

Program EVALPLOT
(Version 2018-1)

by

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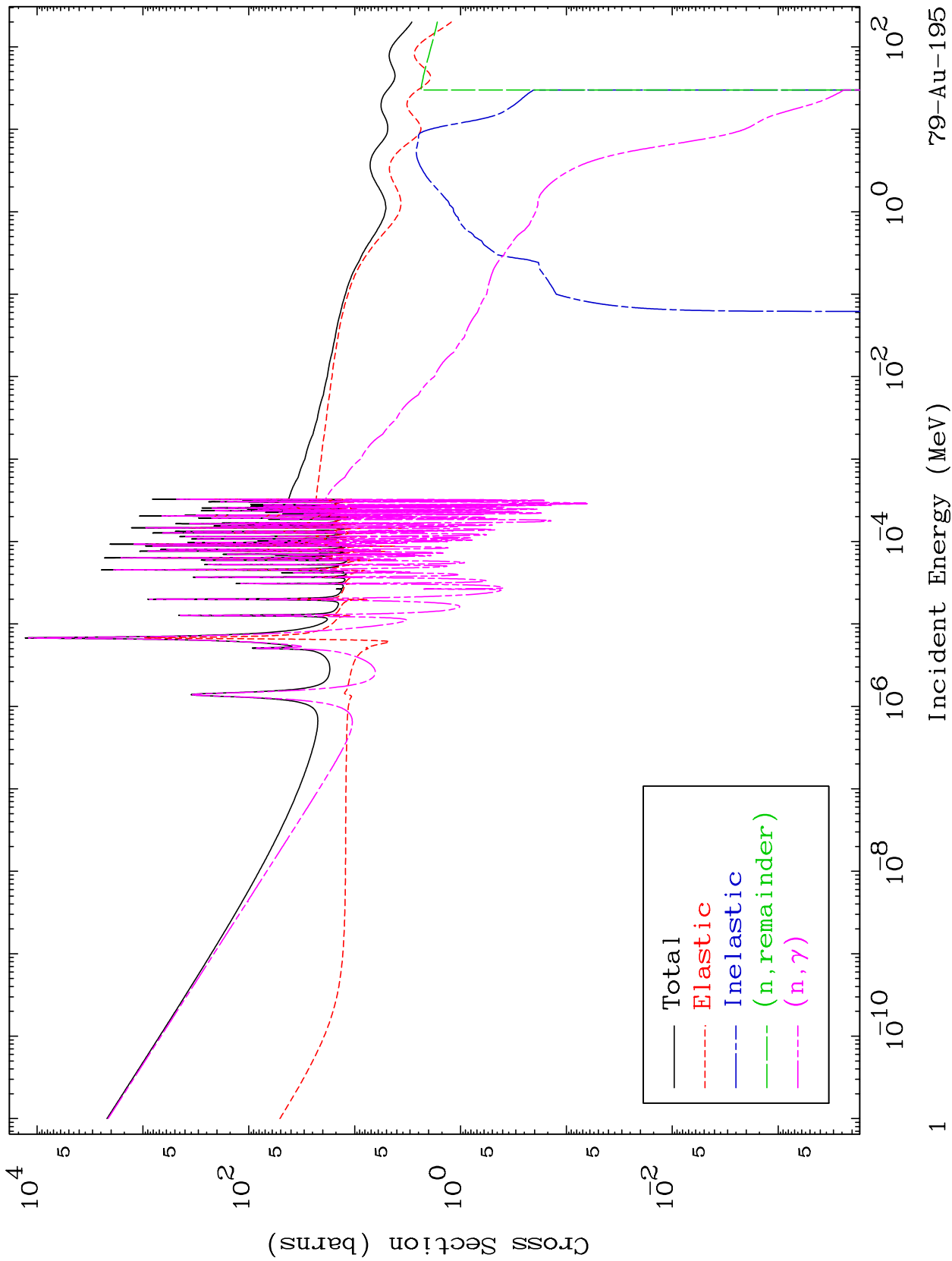
Press Mouse Button to Start

MAT 7919

Major

293 Kelvin Cross Sections

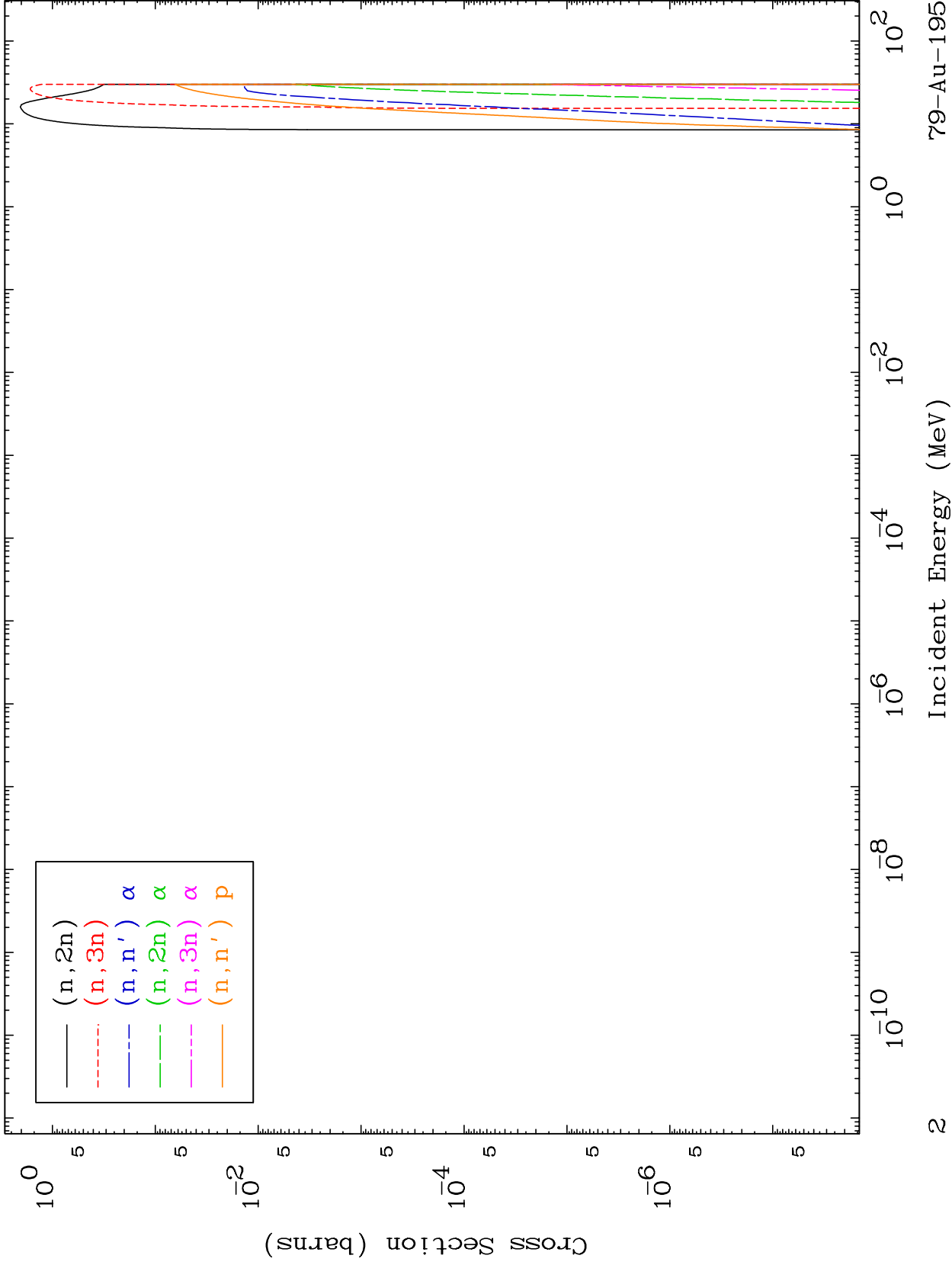
79-Au-195

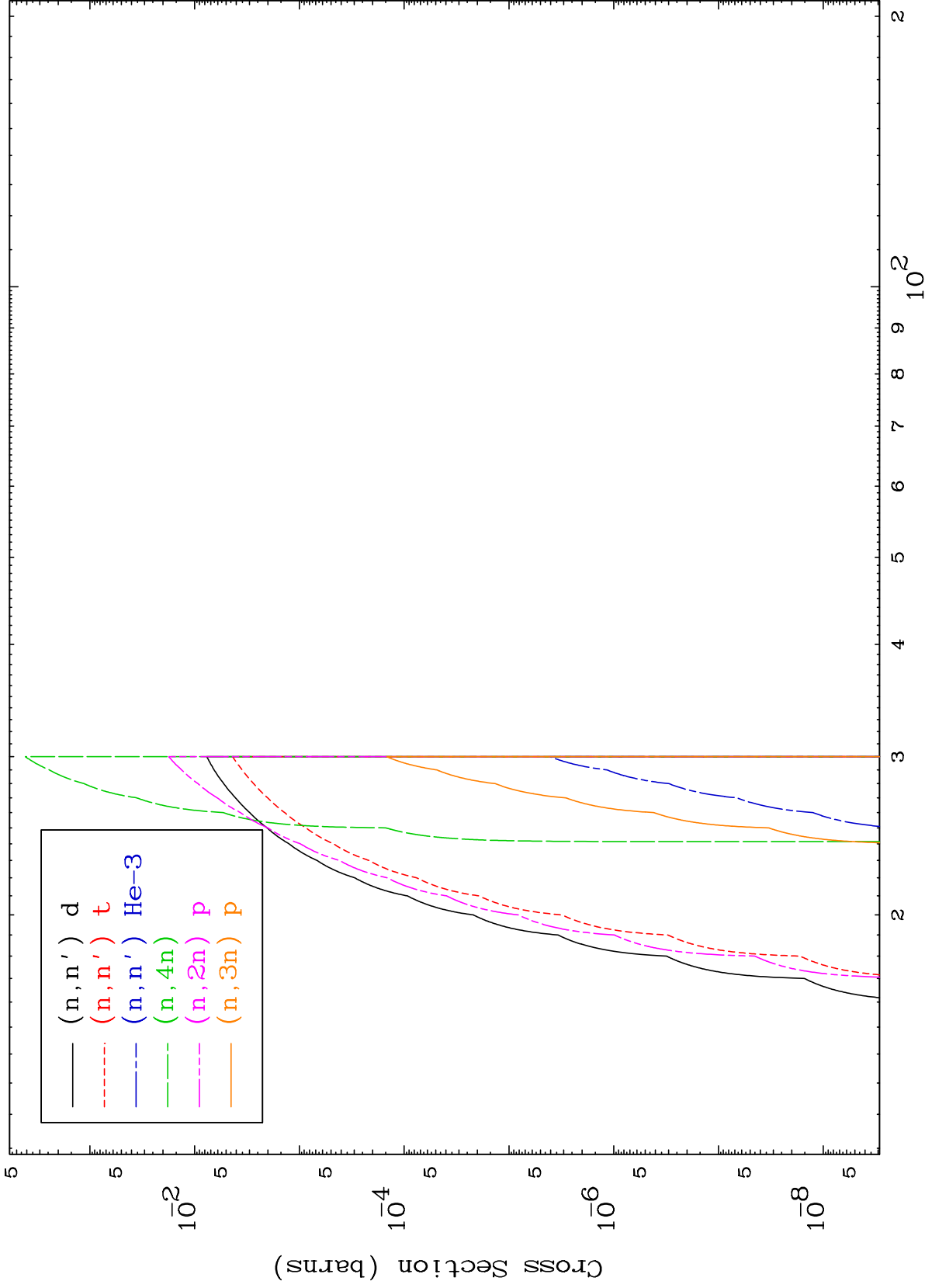


MAT 7919

Neutron Production
293 Kelvin Cross Sections

79-Au-195

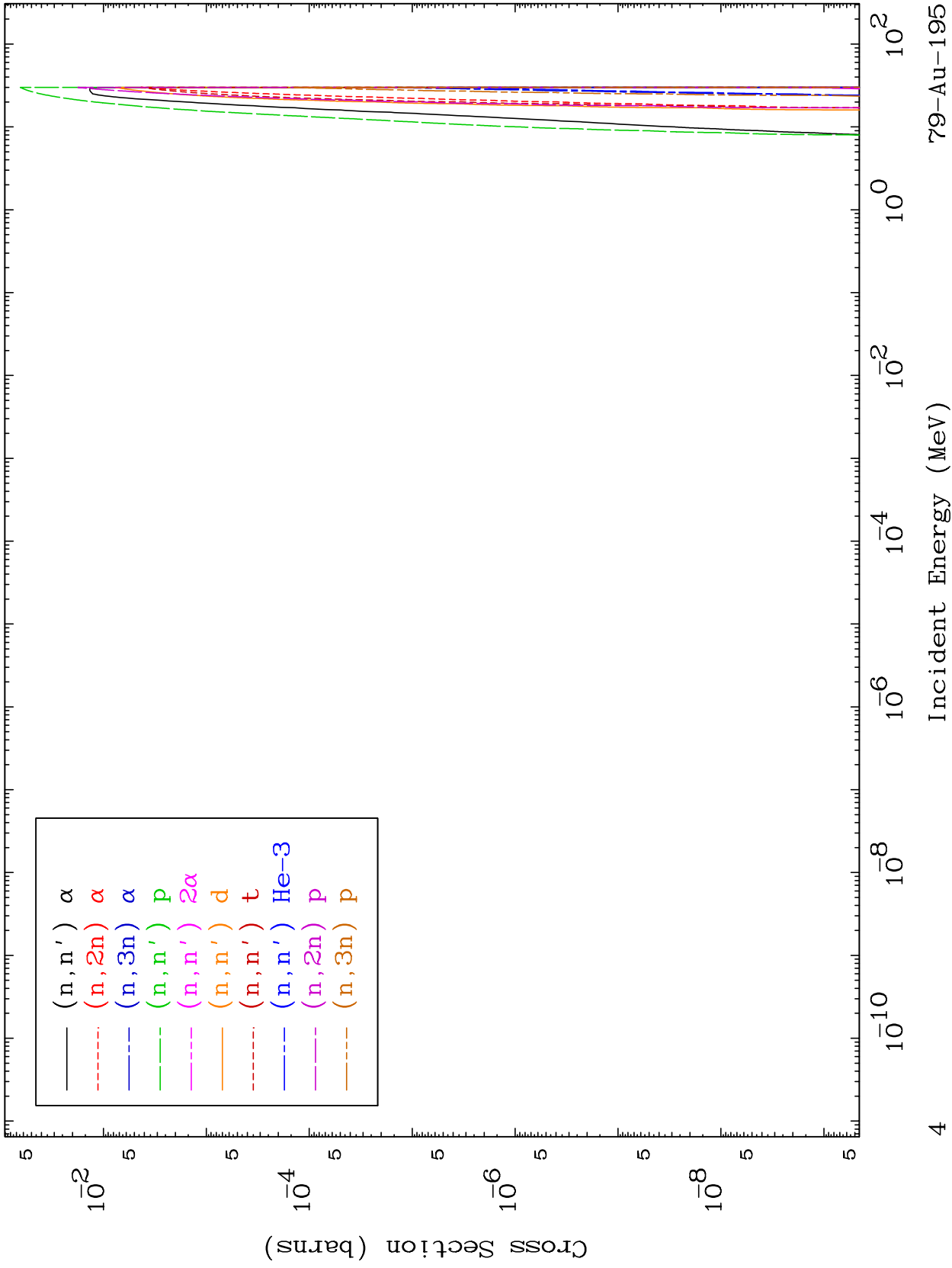




MAT 7919

Charged Particle
293 Kelvin Cross Sections

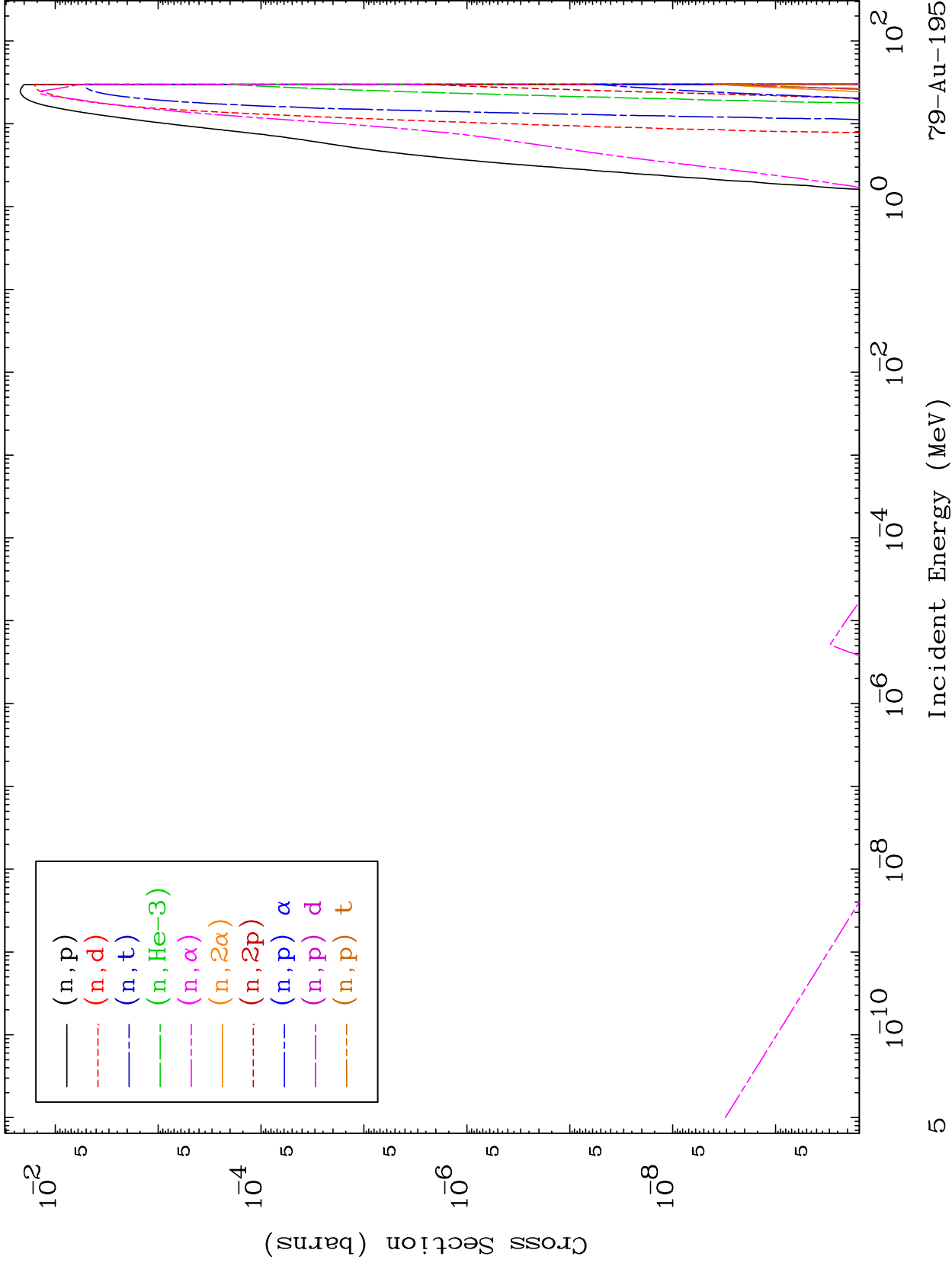
79-Au-195



MAT 7919

Charged Particle
293 Kelvin Cross Sections

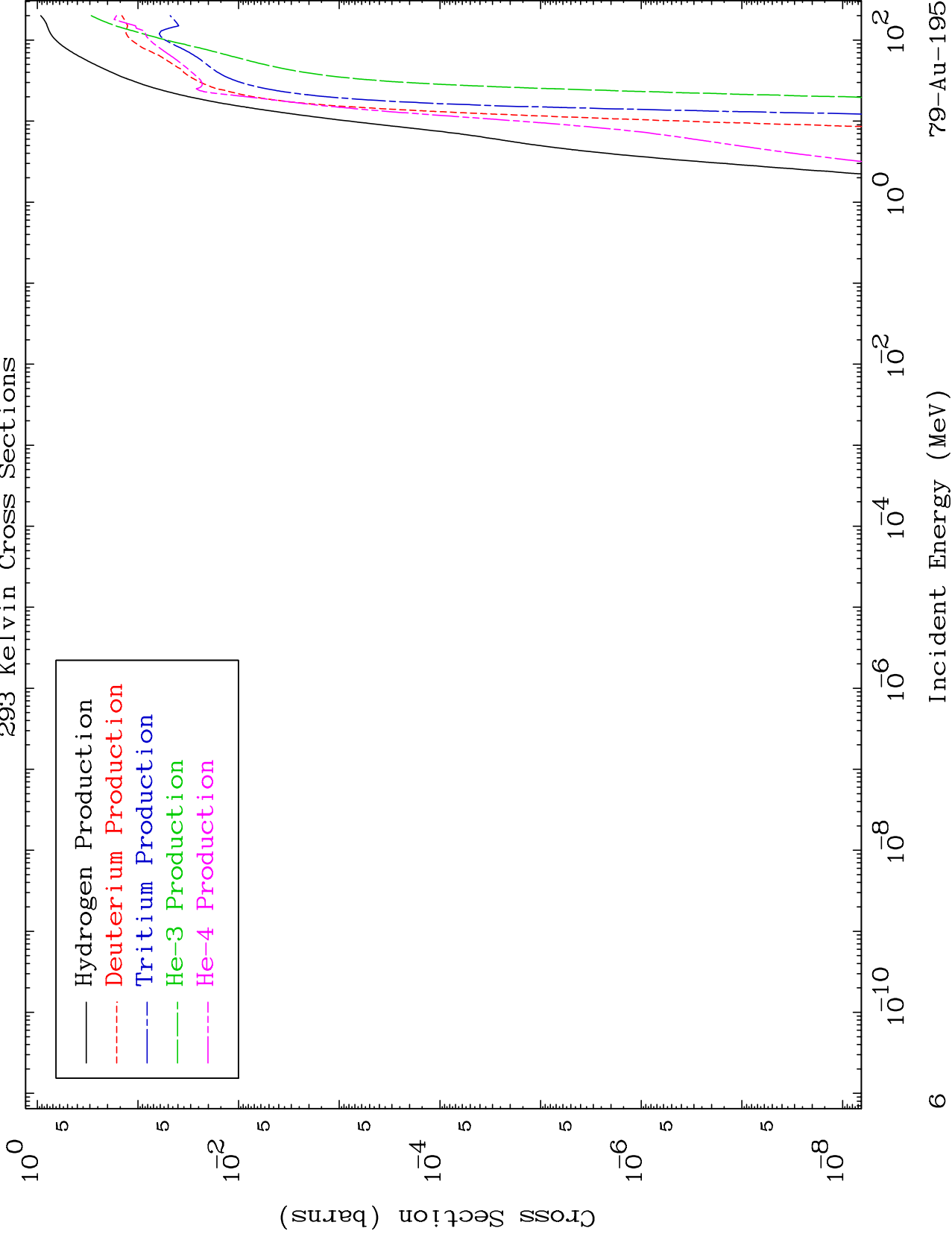
79-Au-195



MAT 7919

Particle Production
293 Kelvin Cross Sections

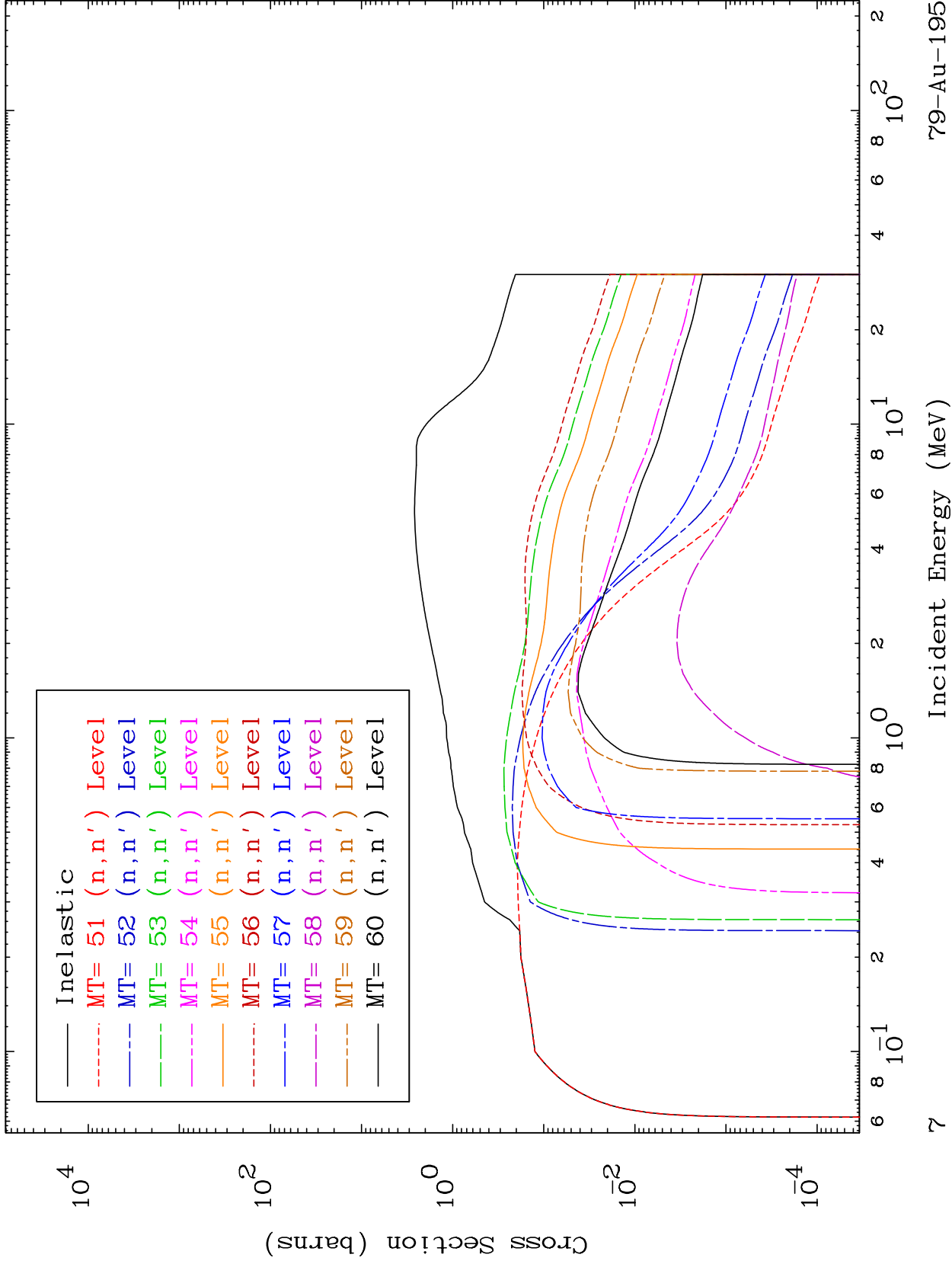
79-Au-195



MAT 7919

(n,n') Level
293 Kelvin Cross Sections

79-Au-195

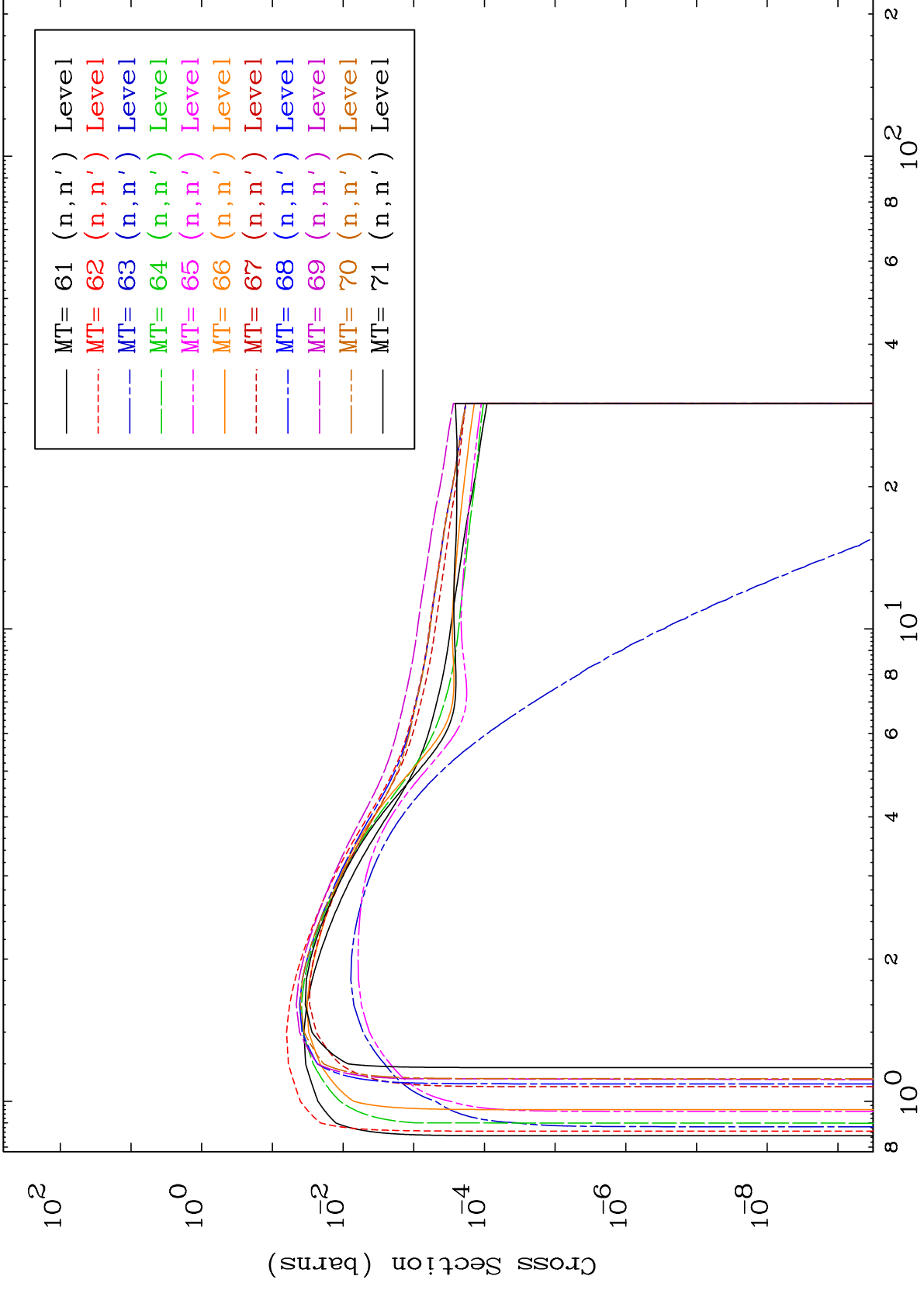


MAT 7919

(n,n') Level

293 Kelvin Cross Sections

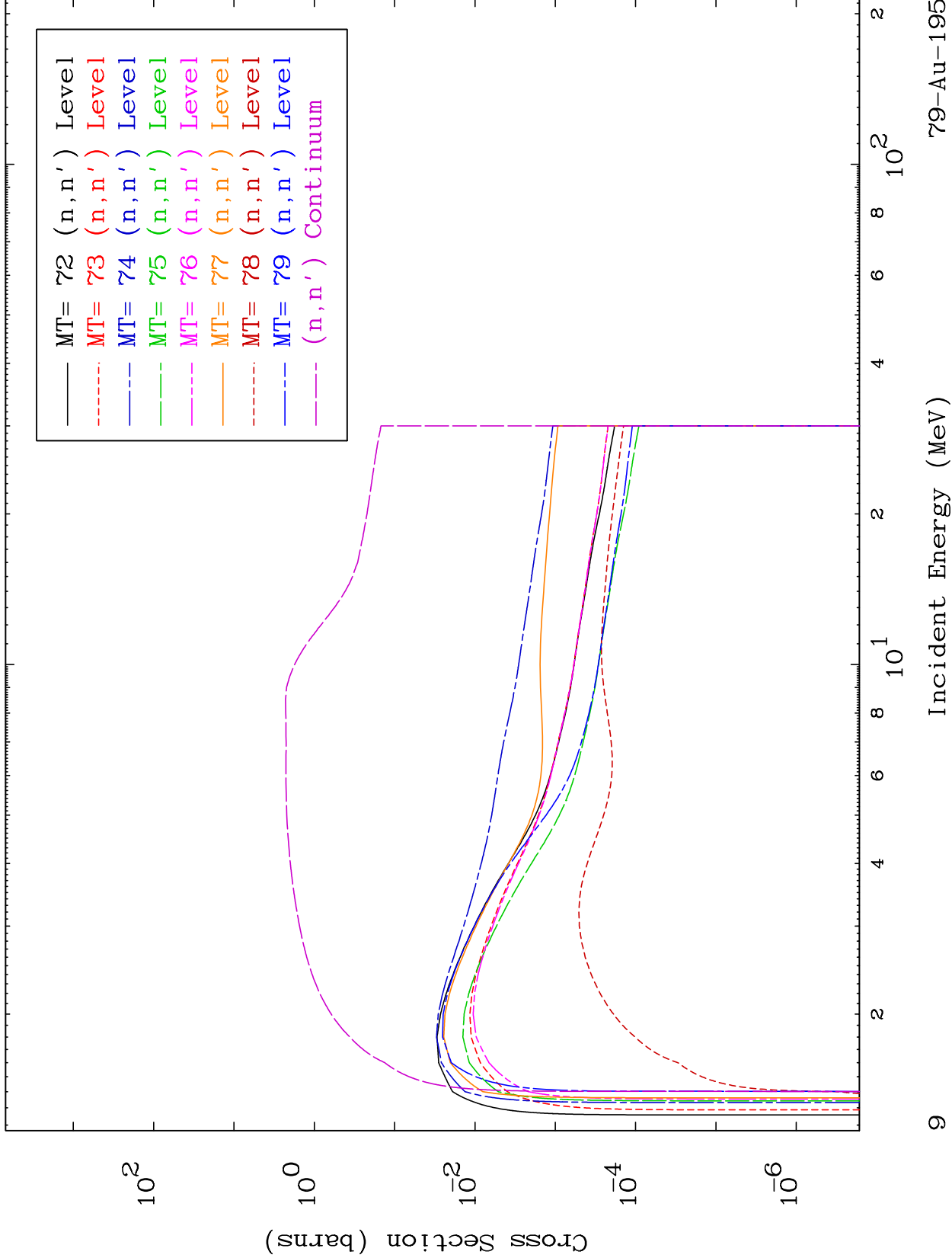
79-Au-195



Incident Energy (MeV)

79-Au-195

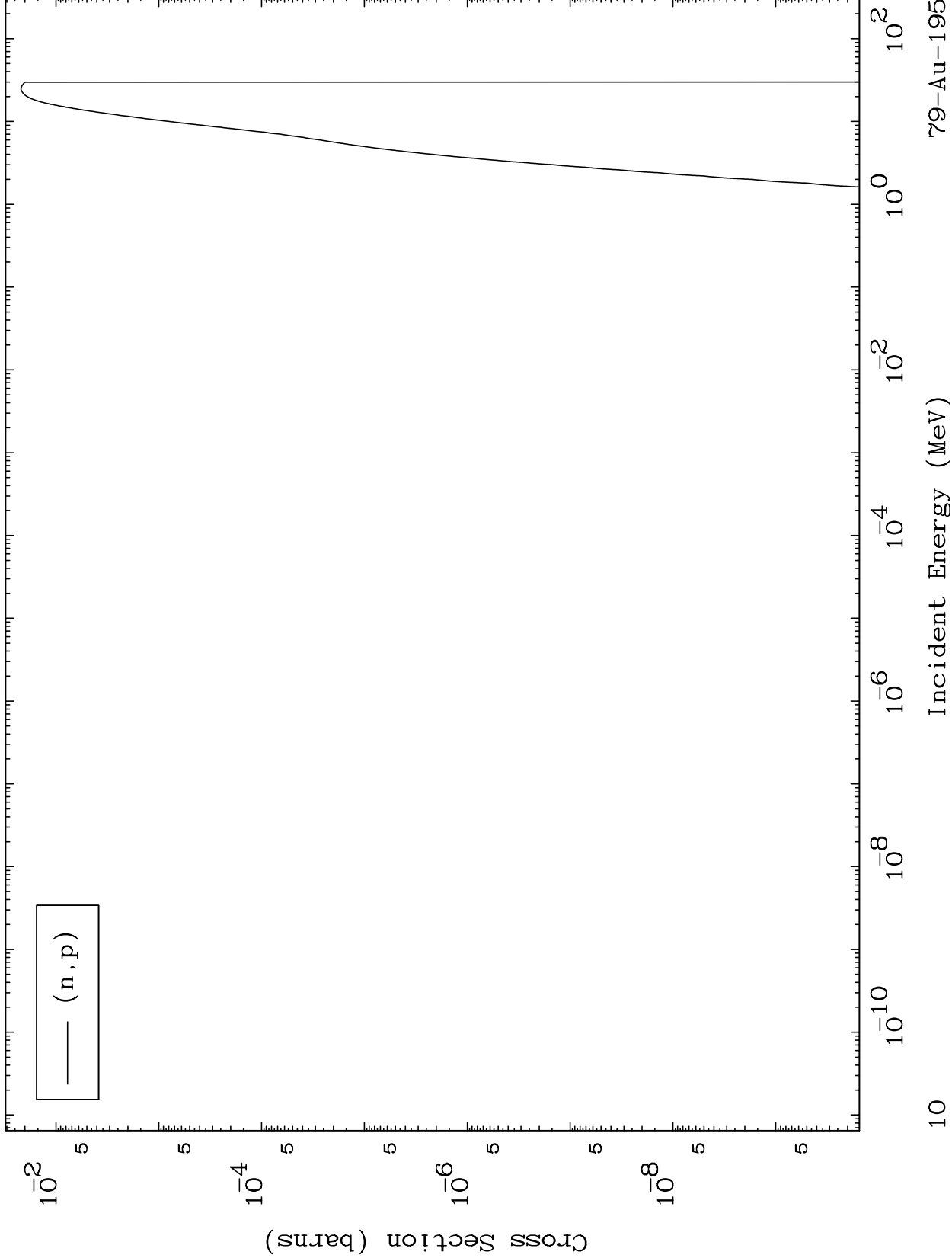
293 Kelvin Cross Sections



MAT 7919

(n,p) Levels
293 Kelvin Cross Sections

79-Au-195



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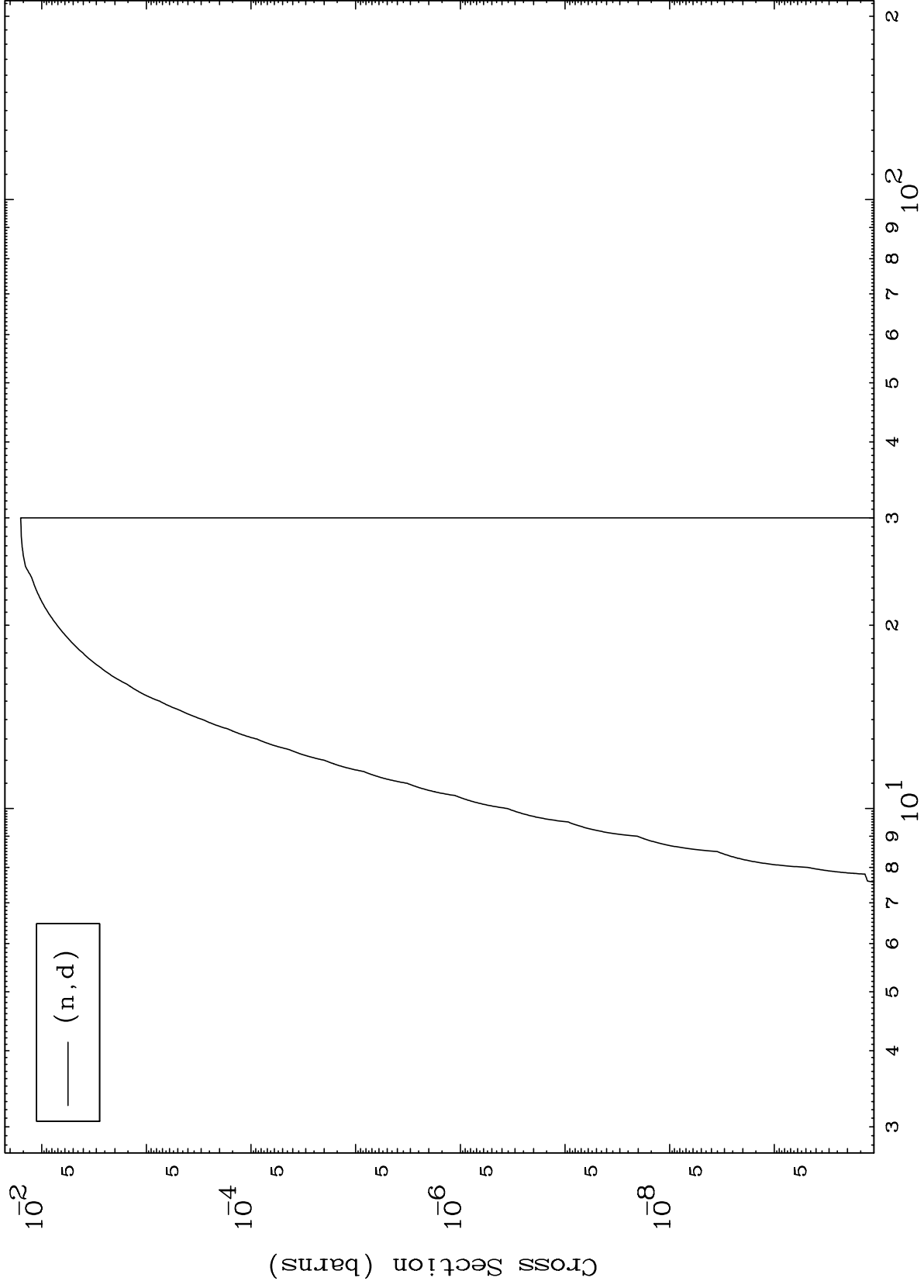
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,d) Levels
293 Kelvin Cross Sections

79-Au-195



11

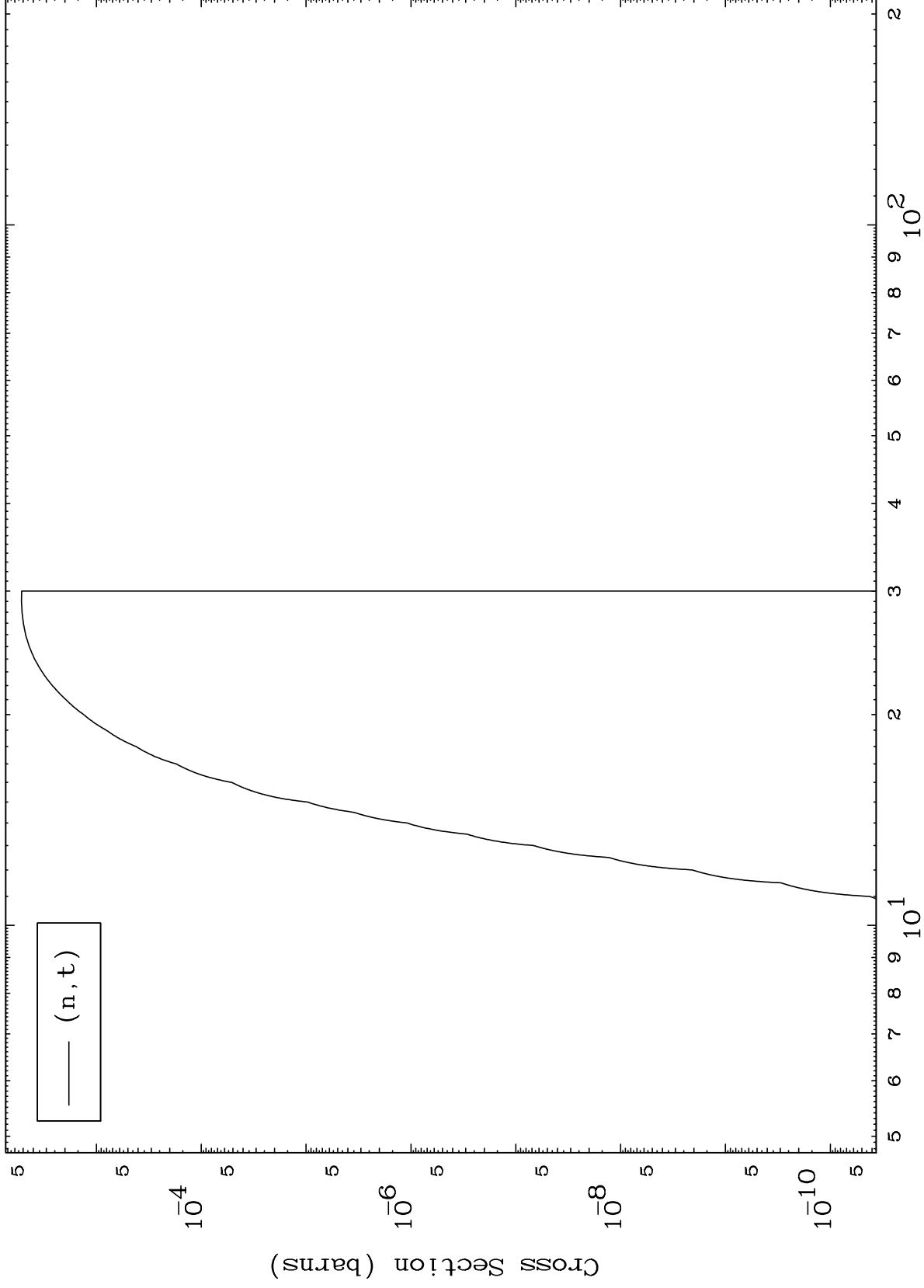
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,t) Levels
293 Kelvin Cross Sections

79-Au-195



12

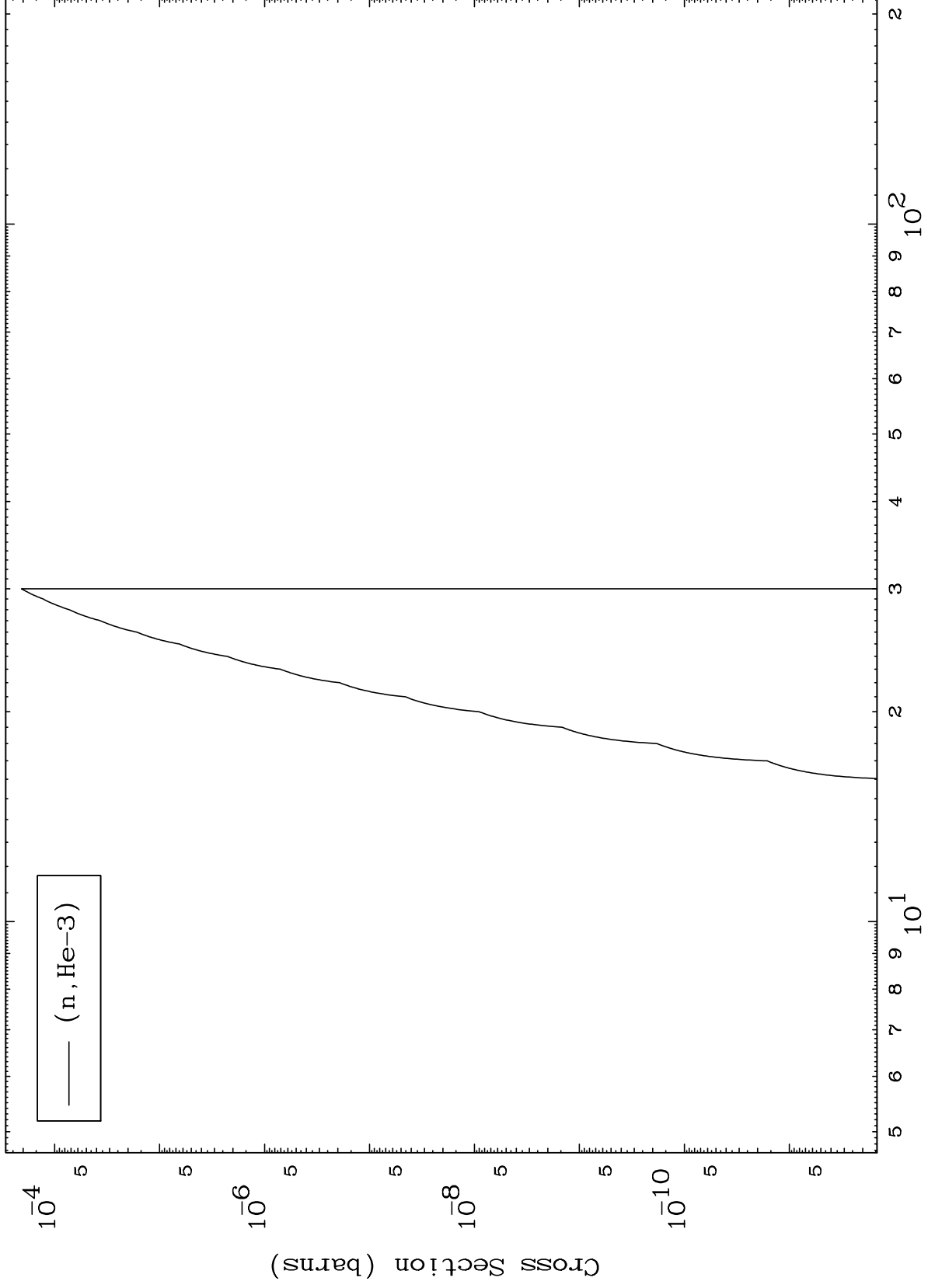
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-195



13

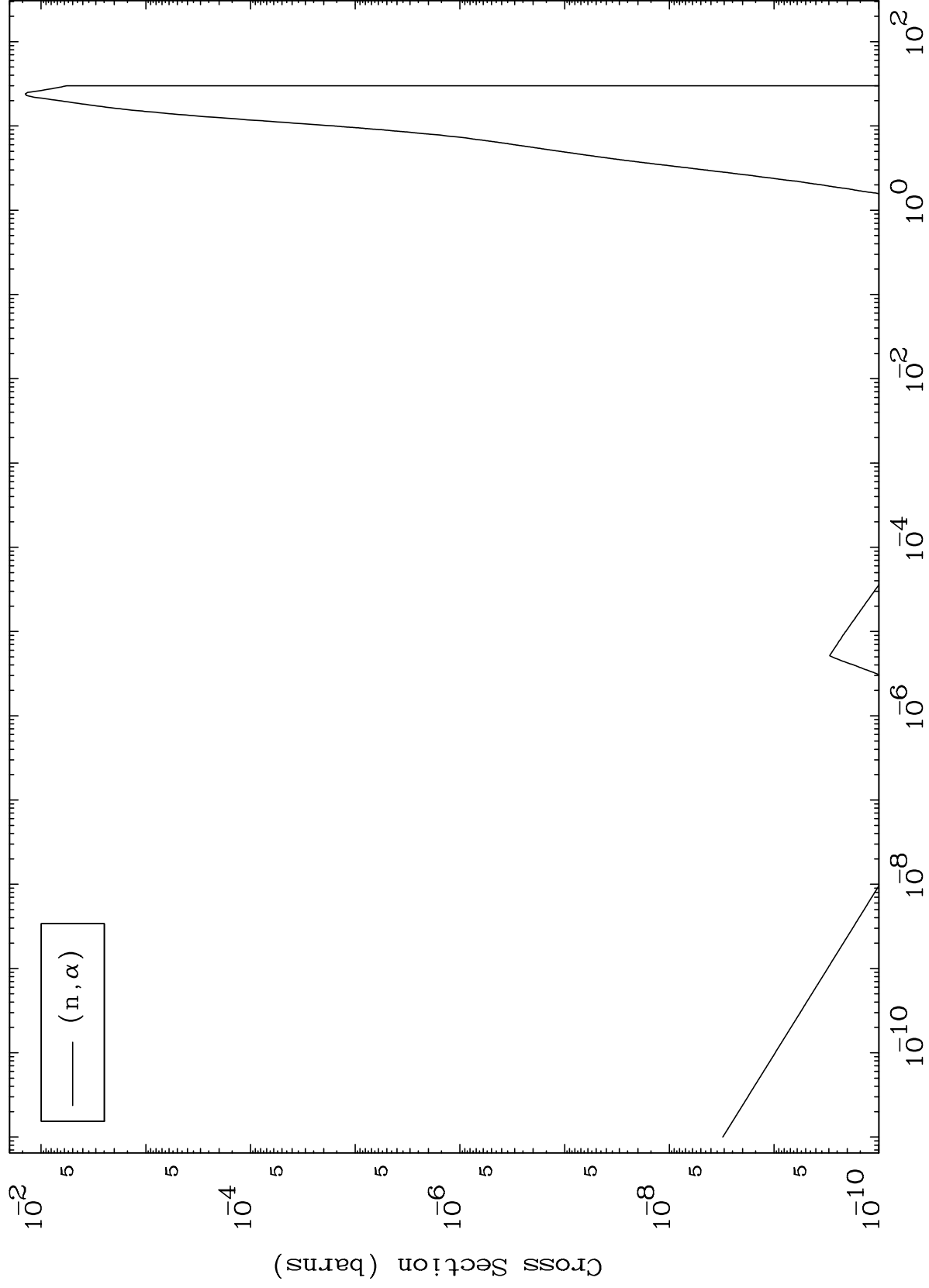
Incident Energy (MeV)

79-Au-195

MAT 7919

(n, α) Levels
293 Kelvin Cross Sections

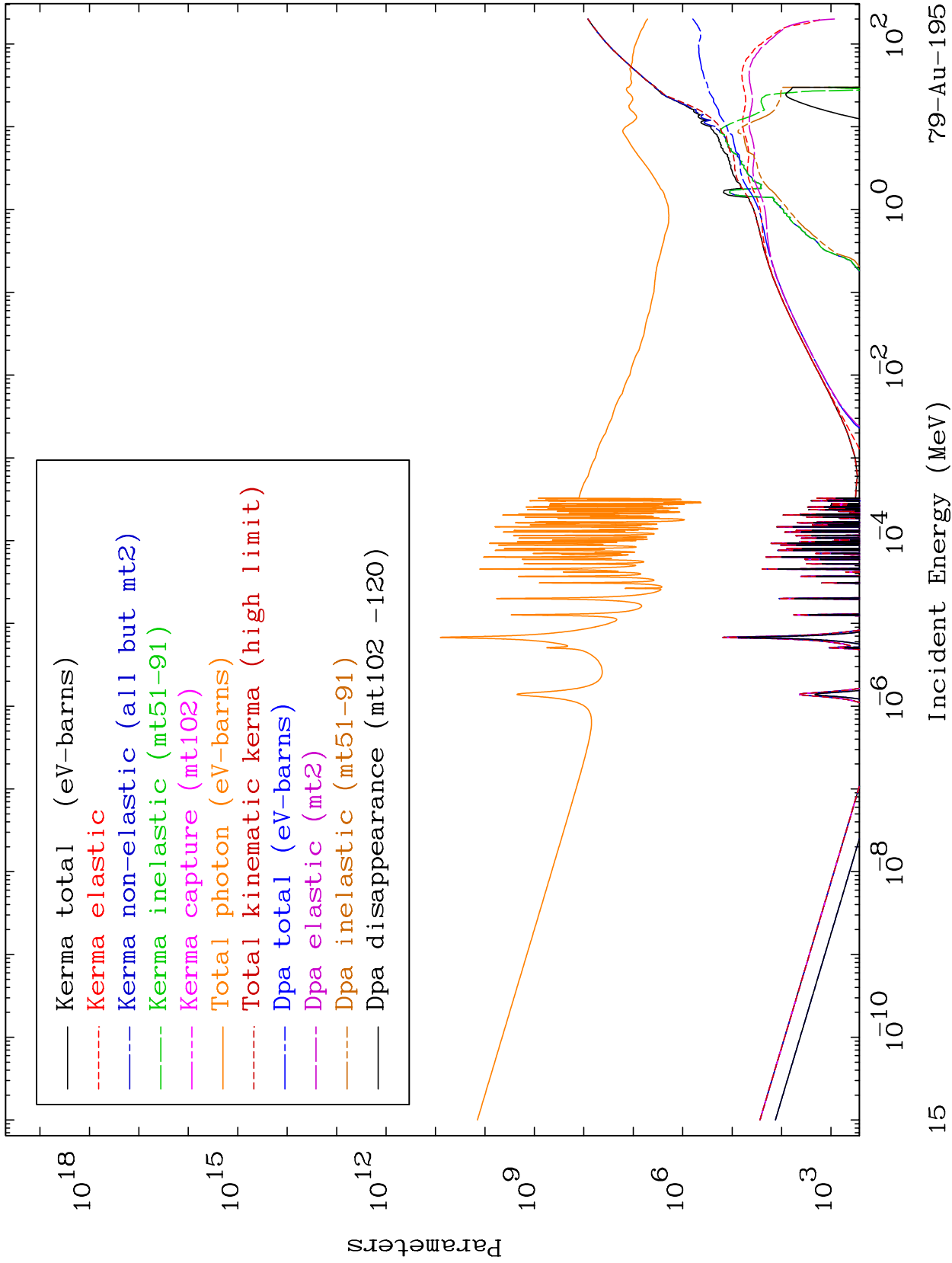
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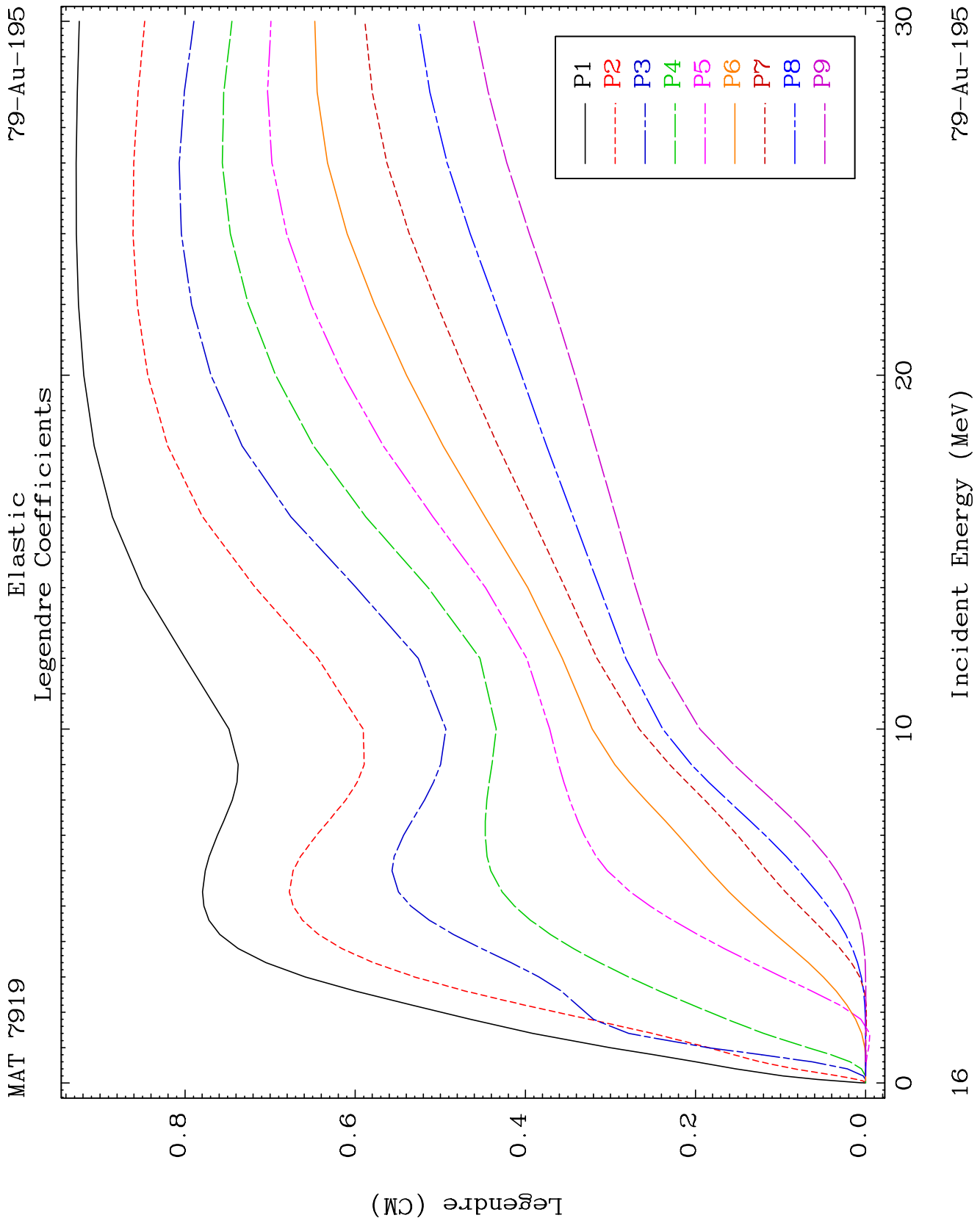


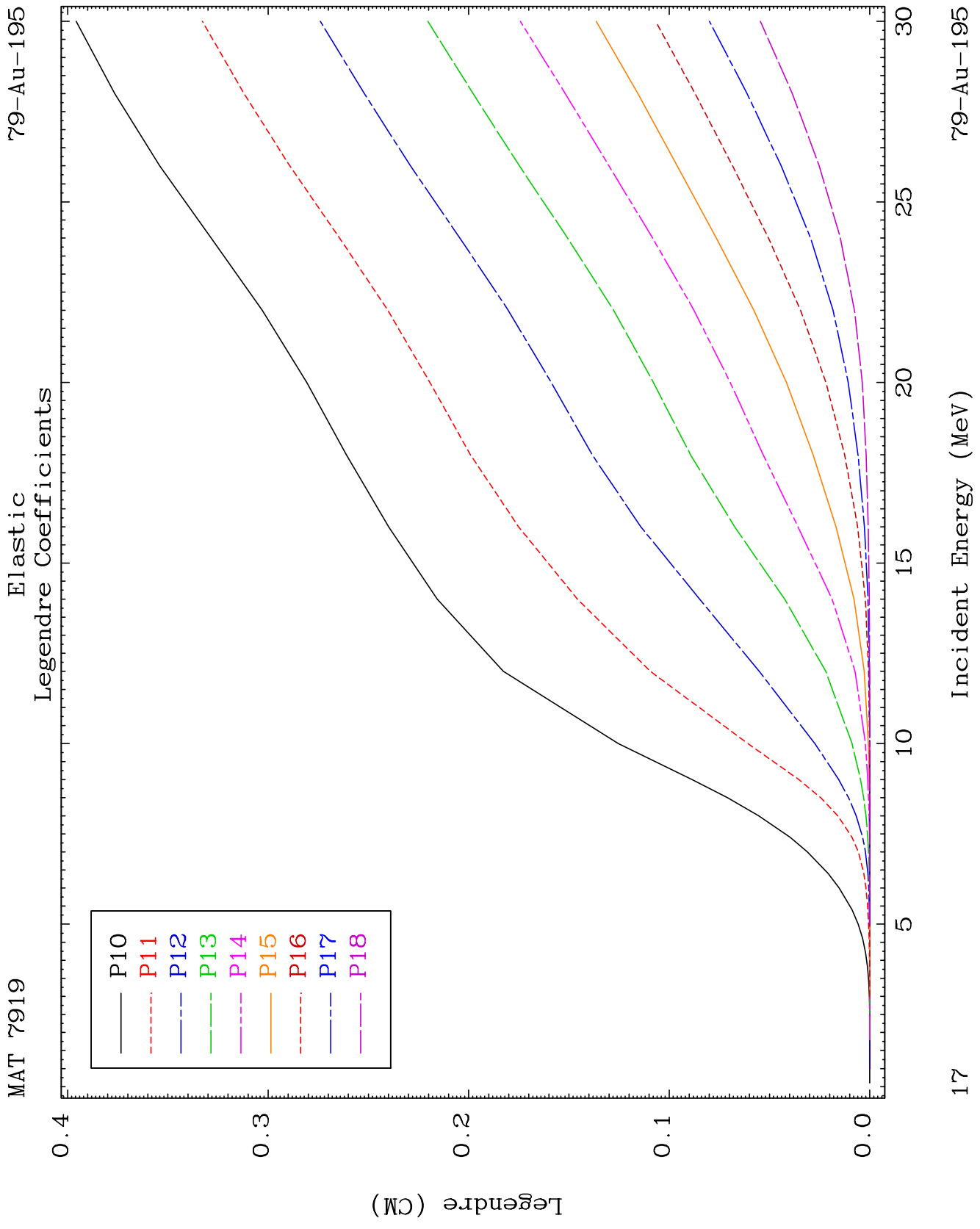
14

Incident Energy (MeV)

79-Au-195



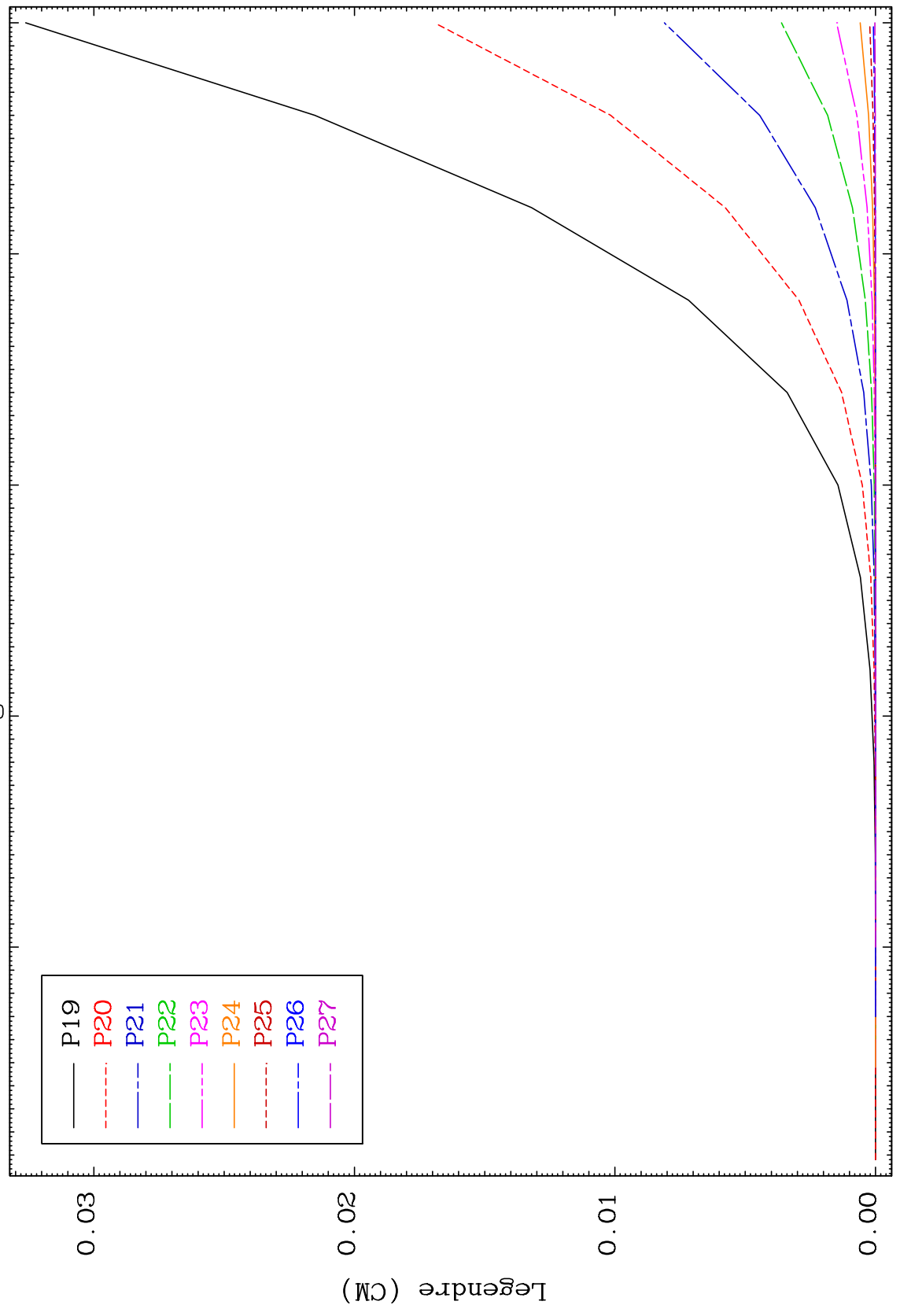




MAT 7919

Elastic Legendre Coefficients

79-Au-195



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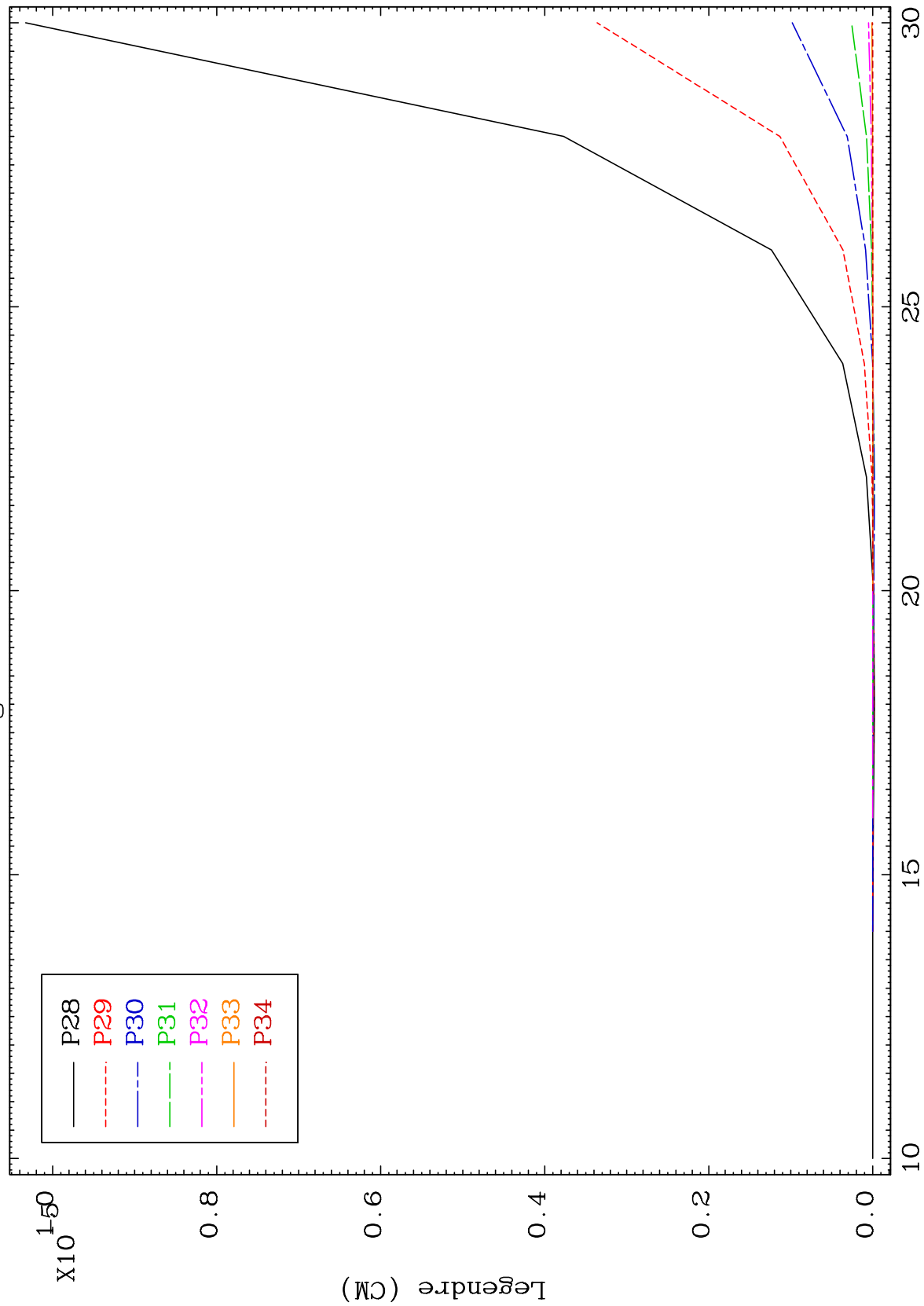
Incident Energy (MeV)

79-Au-195

MAT 7919

Elastic Legendre Coefficients

79-Au-195



19

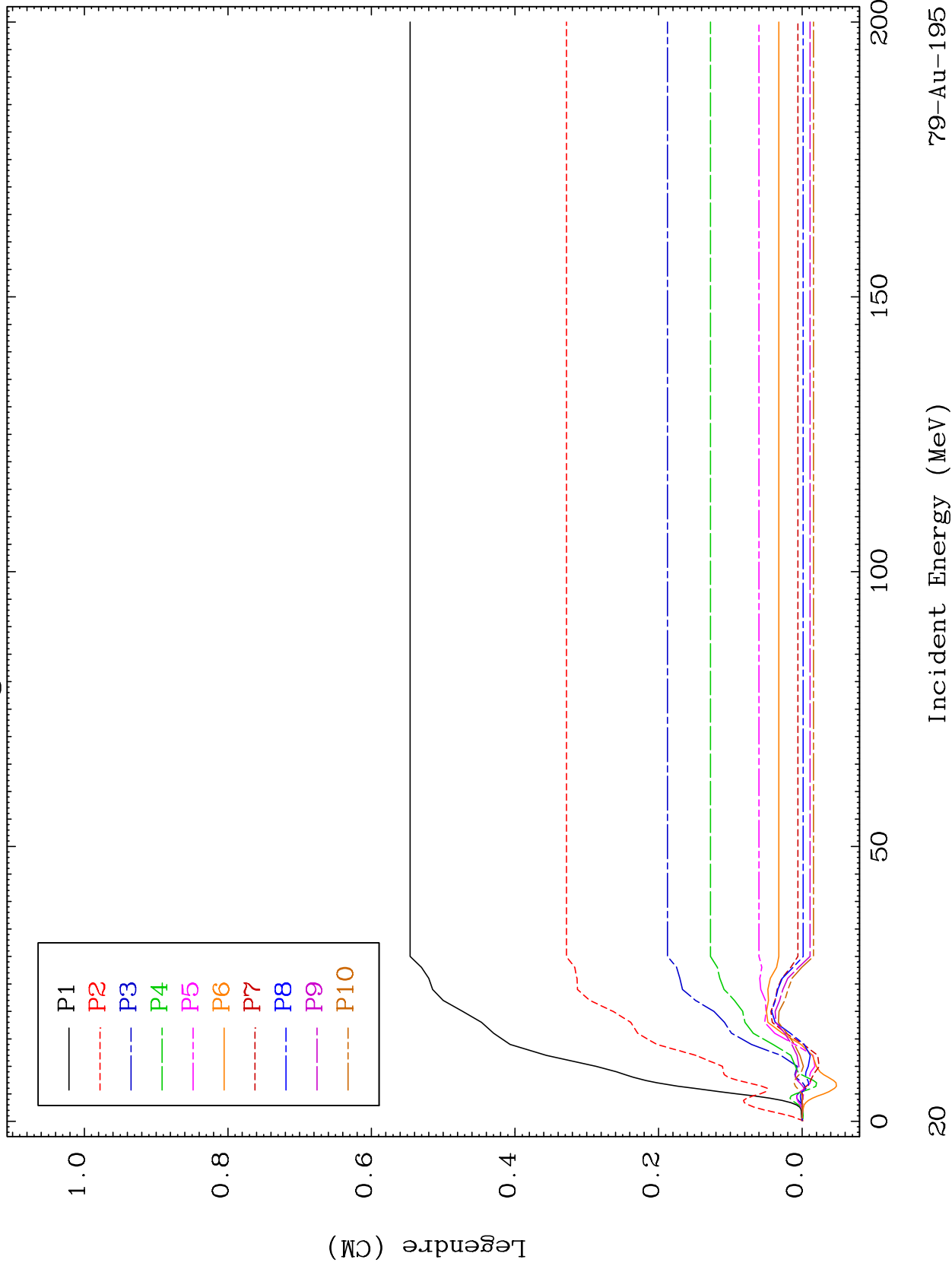
Incident Energy (MeV)

79-Au-195

MAT 7919

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

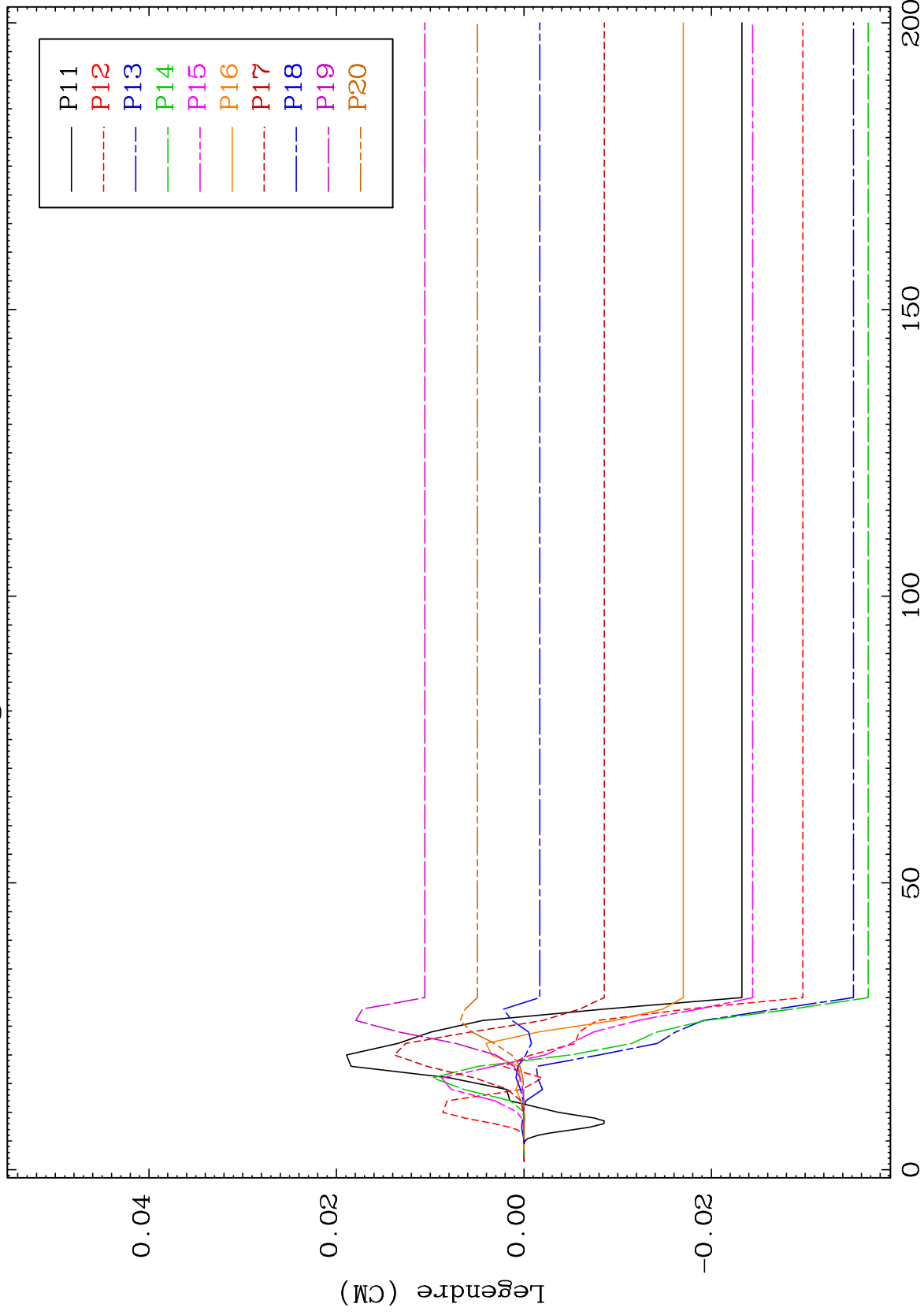
79-Au-195



MAT 7919

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

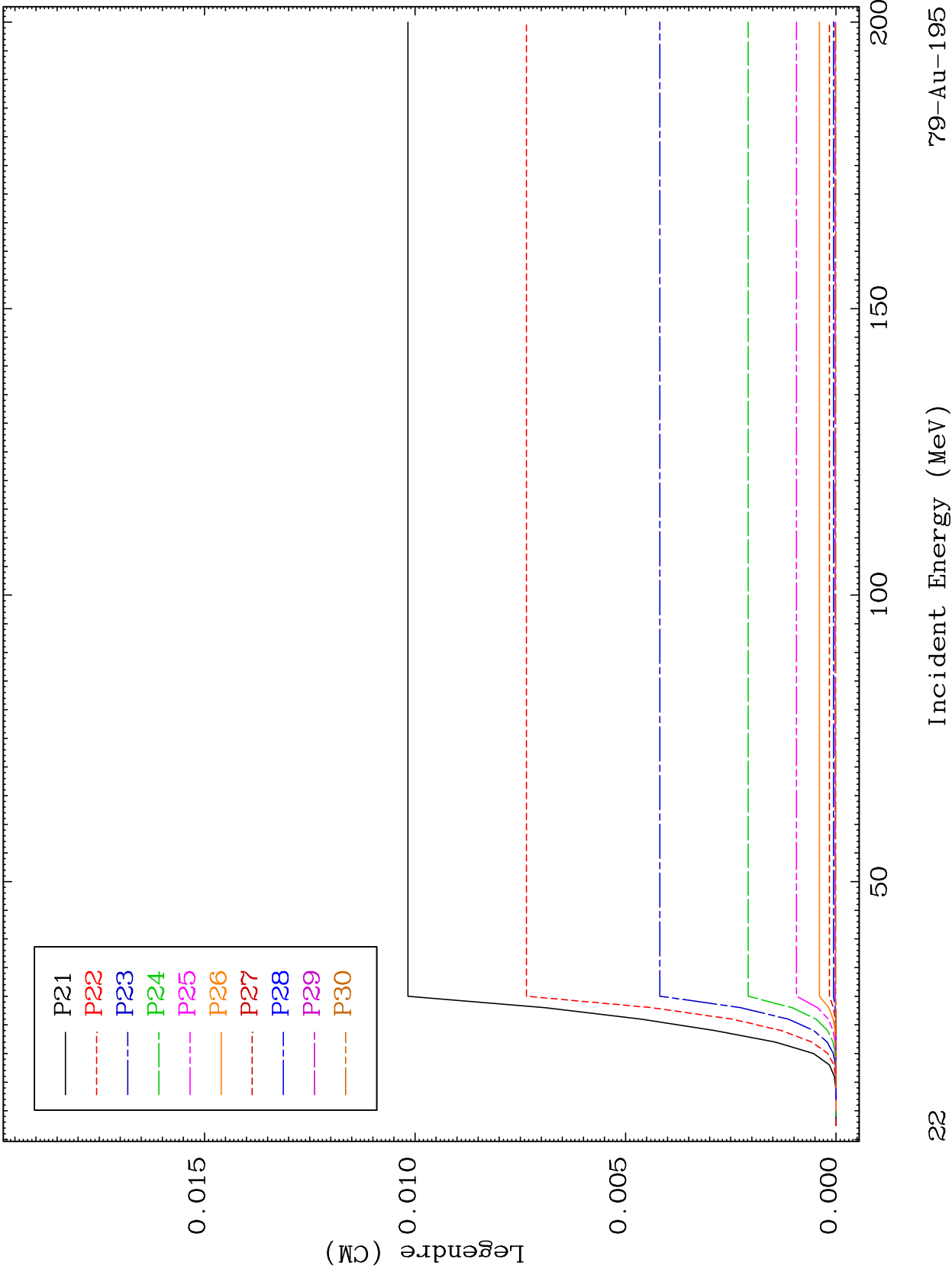
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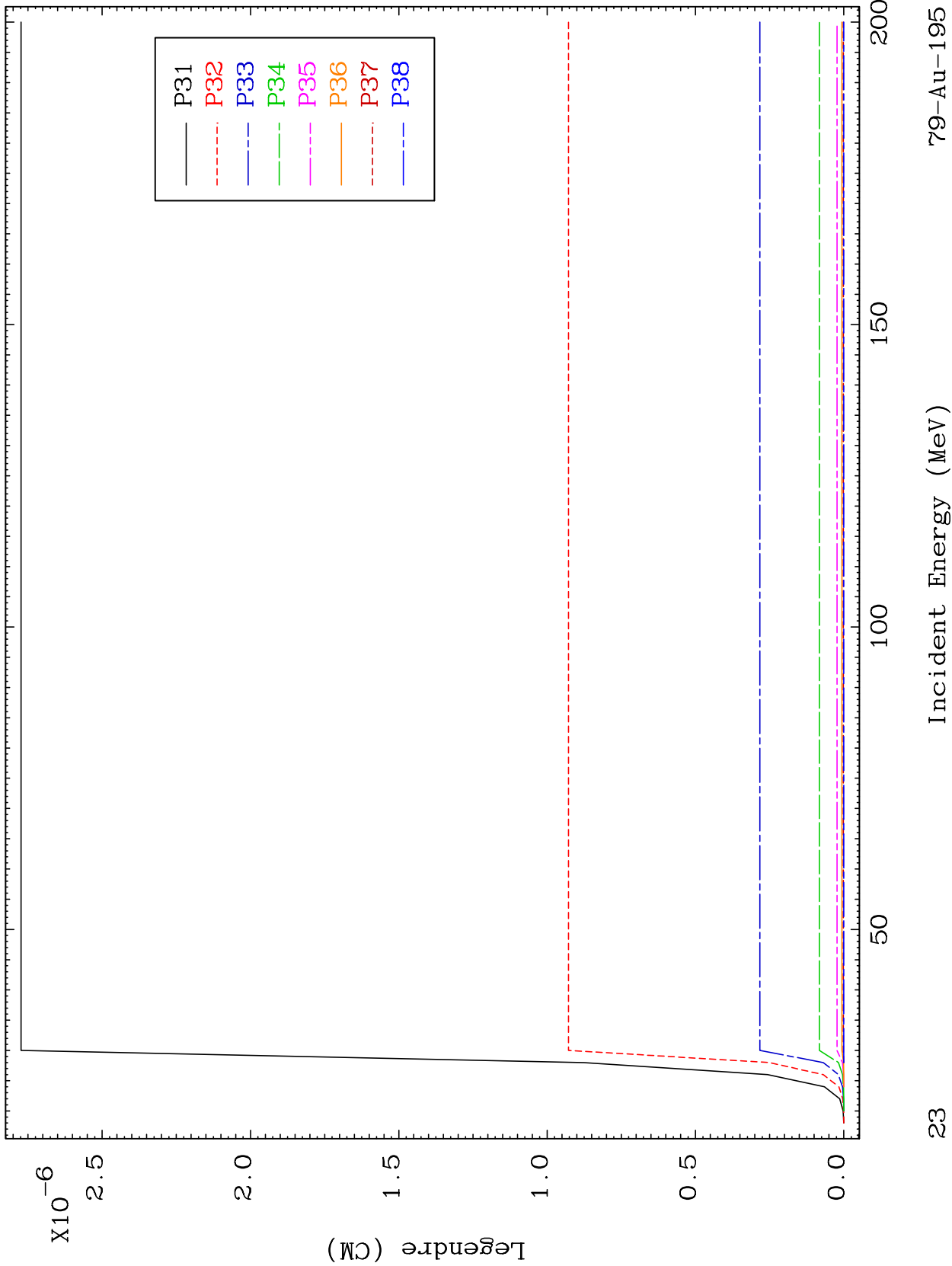


21

Incident Energy (MeV)

79-Au-195

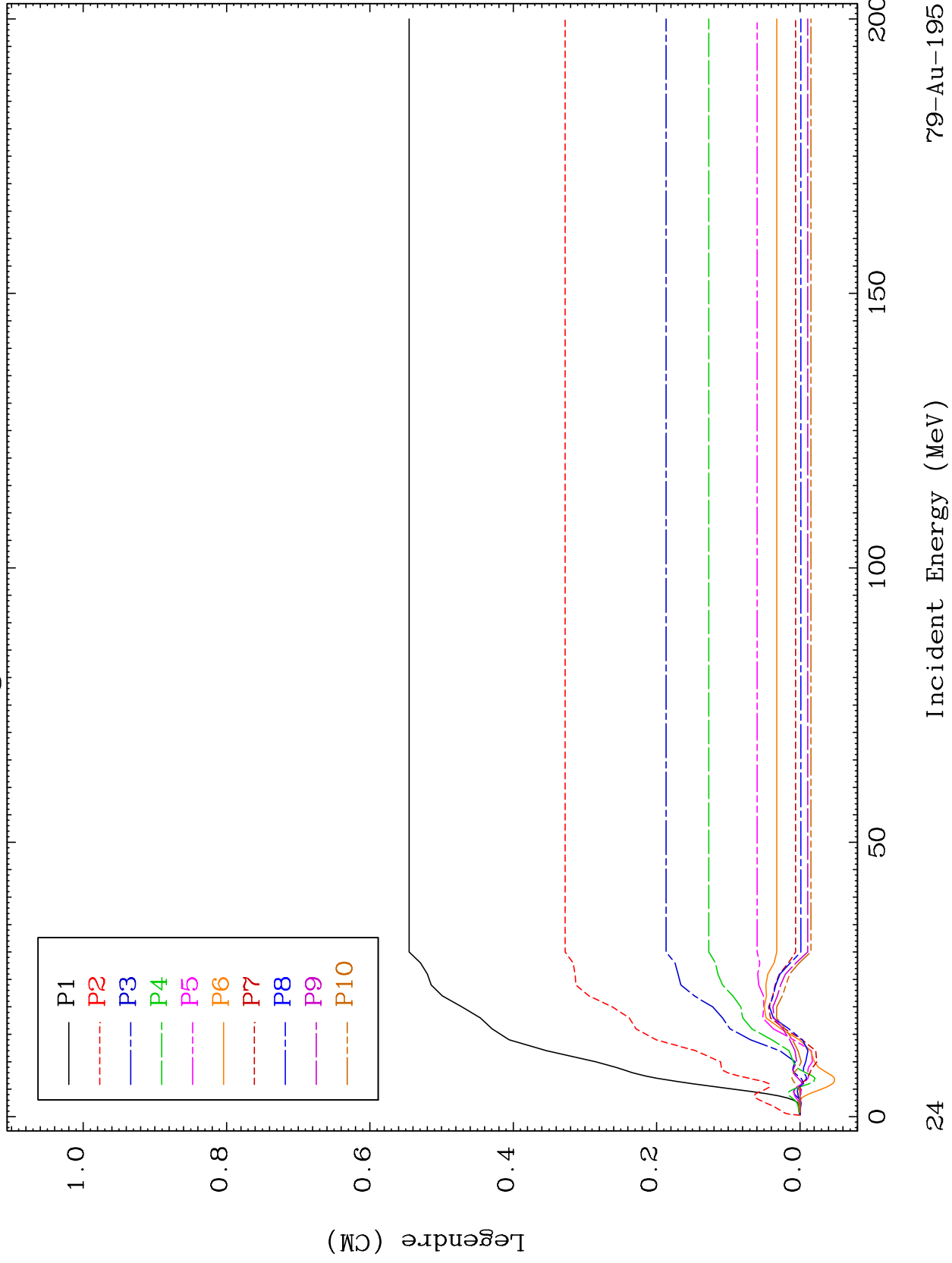




MAT 7919

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

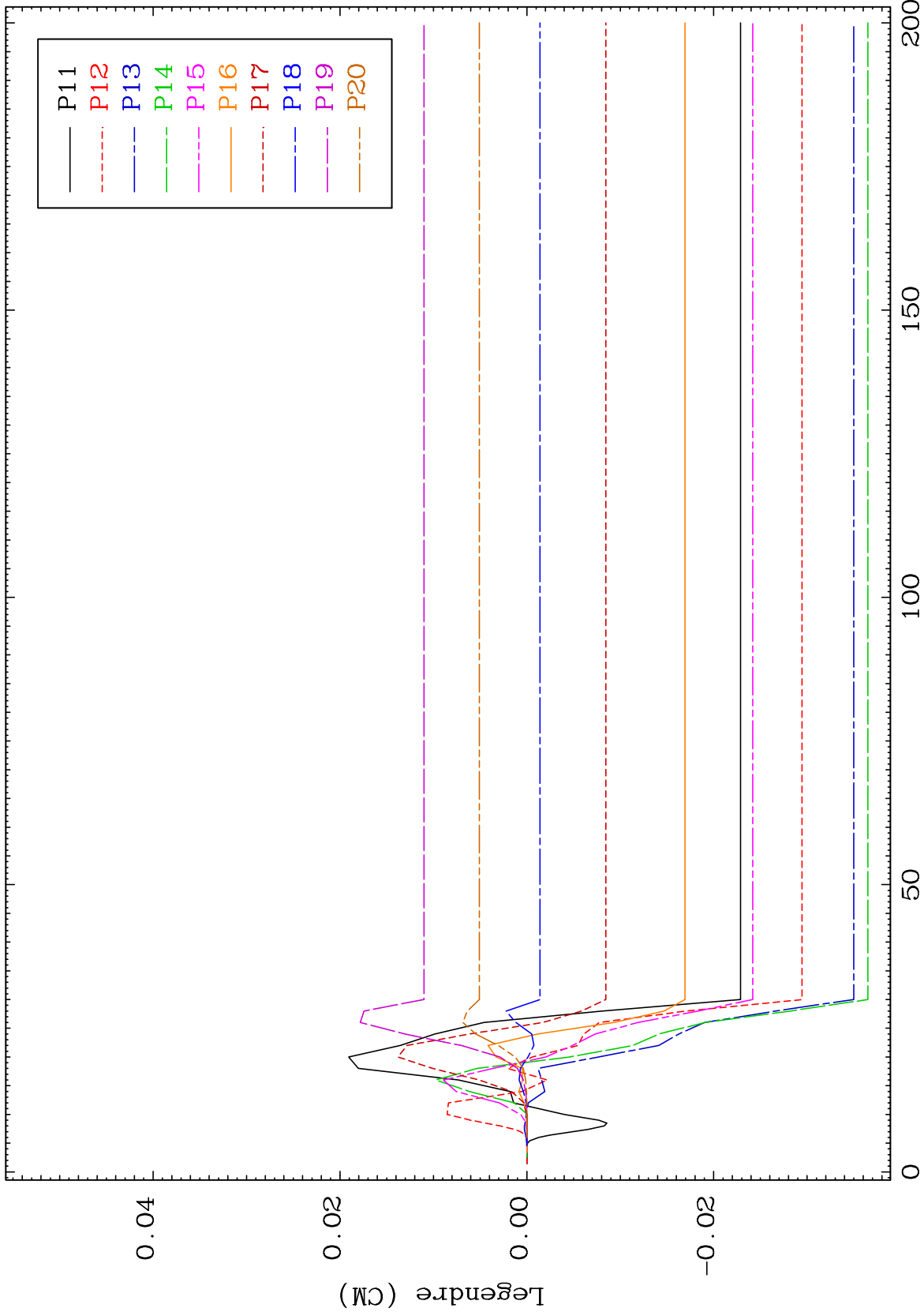
79-Au-195



MAT 7919

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

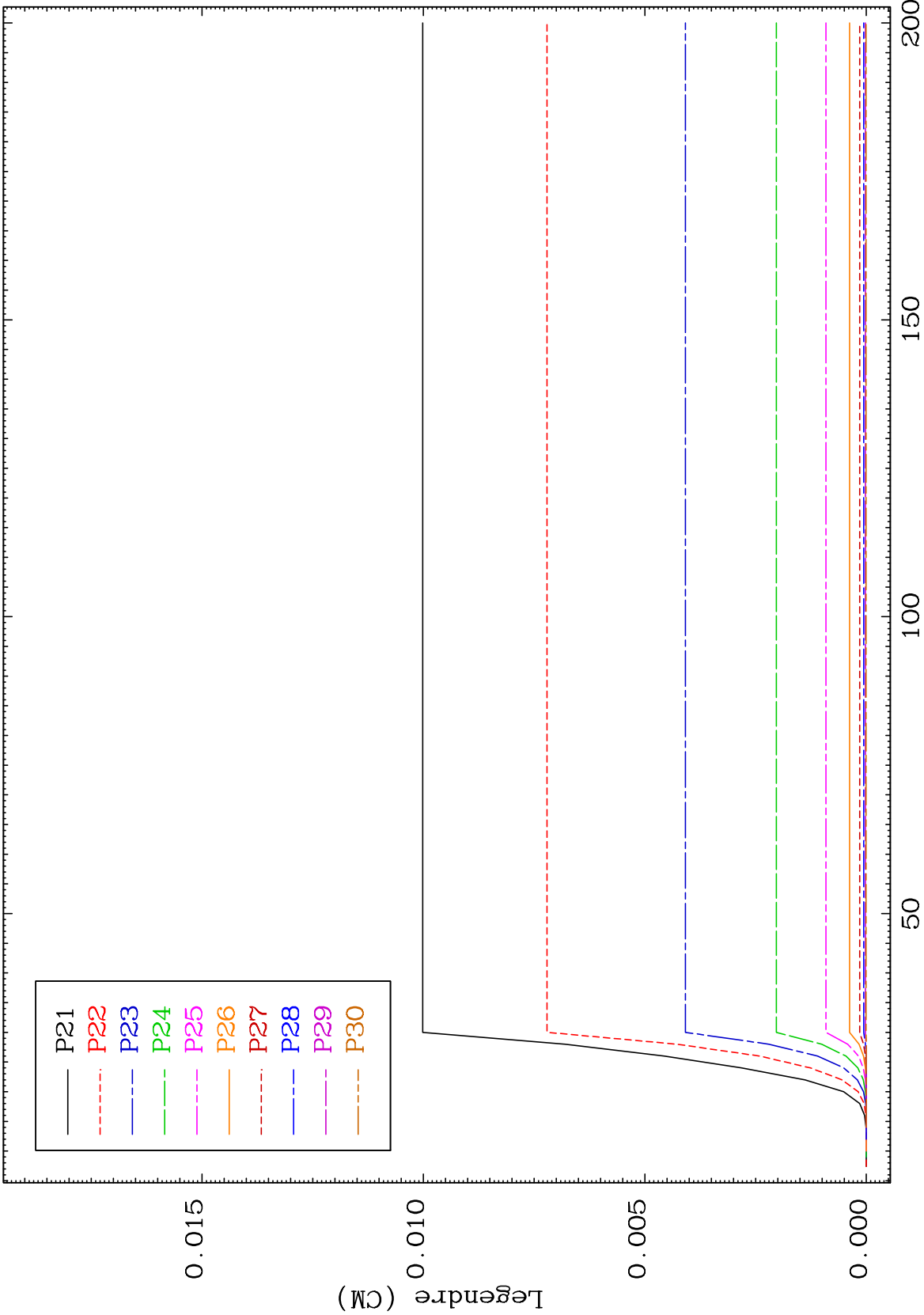
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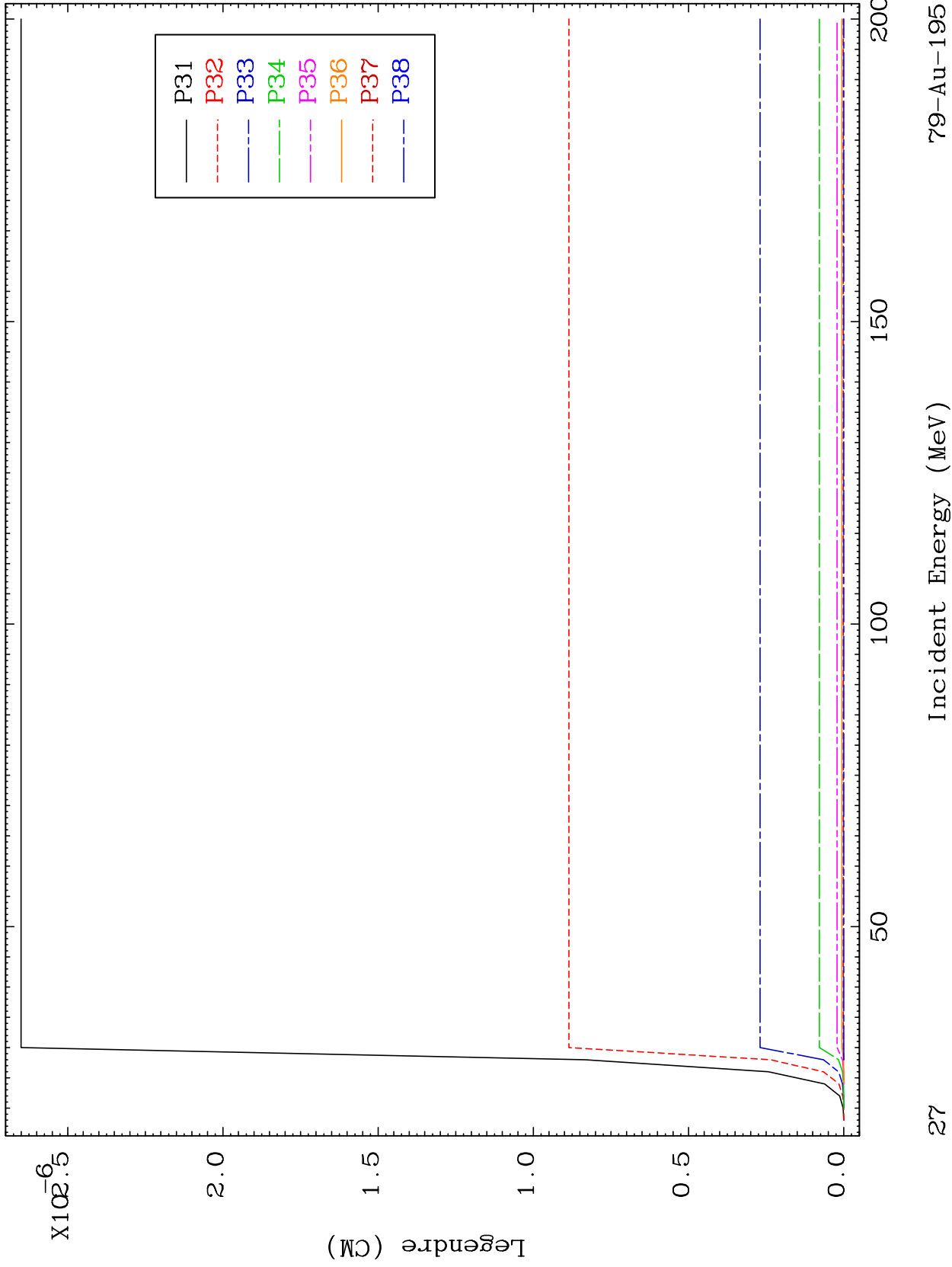


25

Incident Energy (MeV)

79-Au-195

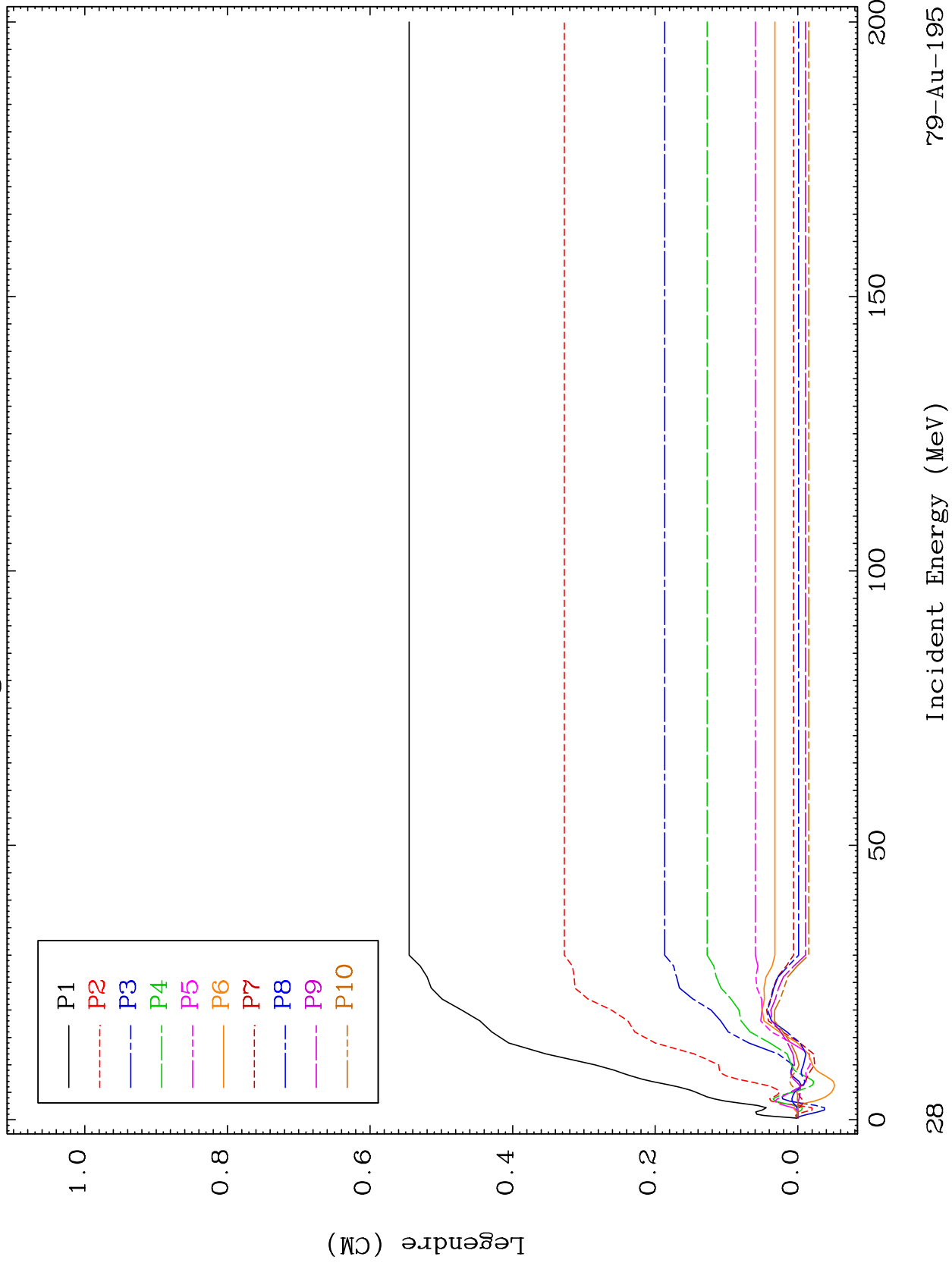




MAT 7919

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

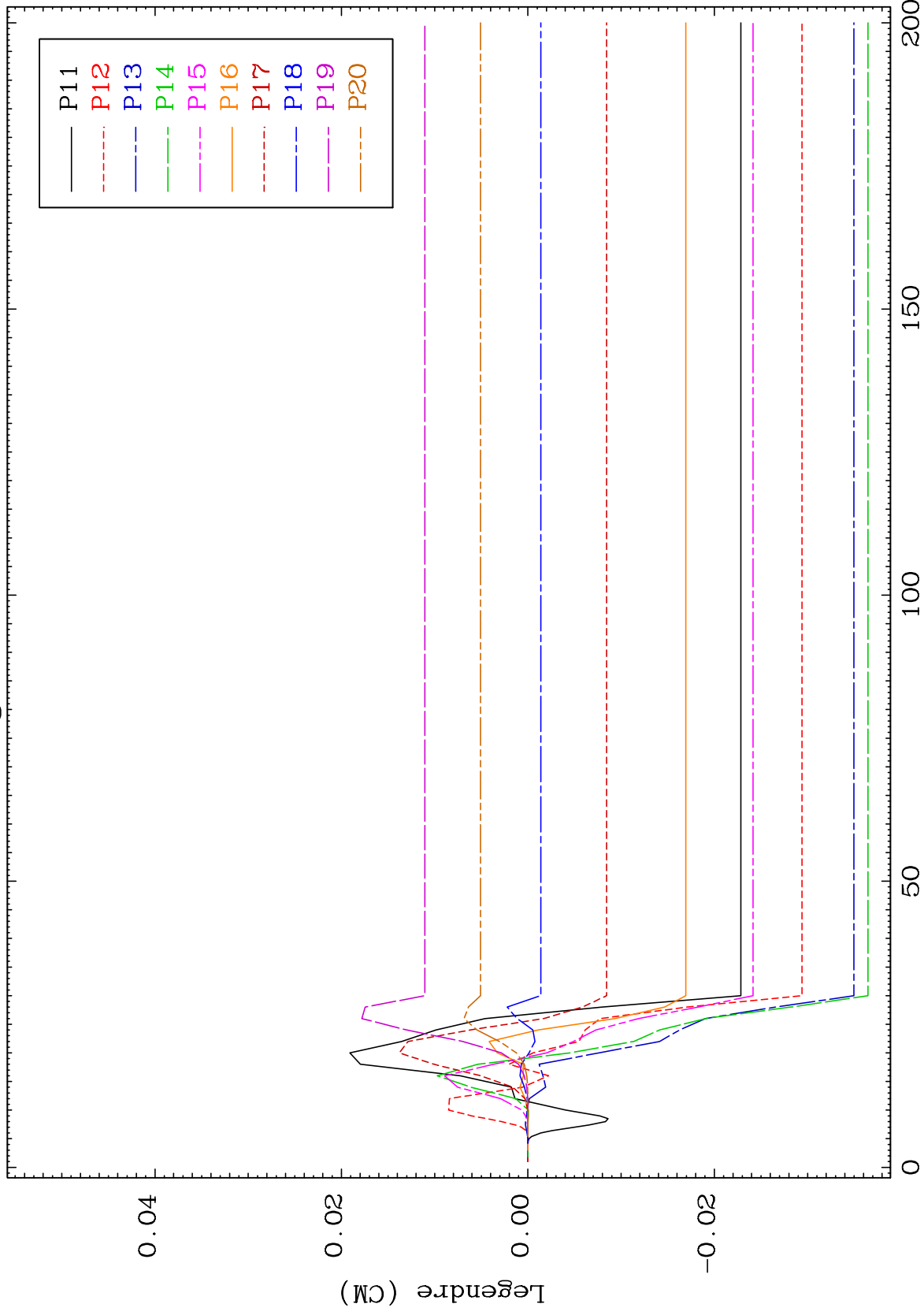
79-Au-195



MAT 7919

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

79-Au-195



29

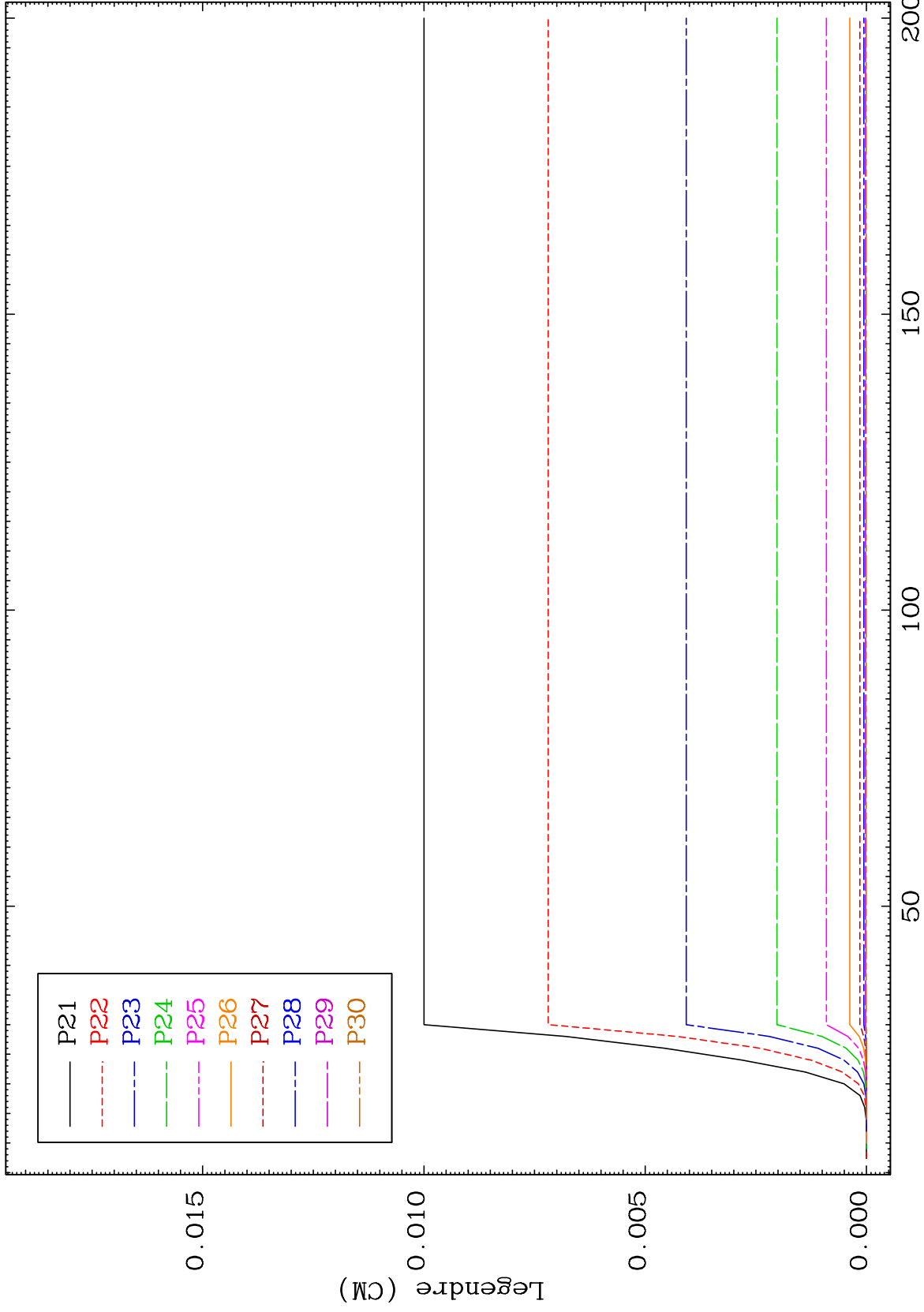
Incident Energy (MeV)

79-Au-195

MAT 7919

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

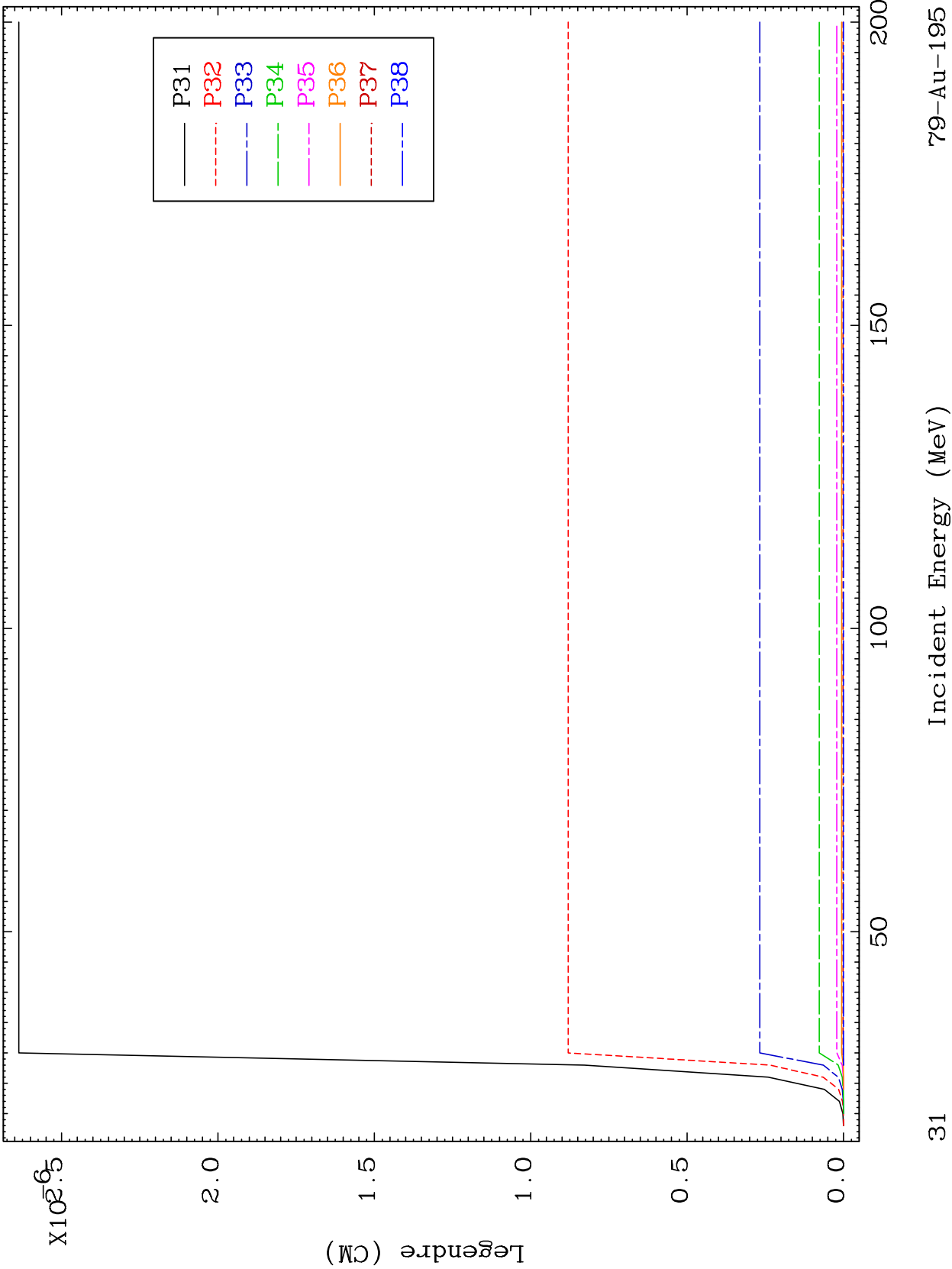
79-Au-195



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Incident Energy (MeV)

79-Au-195

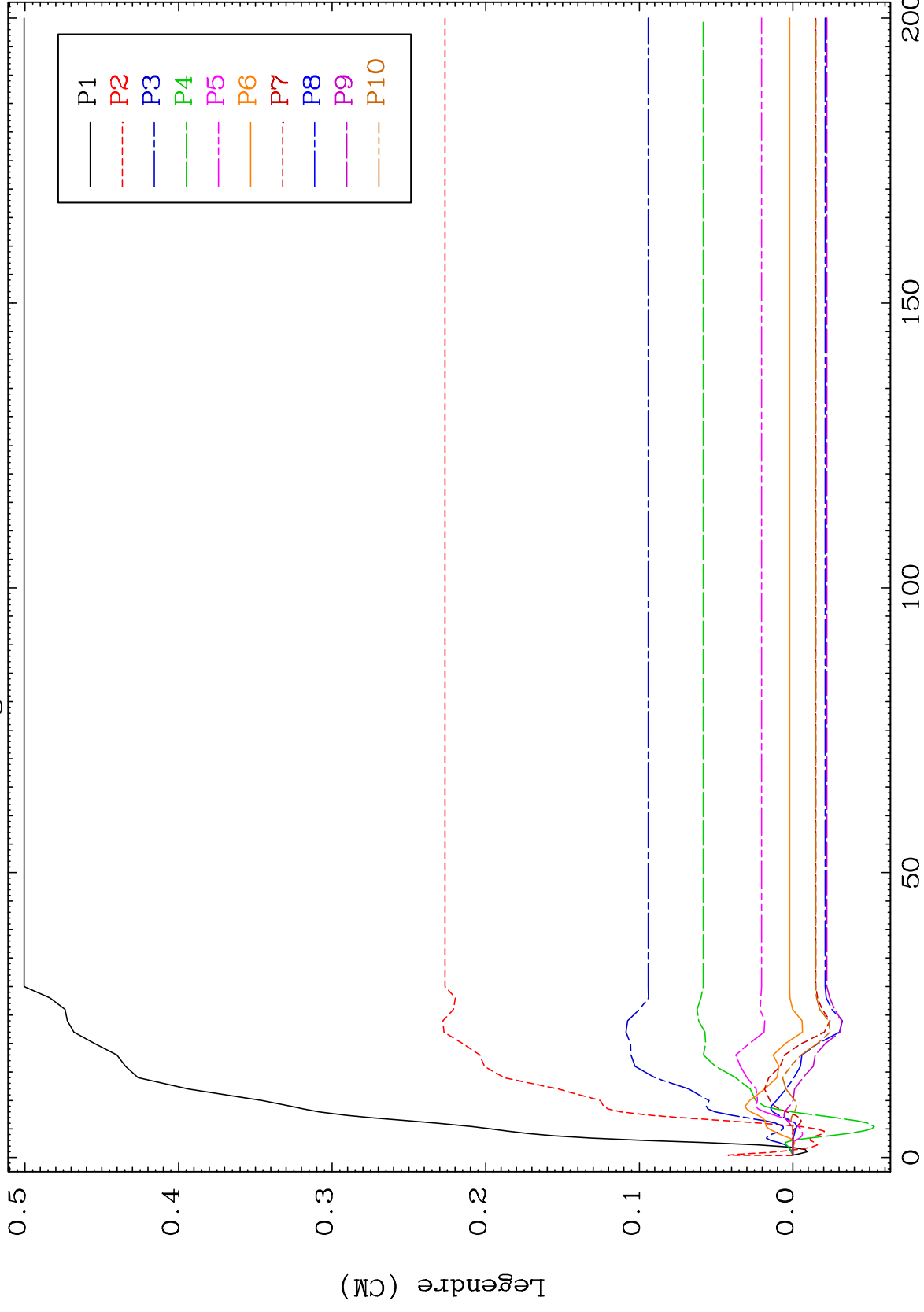


MAT 7919

MT= 54 (n,n') Level

79-Au-195

Legendre Coefficients



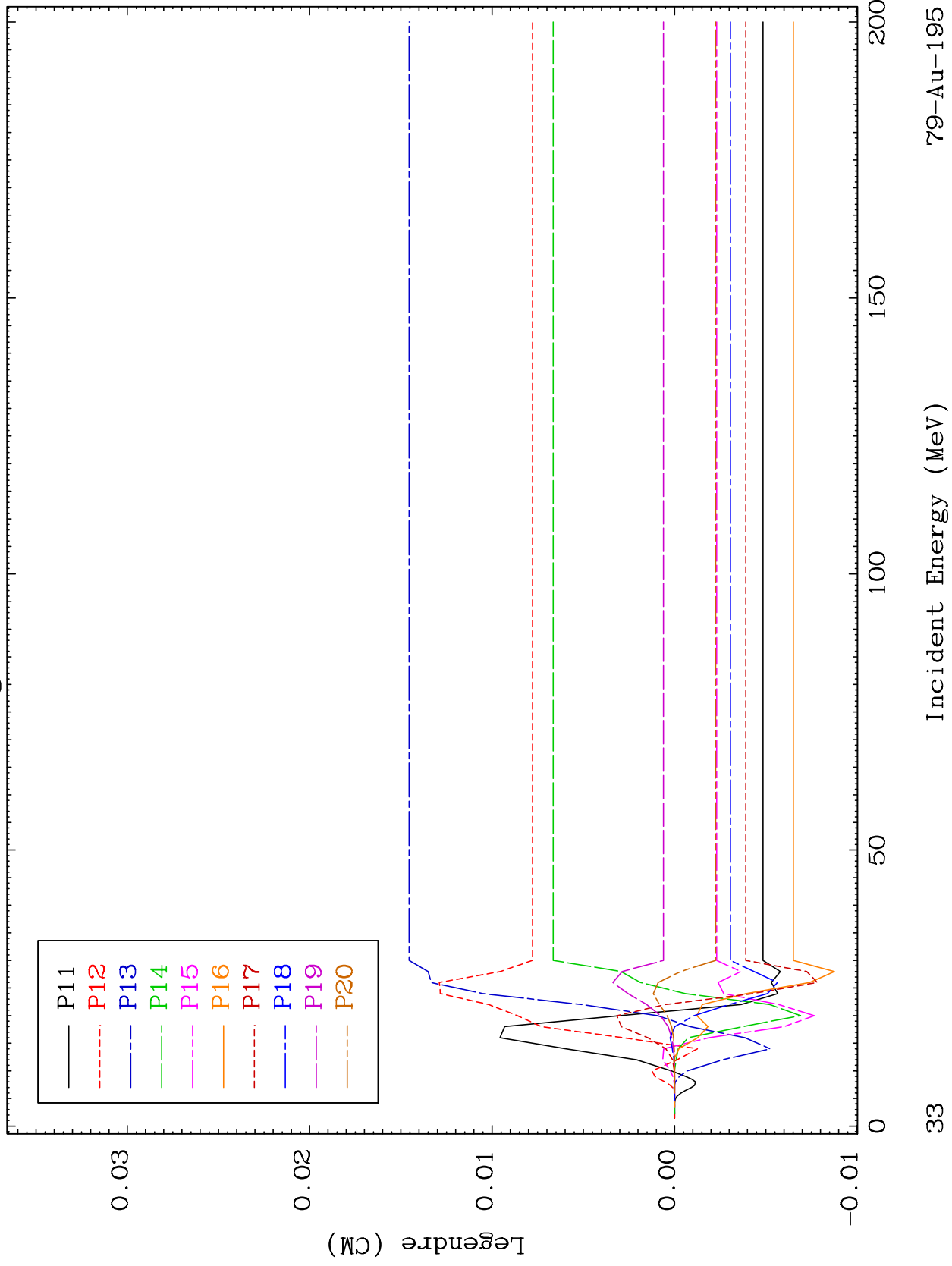
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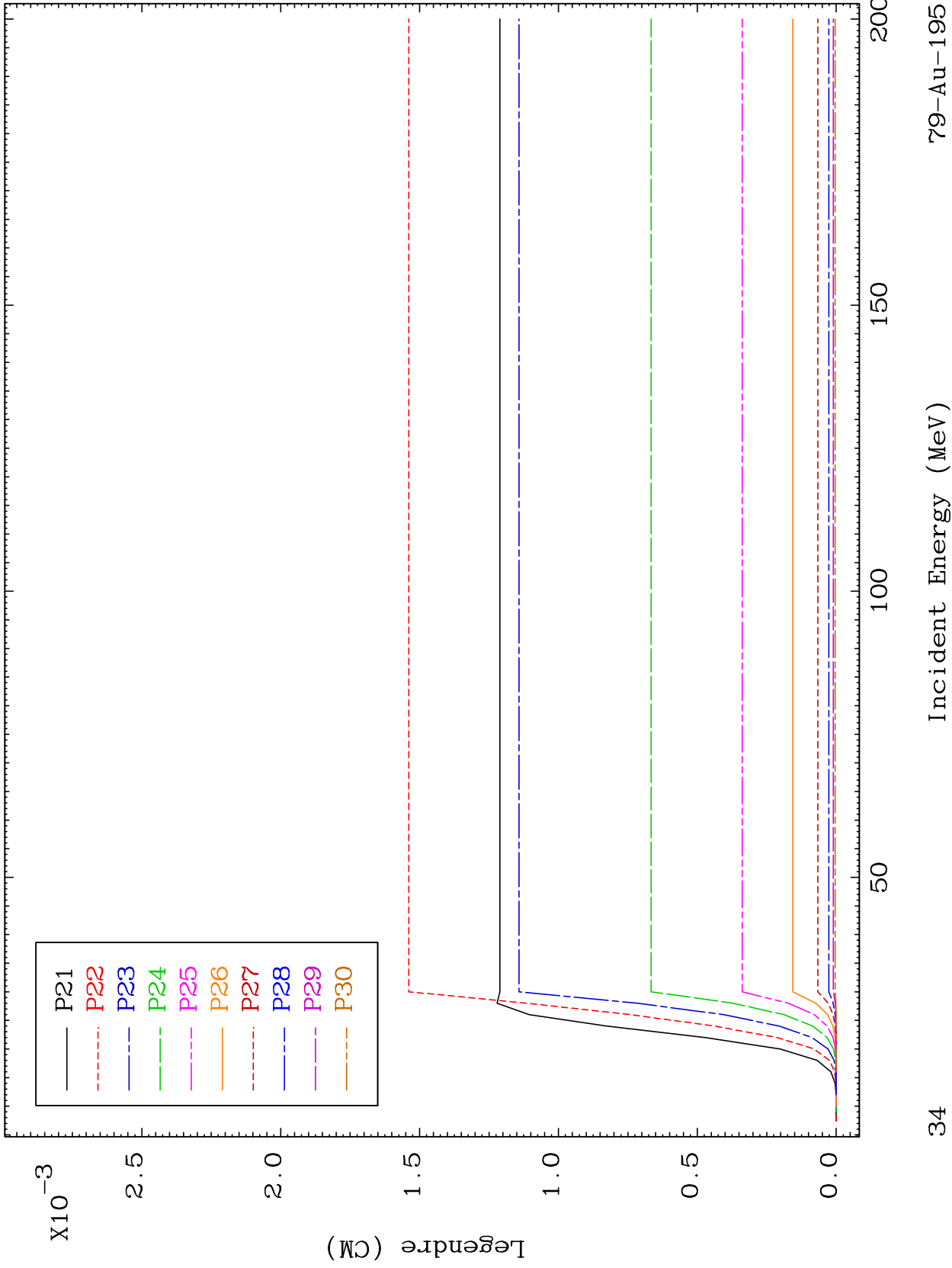
79-Au-195

MAT 7919

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

79-Au-195

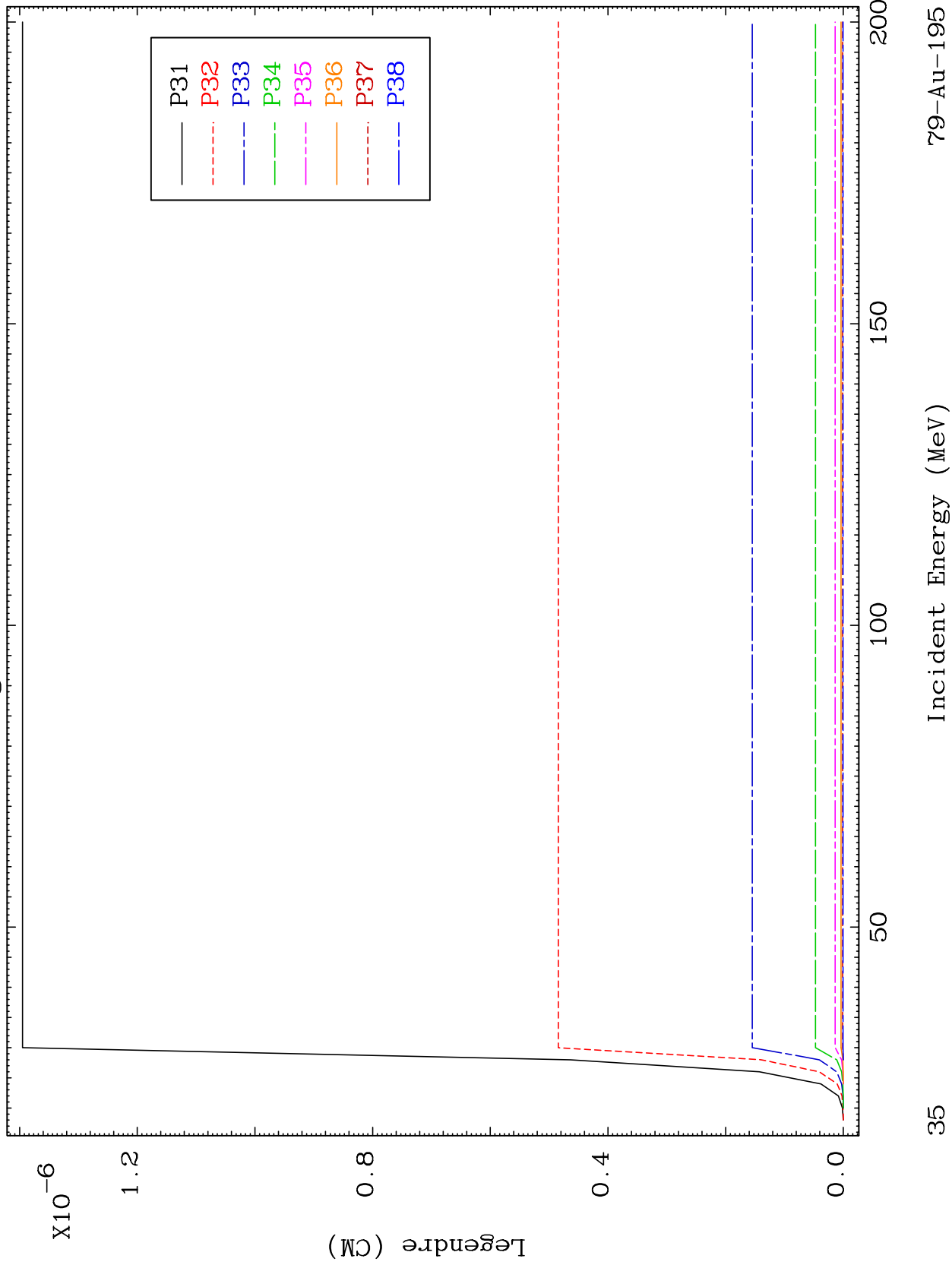




MAT 7919

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

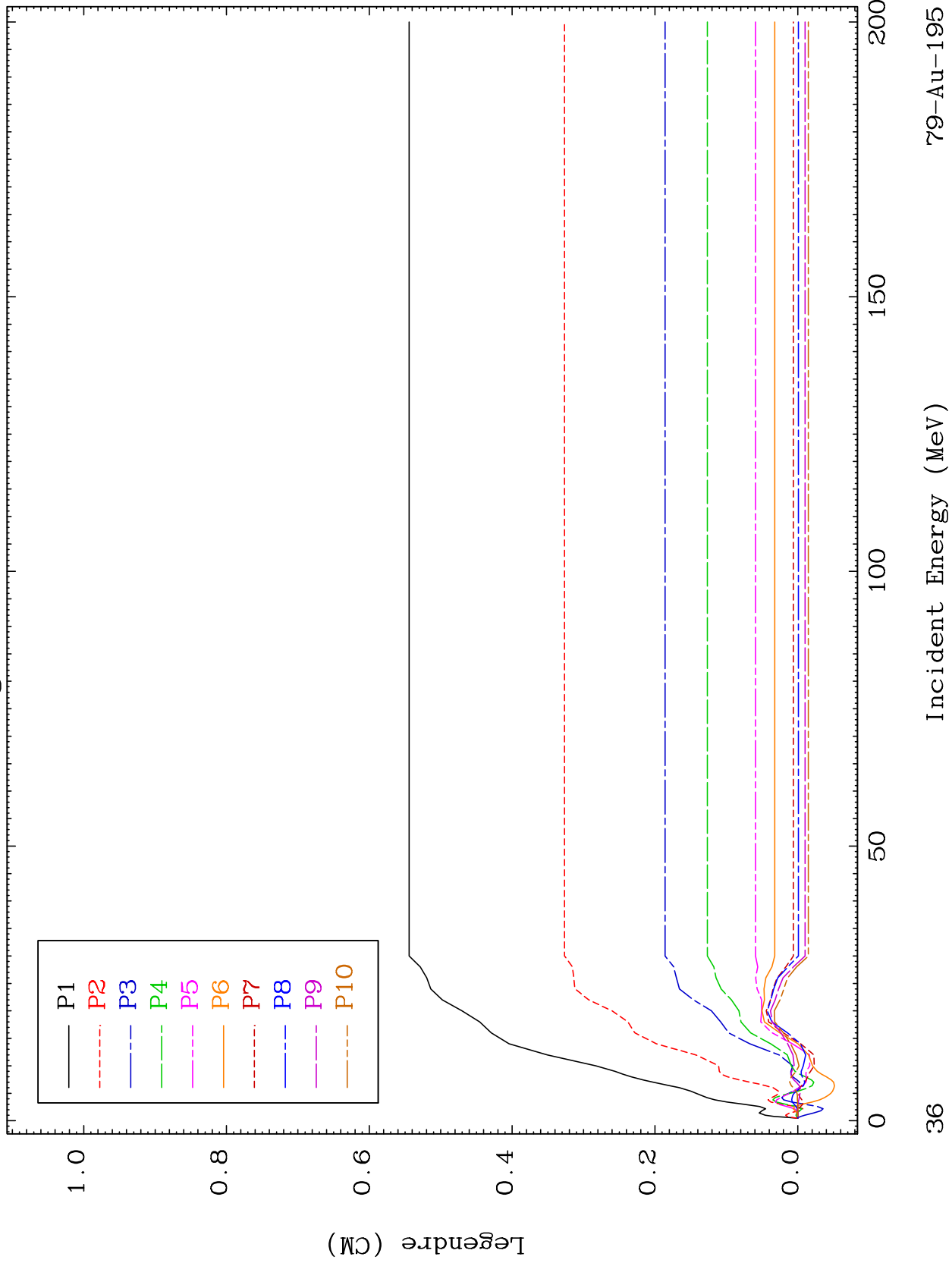
79-Au-195



MAT 7919

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

79-Au-195

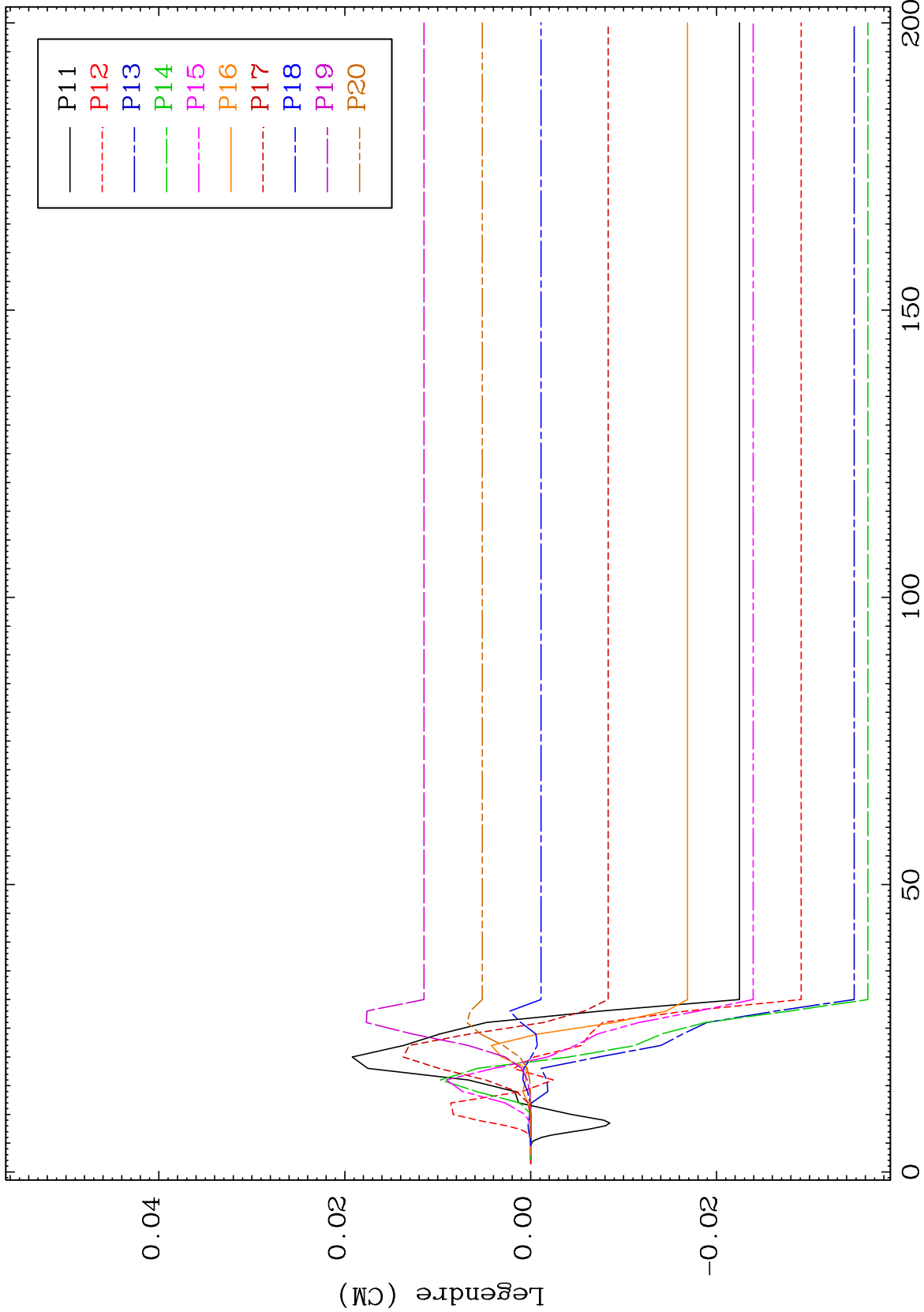


36

MAT 7919

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

79-Au-195



37

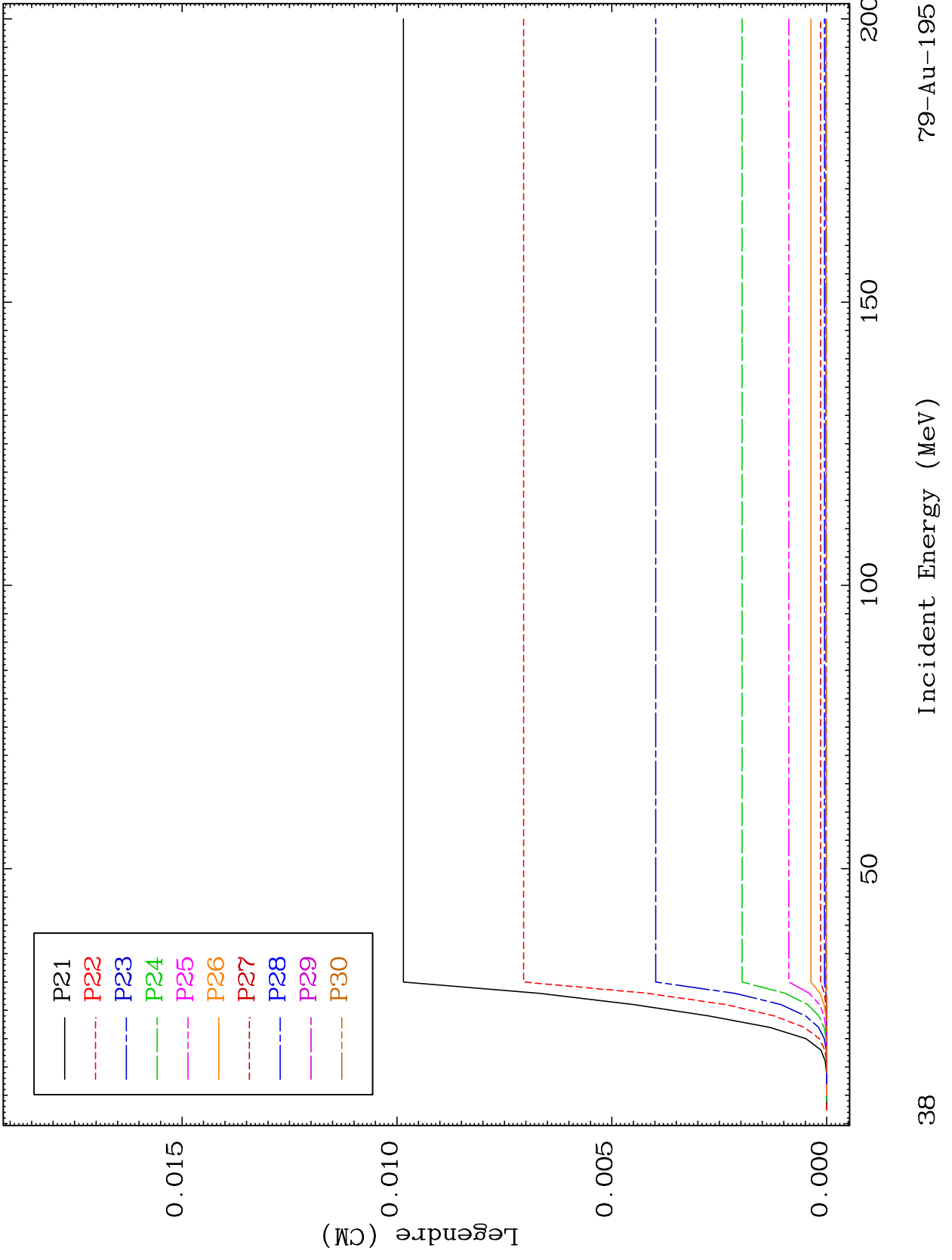
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



38

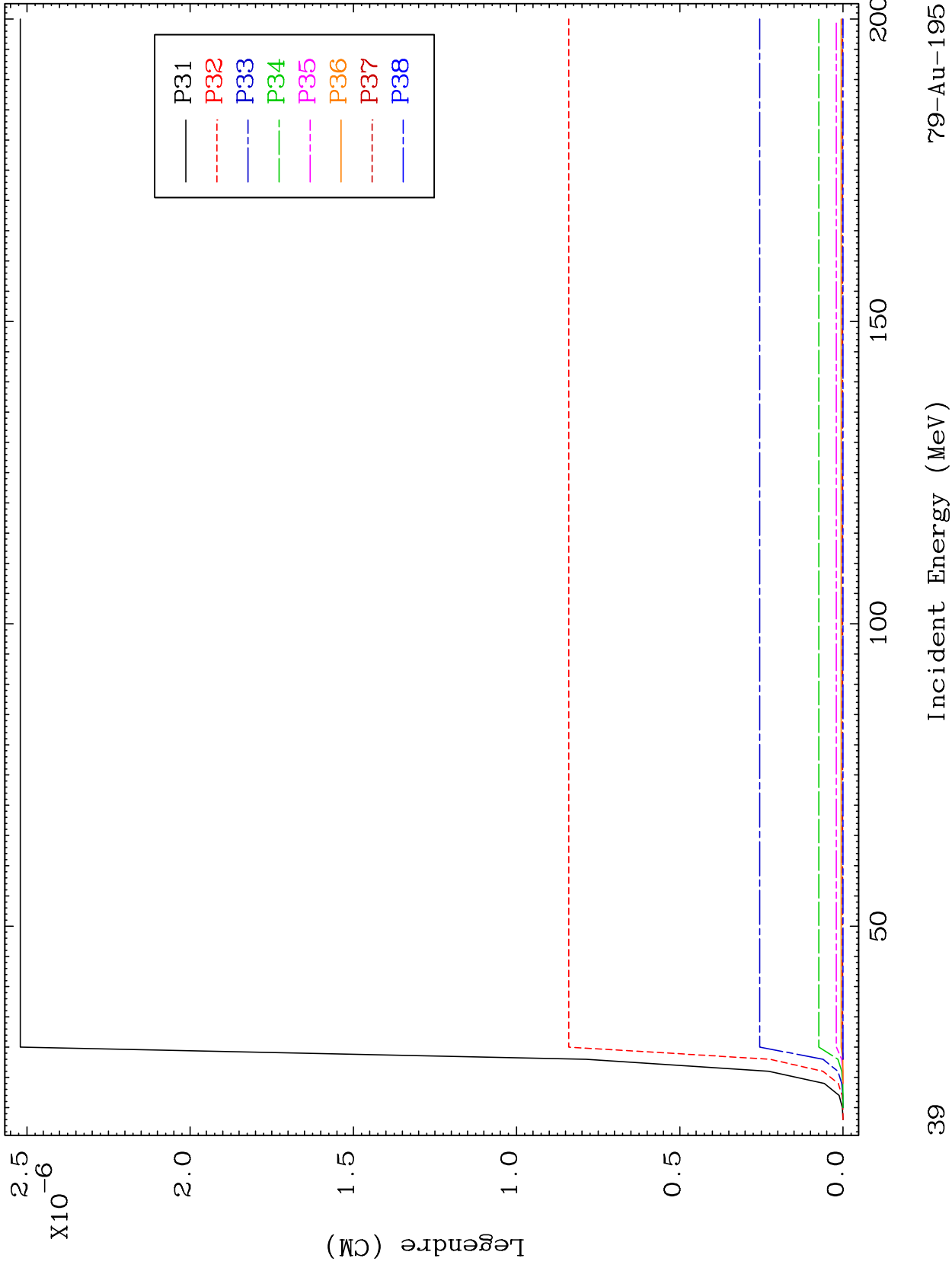
Incident Energy (MeV)

79-Au-195

MAT 7919

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

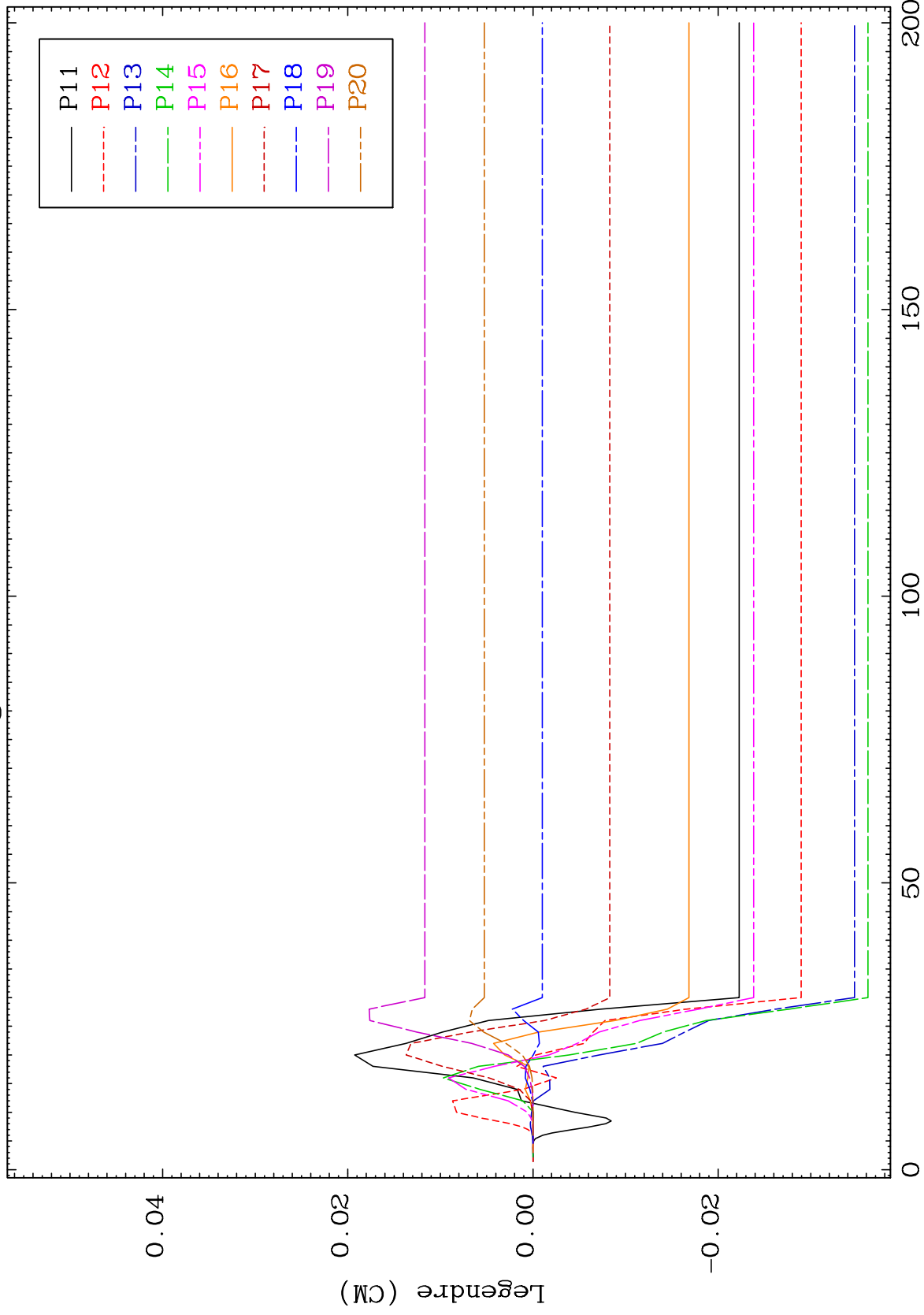
79-Au-195



MAT 7919

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

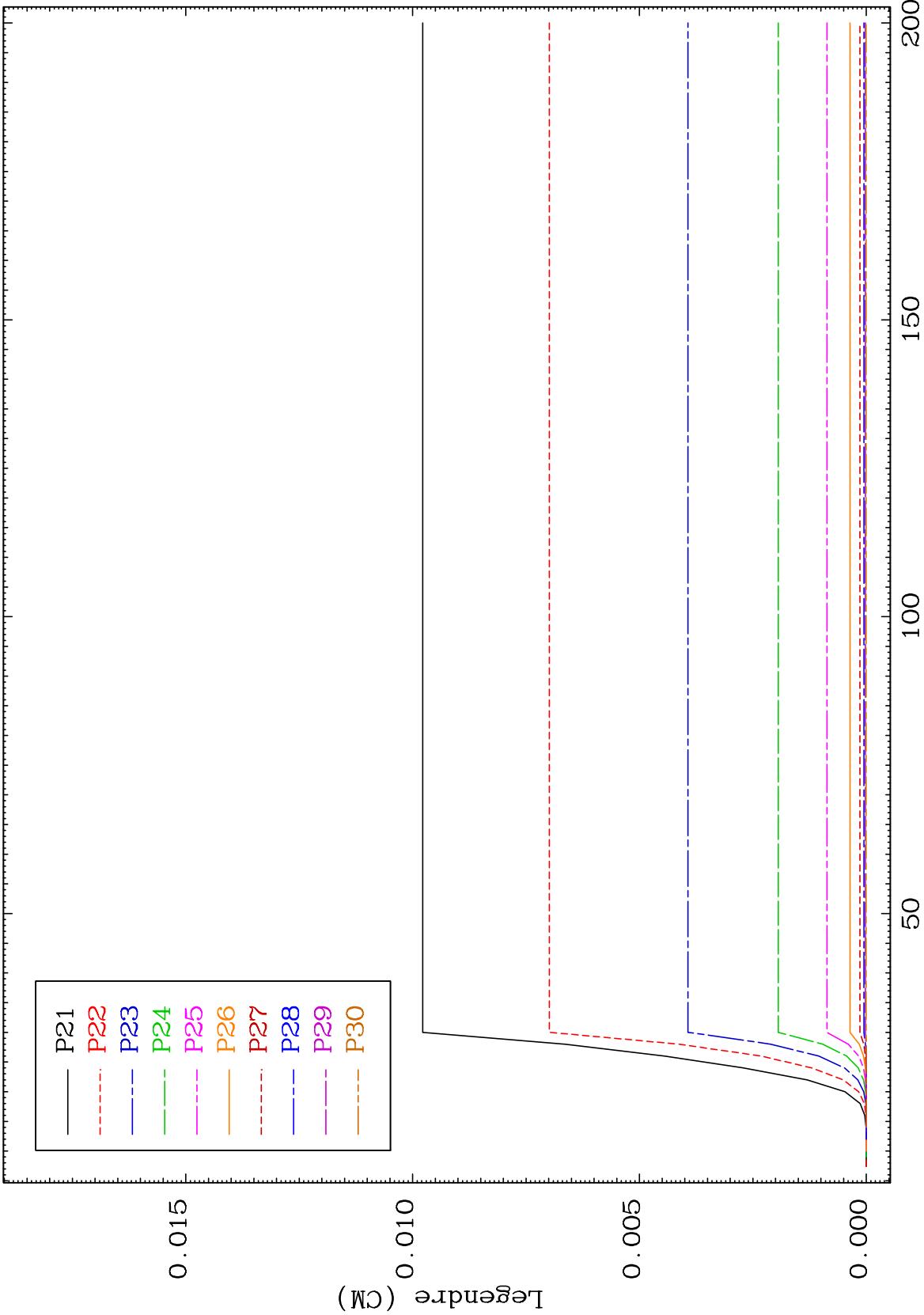
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MAT 7919

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

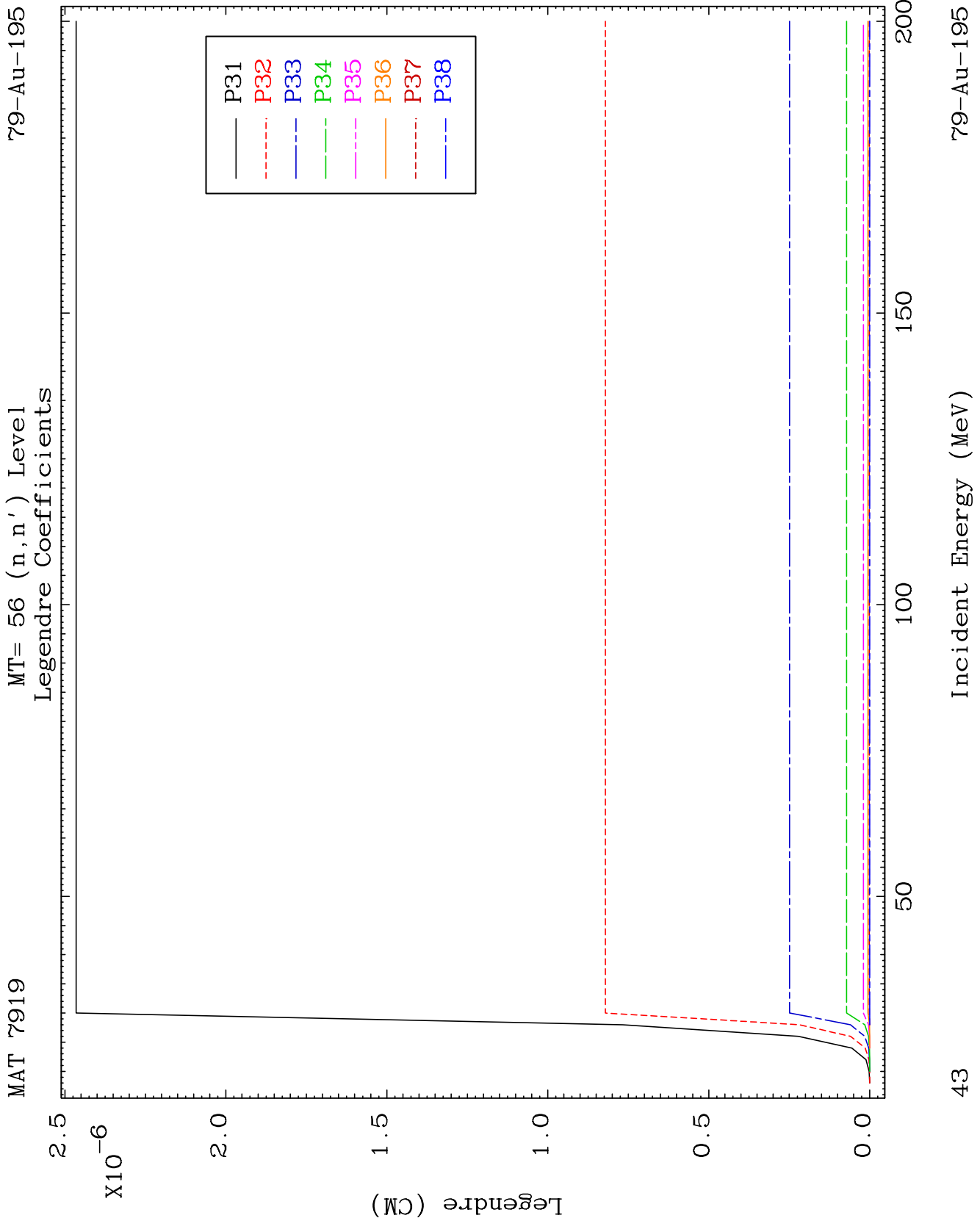
79-Au-195



42

Incident Energy (MeV)

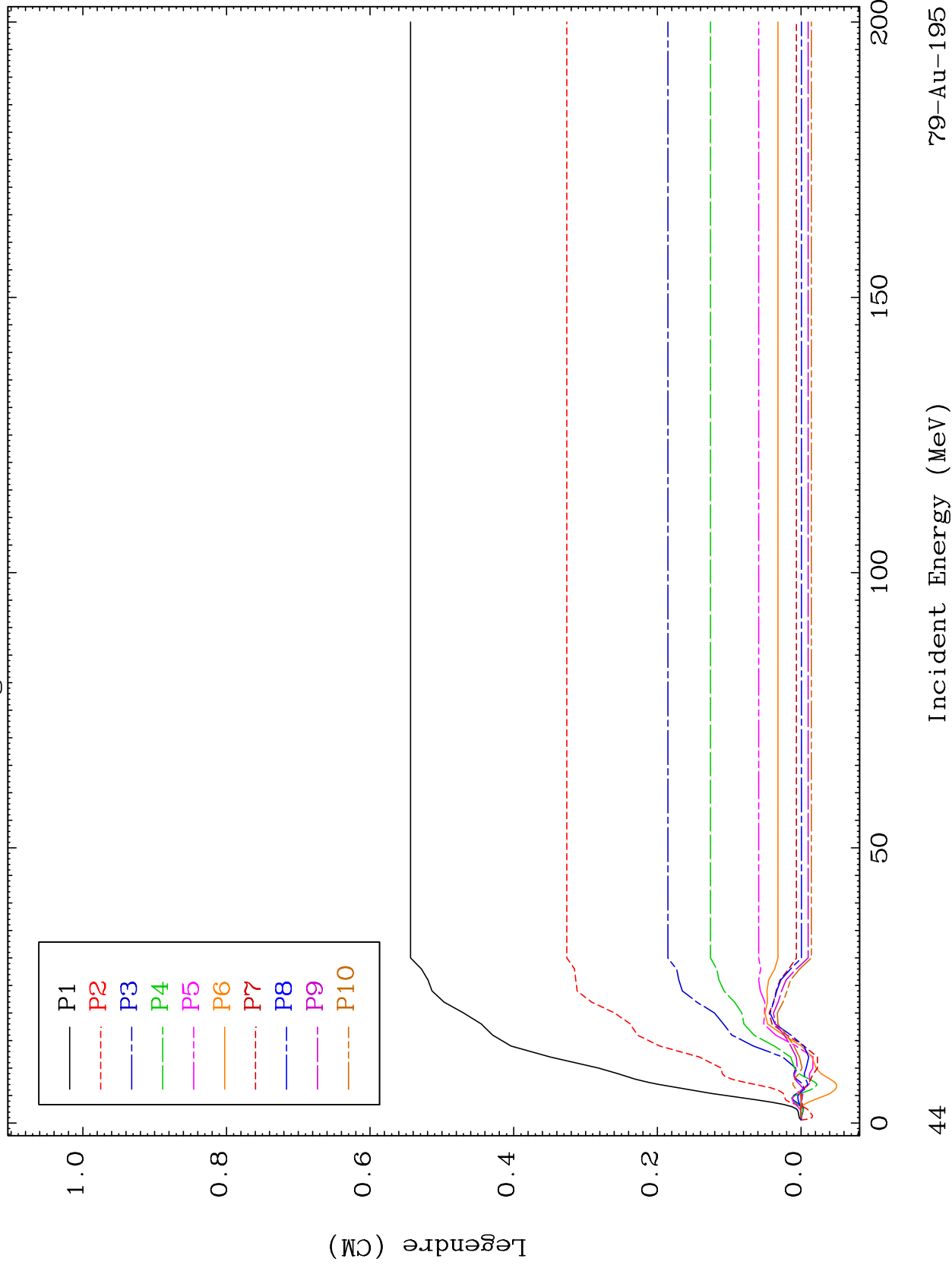
79-Au-195



MAT 7919

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

79-Au-195



44

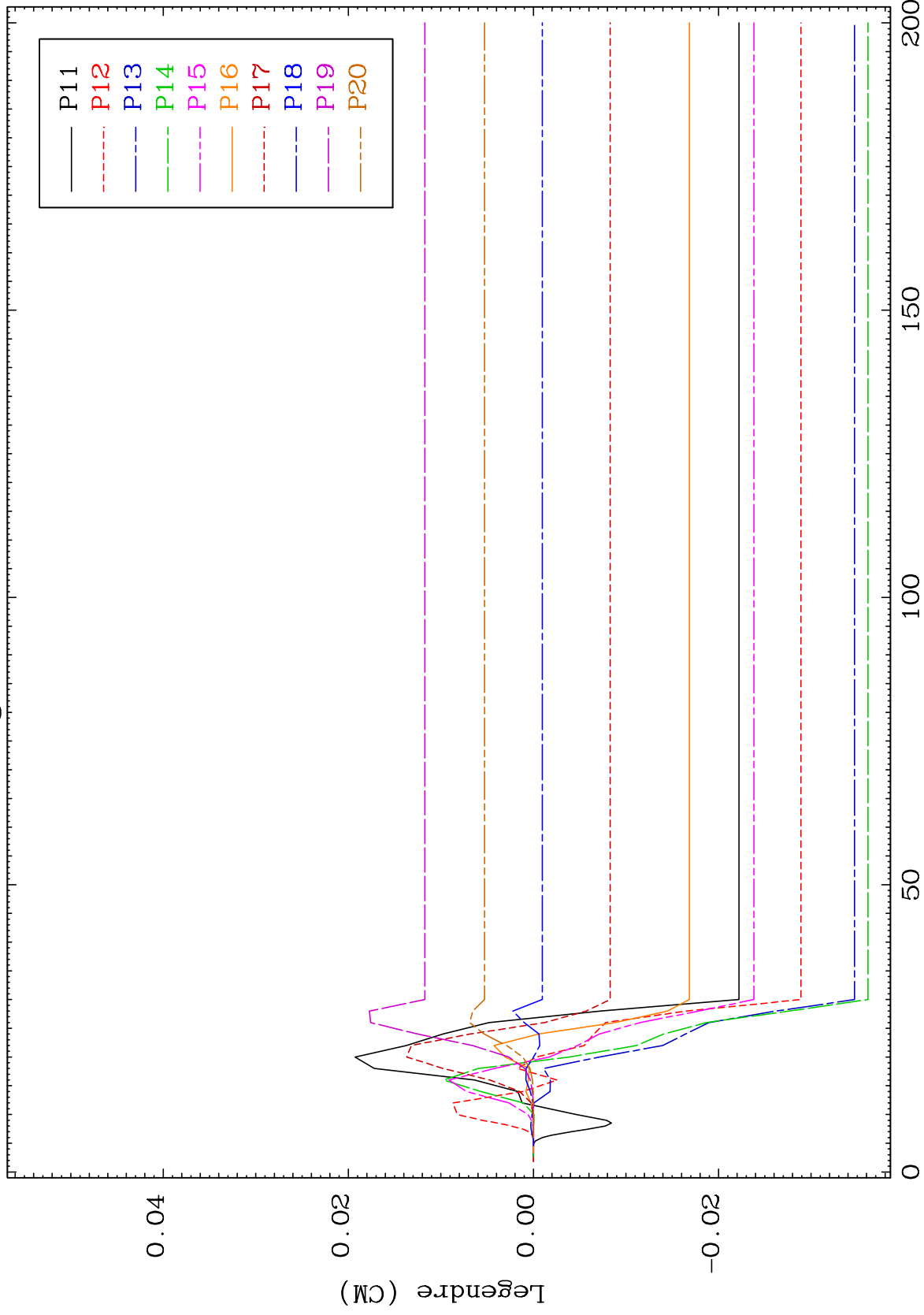
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



45

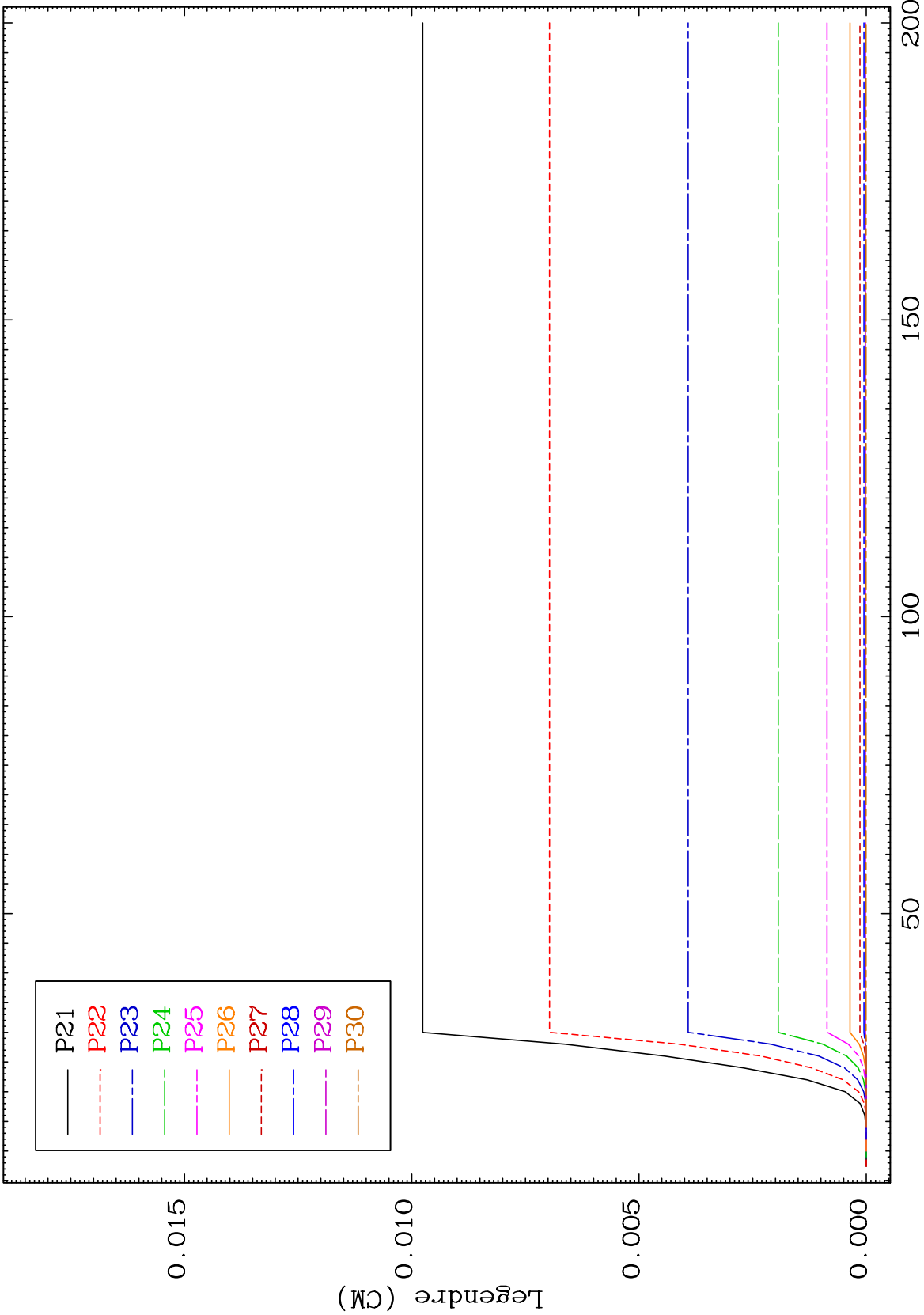
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



46

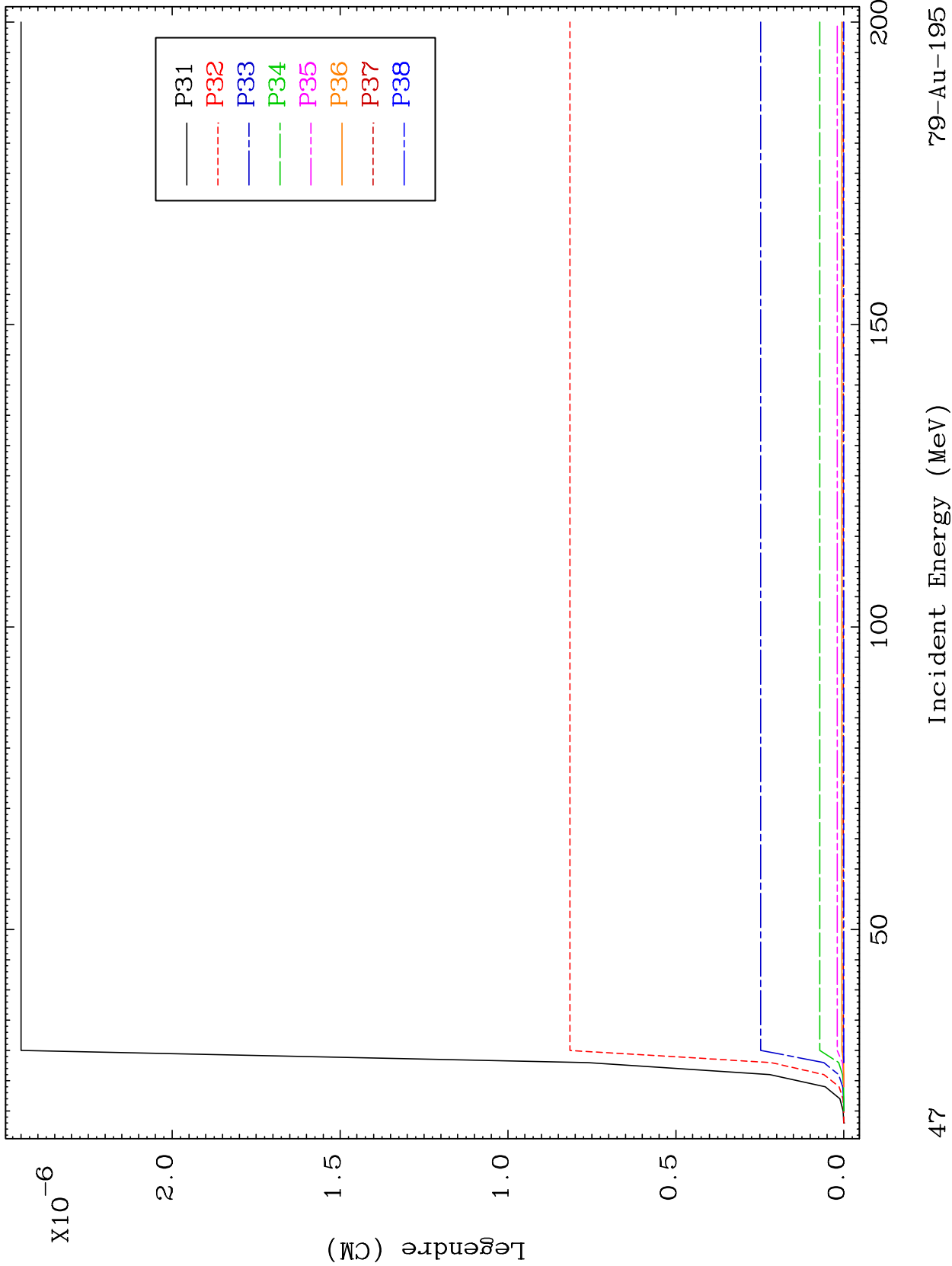
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195

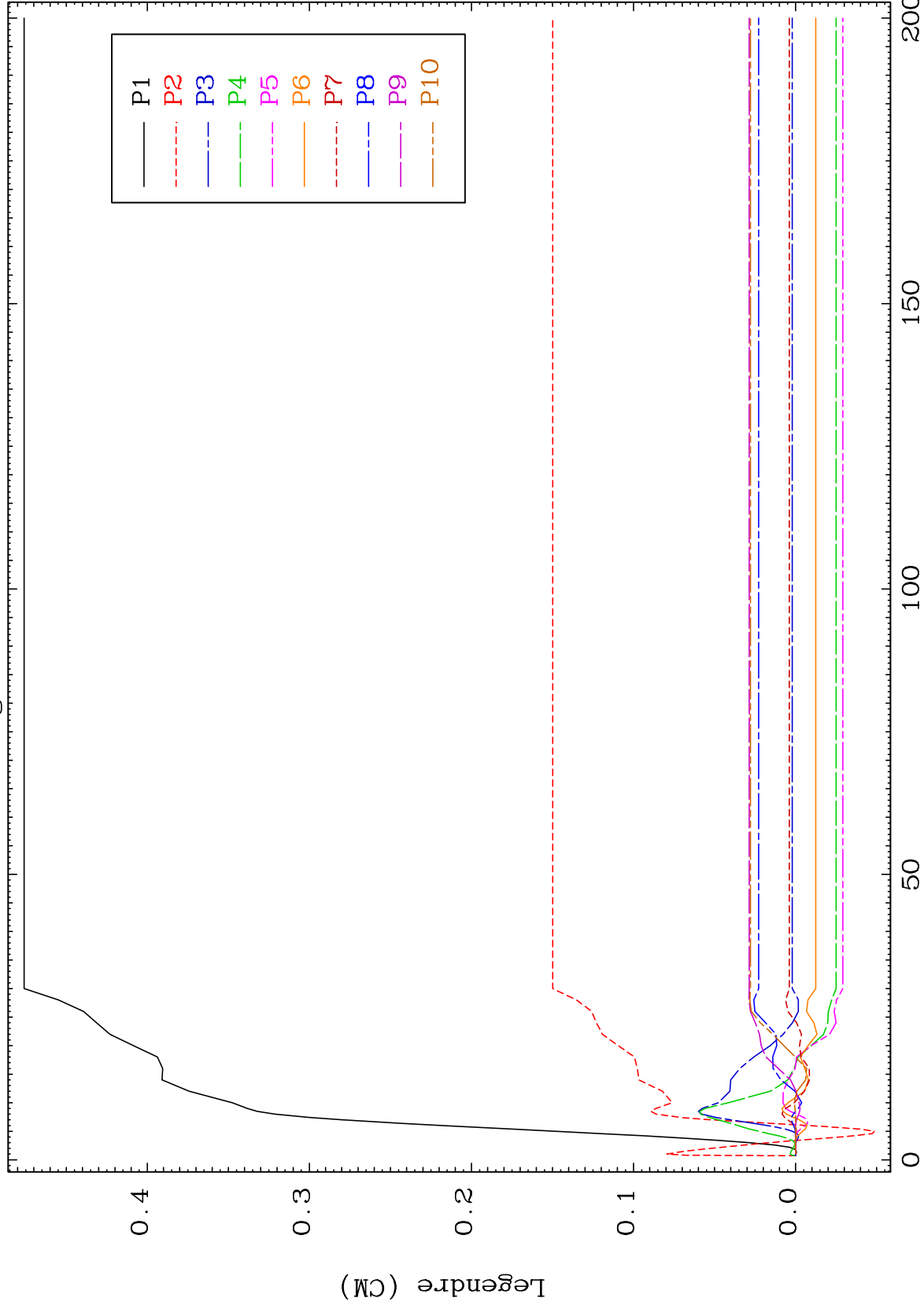


MAT 7919

MT= 58 (n,n') Level

Legendre Coefficients

79-Au-195



48

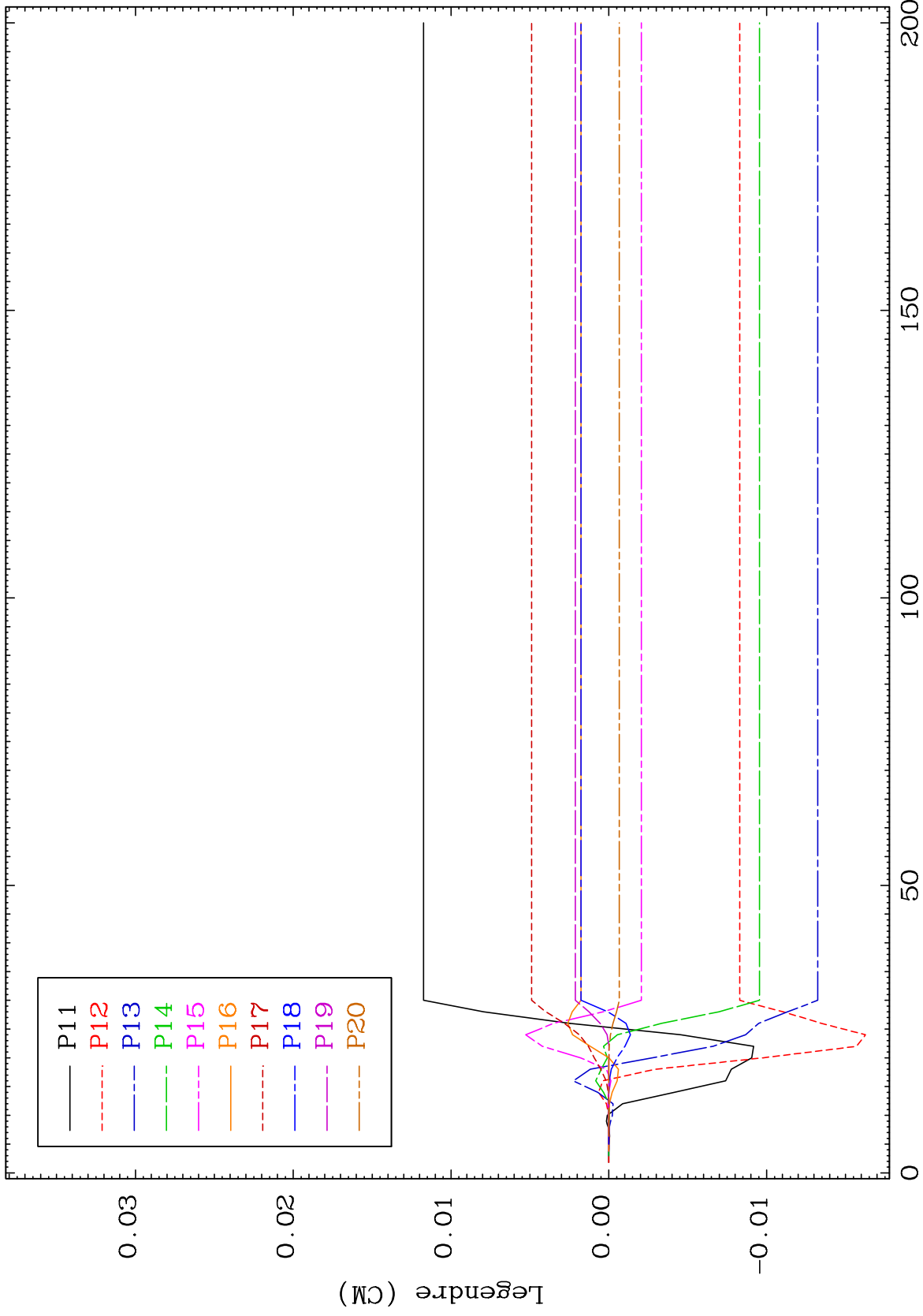
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



49

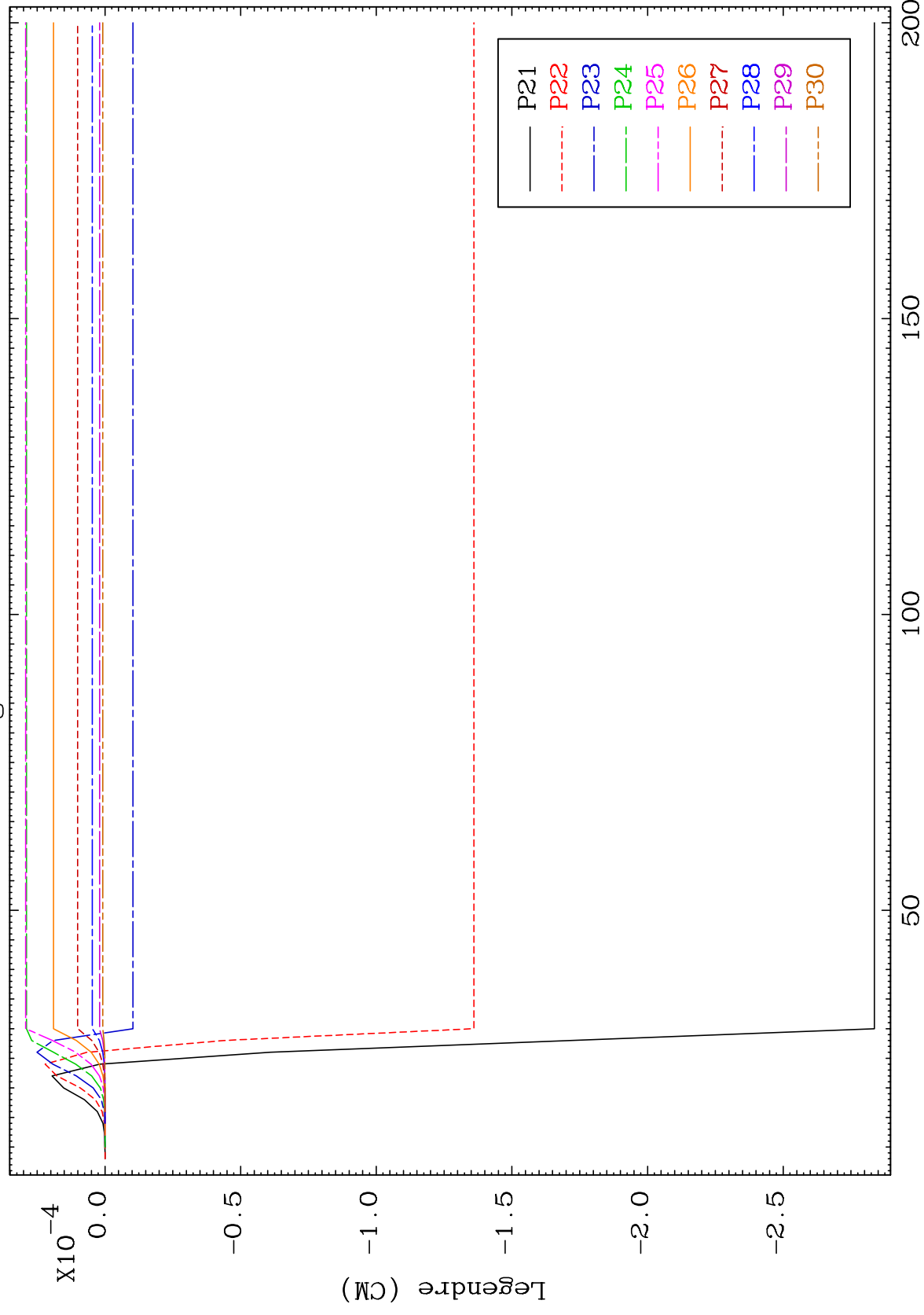
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



79-Au-195

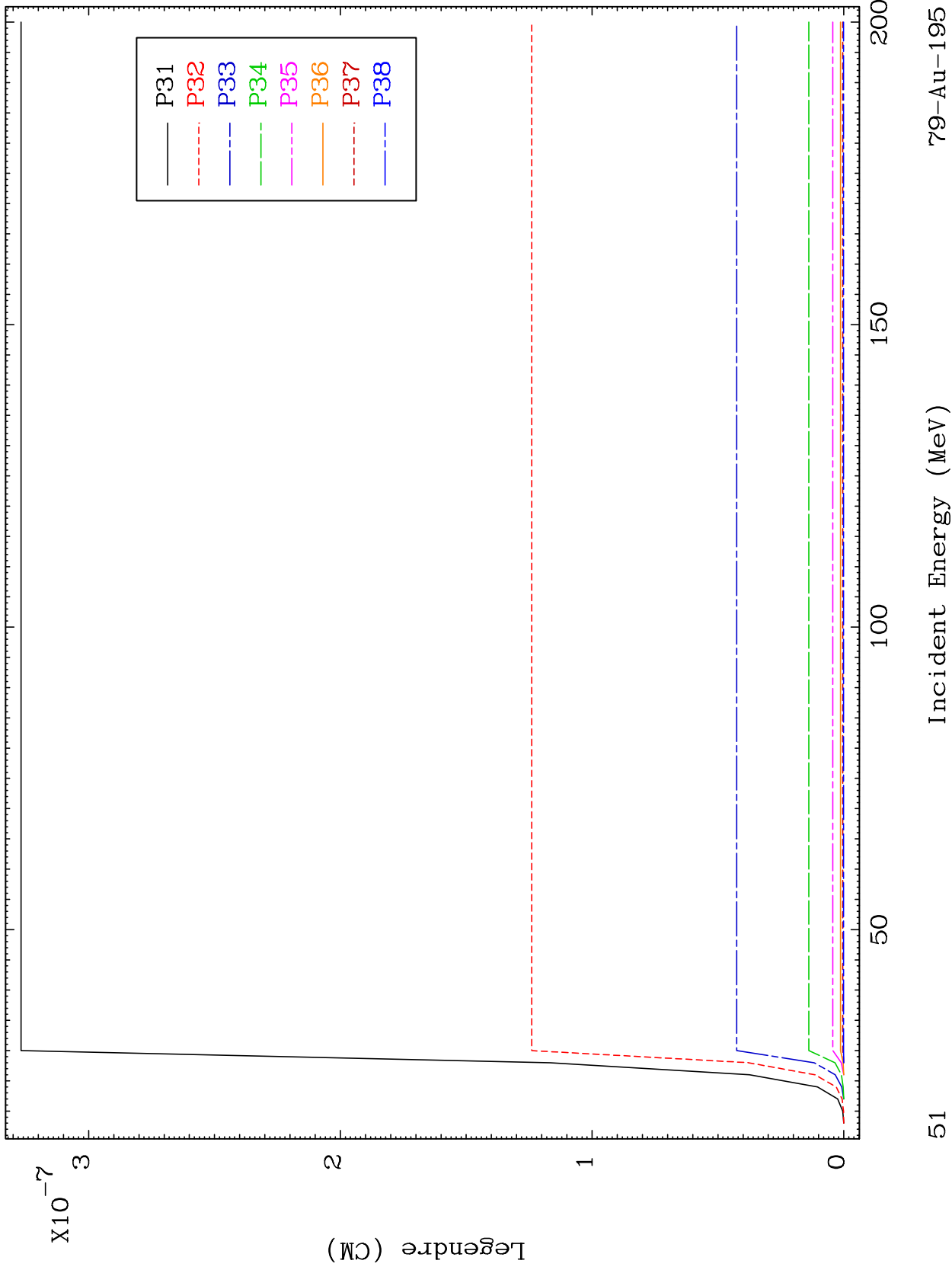
Incident Energy (MeV)

50

MAT 7919

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

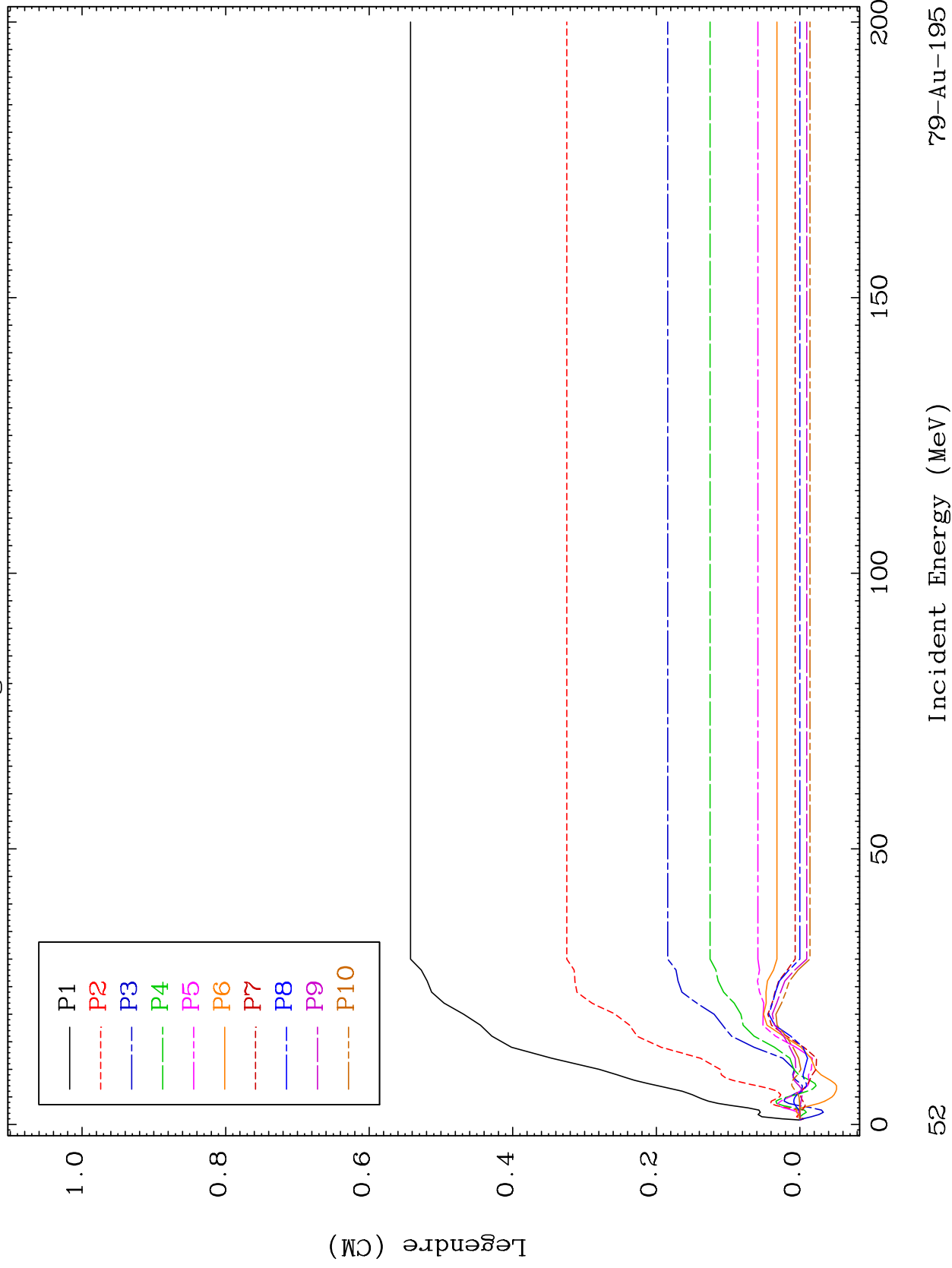
79-Au-195



MAT 7919

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

79-Au-195



52

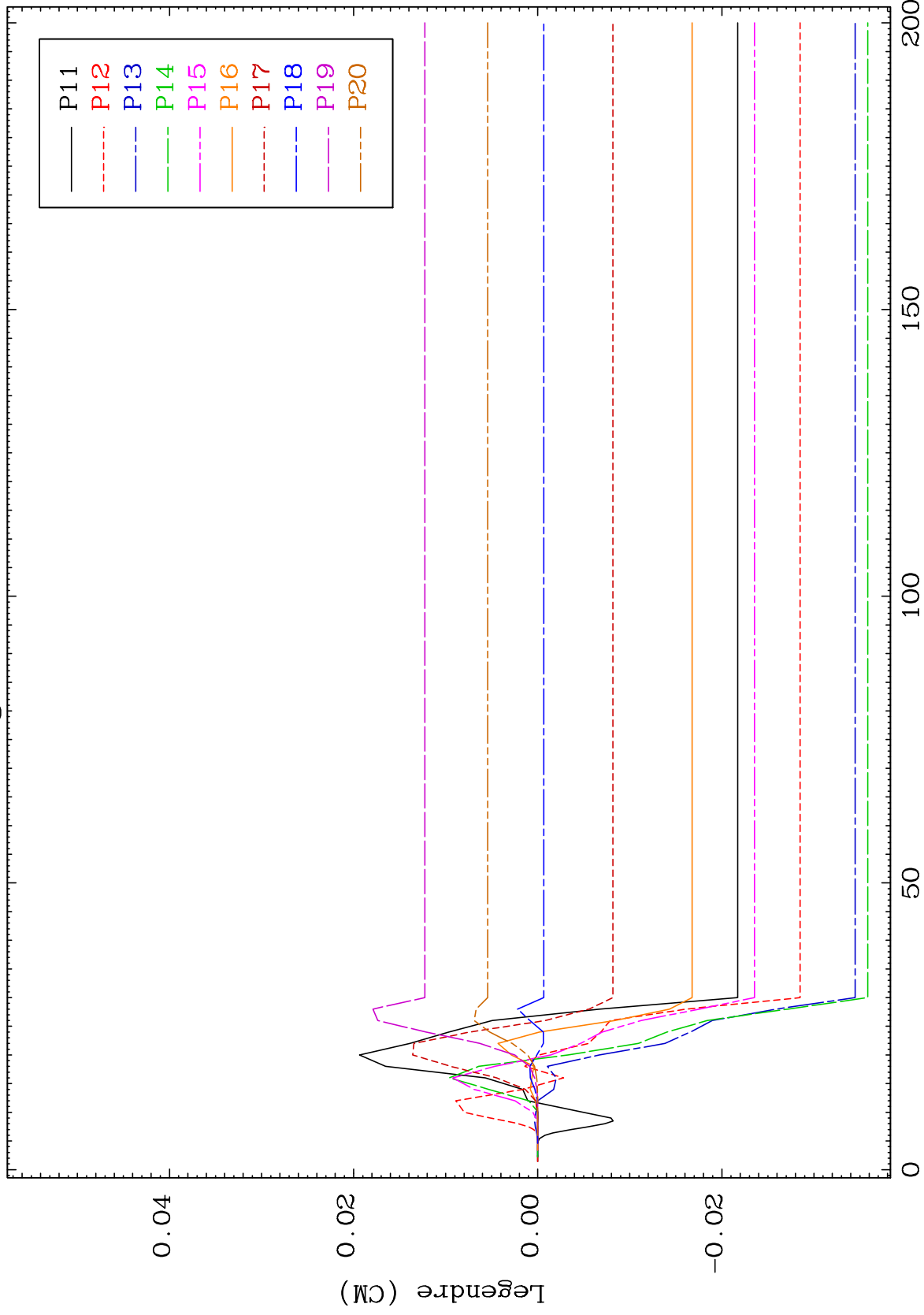
Incident Energy (MeV)

79-Au-195

MAT 7919

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

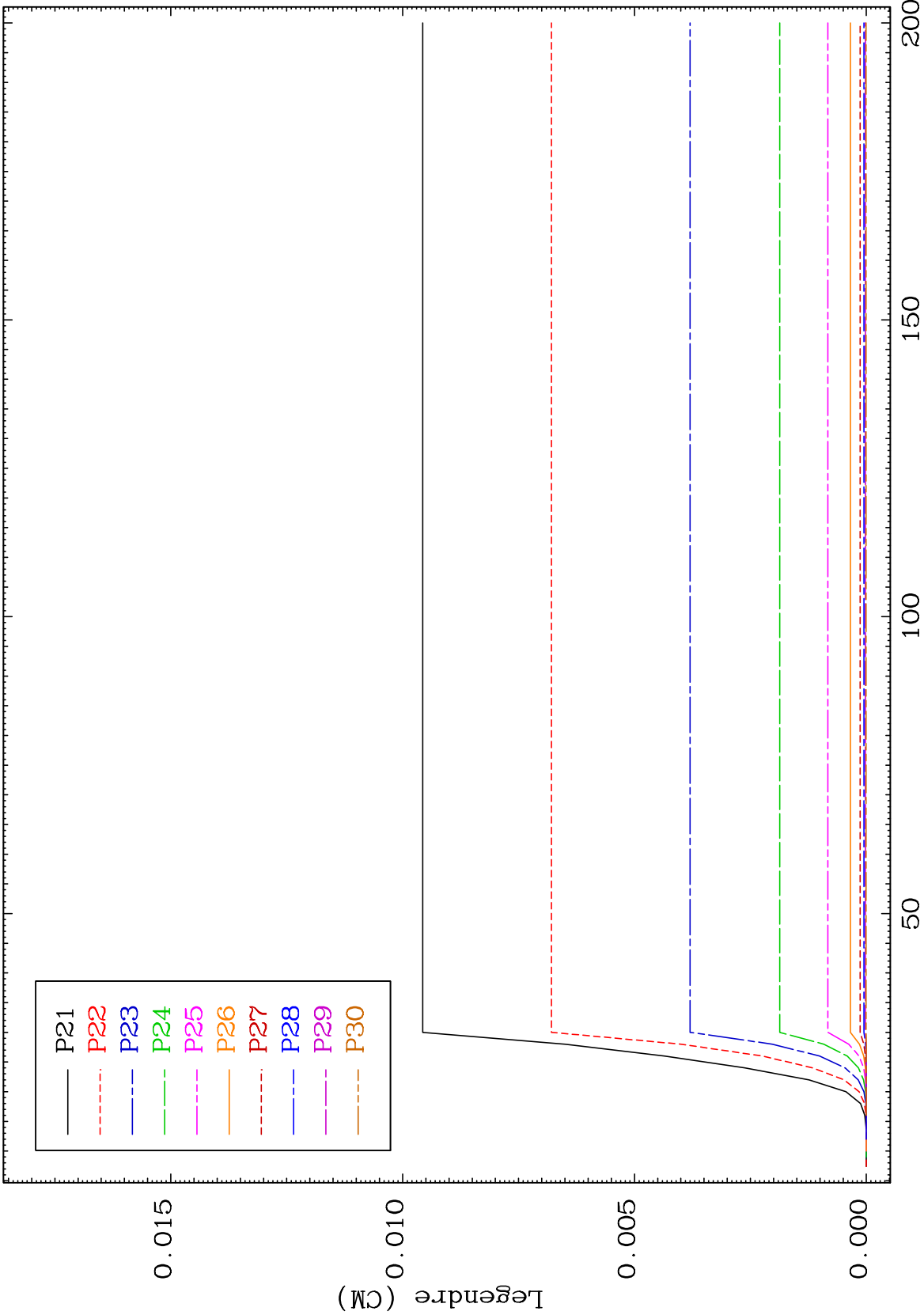
79-Au-195



53

Incident Energy (MeV)

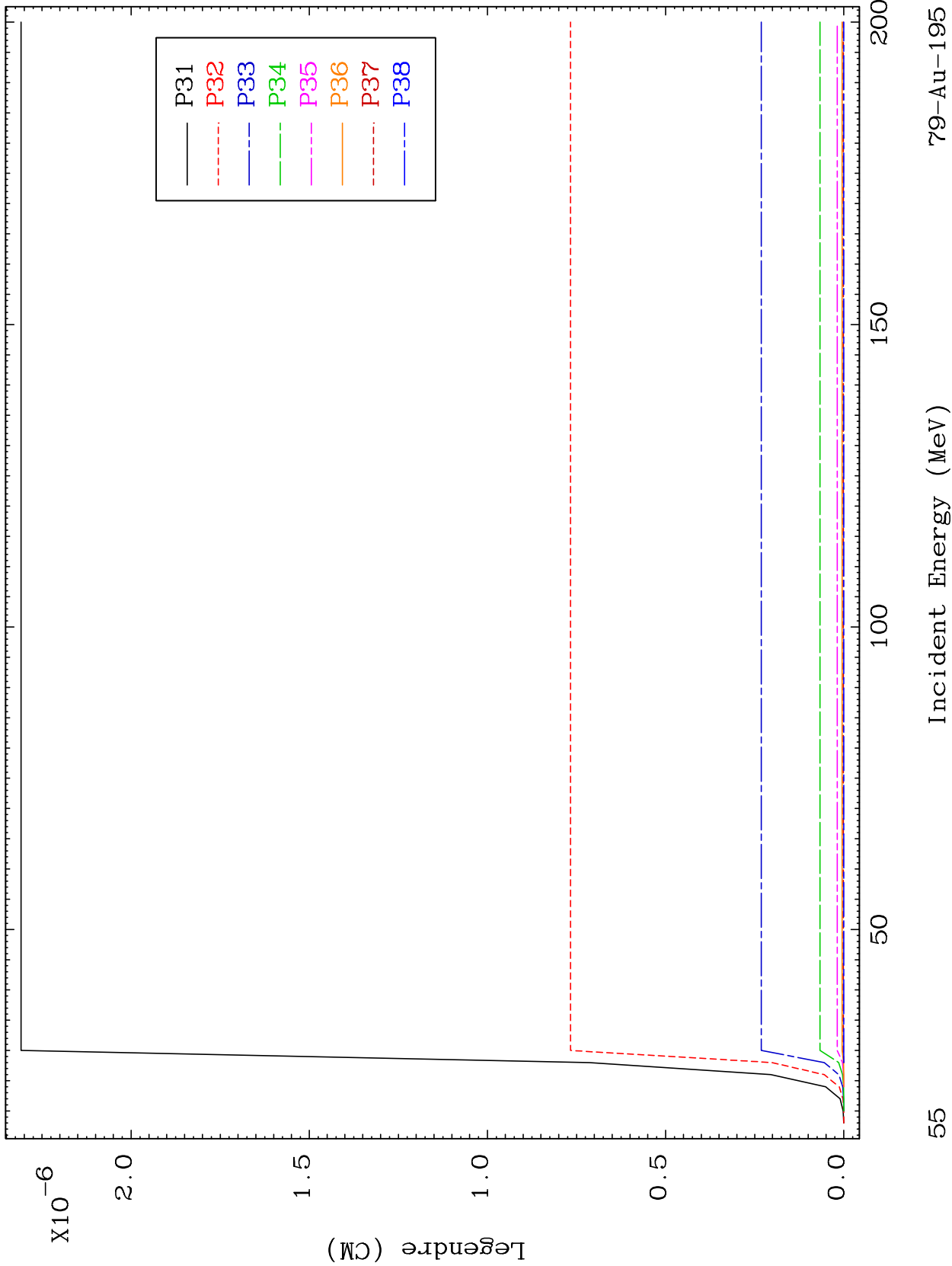
79-Au-195



MAT 7919

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

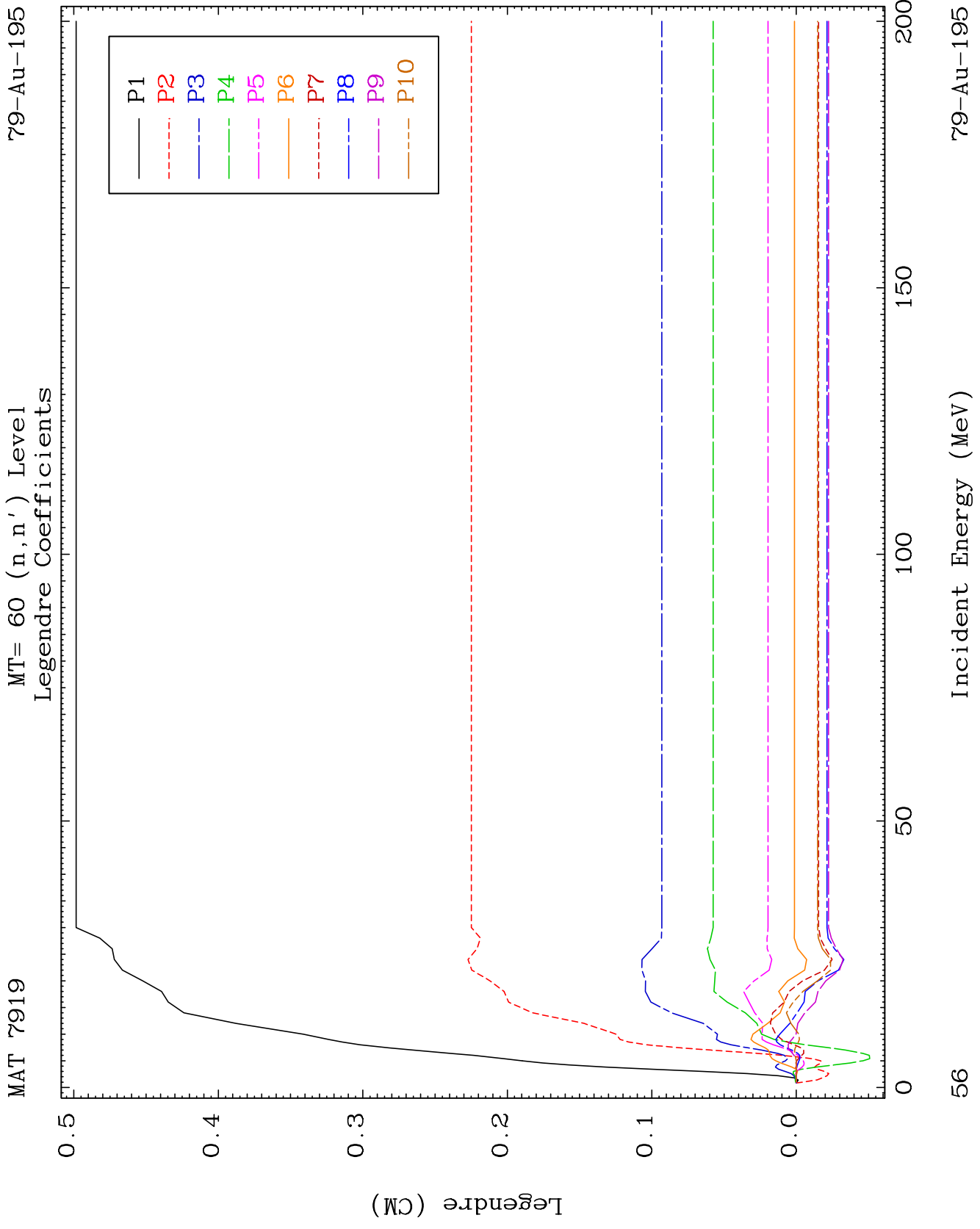
79-Au-195



55

Incident Energy (MeV)

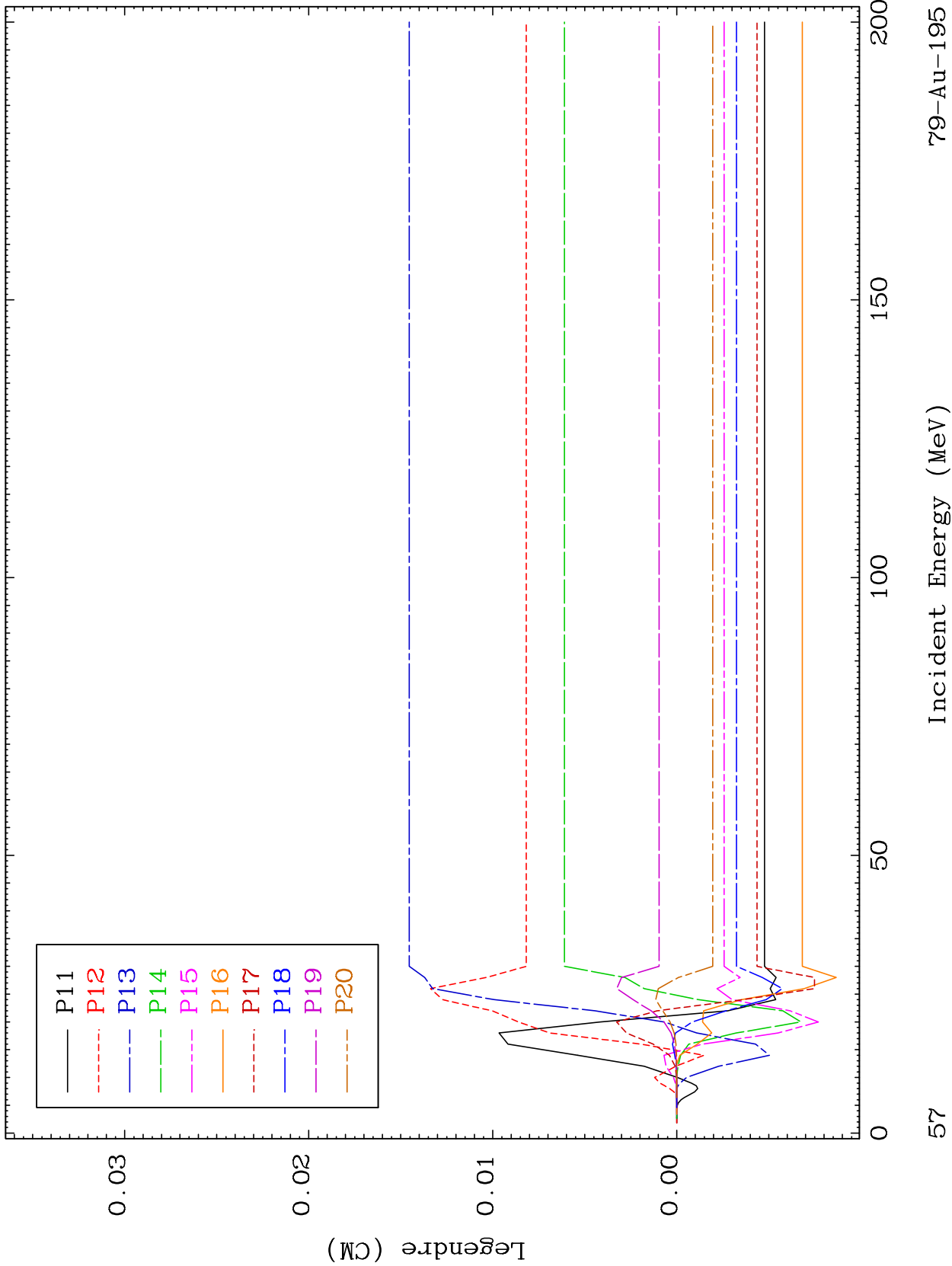
79-Au-195



MAT 7919

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

79-Au-195



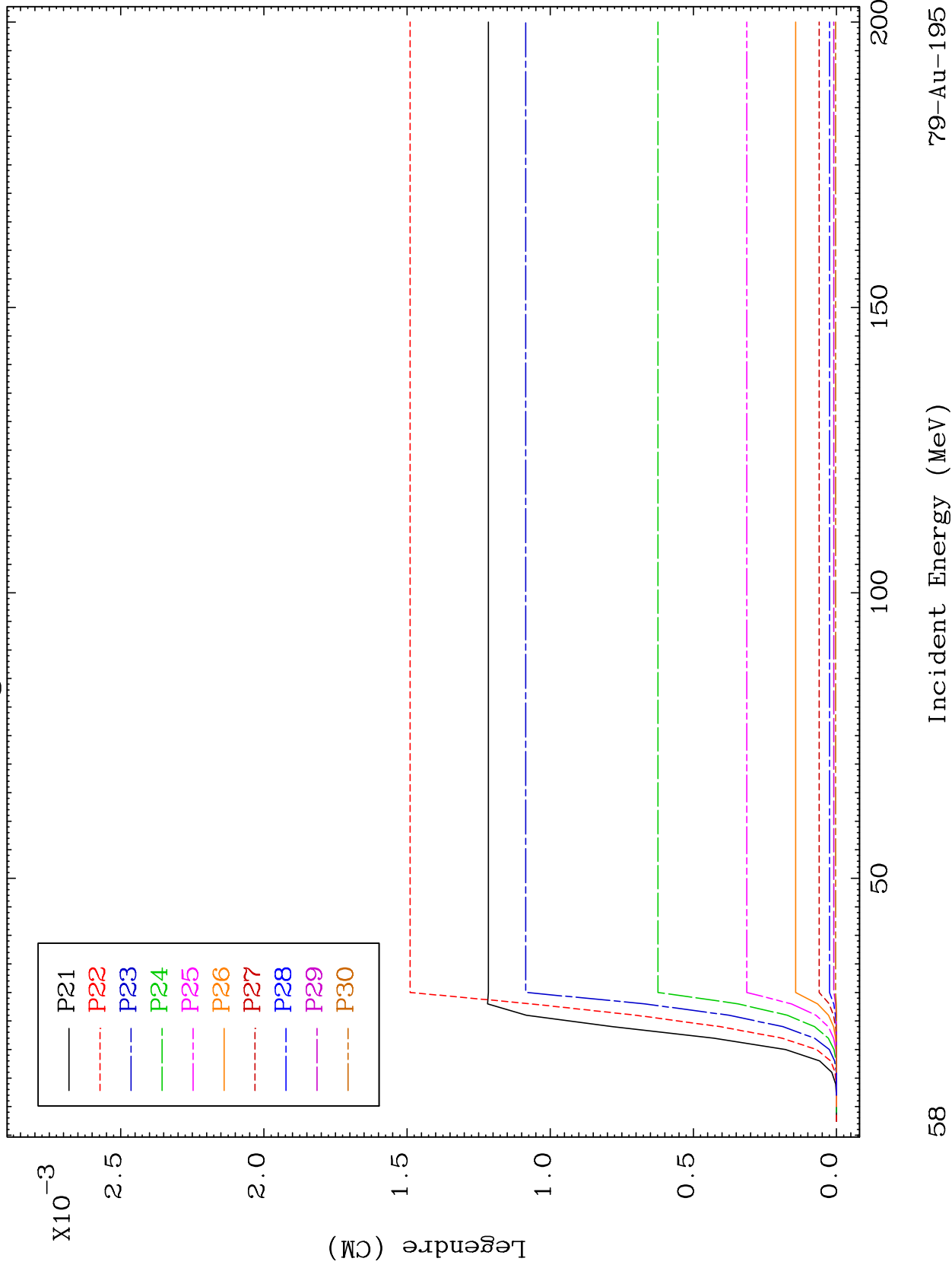
57

79-Au-195

MAT 7919

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

79-Au-195



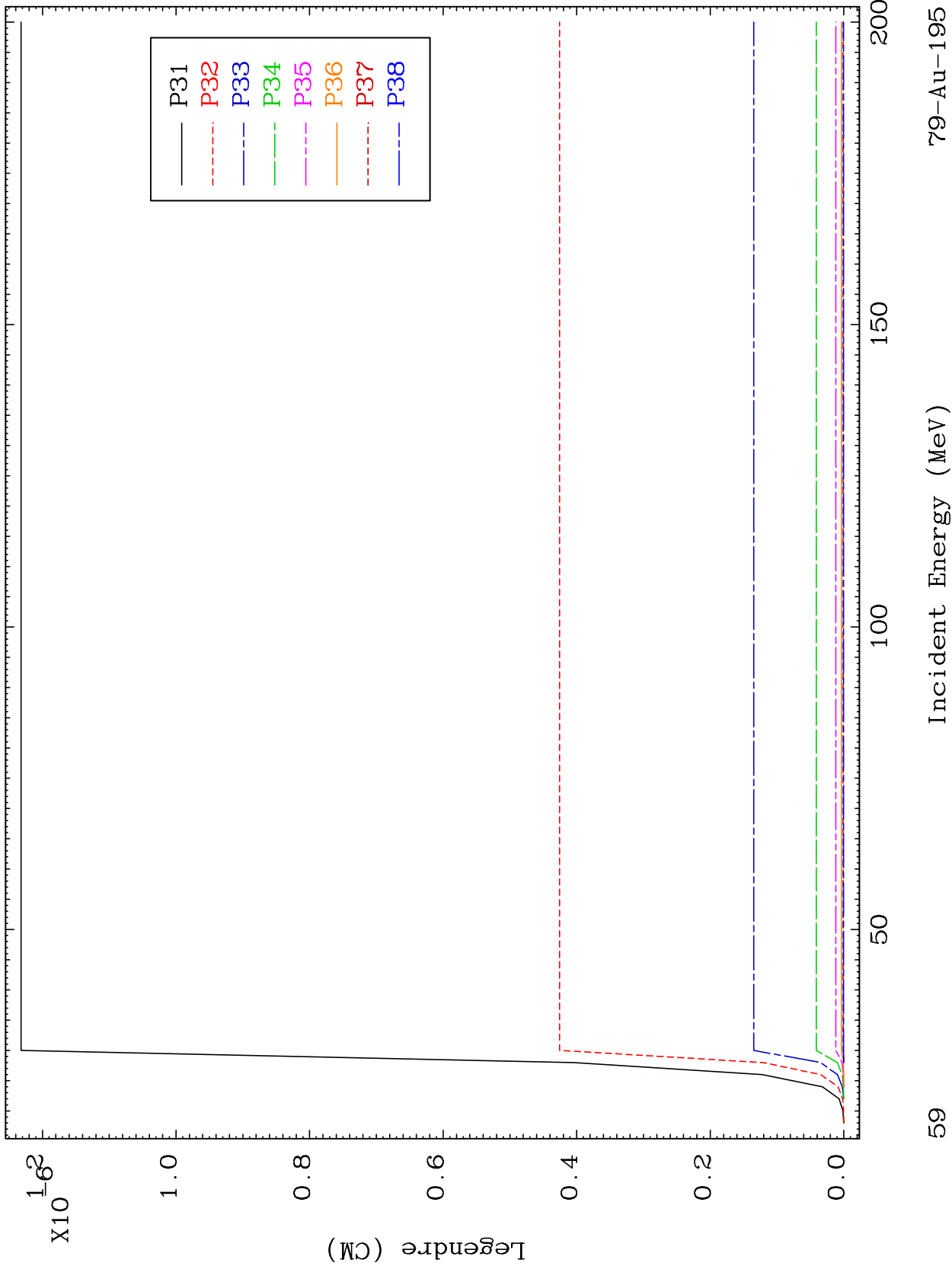
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79-Au-195

MAT 7919

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

79-Au-195



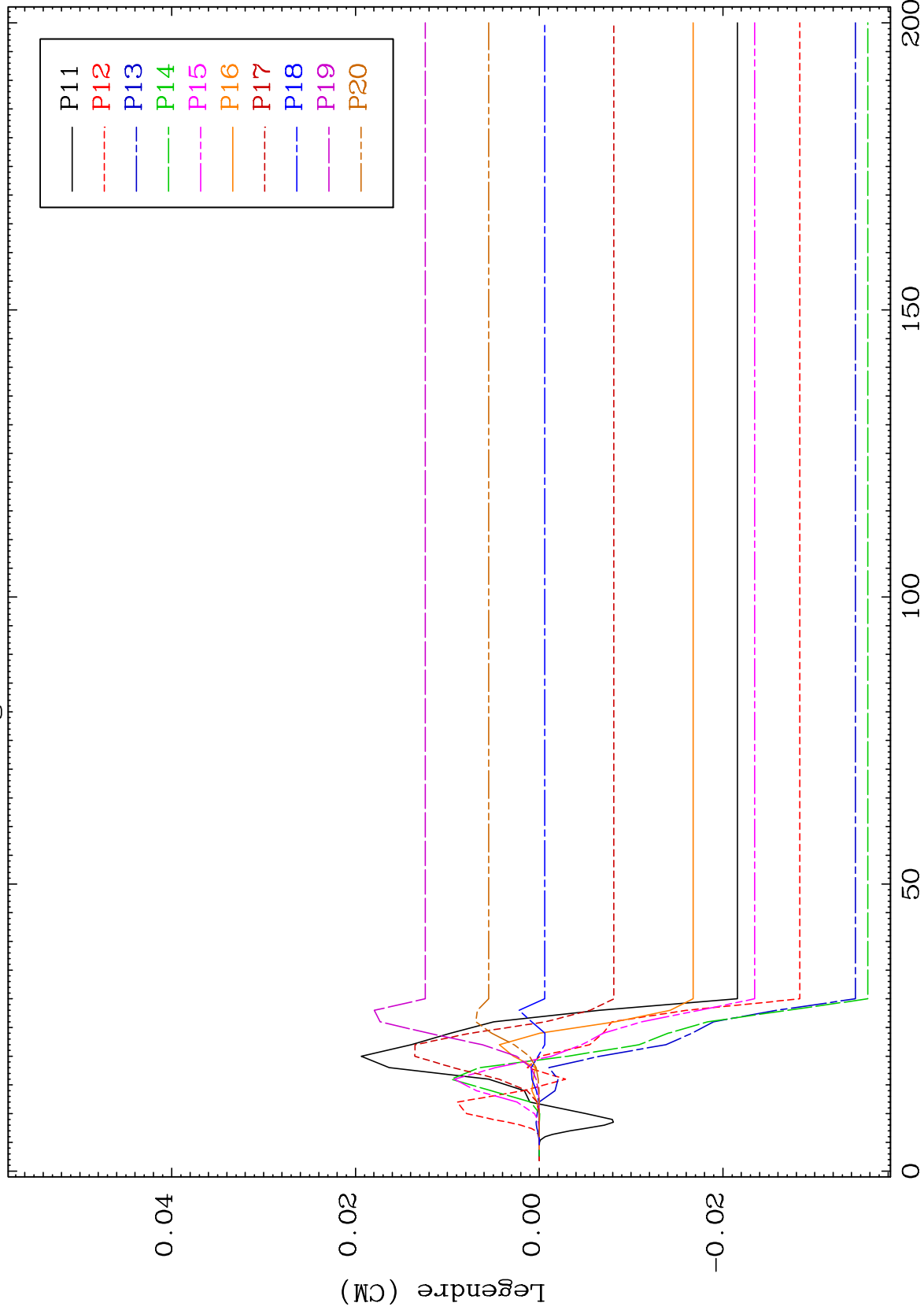
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79-Au-195

MAT 7919

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

79-Au-195



61

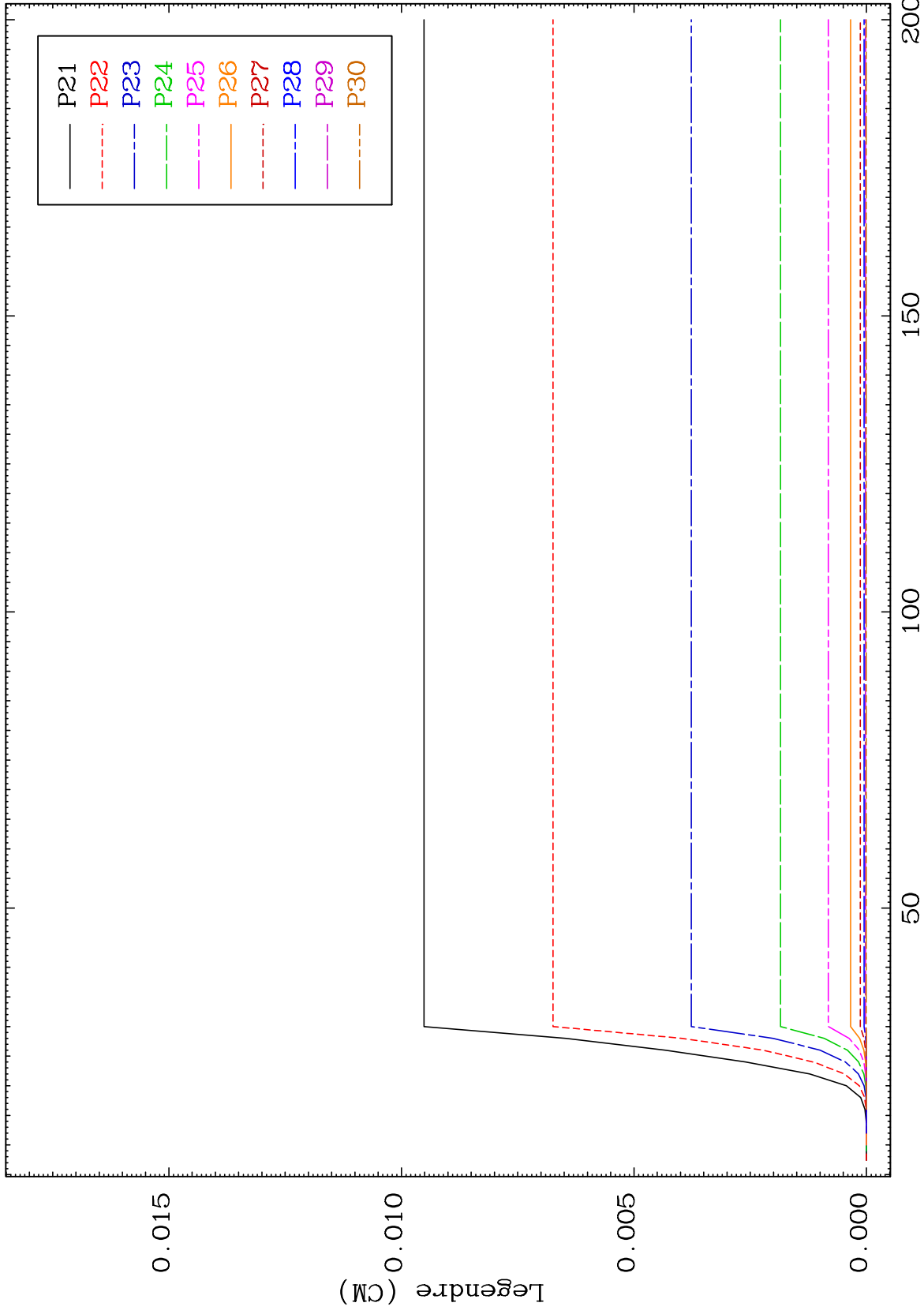
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



62

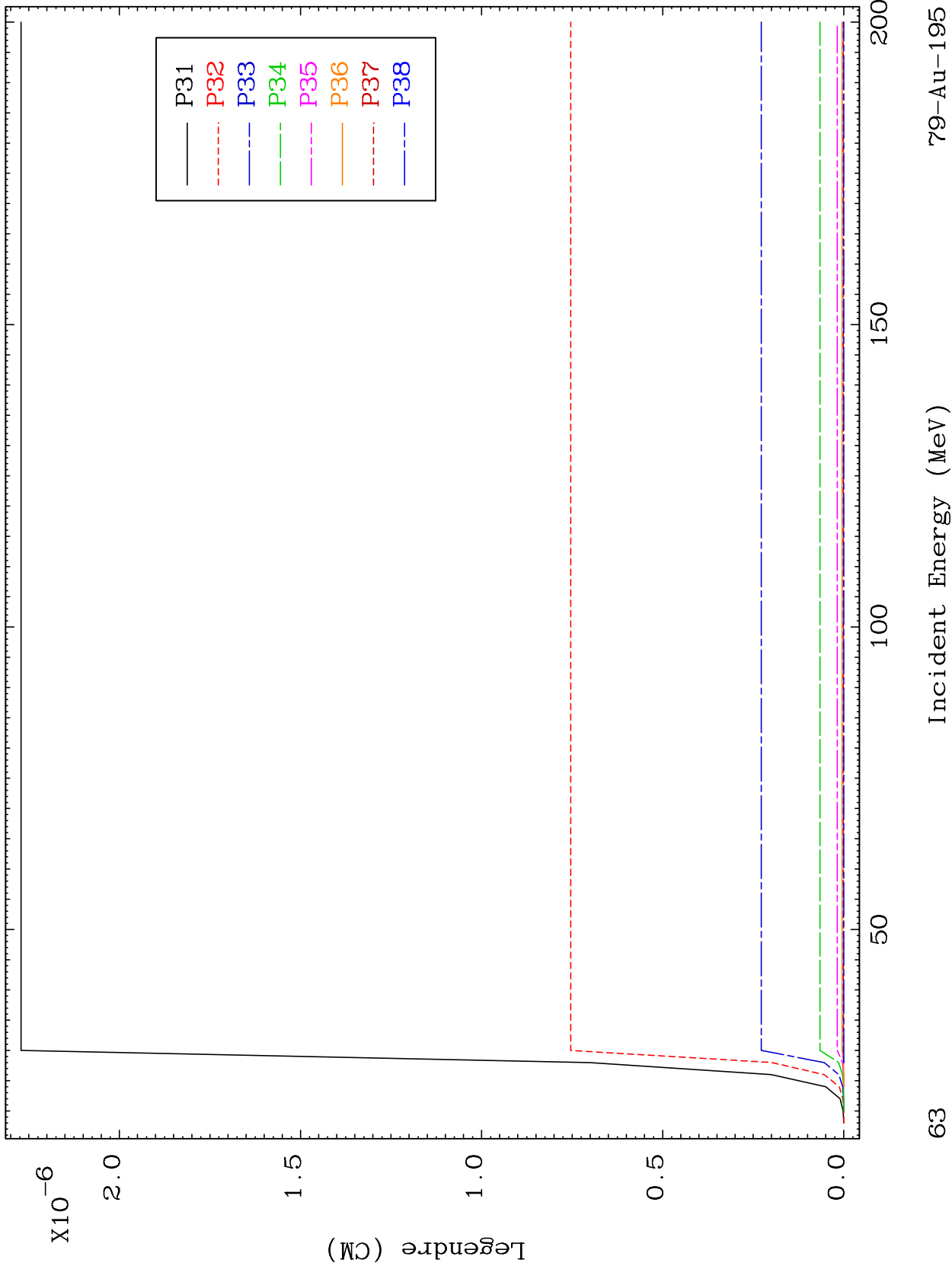
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



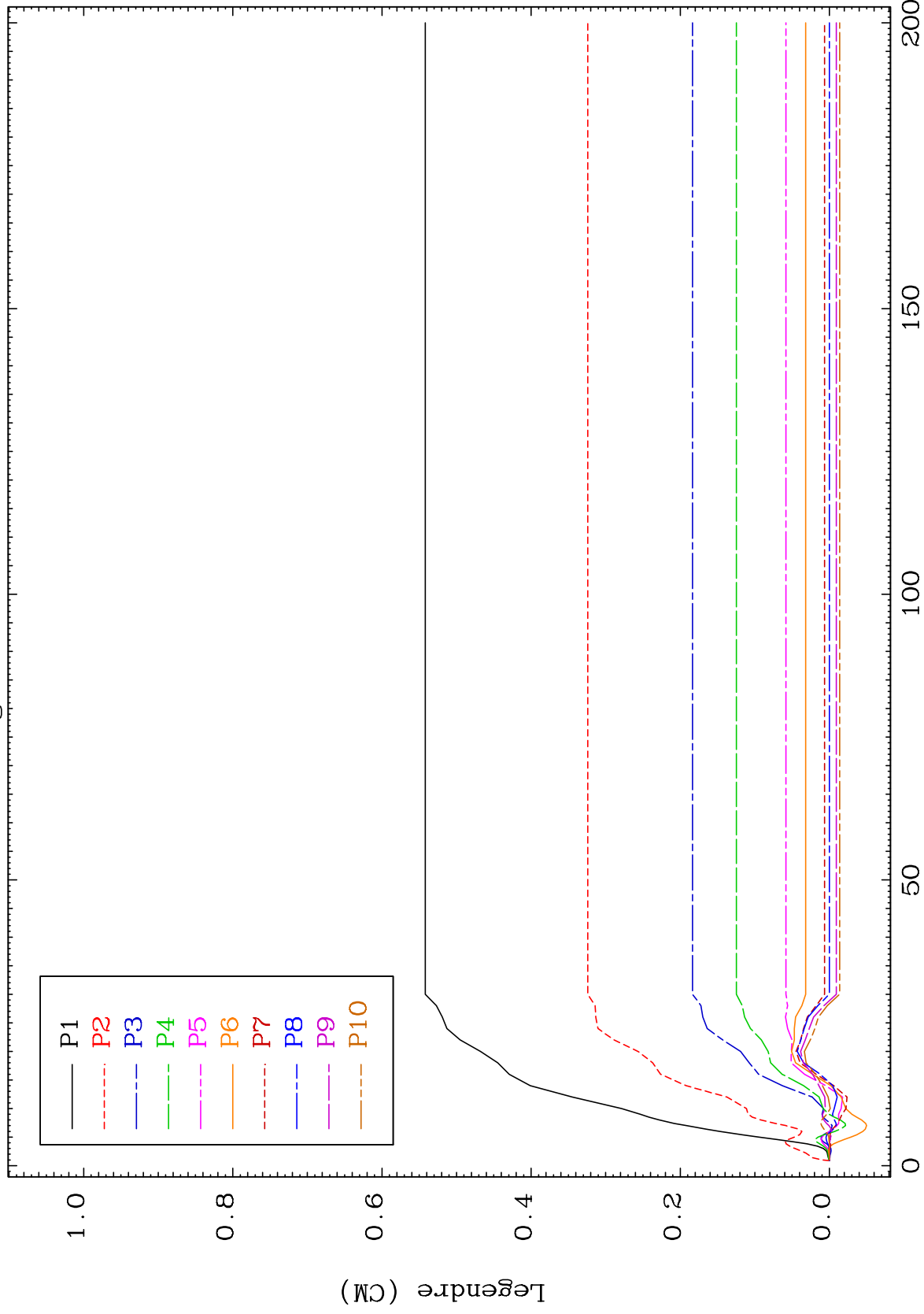
63

79-Au-195

MAT 7919

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

79-Au-195



64

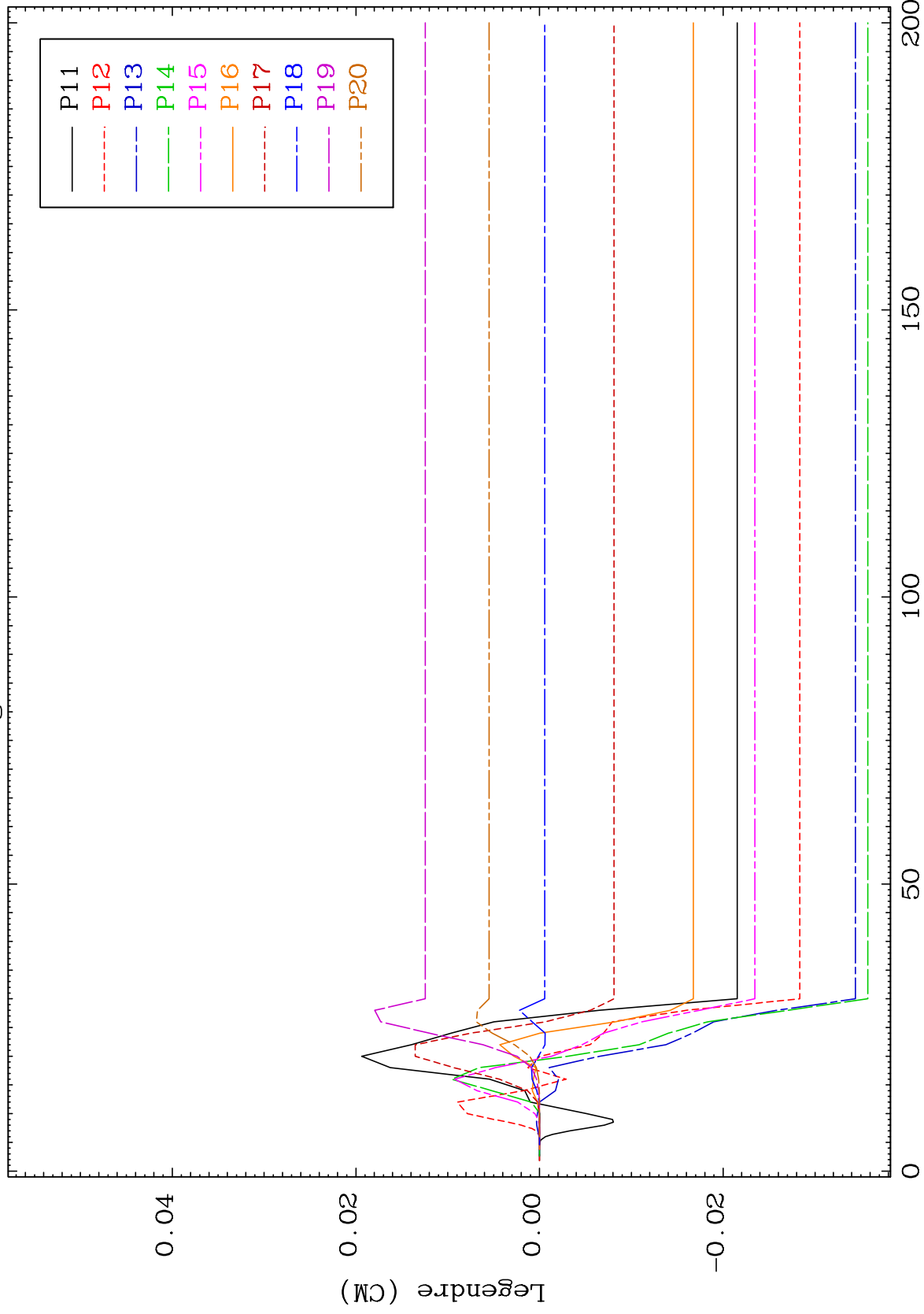
Incident Energy (MeV)

79-Au-195

MAT 7919

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

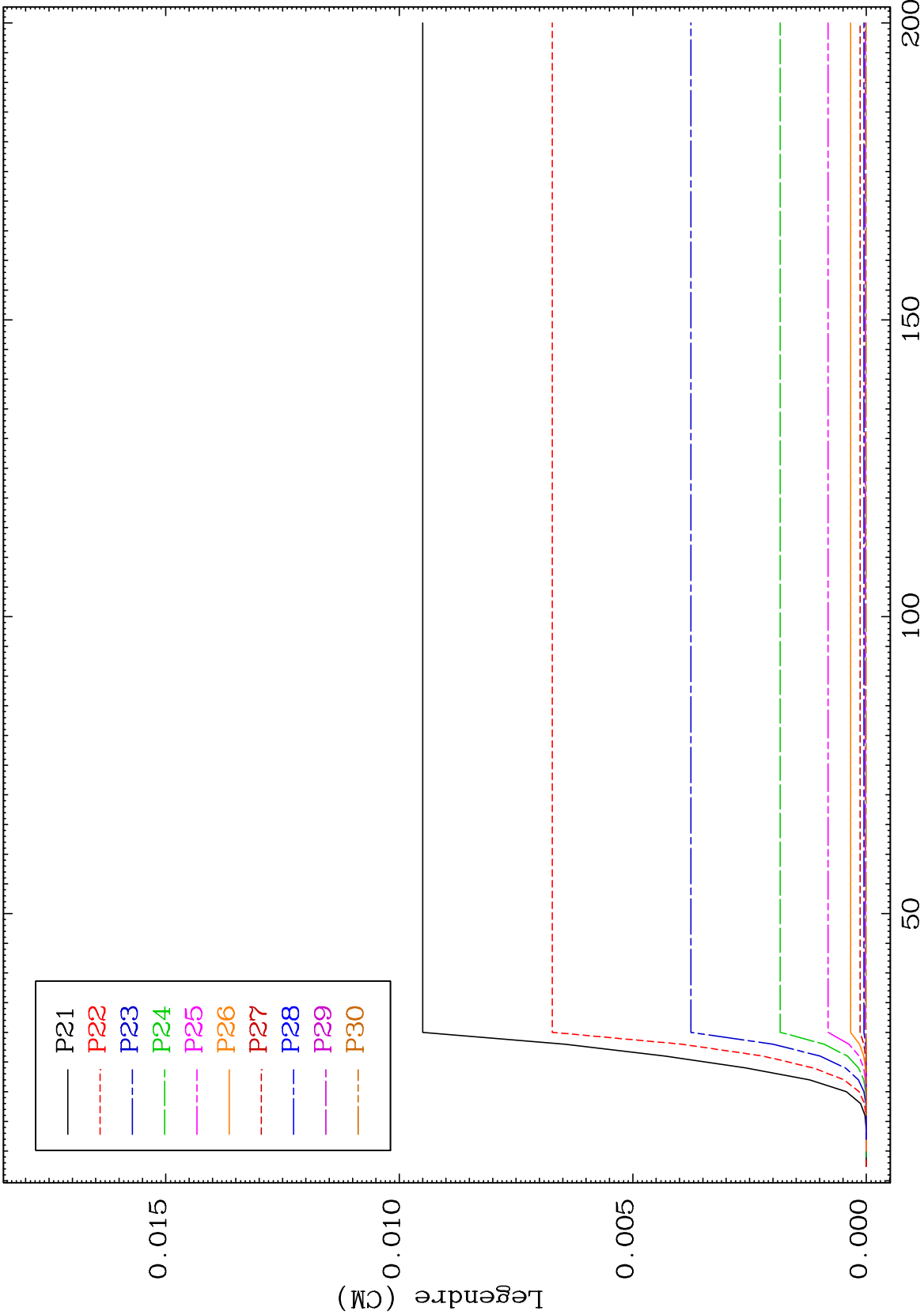
79-Au-195



65

Incident Energy (MeV)

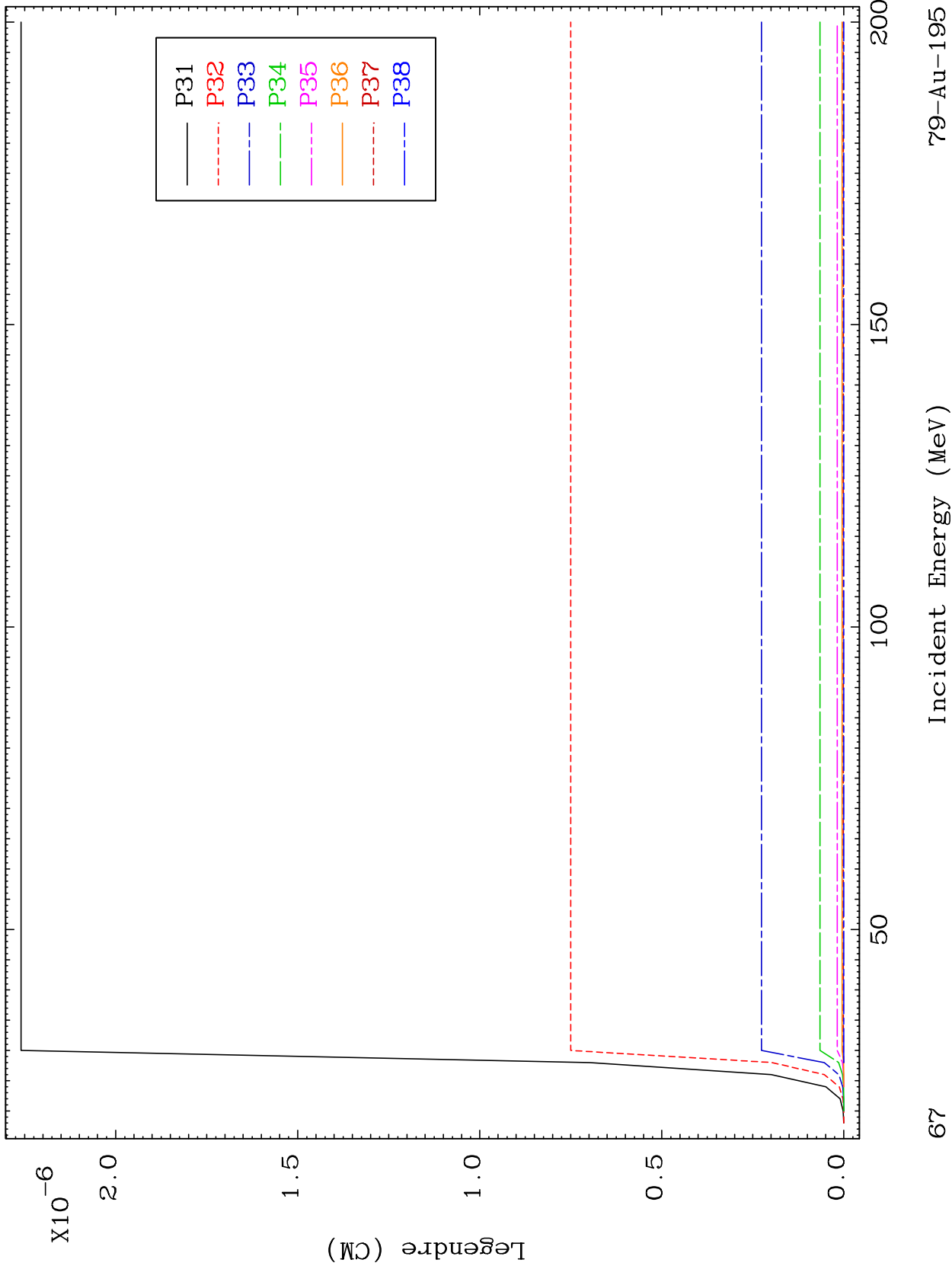
79-Au-195



MAT 7919

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

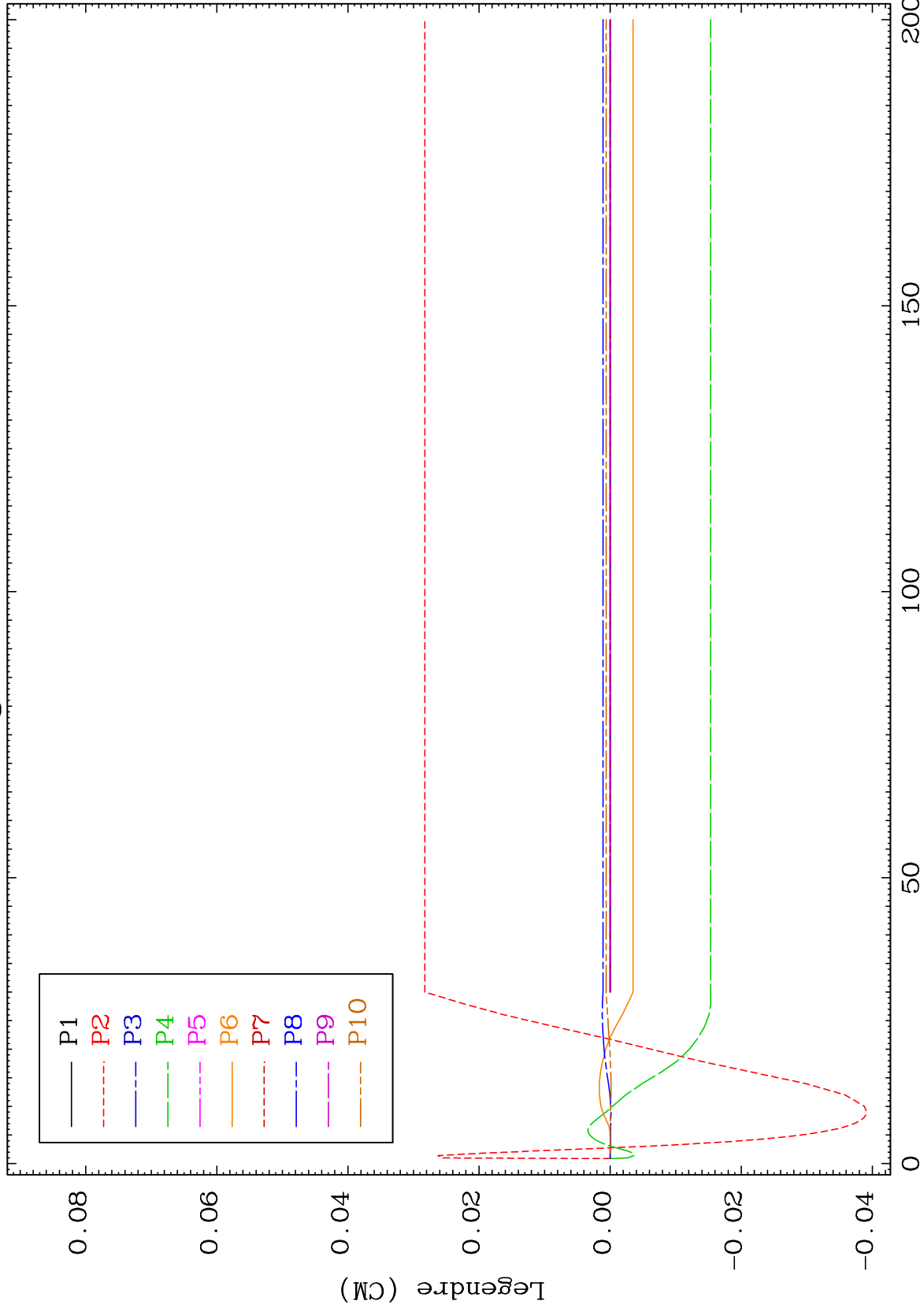
79-Au-195



MAT 7919

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

79-Au-195



79-Au-195

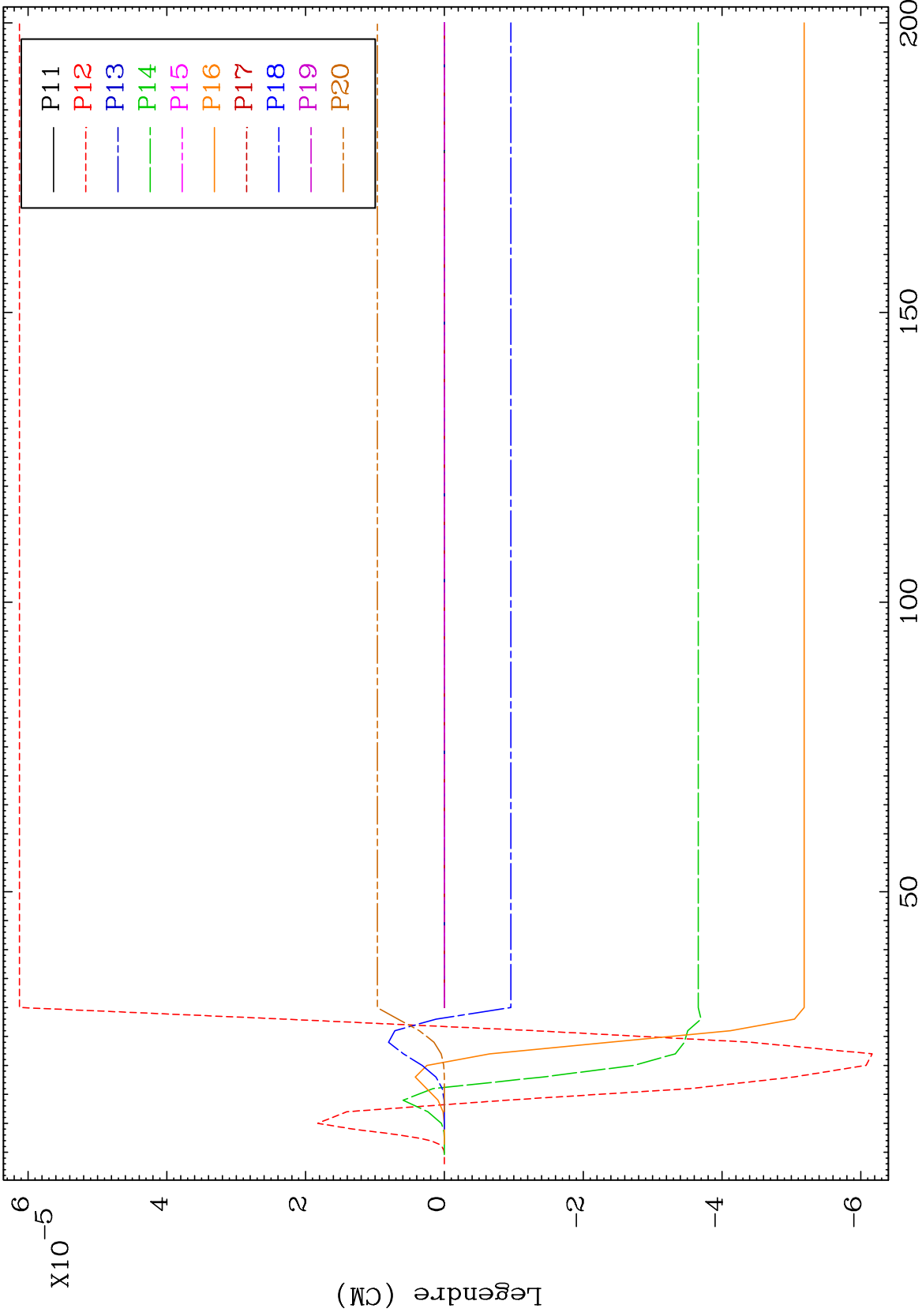
Incident Energy (MeV)

68

MAT 7919

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

79-Au-195



69

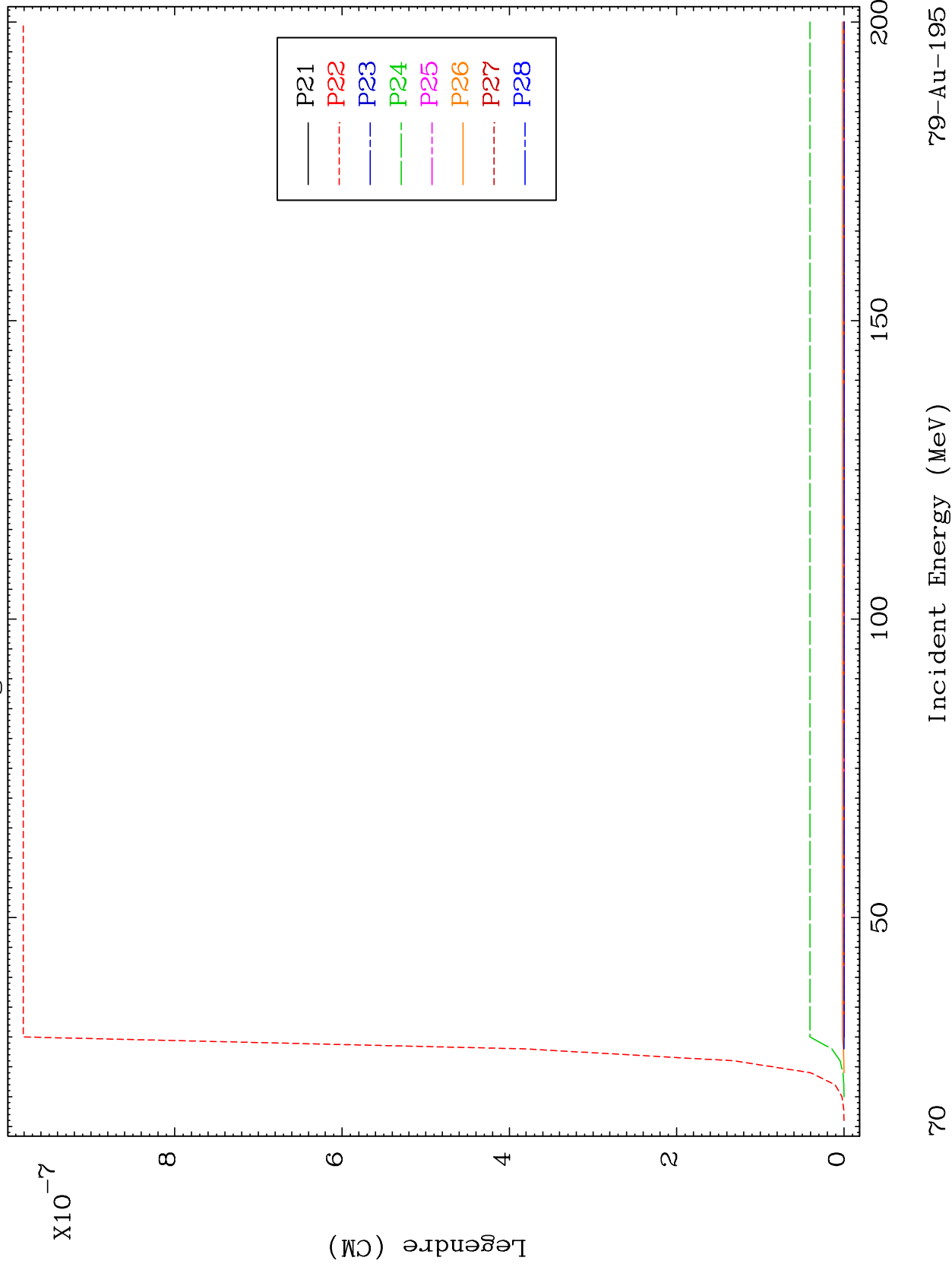
Incident Energy (MeV)

79-Au-195

MAT 7919

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

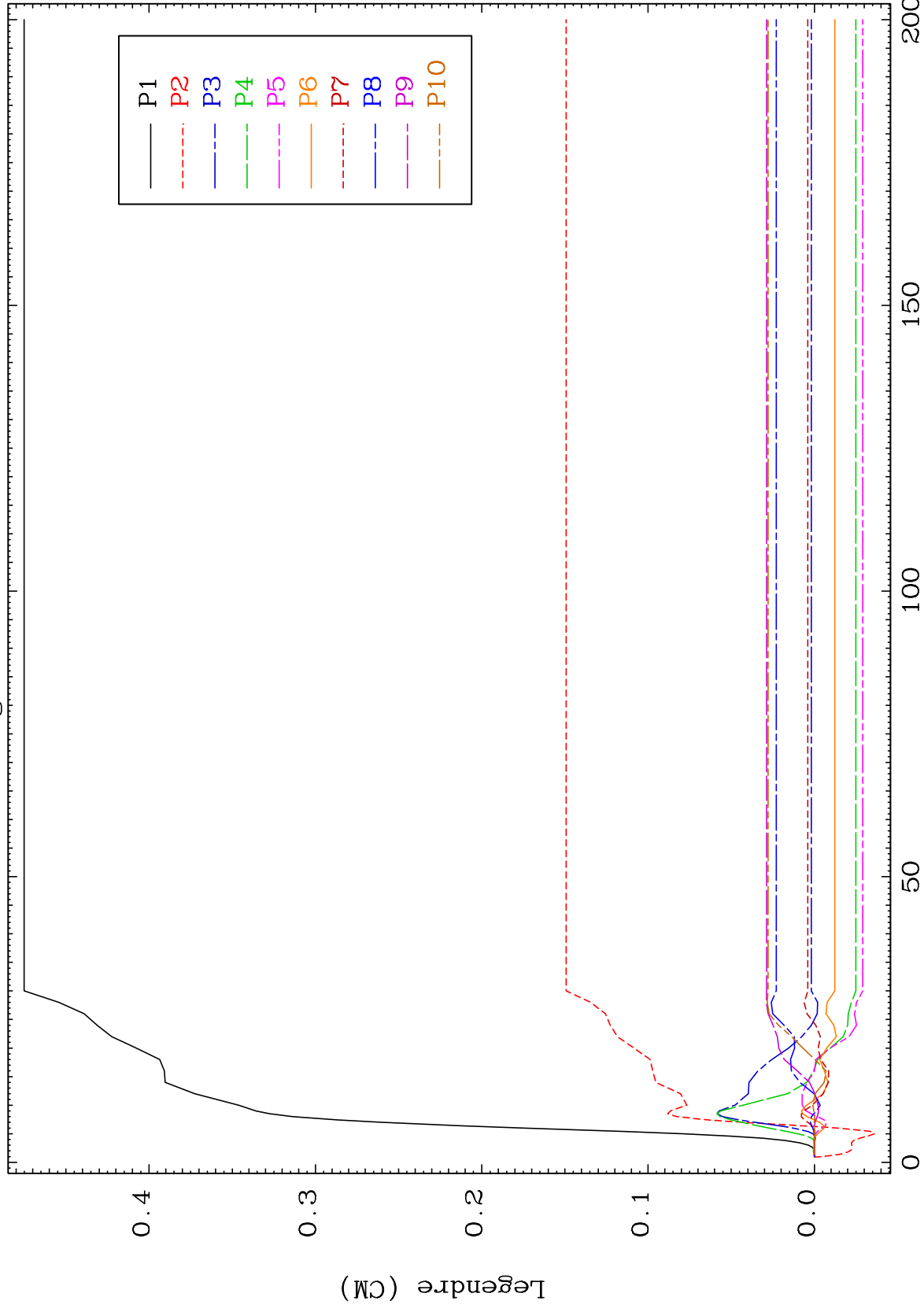
79-Au-195



MAT 7919

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

79-Au-195



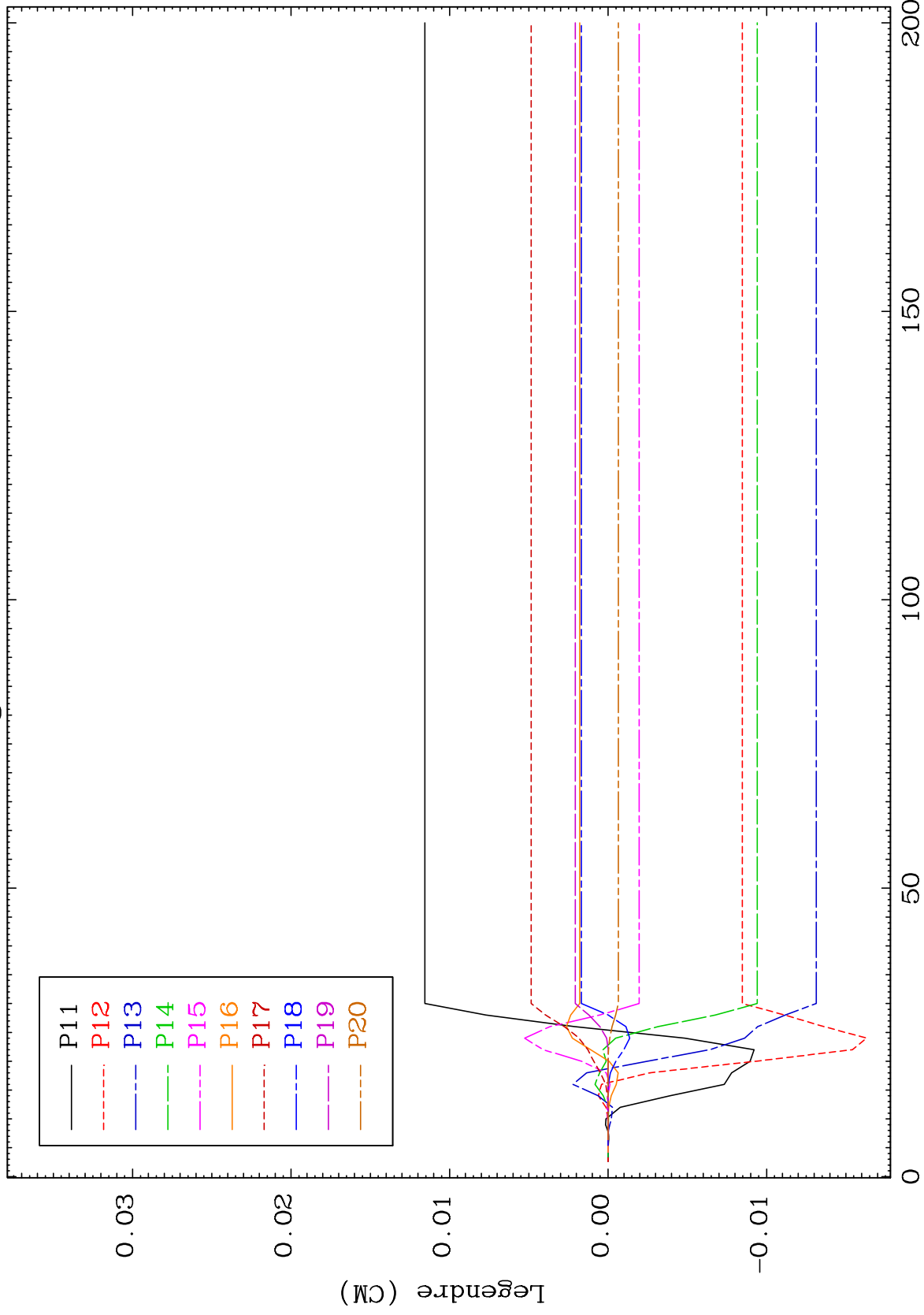
71

79-Au-195

MAT 7919

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

79-Au-195



72

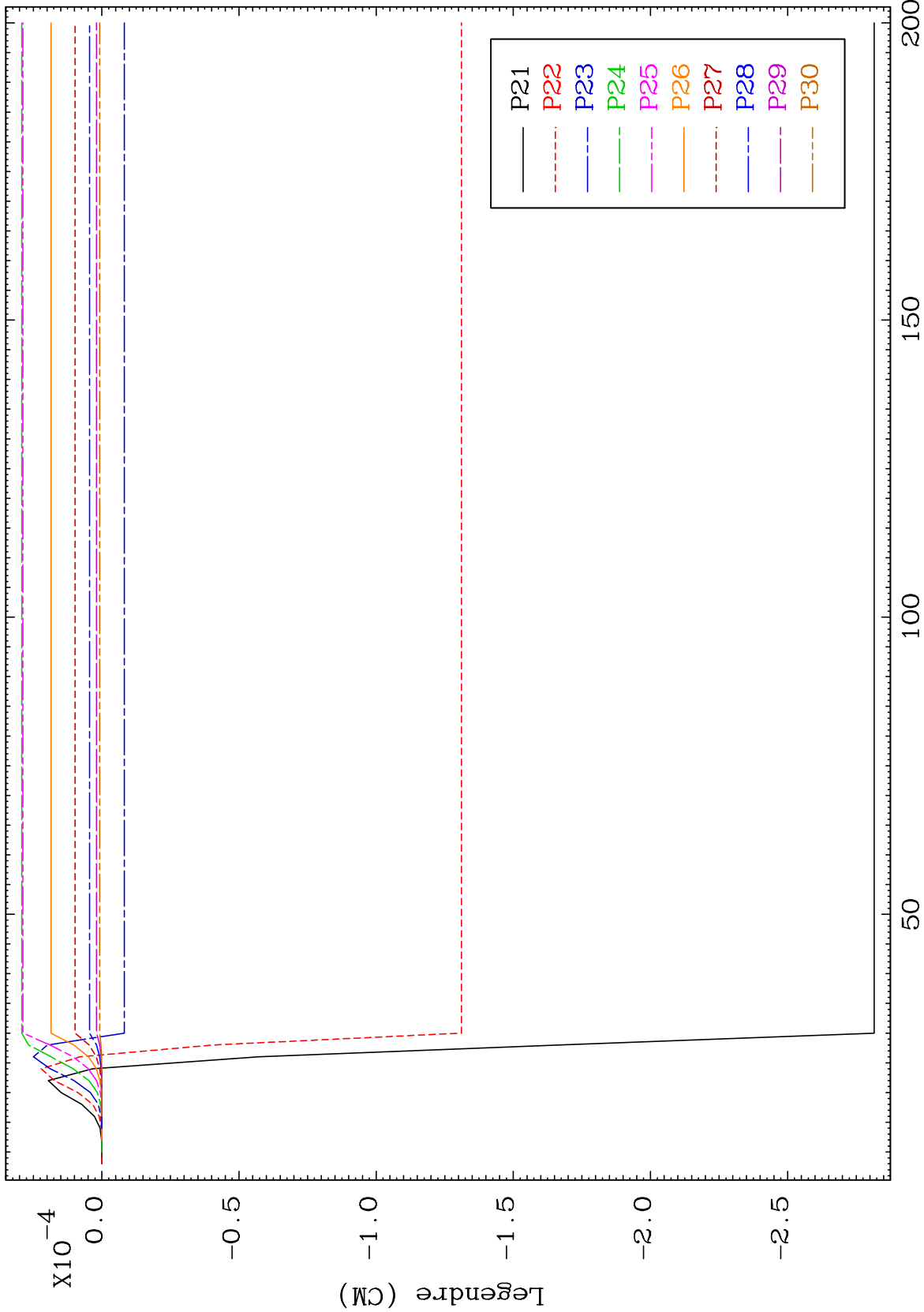
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



73

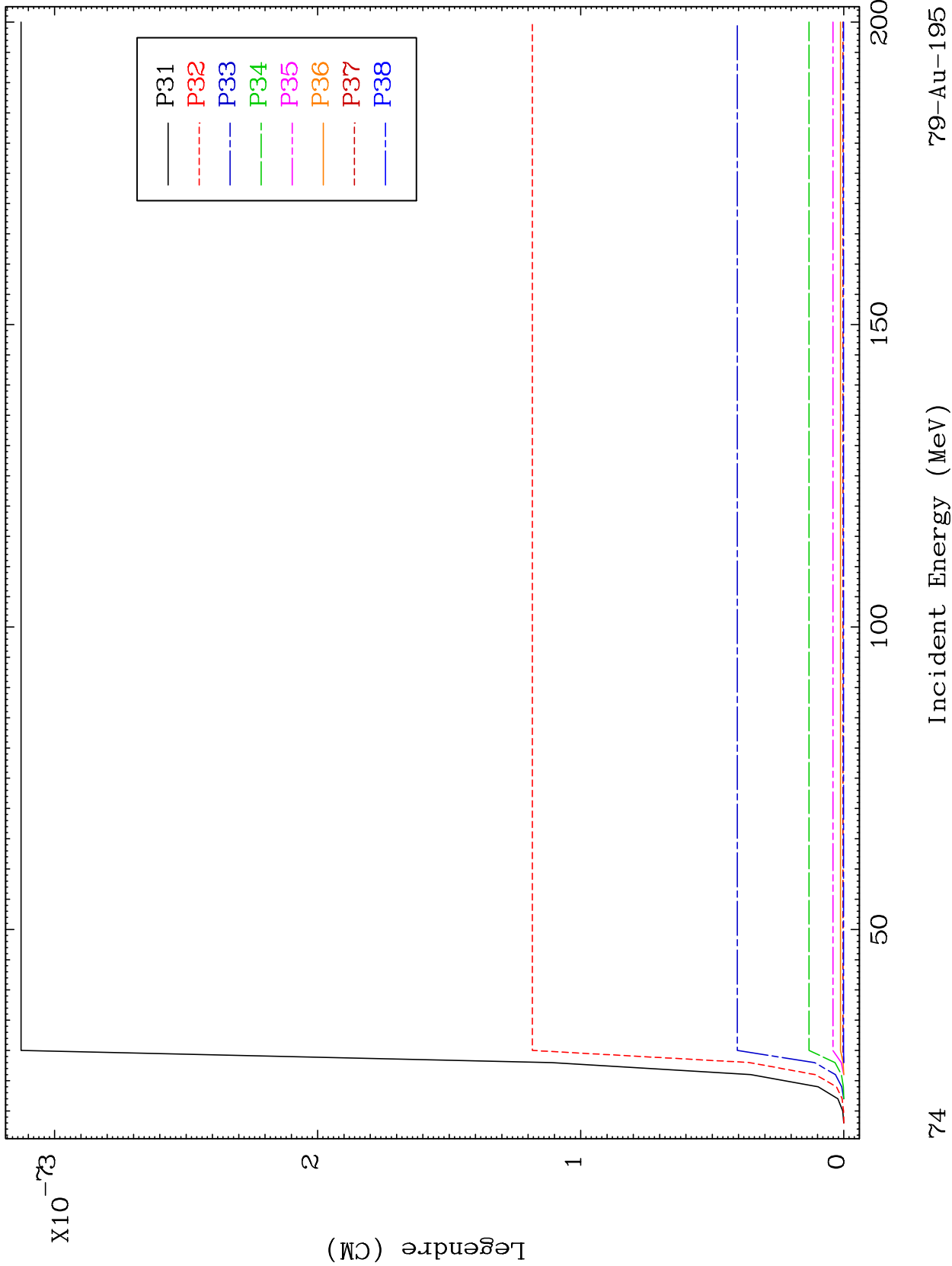
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



74

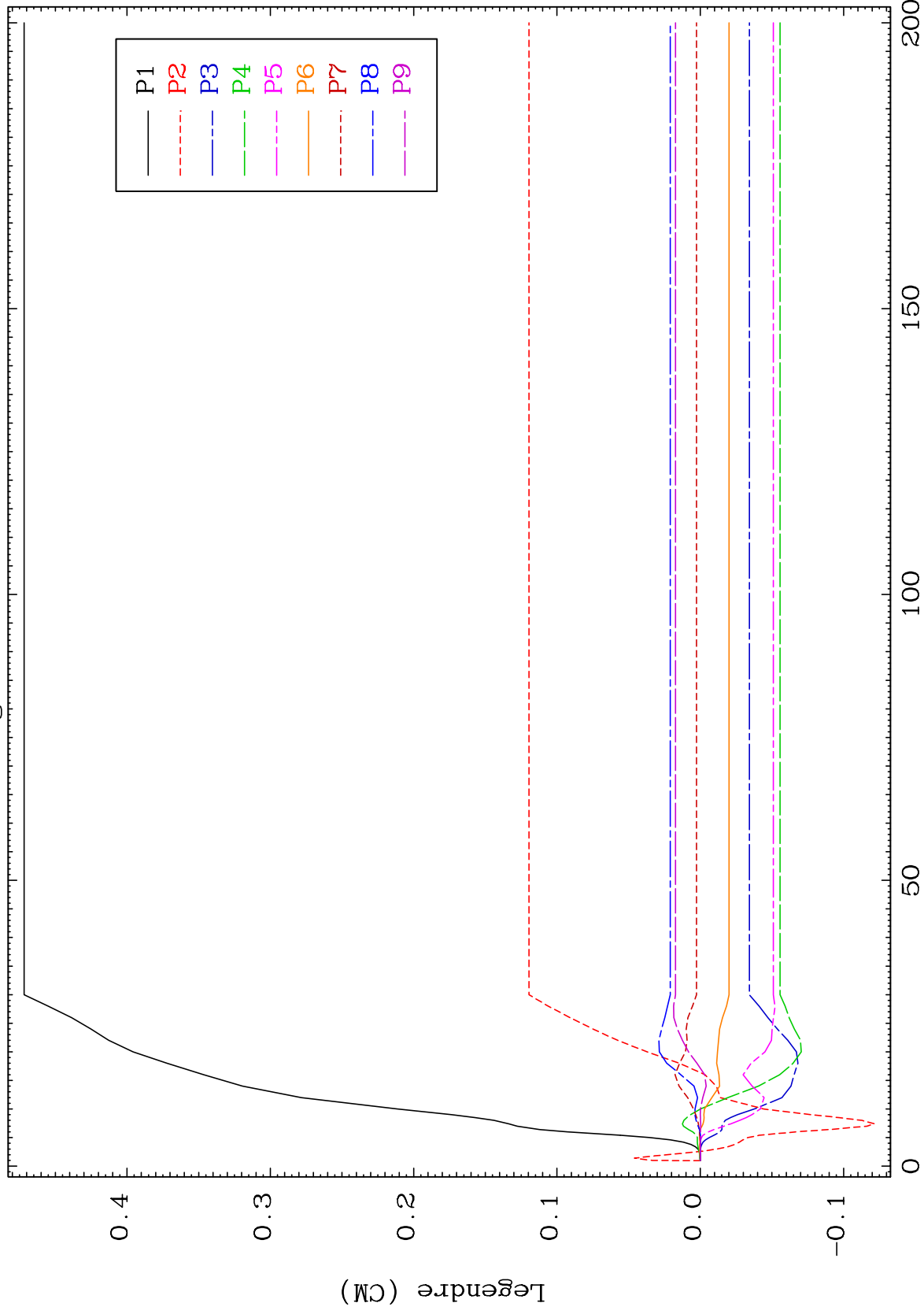
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



75

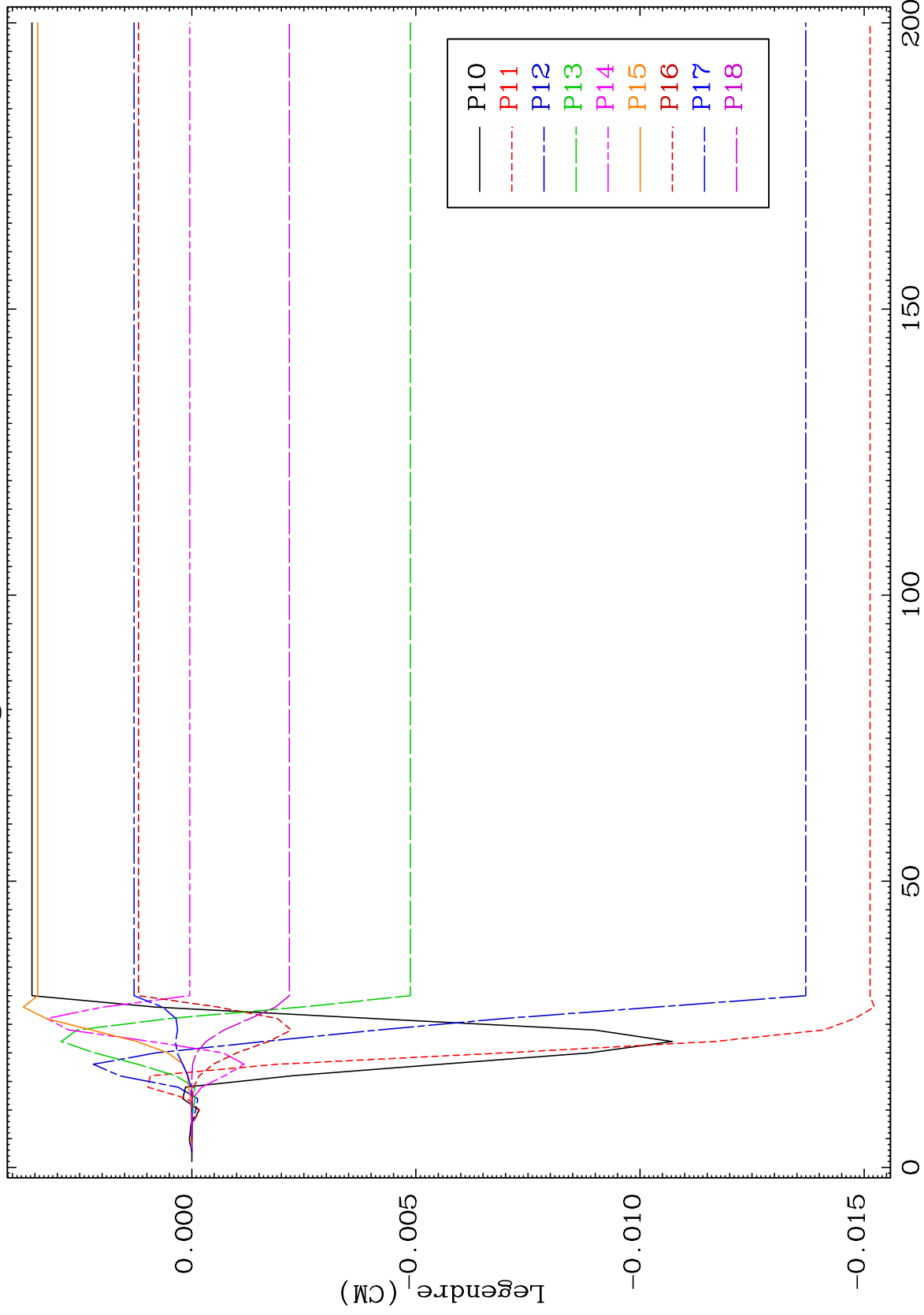
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



76

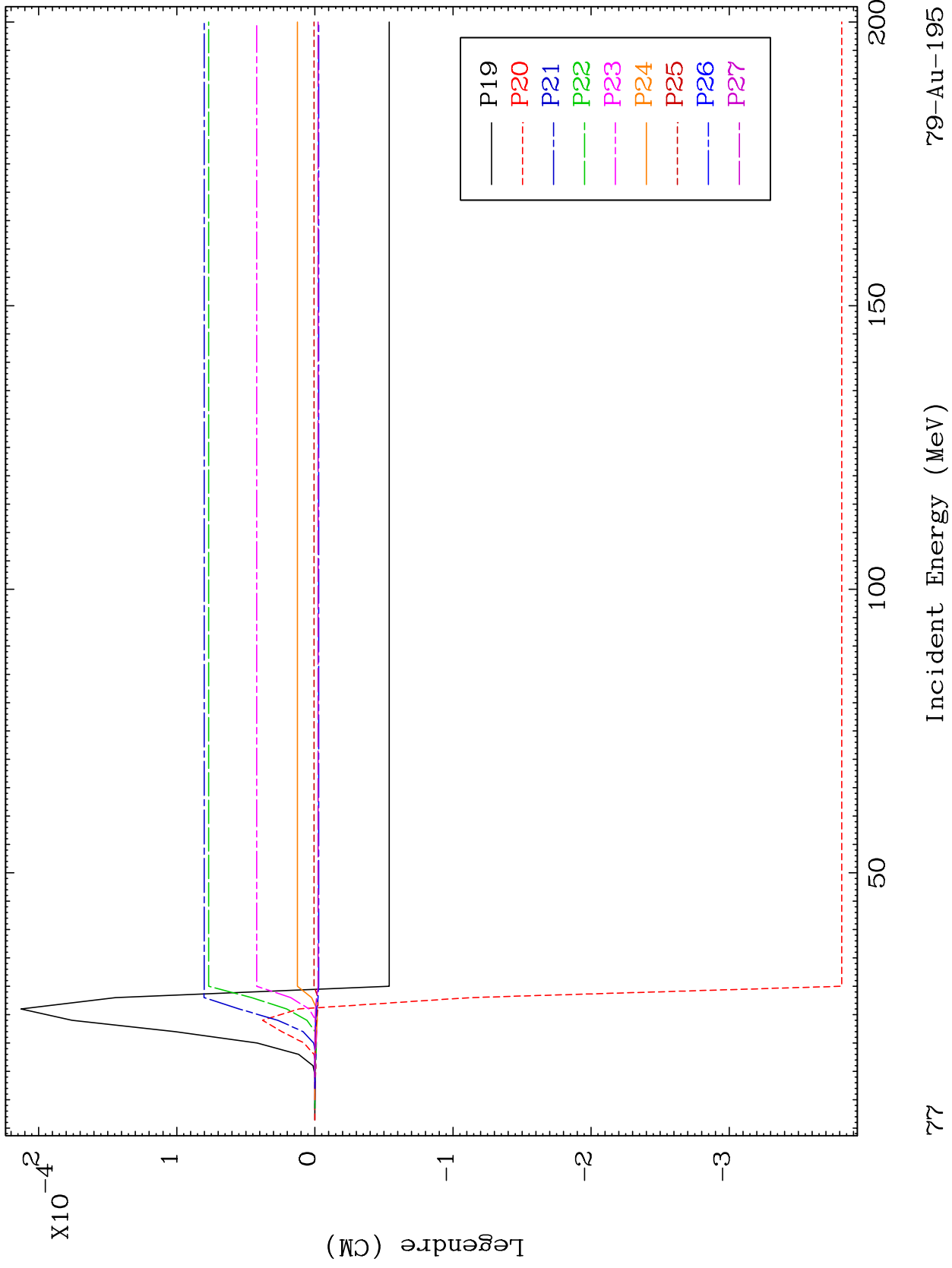
Incident Energy (MeV)

79-Au-195

MAT 7919

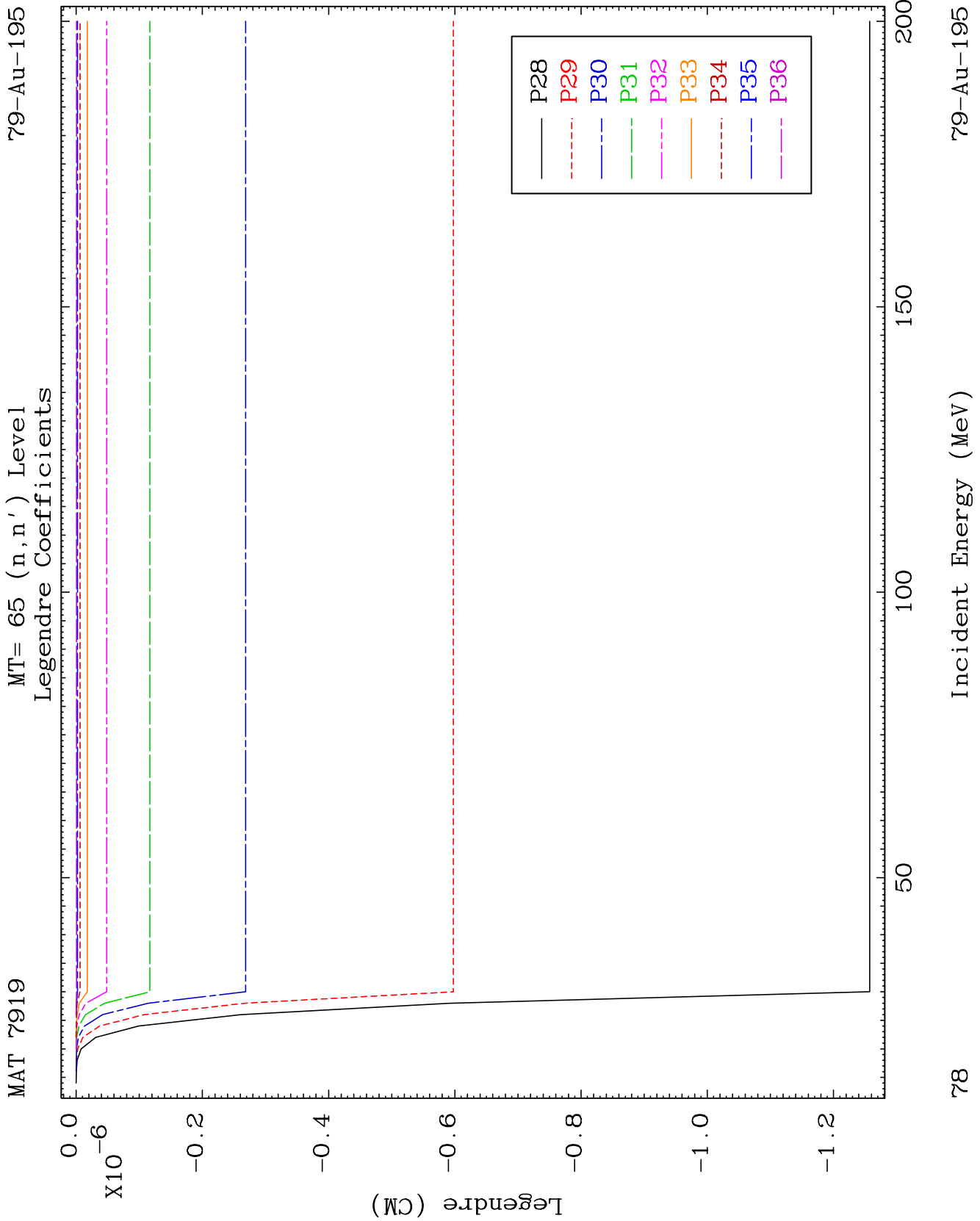
MT= 65 (n,n') Level
Legendre Coefficients

79-Au-195



77

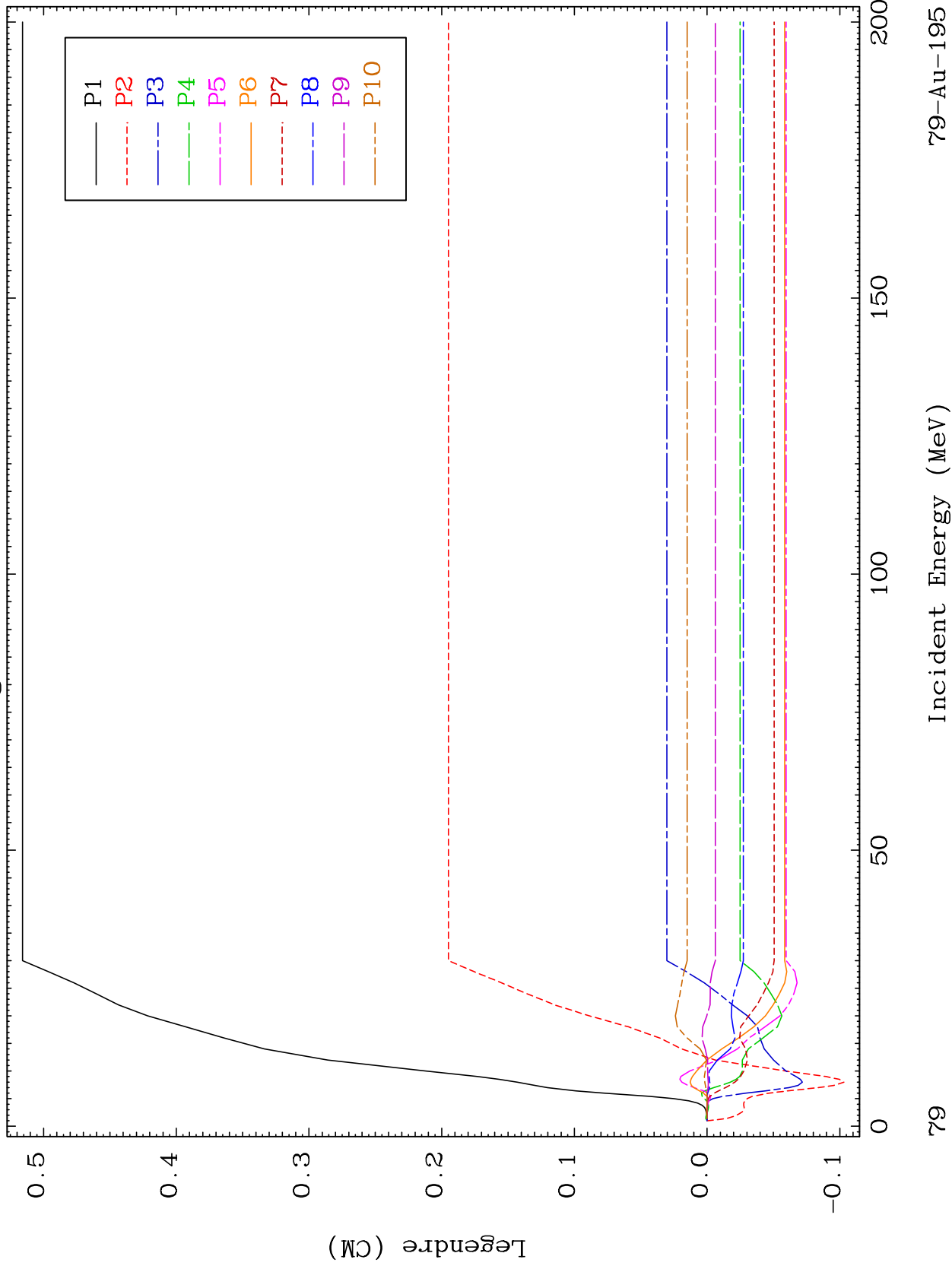
79-Au-195



MAT 7919

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

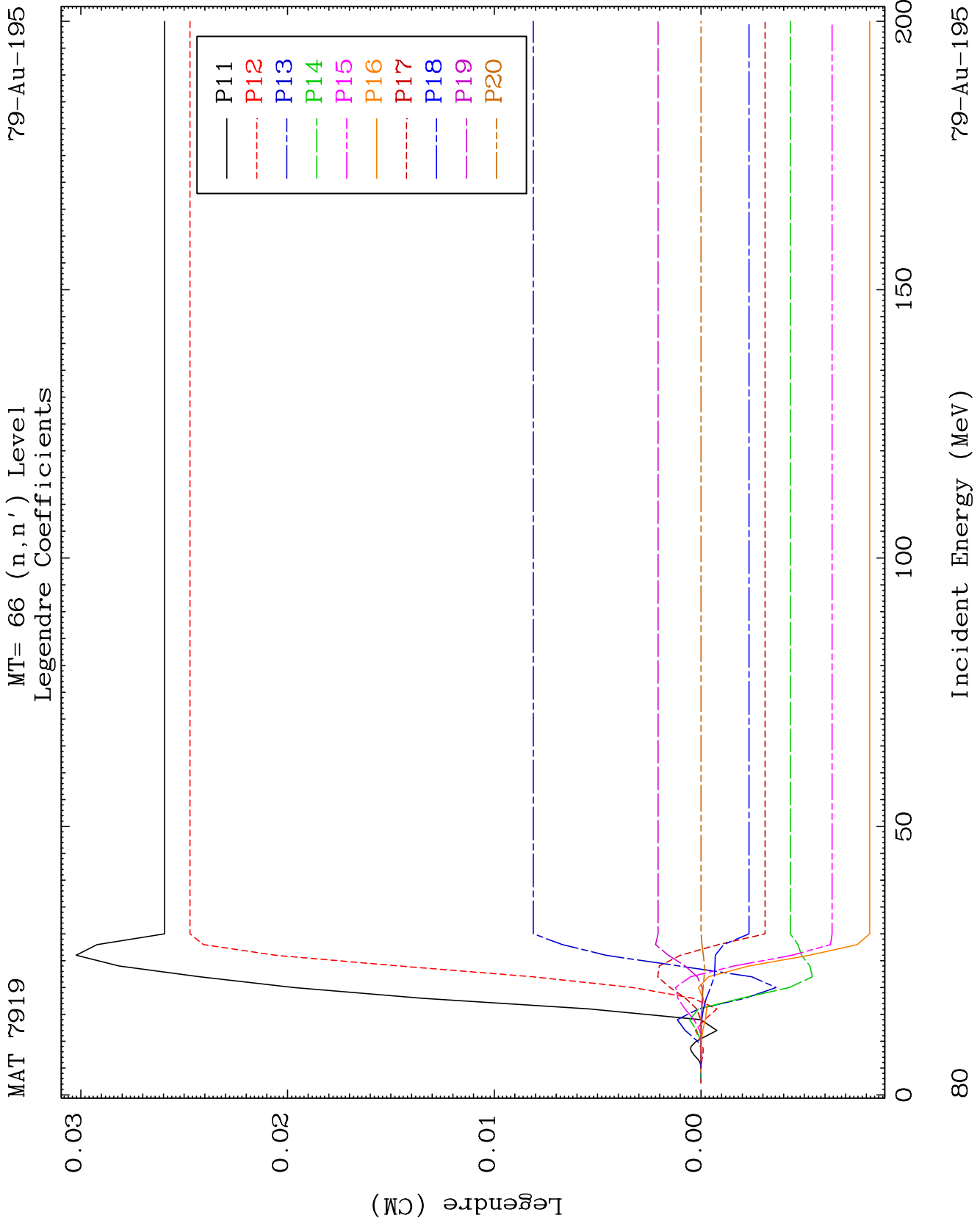
79-Au-195



79-Au-195

Incident Energy (MeV)

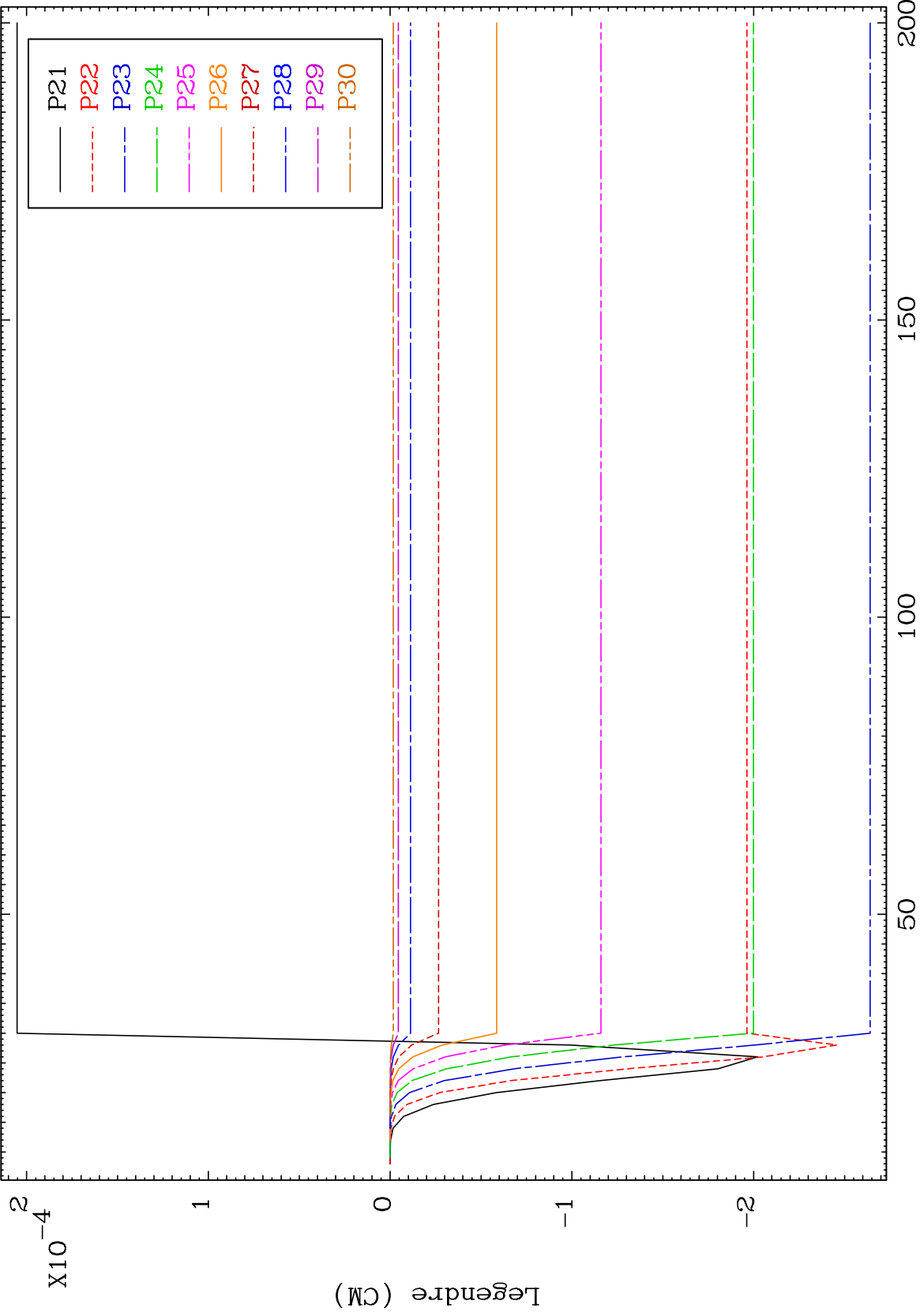
79



MAT 7919

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

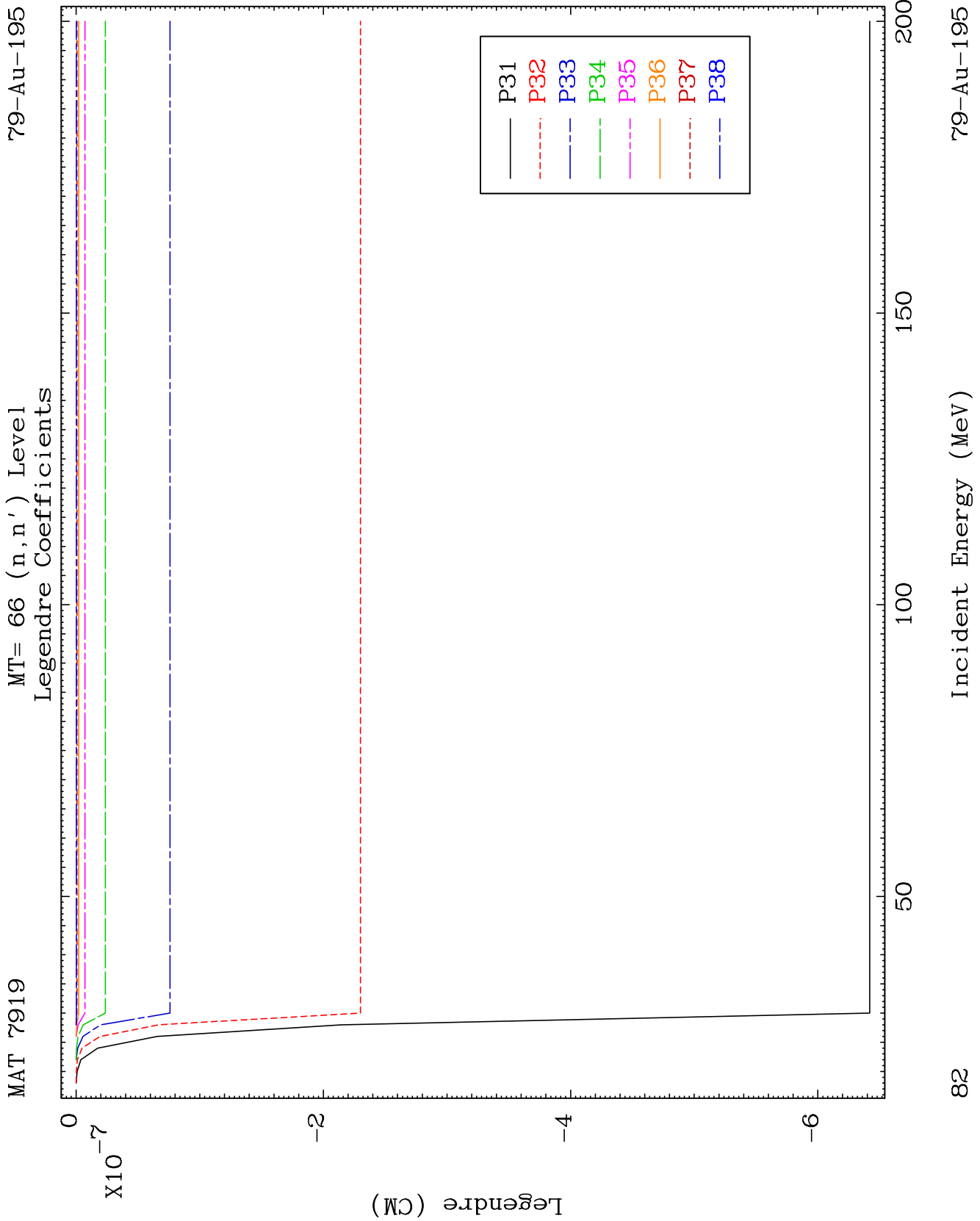
79-Au-195

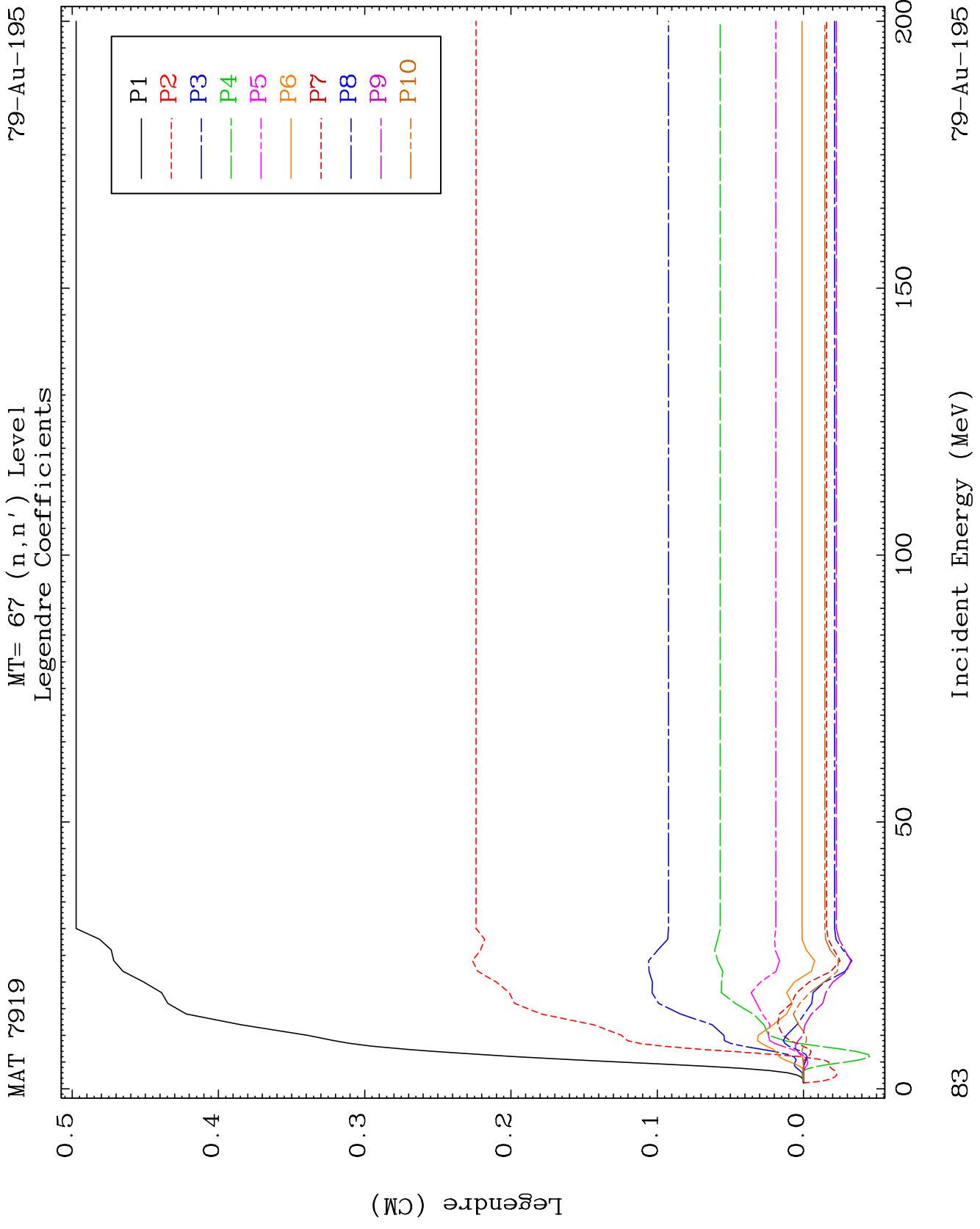


81

Incident Energy (MeV)

79-Au-195

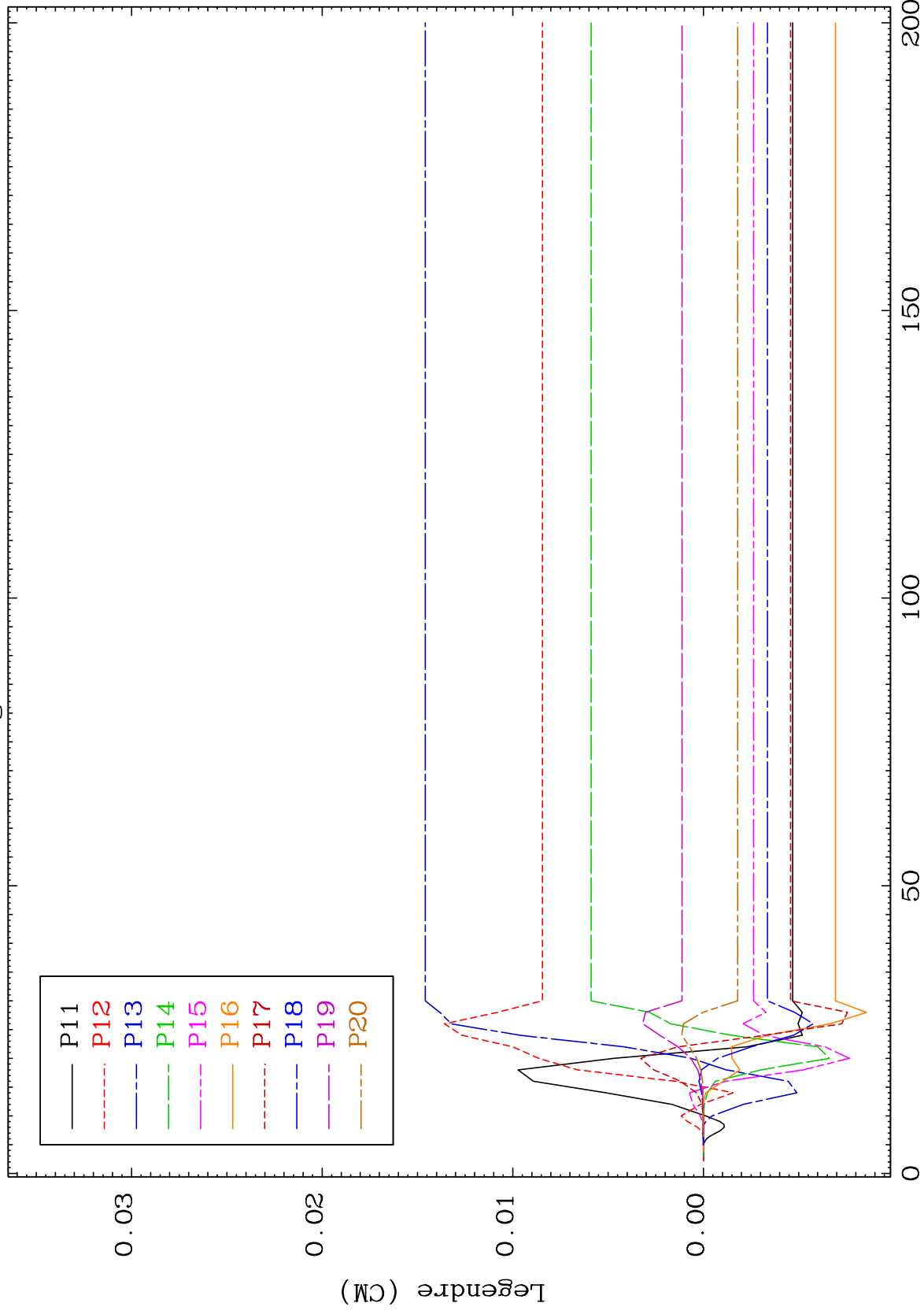




MAT 7919

79-Au-195

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



84

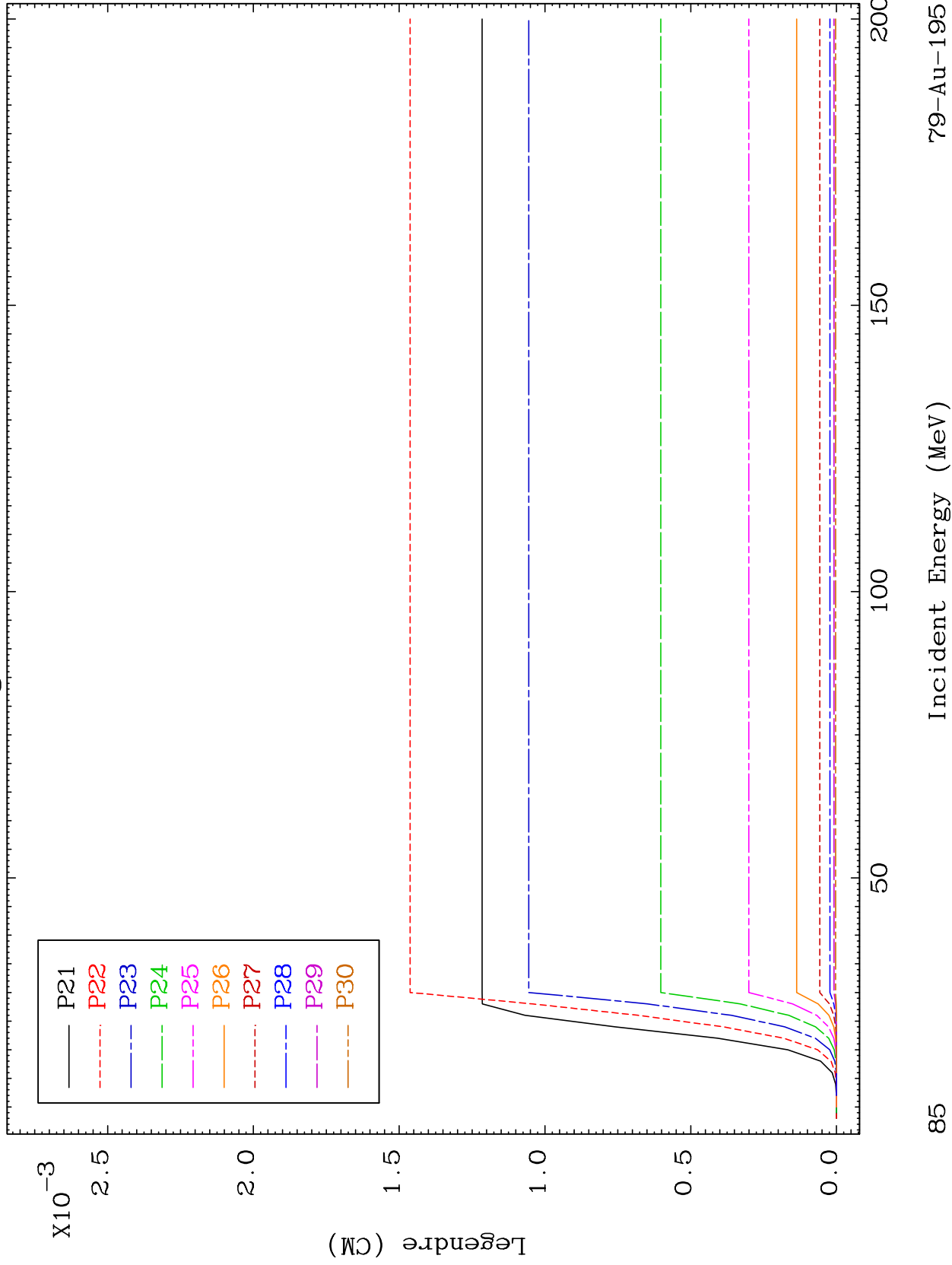
Incident Energy (MeV)

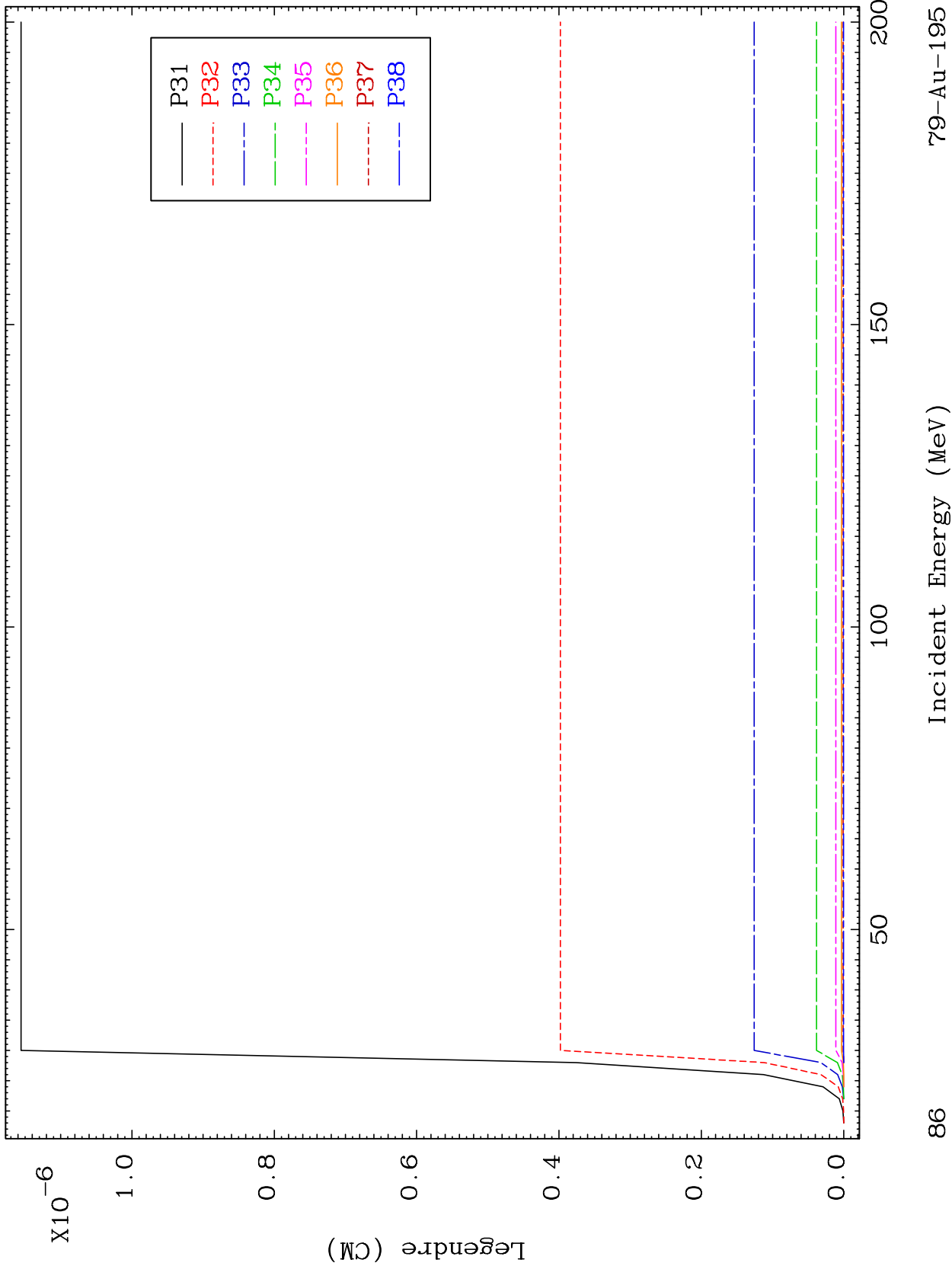
79-Au-195

MAT 7919

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

79-Au-195

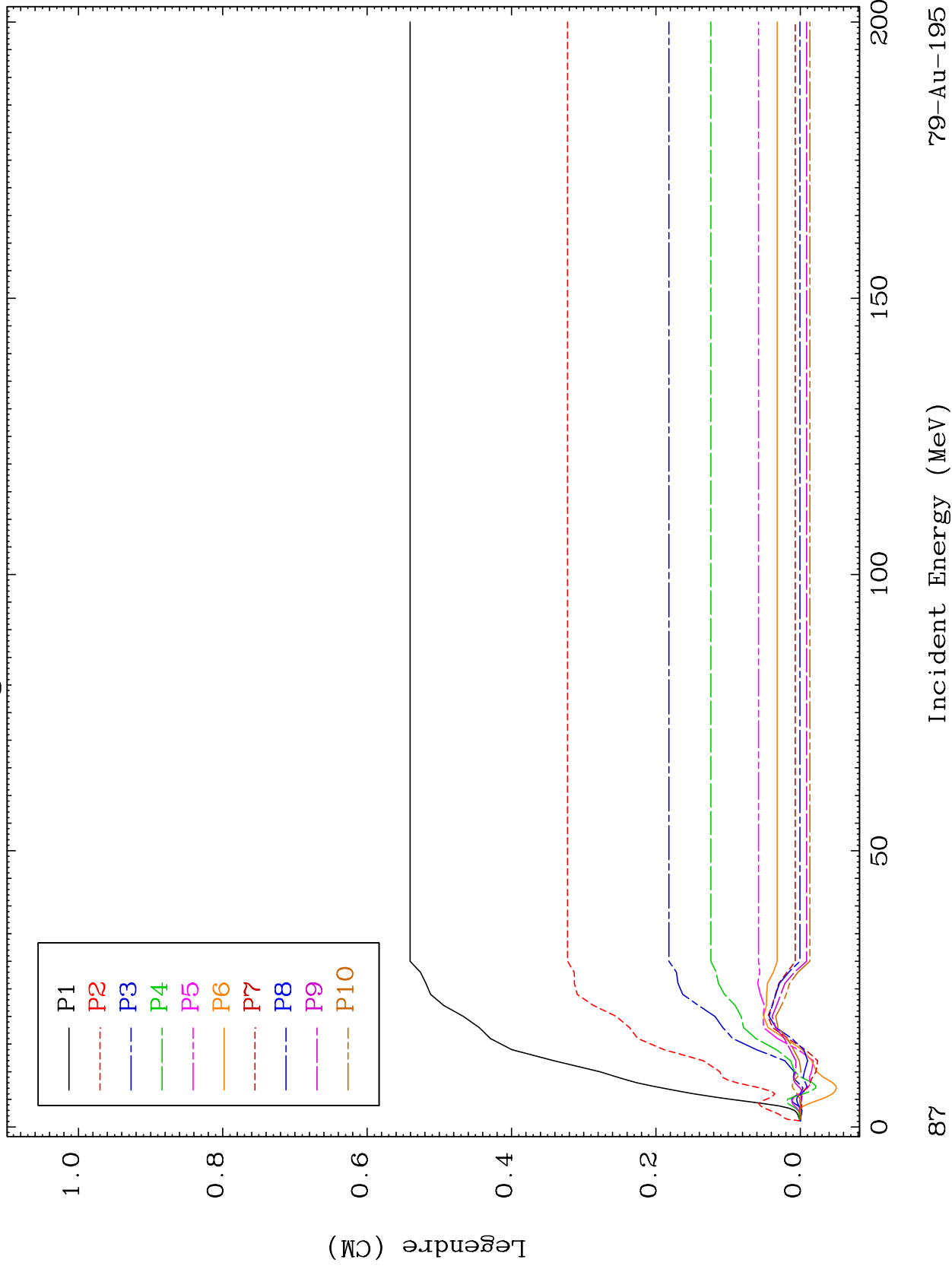




MAT 7919

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

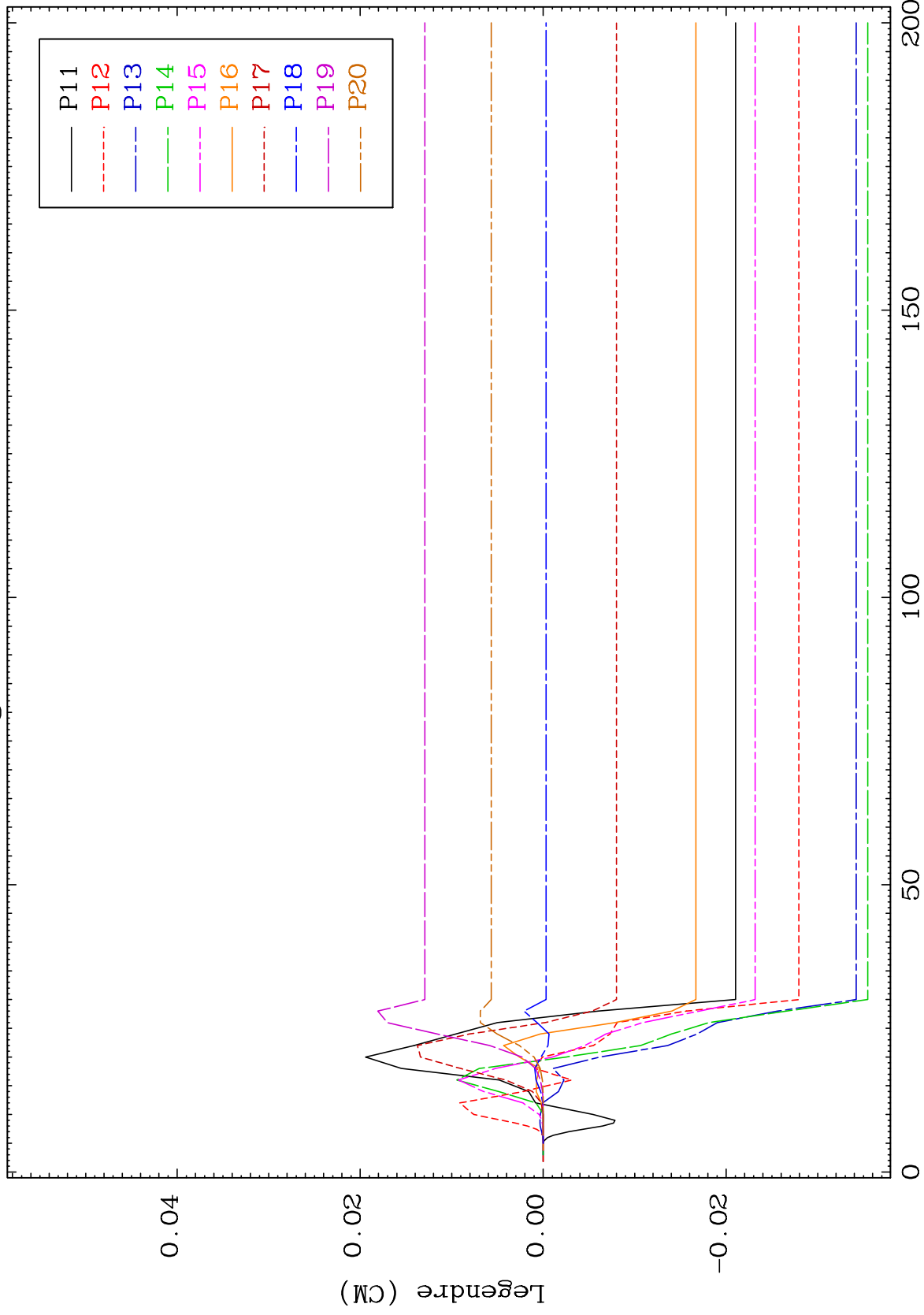
79-Au-195



MAT 7919

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

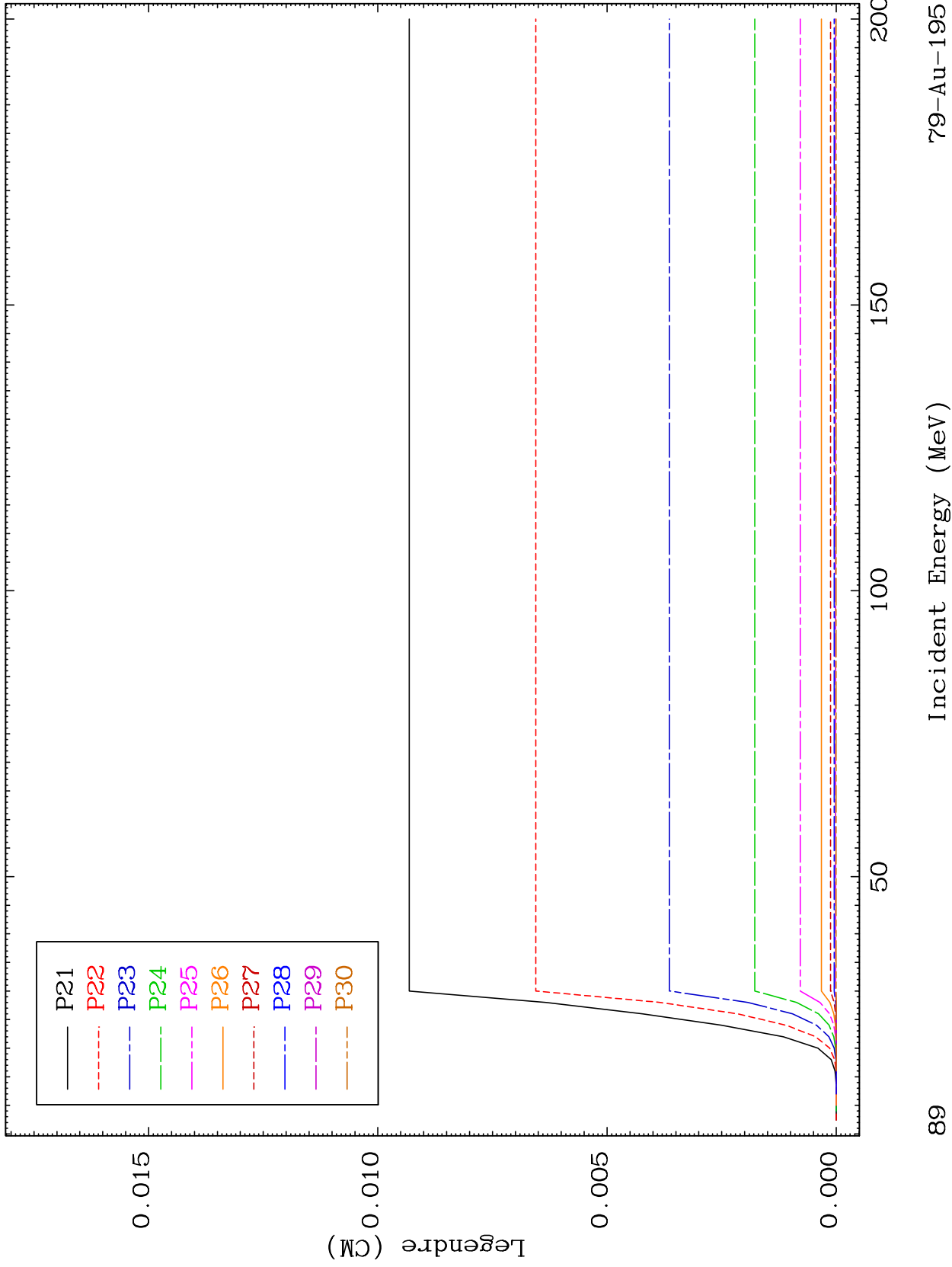
79-Au-195



88

Incident Energy (MeV)

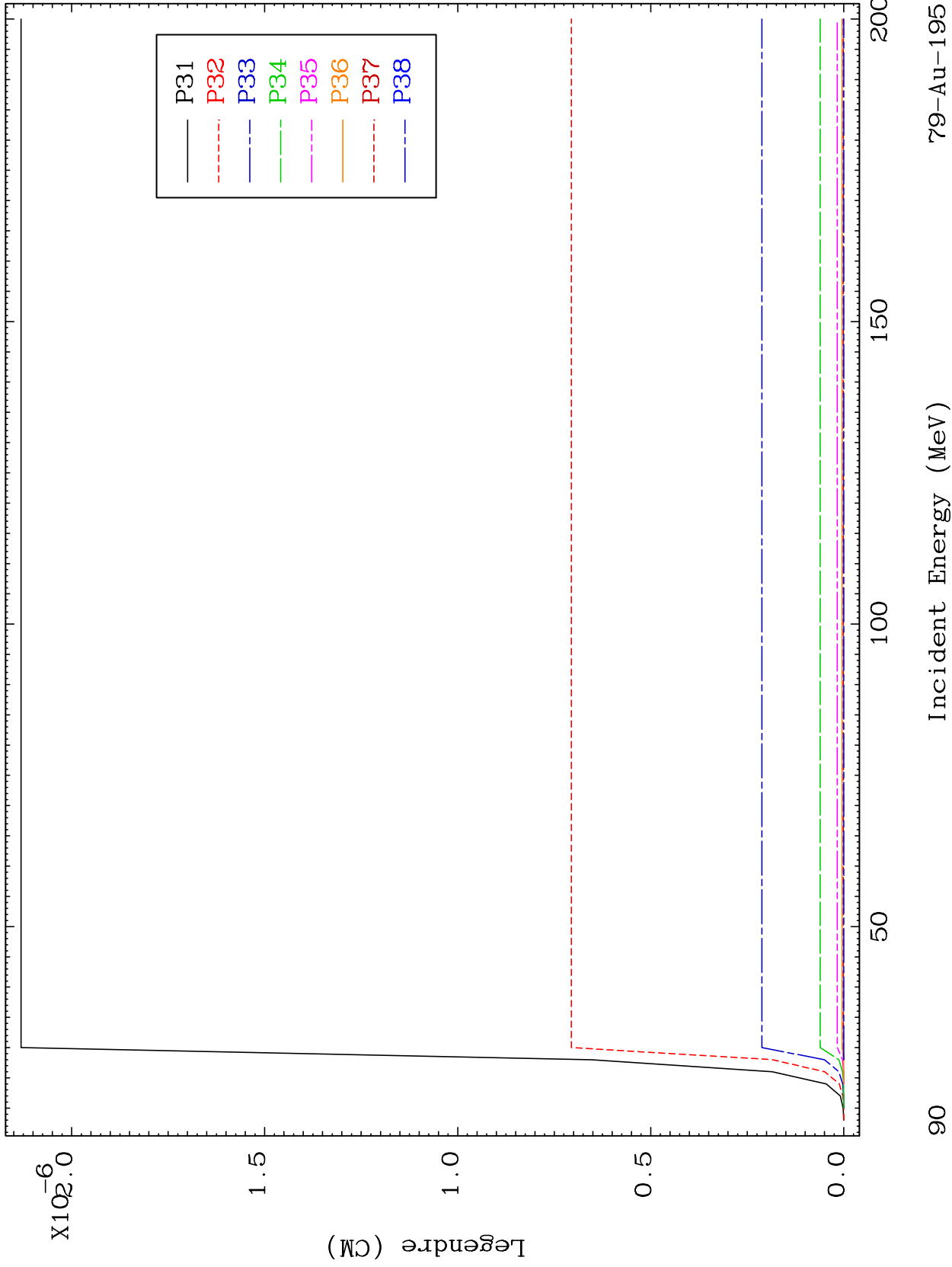
79-Au-195



MAT 7919

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

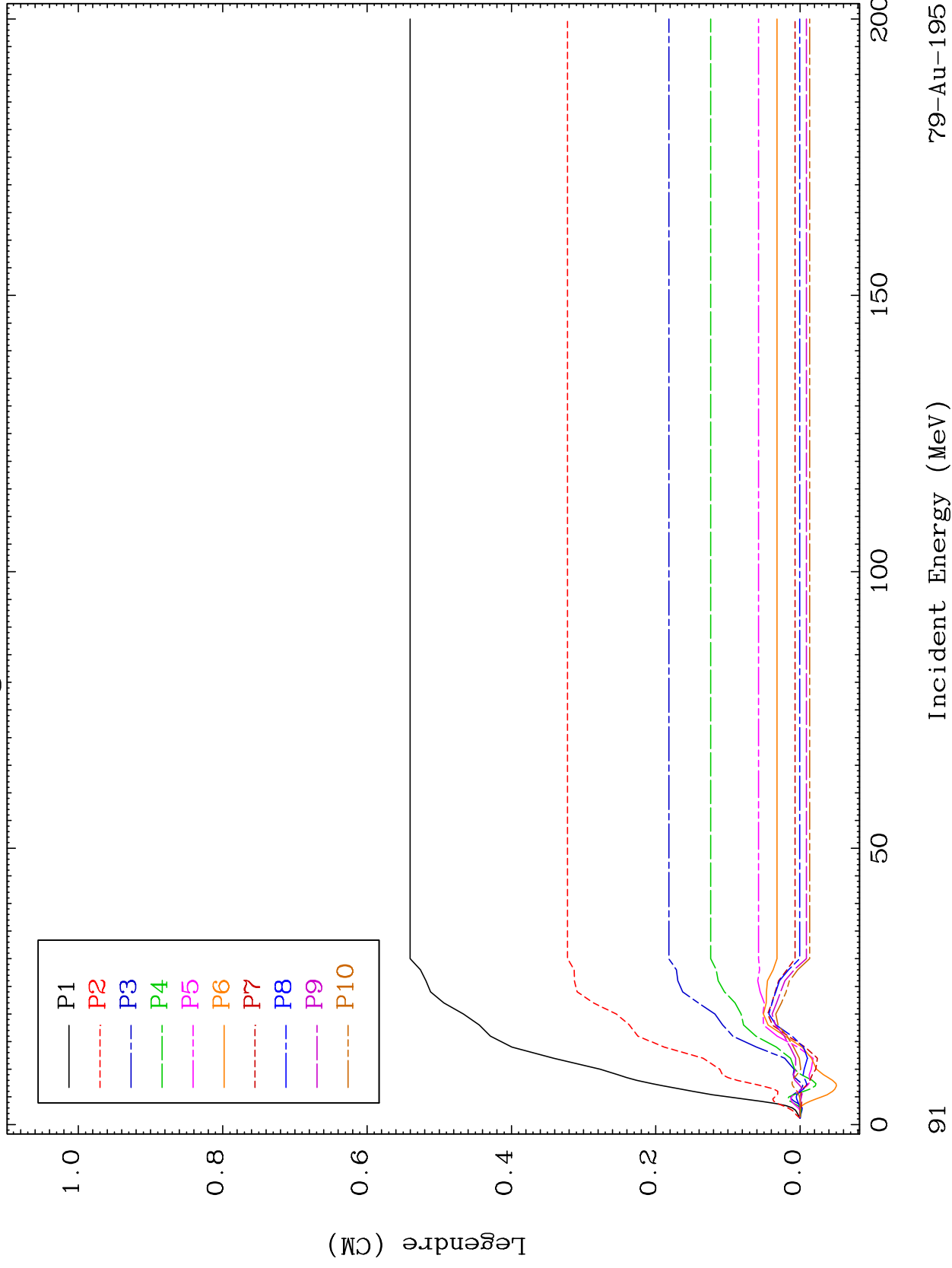
79-Au-195



MAT 7919

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

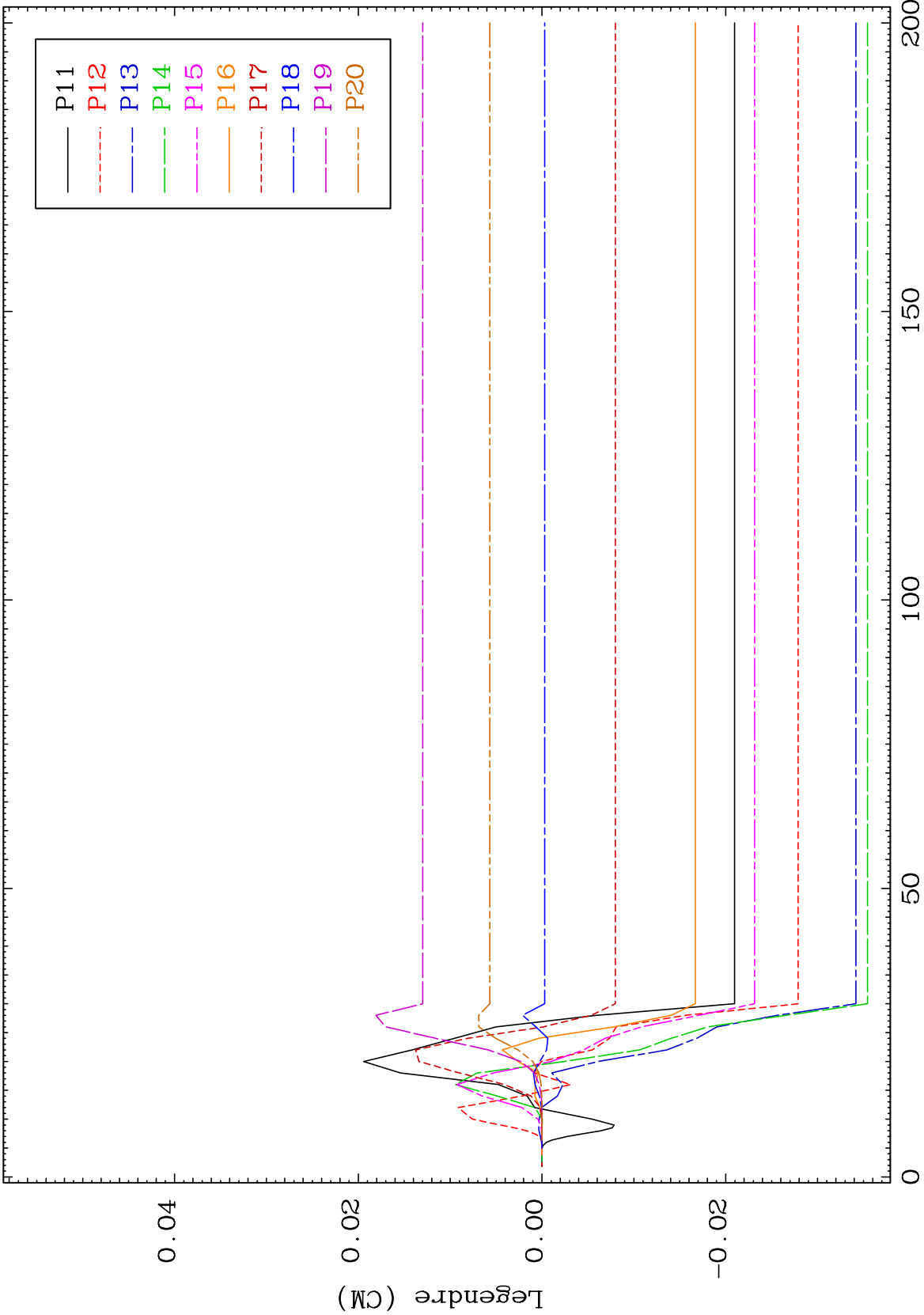
79-Au-195



MAT 7919

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

79-Au-195



92

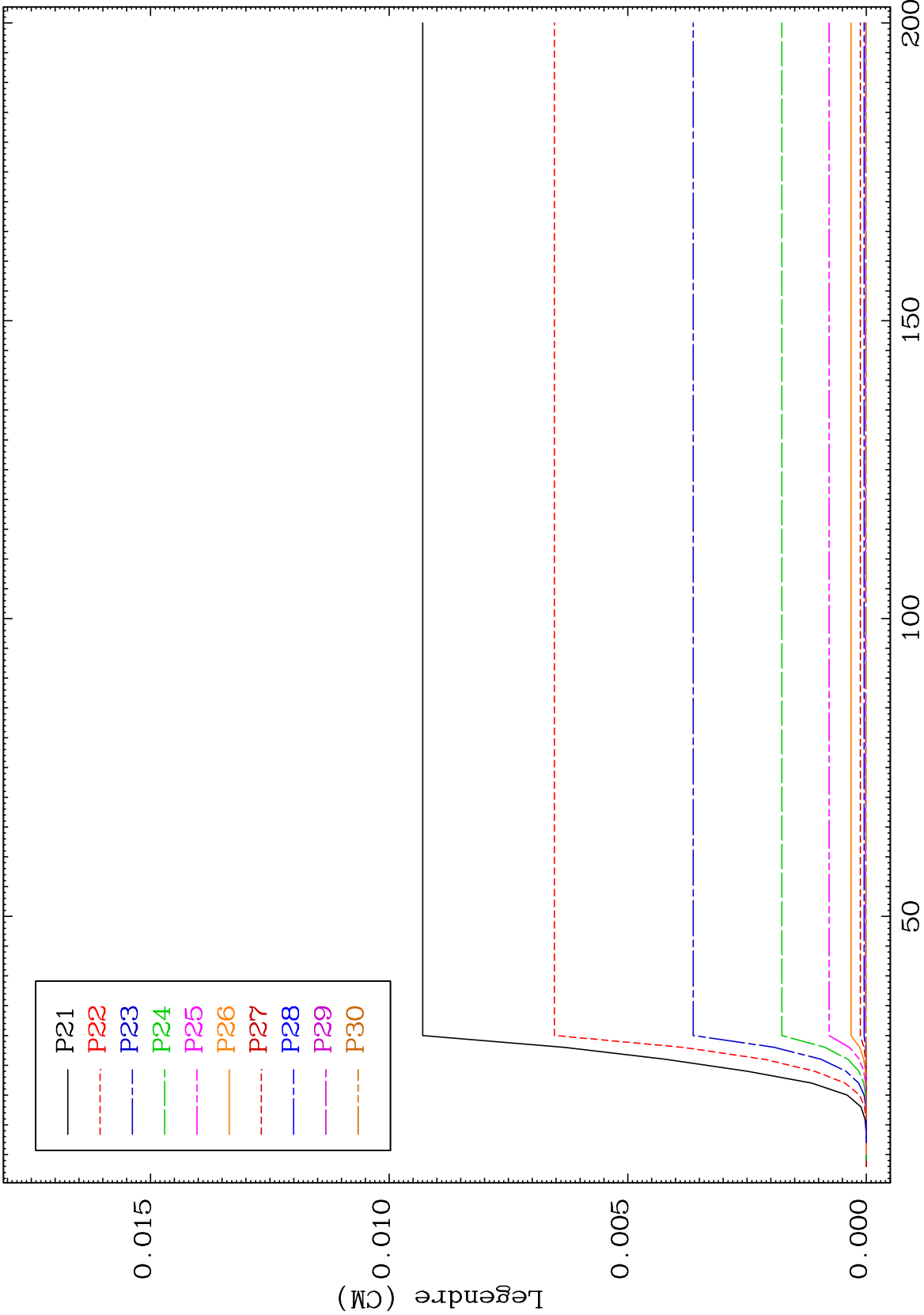
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



93

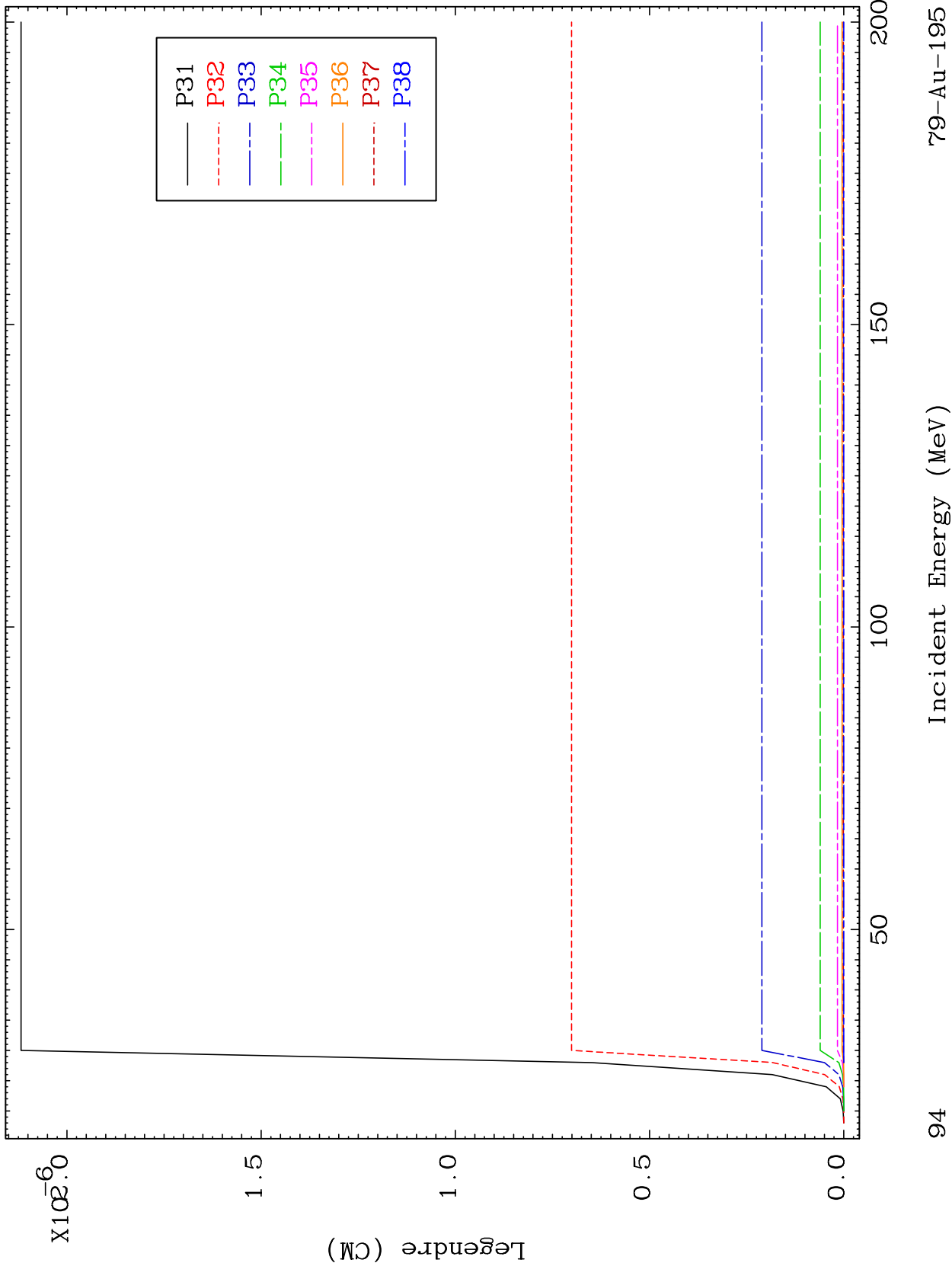
Incident Energy (MeV)

79-Au-195

MAT 7919

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

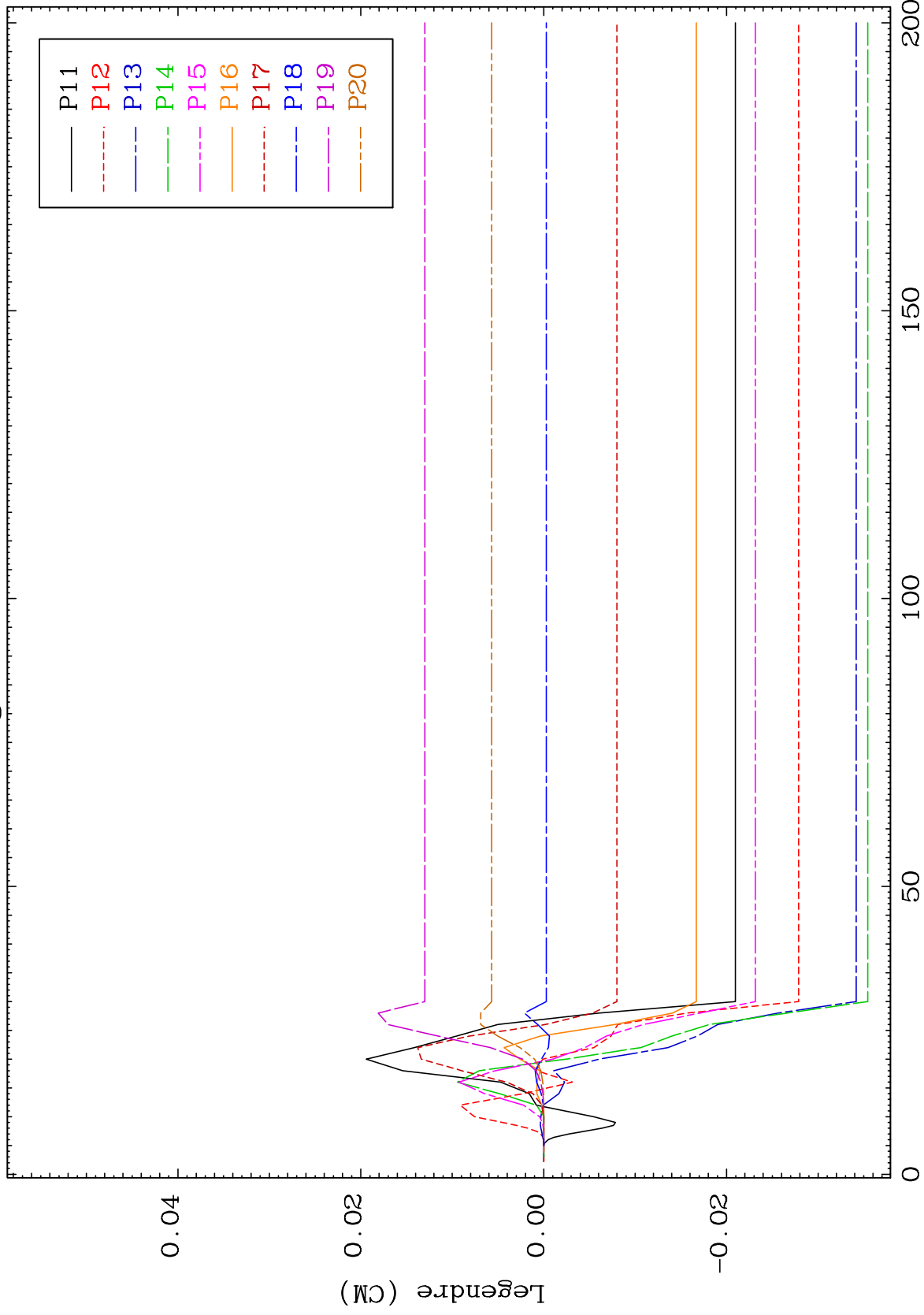
79-Au-195



MAT 7919

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

79-Au-195



96

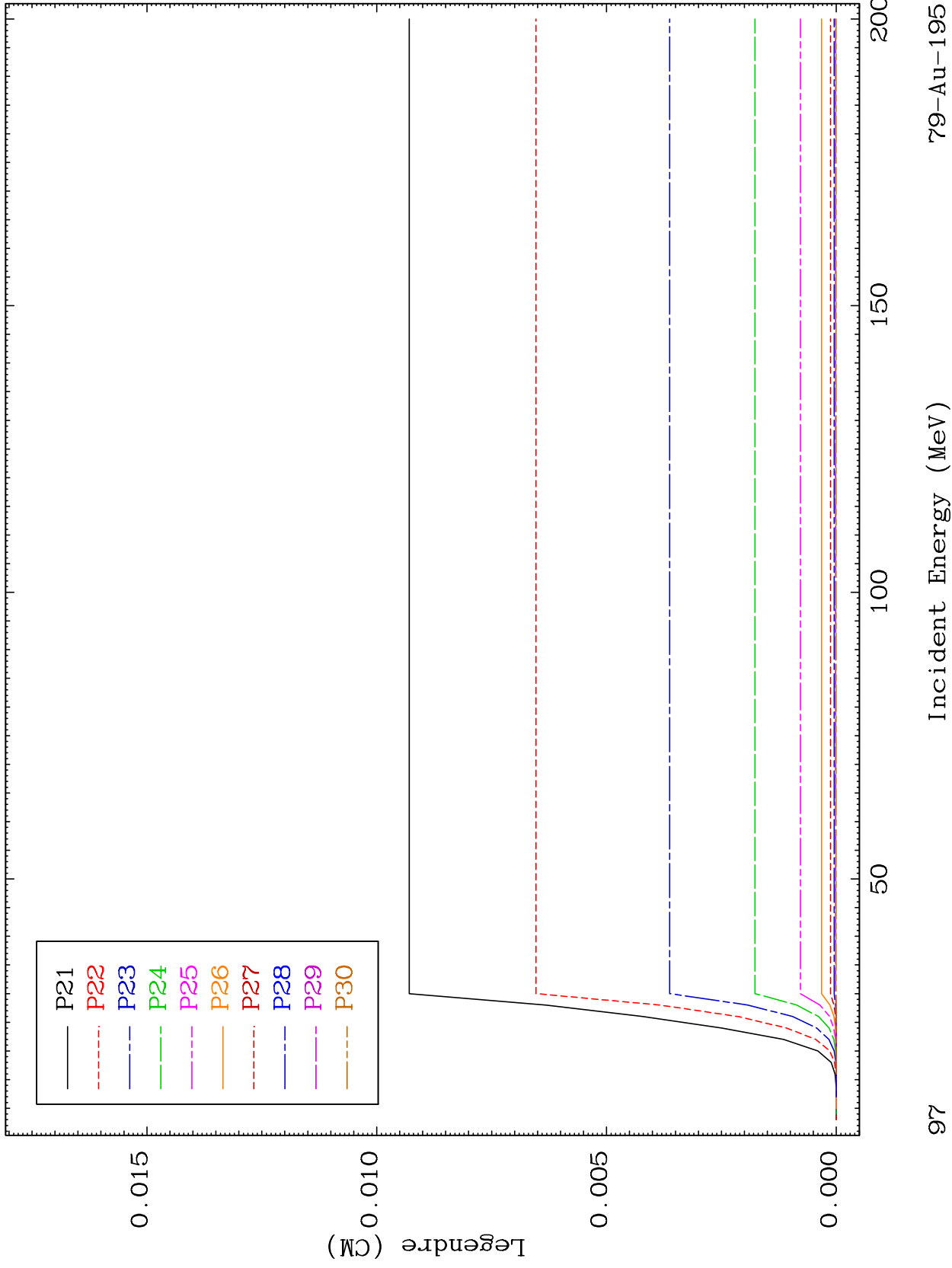
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



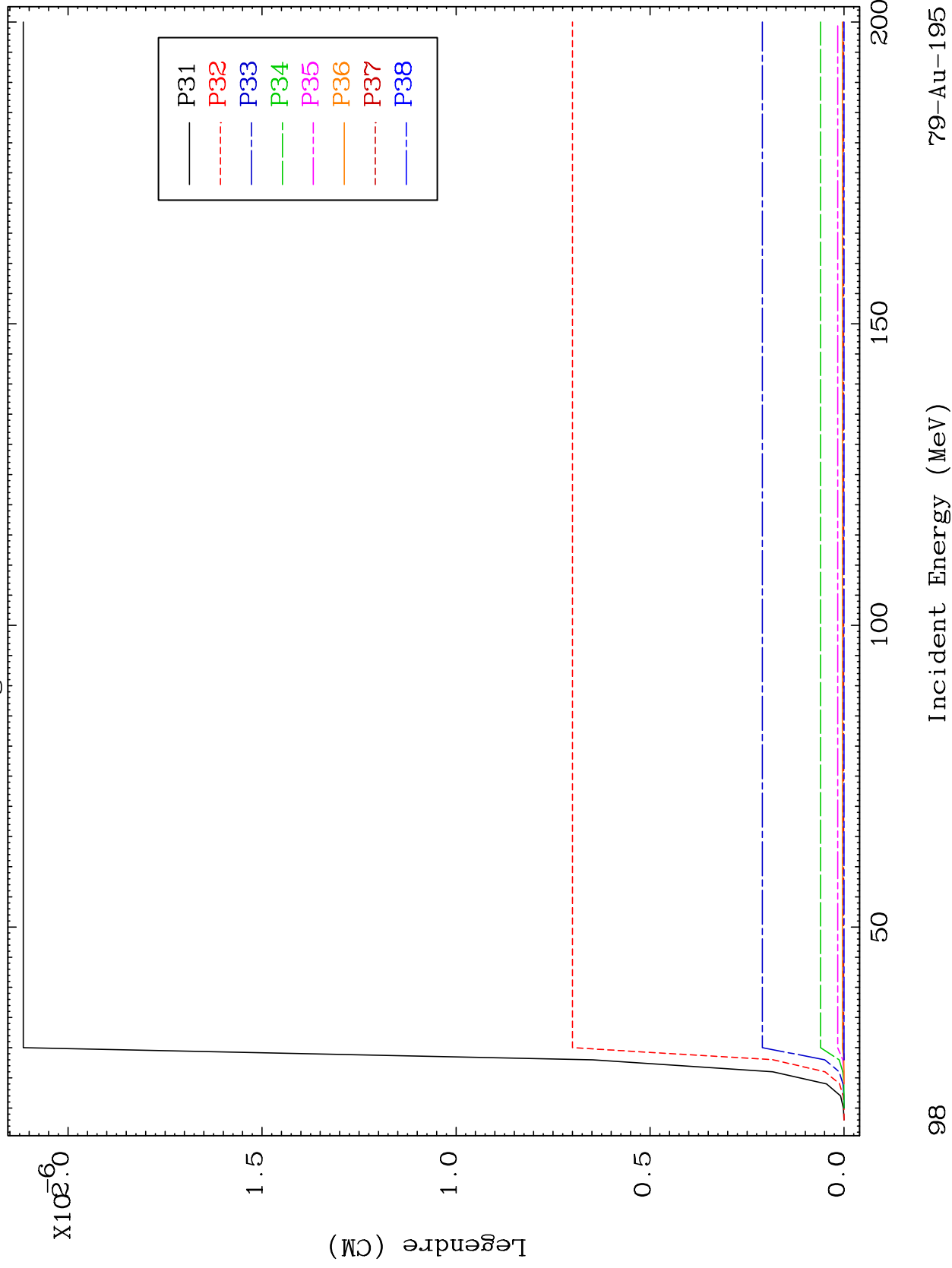
97

79-Au-195

MAT 7919

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

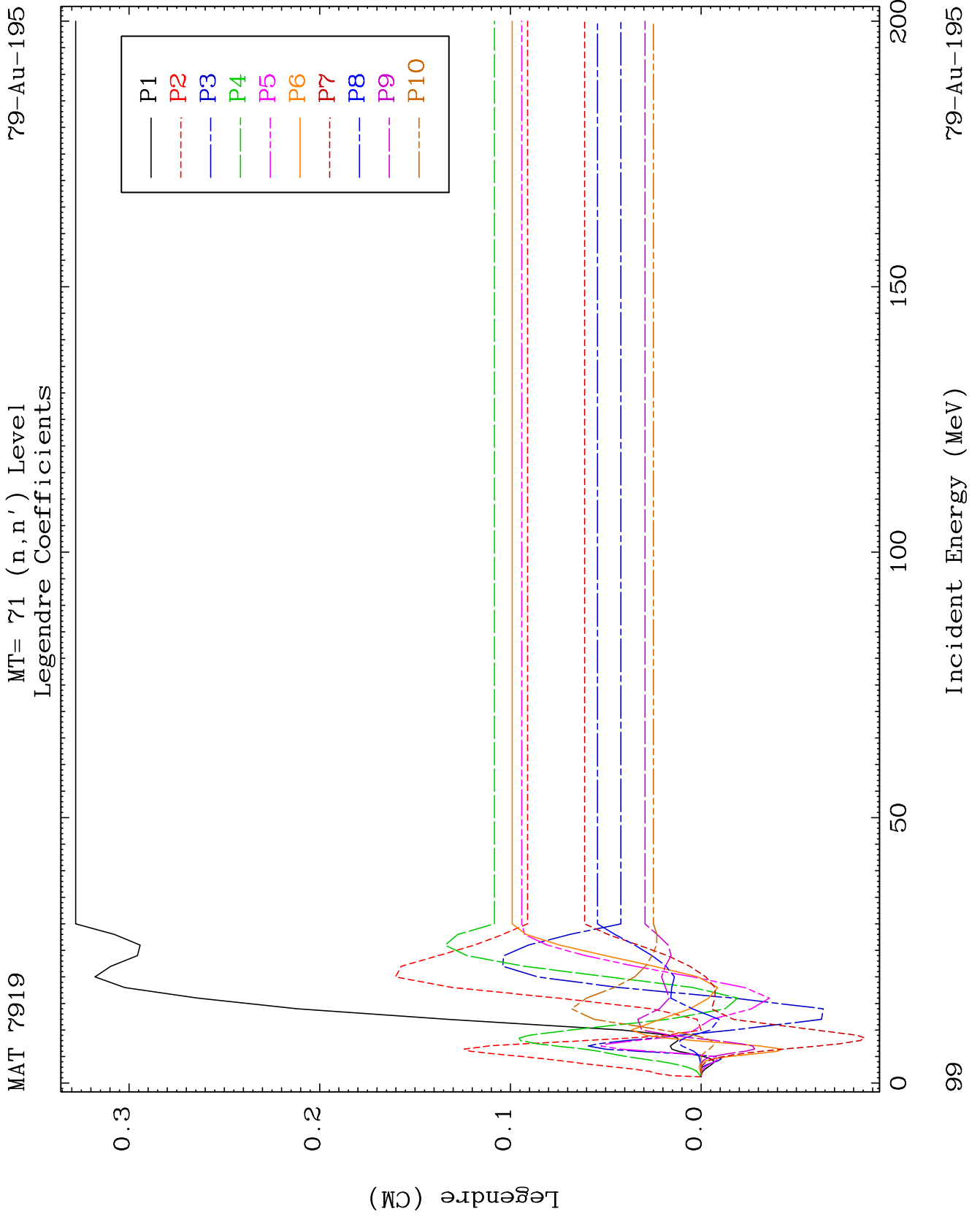
79-Au-195

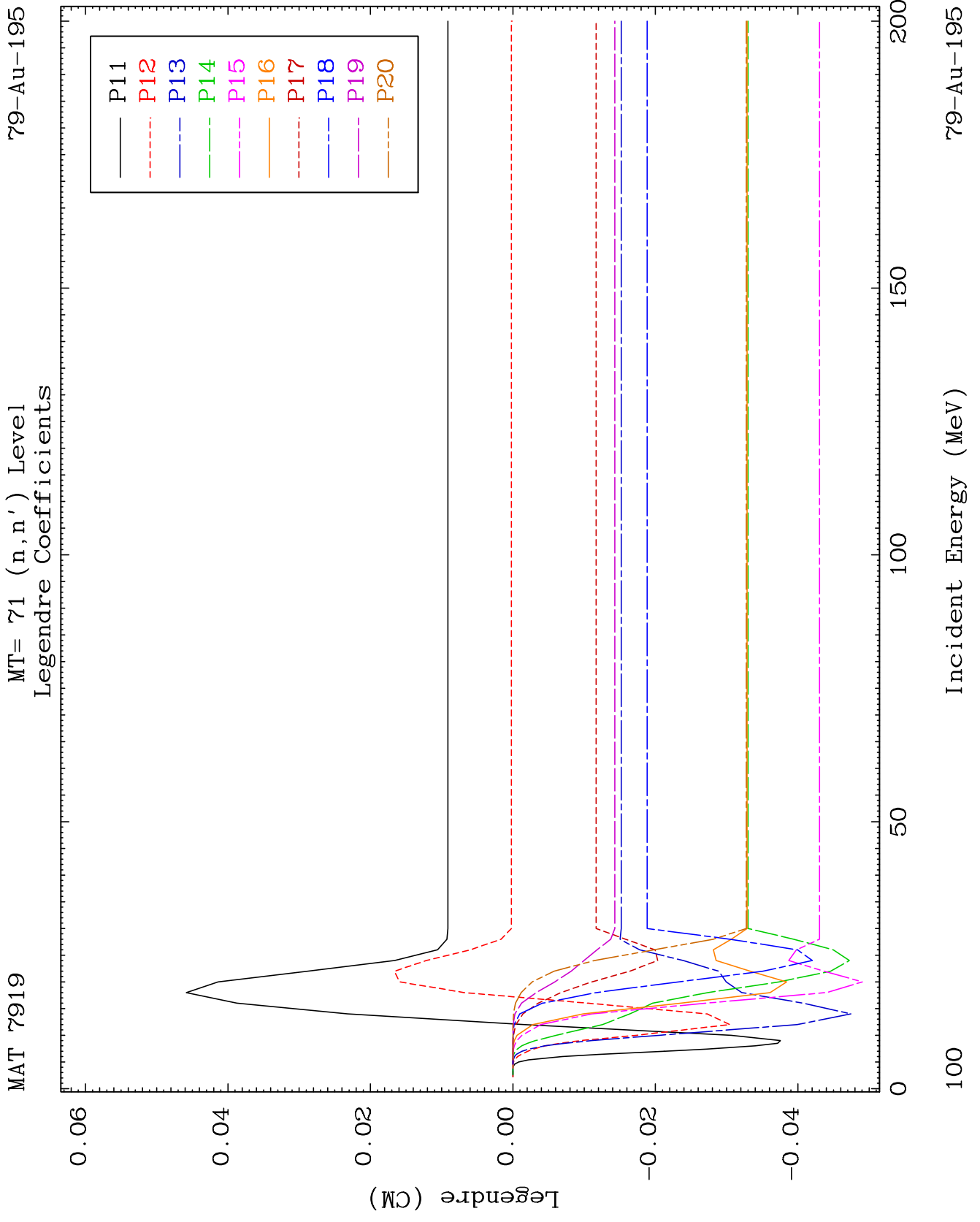


98

Incident Energy (MeV)

79-Au-195

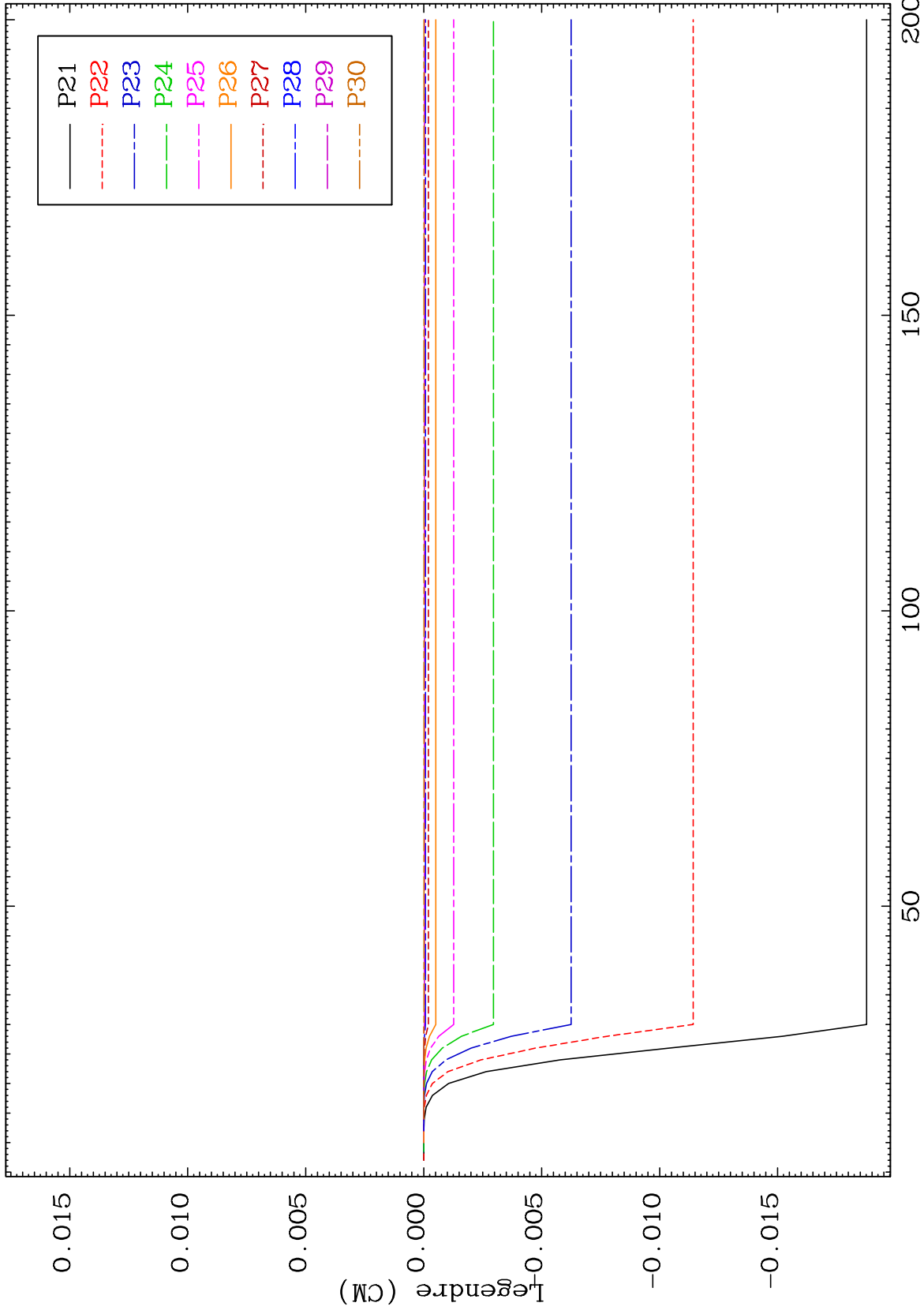




MAT 7919

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

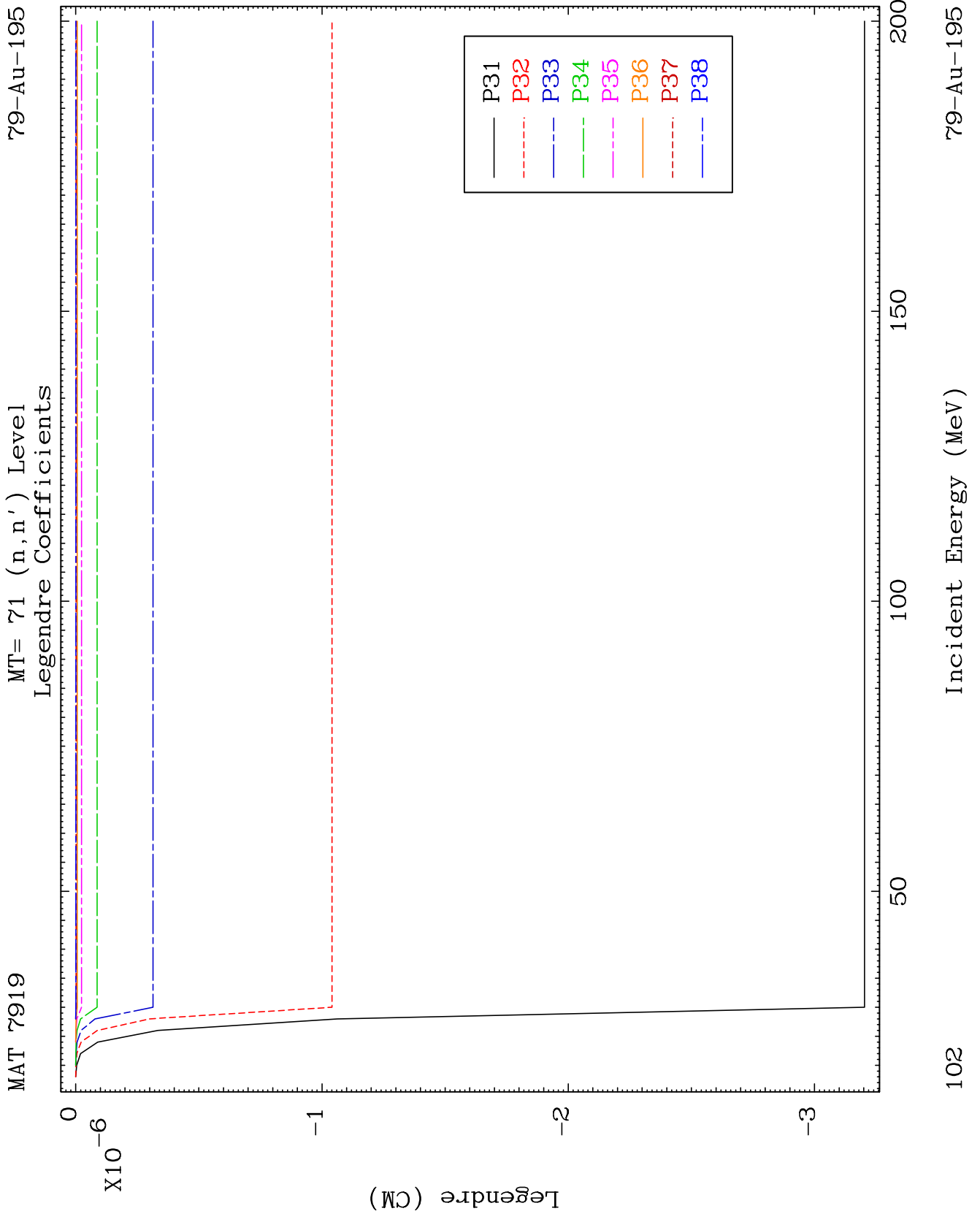
79-Au-195



101

Incident Energy (MeV)

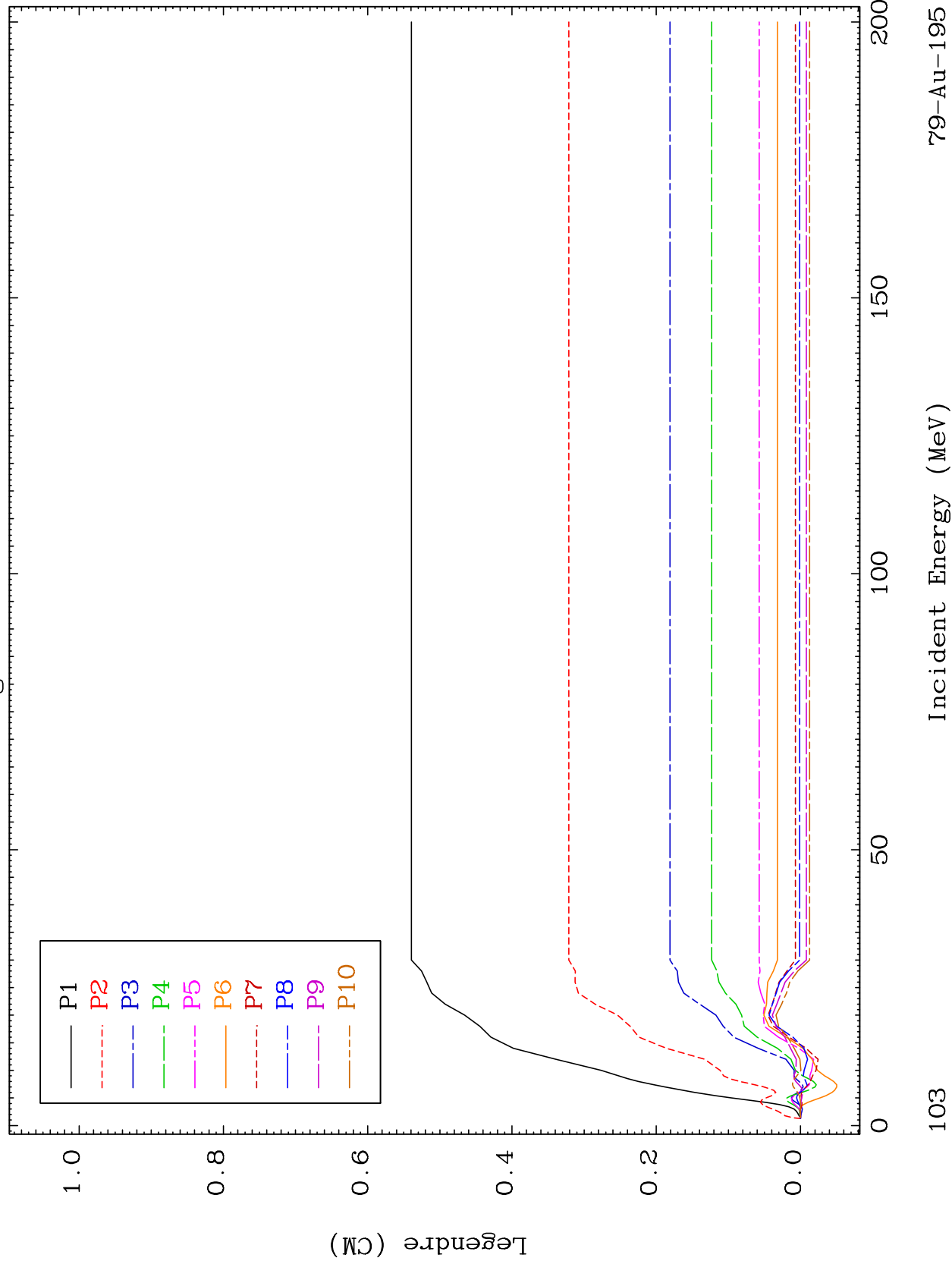
79-Au-195



MAT 7919

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

79-Au-195

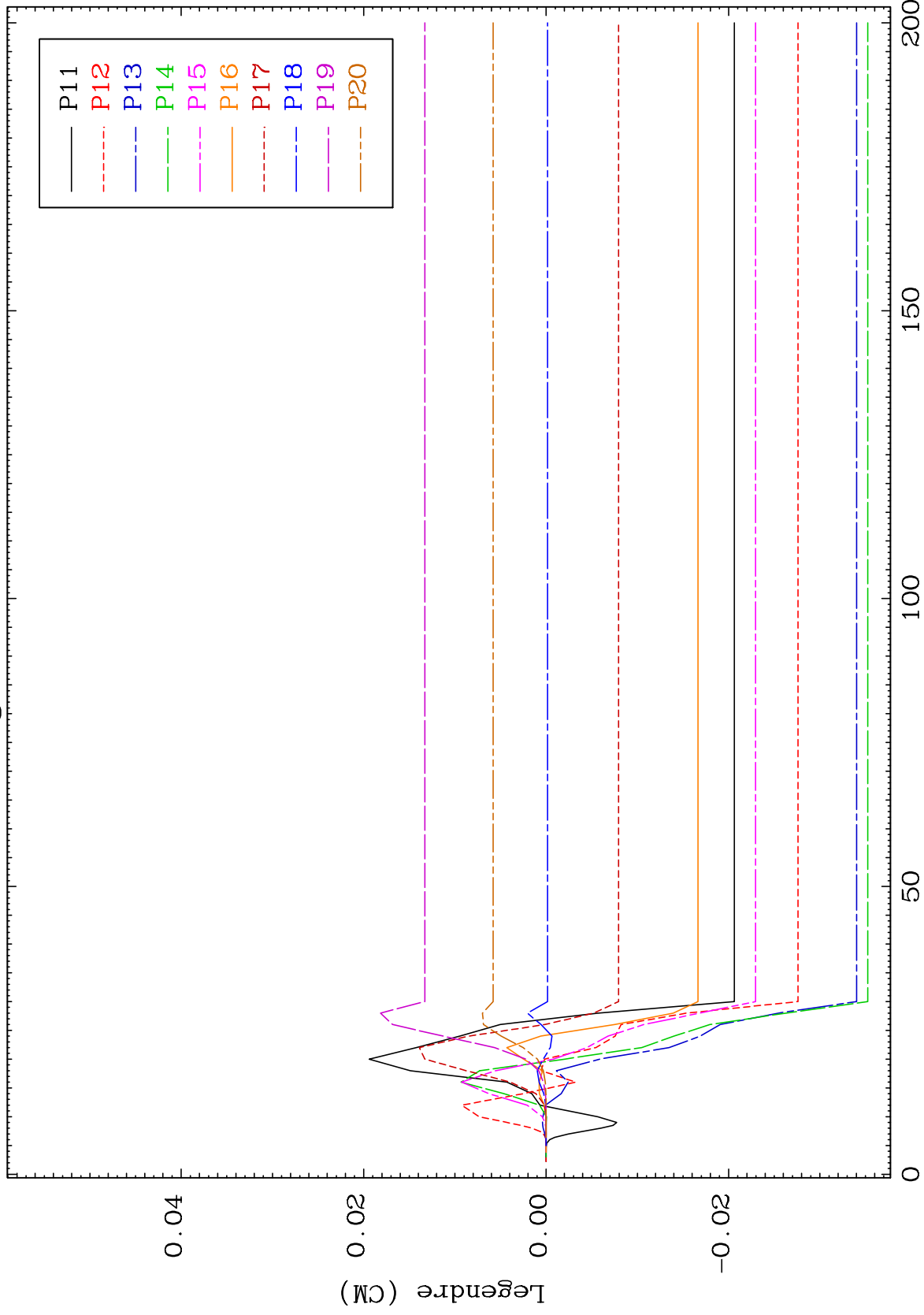


103

MAT 7919

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

79-Au-195



104

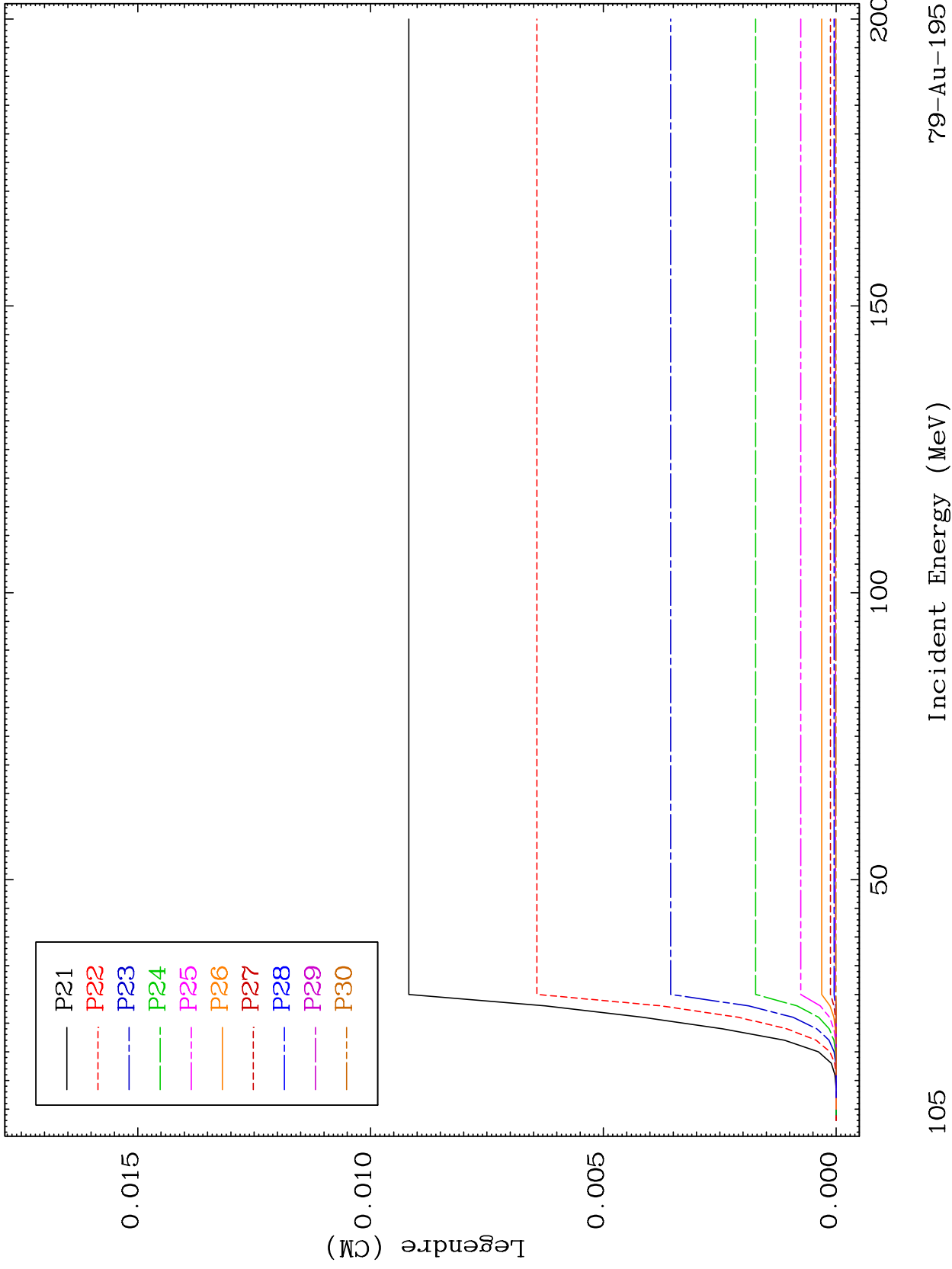
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



105

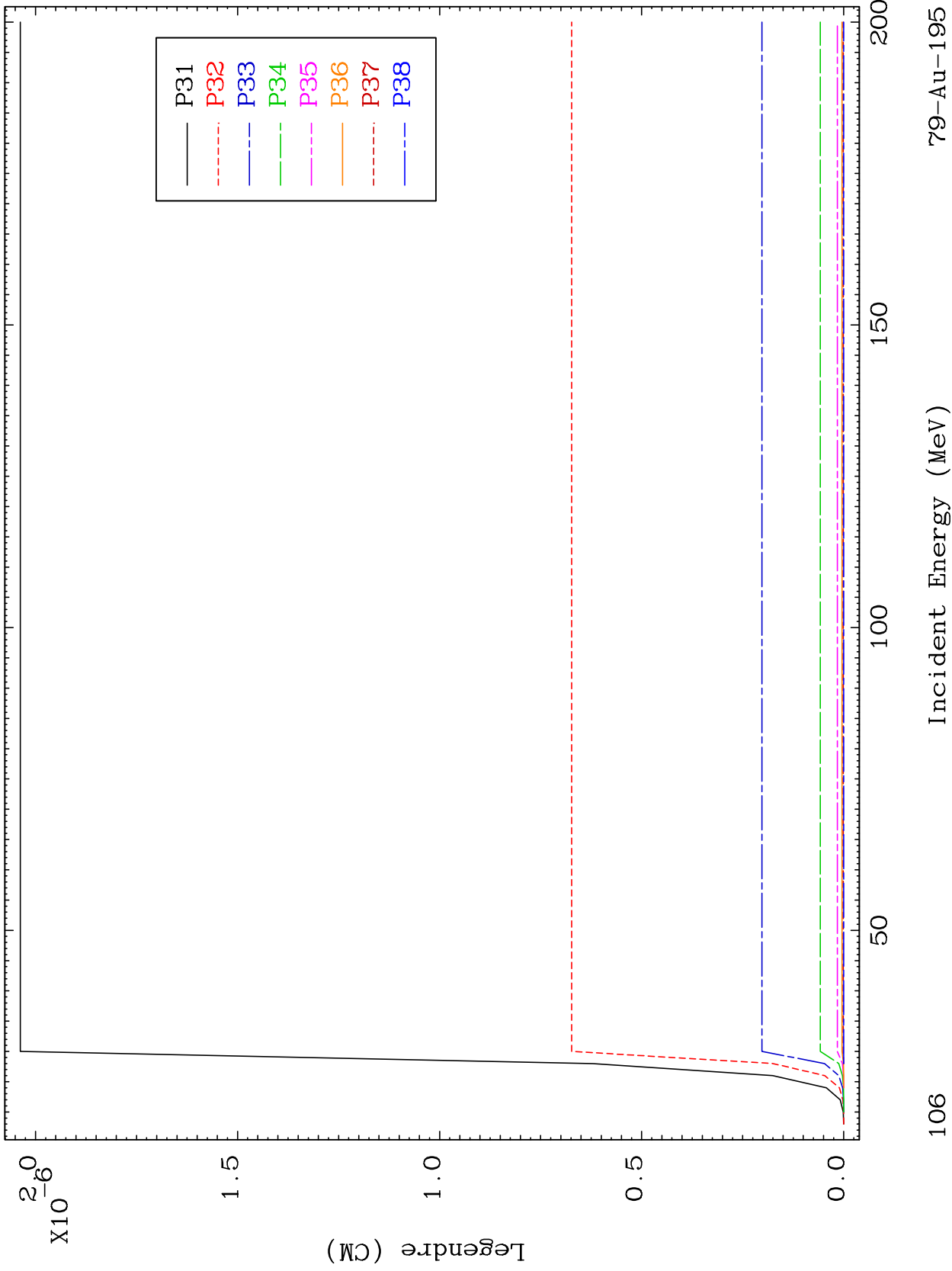
Incident Energy (MeV)

79-Au-195

MAT 7919

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

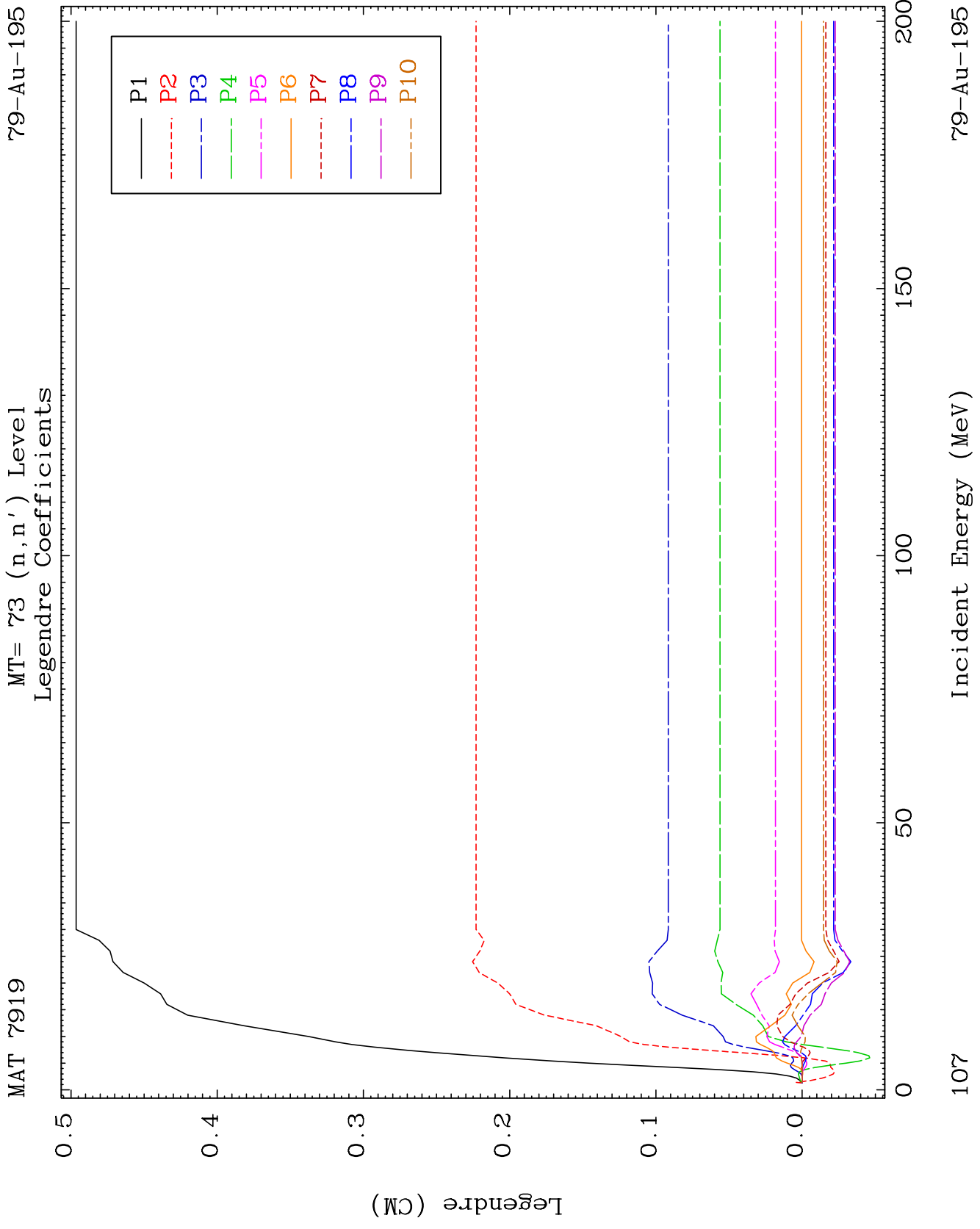
79-Au-195



106

Incident Energy (MeV)

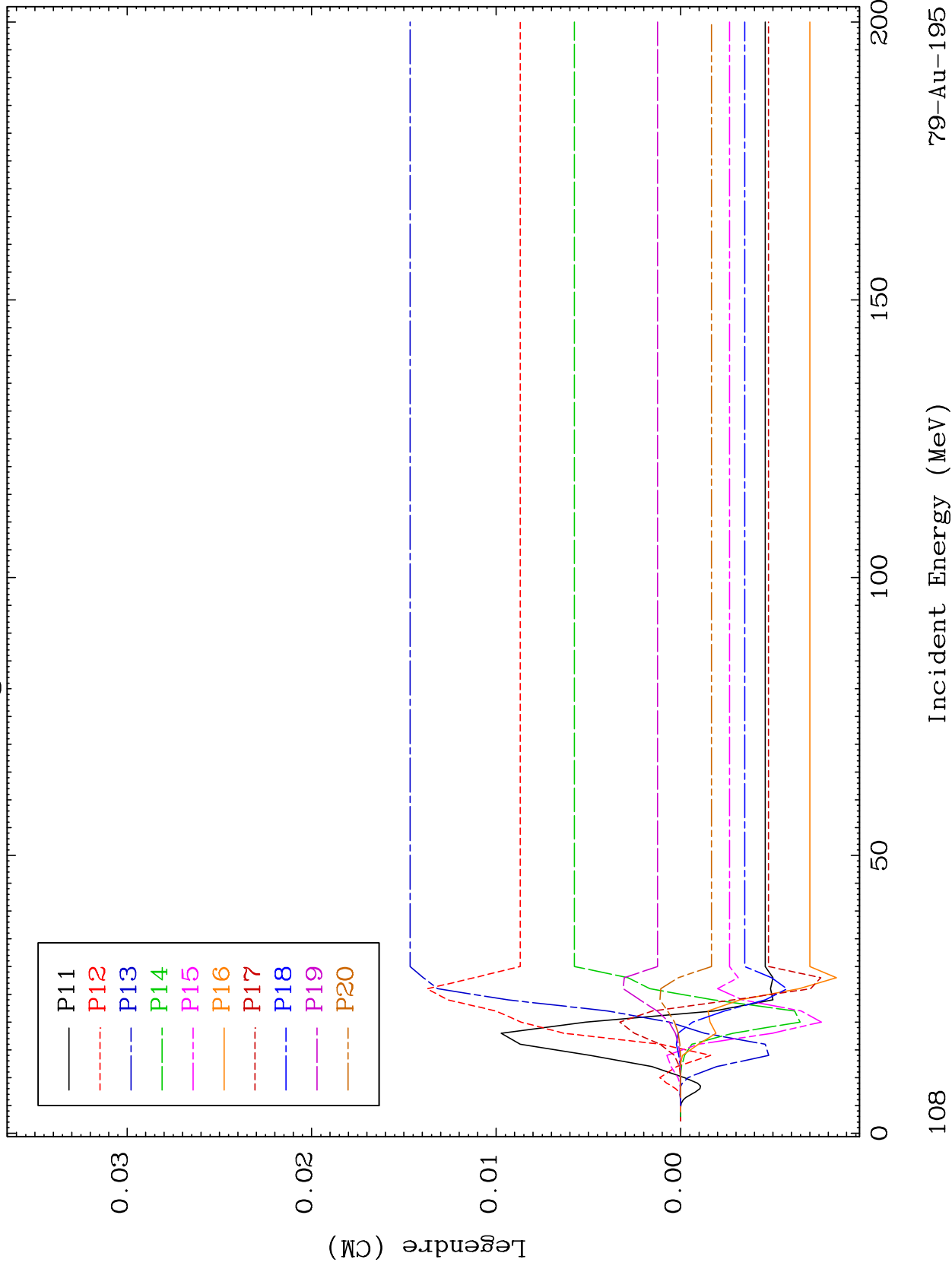
79-Au-195



MAT 7919

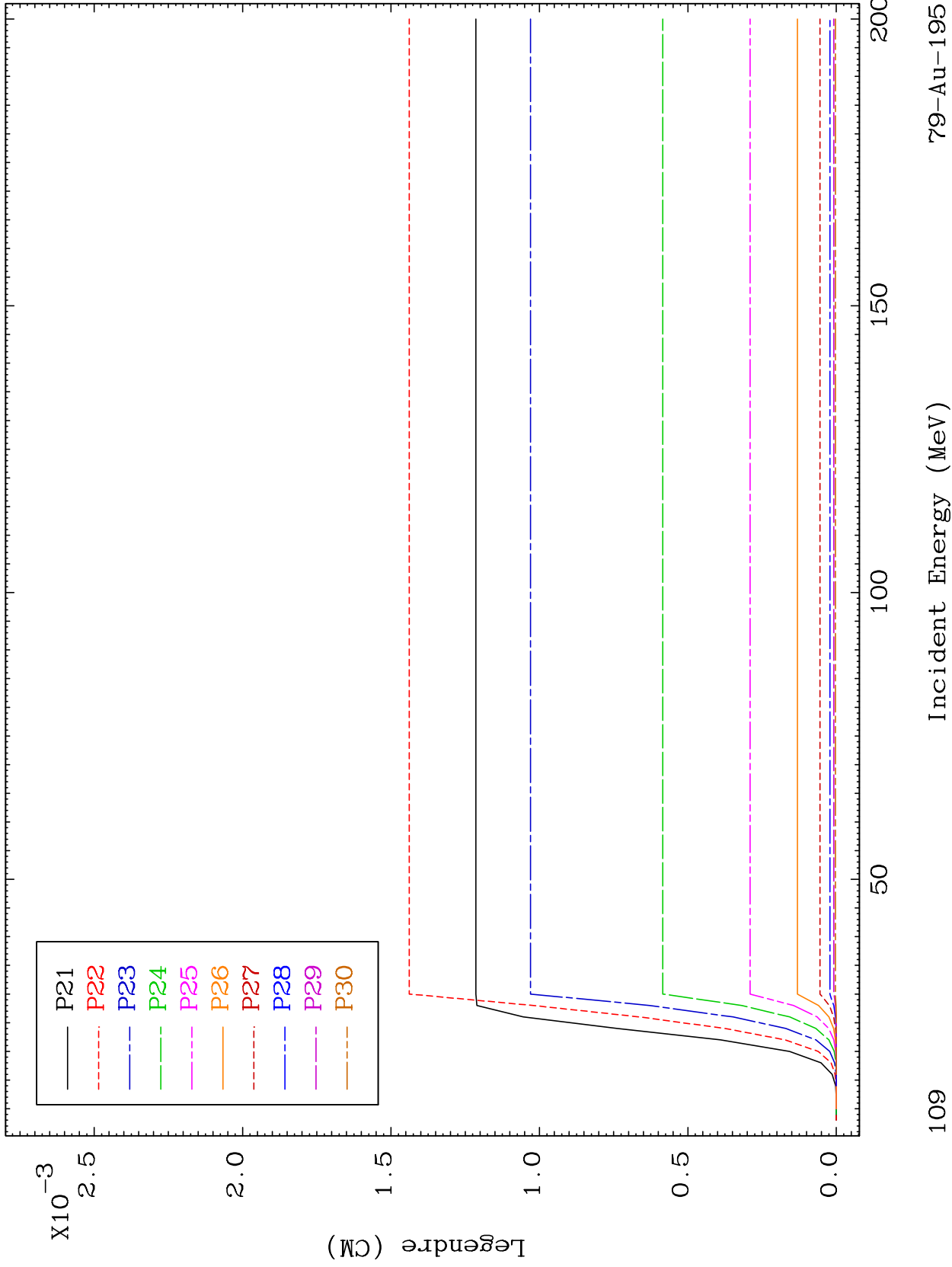
MT= 73 (n,n') Level
Legendre Coefficients

79-Au-195



108

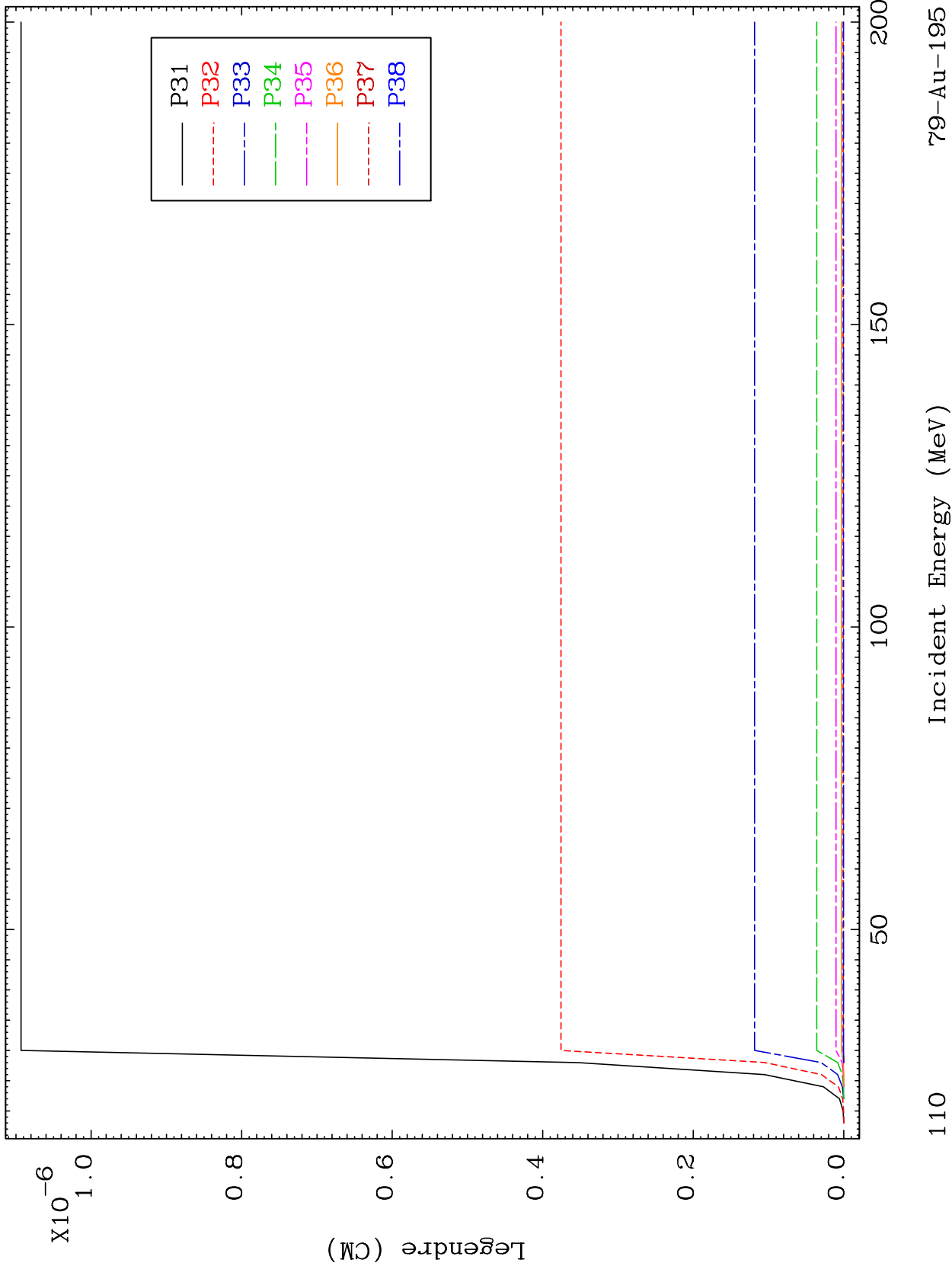
79-Au-195



MAT 7919

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

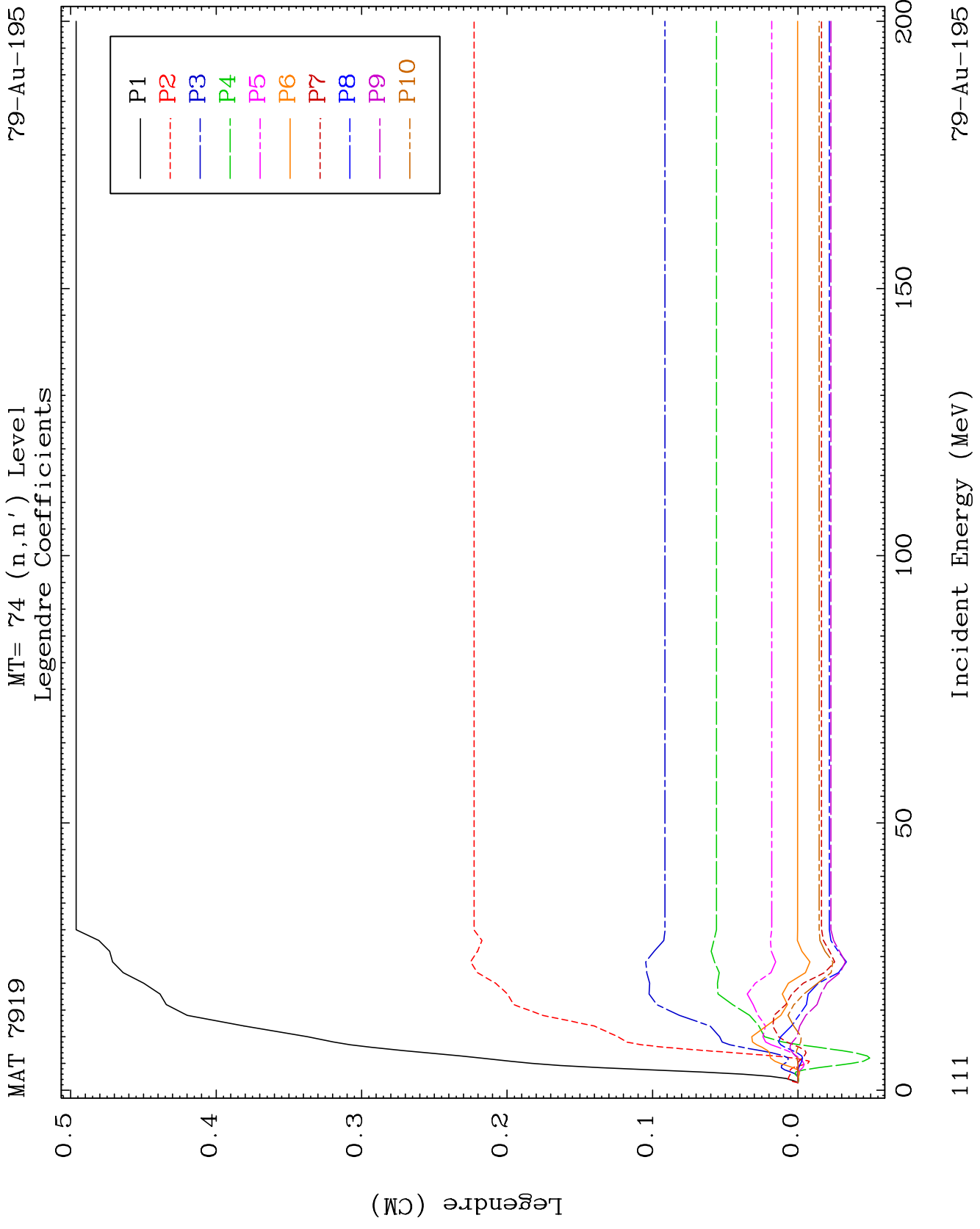
79-Au-195



110

Incident Energy (MeV)

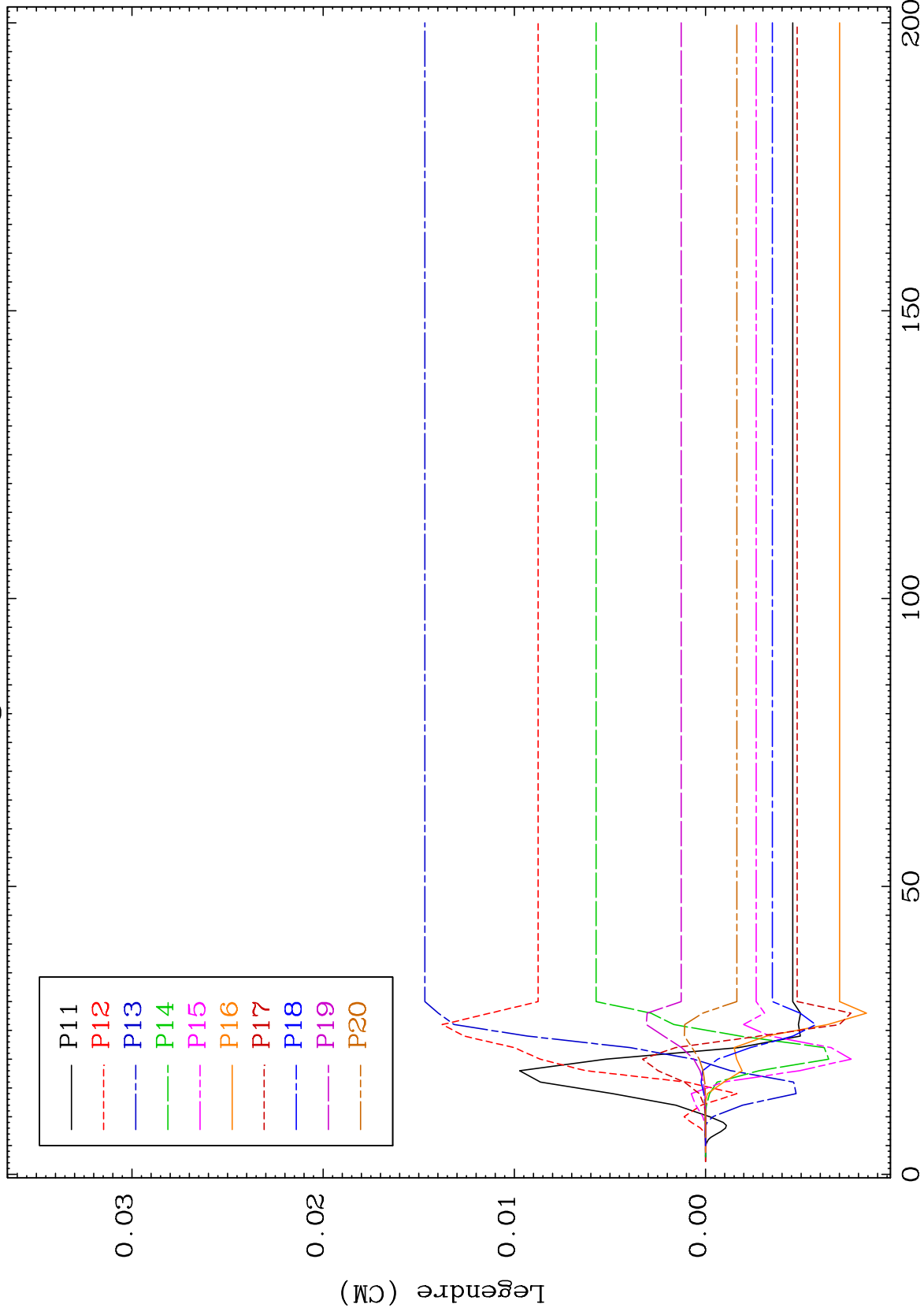
79-Au-195



MAT 7919

79-Au-195

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



79-Au-195

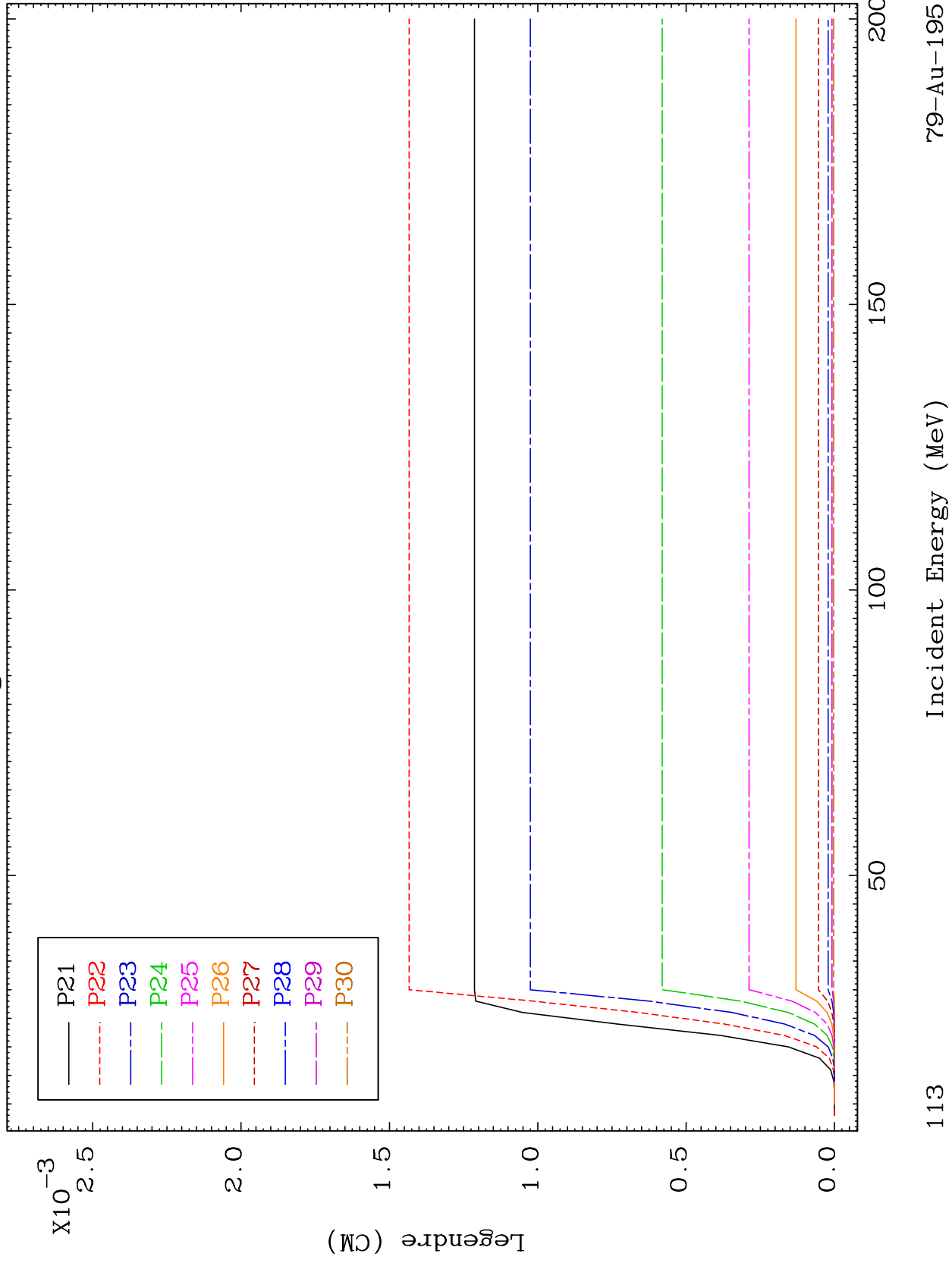
Incident Energy (MeV)

112

MAT 7919

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

79-Au-195



113

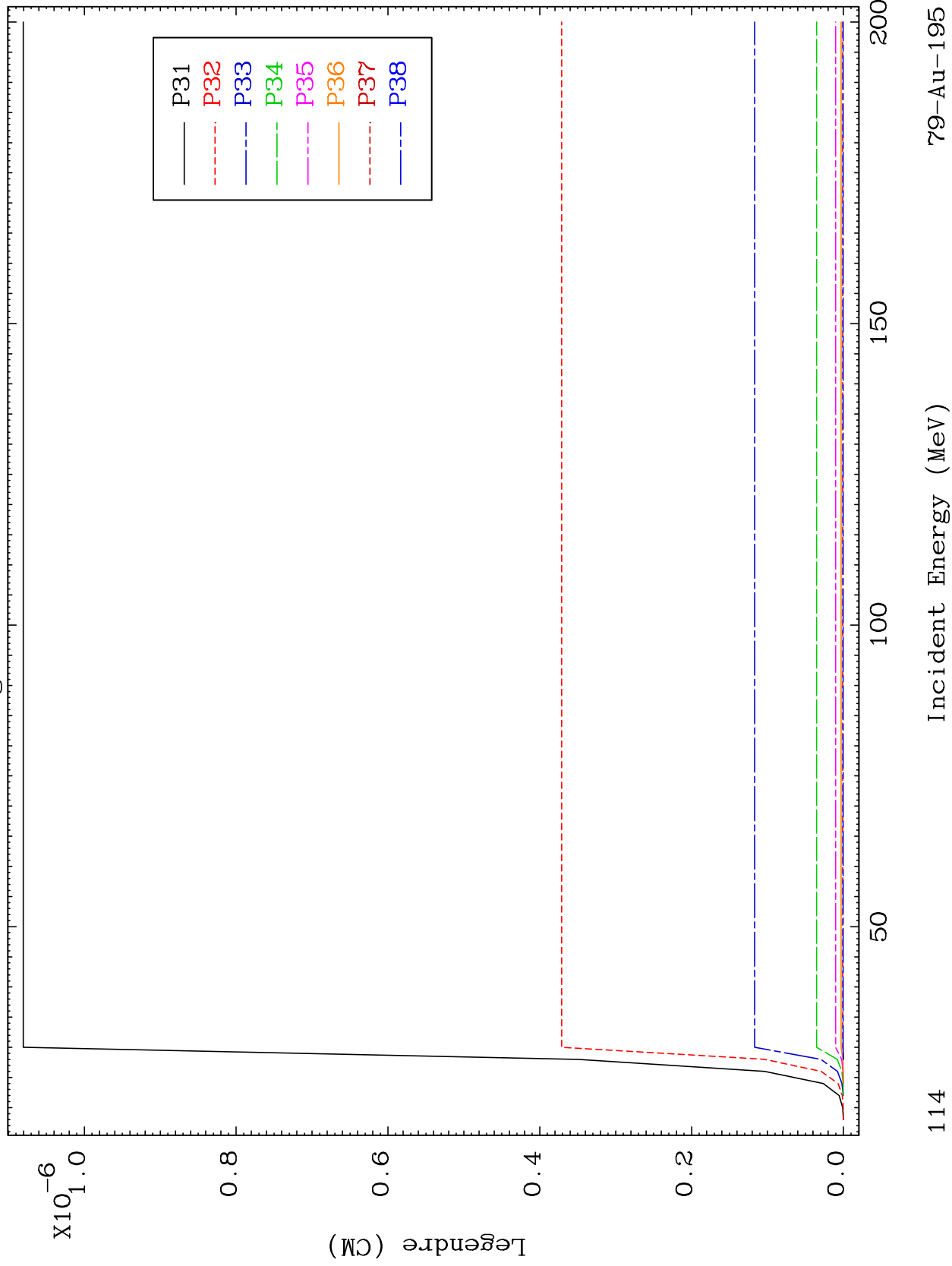
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



114

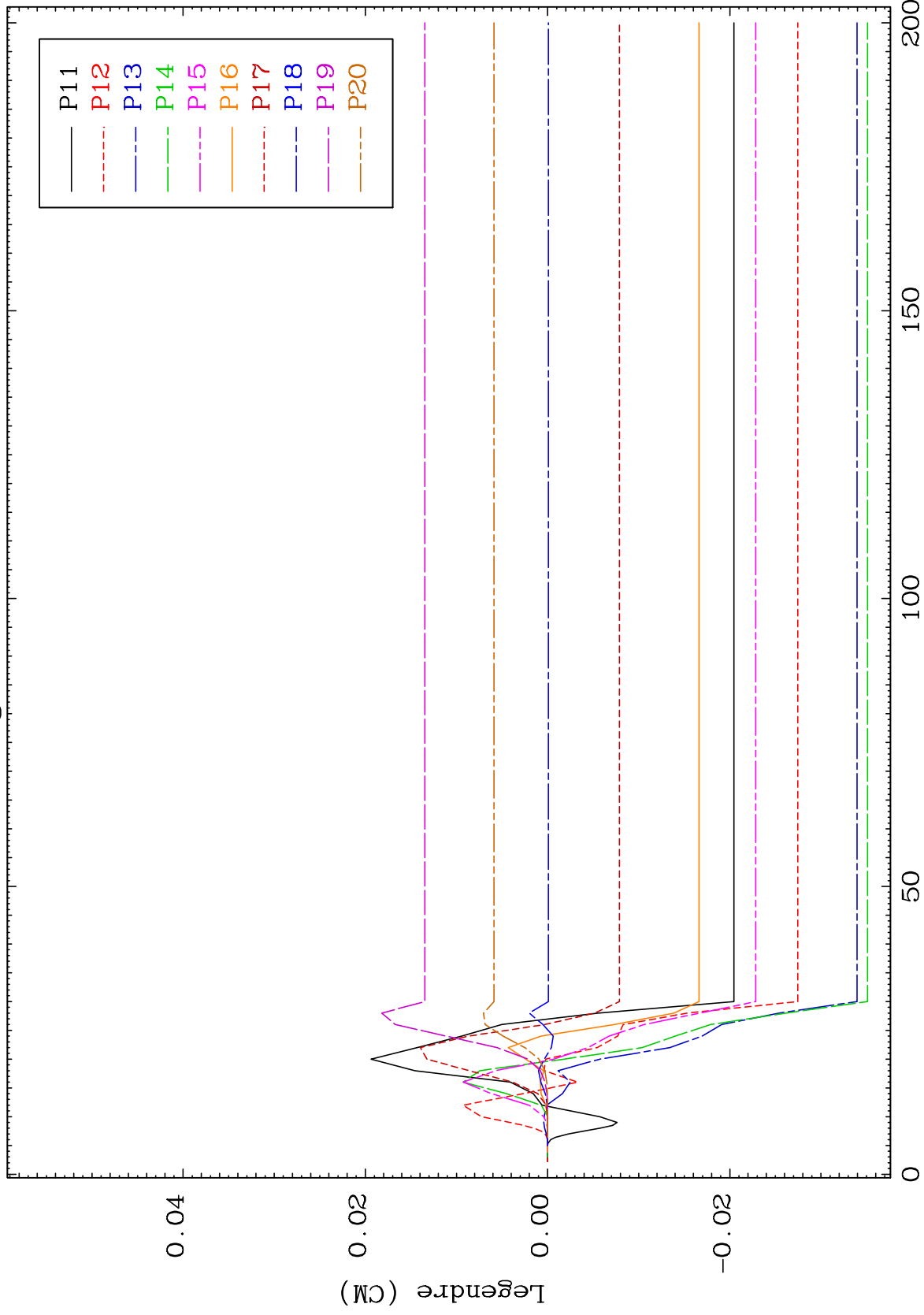
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



116

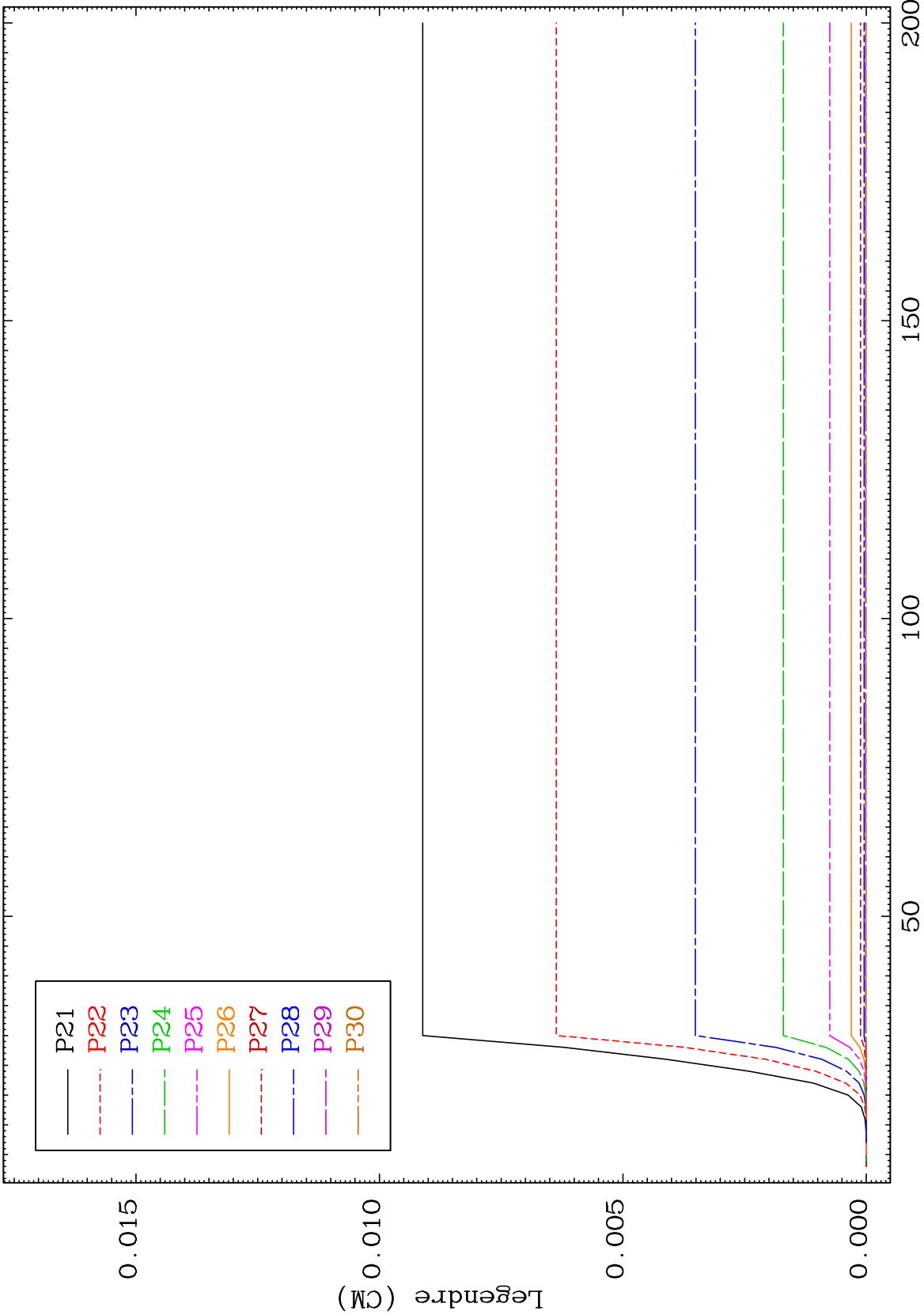
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



117

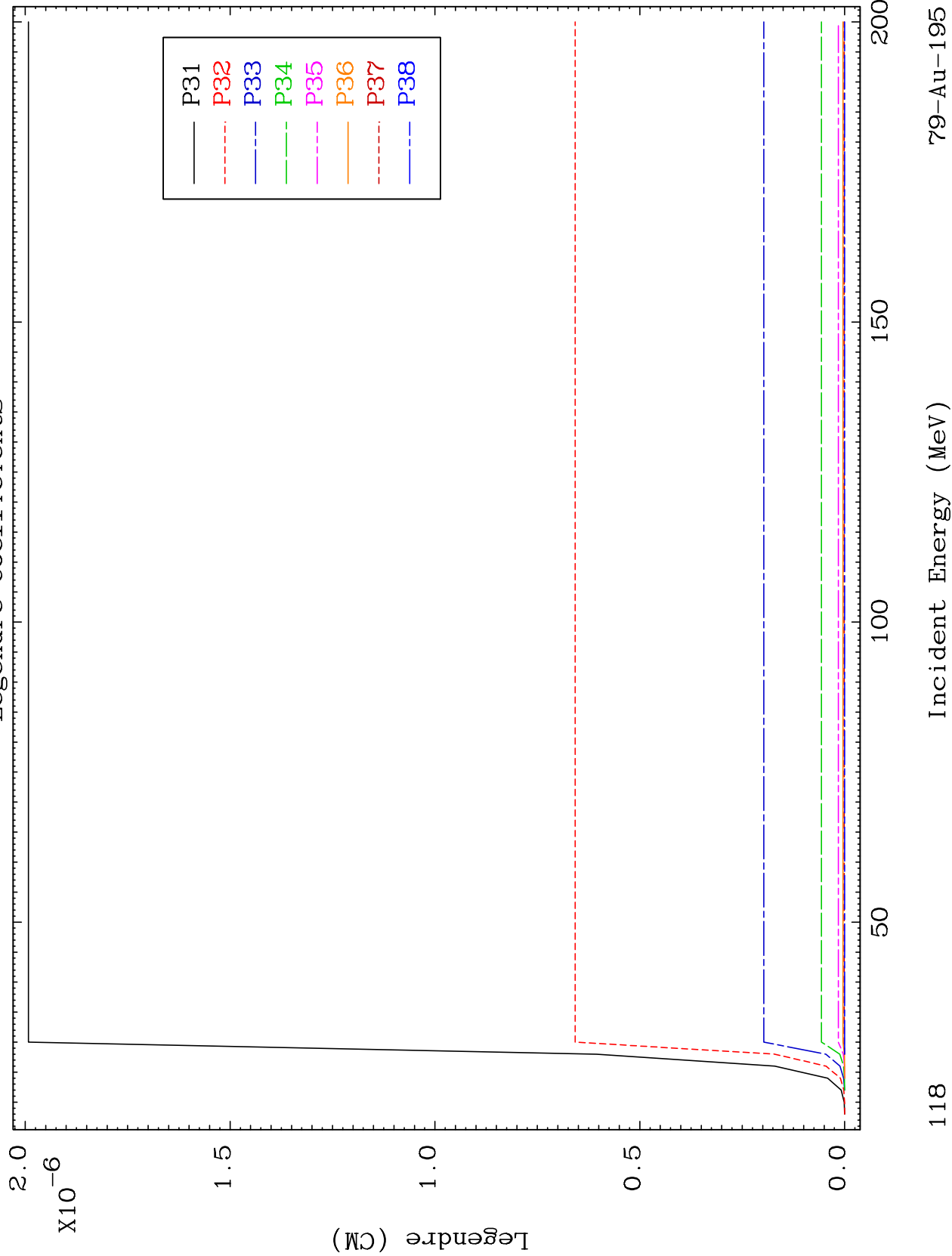
Incident Energy (MeV)

79-Au-195

MAT 7919

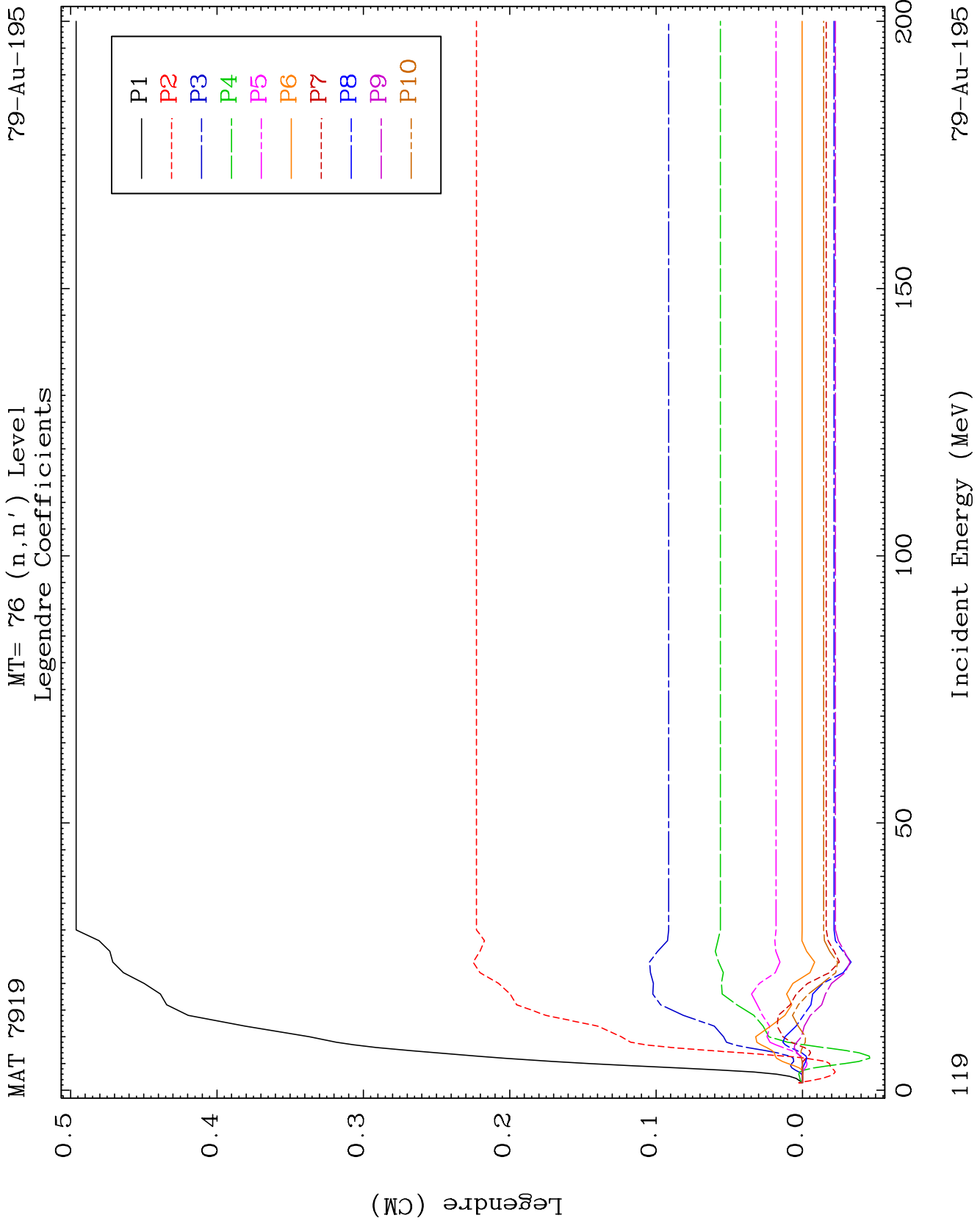
MT= 75 (n,n') Level
Legendre Coefficients

79-Au-195



118

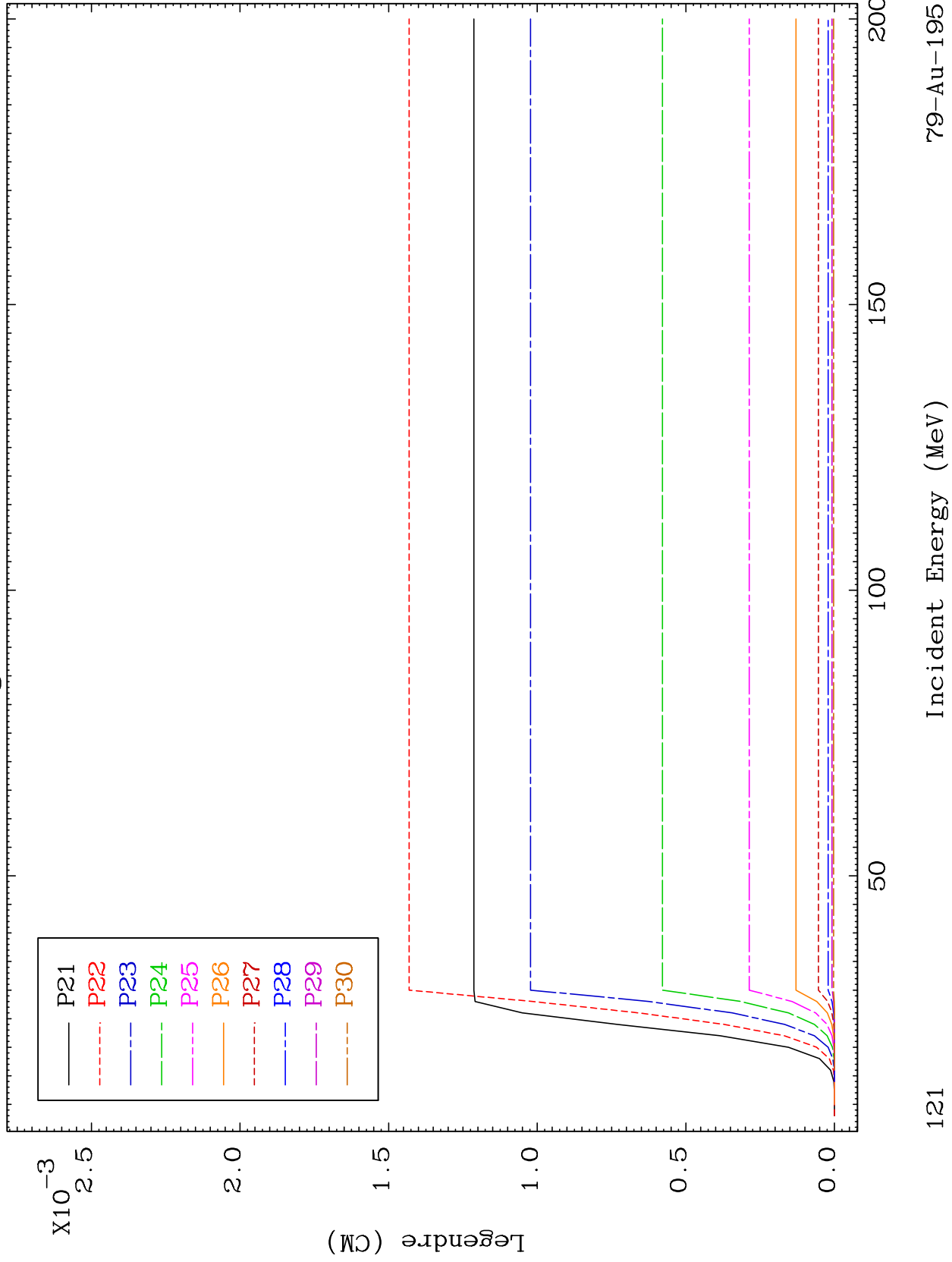
79-Au-195



MAT 7919

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

79-Au-195



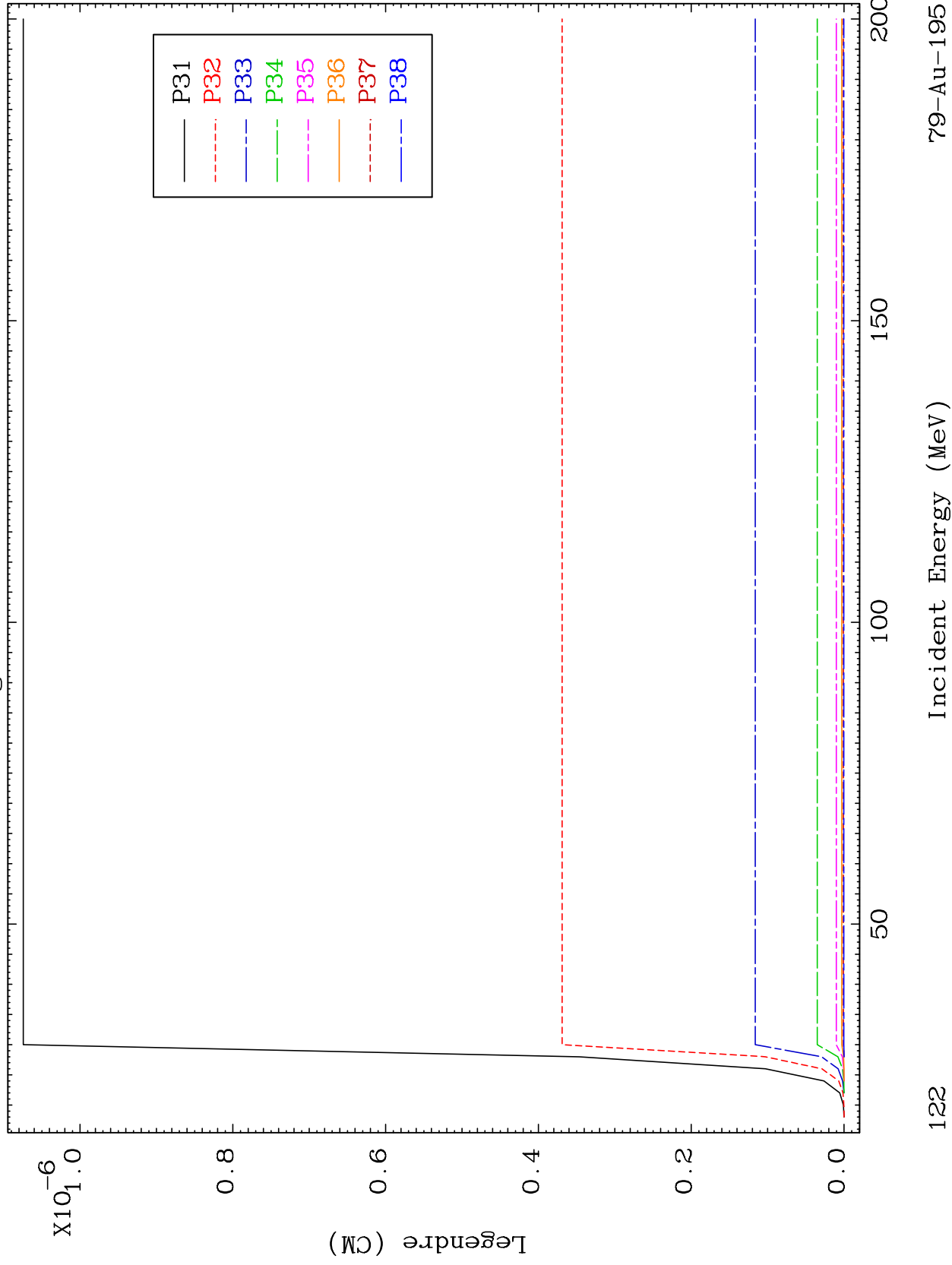
121

79-Au-195

MAT 7919

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

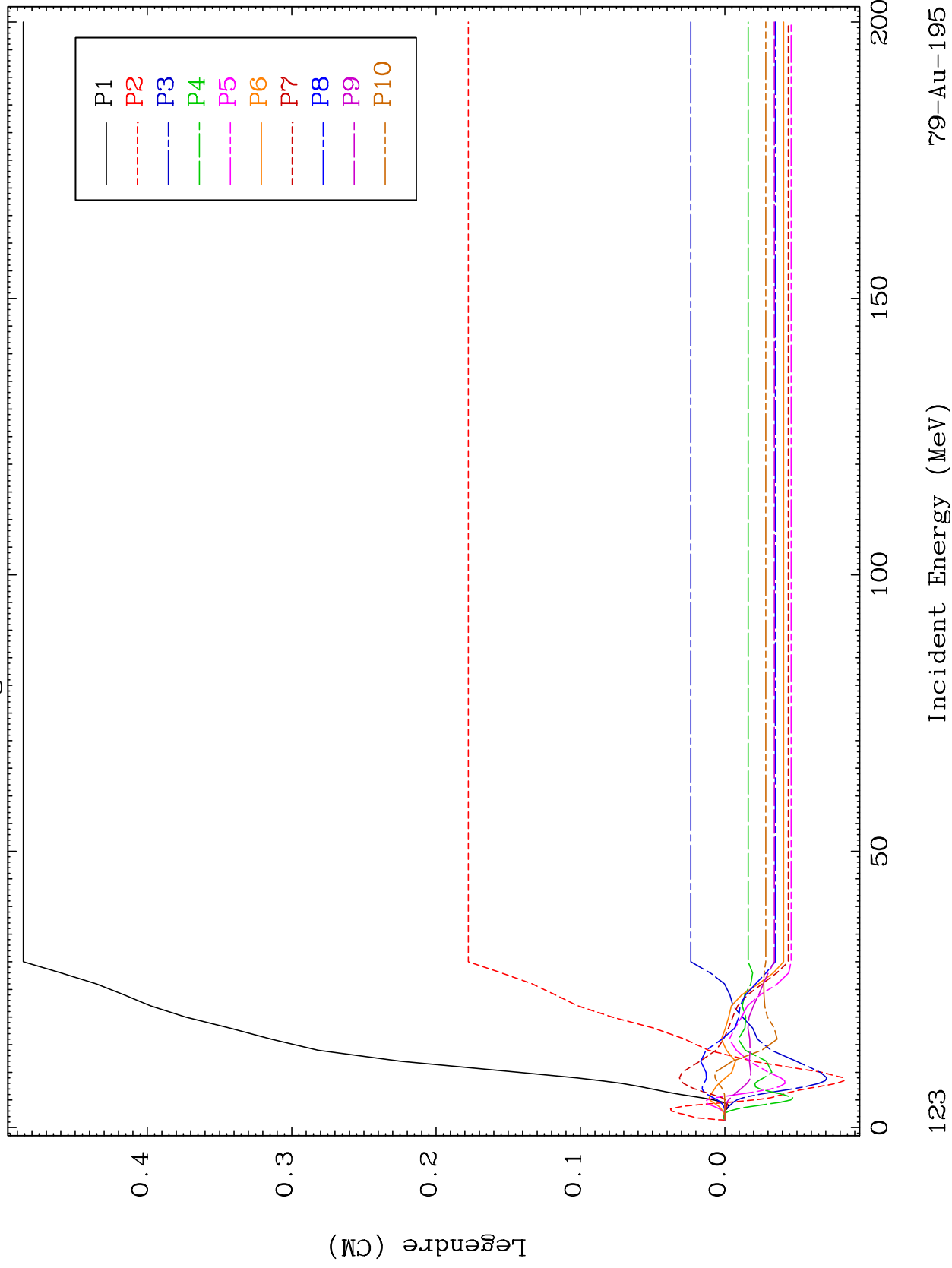
79-Au-195



MAT 7919

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

79-Au-195



79-Au-195

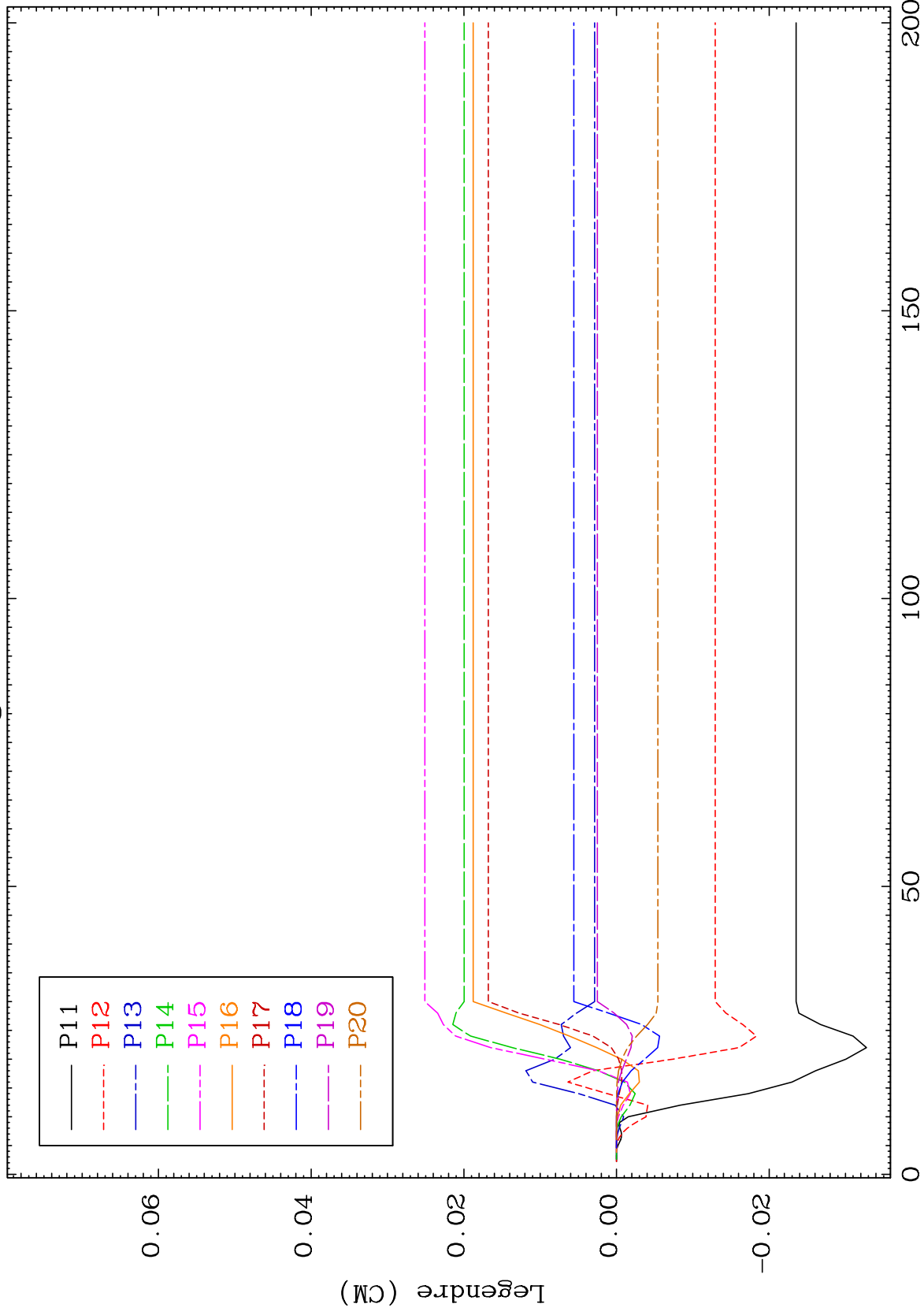
Incident Energy (MeV)

123

MAT 7919

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

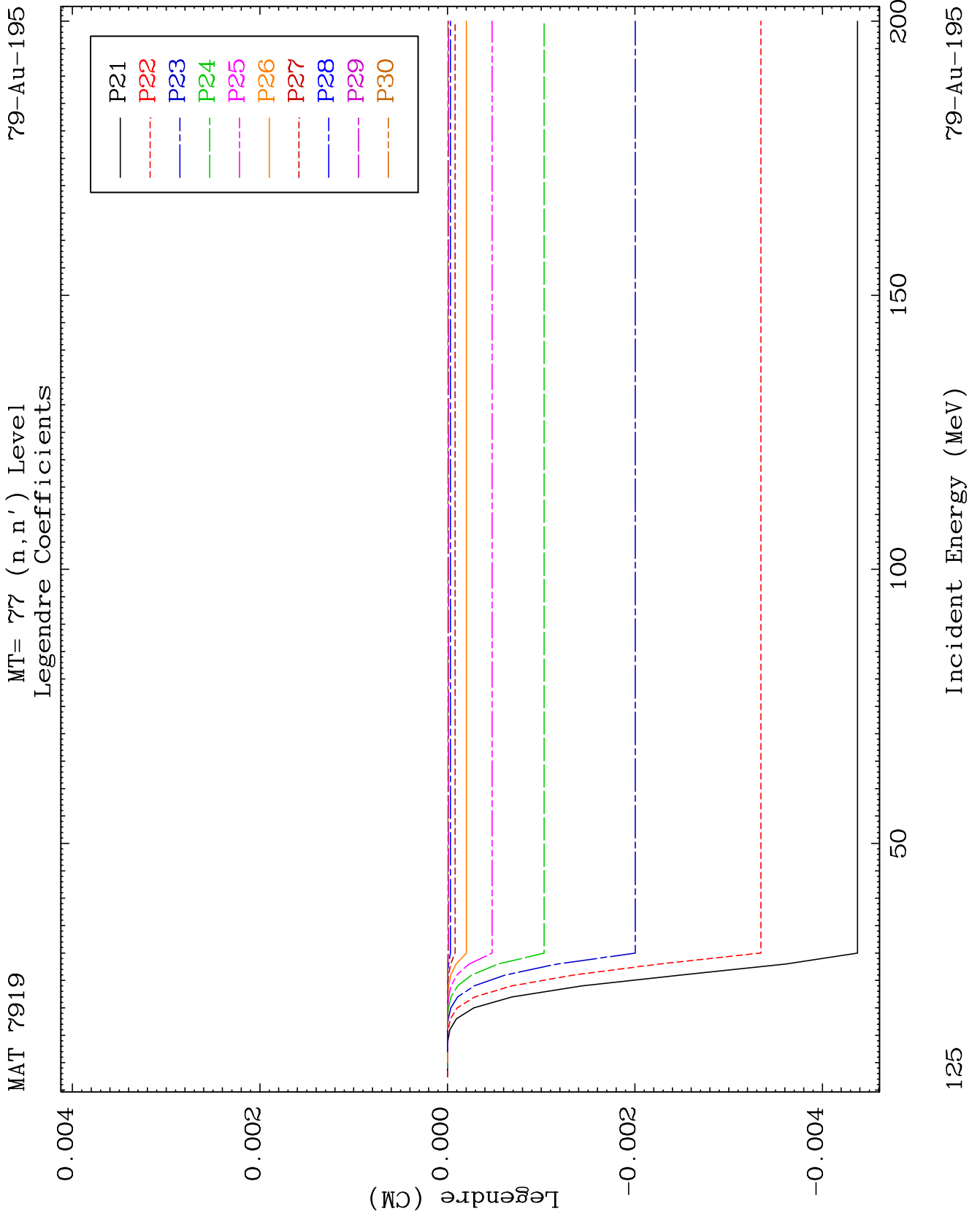
79-Au-195

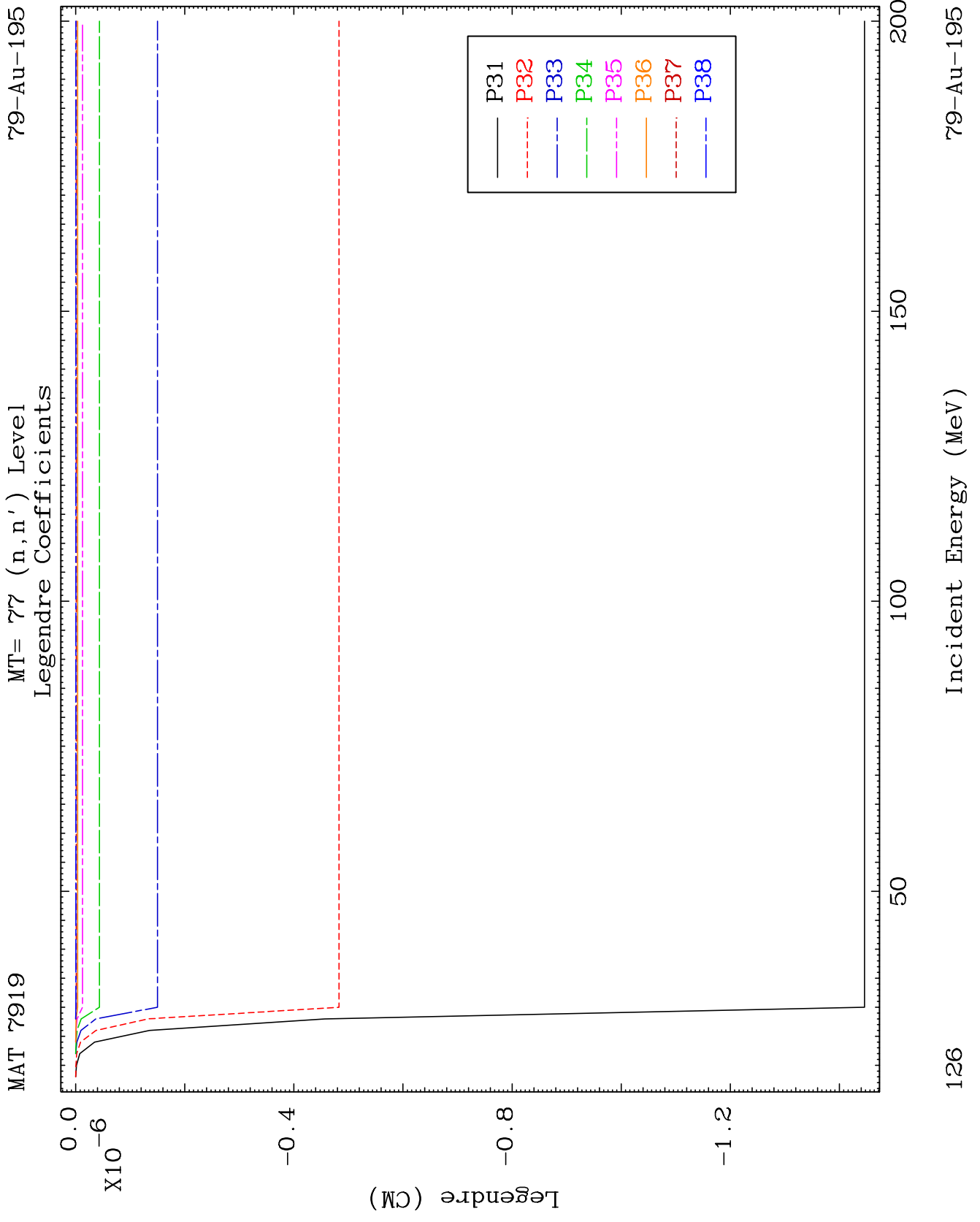


124

Incident Energy (MeV)

79-Au-195

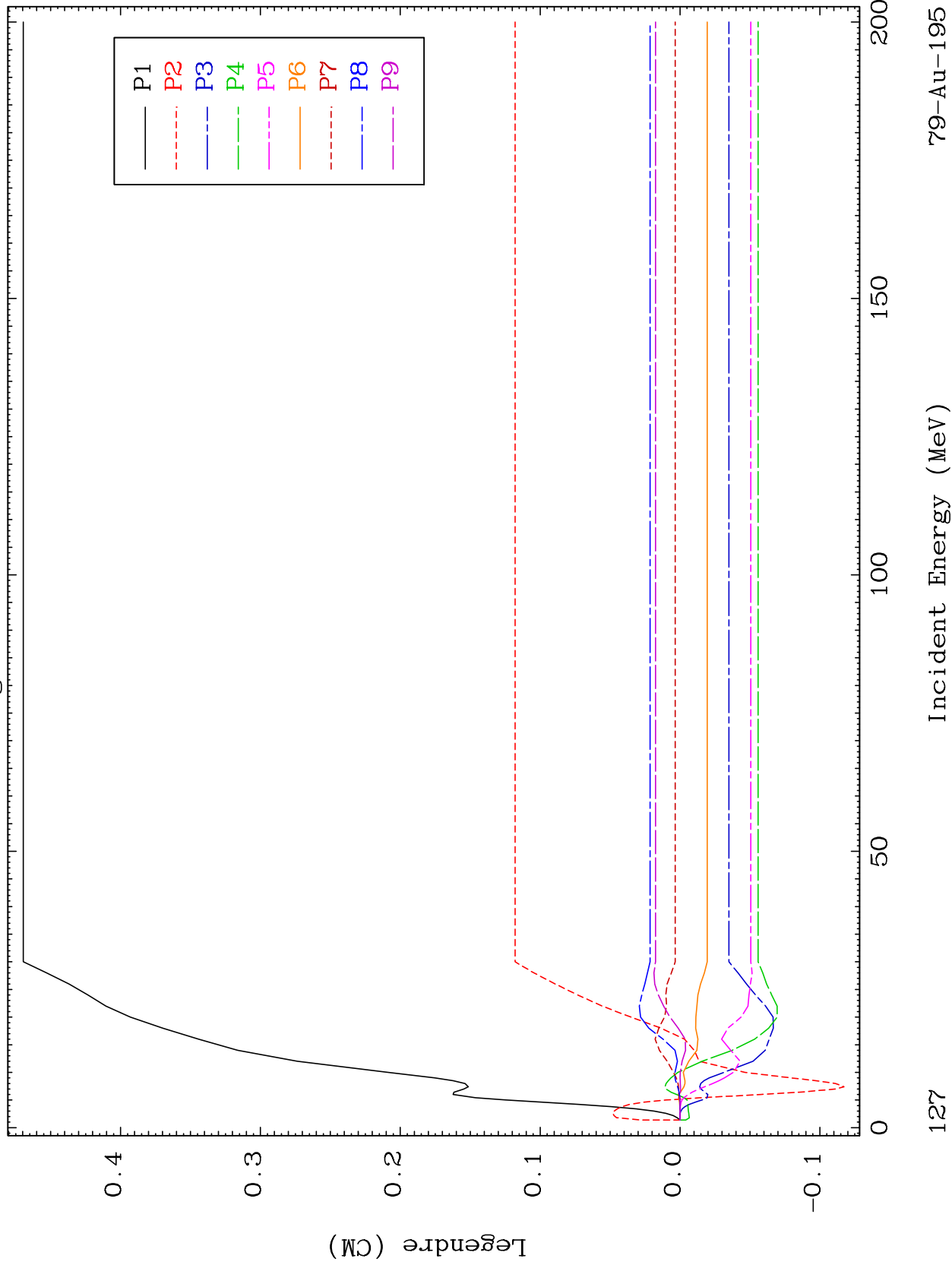




MAT 7919

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

79-Au-195



127

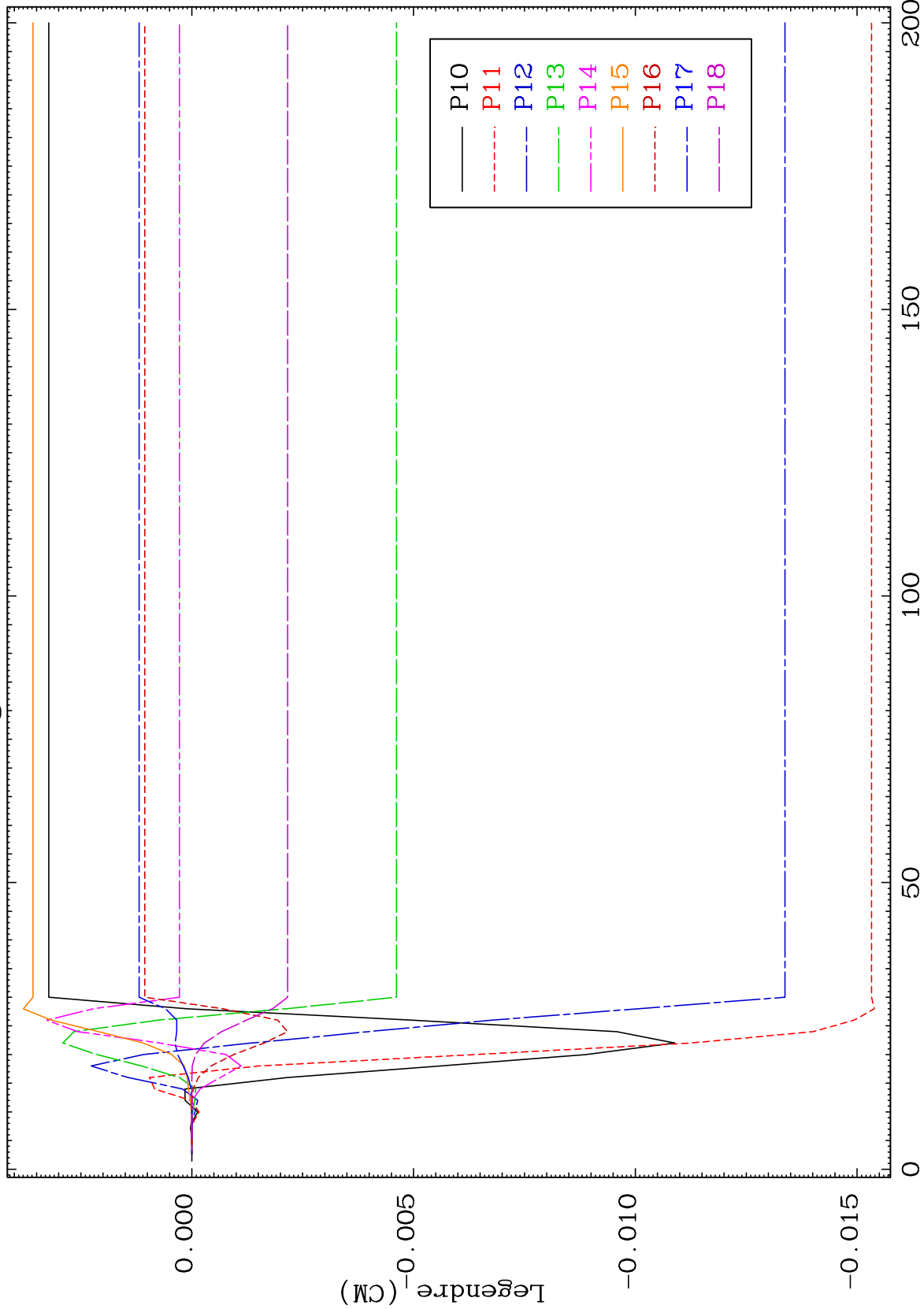
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



128

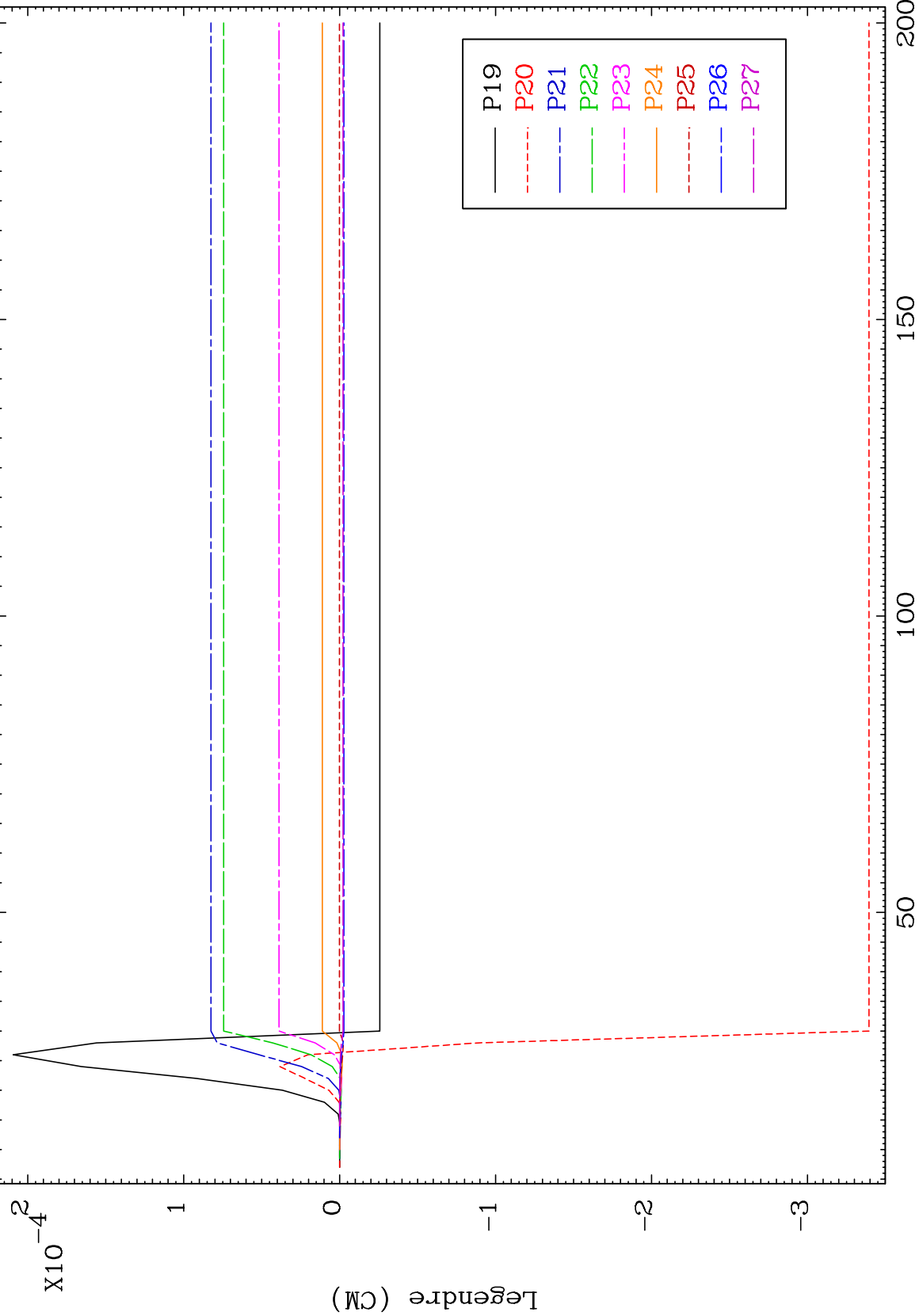
Incident Energy (MeV)

79-Au-195

MAT 7919

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

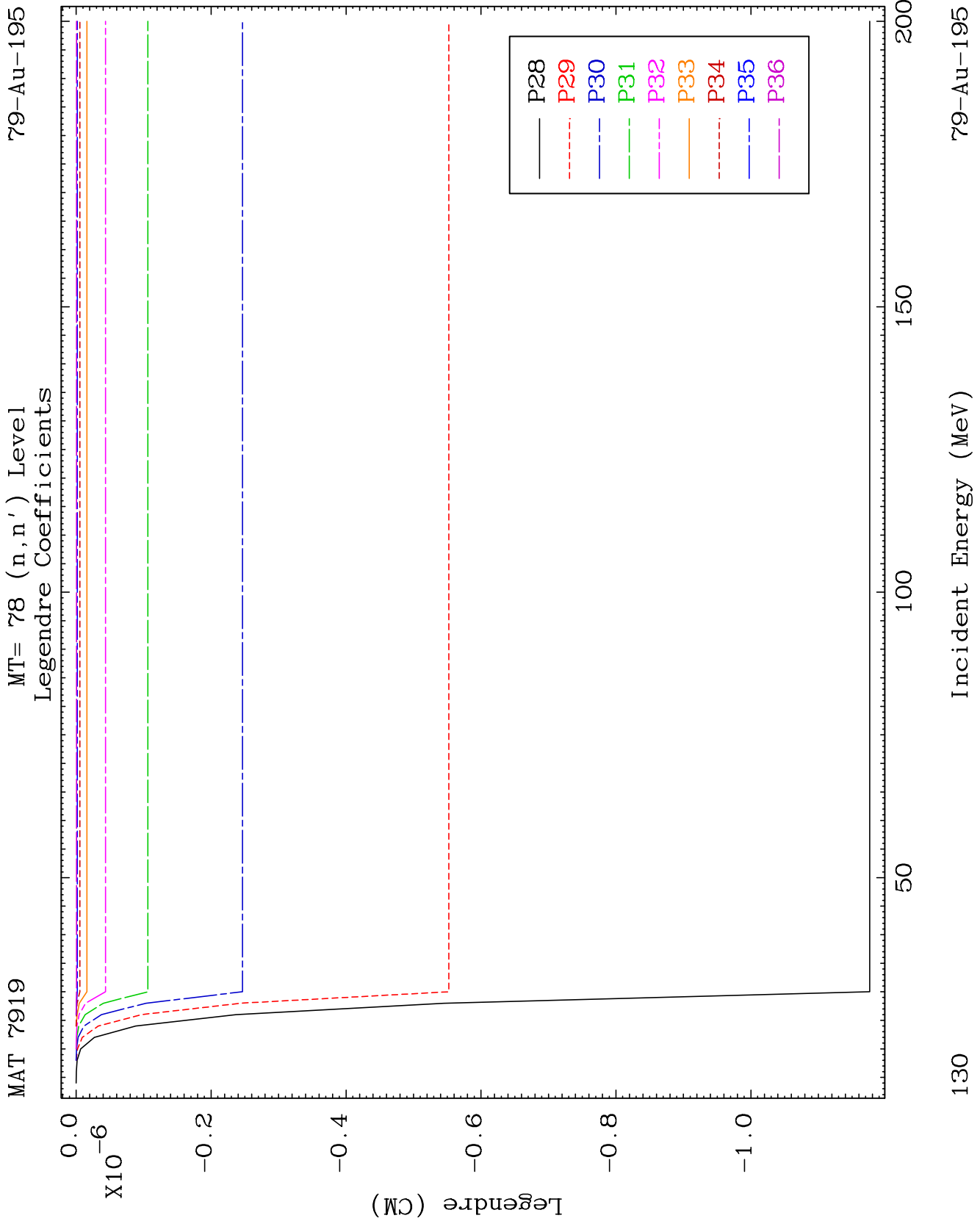
79-Au-195

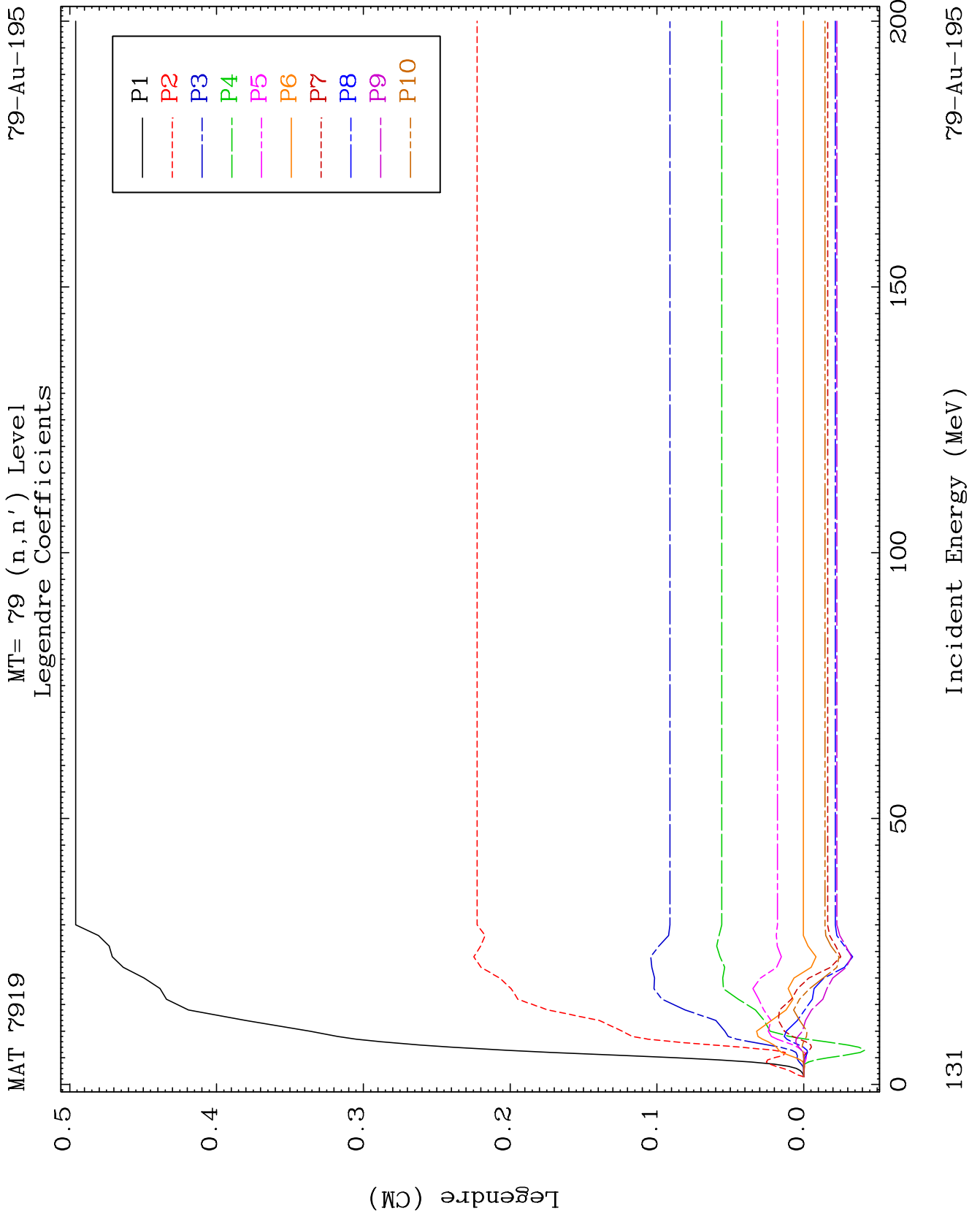


129

Incident Energy (MeV)

79-Au-195

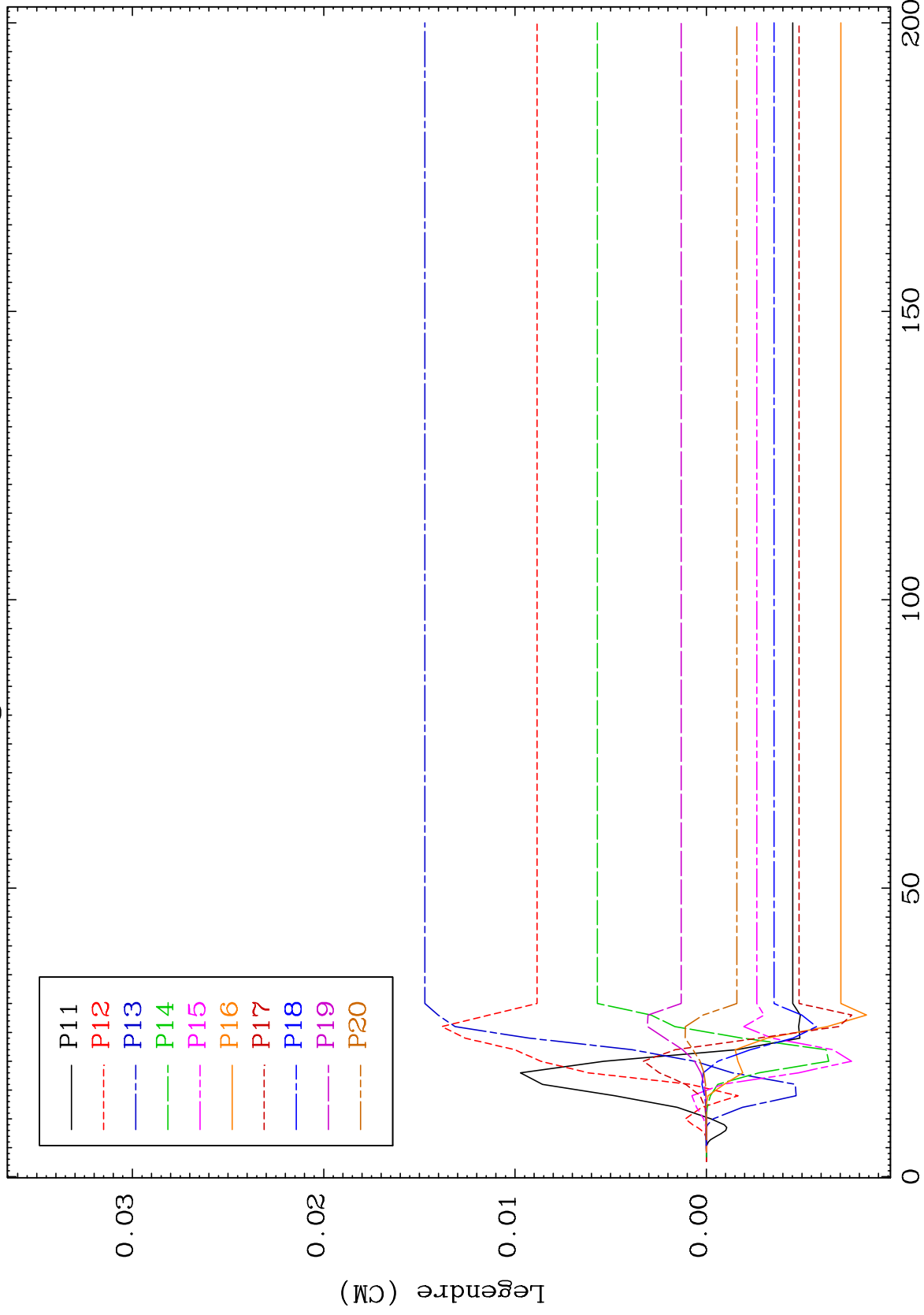




MAT 7919

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

79-Au-195



132

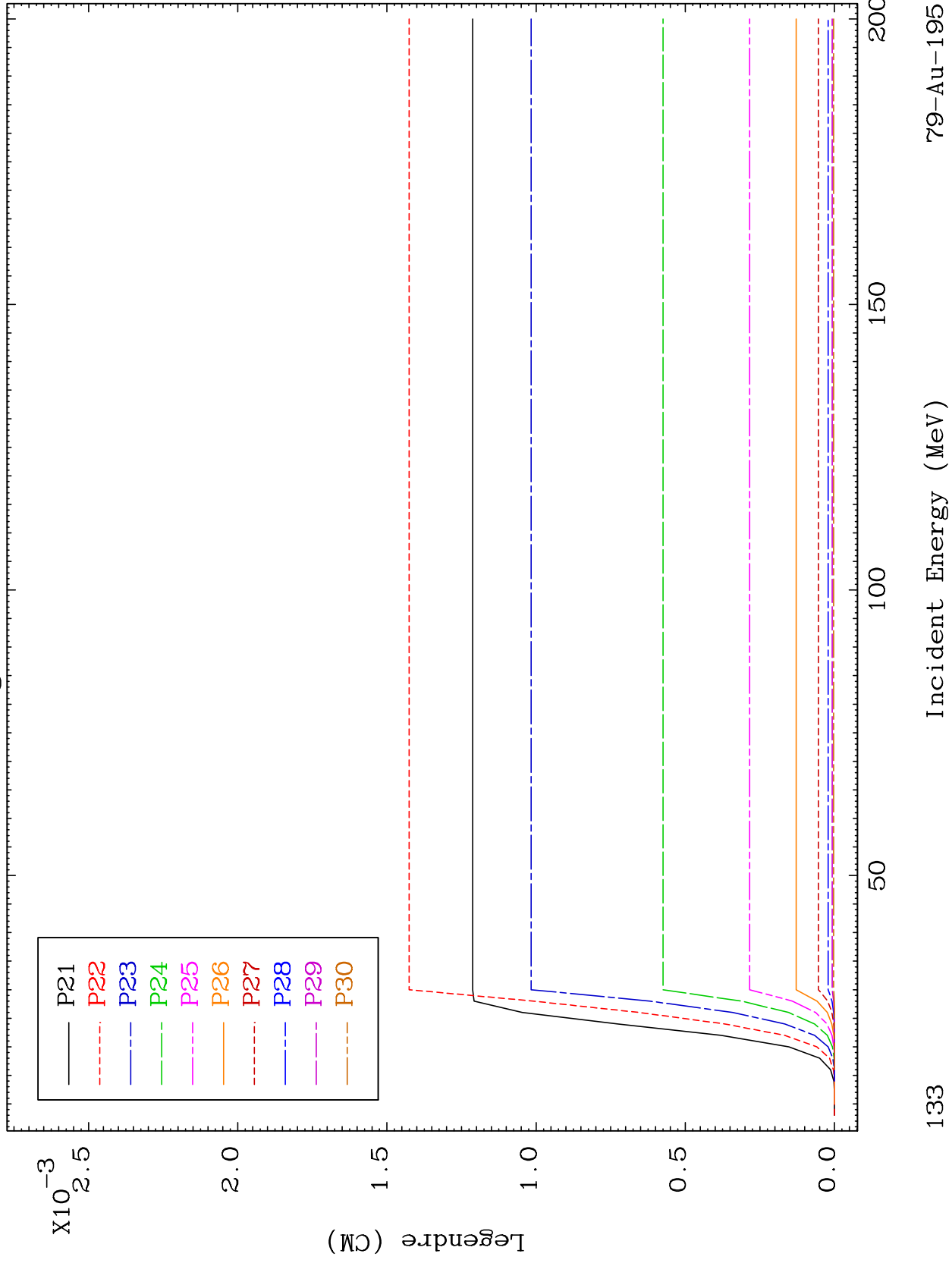
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



133

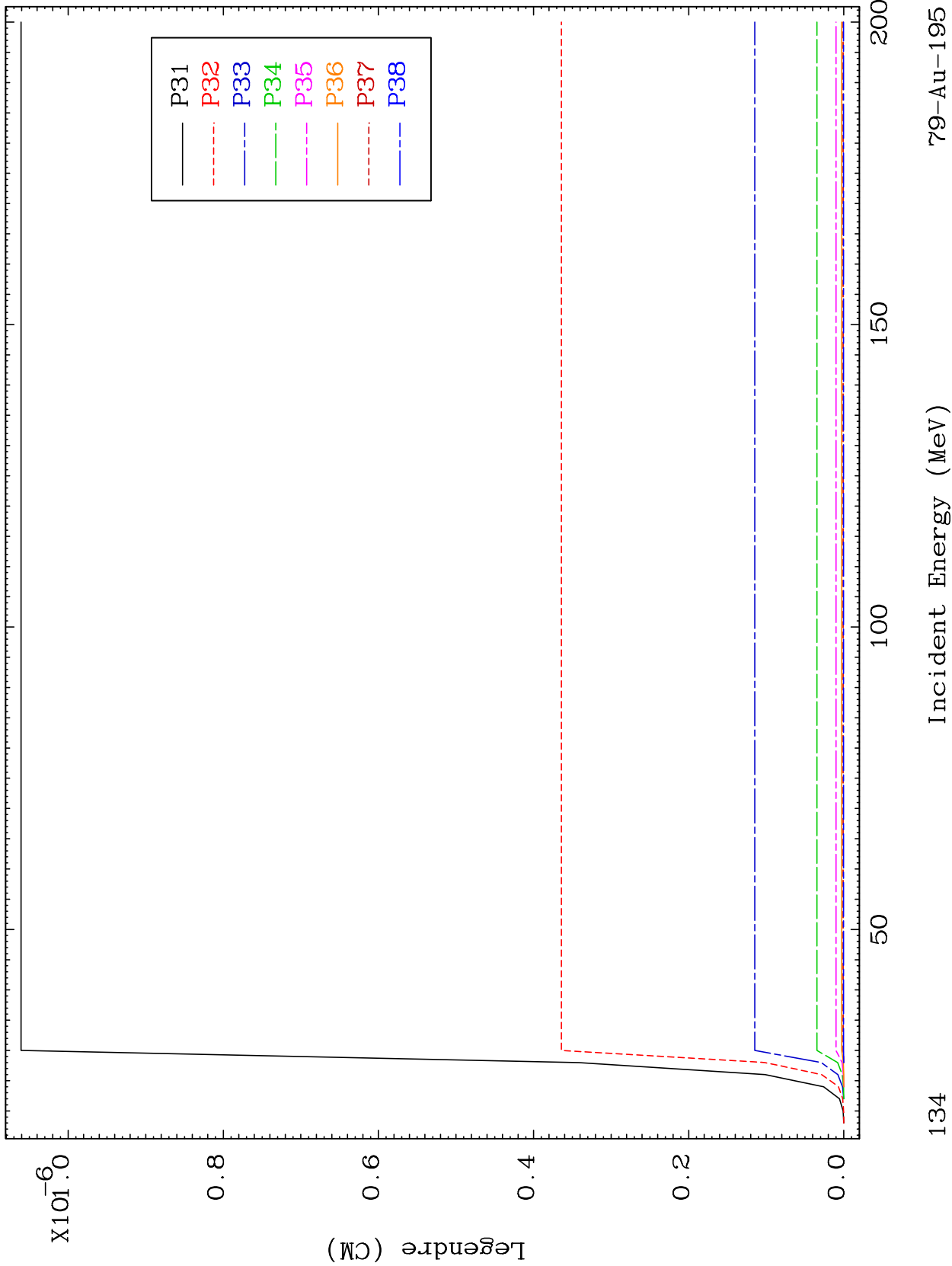
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



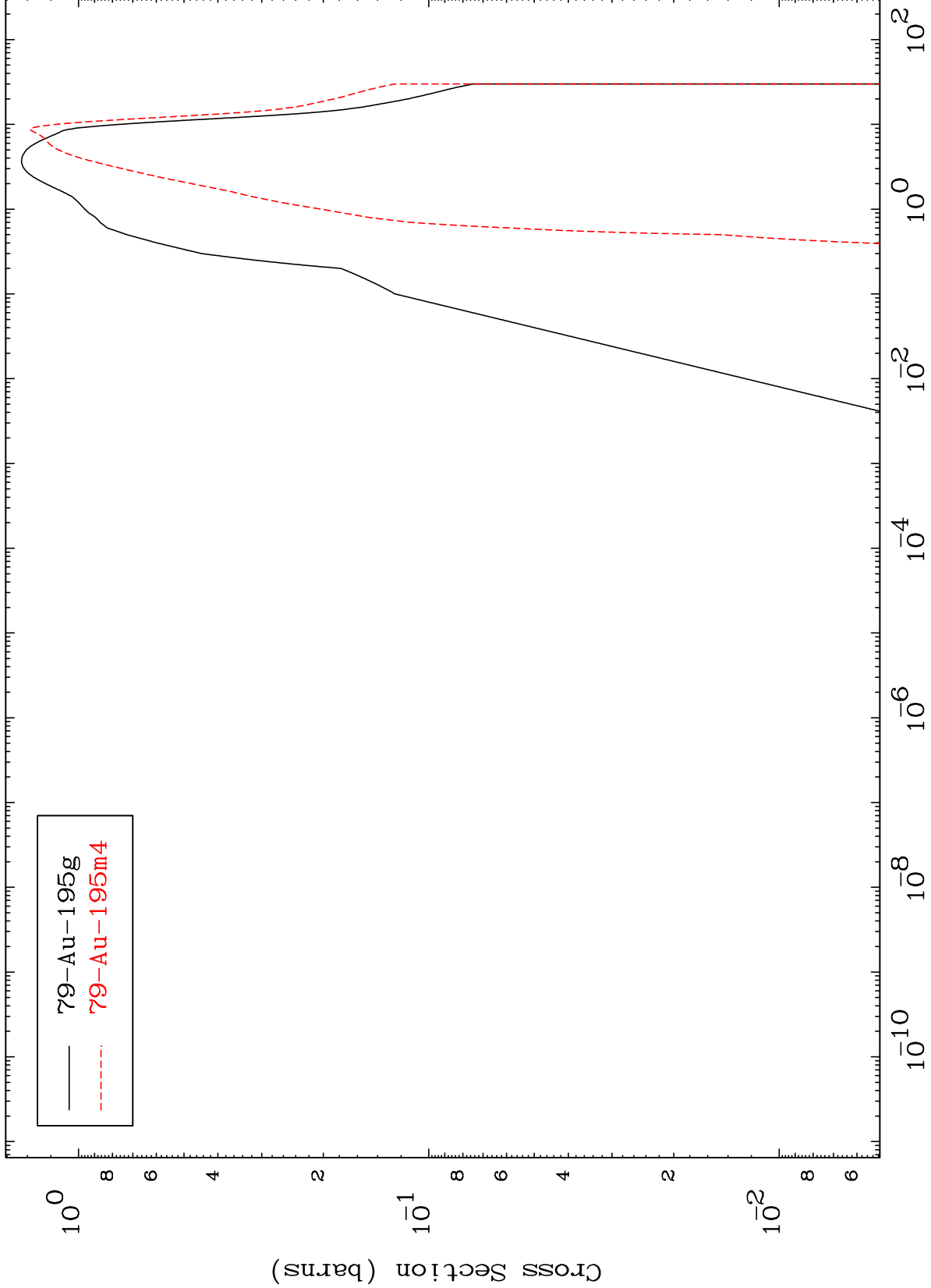
134

79-Au-195

MAT 7919

Inelastic
Radionuclide Production Cross Section

79-Au-195



135

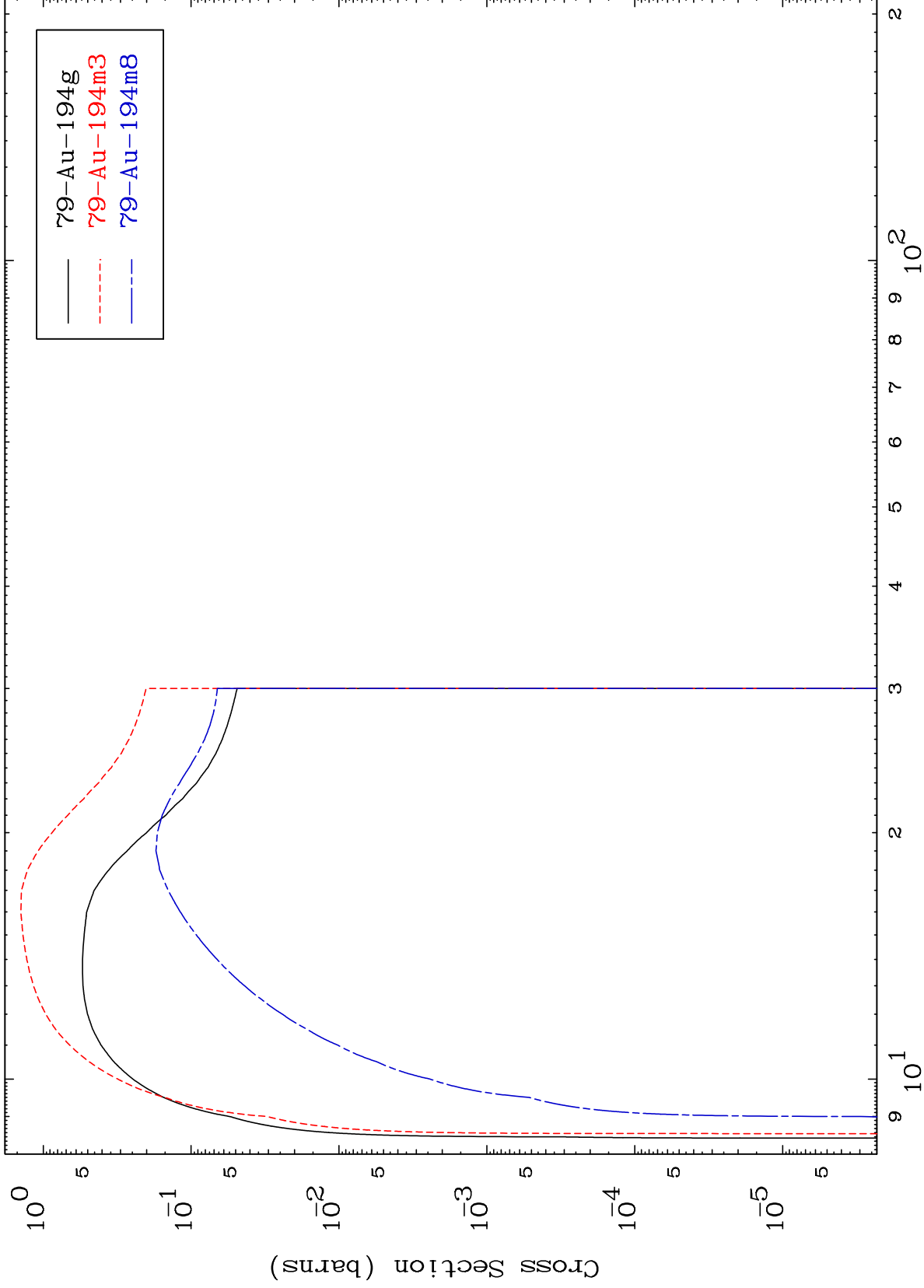
79-Au-195

MAT 7919

(n,2n)

79-Au-195

Radionuclide Production Cross Section



136

Incident Energy (MeV)

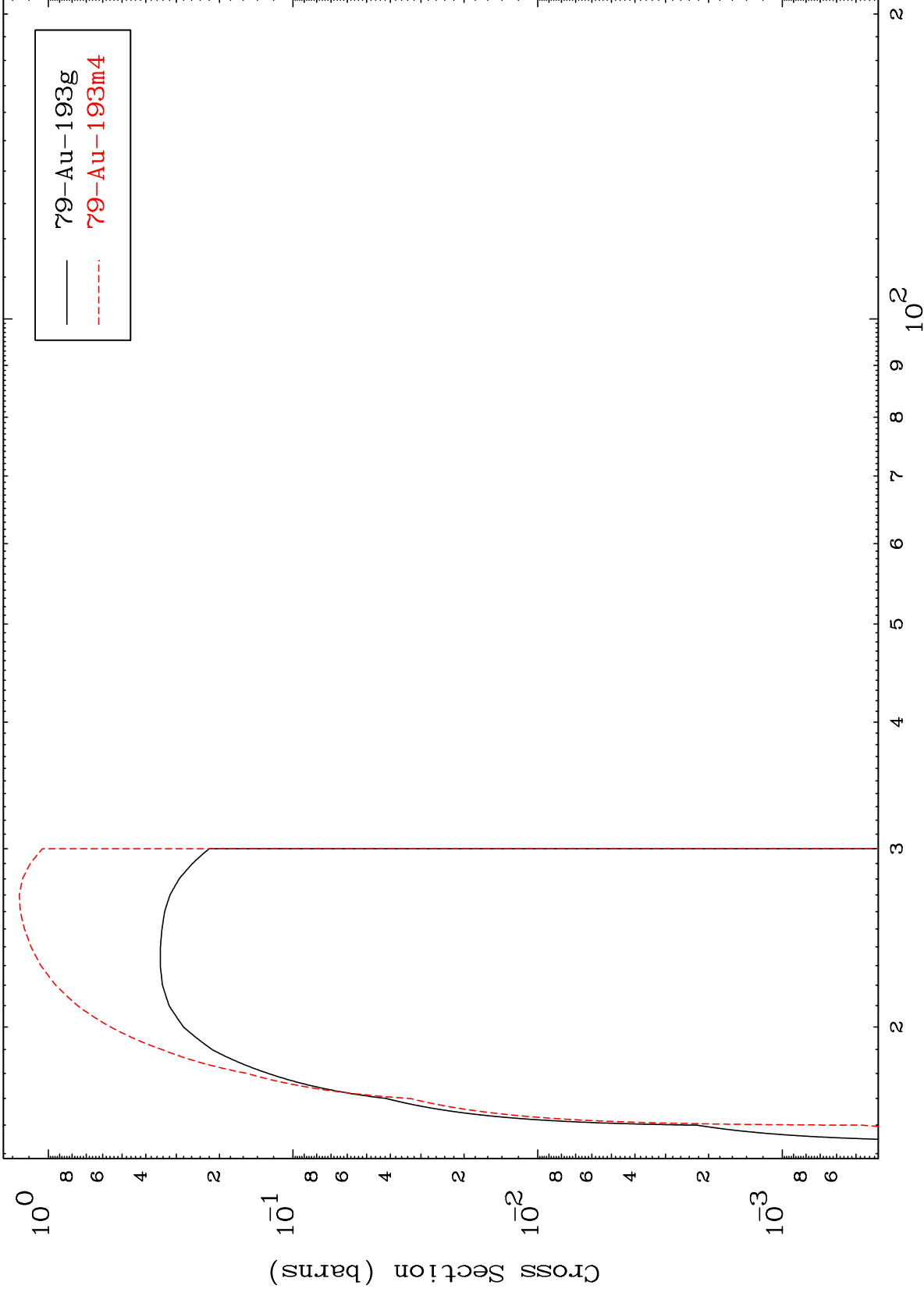
79-Au-195

MAT 7919

(n,3n)

79-Au-195

Radionuclide Production Cross Section



79-Au-193g
79-Au-193m4

137

Incident Energy (MeV)

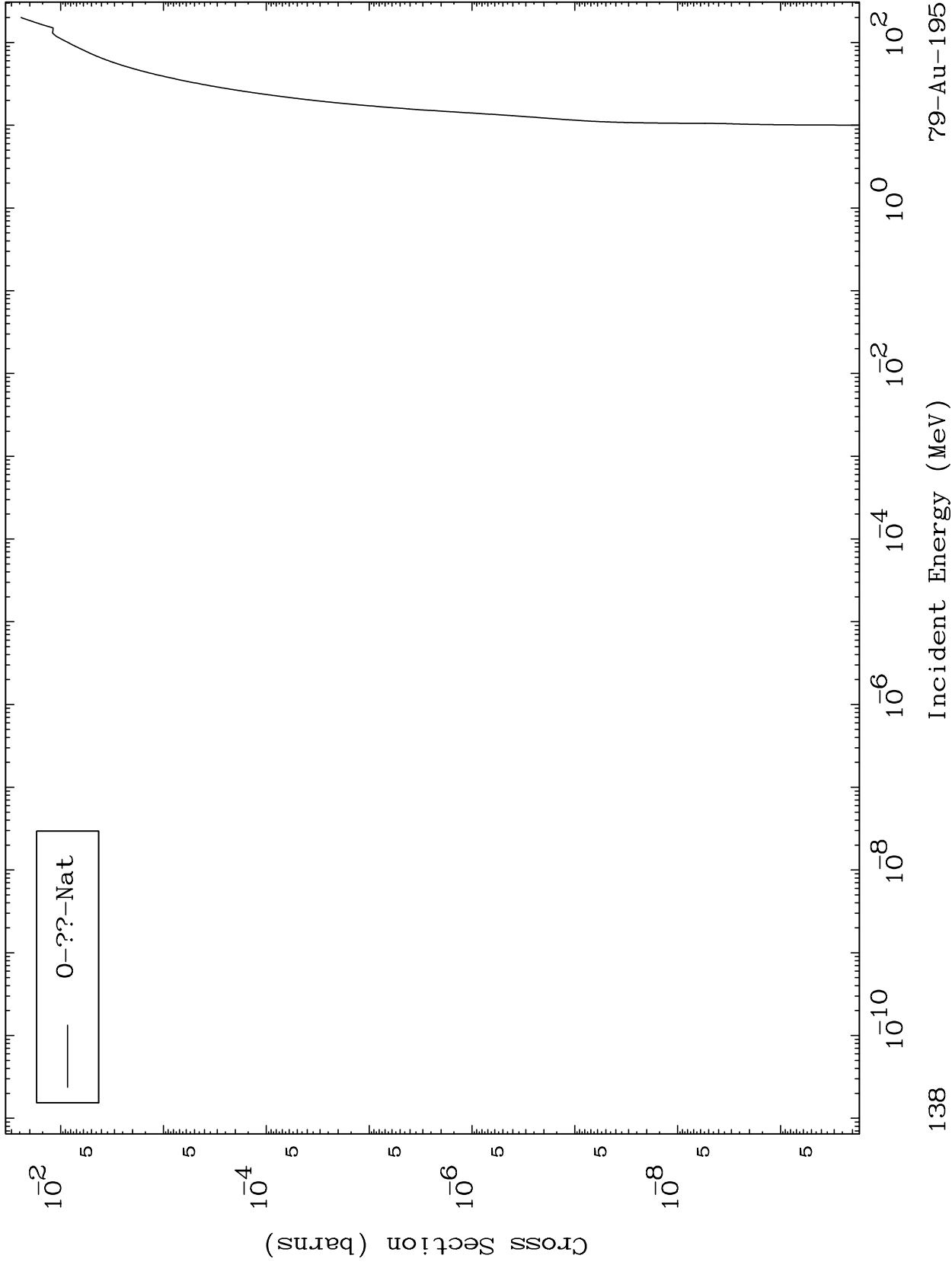
79-Au-195

MAT 7919

Fission

79-Au-195

Radionuclide Production Cross Section



138

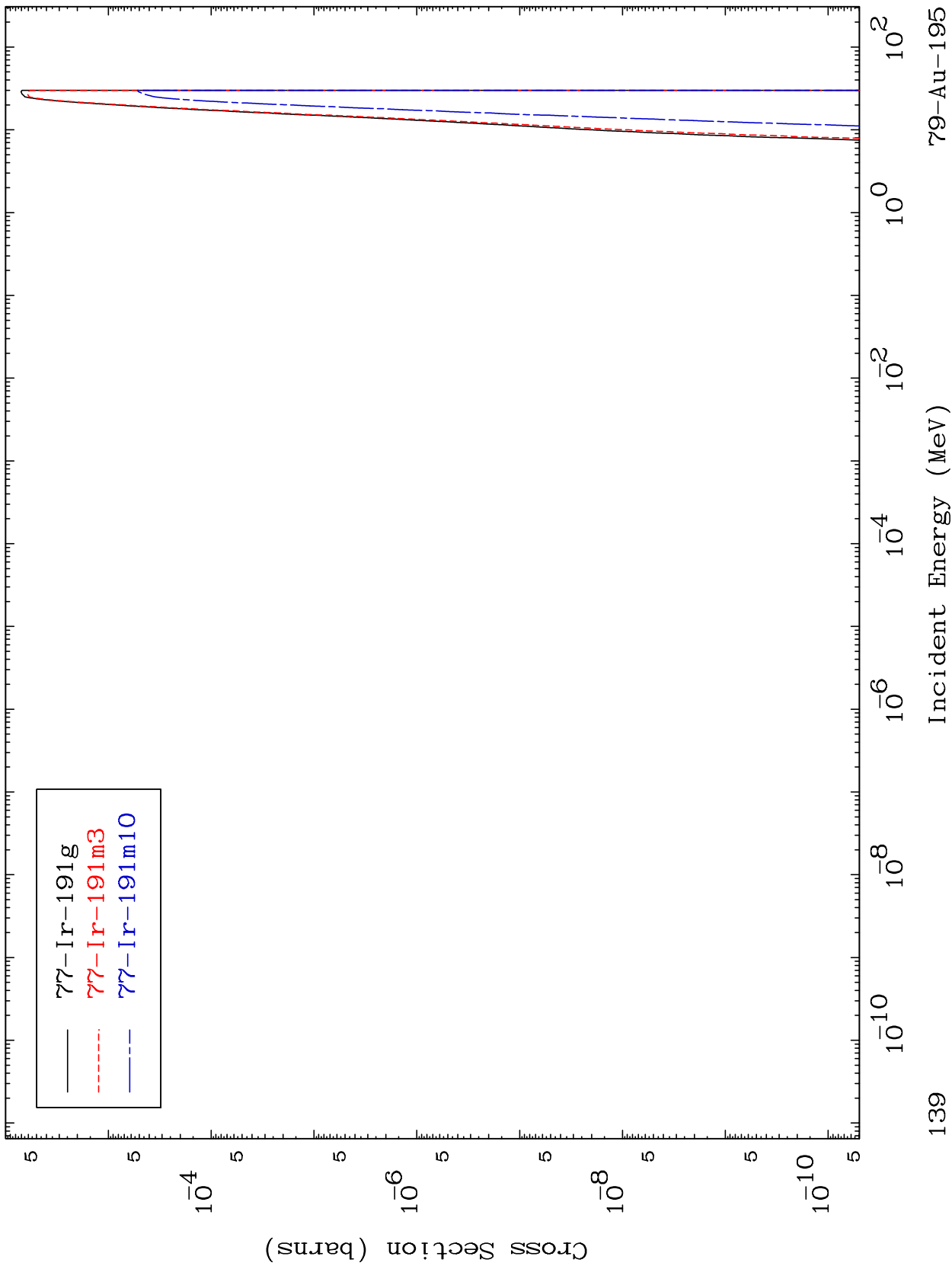
79-Au-195

MAT 7919

$(n, n') \alpha$

$^{79}\text{Au-195}$

Radionuclide Production Cross Section



139

Incident Energy (MeV)

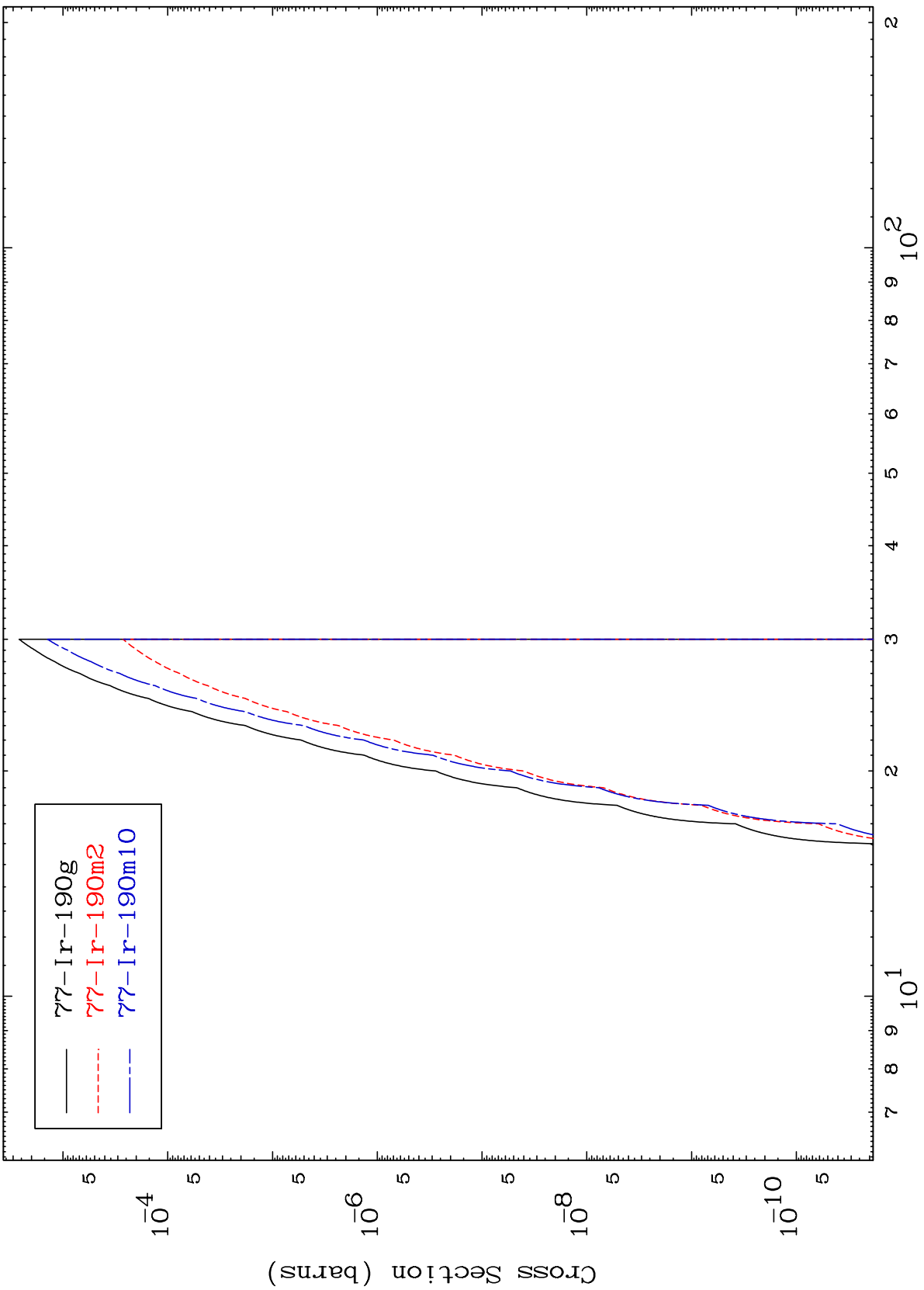
$^{79}\text{Au-195}$

MAT 7919

$(n,2n) \alpha$

79-Au-195

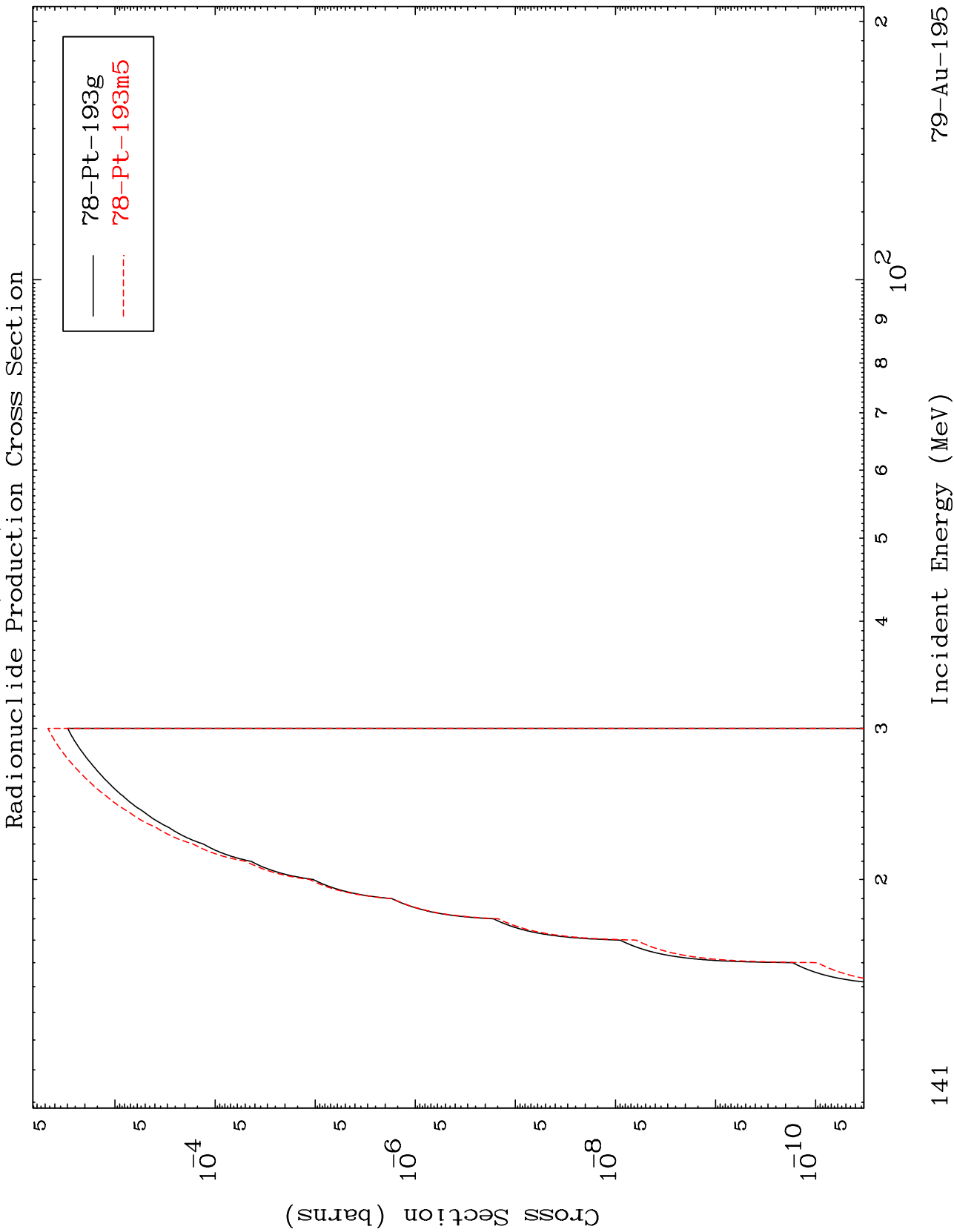
Radionuclide Production Cross Section



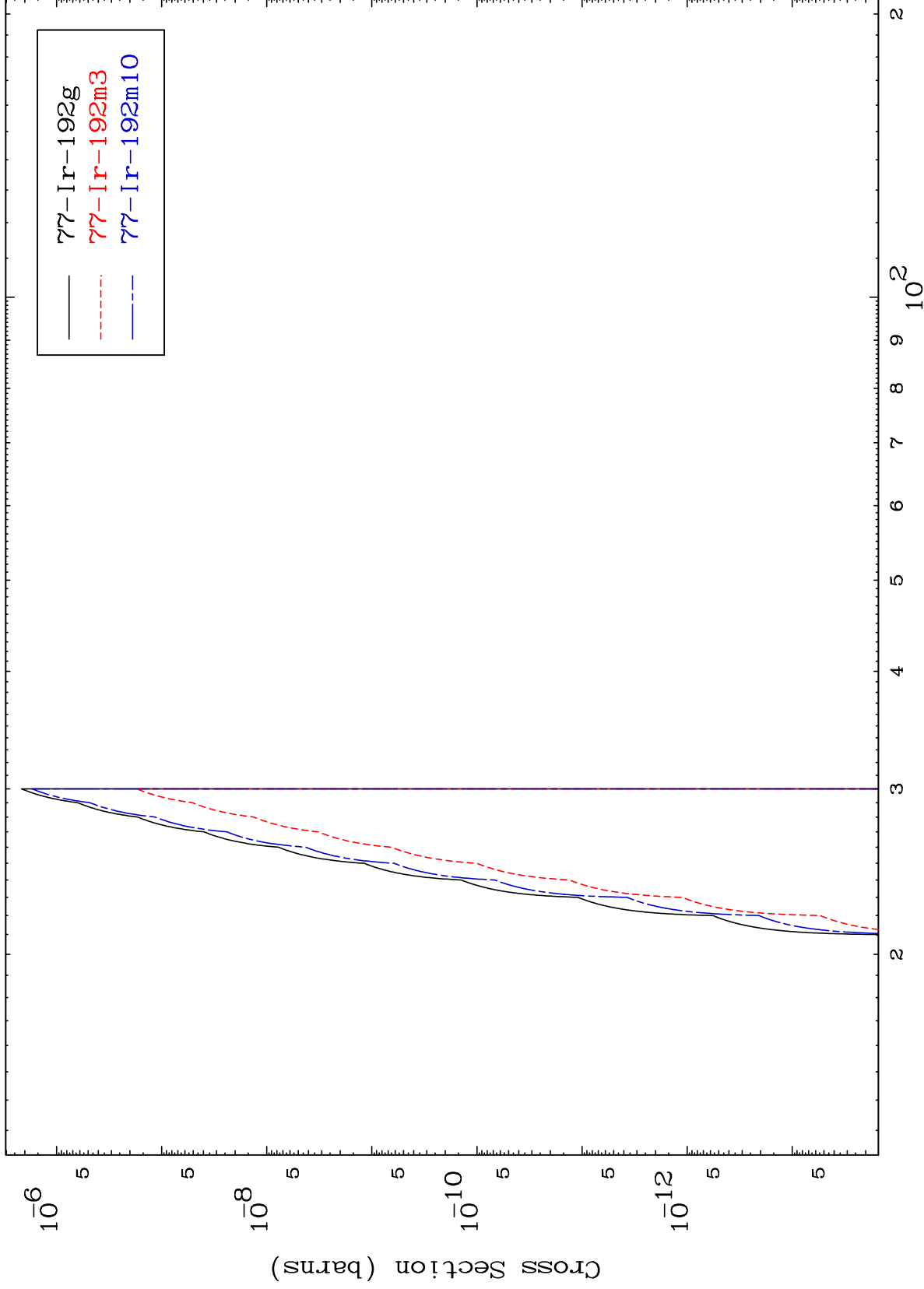
140

Incident Energy (MeV)

79-Au-195



Radionuclide Production Cross Section

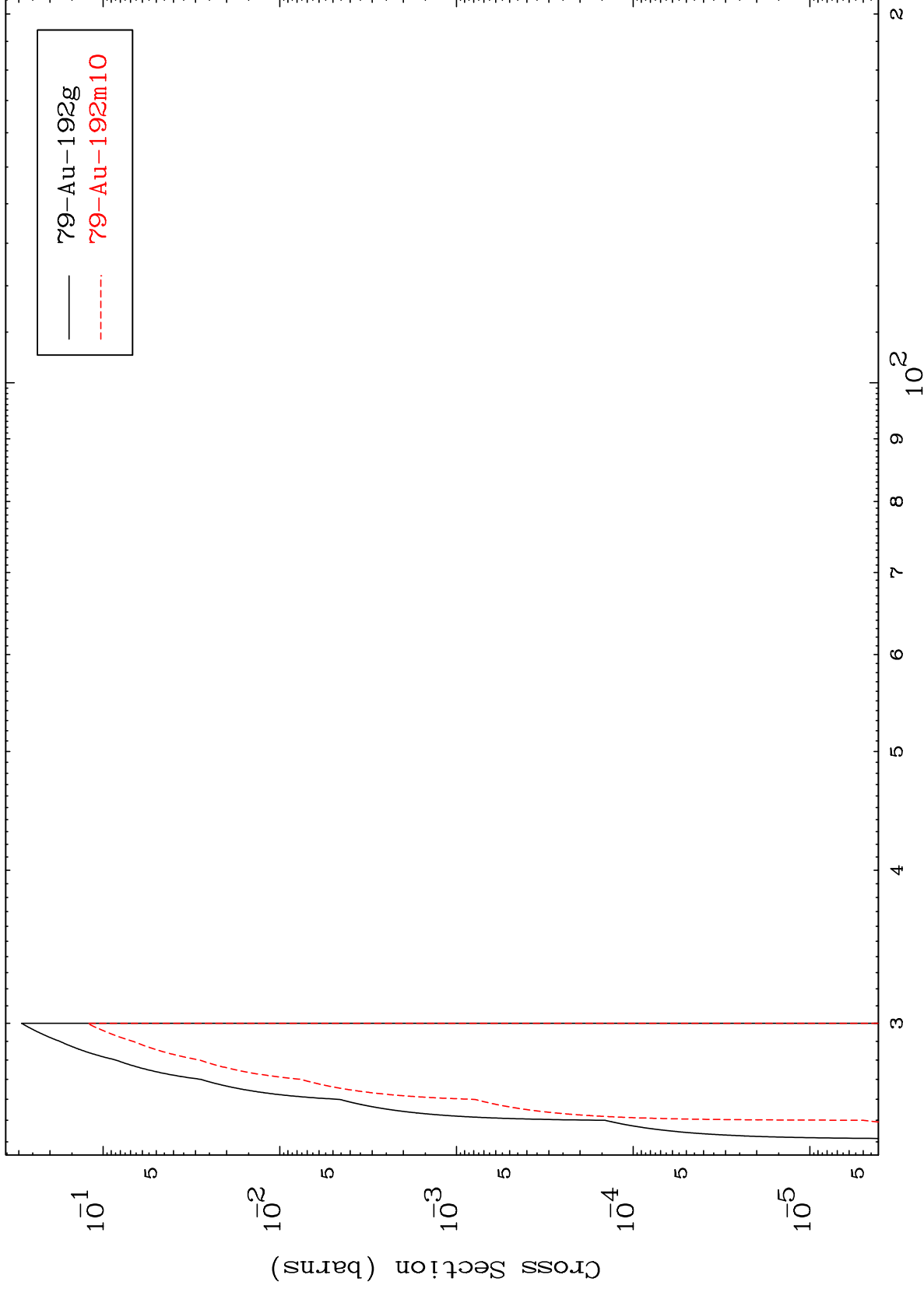


MAT 7919

(n,4n)

79-Au-195

Radionuclide Production Cross Section



143

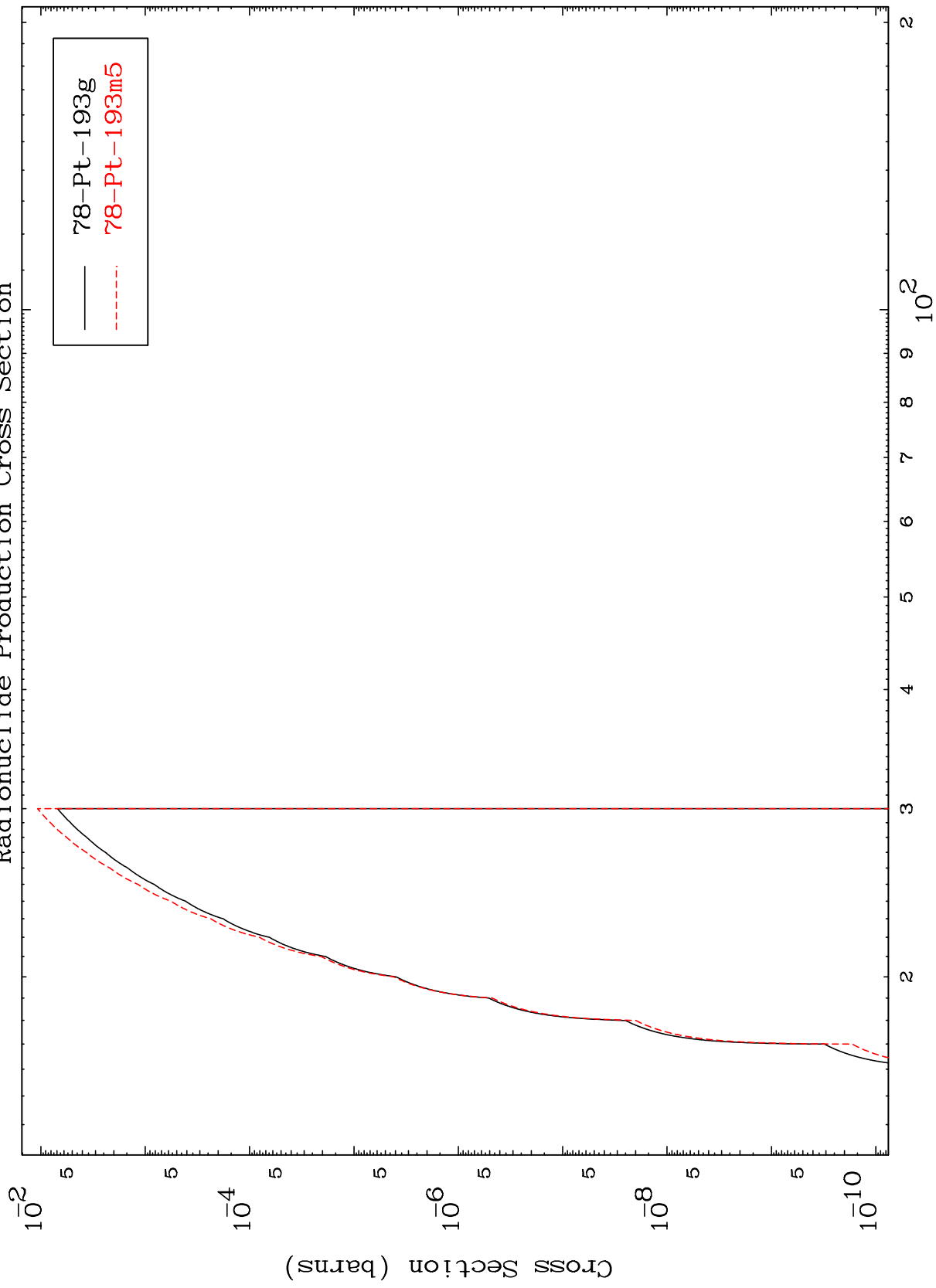
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,2n) p
Radionuclide Production Cross Section



144

Incident Energy (MeV)

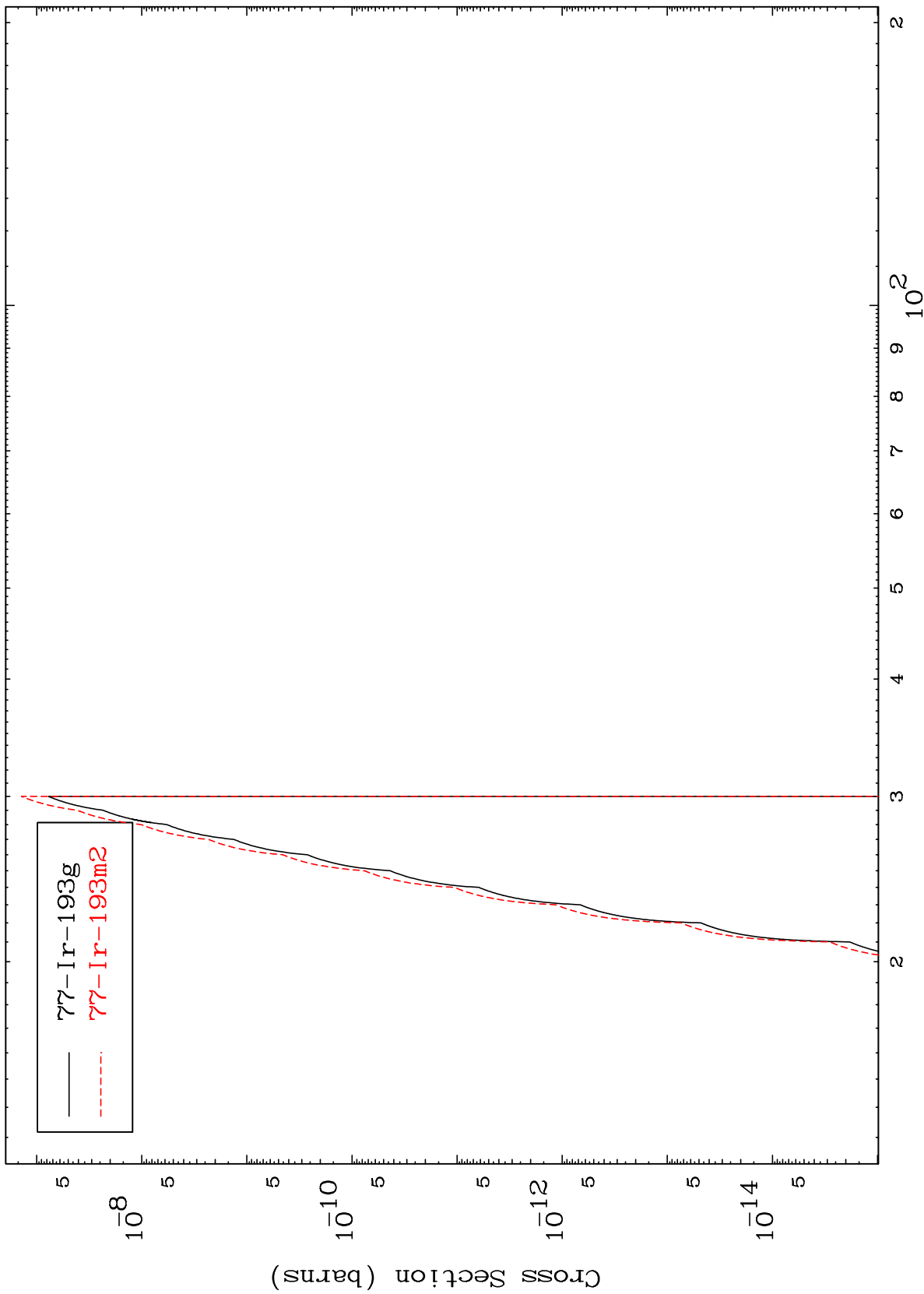
79-Au-195

MAT 7919

(n,2n) p

79-Au-195

Radionuclide Production Cross Section



145

Incident Energy (MeV)

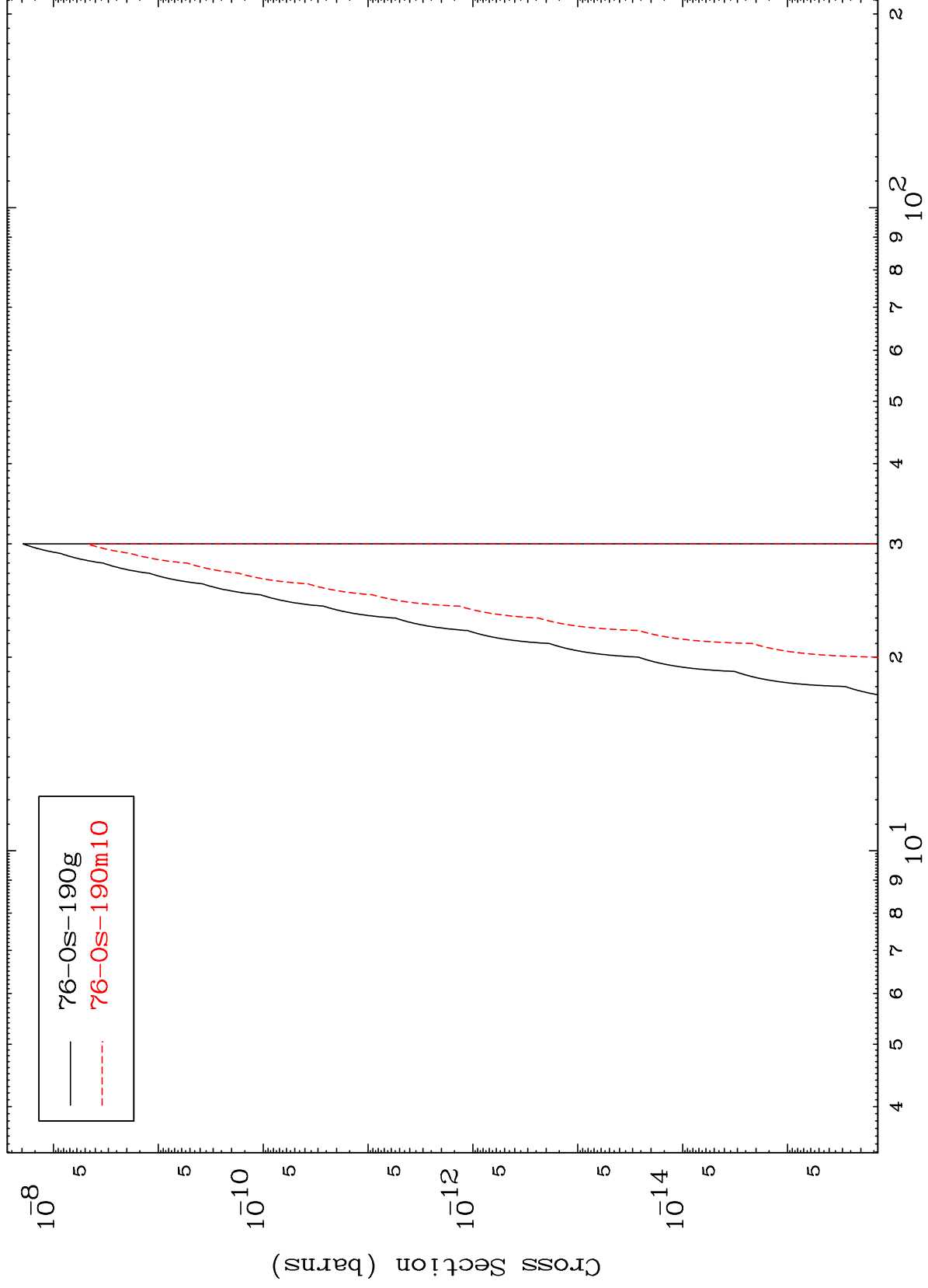
79-Au-195

MAT 7919

(n,n') p α

79-Au-195

Radionuclide Production Cross Section



146

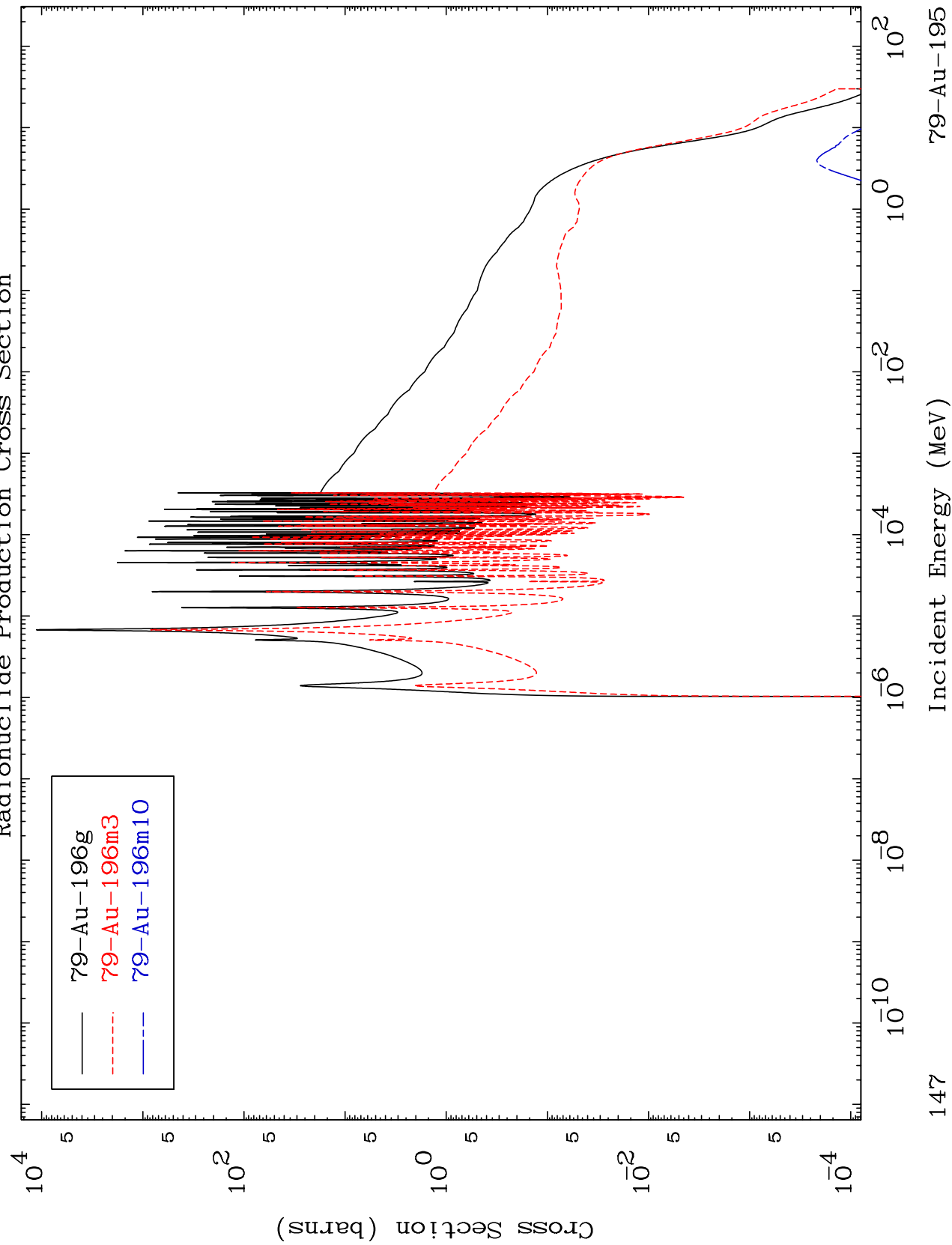
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n, γ)
Radionuclide Production Cross Section



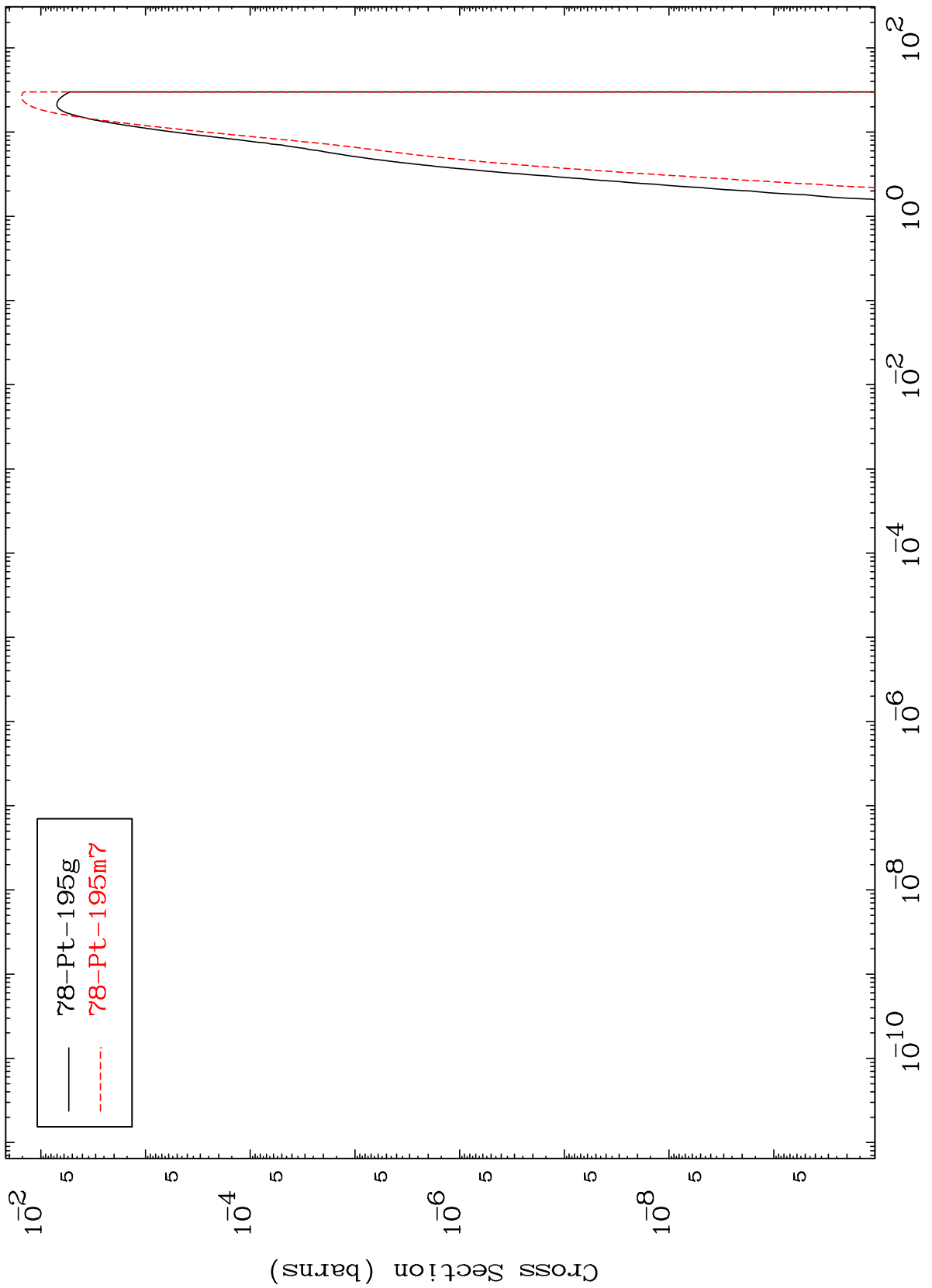
147

79-Au-195

MAT 7919

79-Au-195

(n,p)
Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

79-Au-195

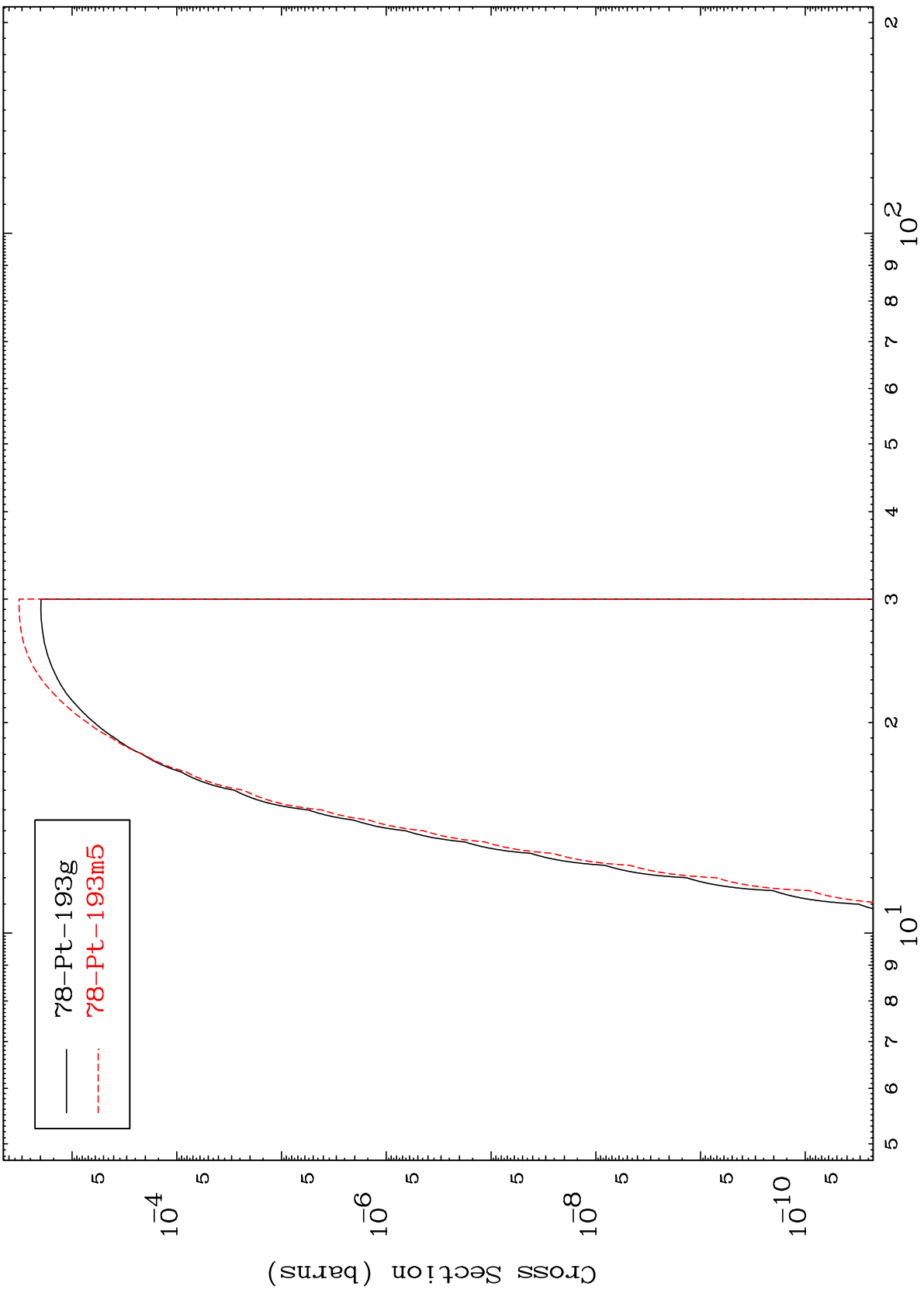
Incident Energy (MeV)

148

MAT 7919

79-Au-195

Radionuclide Production Cross Section (n,t)



149

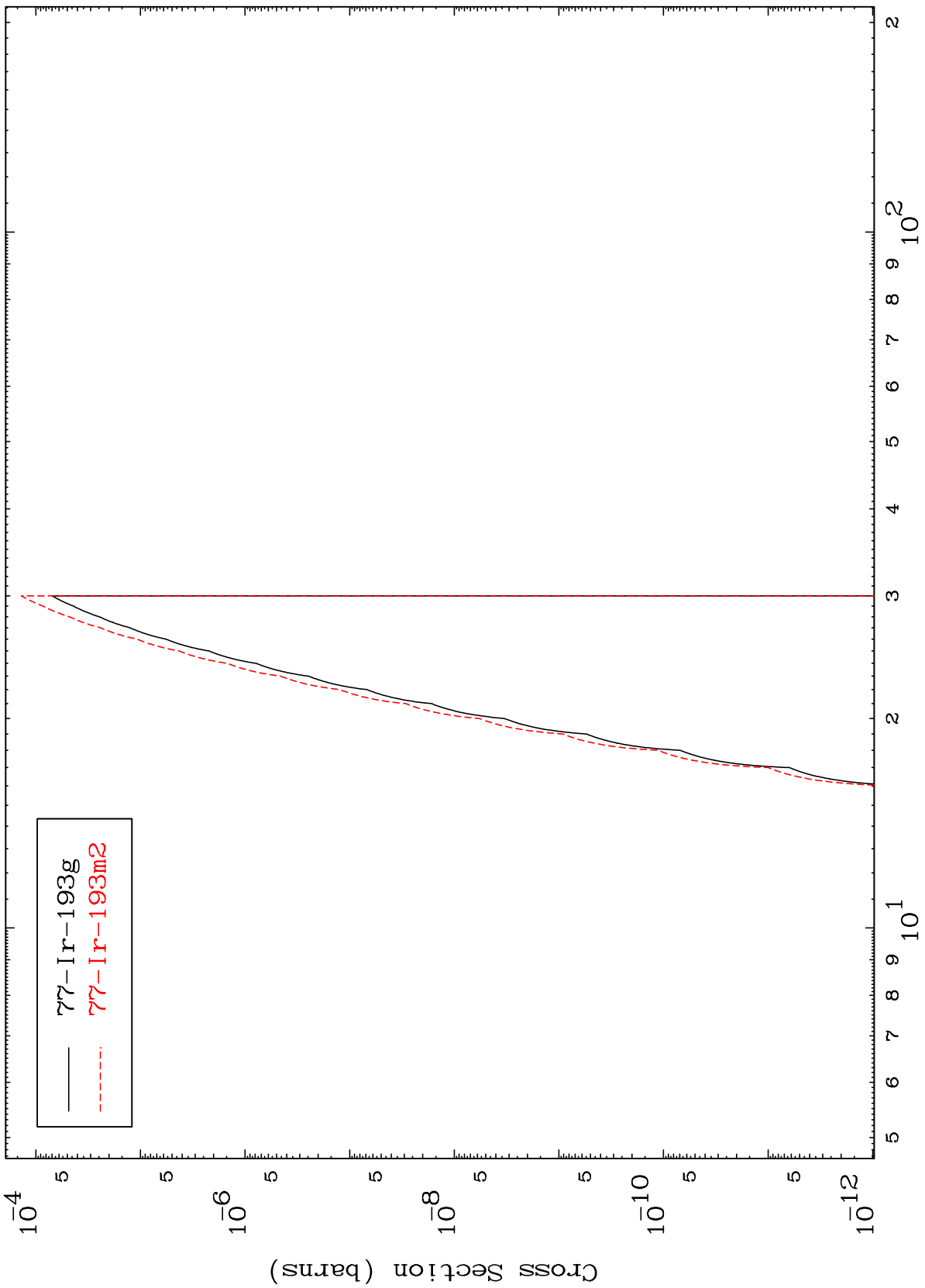
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,He-3)
Radionuclide Production Cross Section



— $^{77}\text{Ir-193g}$
- - - $^{77}\text{Ir-193m2}$

150

Incident Energy (MeV)

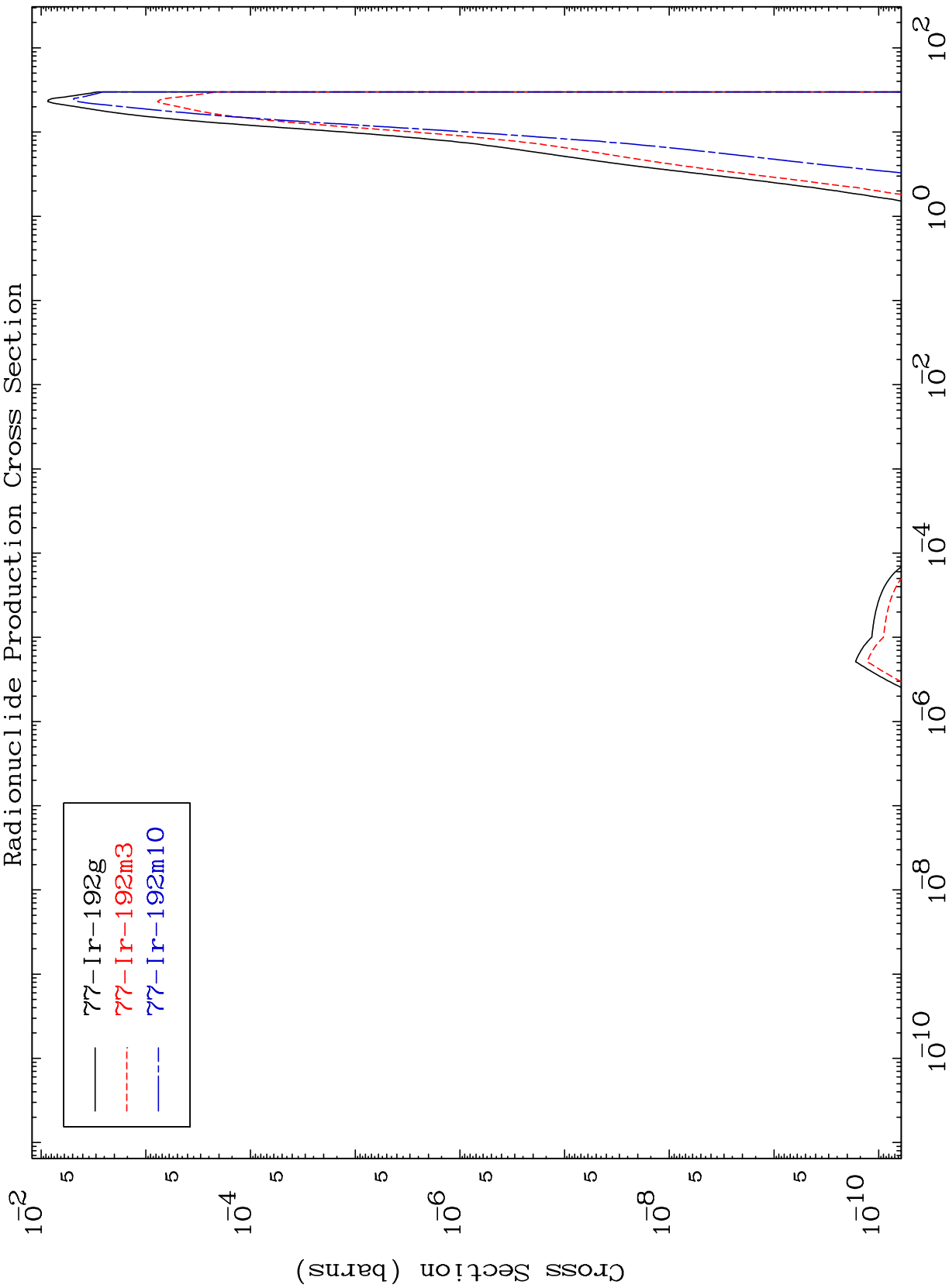
79-Au-195

MAT 7919

(n, α)

79-Au-195

Radionuclide Production Cross Section



151

Incident Energy (MeV)

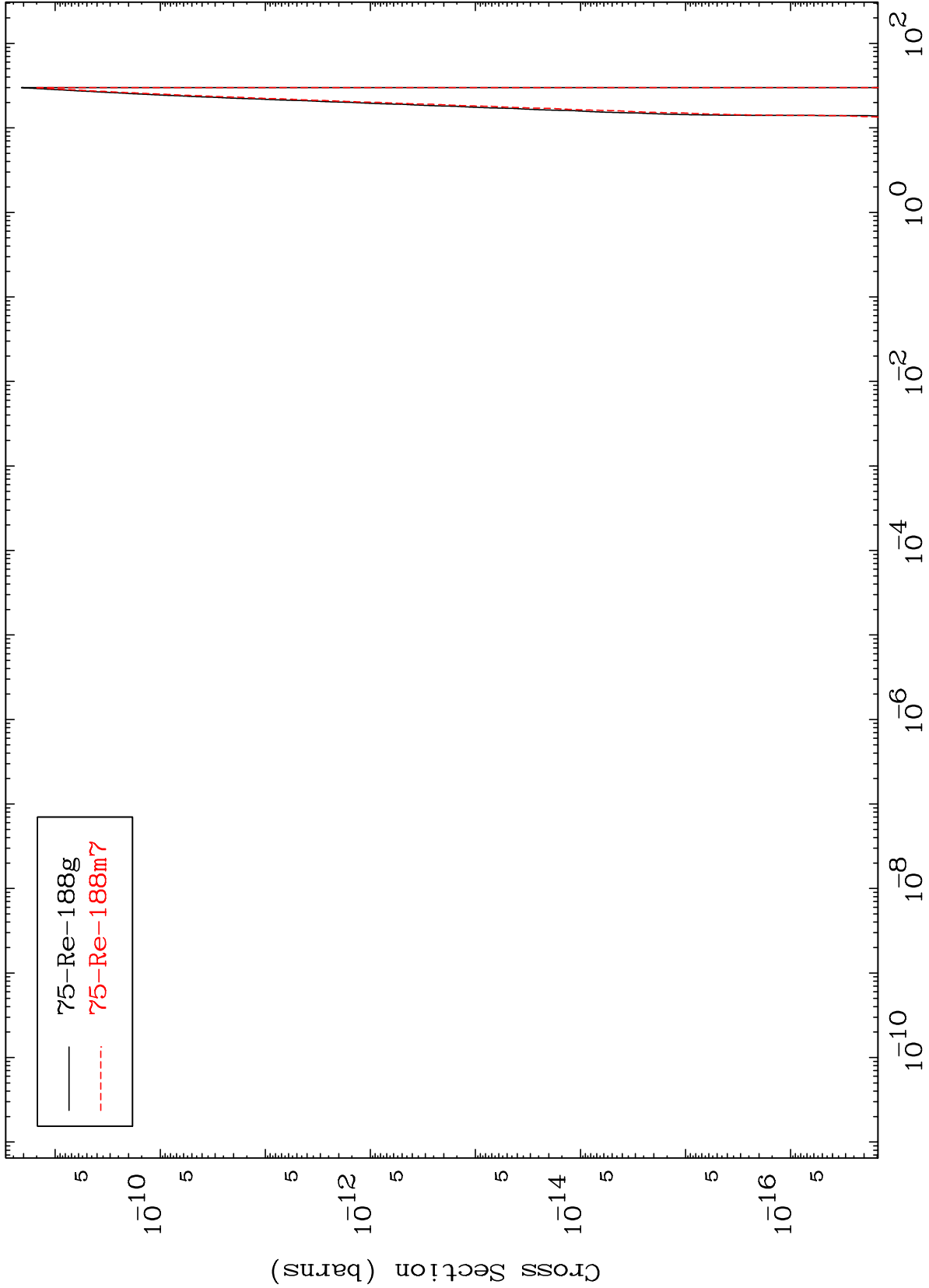
79-Au-195

MAT 7919

(n,2α)

⁷⁹Au-195

Radionuclide Production Cross Section

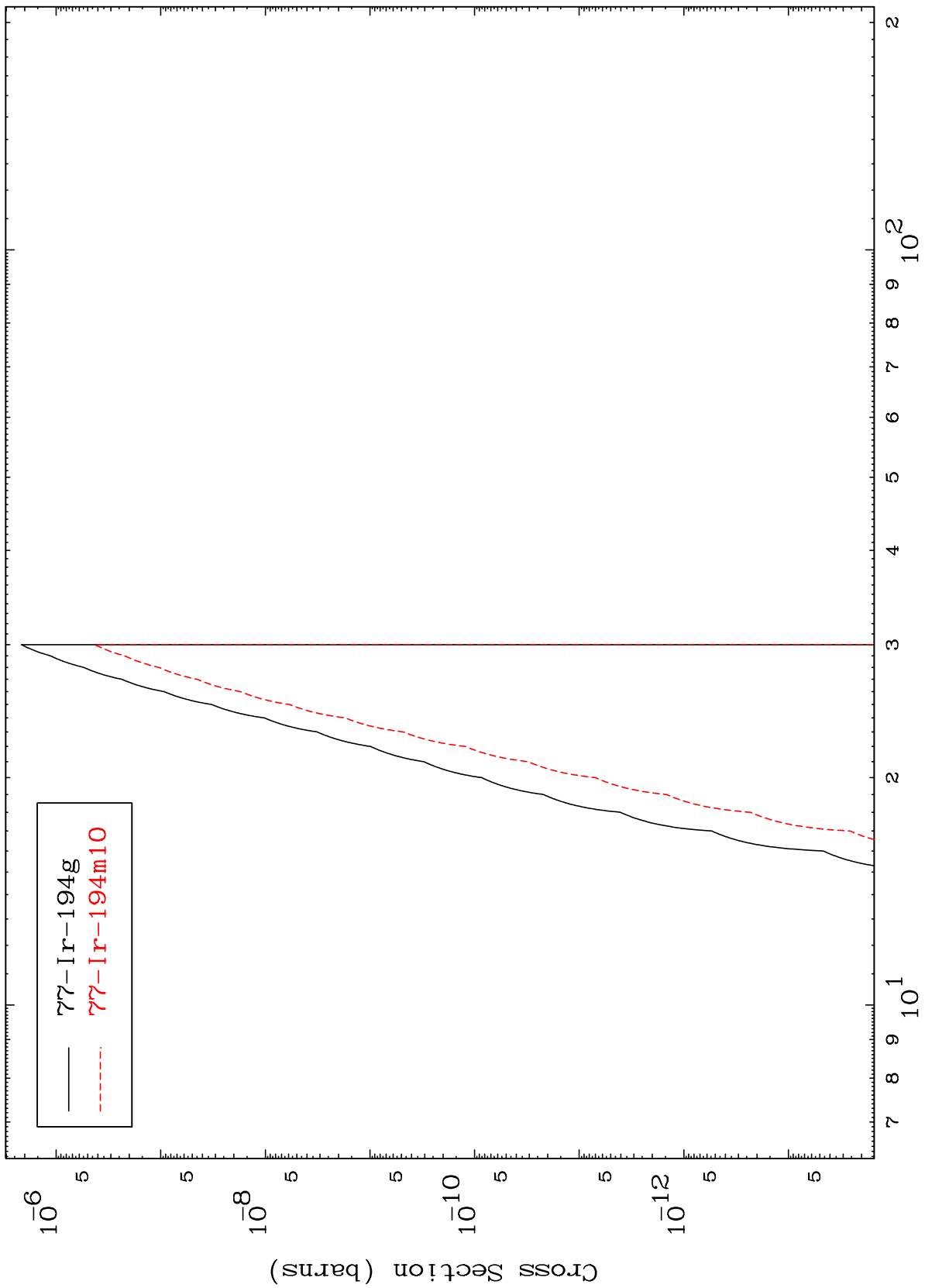


— 75-Re-188g
- - - 75-Re-188m7

MAT 7919

79-Au-195

(n,2p)
Radionuclide Production Cross Section



— $^{77}\text{Ir-194g}$
- - - $^{77}\text{Ir-194m10}$

153

Incident Energy (MeV)

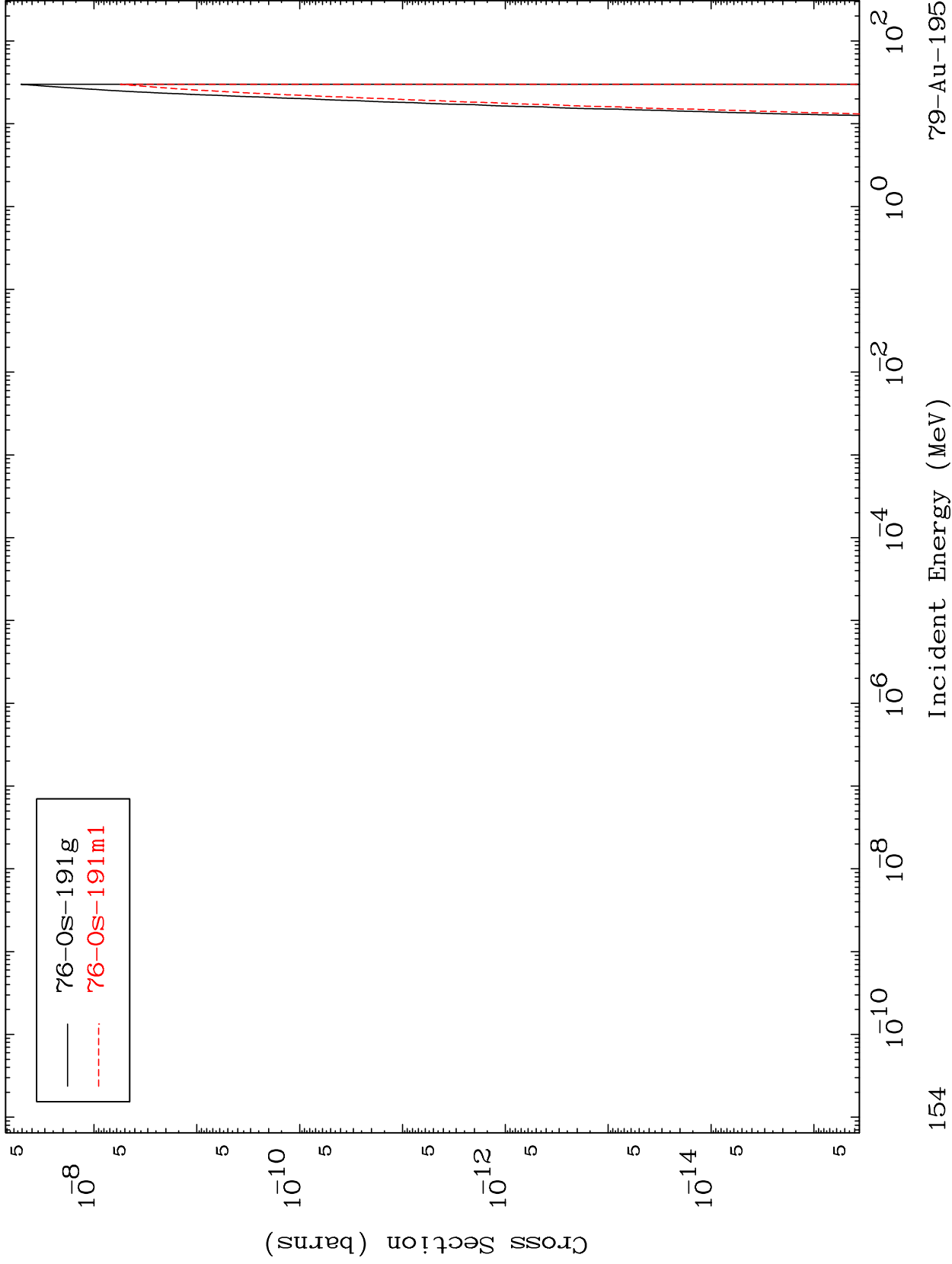
79-Au-195

MAT 7919

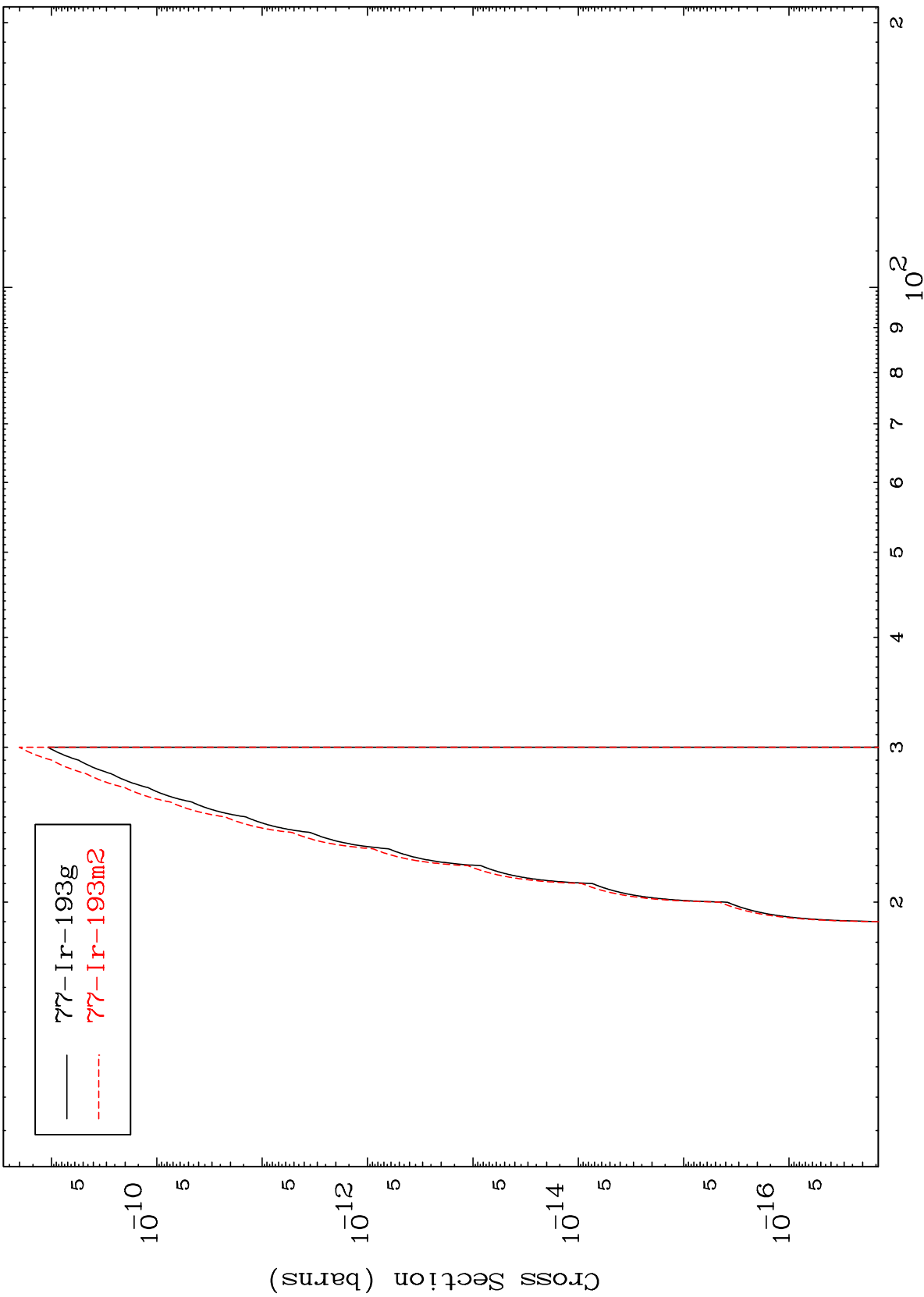
(n,p) α

79-Au-195

Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

