

Program EVALPLOT
(Version 2017-1)

by

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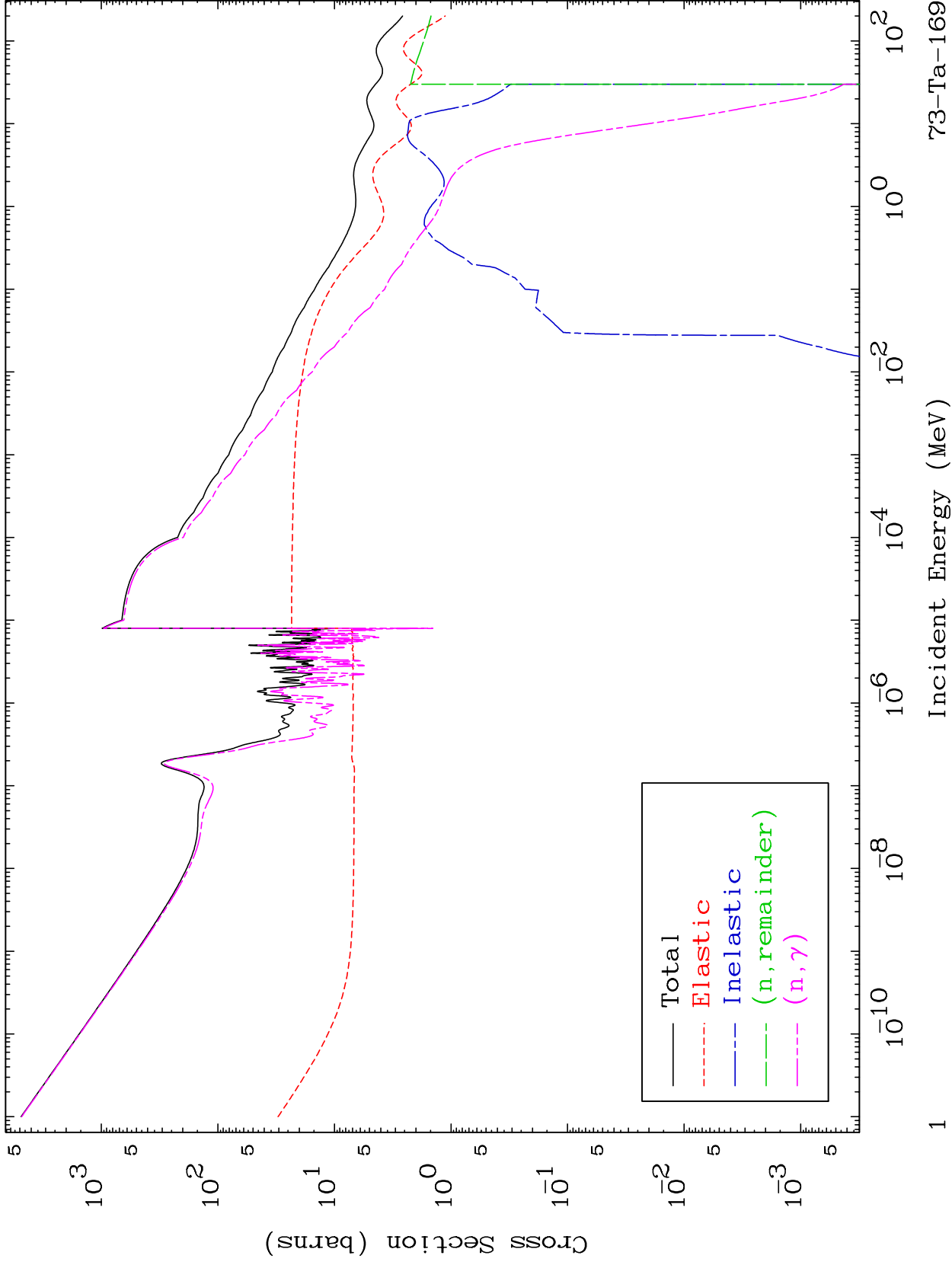
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7292

Major
293 Kelvin Cross Sections

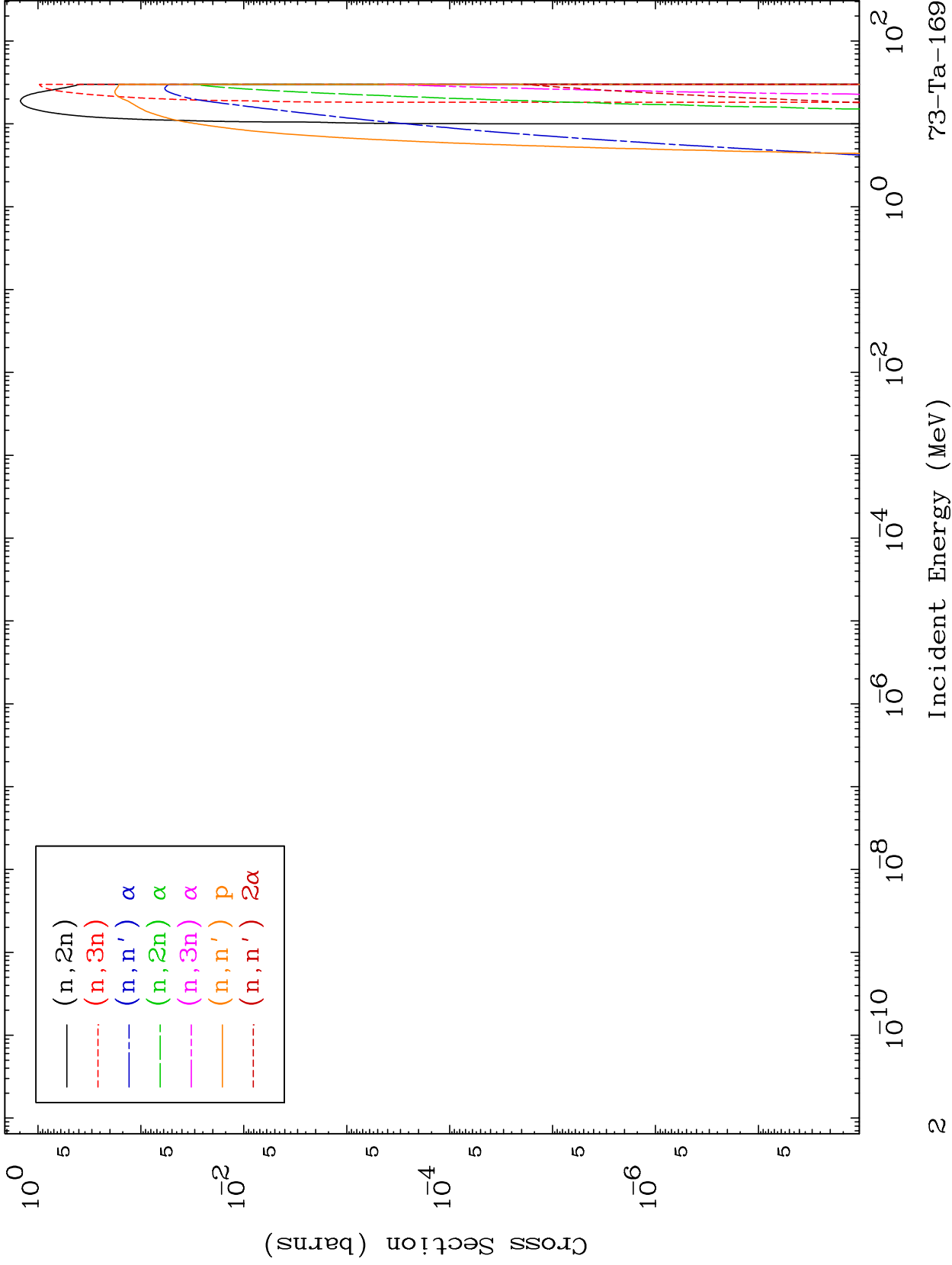
73-Ta-169

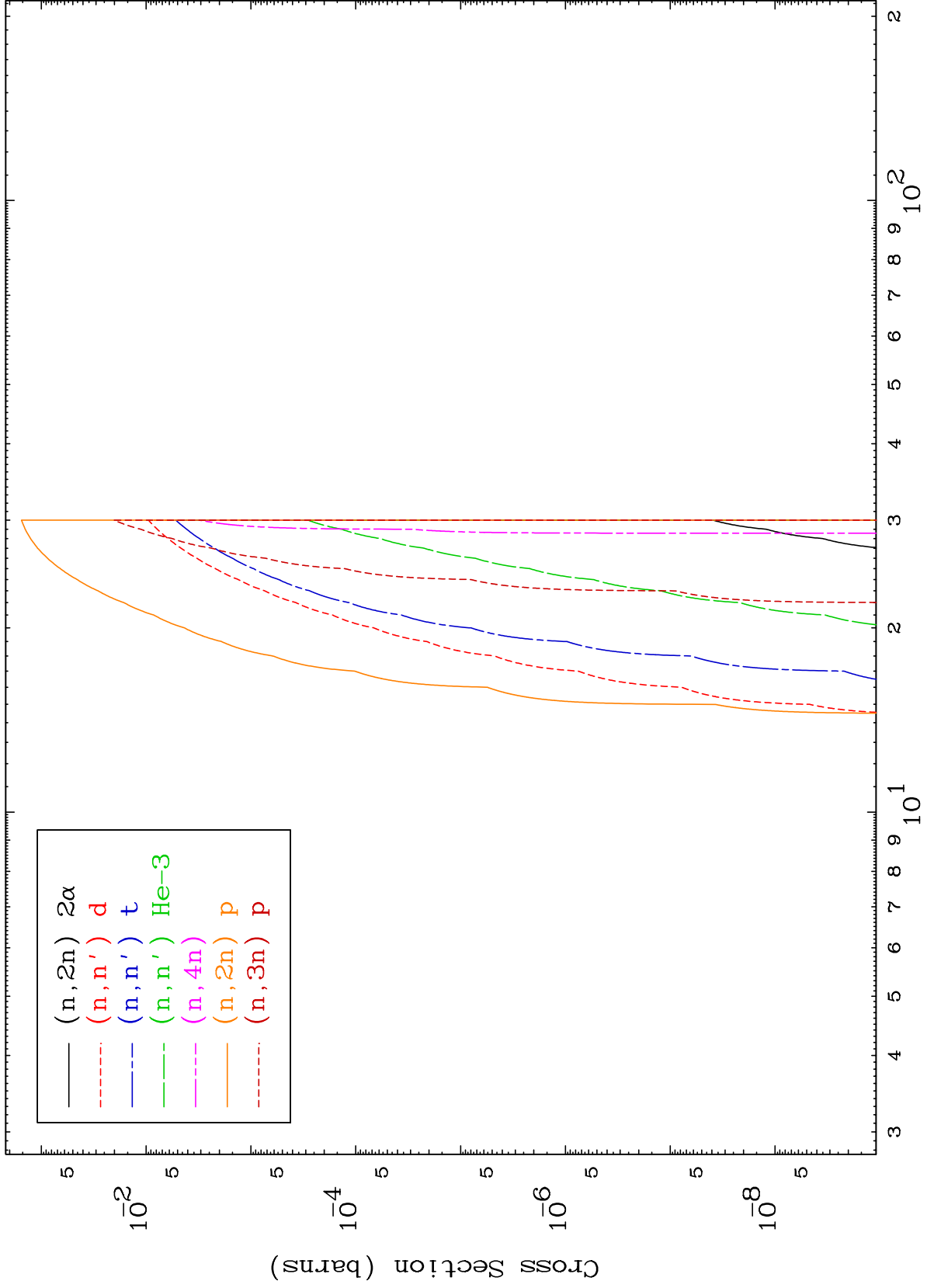


MAT 7292

Neutron Production
293 Kelvin Cross Sections

73-Ta-169

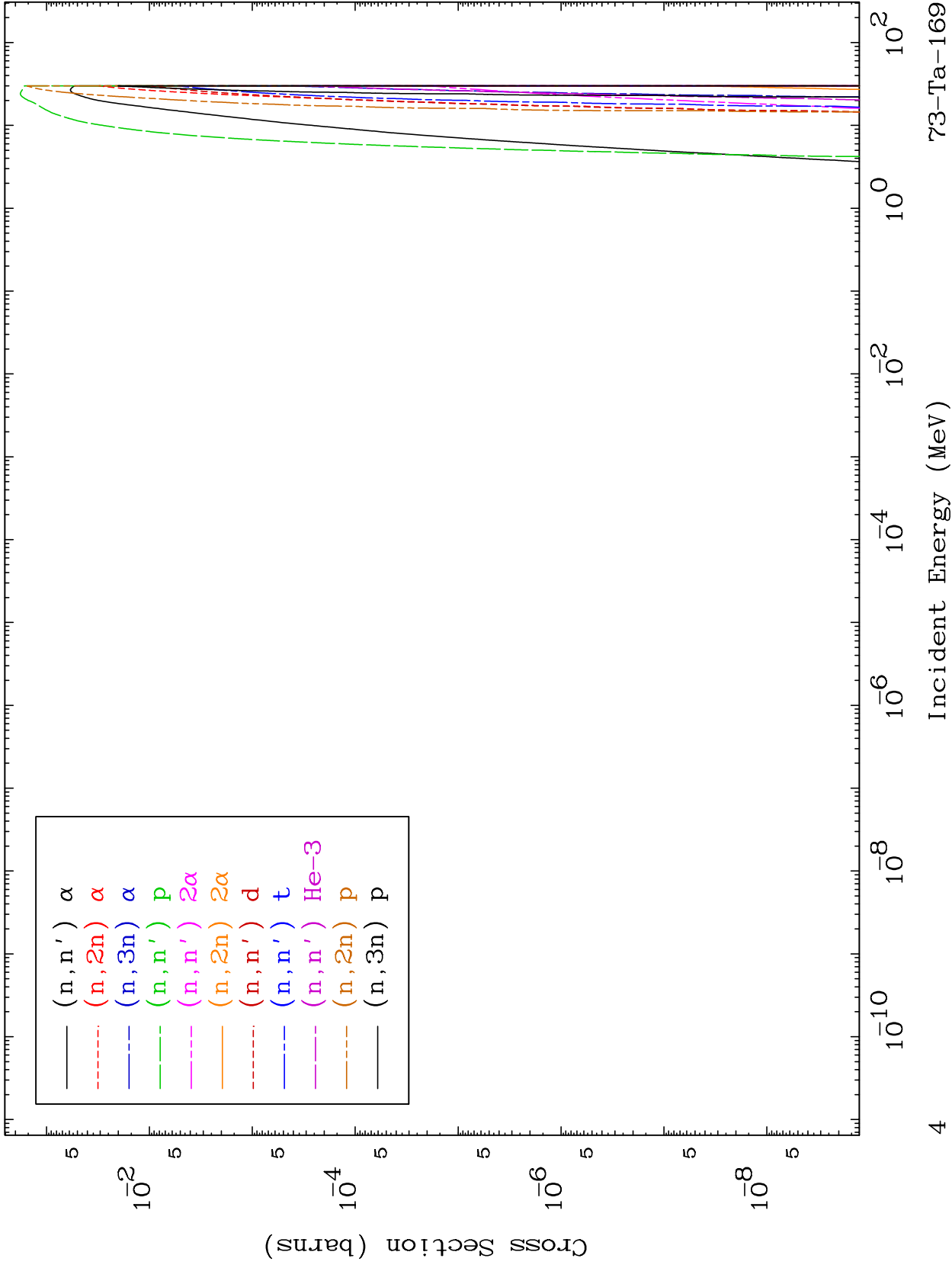


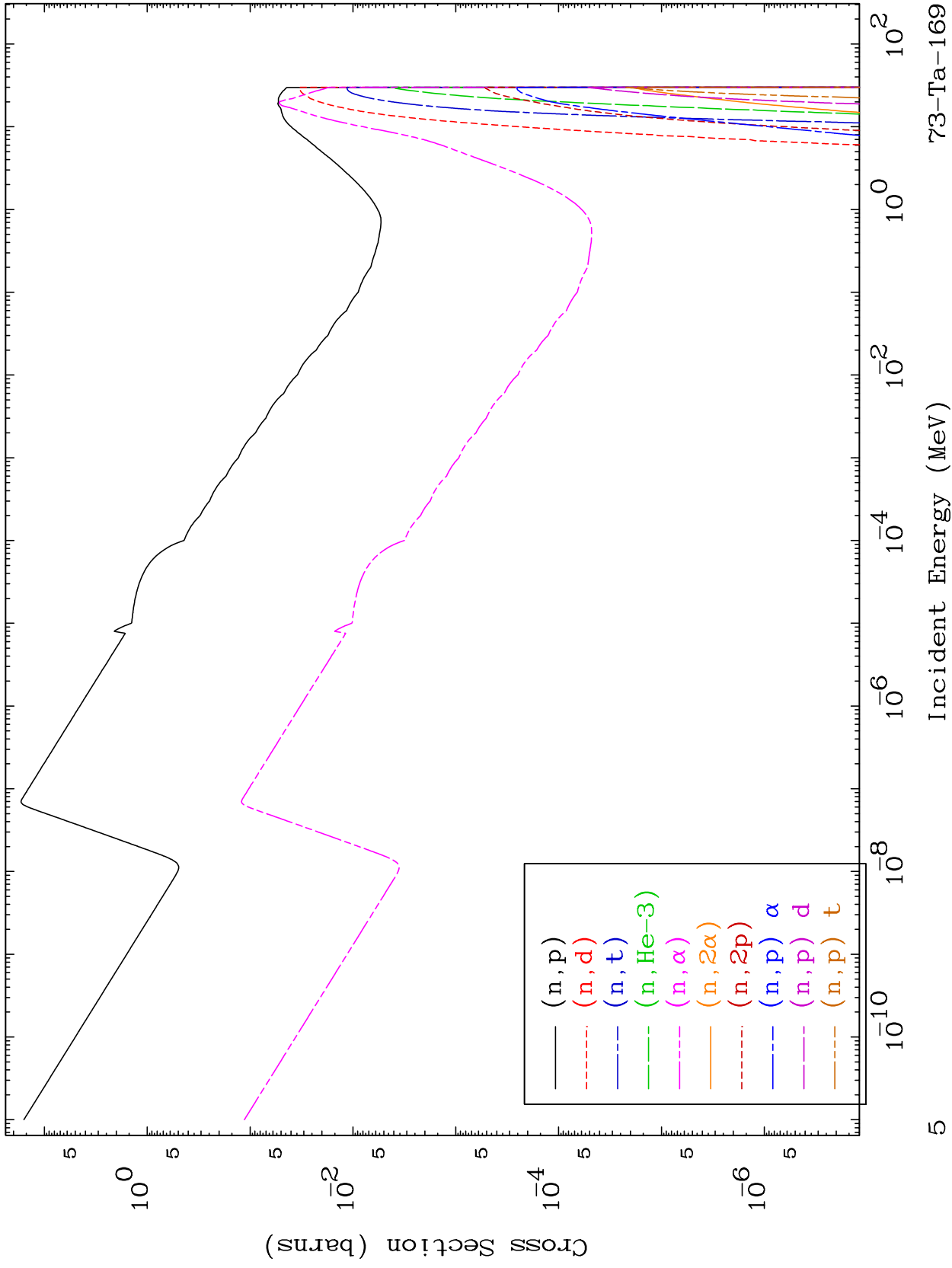


MAT 7292

Charged Particle
293 Kelvin Cross Sections

73-Ta-169

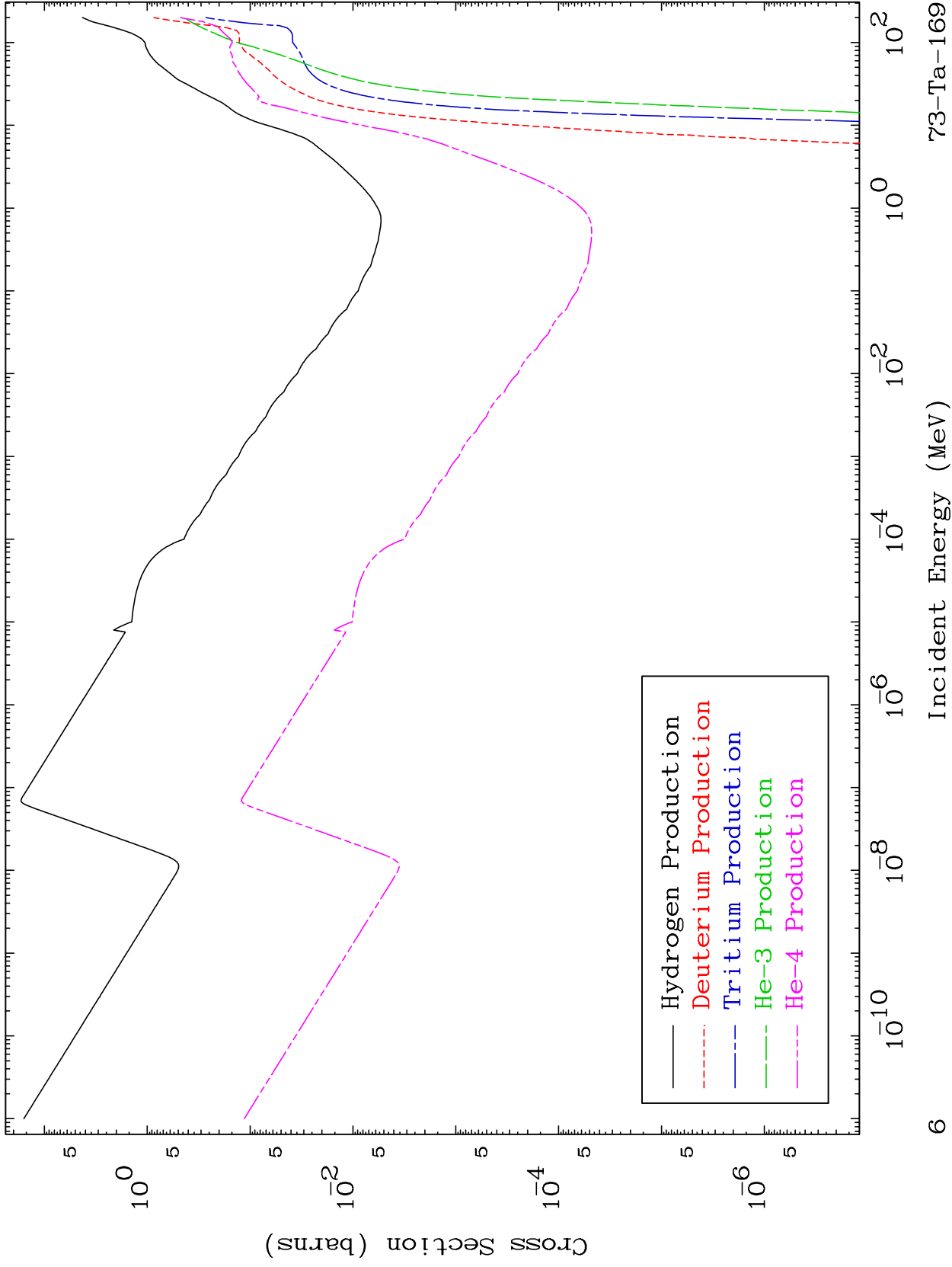




MAT 7292

Particle Production
293 Kelvin Cross Sections

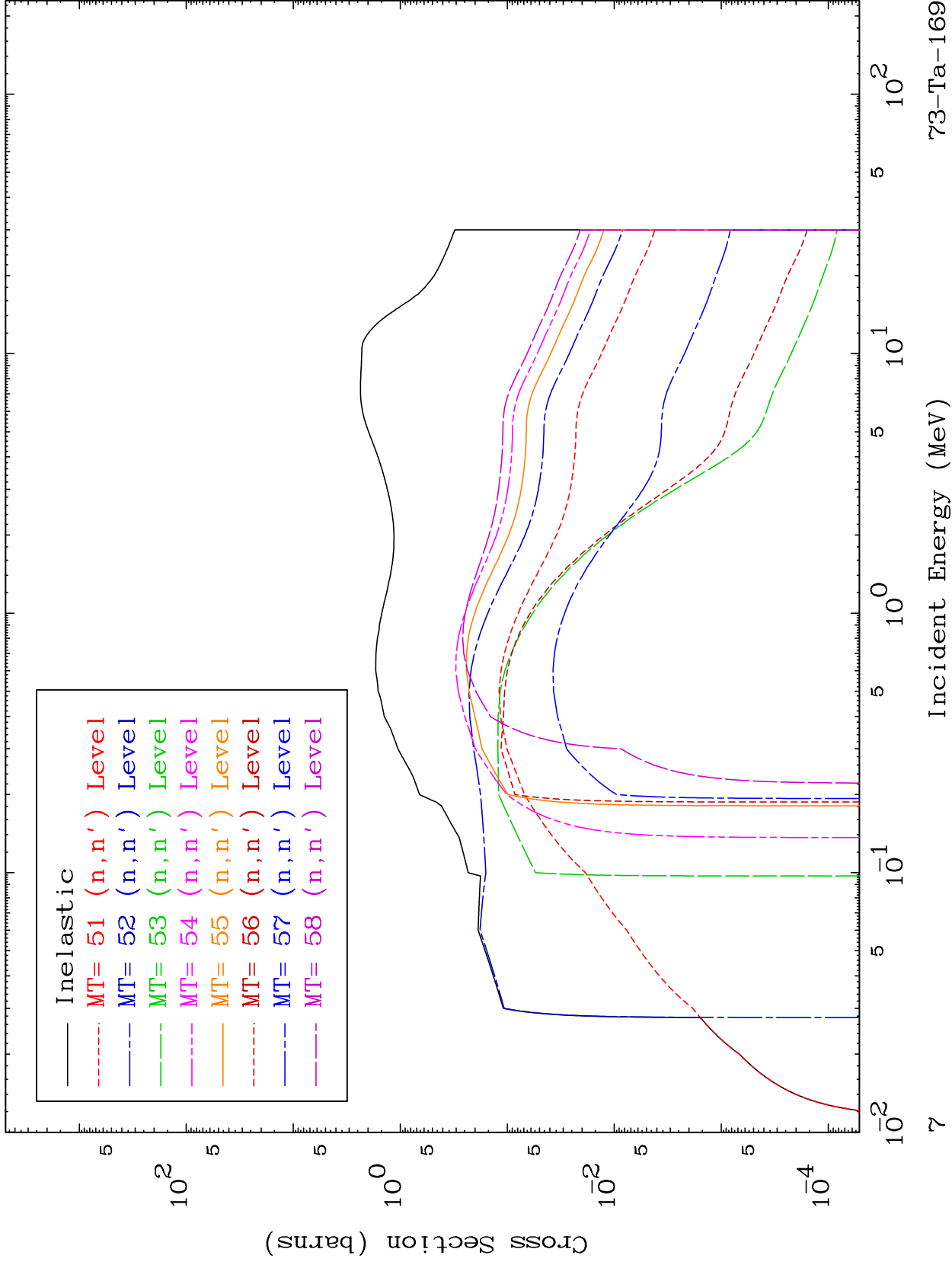
73-Ta-169



MAT 7292

(n,n') Level
293 Kelvin Cross Sections

73-Ta-169



73-Ta-169

Incident Energy (MeV)

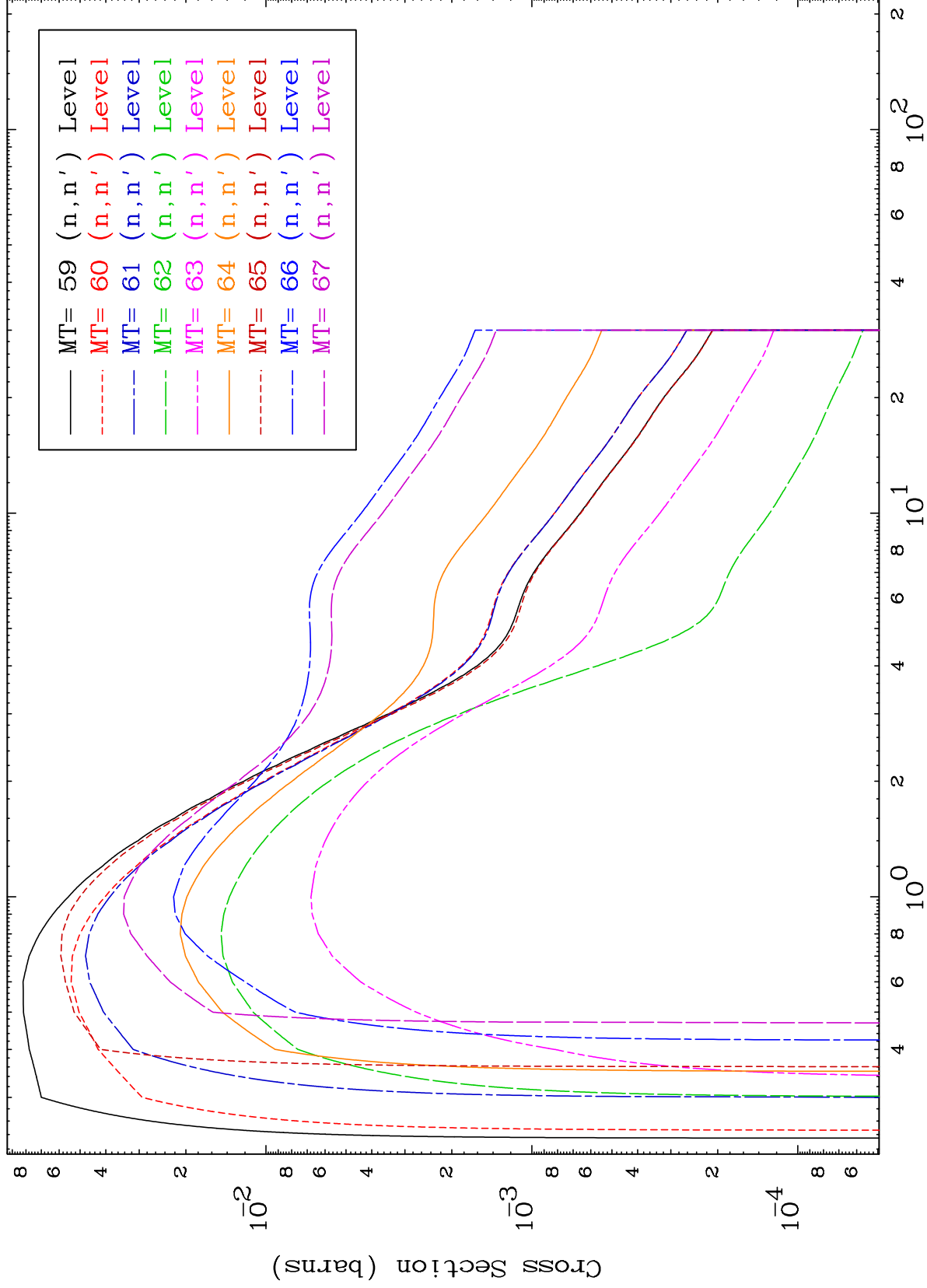
7

MAT 7292

(n,n') Level

73-Ta-169

293 Kelvin Cross Sections

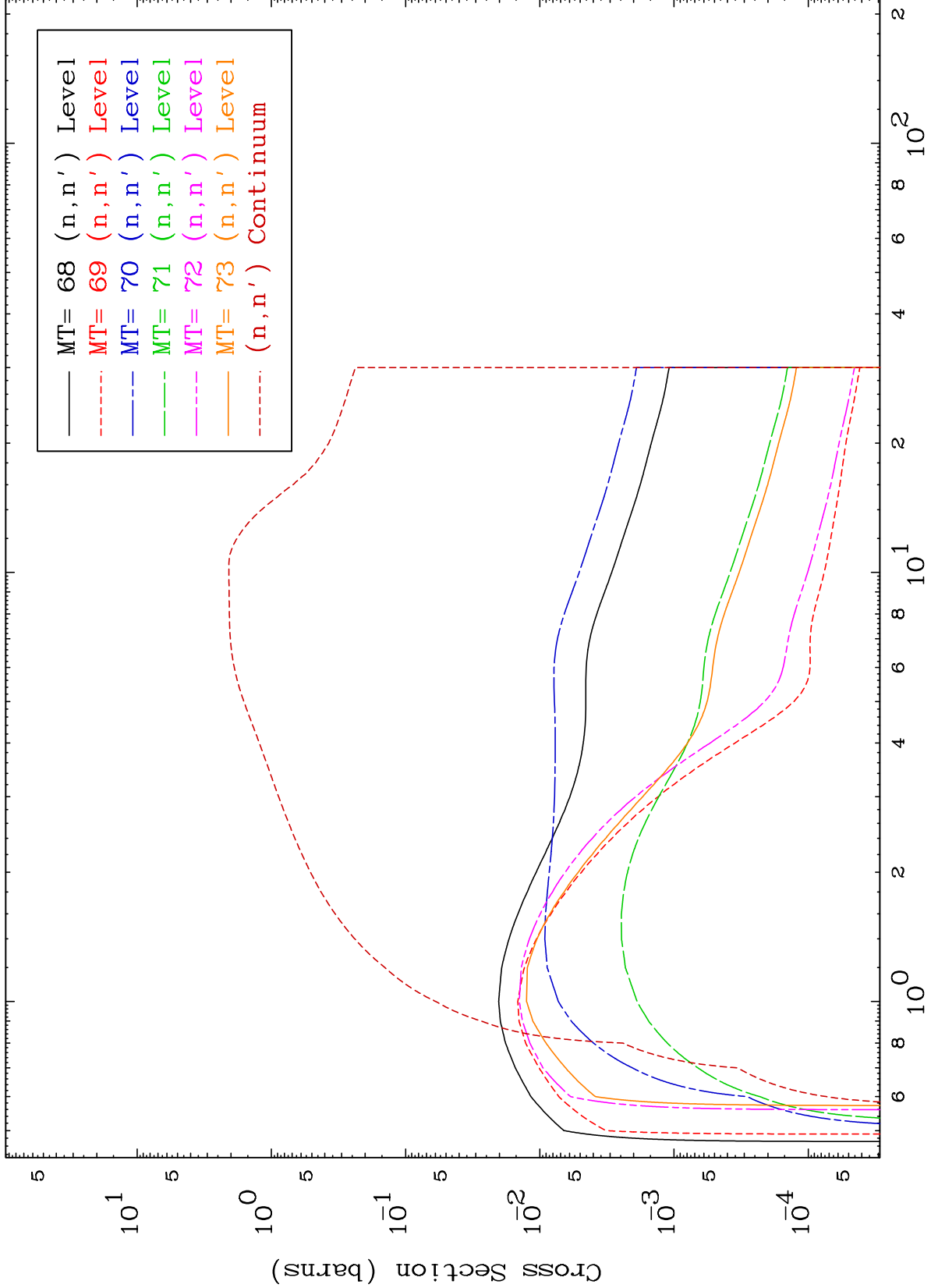


8

Incident Energy (MeV)

73-Ta-169

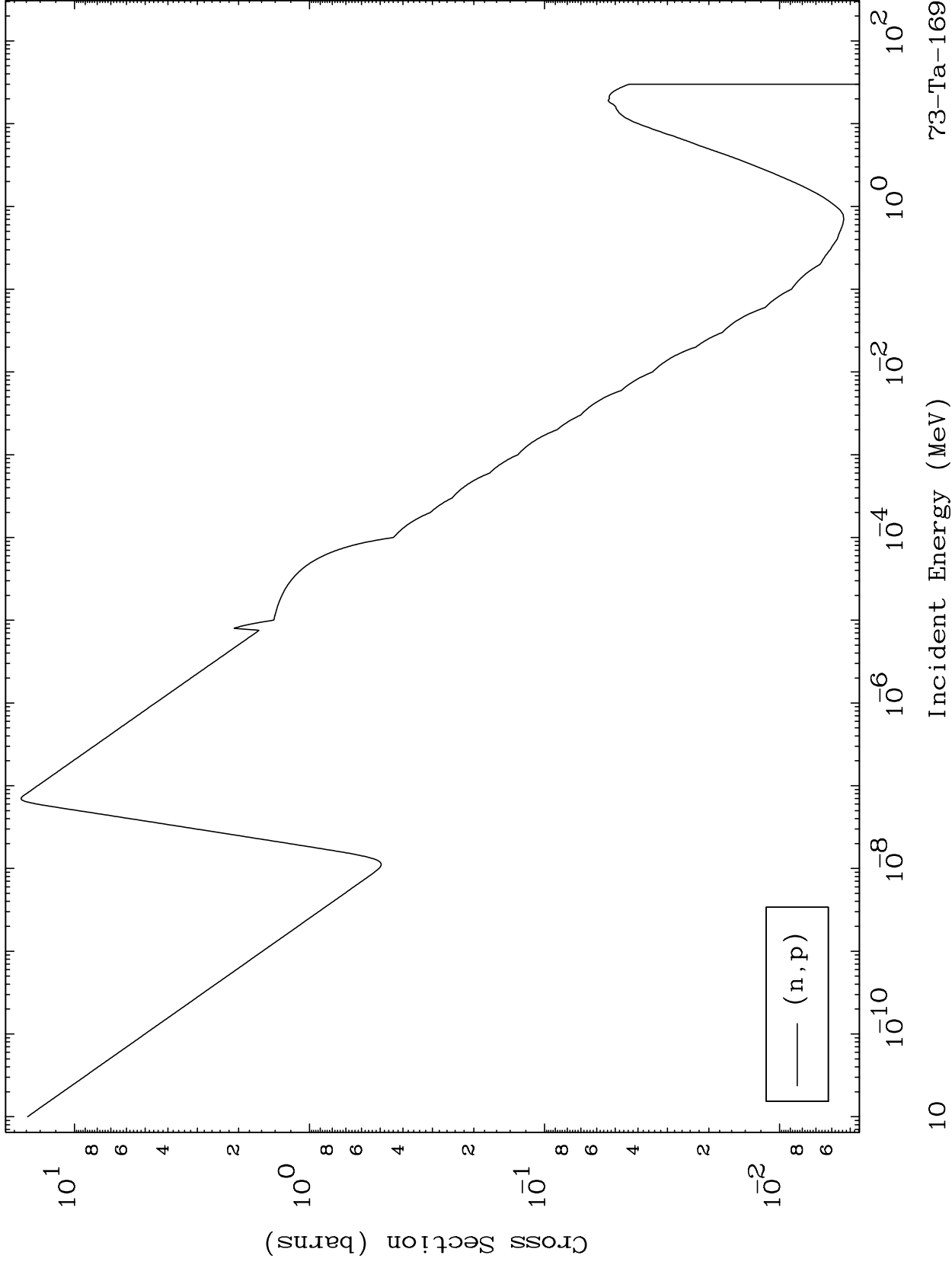
293 Kelvin Cross Sections



MAT 7292

(n,p) Levels
293 Kelvin Cross Sections

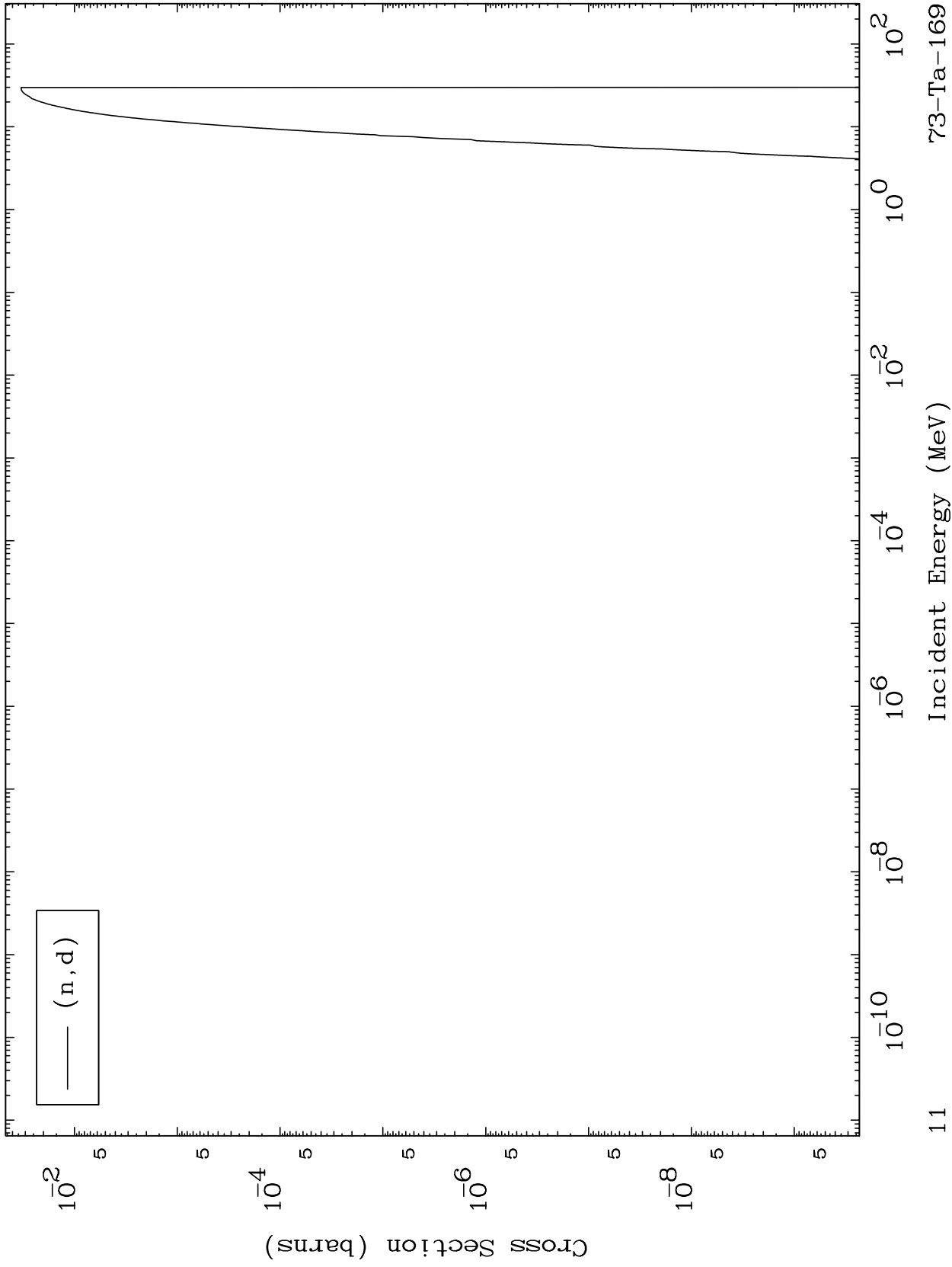
73-Ta-169



MAT 7292

(n,d) Levels
293 Kelvin Cross Sections

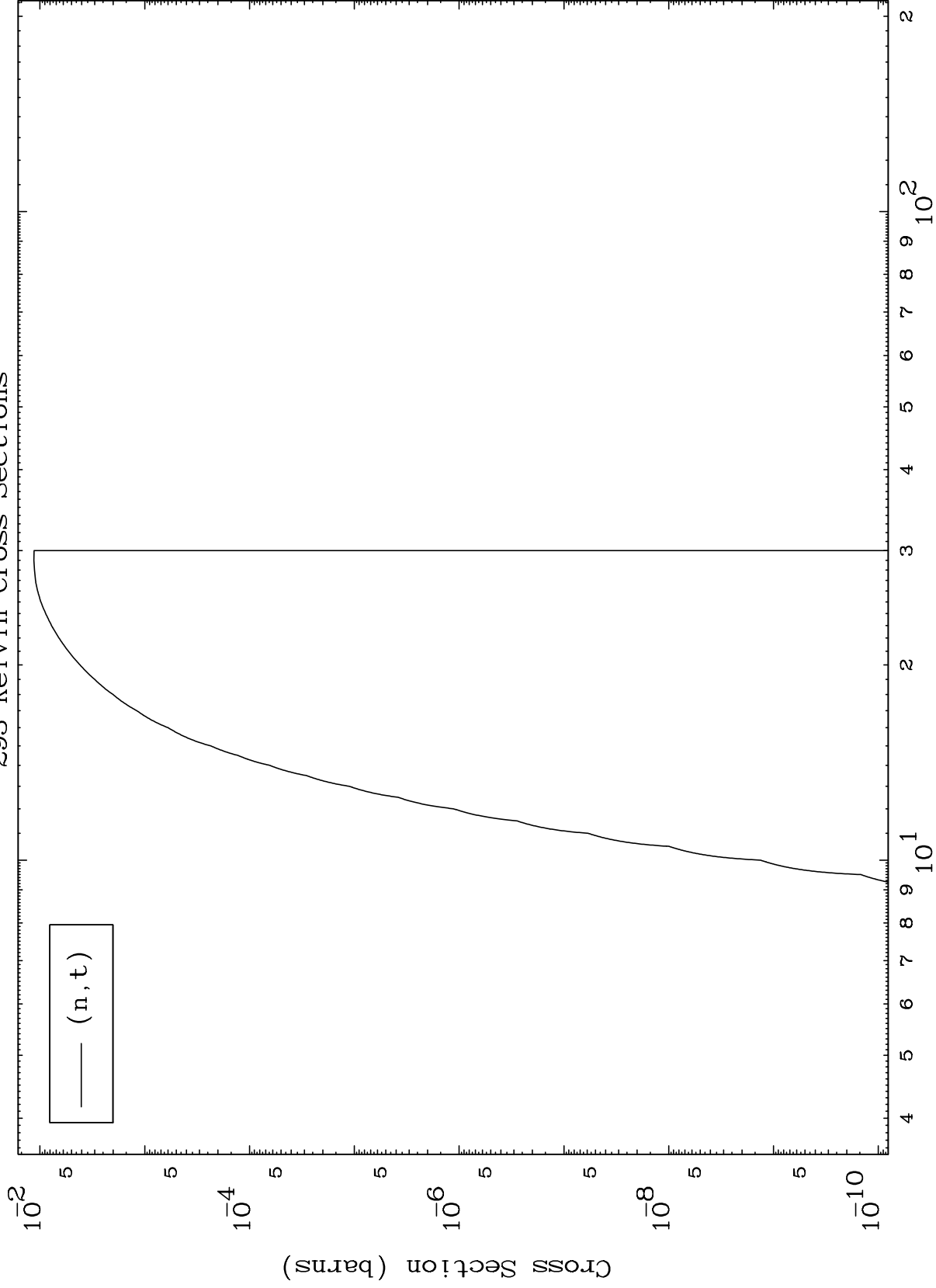
73-Ta-169



MAT 7292

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-169



12

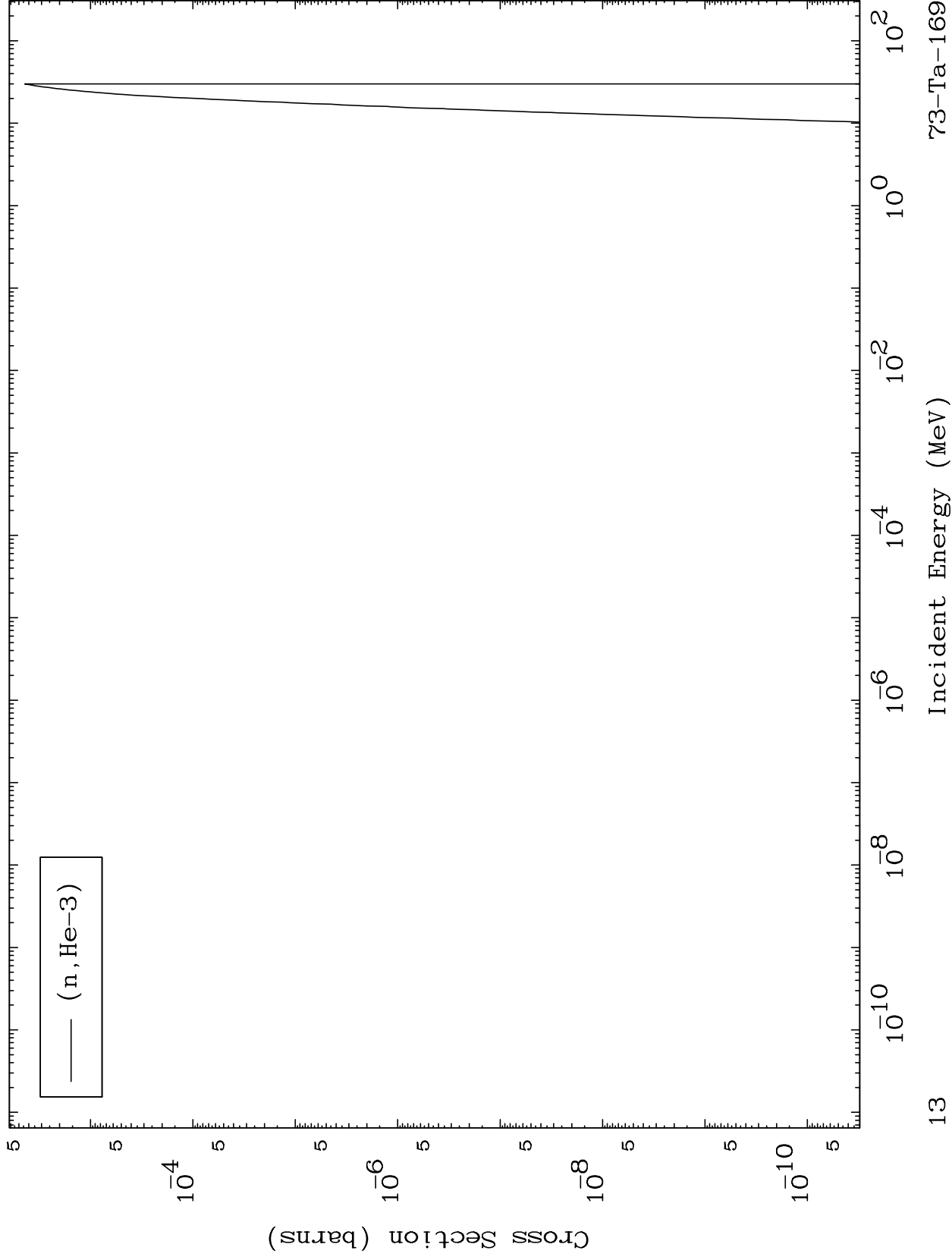
Incident Energy (MeV)

73-Ta-169

MAT 7292

(n,He3) Levels
293 Kelvin Cross Sections

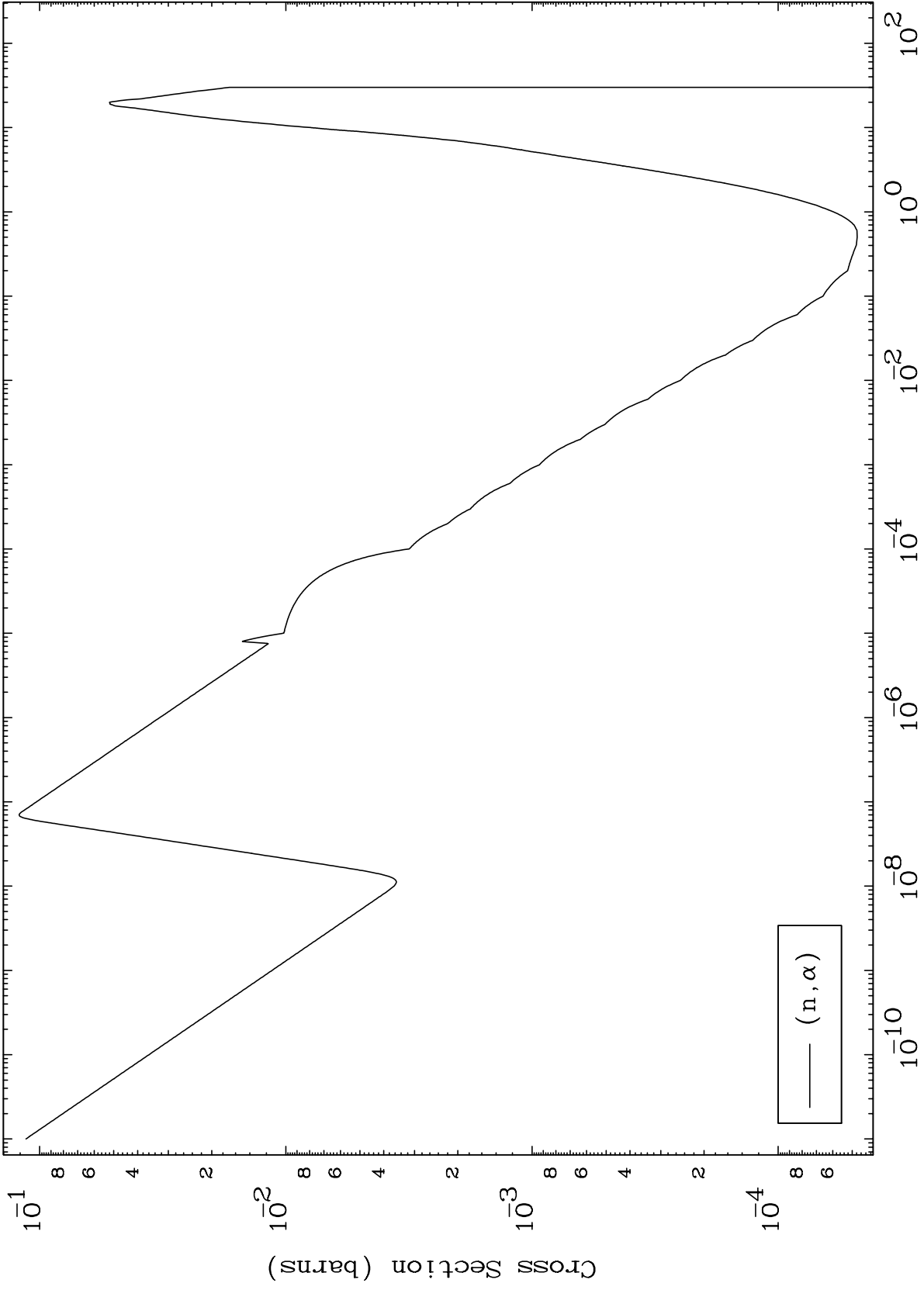
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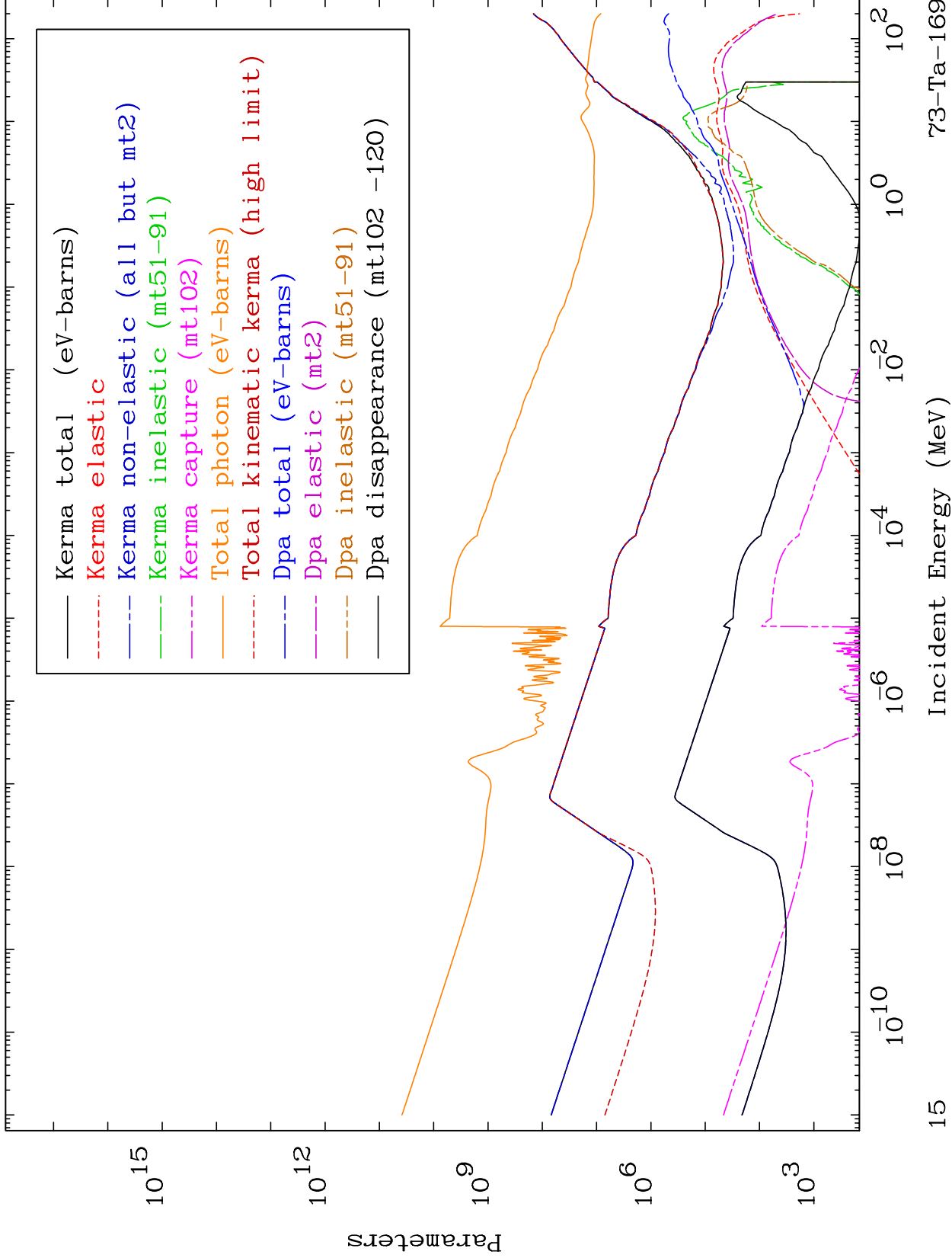


MAT 7292

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-169

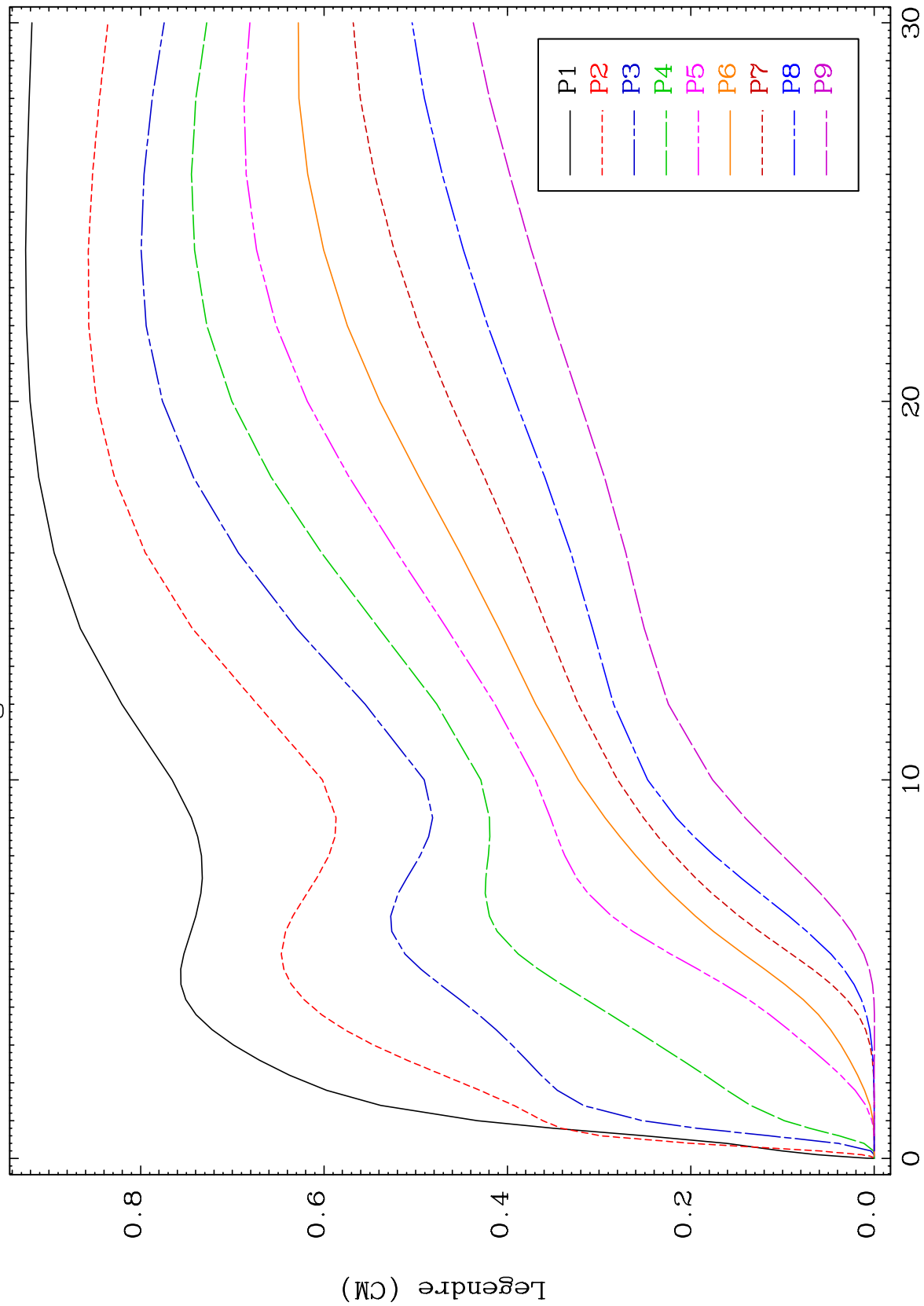




MAT 7292

Elastic Legendre Coefficients

⁷³Ta-169



16

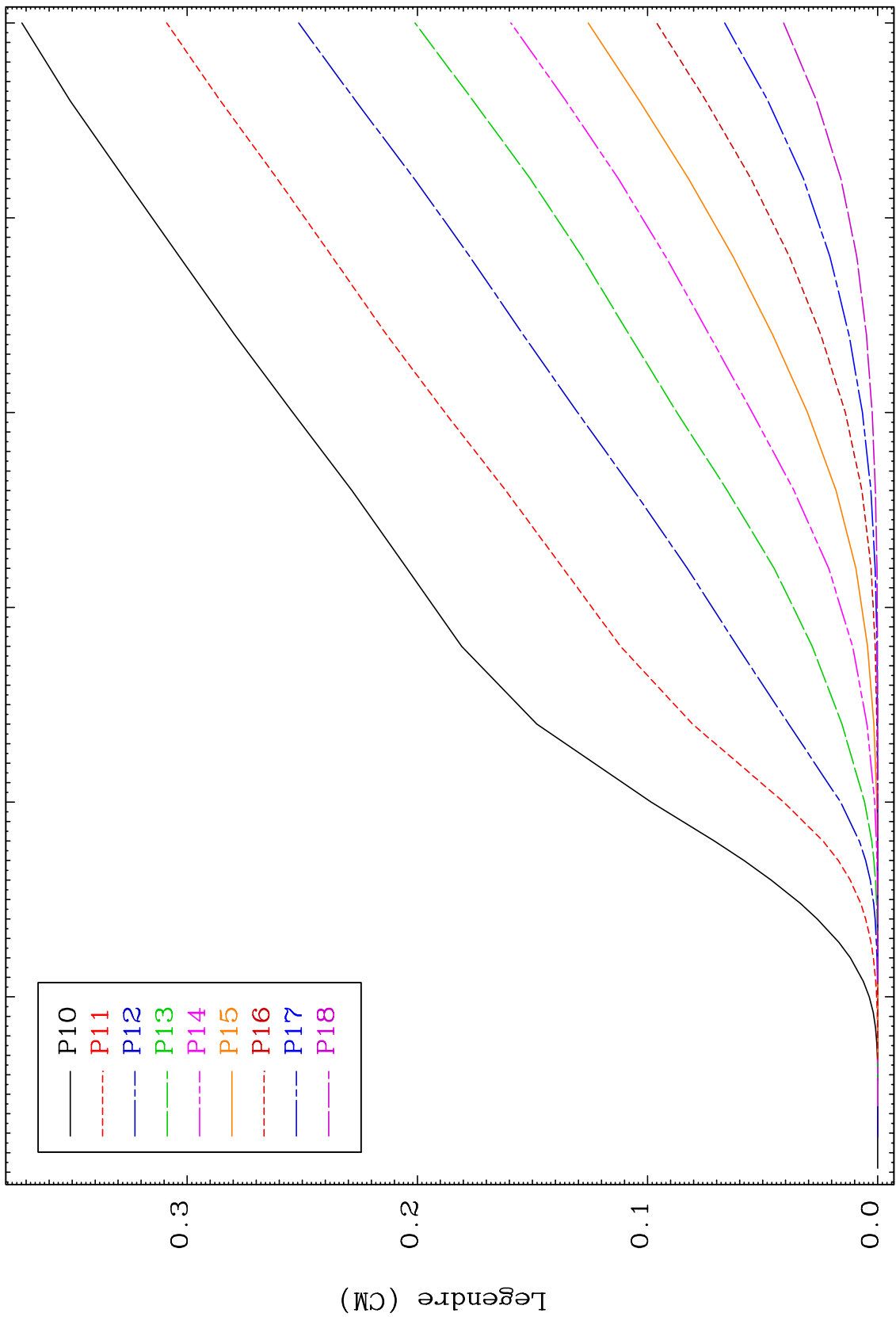
Incident Energy (MeV)

⁷³Ta-169

MAT 7292

Elastic Legendre Coefficients

⁷³Ta-169



17

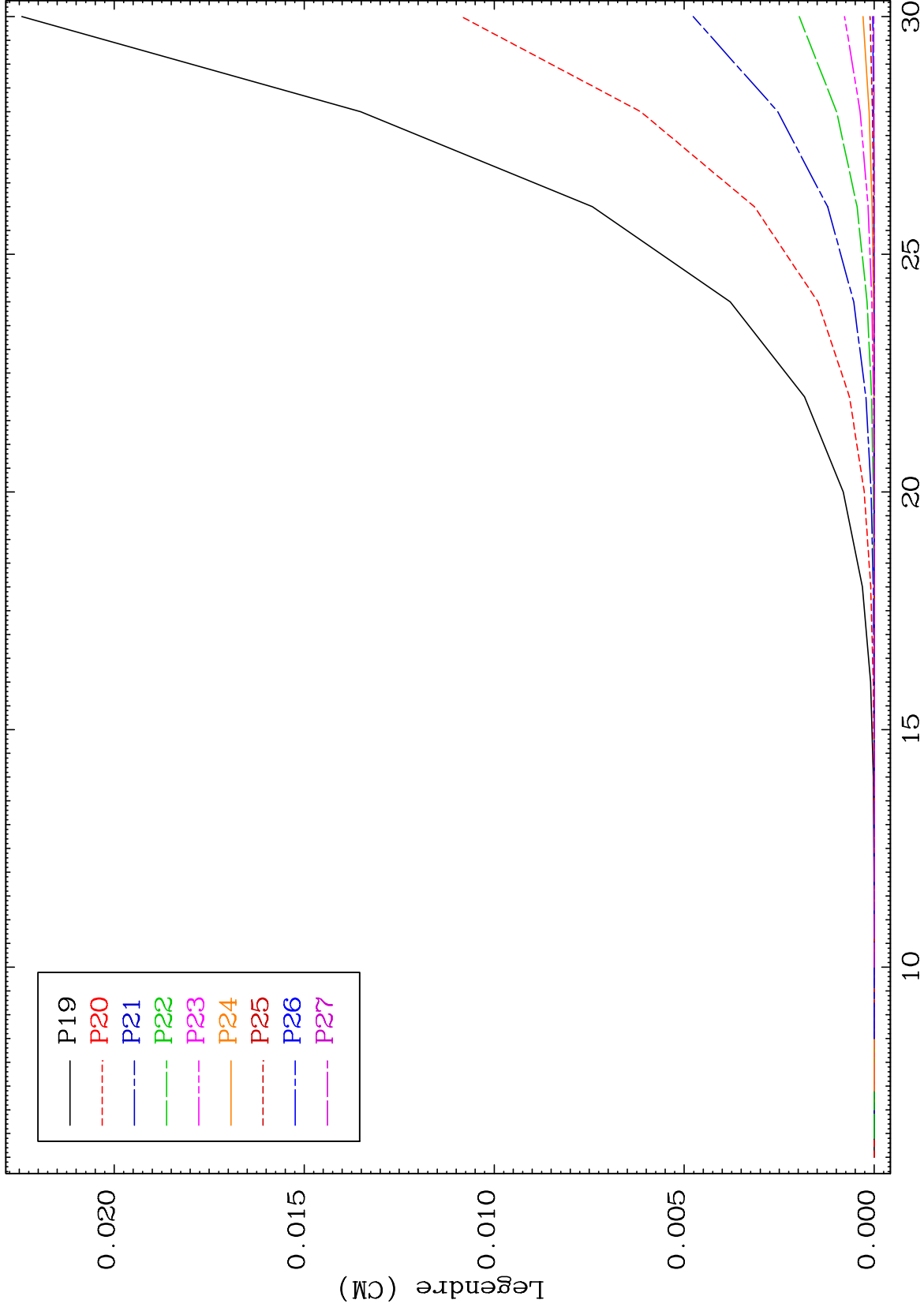
⁷³Ta-169

Incident Energy (MeV)

MAT 7292

Elastic
Legendre Coefficients

73-Ta-169



18

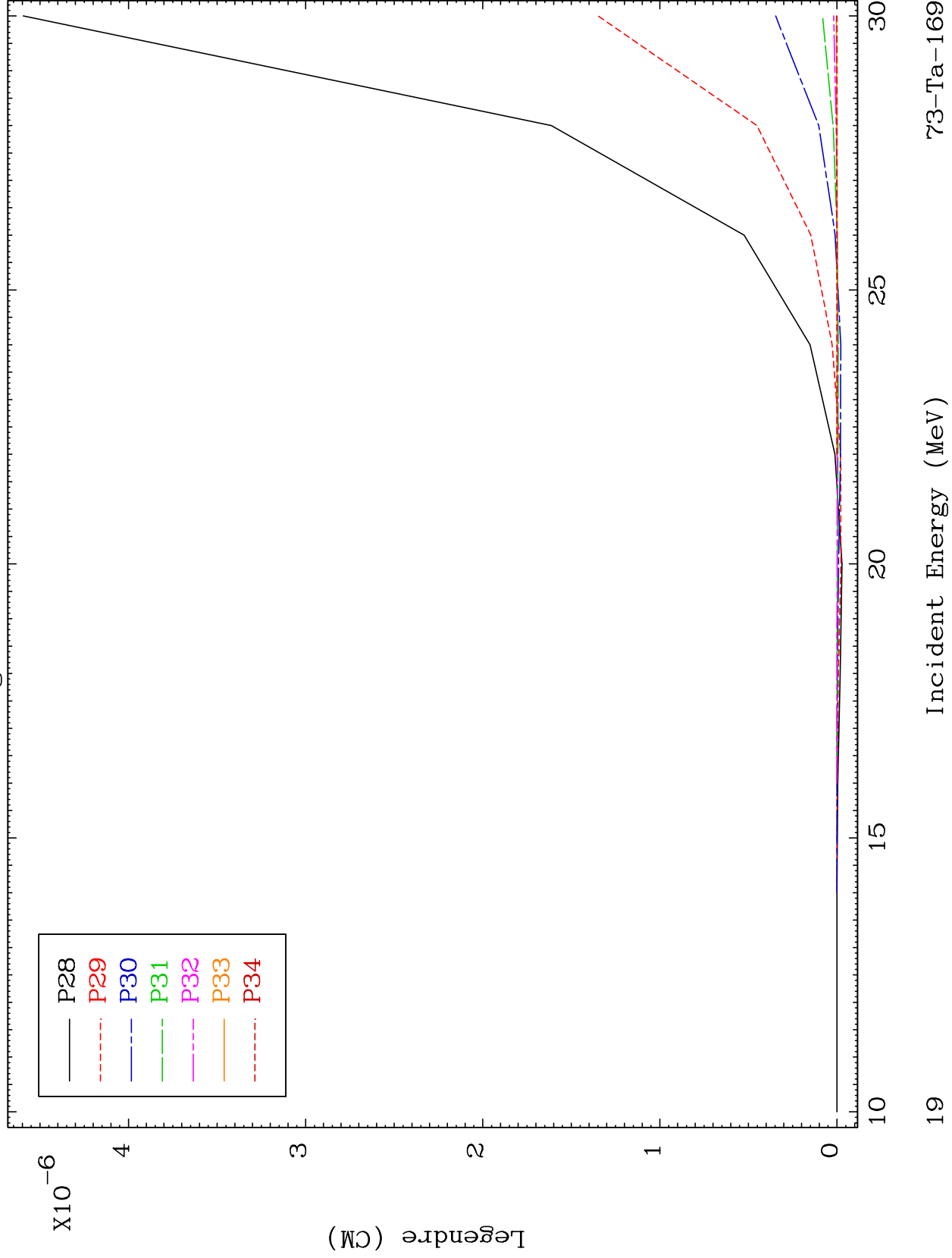
Incident Energy (MeV)

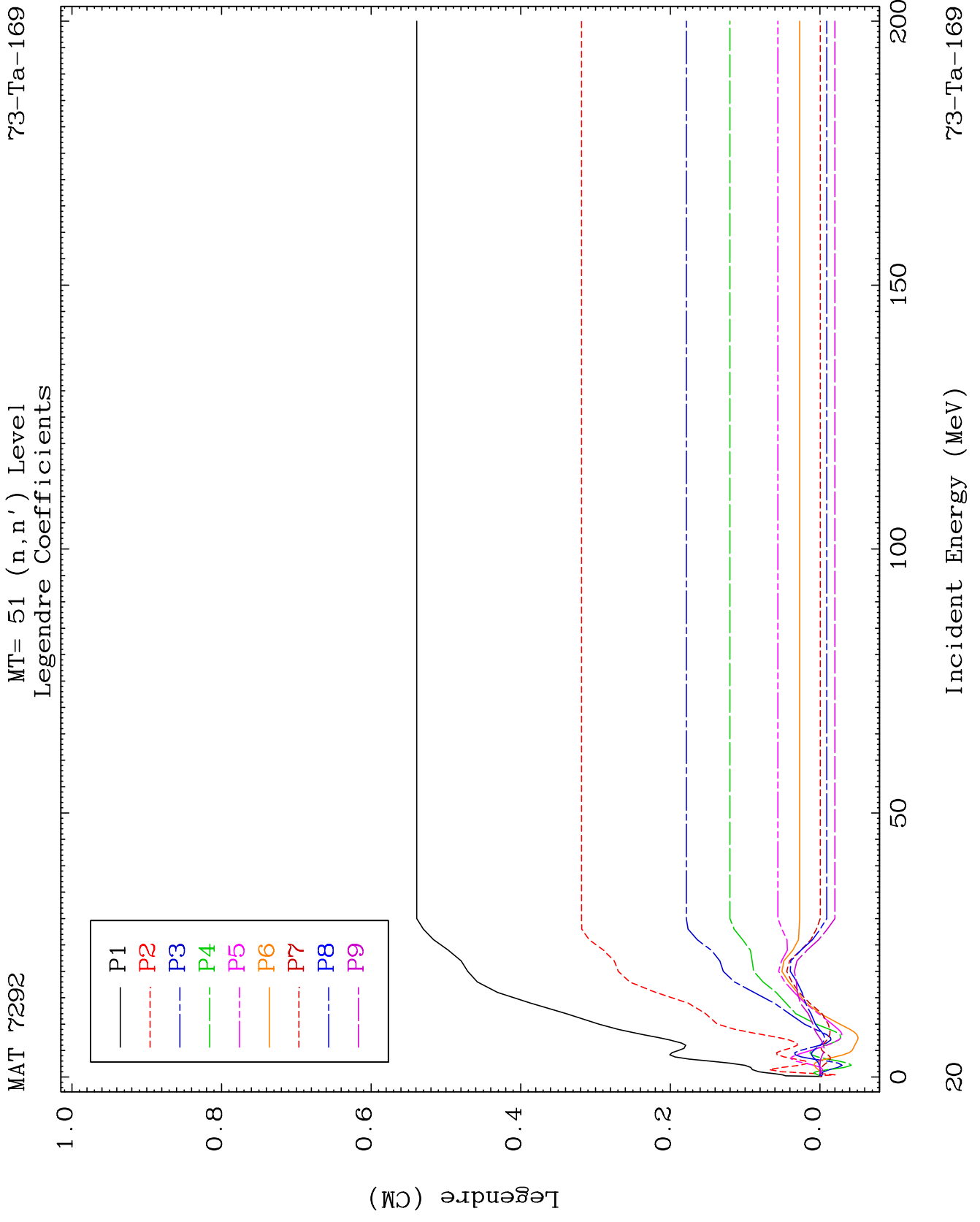
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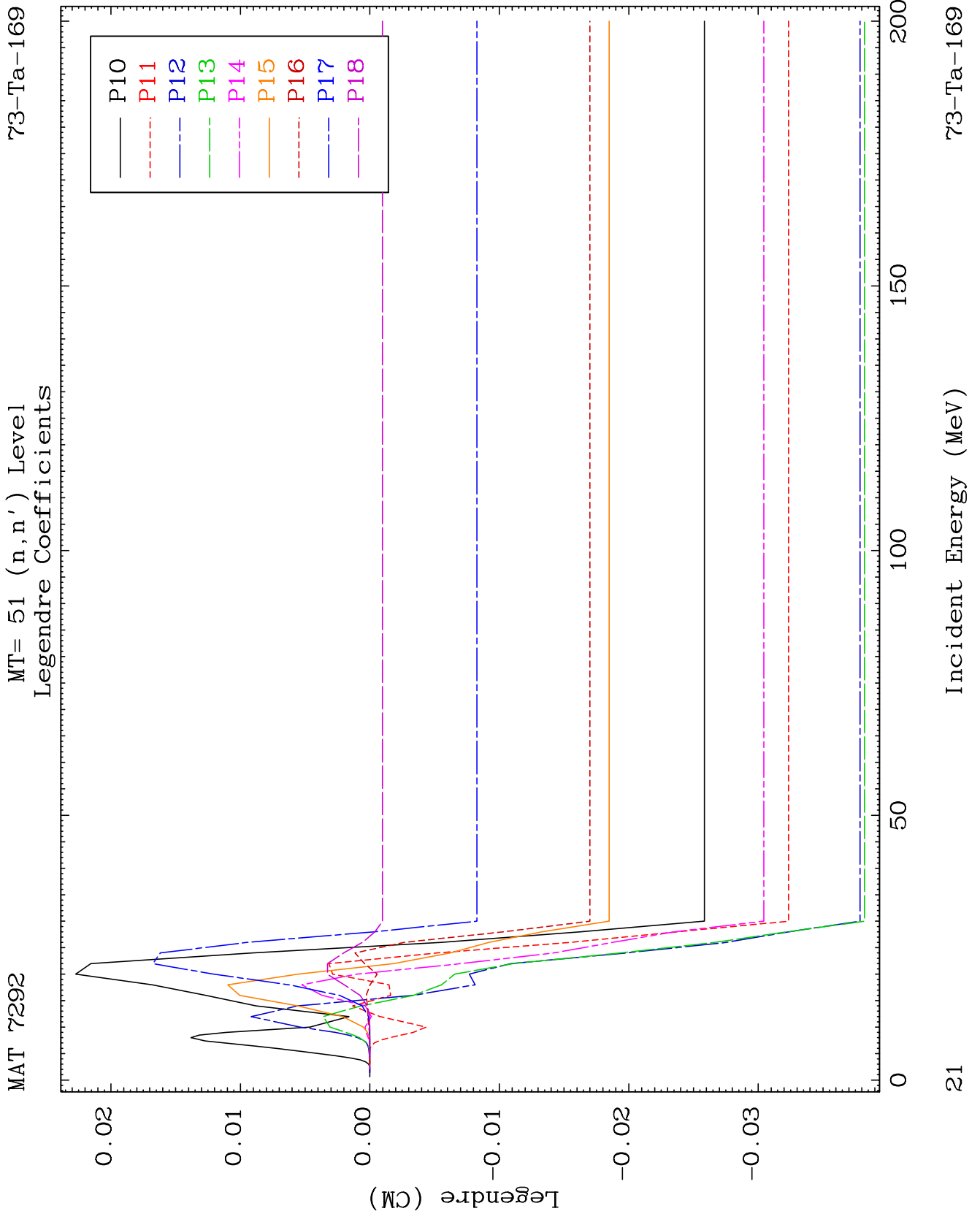
MAT 7292

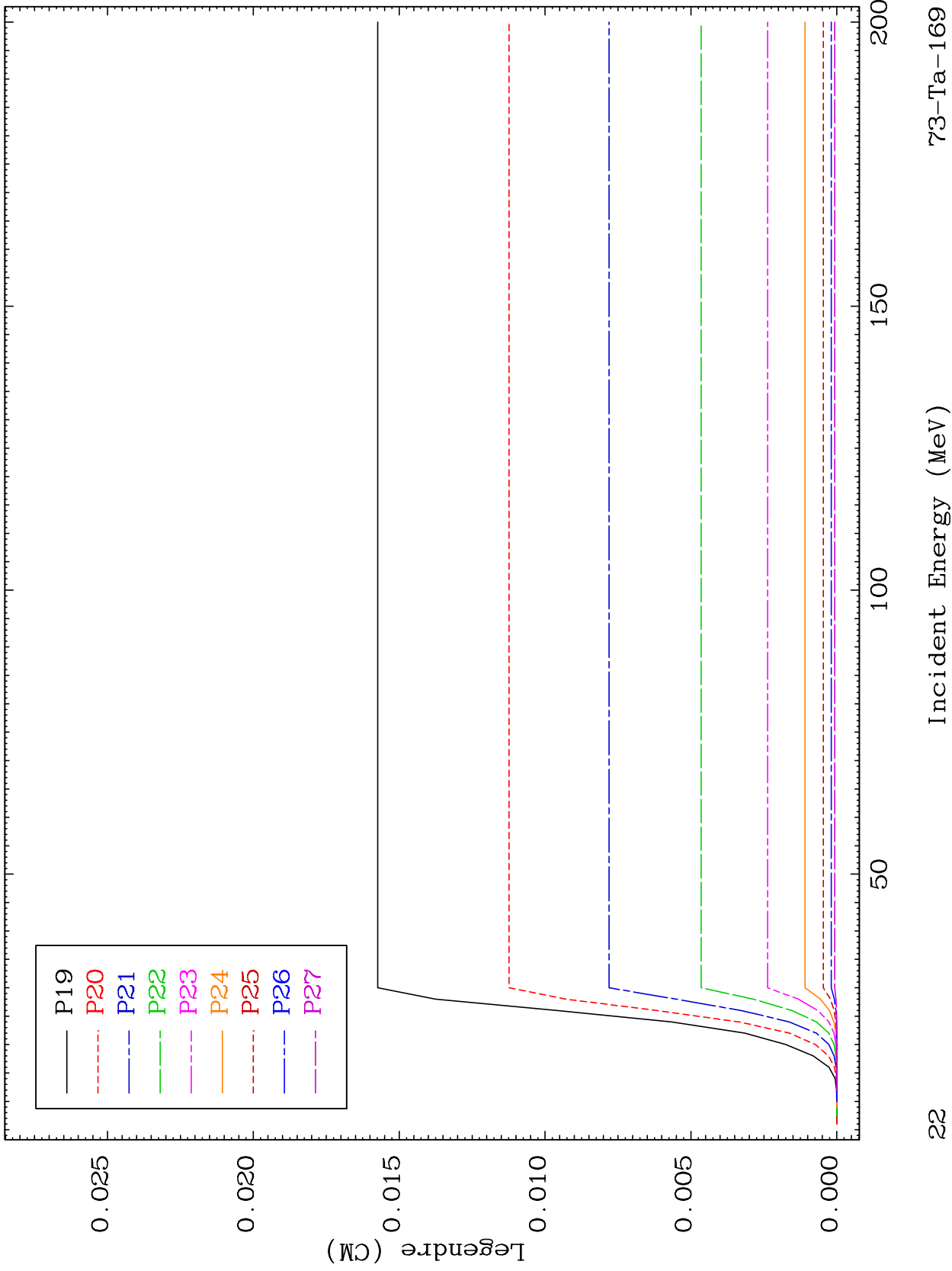
Elastic Legendre Coefficients

⁷³Ta-169





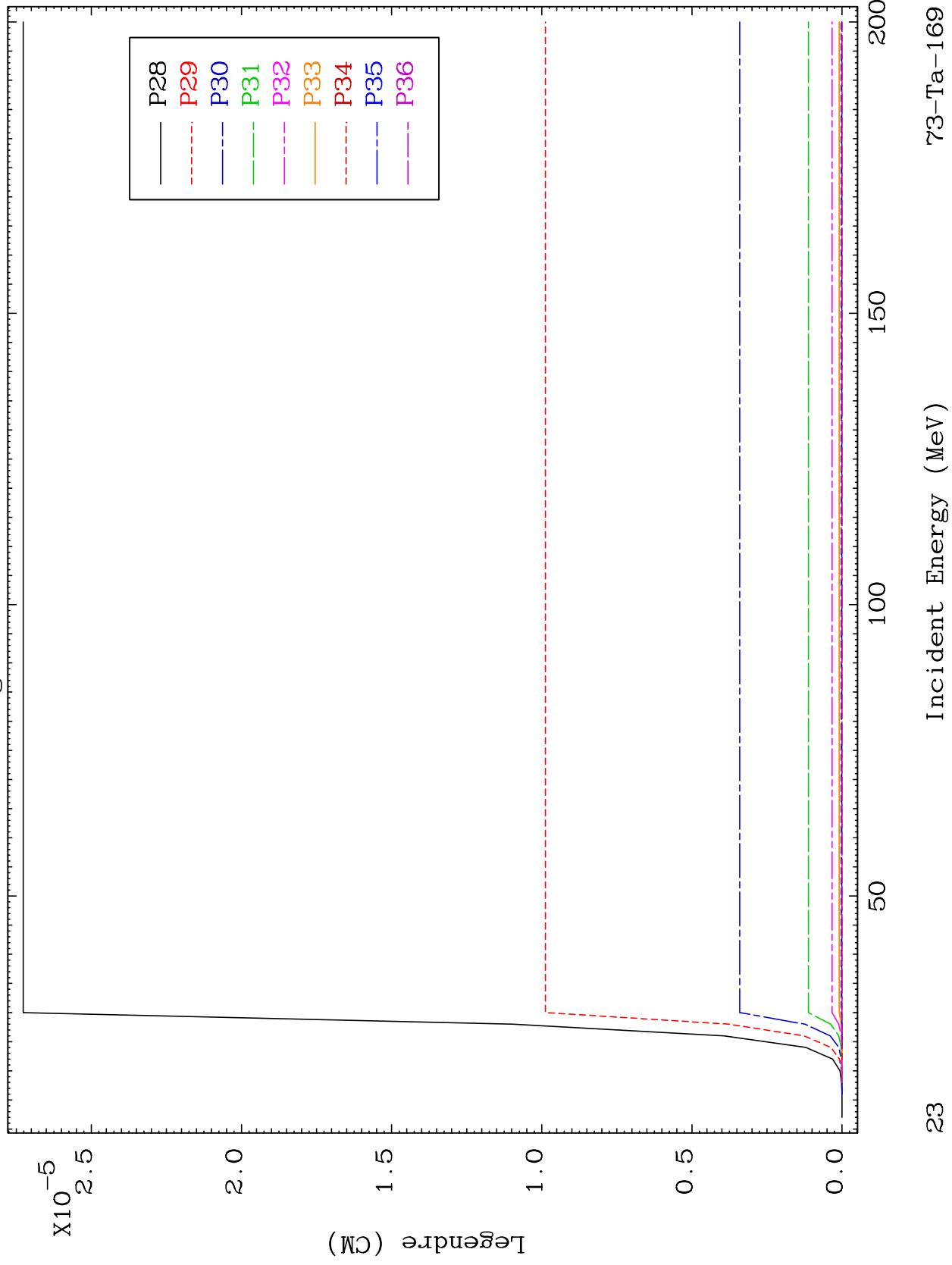




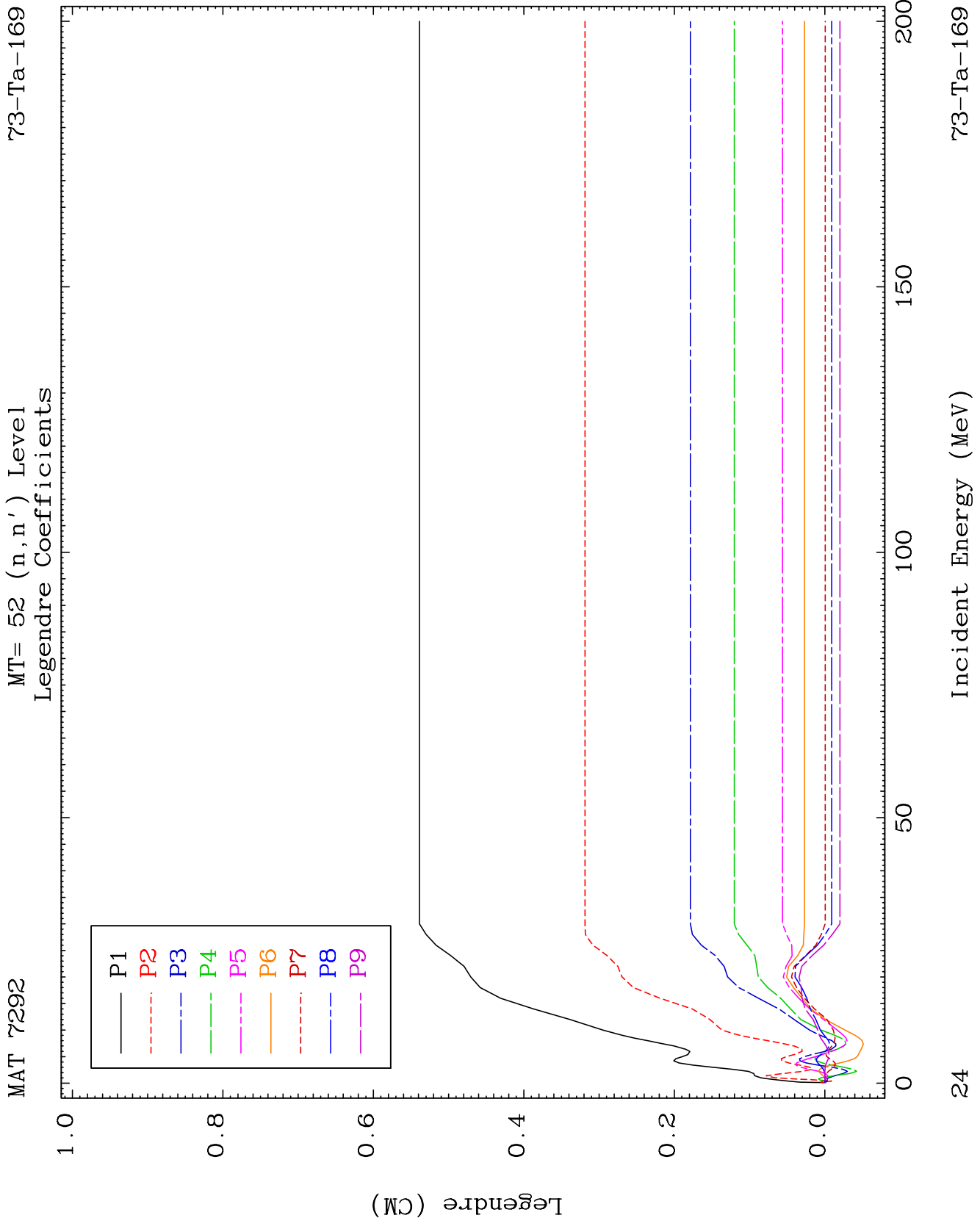
MAT 7292

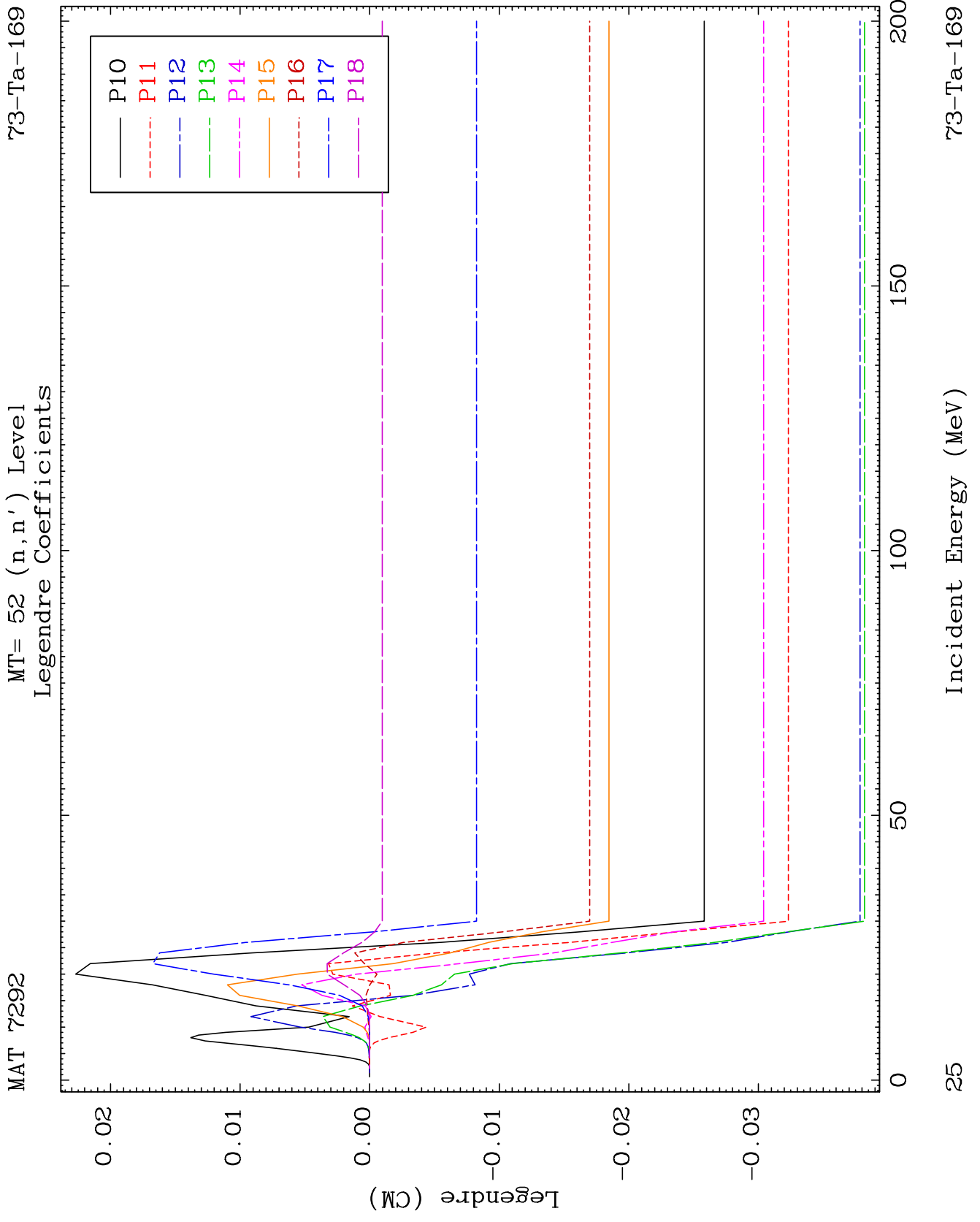
MT= 51 (n,n') Level
Legendre Coefficients

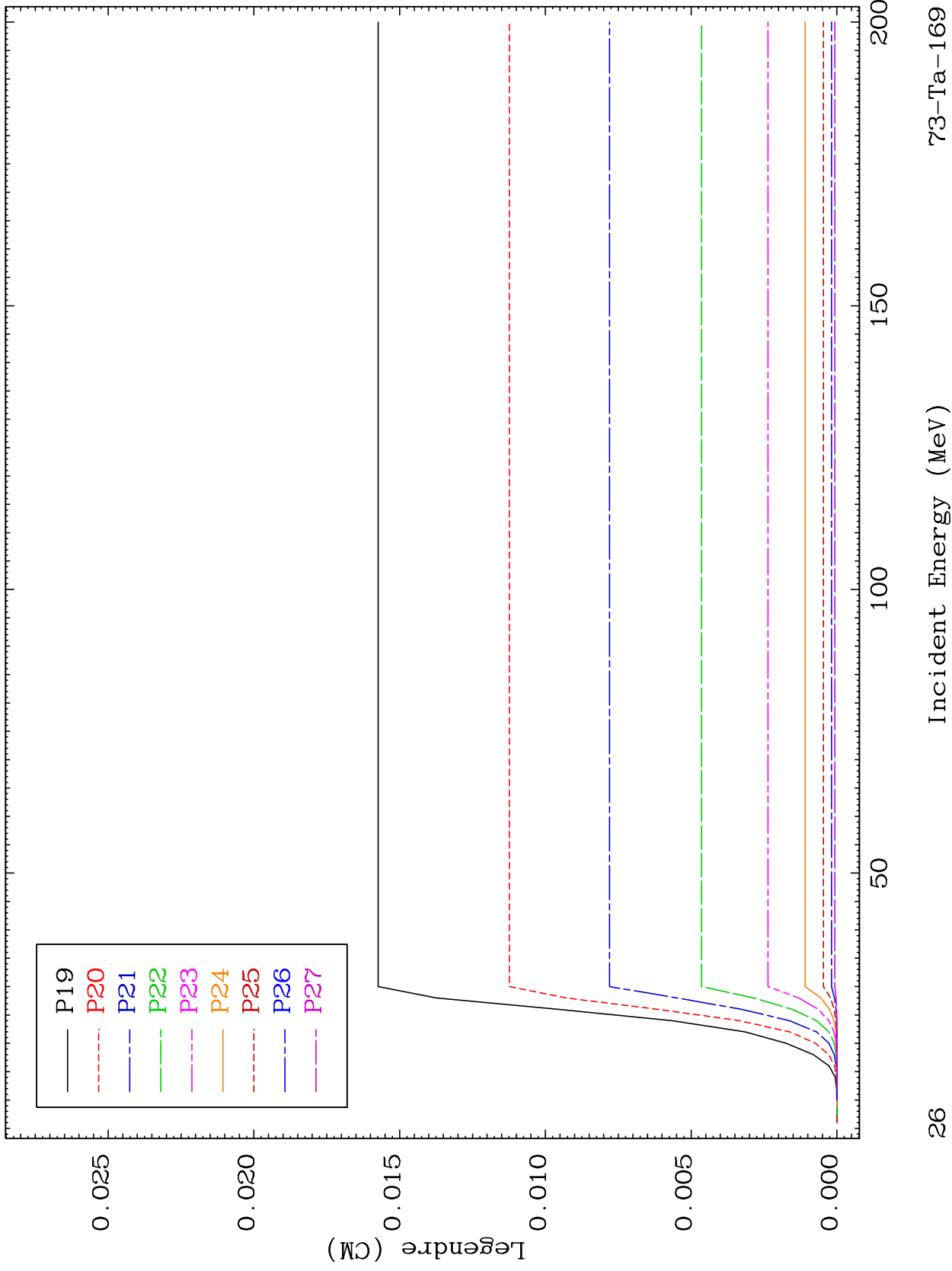
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23



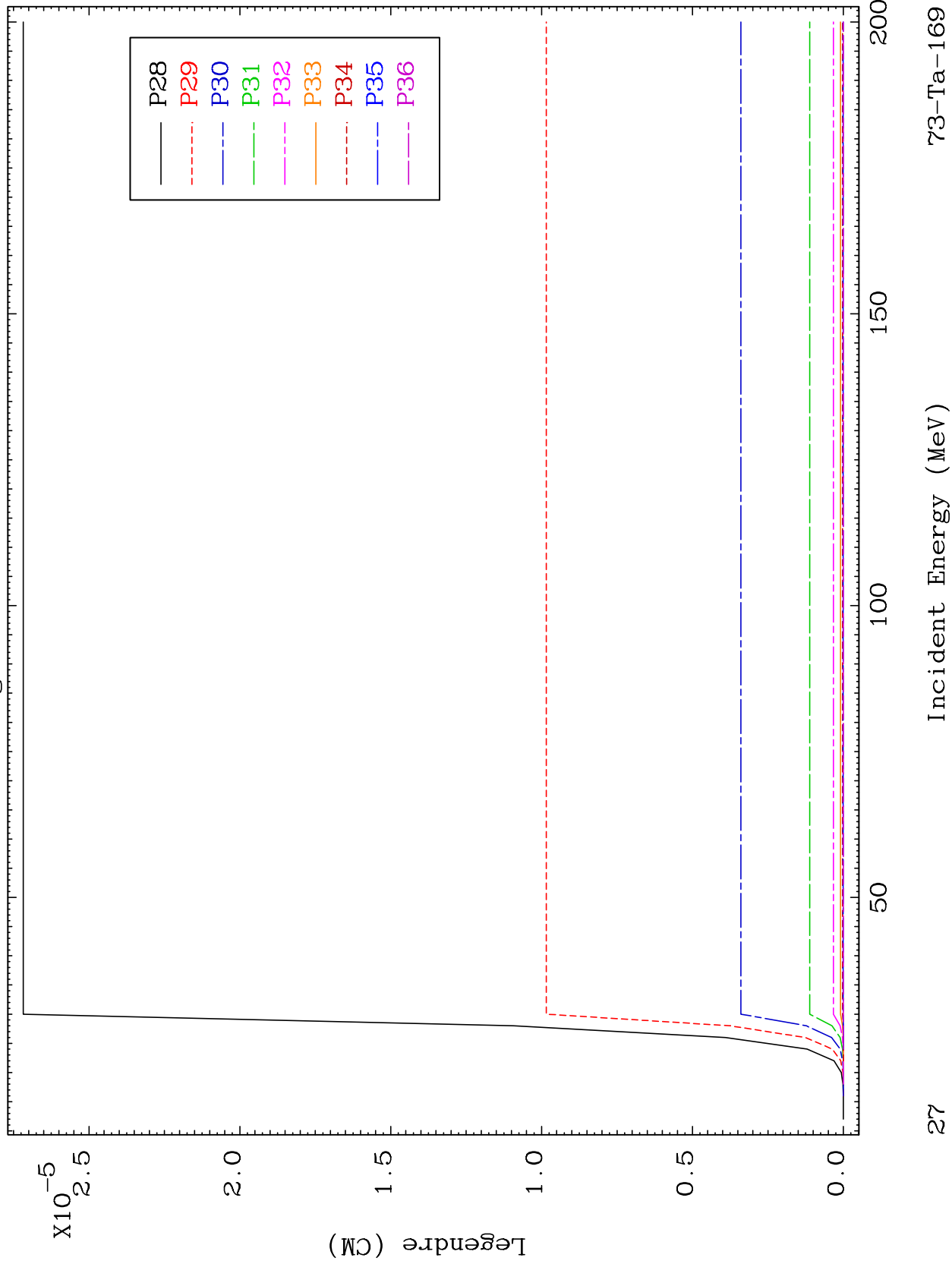




MAT 7292

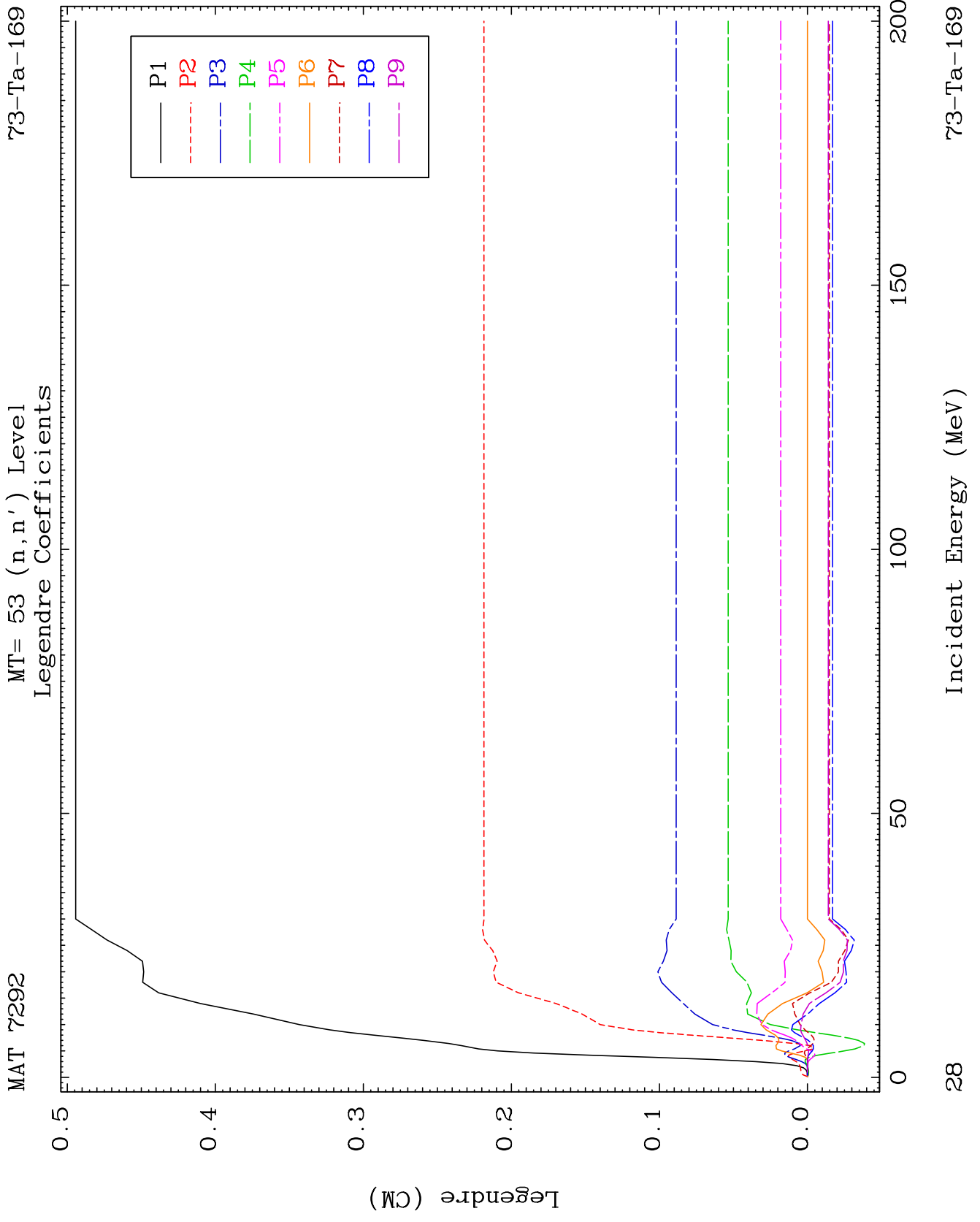
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Legendre Coefficients

73-Ta-169



27

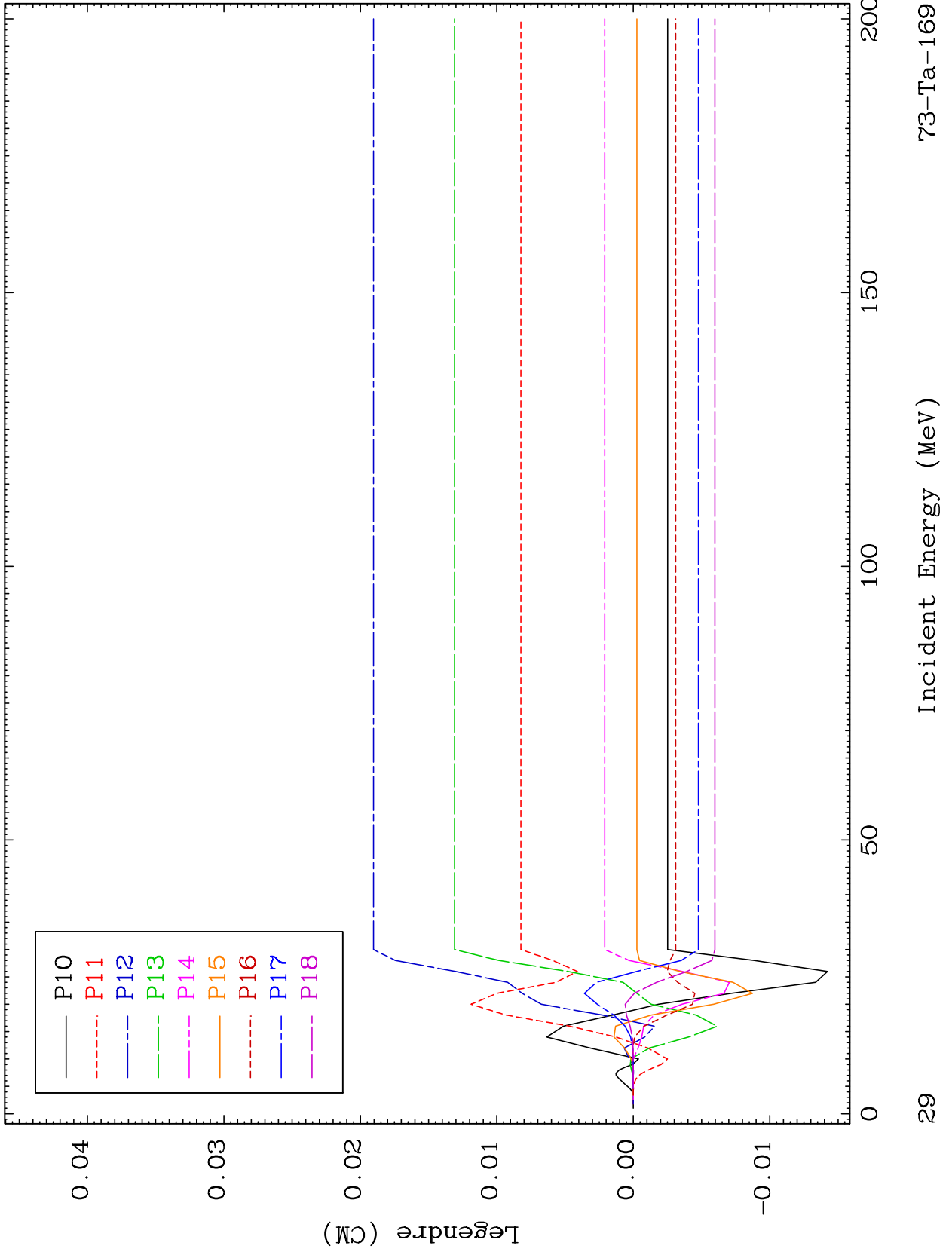
73-Ta-169



MAT 7292

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

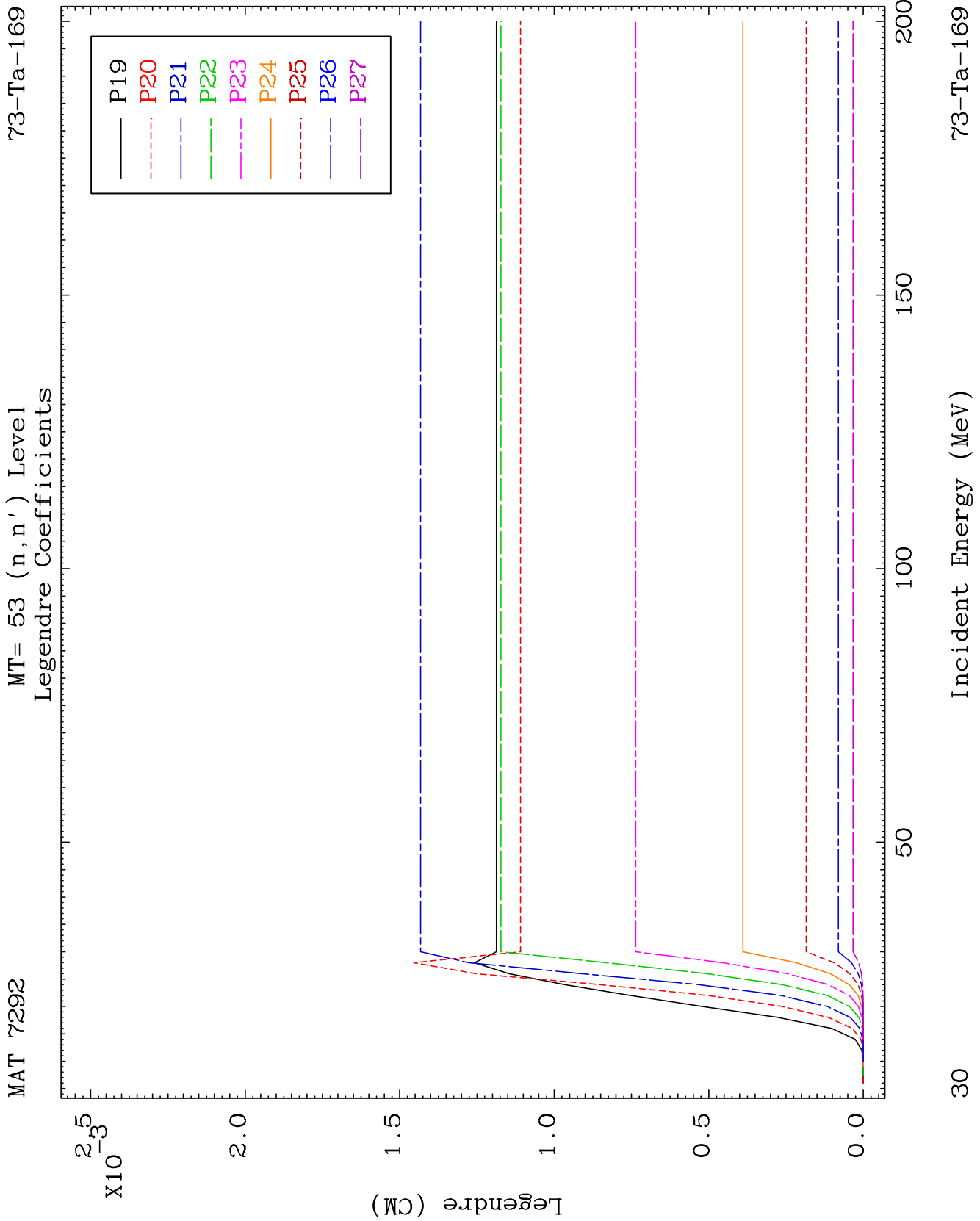
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29

Incident Energy (MeV)

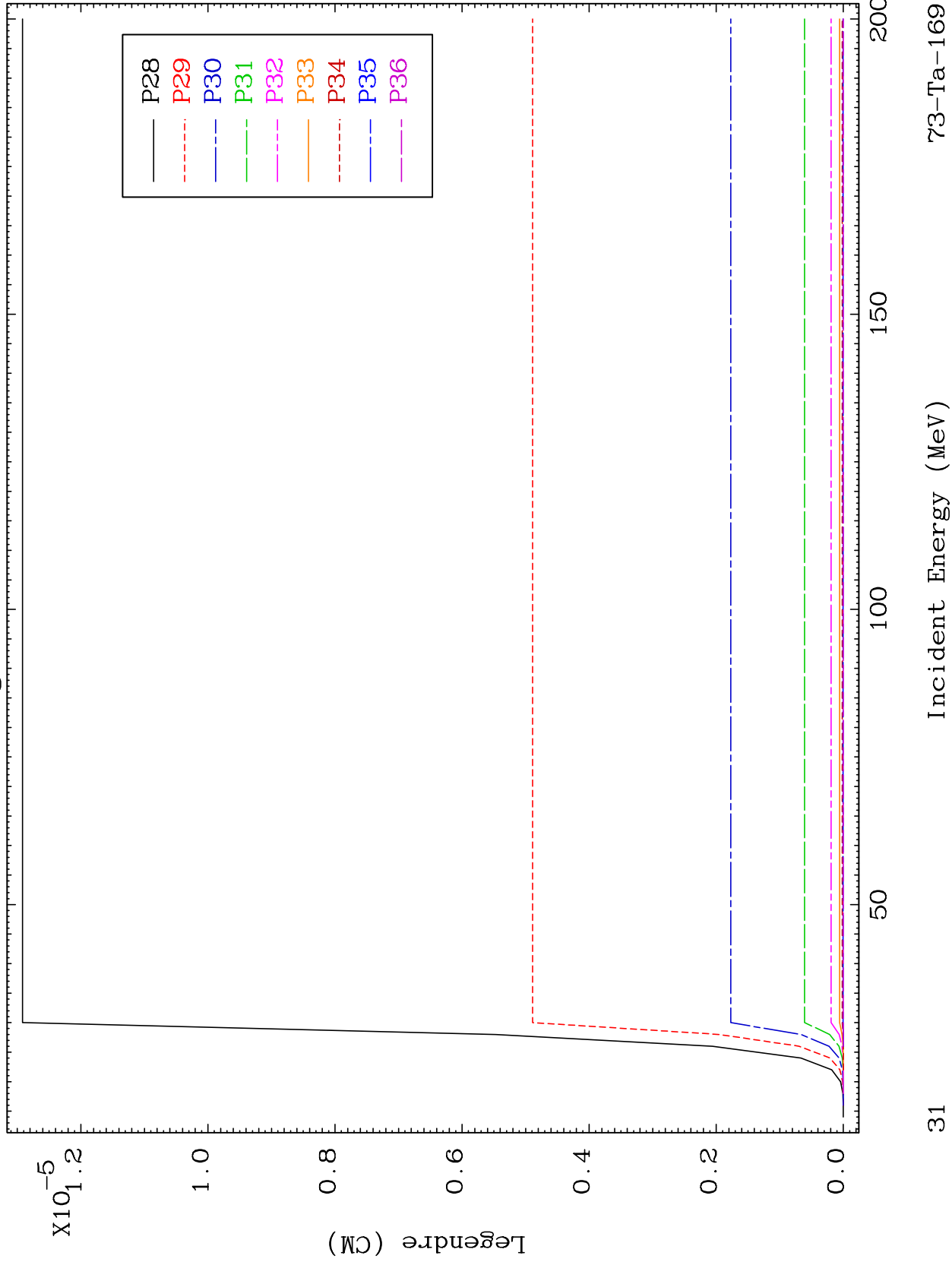
73-Ta-169



MAT 7292

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

73-Ta-169

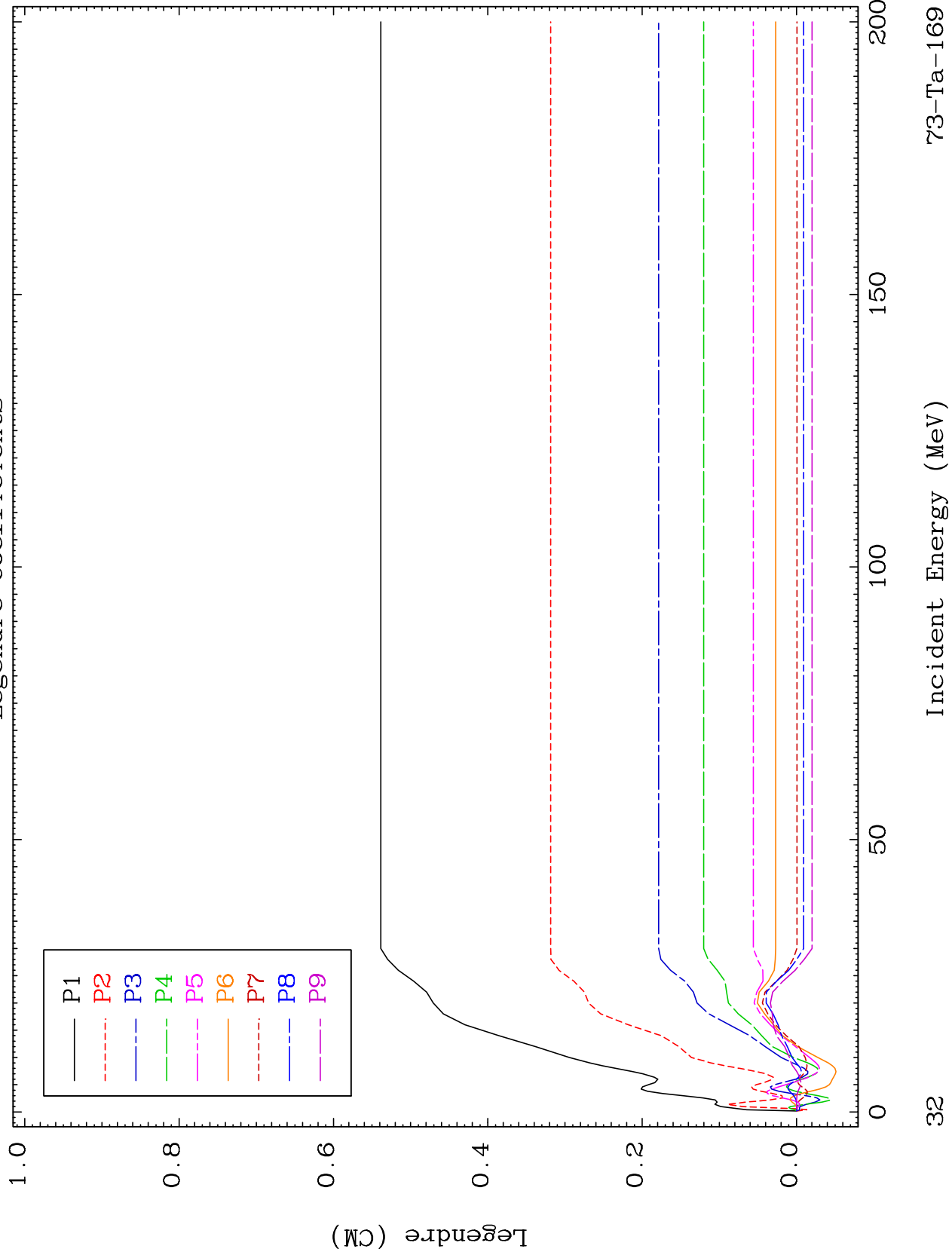


31

MAT 7292

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

73-Ta-169

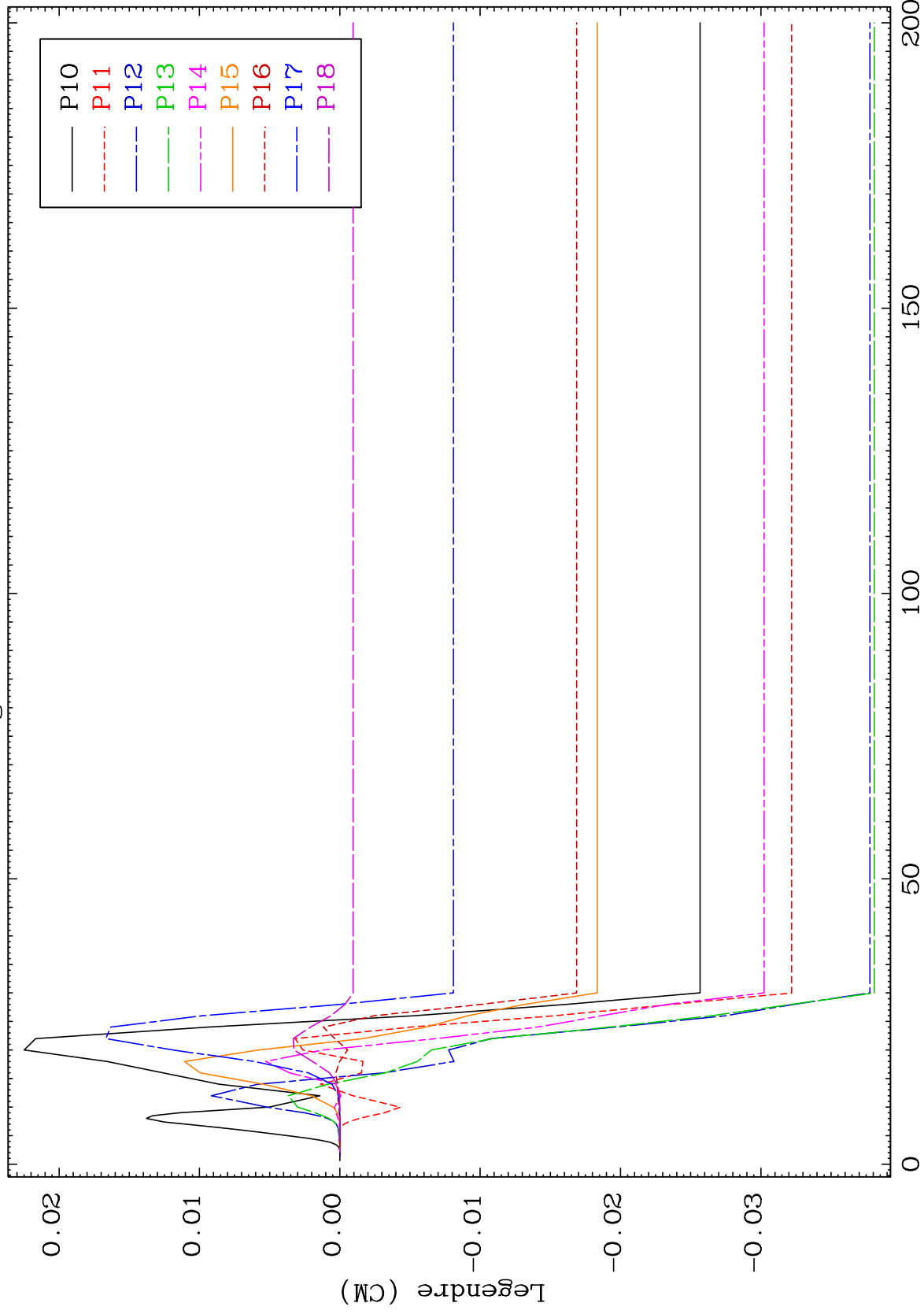


32

MAT 7292

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

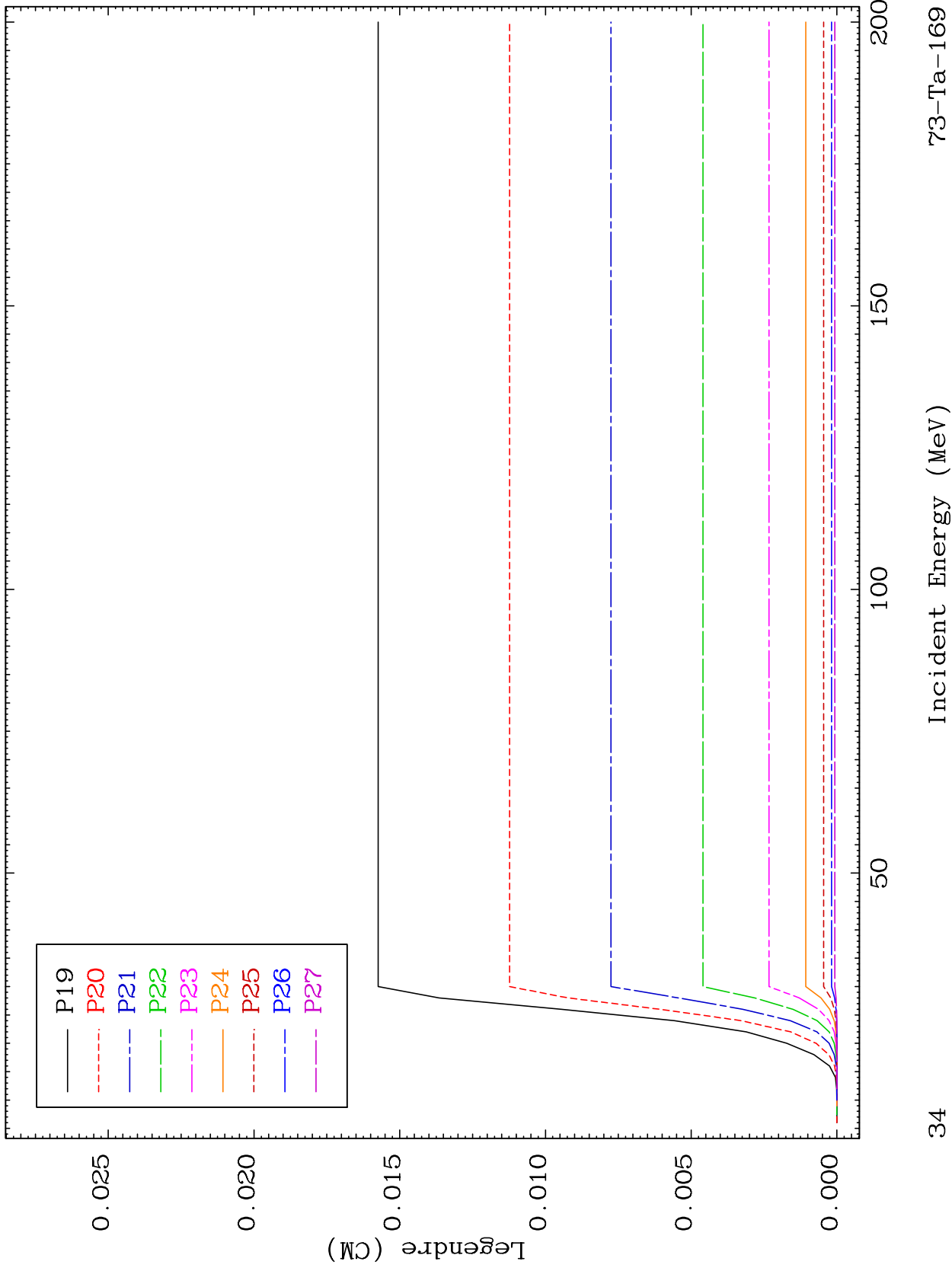
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33

Incident Energy (MeV)

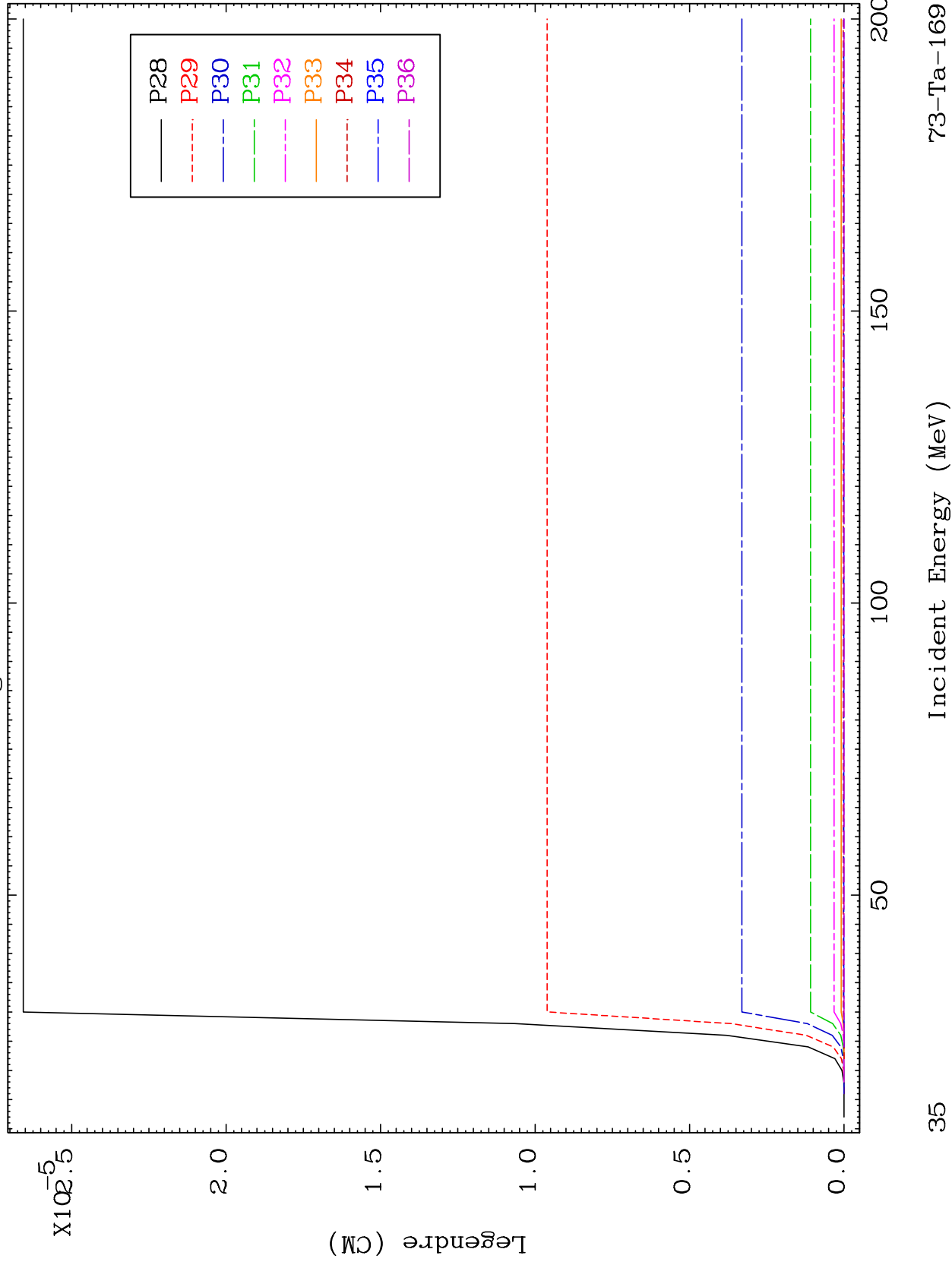
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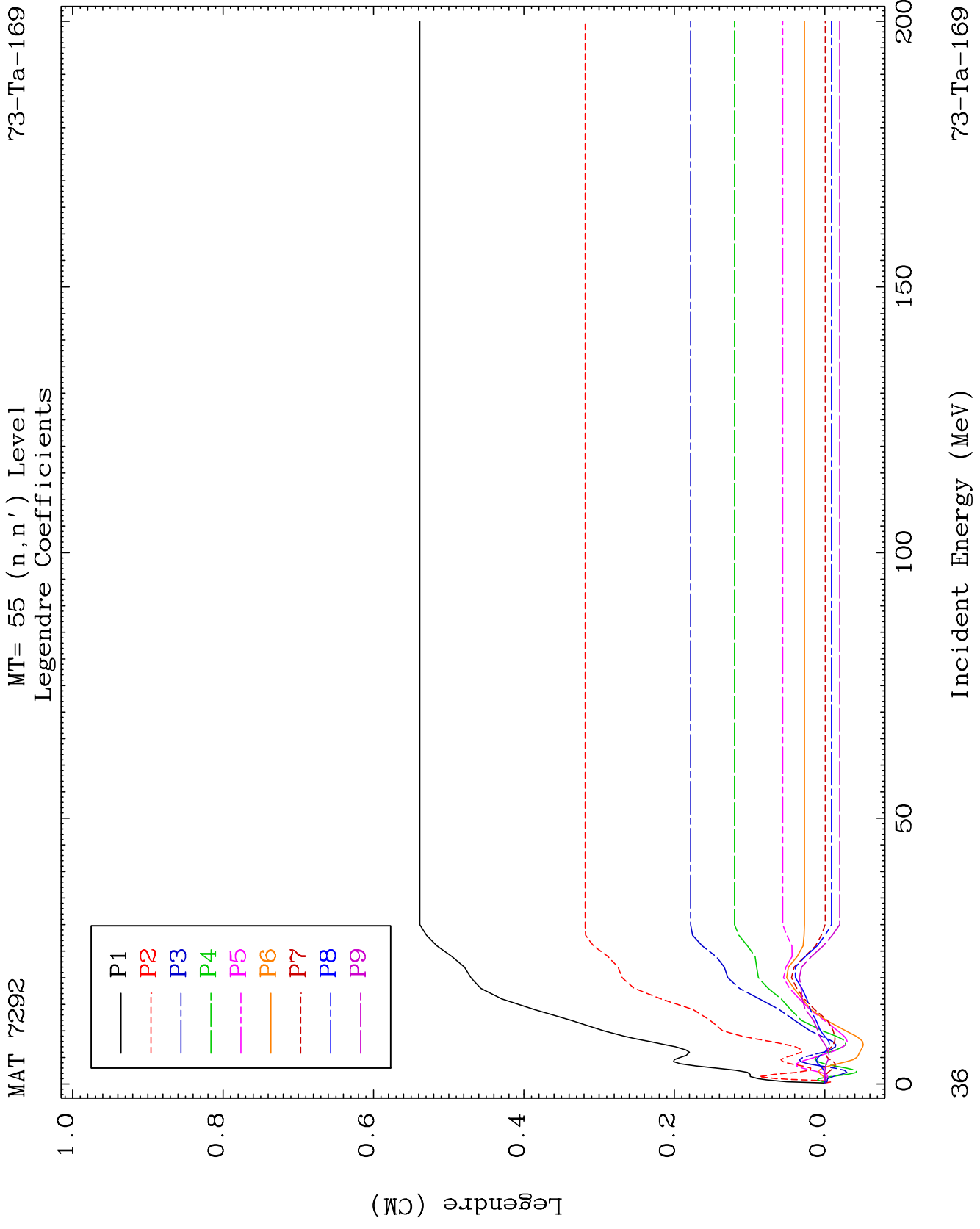
MAT 7292

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

73-Ta-169



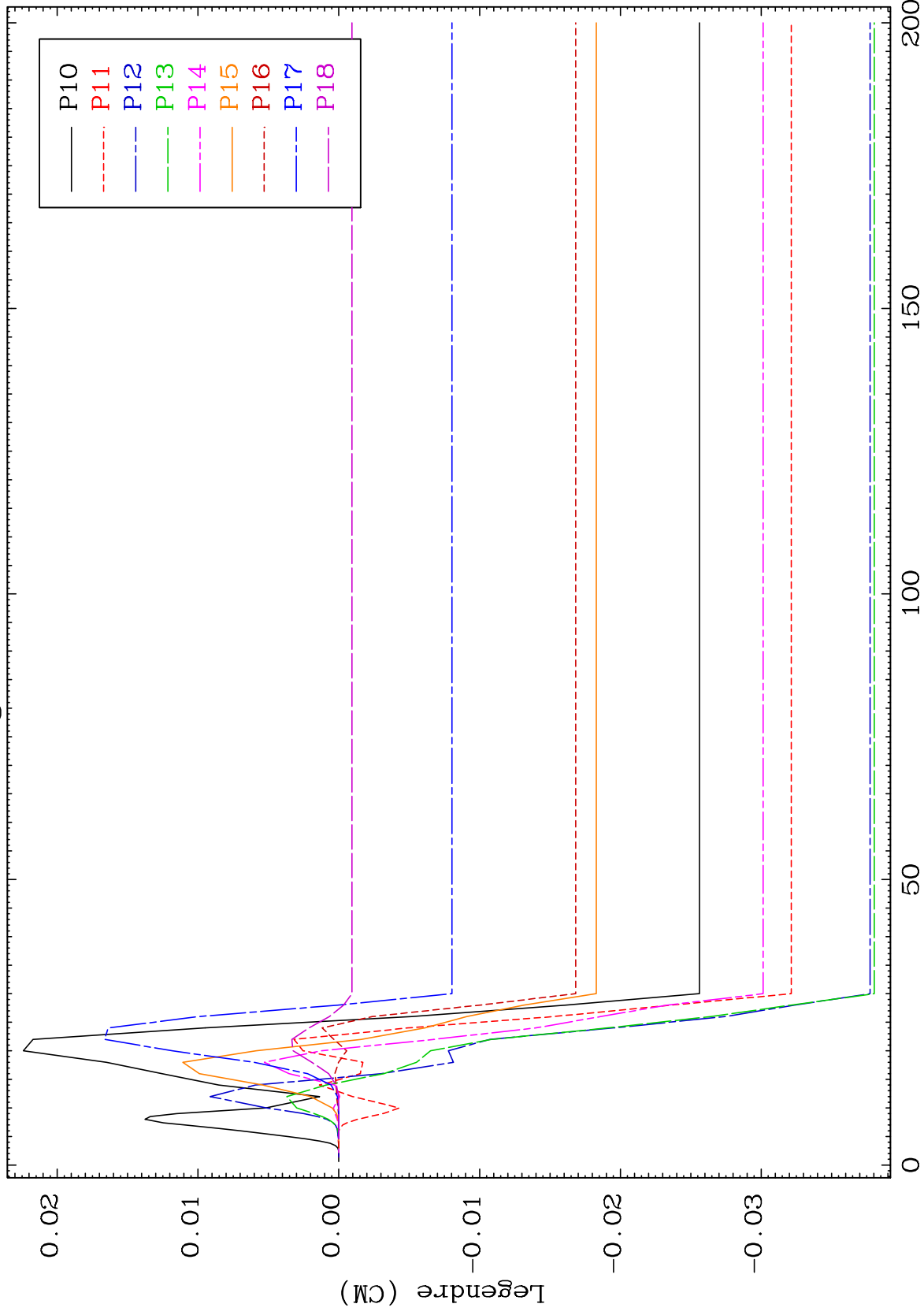
35



MAT 7292

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

73-Ta-169



37

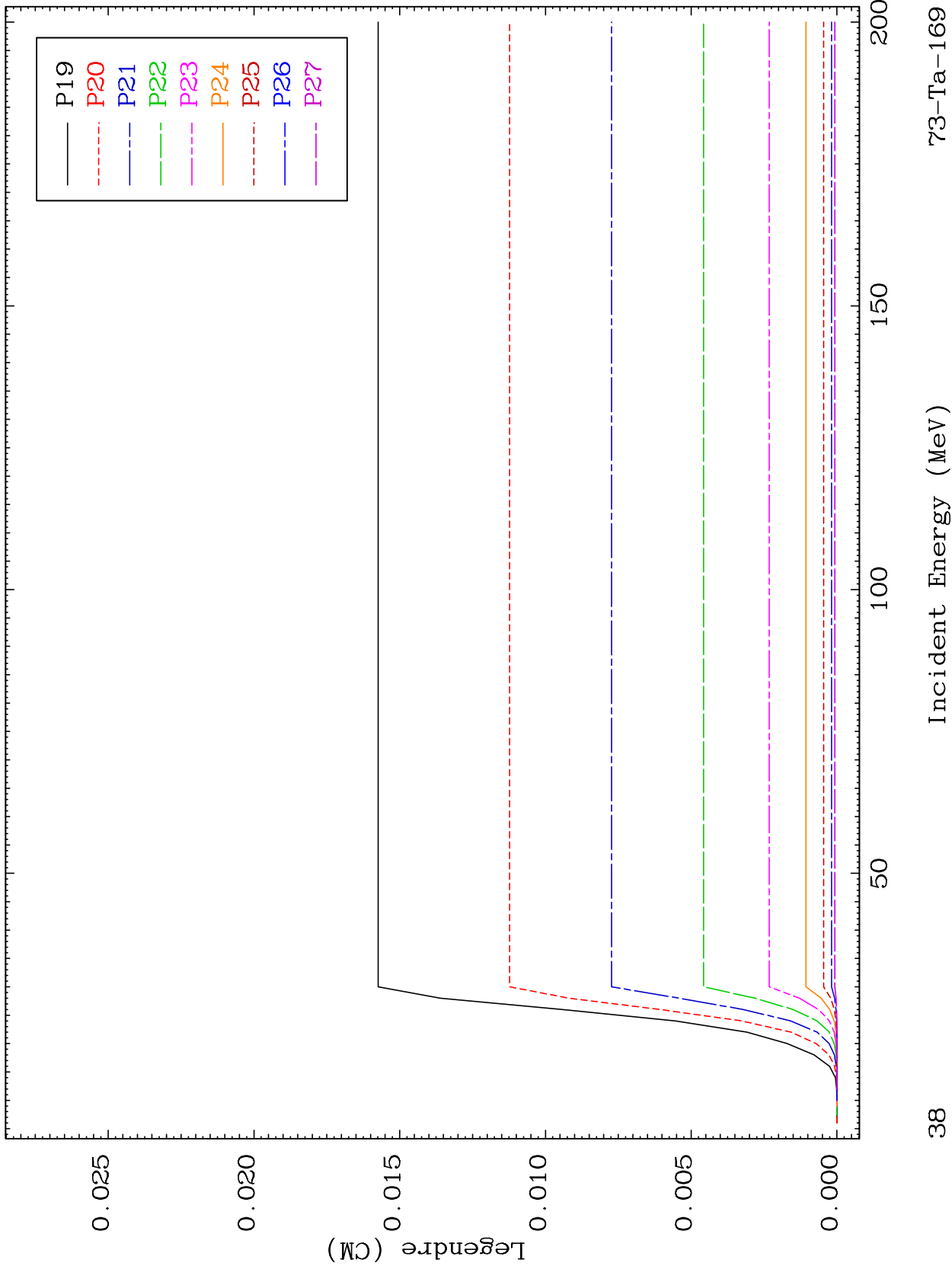
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



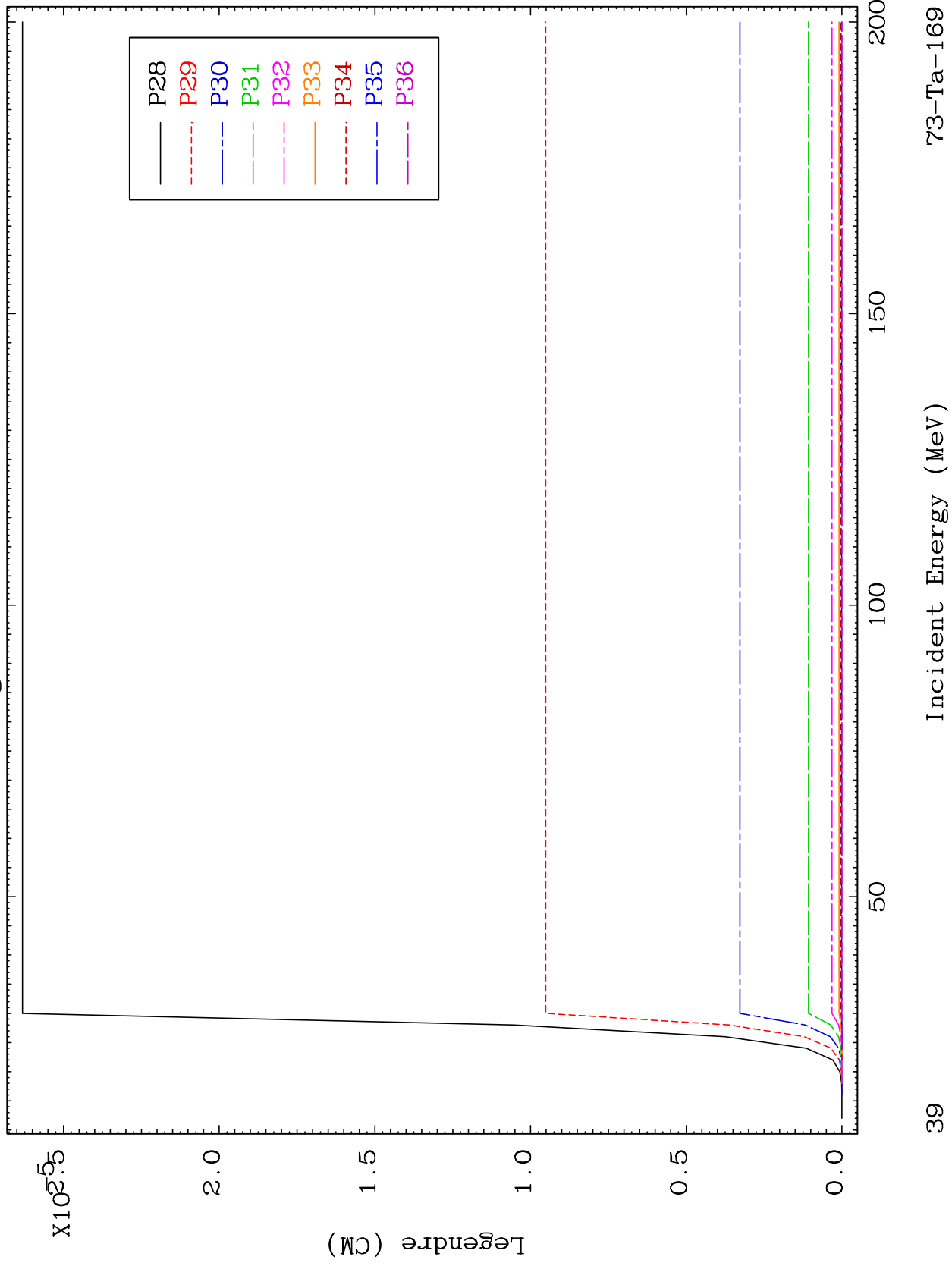
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73-Ta-169

MAT 7292

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

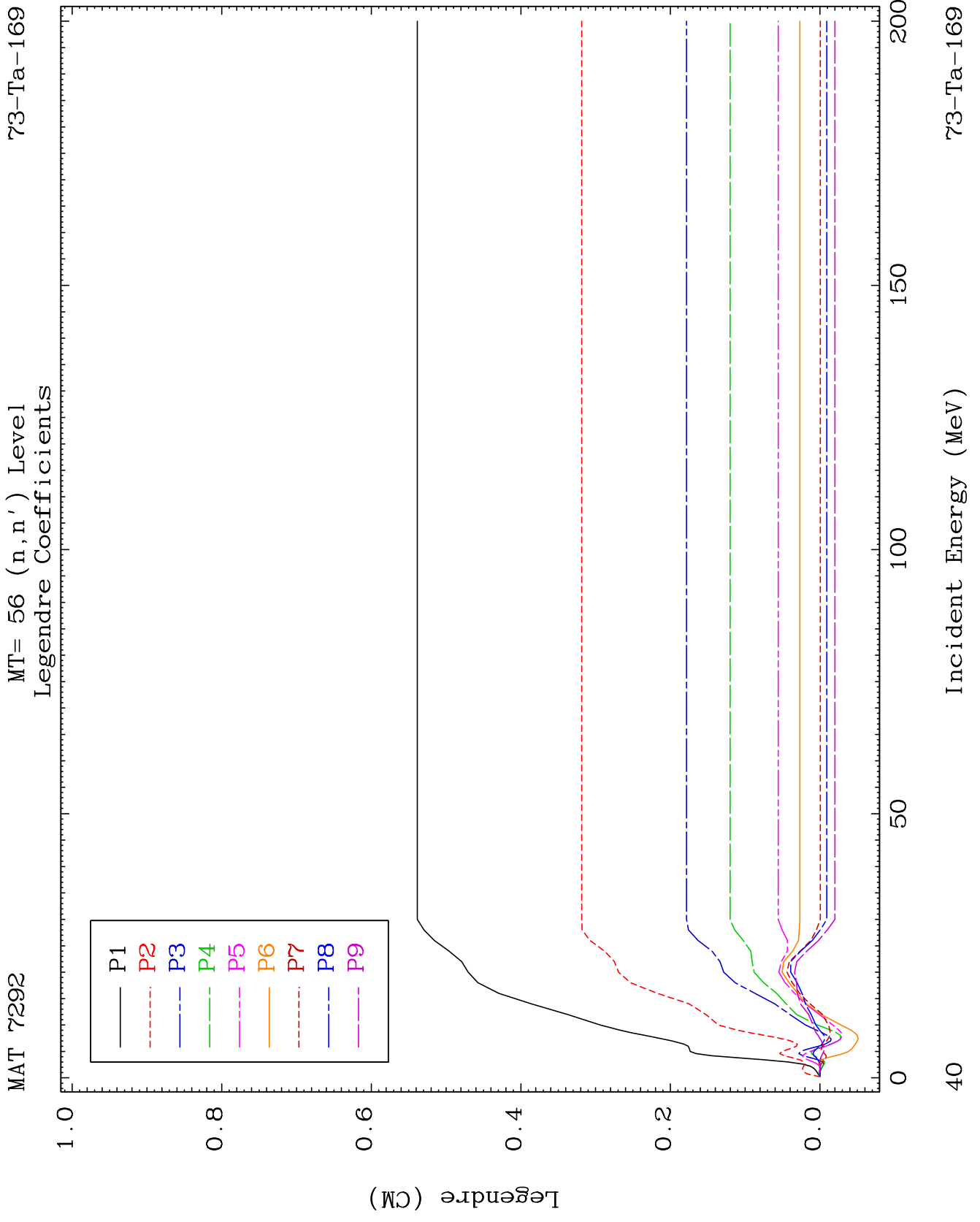
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39

Incident Energy (MeV)

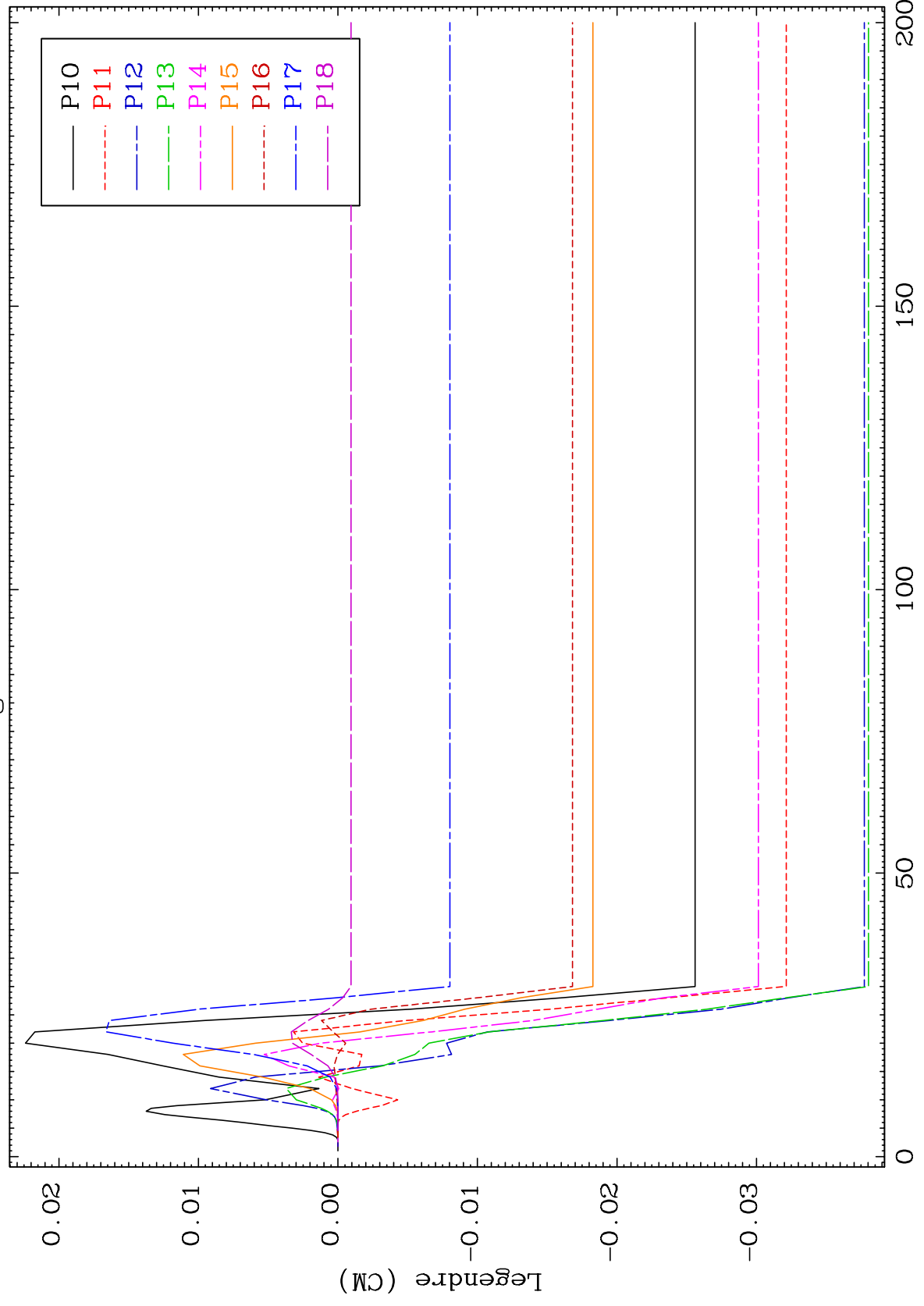
73-Ta-169



MAT 7292

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

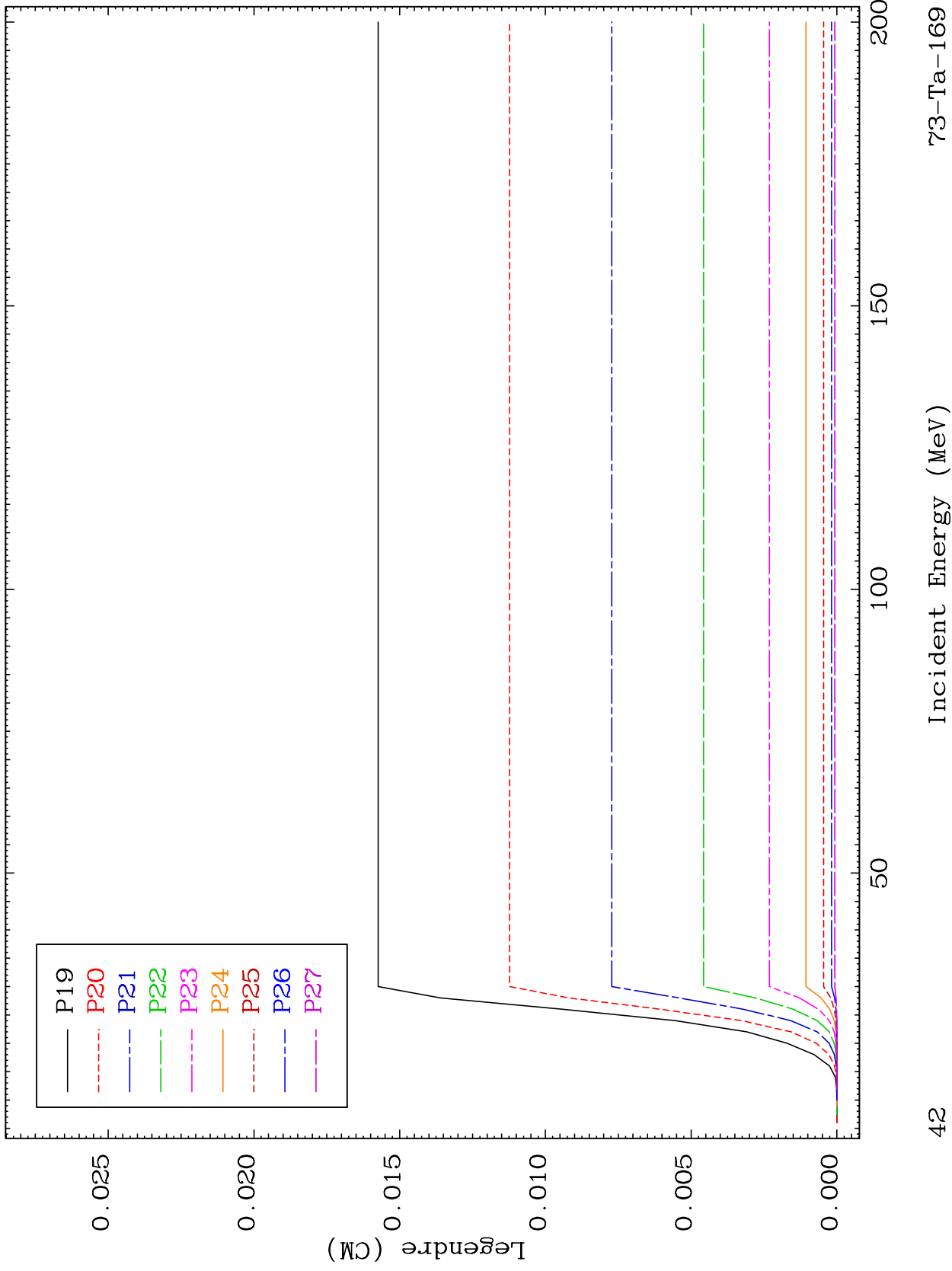
73-Ta-169



41

Incident Energy (MeV)

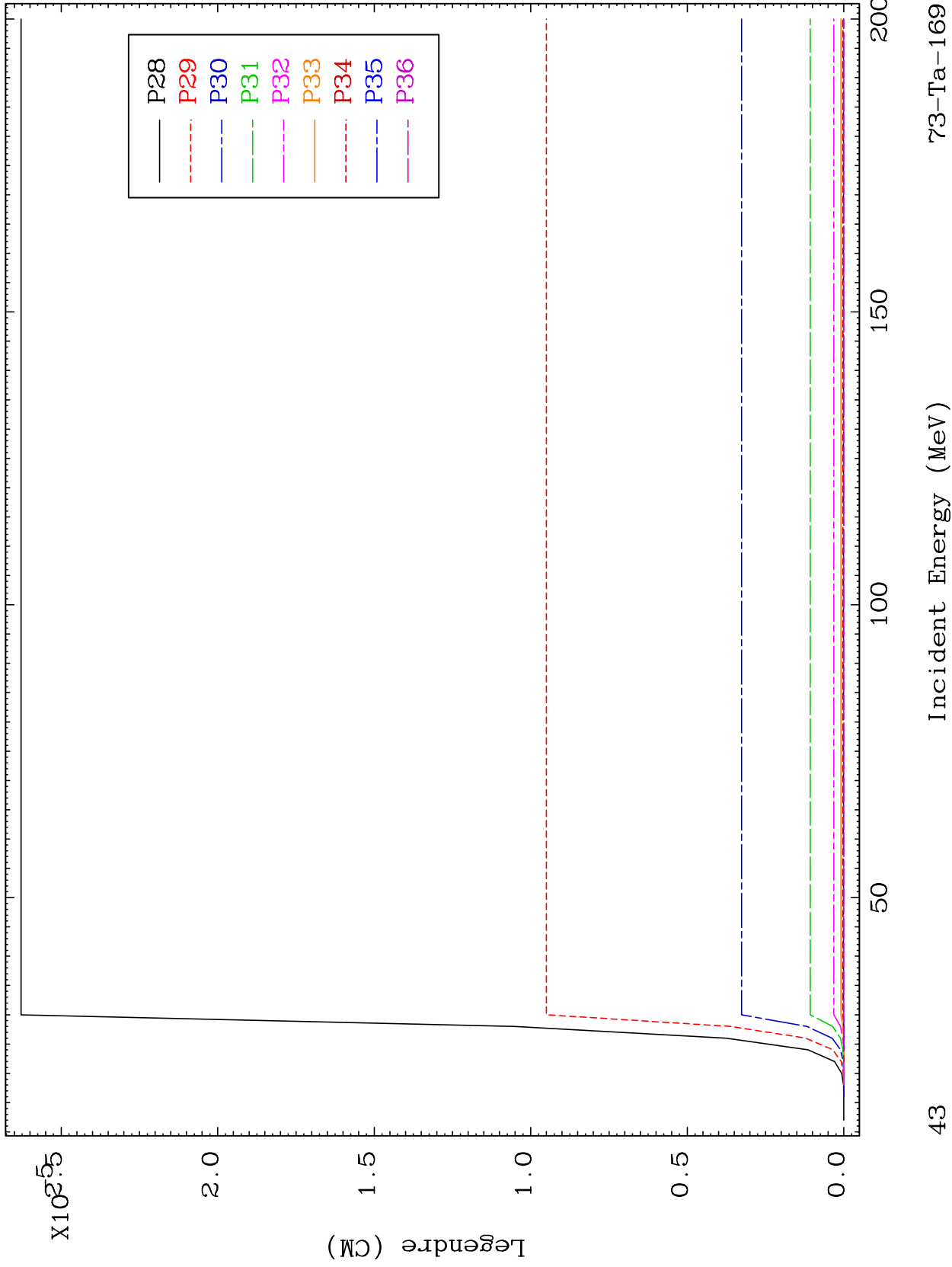
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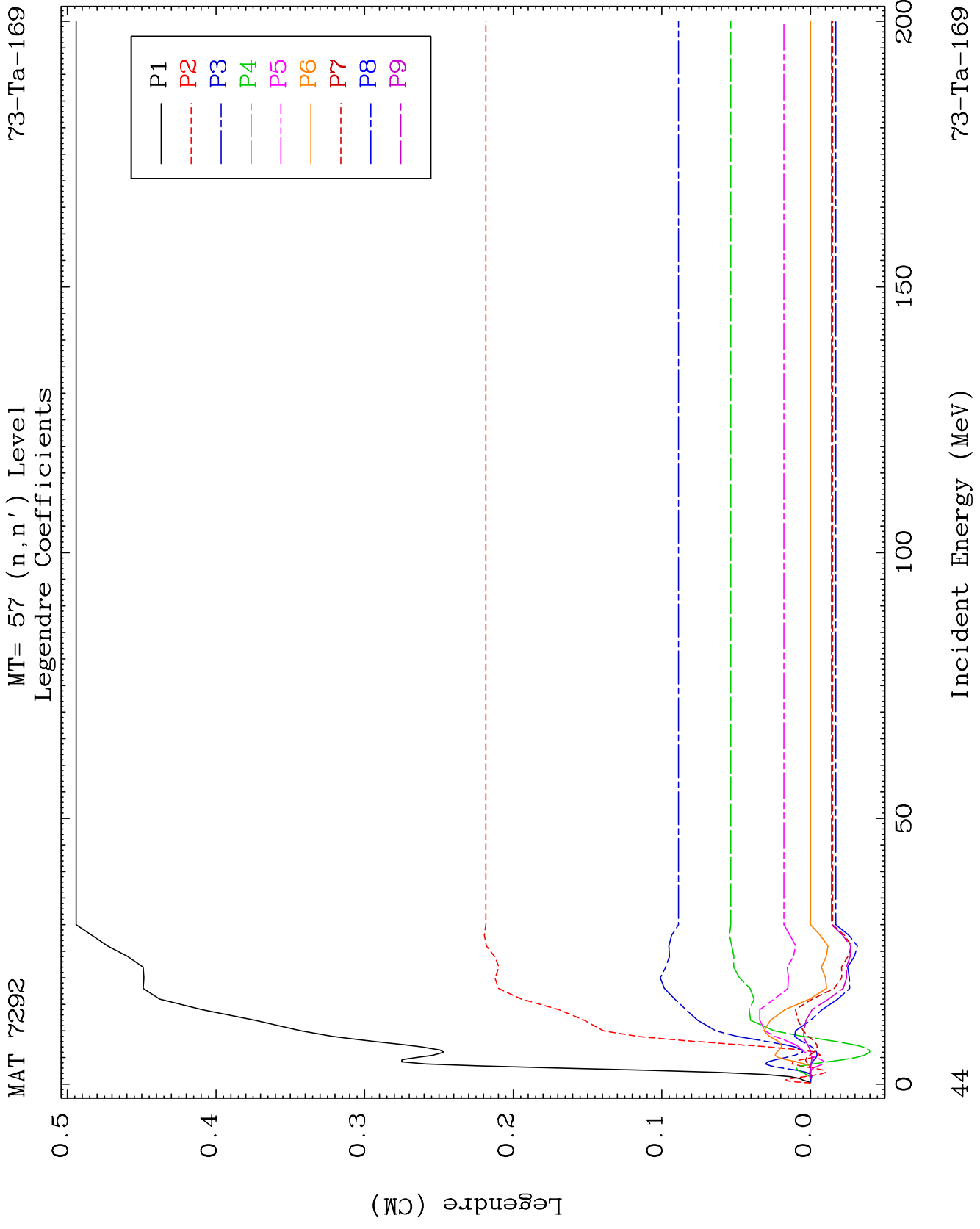
MAT 7292

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

73-Ta-169



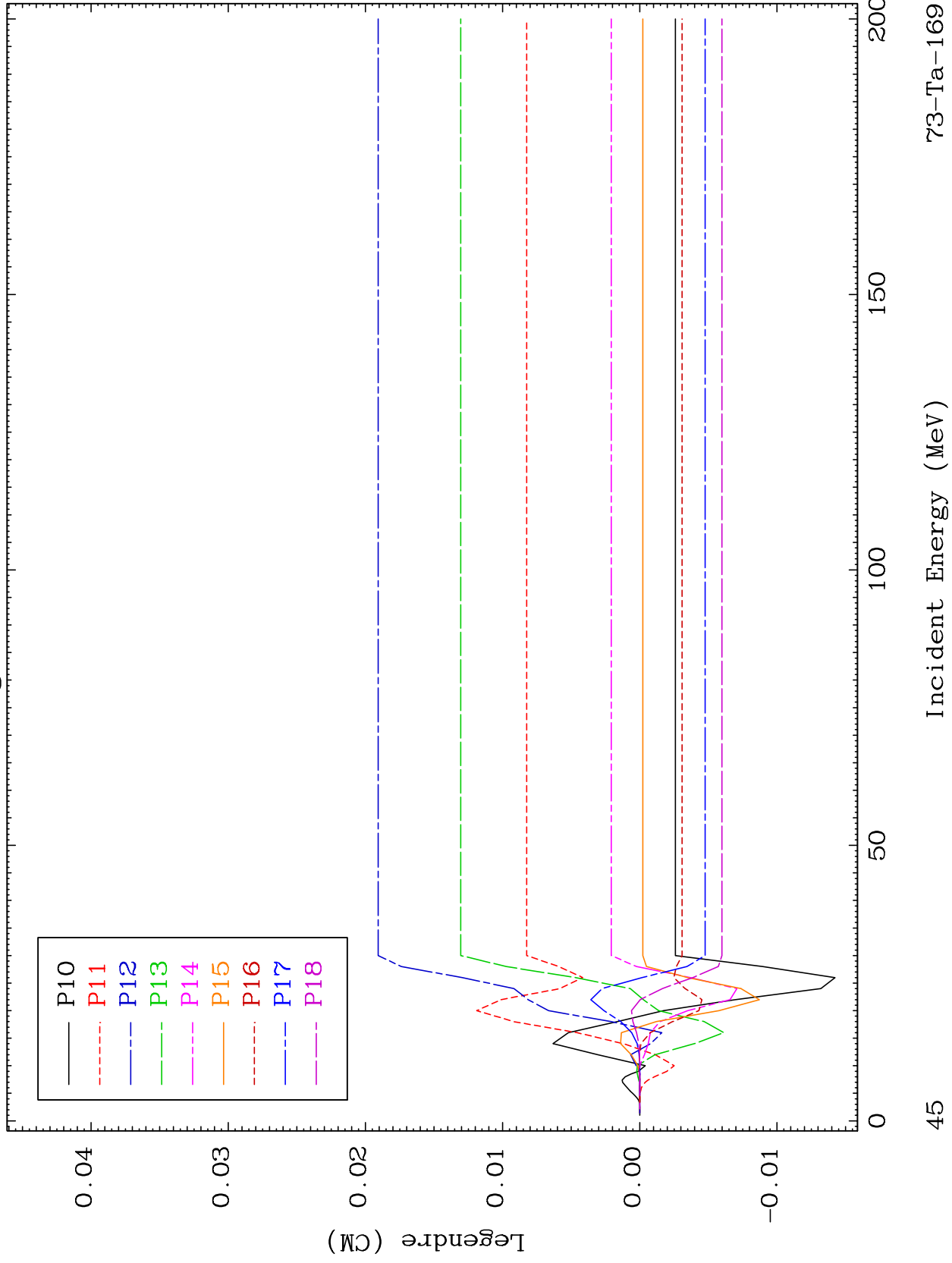
43



MAT 7292

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

73-Ta-169



73-Ta-169

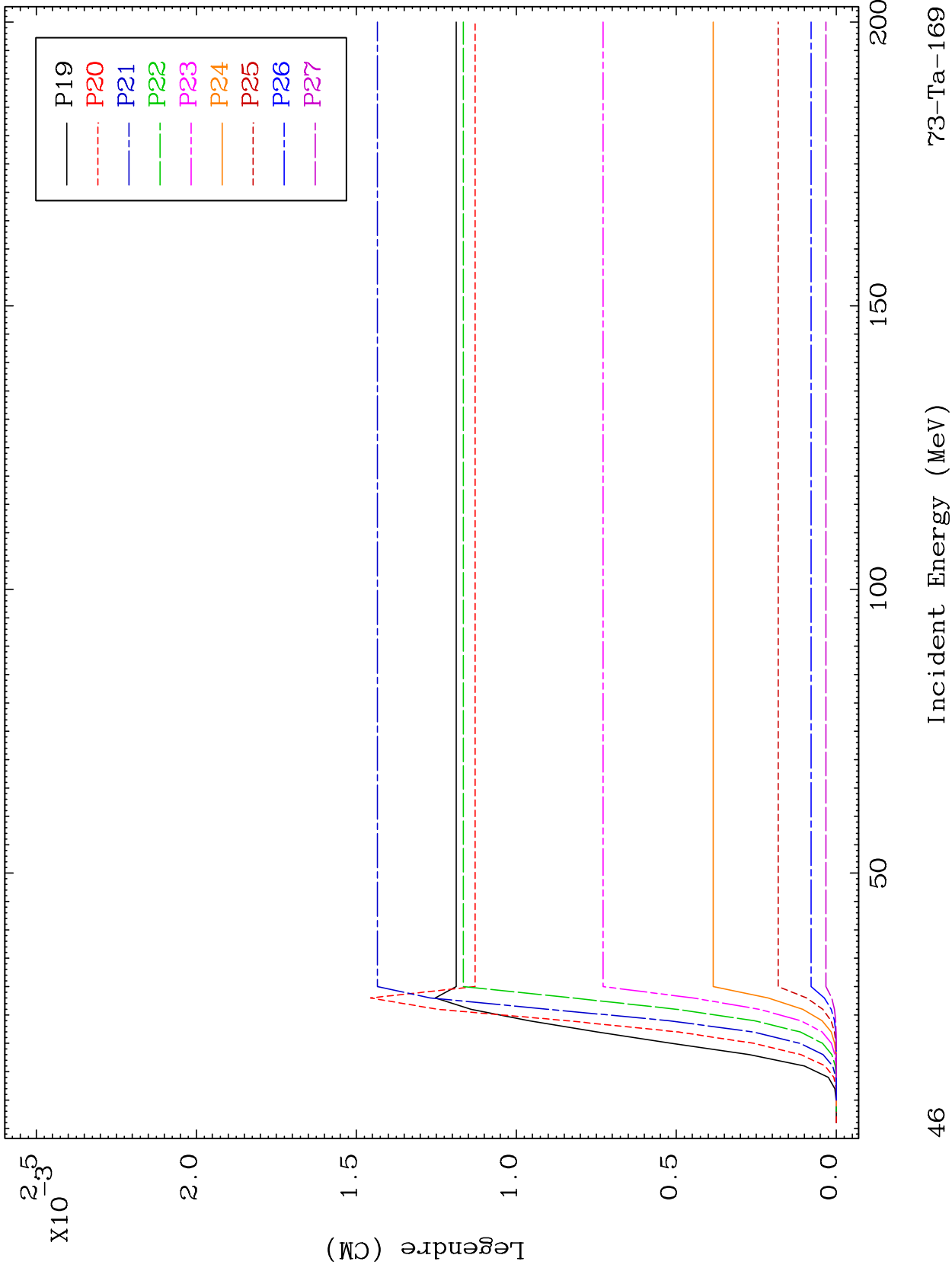
Incident Energy (MeV)

45

MAT 7292

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

73-Ta-169



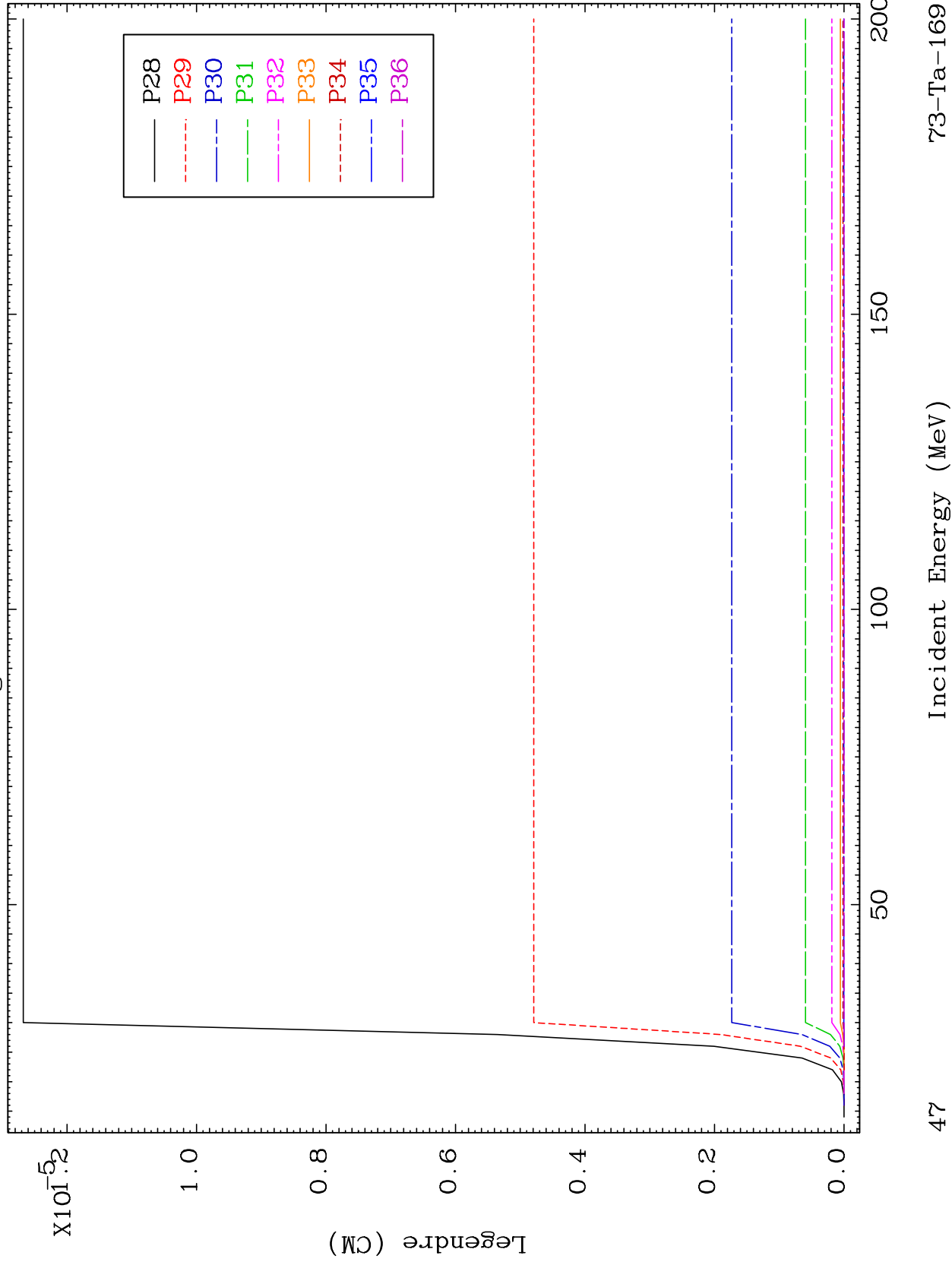
46

73-Ta-169

MAT 7292

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

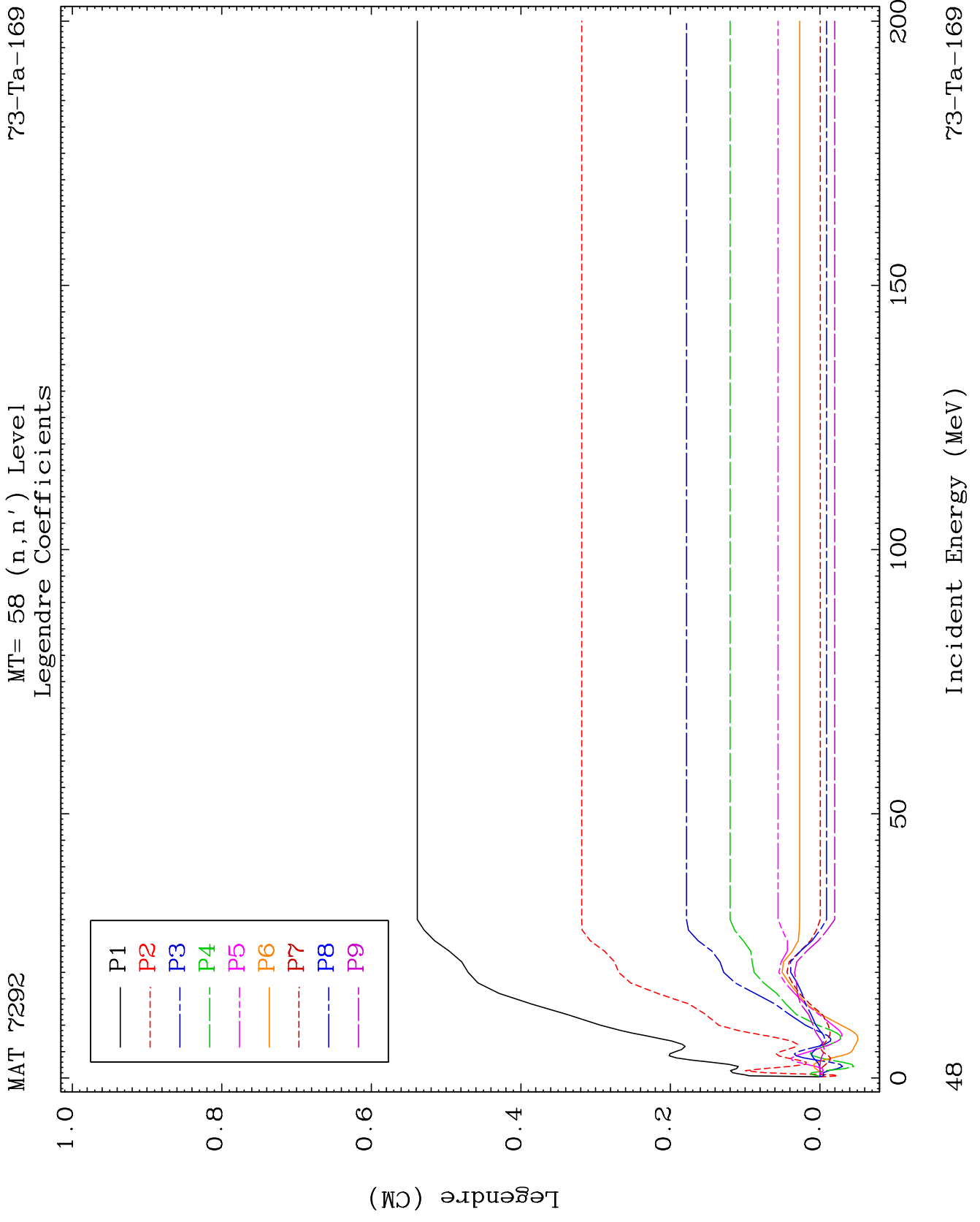
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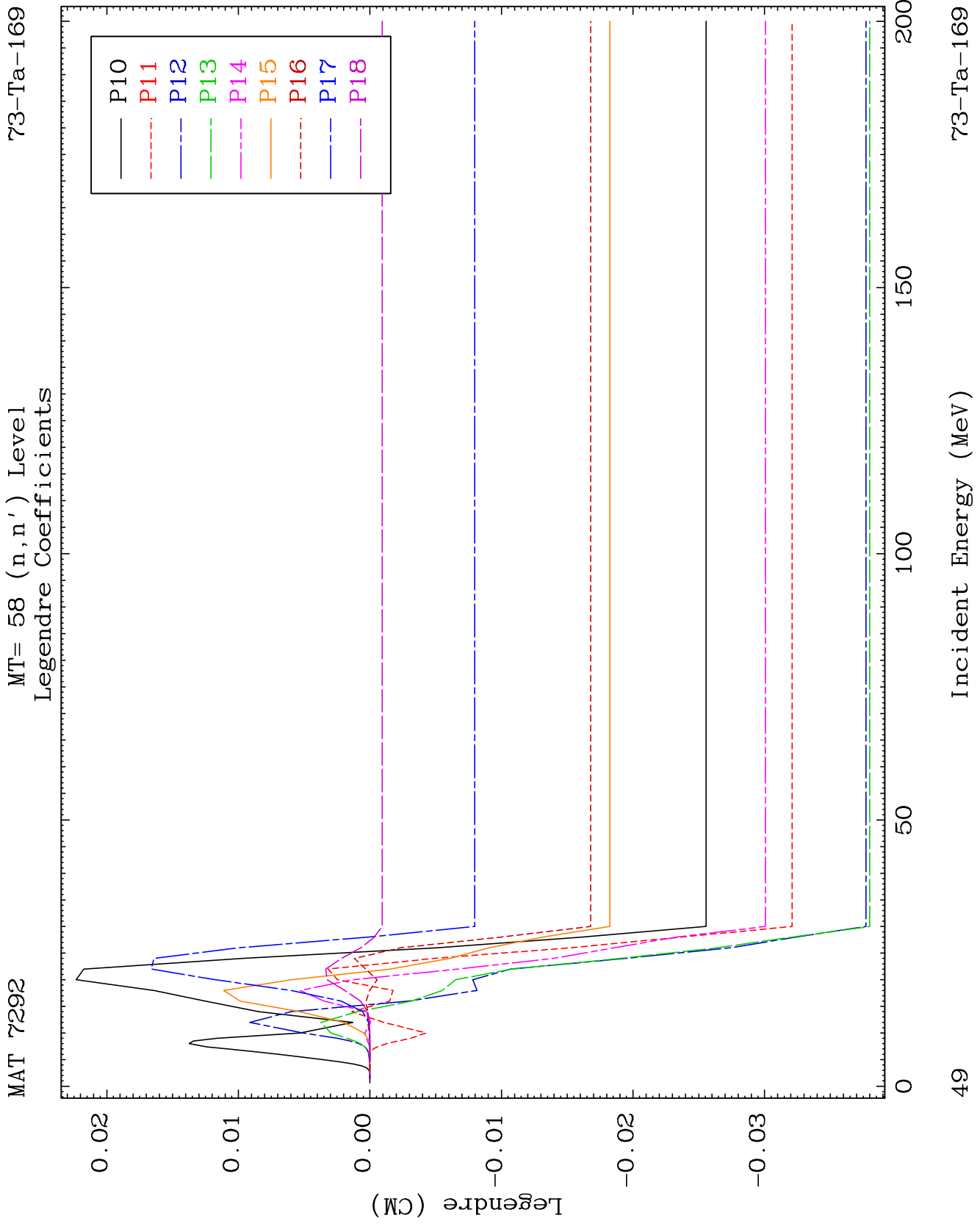


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Incident Energy (MeV)

73-Ta-169

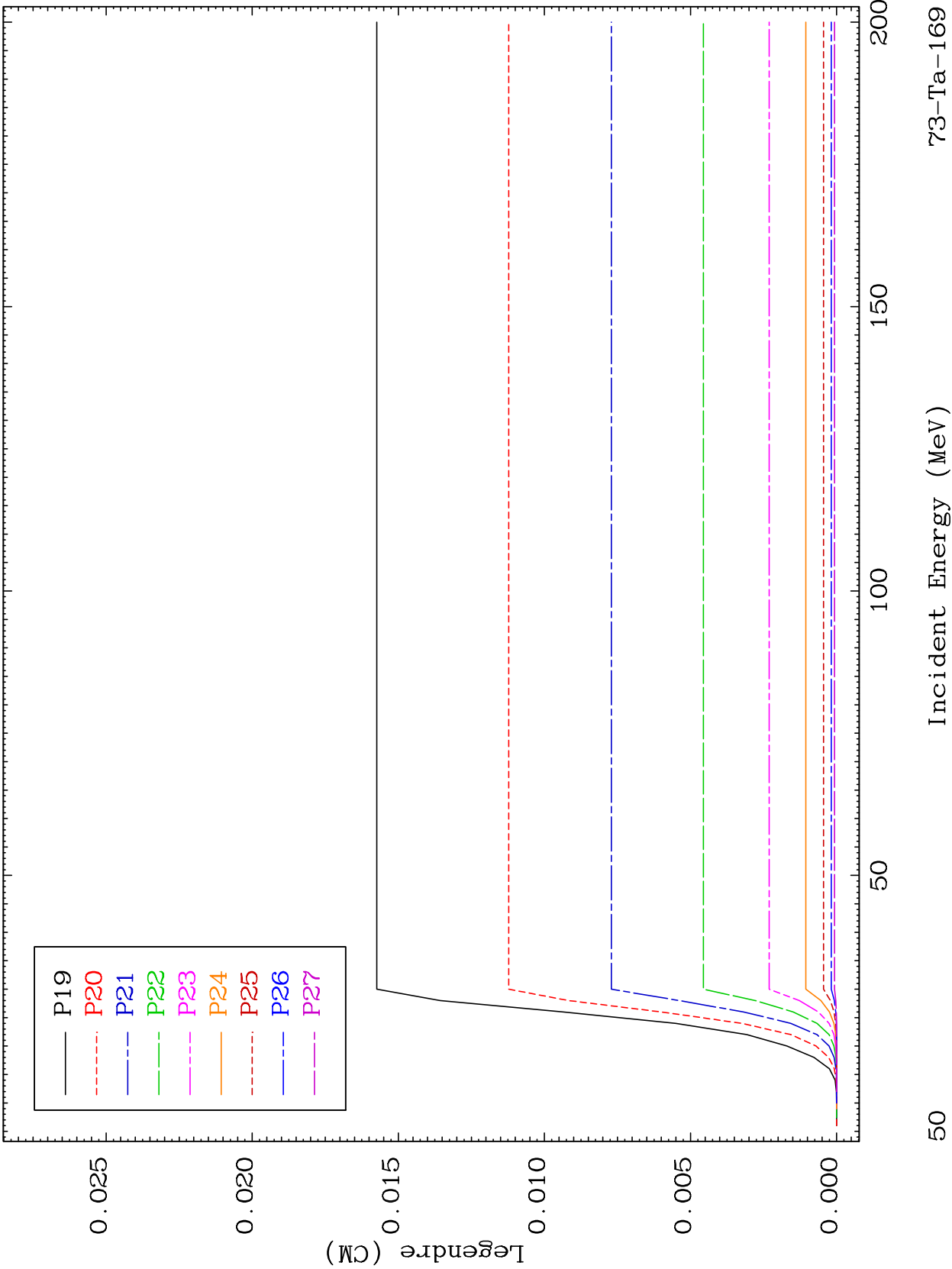




MAT 7292

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

73-Ta-169



73-Ta-169

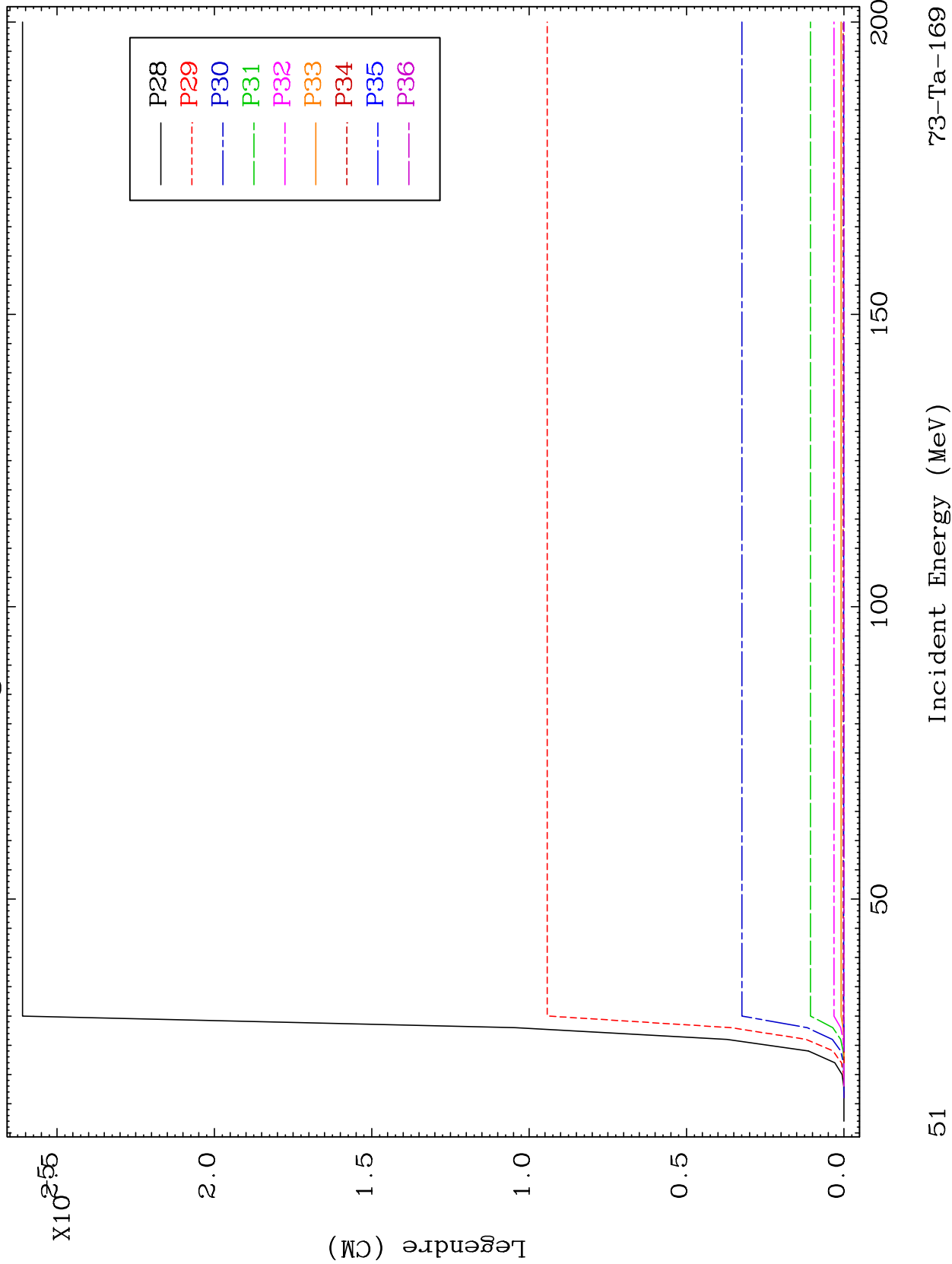
Incident Energy (MeV)

50

MAT 7292

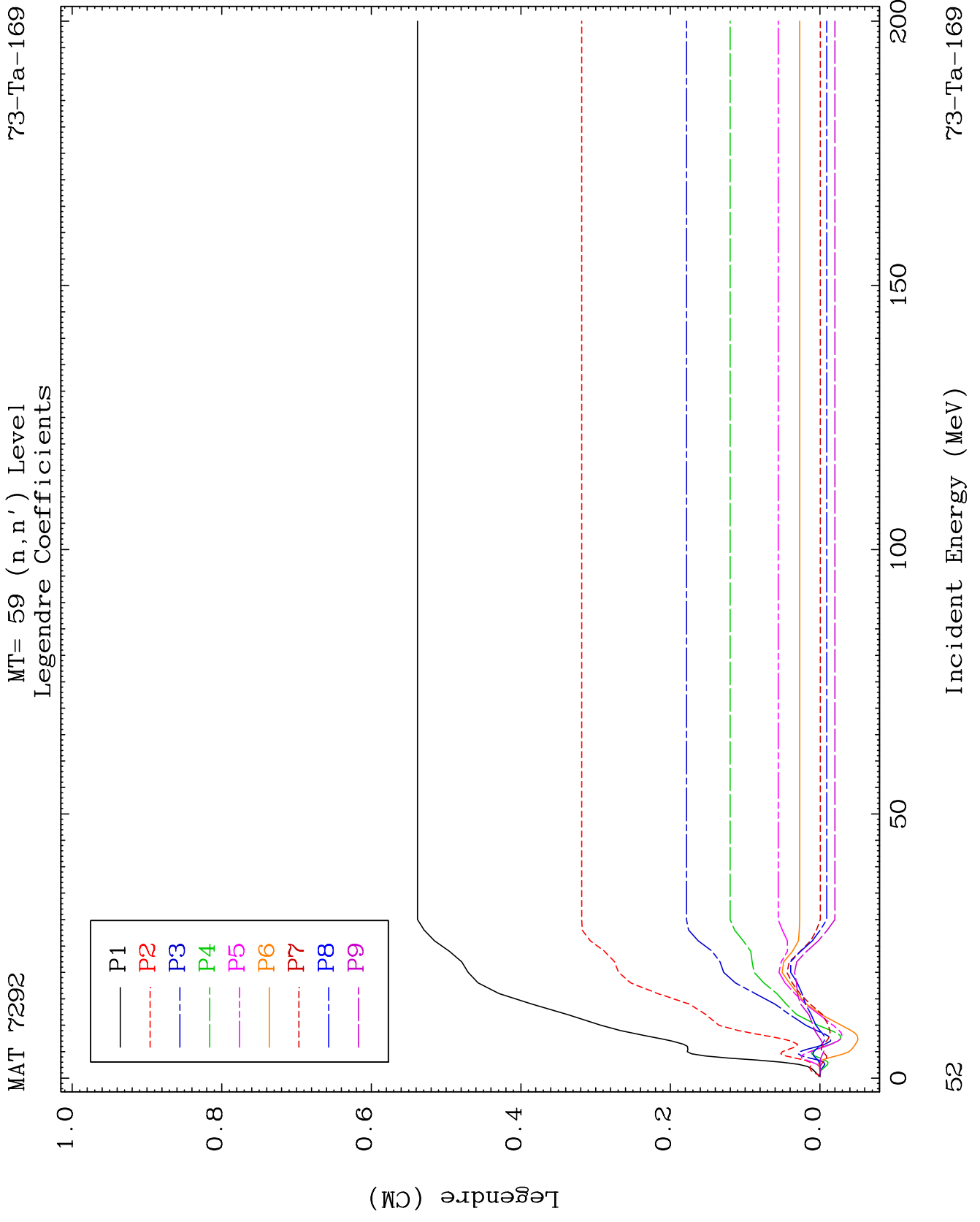
MT= 58 (n,n') Level
Legendre Coefficients

73-Ta-169



51

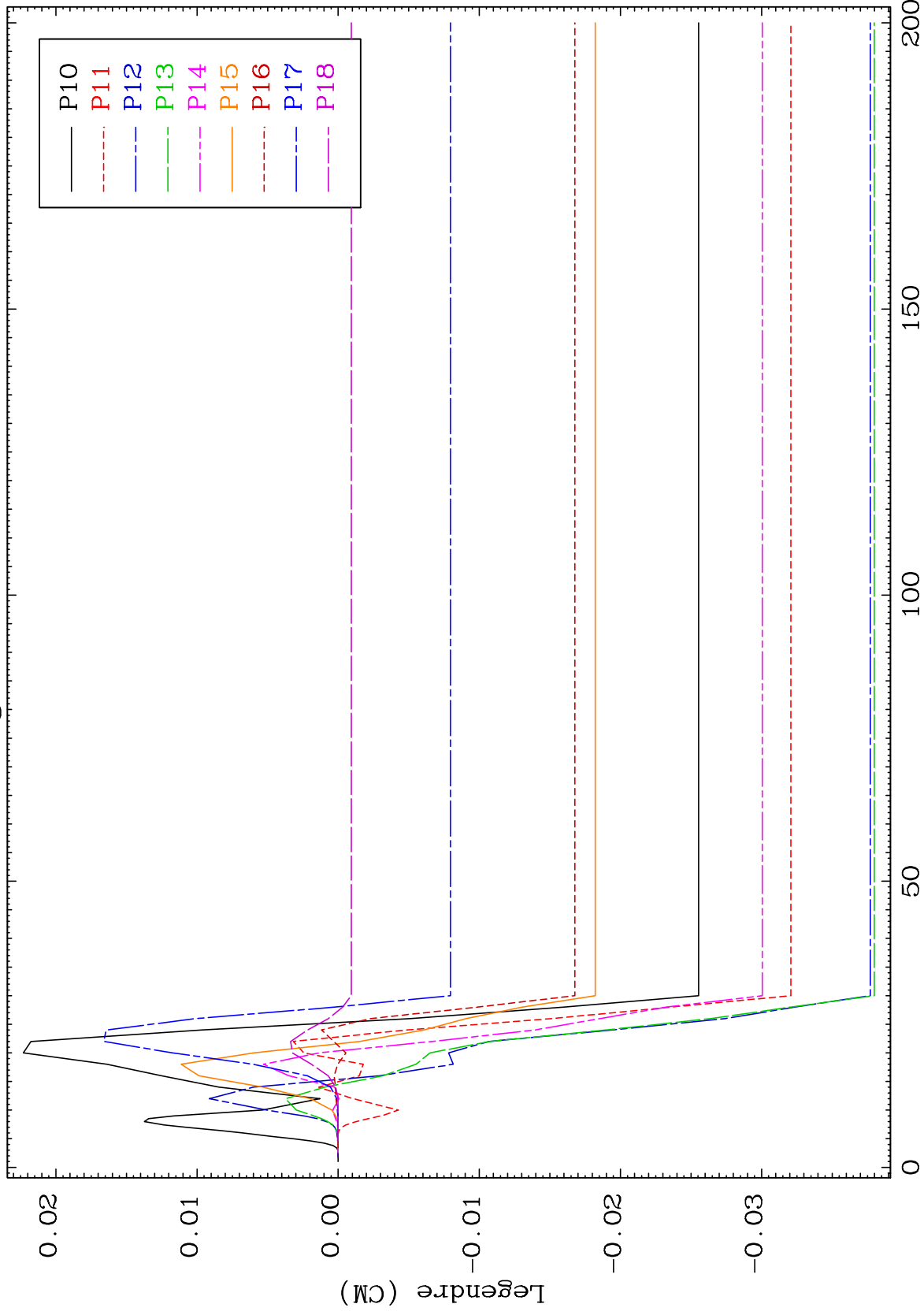
73-Ta-169



MAT 7292

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

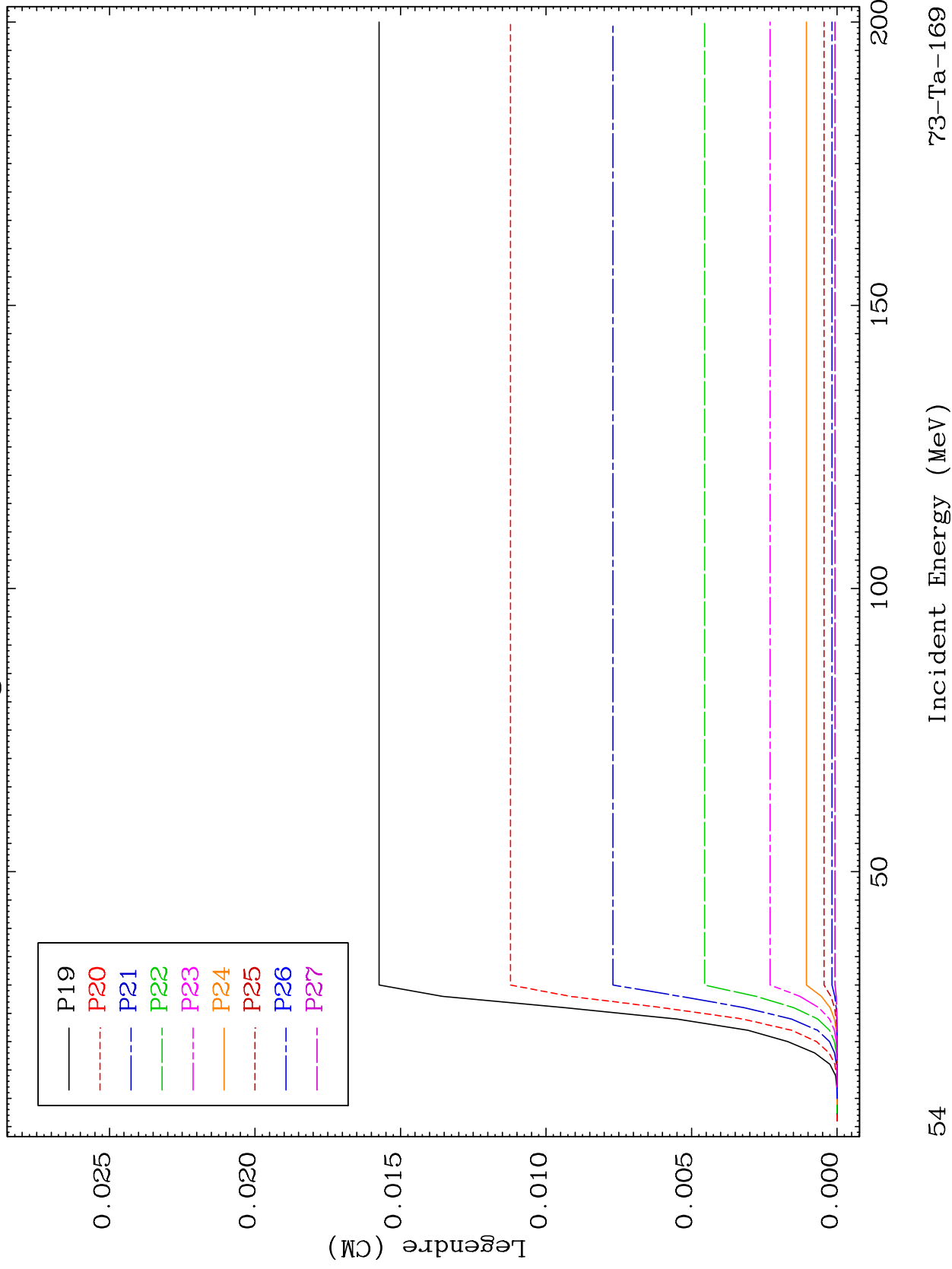
73-Ta-169



53

Incident Energy (MeV)

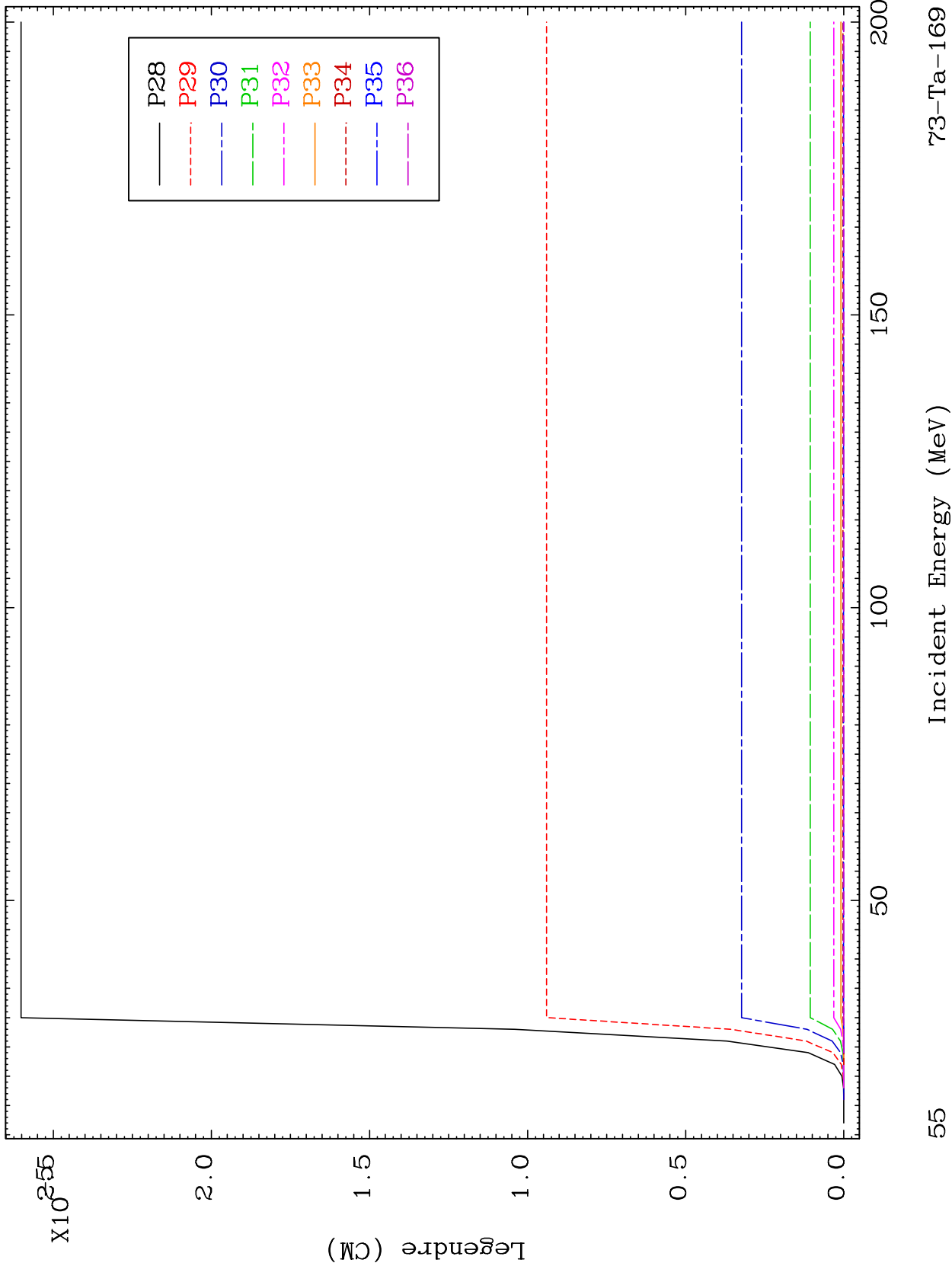
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MAT 7292

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

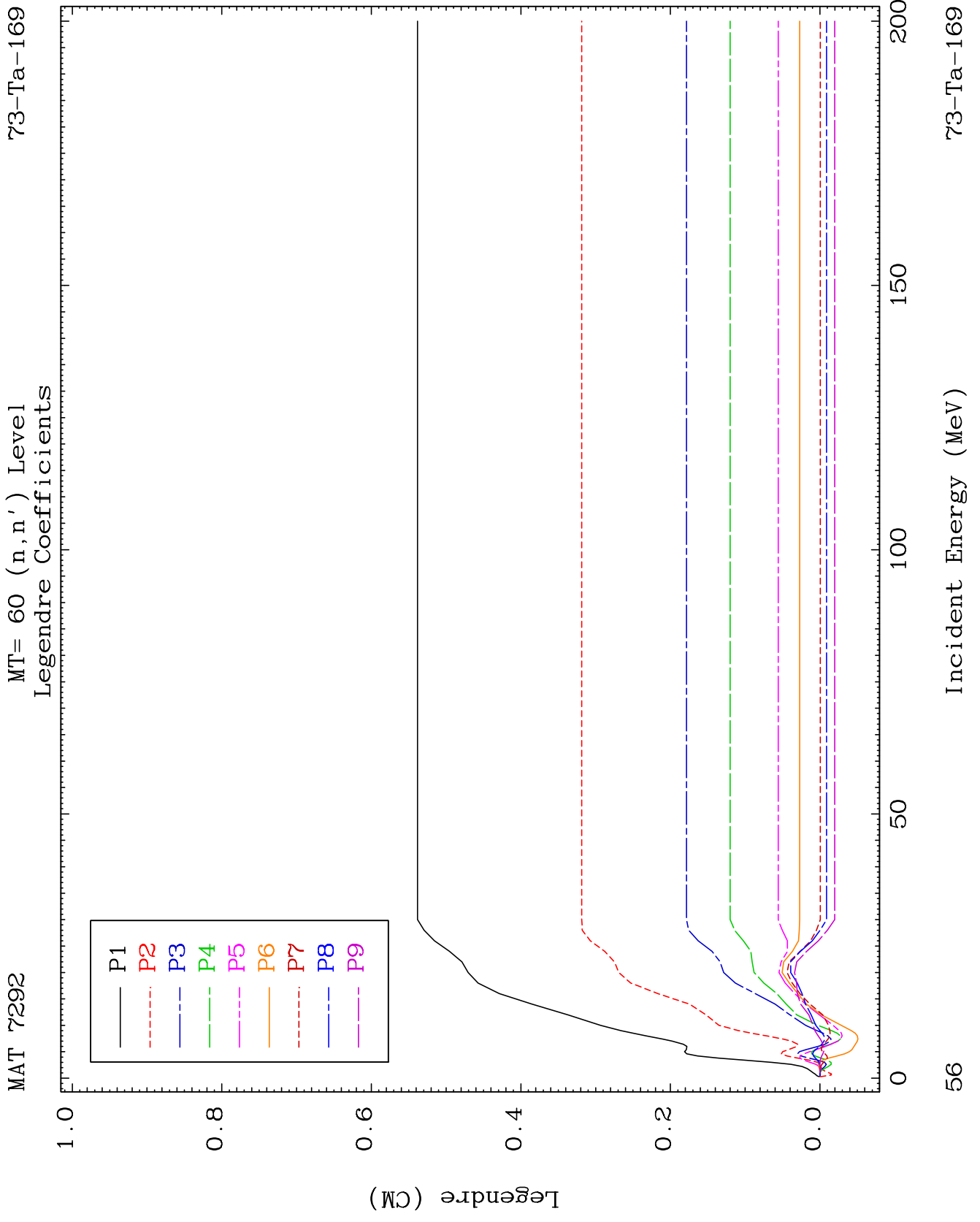
73-Ta-169



55

Incident Energy (MeV)

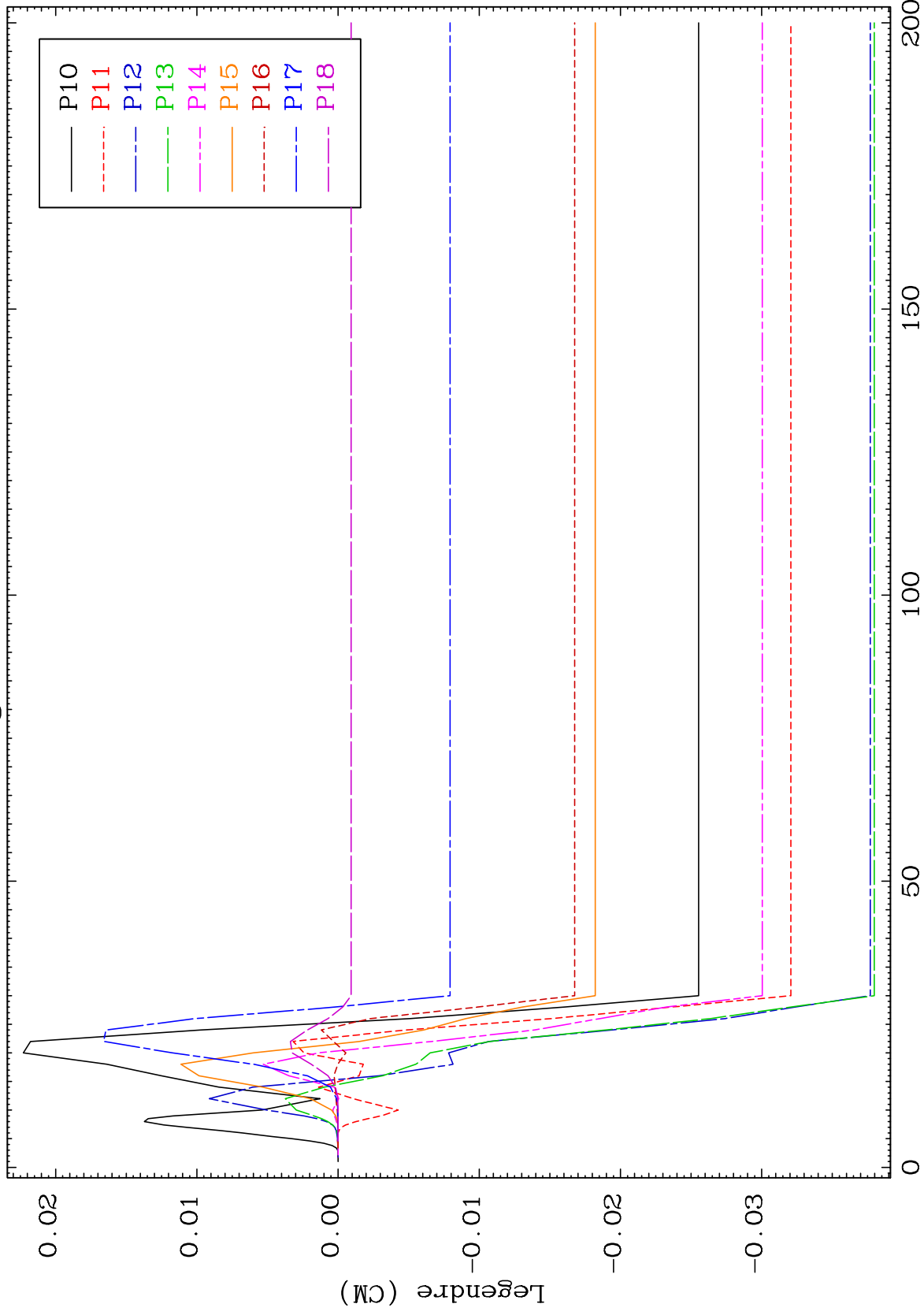
73-Ta-169



MAT 7292

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

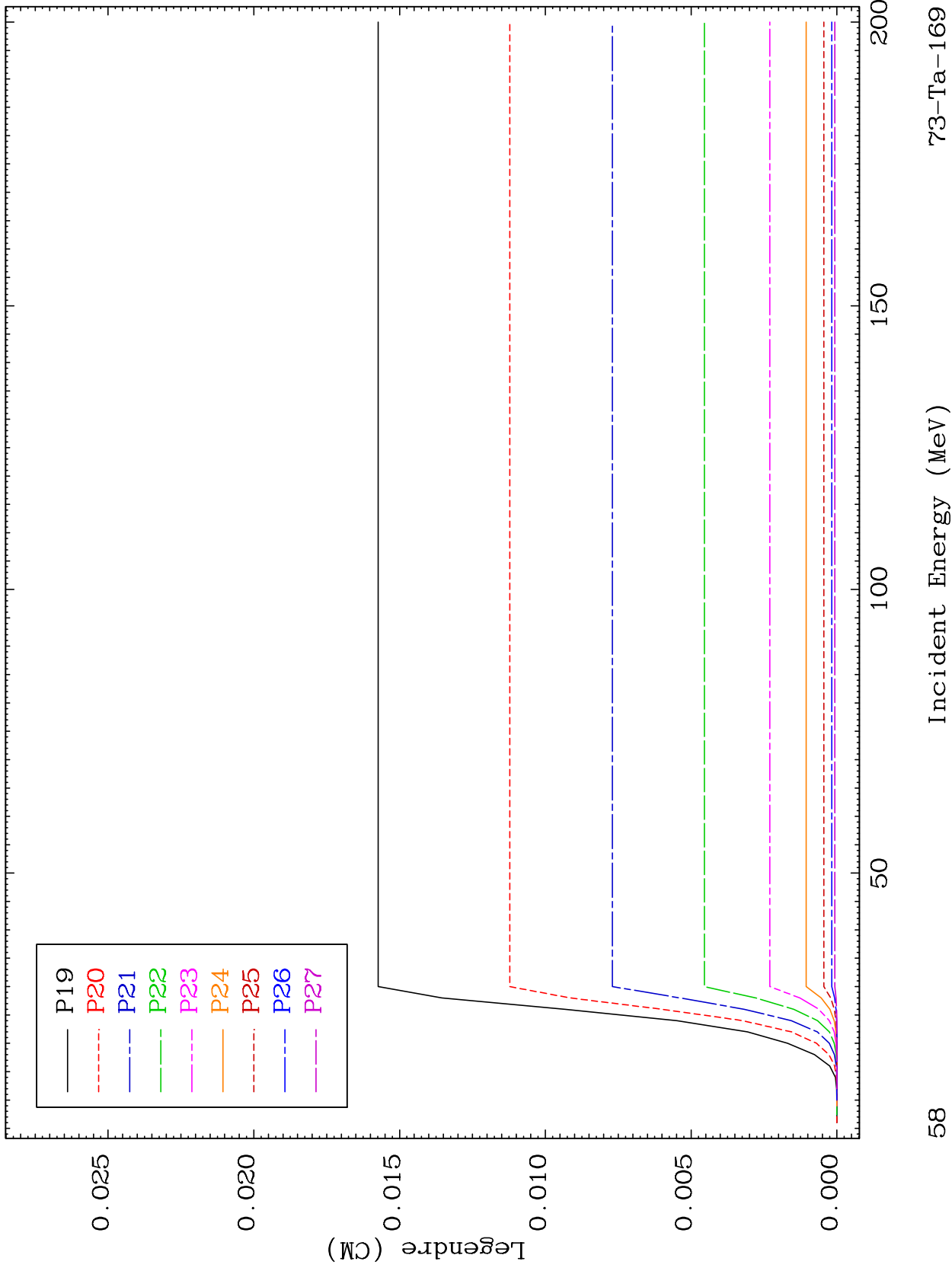
73-Ta-169



57

Incident Energy (MeV)

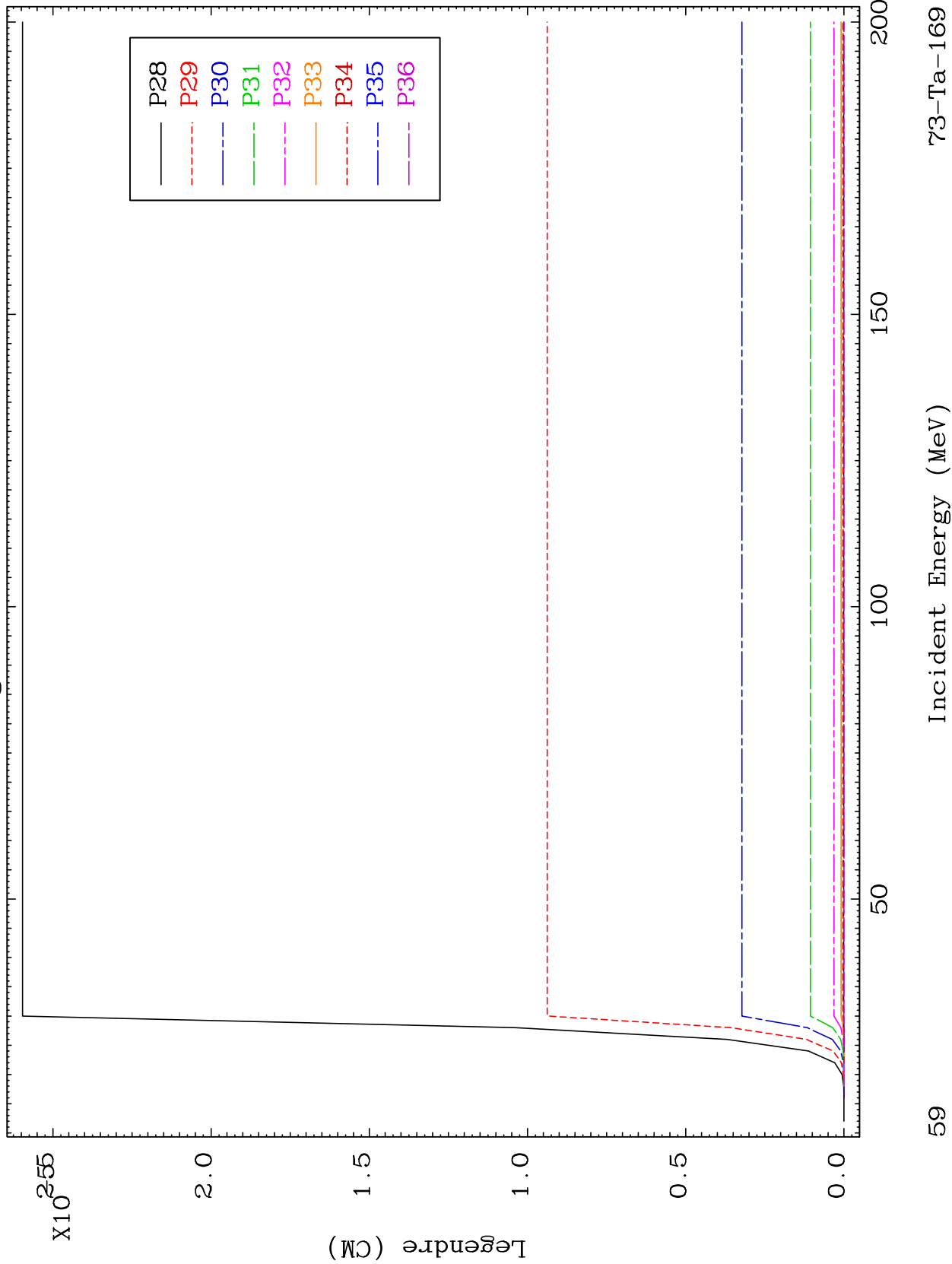
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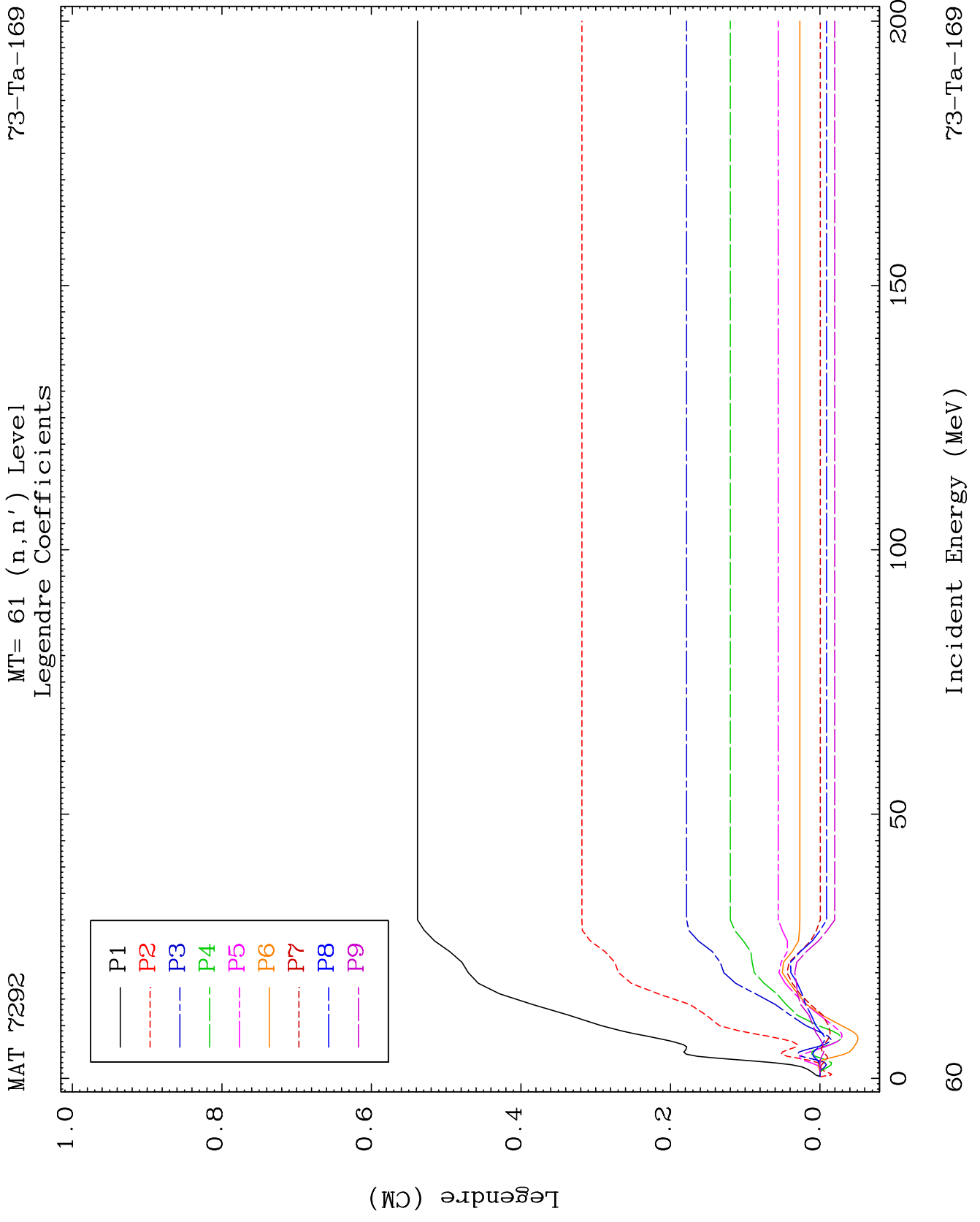
MAT 7292

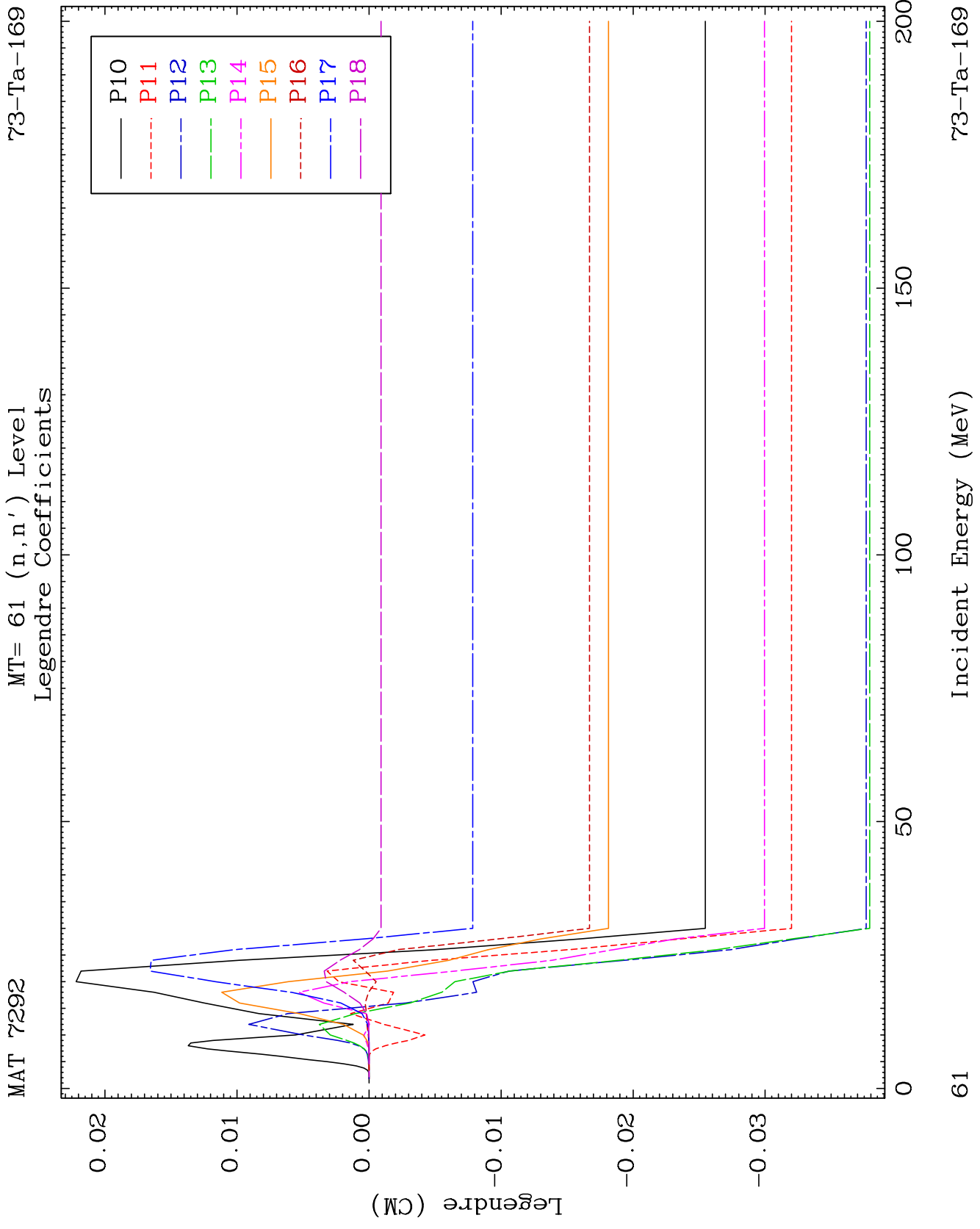
MT= 60 (n,n') Level
Legendre Coefficients

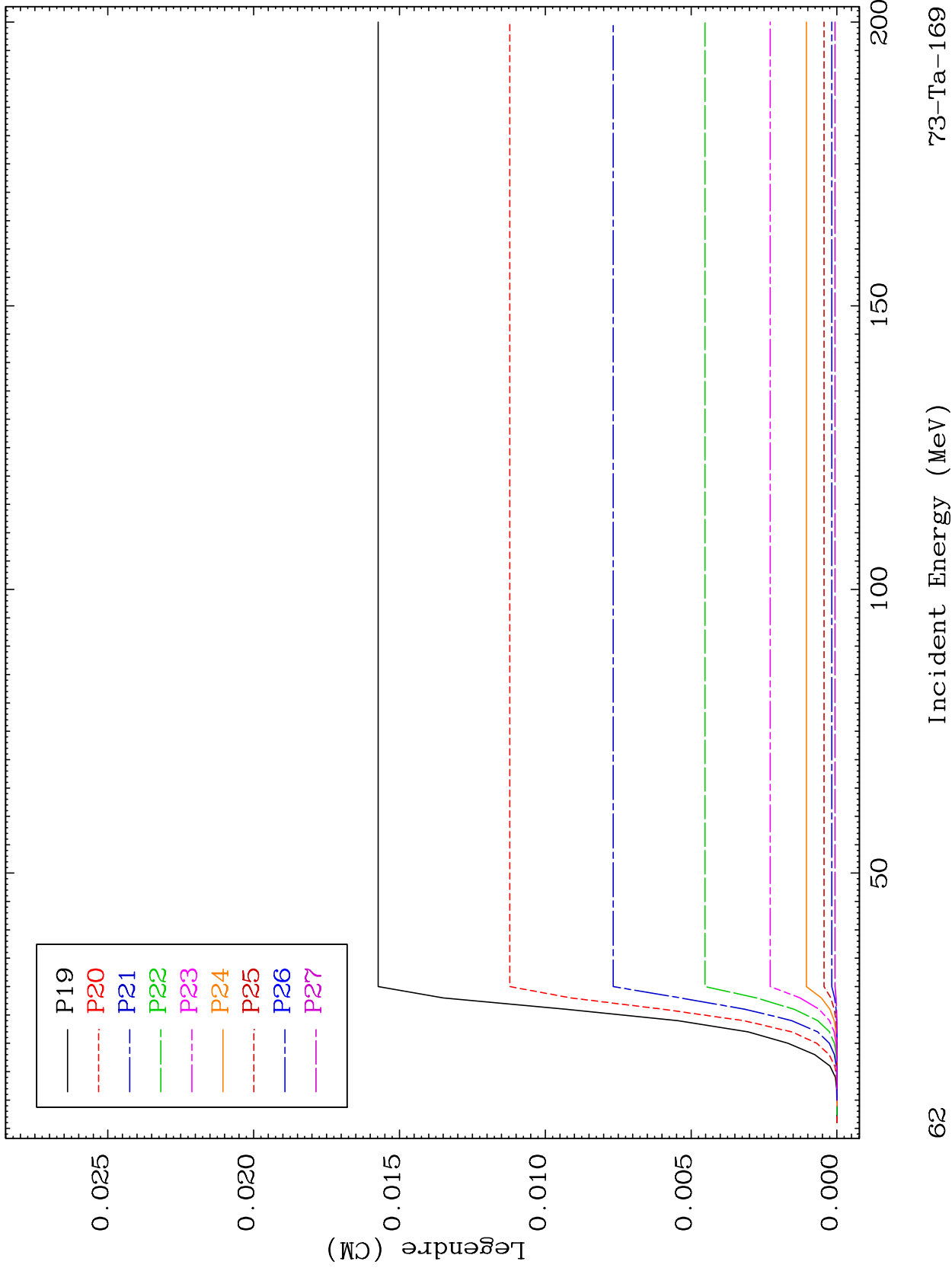
73-Ta-169



59



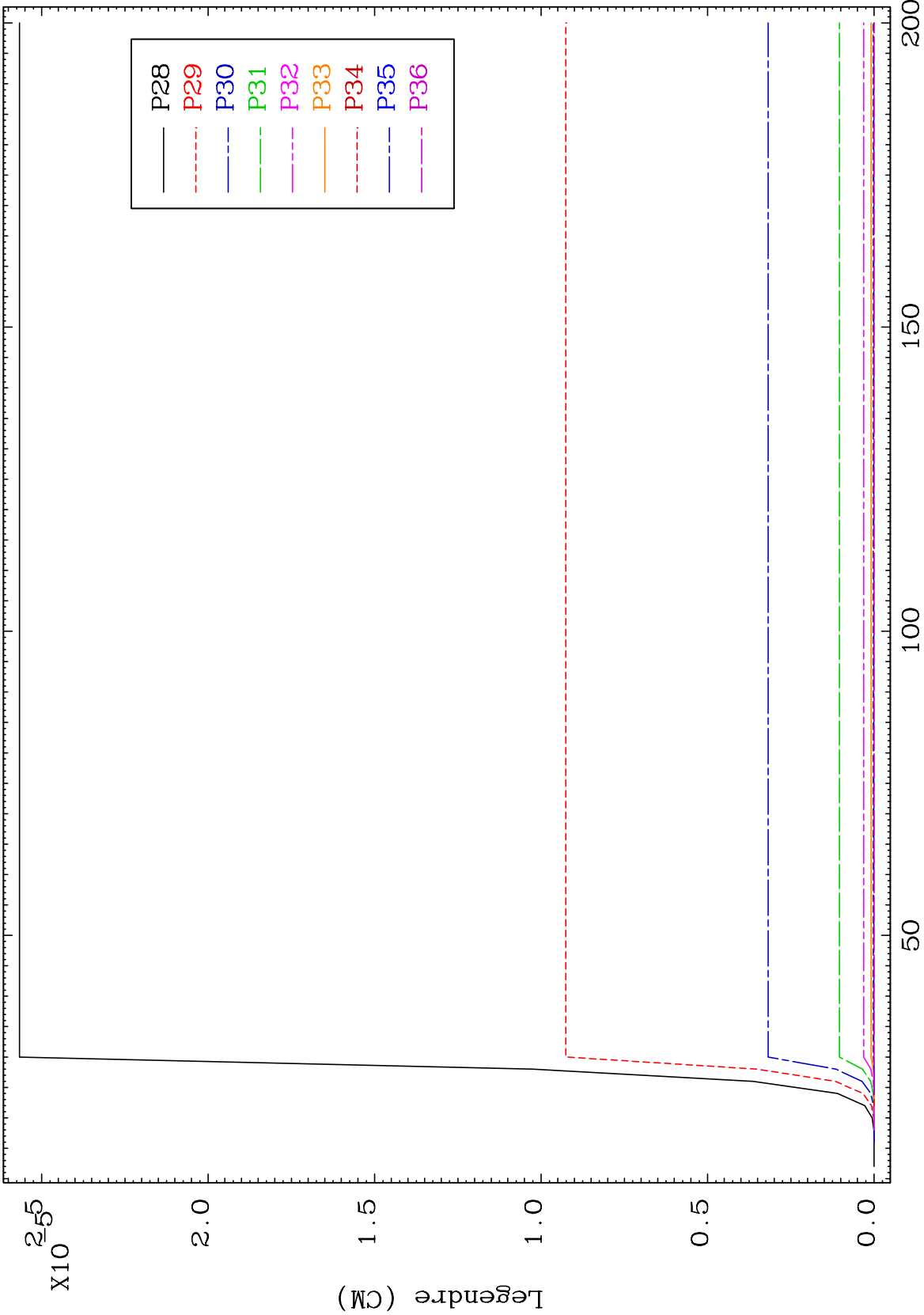




MAT 7292

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

73-Ta-169



63

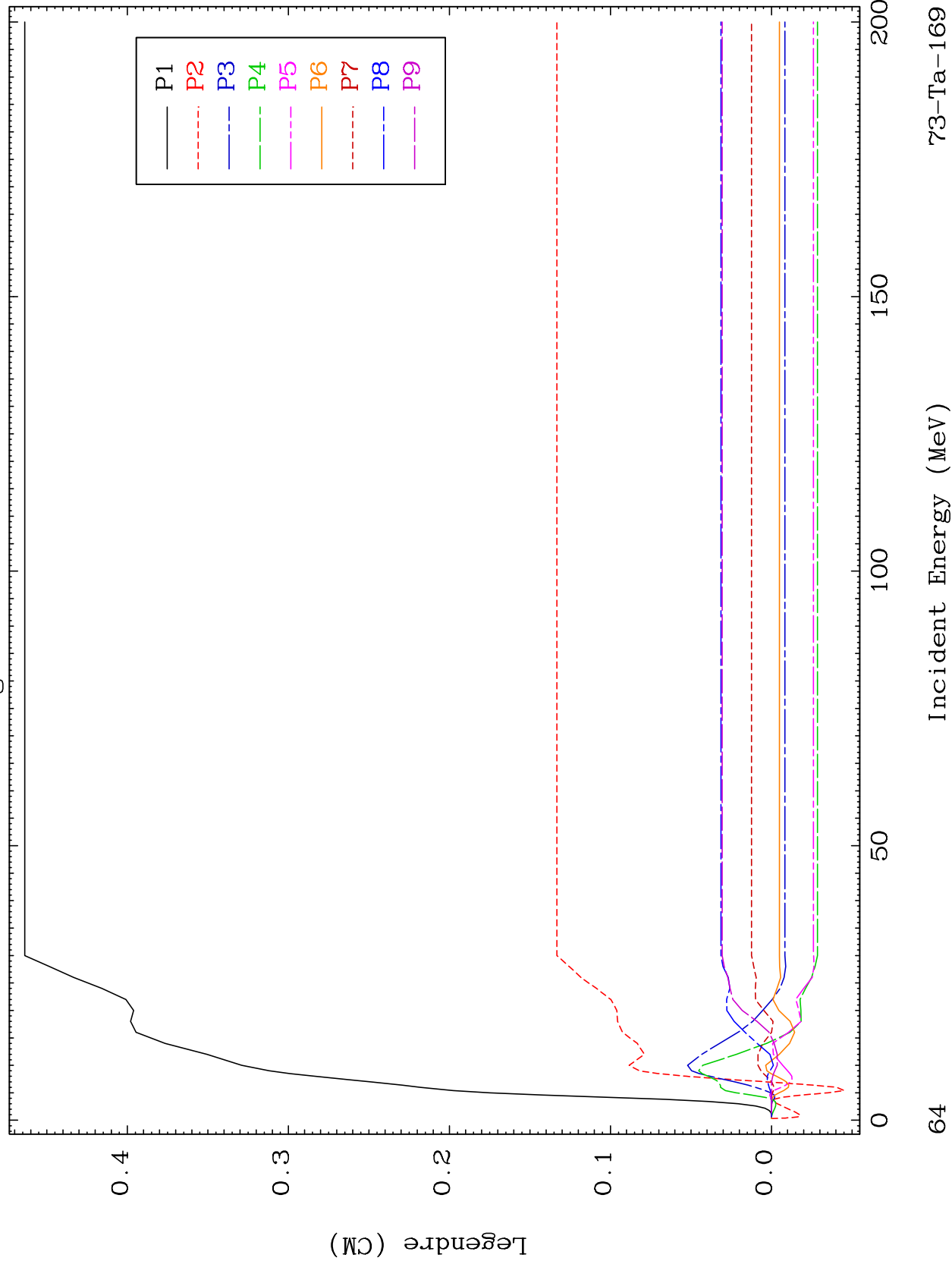
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



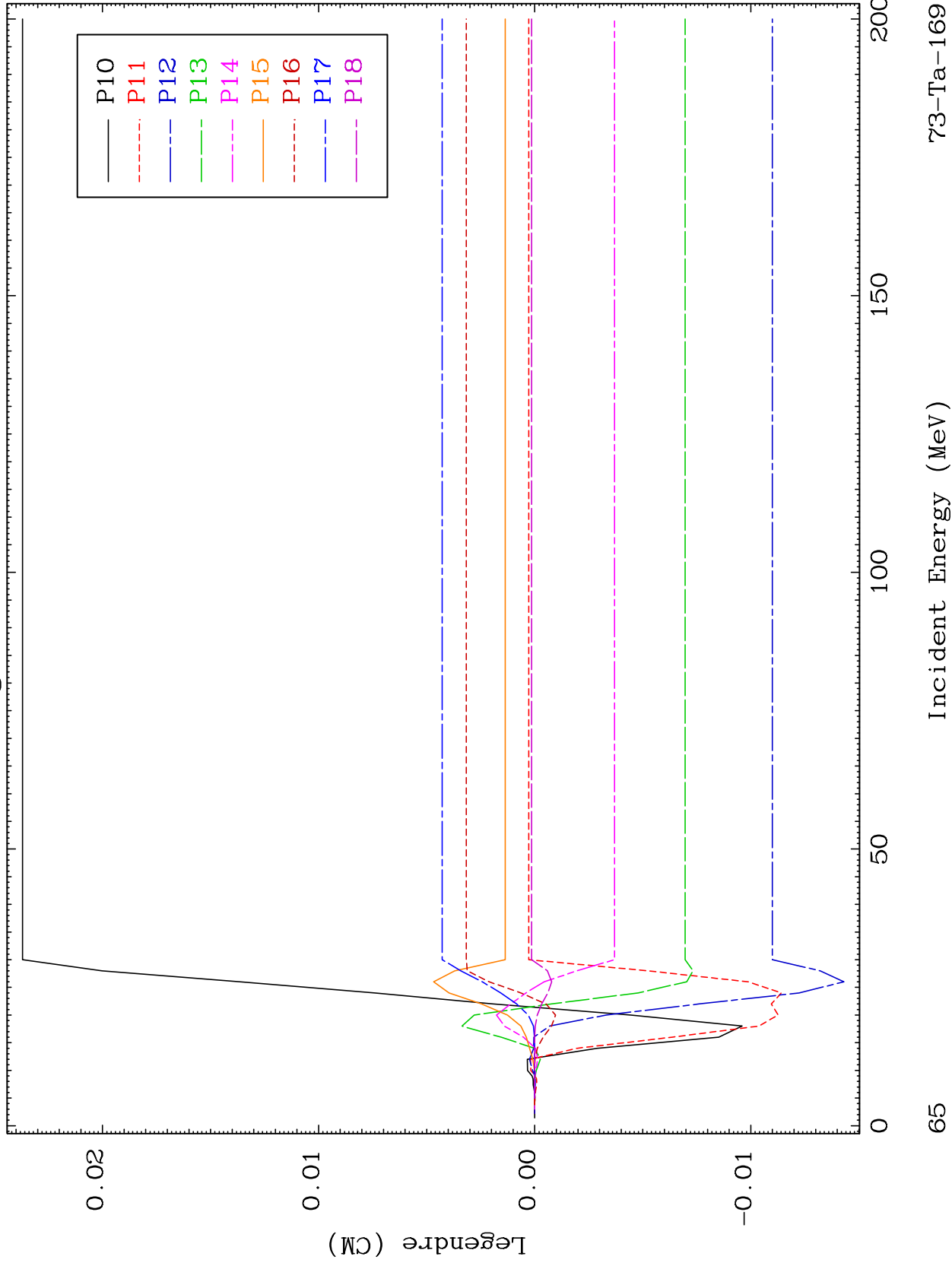
64

73-Ta-169

MAT 7292

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

73-Ta-169



73-Ta-169

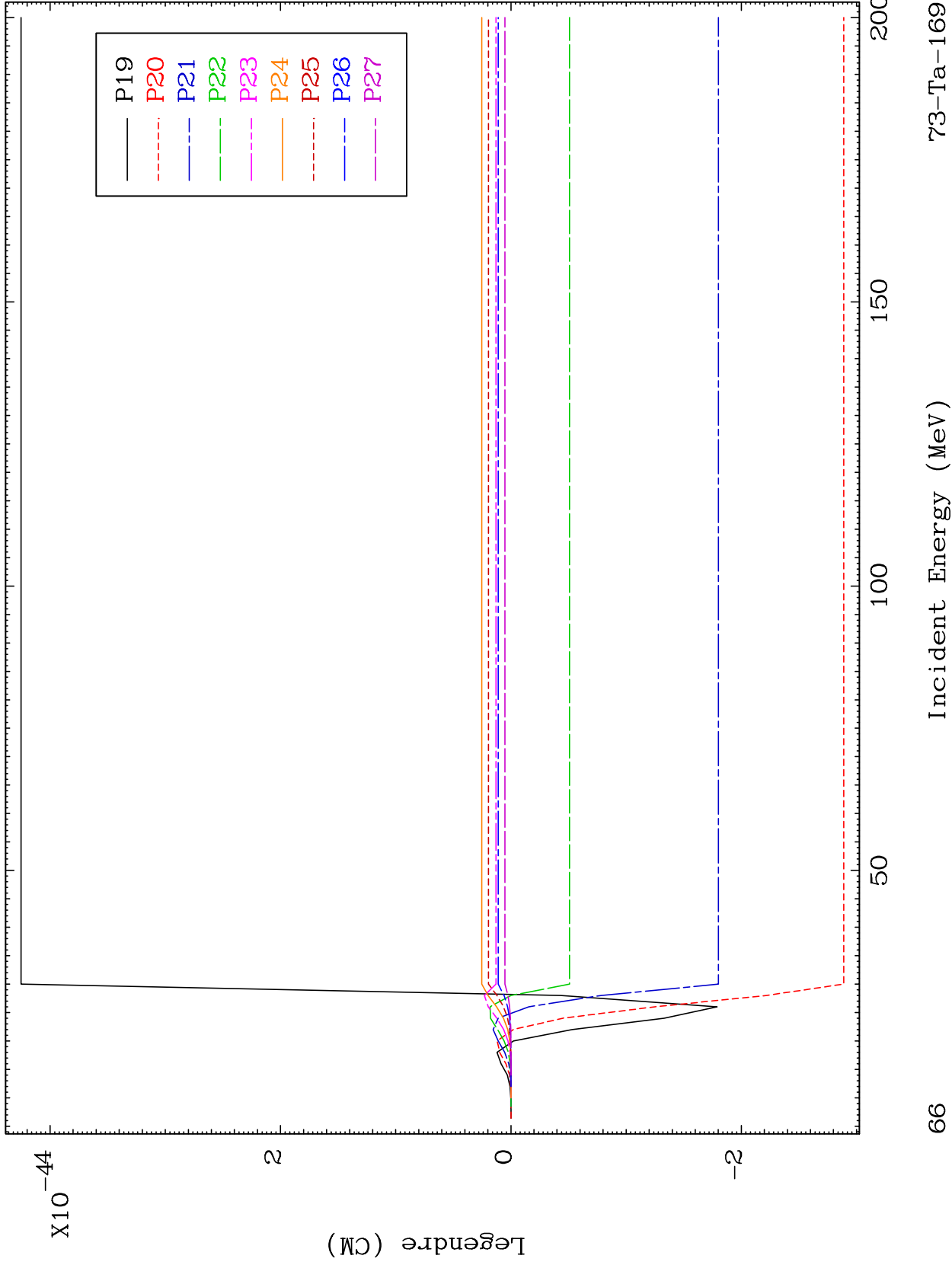
Incident Energy (MeV)

65

MAT 7292

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

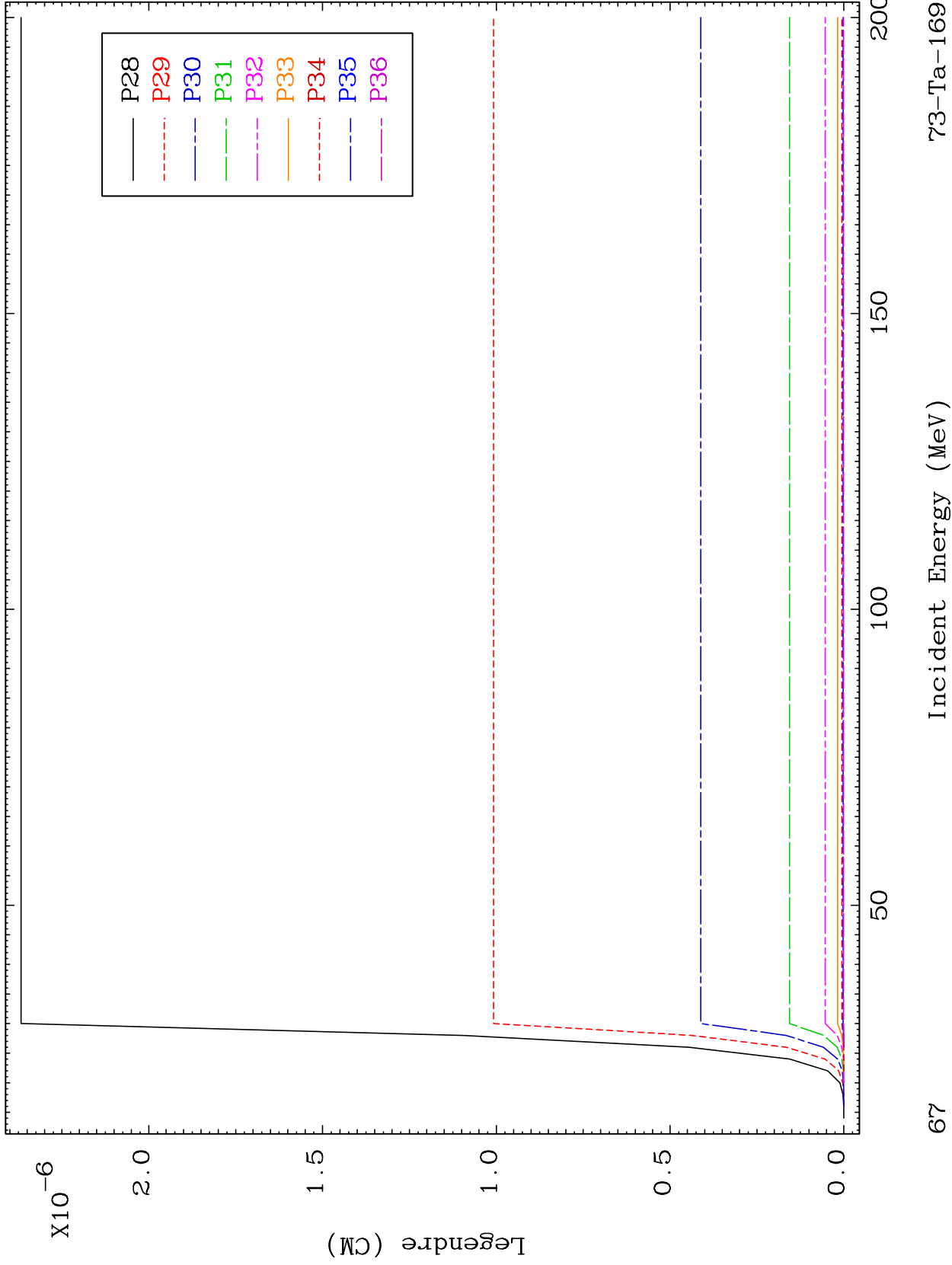
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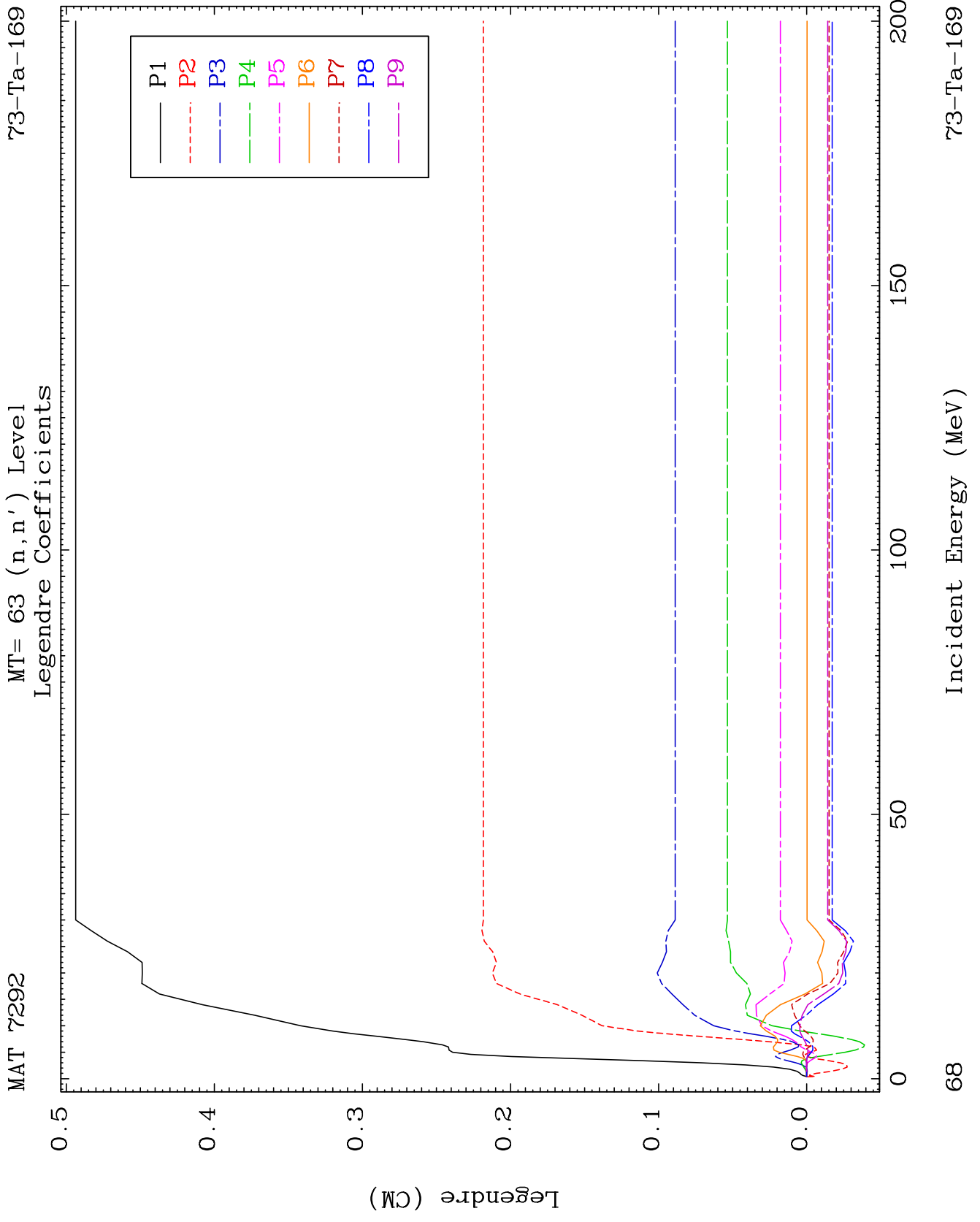


MAT 7292

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

73-Ta-169

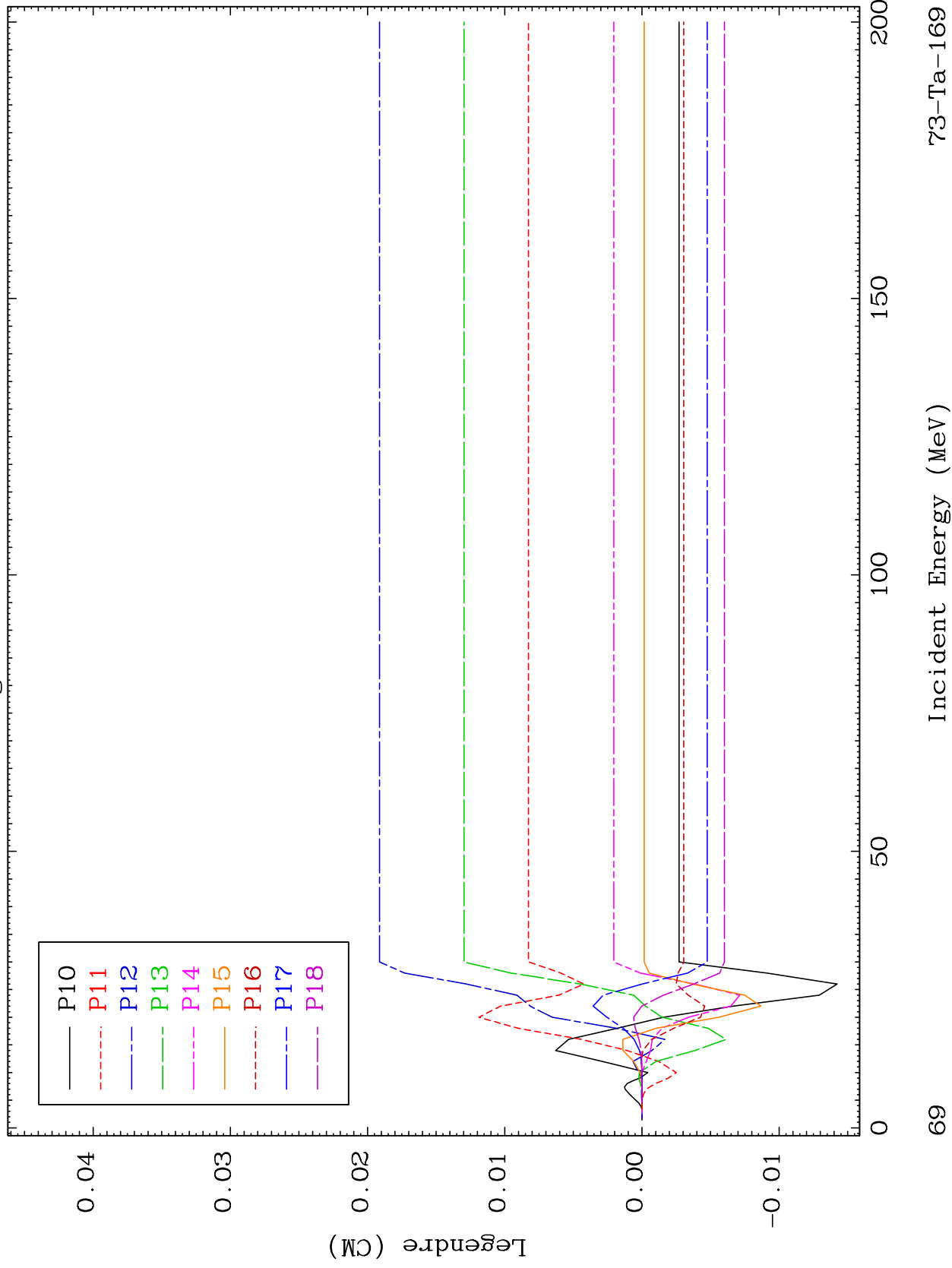




MAT 7292

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

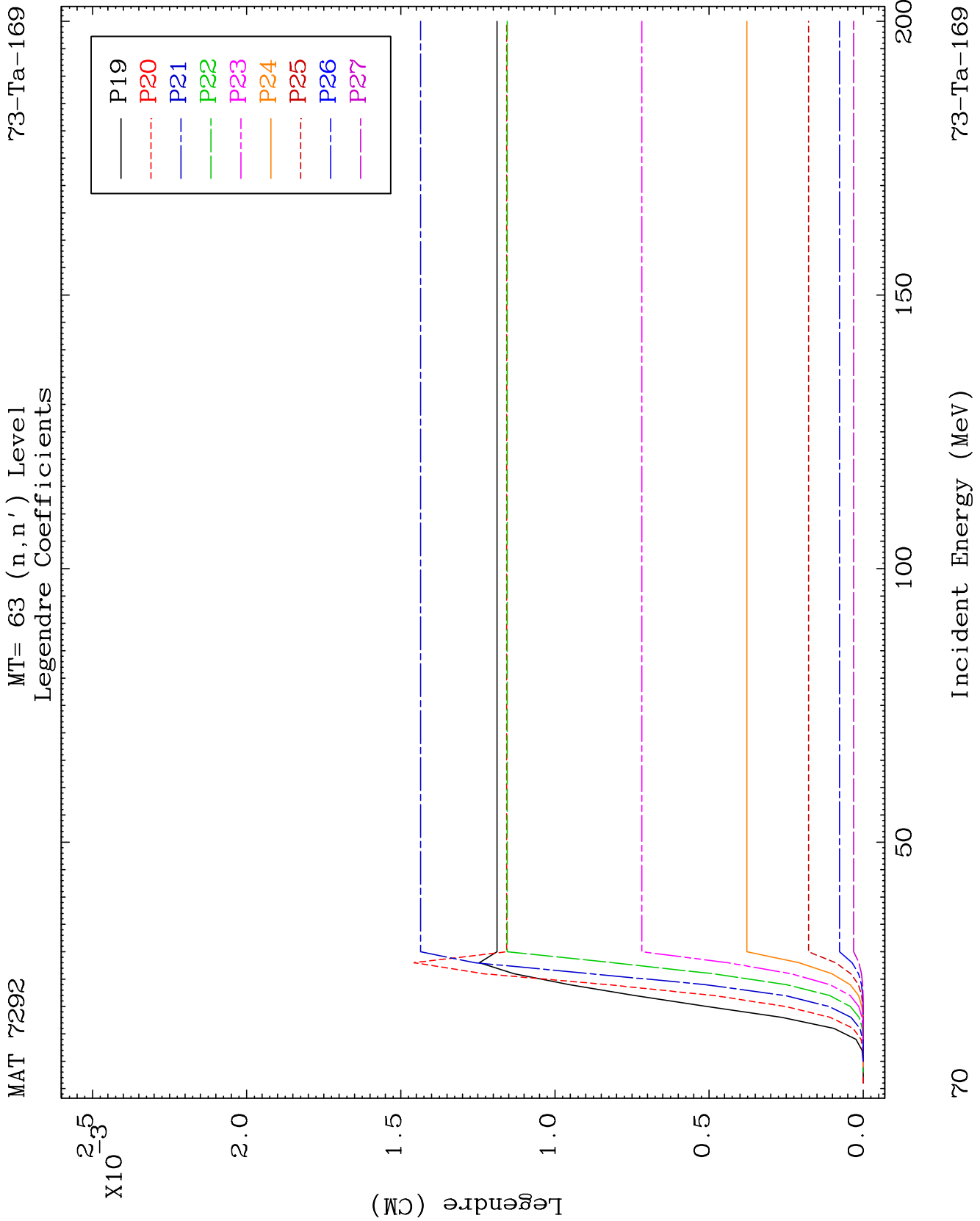
73-Ta-169



73-Ta-169

Incident Energy (MeV)

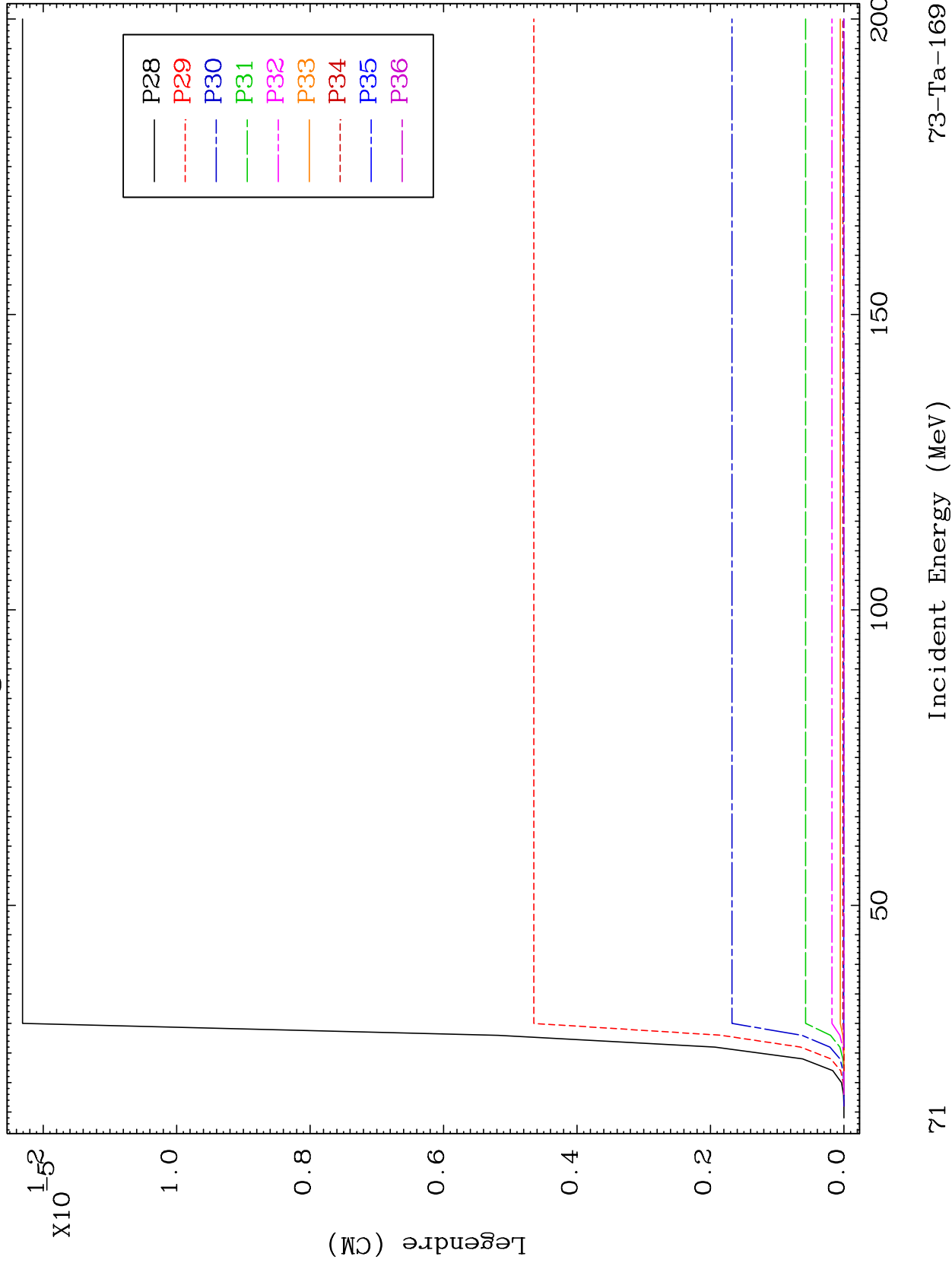
69



MAT 7292

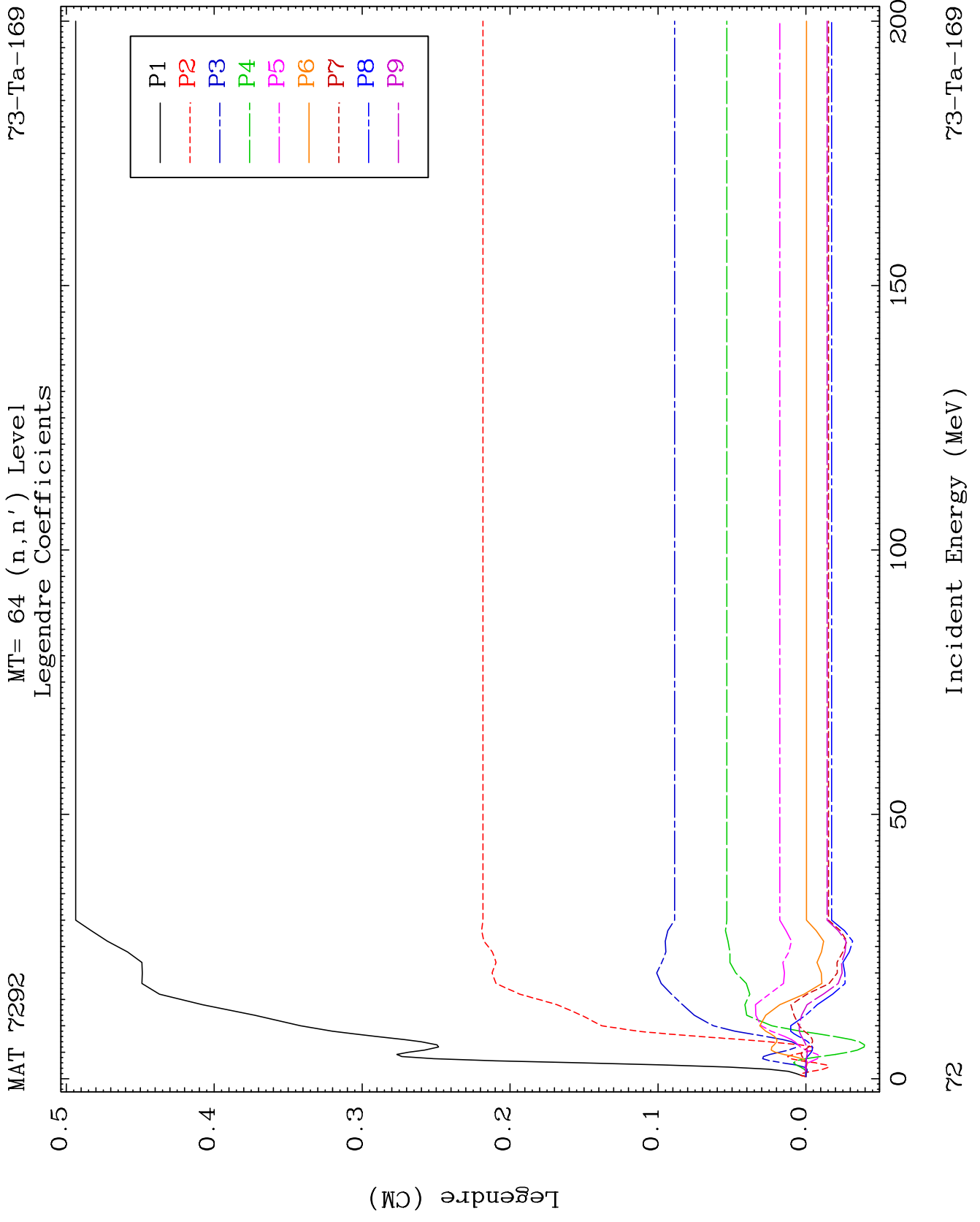
MT= 63 (n,n') Level
Legendre Coefficients

73-Ta-169



71

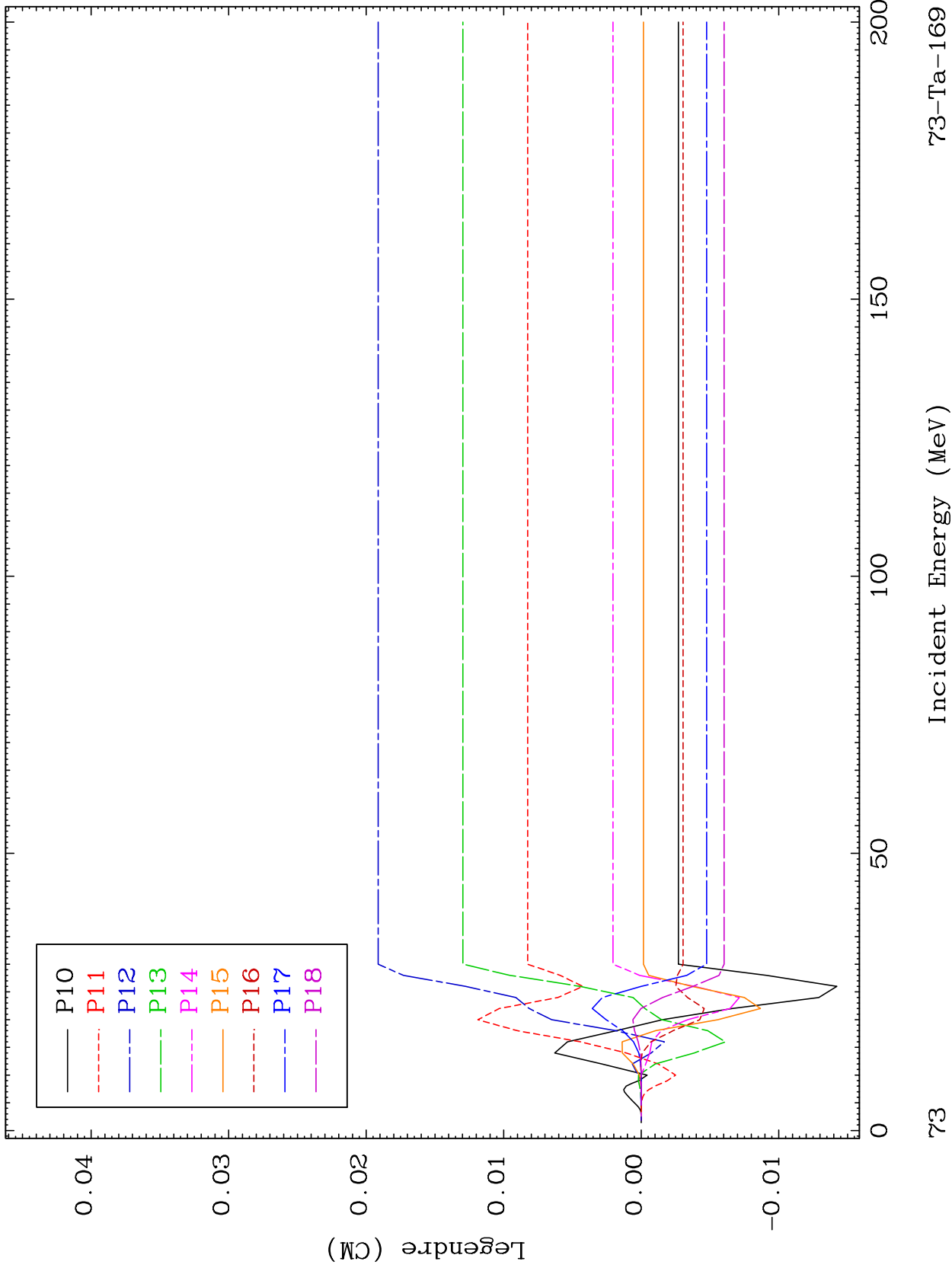
73-Ta-169



MAT 7292

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

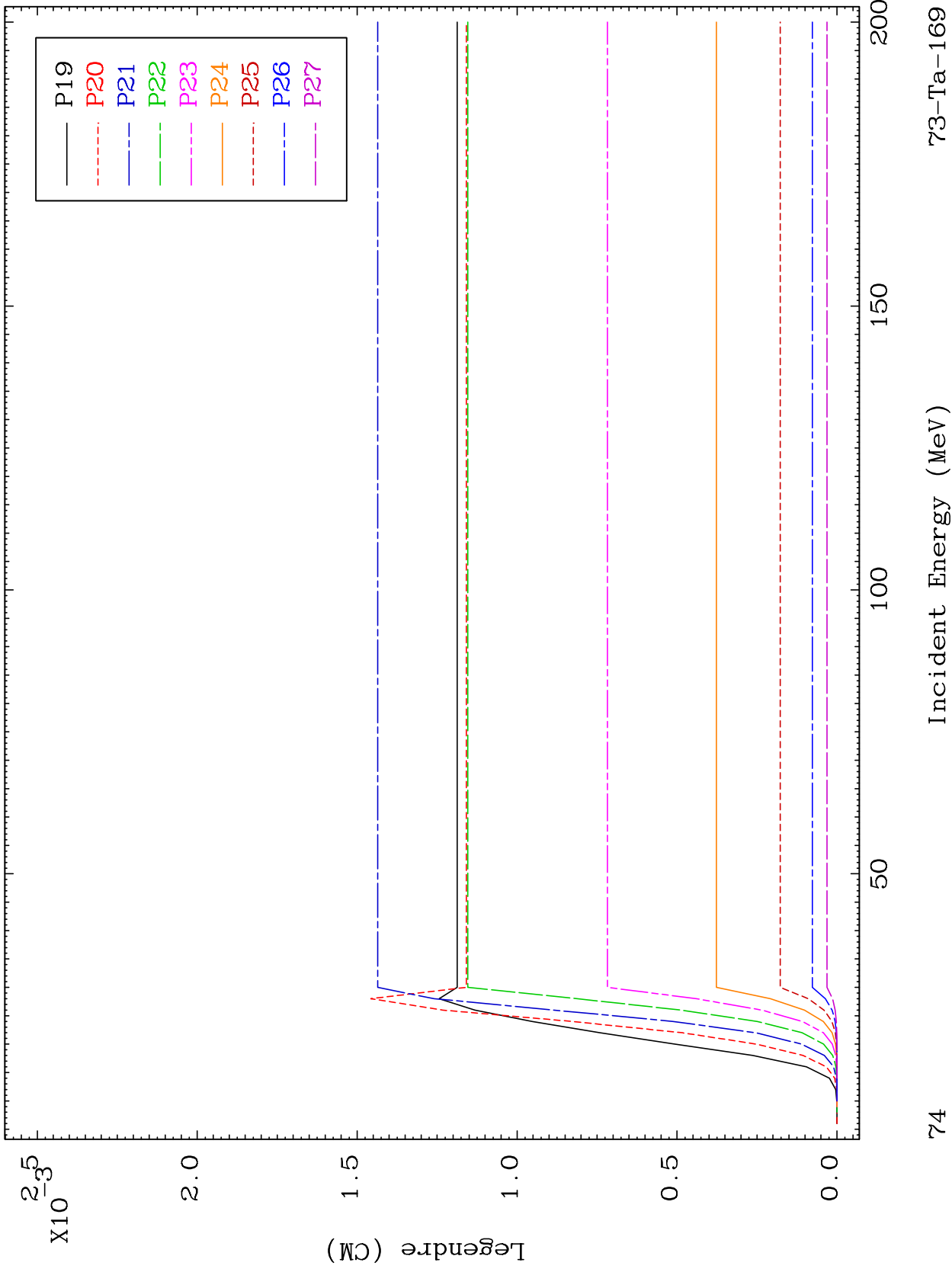
73-Ta-169



MAT 7292

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

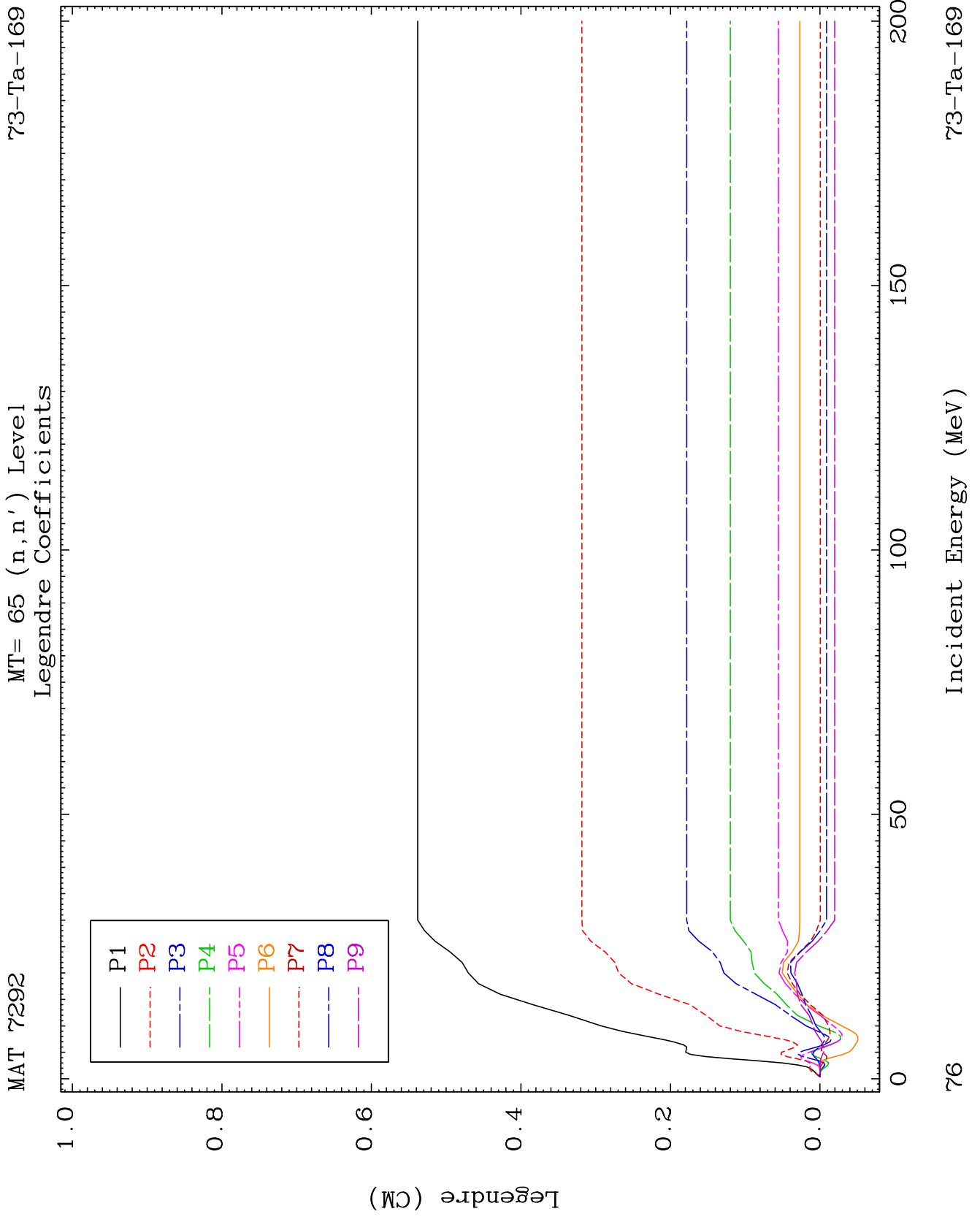
73-Ta-169



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Incident Energy (MeV)

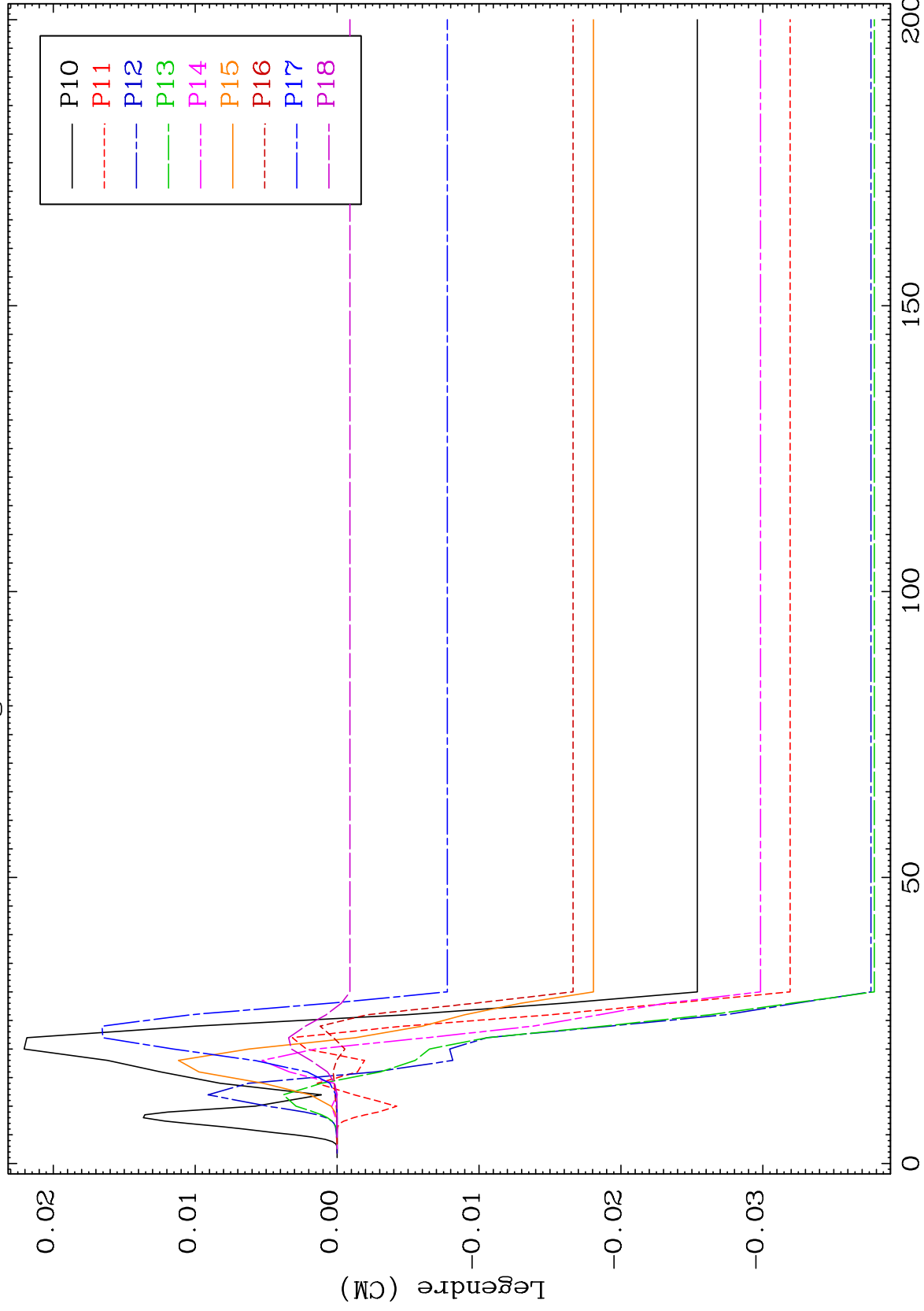
73-Ta-169



MAT 7292

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

73-Ta-169



77

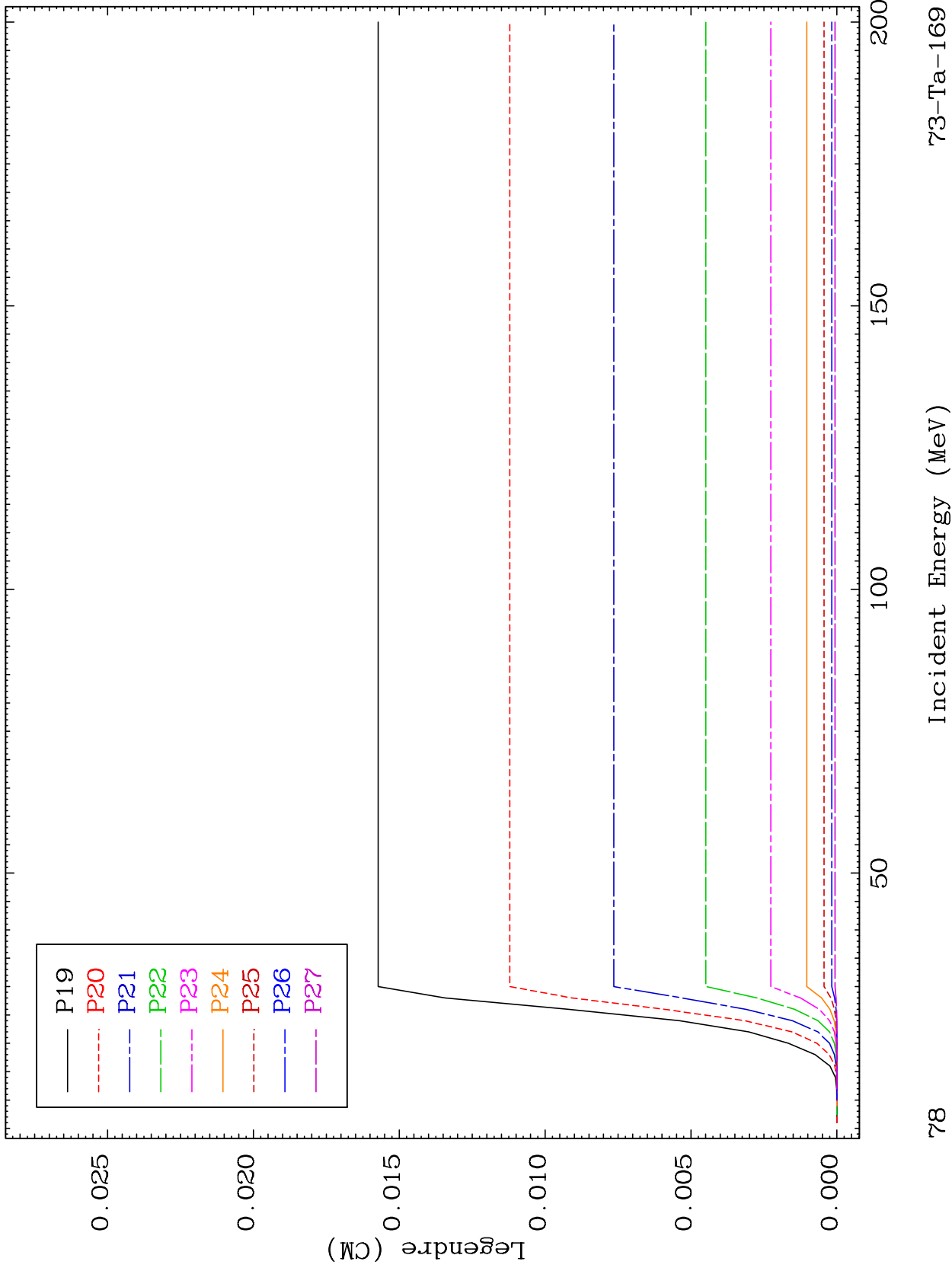
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



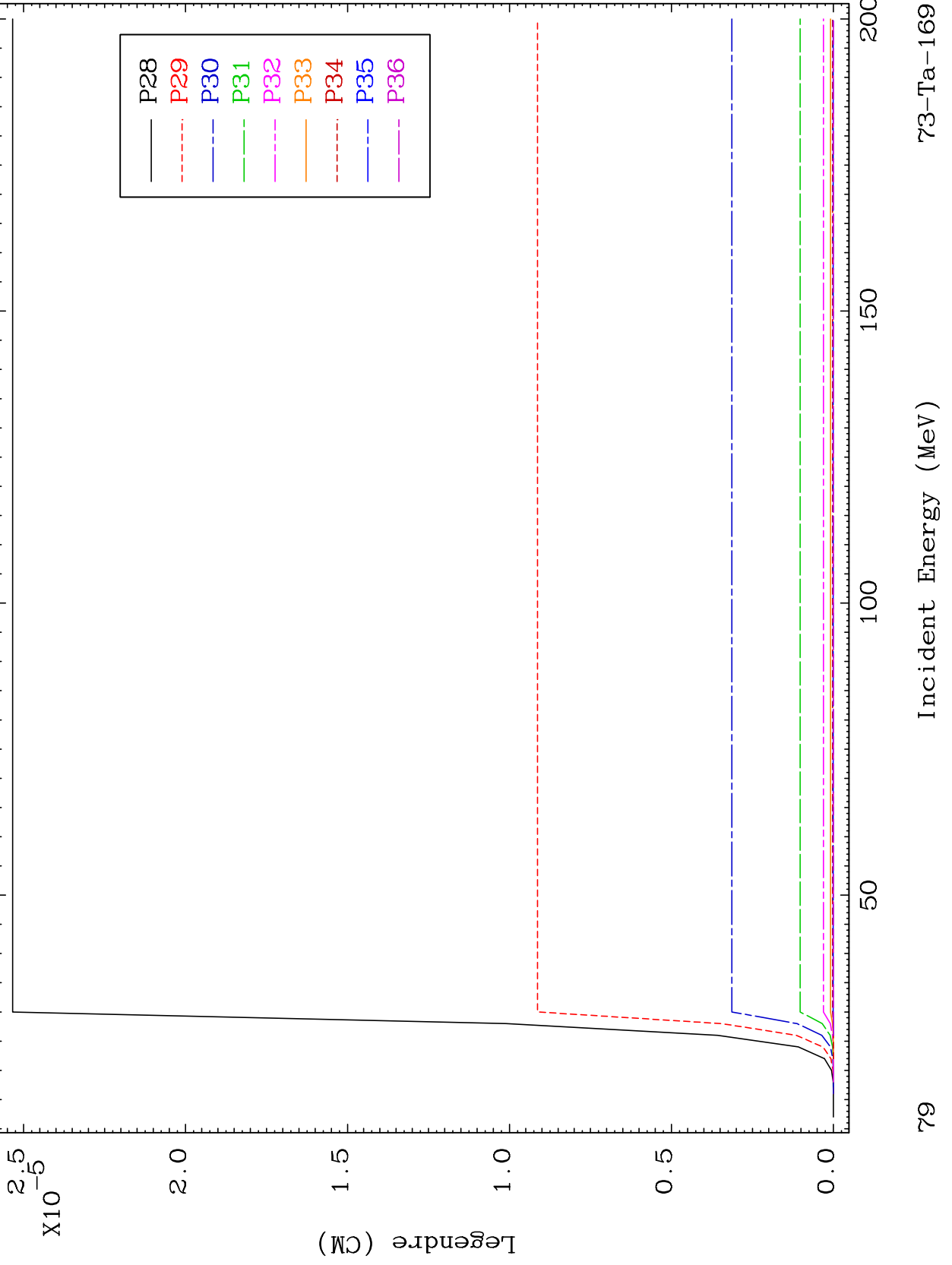
78

73-Ta-169

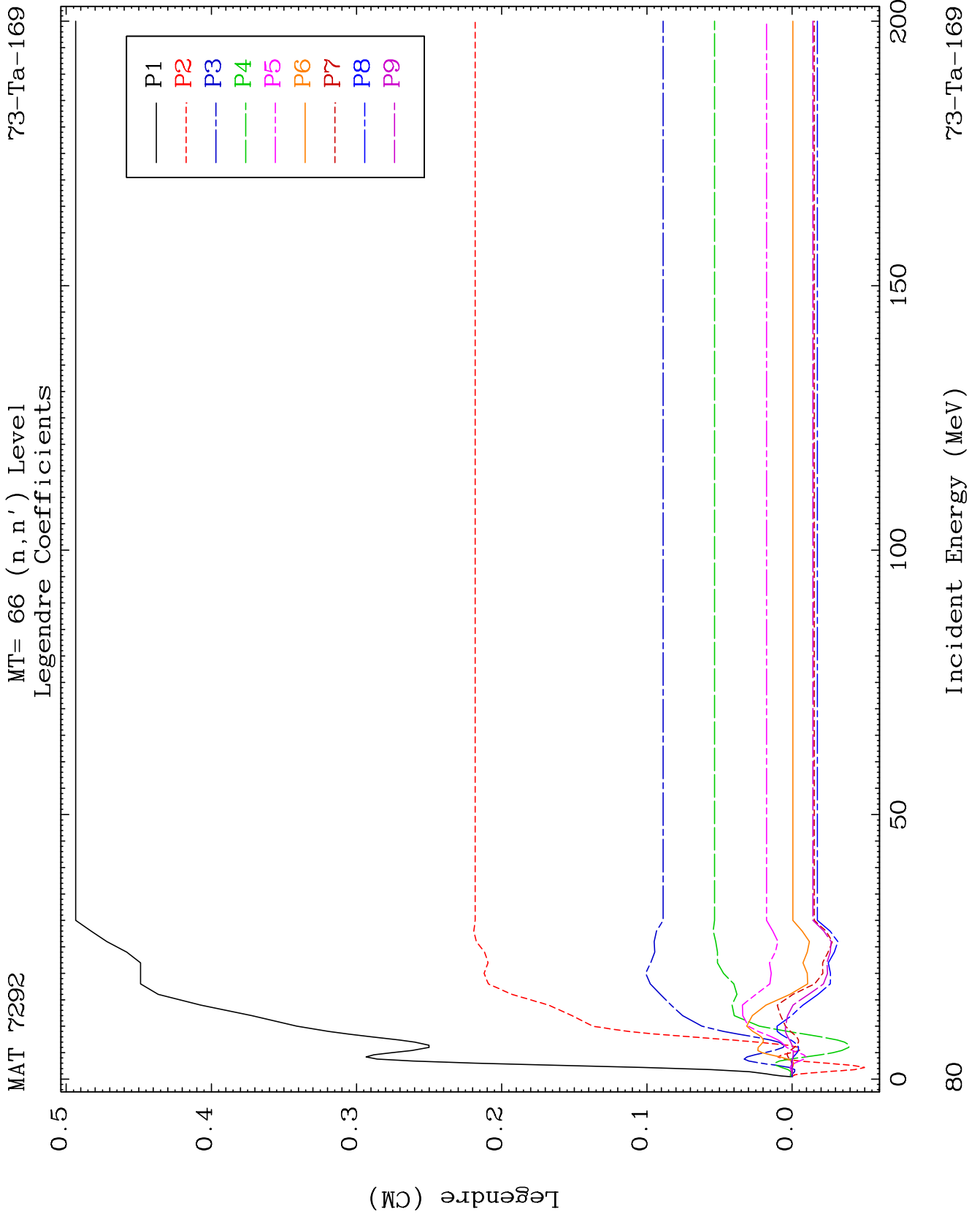
MAT 7292

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

73-Ta-169



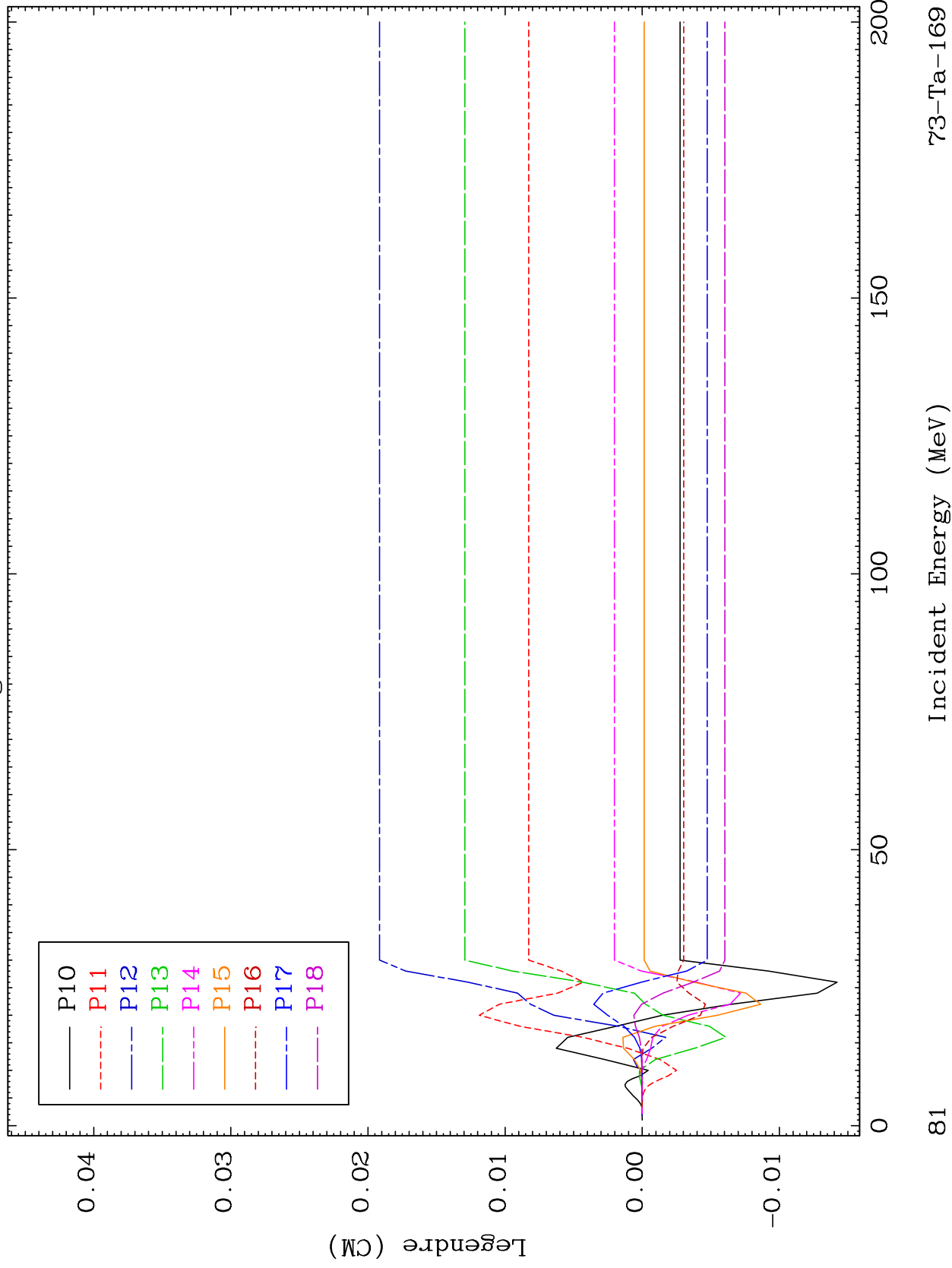
79



MAT 7292

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

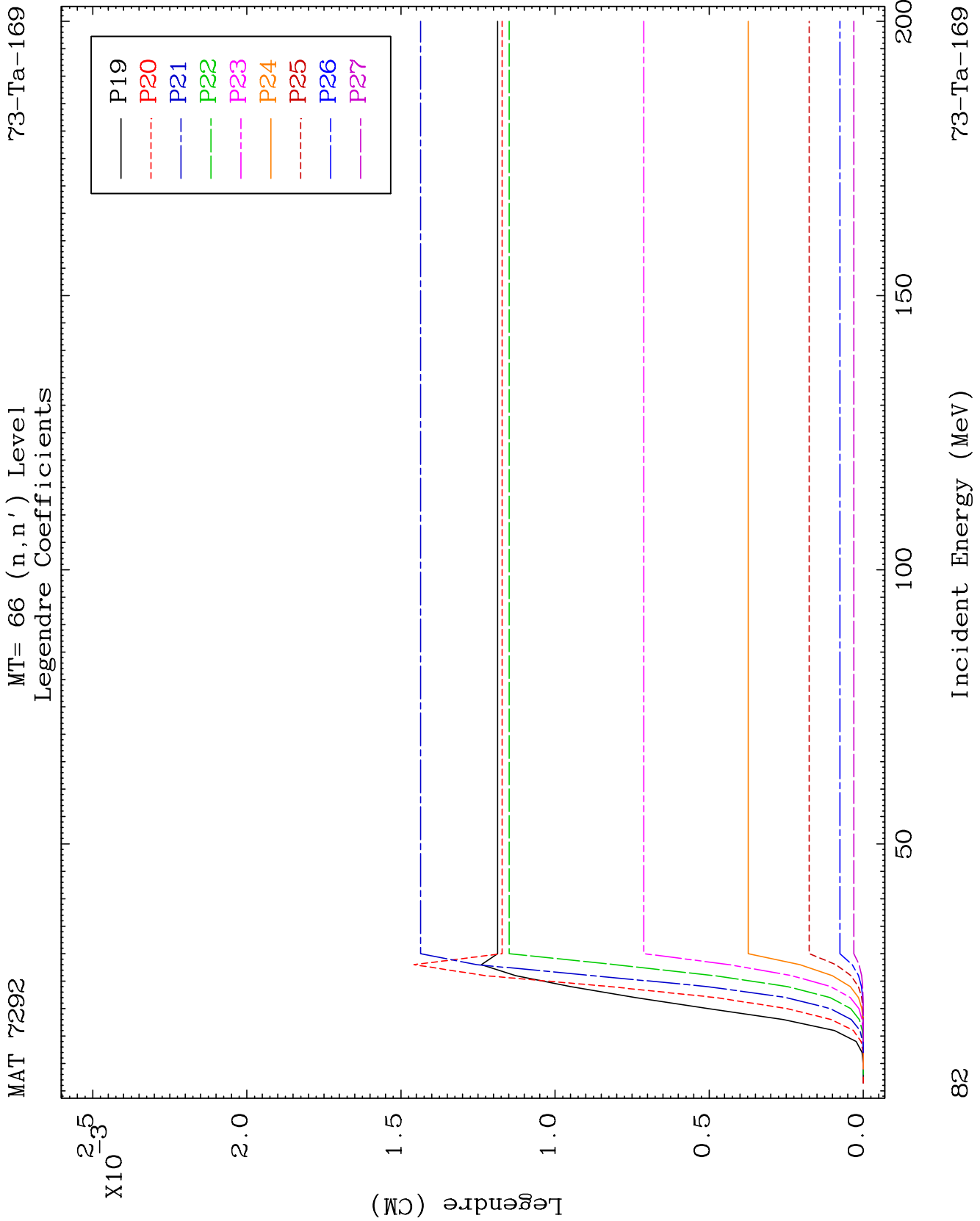
73-Ta-169



81

Incident Energy (MeV)

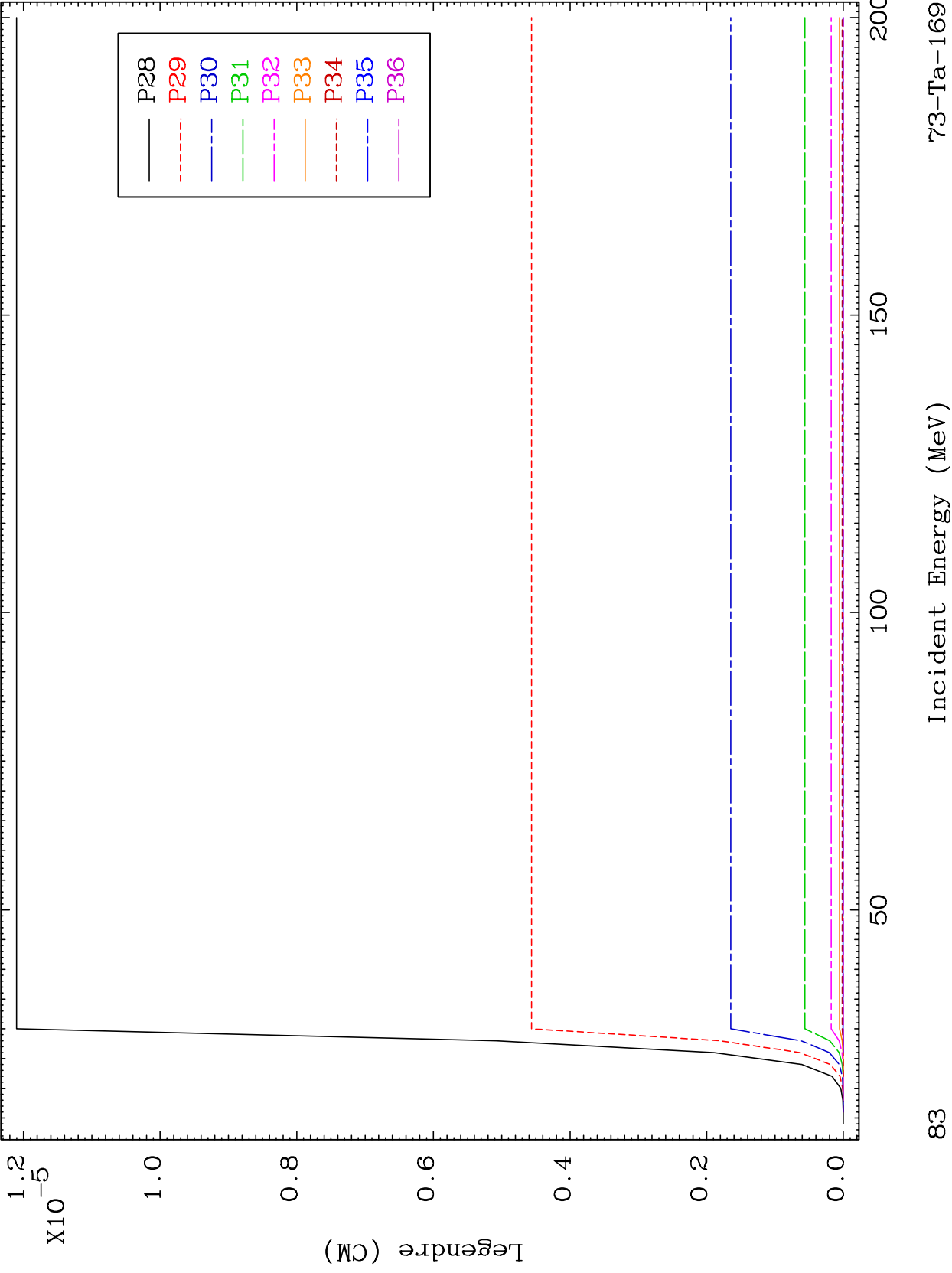
73-Ta-169



MAT 7292

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

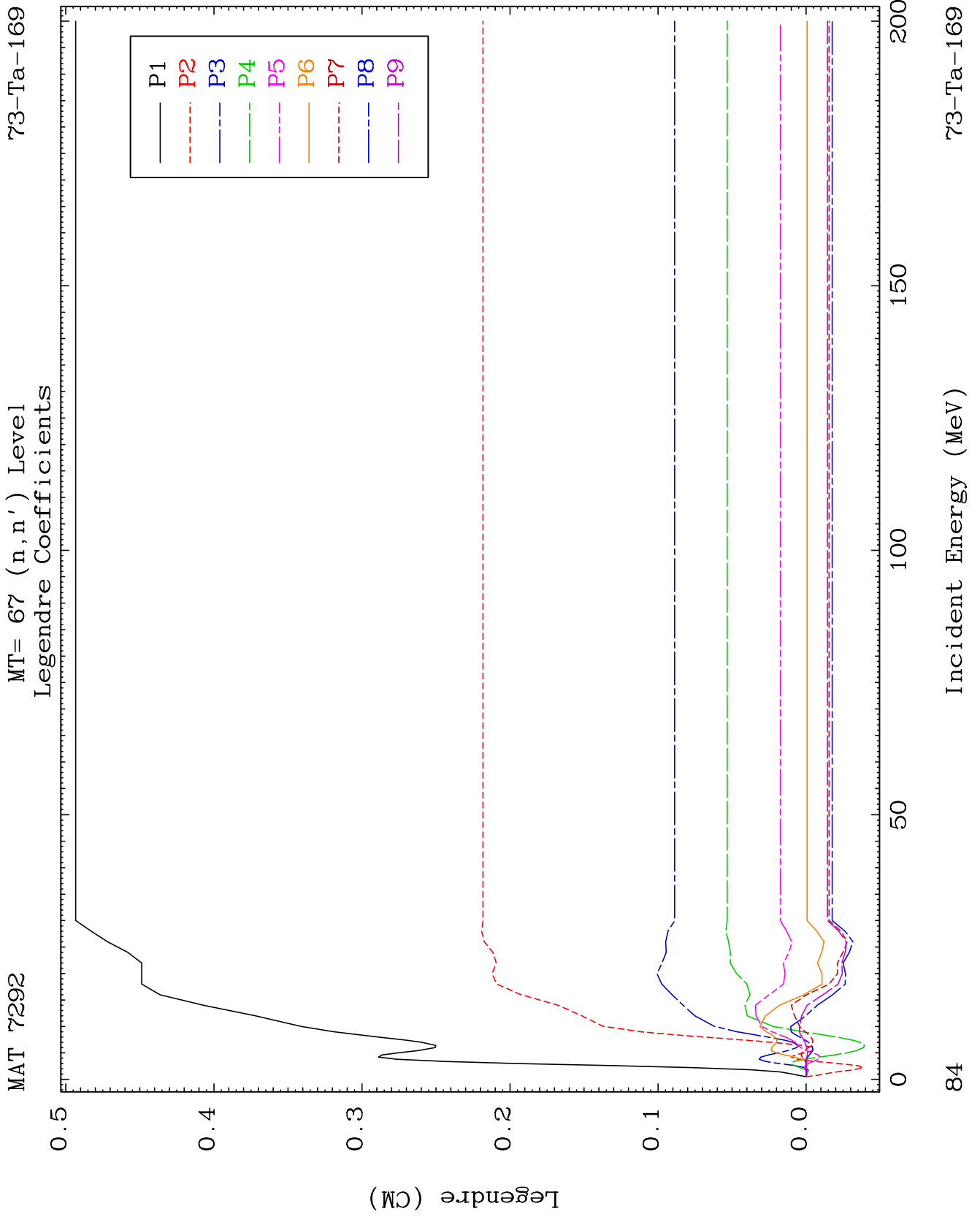
73-Ta-169



83

Incident Energy (MeV)

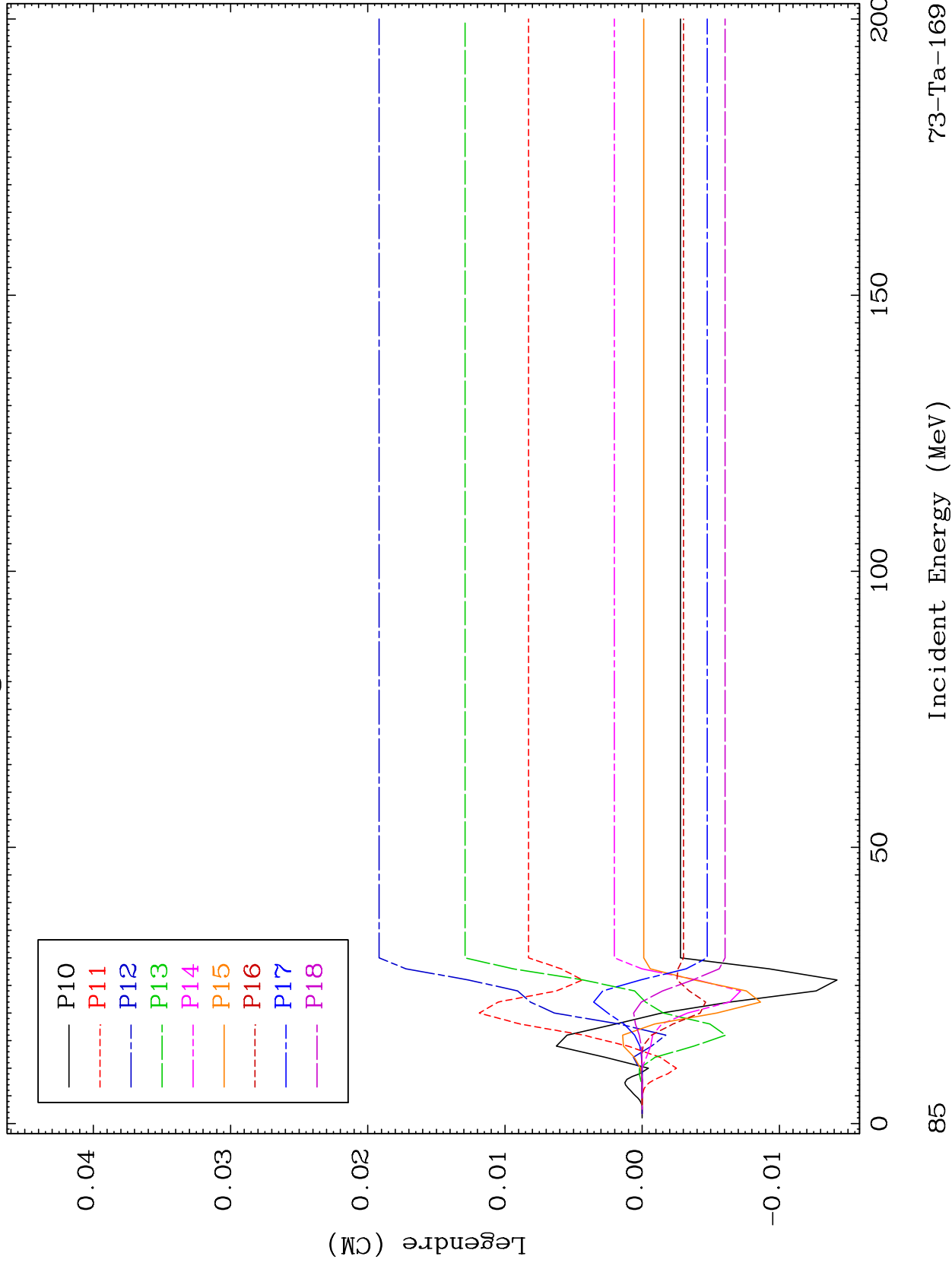
73-Ta-169



MAT 7292

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

73-Ta-169



73-Ta-169

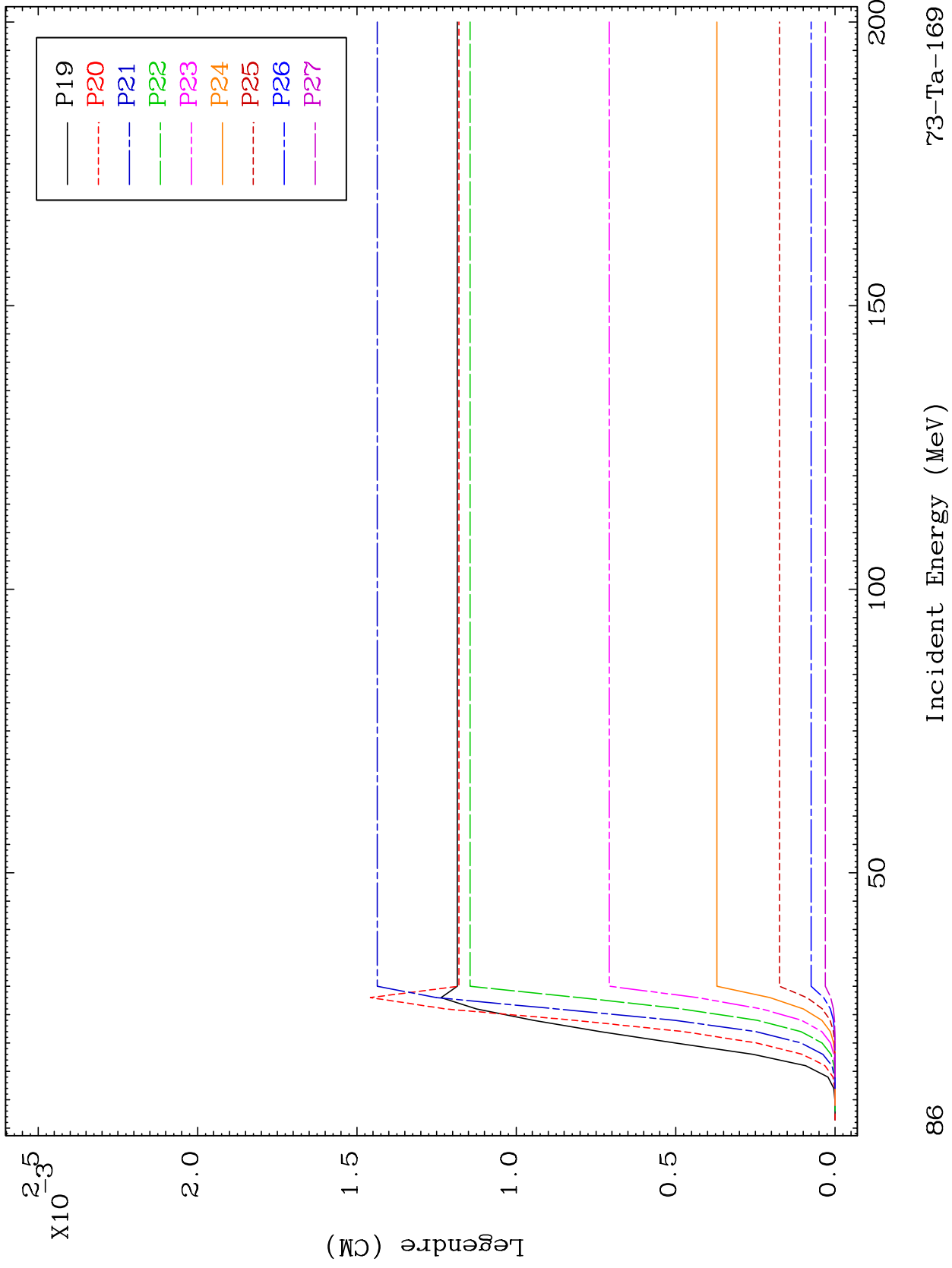
Incident Energy (MeV)

85

MAT 7292

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

73-Ta-169



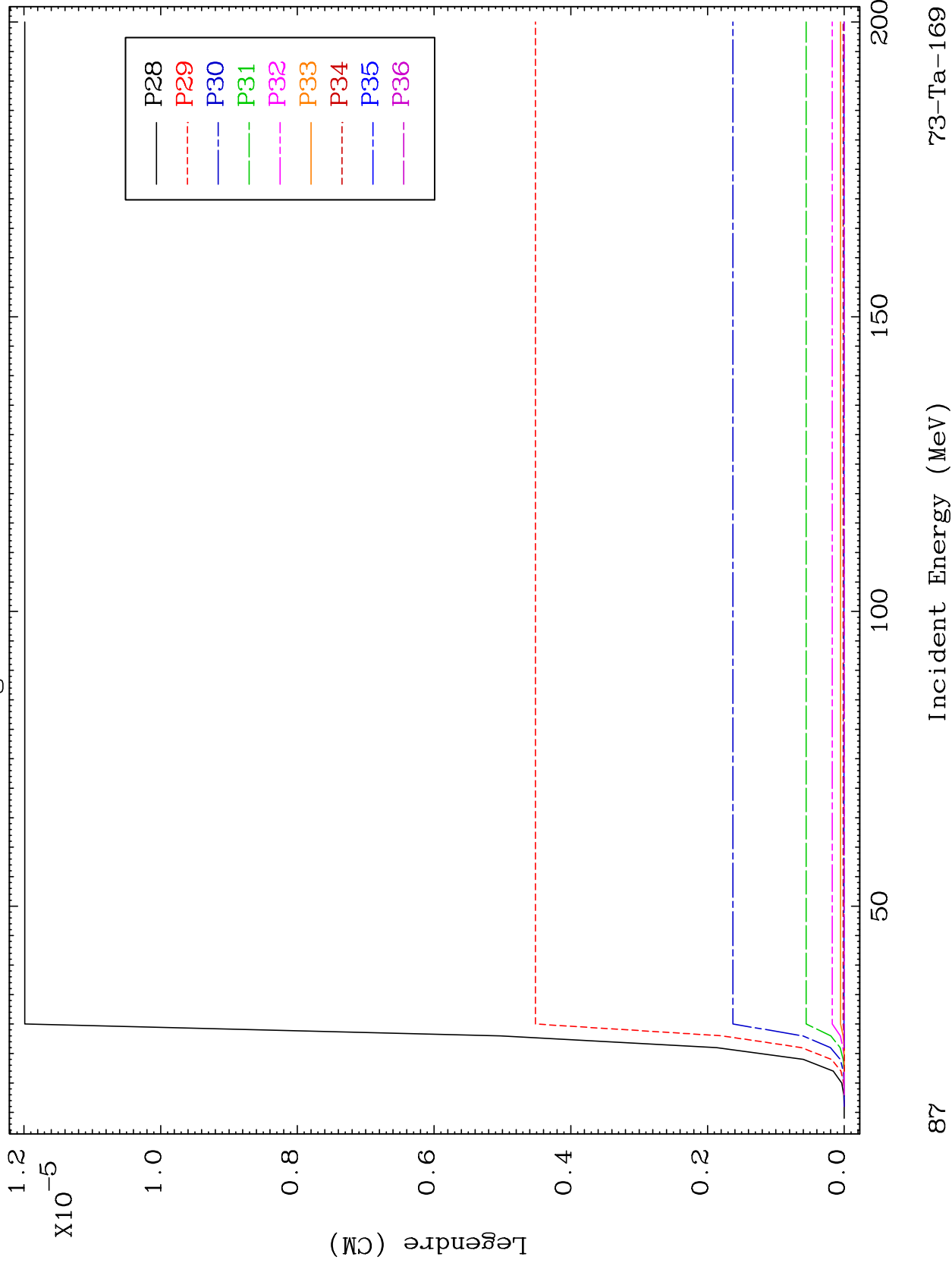
86

73-Ta-169

MAT 7292

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

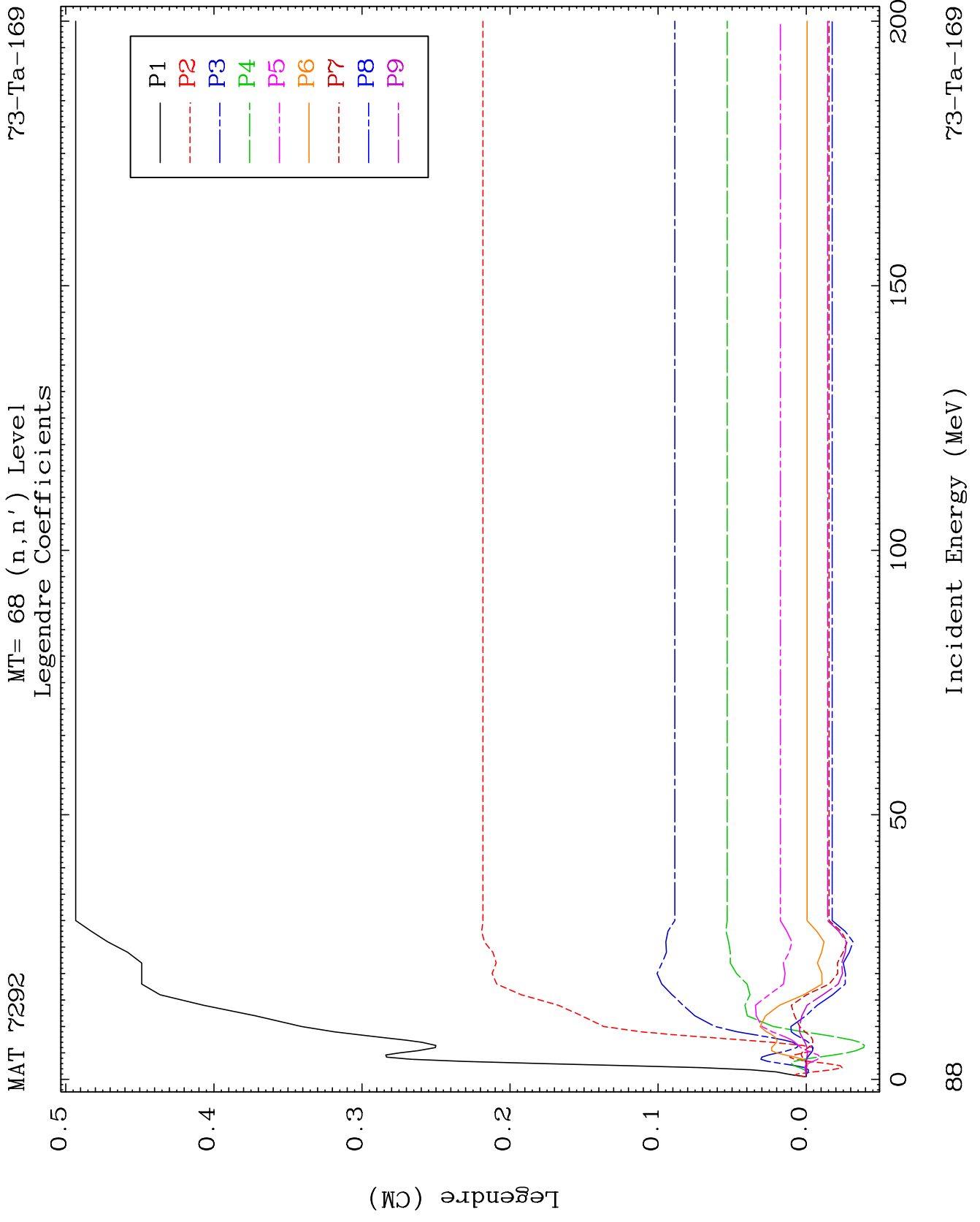
73-Ta-169



87

Incident Energy (MeV)

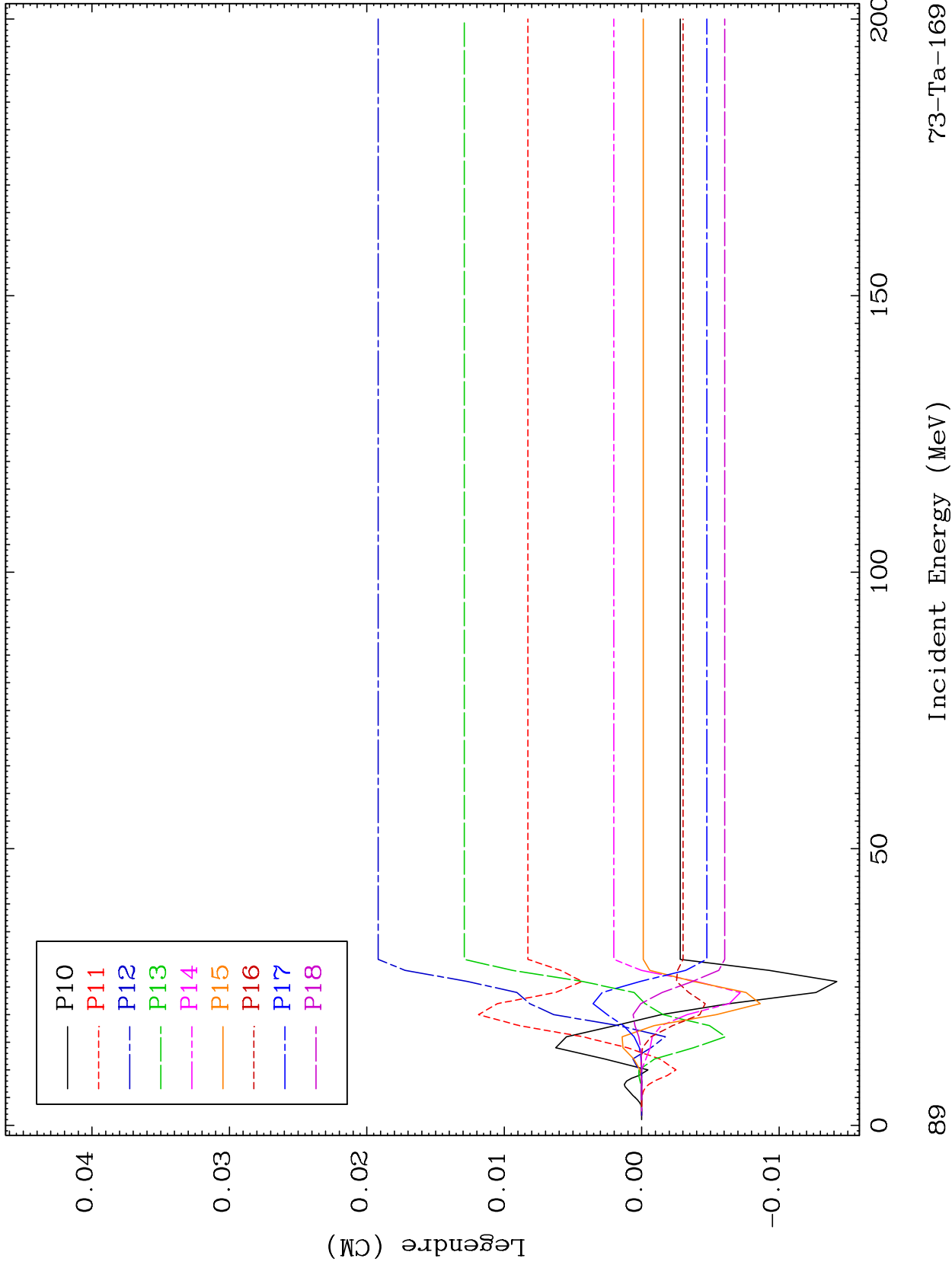
73-Ta-169



MAT 7292

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

73-Ta-169



89

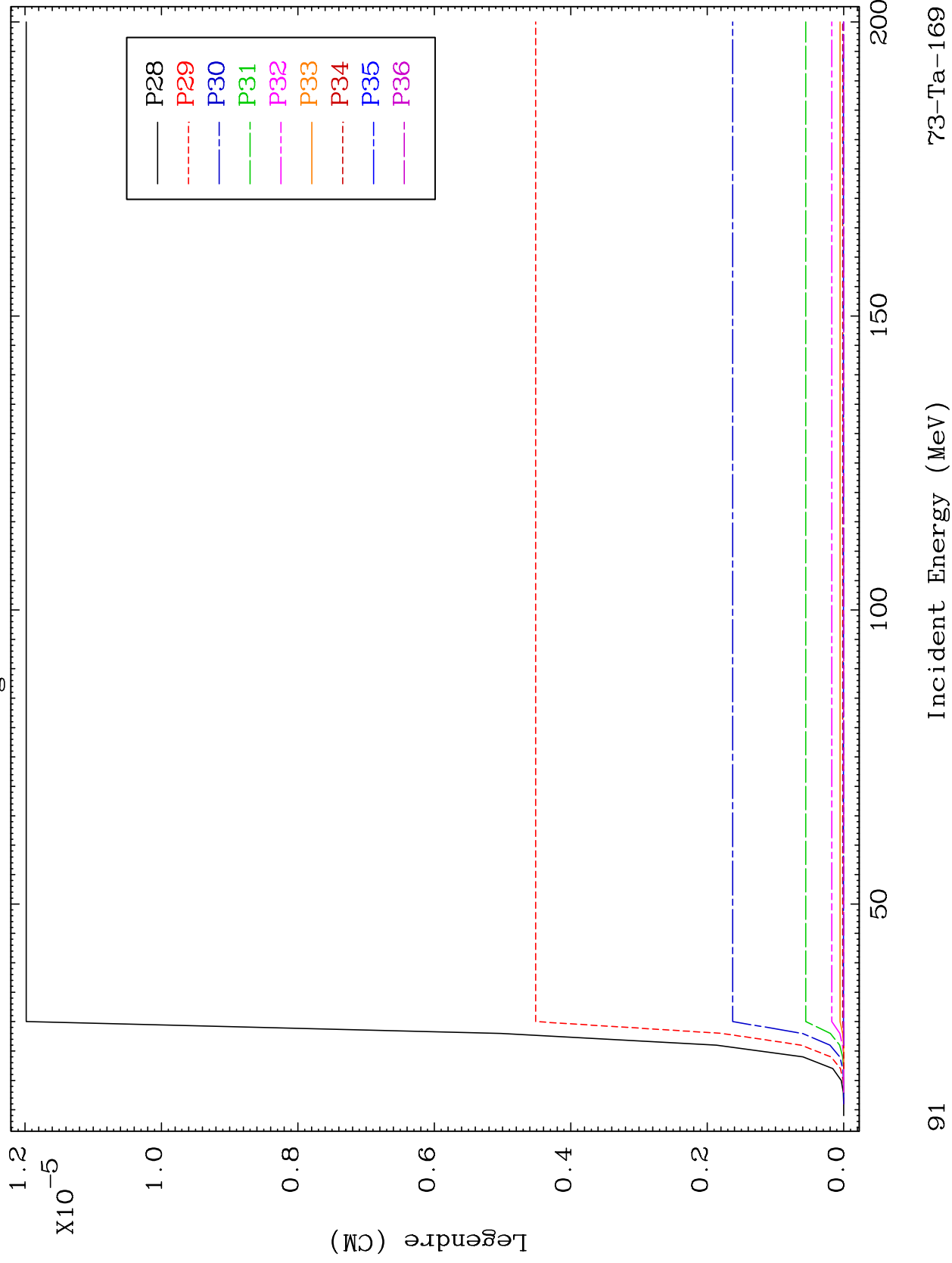
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



91

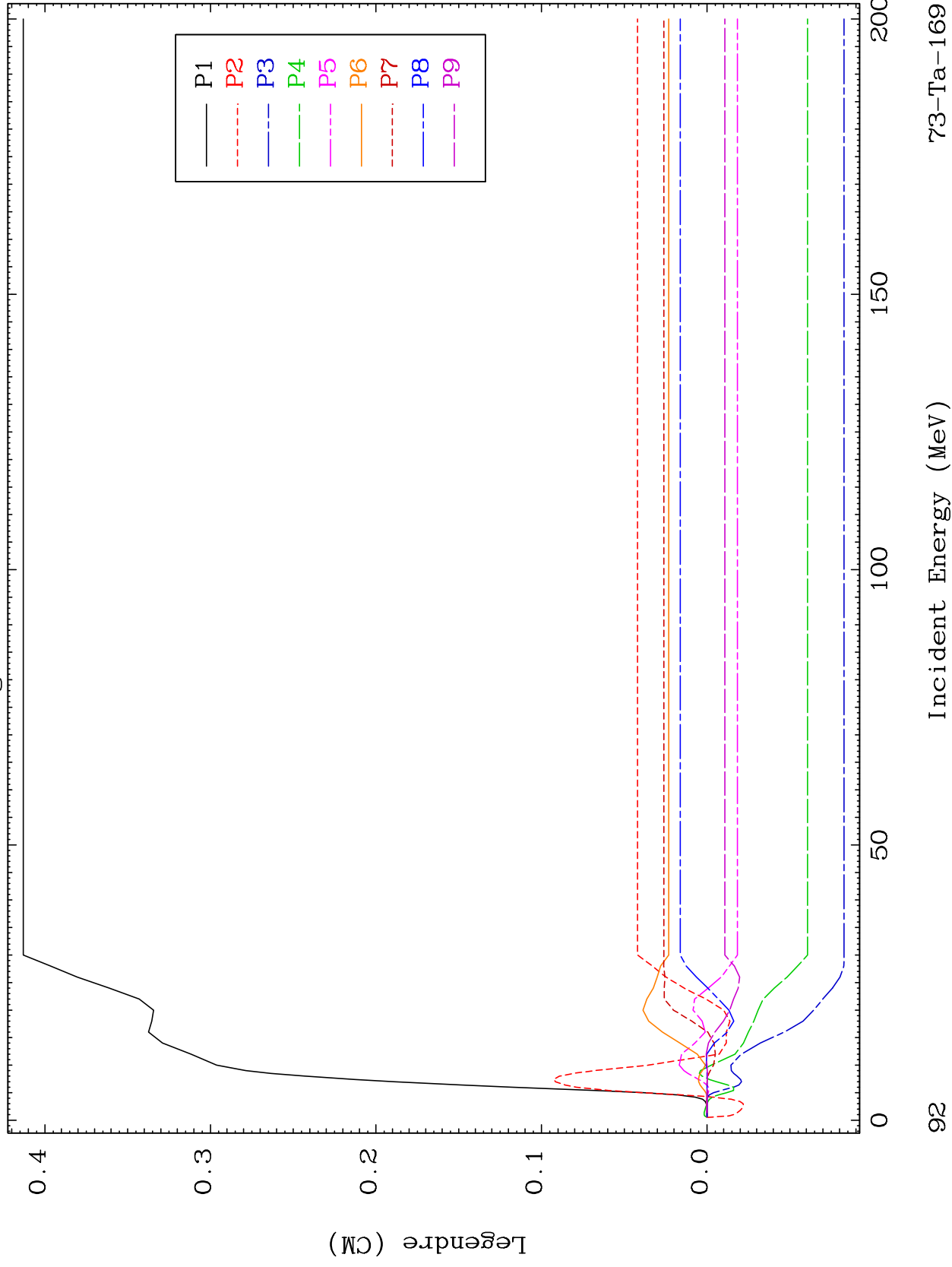
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



92

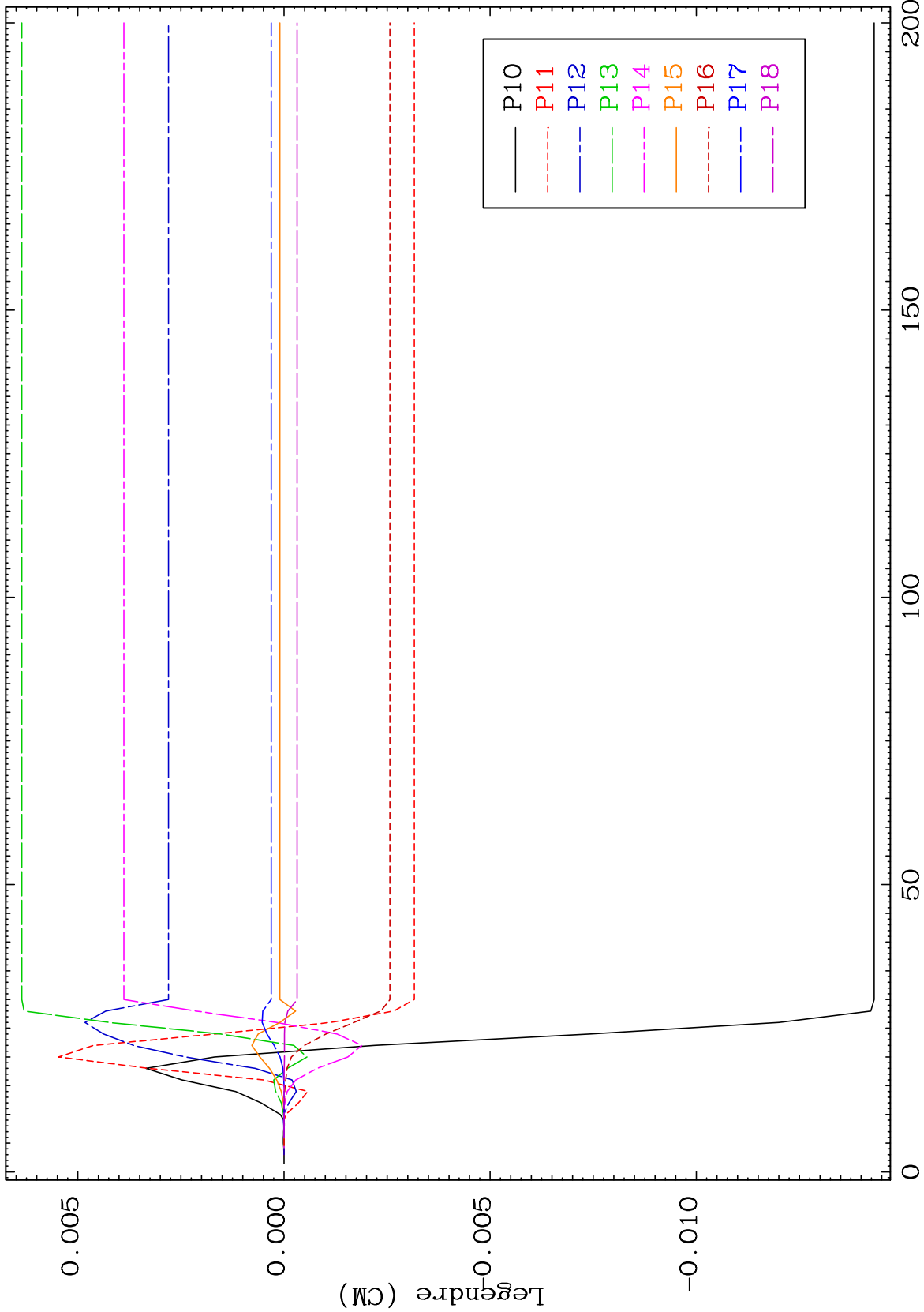
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



93

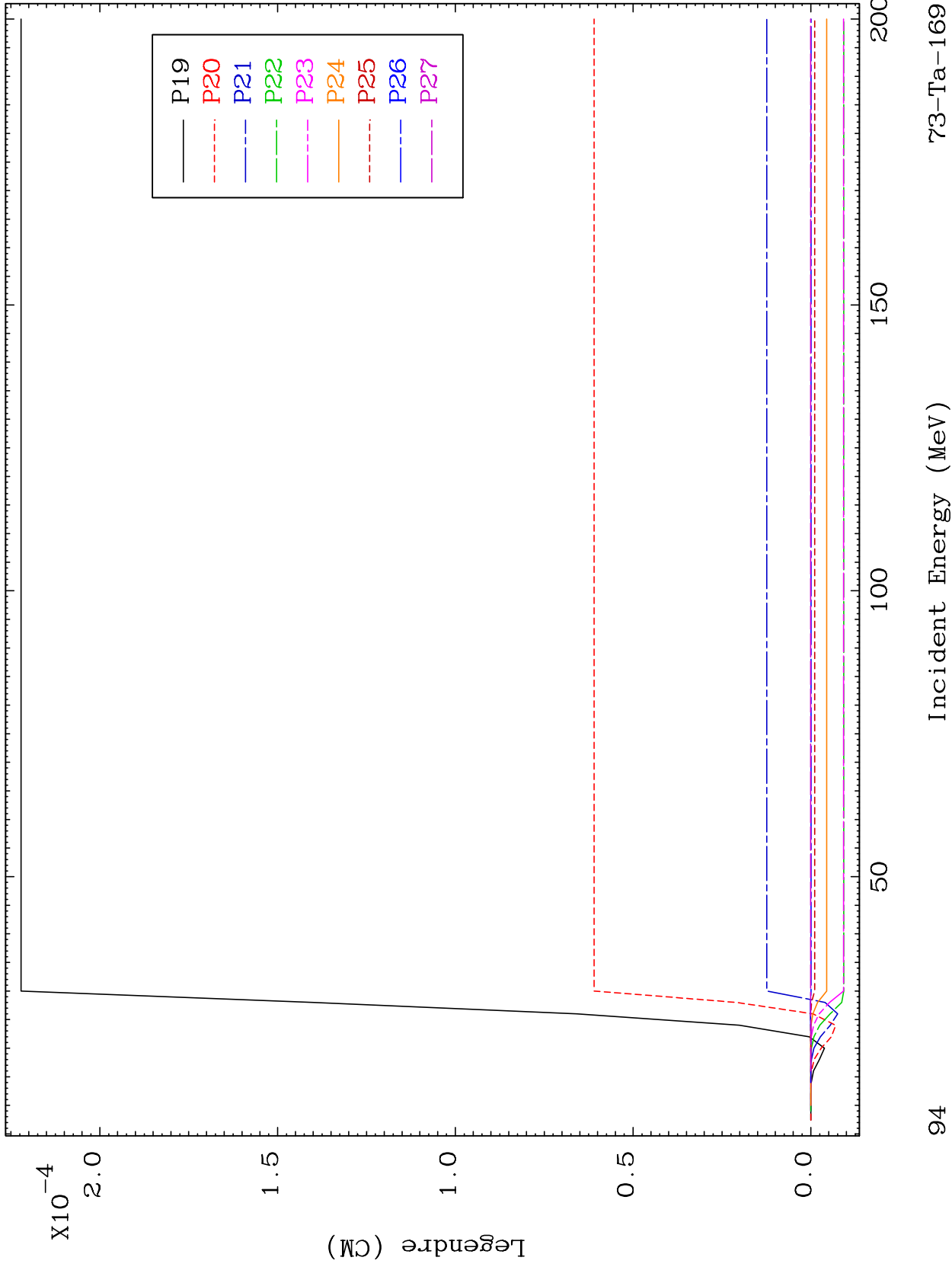
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

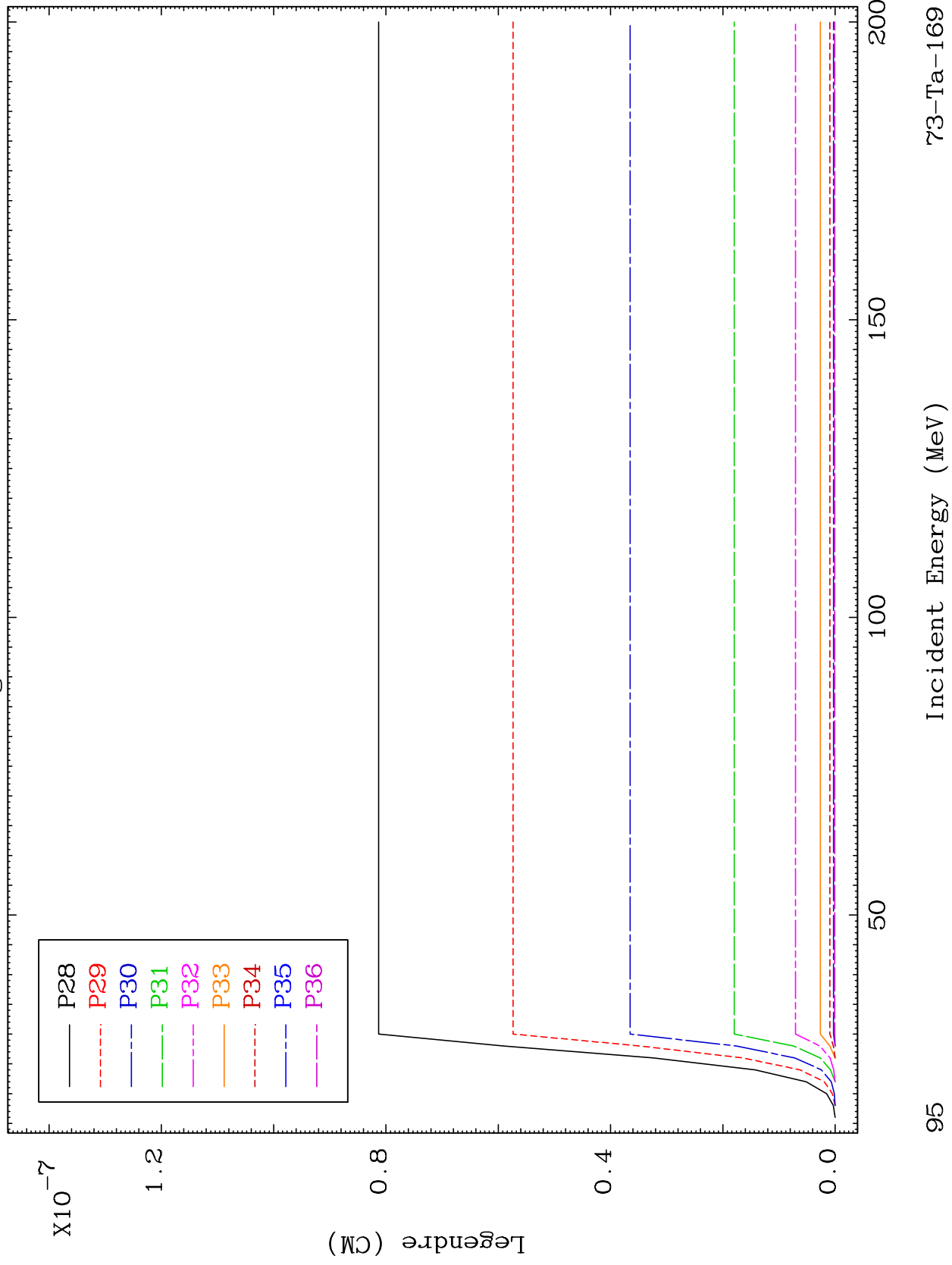
73-Ta-169

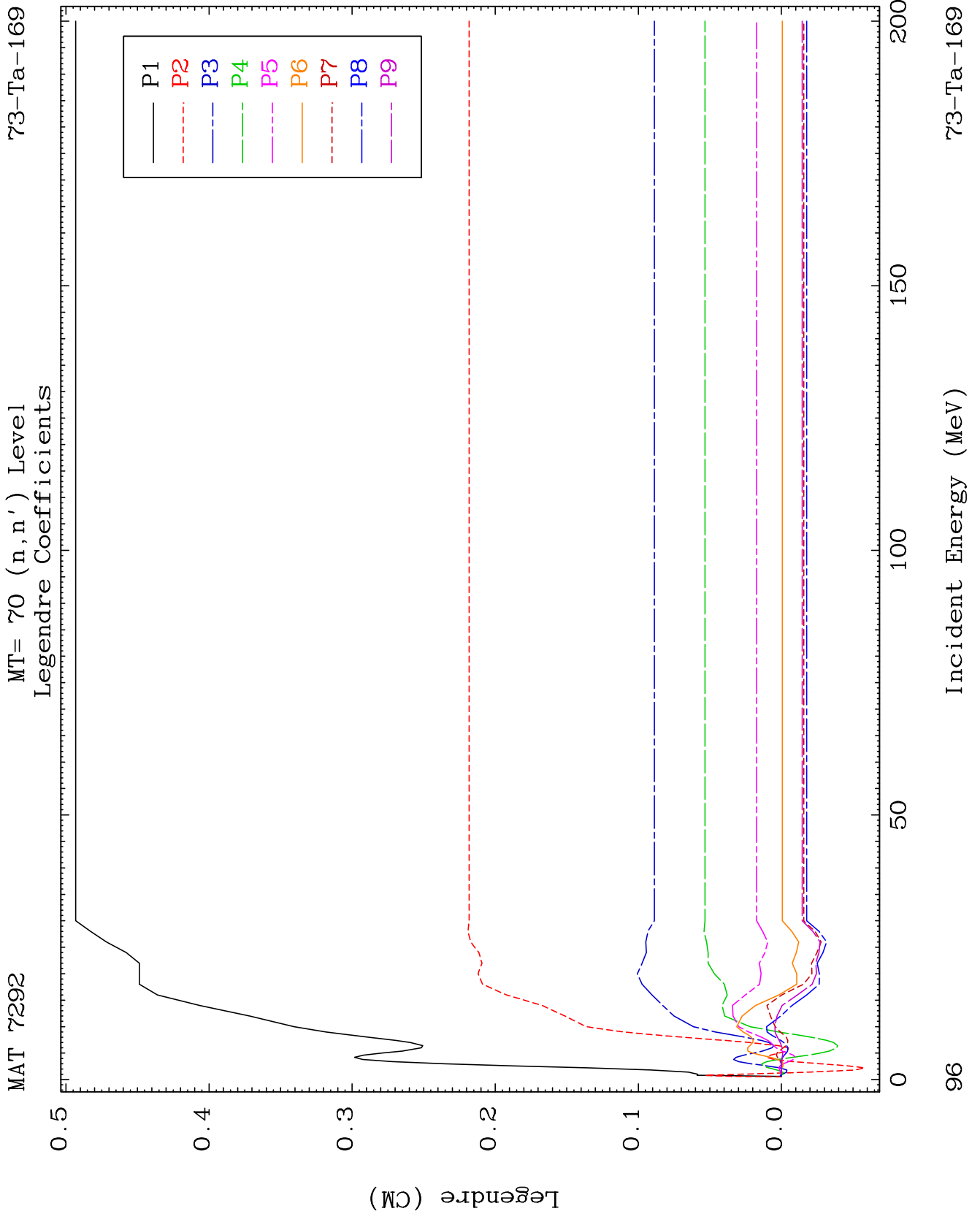


MAT 7292

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

⁷³Ta-169

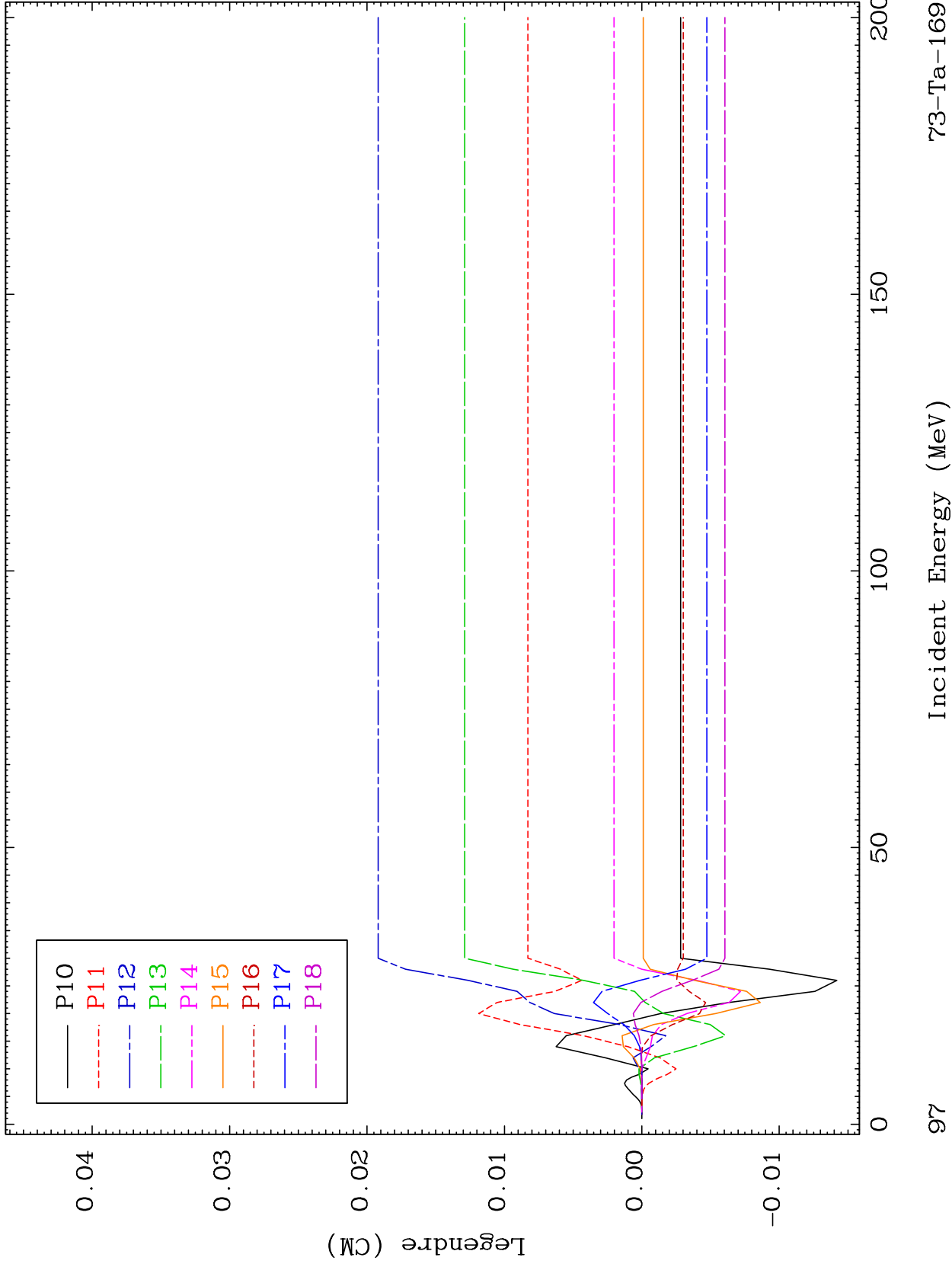




MAT 7292

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

73-Ta-169



97

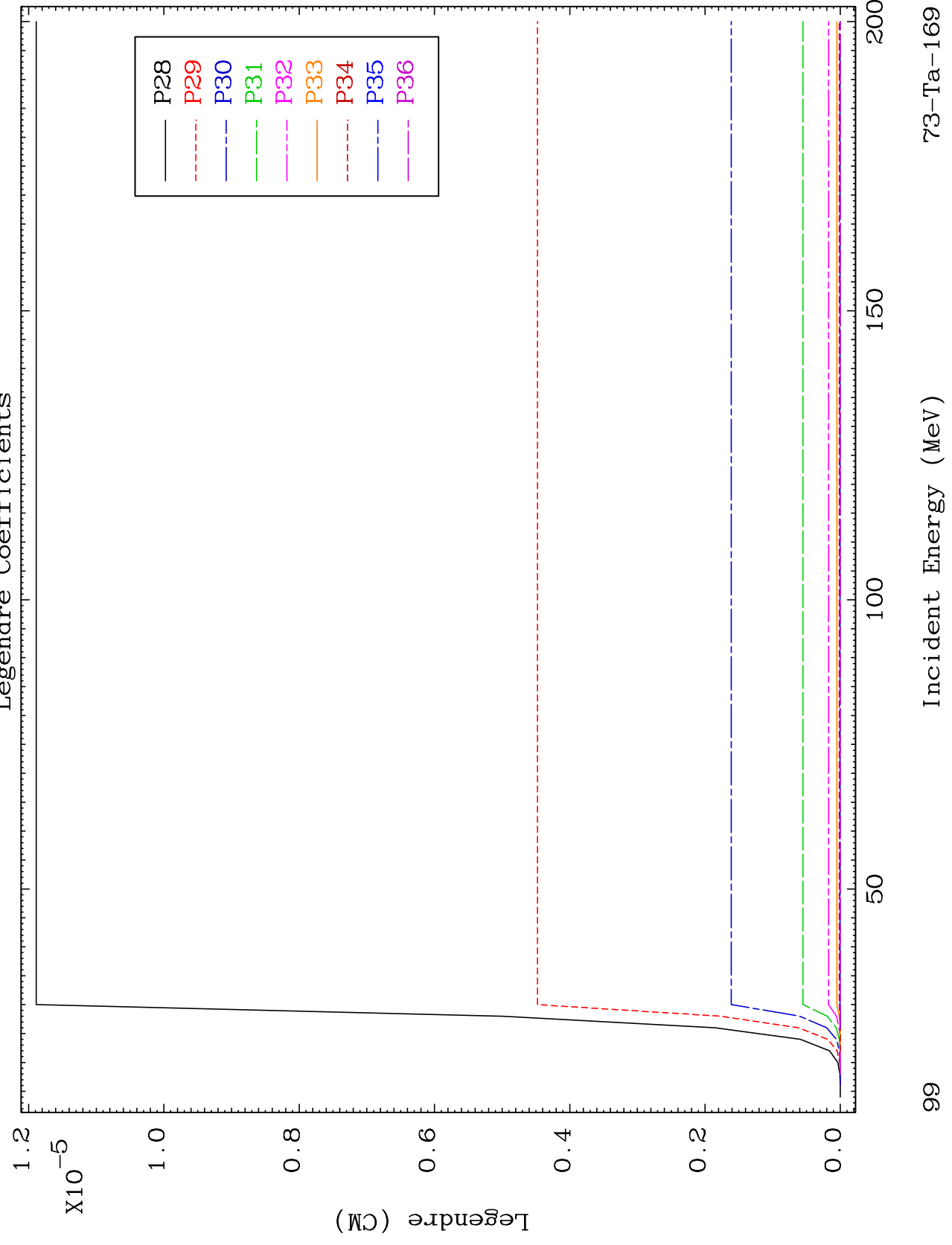
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

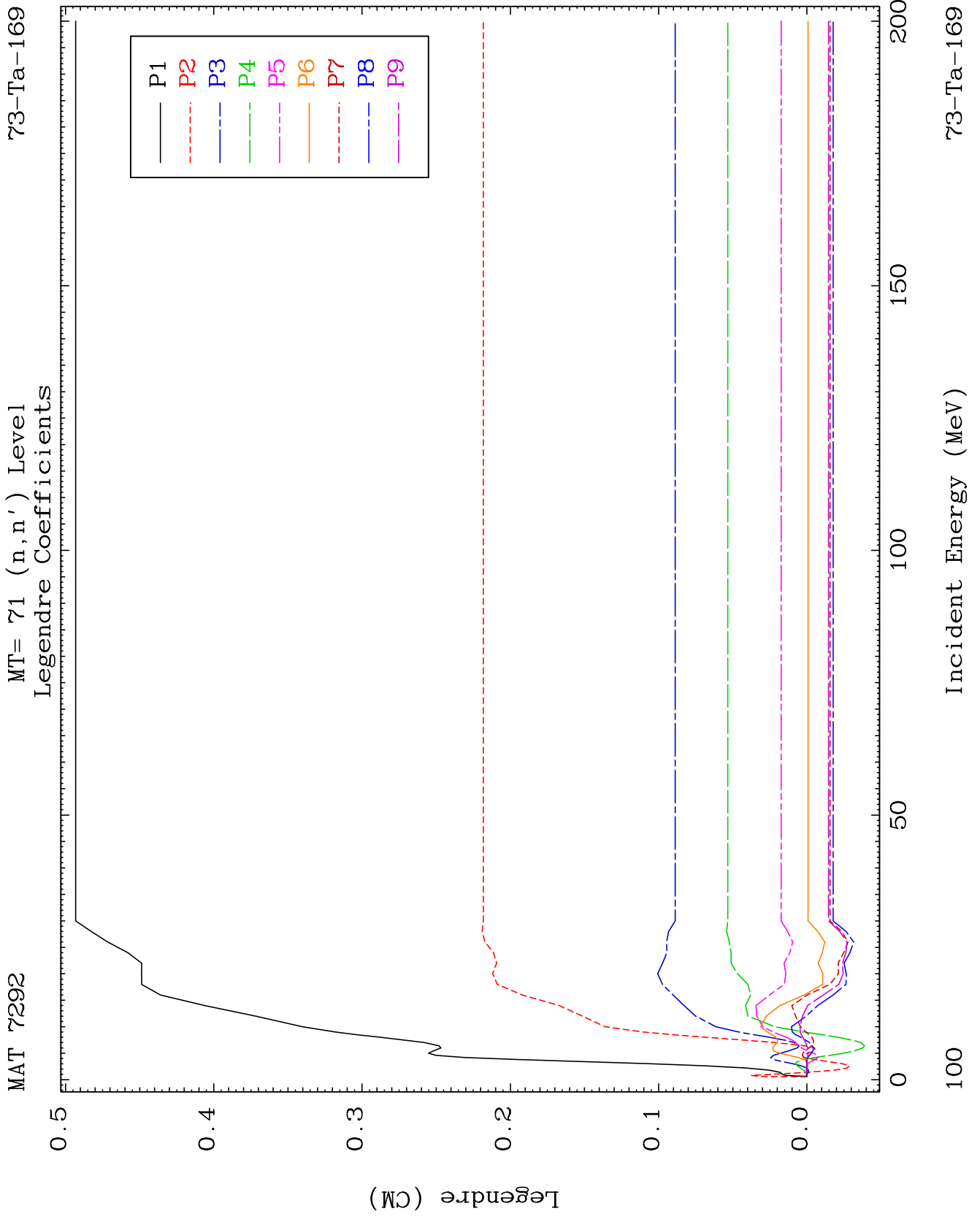
73-Ta-169



73-Ta-169

Incident Energy (MeV)

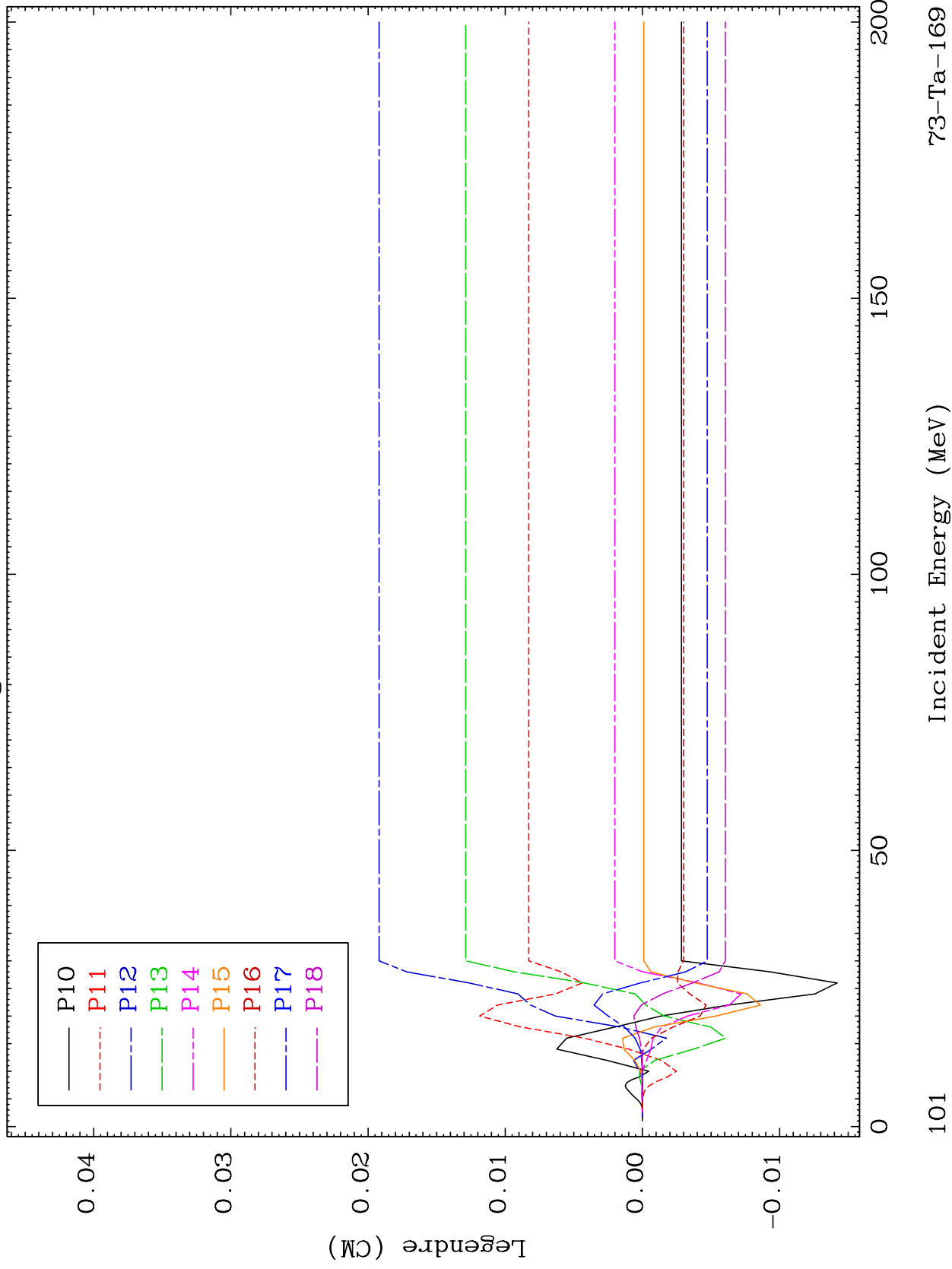
99



MAT 7292

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

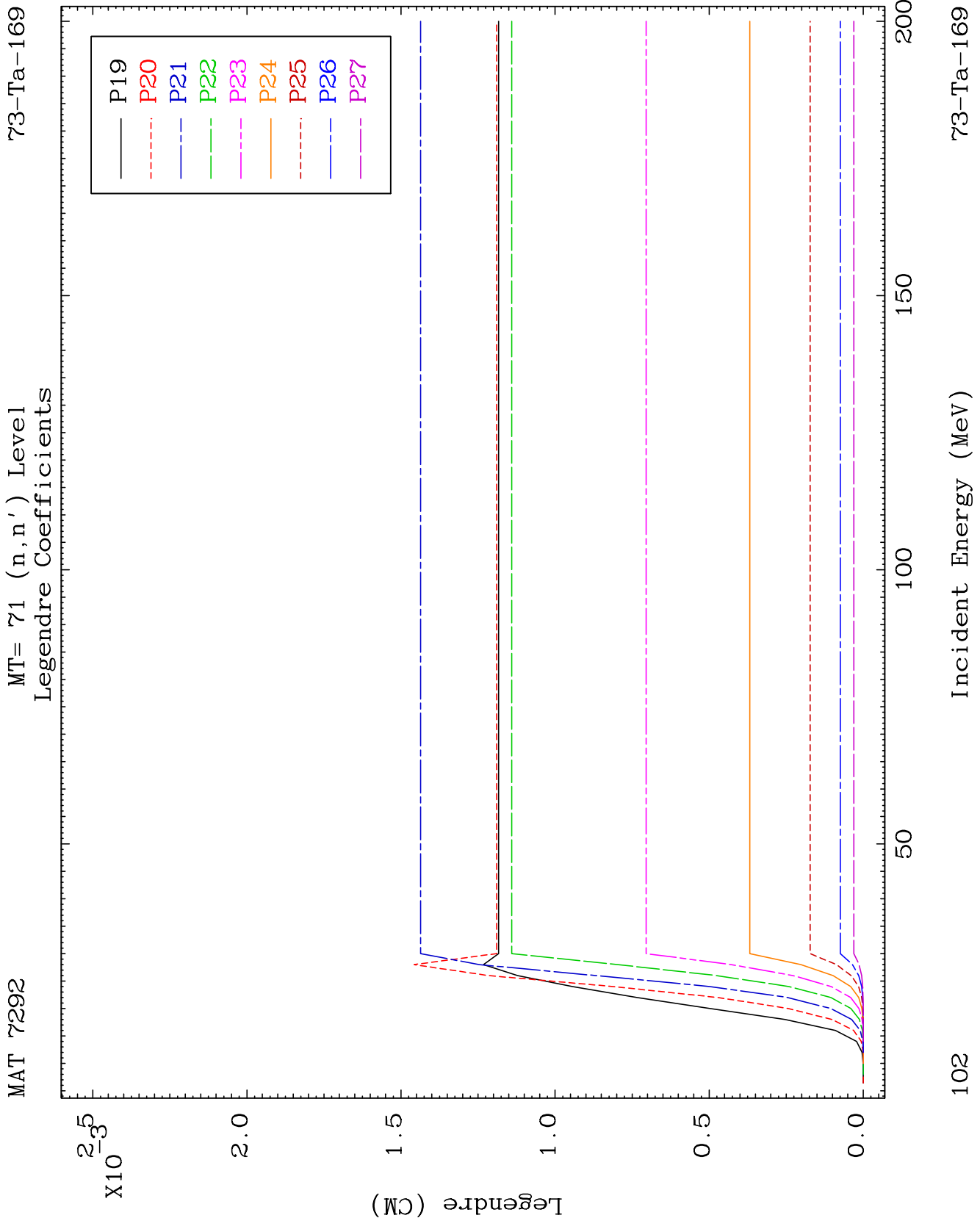
73-Ta-169

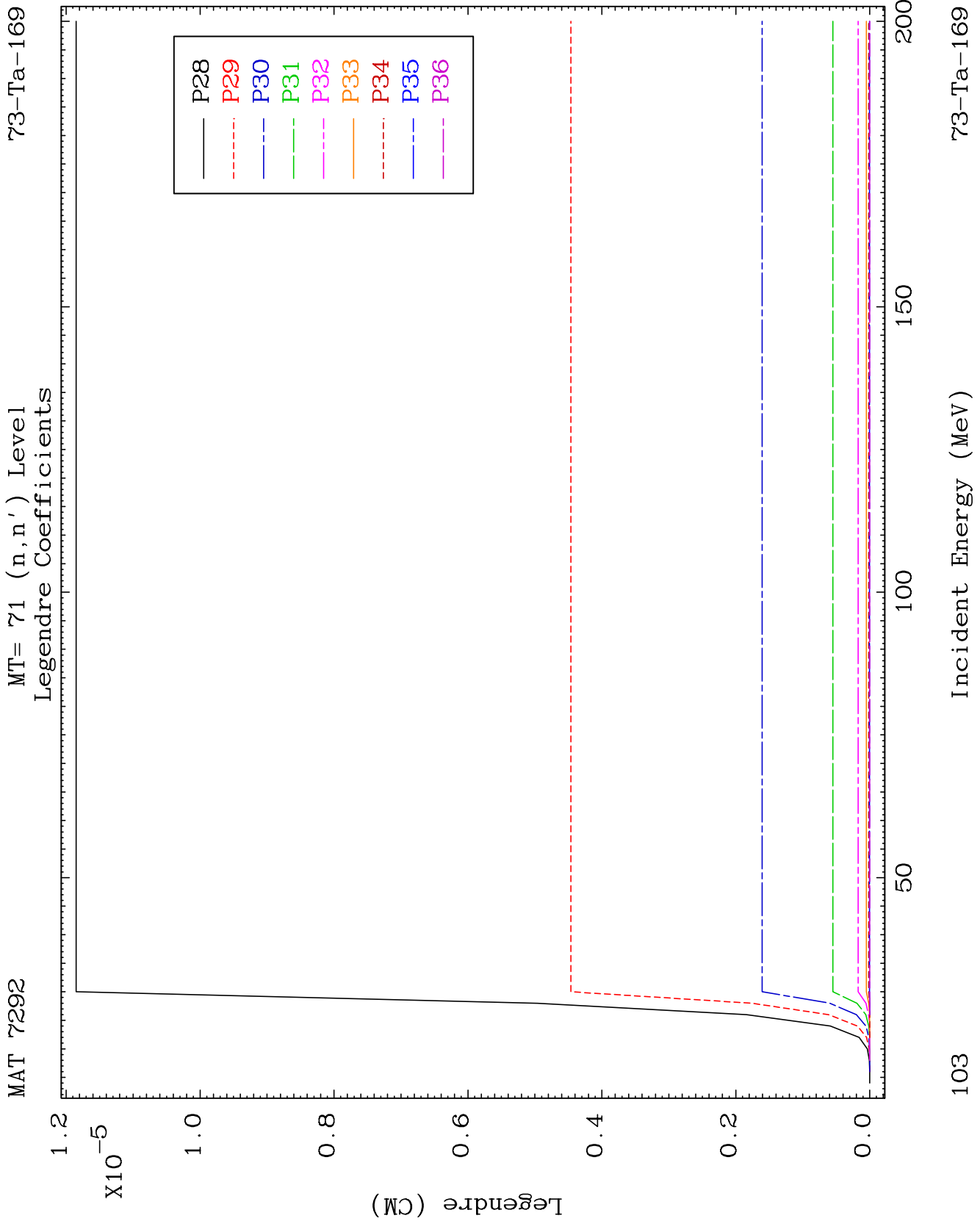


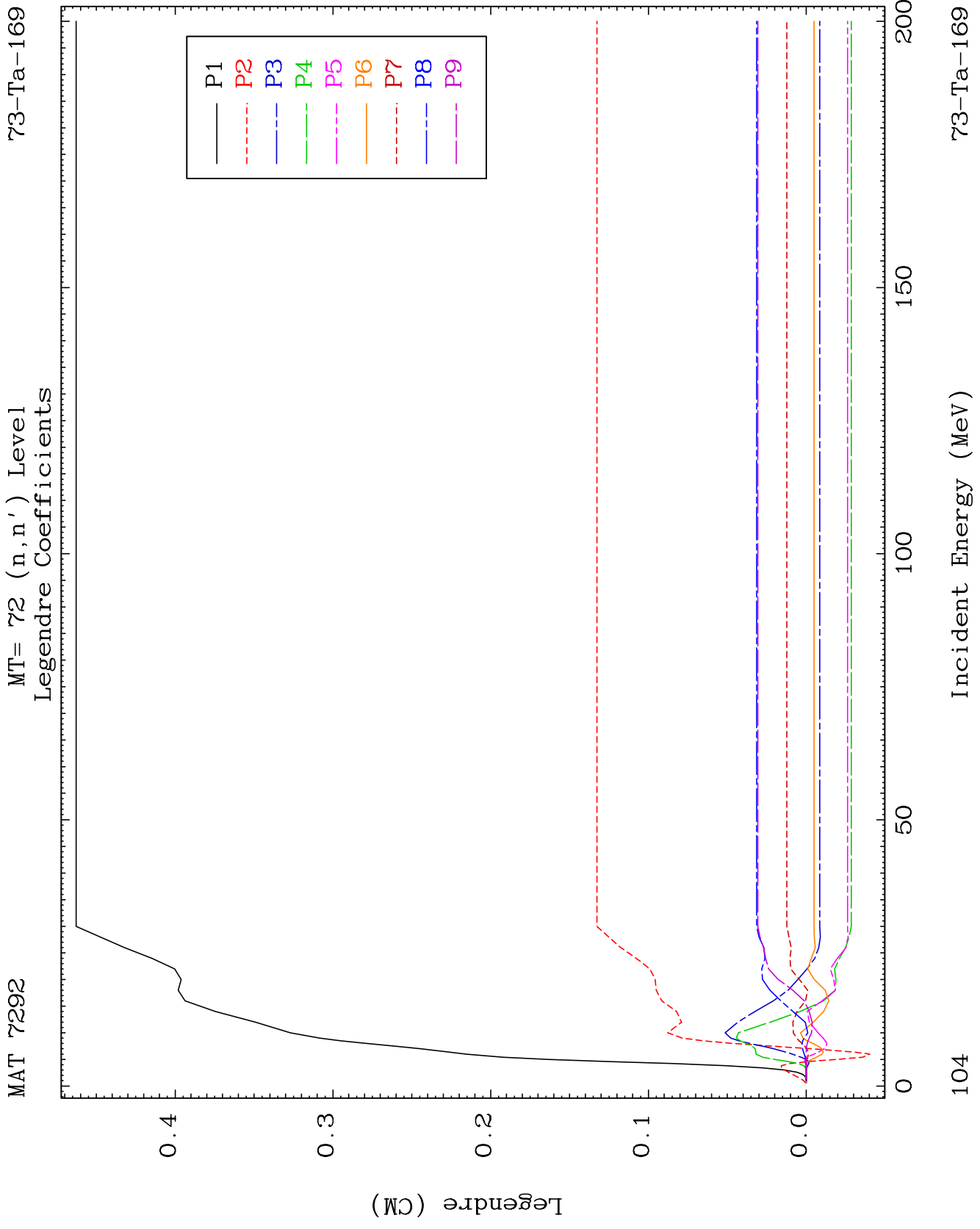
101

Incident Energy (MeV)

73-Ta-169



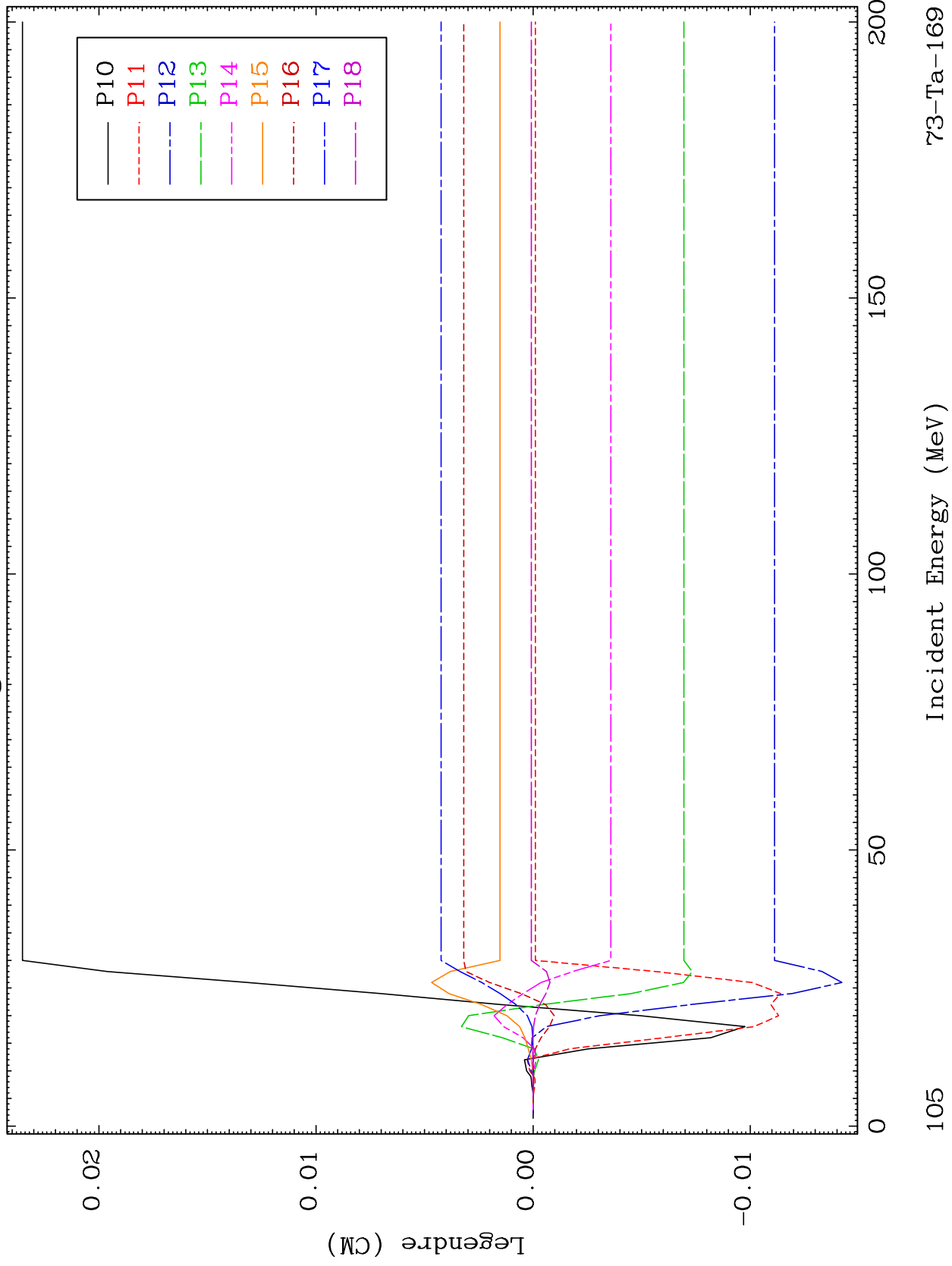




MAT 7292

MT= 72 (n,n') Level
Legendre Coefficients

73-Ta-169



73-Ta-169

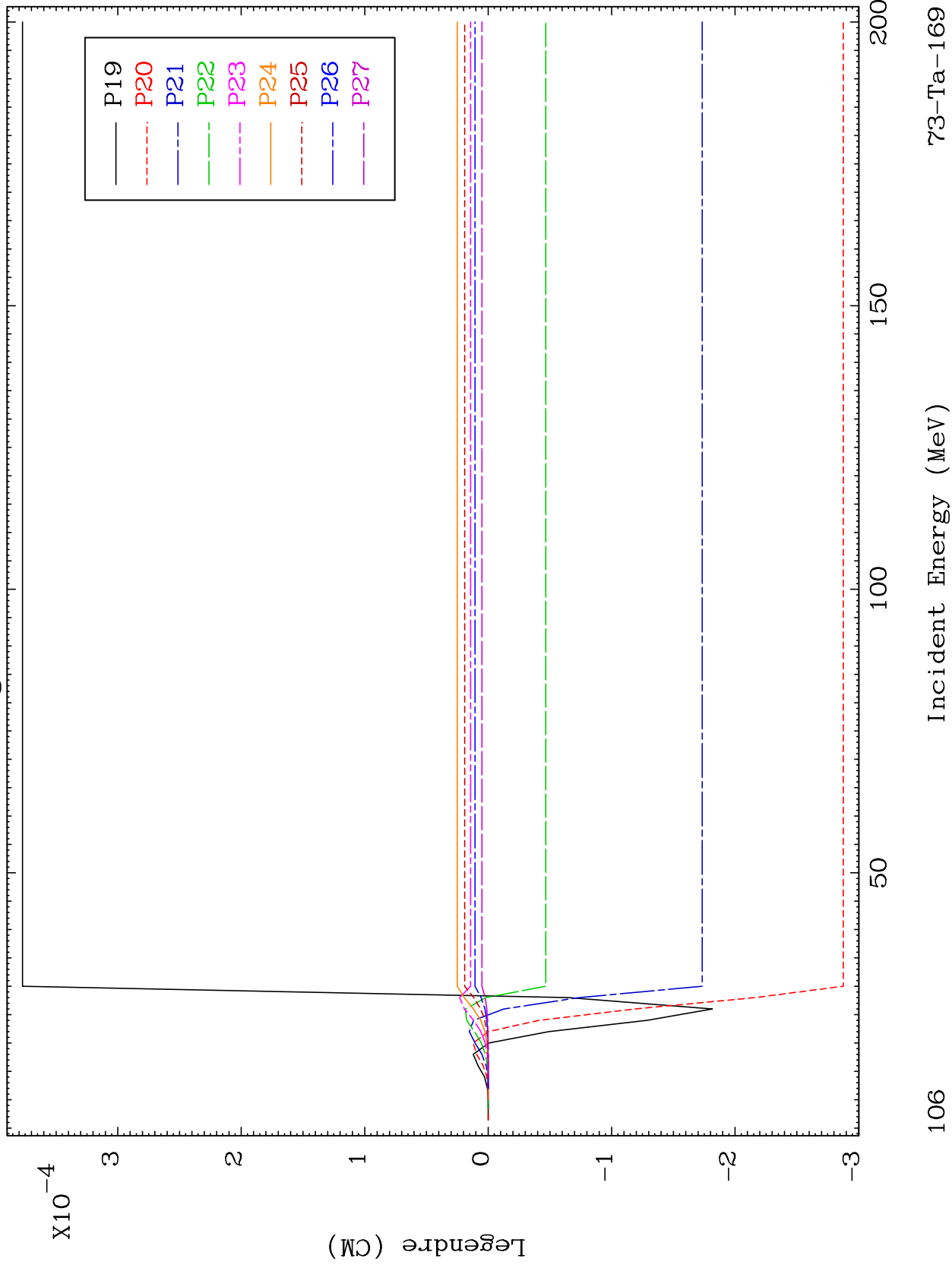
Incident Energy (MeV)

105

MAT 7292

MT= 72 (n,n') Level
Legendre Coefficients

73-Ta-169



106

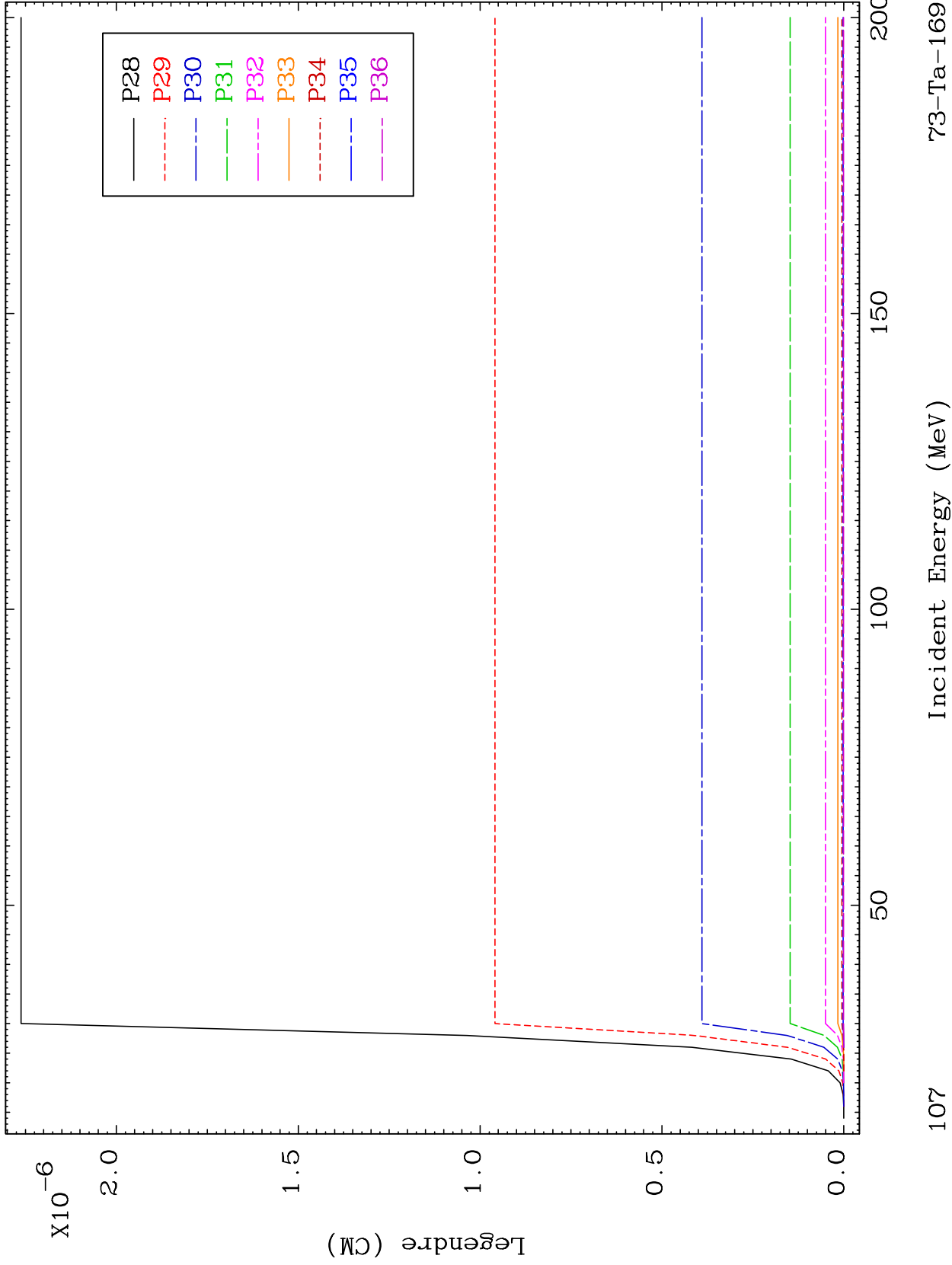
Incident Energy (MeV)

73-Ta-169

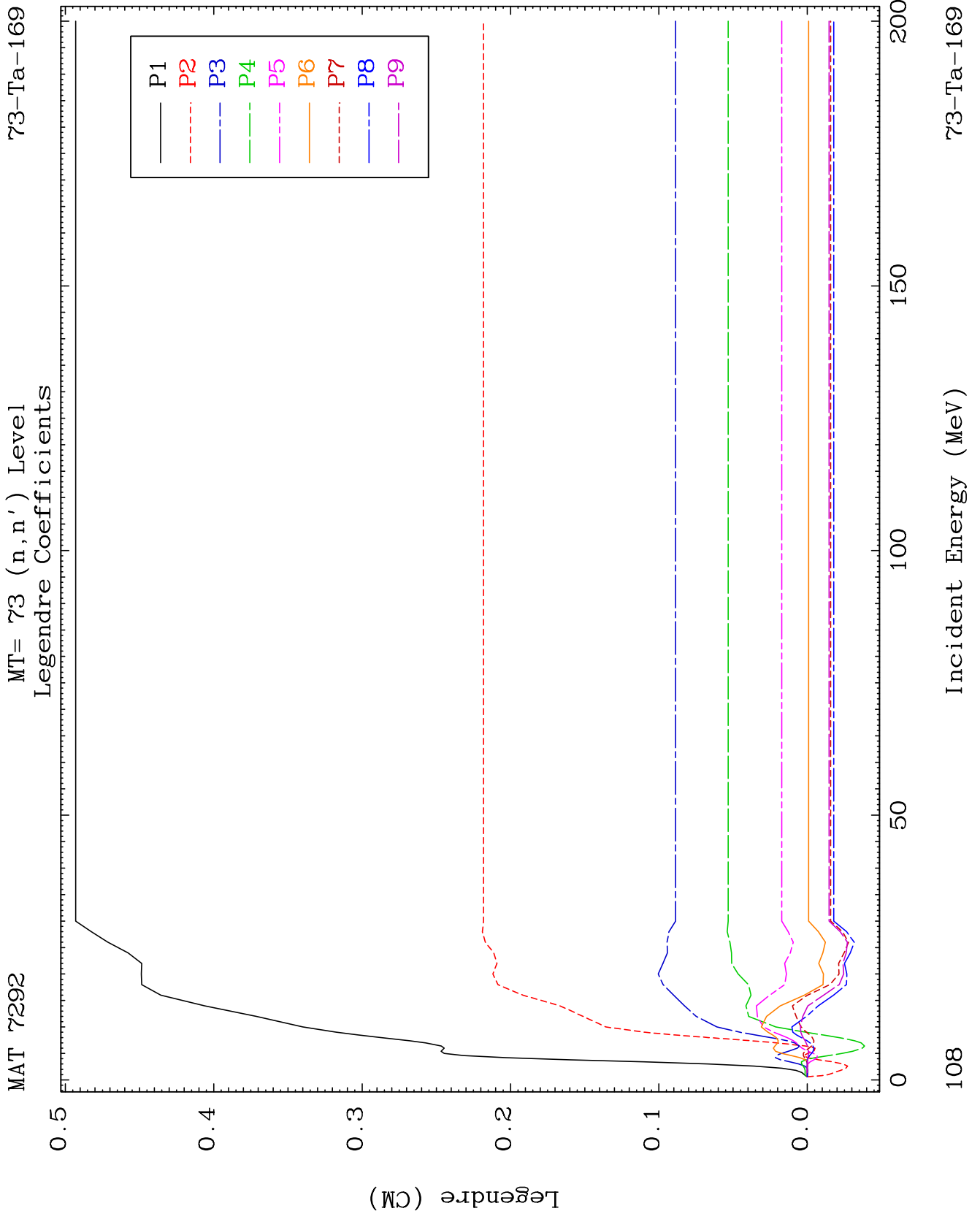
MAT 7292

MT= 72 (n,n') Level
Legendre Coefficients

73-Ta-169



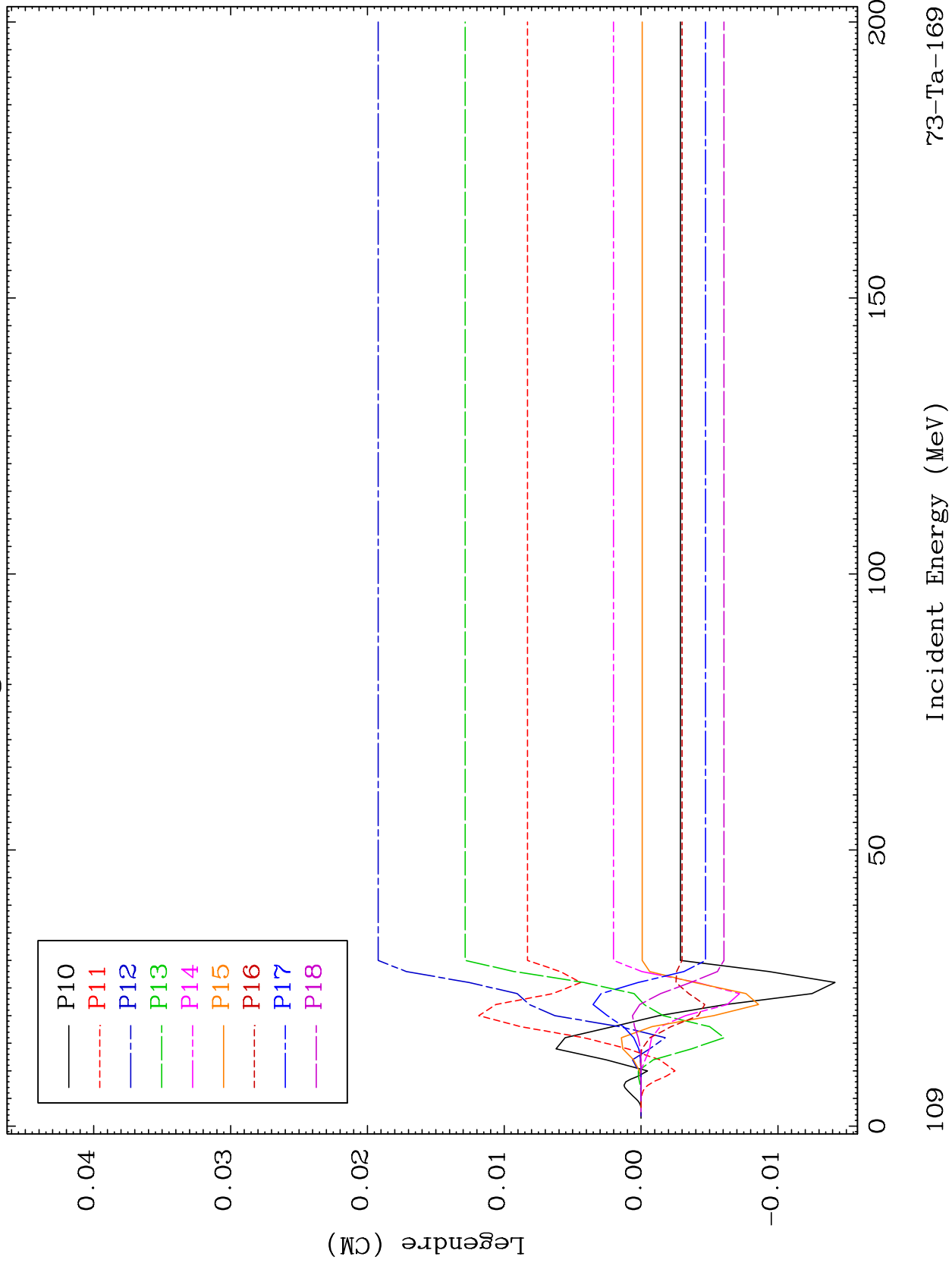
107



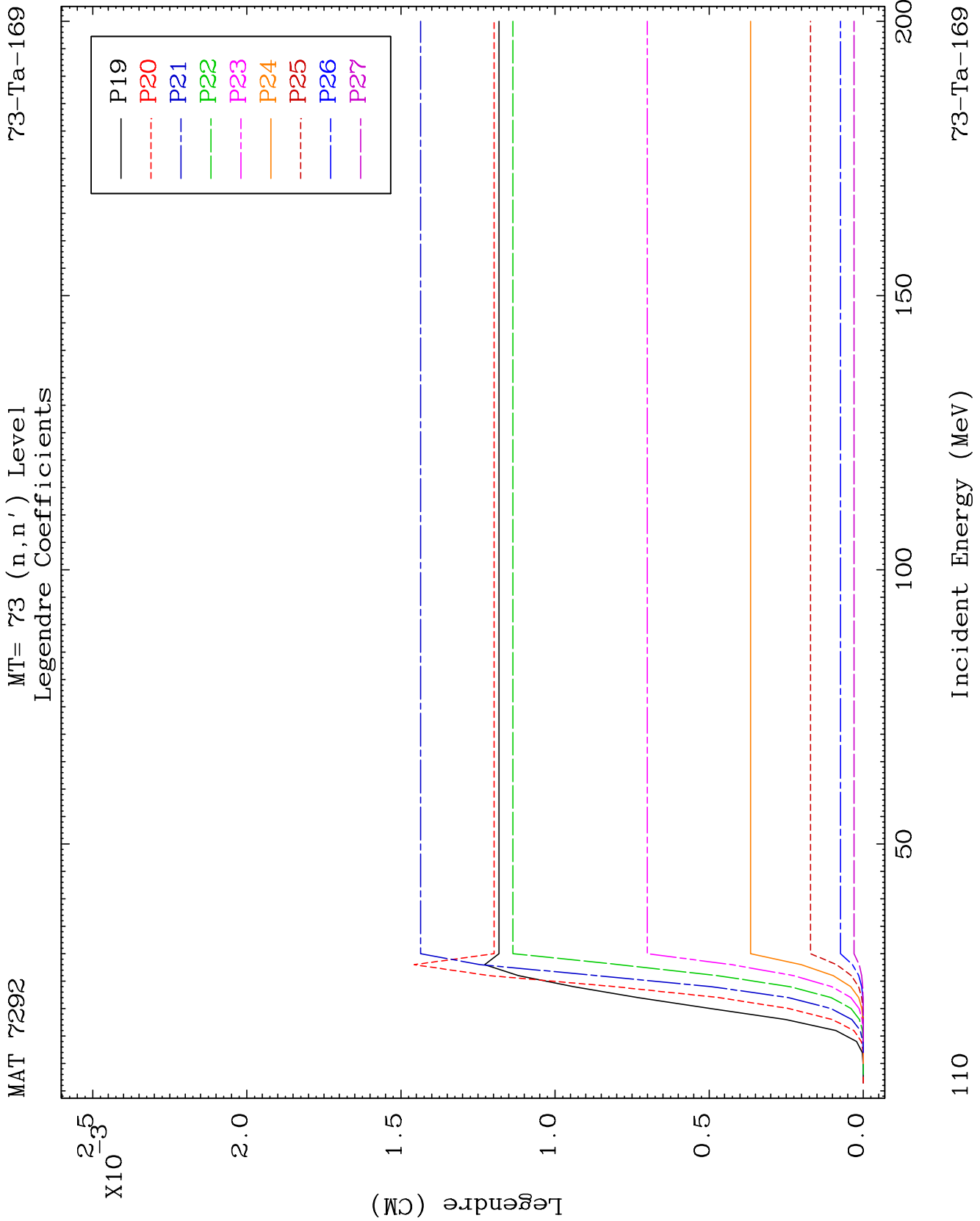
MAT 7292

MT= 73 (n,n') Level
Legendre Coefficients

73-Ta-169



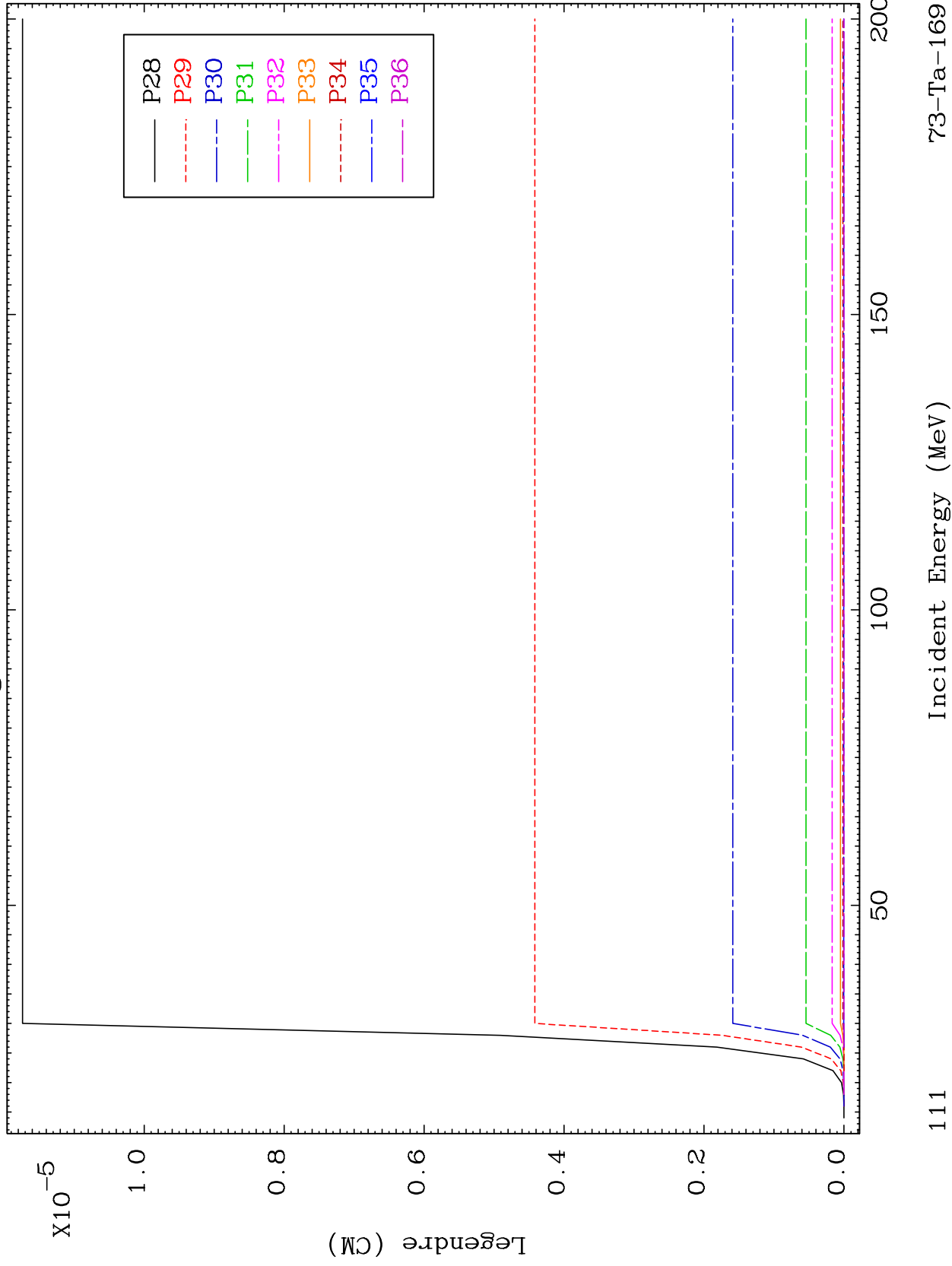
109



MAT 7292

MT= 73 (n,n') Level
Legendre Coefficients

73-Ta-169



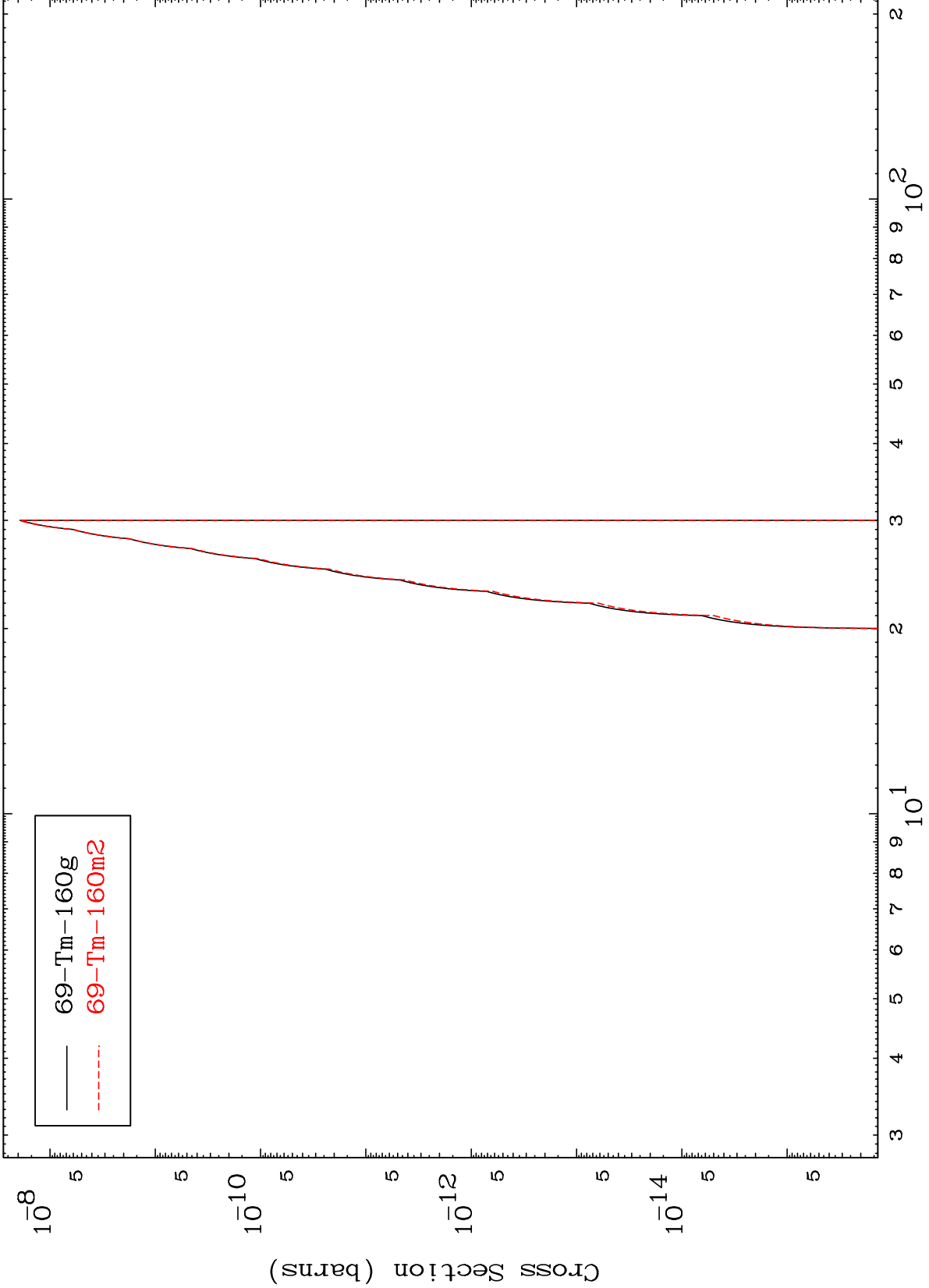
111

MAT 7292

$(n,2n) 2\alpha$

$^{73}\text{Ta-169}$

Radionuclide Production Cross Section

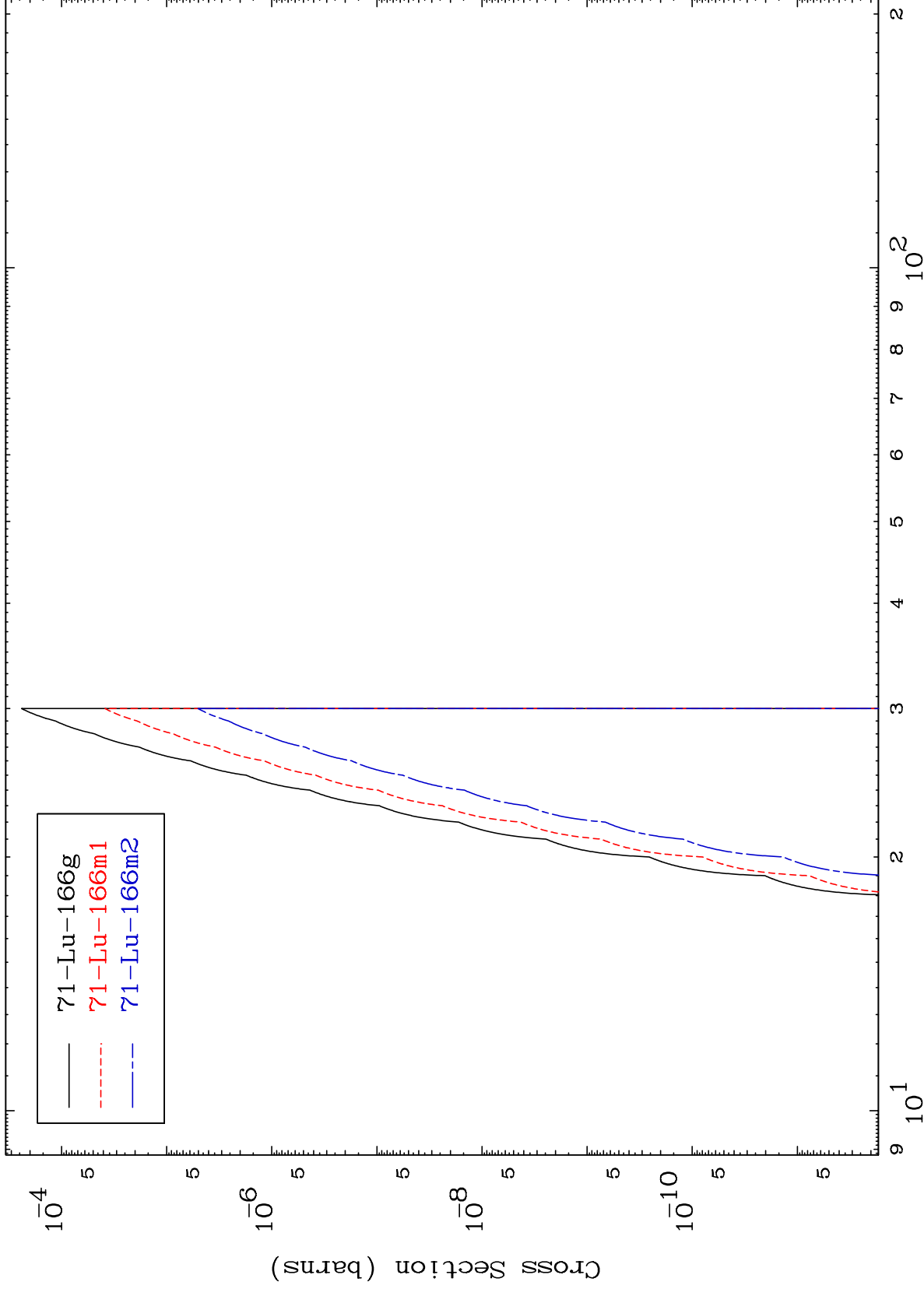


MAT 7292

(n,n') He-3

73-Ta-169

Radionuclide Production Cross Section



113

Incident Energy (MeV)

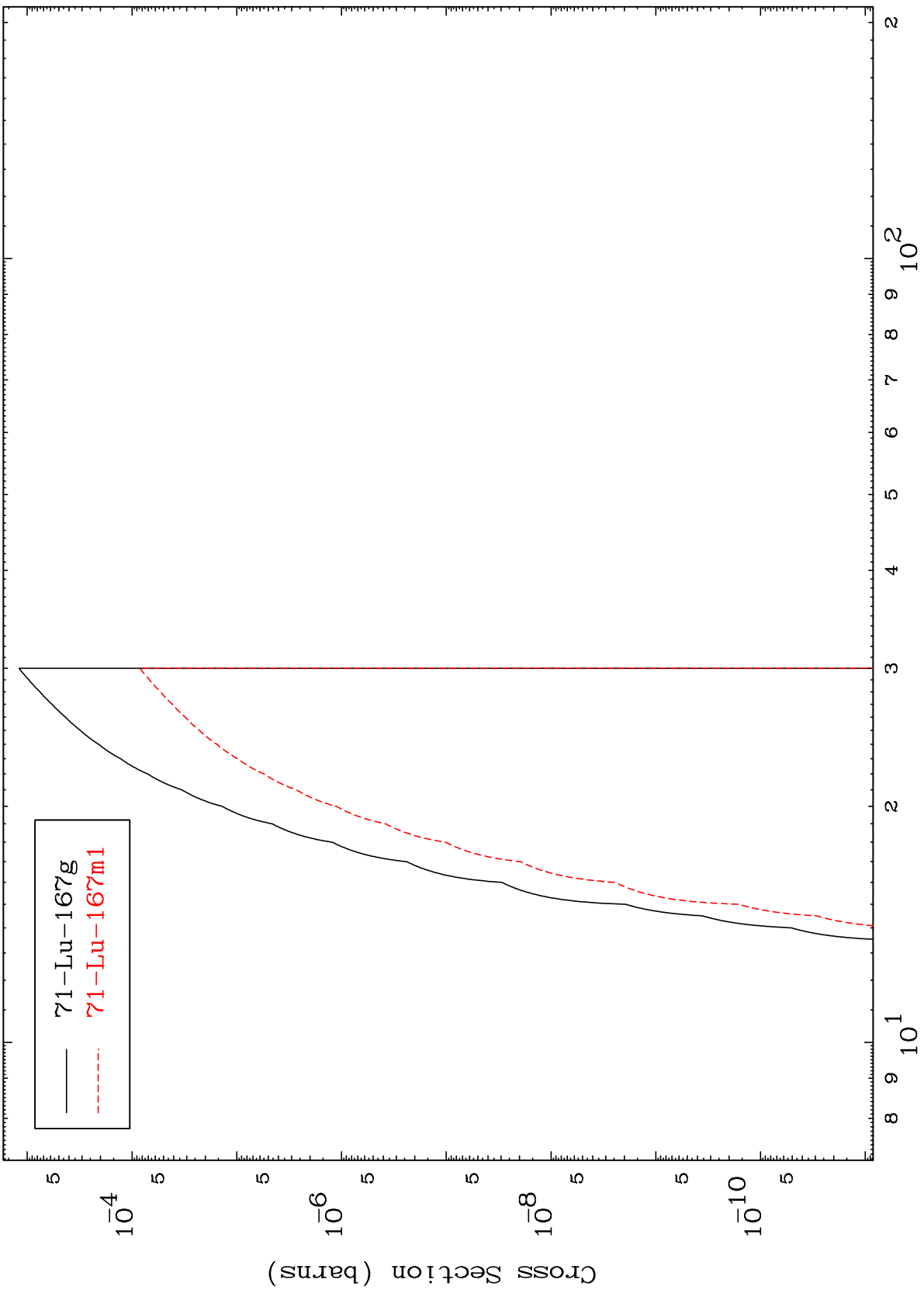
73-Ta-169

MAT 7292

(n,2n) p

73-Ta-169

Radionuclide Production Cross Section



71-Lu-167g
71-Lu-167m1

114

Incident Energy (MeV)

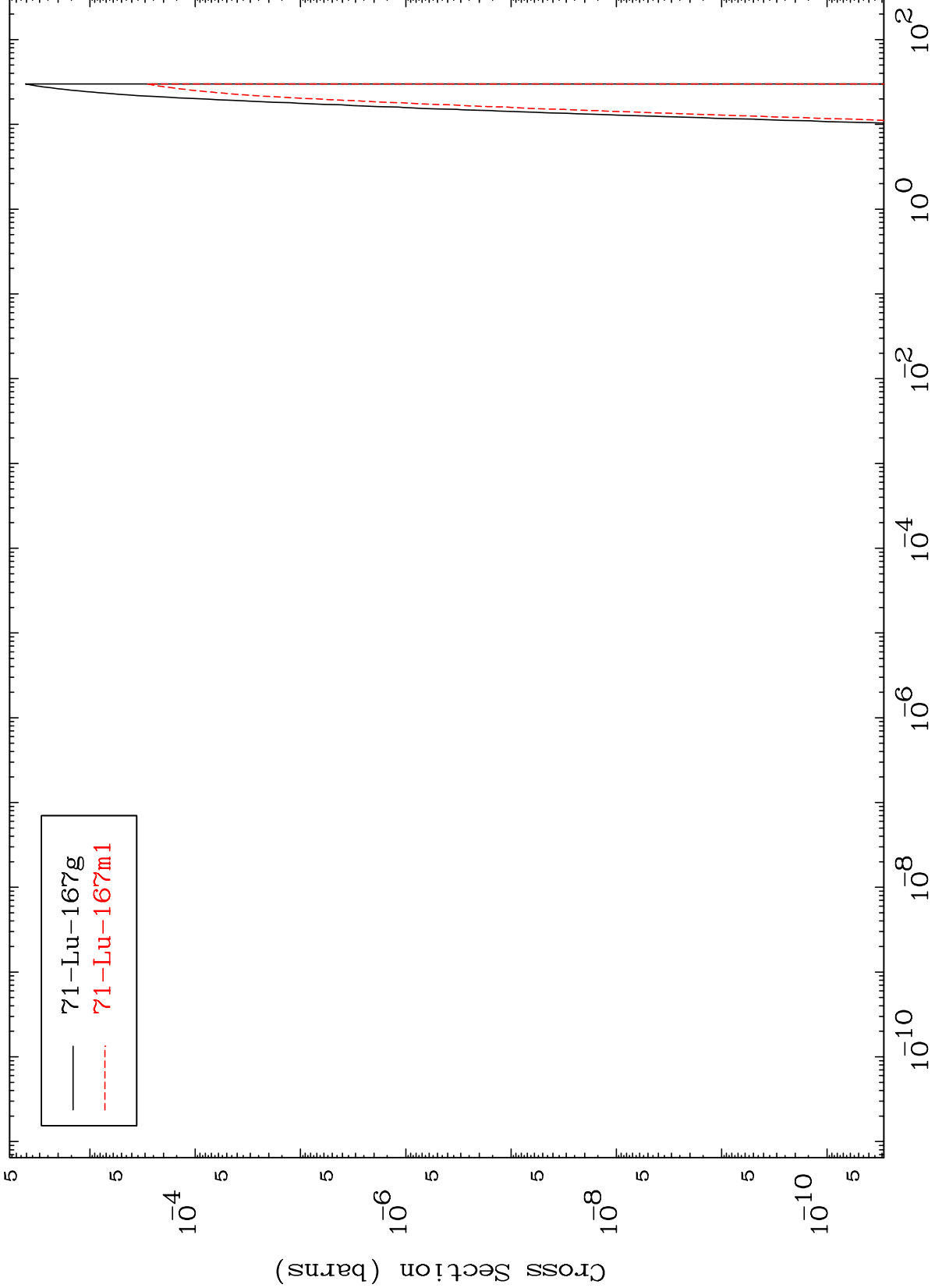
73-Ta-169

MAT 7292

(n,He-3)

73-Ta-169

Radionuclide Production Cross Section



71-Lu-167g
71-Lu-167m1

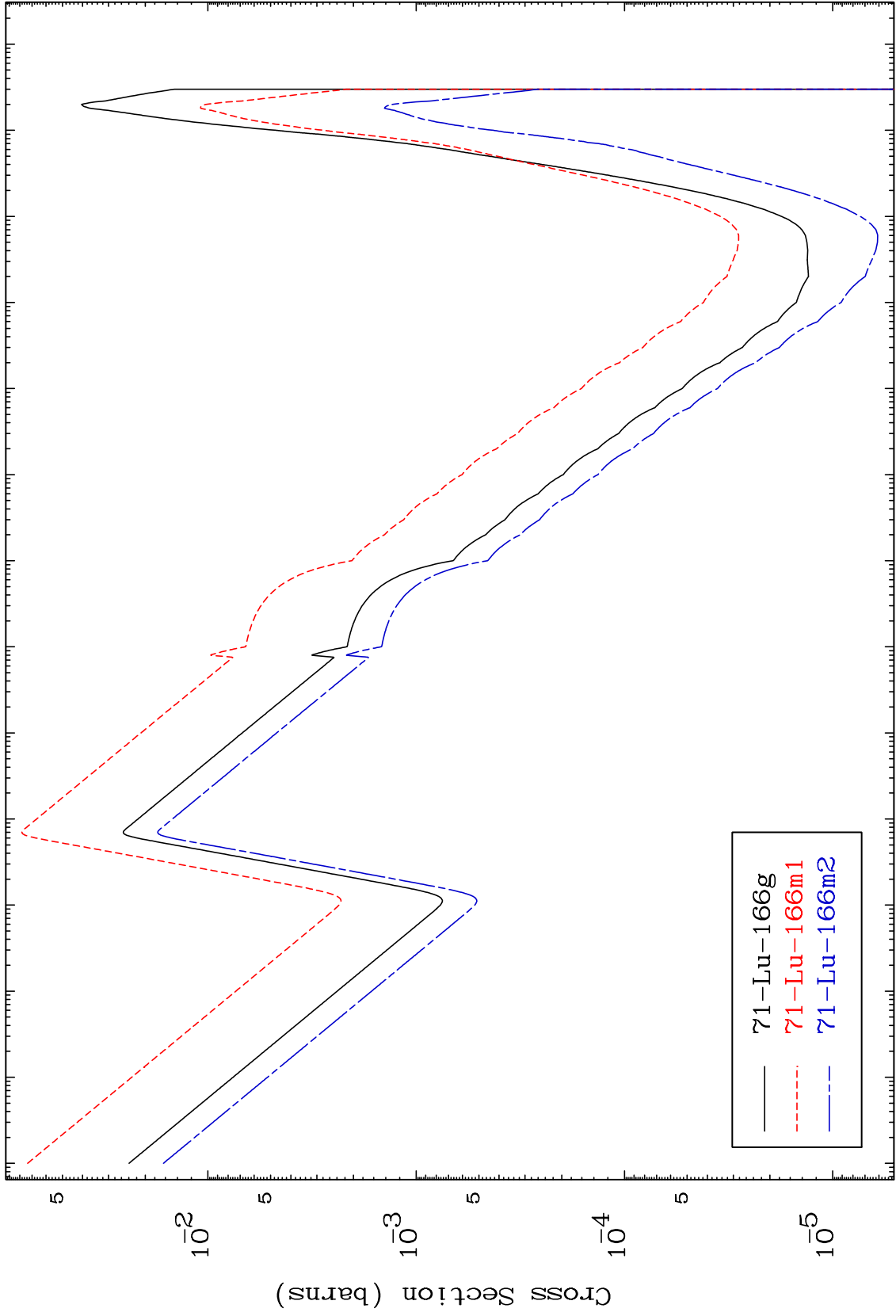
115

Incident Energy (MeV)

73-Ta-169

Radionuclide Production Cross Section

(n, α)

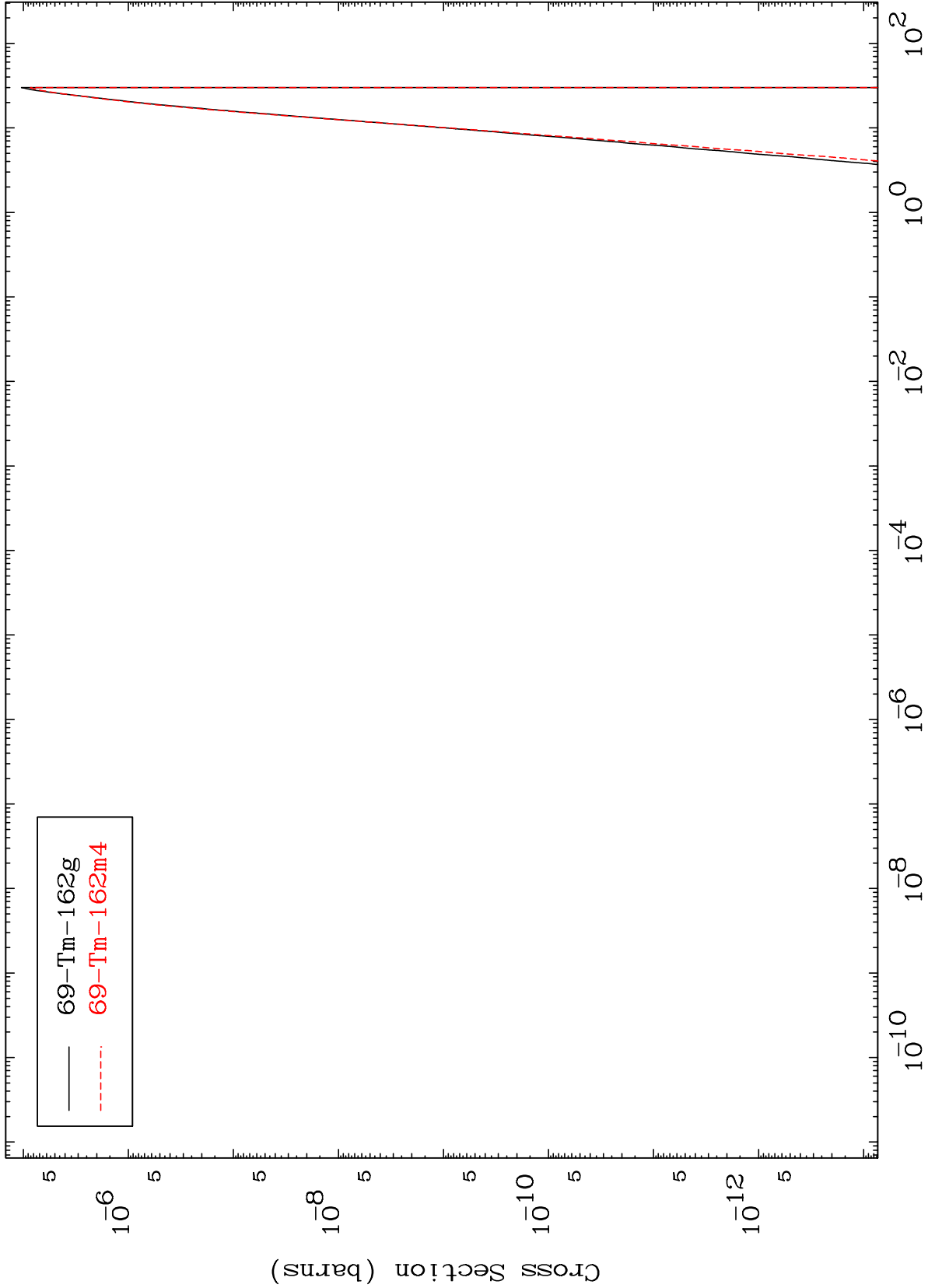


MAT 7292

(n,2α)

73-Ta-169

Radionuclide Production Cross Section



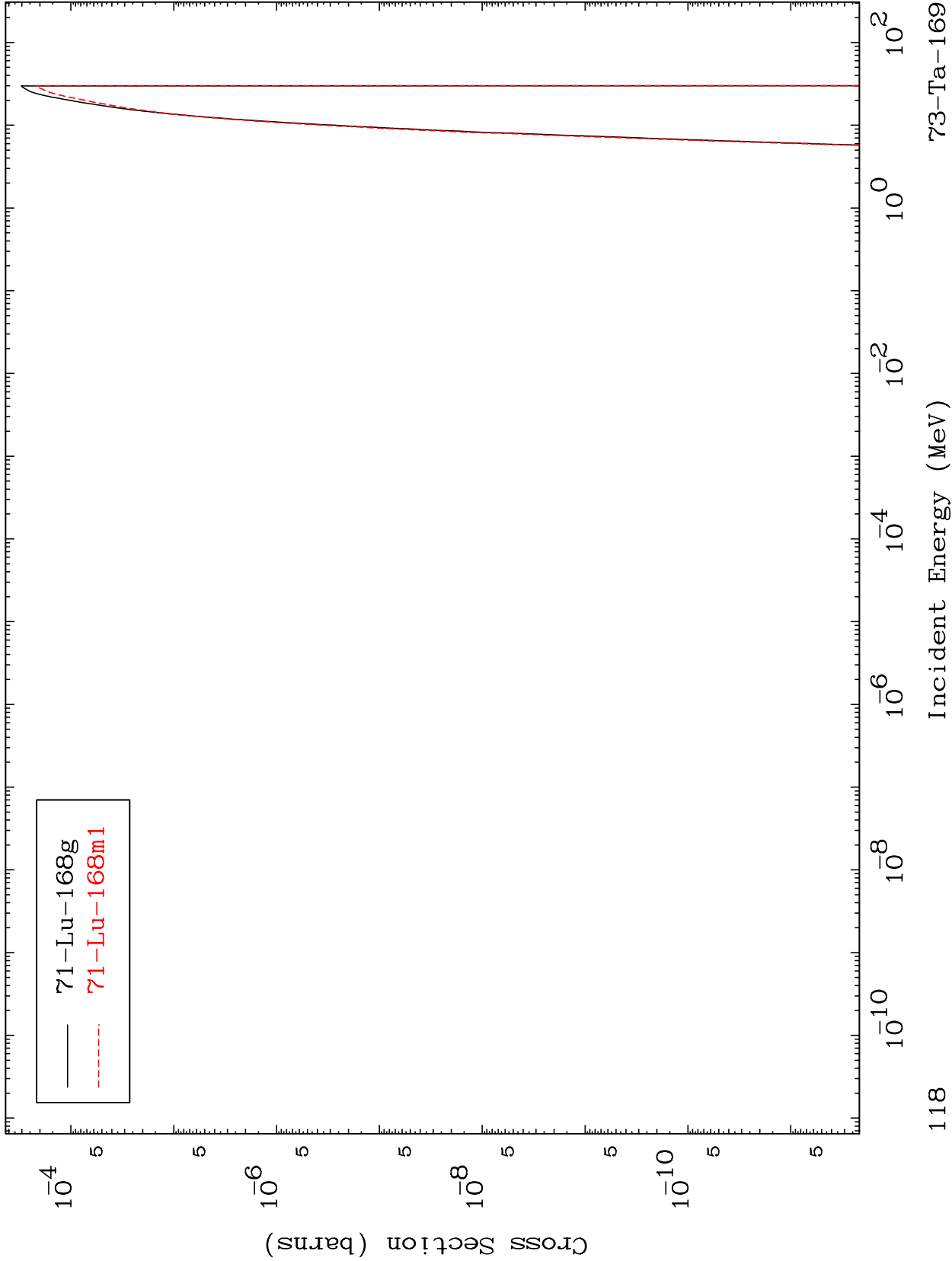
69-Tm-162g
69-Tm-162m4

MAT 7292

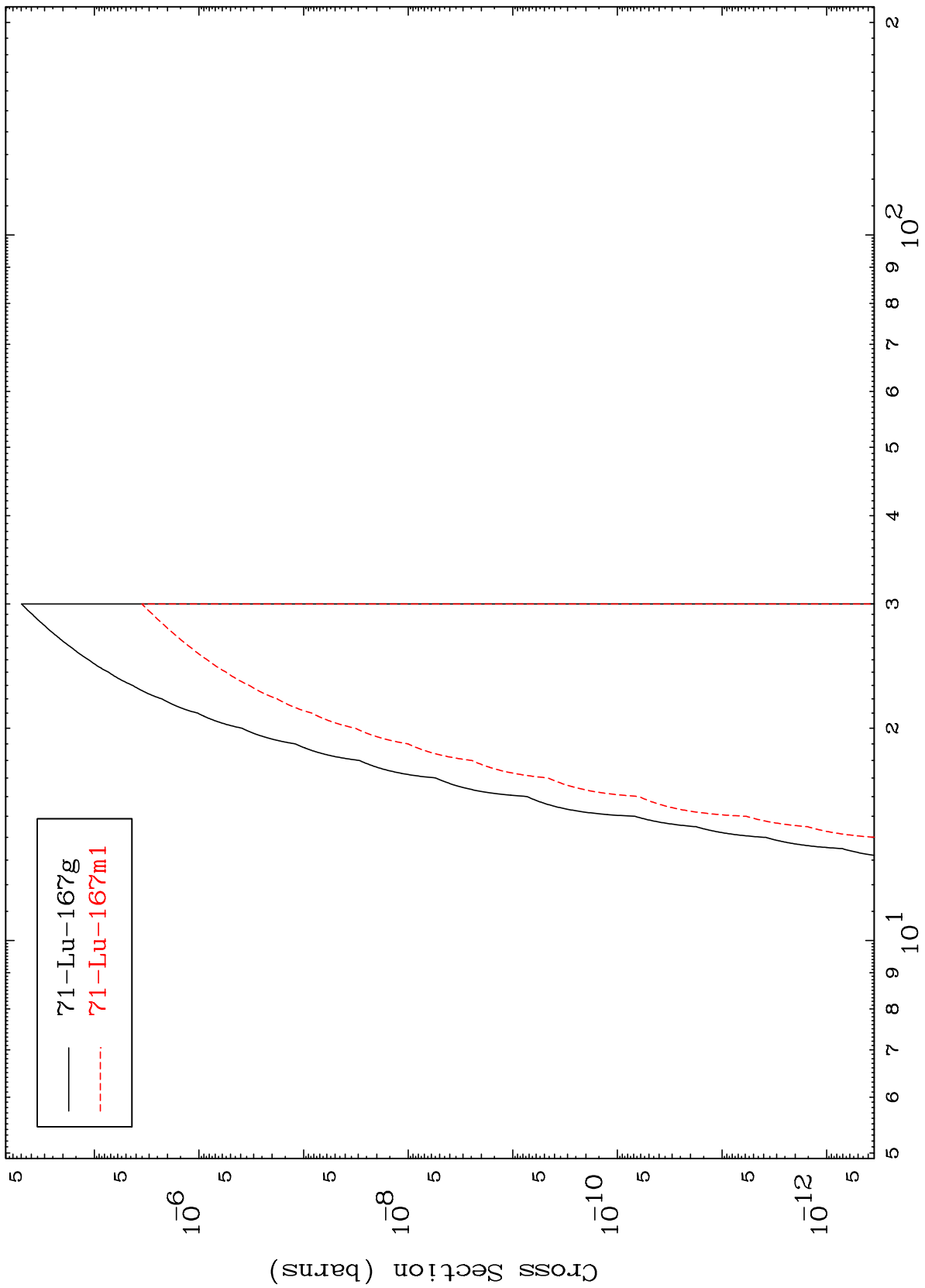
(n,2p)

73-Ta-169

Radionuclide Production Cross Section



Radionuclide Production Cross Section



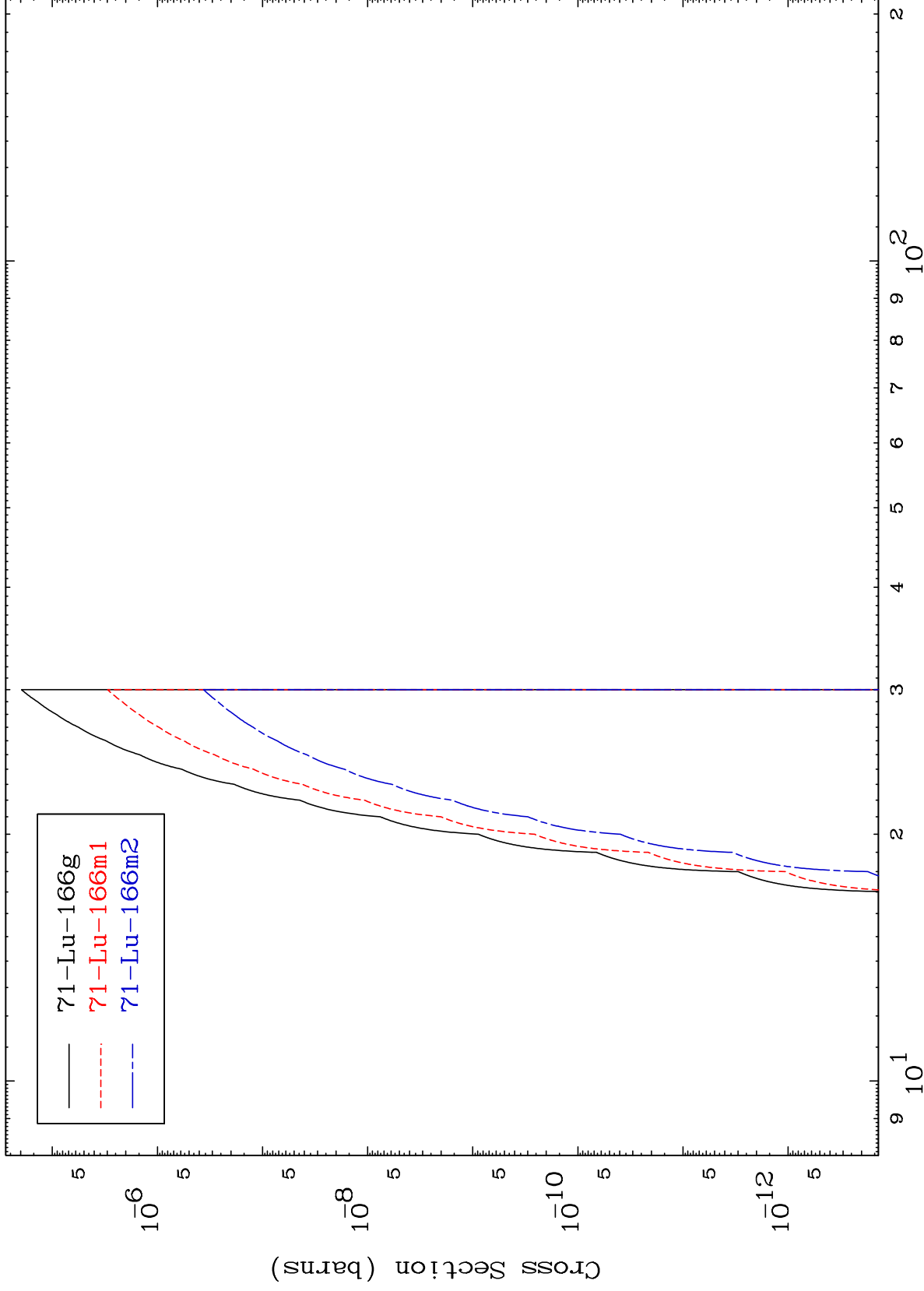
71-Lu-167g
71-Lu-167m1

MAT 7292

(n,p) t

⁷³Ta-169

Radionuclide Production Cross Section



120

Incident Energy (MeV)

⁷³Ta-169