

Program EVALPLOT
(Version 2017-1)

by

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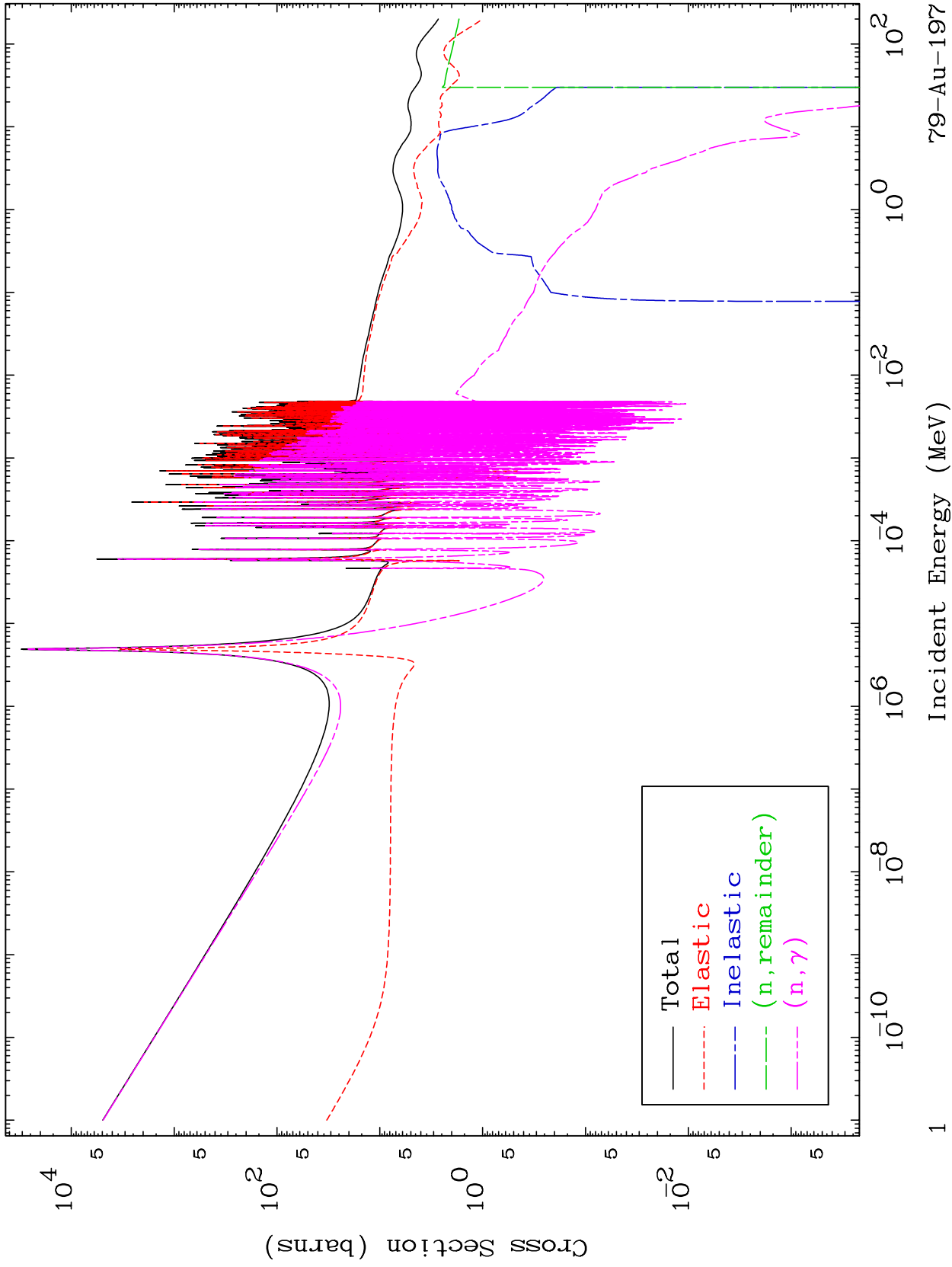
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Press Mouse Button to Start

MAT 7925

Major
293 Kelvin Cross Sections

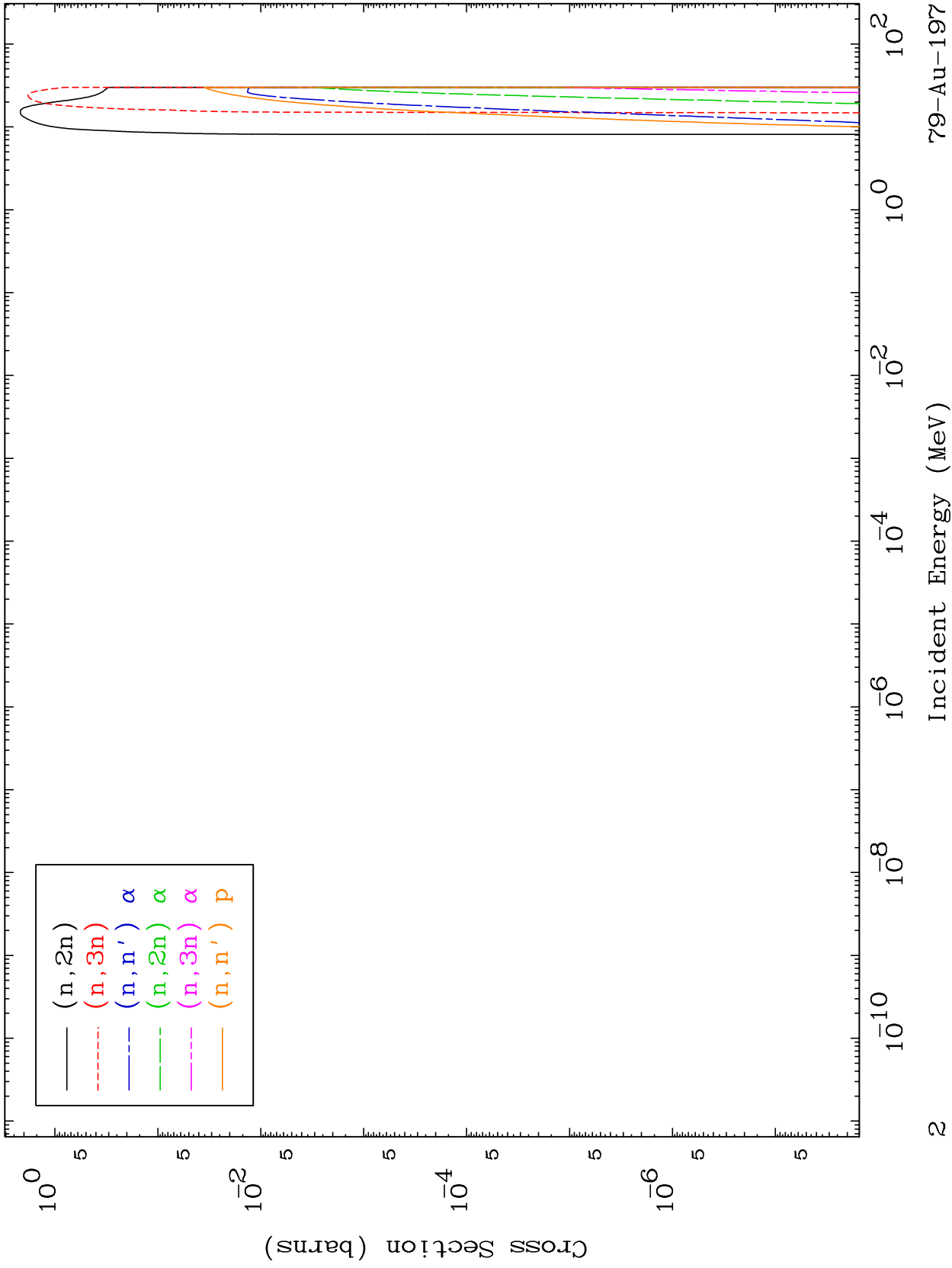
79-Au-197

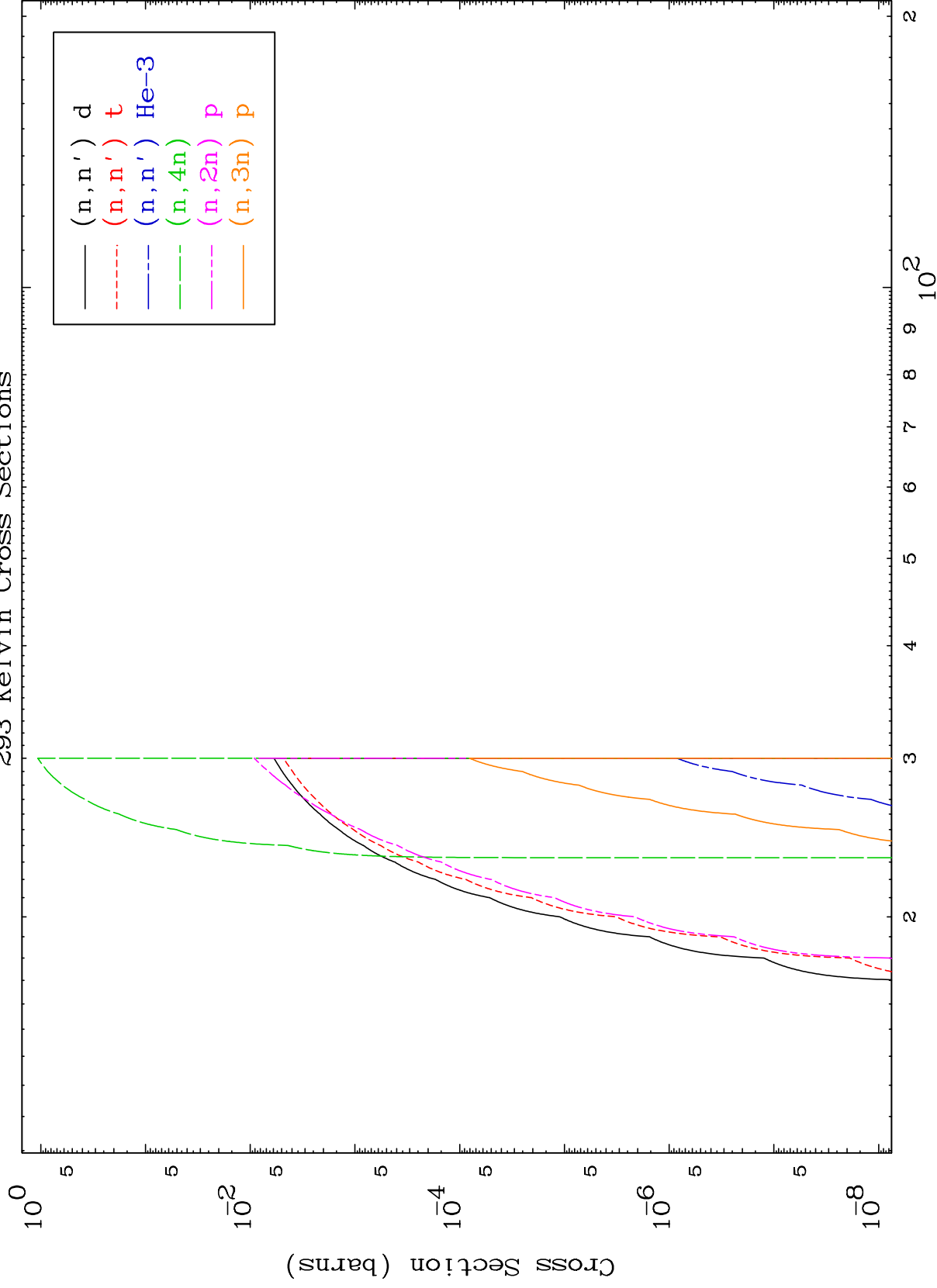


MAT 7925

Neutron Production
293 Kelvin Cross Sections

79-Au-197

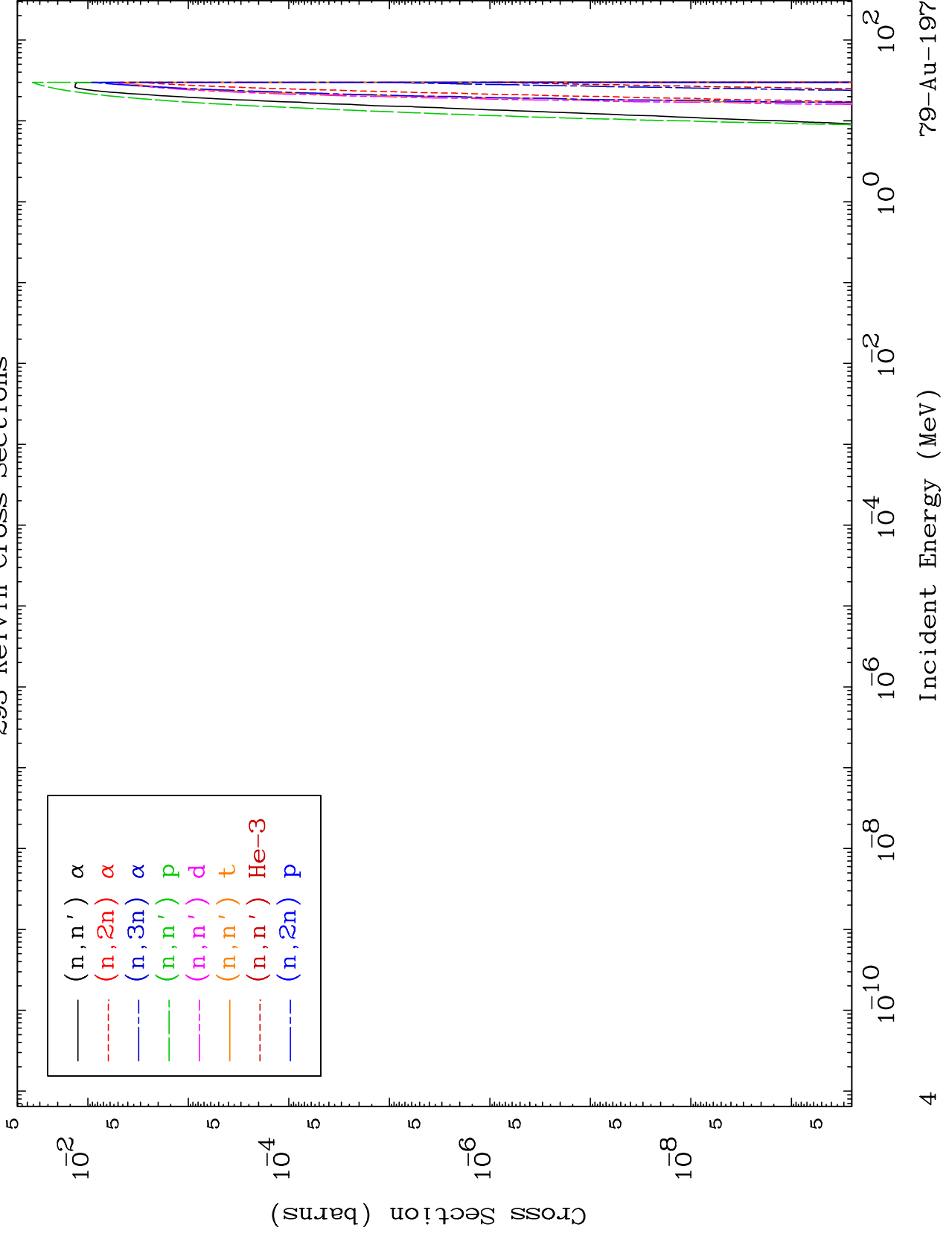




MAT 7925

Charged Particle
293 Kelvin Cross Sections

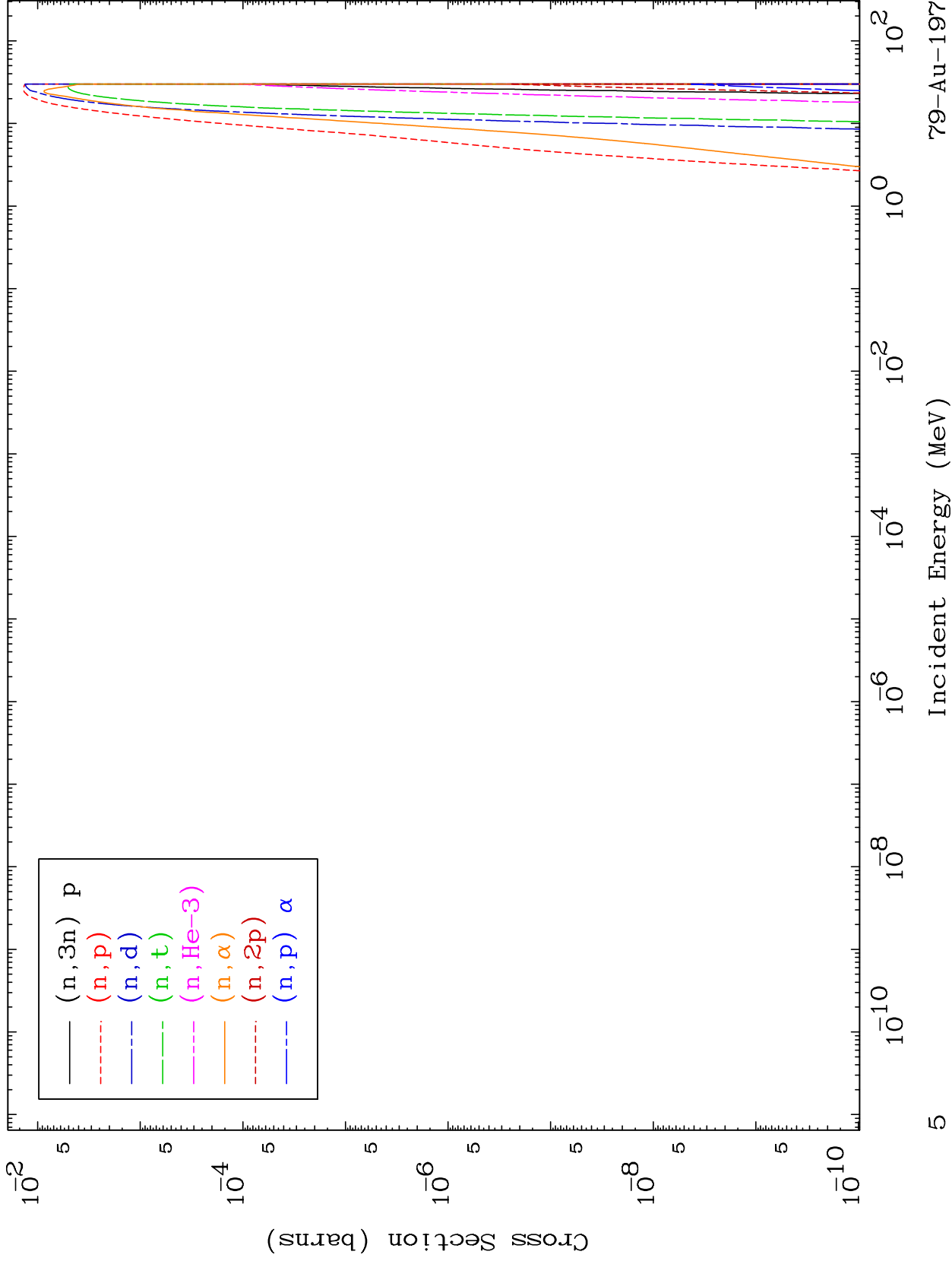
79-Au-197

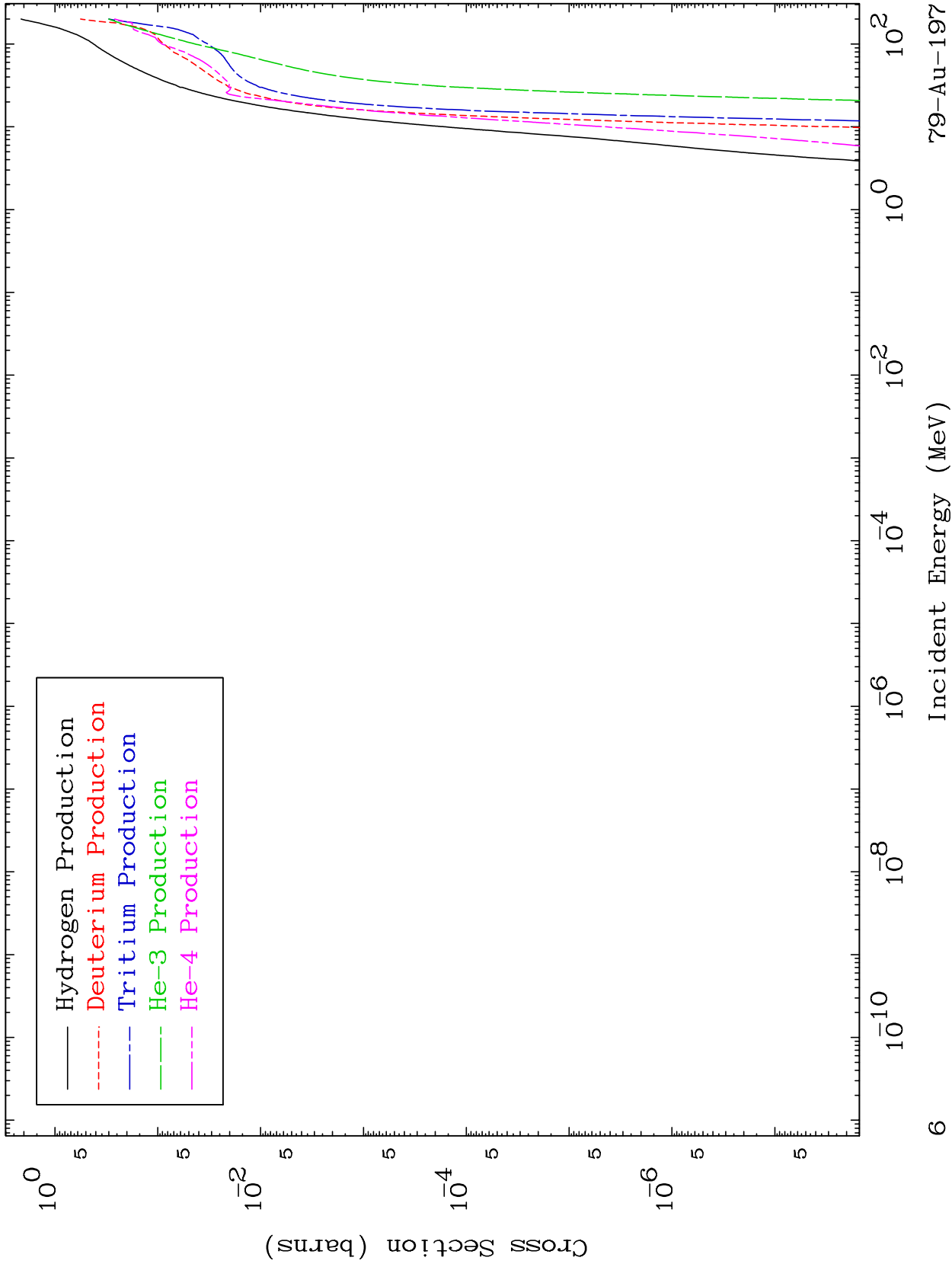


MAT 7925

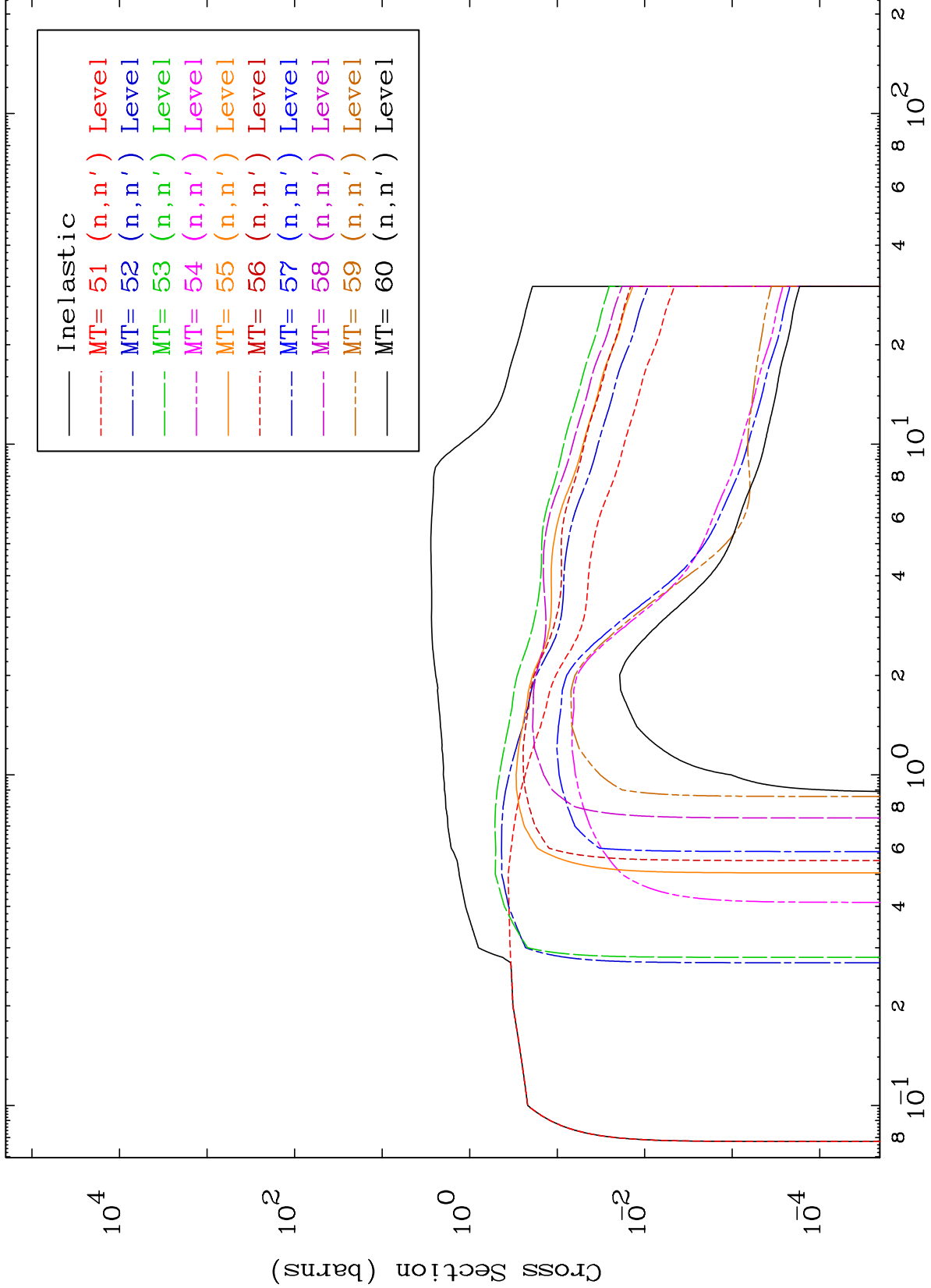
Charged Particle
293 Kelvin Cross Sections

79-Au-197





293 Kelvin Cross Sections

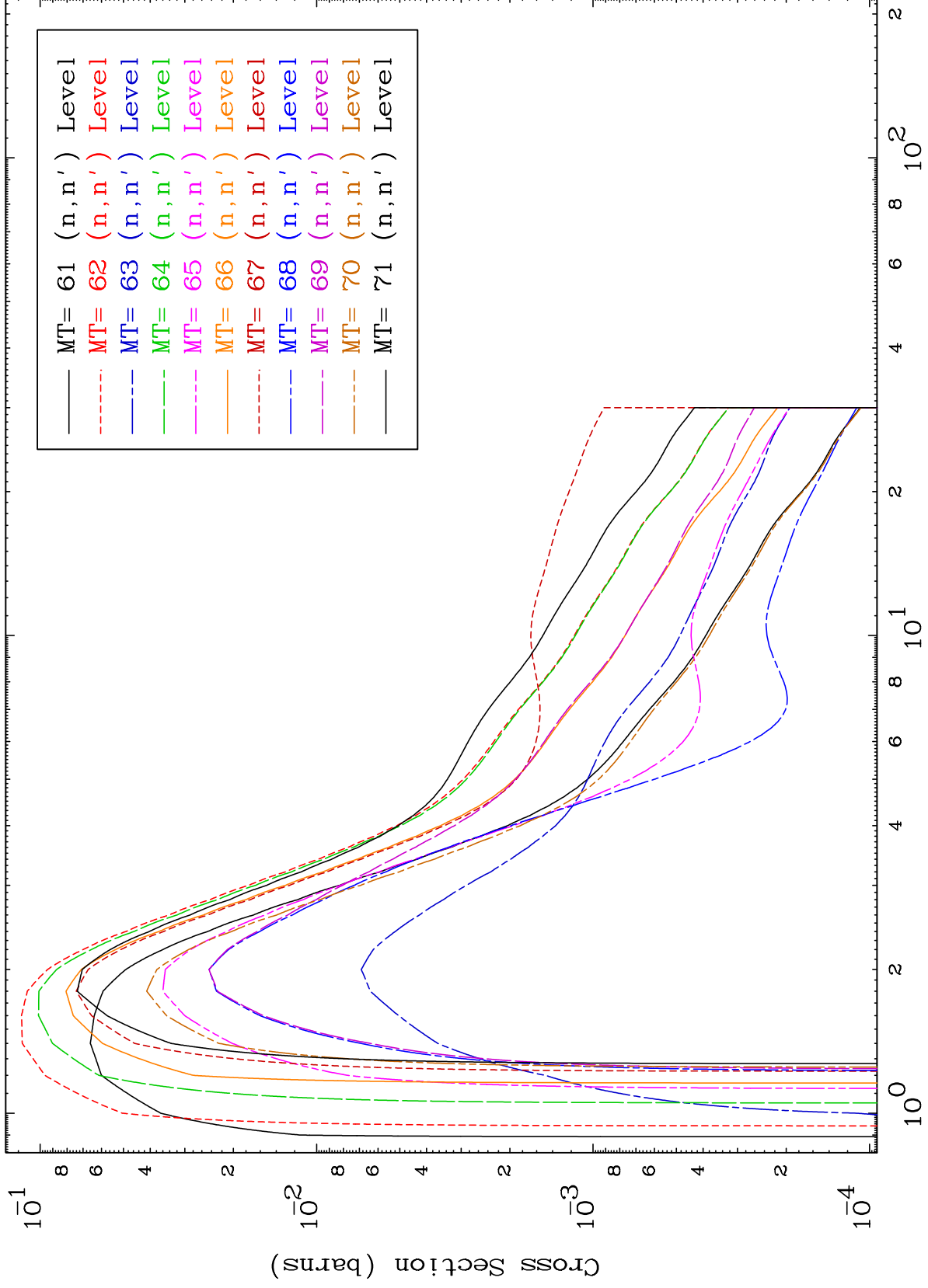


MAT 7925

(n,n') Level

79-Au-197

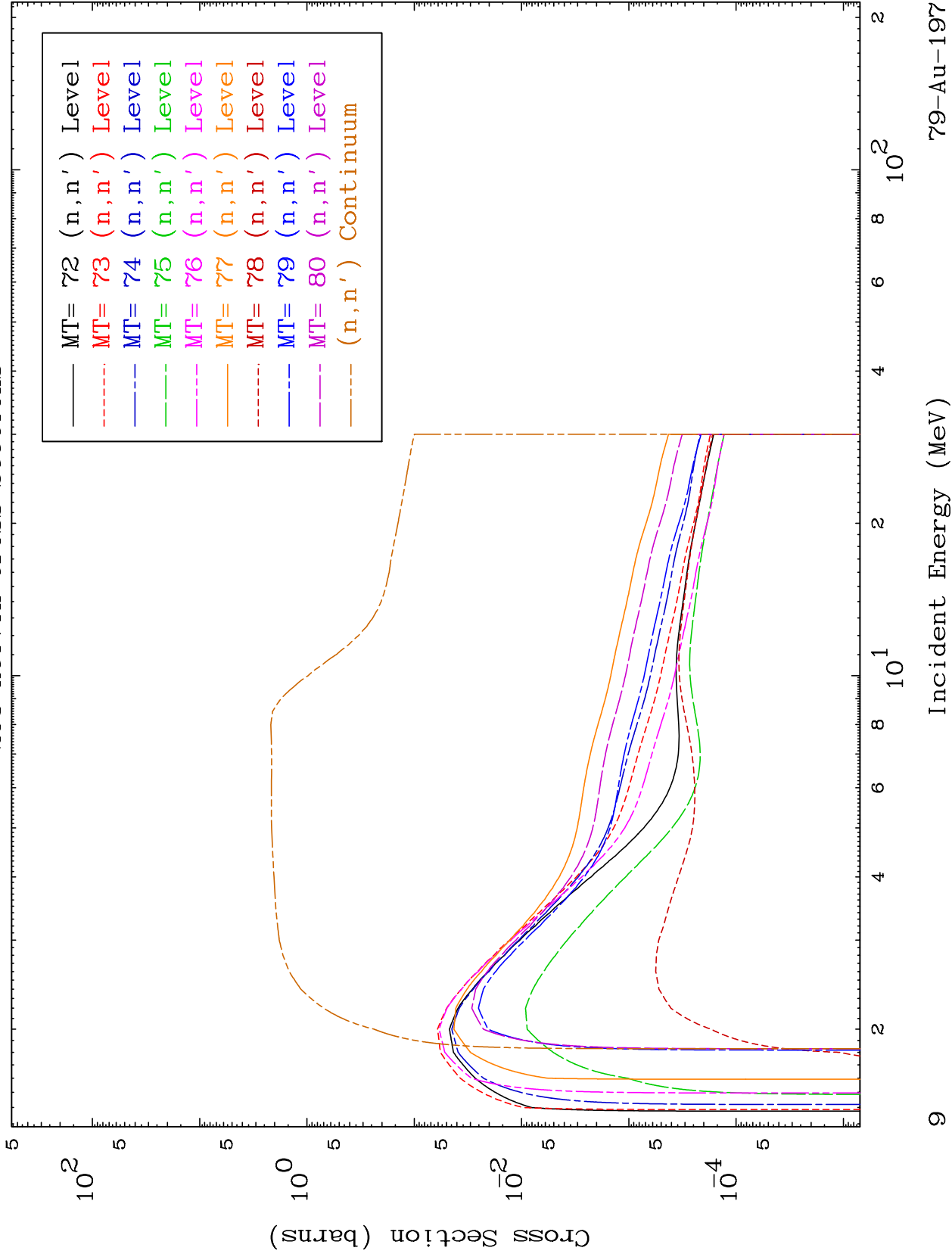
293 Kelvin Cross Sections



Incident Energy (MeV)

79-Au-197

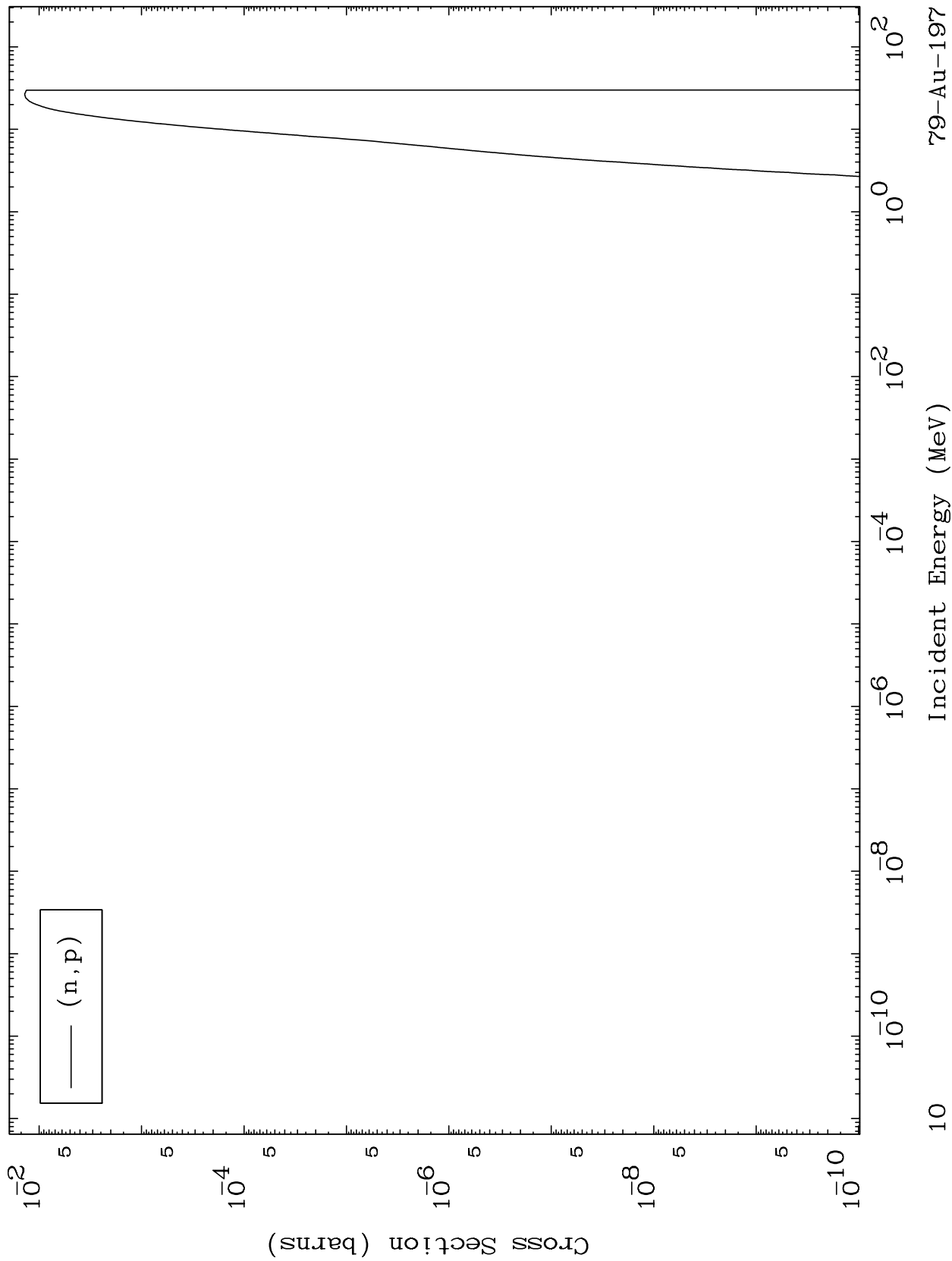
293 Kelvin Cross Sections



MAT 7925

(n,p) Levels
293 Kelvin Cross Sections

79-Au-197



10

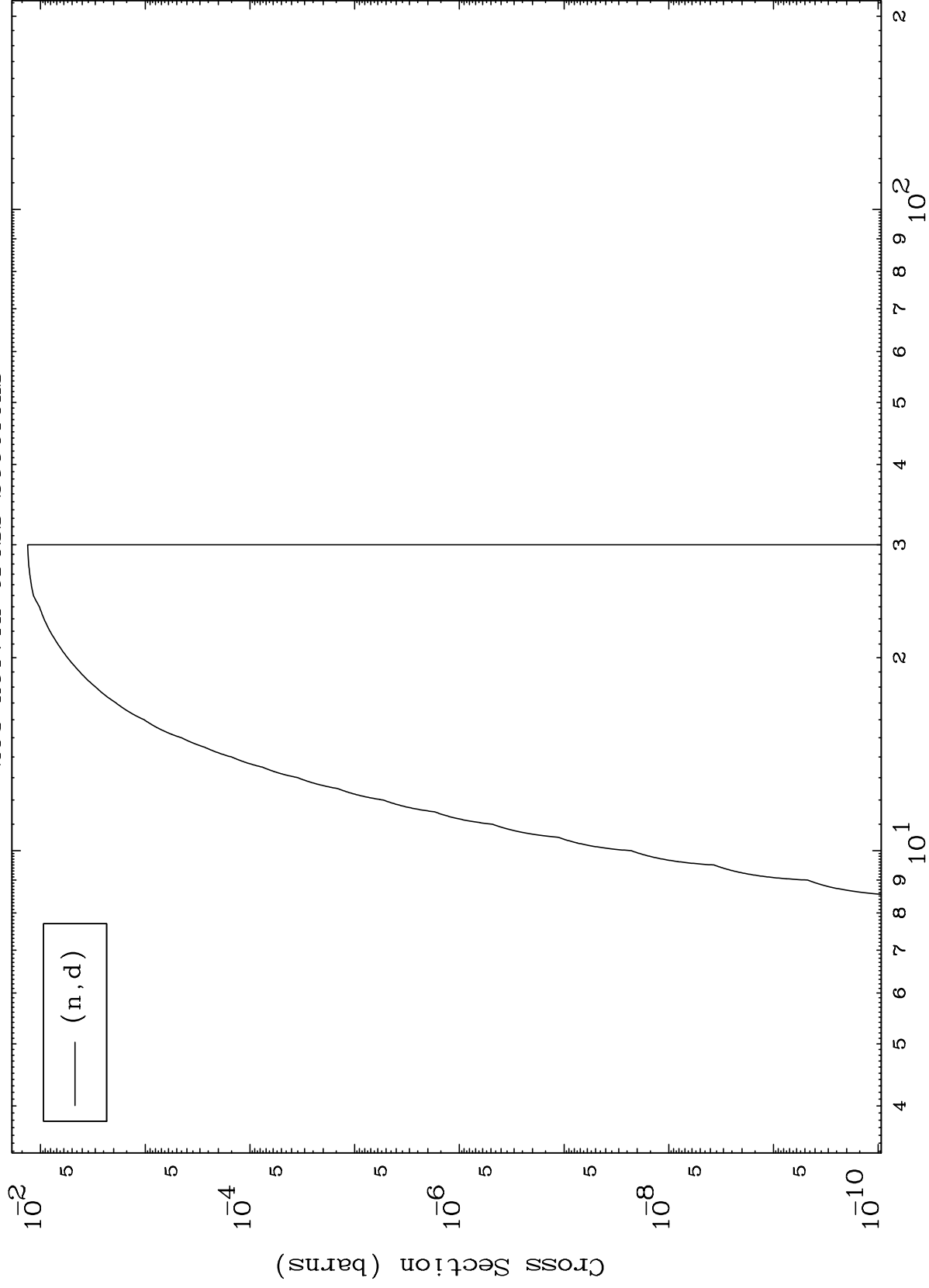
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,d) Levels
293 Kelvin Cross Sections

79-Au-197



11

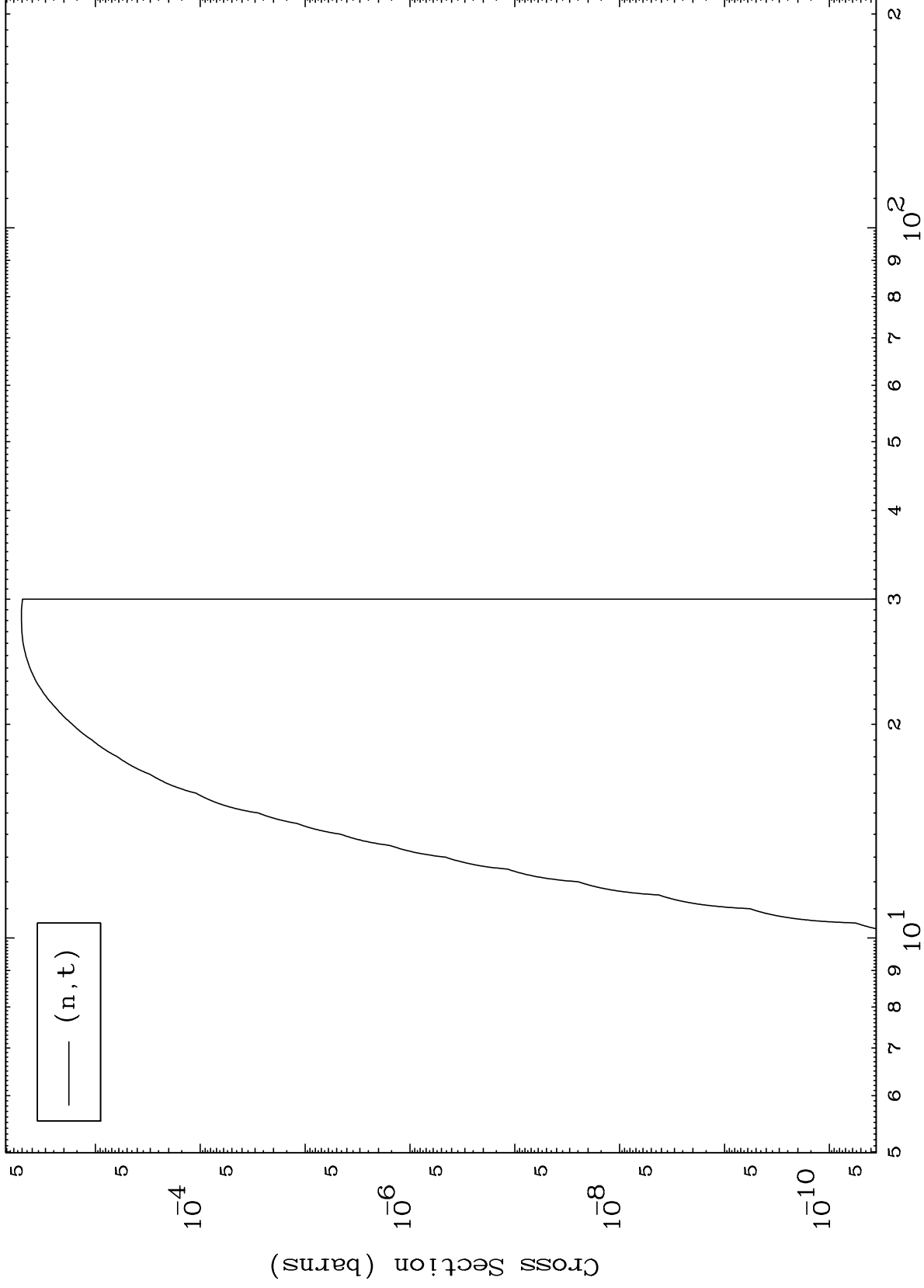
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,t) Levels
293 Kelvin Cross Sections

79-Au-197



12

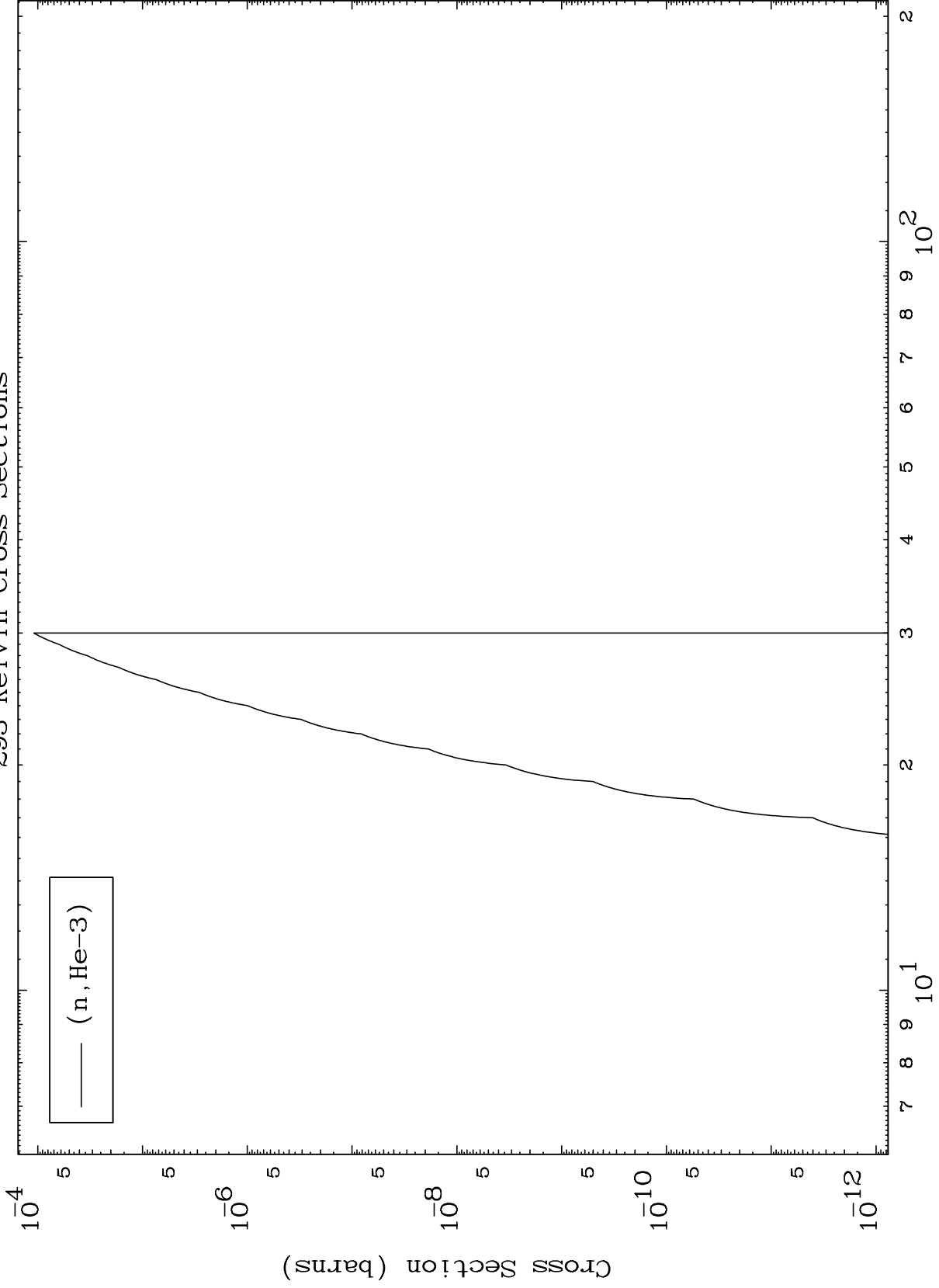
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-197



13

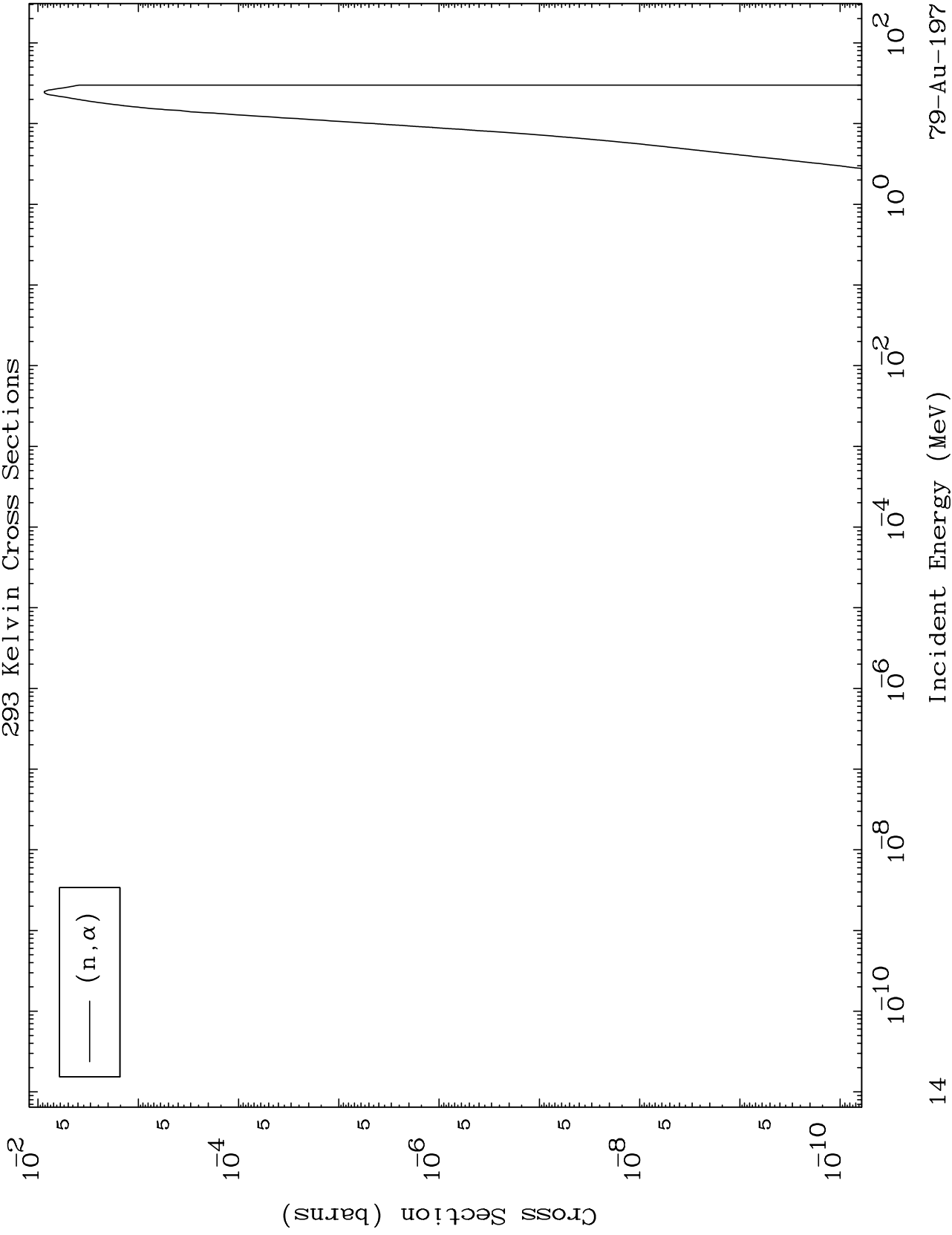
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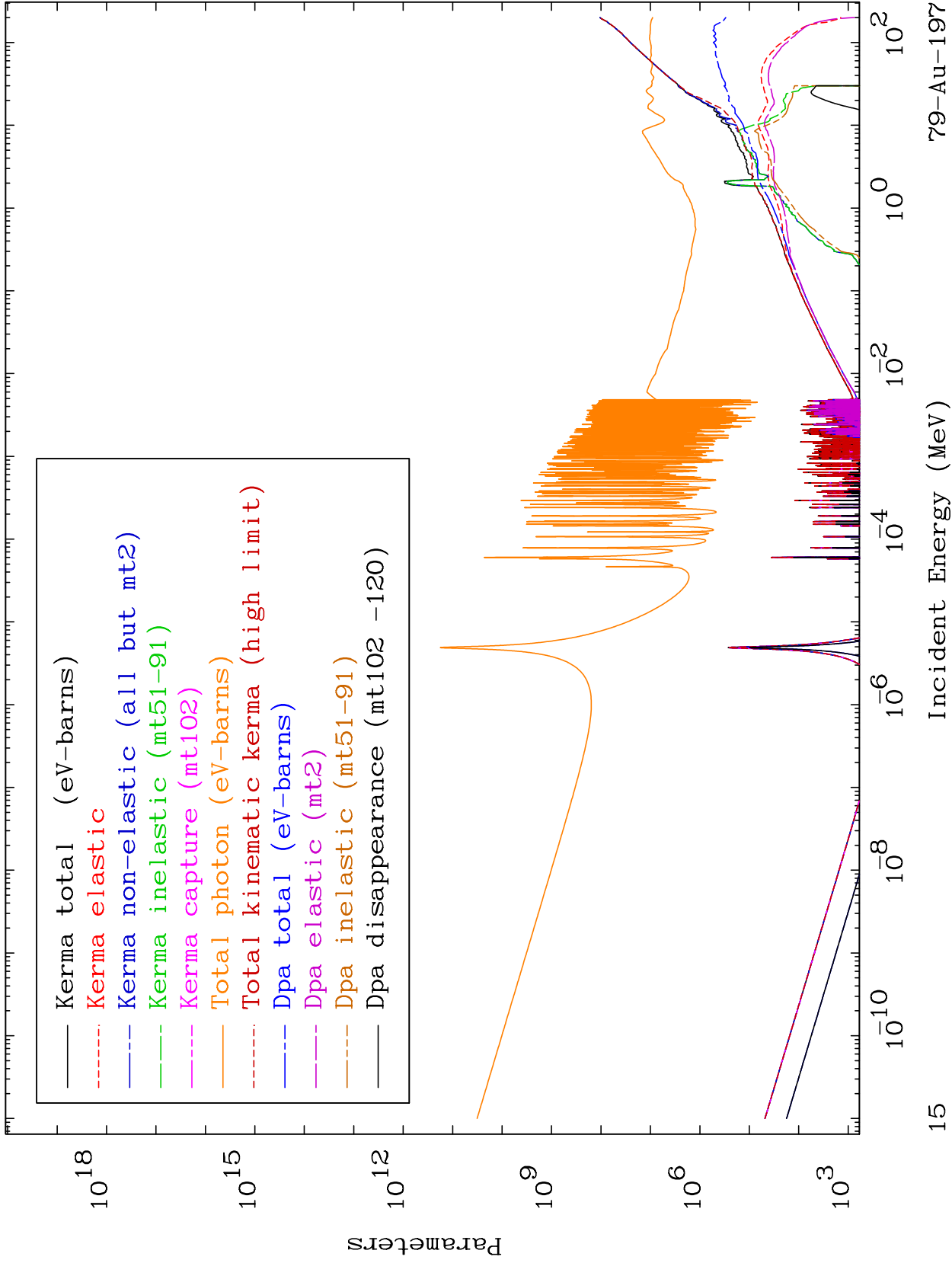
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MAT 7925

(n, α) Levels
293 Kelvin Cross Sections

79-Au-197

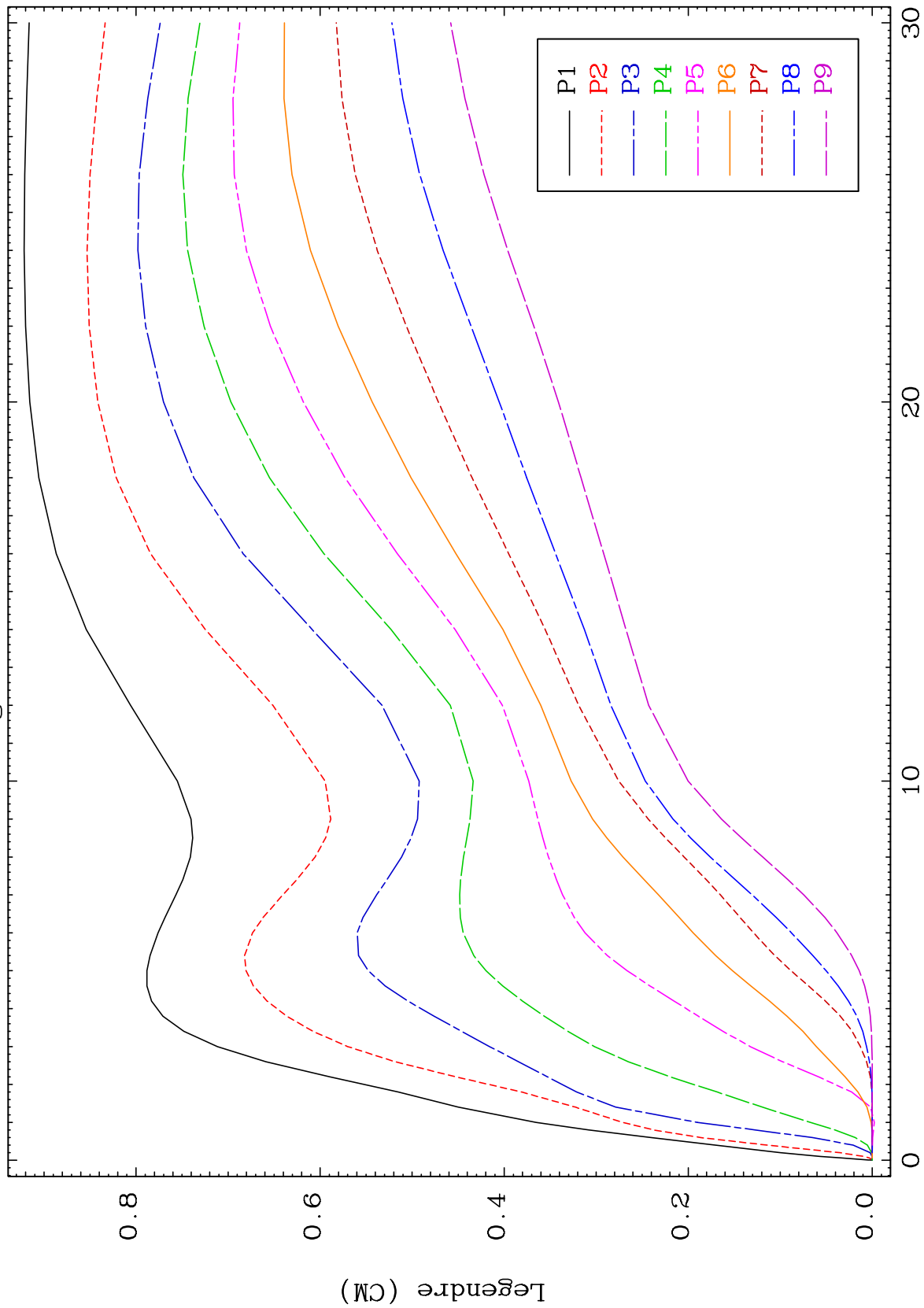




MAT 7925

Elastic Legendre Coefficients

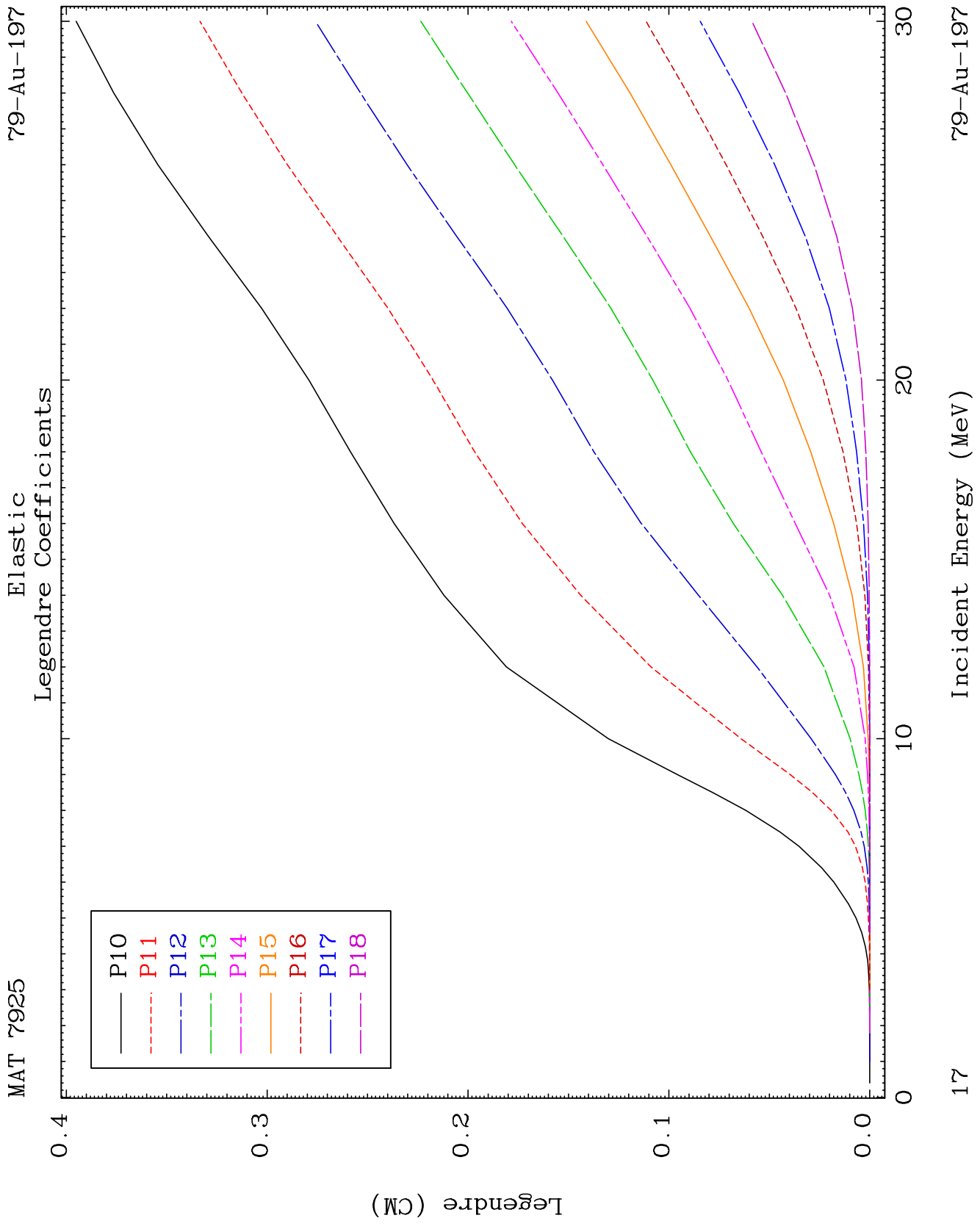
79-Au-197



16

Incident Energy (MeV)

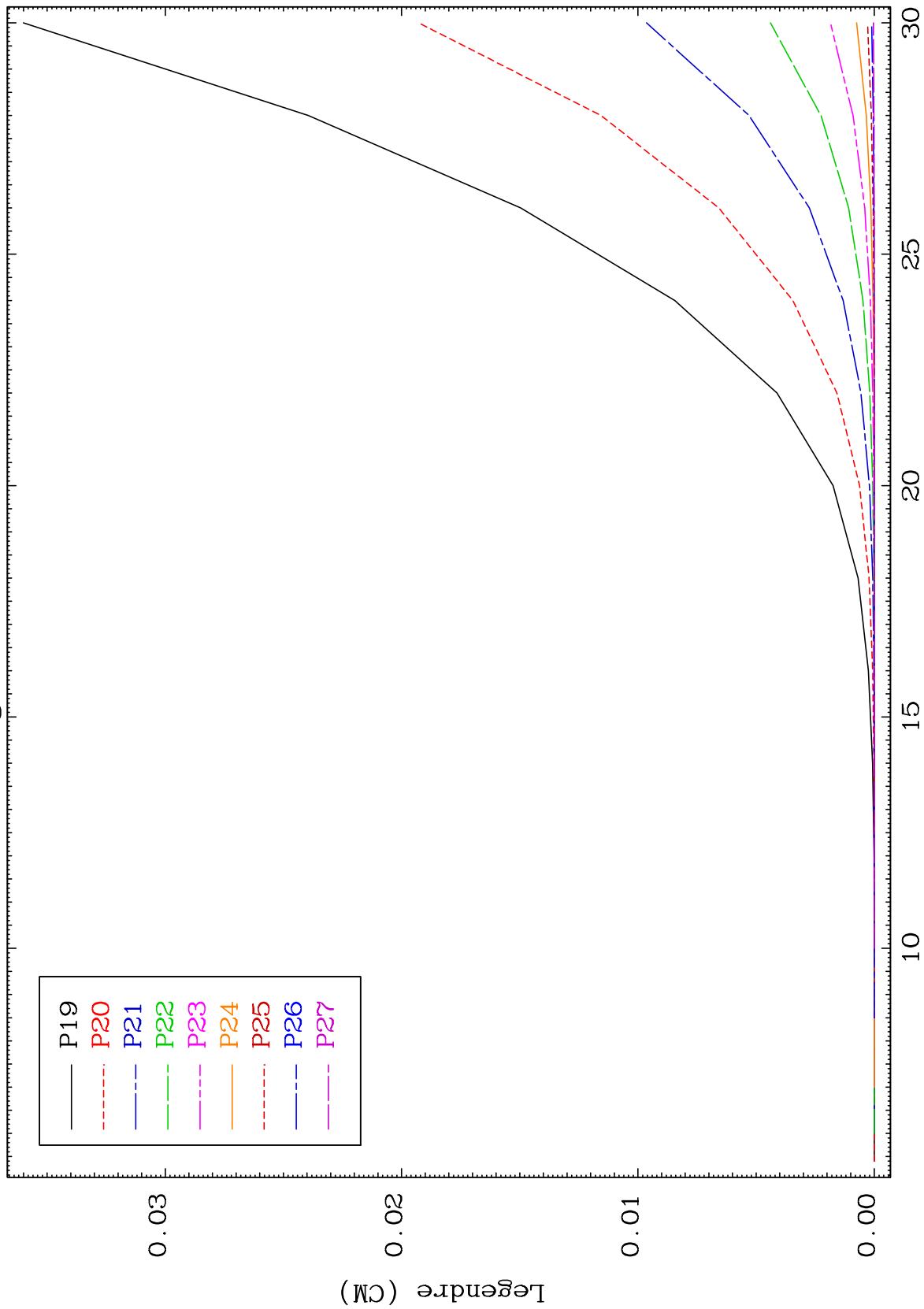
79-Au-197



MAT 7925

Elastic Legendre Coefficients

79-Au-197



18

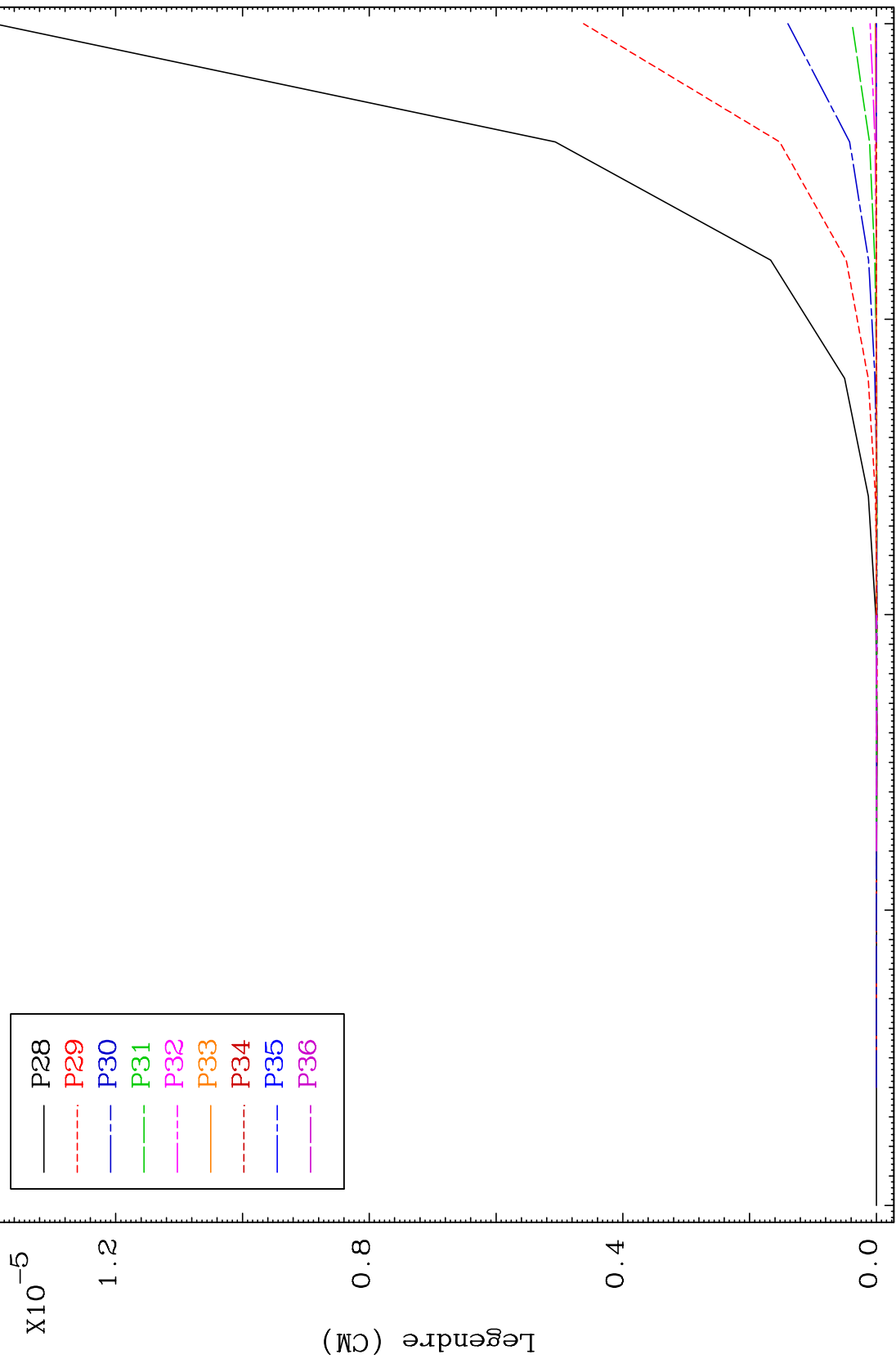
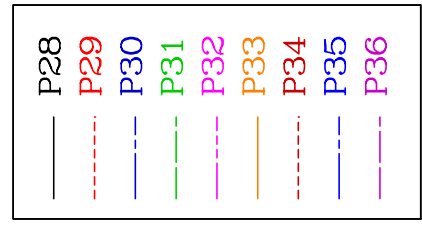
Incident Energy (MeV)

79-Au-197

MAT 7925

Elastic Legendre Coefficients

79-Au-197



79-Au-197

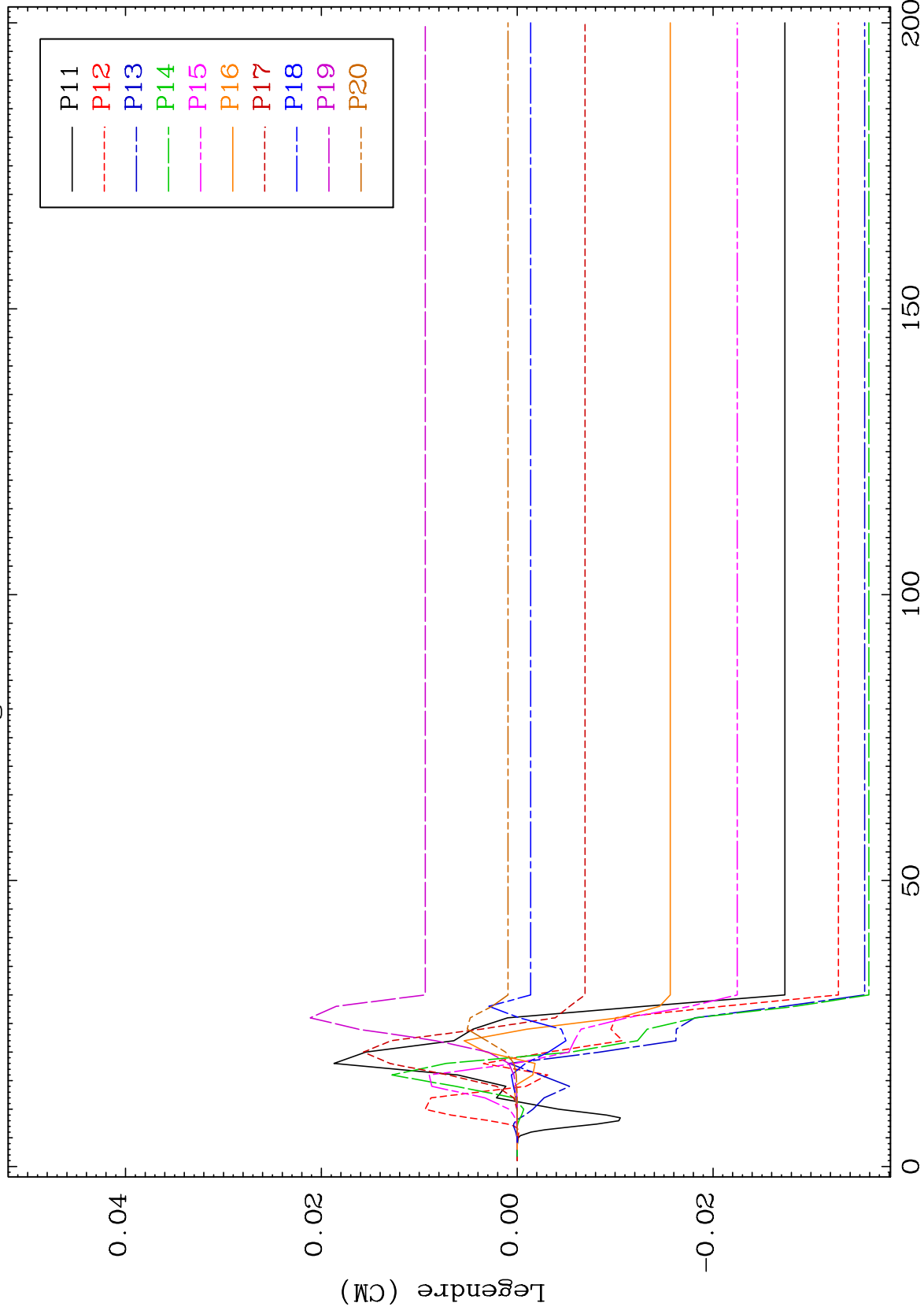
Incident Energy (MeV)

19

MAT 7925

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

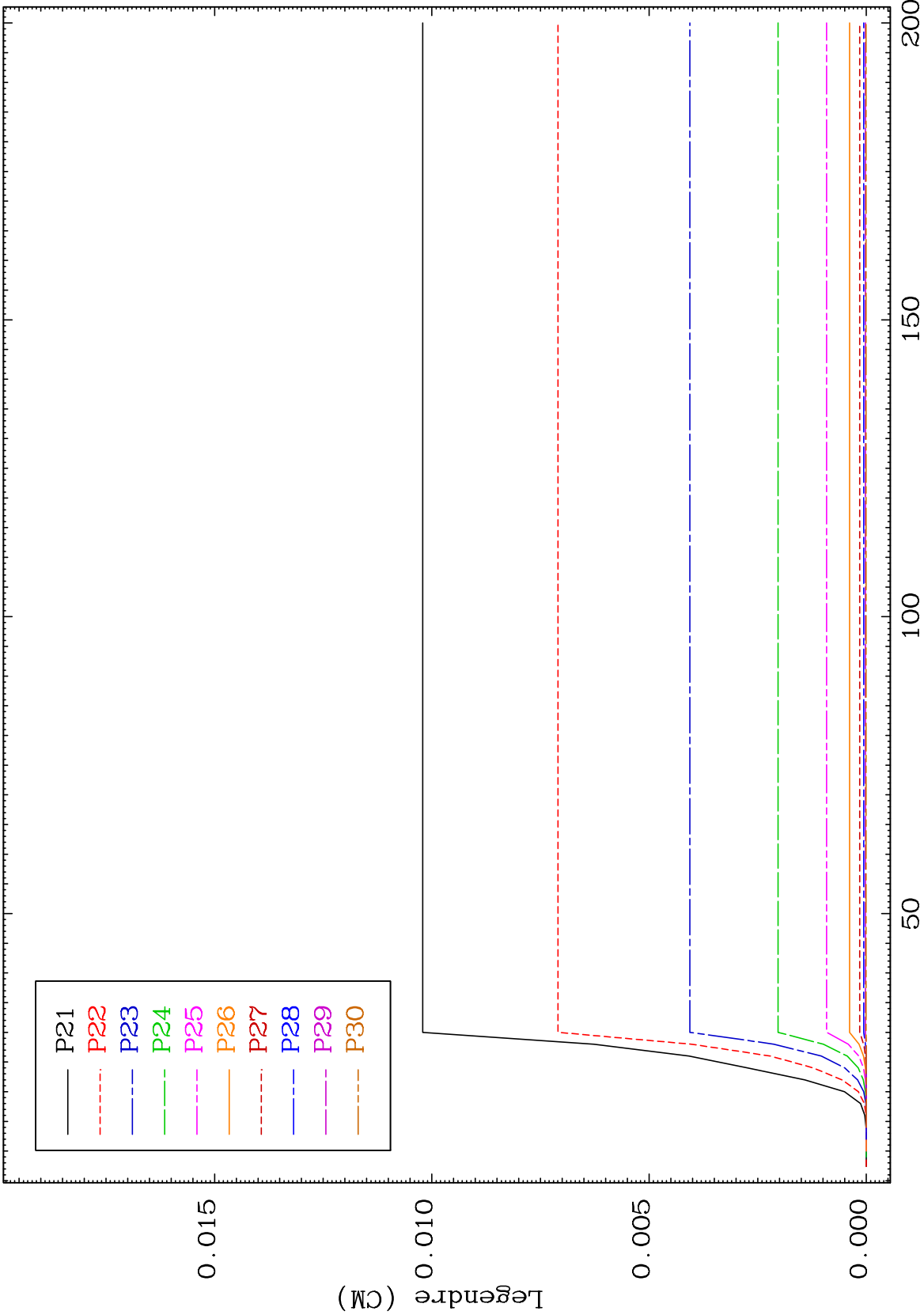
79-Au-197



21

Incident Energy (MeV)

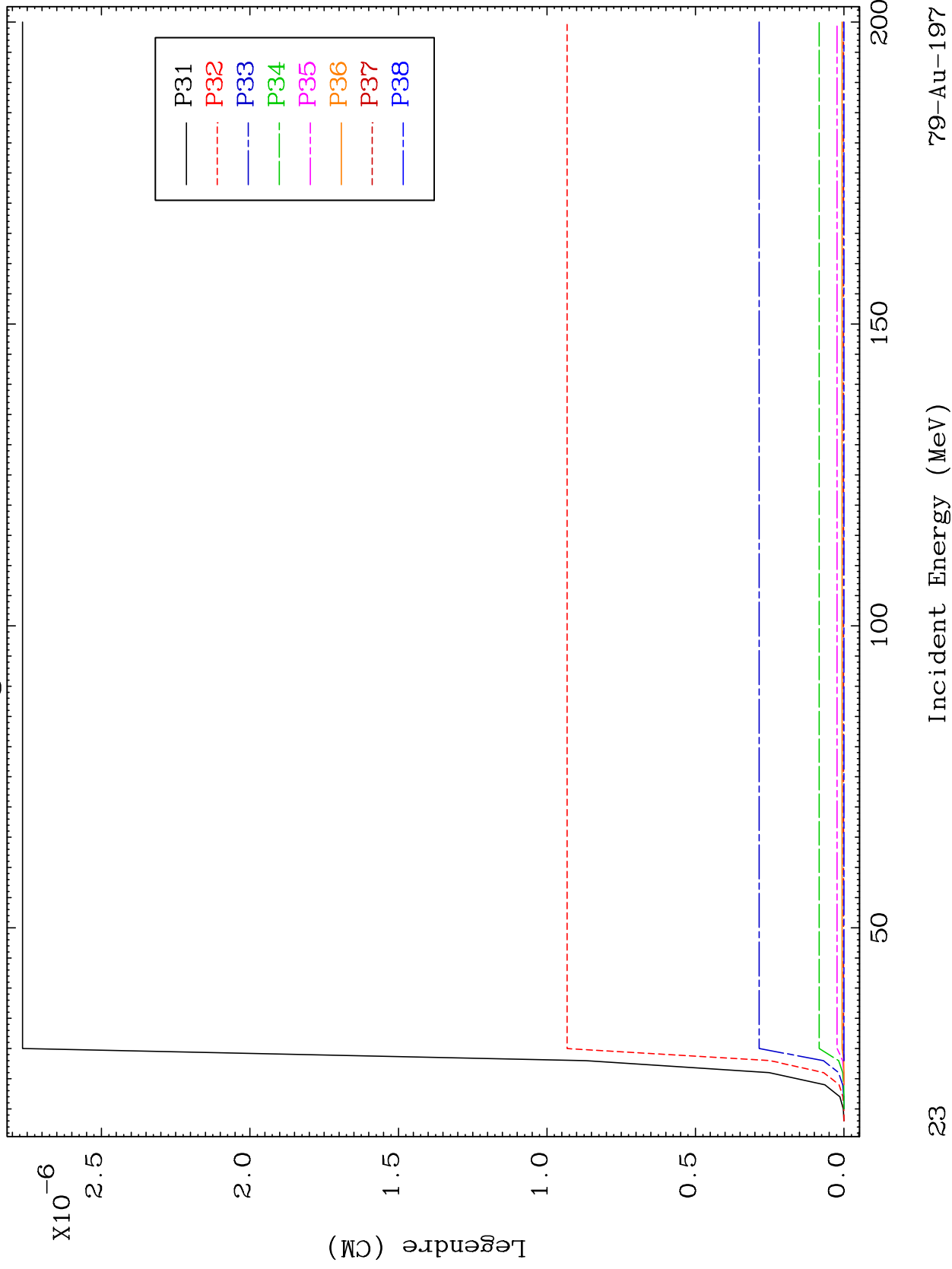
79-Au-197



MAT 7925

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

79-Au-197



23

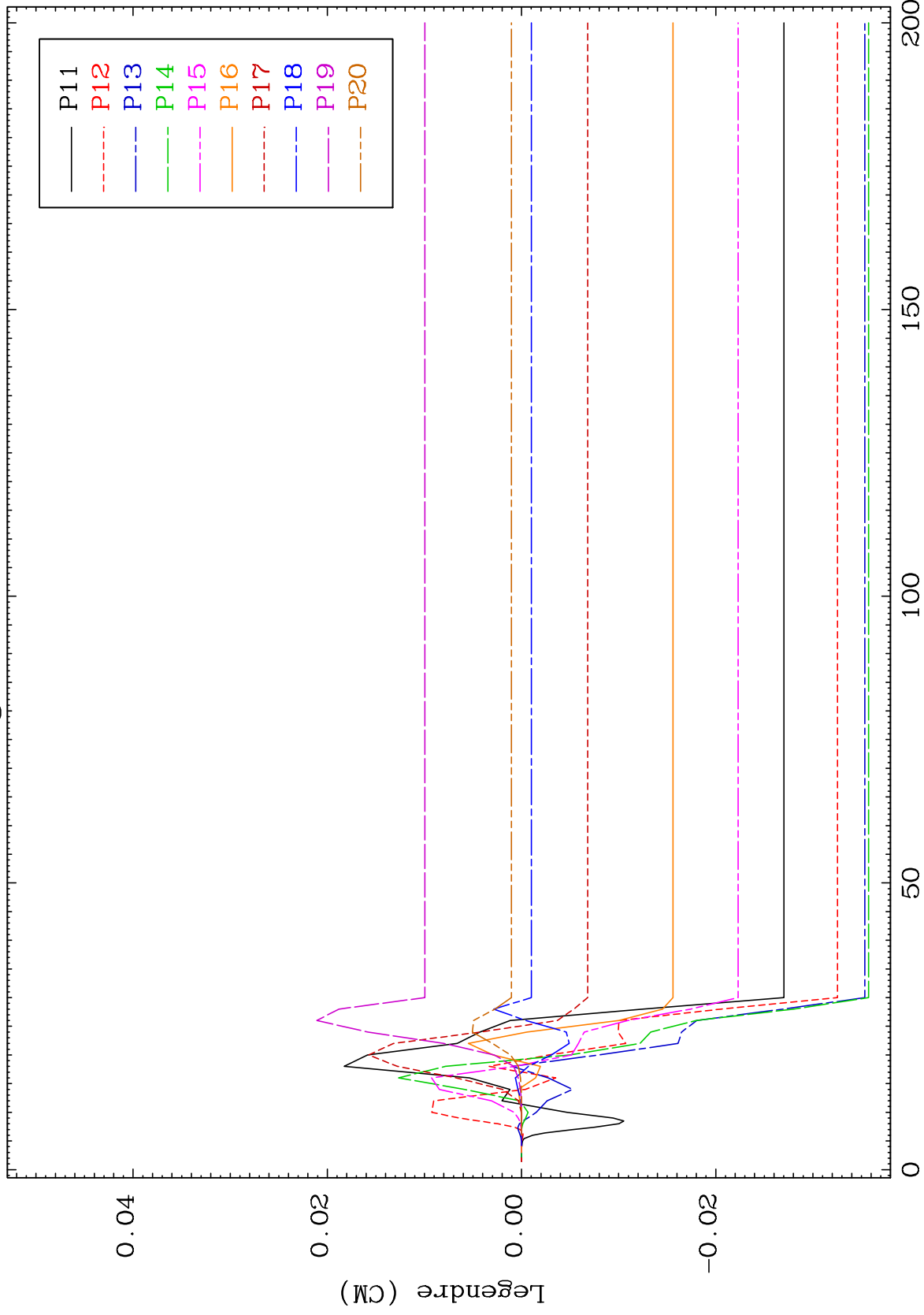
Incident Energy (MeV)

79-Au-197

MAT 7925

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

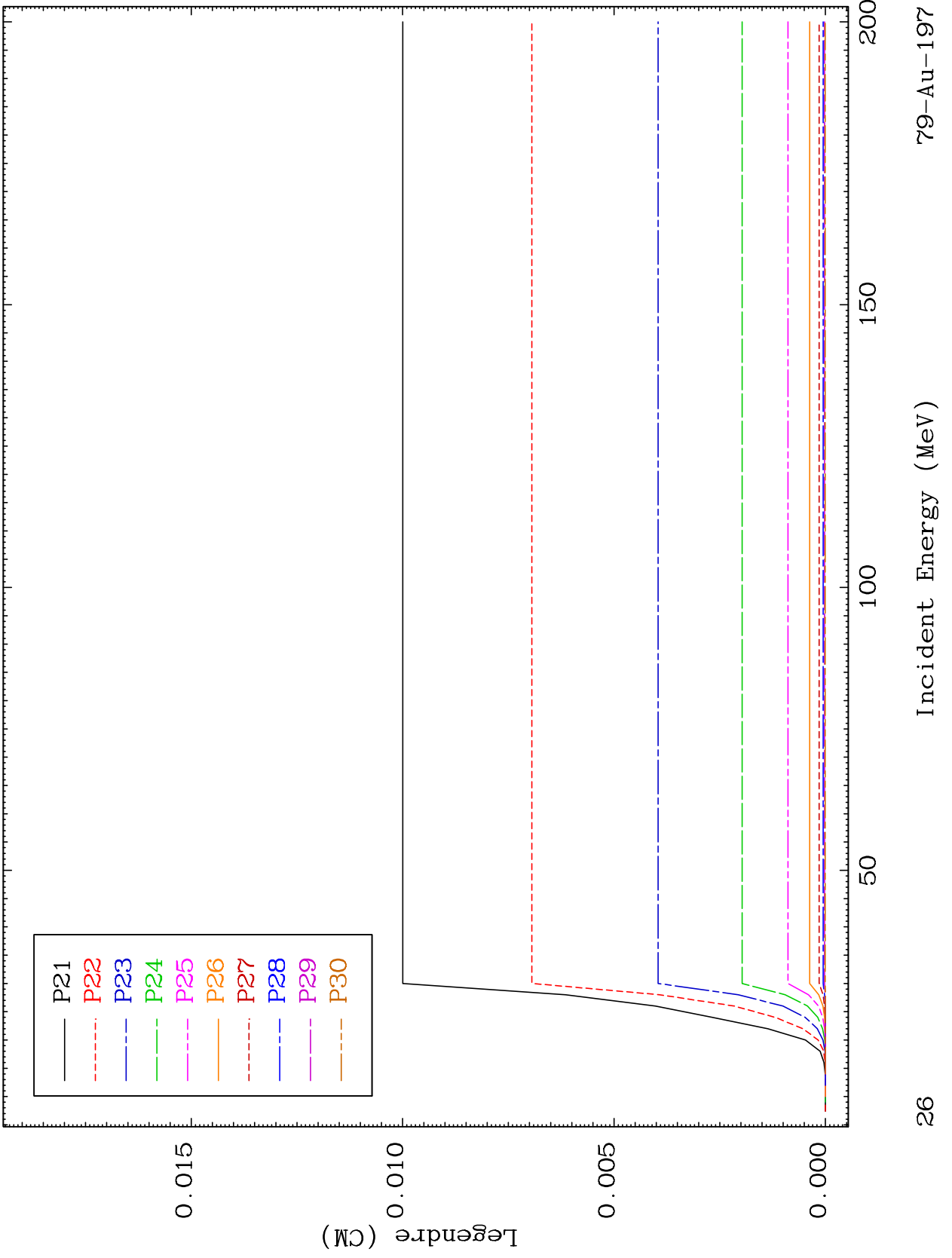
79-Au-197

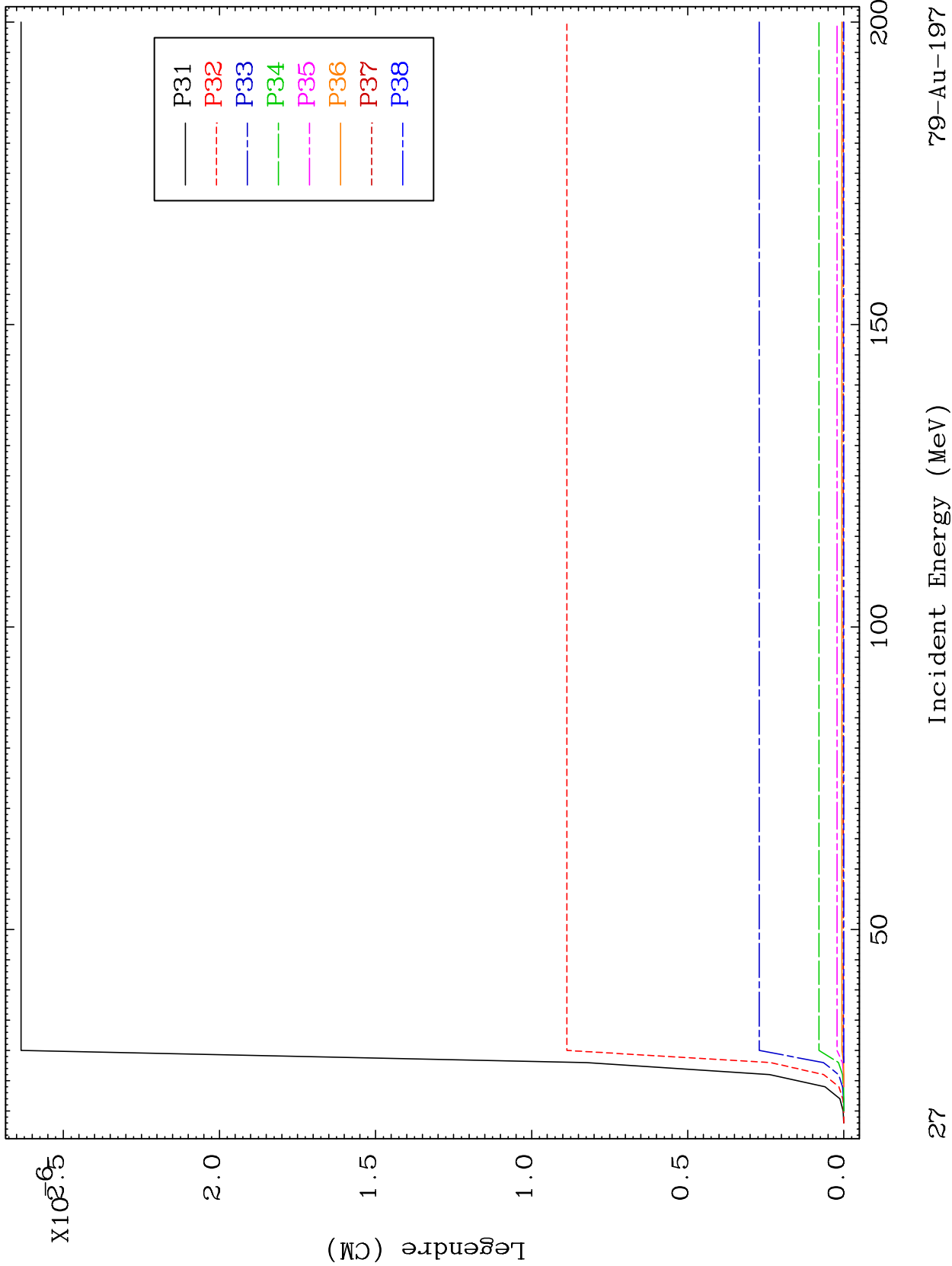


25

Incident Energy (MeV)

79-Au-197

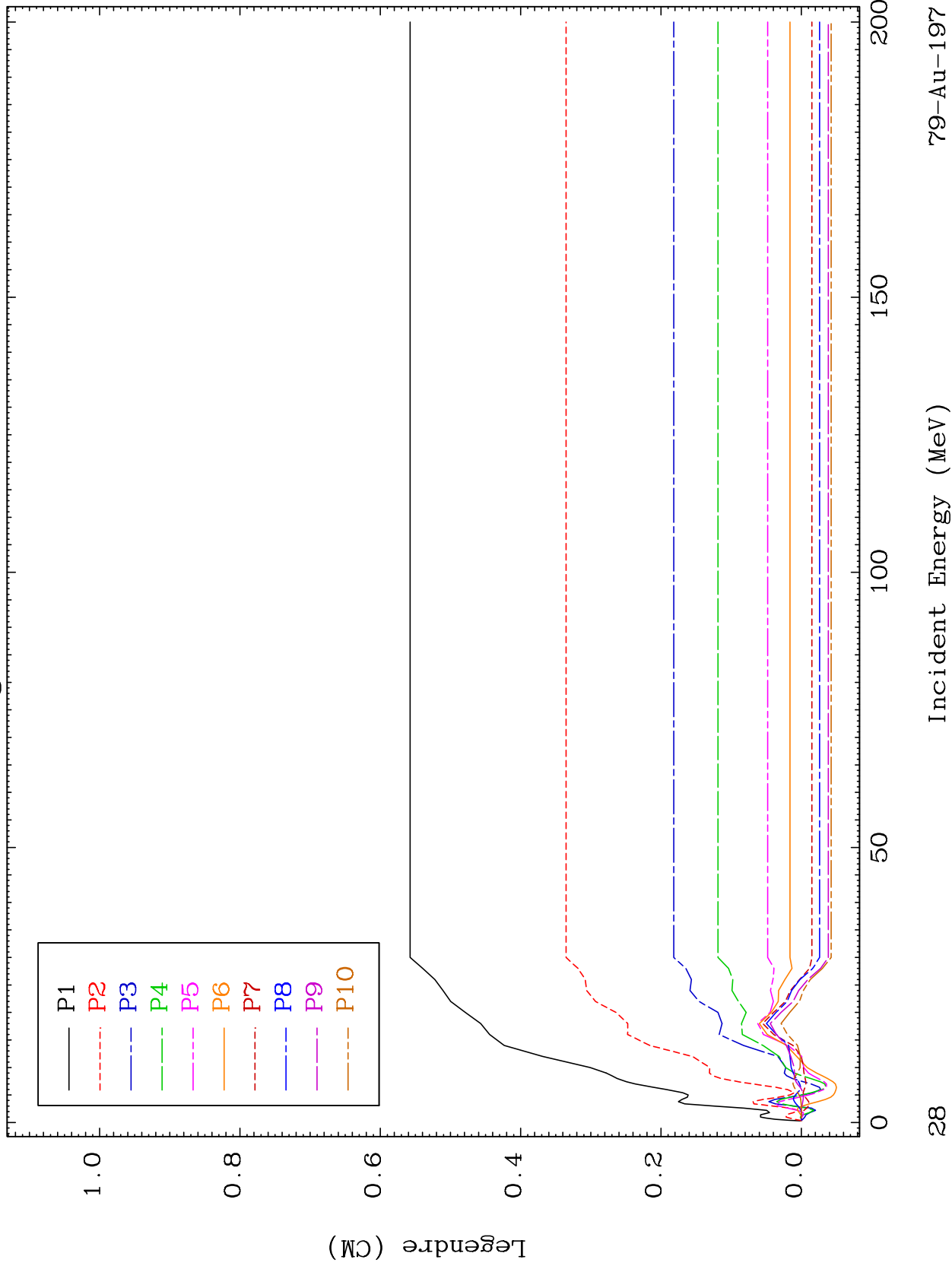




MAT 7925

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

79-Au-197



28

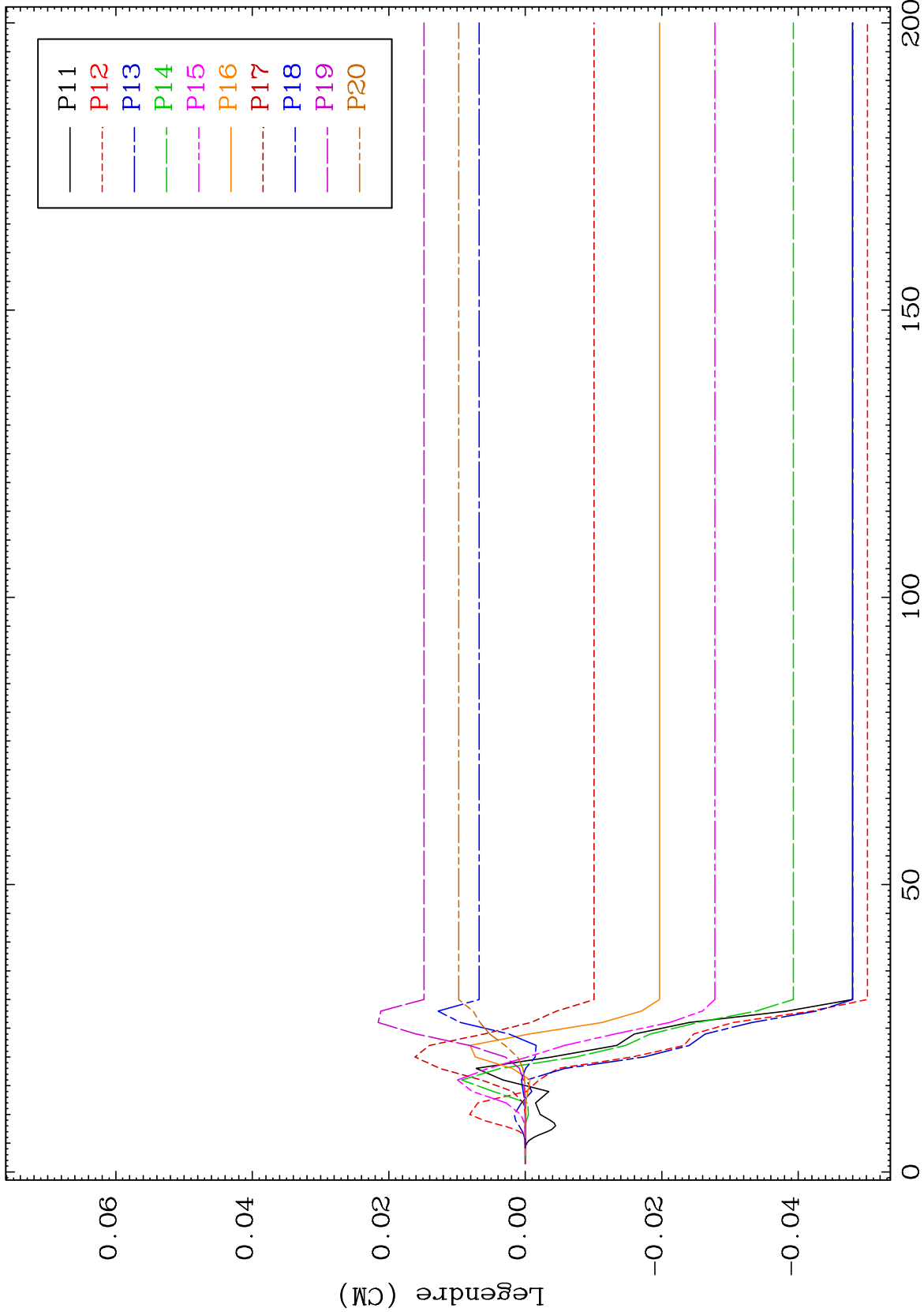
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



29

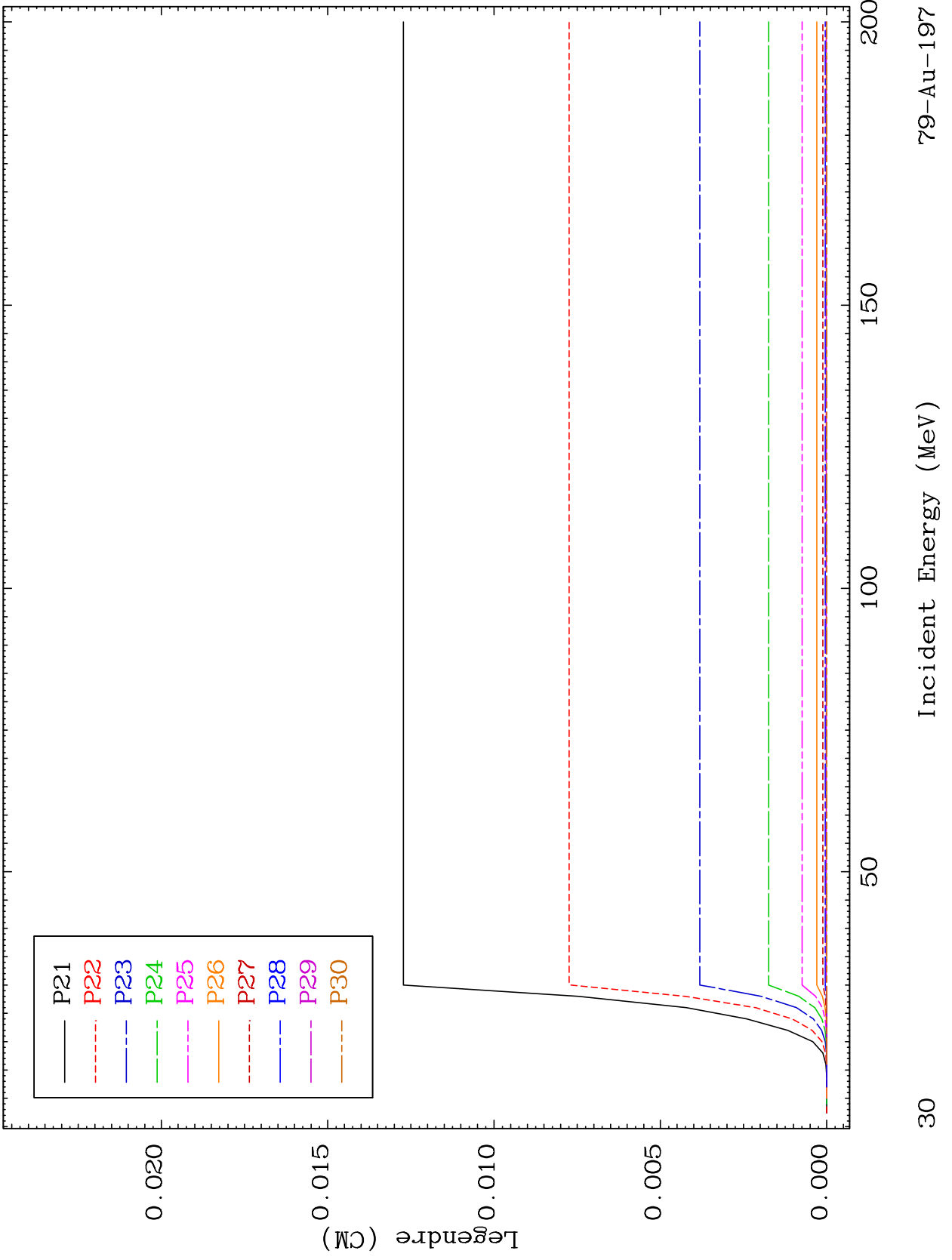
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



30

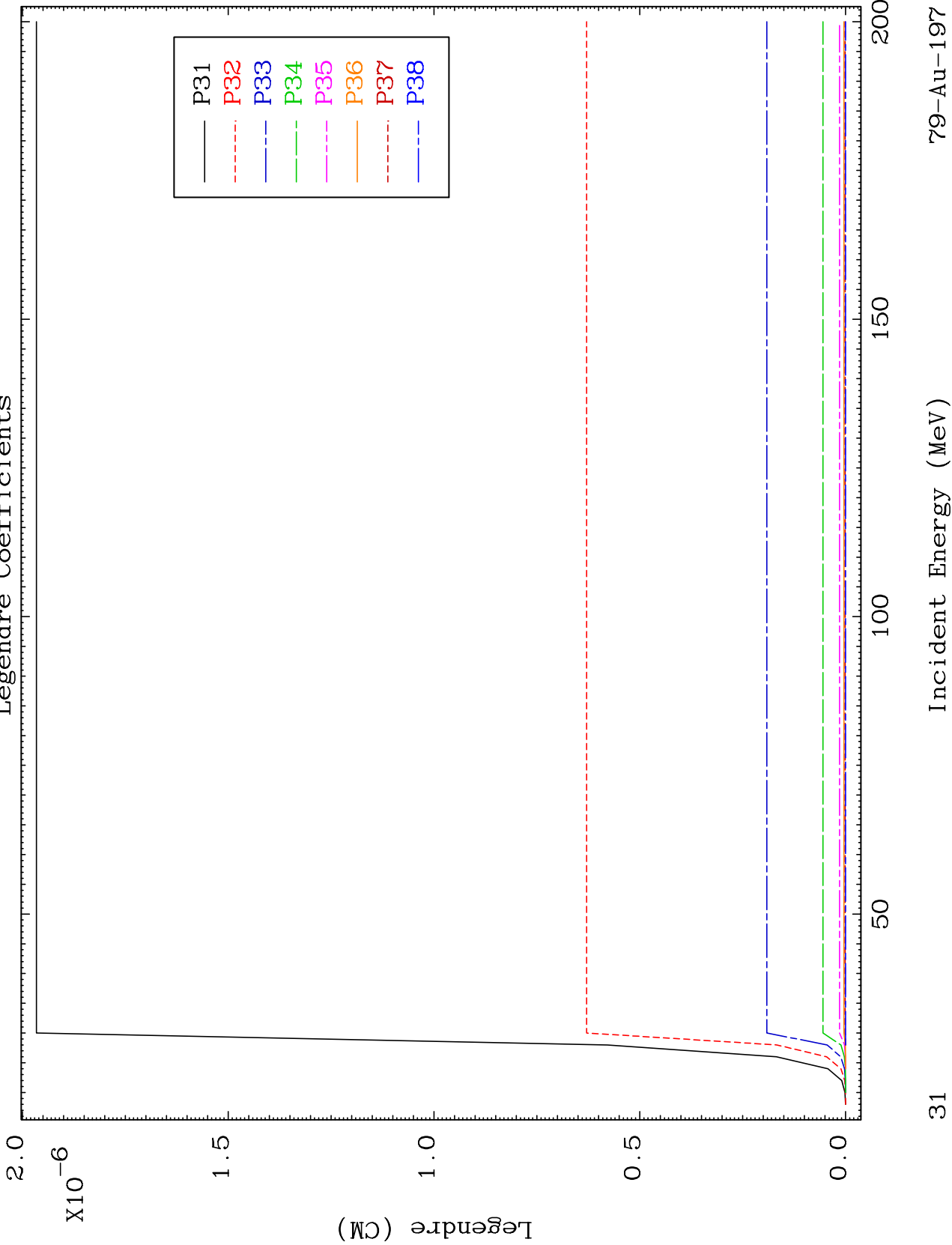
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



31

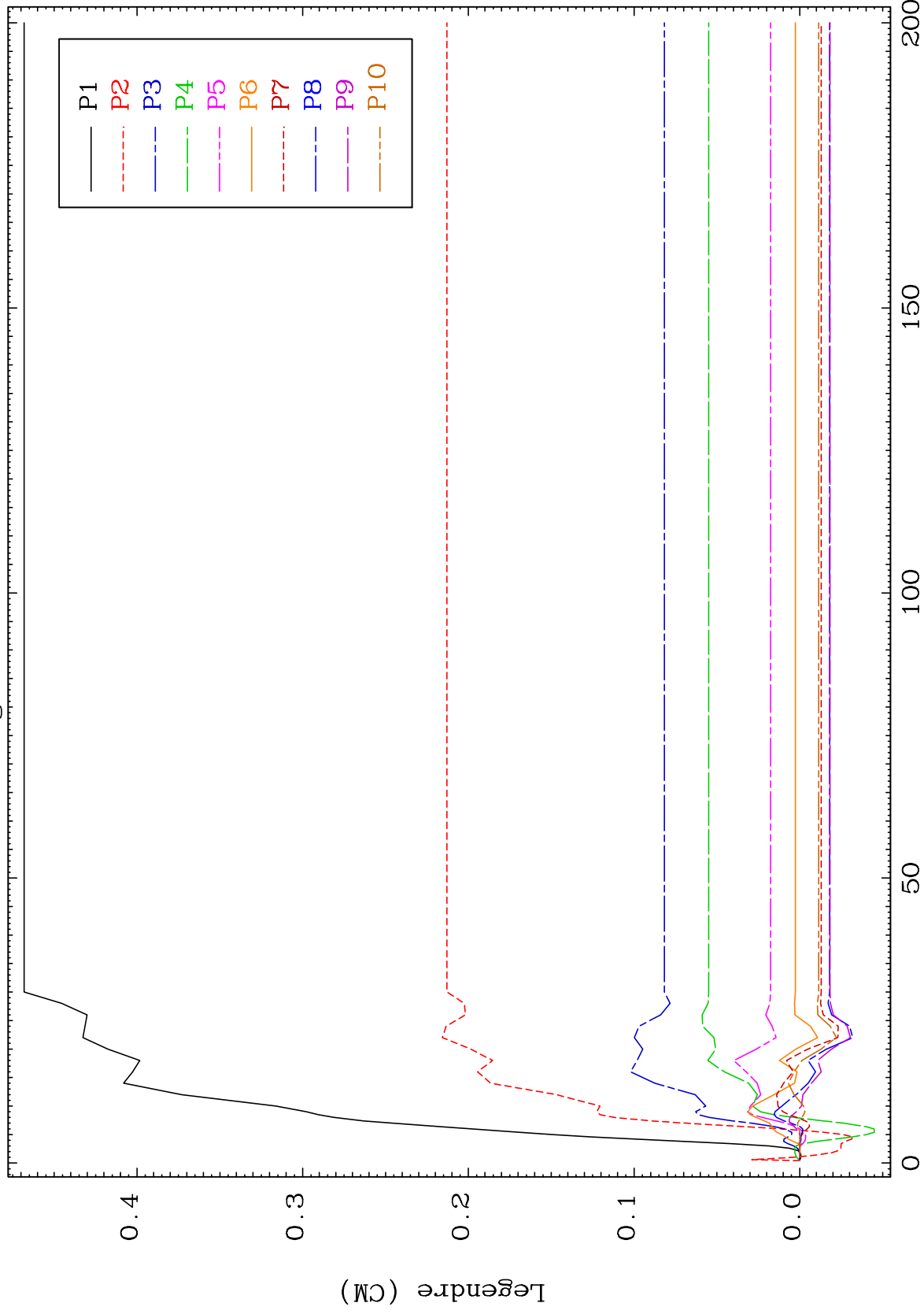
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



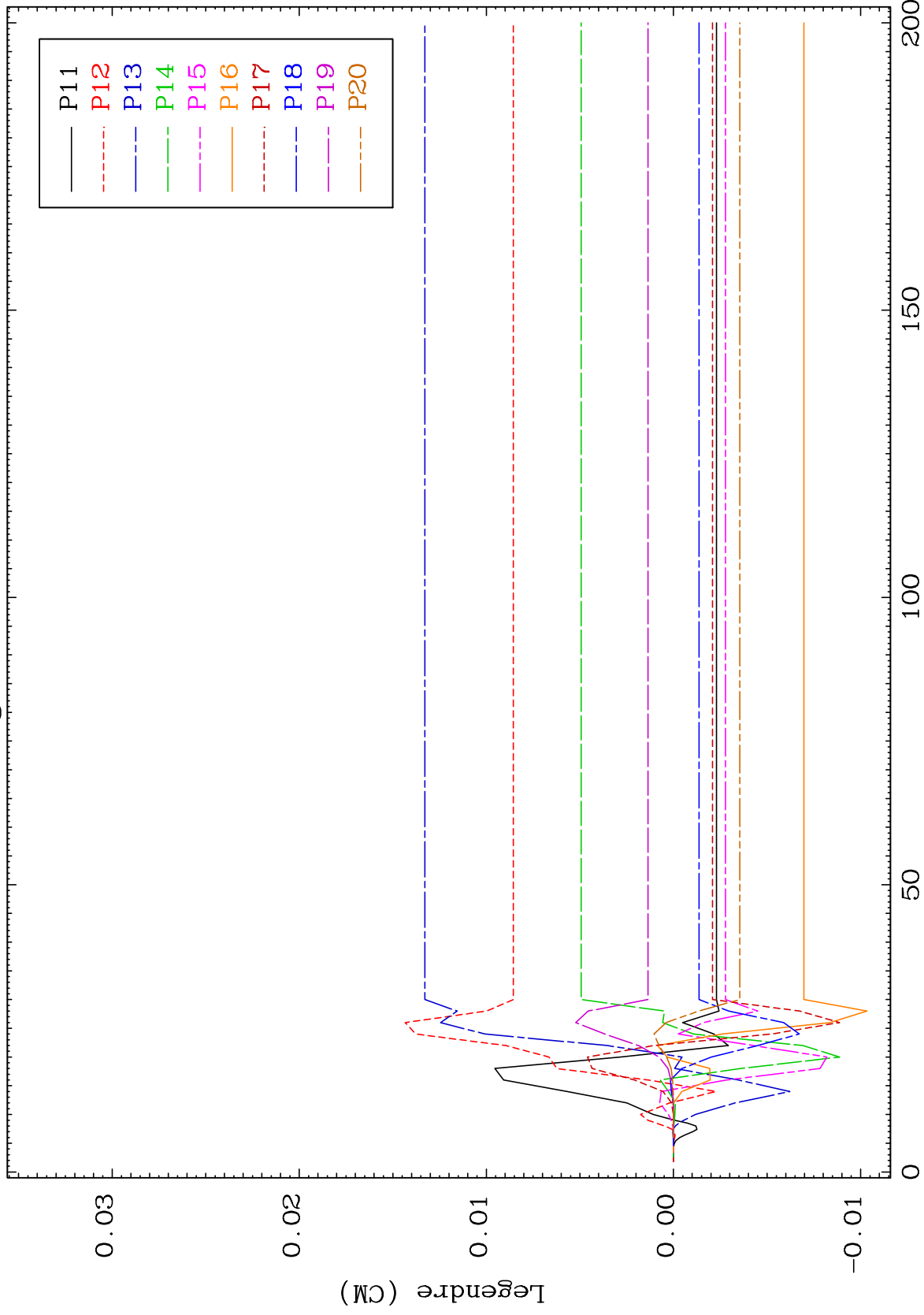
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79-Au-197

MAT 7925

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

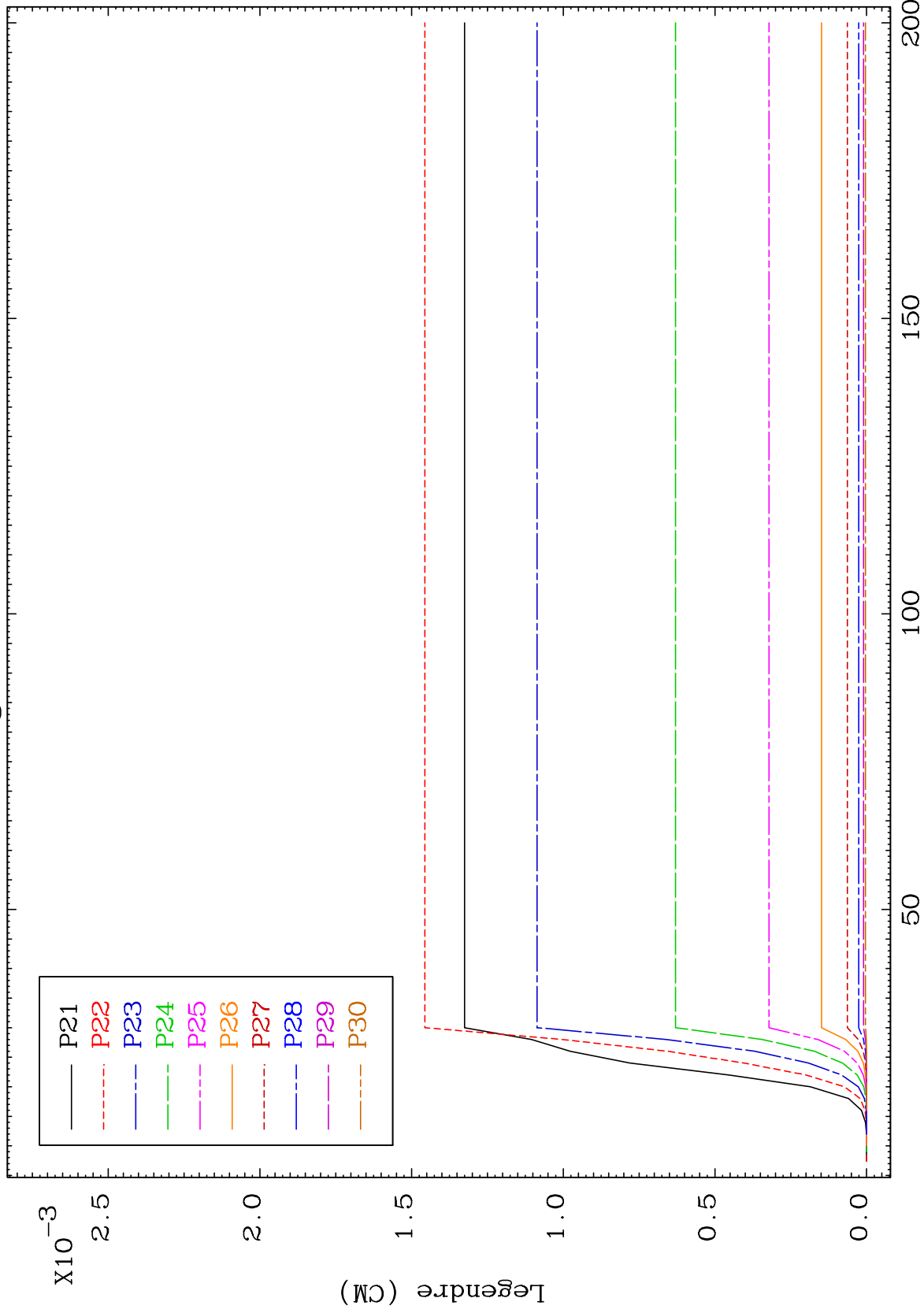
79-Au-197



33

Incident Energy (MeV)

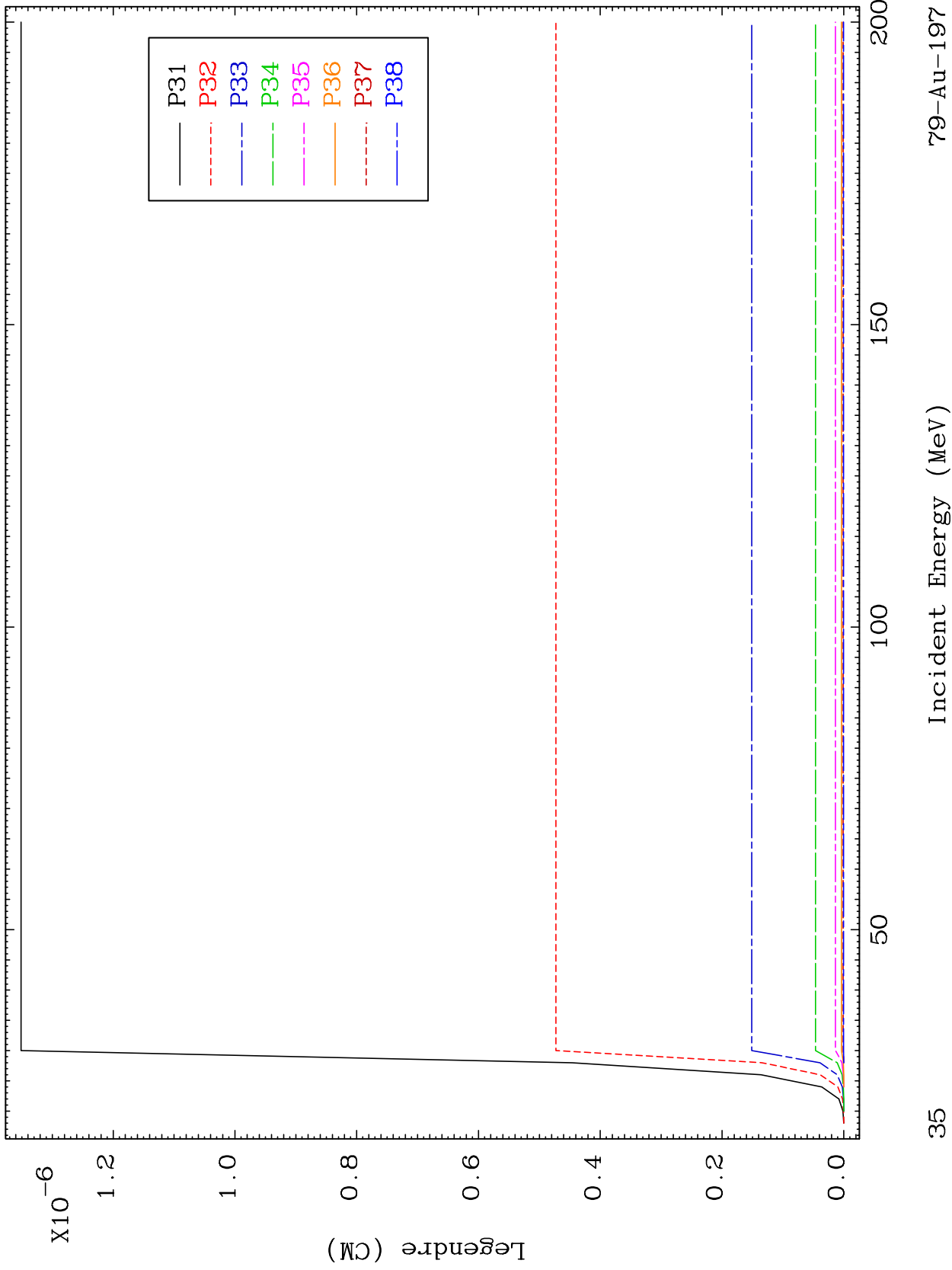
79-Au-197



MAT 7925

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

79-Au-197



35

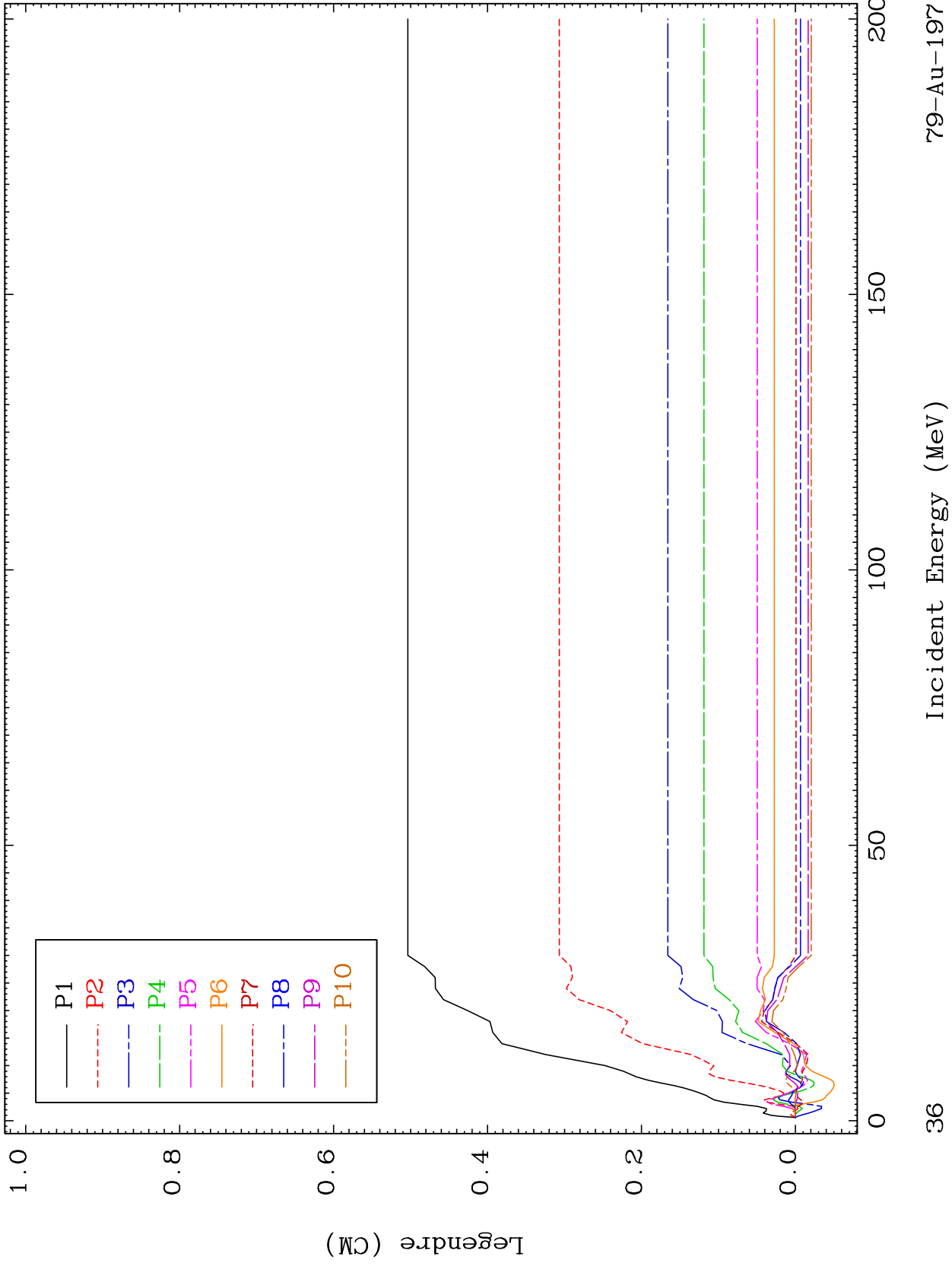
Incident Energy (MeV)

79-Au-197

MAT 7925

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

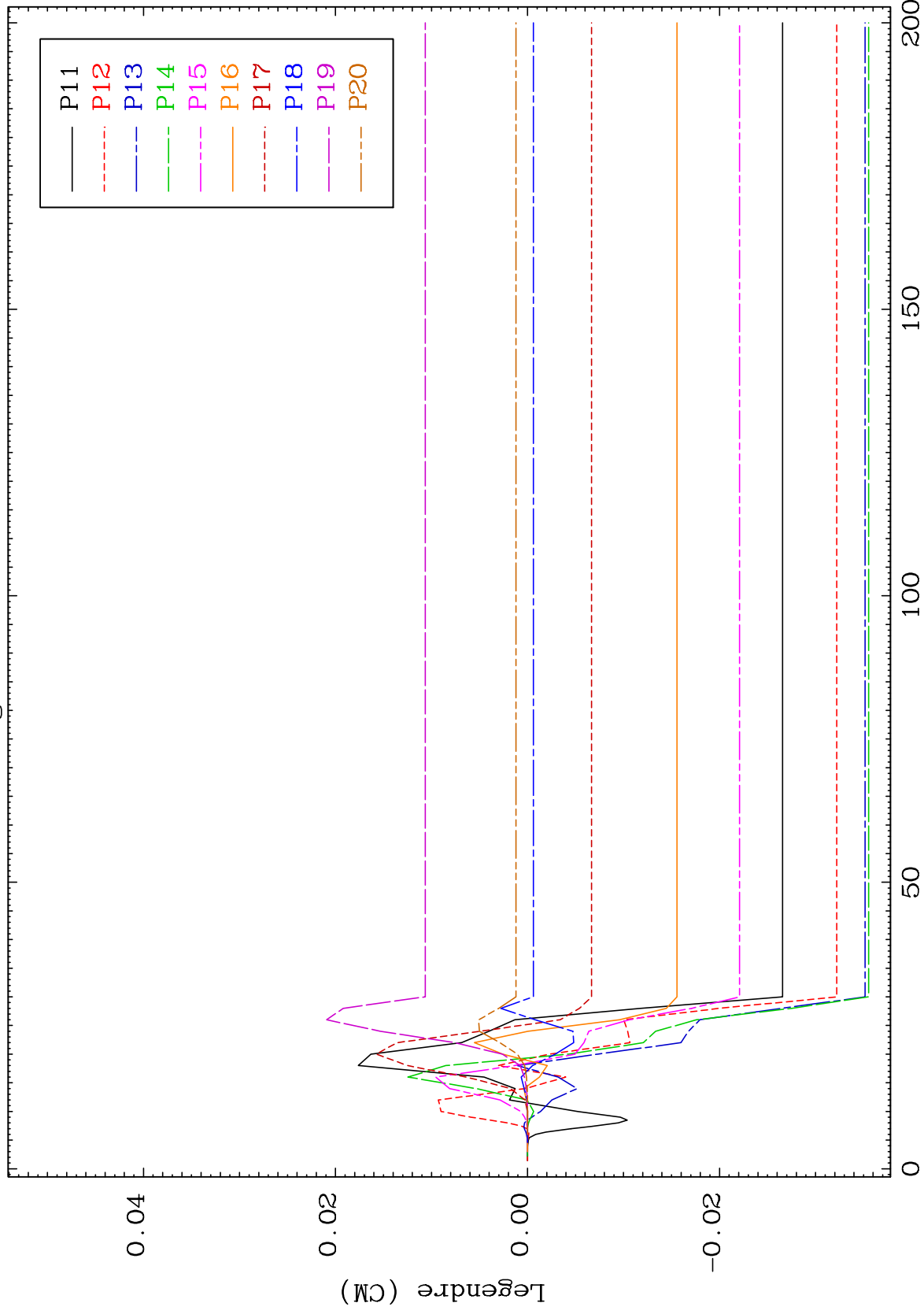
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MAT 7925

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

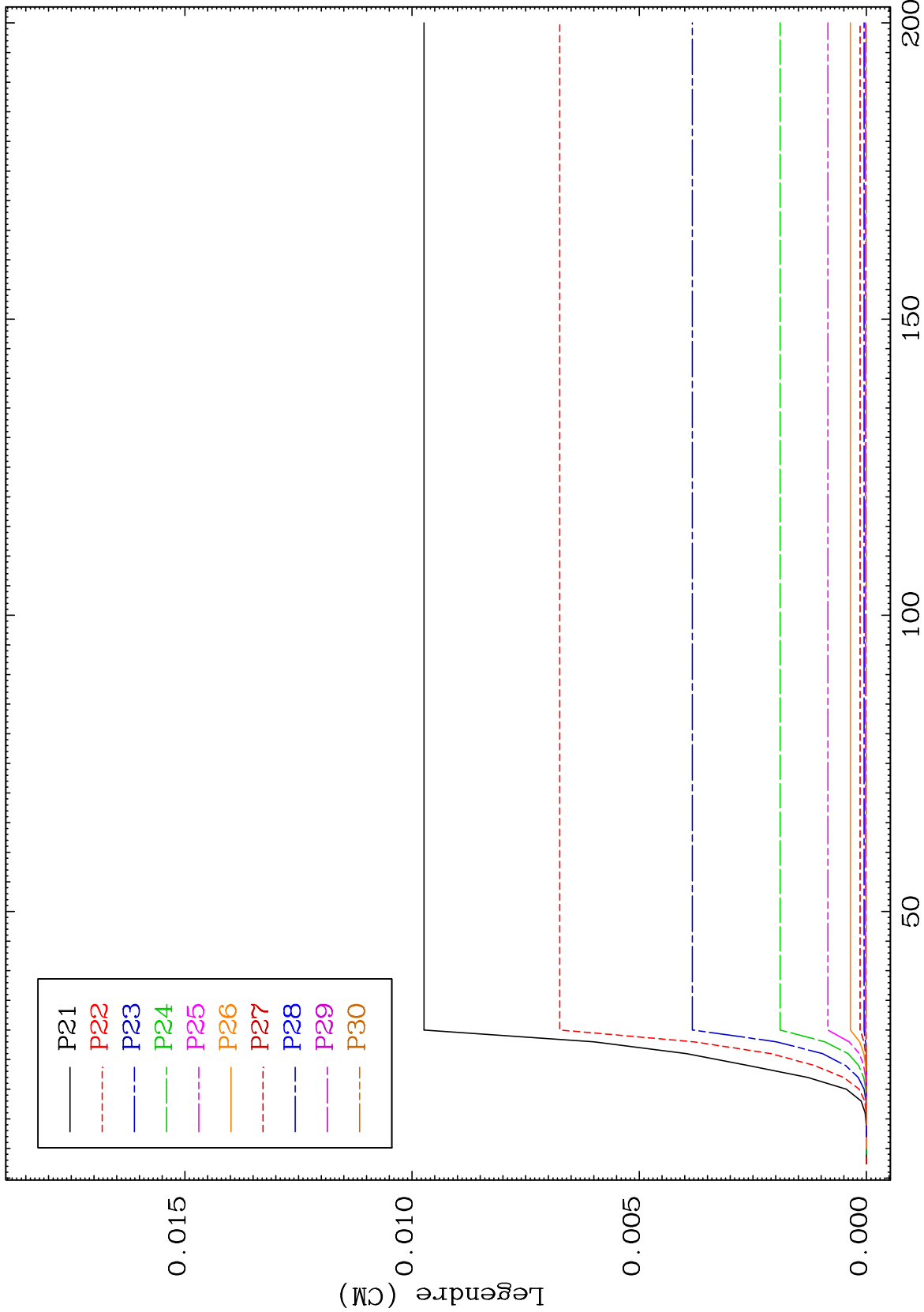
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37

Incident Energy (MeV)

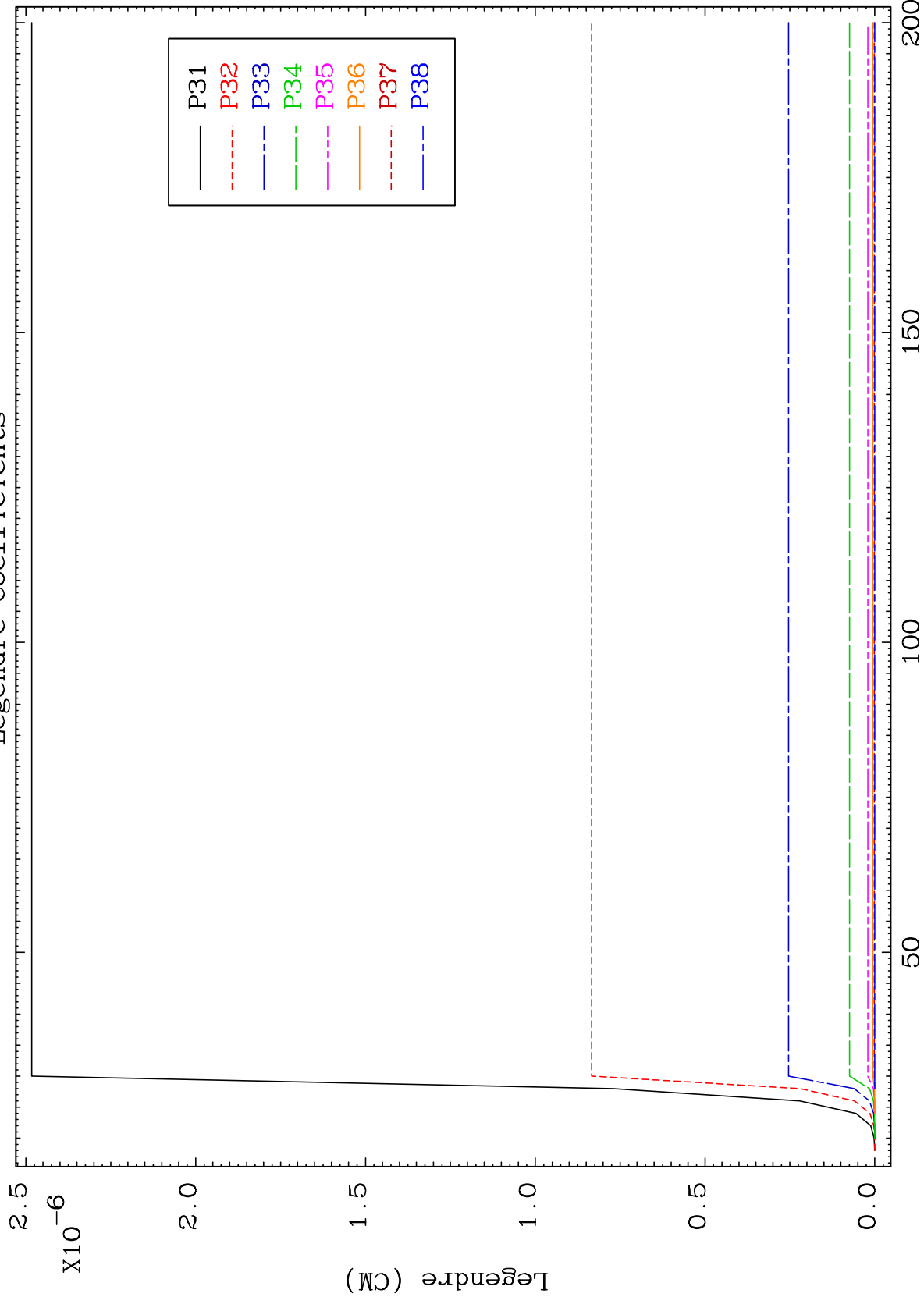
79-Au-197



MAT 7925

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

79-Au-197



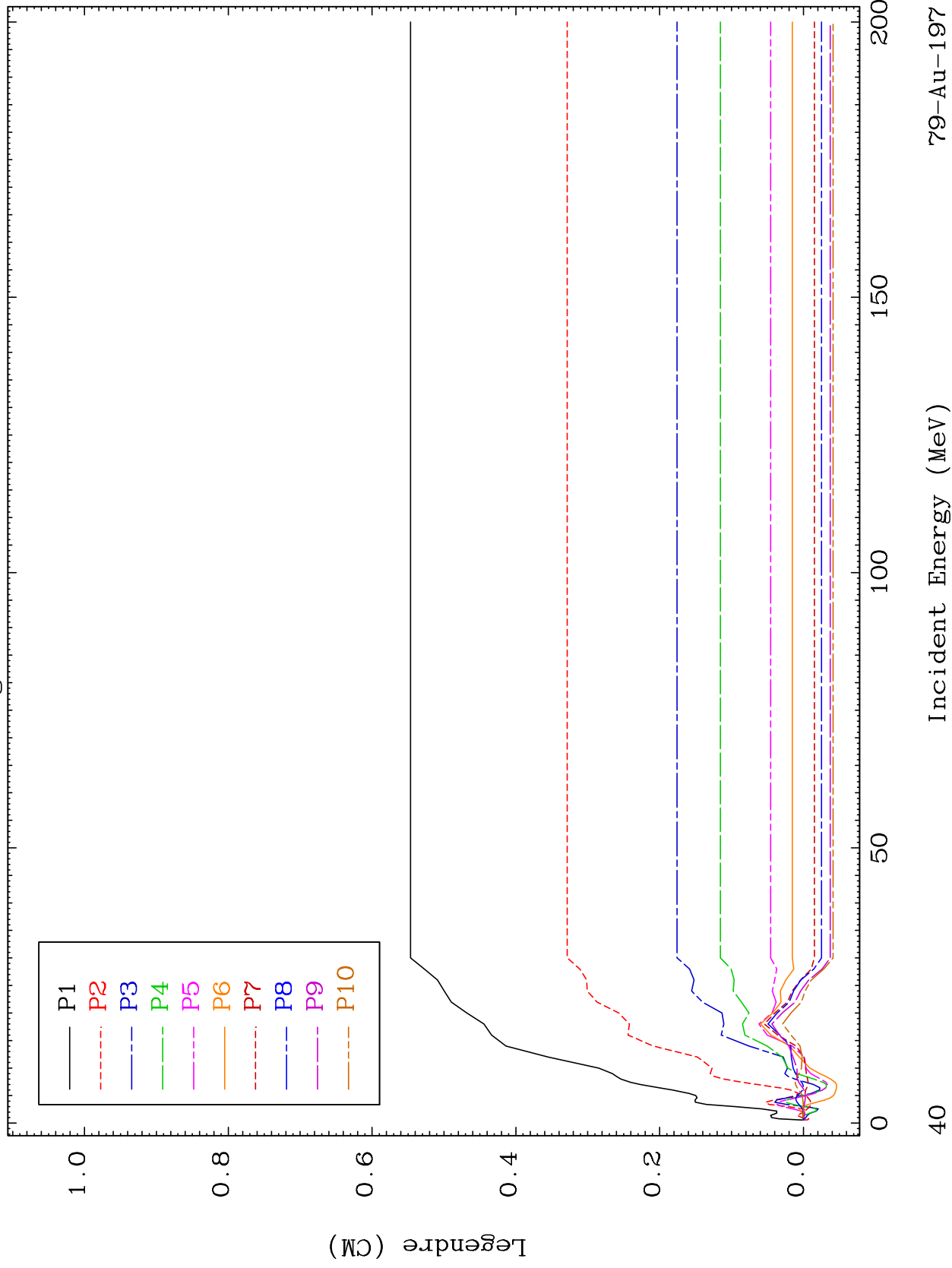
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79-Au-197

MAT 7925

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

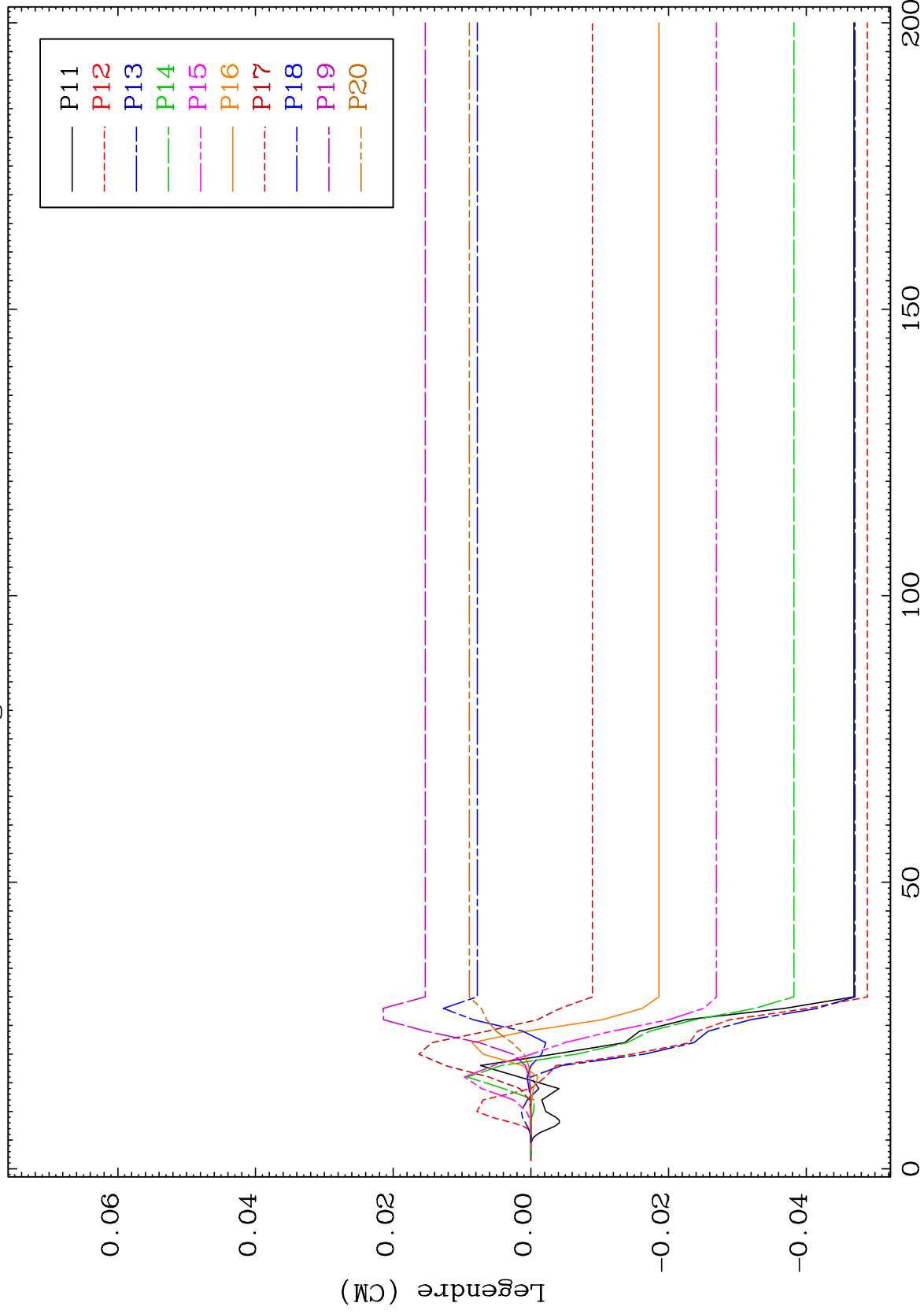
79-Au-197



MAT 7925

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

79-Au-197



41

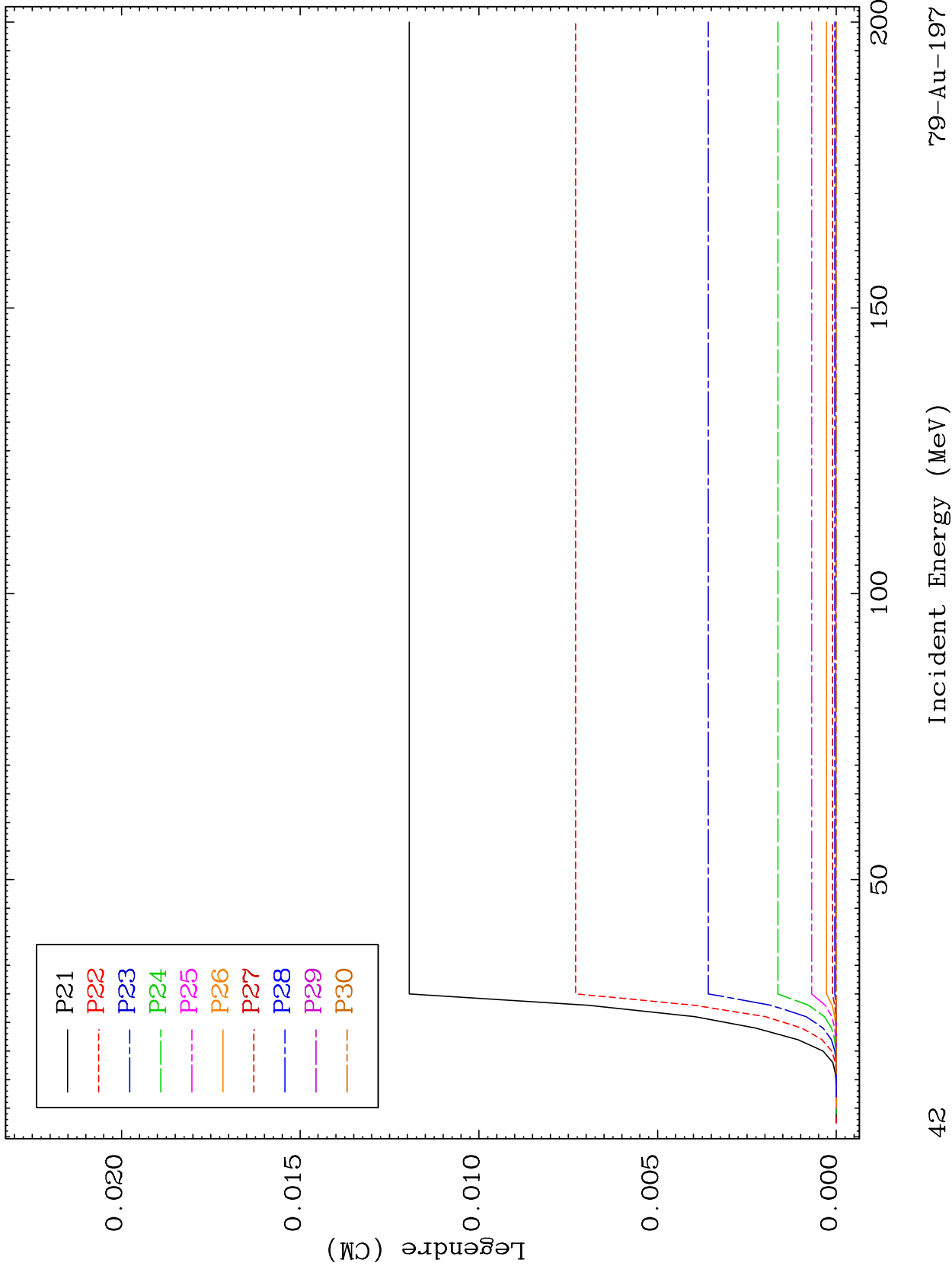
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



42

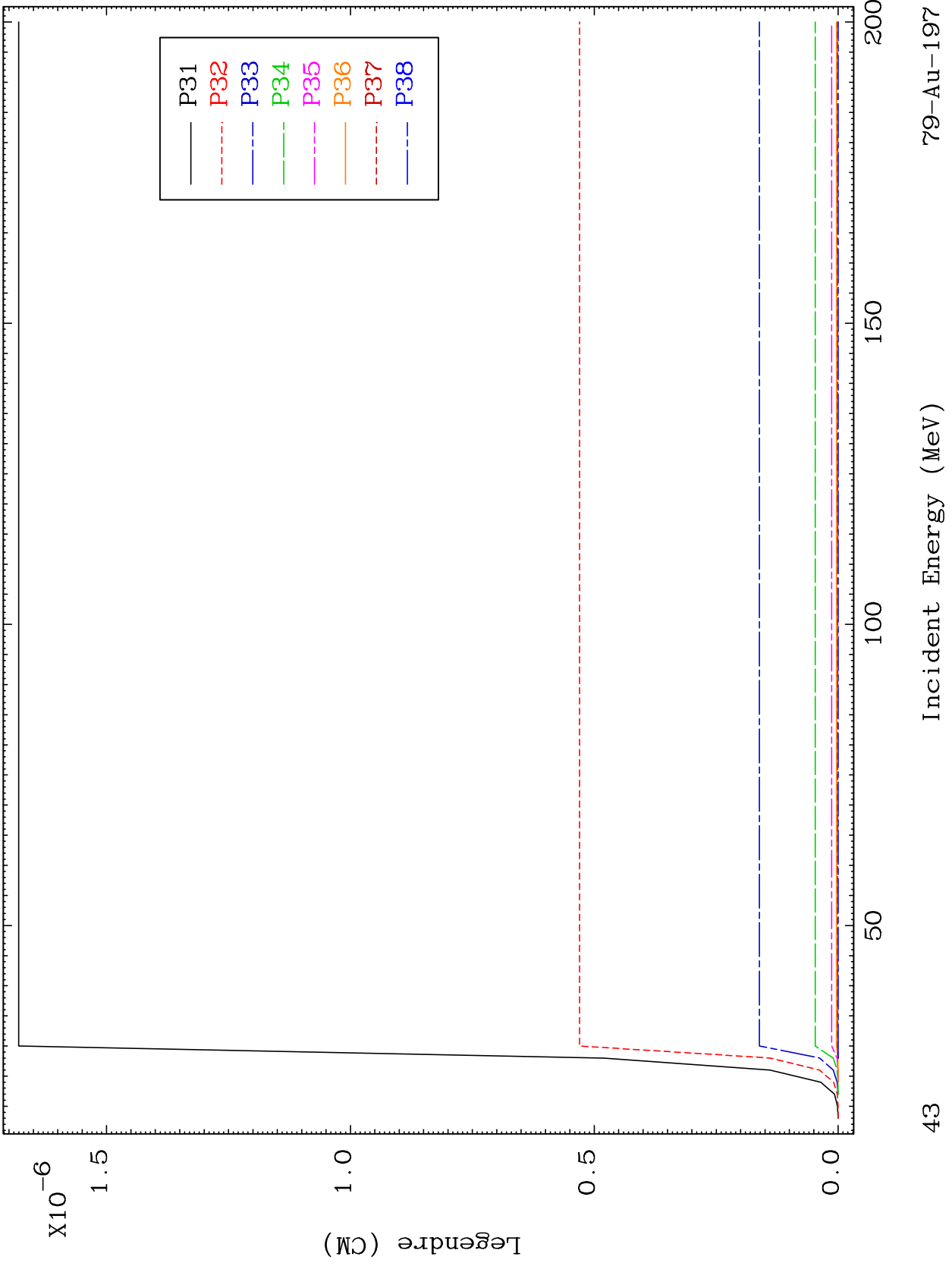
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



43

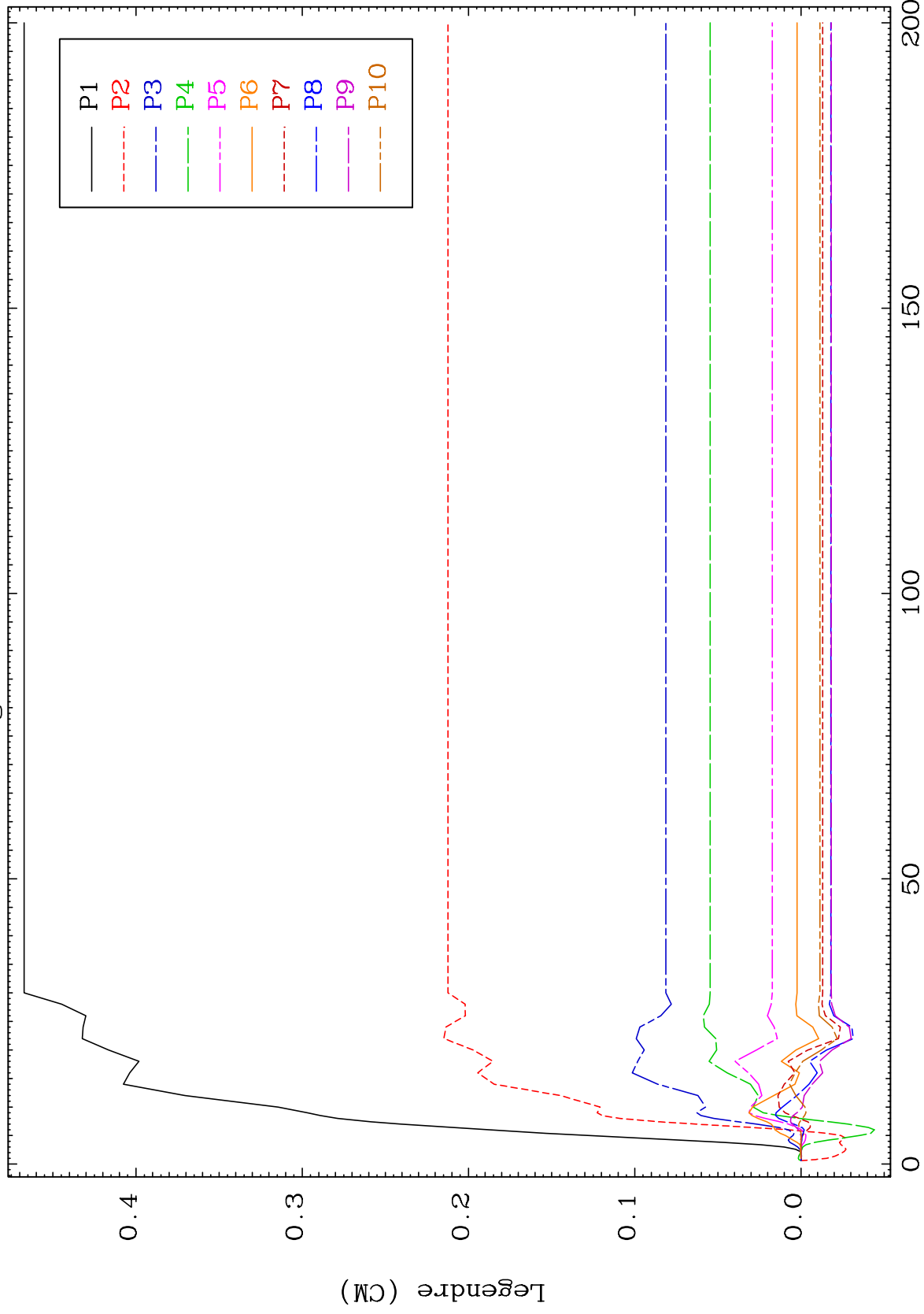
Incident Energy (MeV)

79-Au-197

MAT 7925

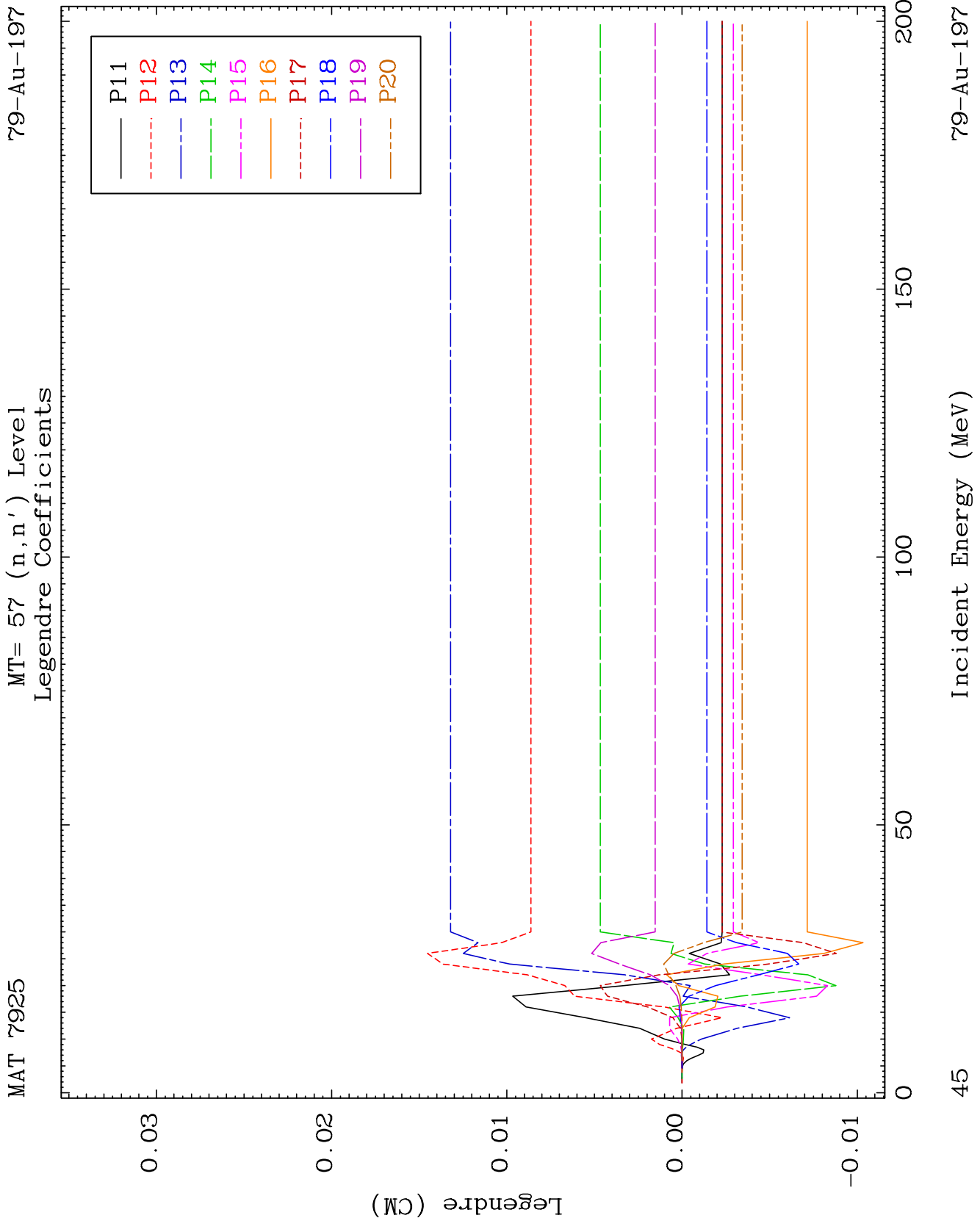
MT= 57 (n,n') Level
Legendre Coefficients

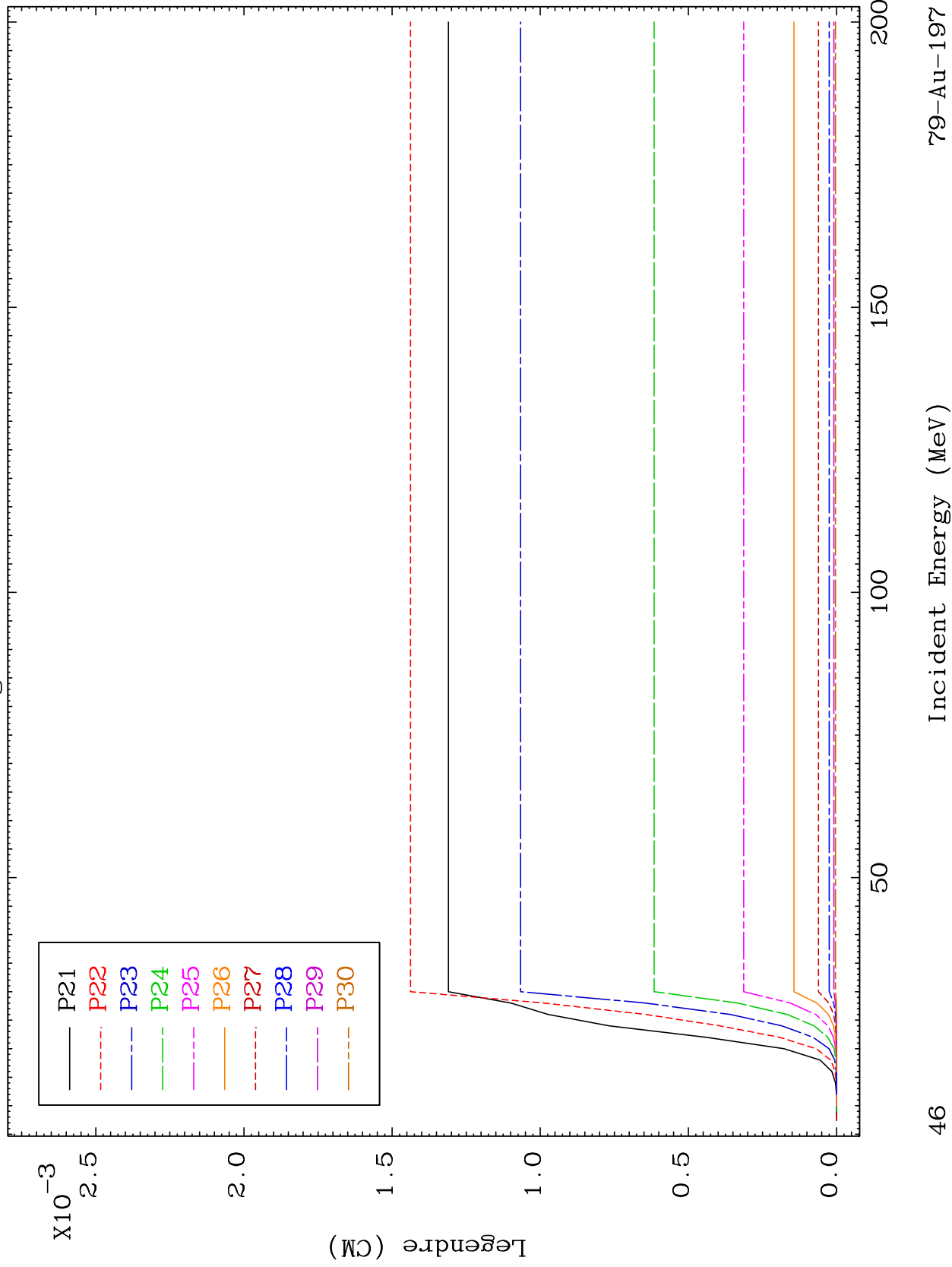
79-Au-197



44

79-Au-197

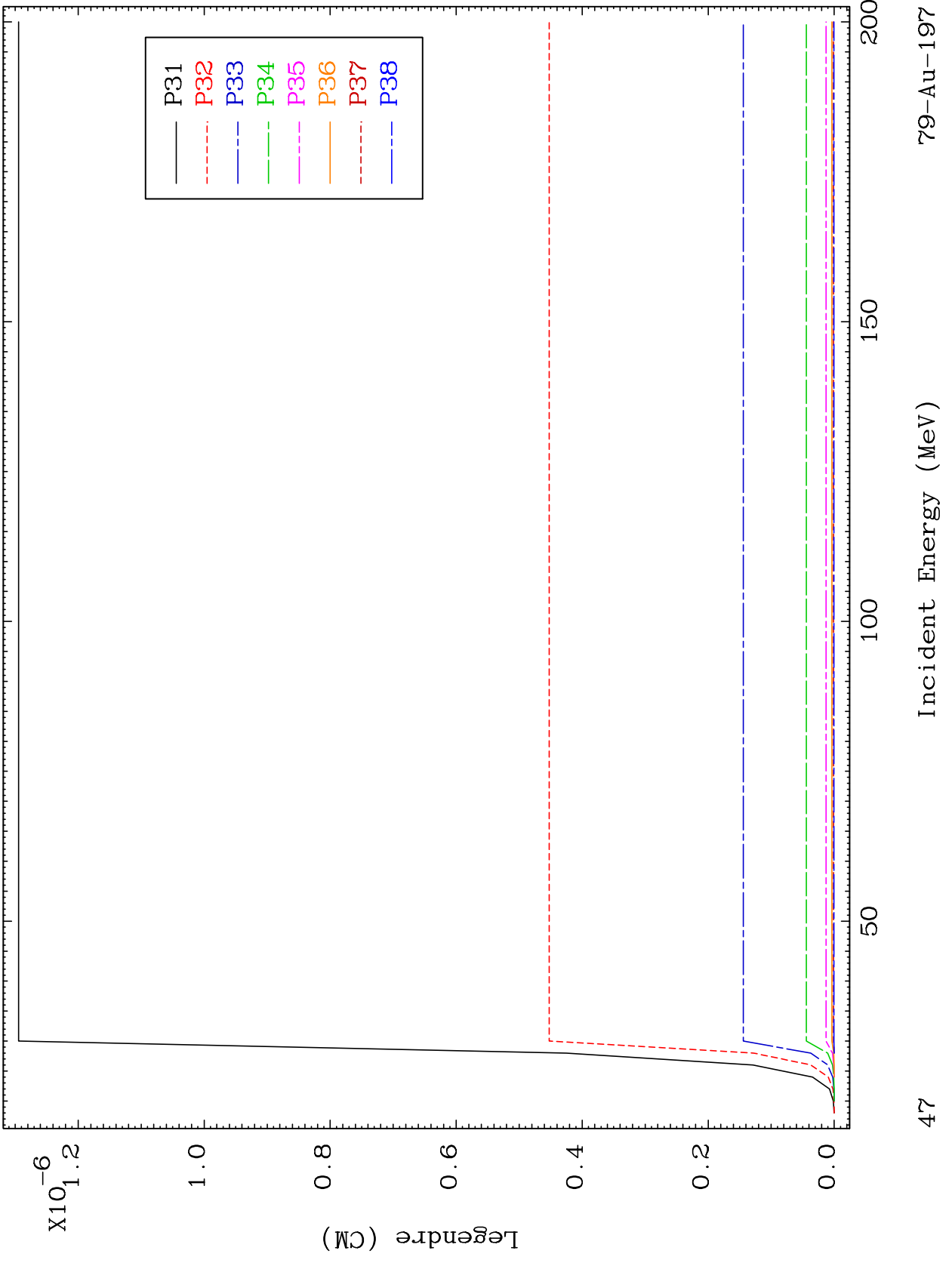




MAT 7925

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

79-Au-197



47

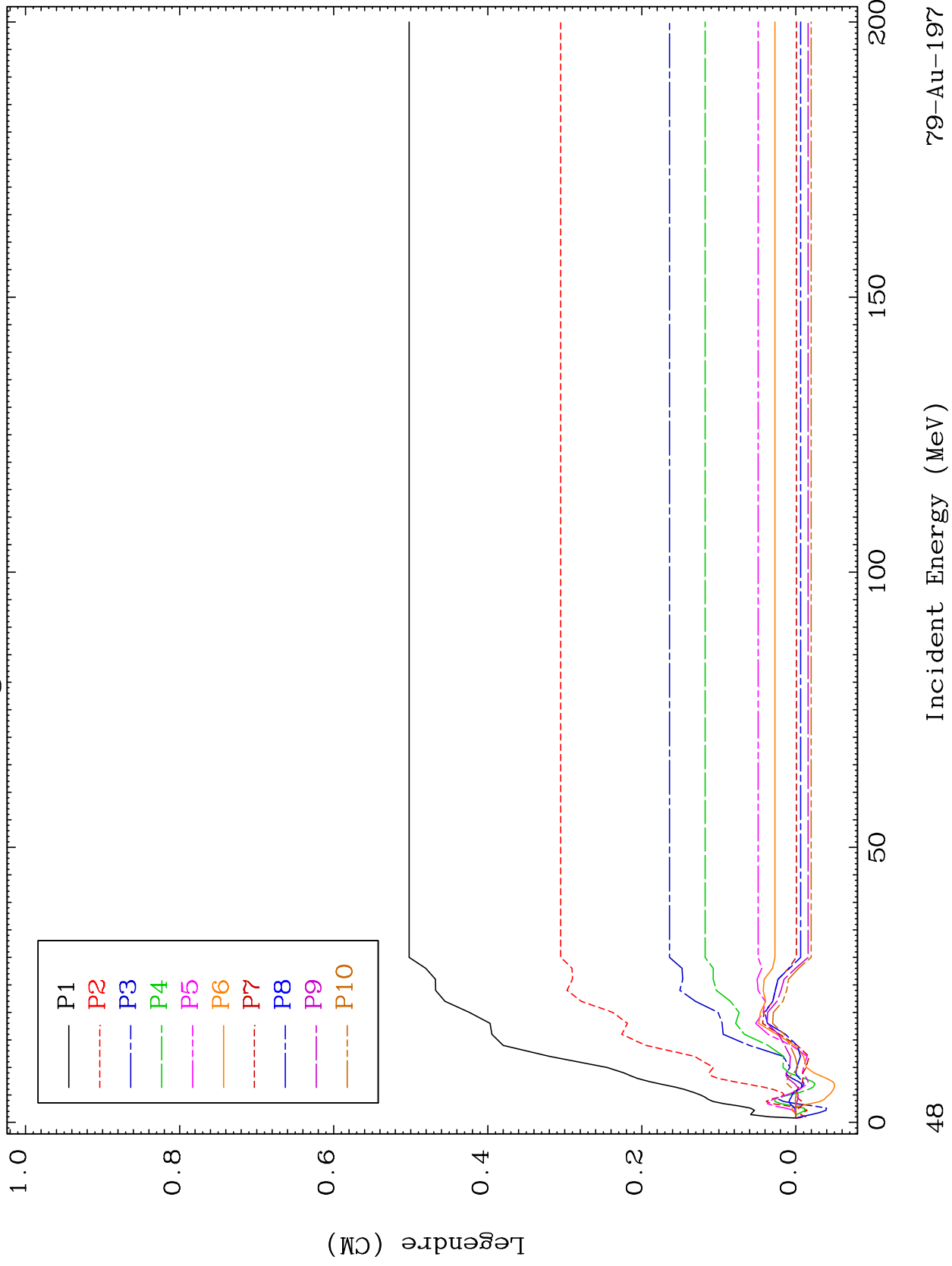
Incident Energy (MeV)

79-Au-197

MAT 7925

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

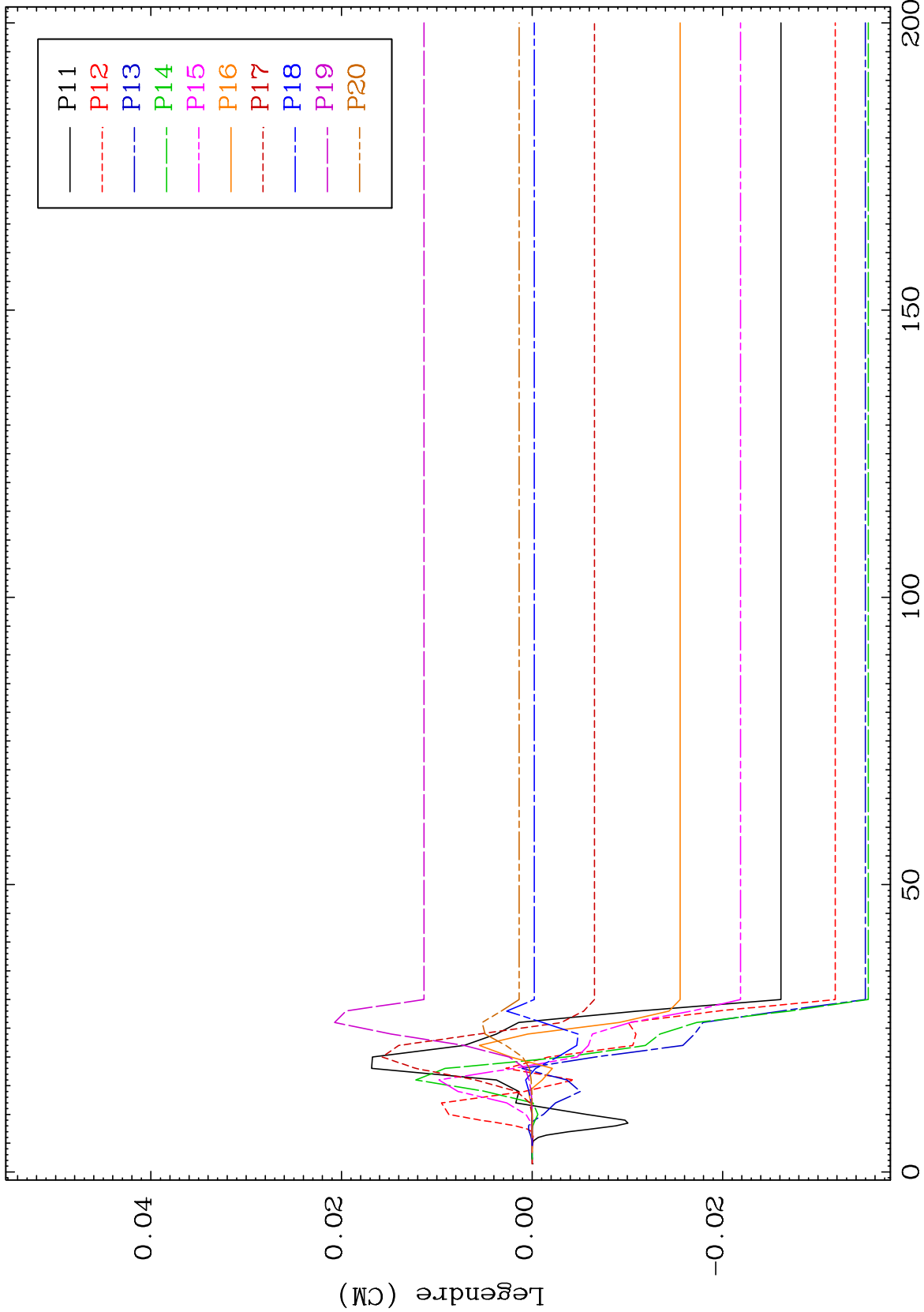
79-Au-197



MAT 7925

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

79-Au-197



49

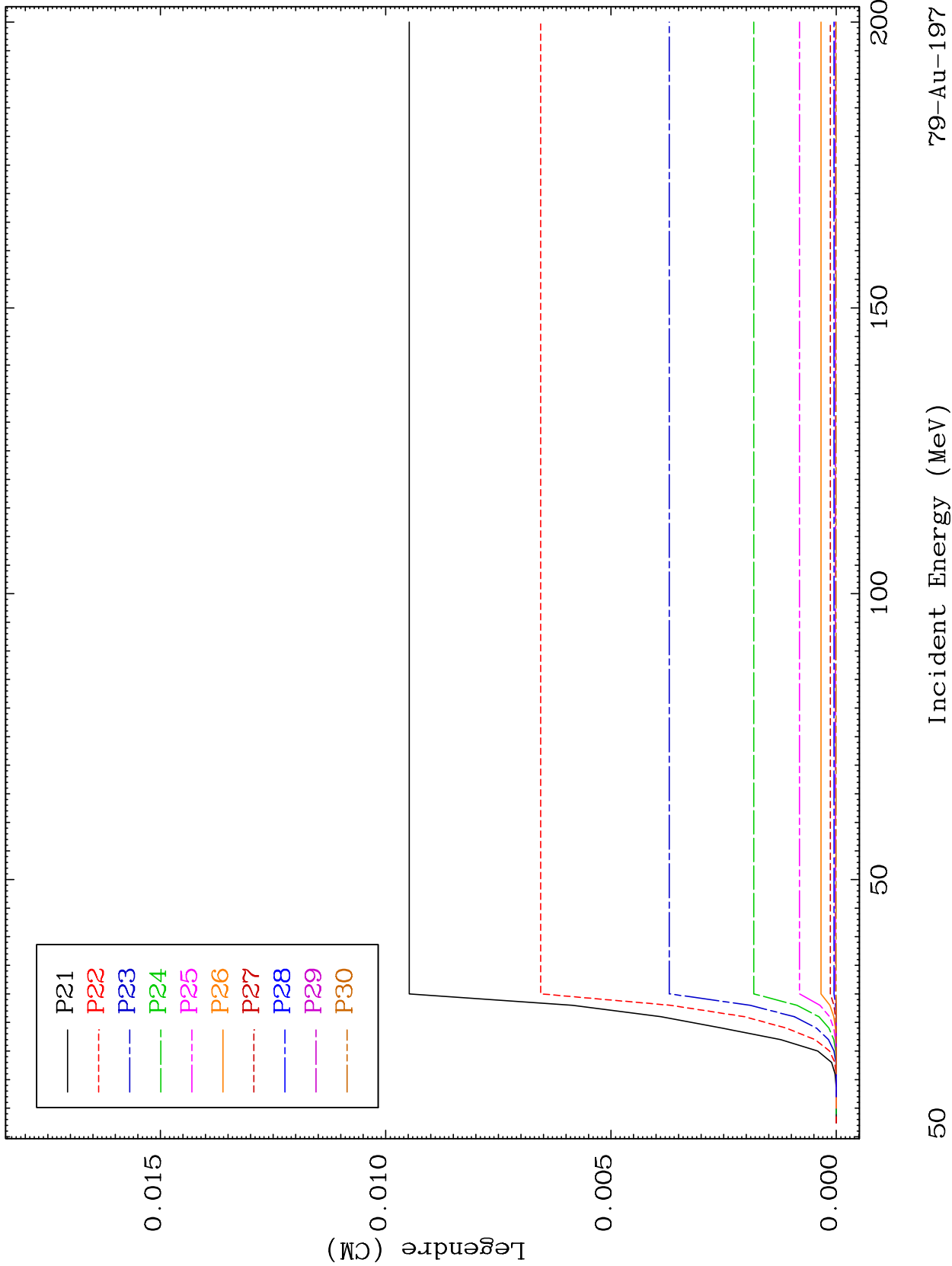
Incident Energy (MeV)

79-Au-197

MAT 7925

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

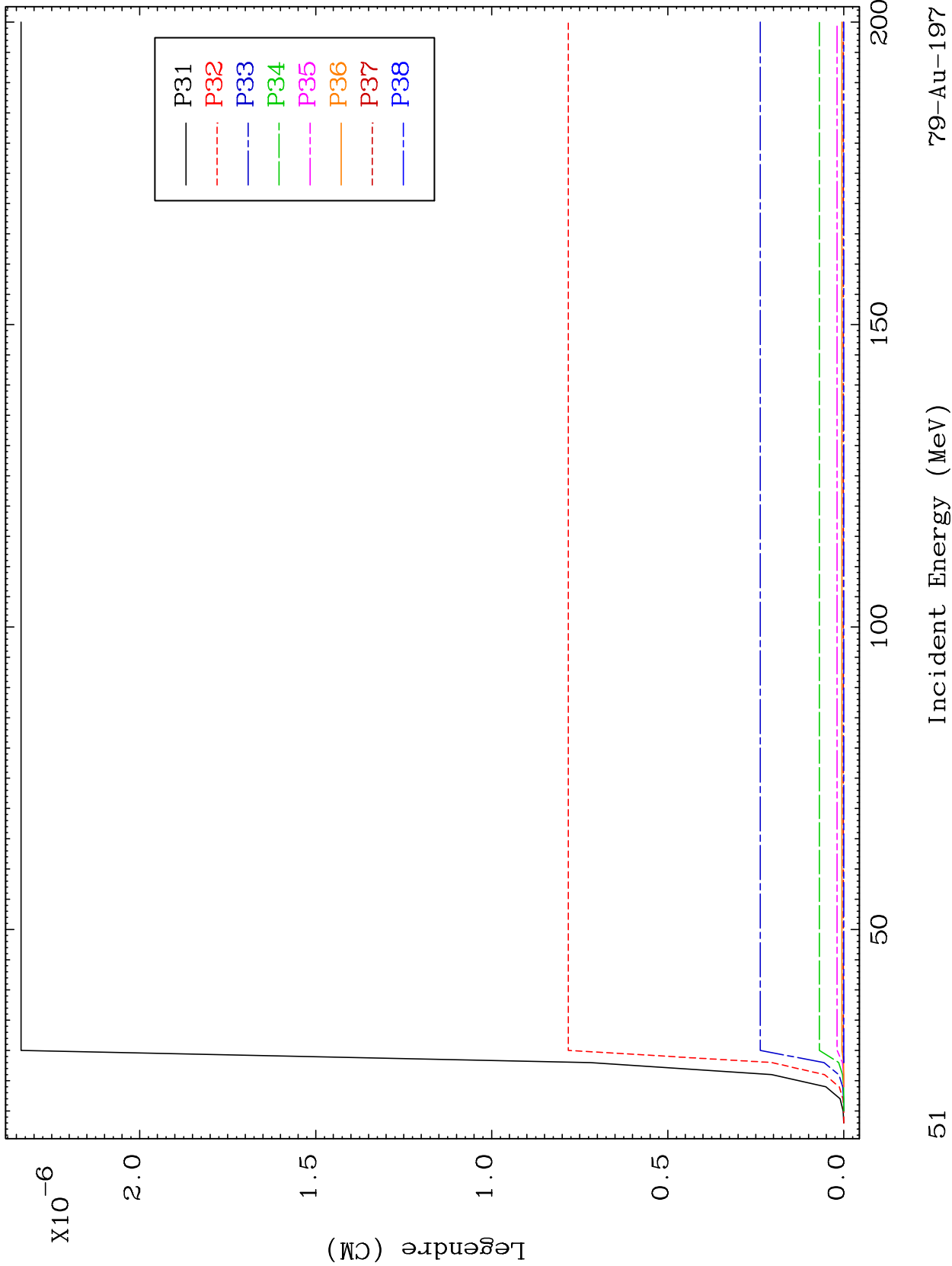
79-Au-197



79-Au-197

Incident Energy (MeV)

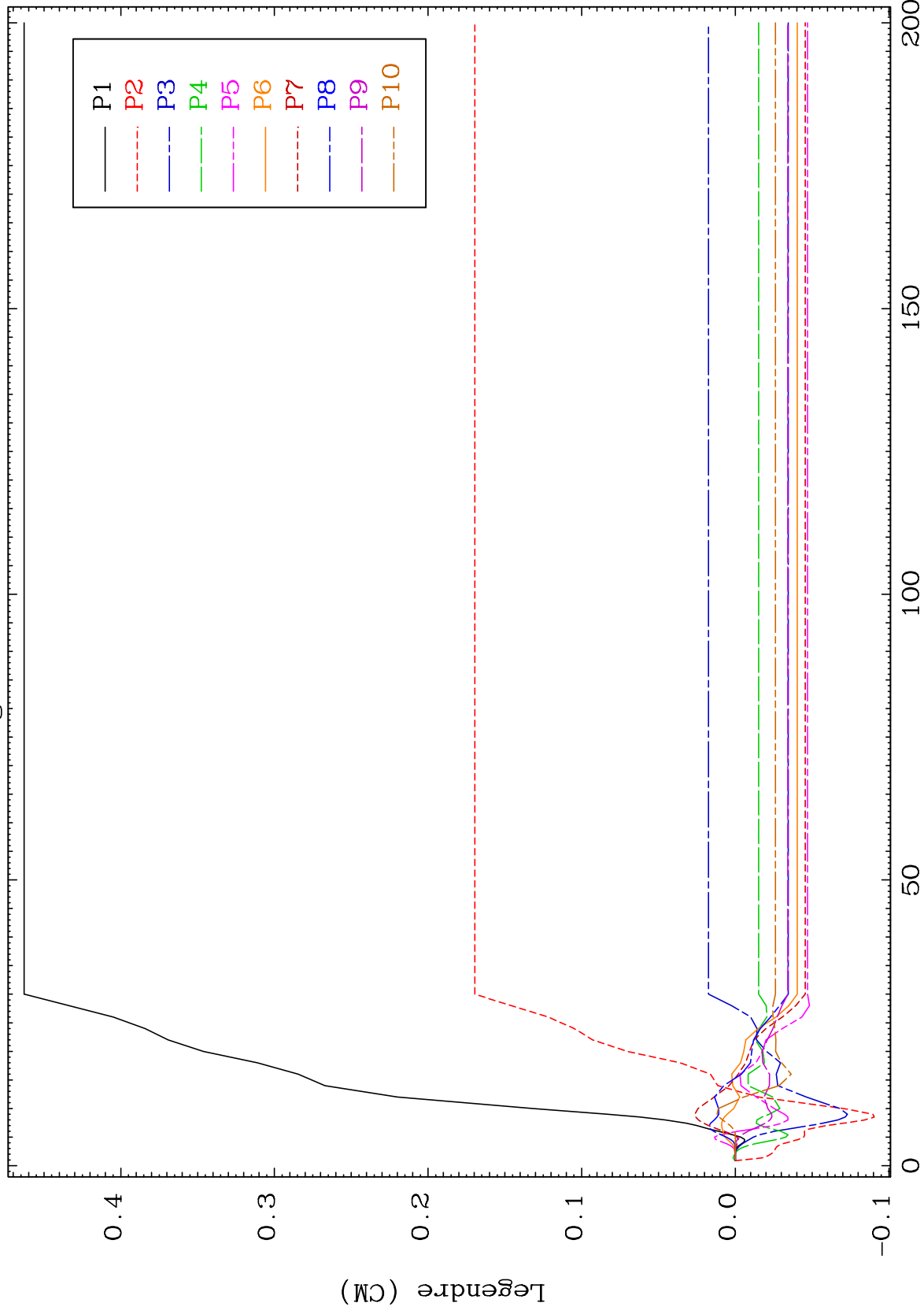
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MAT 7925

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

79-Au-197



52

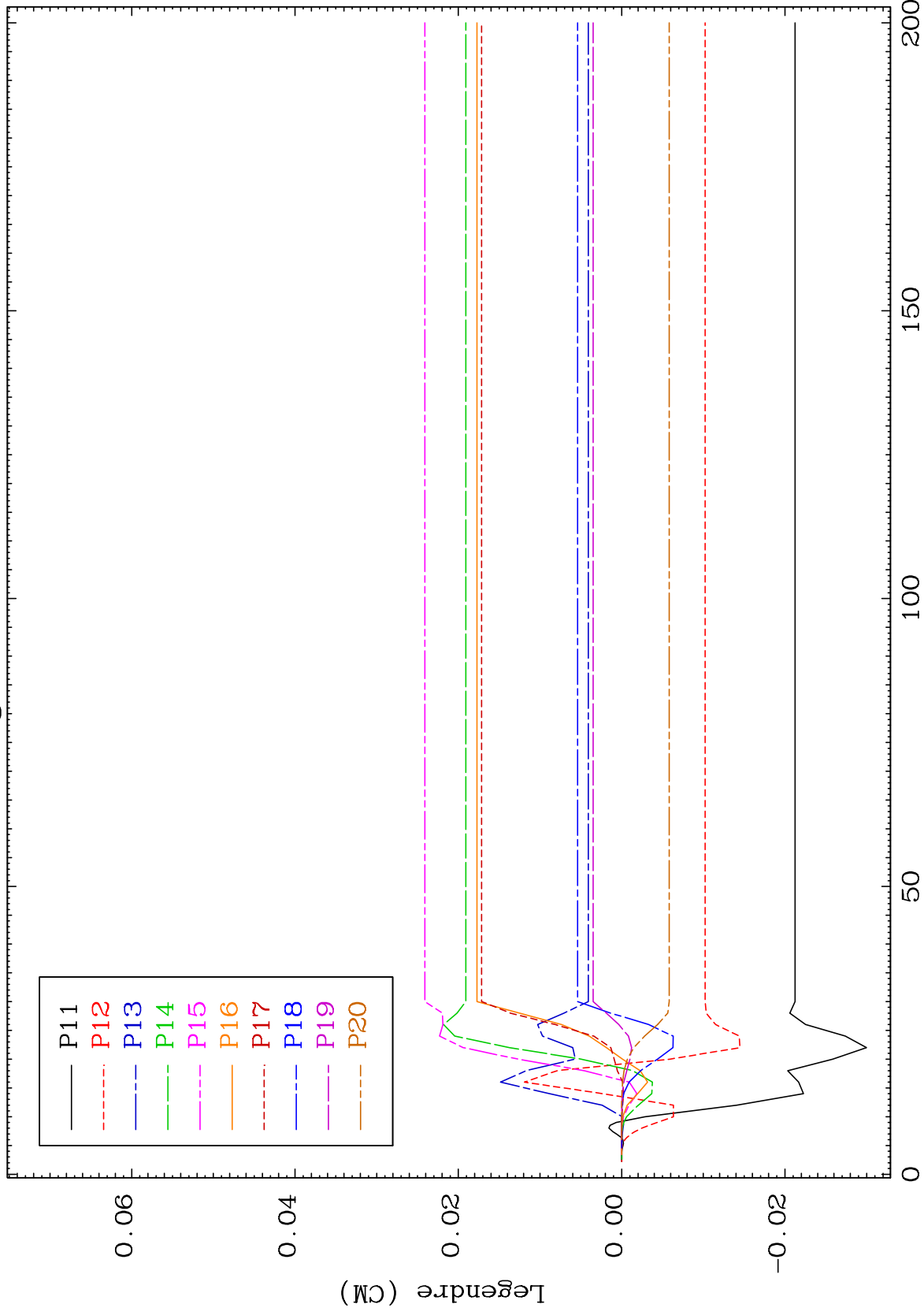
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



53

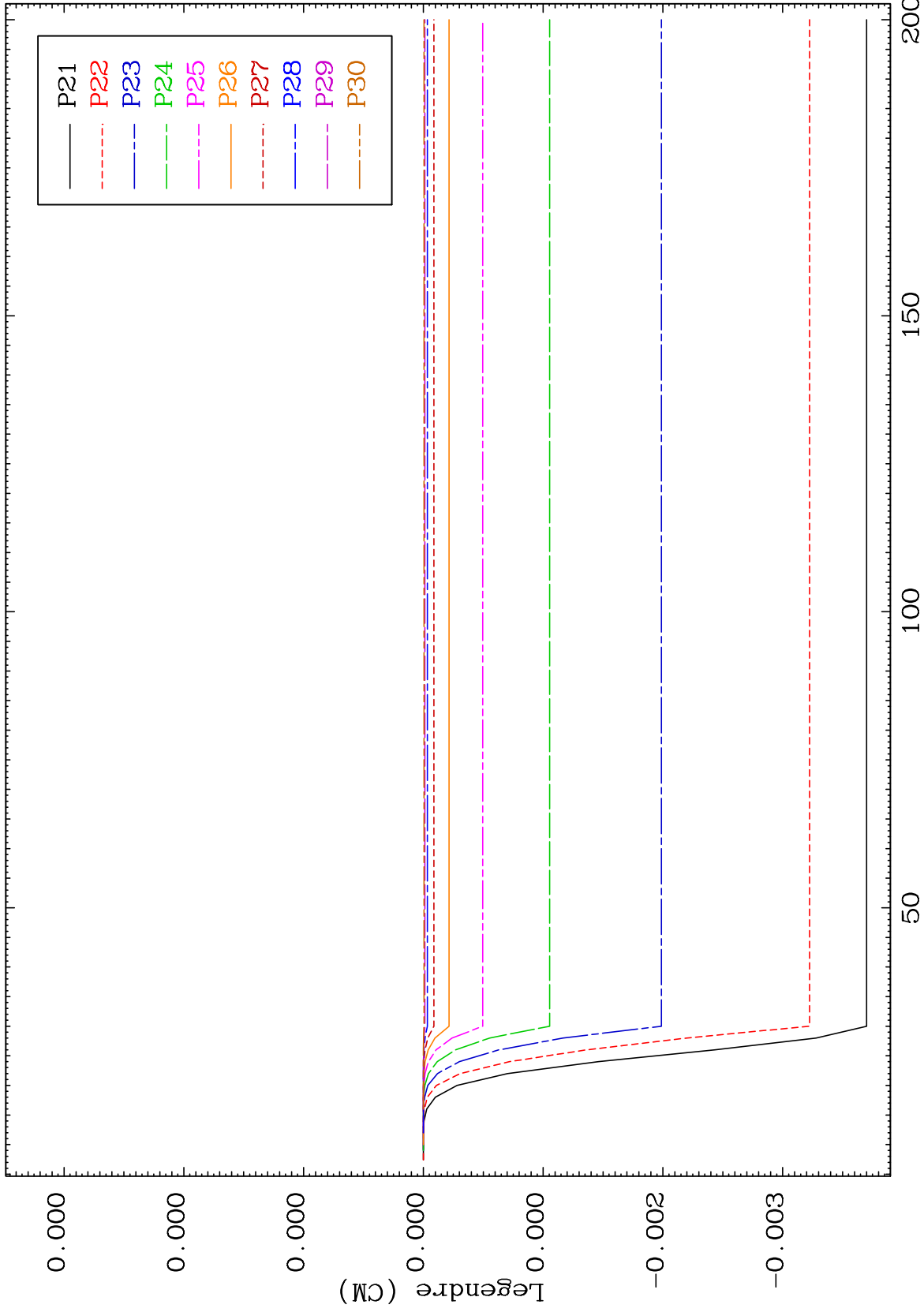
Incident Energy (MeV)

79-Au-197

MAT 7925

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

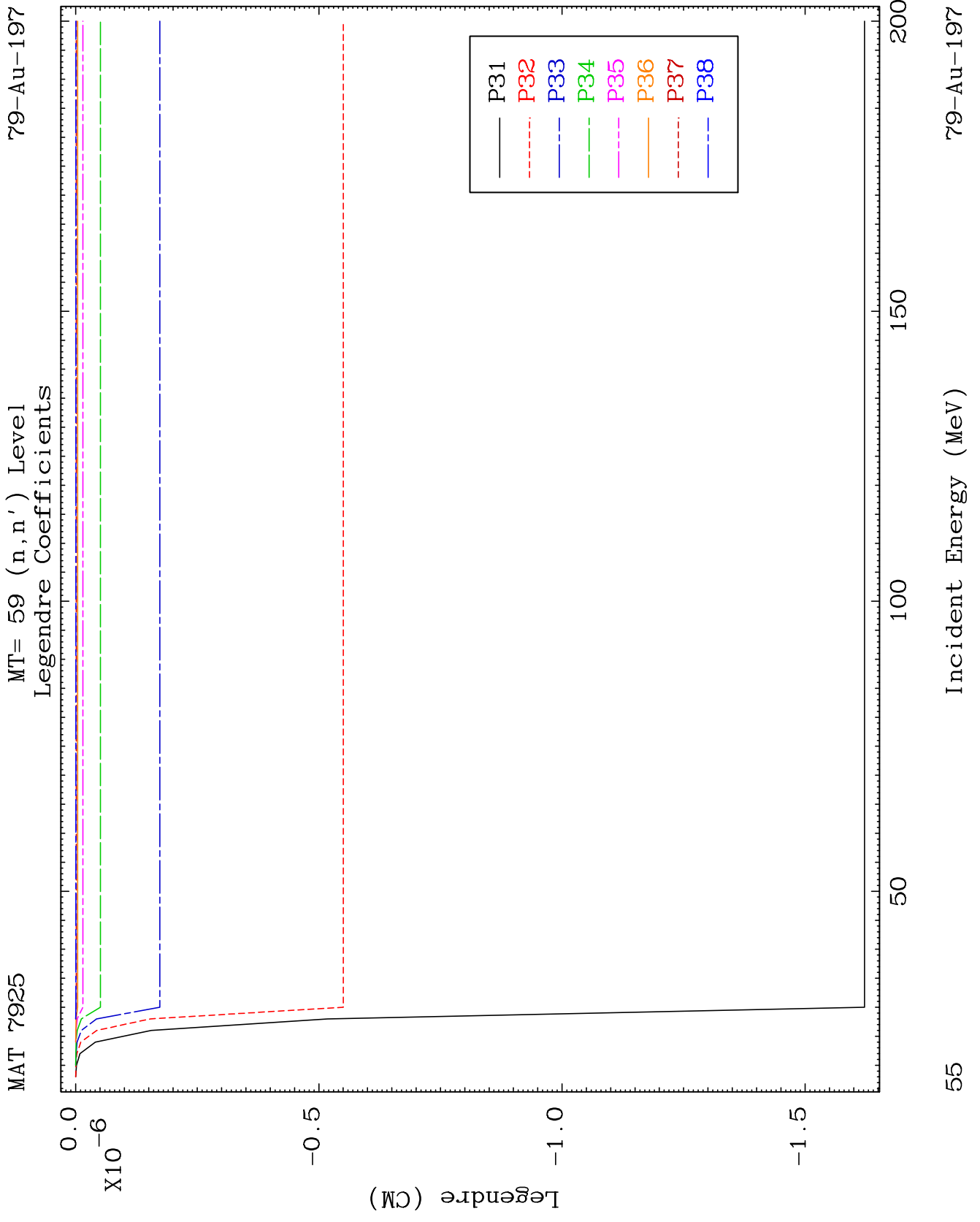
79-Au-197



54

Incident Energy (MeV)

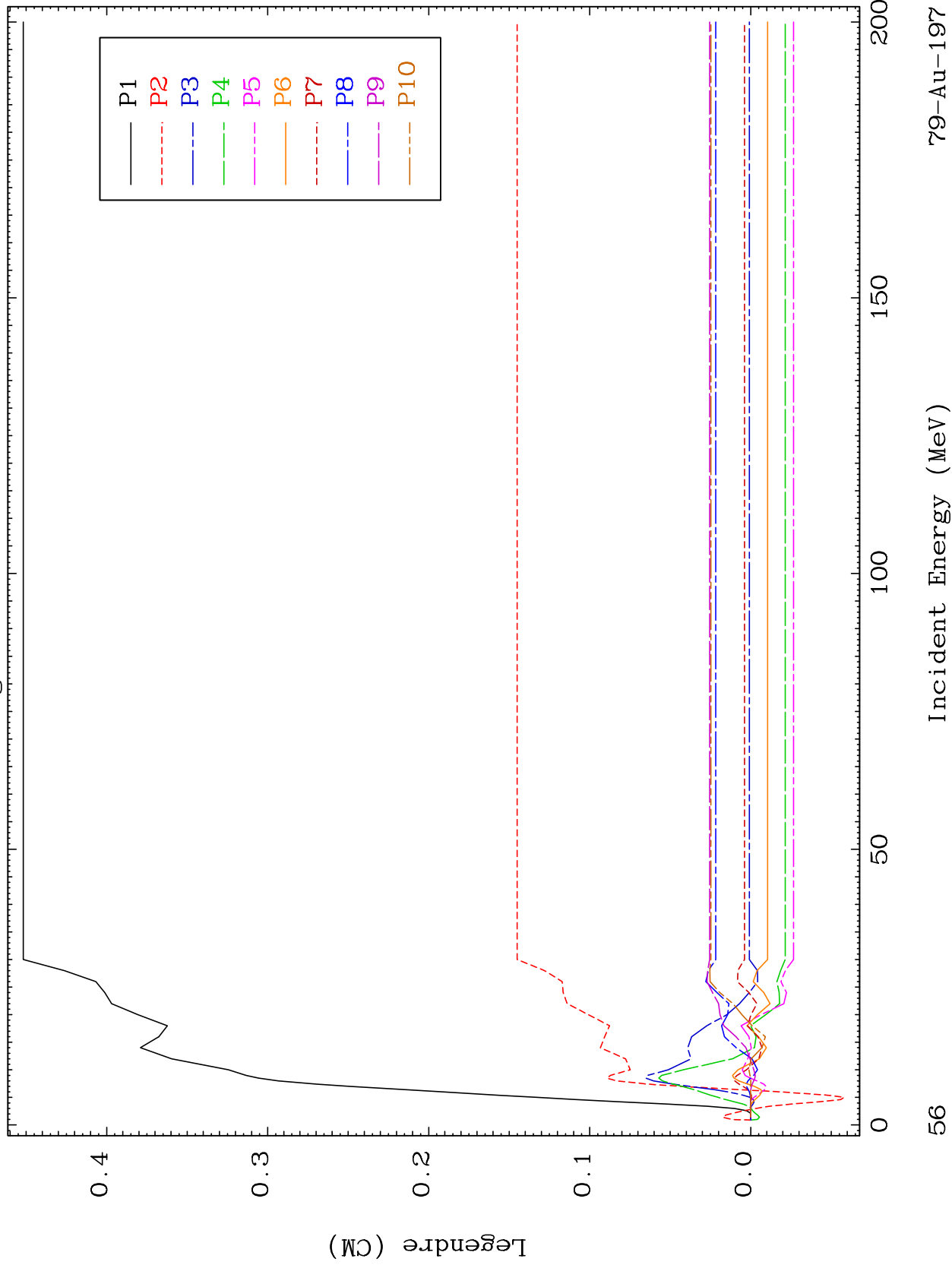
79-Au-197



MAT 7925

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

79-Au-197



79-Au-197

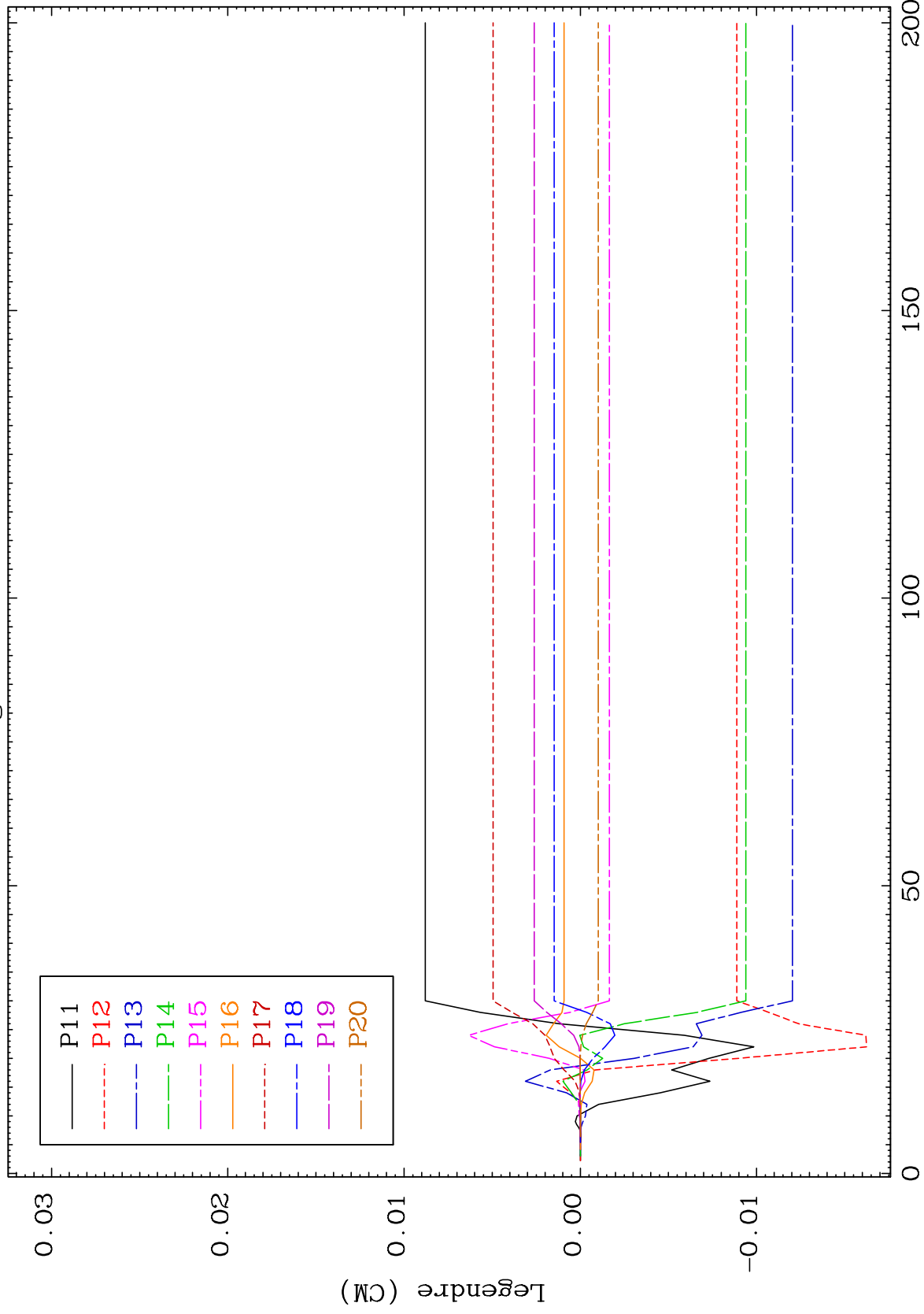
Incident Energy (MeV)

56

MAT 7925

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

79-Au-197



57

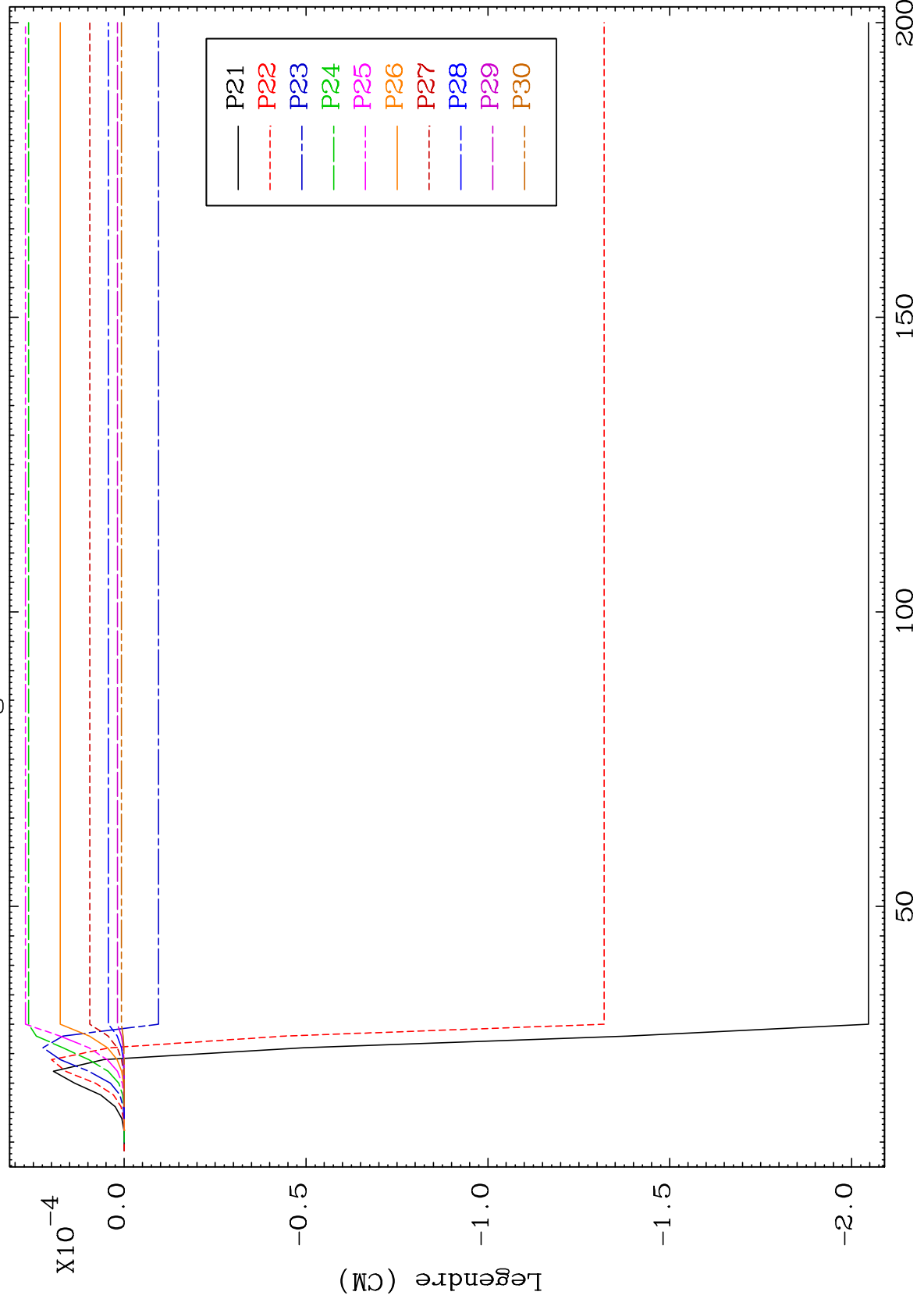
Incident Energy (MeV)

79-Au-197

MAT 7925

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

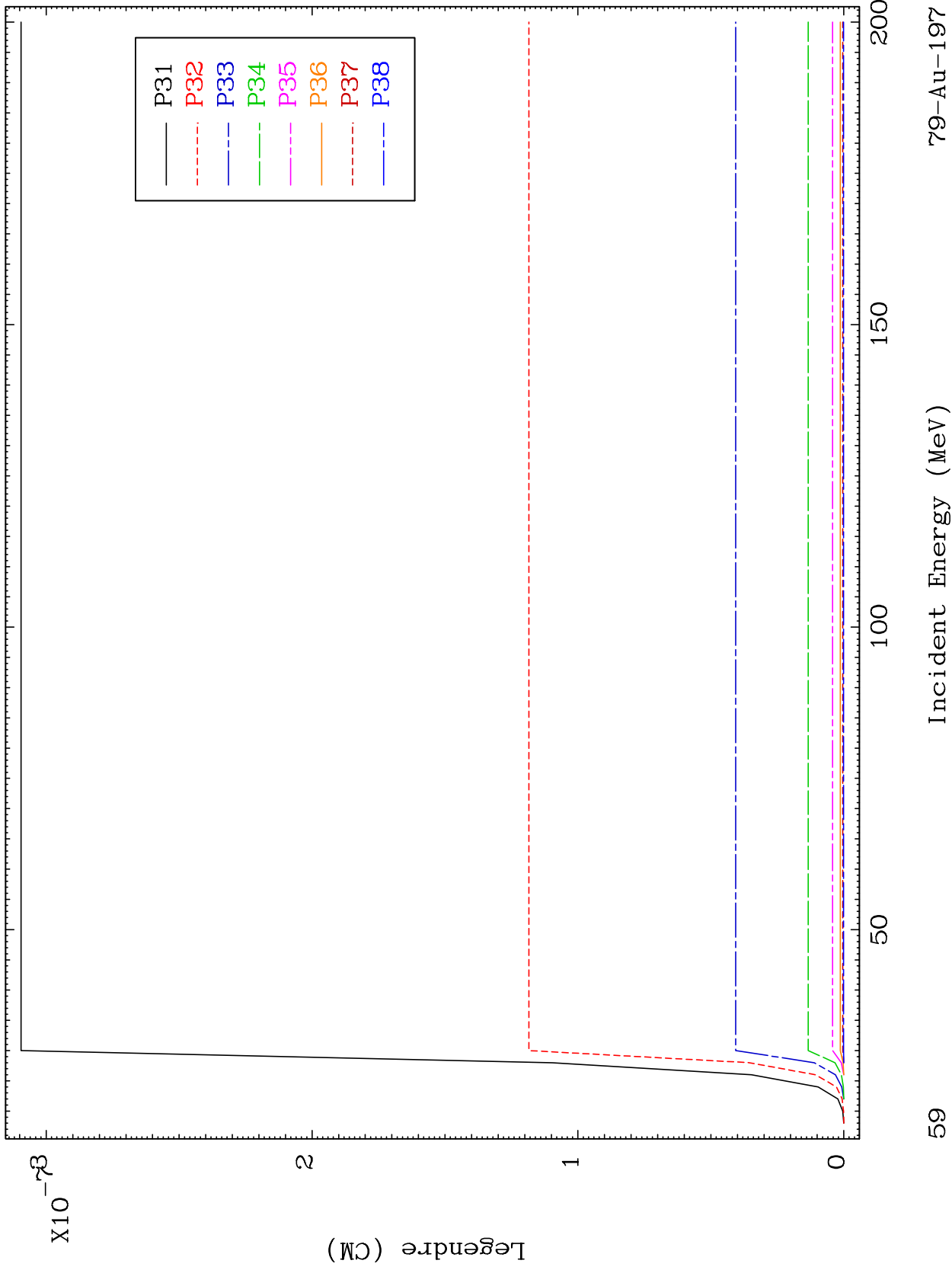
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MAT 7925

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

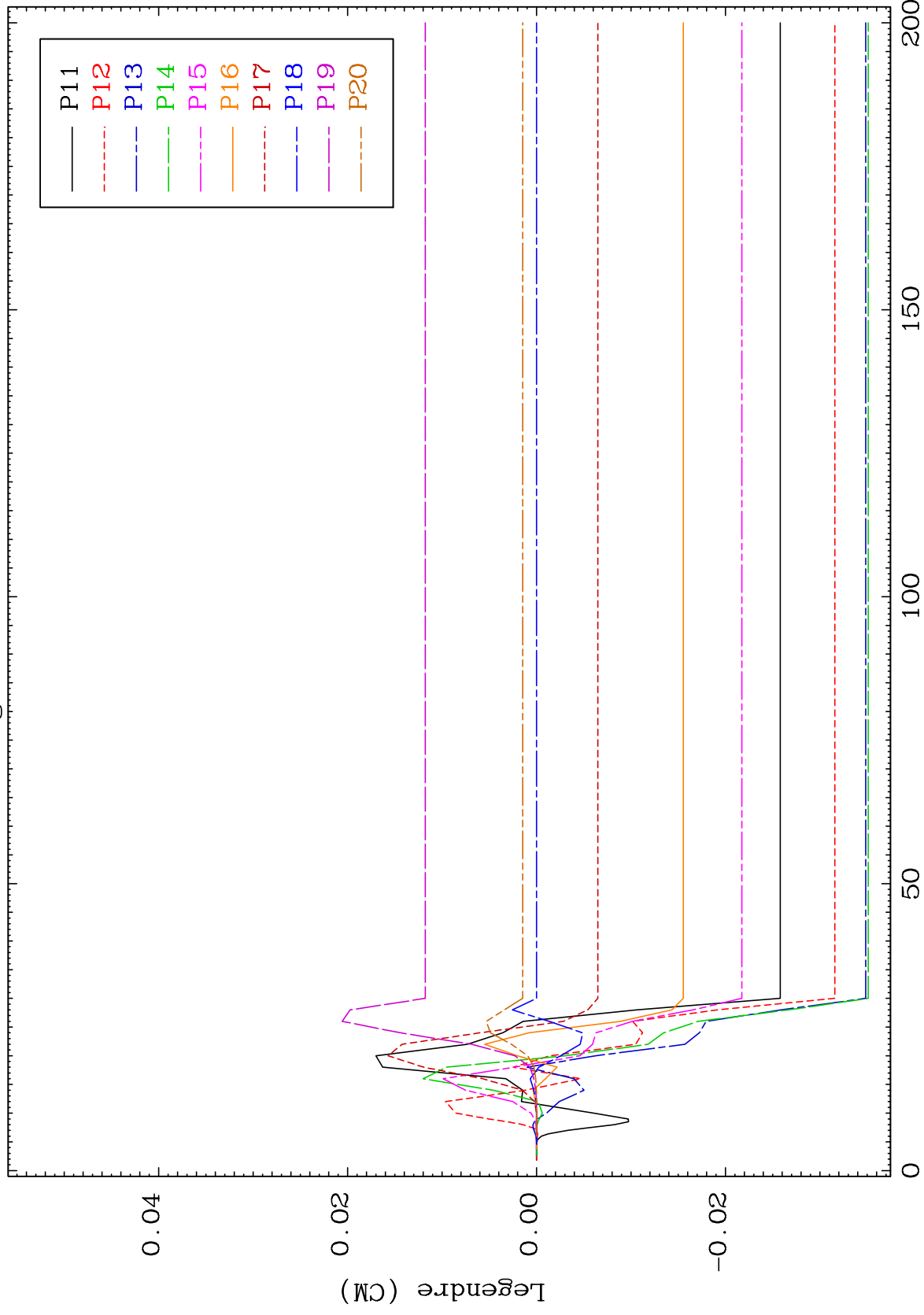
79-Au-197



MAT 7925

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

79-Au-197



61

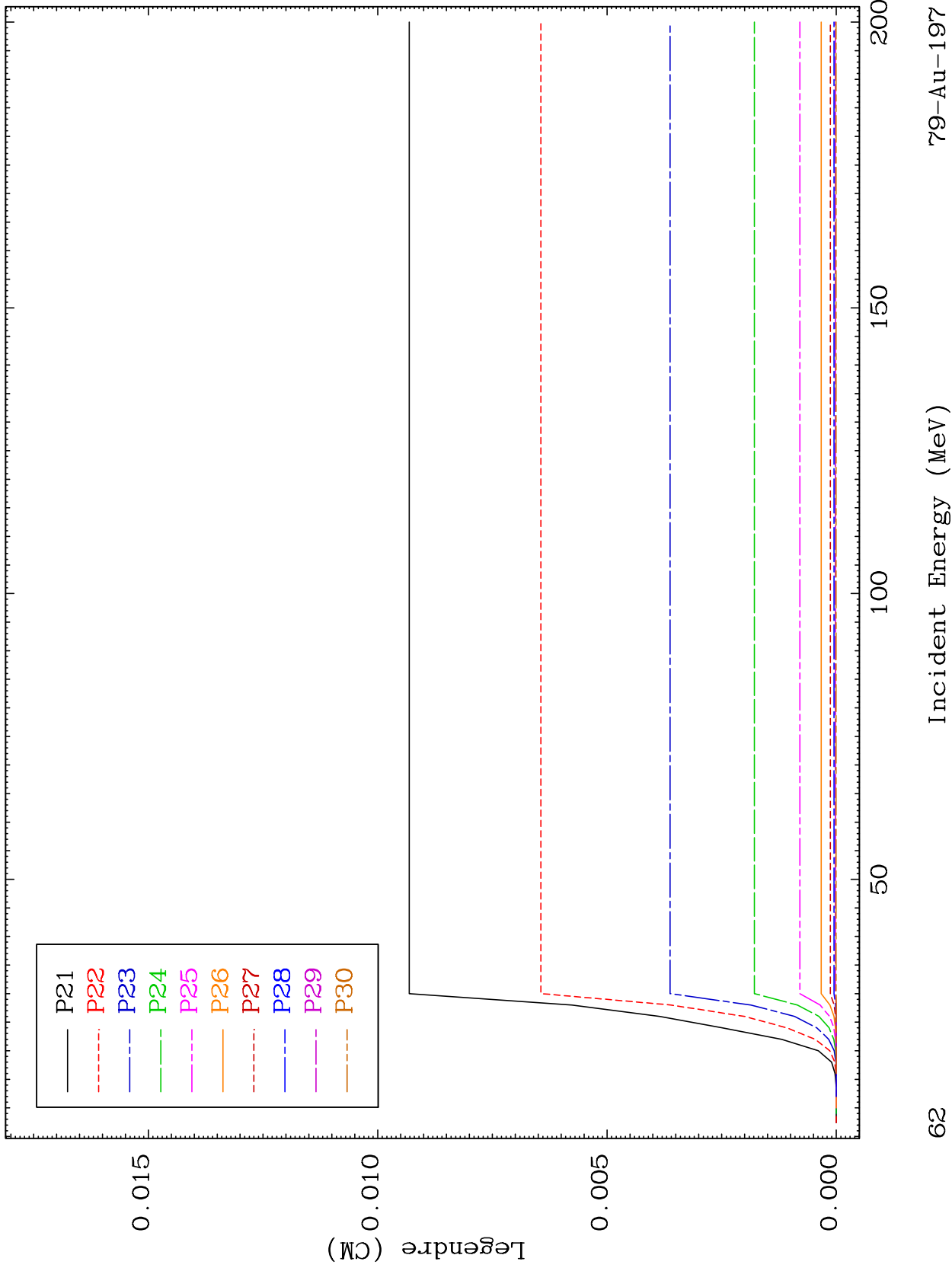
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



62

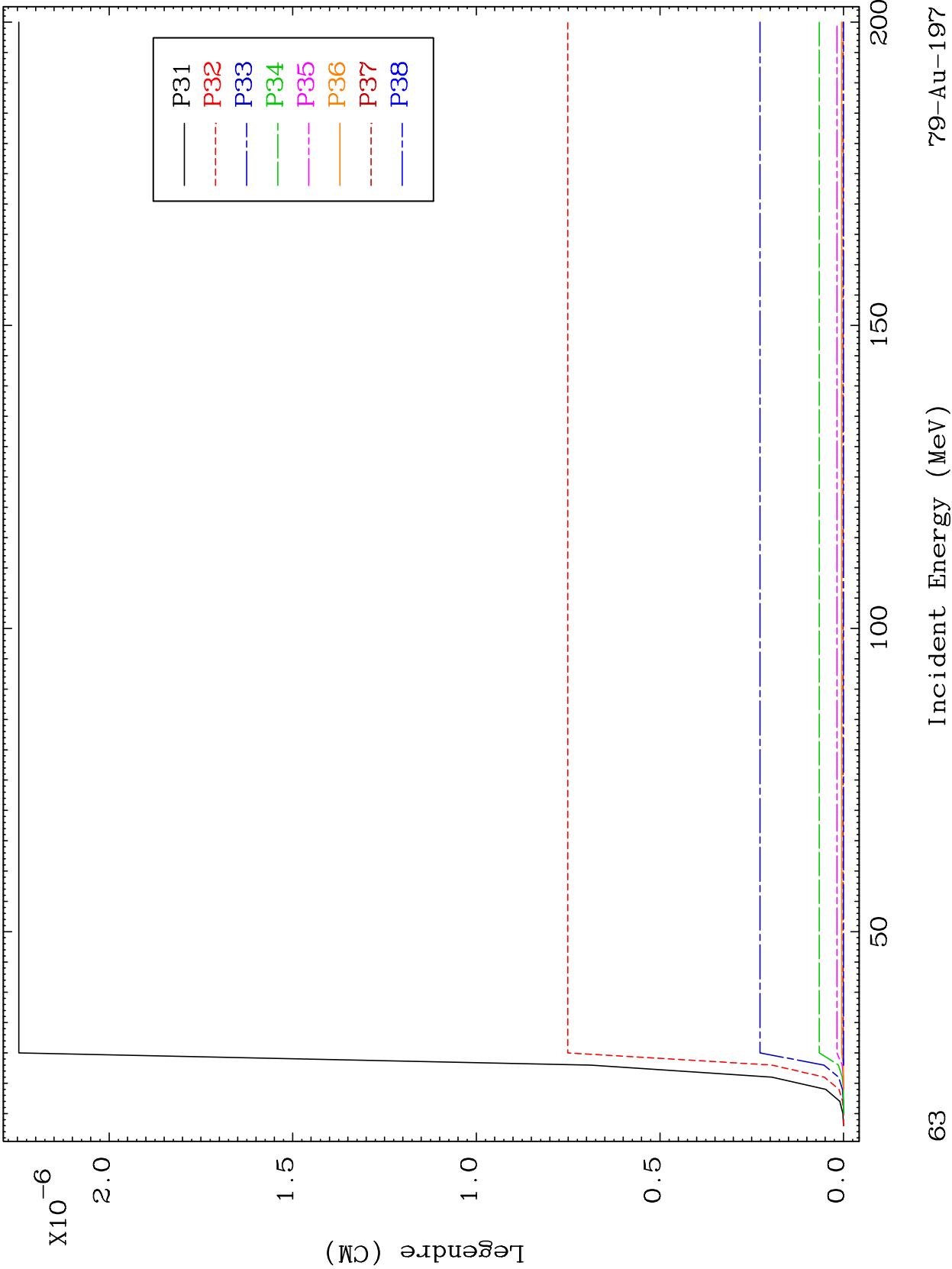
Incident Energy (MeV)

79-Au-197

MAT 7925

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

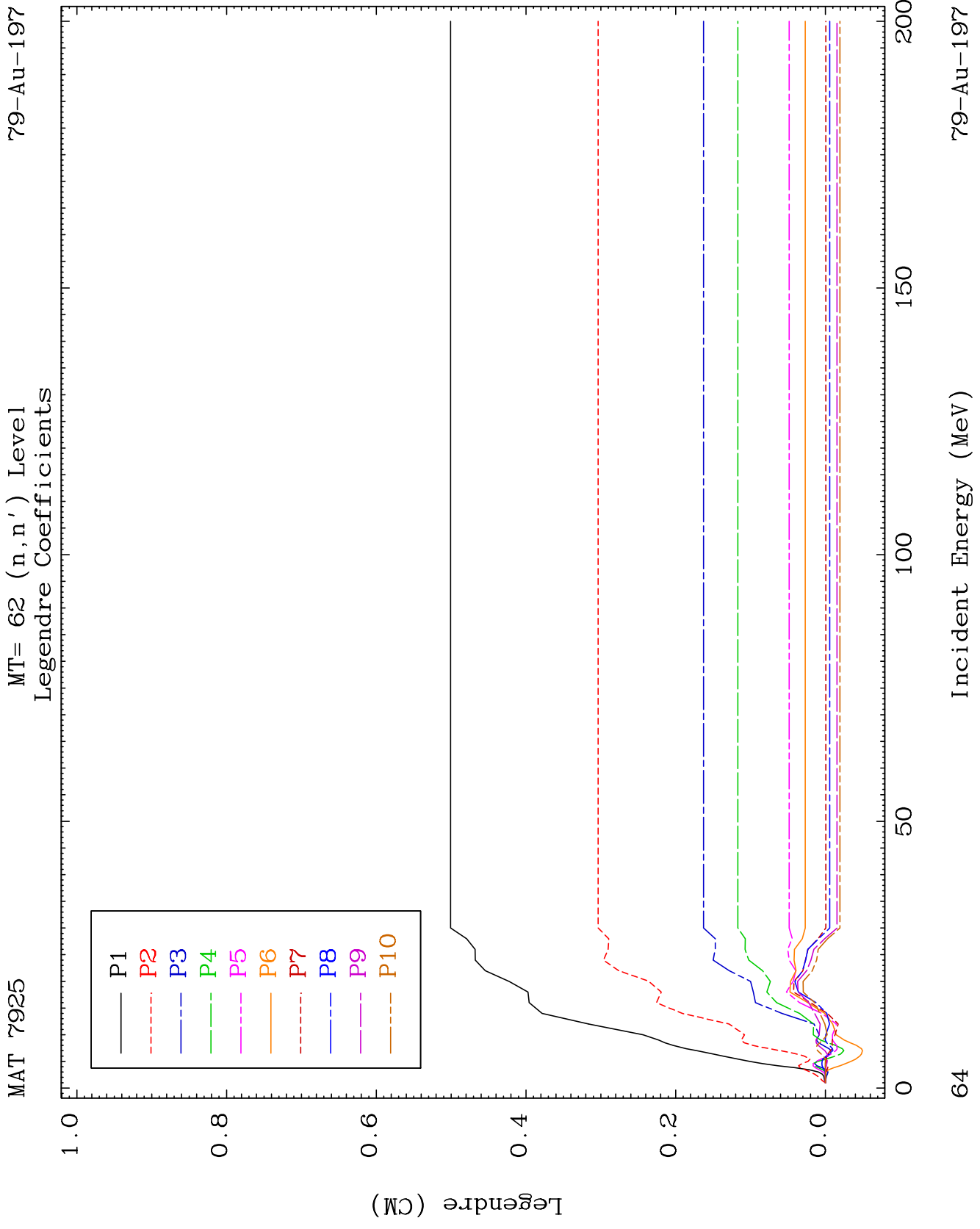
79-Au-197



63

Incident Energy (MeV)

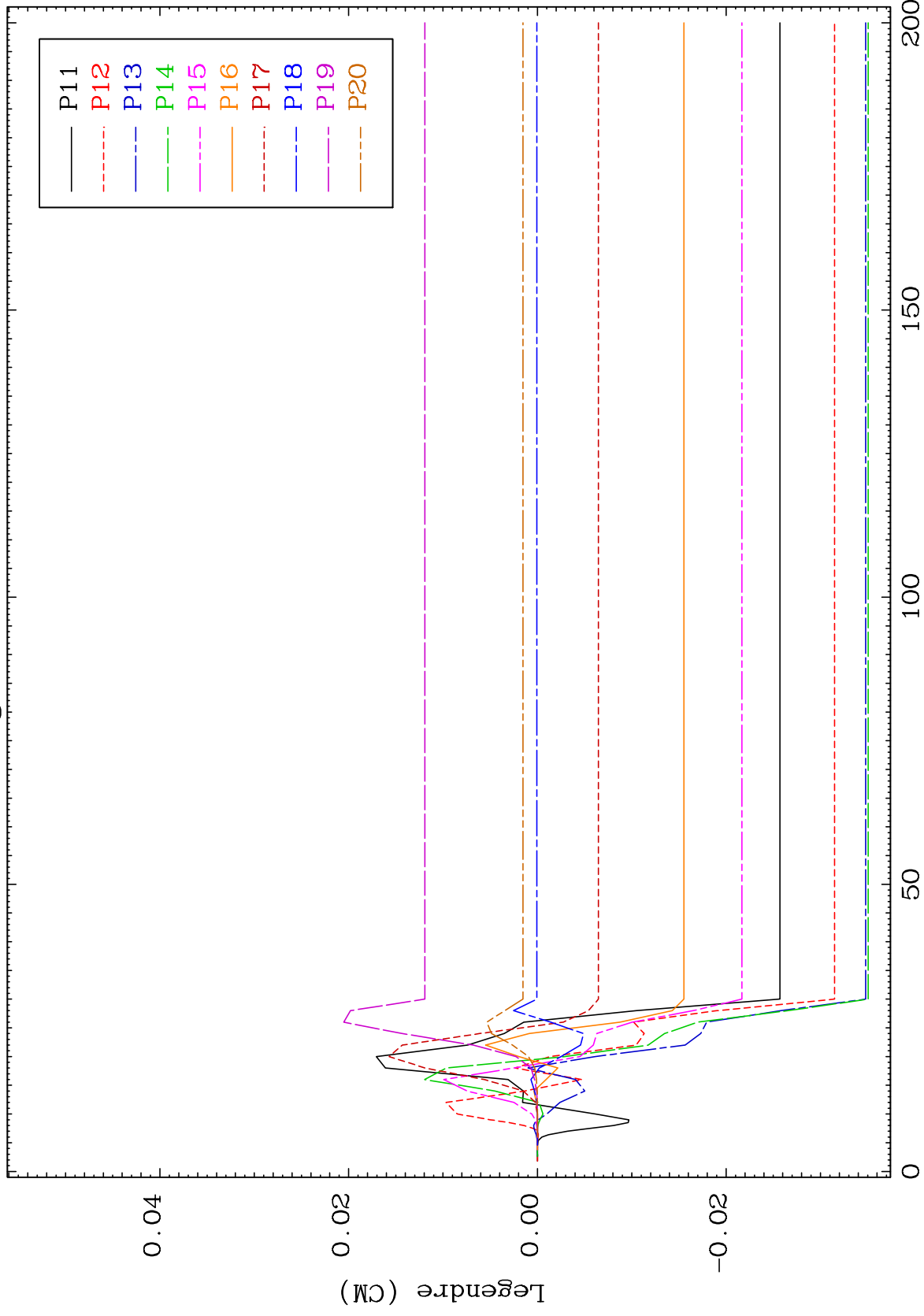
79-Au-197



MAT 7925

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

79-Au-197



65

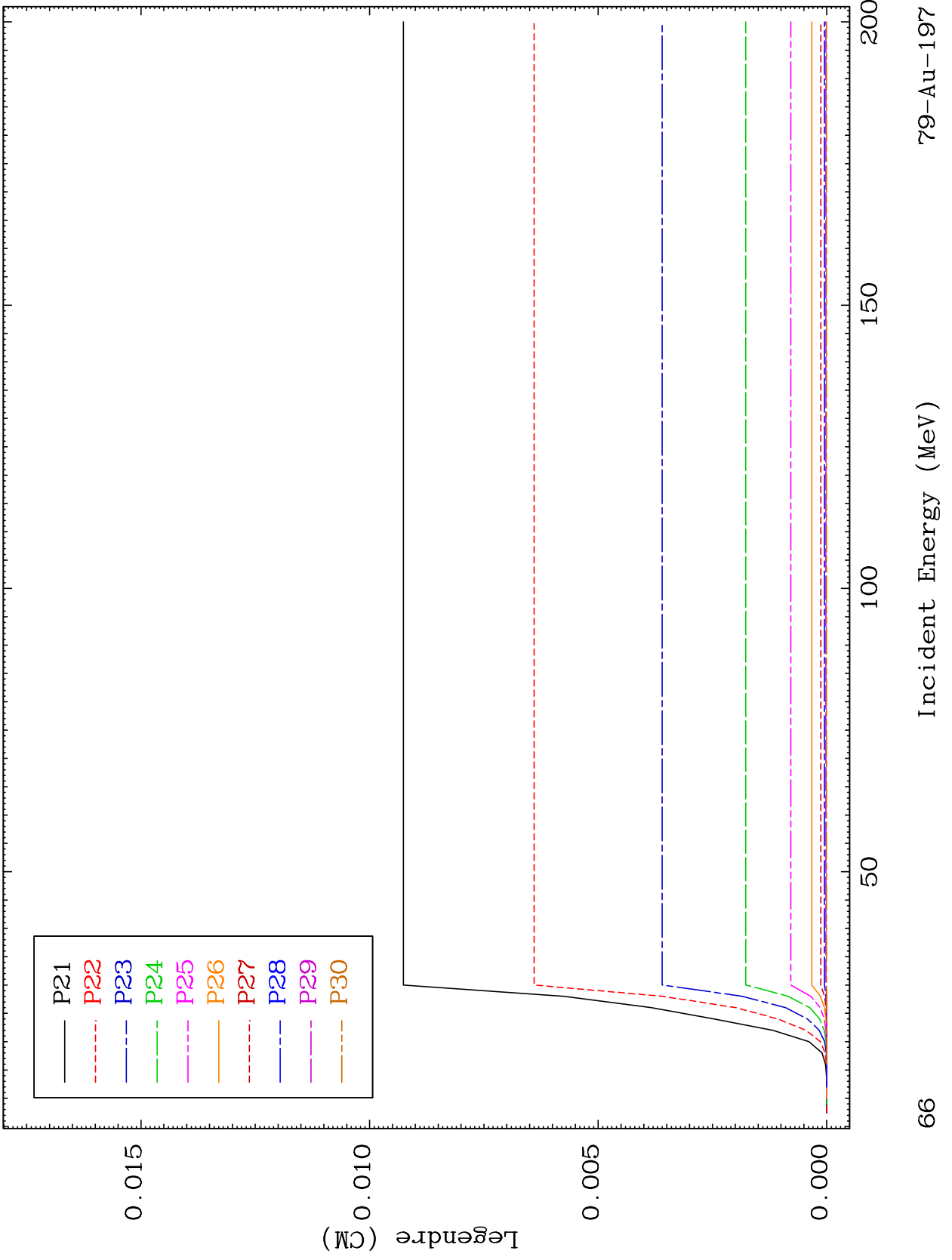
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



66

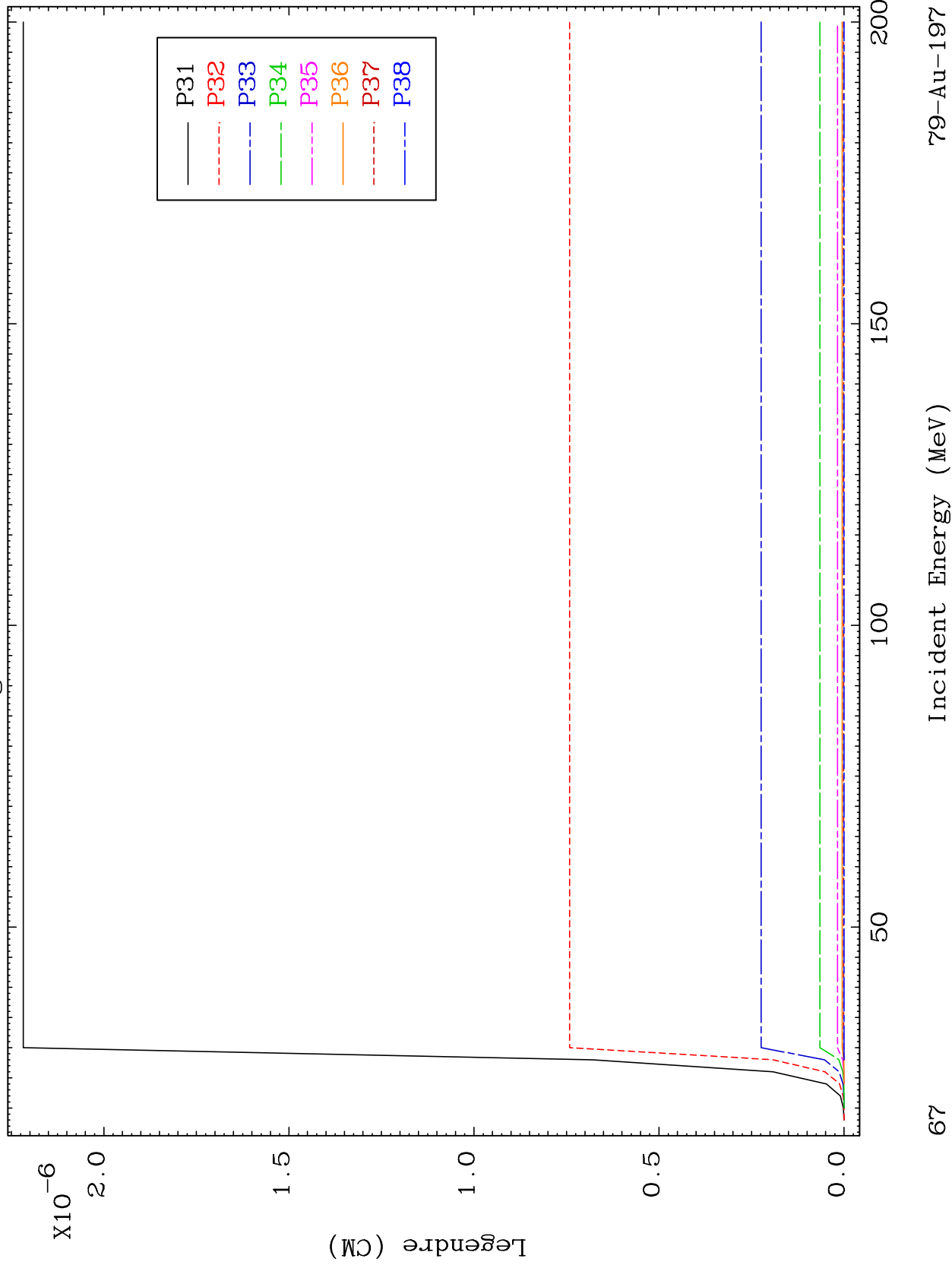
Incident Energy (MeV)

79-Au-197

MAT 7925

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

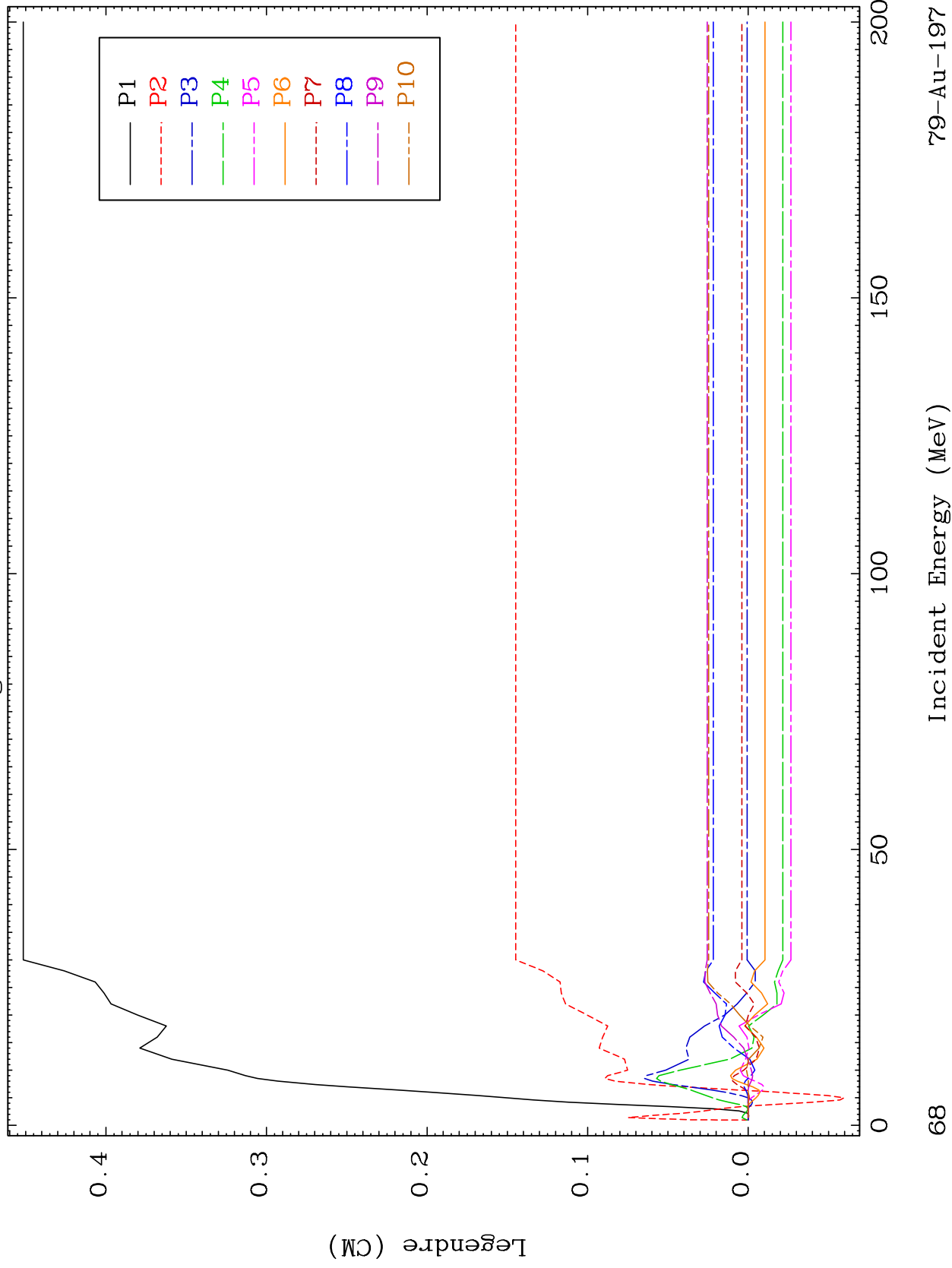
79-Au-197



MAT 7925

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

79-Au-197



79-Au-197

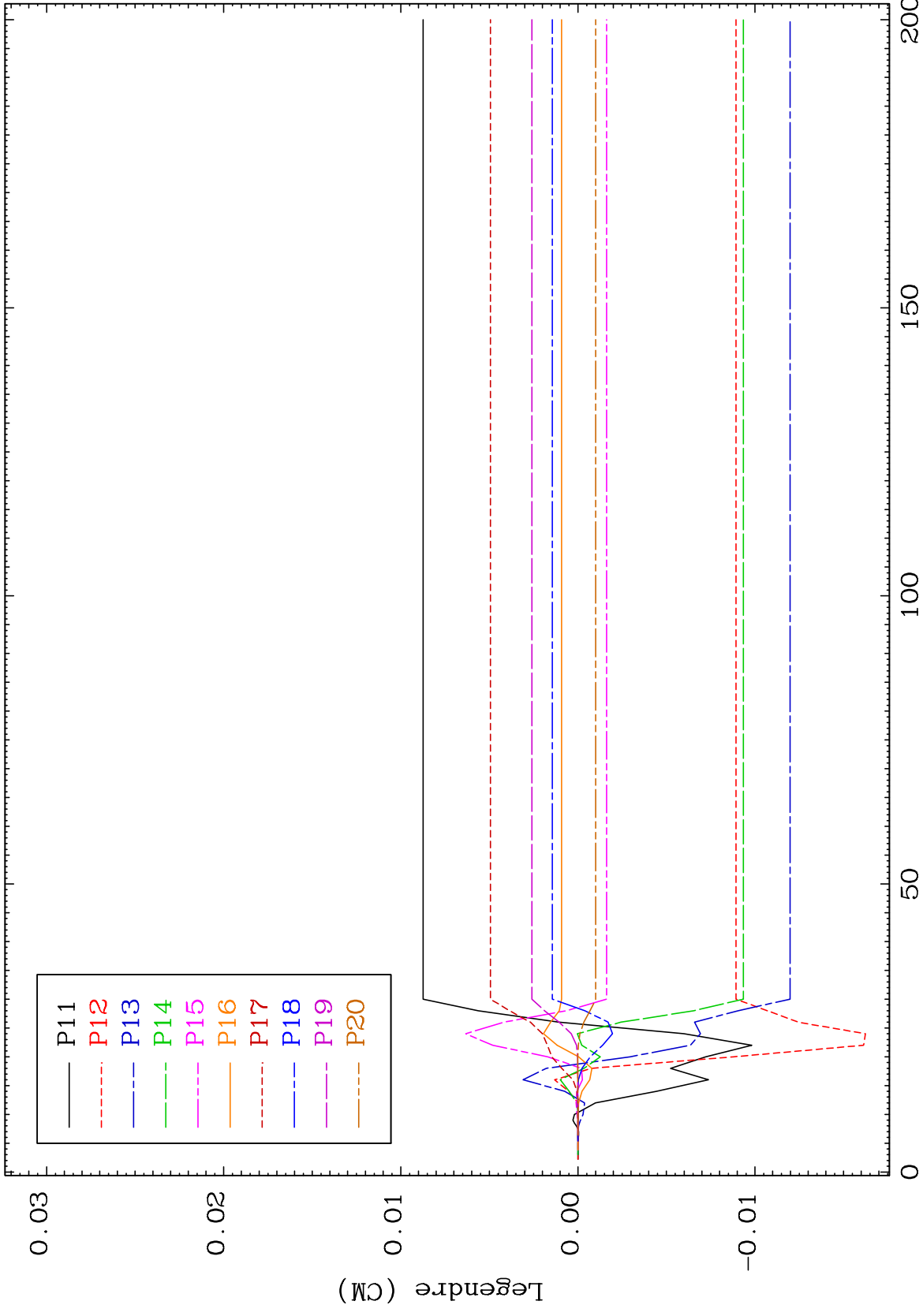
Incident Energy (MeV)

68

MAT 7925

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

79-Au-197



69

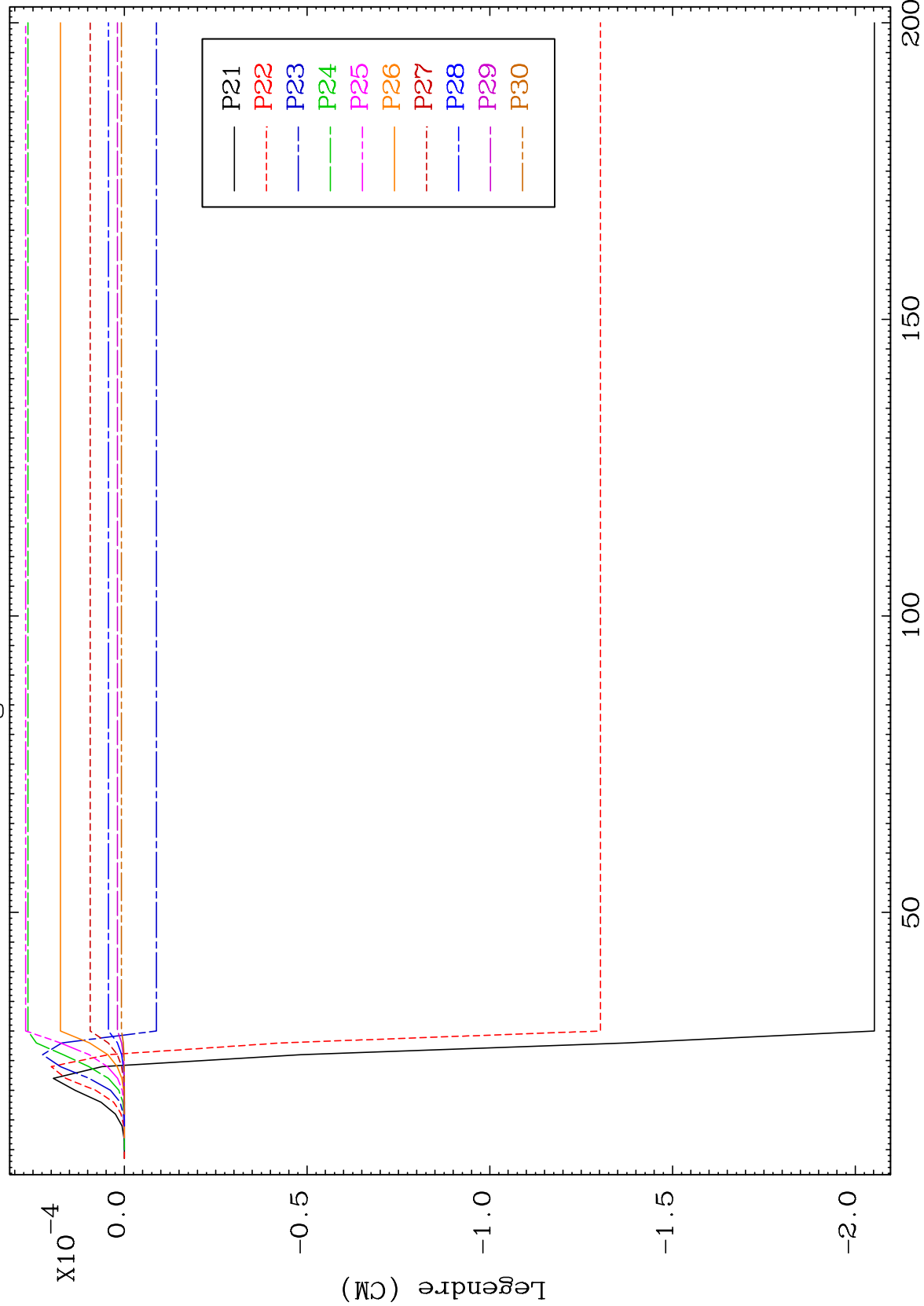
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



79-Au-197

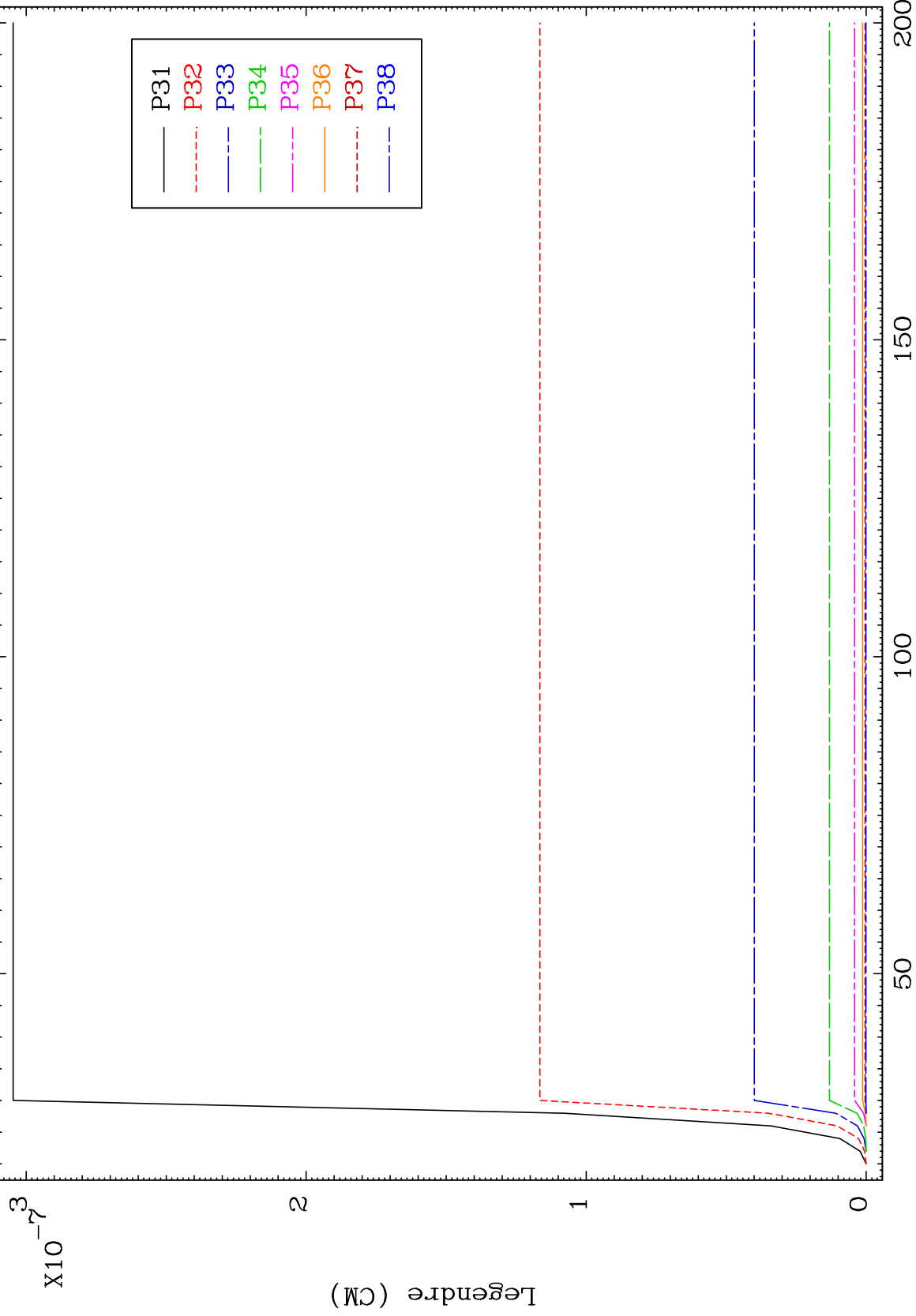
Incident Energy (MeV)

70

MAT 7925

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

79-Au-197



71

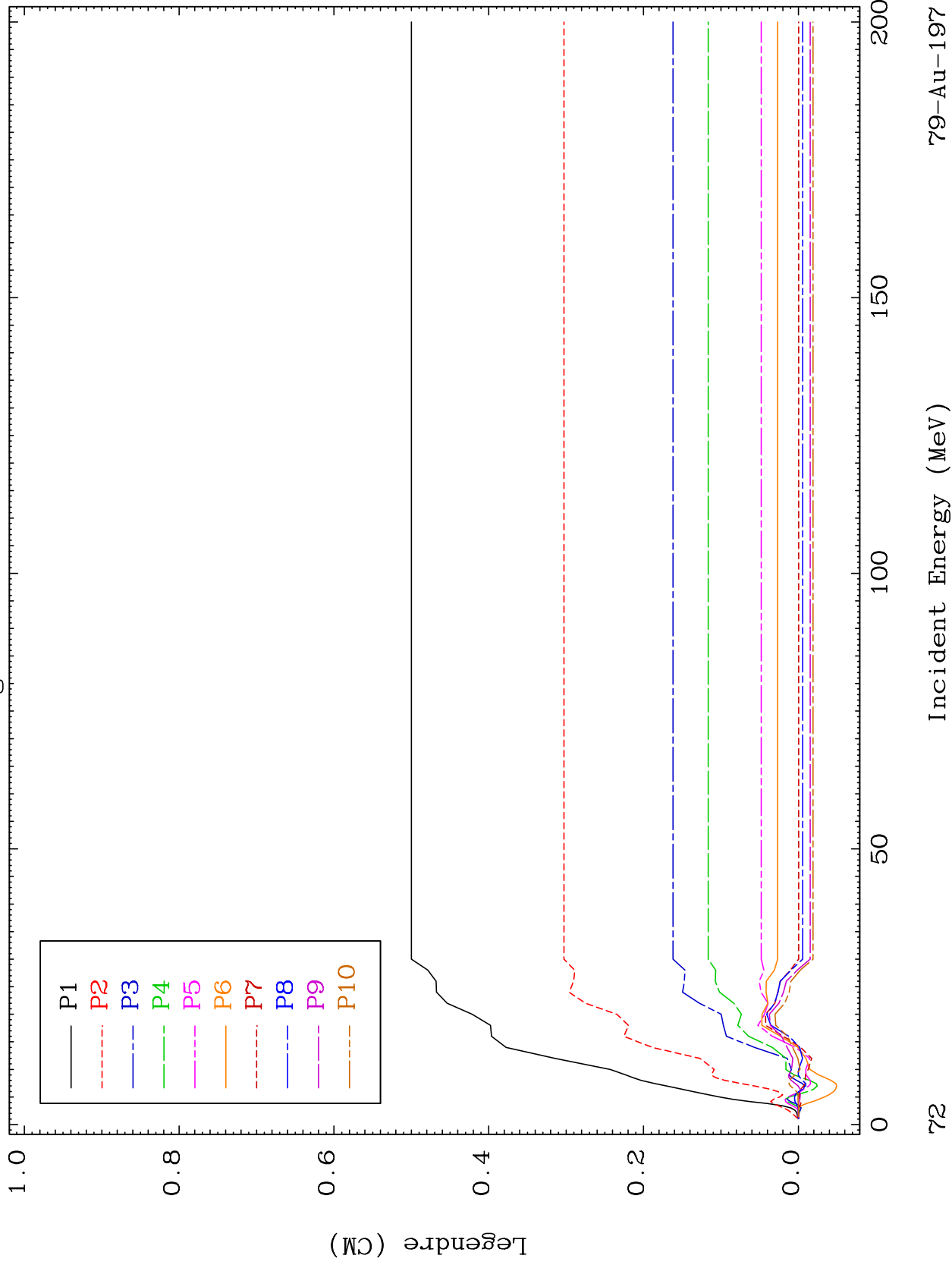
Incident Energy (MeV)

79-Au-197

MAT 7925

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

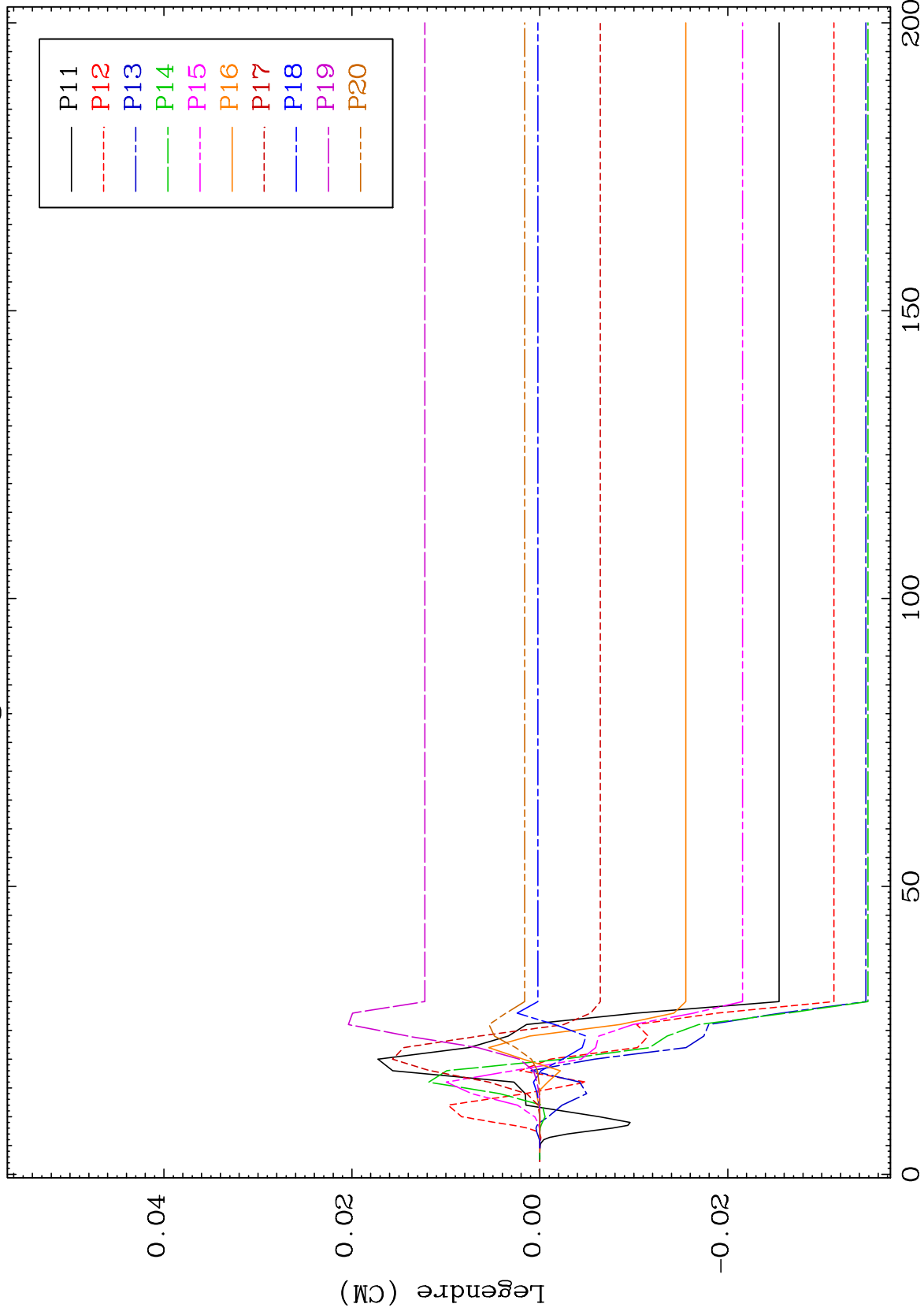
79-Au-197



MAT 7925

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

79-Au-197



73

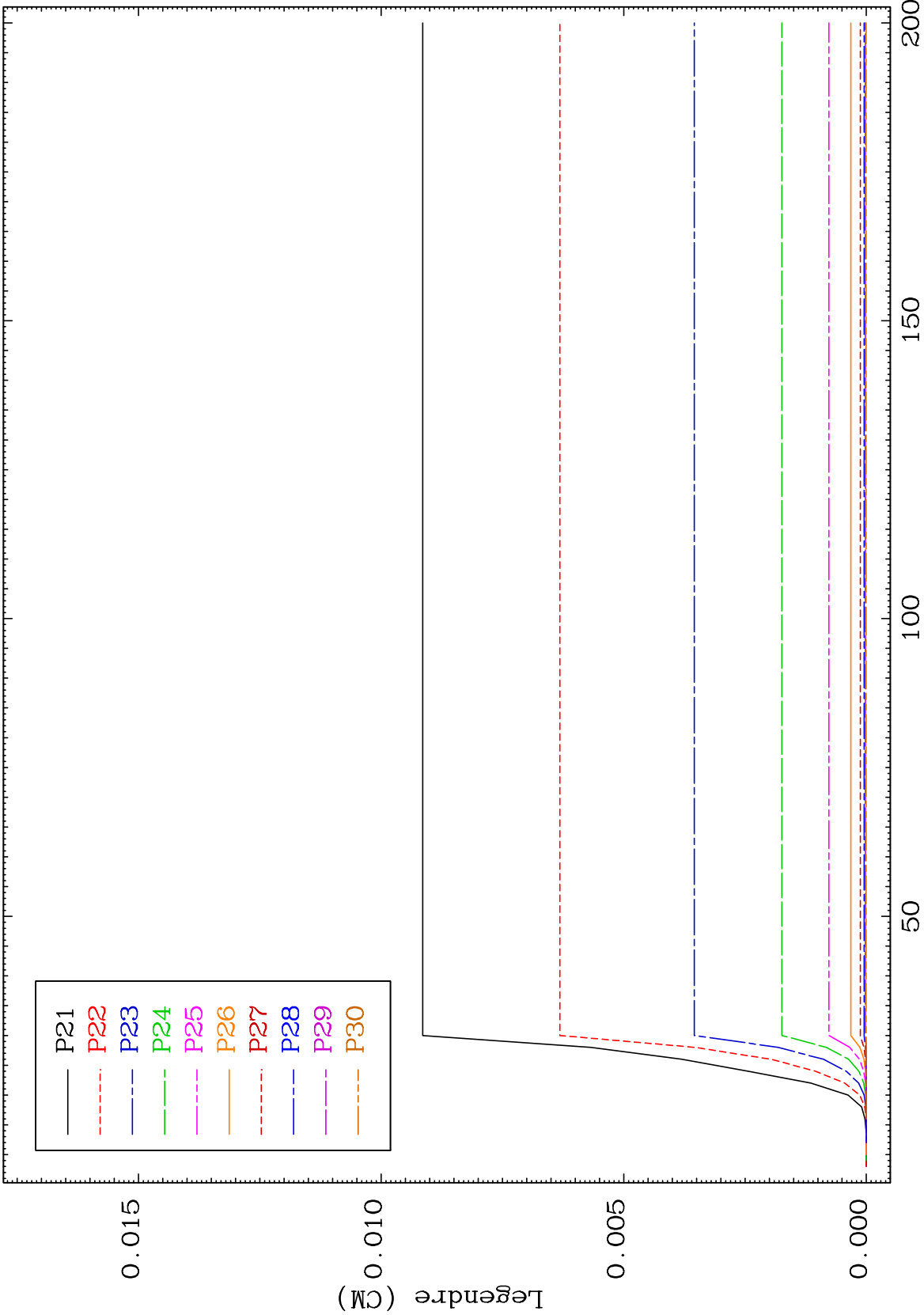
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



74

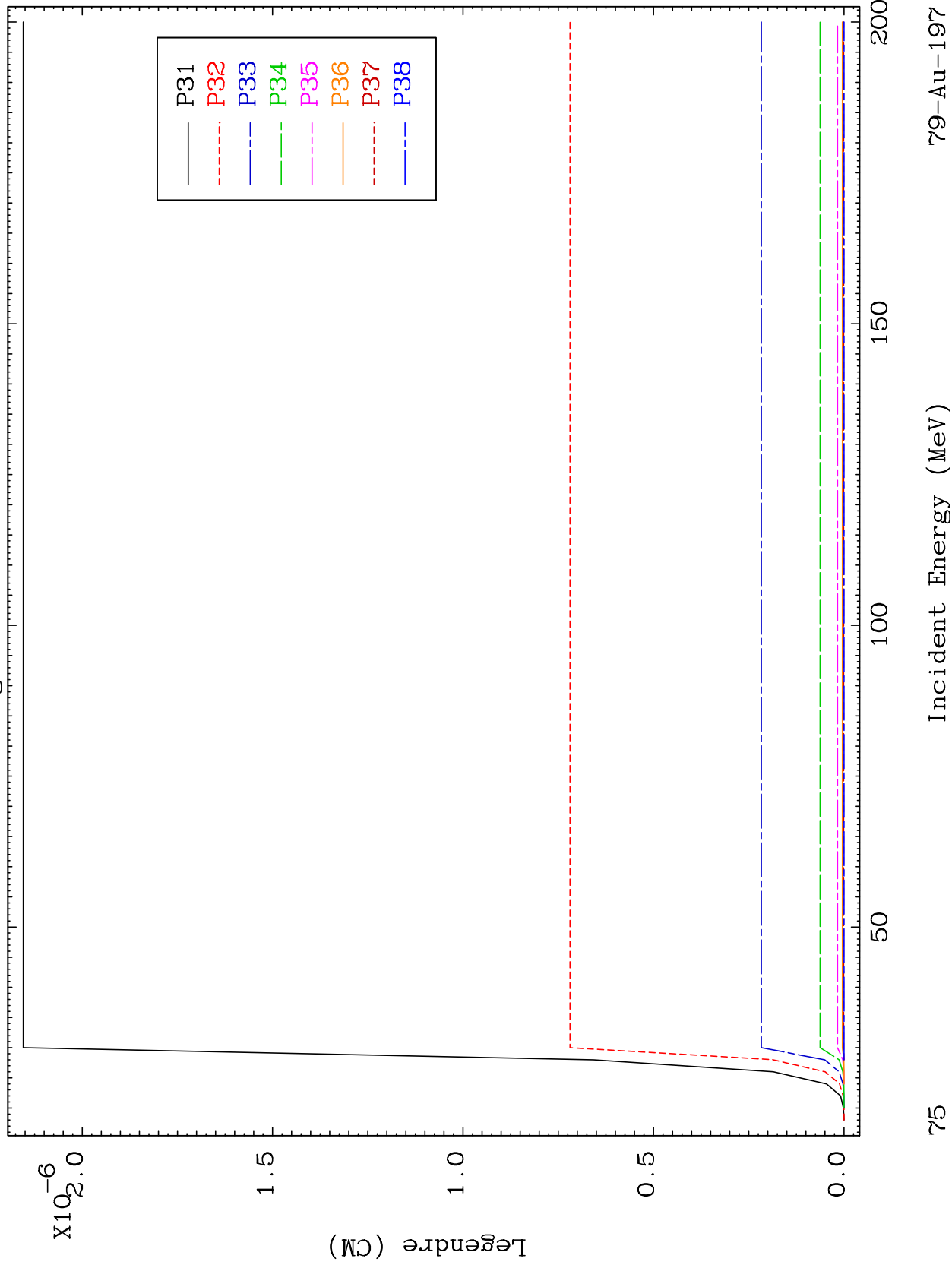
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



79-Au-197

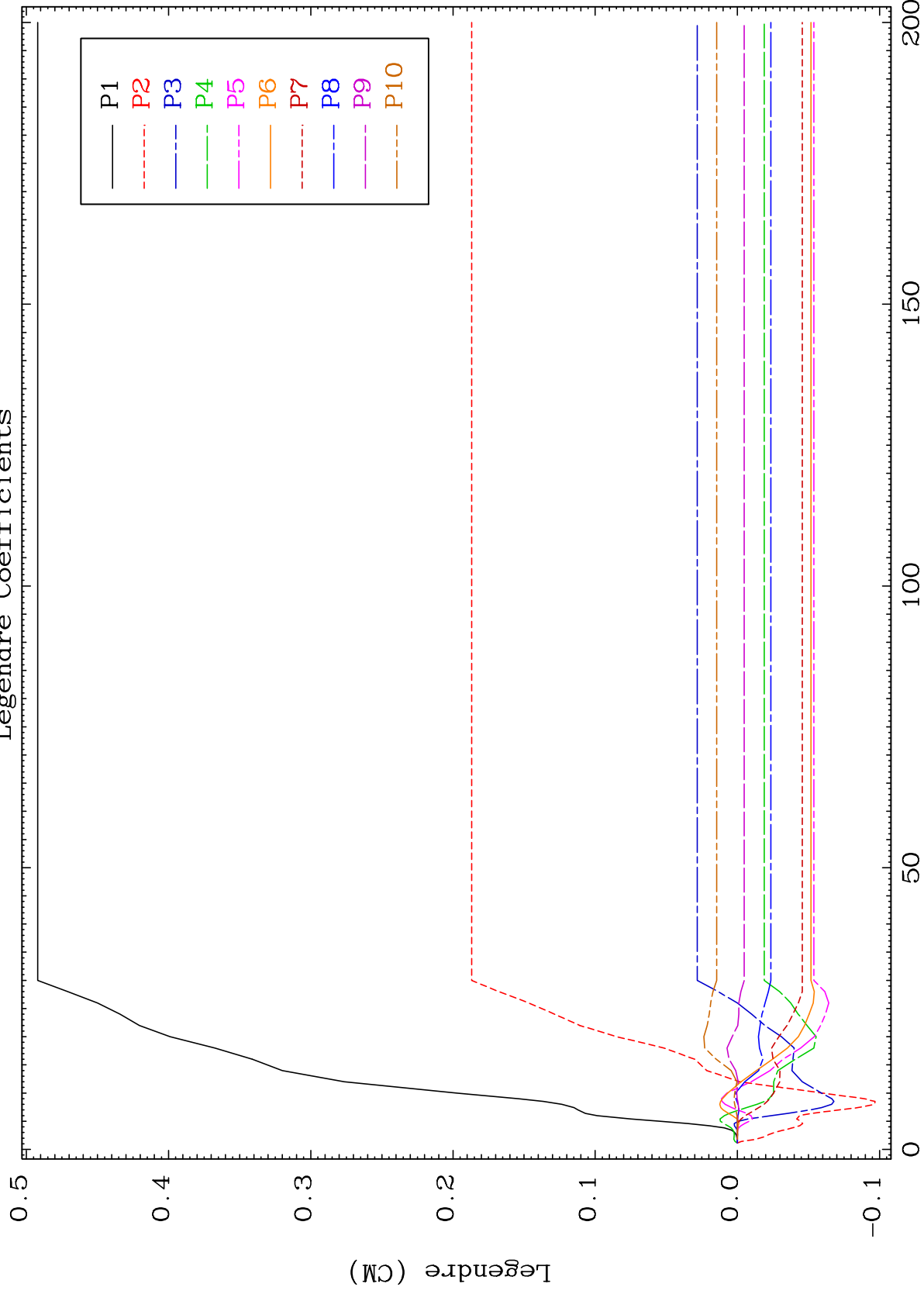
Incident Energy (MeV)

75

MAT 7925

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

79-Au-197



76

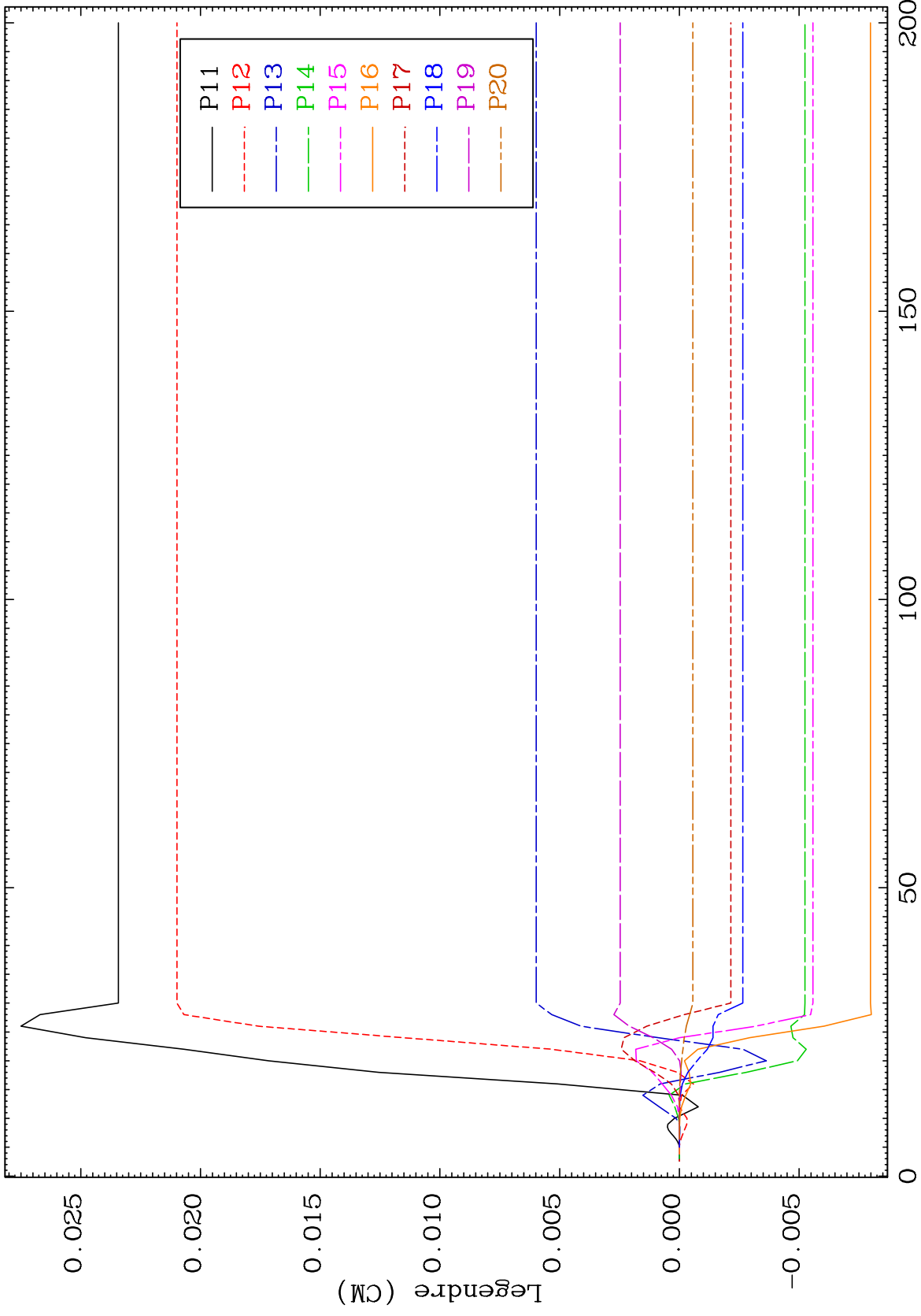
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



77

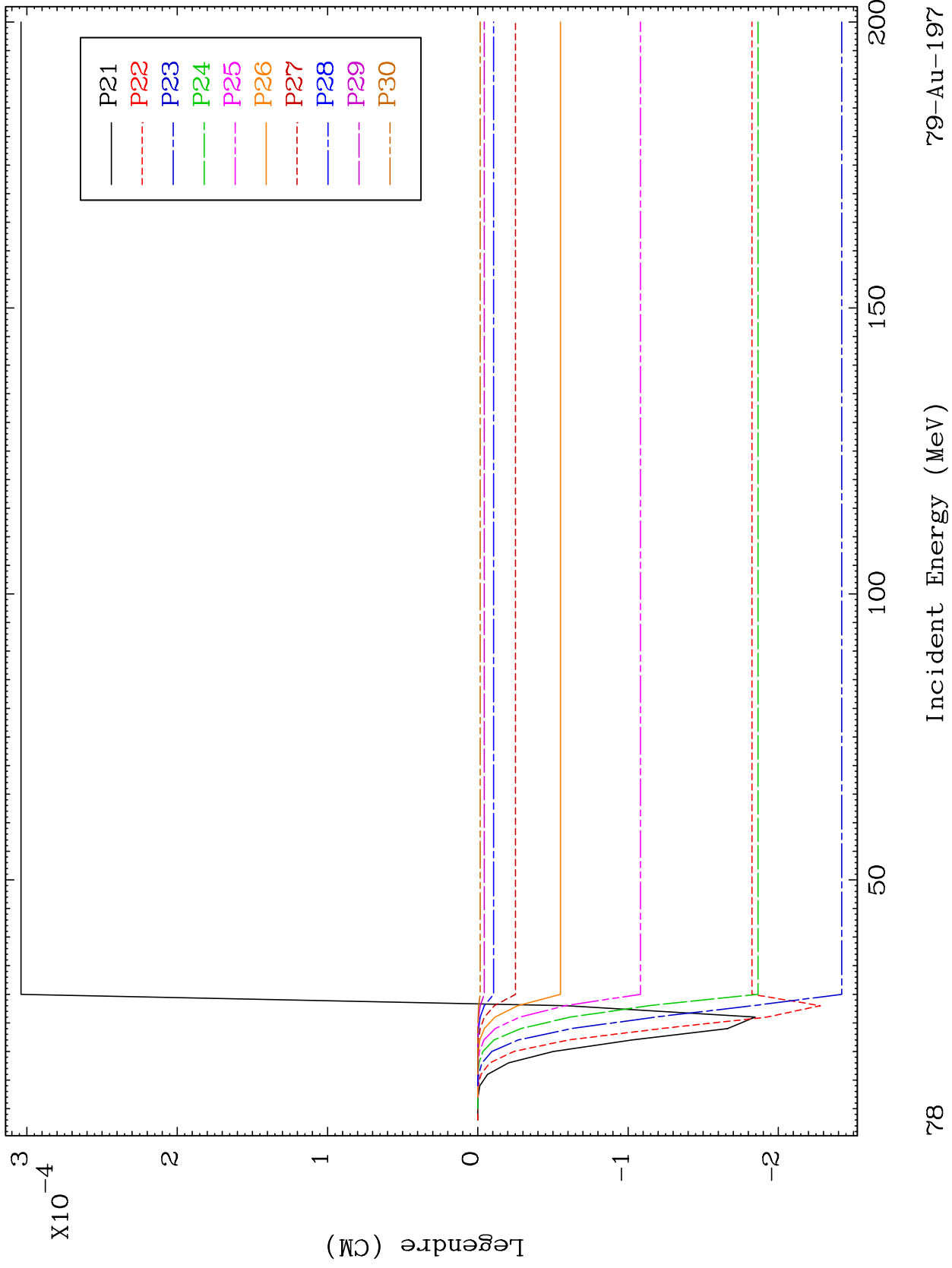
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



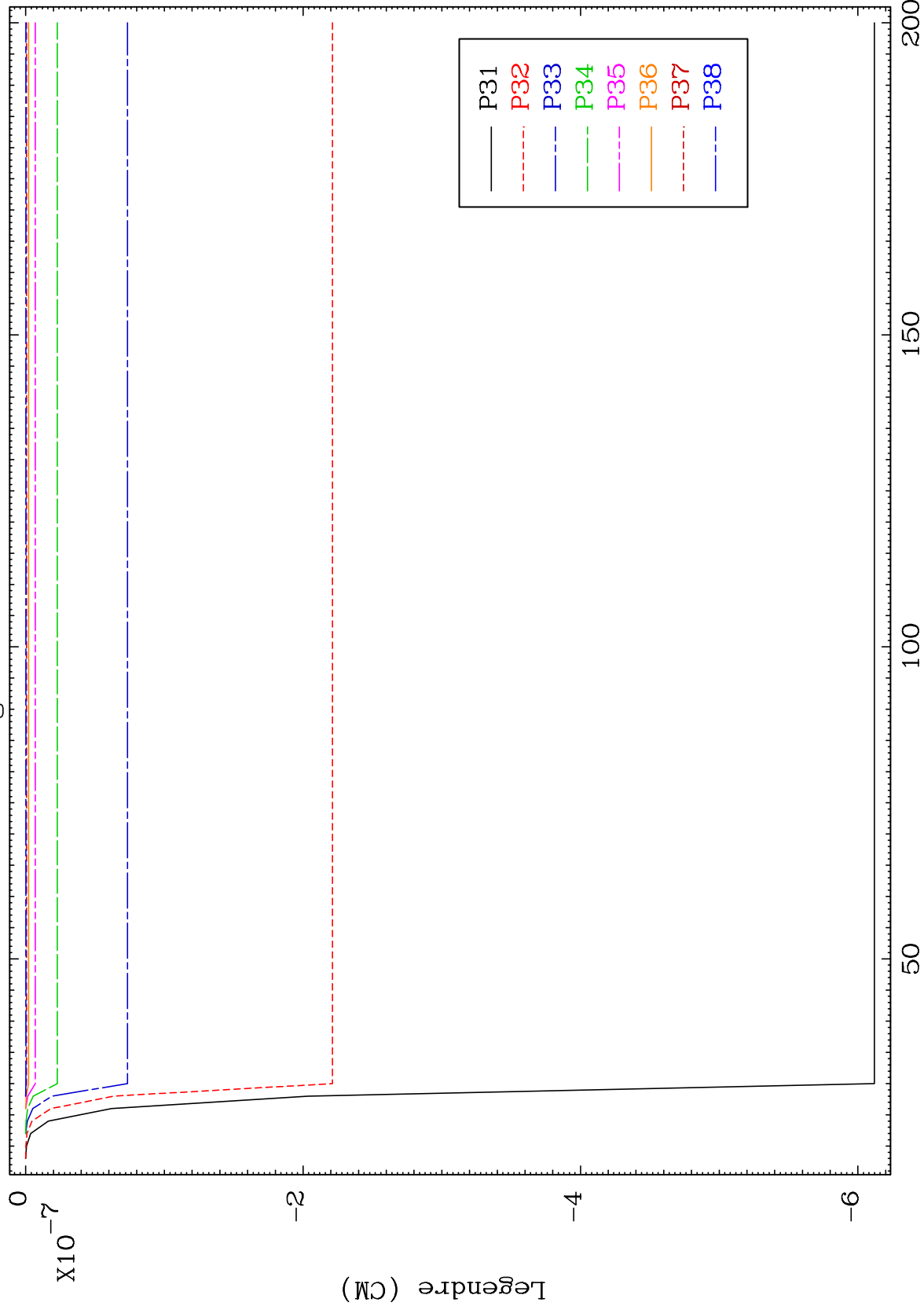
78

79-Au-197

MAT 7925

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

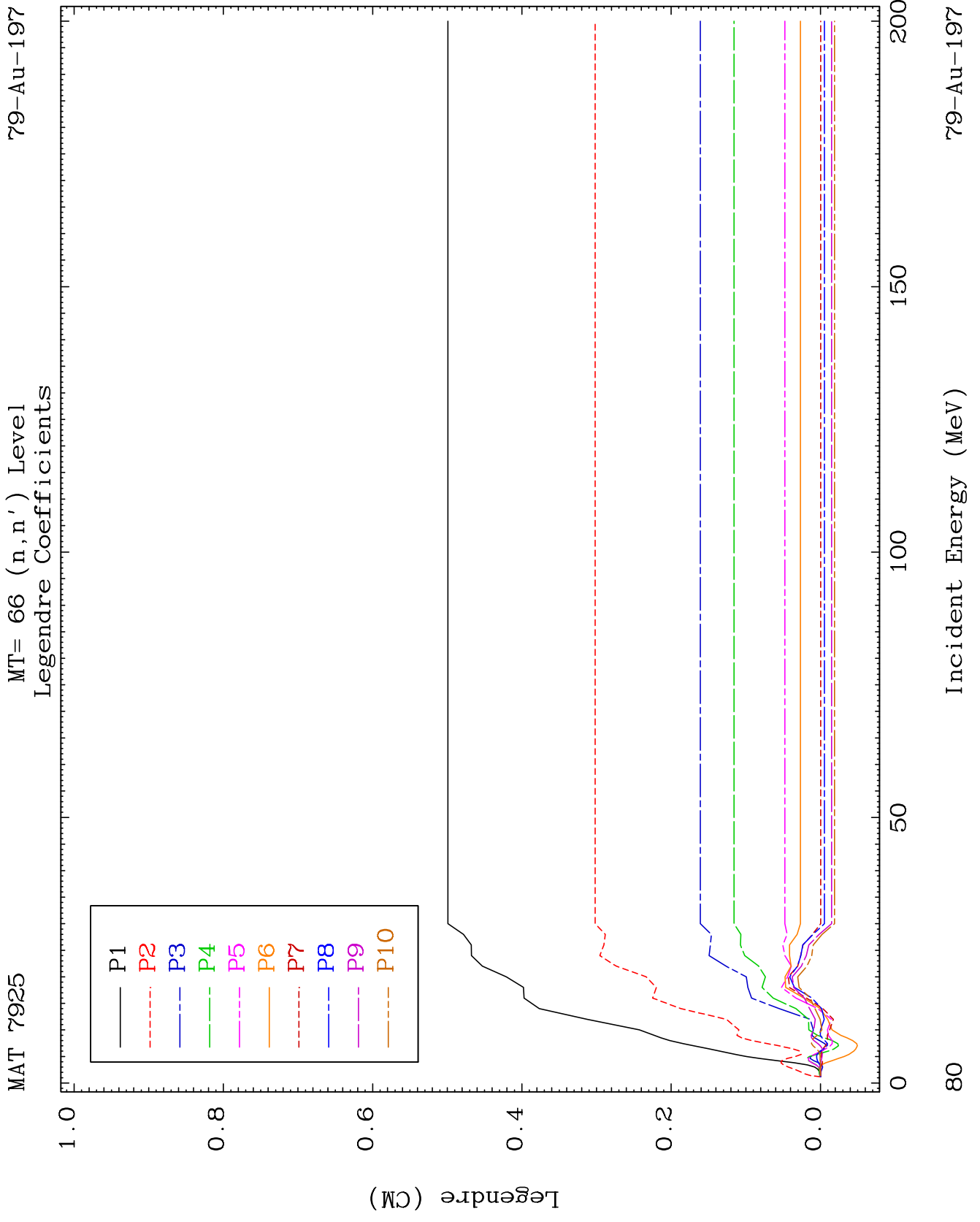
79-Au-197



79-Au-197

Incident Energy (MeV)

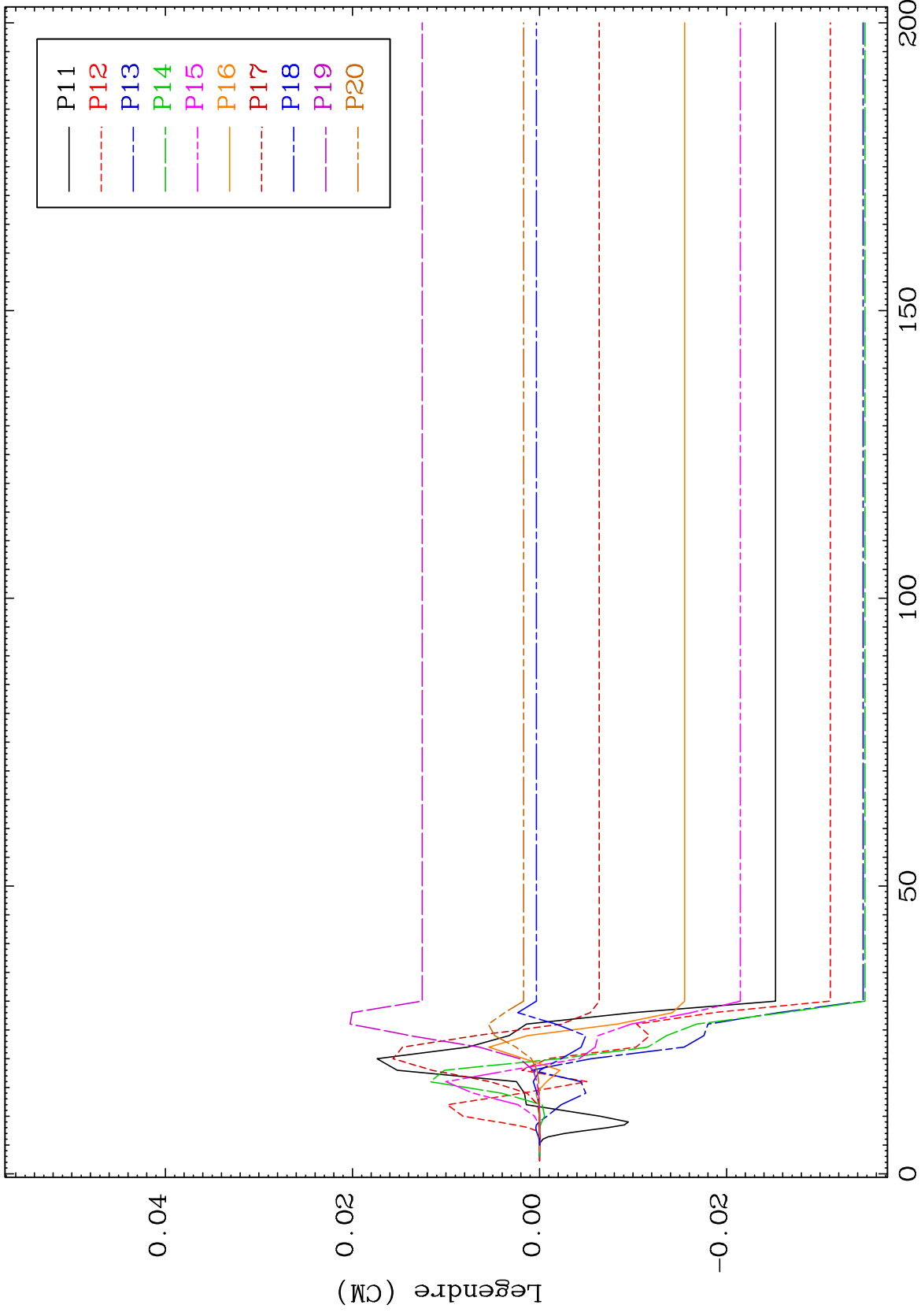
79



MAT 7925

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

79-Au-197



81

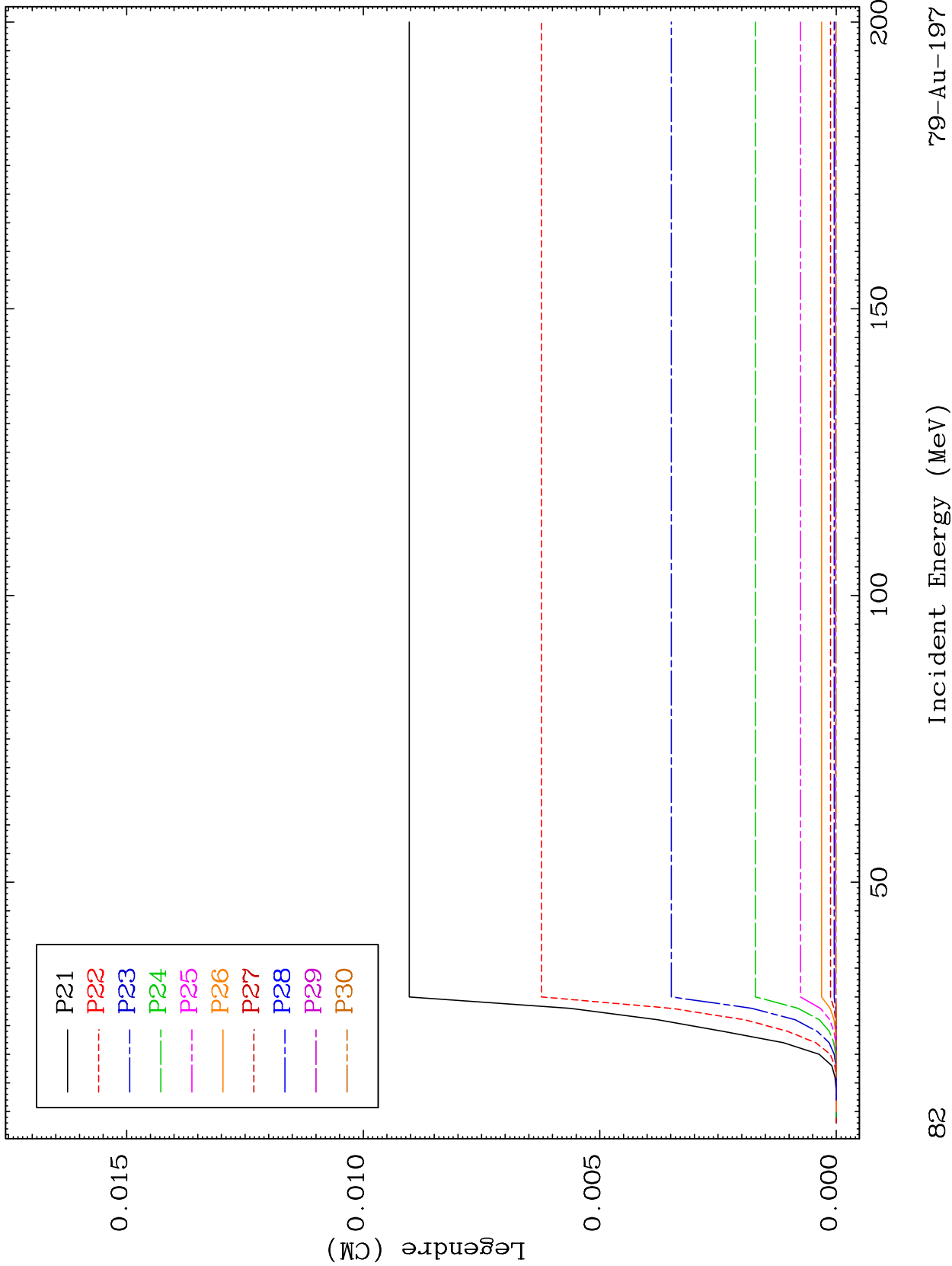
Incident Energy (MeV)

79-Au-197

MAT 7925

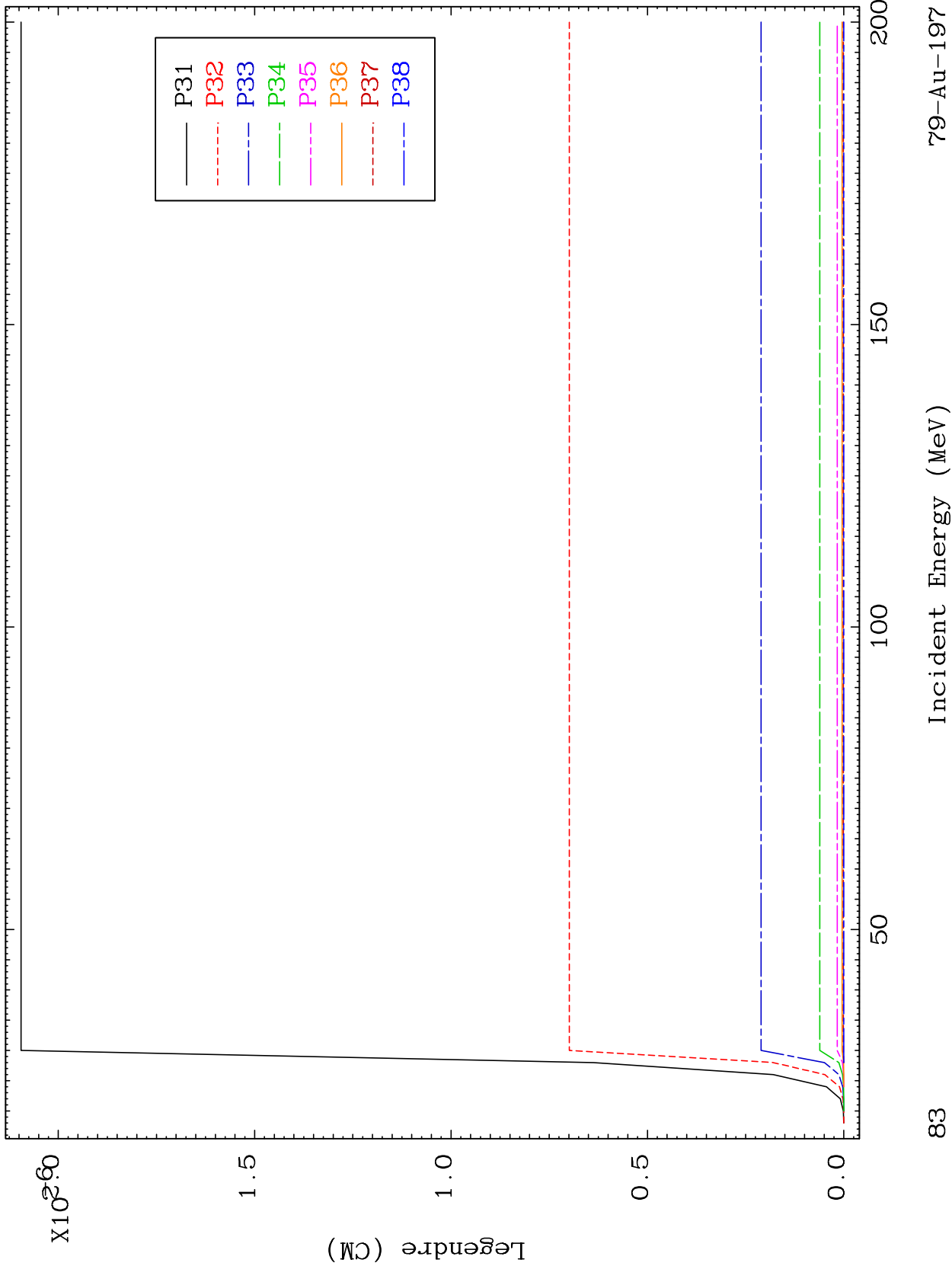
MT= 66 (n,n') Level
Legendre Coefficients

79-Au-197



82

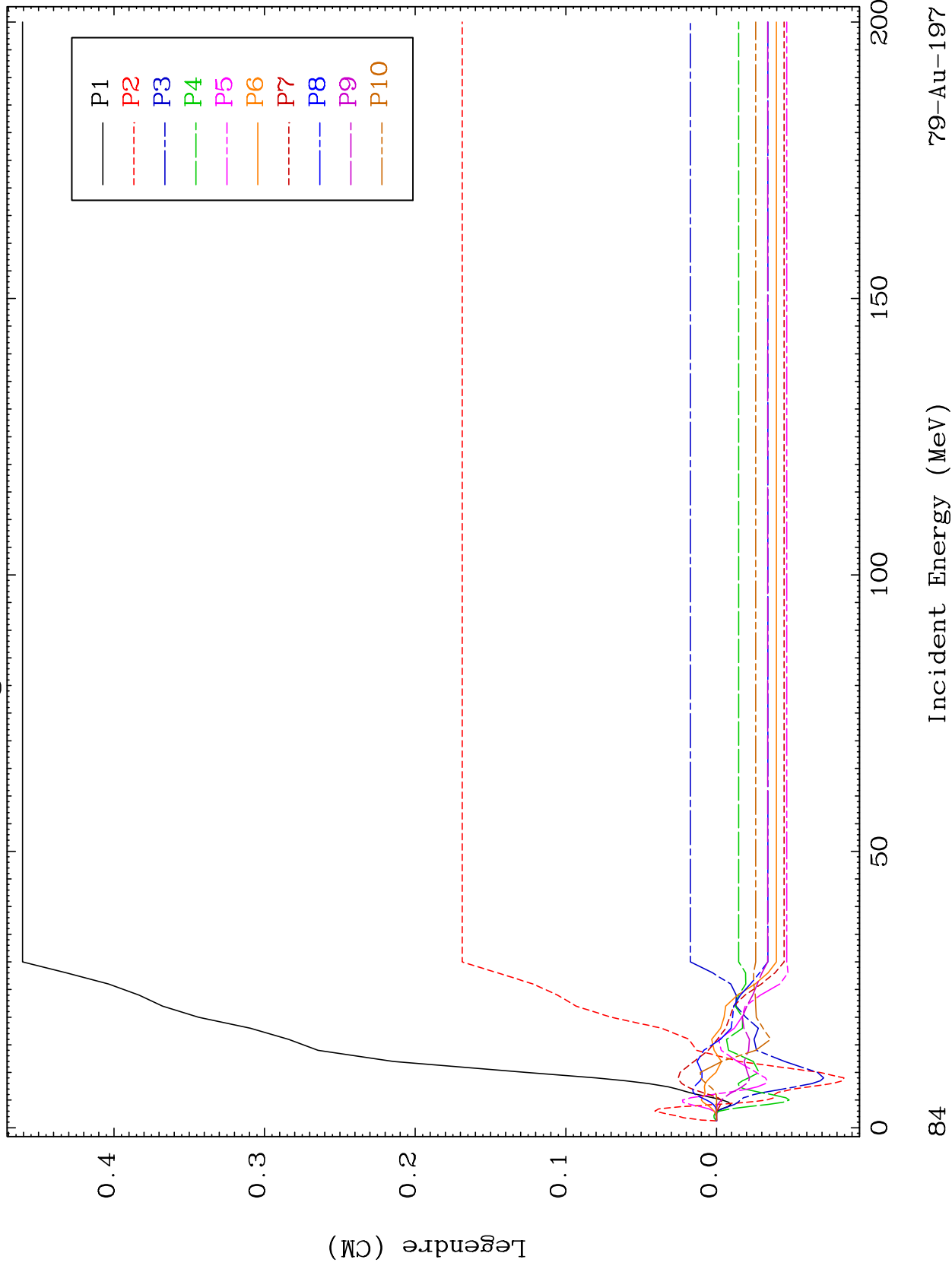
79-Au-197



MAT 7925

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

79-Au-197



79-Au-197

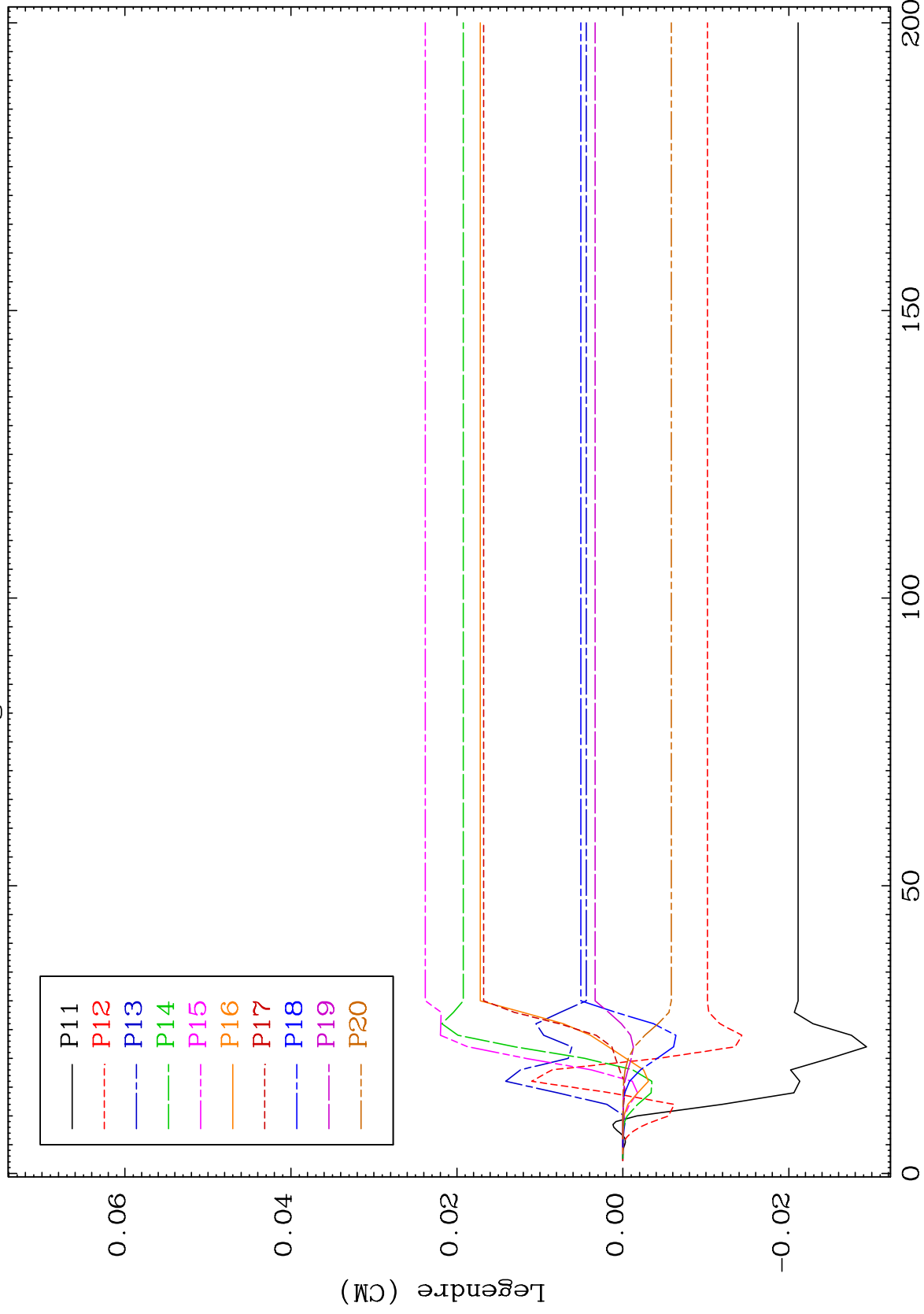
Incident Energy (MeV)

84

MAT 7925

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

79-Au-197



85

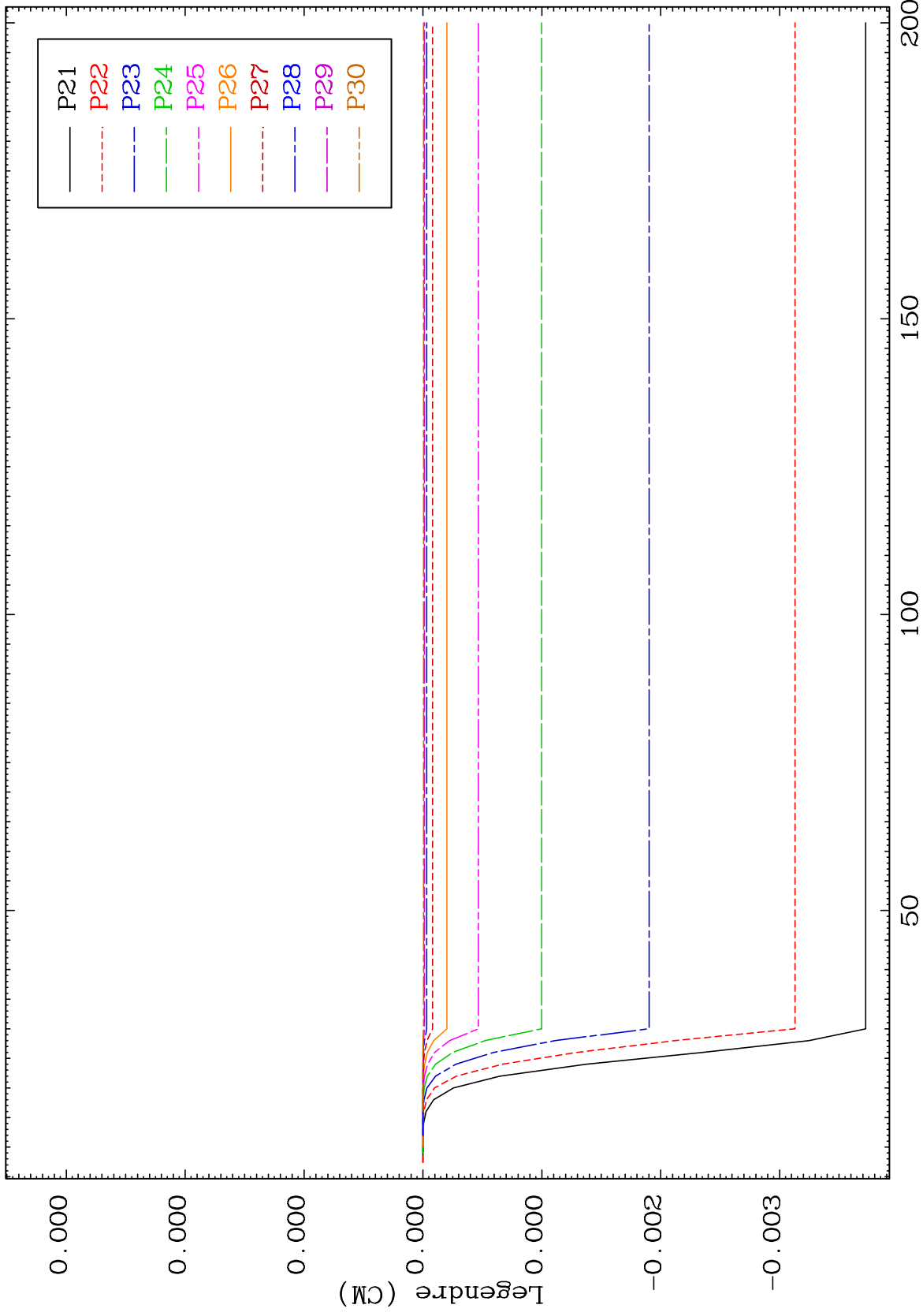
Incident Energy (MeV)

79-Au-197

MAT 7925

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

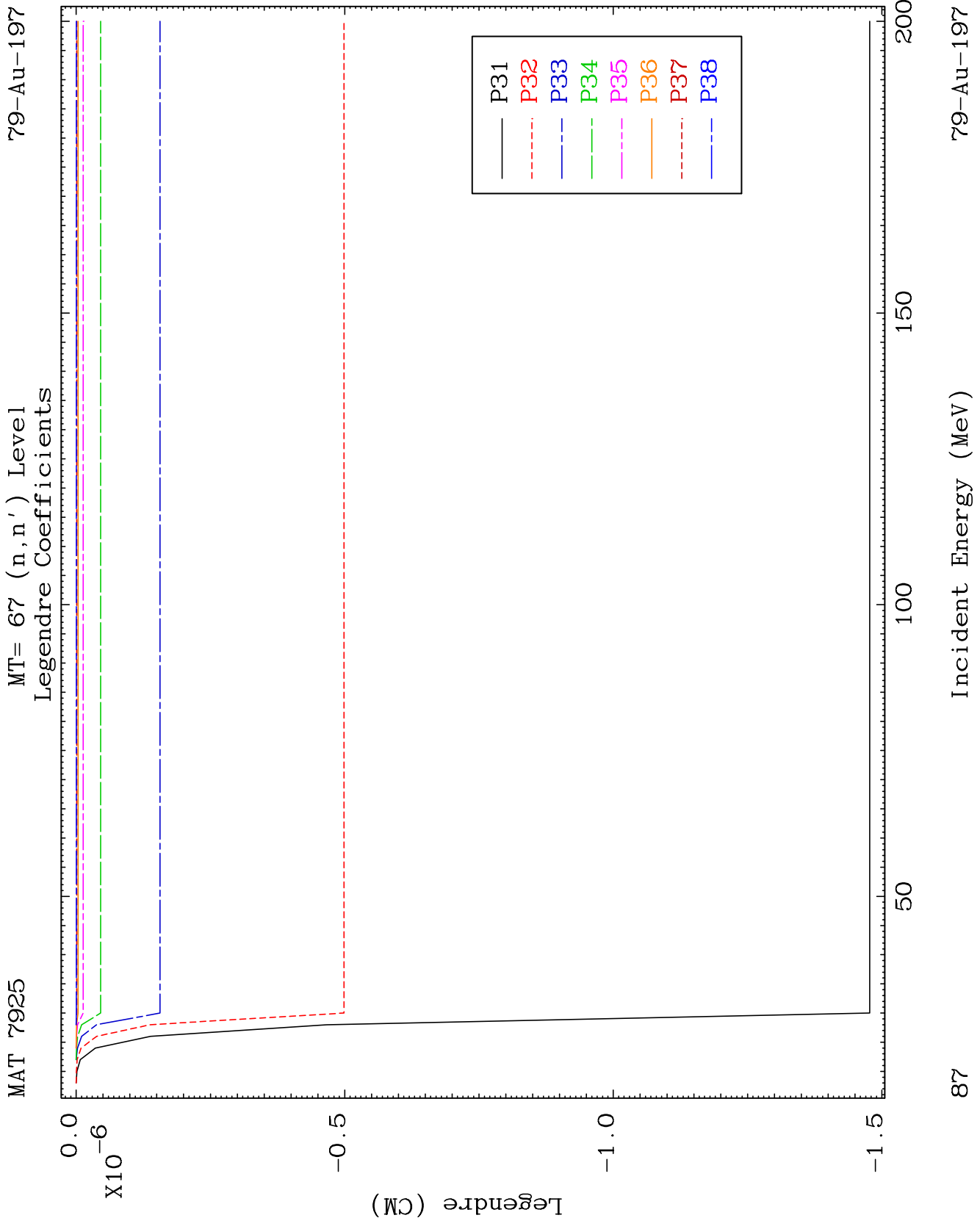
79-Au-197



86

Incident Energy (MeV)

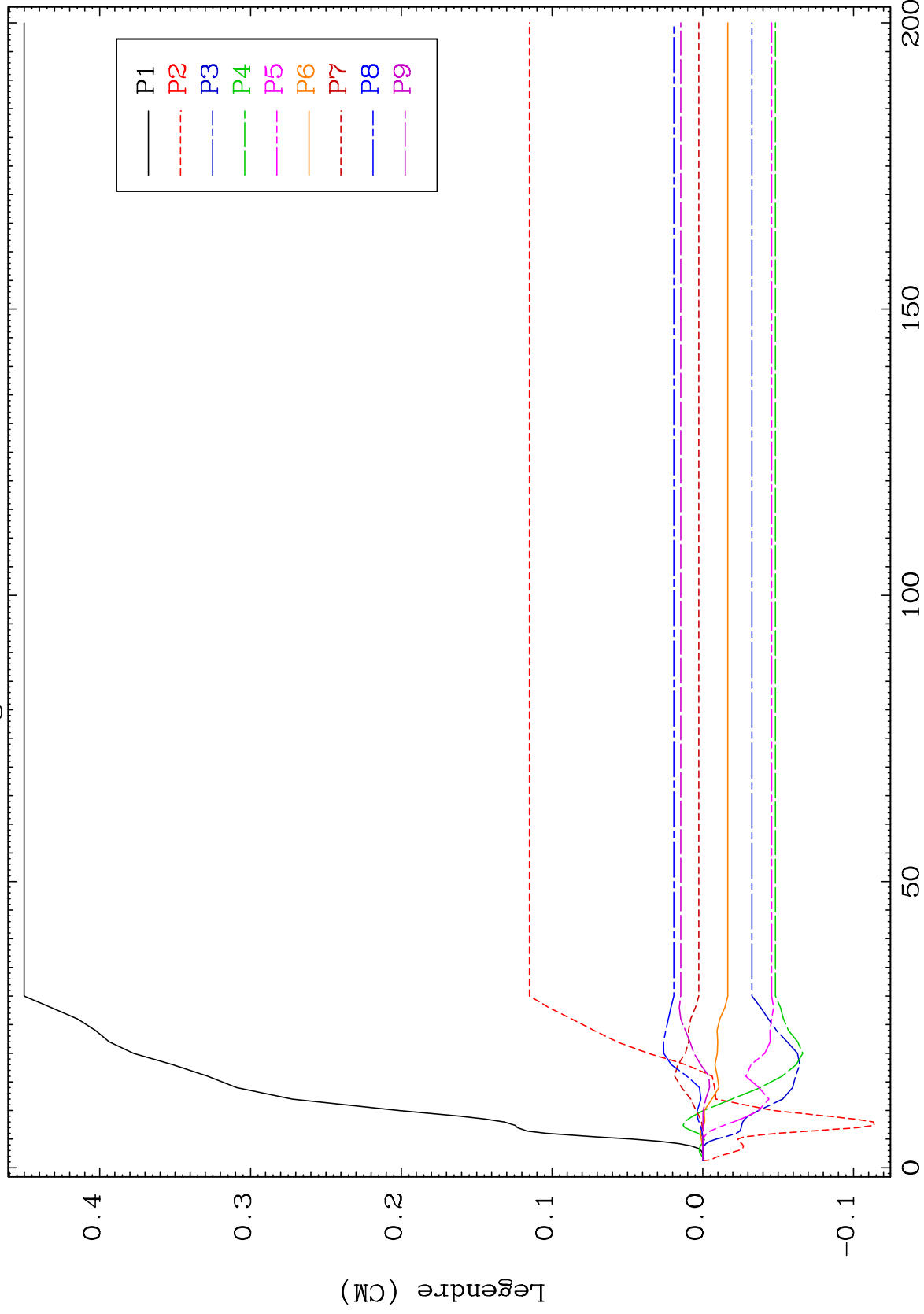
79-Au-197



MAT 7925

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

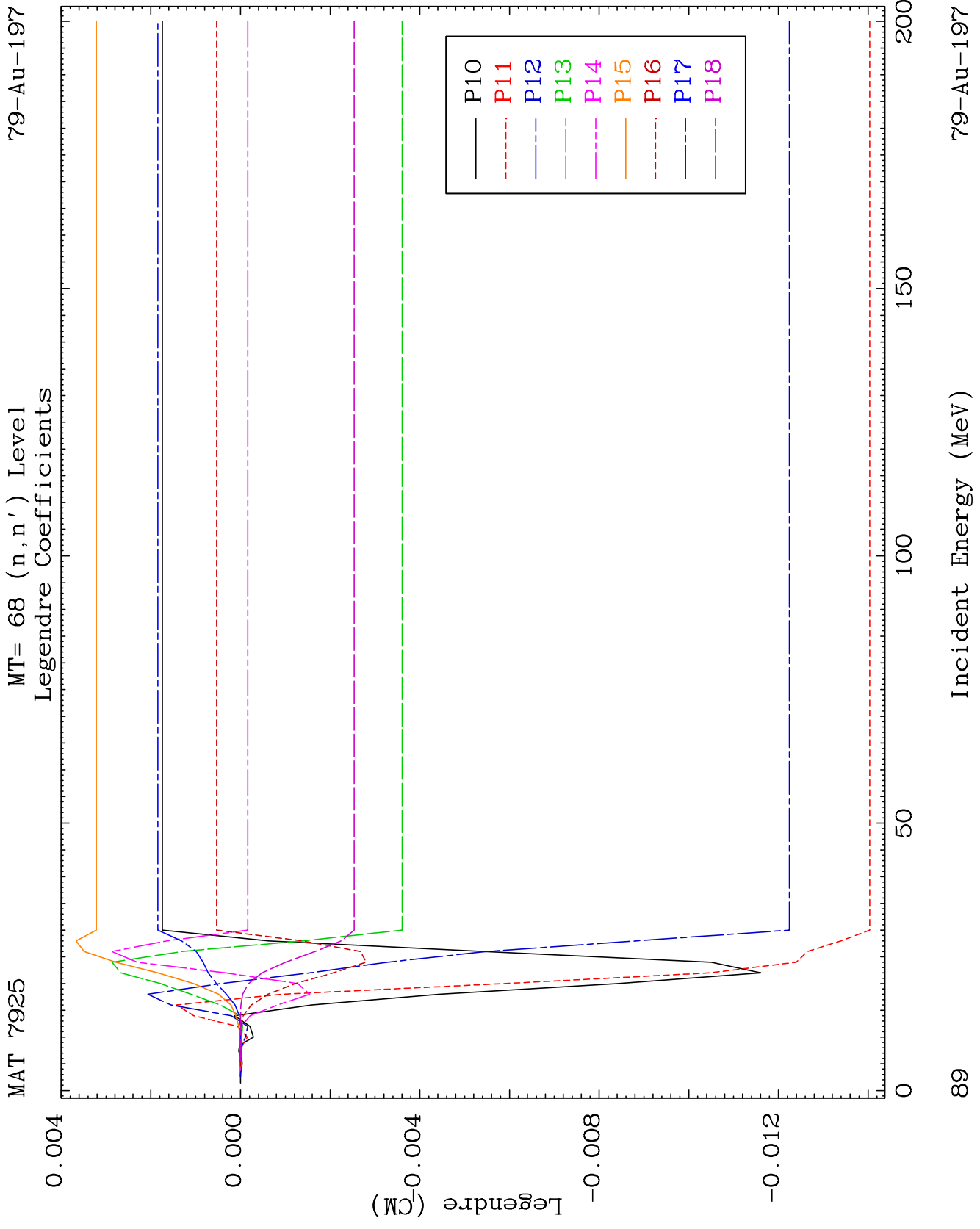
79-Au-197



88

Incident Energy (MeV)

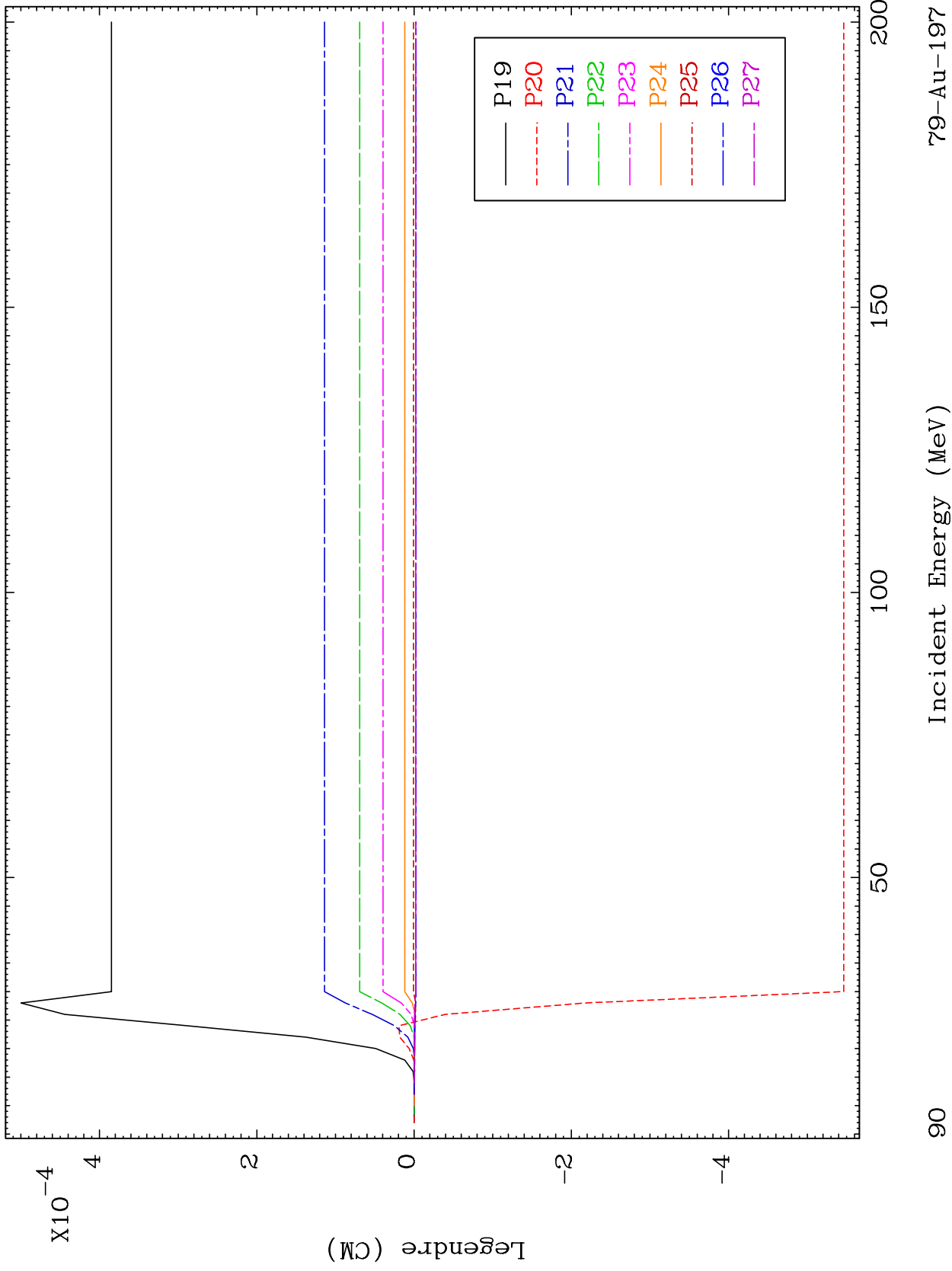
79-Au-197



MAT 7925

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

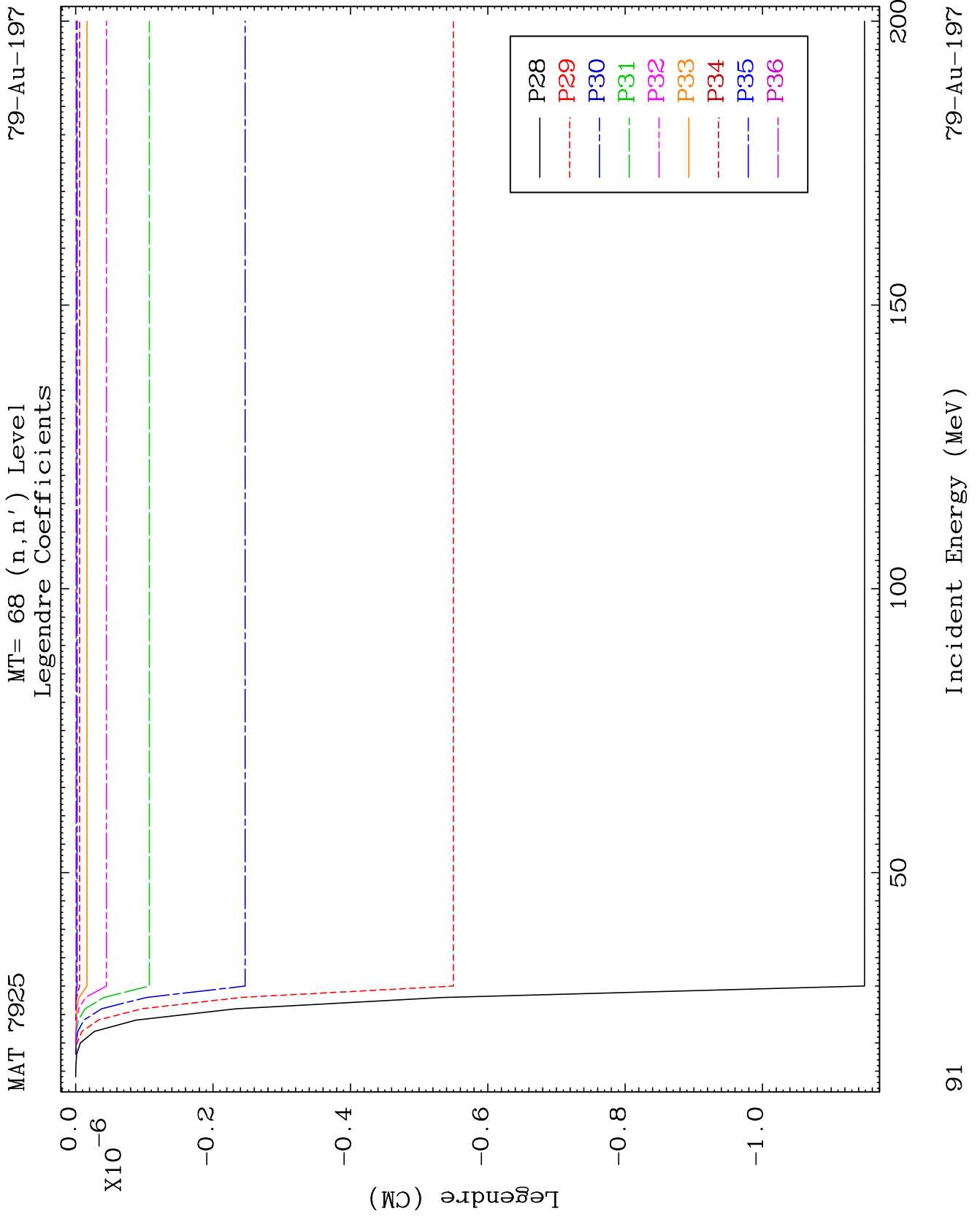
79-Au-197



90

Incident Energy (MeV)

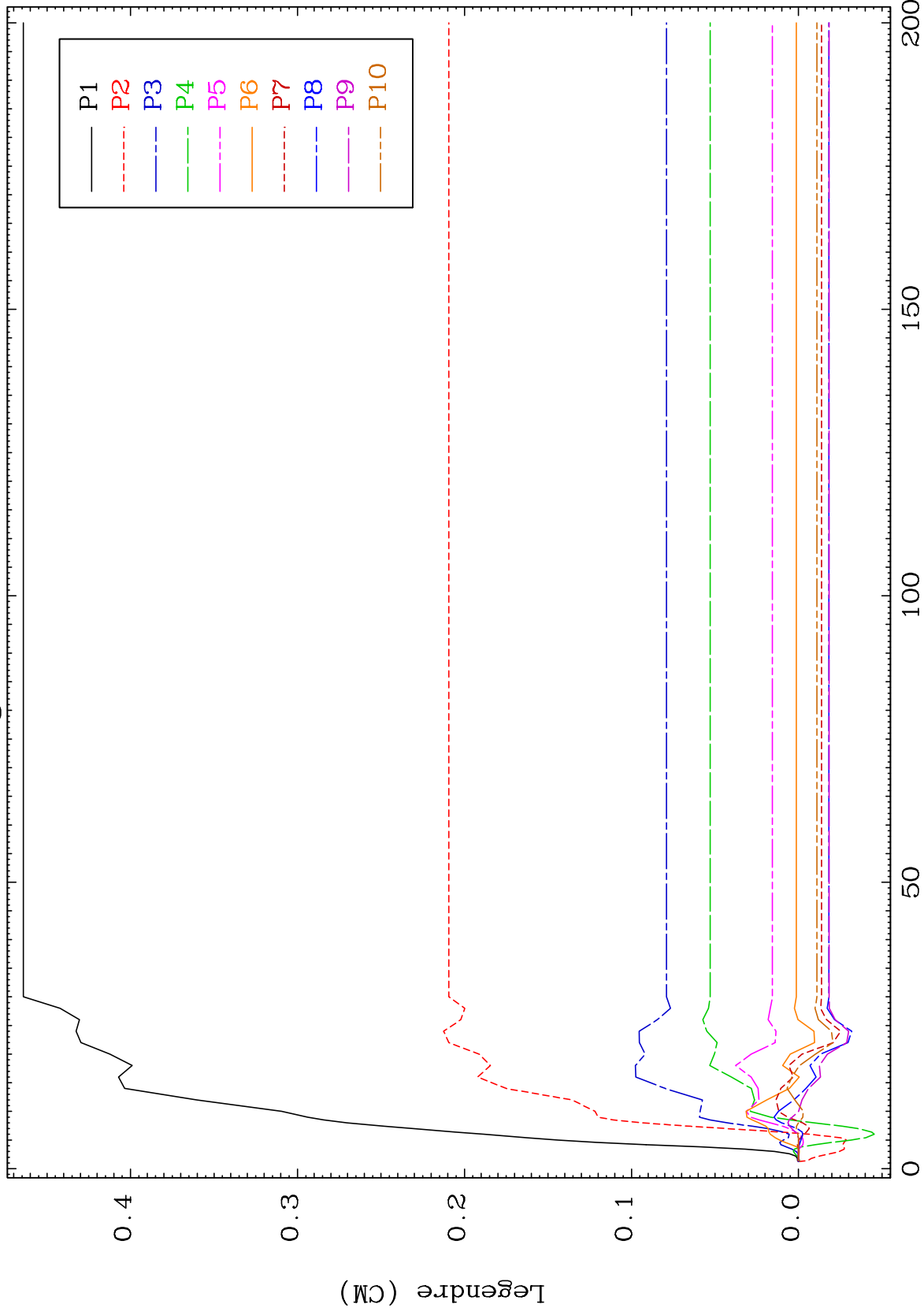
79-Au-197



MAT 7925

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

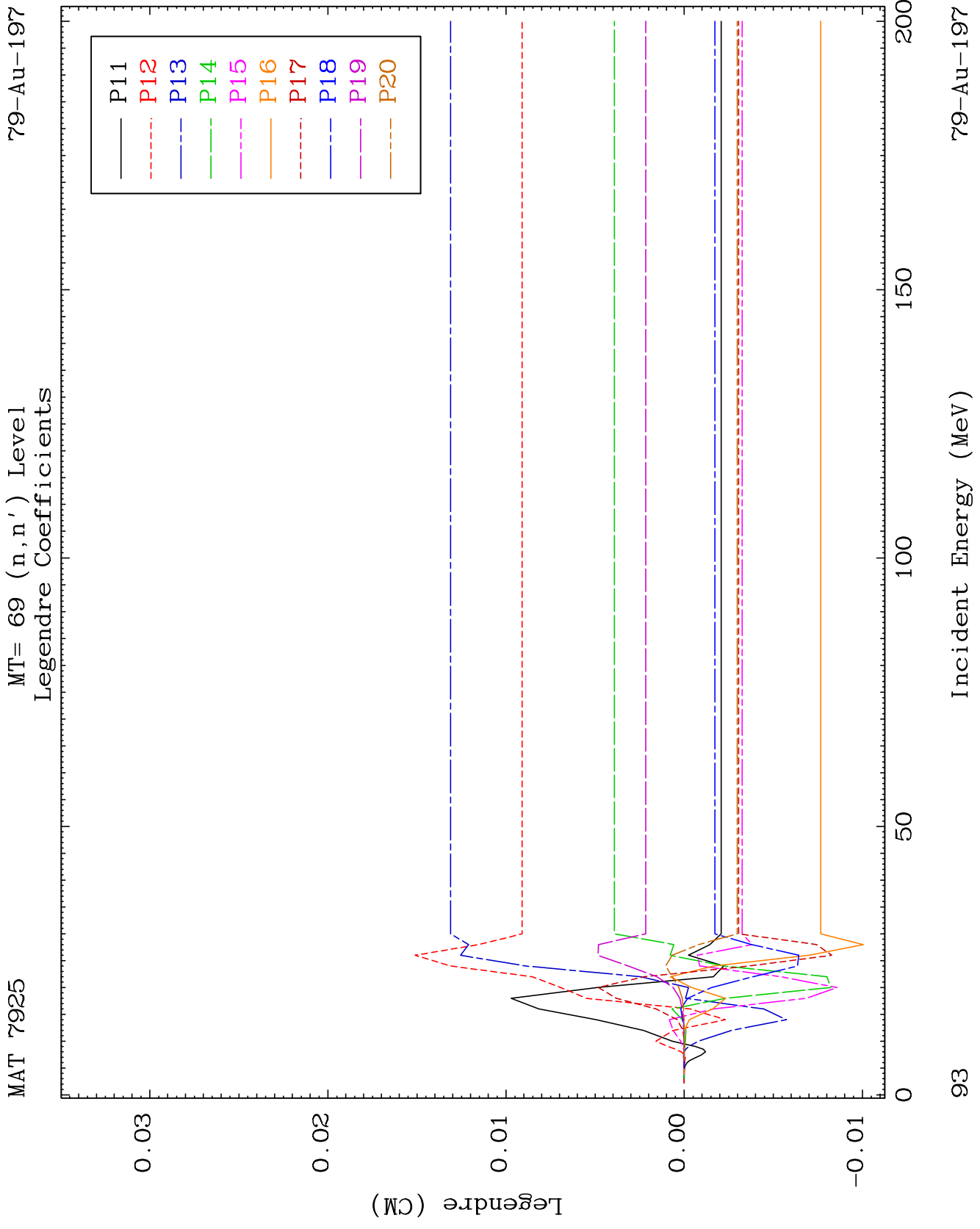
79-Au-197

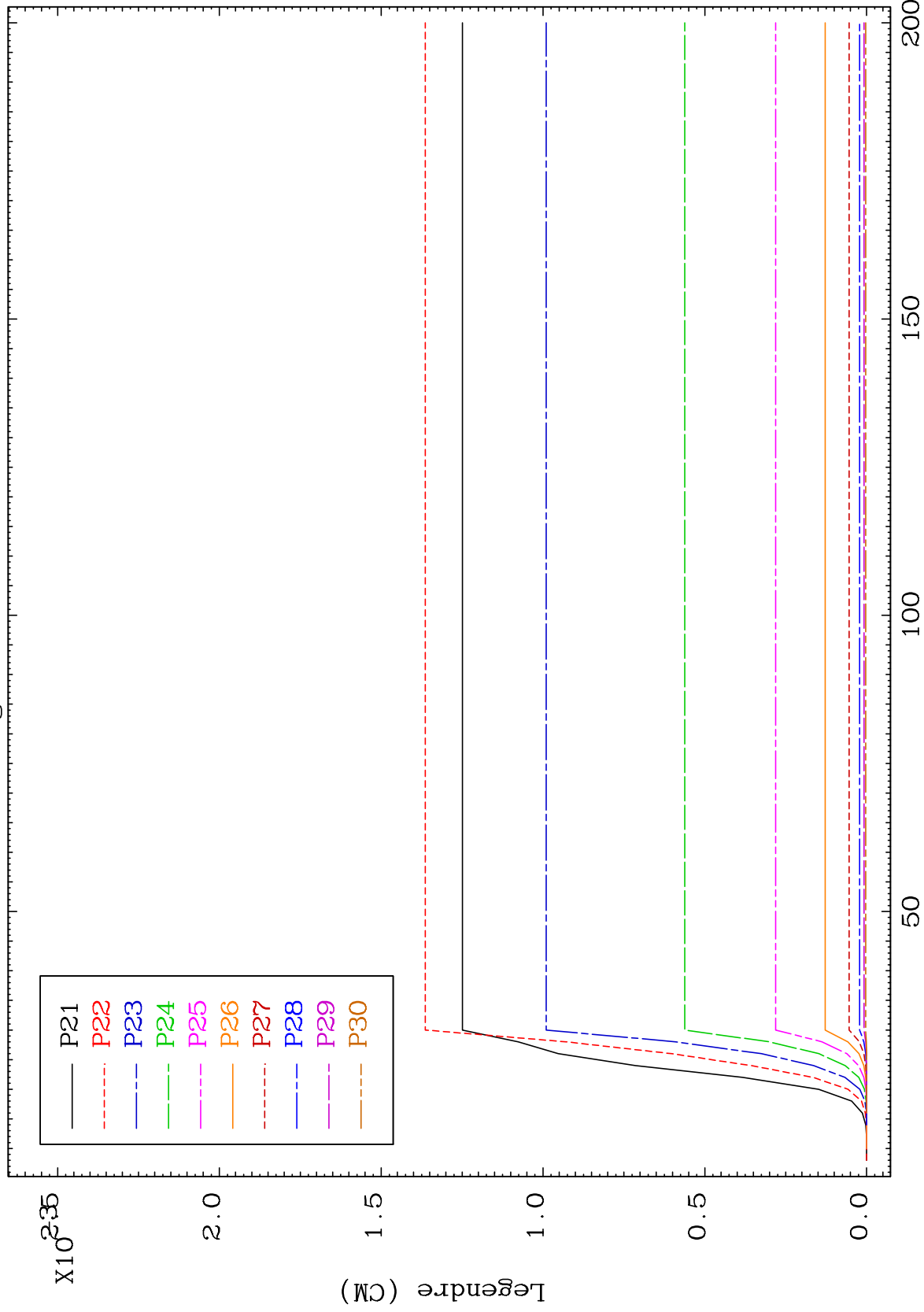


92

Incident Energy (MeV)

79-Au-197

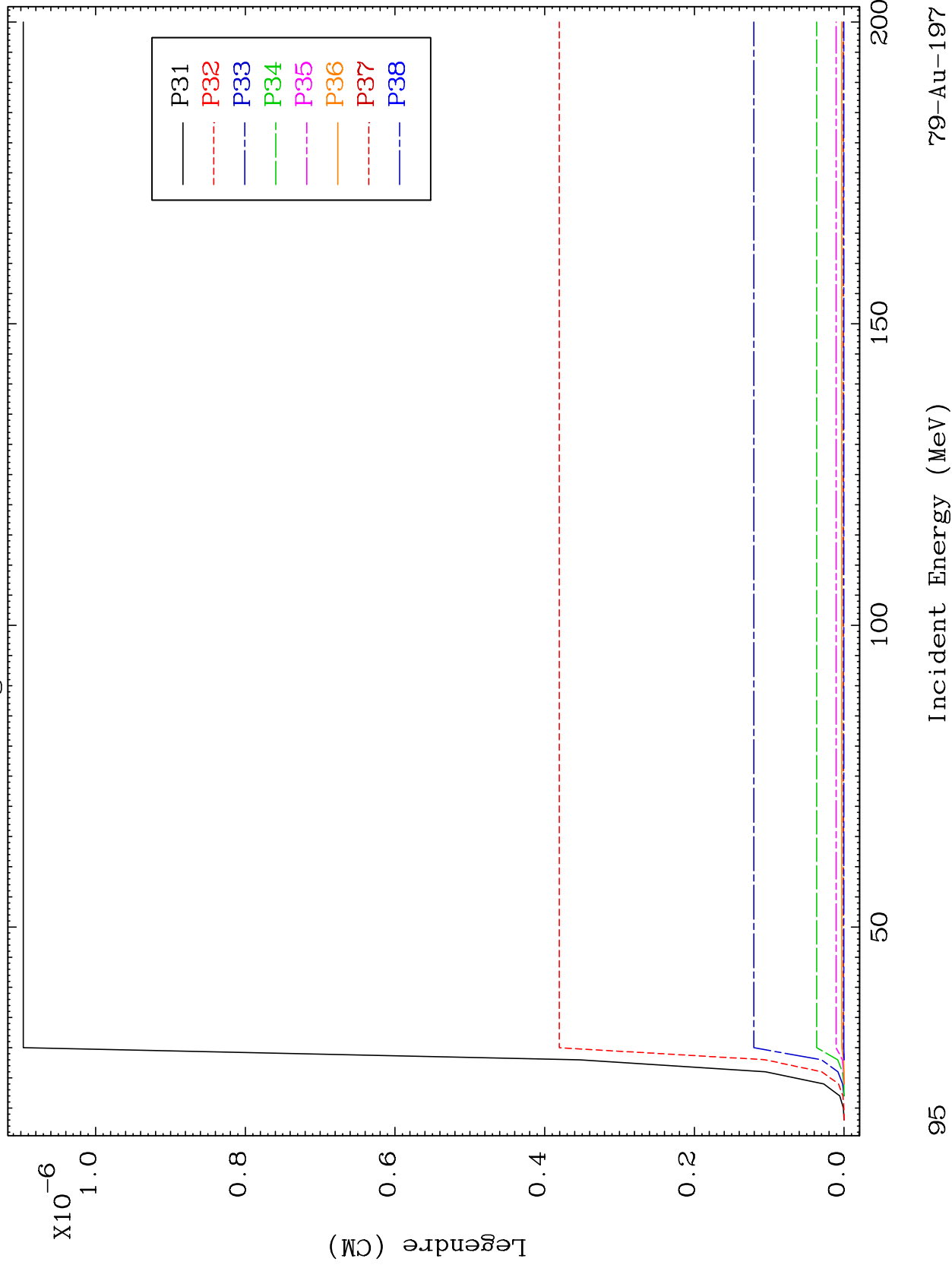




MAT 7925

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

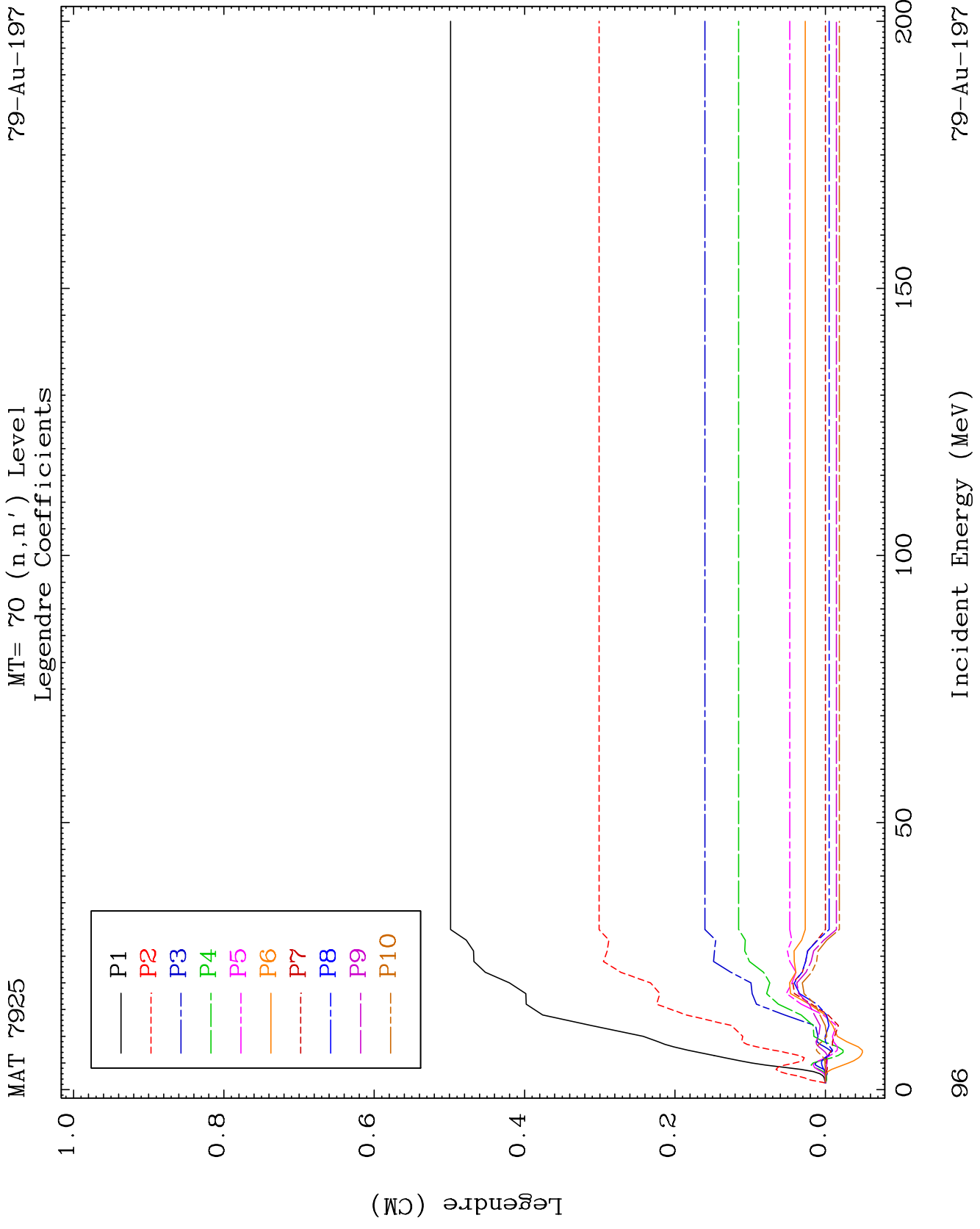
79-Au-197



95

Incident Energy (MeV)

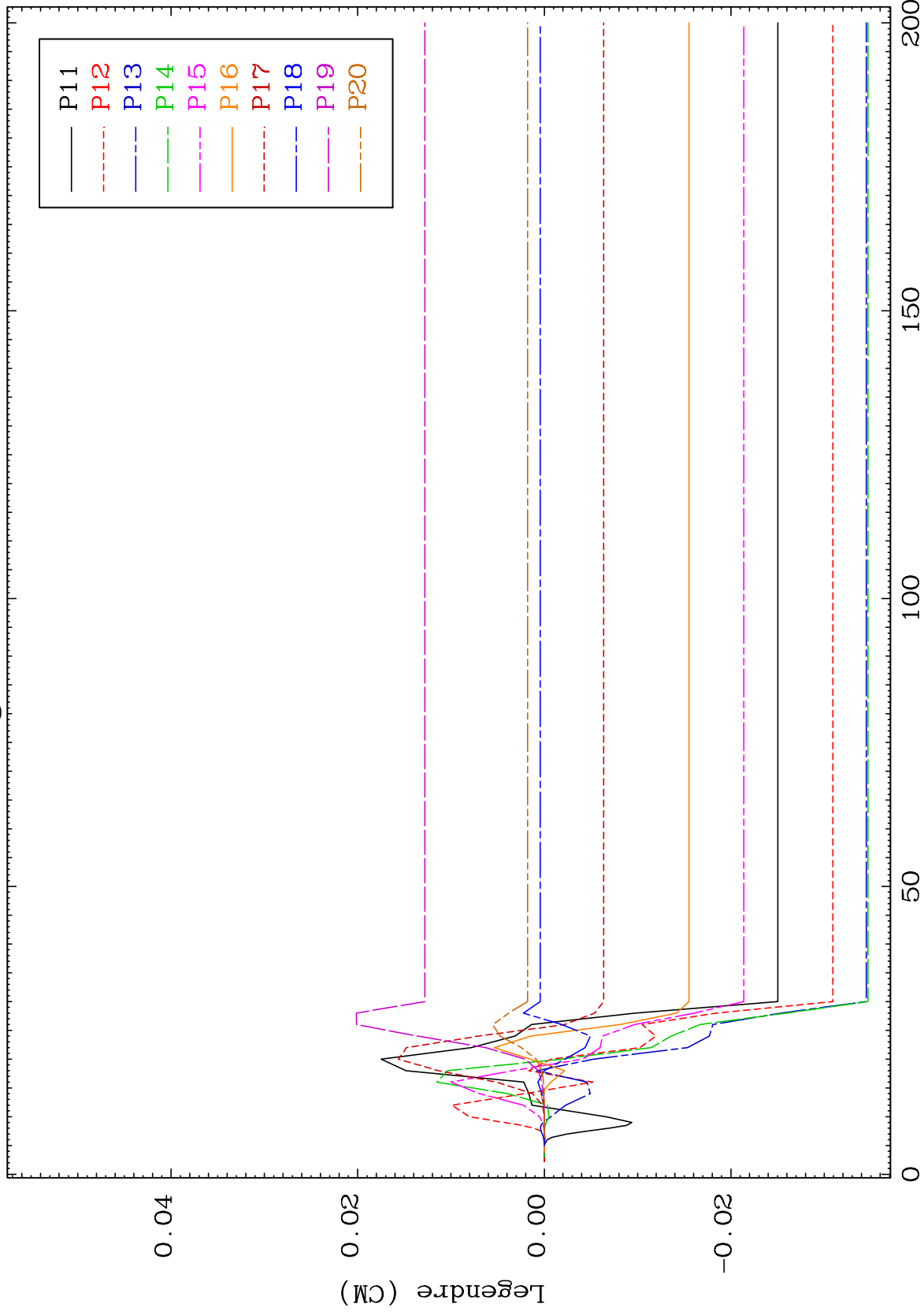
79-Au-197



MAT 7925

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

79-Au-197



97

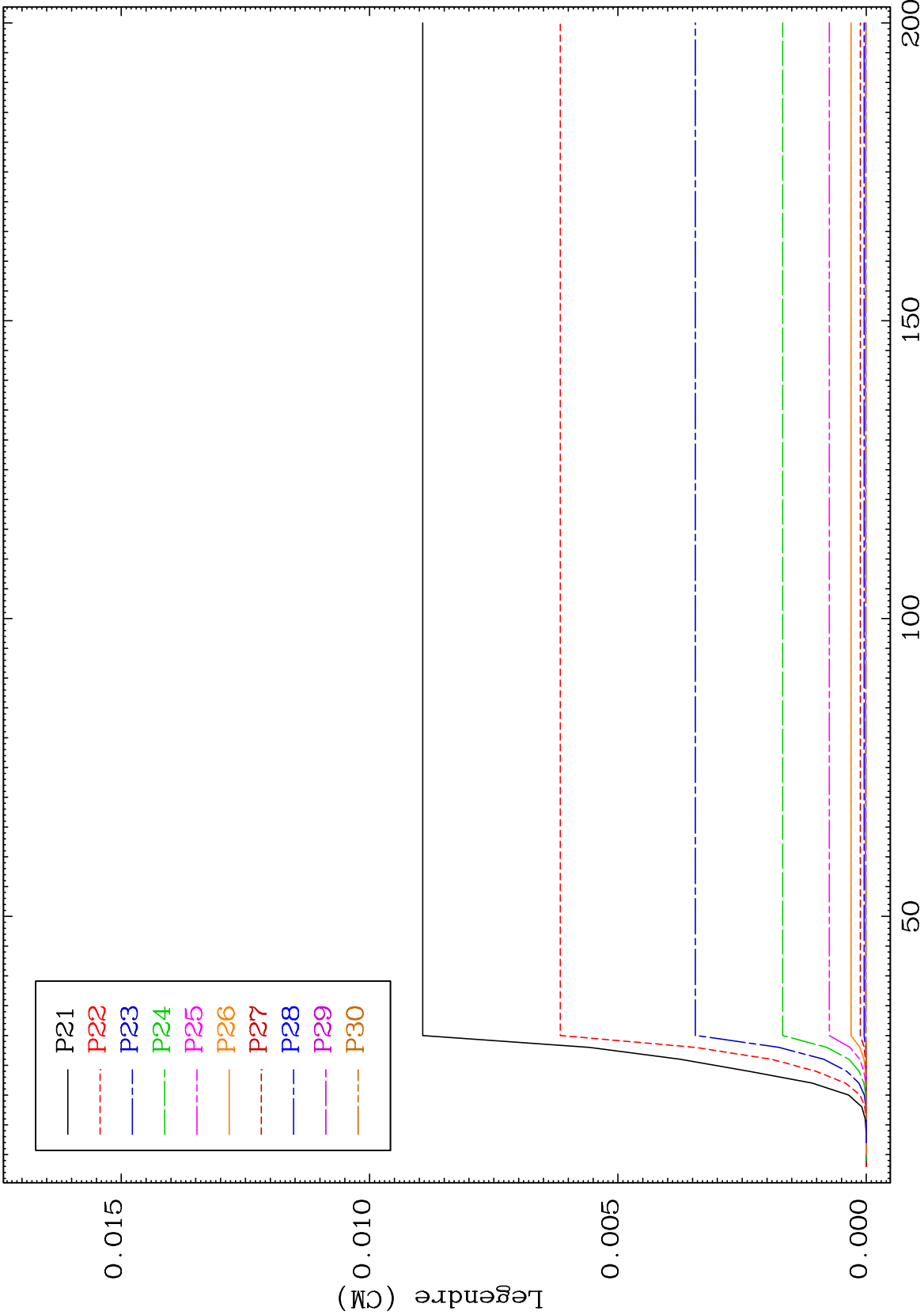
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



98

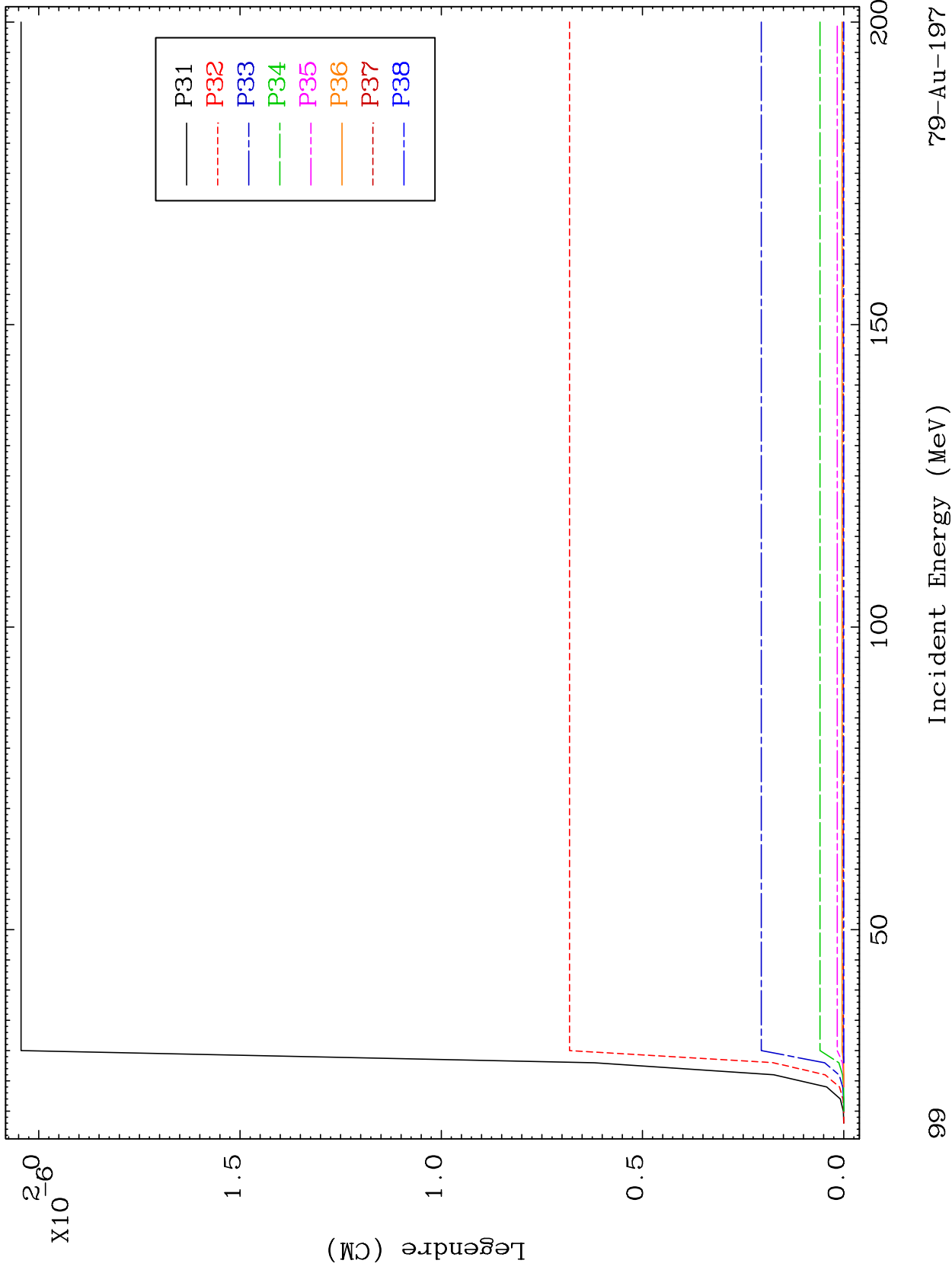
79-Au-197

Incident Energy (MeV)

MAT 7925

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

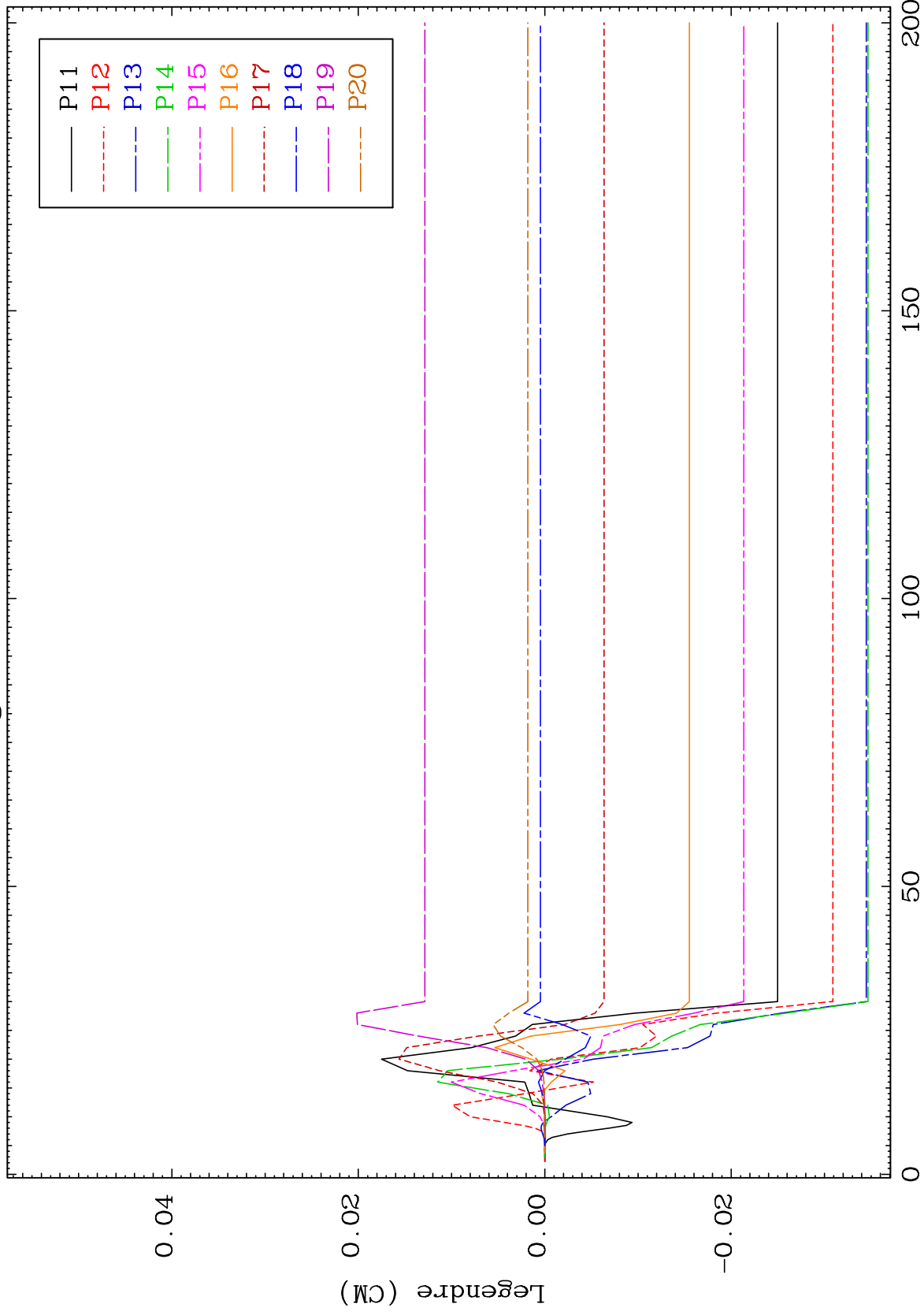
79-Au-197



MAT 7925

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

79-Au-197



101

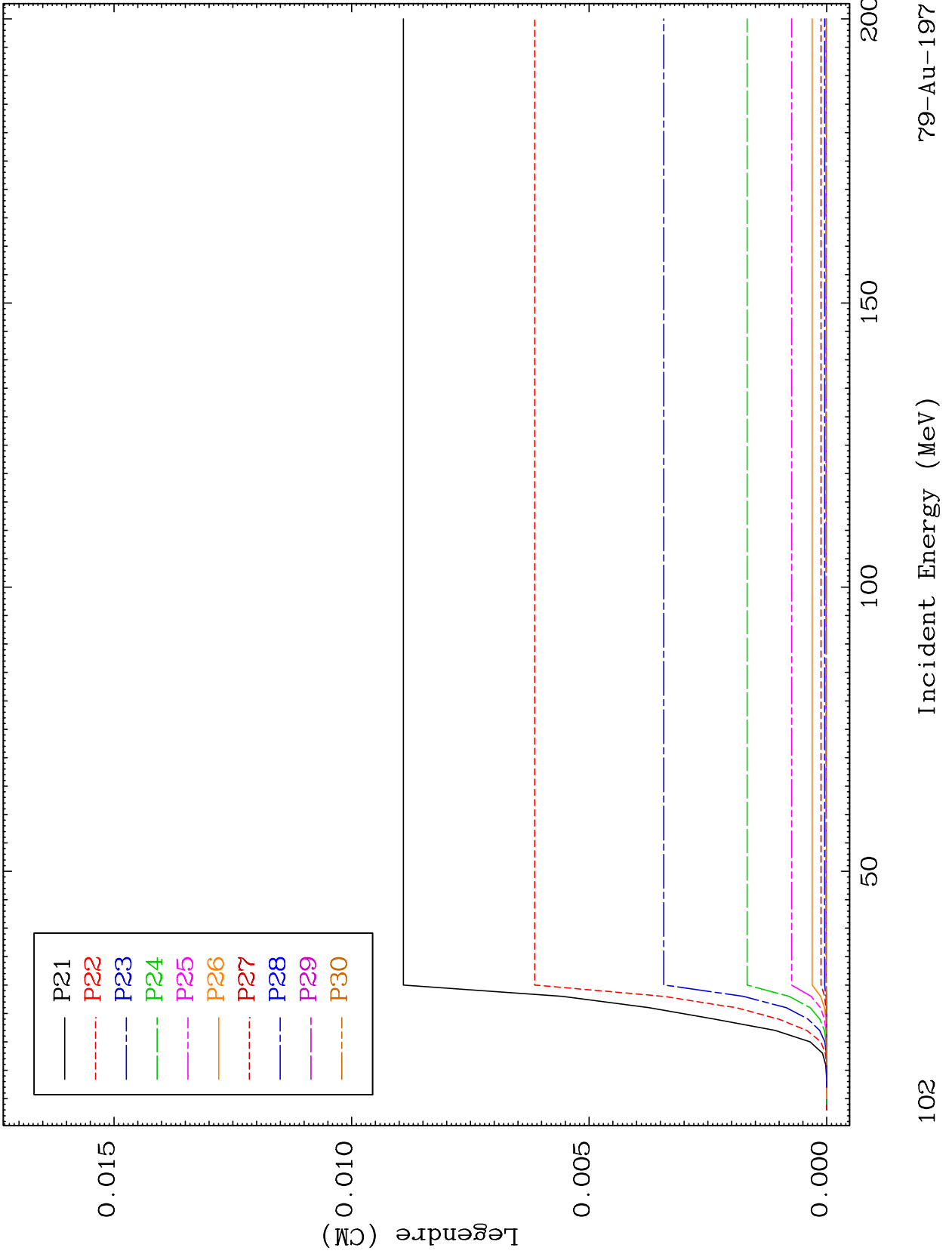
Incident Energy (MeV)

79-Au-197

MAT 7925

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

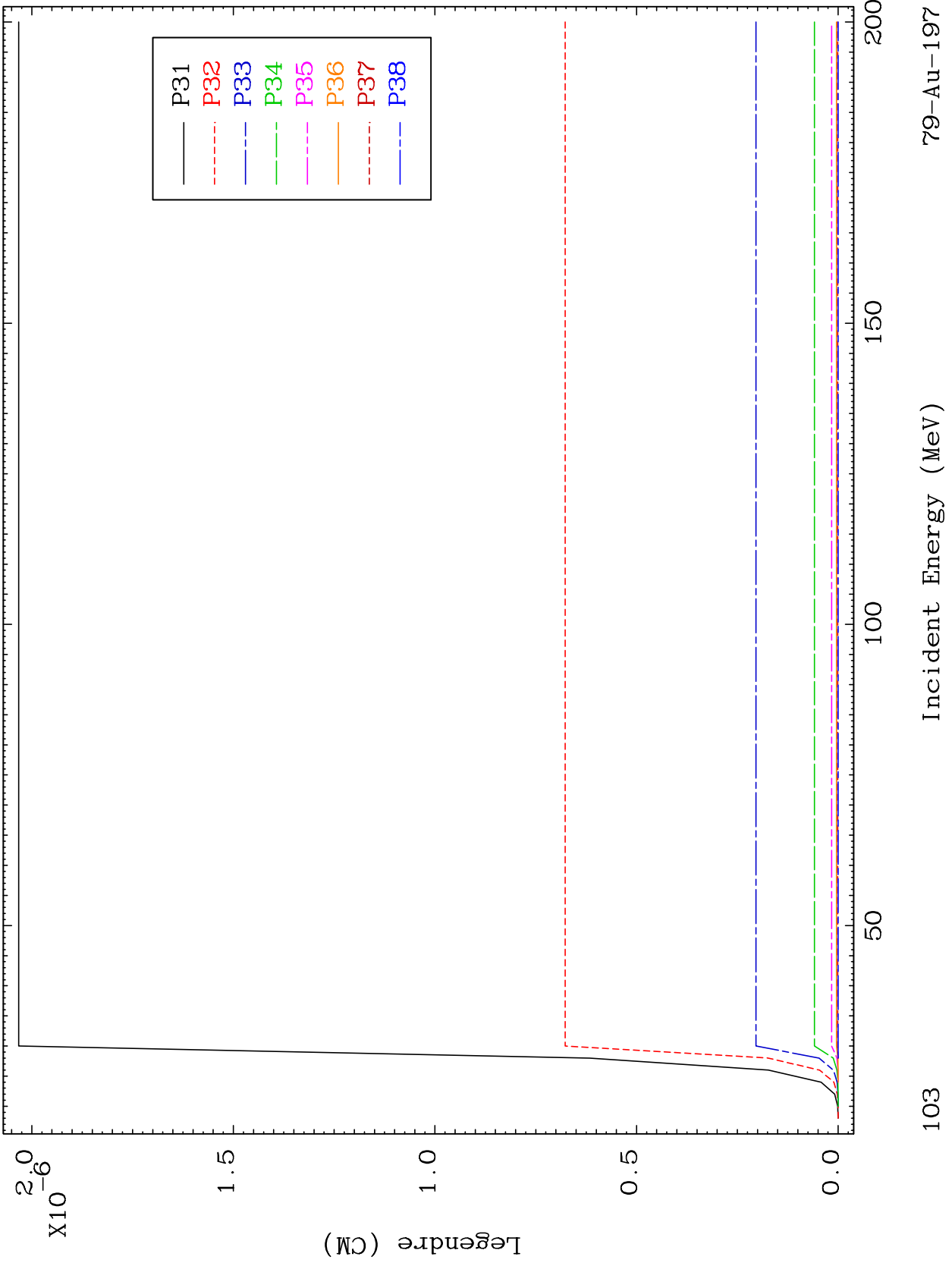
79-Au-197



MAT 7925

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

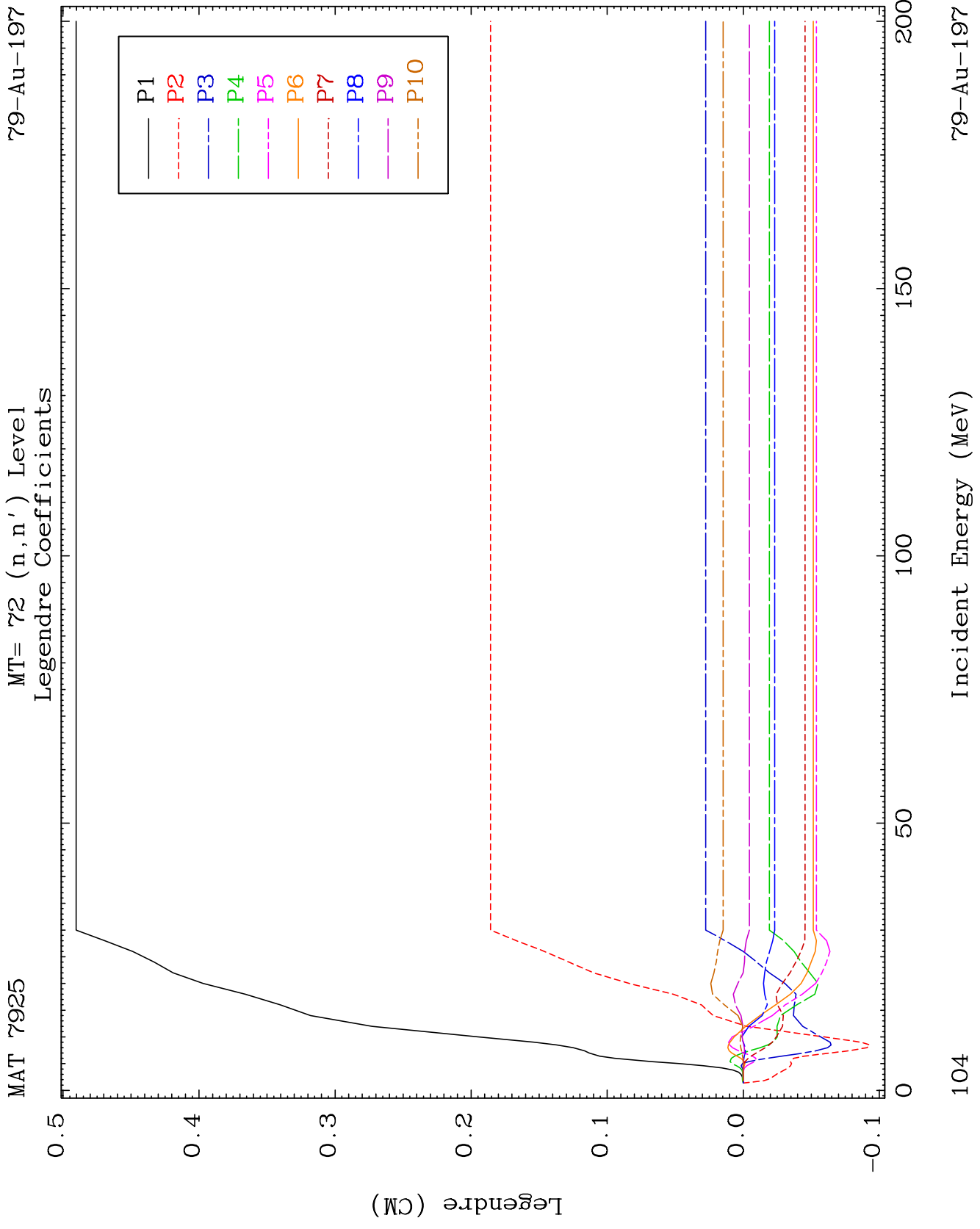
79-Au-197



79-Au-197

Incident Energy (MeV)

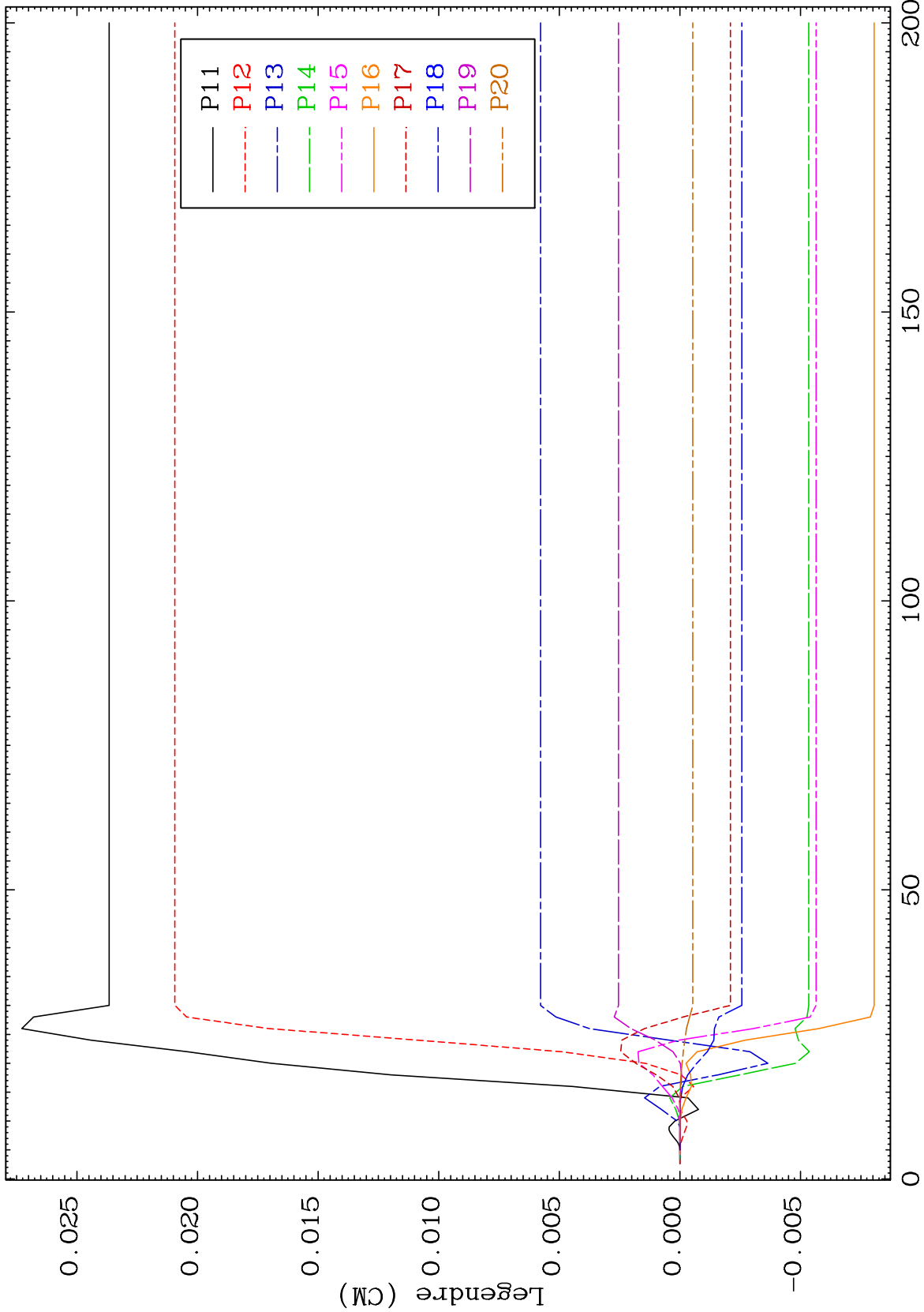
103



MAT 7925

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

79-Au-197



79-Au-197

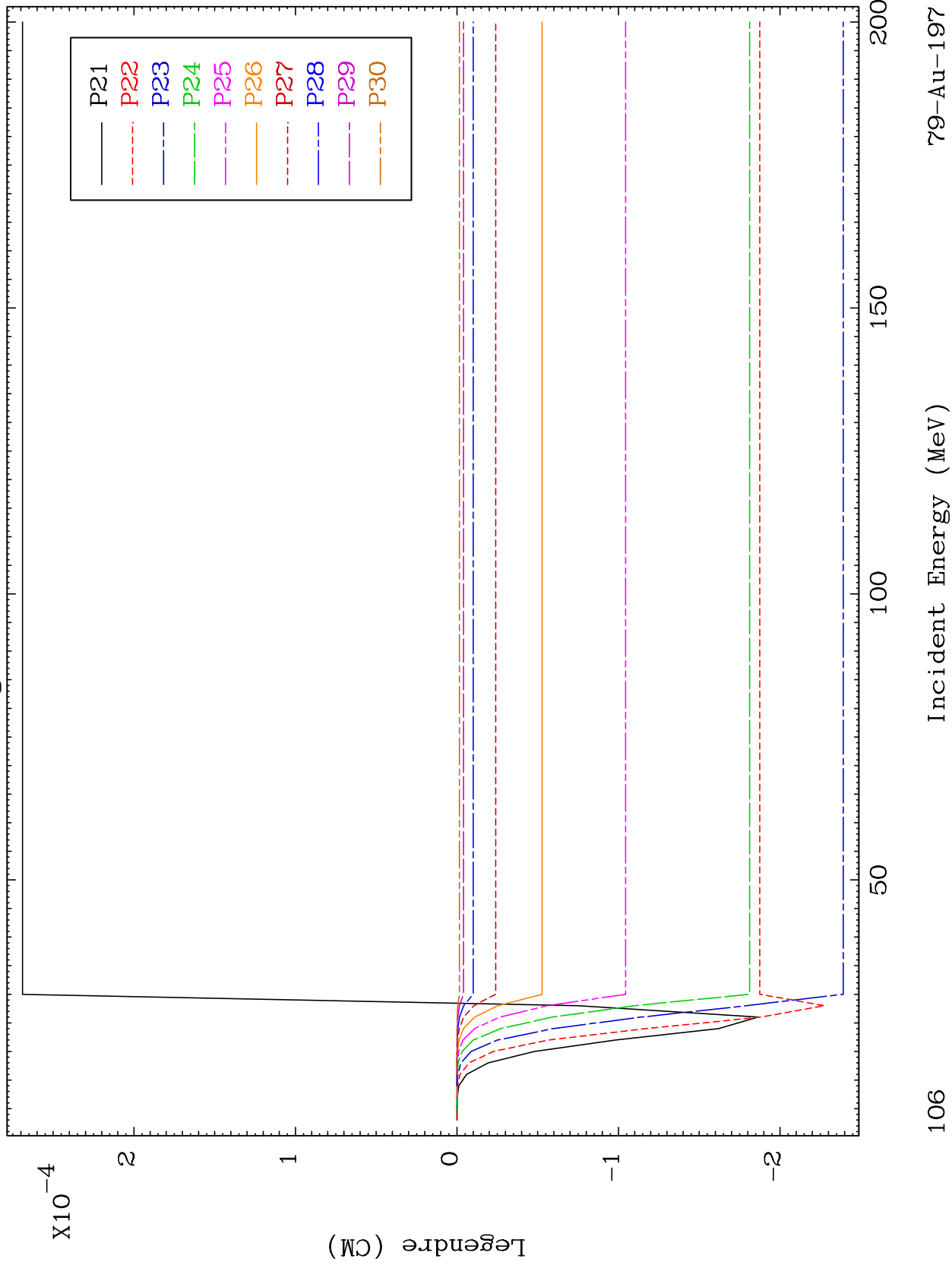
Incident Energy (MeV)

105

MAT 7925

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

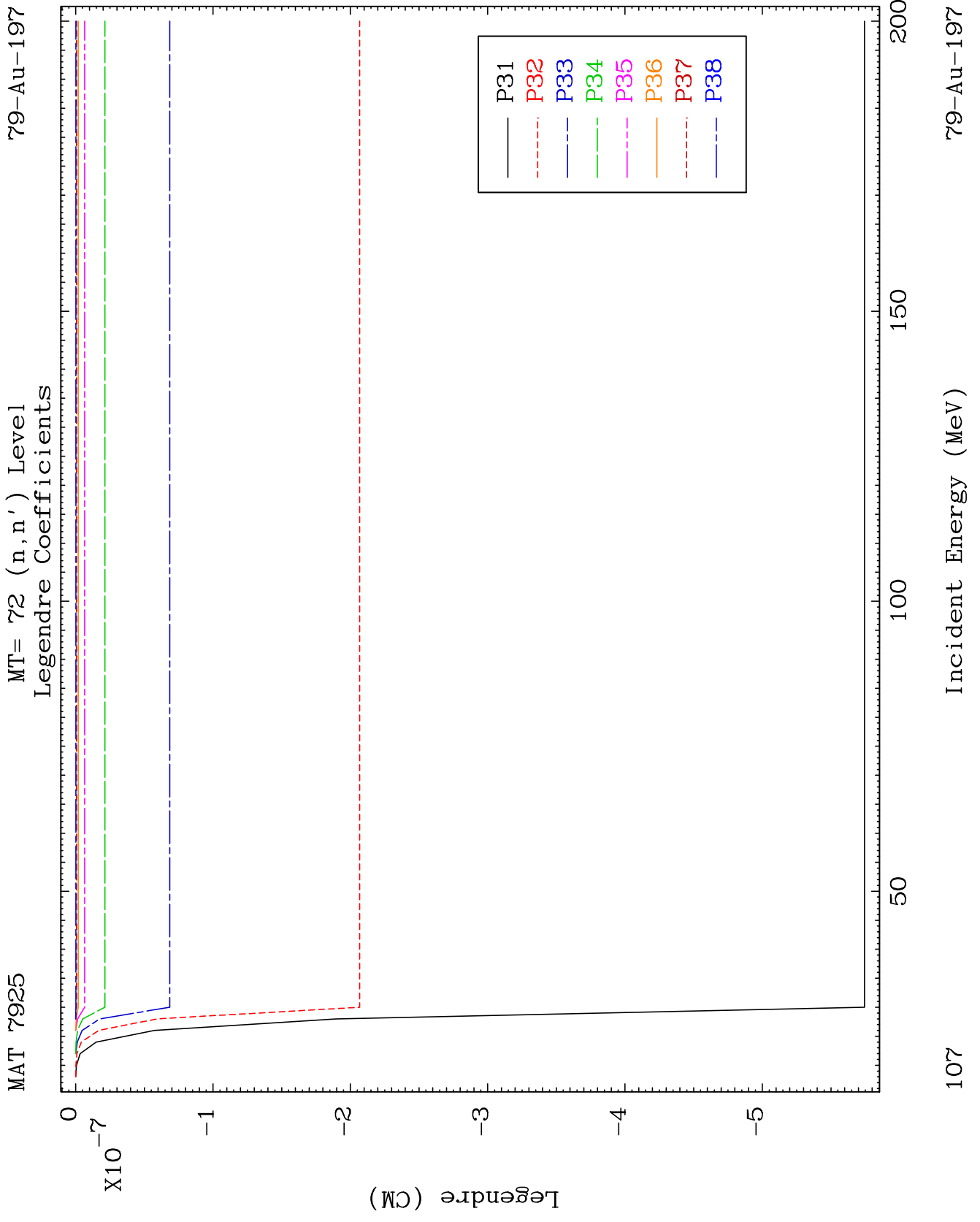
79-Au-197

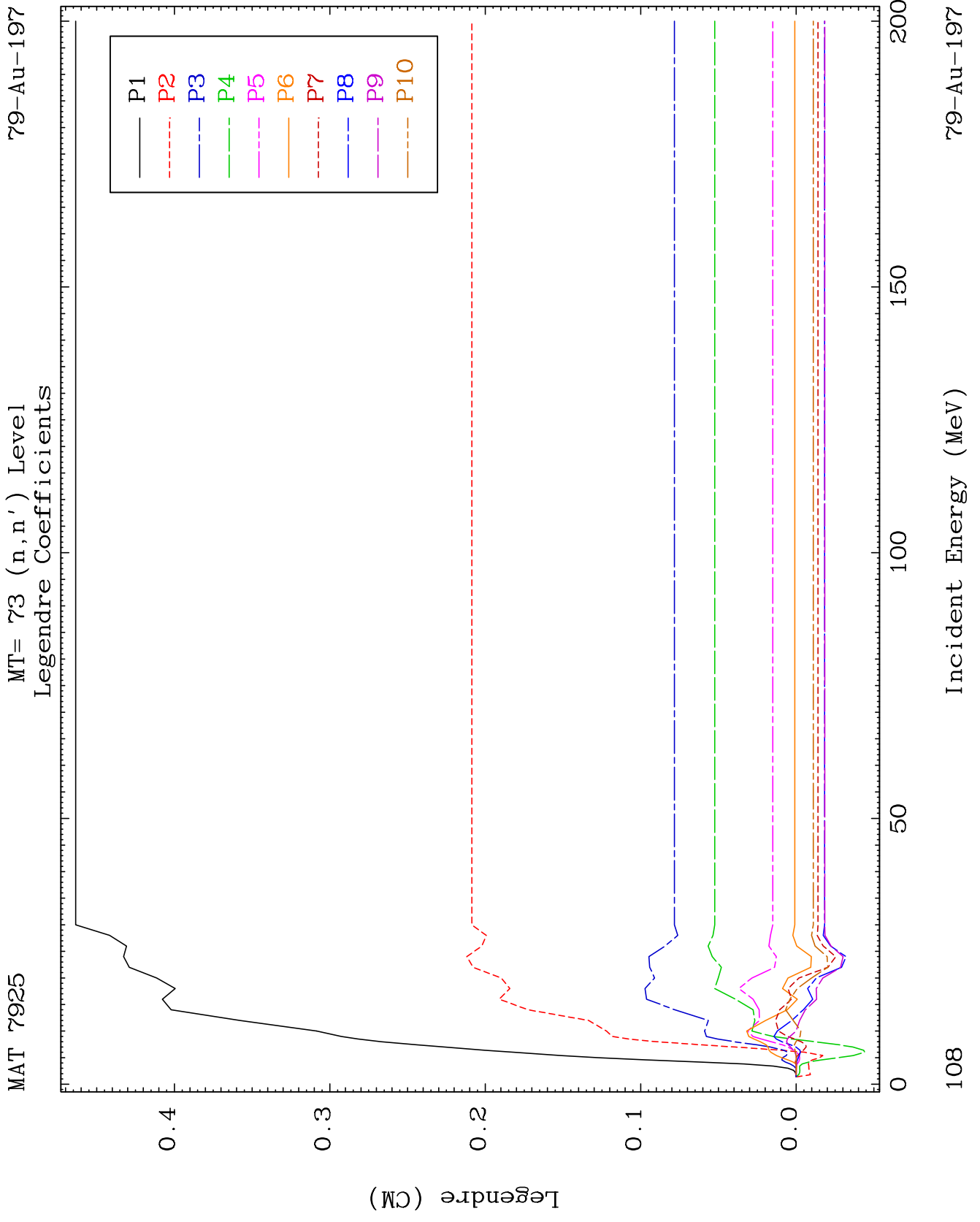


106

Incident Energy (MeV)

79-Au-197

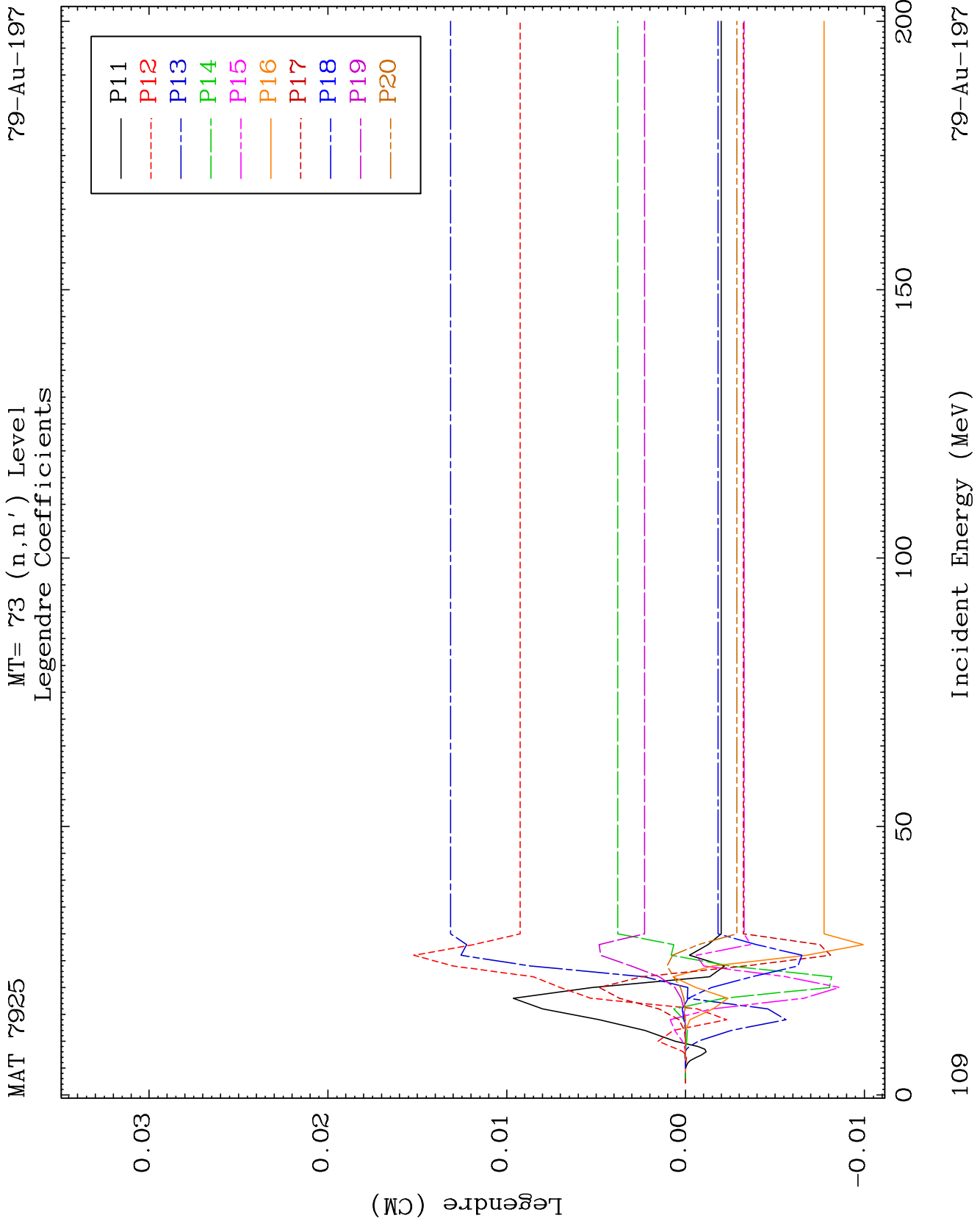




79-Au-197

Incident Energy (MeV)

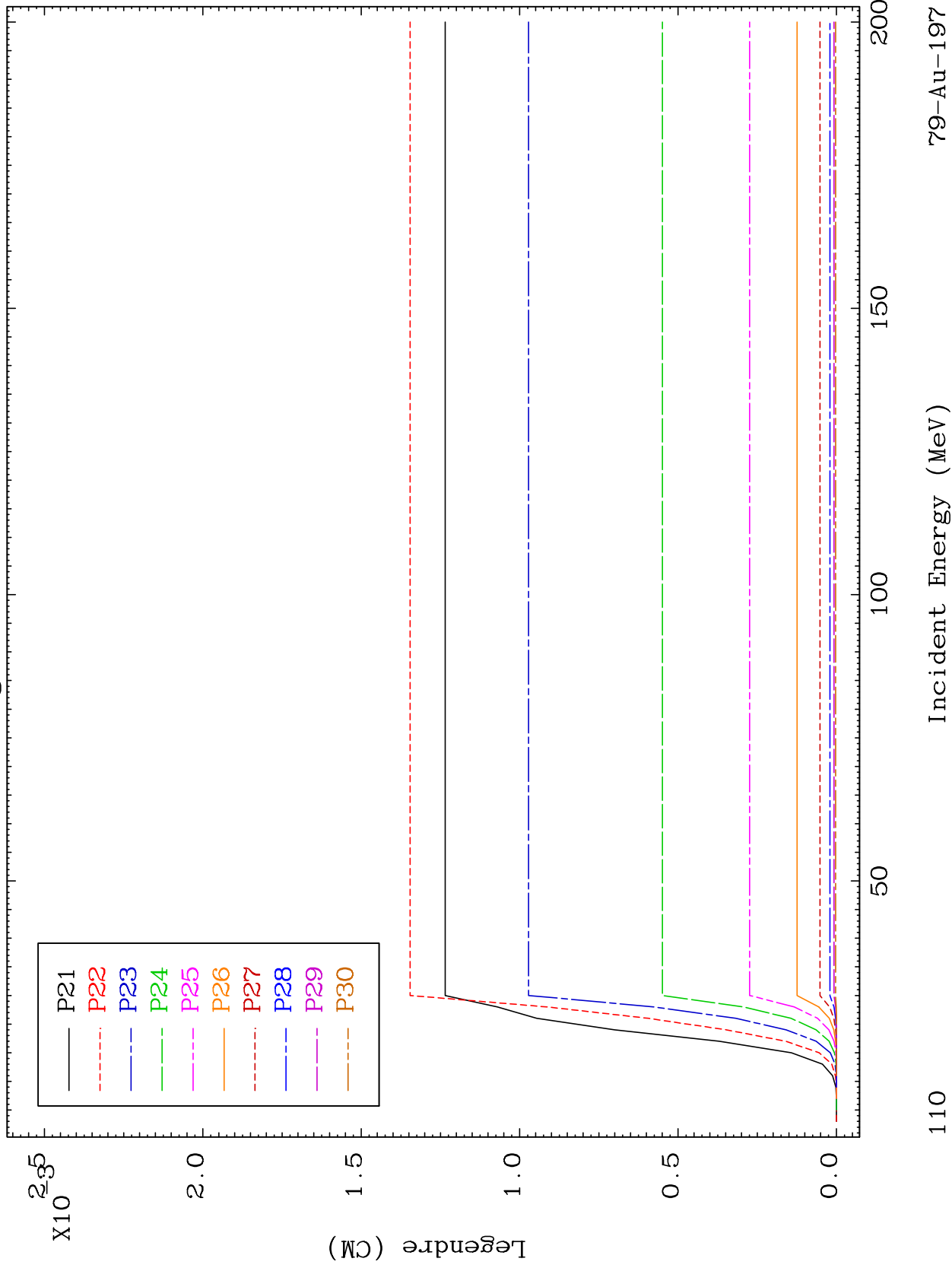
108



MAT 7925

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

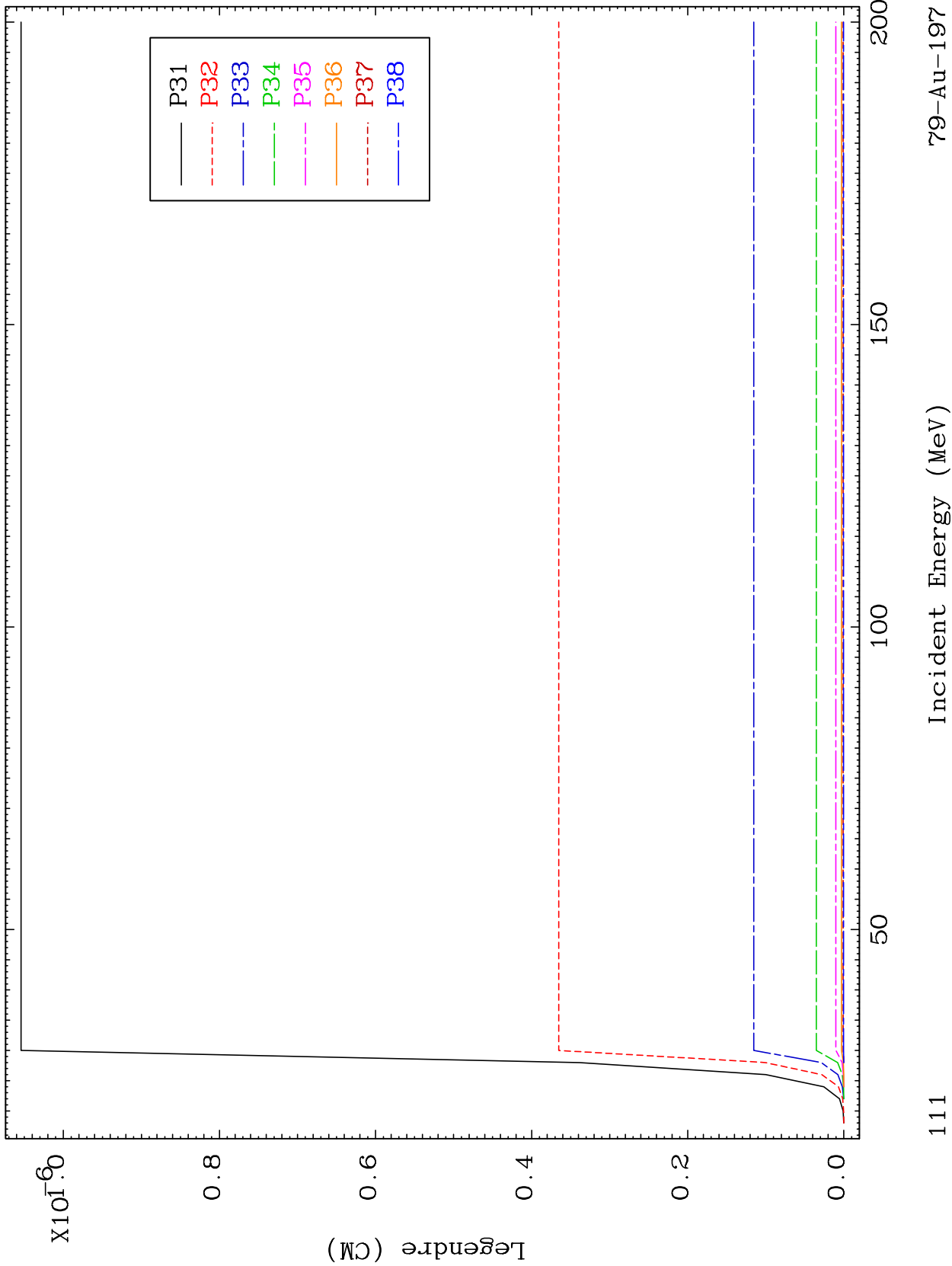
79-Au-197



110

Incident Energy (MeV)

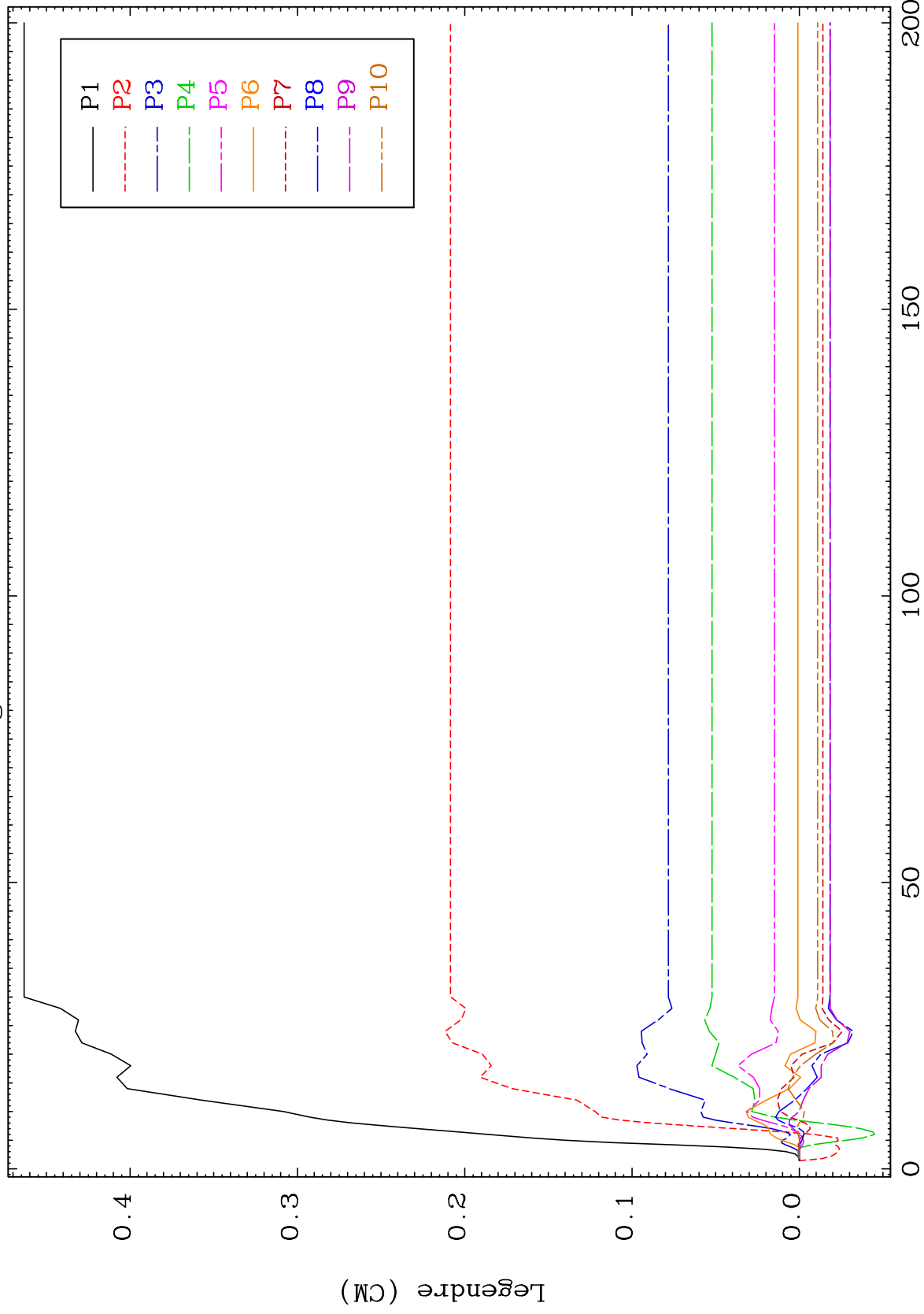
79-Au-197



MAT 7925

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

79-Au-197



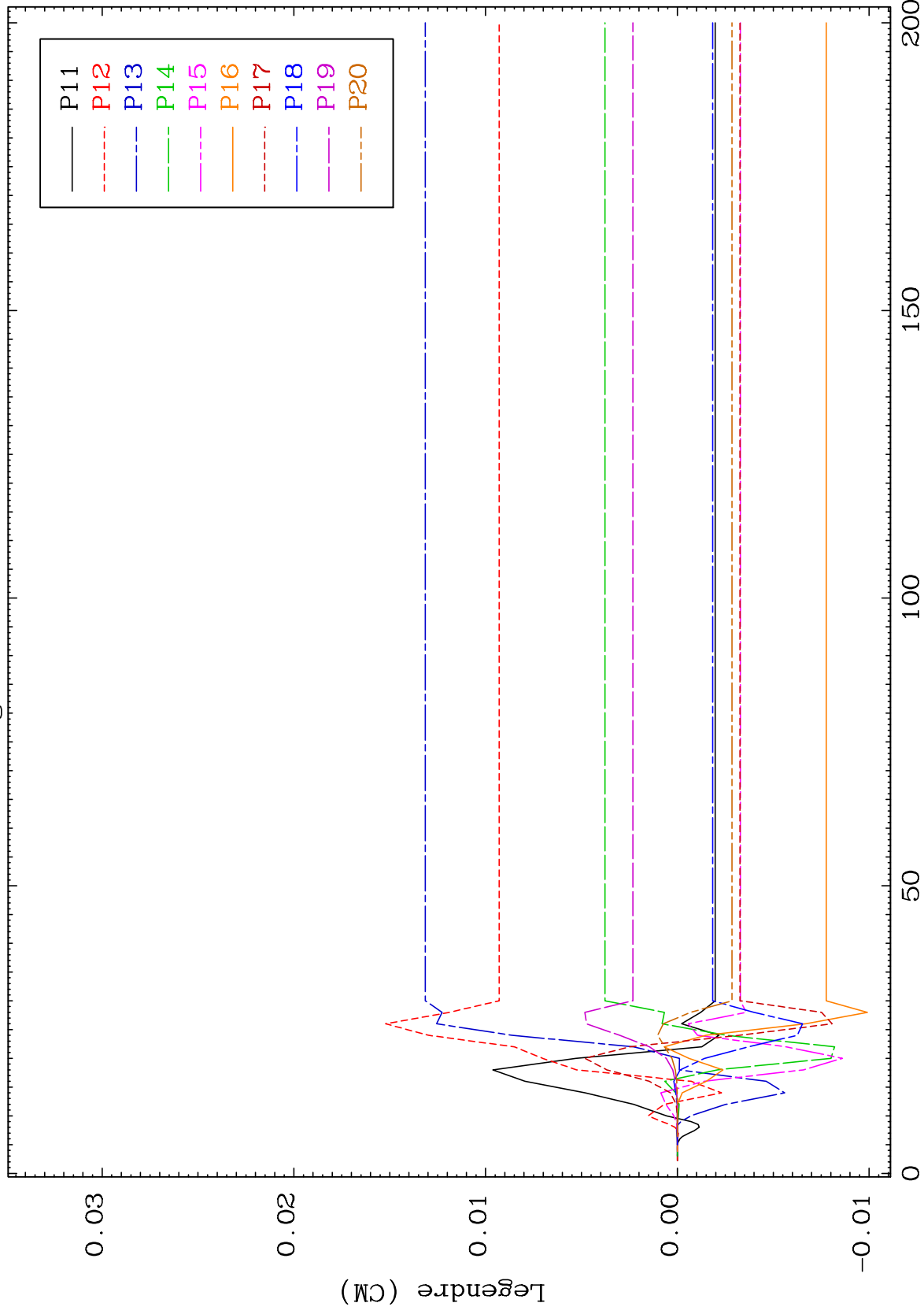
112

79-Au-197

MAT 7925

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

79-Au-197



113

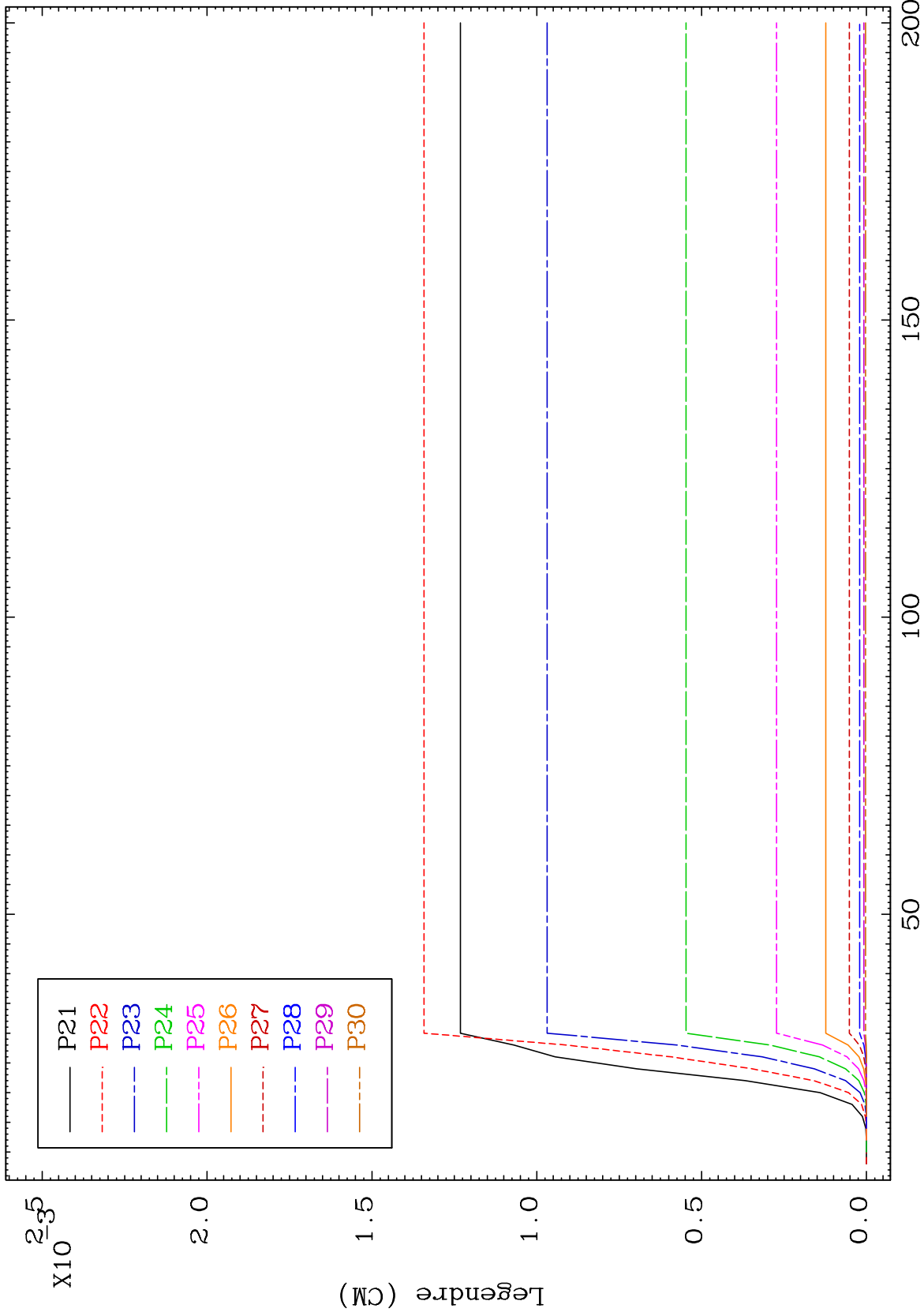
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



114

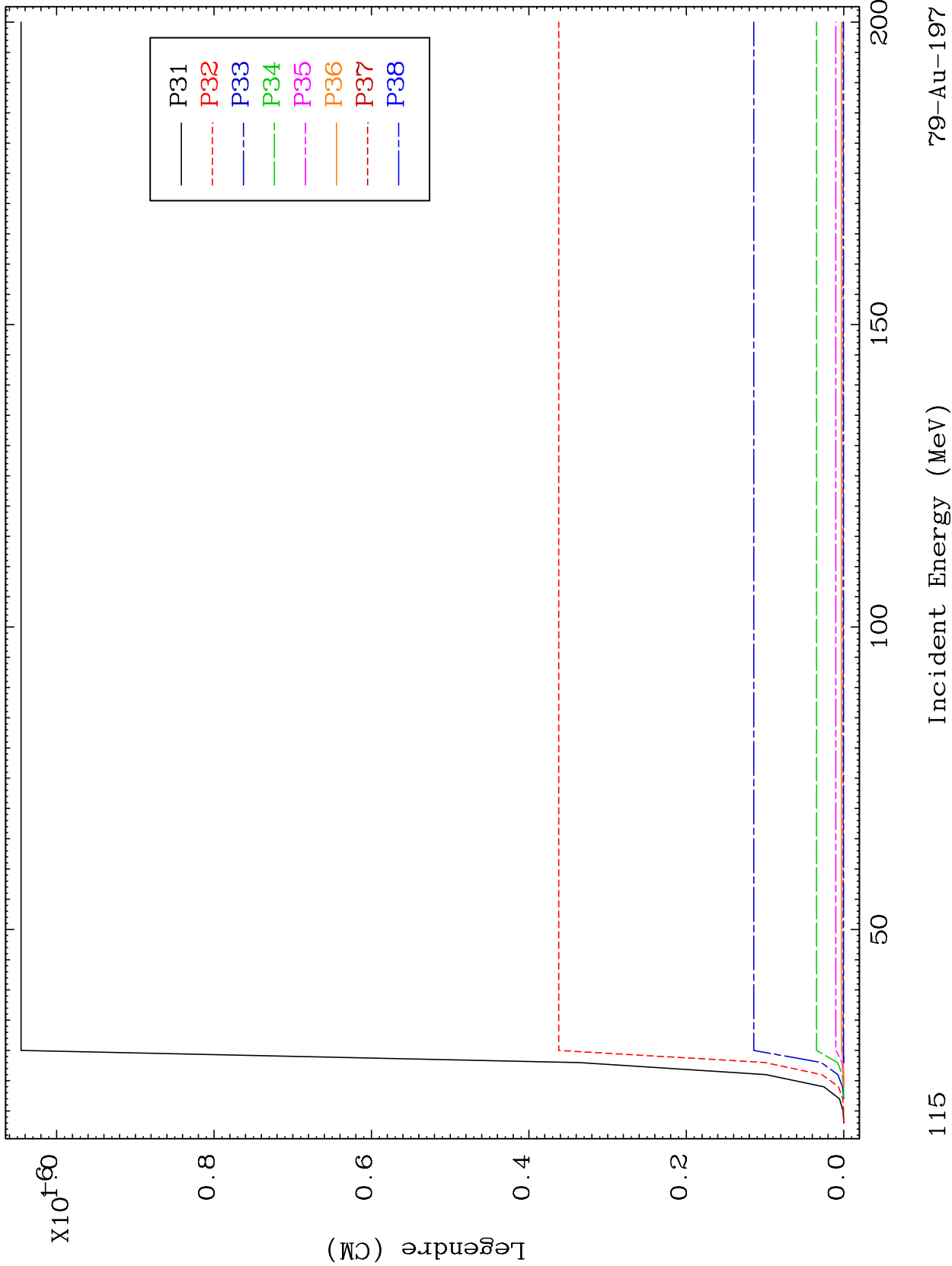
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



115

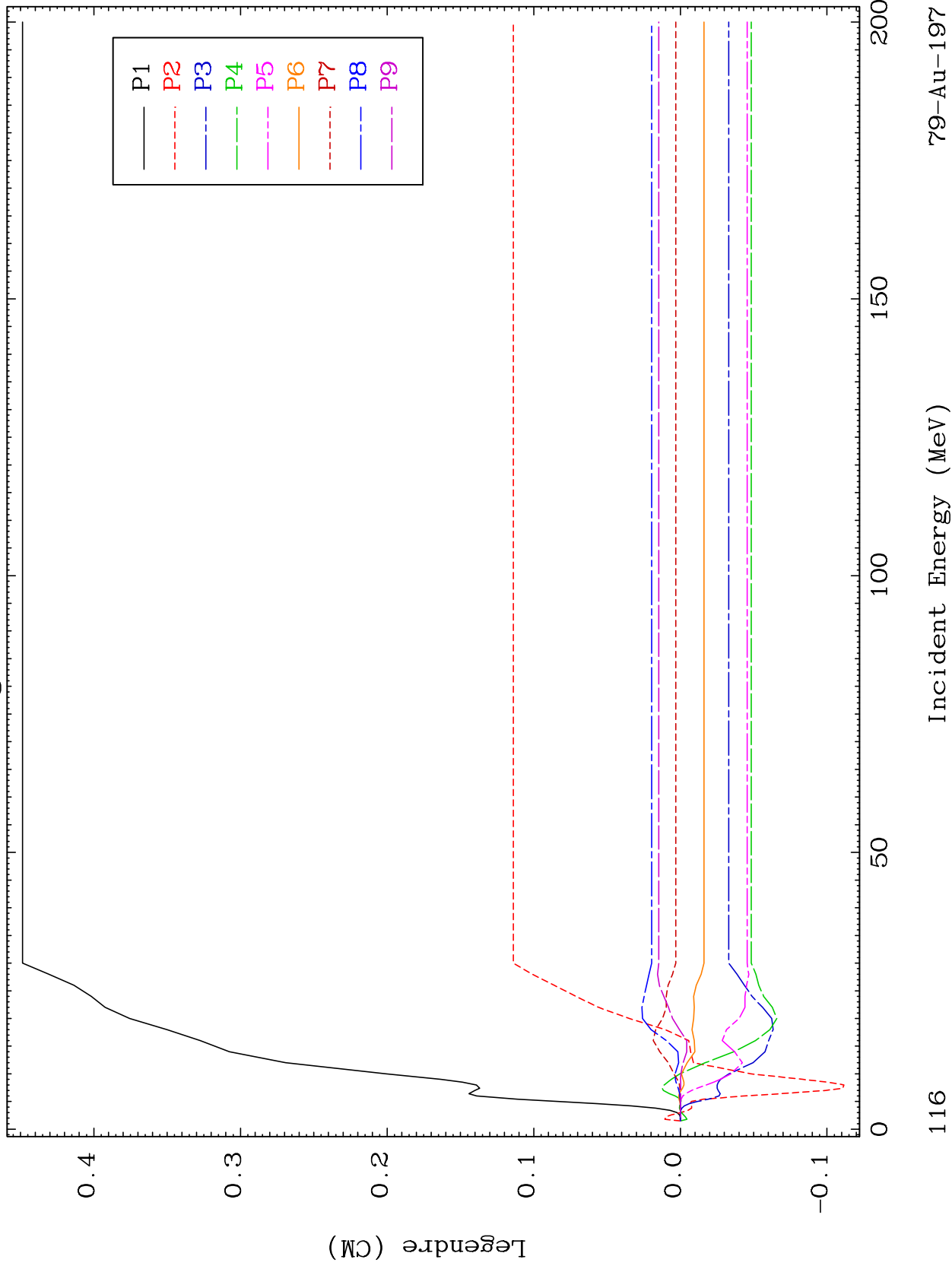
Incident Energy (MeV)

79-Au-197

MAT 7925

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

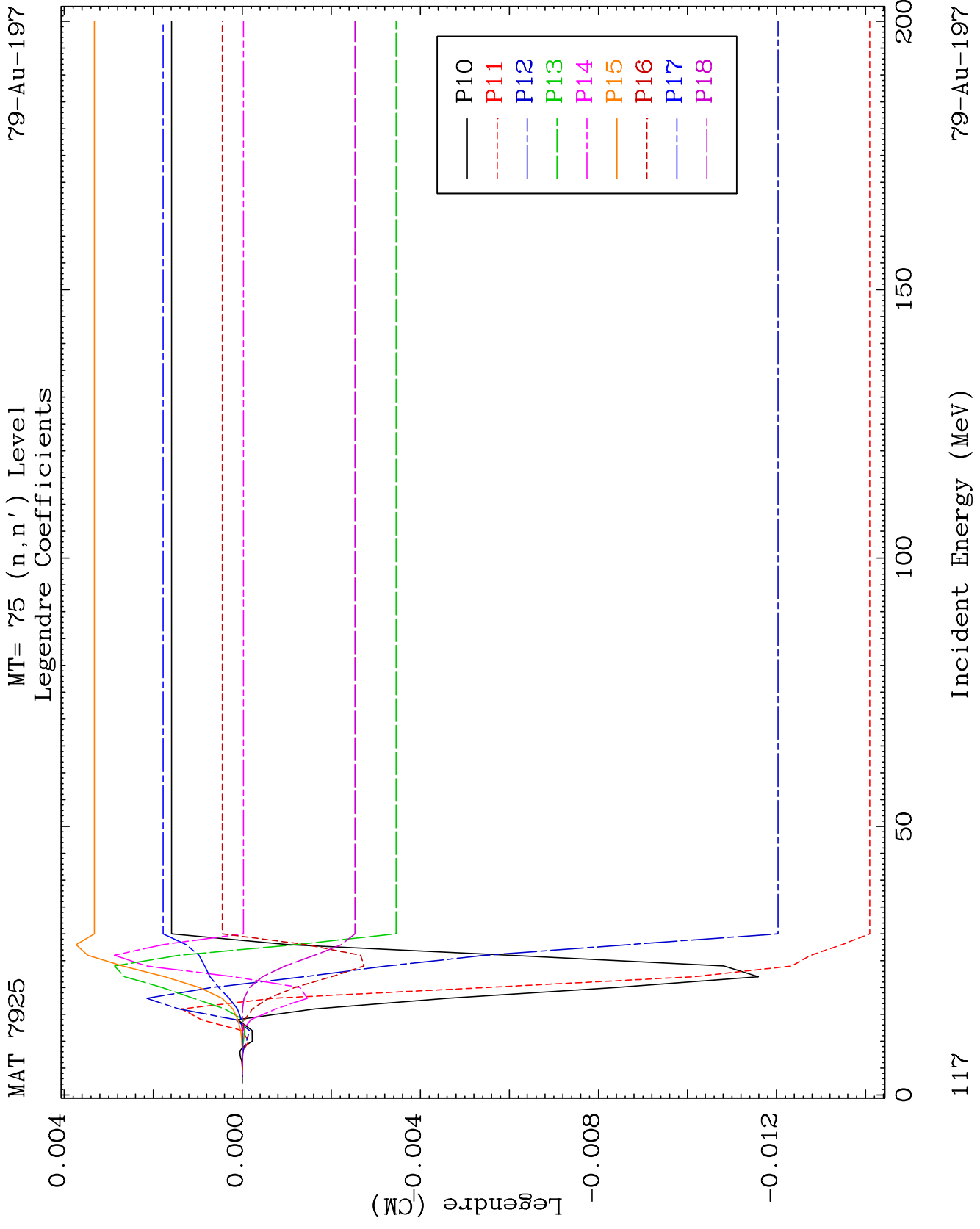
79-Au-197

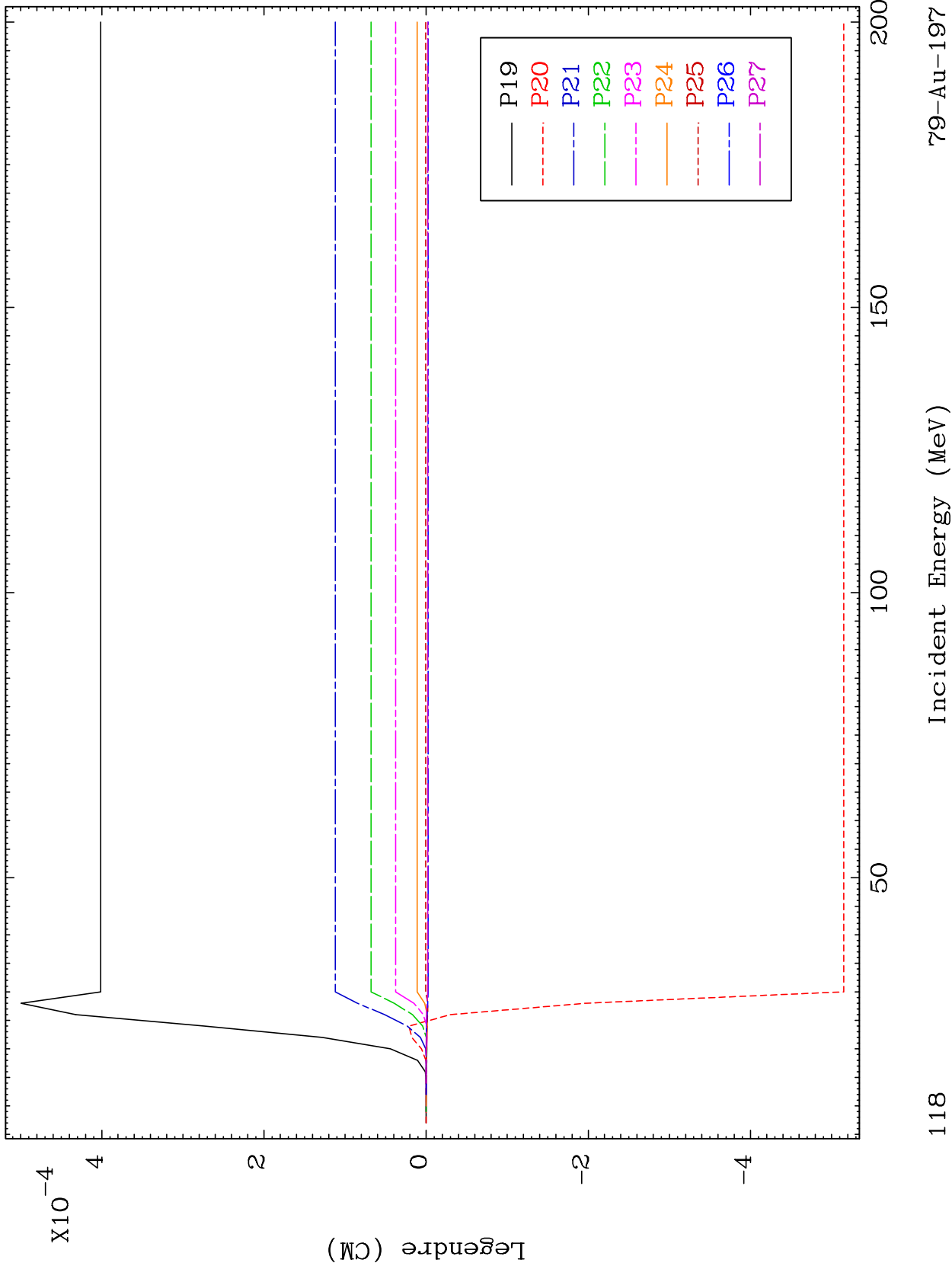


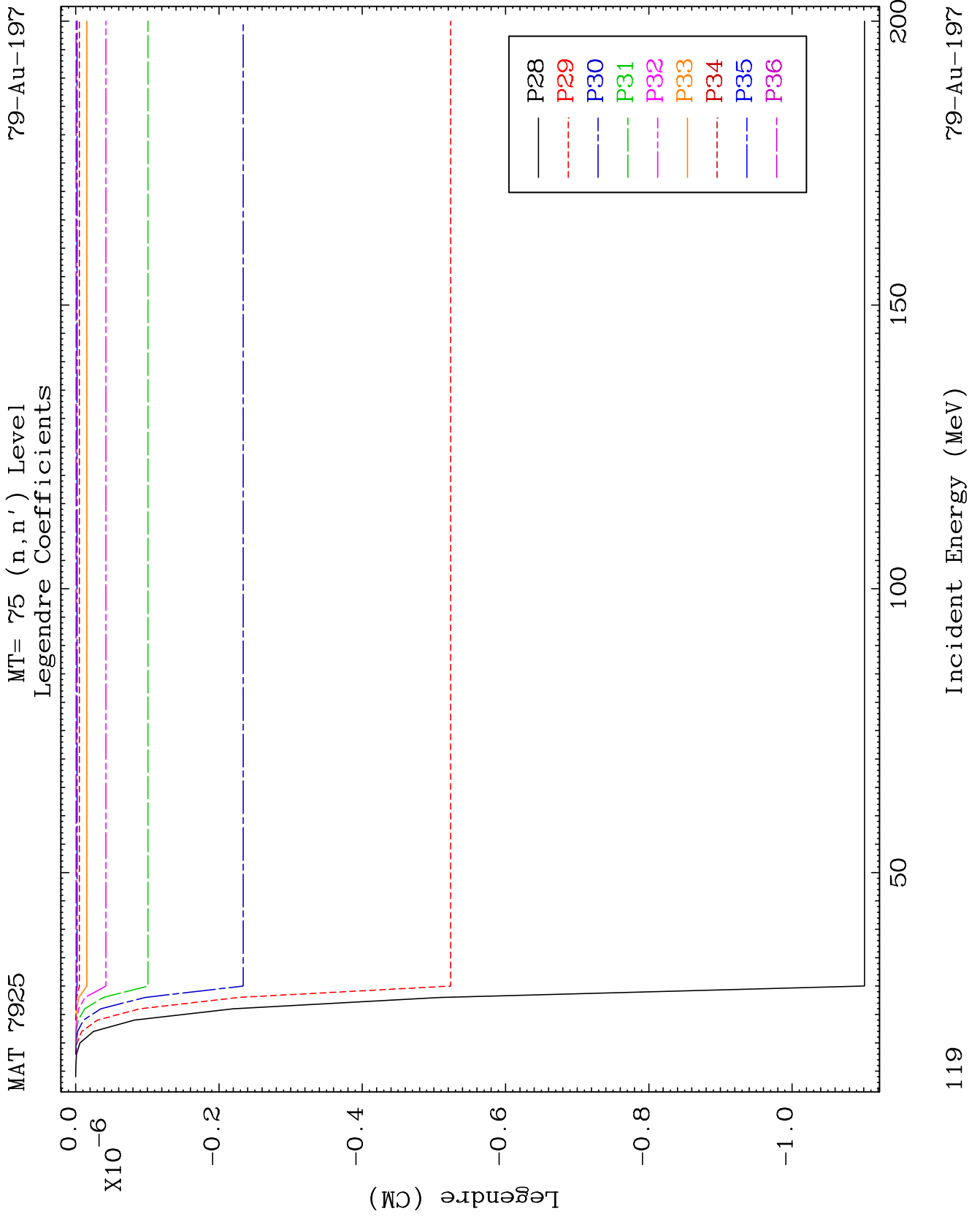
79-Au-197

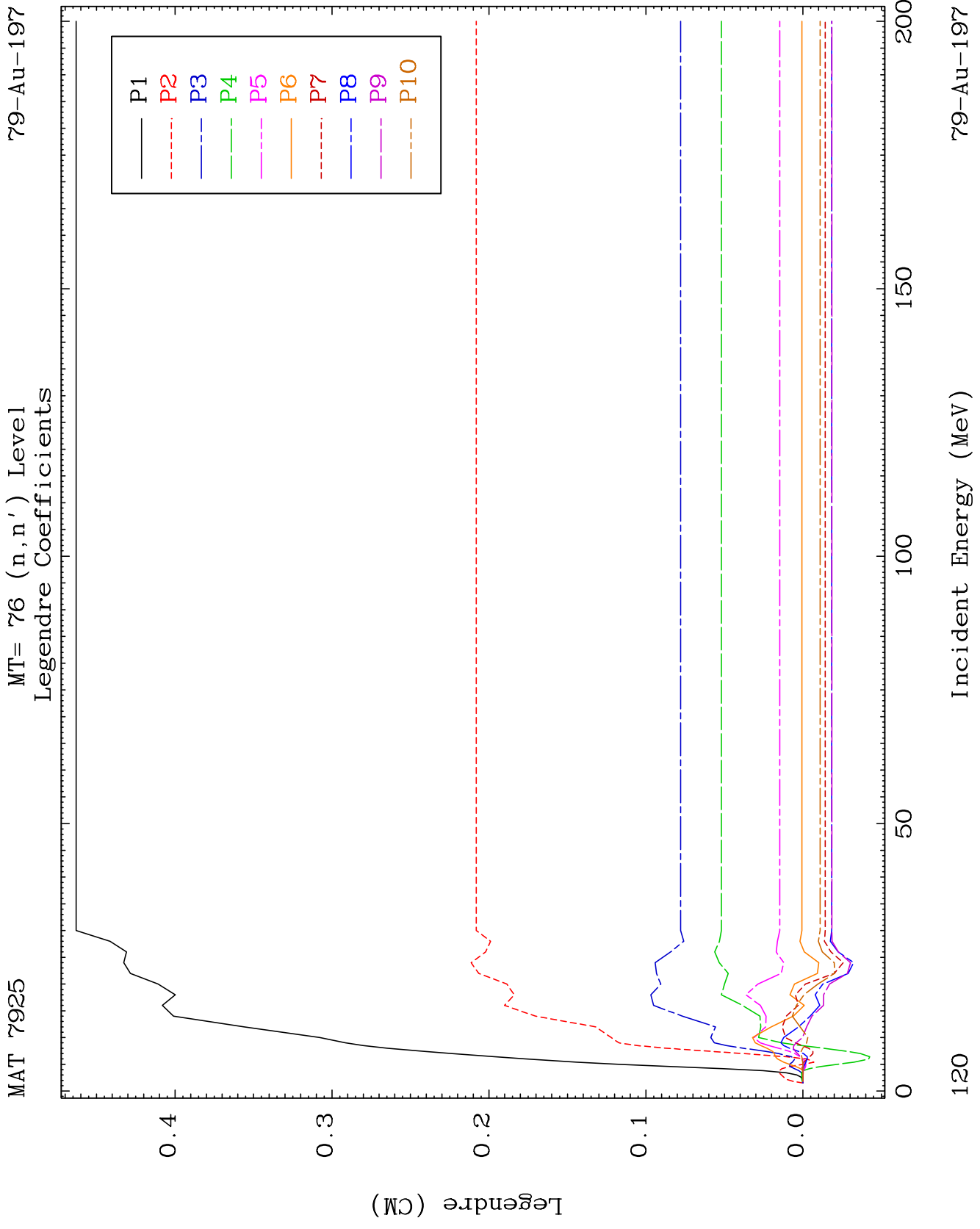
Incident Energy (MeV)

116





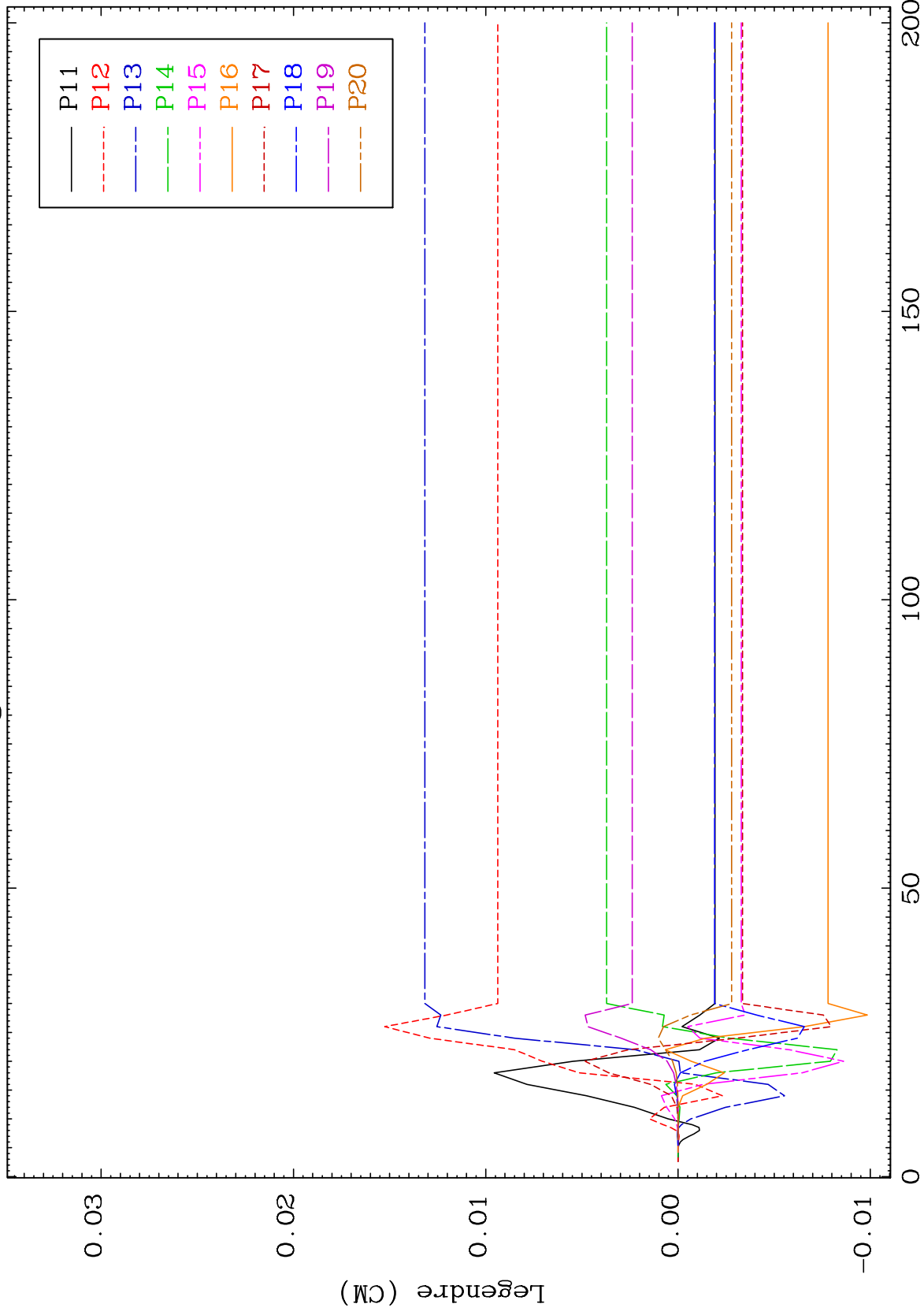




MAT 7925

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

79-Au-197



121

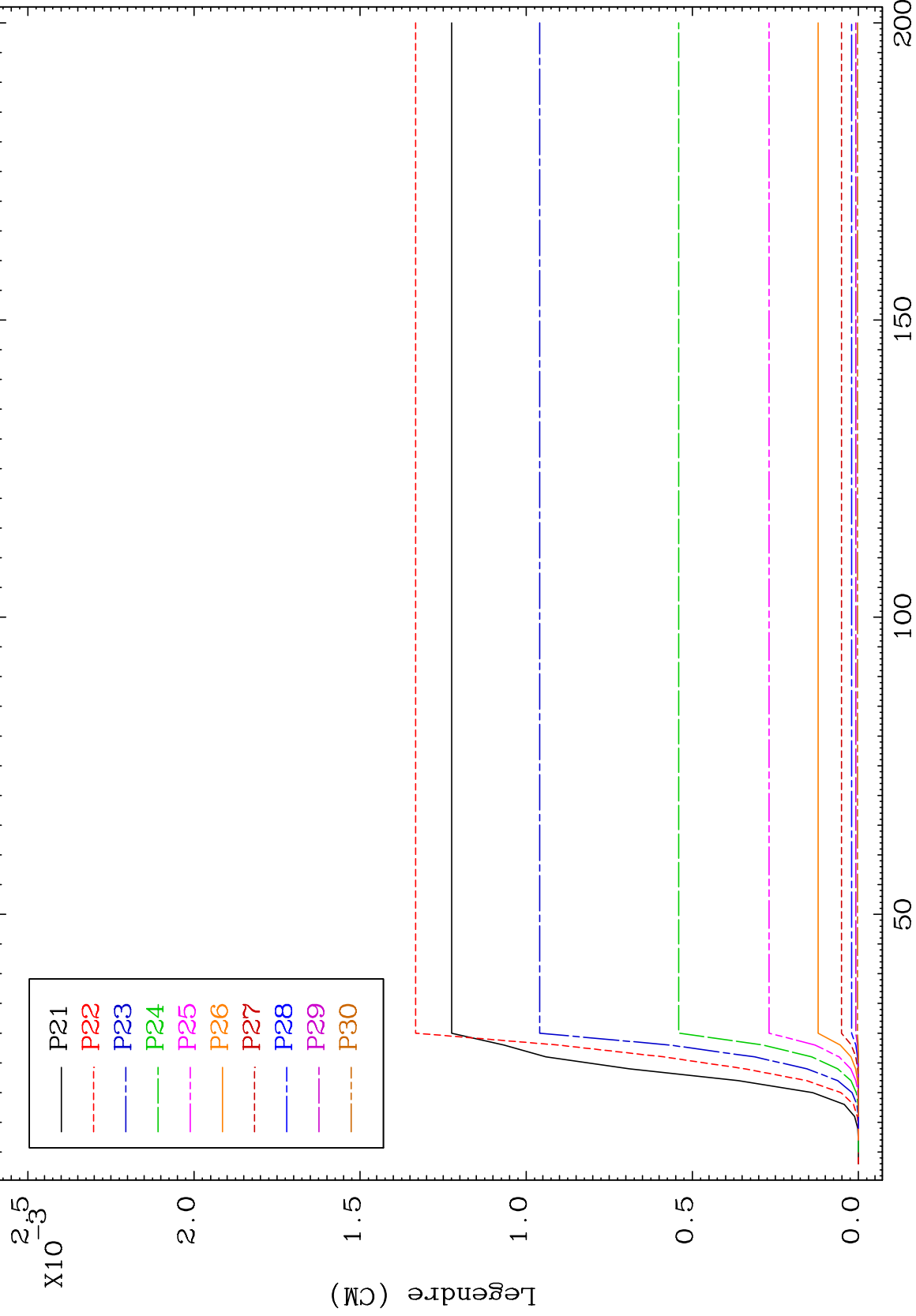
Incident Energy (MeV)

79-Au-197

MAT 7925

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

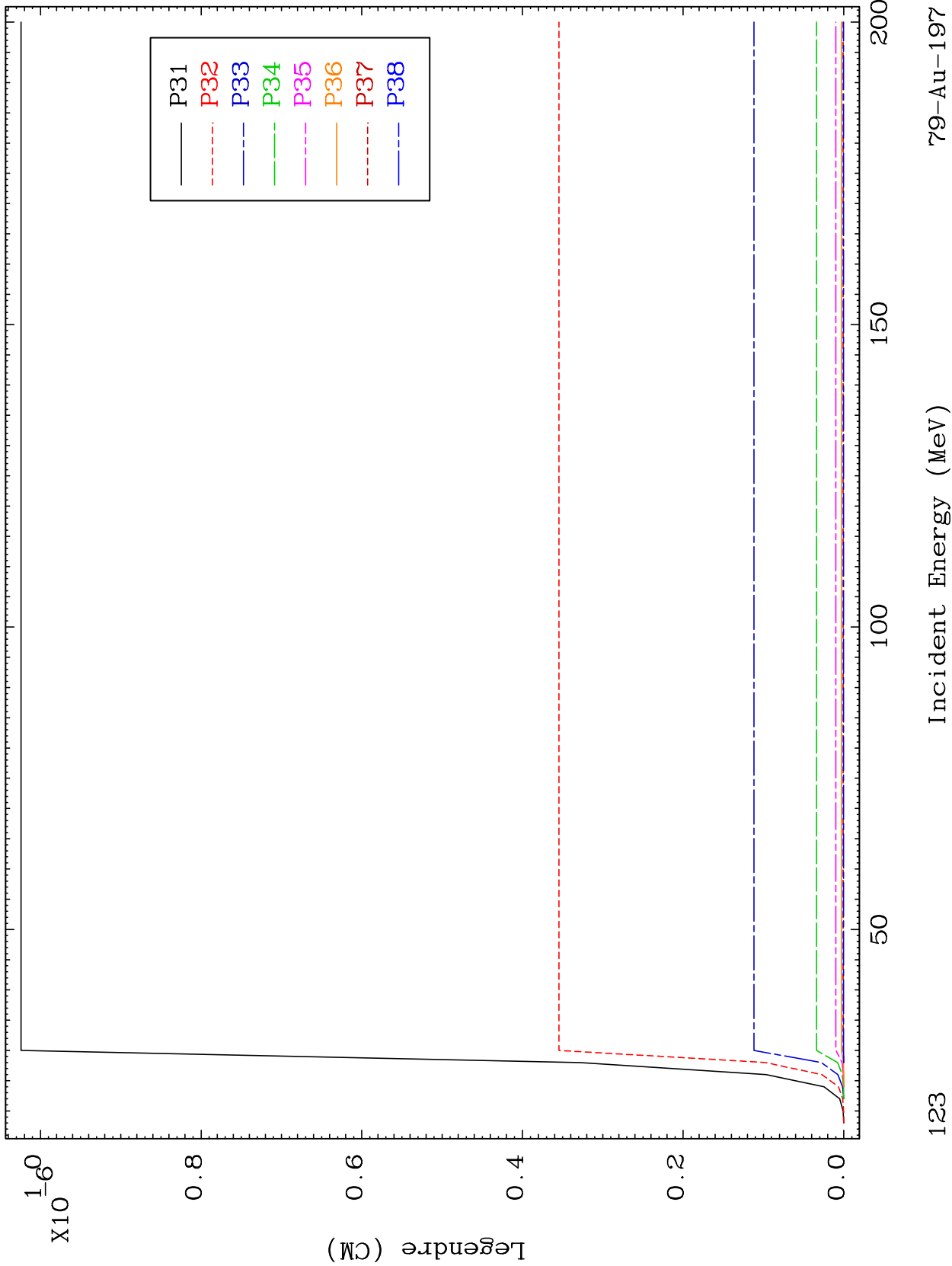
79-Au-197



122

Incident Energy (MeV)

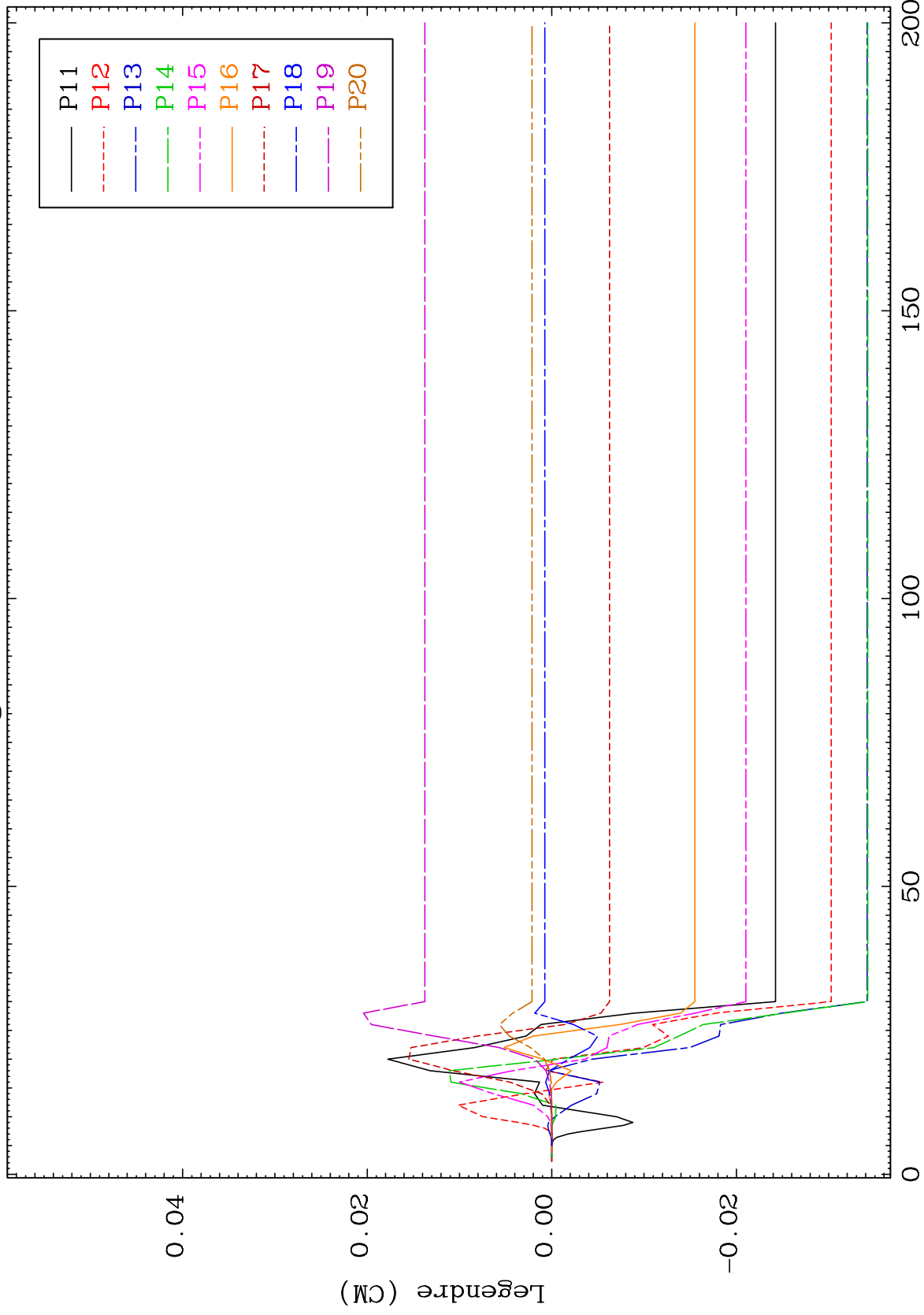
79-Au-197



MAT 7925

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

79-Au-197



125

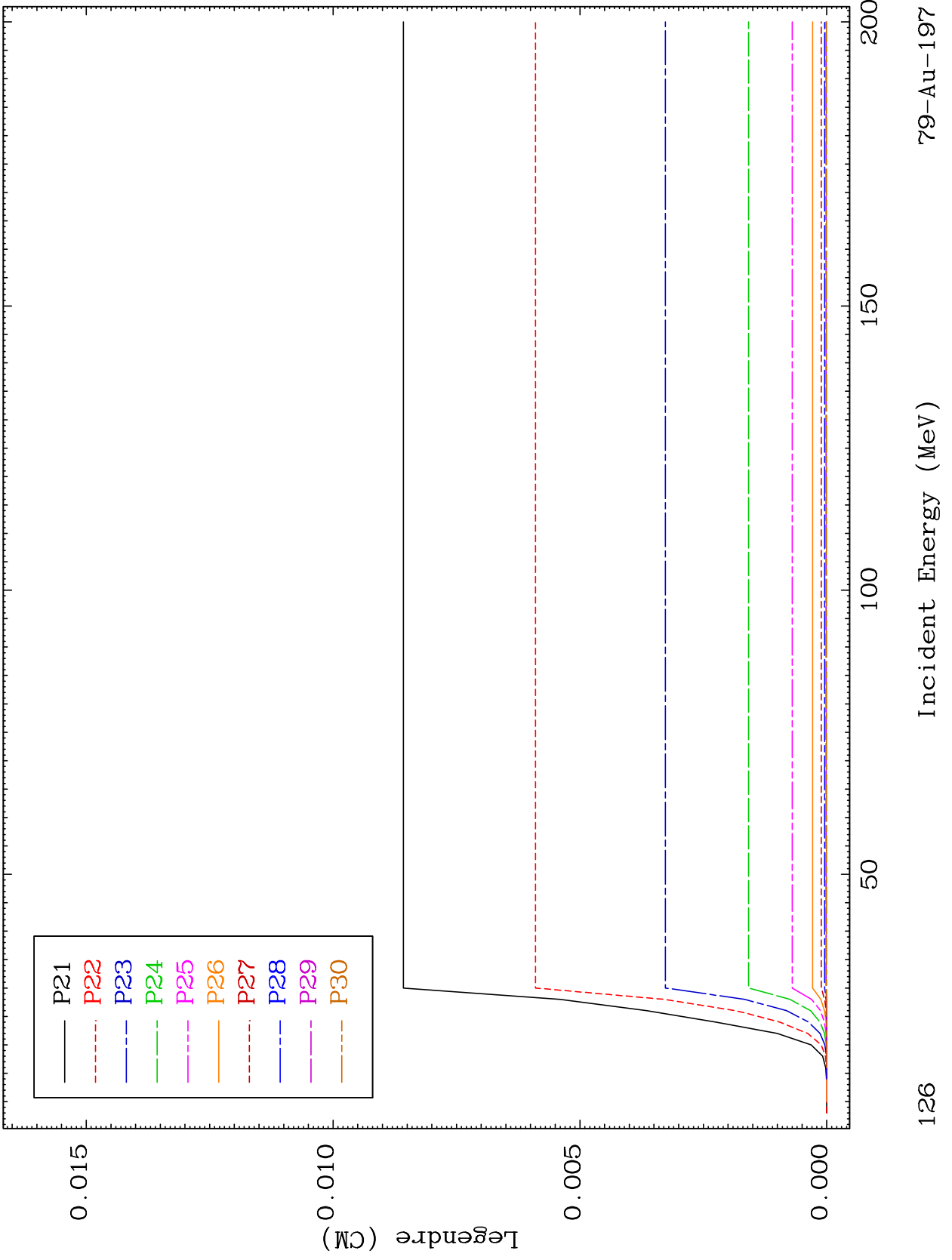
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



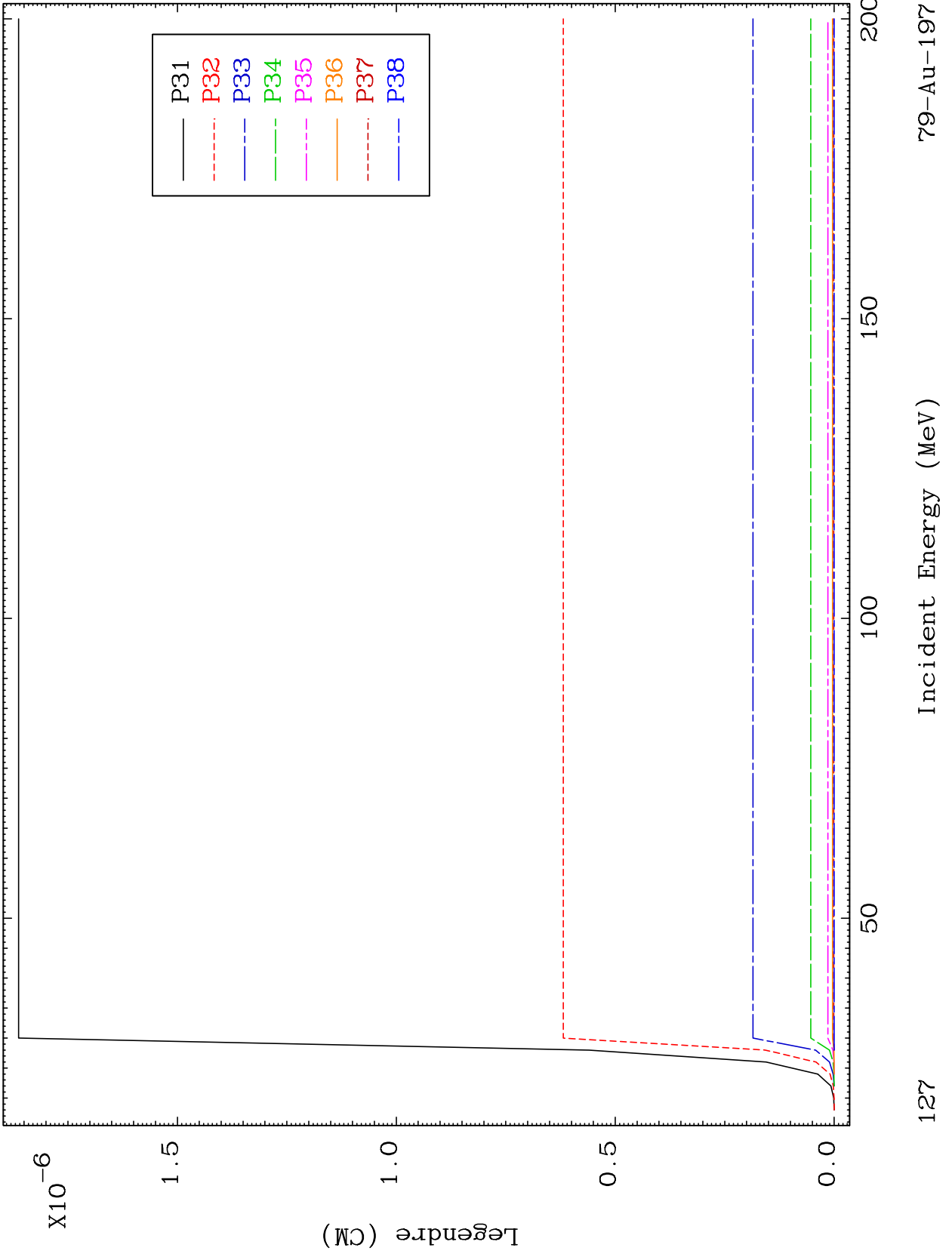
126

79-Au-197

MAT 7925

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

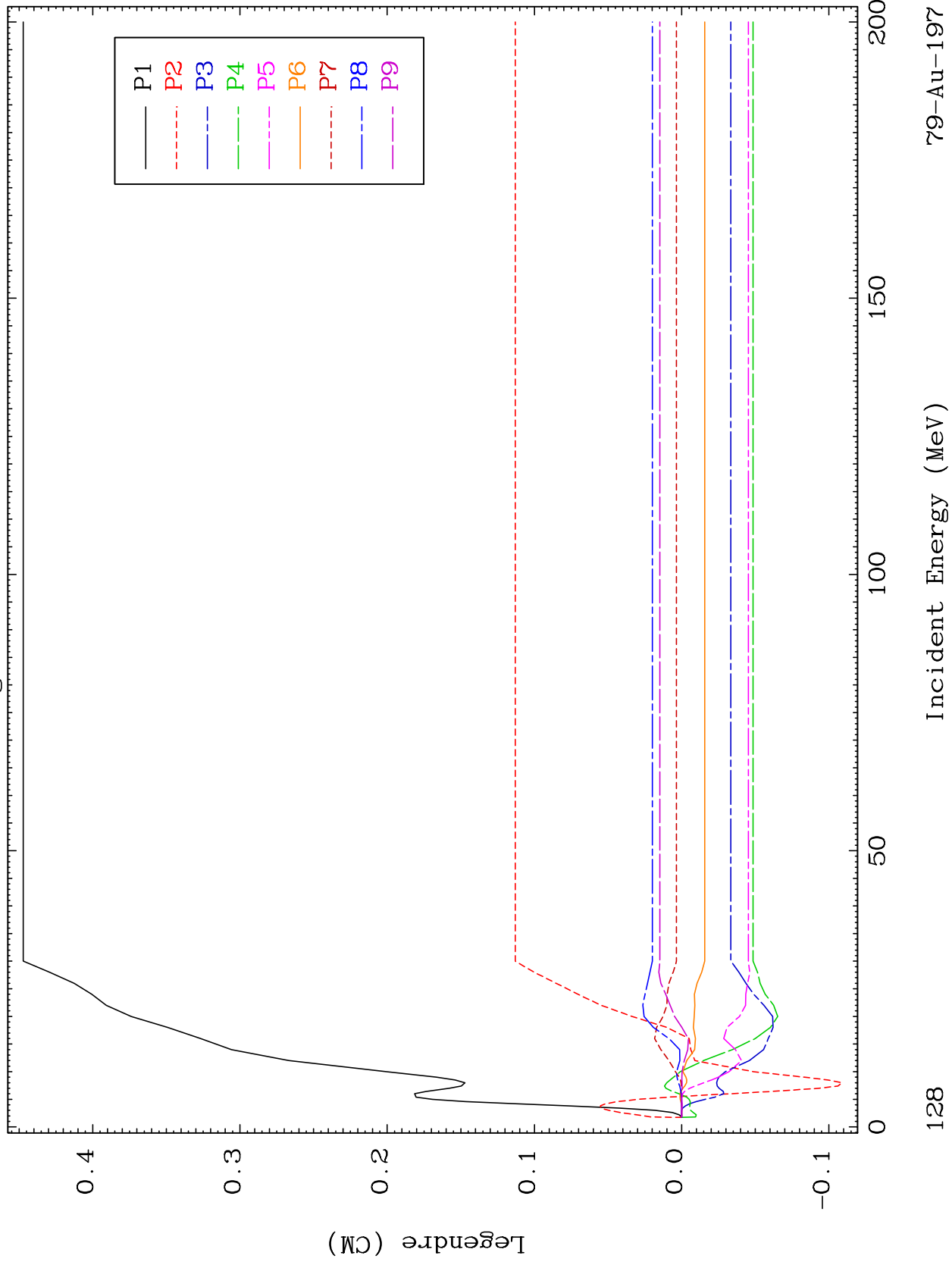
79-Au-197



MAT 7925

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

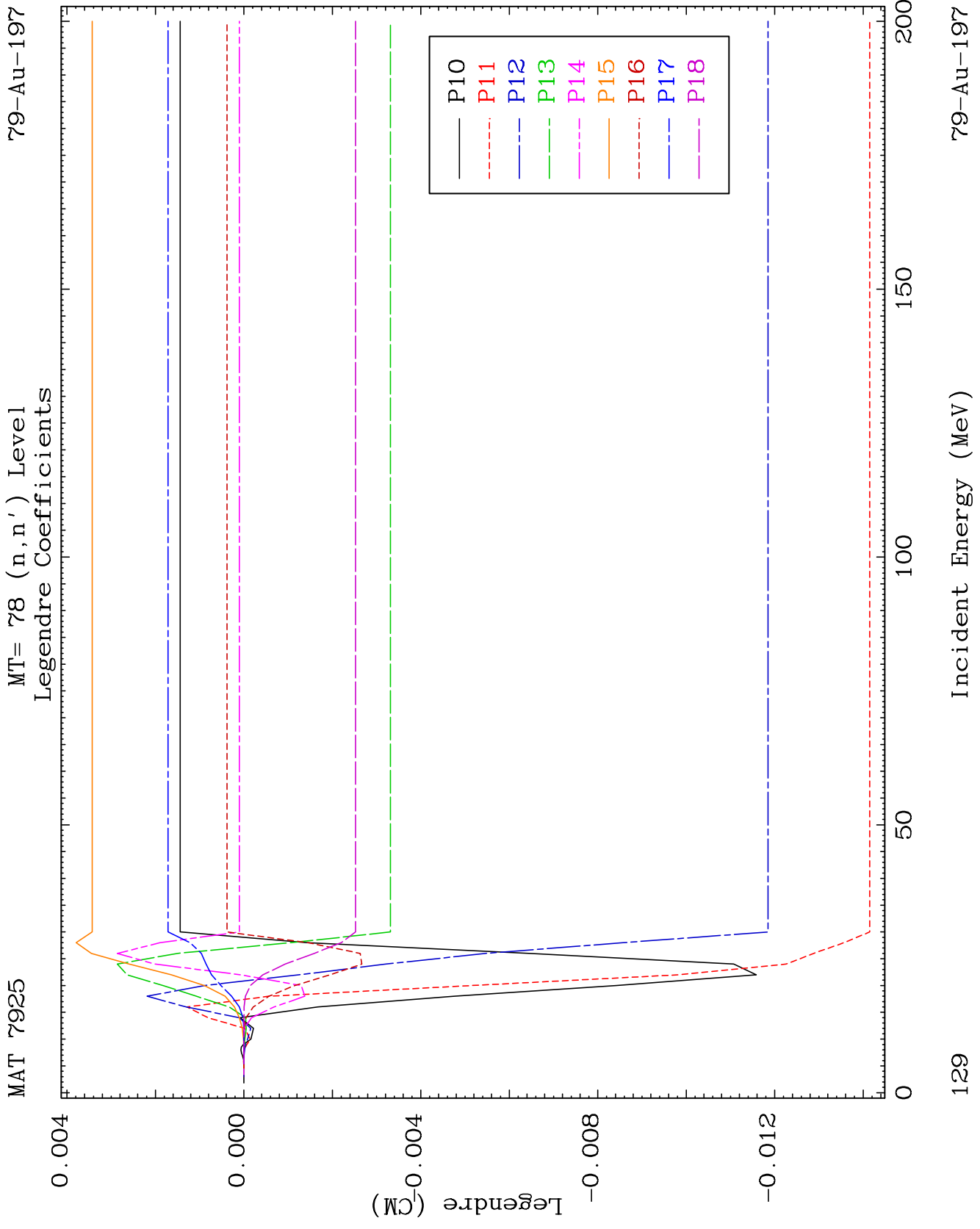
79-Au-197



79-Au-197

Incident Energy (MeV)

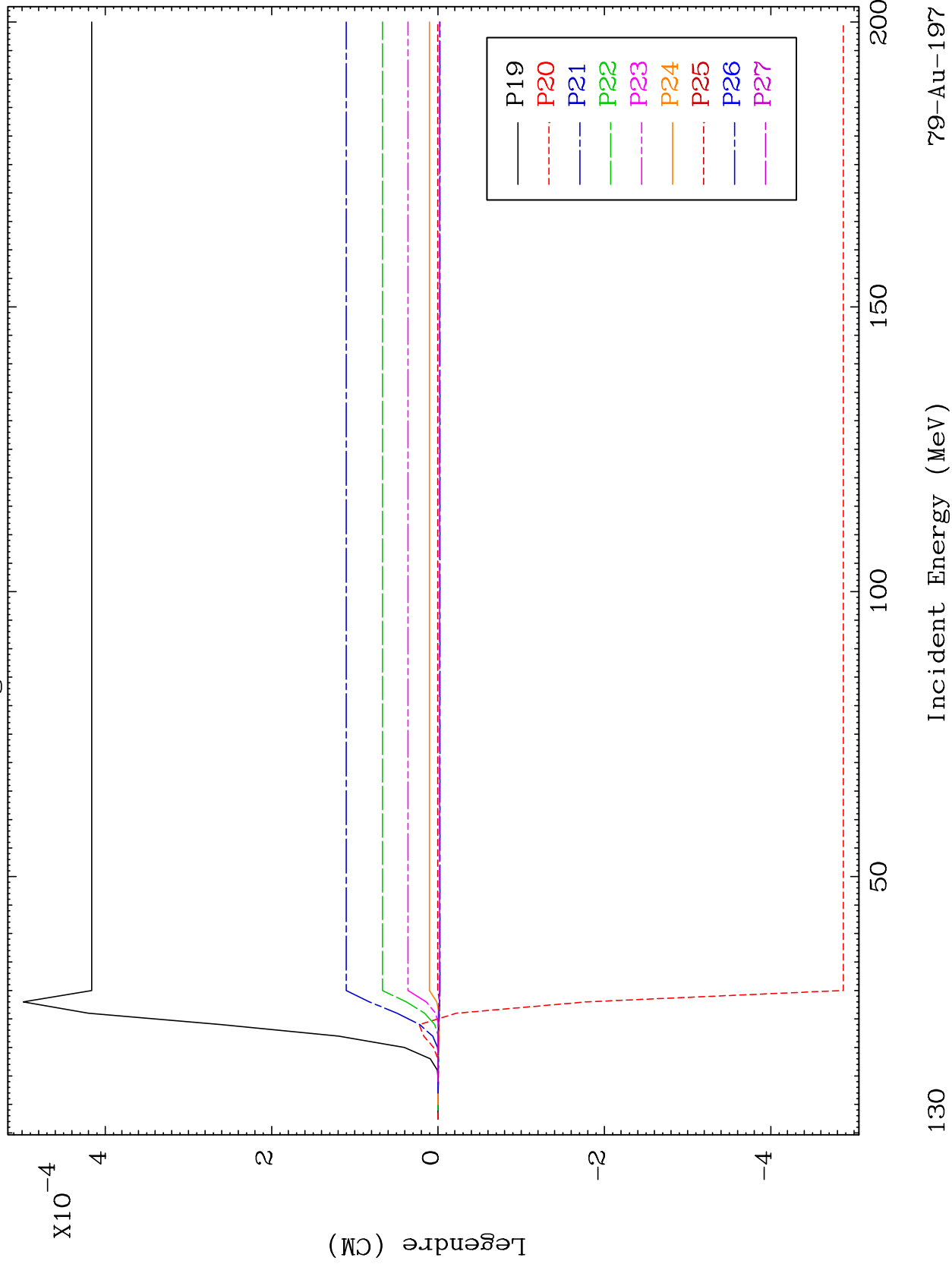
128



MAT 7925

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

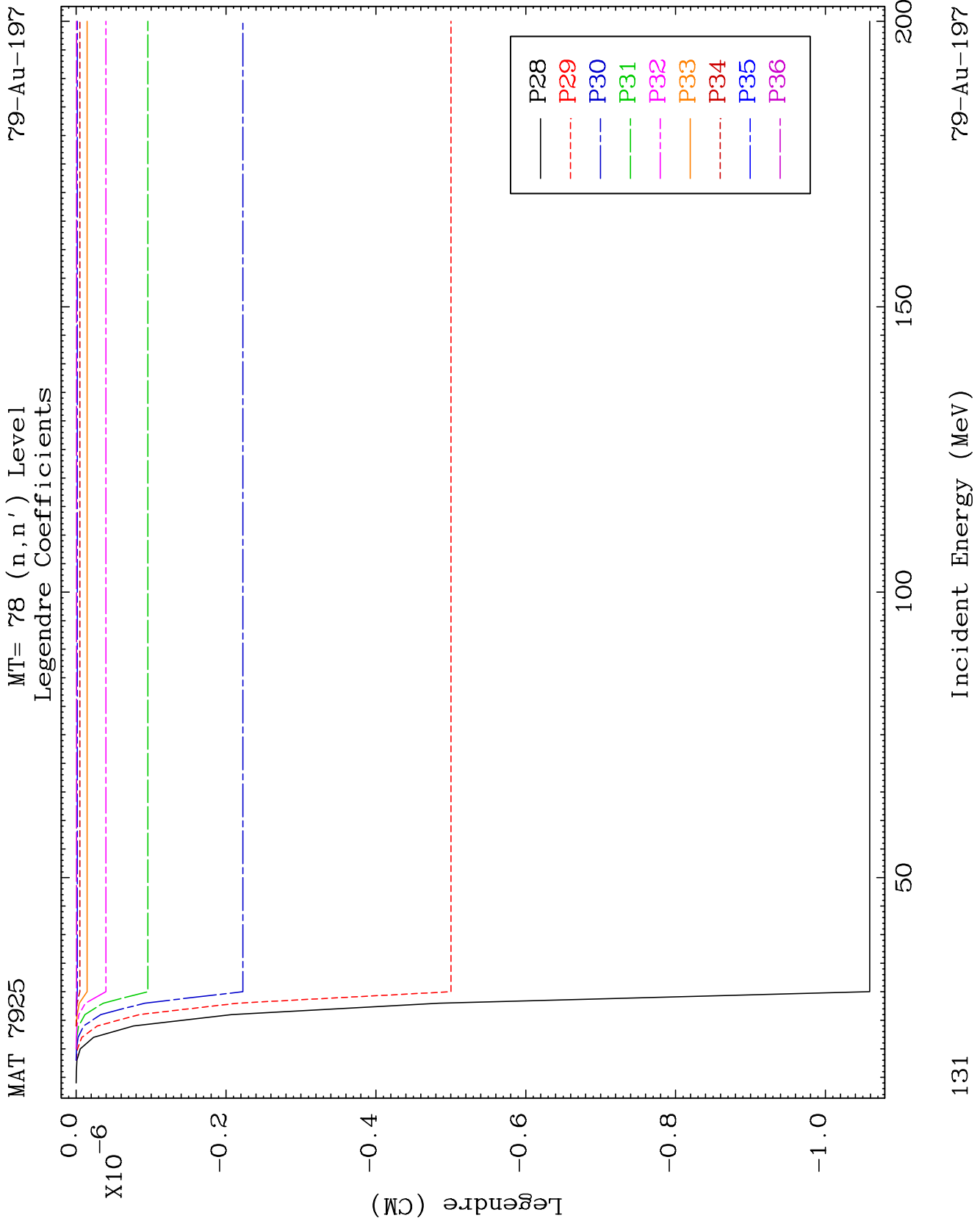
79-Au-197

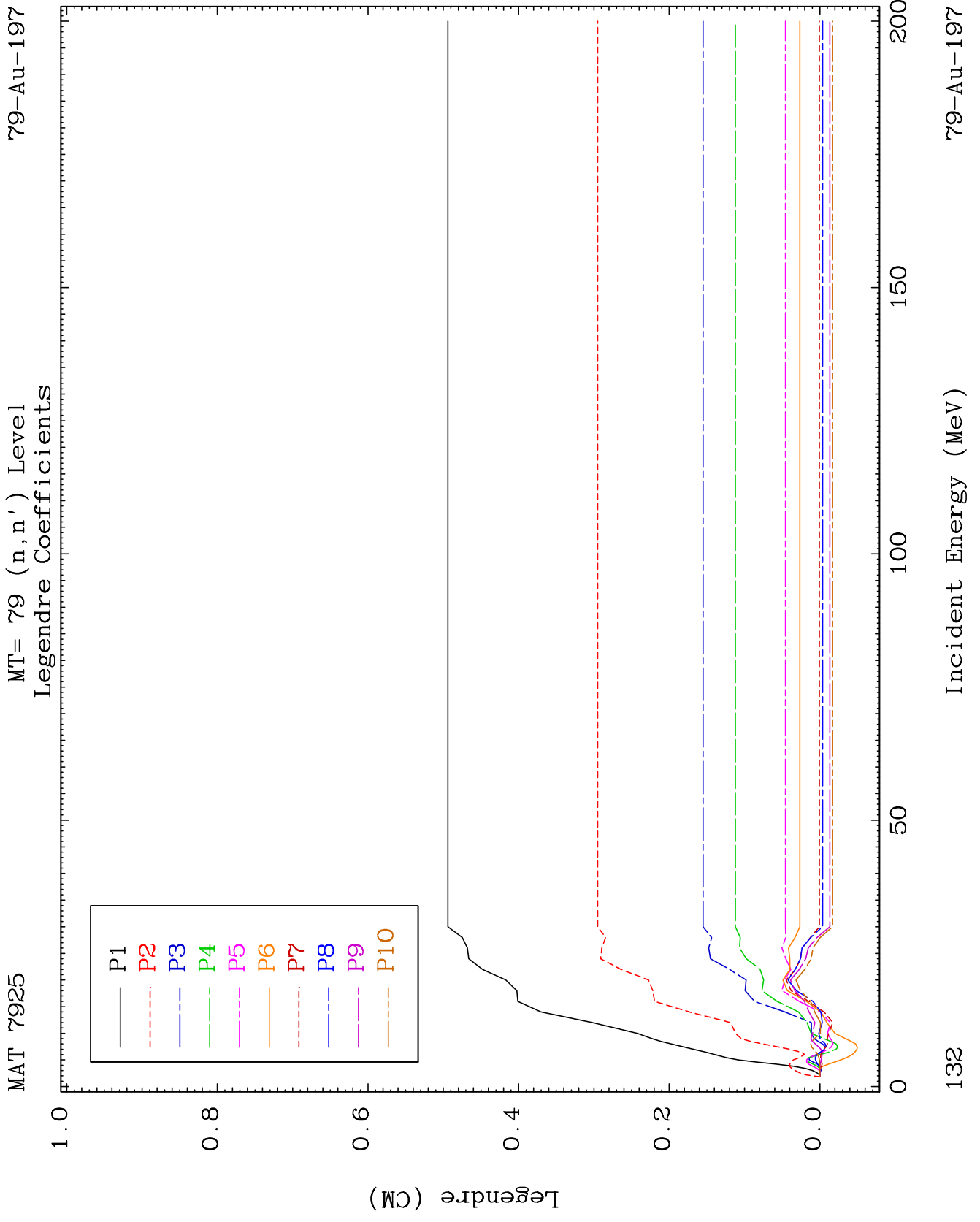


130

Incident Energy (MeV)

79-Au-197

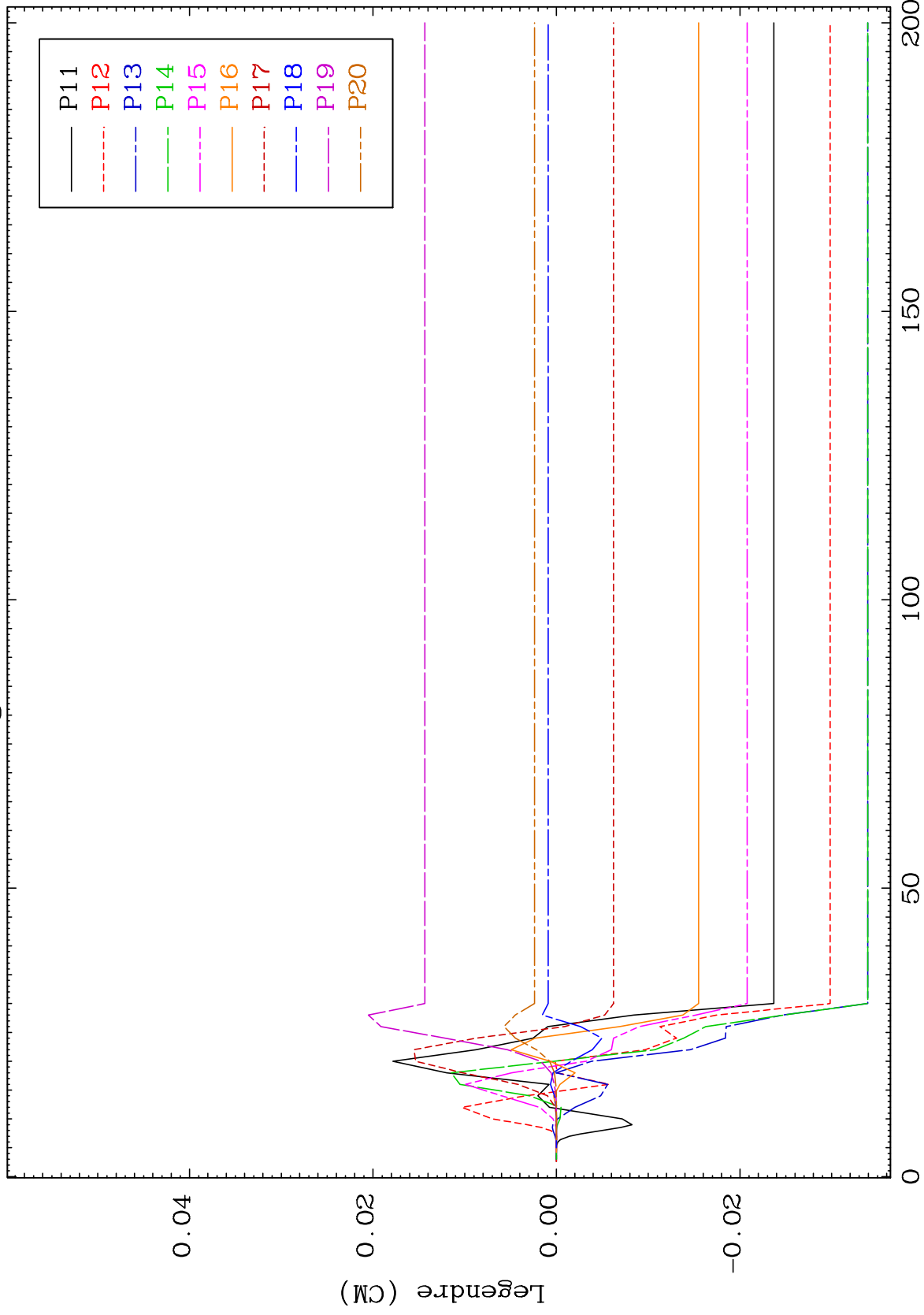




MAT 7925

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

79-Au-197



133

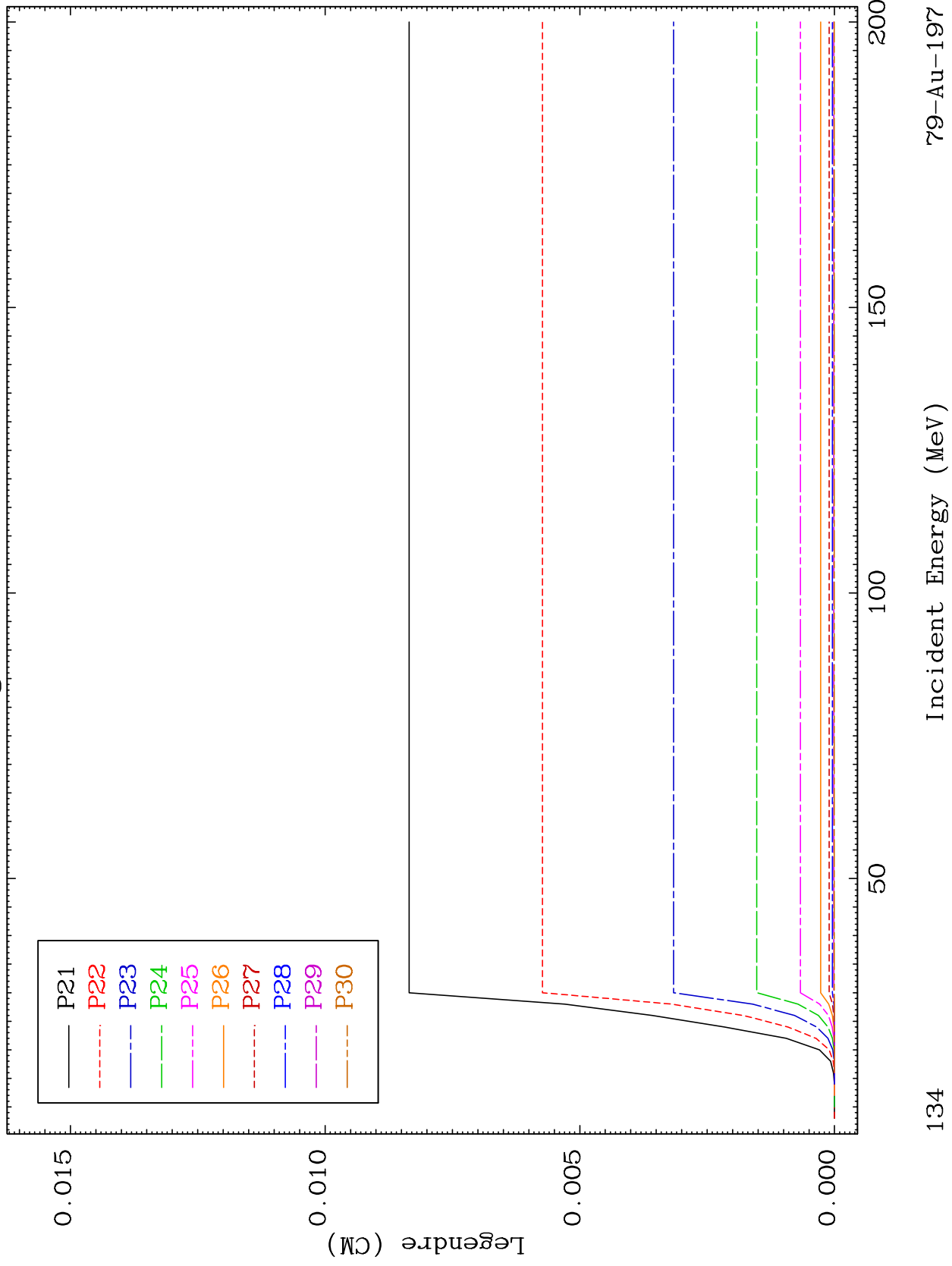
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



134

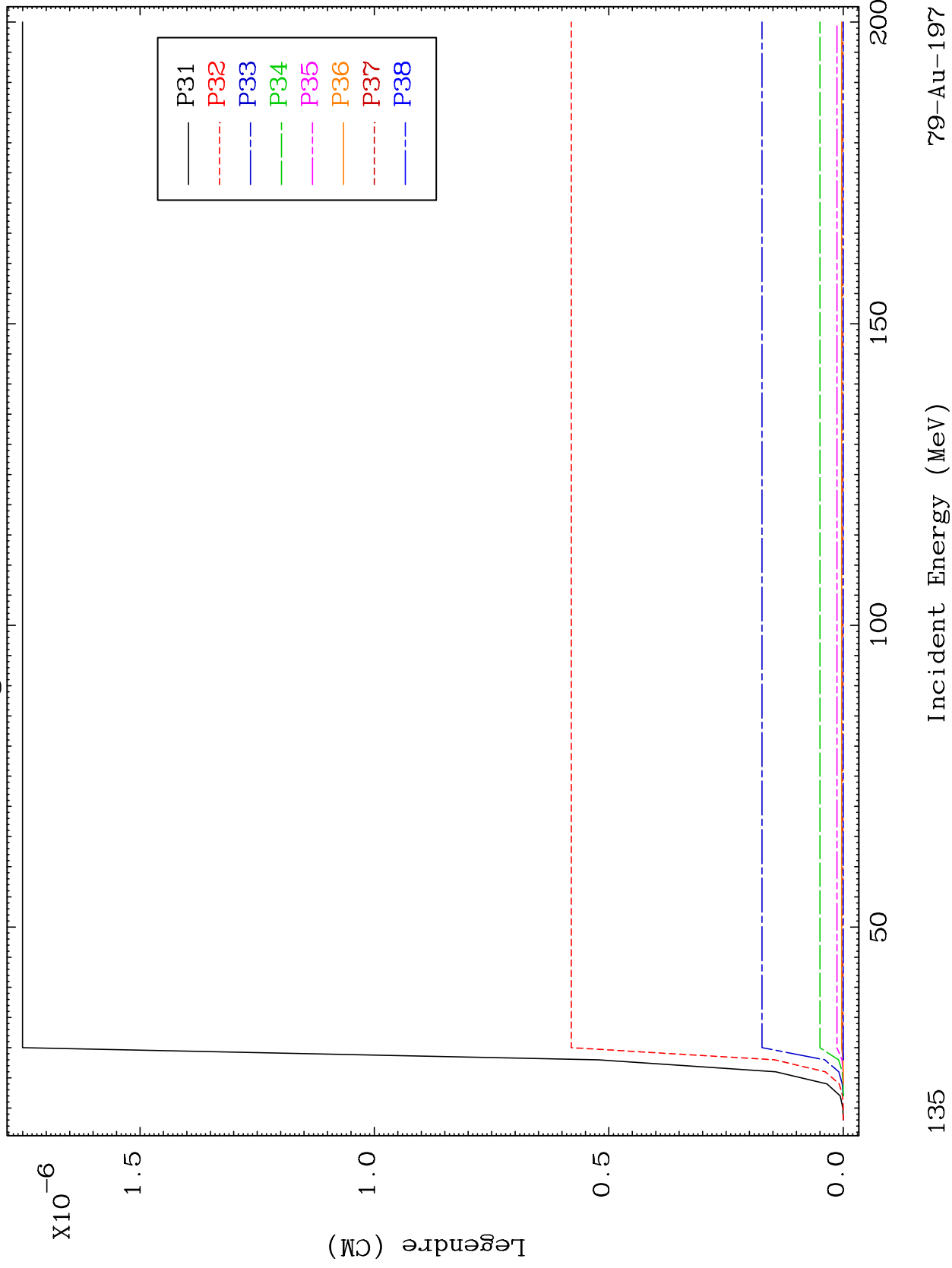
Incident Energy (MeV)

79-Au-197

MAT 7925

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

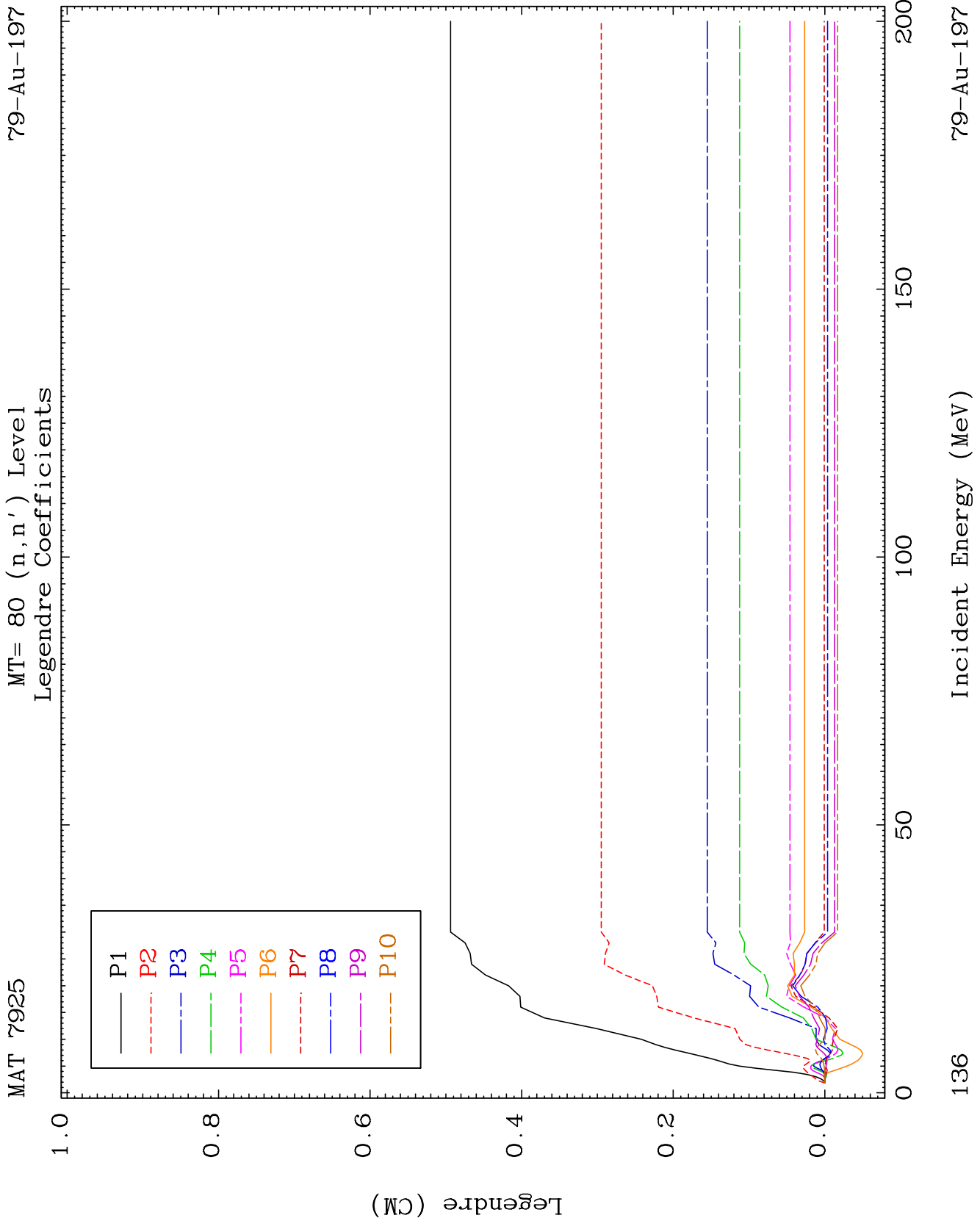
79-Au-197



135

Incident Energy (MeV)

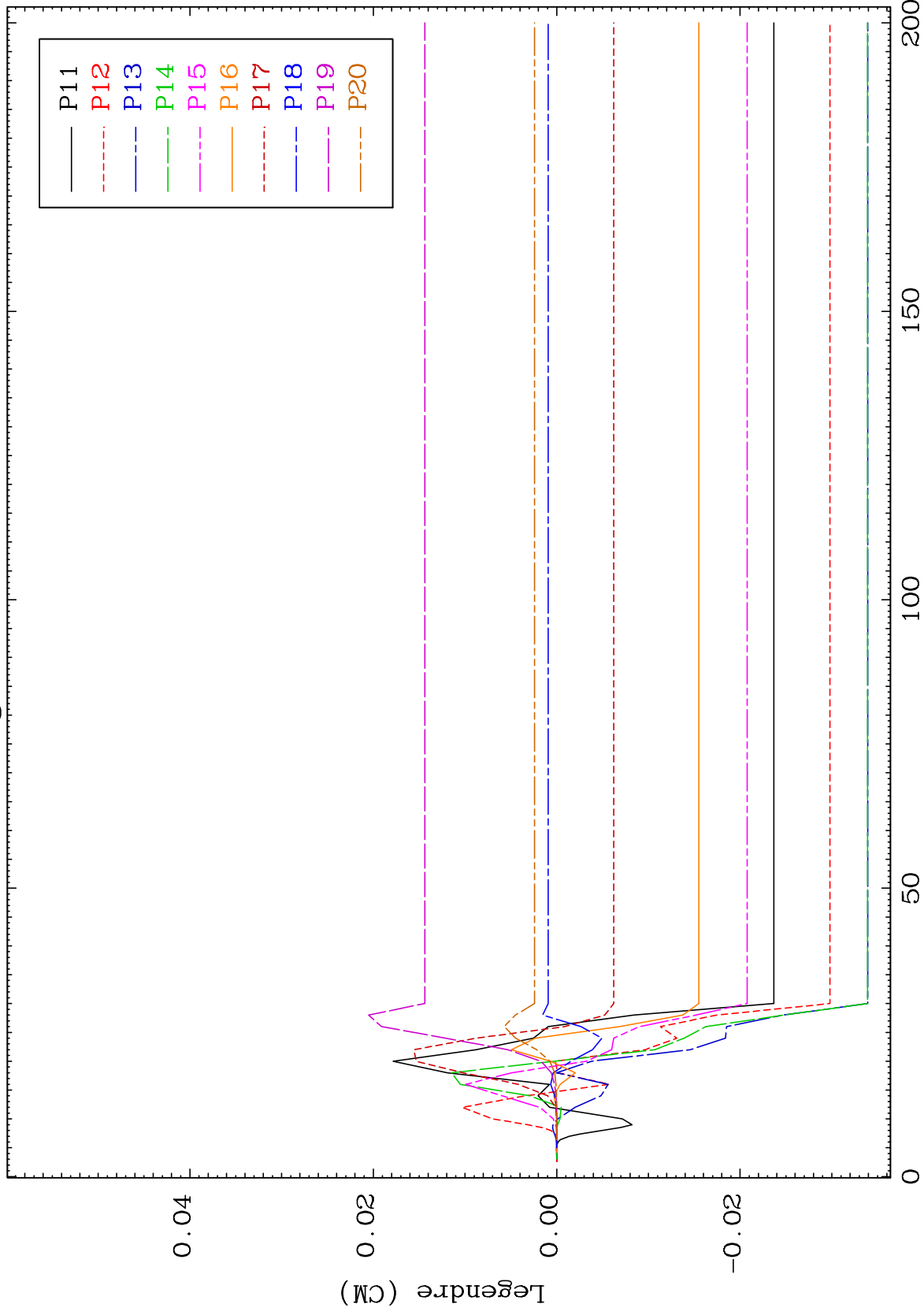
79-Au-197



MAT 7925

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

79-Au-197



137

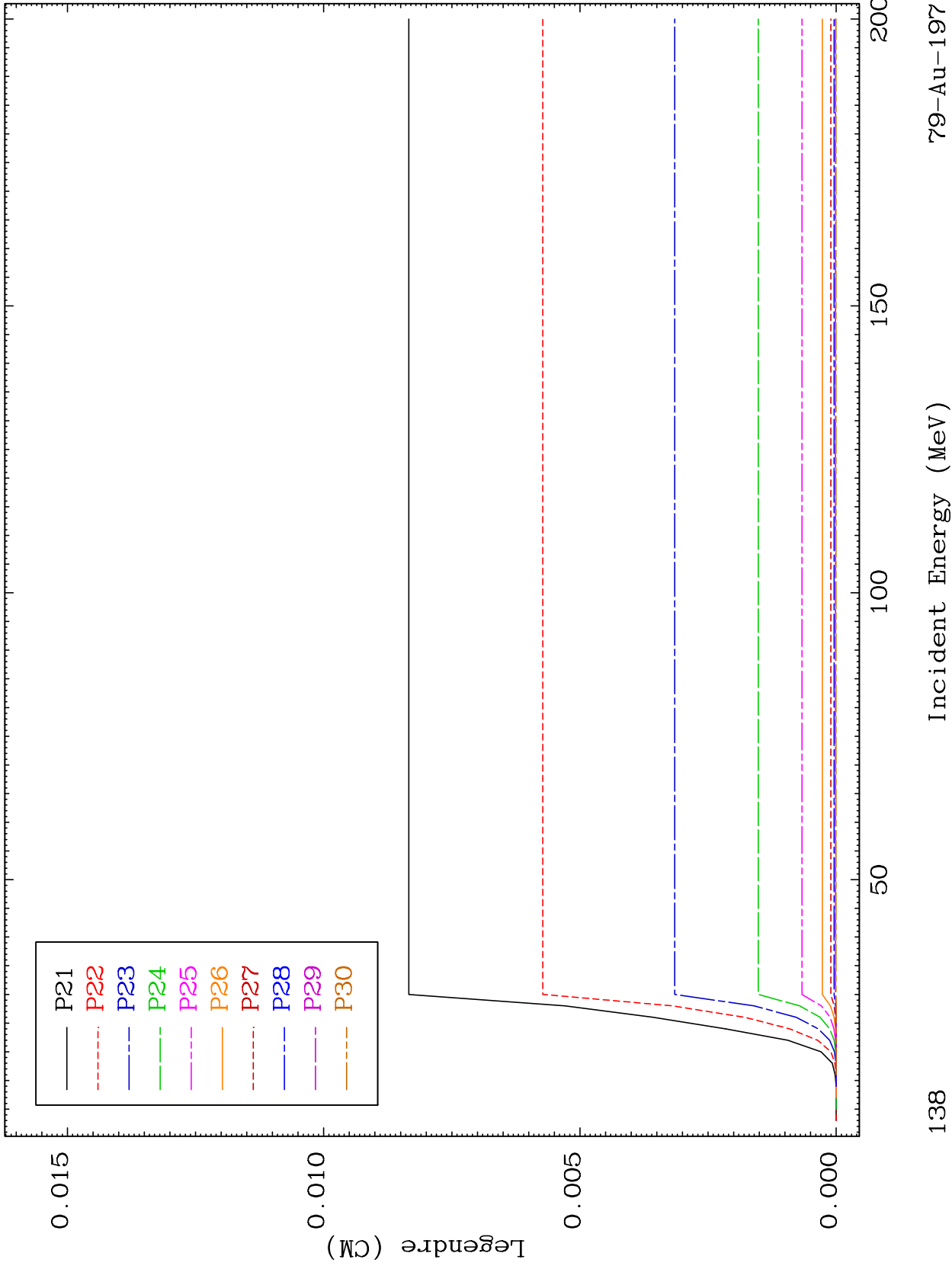
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



138

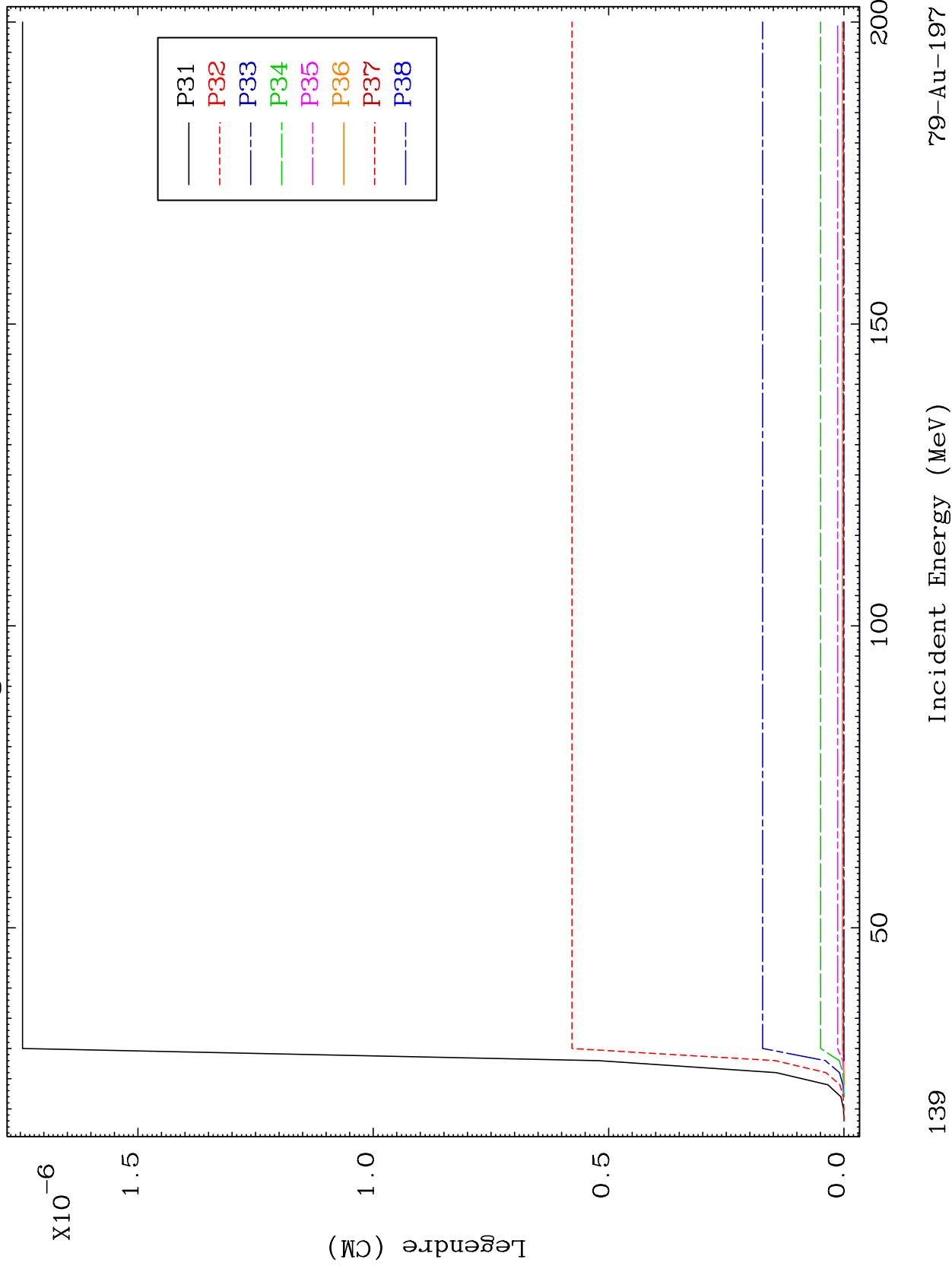
Incident Energy (MeV)

79-Au-197

MAT 7925

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

79-Au-197



139

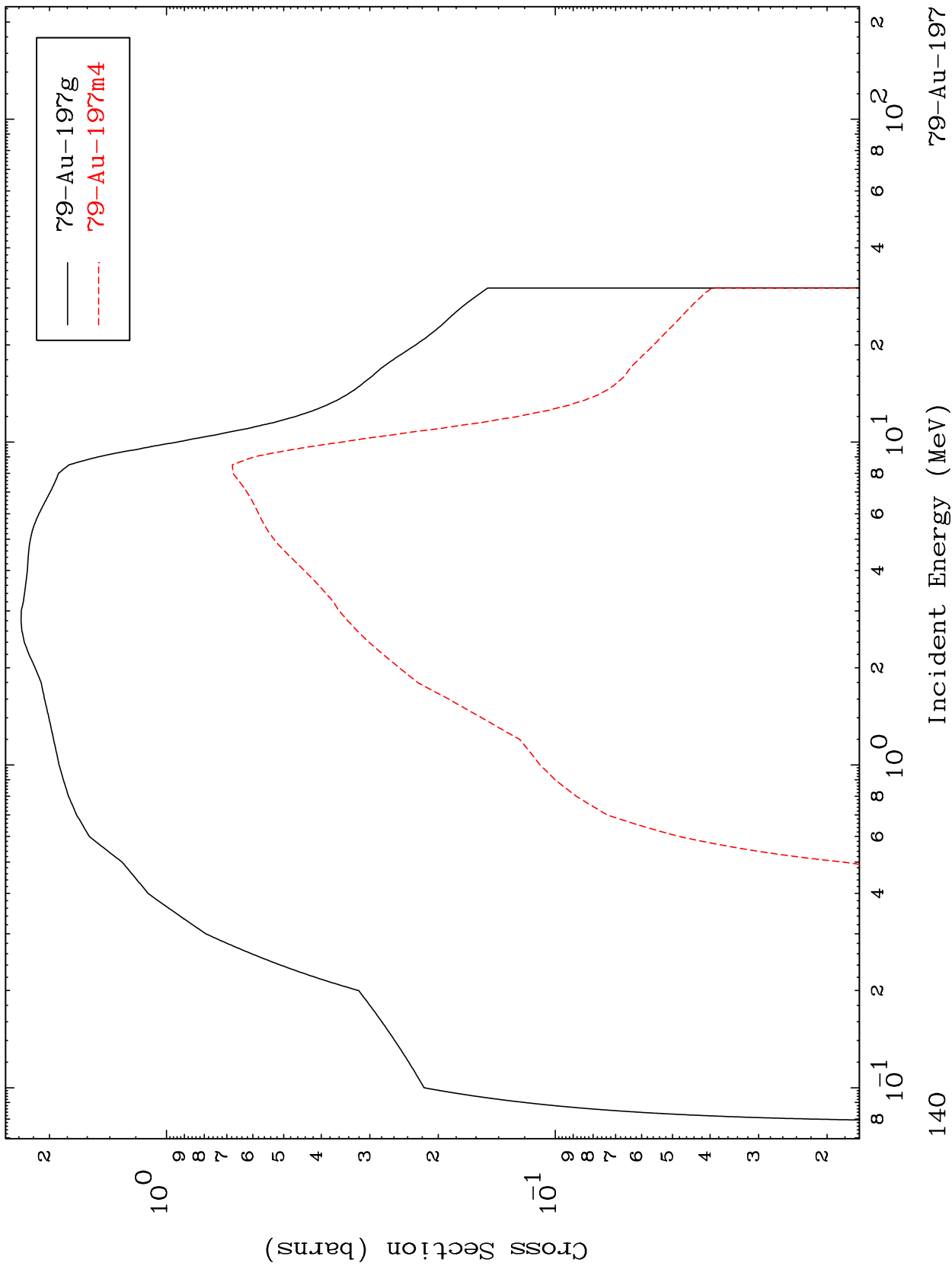
Incident Energy (MeV)

79-Au-197

MAT 7925

79-Au-197

Inelastic
Radionuclide Production Cross Section



79-Au-197

Incident Energy (MeV)

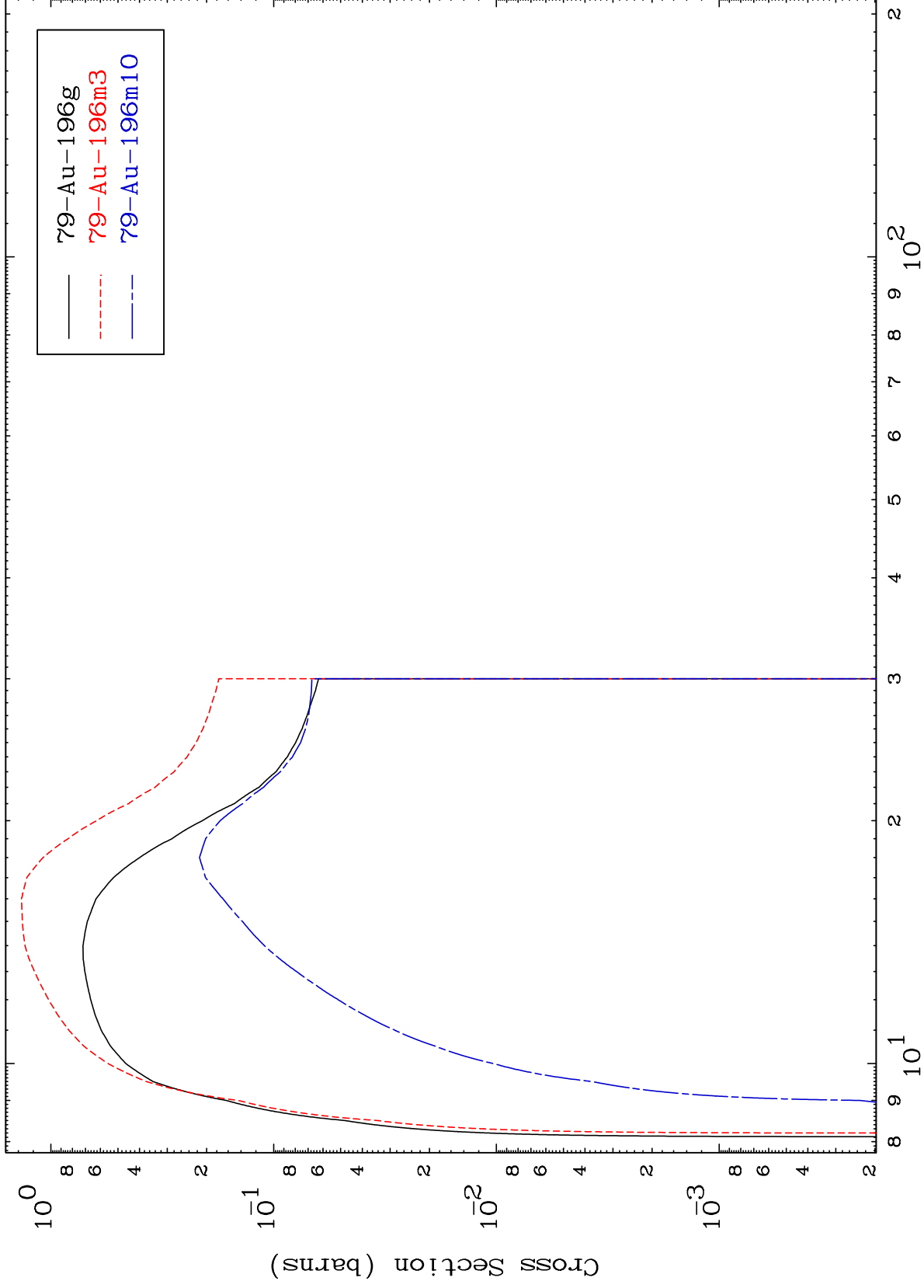
140

MAT 7925

(n,2n)

79-Au-197

Radionuclide Production Cross Section



141

Incident Energy (MeV)

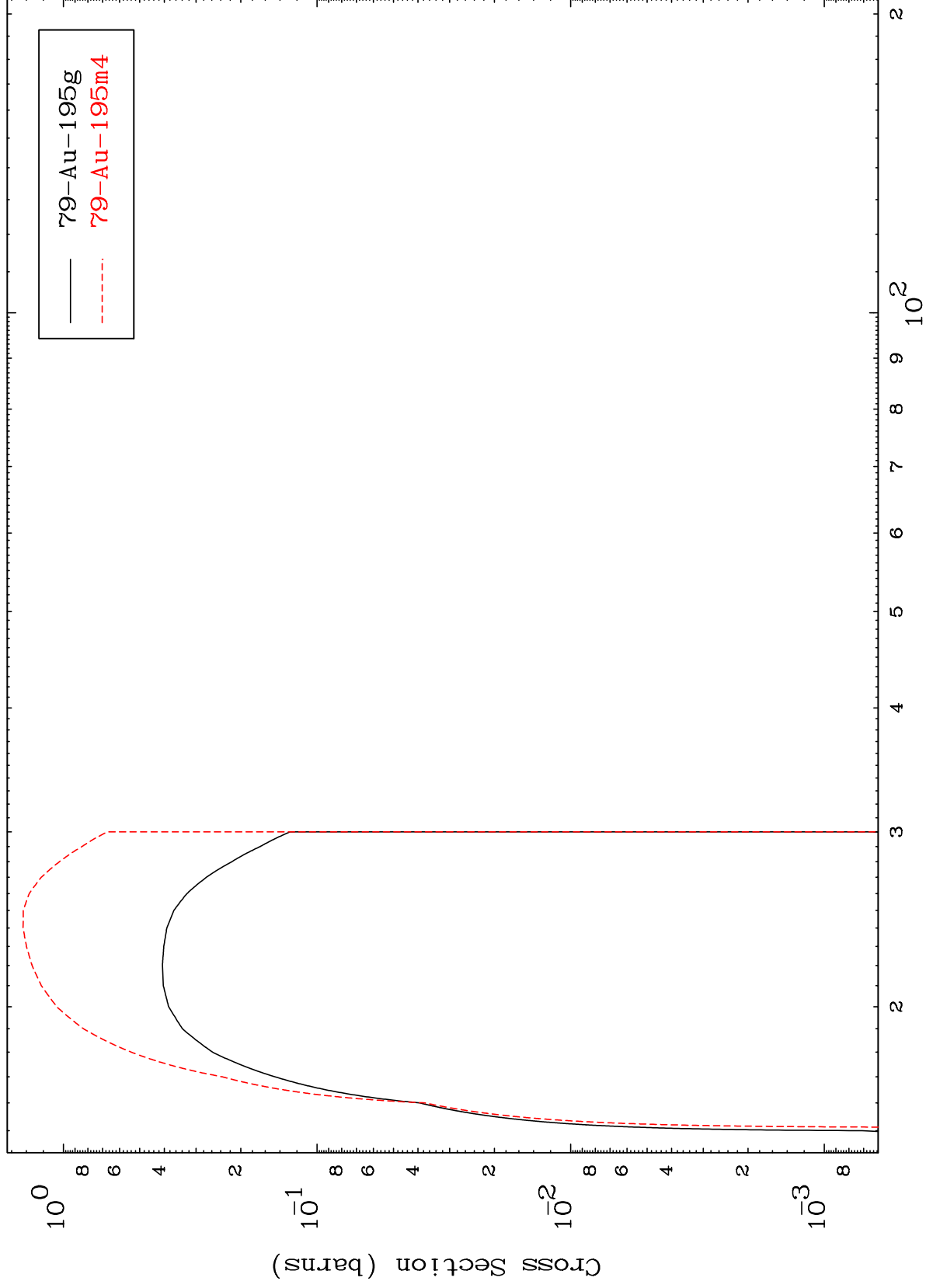
79-Au-197

MAT 7925

(n,3n)

79-Au-197

Radionuclide Production Cross Section



142

Incident Energy (MeV)

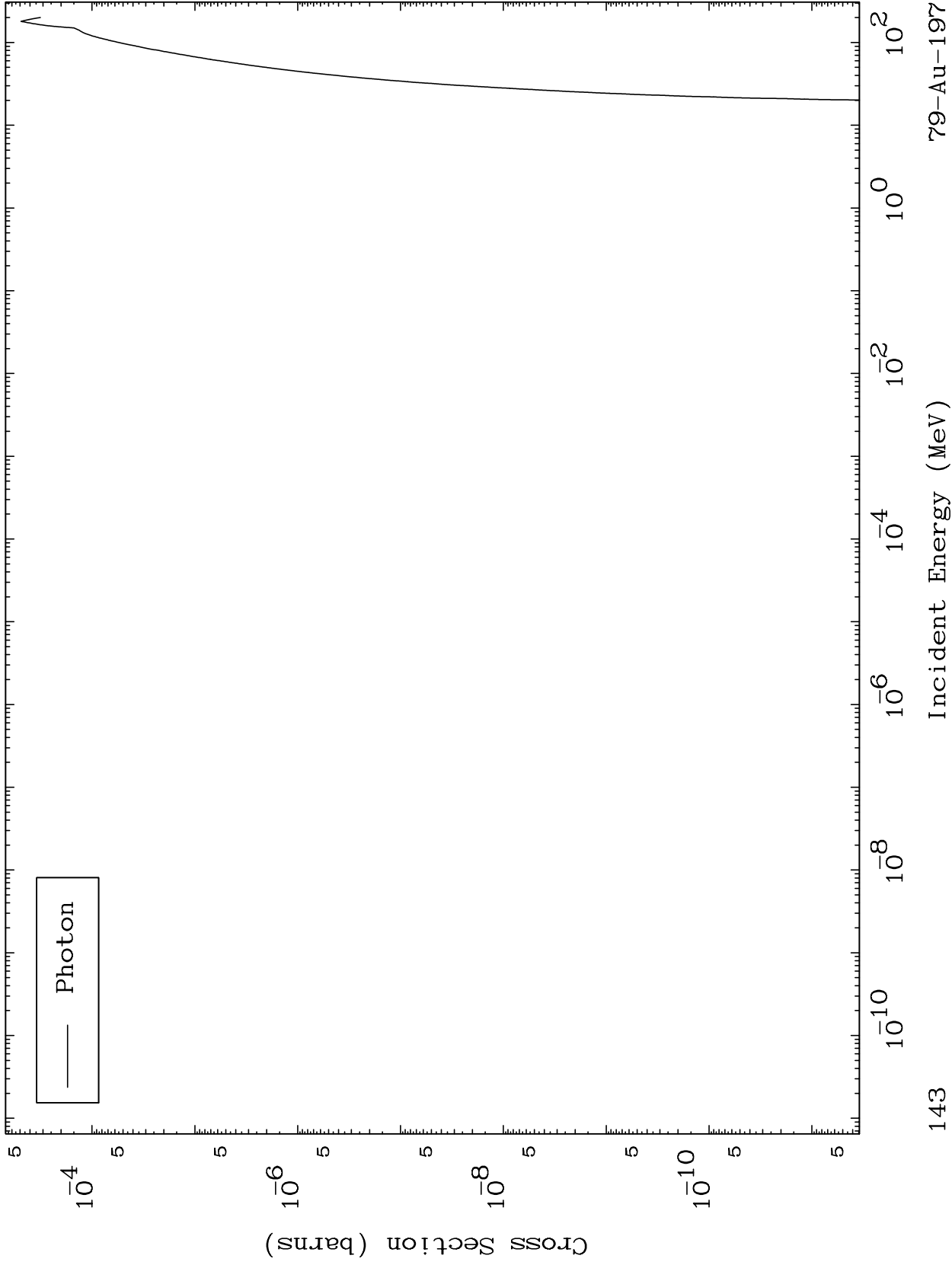
79-Au-197

MAT 7925

Fission

79-Au-197

Radionuclide Production Cross Section

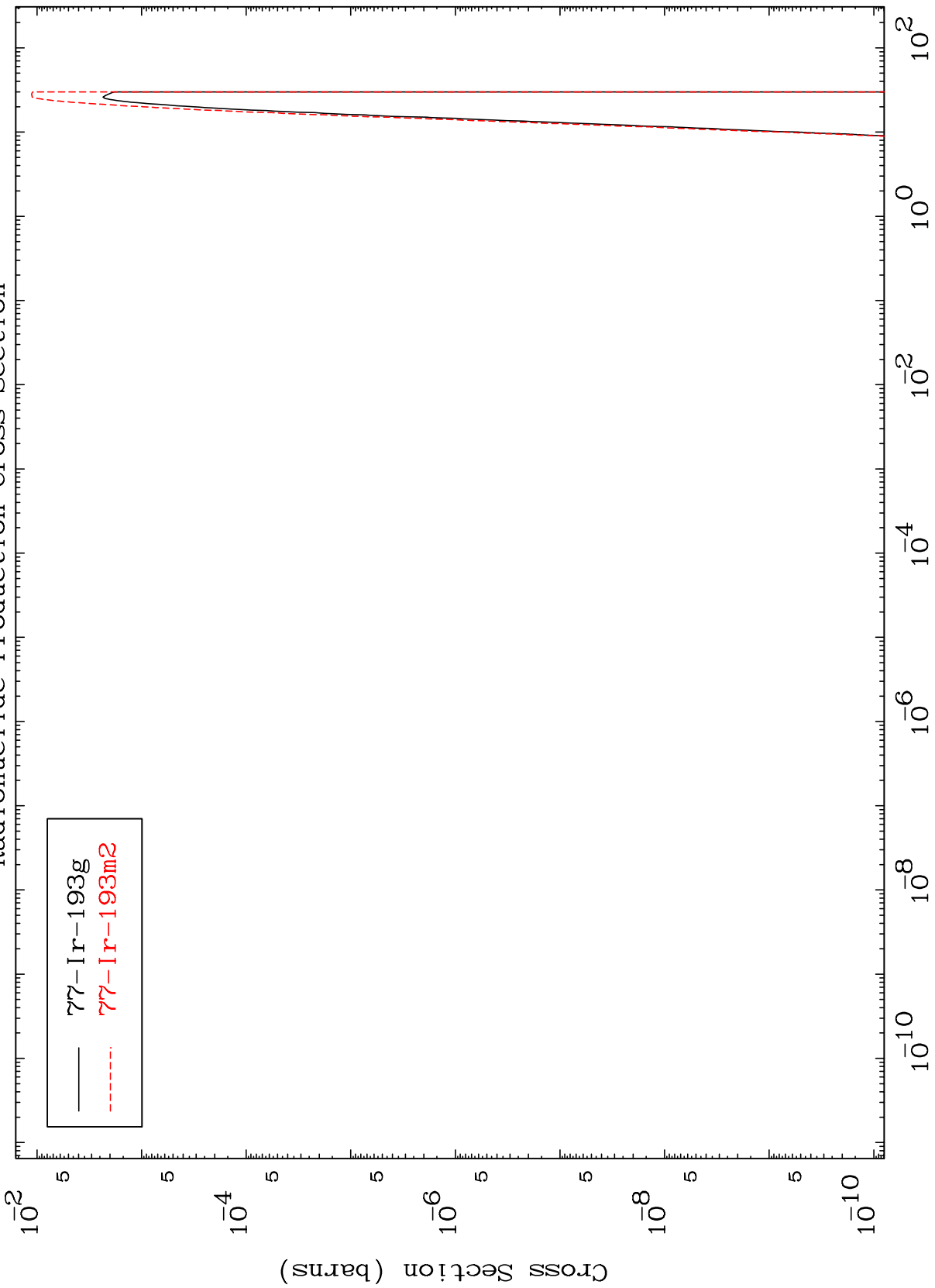


MAT 7925

$(n, n') \alpha$

79-Au-197

Radionuclide Production Cross Section



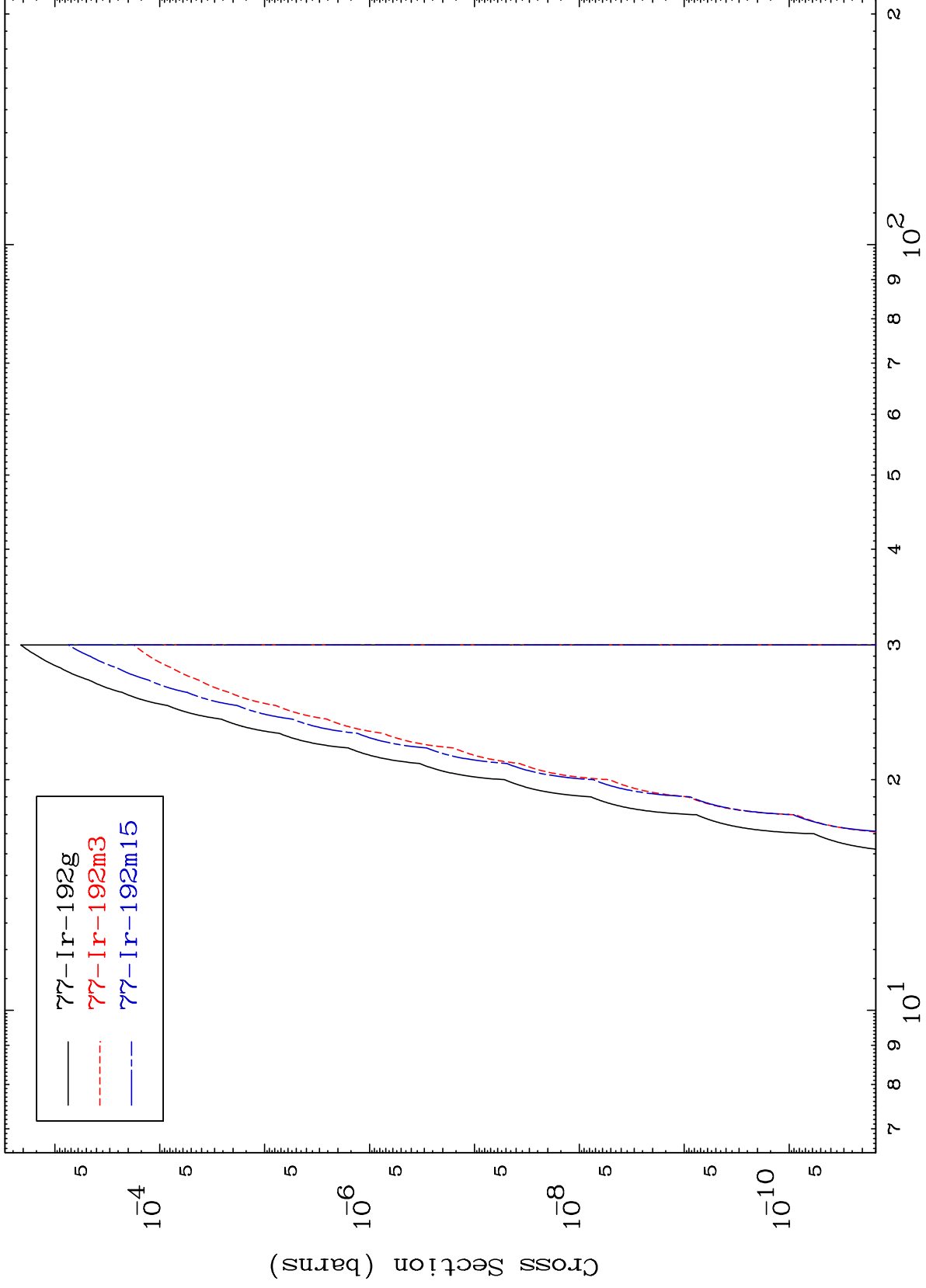
— $^{77}\text{Ir-193g}$
- - - $^{77}\text{Ir-193m2}$

MAT 7925

(n,2n) α

79-Au-197

Radionuclide Production Cross Section

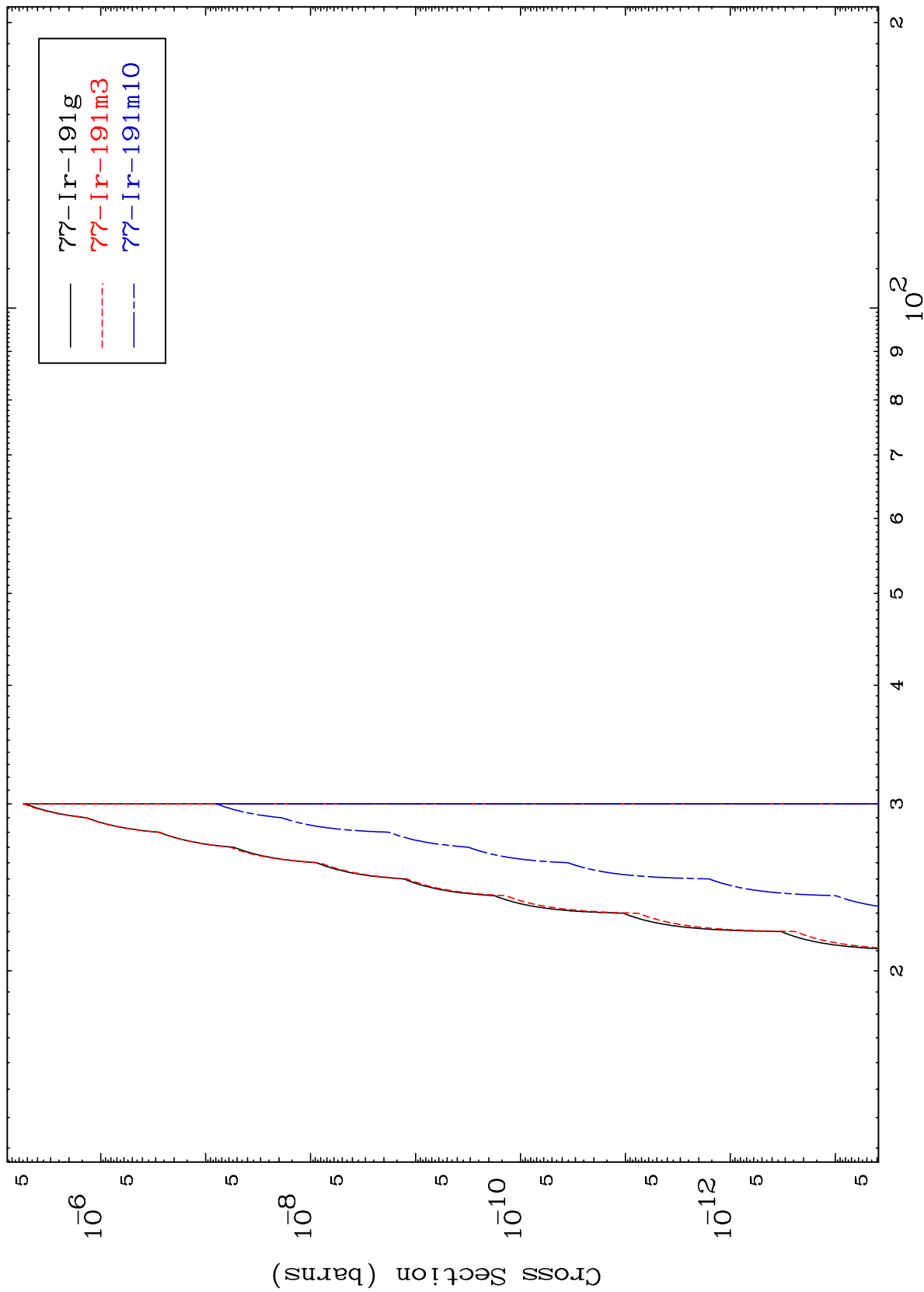


145

Incident Energy (MeV)

79-Au-197

Radionuclide Production Cross Section

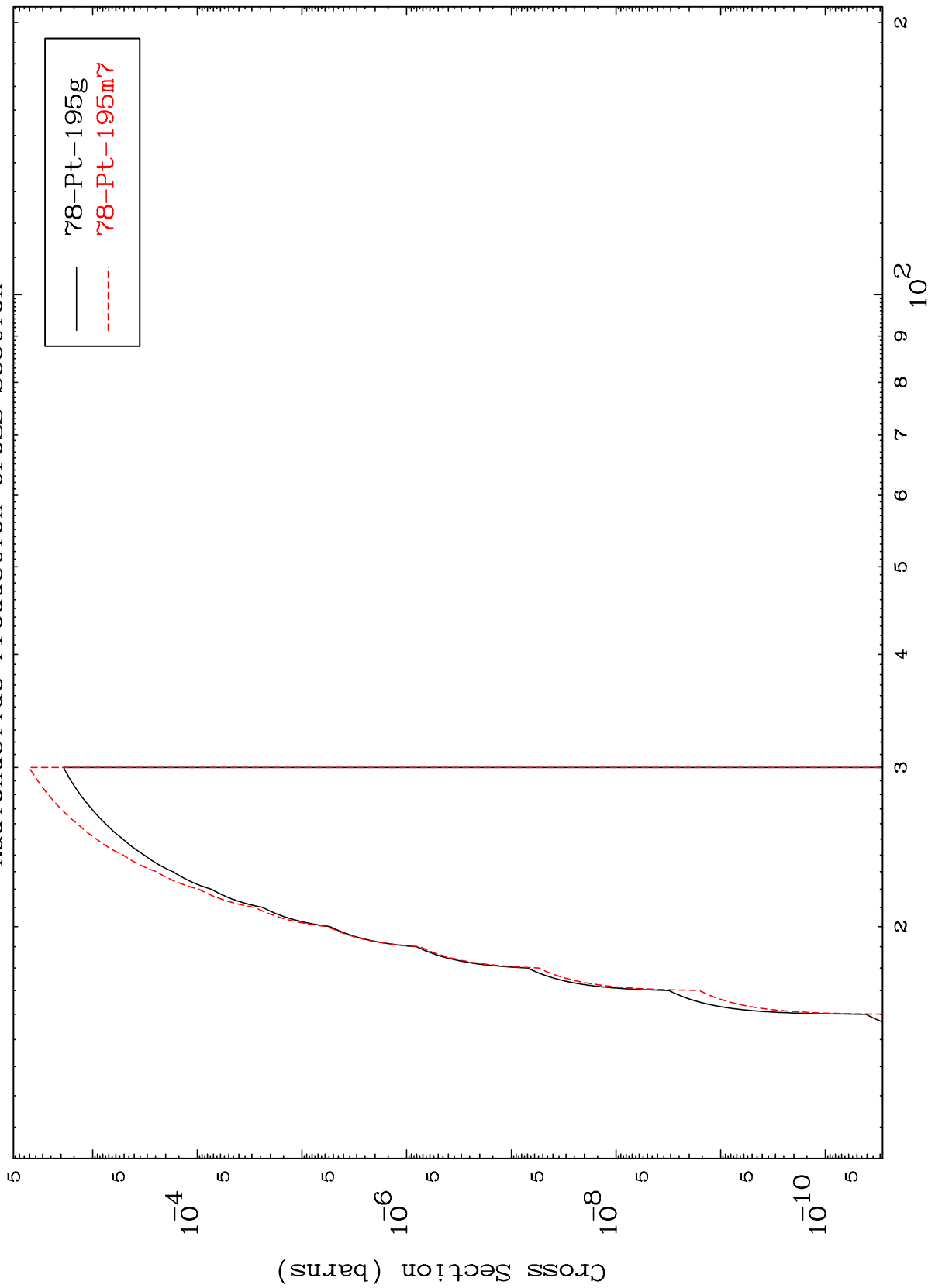


MAT 7925

(n,n') d

79-Au-197

Radionuclide Production Cross Section

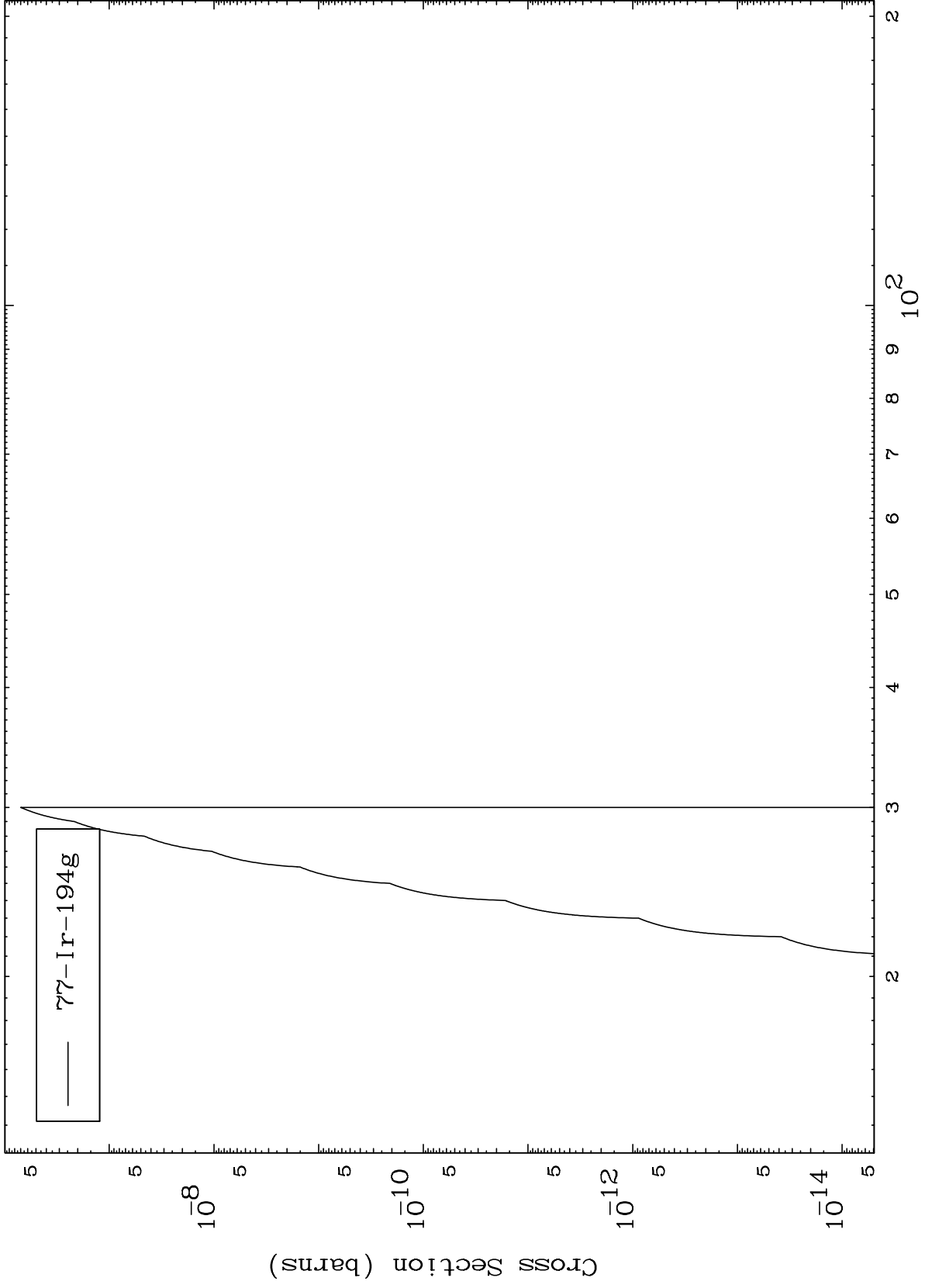


147

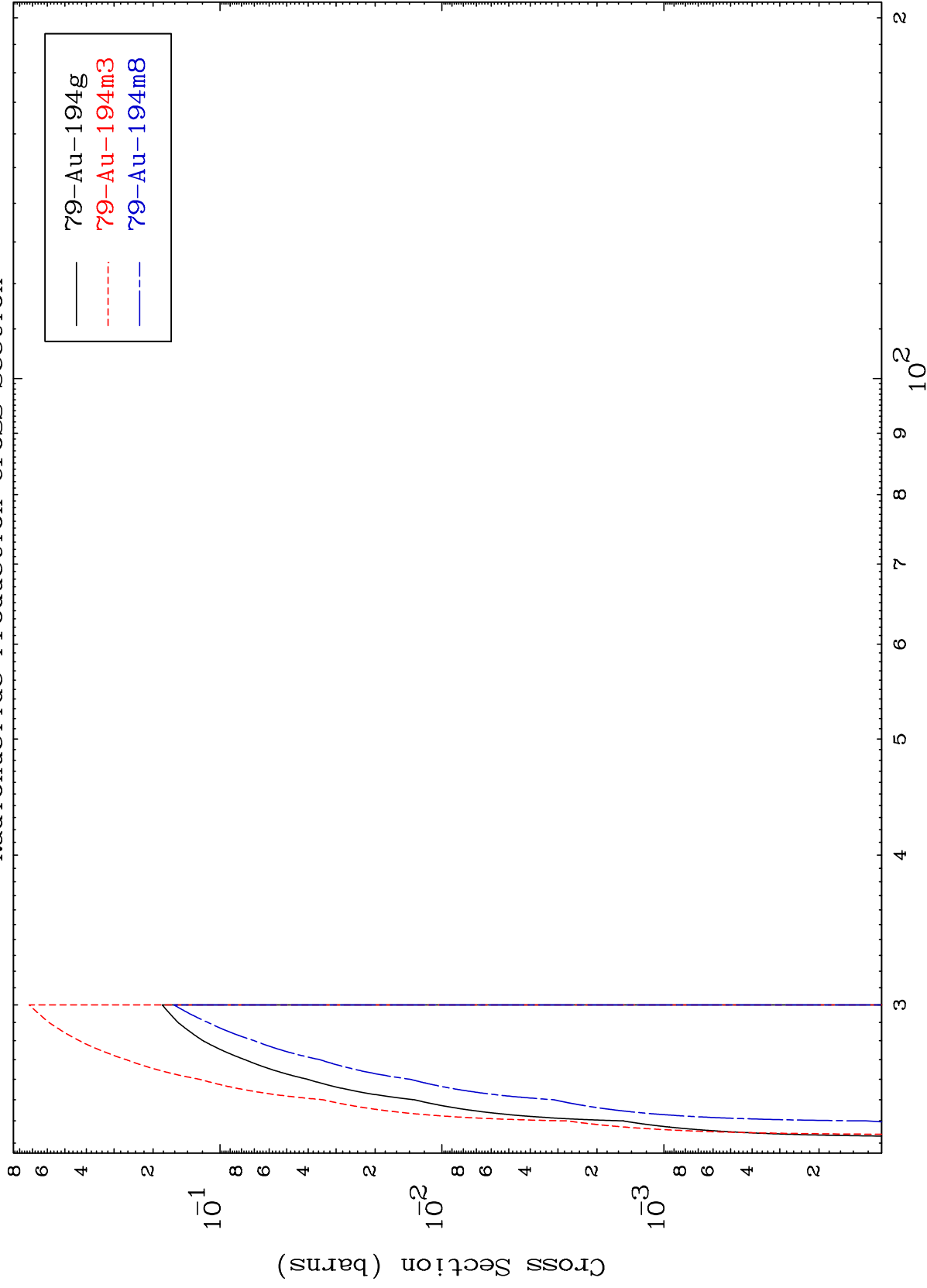
Incident Energy (MeV)

79-Au-197

Radionuclide Production Cross Section



Radionuclide Production Cross Section

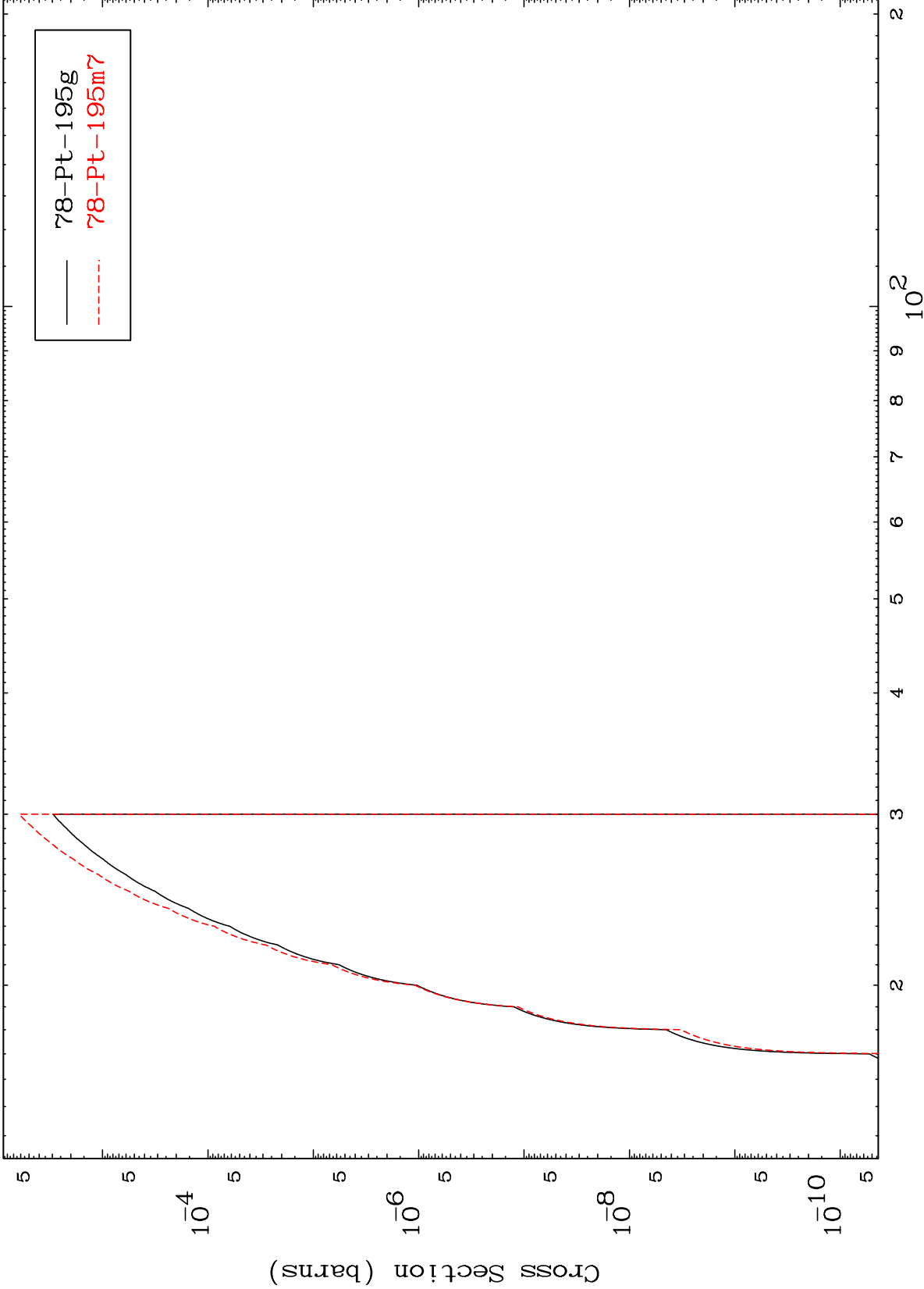


MAT 7925

(n,2n) p

79-Au-197

Radionuclide Production Cross Section



150

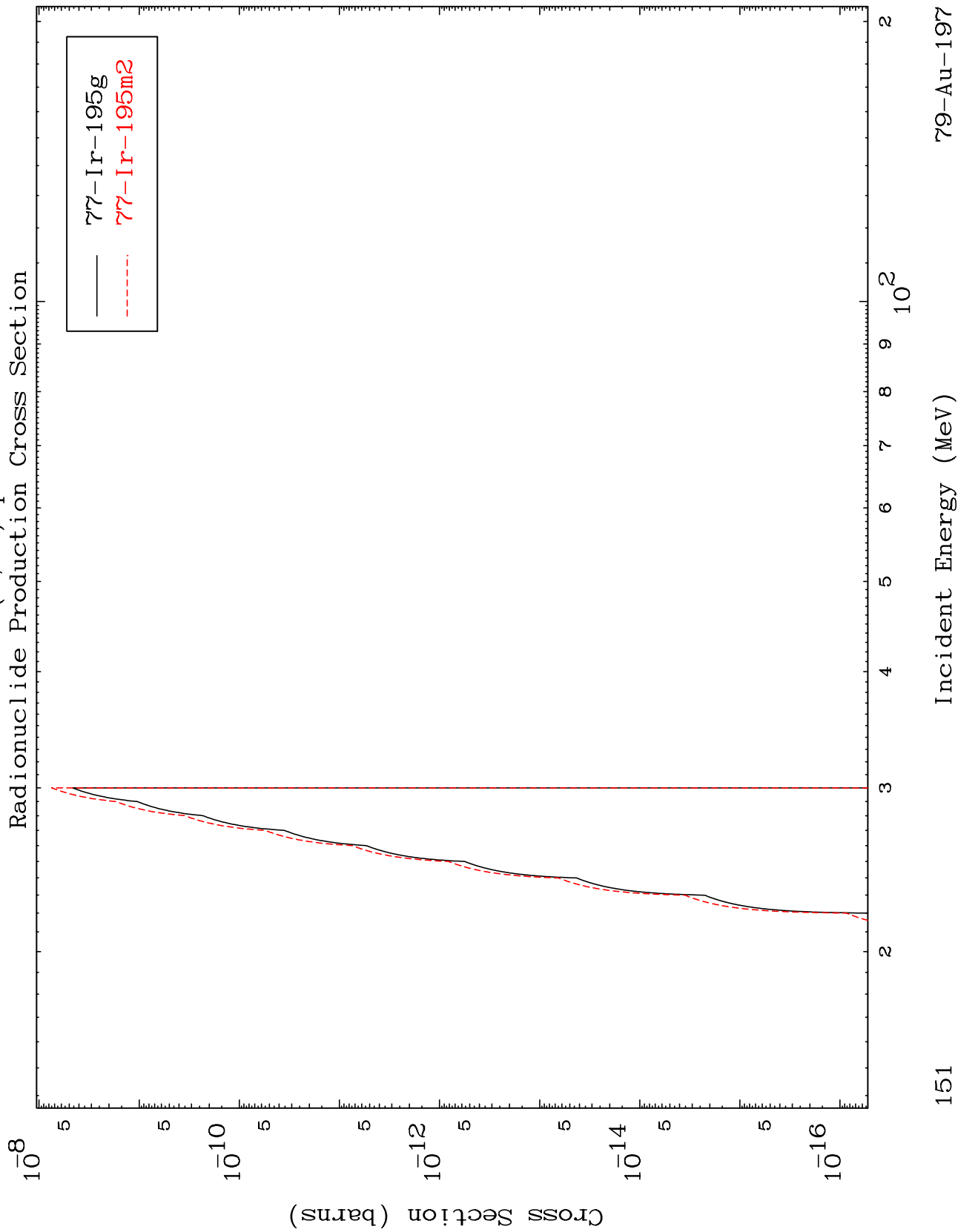
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,2n) p

79-Au-197



151

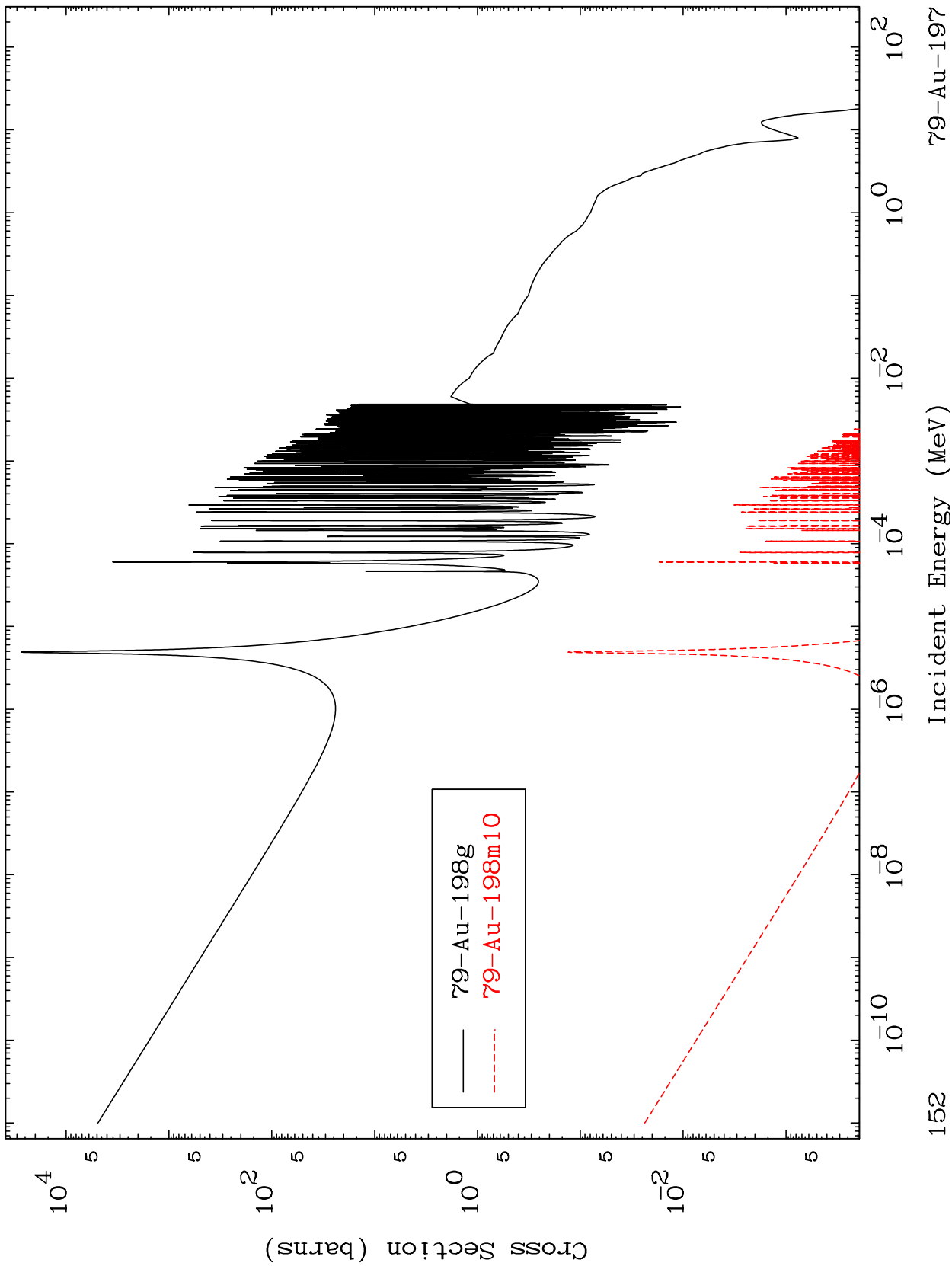
Incident Energy (MeV)

79-Au-197

MAT 7925

79-Au-197

(n,γ)
Radionuclide Production Cross Section

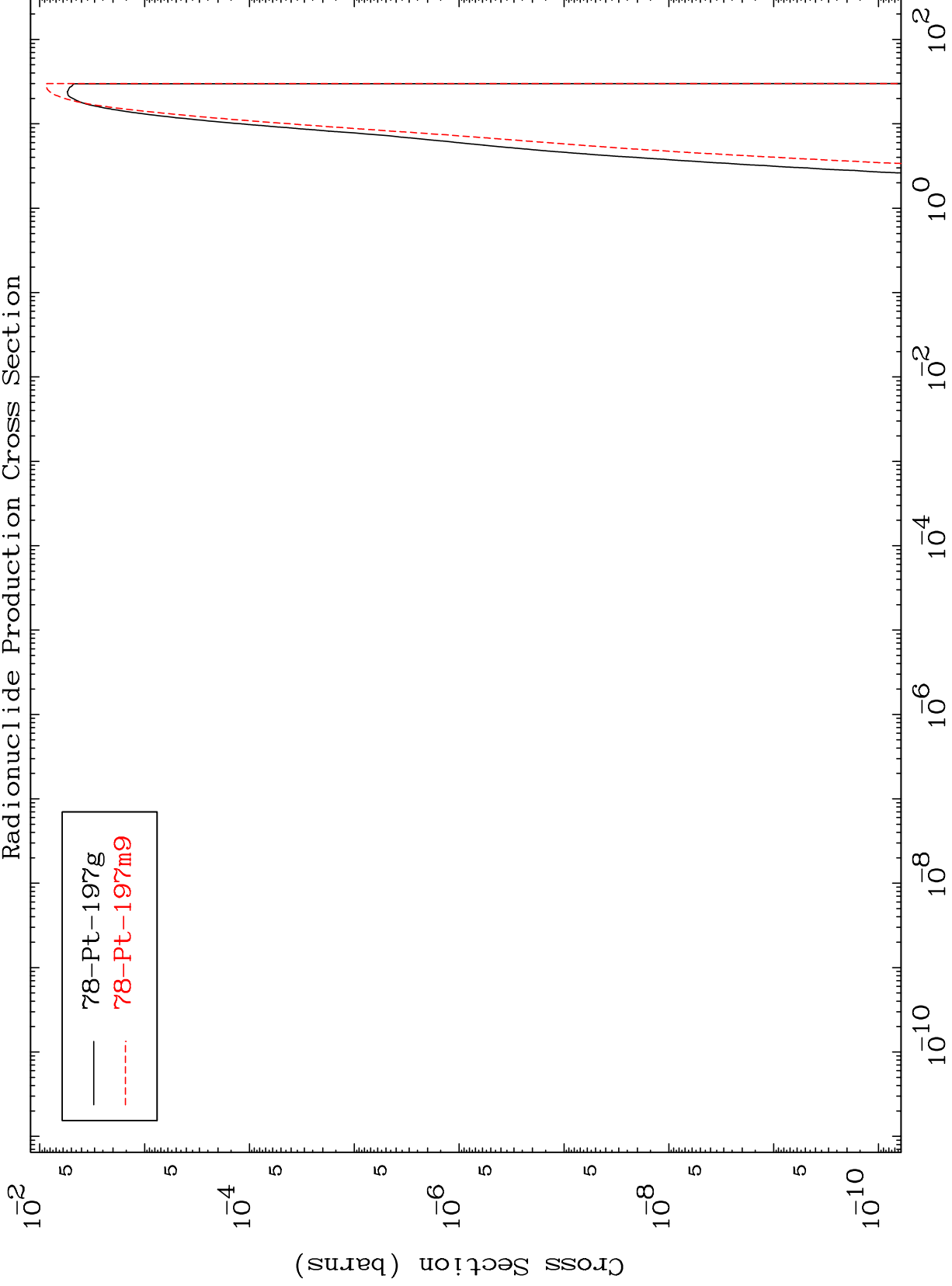


MAT 7925

(n,p)

79-Au-197

Radionuclide Production Cross Section



153

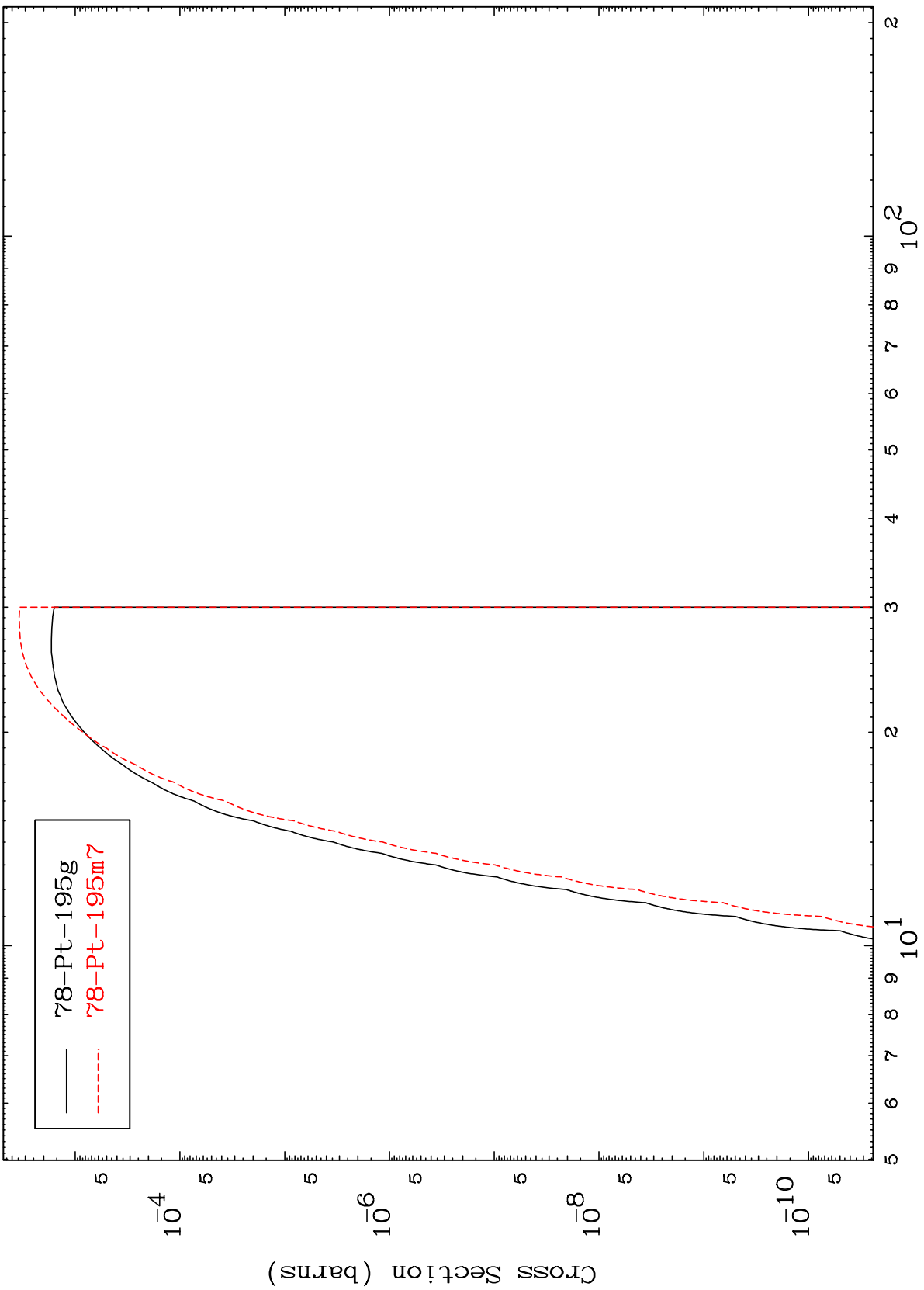
Incident Energy (MeV)

79-Au-197

MAT 7925

79-Au-197

Radionuclide Production Cross Section (n,t)



154

Incident Energy (MeV)

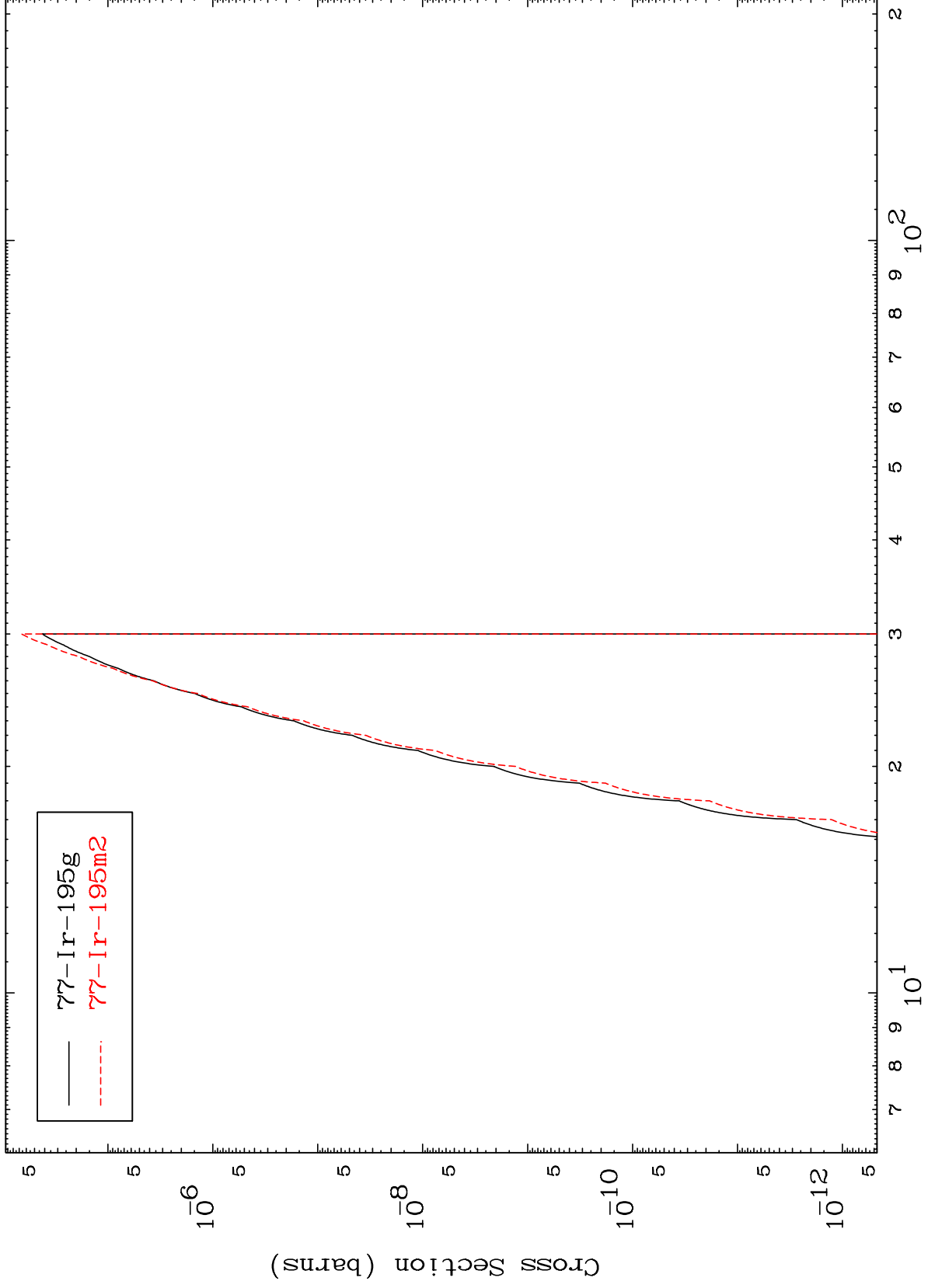
79-Au-197

MAT 7925

(n,He-3)

79-Au-197

Radionuclide Production Cross Section



155

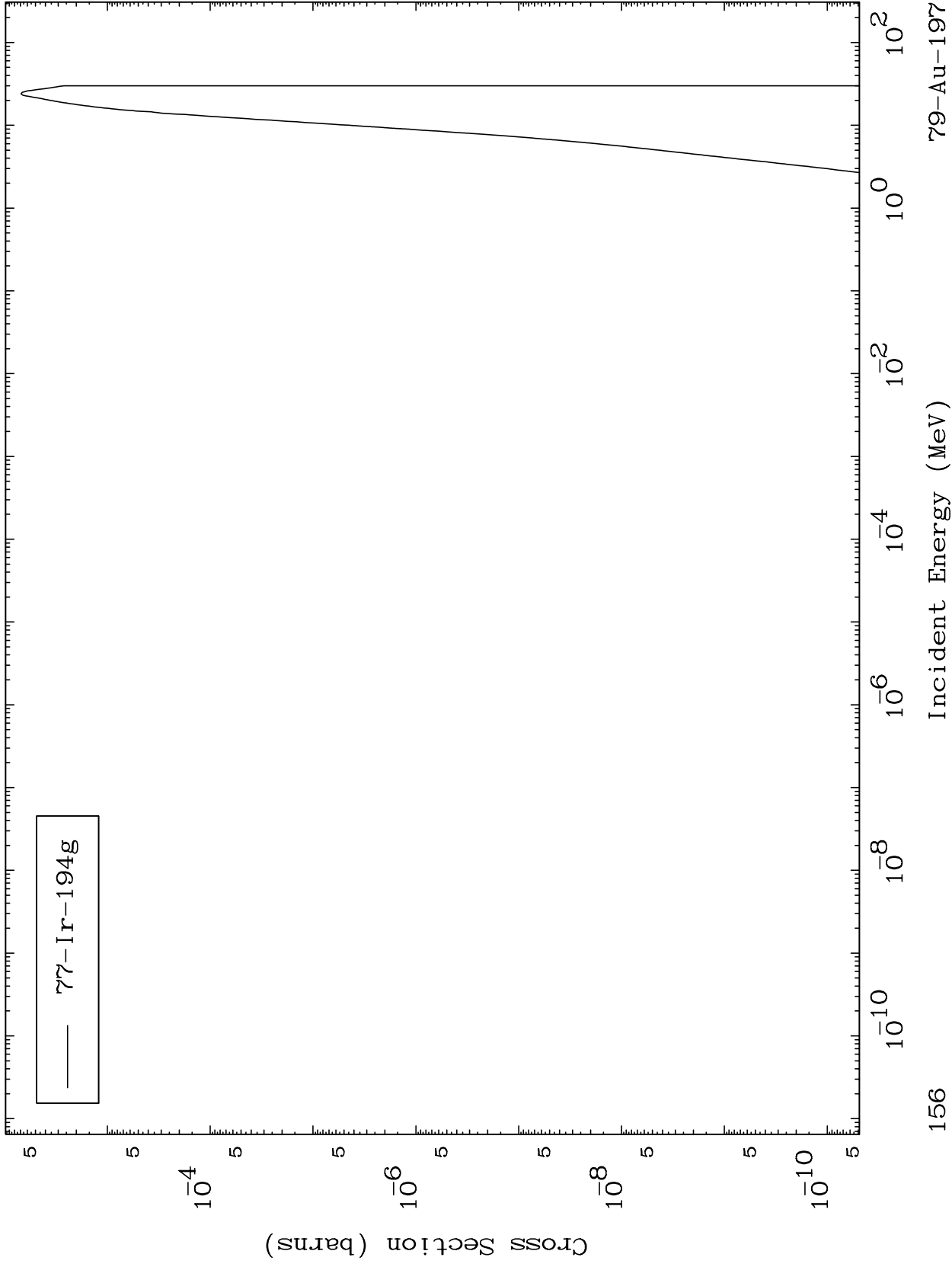
Incident Energy (MeV)

79-Au-197

MAT 7925

79-Au-197

(n, α)
Radionuclide Production Cross Section



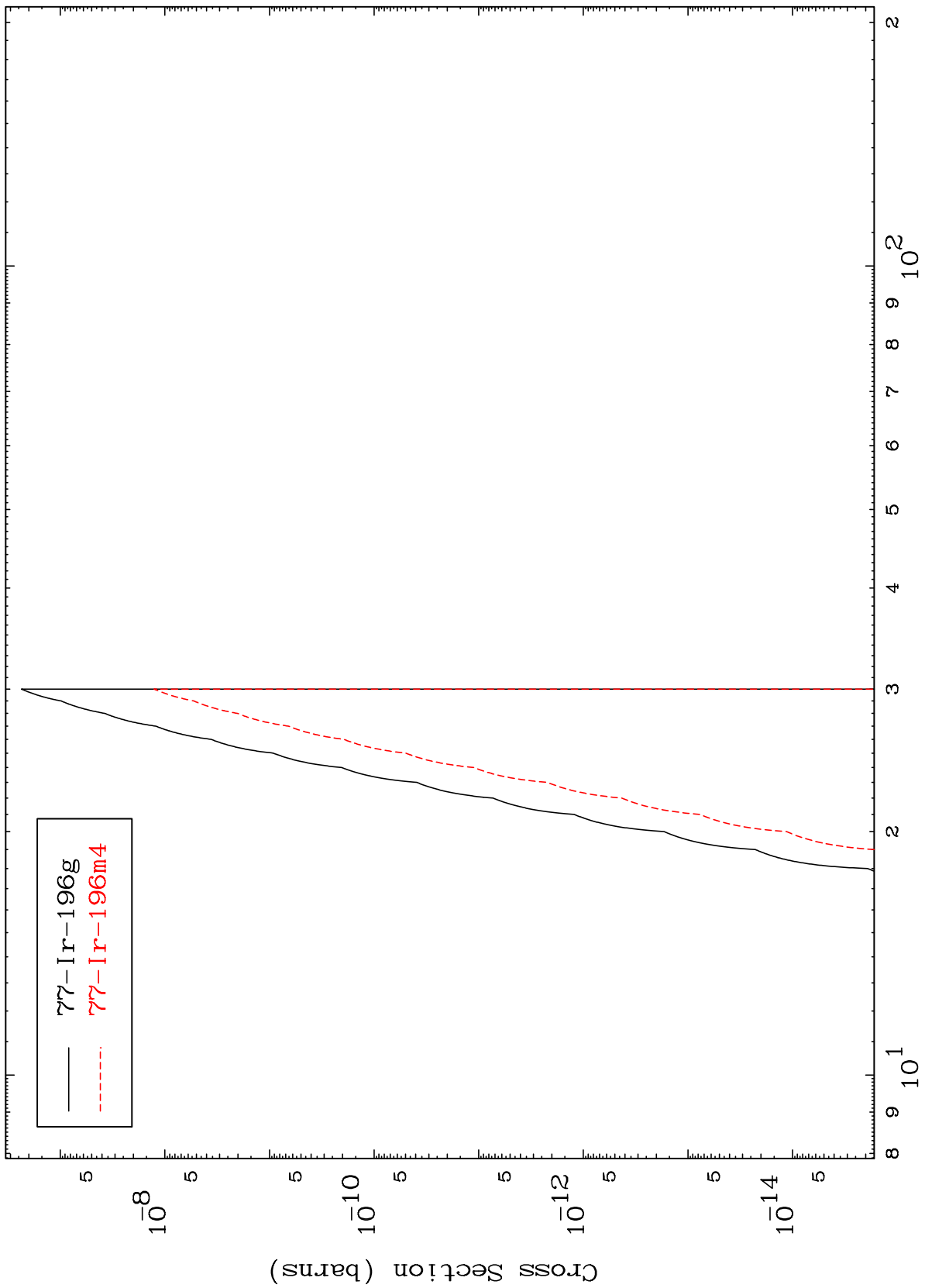
156

79-Au-197

MAT 7925

79-Au-197

(n,2p)
Radionuclide Production Cross Section



157

Incident Energy (MeV)

79-Au-197