

Program EVALPLOT
(Version 2018-1)

by

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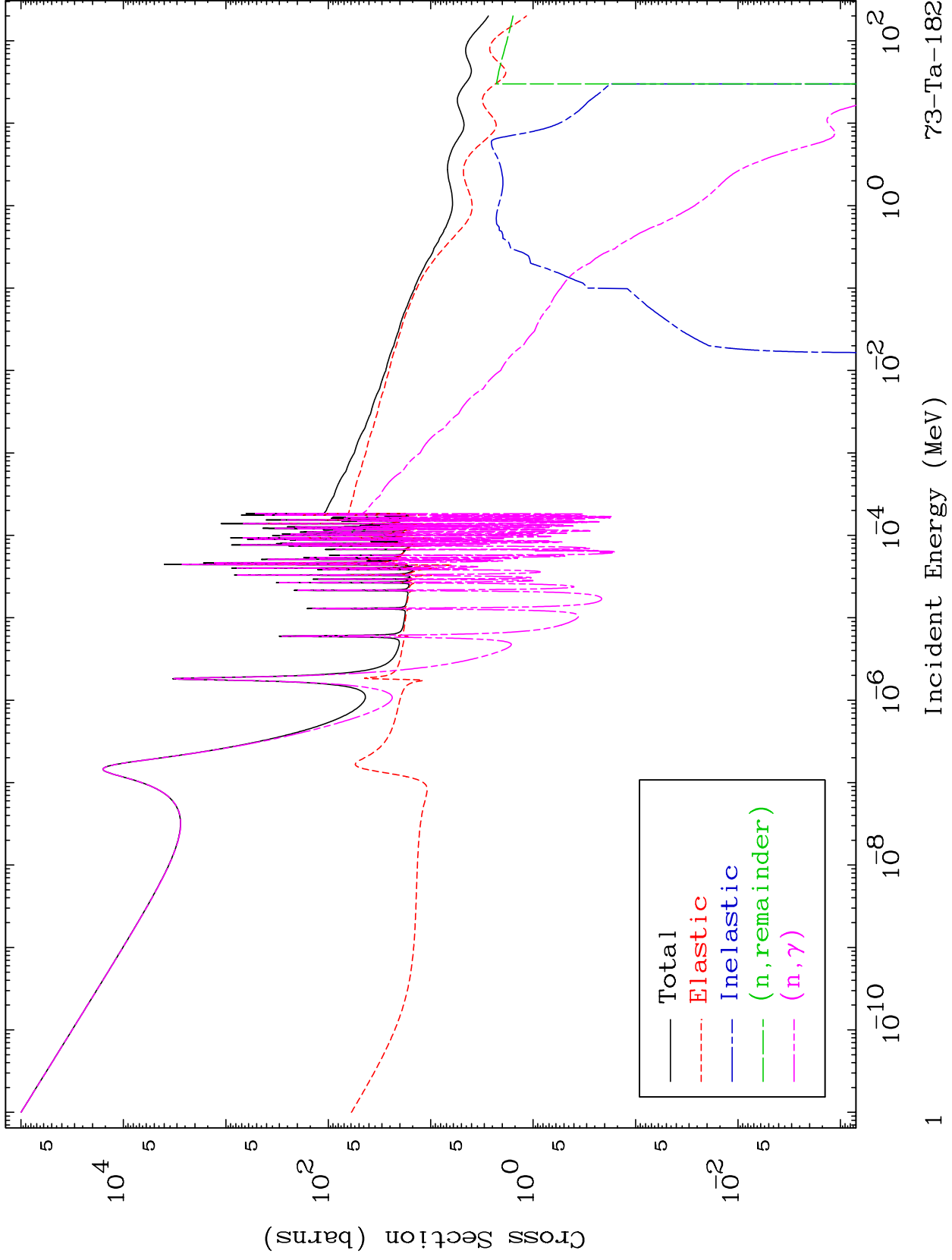
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7331

Major
293 Kelvin Cross Sections

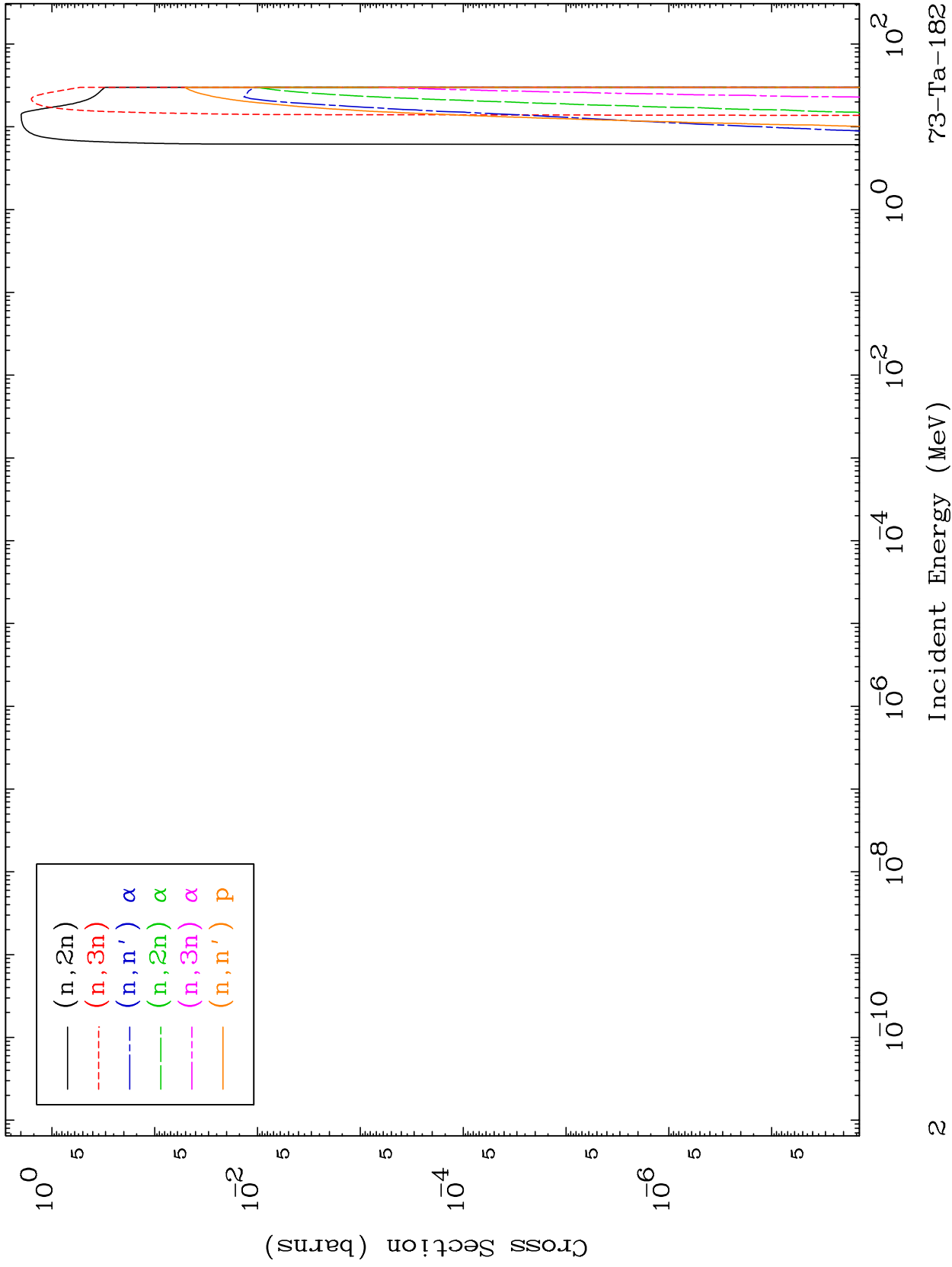
73-Ta-182



MAT 7331

Neutron Production
293 Kelvin Cross Sections

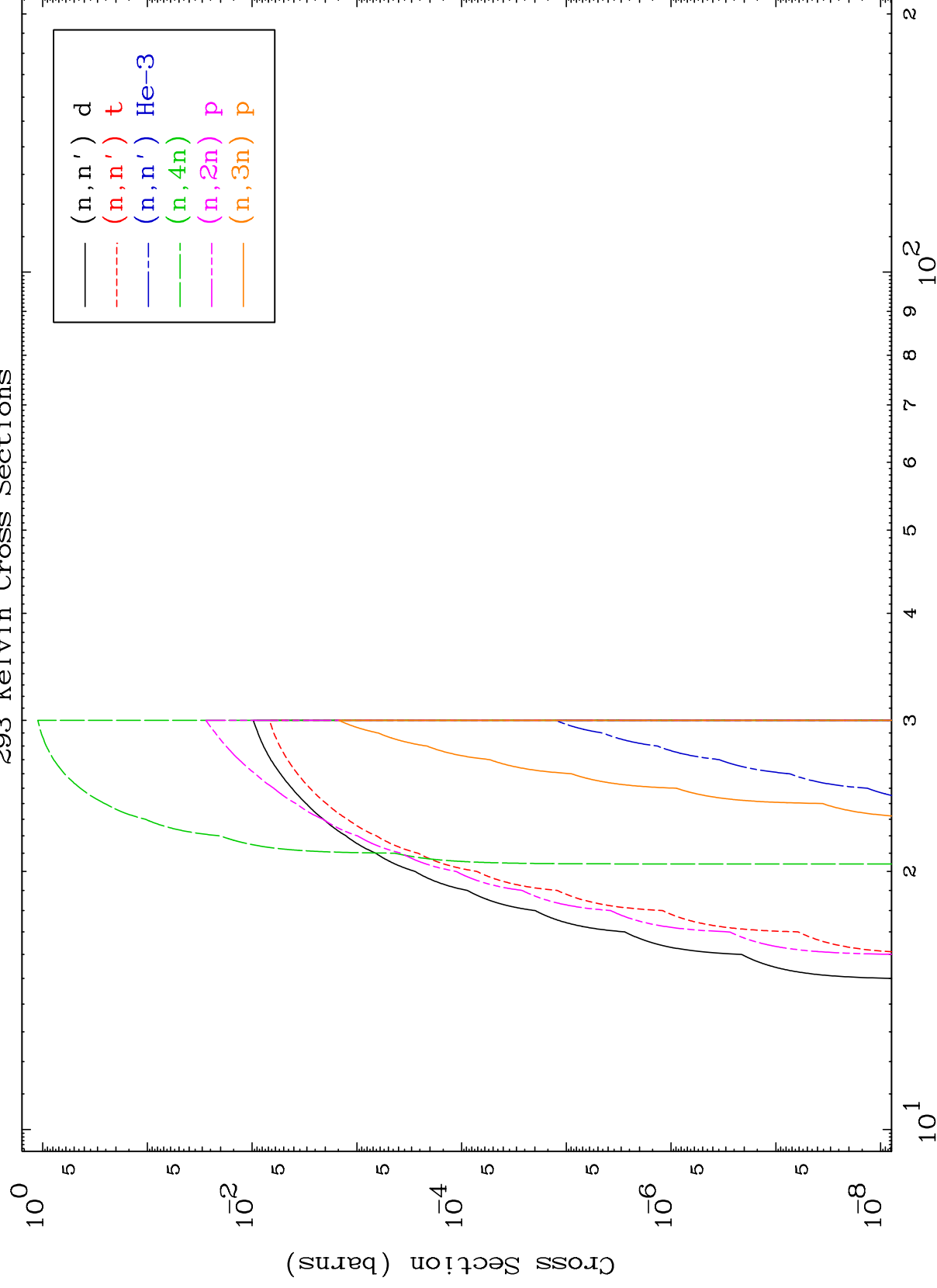
73-Ta-182



MAT 7331

Neutron Production
293 Kelvin Cross Sections

73-Ta-182



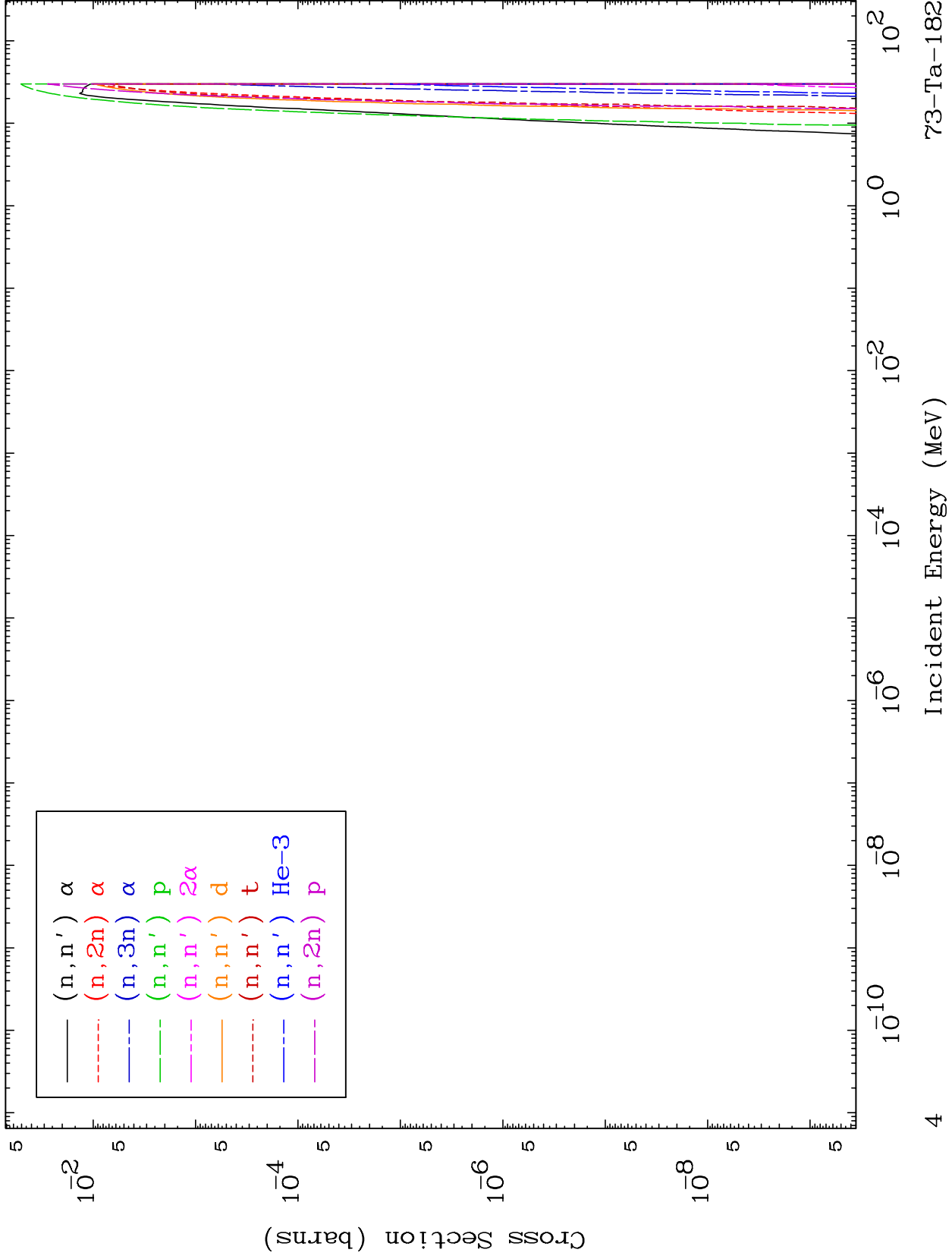
Incident Energy (MeV)

73-Ta-182

MAT 7331

Charged Particle
293 Kelvin Cross Sections

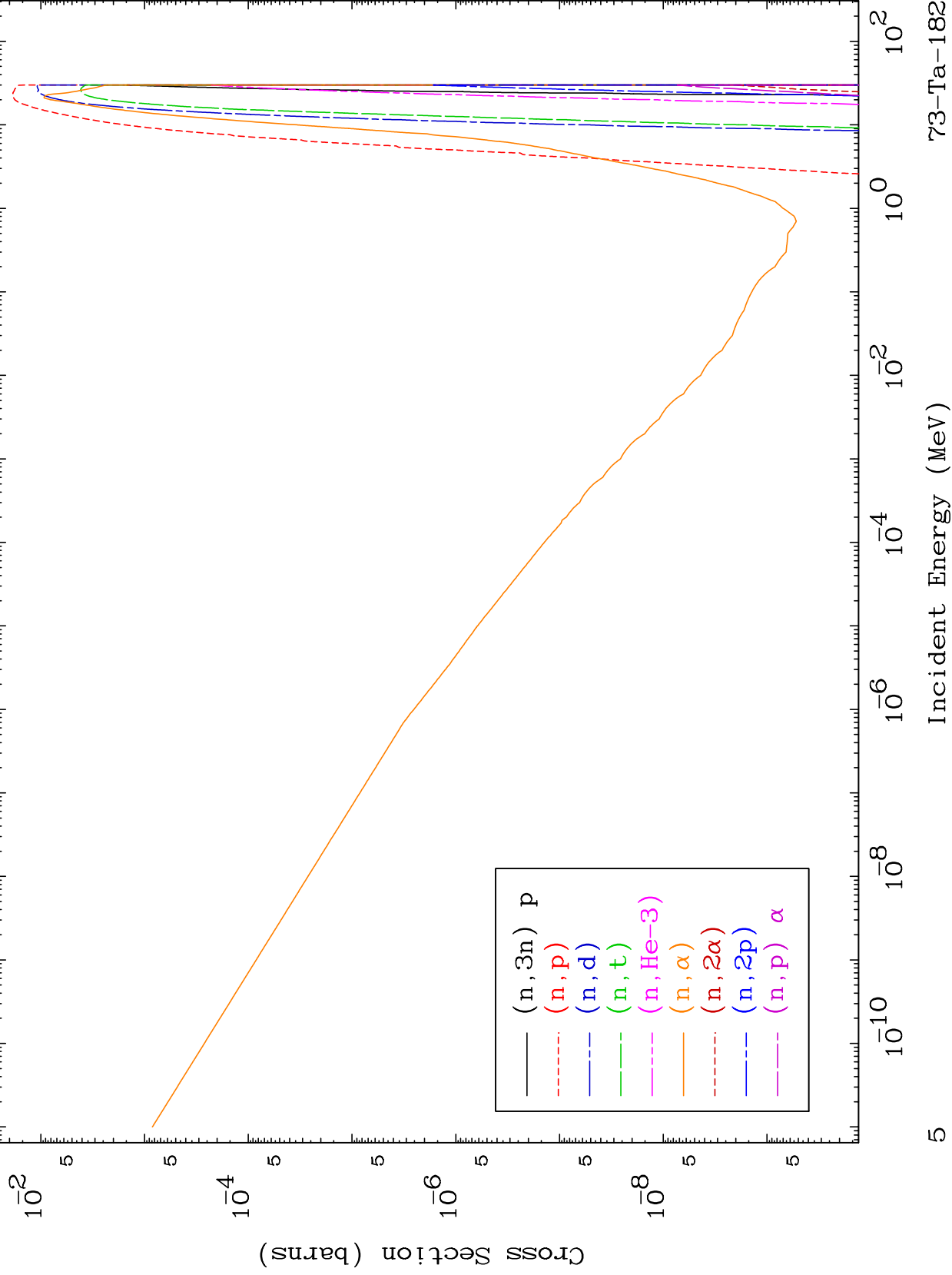
73-Ta-182

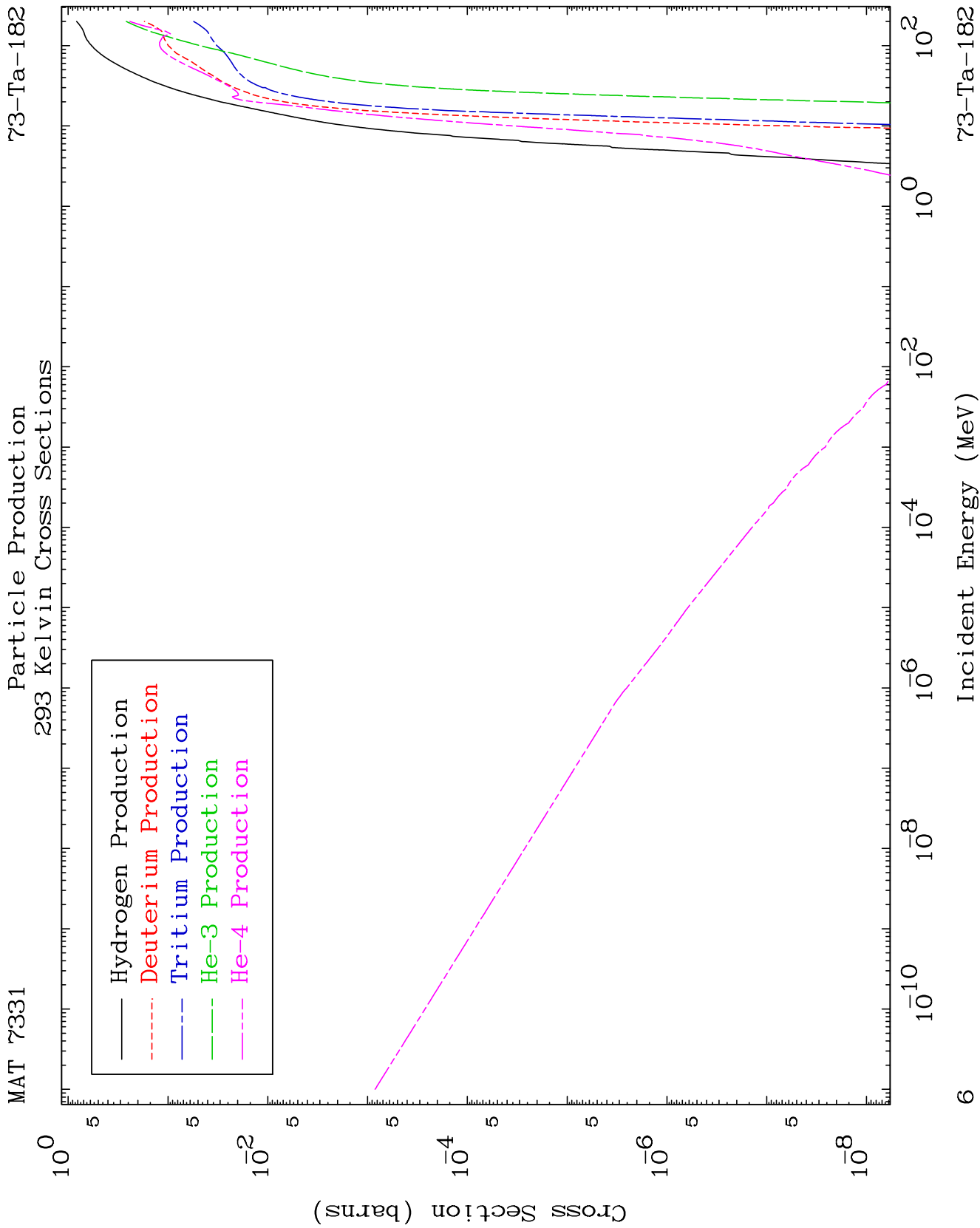


MAT 7331

Charged Particle
293 Kelvin Cross Sections

73-Ta-182



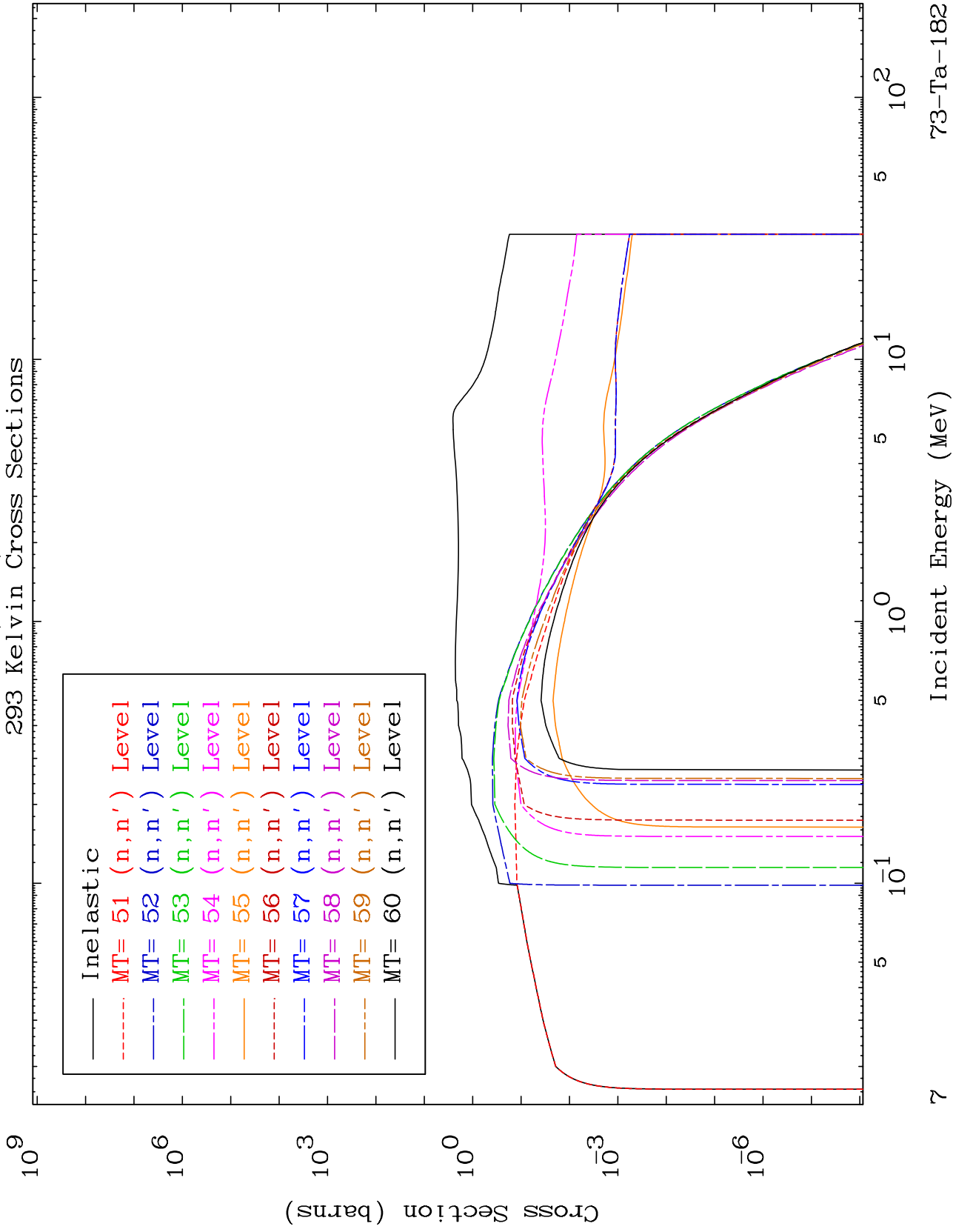


MAT 7331

(n,n') Level

73-Ta-182

293 Kelvin Cross Sections

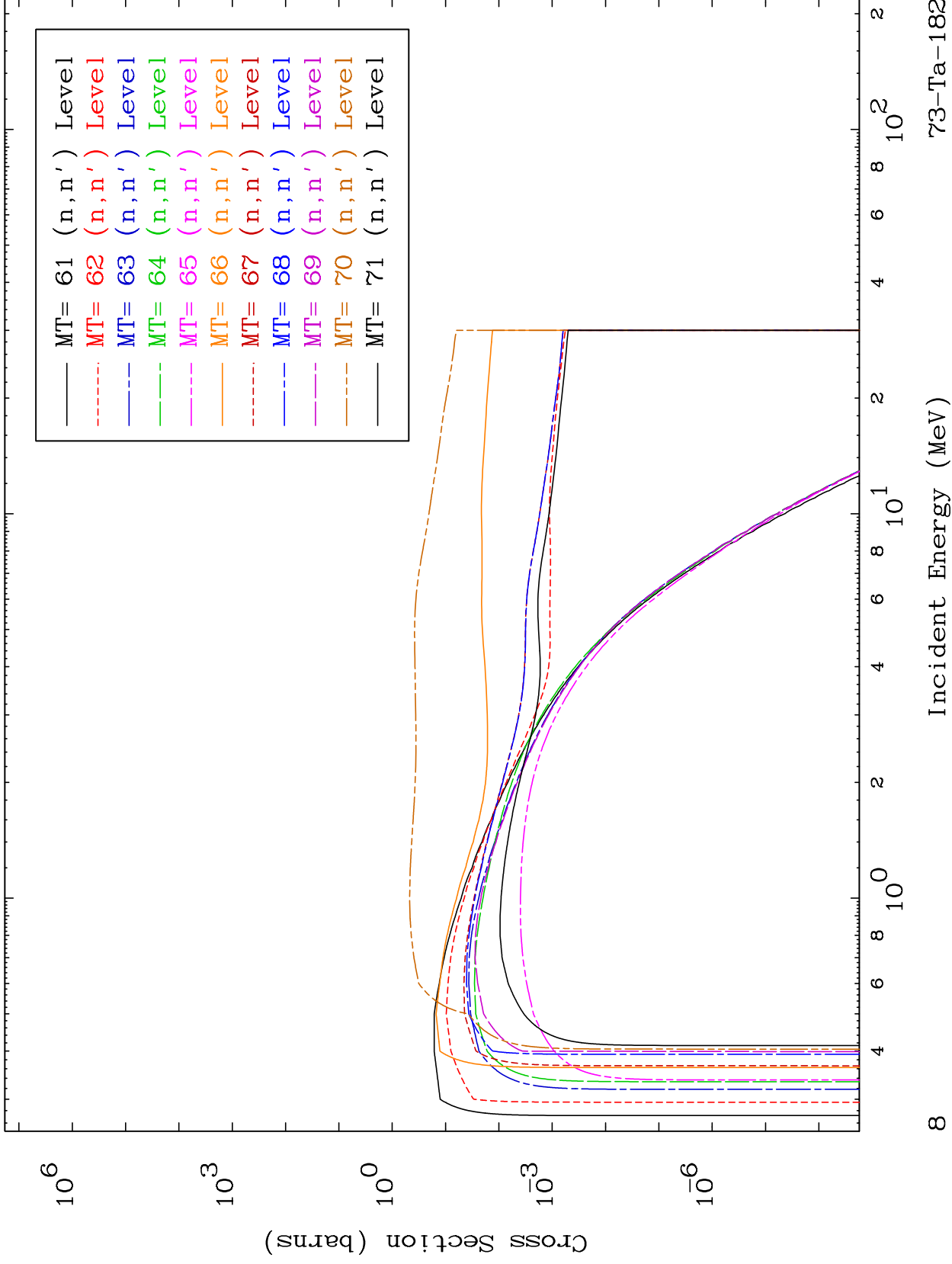


MAT 7331

(n,n') Level

293 Kelvin Cross Sections

73-Ta-182

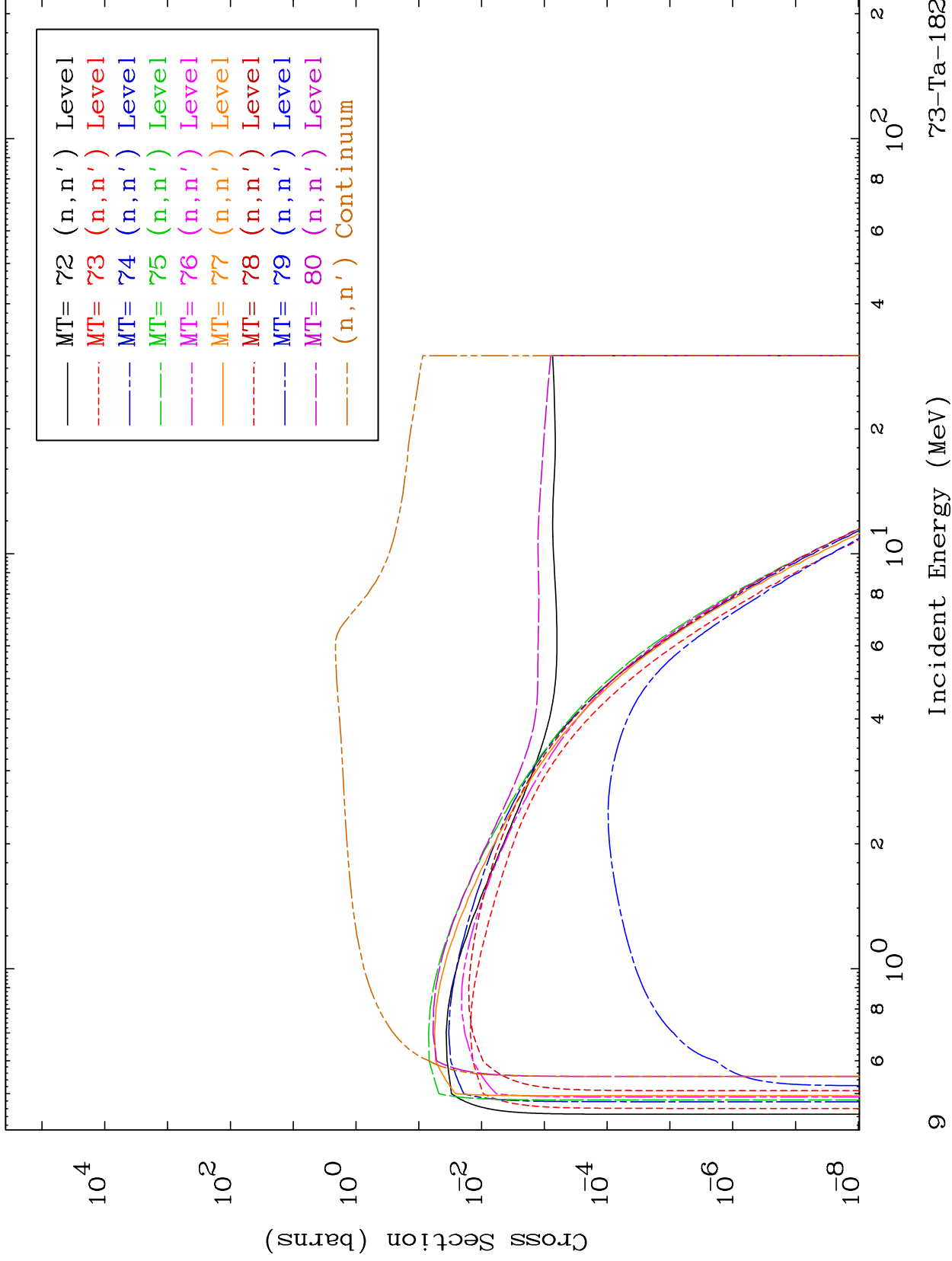


8

Incident Energy (MeV)

73-Ta-182

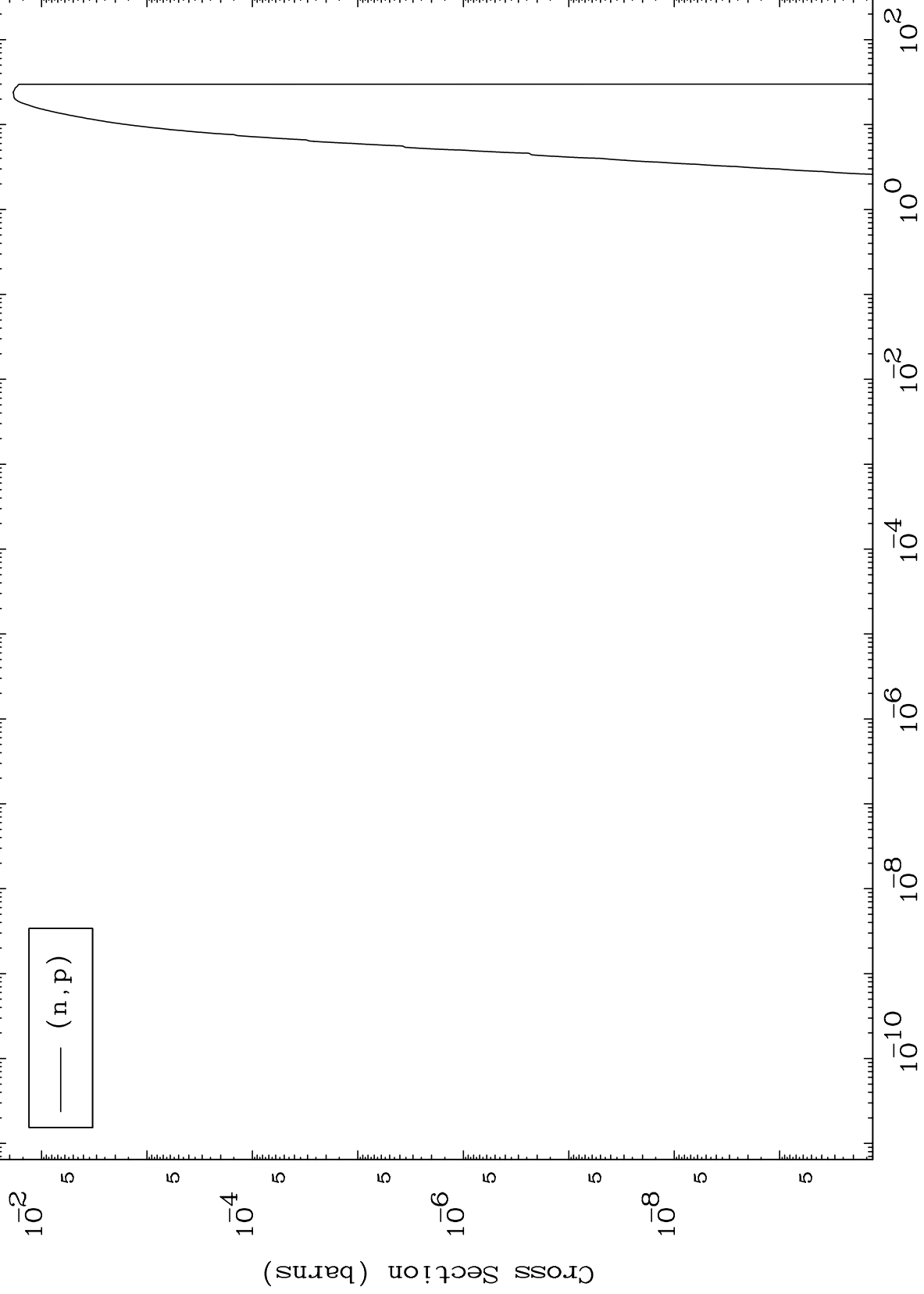
293 Kelvin Cross Sections



MAT 7331

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-182



10

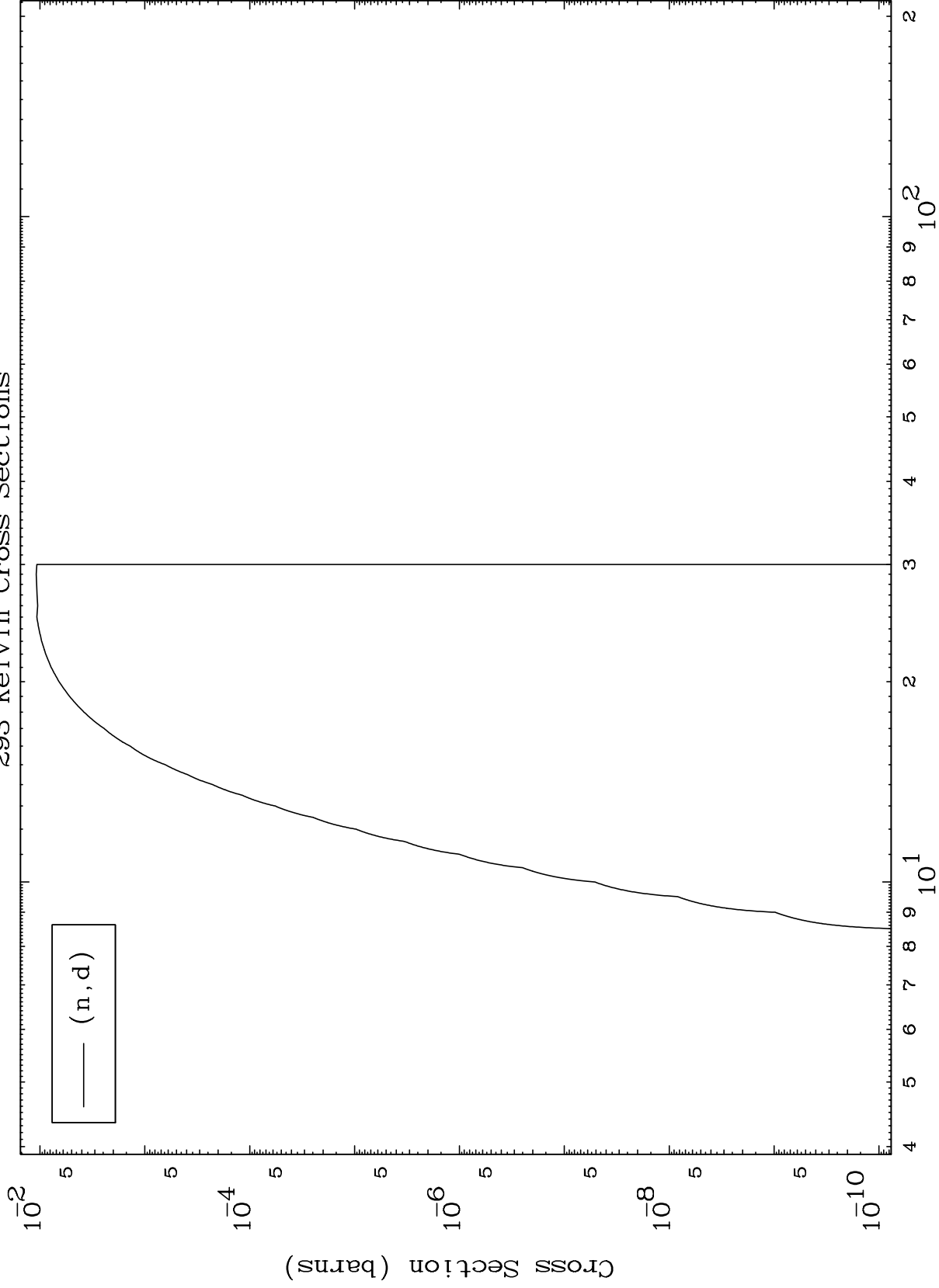
Incident Energy (MeV)

73-Ta-182

MAT 7331

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-182



11

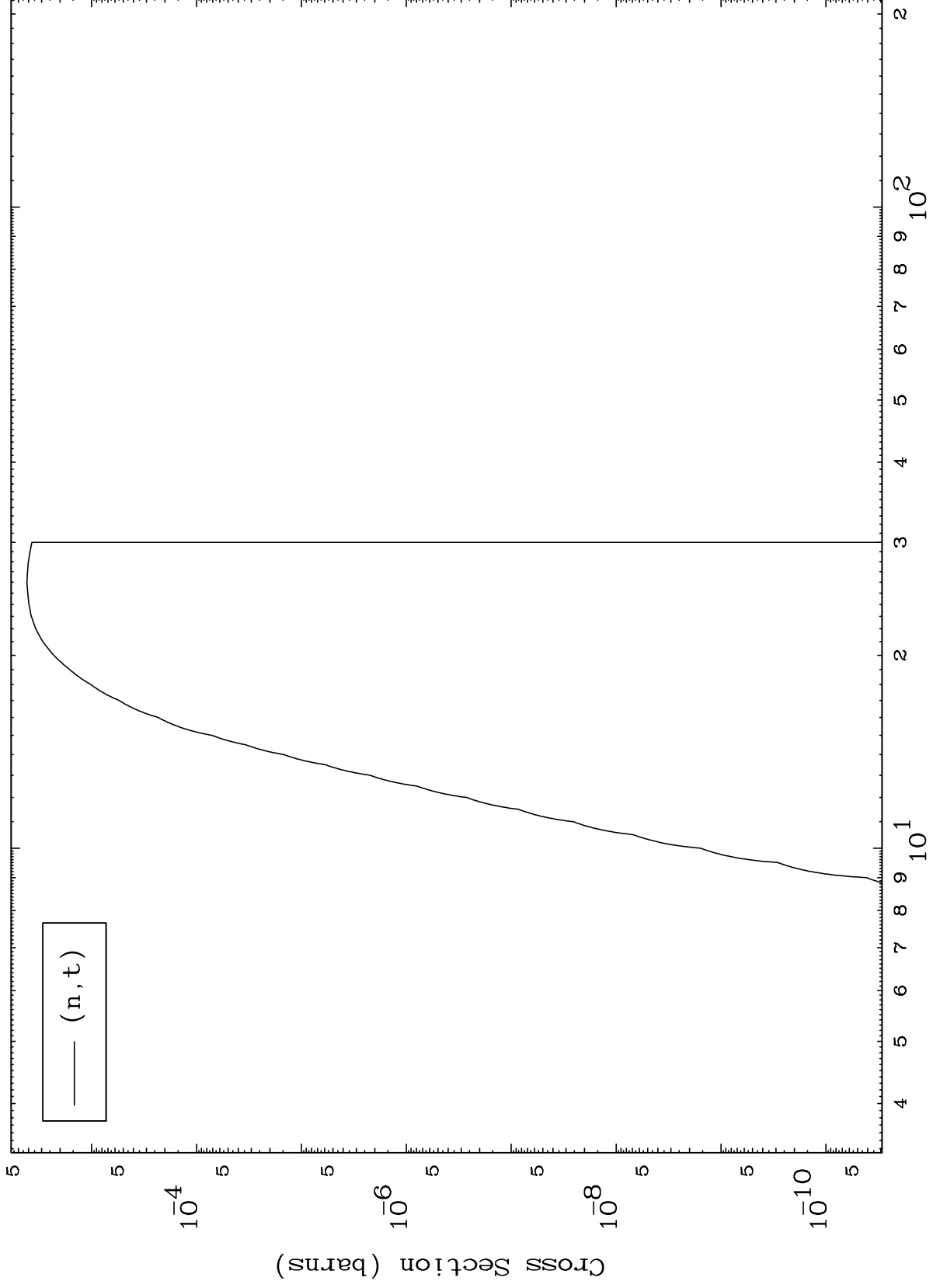
Incident Energy (MeV)

73-Ta-182

MAT 7331

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-182



12

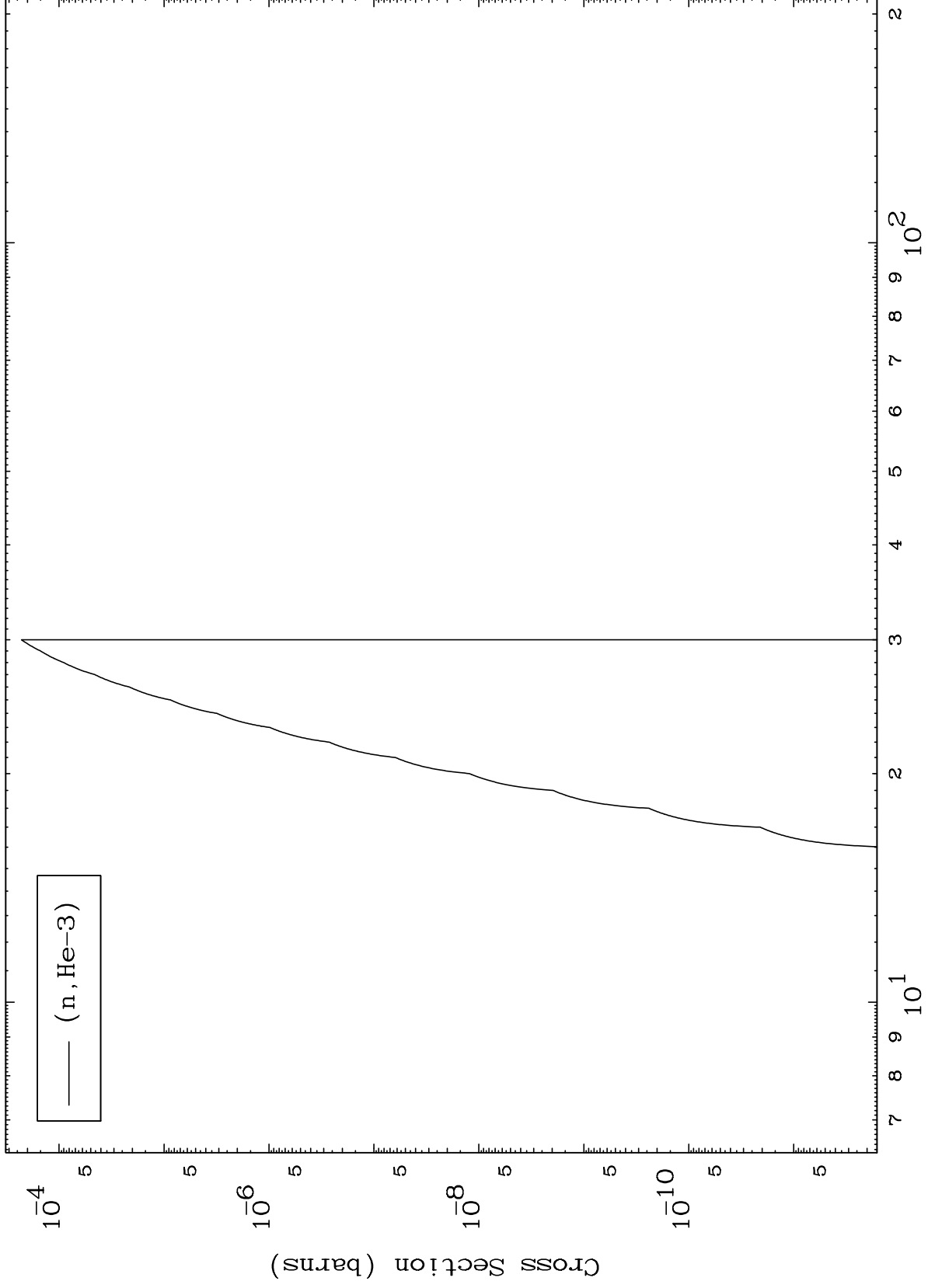
Incident Energy (MeV)

73-Ta-182

MAT 7331

(n,He3) Levels
293 Kelvin Cross Sections

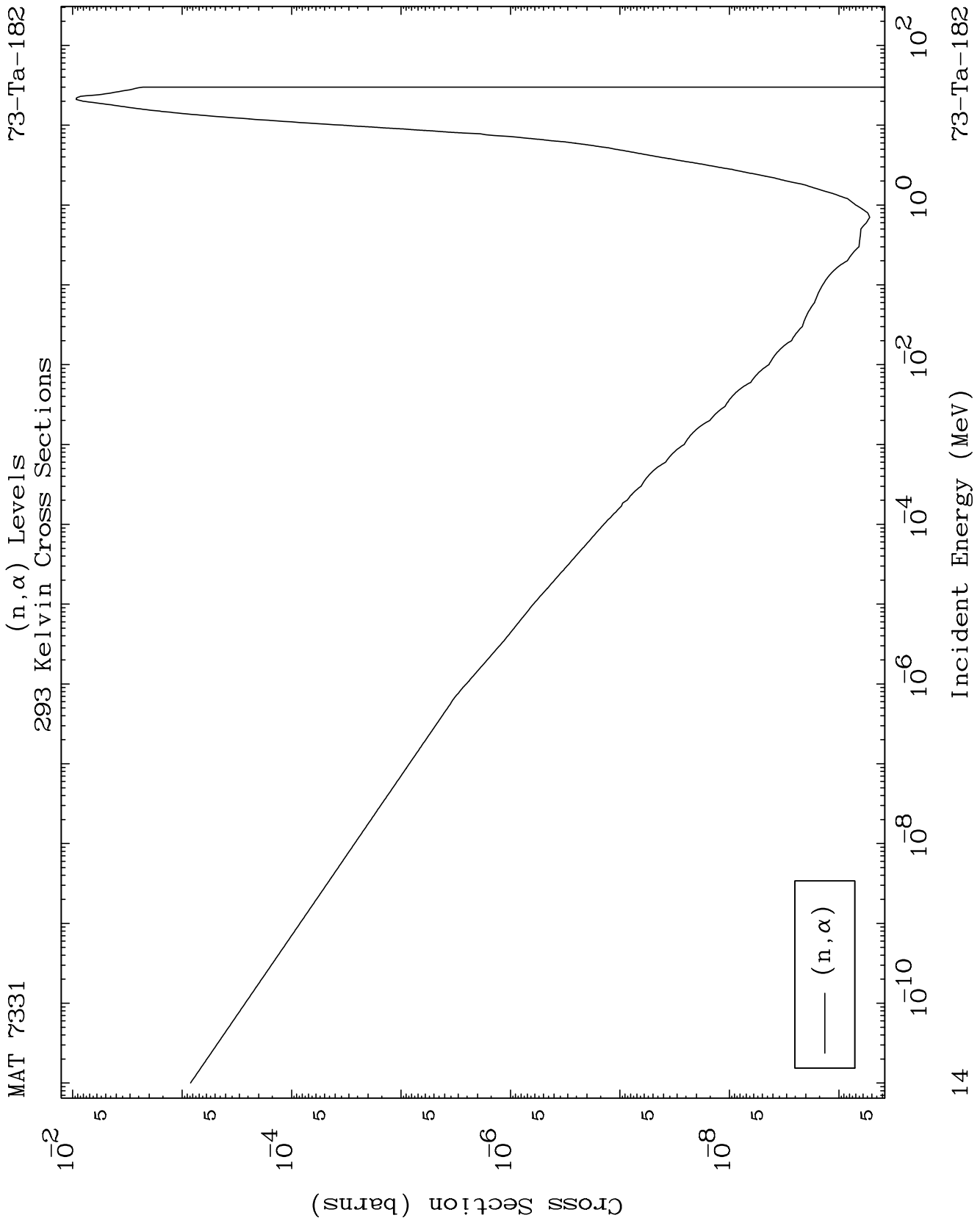
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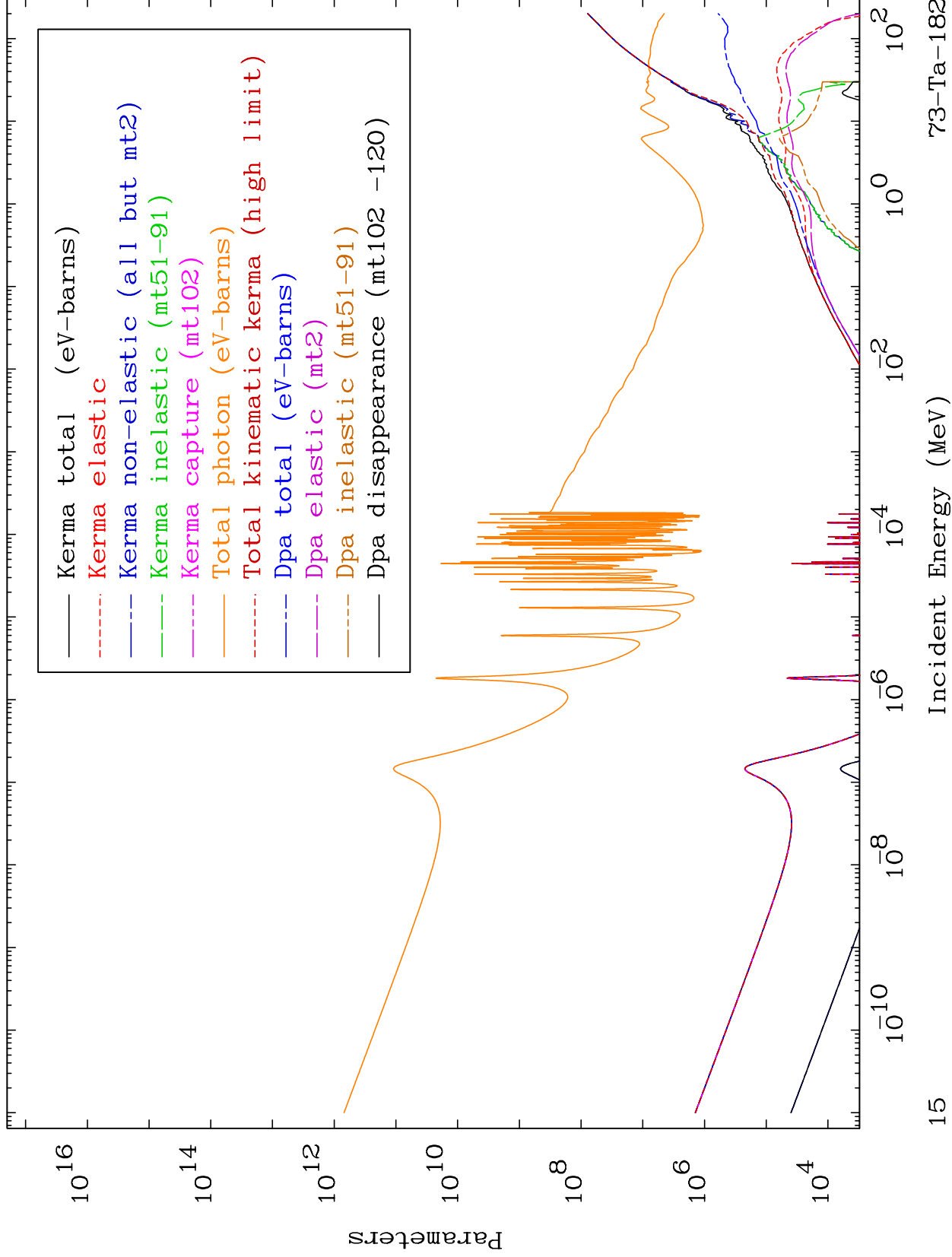


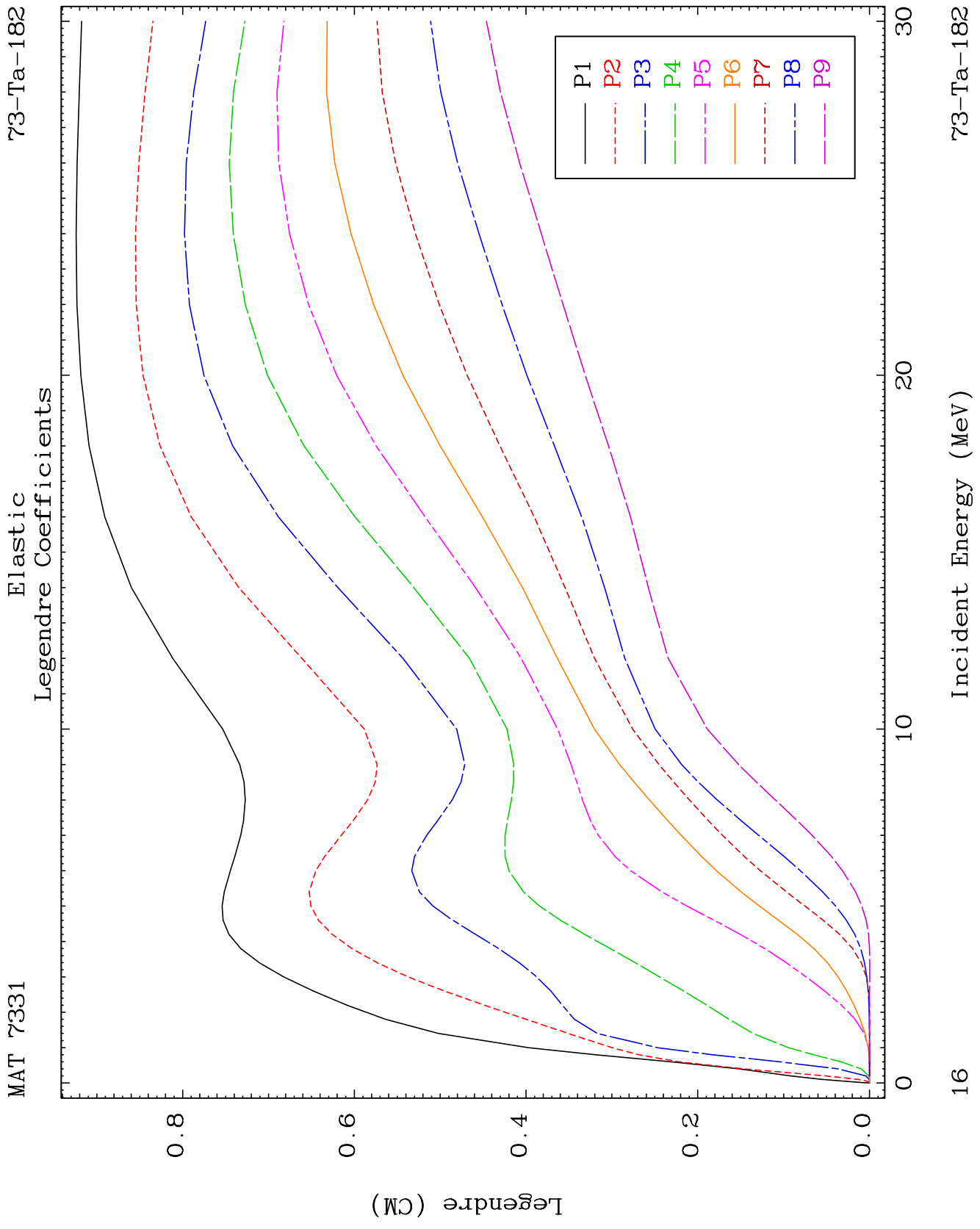
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Incident Energy (MeV)

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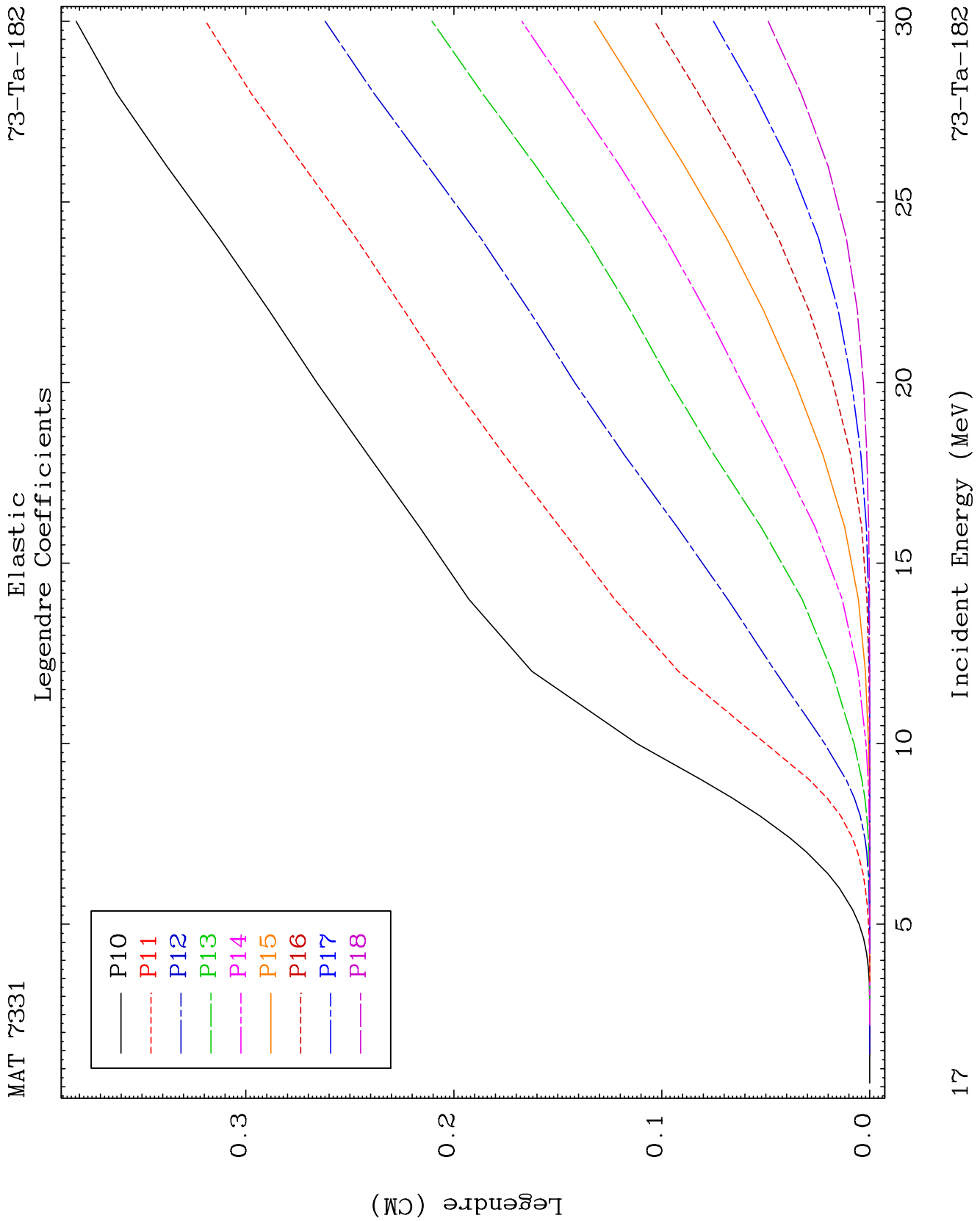




73-Ta-182

Incident Energy (MeV)

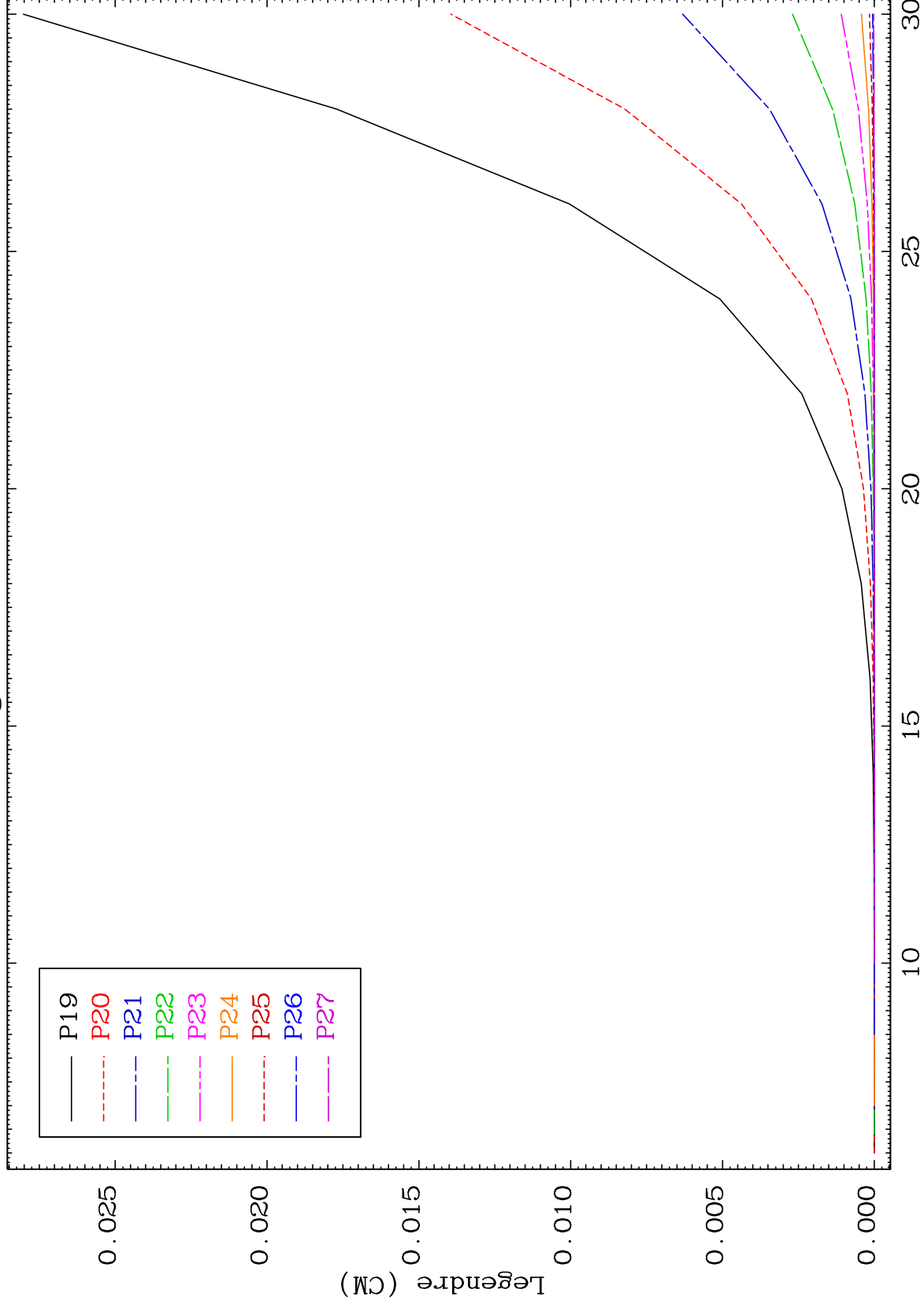
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MAT 7331

Elastic Legendre Coefficients

73-Ta-182



18

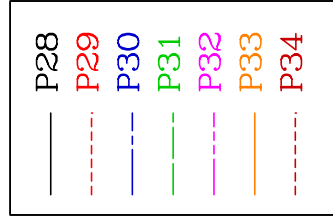
Incident Energy (MeV)

73-Ta-182

MAT 7331

Elastic
Legendre Coefficients

73-Ta-182



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

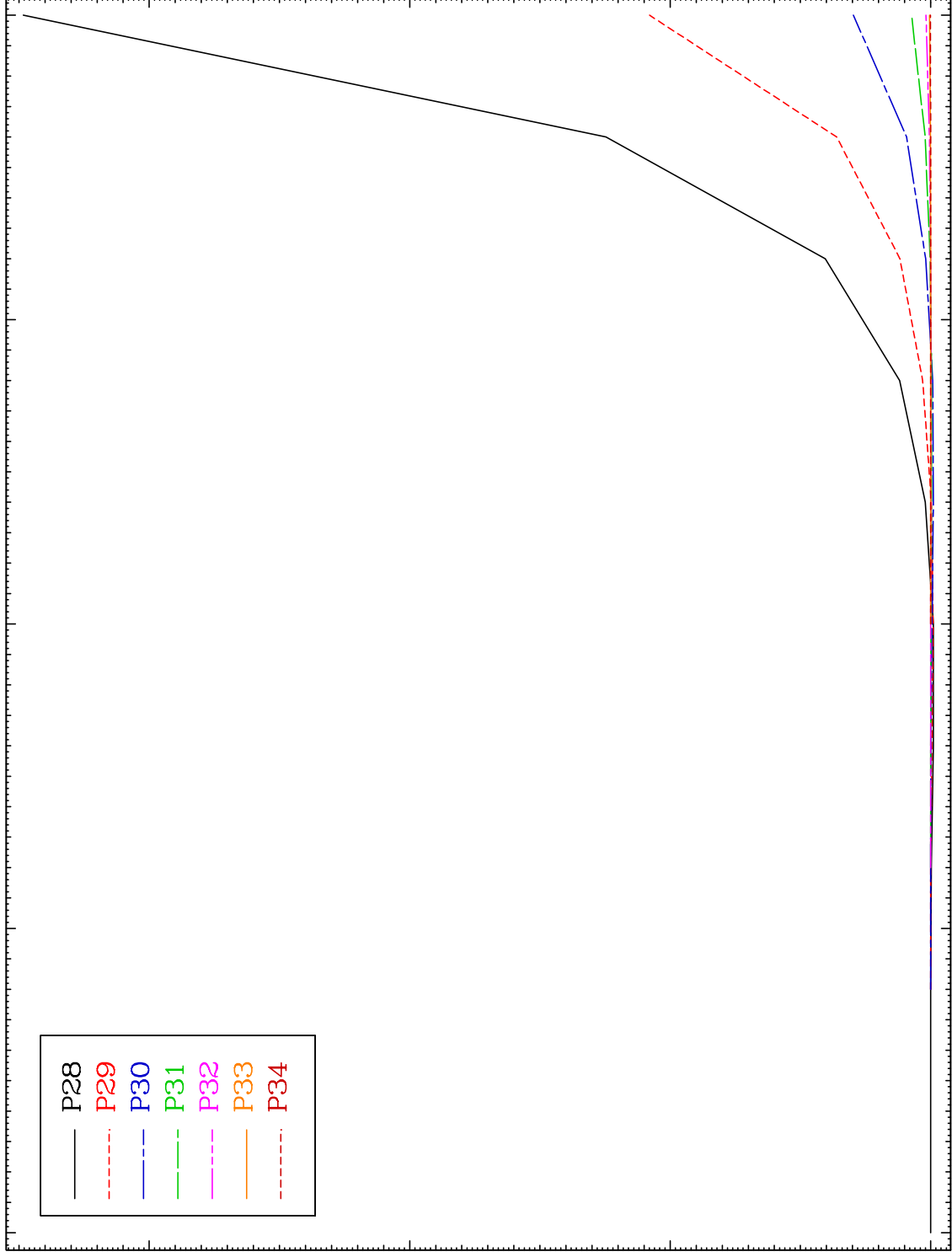
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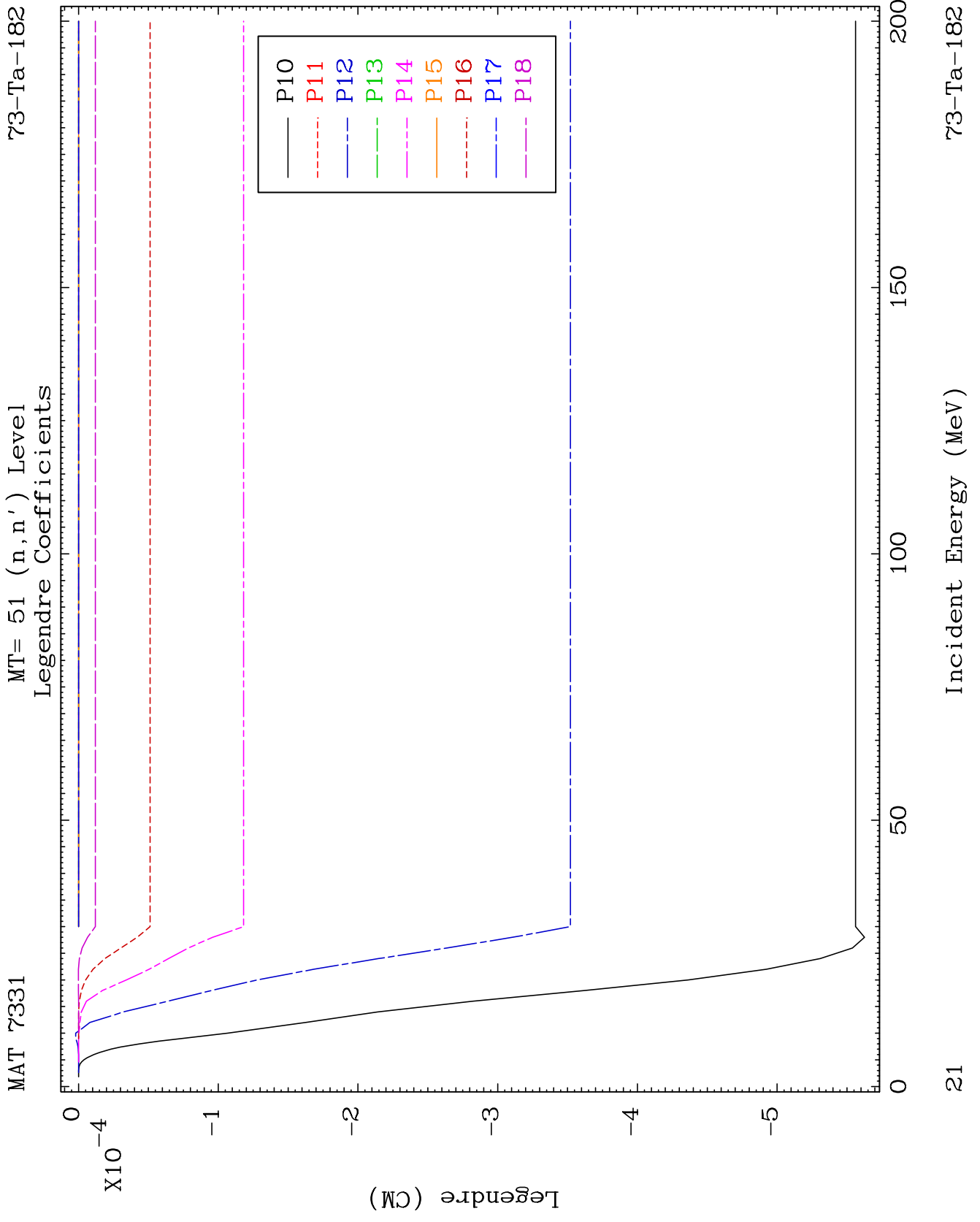
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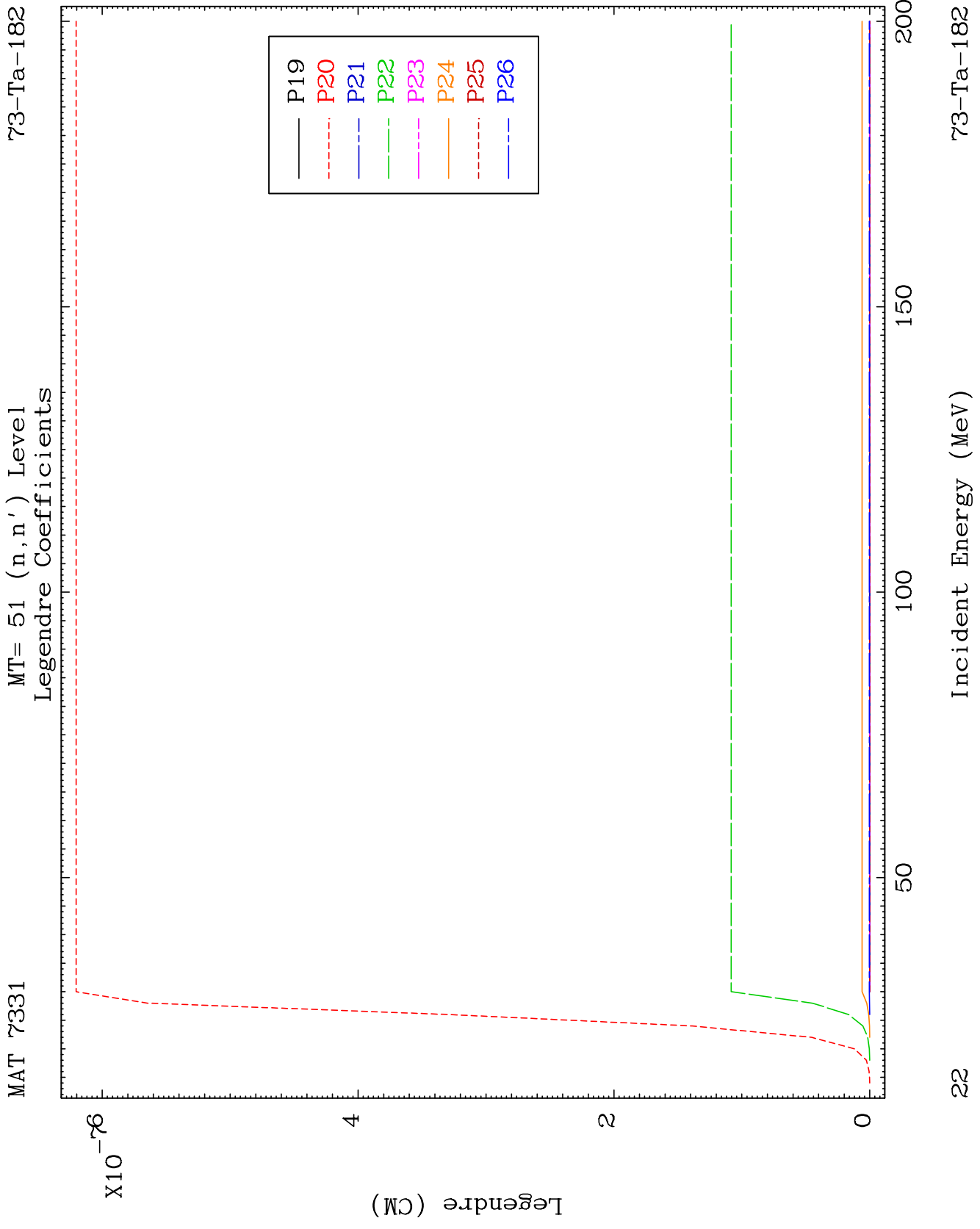
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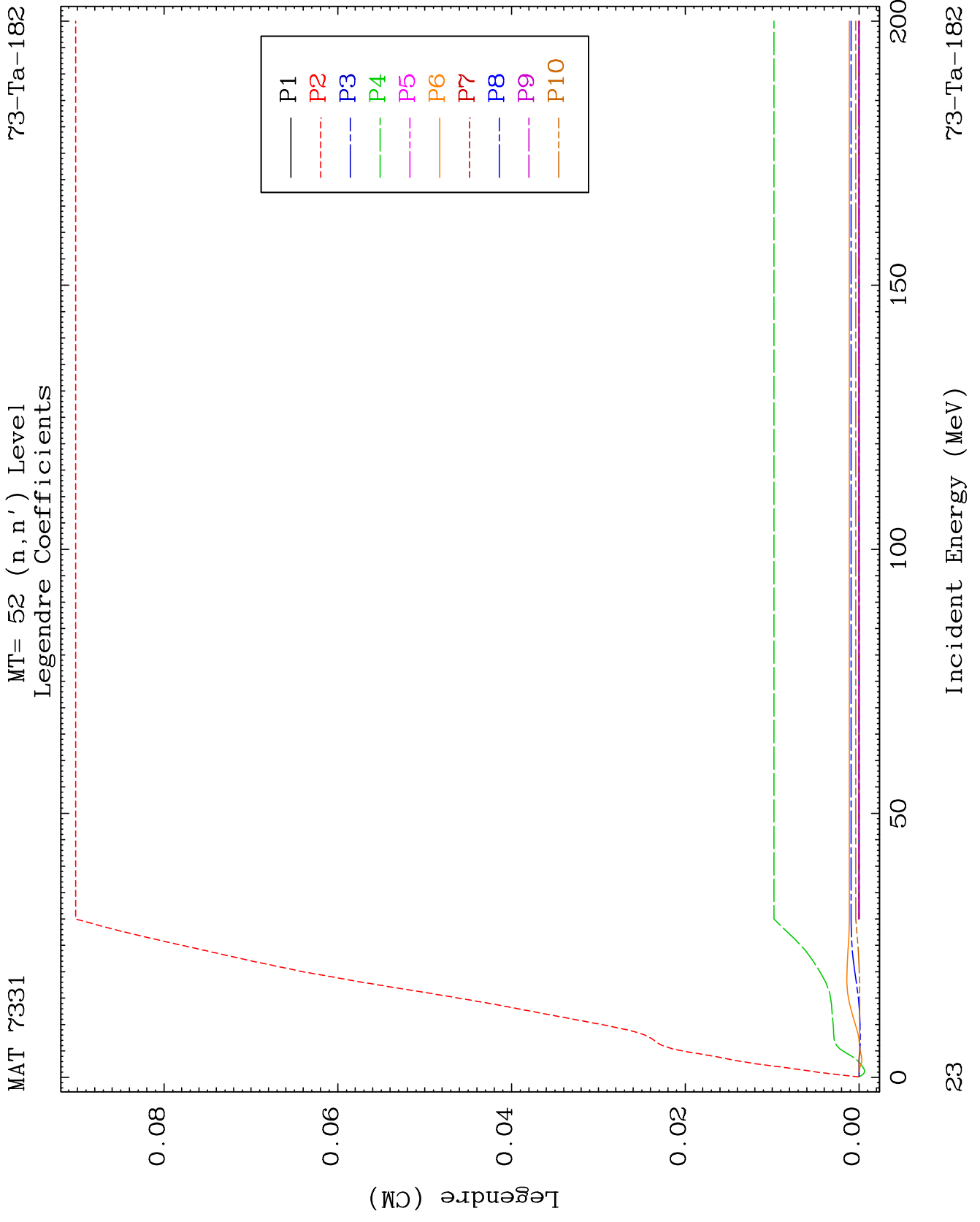
Incident Energy (MeV)

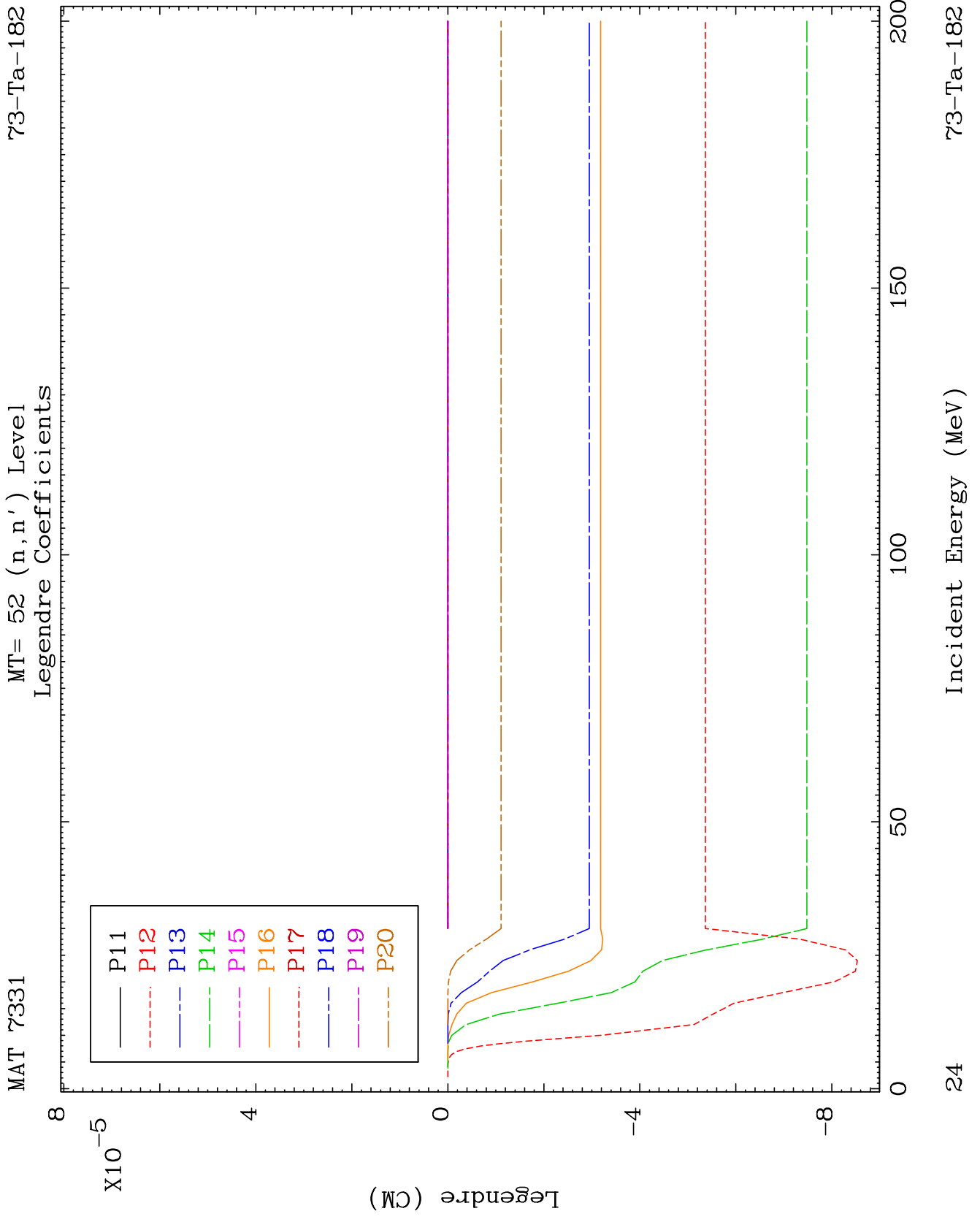
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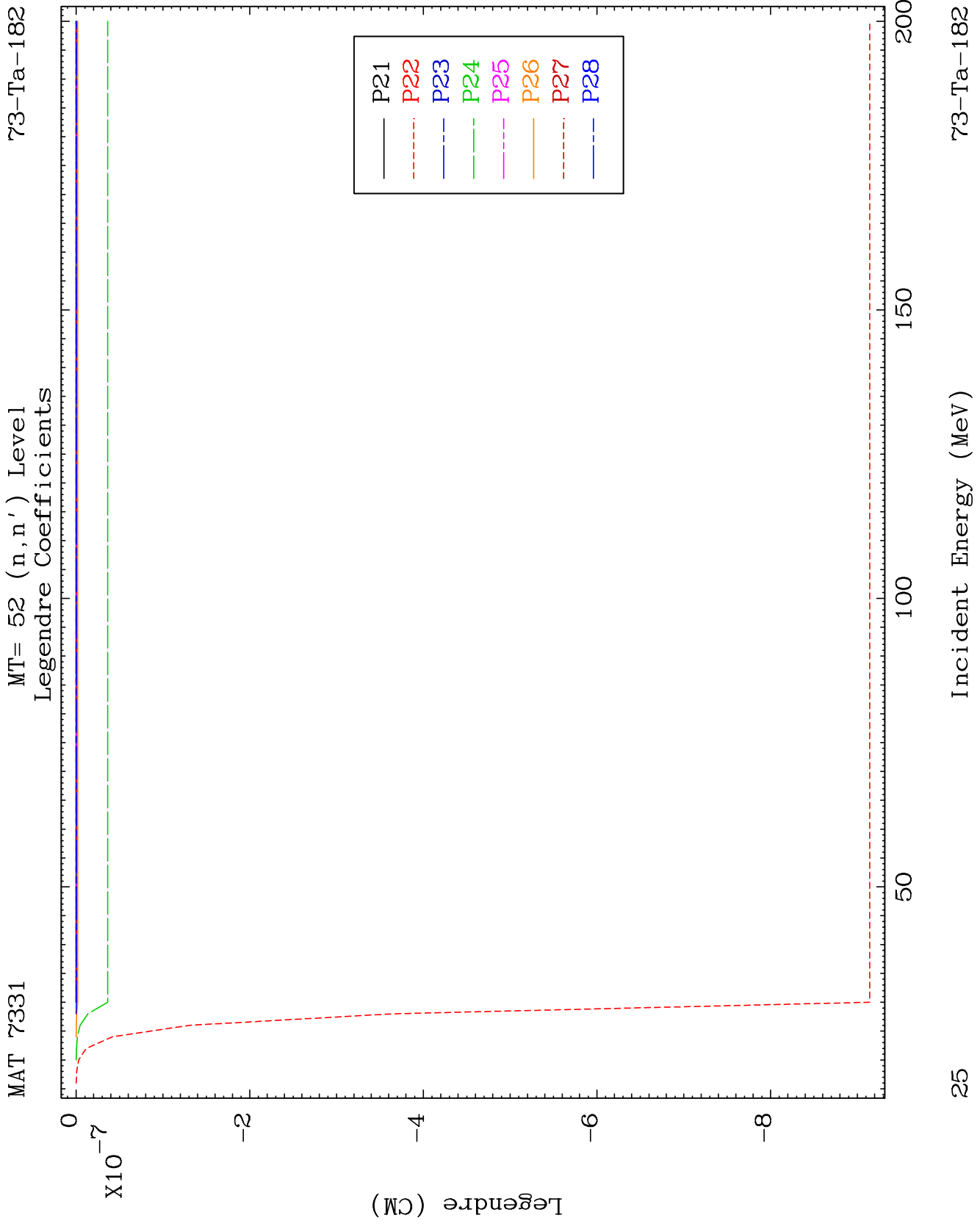


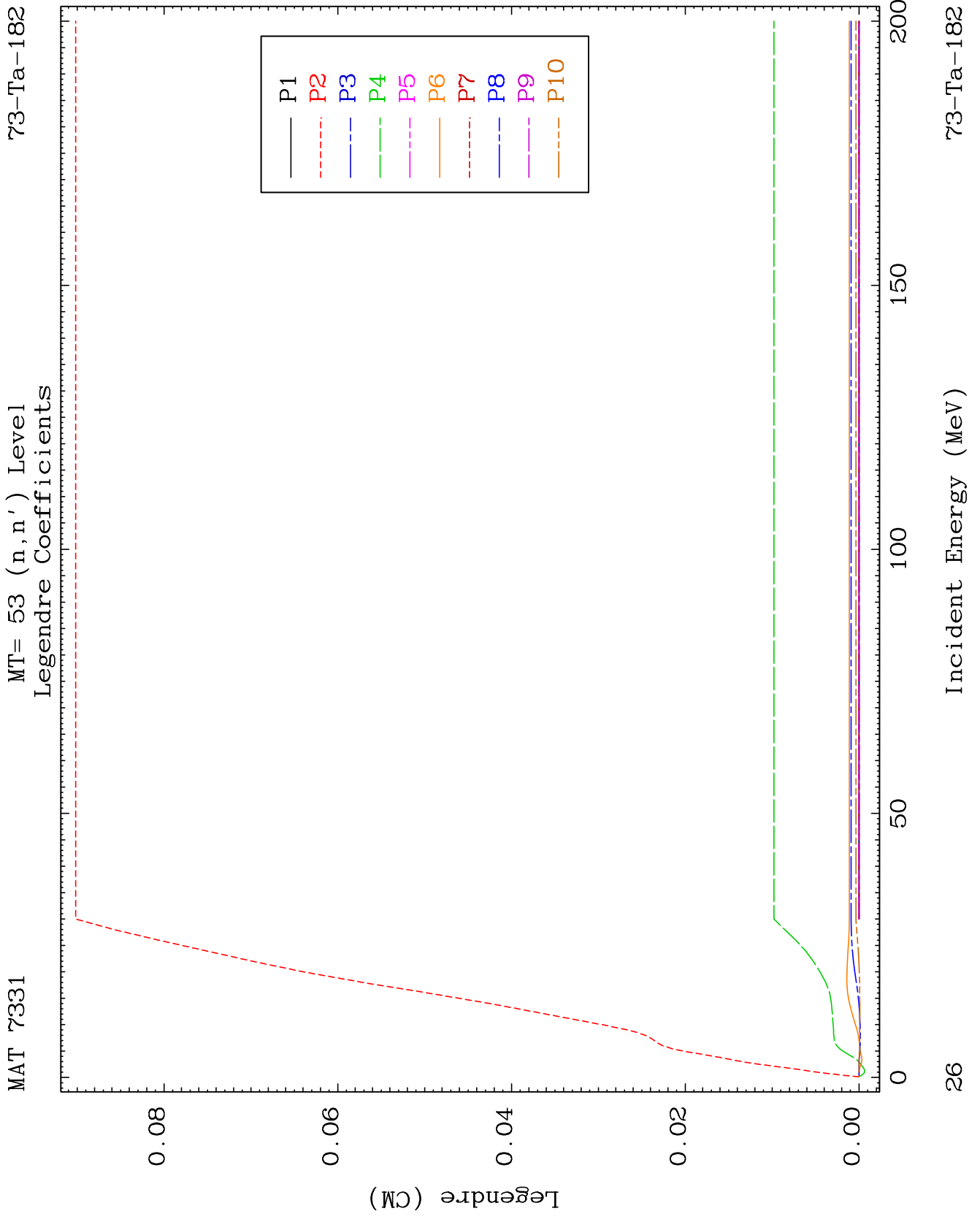


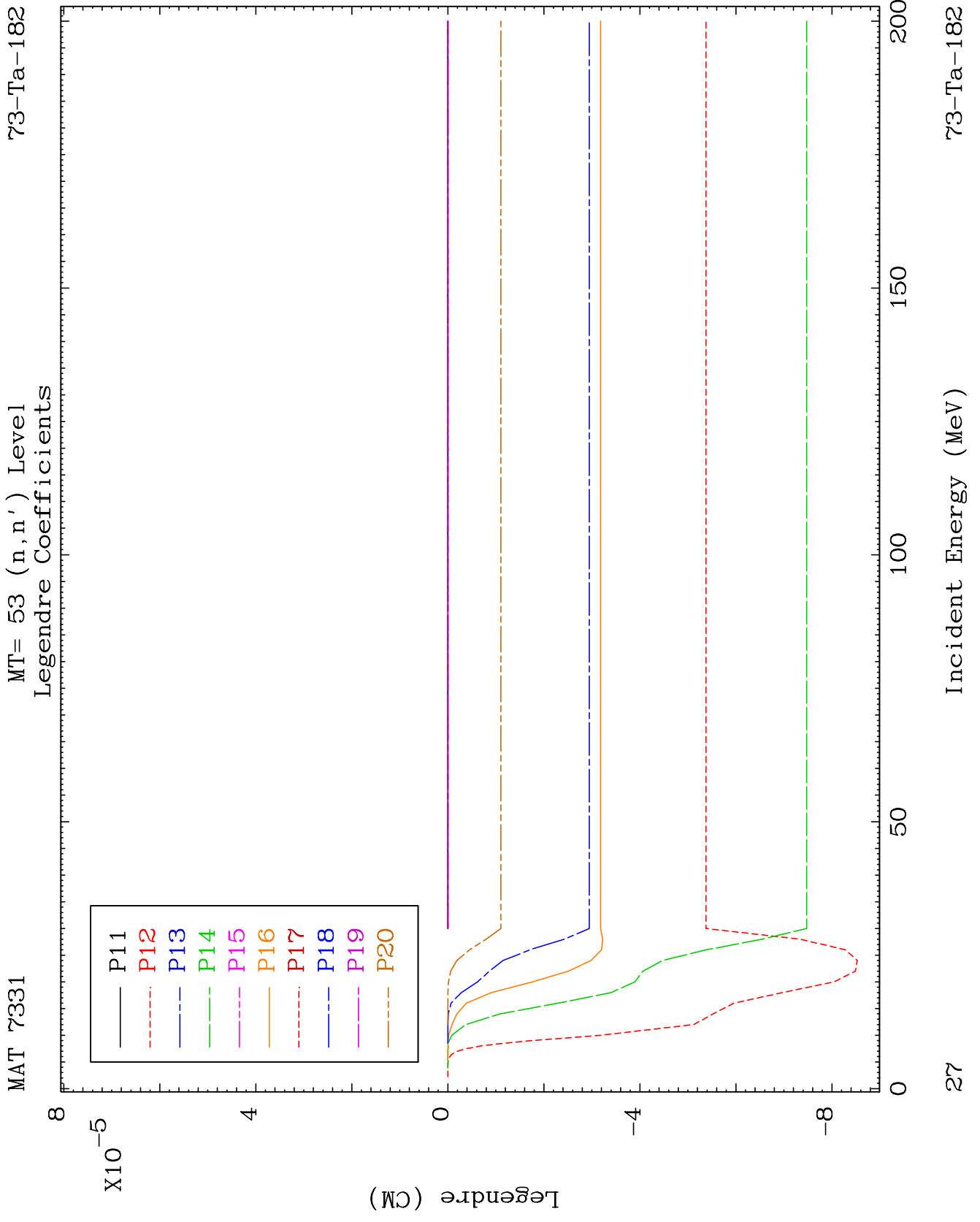


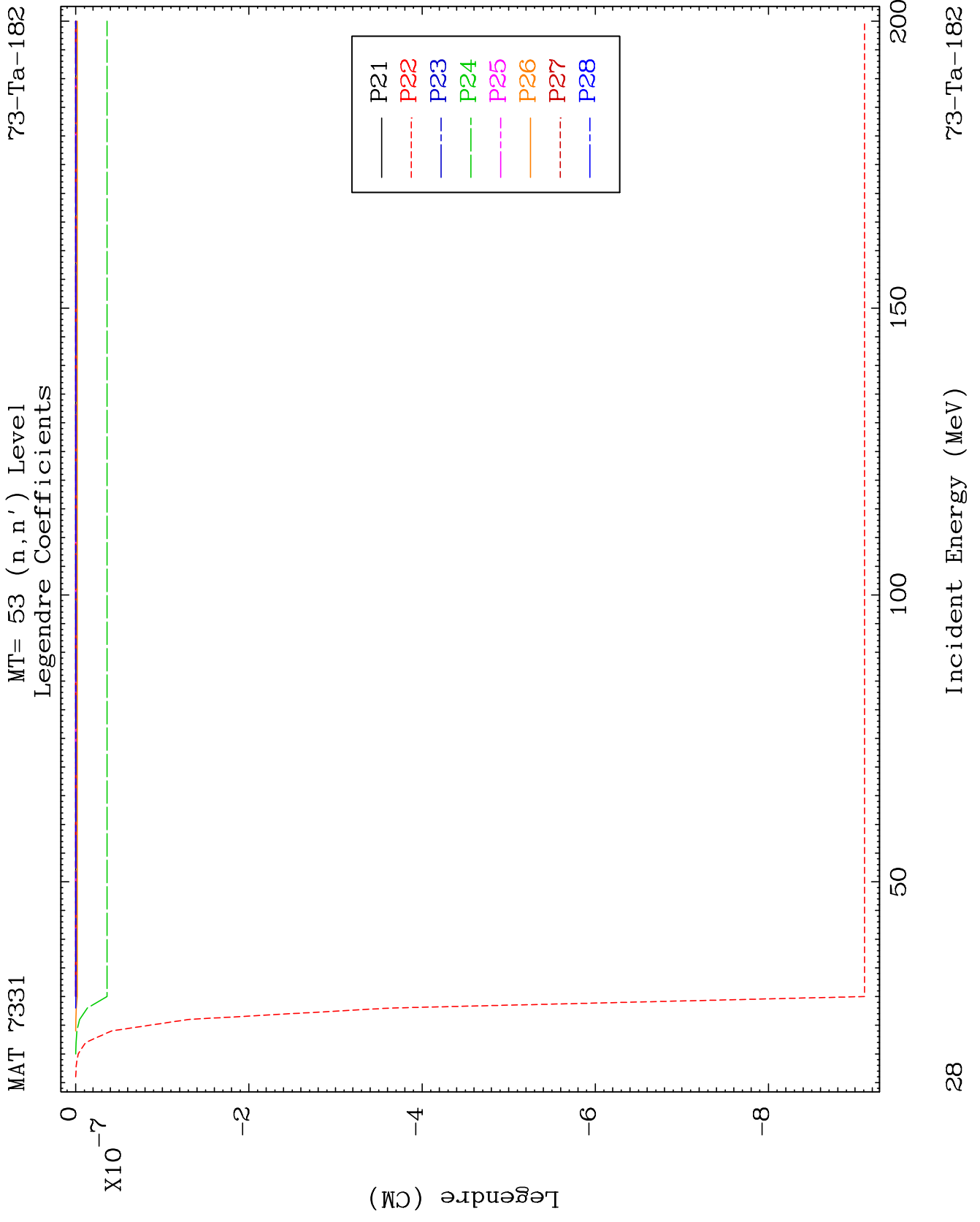


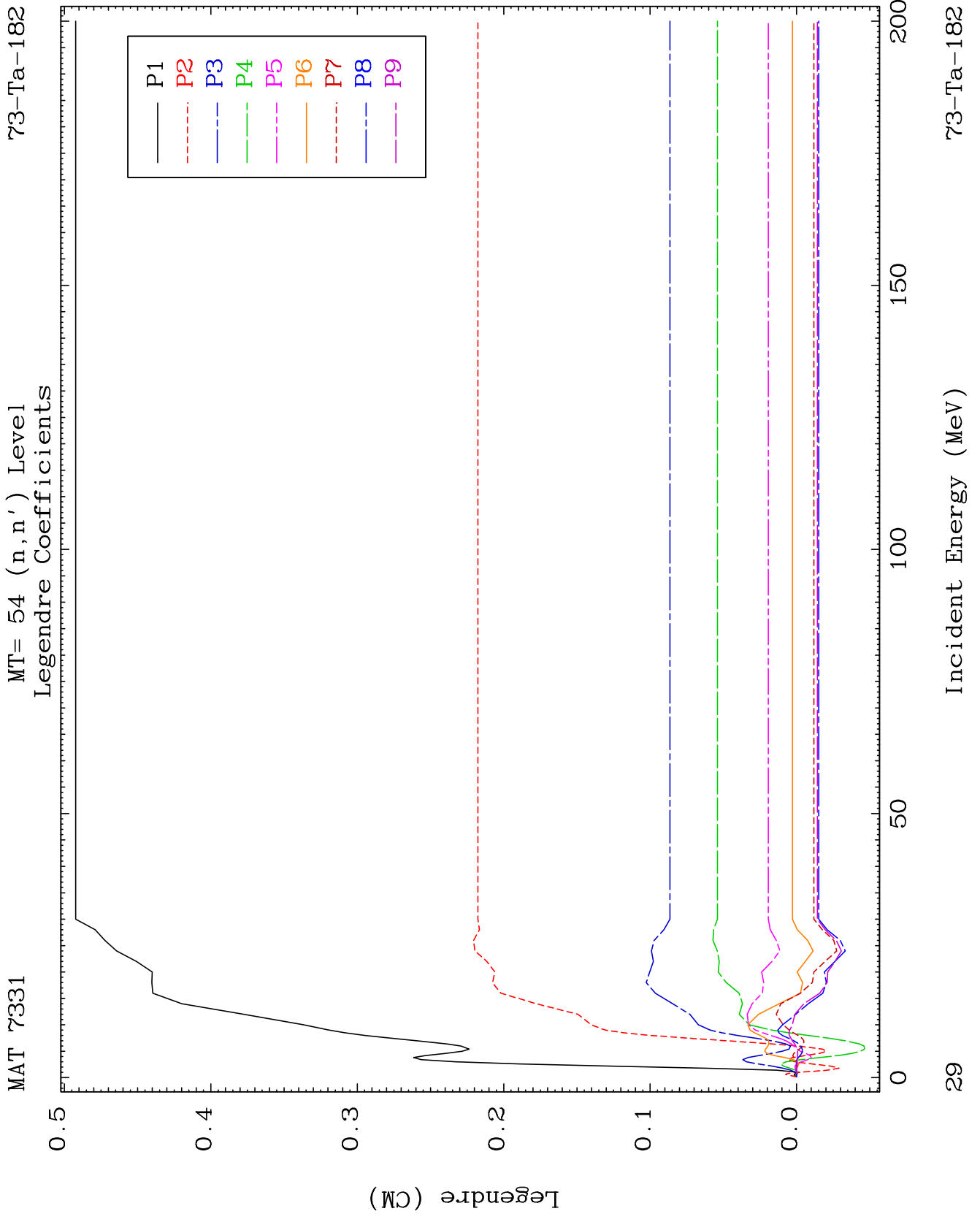








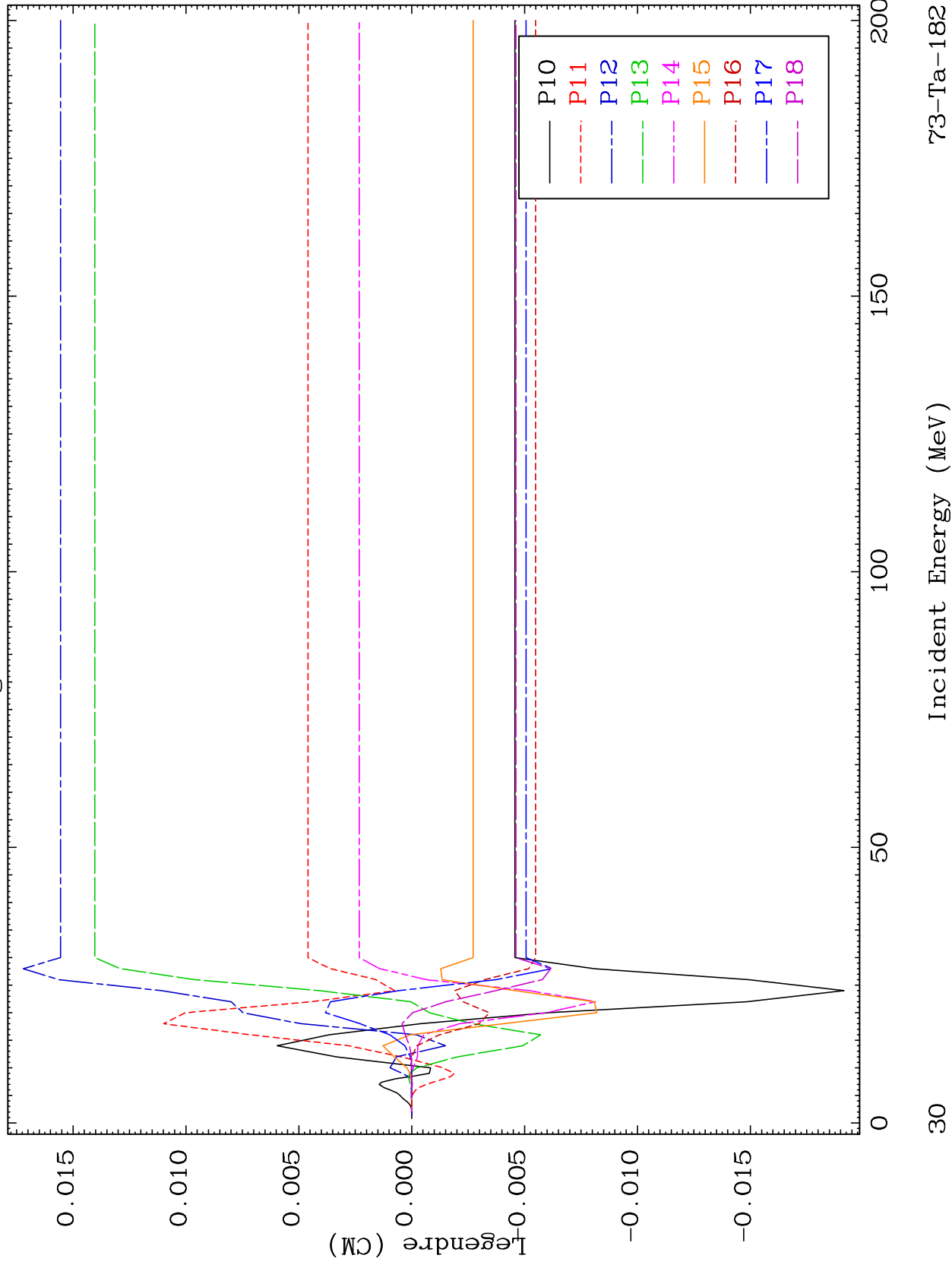




MAT 7331

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

73-Ta-182



73-Ta-182

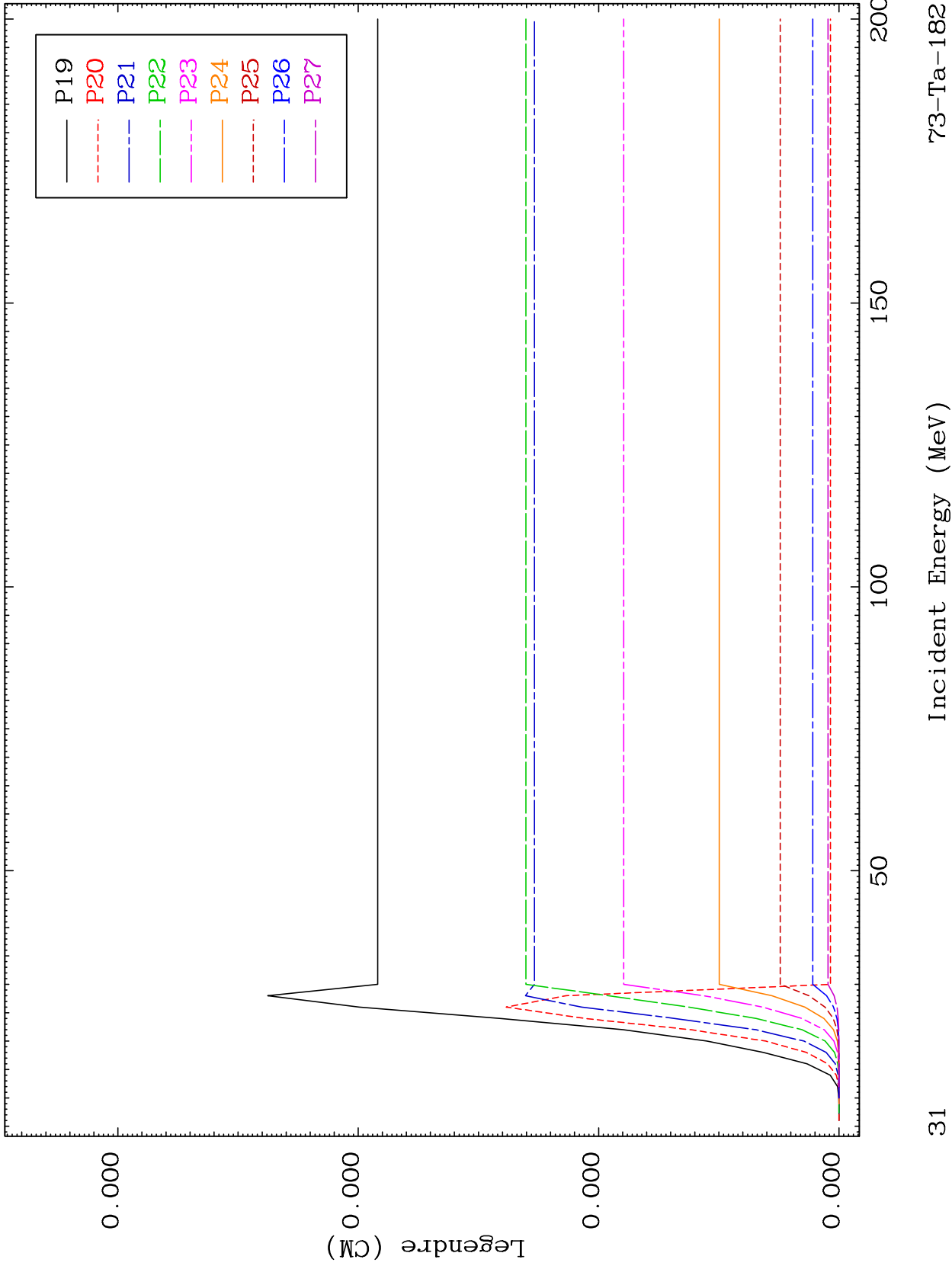
Incident Energy (MeV)

30

MAT 7331

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

73-Ta-182



31

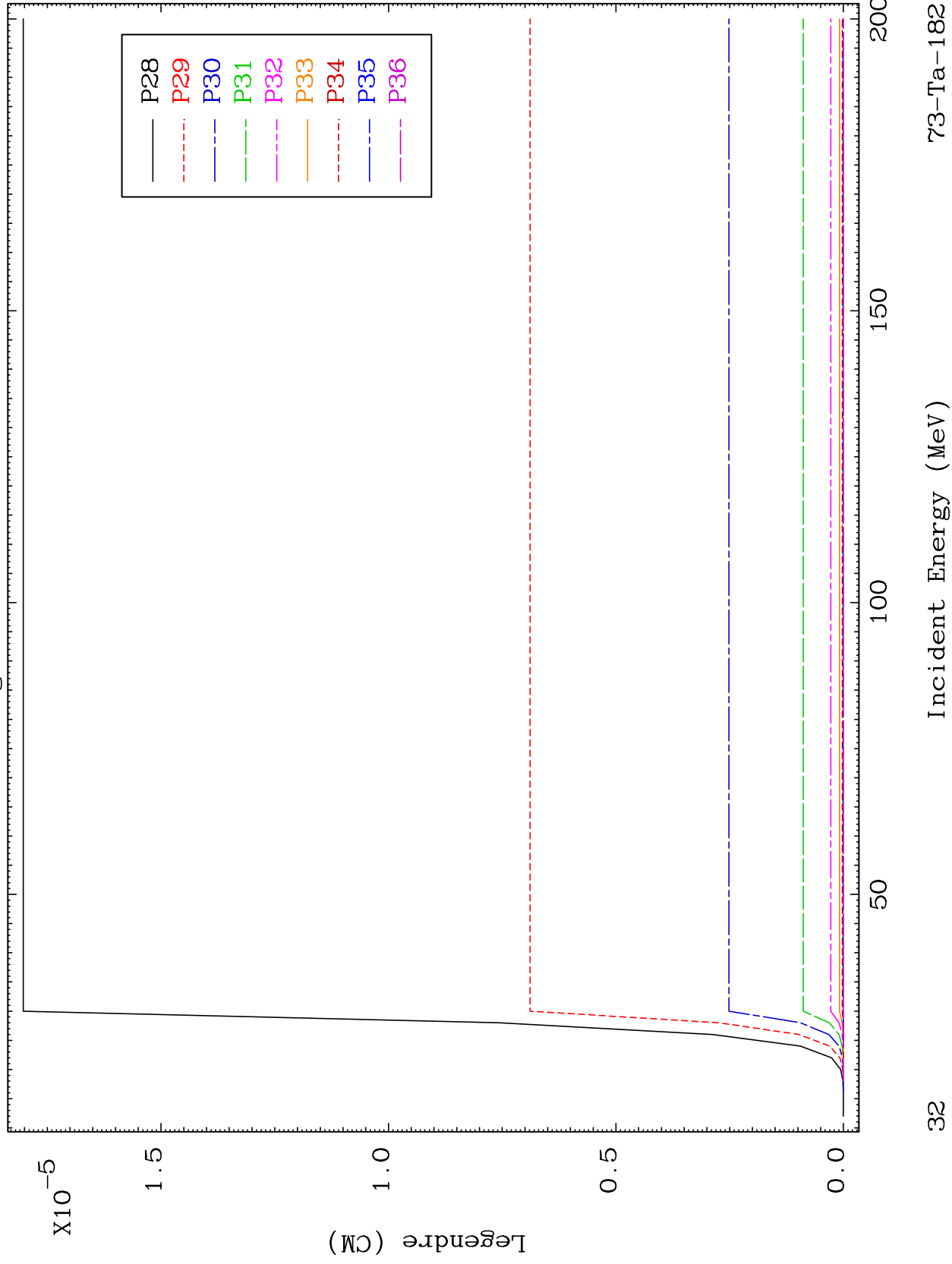
Incident Energy (MeV)

73-Ta-182

MAT 7331

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

73-Ta-182



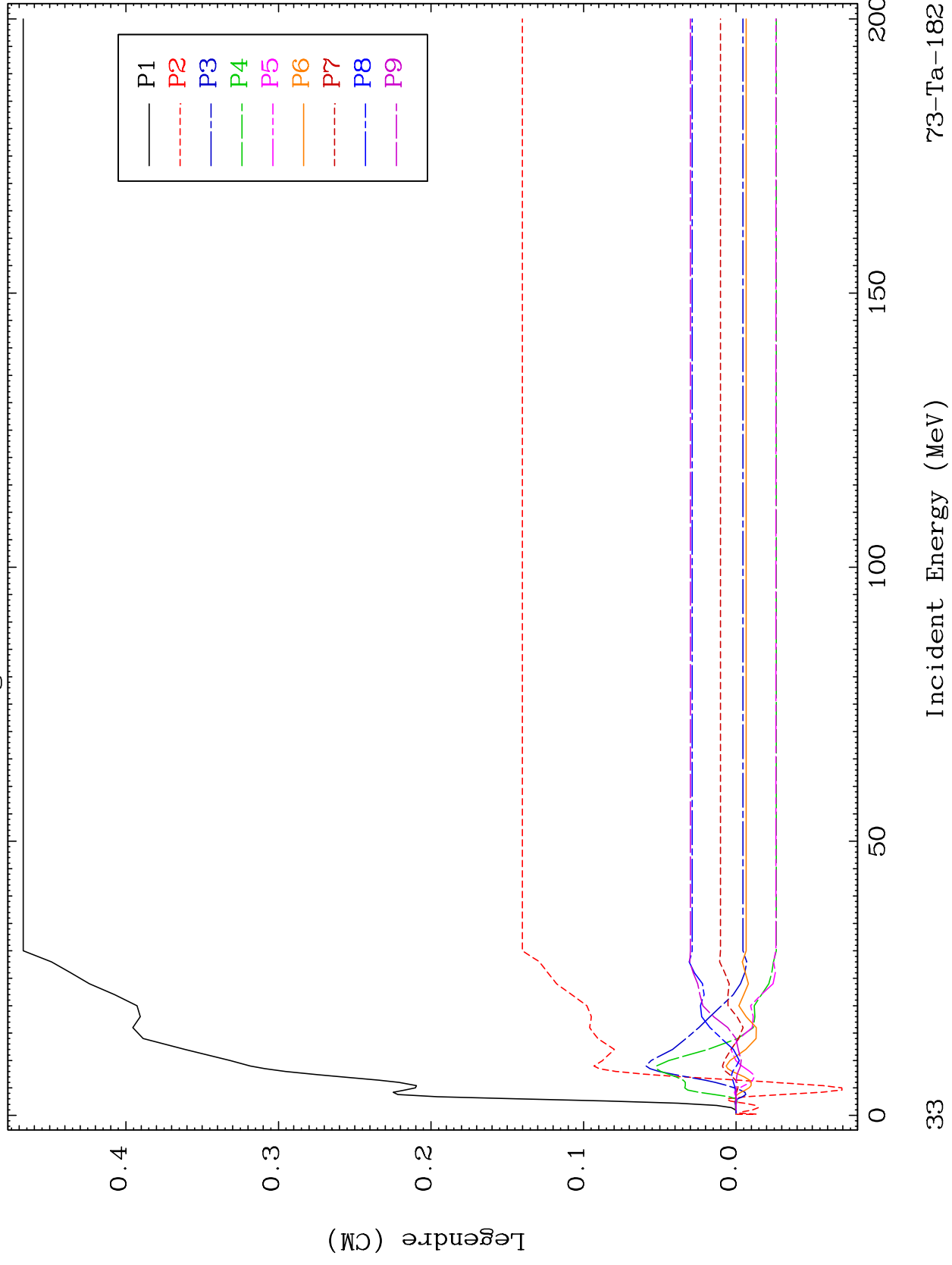
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73-Ta-182

MAT 7331

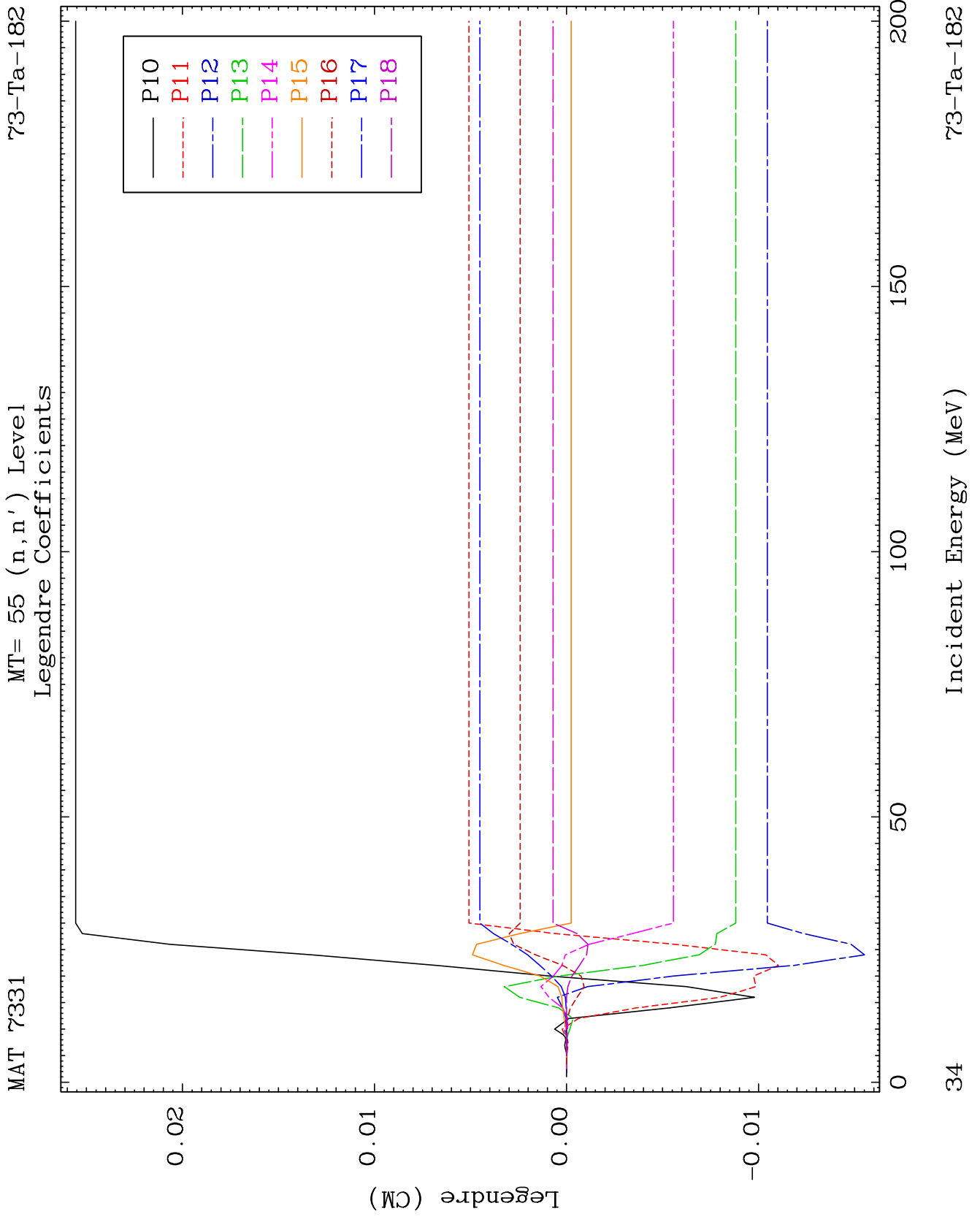
MT= 55 (n,n') Level
Legendre Coefficients

73-Ta-182



33

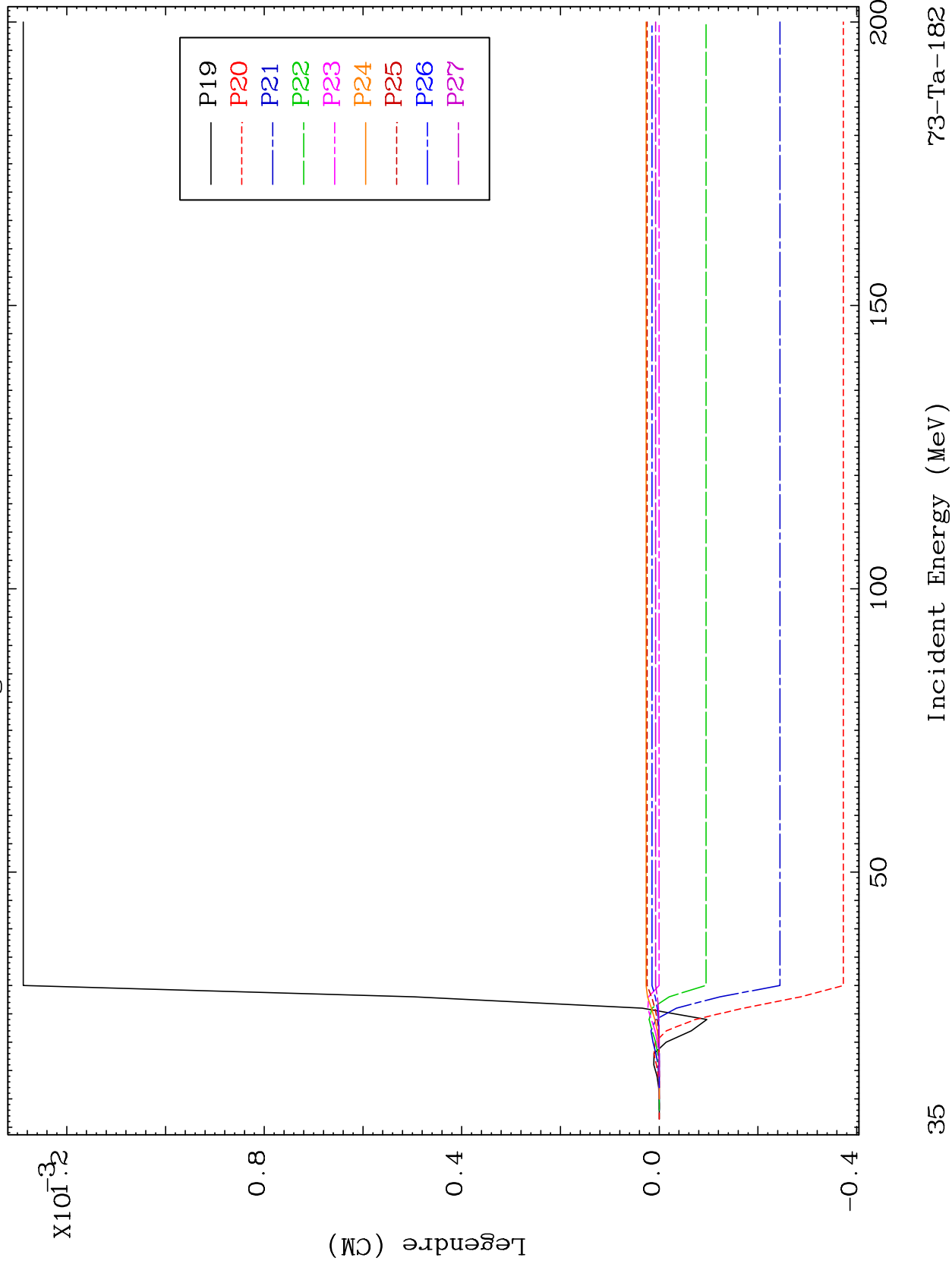
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MAT 7331

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

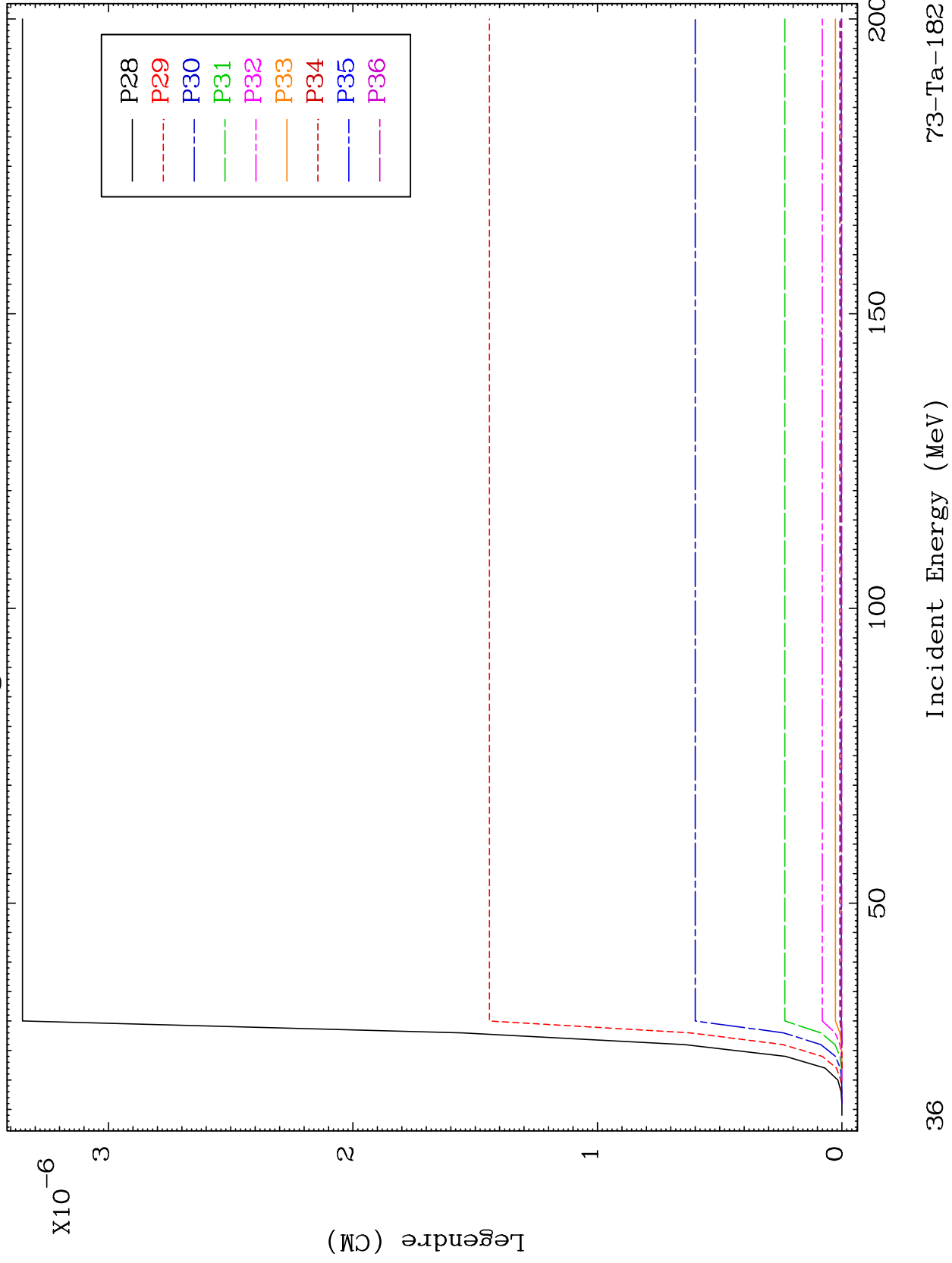
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MAT 7331

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

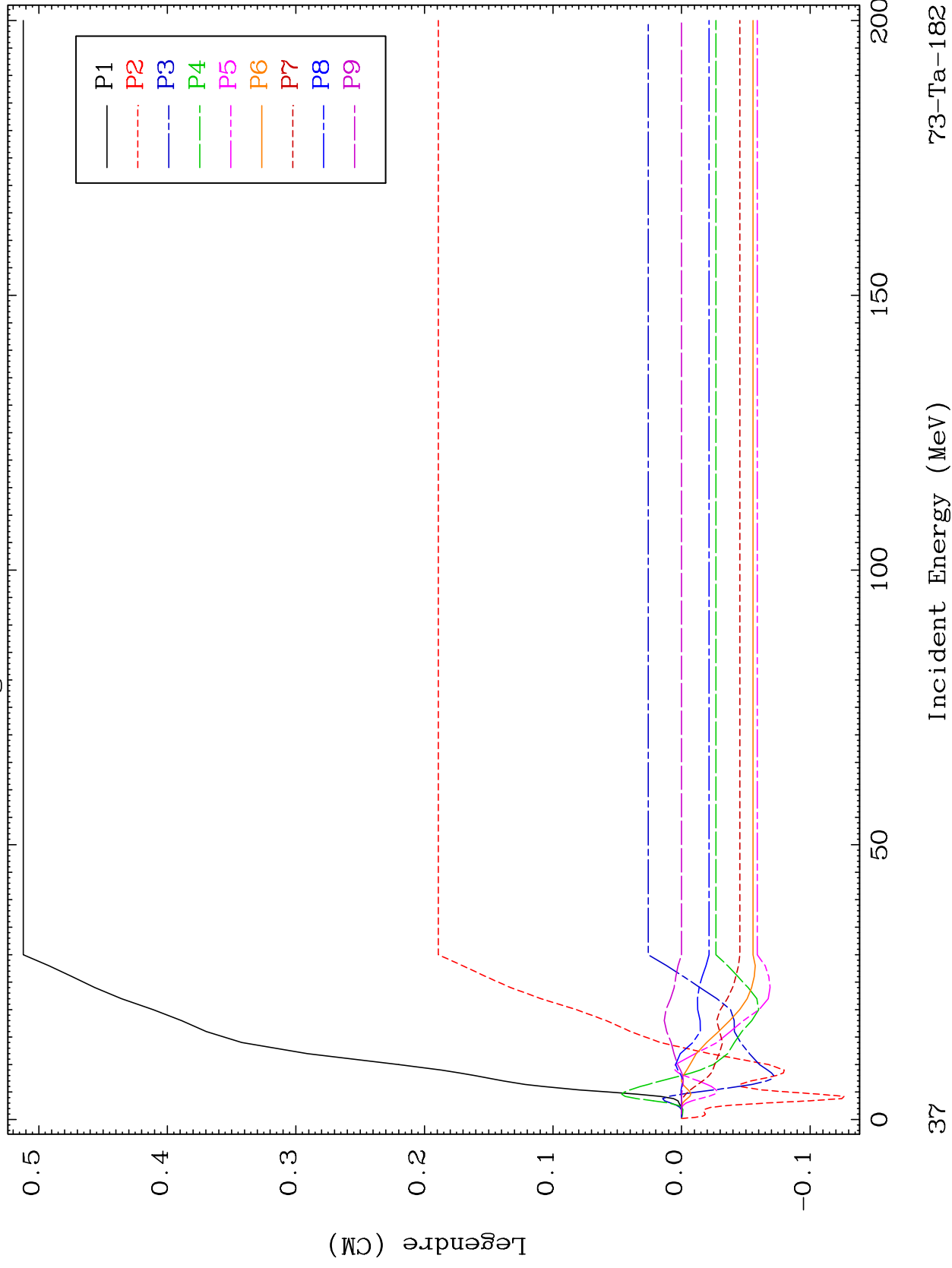
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MAT 7331

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

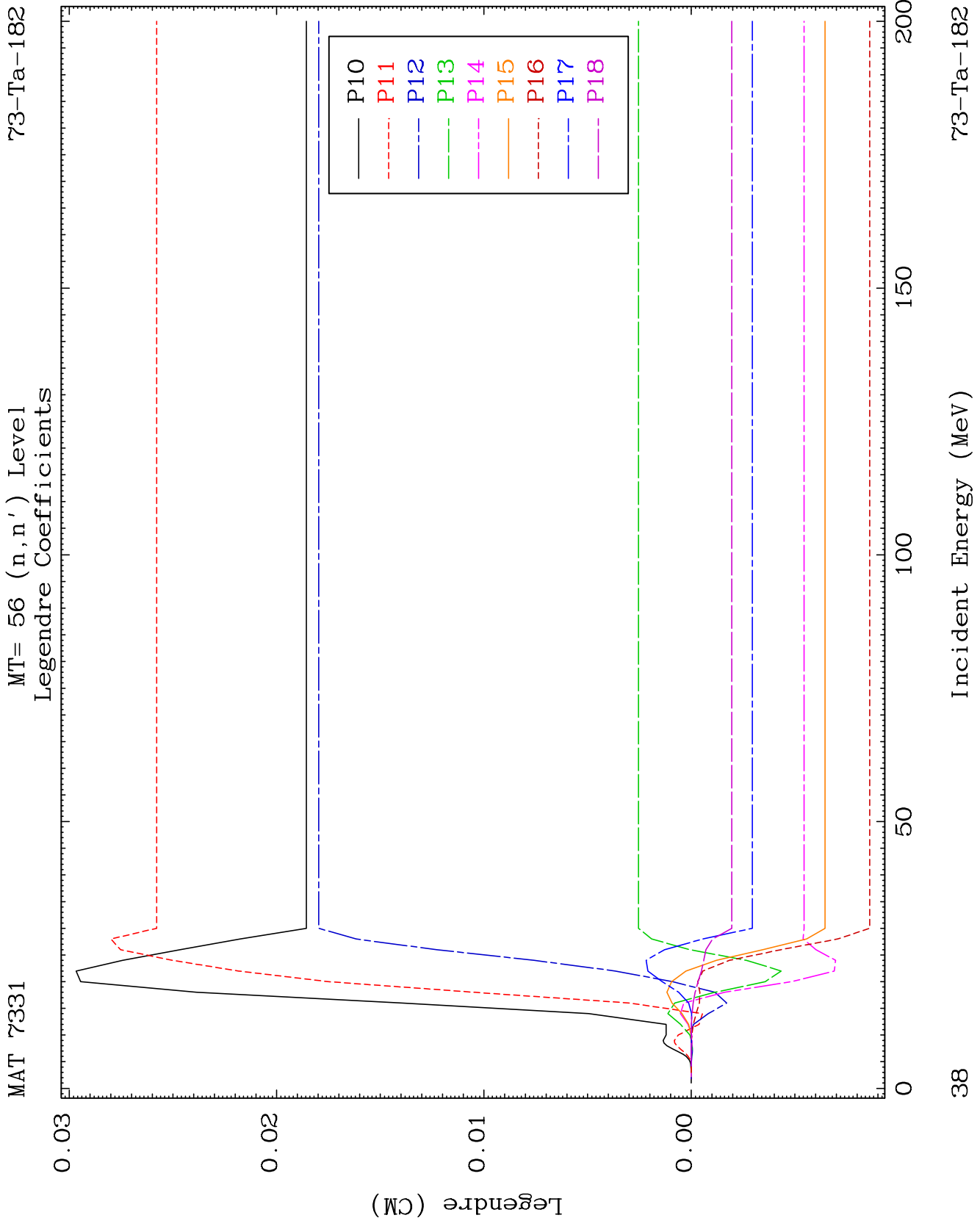
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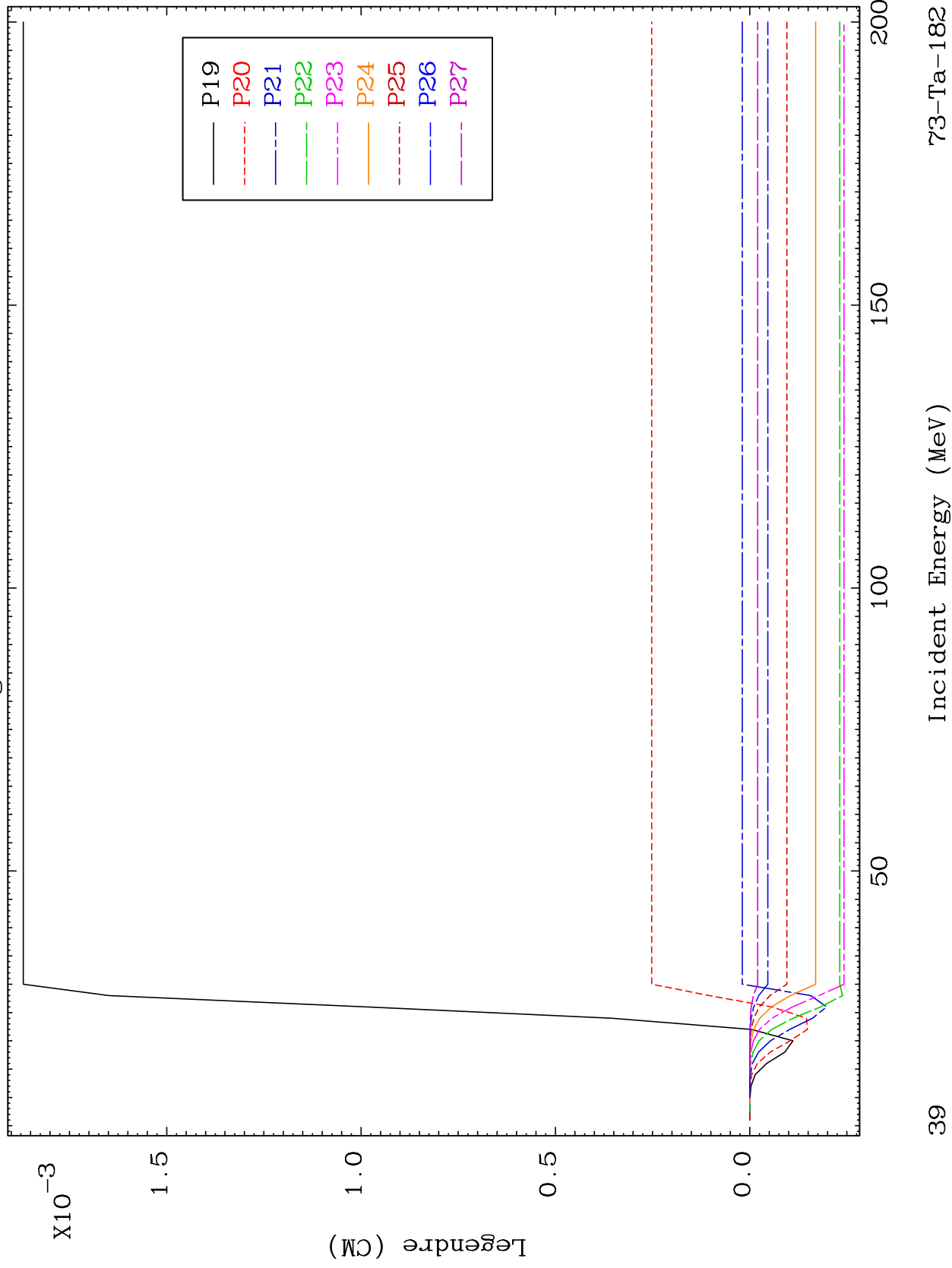


73-Ta-182

Incident Energy (MeV)

37

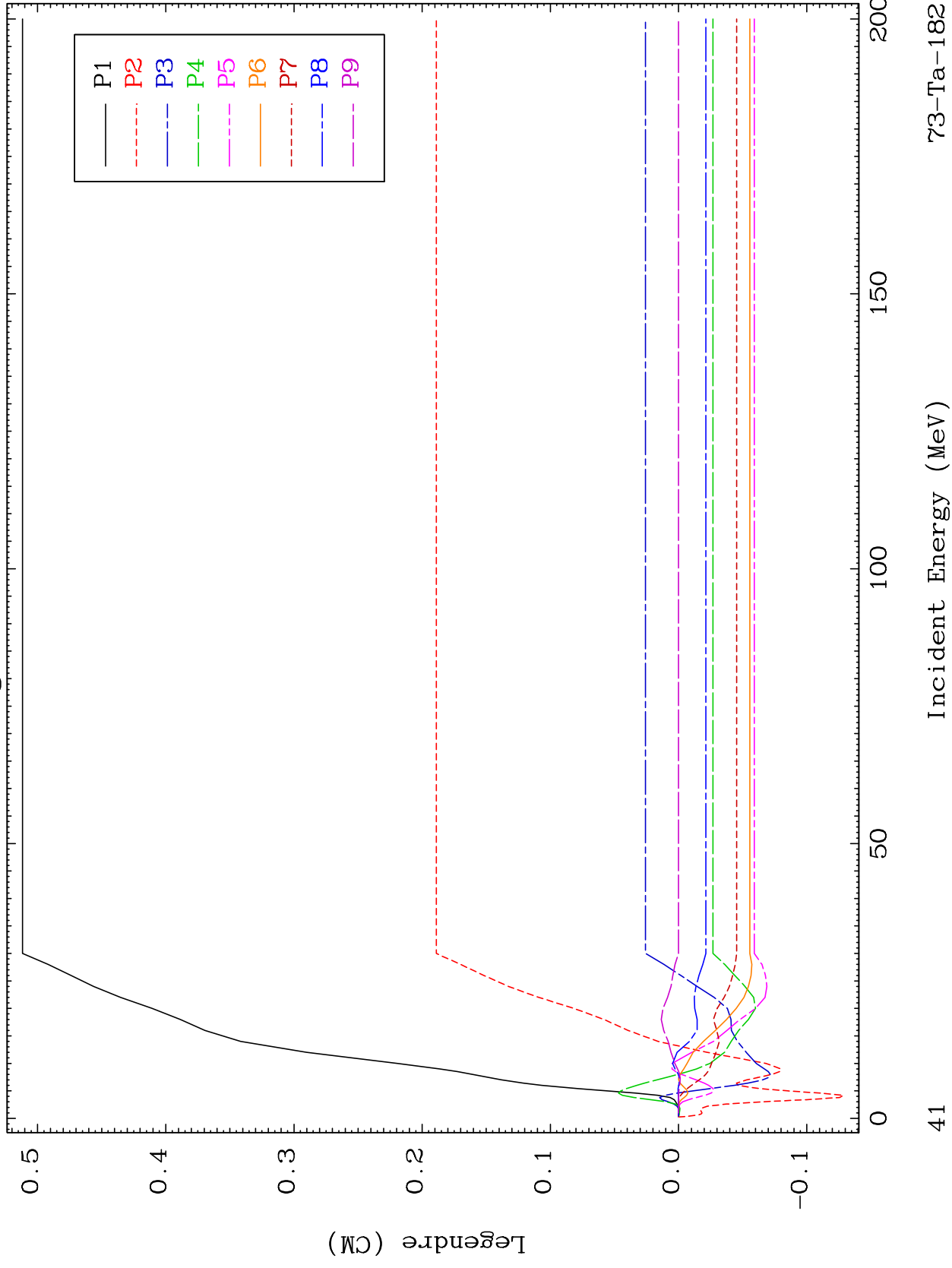




MAT 7331

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

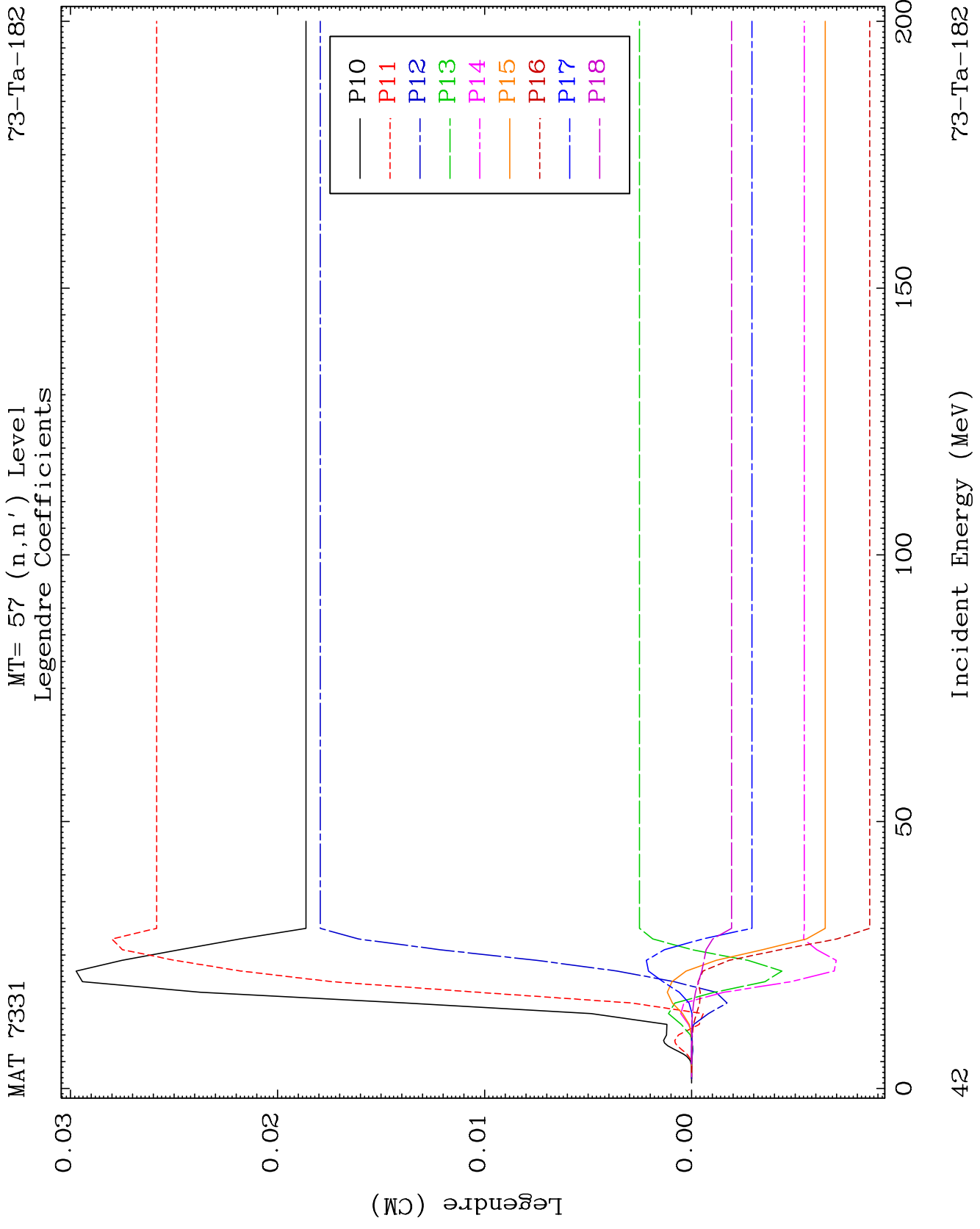
73-Ta-182



73-Ta-182

Incident Energy (MeV)

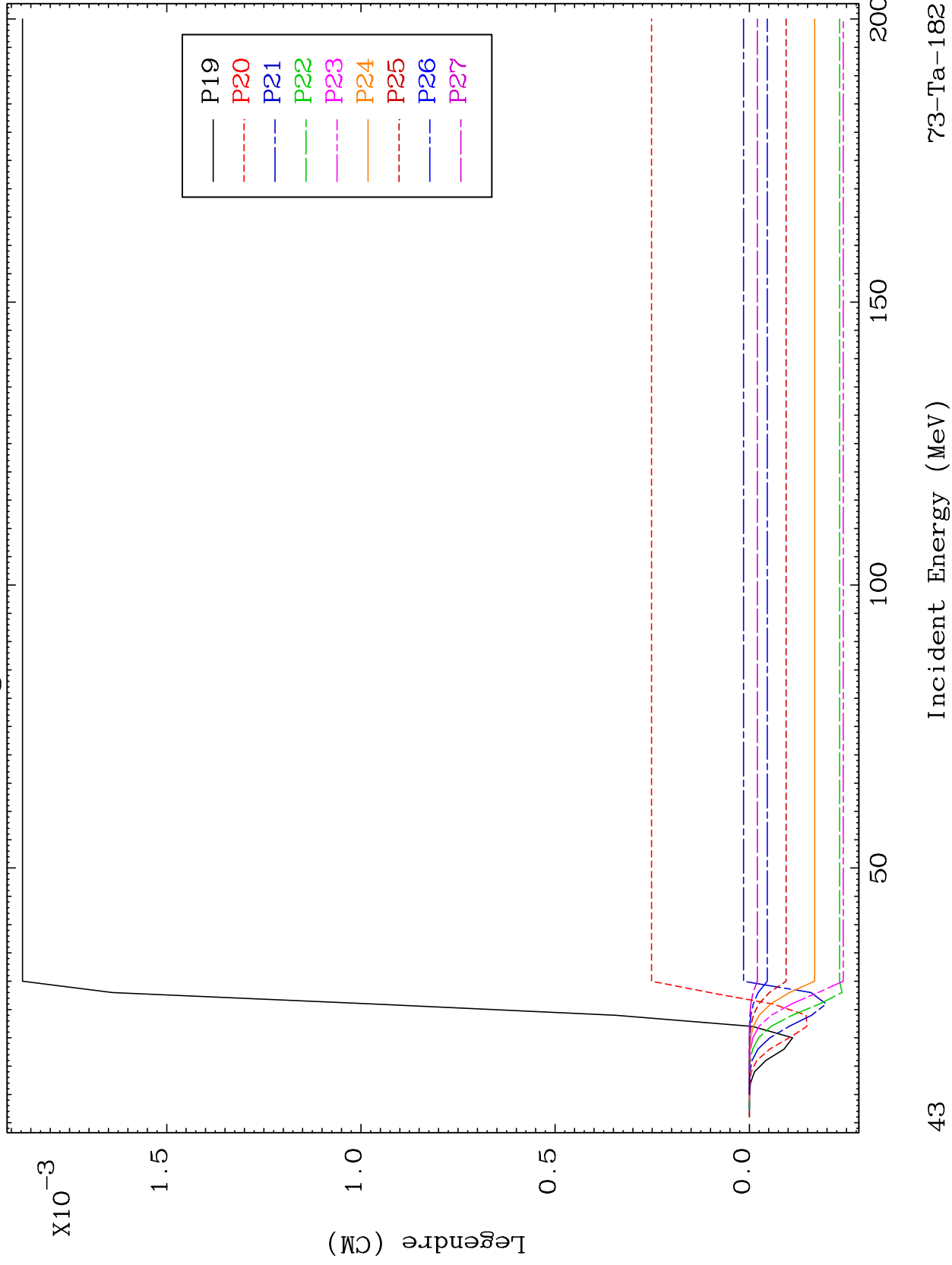
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MAT 7331

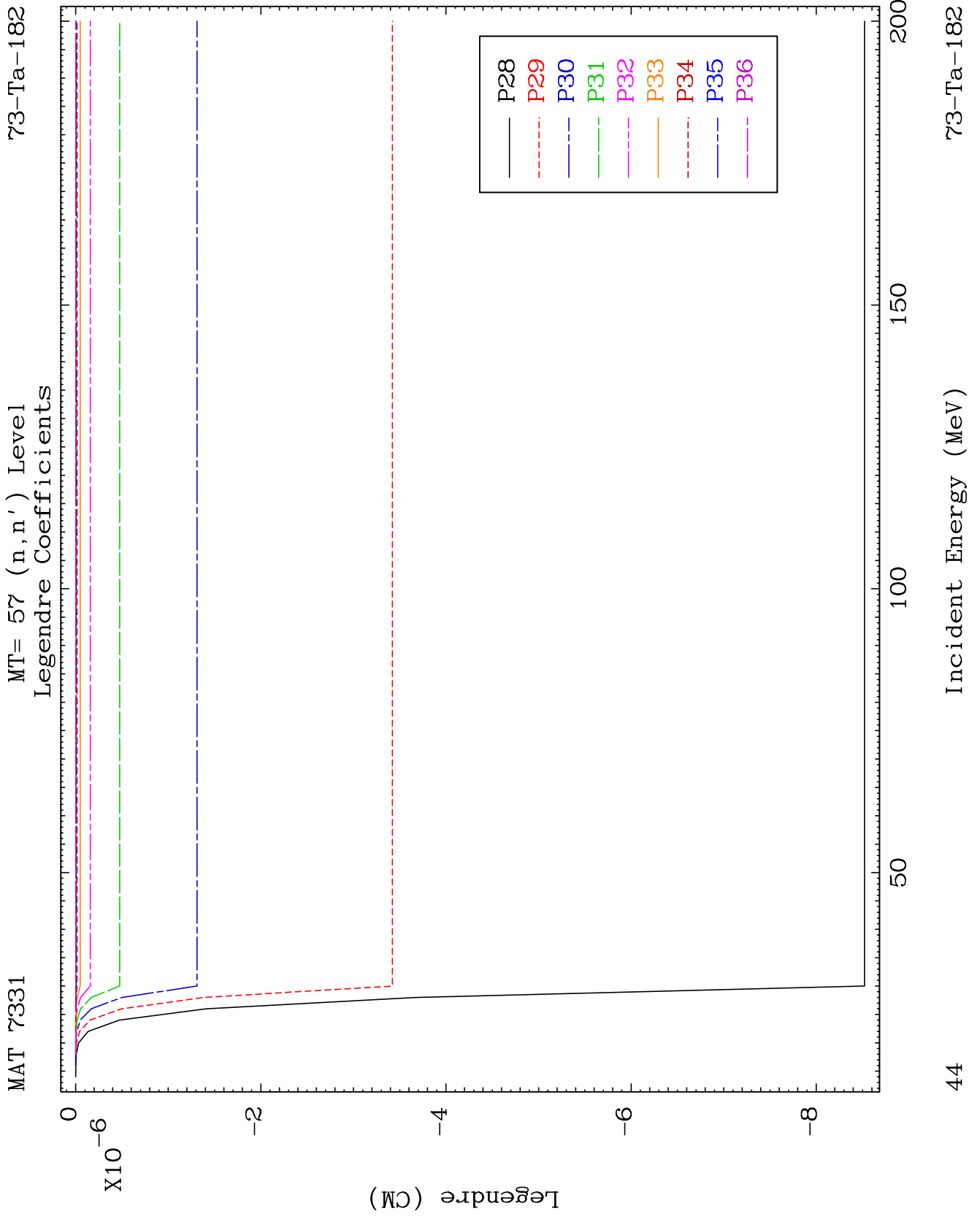
MT= 57 (n,n') Level
Legendre Coefficients

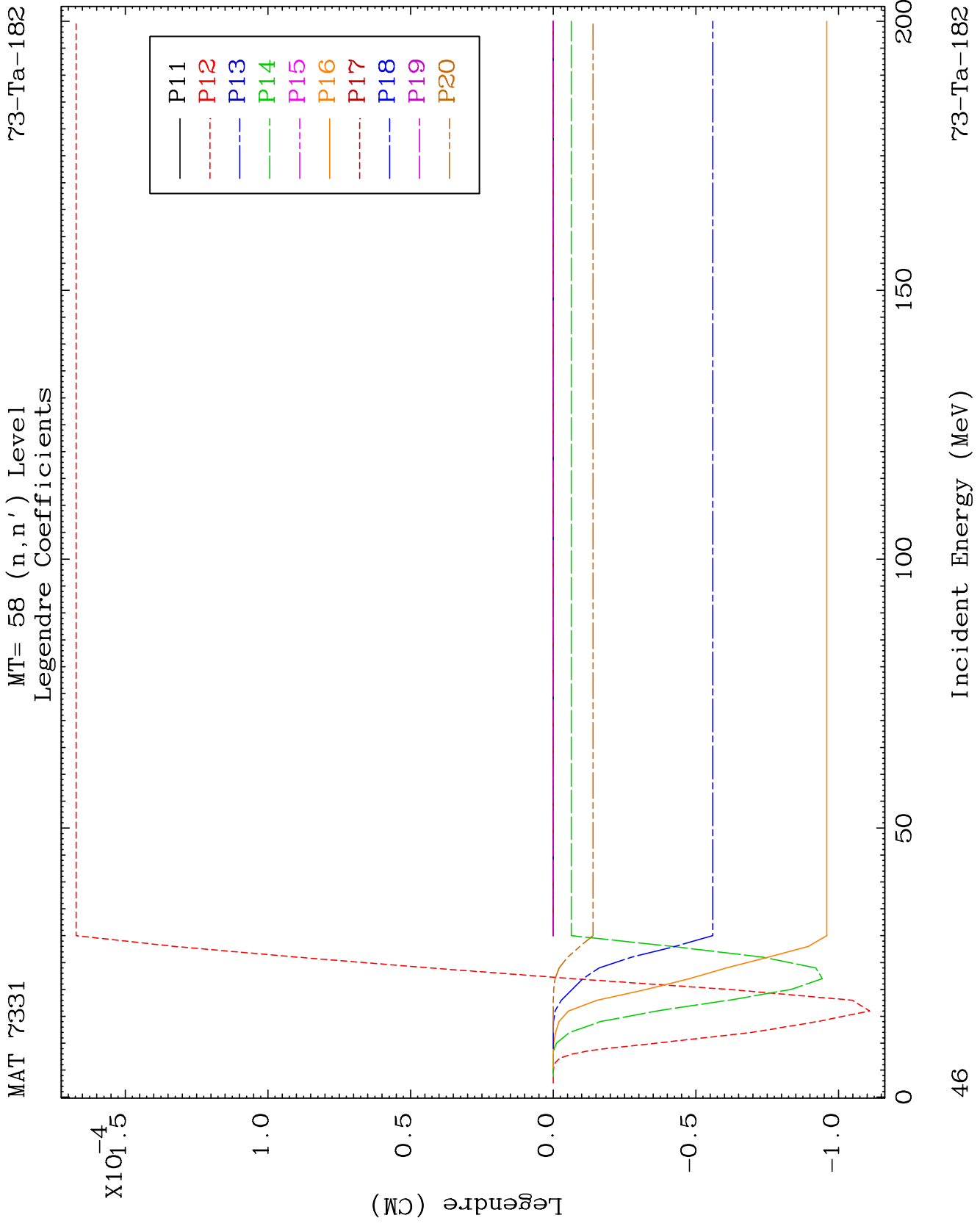
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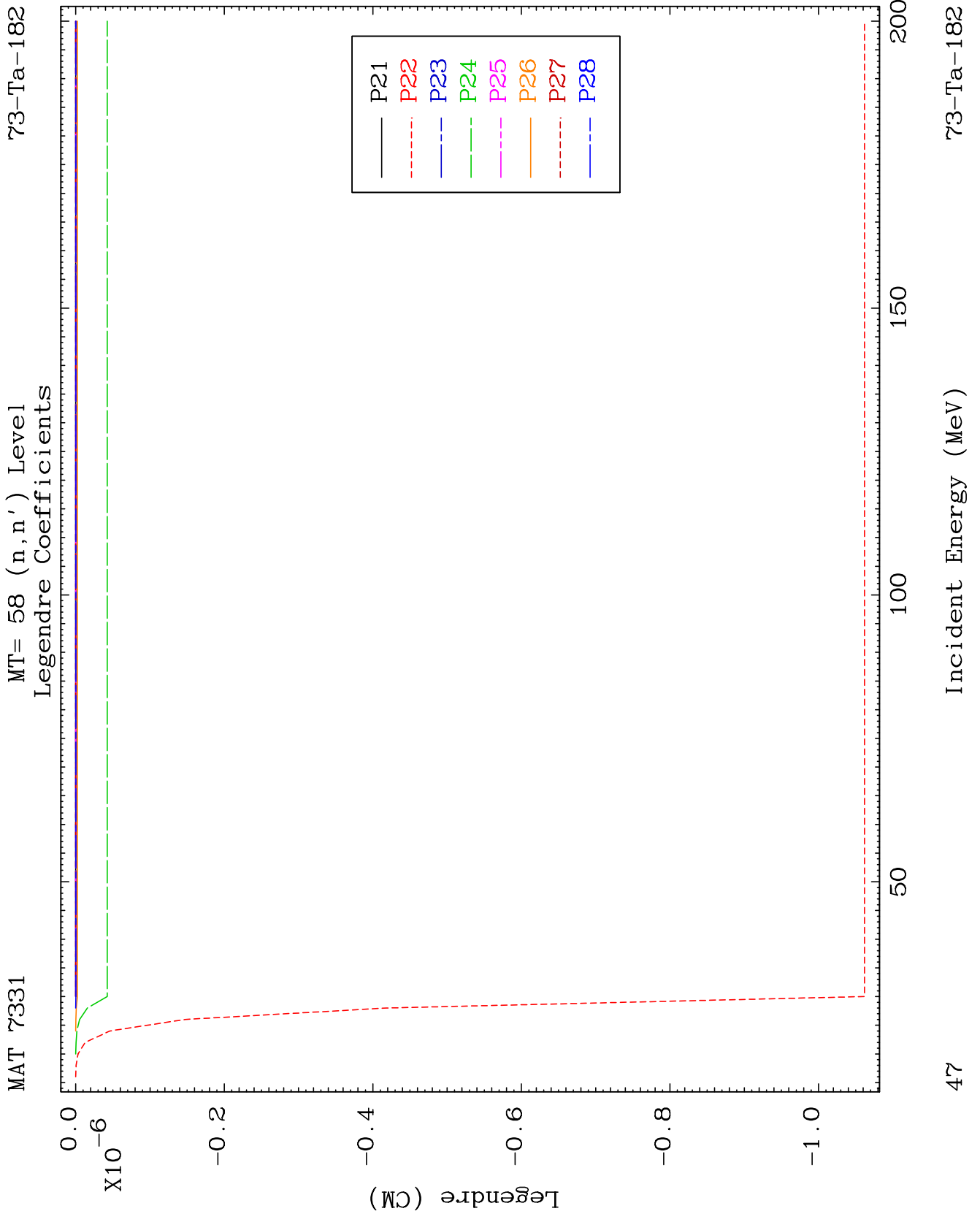


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73-Ta-182



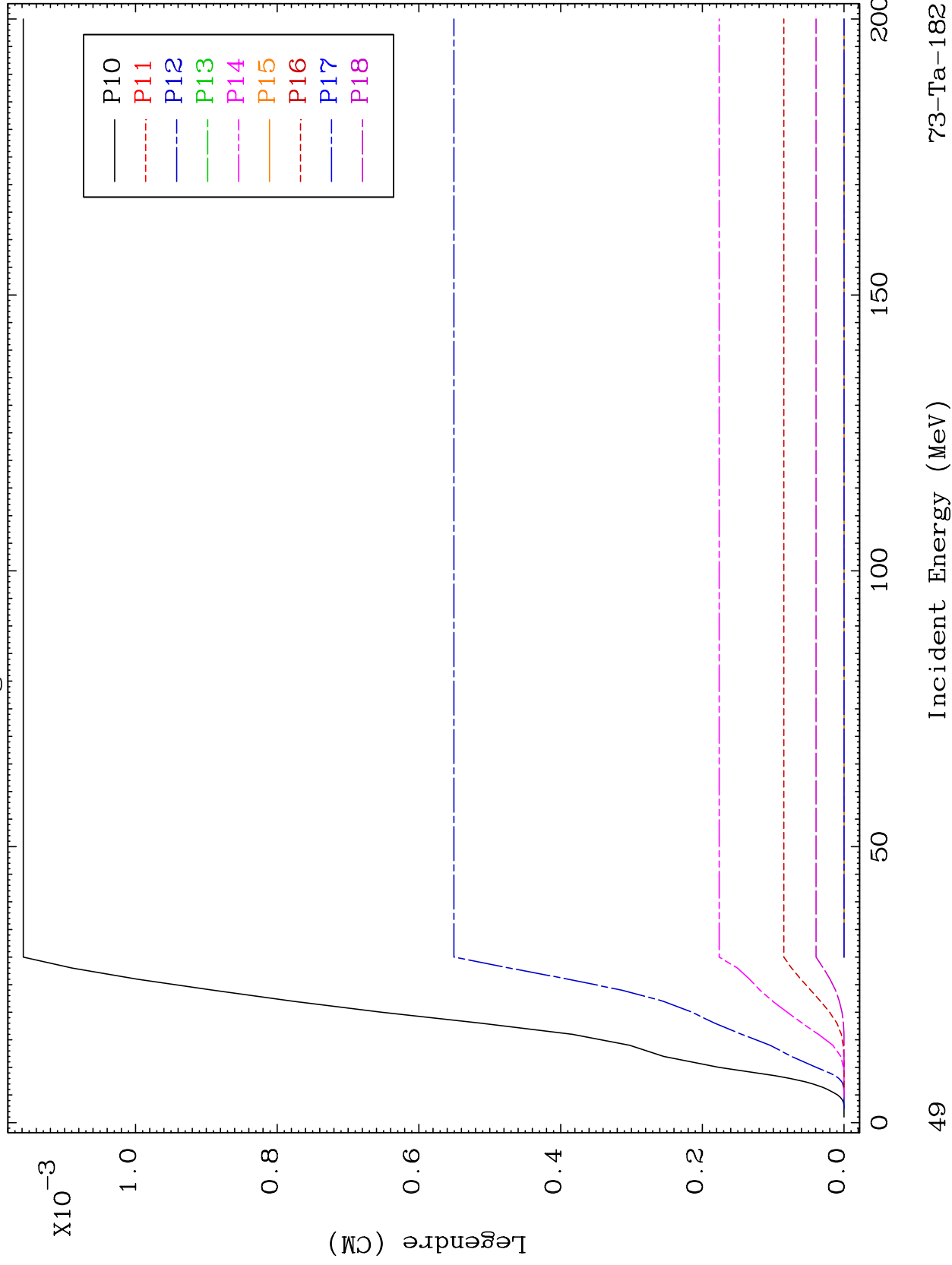




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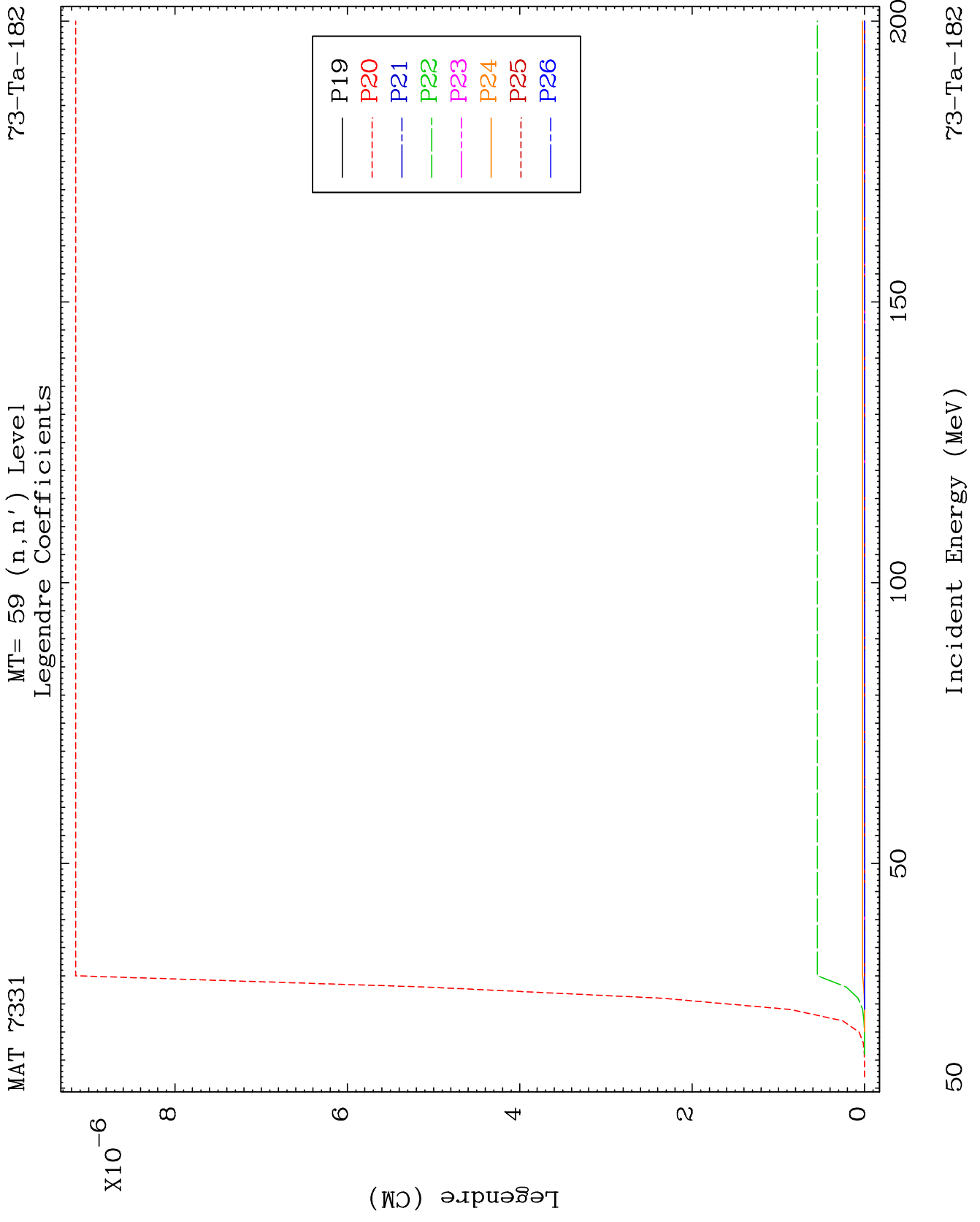
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Legendre Coefficients

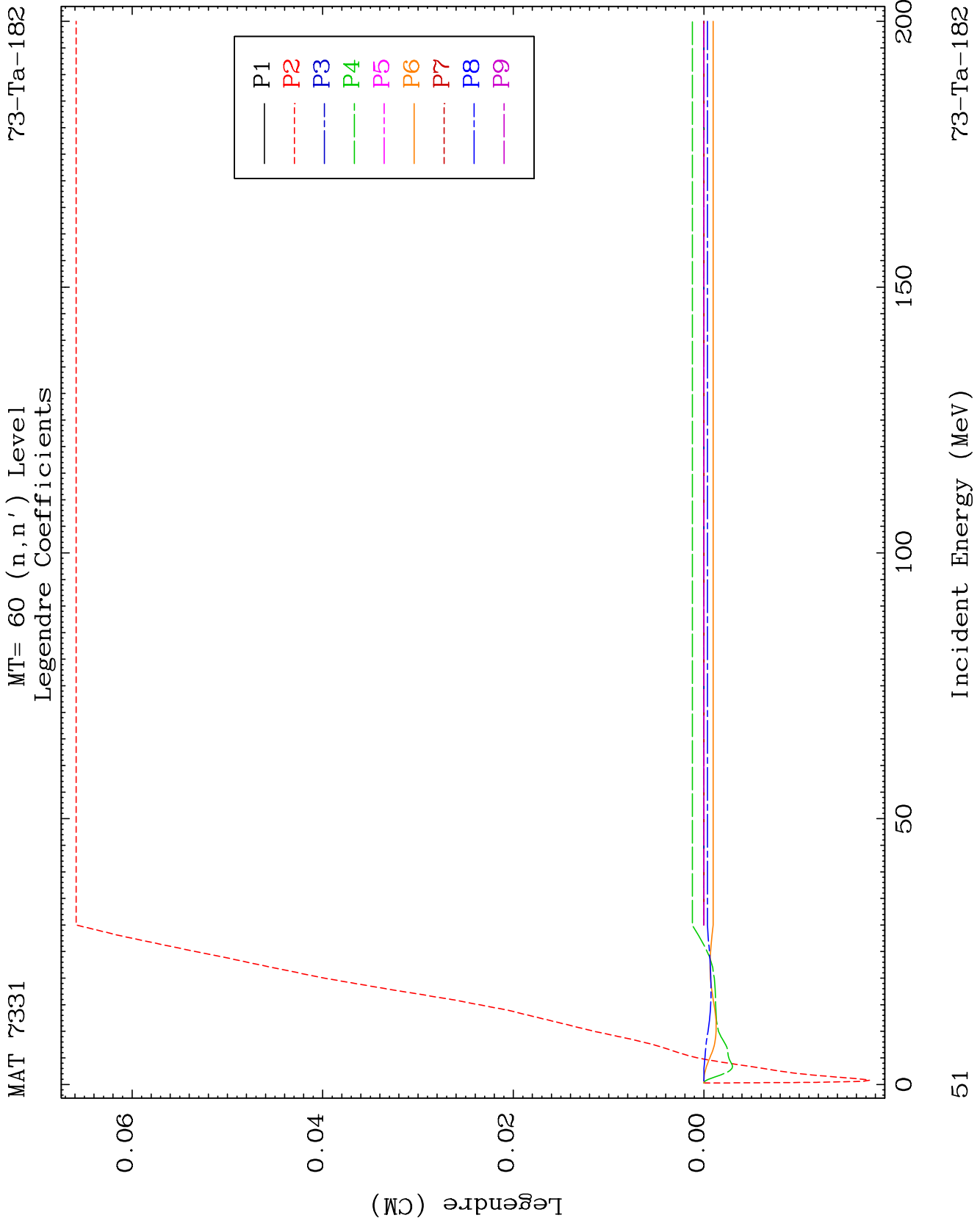
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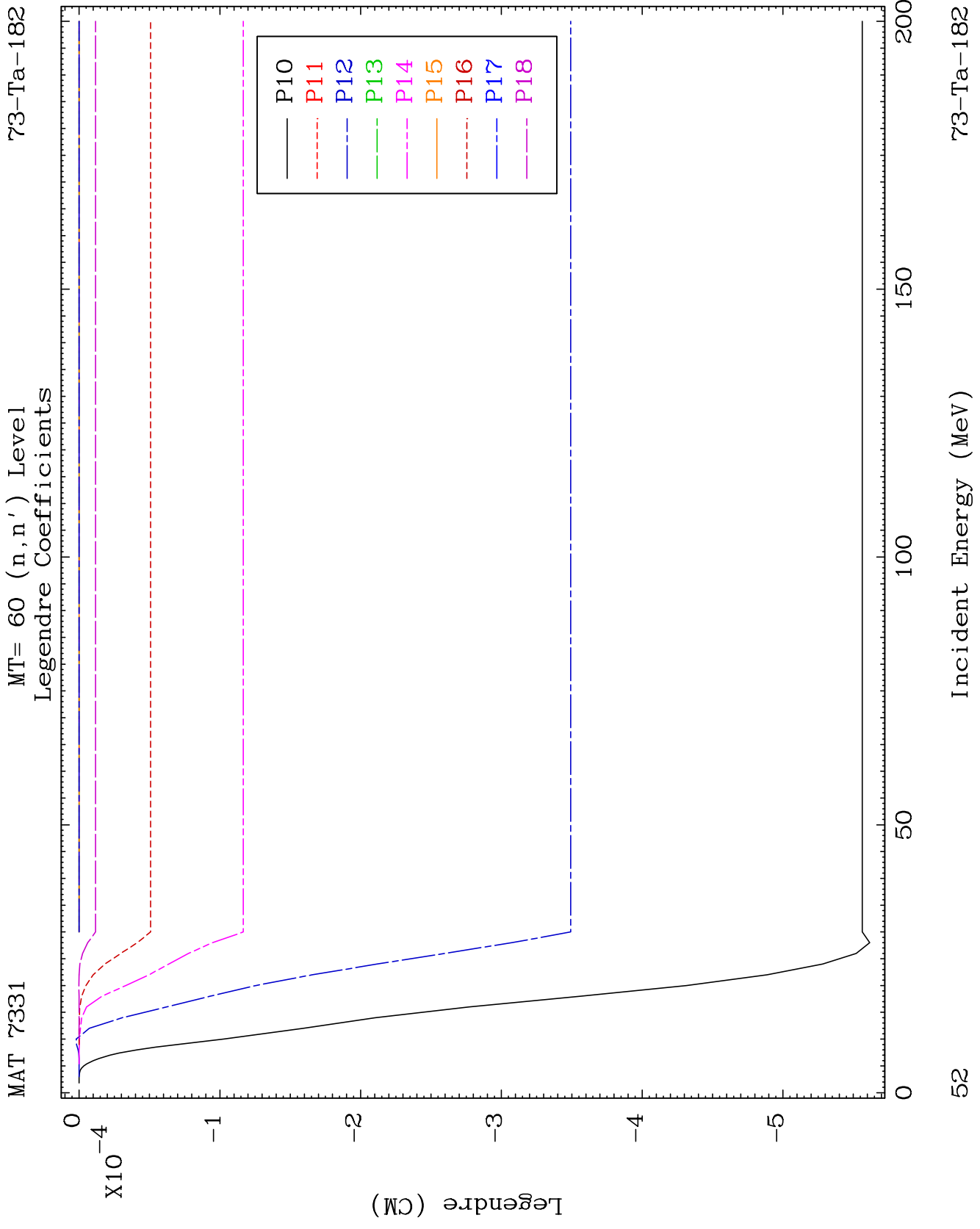


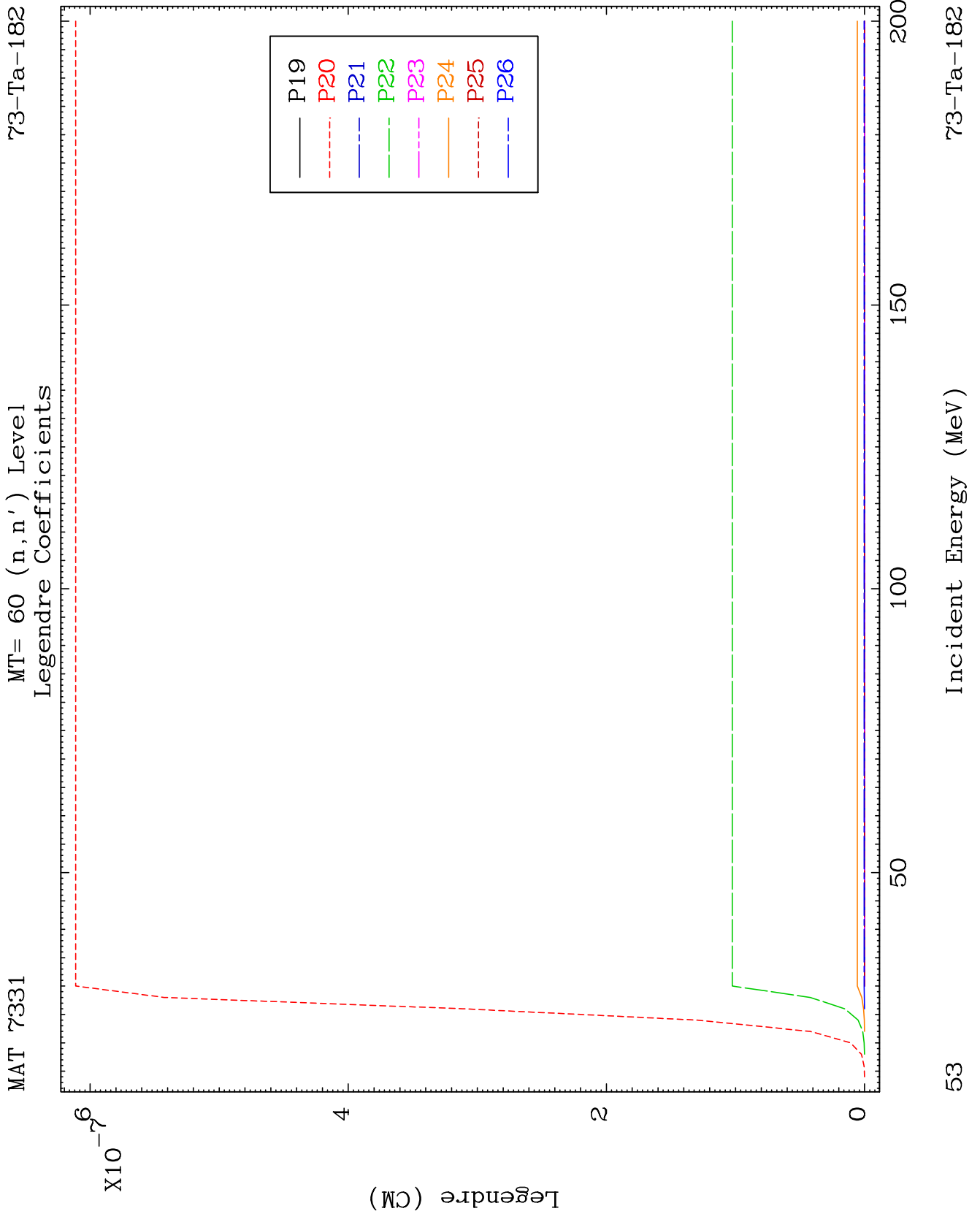
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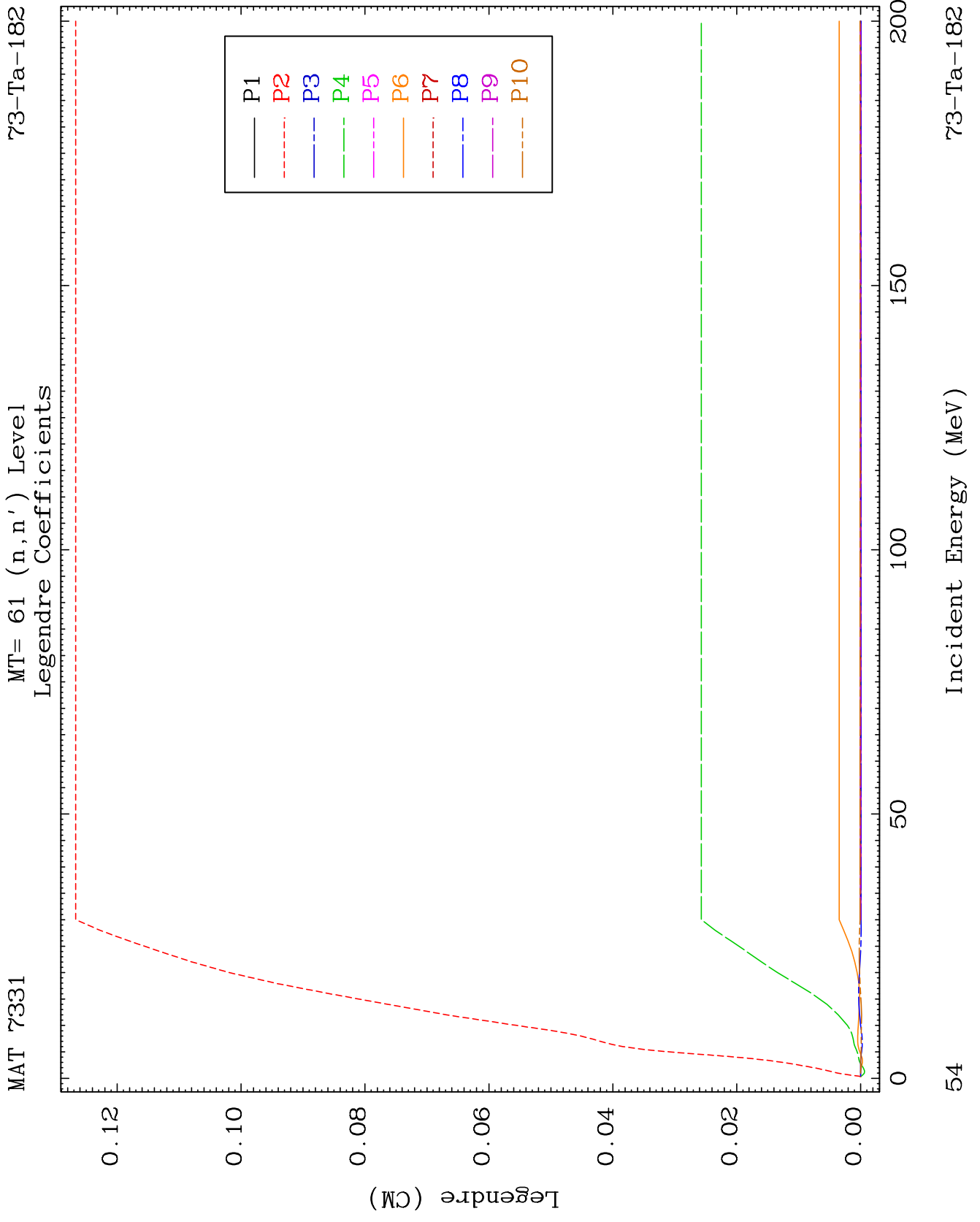
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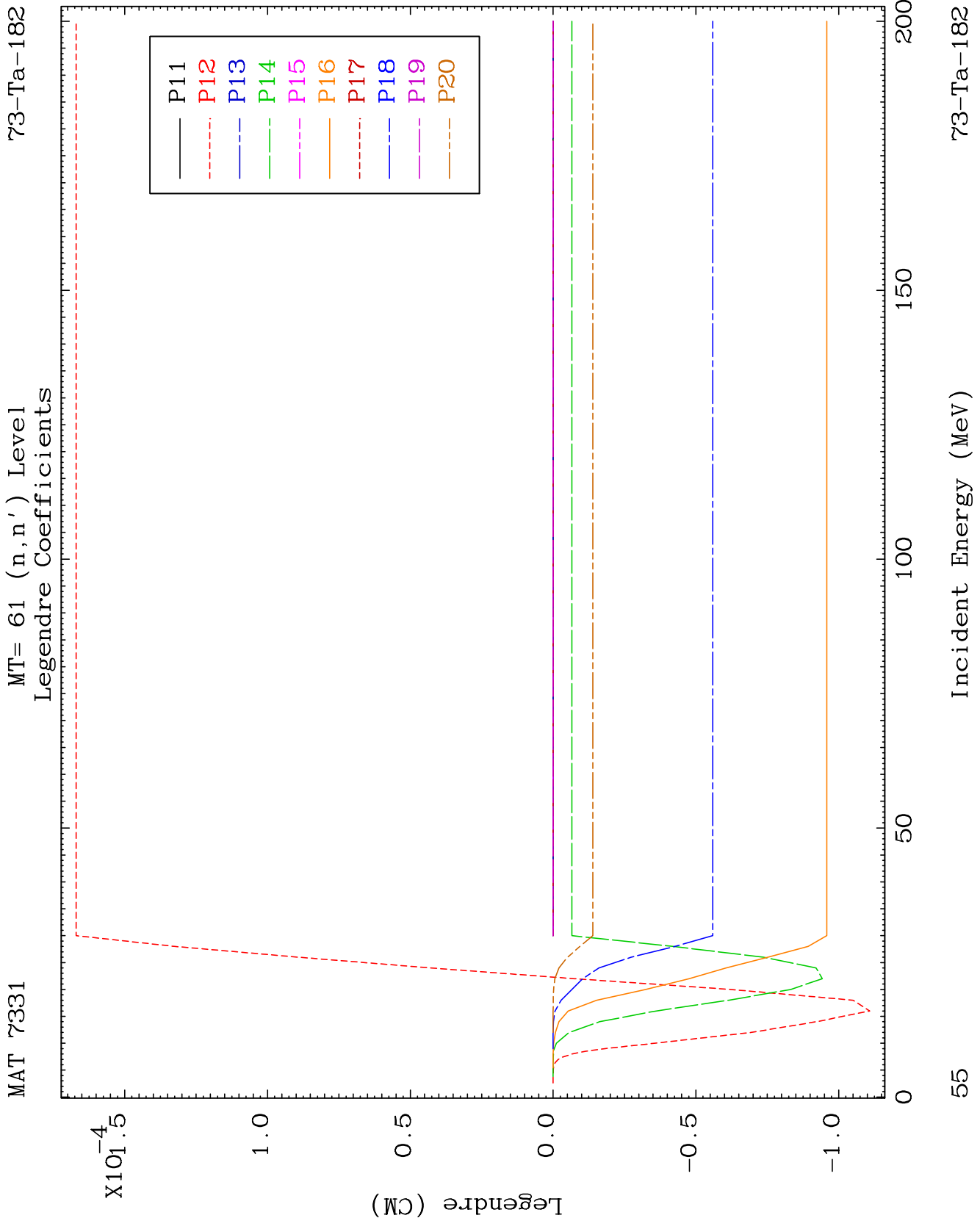


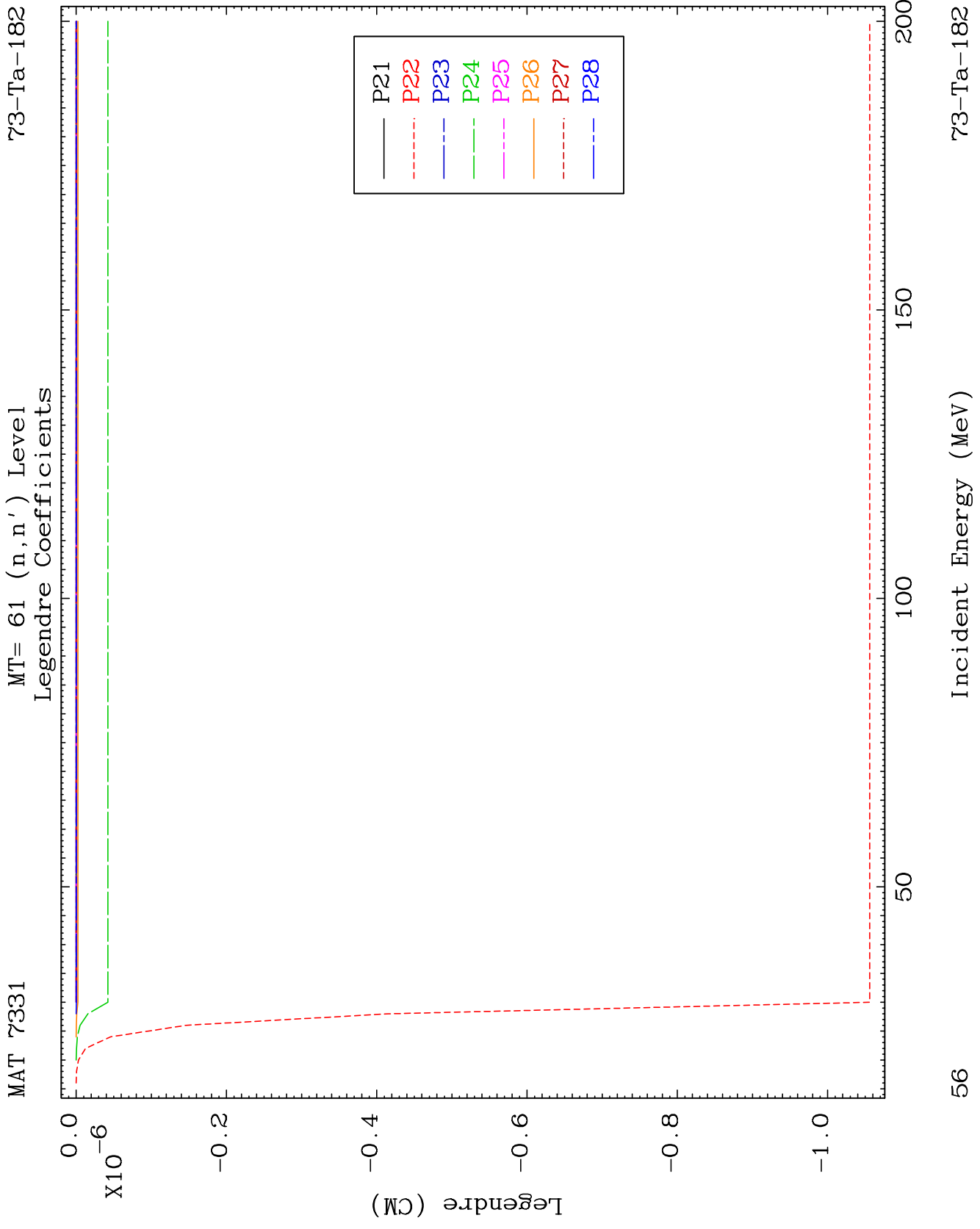








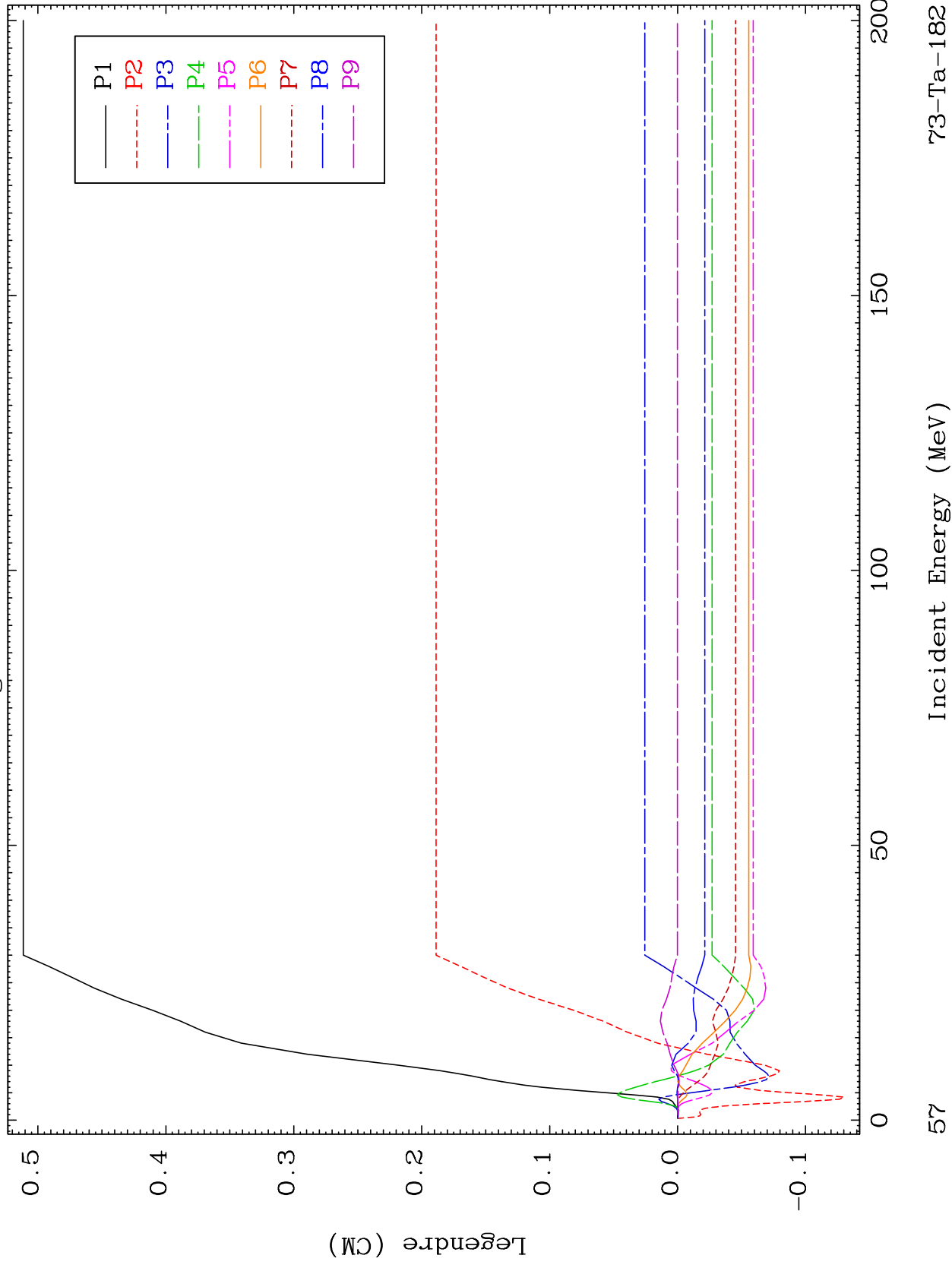




MAT 7331

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

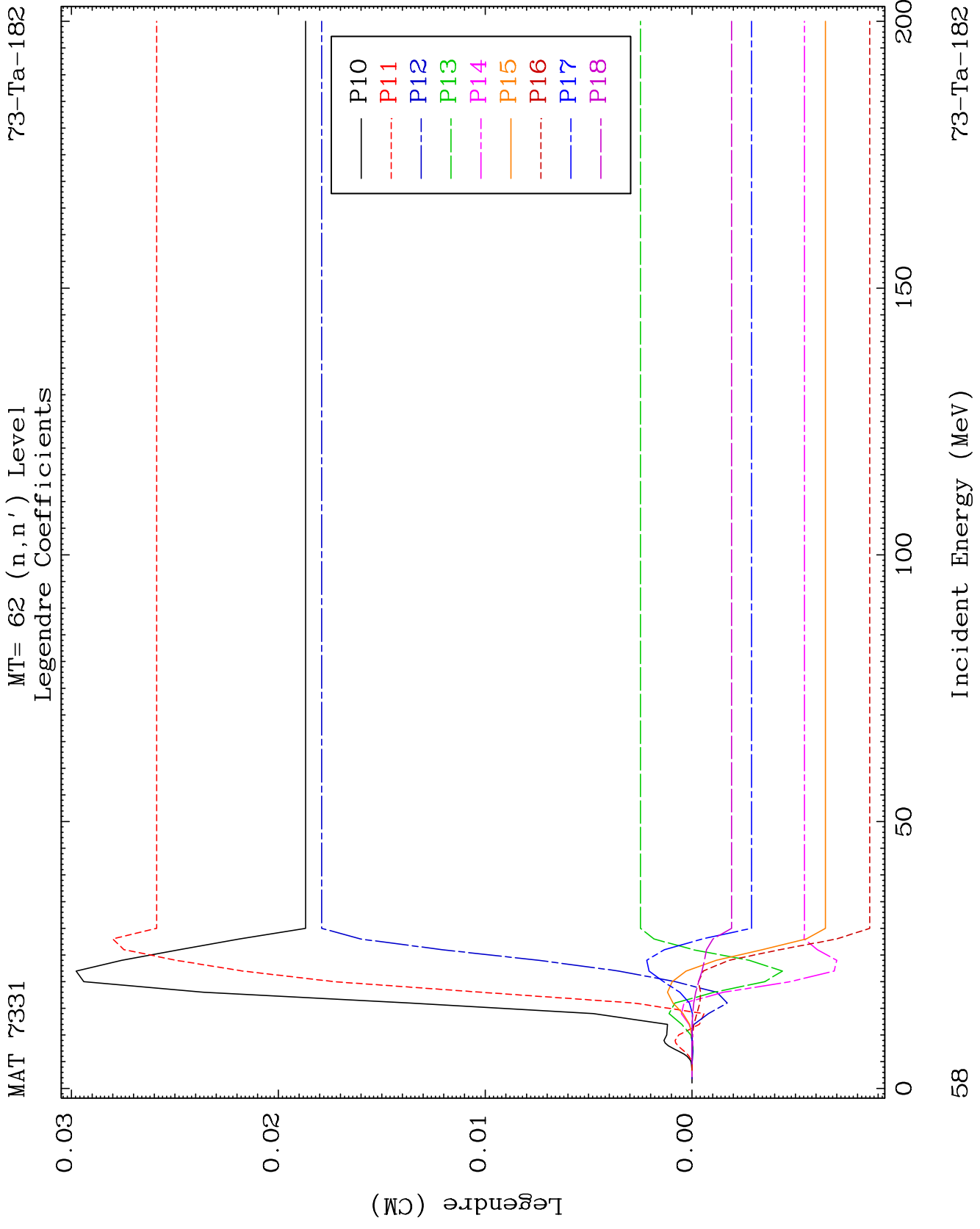
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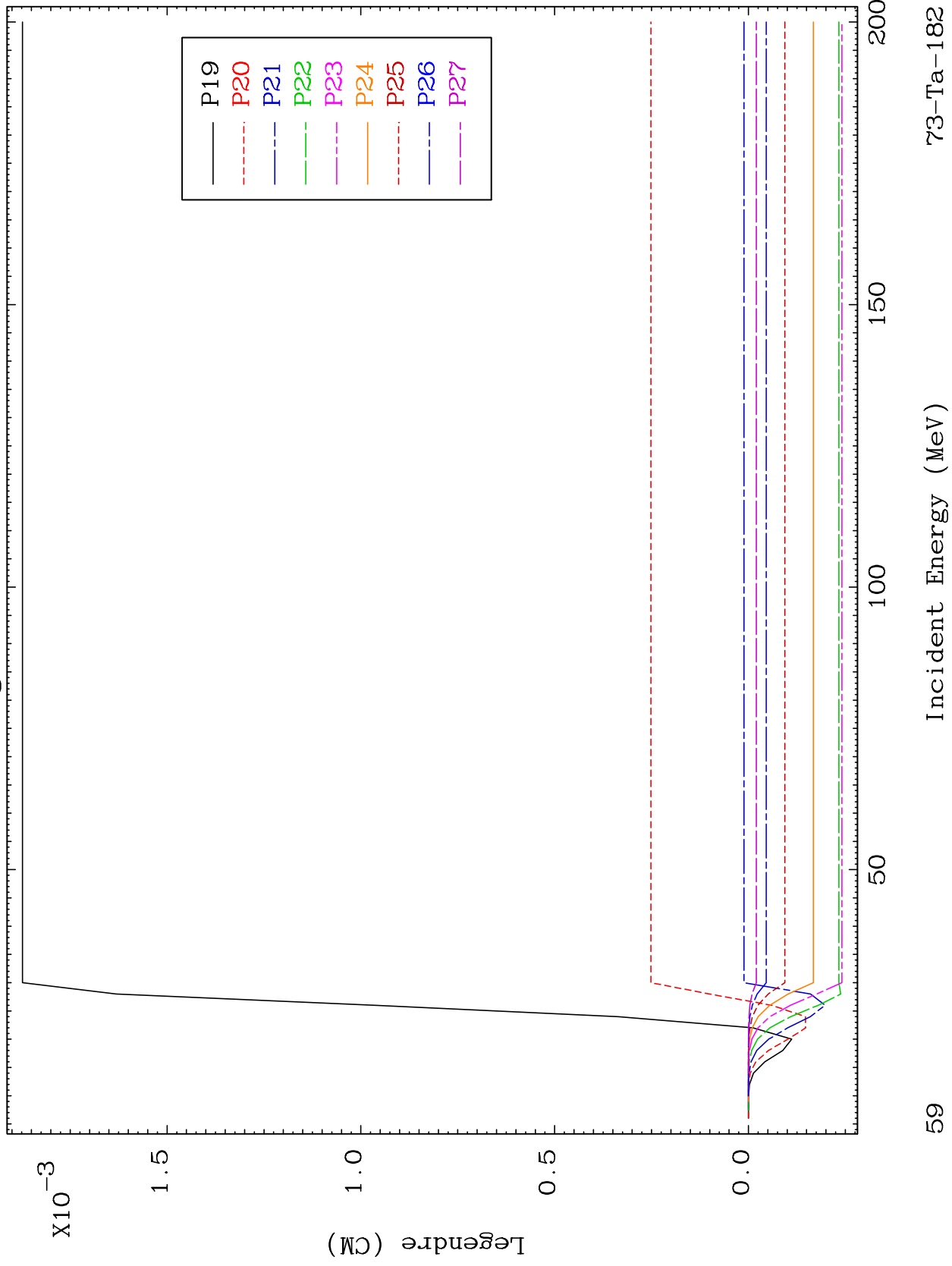


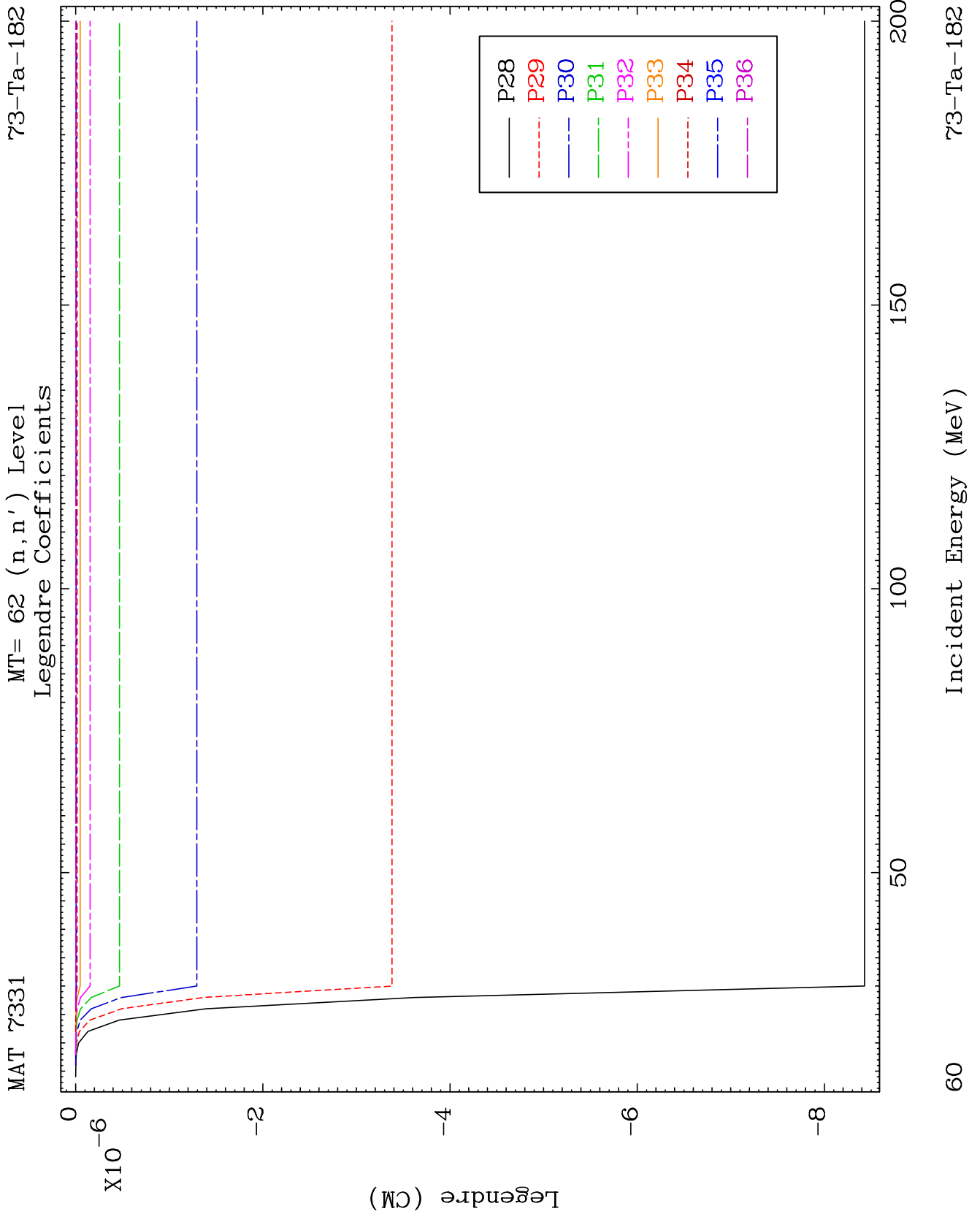
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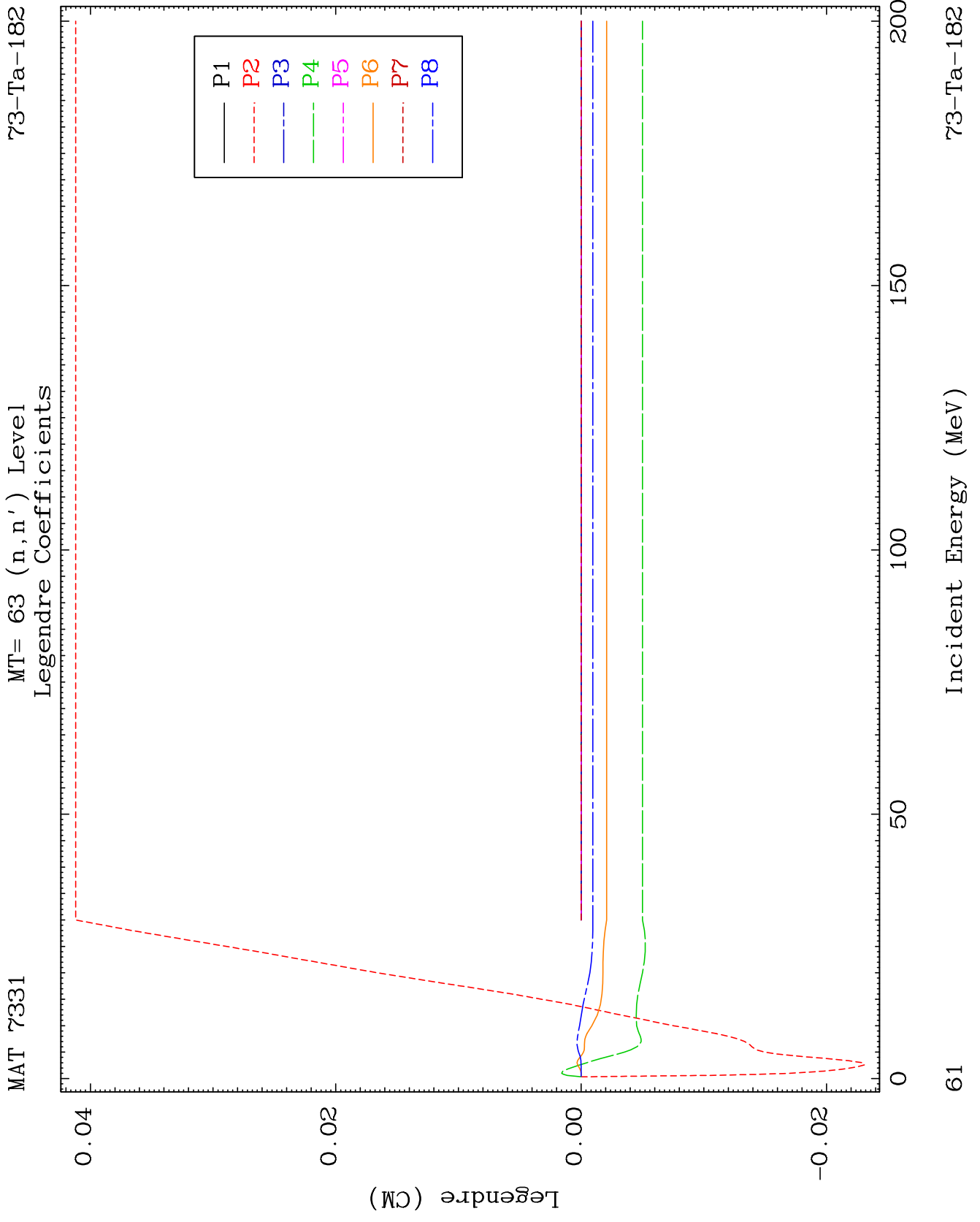
Incident Energy (MeV)

57





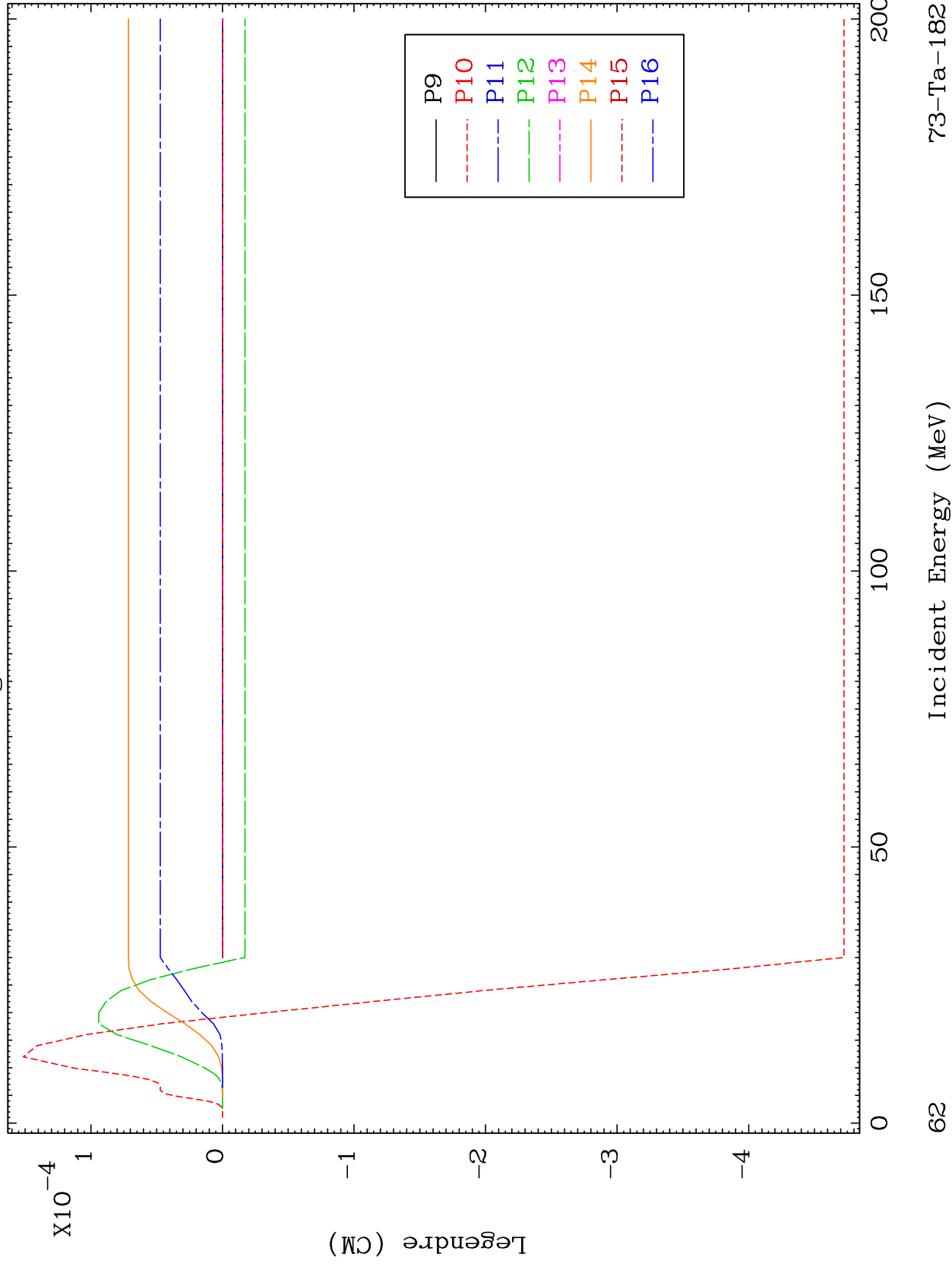




MAT 7331

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

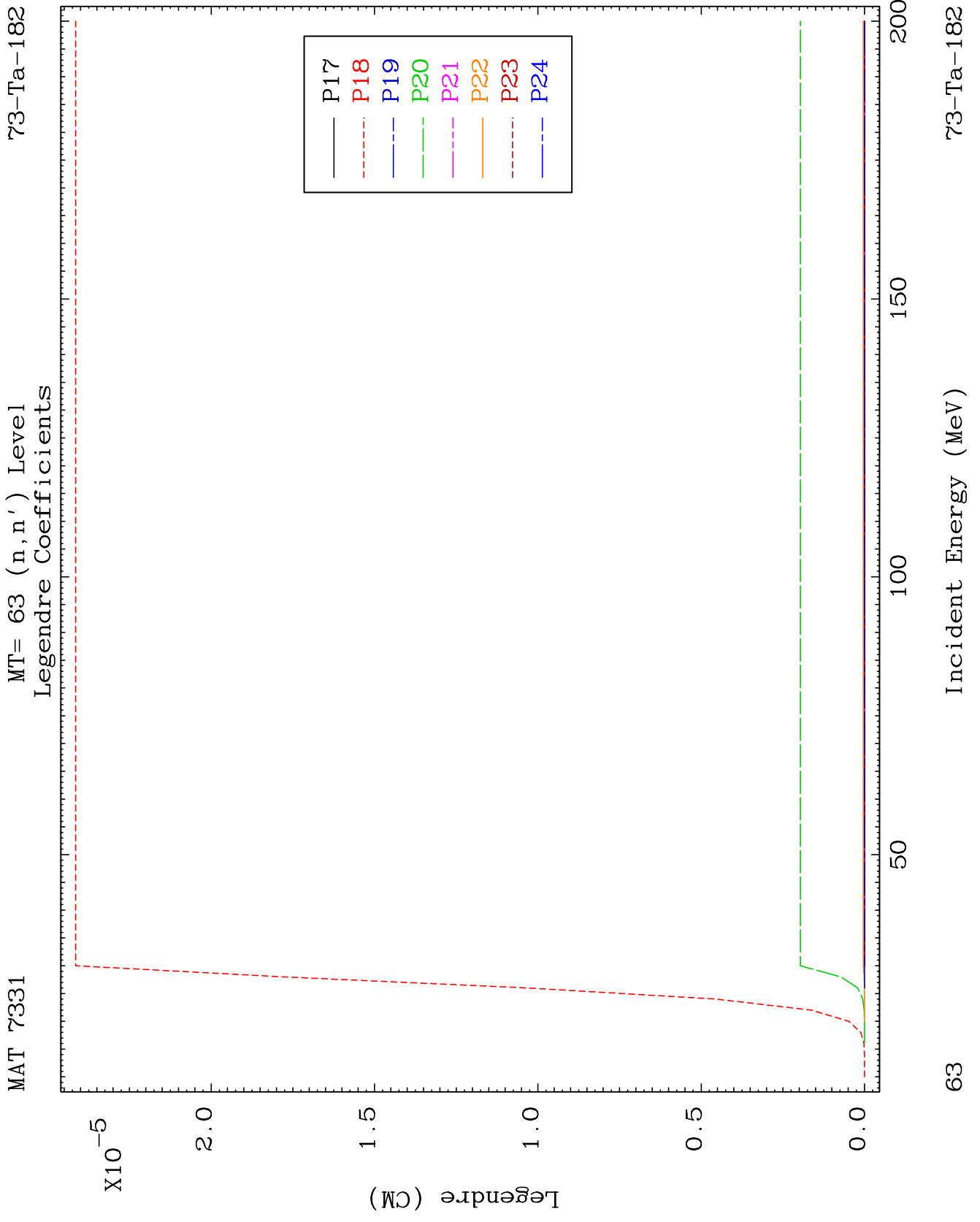
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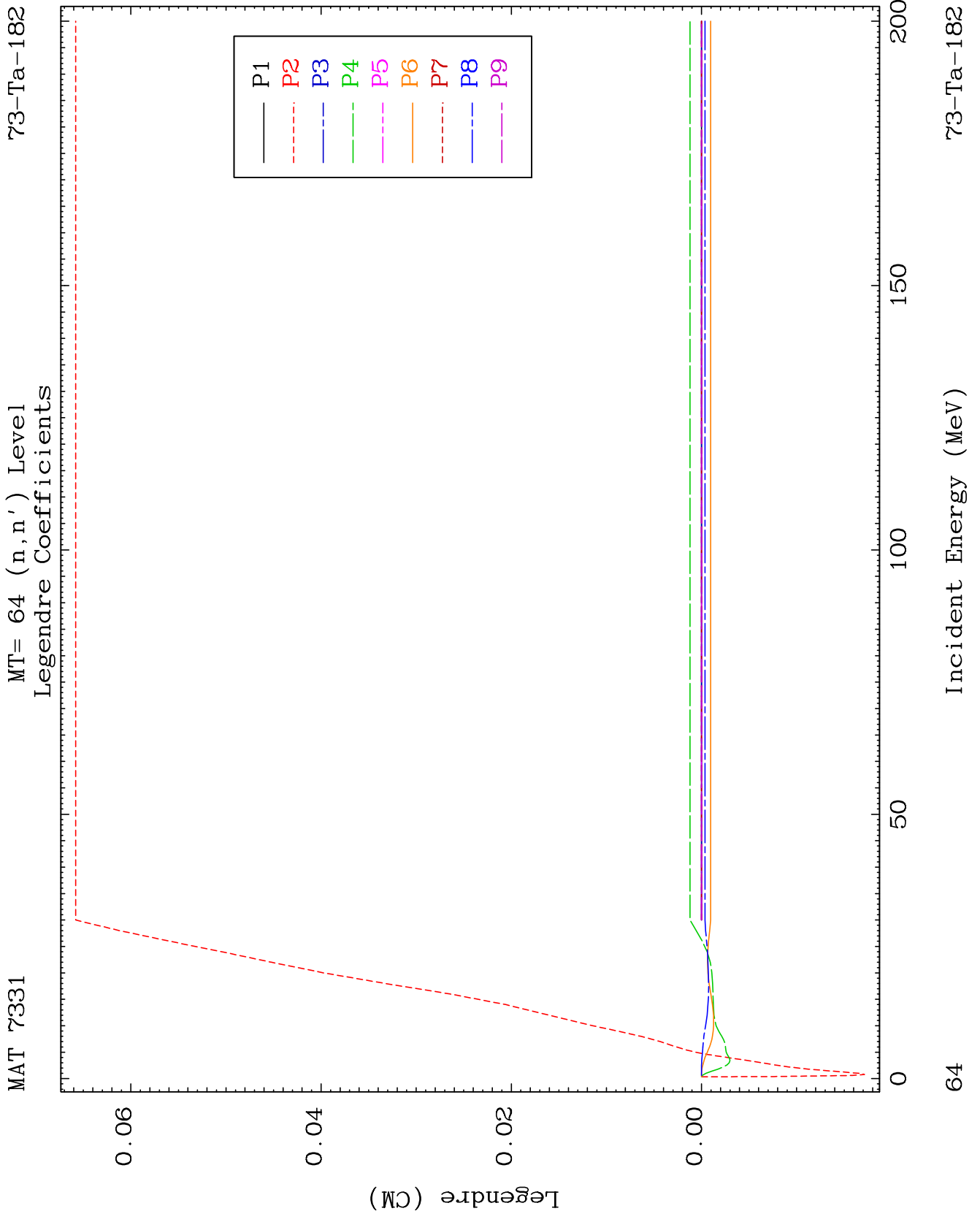


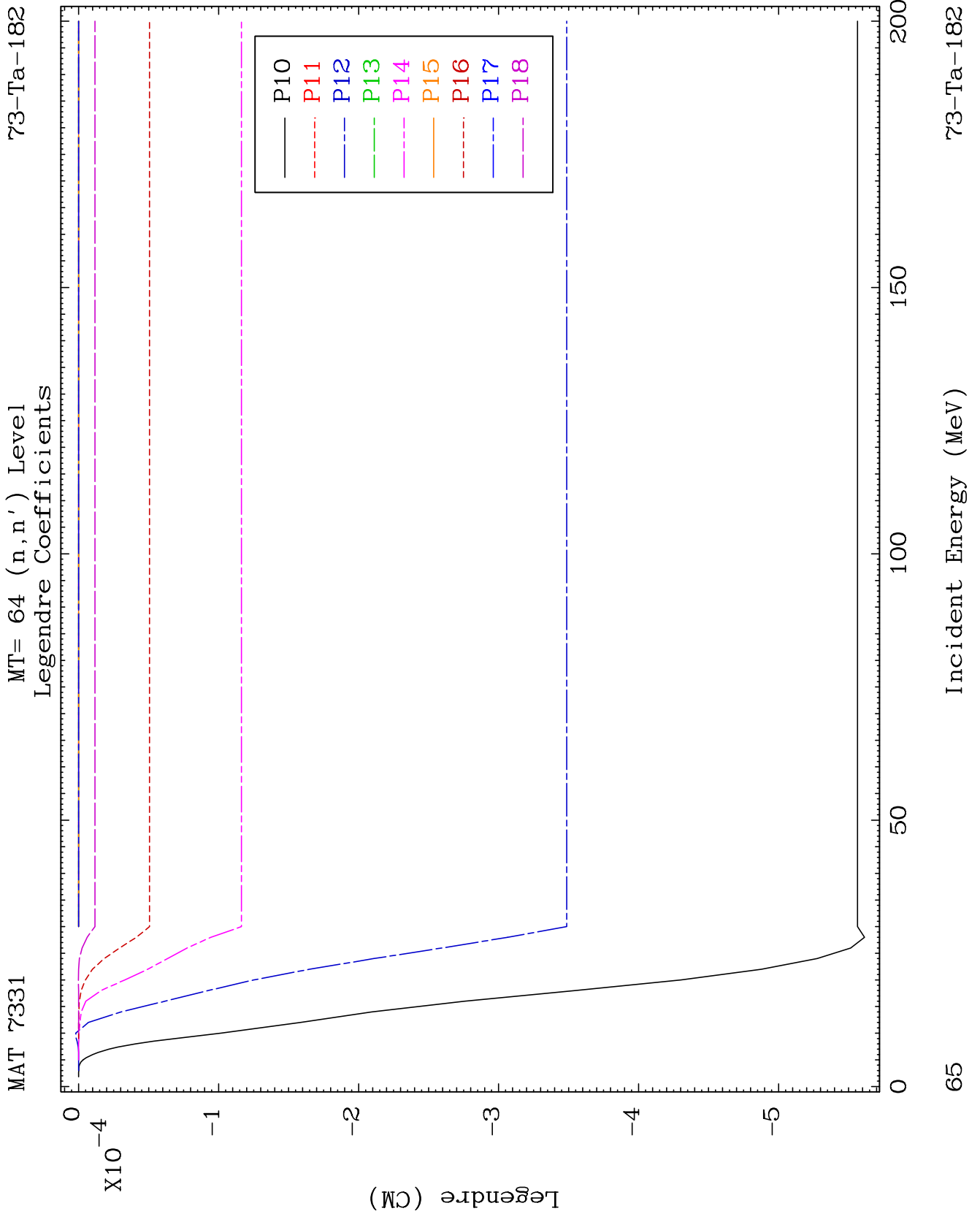
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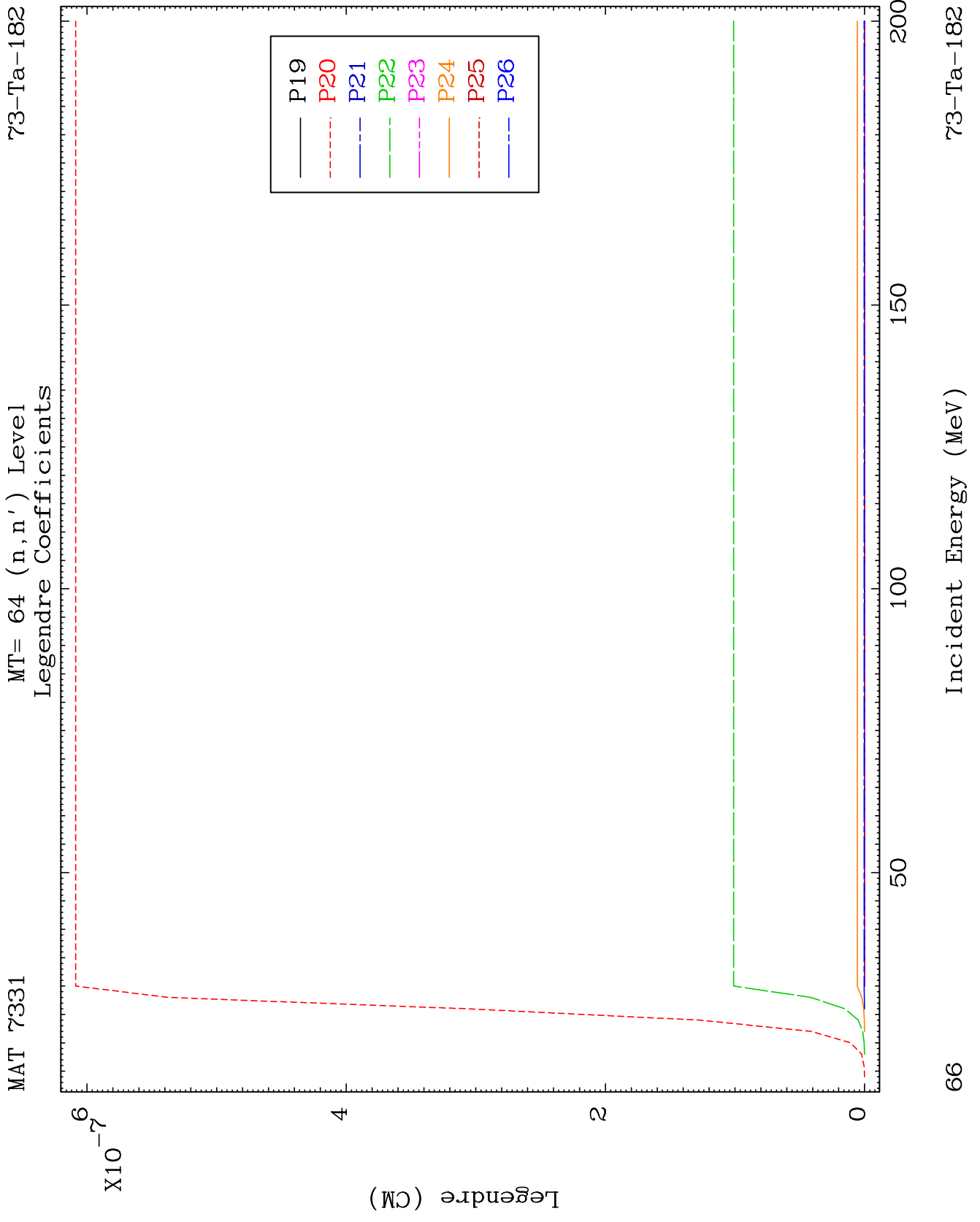
Incident Energy (MeV)

62





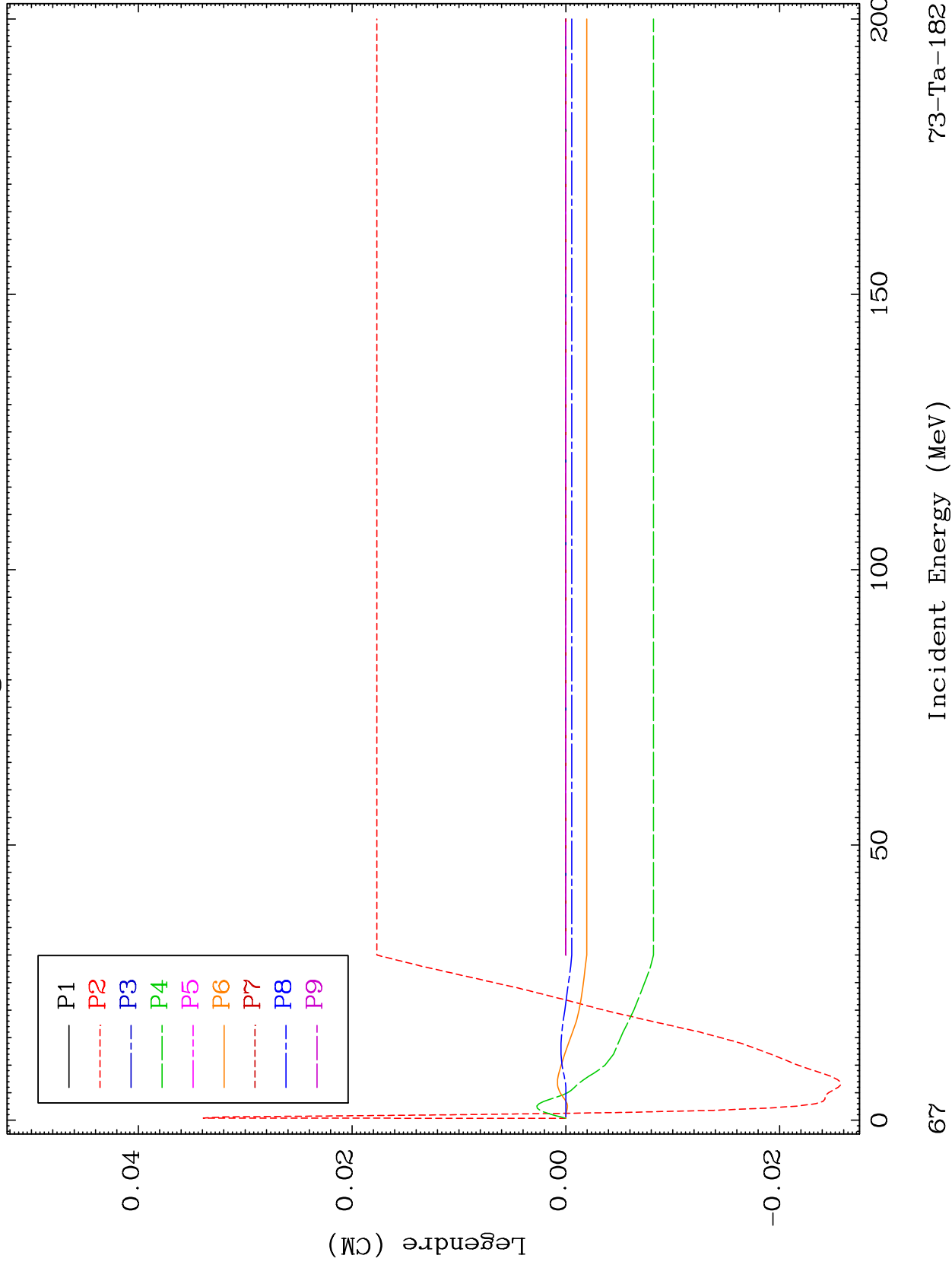




MAT 7331

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

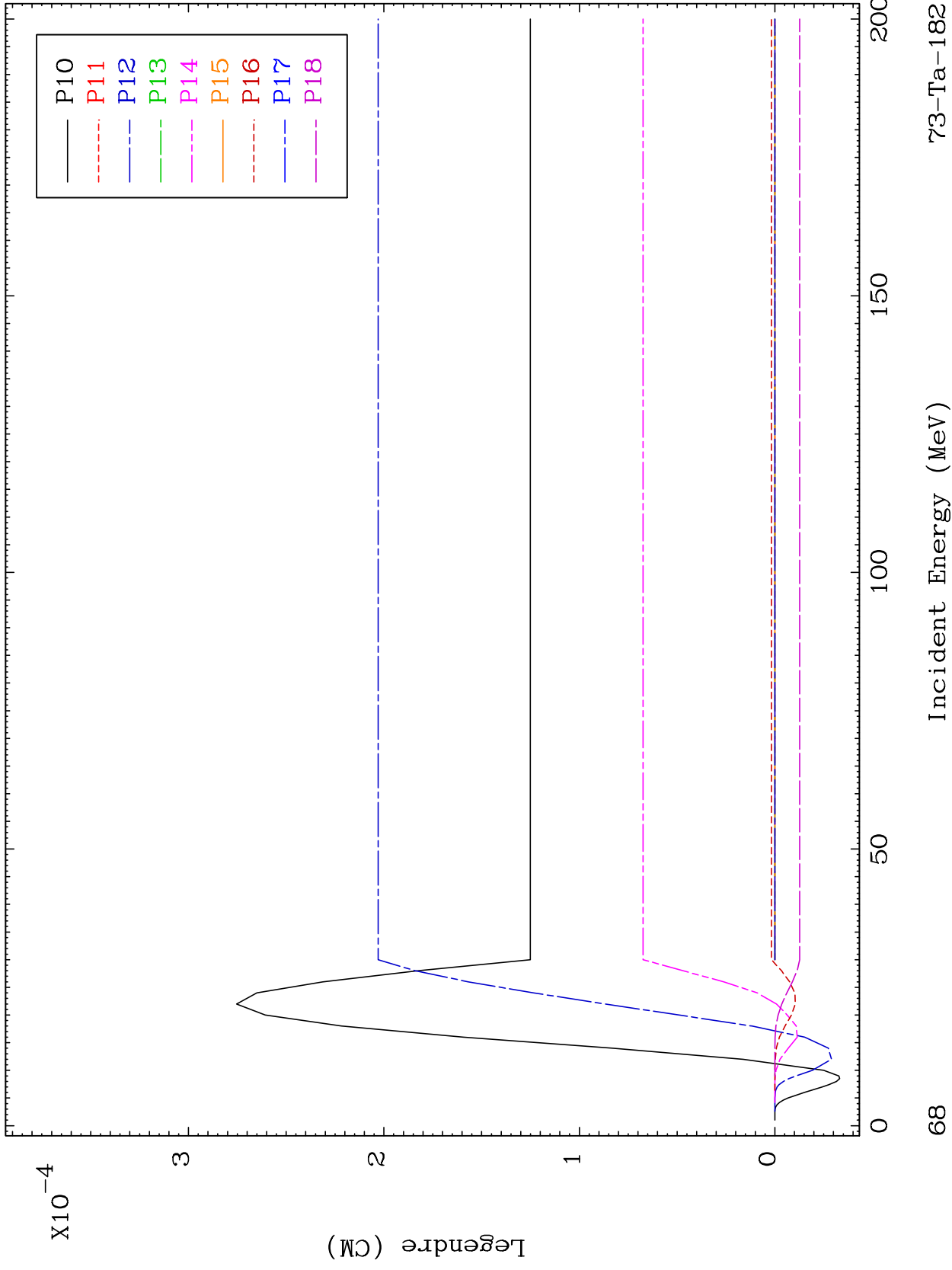
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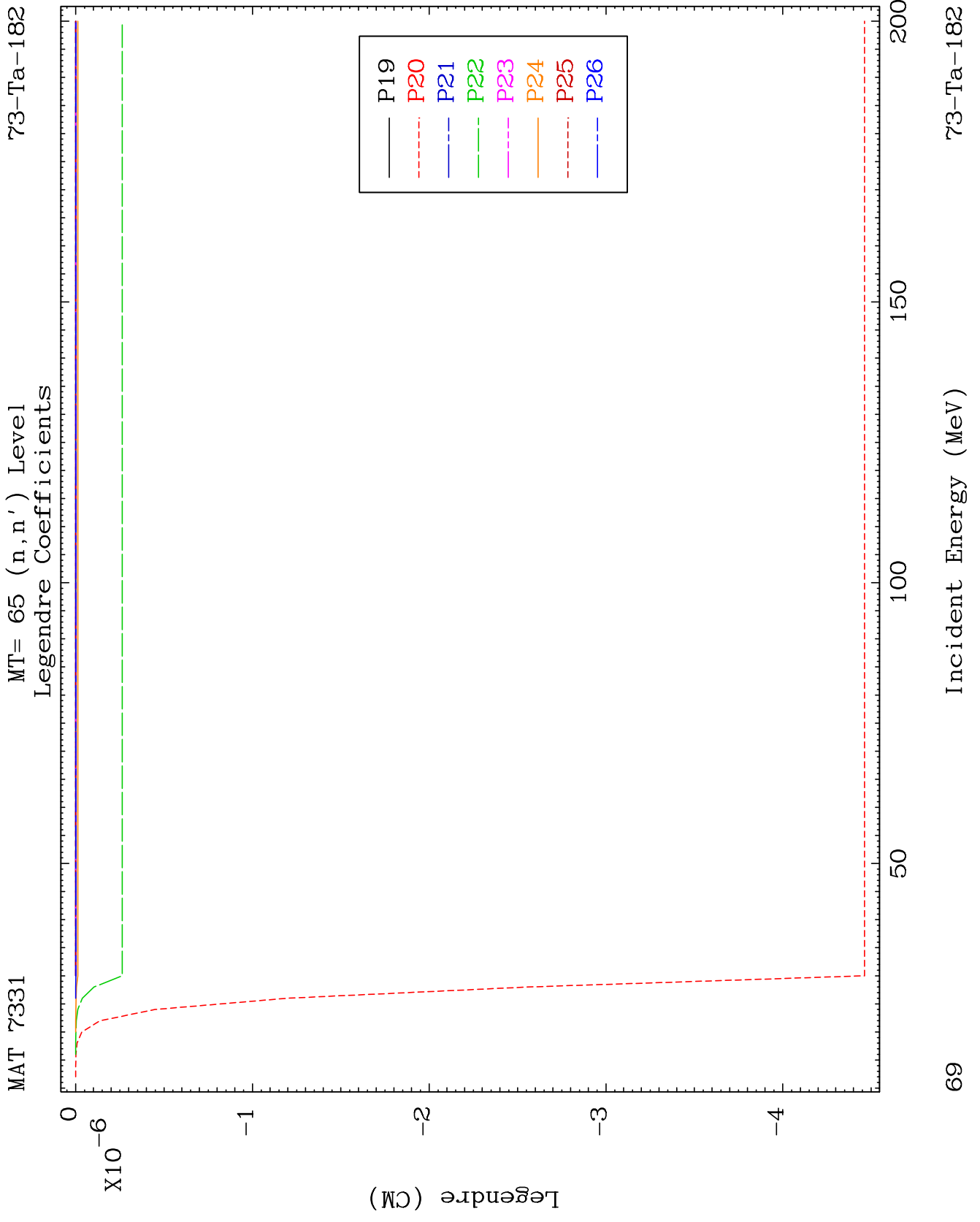


MAT 7331

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

73-Ta-182

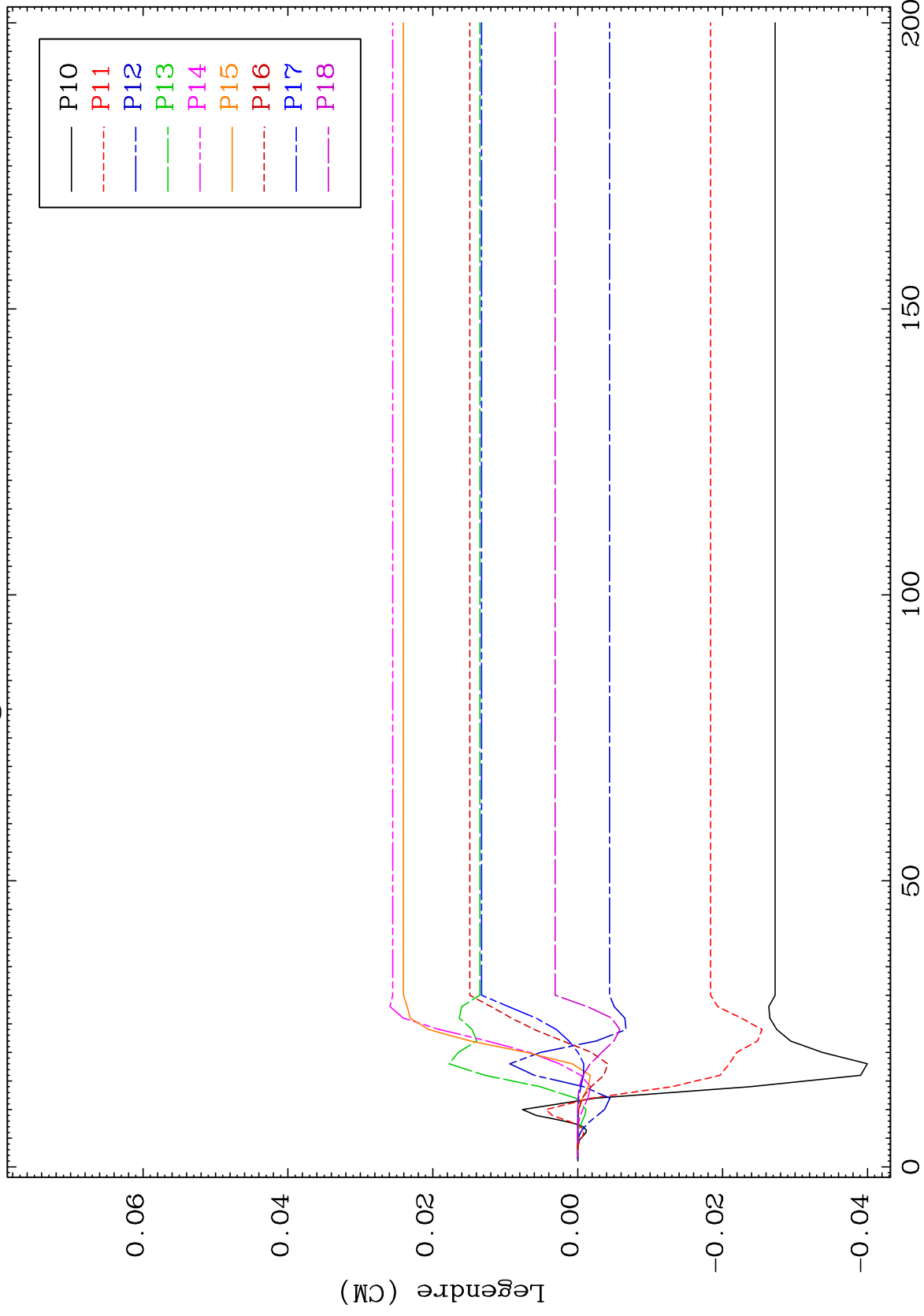




MAT 7331

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

73-Ta-182



71

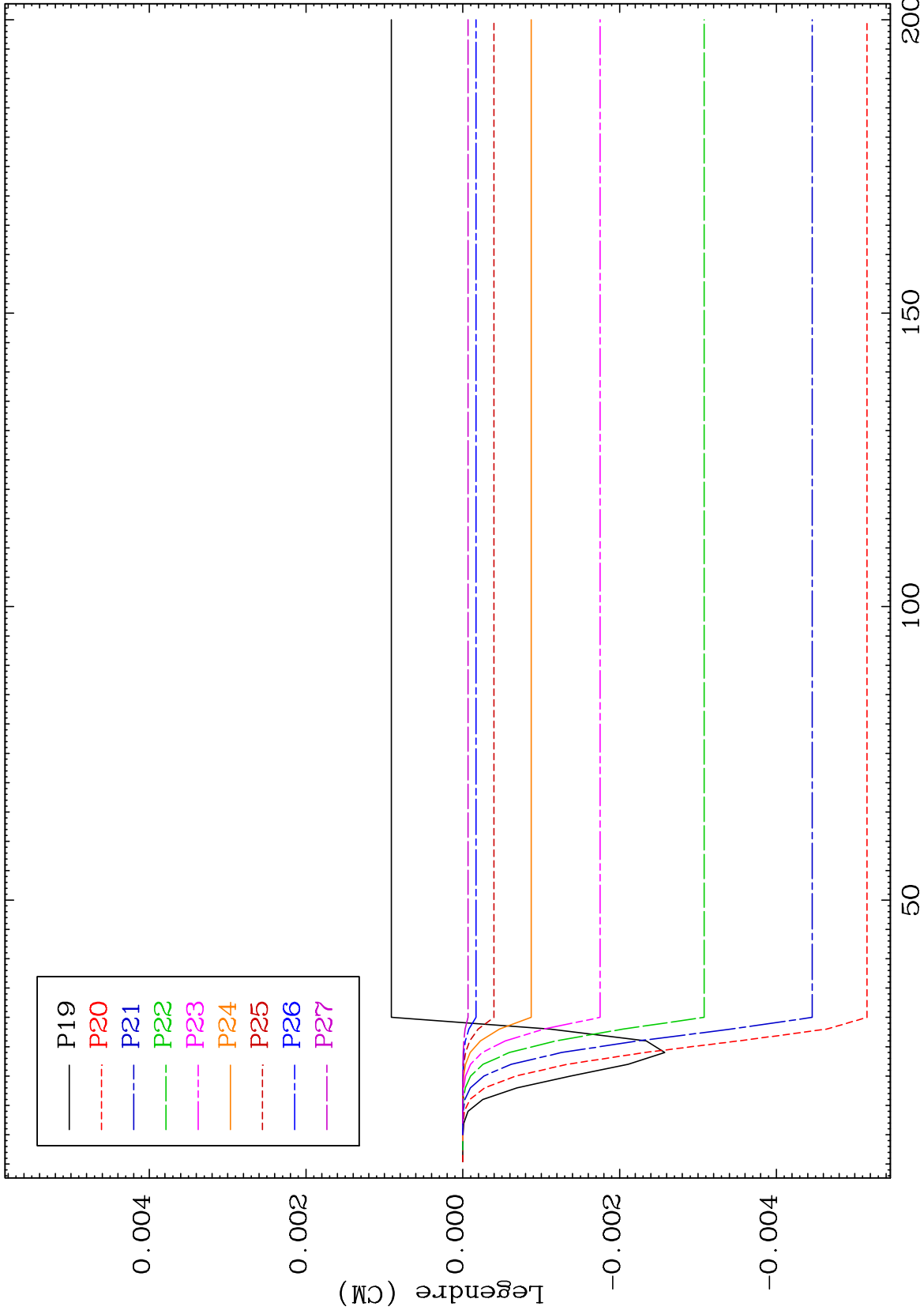
Incident Energy (MeV)

73-Ta-182

MAT 7331

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

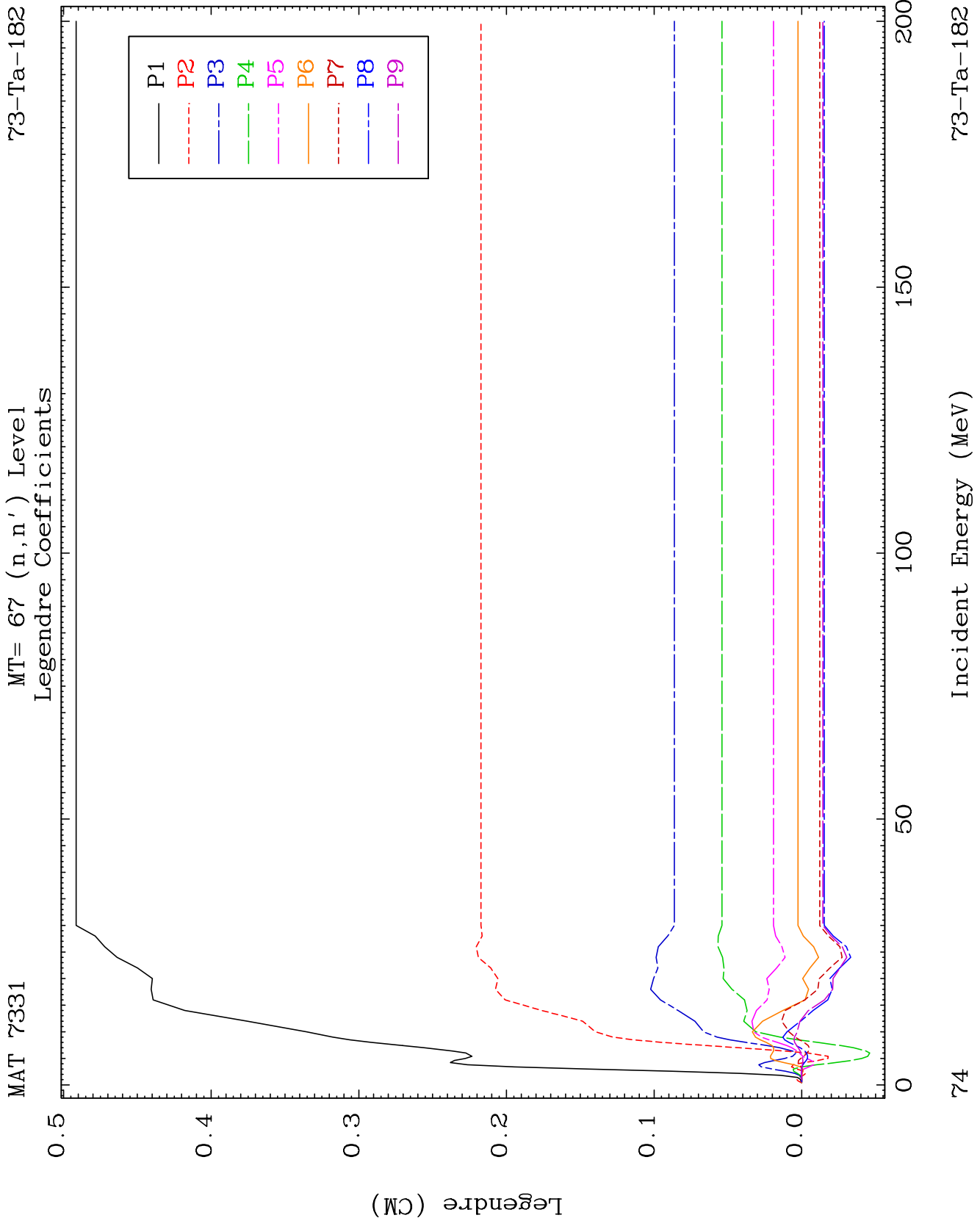
73-Ta-182



72

Incident Energy (MeV)

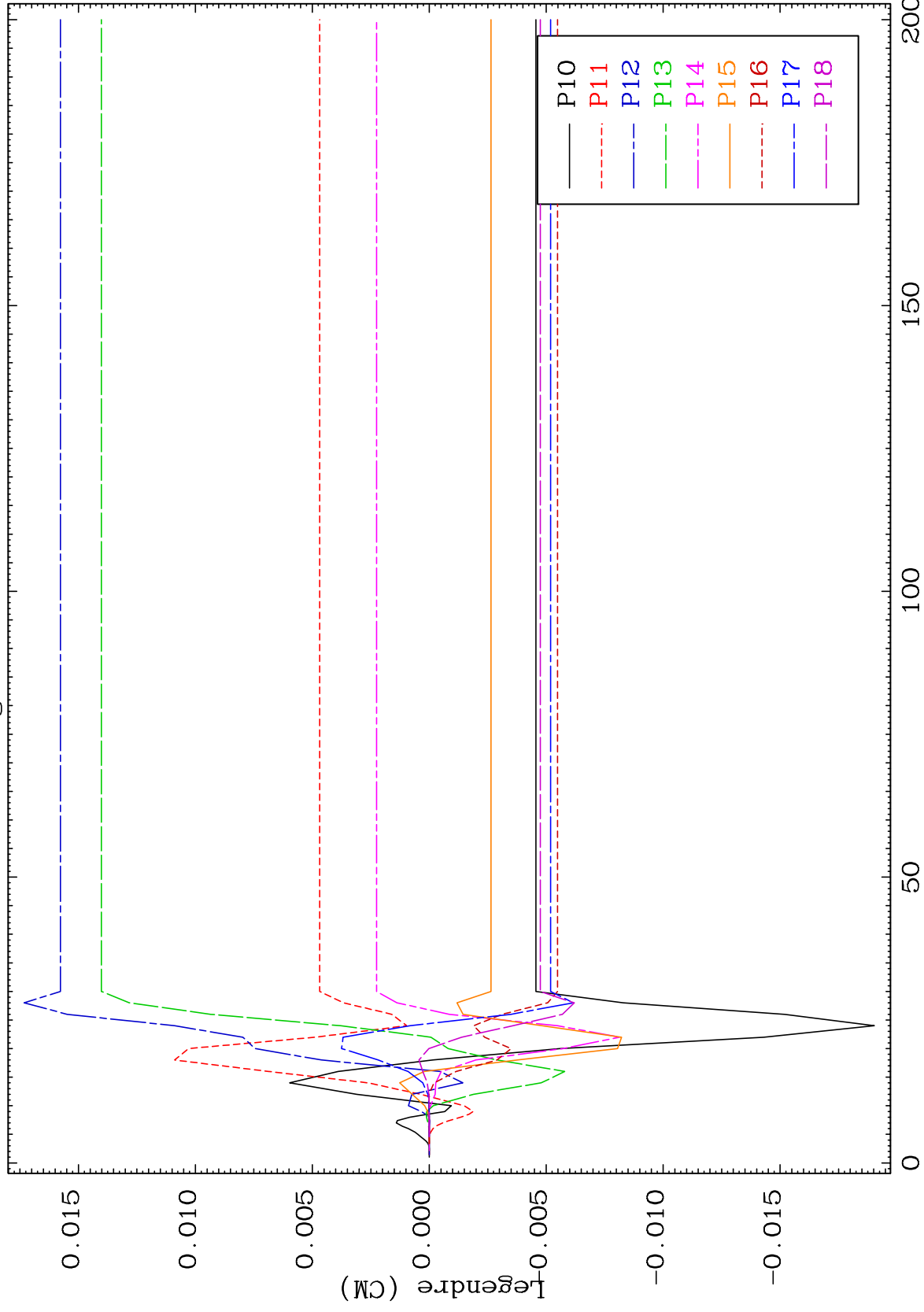
73-Ta-182



MAT 7331

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

73-Ta-182



75

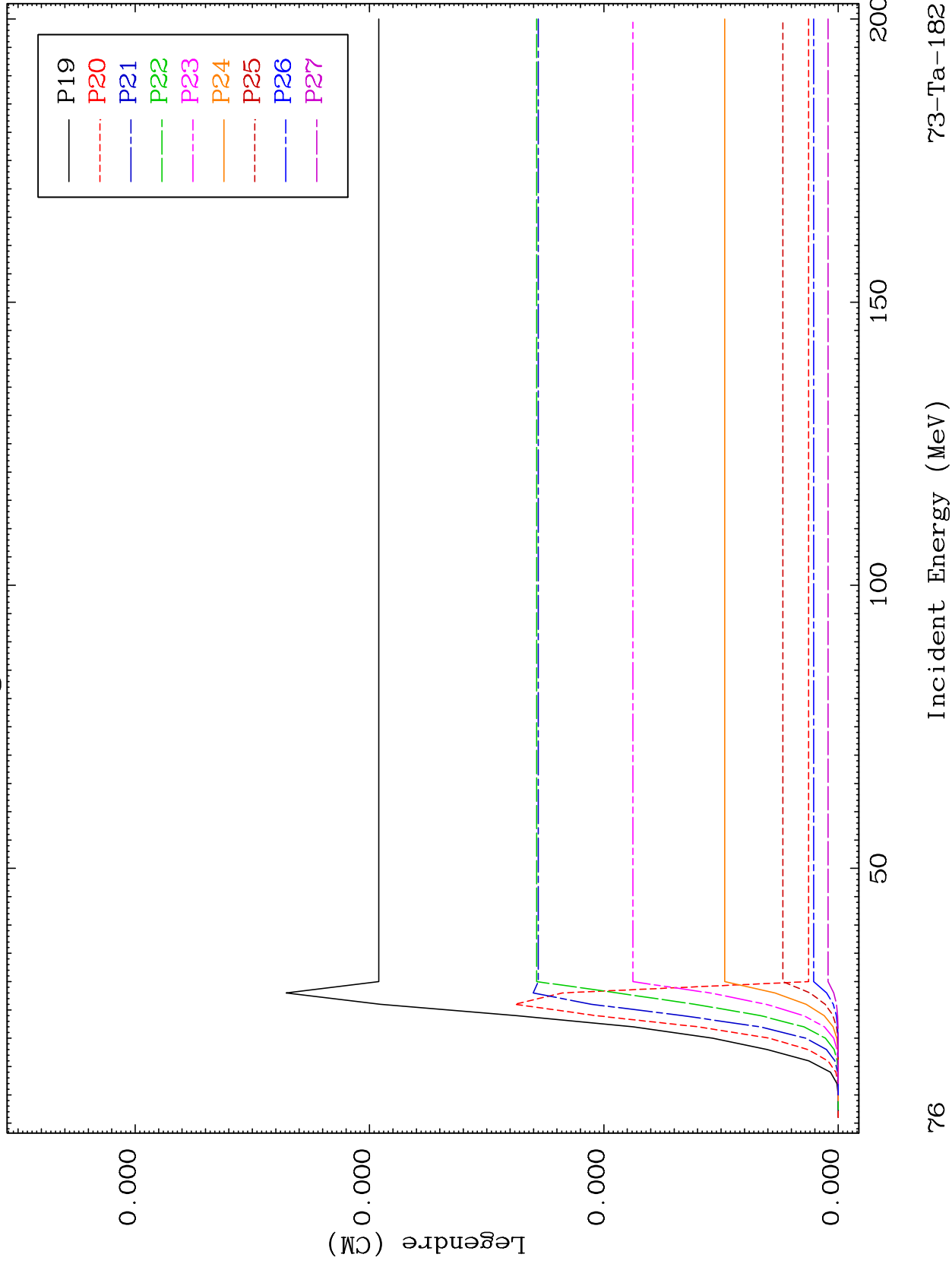
Incident Energy (MeV)

73-Ta-182

MAT 7331

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

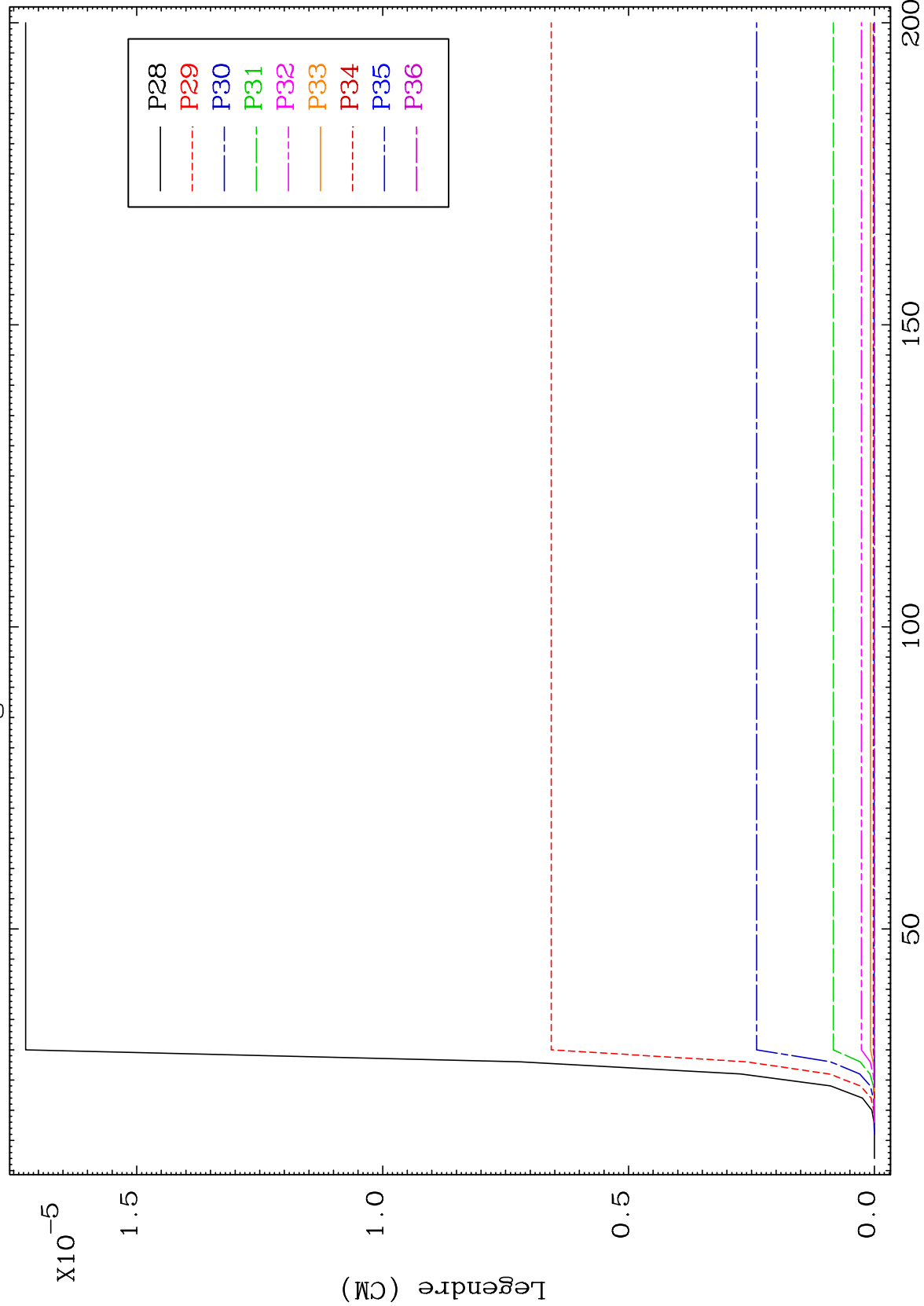
73-Ta-182



MAT 7331

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

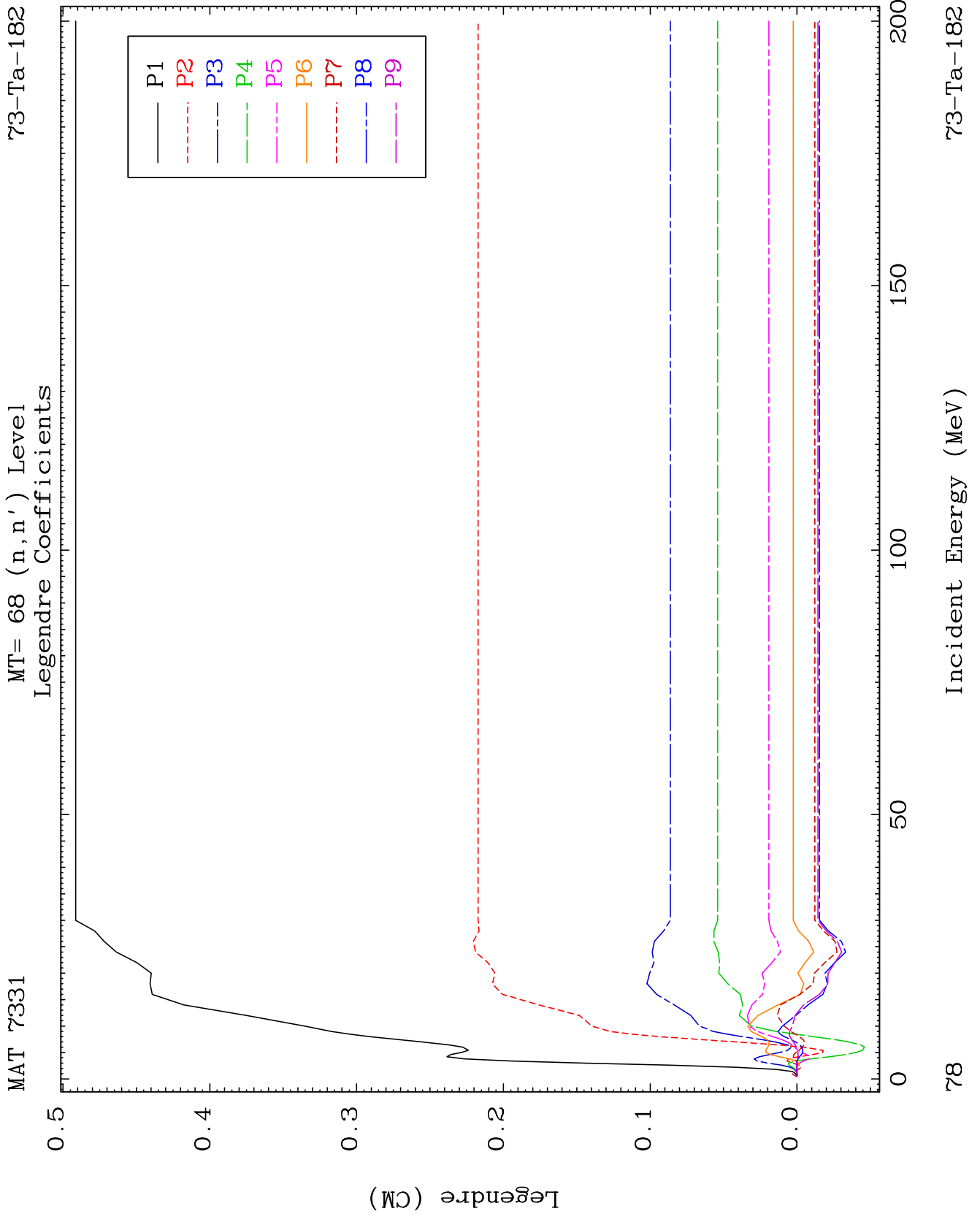
73-Ta-182



73-Ta-182

Incident Energy (MeV)

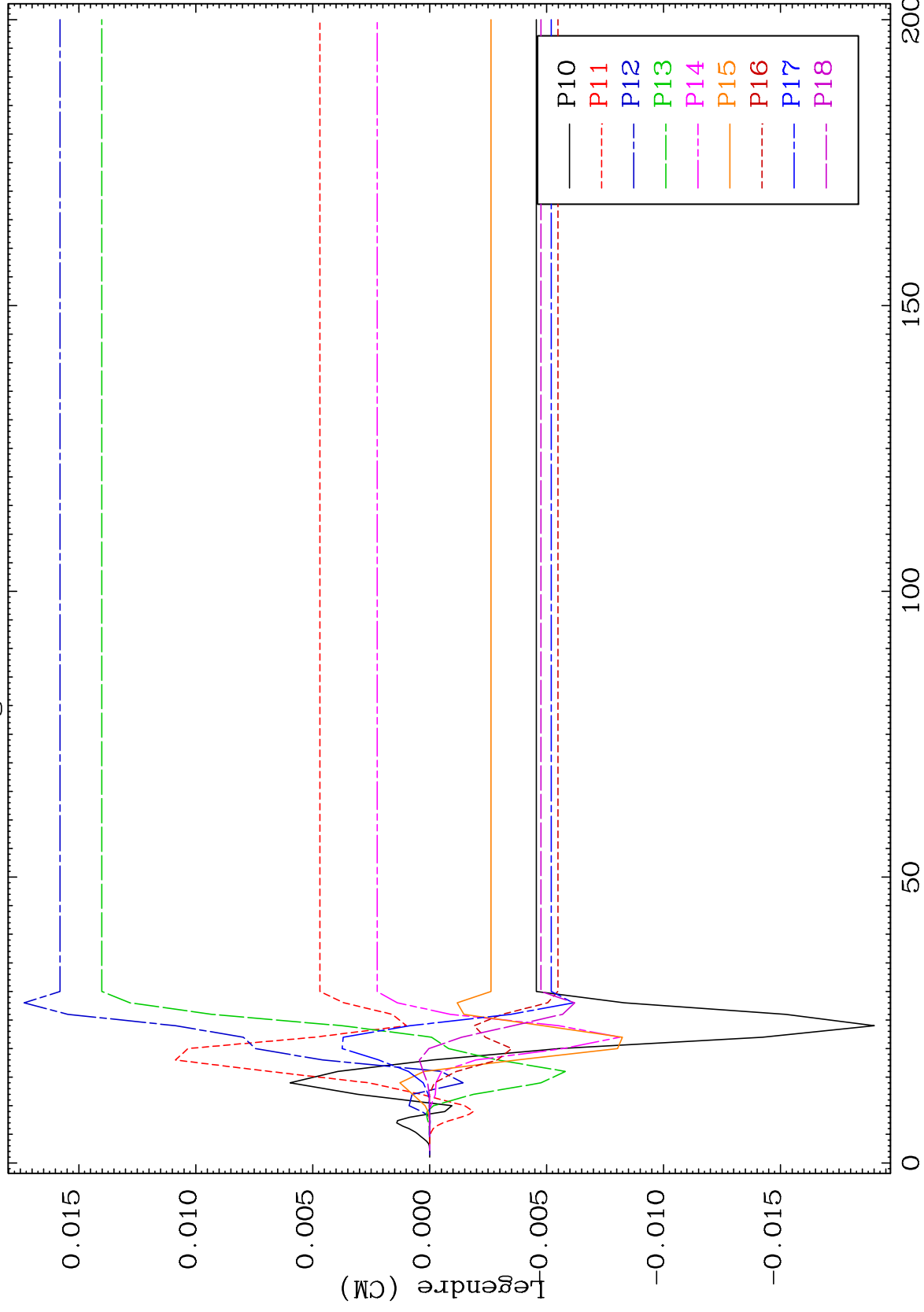
77



MAT 7331

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

73-Ta-182



79

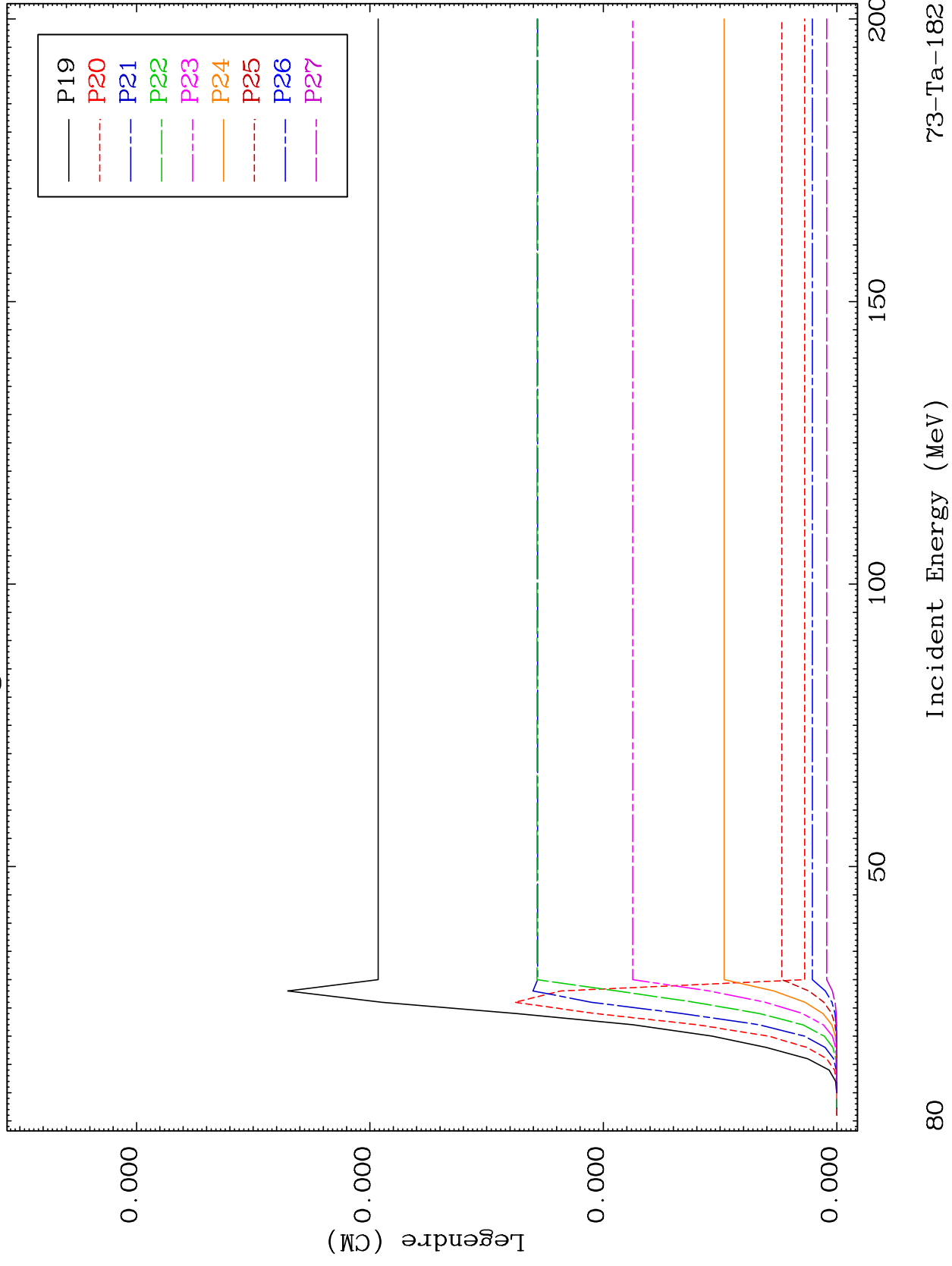
Incident Energy (MeV)

73-Ta-182

MAT 7331

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

73-Ta-182



80

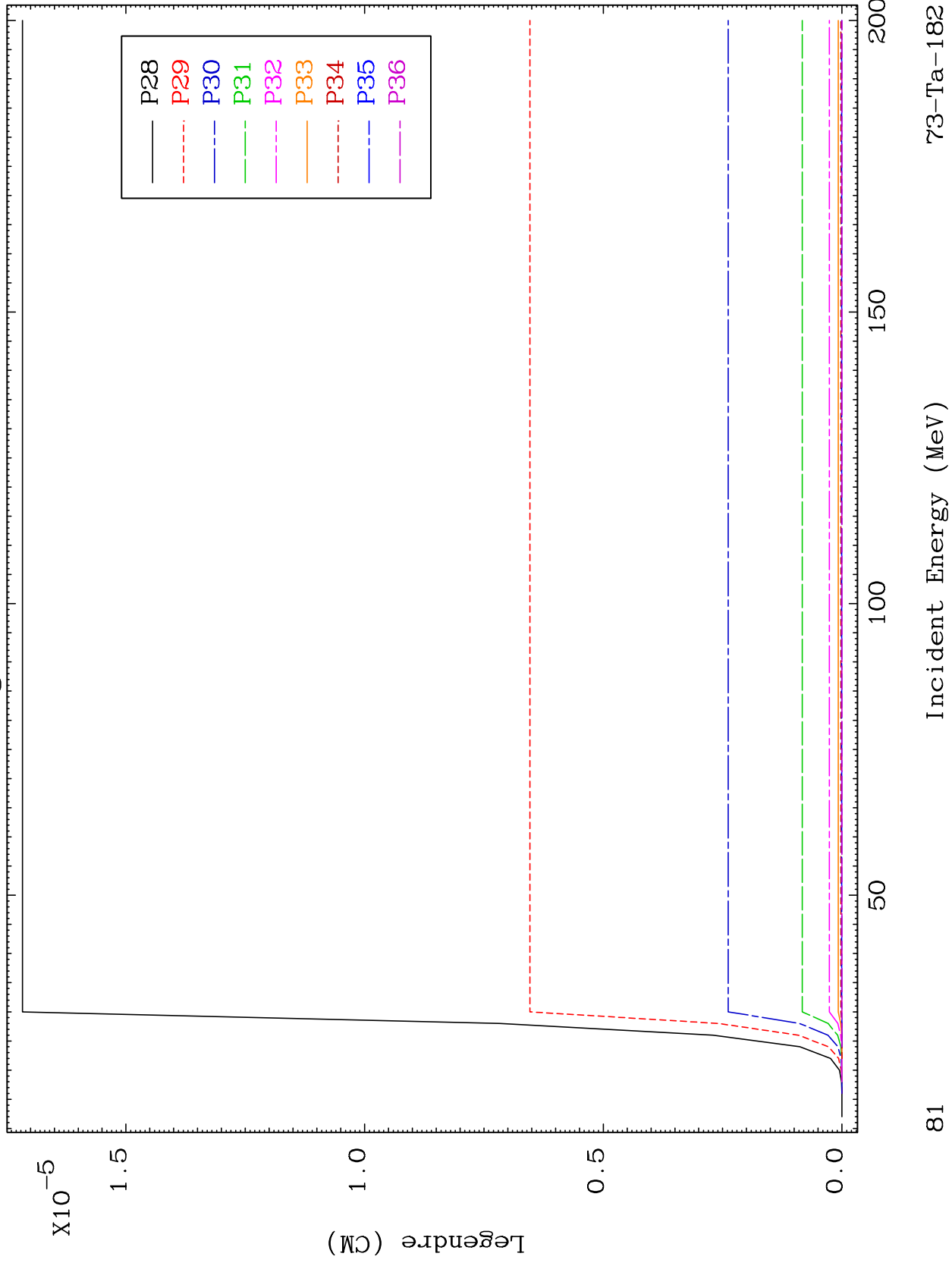
Incident Energy (MeV)

73-Ta-182

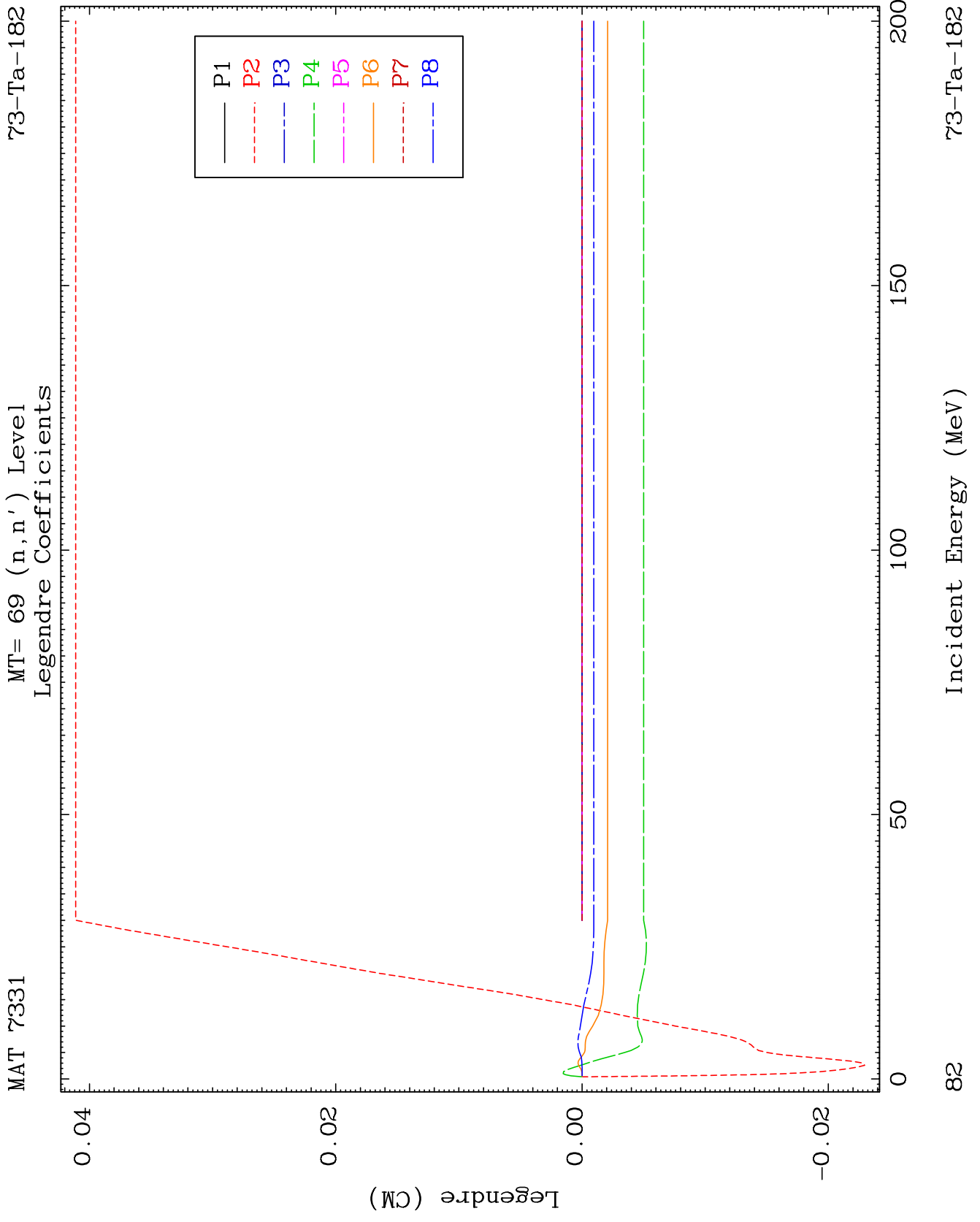
MAT 7331

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

73-Ta-182



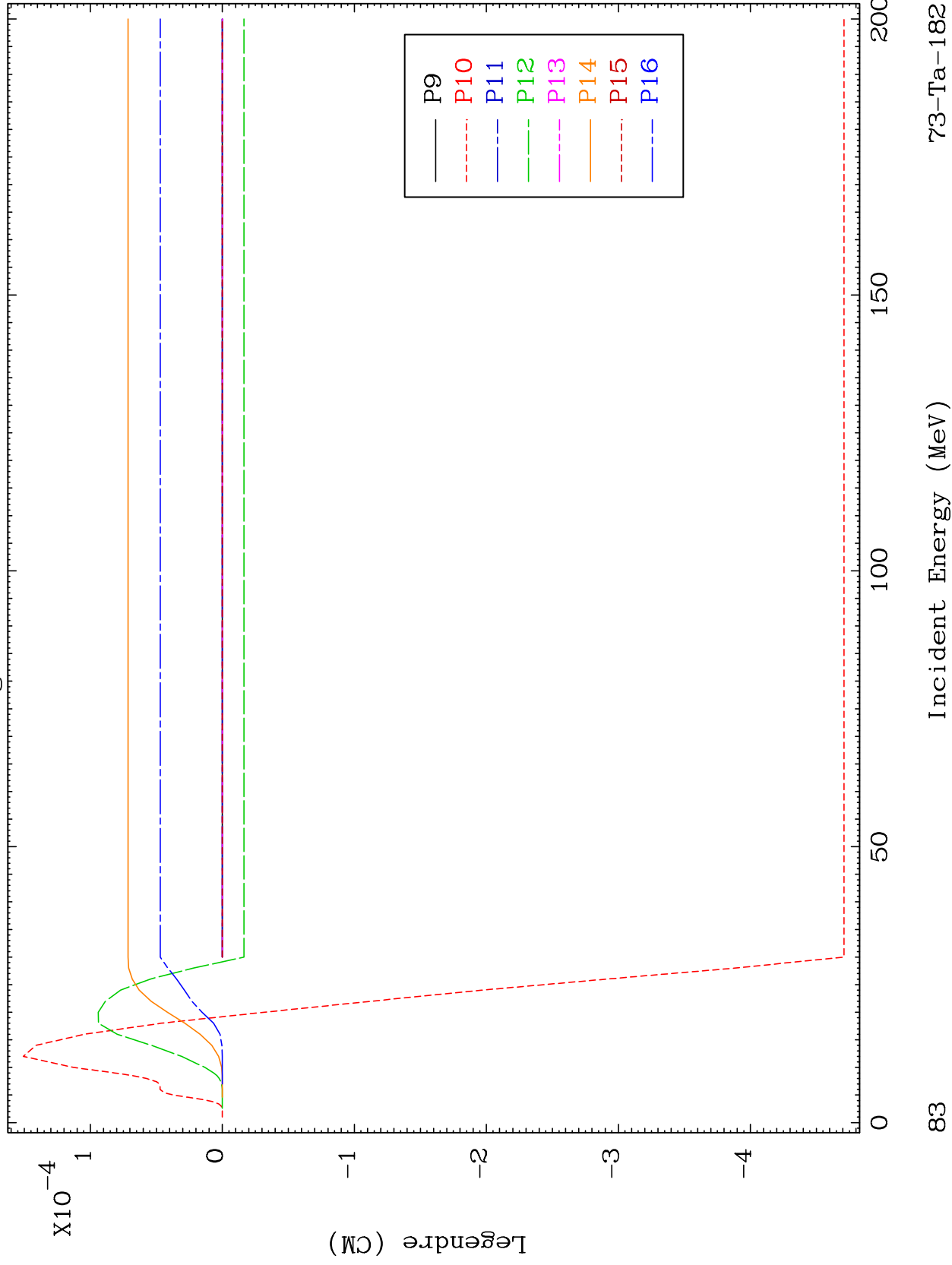
81



MAT 7331

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

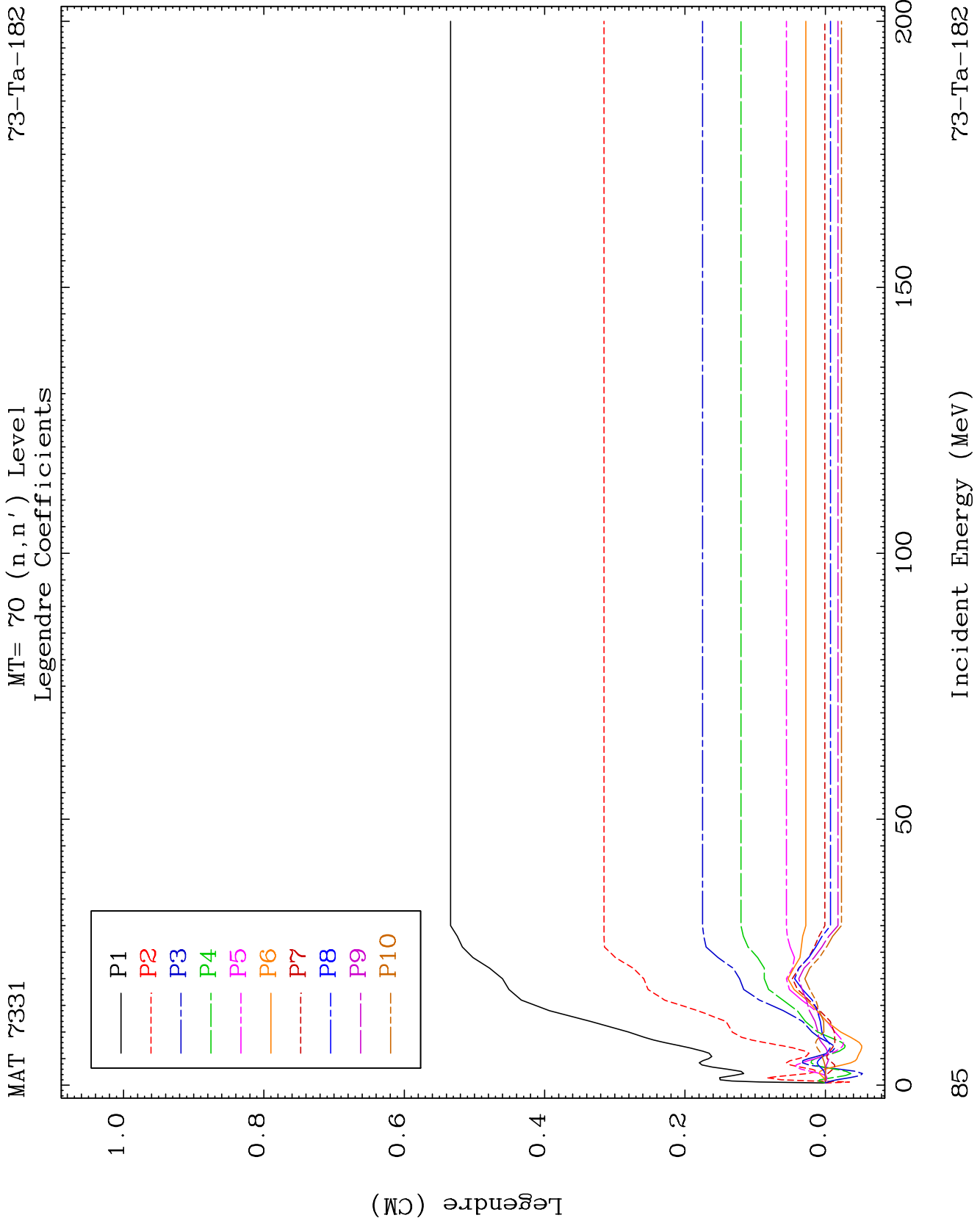
⁷³Ta-182

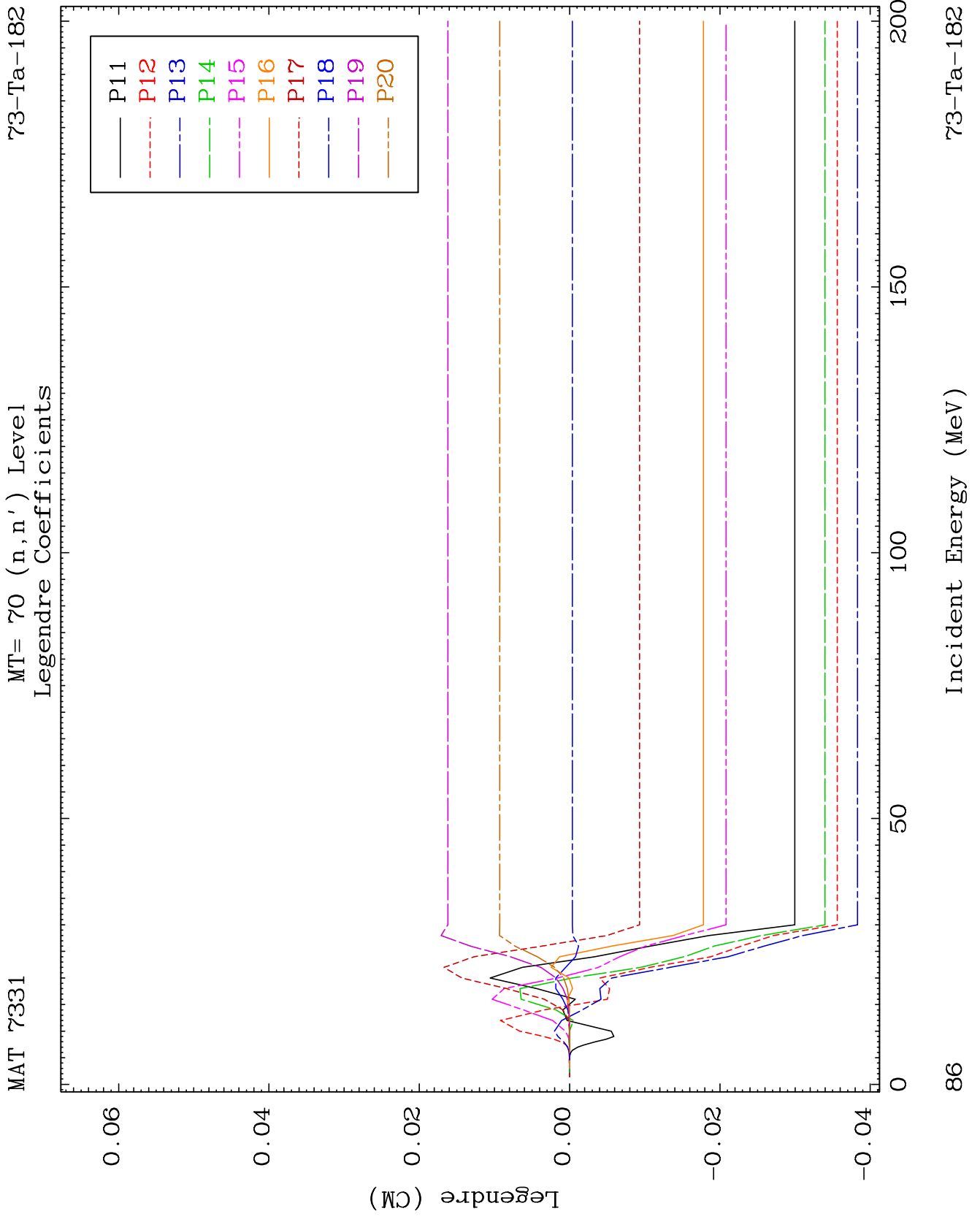


83

Incident Energy (MeV)

⁷³Ta-182

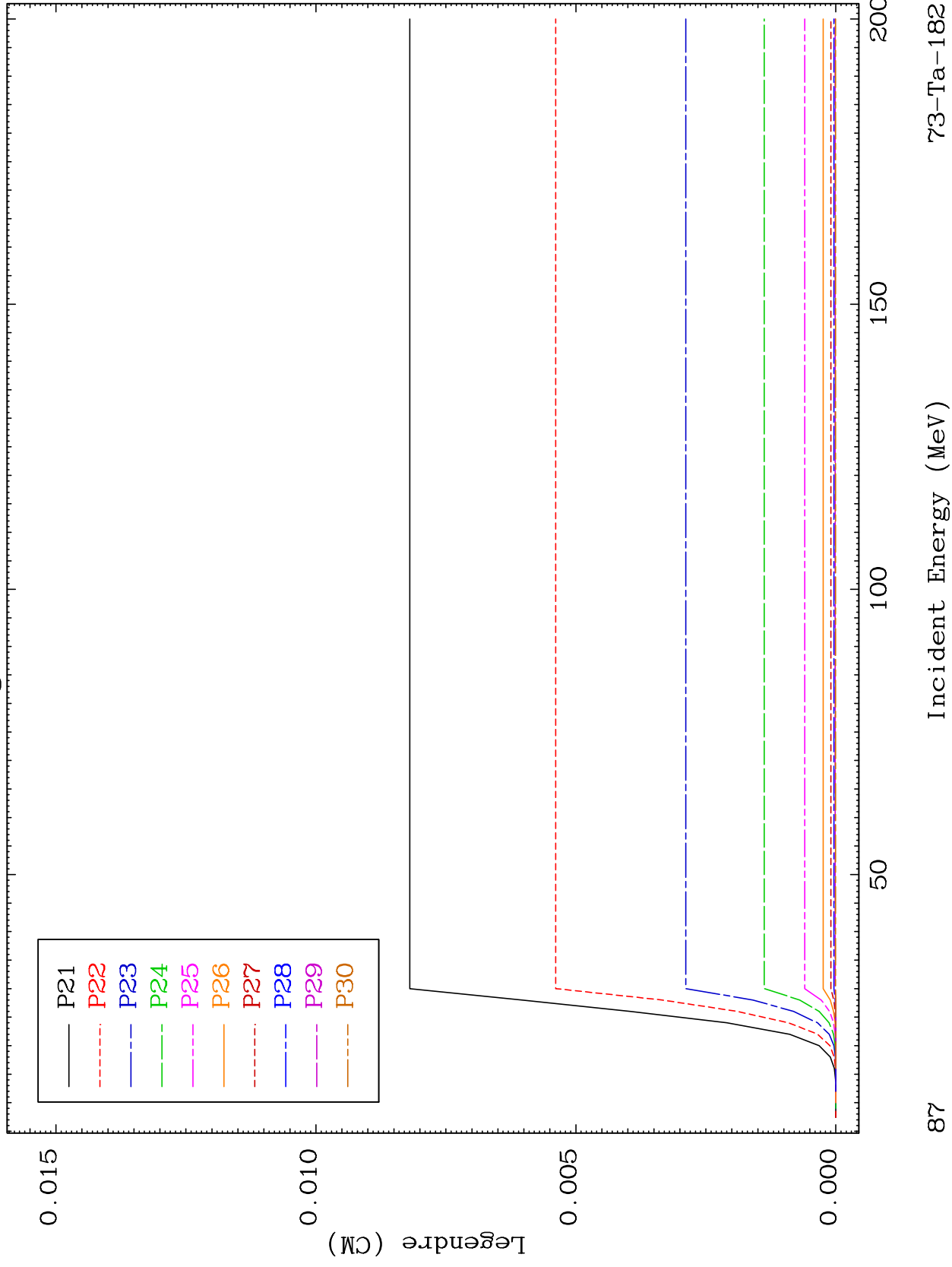


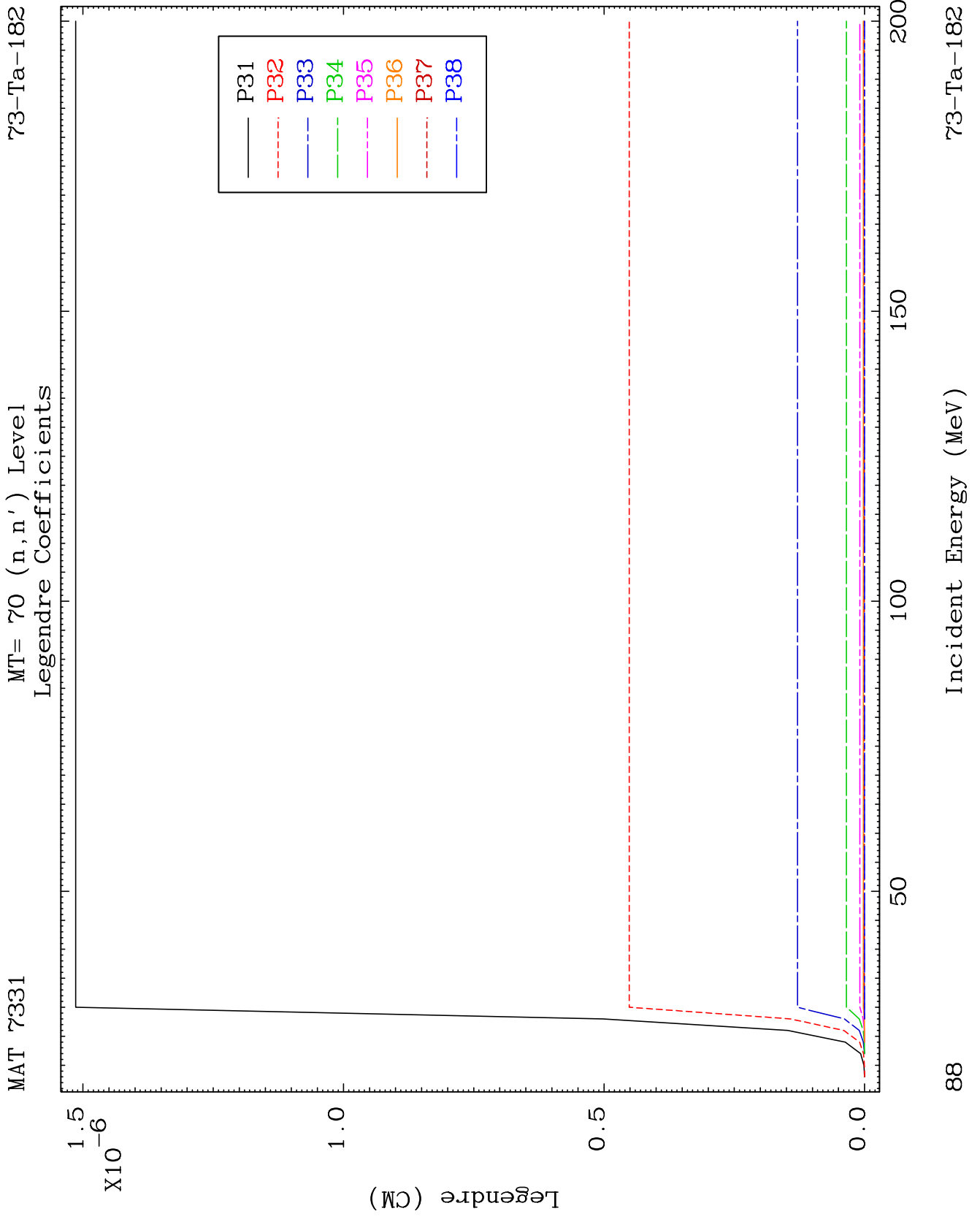


MAT 7331

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

73-Ta-182

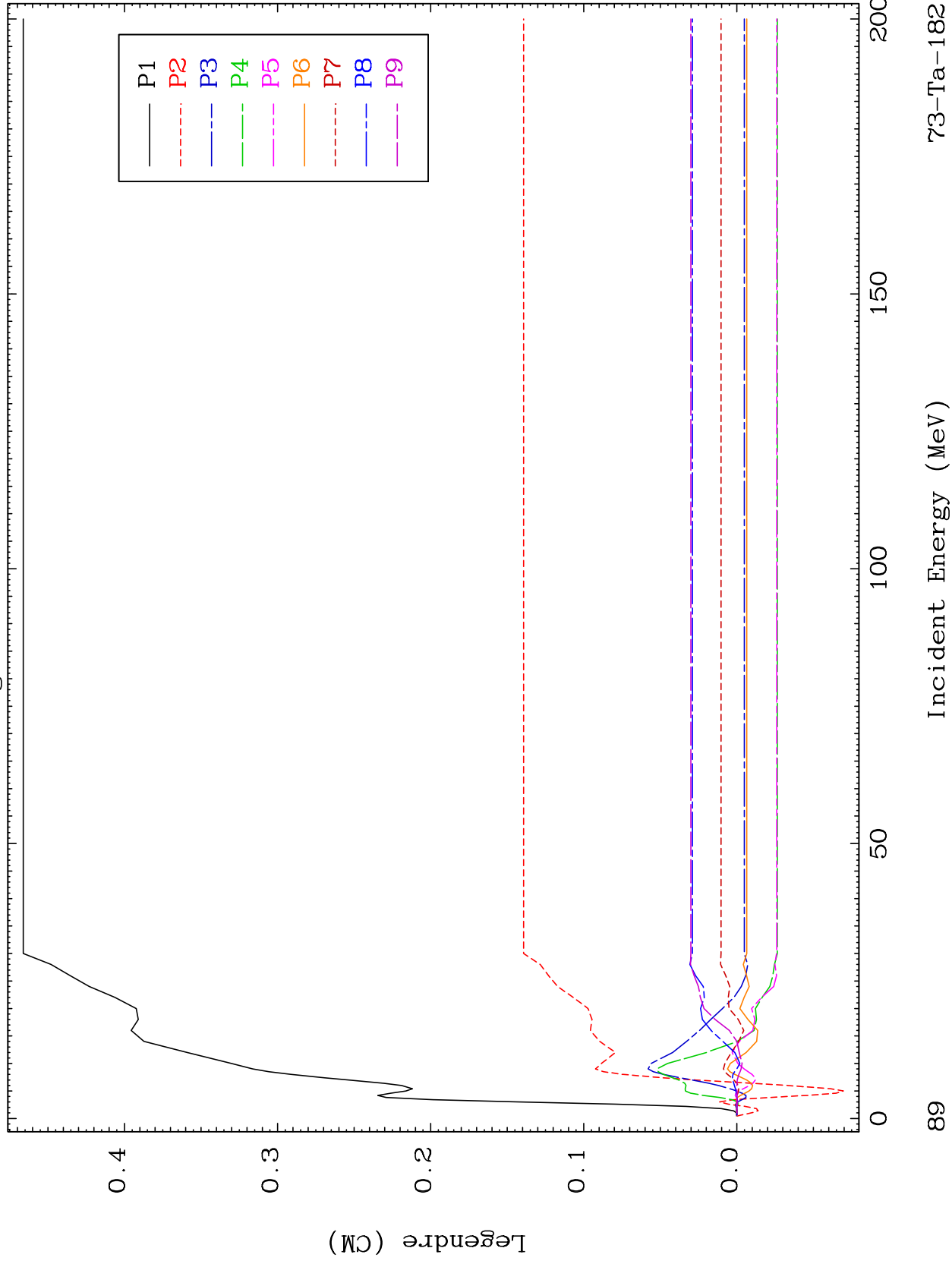




MAT 7331

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

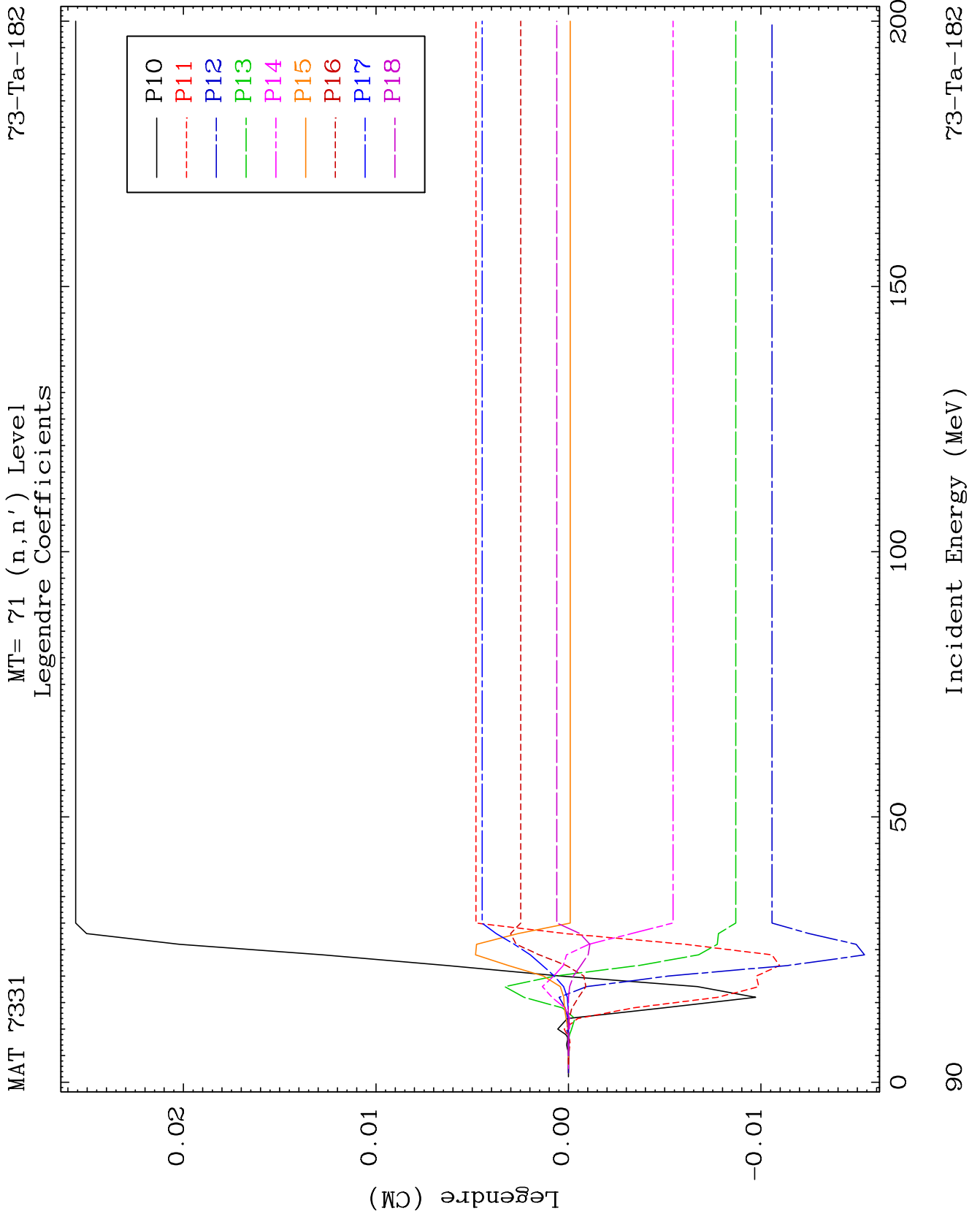
73-Ta-182



73-Ta-182

Incident Energy (MeV)

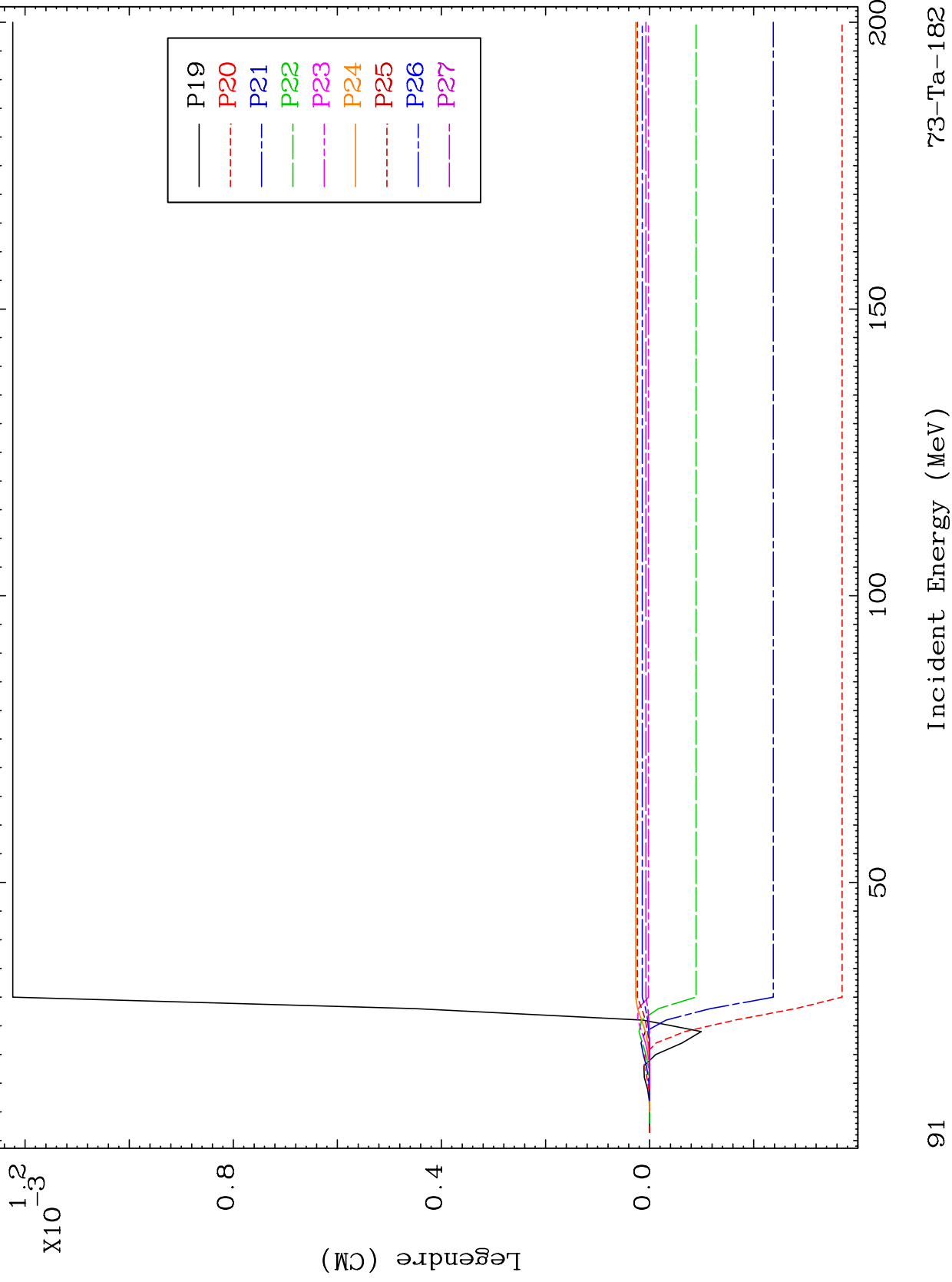
89



MAT 7331

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

73-Ta-182



91

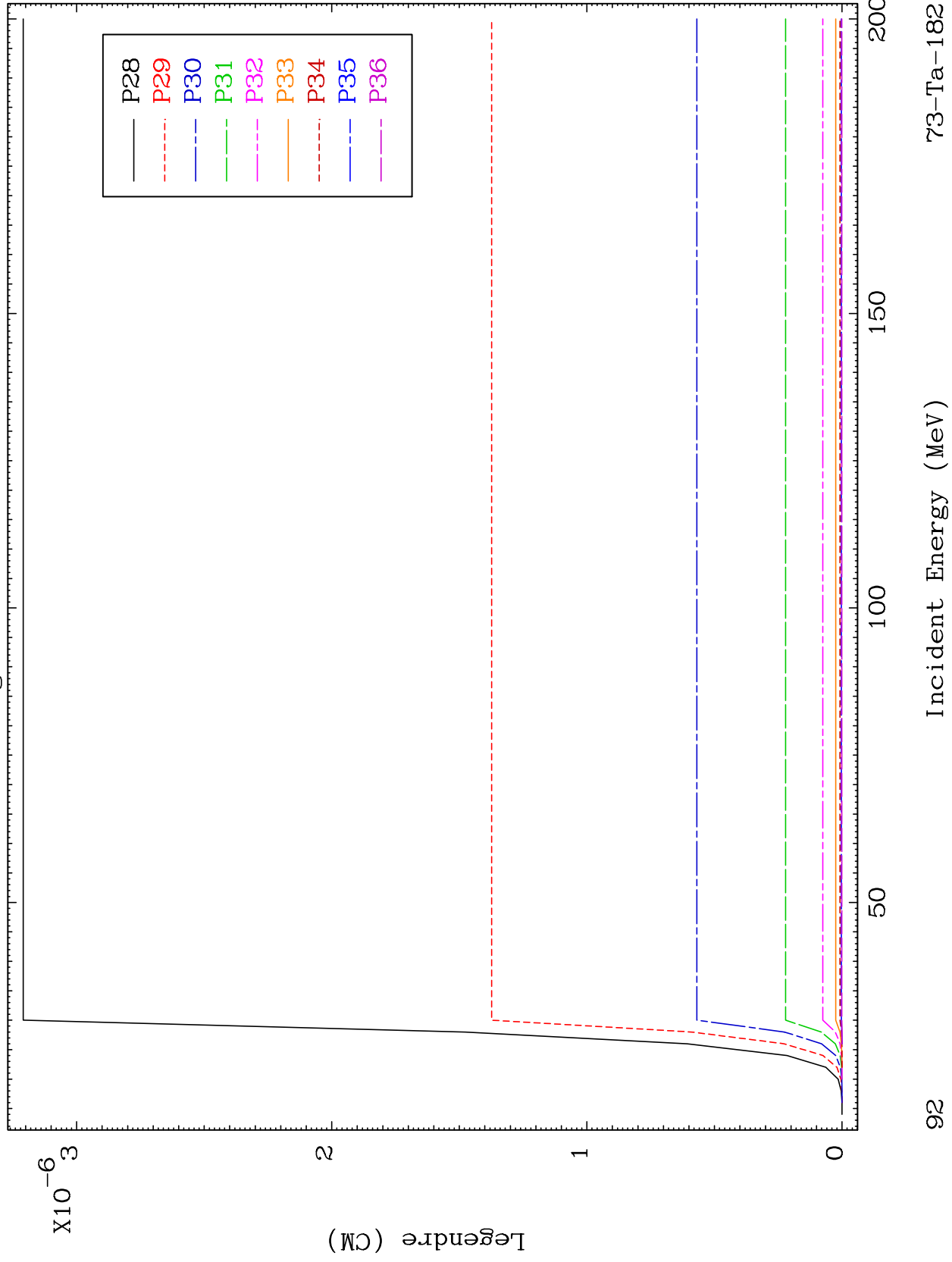
Incident Energy (MeV)

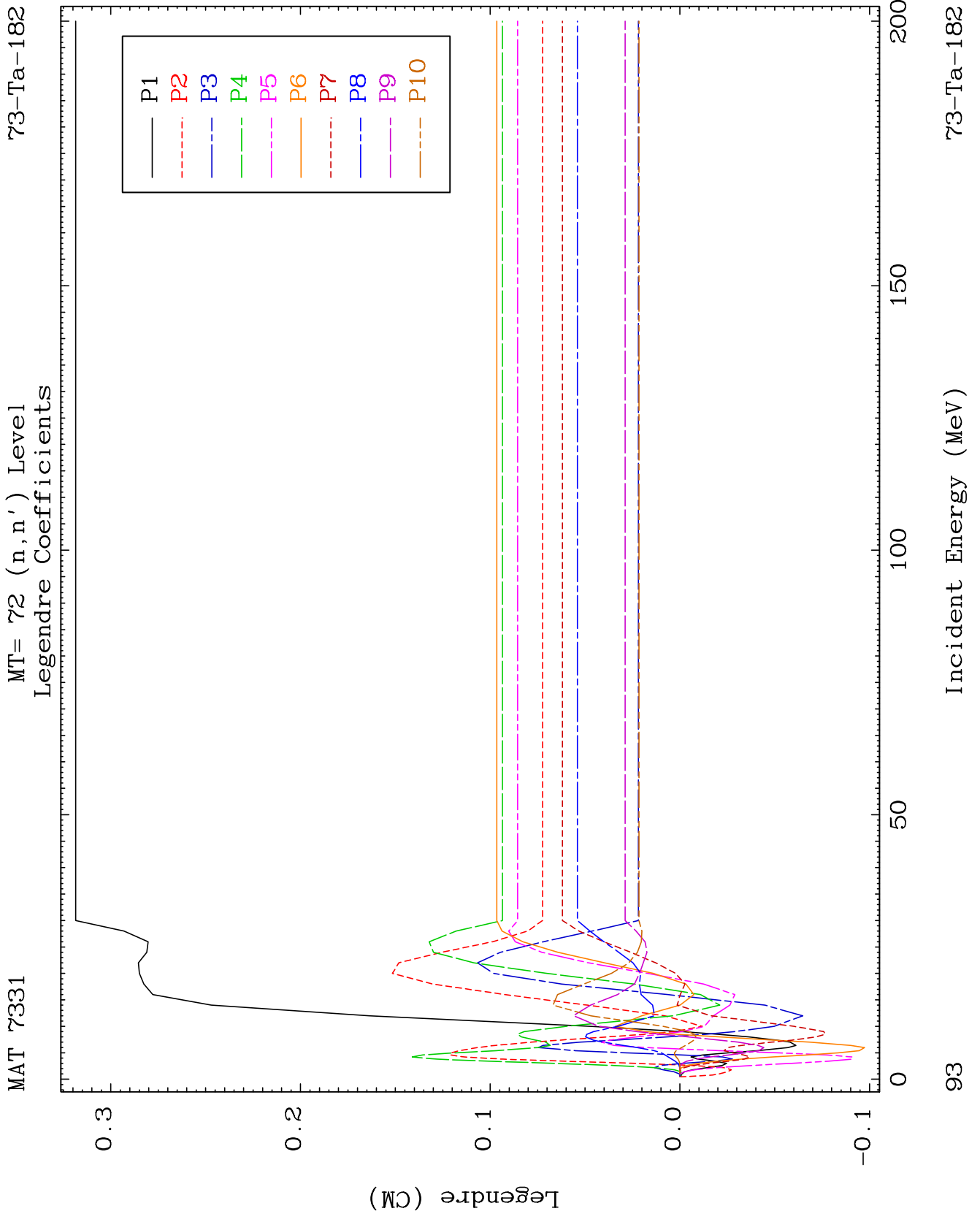
73-Ta-182

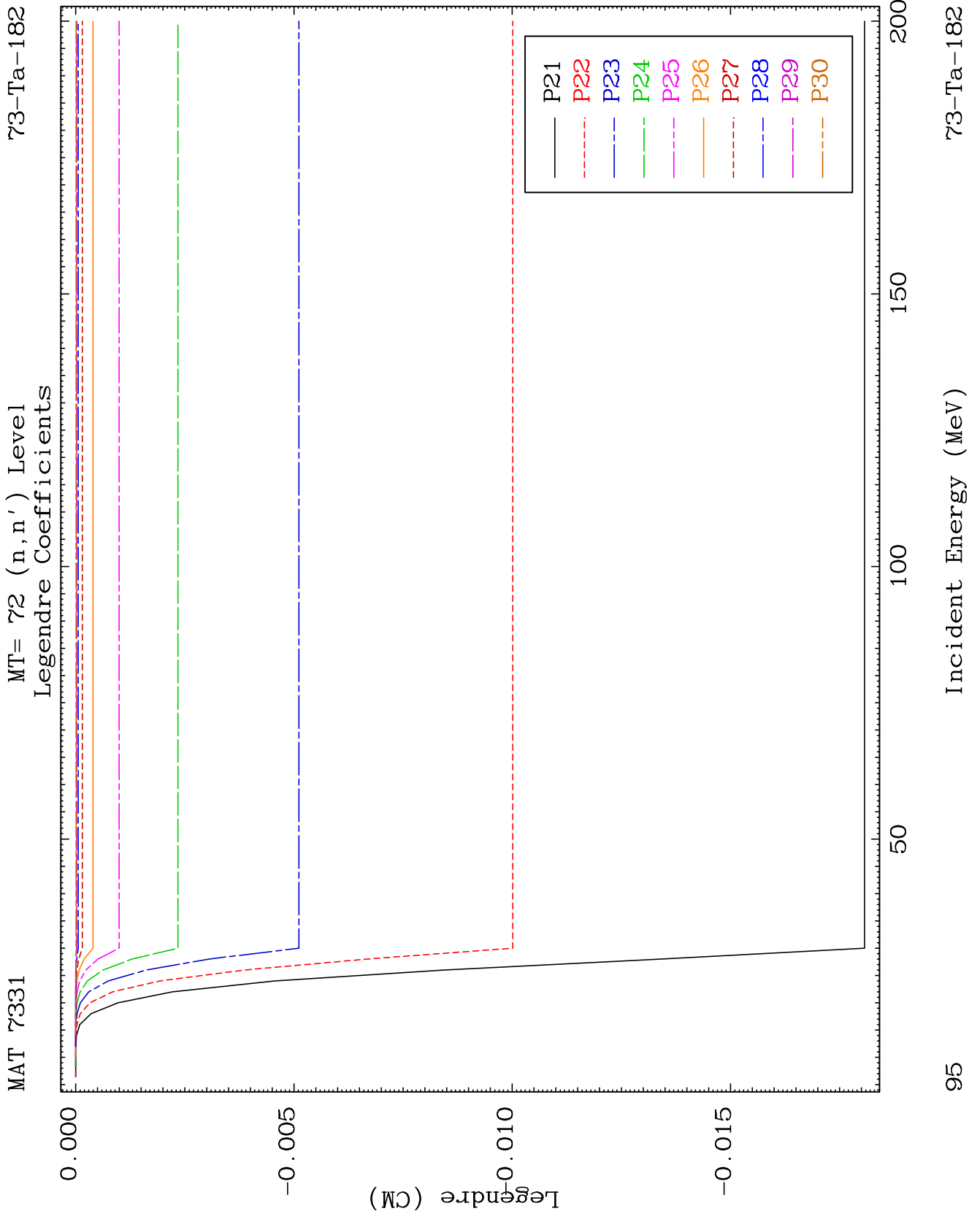
MAT 7331

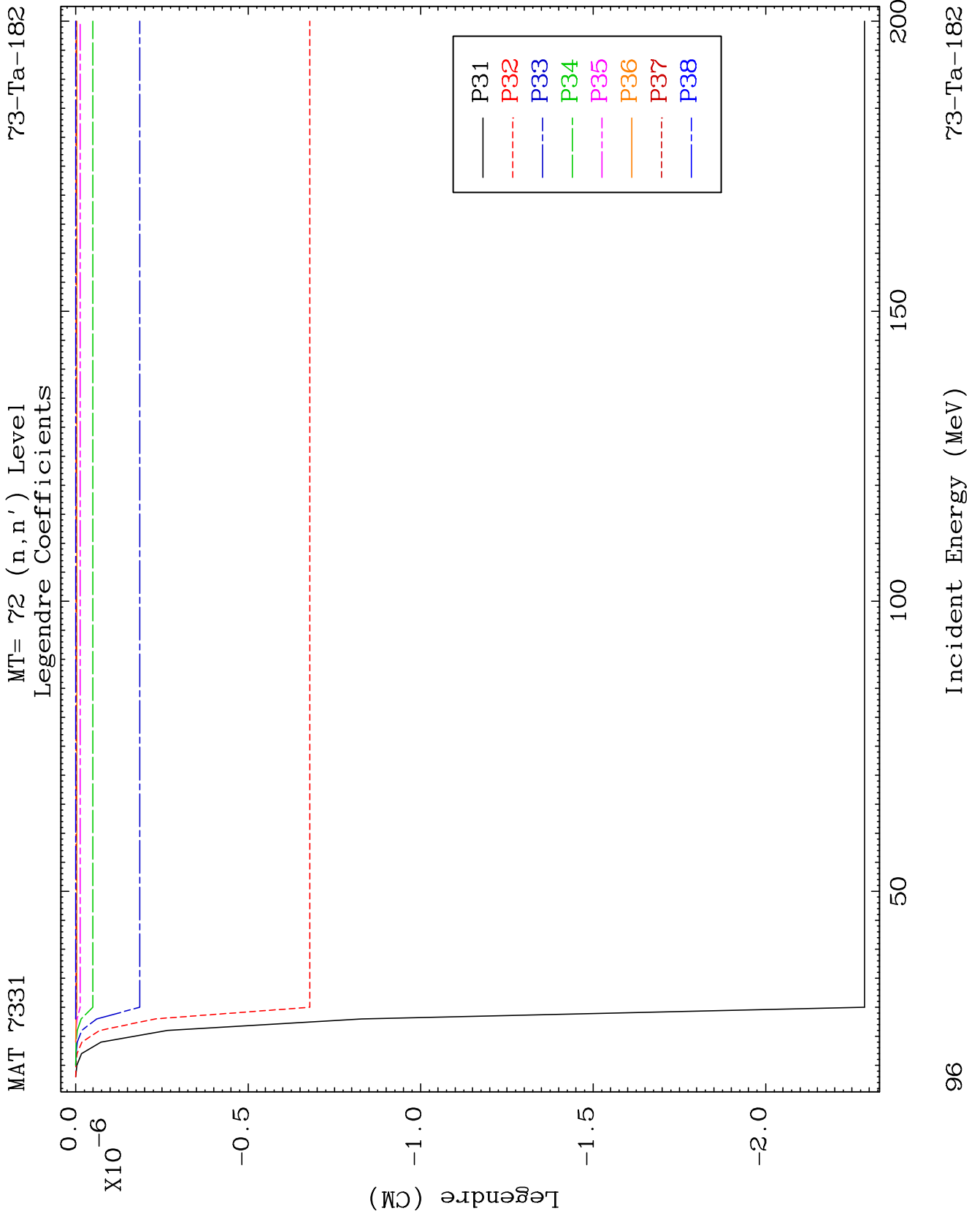
MT= 71 (n,n') Level
Legendre Coefficients

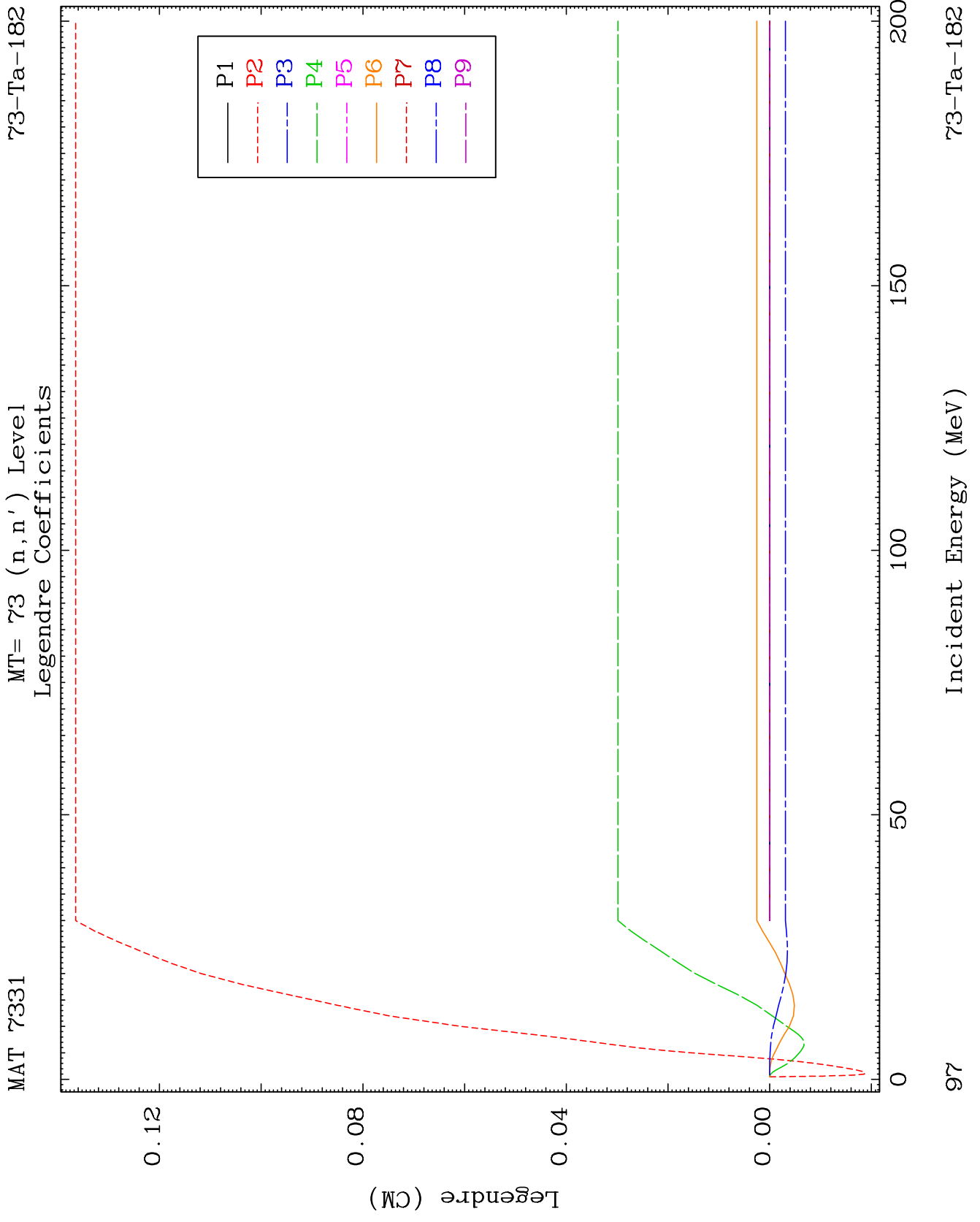
73-Ta-182

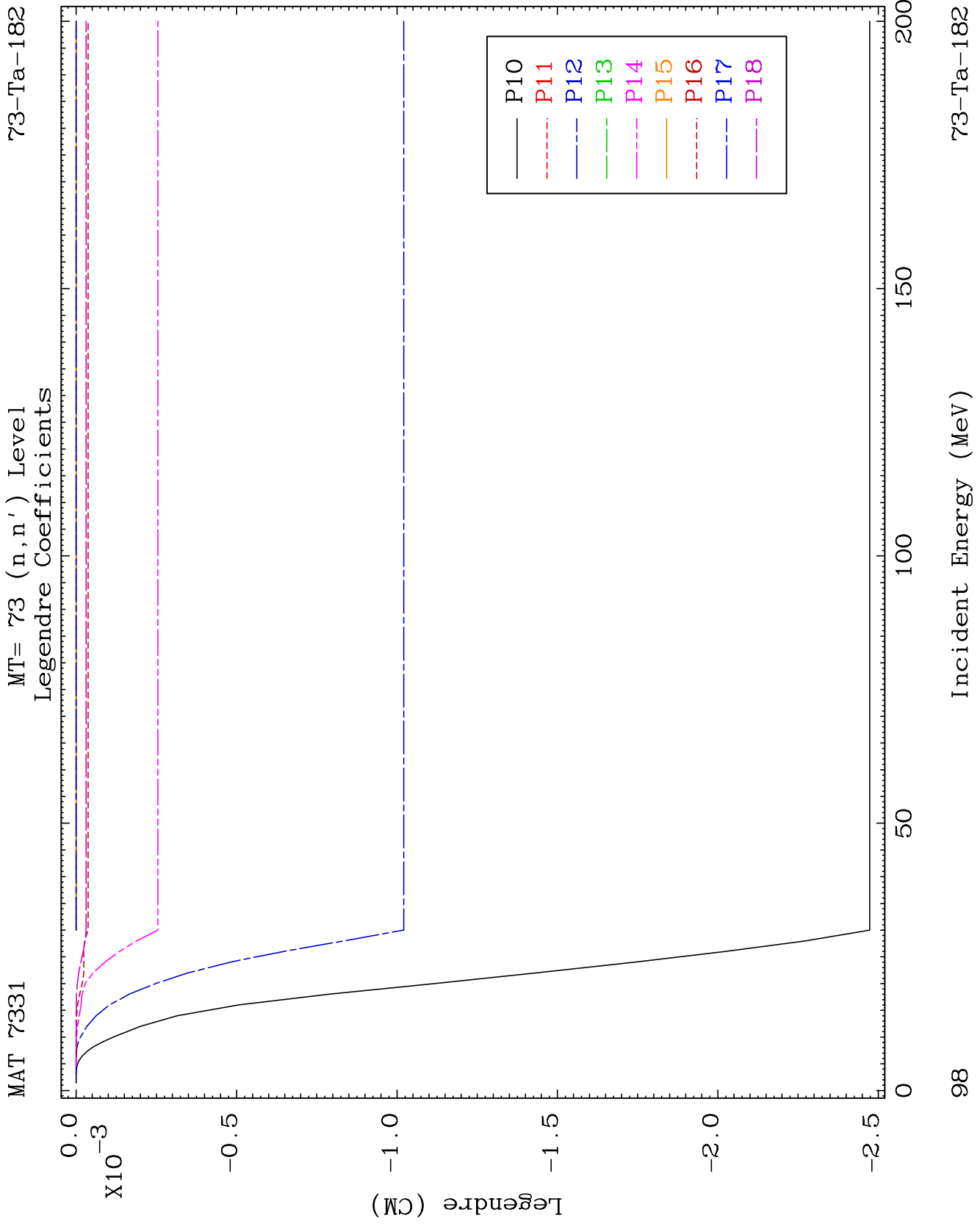


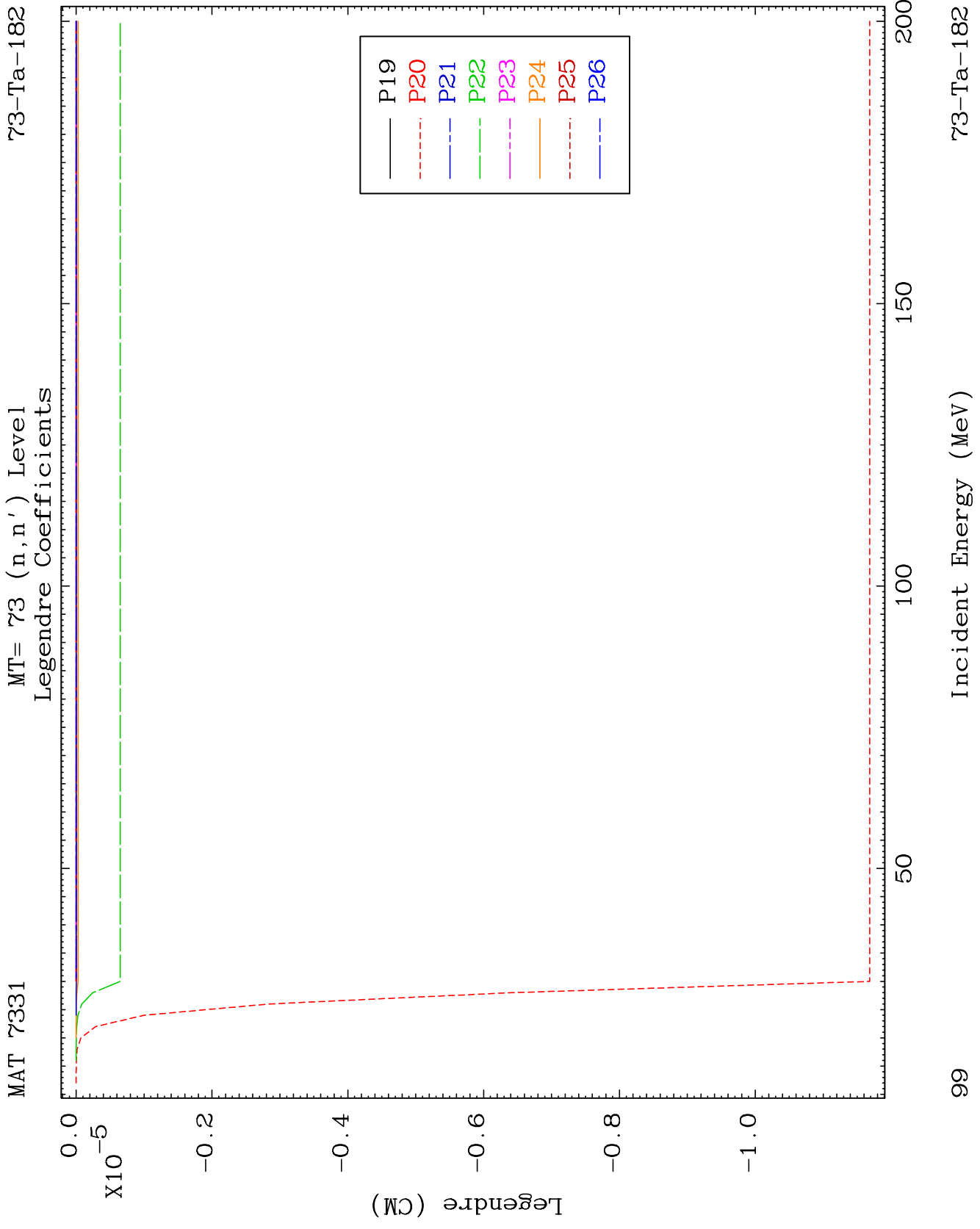








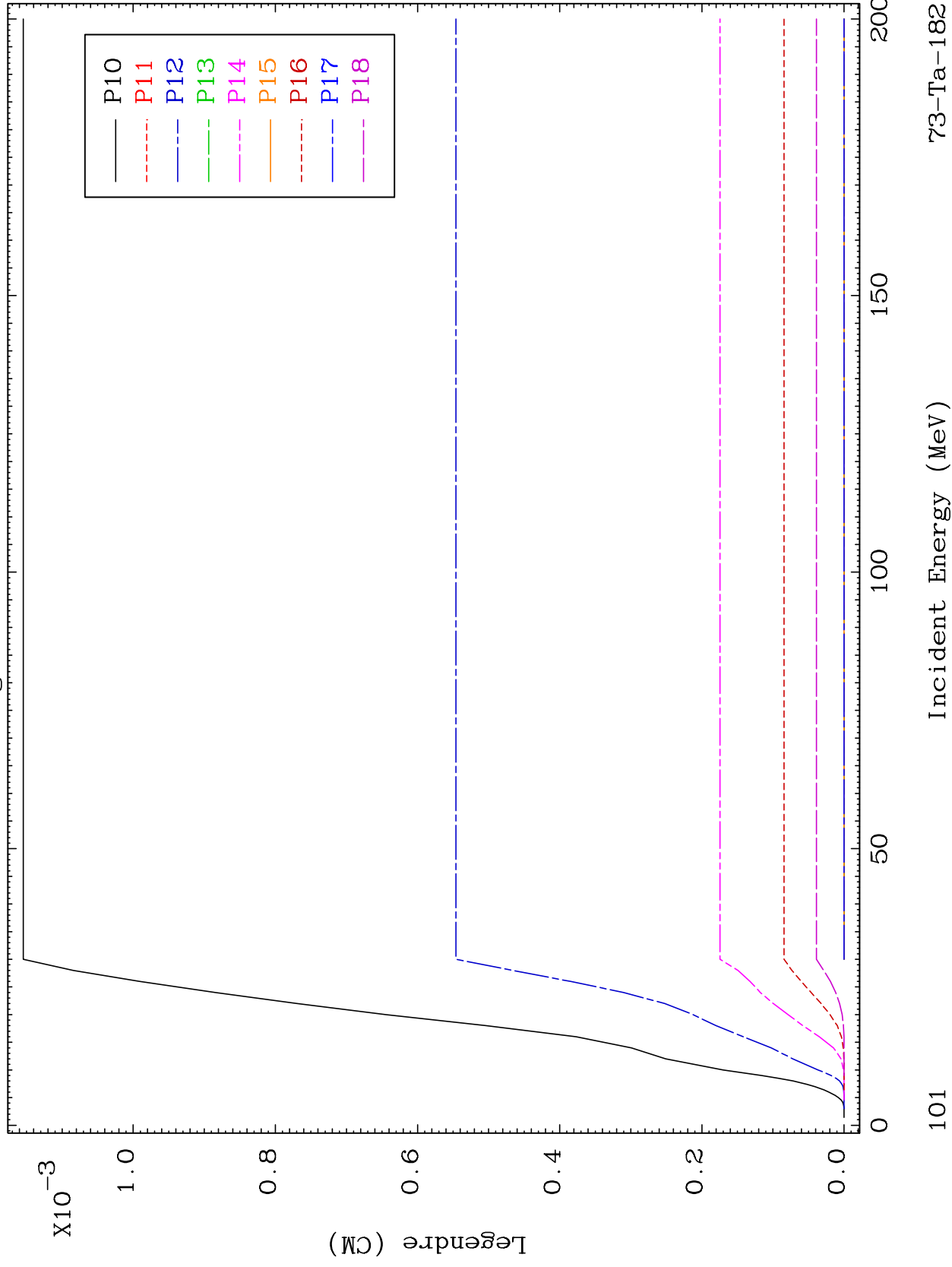


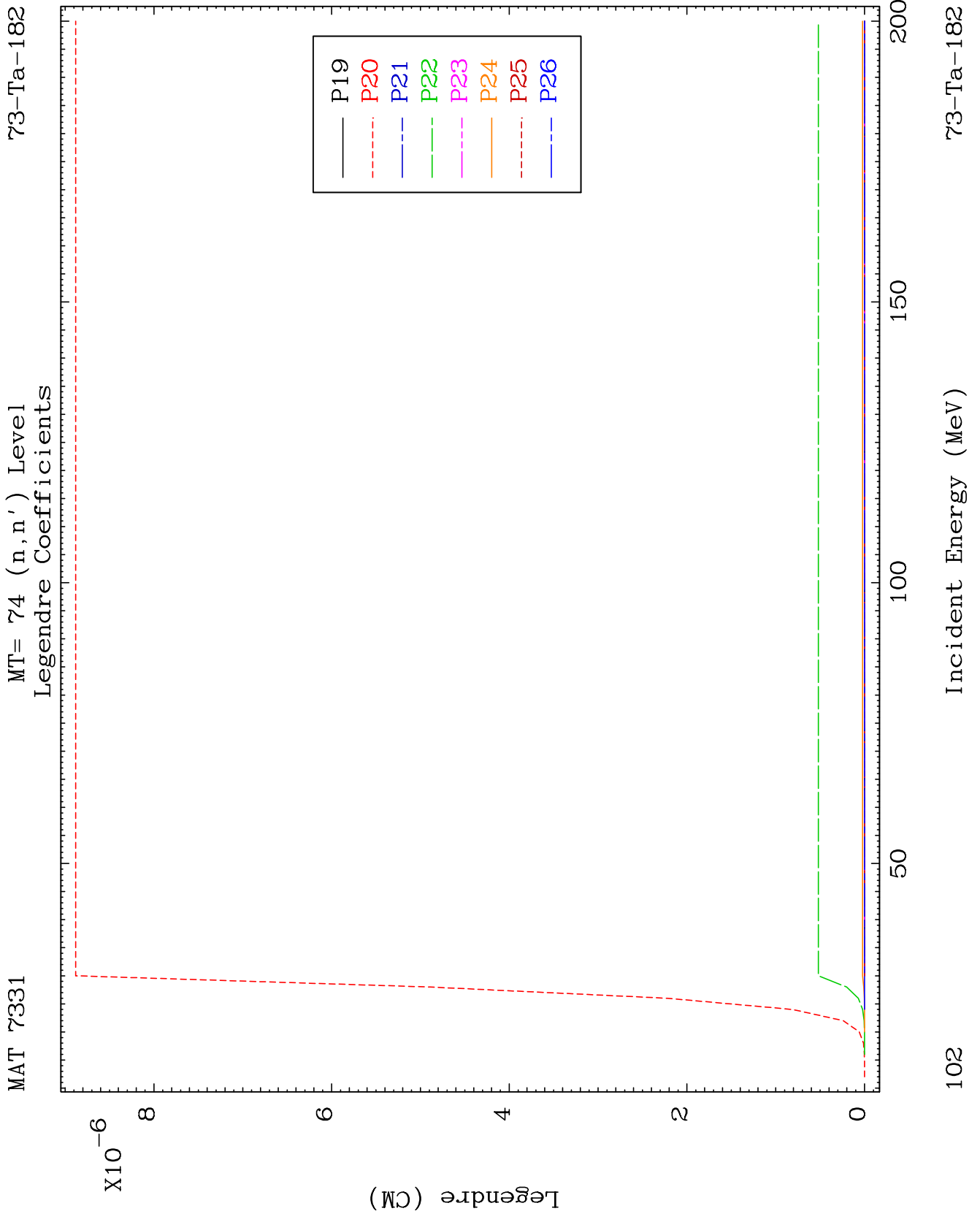


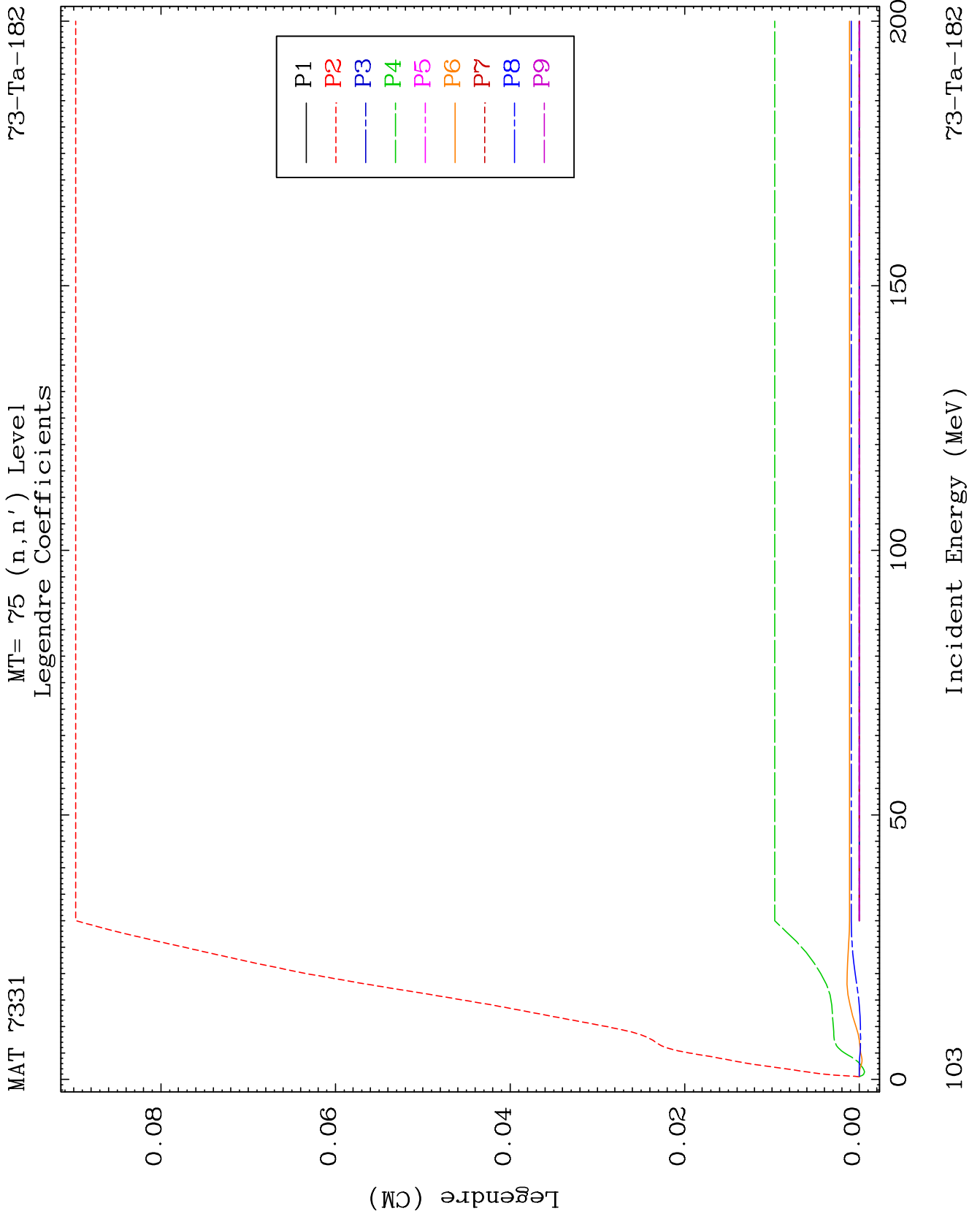
MAT 7331

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

73-Ta-182



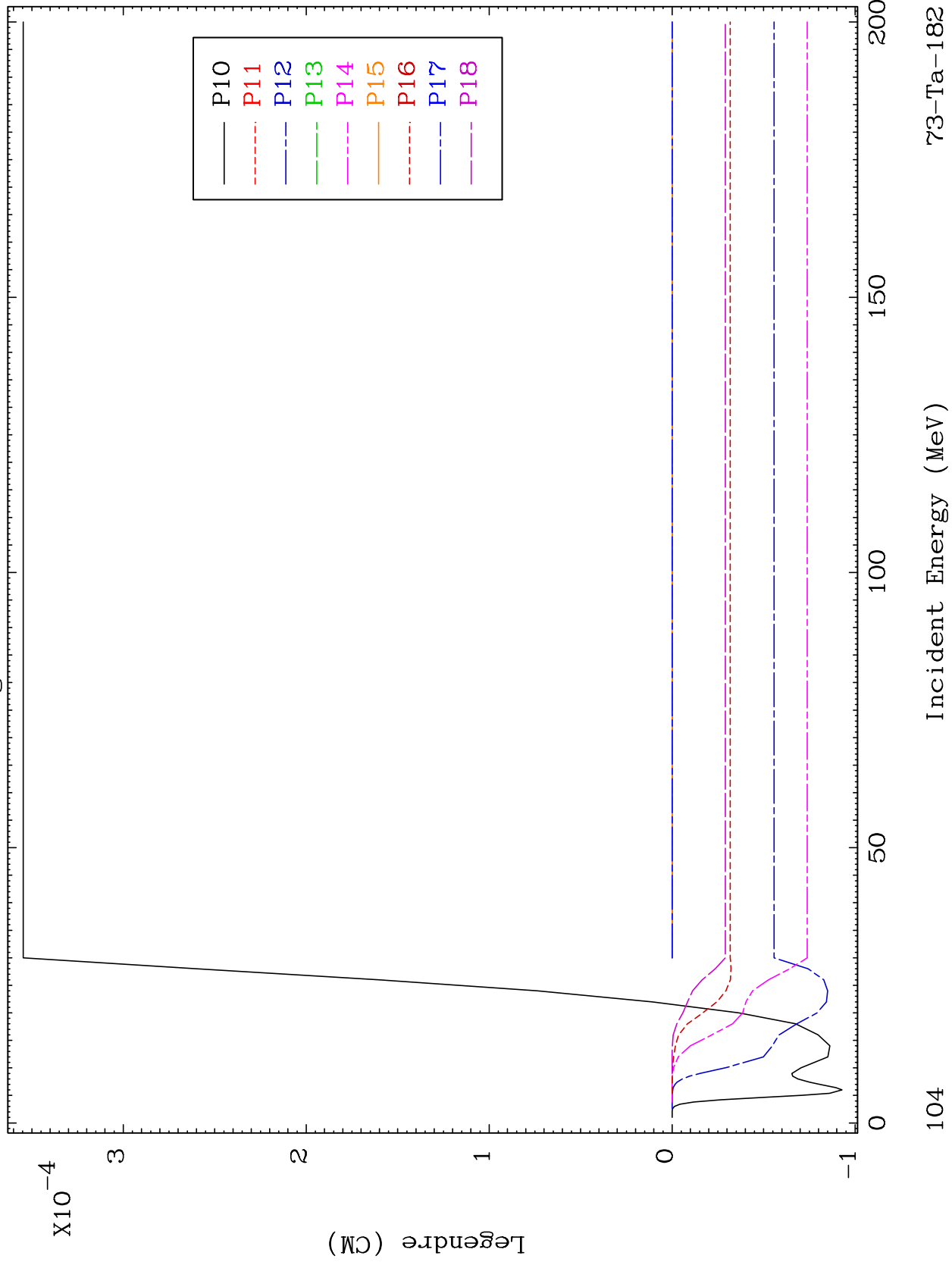




MAT 7331

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

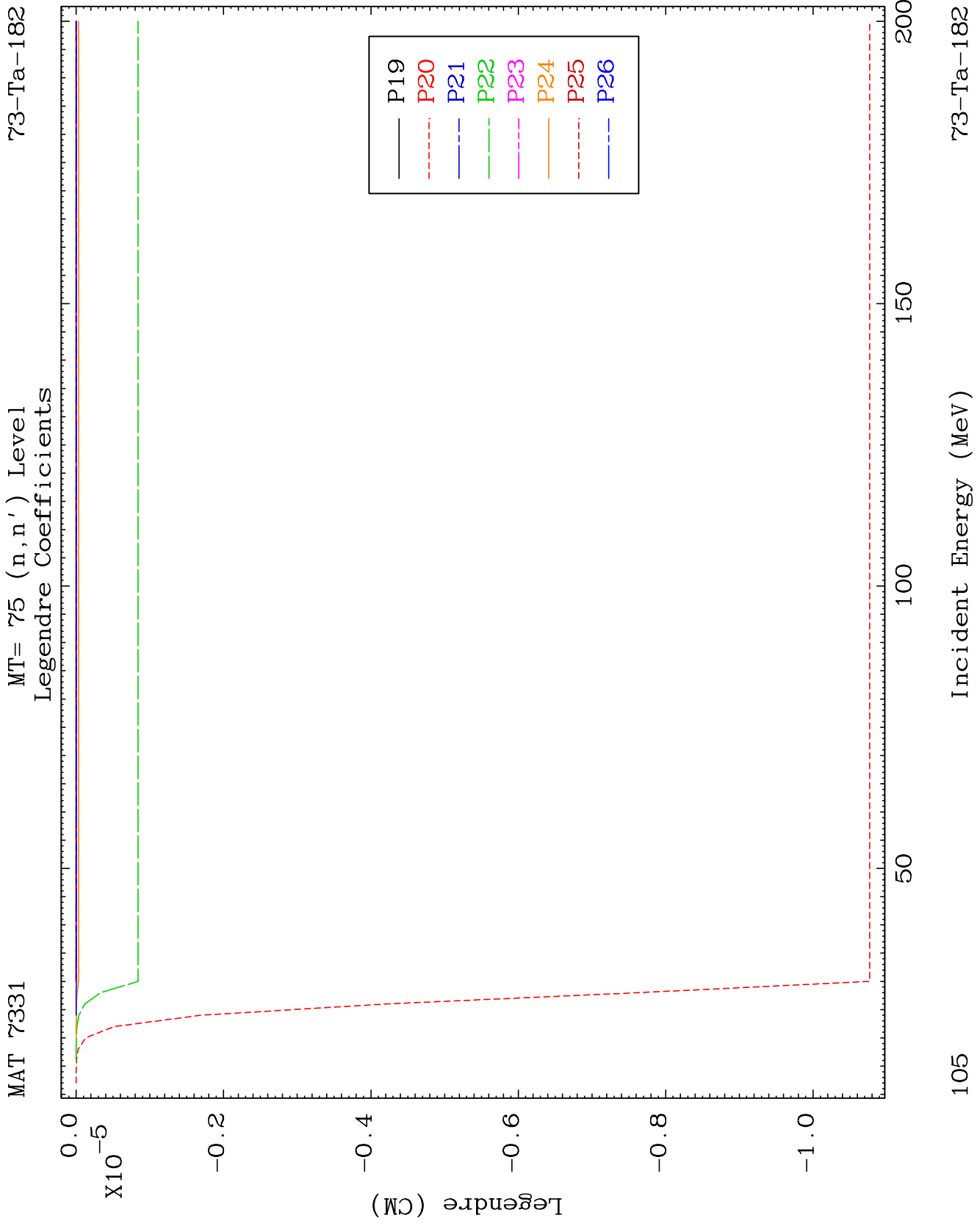
73-Ta-182

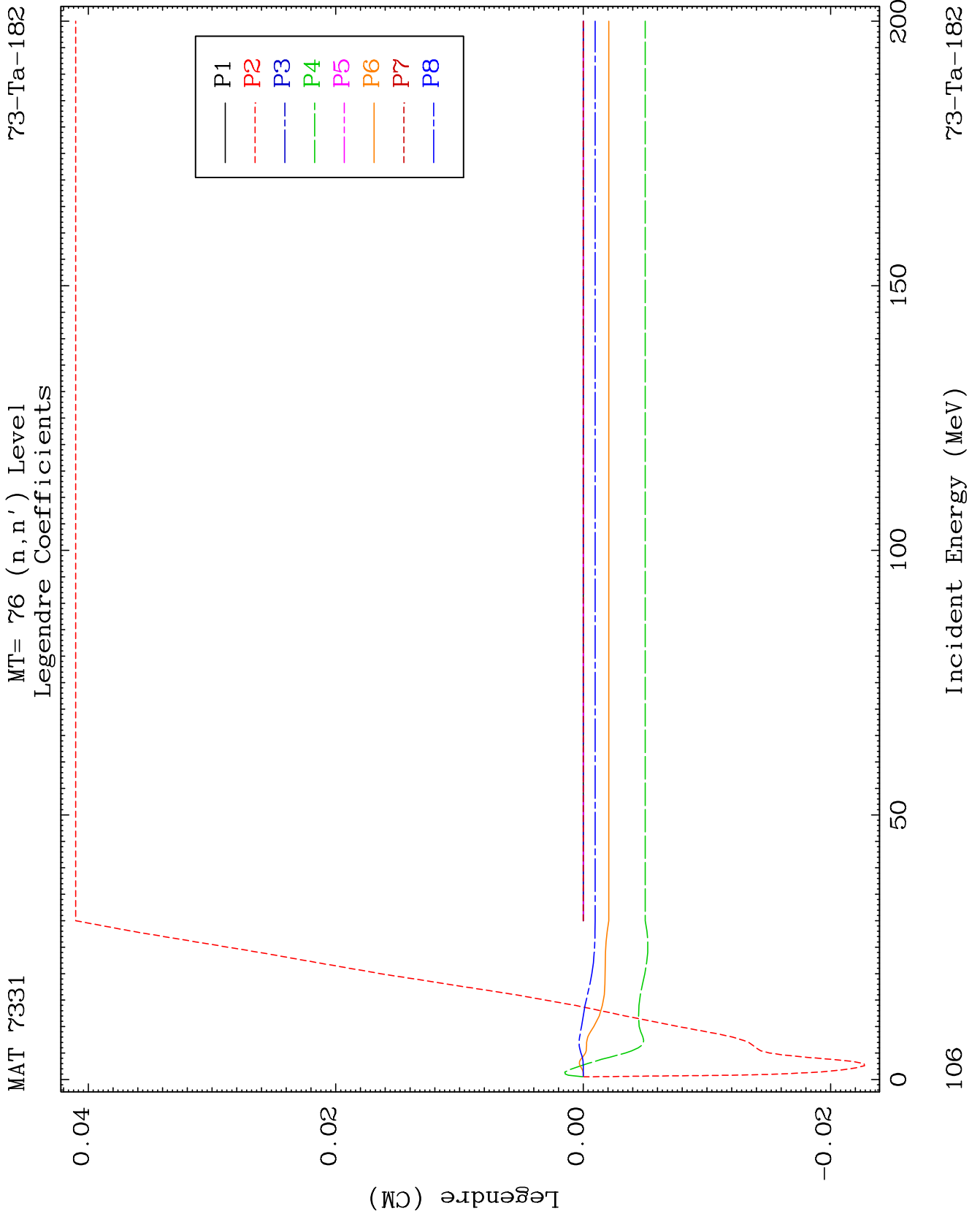


104

Incident Energy (MeV)

73-Ta-182

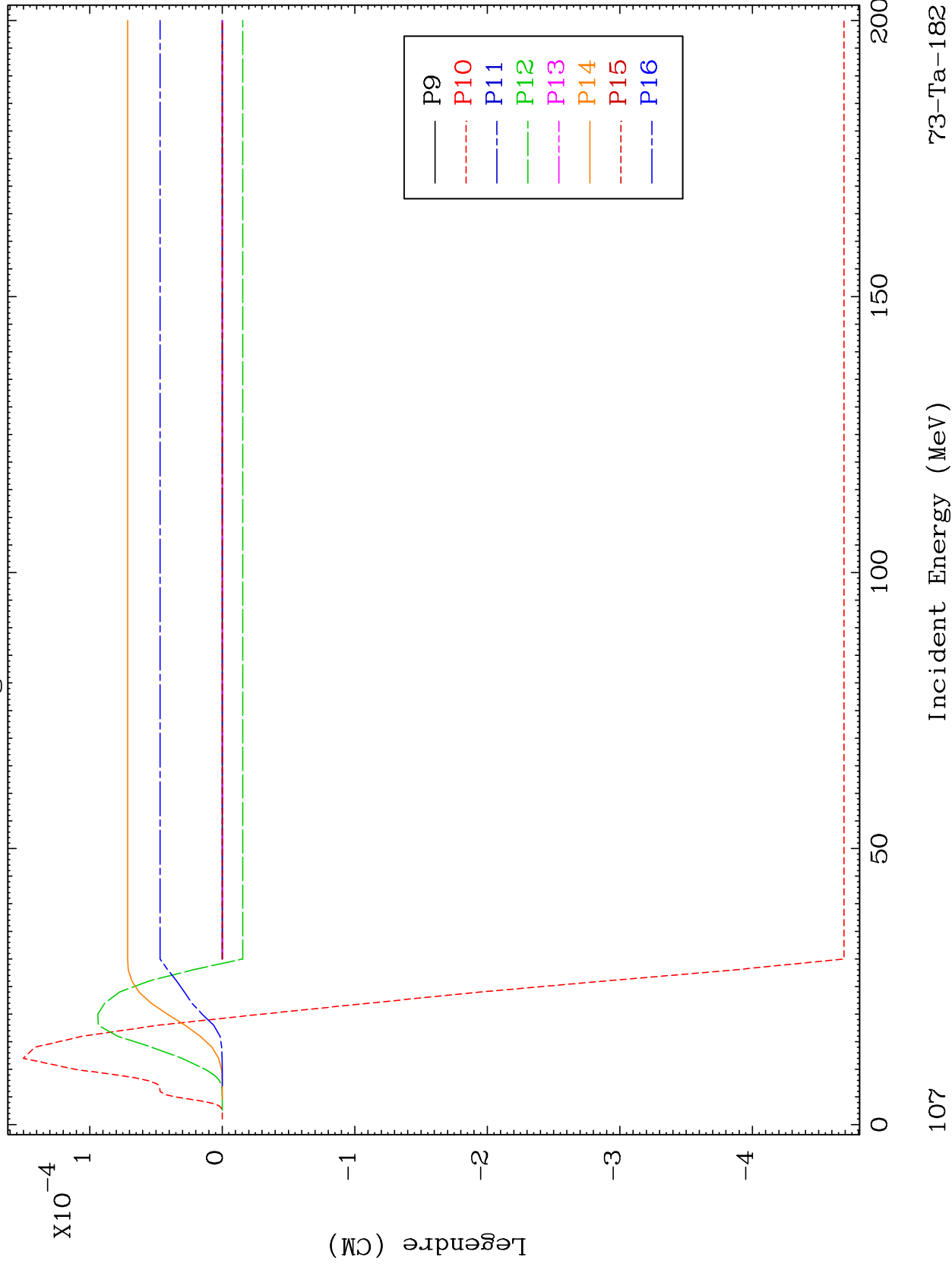




MAT 7331

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

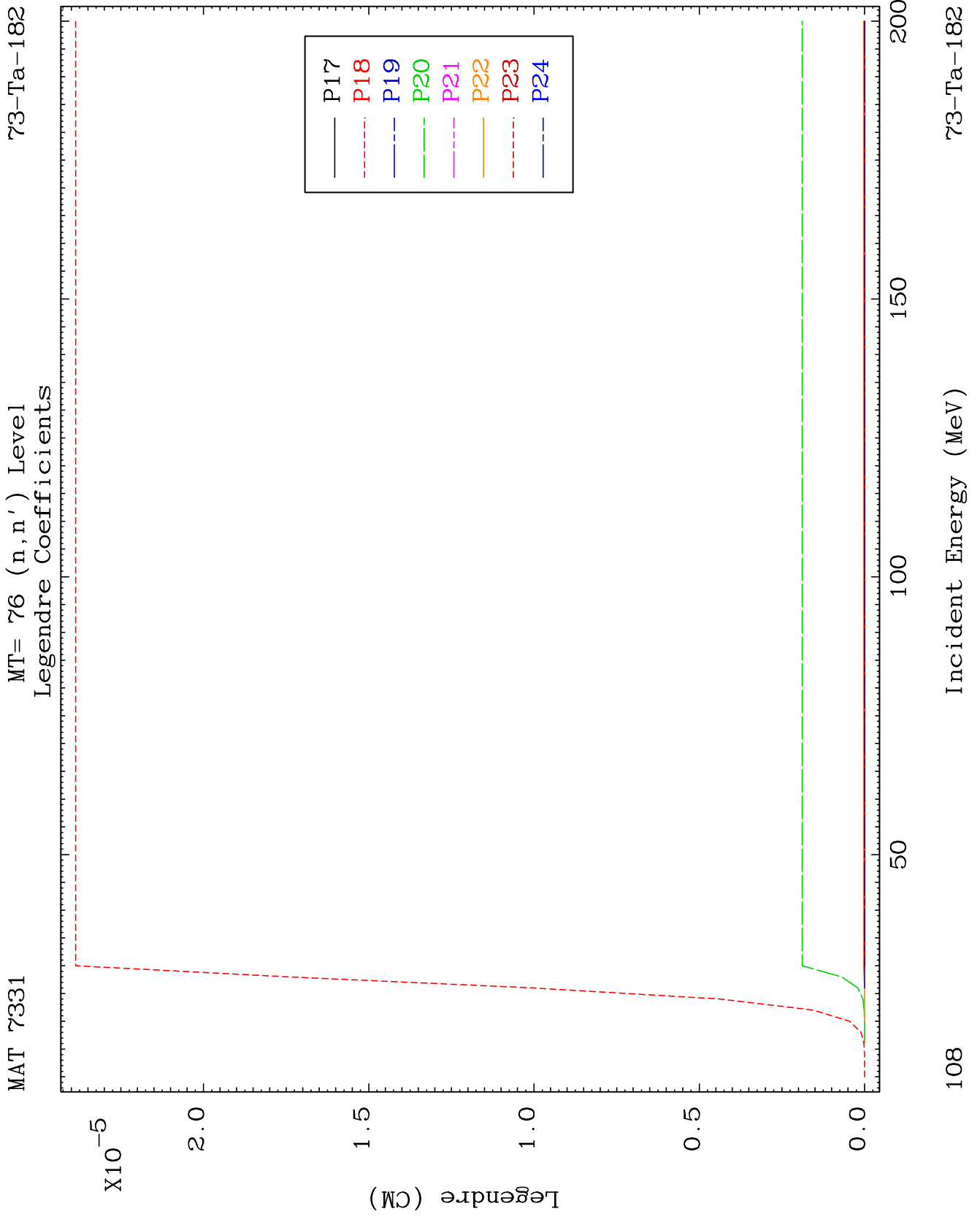
73-Ta-182

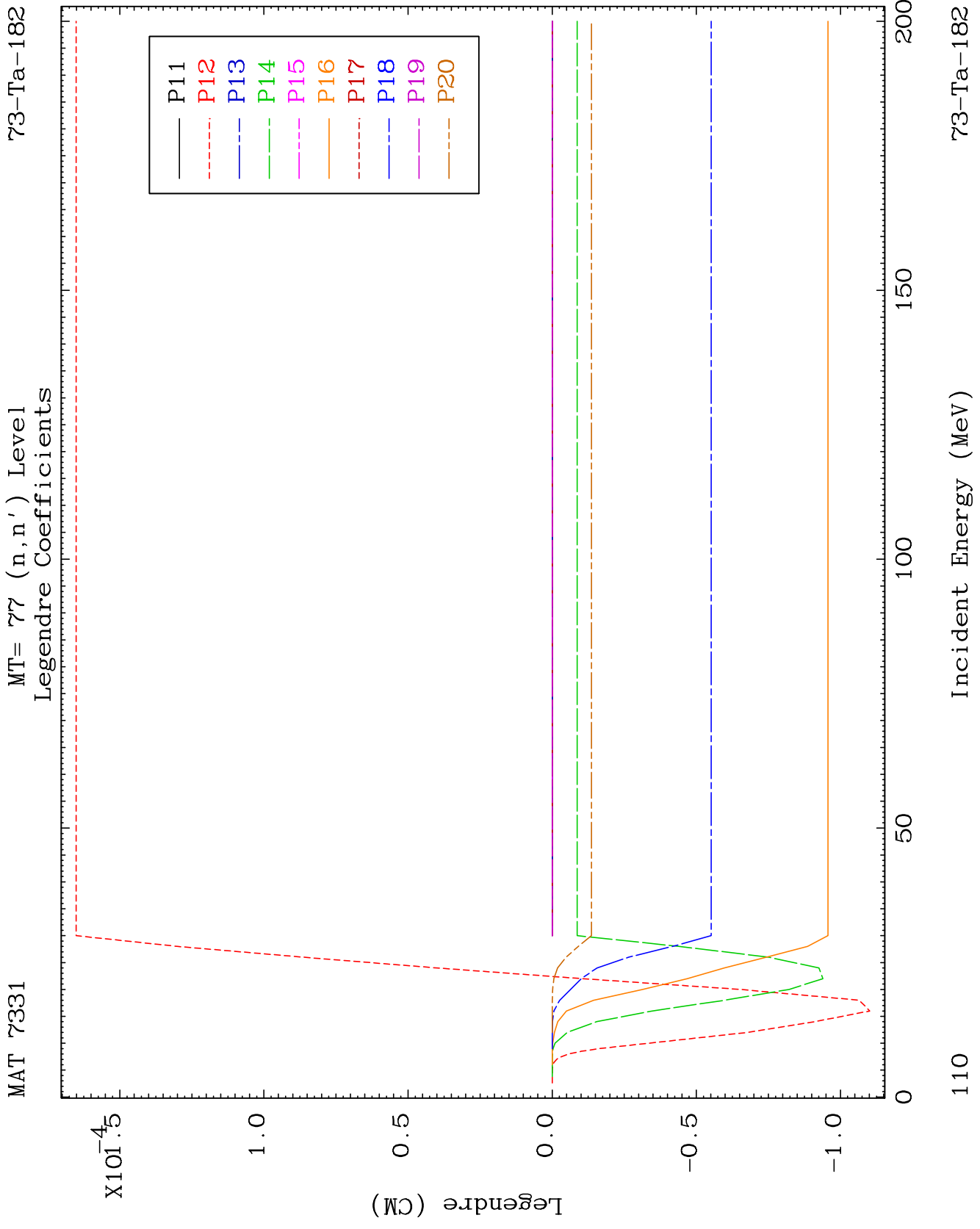


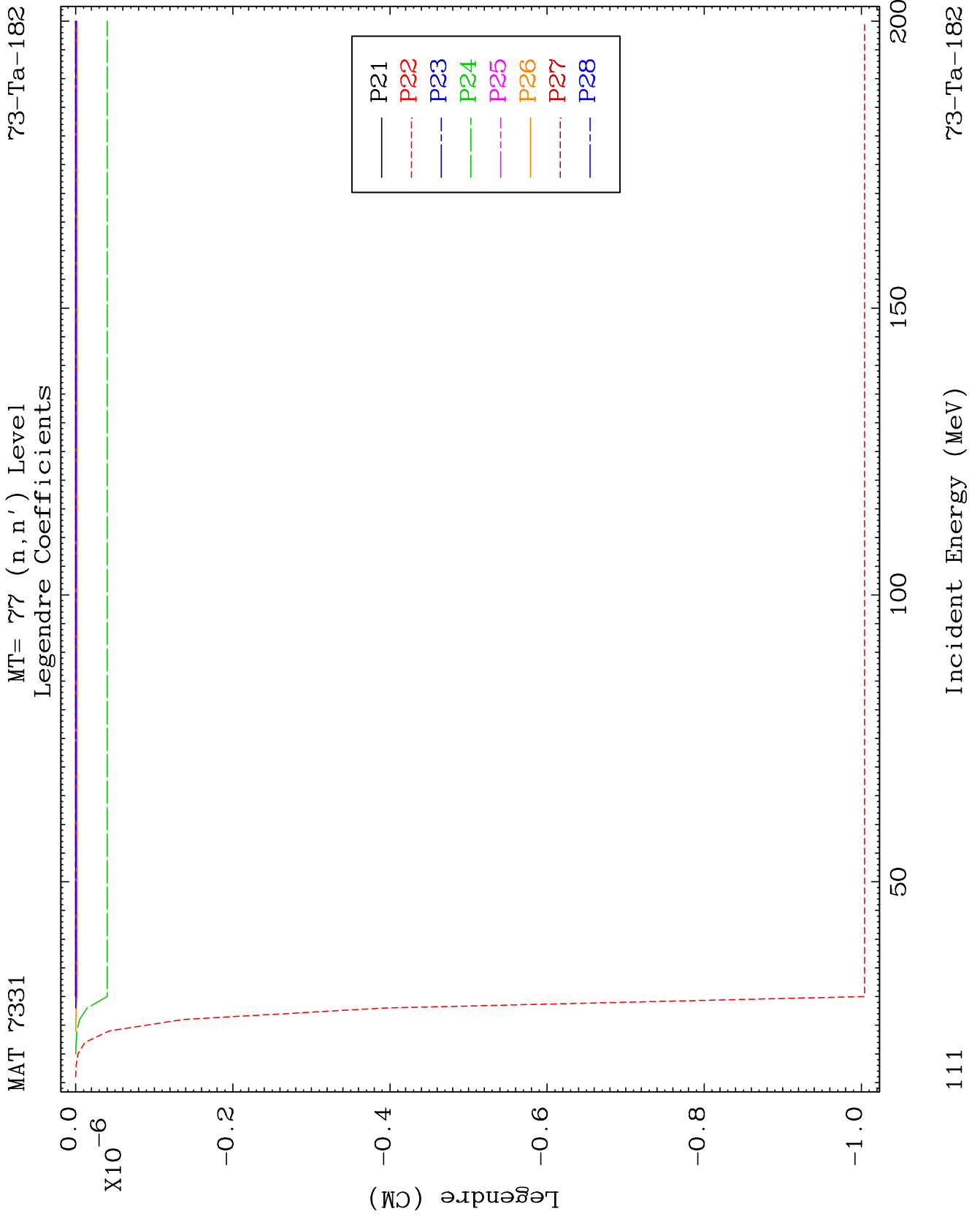
107

Incident Energy (MeV)

73-Ta-182





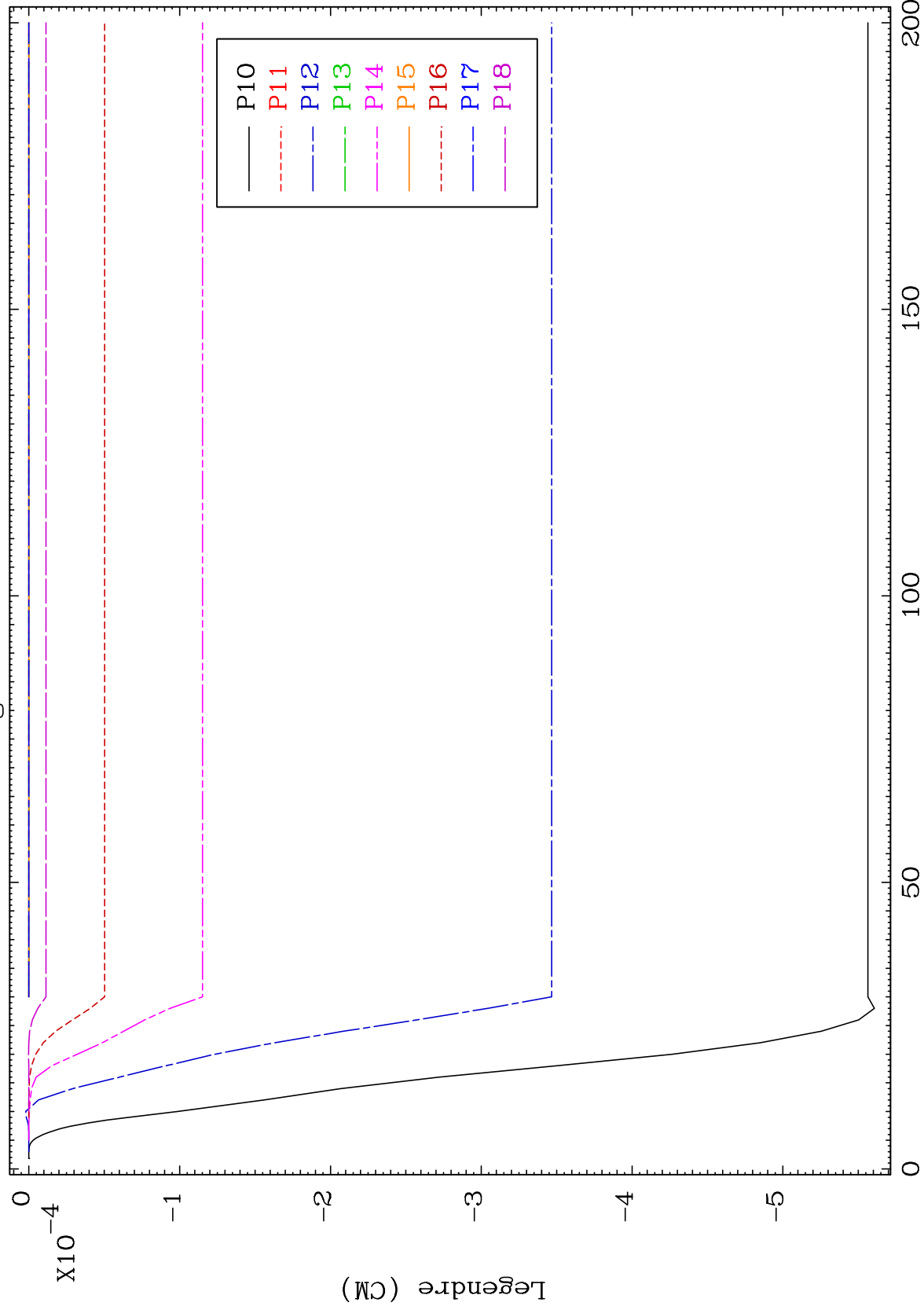


MAT 7331

MT= 78 (n,n') Level

73-Ta-182

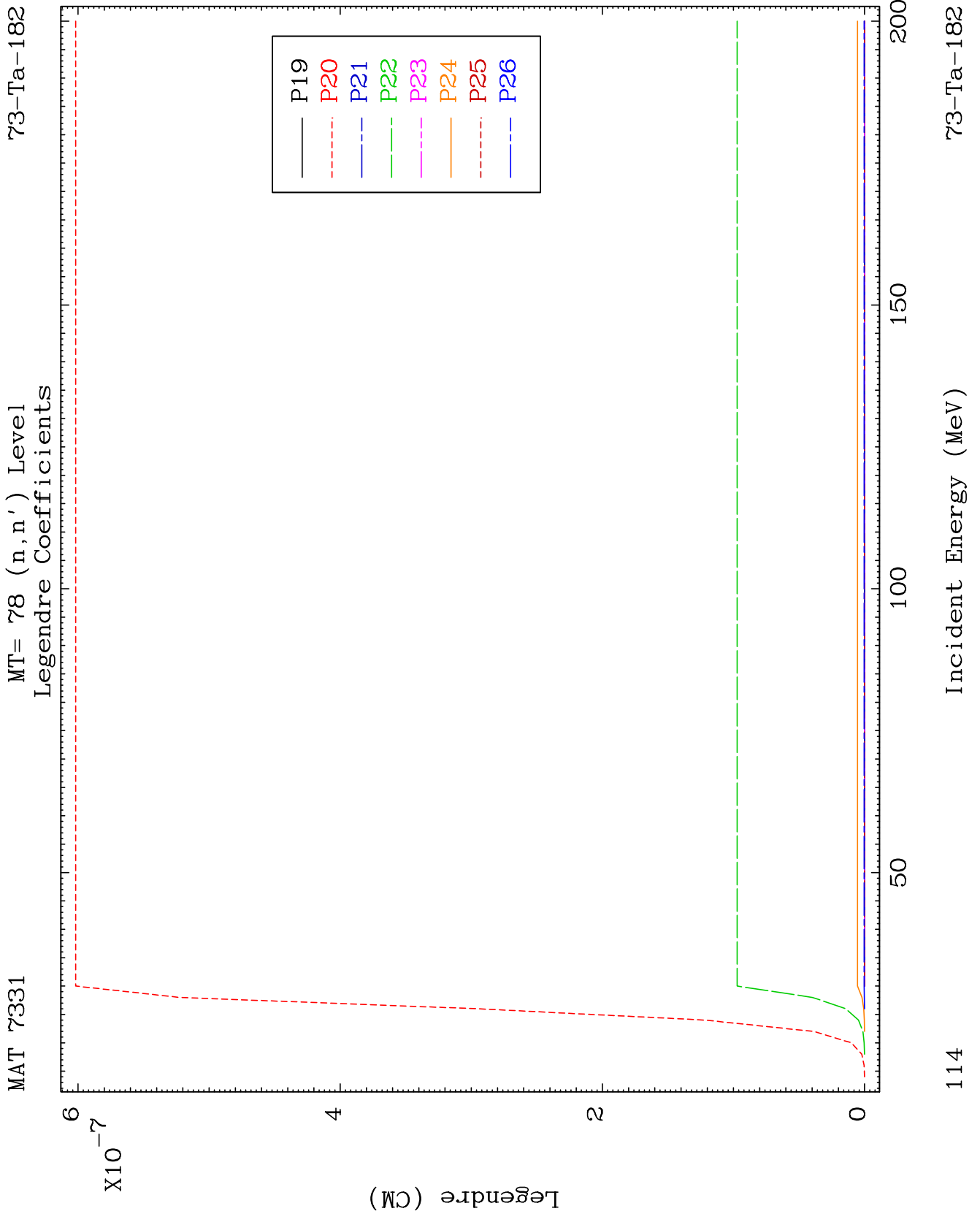
Legendre Coefficients



73-Ta-182

Incident Energy (MeV)

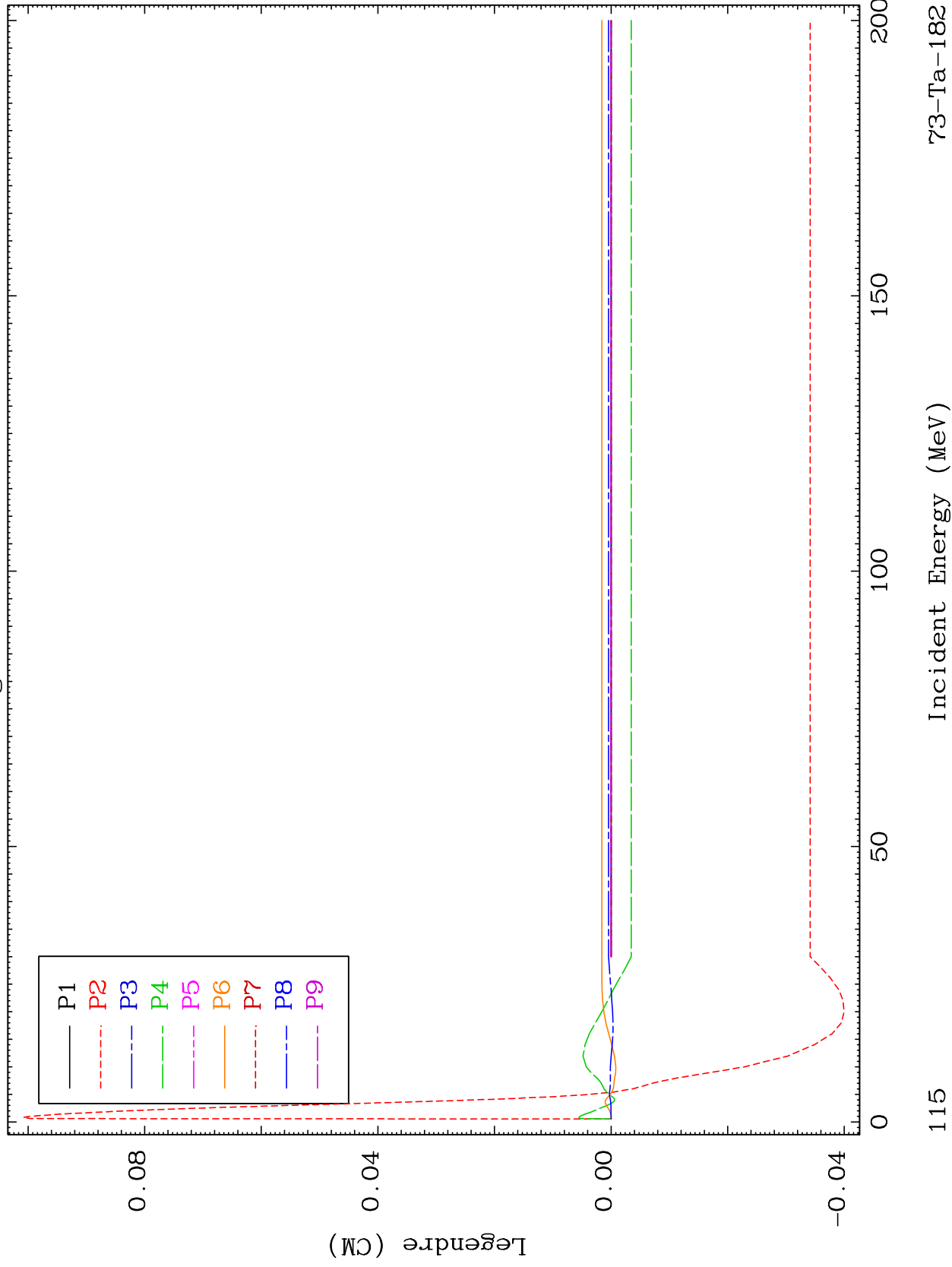
113



MAT 7331

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

⁷³Ta-182



⁷³Ta-182

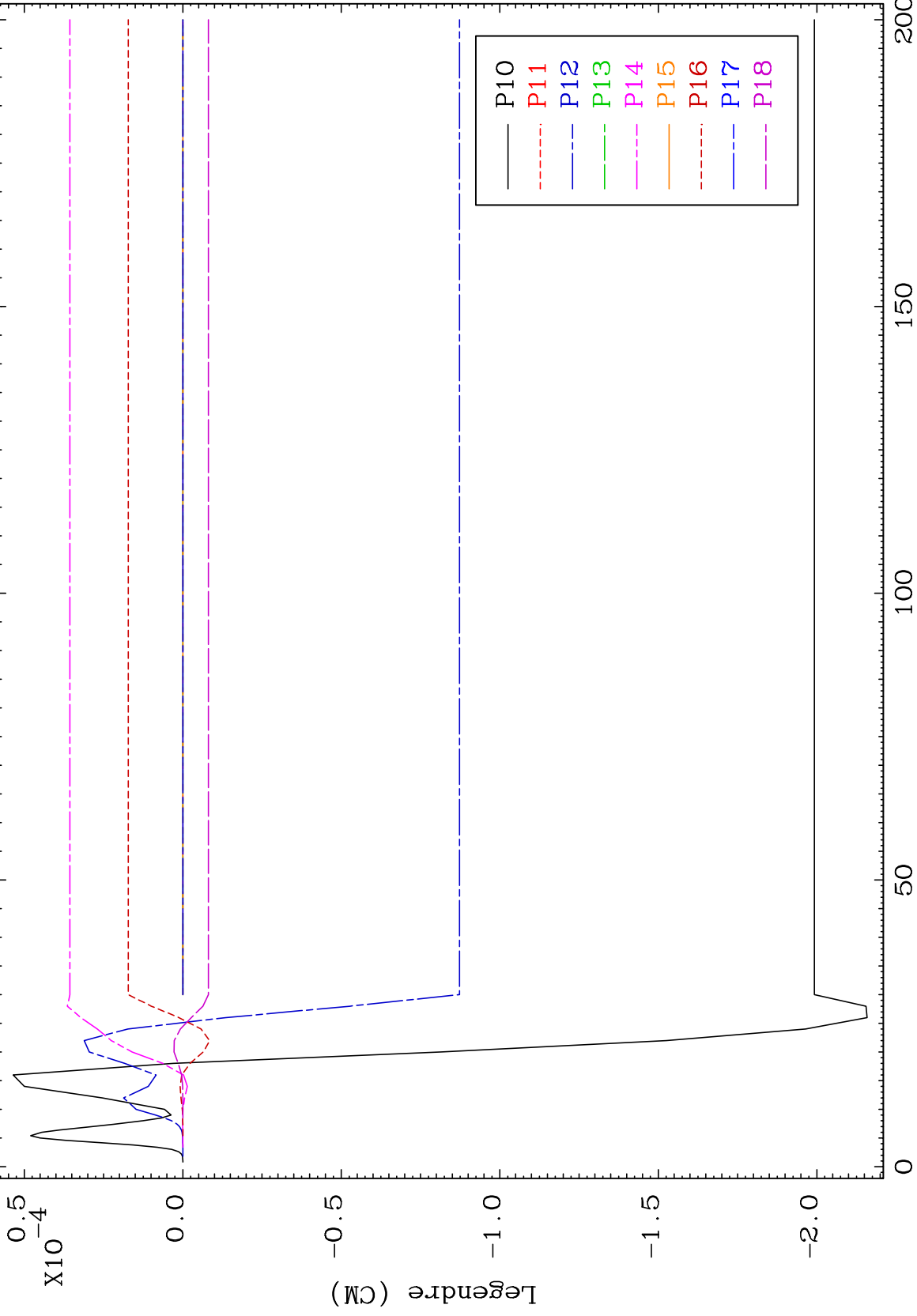
Incident Energy (MeV)

115

MAT 7331

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

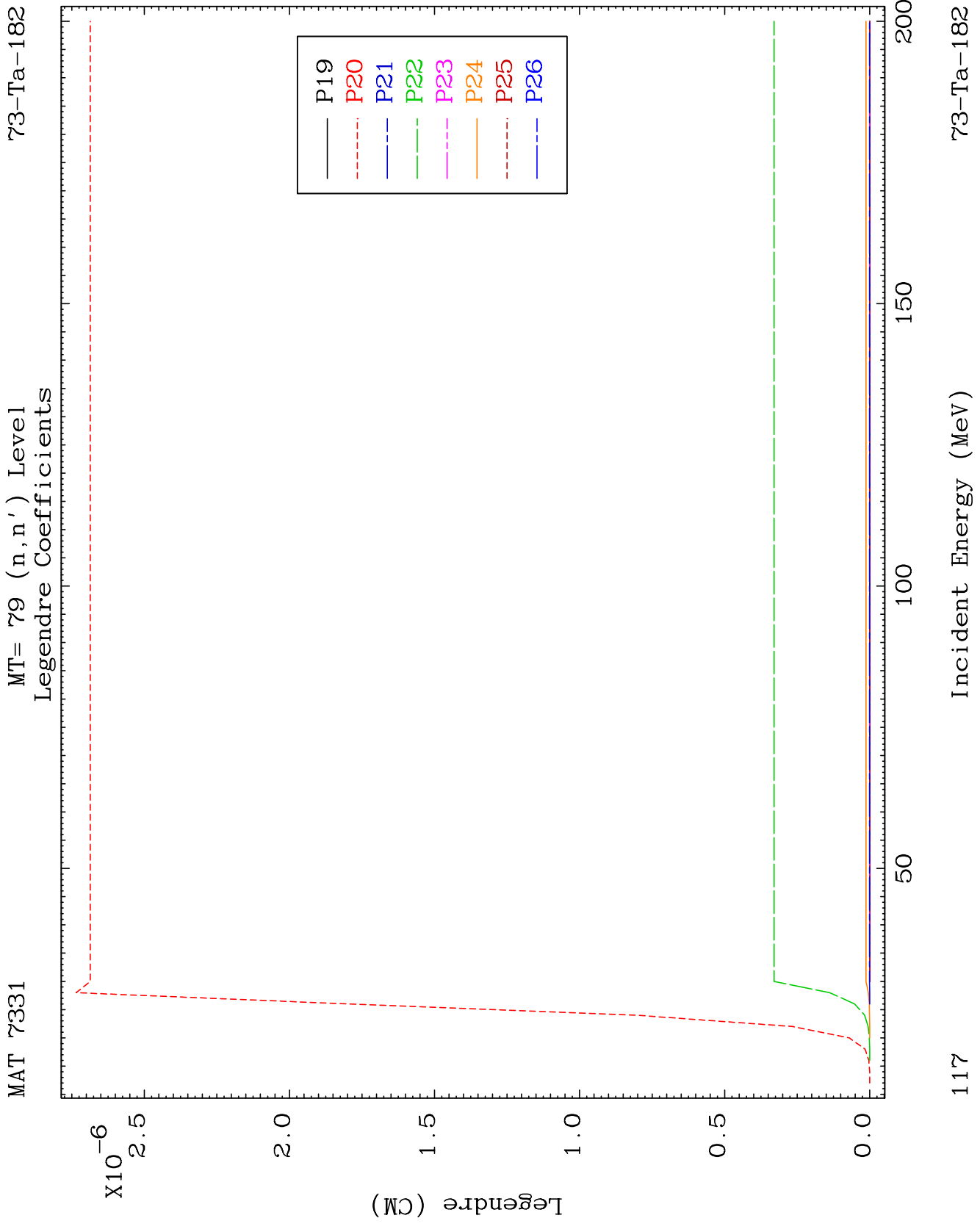
73-Ta-182

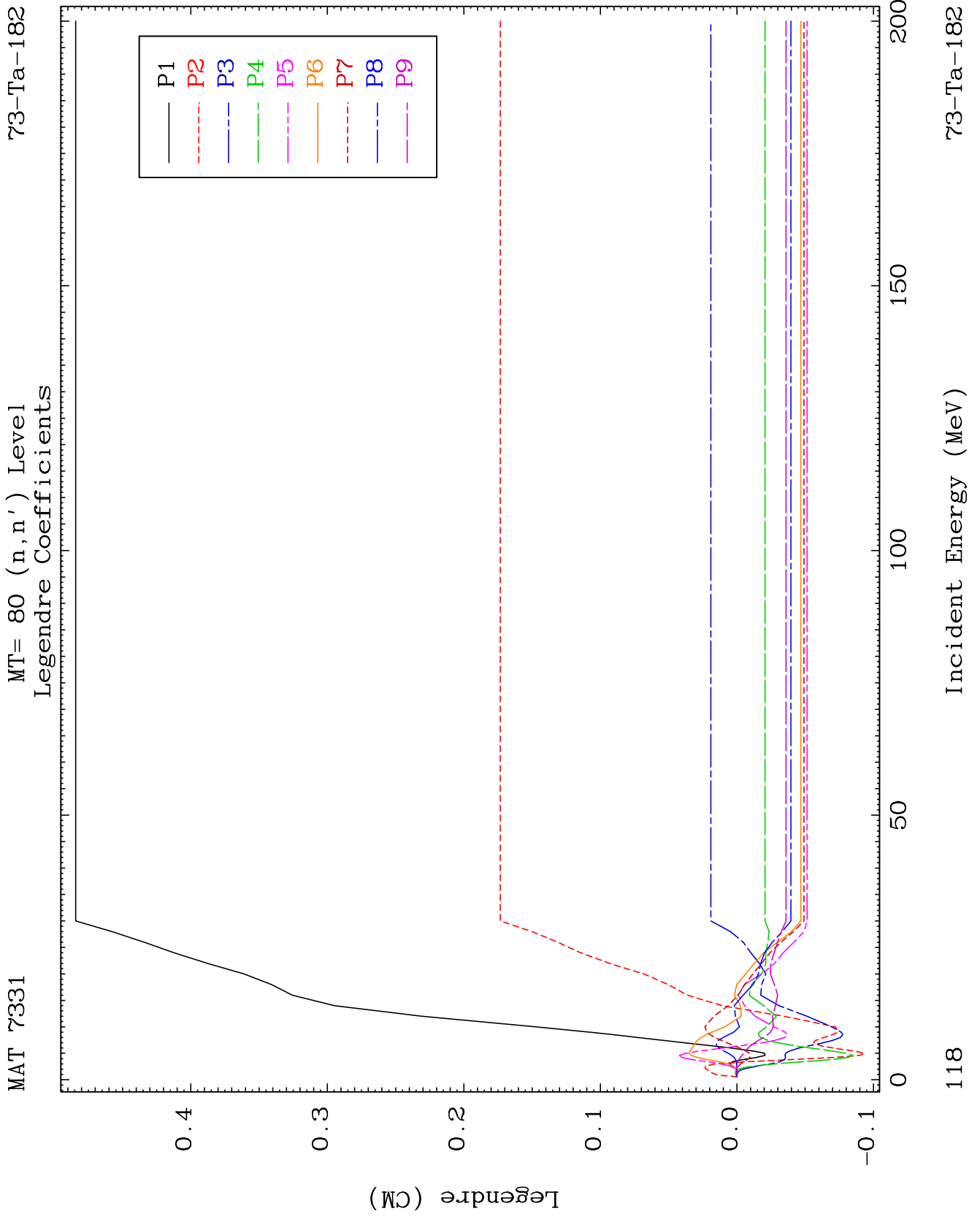


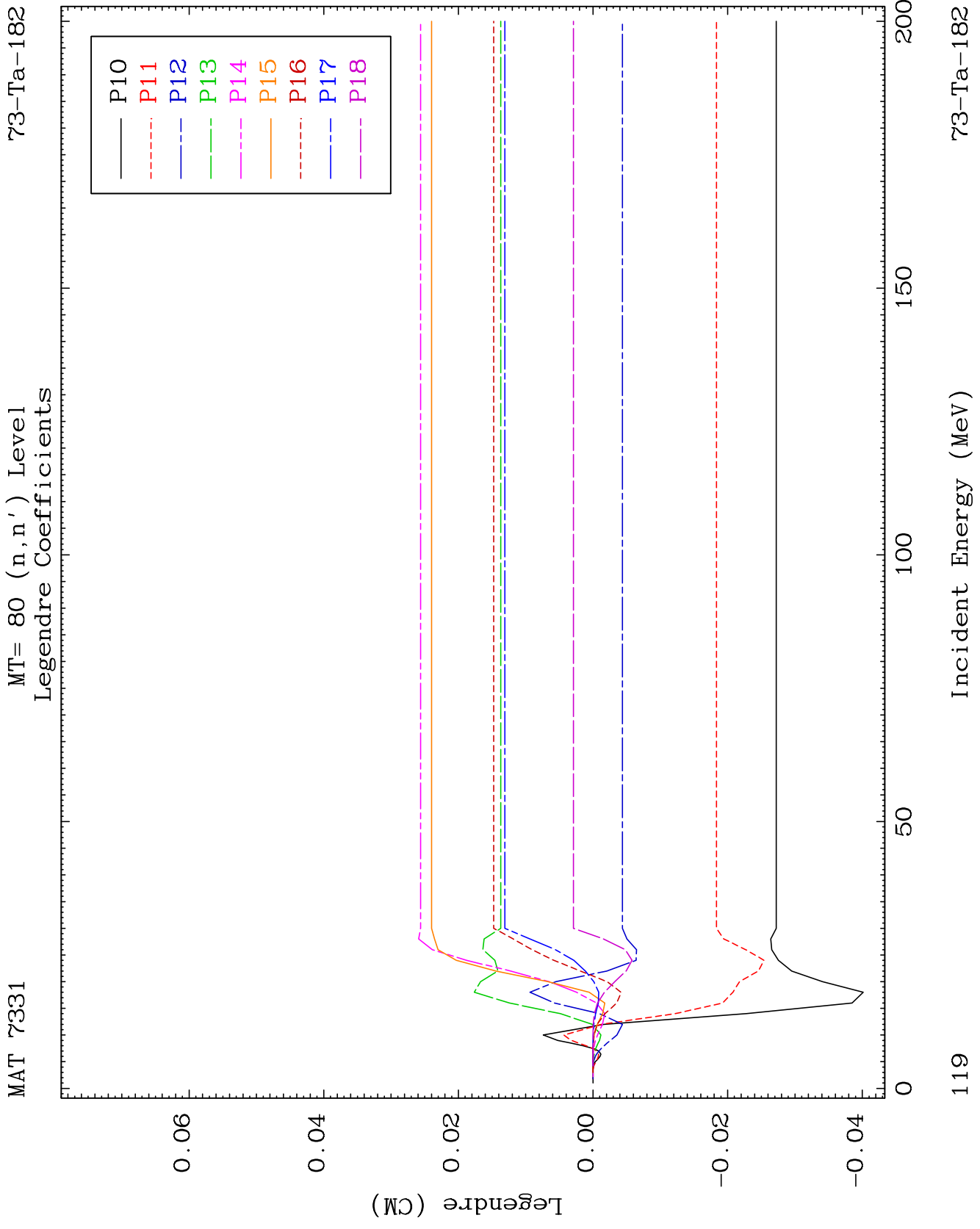
116

Incident Energy (MeV)

73-Ta-182



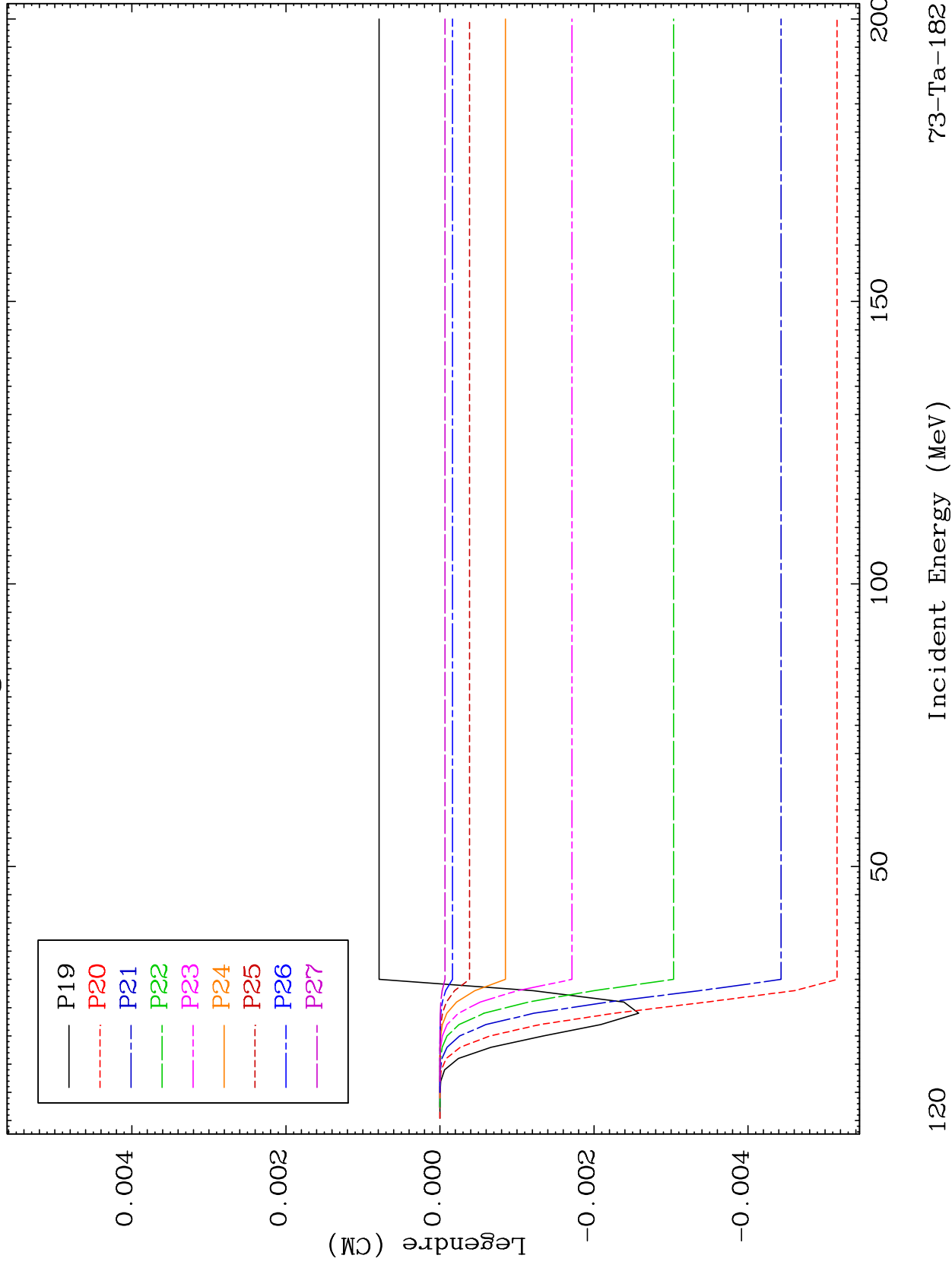




MAT 7331

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

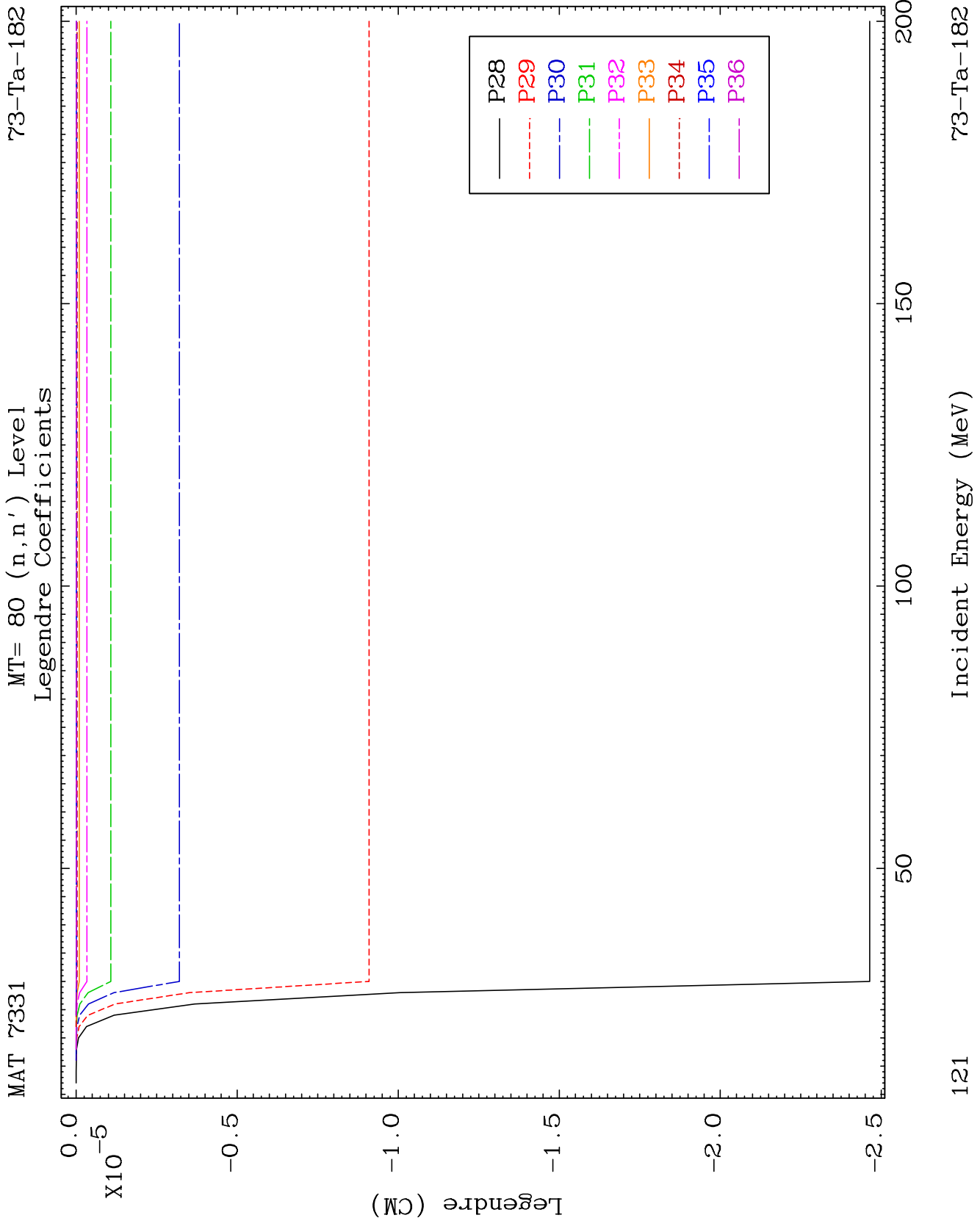
73-Ta-182



120

Incident Energy (MeV)

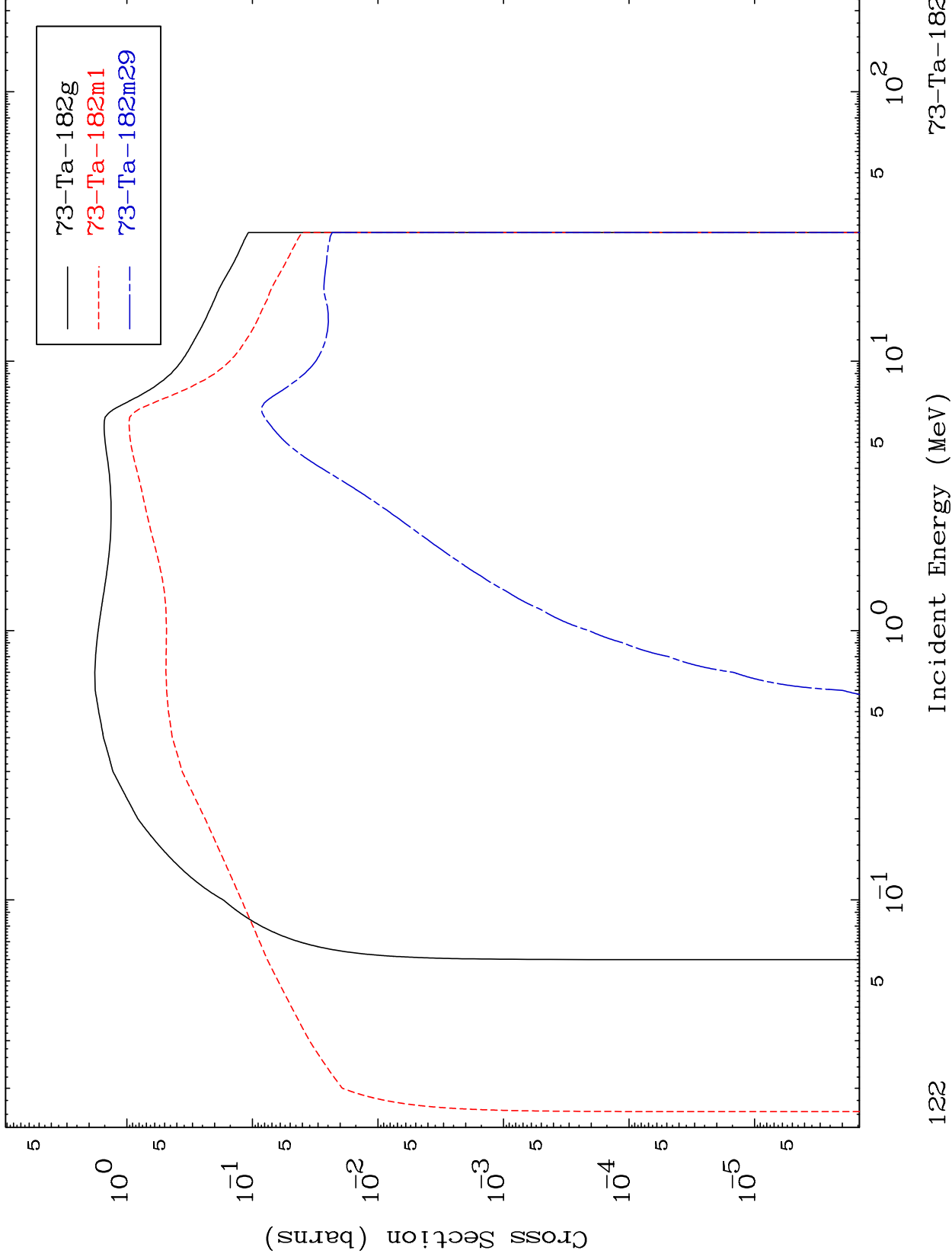
73-Ta-182



MAT 7331

Inelastic
Radionuclide Production Cross Section

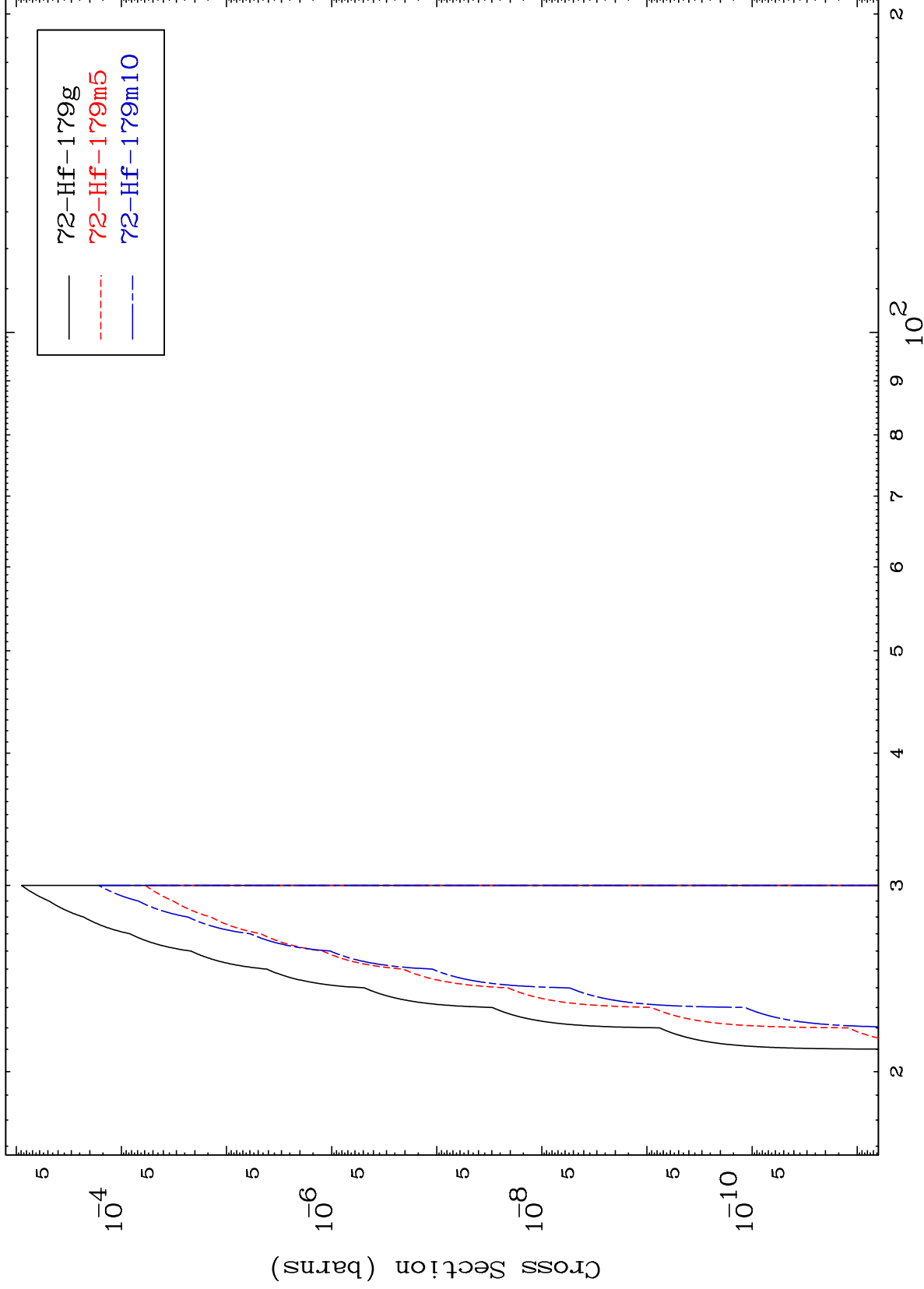
⁷³Ta-182



122

⁷³Ta-182

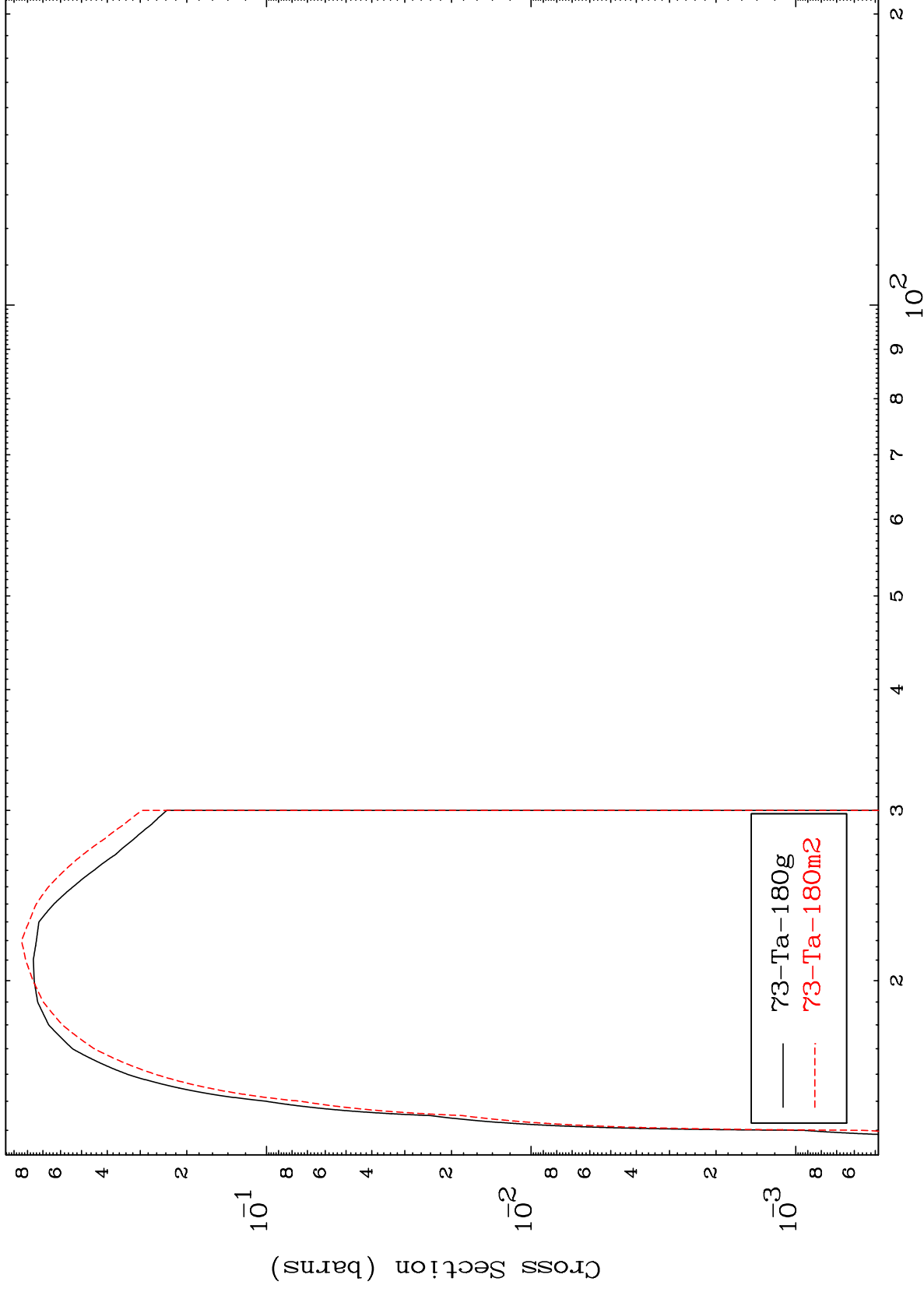
Radionuclide Production Cross Section



MAT 7331

⁷³Ta-182

(n,3n)
Radionuclide Production Cross Section



124

⁷³Ta-182

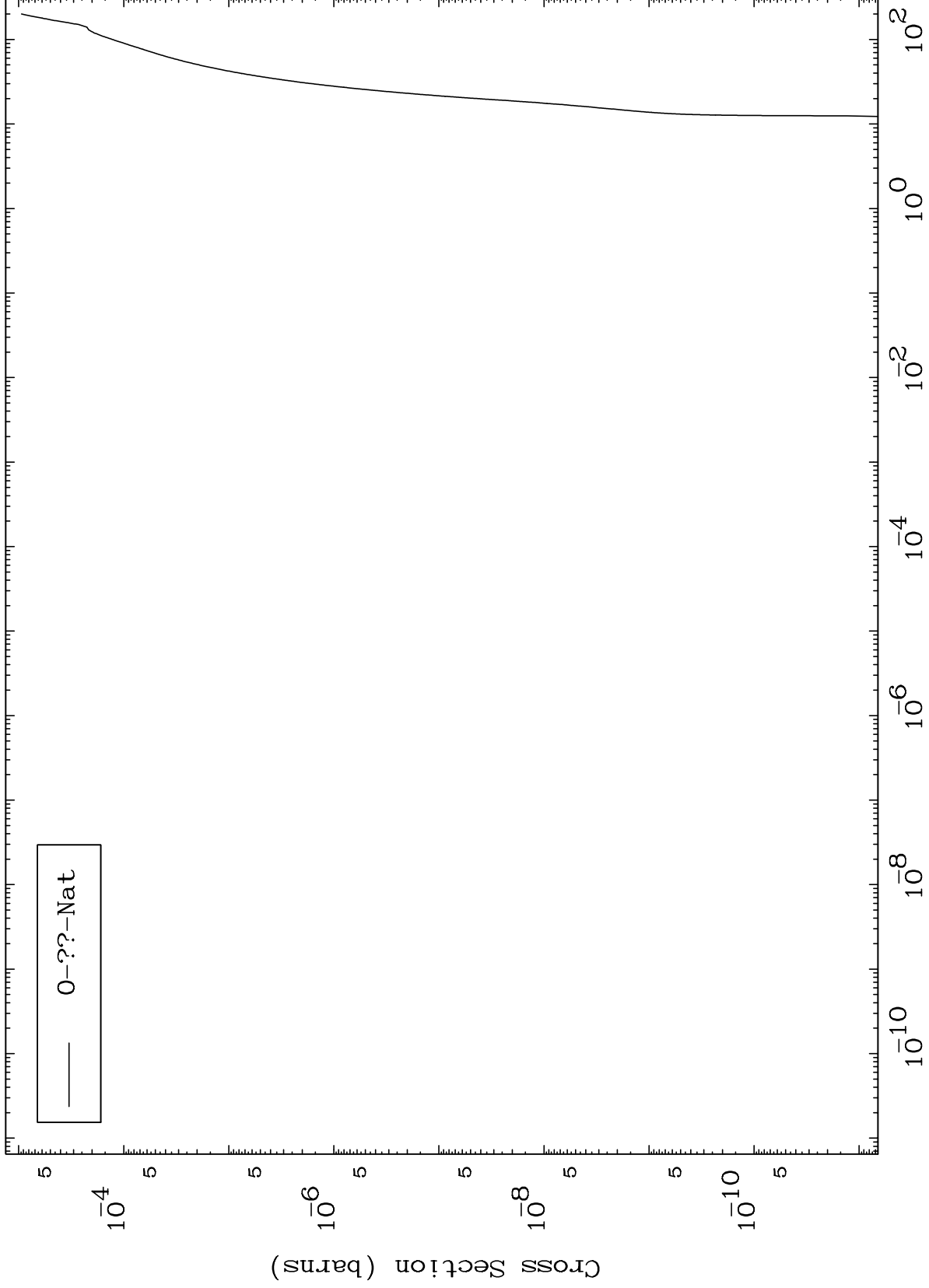
Incident Energy (MeV)

MAT 7331

Fission

⁷³Ta-182

Radionuclide Production Cross Section

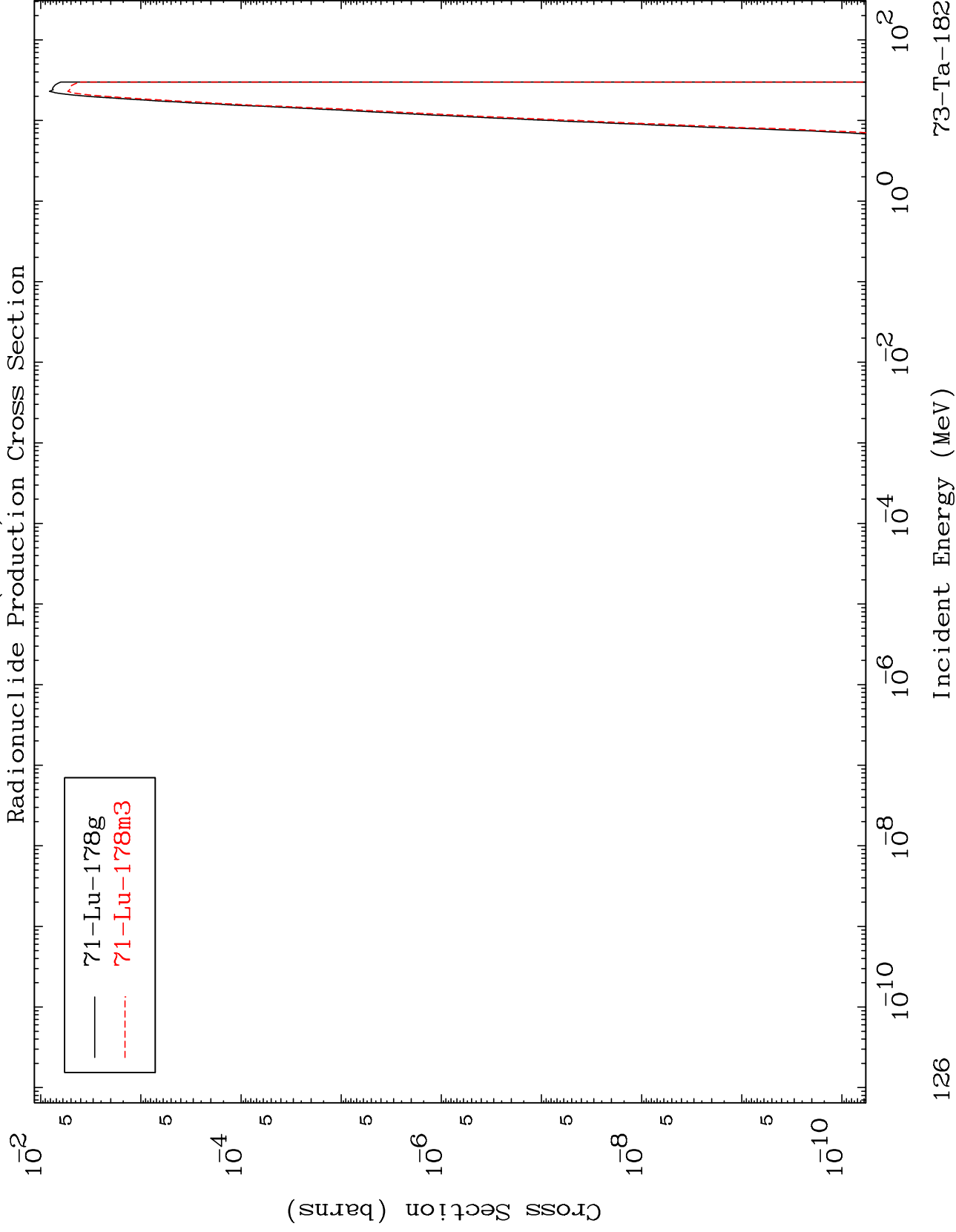


MAT 7331

$(n, n') \alpha$

$^{73}\text{Ta-182}$

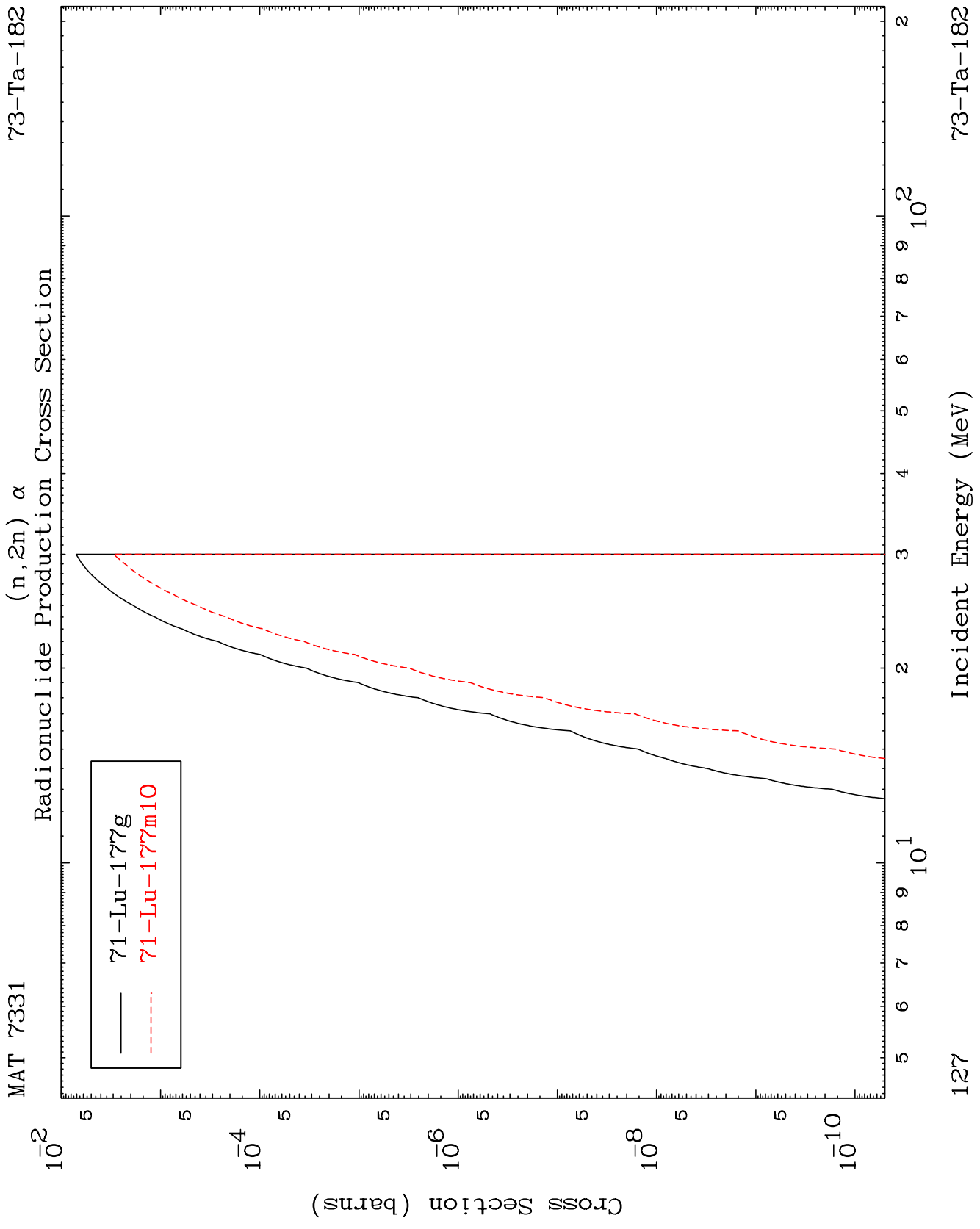
Radionuclide Production Cross Section



126

Incident Energy (MeV)

$^{73}\text{Ta-182}$

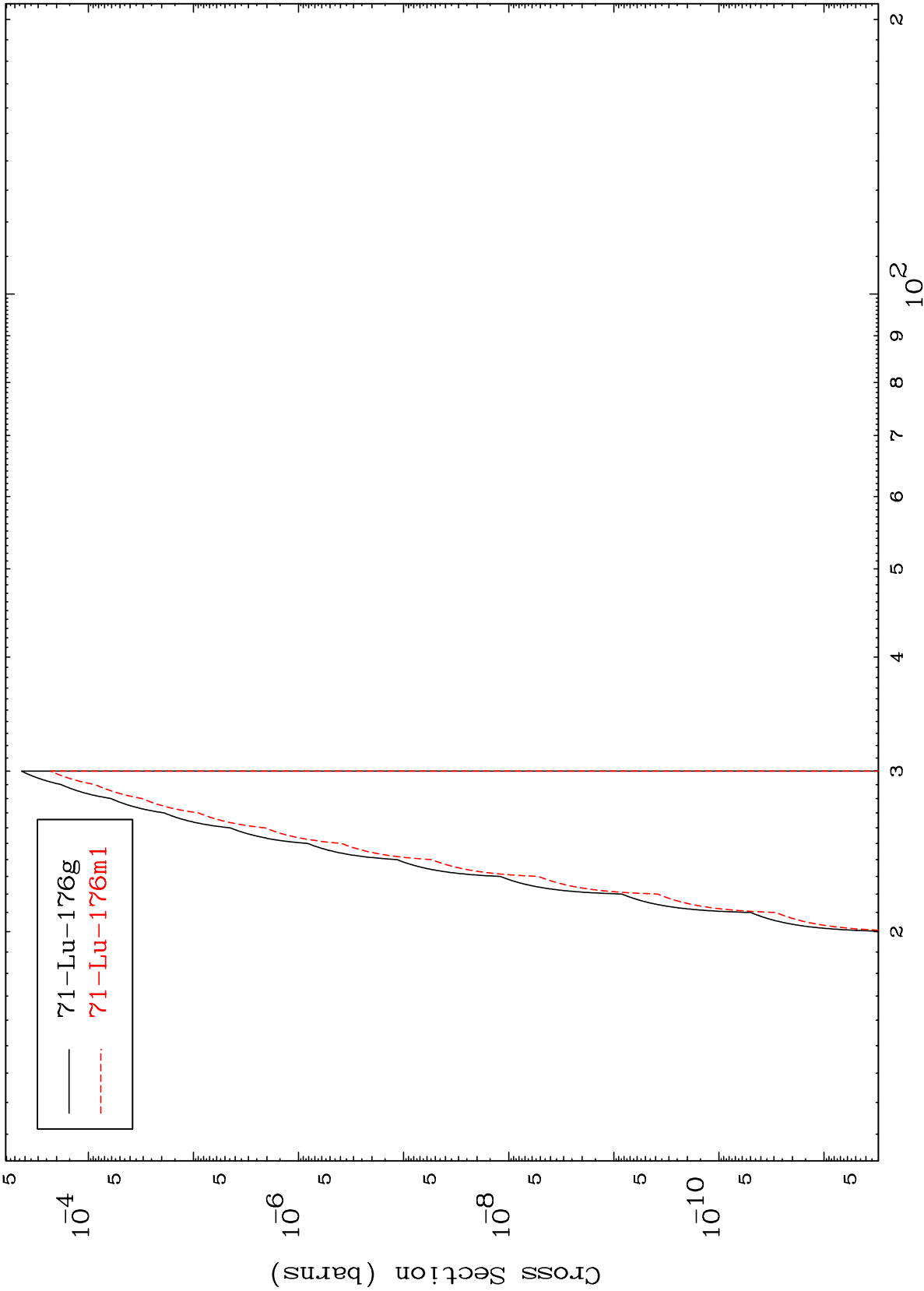


MAT 7331

(n,3n) α

⁷³Ta-182

Radionuclide Production Cross Section



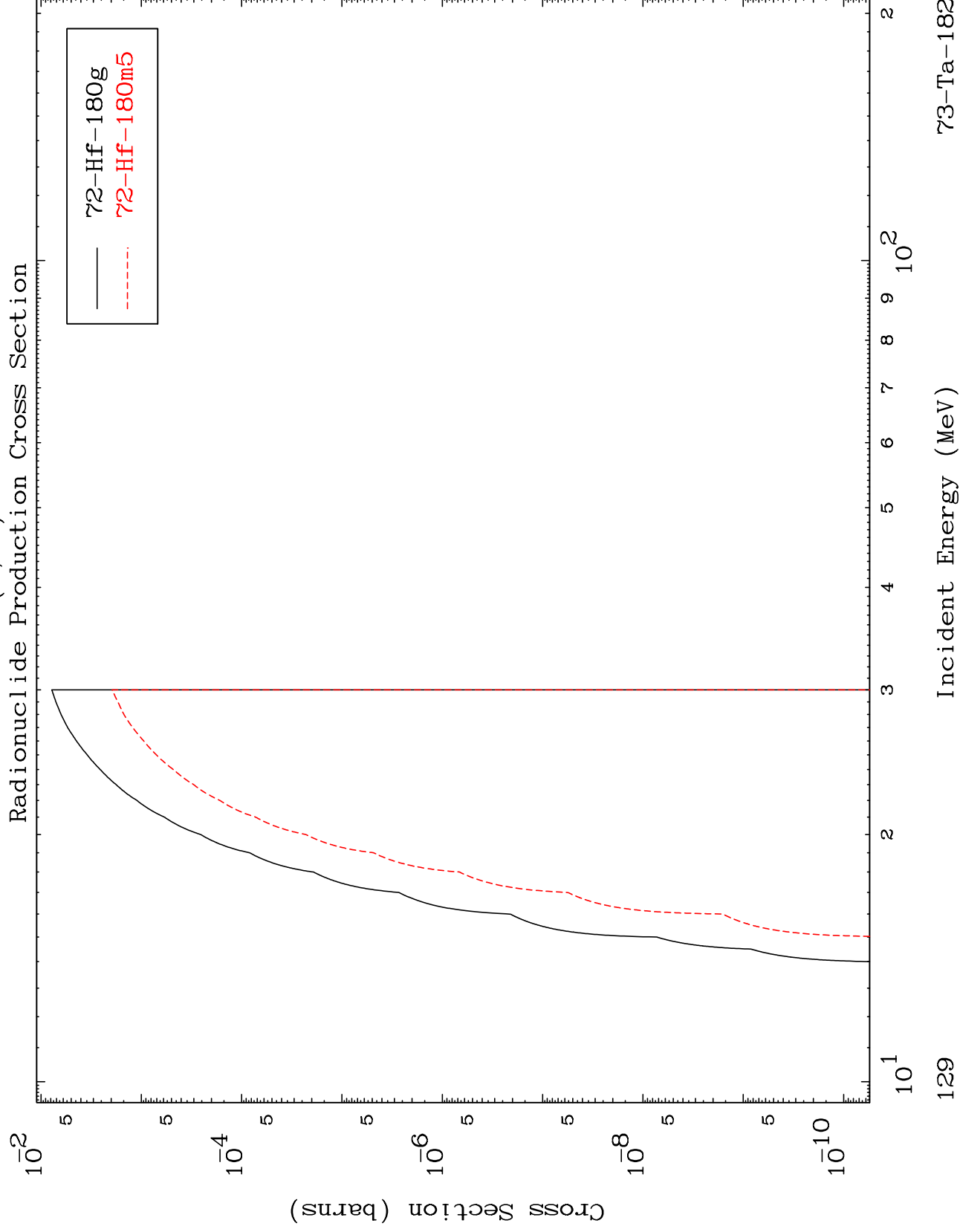
71-Lu-176g
71-Lu-176m1

MAT 7331

(n,n') d

73-Ta-182

Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-182

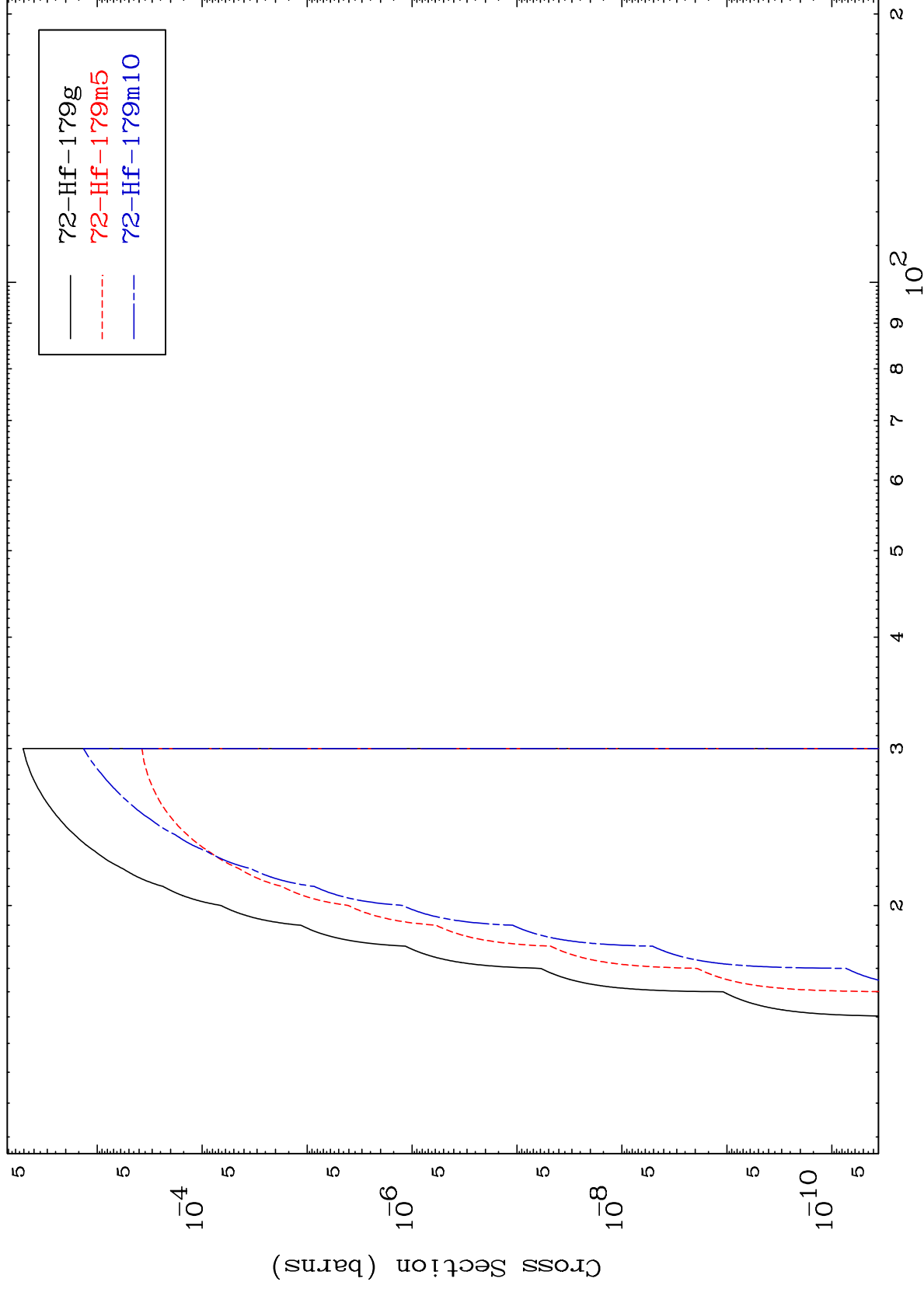
129

MAT 7331

(n,n') t

73-Ta-182

Radionuclide Production Cross Section



130

Incident Energy (MeV)

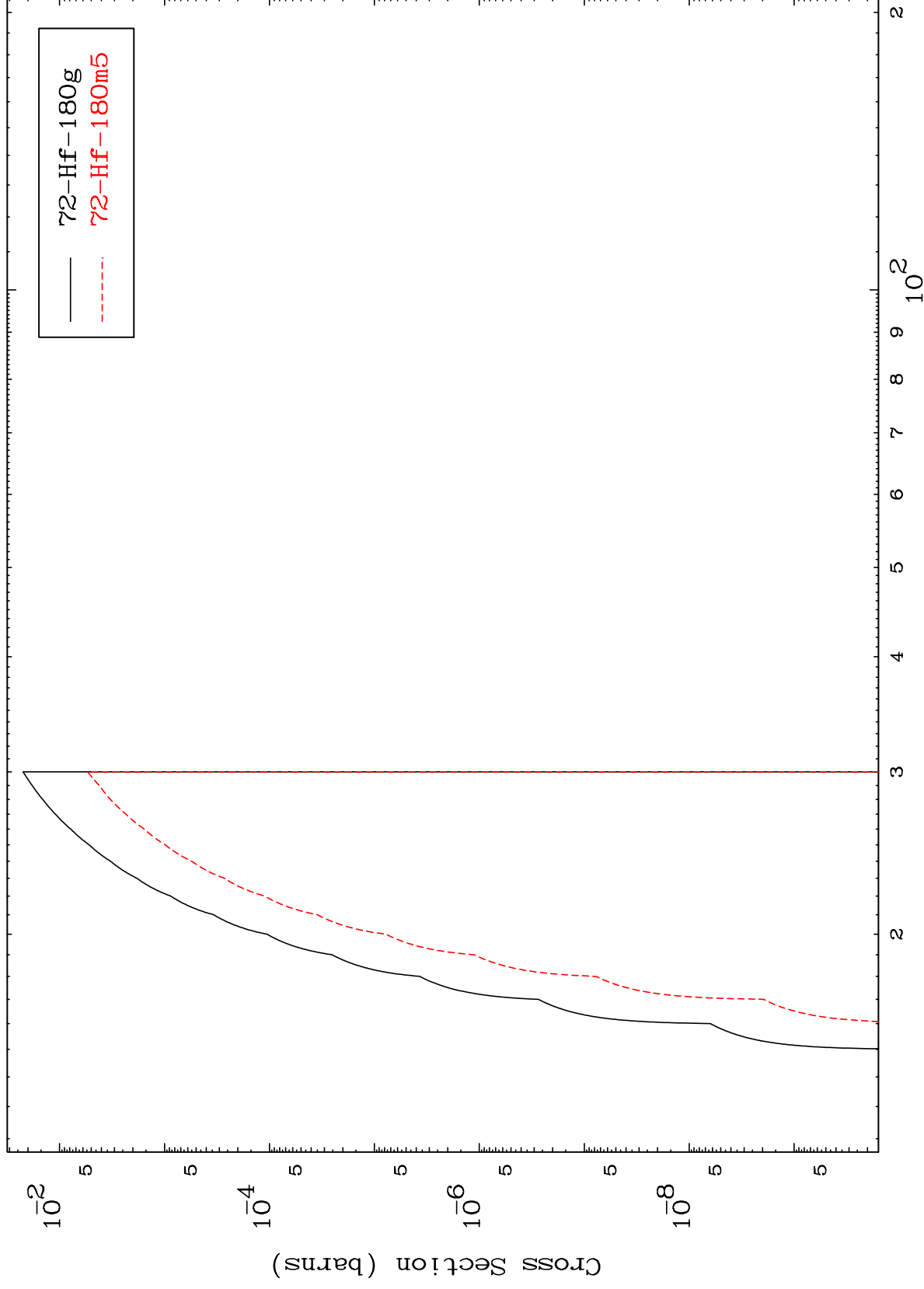
73-Ta-182

MAT 7331

(n,2n) p

⁷³Ta-182

Radionuclide Production Cross Section



131

Incident Energy (MeV)

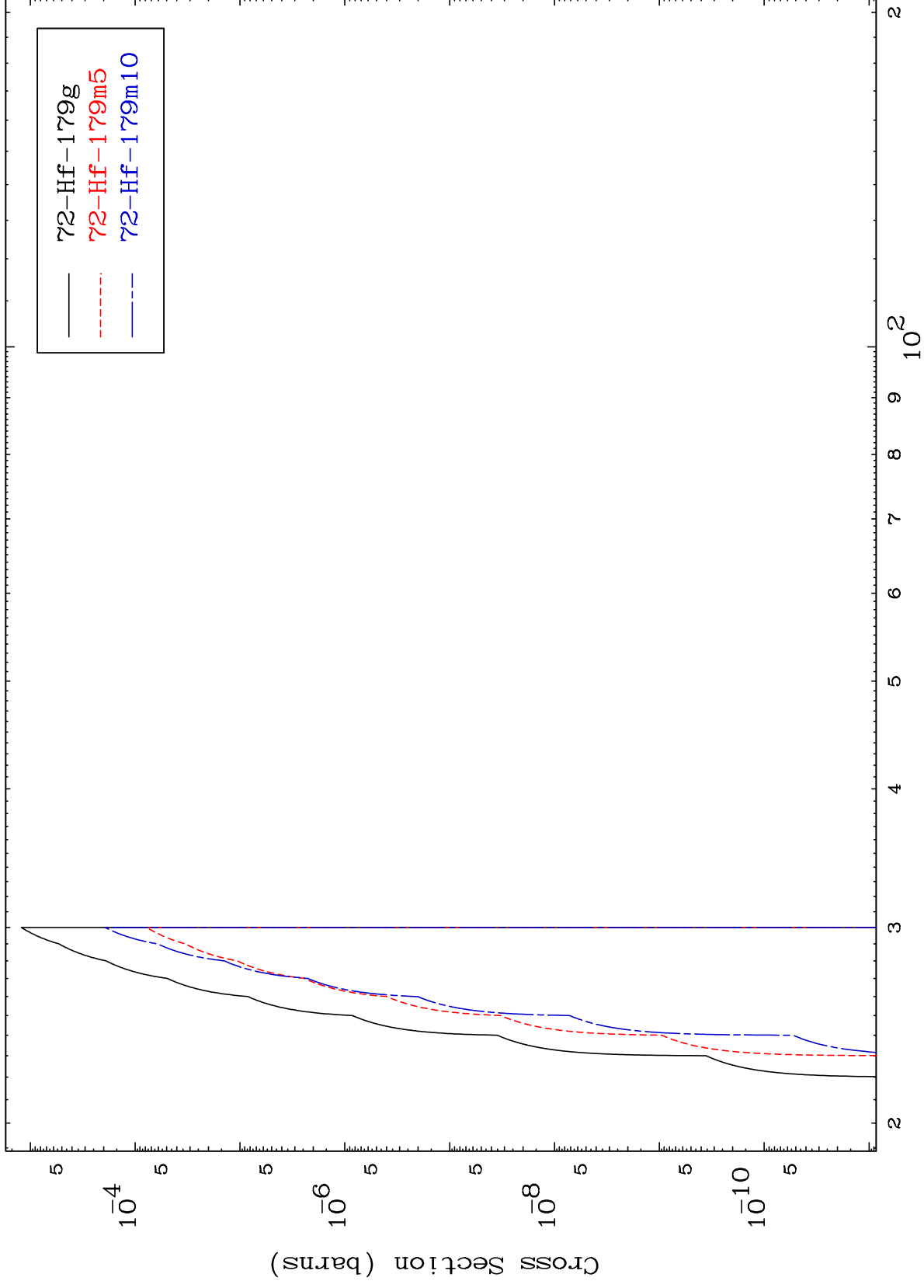
⁷³Ta-182

MAT 7331

(n,3n) p

73-Ta-182

Radionuclide Production Cross Section



132

Incident Energy (MeV)

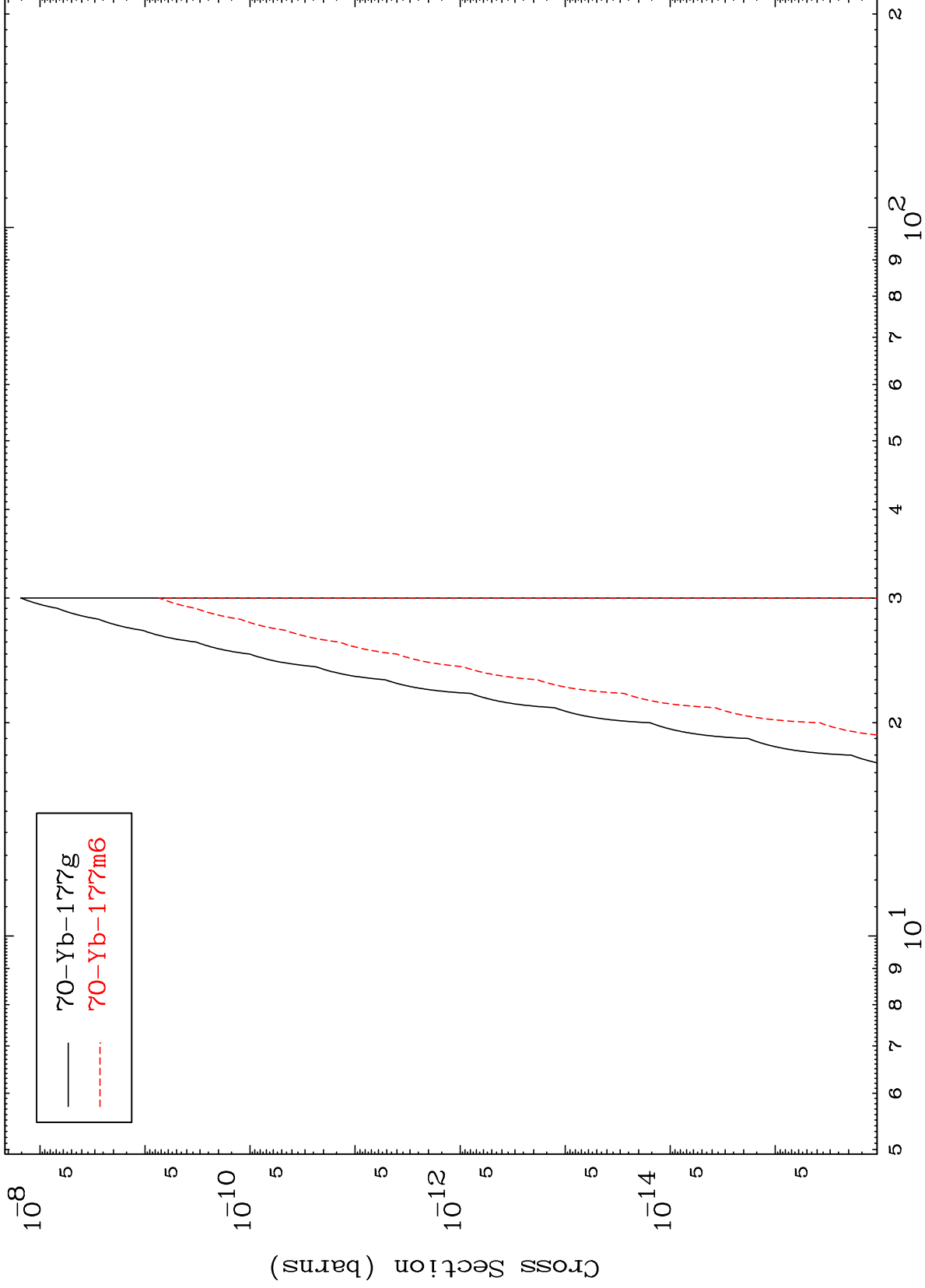
73-Ta-182

MAT 7331

(n,n') p α

⁷³Ta-182

Radionuclide Production Cross Section



133

Incident Energy (MeV)

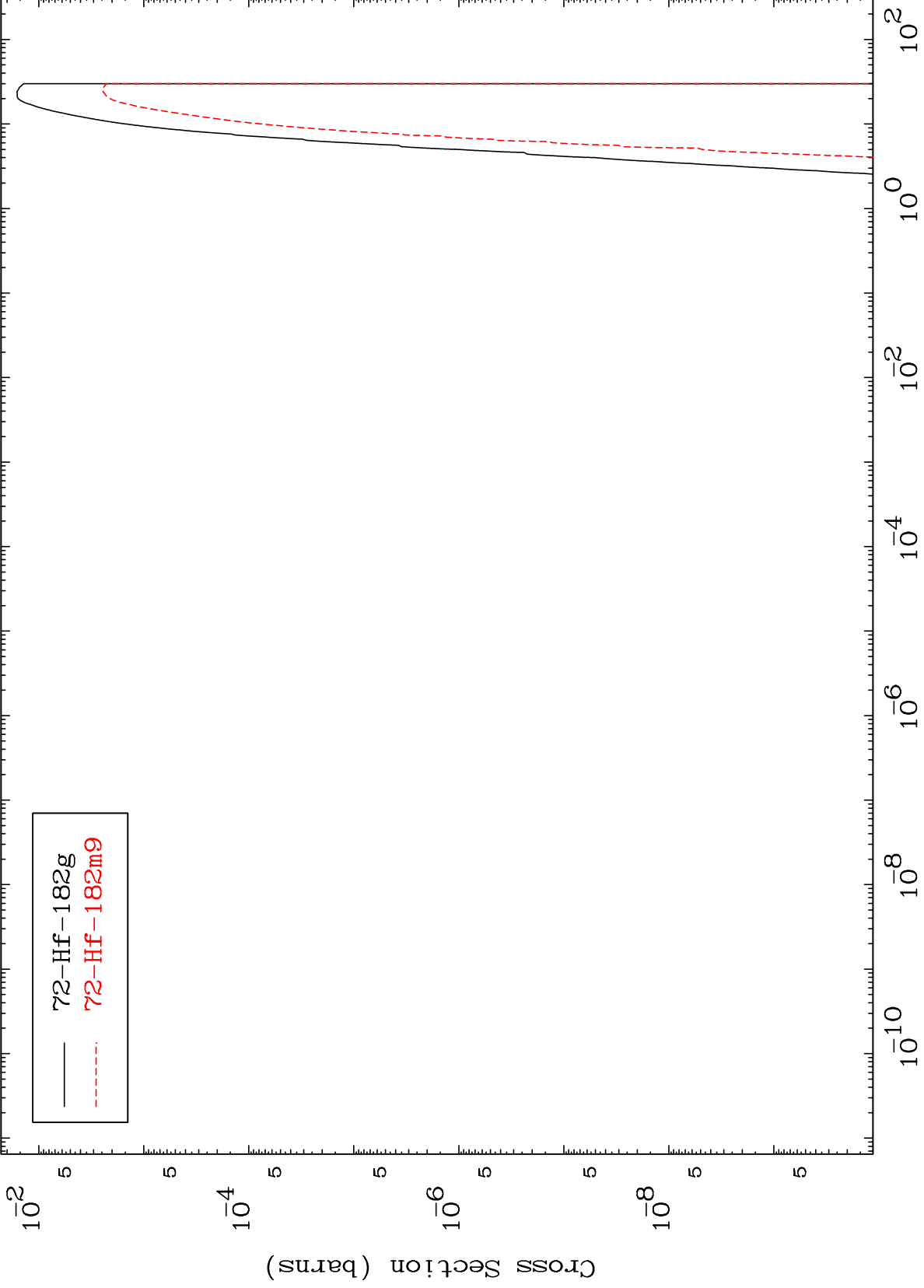
⁷³Ta-182

MAT 7331

(n,p)

⁷³Ta-182

Radionuclide Production Cross Section

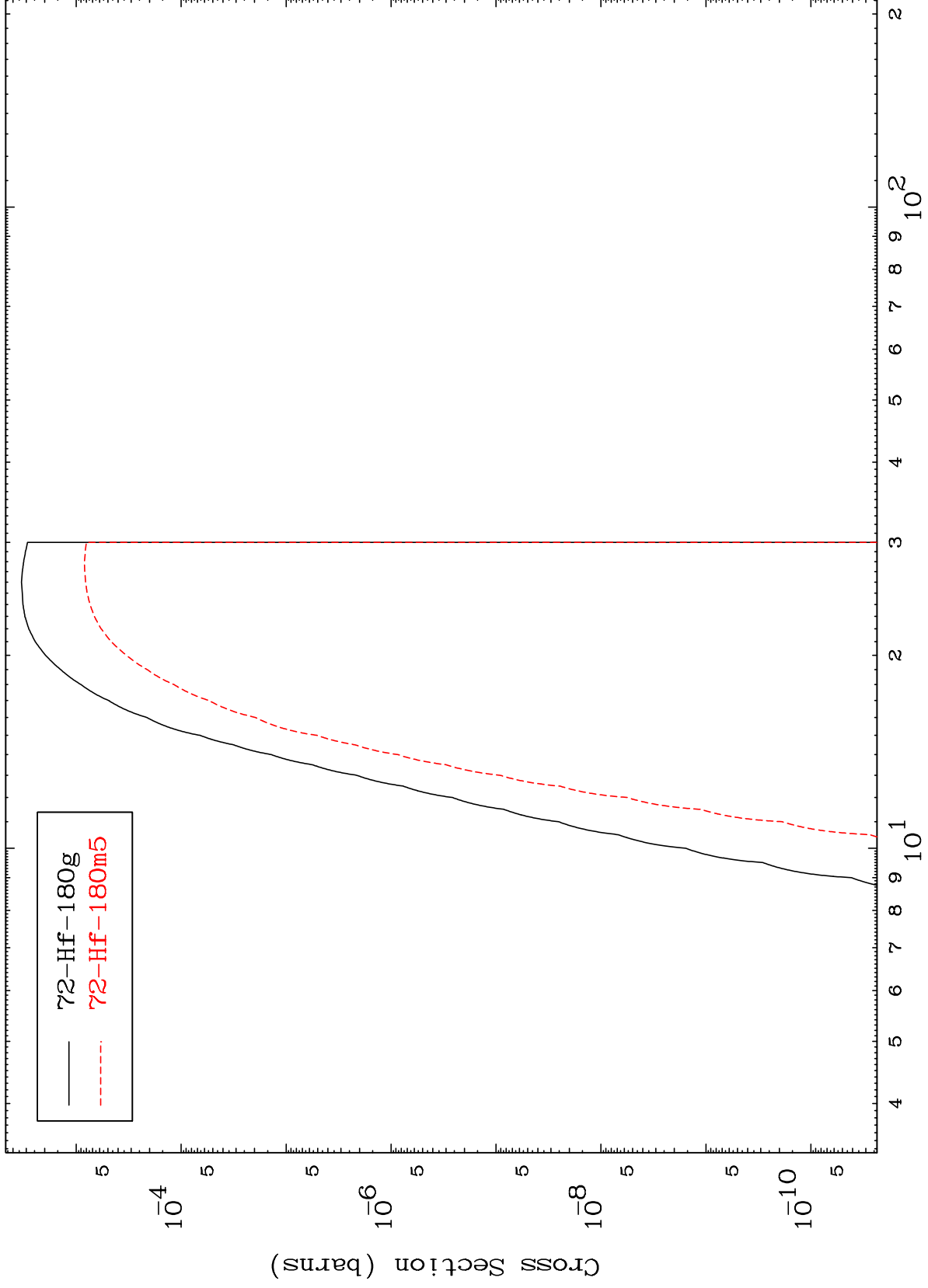


— 72-Hf-182g
- - - 72-Hf-182m9

MAT 7331

73-Ta-182

(n, t)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

73-Ta-182