

Program EVALPLOT
(Version 2015-2)

by

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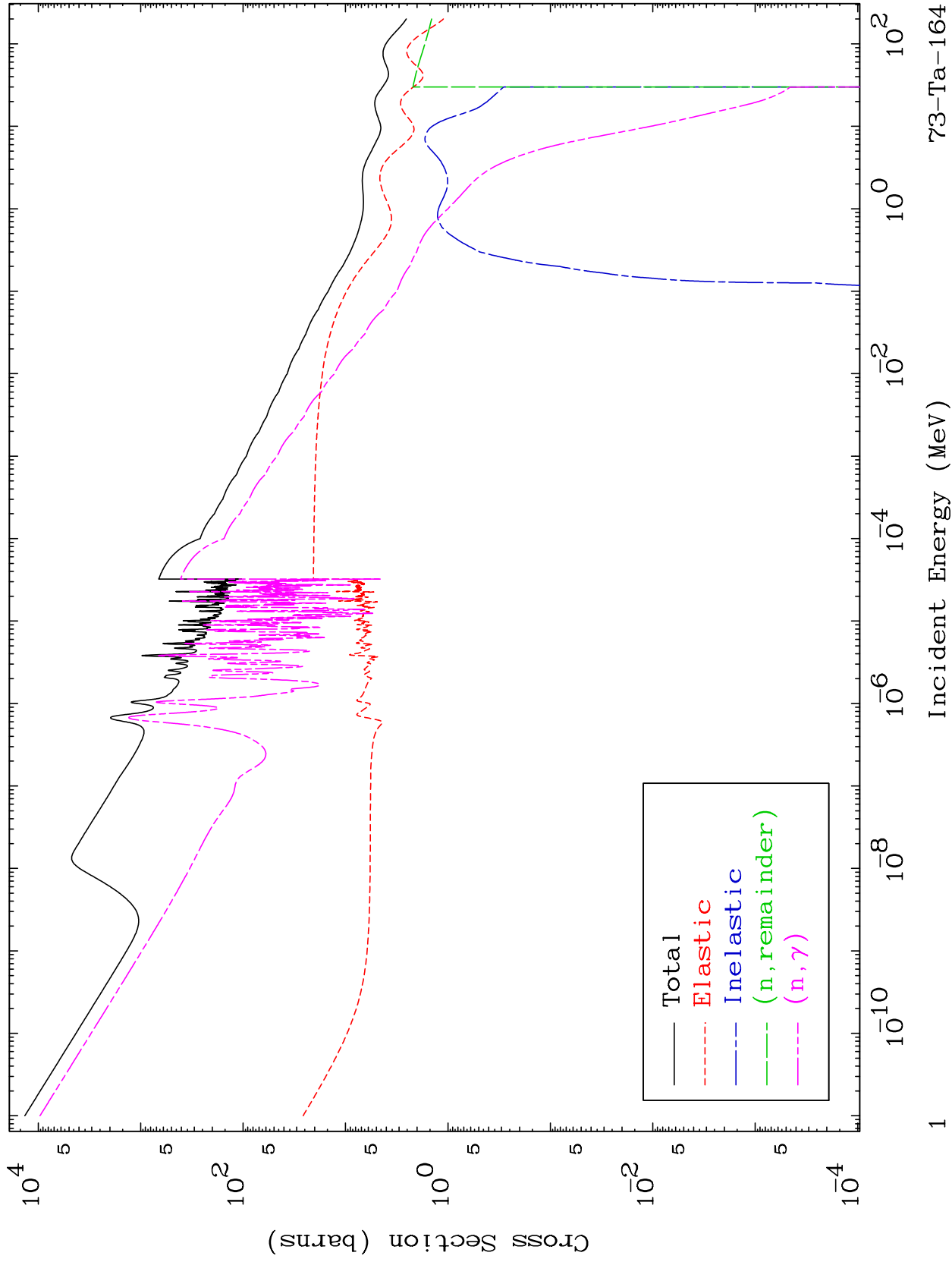
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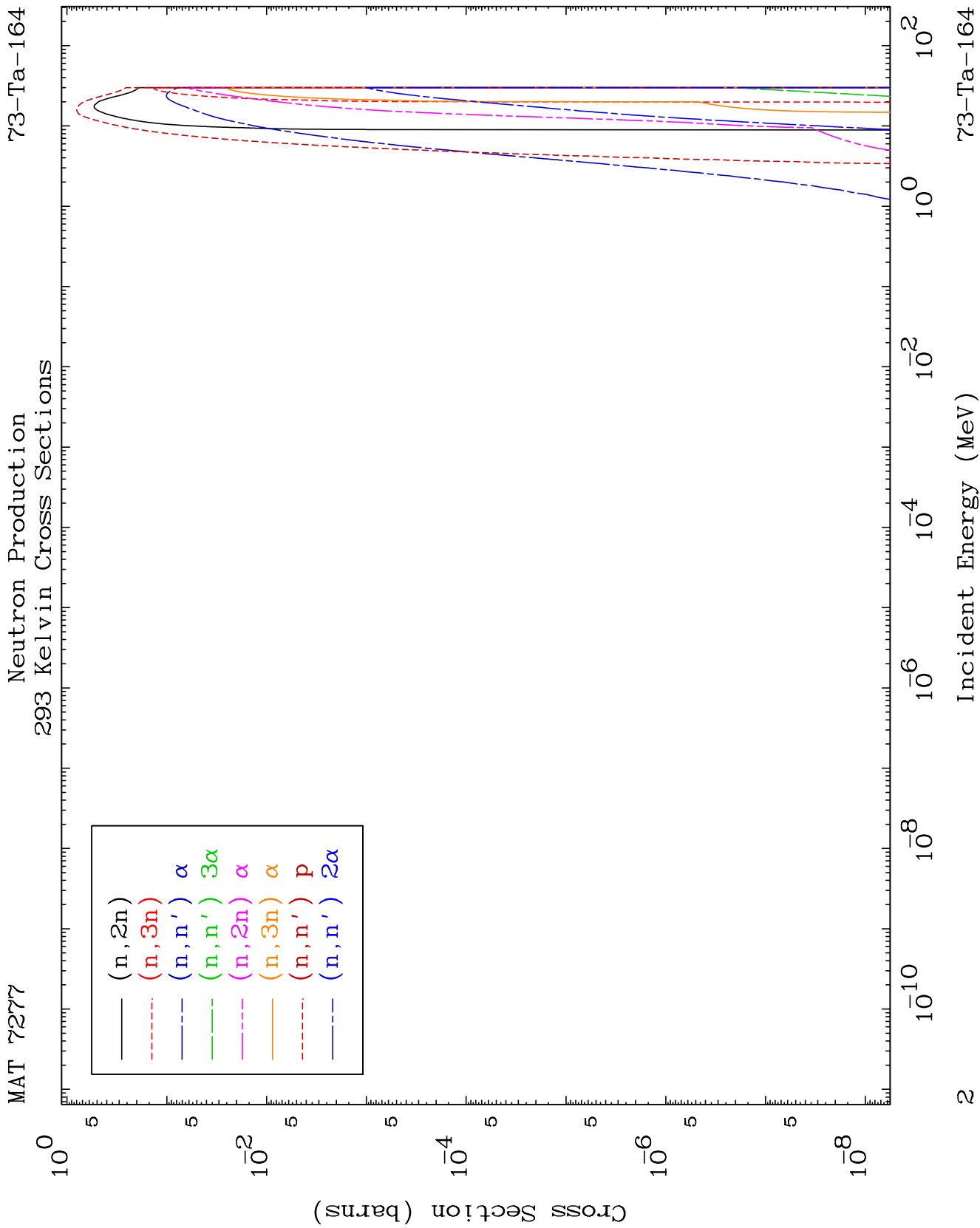
MAT 7277

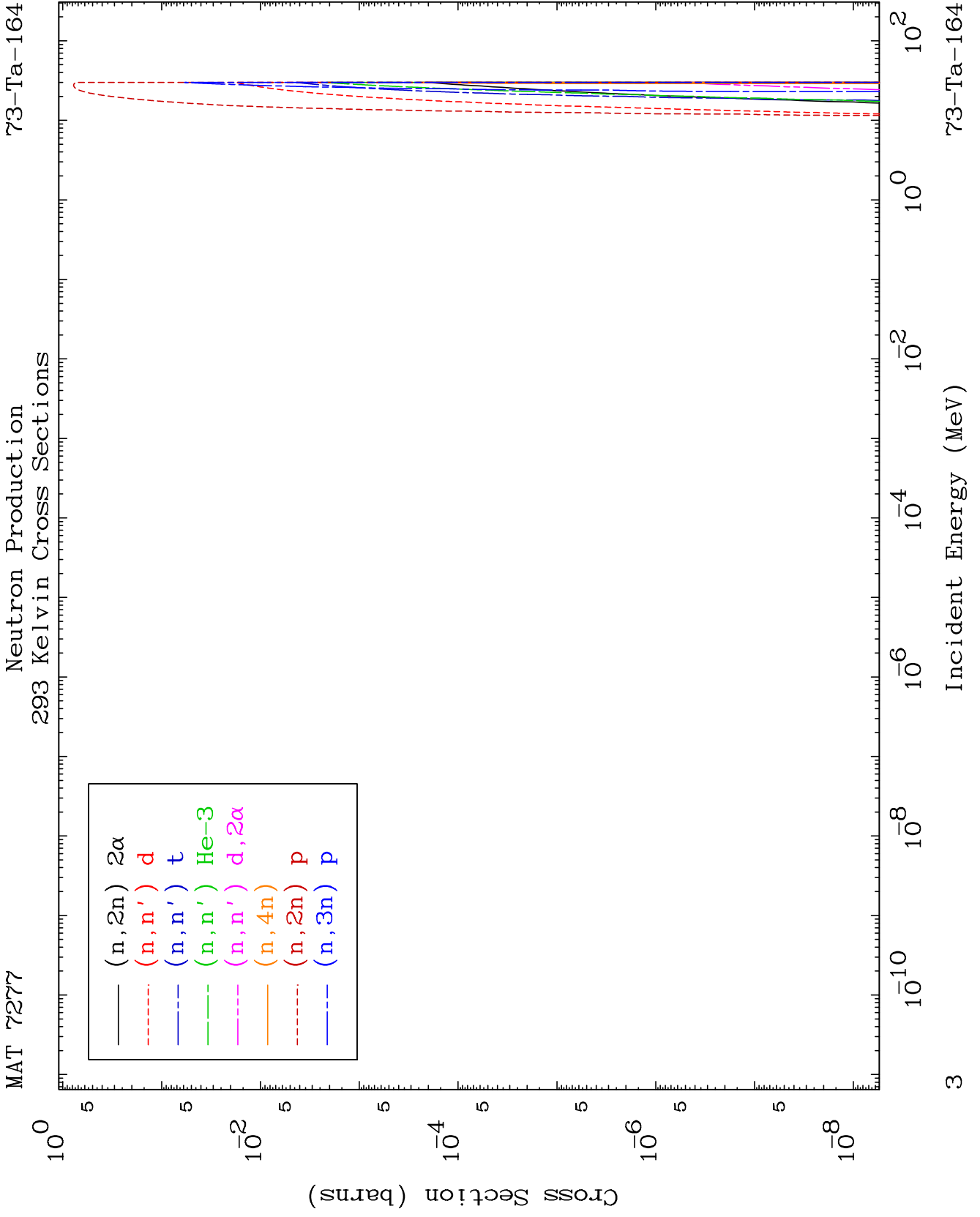
Major

293 Kelvin Cross Sections

73-Ta-164



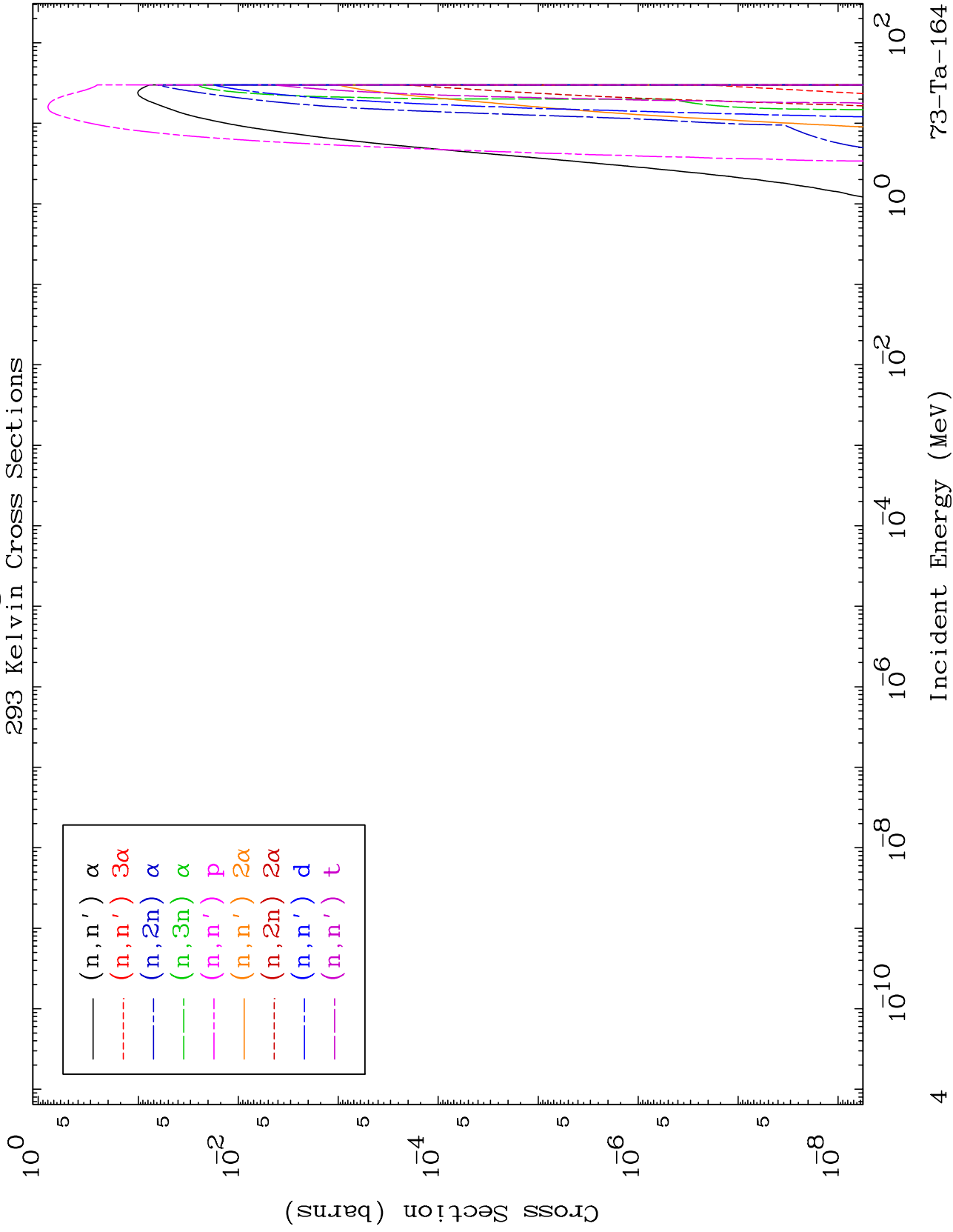




MAT 7277

Charged Particle
293 Kelvin Cross Sections

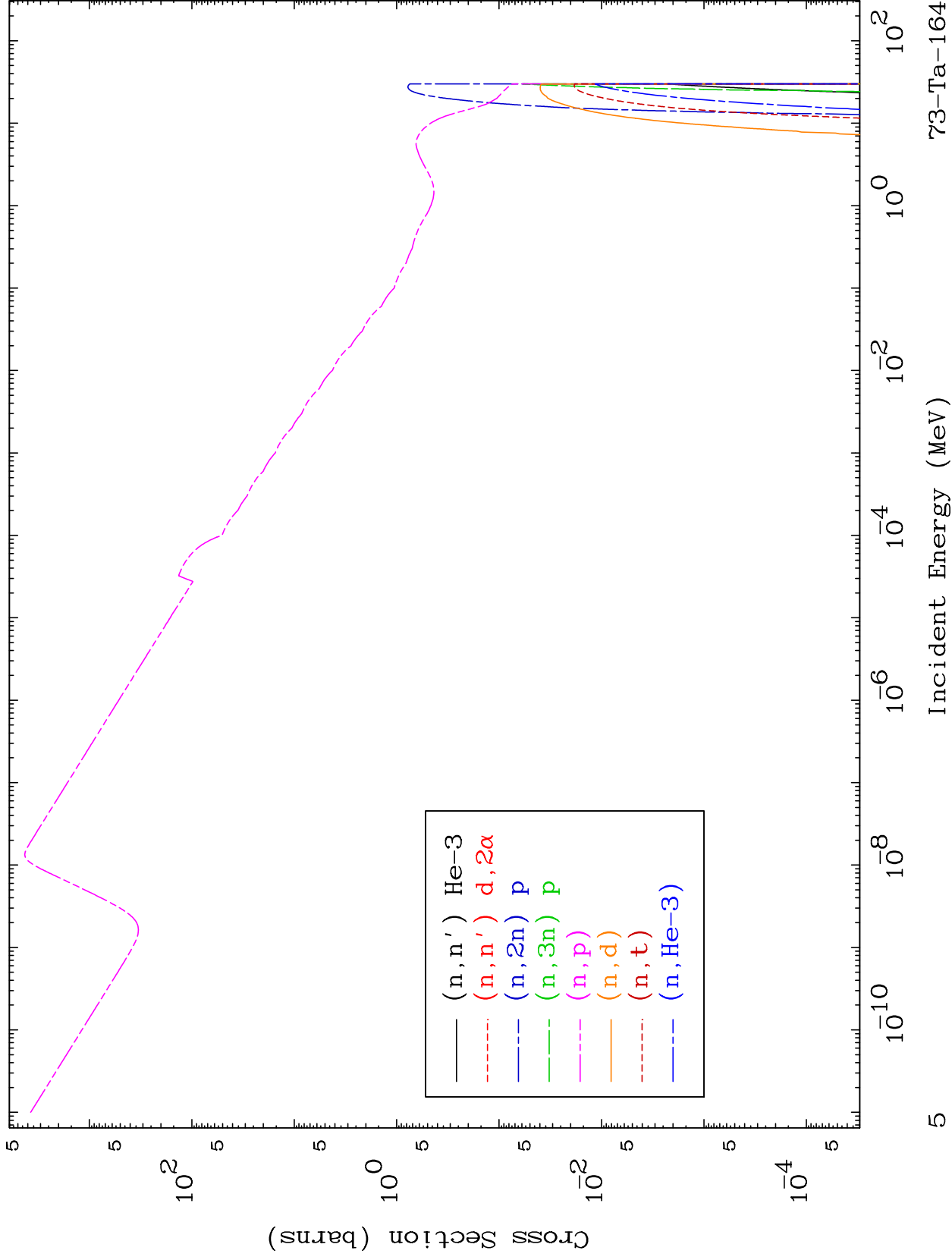
73-Ta-164



MAT 7277

Charged Particle
293 Kelvin Cross Sections

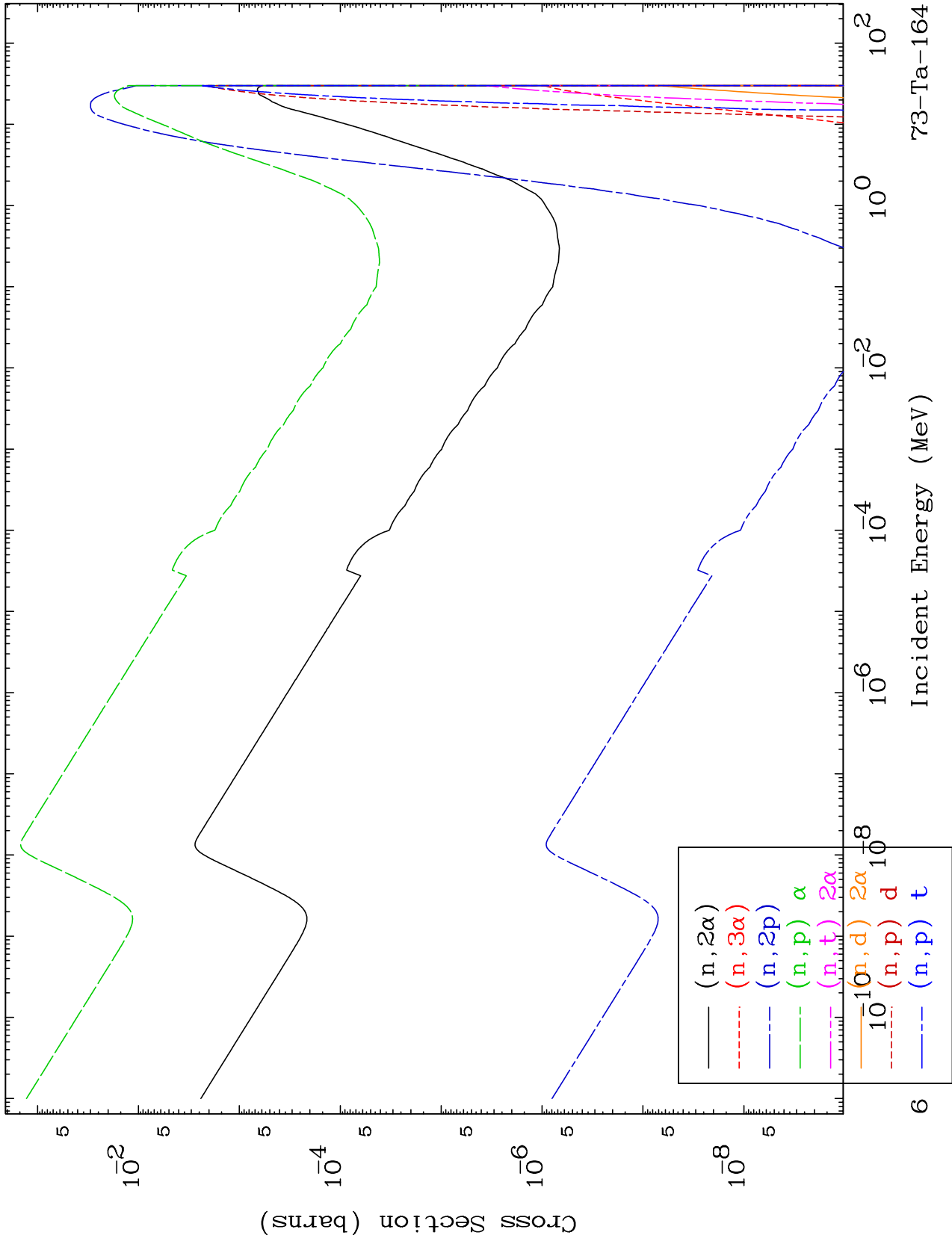
73-Ta-164



MAT 7277

Charged Particle
293 Kelvin Cross Sections

73-Ta-164

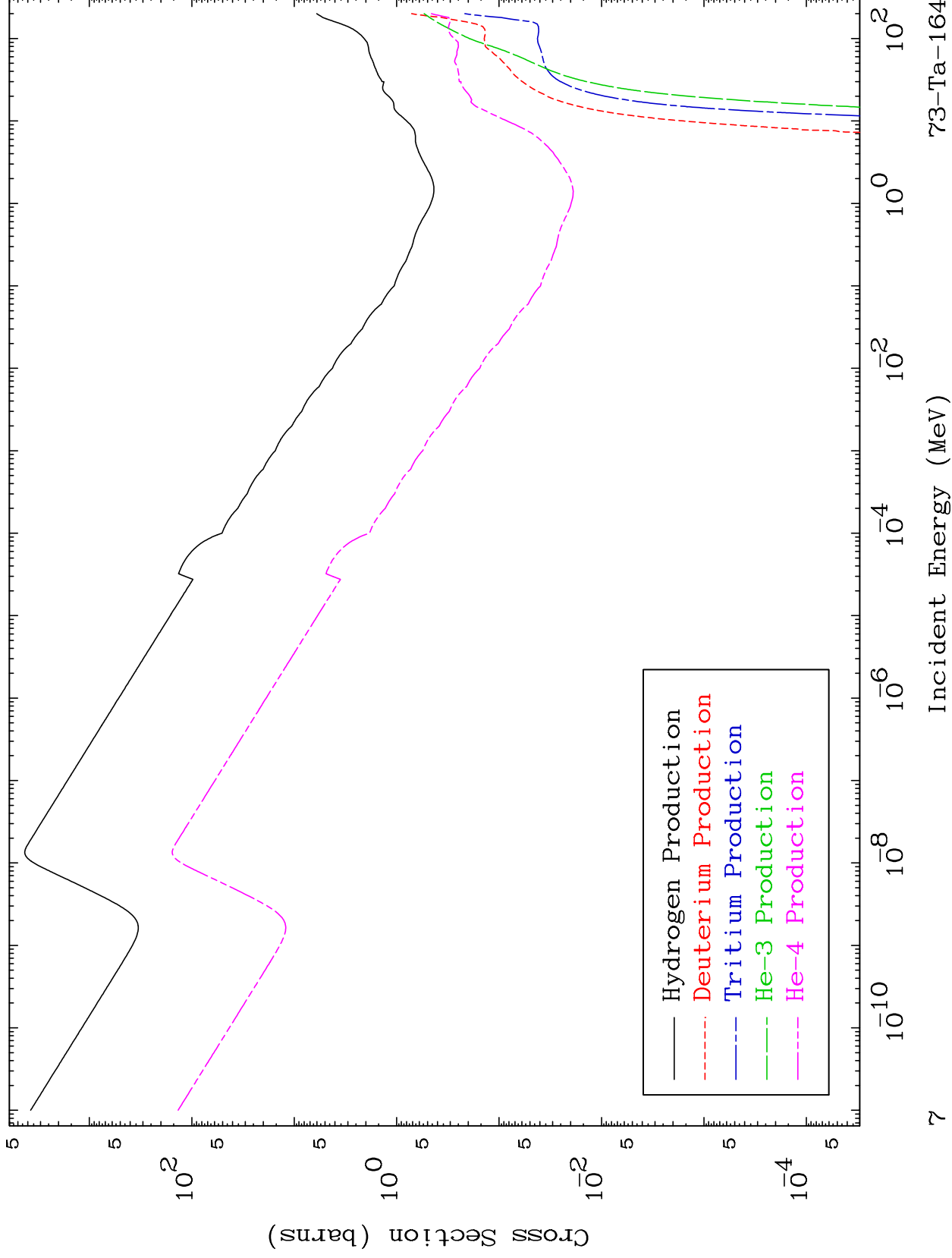


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Particle Production
293 Kelvin Cross Sections

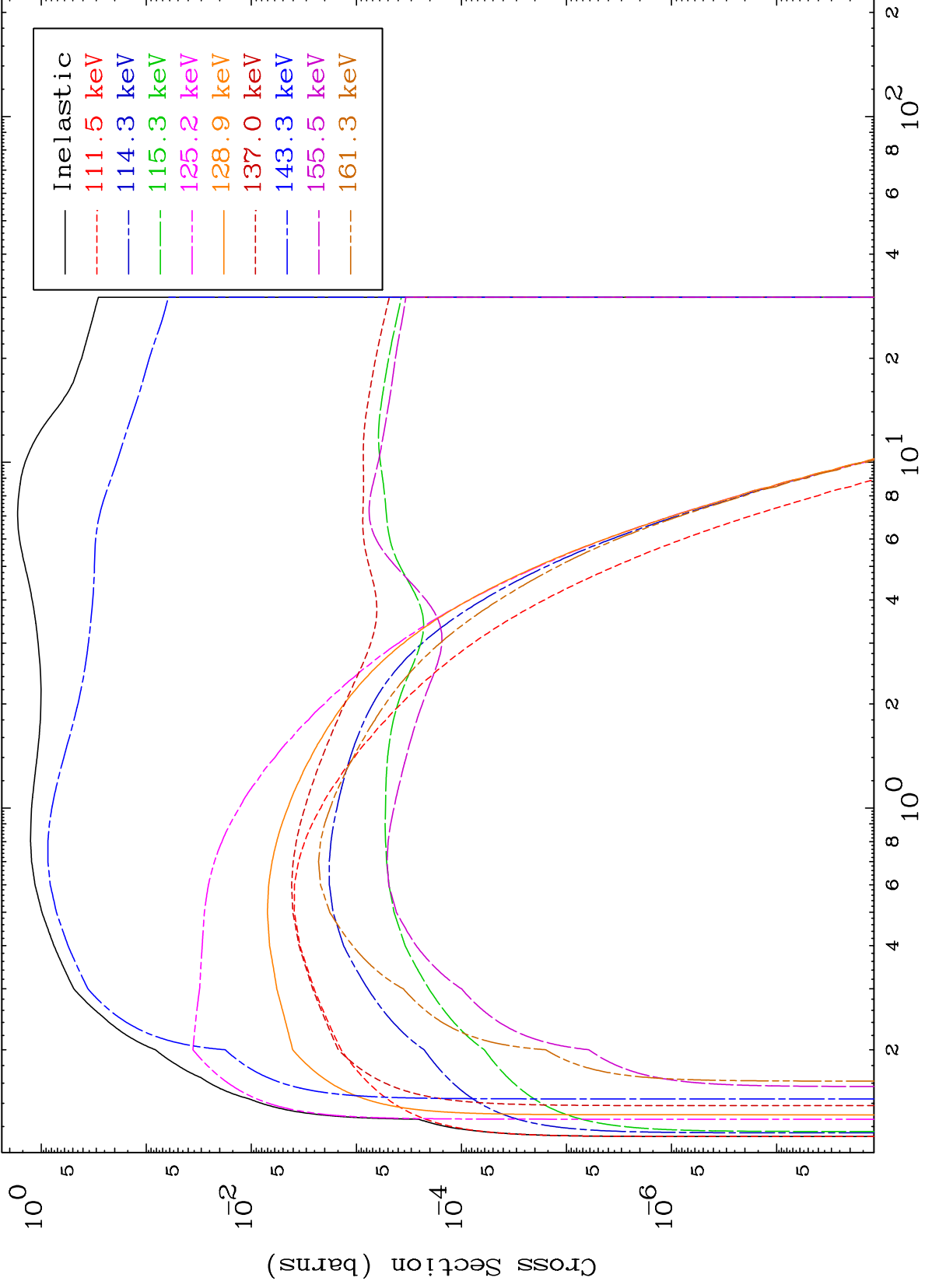
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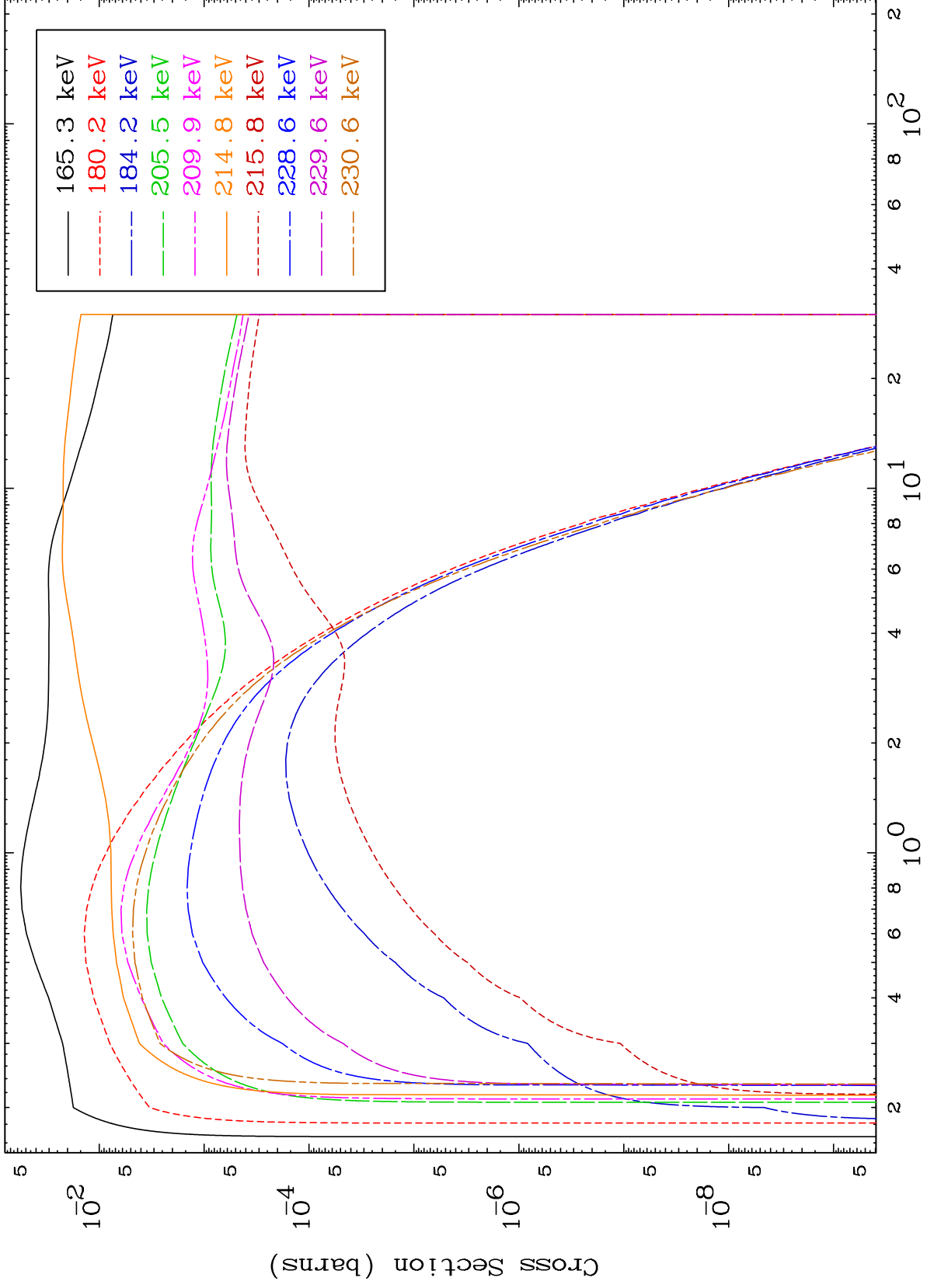


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(n,n') Level
293 Kelvin Cross Sections

73-Ta-164

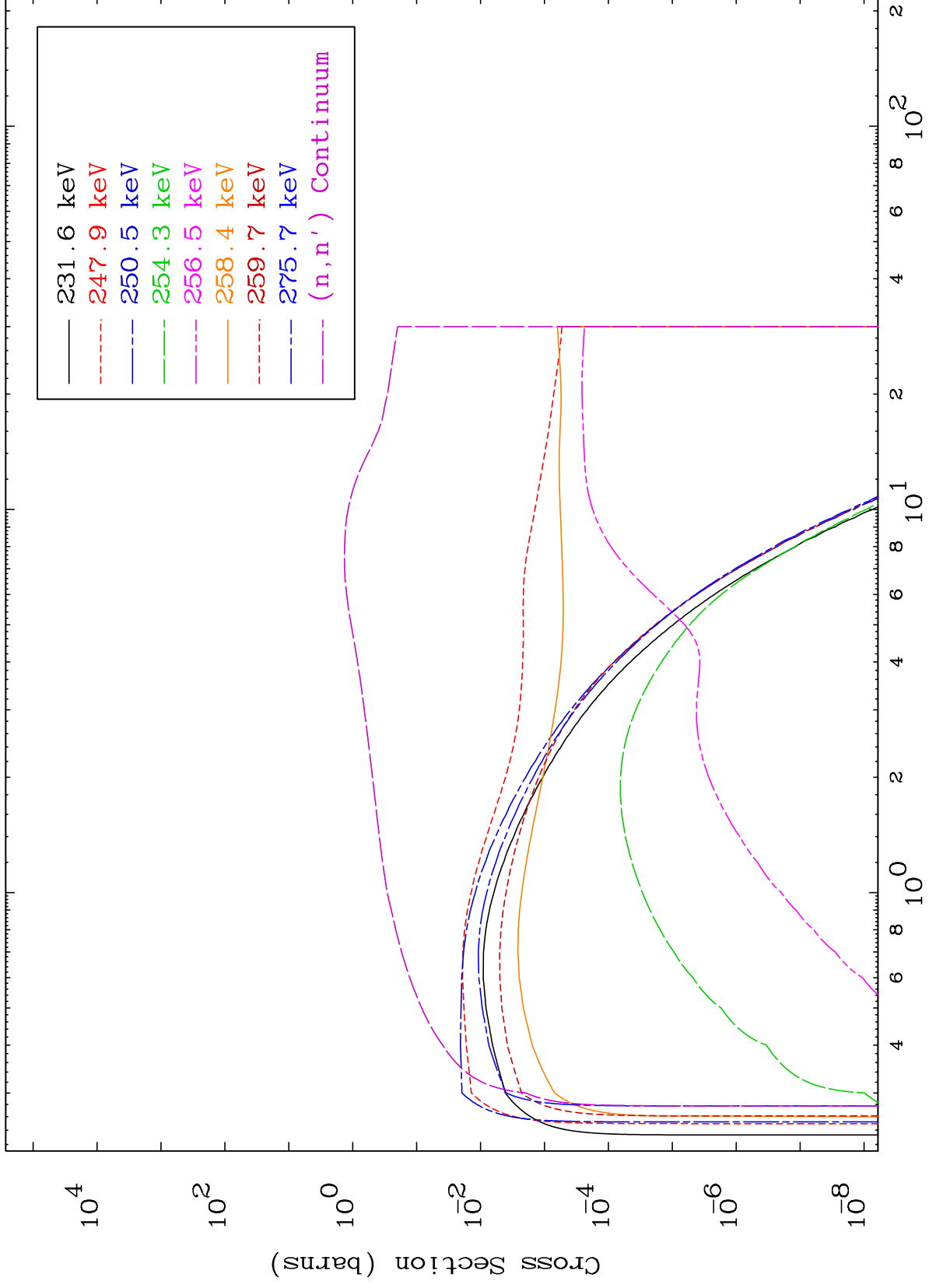




MAT 7277

(n,n') Level
293 Kelvin Cross Sections

73-Ta-164



10

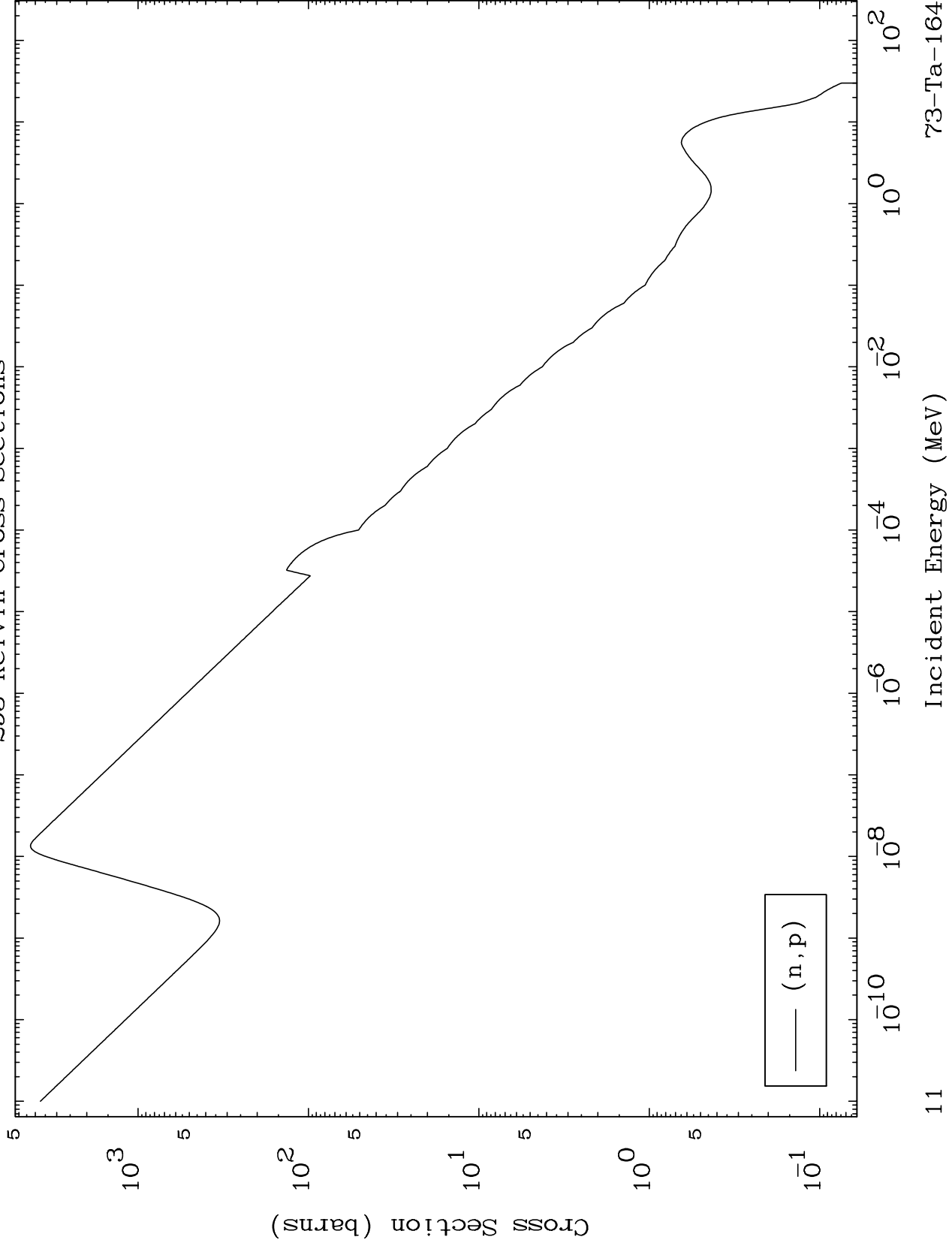
Incident Energy (MeV)

73-Ta-164

MAT 7277

(n,p) Levels
293 Kelvin Cross Sections

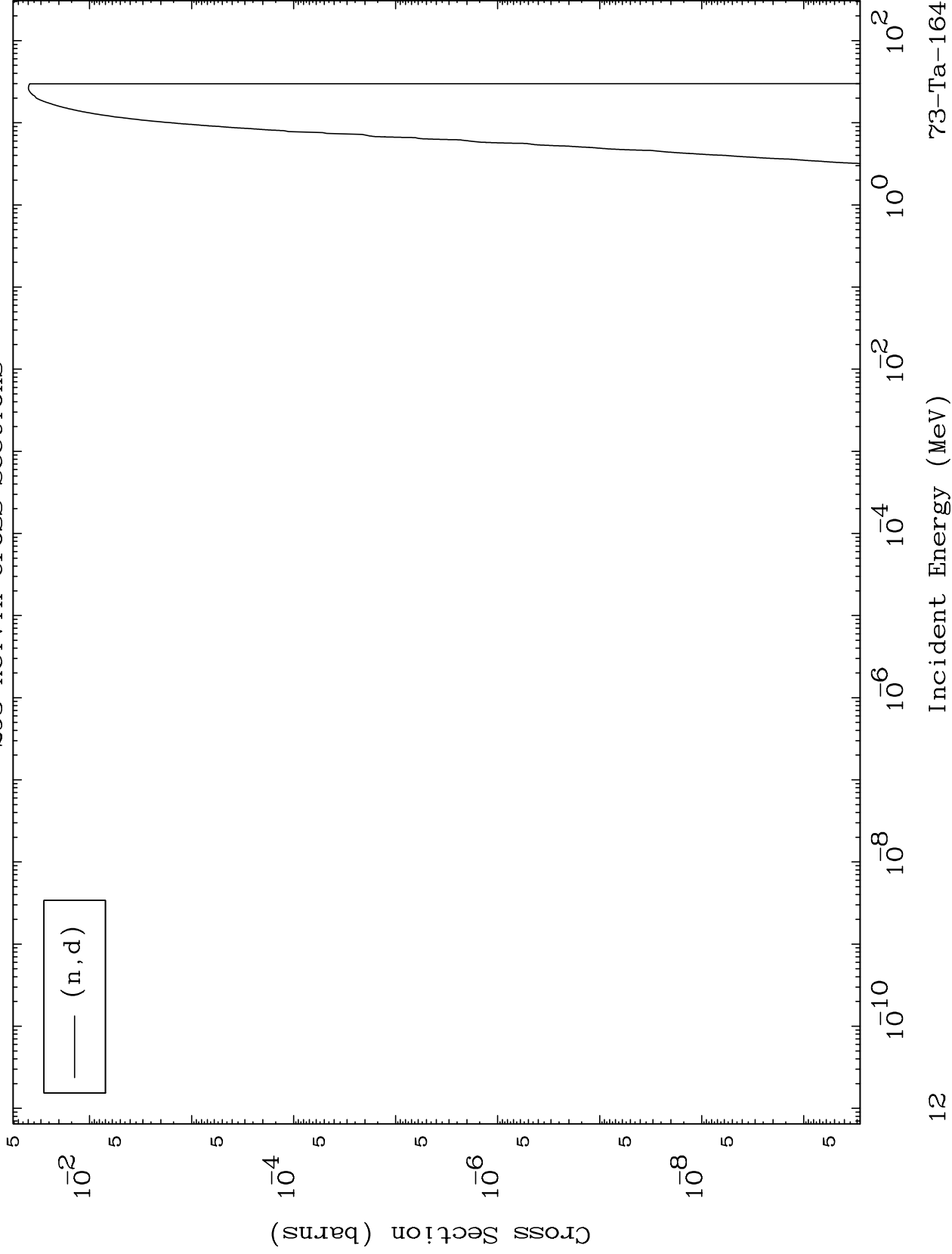
73-Ta-164



MAT 7277

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-164



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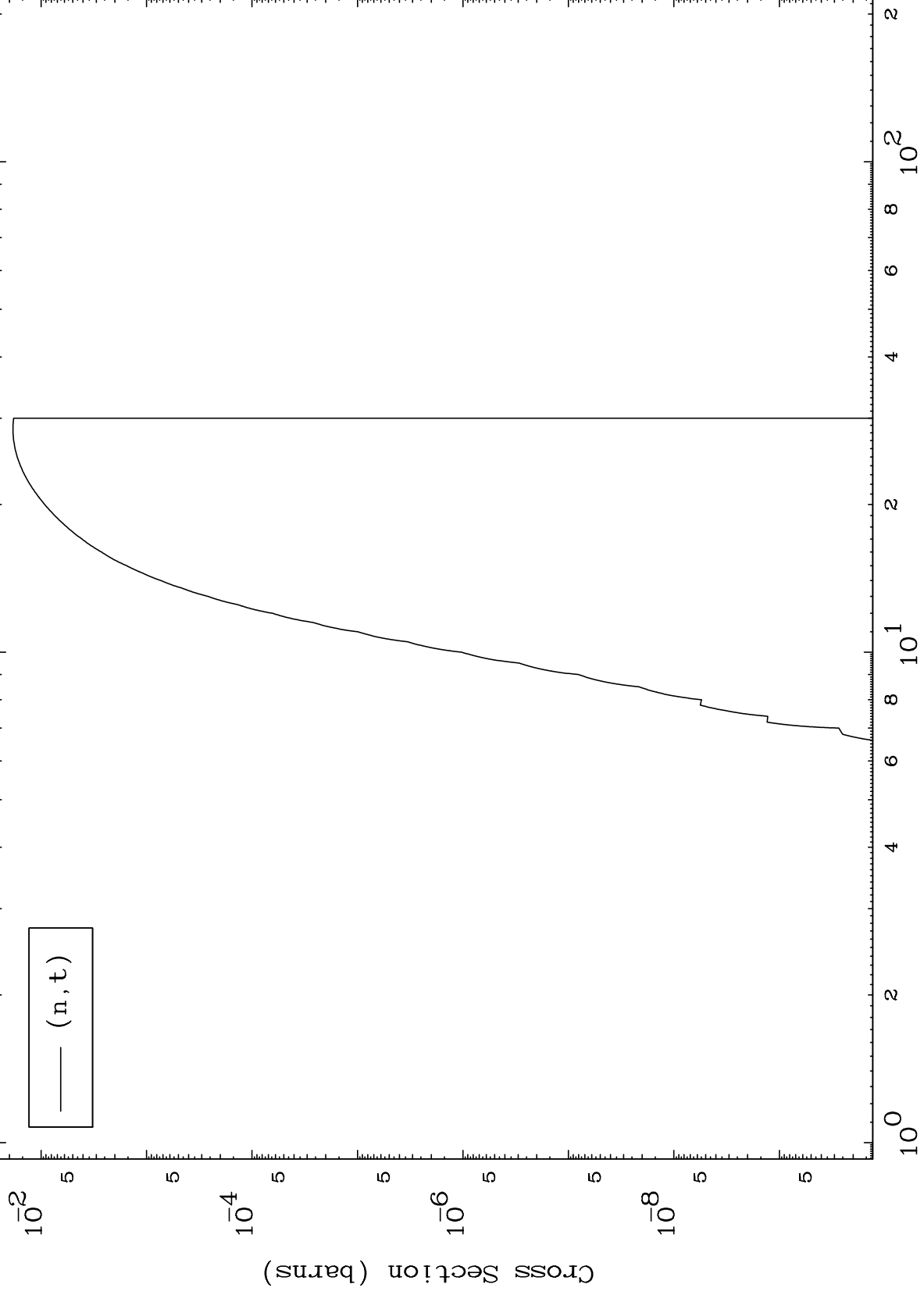
Incident Energy (MeV)

73-Ta-164

MAT 7277

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-164



Incident Energy (MeV)

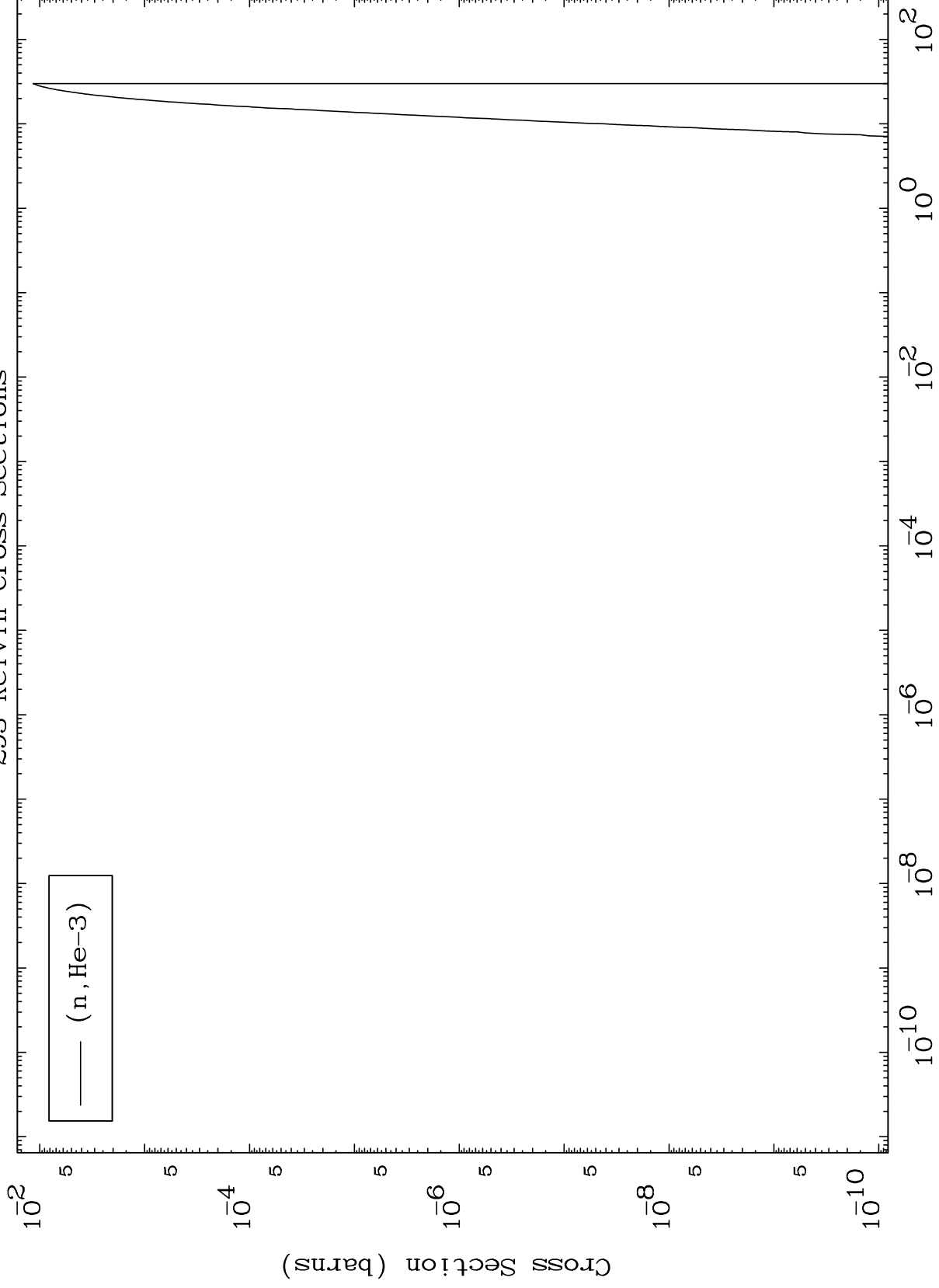
73-Ta-164

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(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-164



(n, He-3)

73-Ta-164

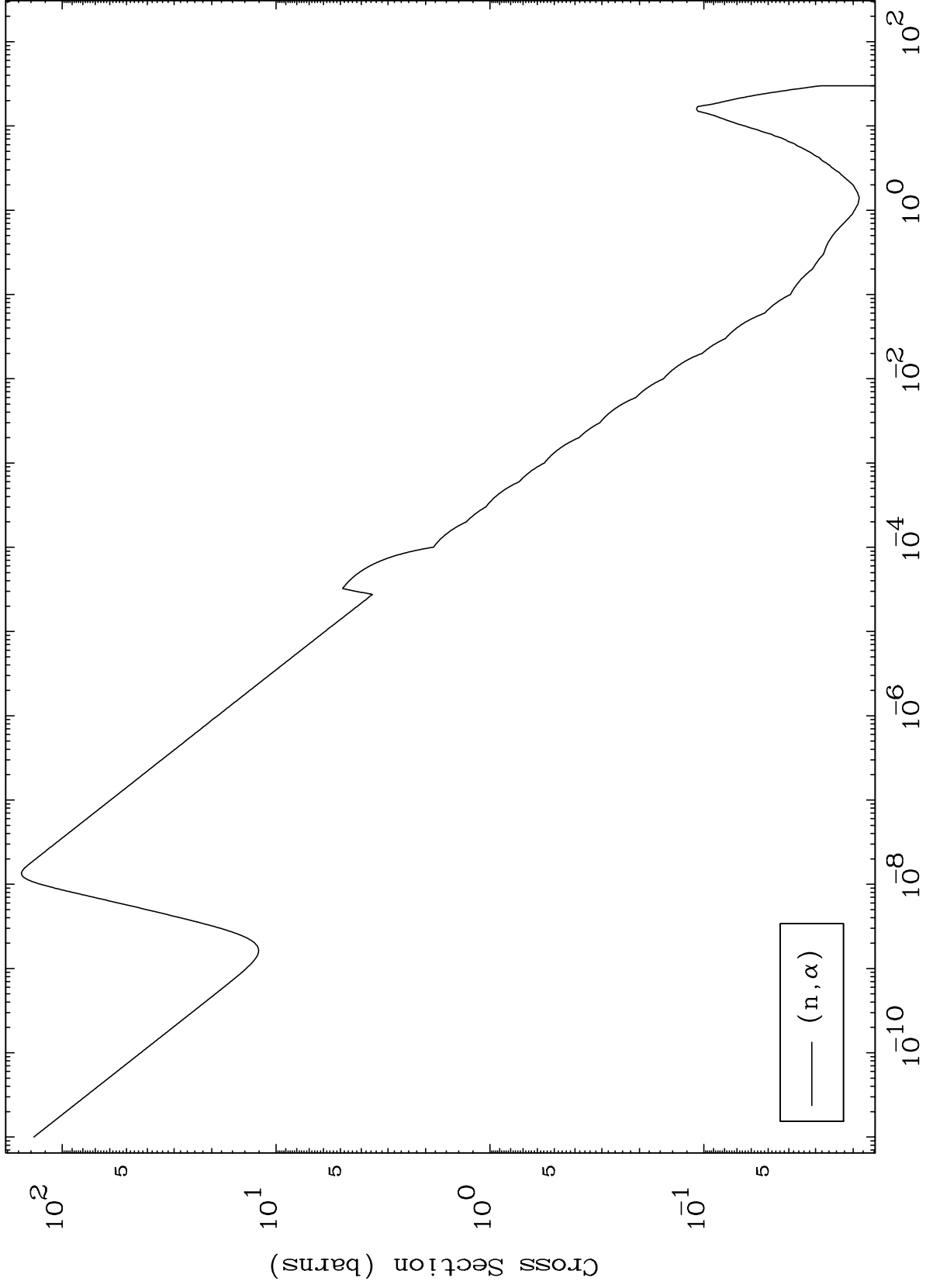
Incident Energy (MeV)

14

MAT 7277

(n,α) Levels
293 Kelvin Cross Sections

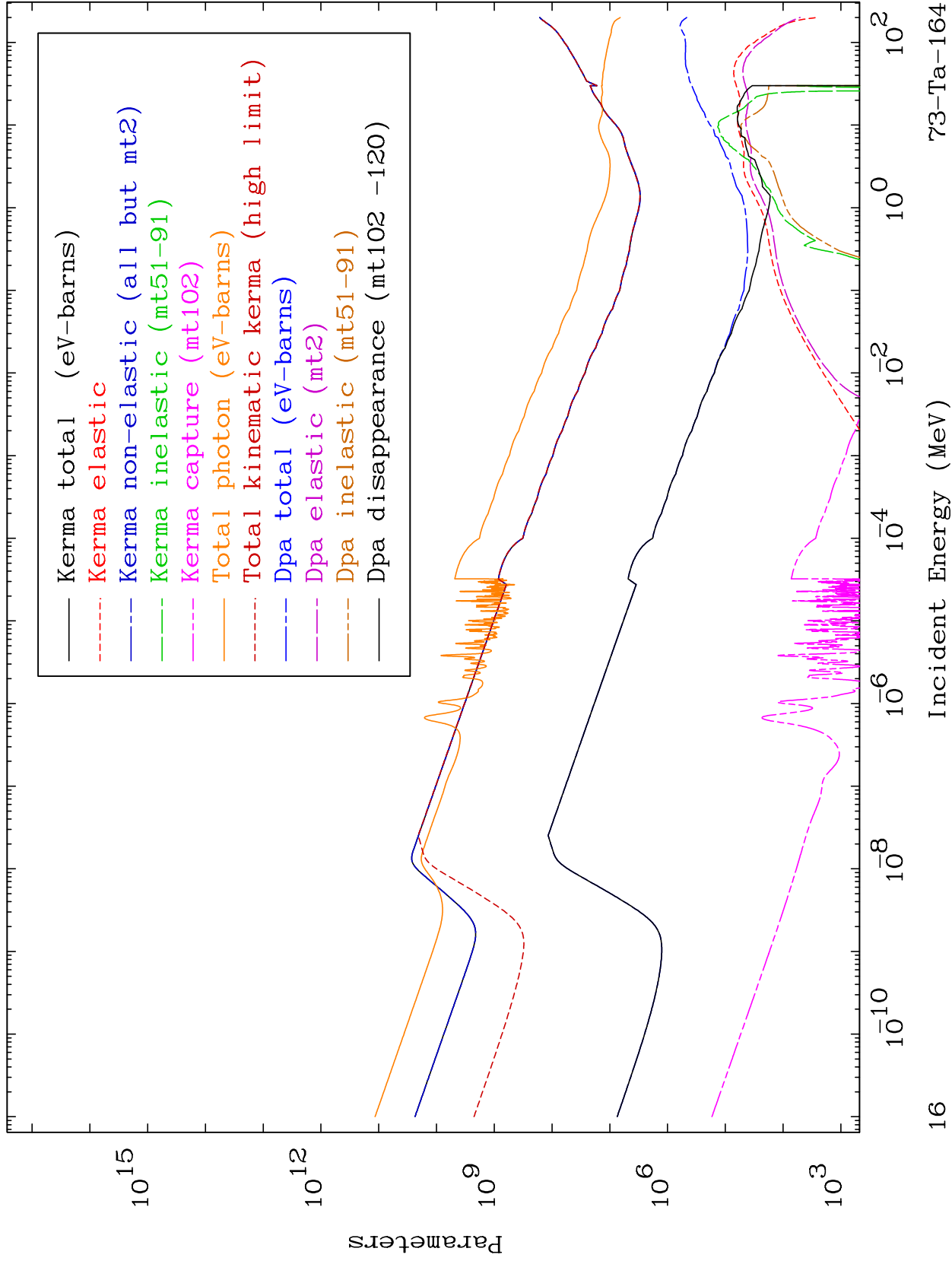
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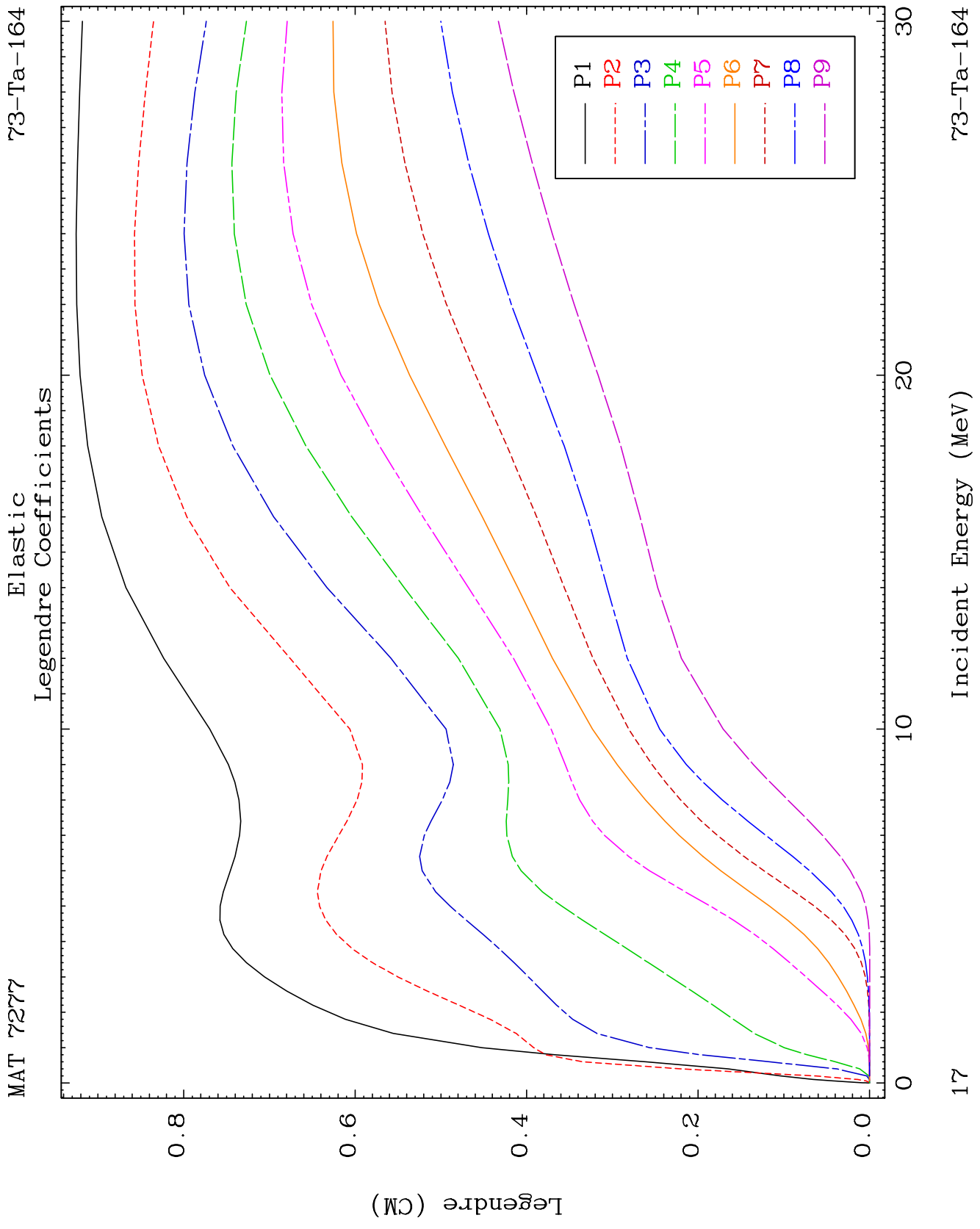


15

Incident Energy (MeV)

73-Ta-164

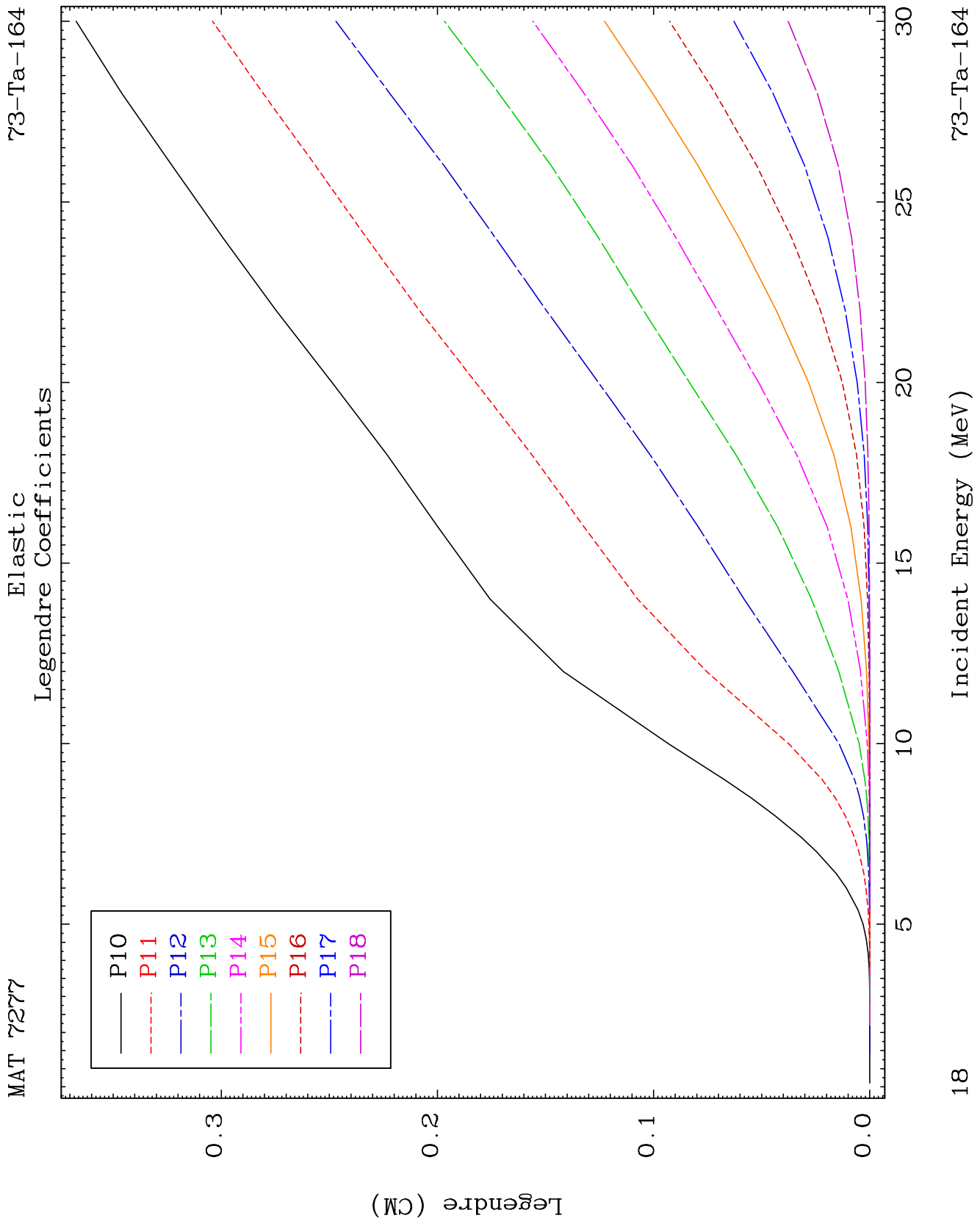




73-Ta-164

Incident Energy (MeV)

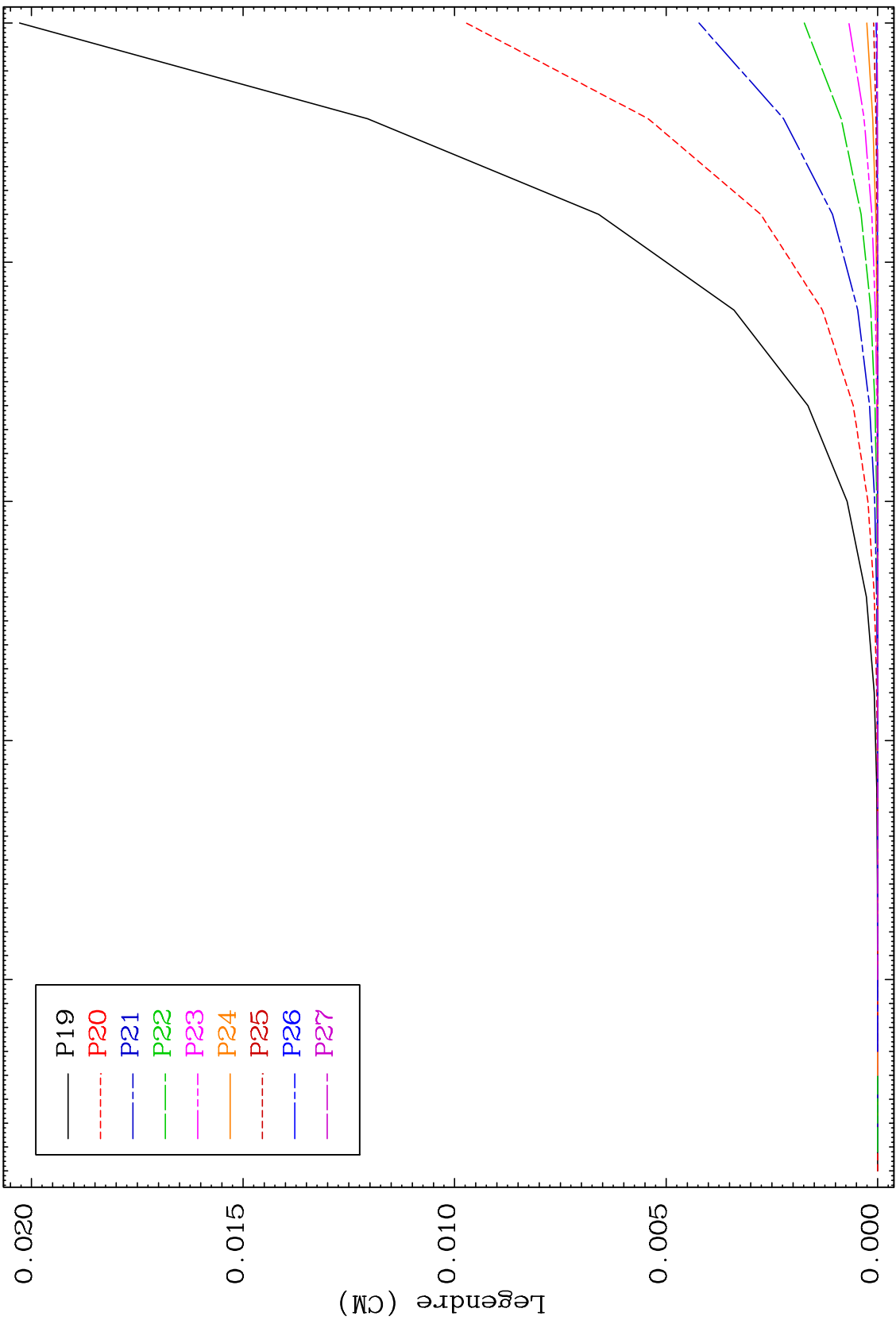
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Elastic Legendre Coefficients

73-Ta-164



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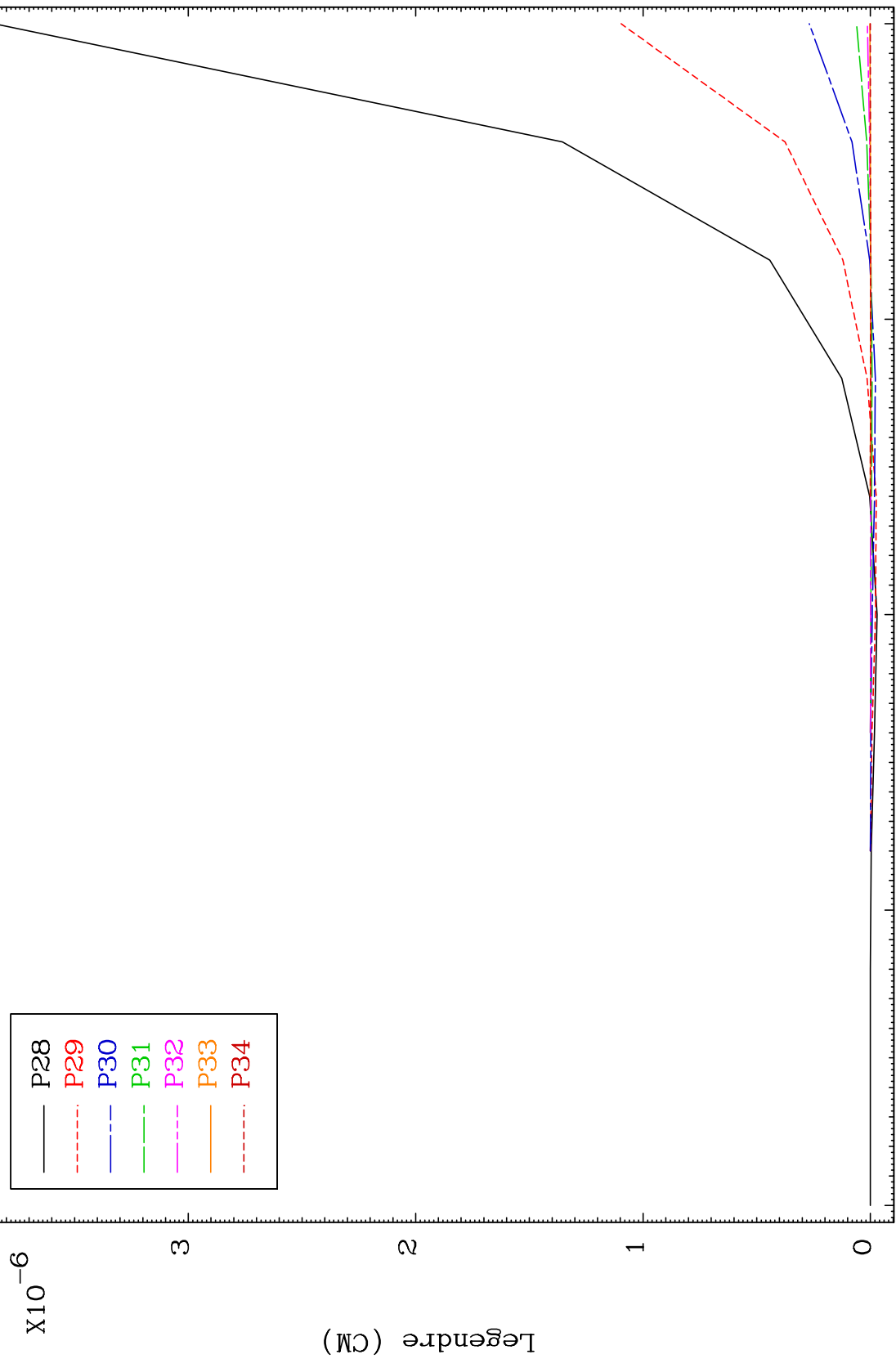
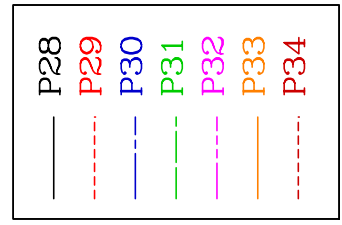
Incident Energy (MeV)

73-Ta-164

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Elastic
Legendre Coefficients

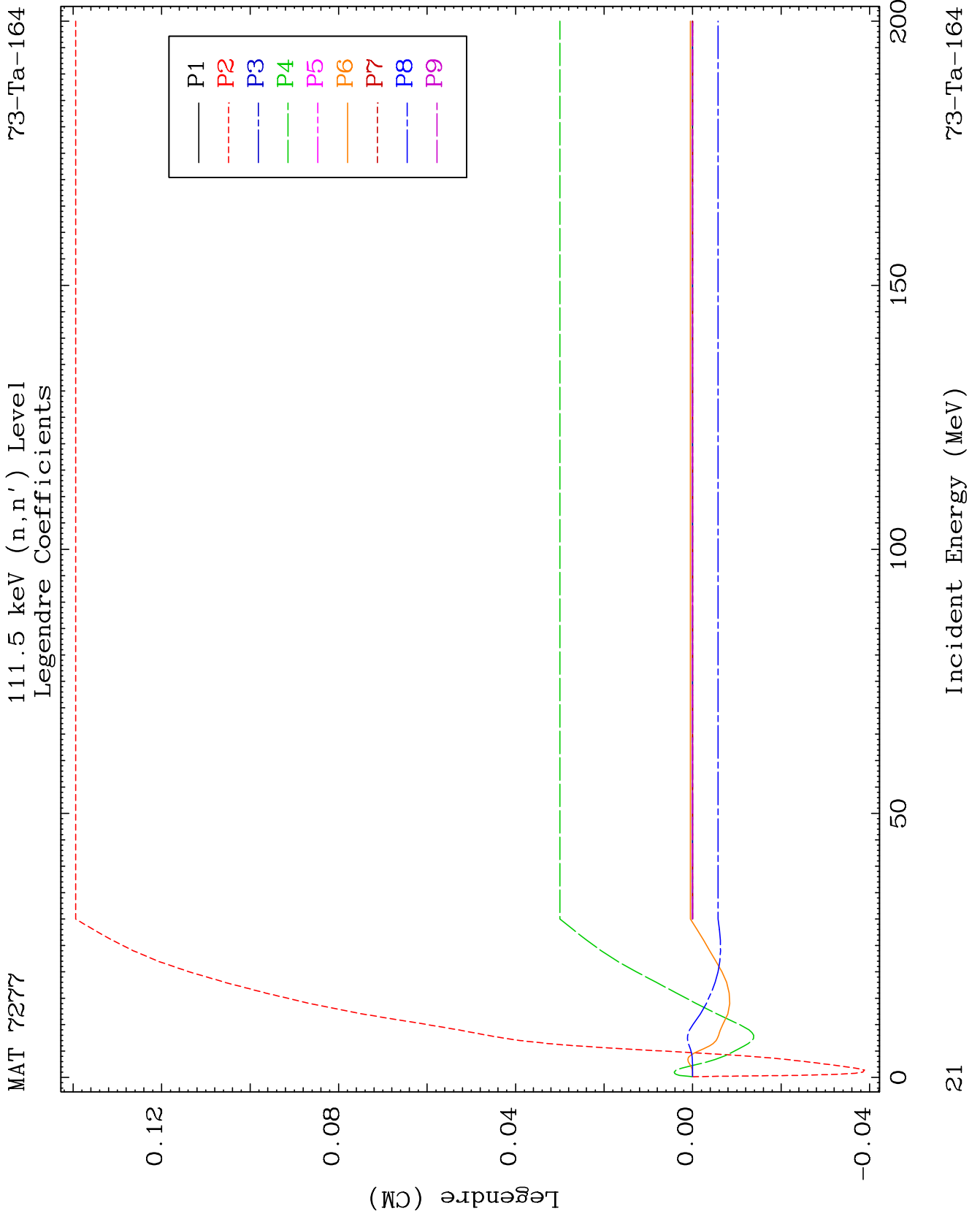
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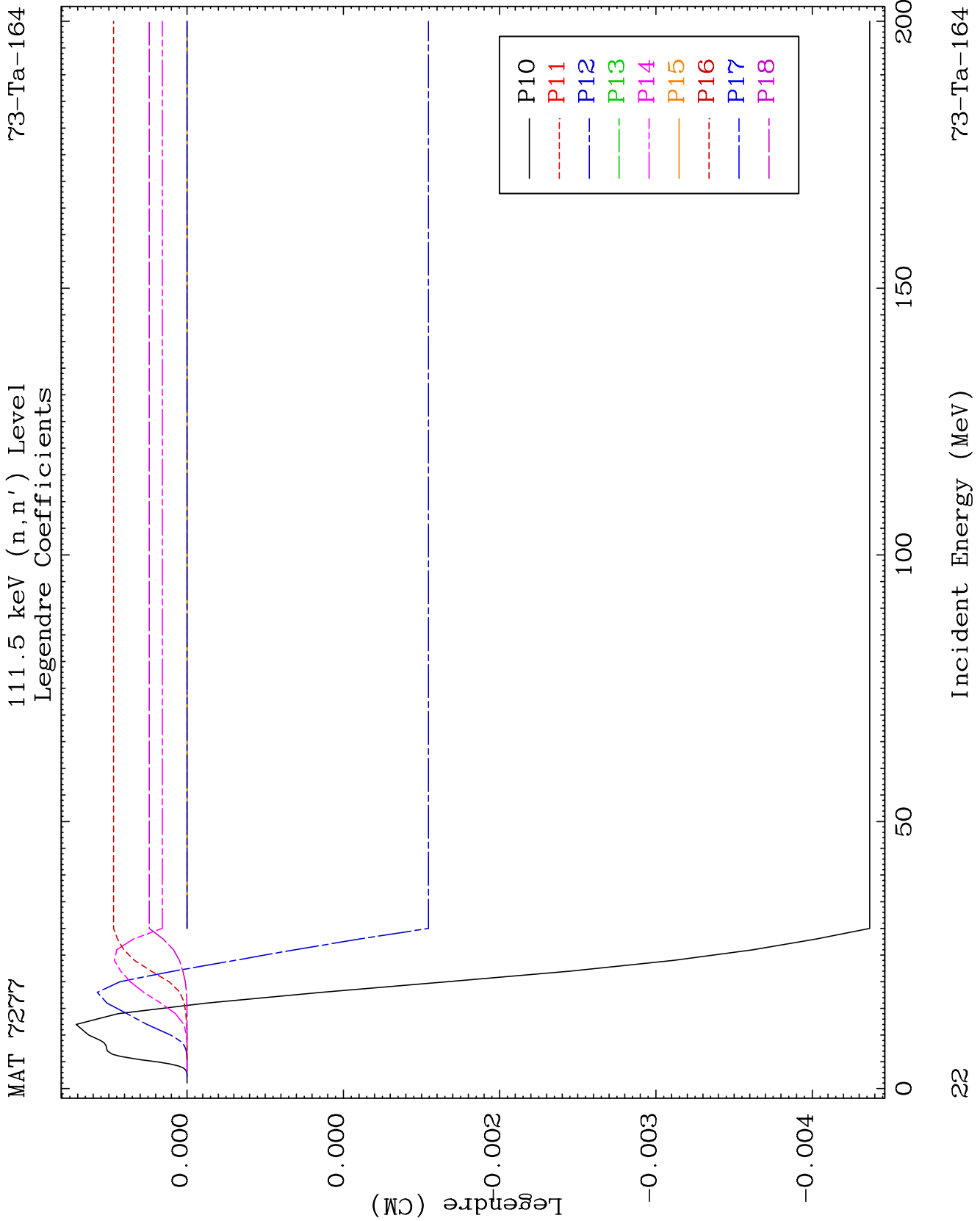


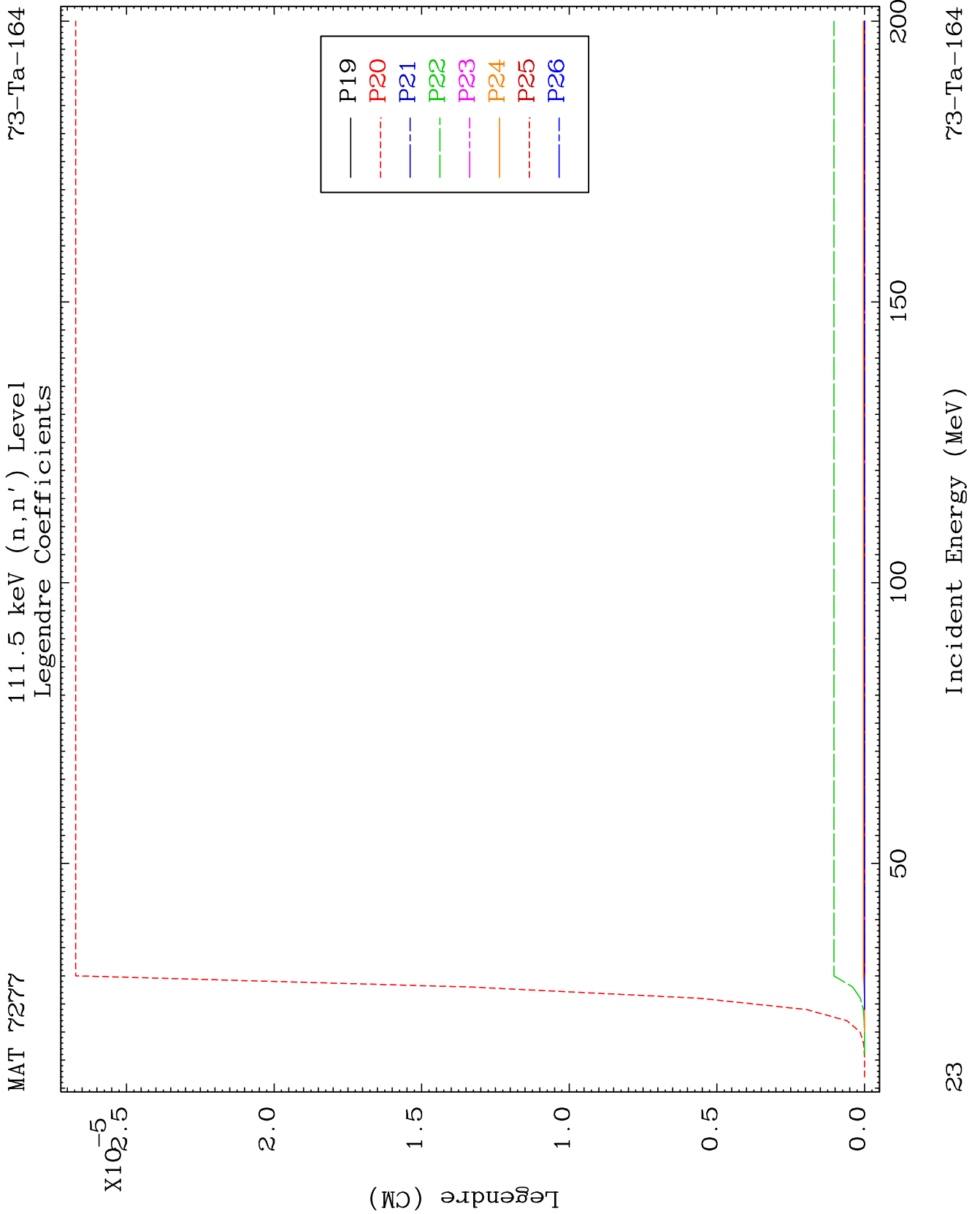
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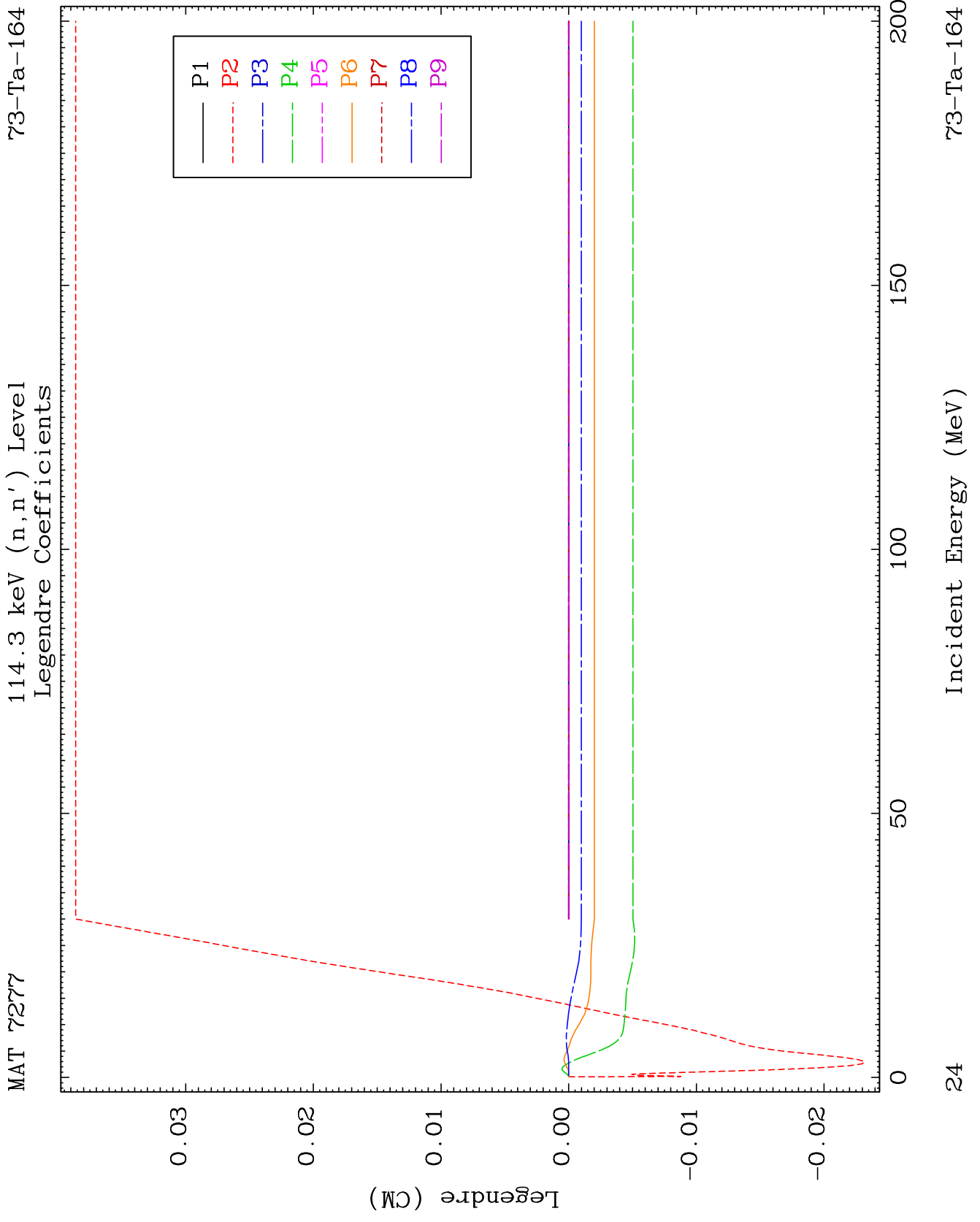
Incident Energy (MeV)

20





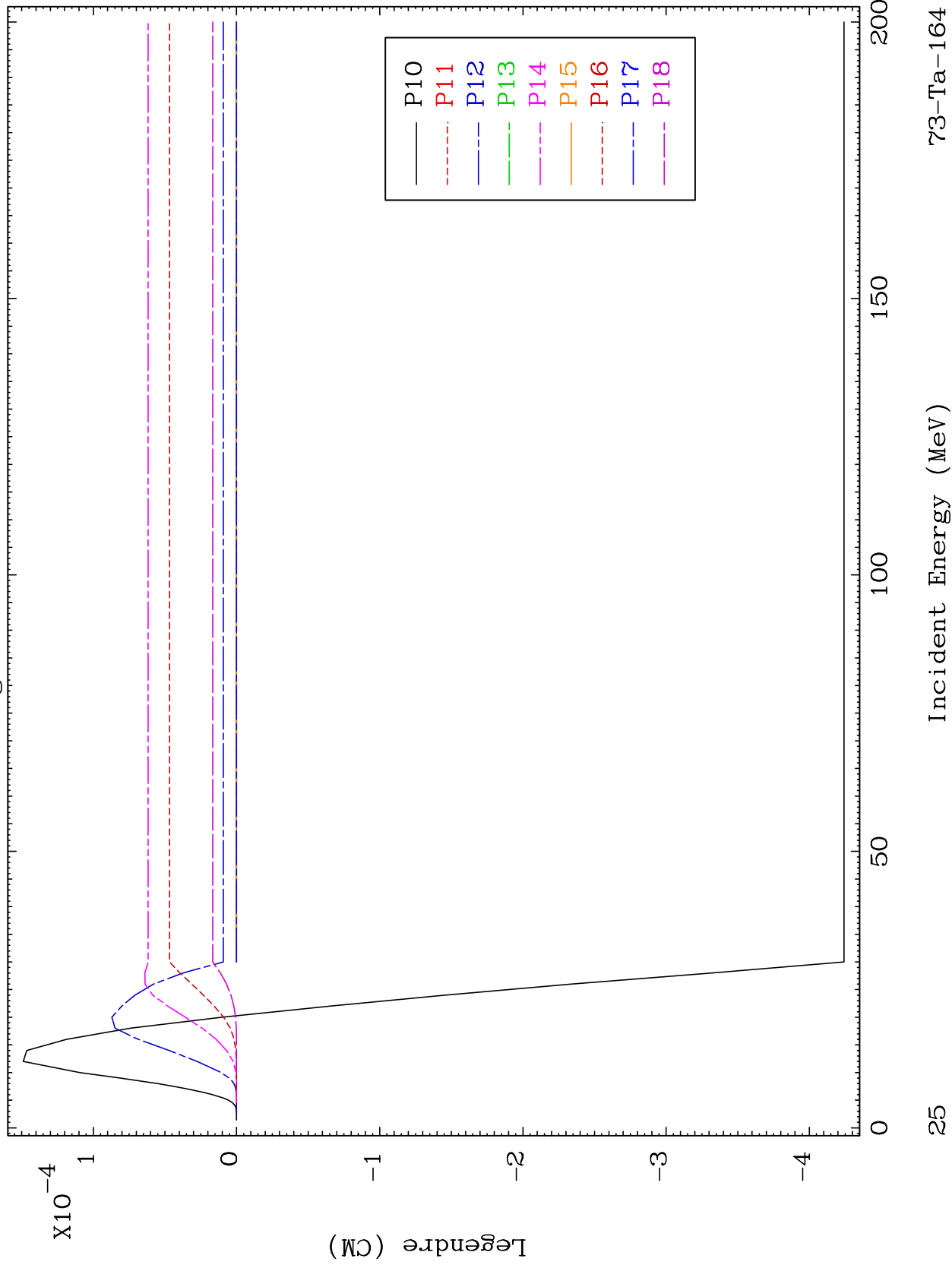




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114.3 keV (n, n') Level
Legendre Coefficients

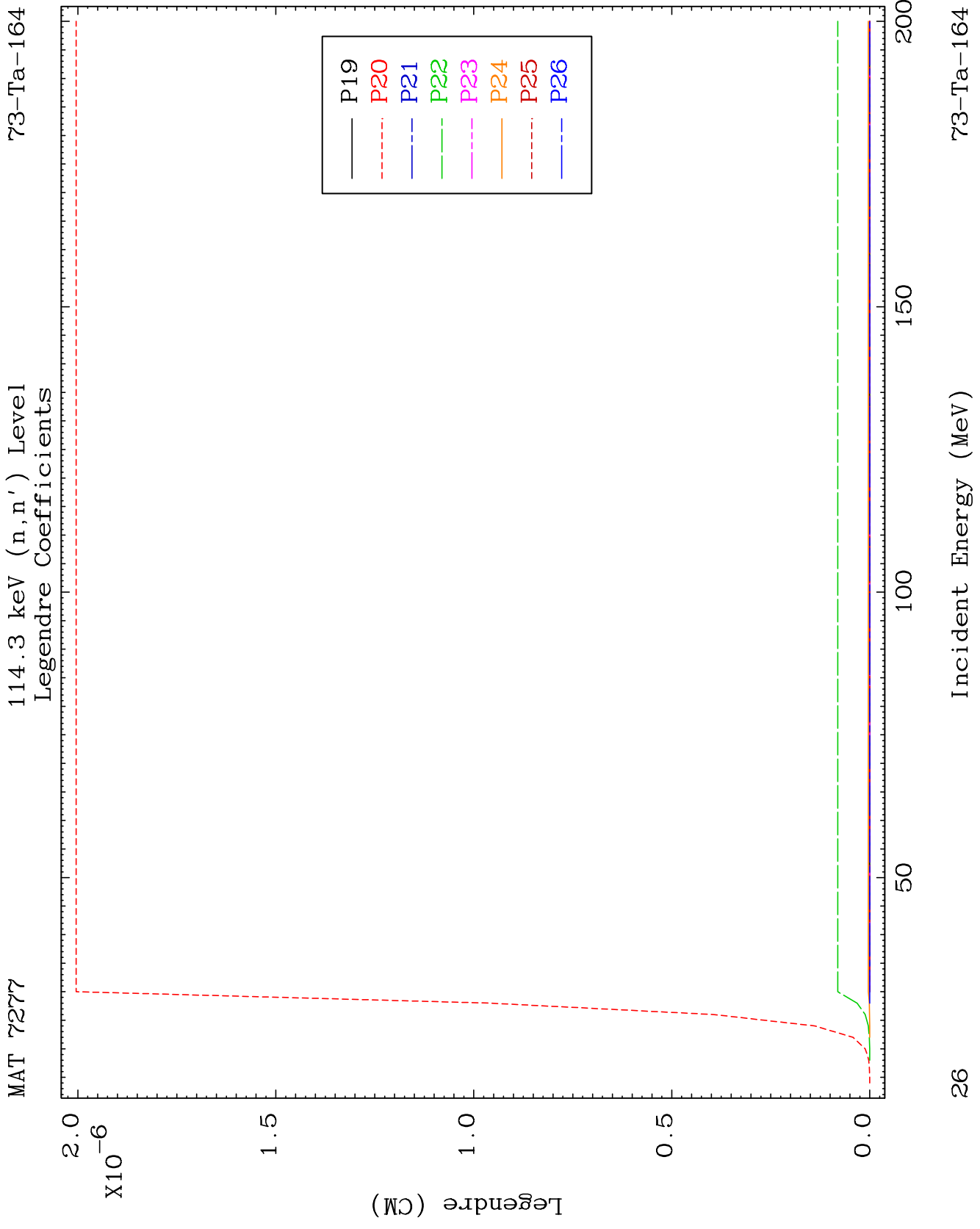
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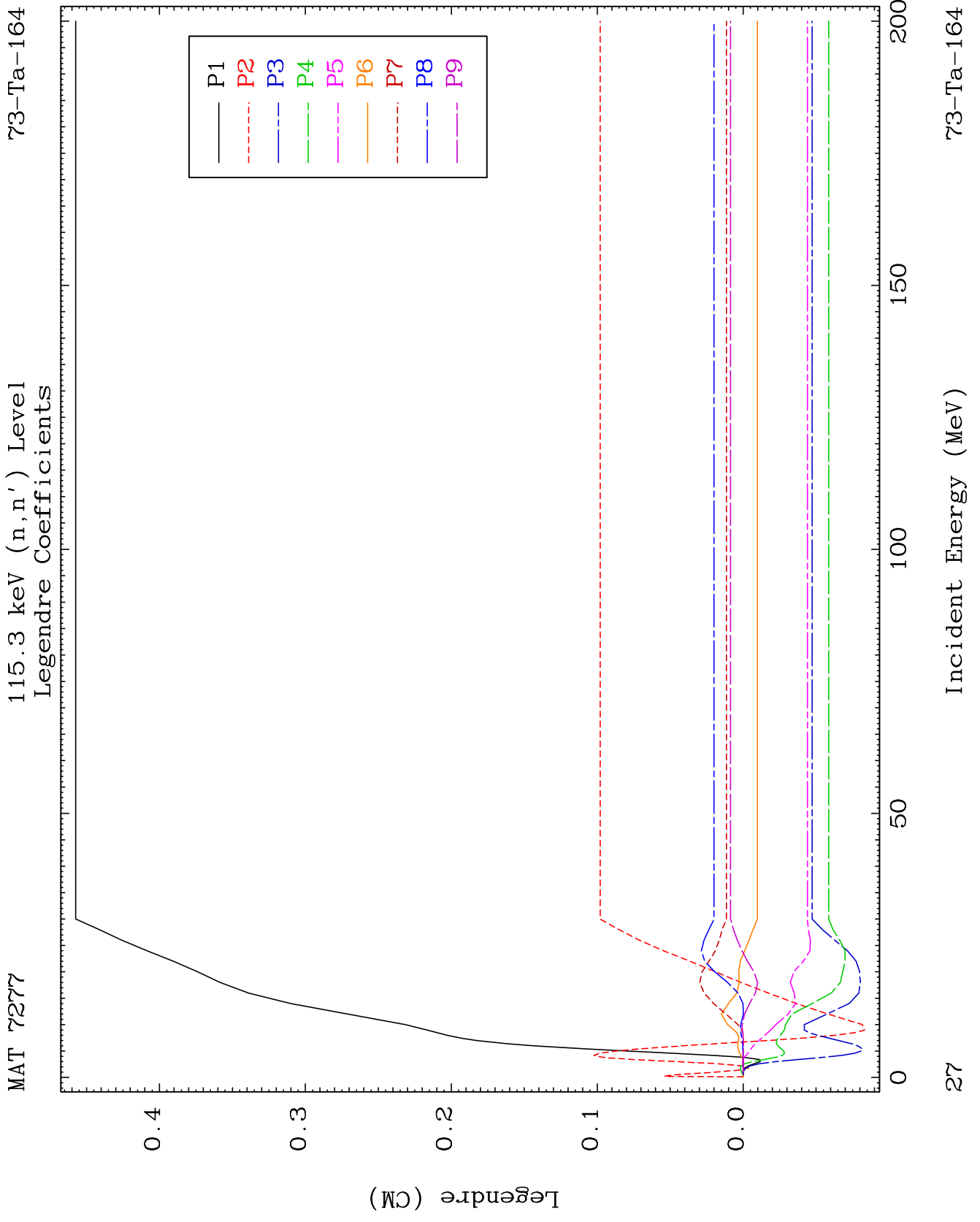


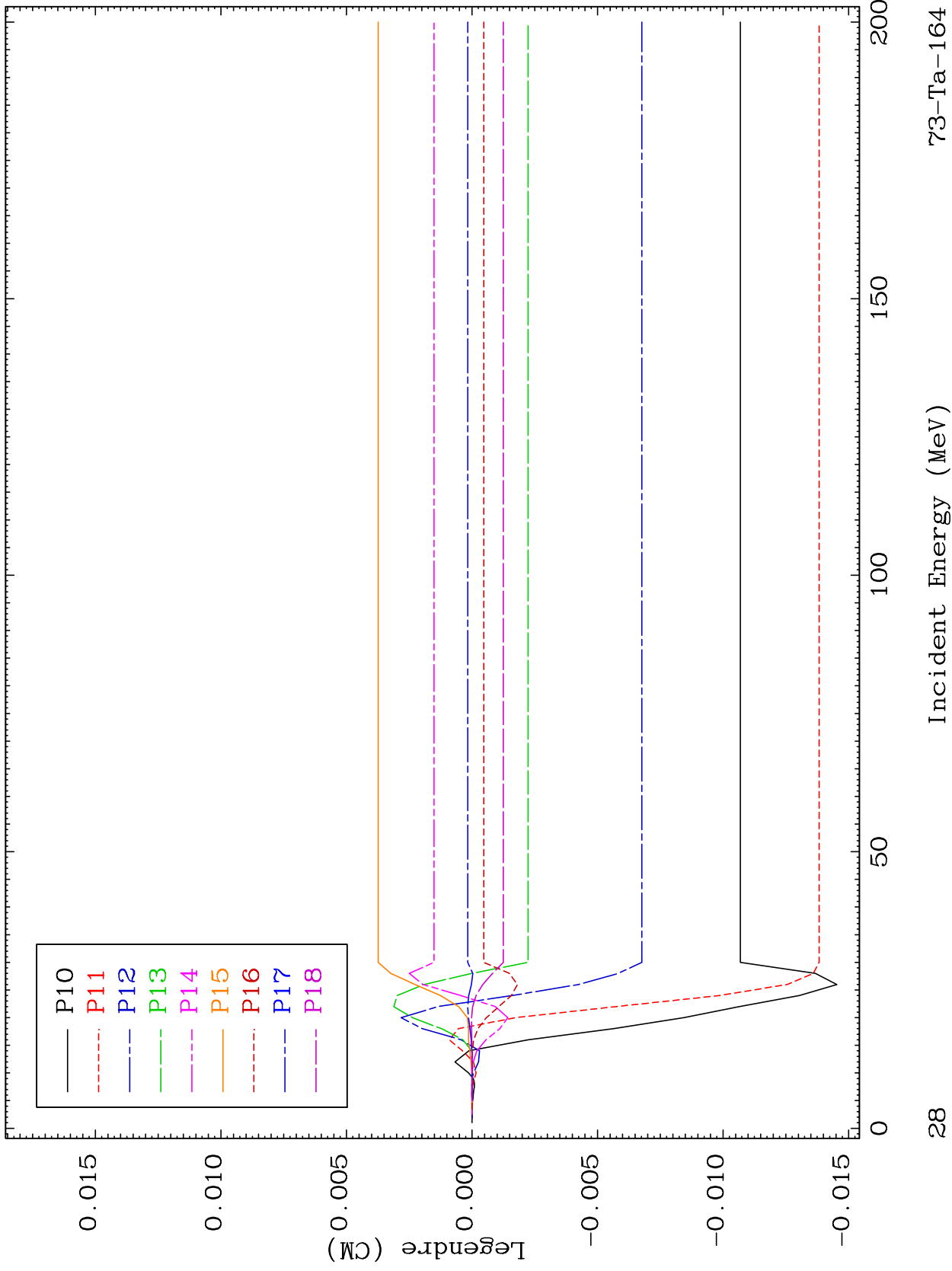
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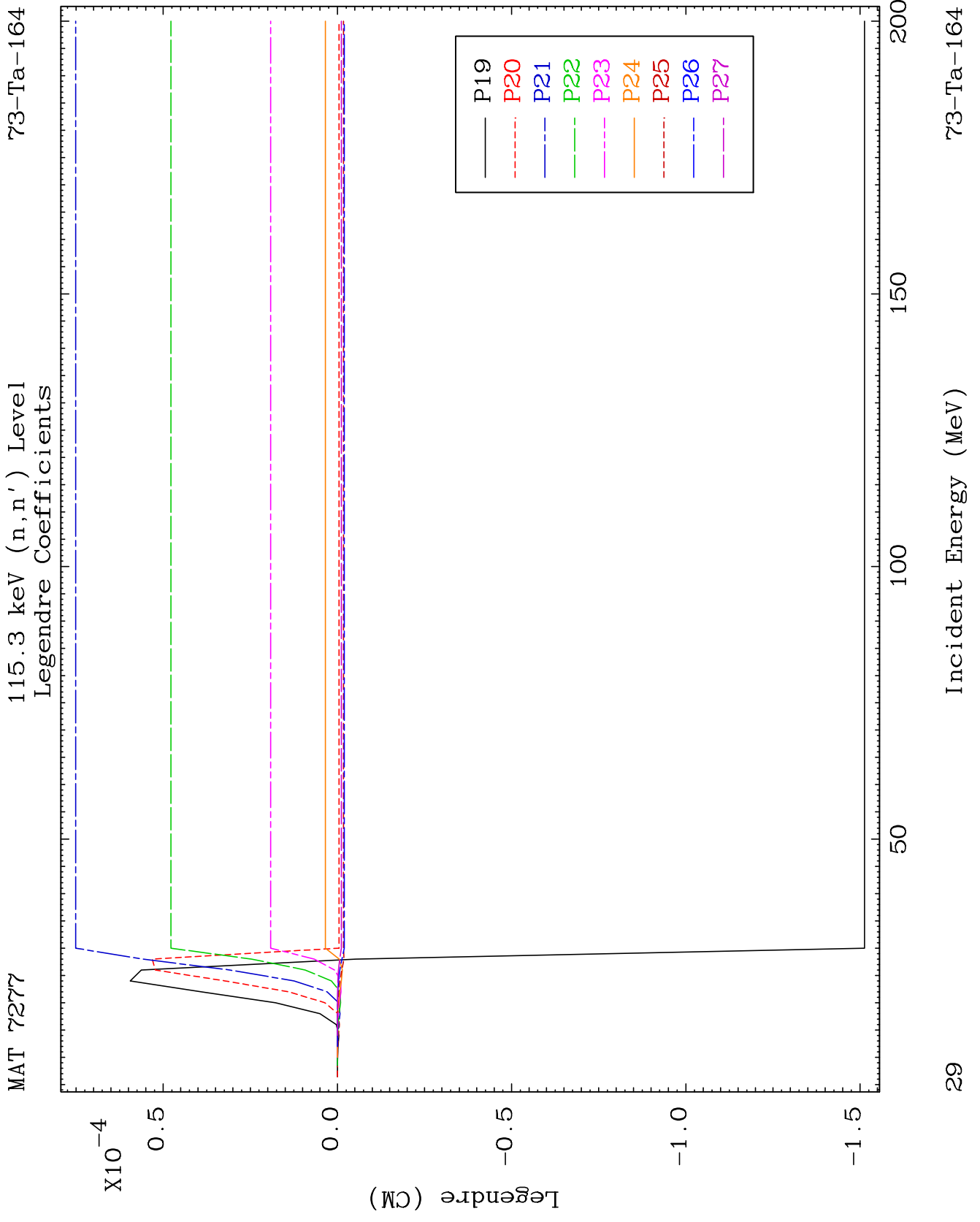
Incident Energy (MeV)

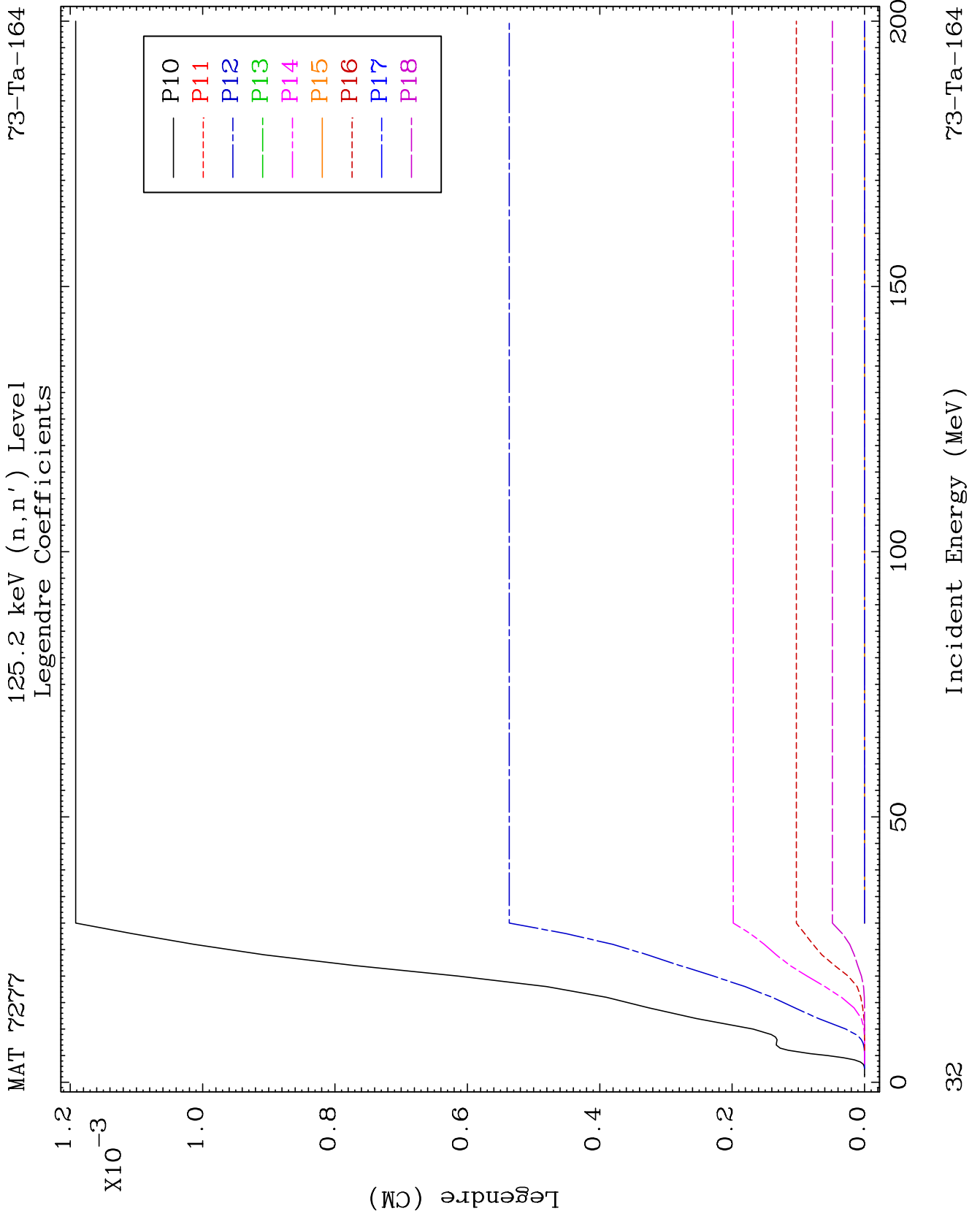
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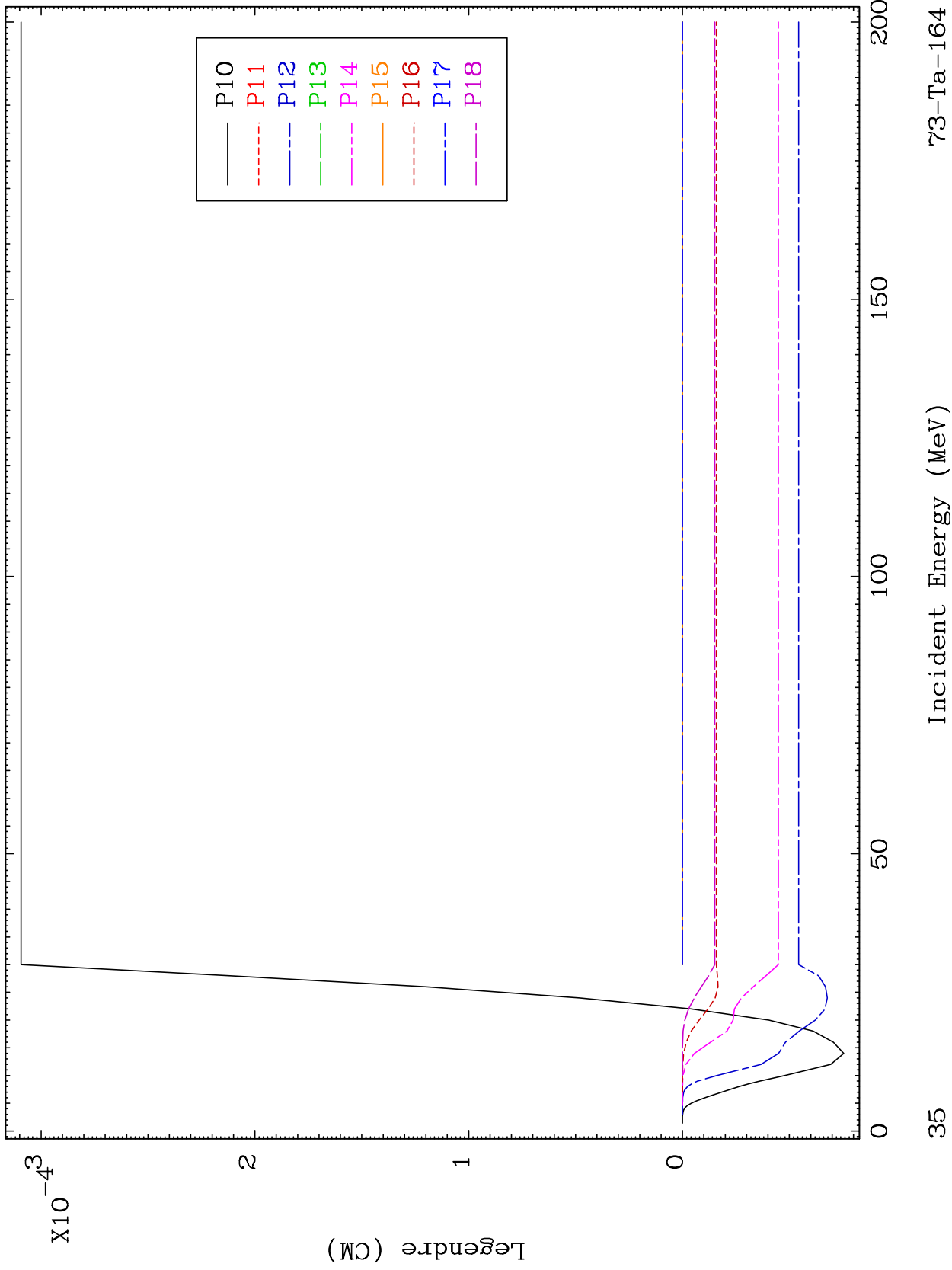




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128.9 keV (n,n') Level
Legendre Coefficients

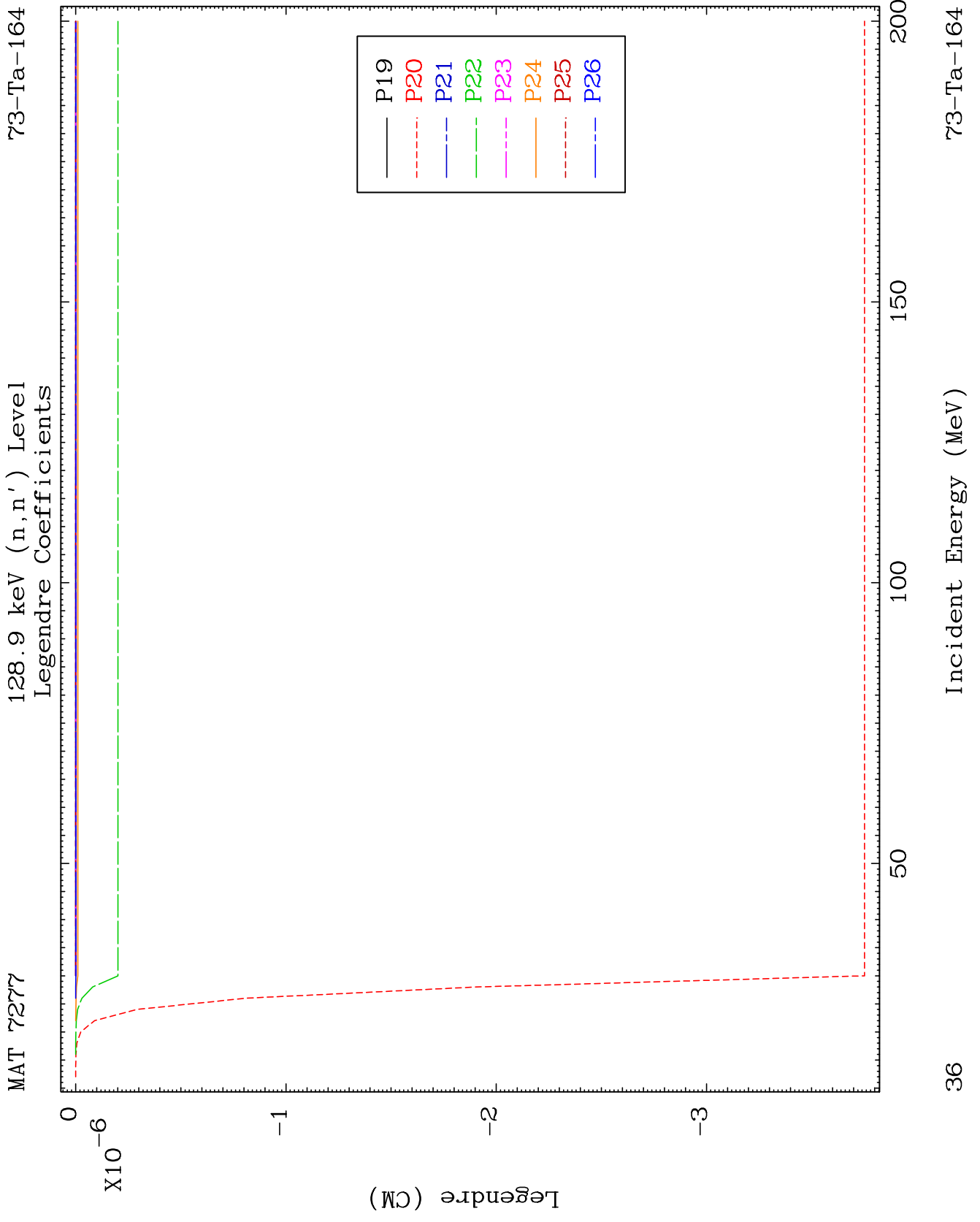
73-Ta-164



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Incident Energy (MeV)

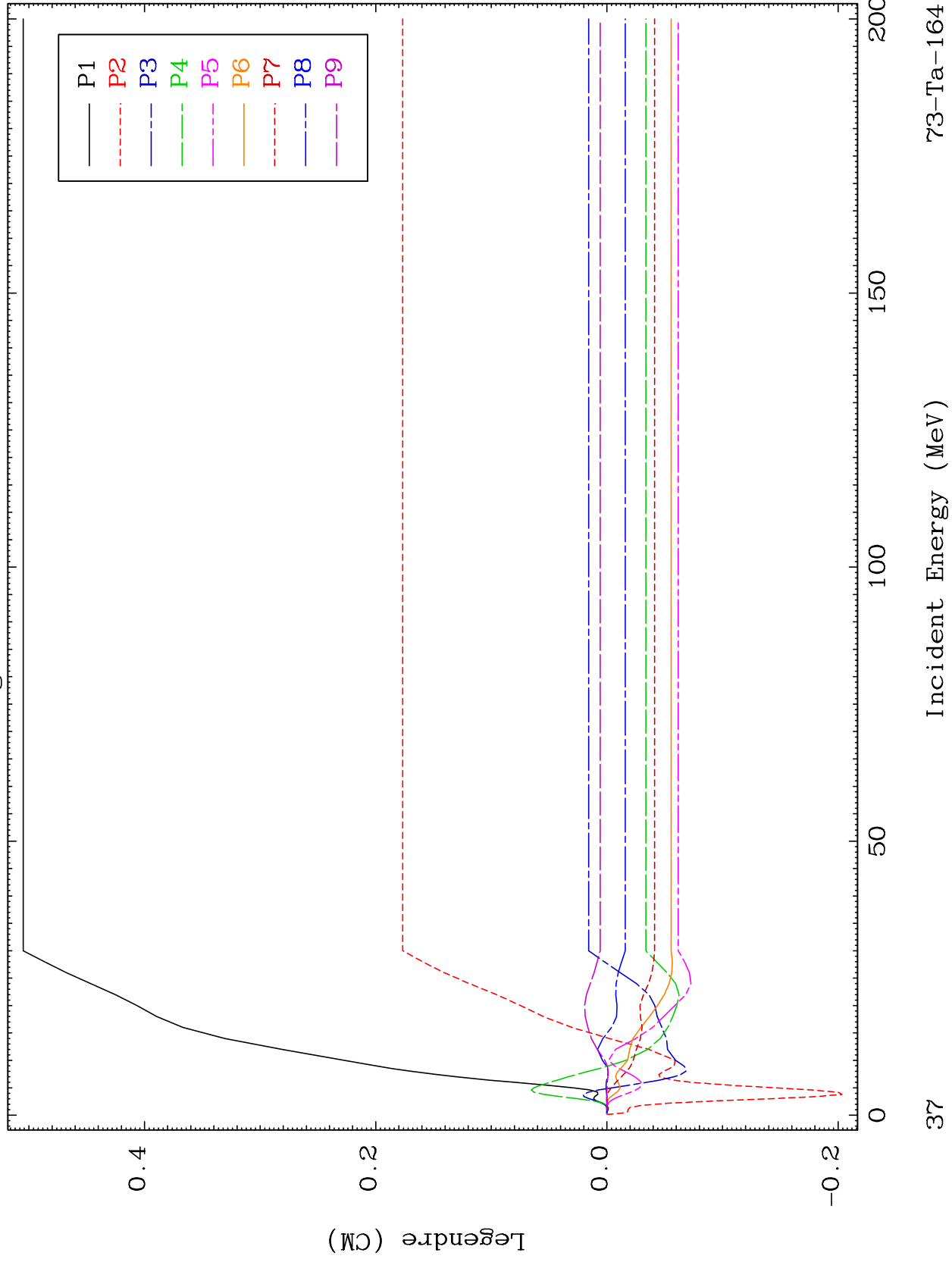
73-Ta-164



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137.0 keV (n,n') Level
Legendre Coefficients

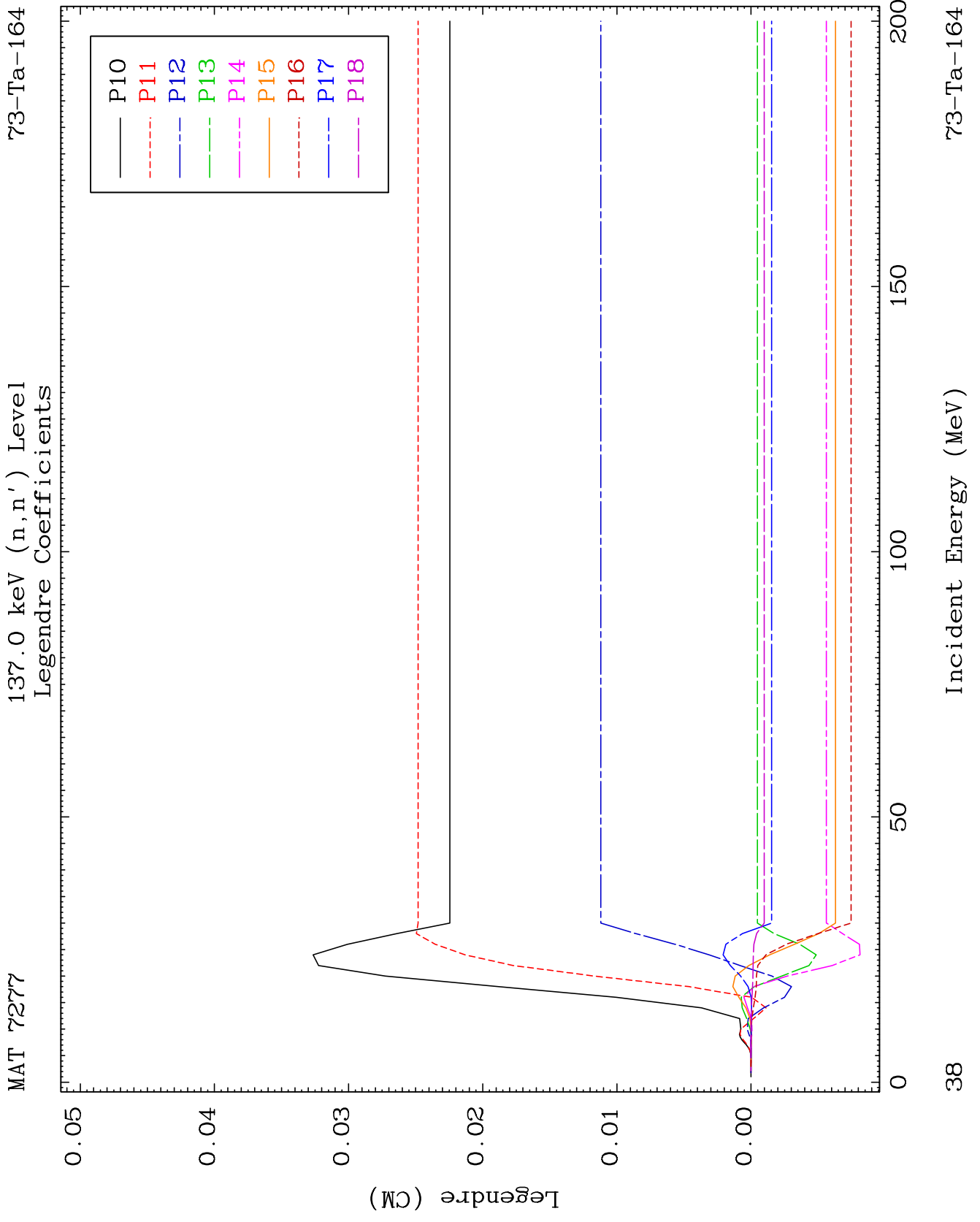
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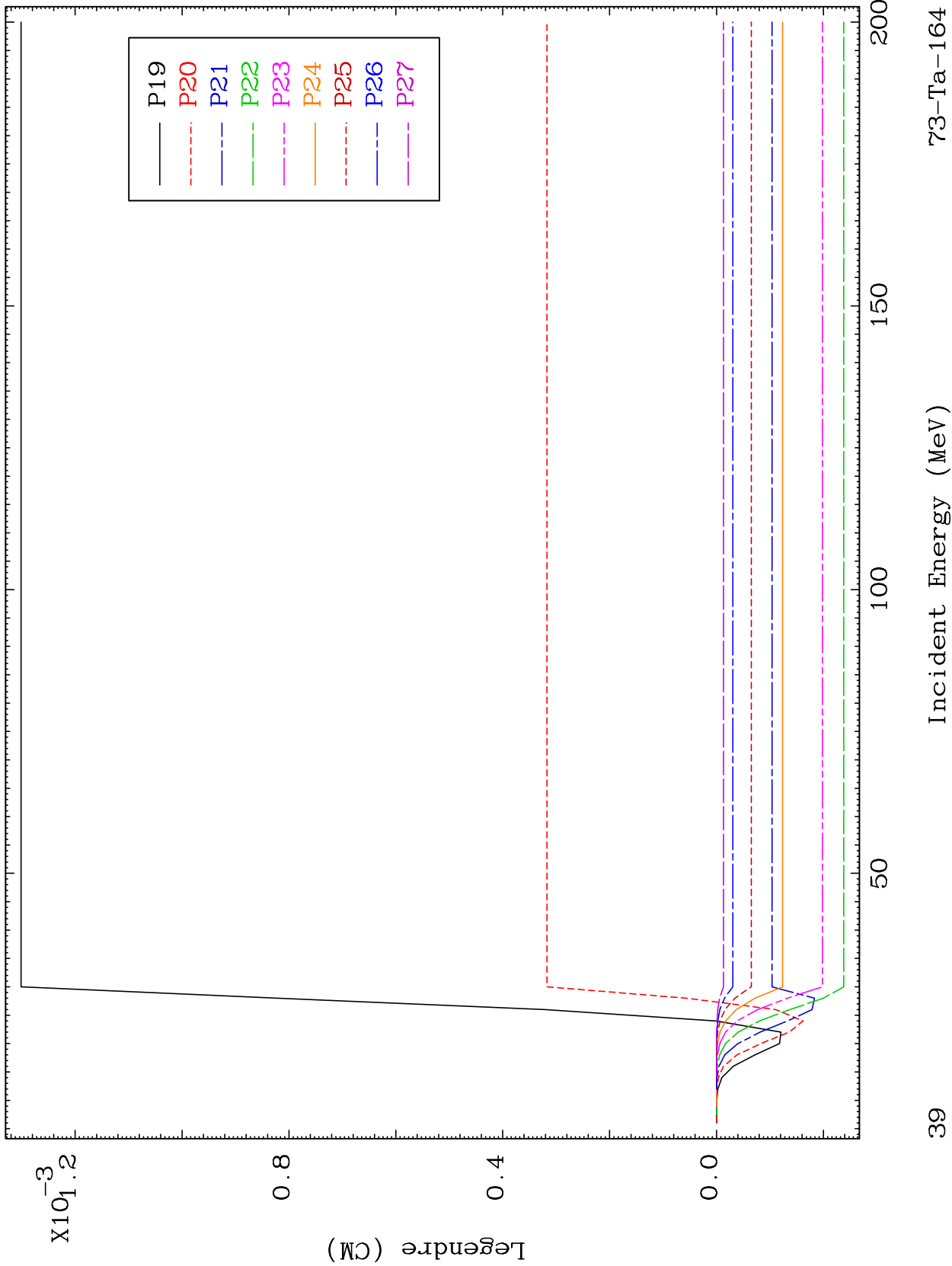


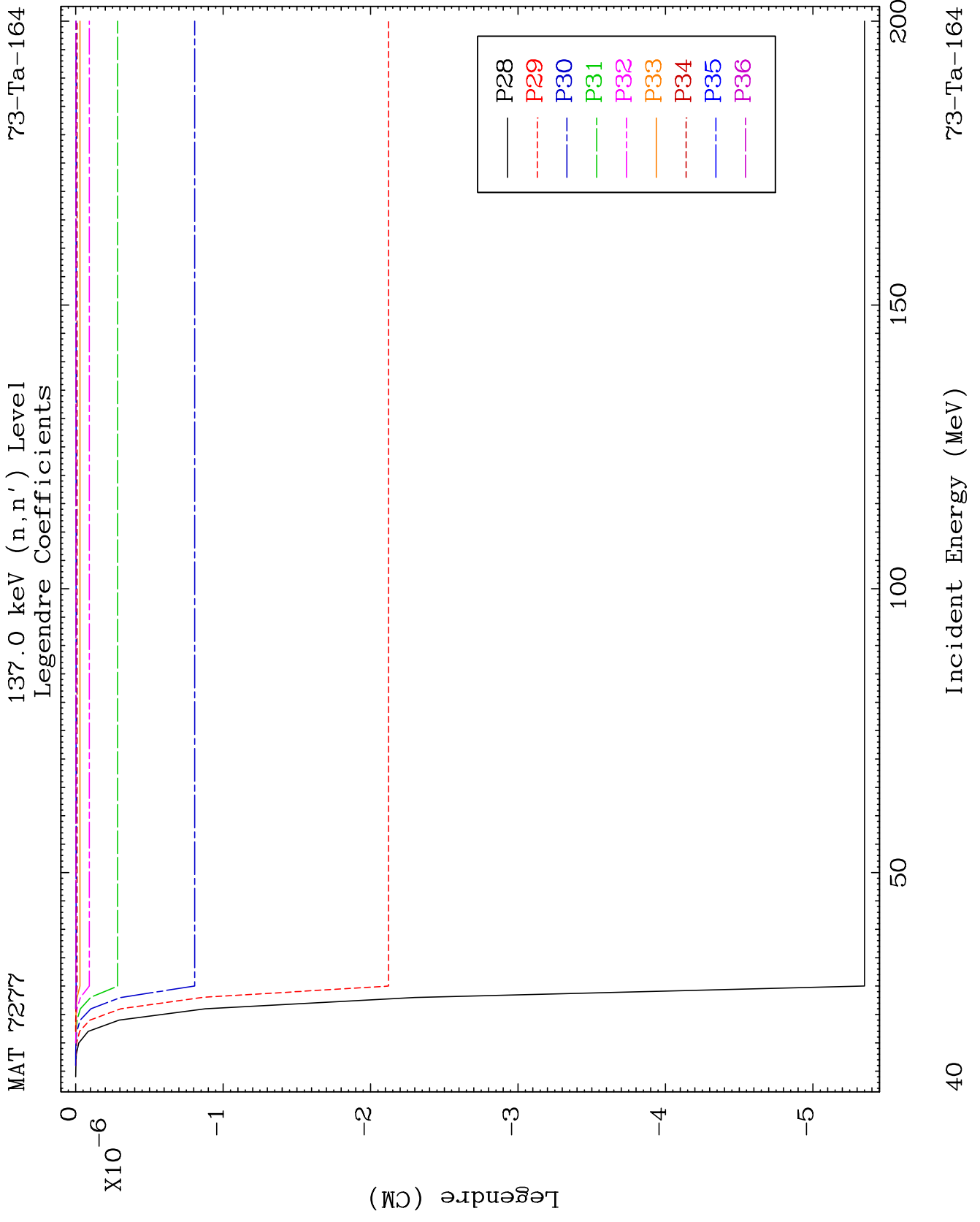
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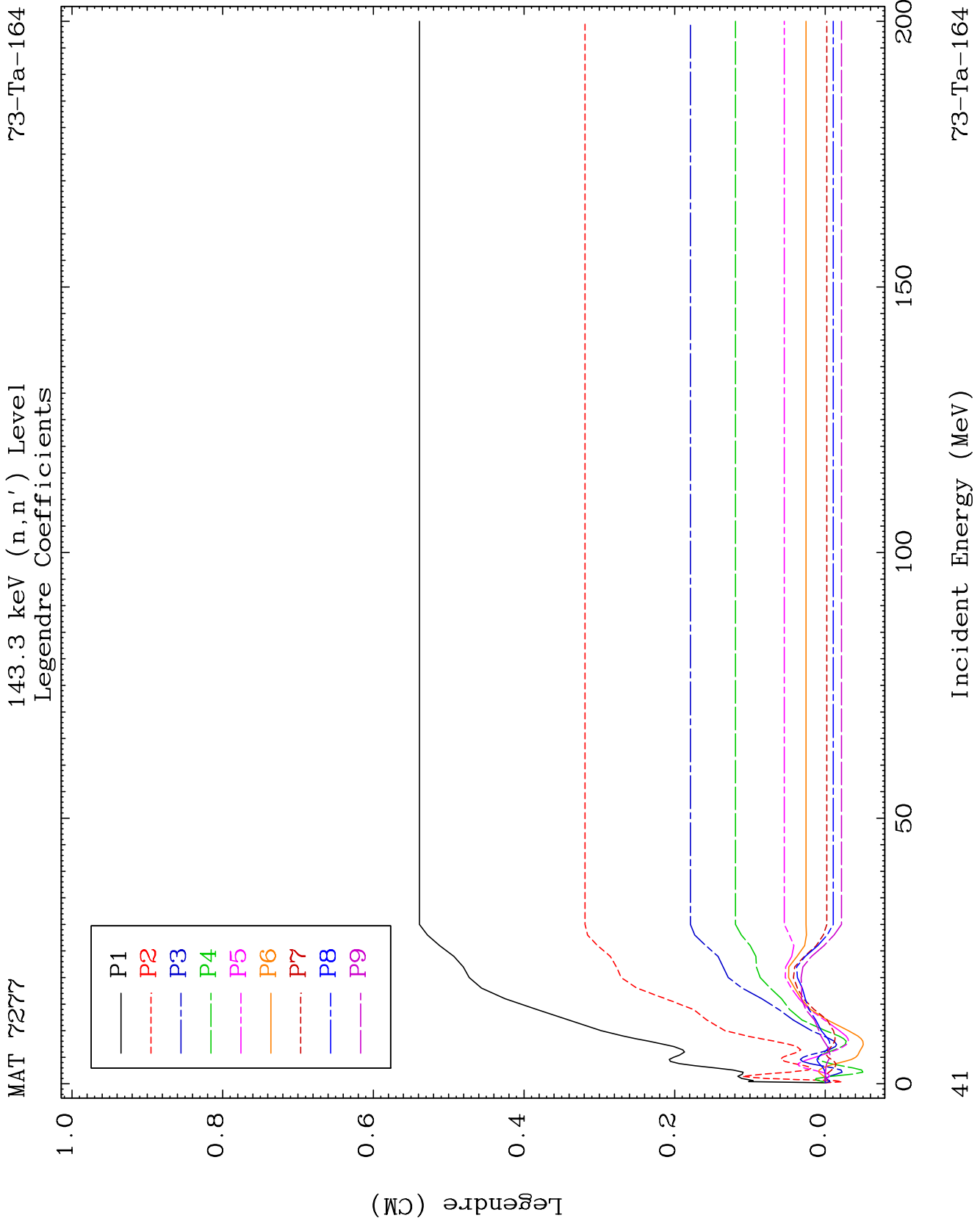
Incident Energy (MeV)

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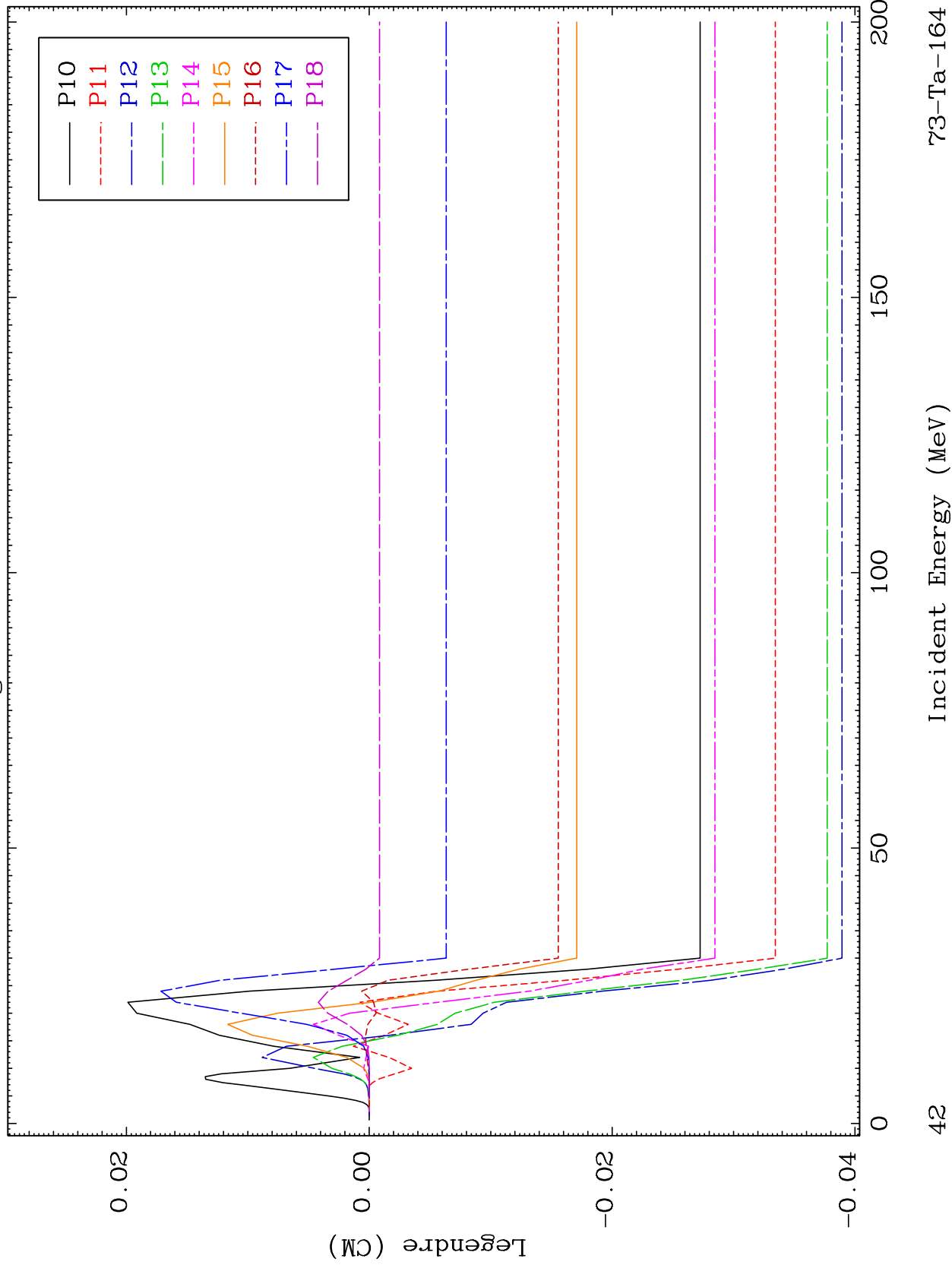




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143.3 keV (n,n') Level
Legendre Coefficients

73-Ta-164



42

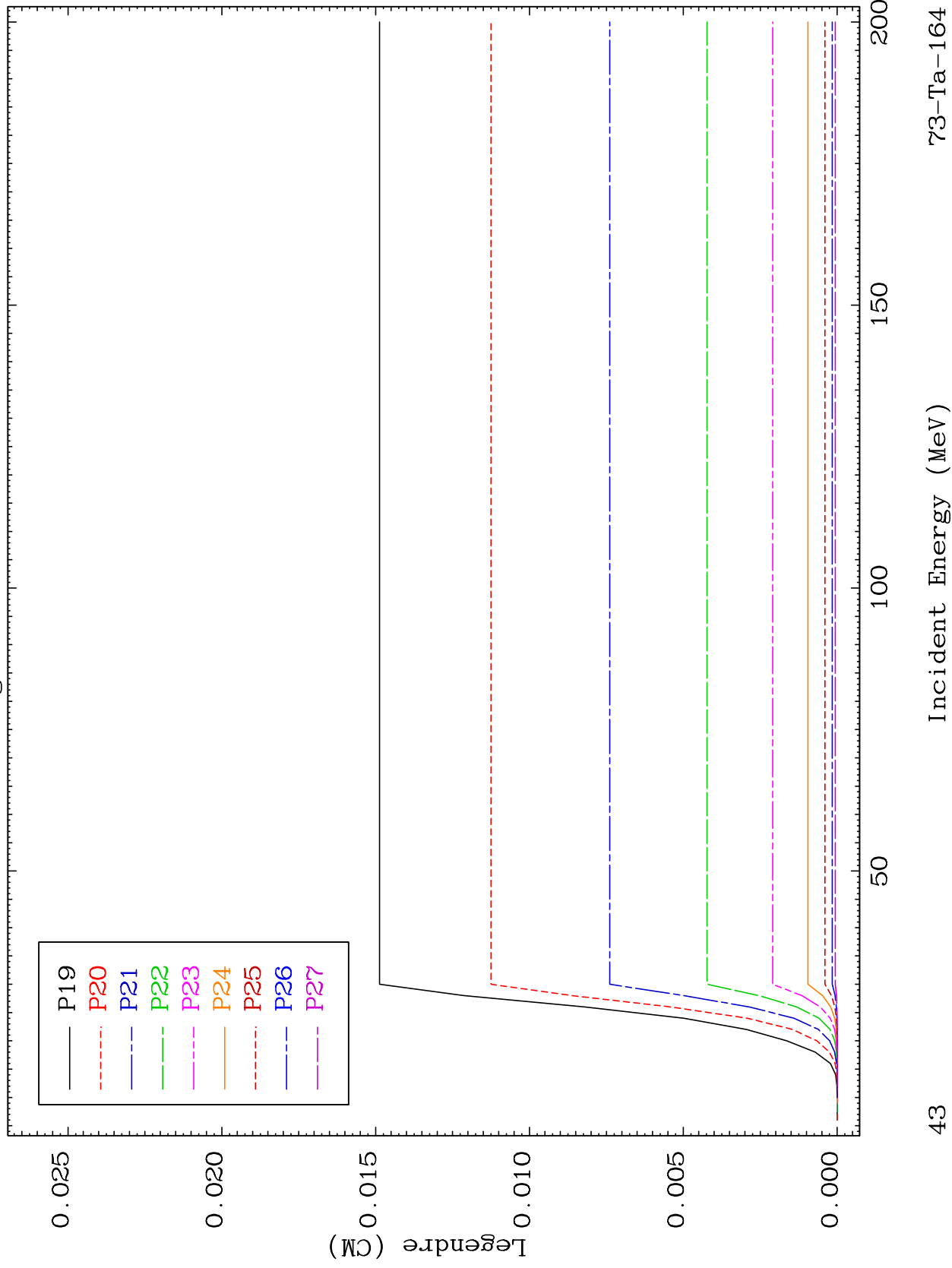
Incident Energy (MeV)

73-Ta-164

MAT 7277

143.3 keV (n,n') Level
Legendre Coefficients

73-Ta-164



43

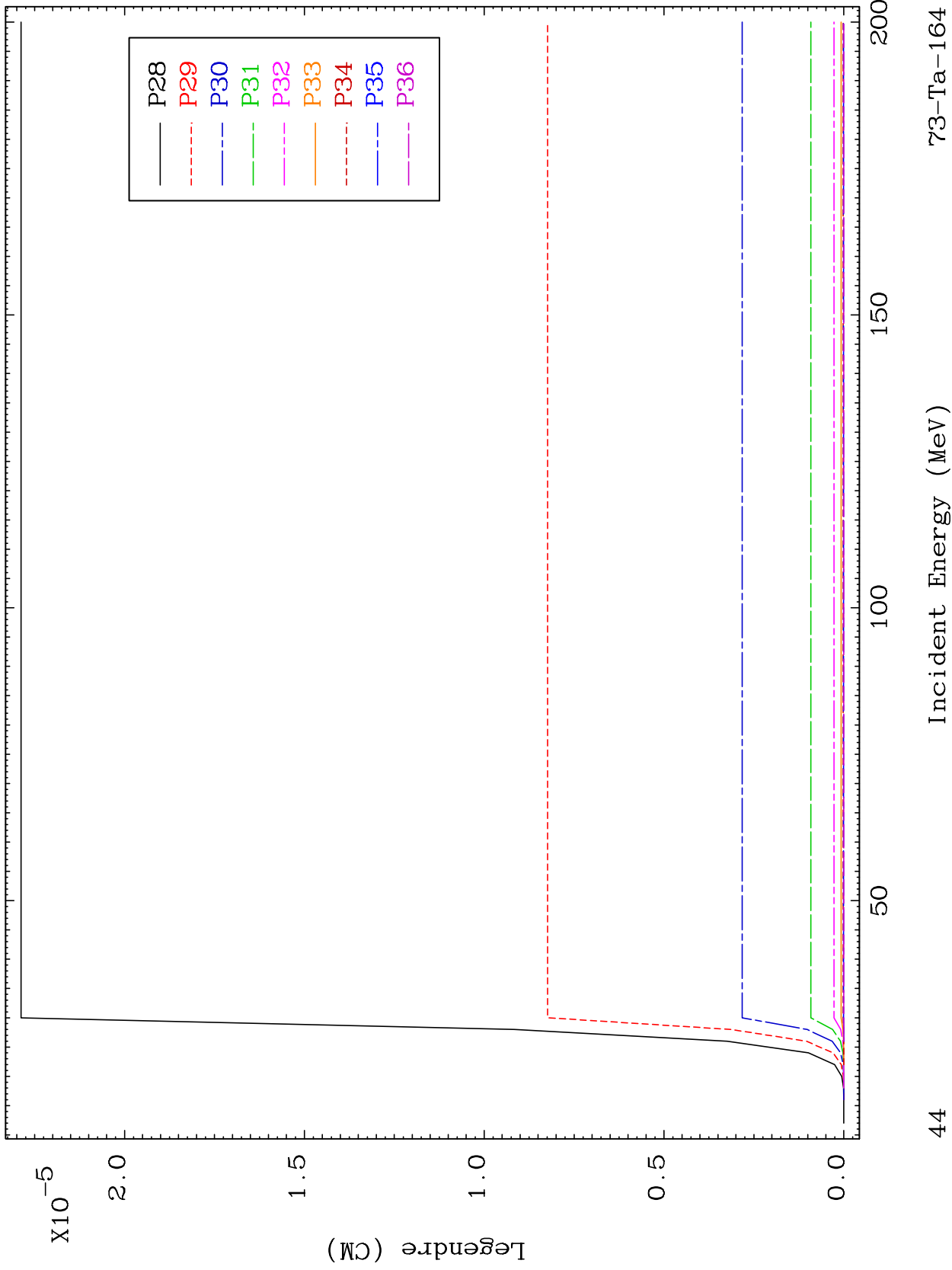
Incident Energy (MeV)

73-Ta-164

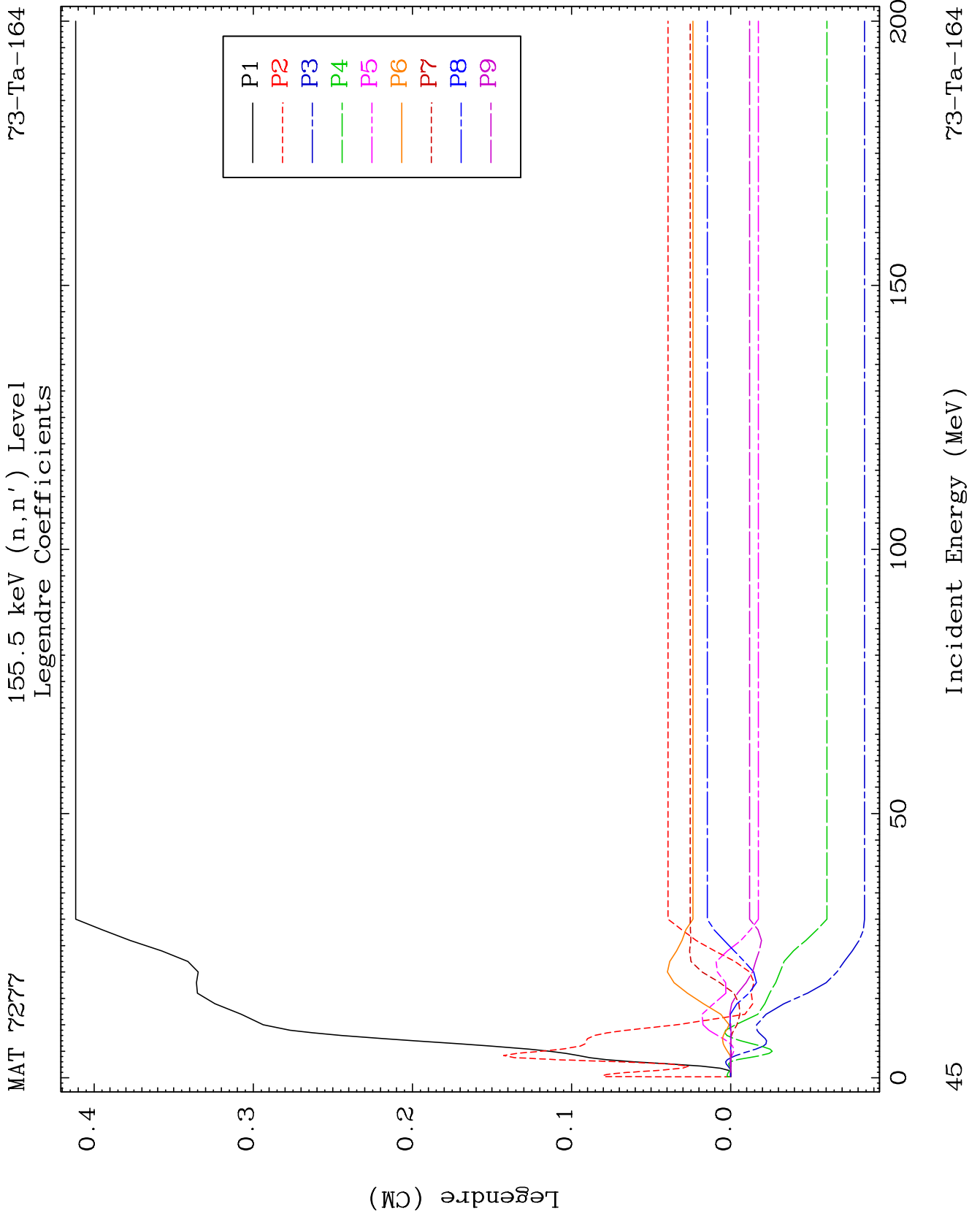
MAT 7277

143.3 keV (n,n') Level
Legendre Coefficients

73-Ta-164



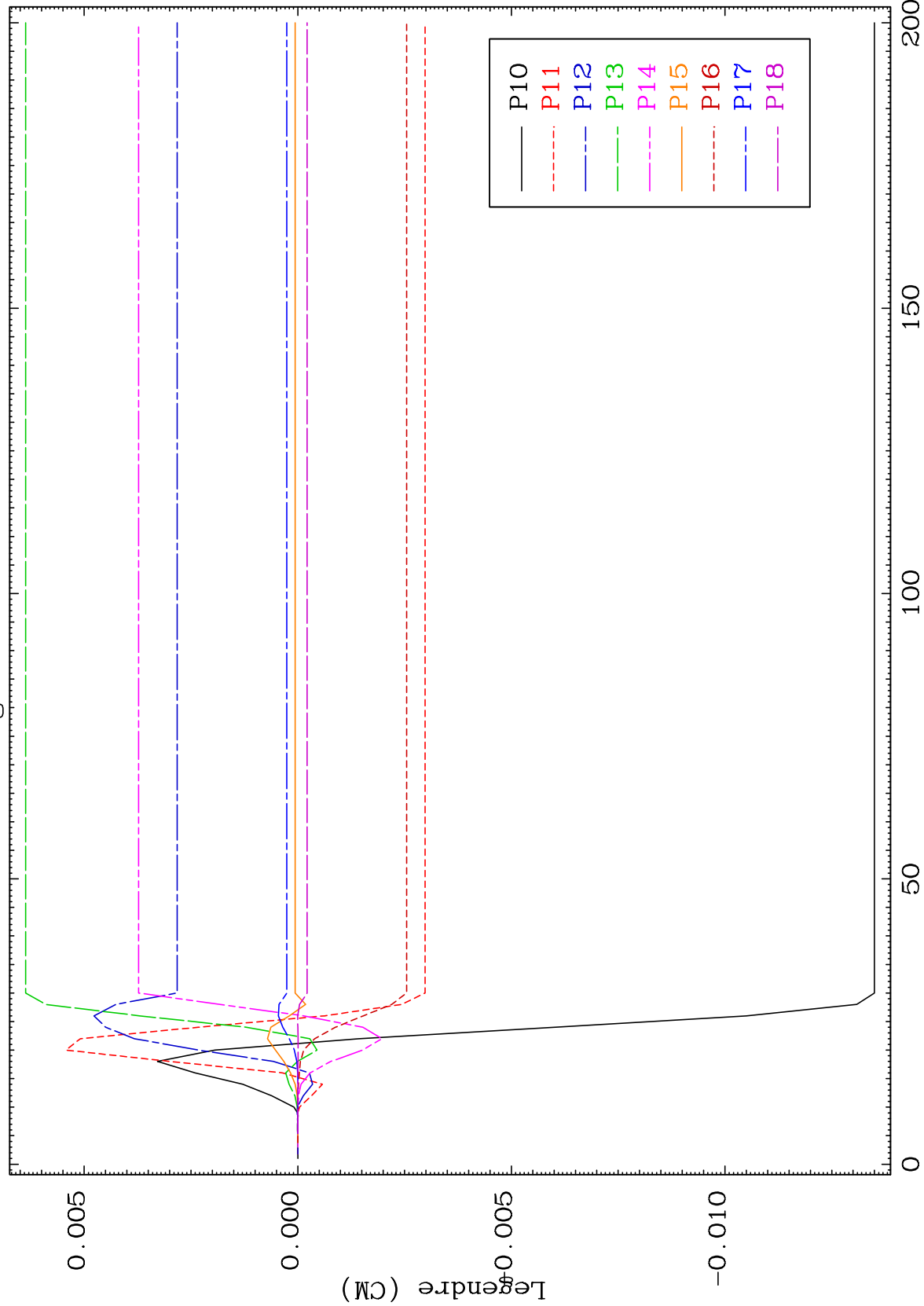
44



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155.5 keV (n,n') Level
Legendre Coefficients

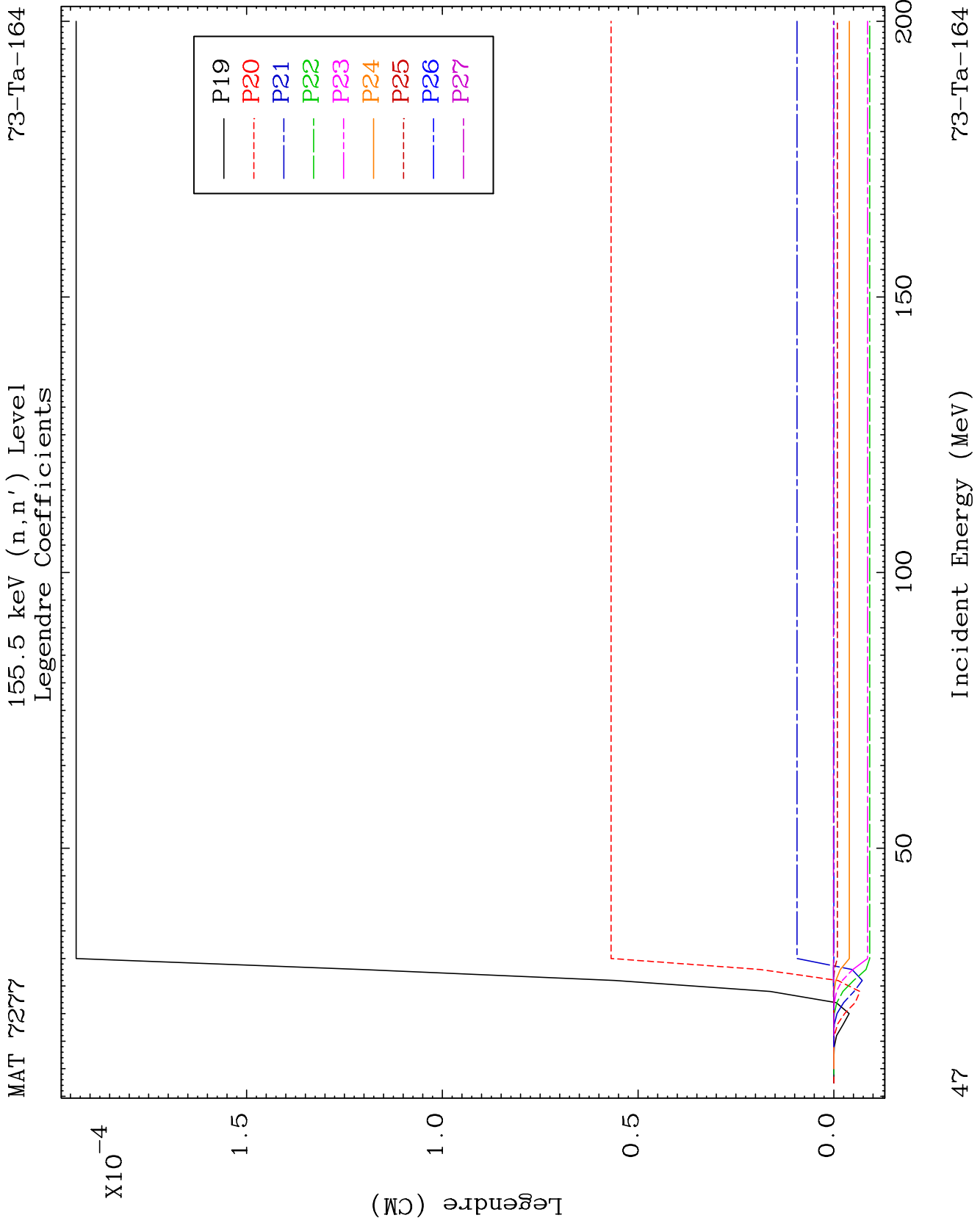
73-Ta-164



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Incident Energy (MeV)

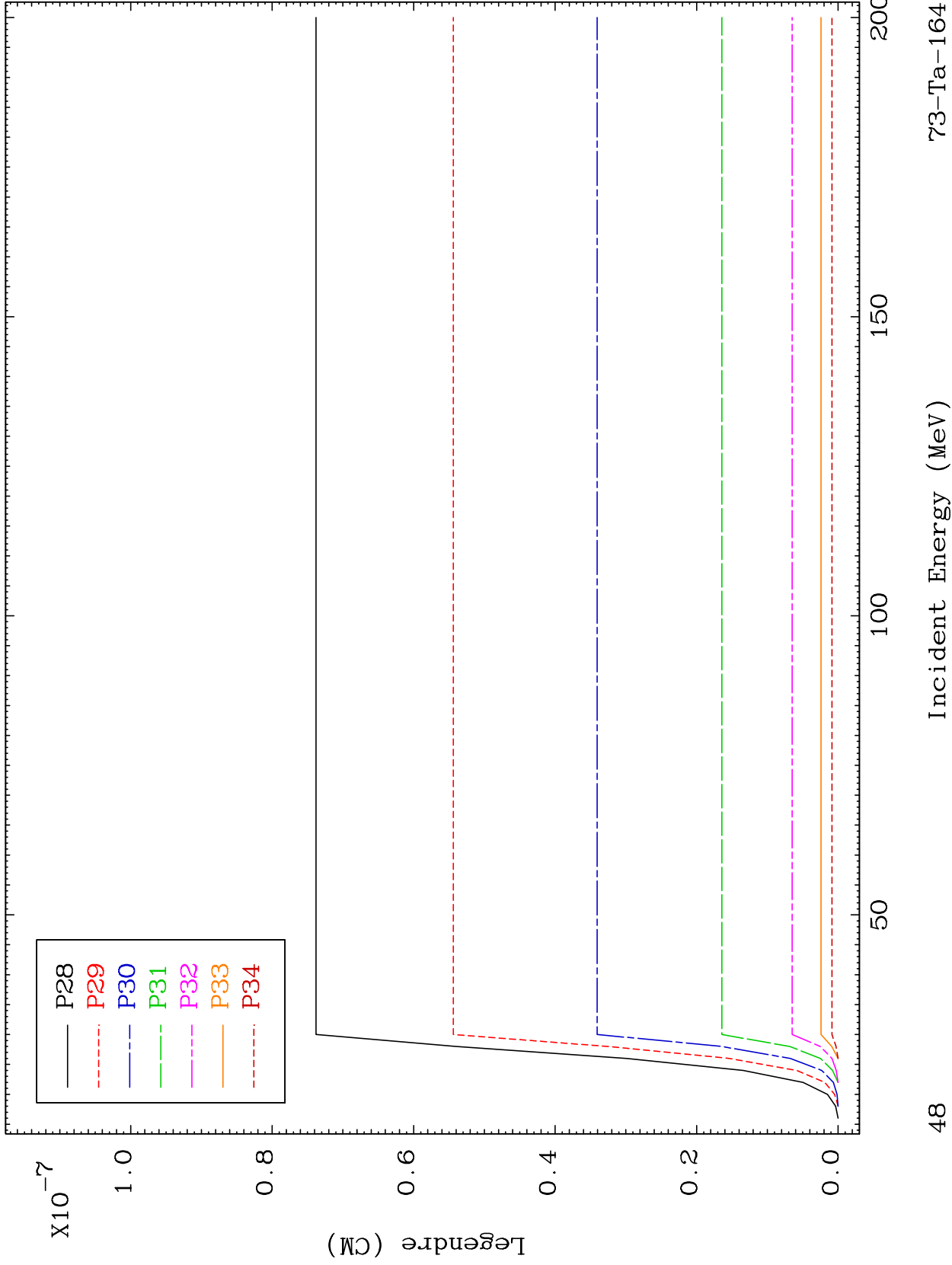
73-Ta-164



MAT 7277

155.5 keV (n,n') Level
Legendre Coefficients

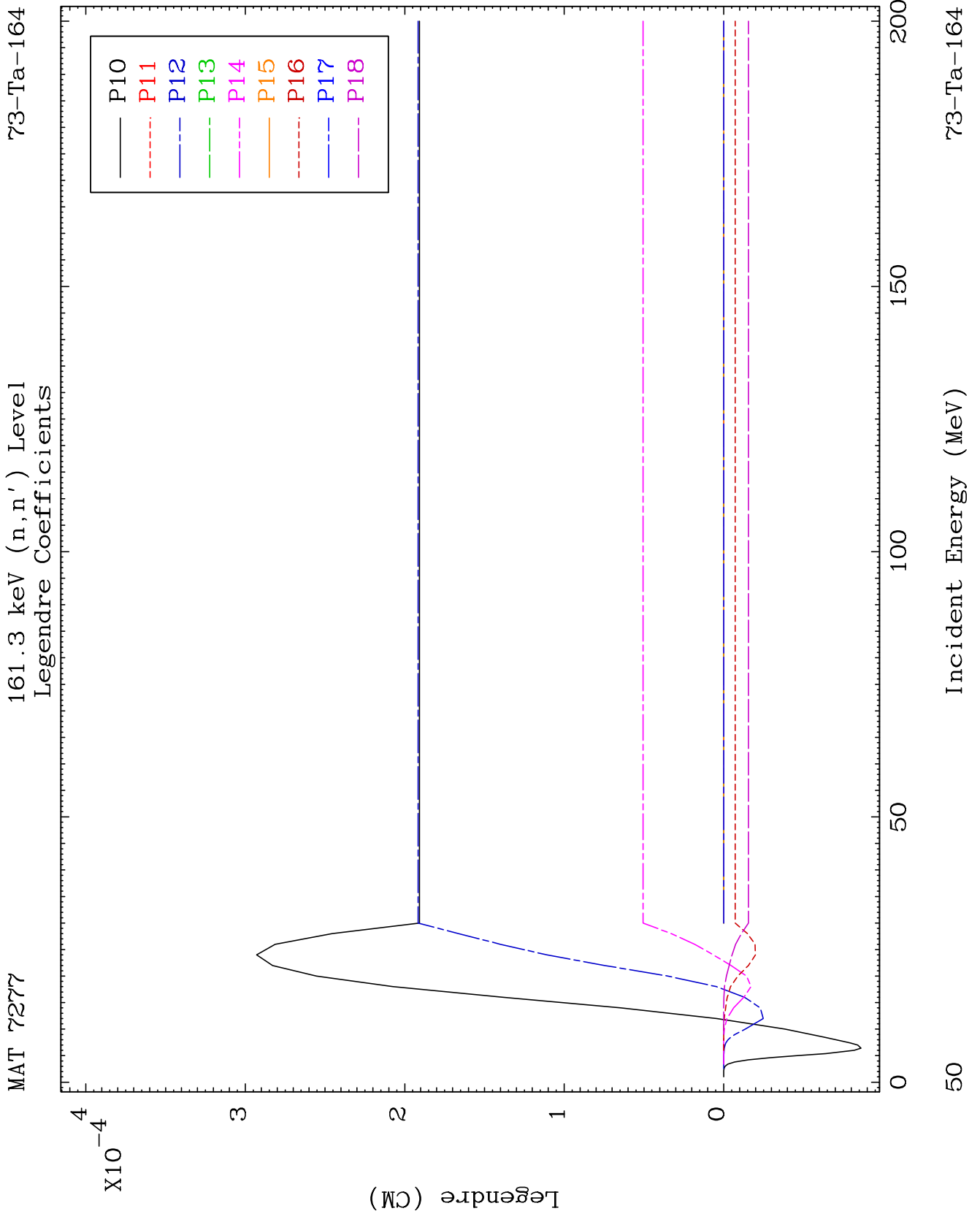
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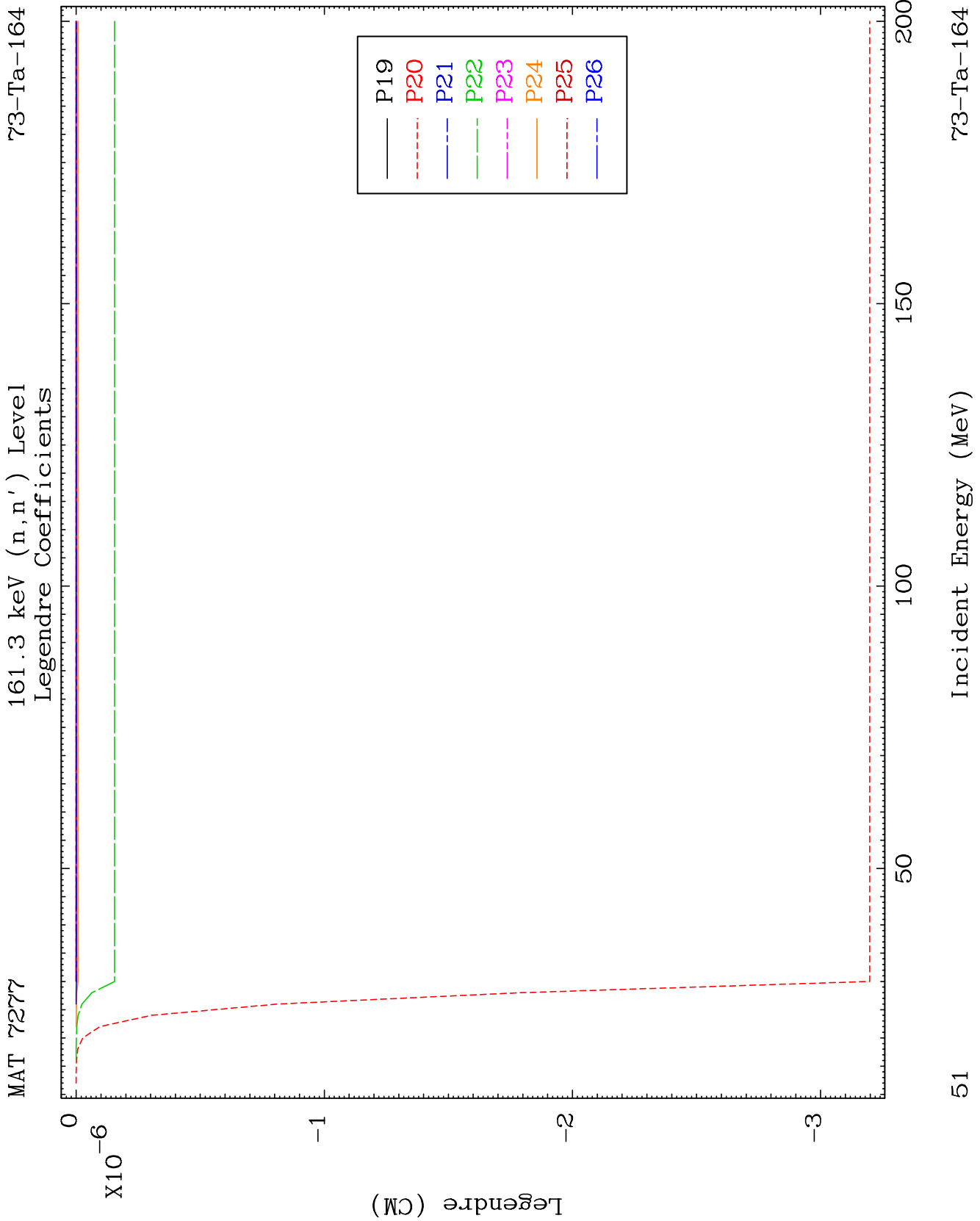


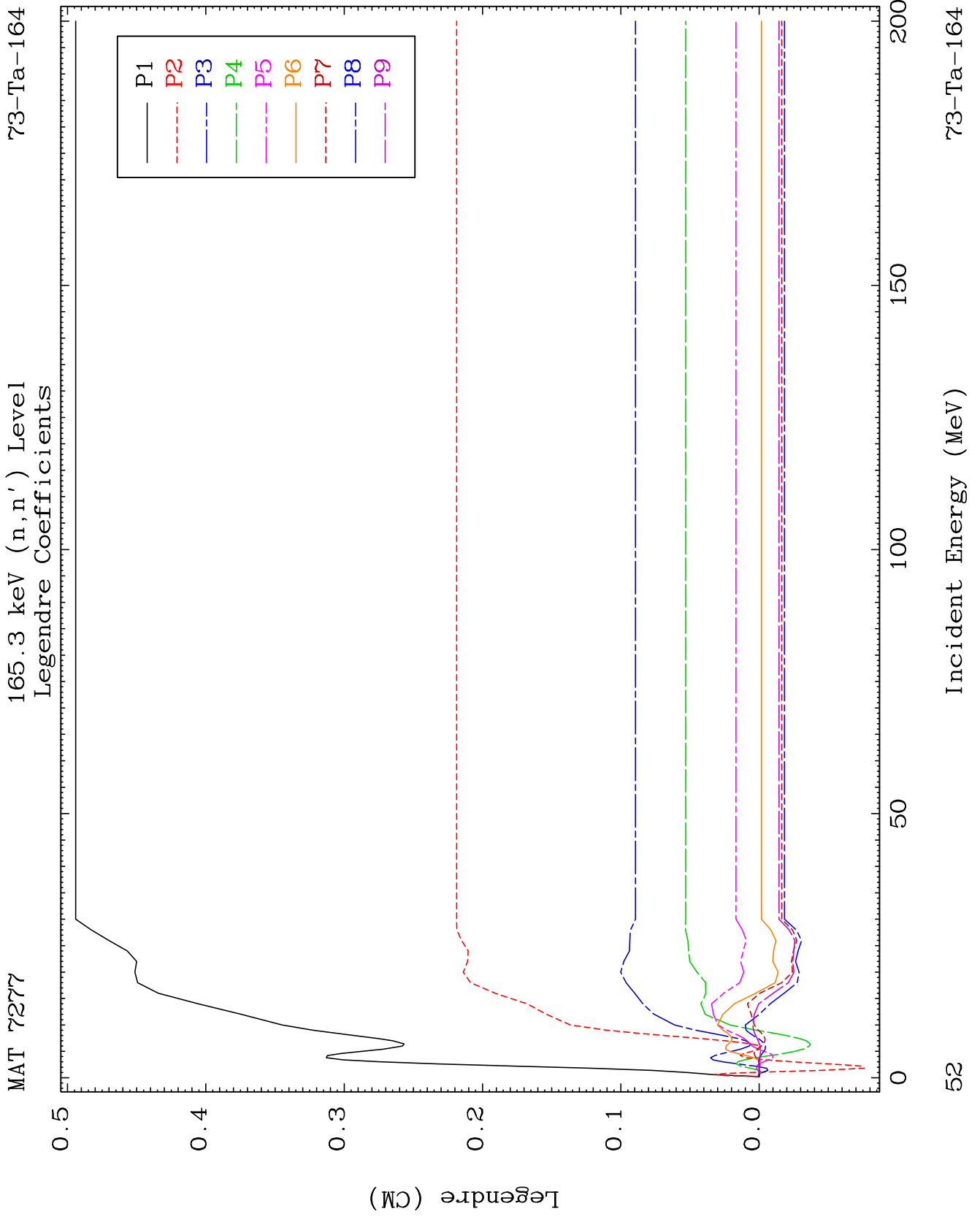
48

Incident Energy (MeV)

73-Ta-164



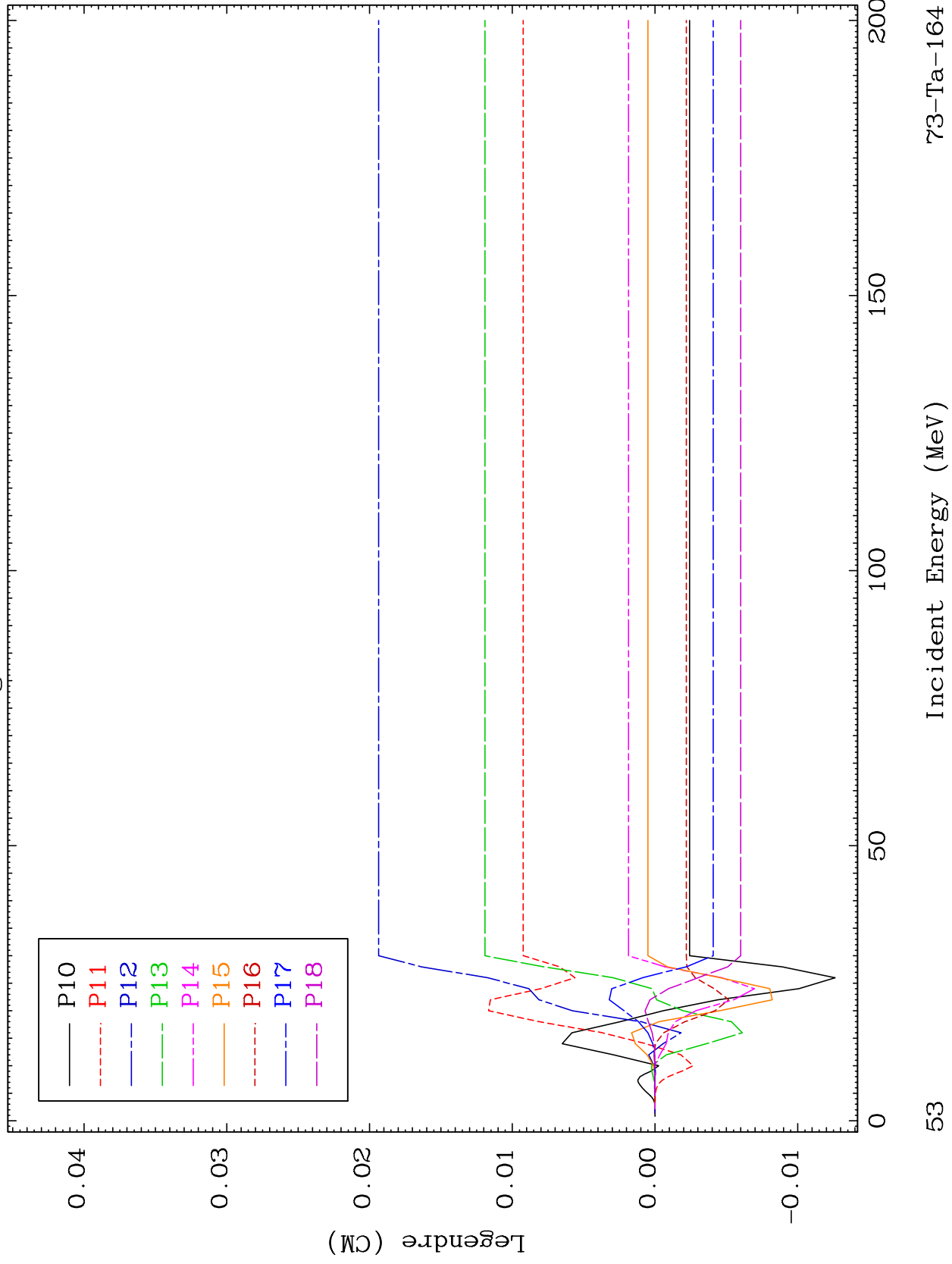




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165.3 keV (n, n') Level
Legendre Coefficients

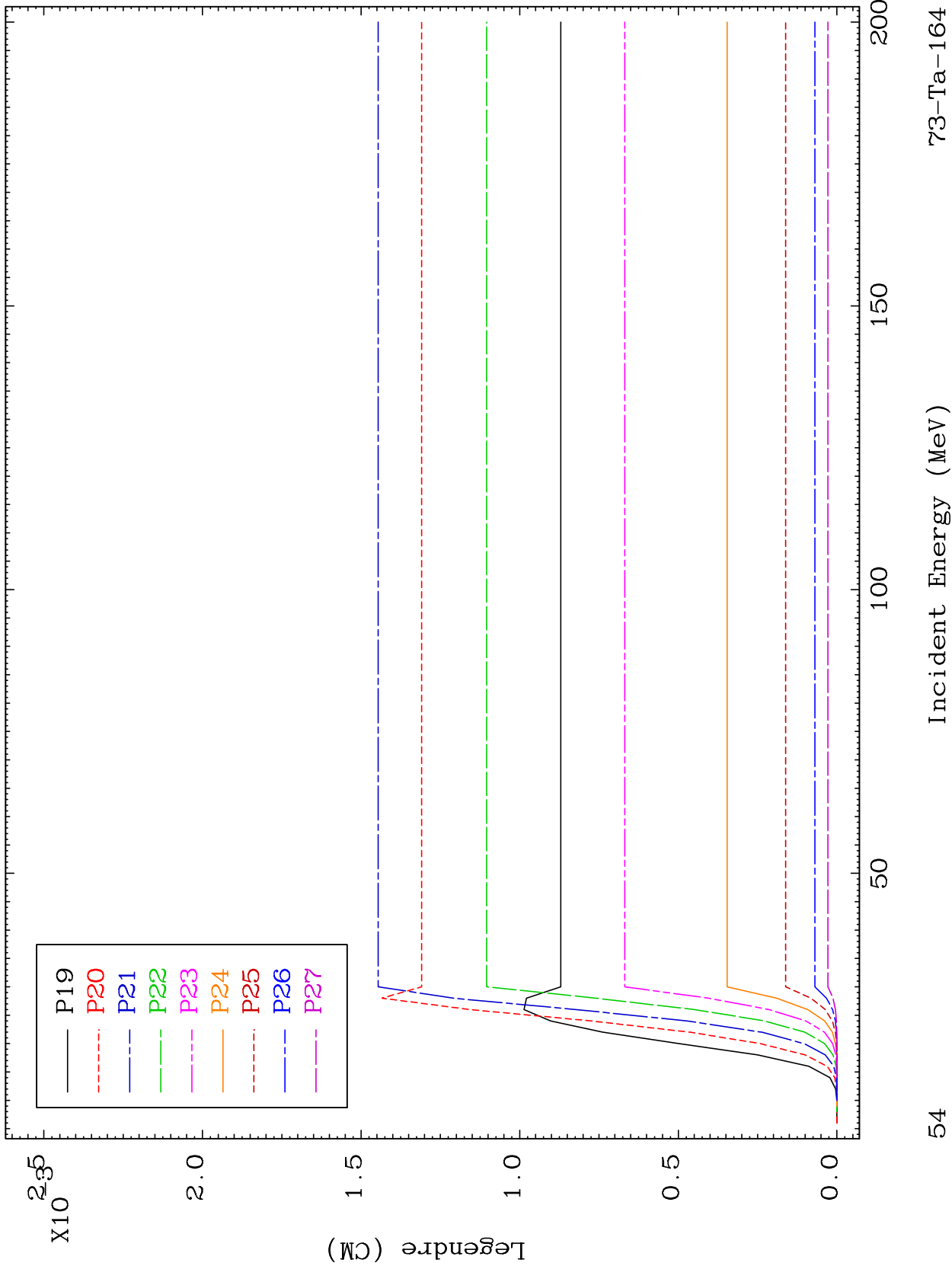
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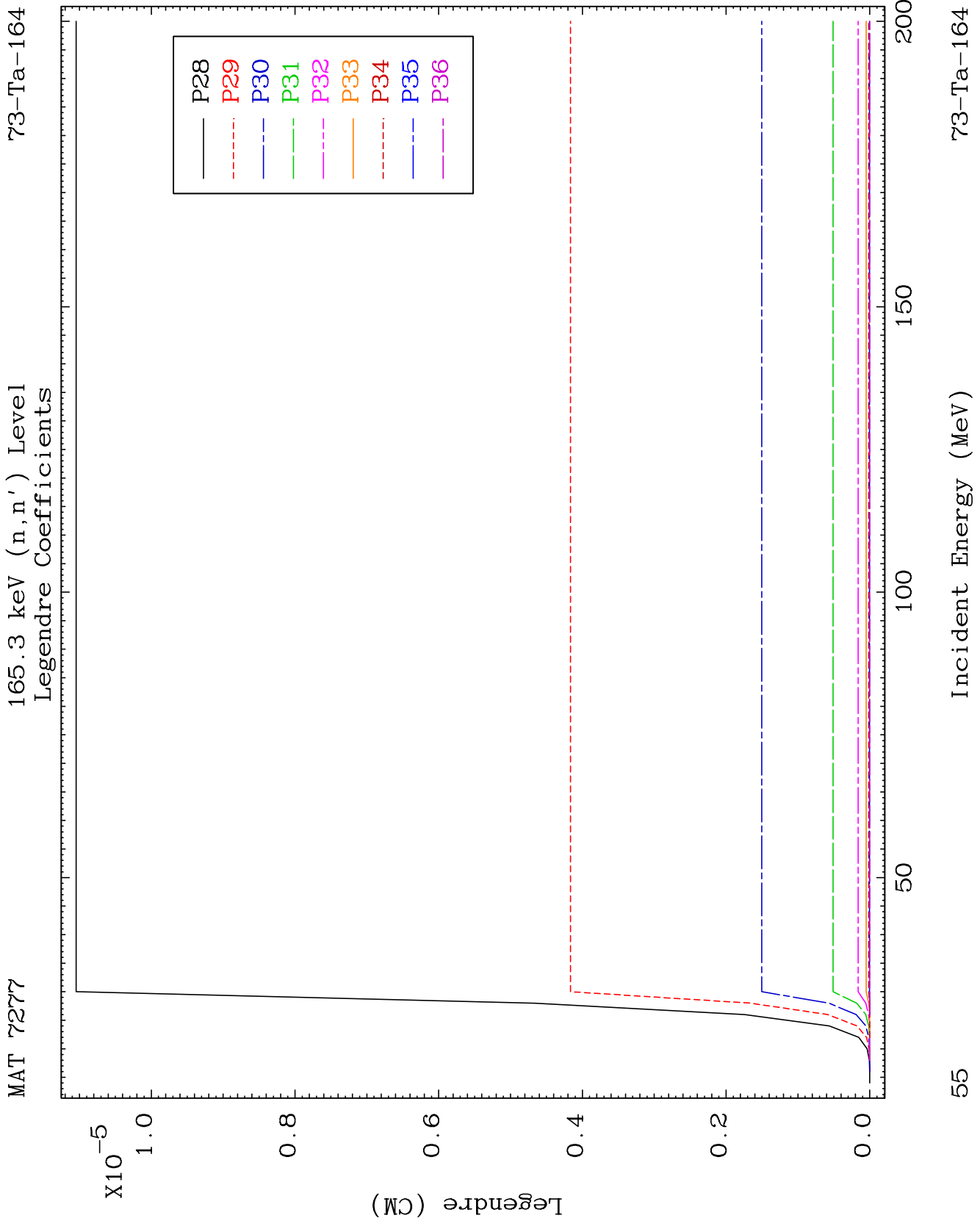


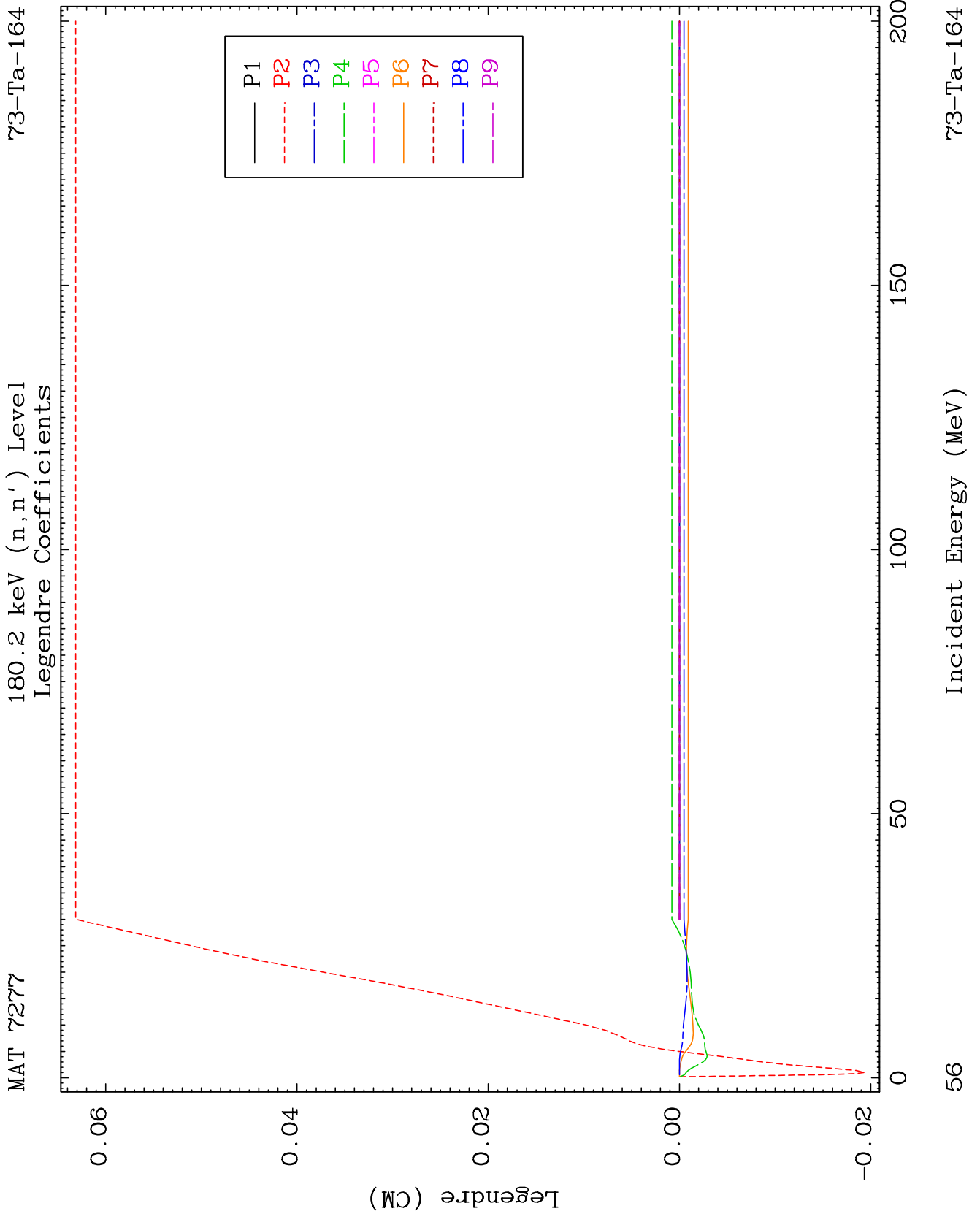
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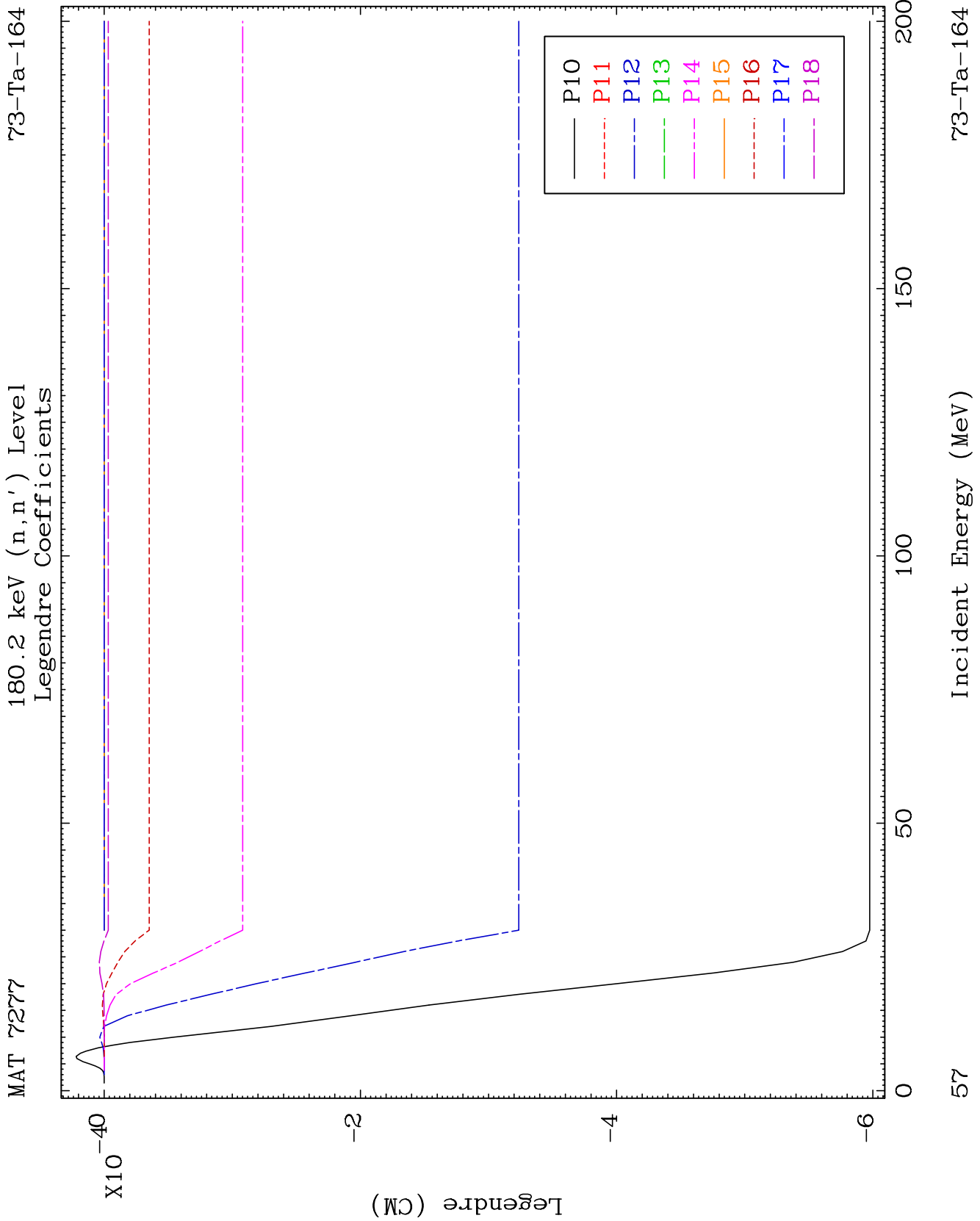
Incident Energy (MeV)

53





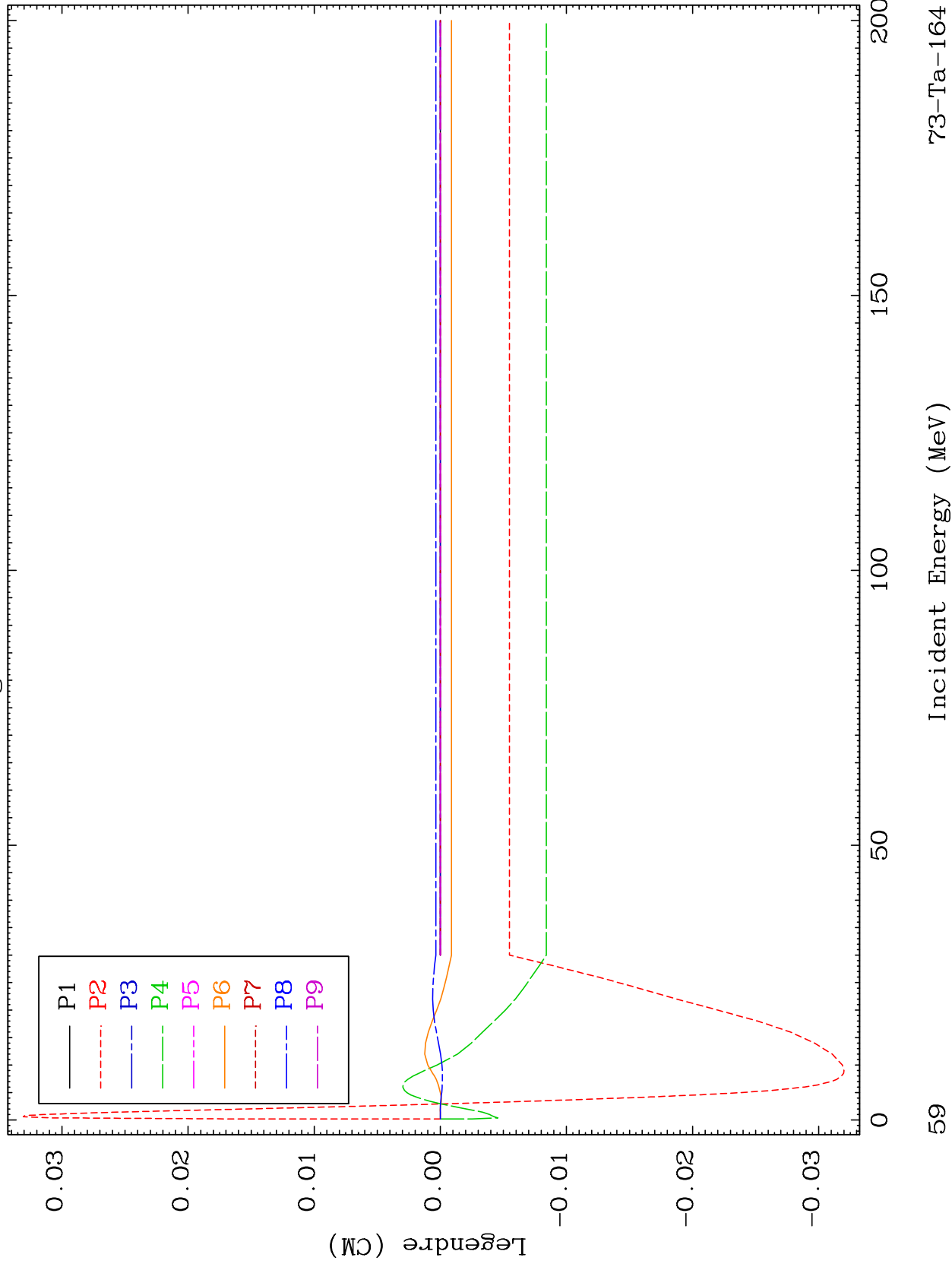




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184.2 keV (n,n') Level
Legendre Coefficients

73-Ta-164



73-Ta-164

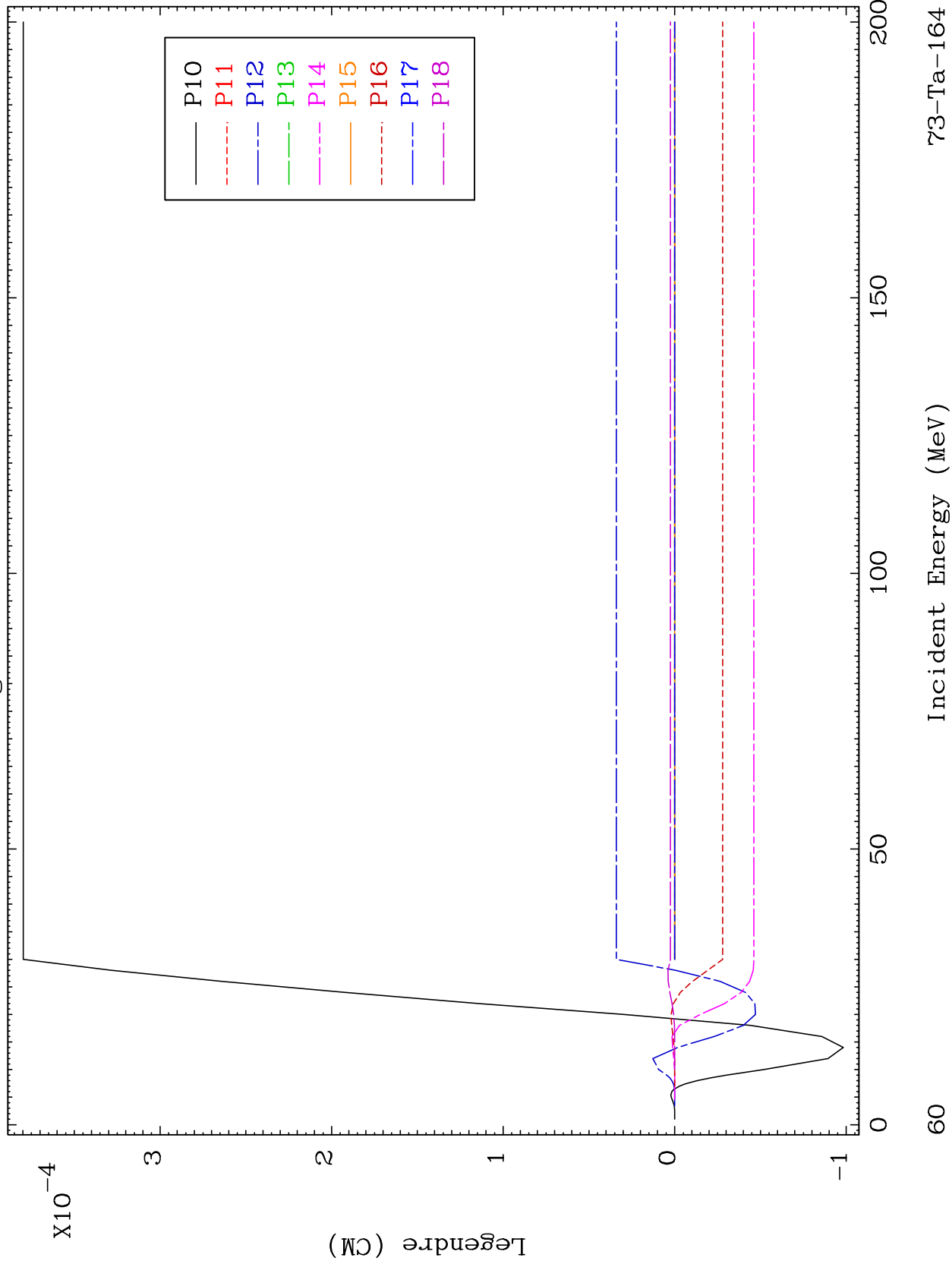
Incident Energy (MeV)

59

MAT 7277

184.2 keV (n,n') Level
Legendre Coefficients

73-Ta-164

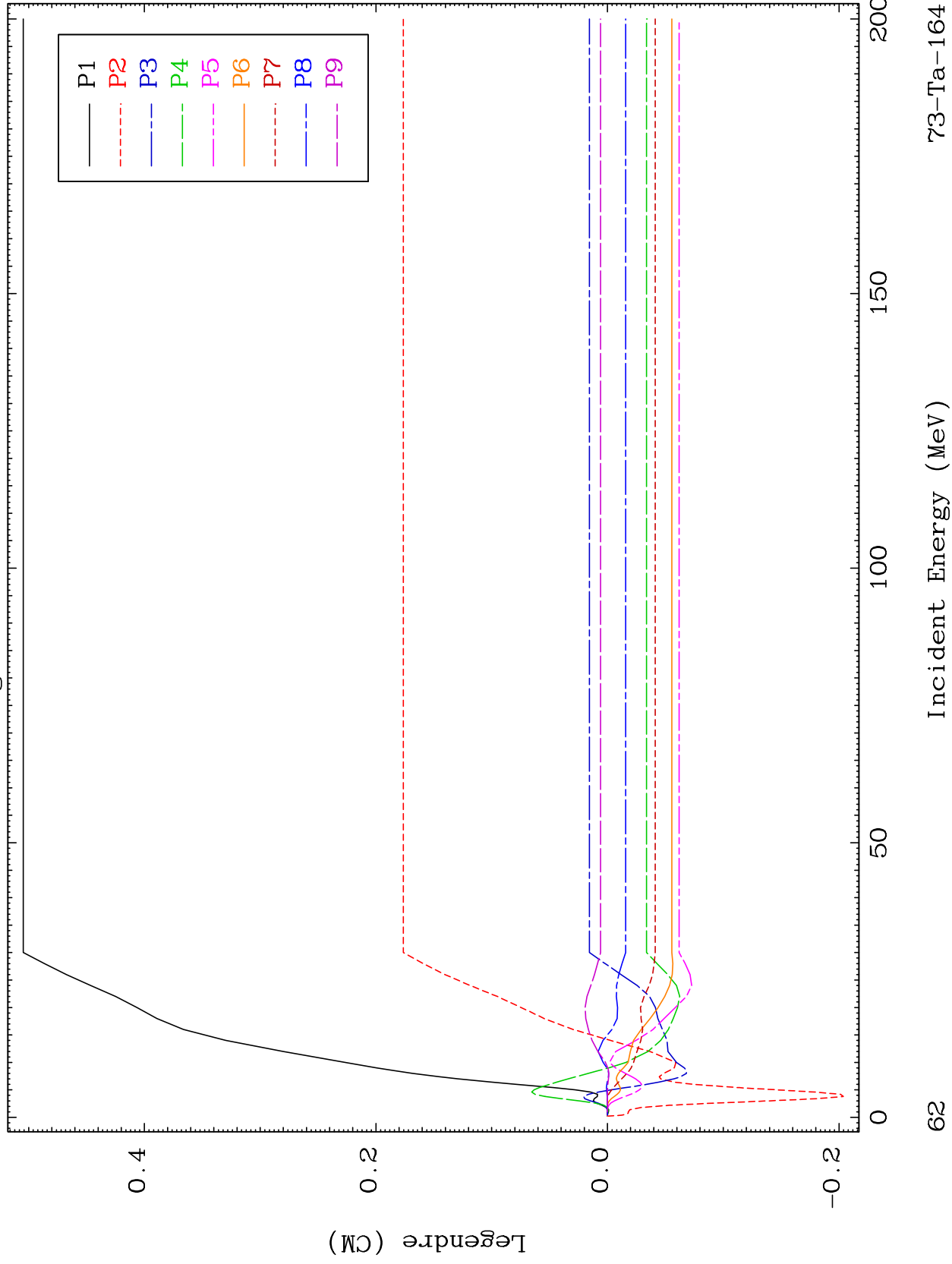


73-Ta-164

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205.5 keV (n,n') Level
Legendre Coefficients

73-Ta-164



73-Ta-164

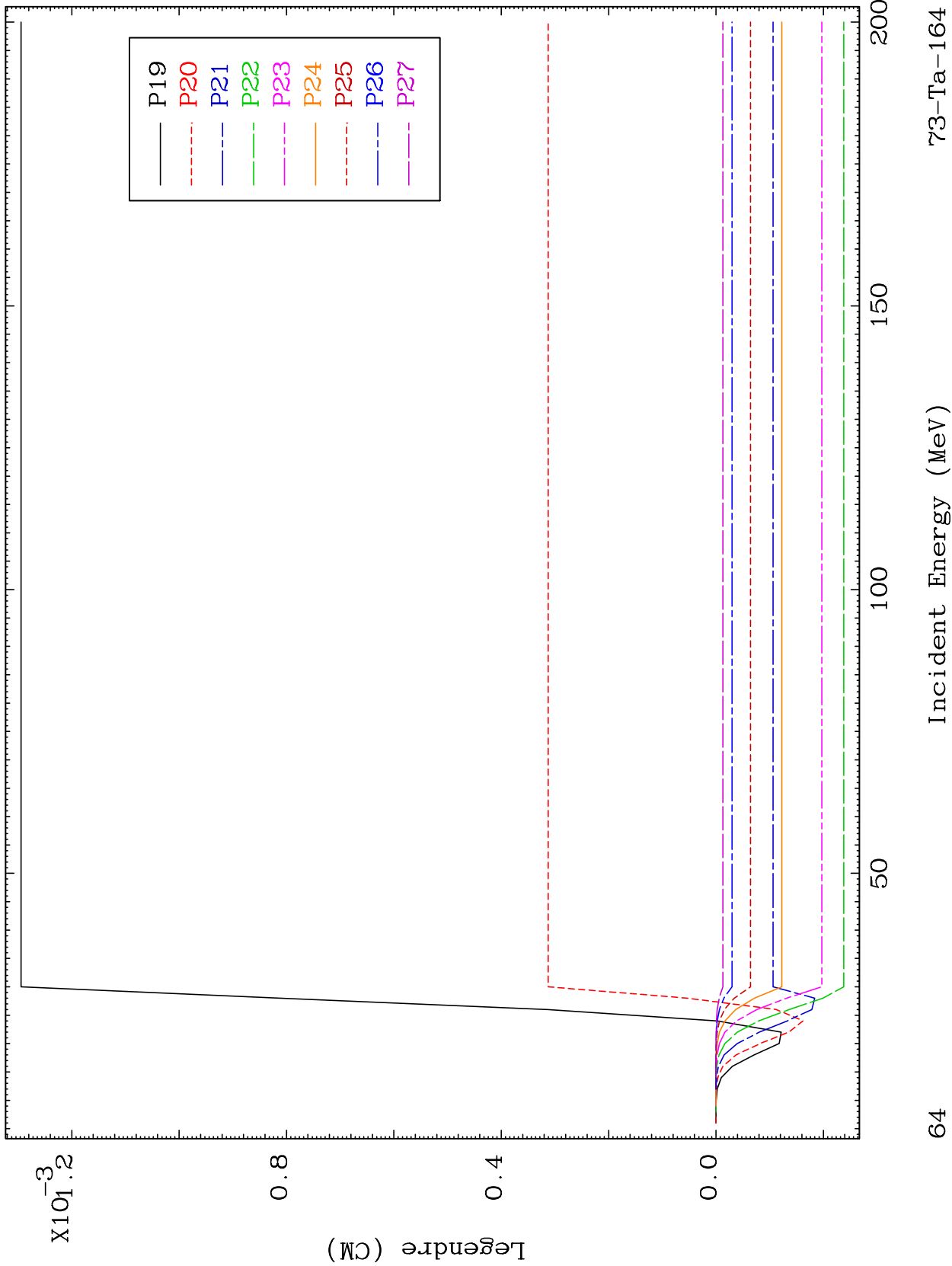
Incident Energy (MeV)

62

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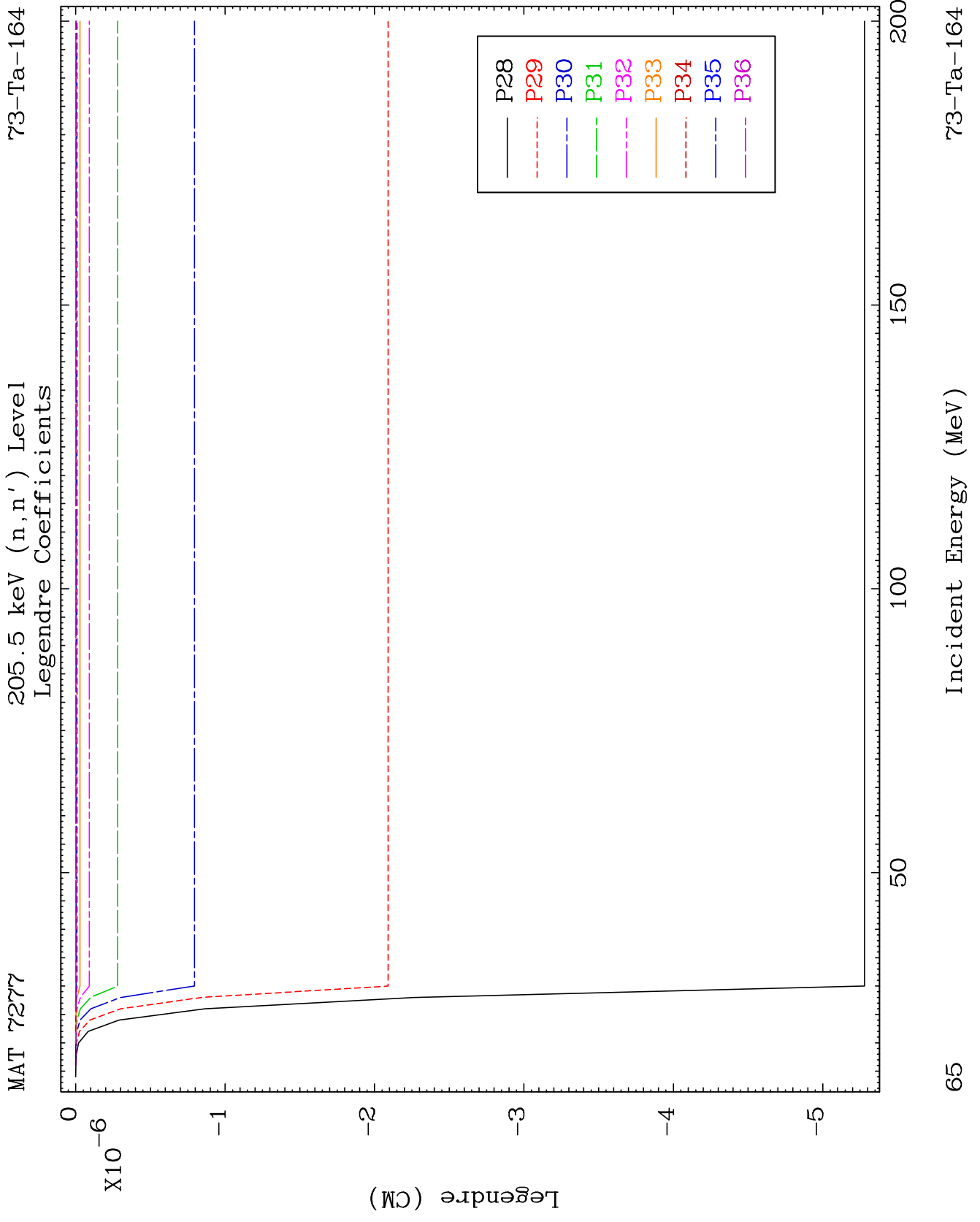
205.5 keV (n,n') Level
Legendre Coefficients

73-Ta-164



64

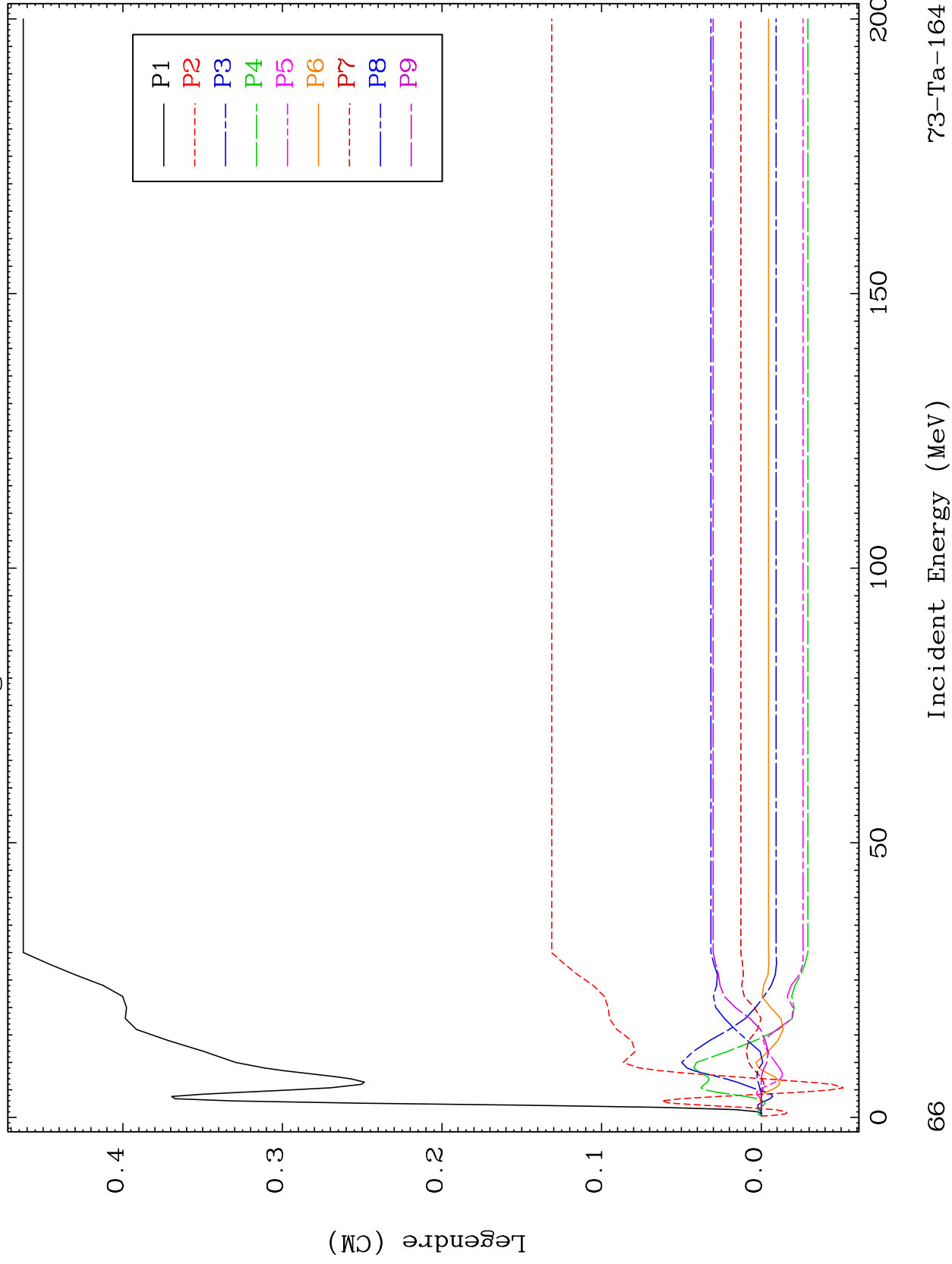
73-Ta-164



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209.9 keV (n,n') Level
Legendre Coefficients

73-Ta-164



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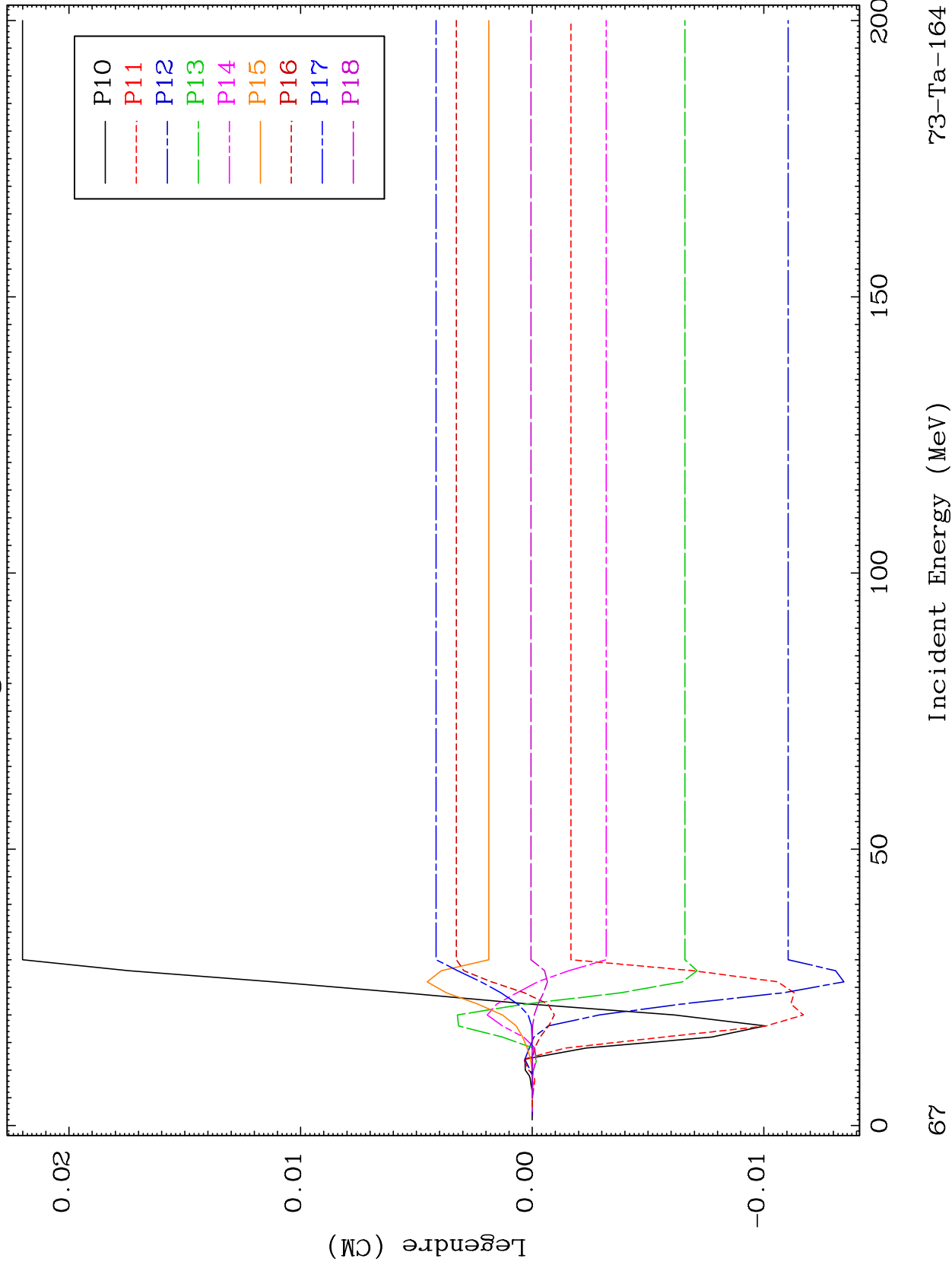
Incident Energy (MeV)

73-Ta-164

MAT 7277

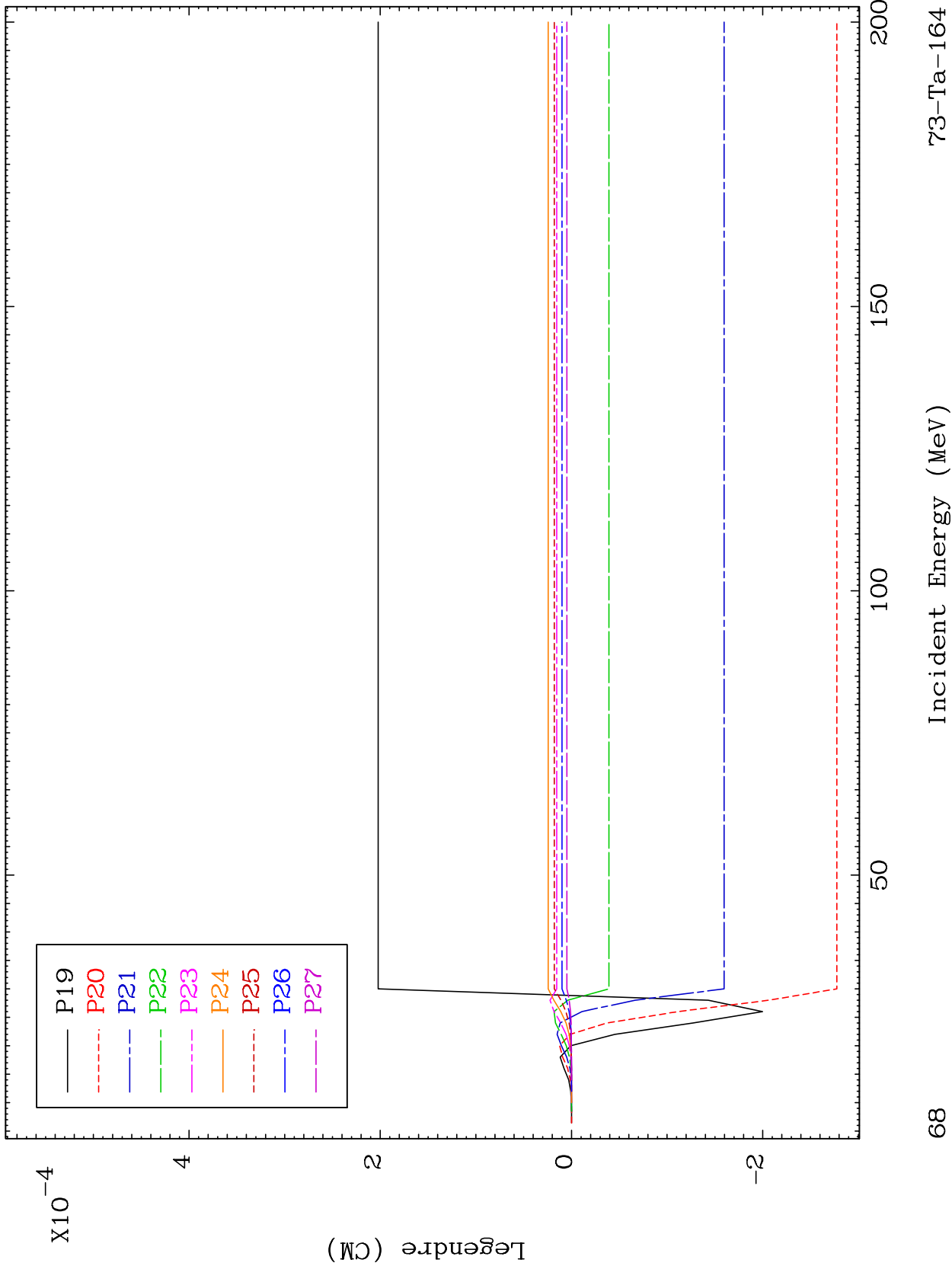
209.9 keV (n,n') Level
Legendre Coefficients

73-Ta-164



73-Ta-164

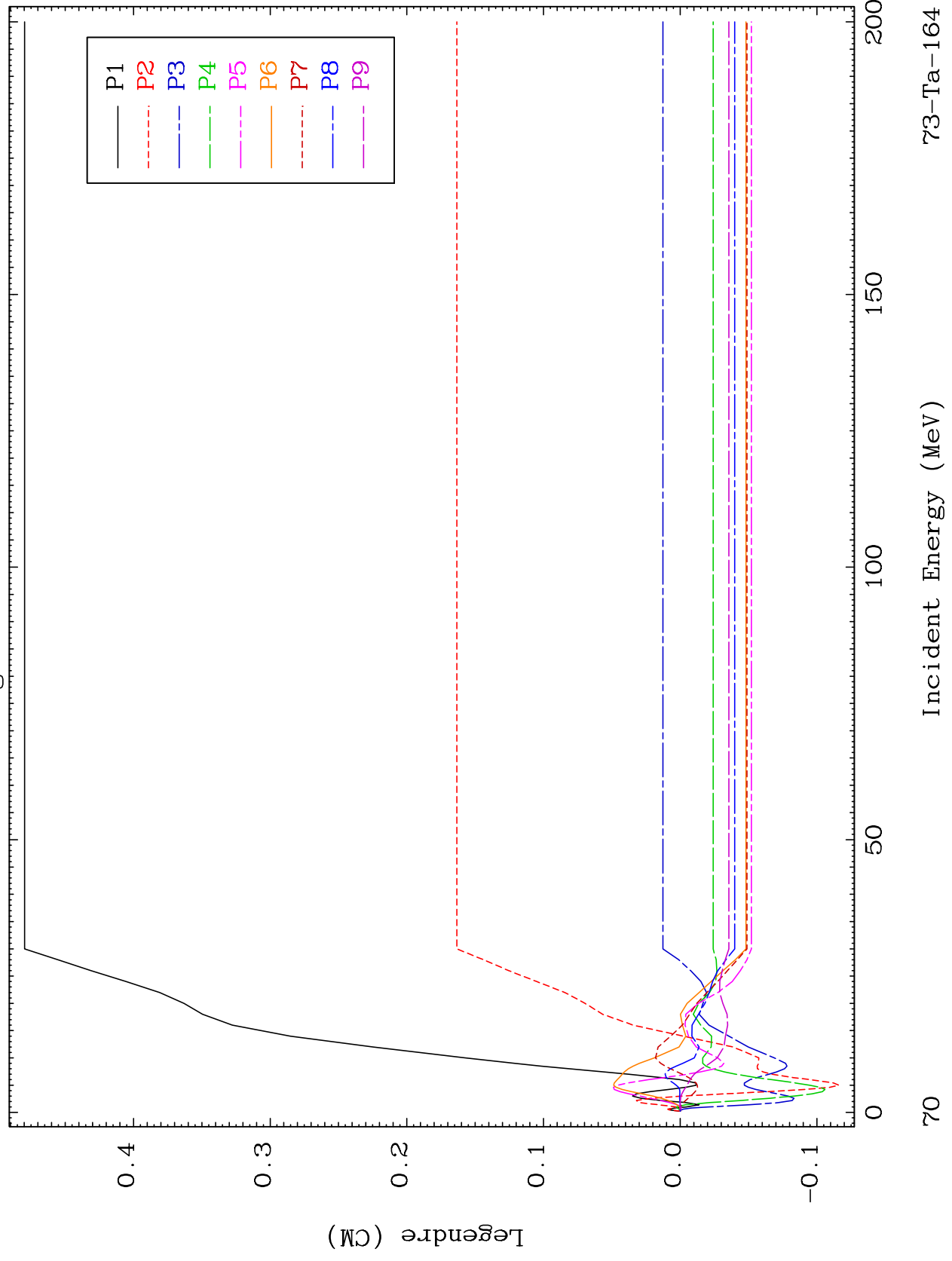
Incident Energy (MeV)



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214.8 keV (n,n') Level
Legendre Coefficients

73-Ta-164

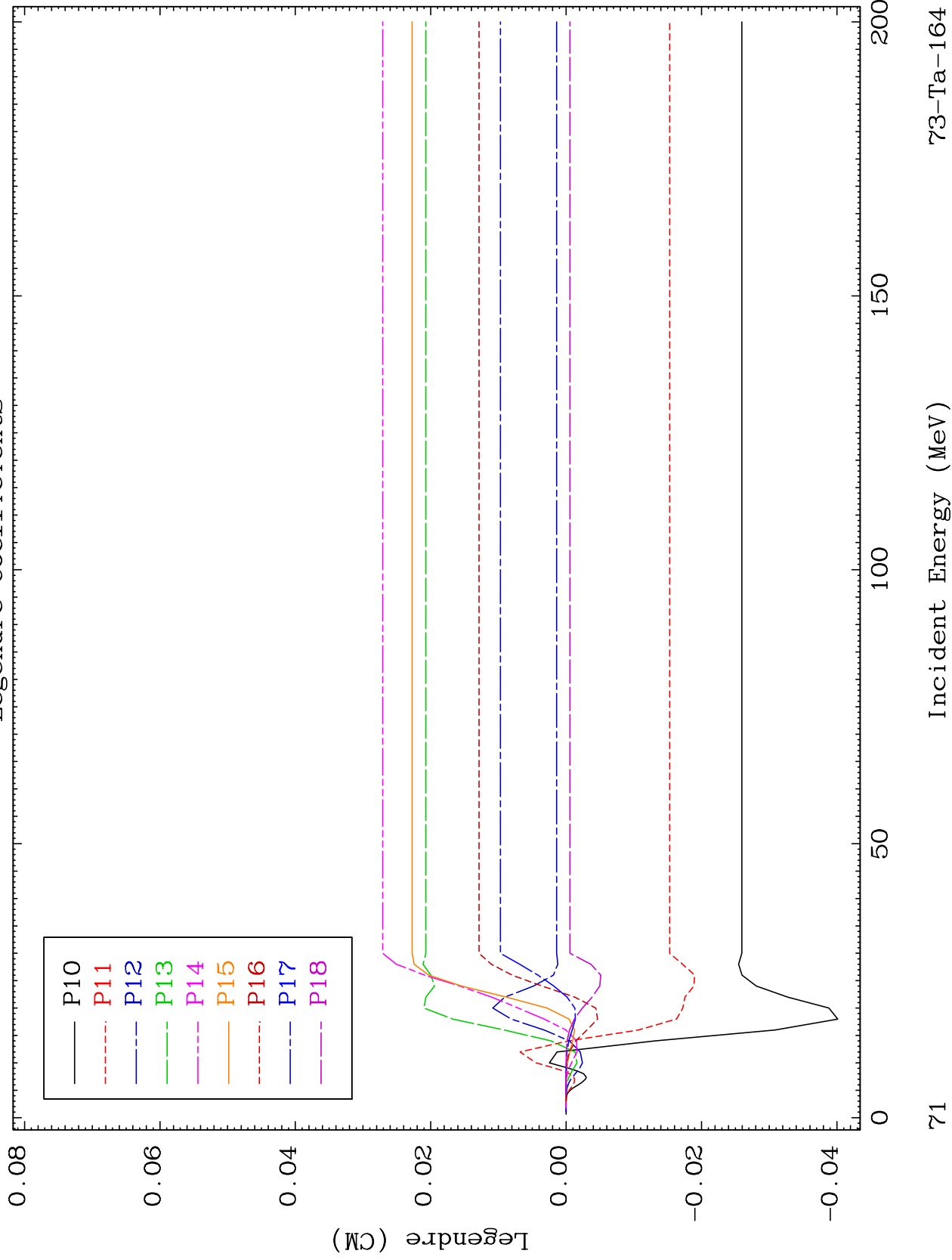


73-Ta-164

MAT 7277

214.8 keV (n,n') Level
Legendre Coefficients

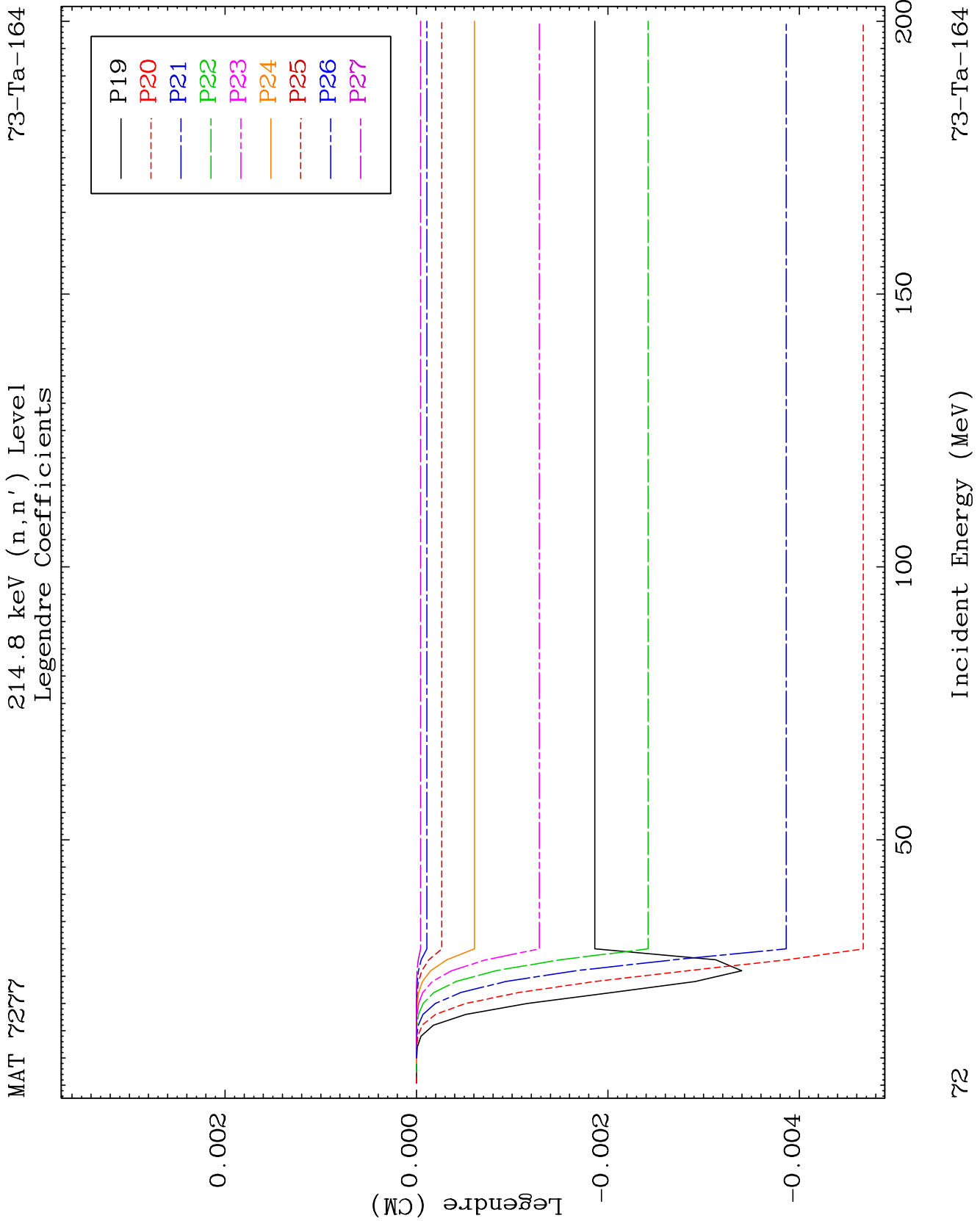
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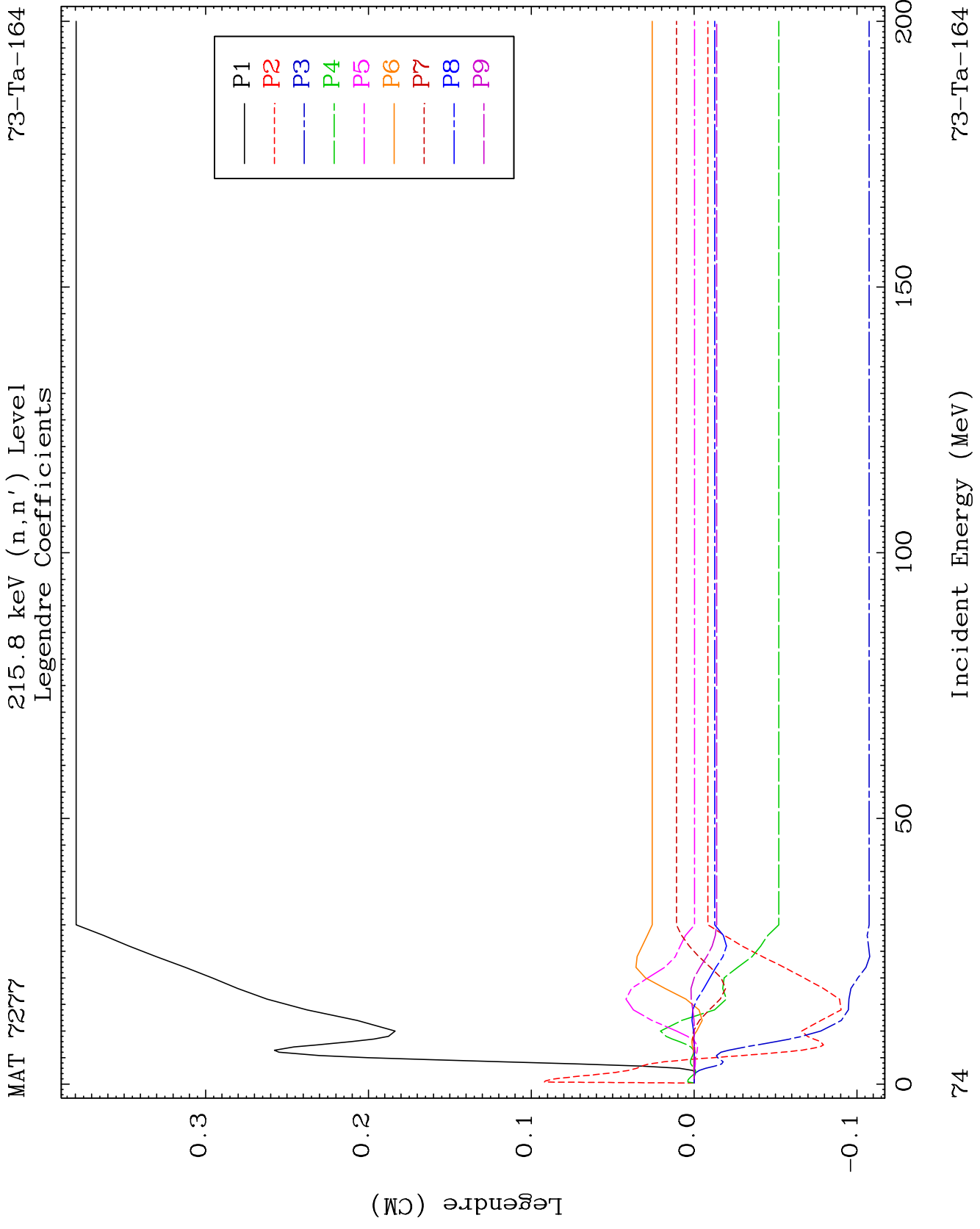


71

Incident Energy (MeV)

73-Ta-164

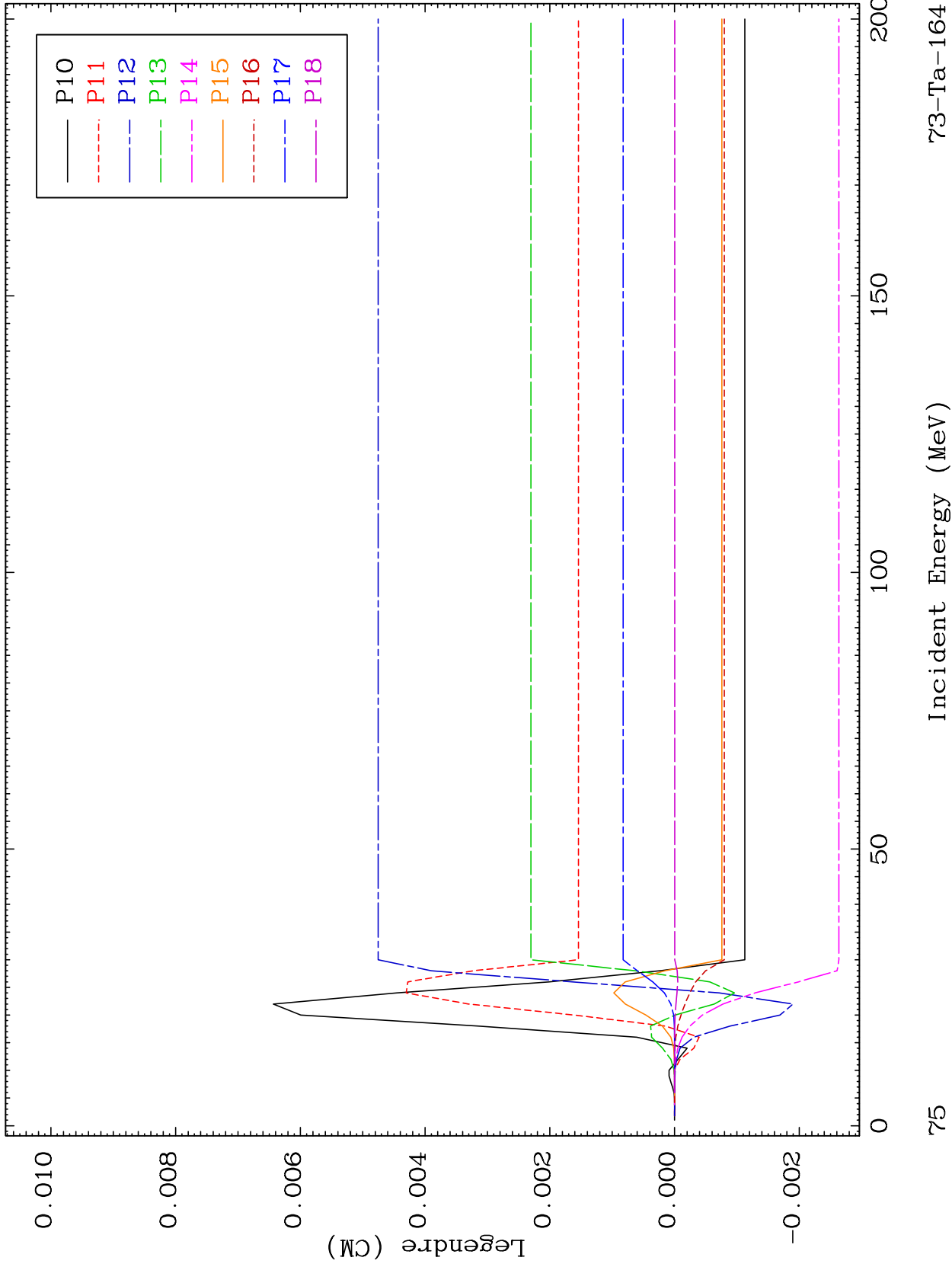




MAT 7277

215.8 keV (n,n') Level
Legendre Coefficients

73-Ta-164



73-Ta-164

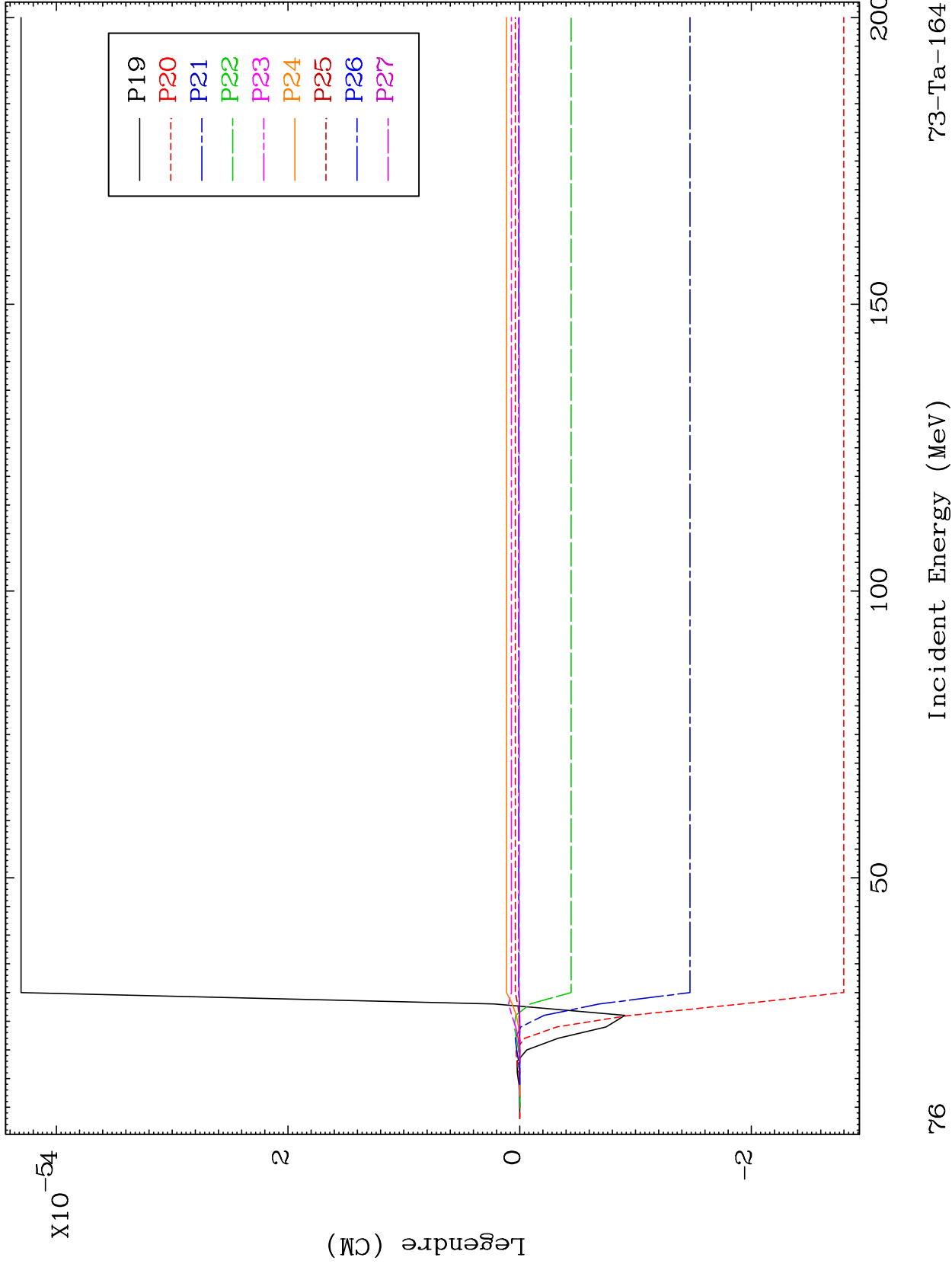
Incident Energy (MeV)

75

MAT 7277

215.8 keV (n,n') Level
Legendre Coefficients

73-Ta-164



76

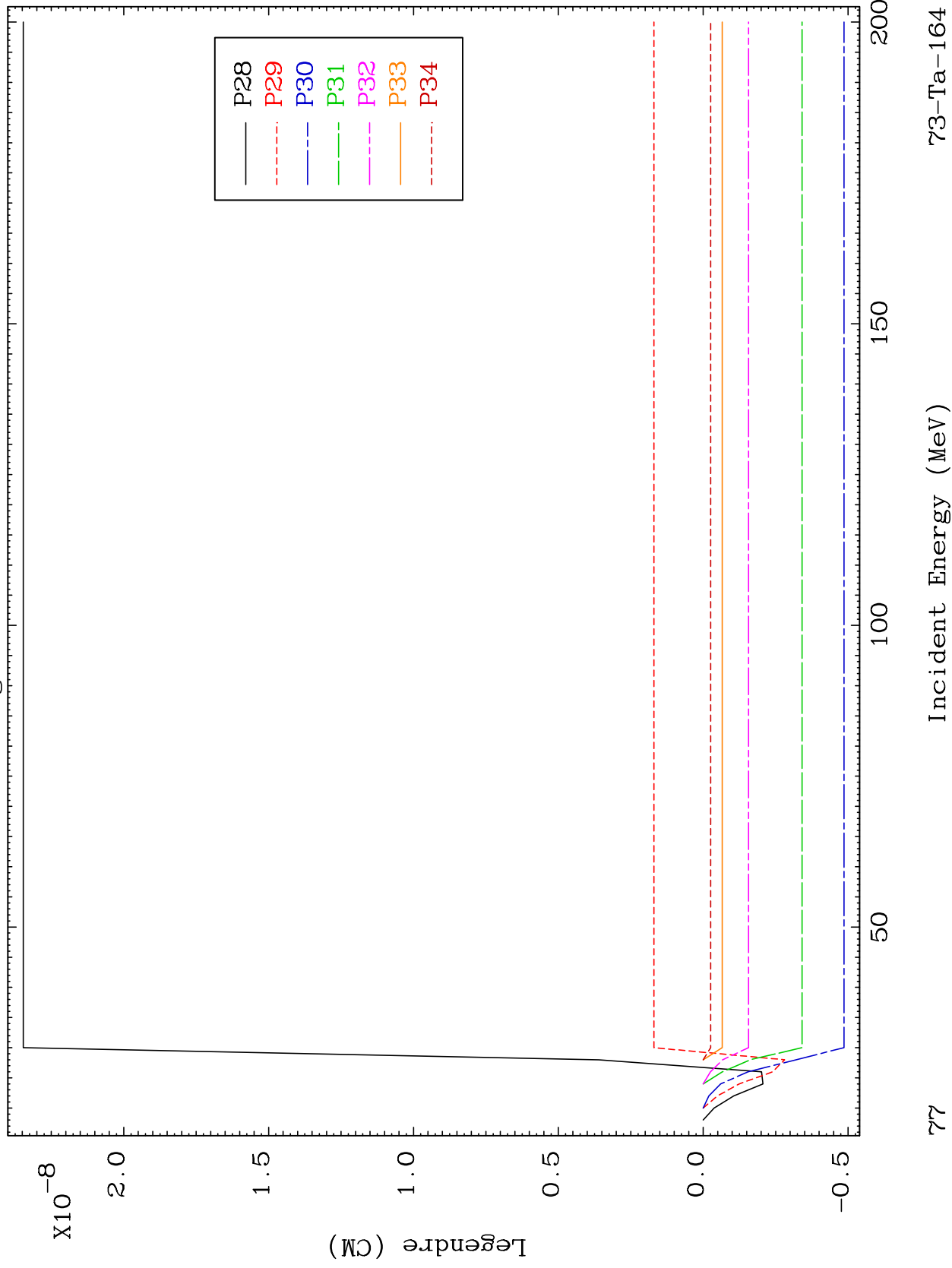
Incident Energy (MeV)

73-Ta-164

MAT 7277

215.8 keV (n,n') Level
Legendre Coefficients

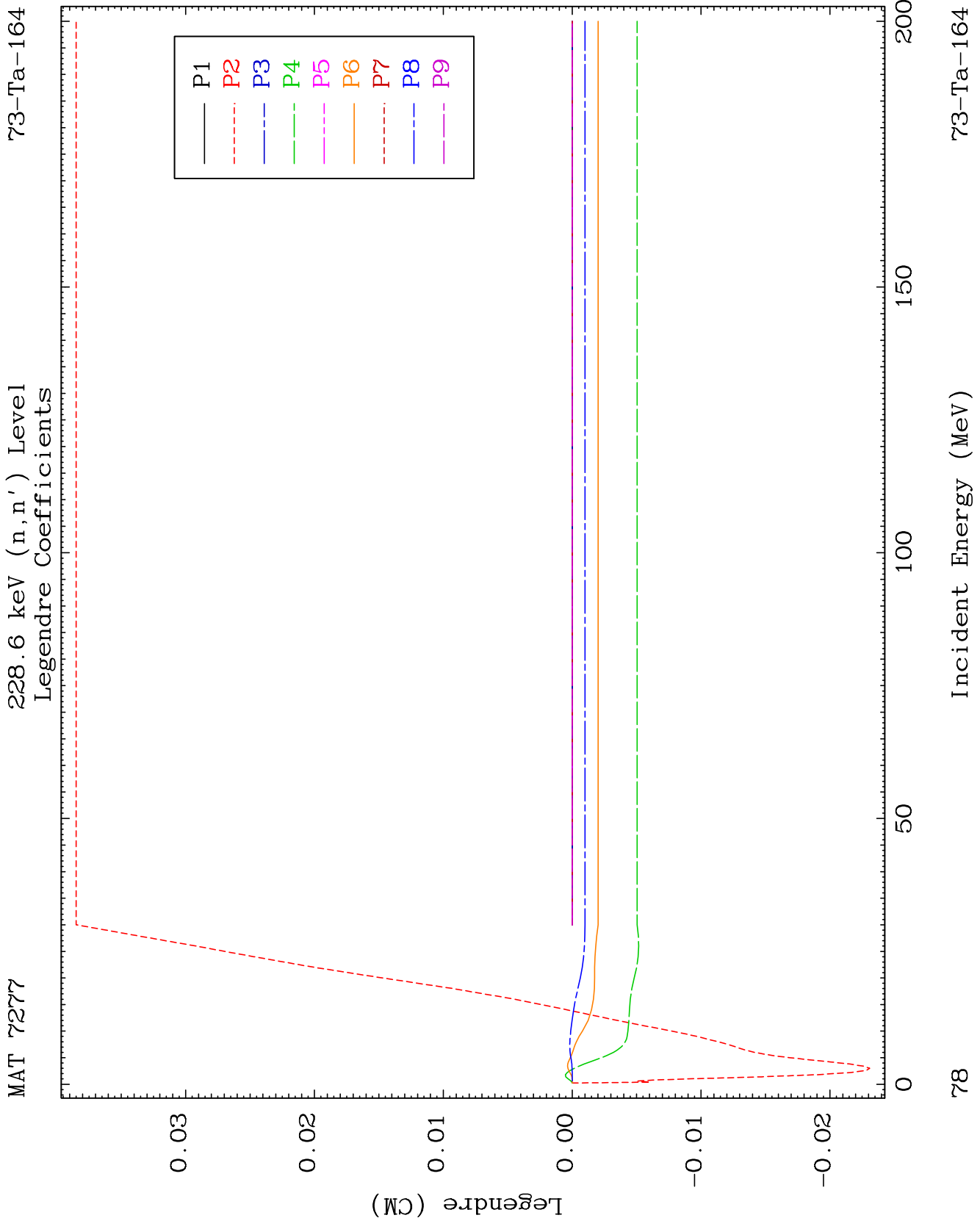
73-Ta-164



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Incident Energy (MeV)

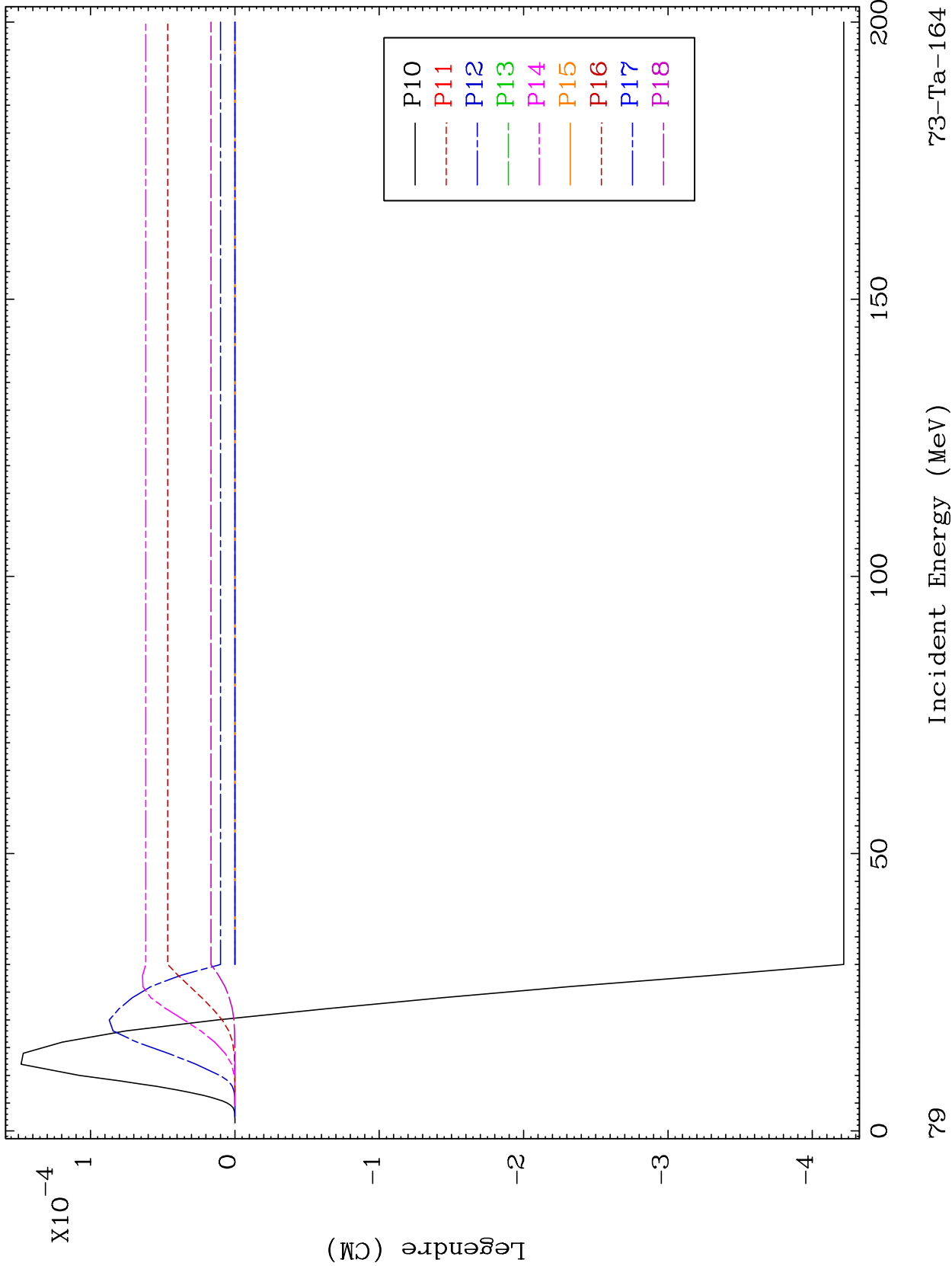
73-Ta-164



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228.6 keV (n,n') Level
Legendre Coefficients

73-Ta-164



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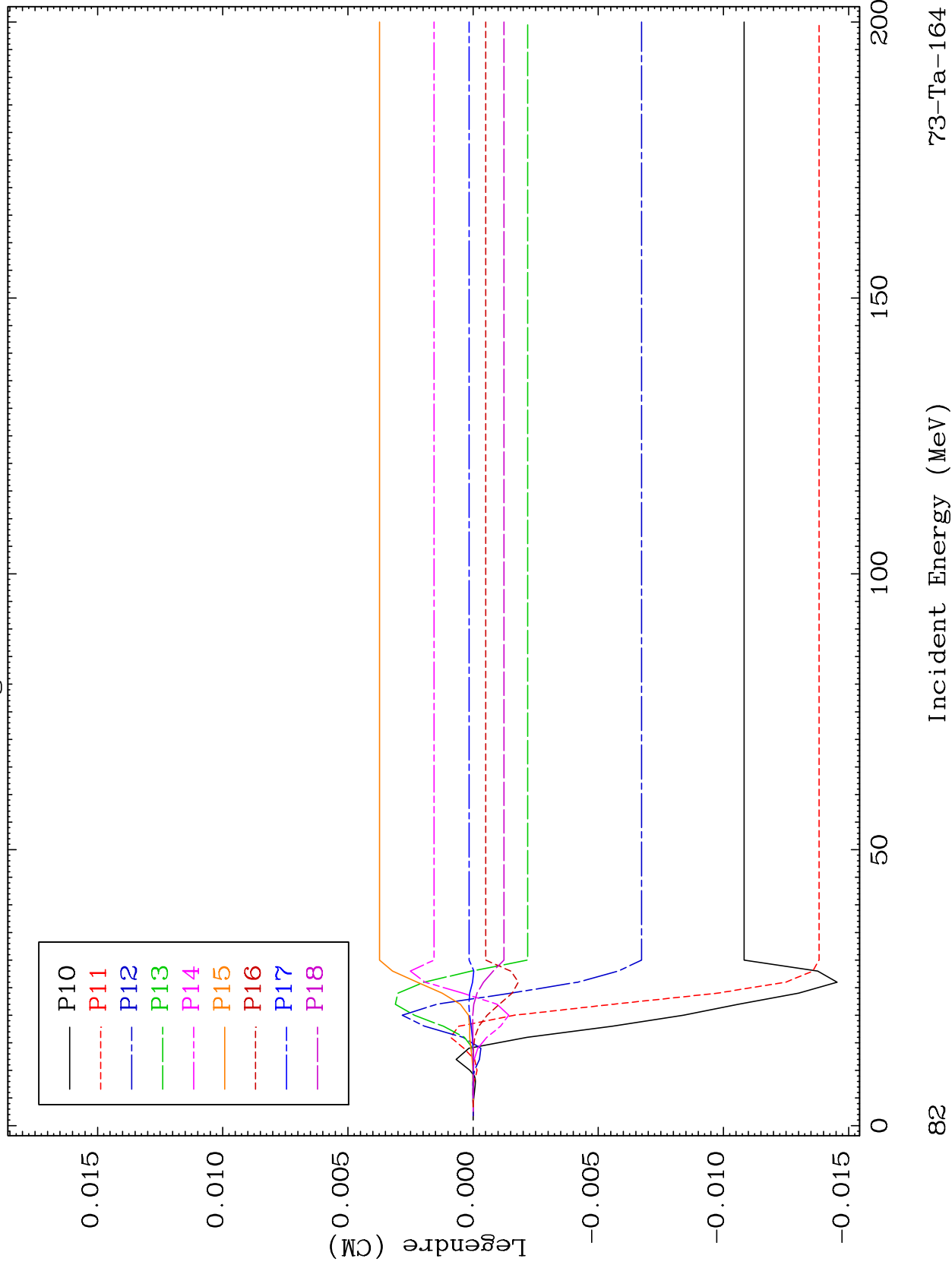
Incident Energy (MeV)

73-Ta-164

MAT 7277

229.6 keV (n,n') Level
Legendre Coefficients

73-Ta-164



82

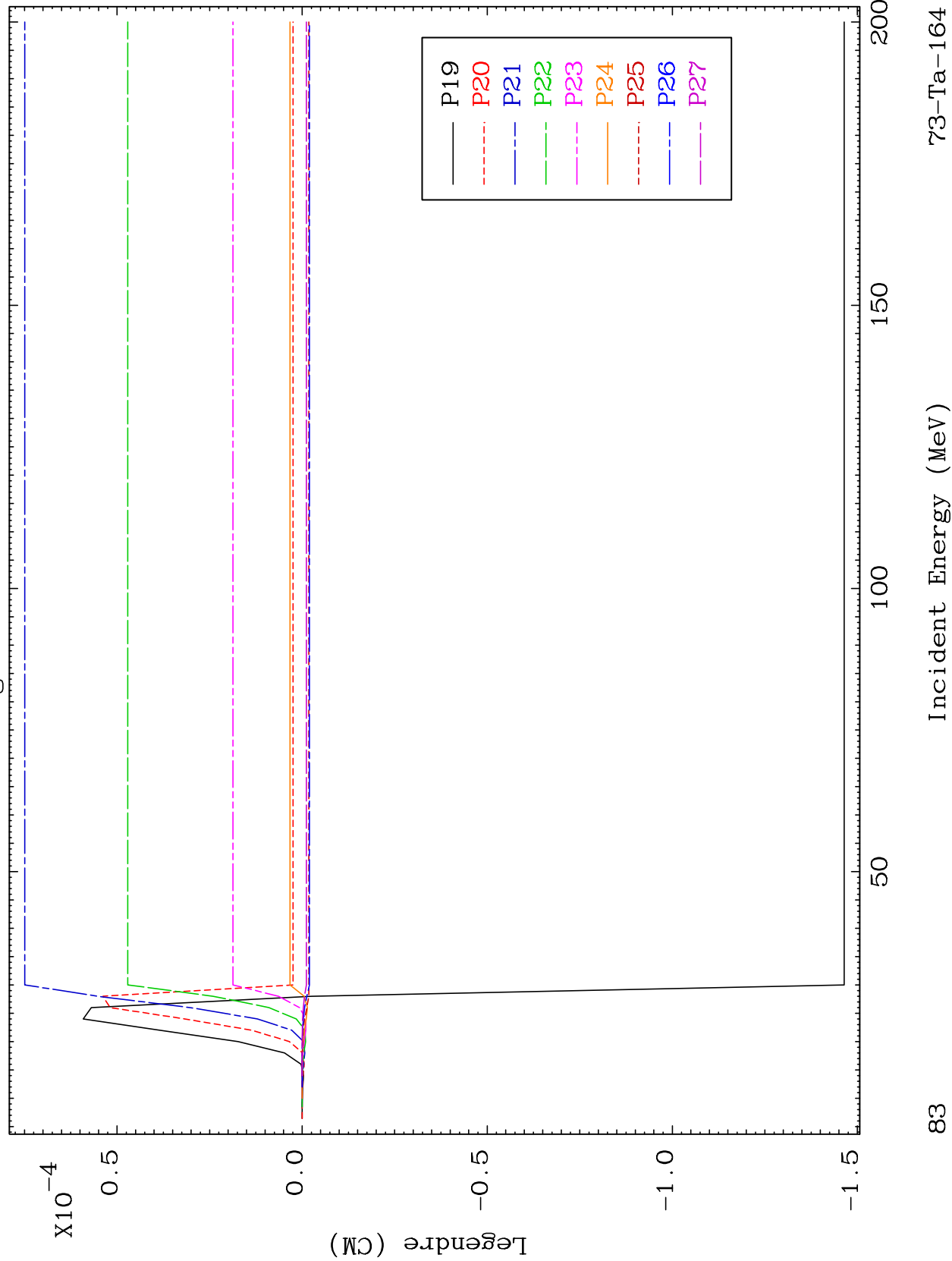
Incident Energy (MeV)

73-Ta-164

MAT 7277

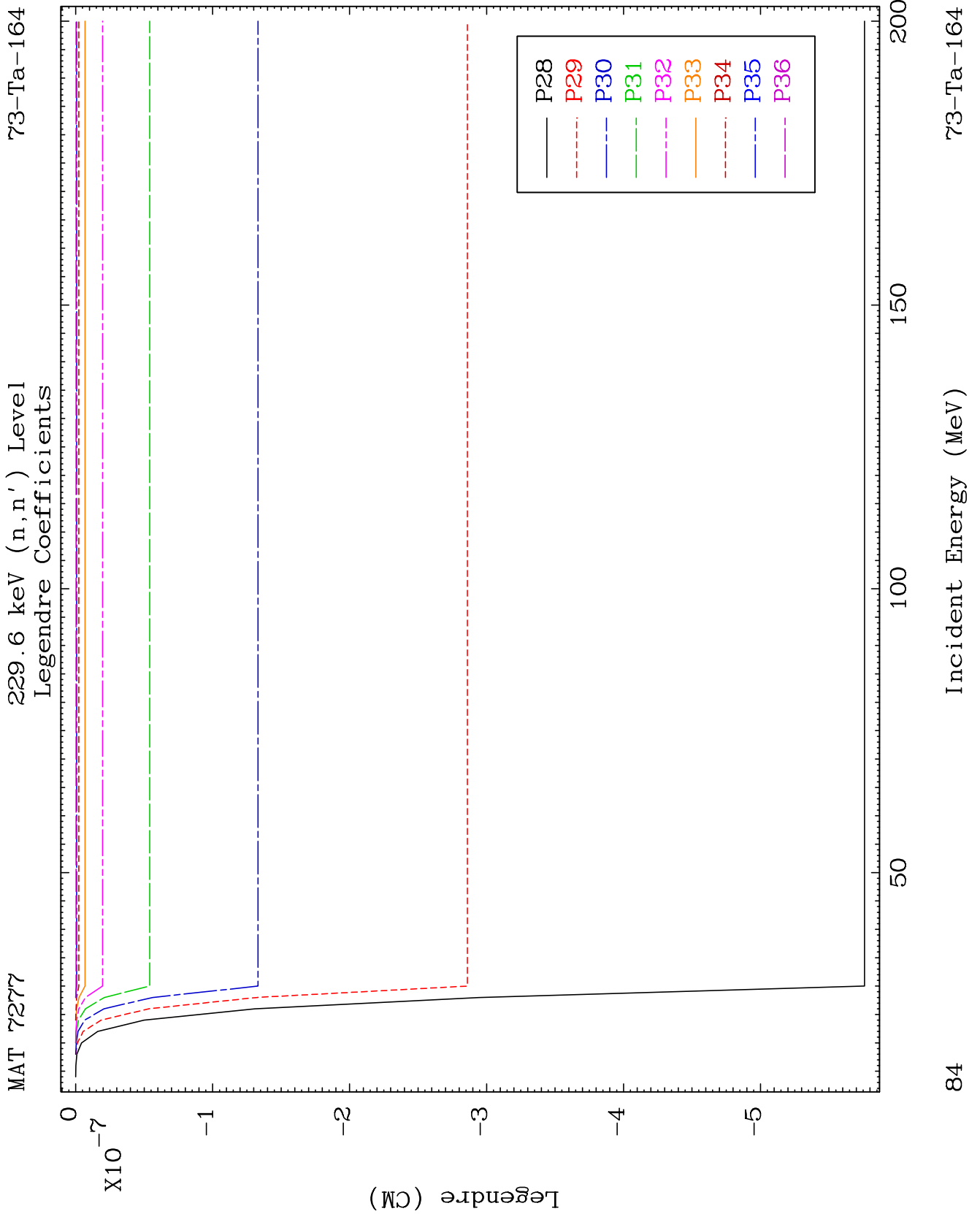
229.6 keV (n,n') Level
Legendre Coefficients

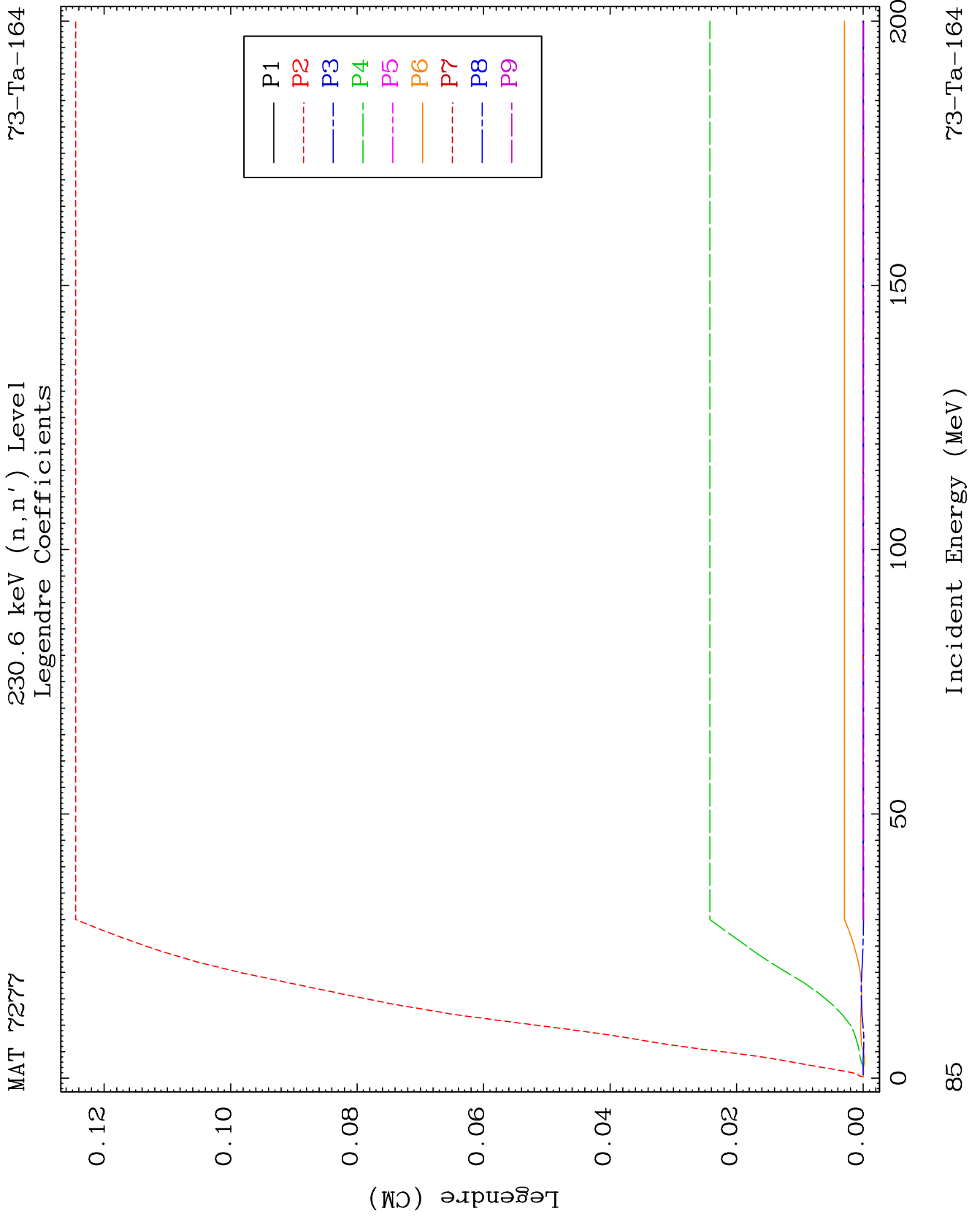
73-Ta-164



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73-Ta-164

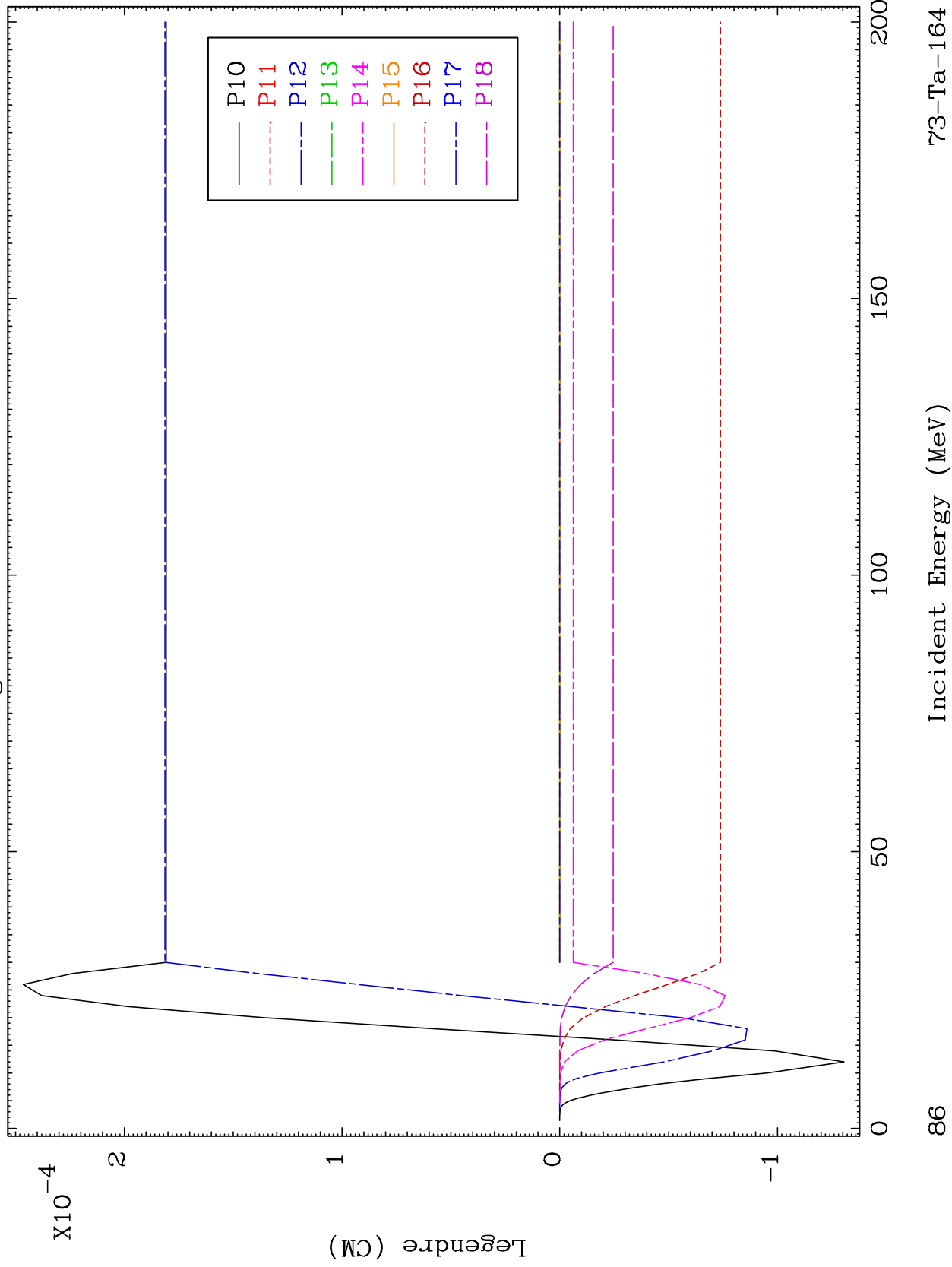




MAT 7277

230.6 keV (n,n') Level
Legendre Coefficients

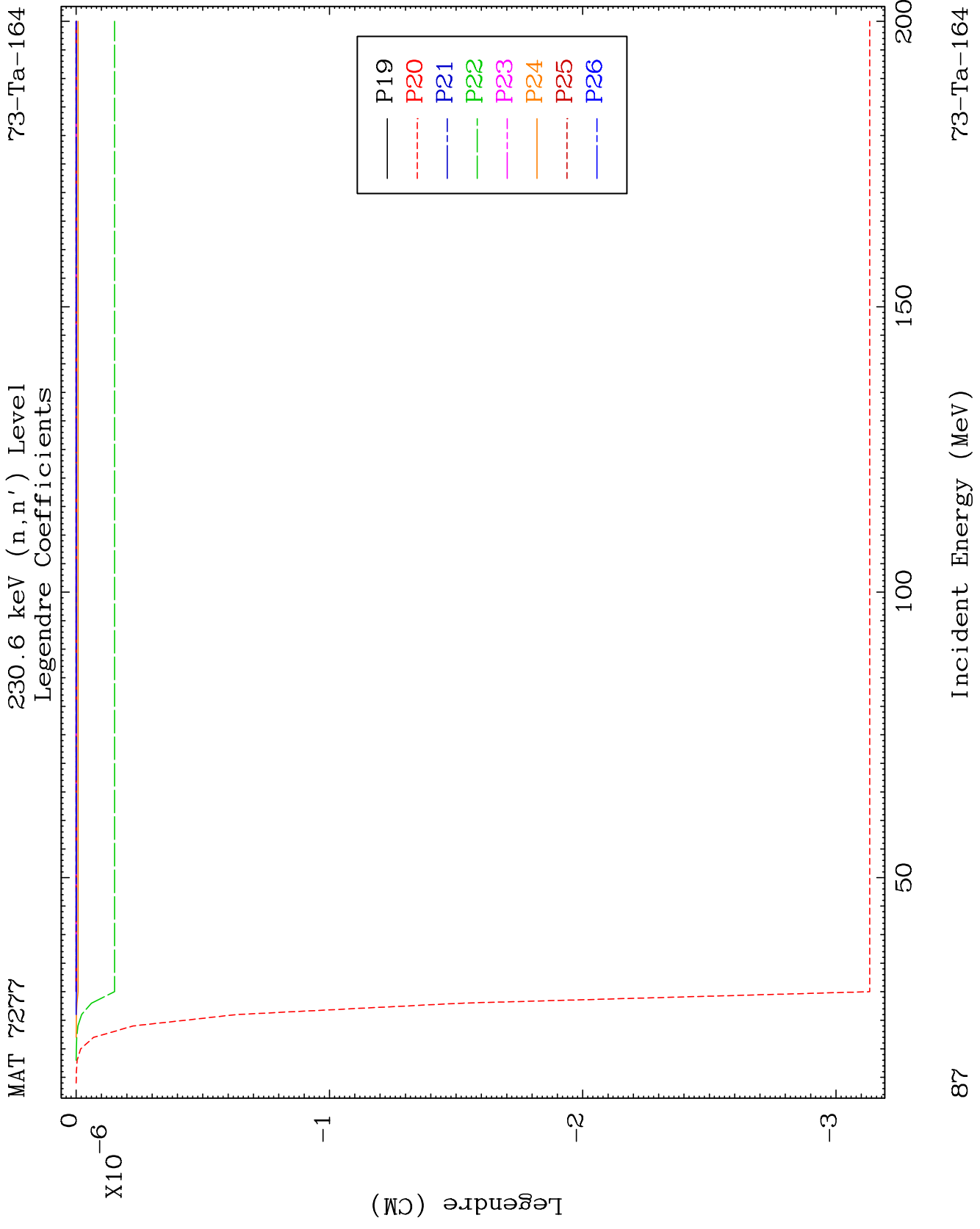
73-Ta-164

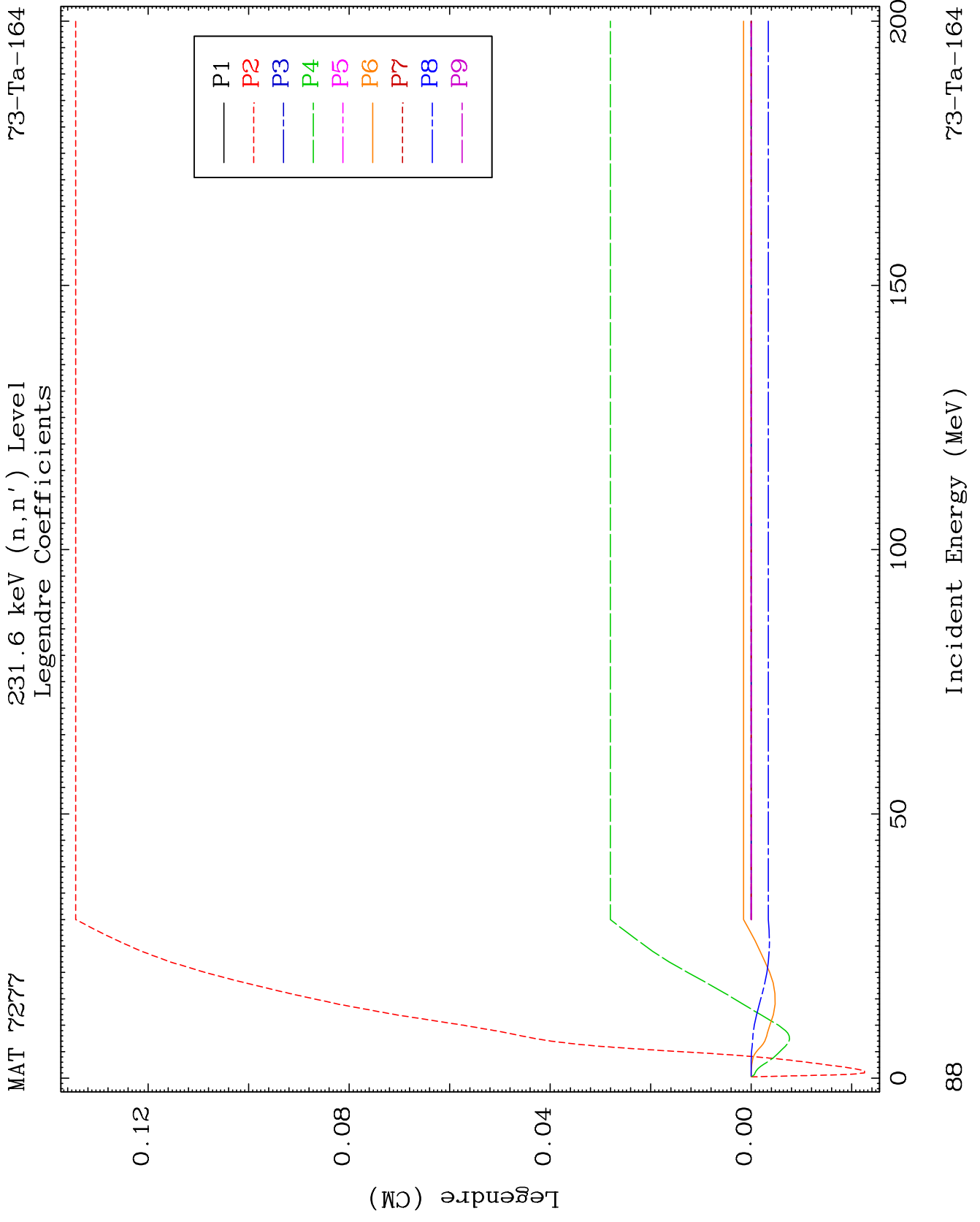


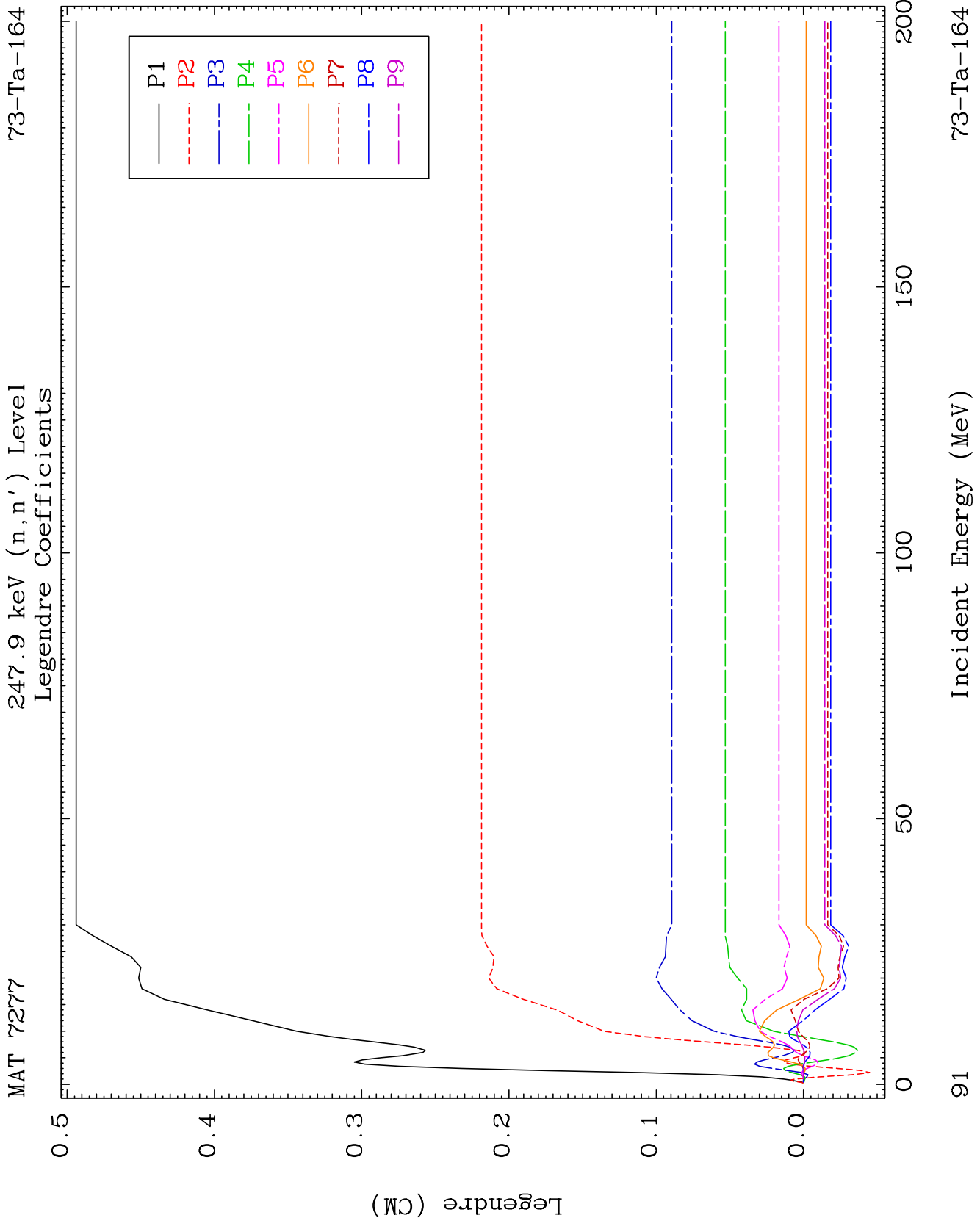
73-Ta-164

Incident Energy (MeV)

86



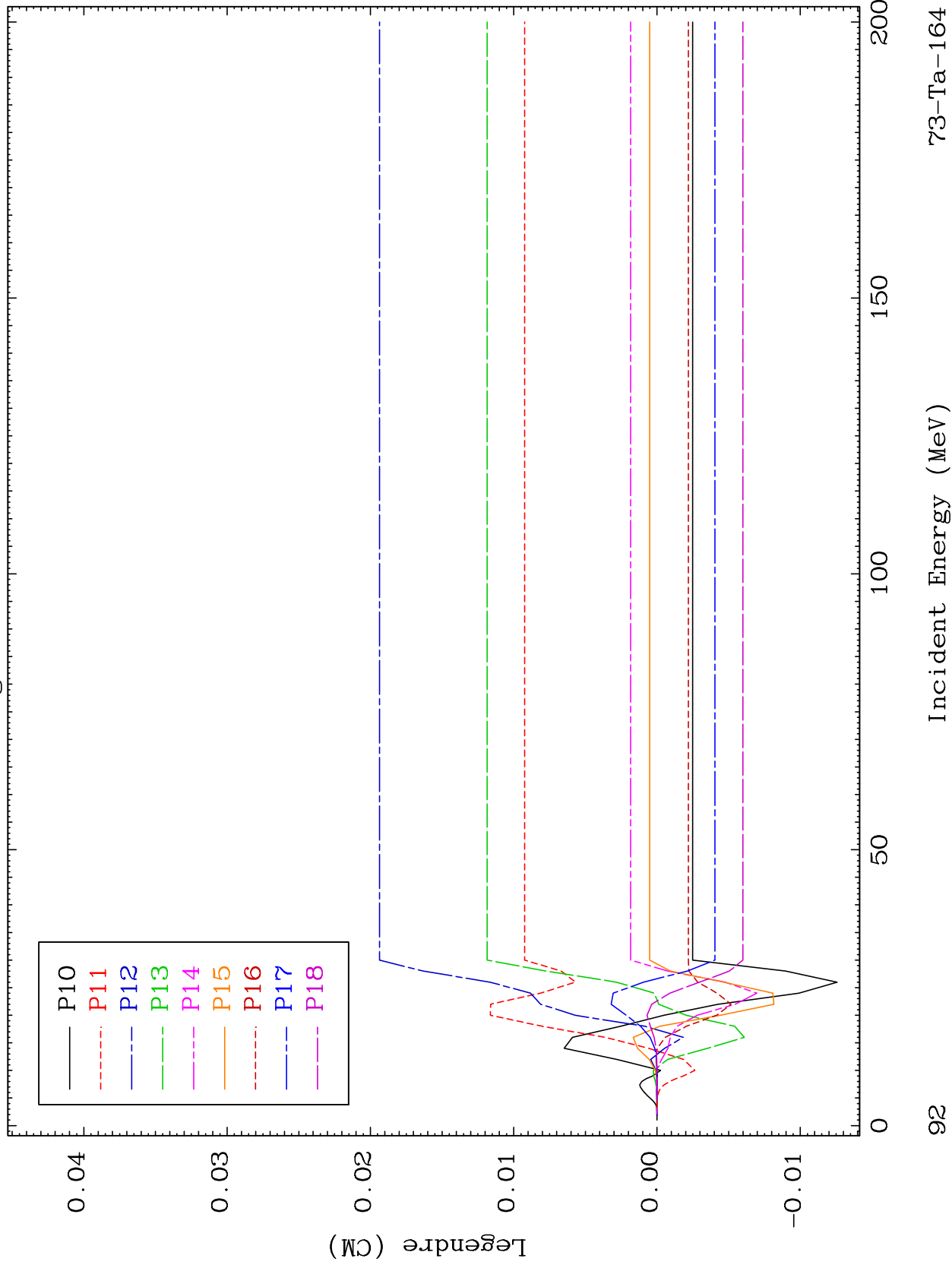




MAT 7277

247.9 keV (n, n') Level
Legendre Coefficients

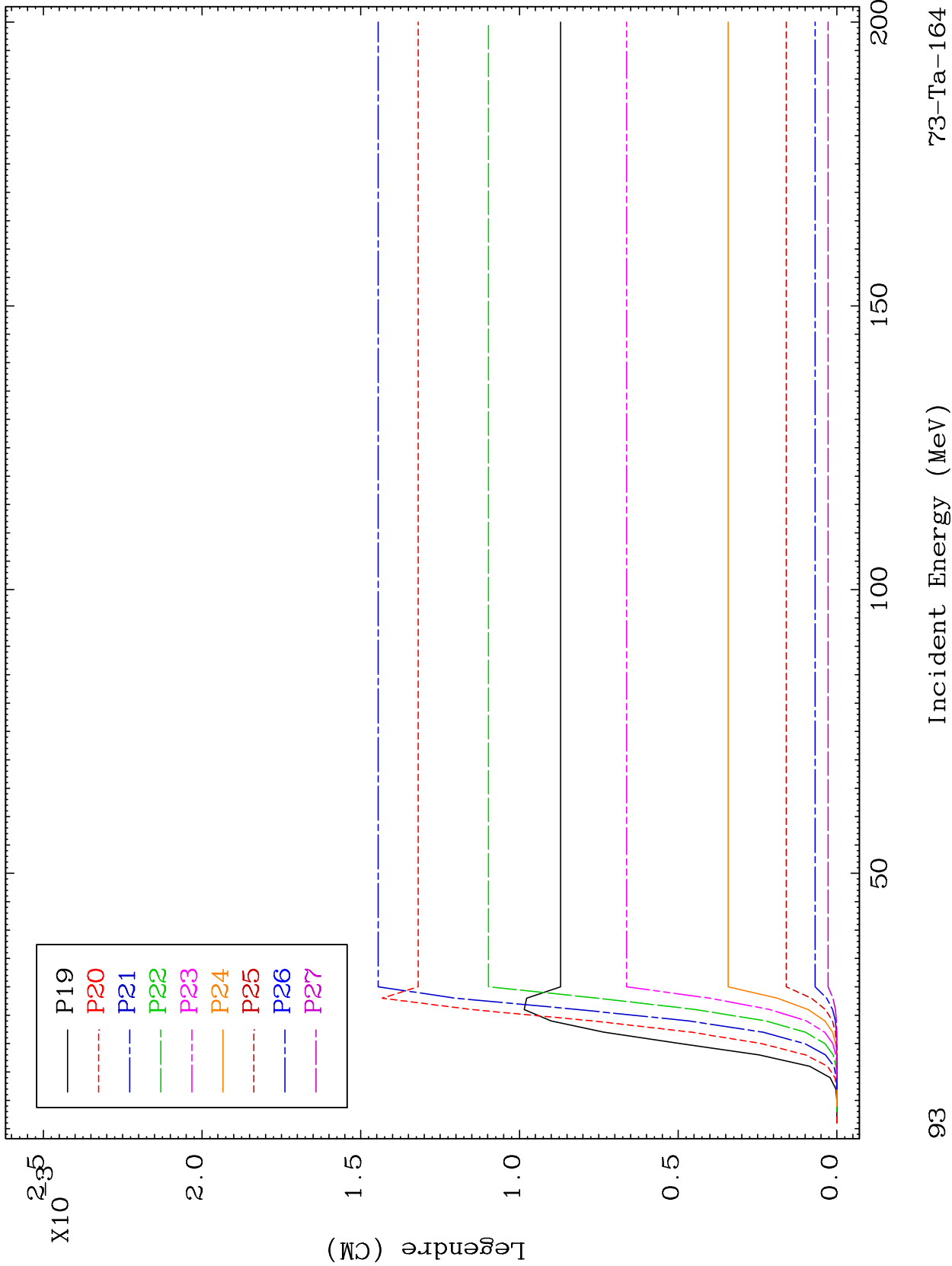
73-Ta-164

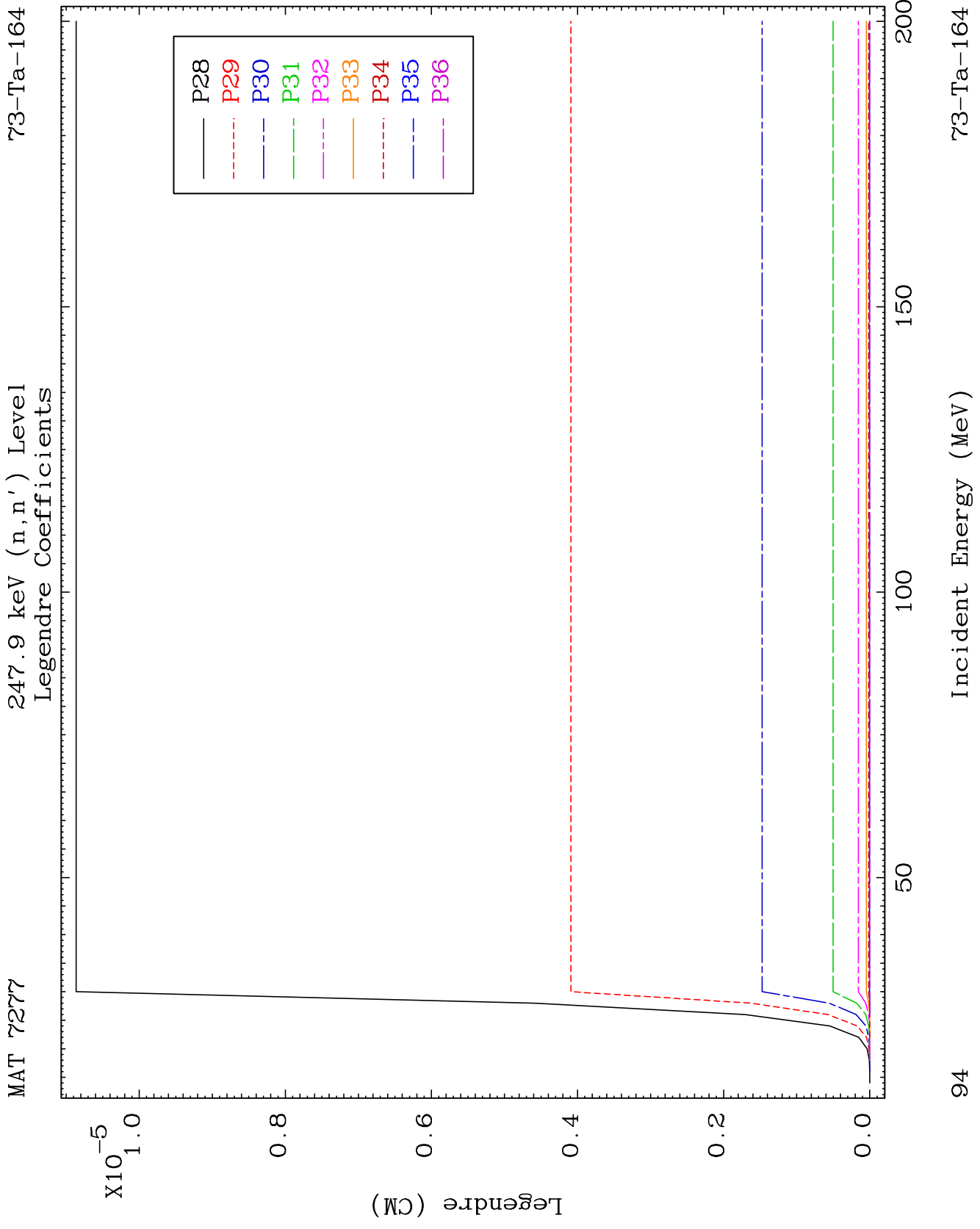


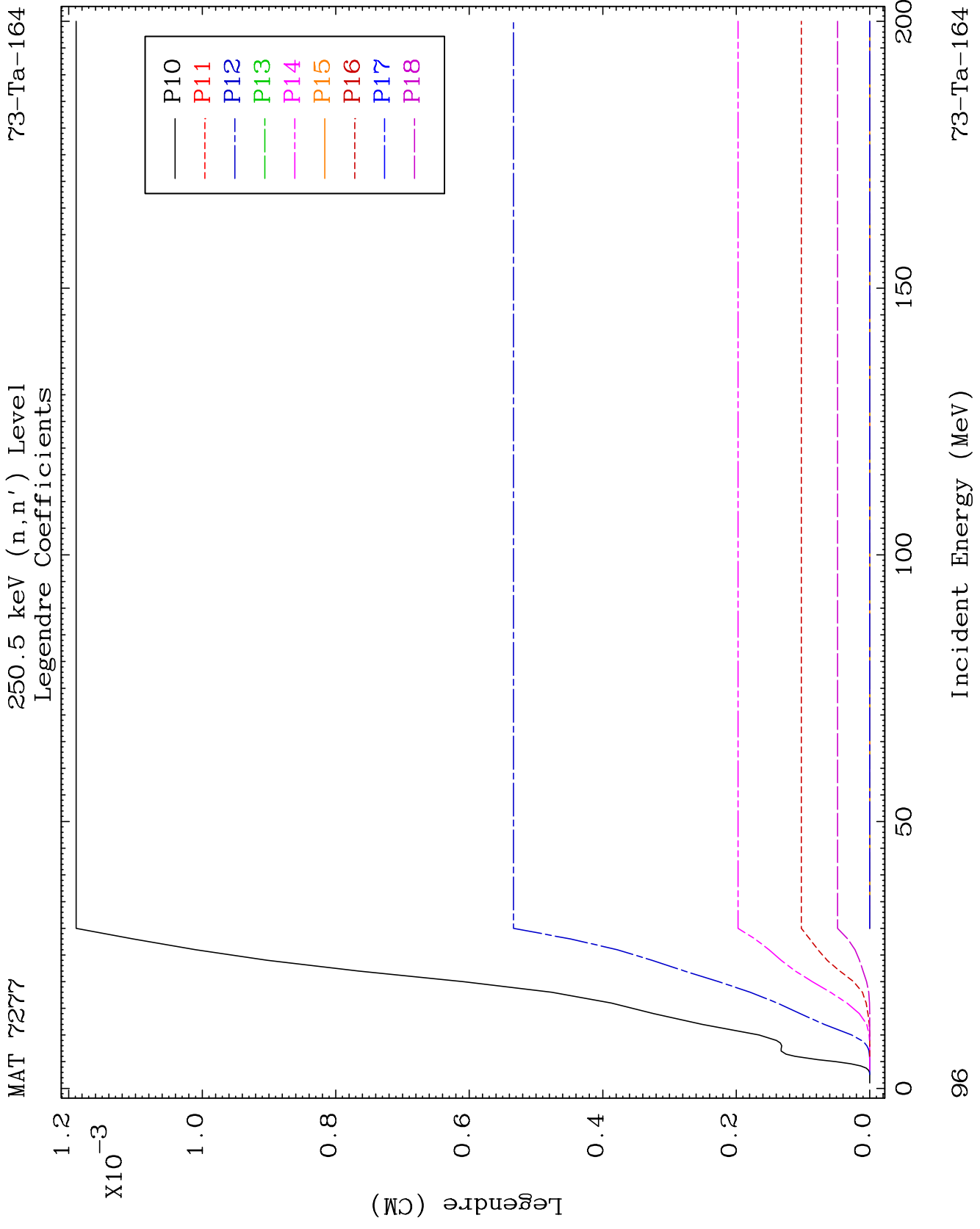
73-Ta-164

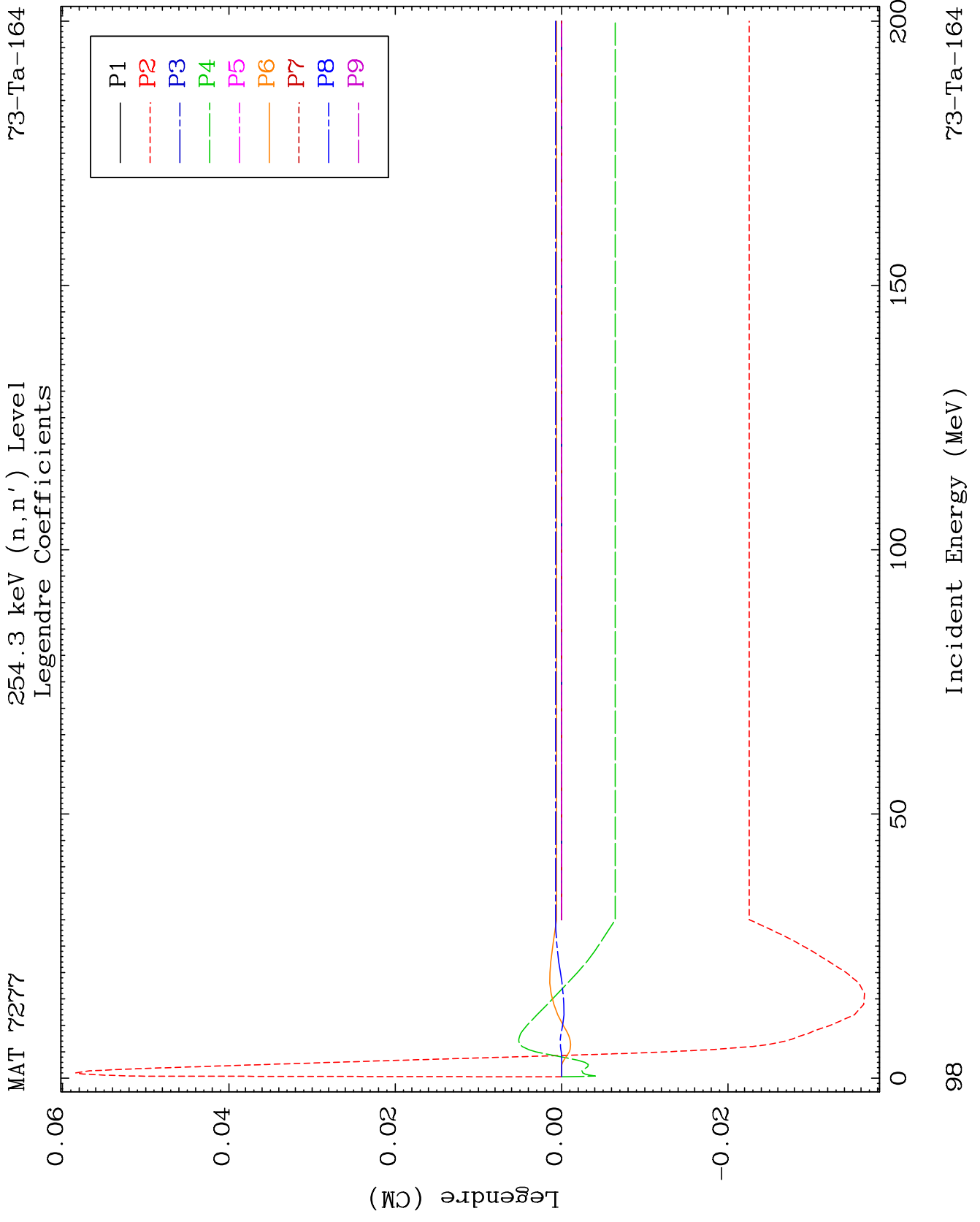
Incident Energy (MeV)

92





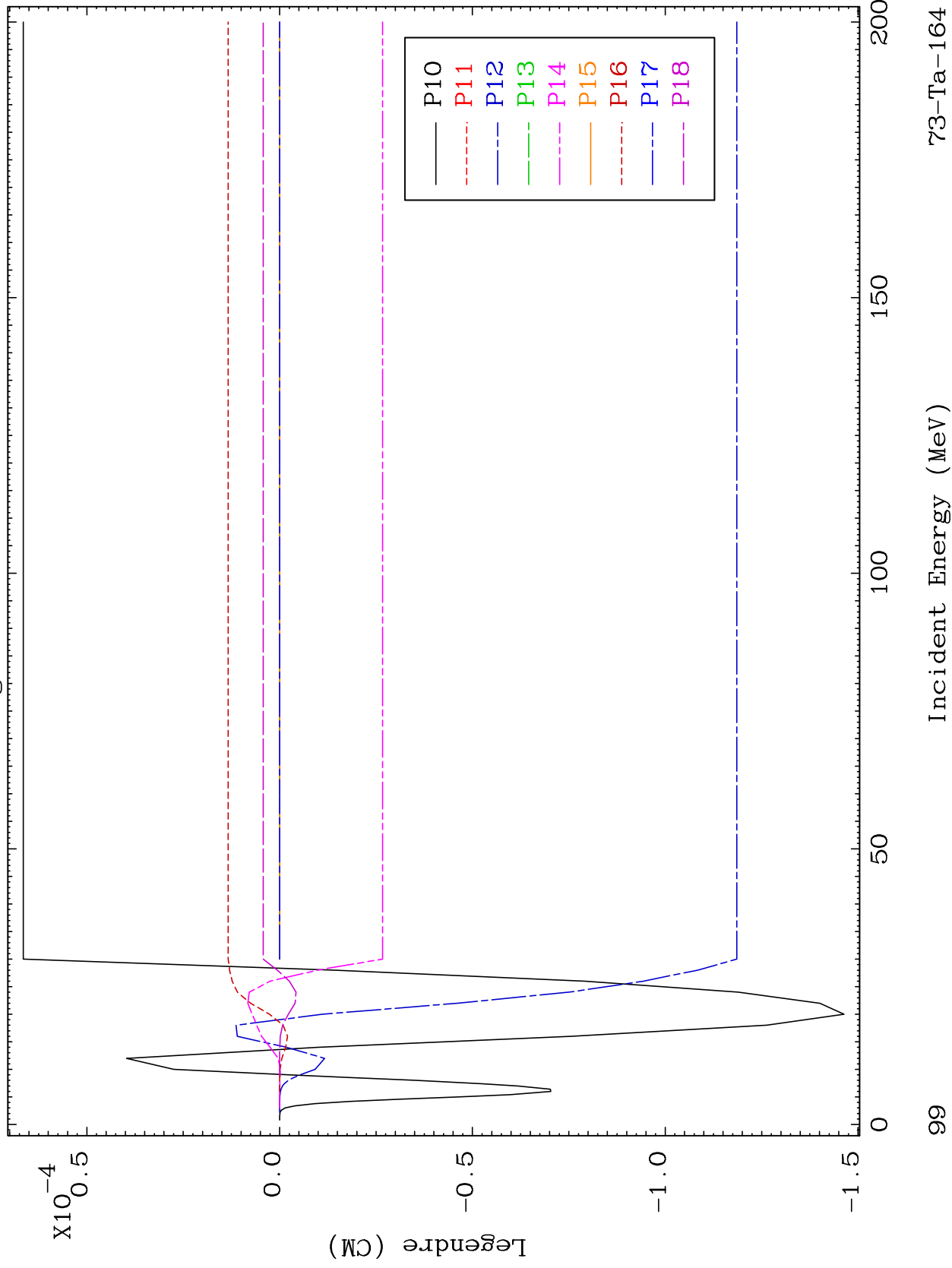




MAT 7277

254.3 keV (n,n') Level
Legendre Coefficients

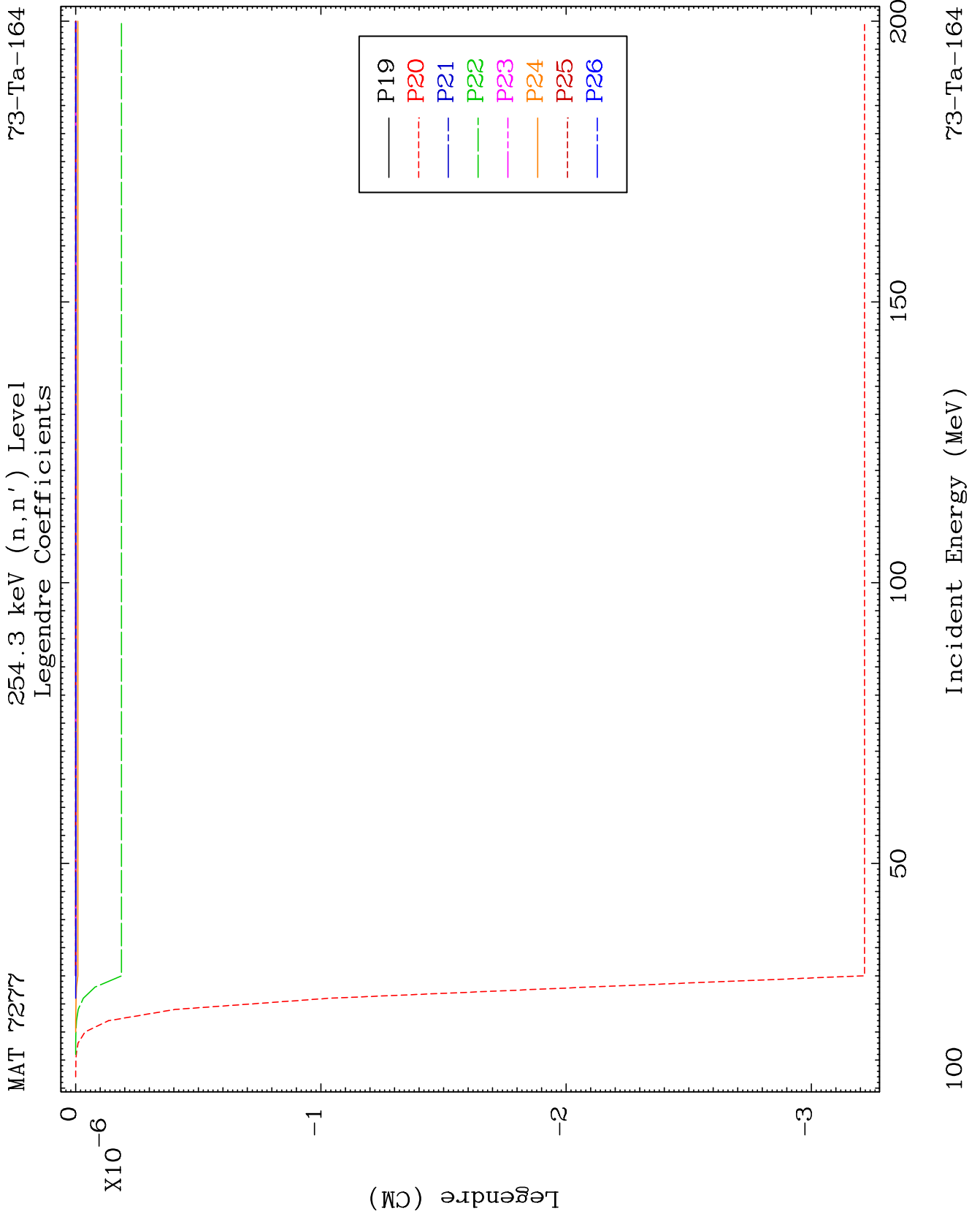
73-Ta-164



99

Incident Energy (MeV)

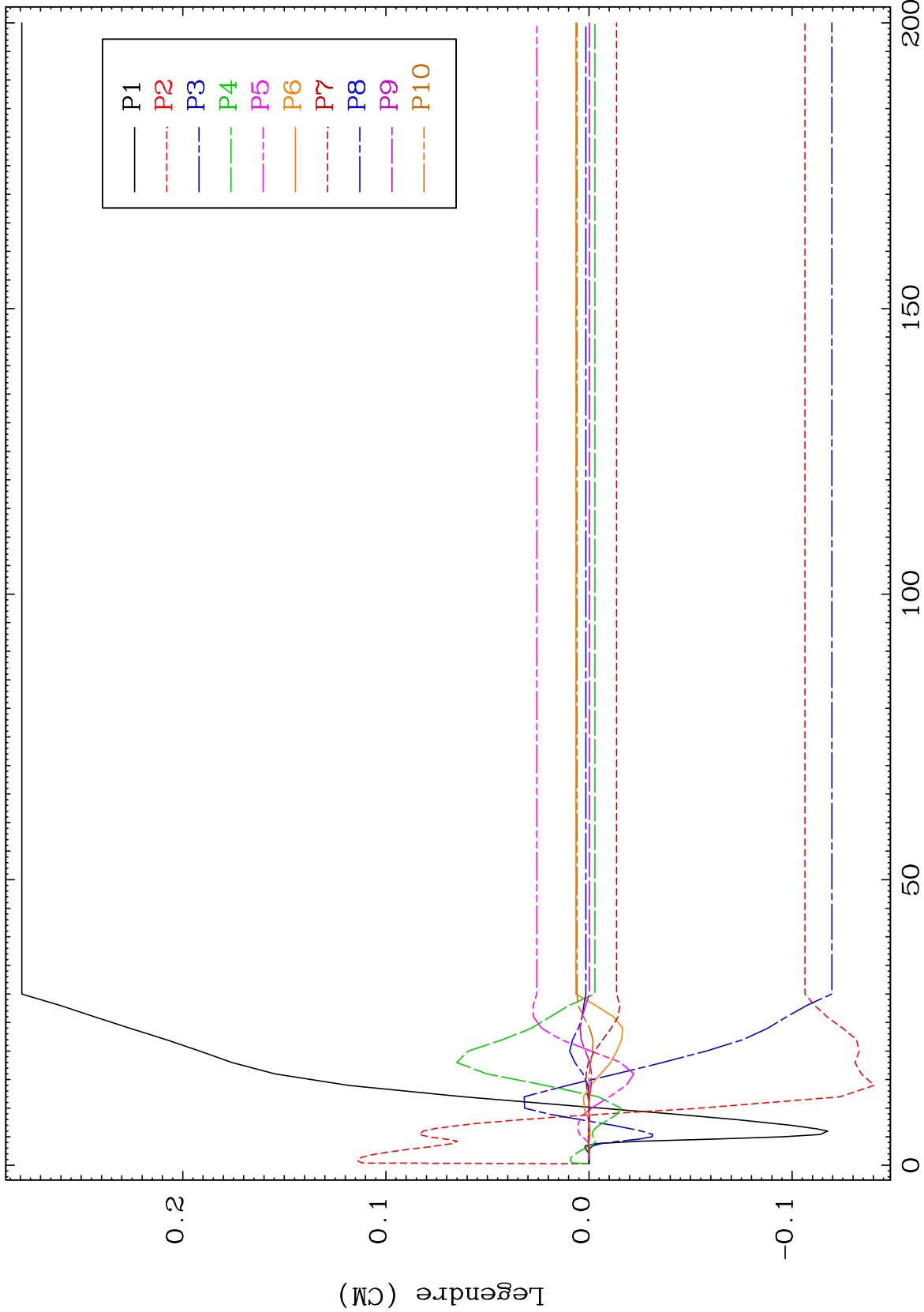
73-Ta-164



MAT 7277

256.5 keV (n,n') Level
Legendre Coefficients

73-Ta-164



73-Ta-164

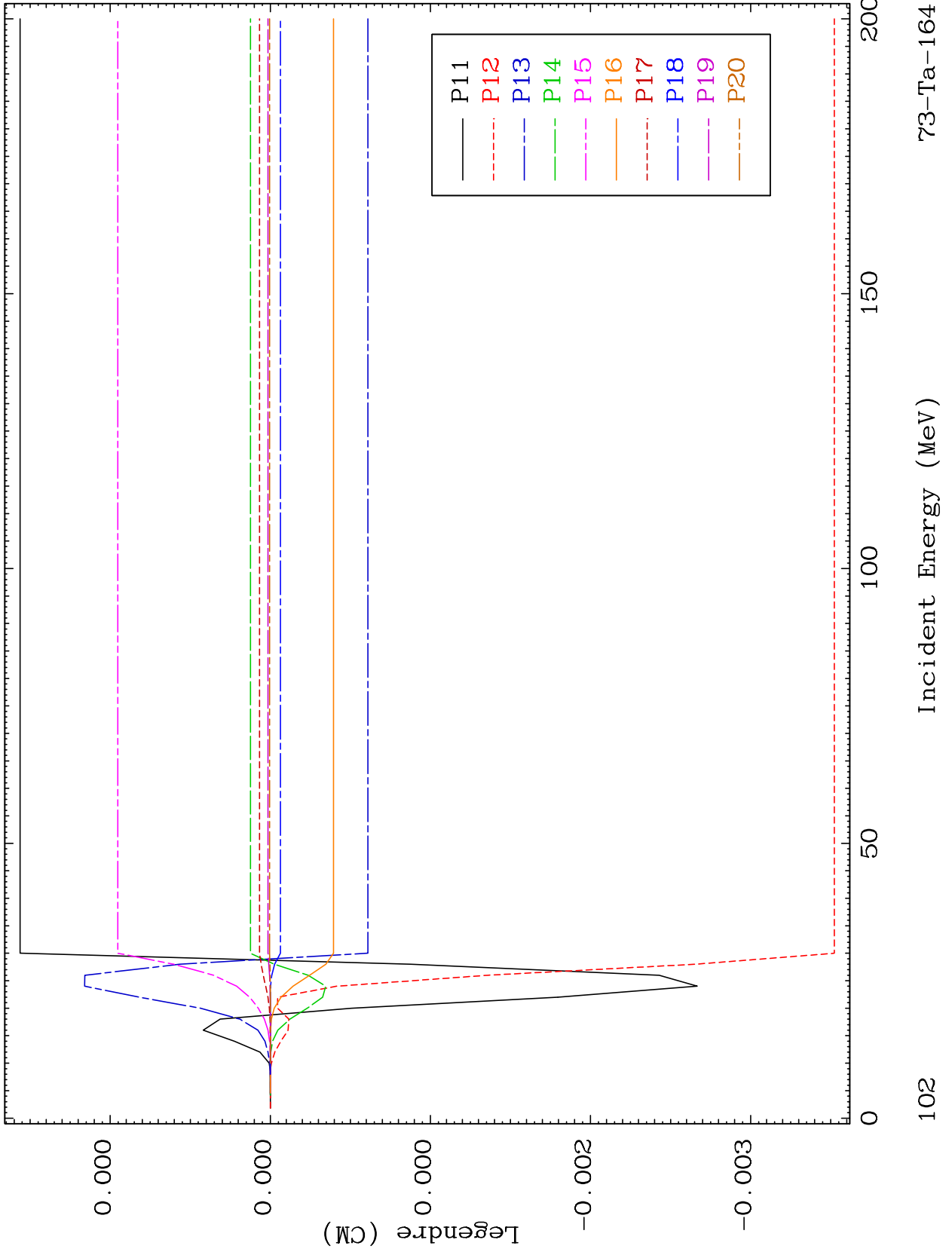
Incident Energy (MeV)

101

MAT 7277

256.5 keV (n,n') Level
Legendre Coefficients

73-Ta-164



102

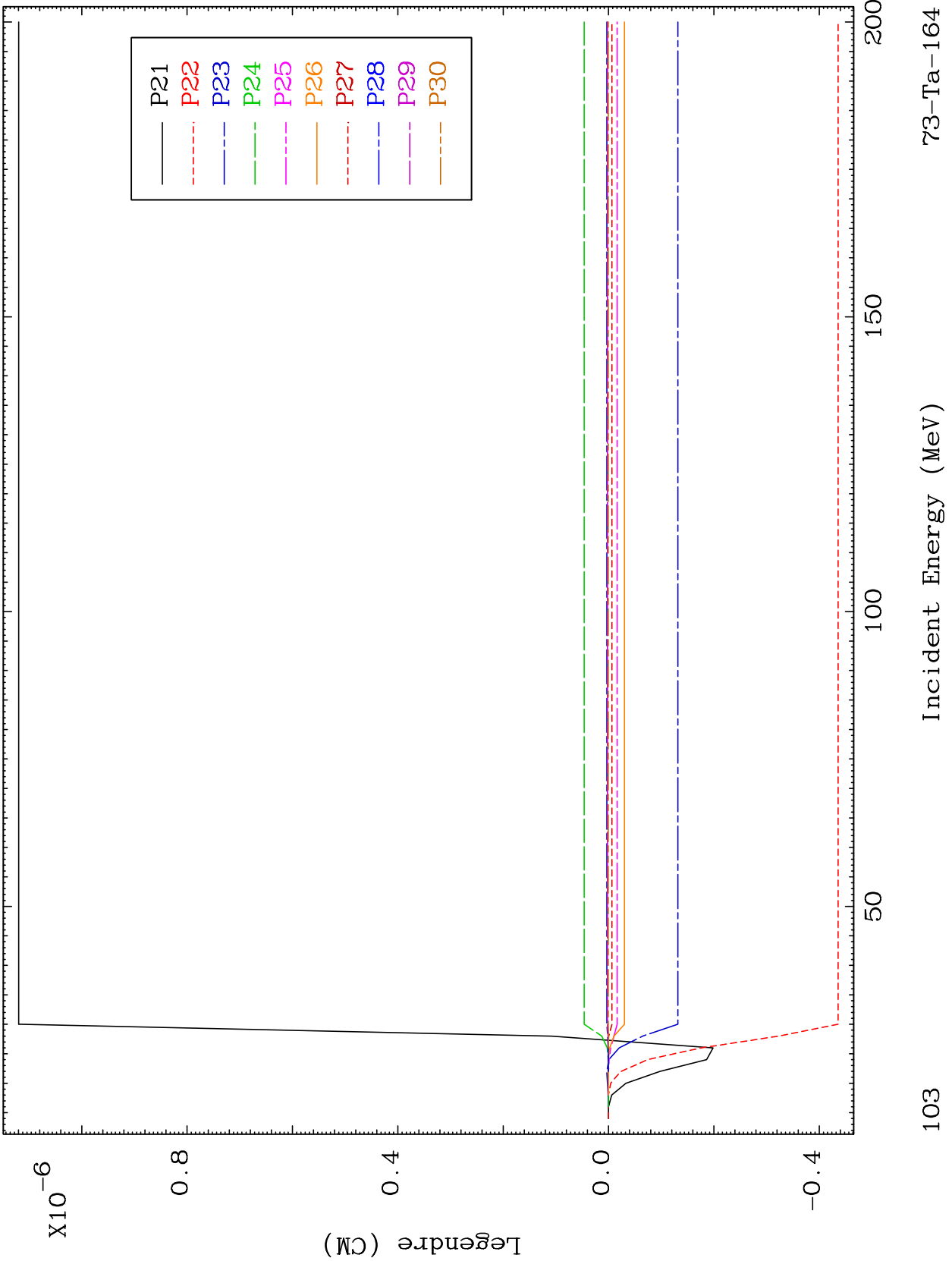
Incident Energy (MeV)

73-Ta-164

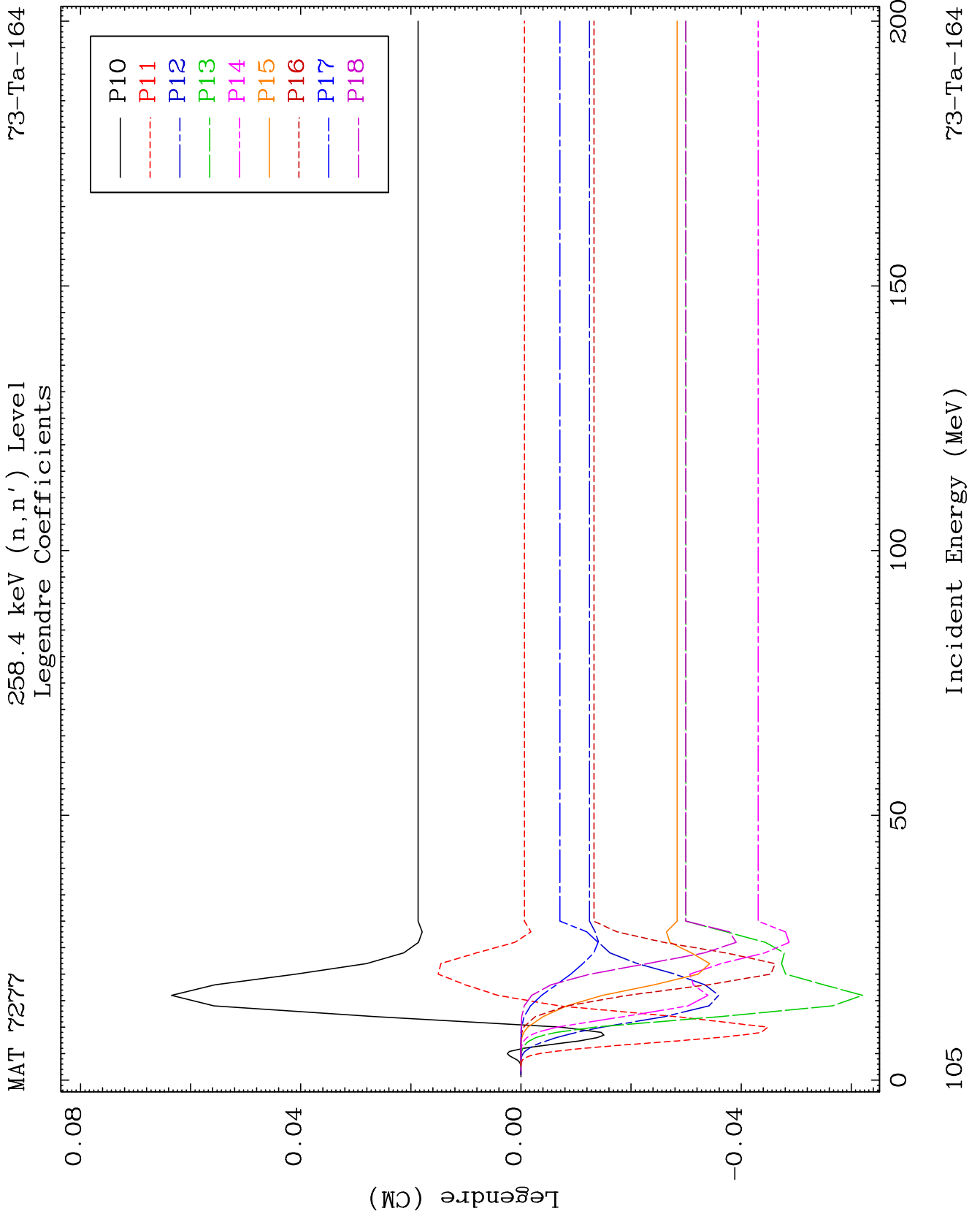
MAT 7277

256.5 keV (n,n') Level
Legendre Coefficients

73-Ta-164



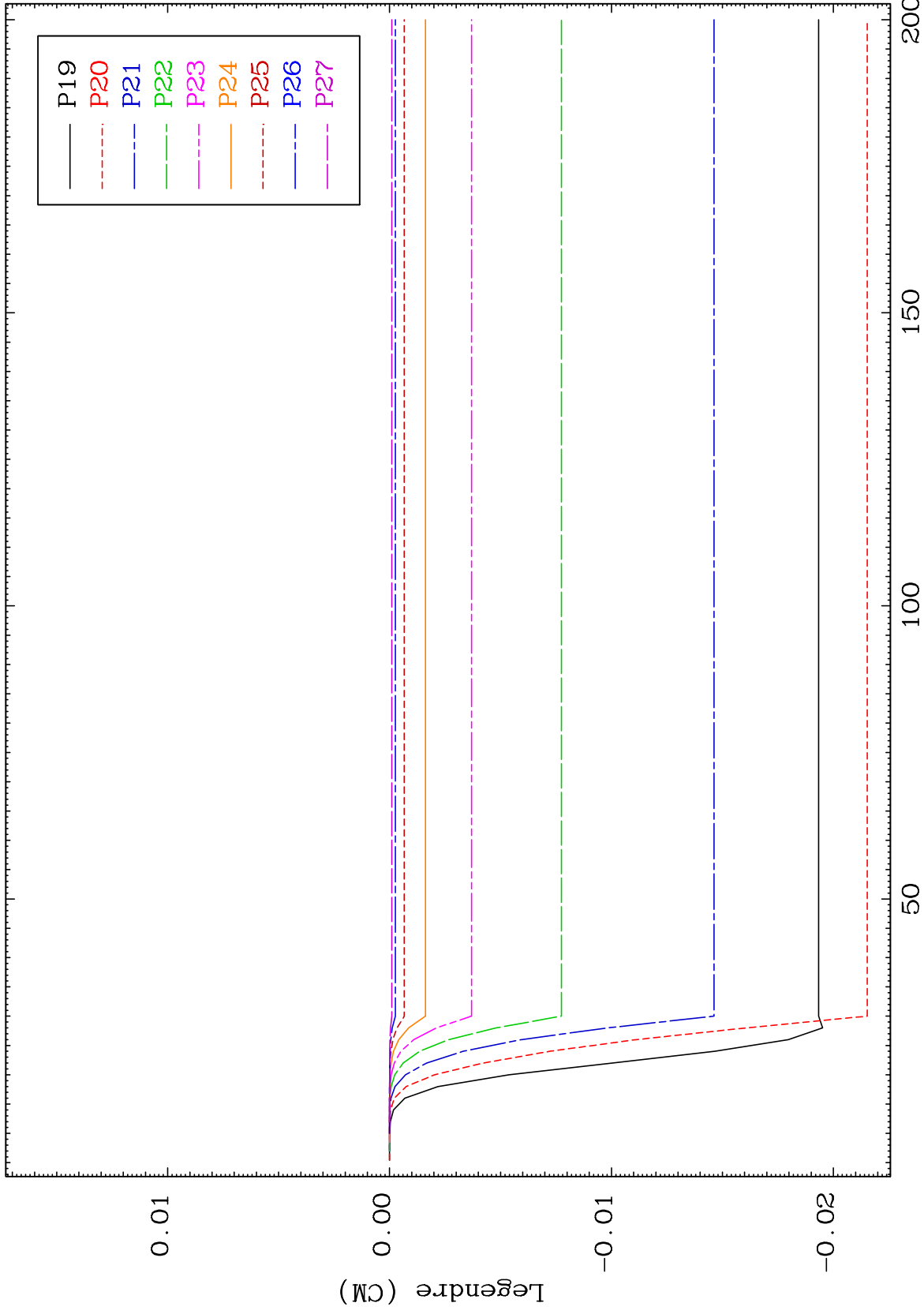
103



MAT 7277

258.4 keV (n,n') Level
Legendre Coefficients

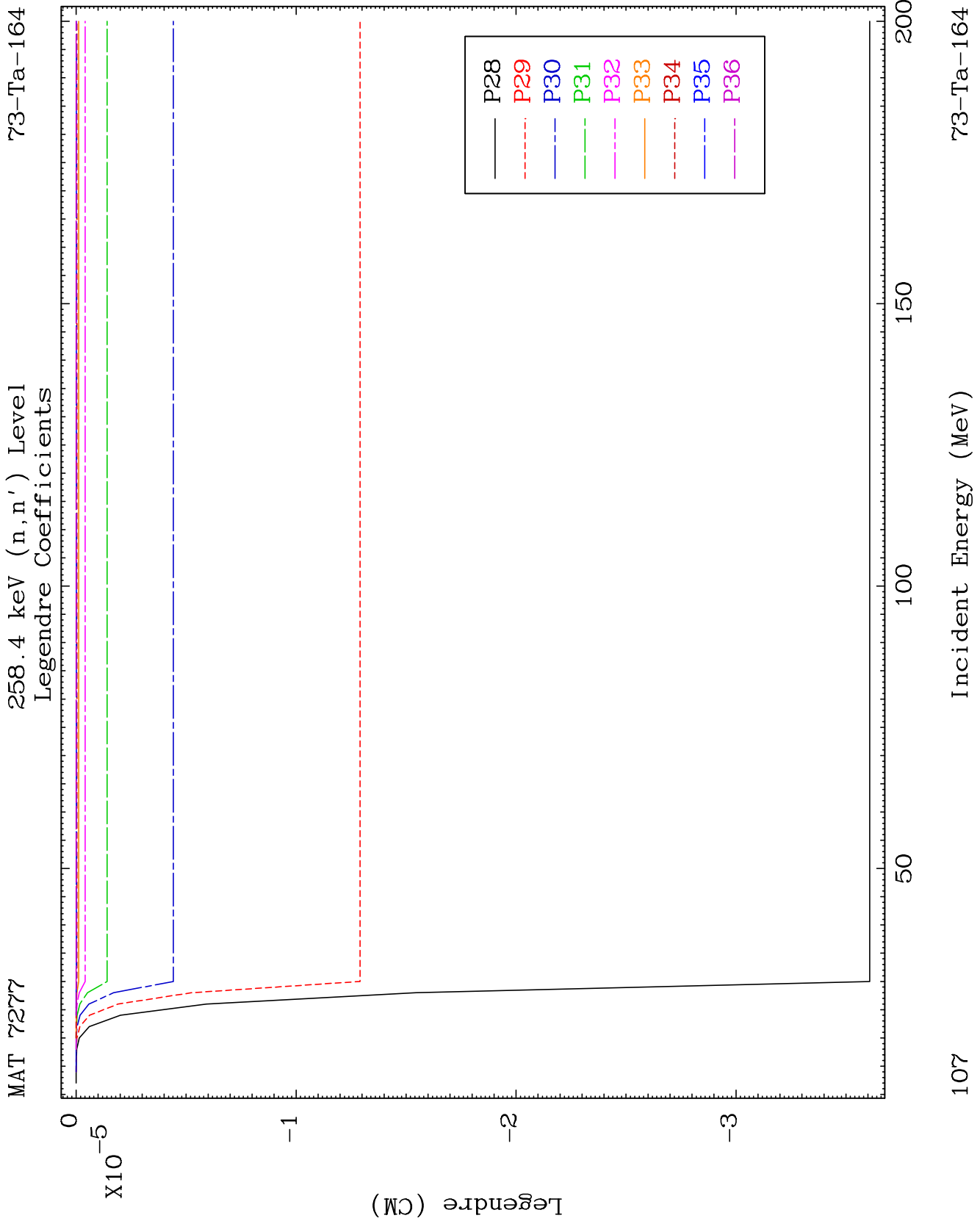
73-Ta-164



106

Incident Energy (MeV)

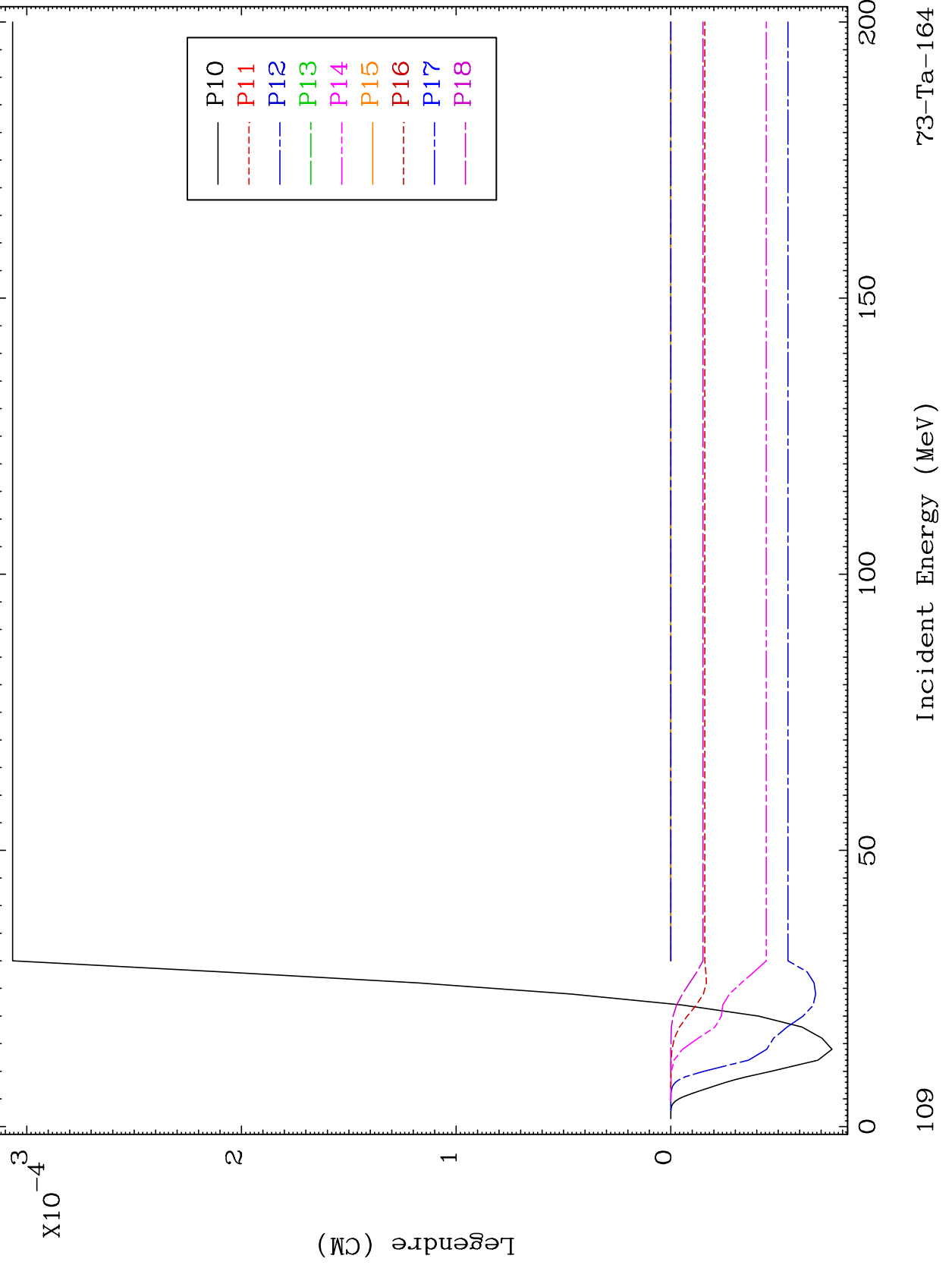
73-Ta-164

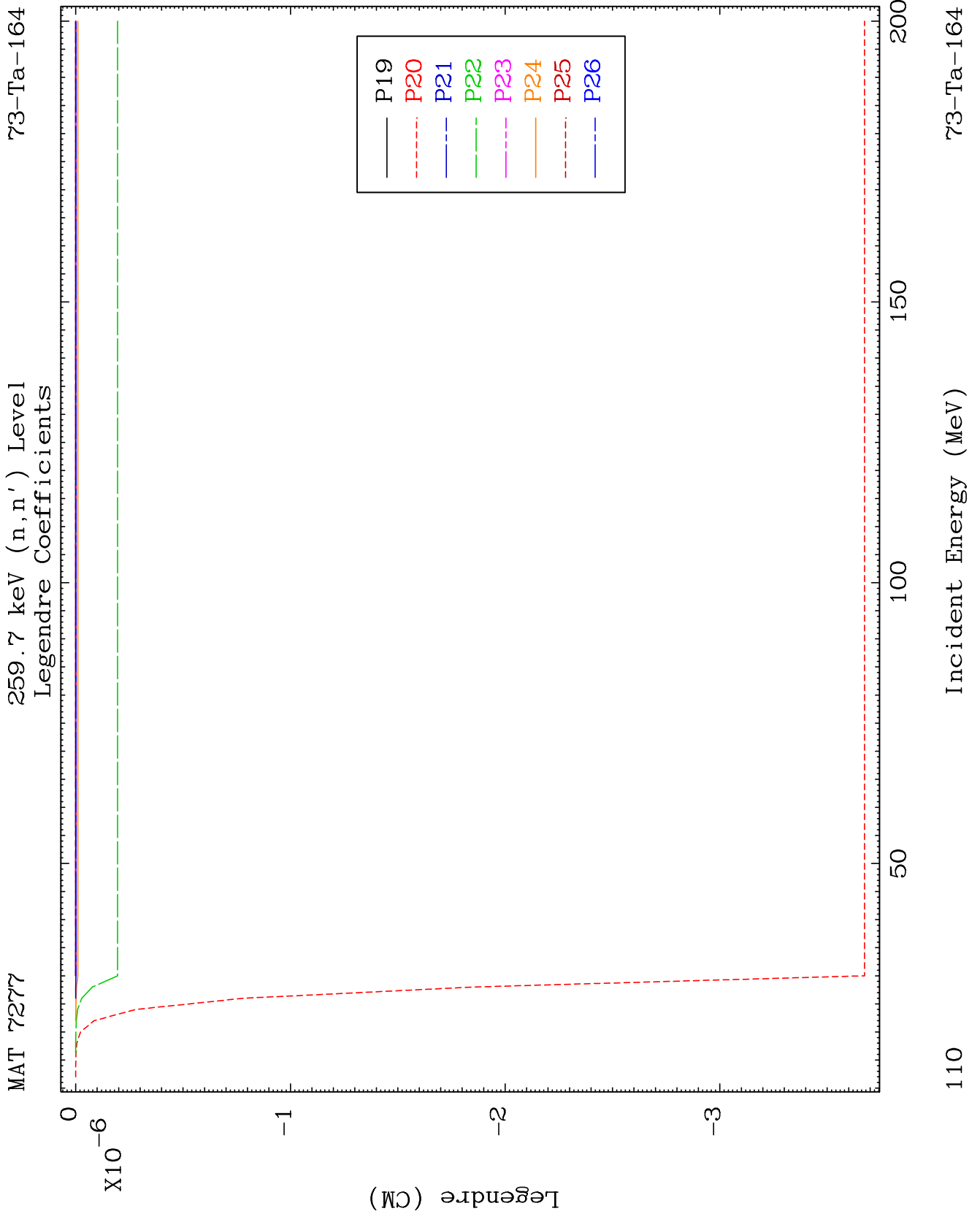


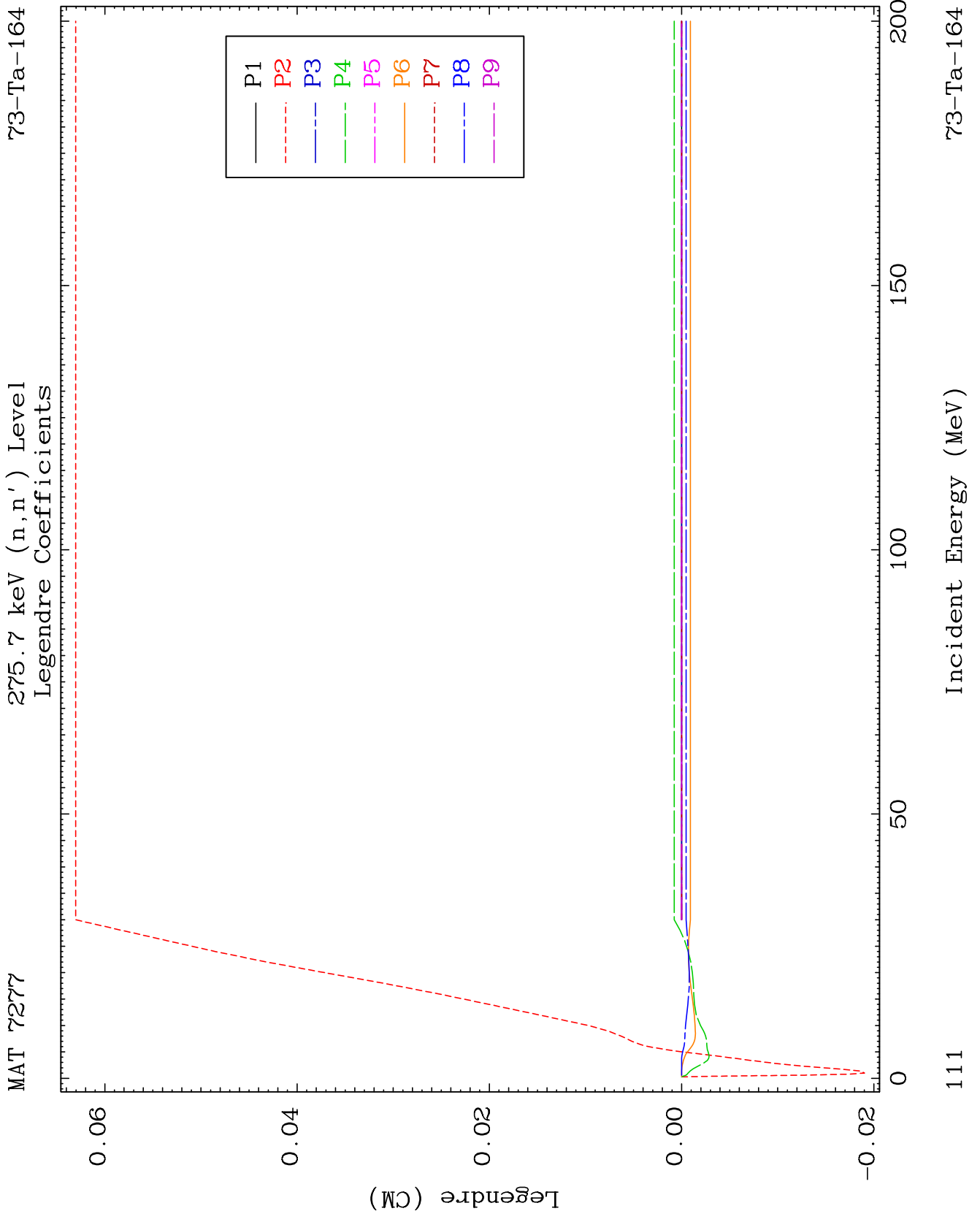
MAT 7277

259.7 keV (n,n') Level
Legendre Coefficients

73-Ta-164



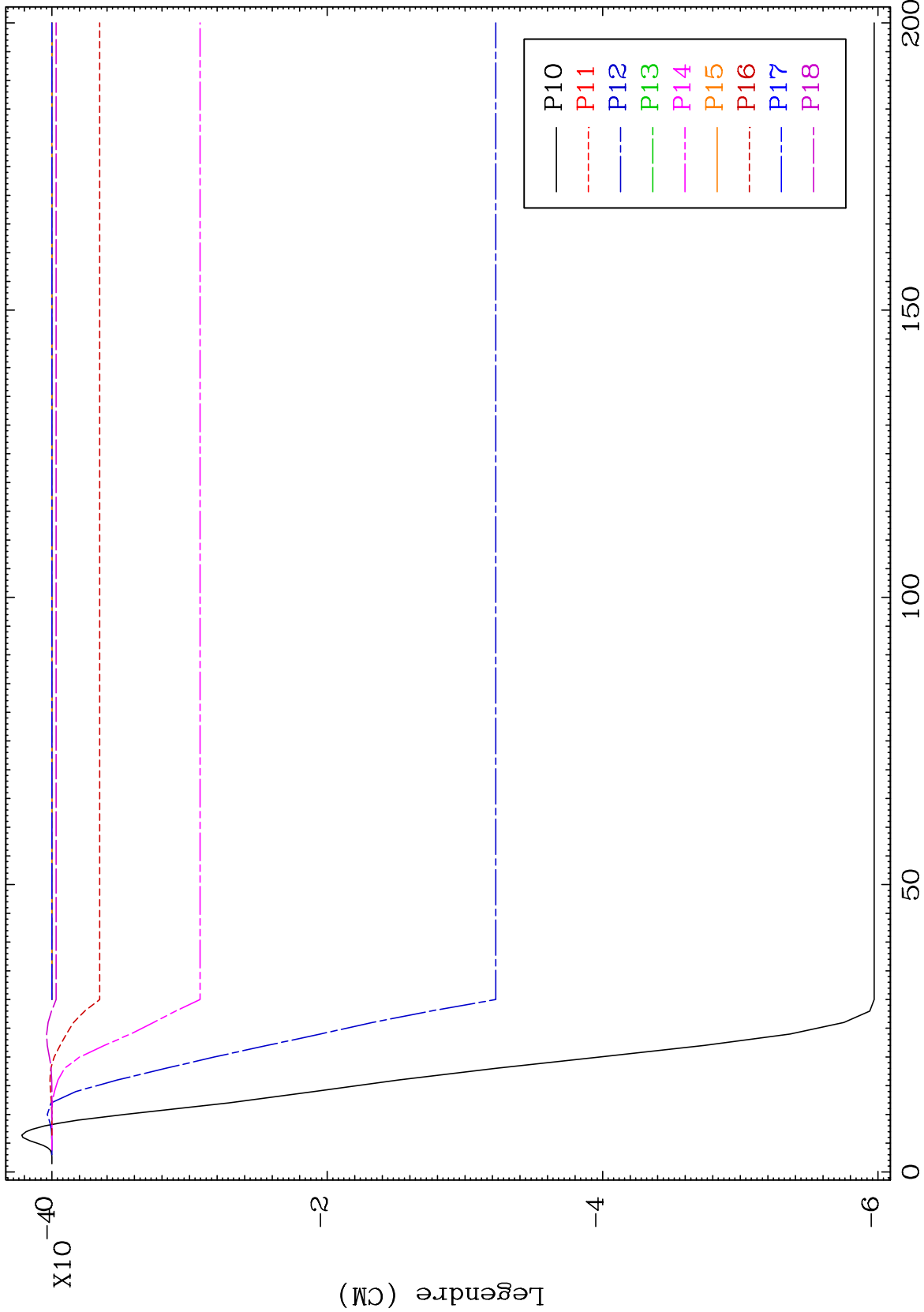




MAT 7277

275.7 keV (n,n') Level
Legendre Coefficients

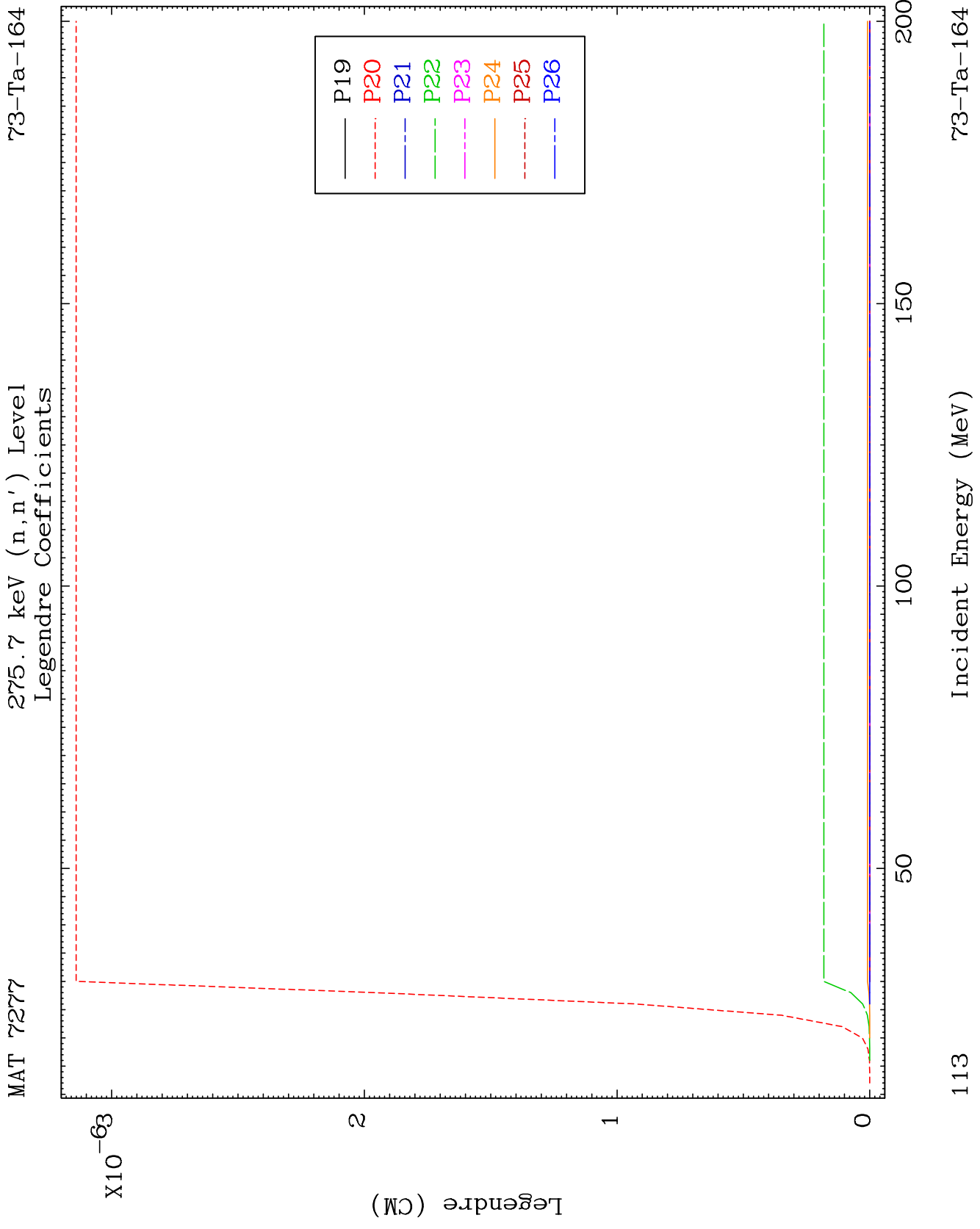
73-Ta-164



112

Incident Energy (MeV)

73-Ta-164

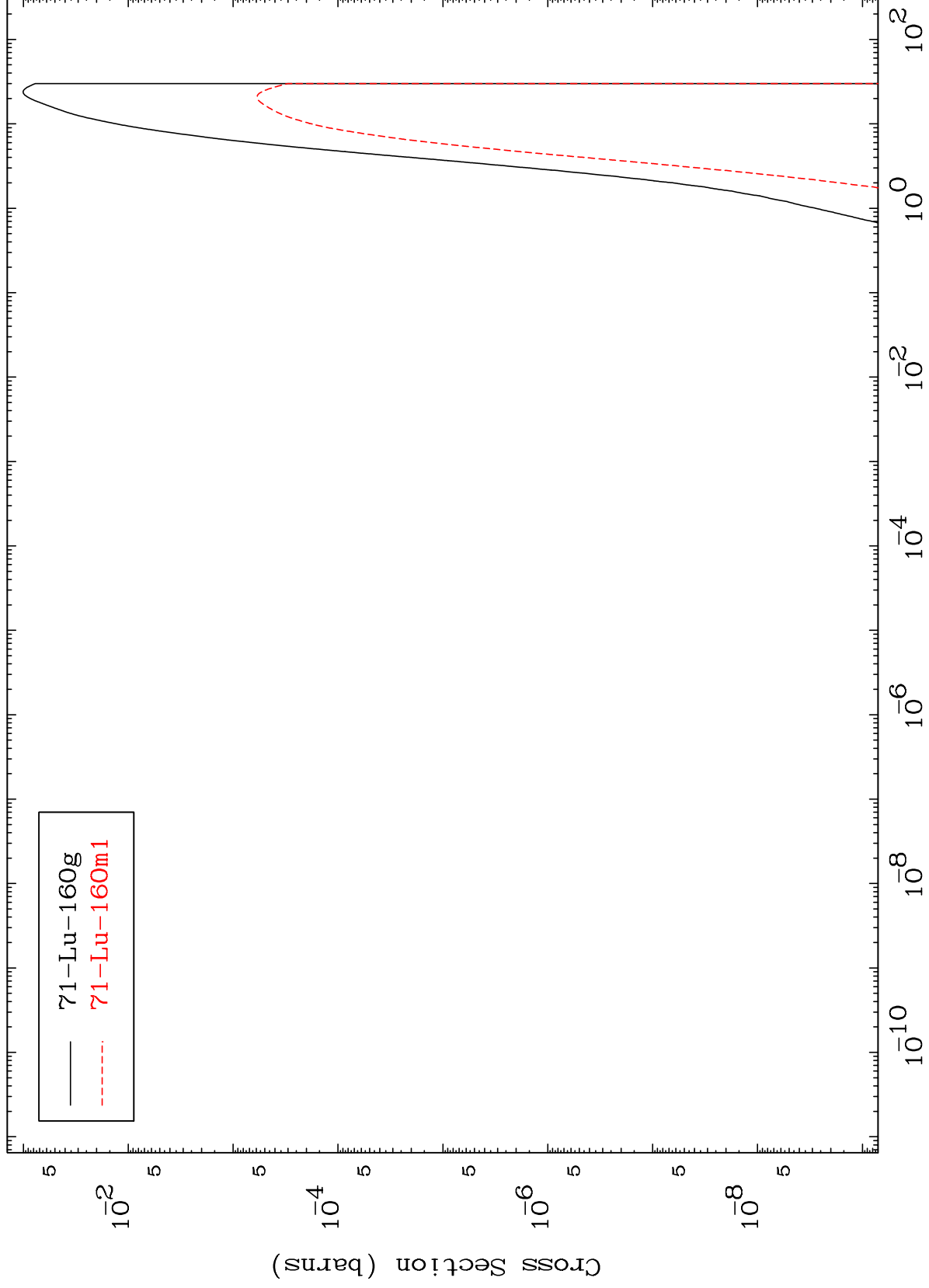


MAT 7277

$(n, n') \alpha$

$^{73}\text{Ta-164}$

Radionuclide Production Cross Section



114

Incident Energy (MeV)

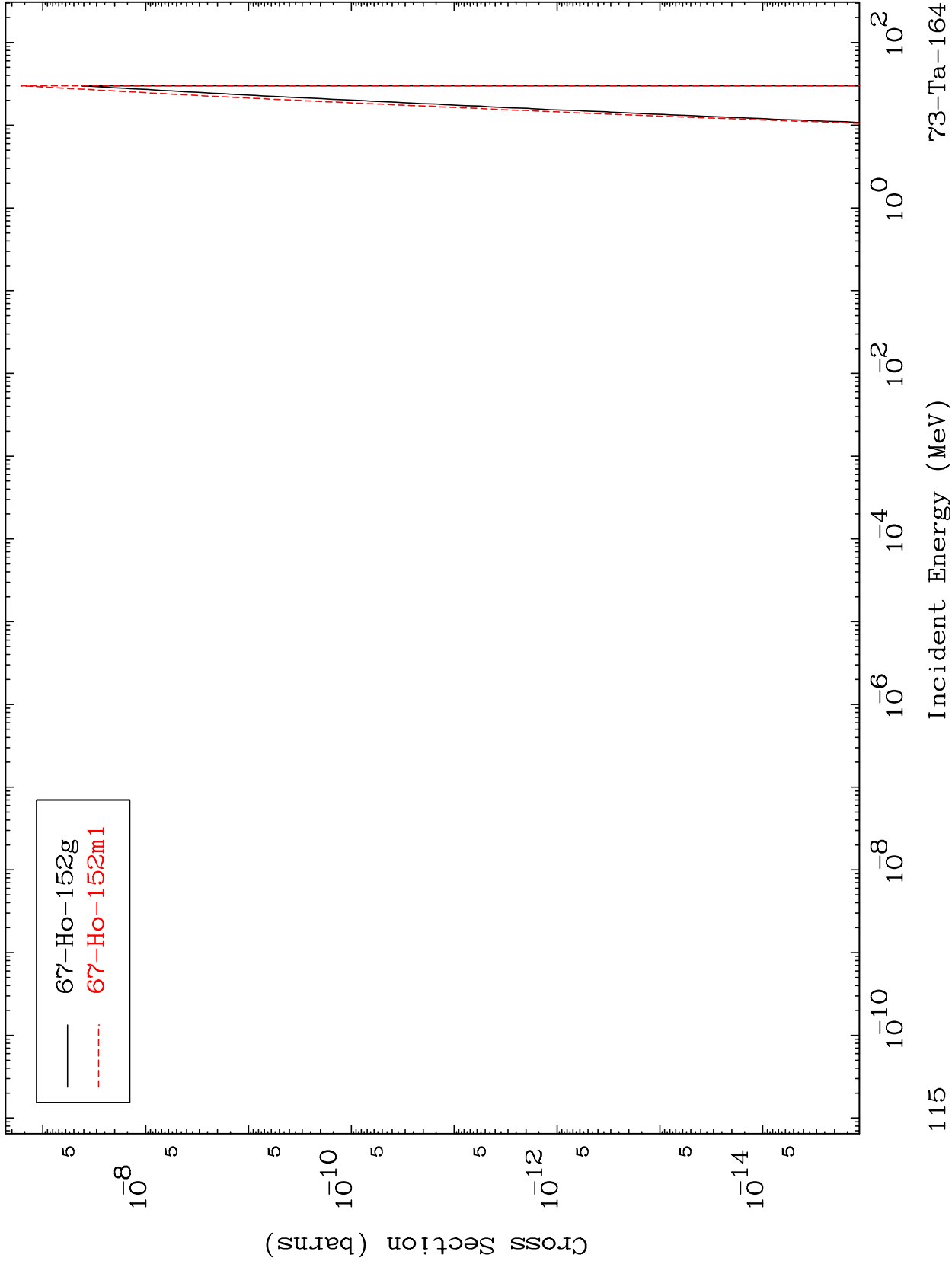
$^{73}\text{Ta-164}$

MAT 7277

(n,n') 3 α

73-Ta-164

Radionuclide Production Cross Section

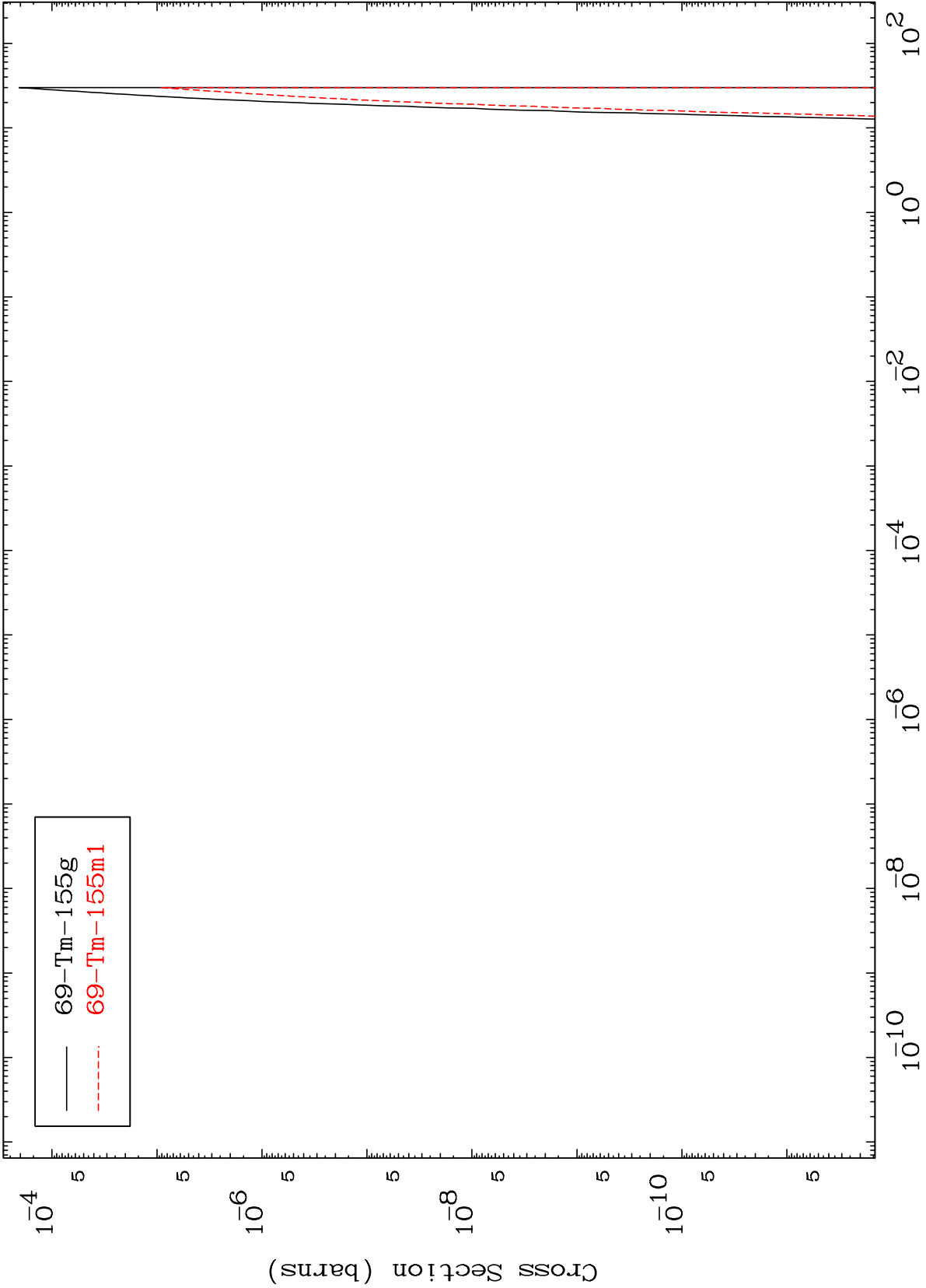


MAT 7277

(n,2n) 2α

73-Ta-164

Radionuclide Production Cross Section

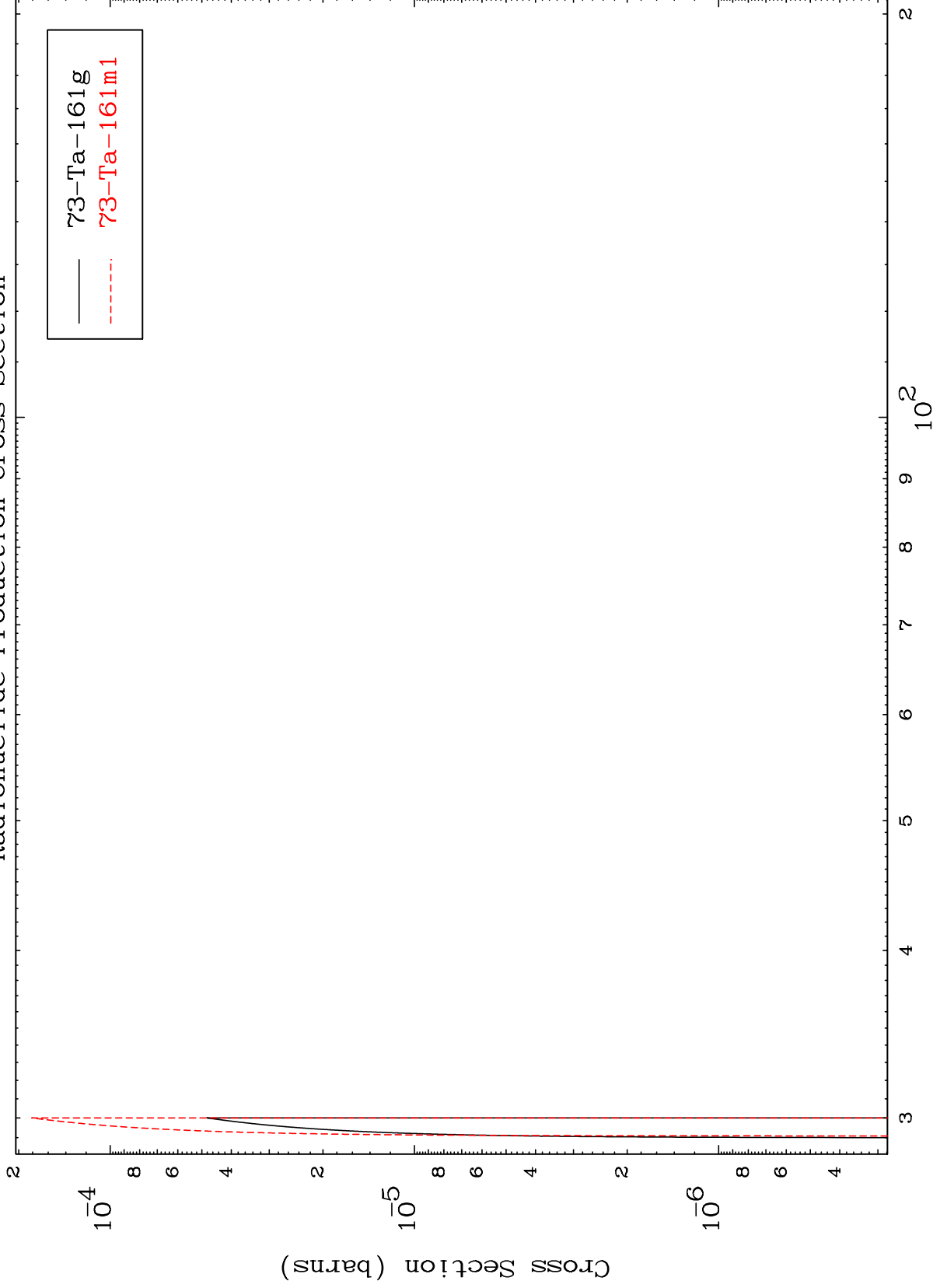


MAT 7277

(n,4n)

⁷³Ta-164

Radionuclide Production Cross Section



117

Incident Energy (MeV)

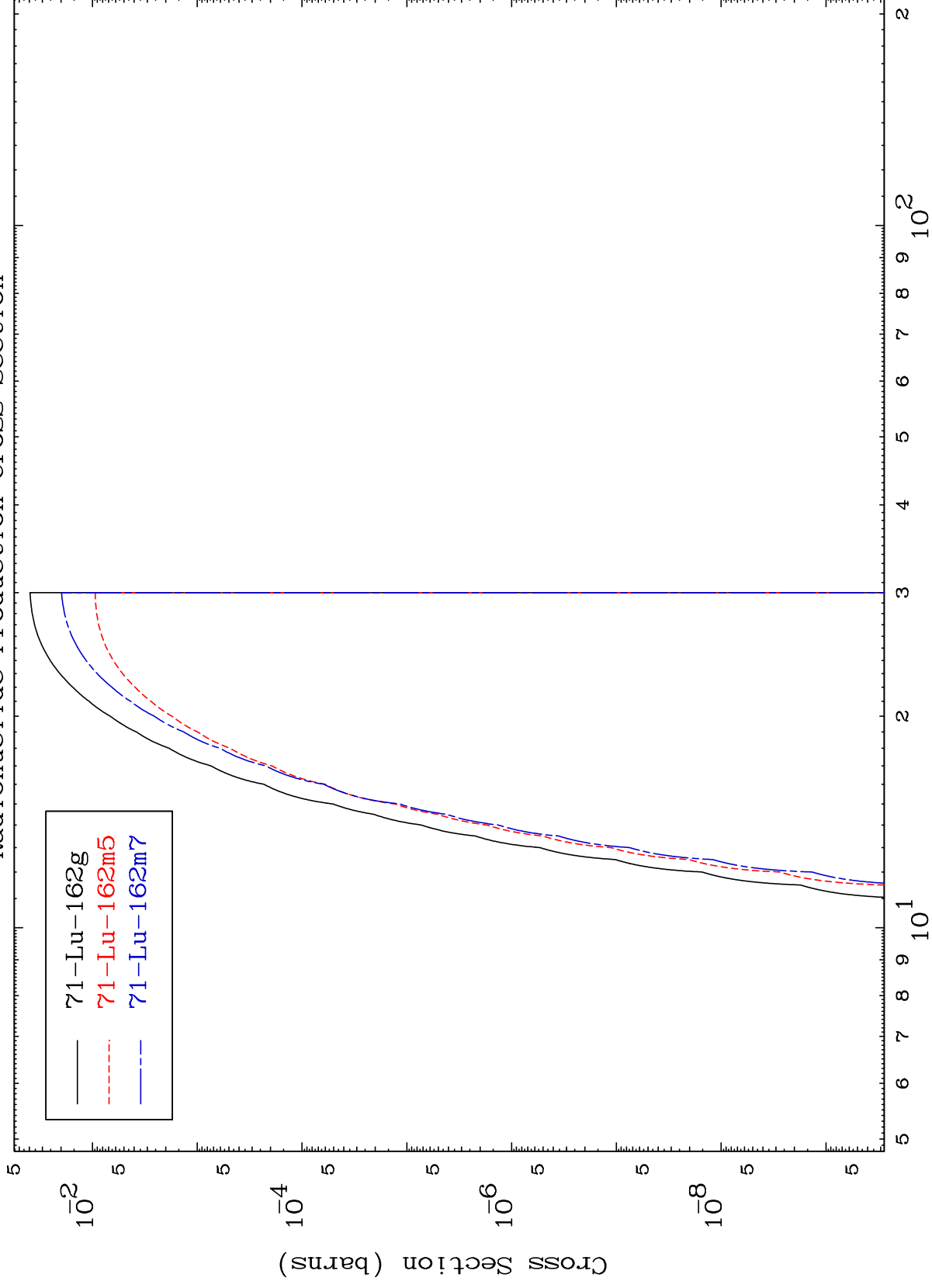
⁷³Ta-164

MAT 7277

(n,2n) p

73-Ta-164

Radionuclide Production Cross Section



118

Incident Energy (MeV)

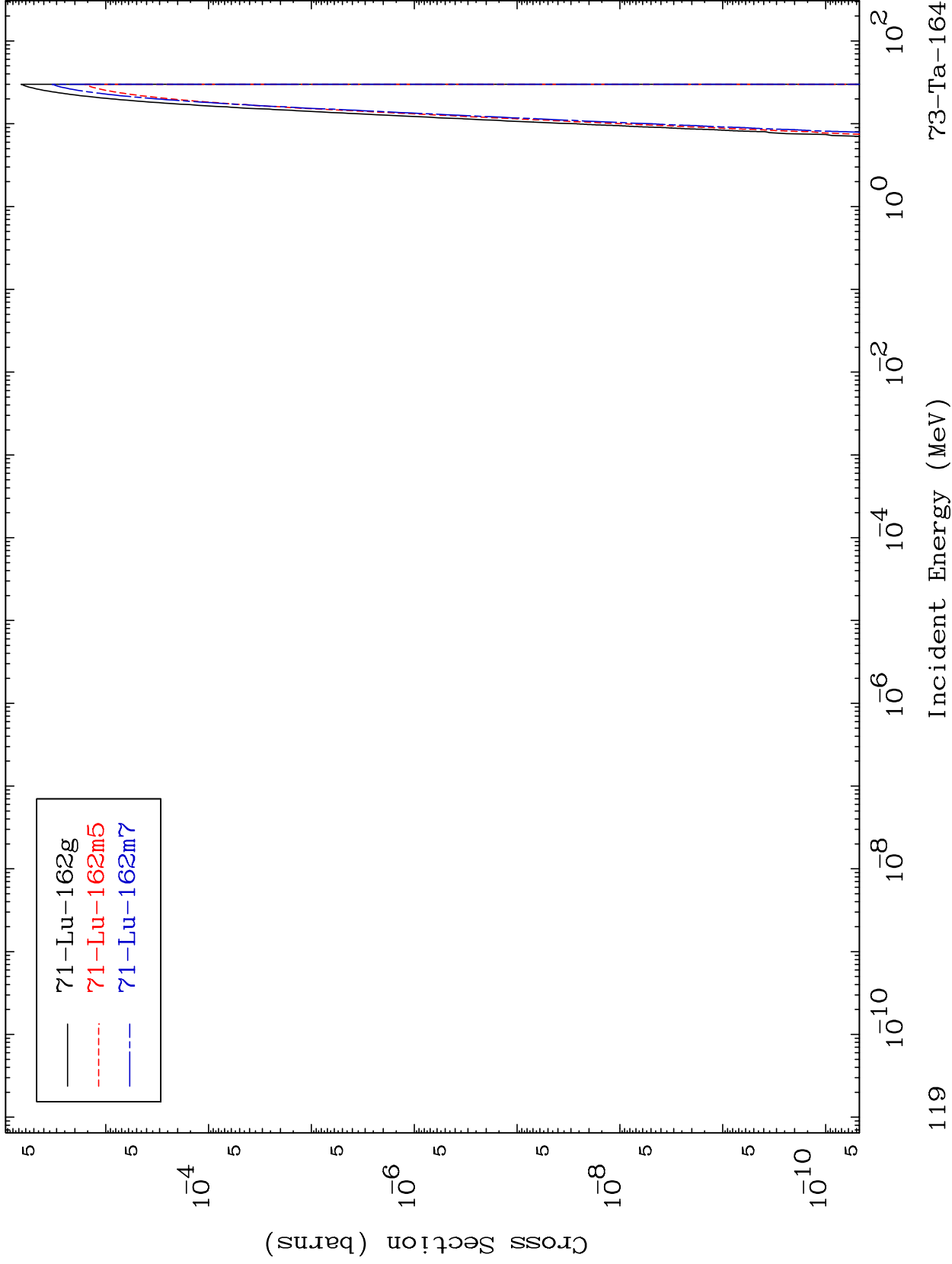
73-Ta-164

MAT 7277

(n,He-3)

73-Ta-164

Radionuclide Production Cross Section

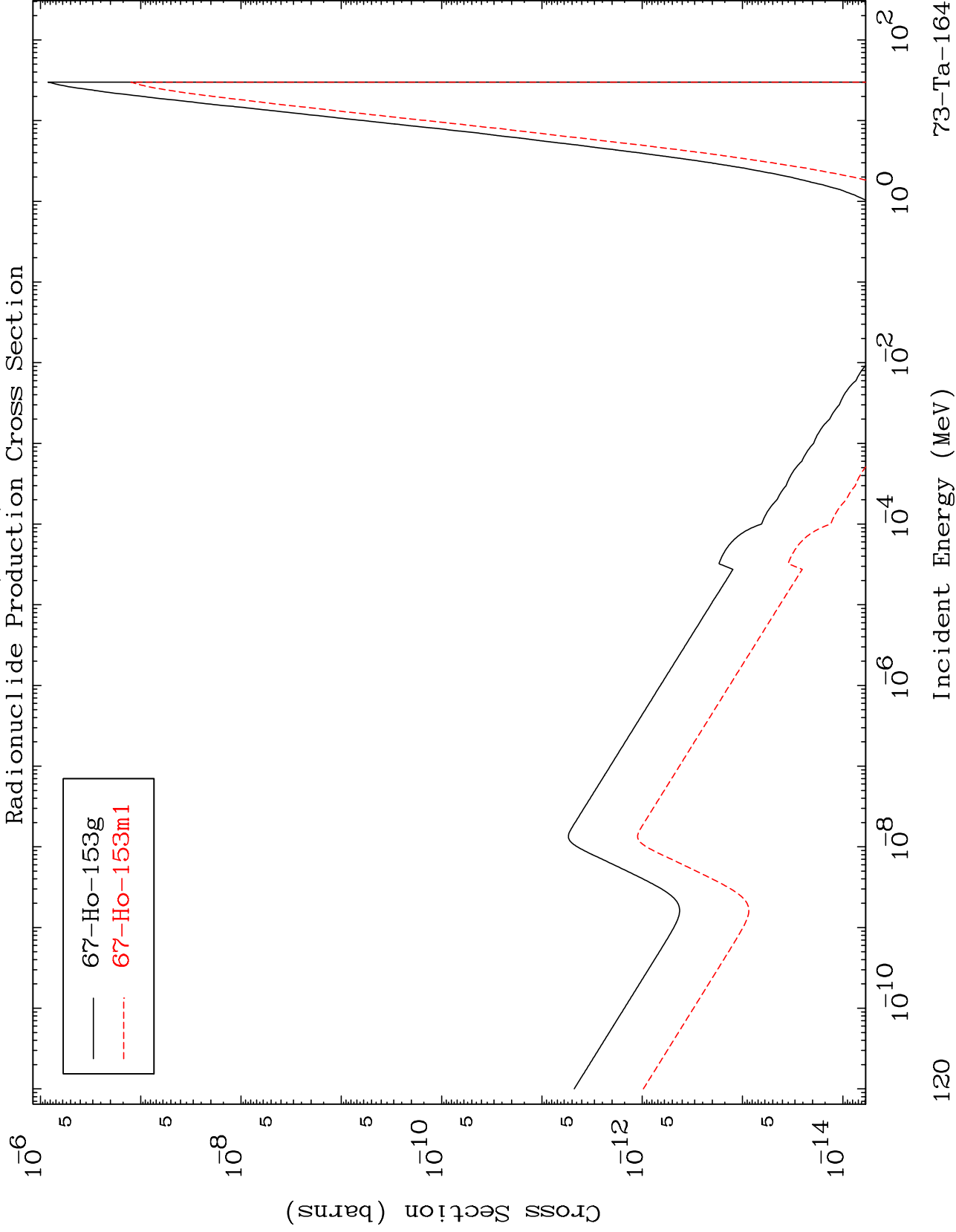


MAT 7277

(n, 3 α)

⁷³Ta-164

Radionuclide Production Cross Section



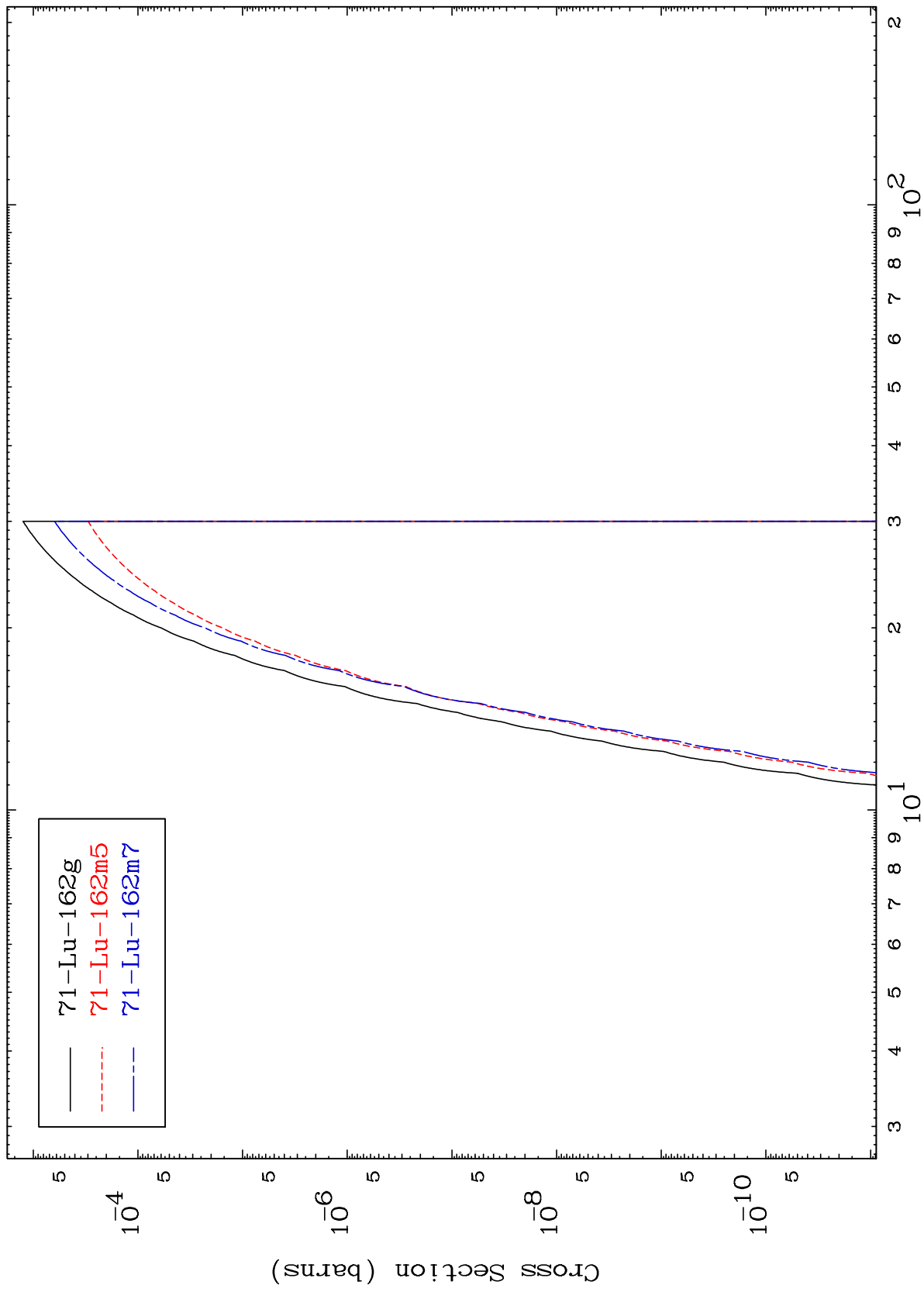
120

MAT 7277

(n,p) d

73-Ta-164

Radionuclide Production Cross Section



121

Incident Energy (MeV)

73-Ta-164