

Program EVALPLOT
(Version 2021-1)

by

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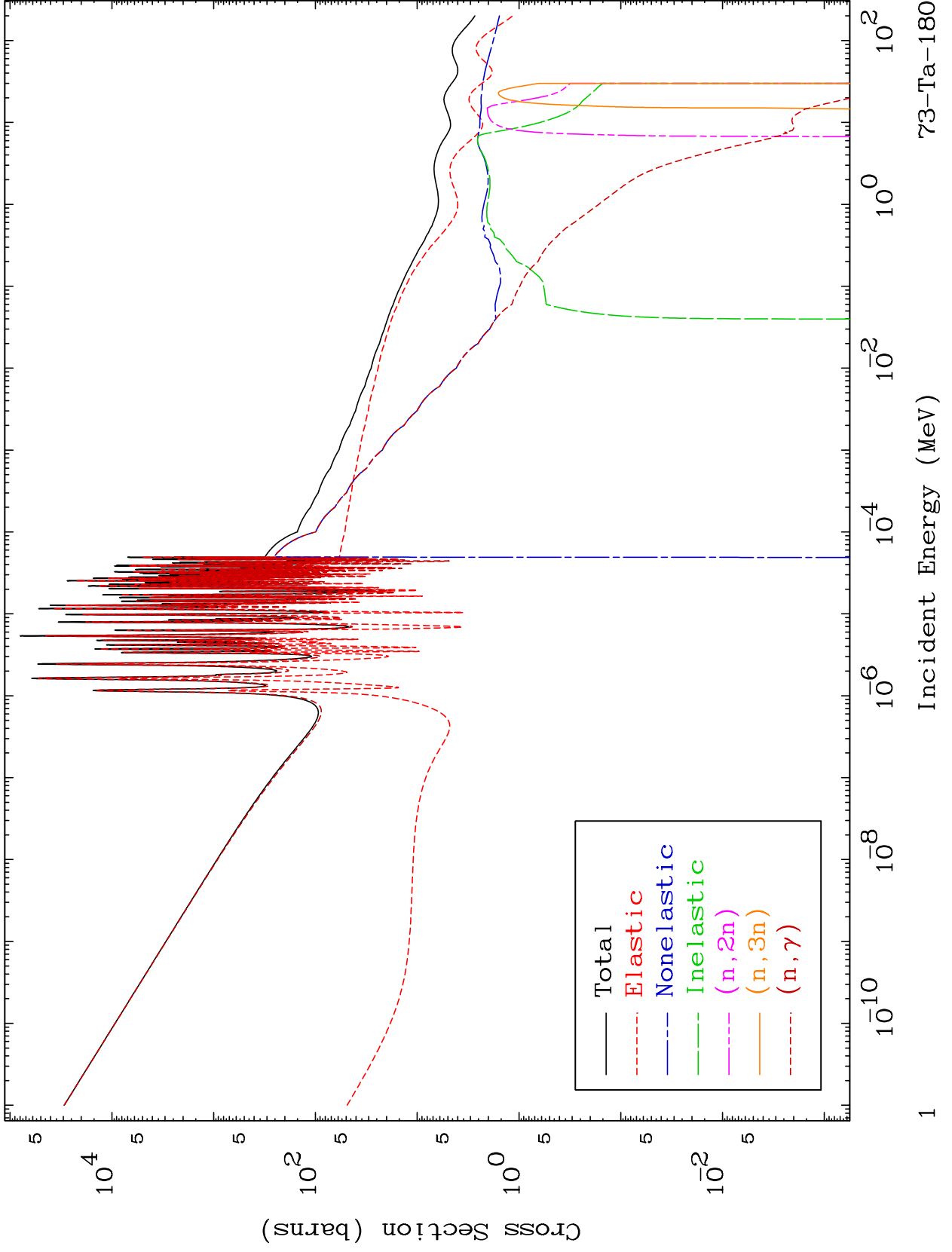
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Press Mouse Button to Start

MAT 7325

Neutron Major
293 Kelvin Cross Sections

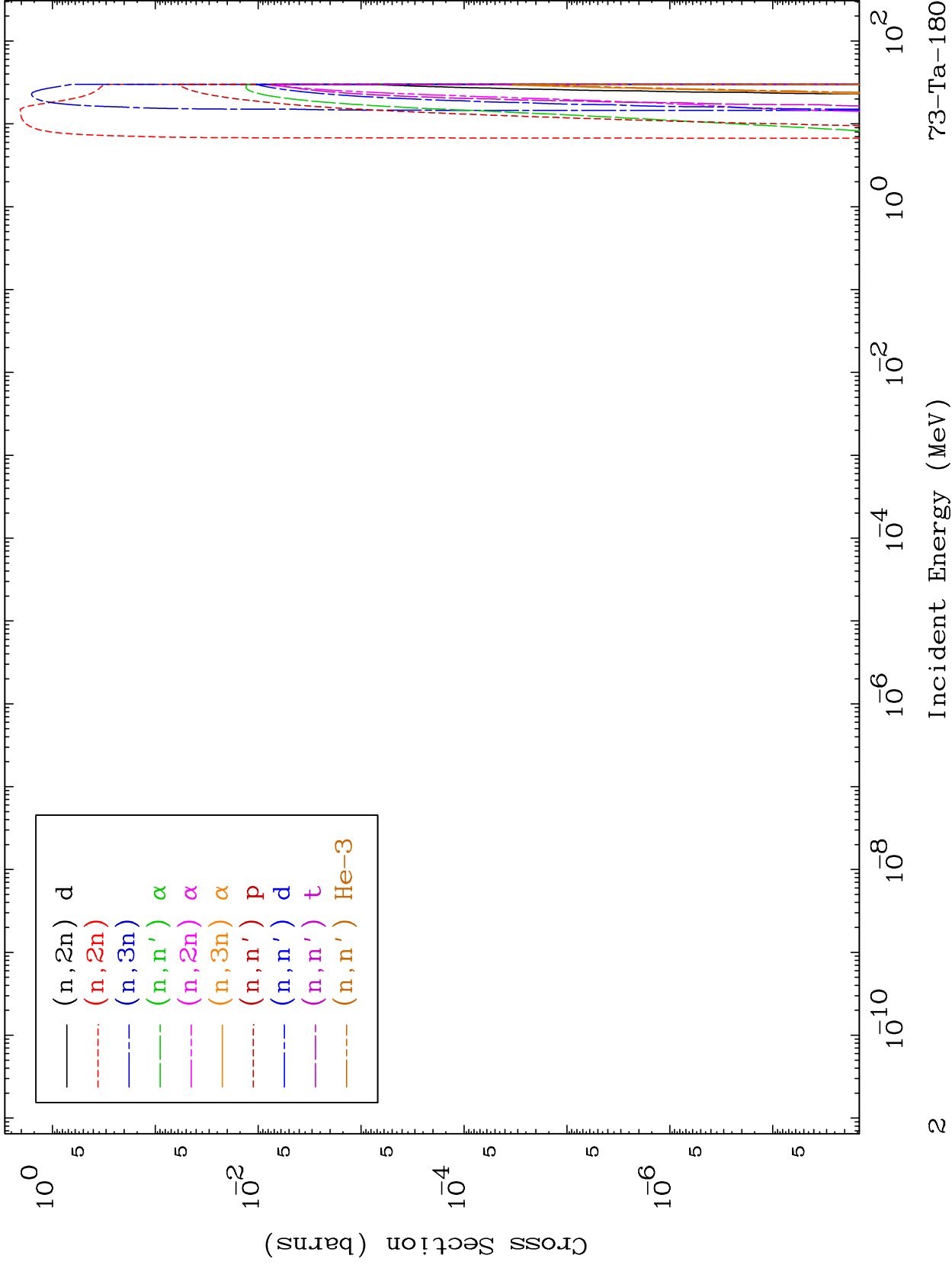
73-Ta-180



MAT 7325

Neutron Absorption
293 Kelvin Cross Sections

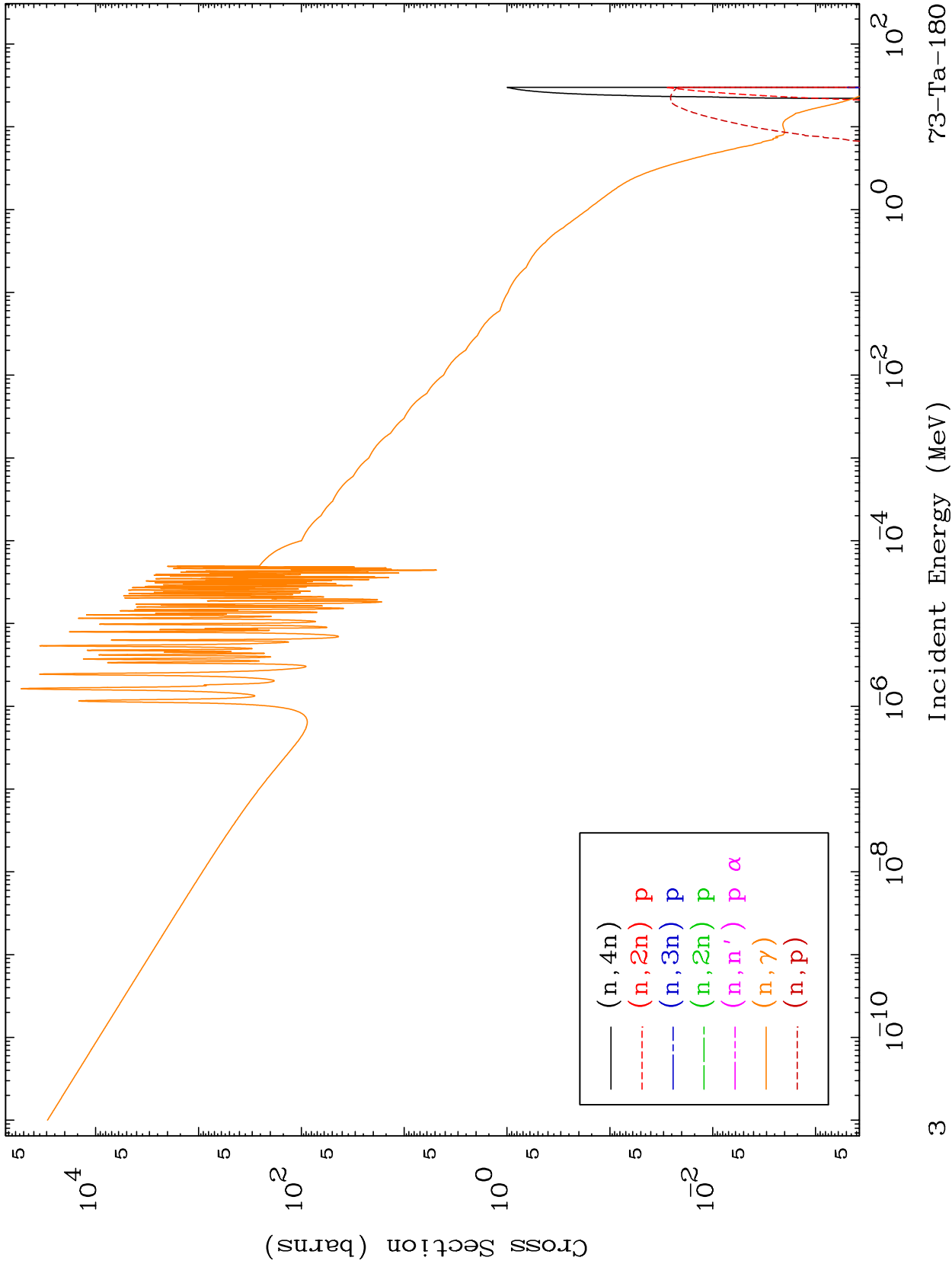
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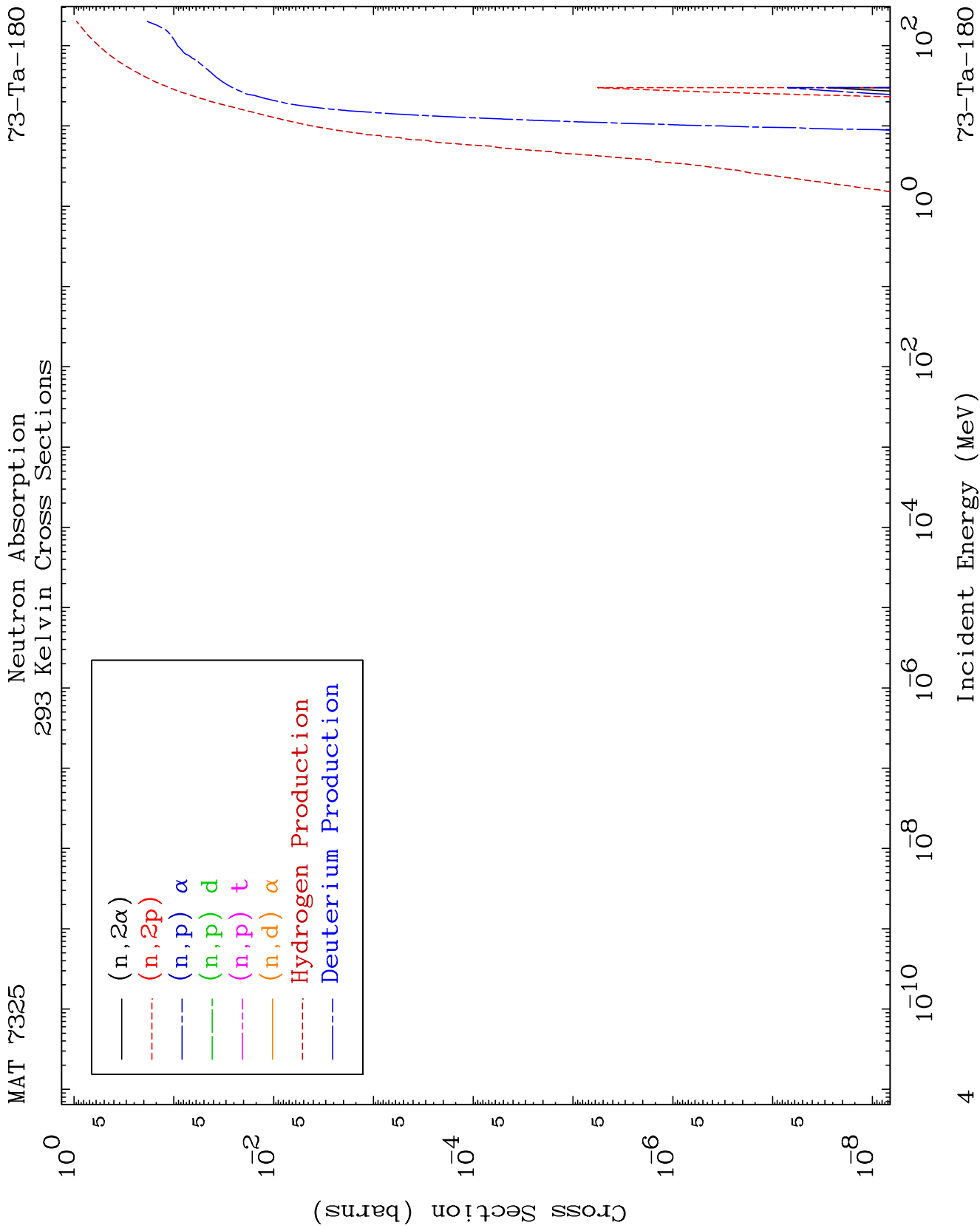


MAT 7325

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-180

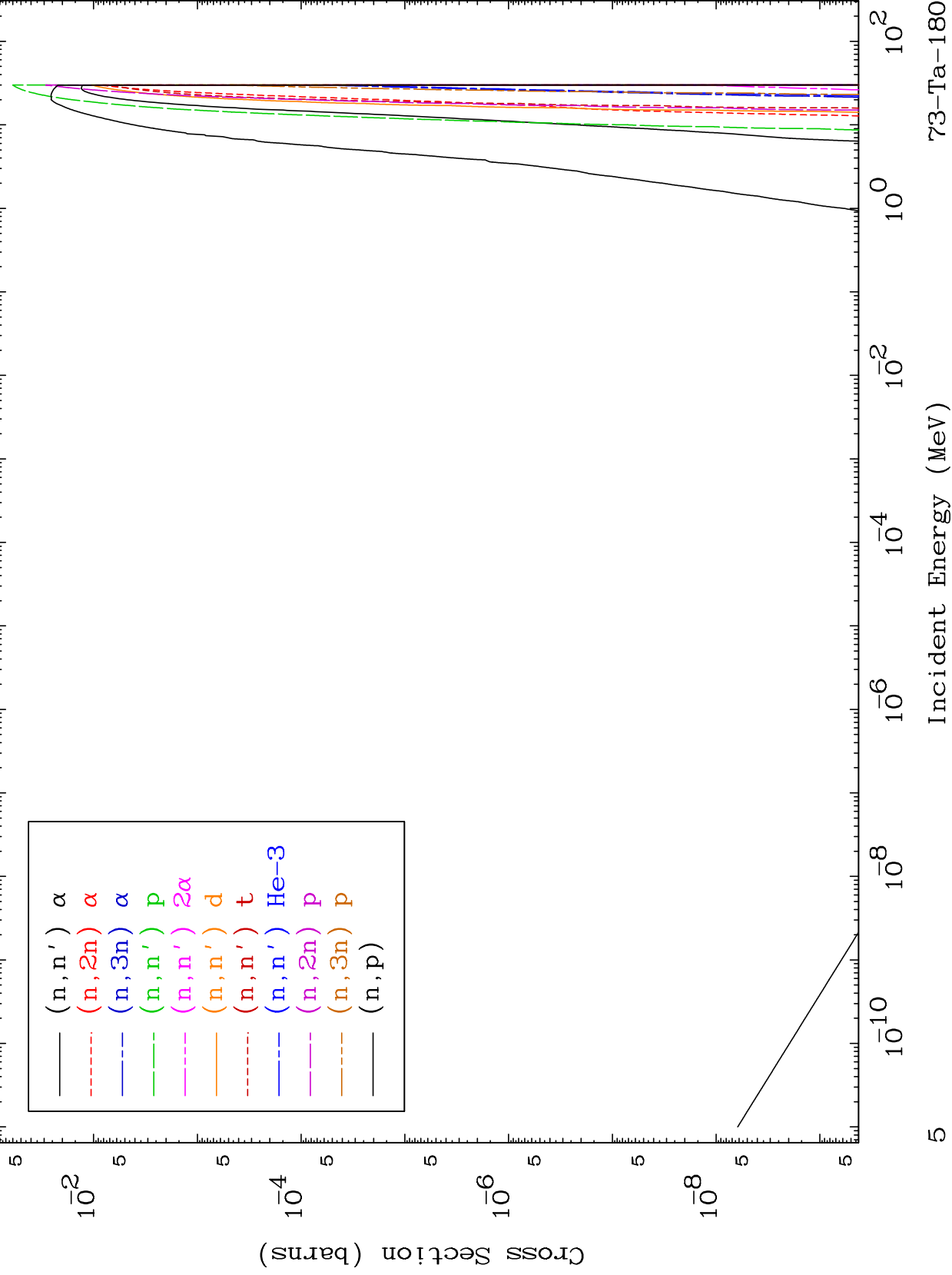




MAT 7325

Charged Particle
293 Kelvin Cross Sections

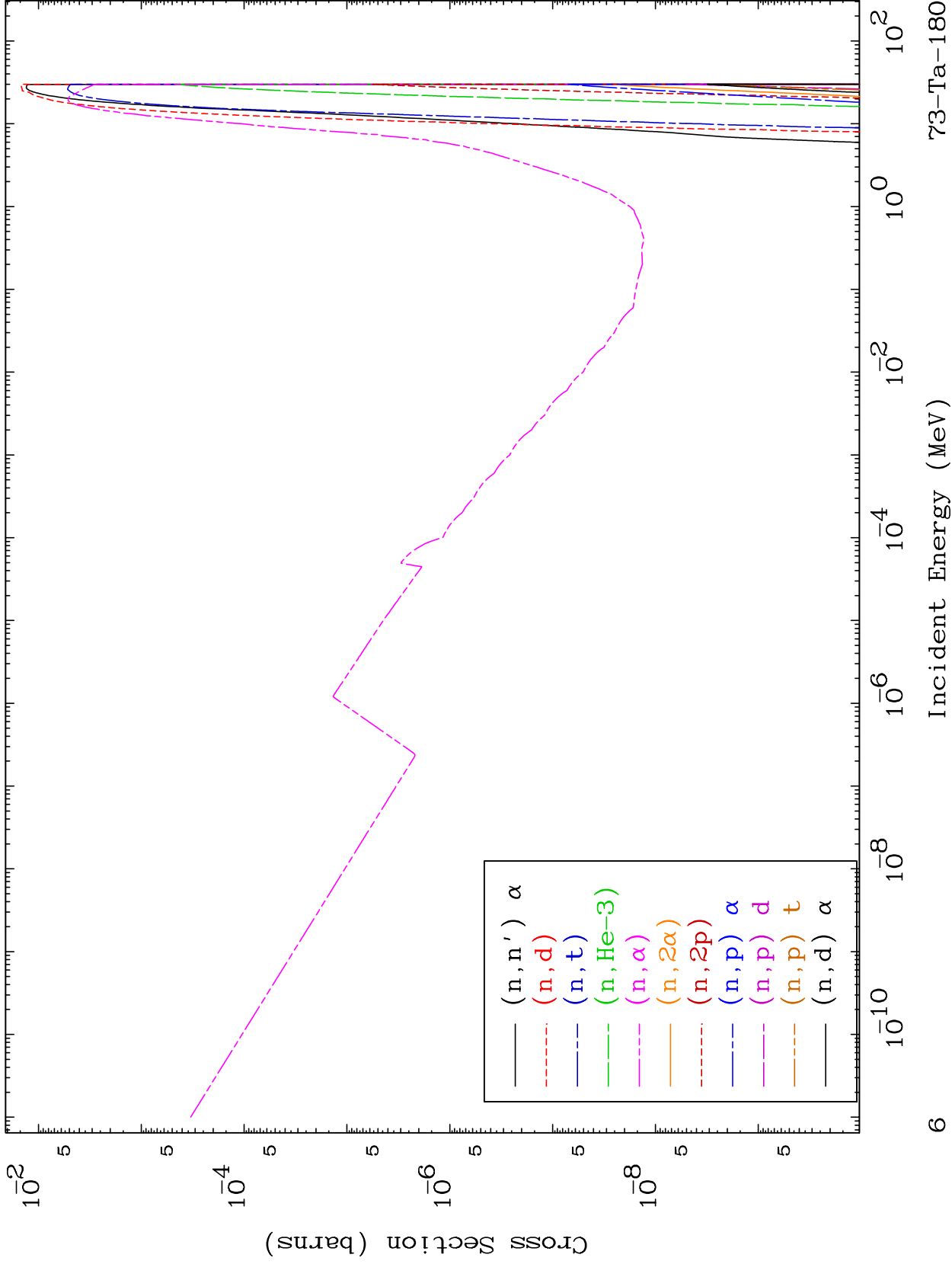
73-Ta-180



MAT 7325

Charged Particle
293 Kelvin Cross Sections

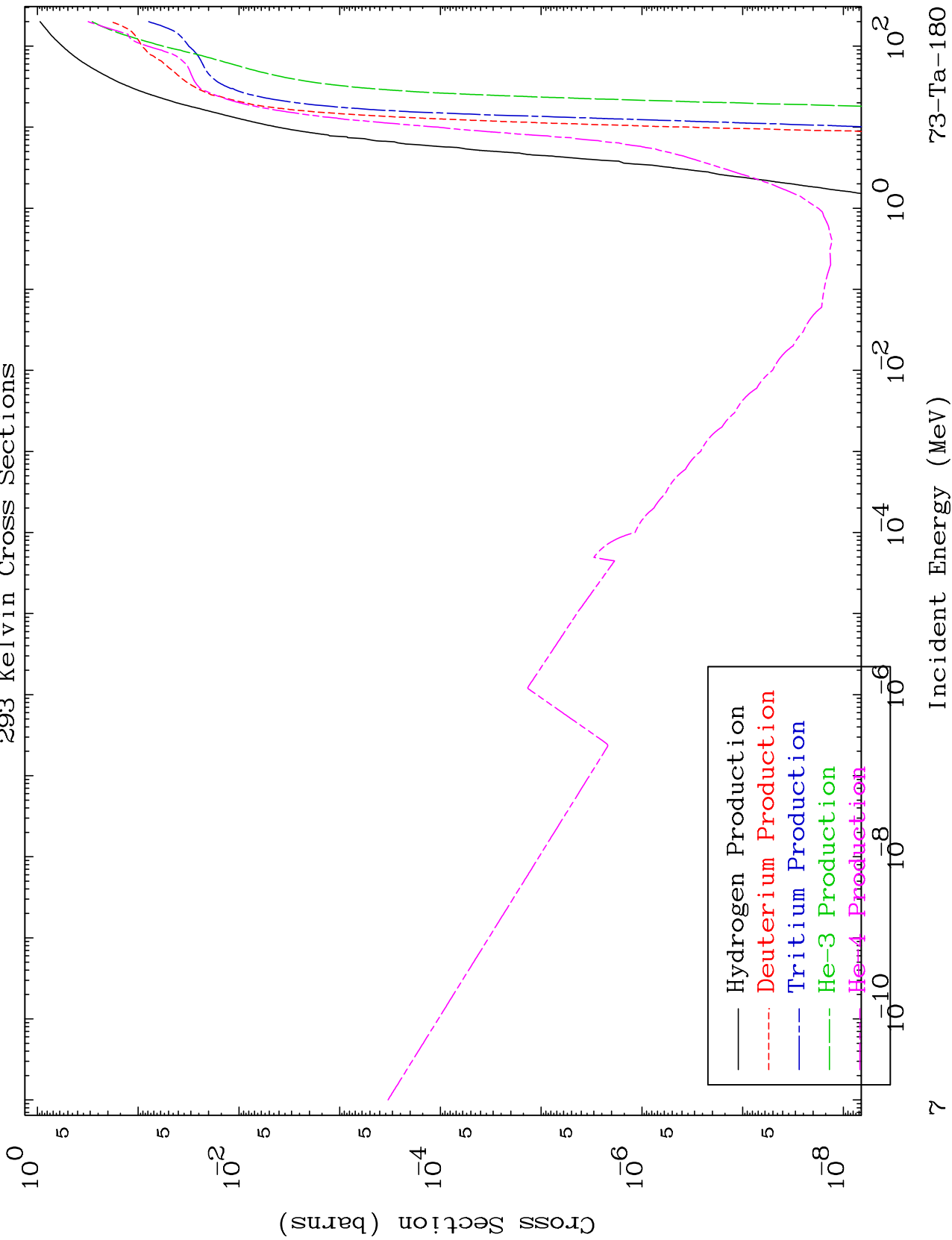
73-Ta-180



MAT 7325

Particle Production
293 Kelvin Cross Sections

73-Ta-180

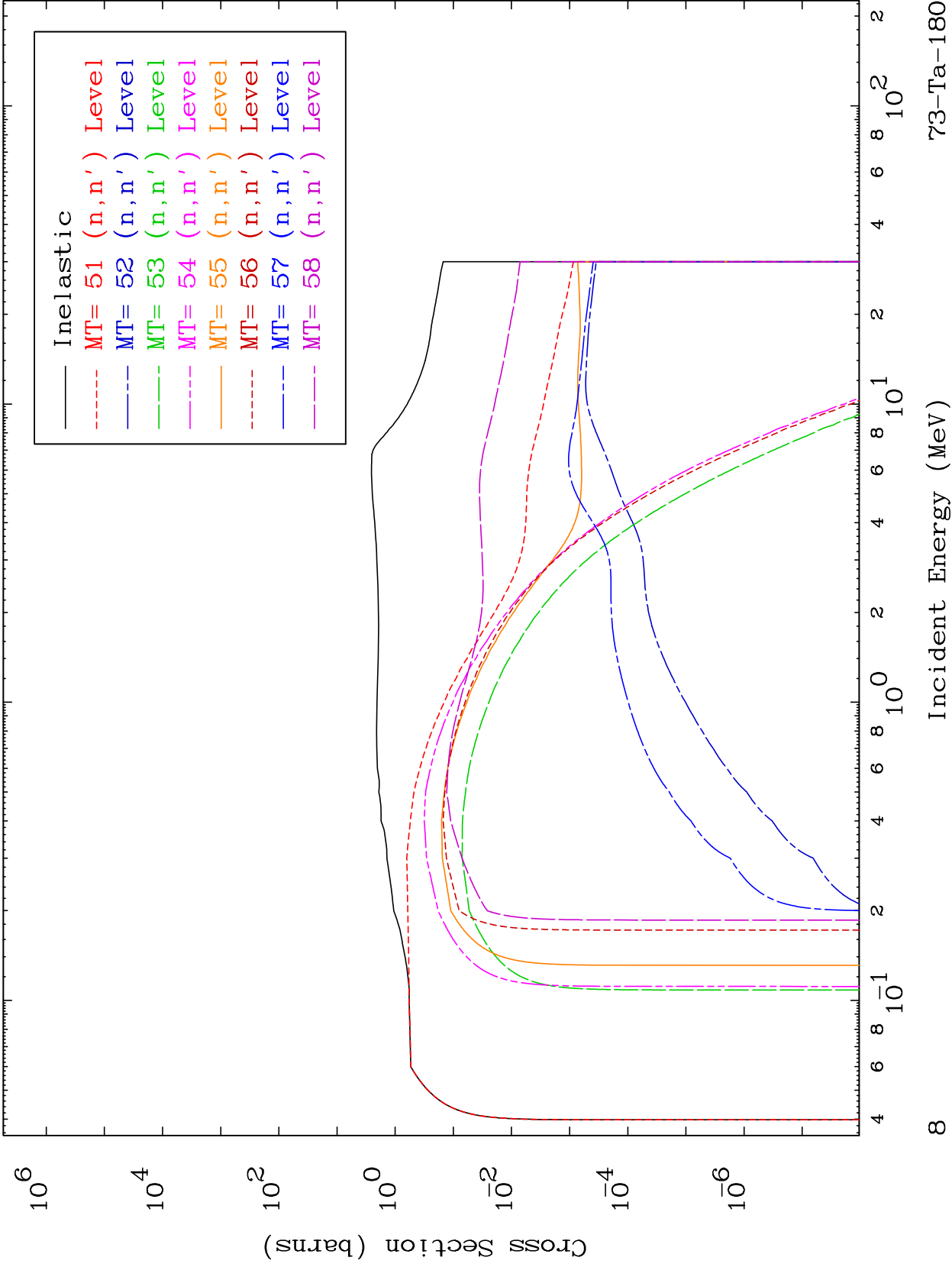


MAT 7325

(n,n') Levels

293 Kelvin Cross Sections

73-Ta-180

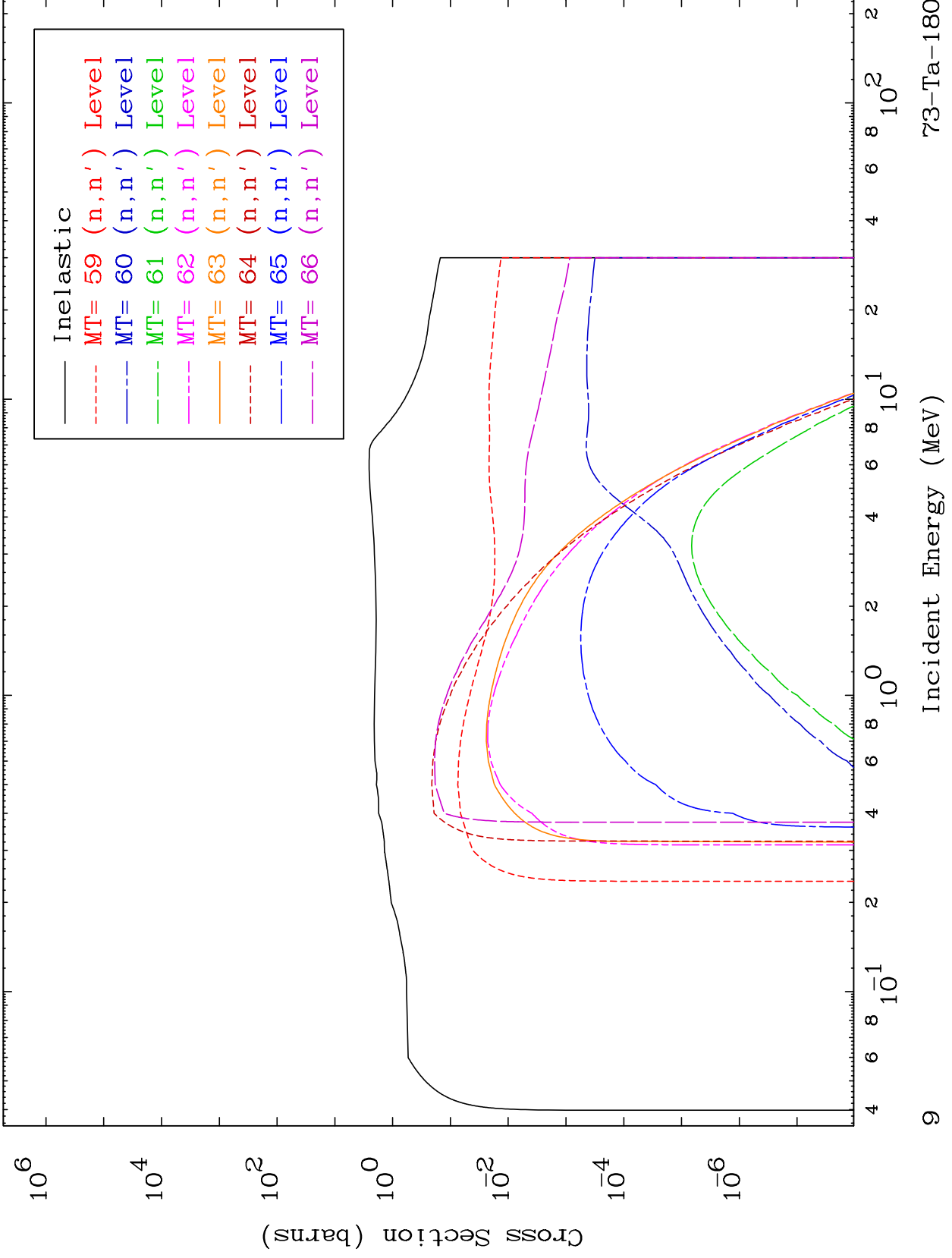


MAT 7325

(n,n') Levels

73-Ta-180

293 Kelvin Cross Sections

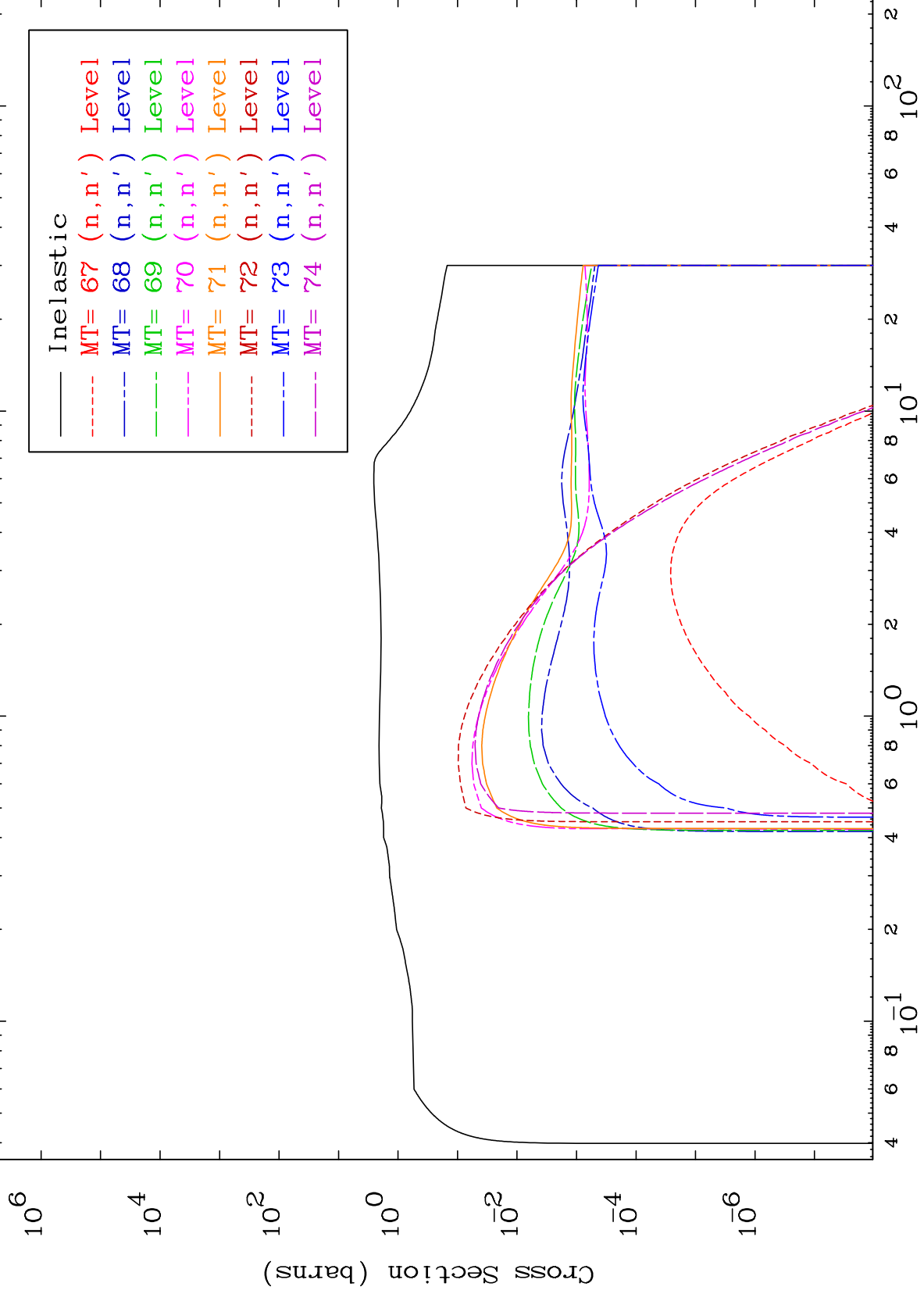


MAT 7325

(n,n') Levels

73-Ta-180

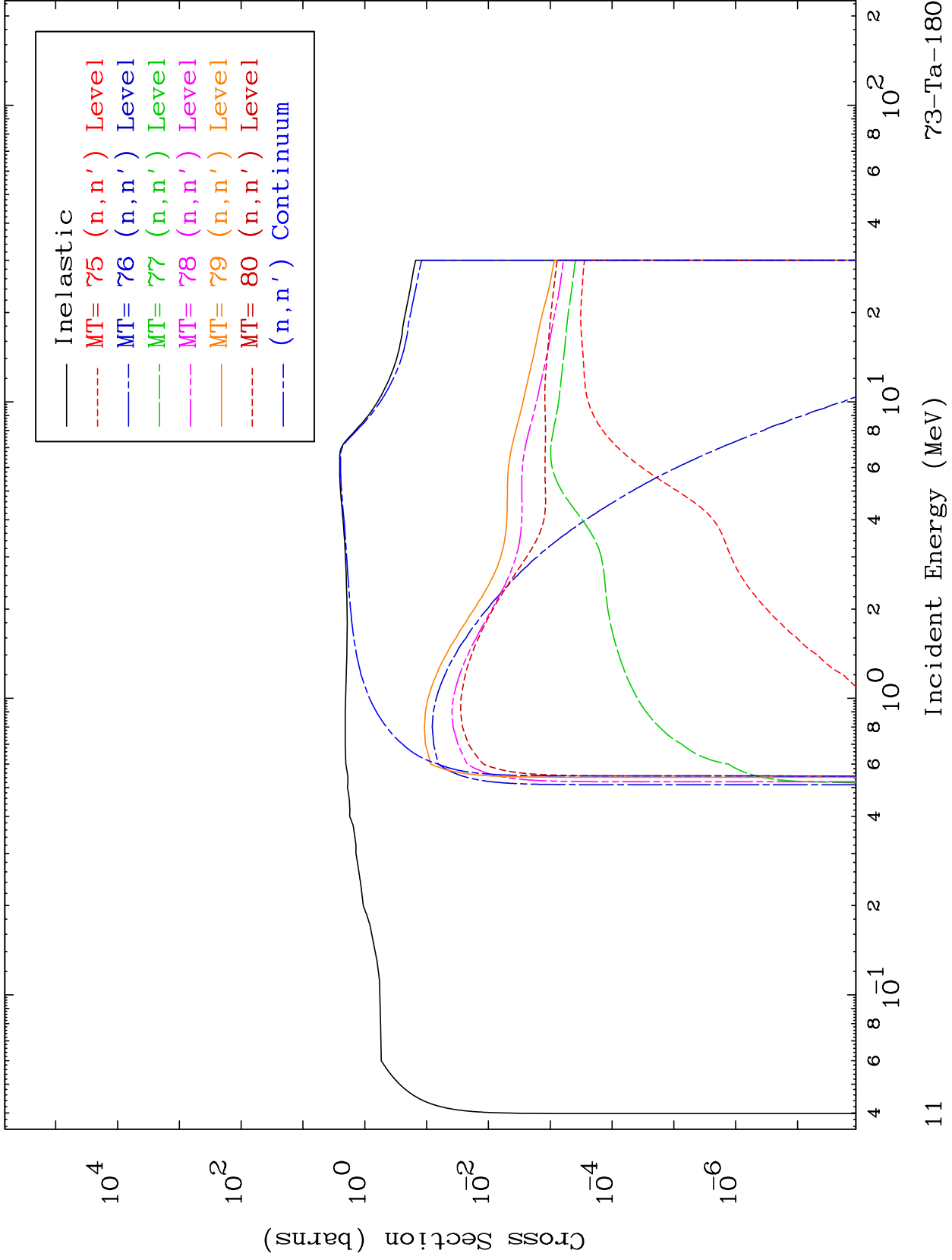
293 Kelvin Cross Sections



10

Incident Energy (MeV)

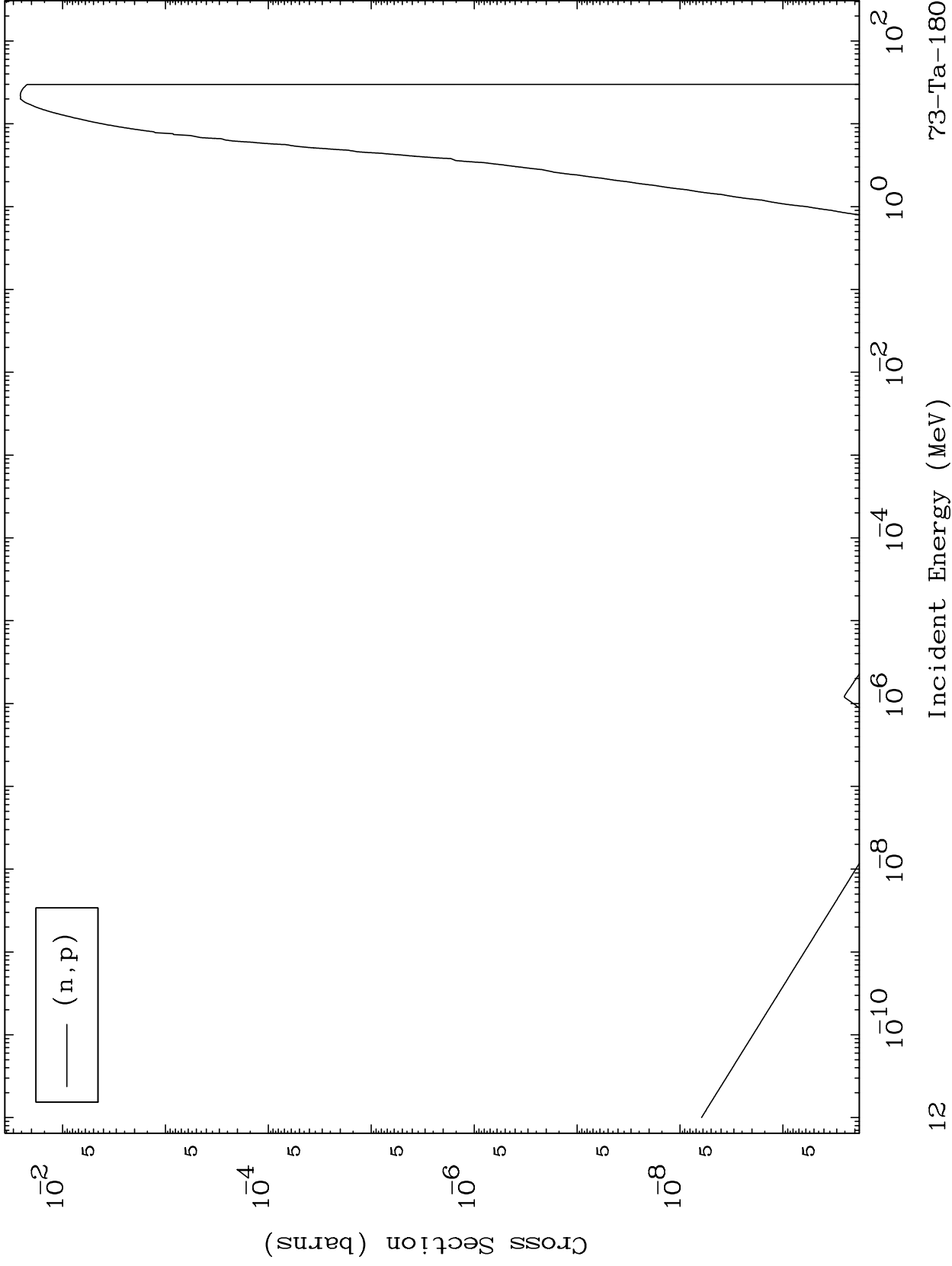
73-Ta-180



MAT 7325

(n,p) Levels
293 Kelvin Cross Sections

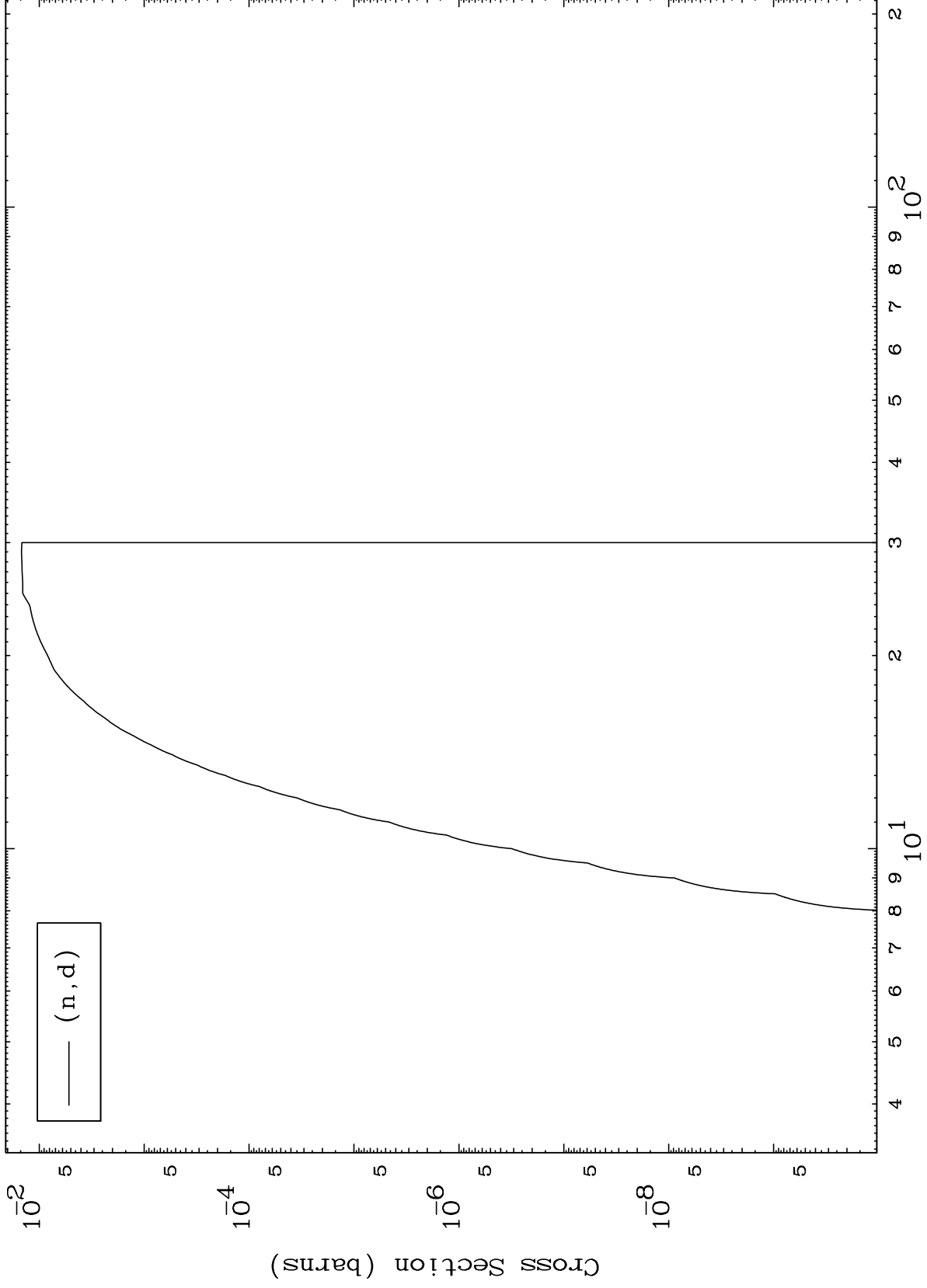
73-Ta-180



MAT 7325

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-180



13

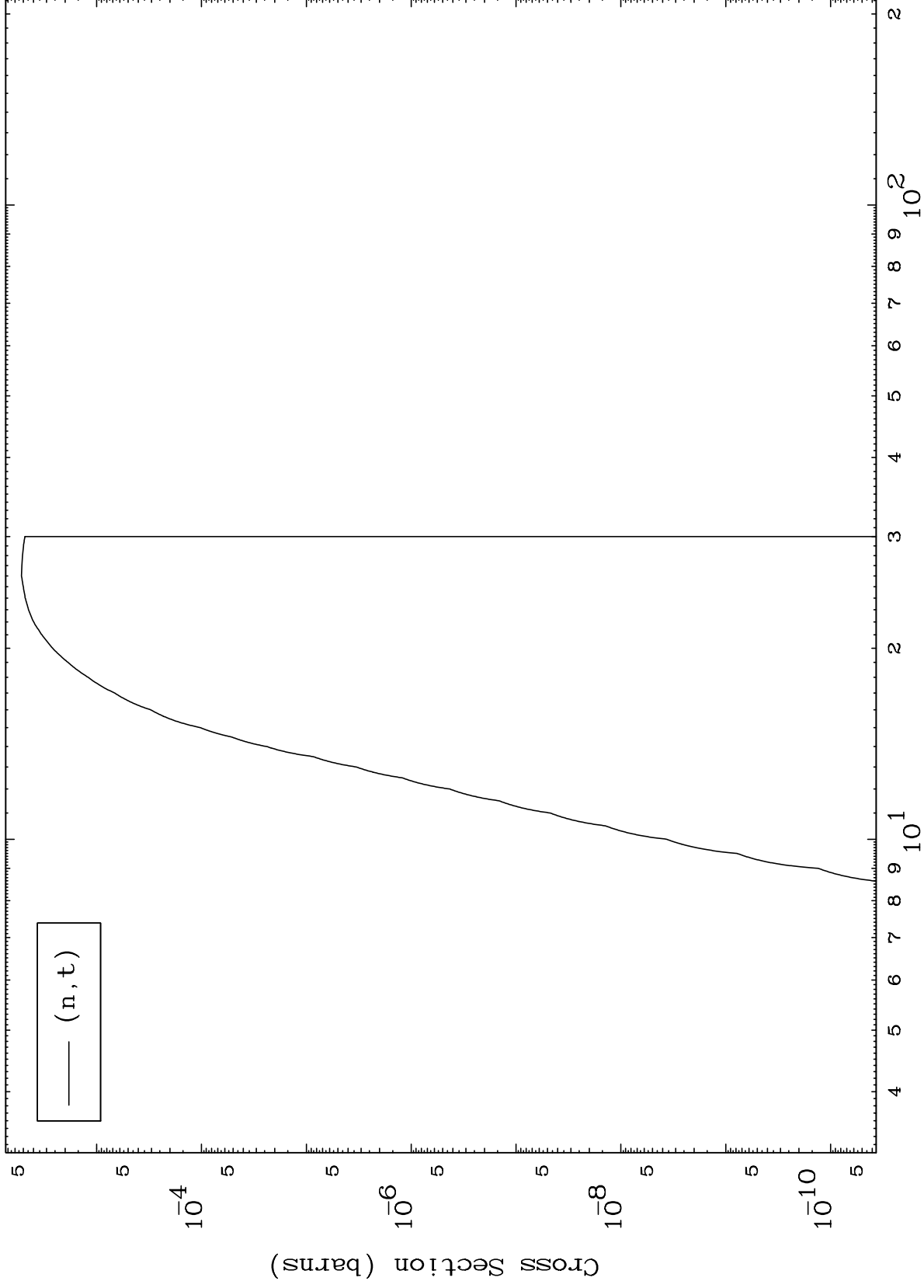
Incident Energy (MeV)

73-Ta-180

MAT 7325

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-180



14

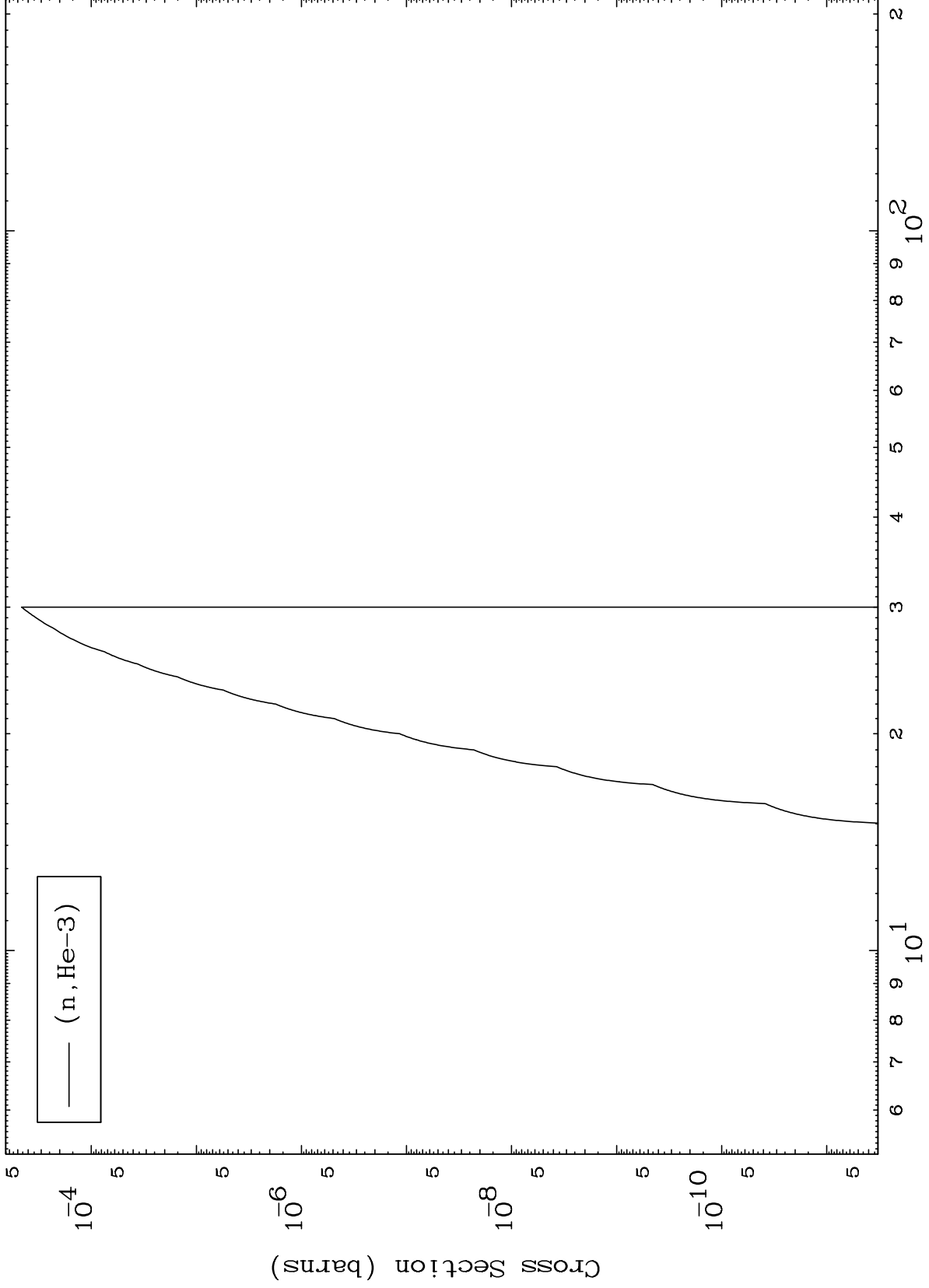
Incident Energy (MeV)

73-Ta-180

MAT 7325

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-180



15

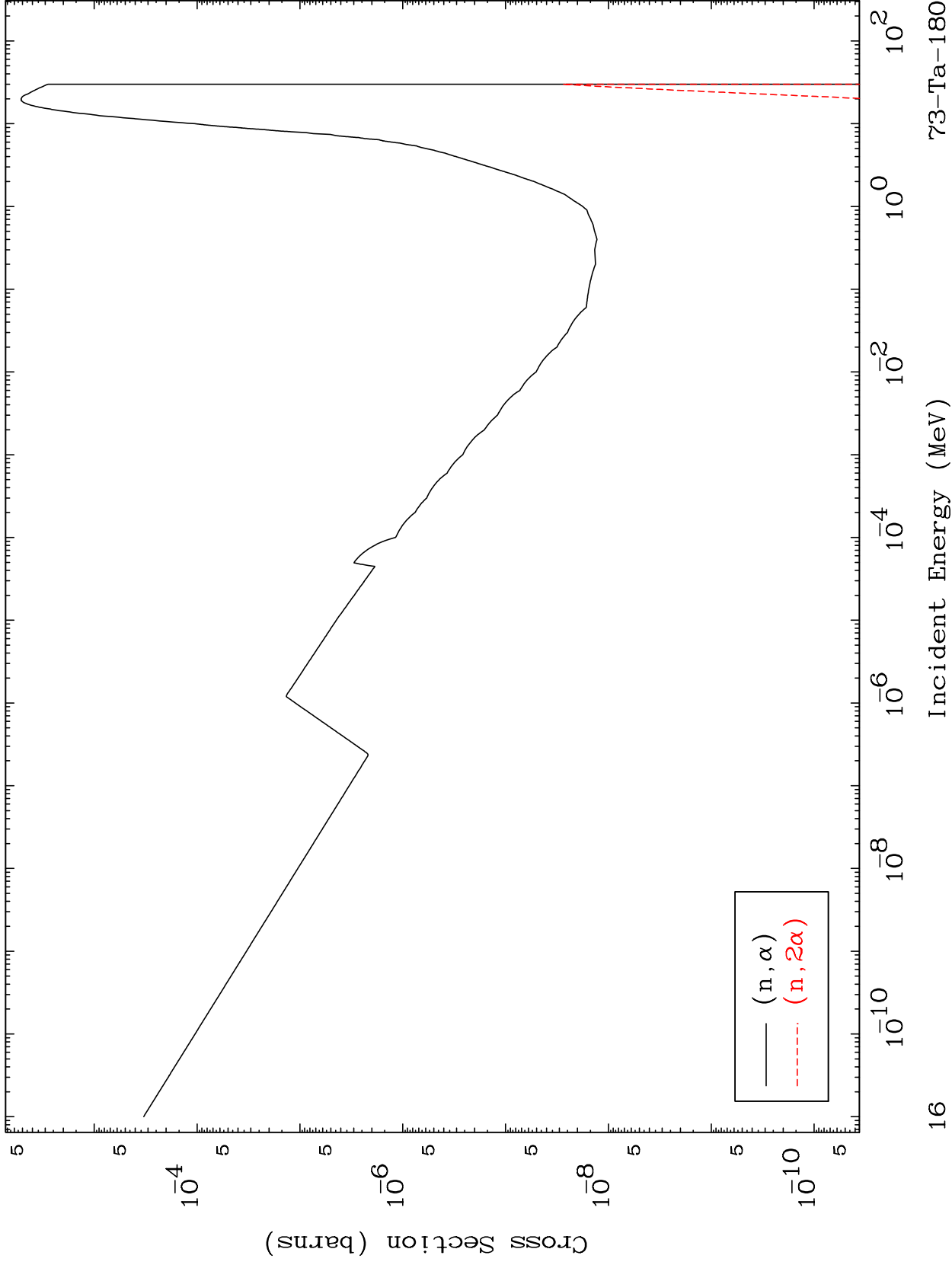
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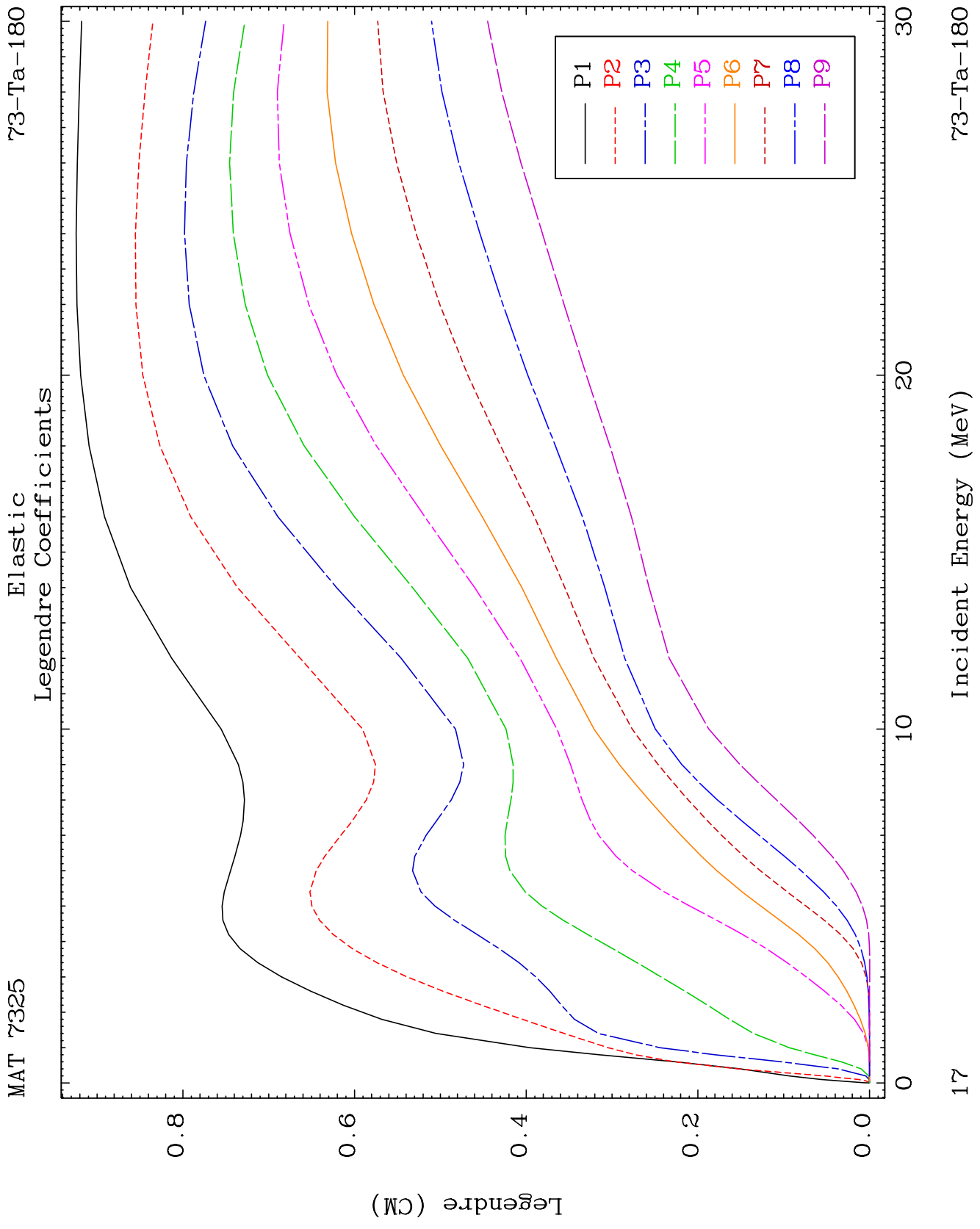
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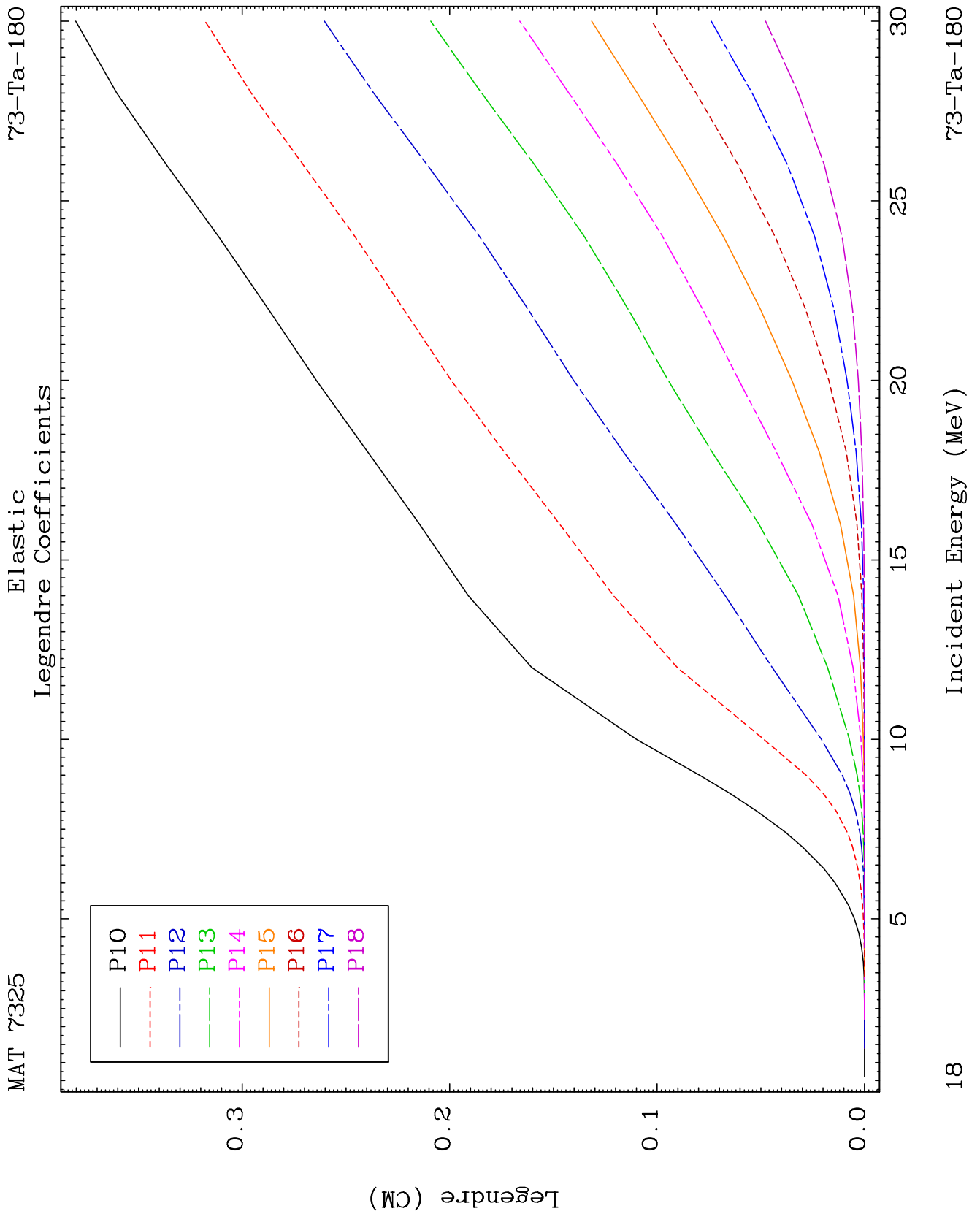
MAT 7325

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-180



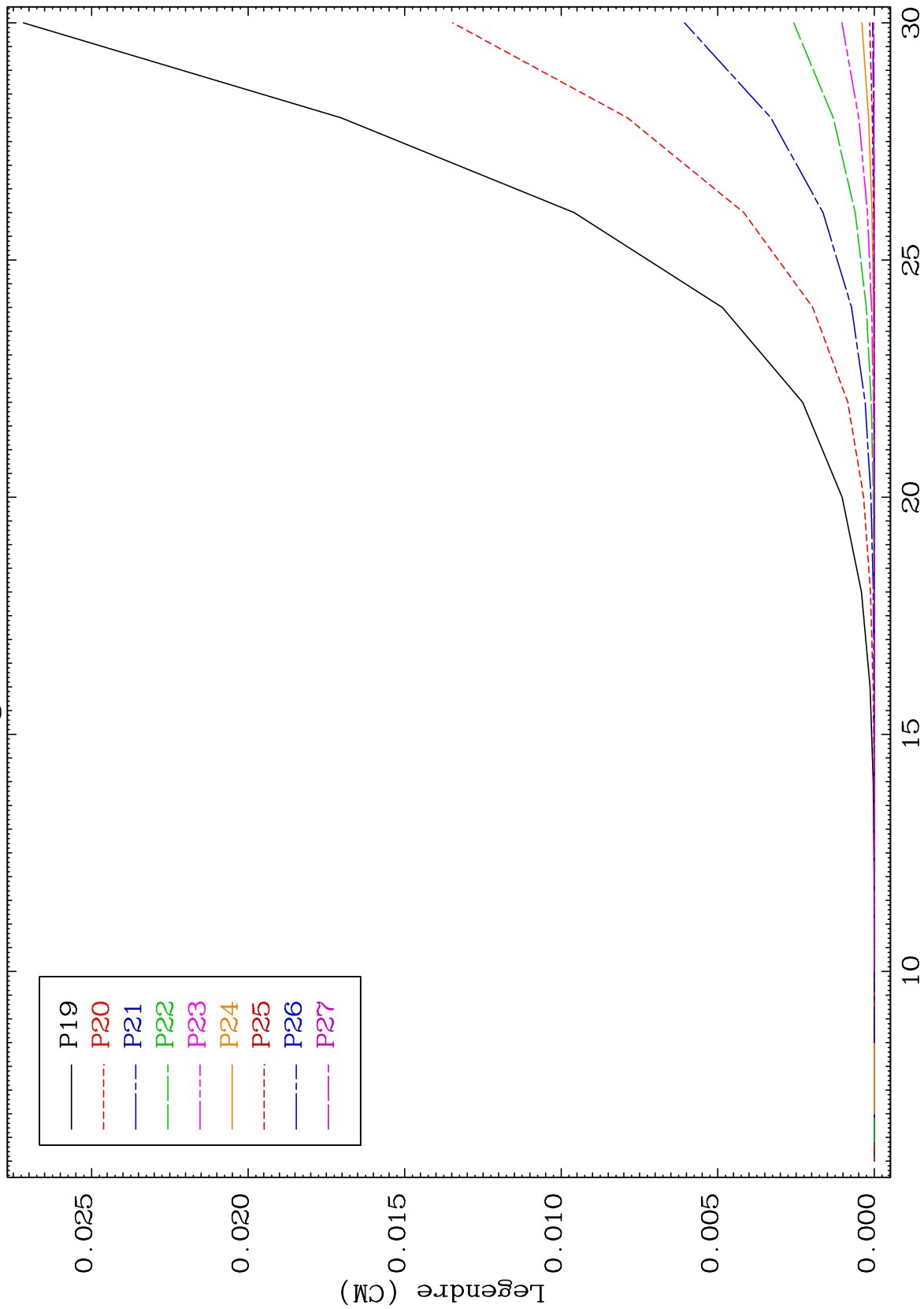




MAT 7325

Elastic
Legendre Coefficients

73-Ta-180



19

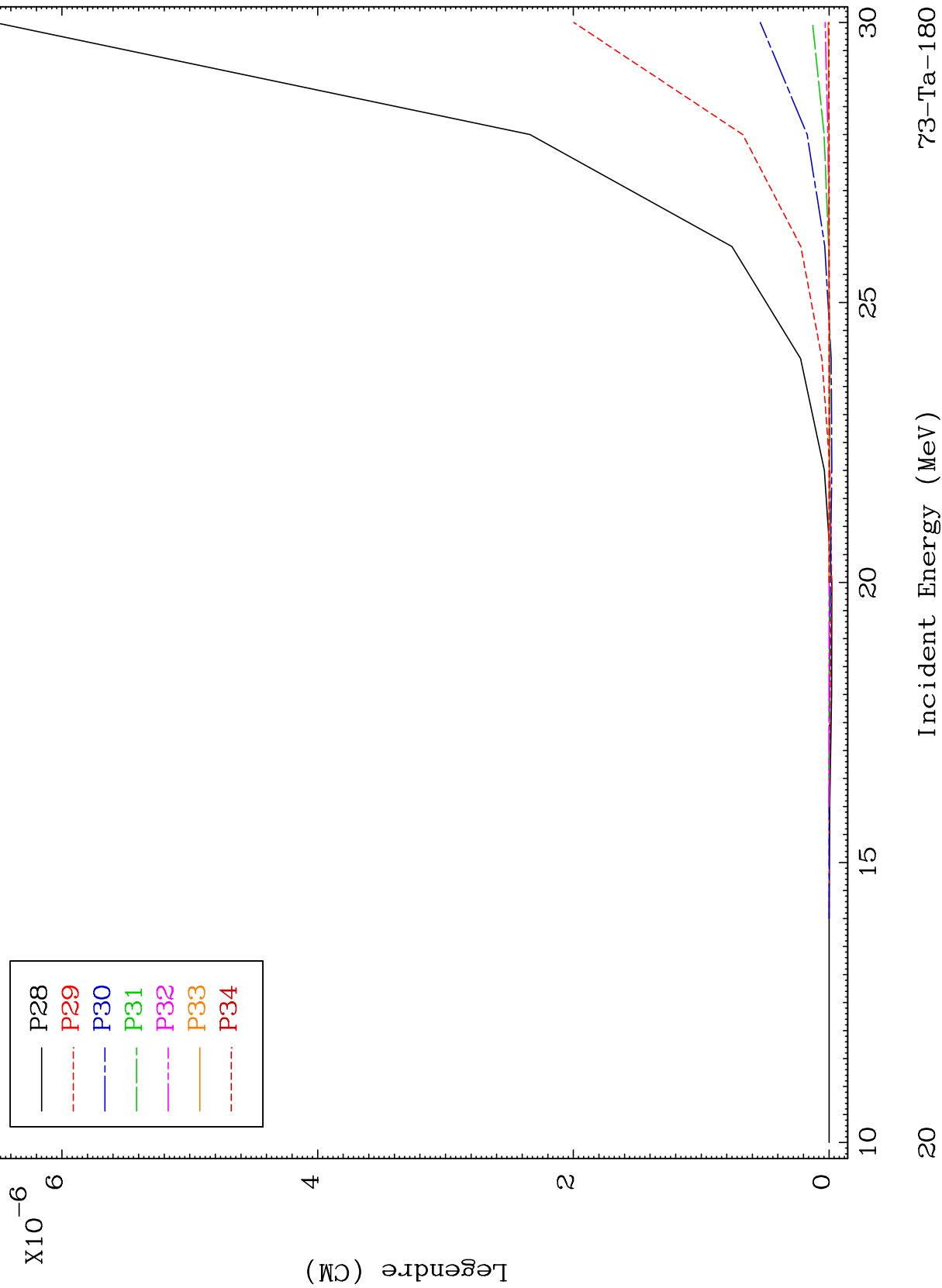
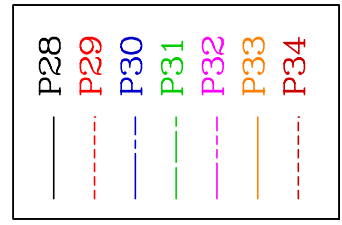
Incident Energy (MeV)

73-Ta-180

MAT 7325

Elastic Legendre Coefficients

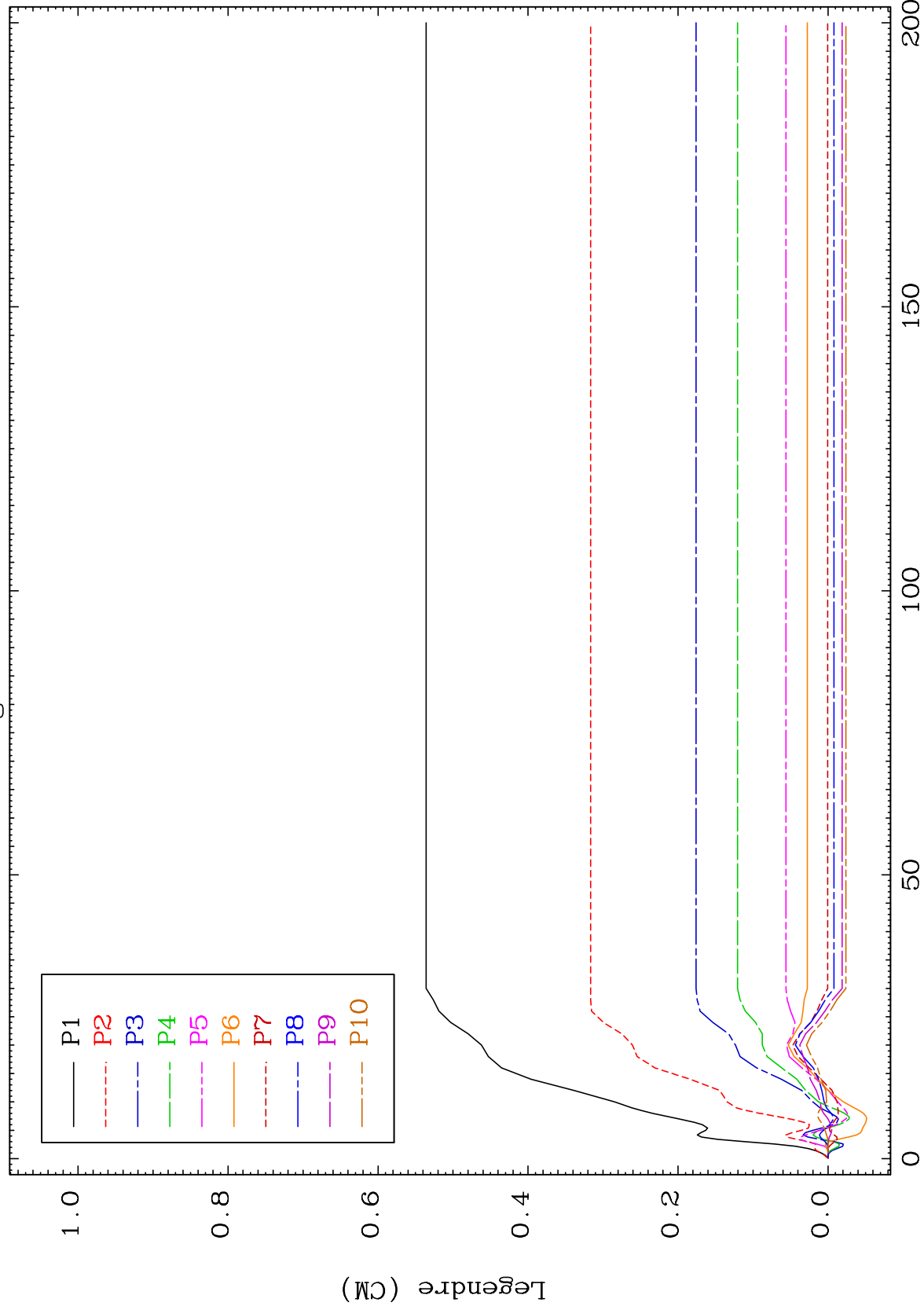
⁷³Ta-180



MAT 7325

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

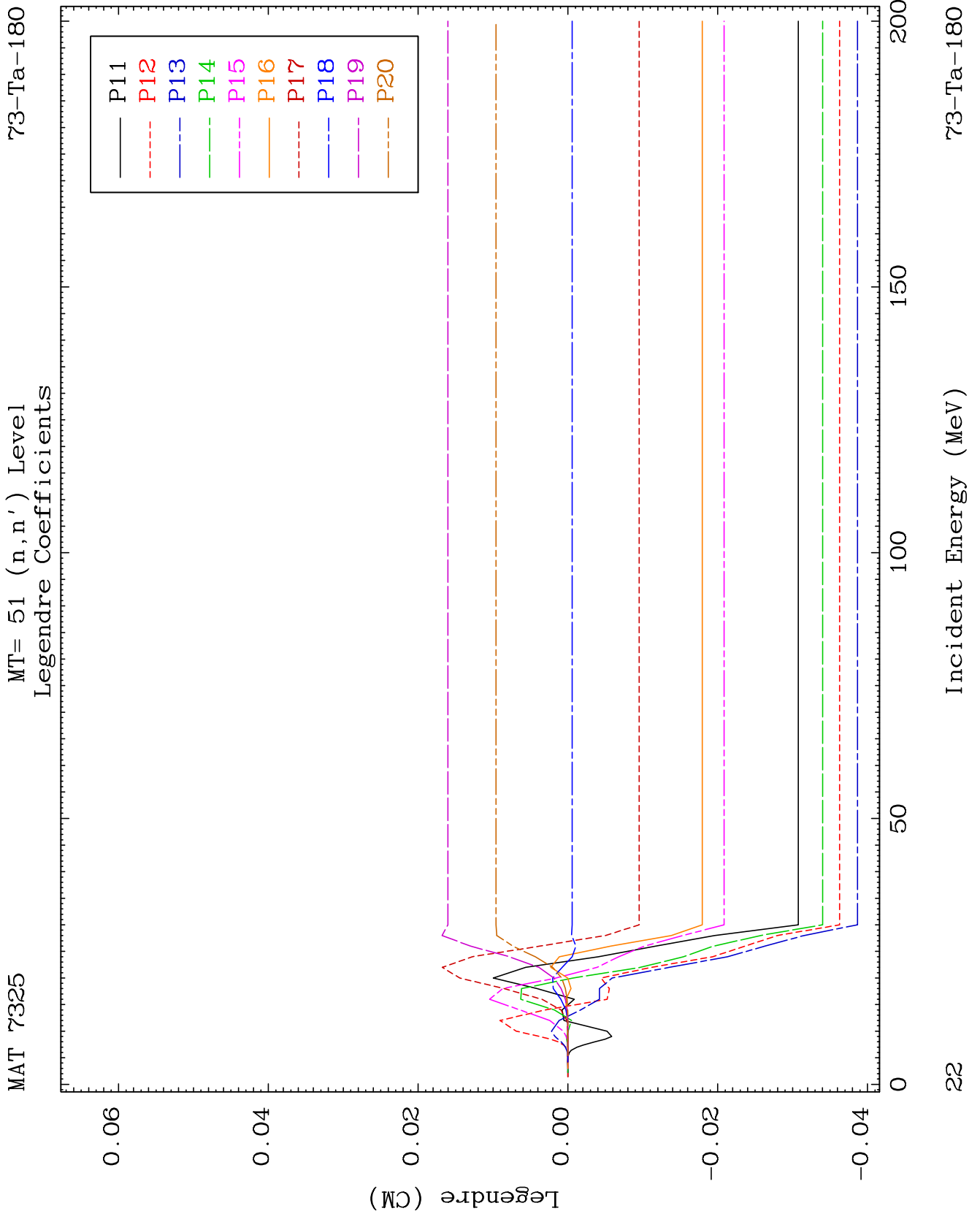
73-Ta-180



21

Incident Energy (MeV)

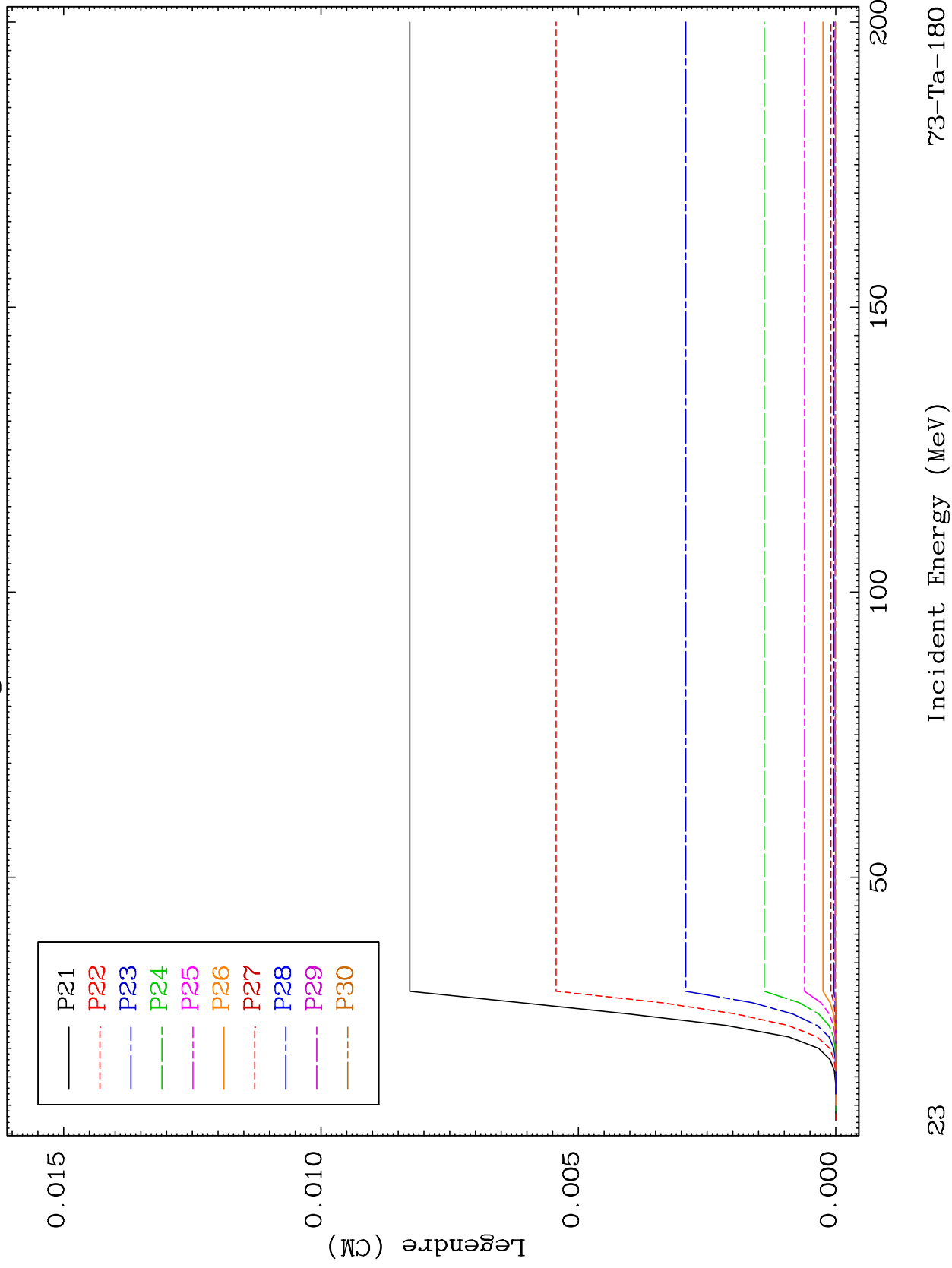
73-Ta-180



MAT 7325

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

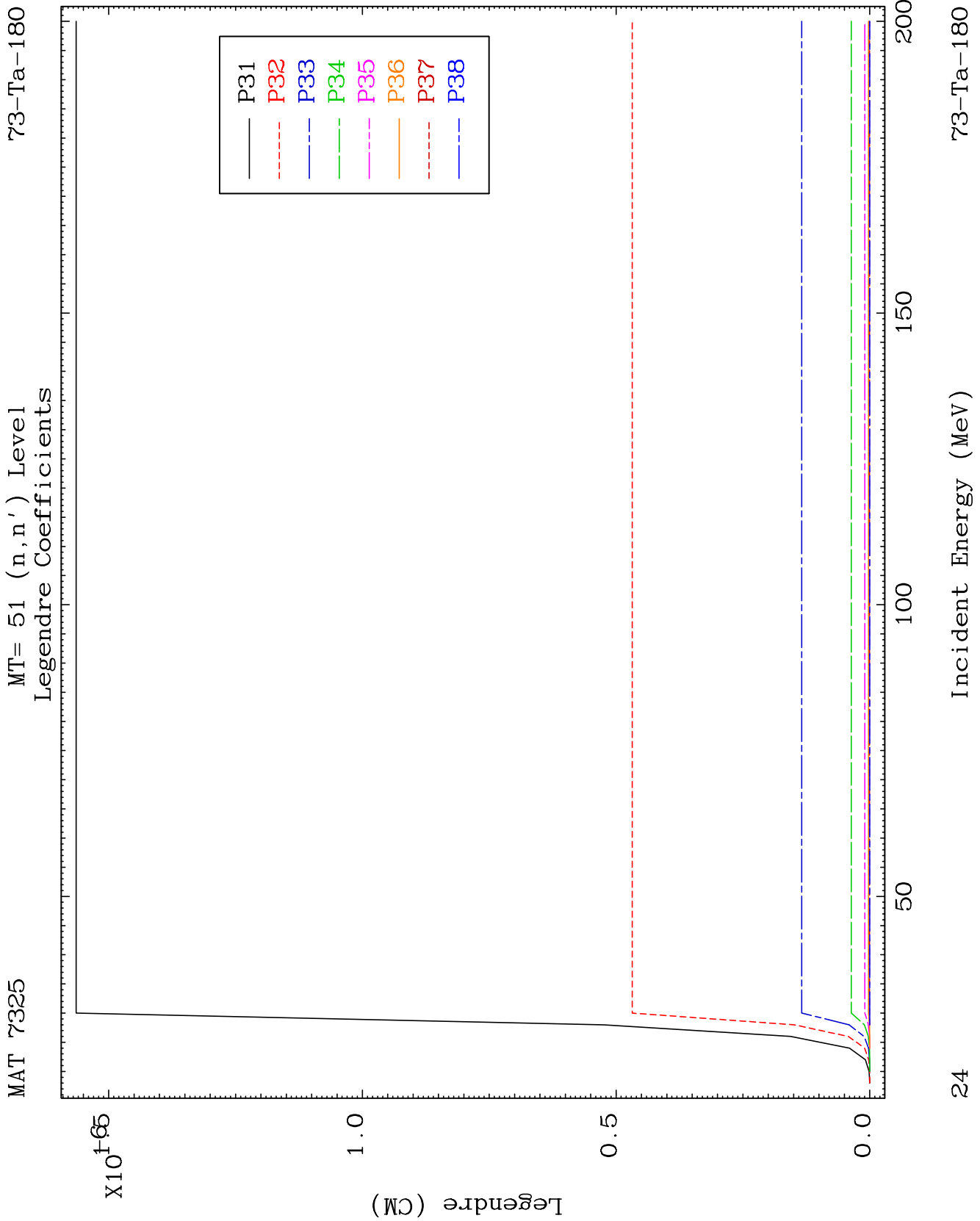
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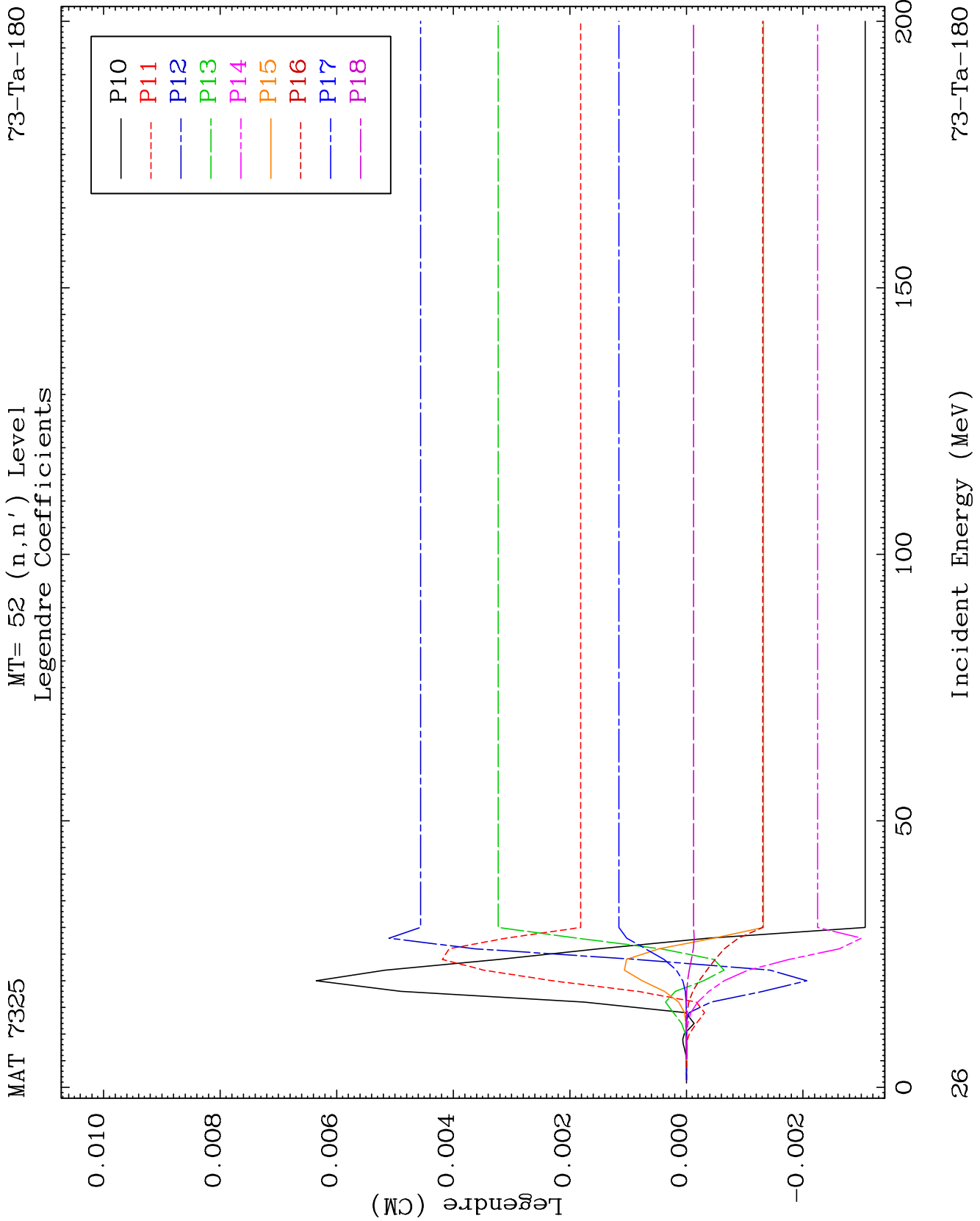


23

Incident Energy (MeV)

73-Ta-180

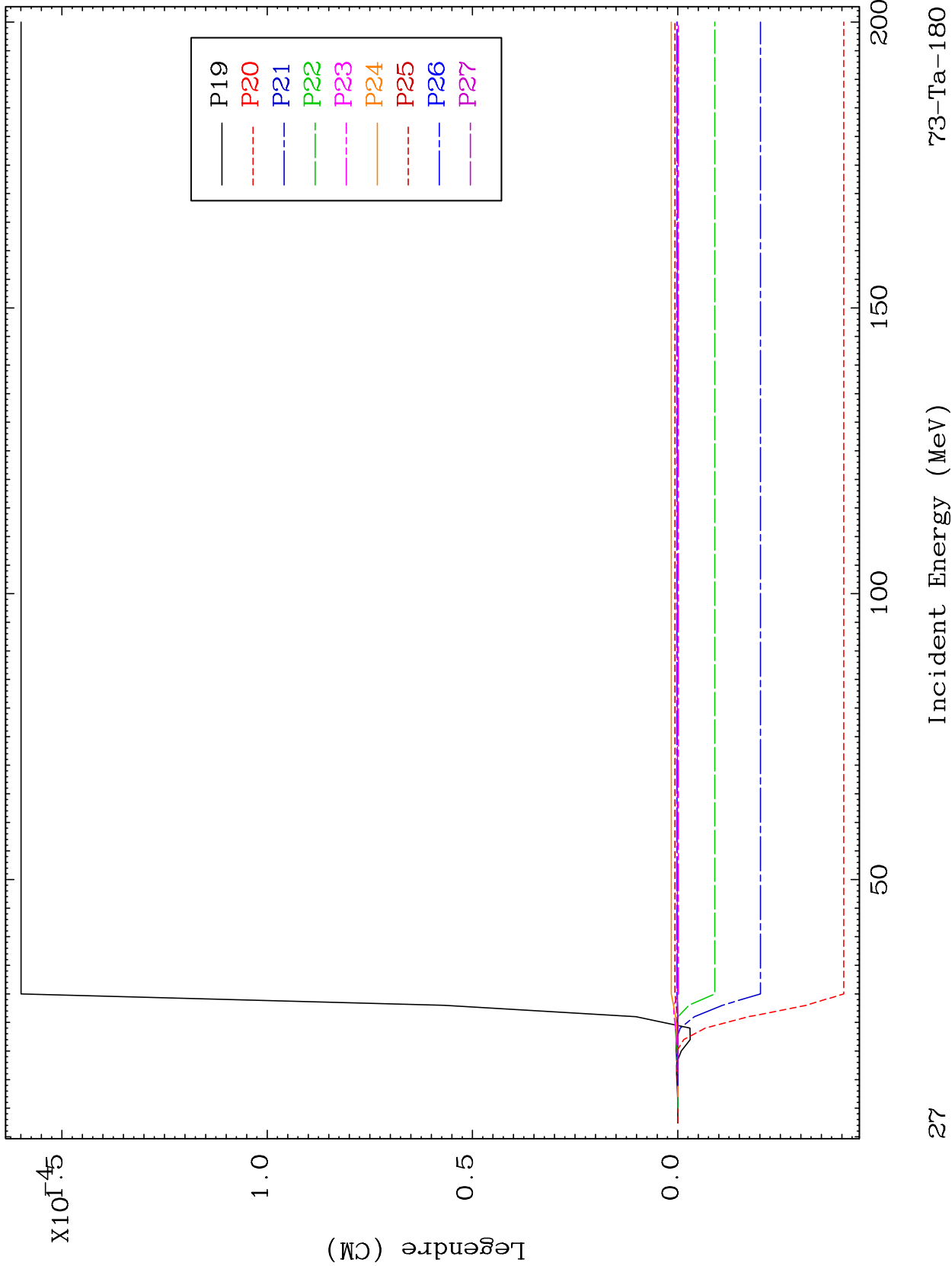


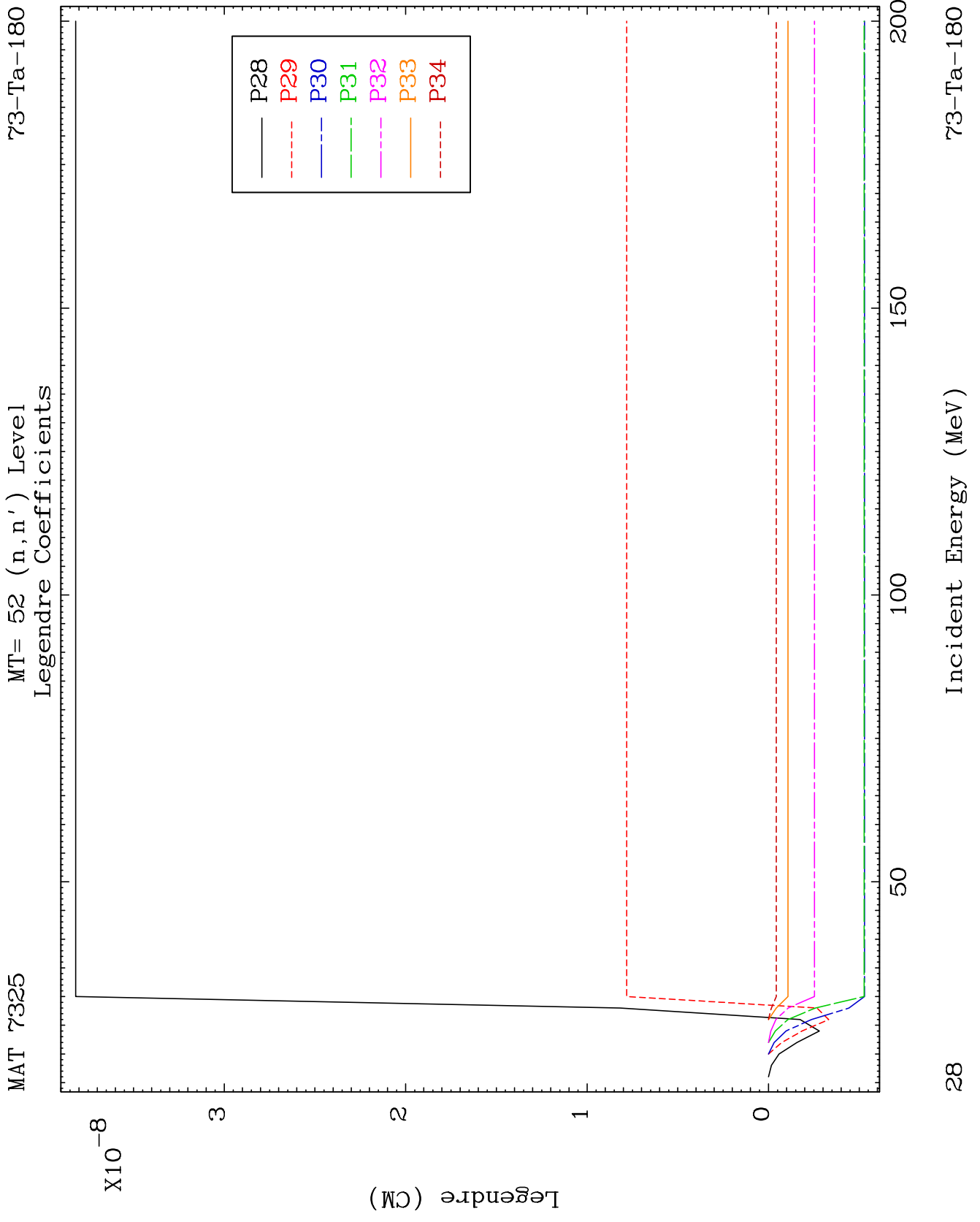


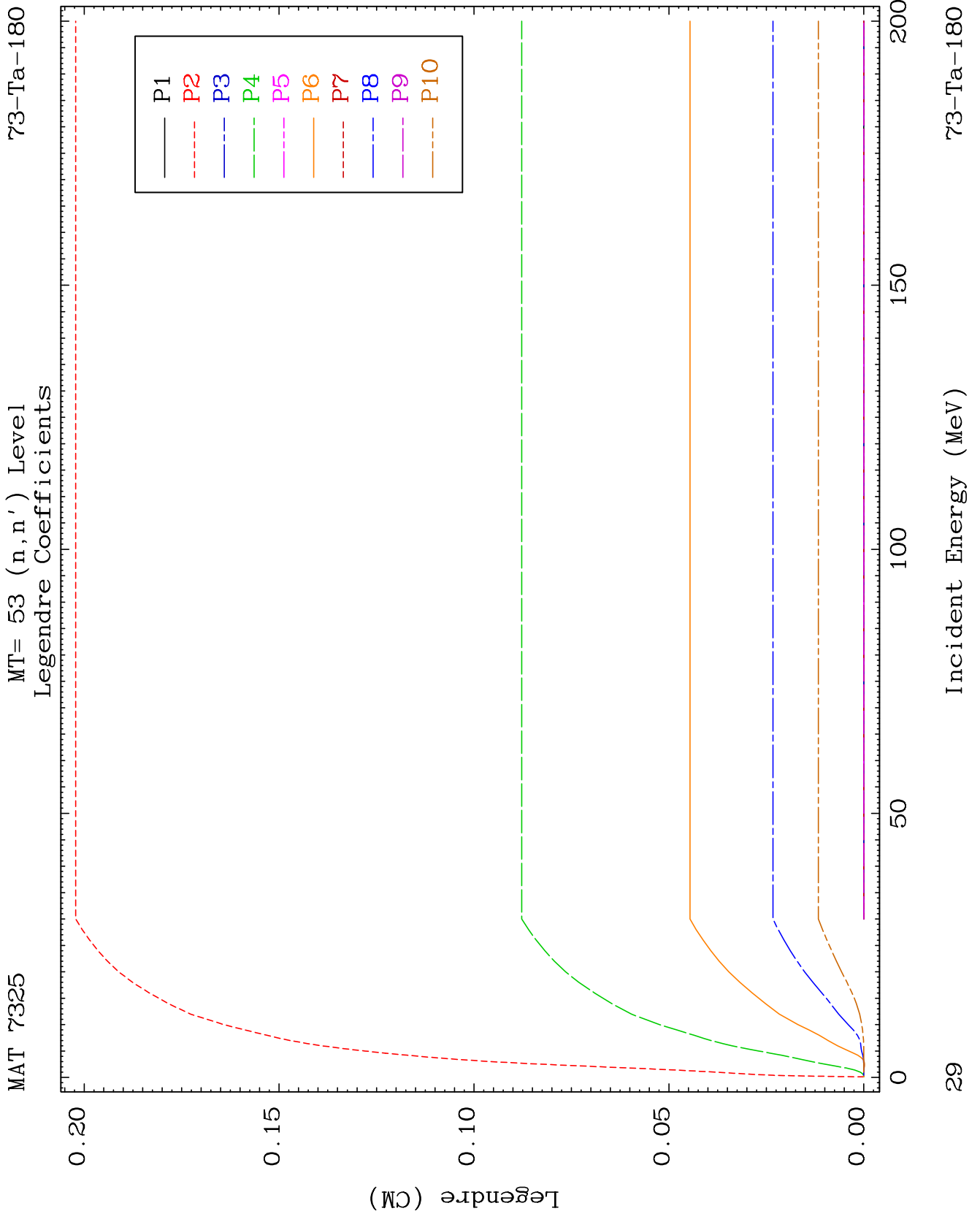
MAT 7325

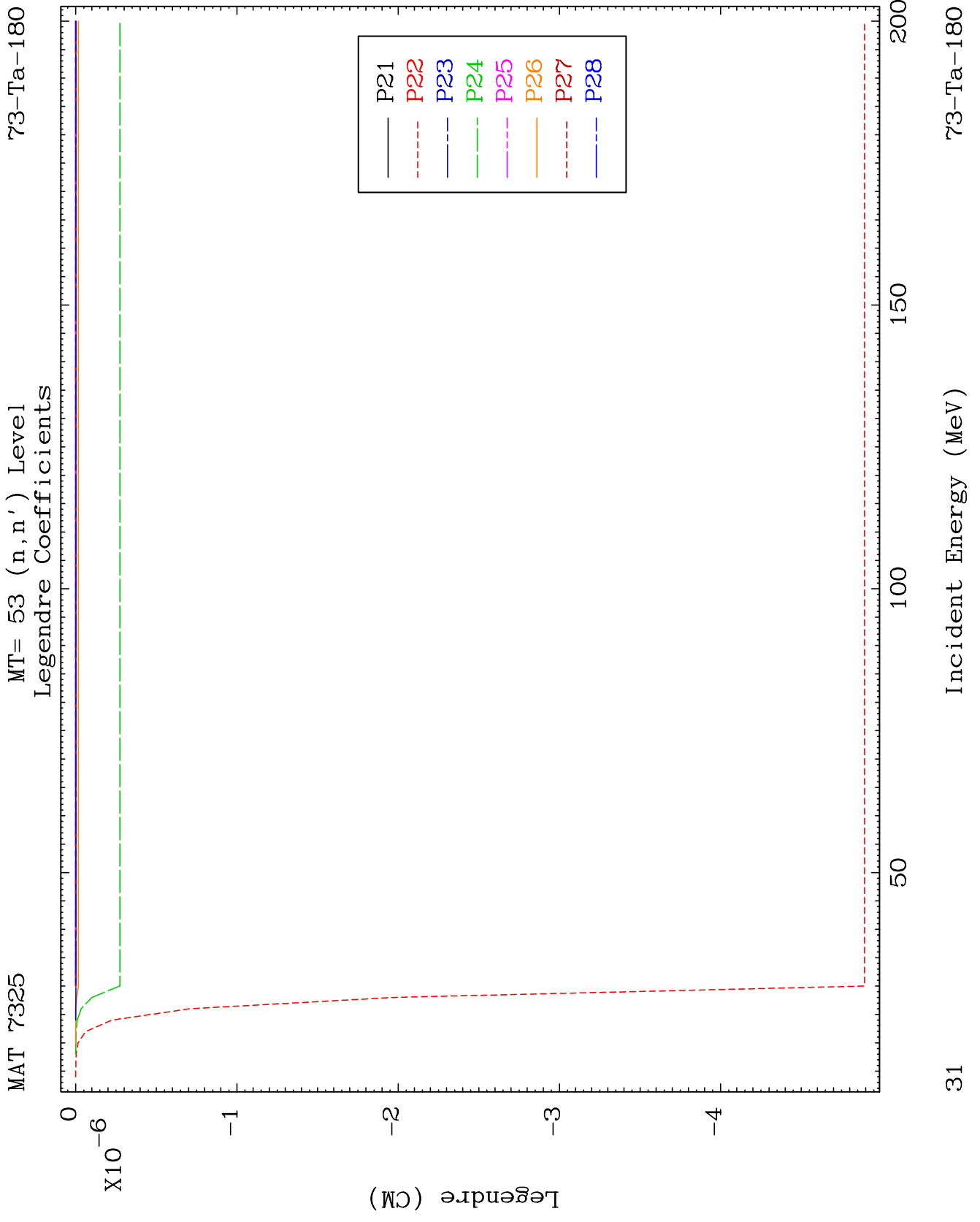
MT= 52 (n,n') Level
Legendre Coefficients

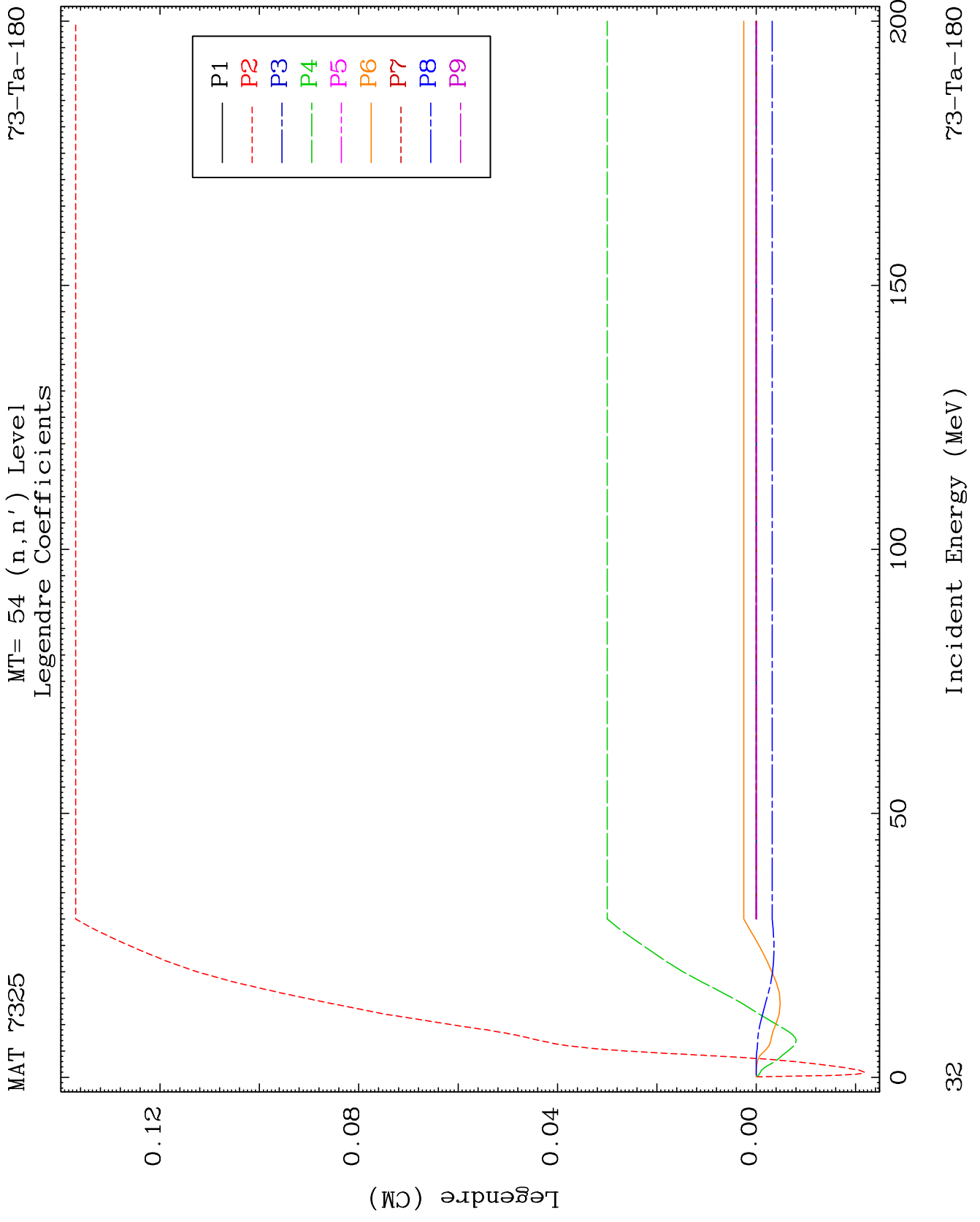
73-Ta-180

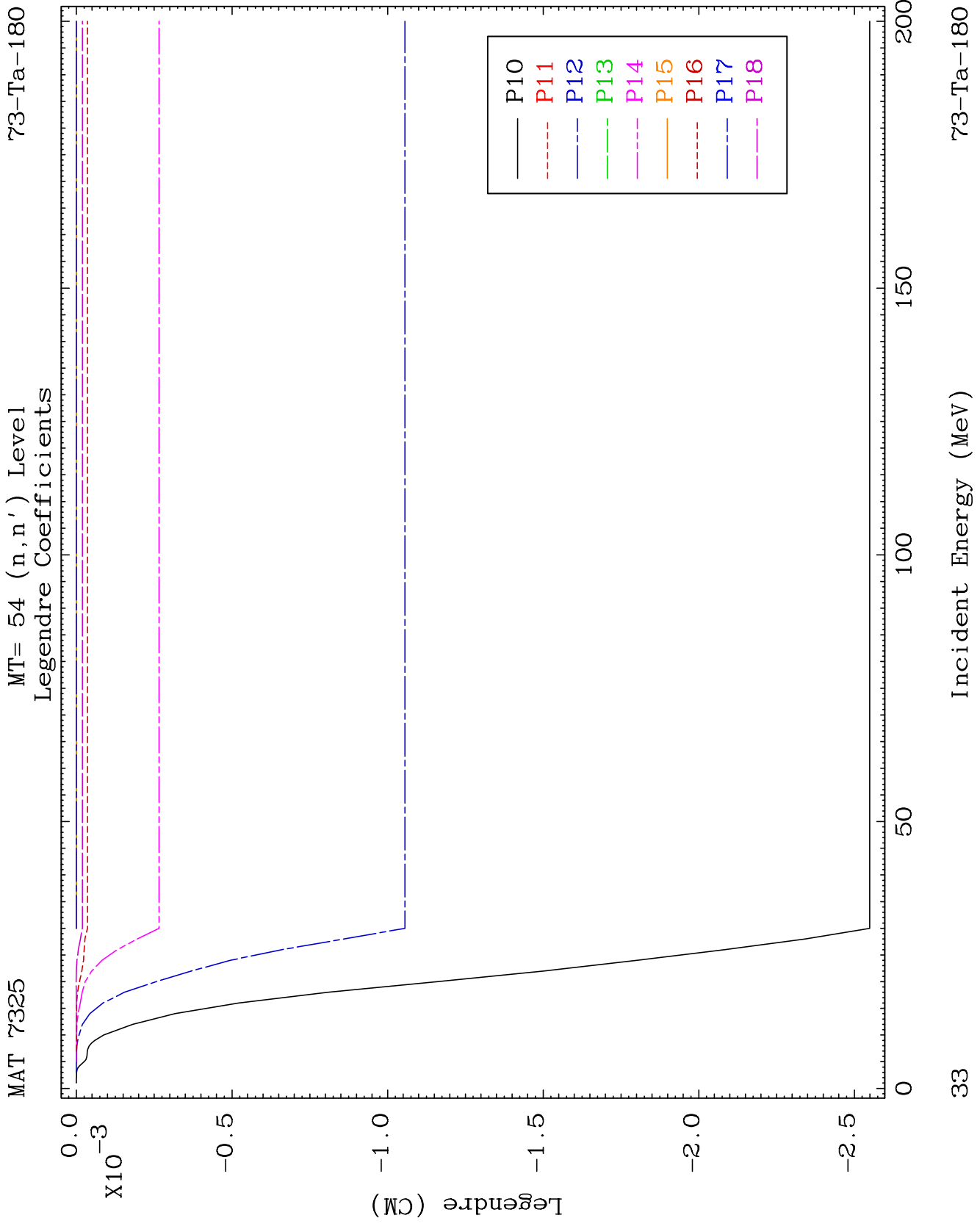


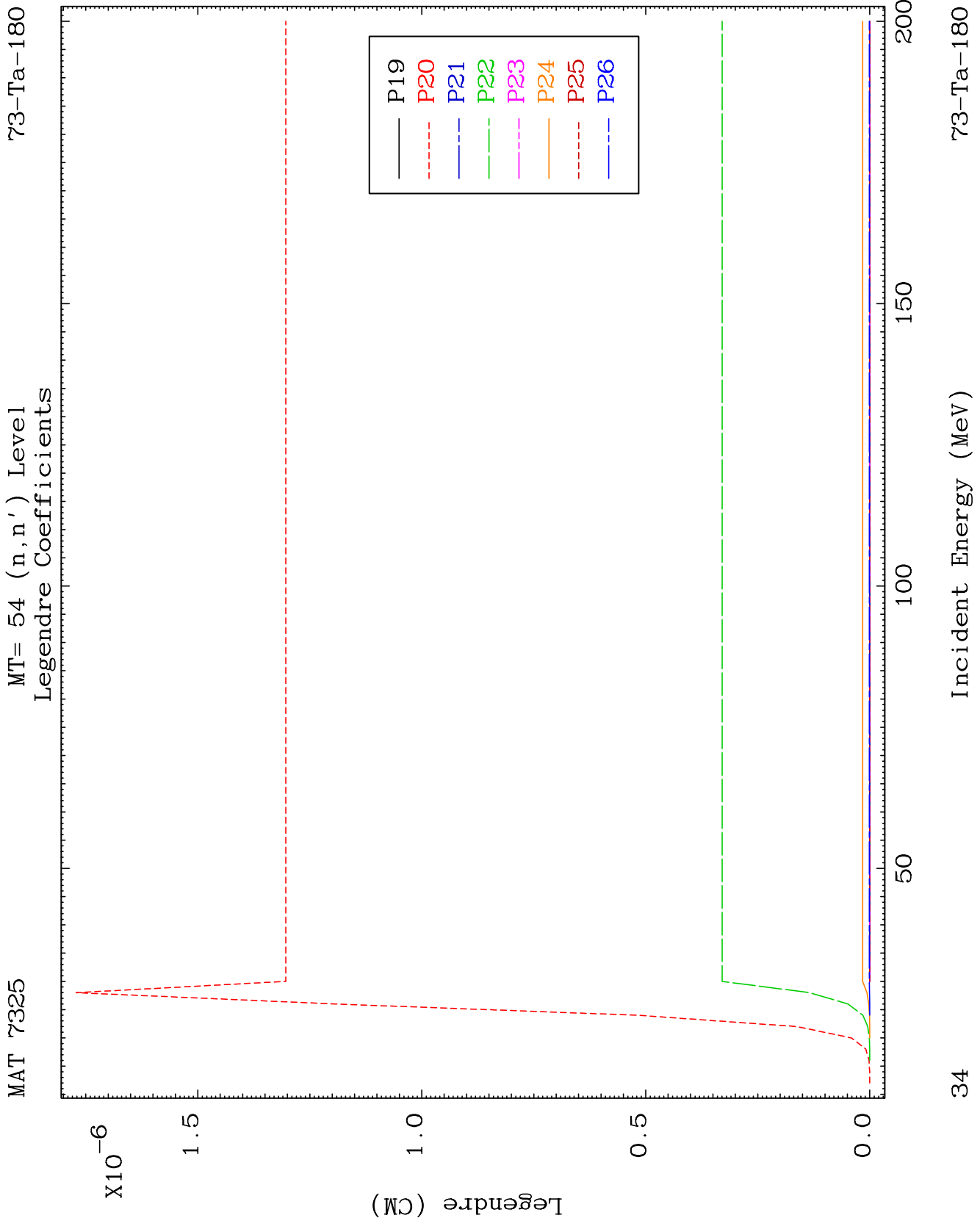


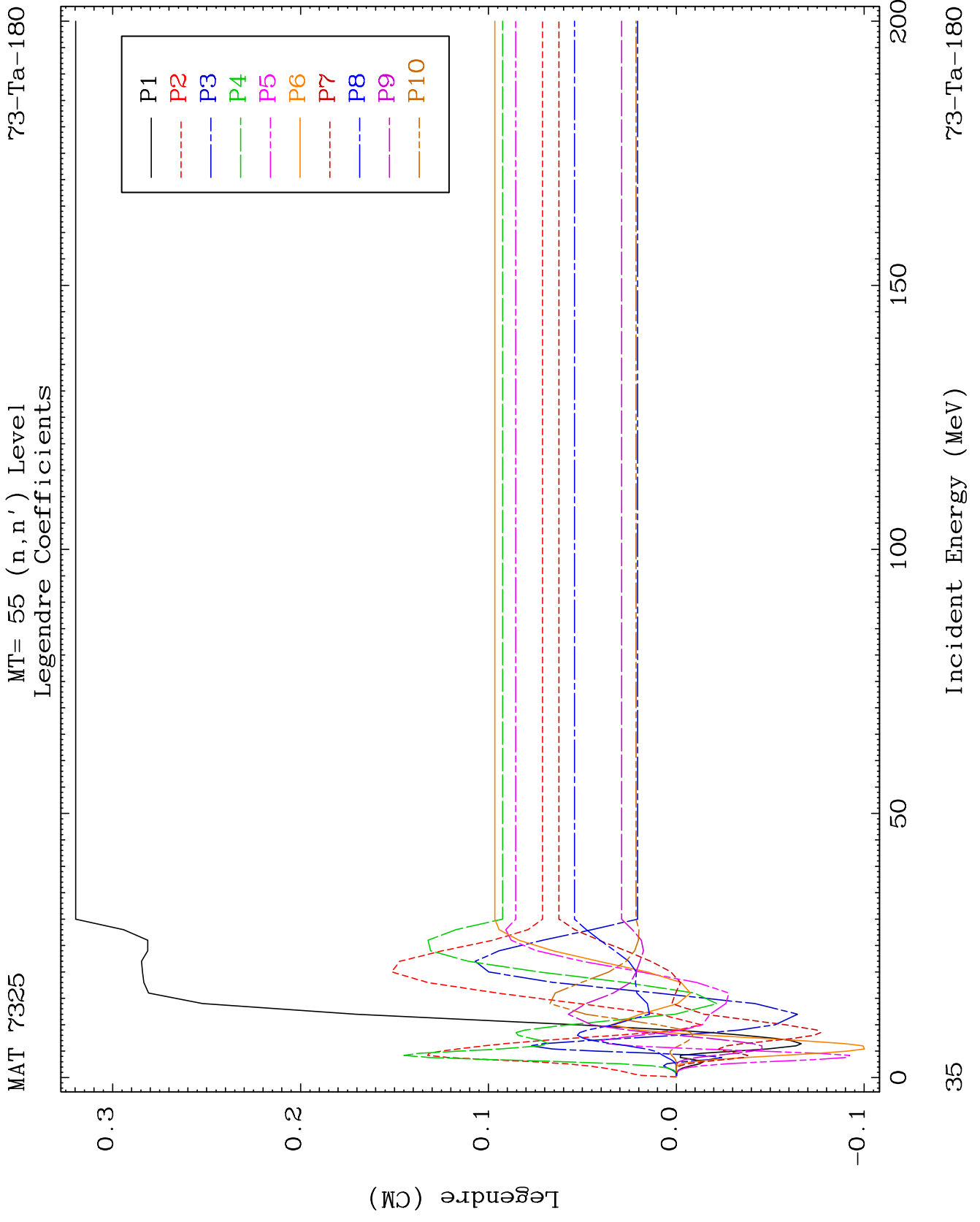


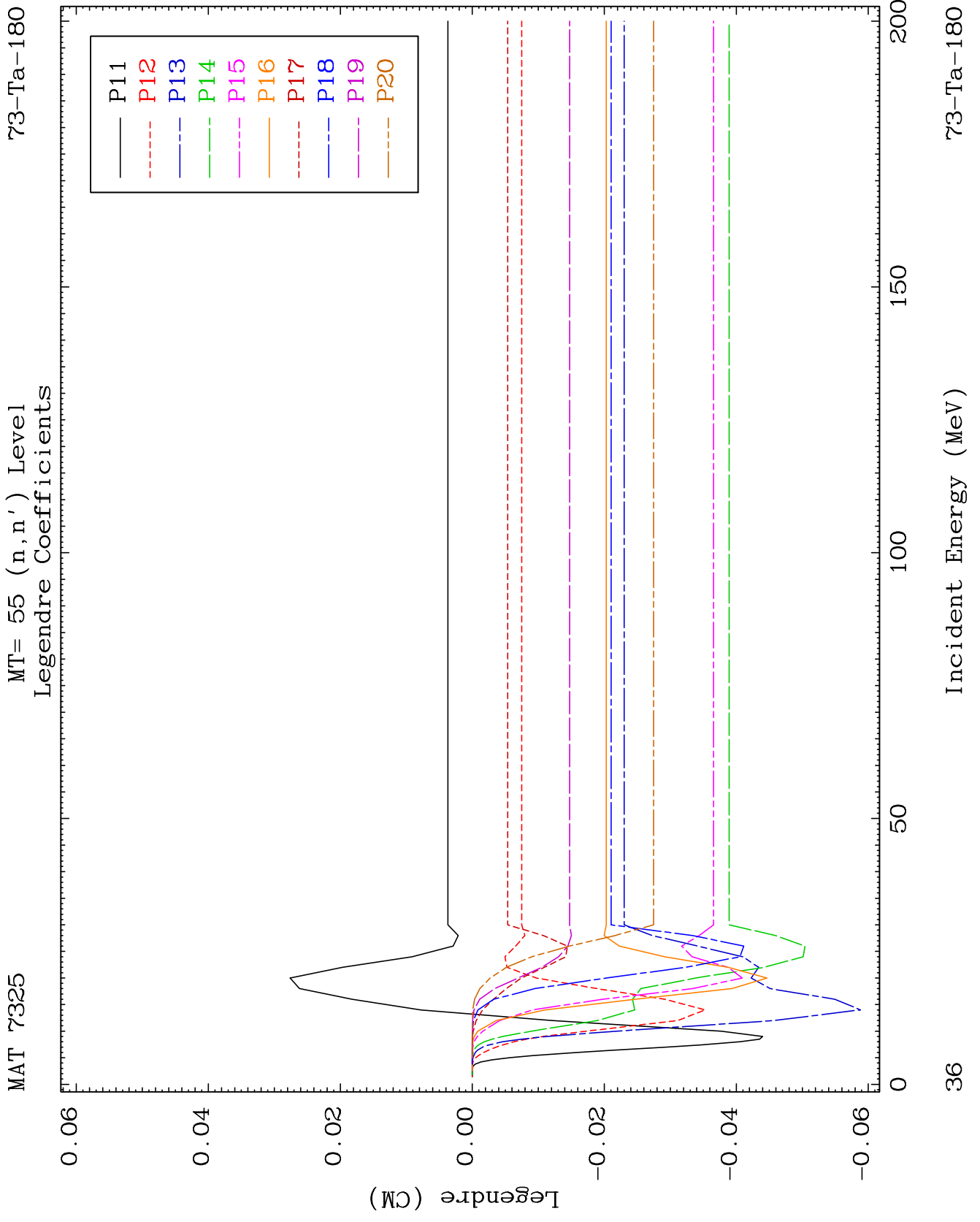


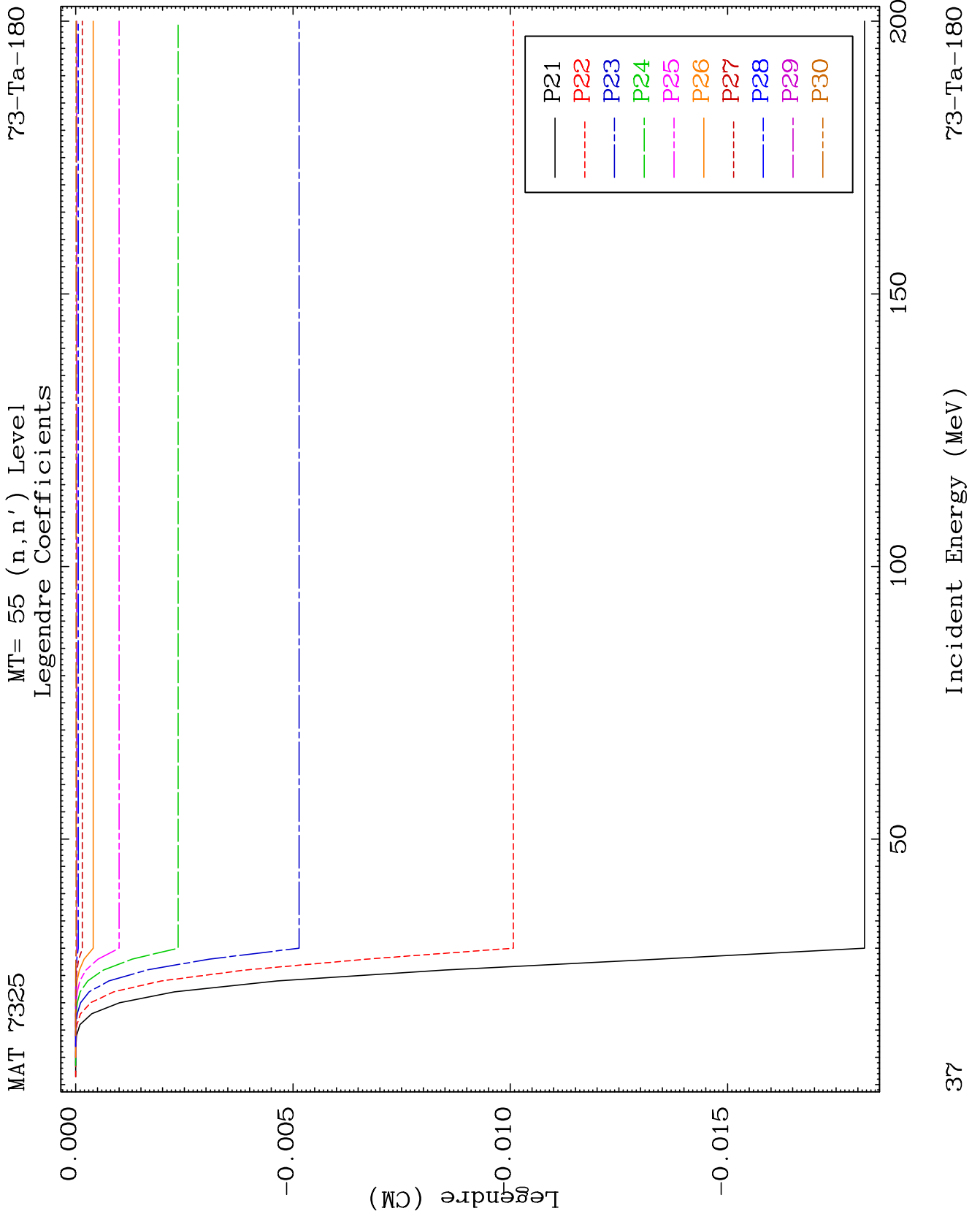


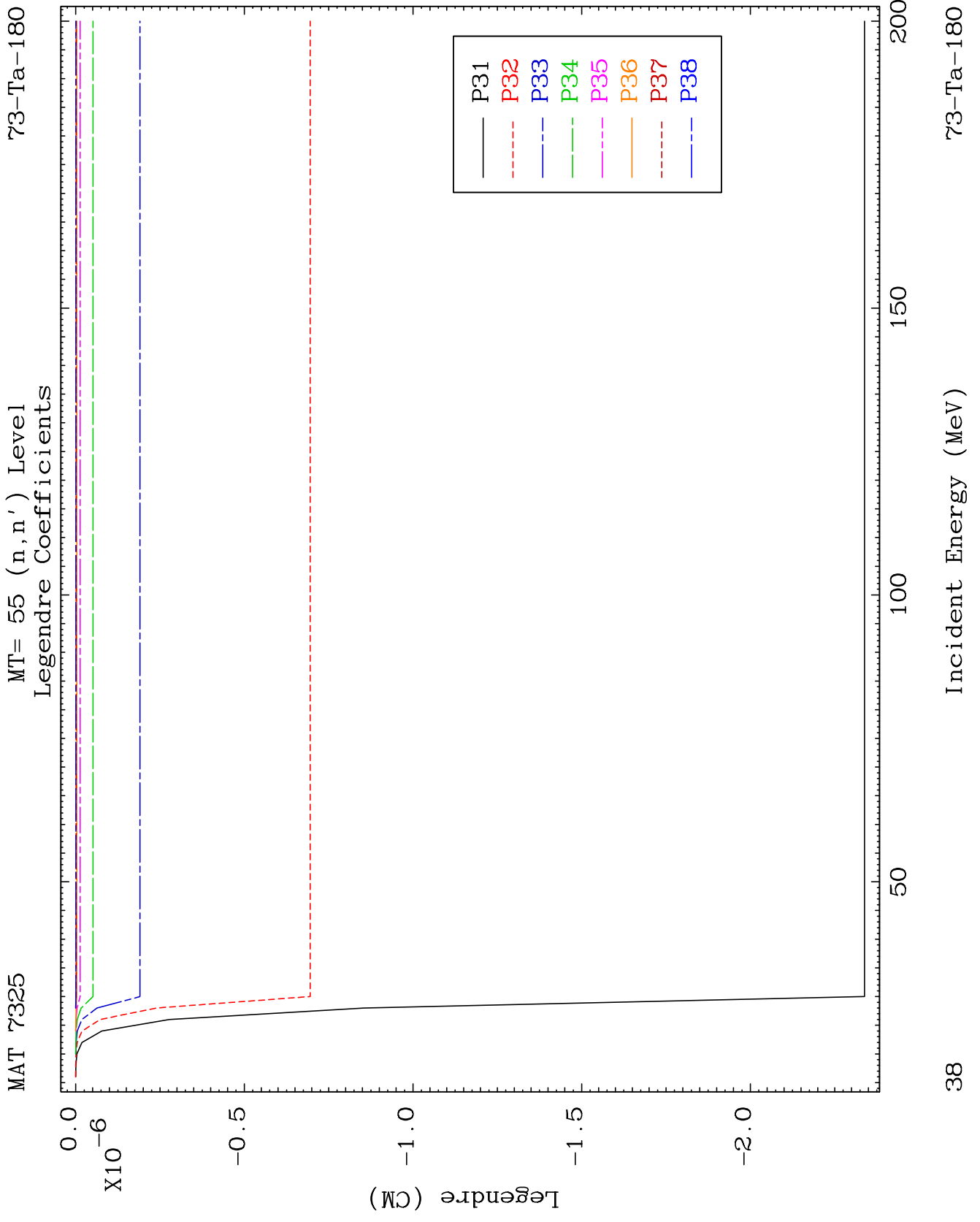


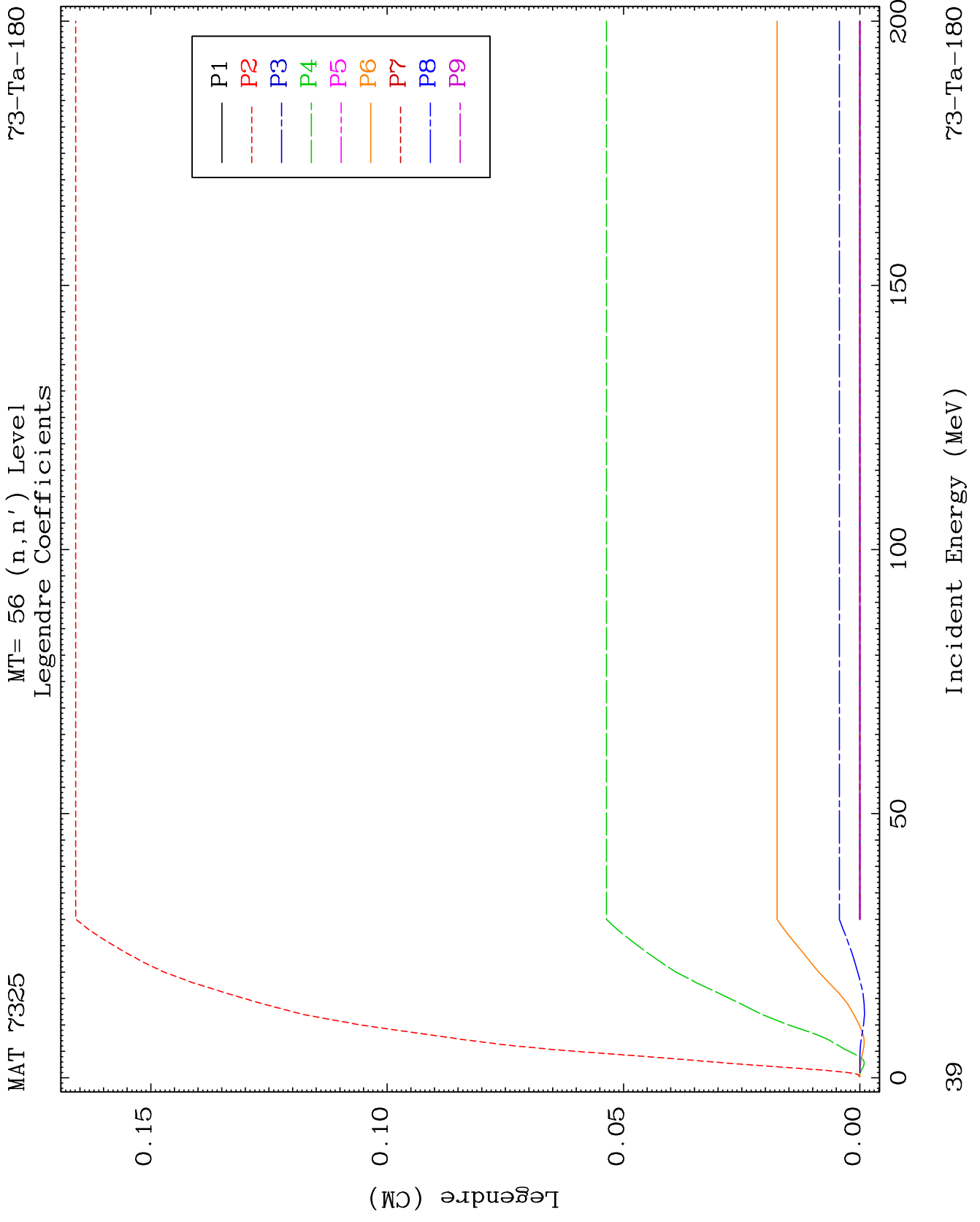


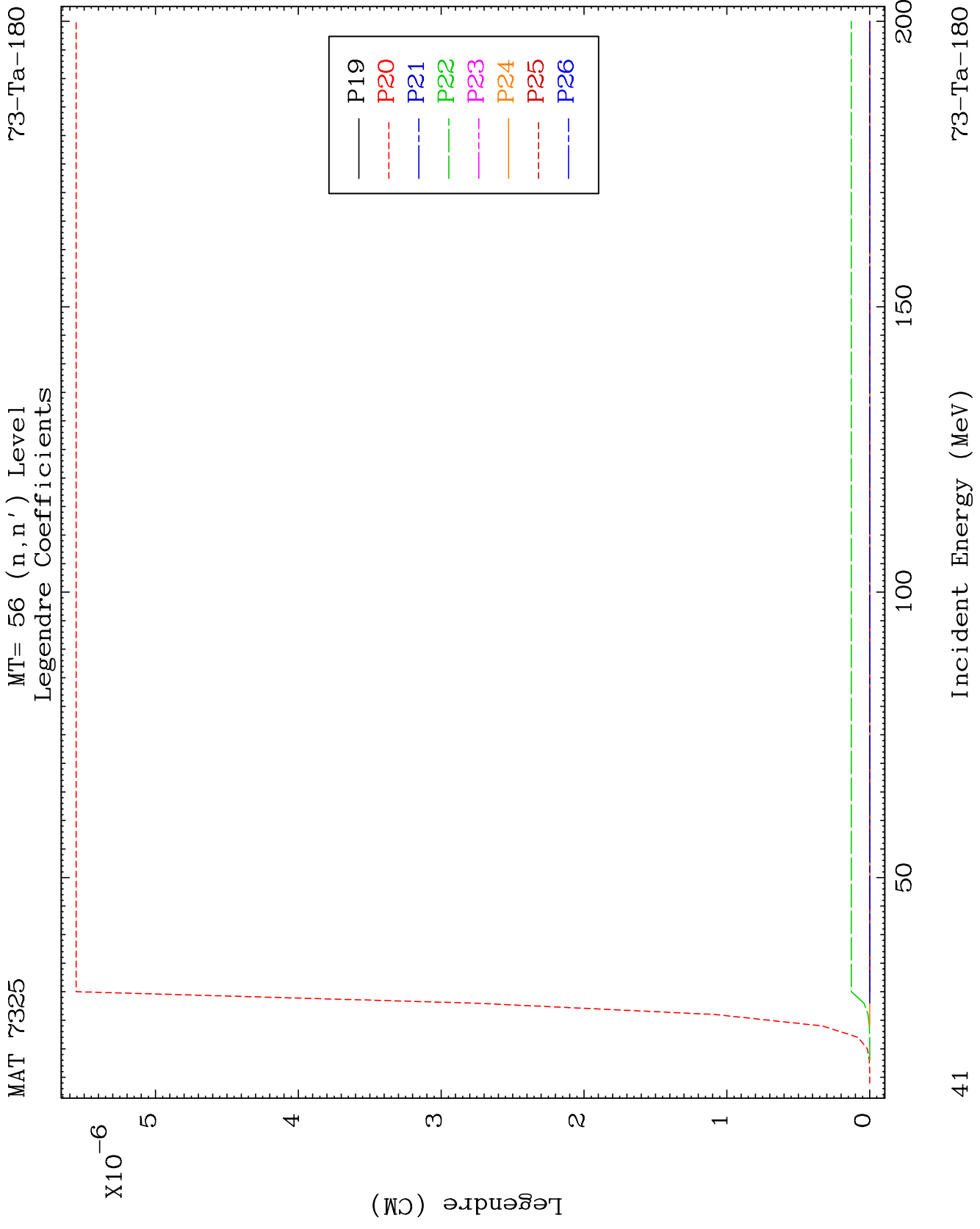








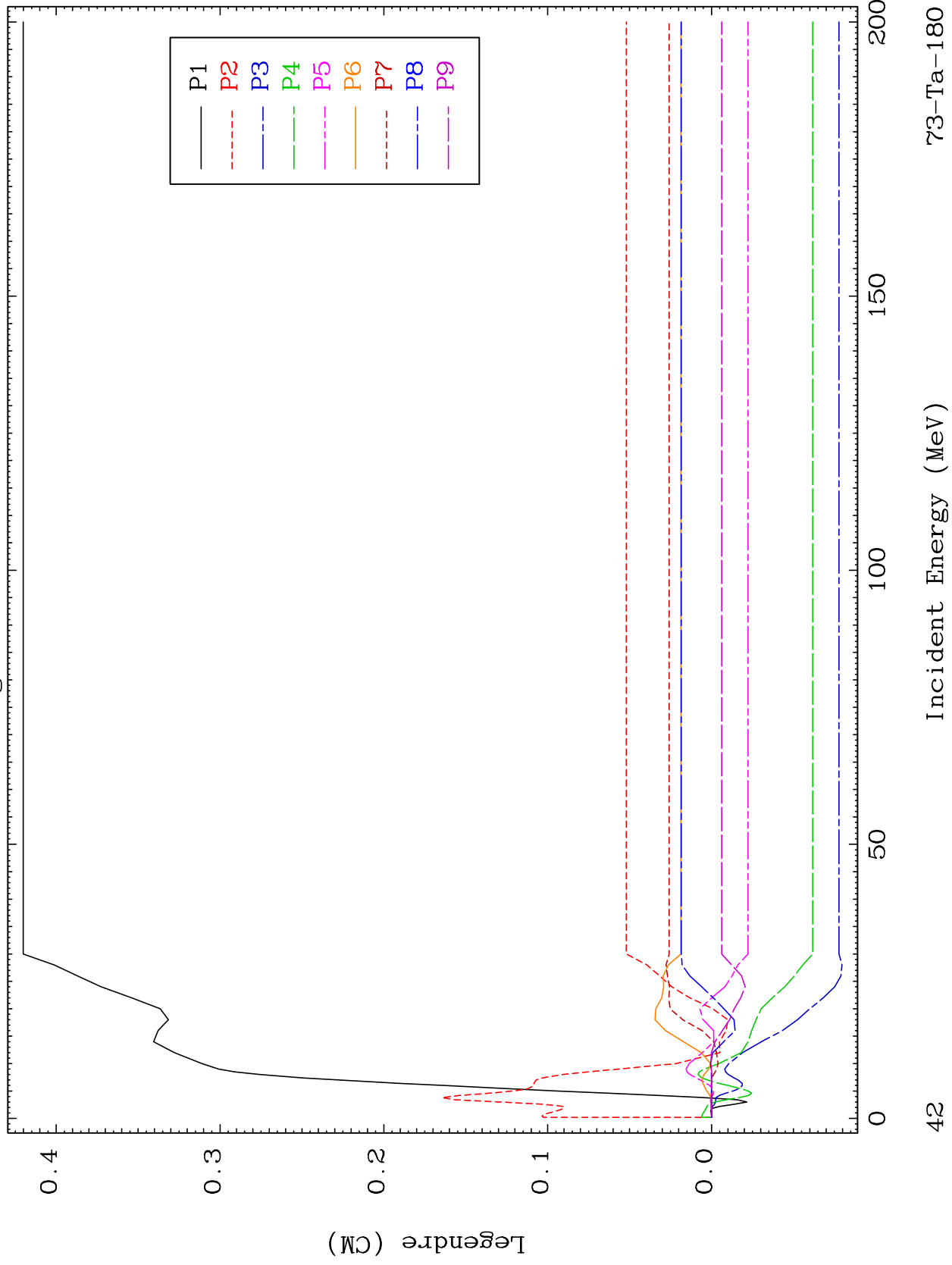




MAT 7325

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

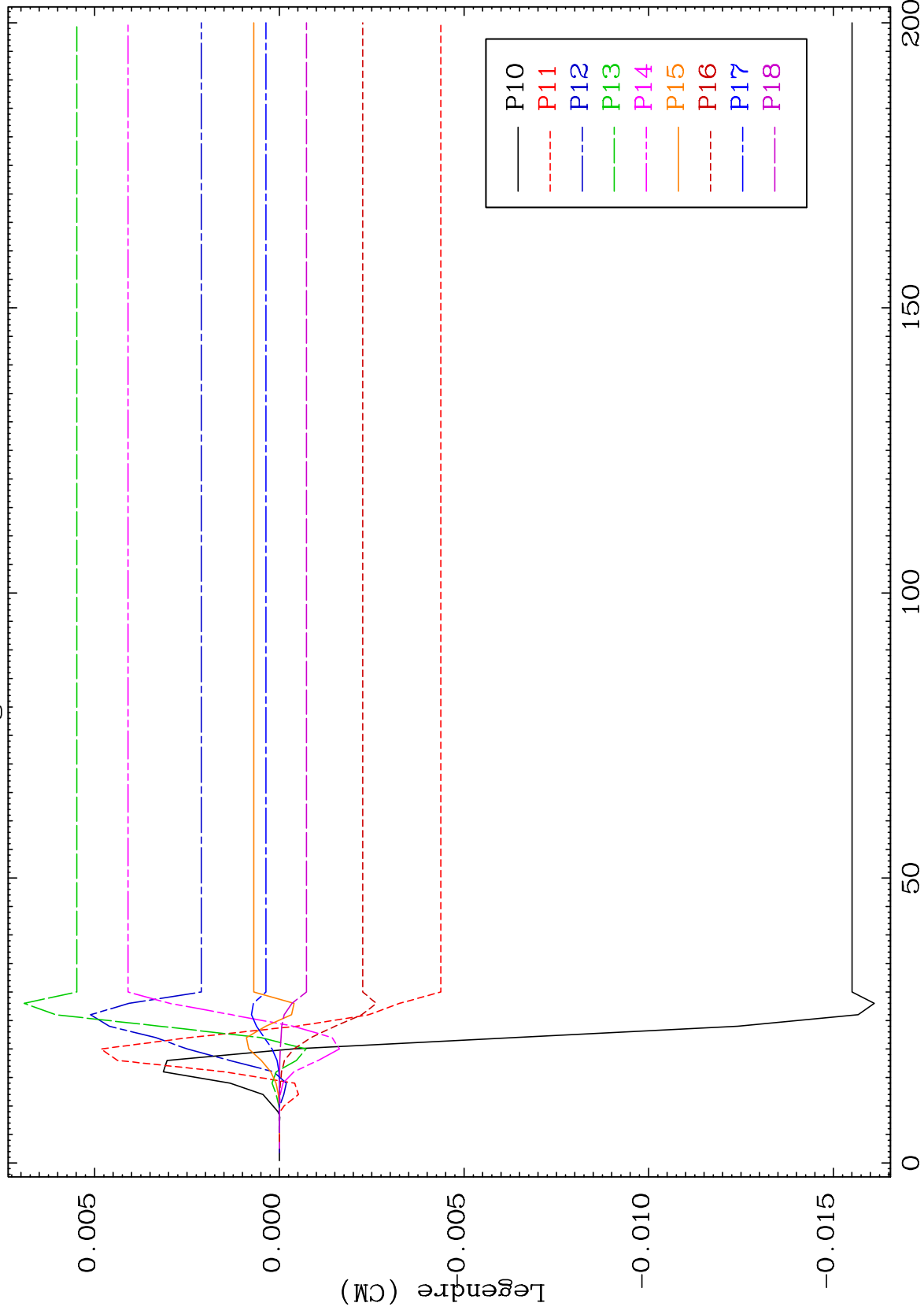
73-Ta-180



MAT 7325

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

73-Ta-180



43

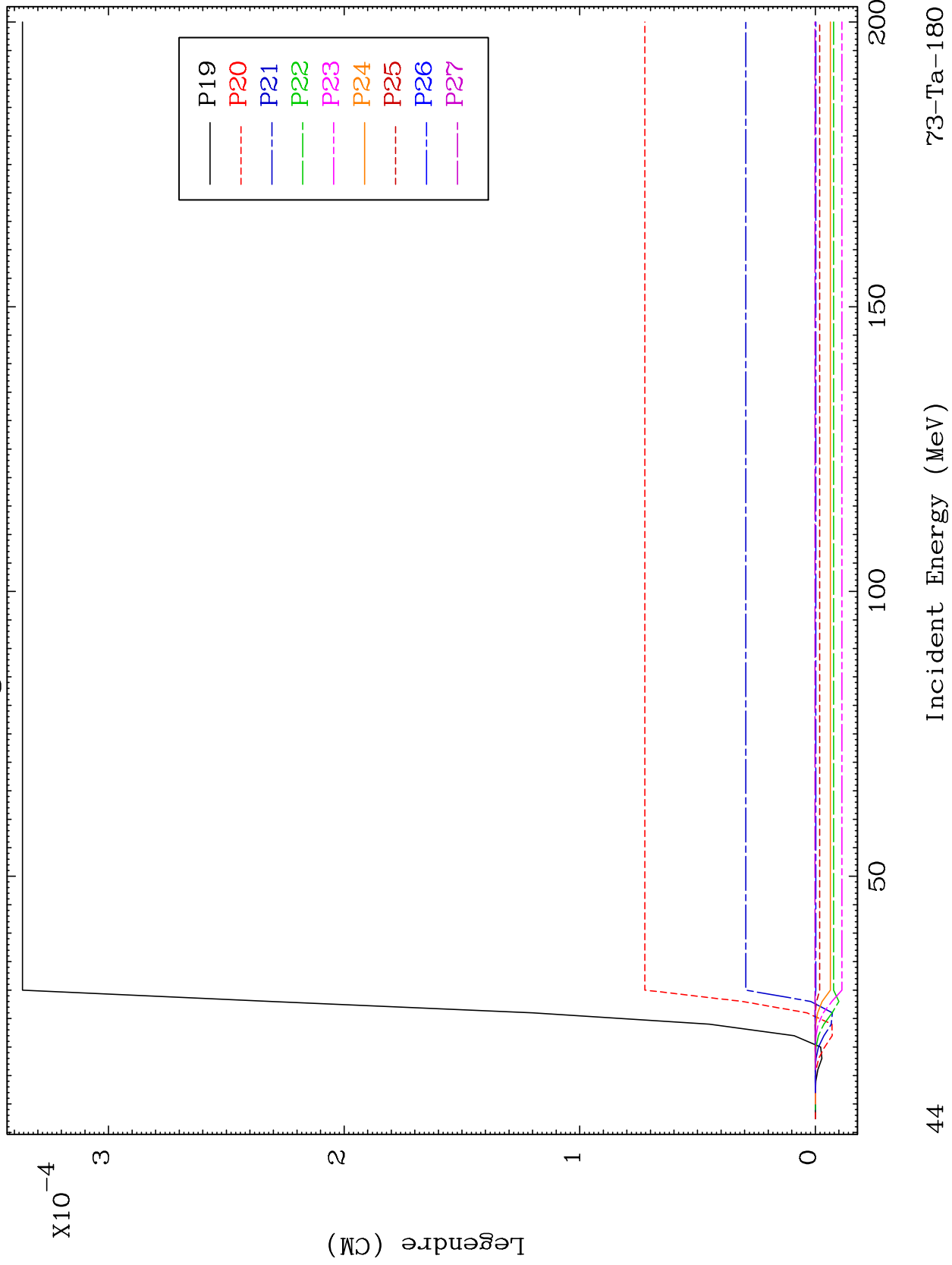
Incident Energy (MeV)

73-Ta-180

MAT 7325

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

73-Ta-180



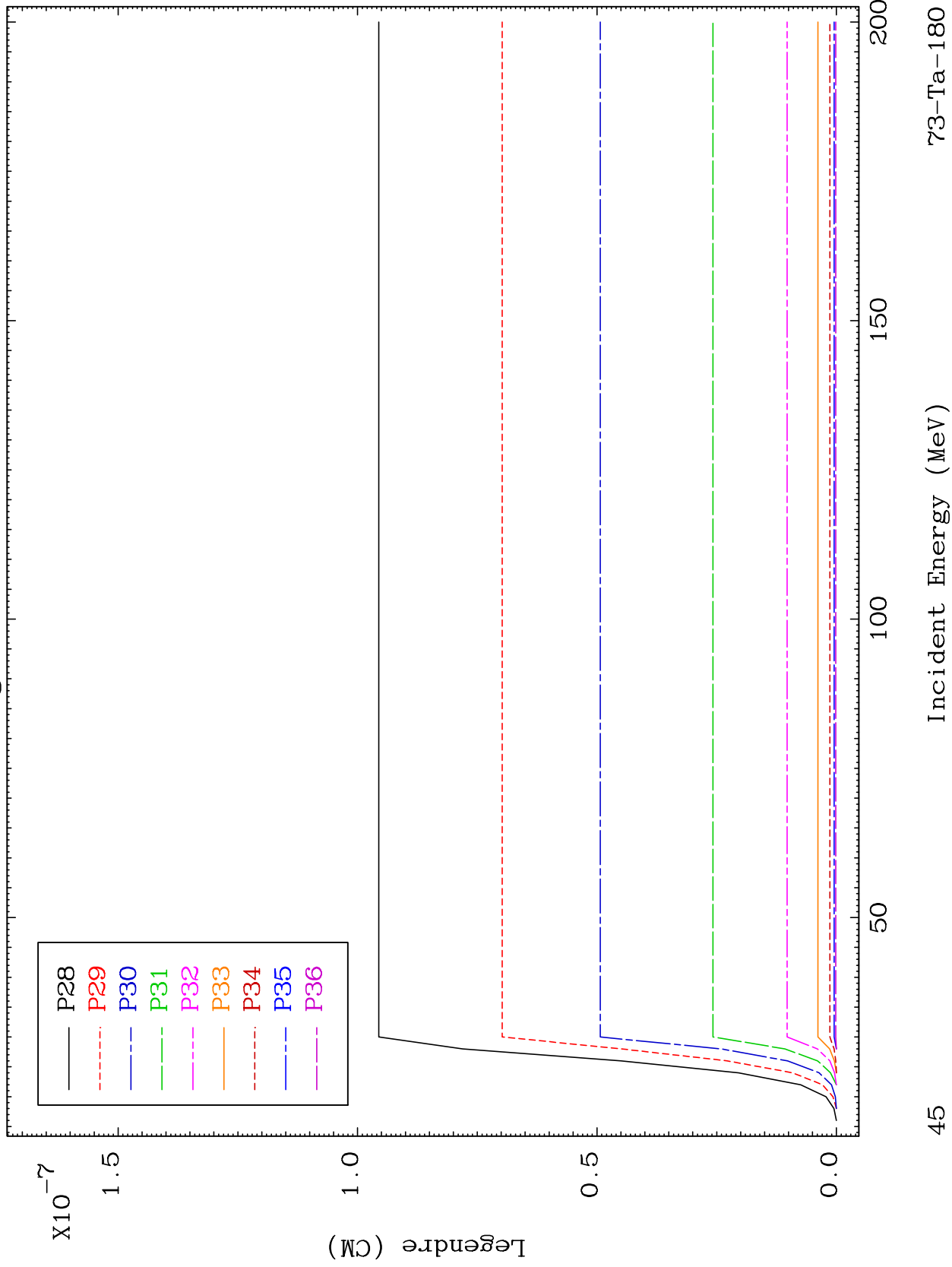
44

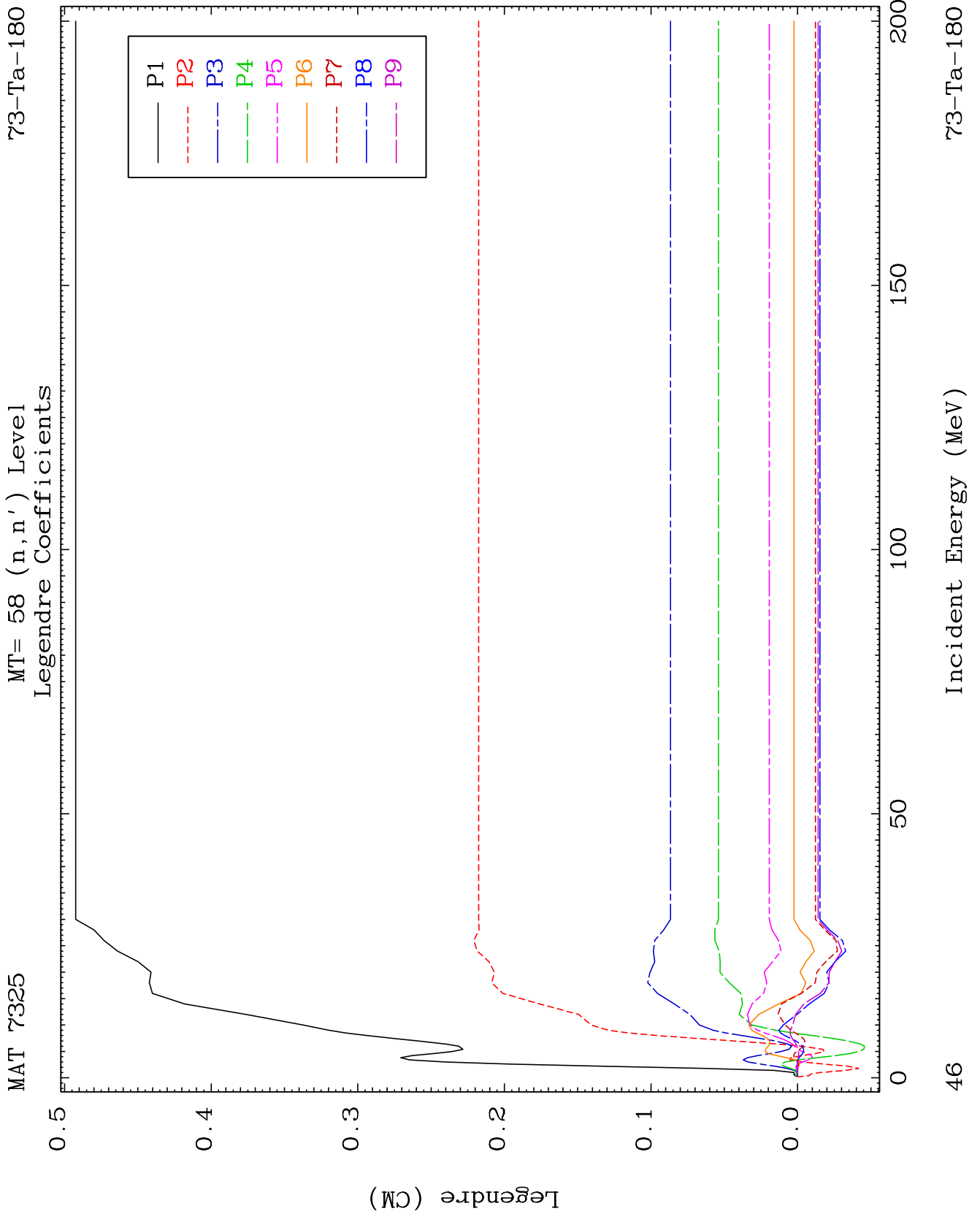
73-Ta-180

MAT 7325

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

73-Ta-180

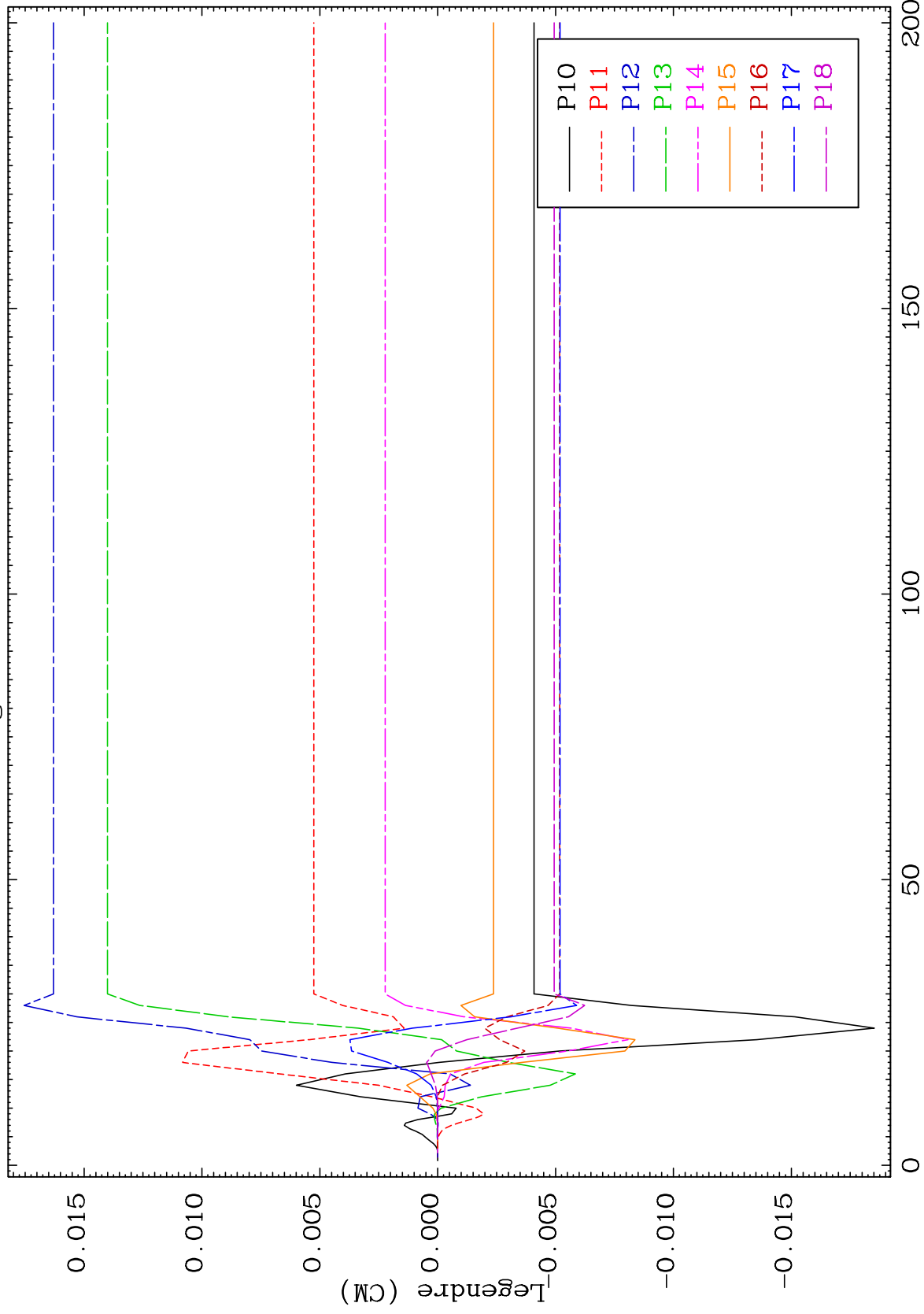




MAT 7325

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

73-Ta-180



47

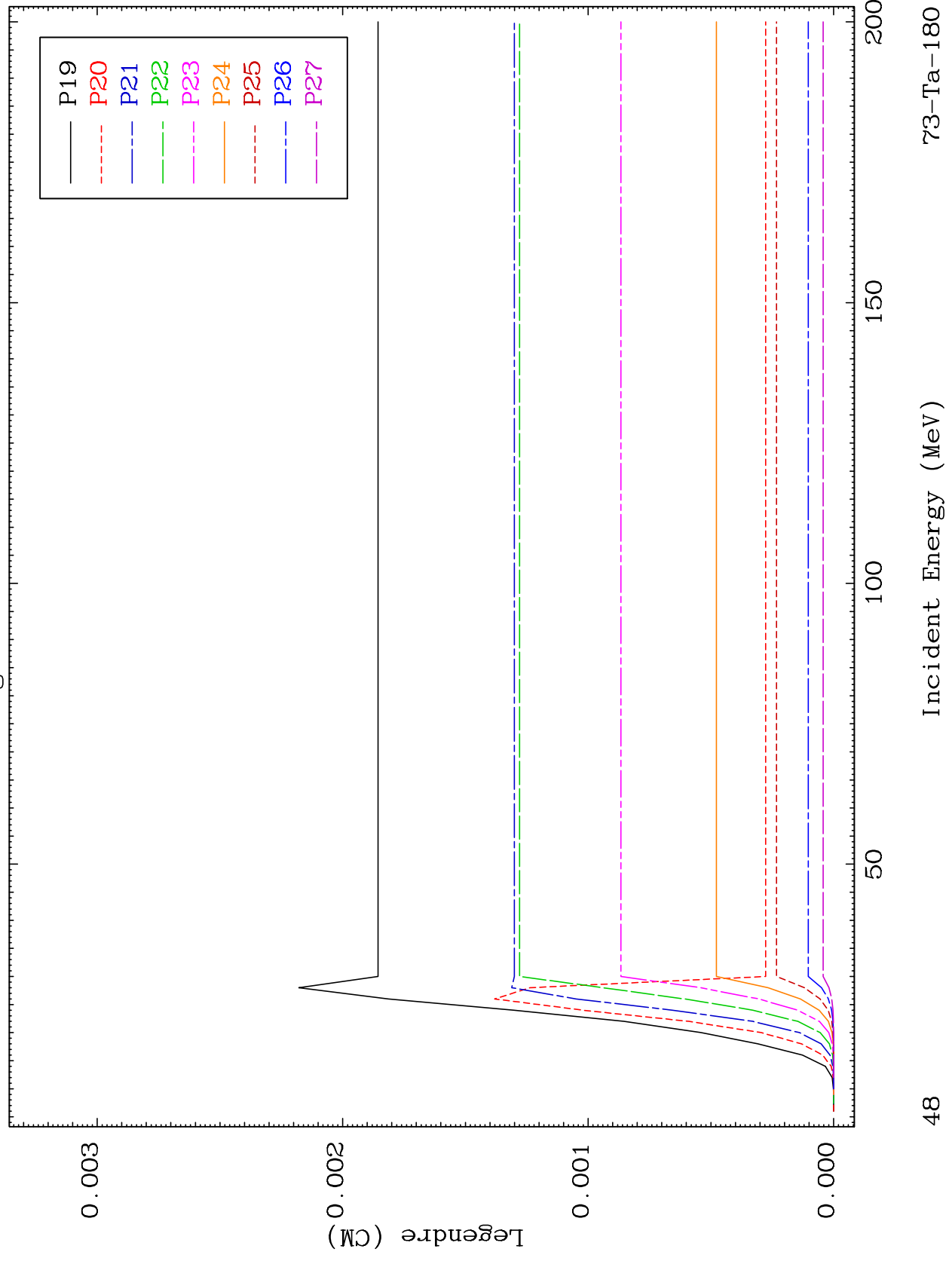
Incident Energy (MeV)

73-Ta-180

MAT 7325

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

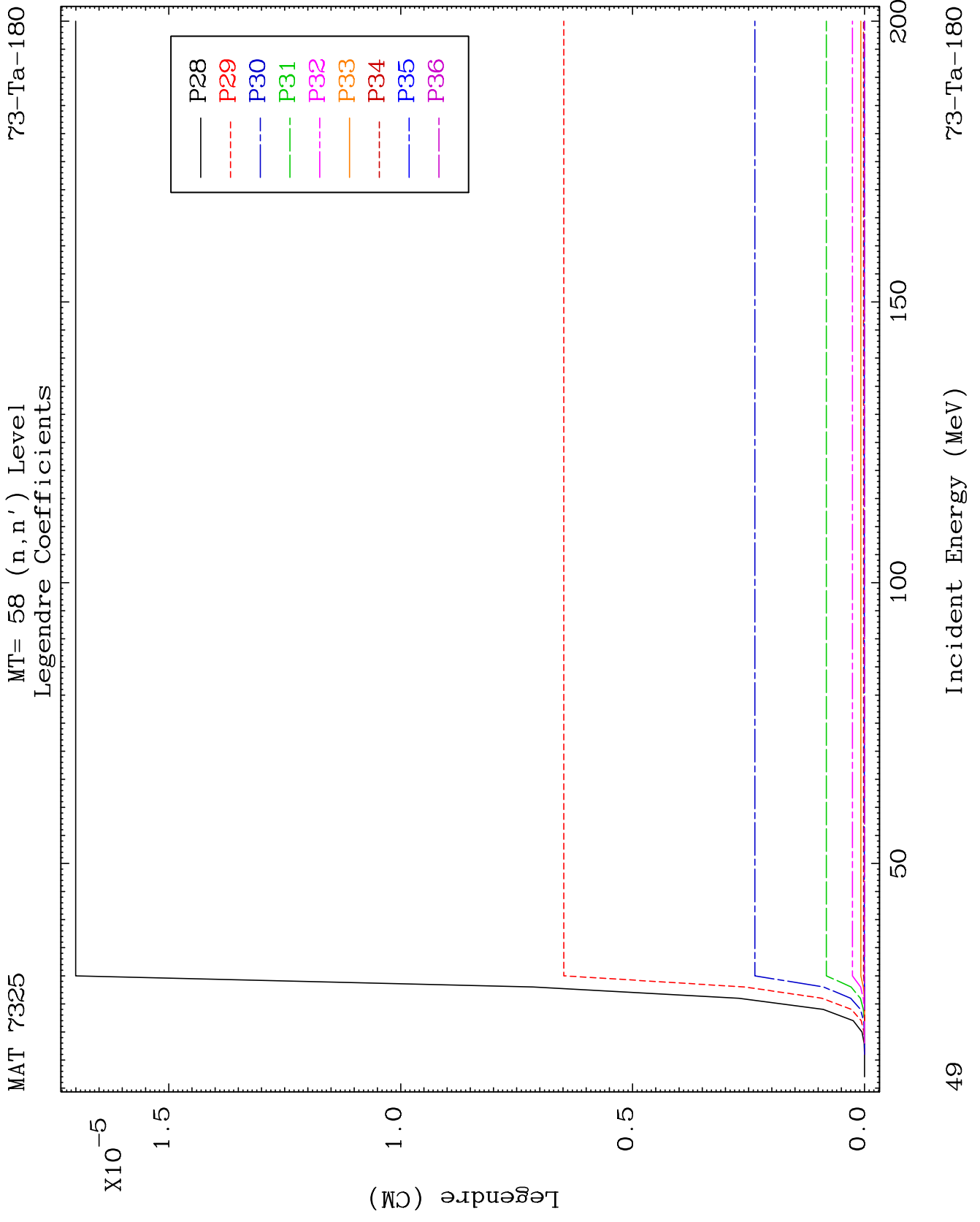
73-Ta-180



48

Incident Energy (MeV)

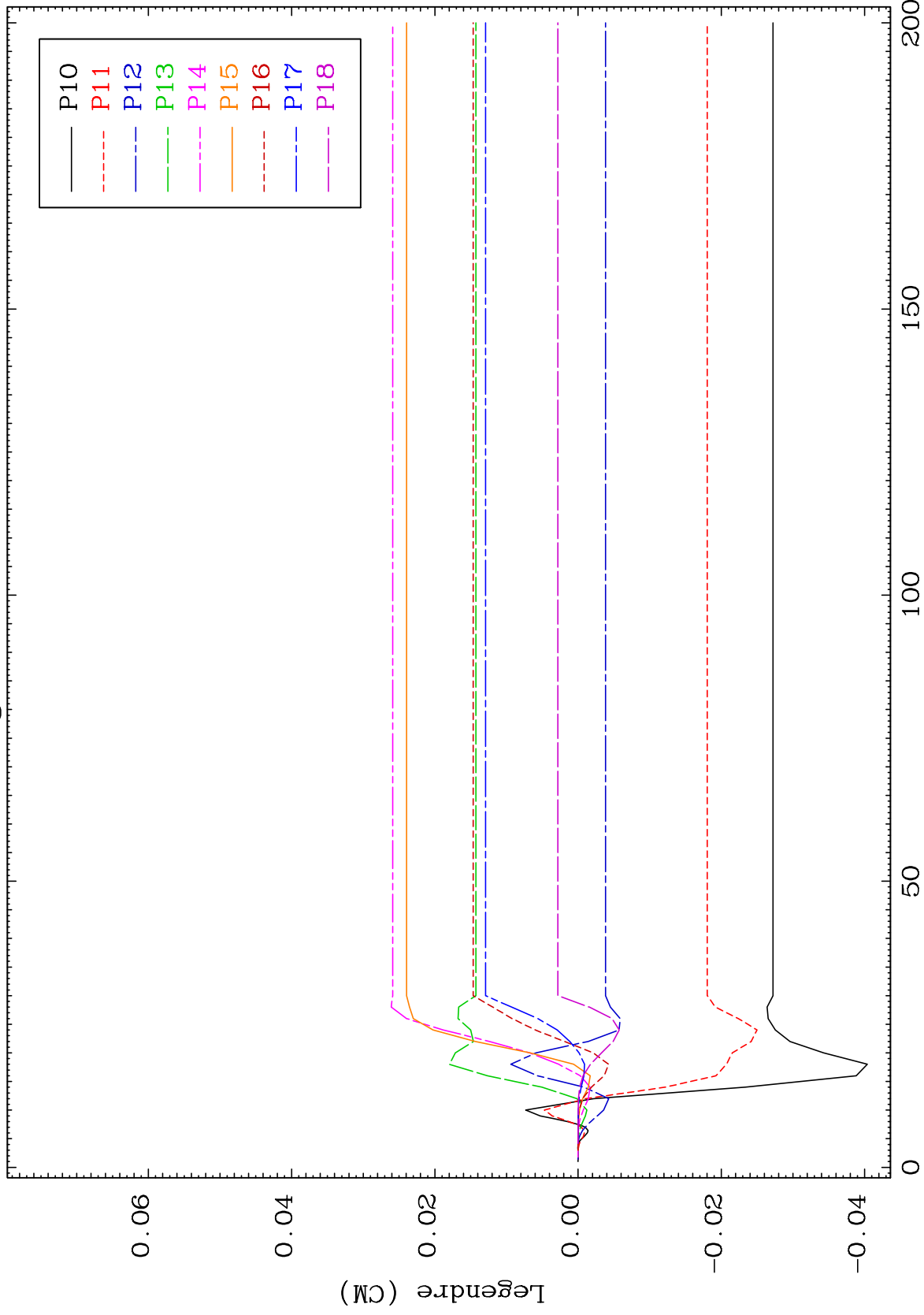
73-Ta-180



MAT 7325

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

73-Ta-180



51

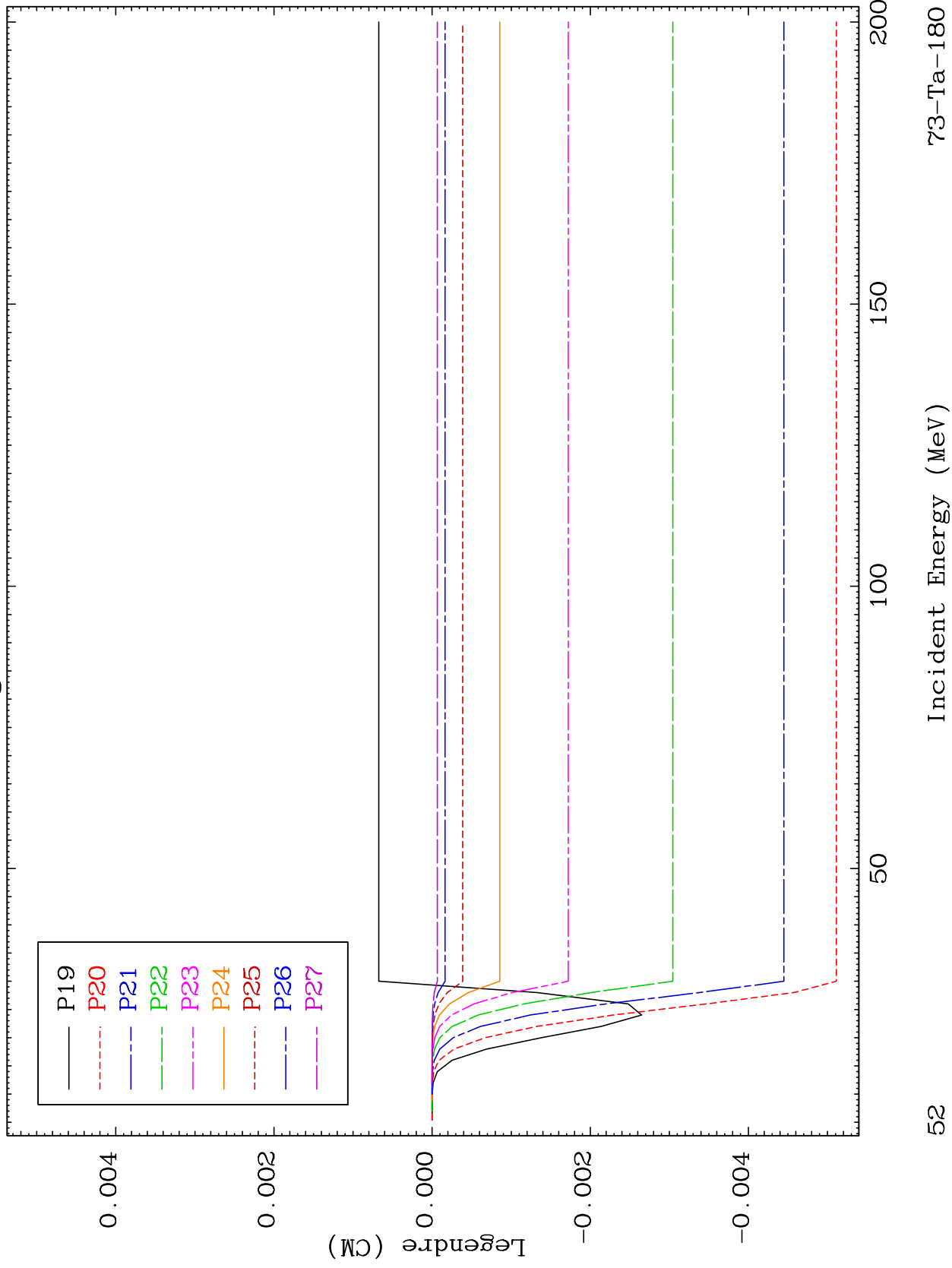
Incident Energy (MeV)

73-Ta-180

MAT 7325

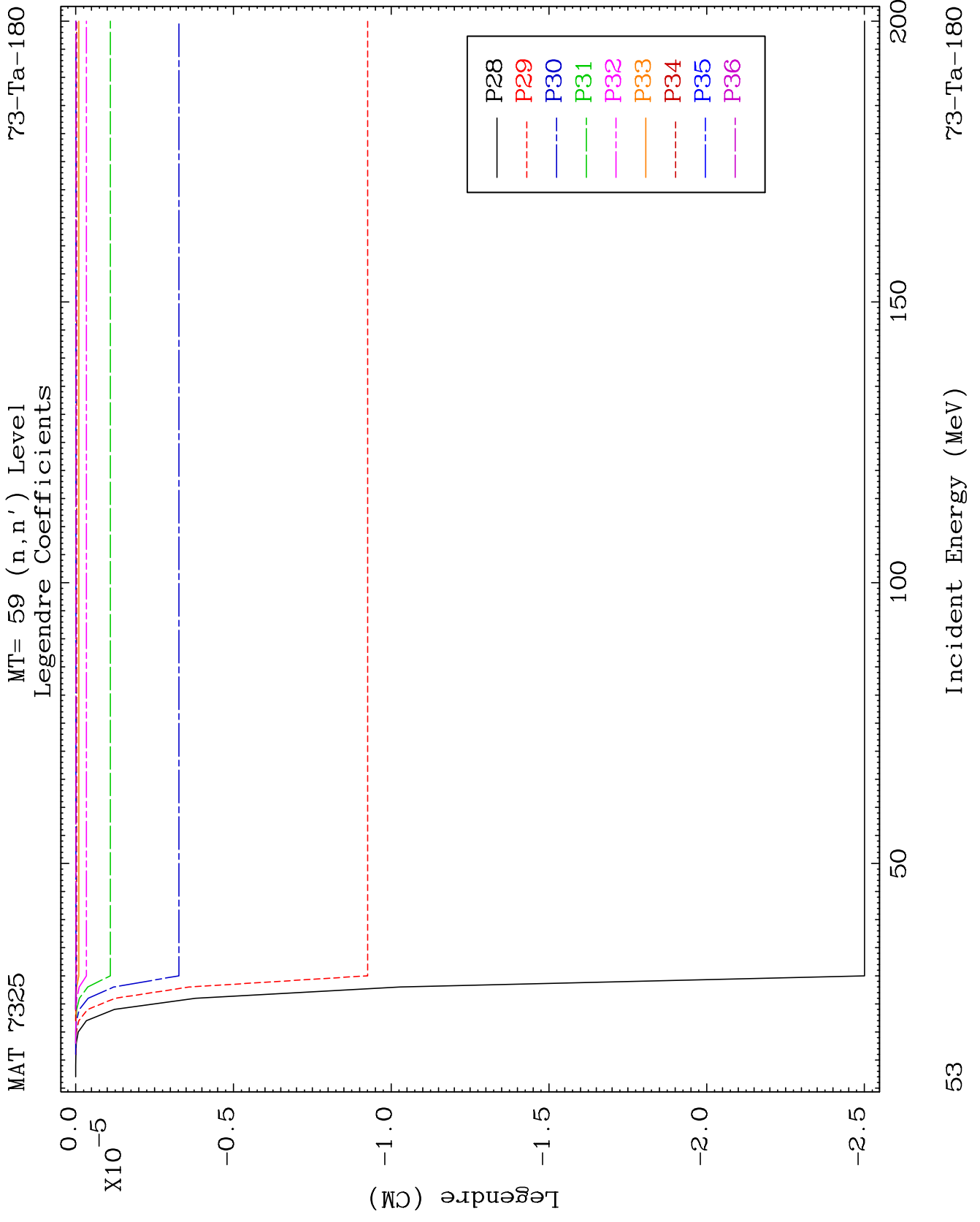
MT= 59 (n,n') Level
Legendre Coefficients

73-Ta-180



52

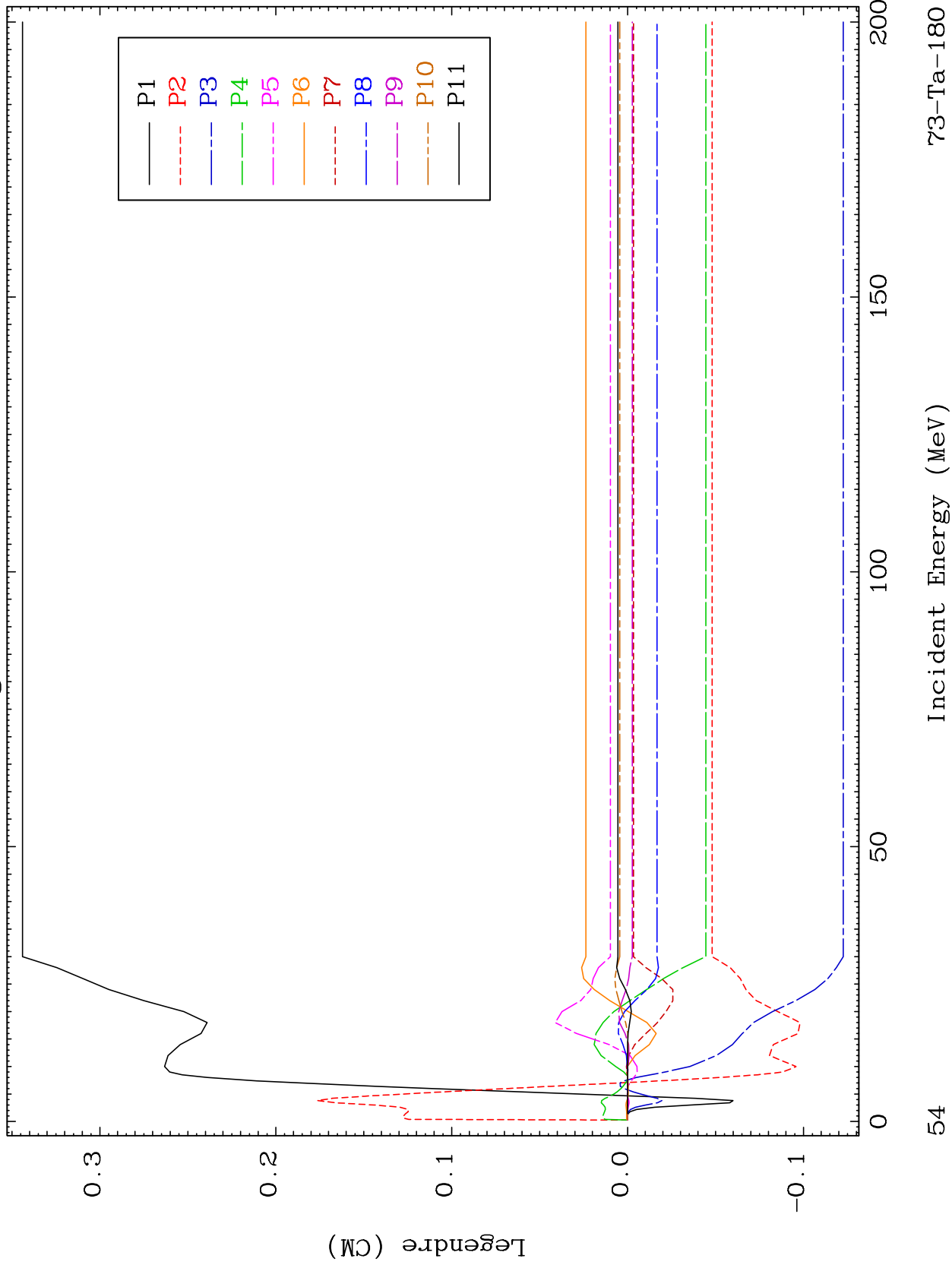
73-Ta-180



MAT 7325

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

73-Ta-180



73-Ta-180

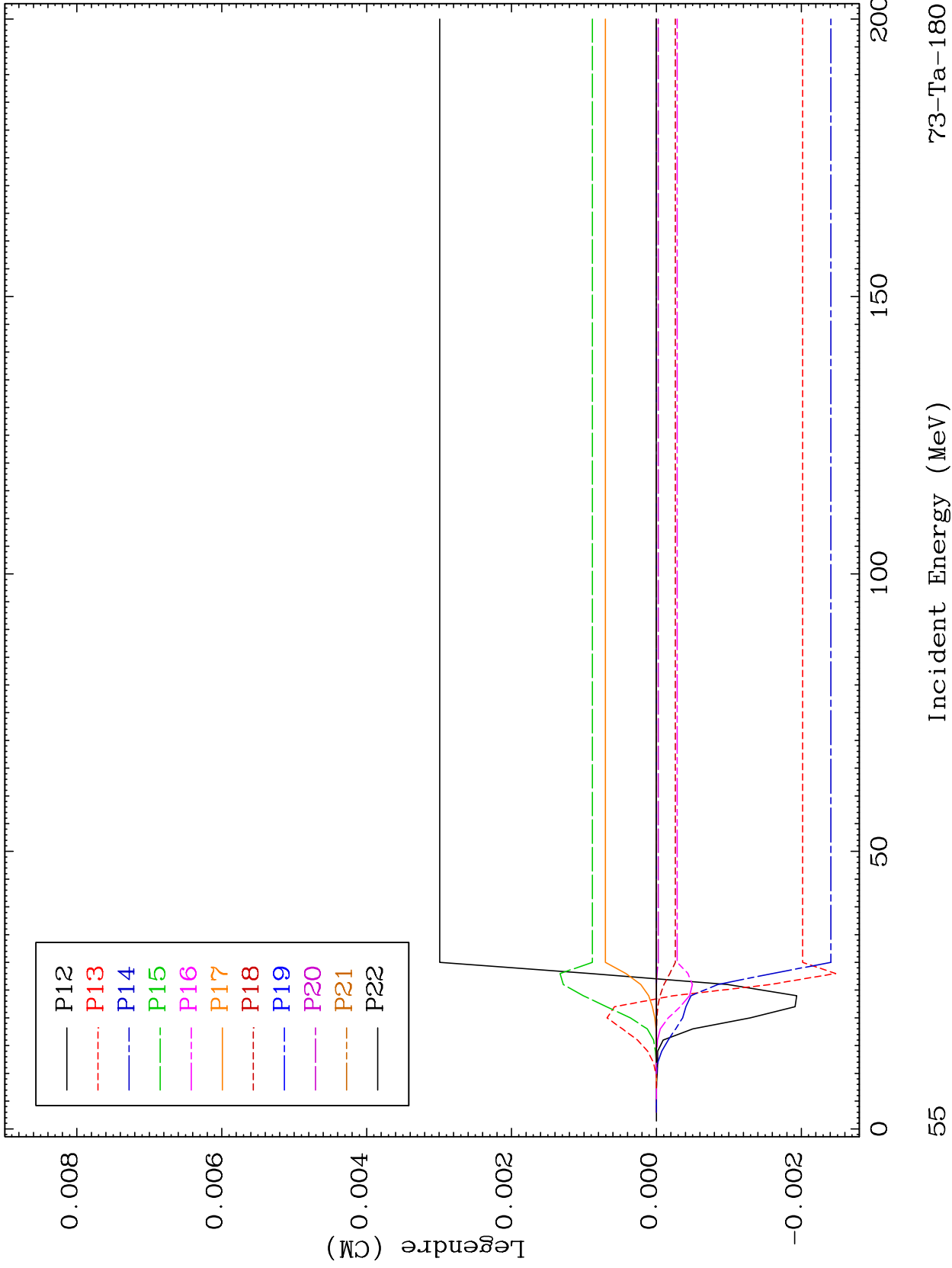
Incident Energy (MeV)

54

MAT 7325

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

73-Ta-180



55

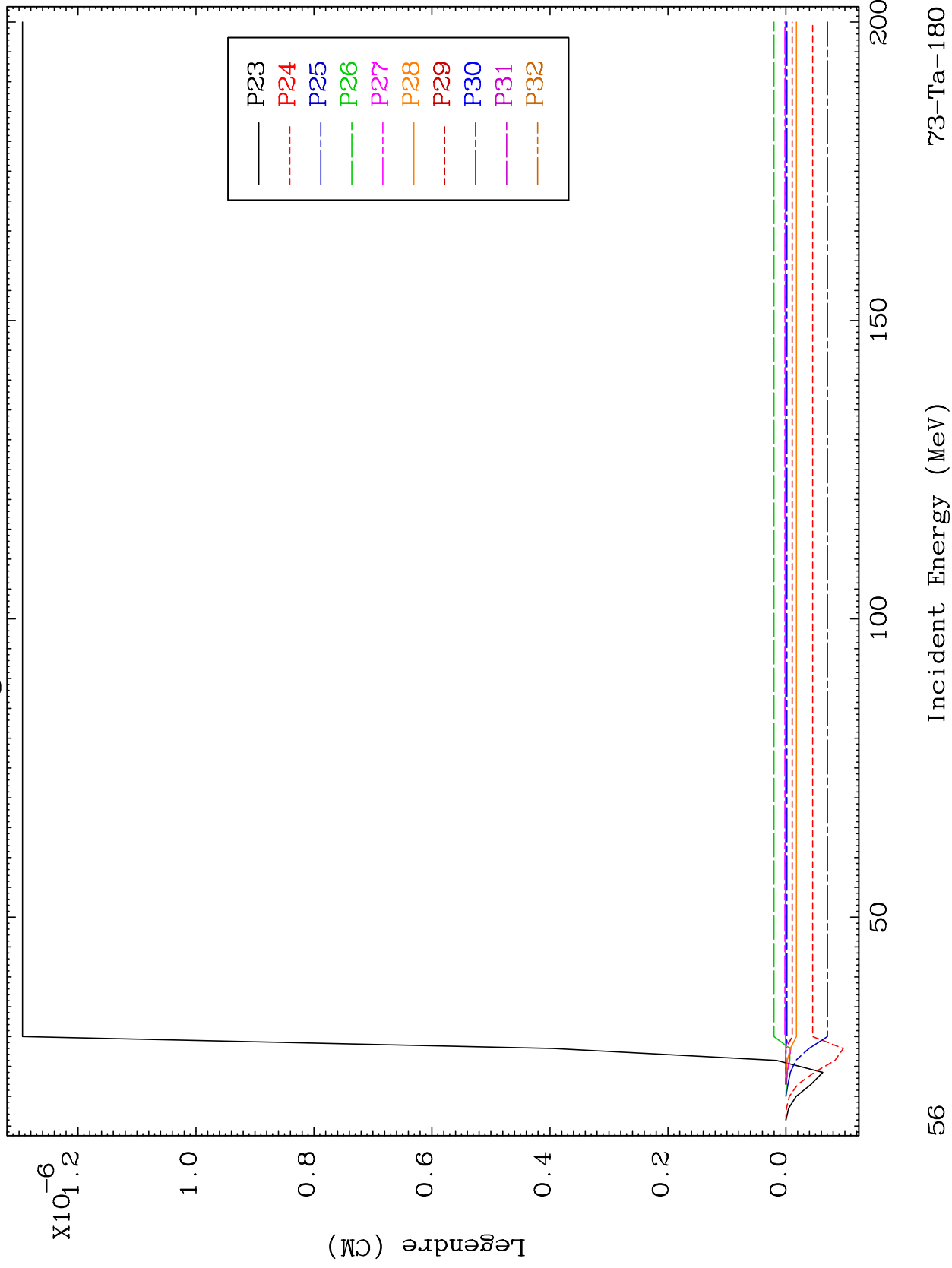
Incident Energy (MeV)

73-Ta-180

MAT 7325

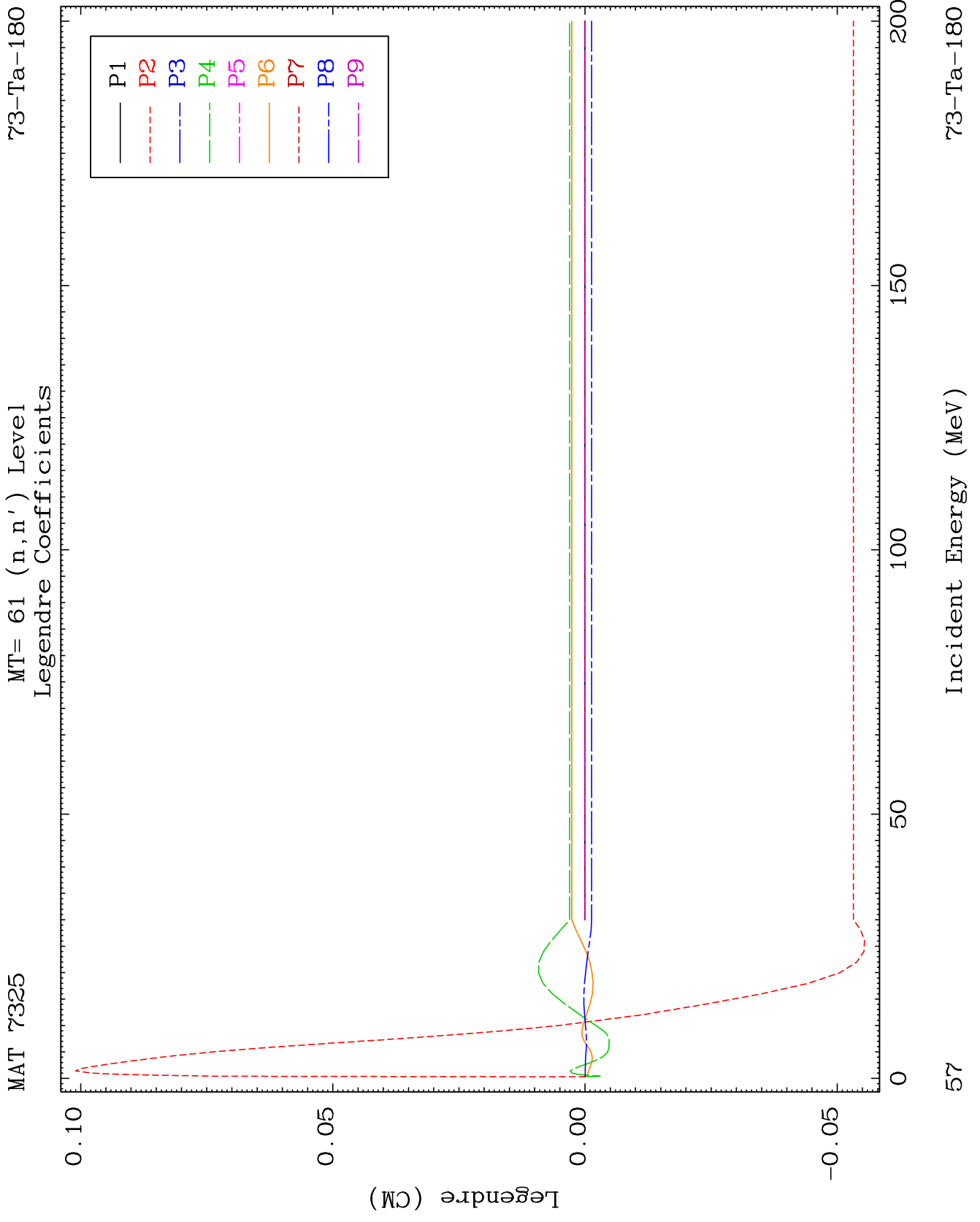
MT= 60 (n,n') Level
Legendre Coefficients

73-Ta-180



56

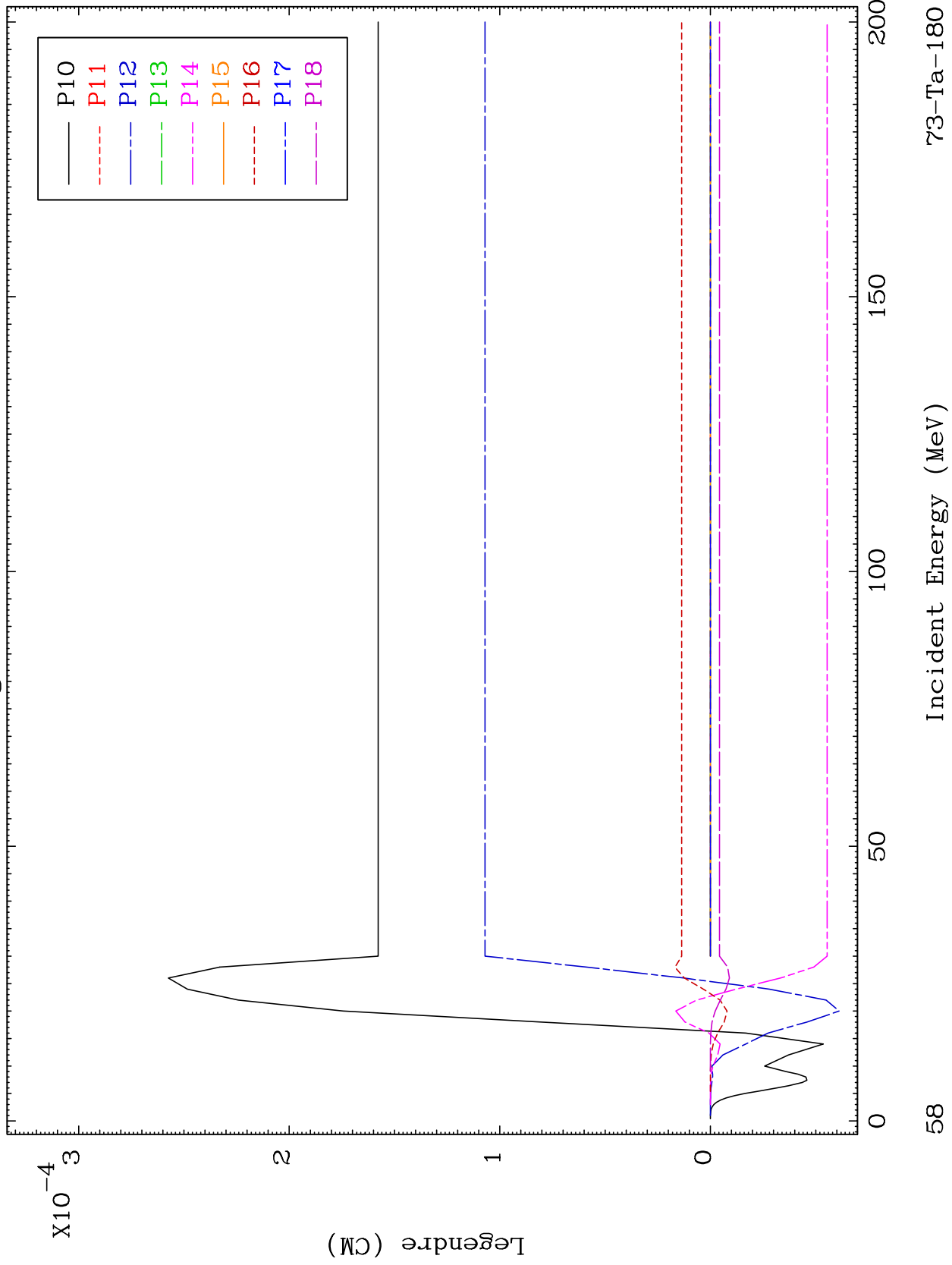
73-Ta-180



MAT 7325

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

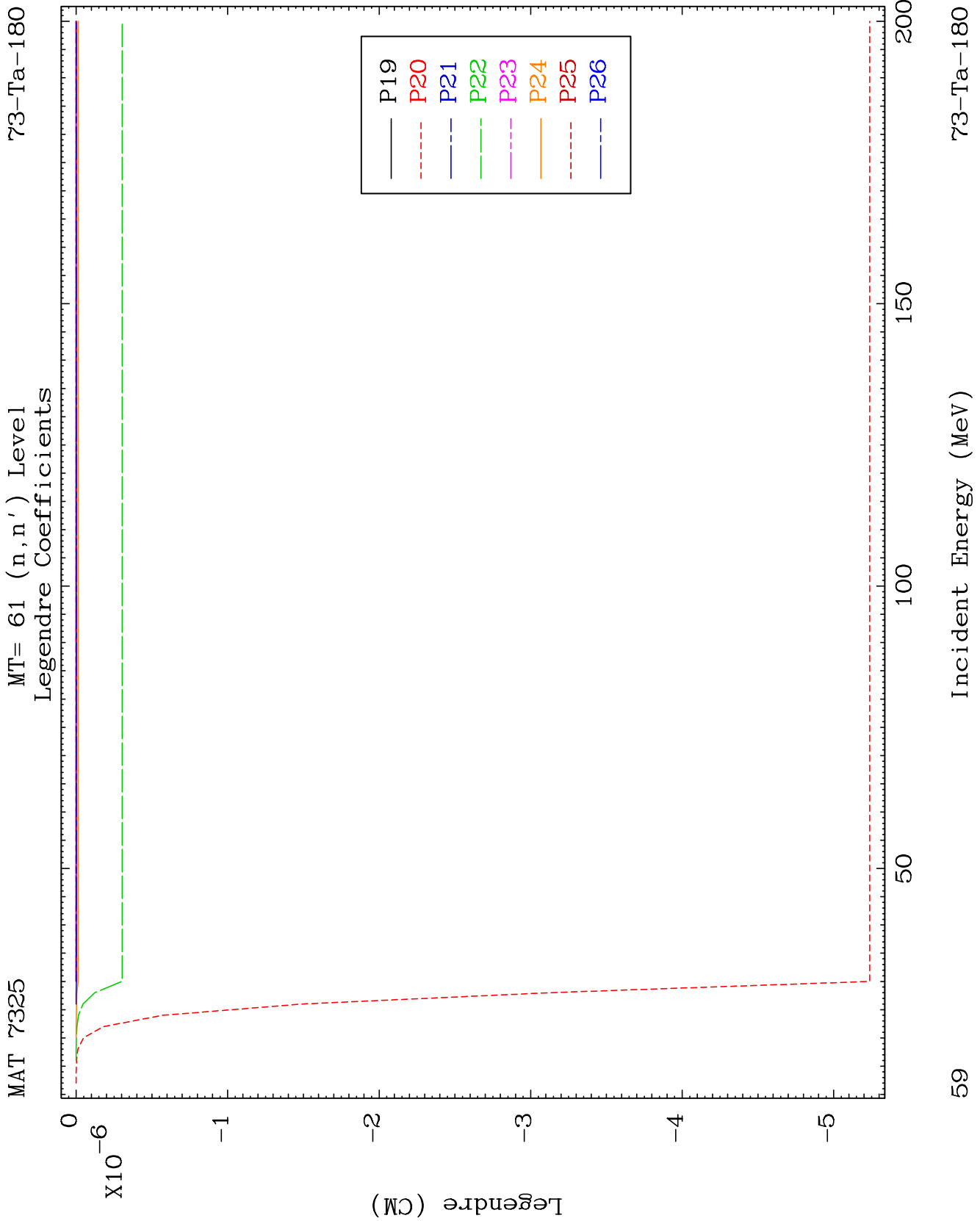
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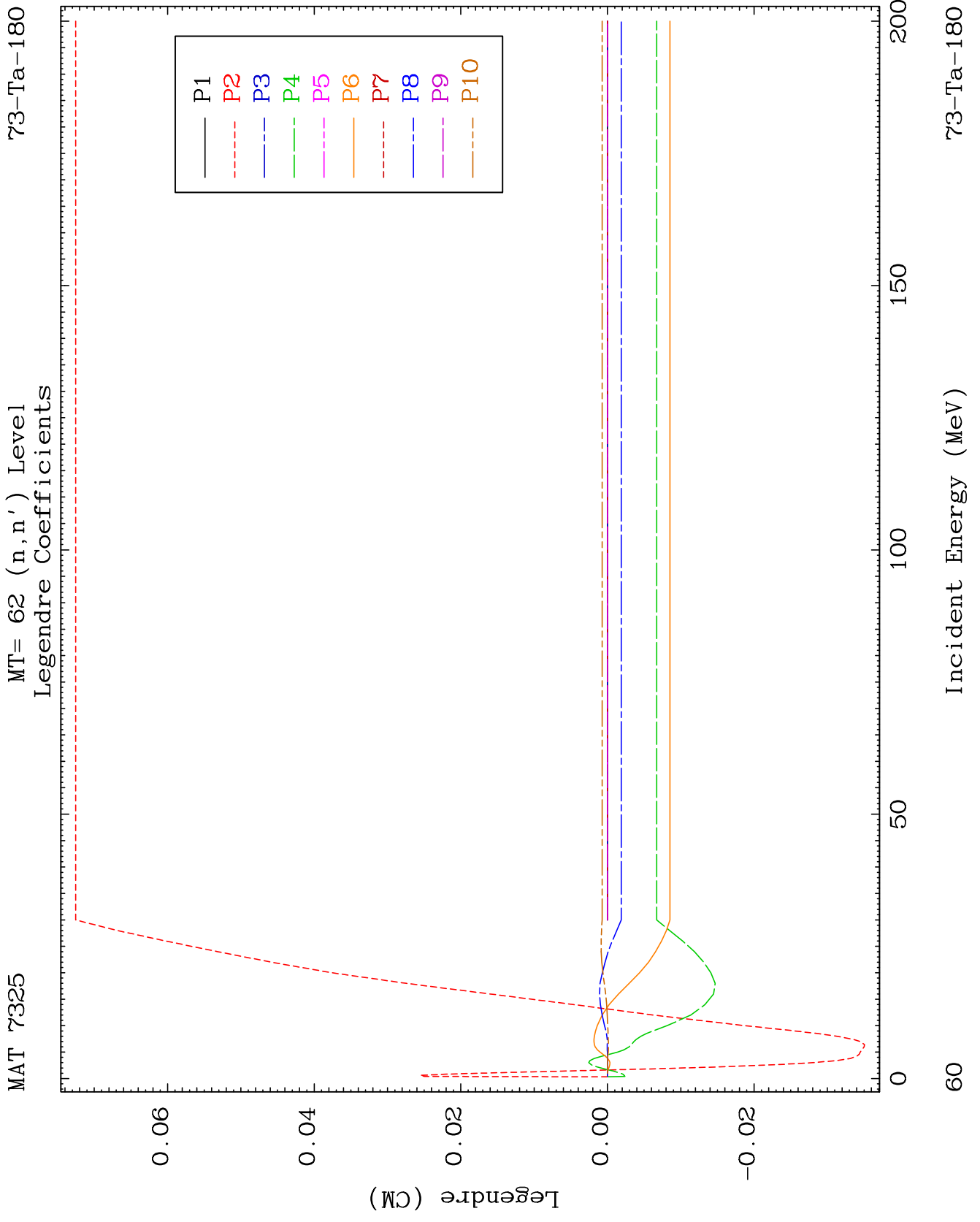


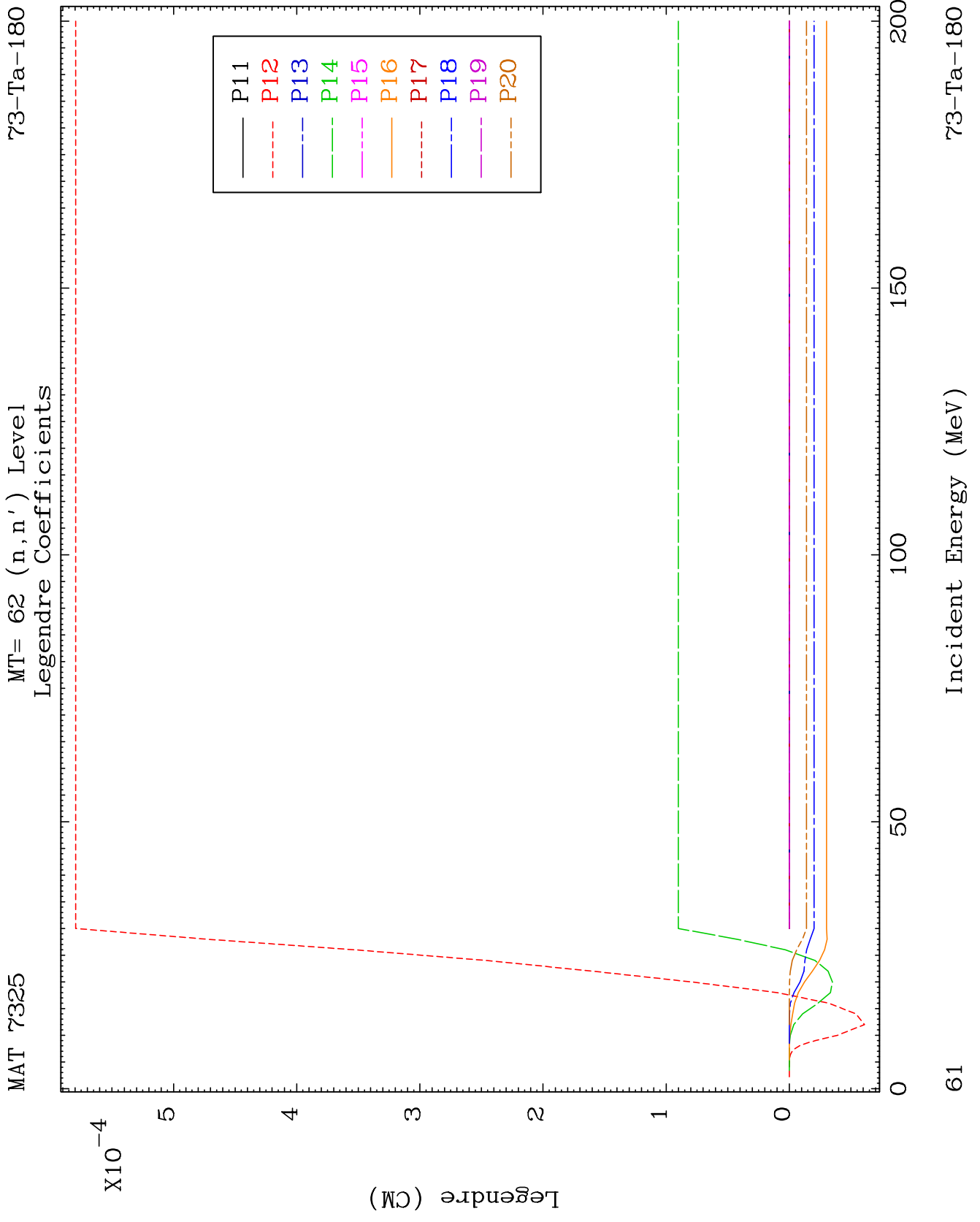
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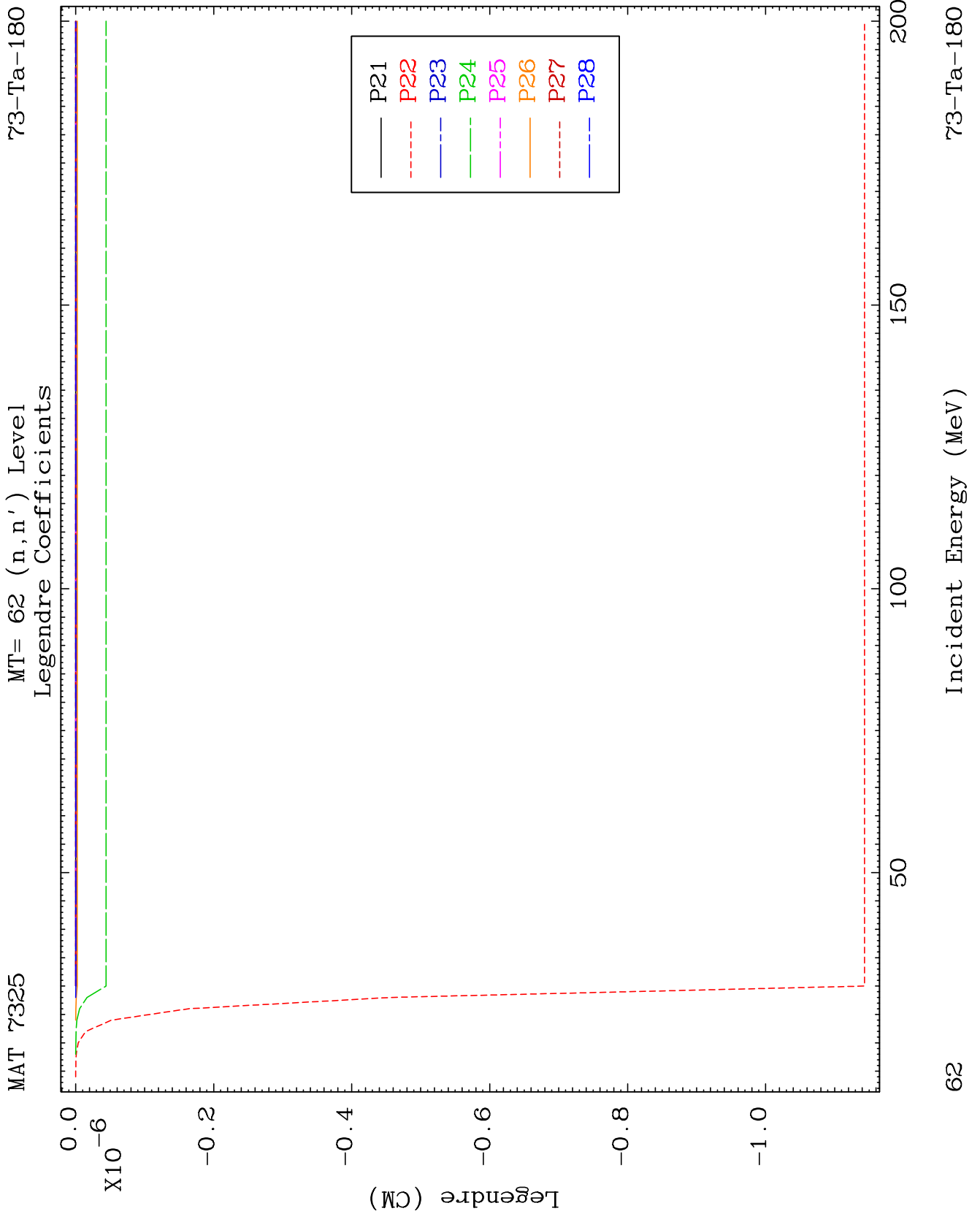
Incident Energy (MeV)

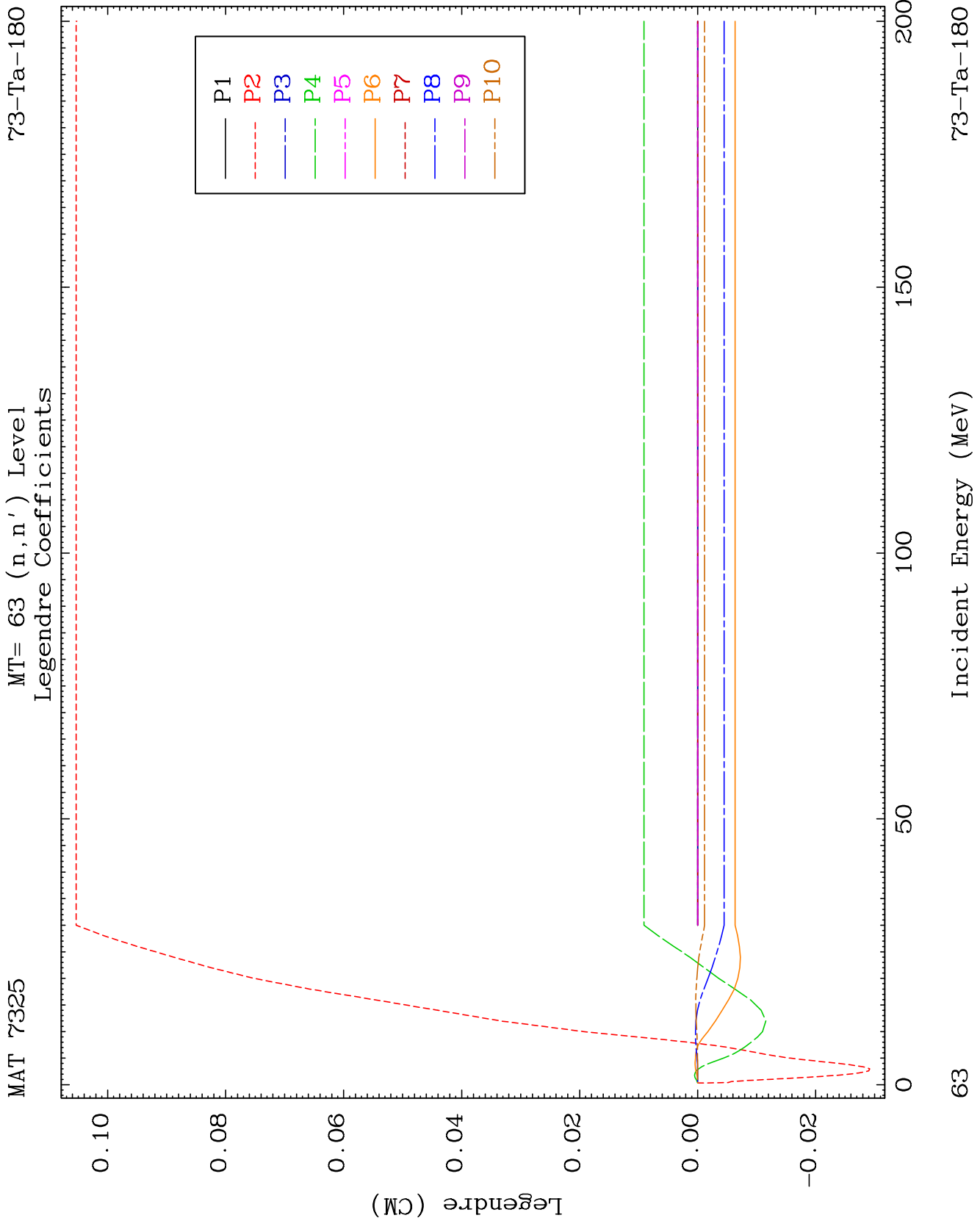
73-Ta-180







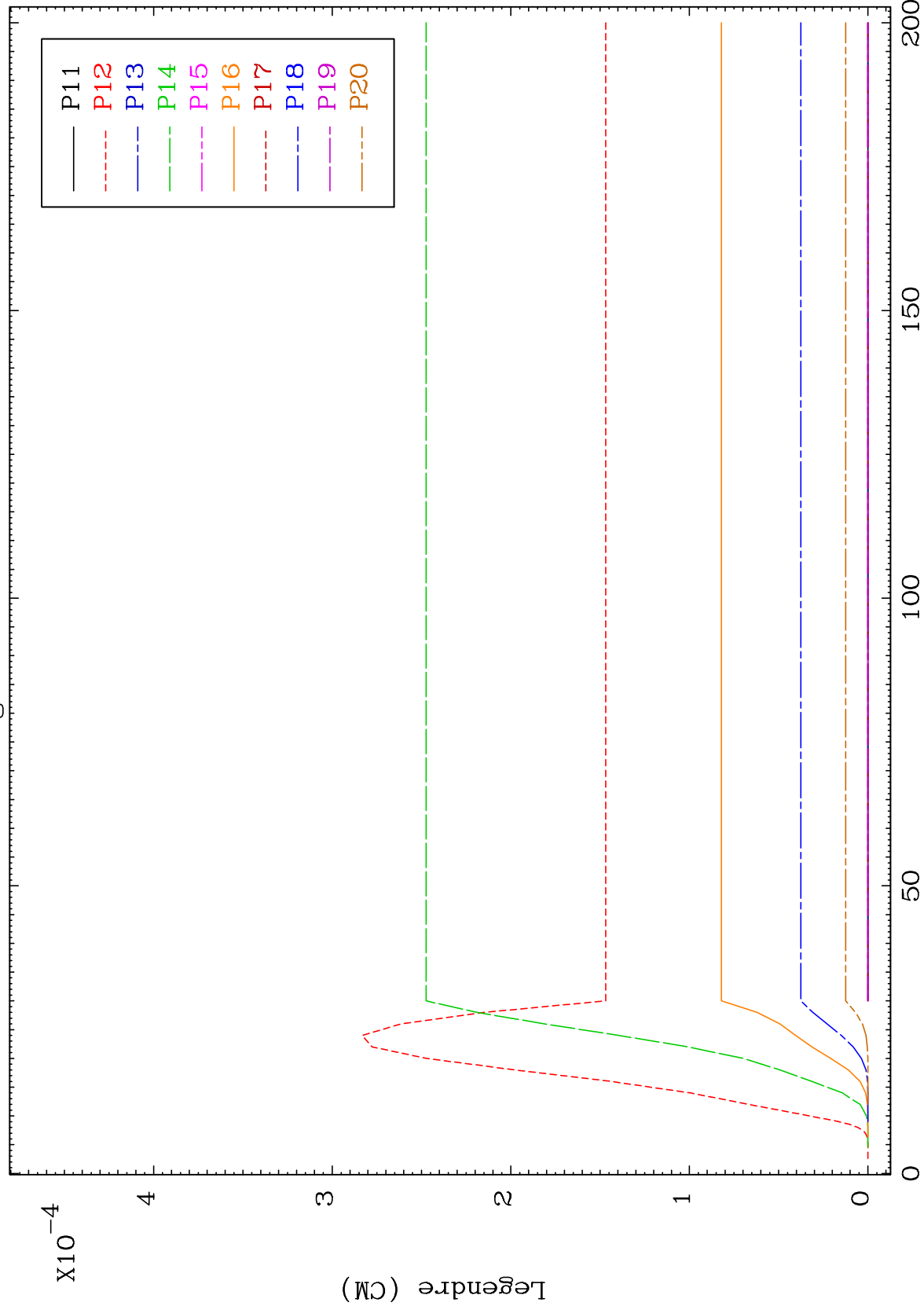




MAT 7325

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

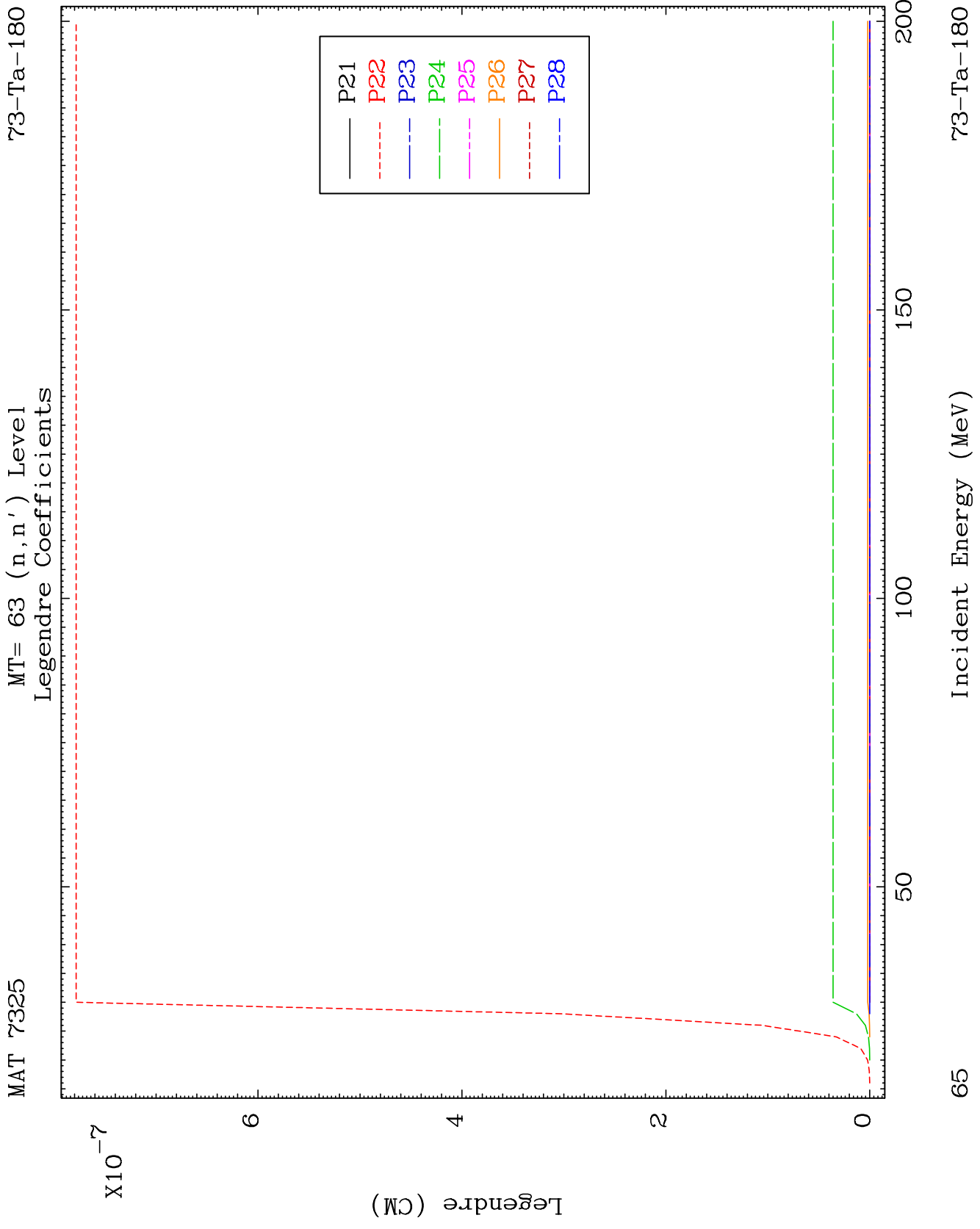
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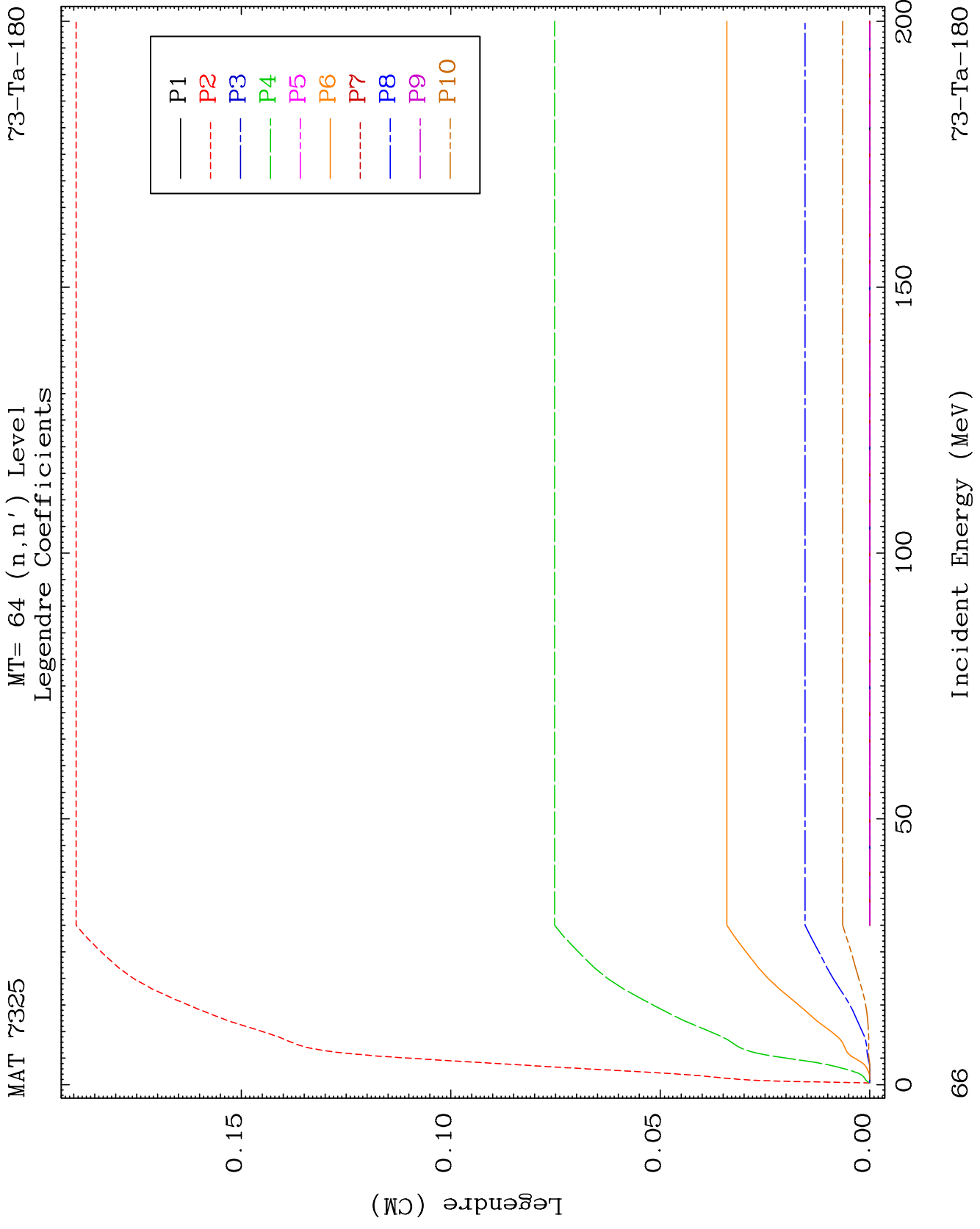


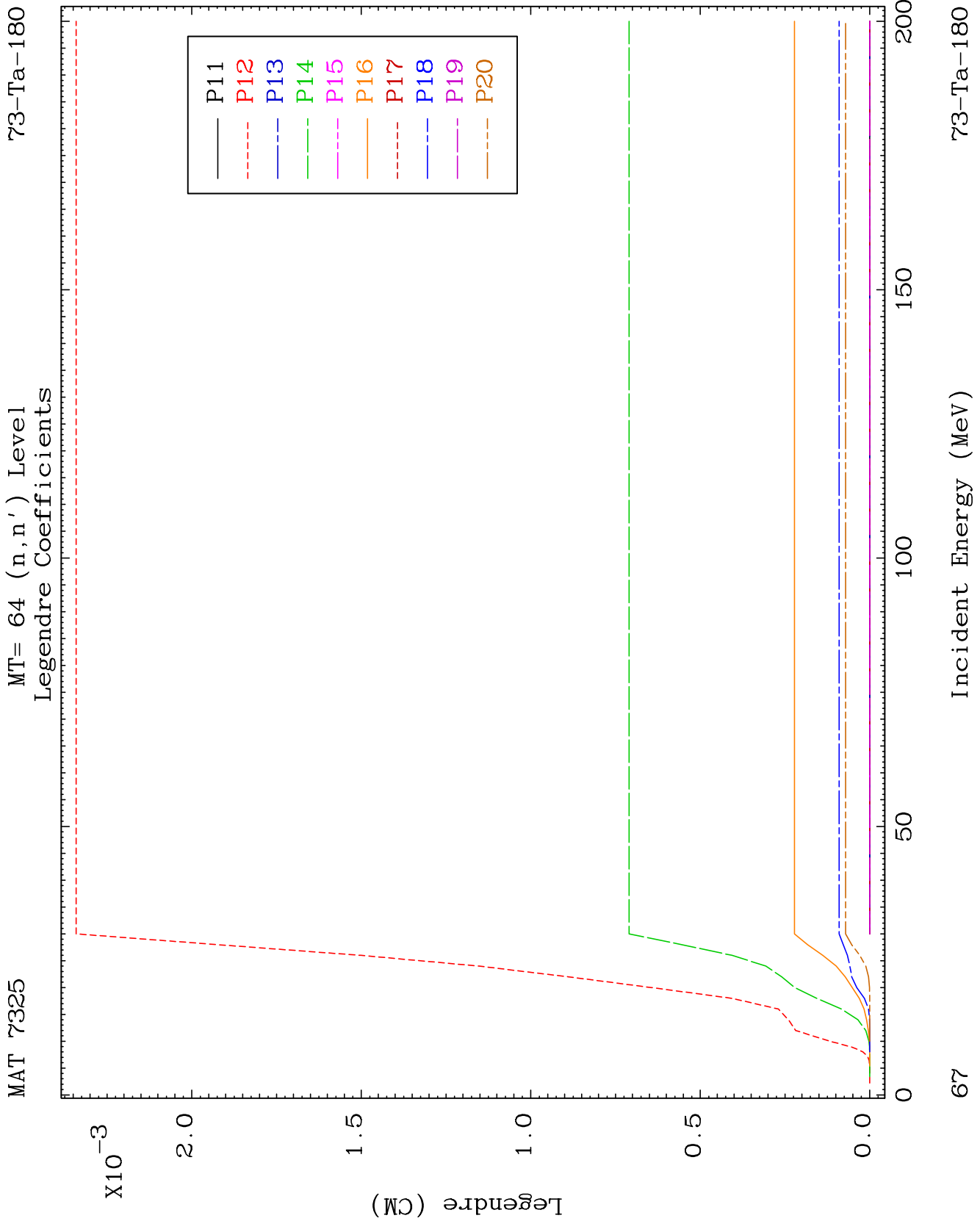
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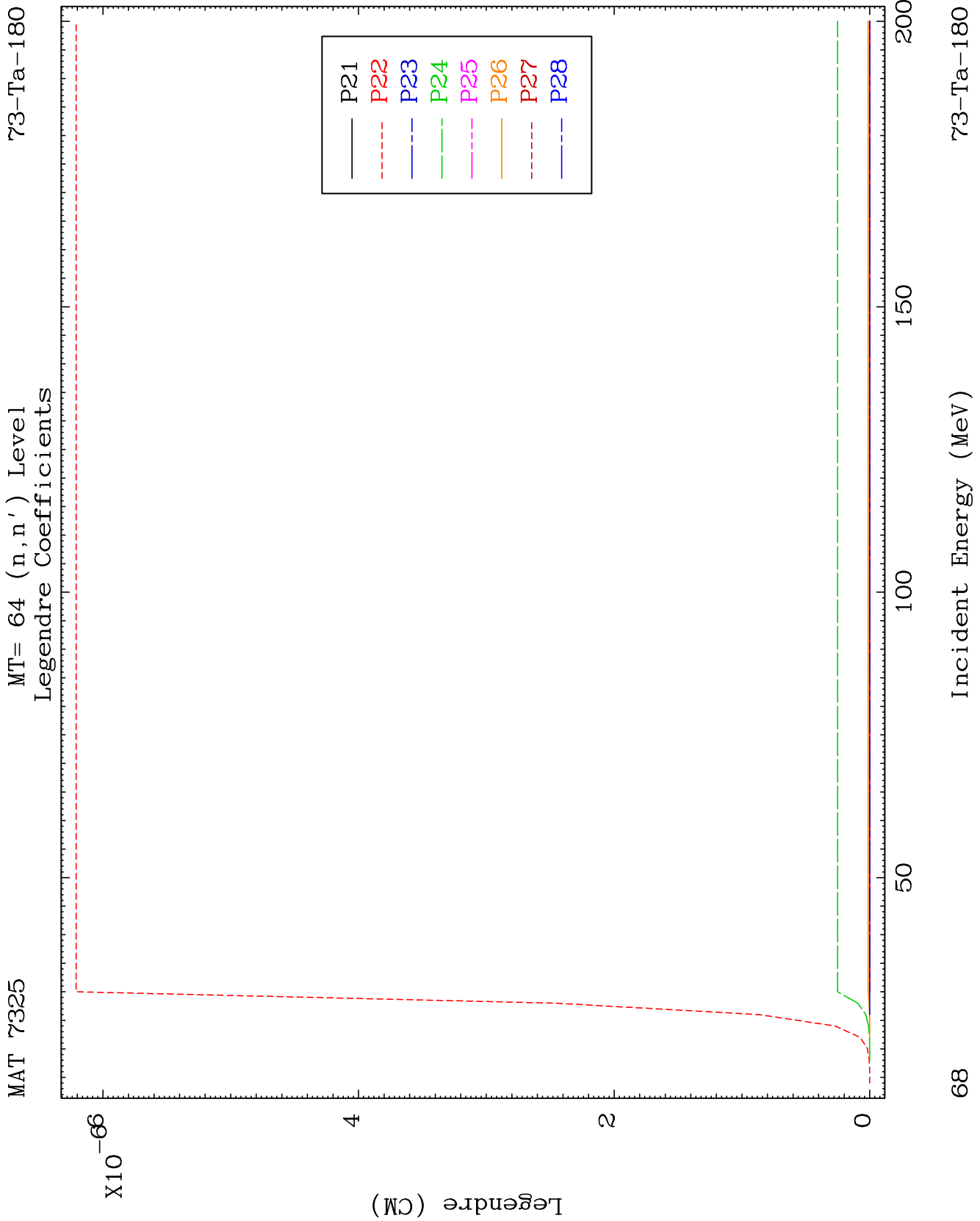
Incident Energy (MeV)

73-Ta-180





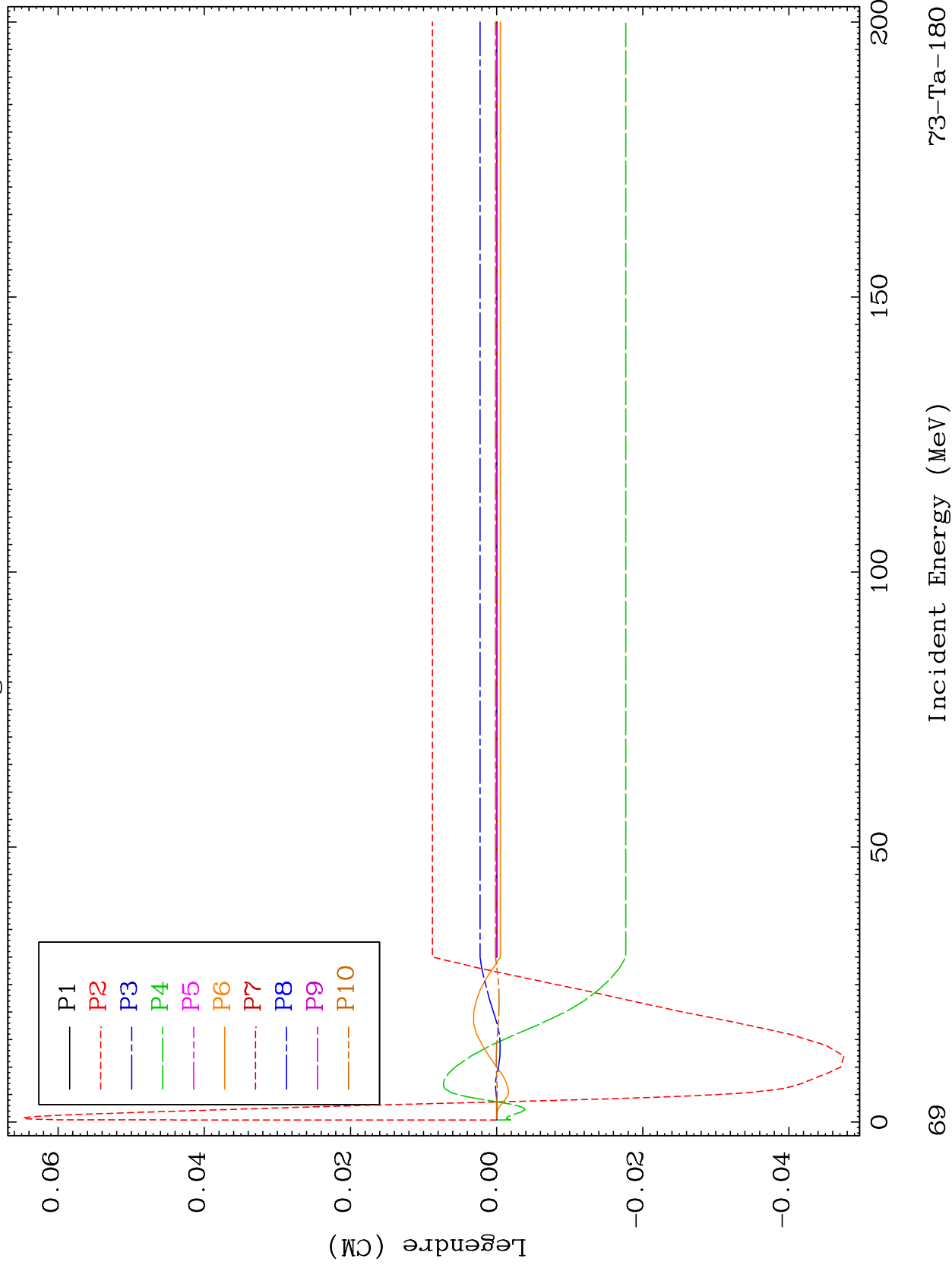




MAT 7325

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

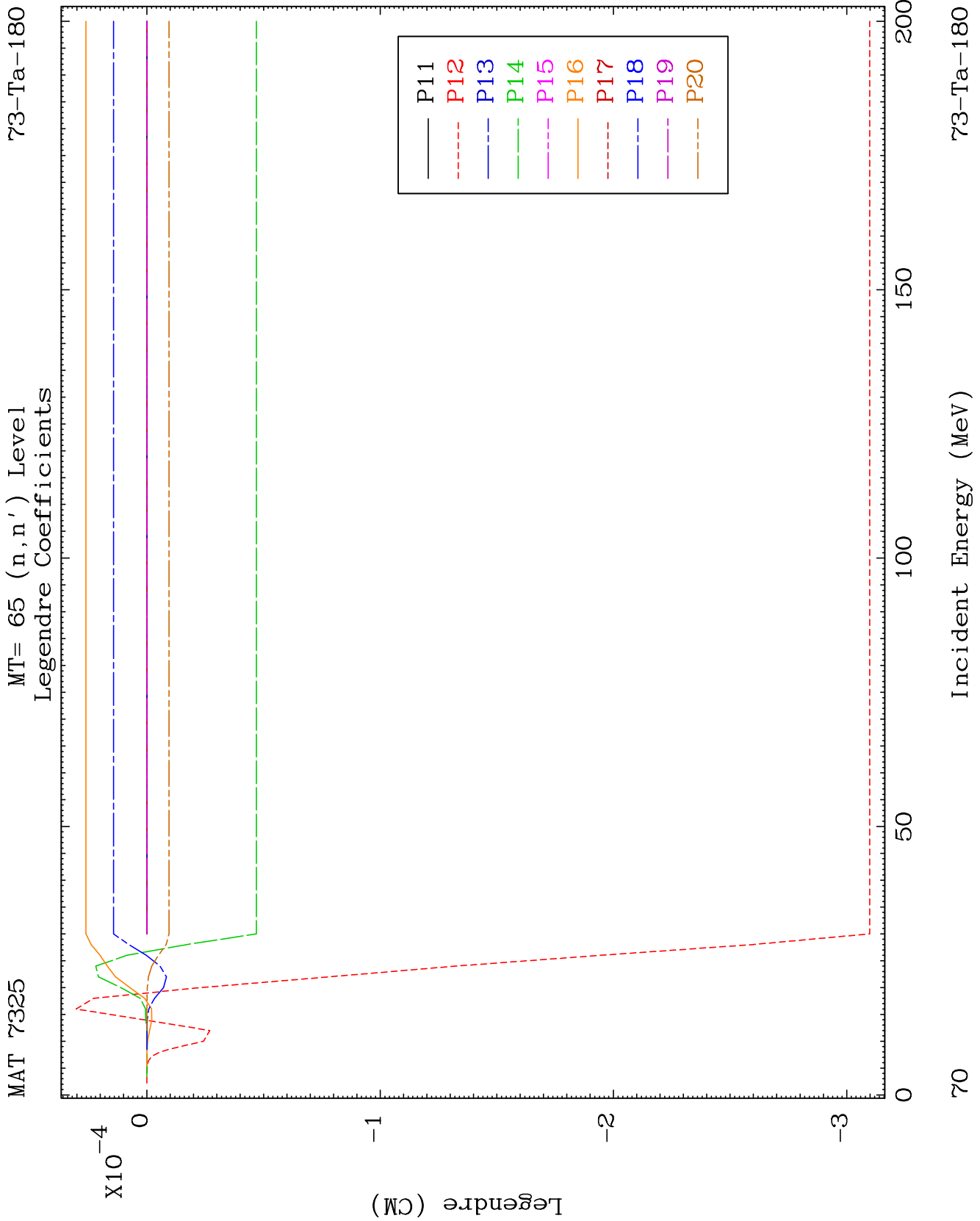
73-Ta-180

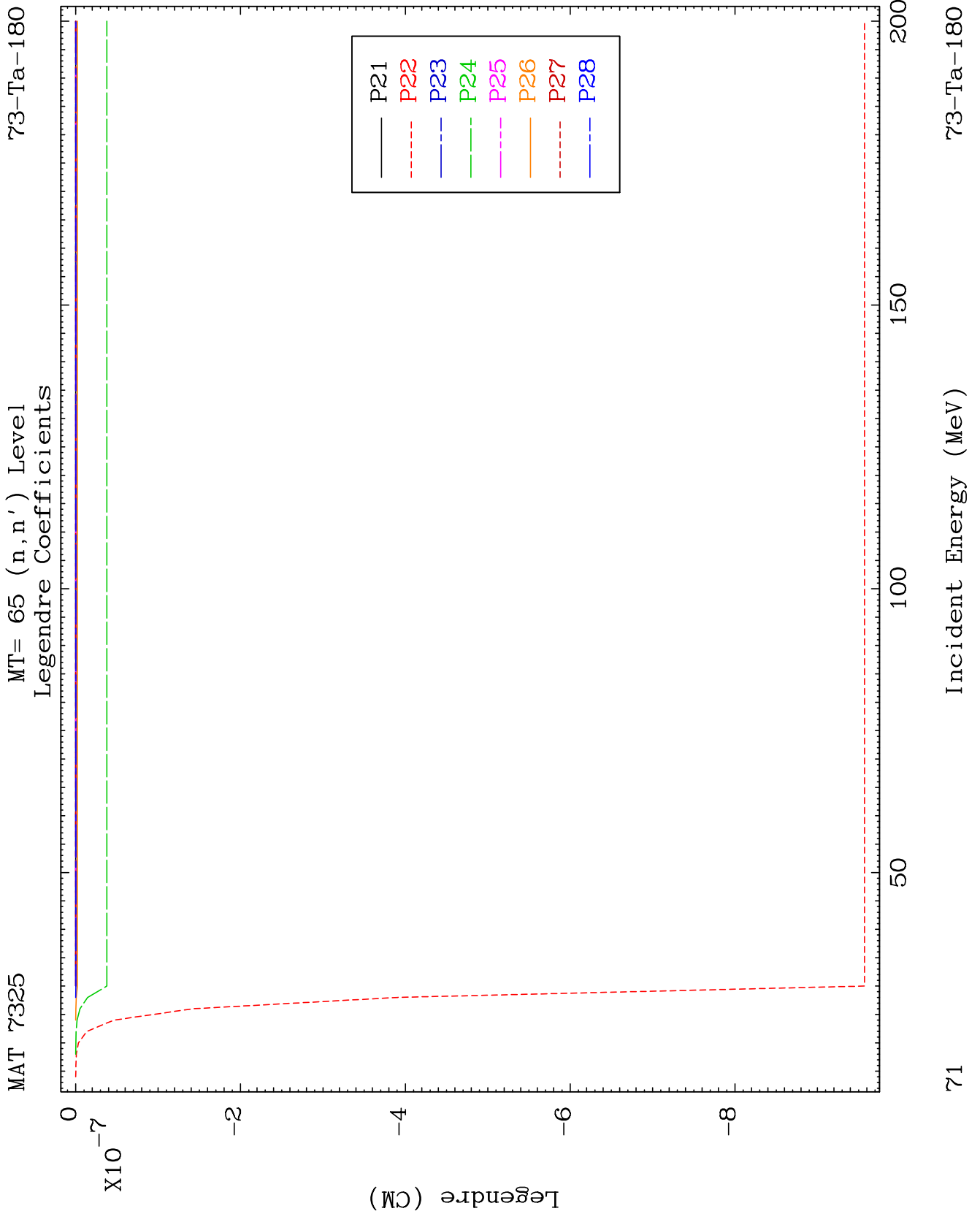


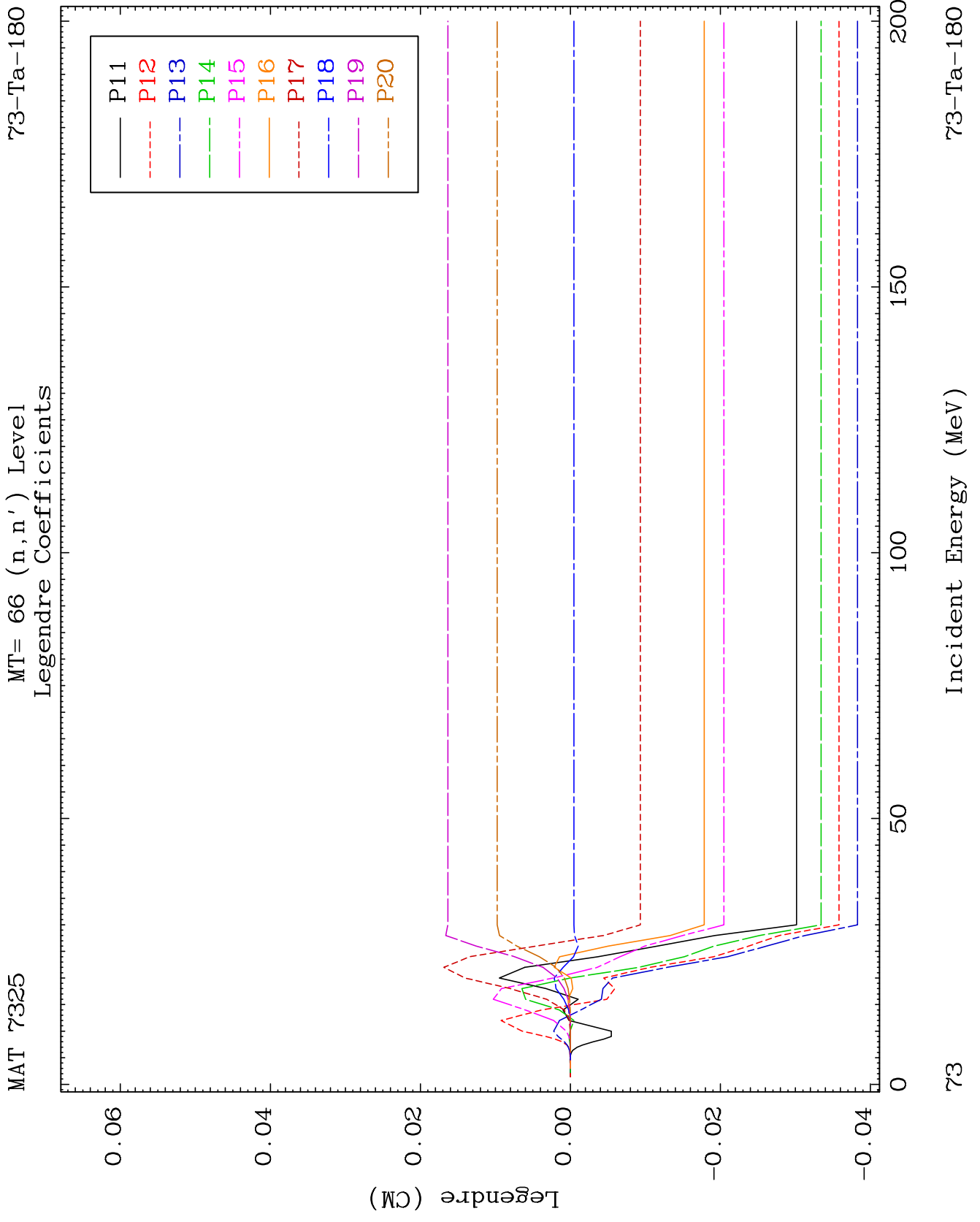
69

Incident Energy (MeV)

73-Ta-180



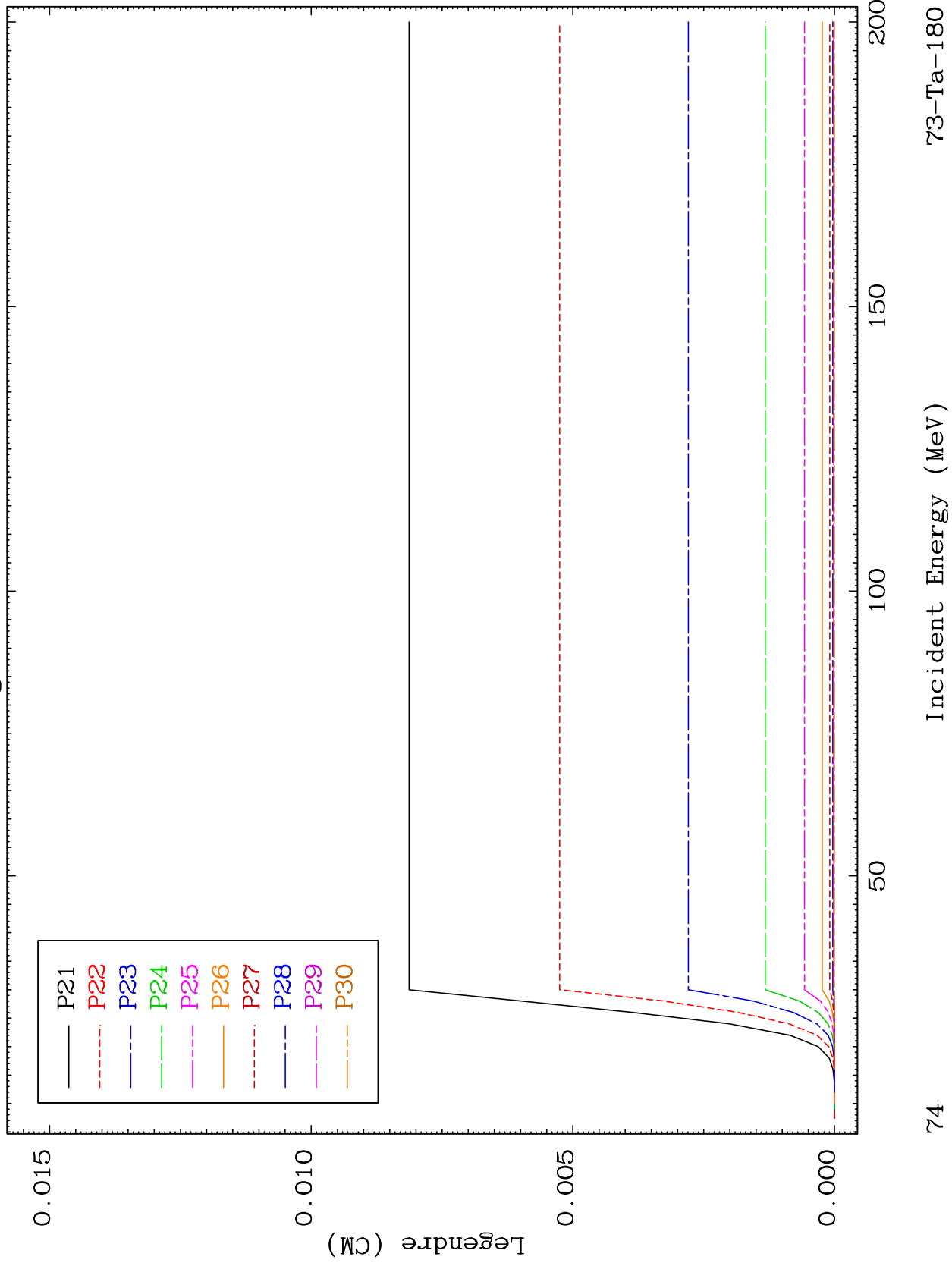




MAT 7325

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

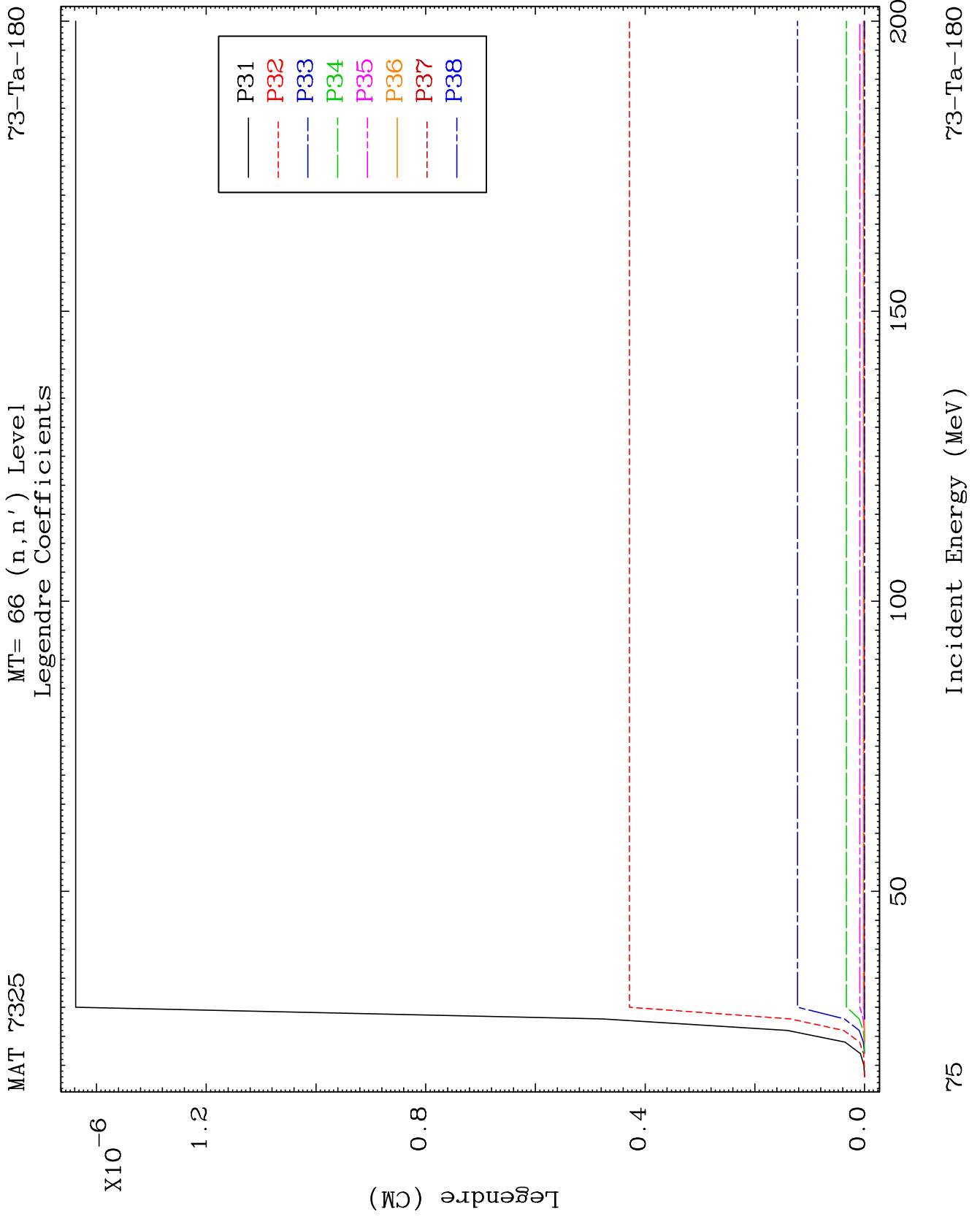
73-Ta-180

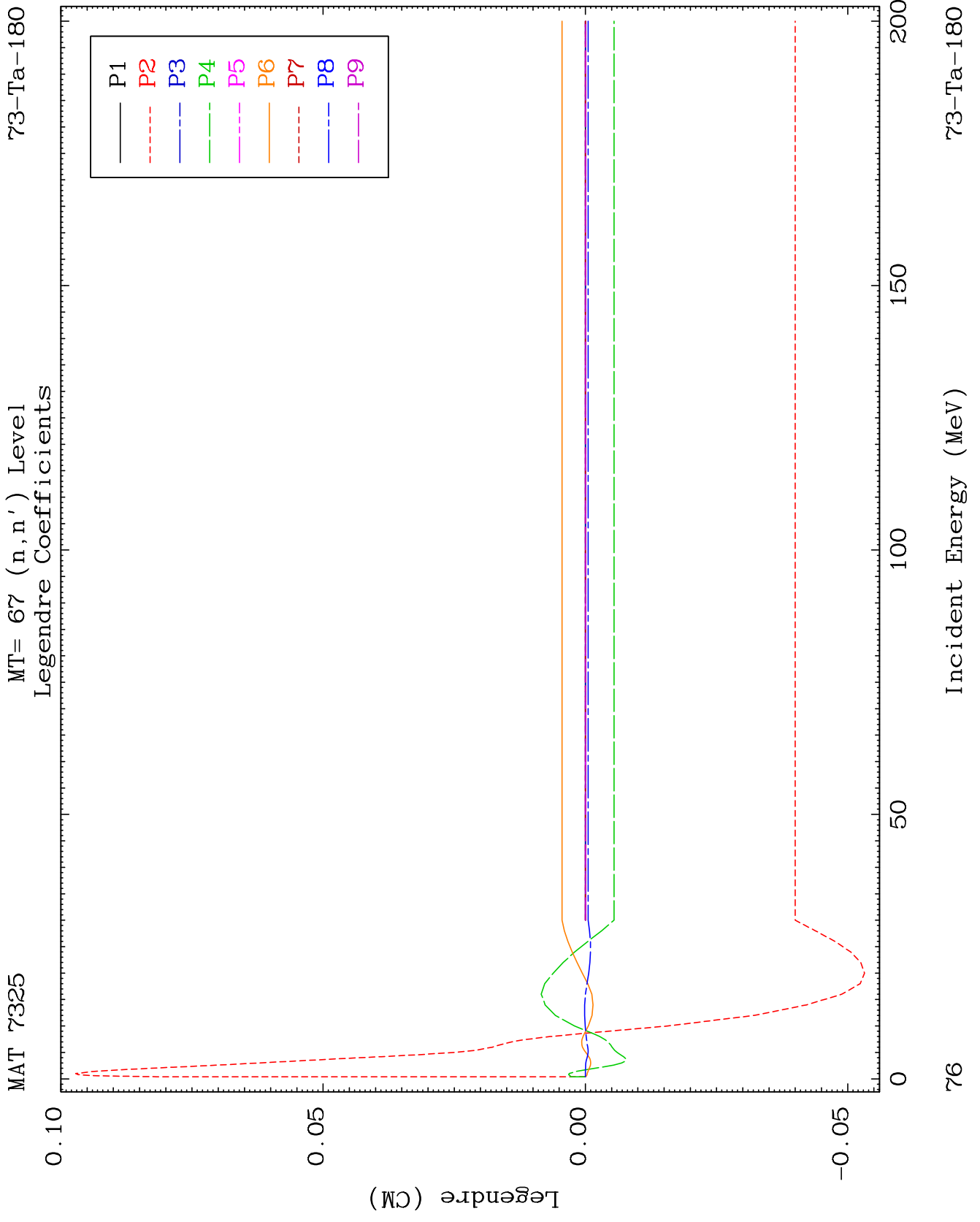


74

Incident Energy (MeV)

73-Ta-180

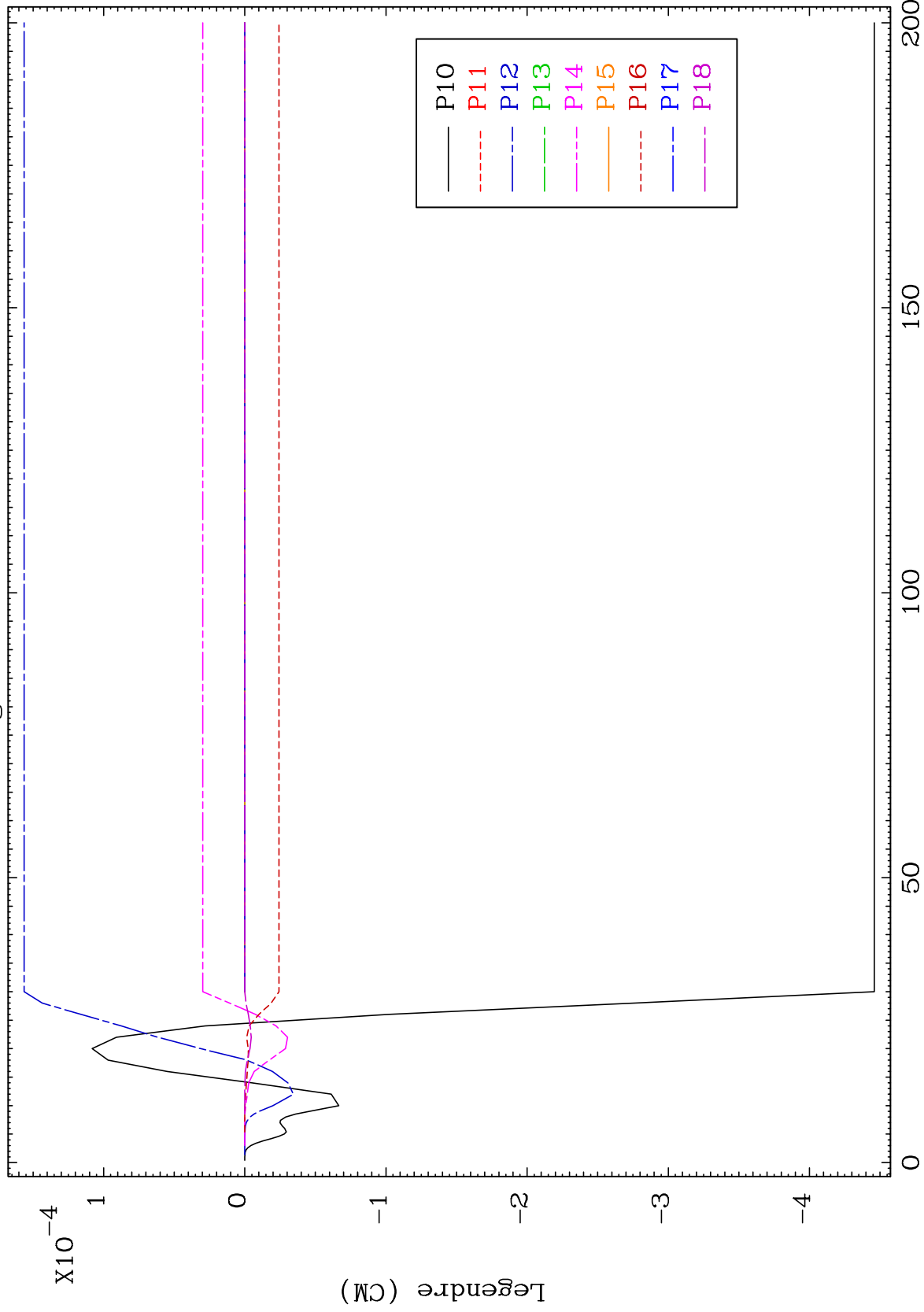




MAT 7325

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

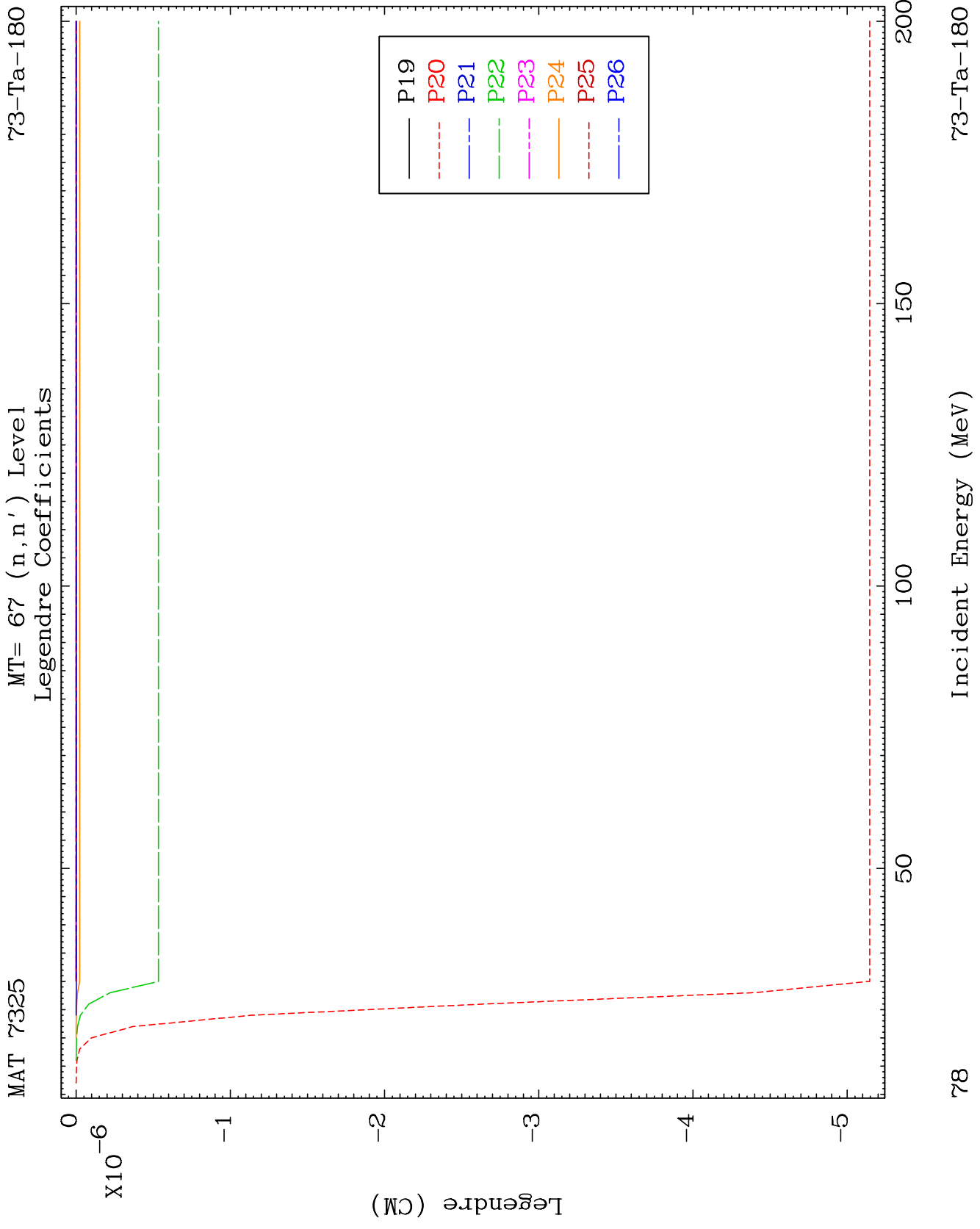
73-Ta-180



77

Incident Energy (MeV)

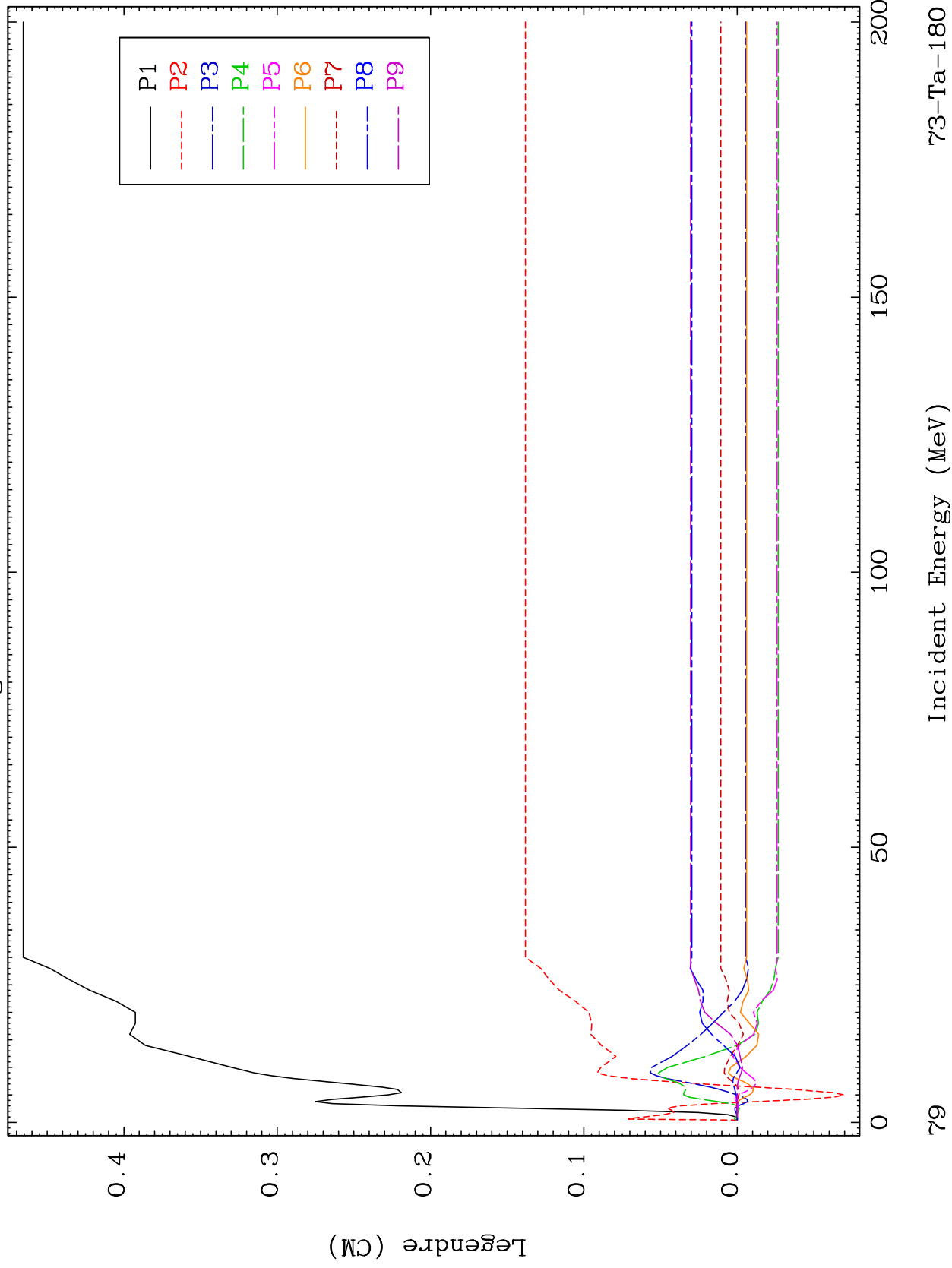
73-Ta-180



MAT 7325

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

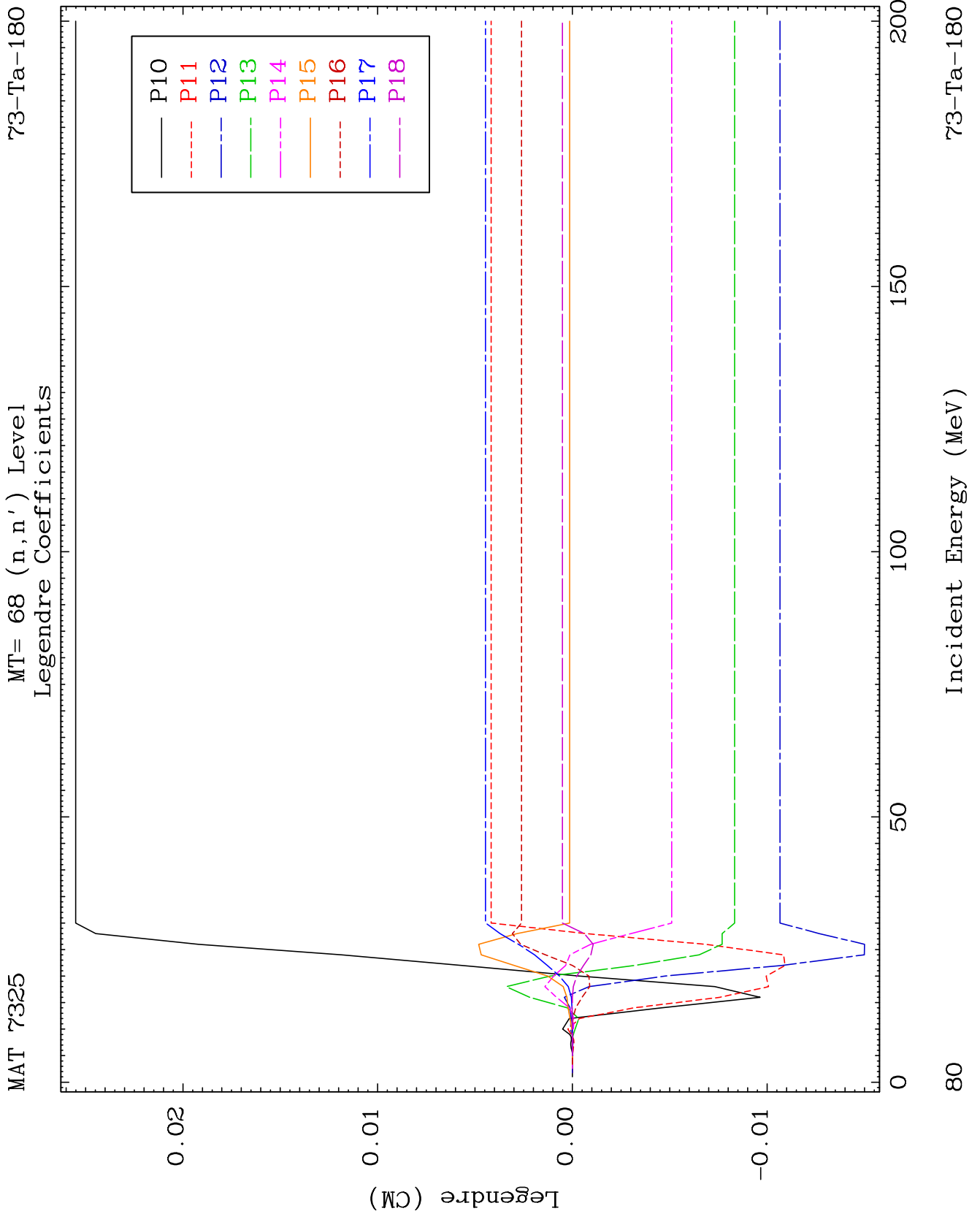
73-Ta-180



79

Incident Energy (MeV)

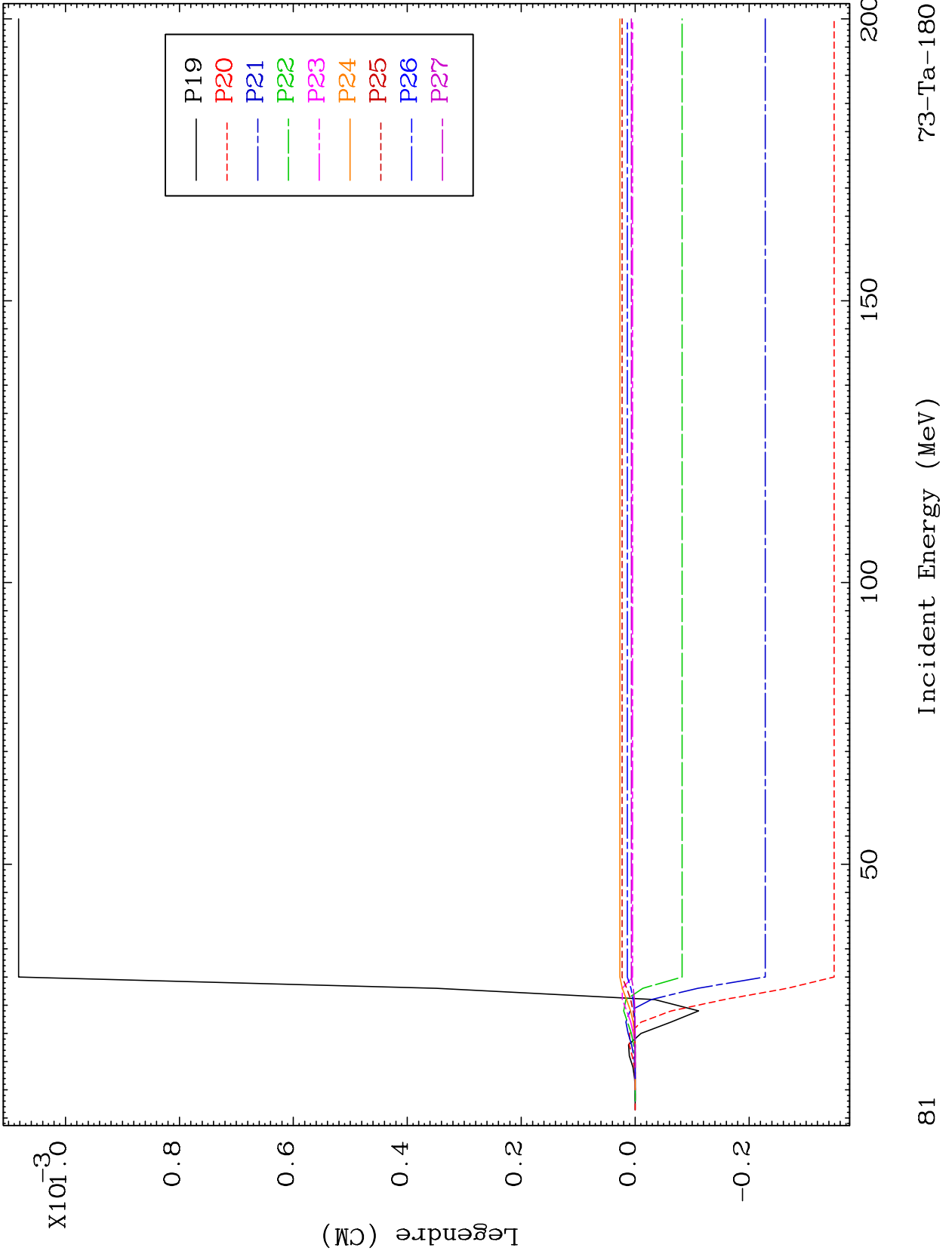
73-Ta-180



MAT 7325

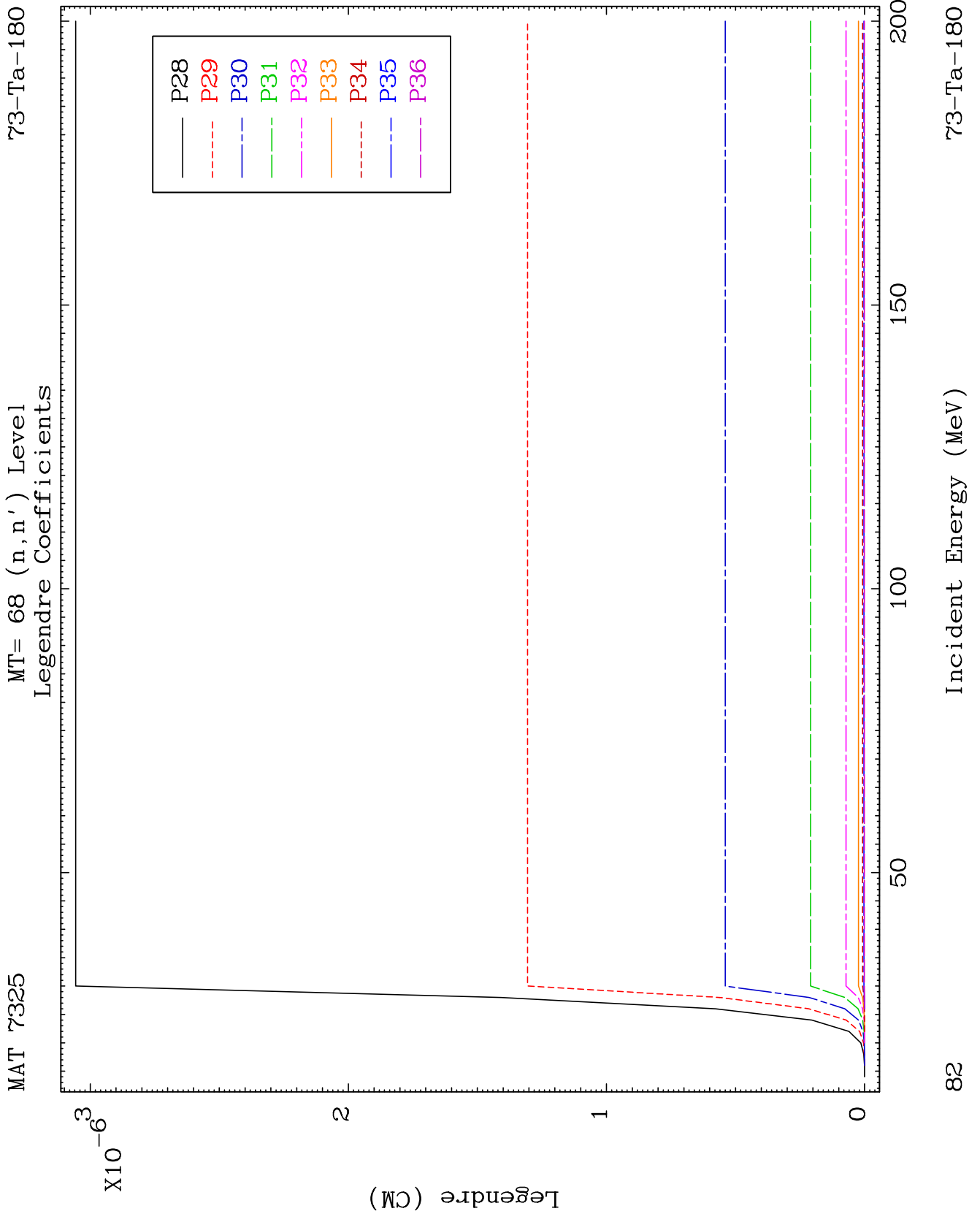
MT= 68 (n,n') Level
Legendre Coefficients

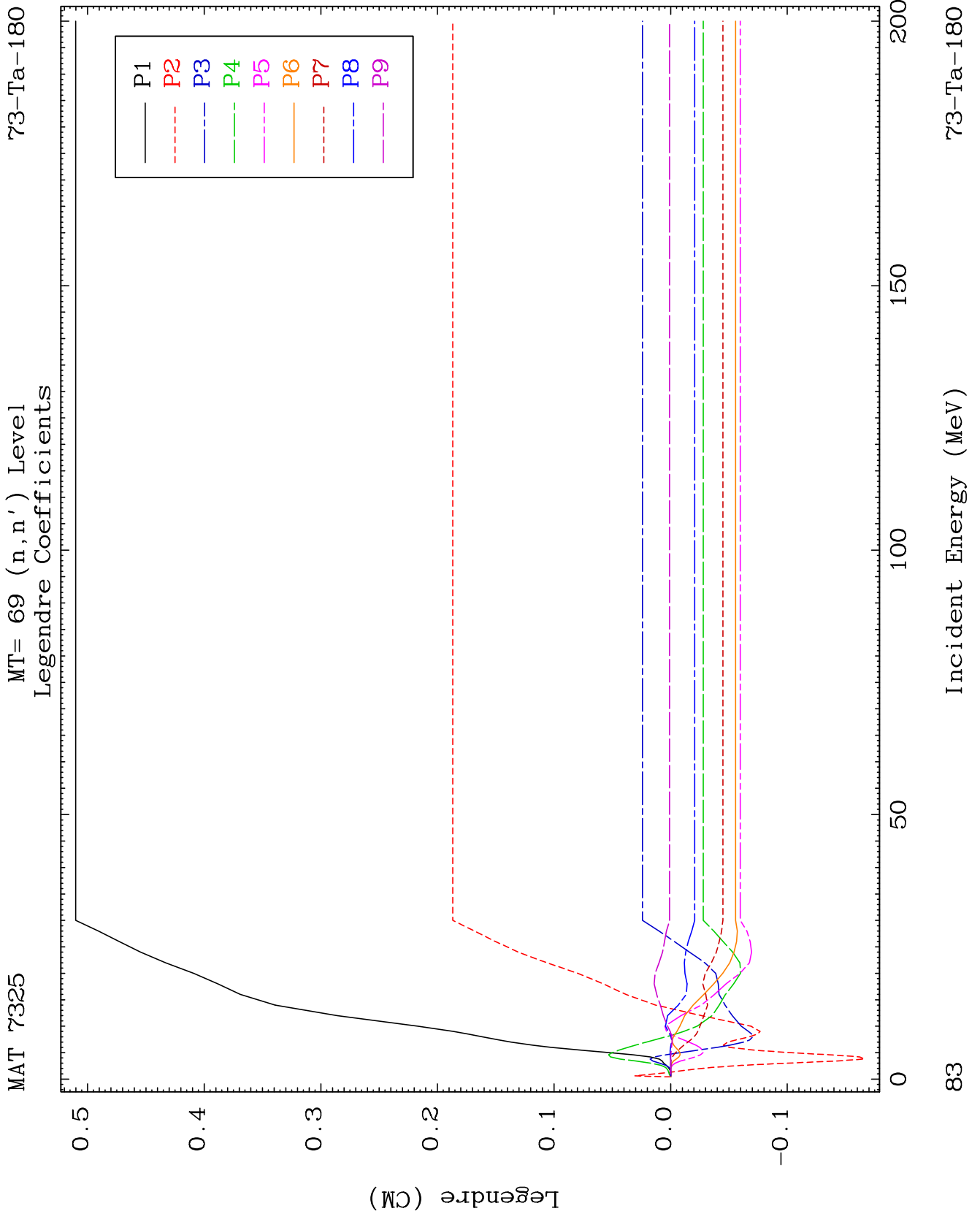
73-Ta-180



81

73-Ta-180

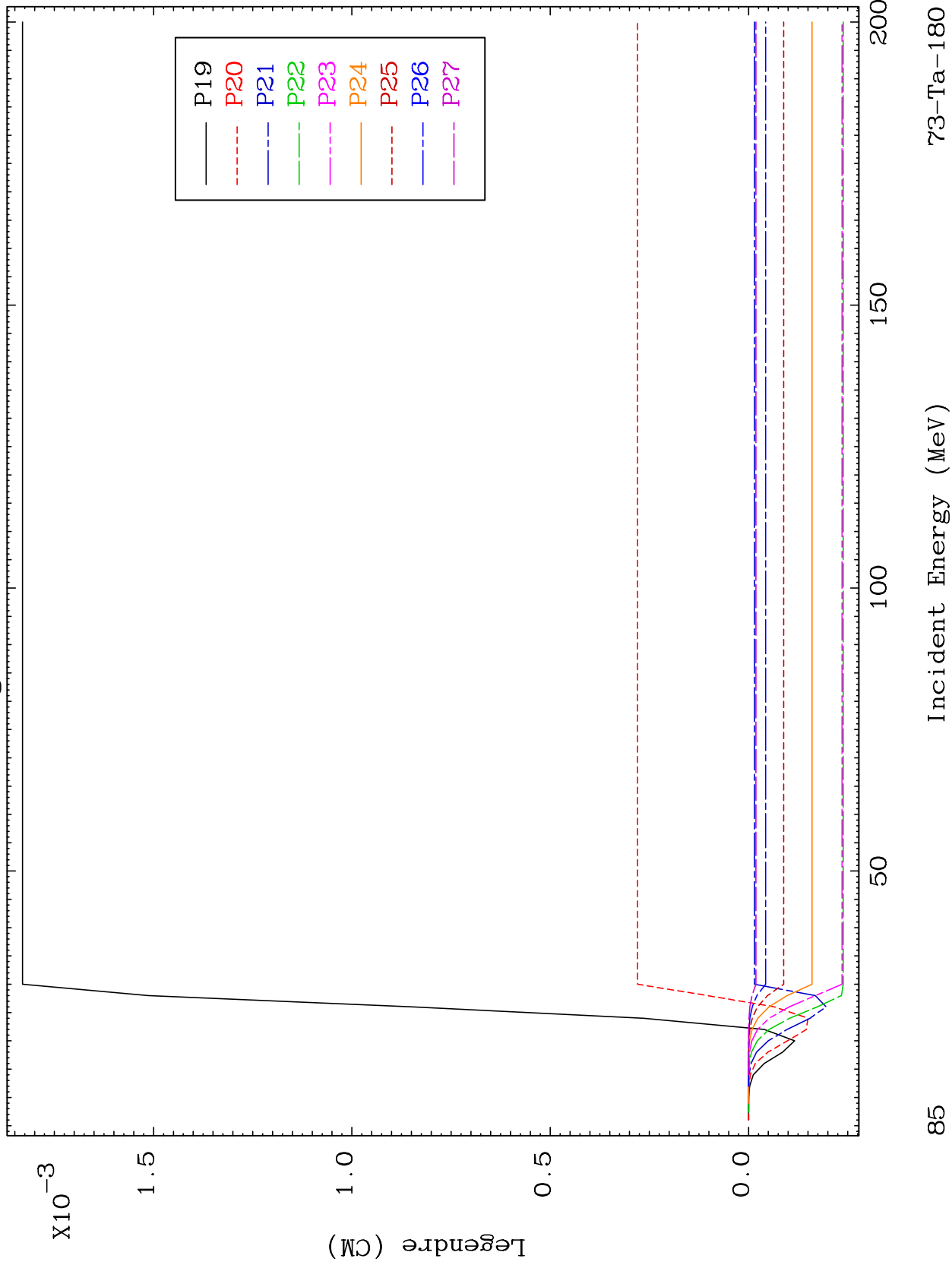




MAT 7325

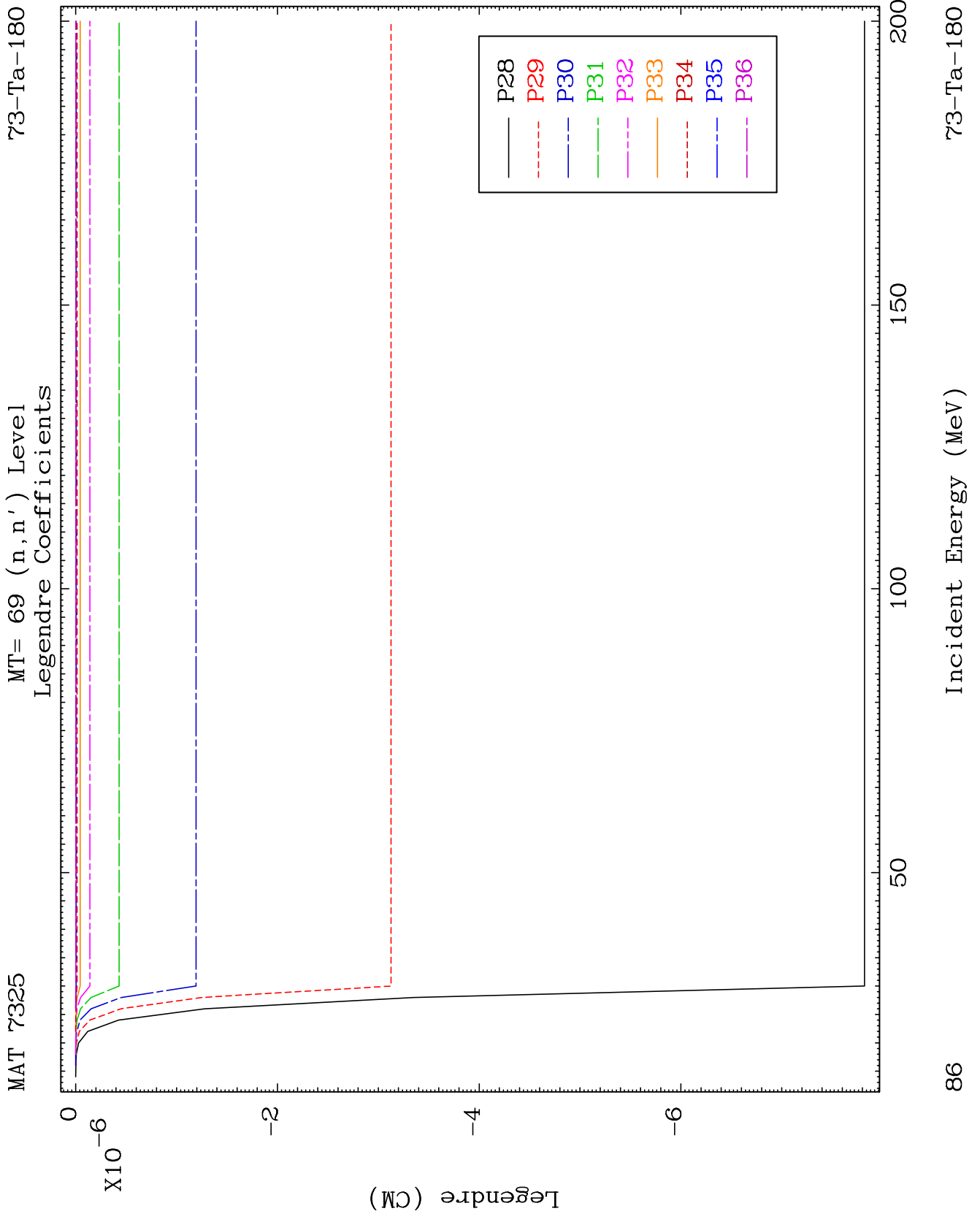
MT= 69 (n,n') Level
Legendre Coefficients

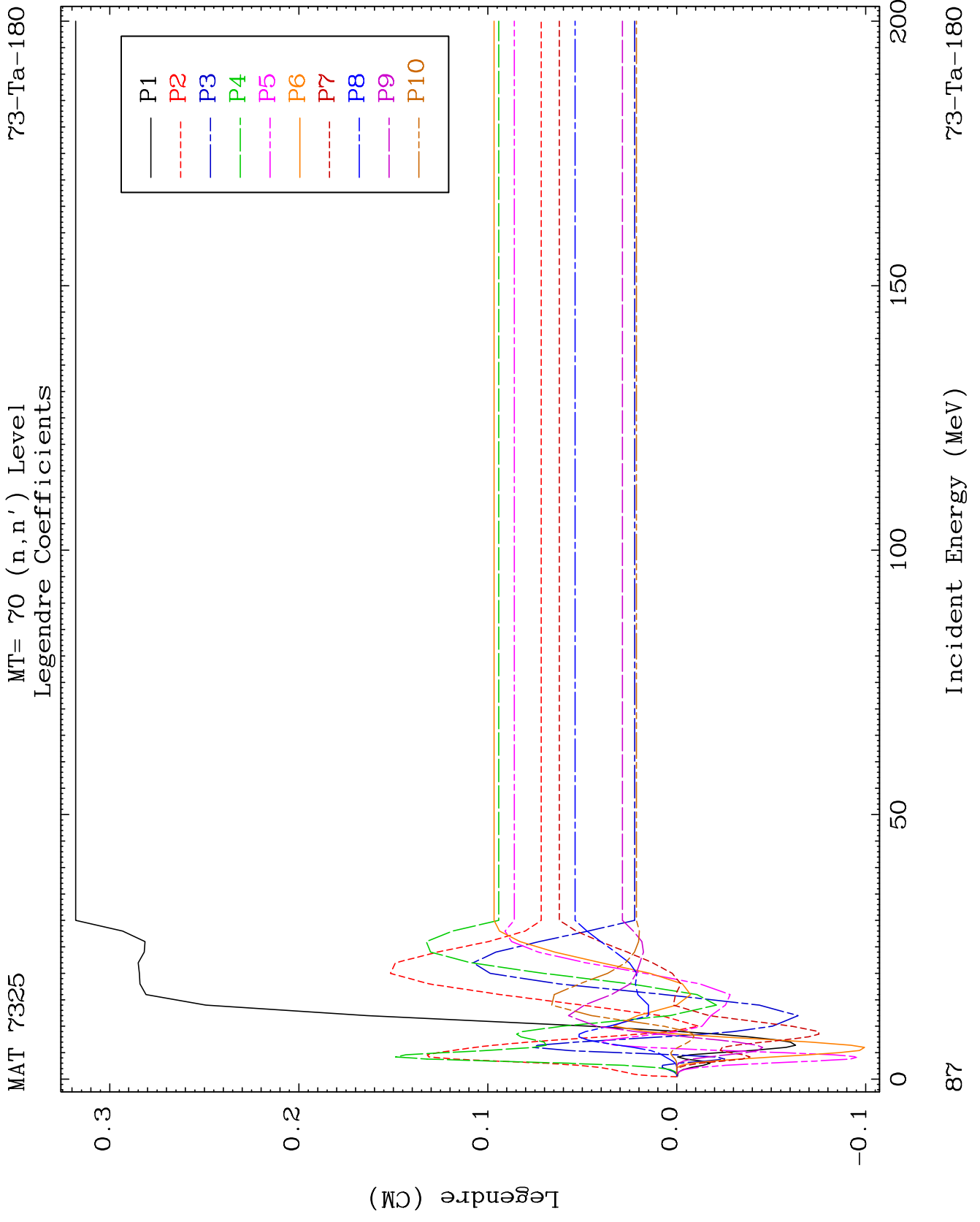
73-Ta-180

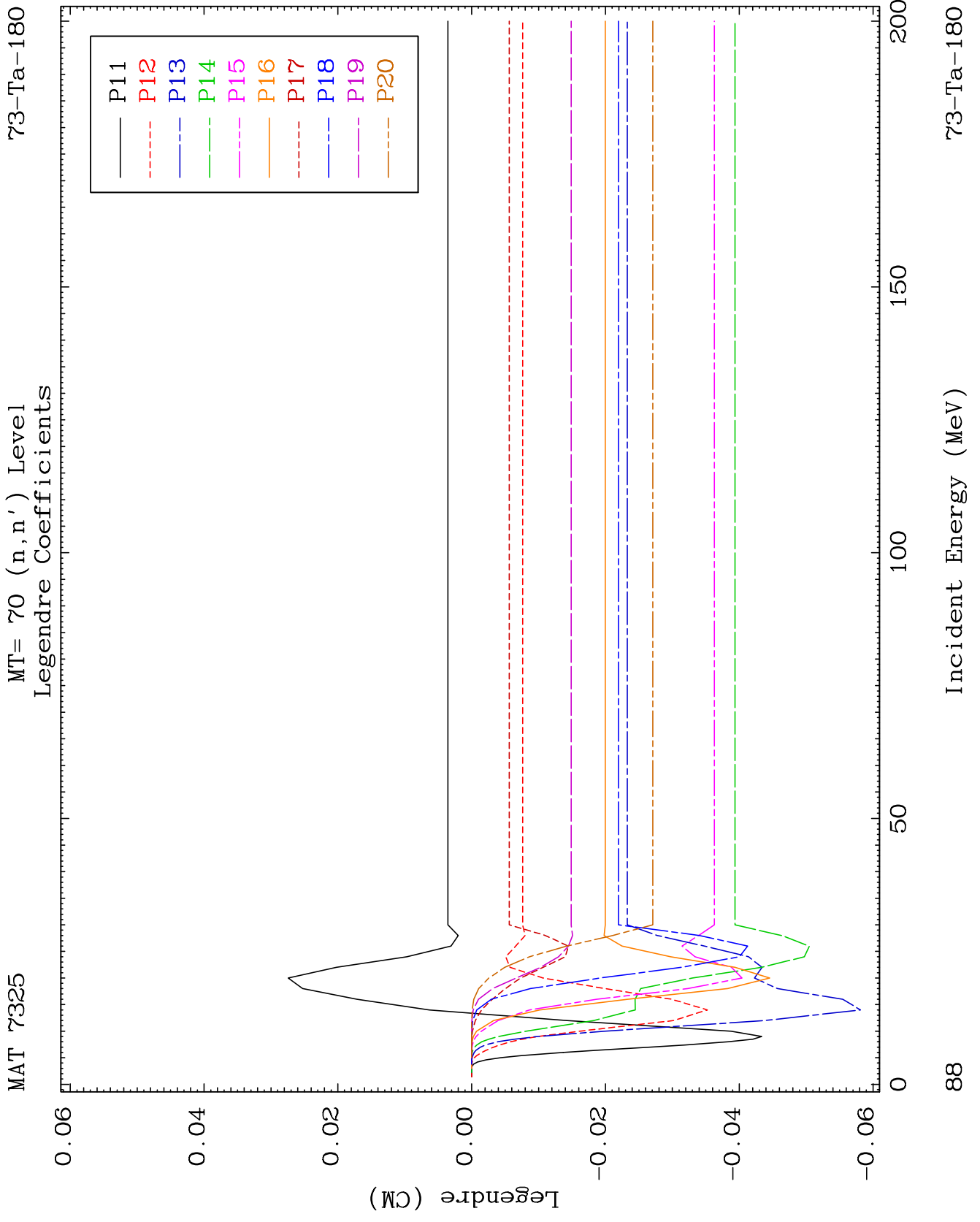


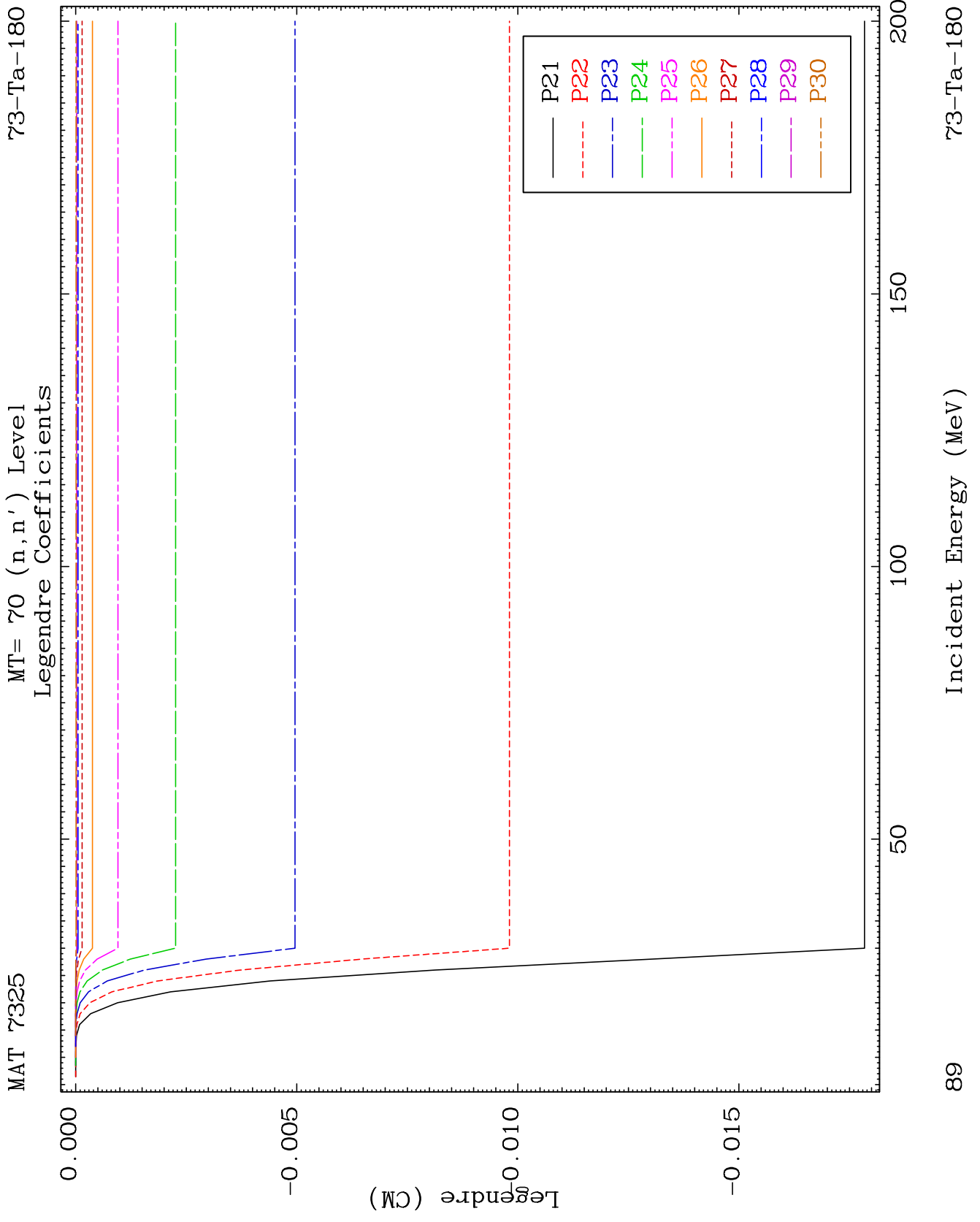
85

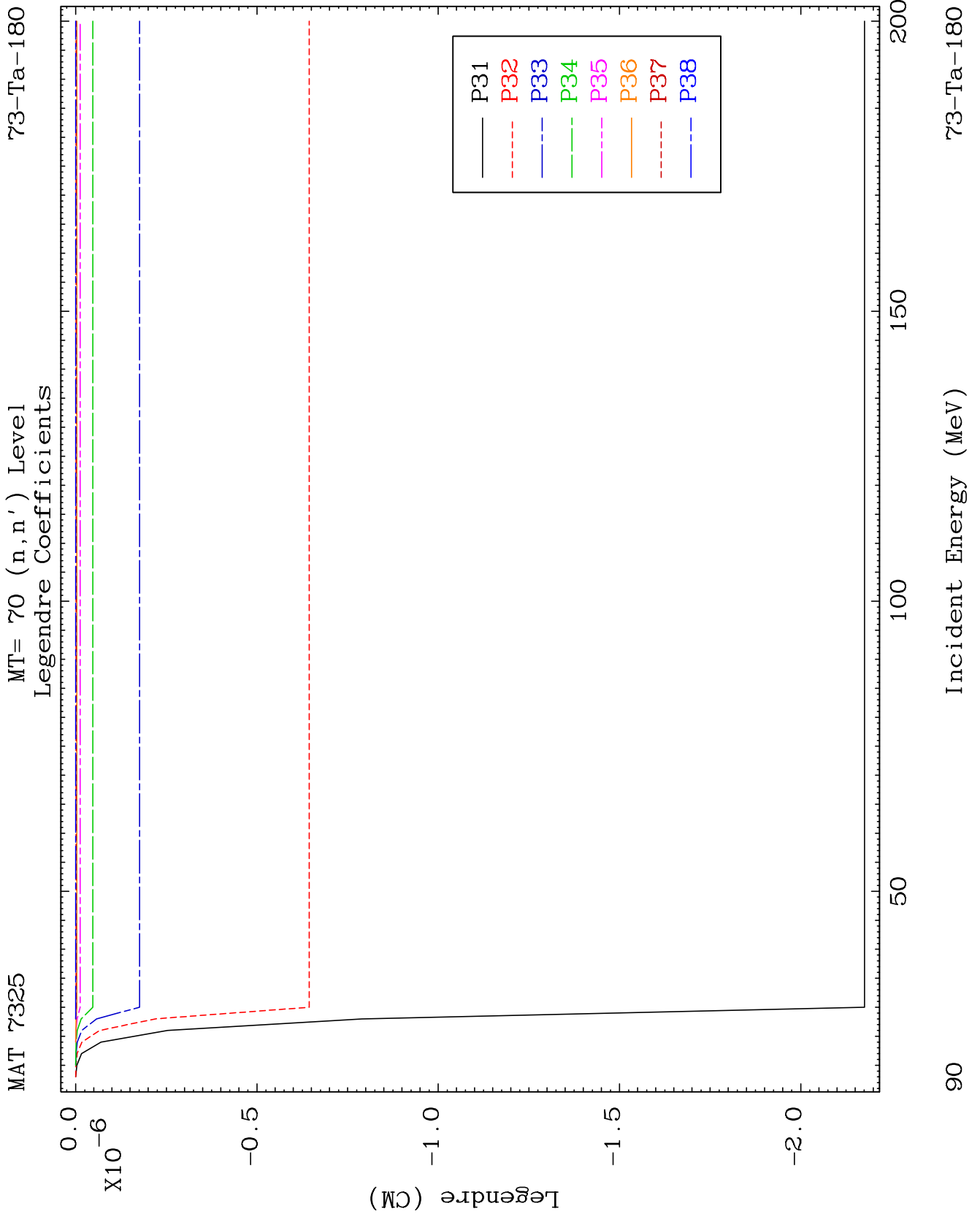
73-Ta-180

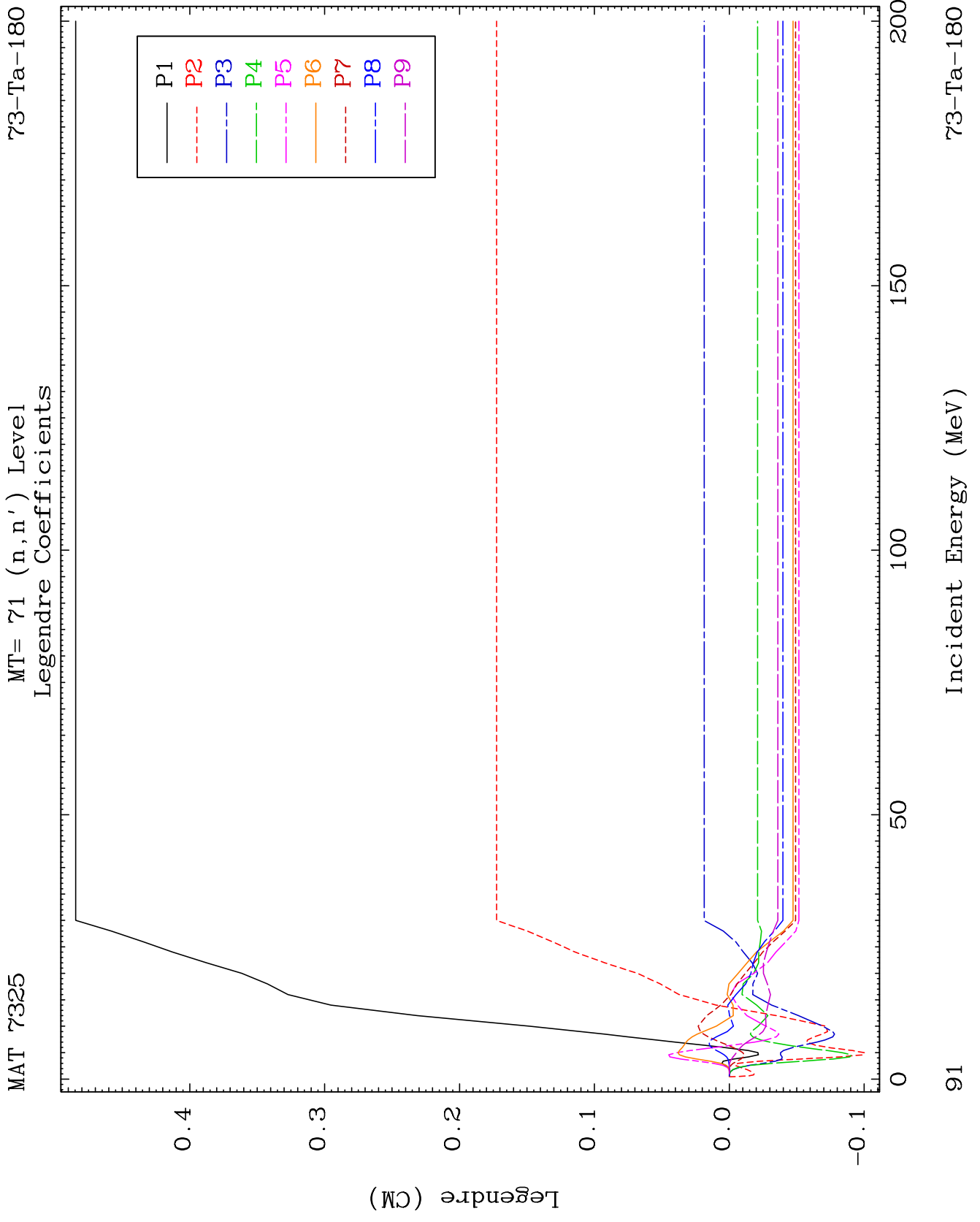








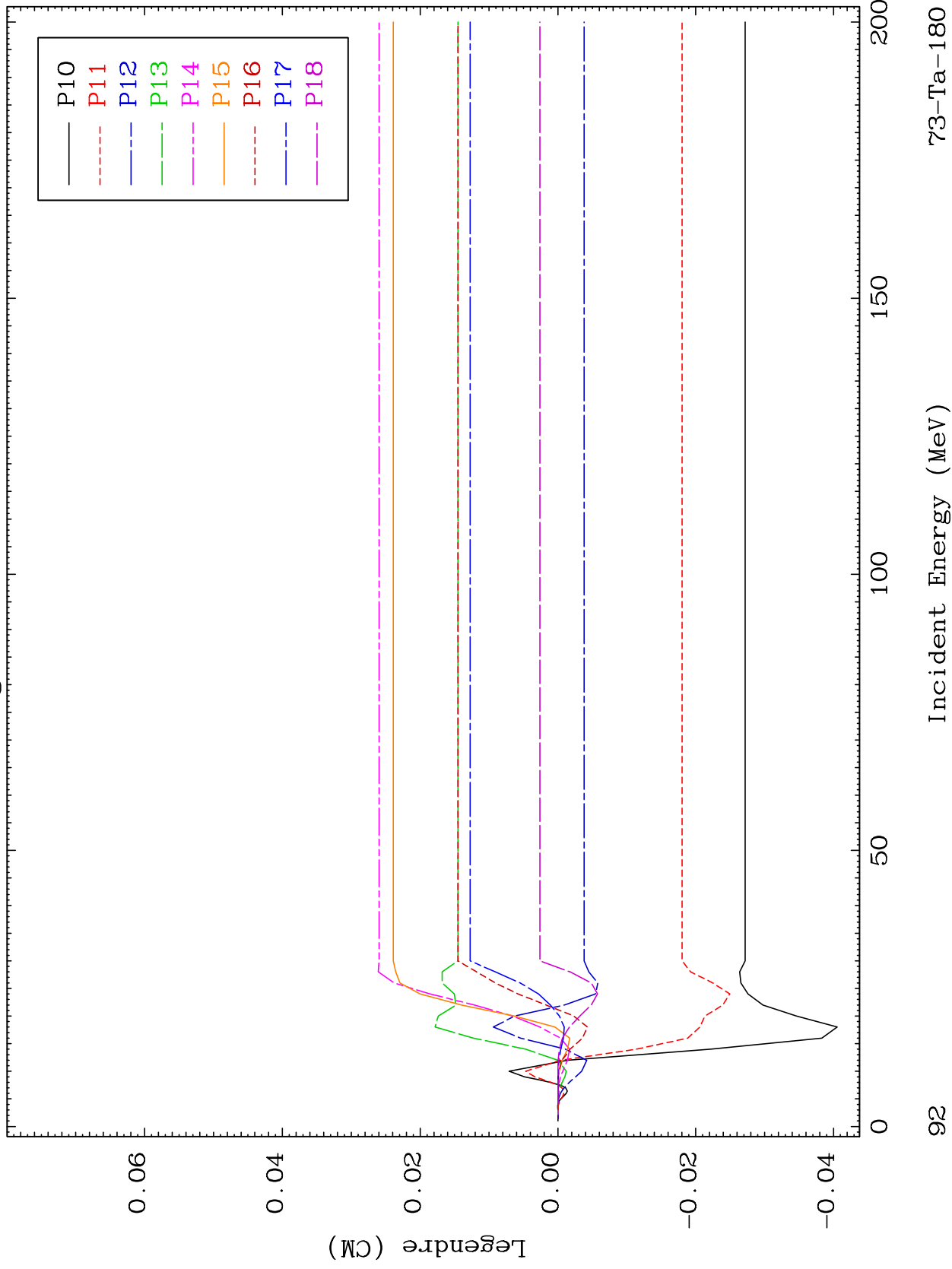




MAT 7325

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

73-Ta-180



73-Ta-180

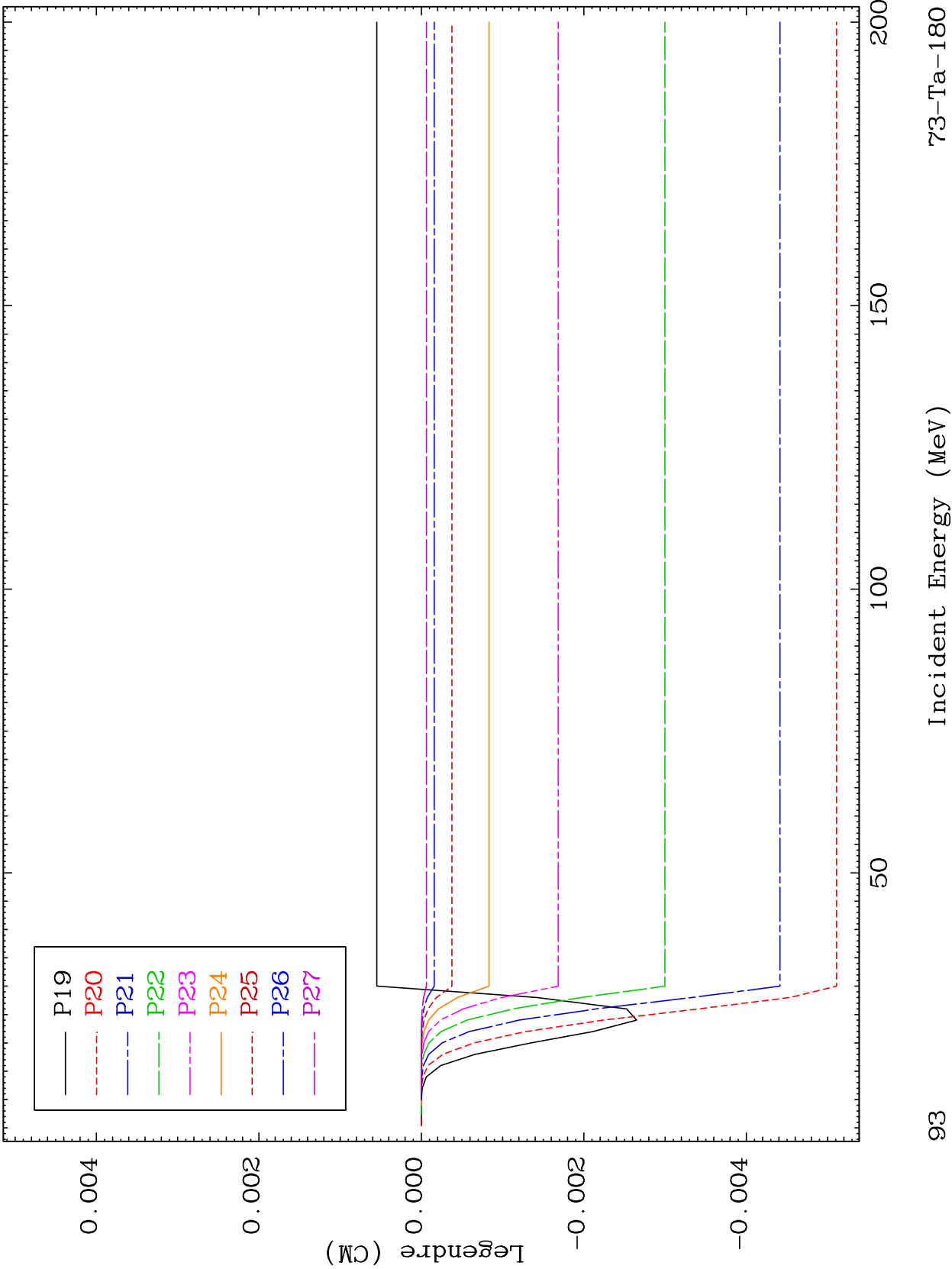
Incident Energy (MeV)

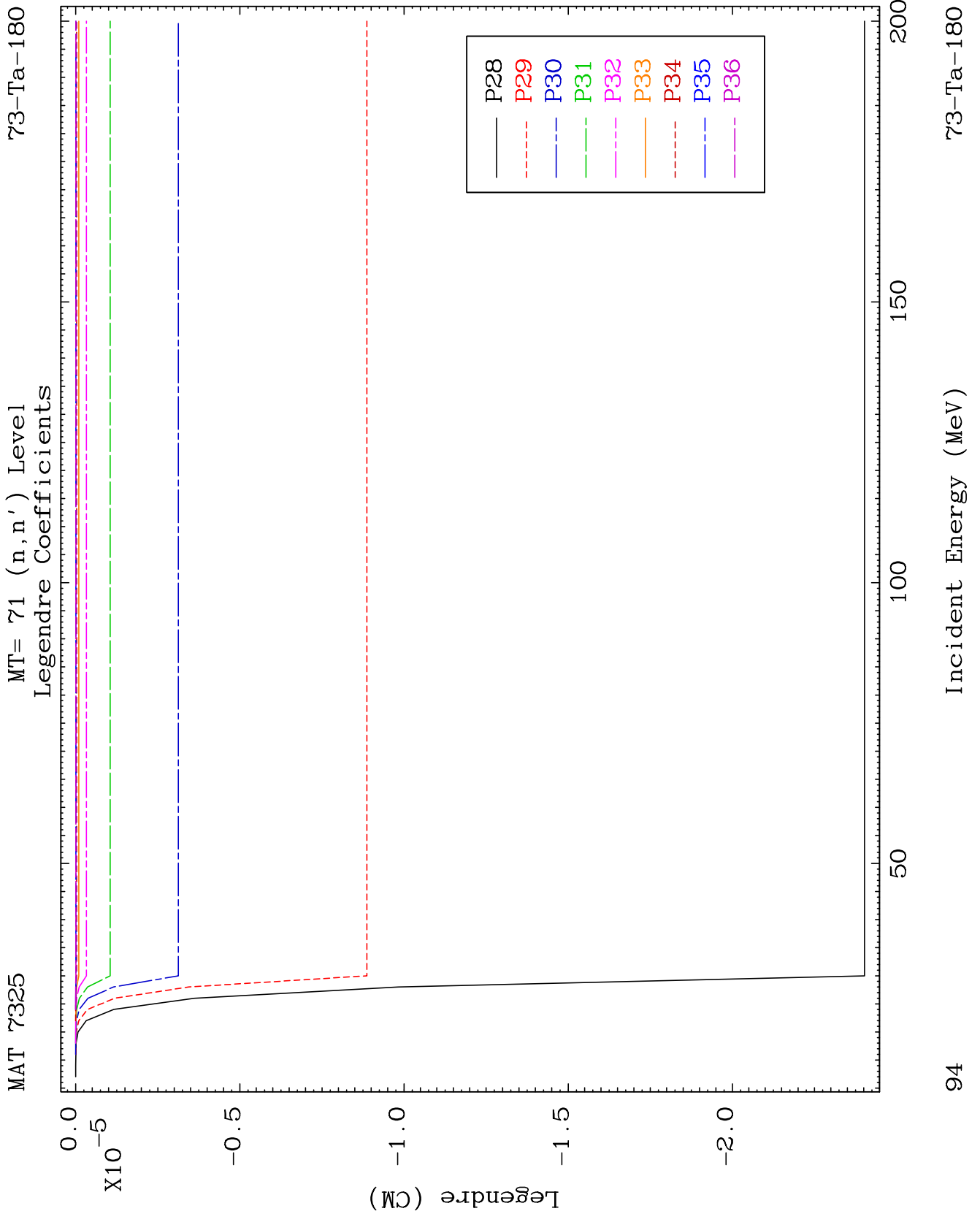
92

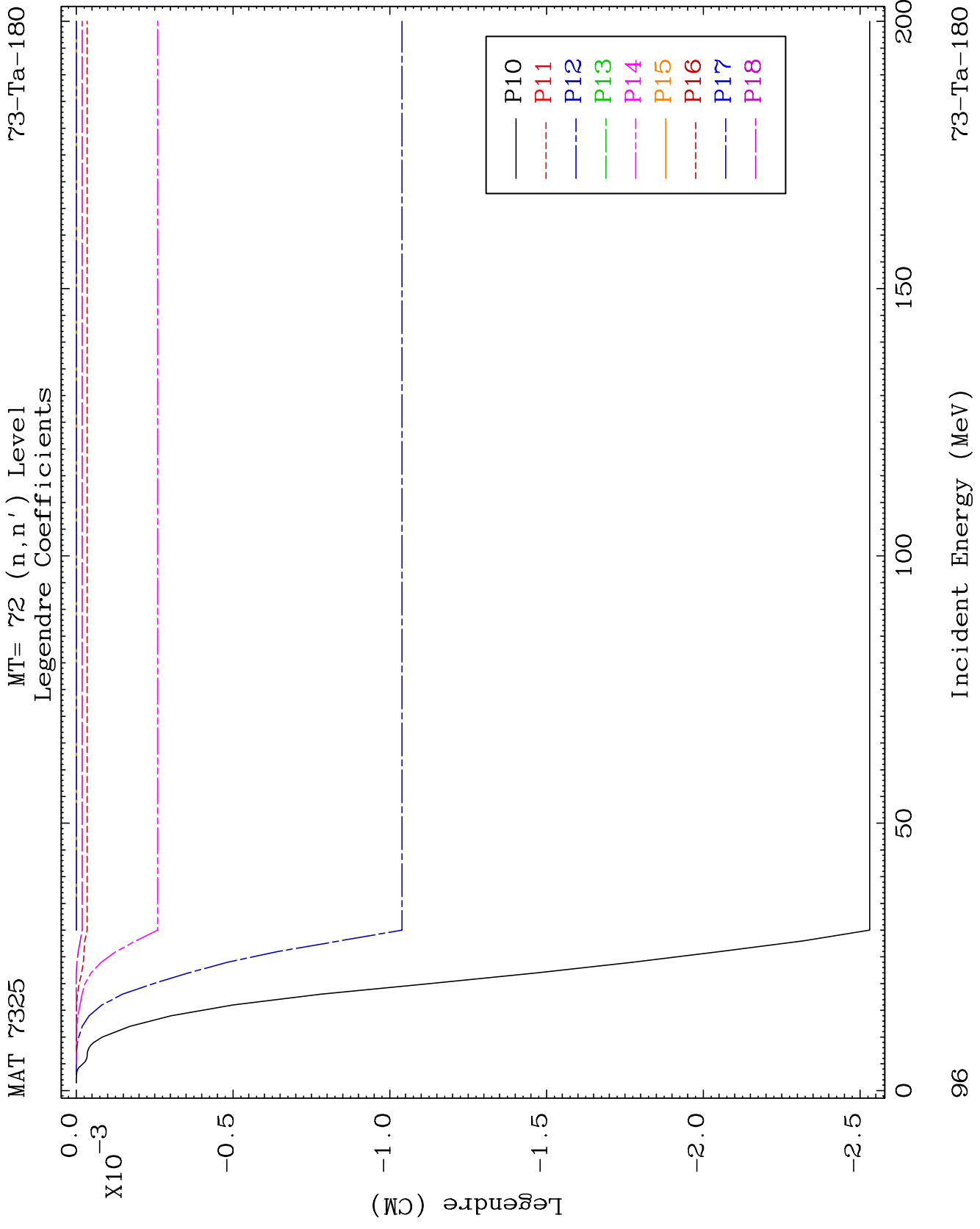
MAT 7325

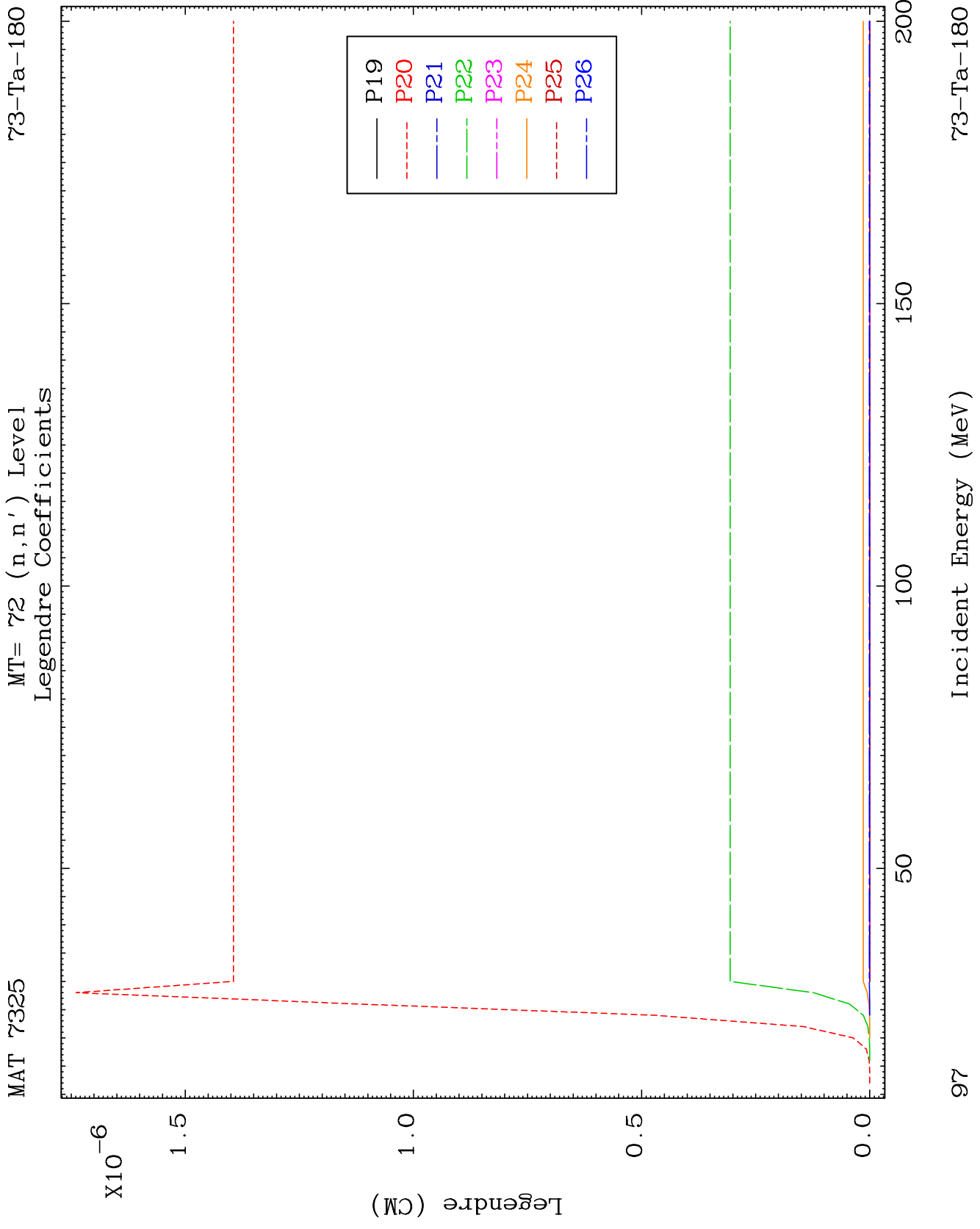
MT= 71 (n,n') Level
Legendre Coefficients

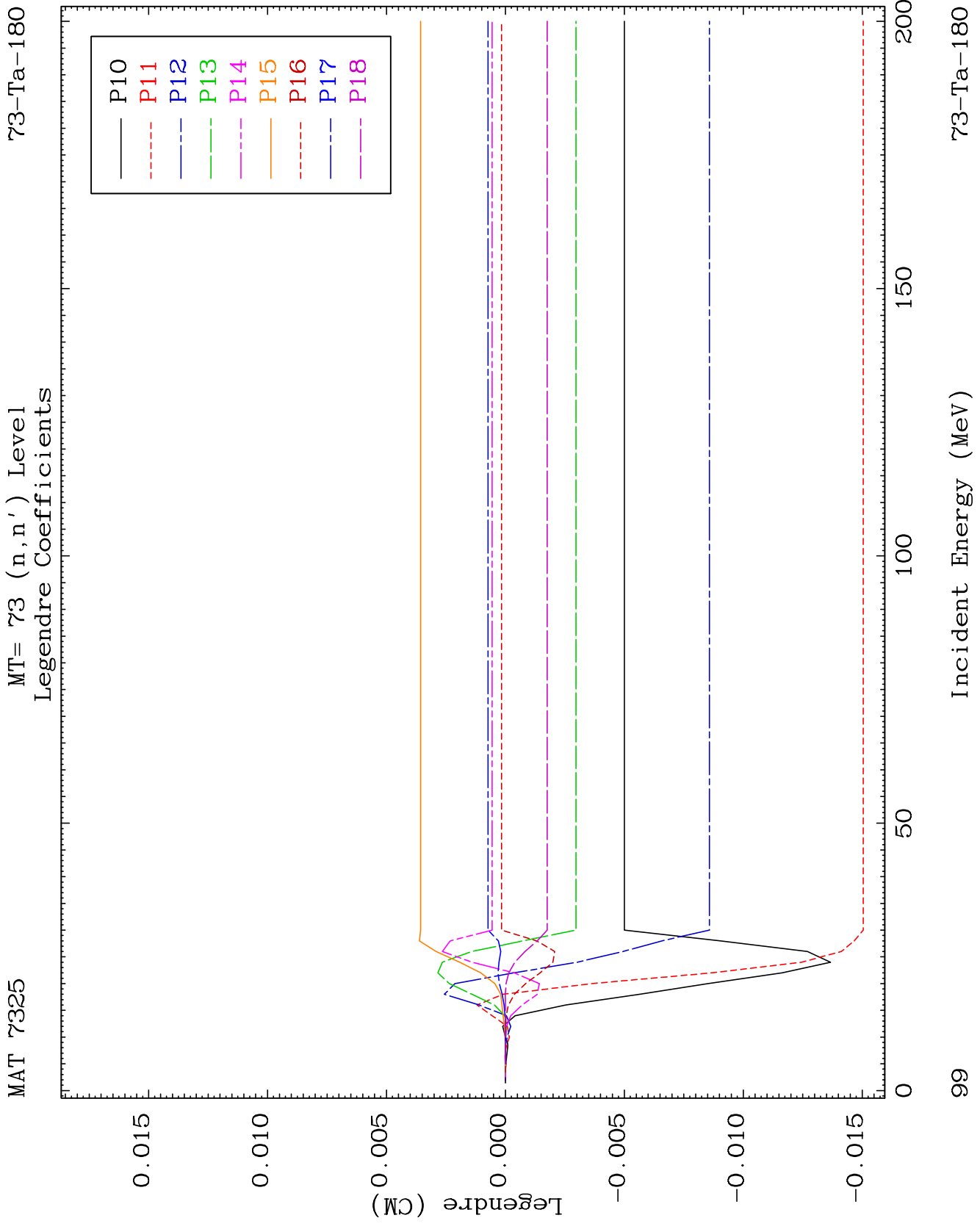
73-Ta-180

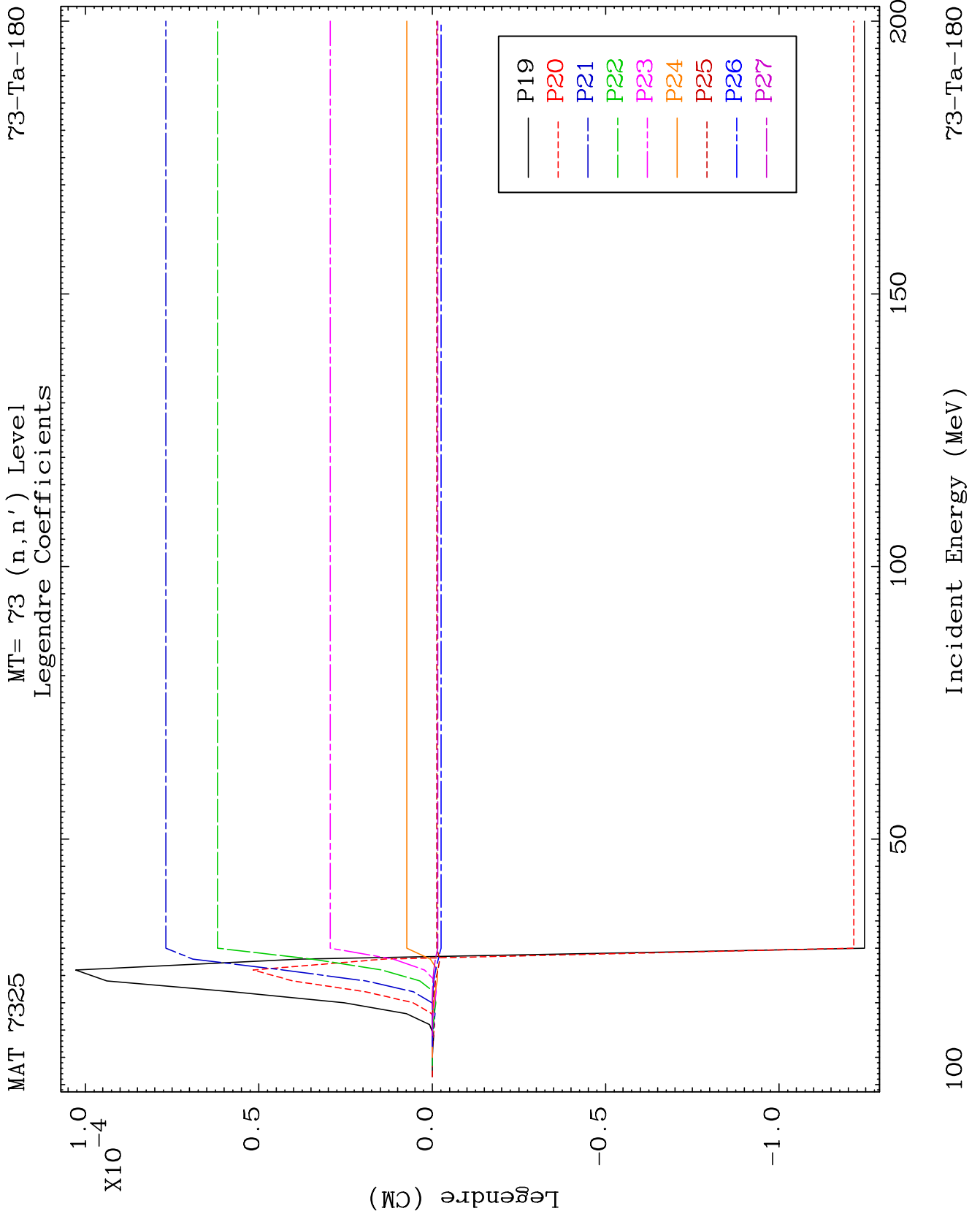


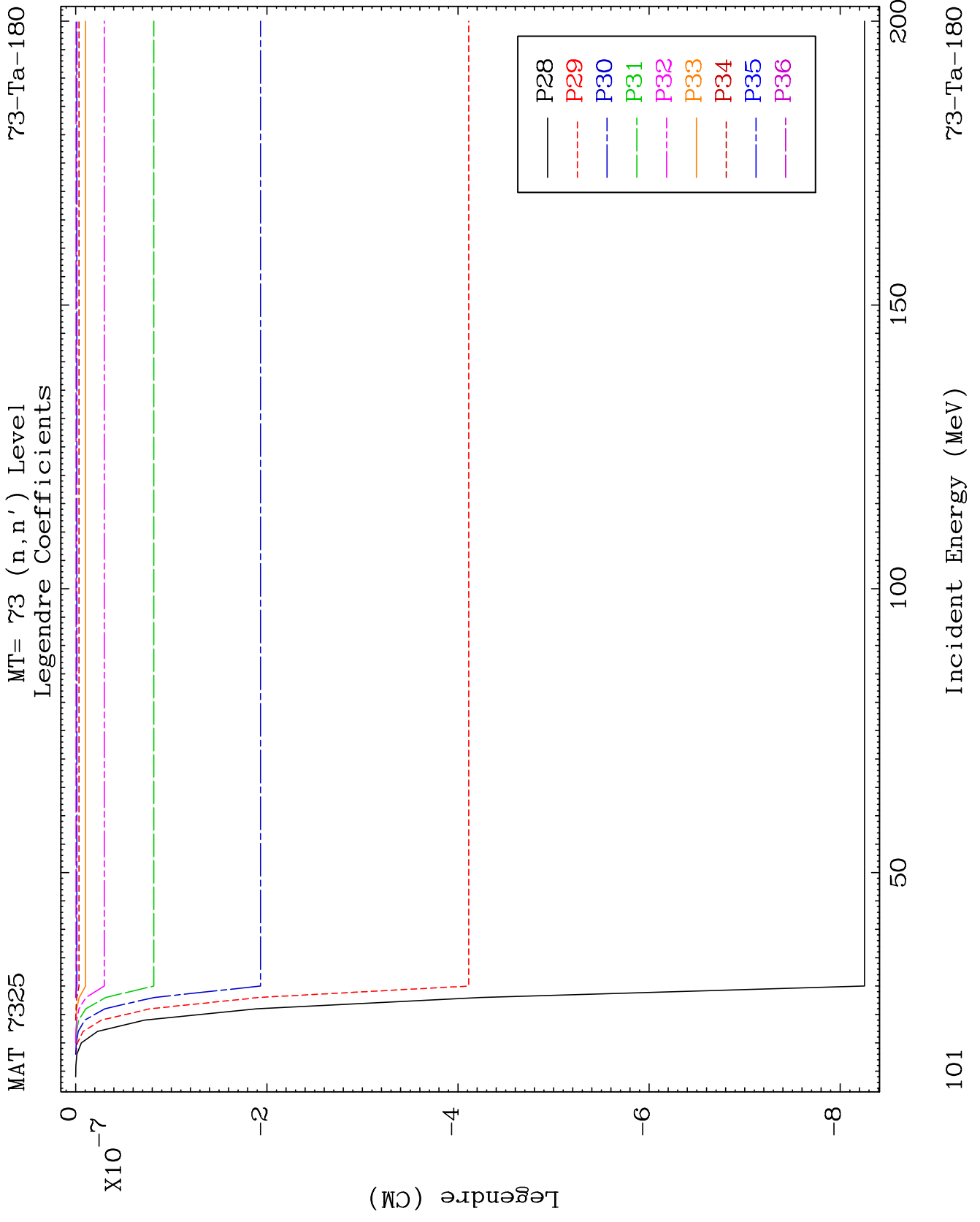


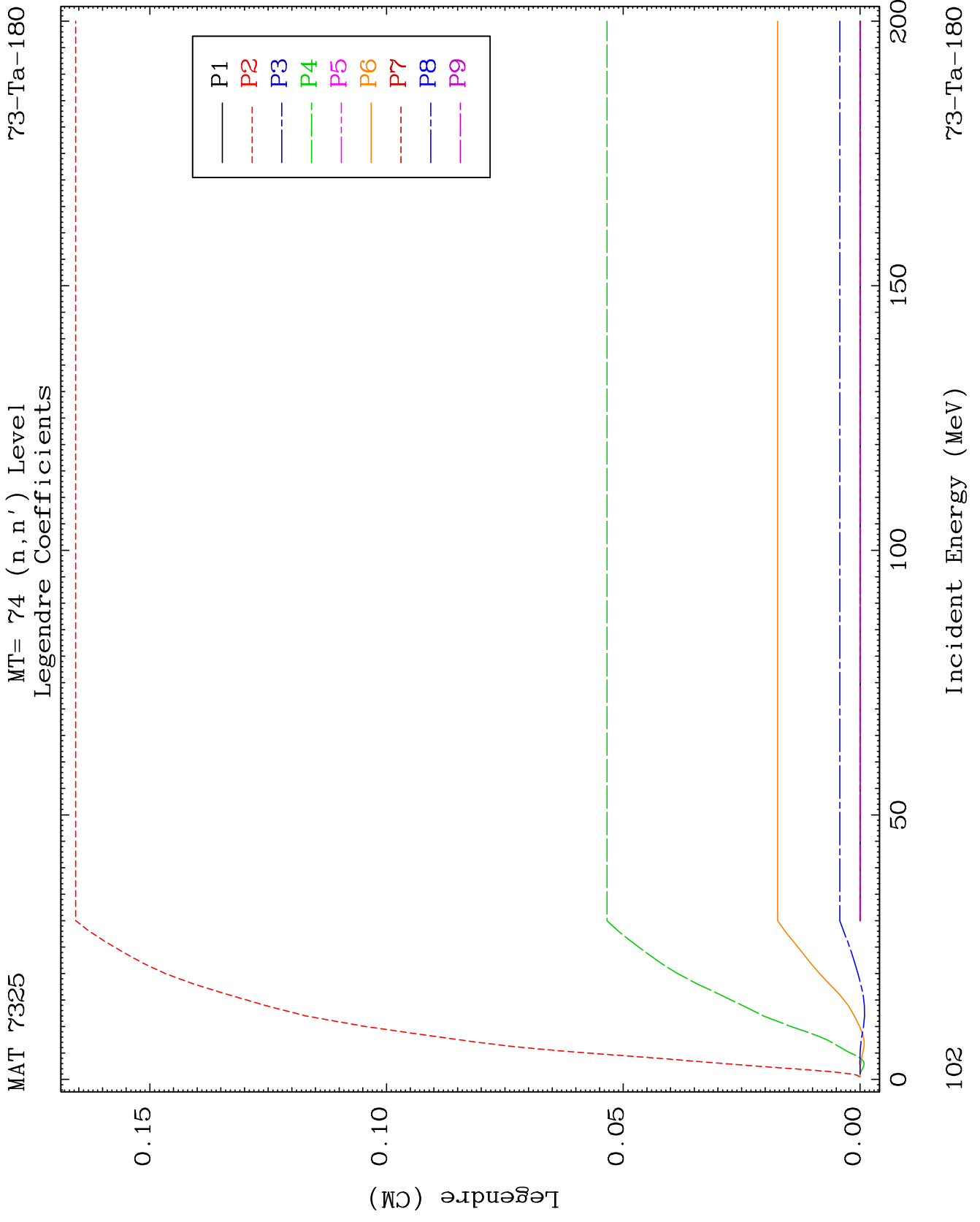








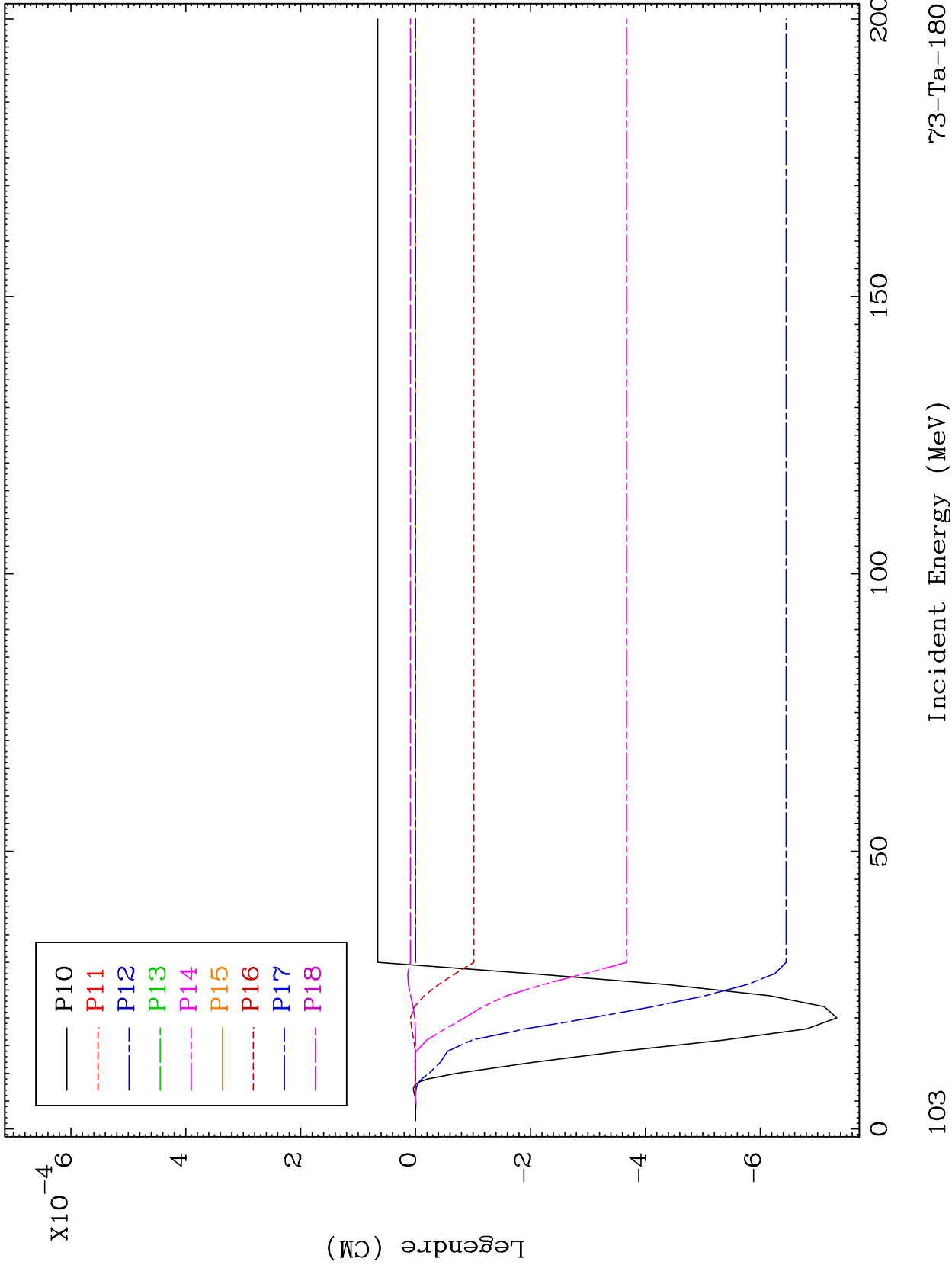




MAT 7325

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

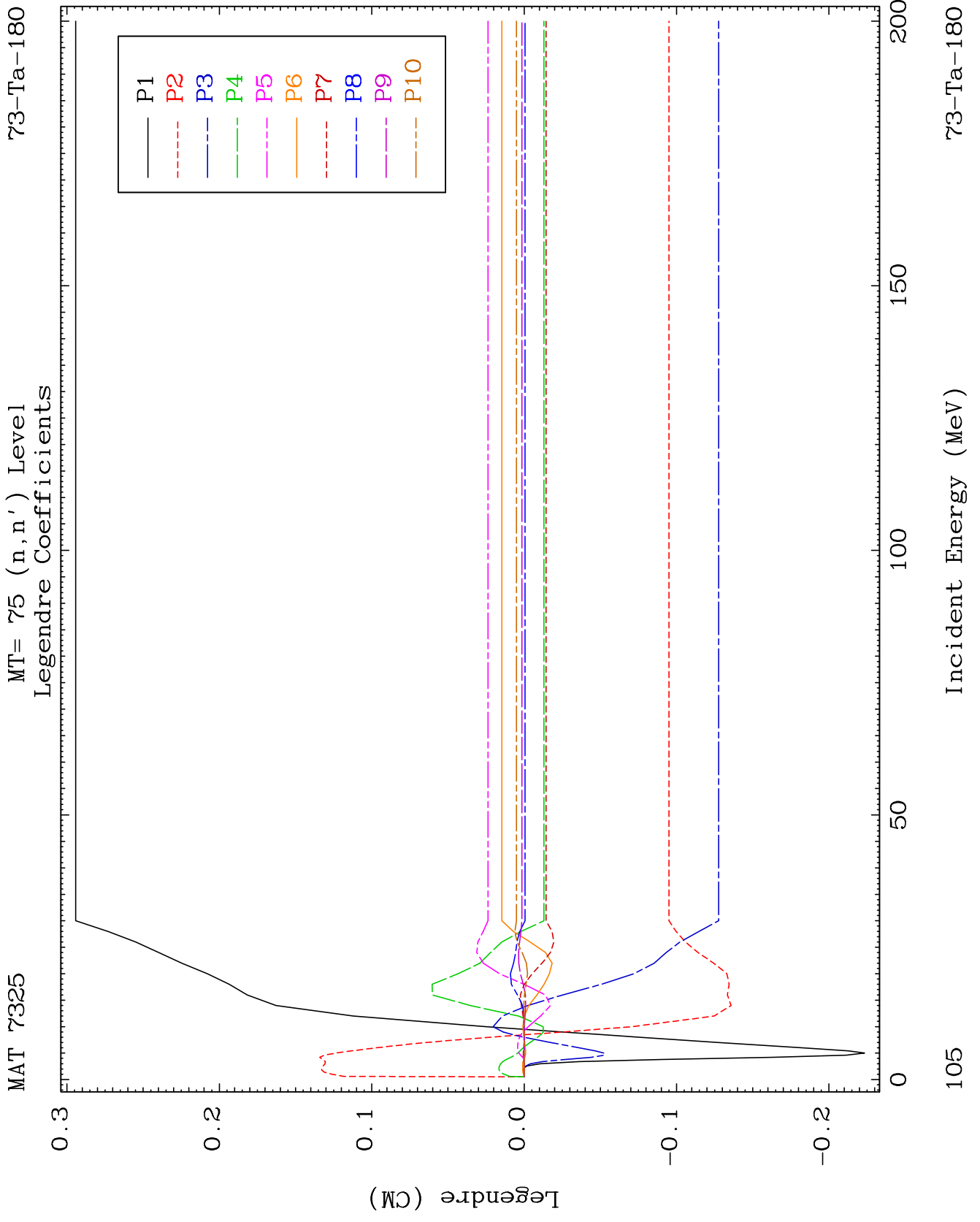
73-Ta-180



103

Incident Energy (MeV)

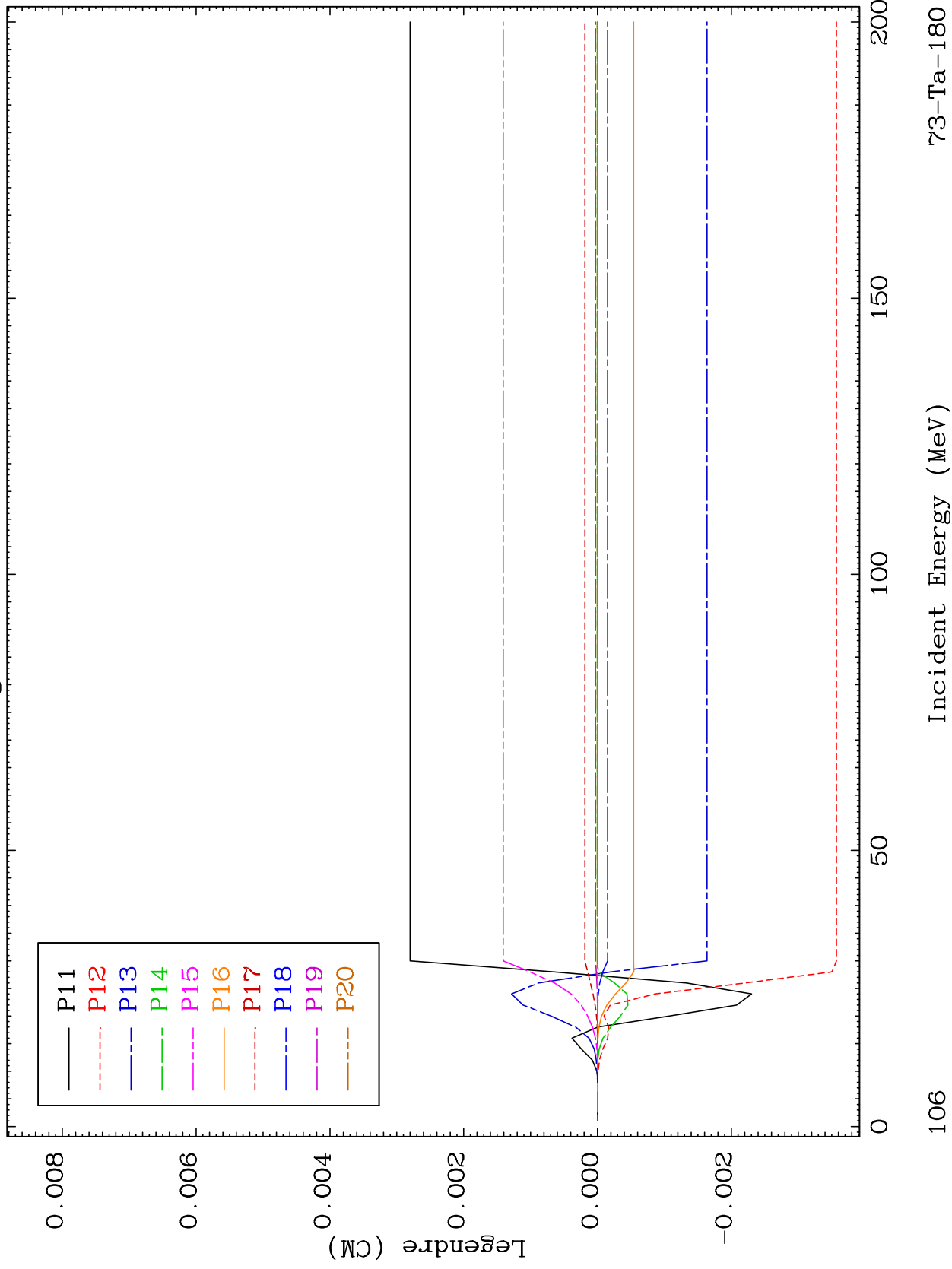
73-Ta-180



MAT 7325

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

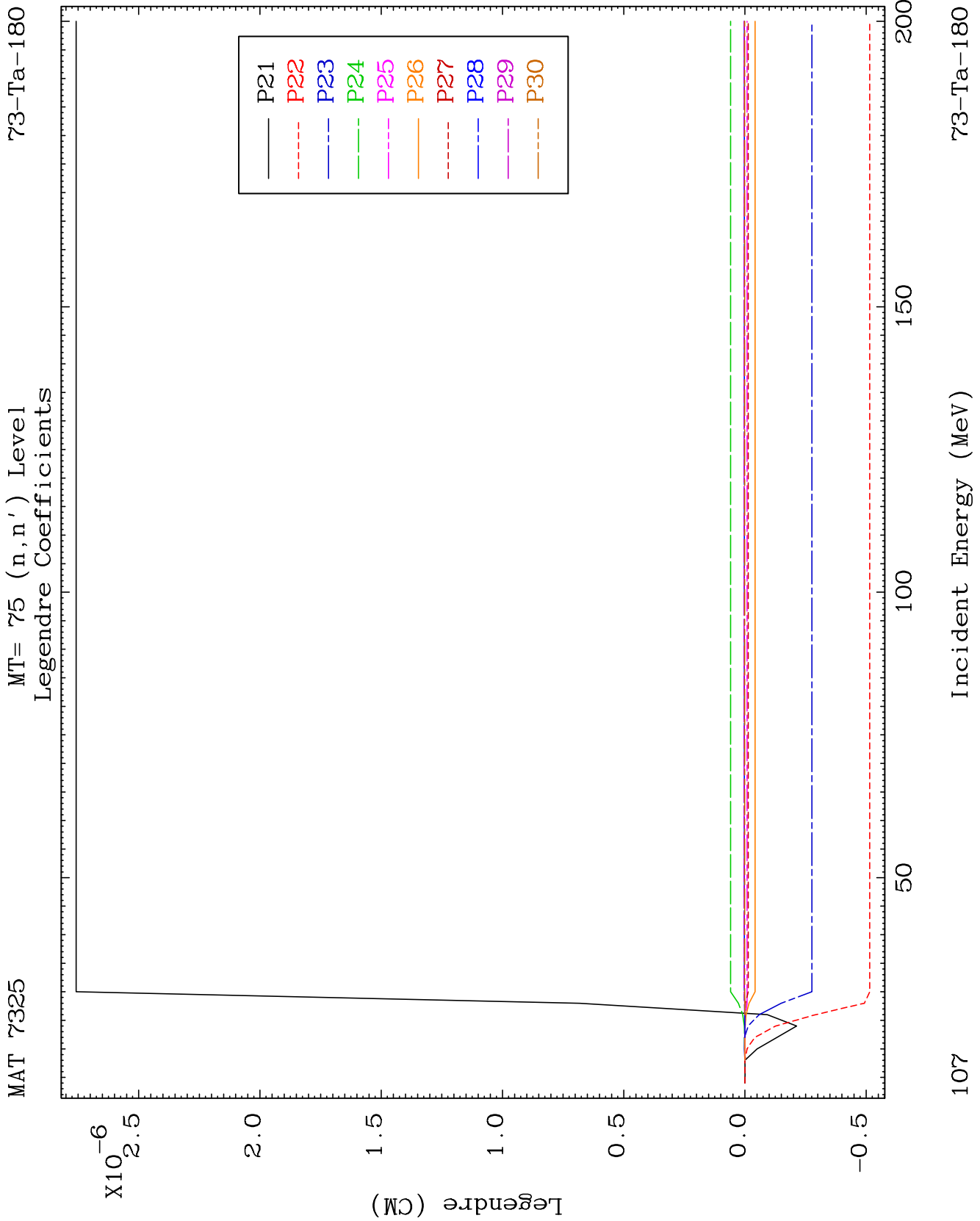
73-Ta-180

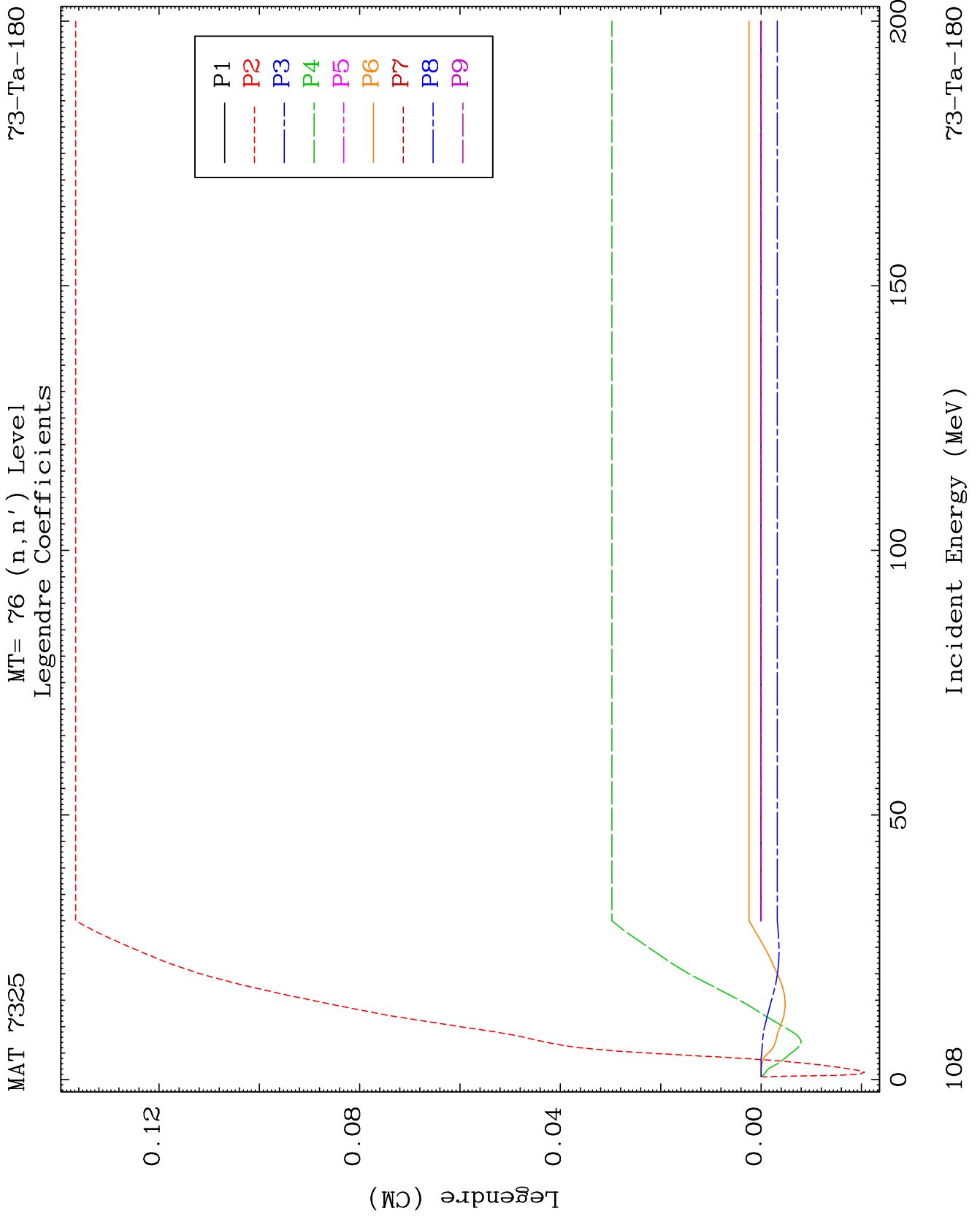


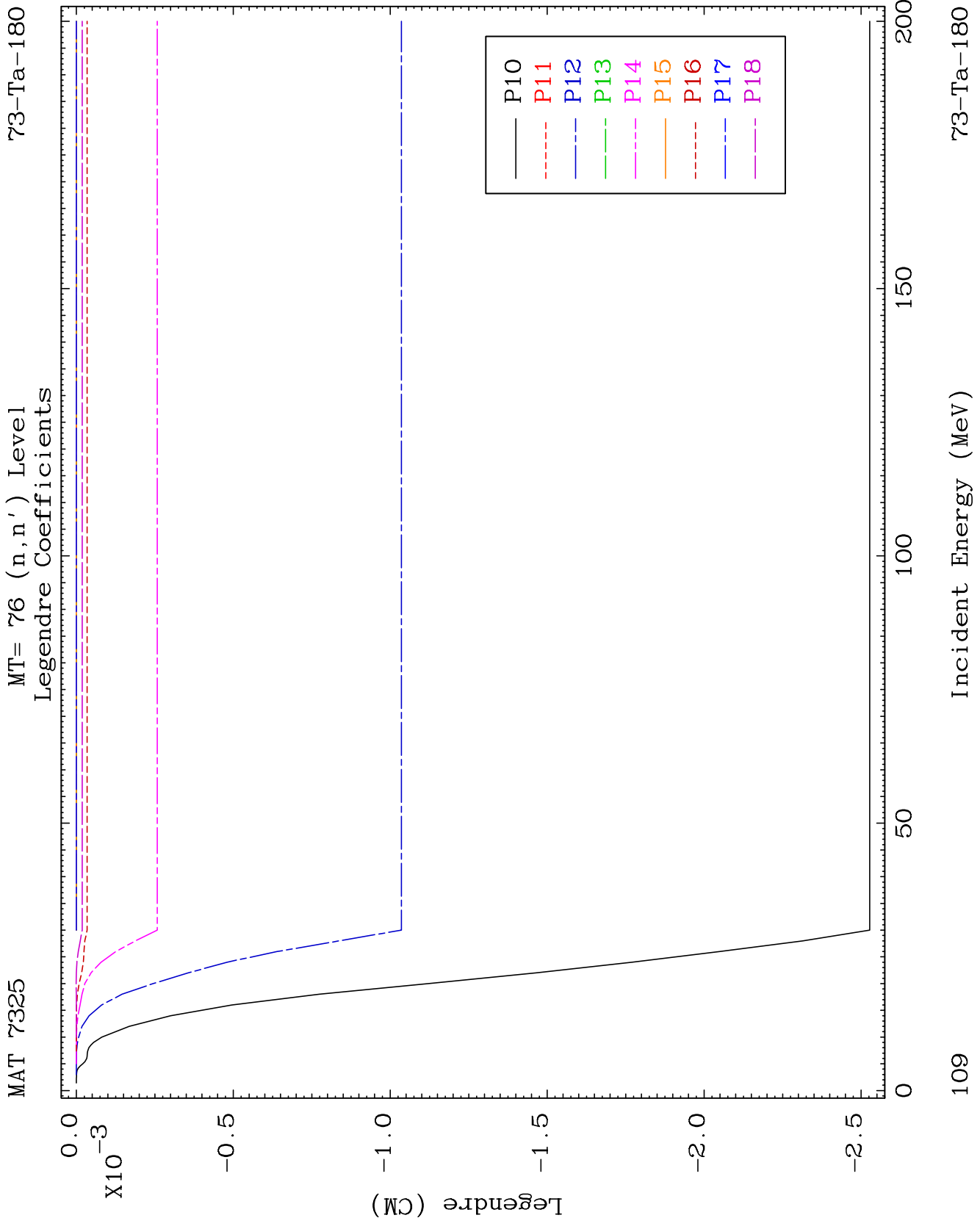
106

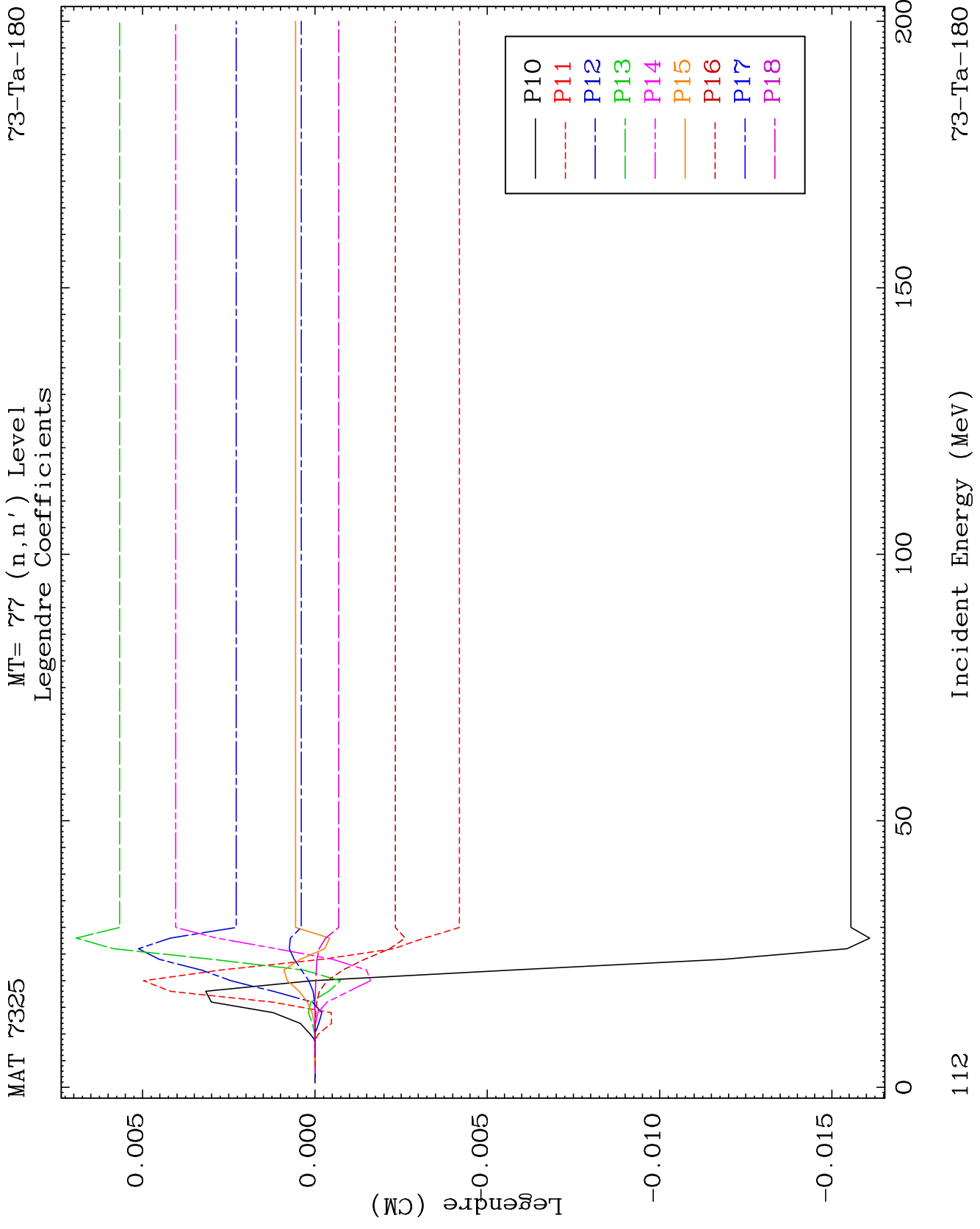
Incident Energy (MeV)

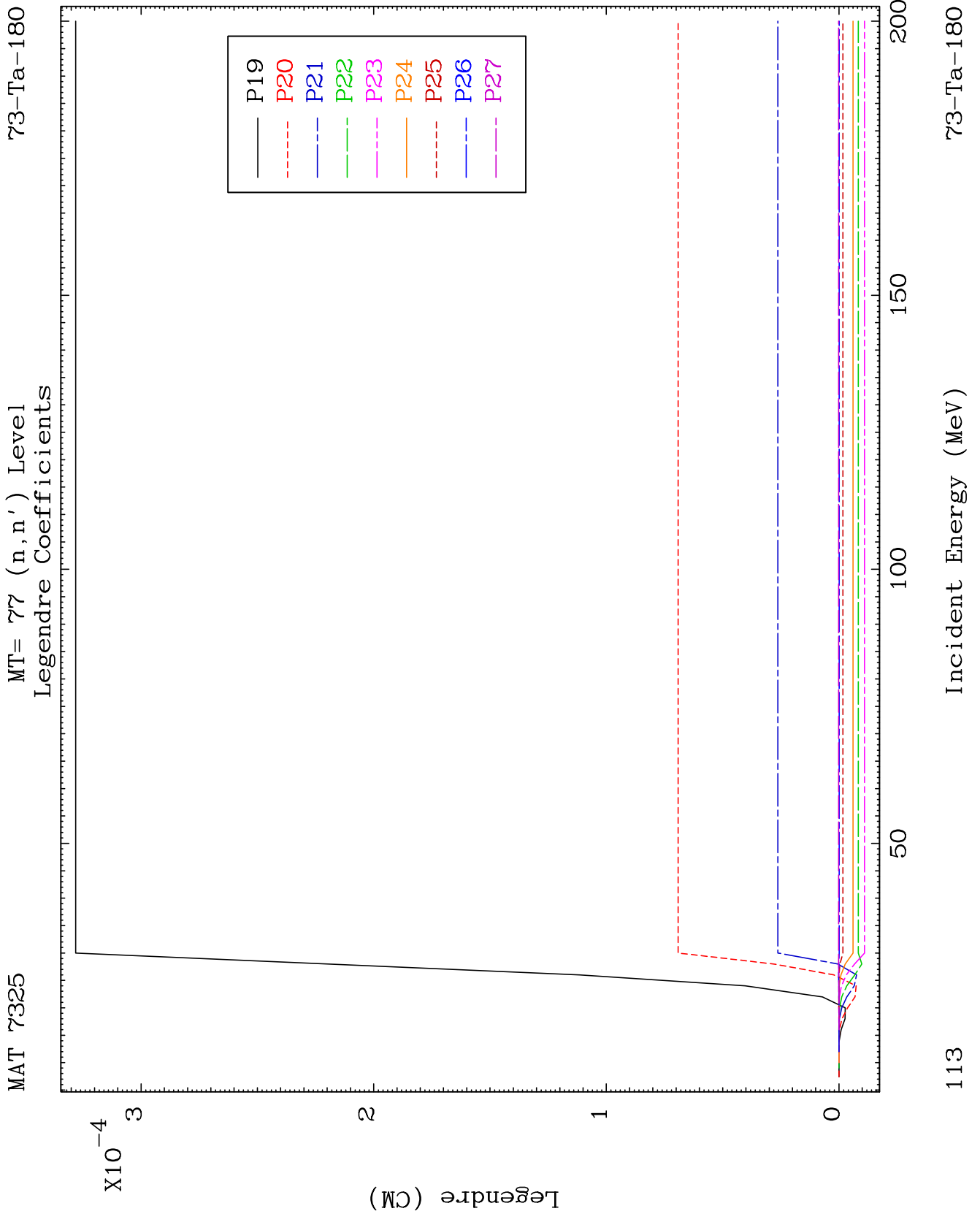
73-Ta-180







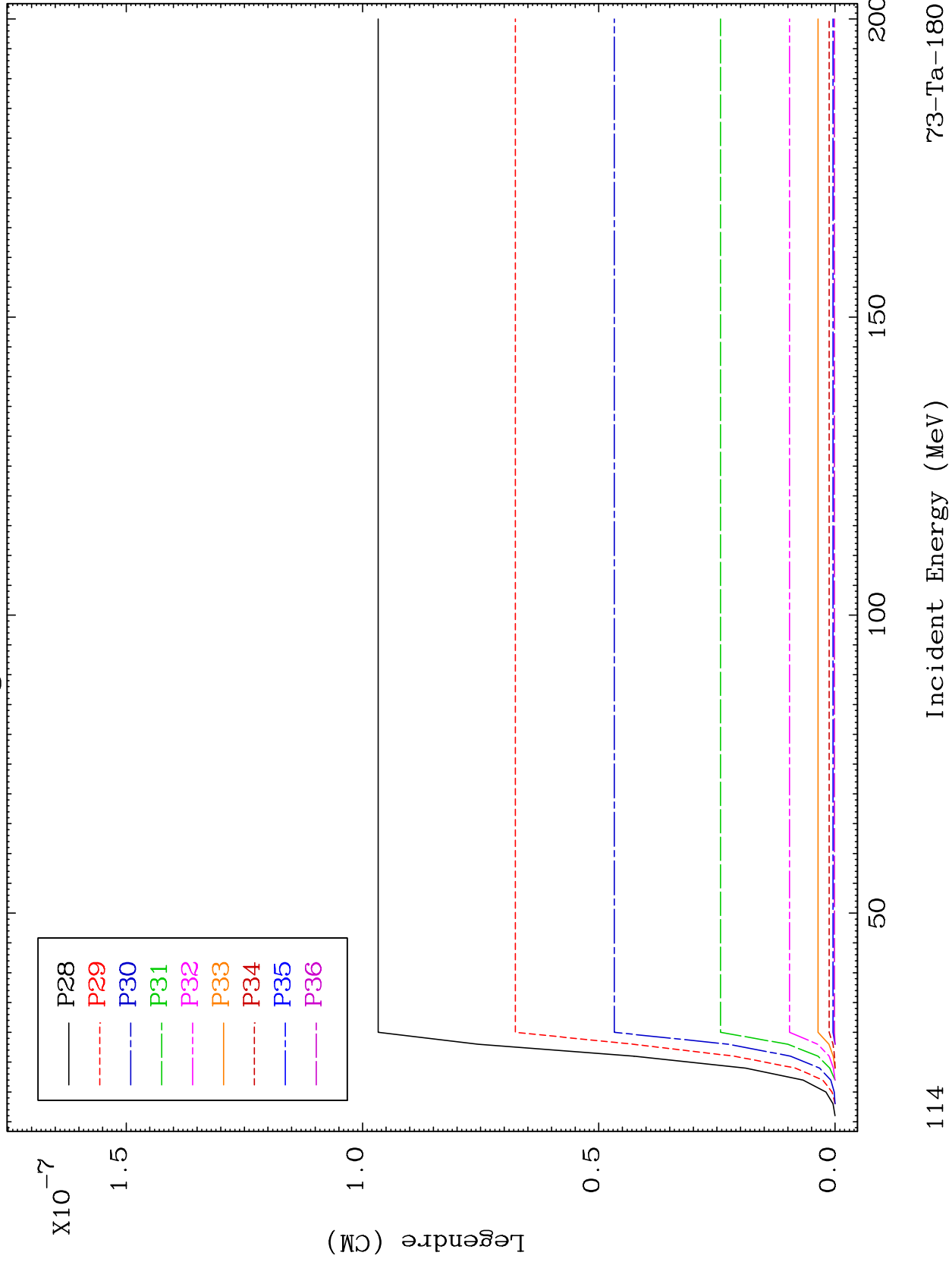




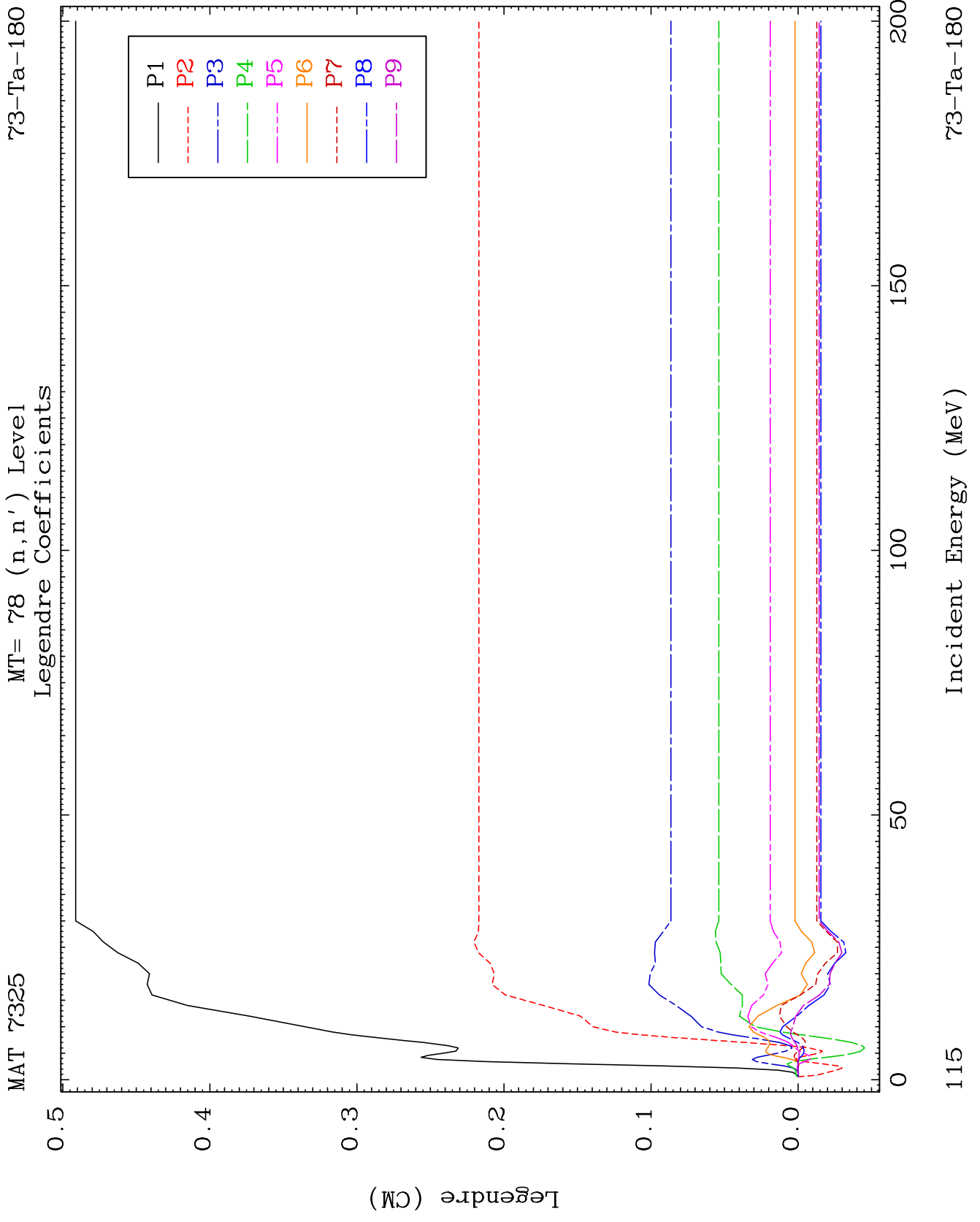
MAT 7325

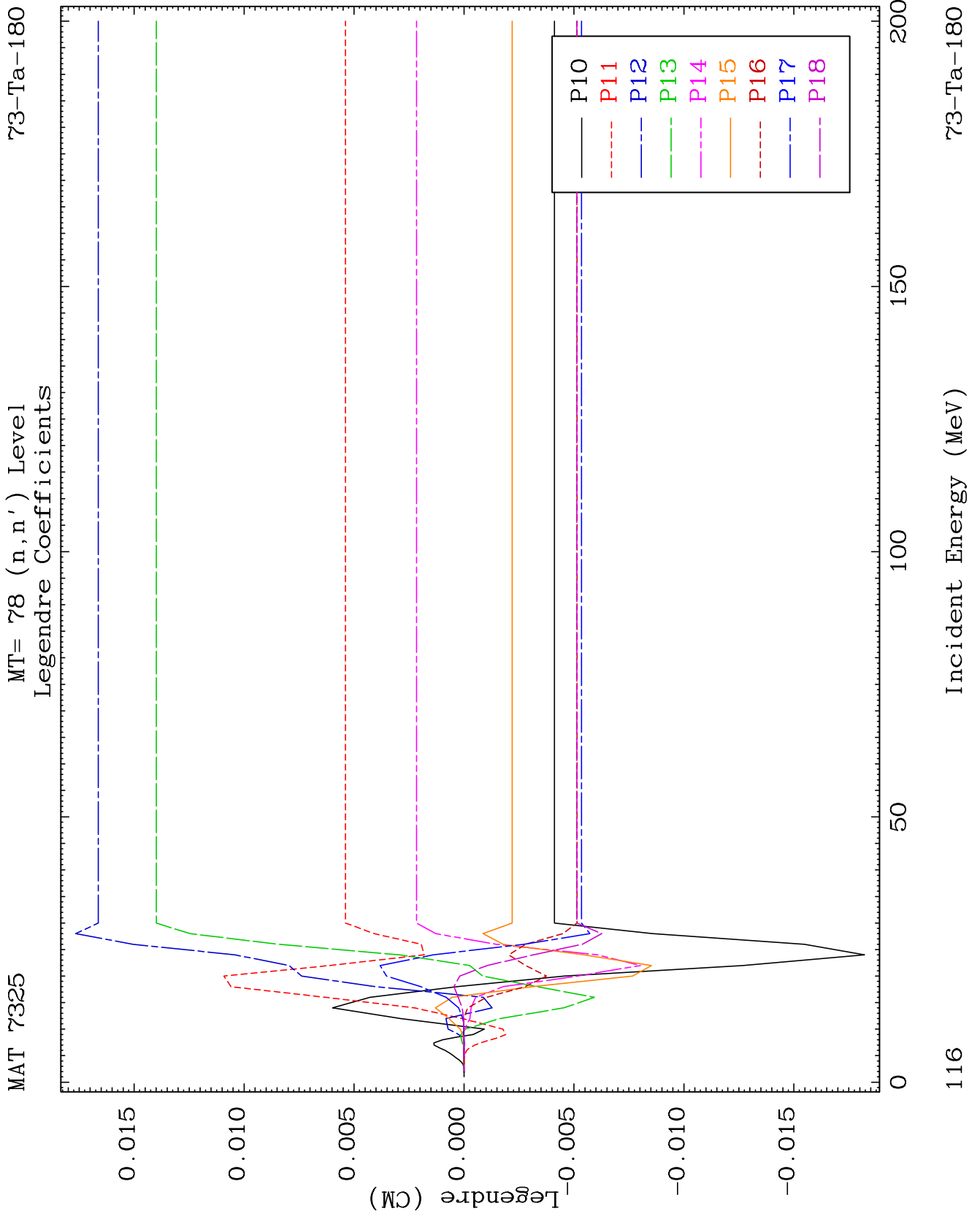
MT= 77 (n,n') Level
Legendre Coefficients

73-Ta-180



114

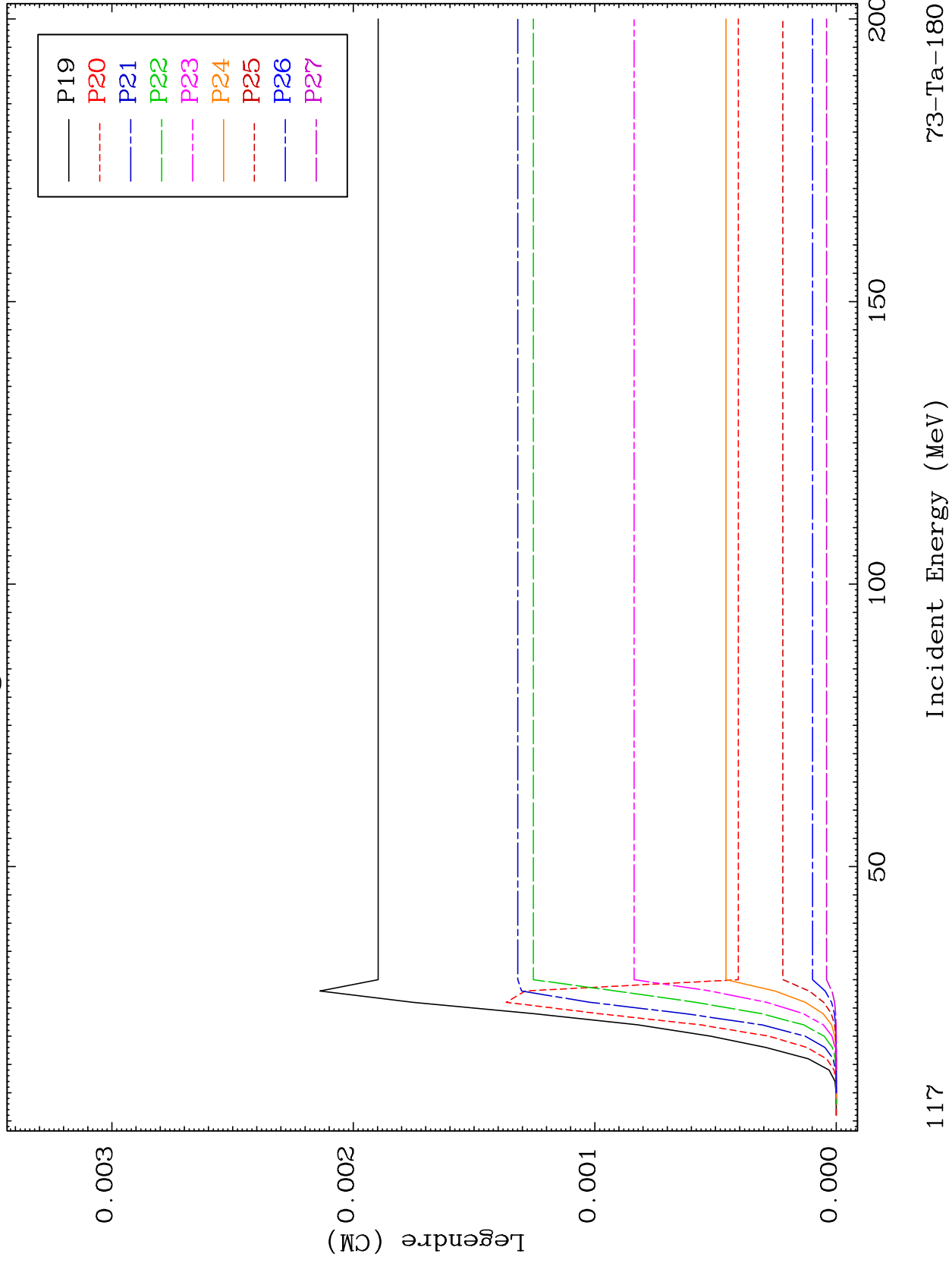




MAT 7325

MT= 78 (n,n') Level
Legendre Coefficients

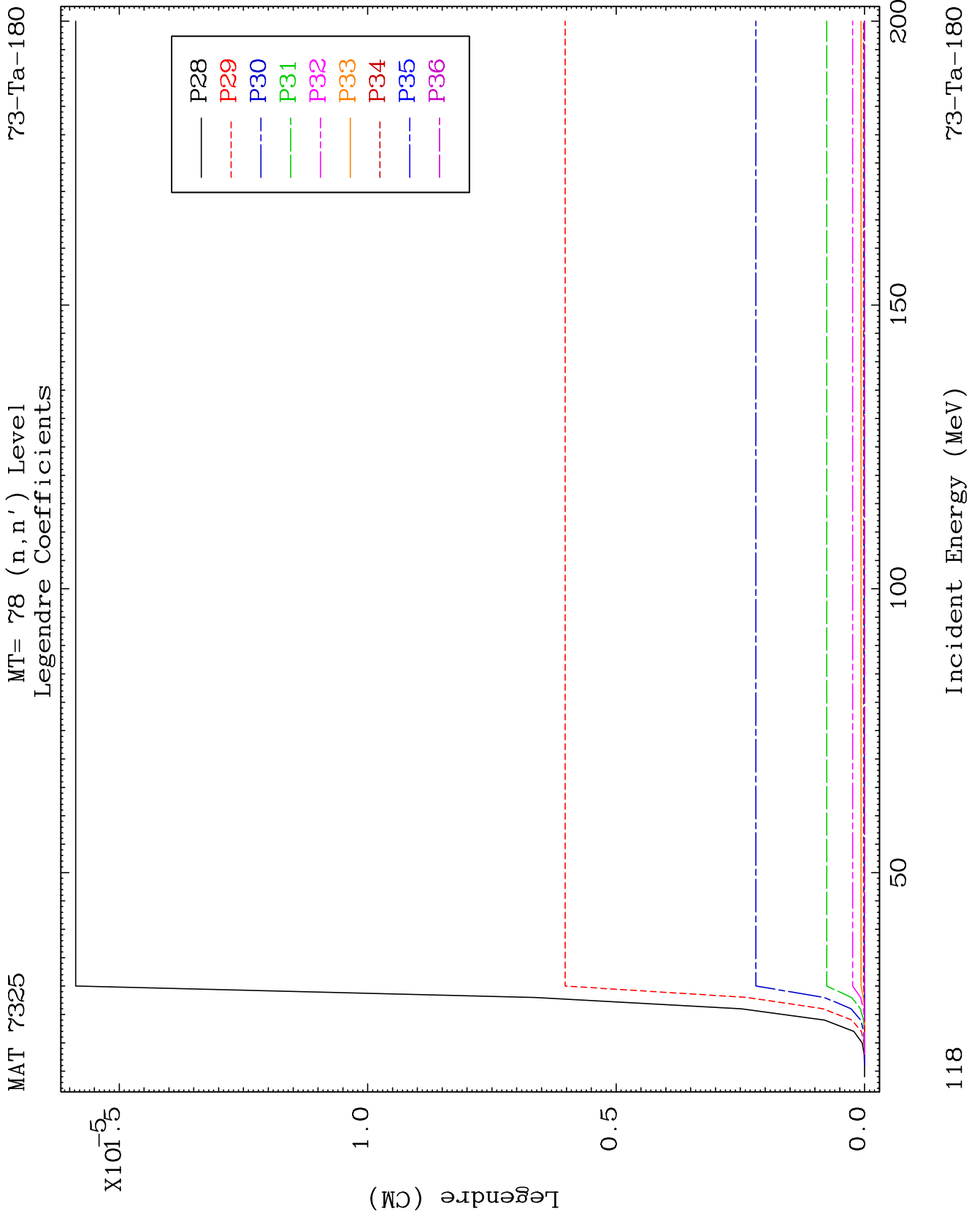
73-Ta-180



117

Incident Energy (MeV)

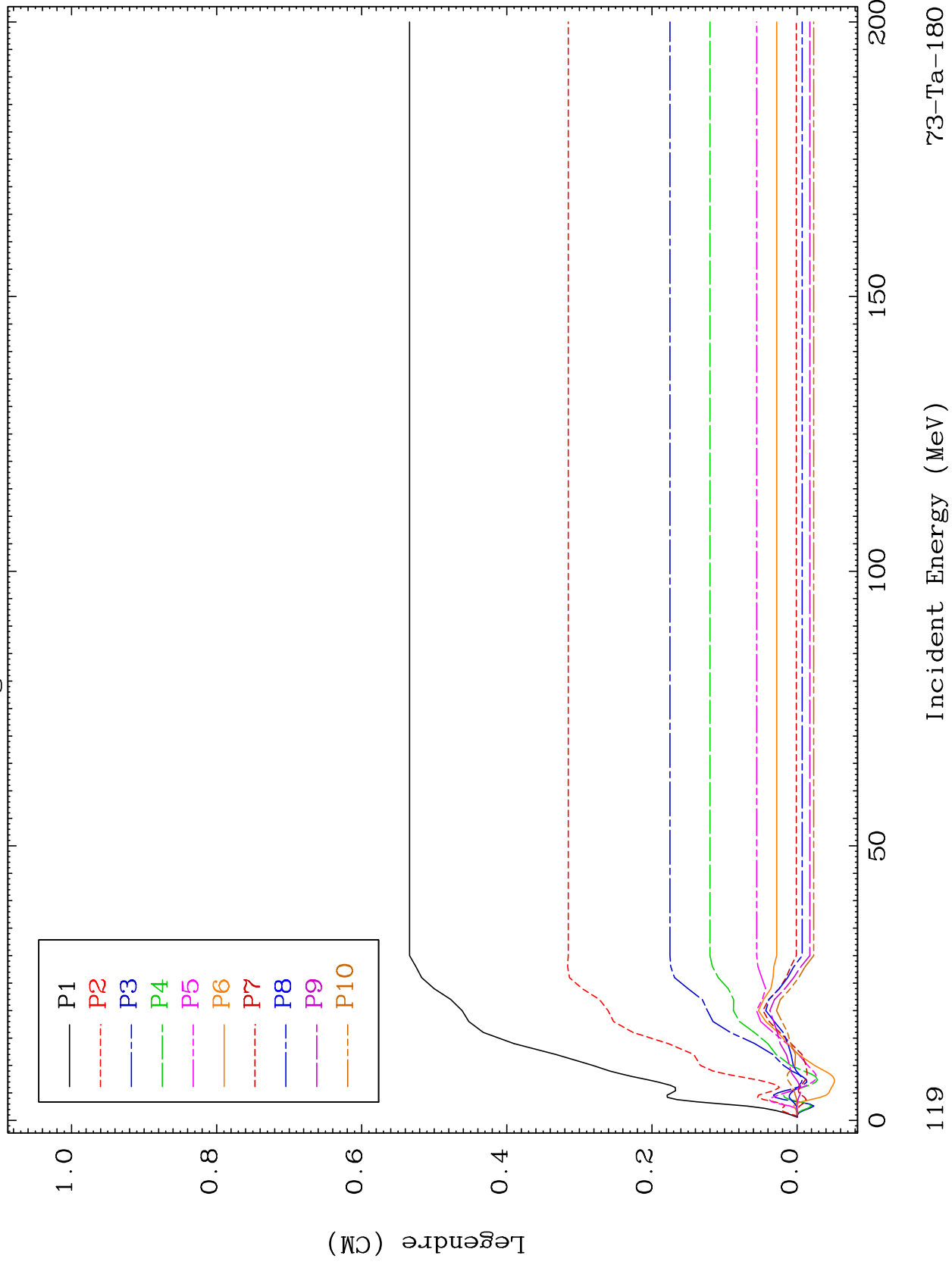
73-Ta-180



MAT 7325

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

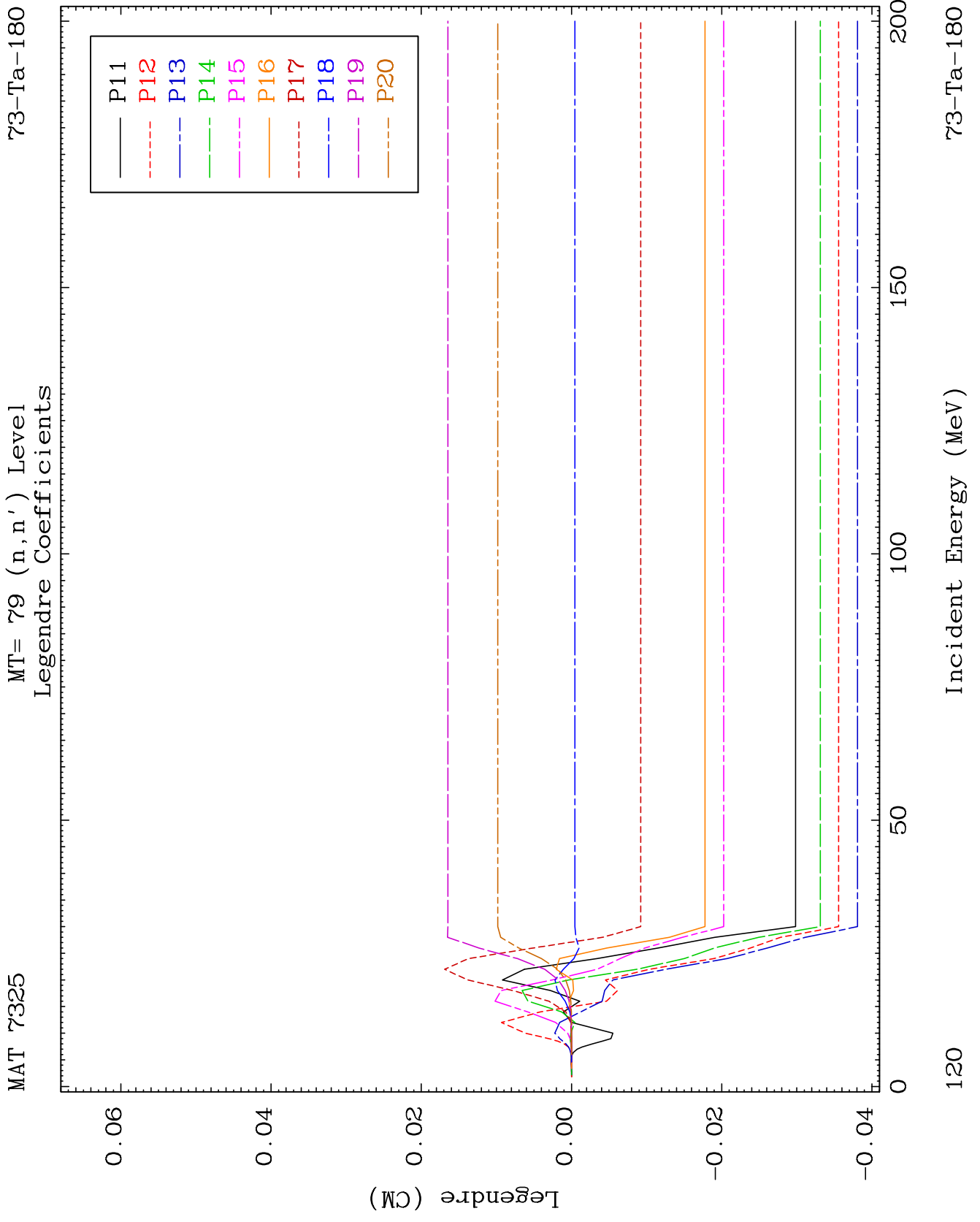
73-Ta-180



119

Incident Energy (MeV)

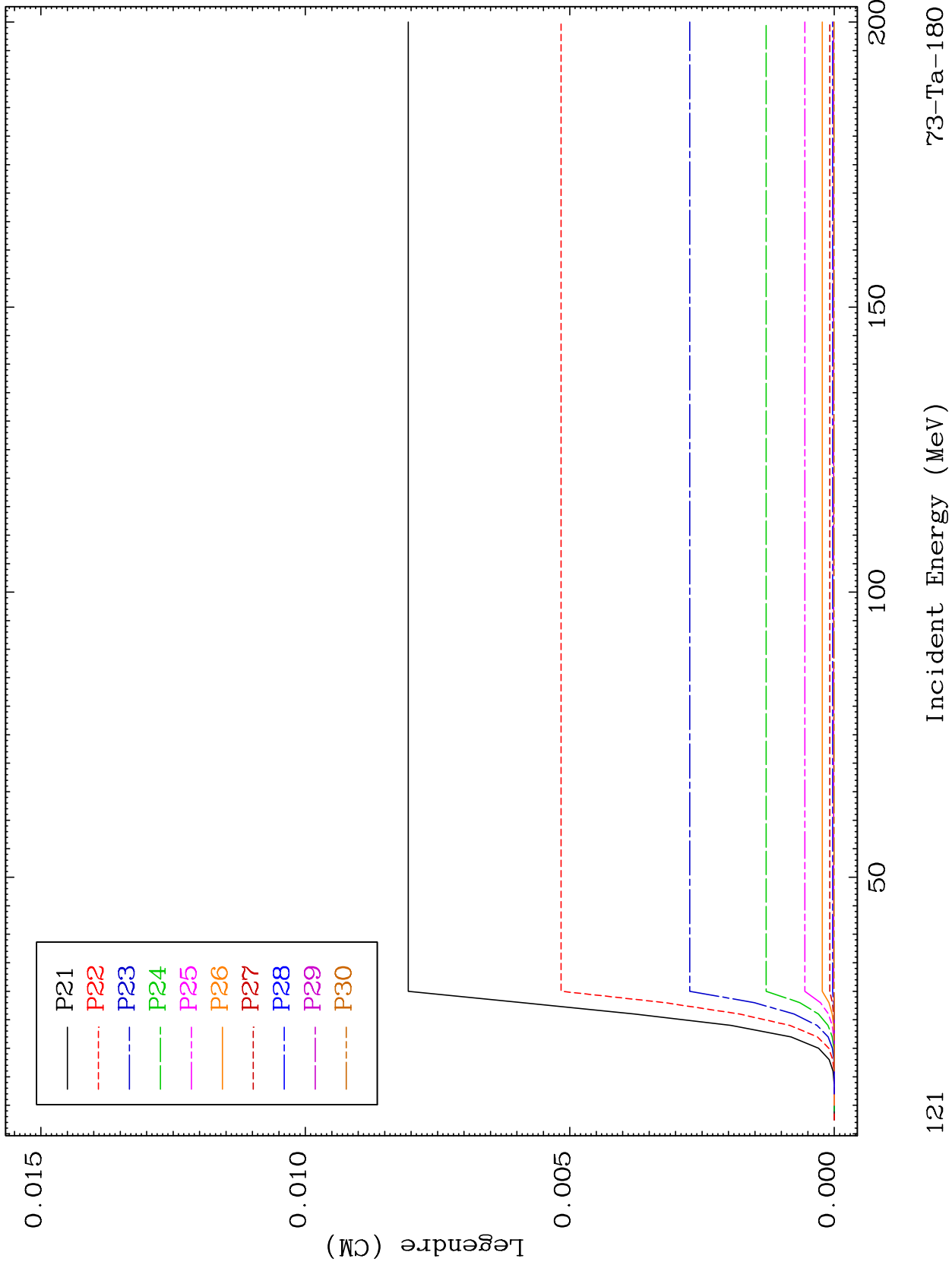
73-Ta-180



MAT 7325

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

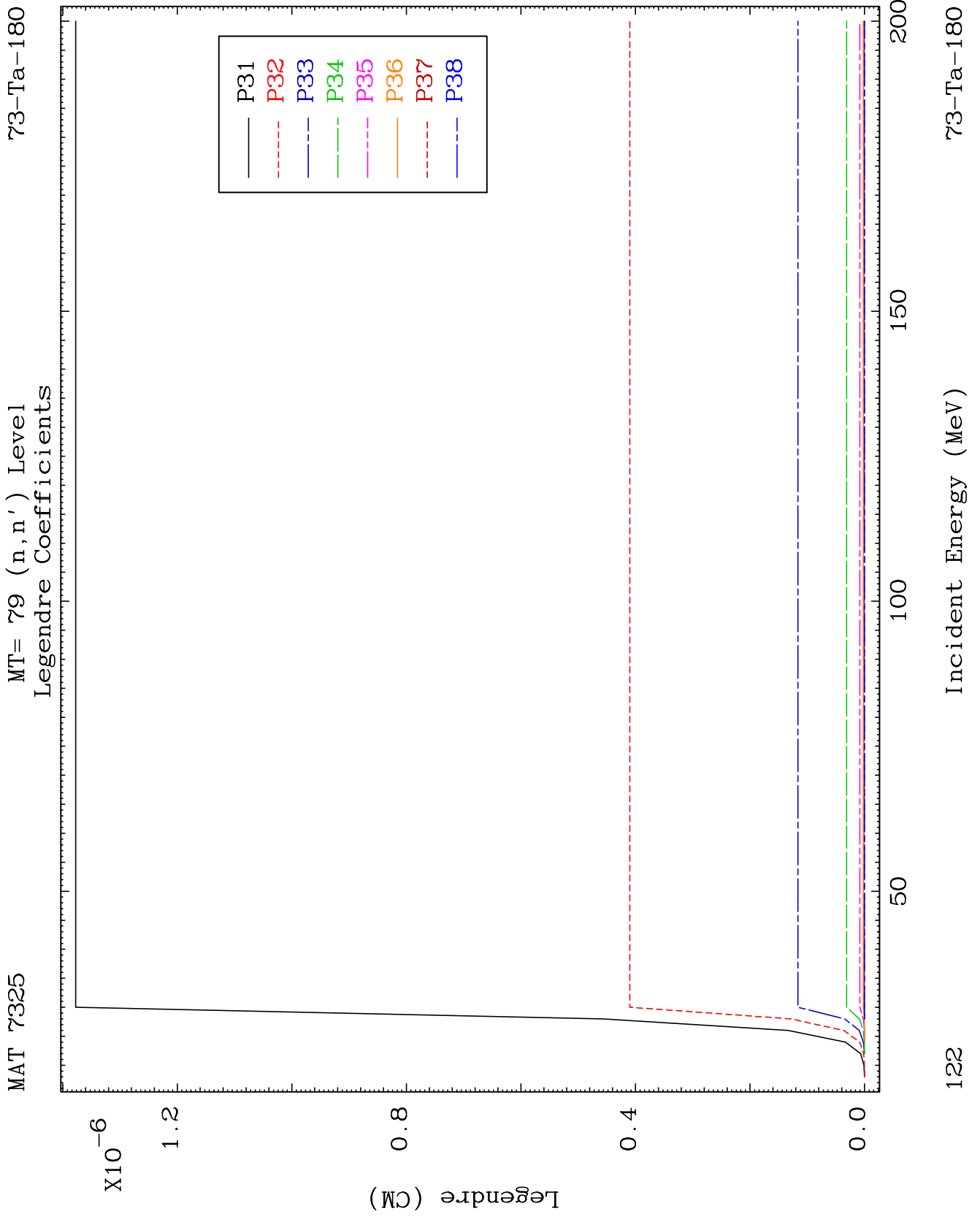
⁷³Ta-180

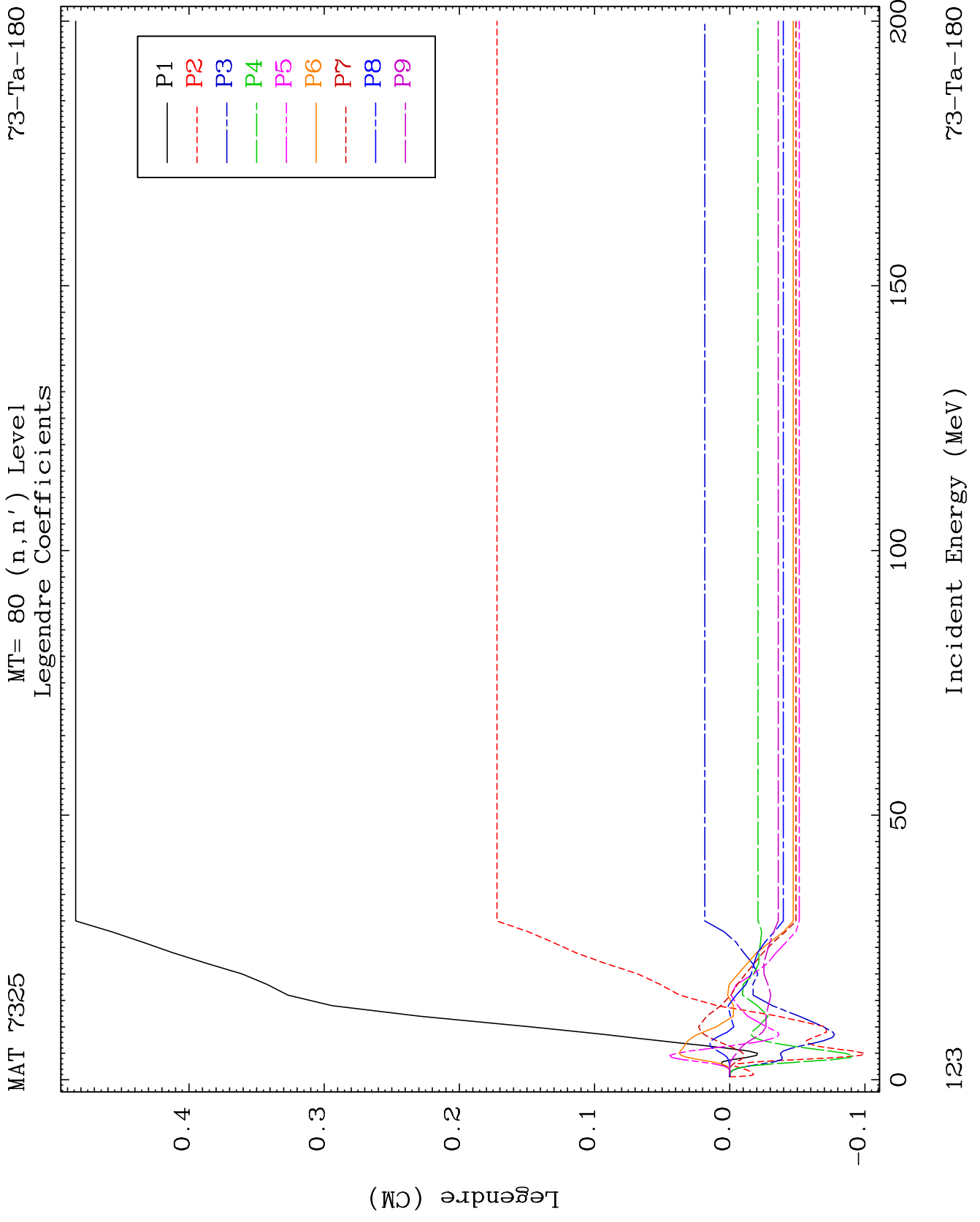


121

Incident Energy (MeV)

⁷³Ta-180

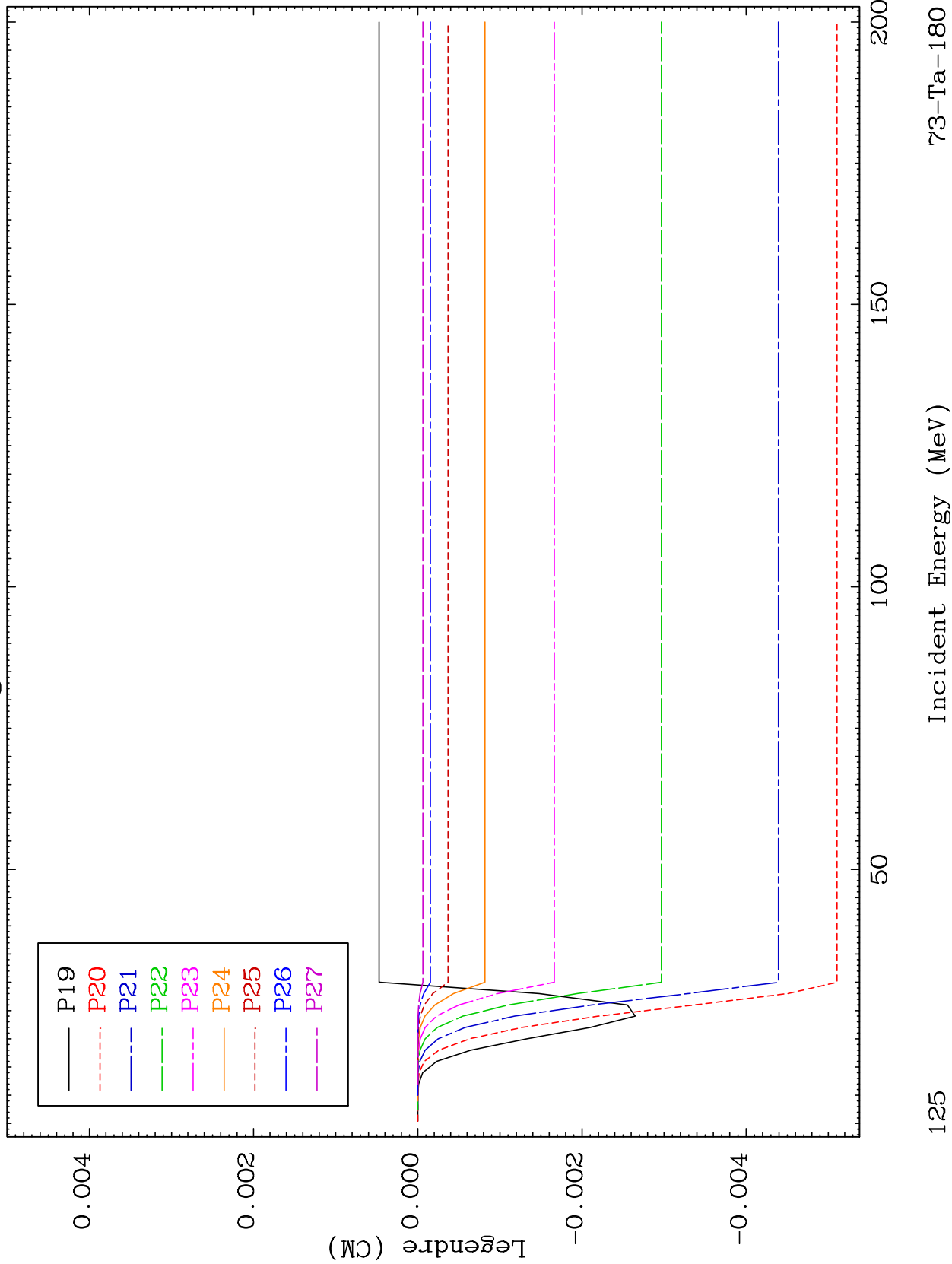




MAT 7325

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

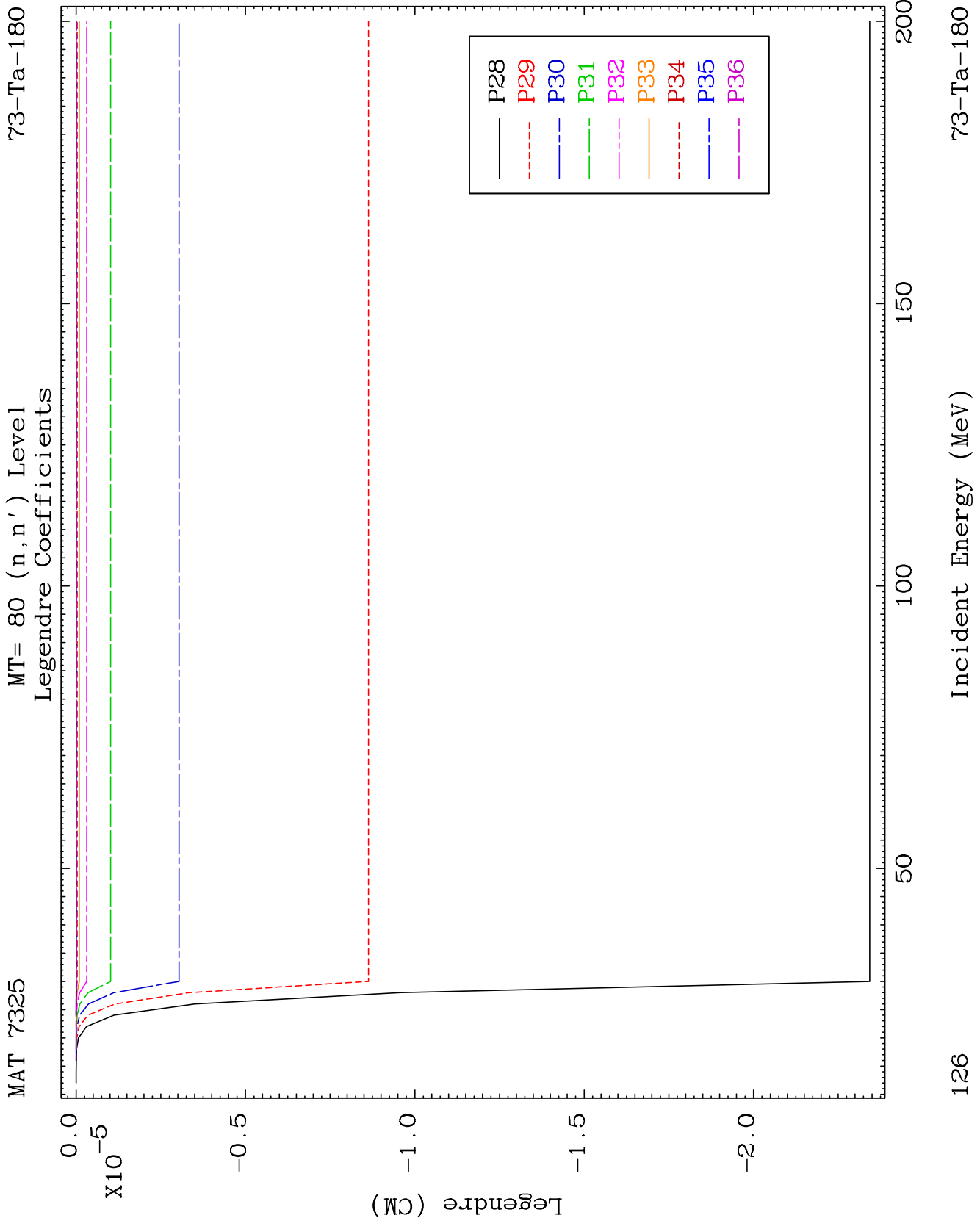
73-Ta-180



125

Incident Energy (MeV)

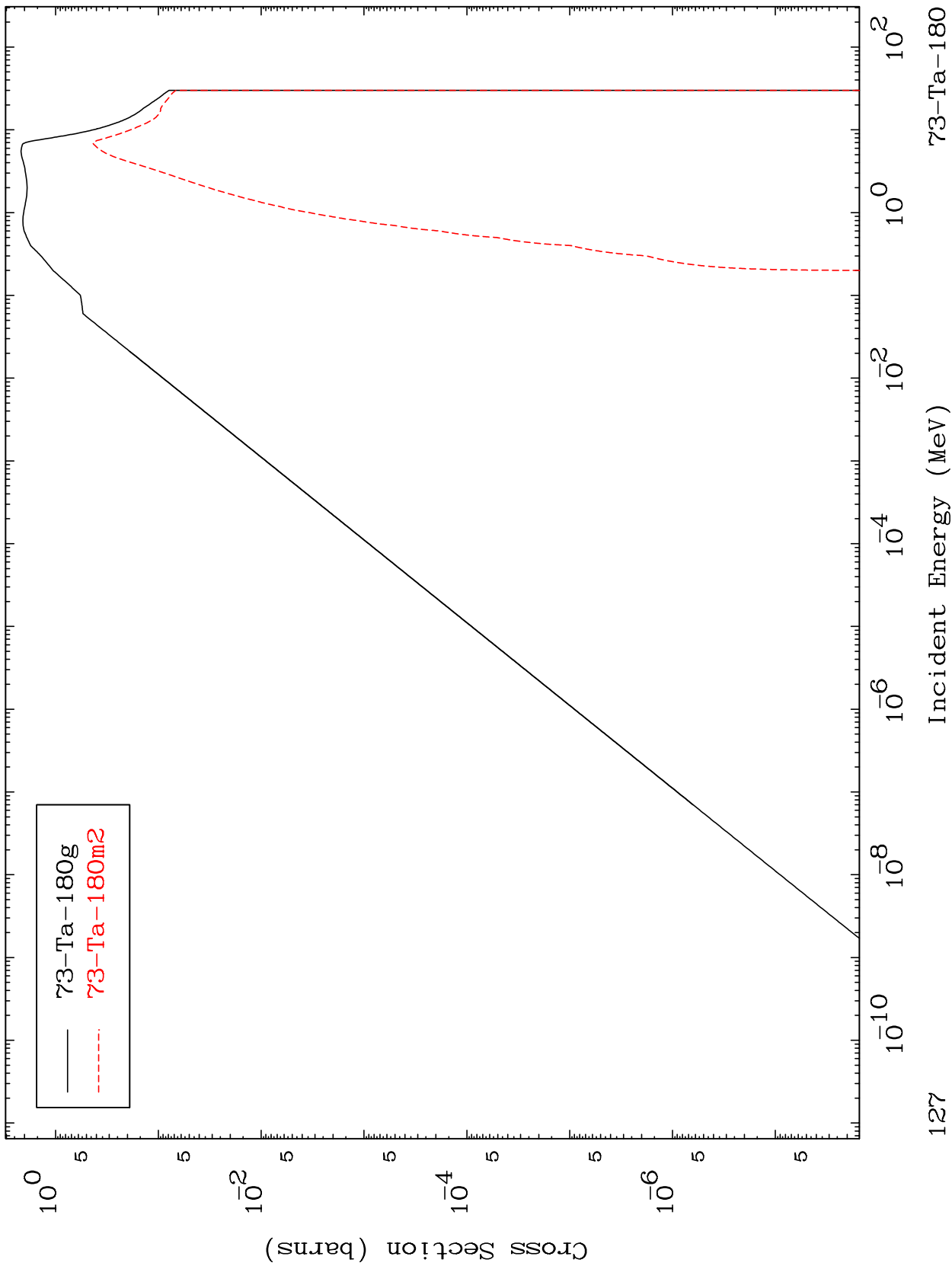
73-Ta-180



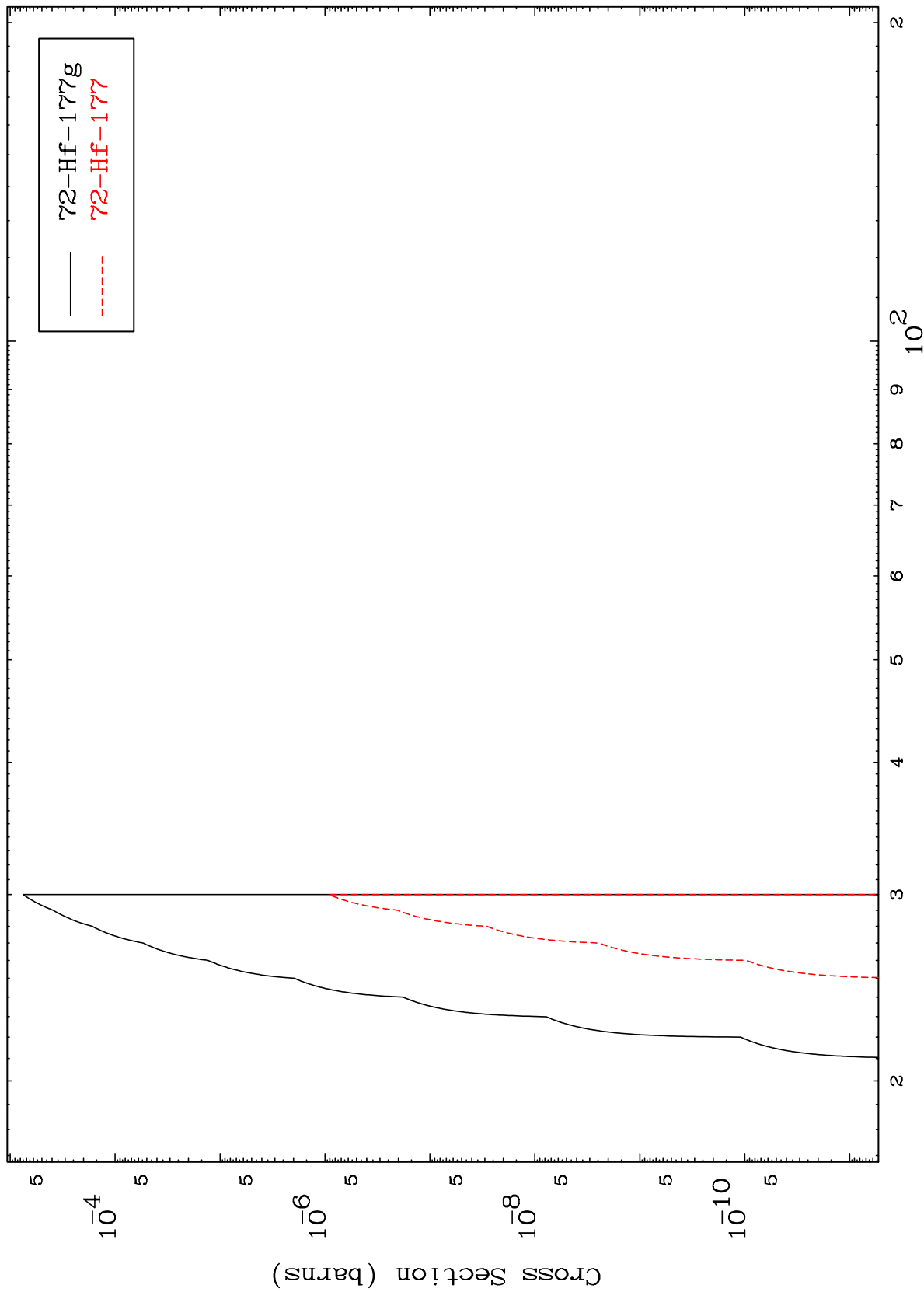
MAT 7325

Inelastic
Radionuclide Production Cross Section

⁷³Ta-180



Radionuclide Production Cross Section

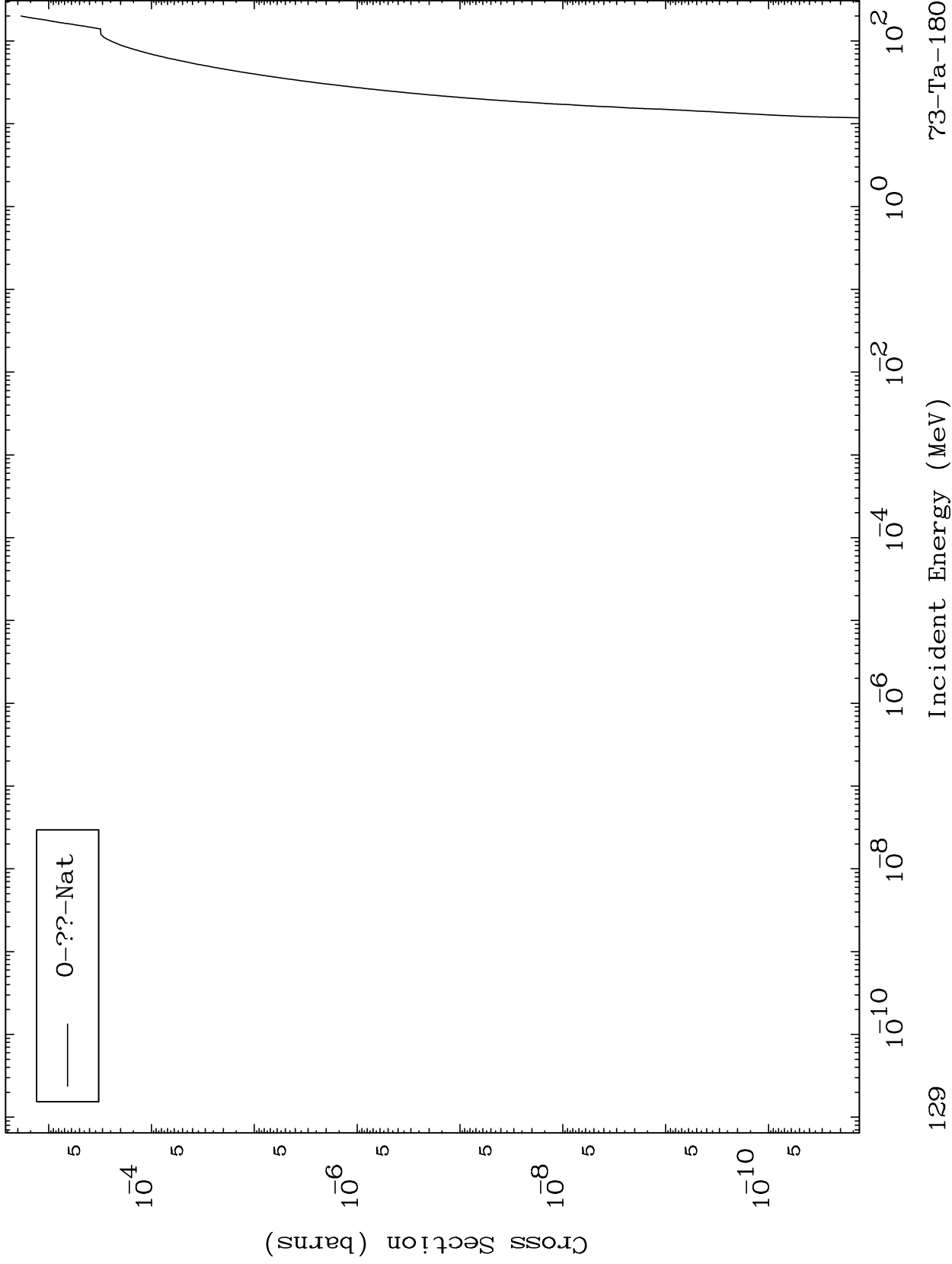


MAT 7325

Fission

⁷³Ta-180

Radionuclide Production Cross Section

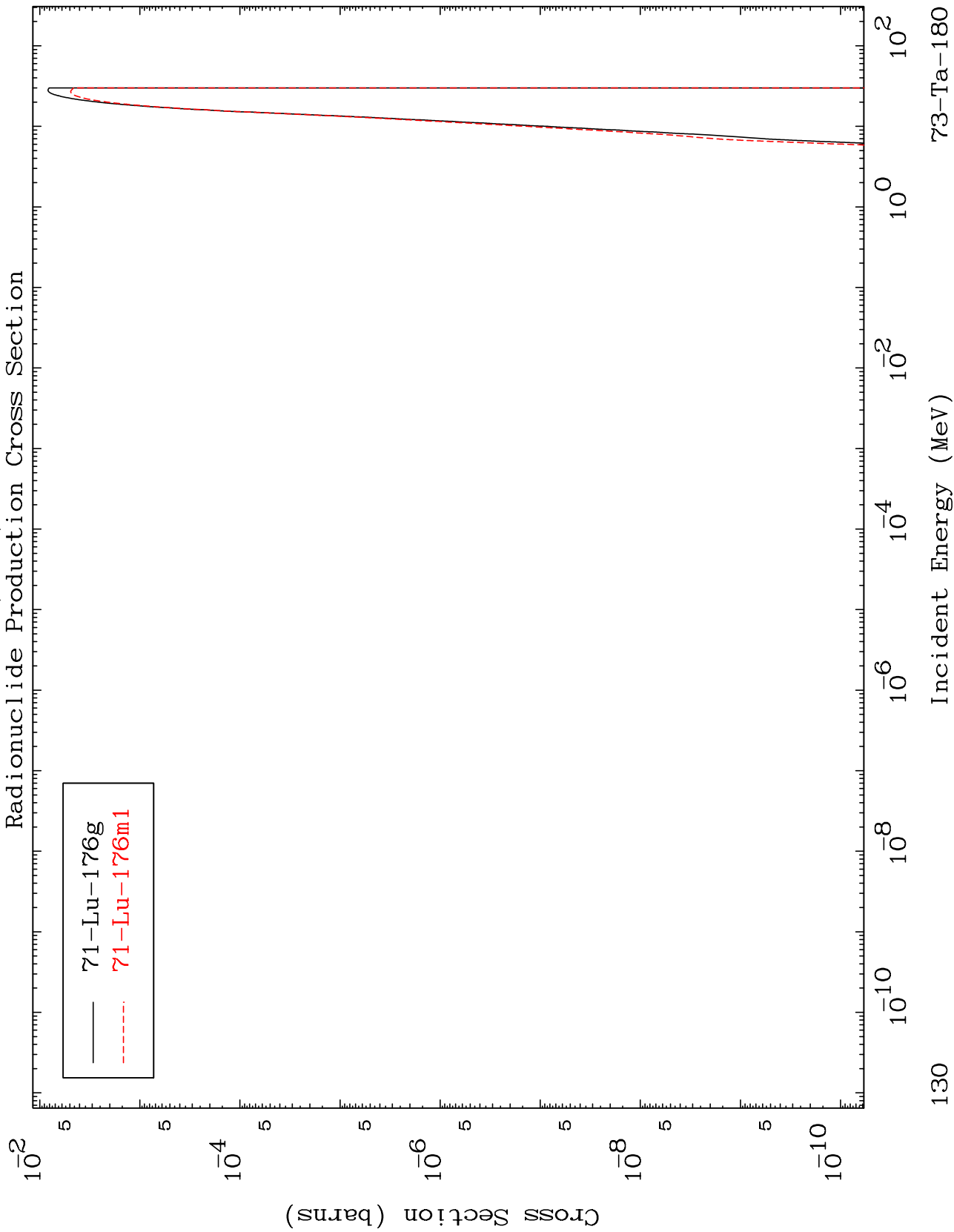


MAT 7325

$(n, n') \alpha$

$^{73}\text{Ta-180}$

Radionuclide Production Cross Section



130

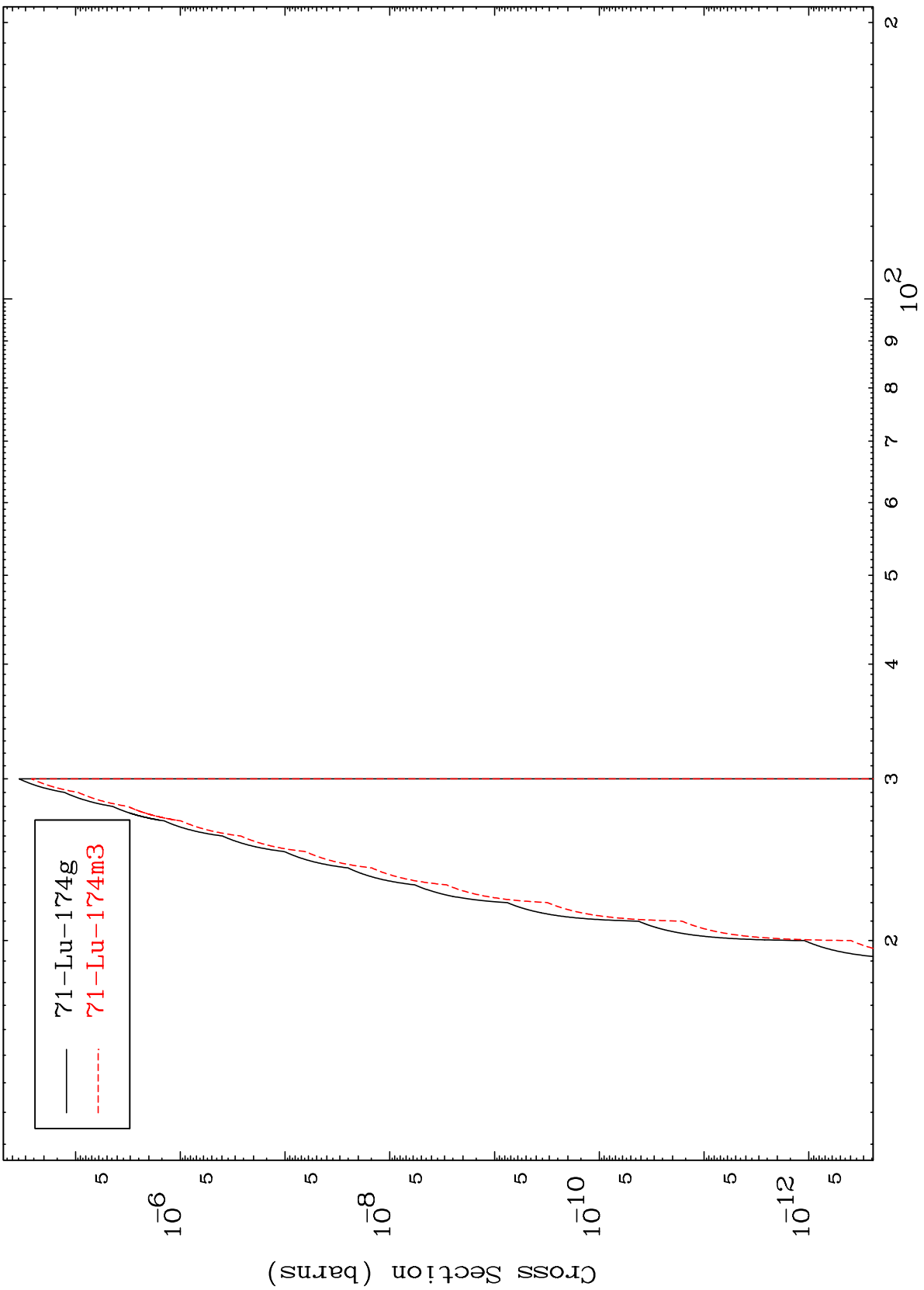
$^{73}\text{Ta-180}$

MAT 7325

(n,3n) α

⁷³Ta-180

Radionuclide Production Cross Section



131

Incident Energy (MeV)

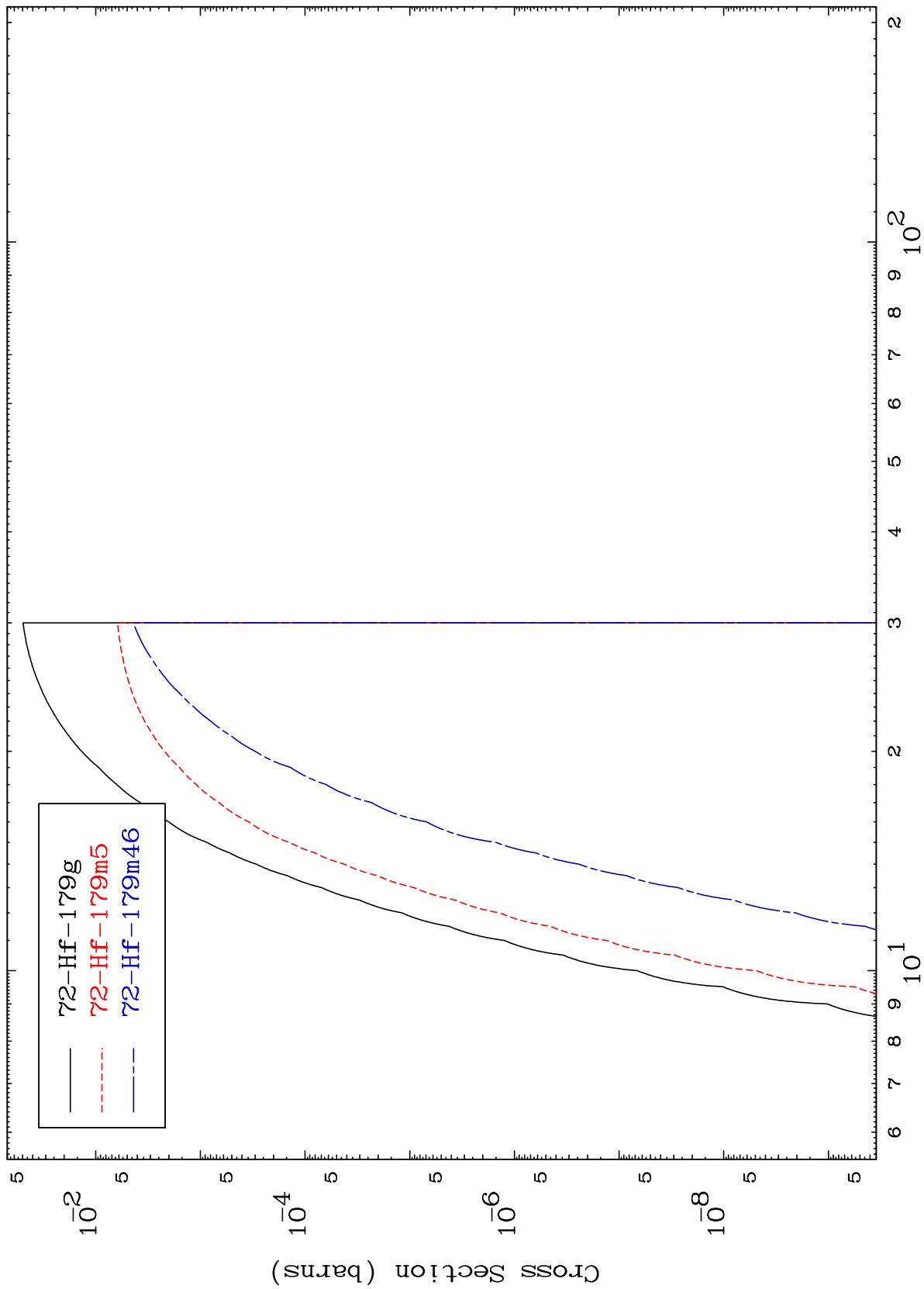
⁷³Ta-180

MAT 7325

(n,n') p

⁷³Ta-180

Radionuclide Production Cross Section

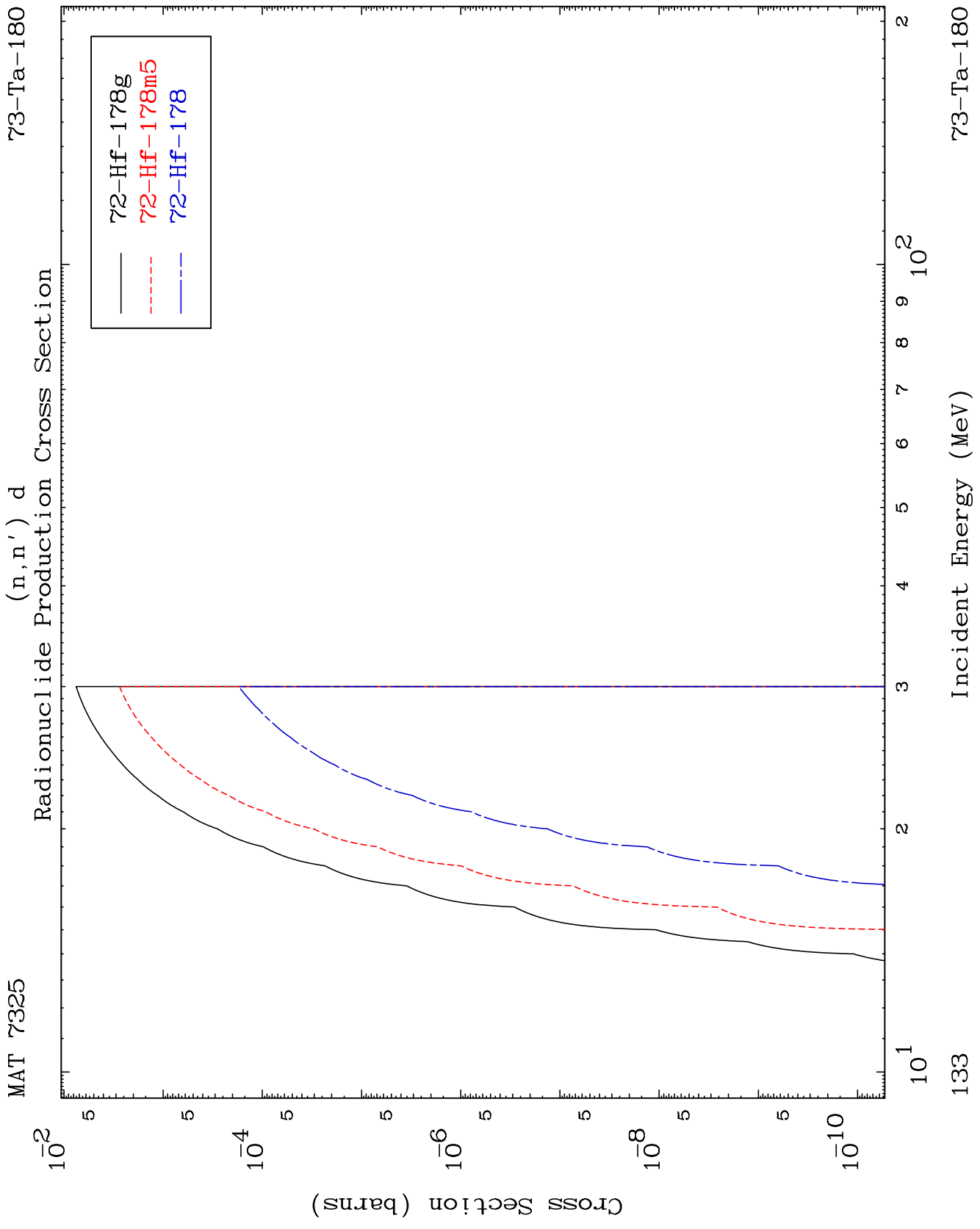


72-Hf-179g
72-Hf-179m5
72-Hf-179m46

132

Incident Energy (MeV)

⁷³Ta-180

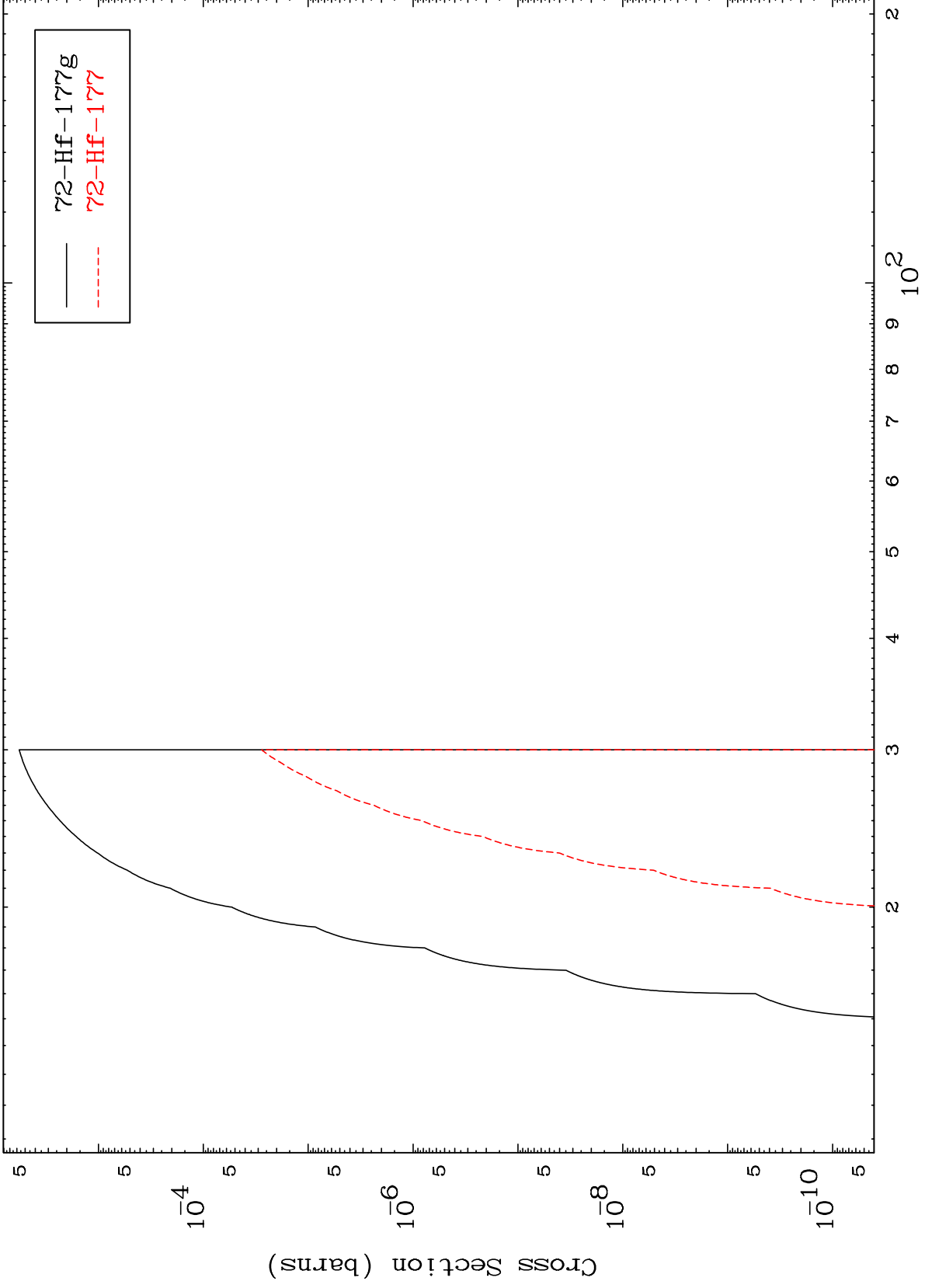


MAT 7325

(n,n') t

73-Ta-180

Radionuclide Production Cross Section



134

Incident Energy (MeV)

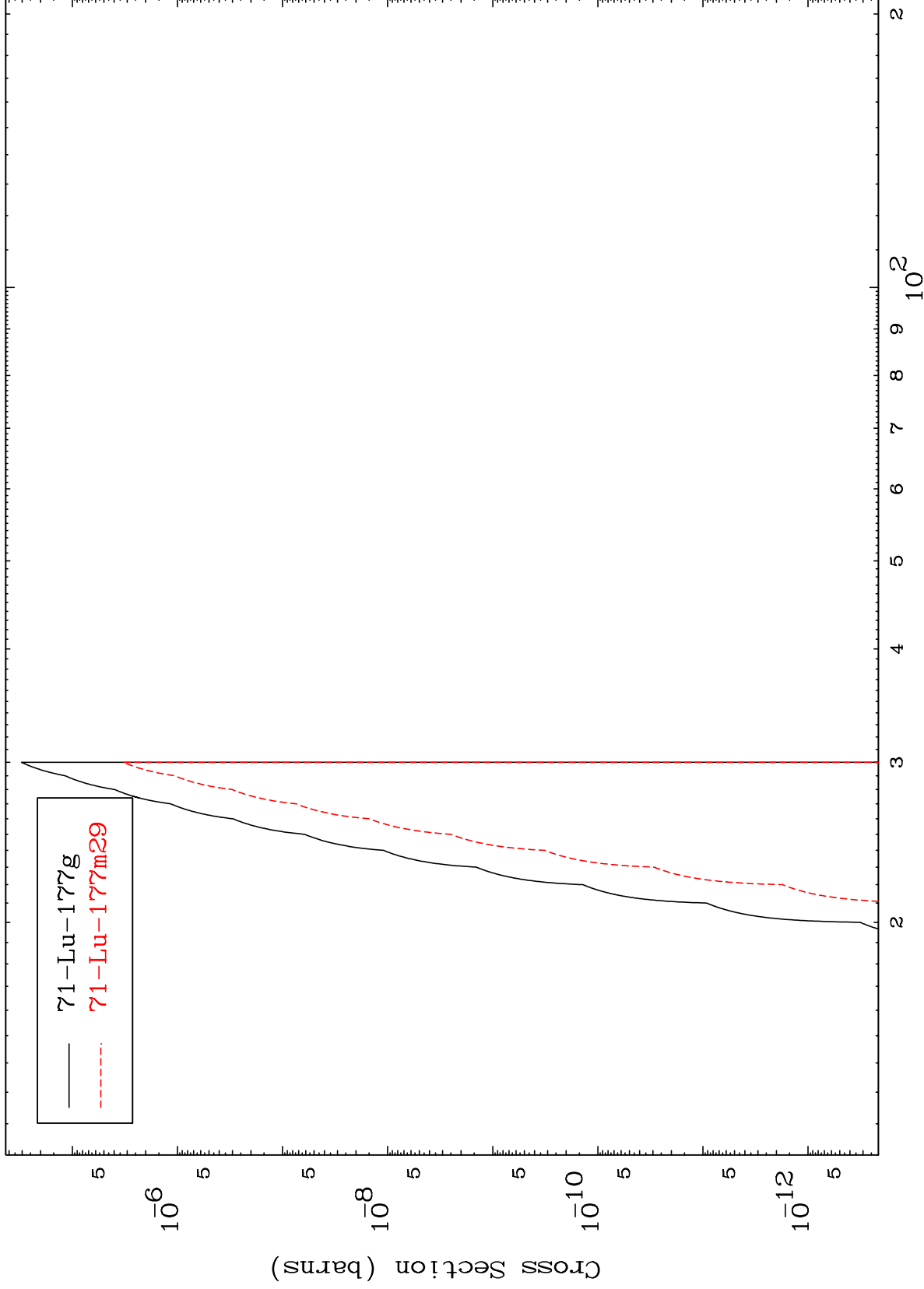
73-Ta-180

MAT 7325

(n,n') He-3

73-Ta-180

Radionuclide Production Cross Section



135

Incident Energy (MeV)

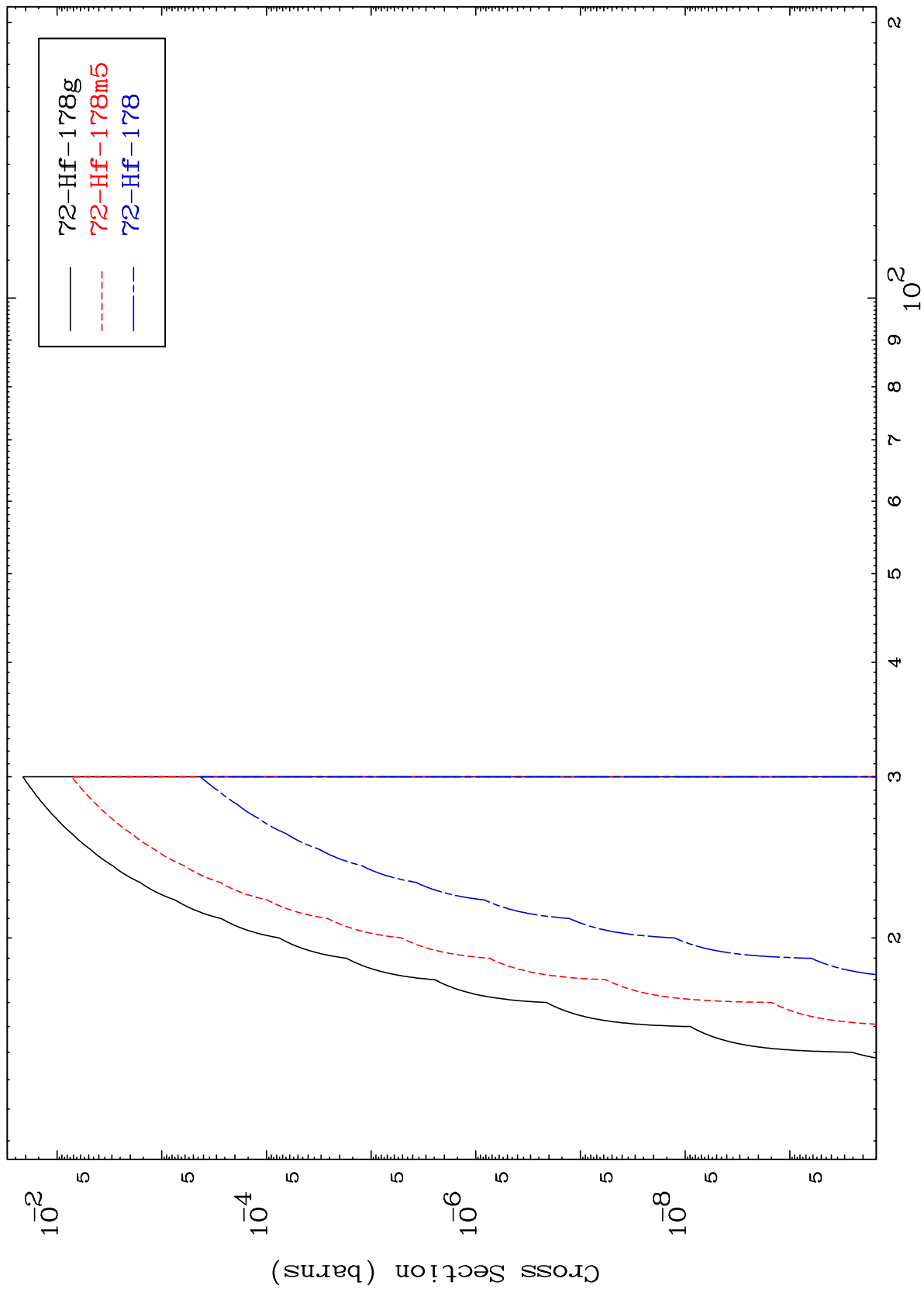
73-Ta-180

MAT 7325

(n,2n) p

73-Ta-180

Radionuclide Production Cross Section



136

Incident Energy (MeV)

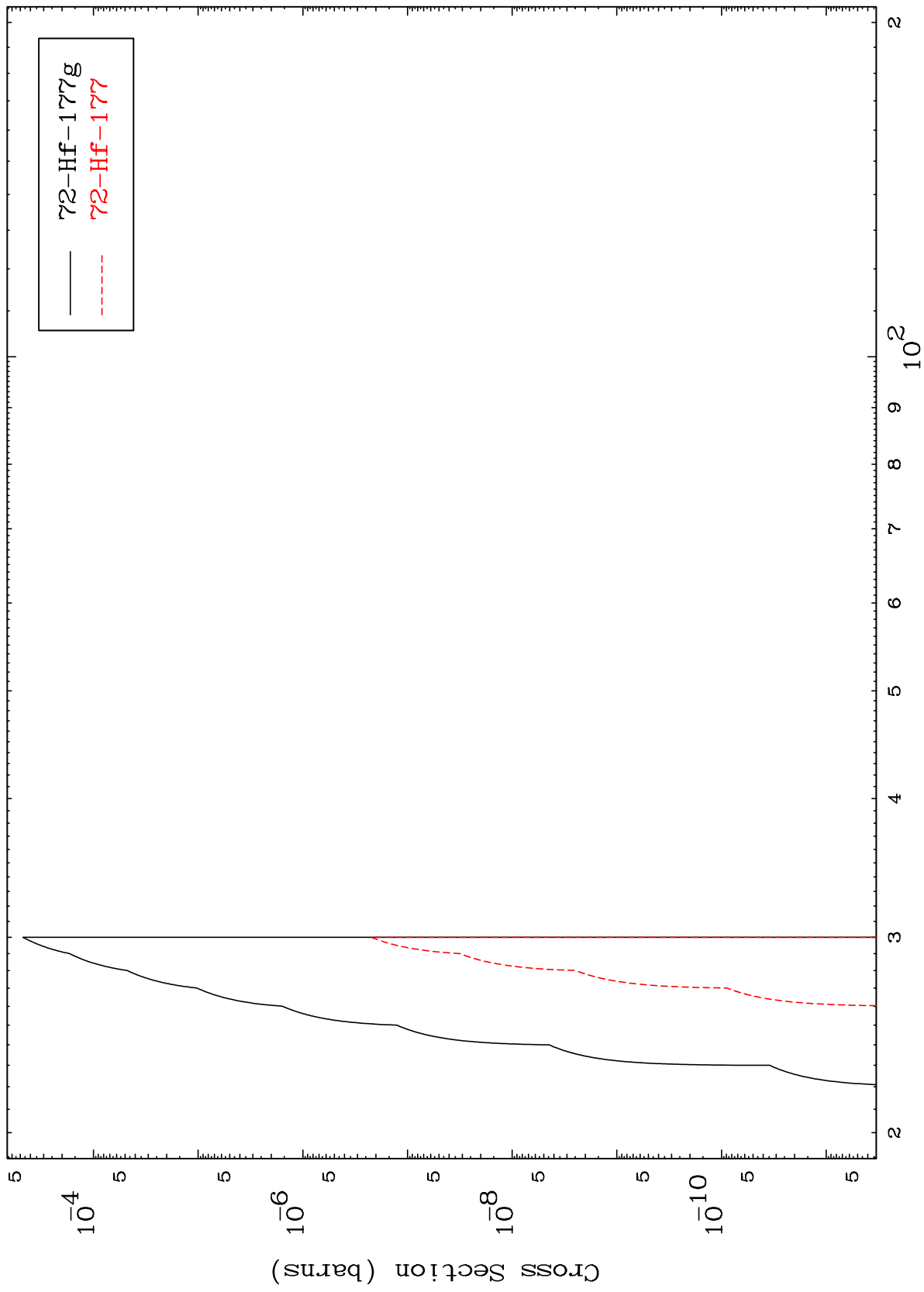
73-Ta-180

MAT 7325

(n,3n) p

73-Ta-180

Radionuclide Production Cross Section

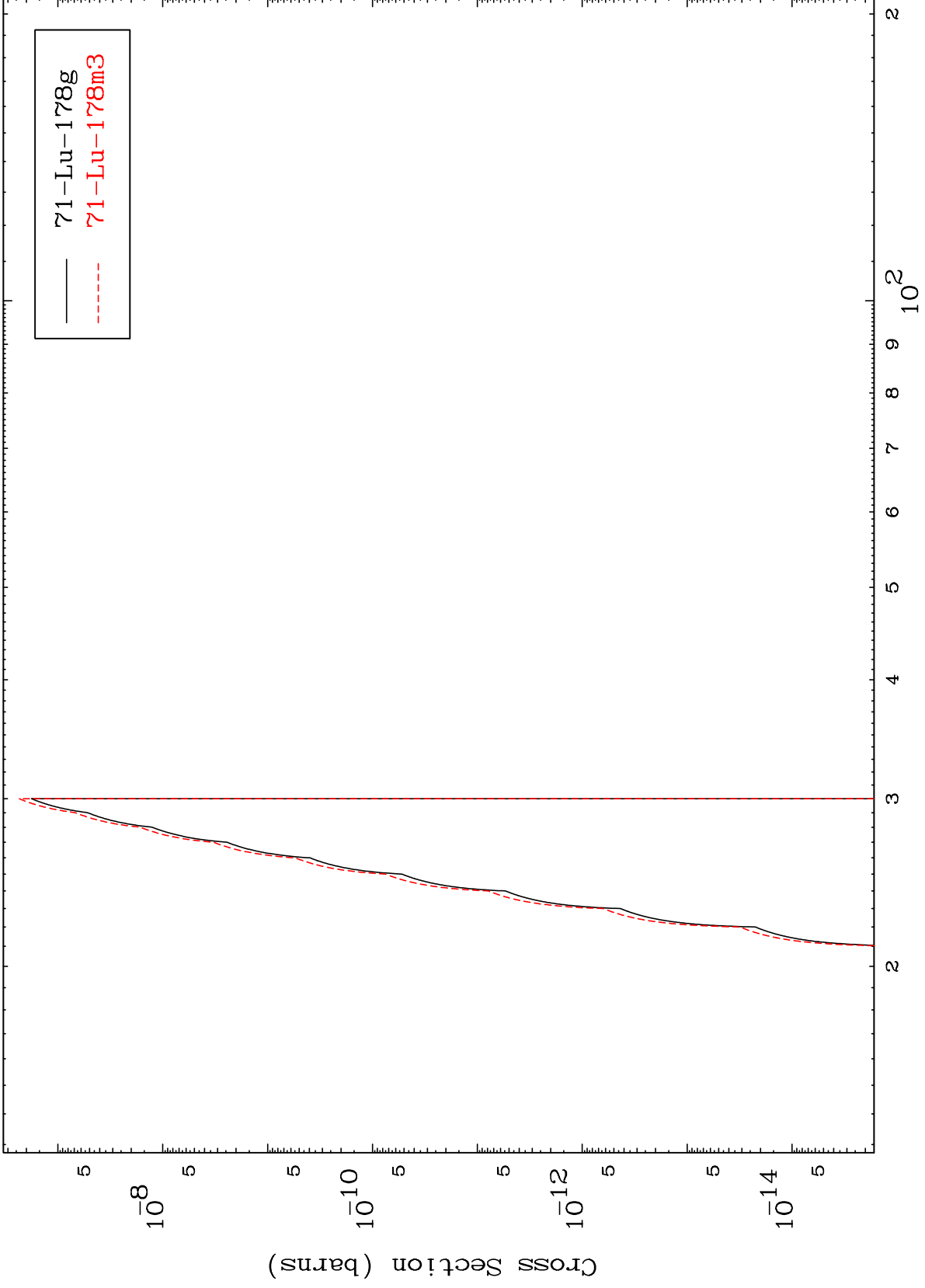


137

Incident Energy (MeV)

73-Ta-180

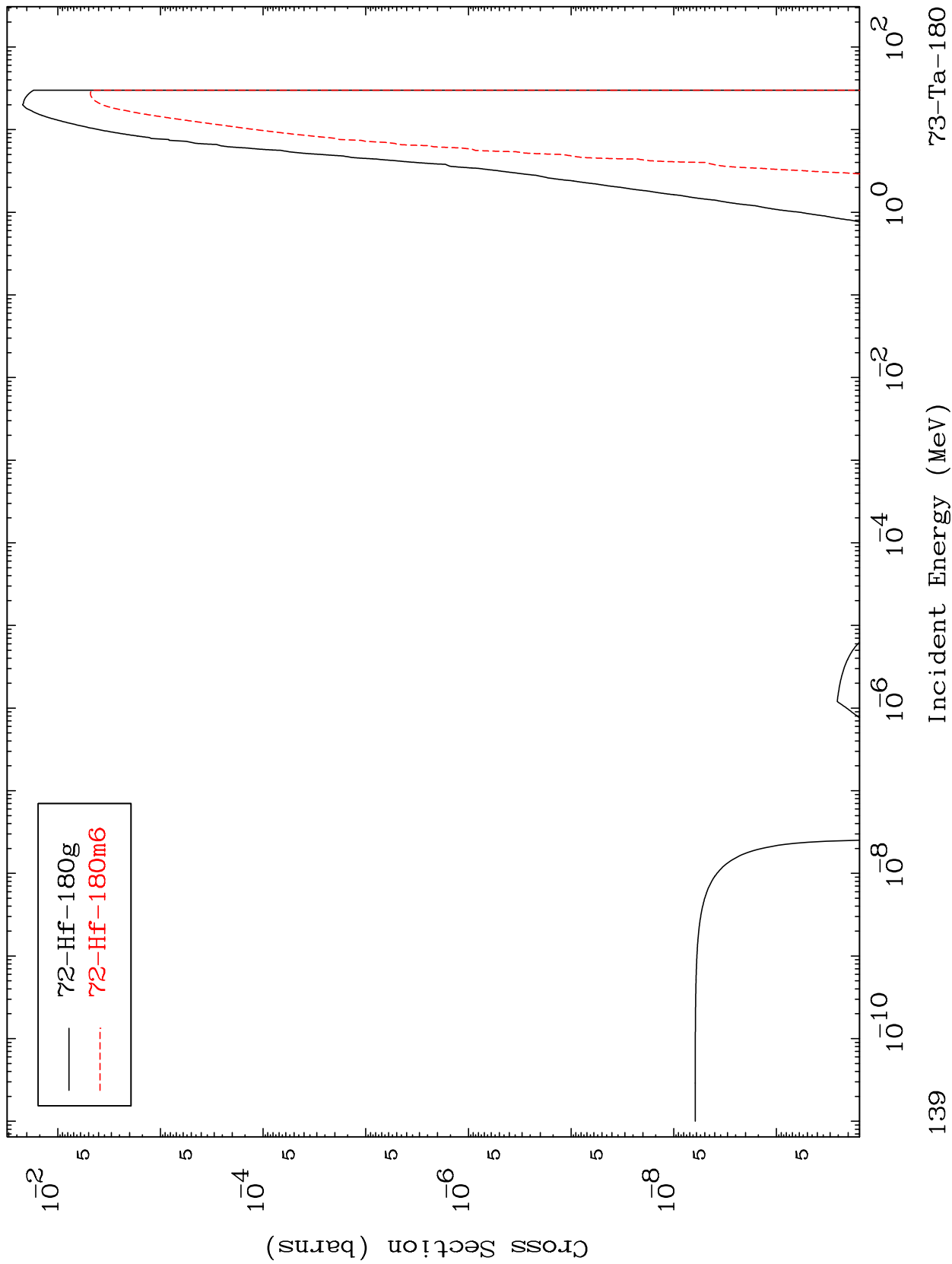
(n,2n) p
Radionuclide Production Cross Section



MAT 7325

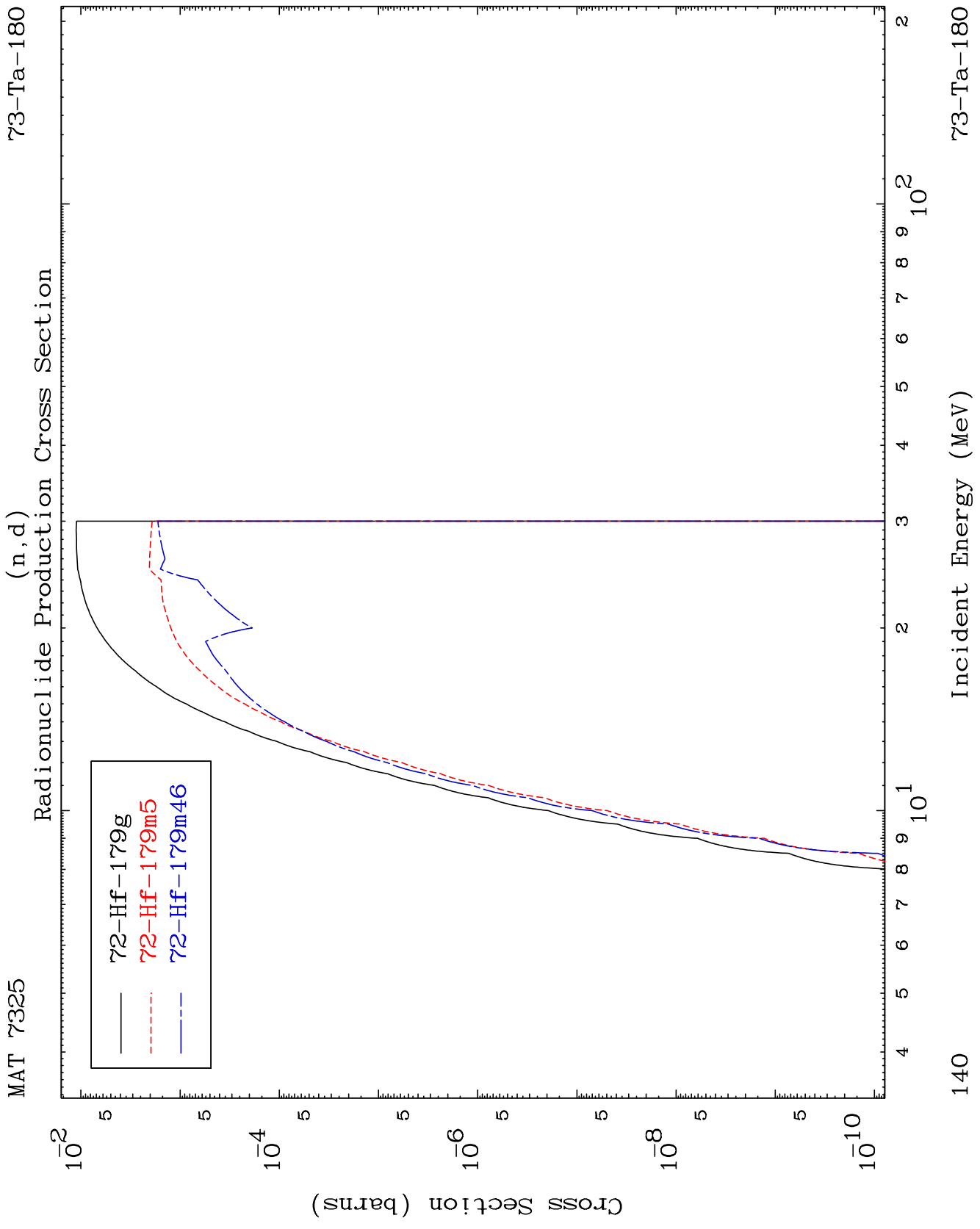
73-Ta-180

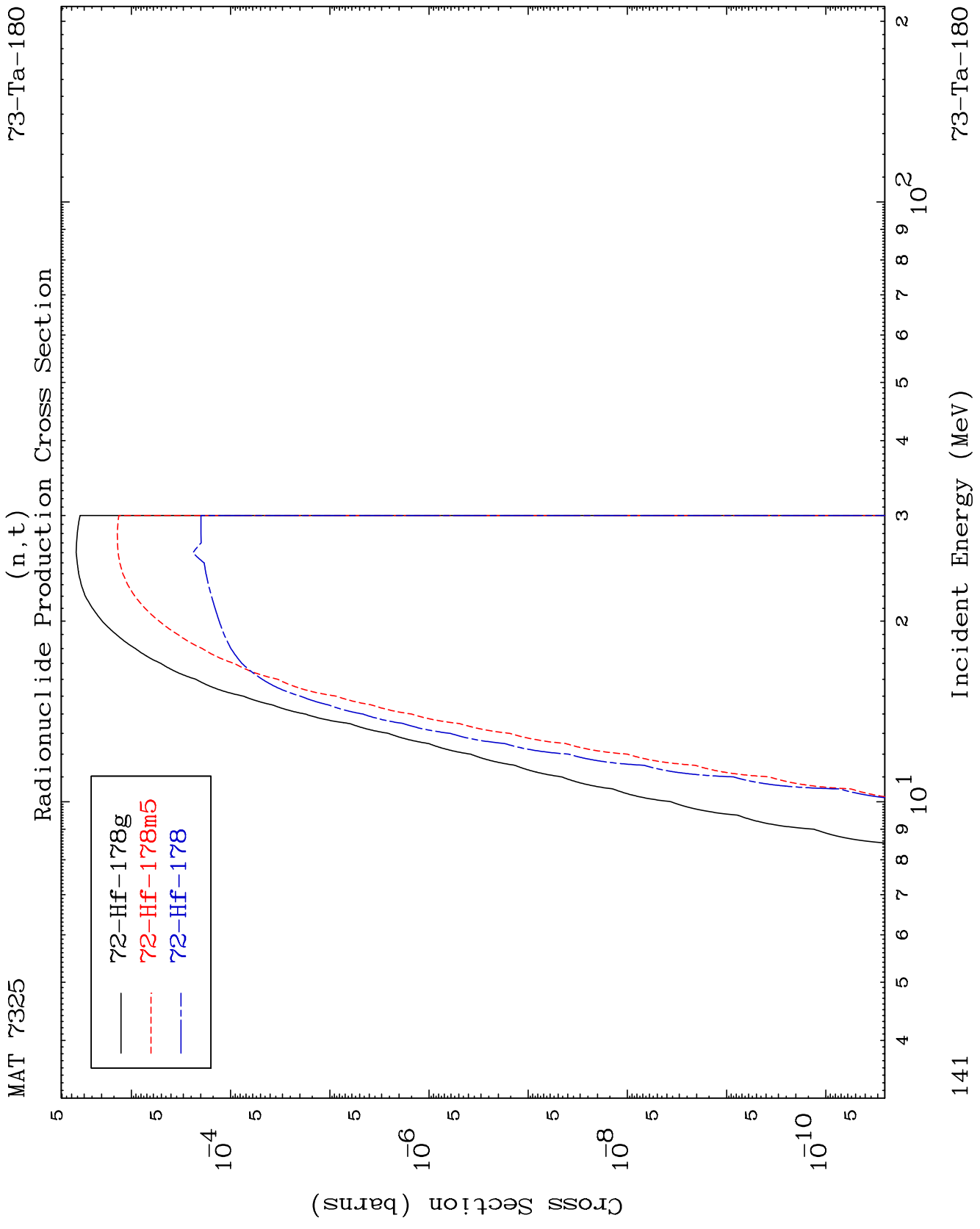
(n,p)
Radionuclide Production Cross Section



139

73-Ta-180



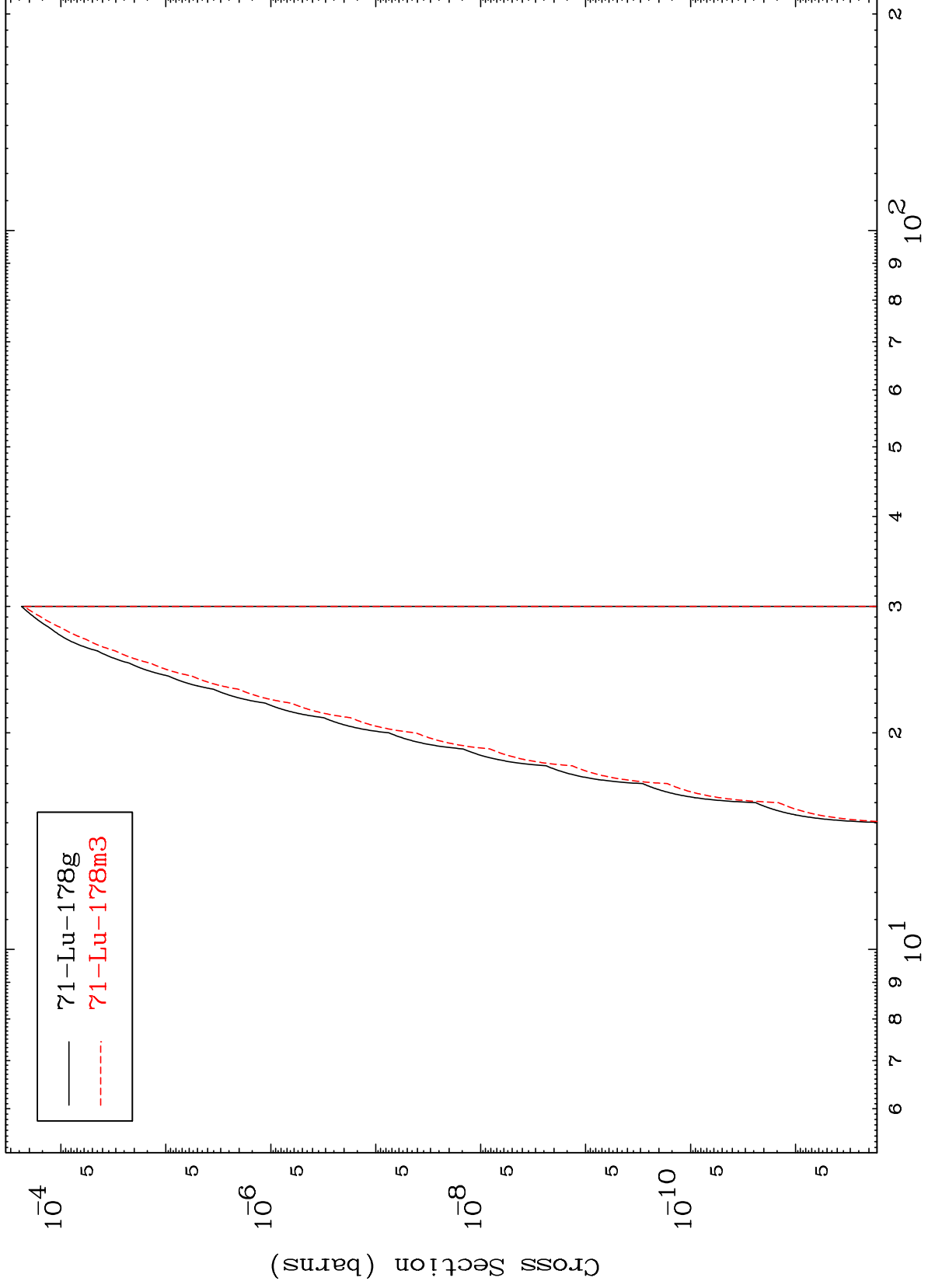


MAT 7325

(n,He-3)

73-Ta-180

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

142

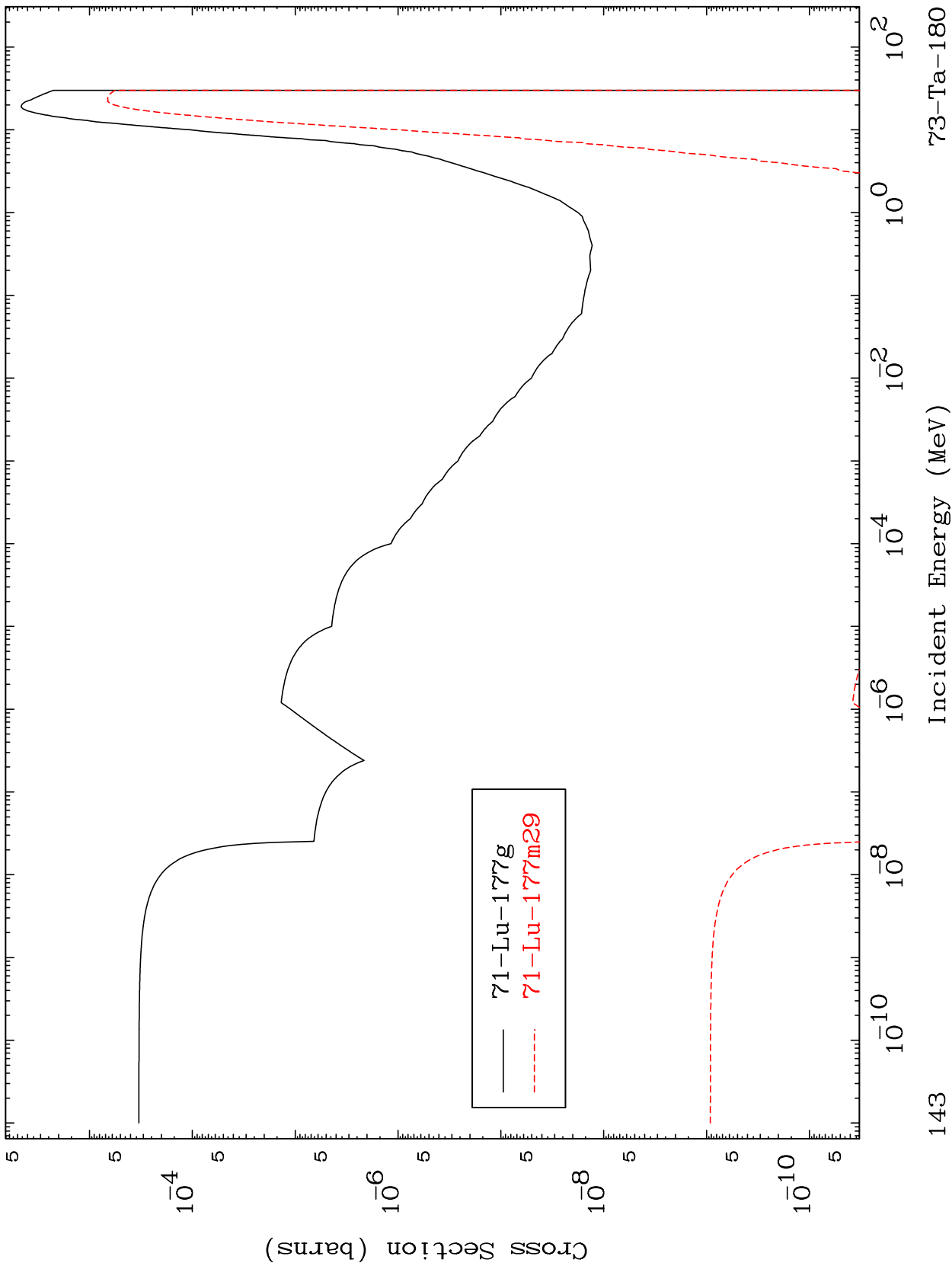
Incident Energy (MeV)

73-Ta-180

MAT 7325

73-Ta-180

Radionuclide Production Cross Section

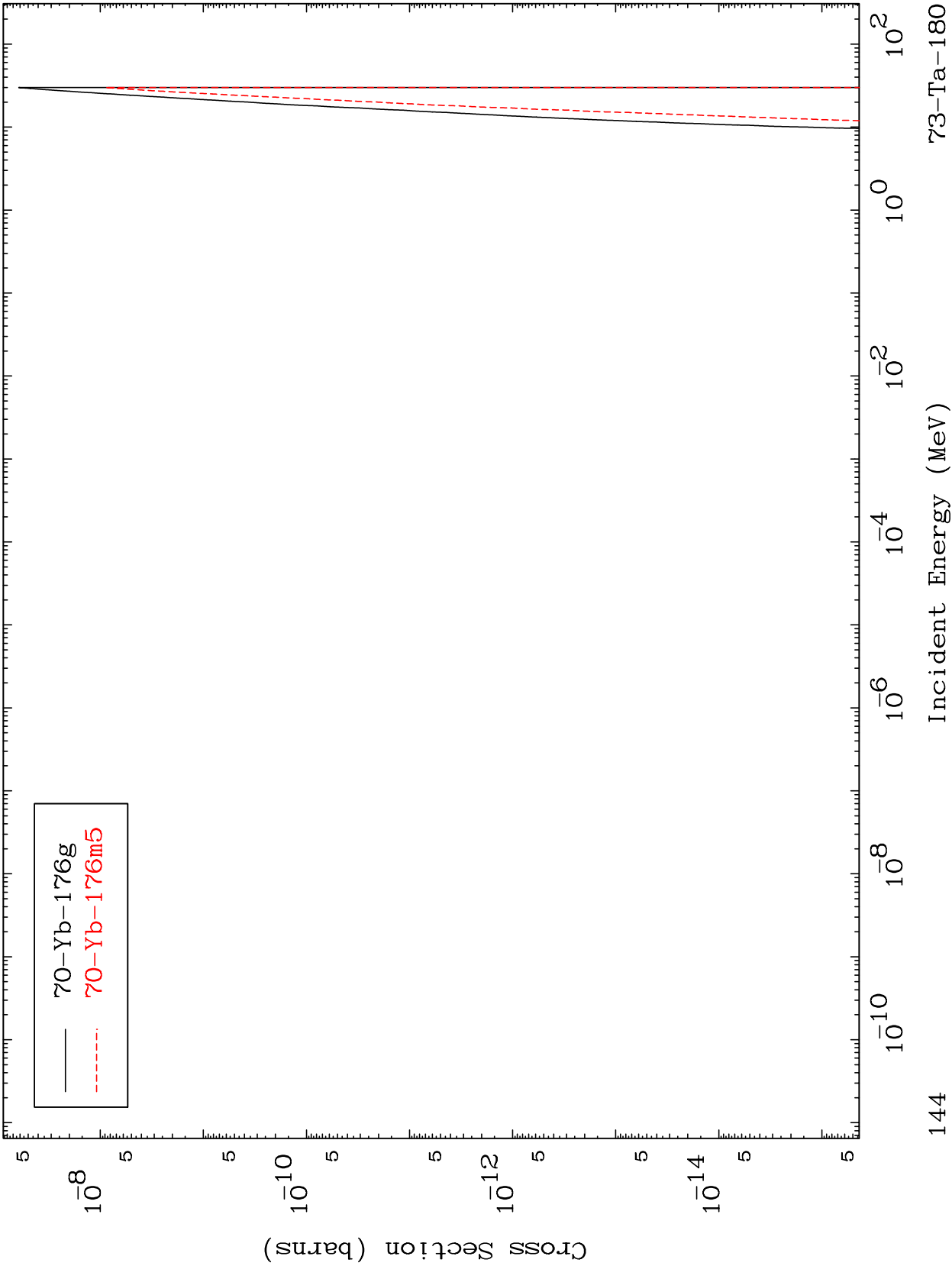


MAT 7325

(n,p) α

$^{73}\text{Ta-180}$

Radionuclide Production Cross Section

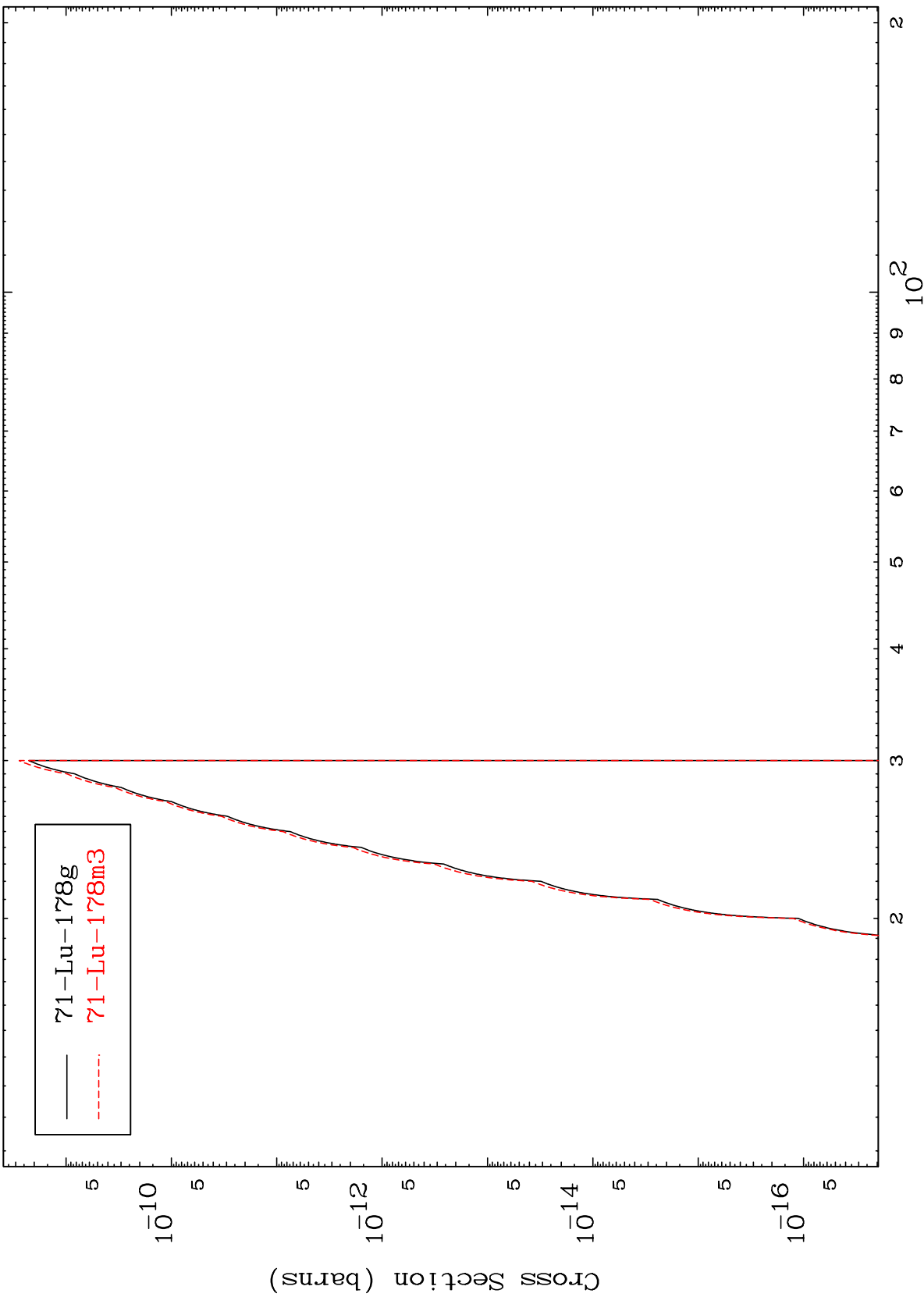


MAT 7325

(n,p) d

⁷³Ta-180

Radionuclide Production Cross Section



145

Incident Energy (MeV)

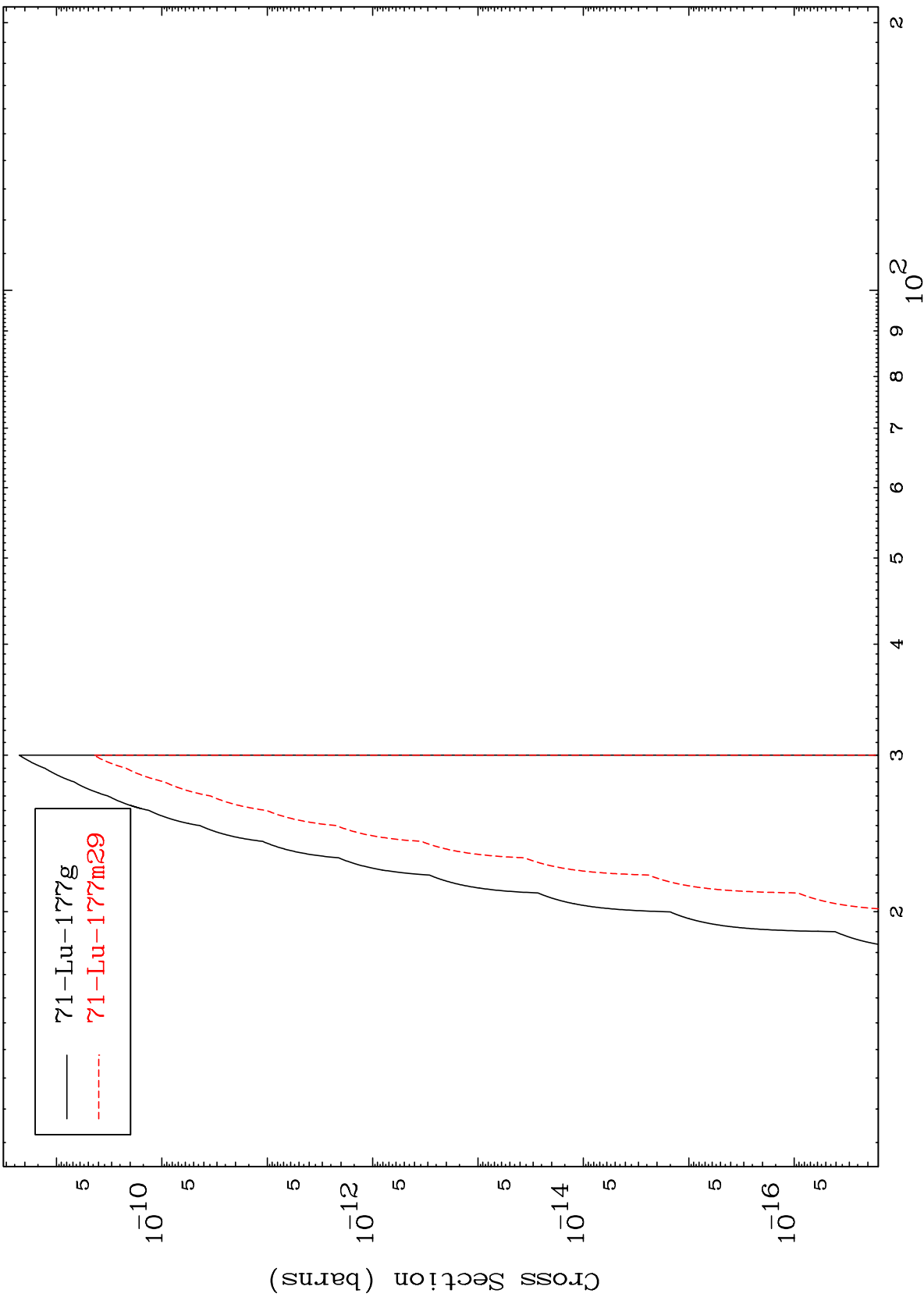
⁷³Ta-180

MAT 7325

(n,p) t

⁷³Ta-180

Radionuclide Production Cross Section



146

Incident Energy (MeV)

⁷³Ta-180