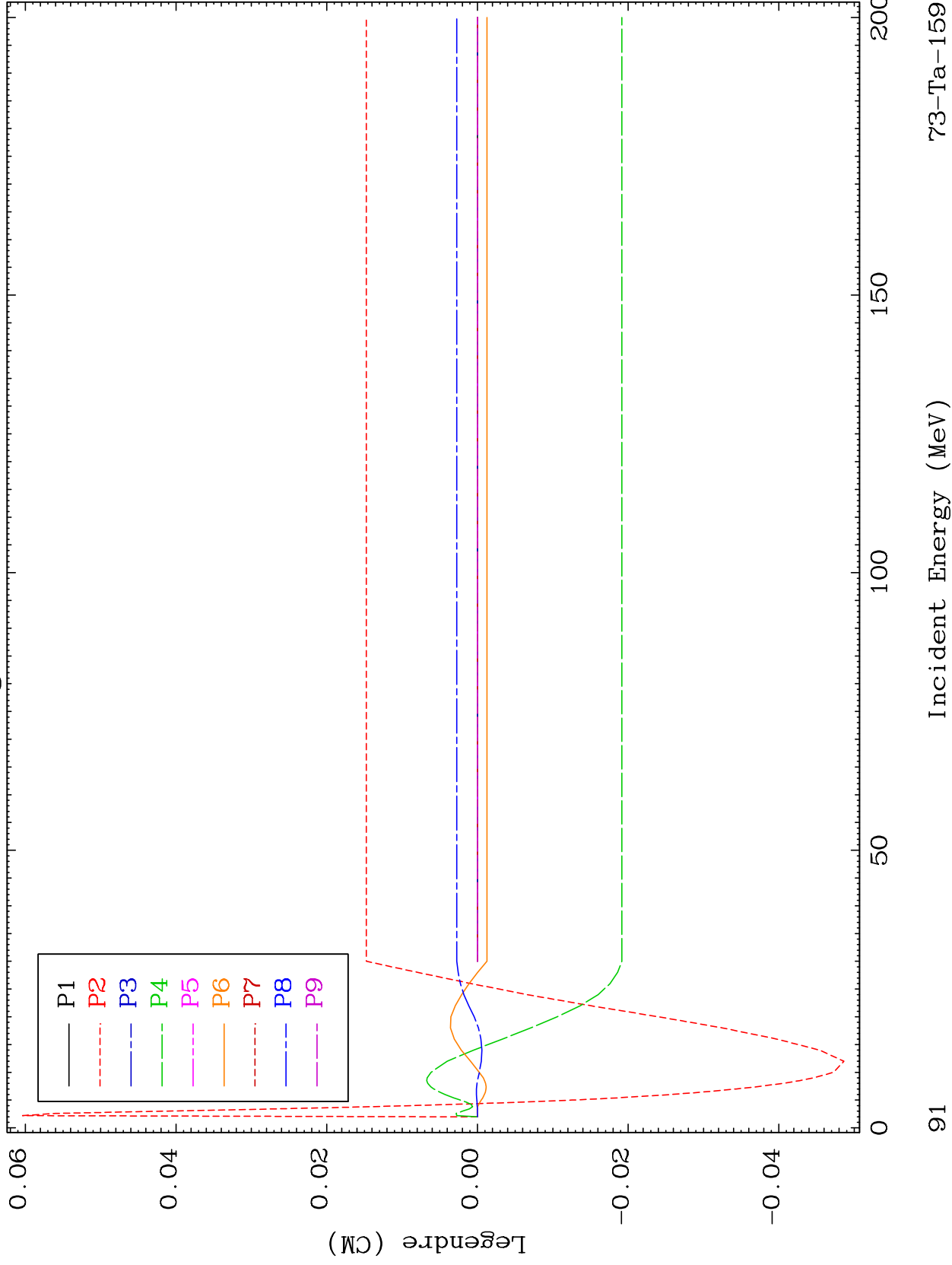




MAT 7262

1.959 MeV (n,n') Level
Legendre Coefficients

73-Ta-159



91

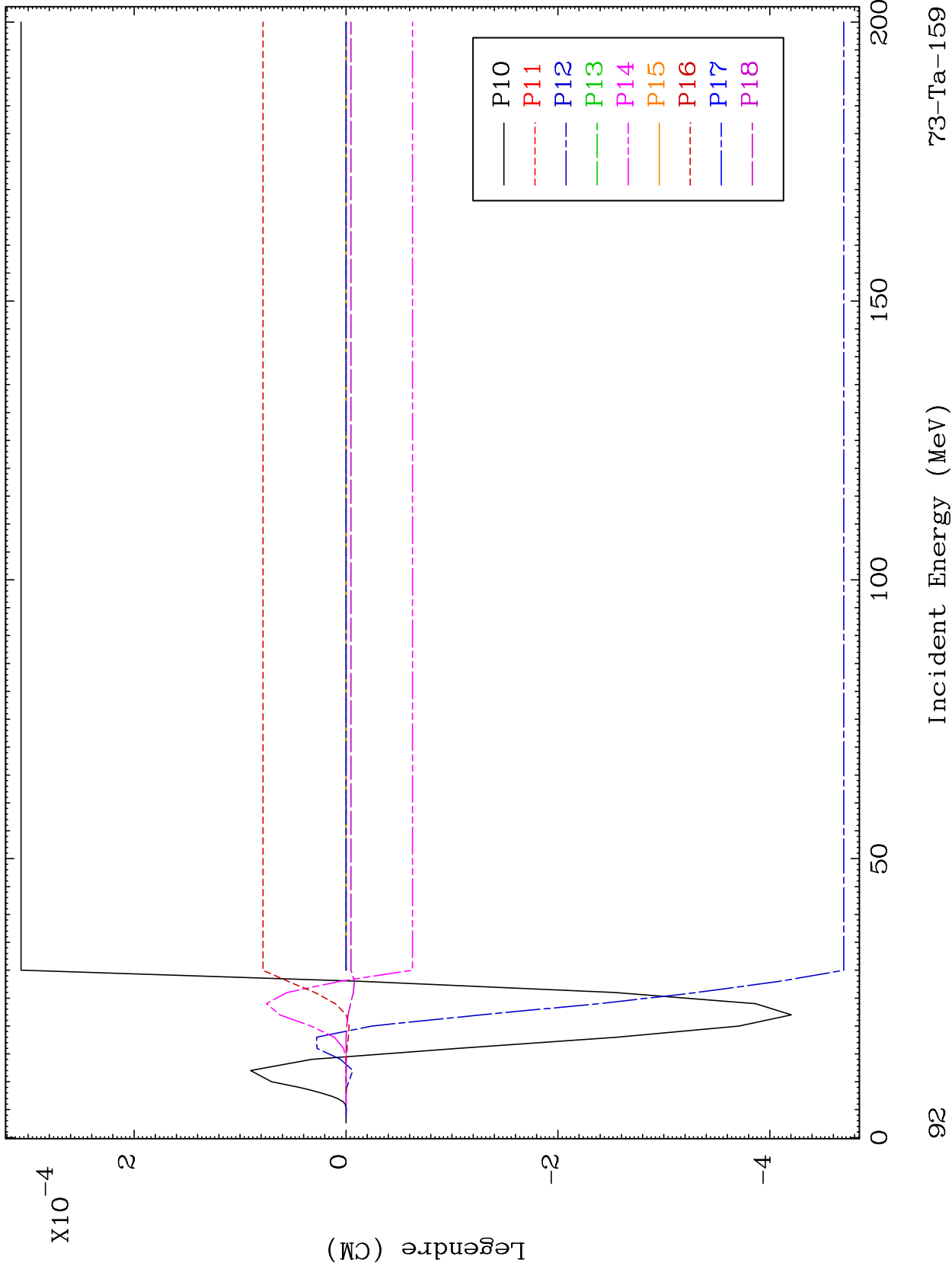
Incident Energy (MeV)

73-Ta-159

MAT 7262

1.959 MeV (n,n') Level
Legendre Coefficients

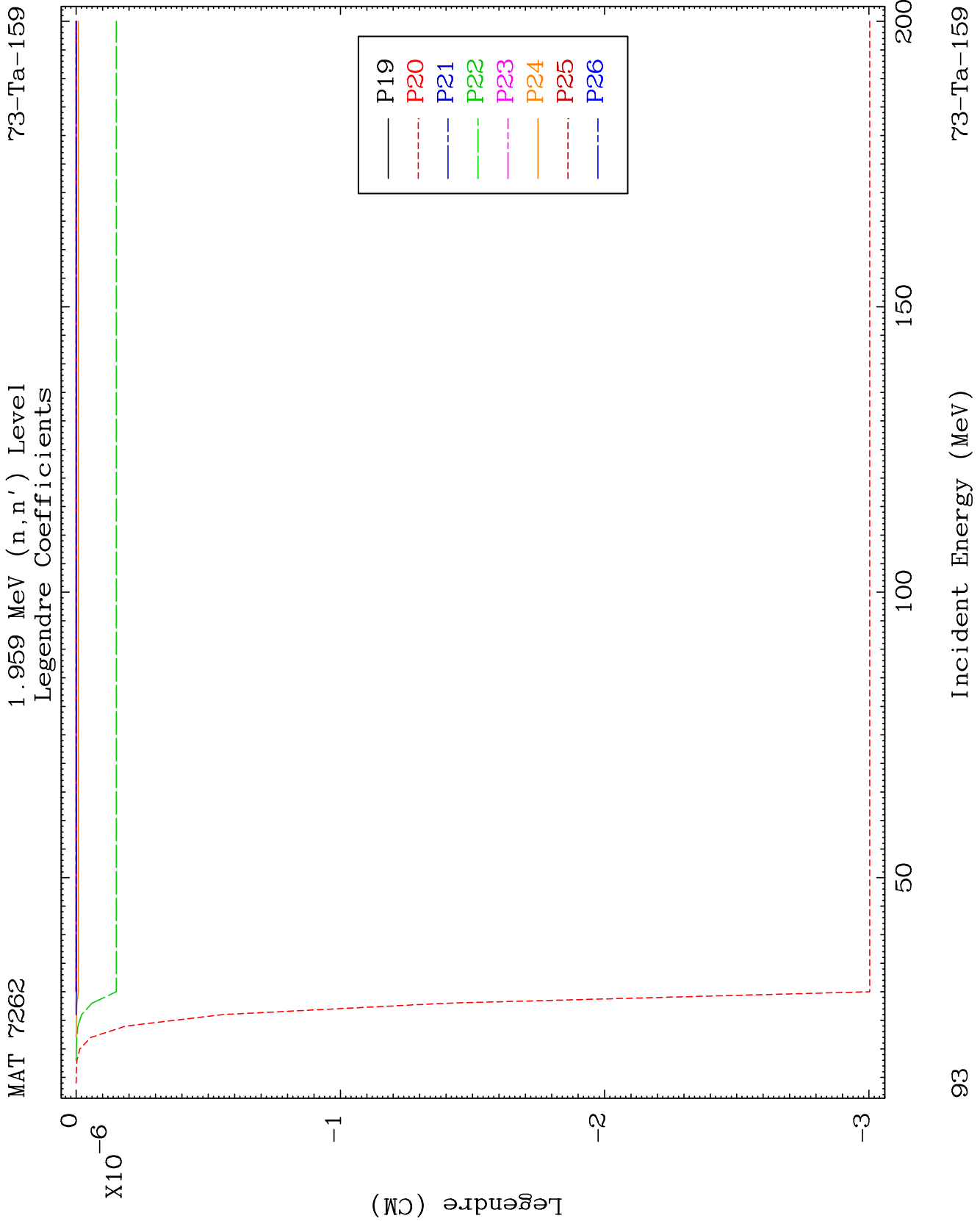
73-Ta-159

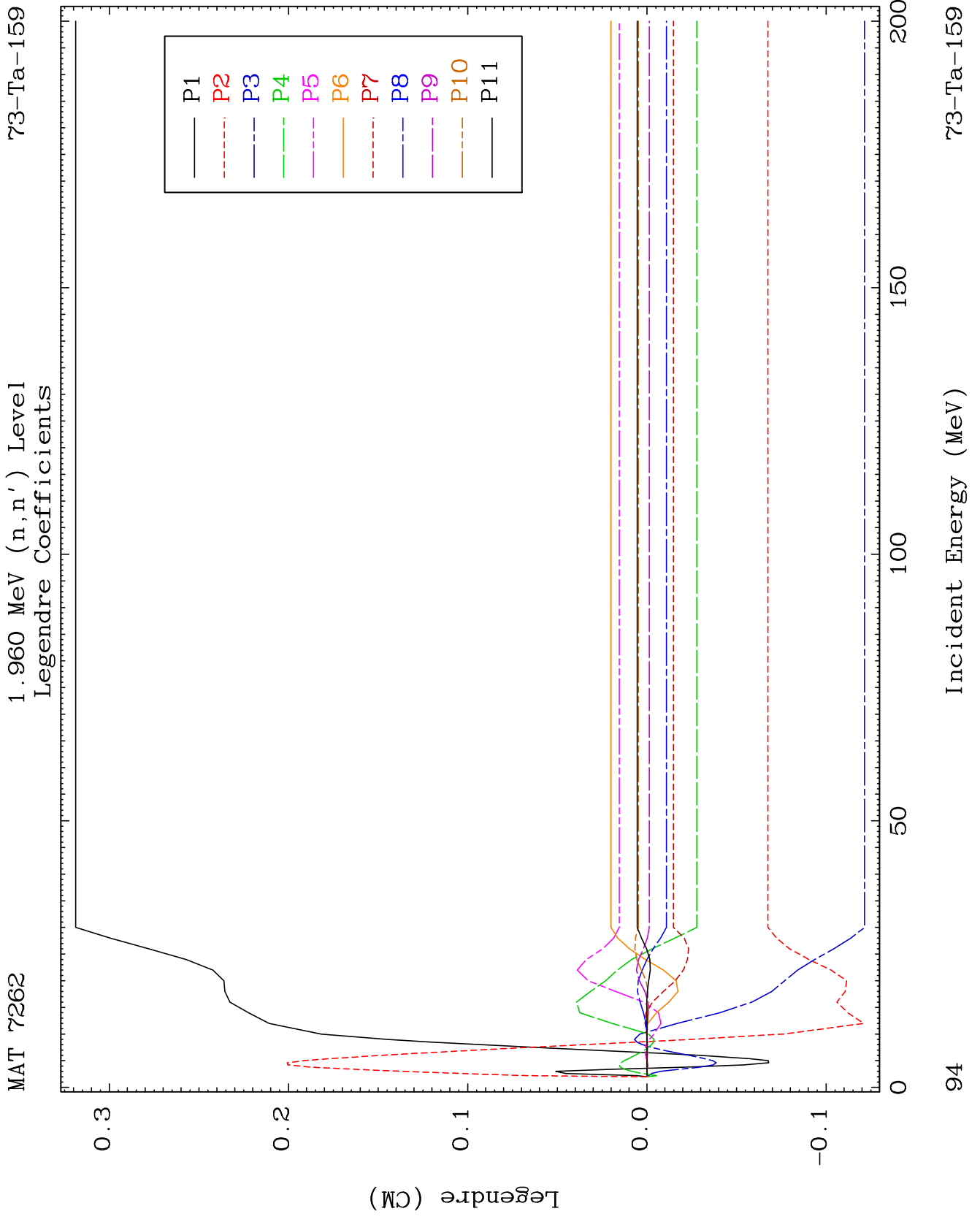


73-Ta-159

Incident Energy (MeV)

92

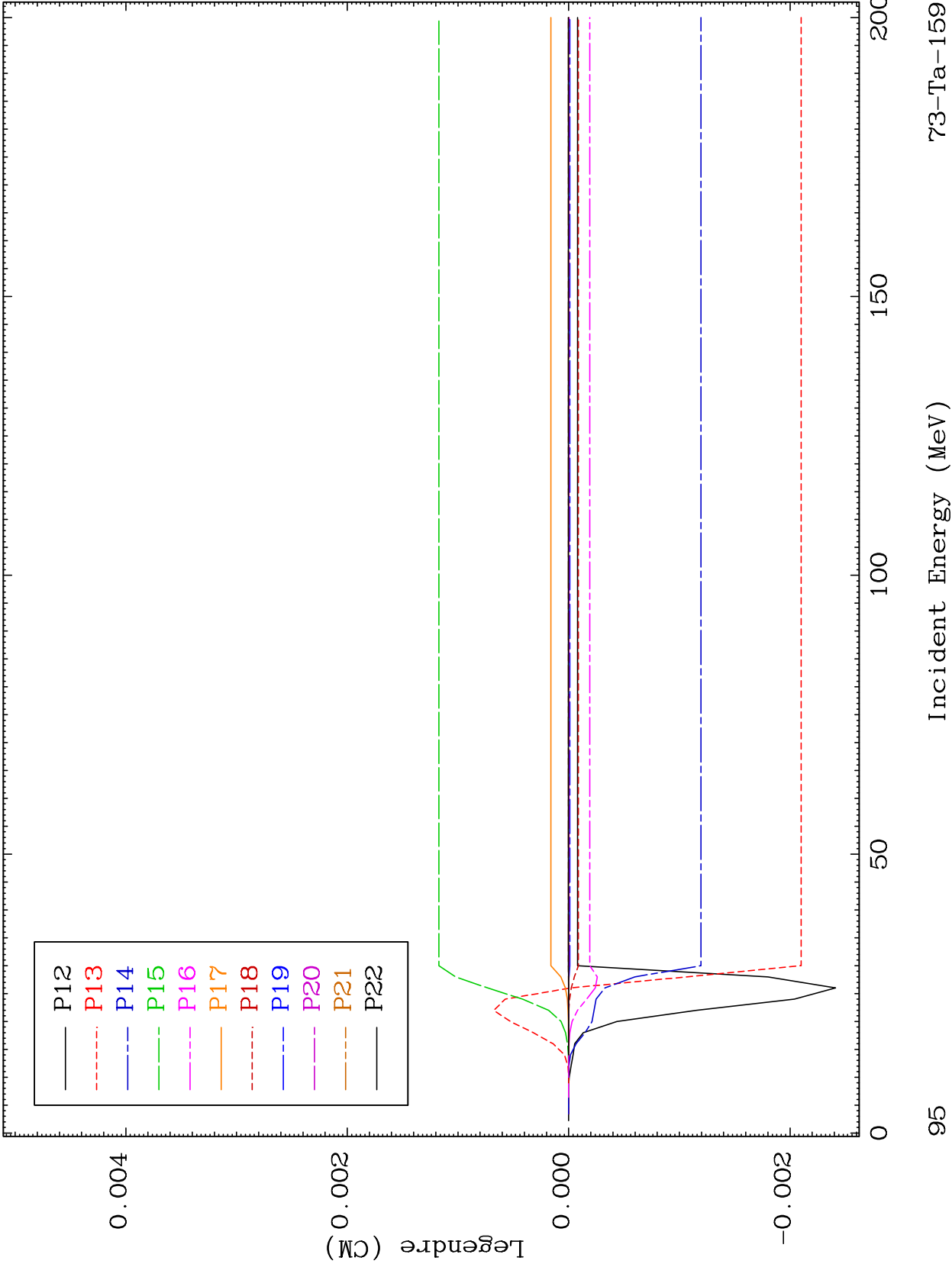




MAT 7262

1.960 MeV (n,n') Level
Legendre Coefficients

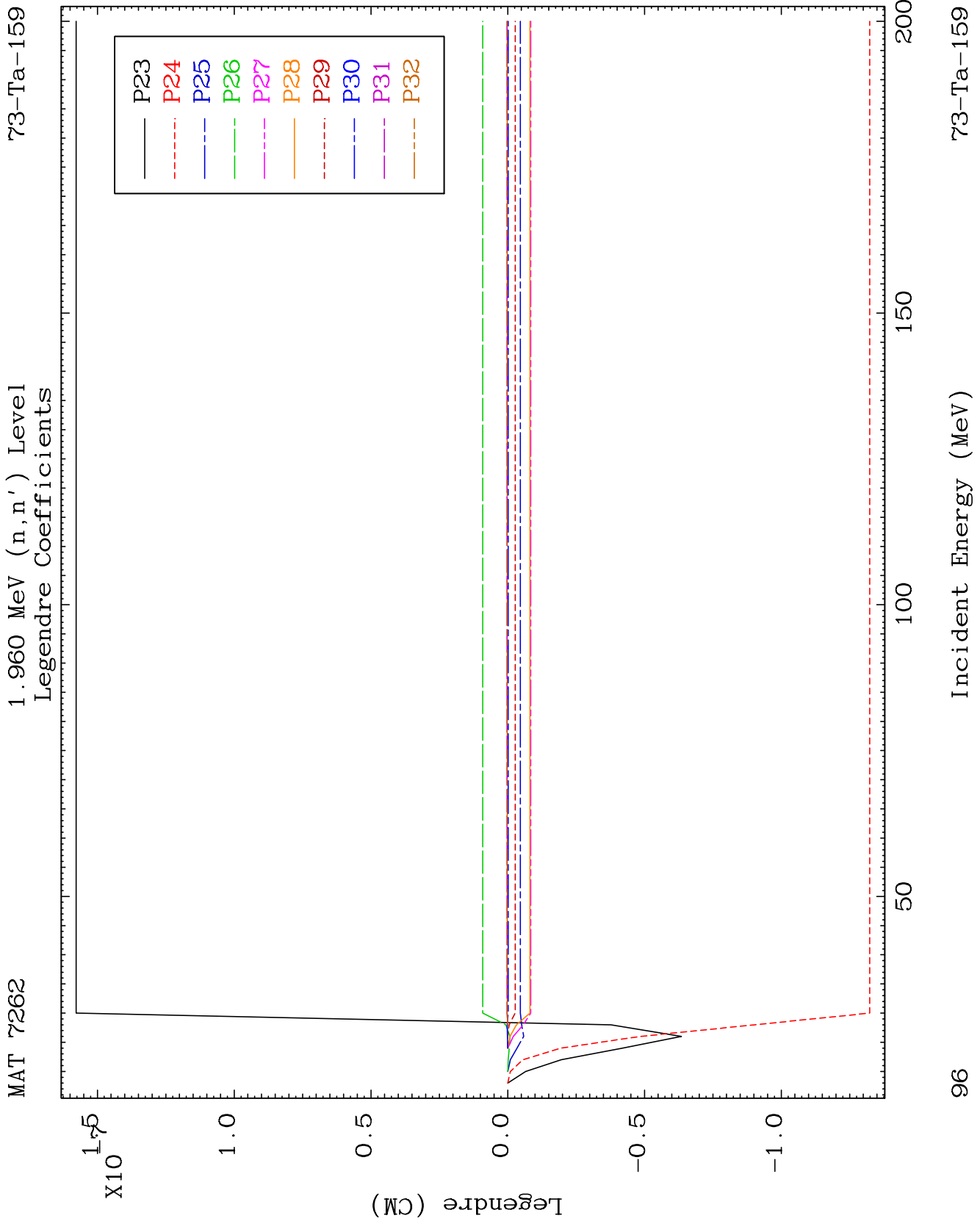
73-Ta-159



73-Ta-159

Incident Energy (MeV)

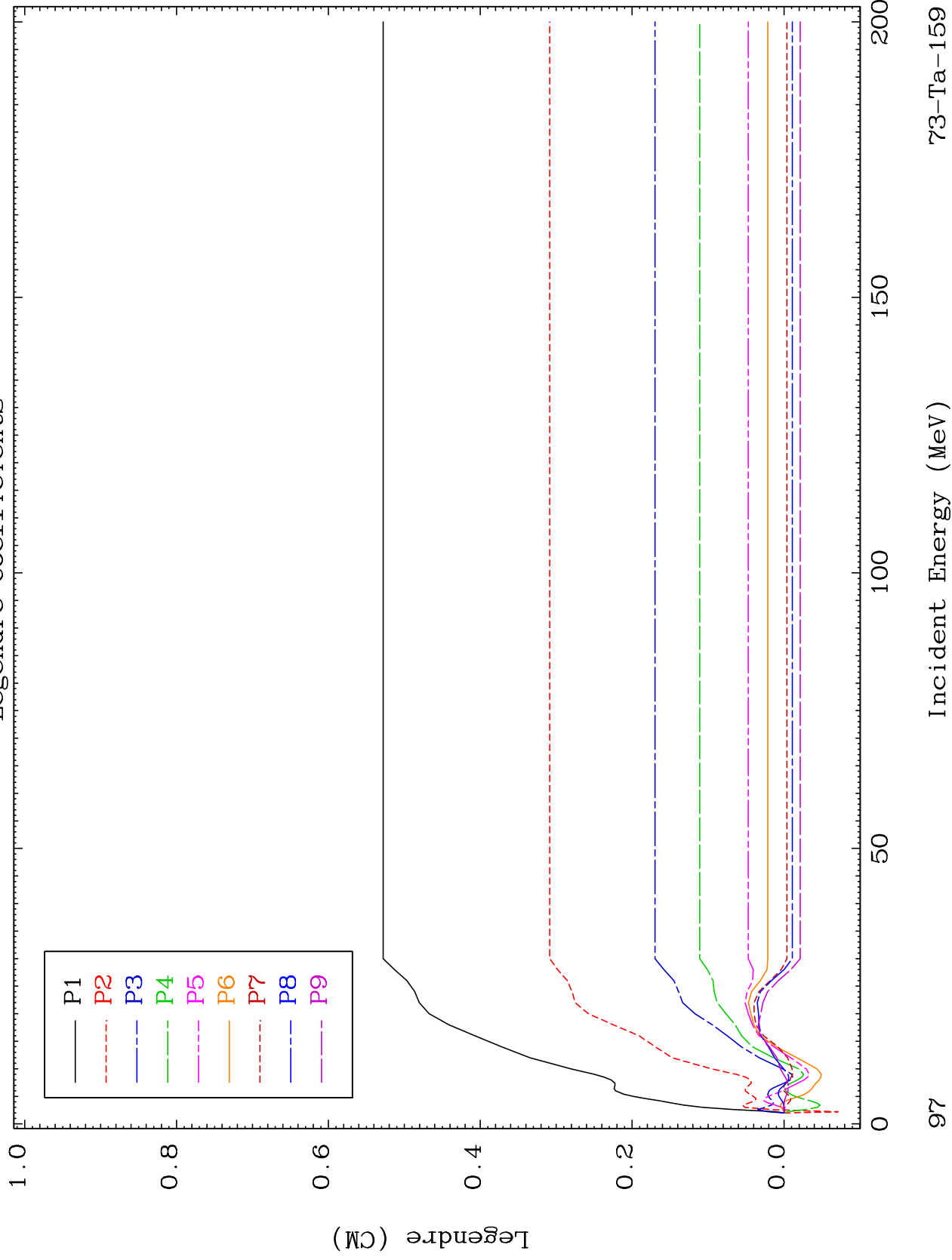
95



MAT 7262

1.964 MeV (n,n') Level
Legendre Coefficients

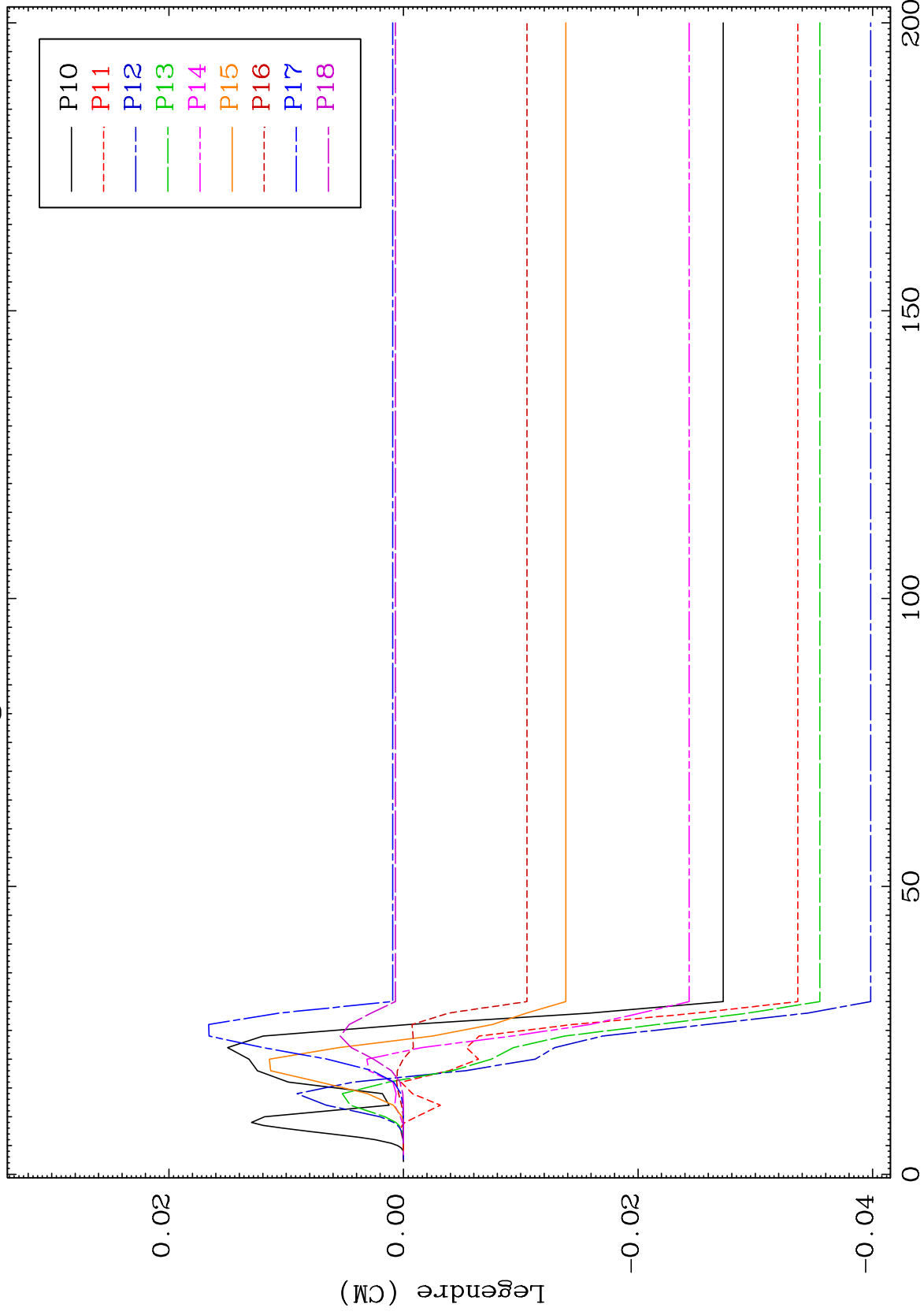
73-Ta-159



MAT 7262

1.964 MeV (n,n') Level
Legendre Coefficients

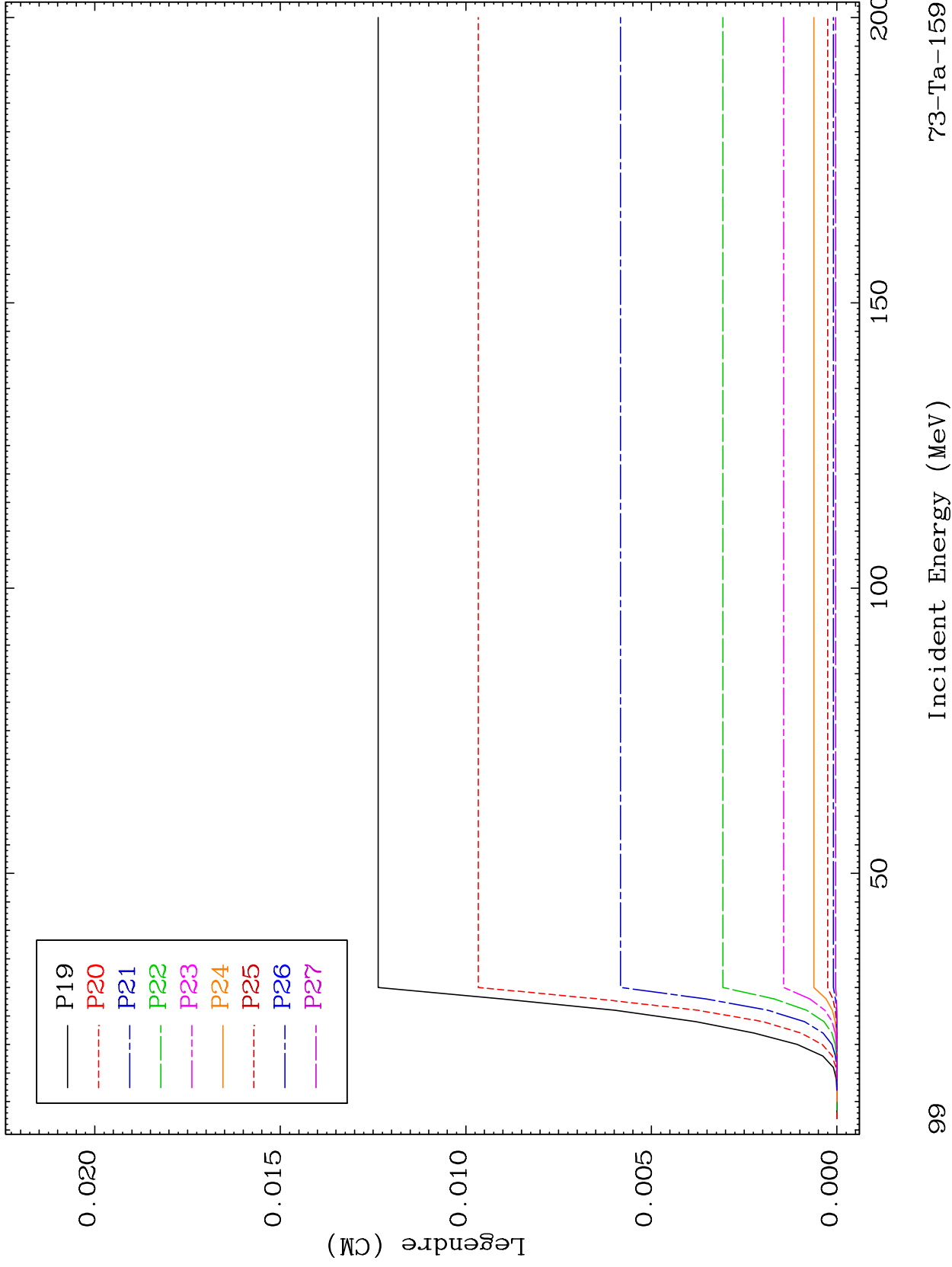
73-Ta-159

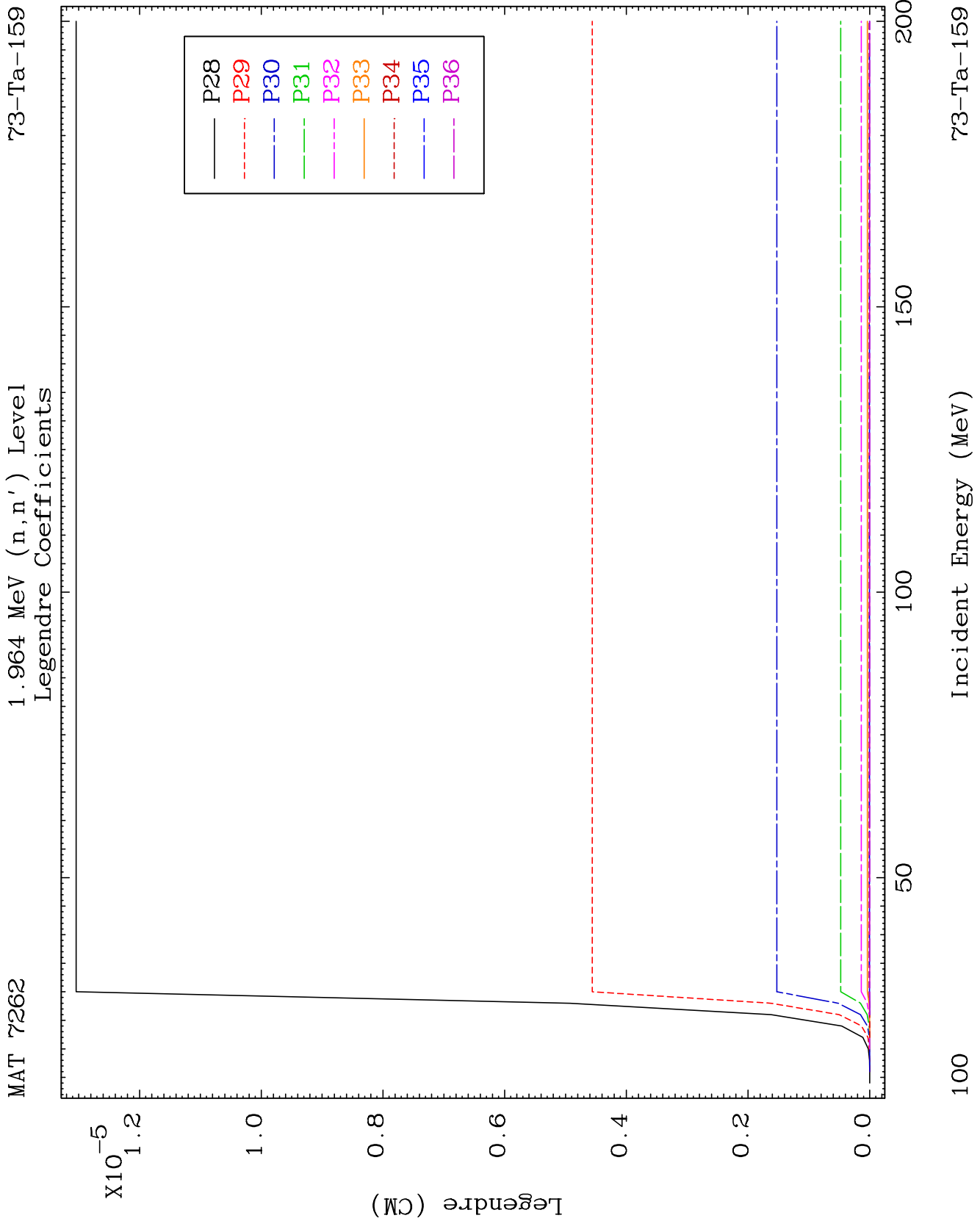


98

Incident Energy (MeV)

73-Ta-159

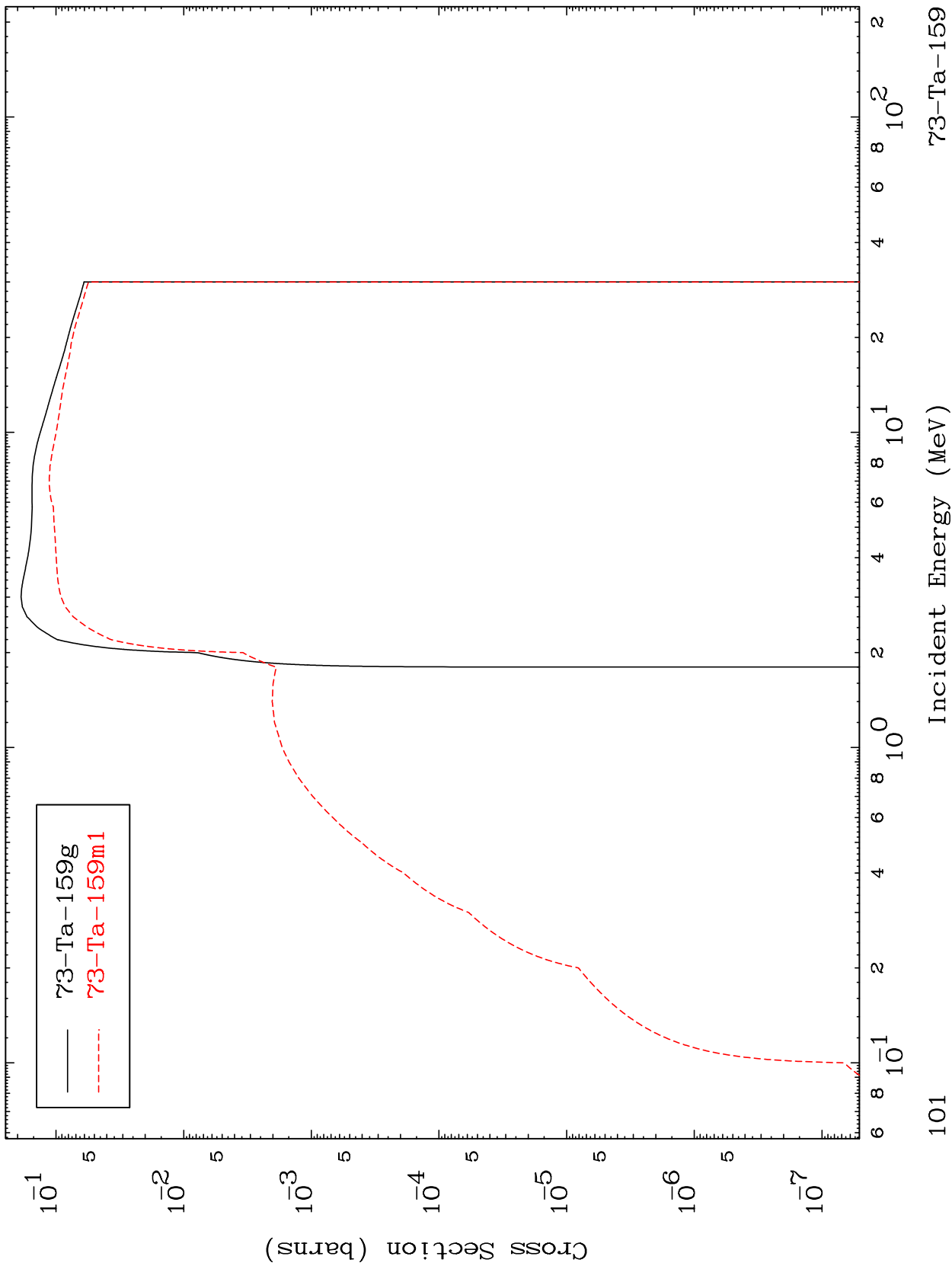




MAT 7262

⁷³Ta-159

Inelastic
Radionuclide Production Cross Section



101

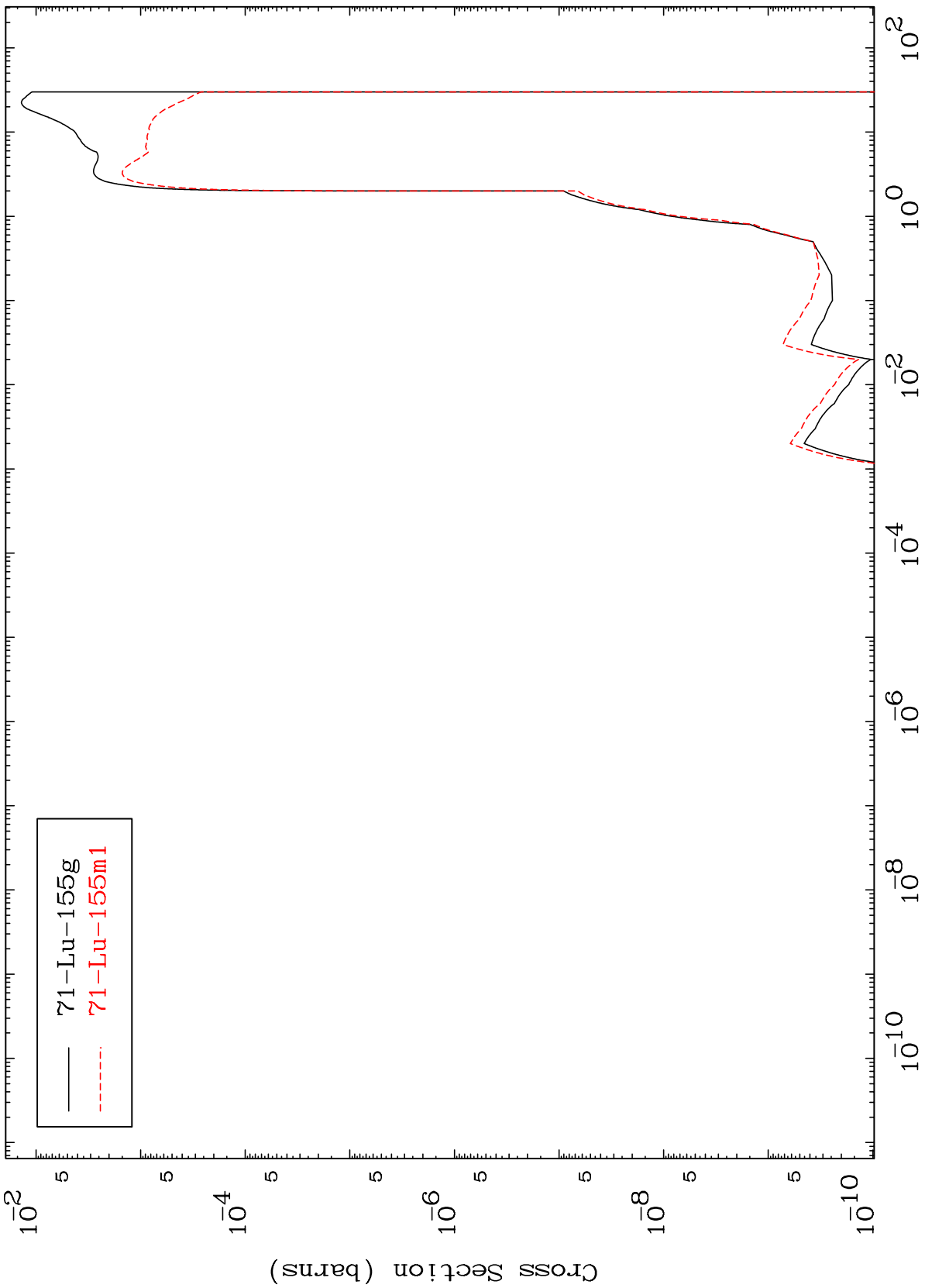
⁷³Ta-159

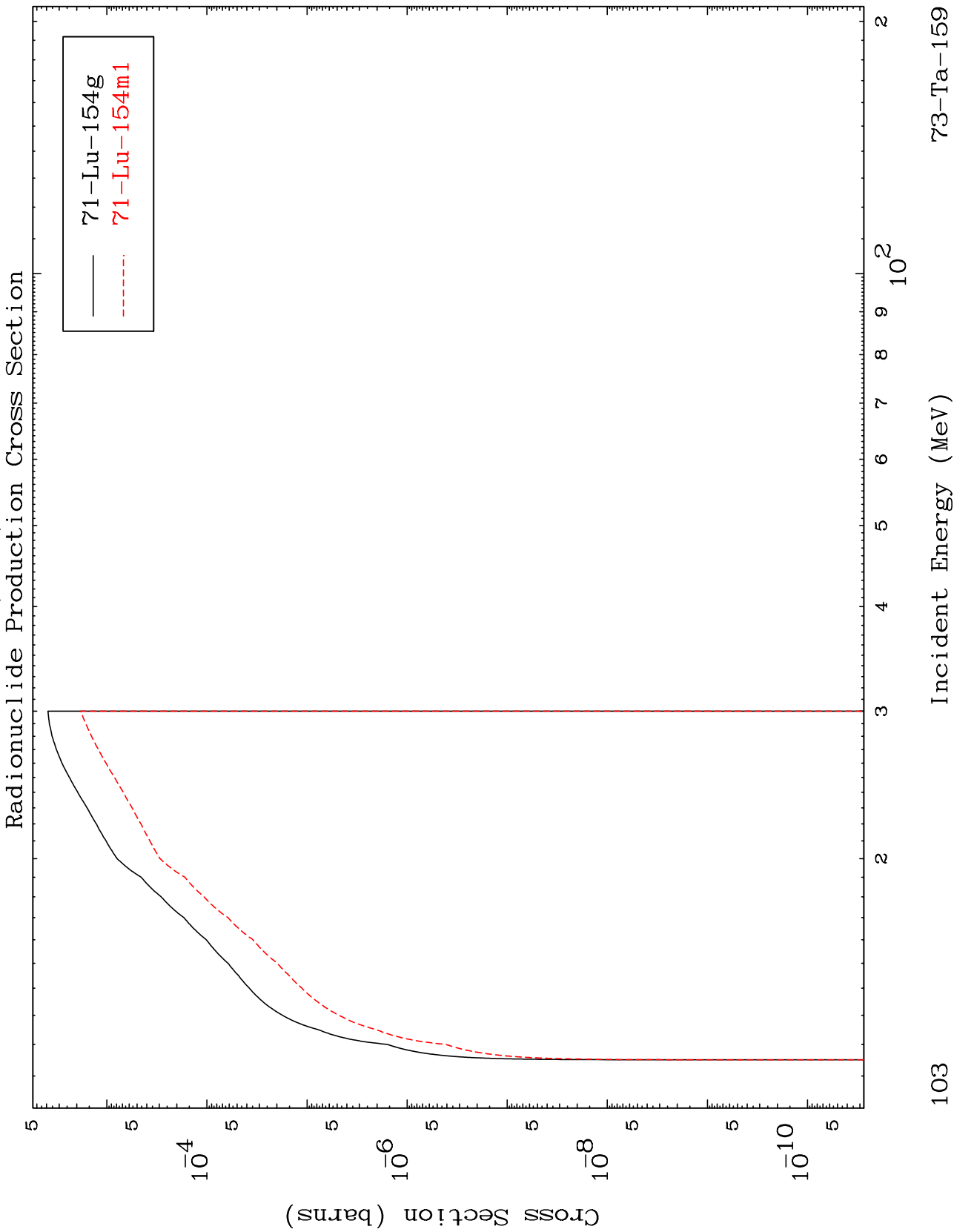
MAT 7262

$(n, n') \alpha$

$^{73}\text{Ta-159}$

Radionuclide Production Cross Section



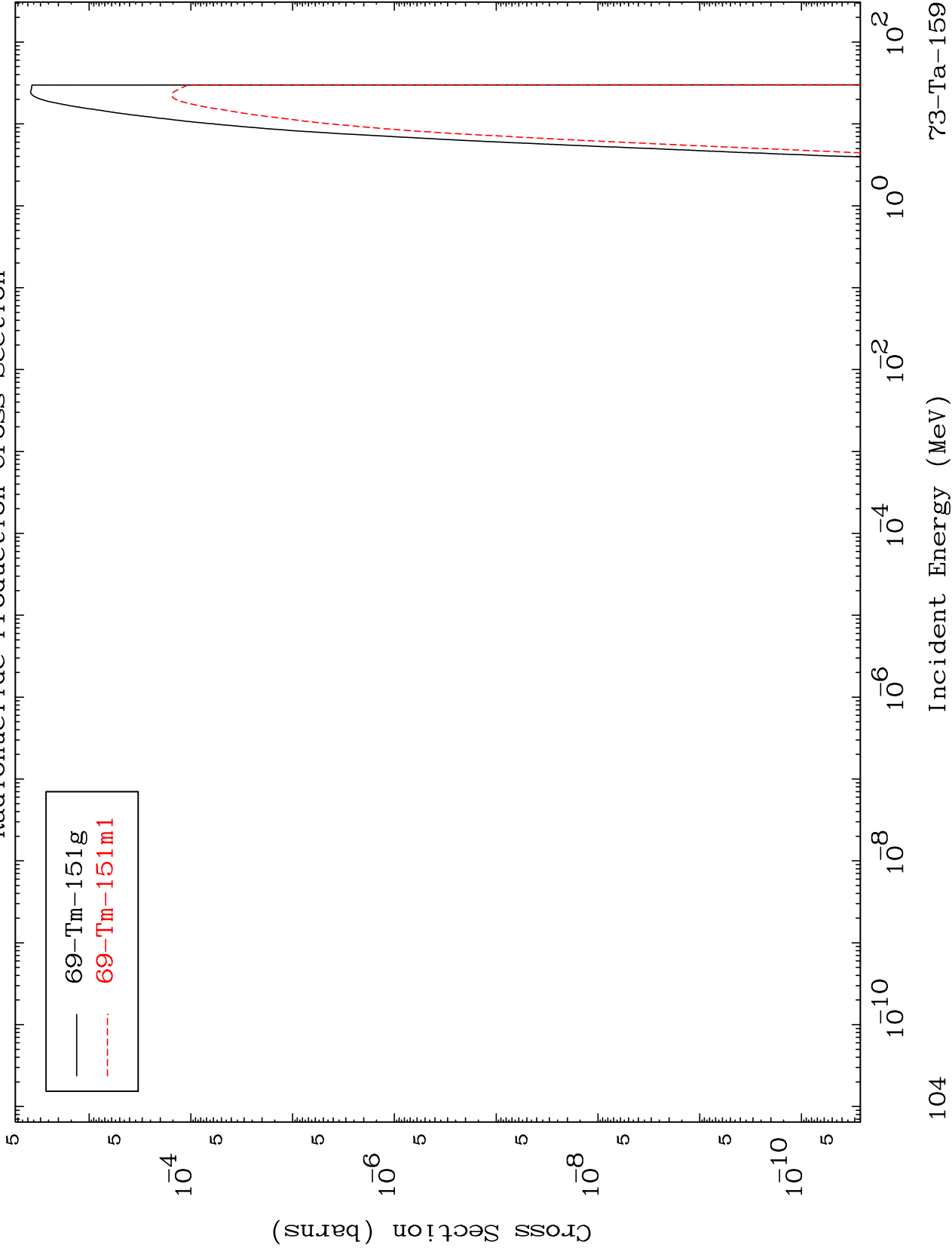


MAT 7262

(n,n') 2 α

73-Ta-159

Radionuclide Production Cross Section



104

Incident Energy (MeV)

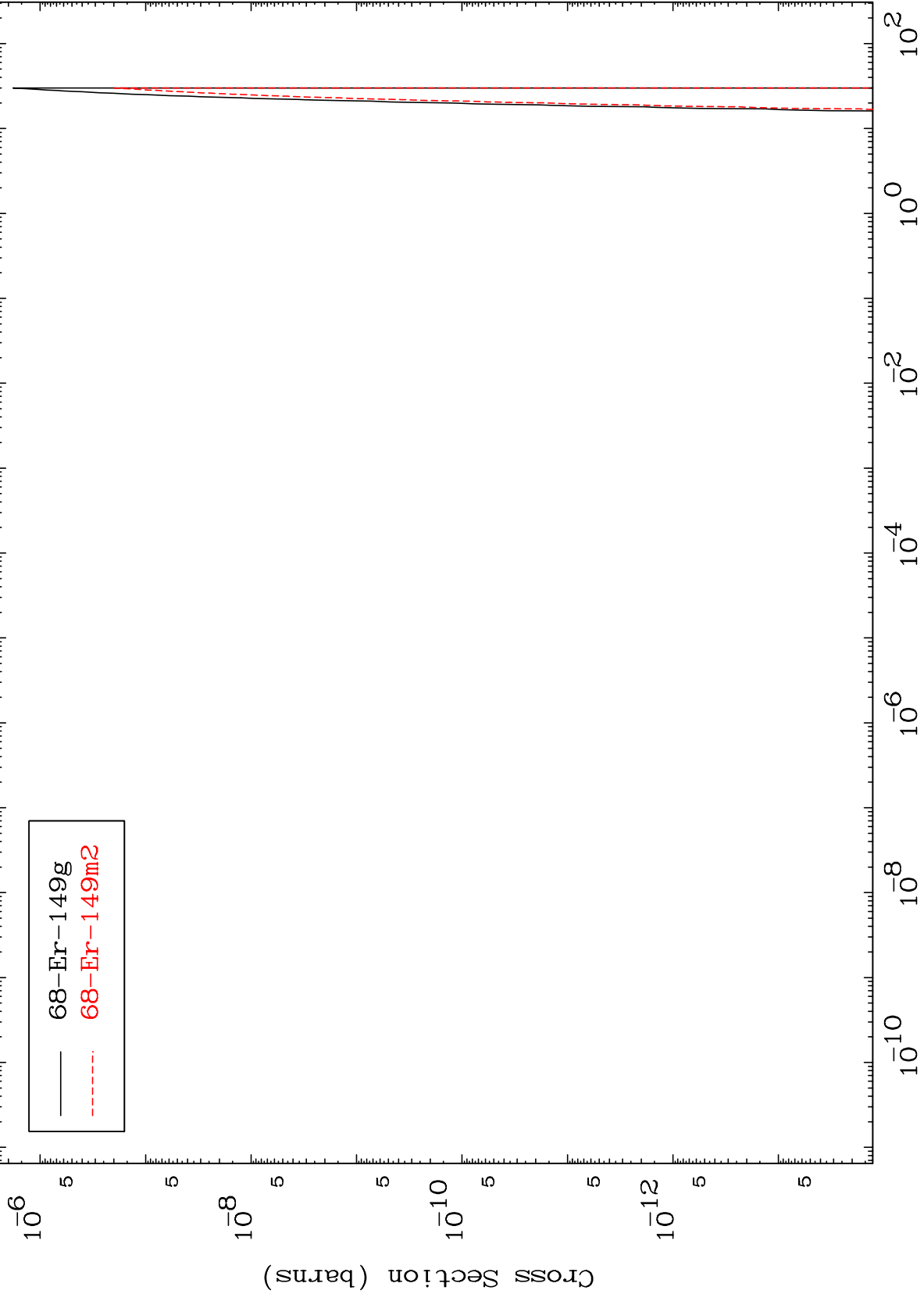
73-Ta-159

MAT 7262

(n,n') d,2α

73-Ta-159

Radionuclide Production Cross Section



68-Er-149g
68-Er-149m2

105

Incident Energy (MeV)

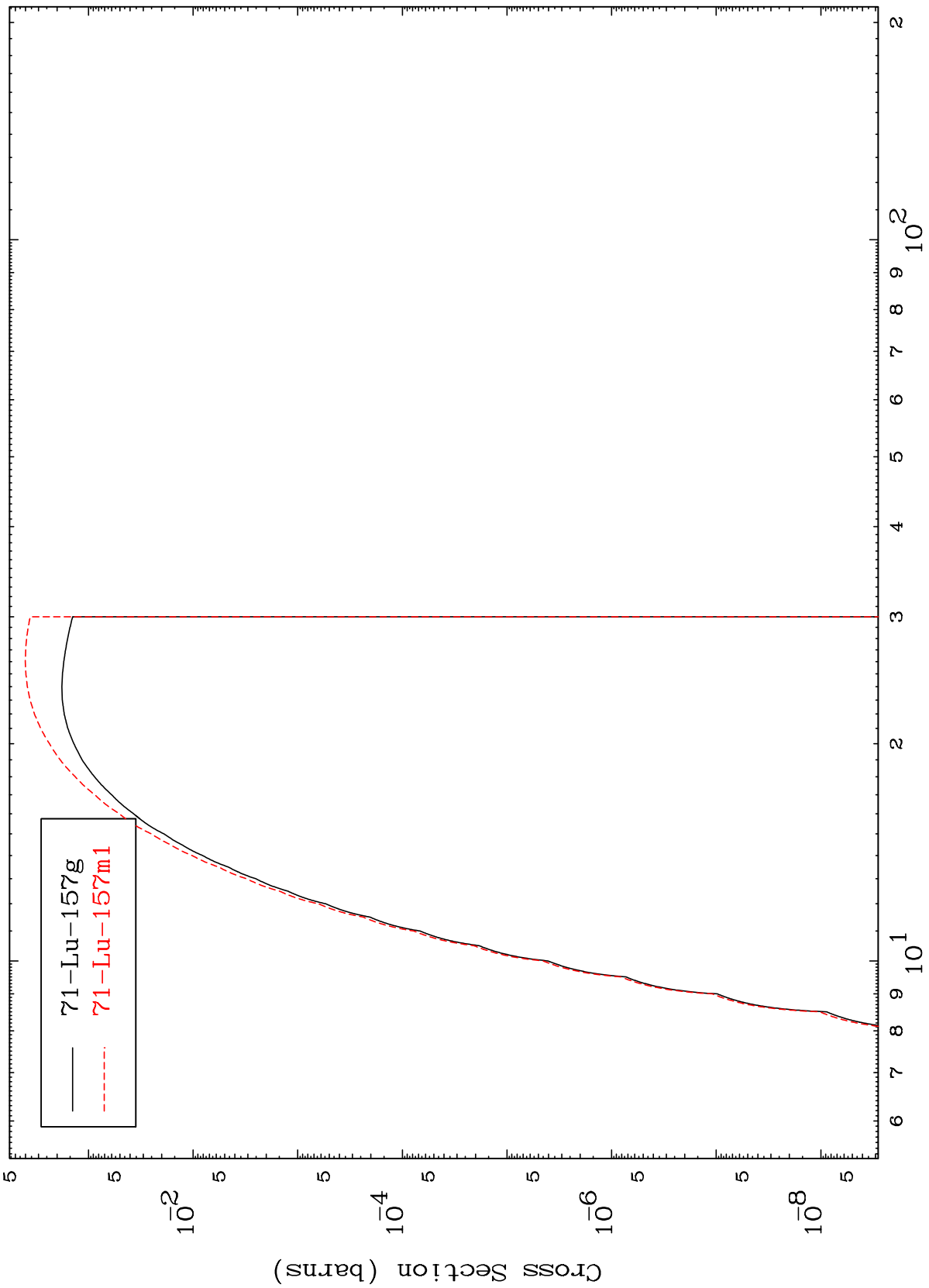
73-Ta-159

MAT 7262

(n,2n) p

⁷³Ta-159

Radionuclide Production Cross Section



71-Lu-157g
71-Lu-157m1

106

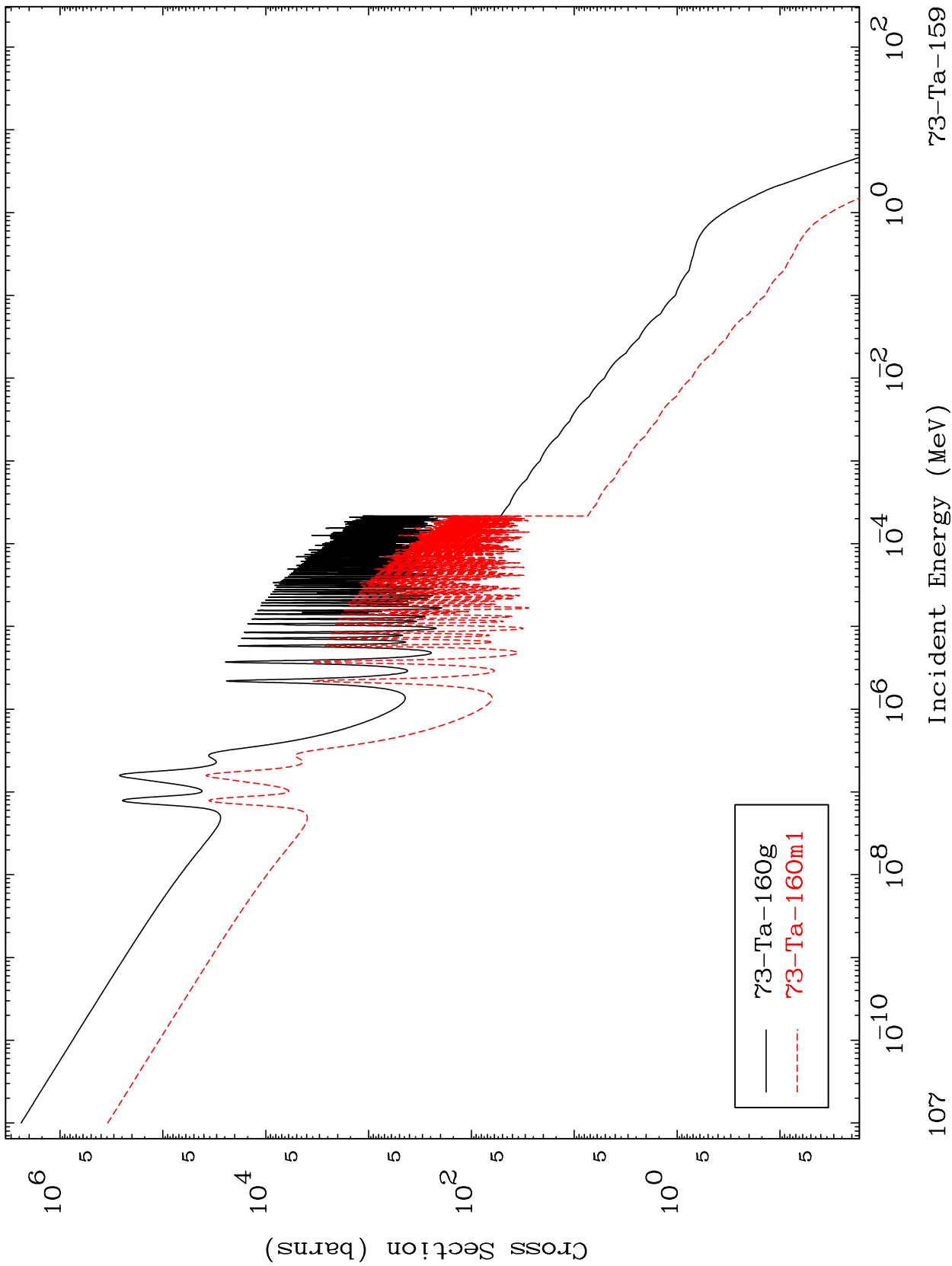
Incident Energy (MeV)

⁷³Ta-159

MAT 7262

$^{73}\text{Ta-159}$

(n,γ)
Radionuclide Production Cross Section



107

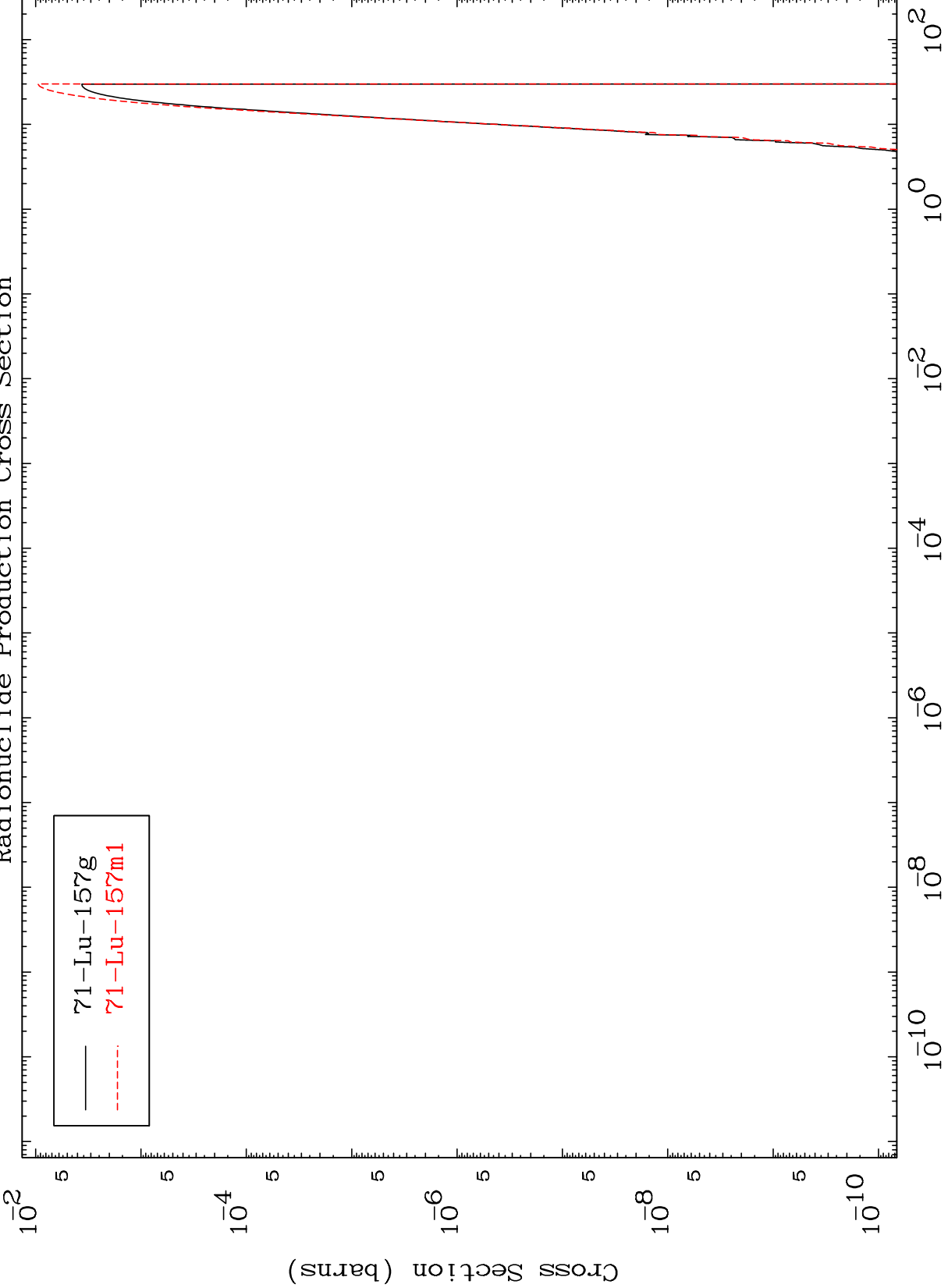
$^{73}\text{Ta-159}$

MAT 7262

(n,He-3)

73-Ta-159

Radionuclide Production Cross Section



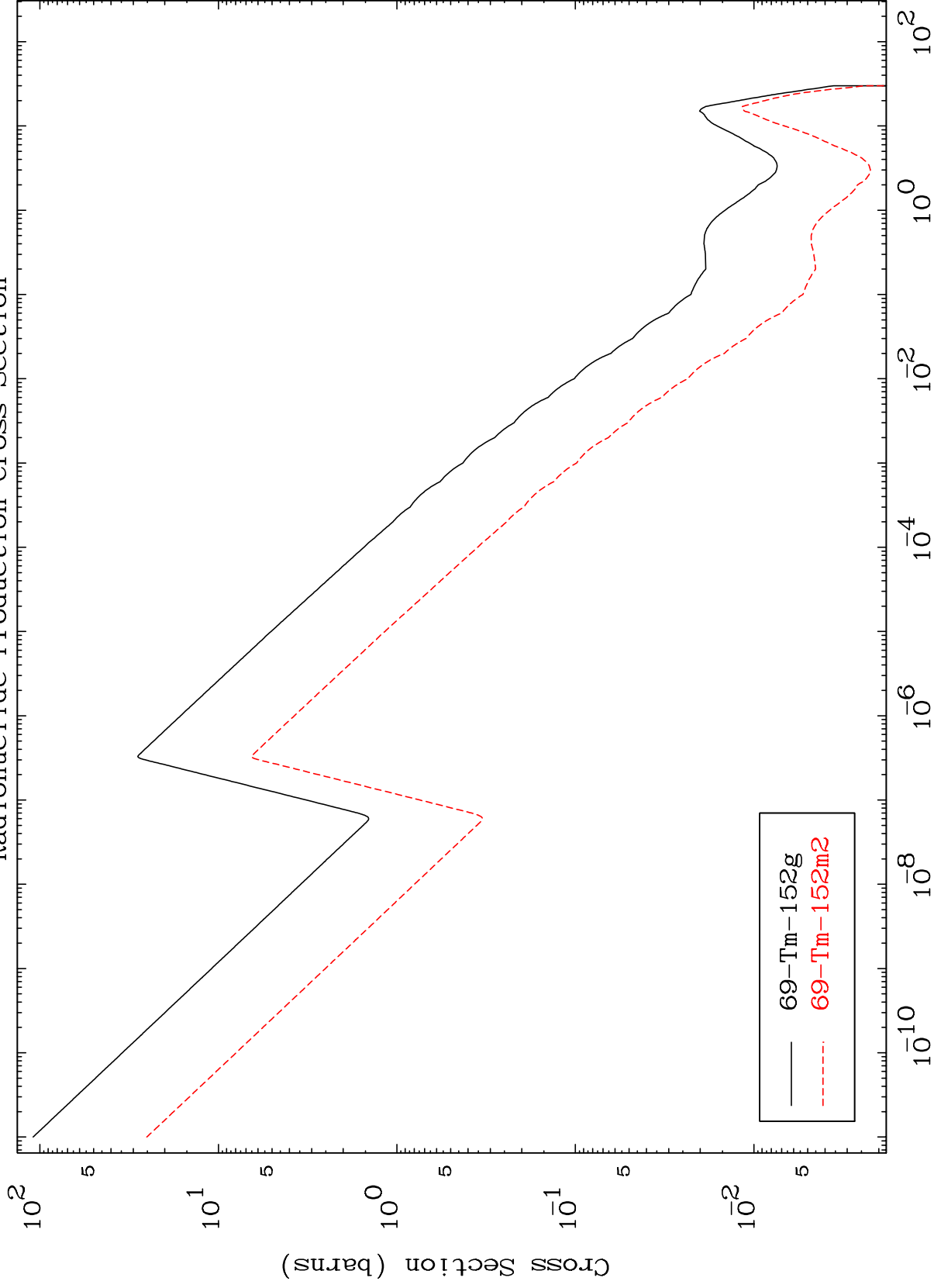
71-Lu-157g
71-Lu-157m1

MAT 7262

(n,2α)

73-Ta-159

Radionuclide Production Cross Section



109

Incident Energy (MeV)

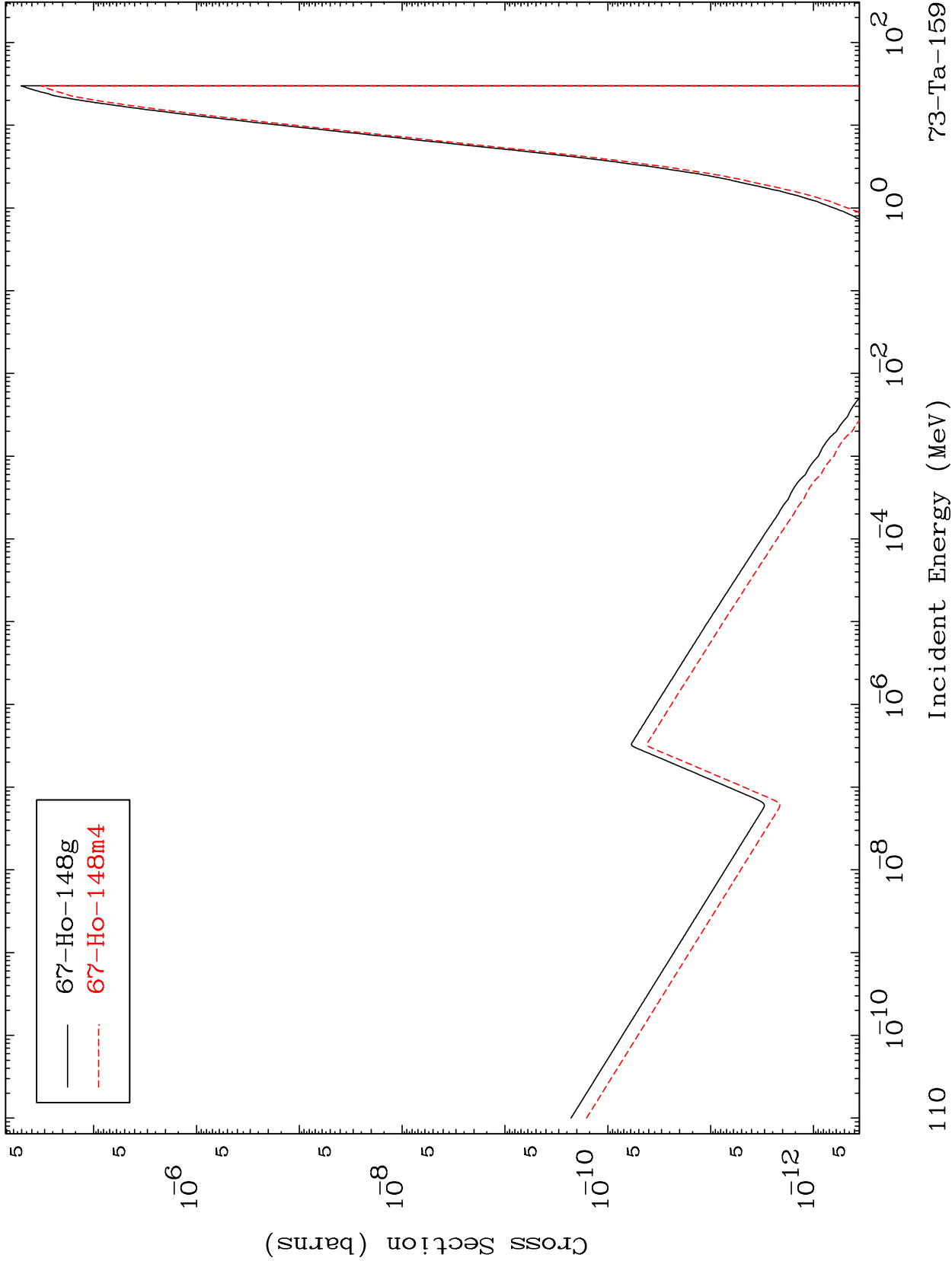
73-Ta-159

MAT 7262

(n, 3α)

73-Ta-159

Radionuclide Production Cross Section

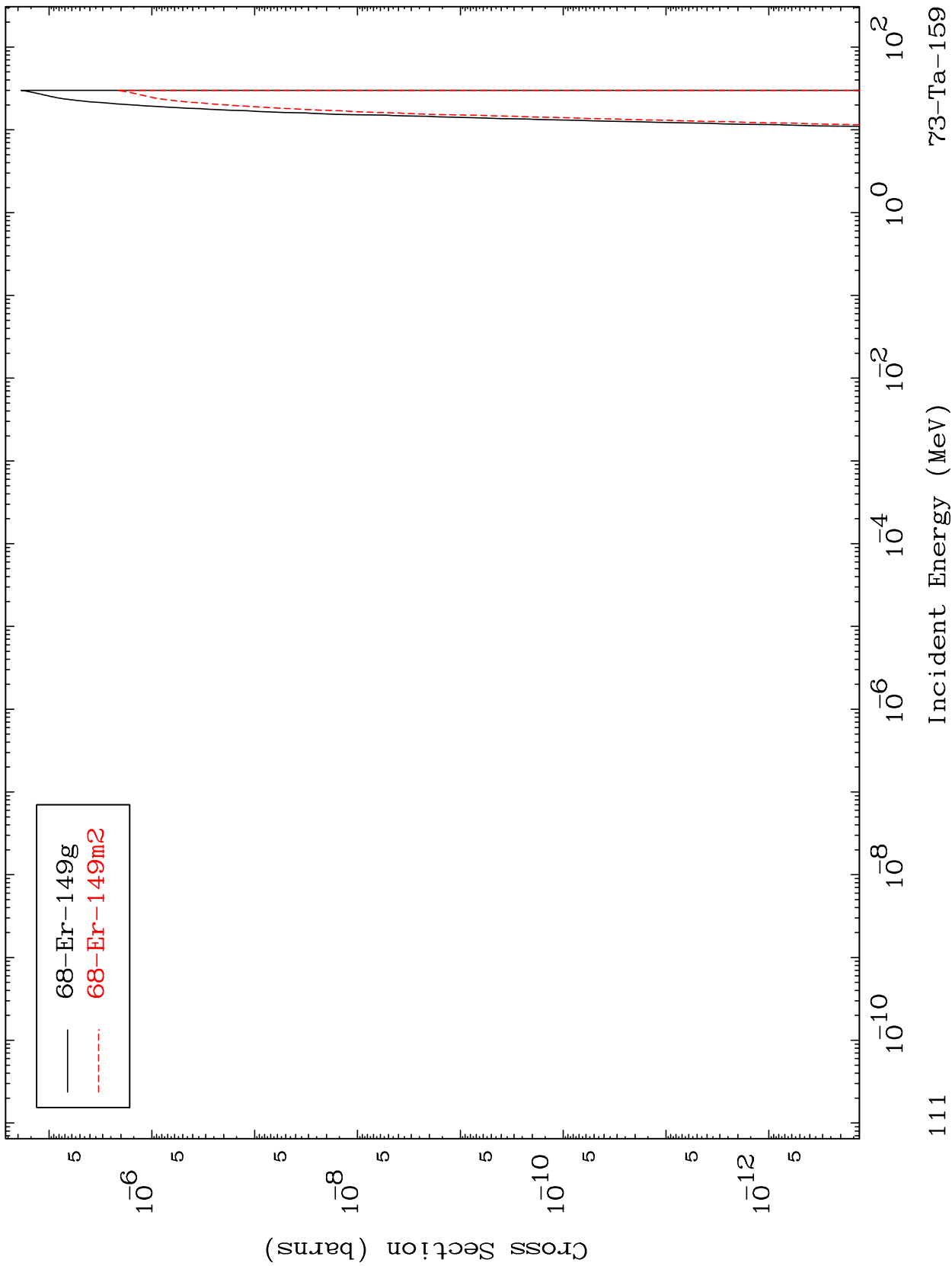


MAT 7262

(n,t) 2 α

73-Ta-159

Radionuclide Production Cross Section

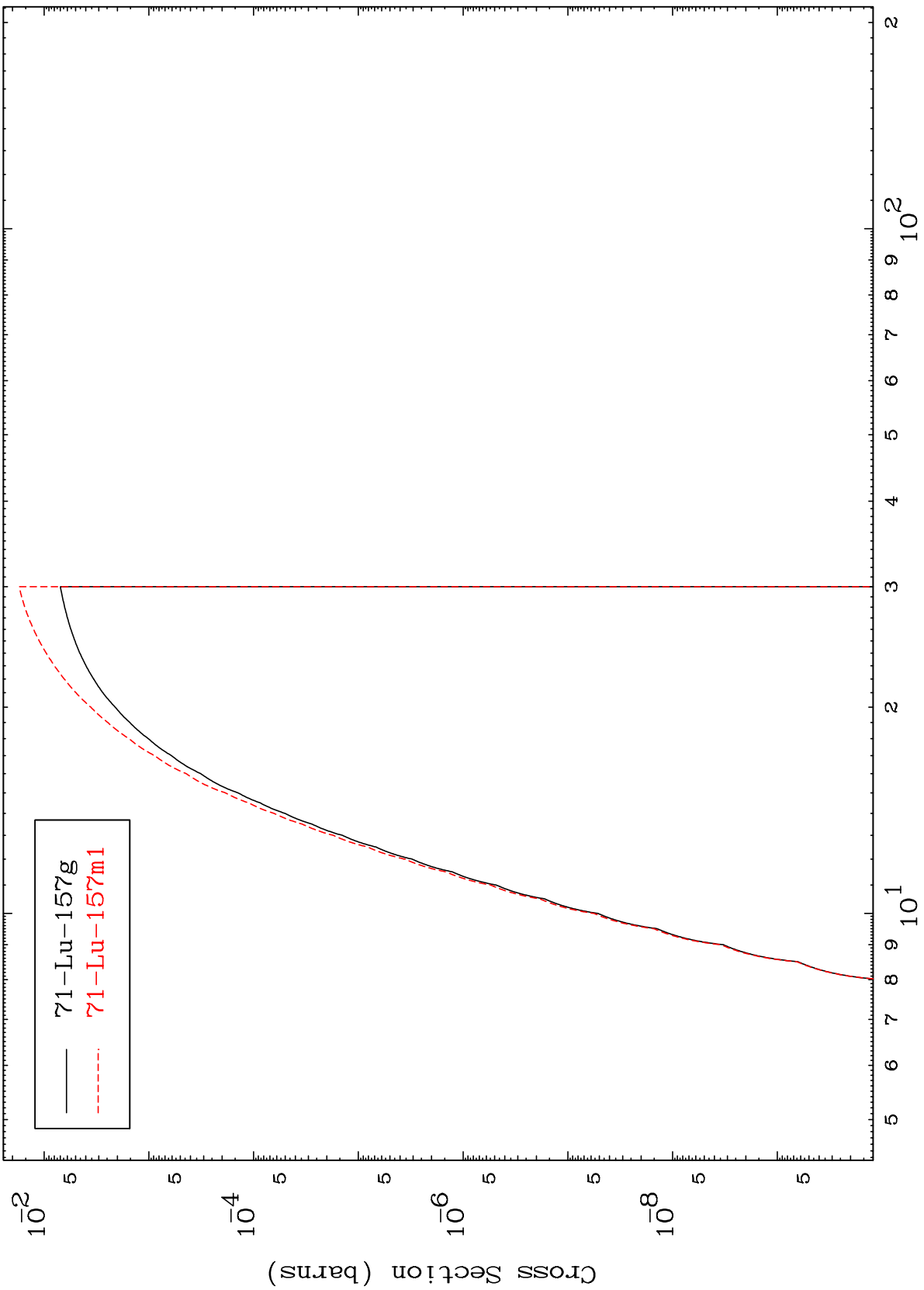


MAT 7262

(n,p) d

⁷³Ta-159

Radionuclide Production Cross Section



71-Lu-157g
71-Lu-157m1

112

Incident Energy (MeV)

⁷³Ta-159