

Program EVALPLOT
(Version 2015-2)

by

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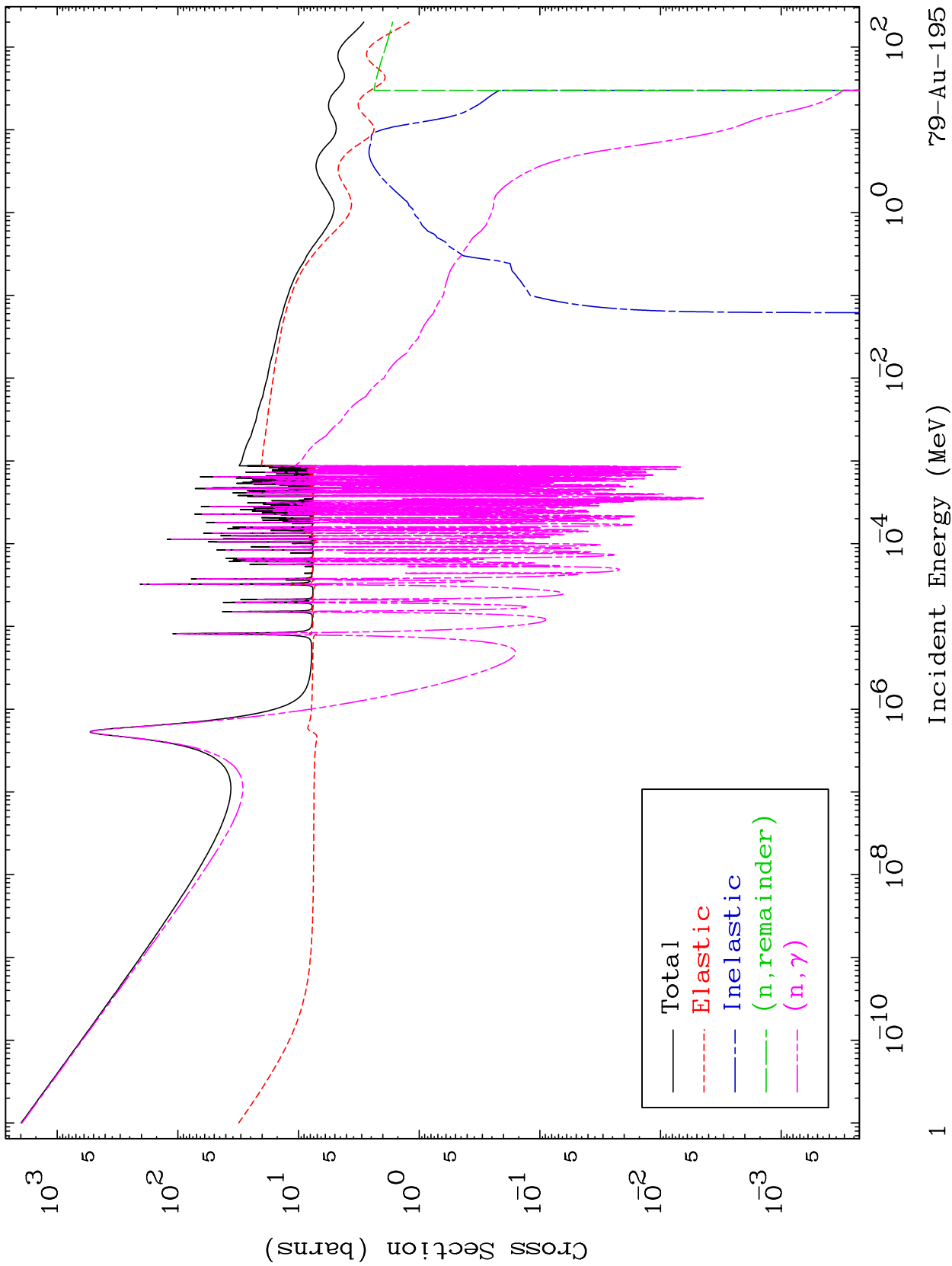
Press Mouse Button to Start

MAT 7919

Major

293 Kelvin Cross Sections

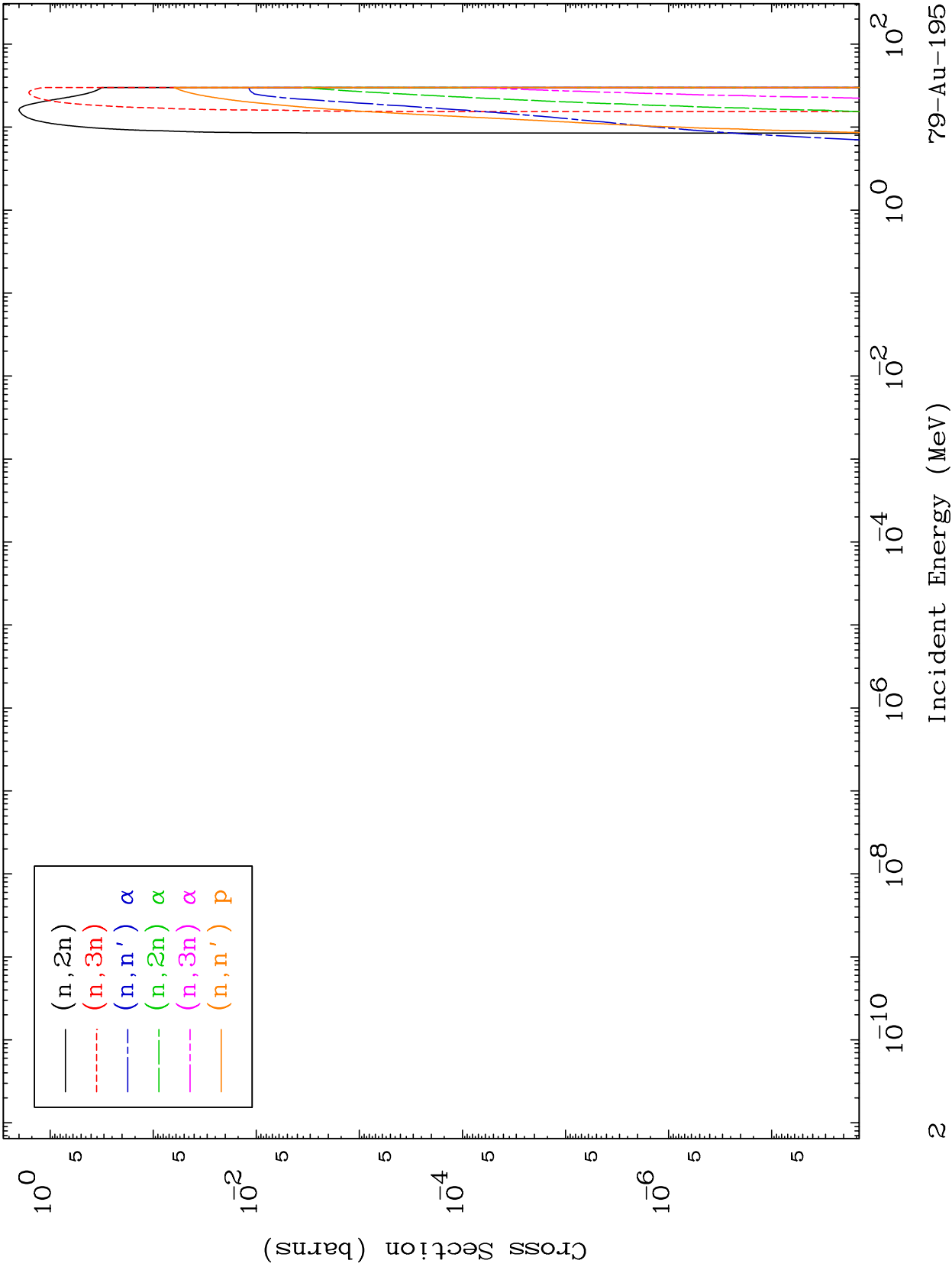
79-Au-195

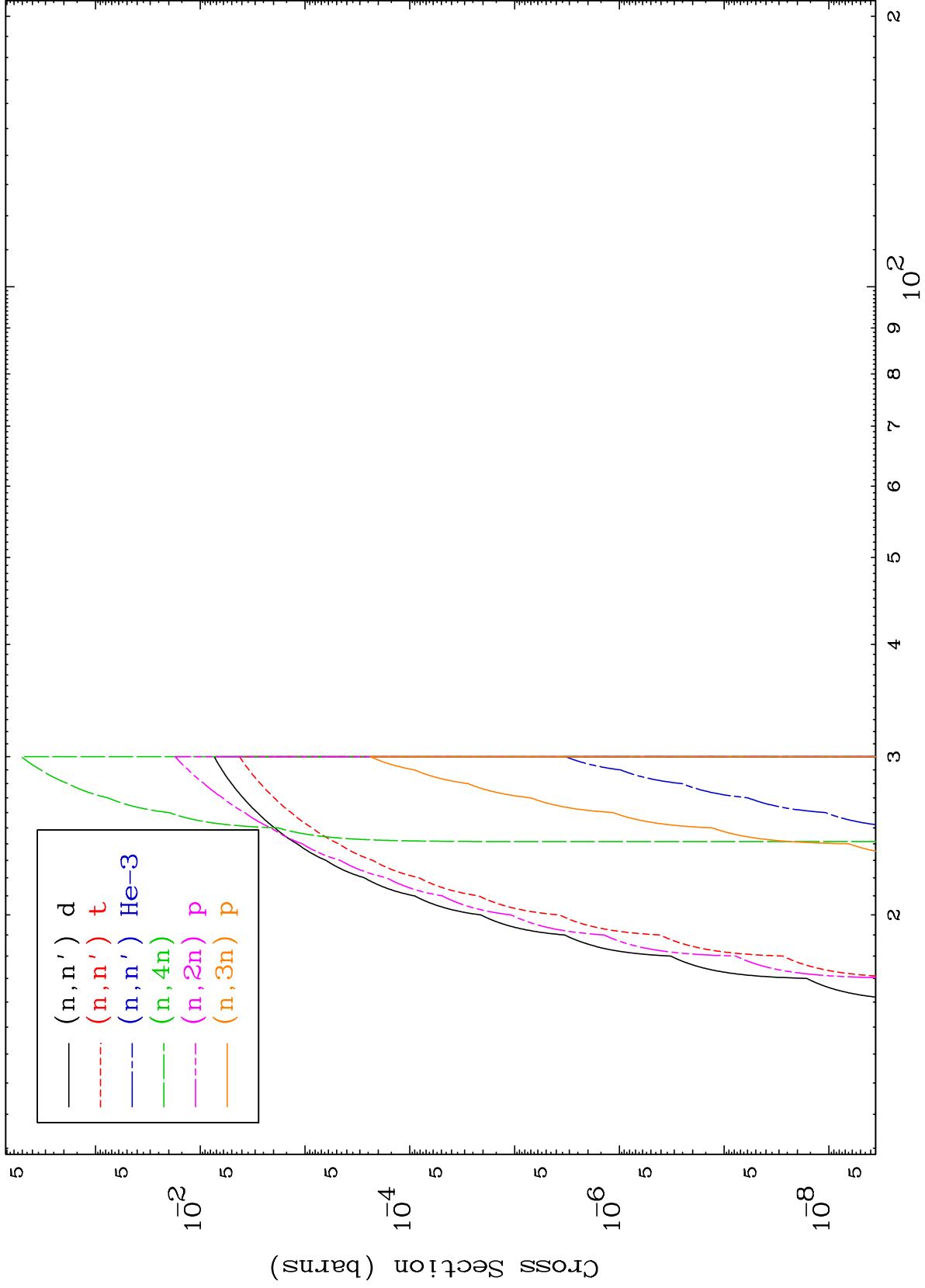


MAT 7919

Neutron Production
293 Kelvin Cross Sections

79-Au-195

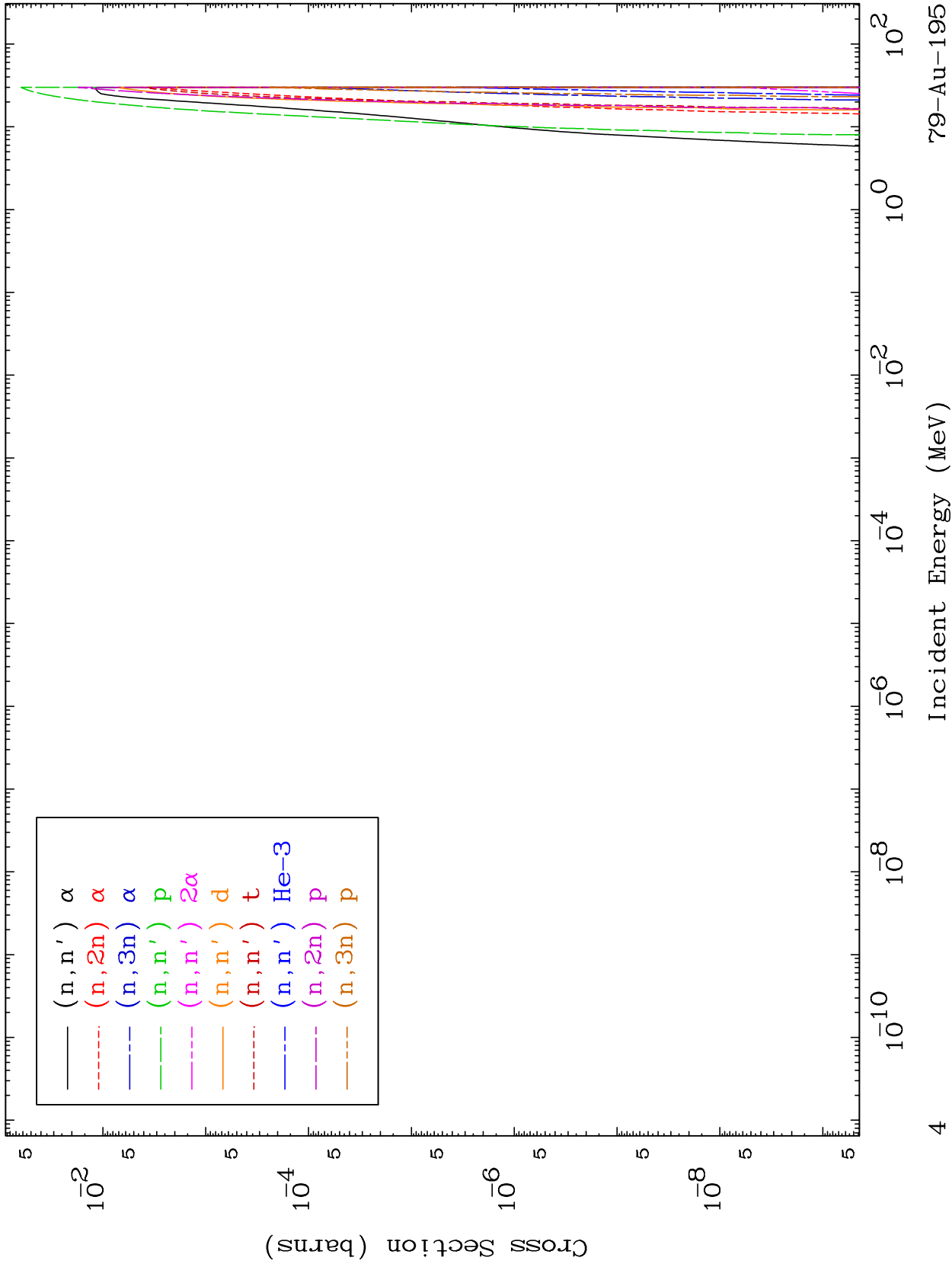




MAT 7919

Charged Particle
293 Kelvin Cross Sections

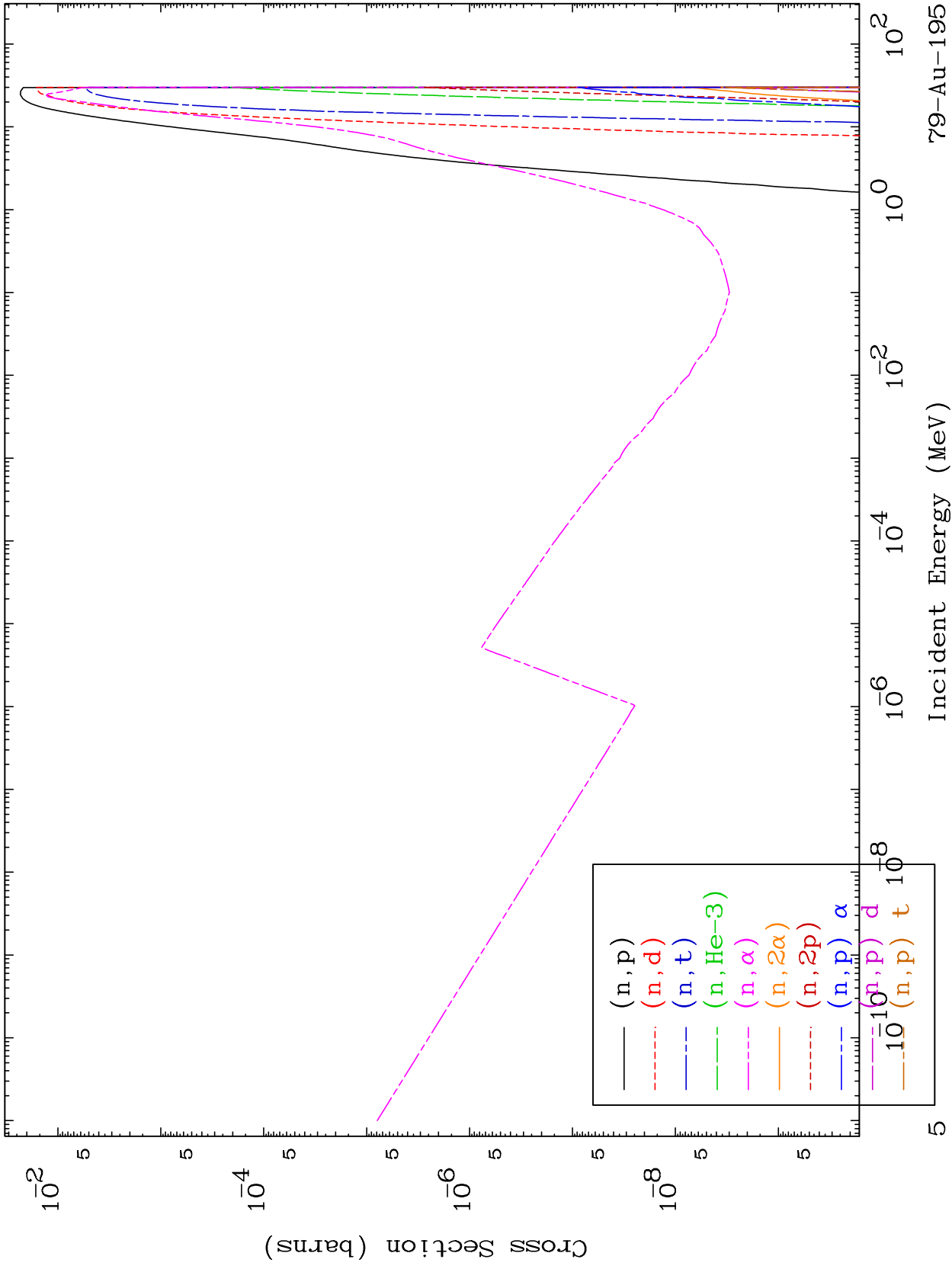
79-Au-195

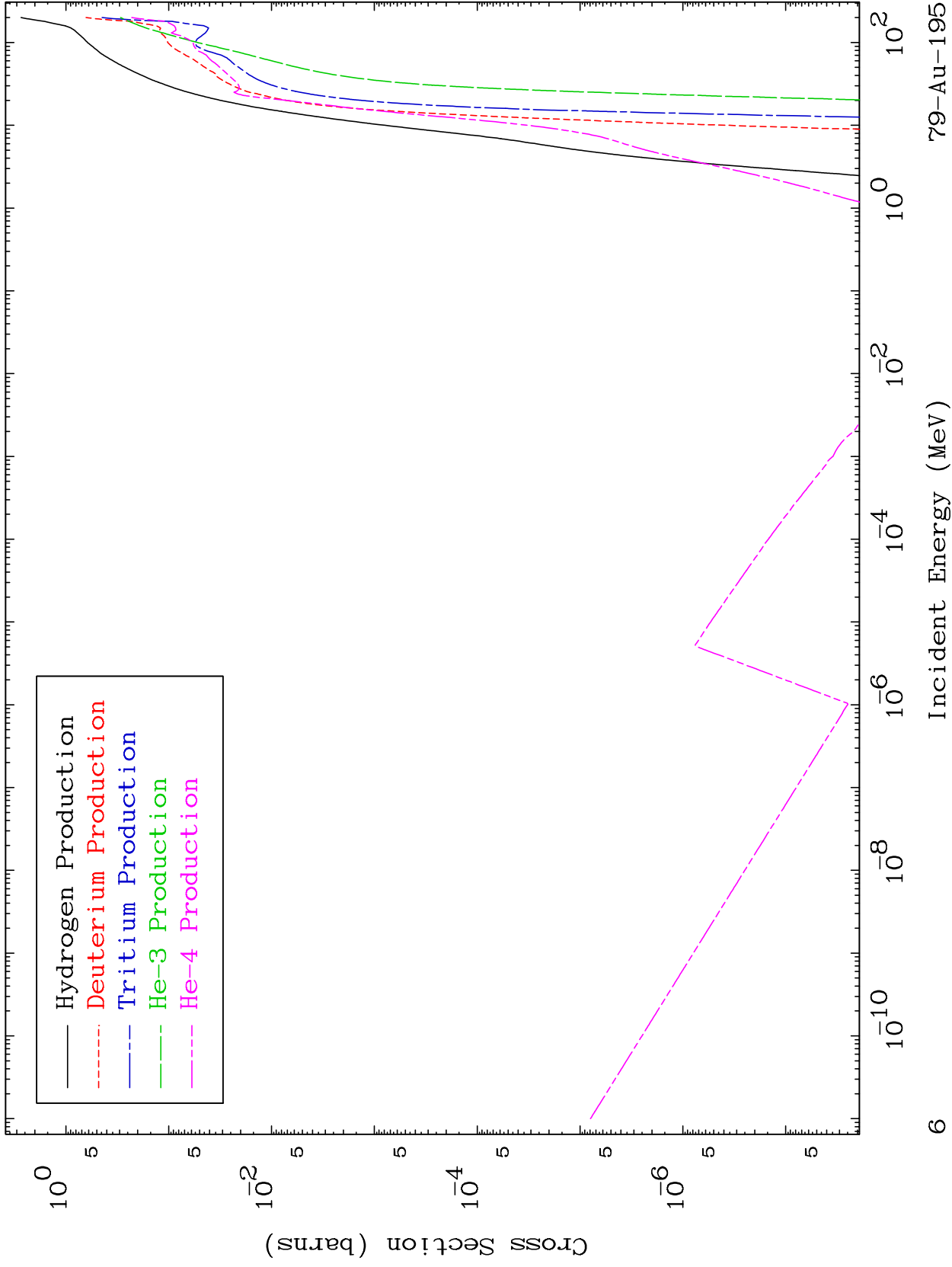


MAT 7919

Charged Particle
293 Kelvin Cross Sections

79-Au-195

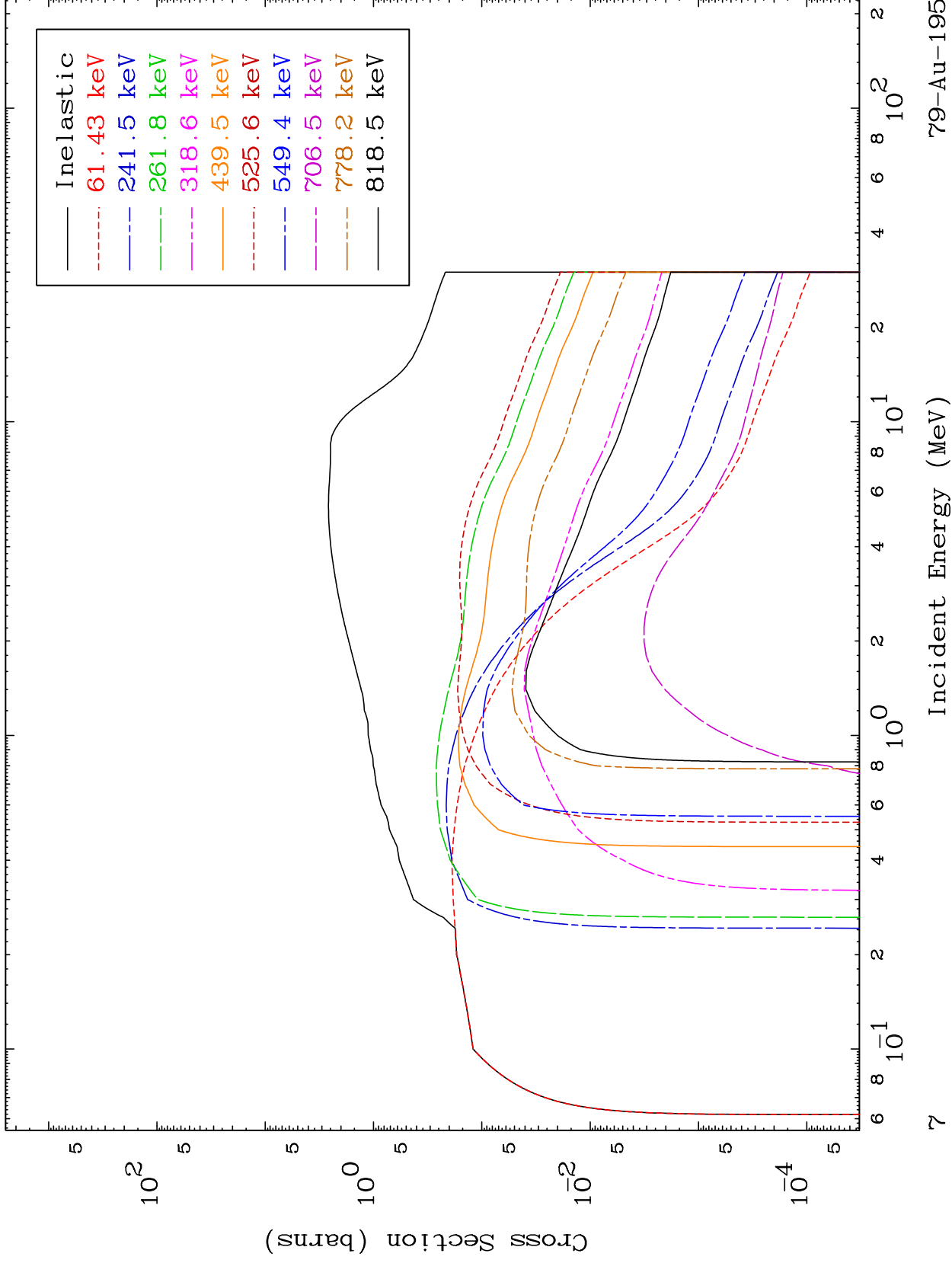




MAT 7919

(n,n') Level
293 Kelvin Cross Sections

79-Au-195



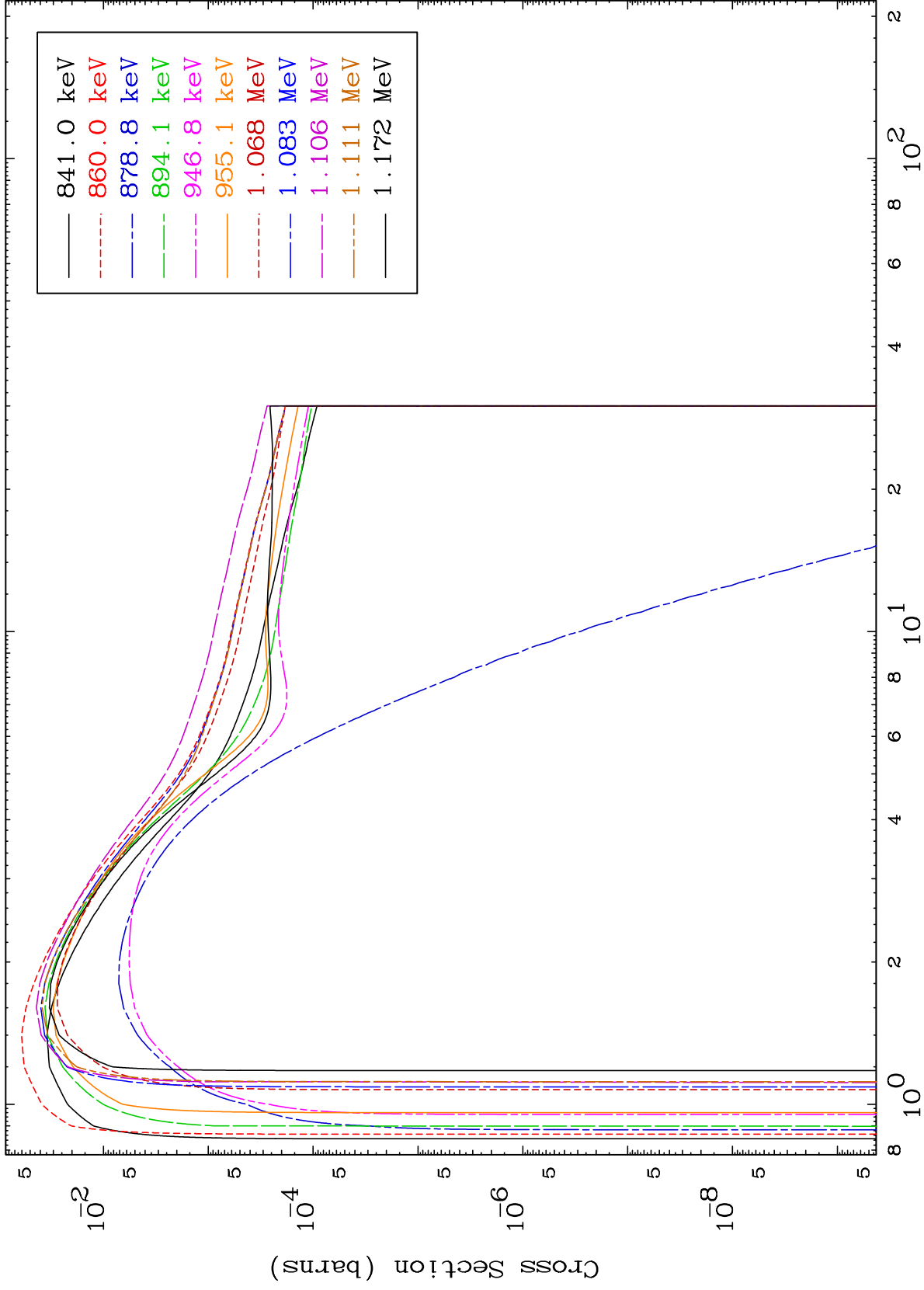
7

79-Au-195

MAT 7919

(n,n') Level
293 Kelvin Cross Sections

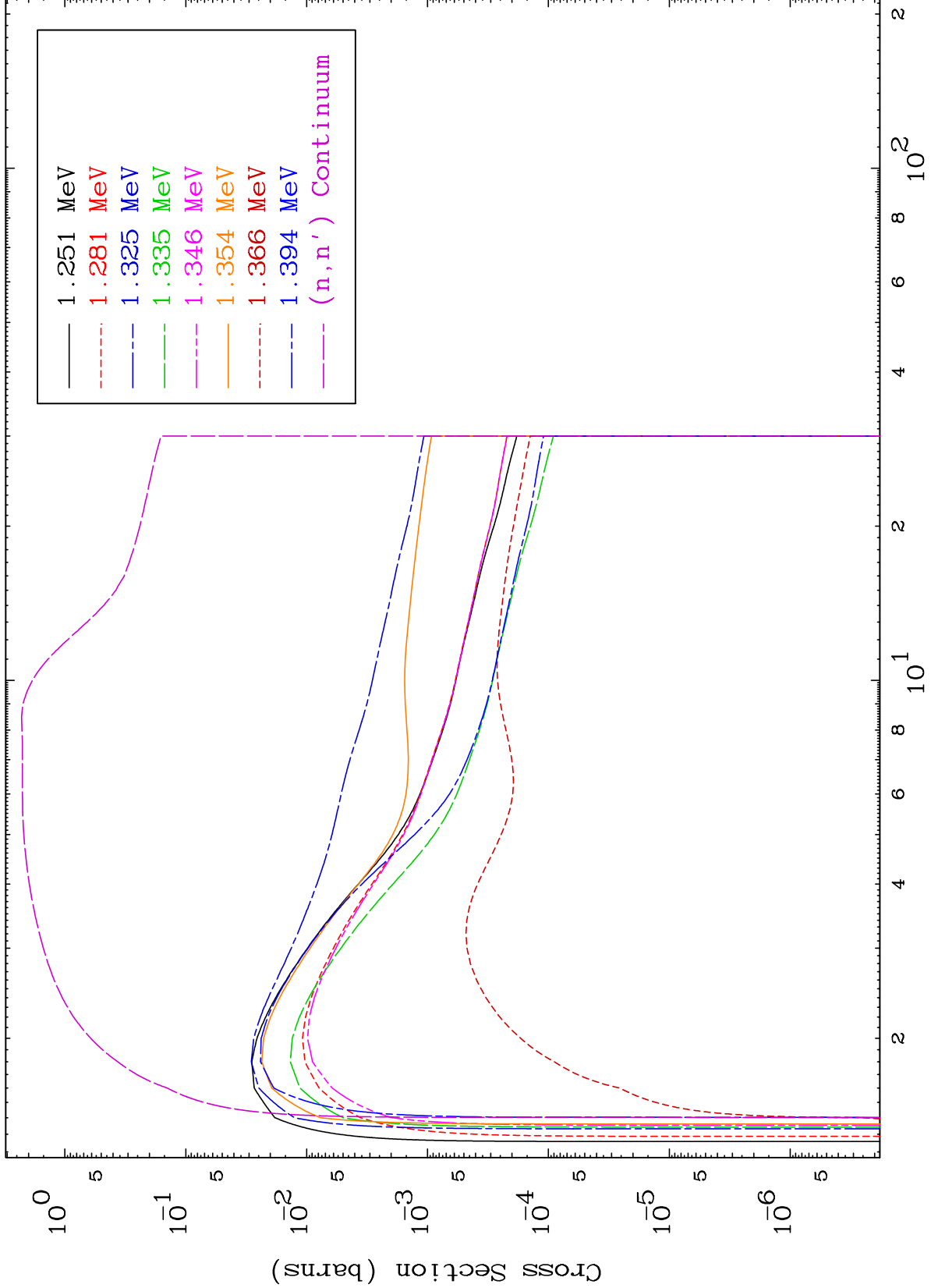
79-Au-195



Incident Energy (MeV)

79-Au-195

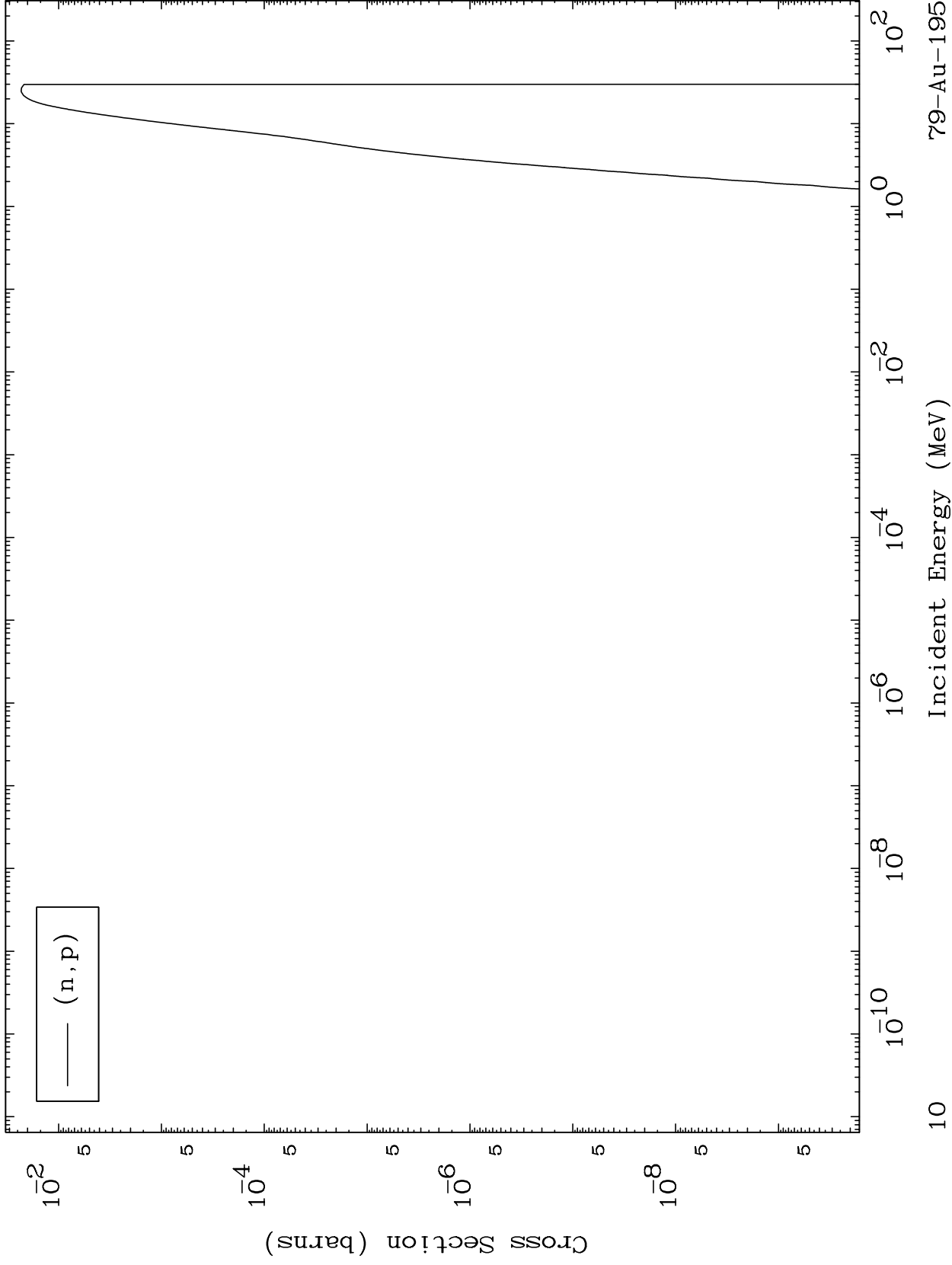
293 Kelvin Cross Sections



MAT 7919

(n,p) Levels
293 Kelvin Cross Sections

79-Au-195



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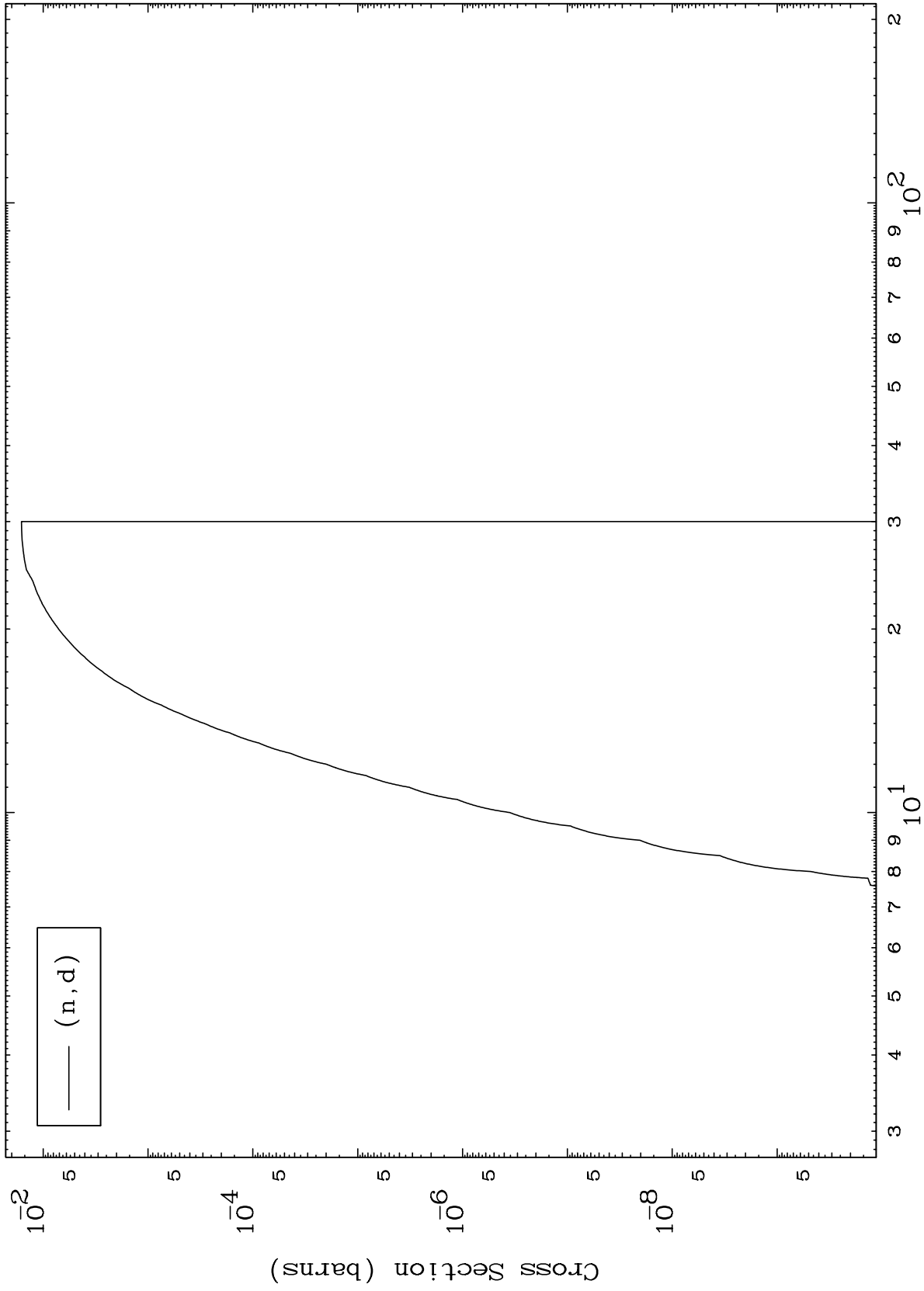
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,d) Levels
293 Kelvin Cross Sections

79-Au-195



11

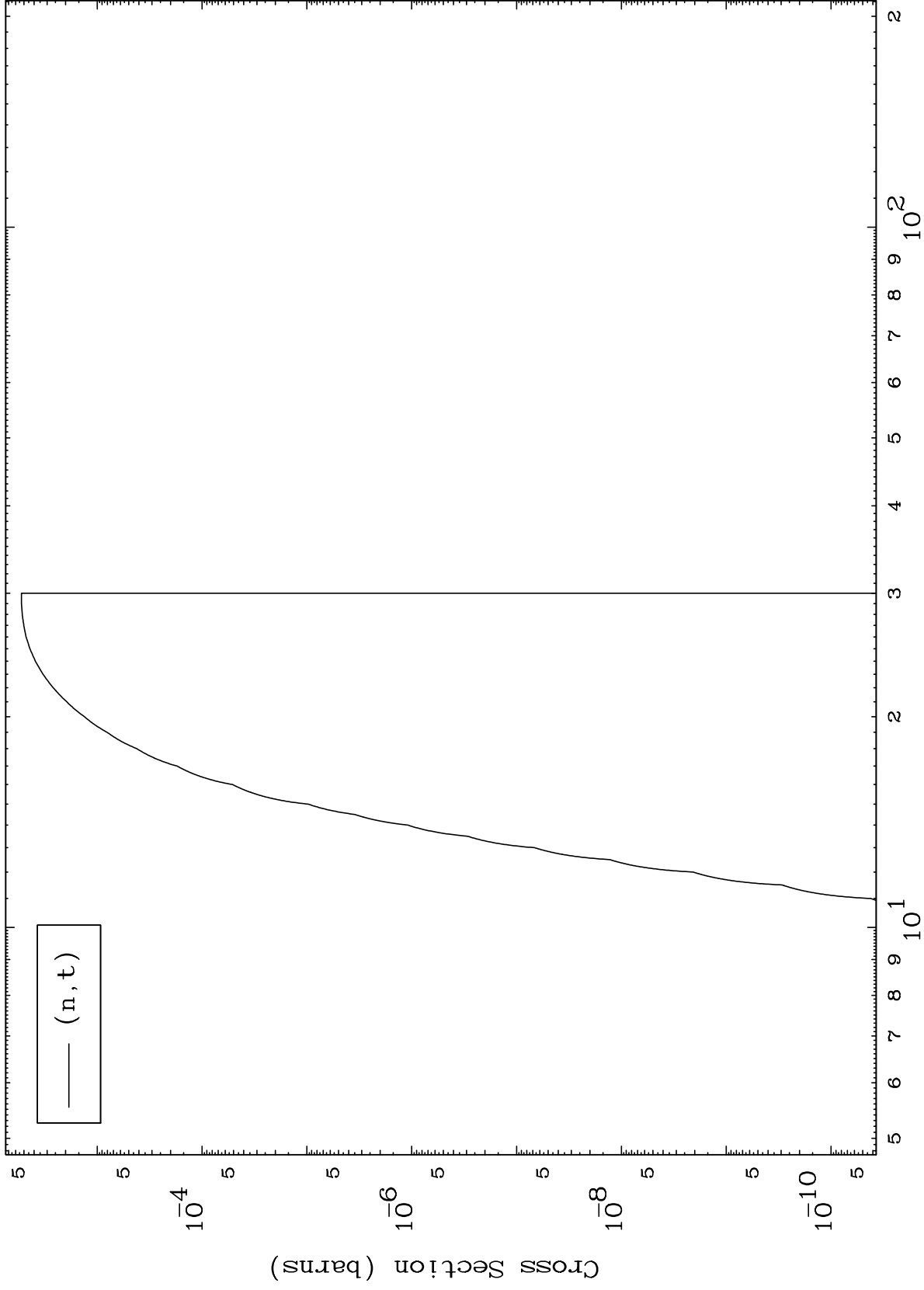
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,t) Levels
293 Kelvin Cross Sections

79-Au-195



12

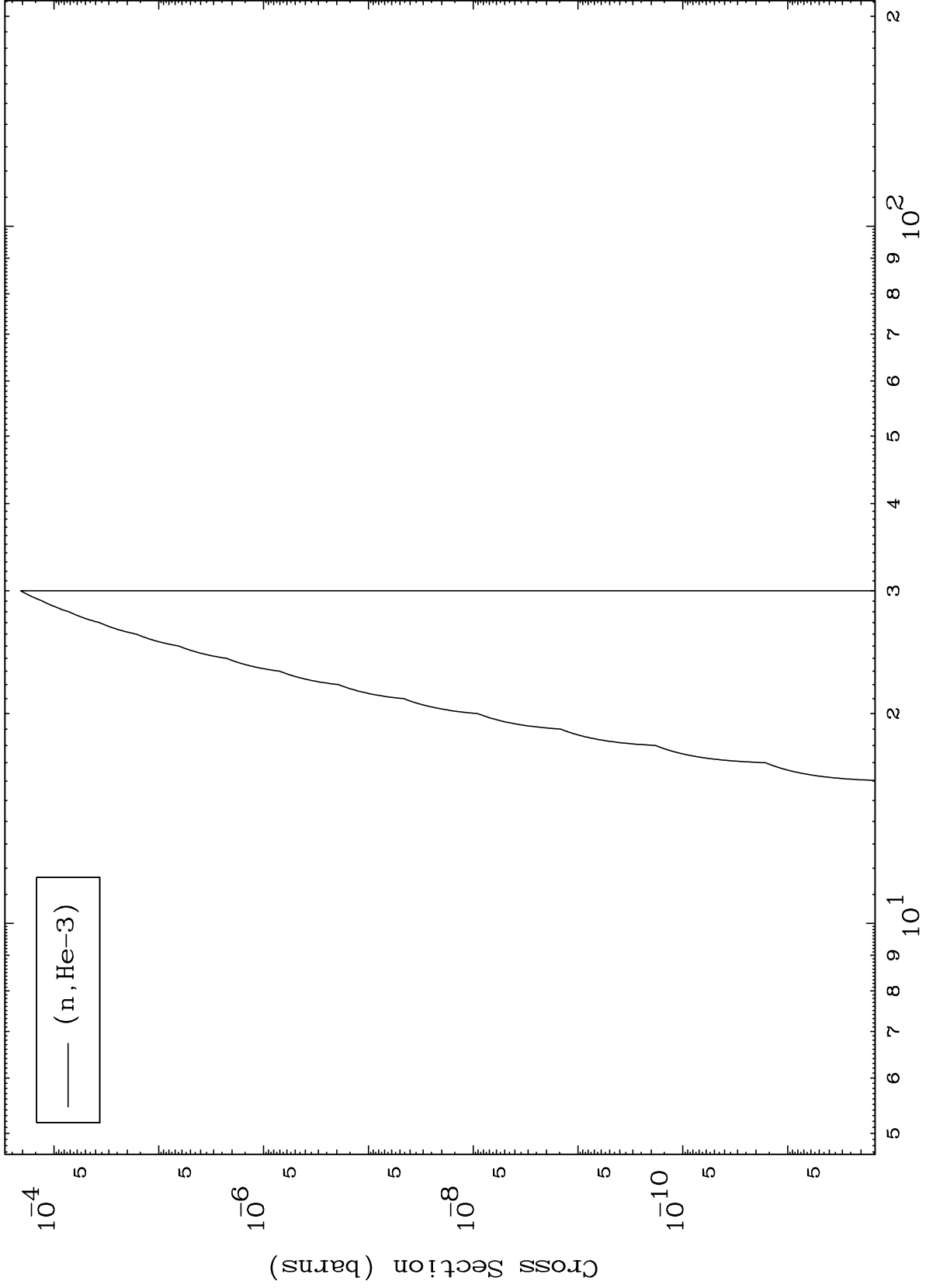
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-195



13

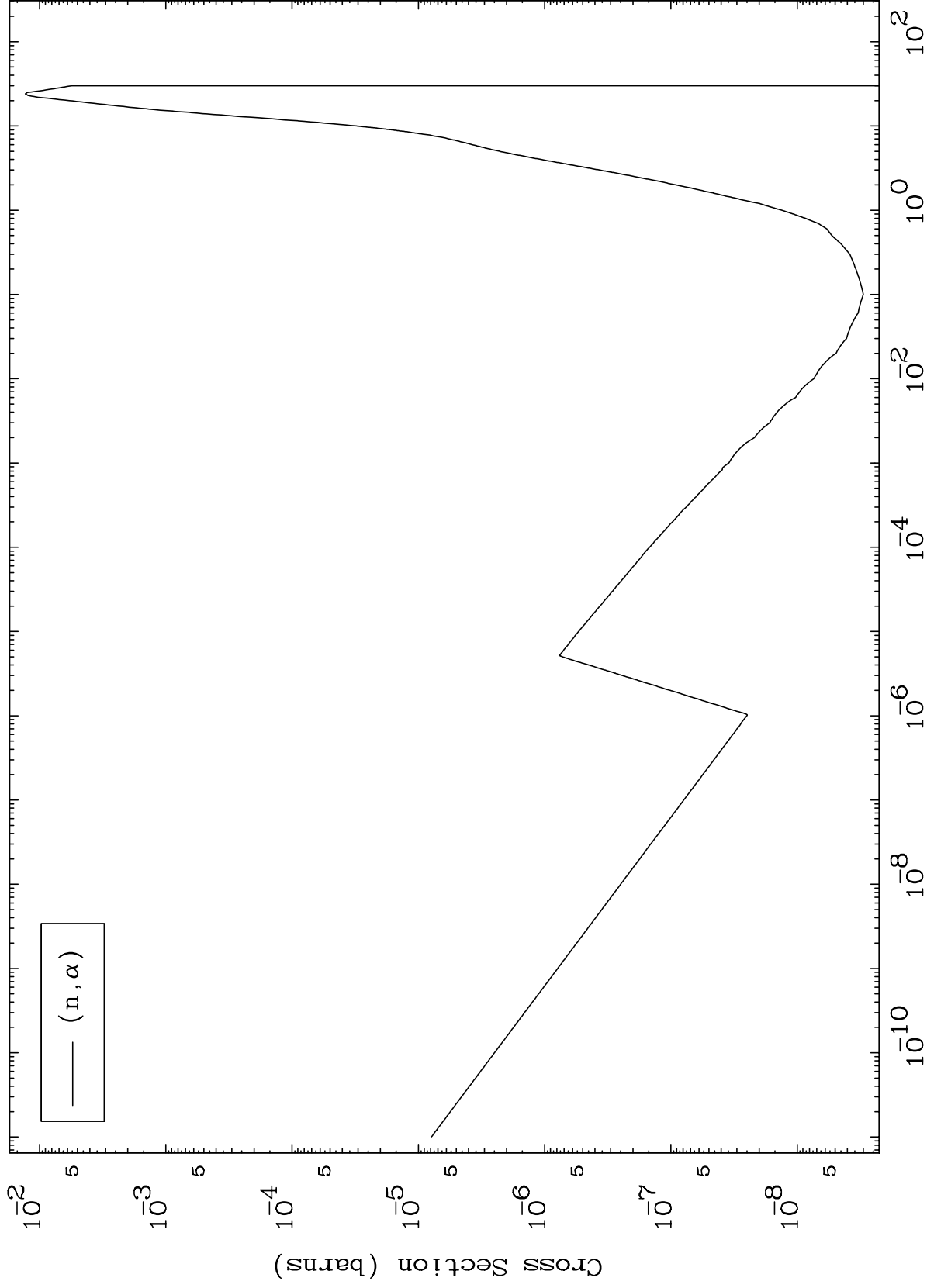
Incident Energy (MeV)

79-Au-195

MAT 7919

(n, α) Levels
293 Kelvin Cross Sections

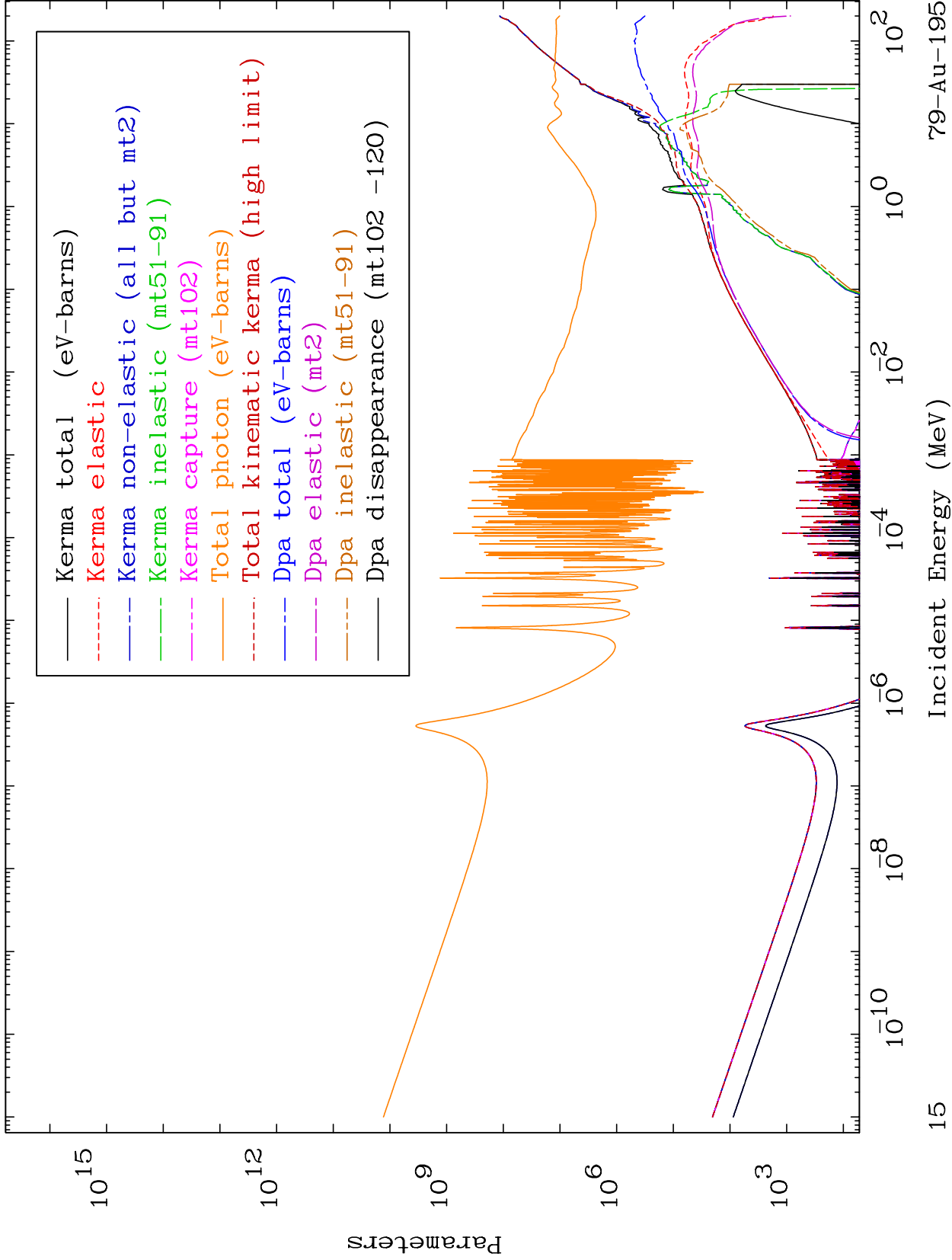
79-Au-195

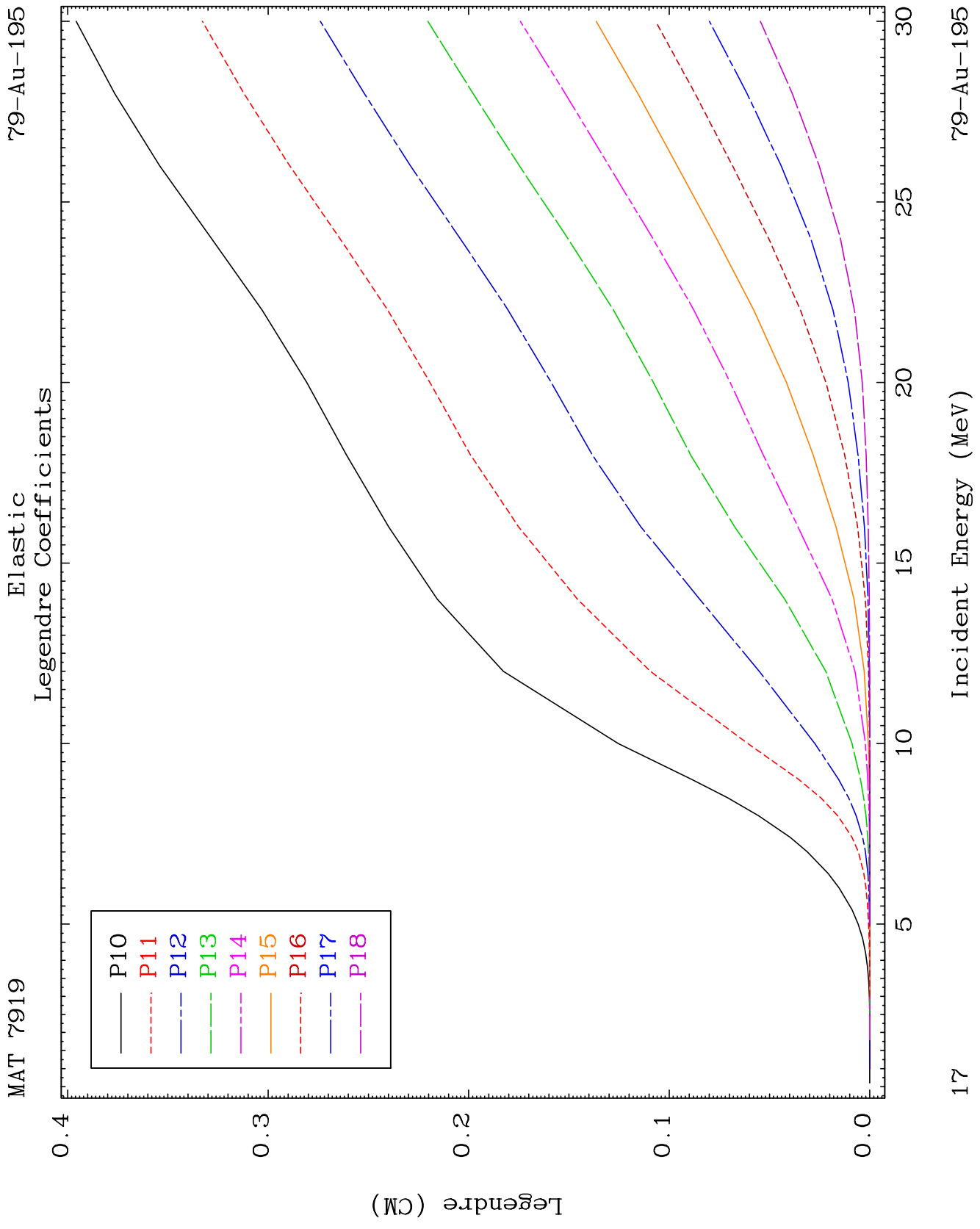


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Incident Energy (MeV)

79-Au-195

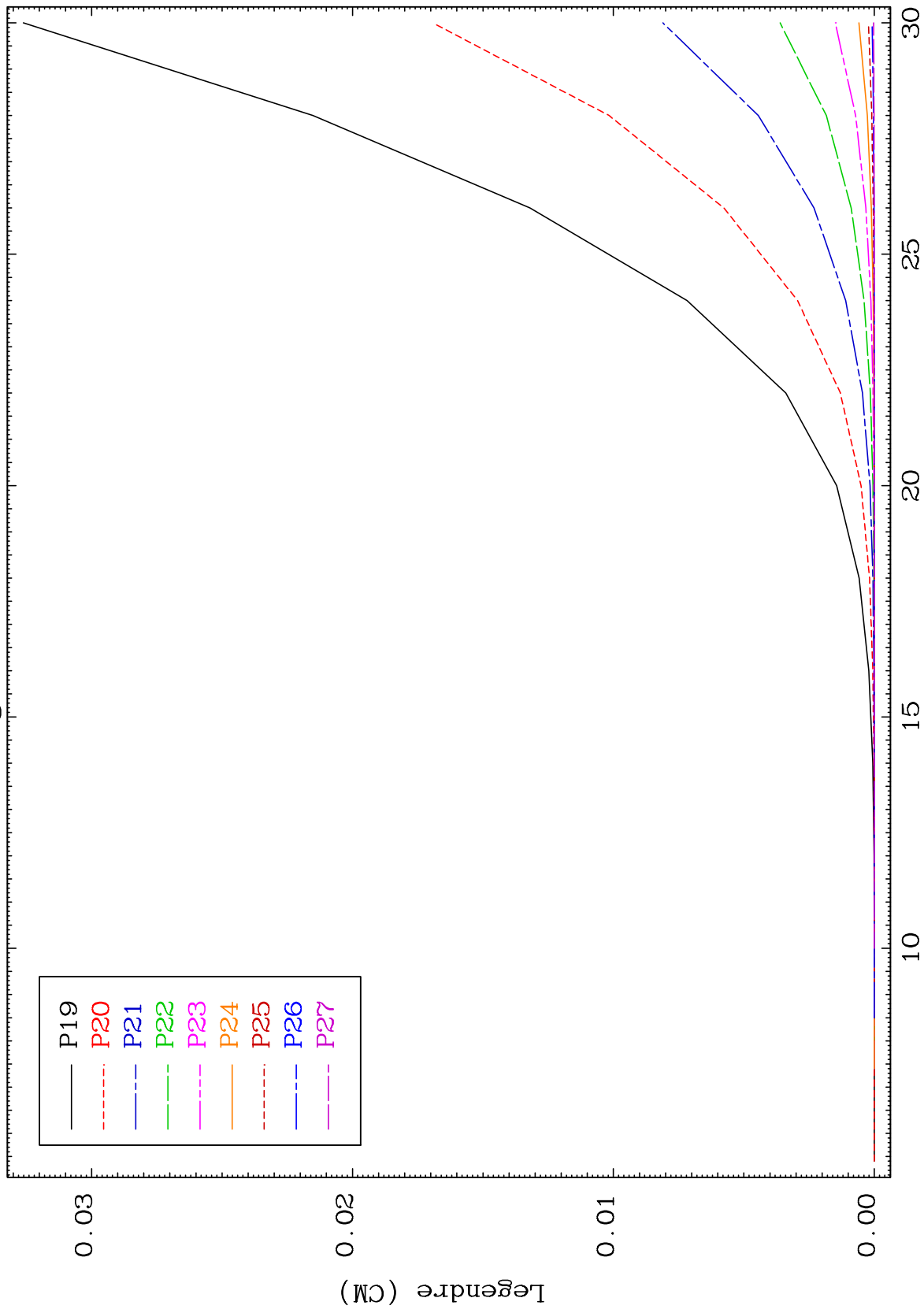




MAT 7919

Elastic Legendre Coefficients

79-Au-195



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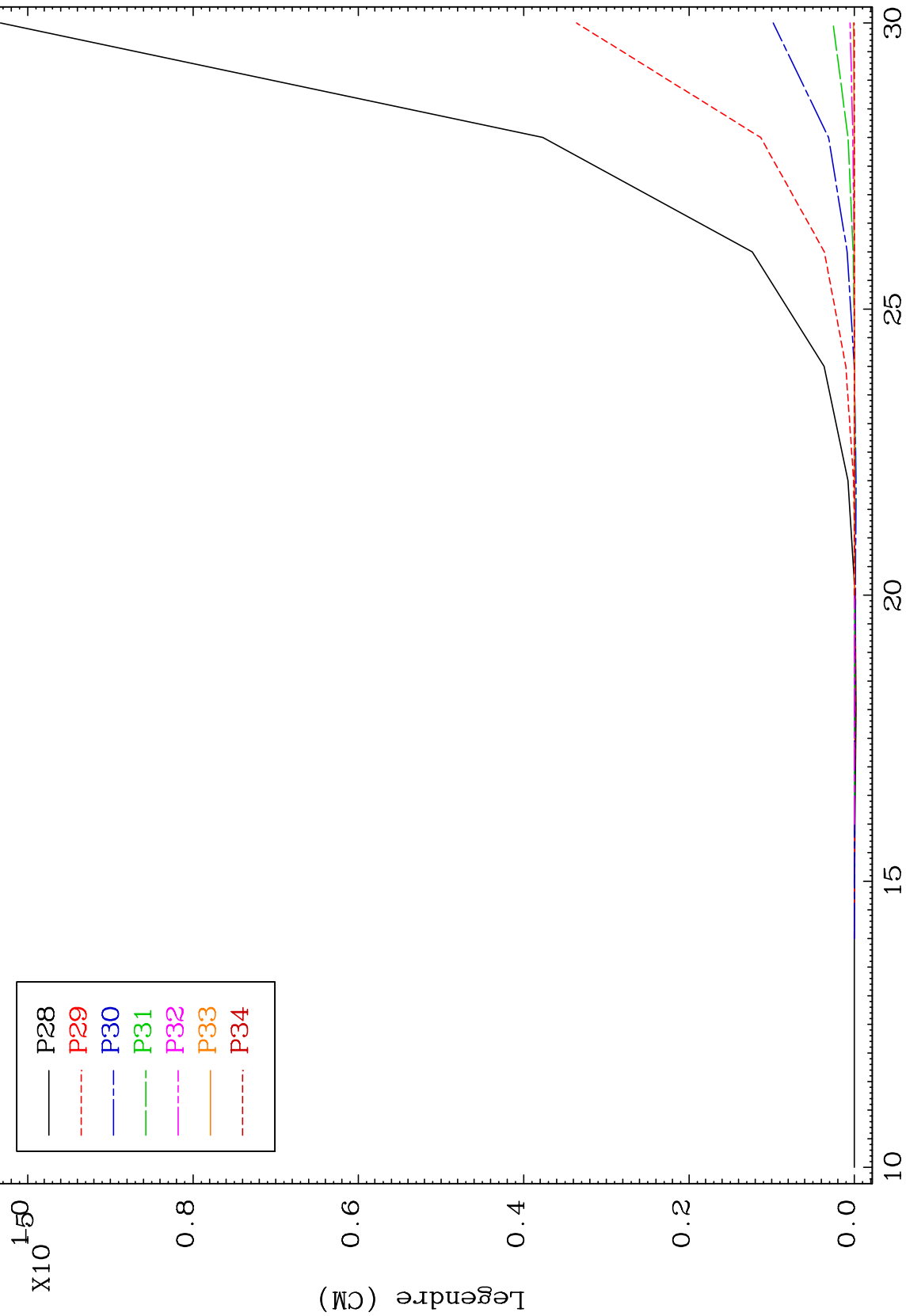
Incident Energy (MeV)

79-Au-195

MAT 7919

Elastic Legendre Coefficients

79-Au-195



79-Au-195

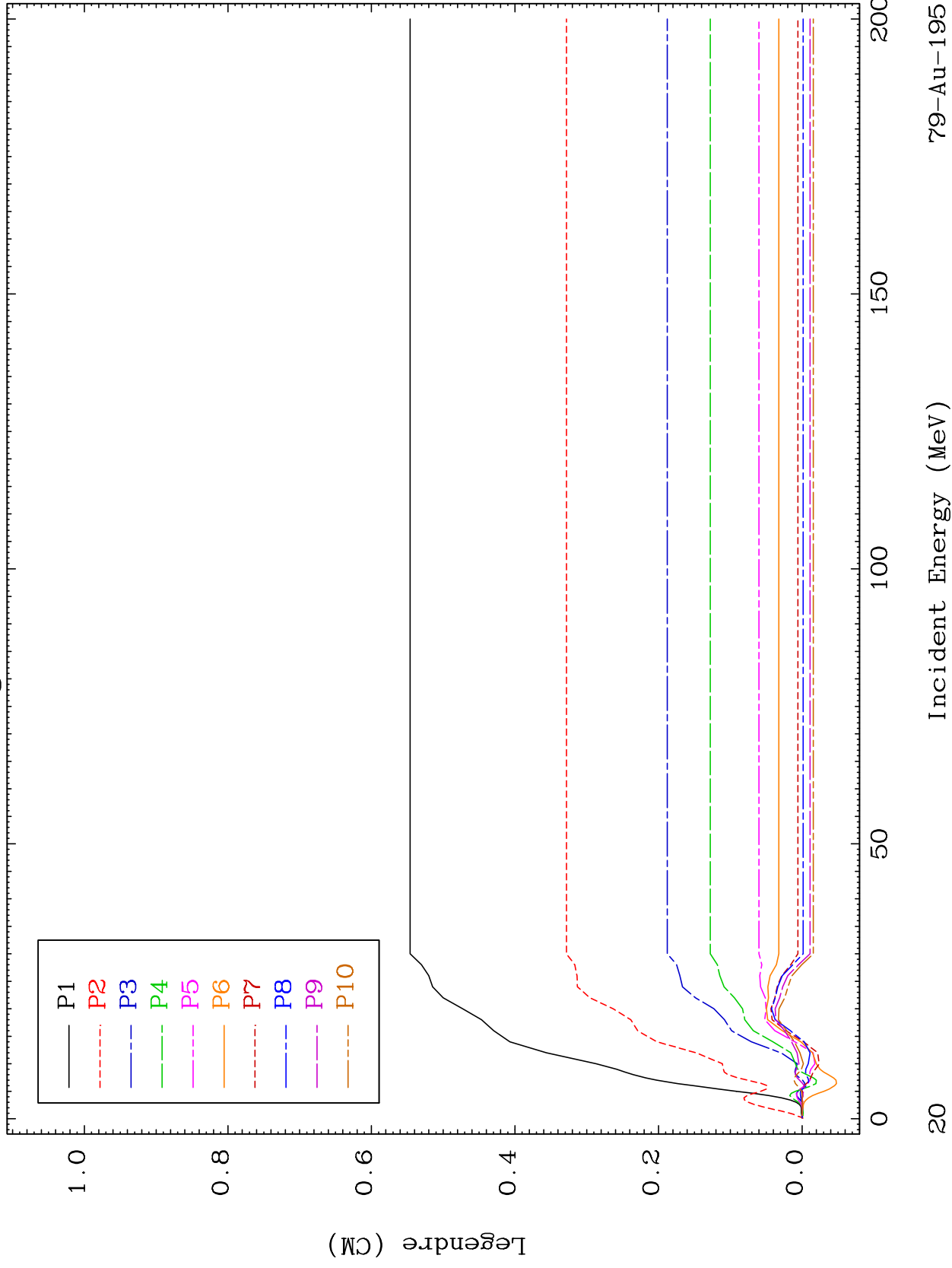
Incident Energy (MeV)

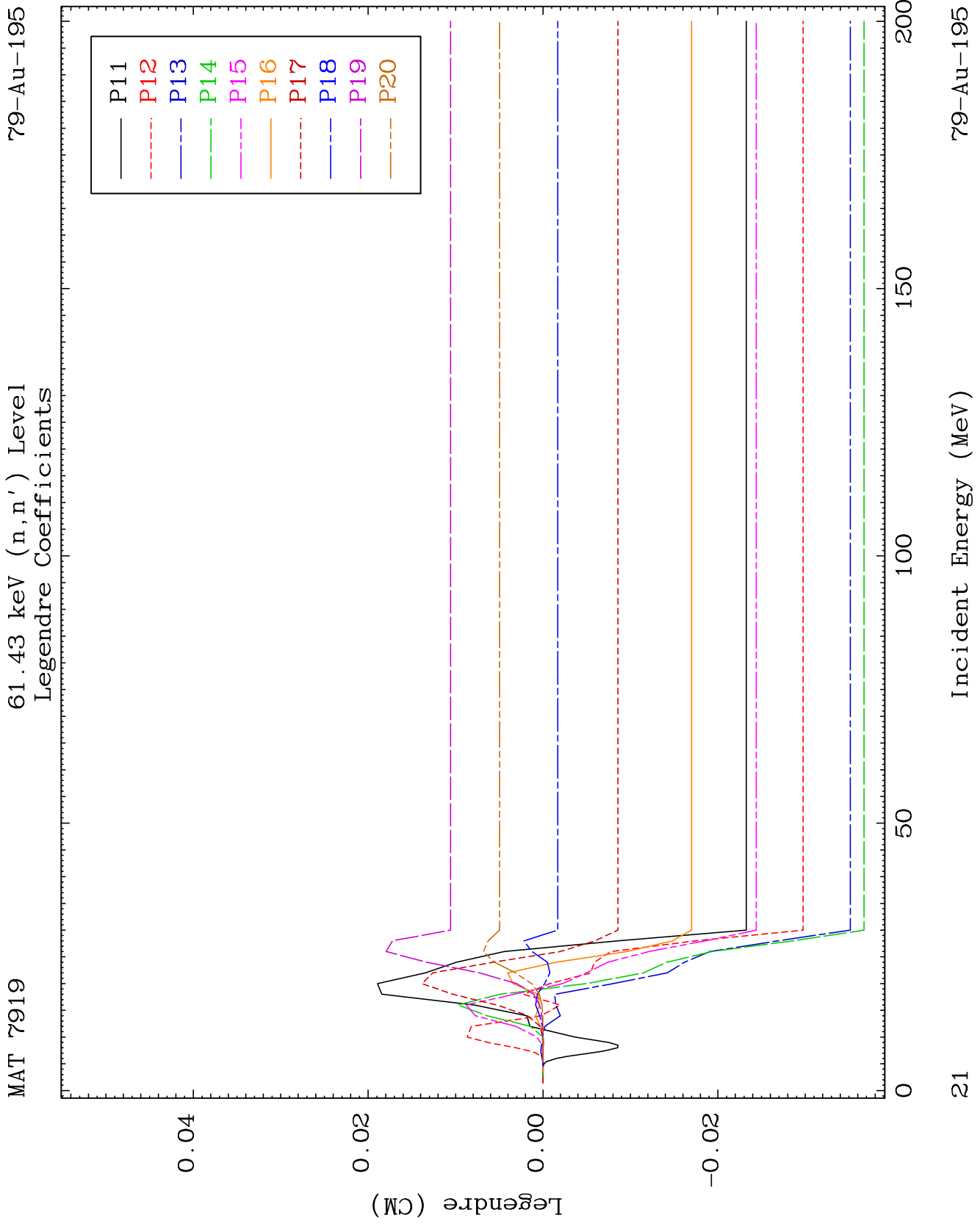
19

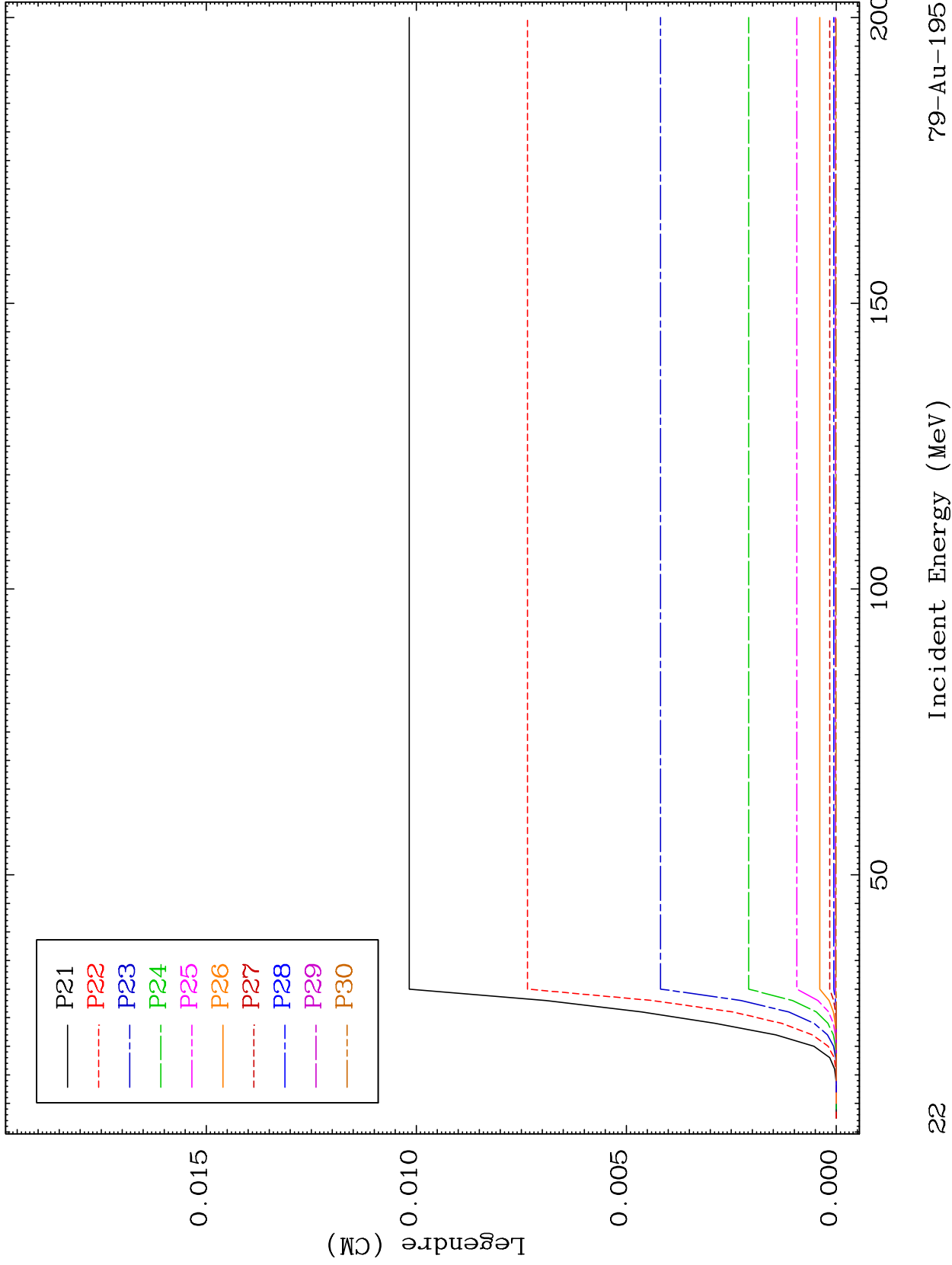
MAT 7919

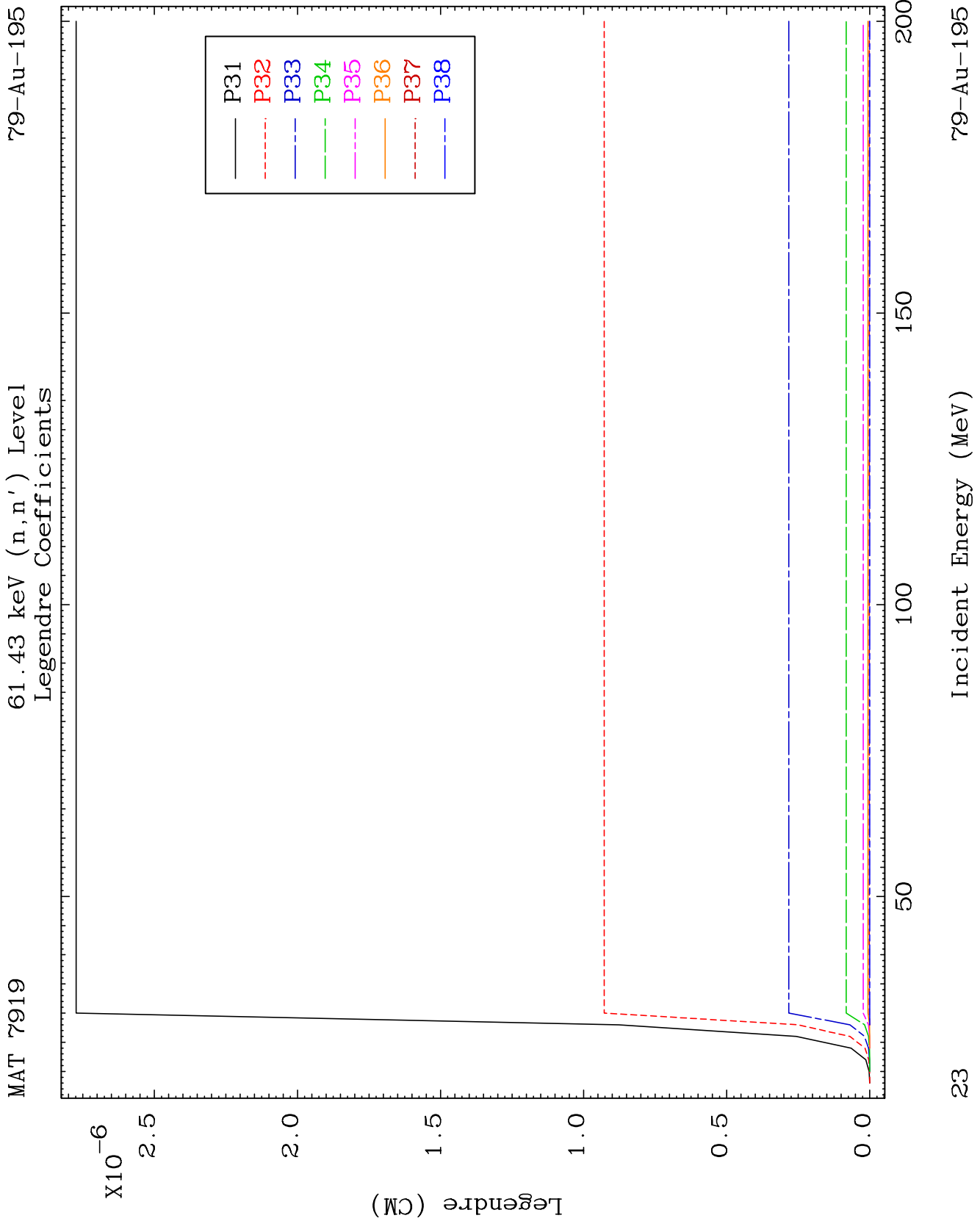
61.43 keV (n, n') Level
Legendre Coefficients

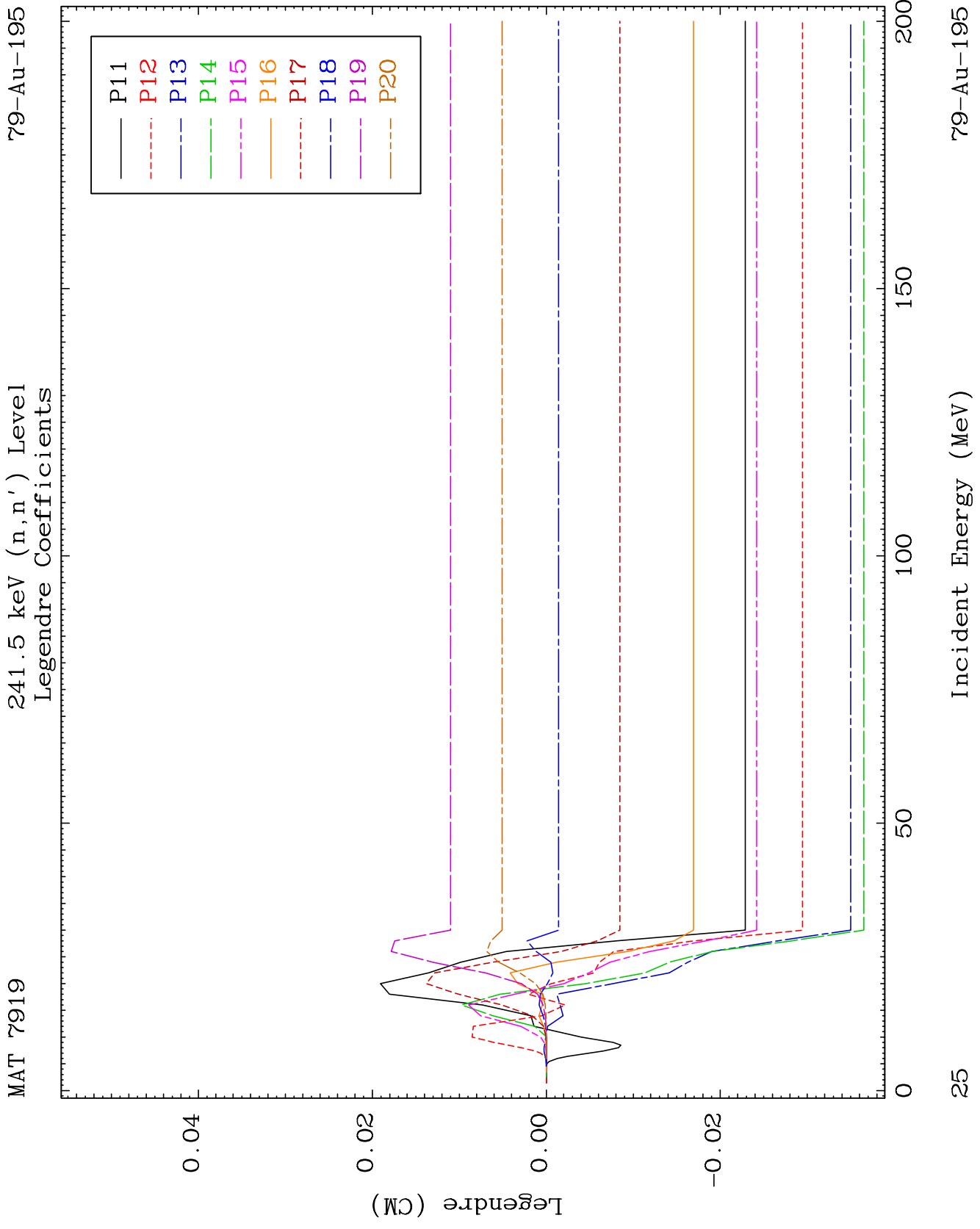
79-Au-195

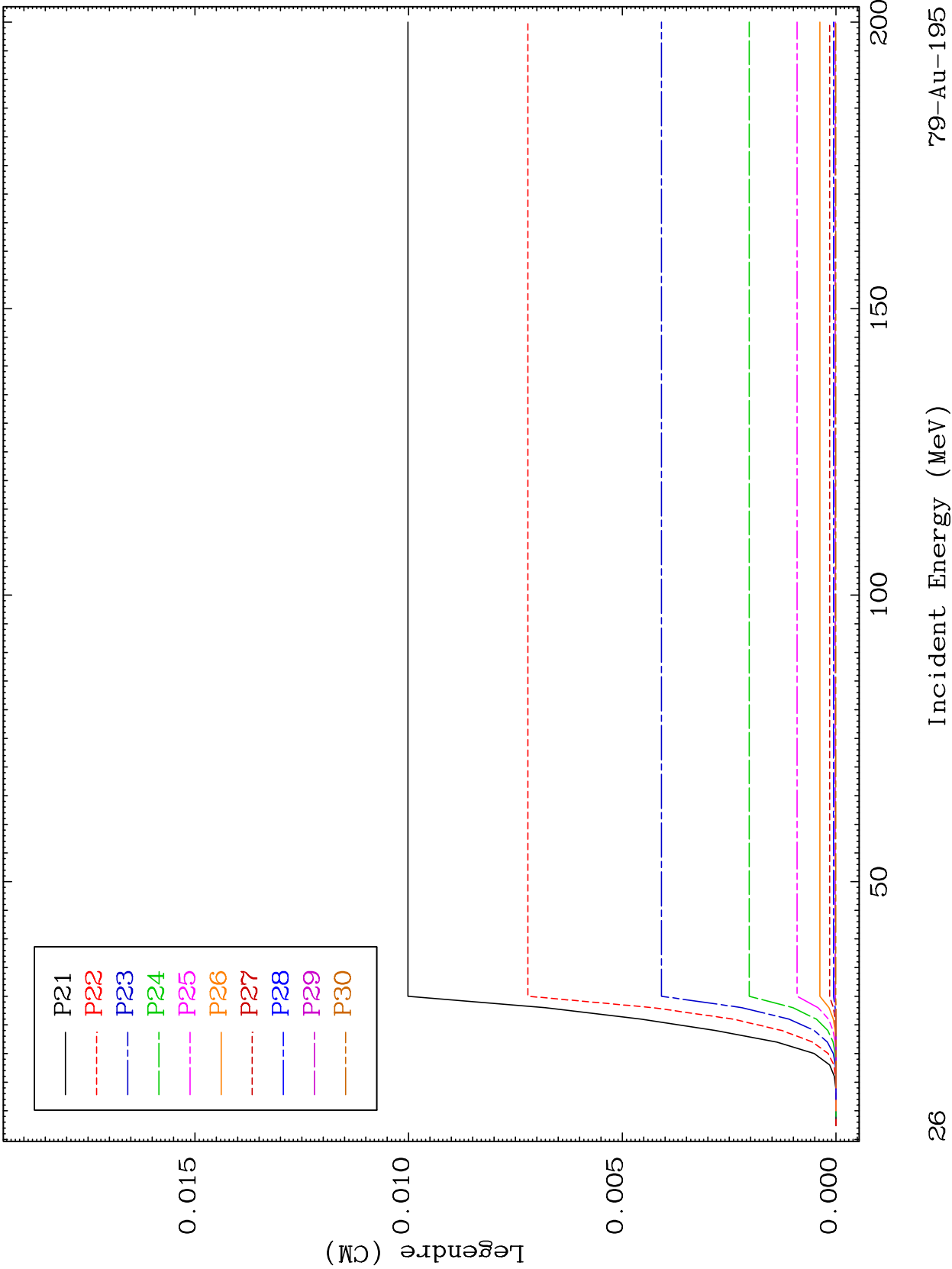


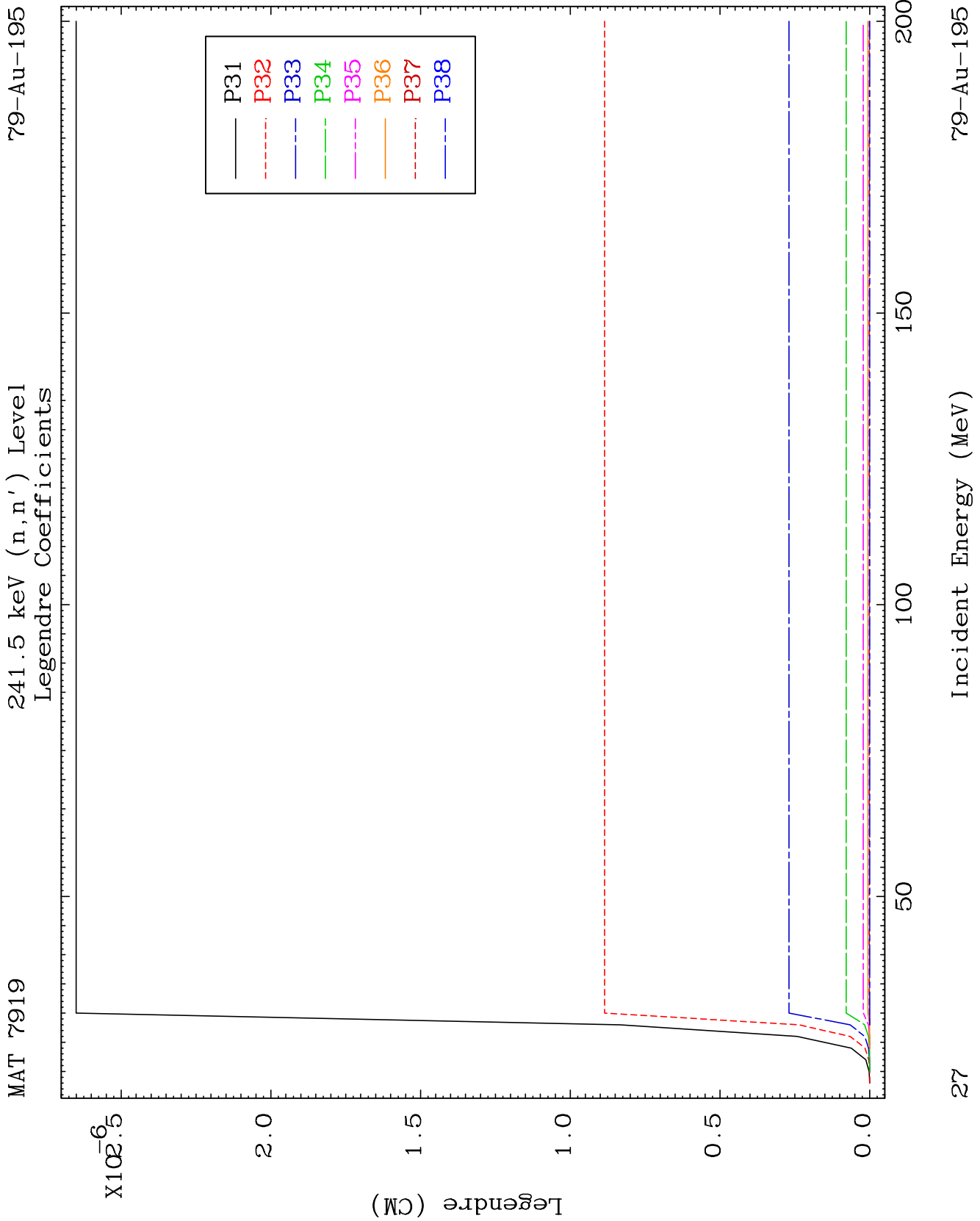








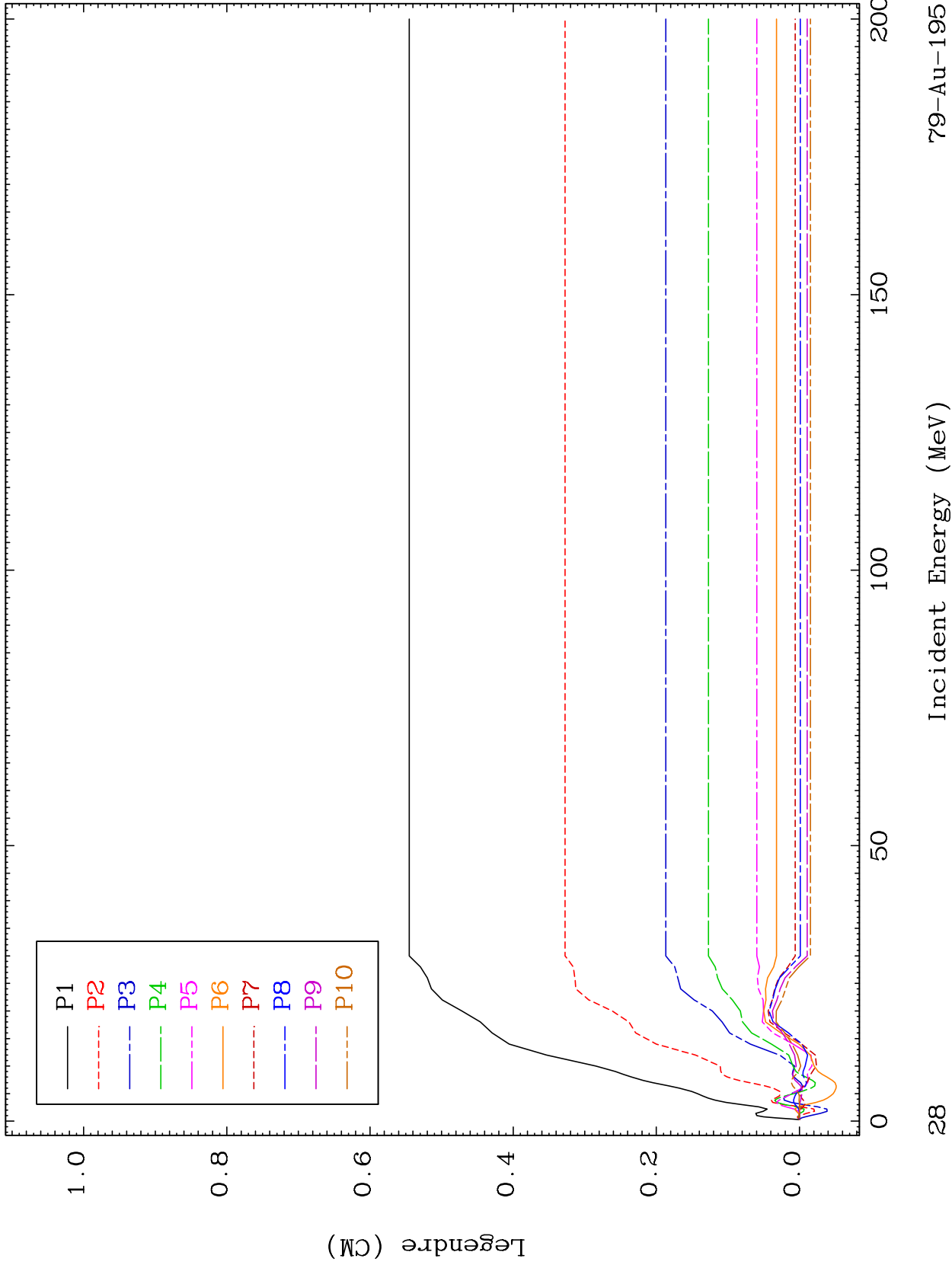




MAT 7919

261.8 keV (n, n') Level
Legendre Coefficients

79-Au-195

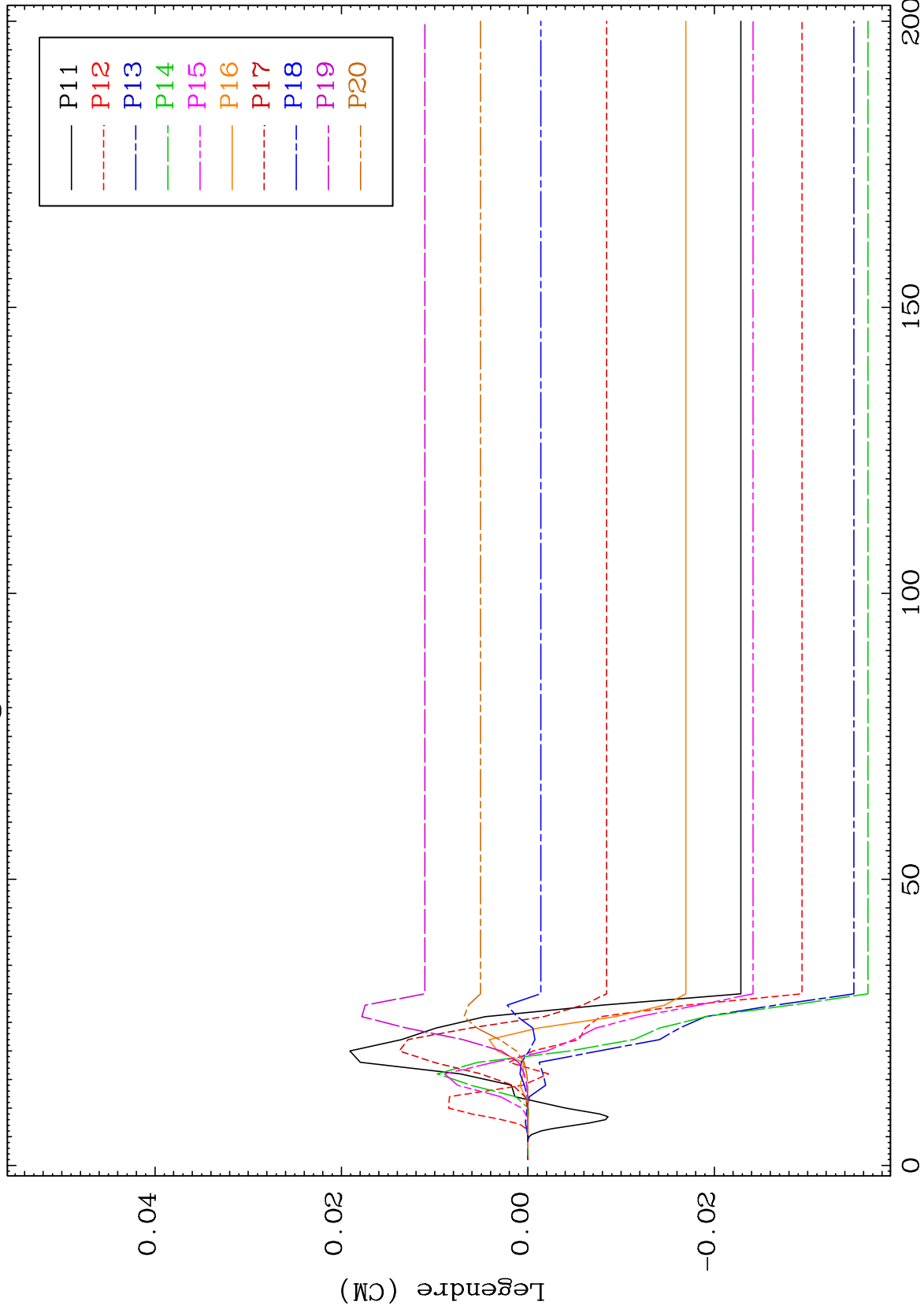


28

MAT 7919

261.8 keV (n,n') Level
Legendre Coefficients

79-Au-195



29

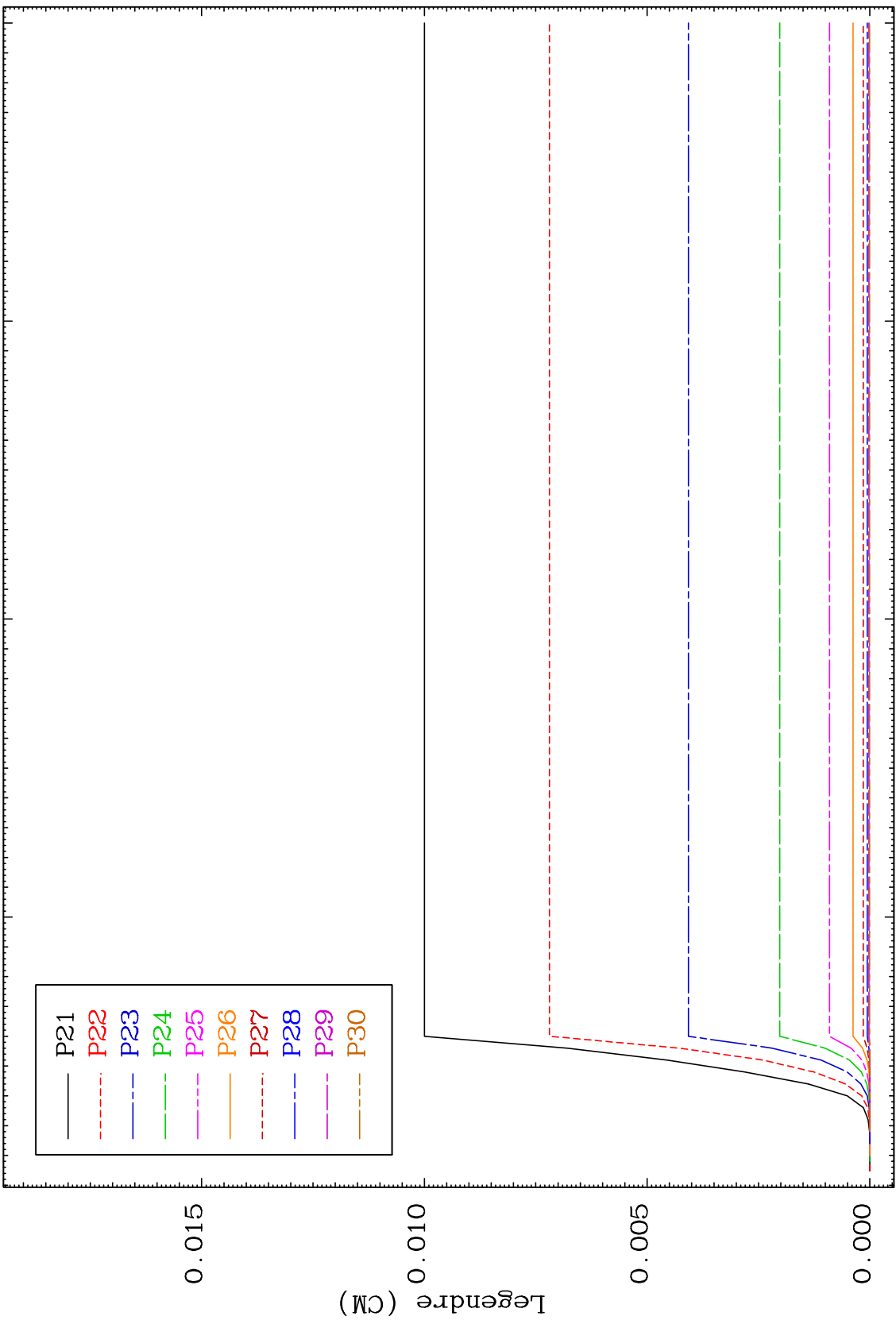
Incident Energy (MeV)

79-Au-195

MAT 7919

261.8 keV (n,n') Level
Legendre Coefficients

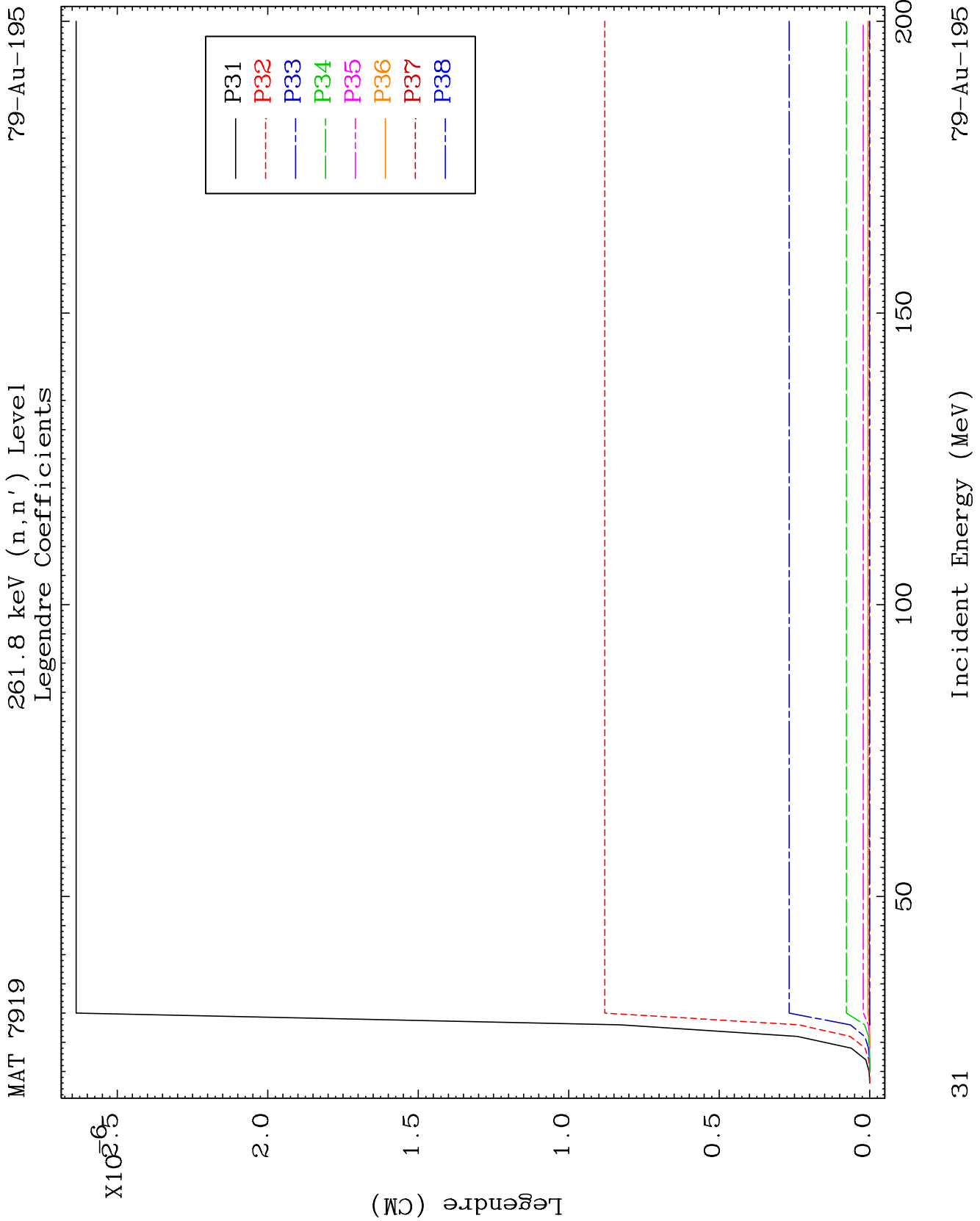
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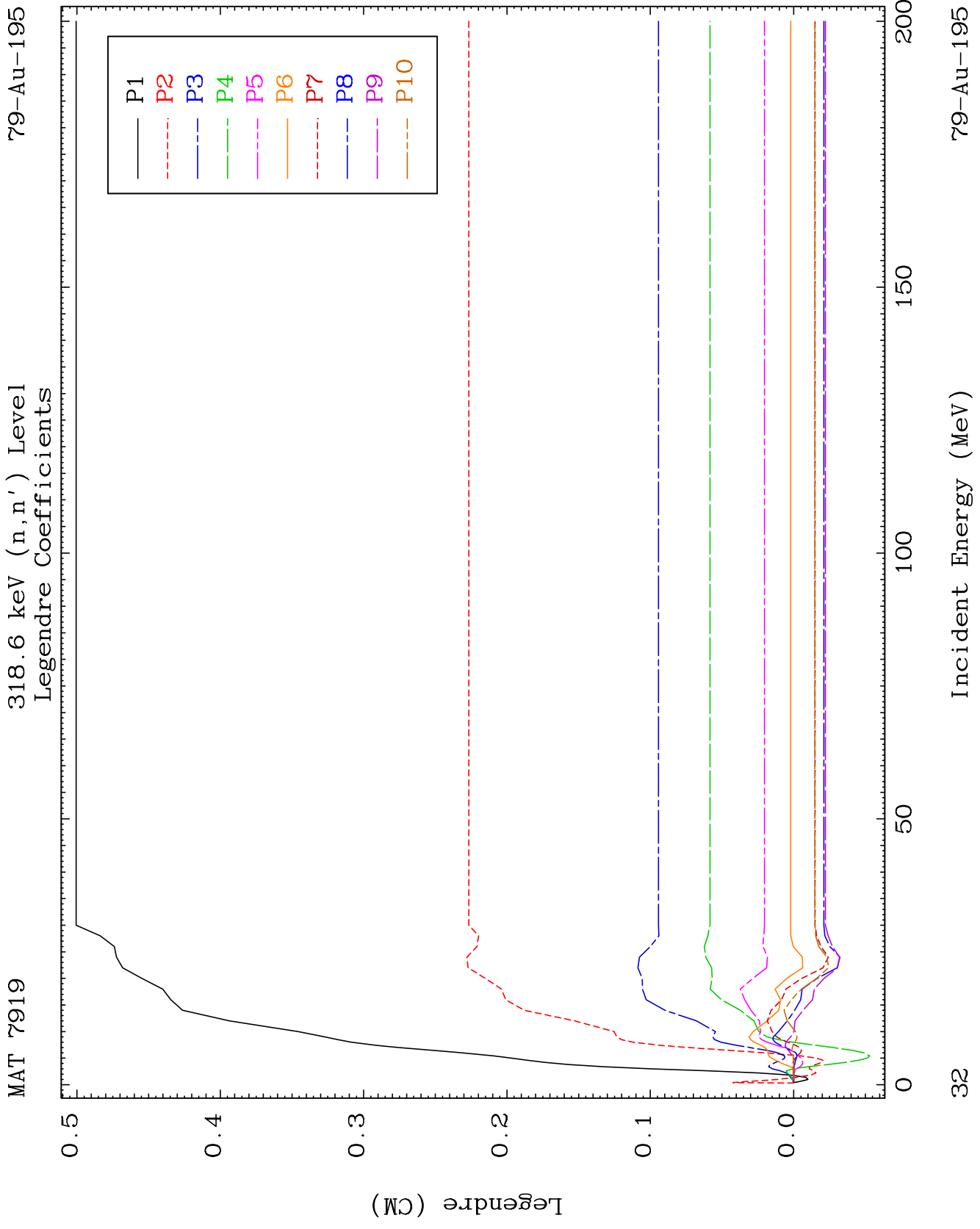


30

Incident Energy (MeV)

79-Au-195

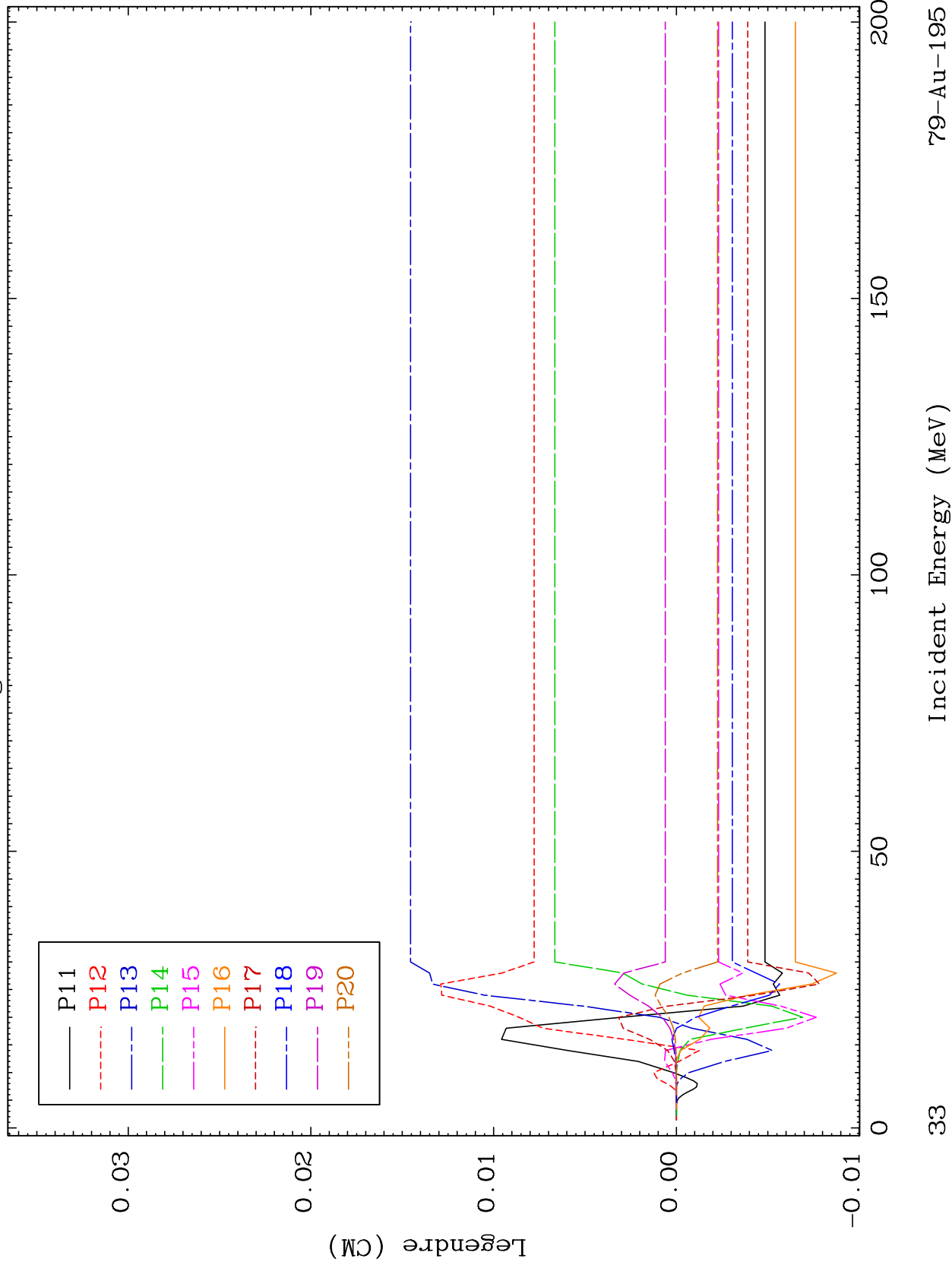




MAT 7919

318.6 keV (n,n') Level
Legendre Coefficients

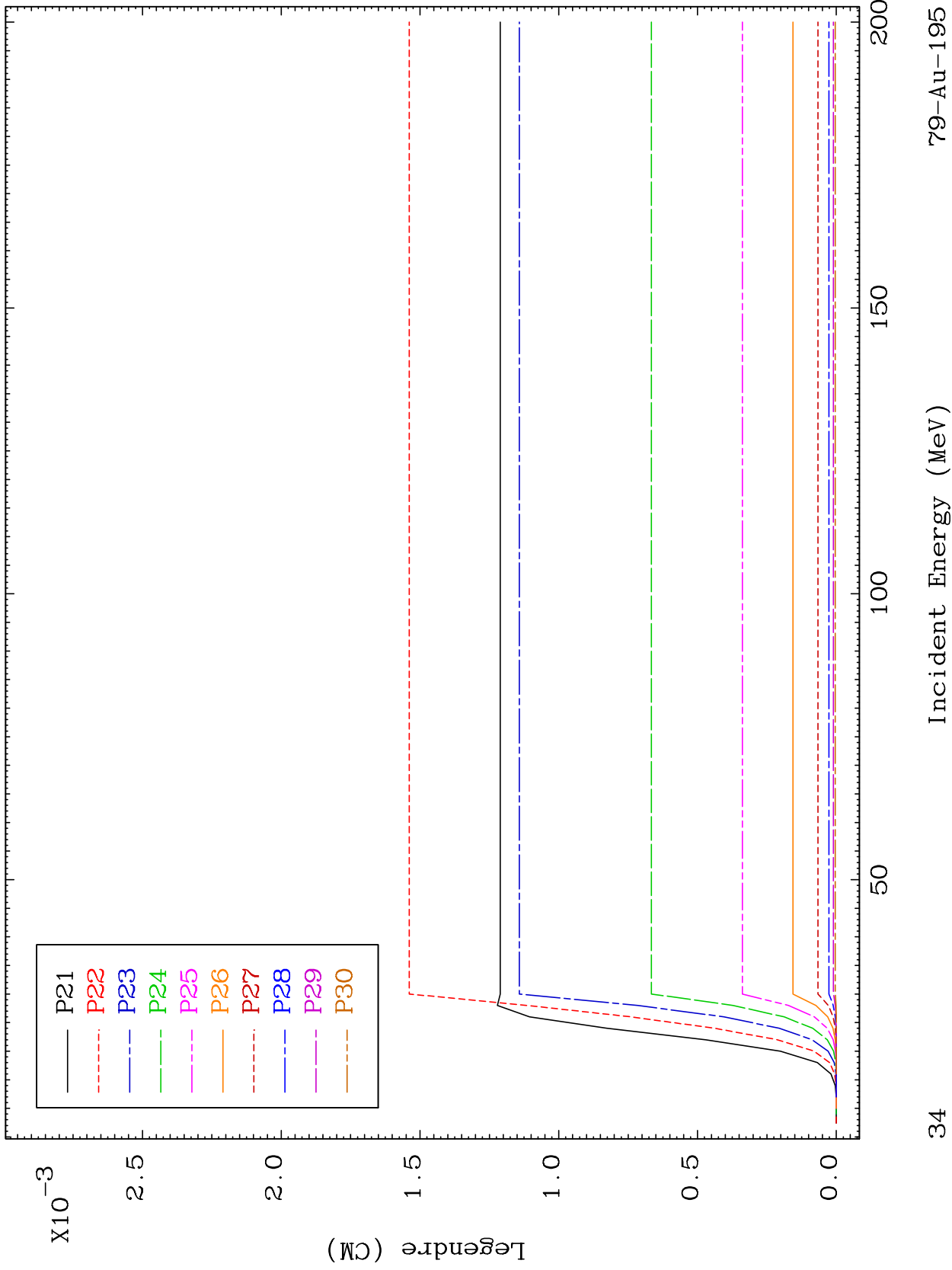
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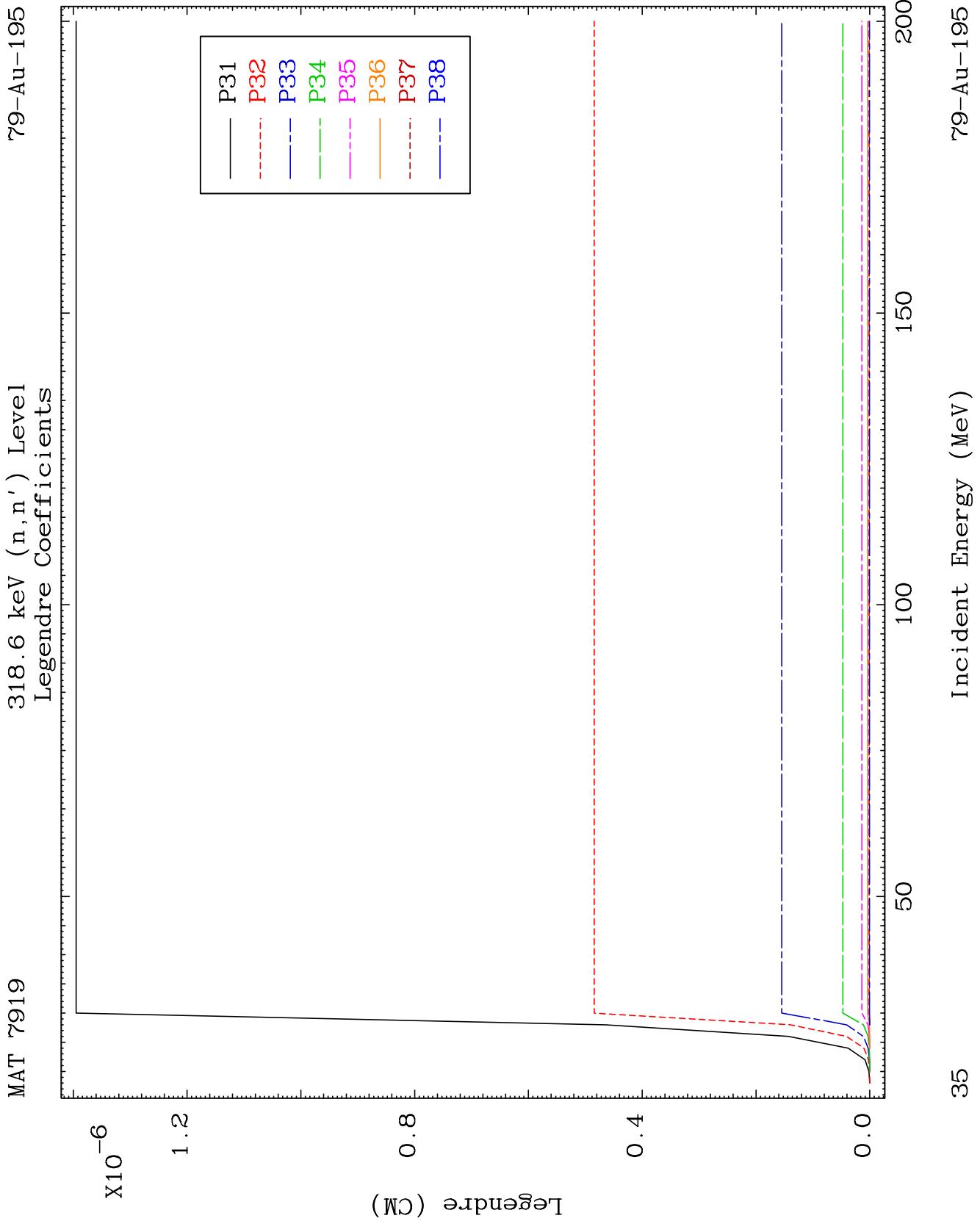


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Incident Energy (MeV)

79-Au-195

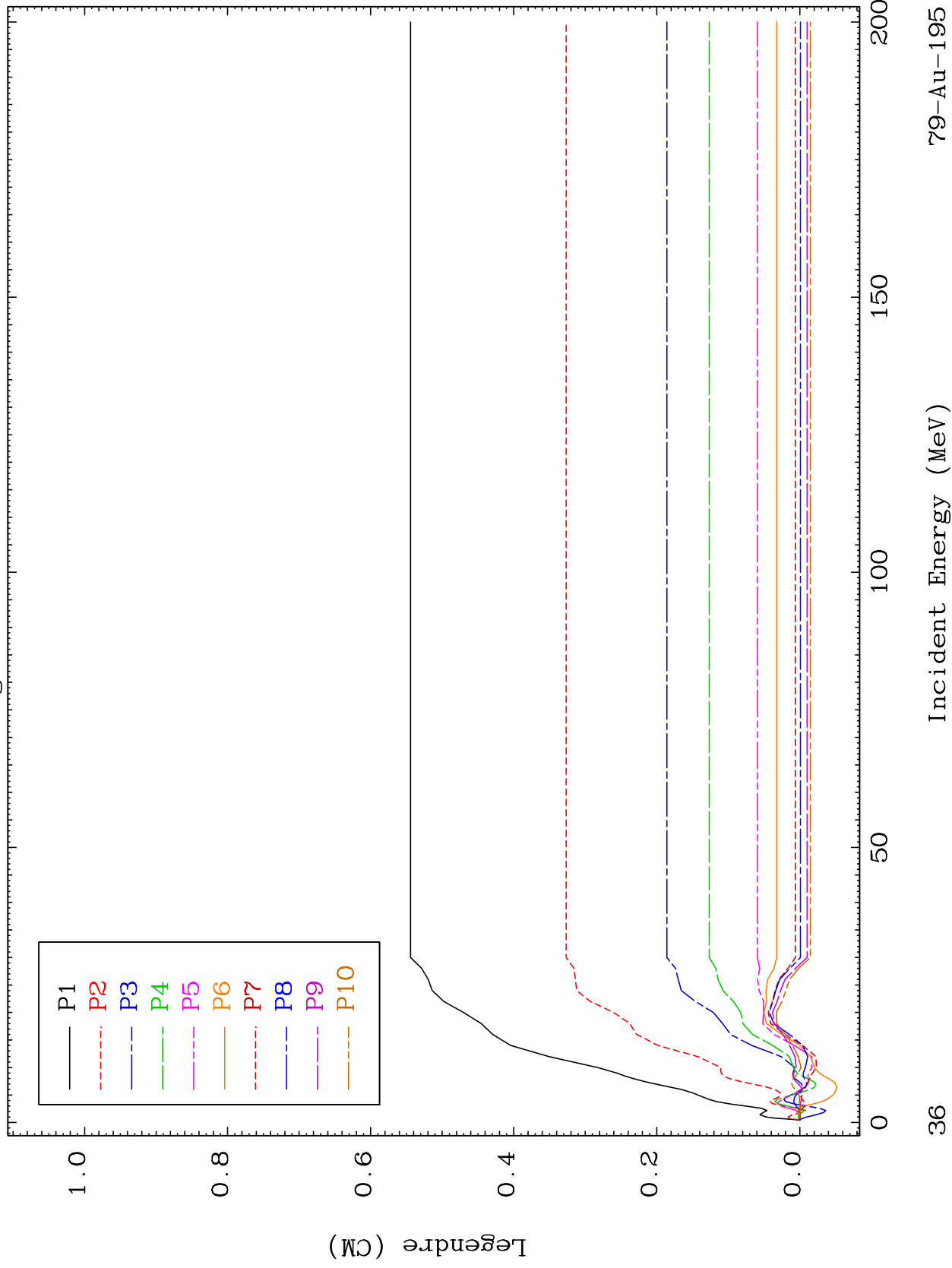




MAT 7919

439.5 keV (n, n') Level
Legendre Coefficients

79-Au-195



79-Au-195

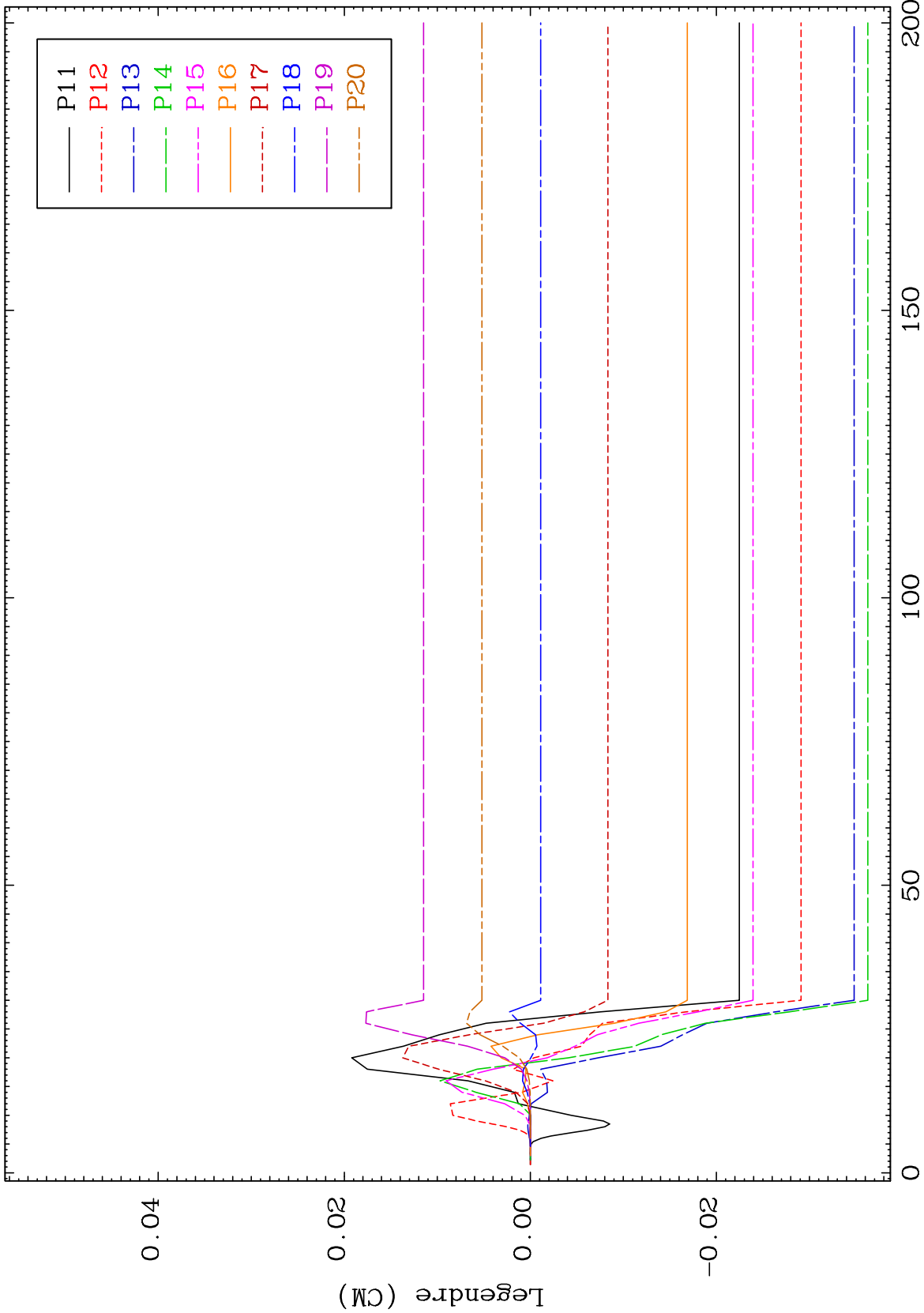
Incident Energy (MeV)

36

MAT 7919

439.5 keV (n,n') Level
Legendre Coefficients

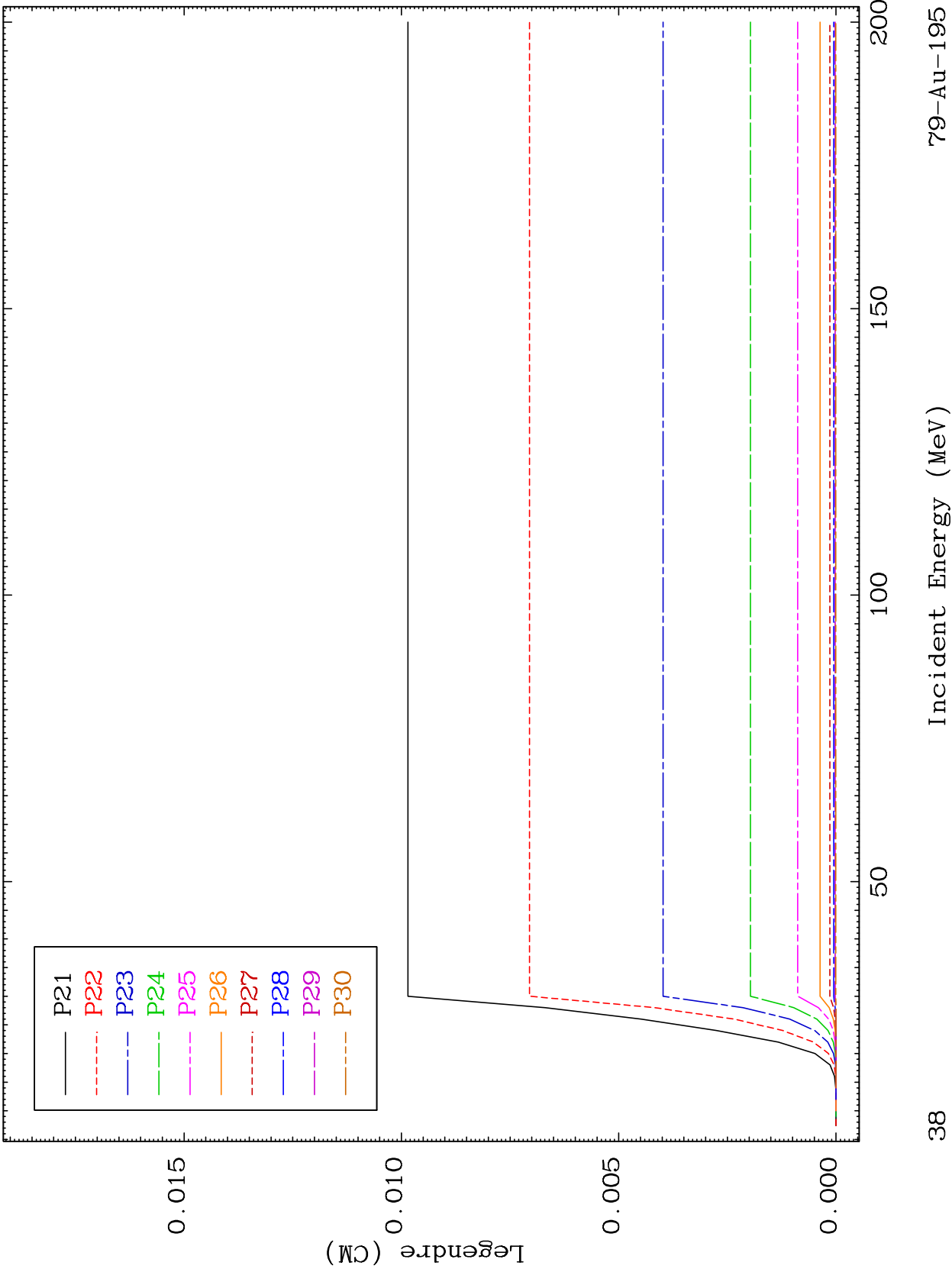
79-Au-195

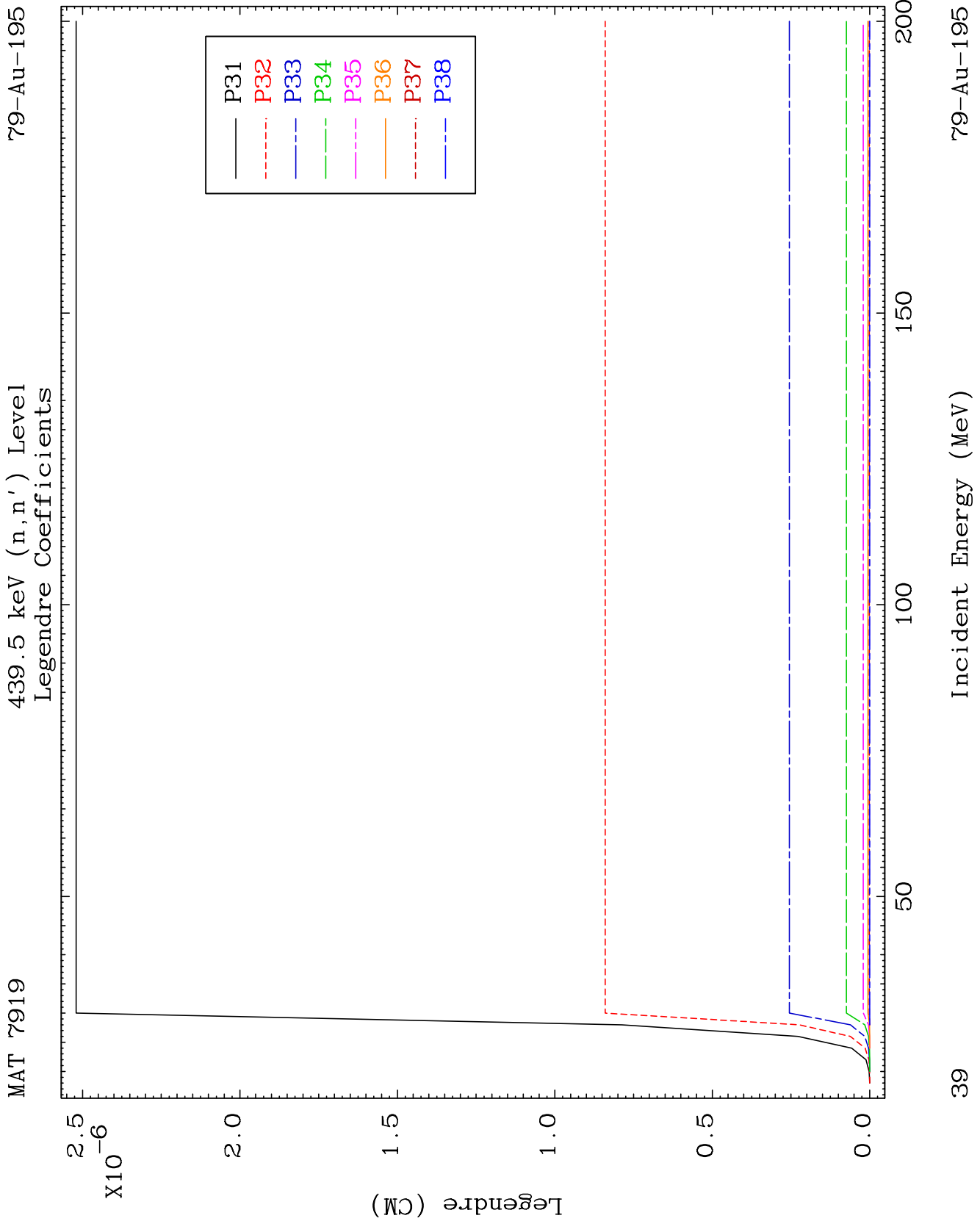


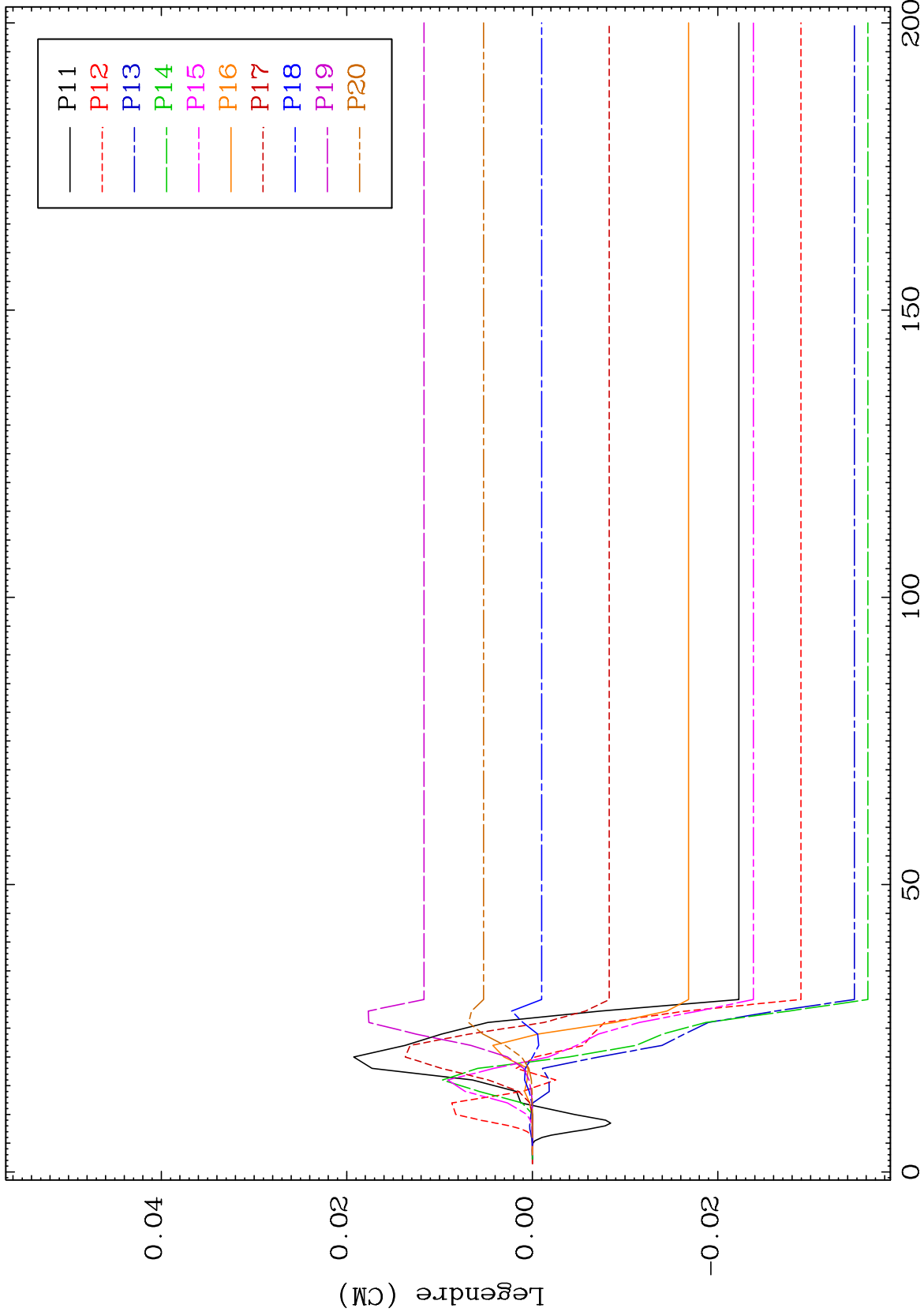
37

Incident Energy (MeV)

79-Au-195



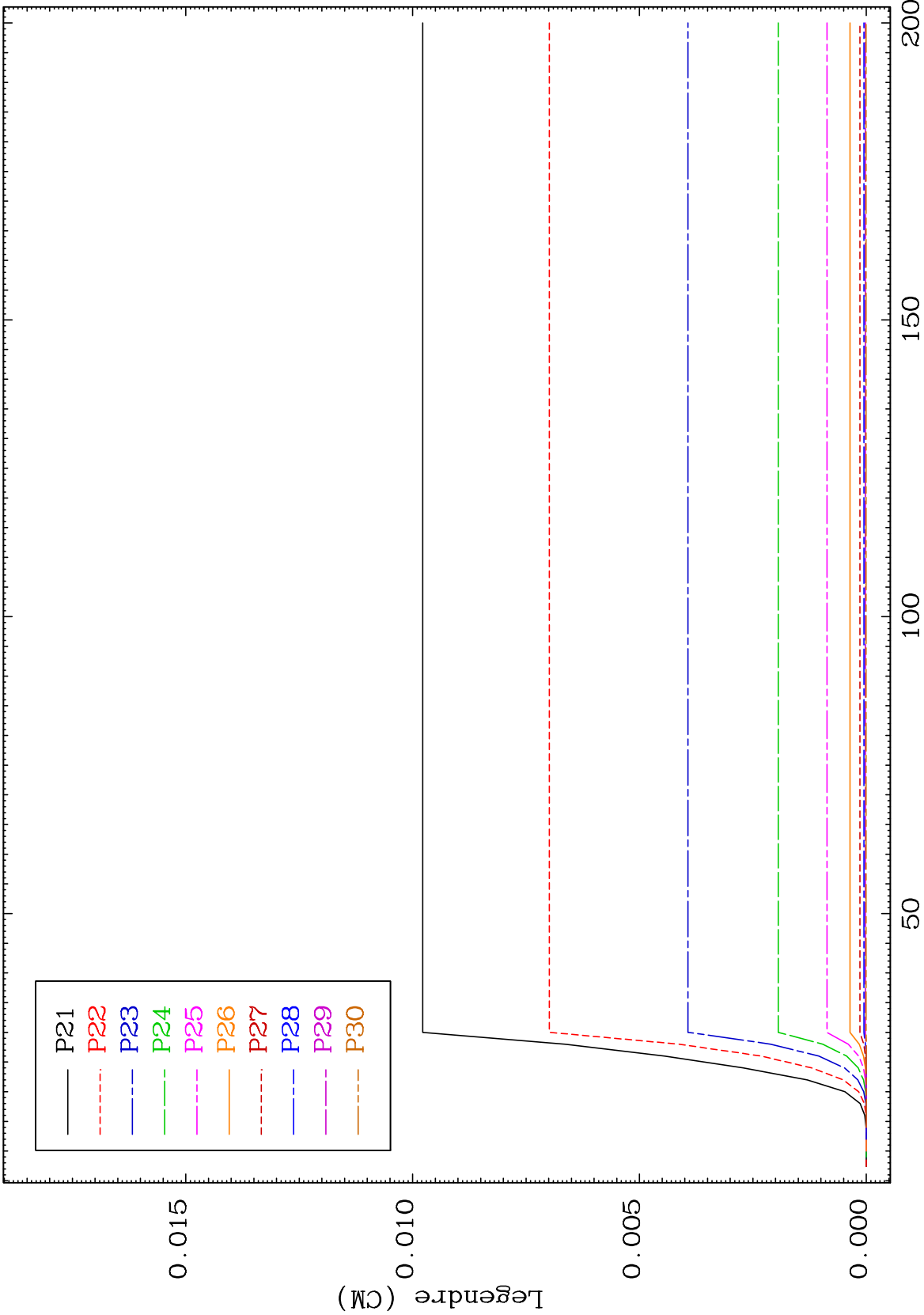




MAT 7919

525.6 keV (n,n') Level
Legendre Coefficients

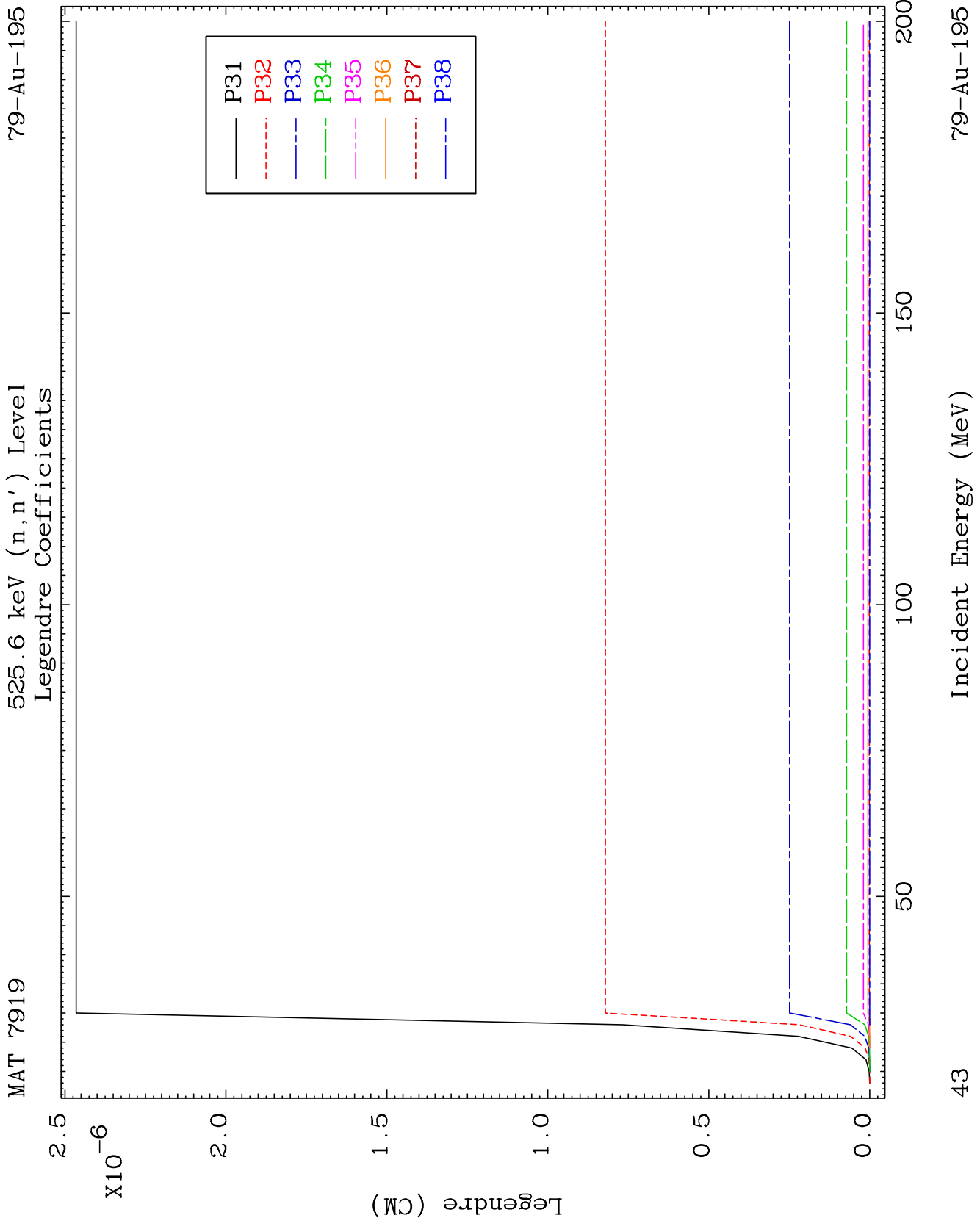
79-Au-195



42

Incident Energy (MeV)

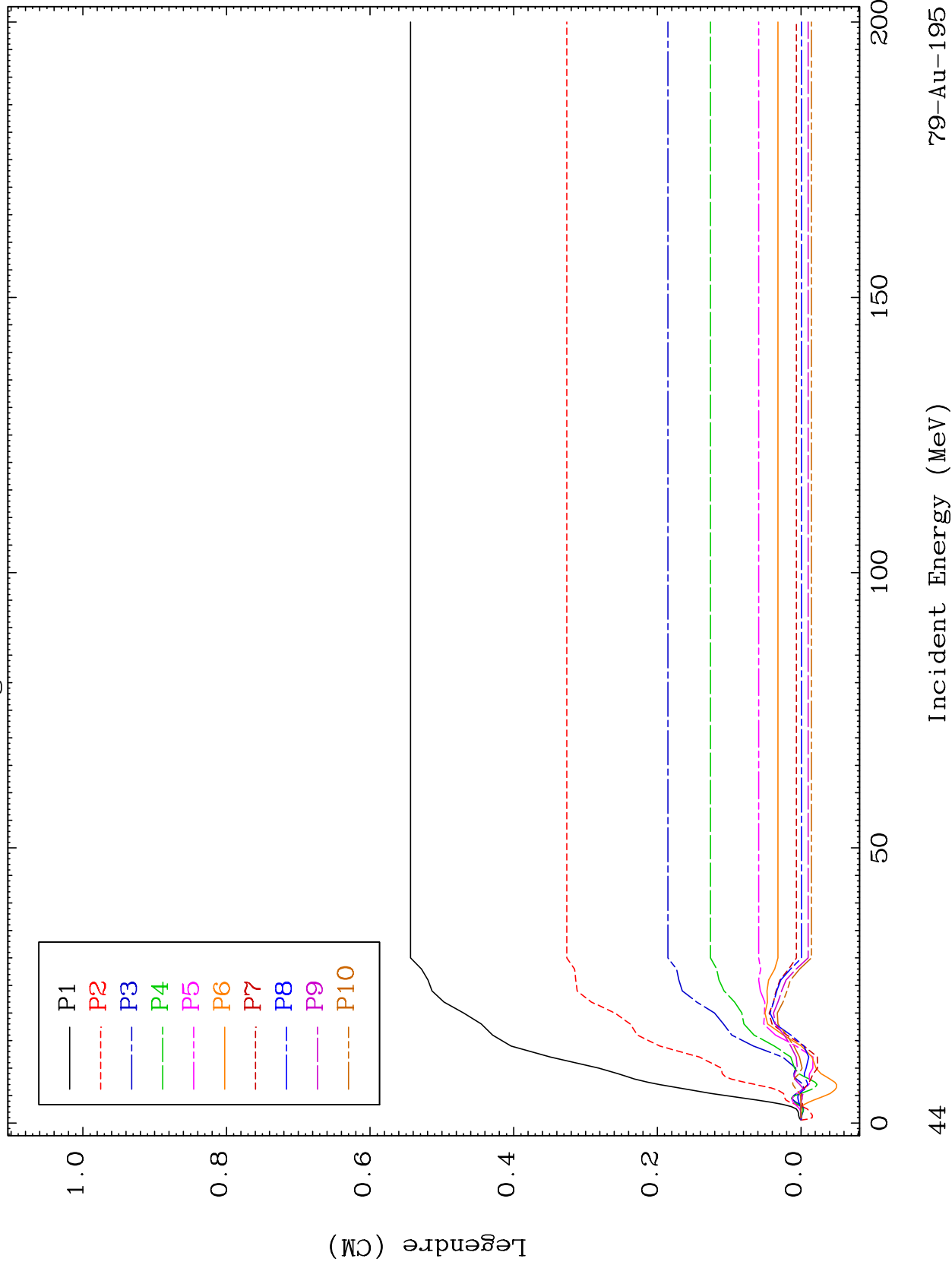
79-Au-195



MAT 7919

549.4 keV (n,n') Level
Legendre Coefficients

79-Au-195



79-Au-195

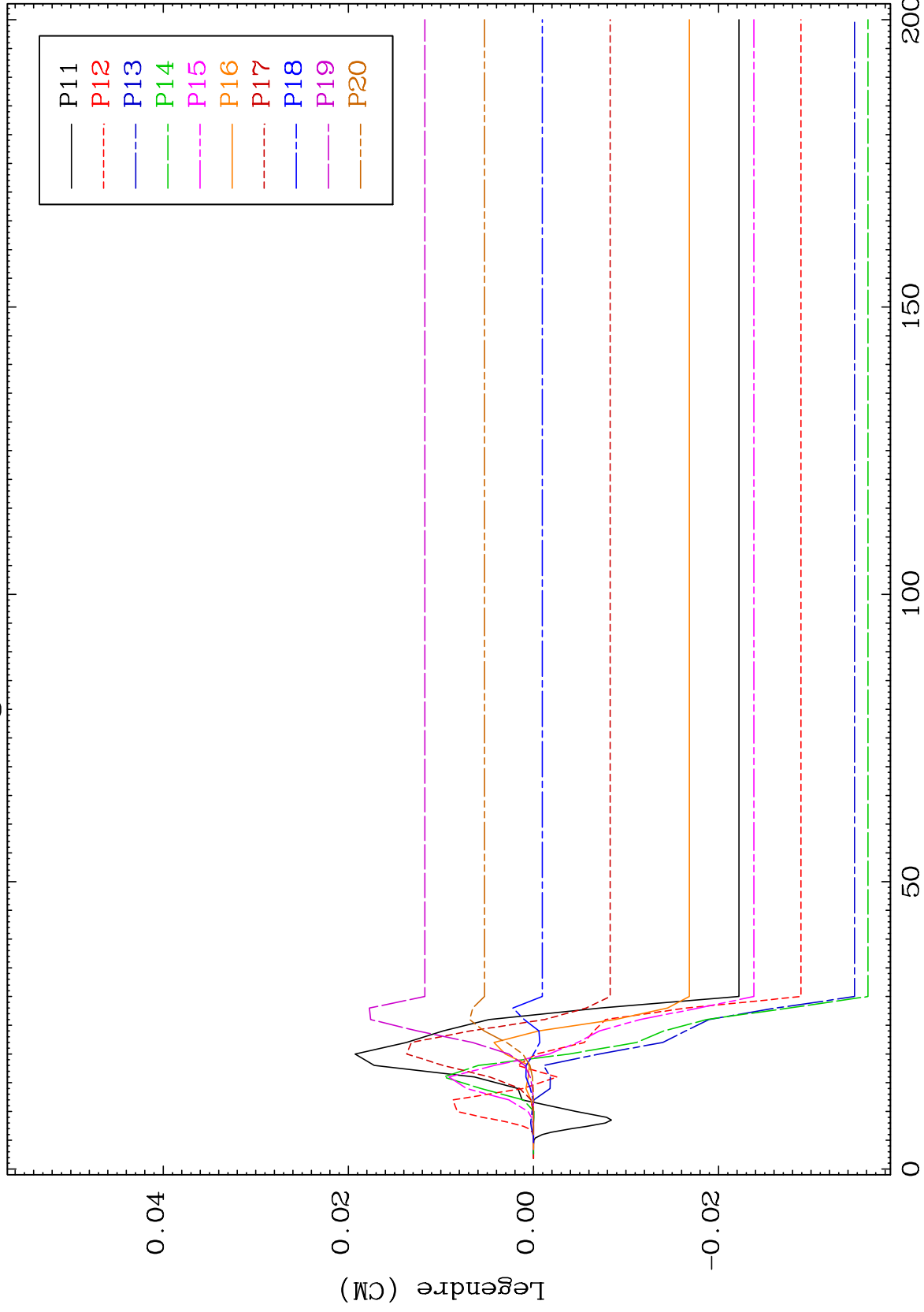
Incident Energy (MeV)

44

MAT 7919

549.4 keV (n,n') Level
Legendre Coefficients

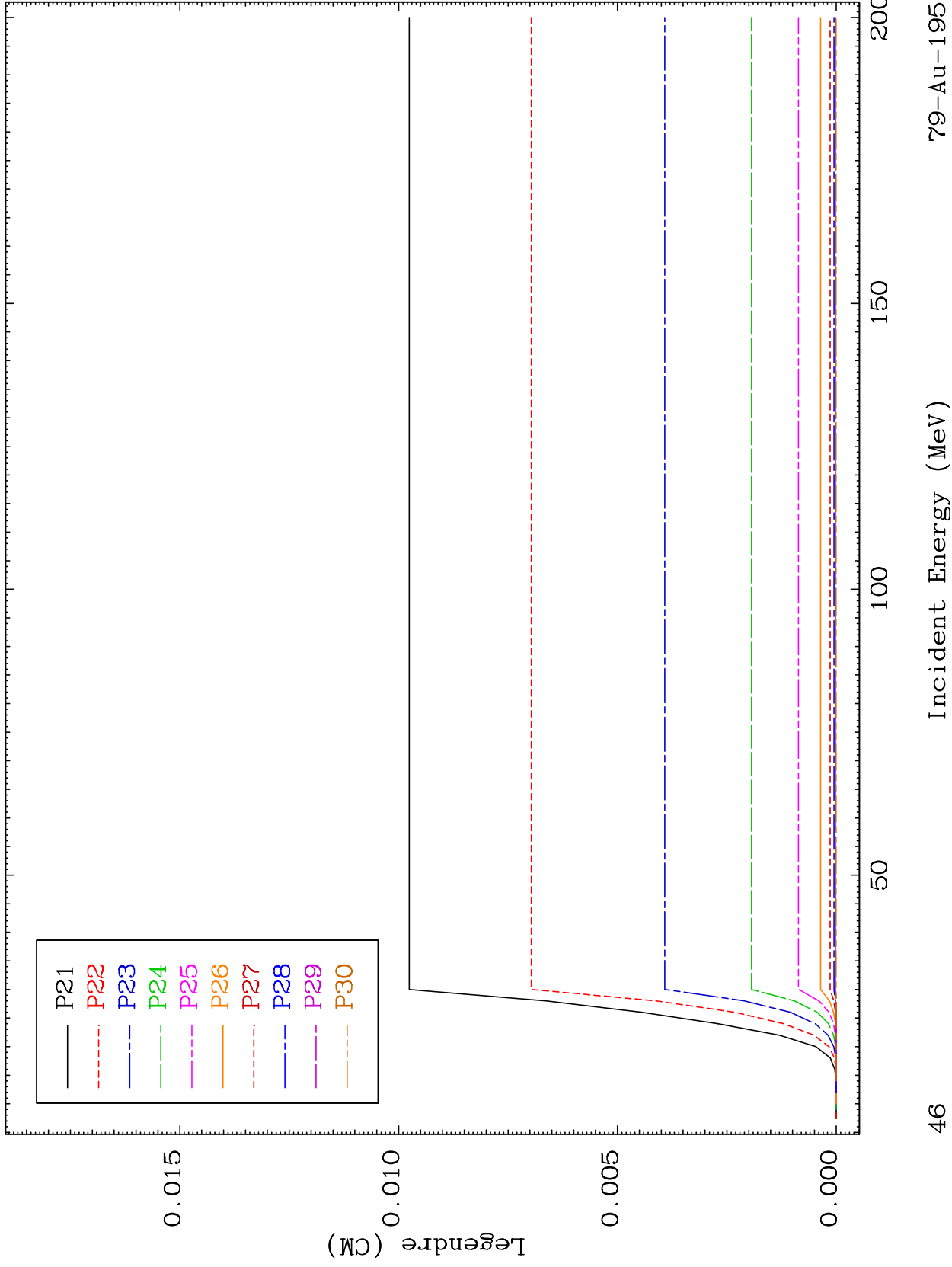
79-Au-195



45

Incident Energy (MeV)

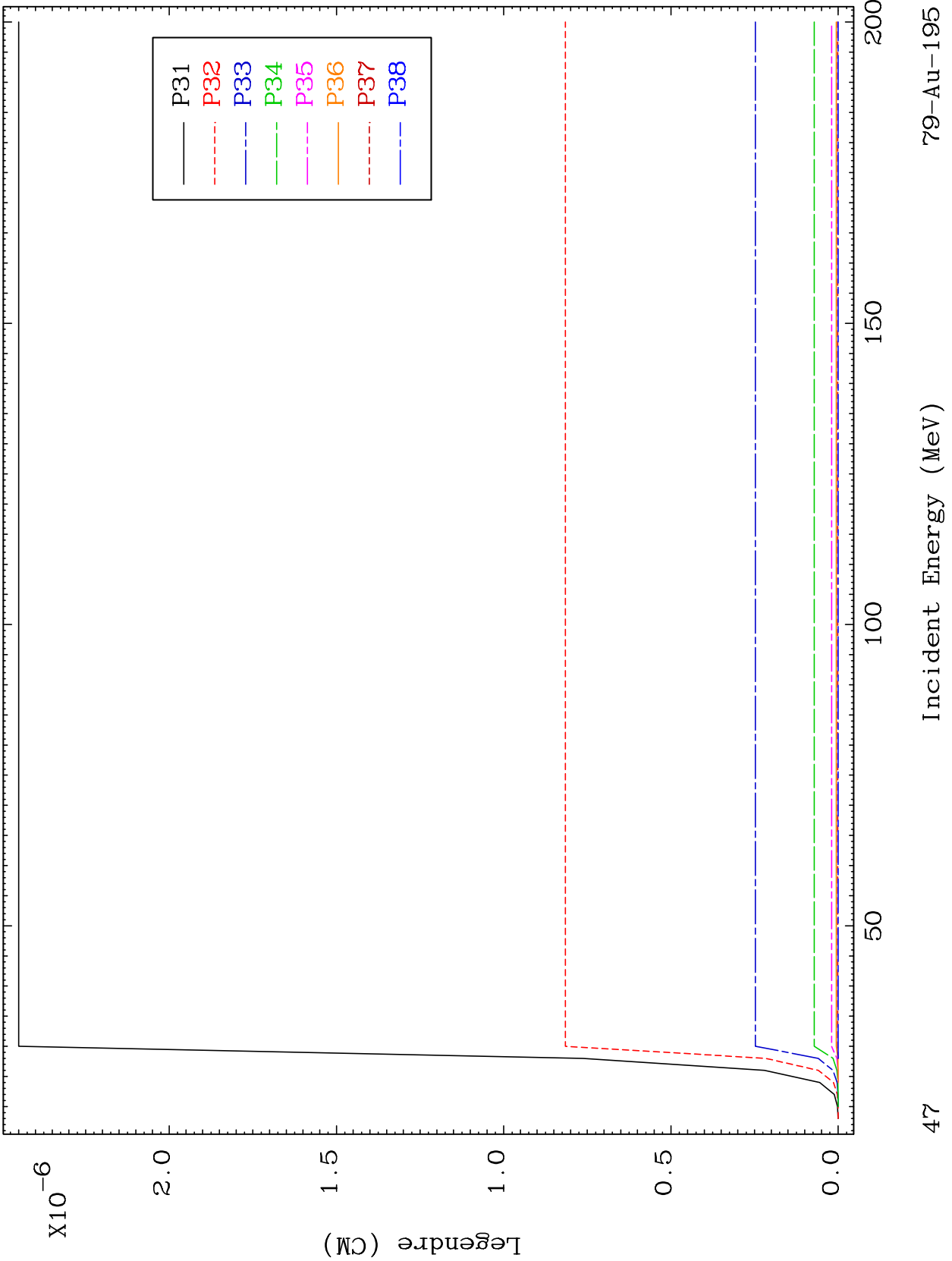
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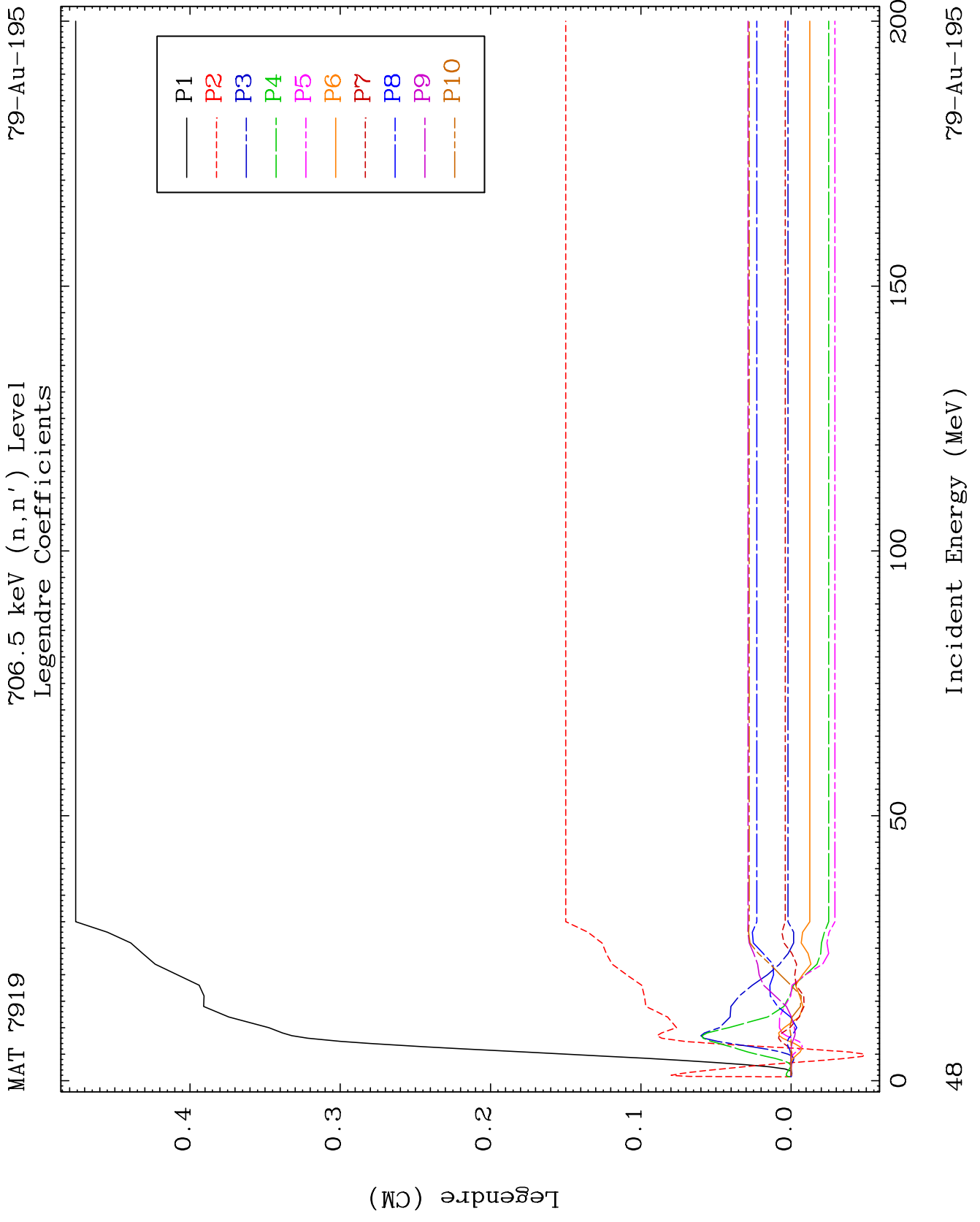


MAT 7919

549.4 keV (n,n') Level
Legendre Coefficients

79-Au-195

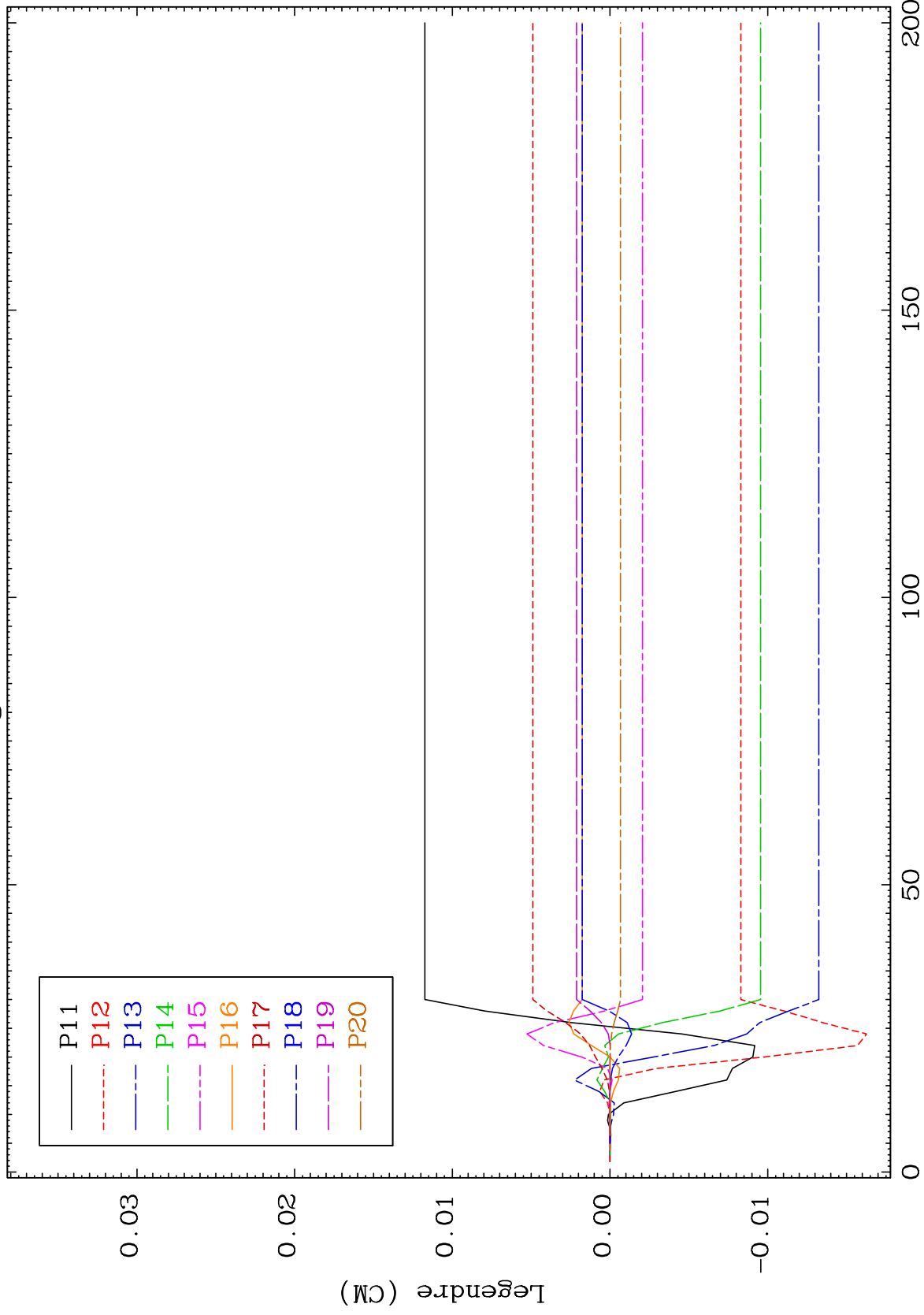




MAT 7919

706.5 keV (n,n') Level
Legendre Coefficients

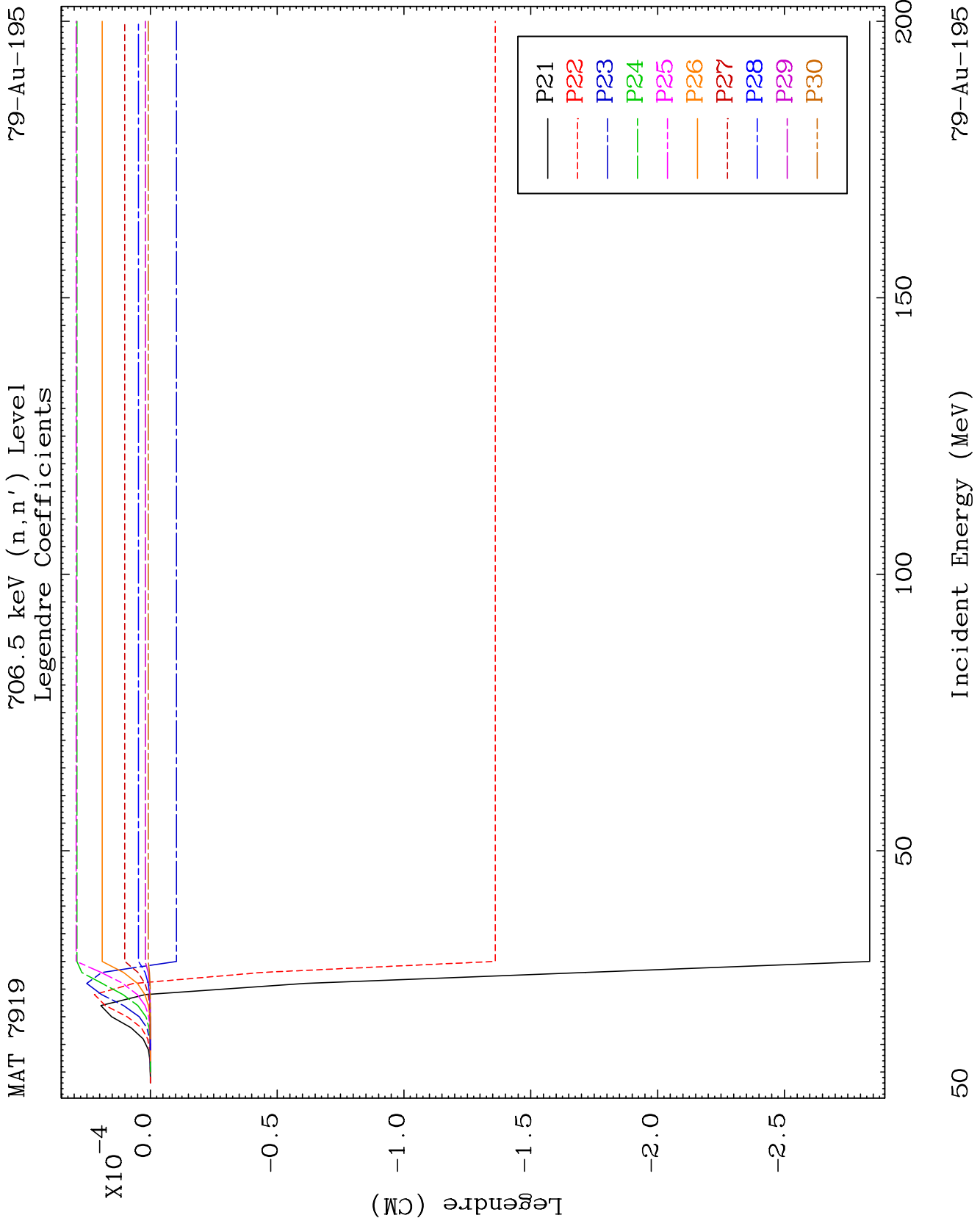
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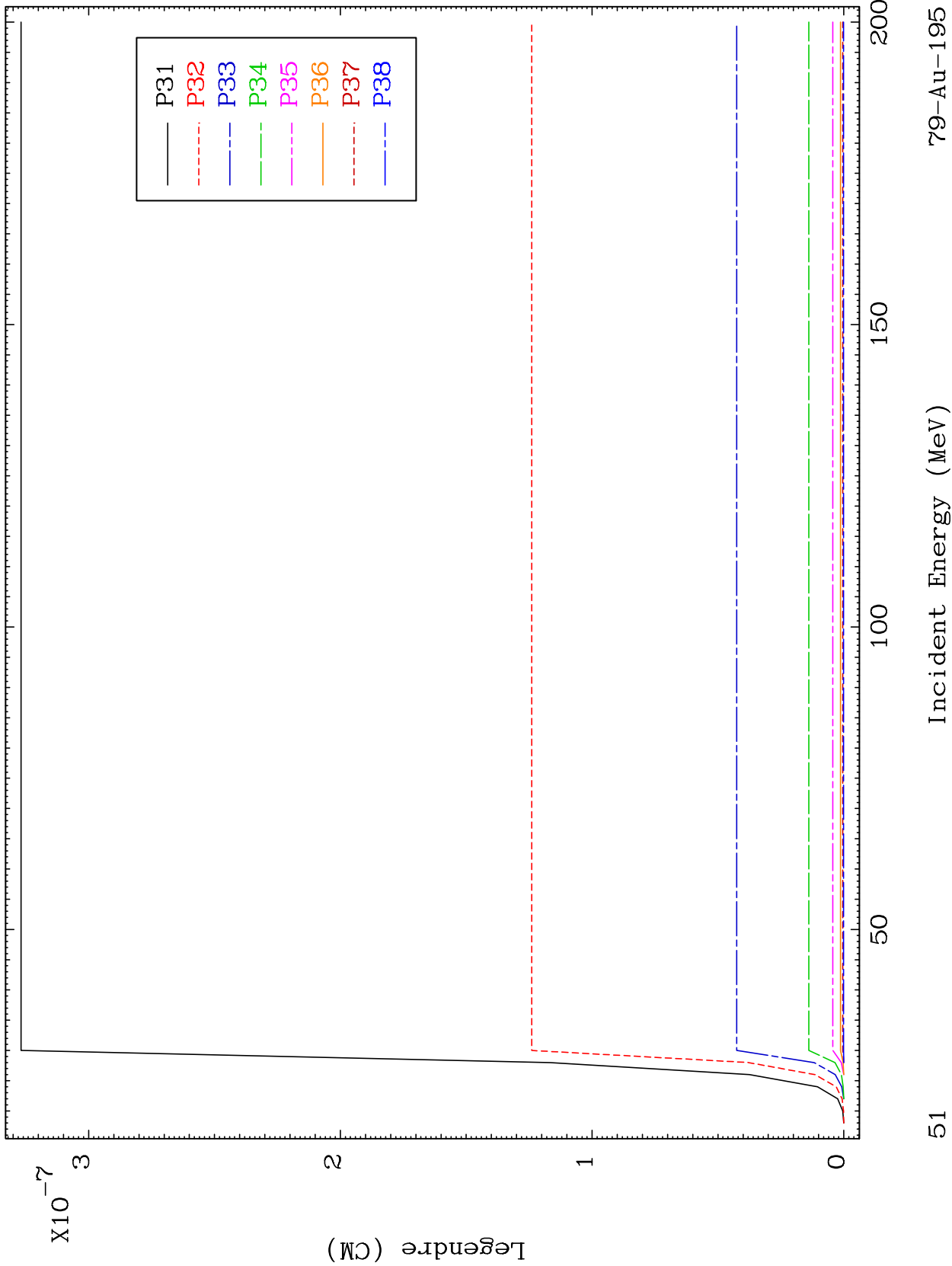


49

Incident Energy (MeV)

79-Au-195

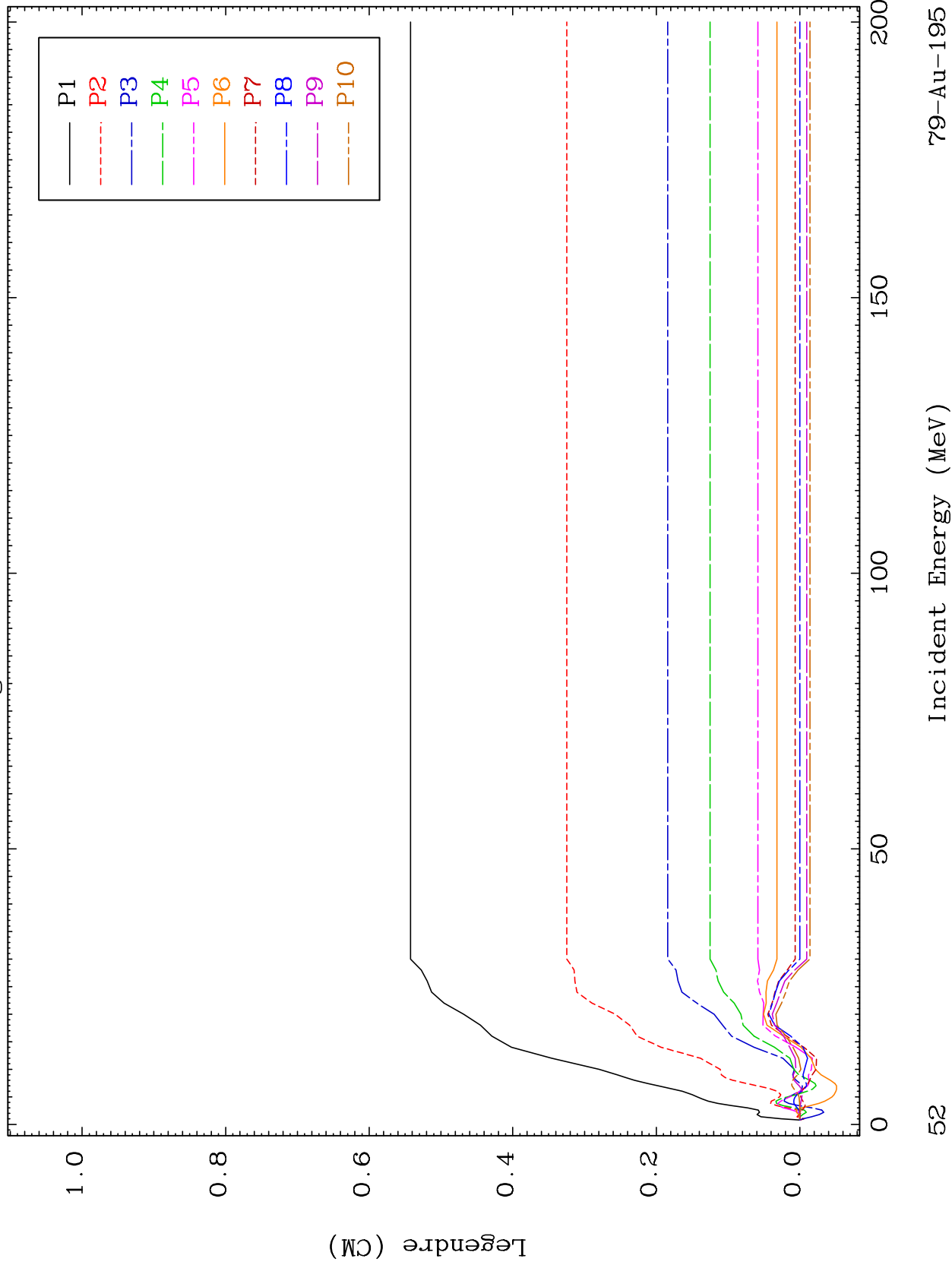




MAT 7919

778.2 keV (n,n') Level
Legendre Coefficients

79-Au-195



52

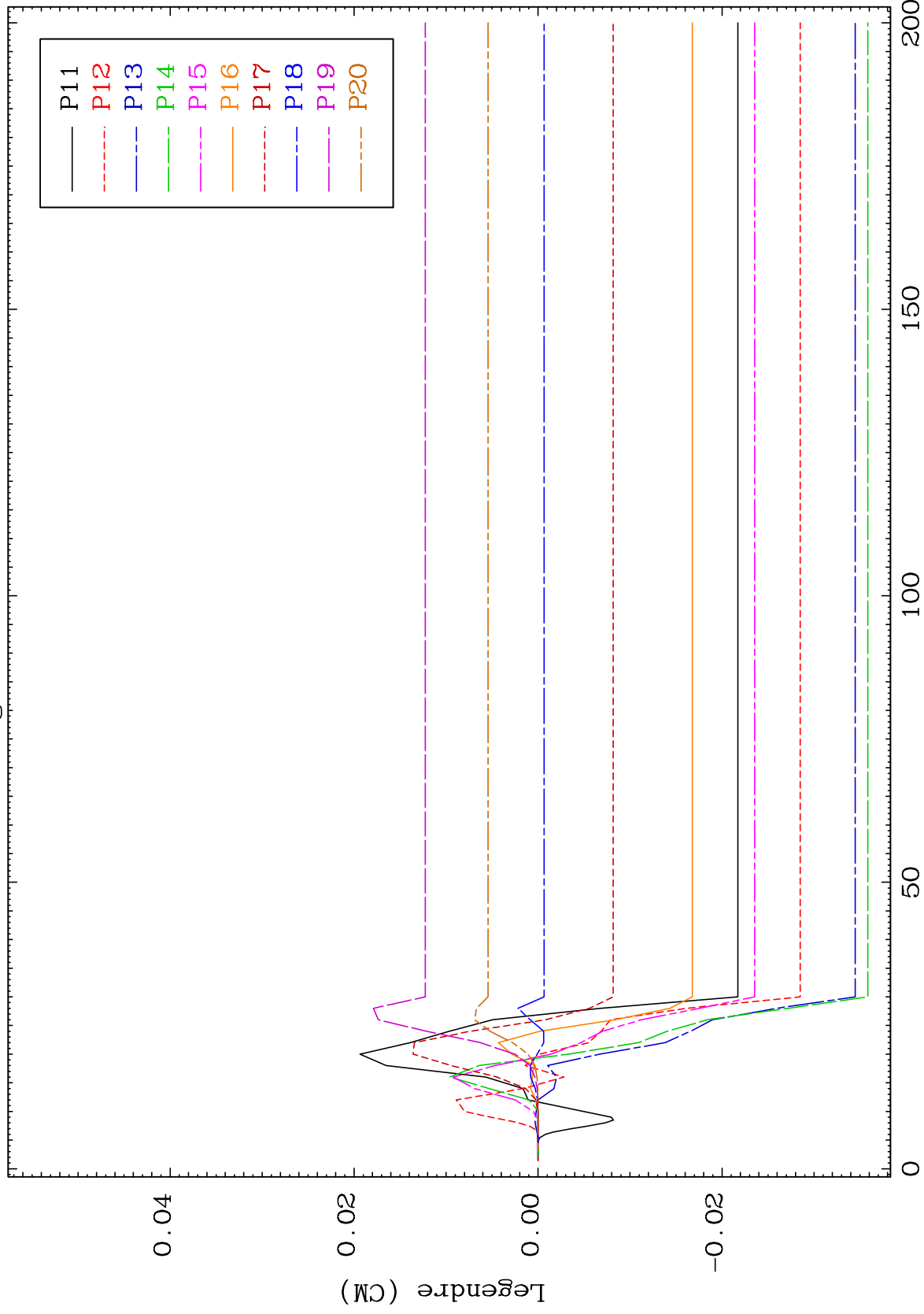
Incident Energy (MeV)

79-Au-195

MAT 7919

778.2 keV (n,n') Level
Legendre Coefficients

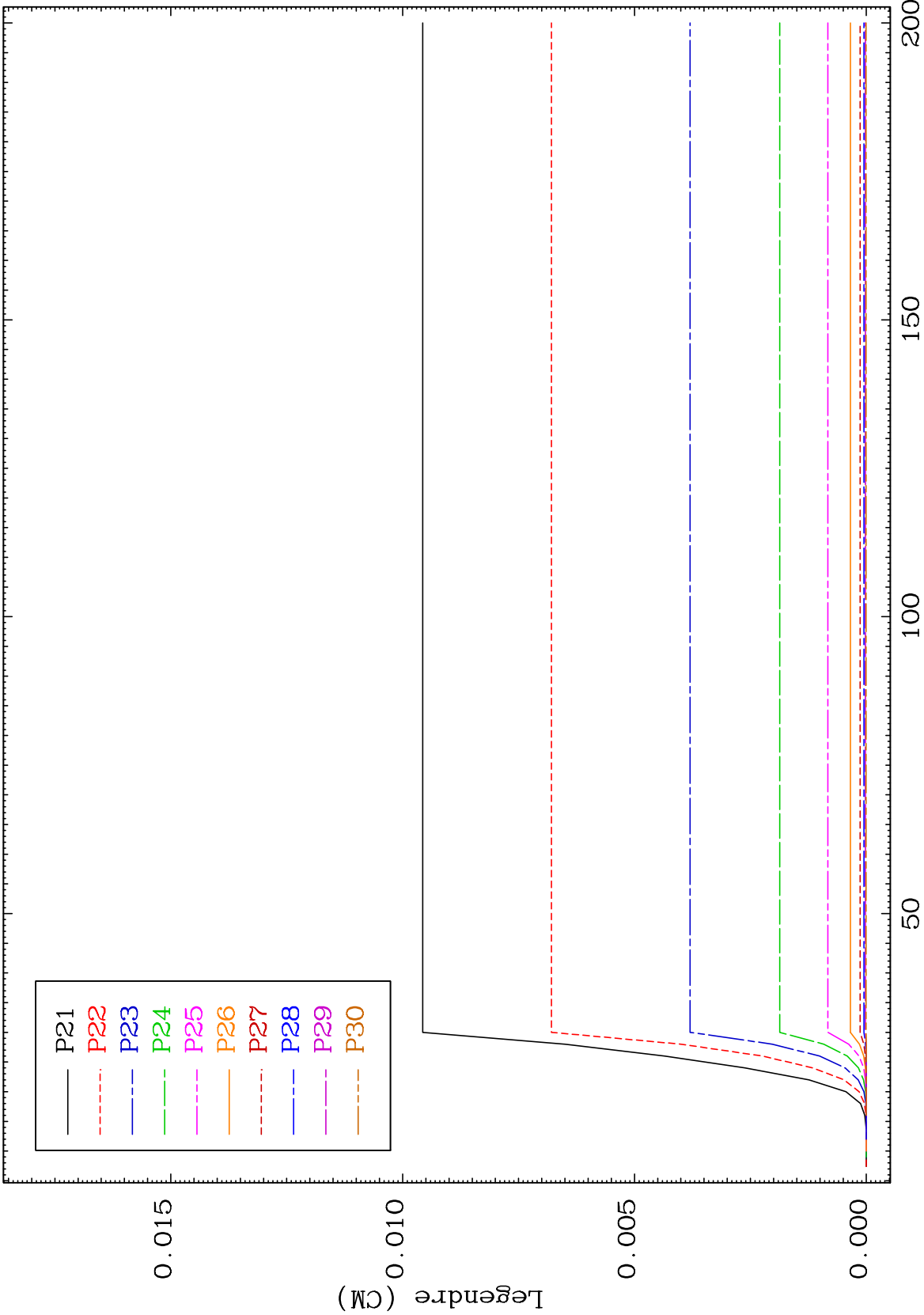
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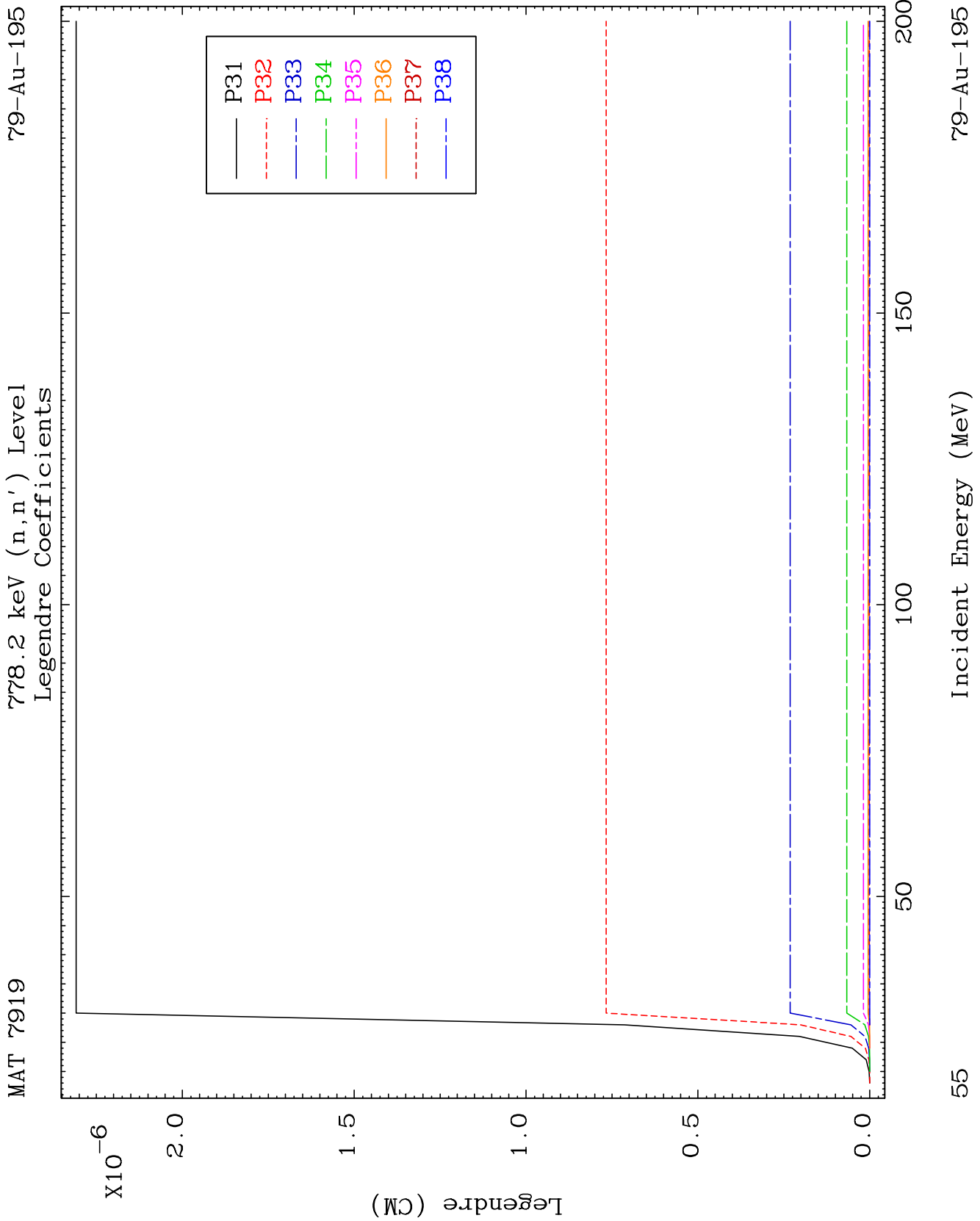


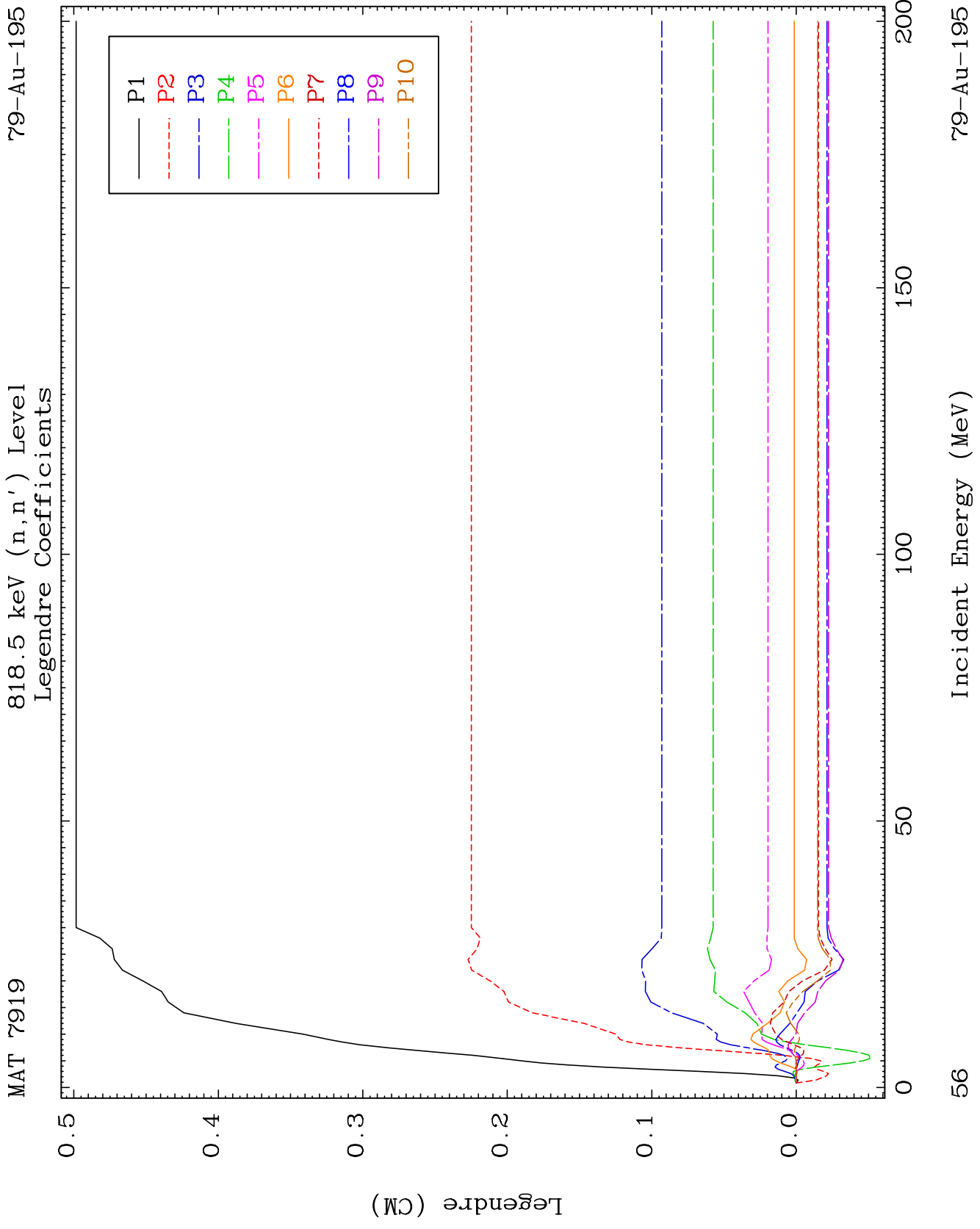
53

Incident Energy (MeV)

79-Au-195



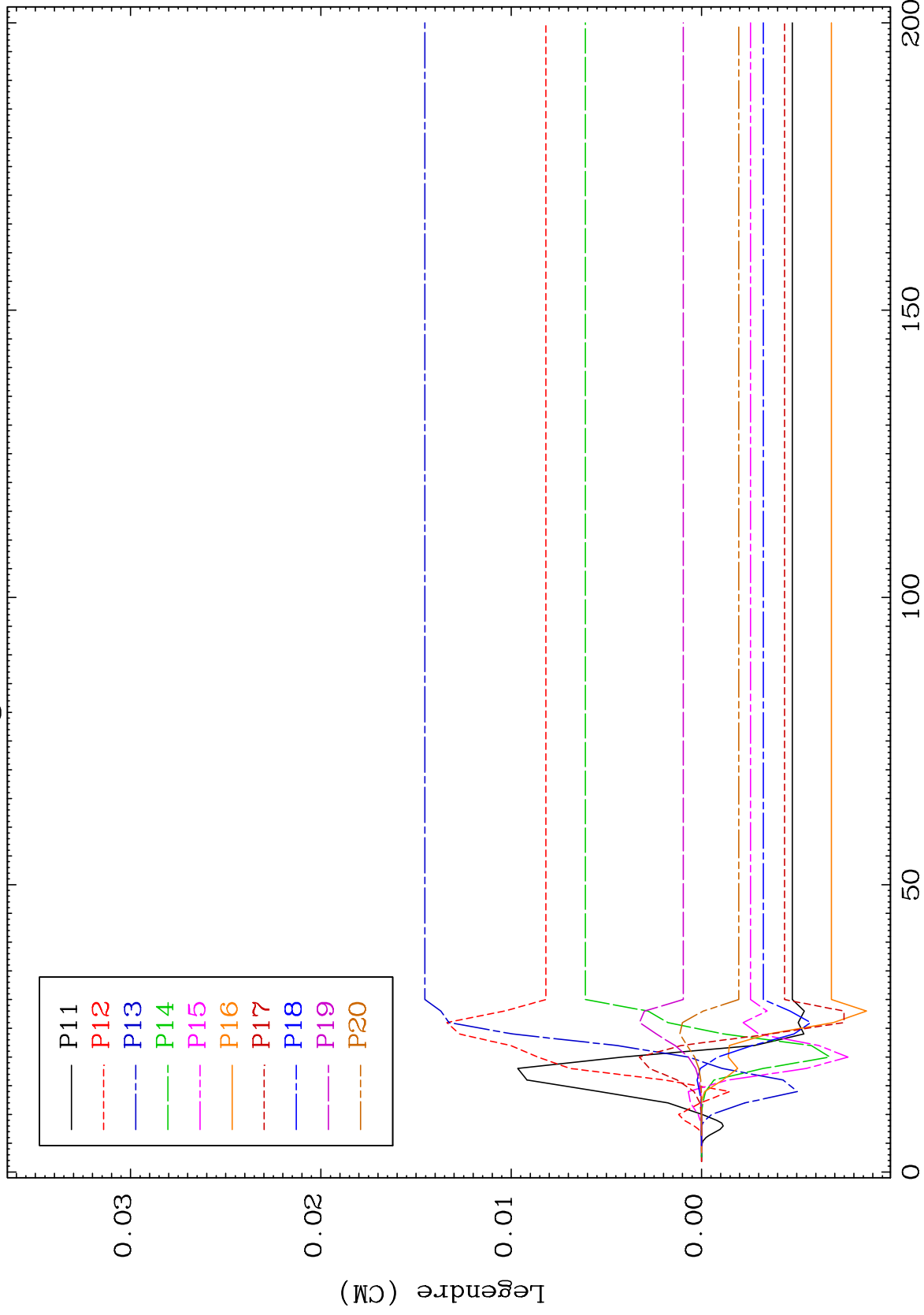




MAT 7919

818.5 keV (n,n') Level
Legendre Coefficients

79-Au-195



57

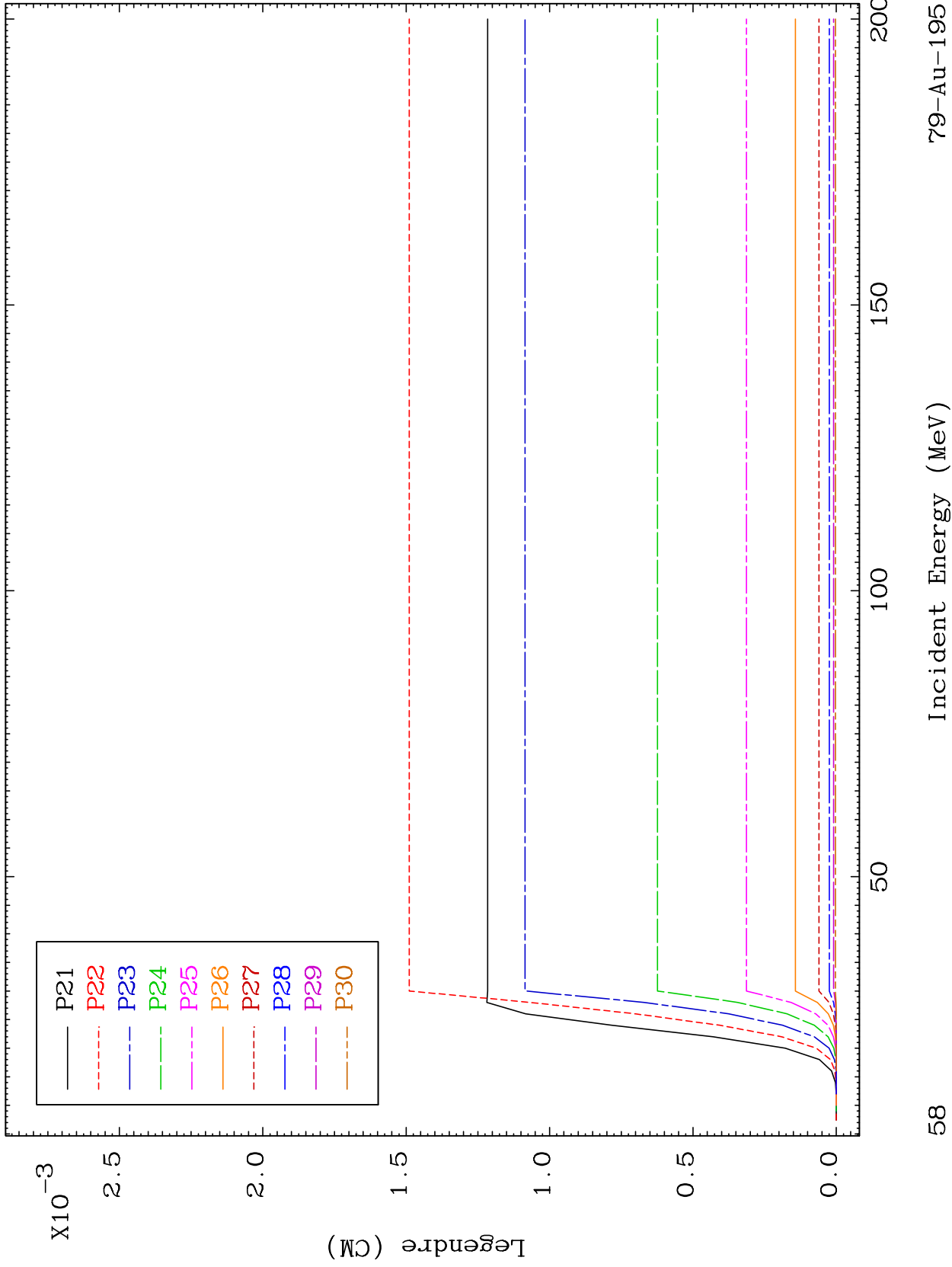
Incident Energy (MeV)

79-Au-195

MAT 7919

818.5 keV (n,n') Level
Legendre Coefficients

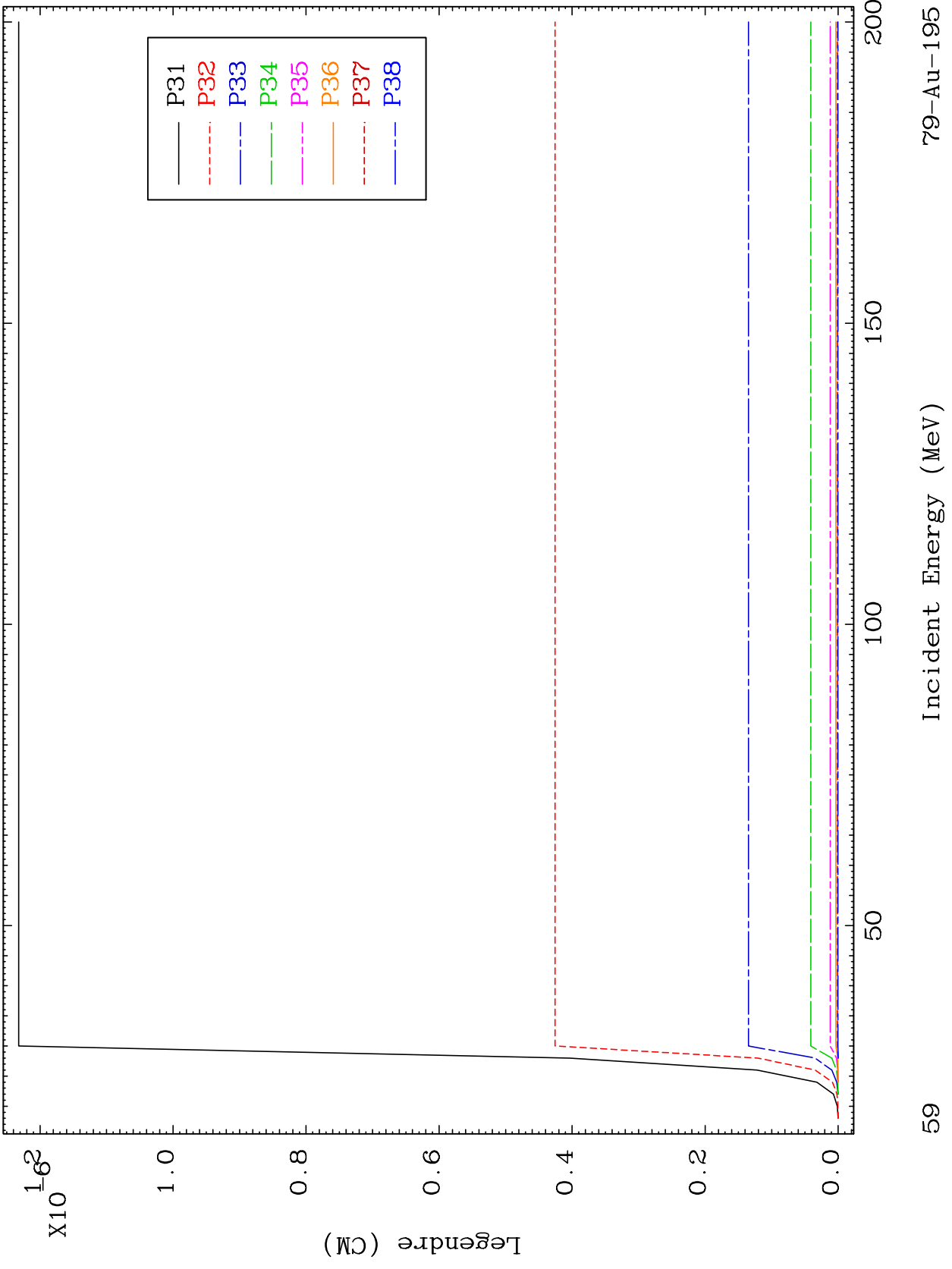
79-Au-195



58

Incident Energy (MeV)

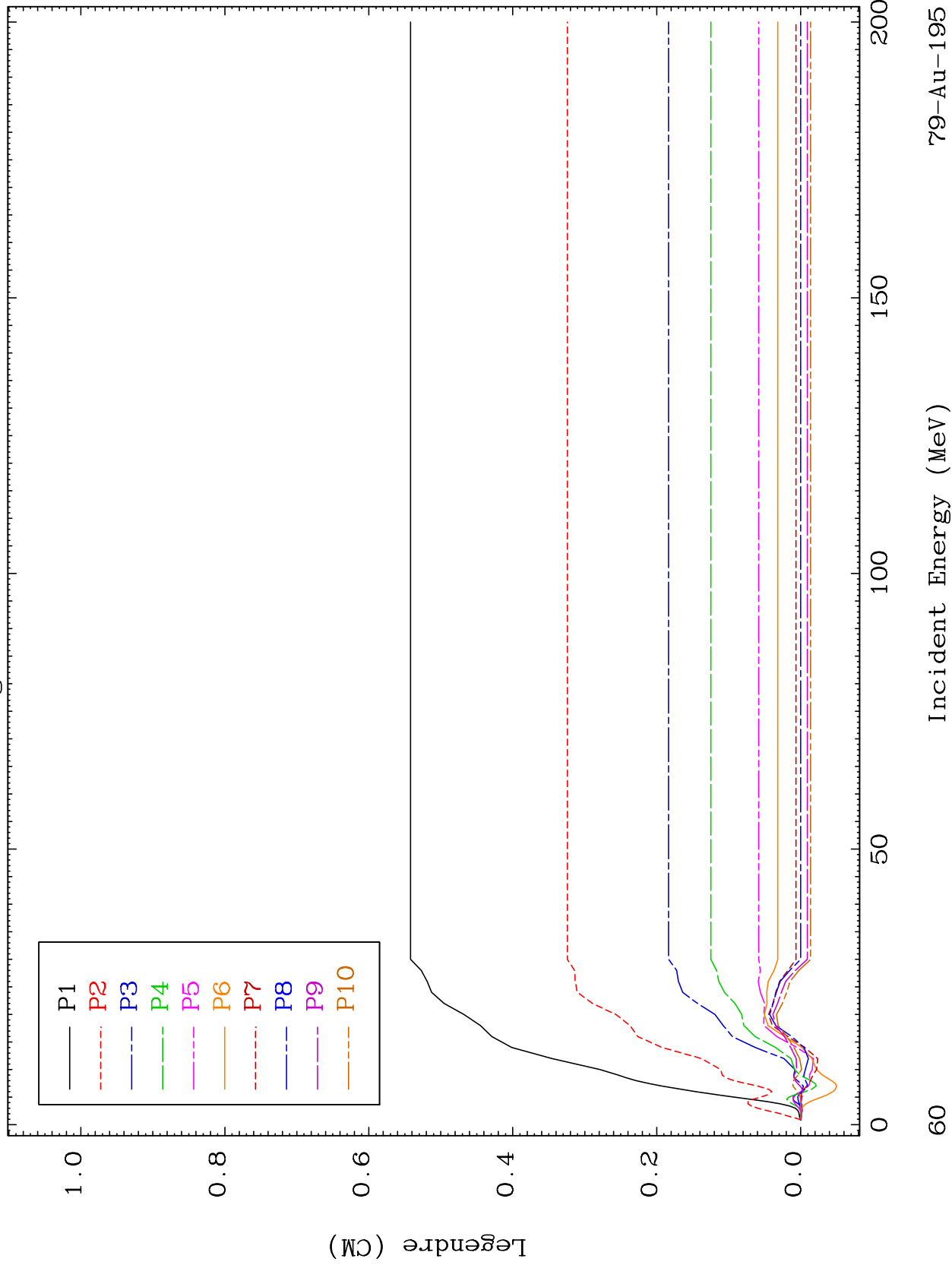
79-Au-195



MAT 7919

841.0 keV (n,n') Level
Legendre Coefficients

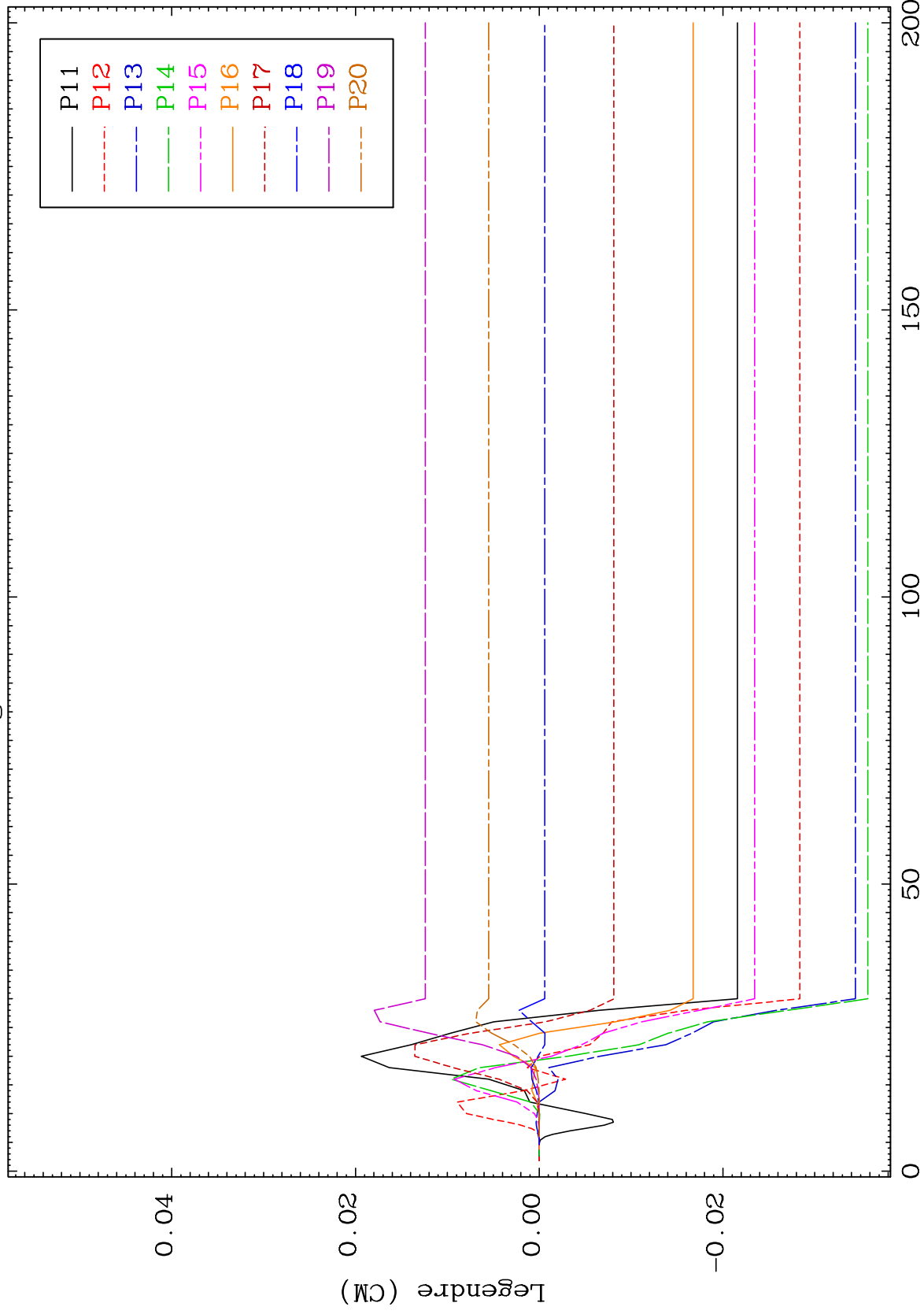
79-Au-195



MAT 7919

841.0 keV (n,n') Level
Legendre Coefficients

79-Au-195



61

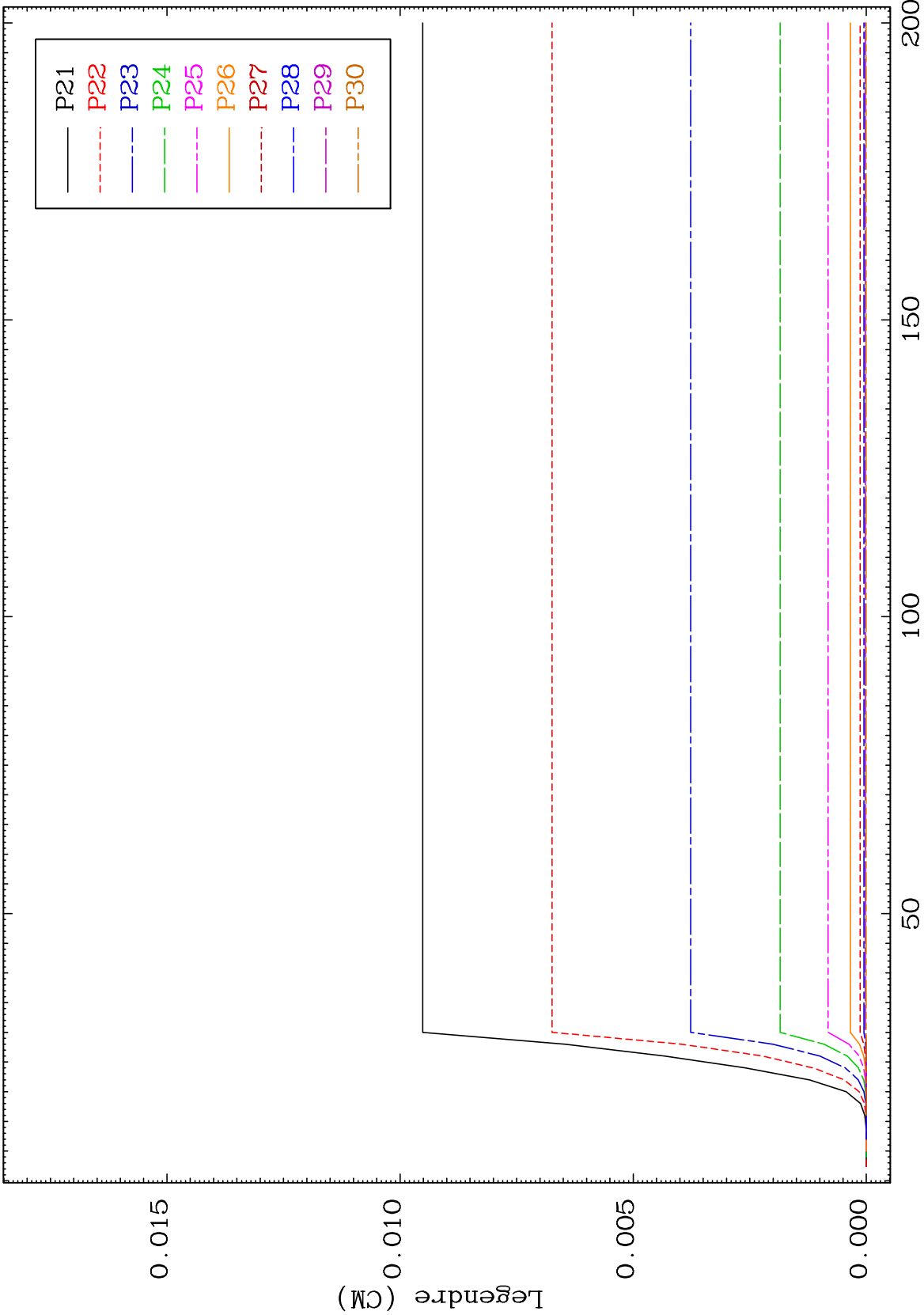
Incident Energy (MeV)

79-Au-195

MAT 7919

841.0 keV (n,n') Level
Legendre Coefficients

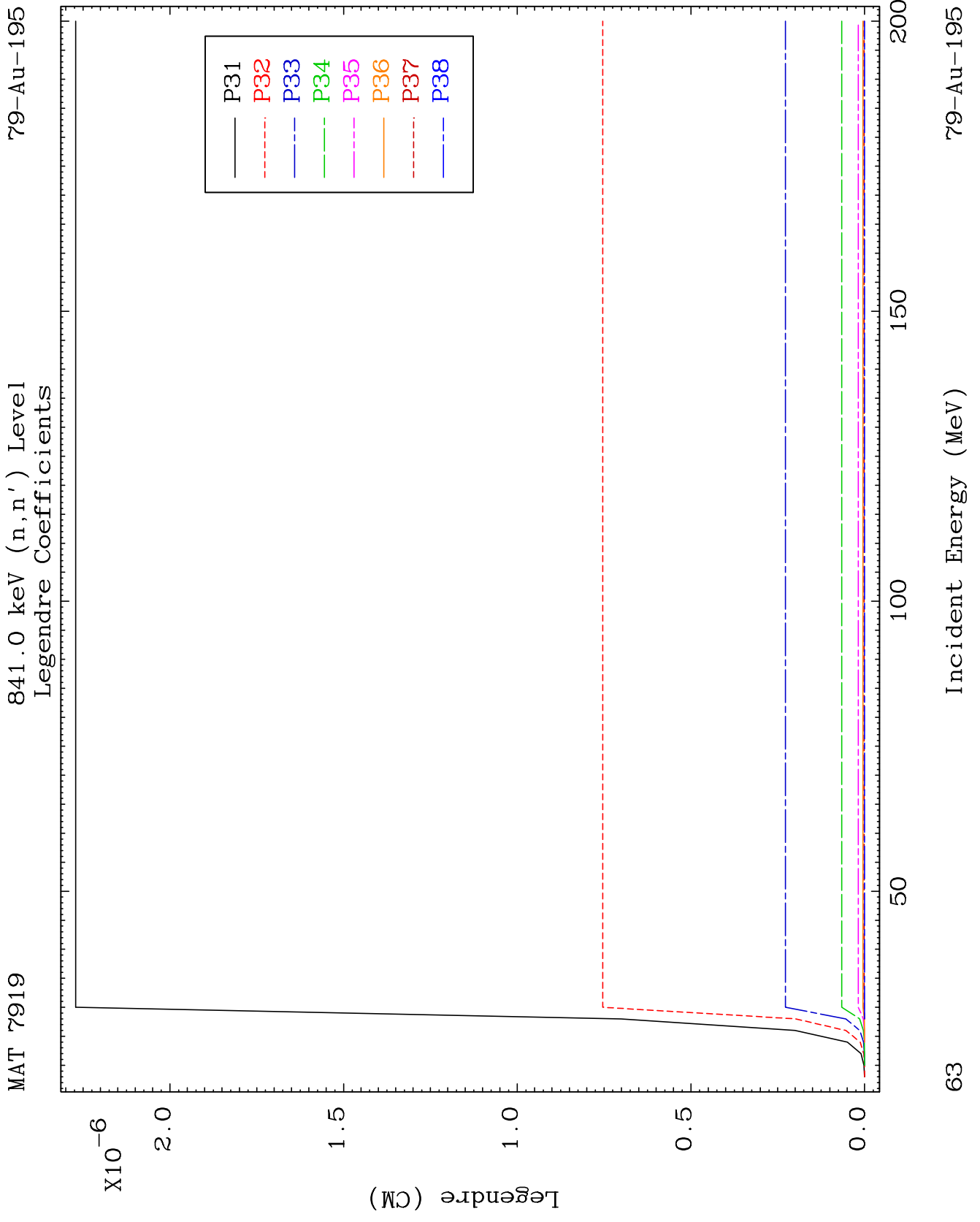
79-Au-195



62

Incident Energy (MeV)

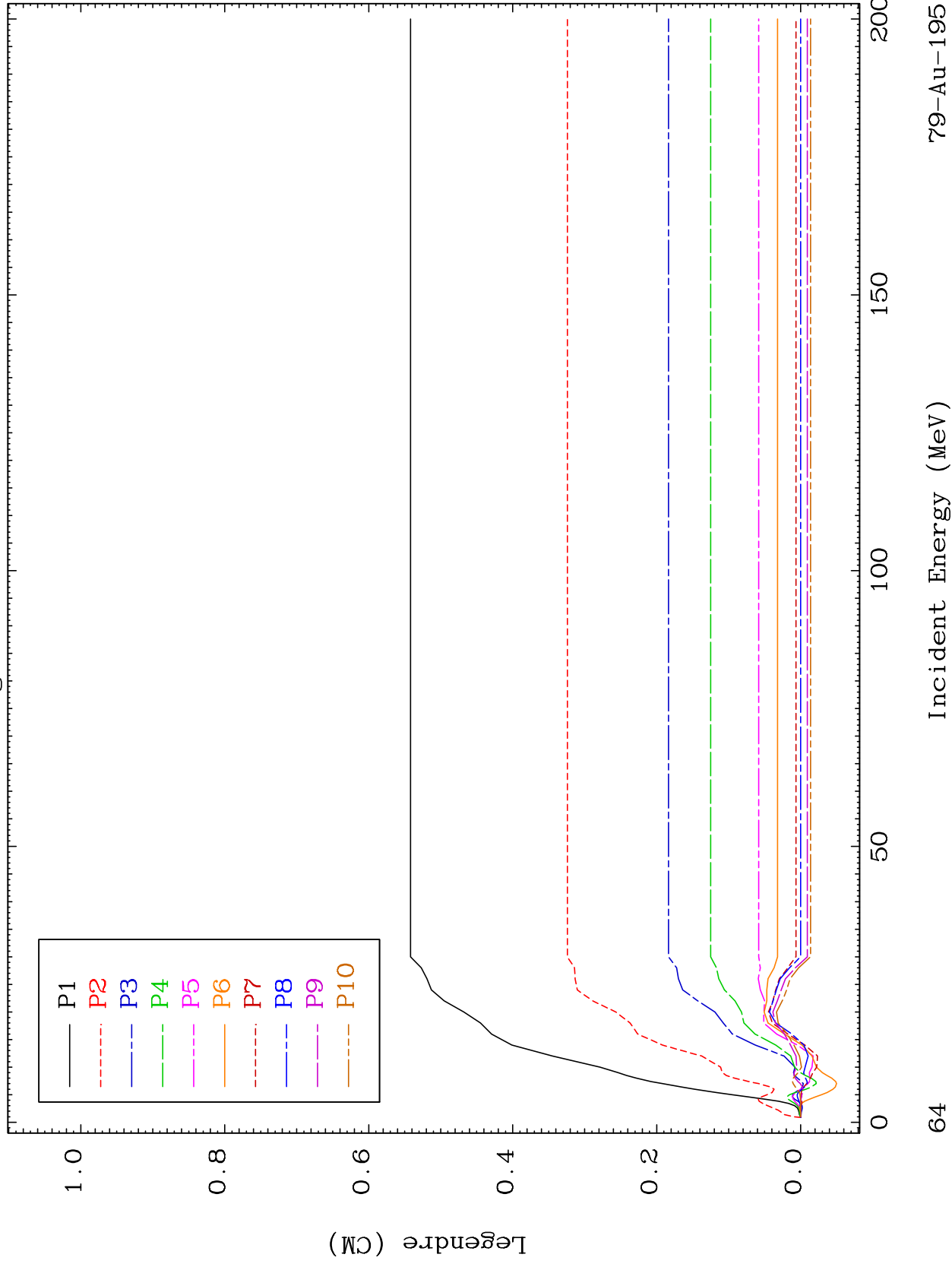
79-Au-195



MAT 7919

860.0 keV (n,n') Level
Legendre Coefficients

79-Au-195



79-Au-195

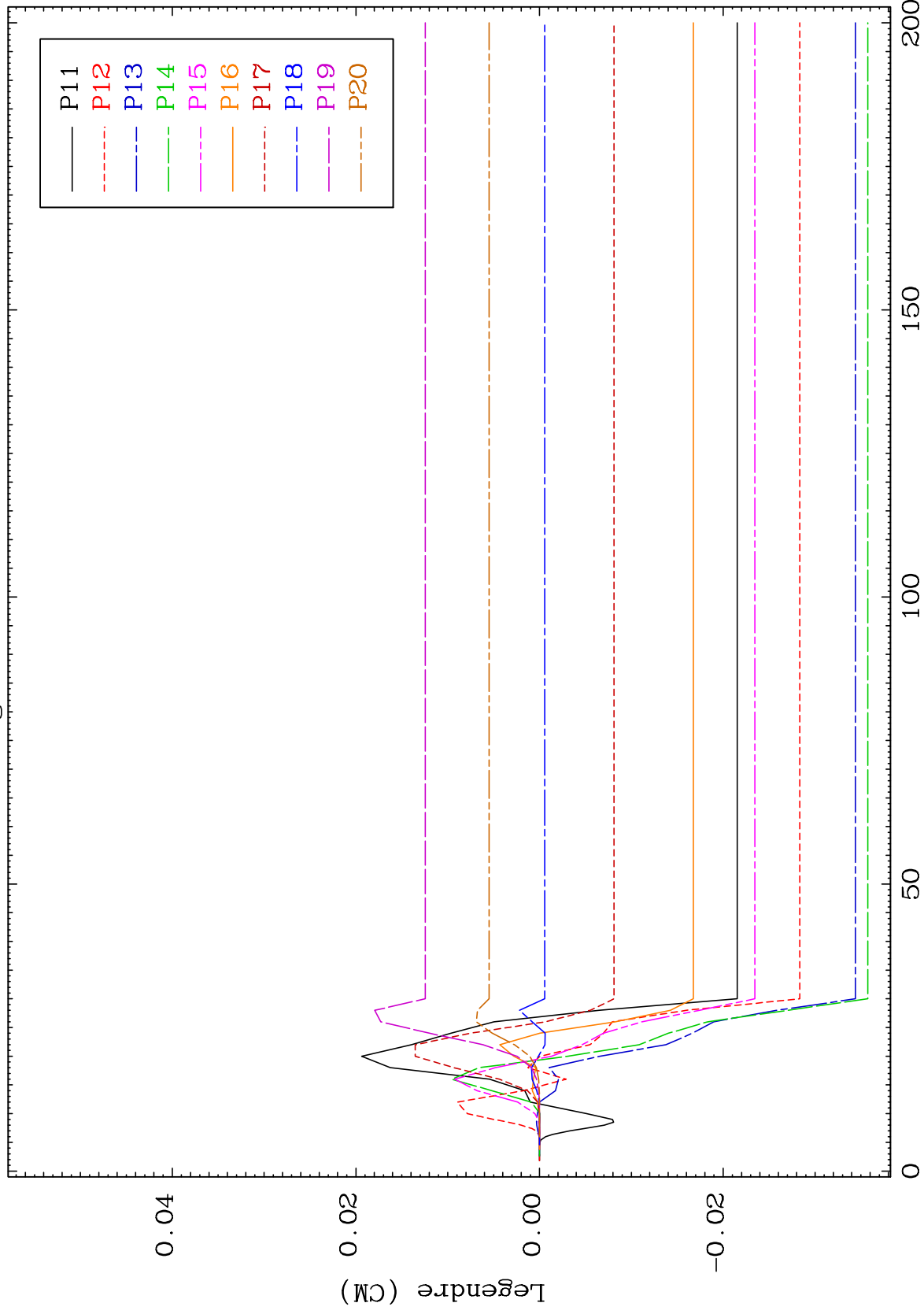
Incident Energy (MeV)

64

MAT 7919

860.0 keV (n,n') Level
Legendre Coefficients

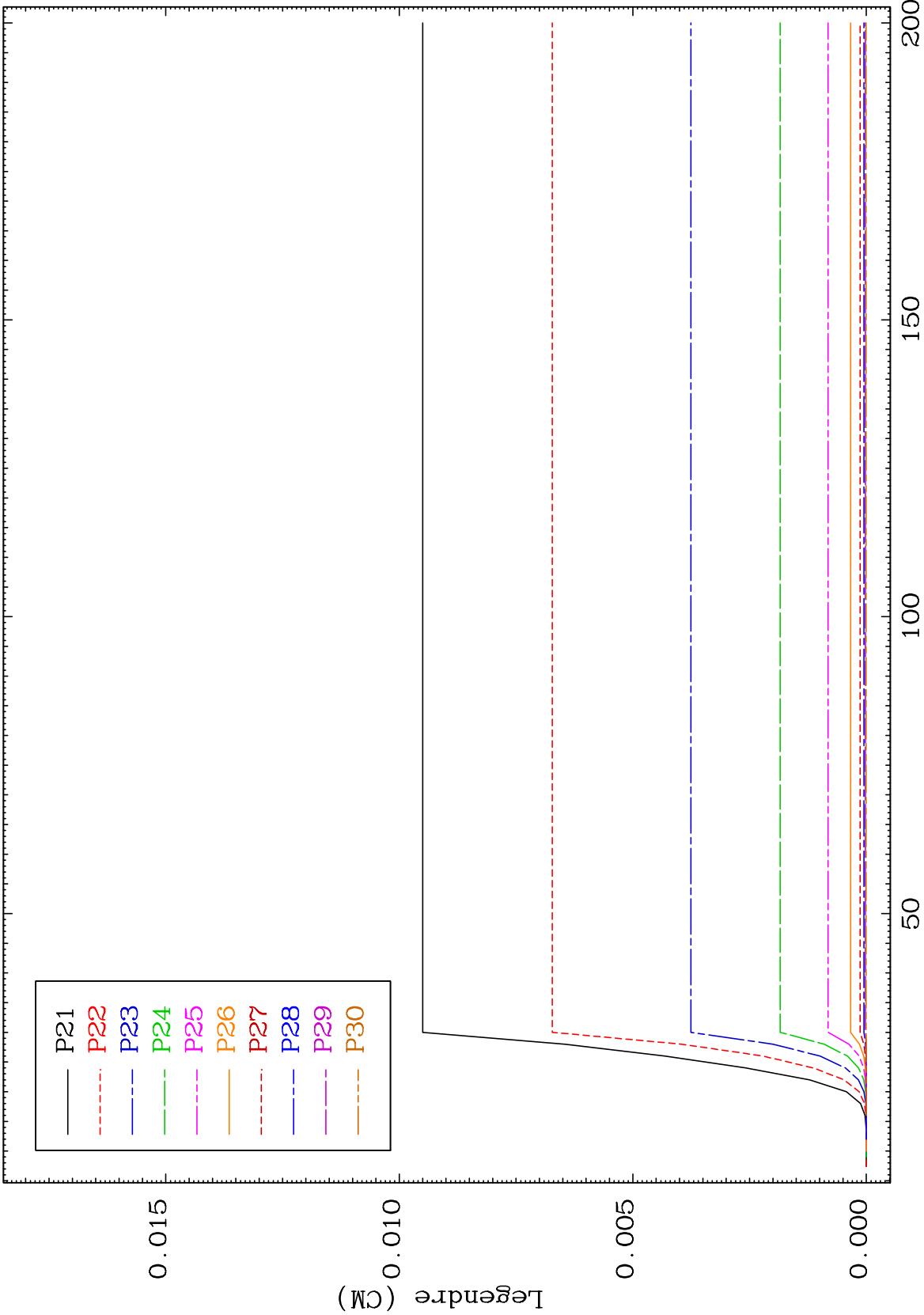
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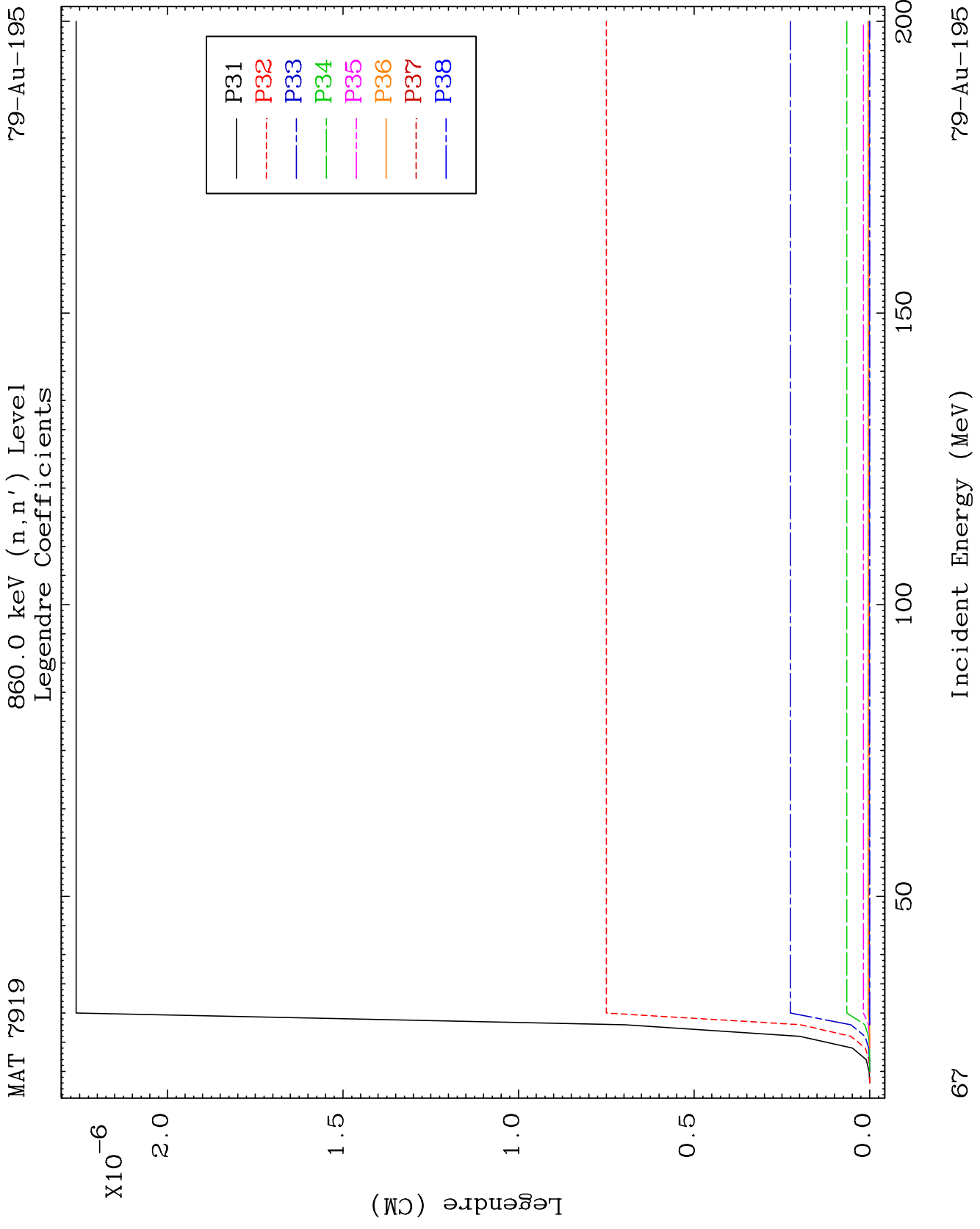


65

Incident Energy (MeV)

79-Au-195

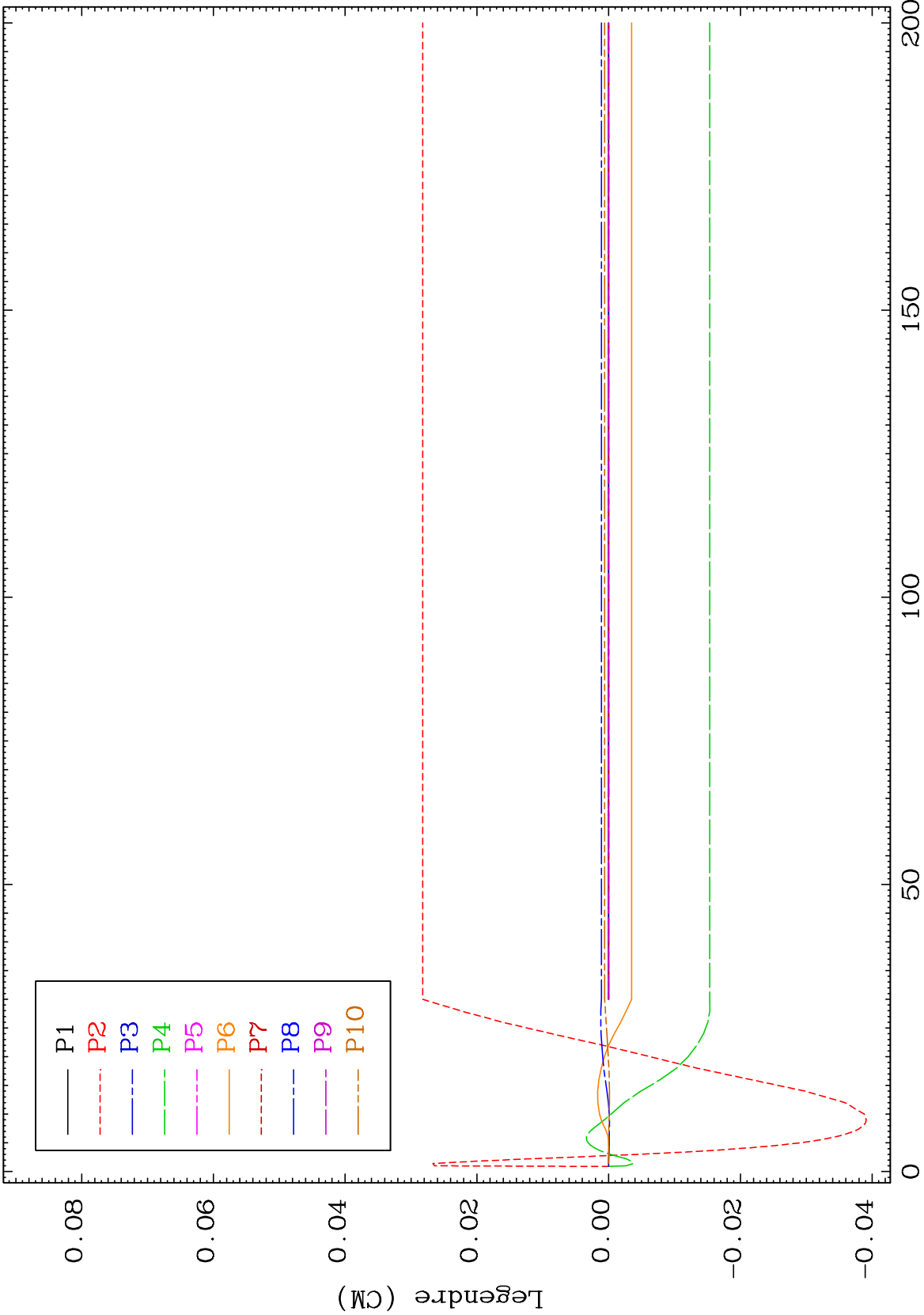




MAT 7919

878.8 keV (n,n') Level
Legendre Coefficients

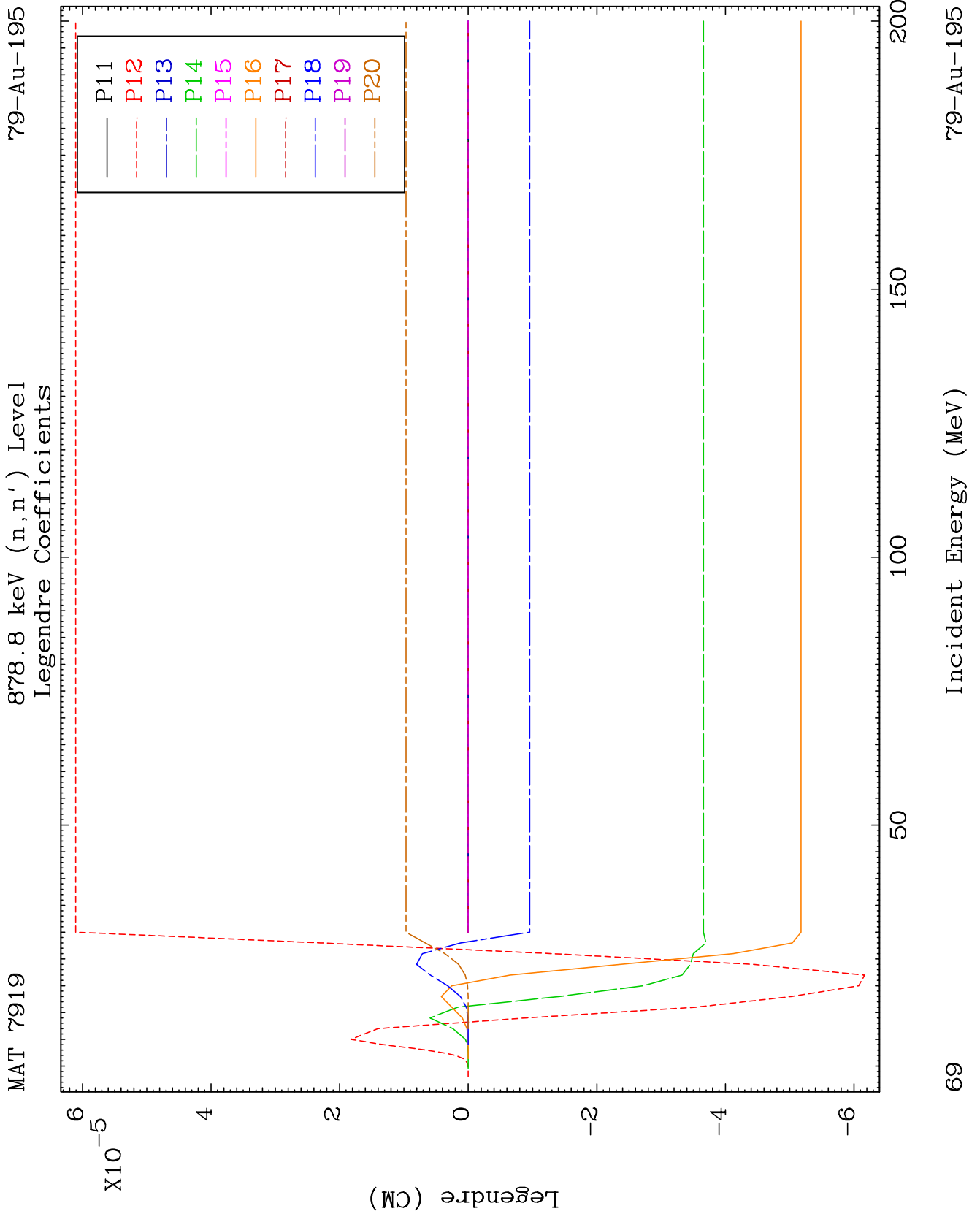
79-Au-195

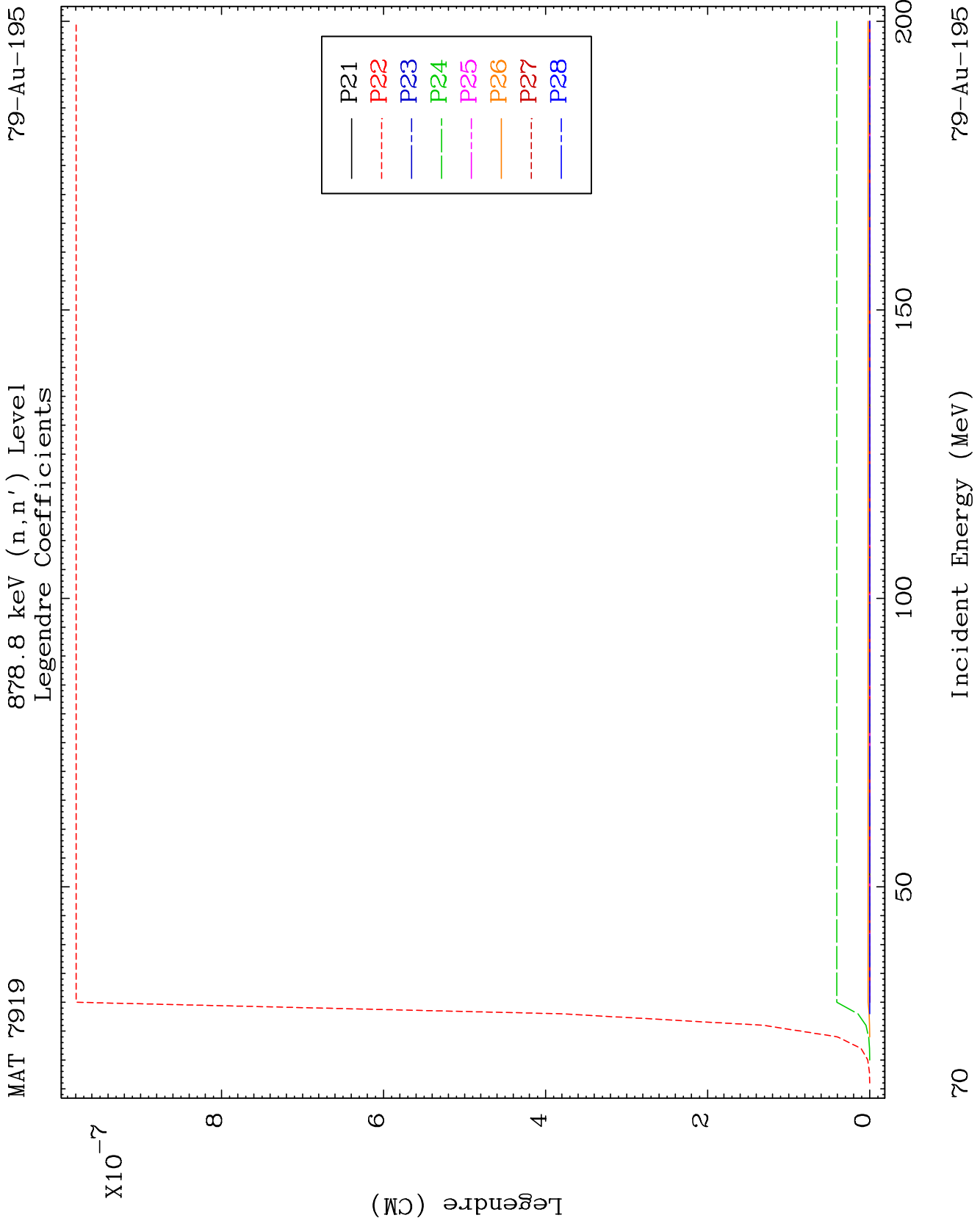


79-Au-195

Incident Energy (MeV)

68

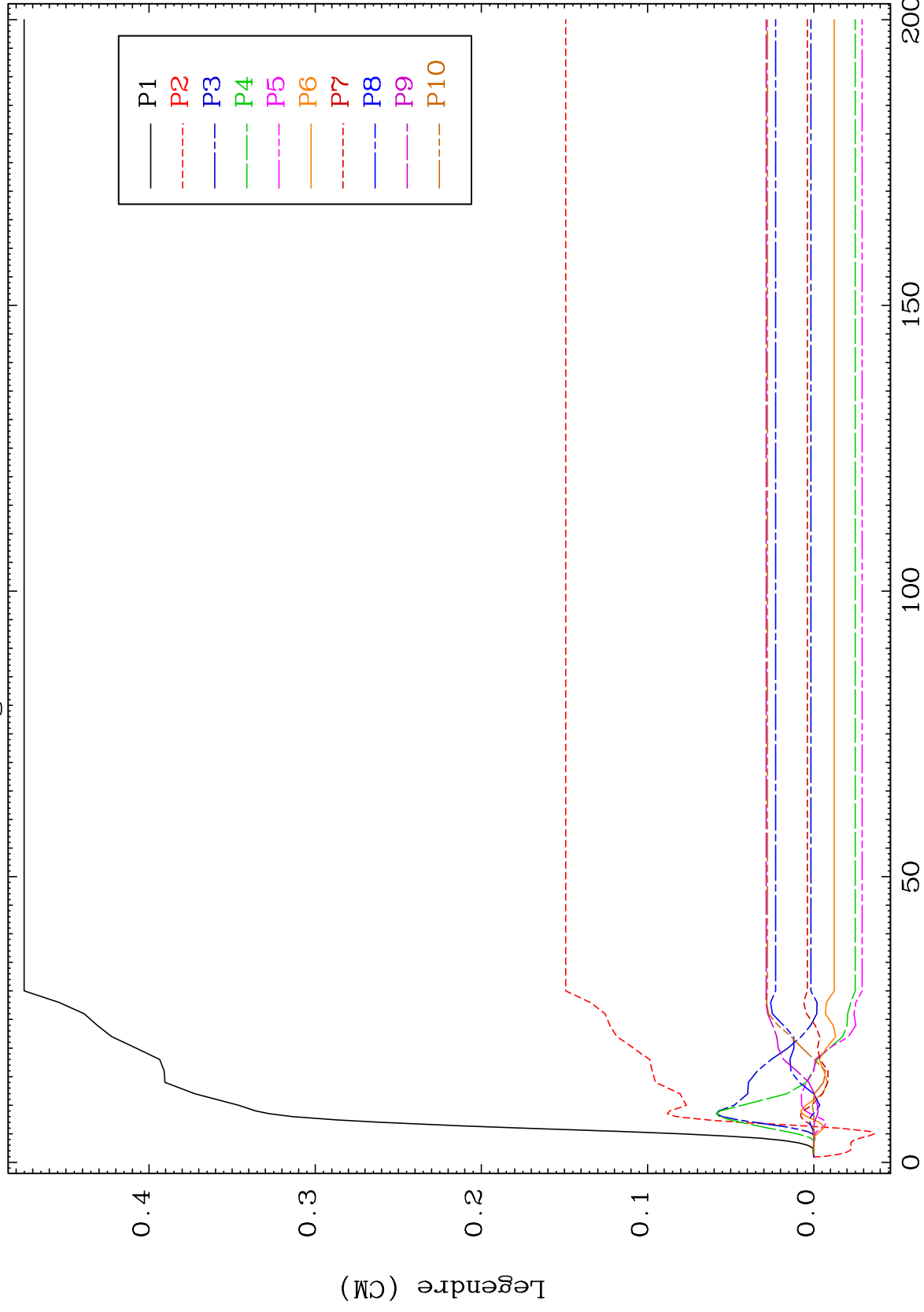




MAT 7919

894.1 keV (n,n') Level
Legendre Coefficients

79-Au-195



71

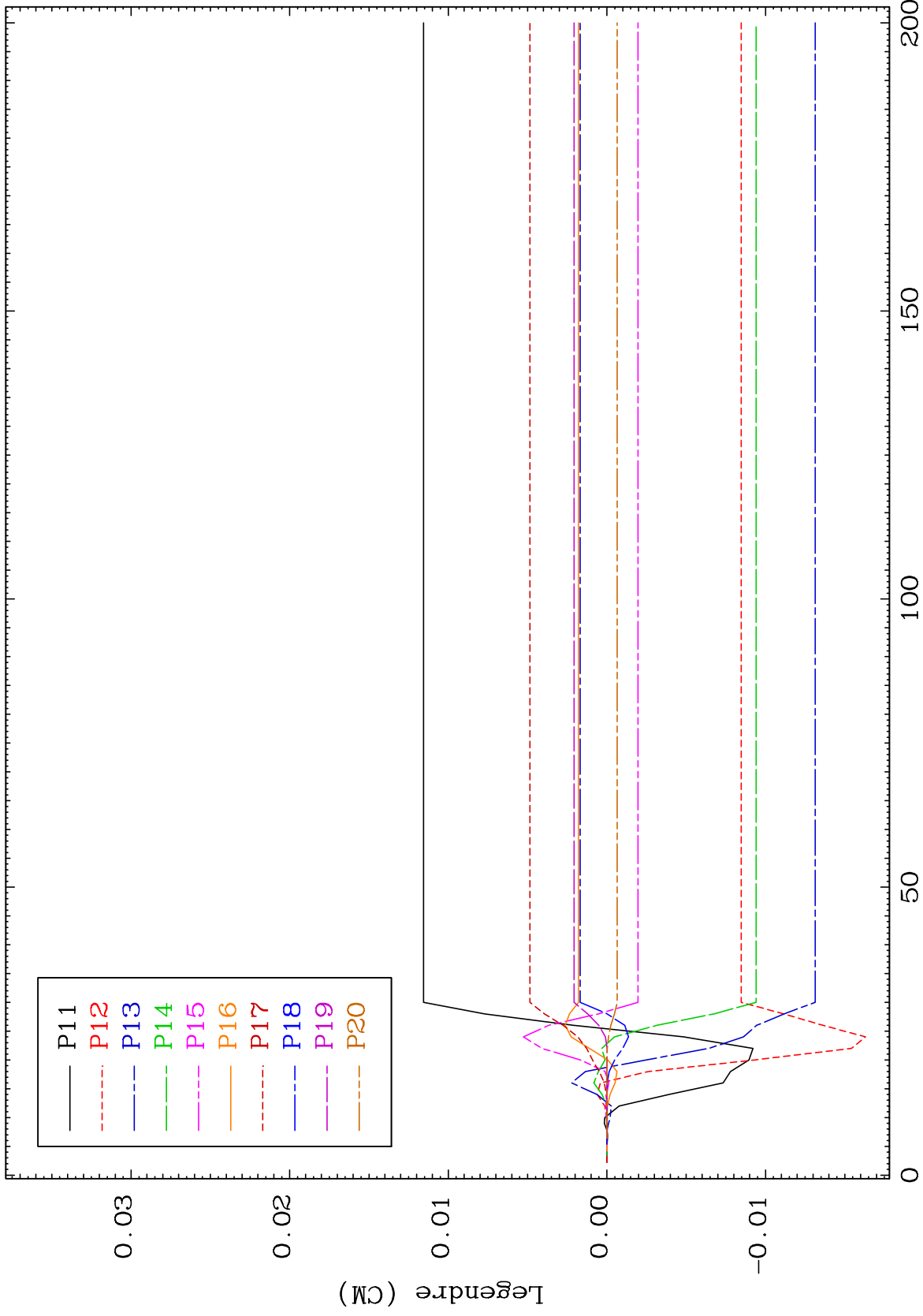
Incident Energy (MeV)

79-Au-195

MAT 7919

894.1 keV (n,n') Level
Legendre Coefficients

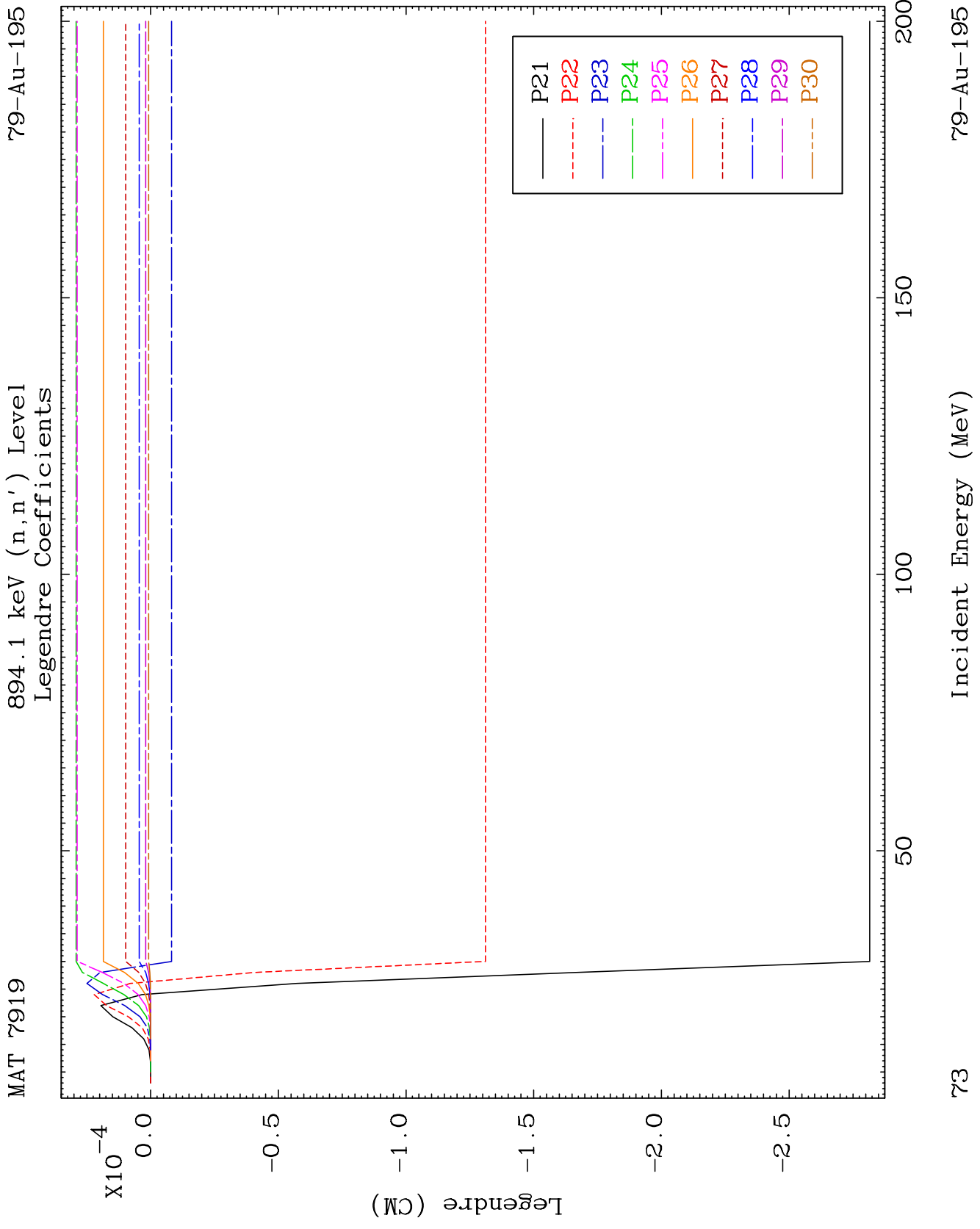
79-Au-195



72

Incident Energy (MeV)

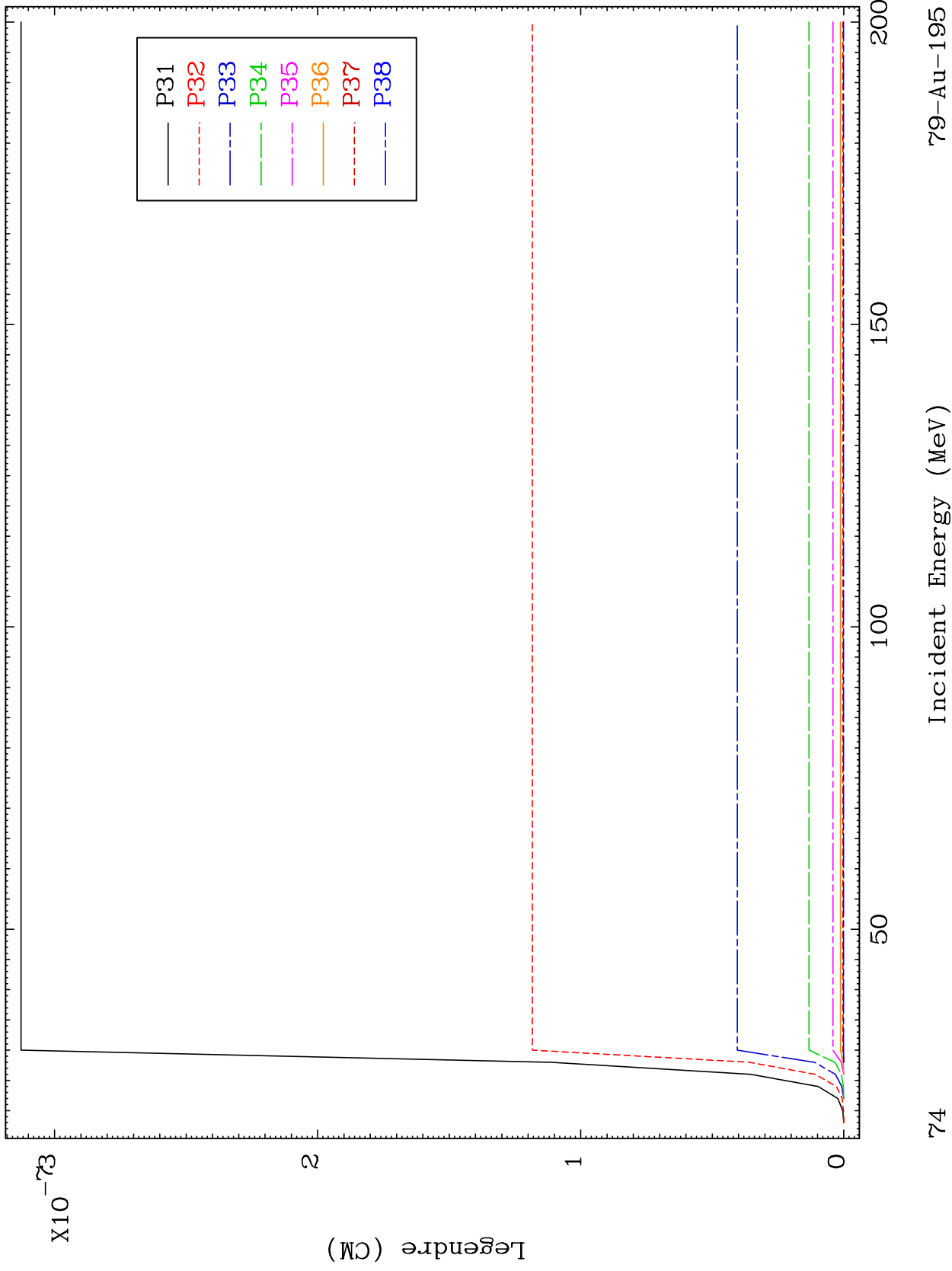
79-Au-195



MAT 7919

894.1 keV (n,n') Level
Legendre Coefficients

79-Au-195



74

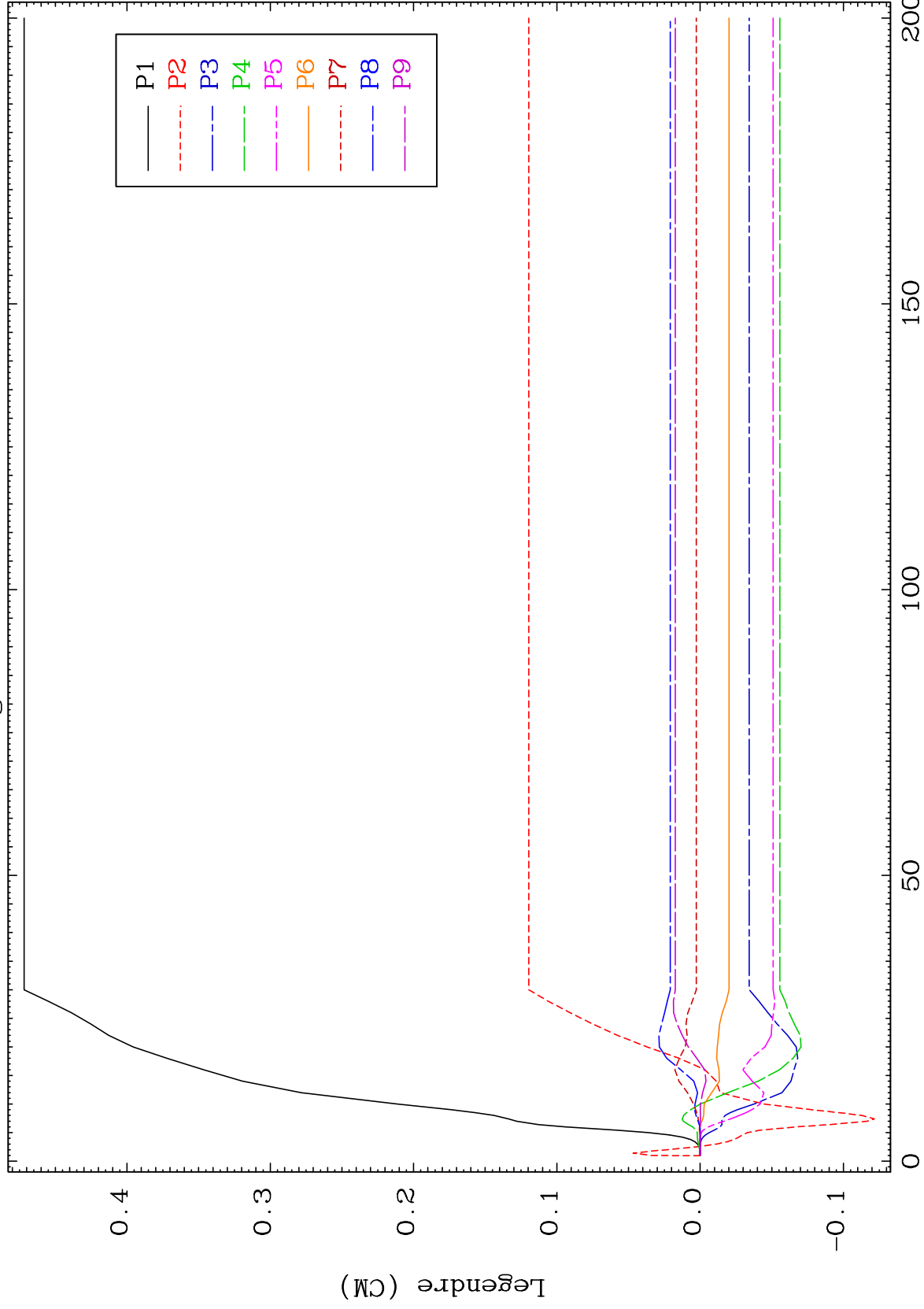
Incident Energy (MeV)

79-Au-195

MAT 7919

946.8 keV (n,n') Level
Legendre Coefficients

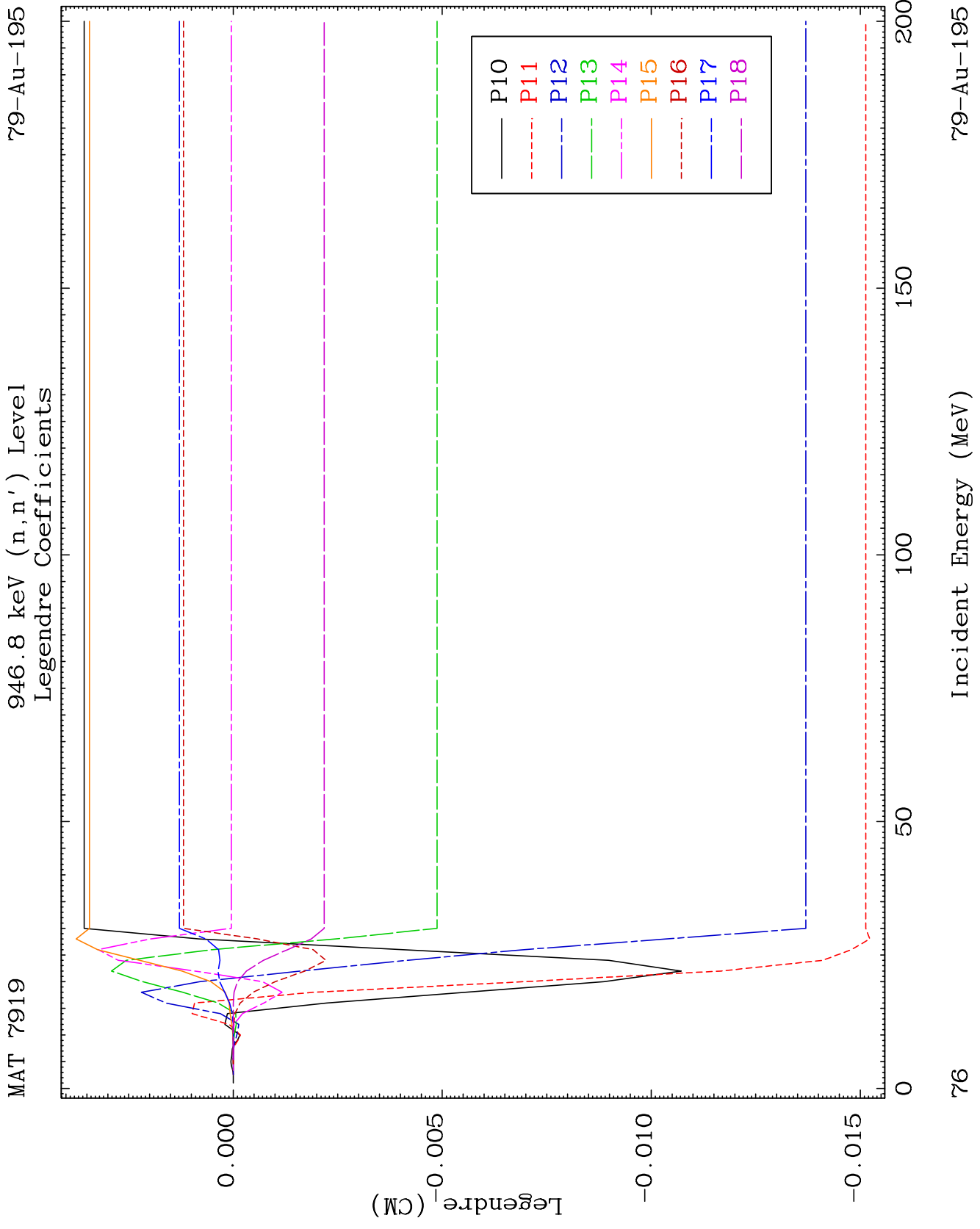
79-Au-195

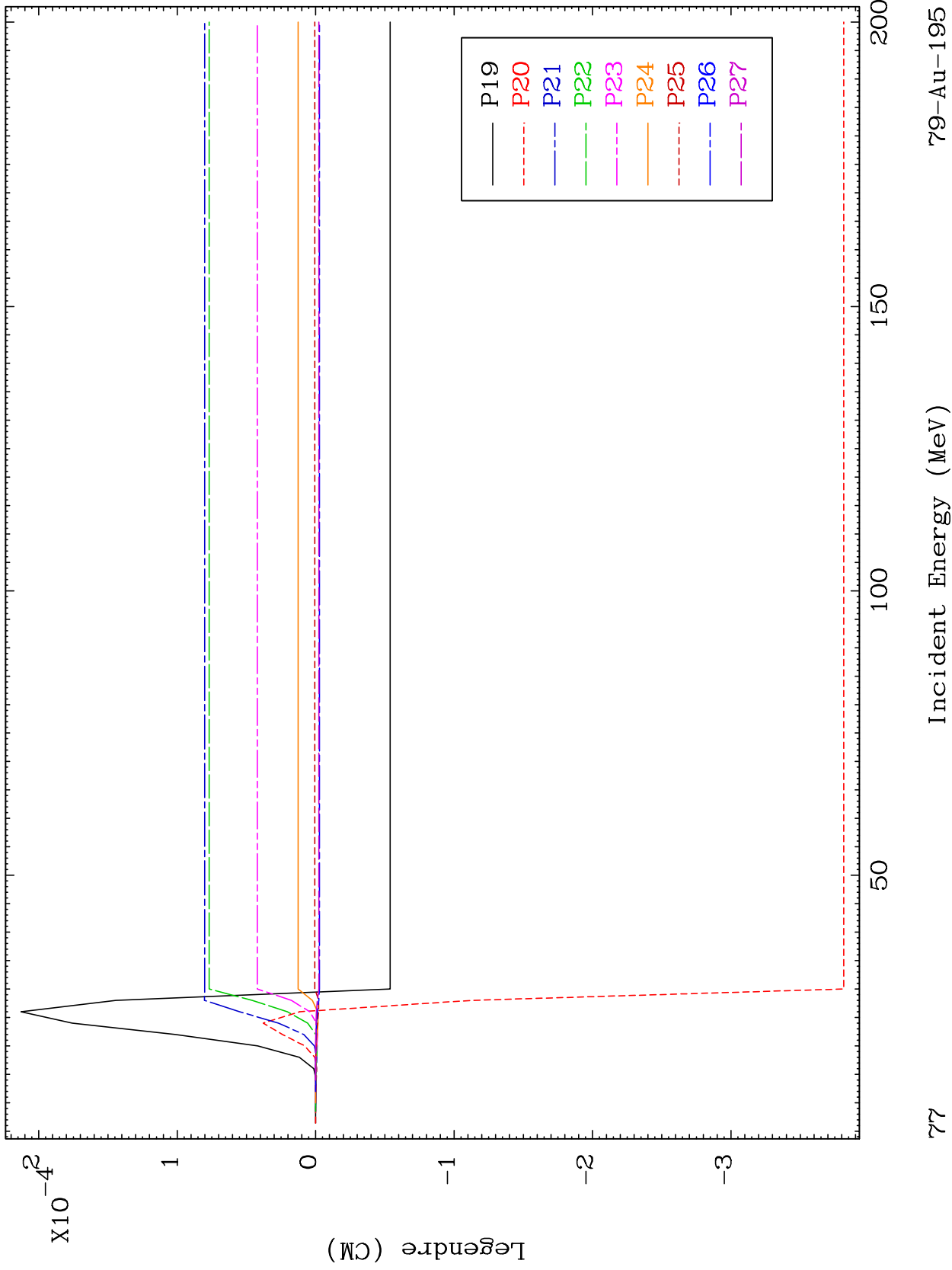


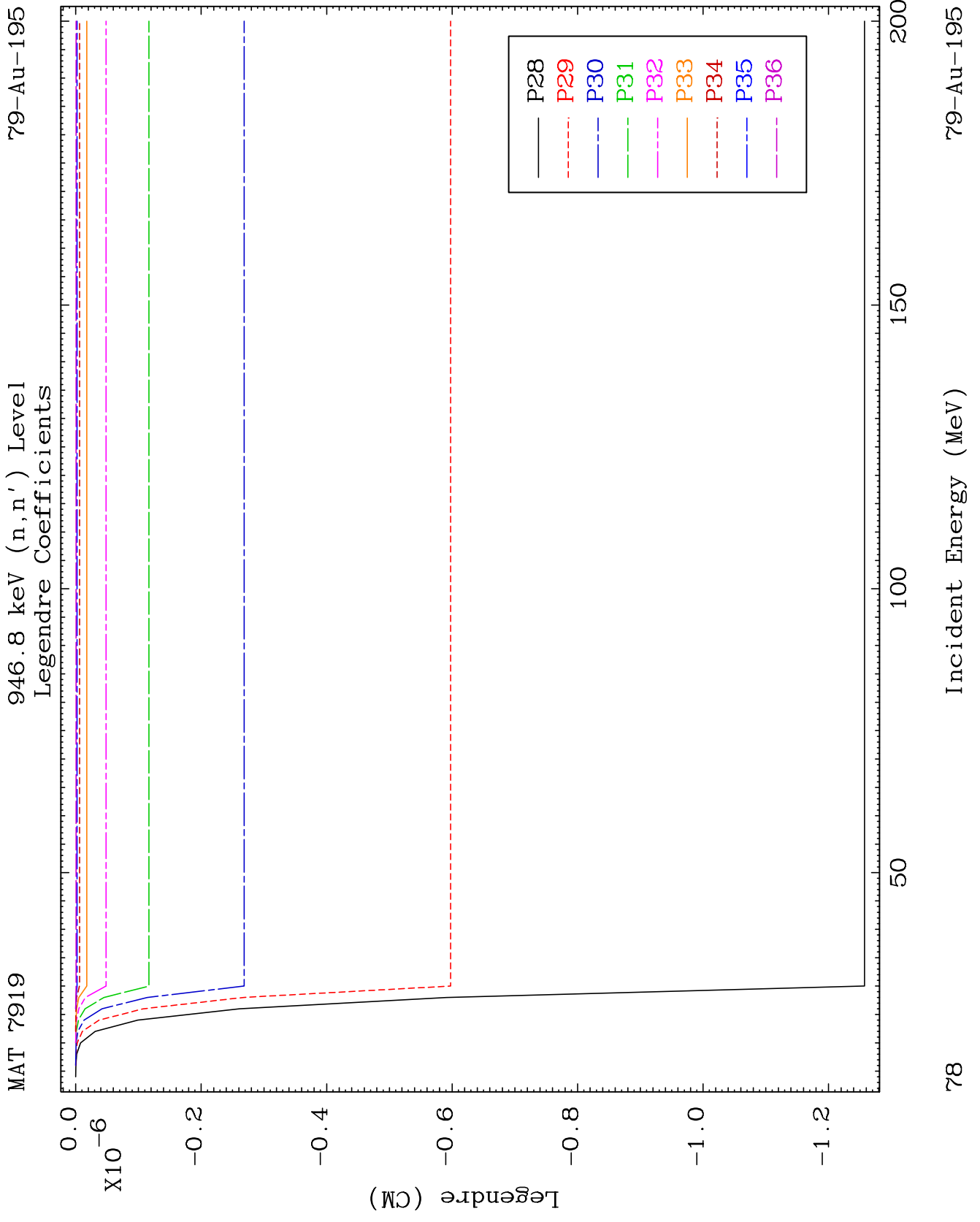
75

Incident Energy (MeV)

79-Au-195



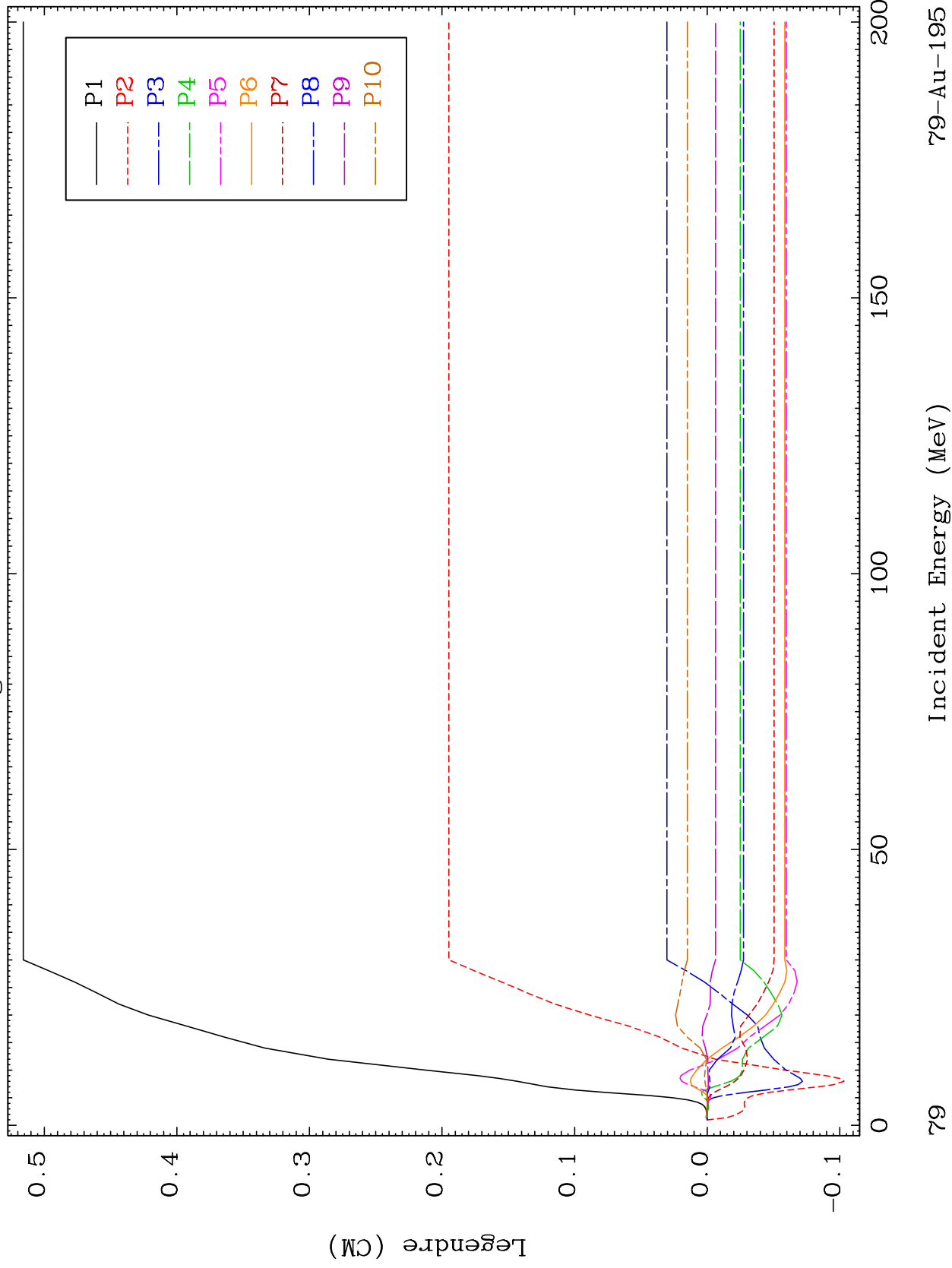


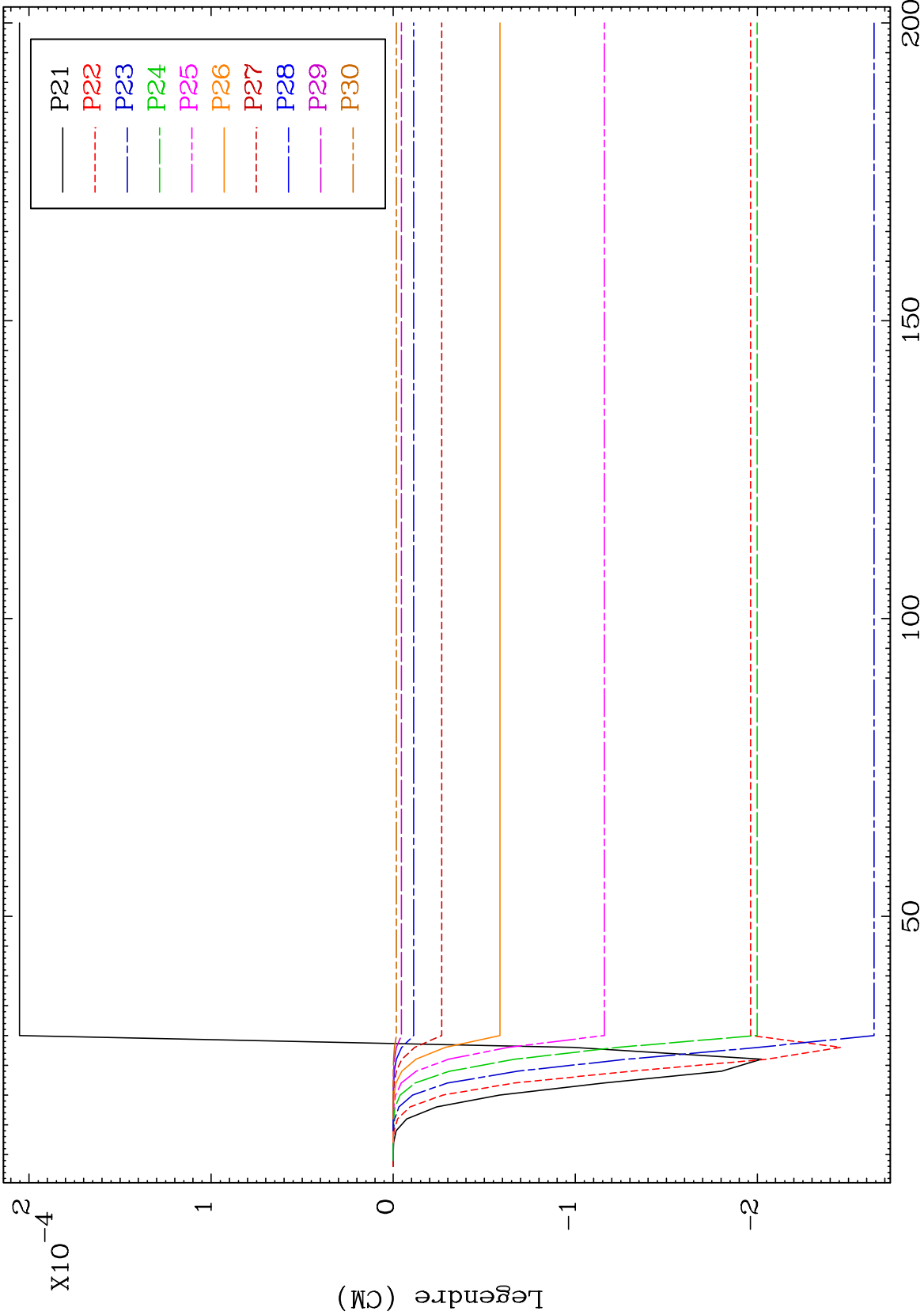


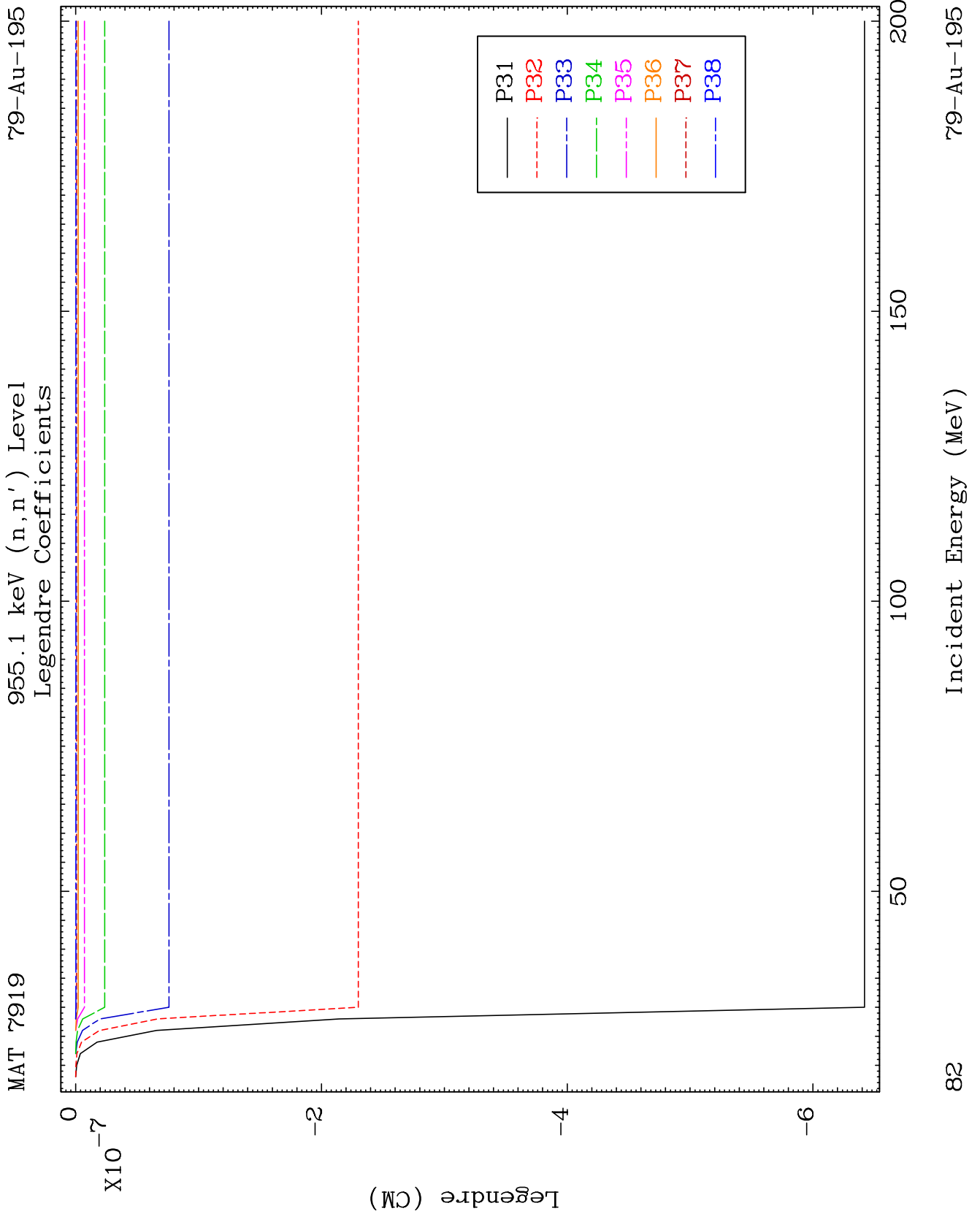
MAT 7919

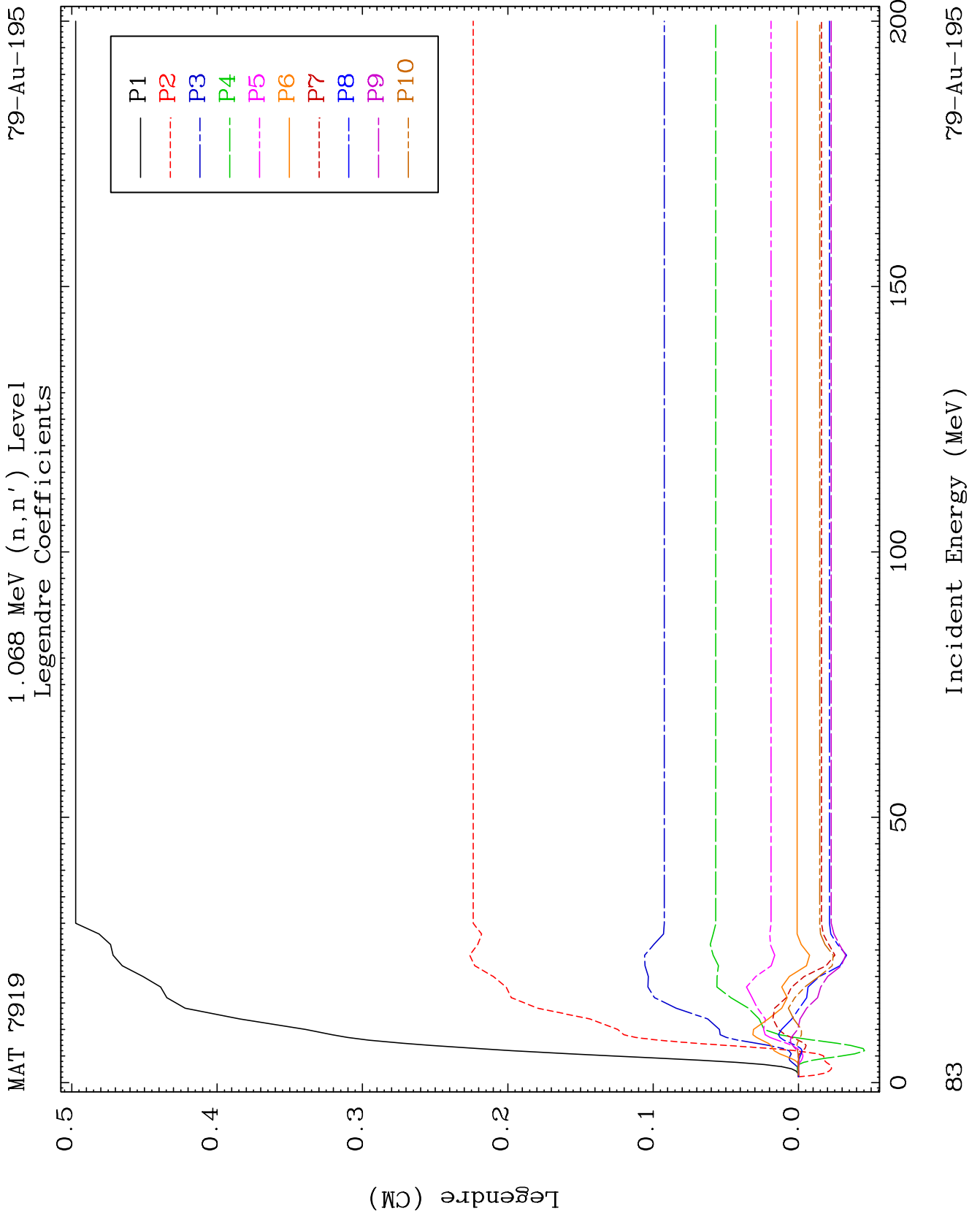
955.1 keV (n,n') Level
Legendre Coefficients

79-Au-195





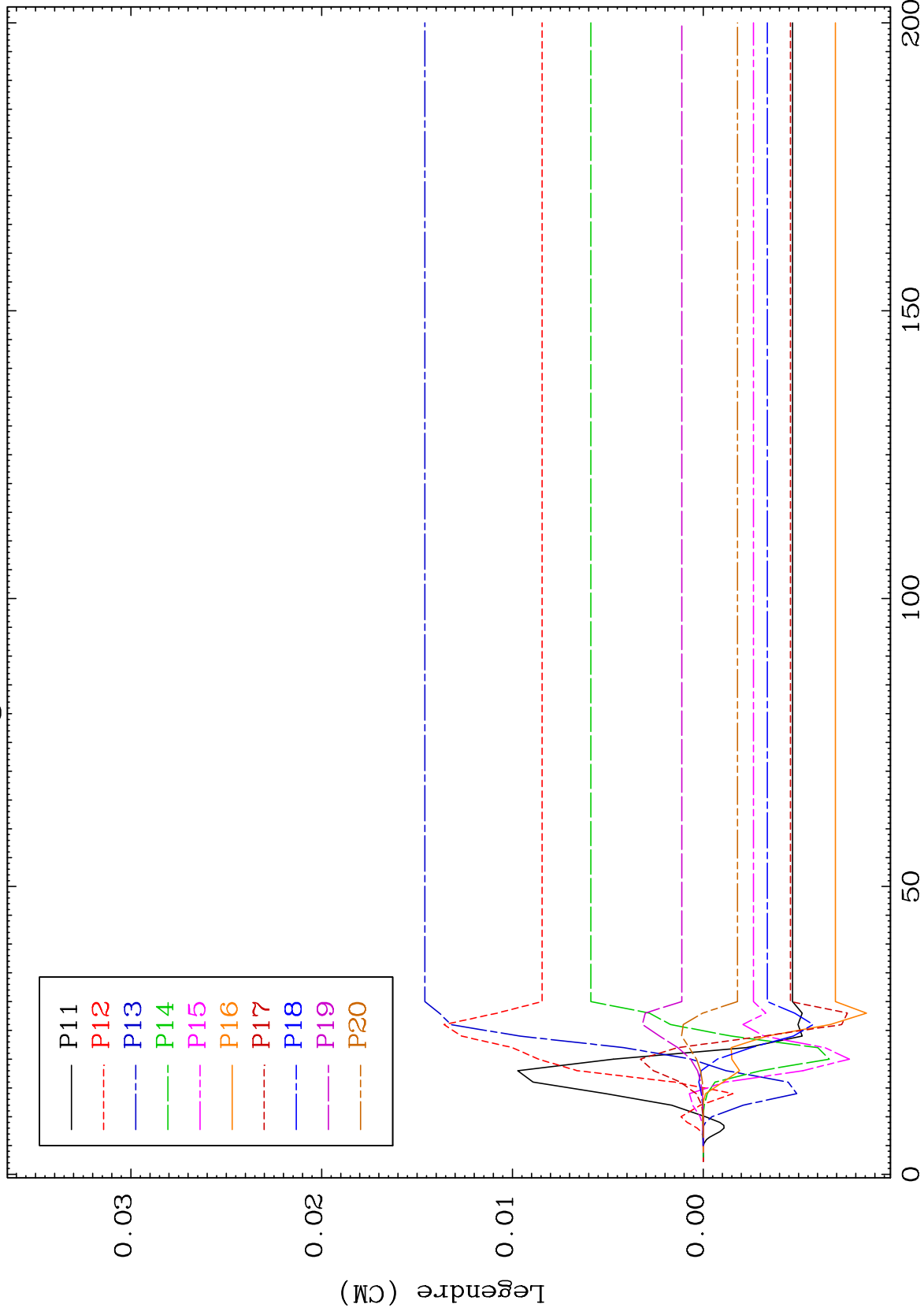




MAT 7919

1.068 MeV (n,n') Level
Legendre Coefficients

79-Au-195



84

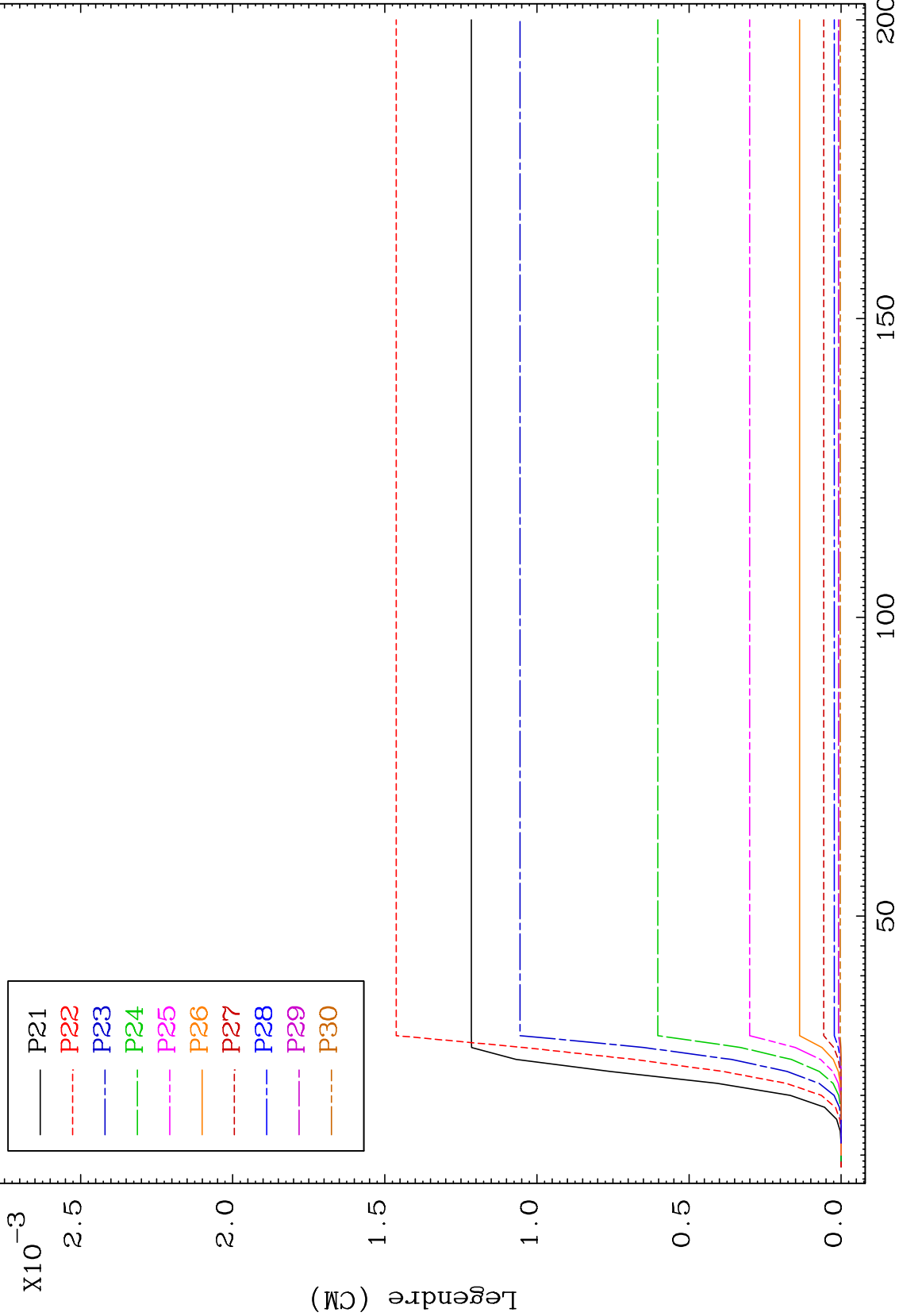
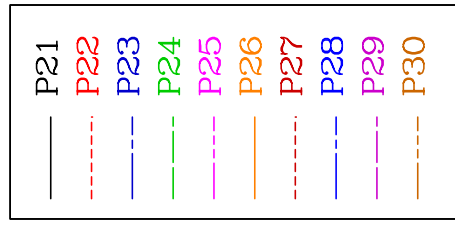
Incident Energy (MeV)

79-Au-195

MAT 7919

1.068 MeV (n,n') Level
Legendre Coefficients

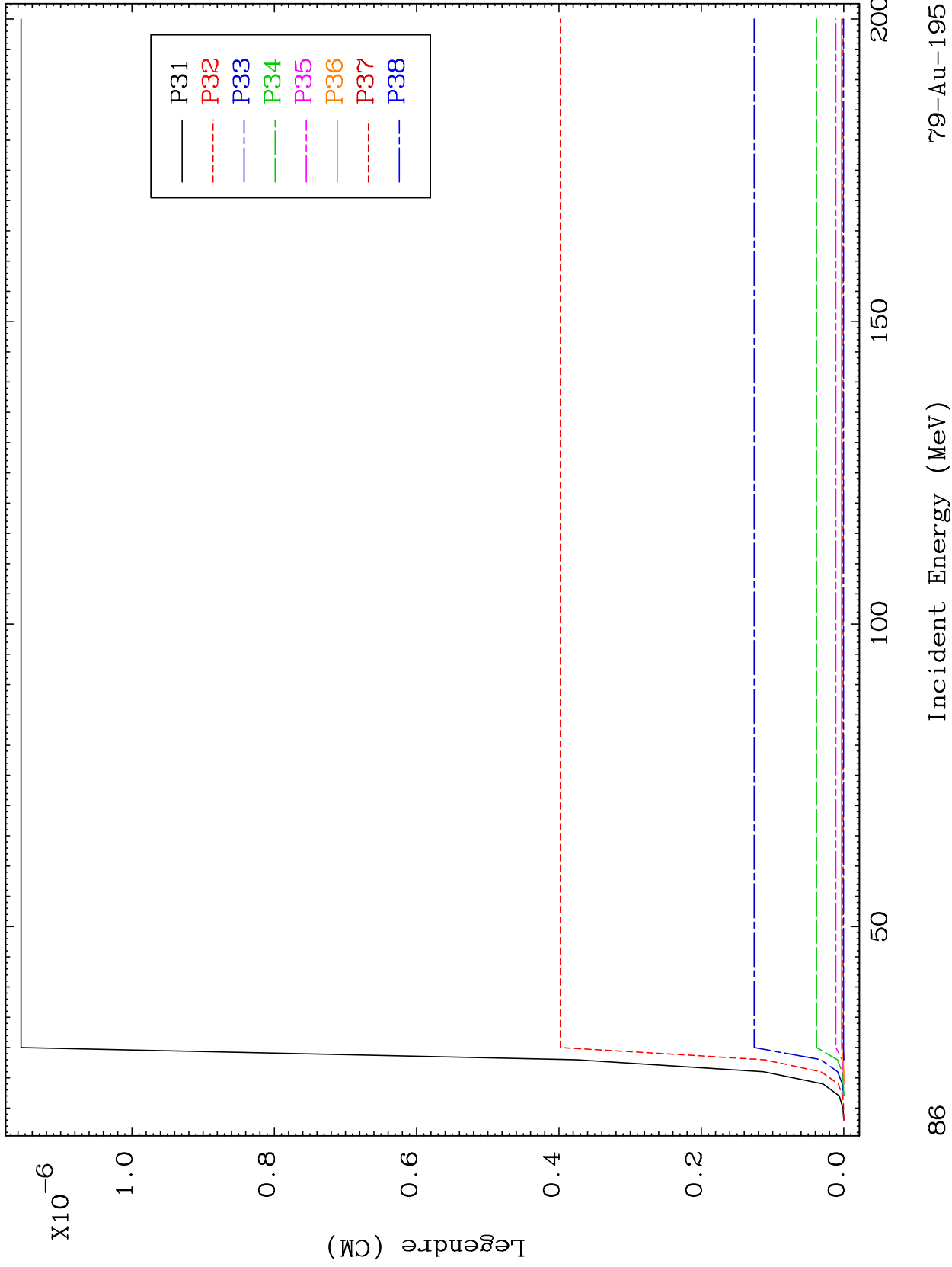
79-Au-195



85

Incident Energy (MeV)

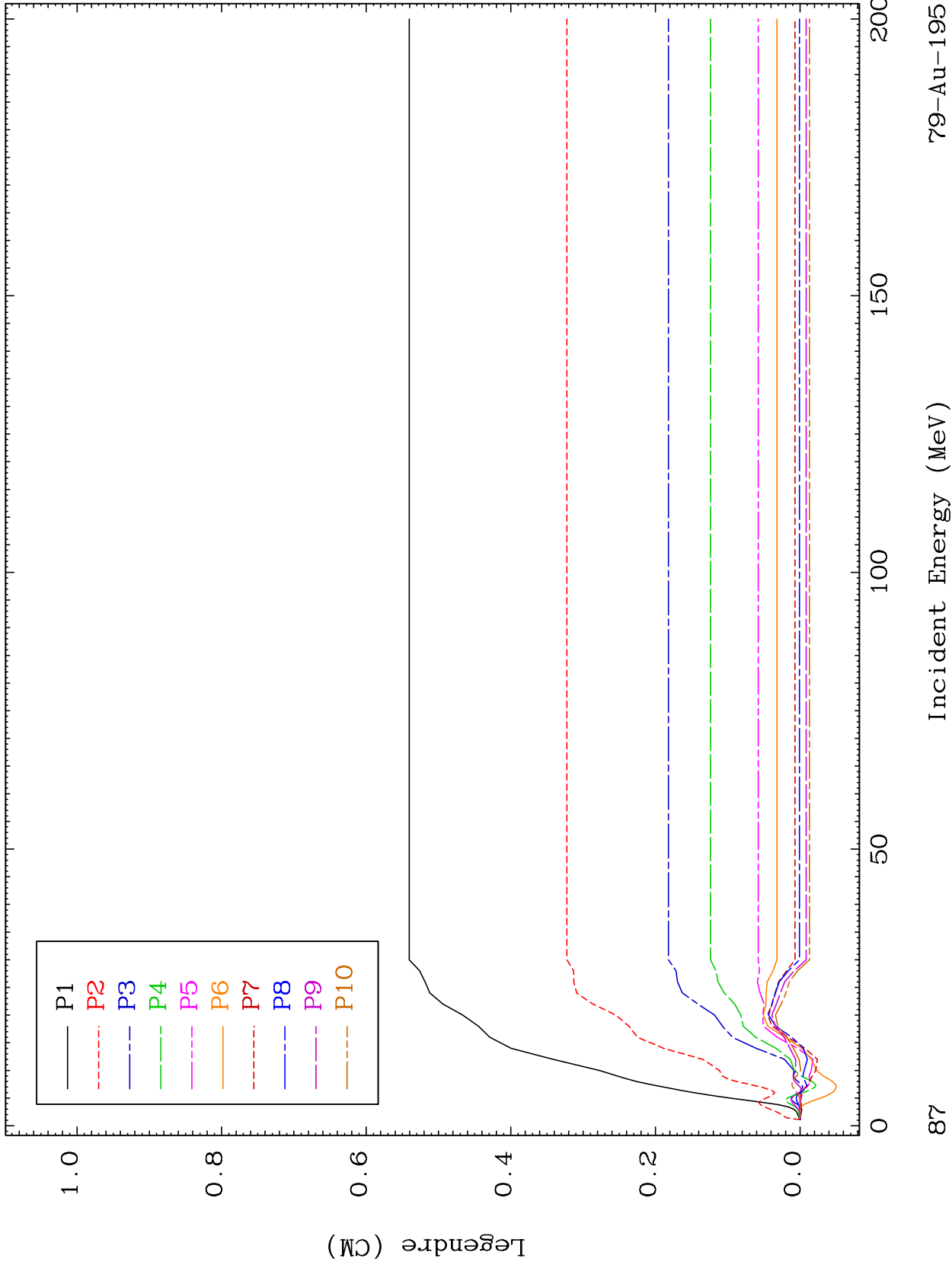
79-Au-195



MAT 7919

1.083 MeV (n,n') Level
Legendre Coefficients

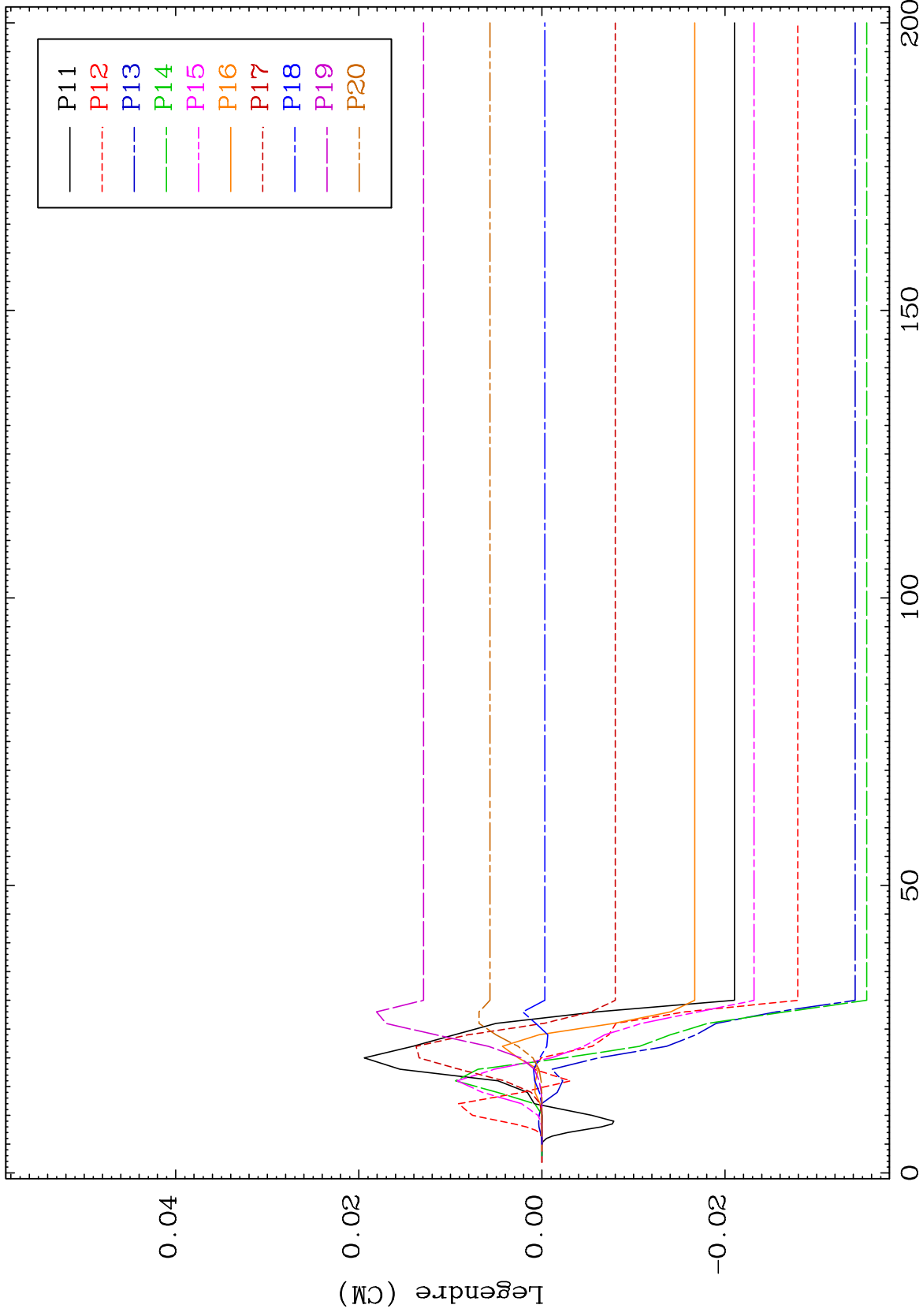
79-Au-195

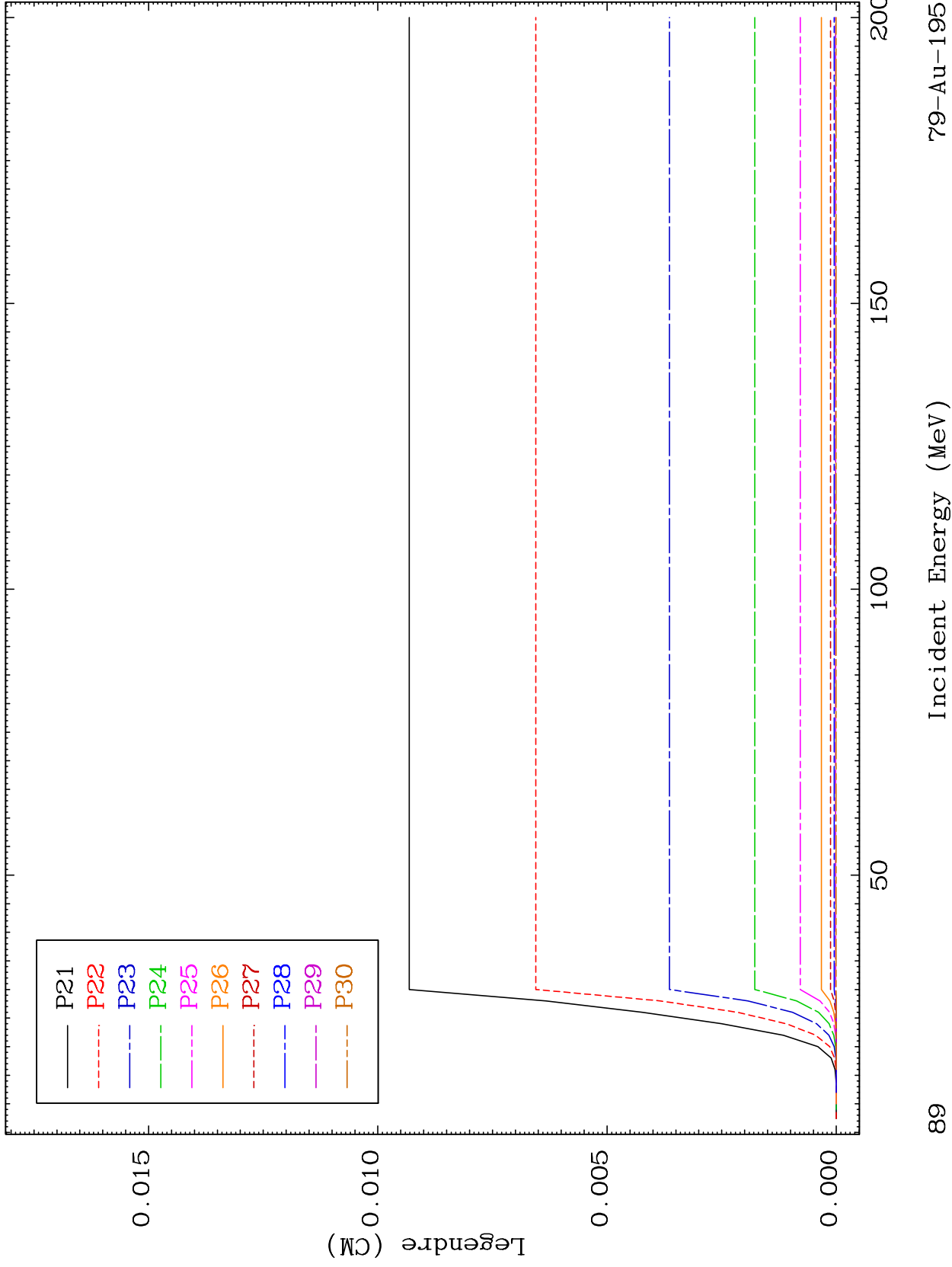


87

Incident Energy (MeV)

79-Au-195

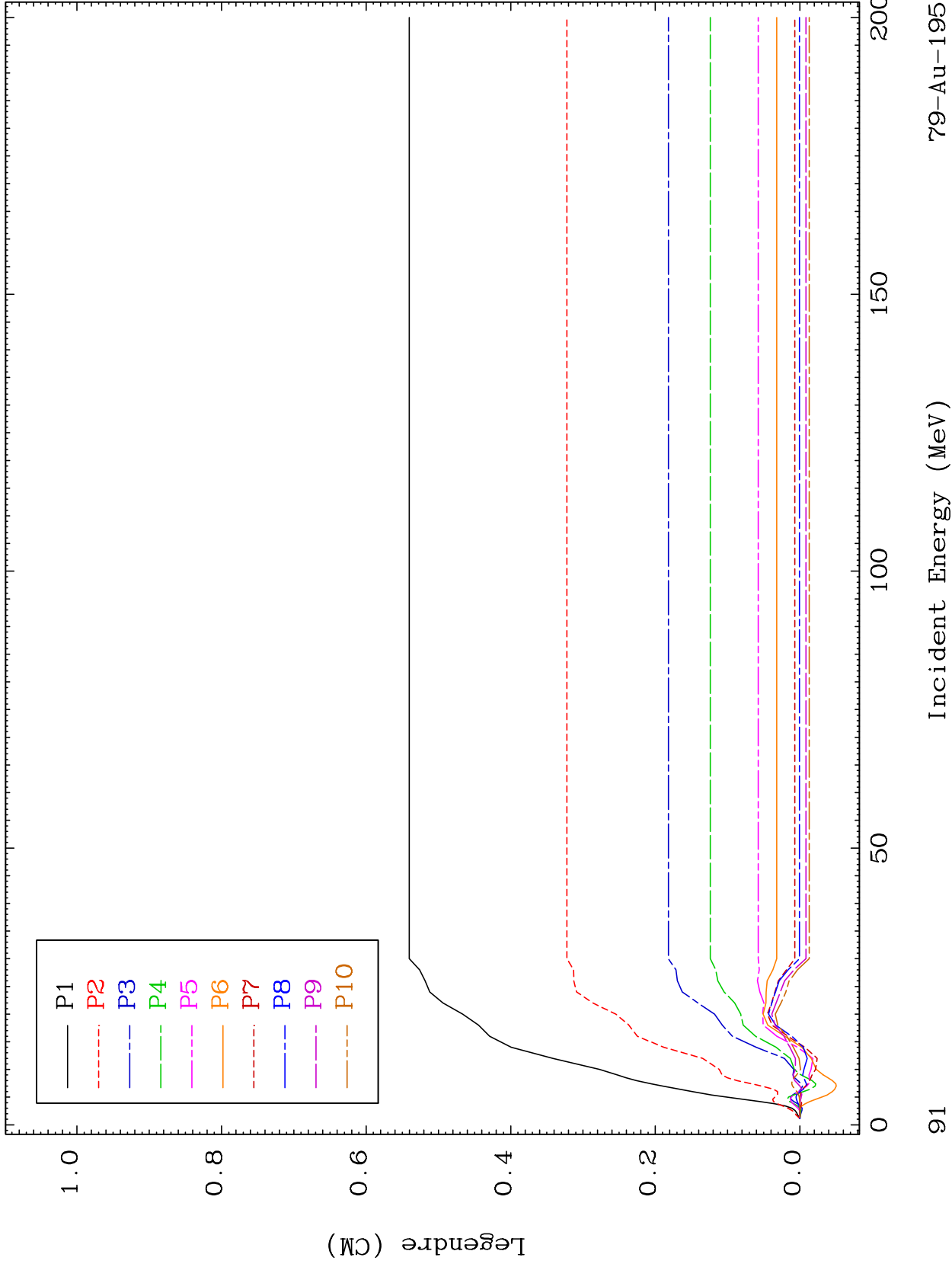




MAT 7919

1.106 MeV (n,n') Level
Legendre Coefficients

79-Au-195

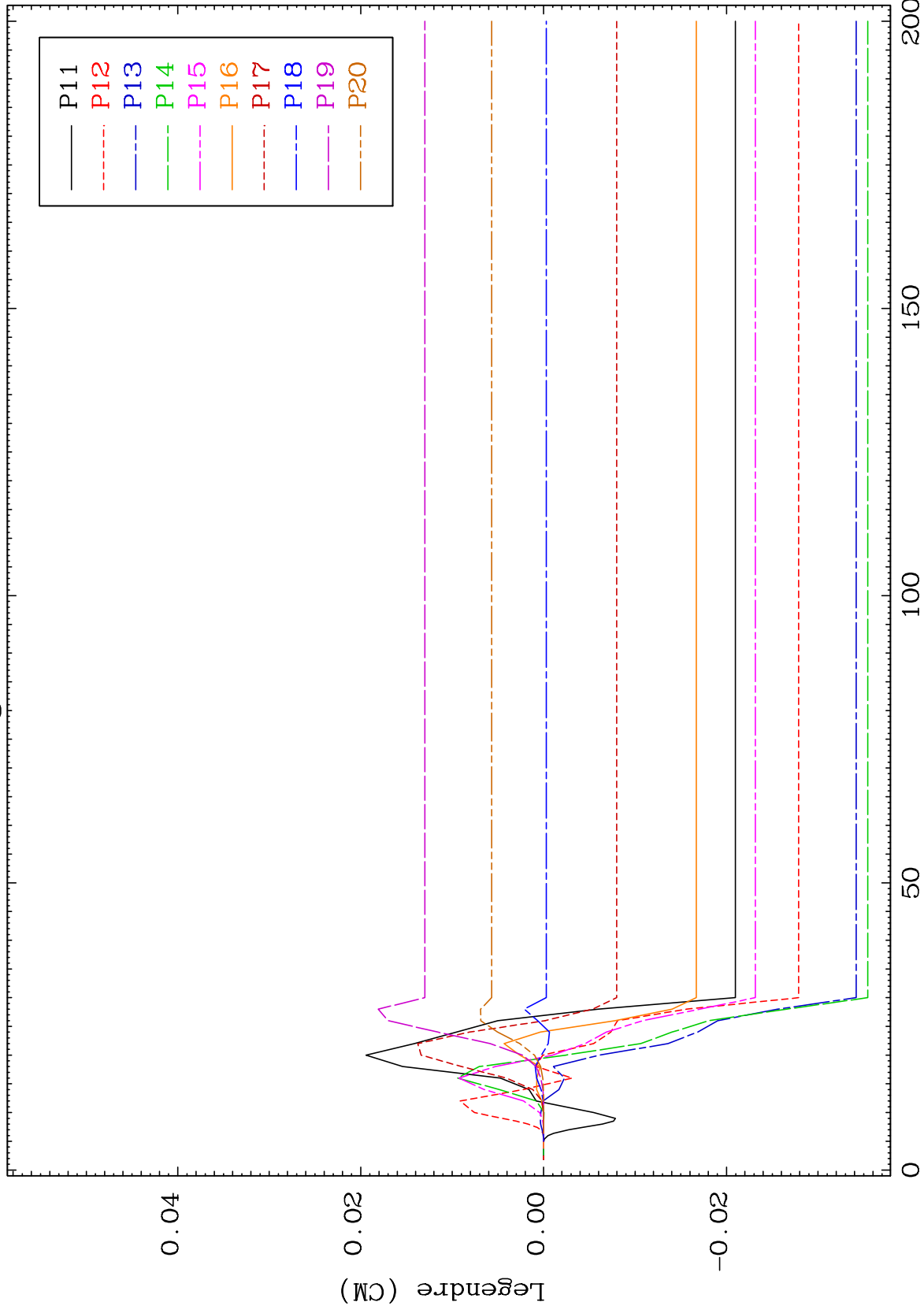


91

MAT 7919

1.106 MeV (n,n') Level
Legendre Coefficients

79-Au-195



92

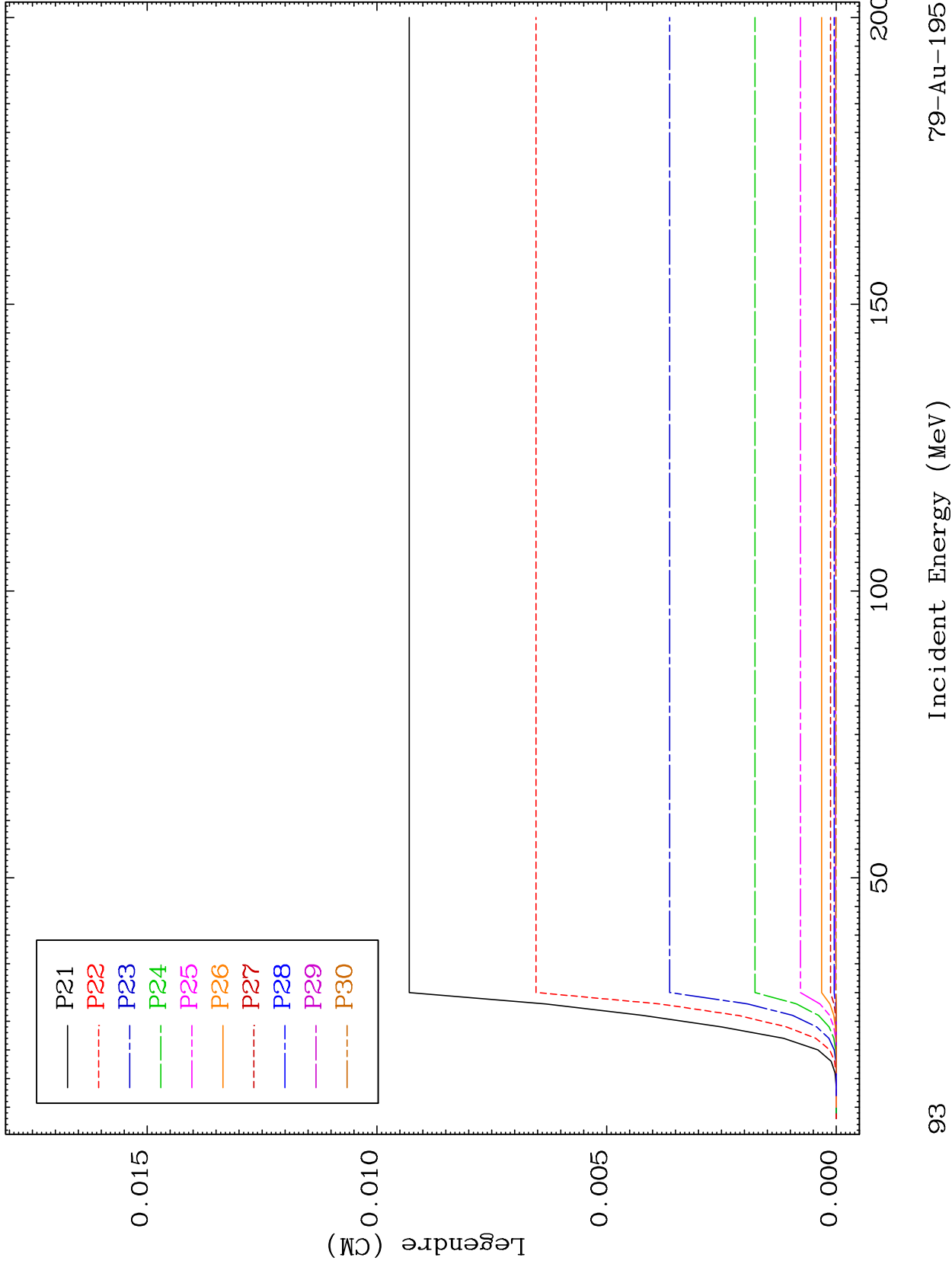
Incident Energy (MeV)

79-Au-195

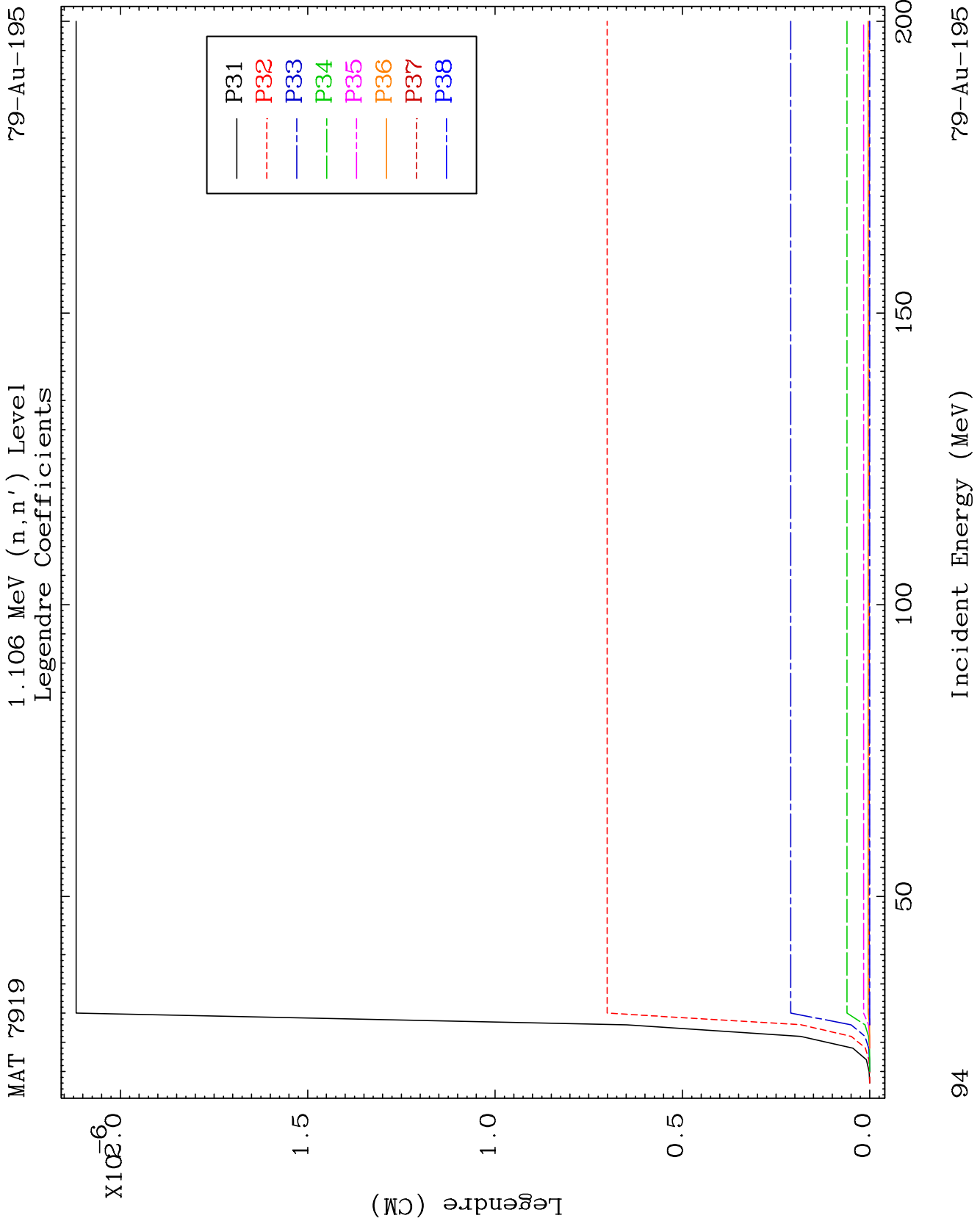
MAT 7919

1.106 MeV (n, n') Level
Legendre Coefficients

79-Au-195



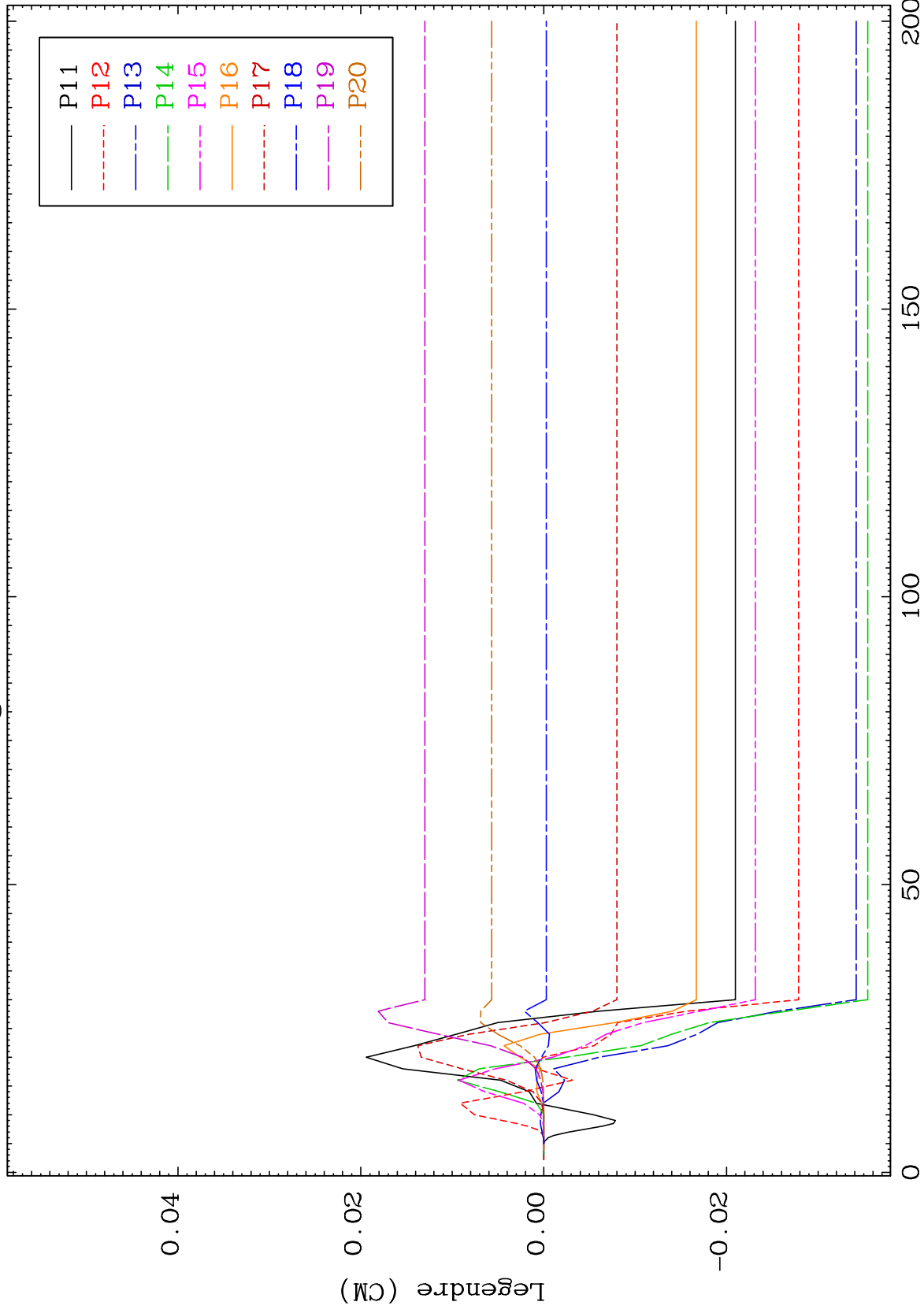
93



MAT 7919

1.111 MeV (n,n') Level
Legendre Coefficients

79-Au-195



96

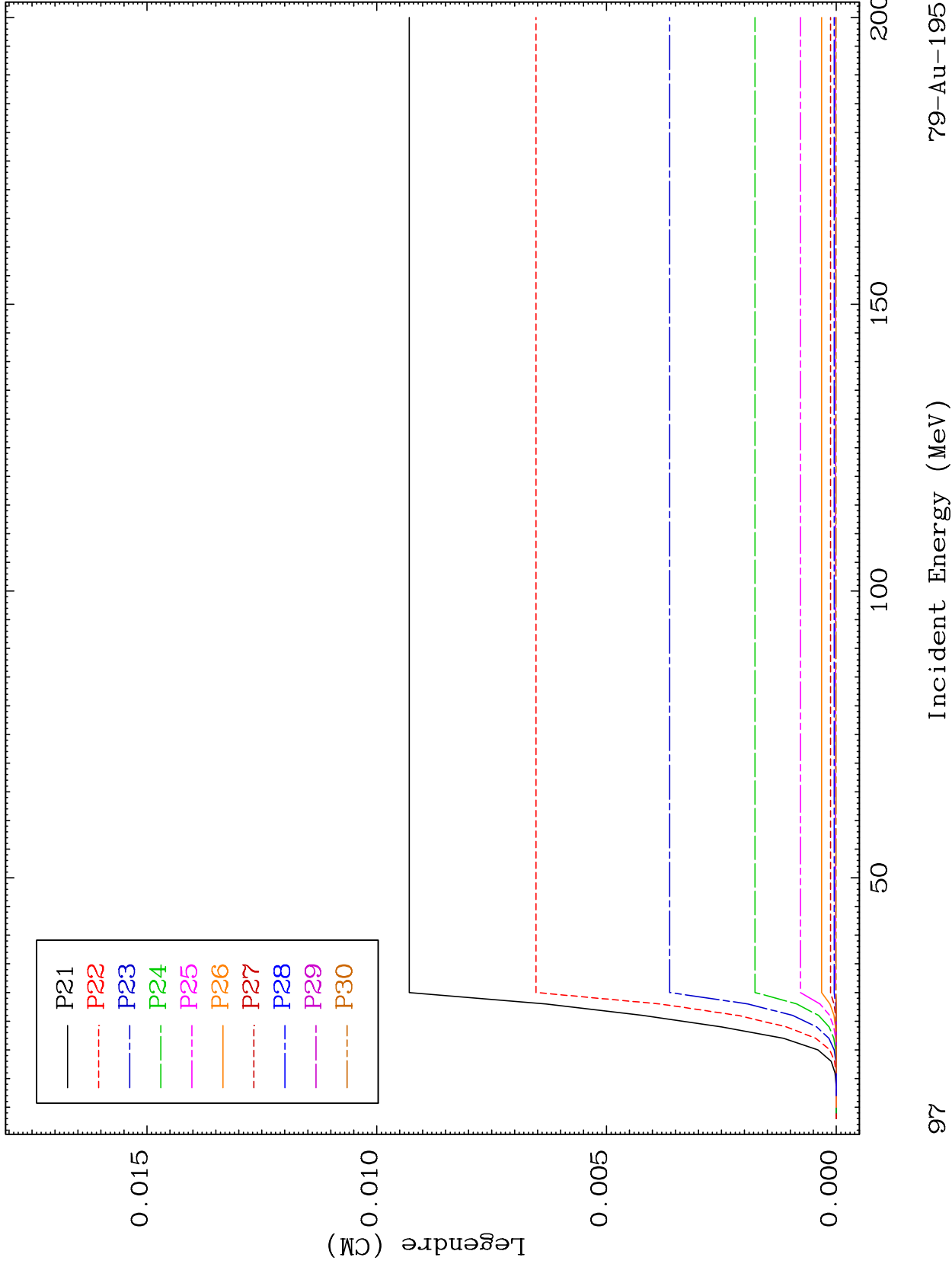
Incident Energy (MeV)

79-Au-195

MAT 7919

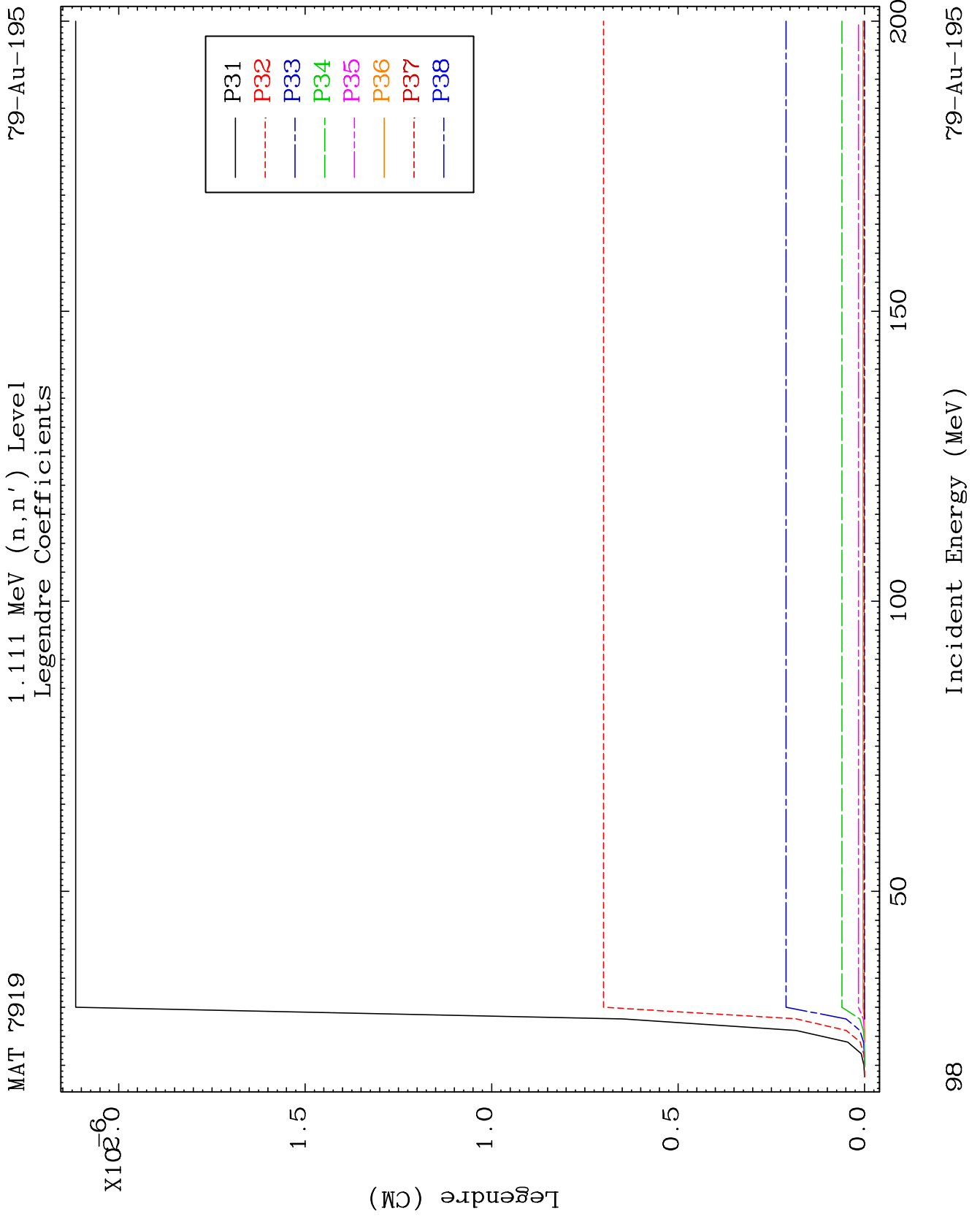
1.111 MeV (n,n') Level
Legendre Coefficients

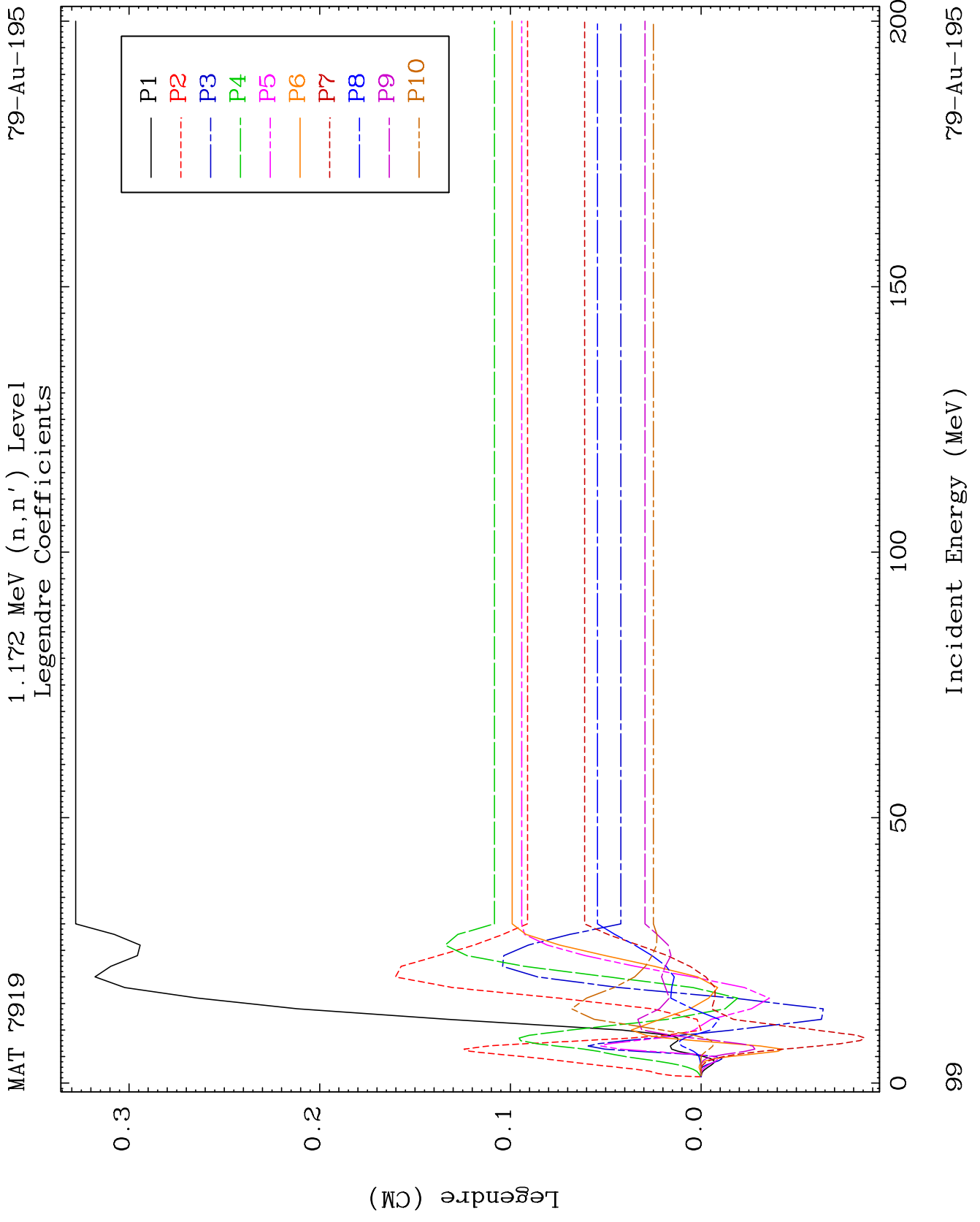
79-Au-195

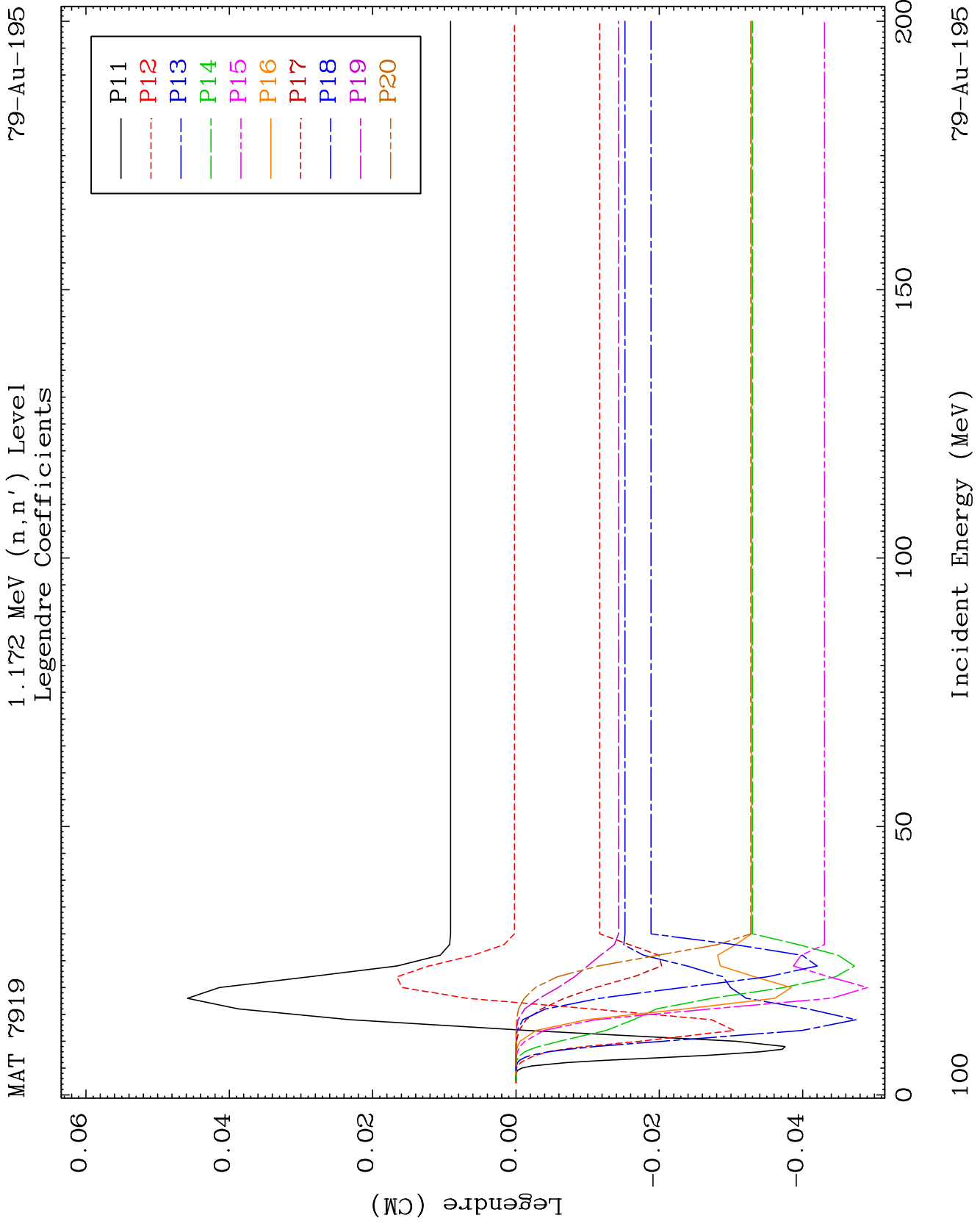


97

79-Au-195



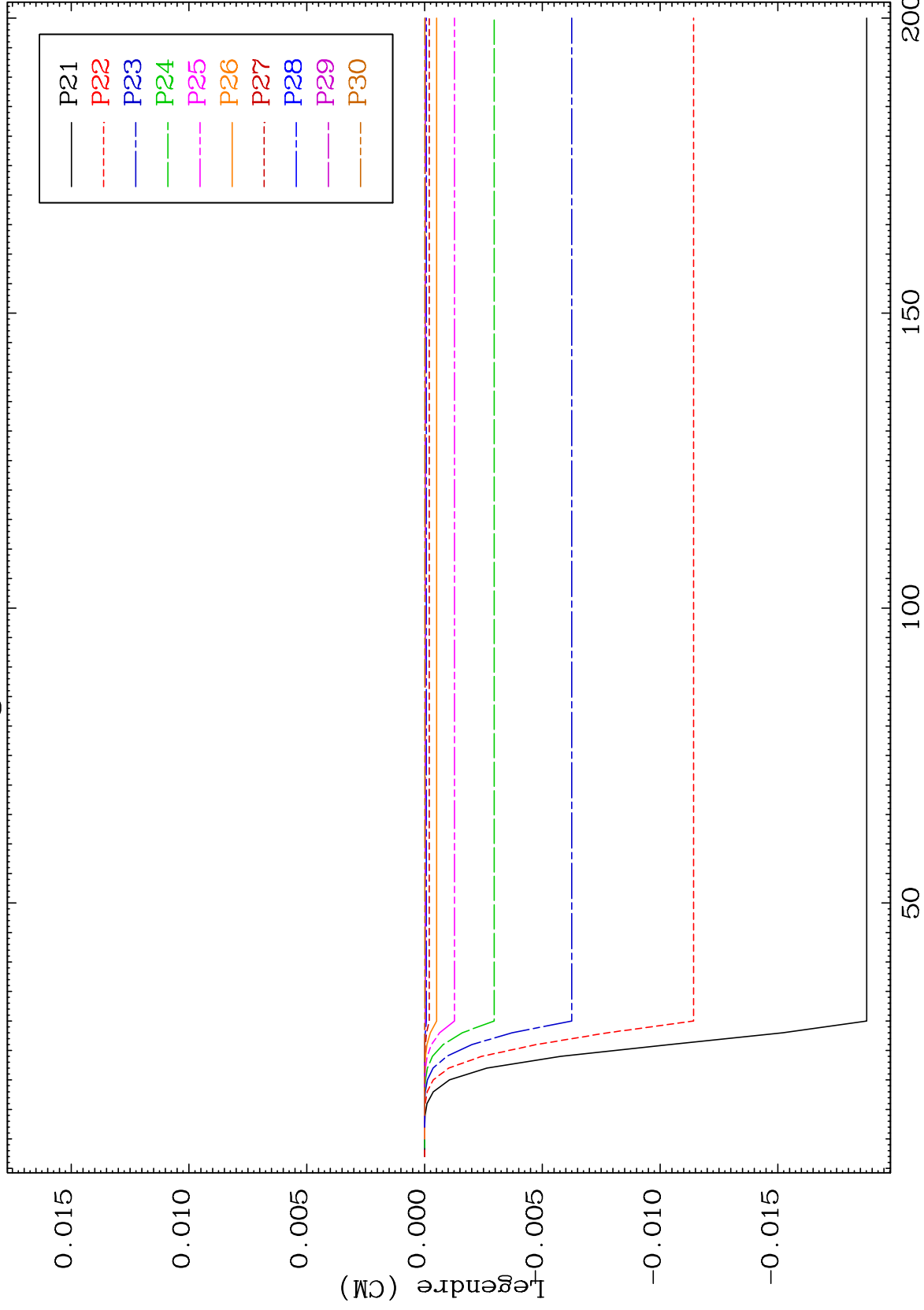




MAT 7919

1.172 MeV (n,n') Level
Legendre Coefficients

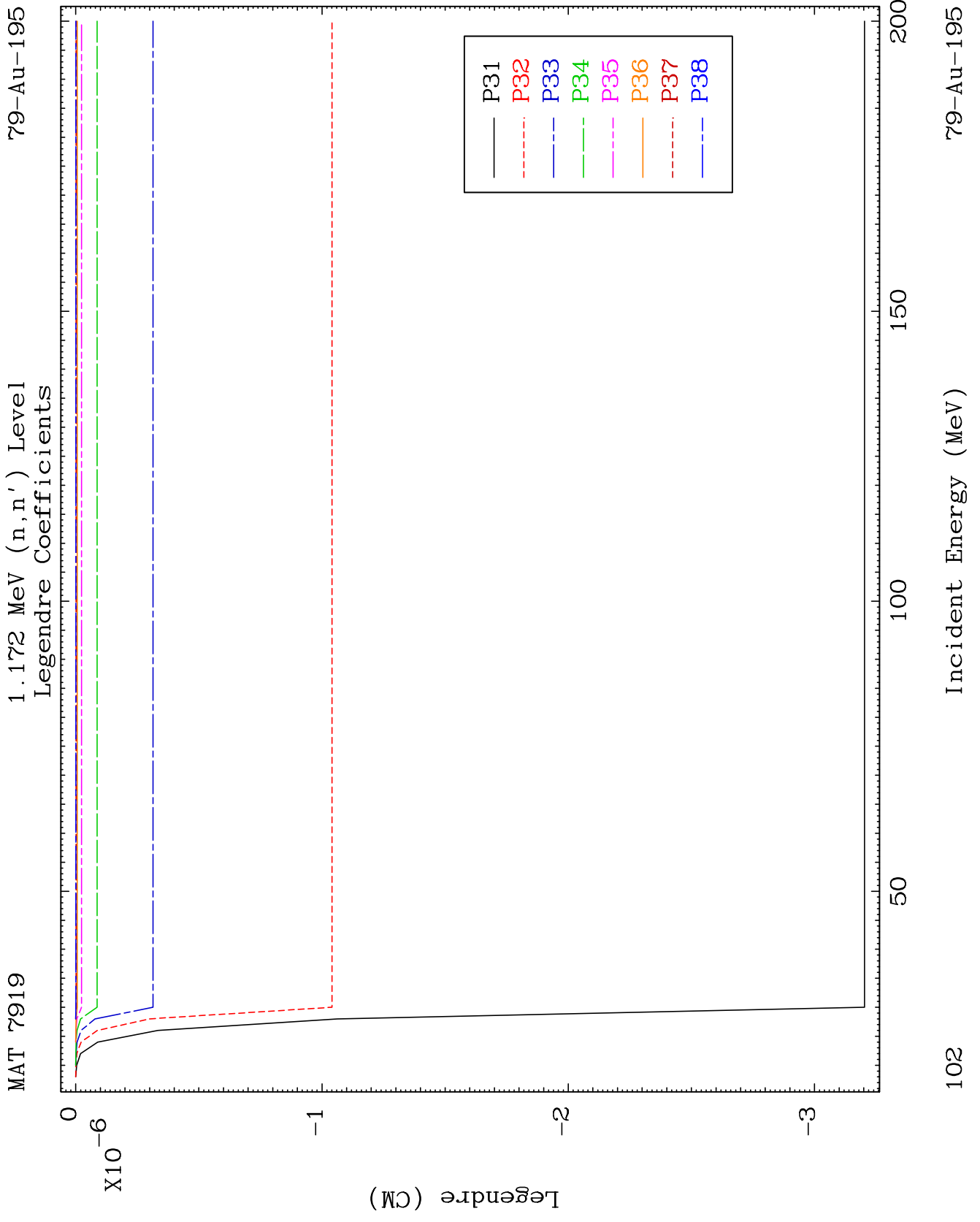
79-Au-195



101

Incident Energy (MeV)

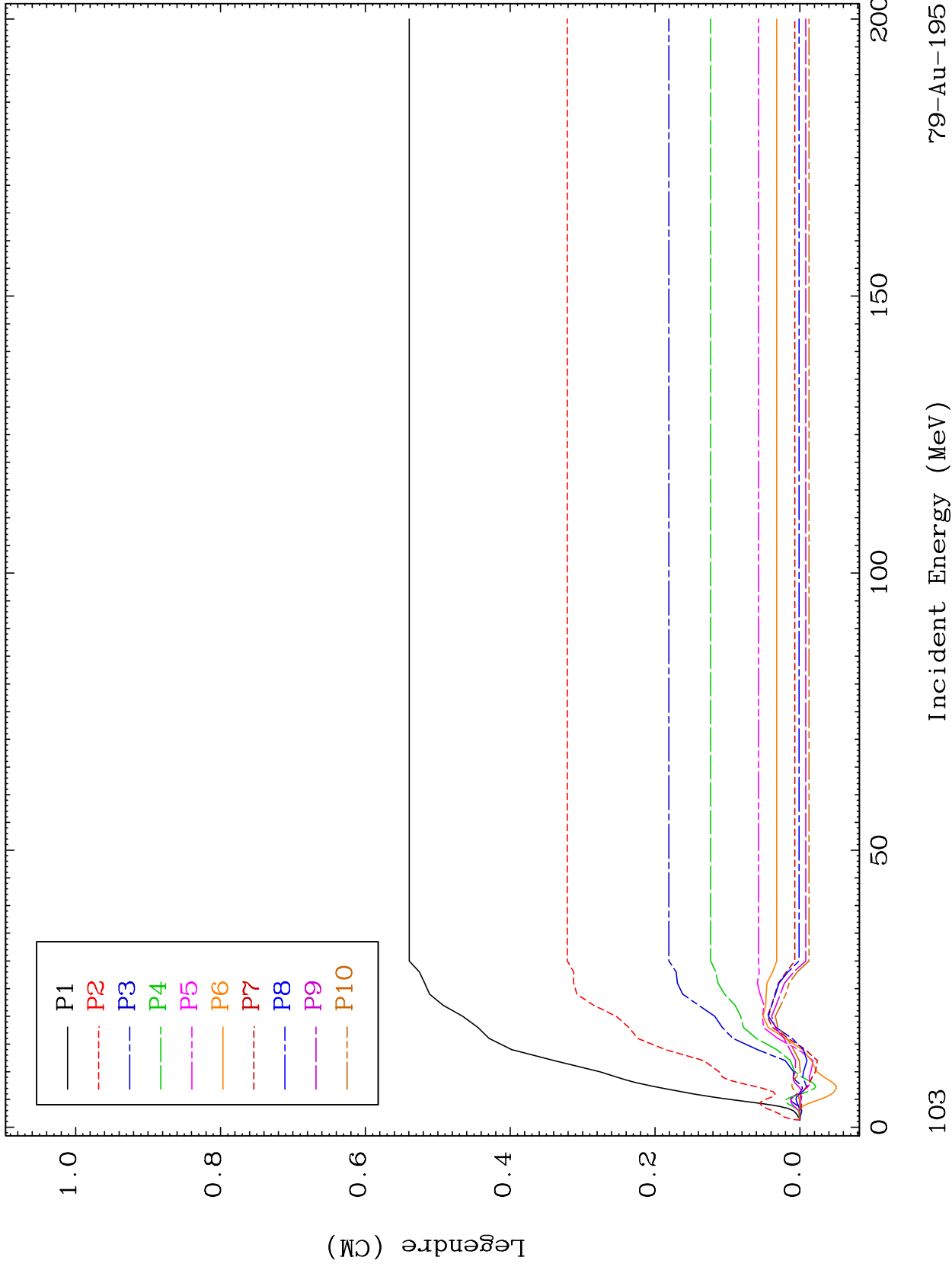
79-Au-195



MAT 7919

1.251 MeV (n, n') Level
Legendre Coefficients

79-Au-195



103

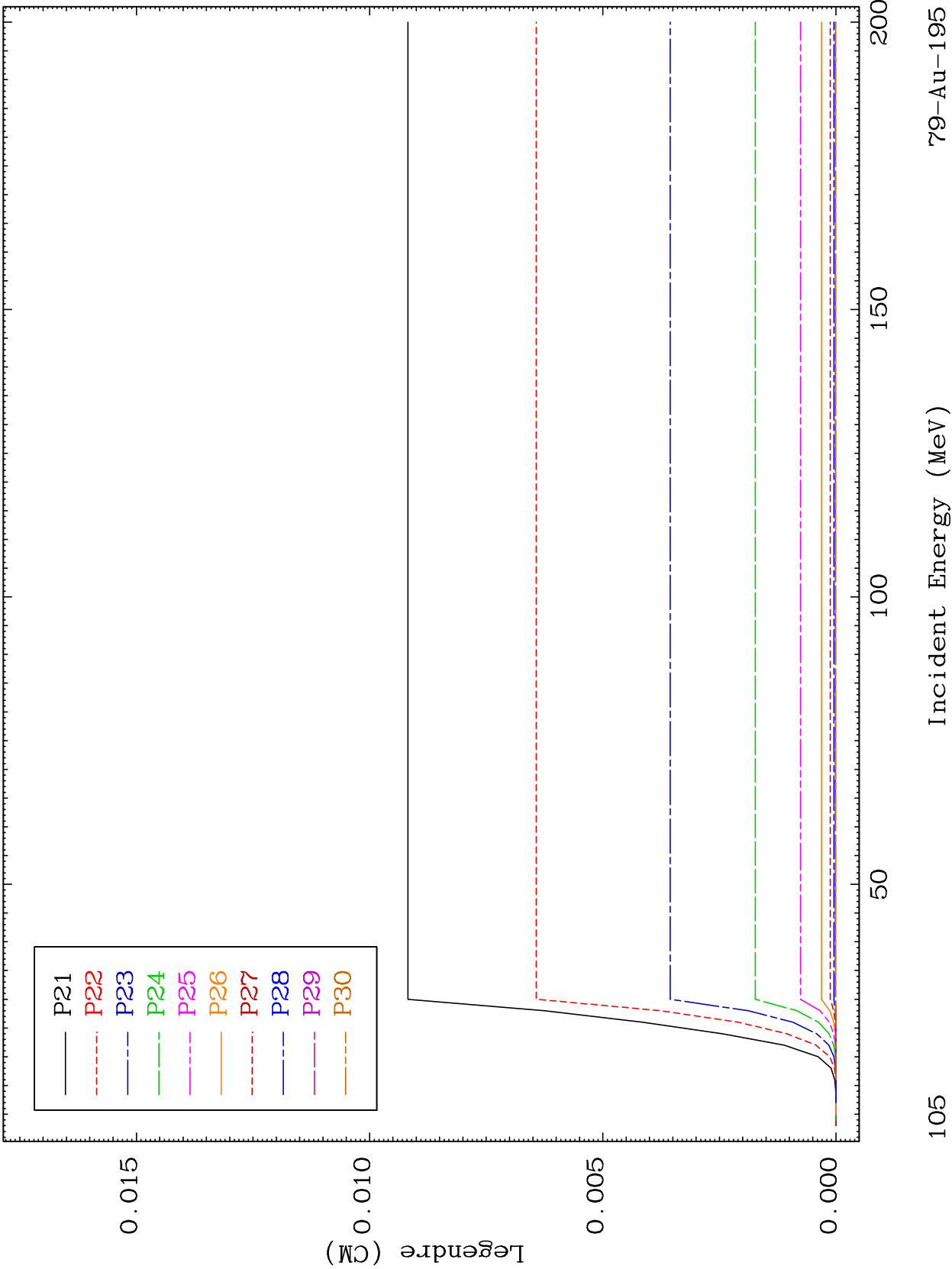
Incident Energy (MeV)

79-Au-195

MAT 7919

1.251 MeV (n, n') Level
Legendre Coefficients

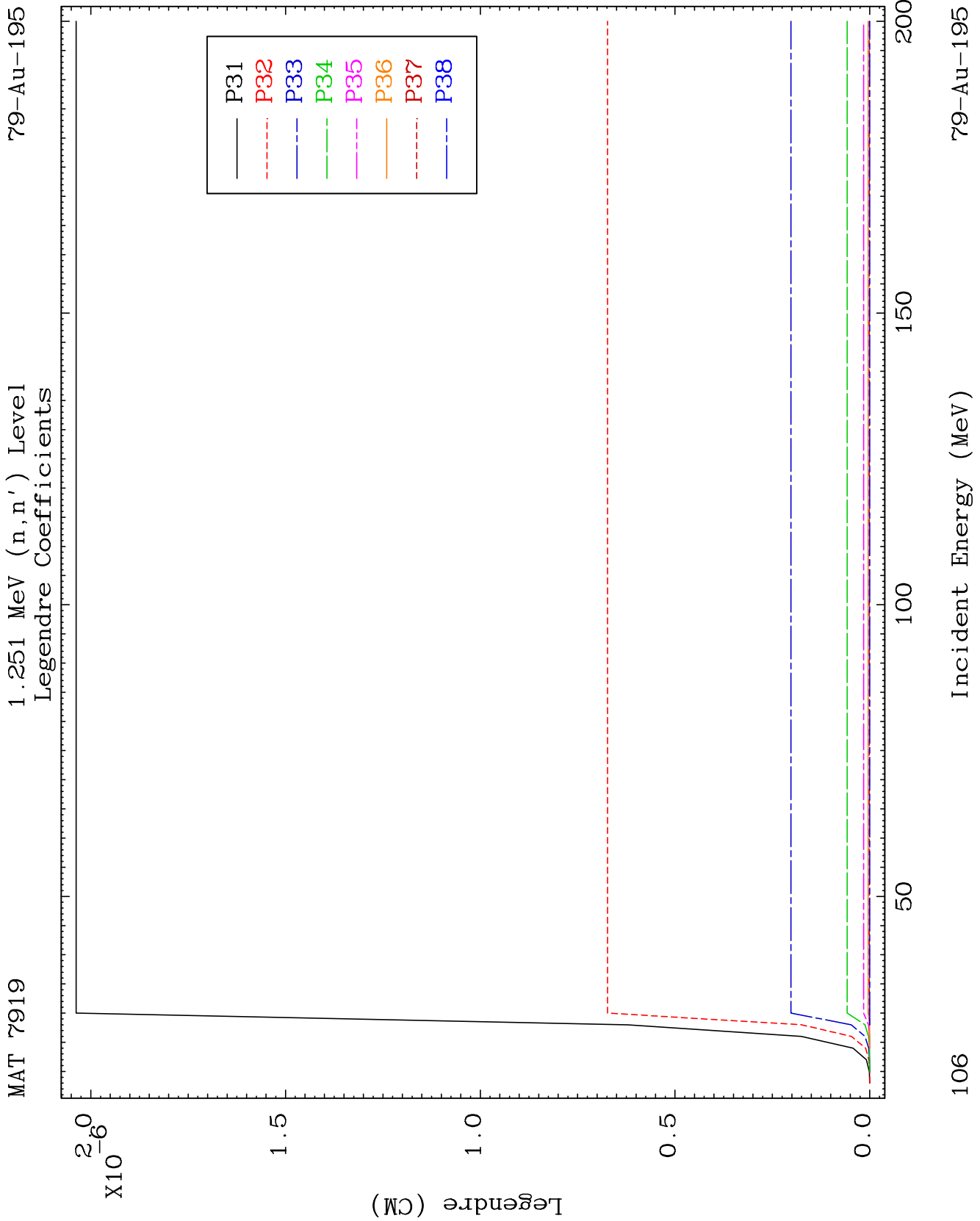
79-Au-195

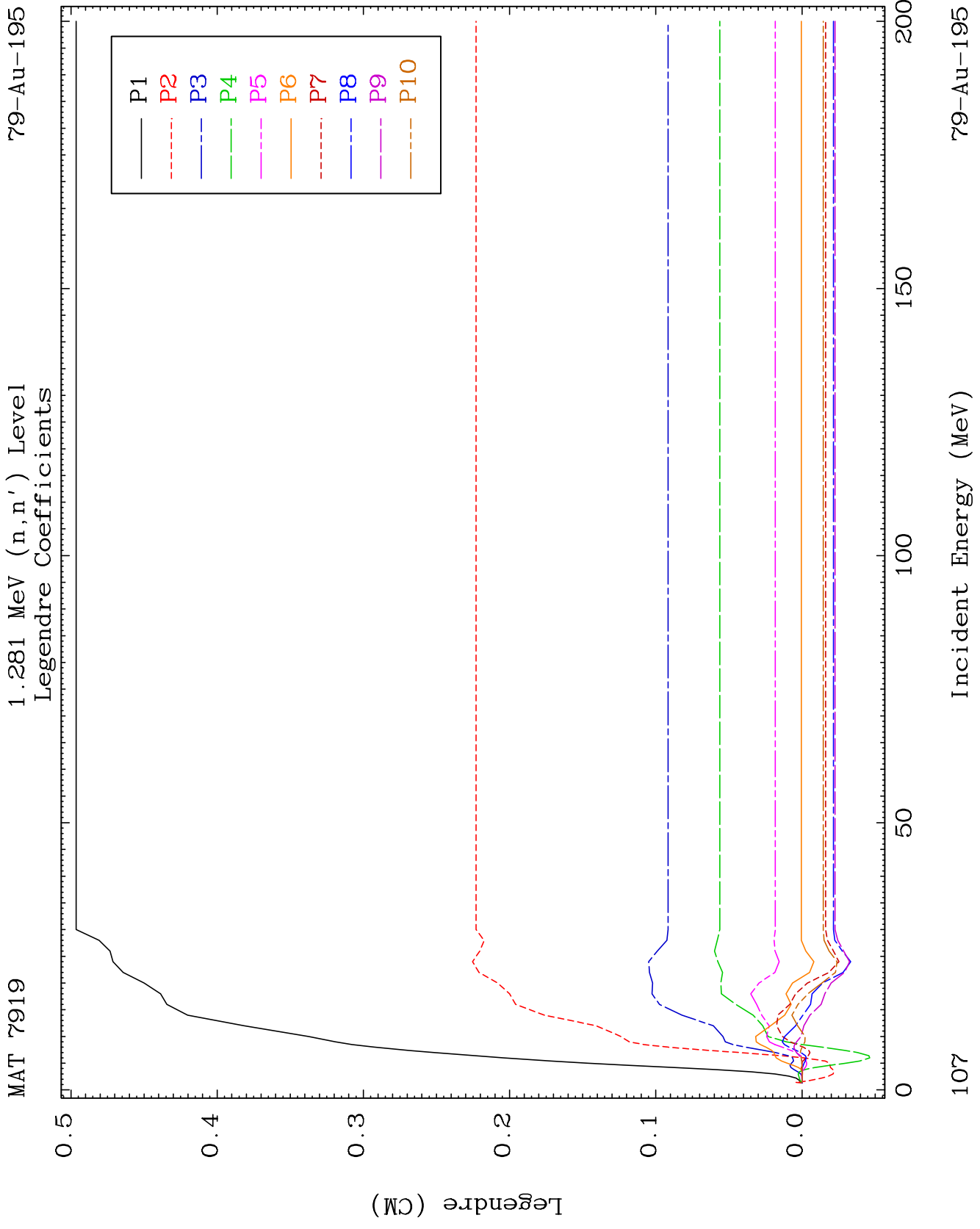


105

Incident Energy (MeV)

79-Au-195

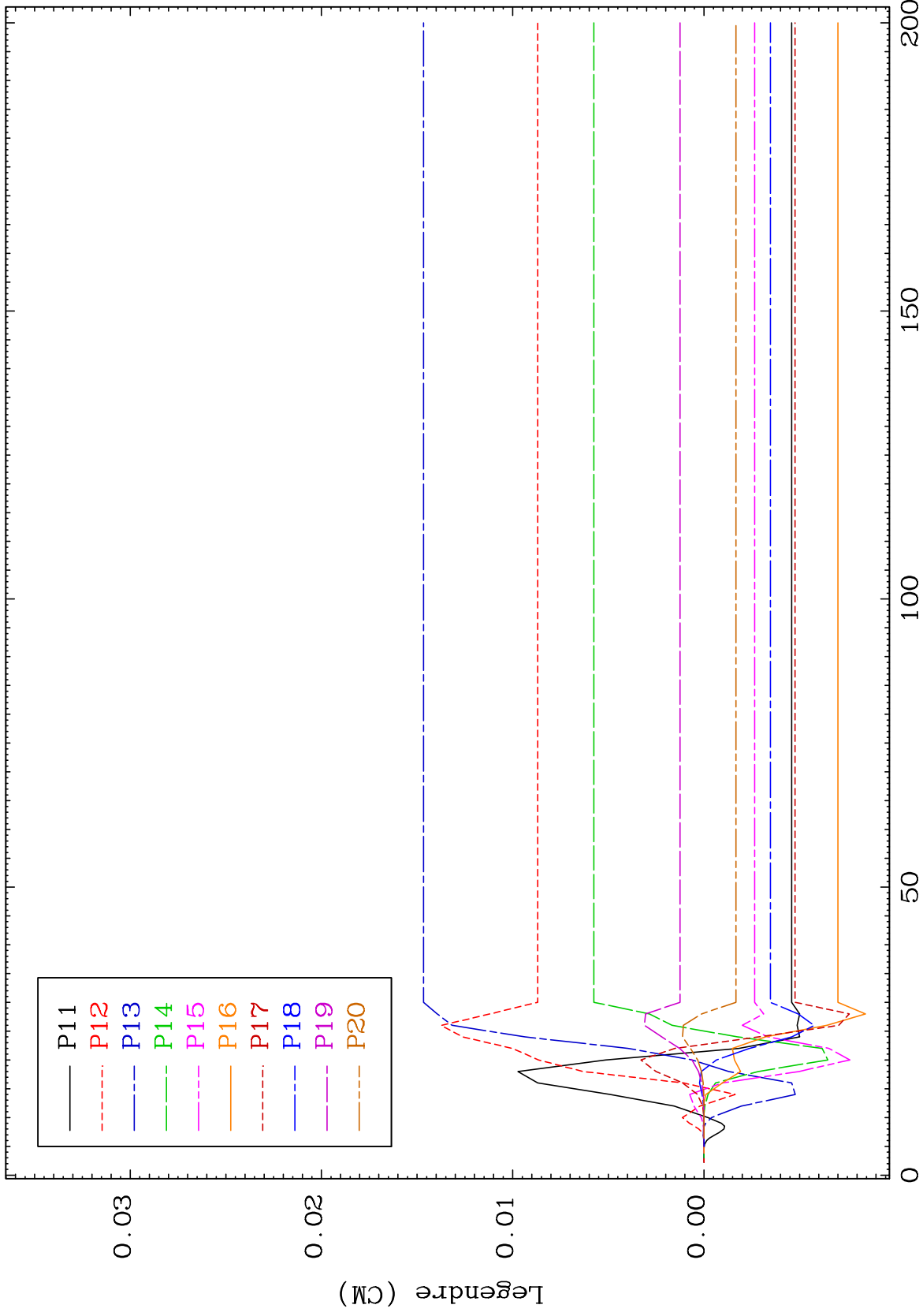




MAT 7919

1.281 MeV (n,n') Level
Legendre Coefficients

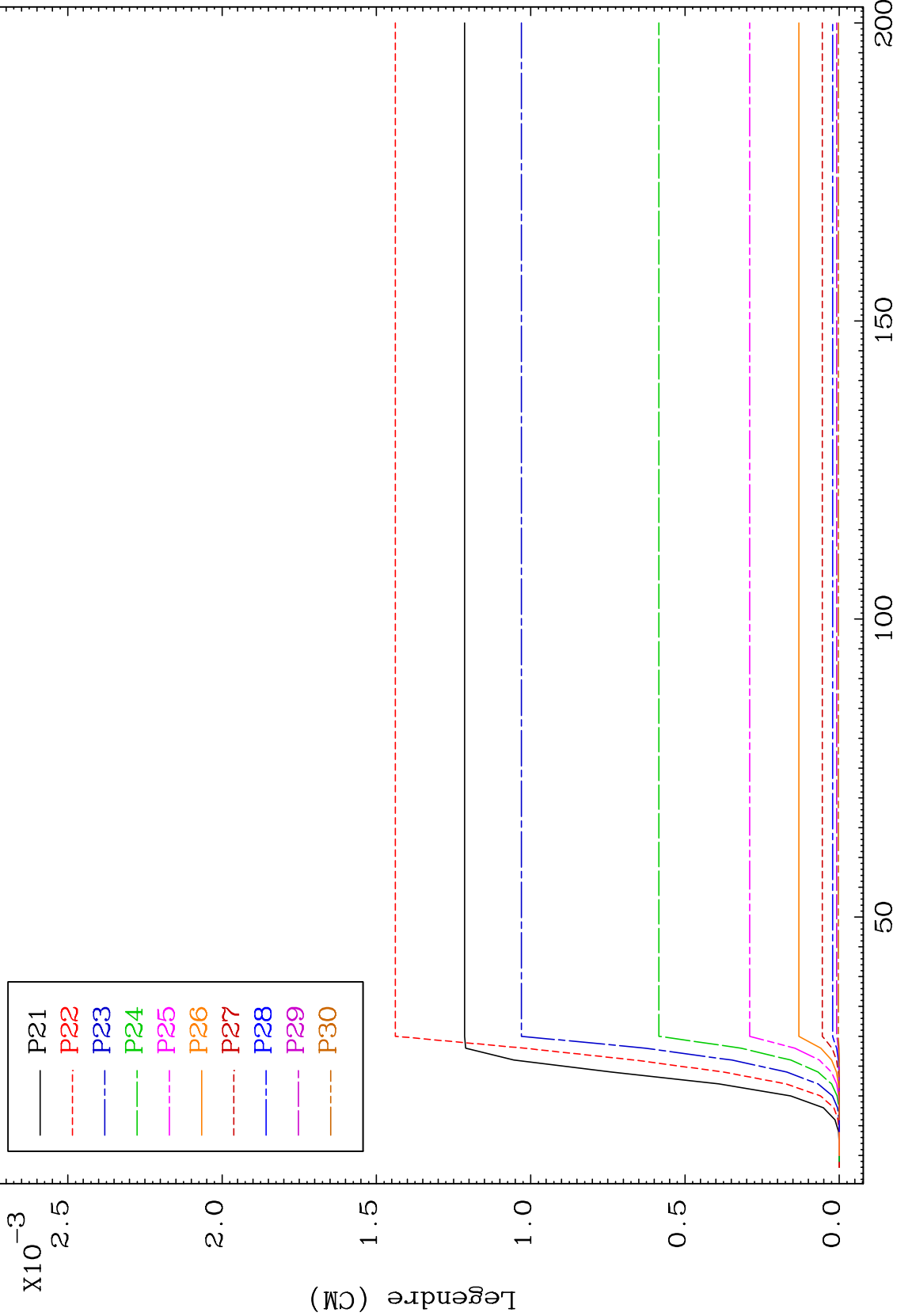
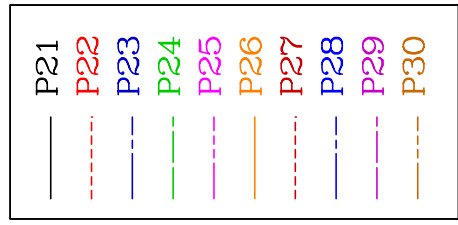
79-Au-195

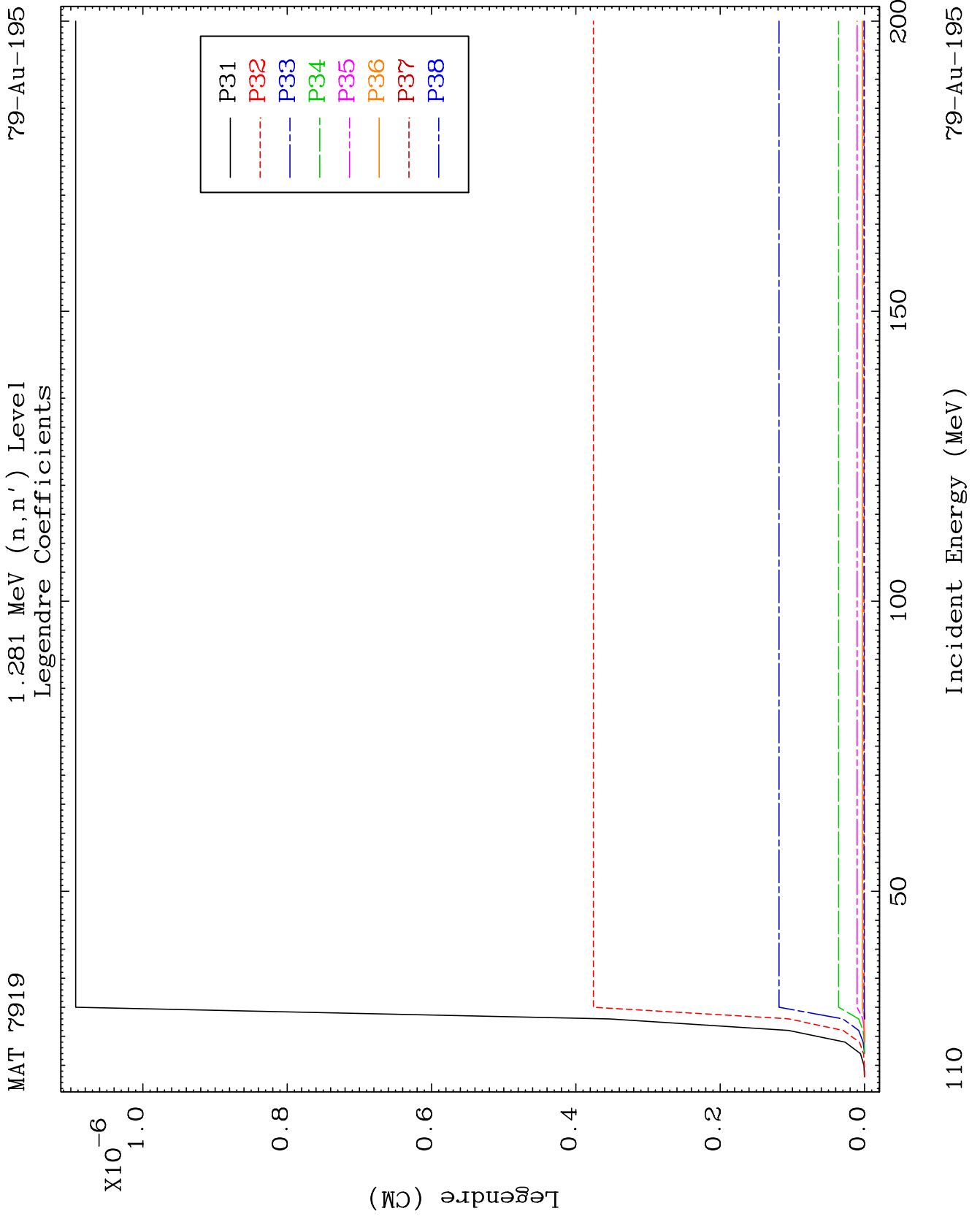


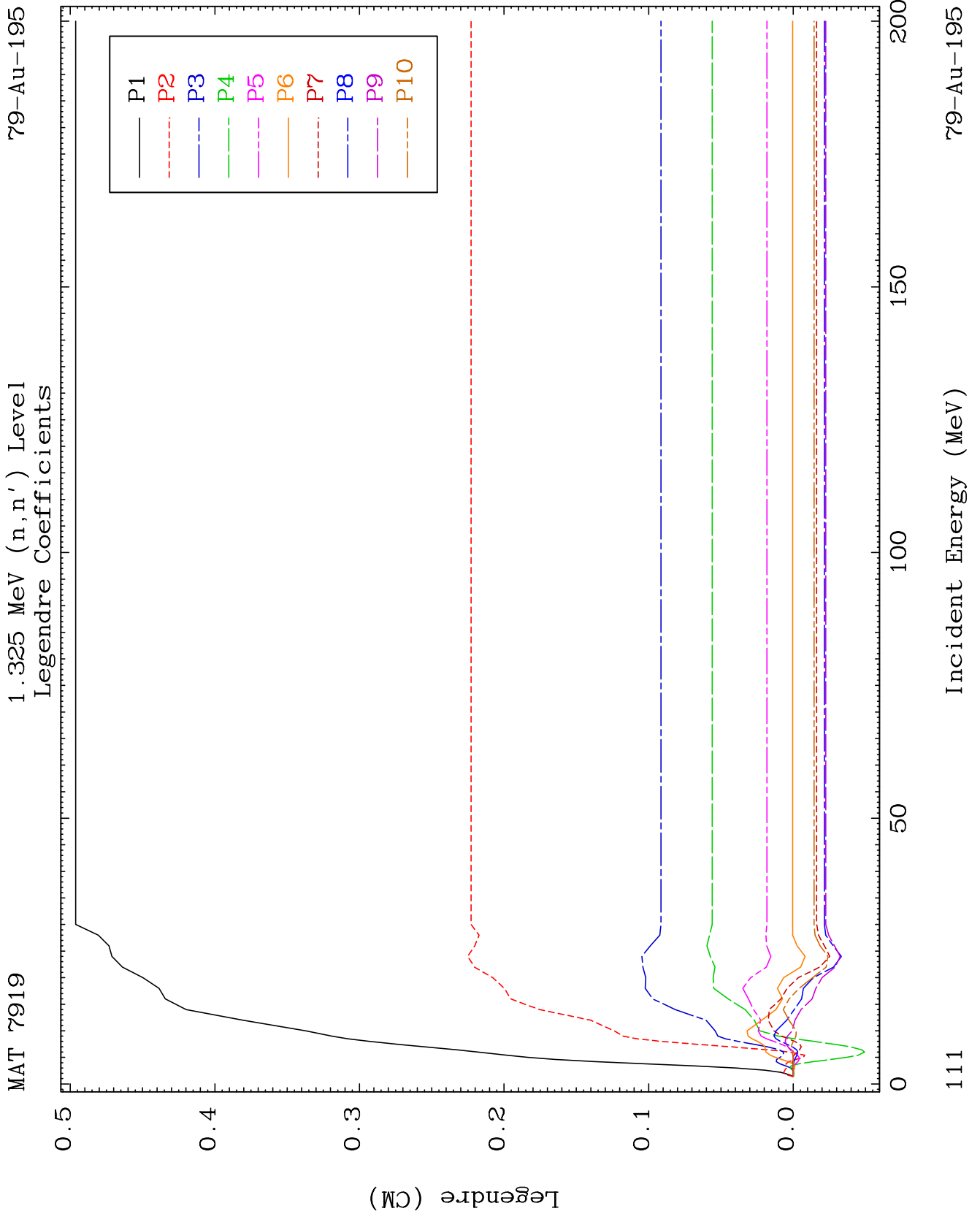
108

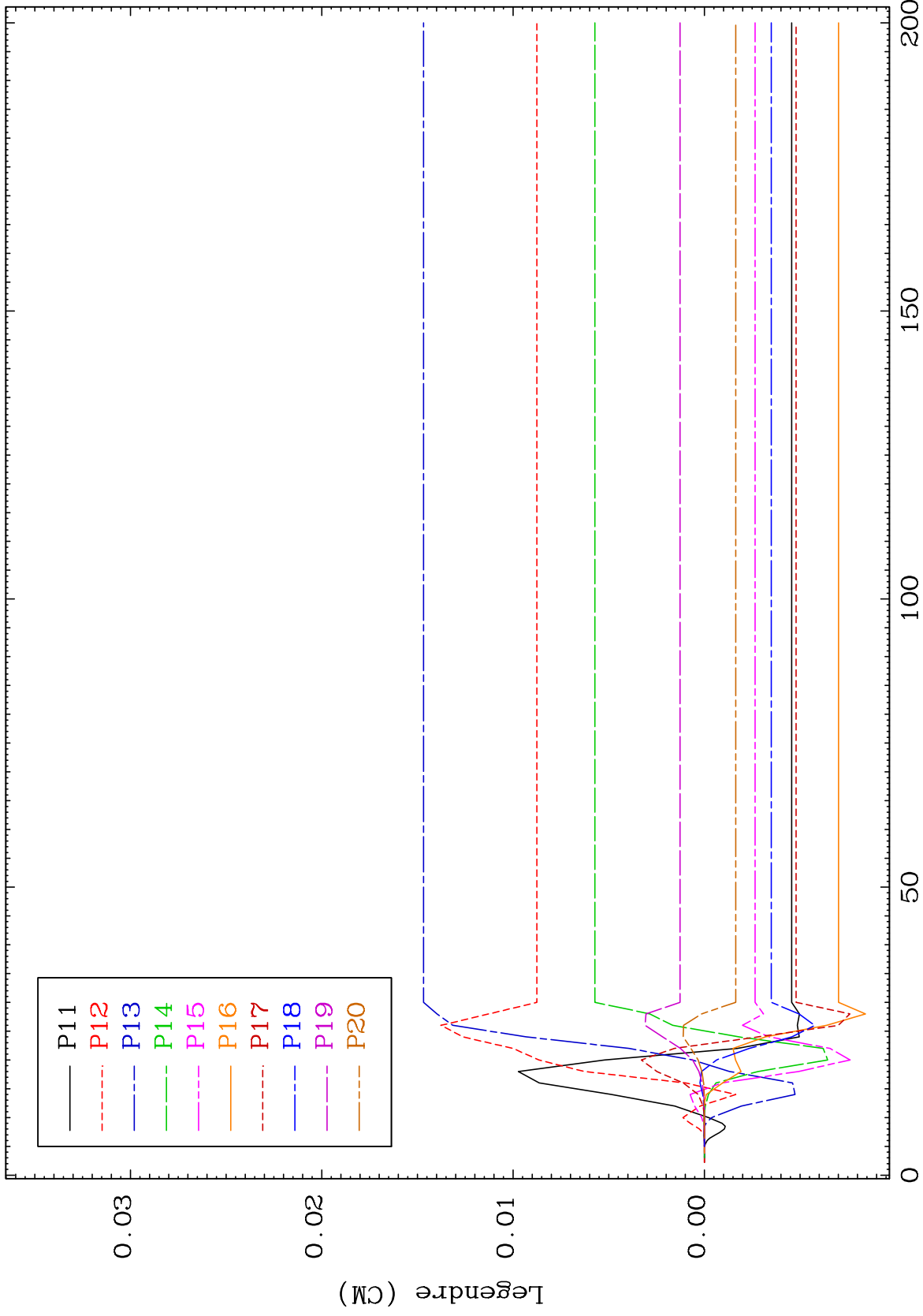
Incident Energy (MeV)

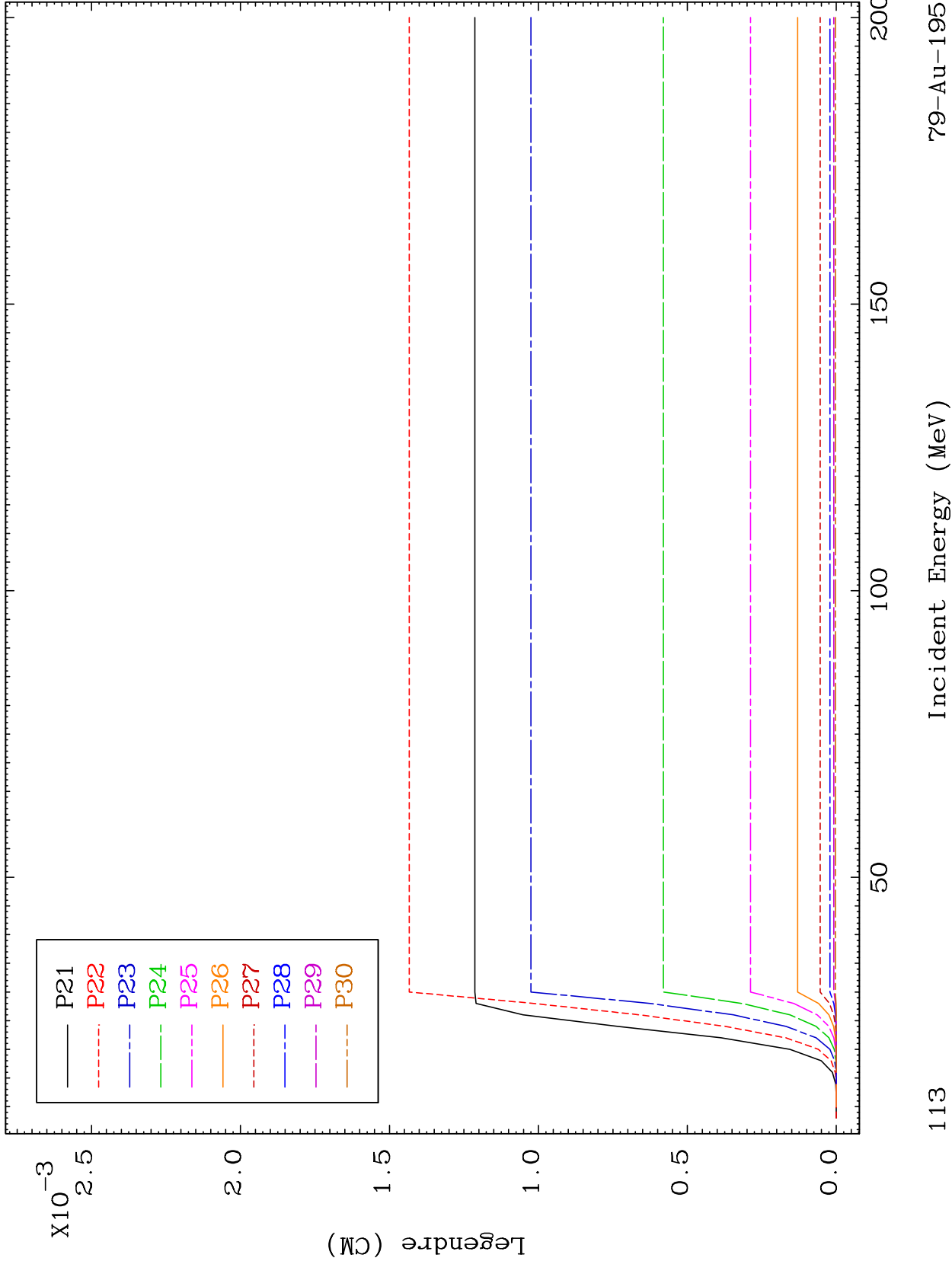
79-Au-195

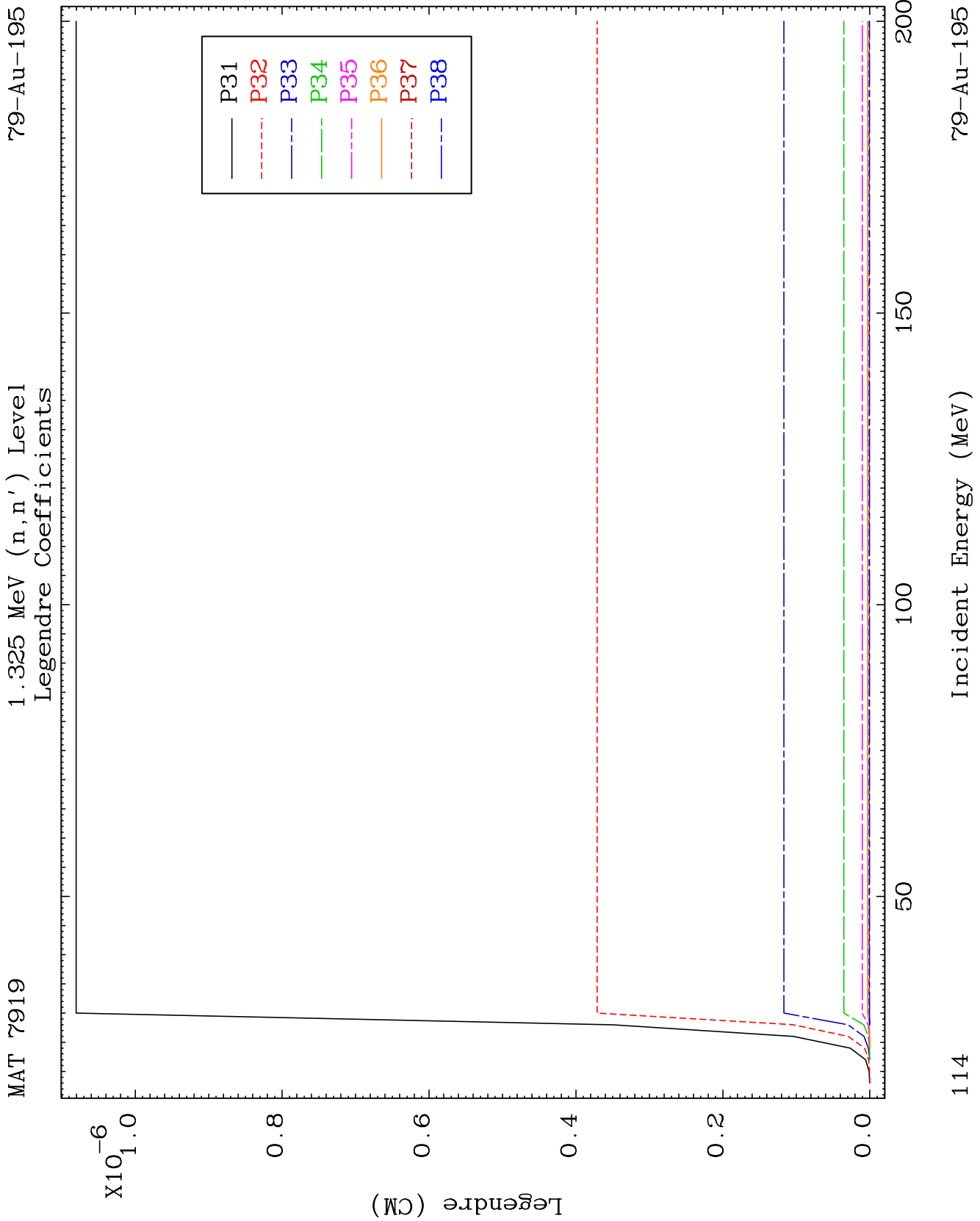








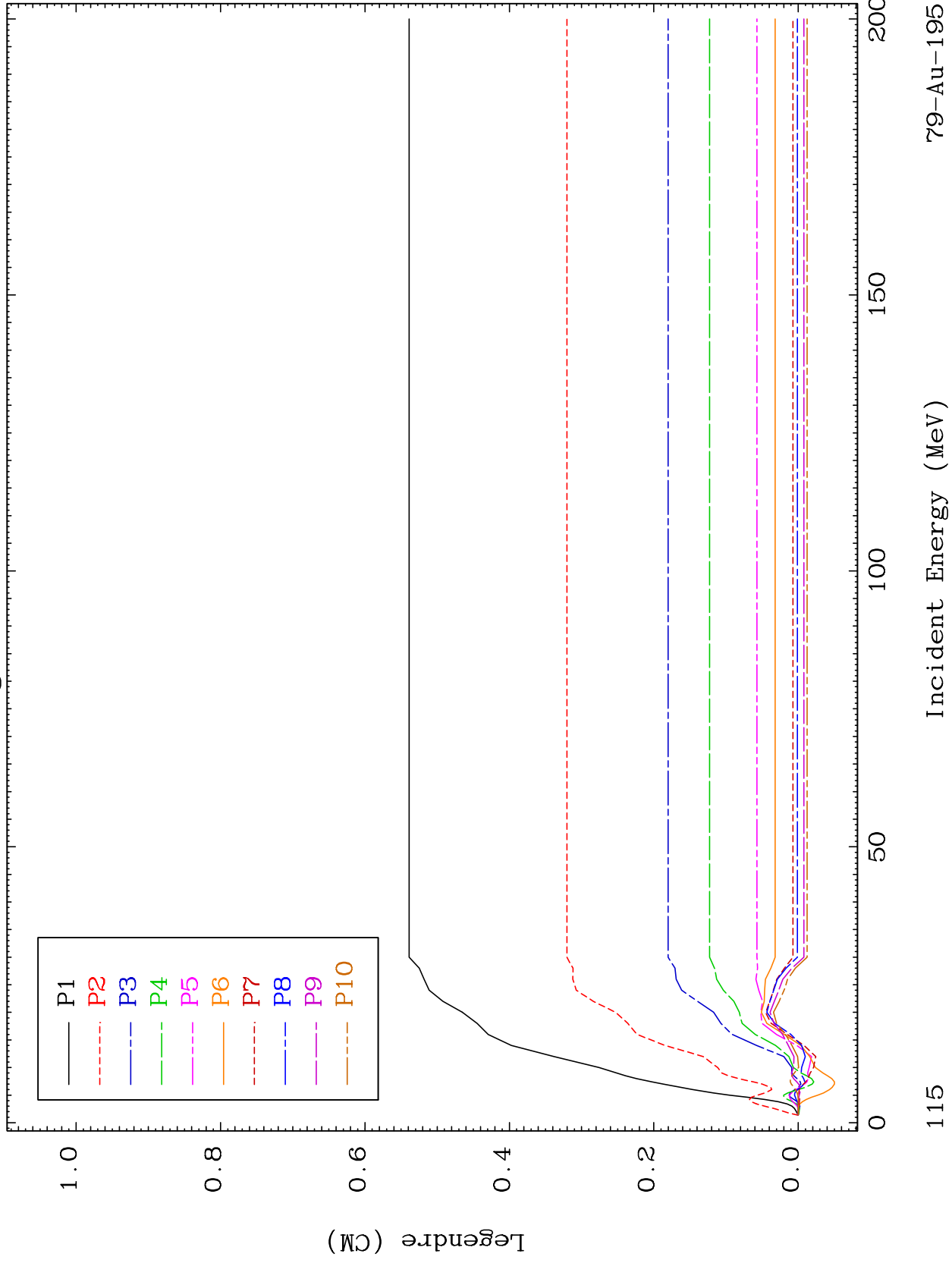




MAT 7919

1.335 MeV (n,n') Level
Legendre Coefficients

79-Au-195



79-Au-195

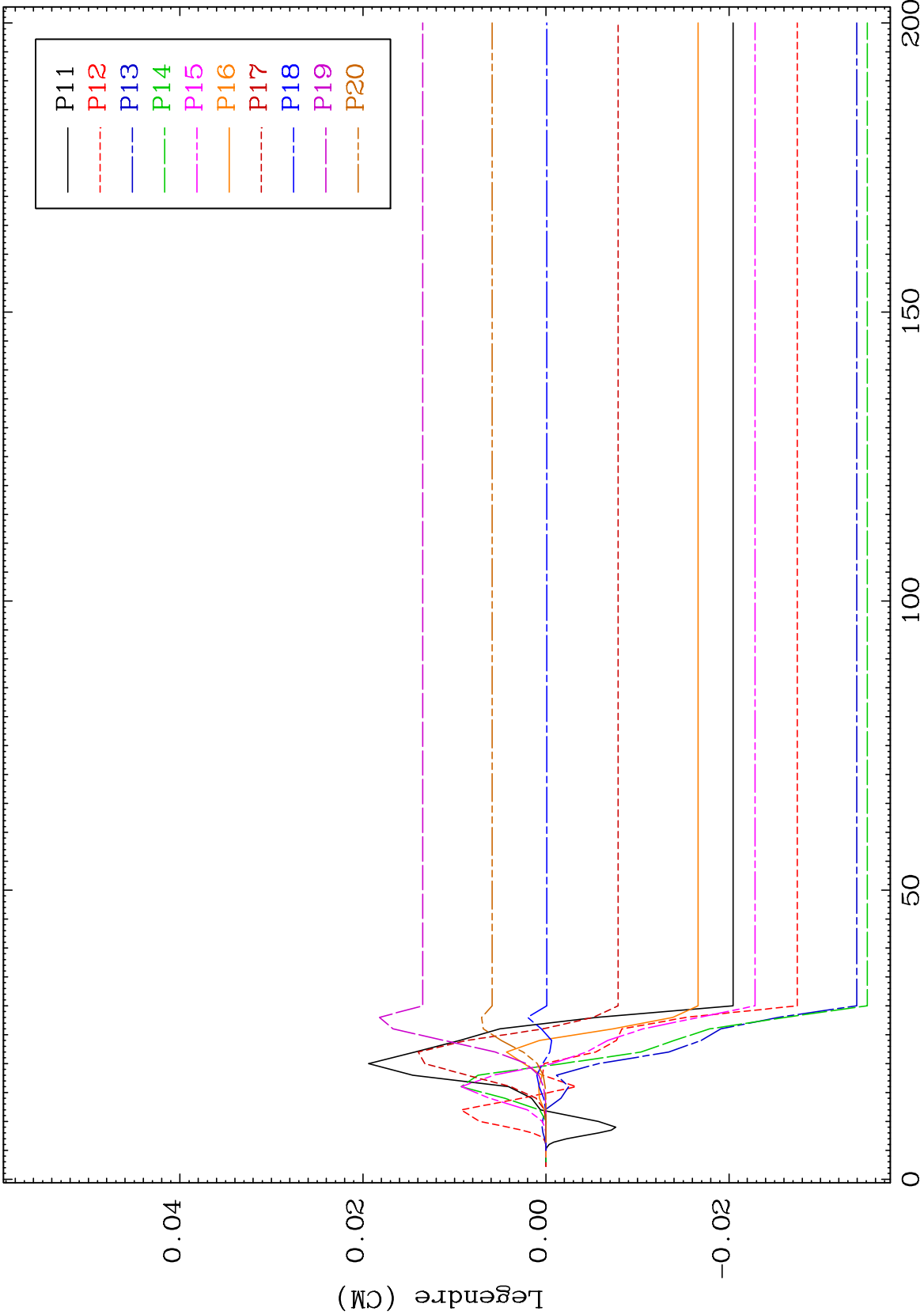
Incident Energy (MeV)

115

MAT 7919

1.335 MeV (n,n') Level Legendre Coefficients

79-Au-195



116

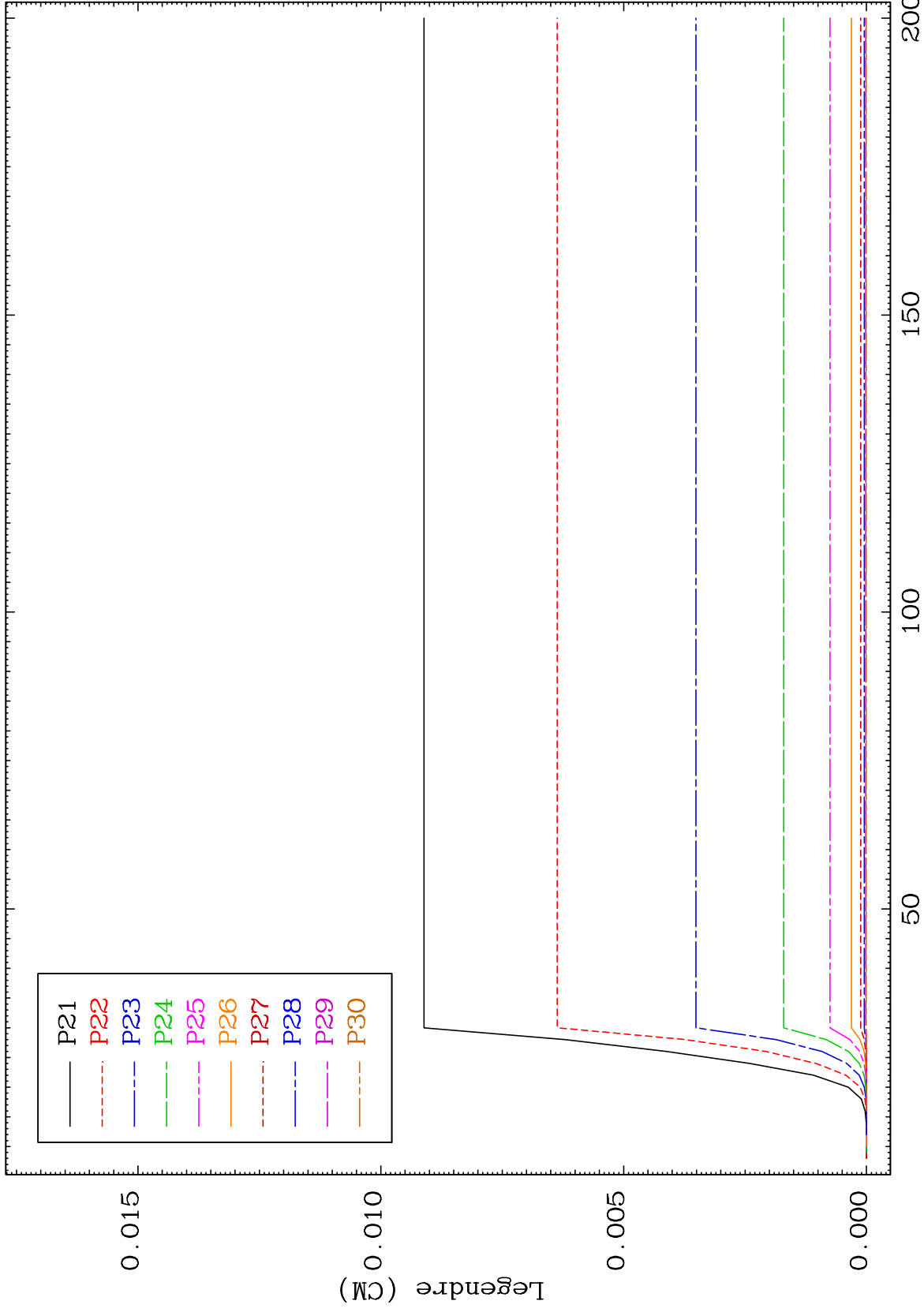
Incident Energy (MeV)

79-Au-195

MAT 7919

1.335 MeV (n,n') Level
Legendre Coefficients

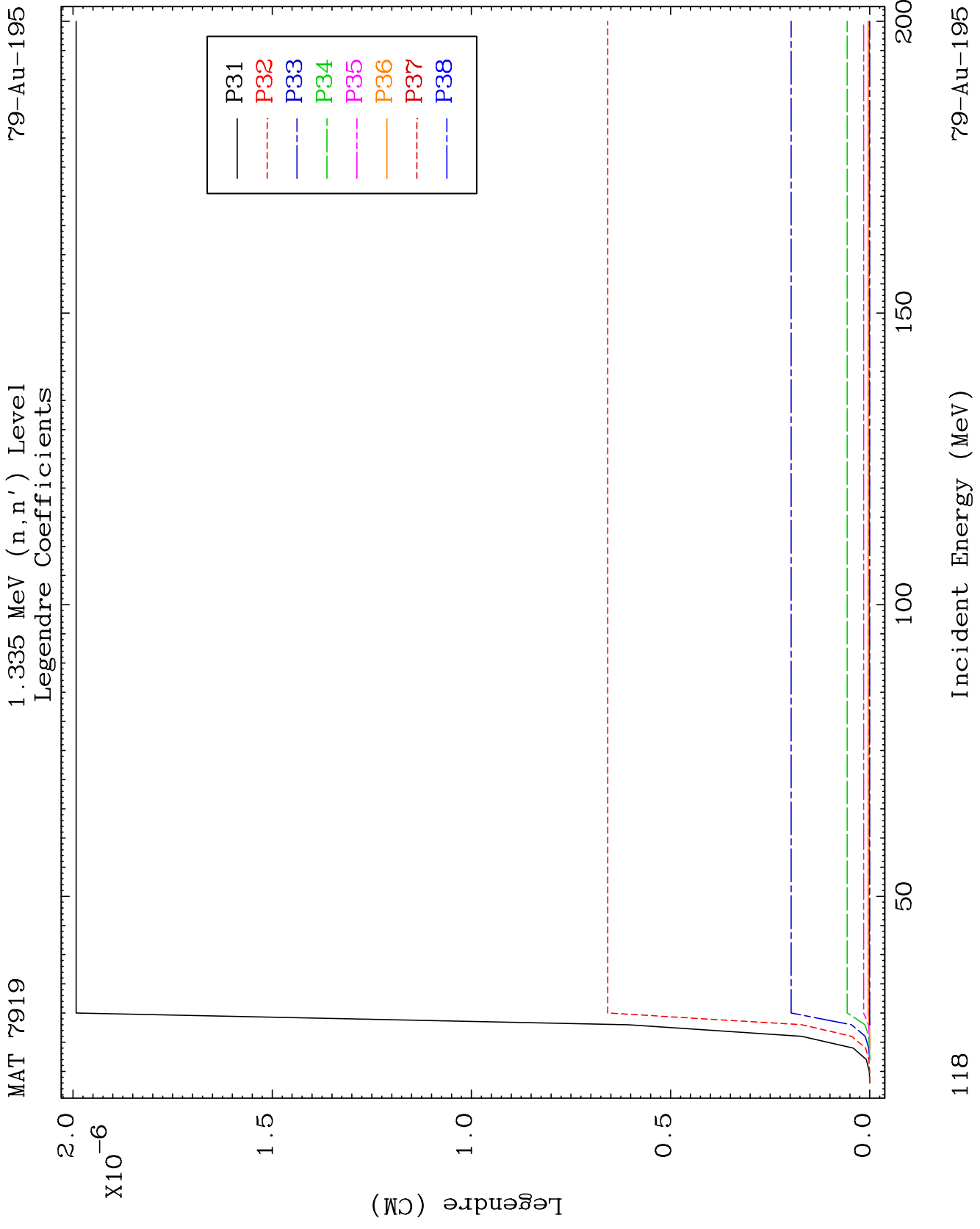
79-Au-195

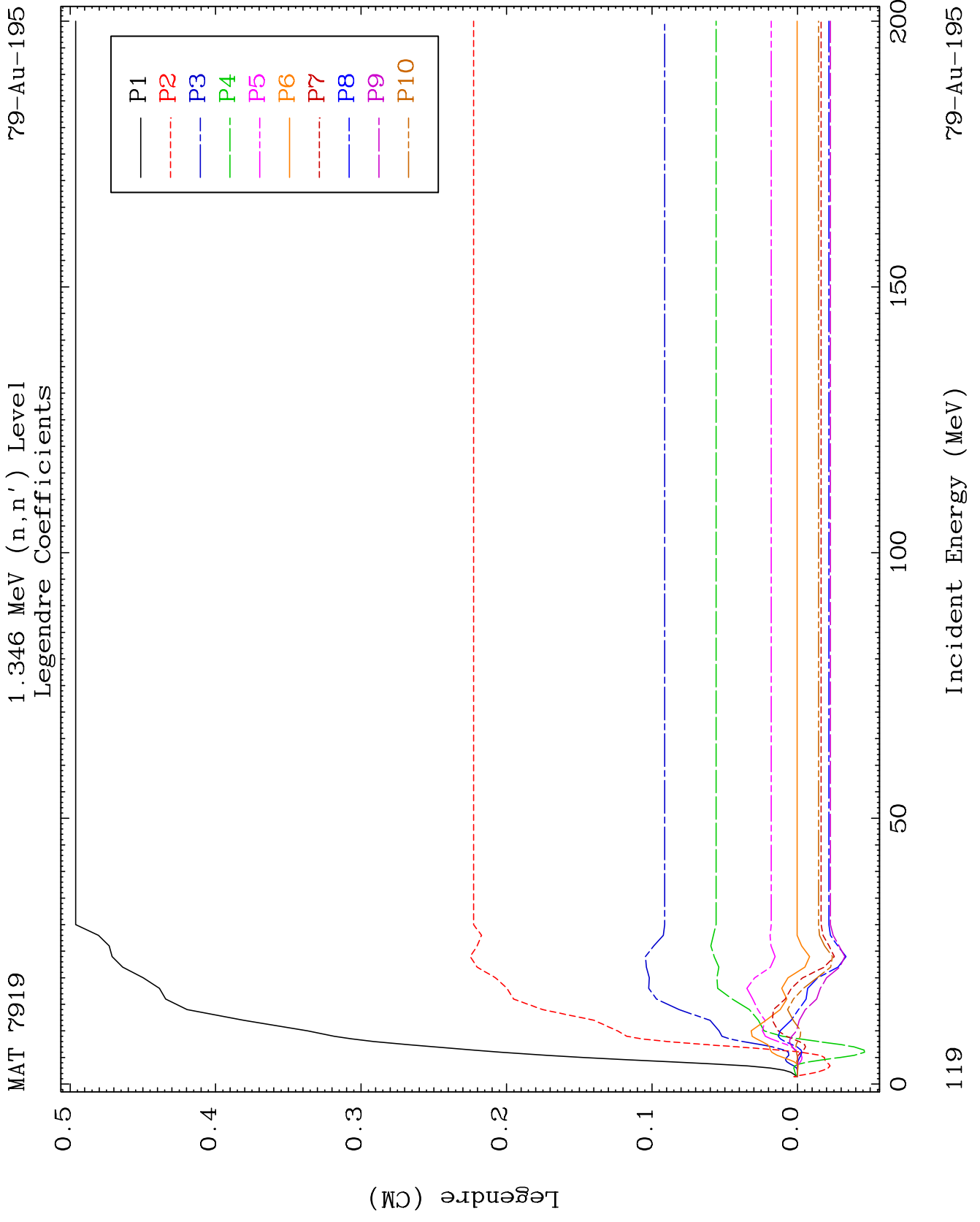


117

Incident Energy (MeV)

79-Au-195

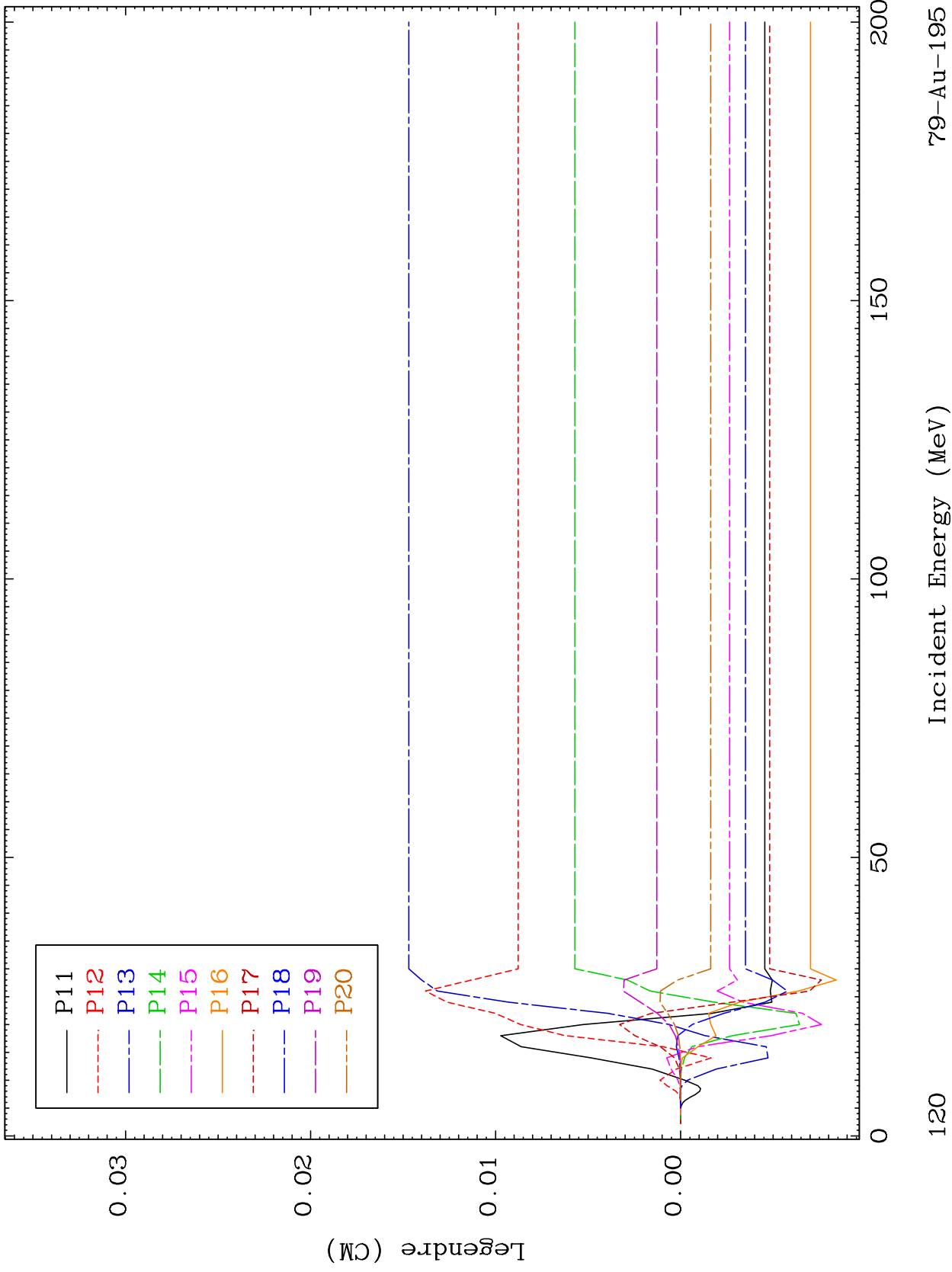




MAT 7919

1.346 MeV (n,n') Level
Legendre Coefficients

79-Au-195



79-Au-195

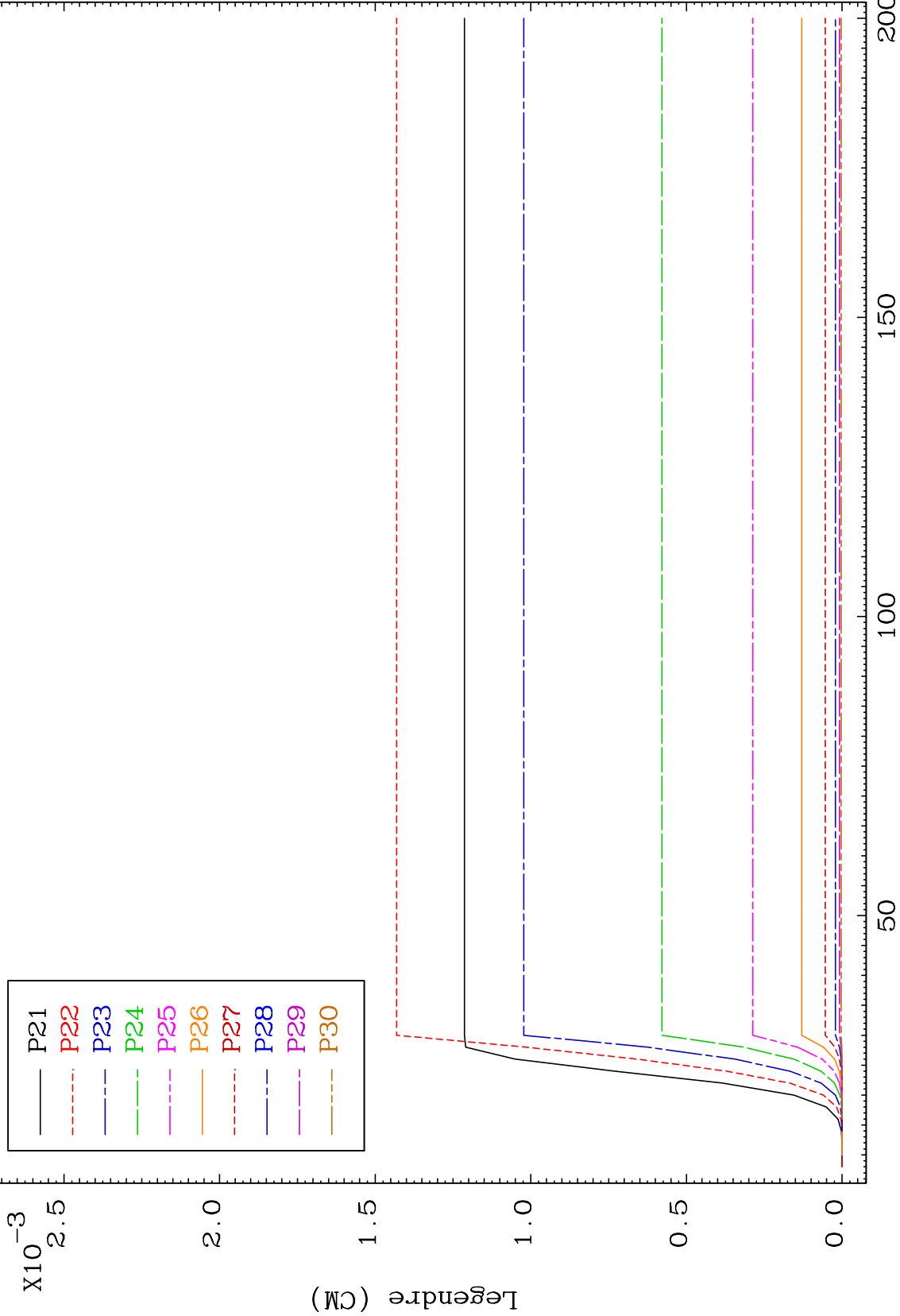
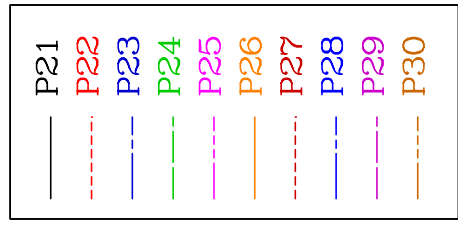
Incident Energy (MeV)

120

MAT 7919

1.346 MeV (n,n') Level
Legendre Coefficients

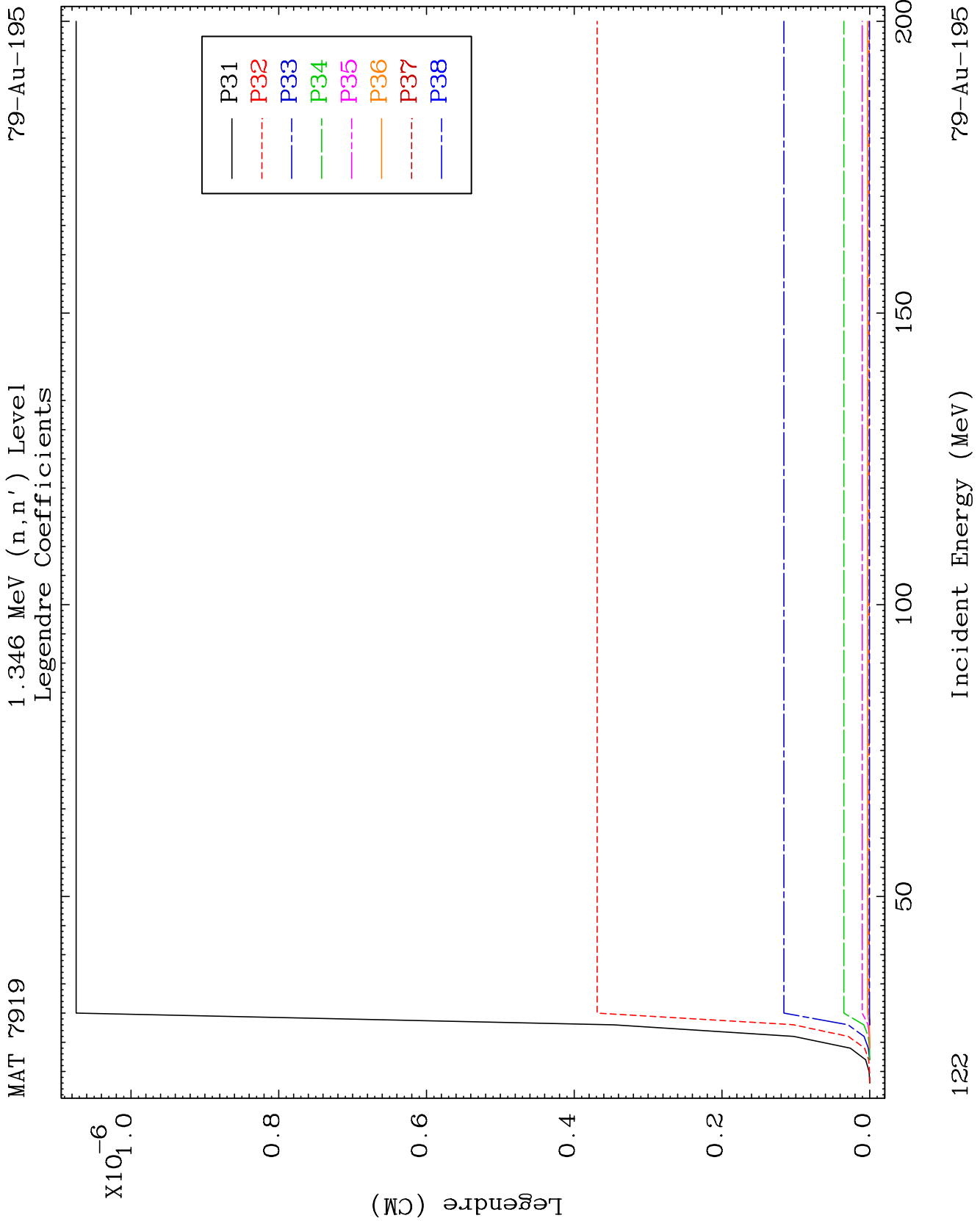
79-Au-195



121

Incident Energy (MeV)

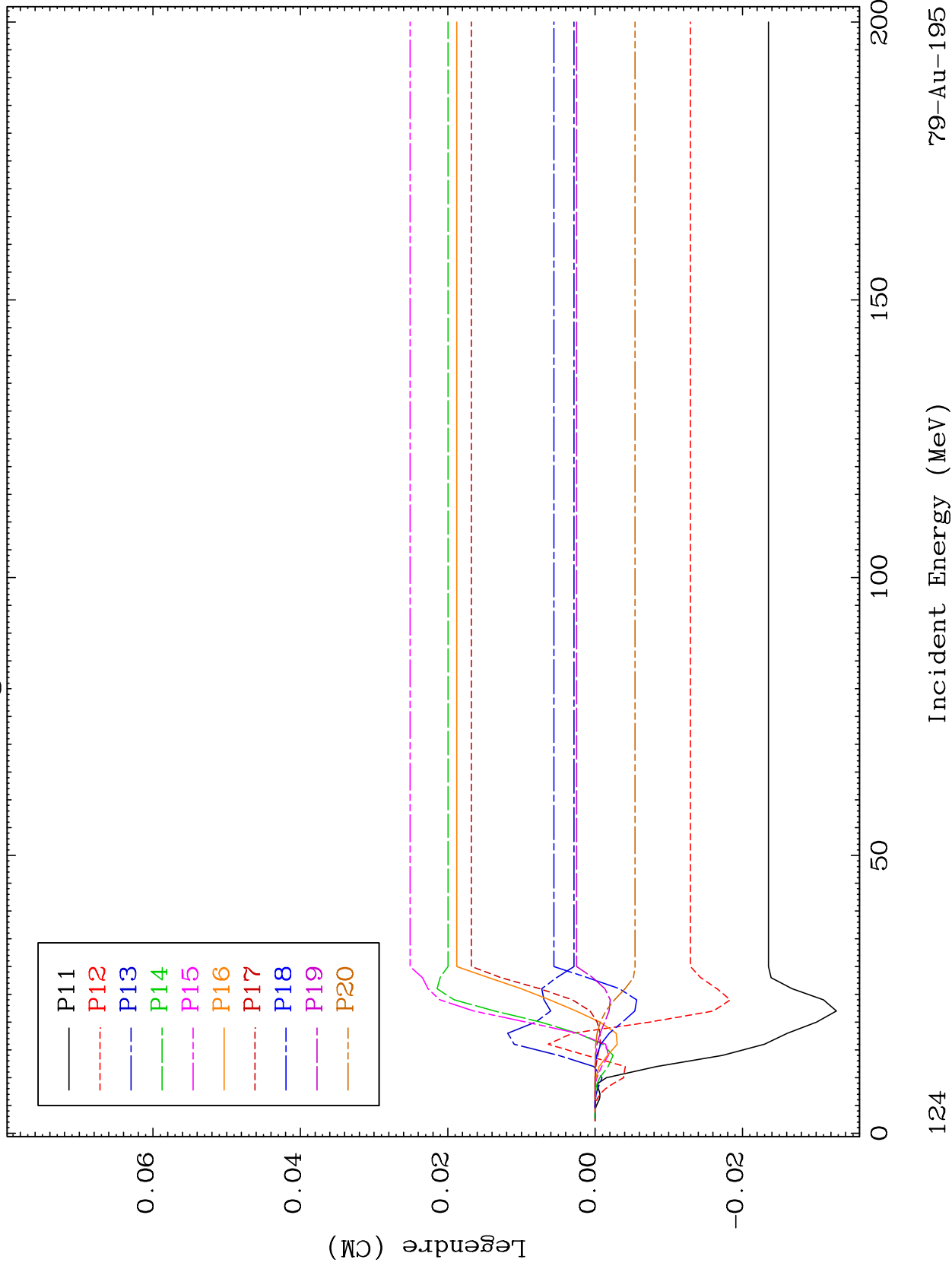
79-Au-195



MAT 7919

1.354 MeV (n,n') Level
Legendre Coefficients

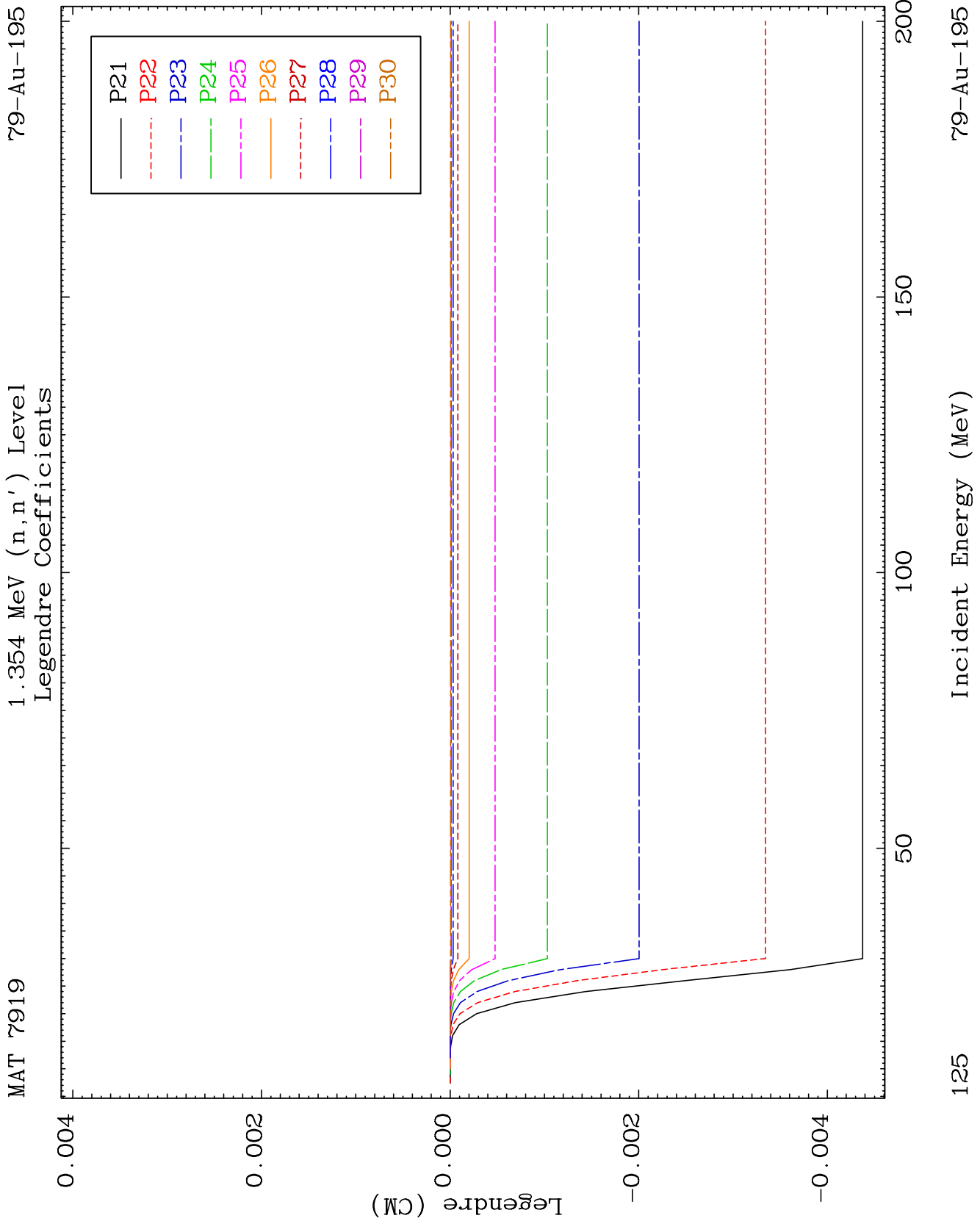
79-Au-195

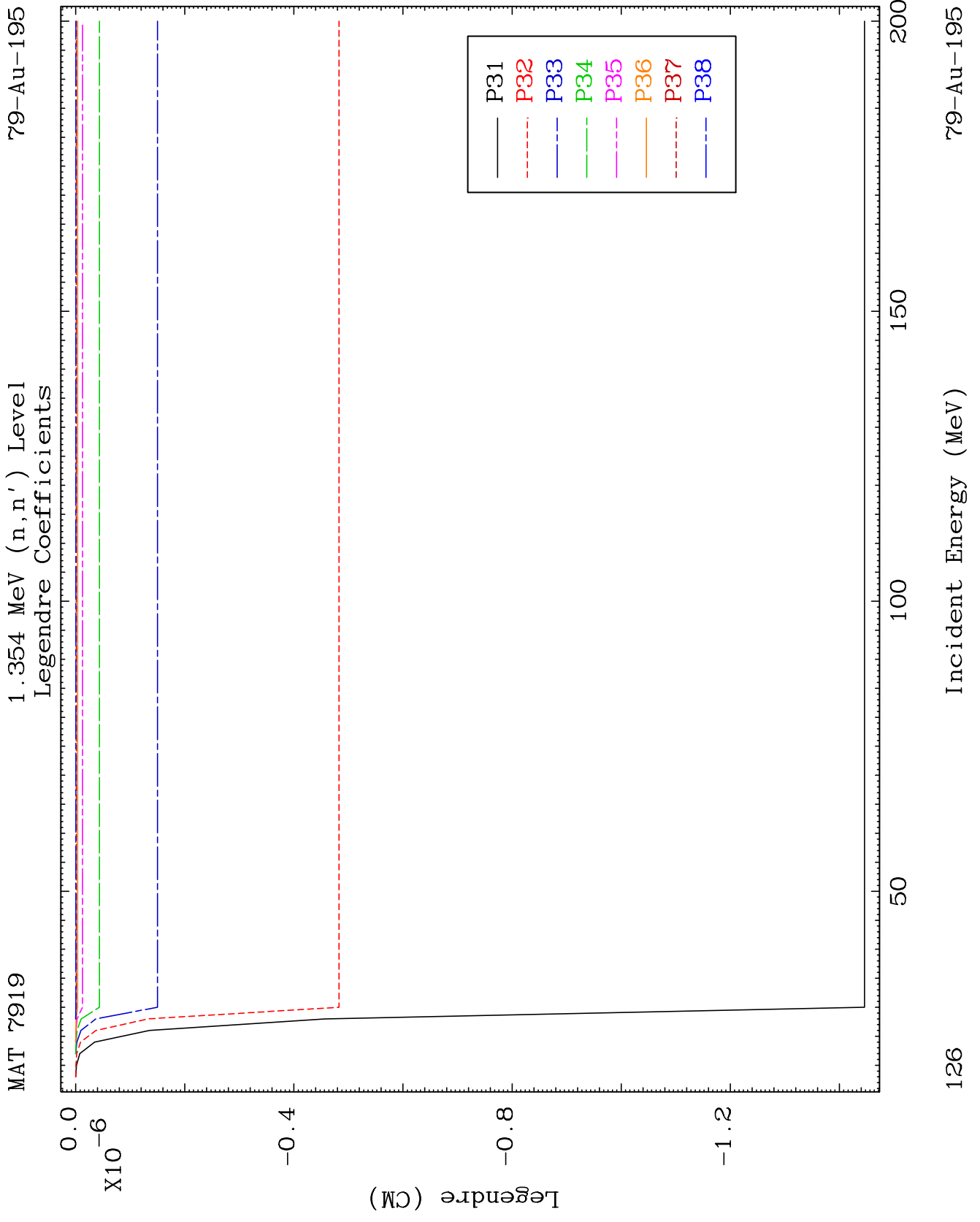


124

Incident Energy (MeV)

79-Au-195

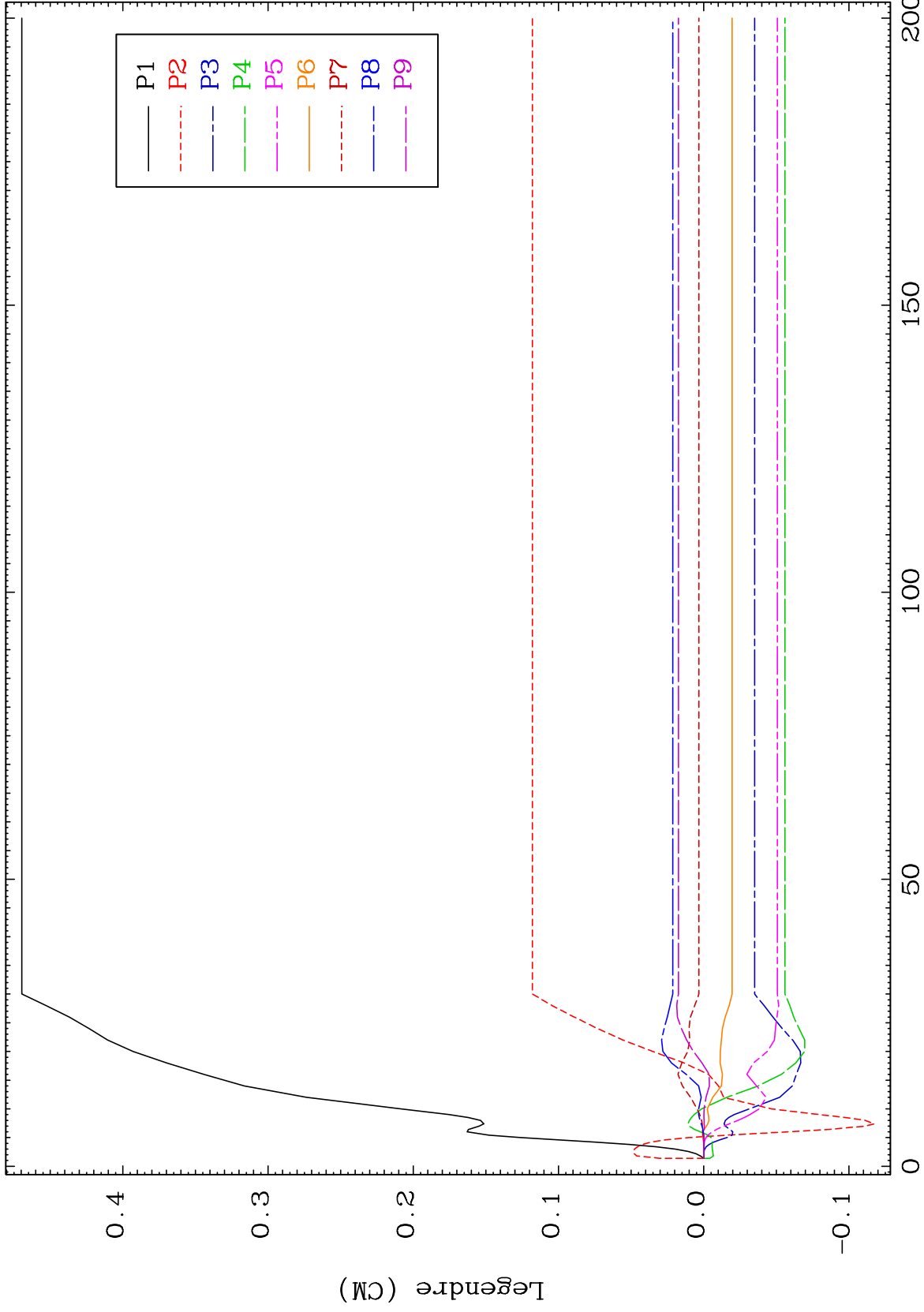




MAT 7919

1.366 MeV (n,n') Level
Legendre Coefficients

79-Au-195



127

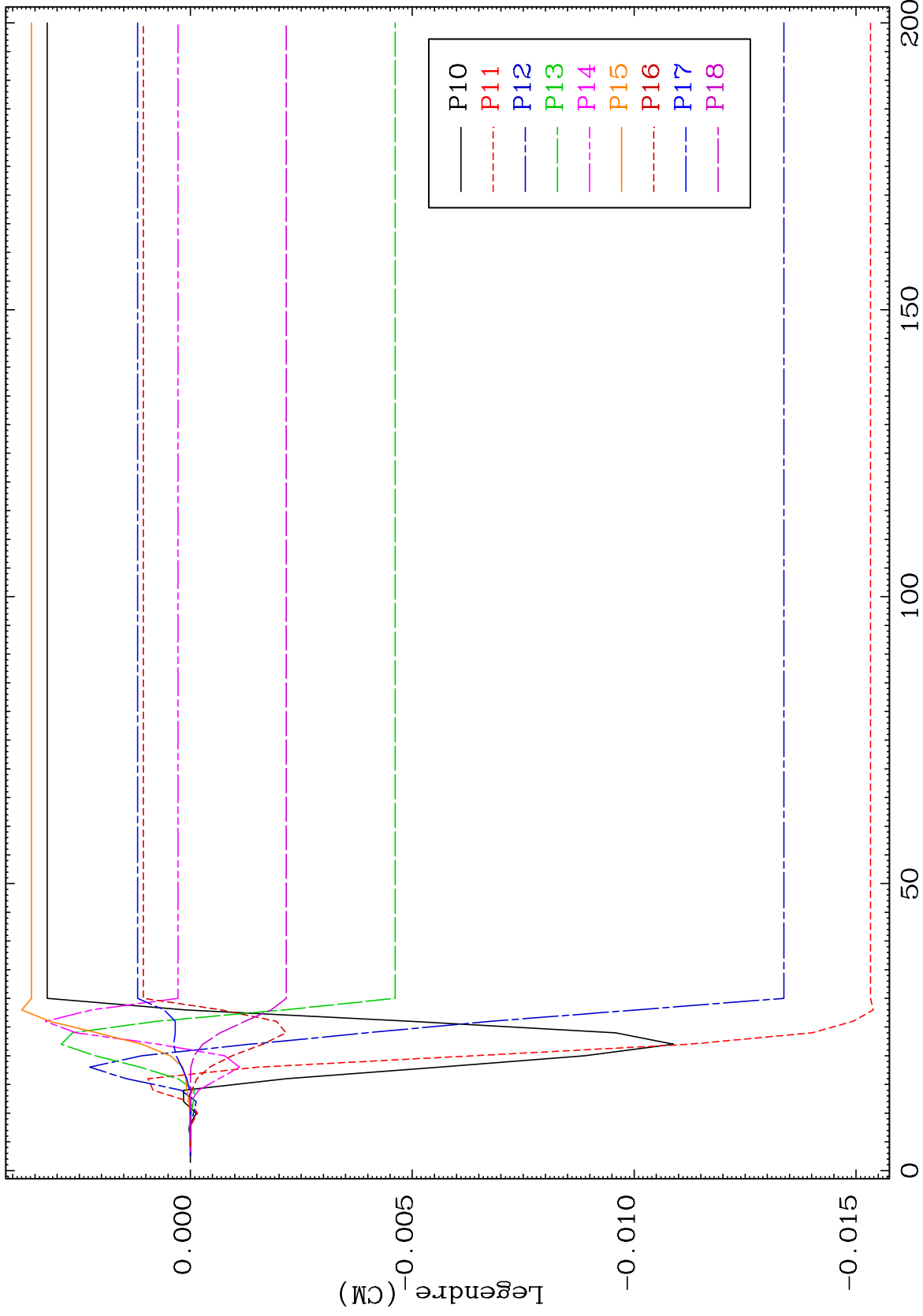
Incident Energy (MeV)

79-Au-195

MAT 7919

1.366 MeV (n,n') Level
Legendre Coefficients

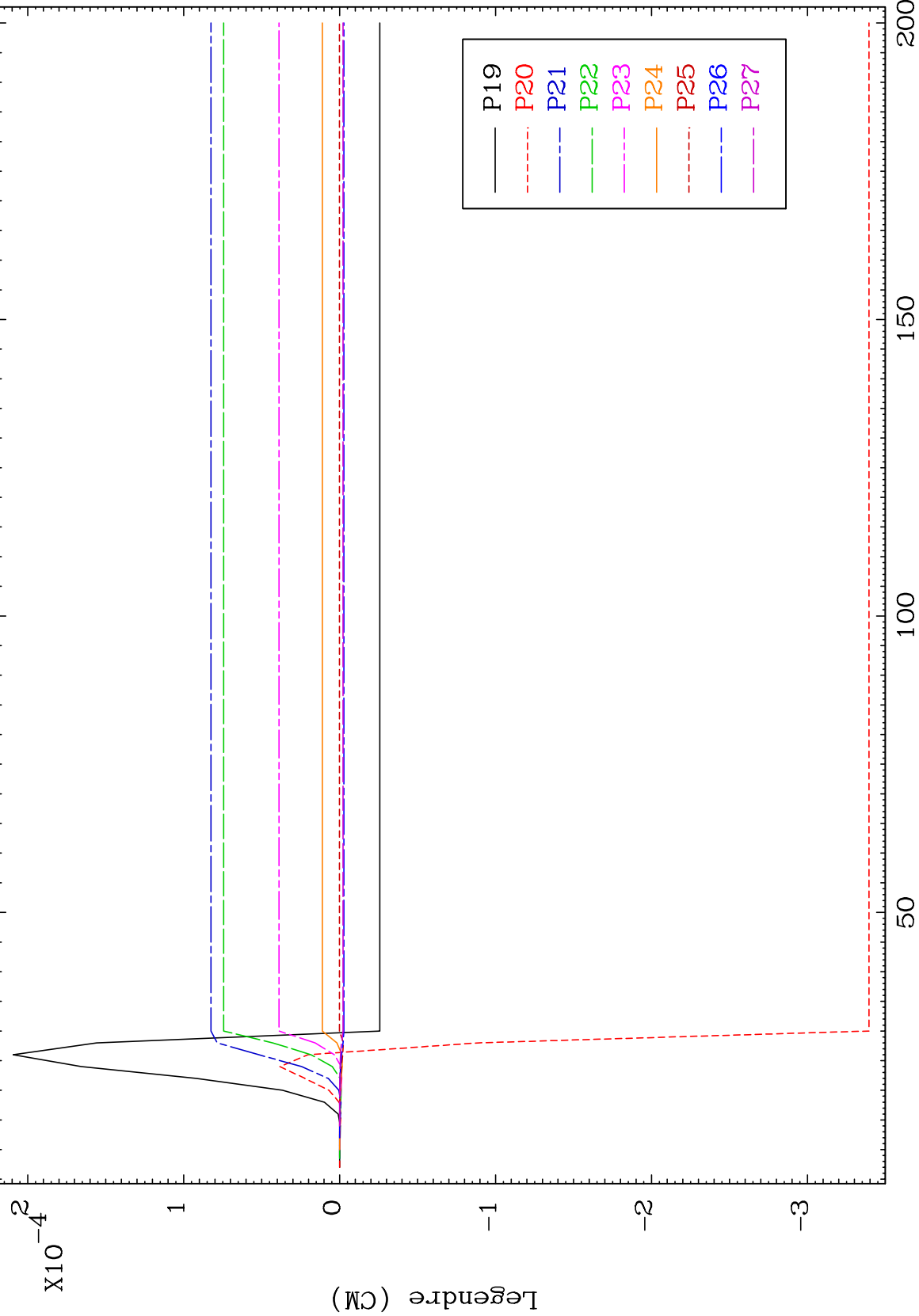
79-Au-195

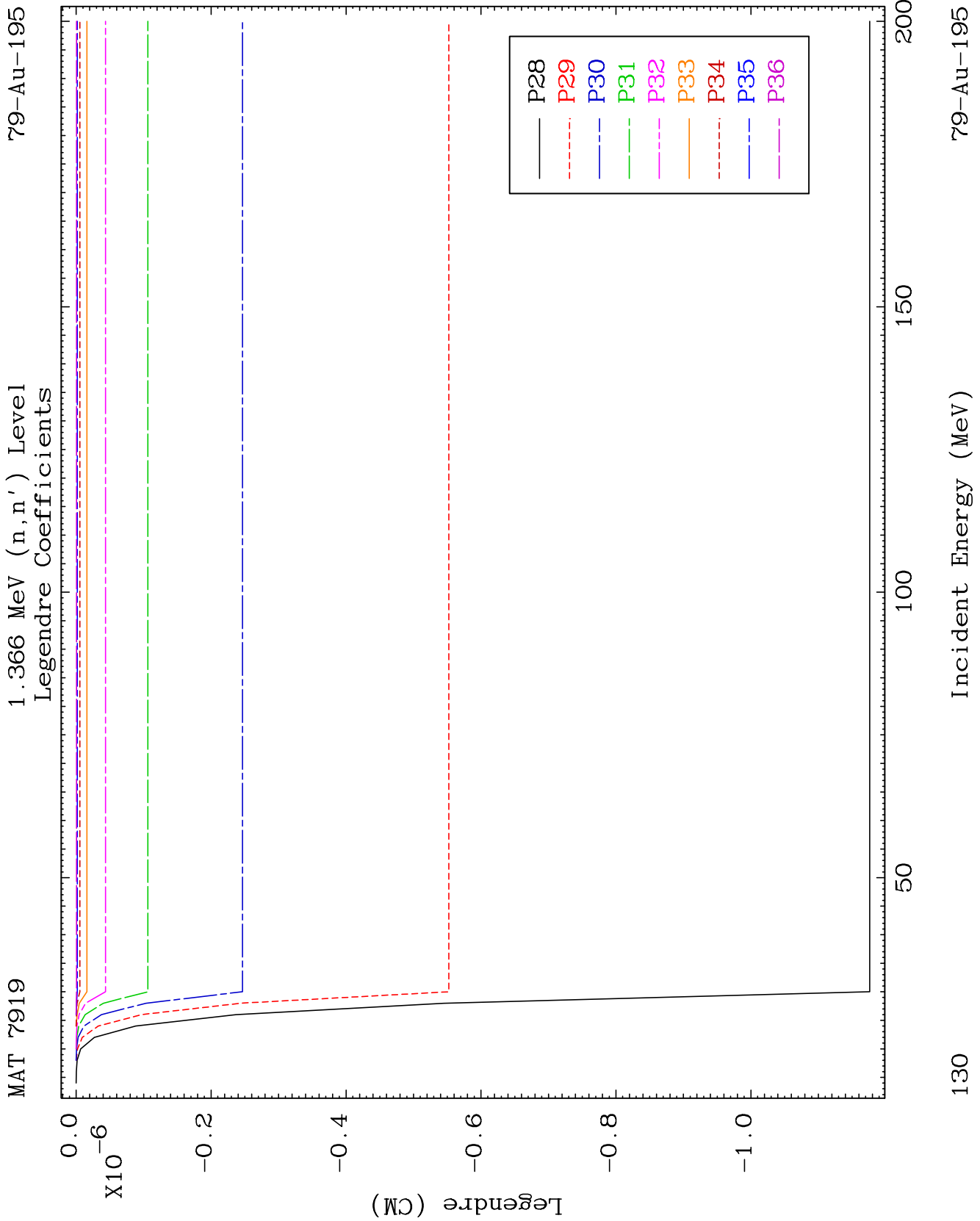


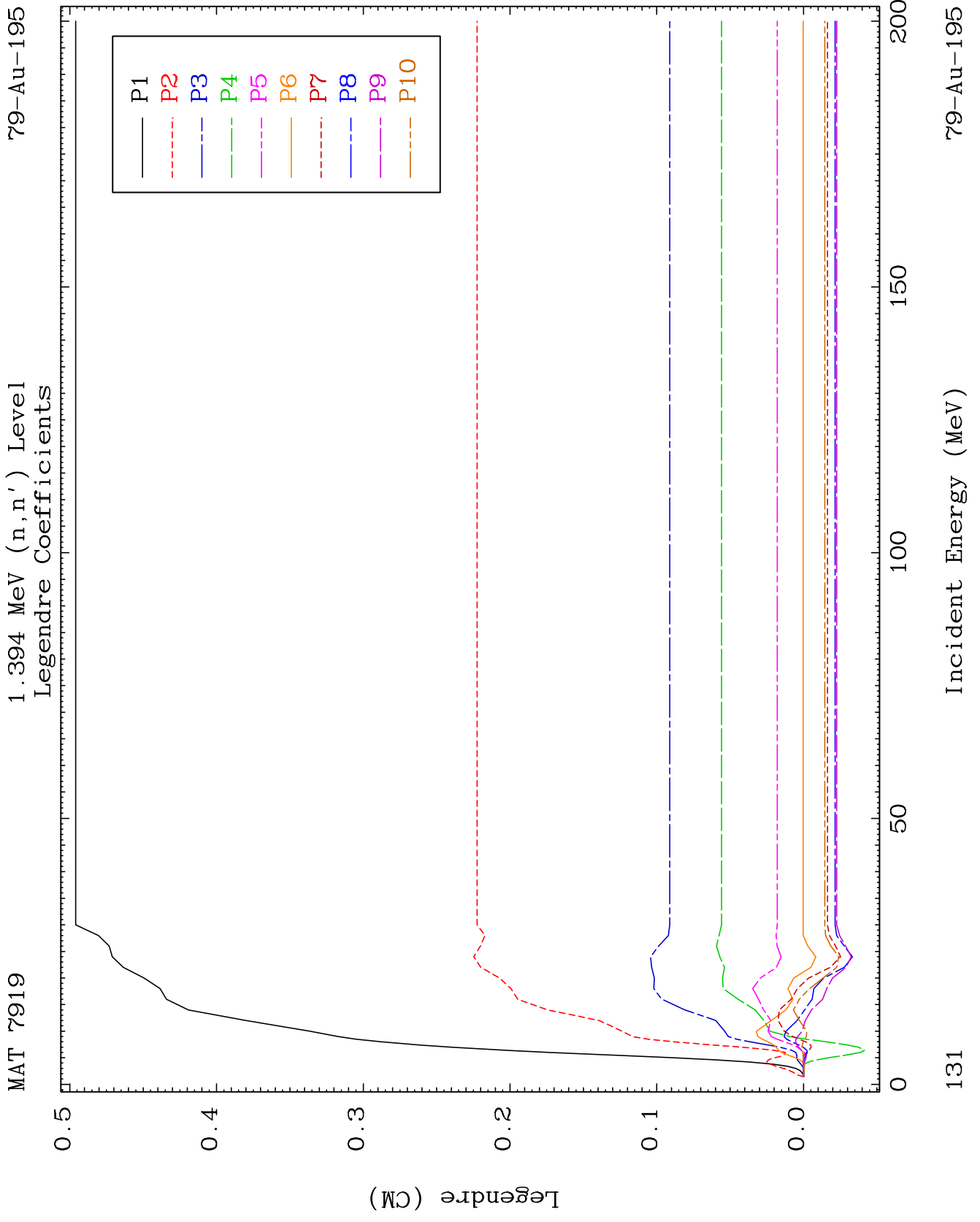
128

Incident Energy (MeV)

79-Au-195



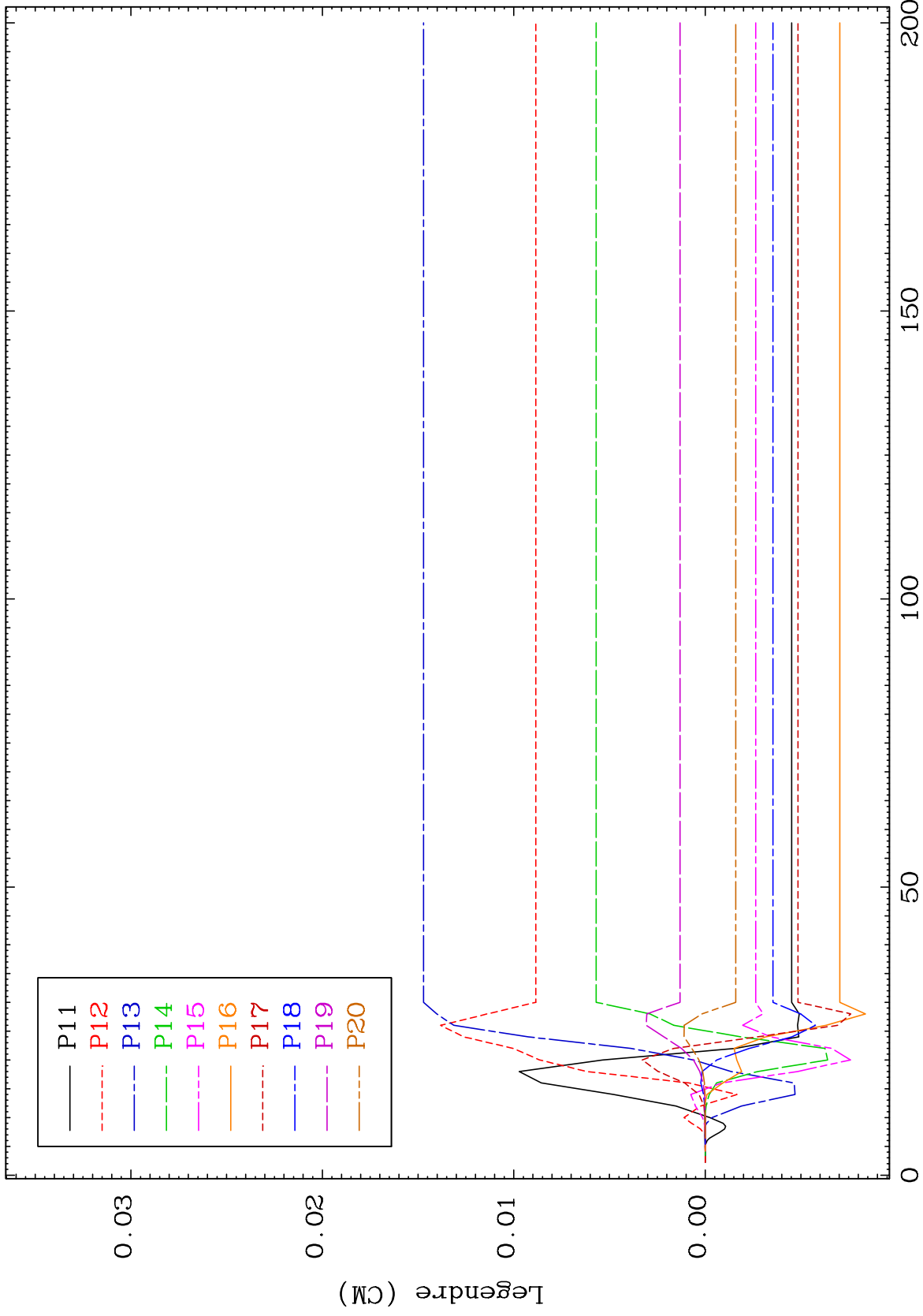




MAT 7919

1.394 MeV (n,n') Level
Legendre Coefficients

79-Au-195



132

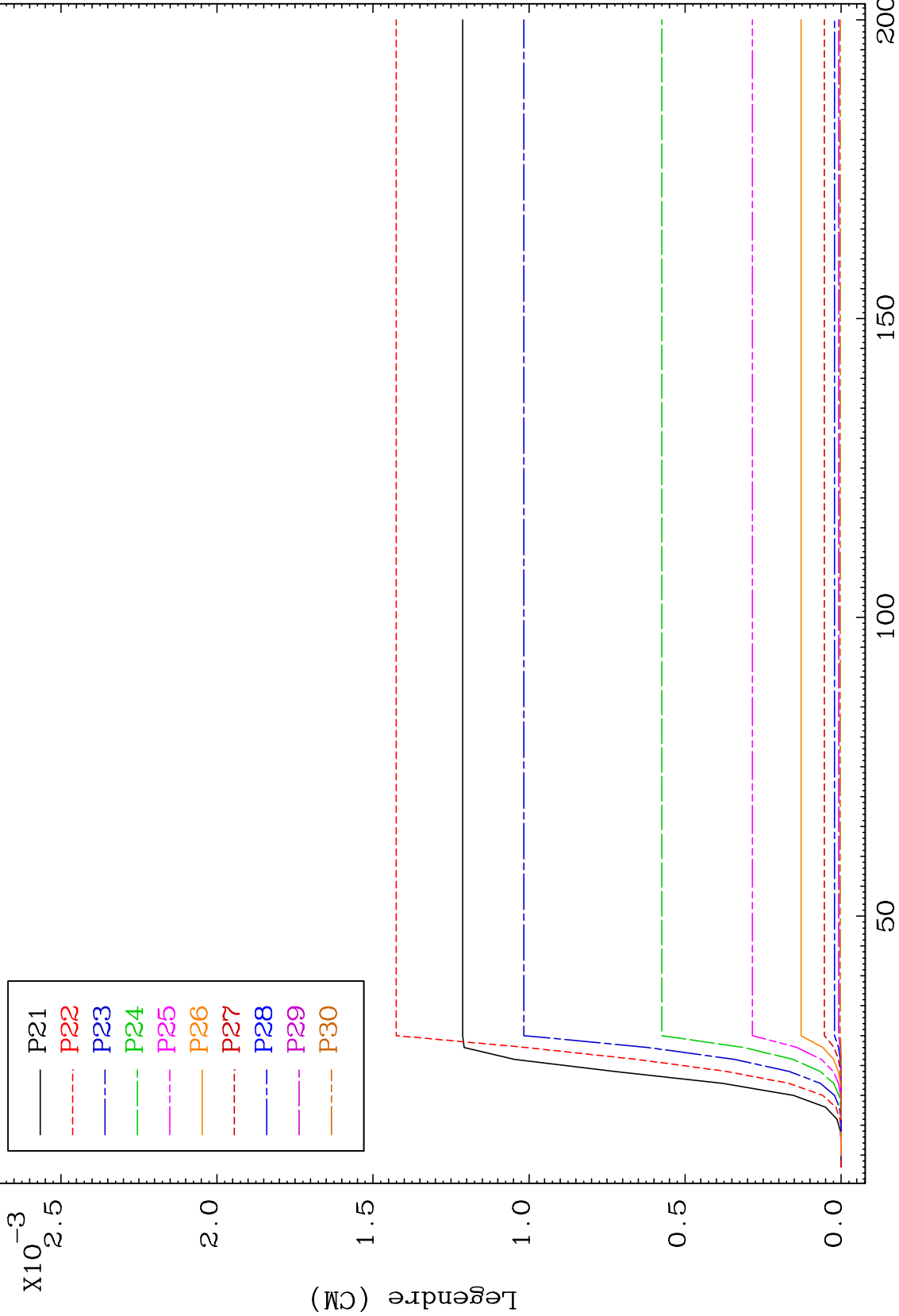
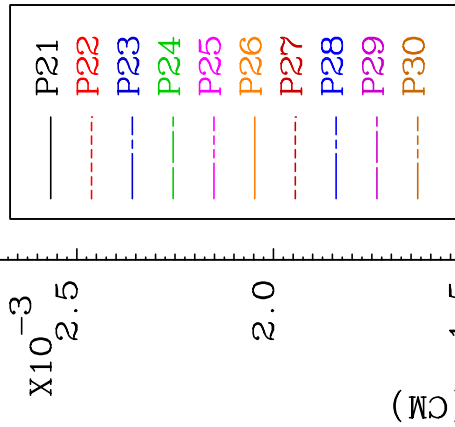
Incident Energy (MeV)

79-Au-195

MAT 7919

1.394 MeV (n,n') Level Legendre Coefficients

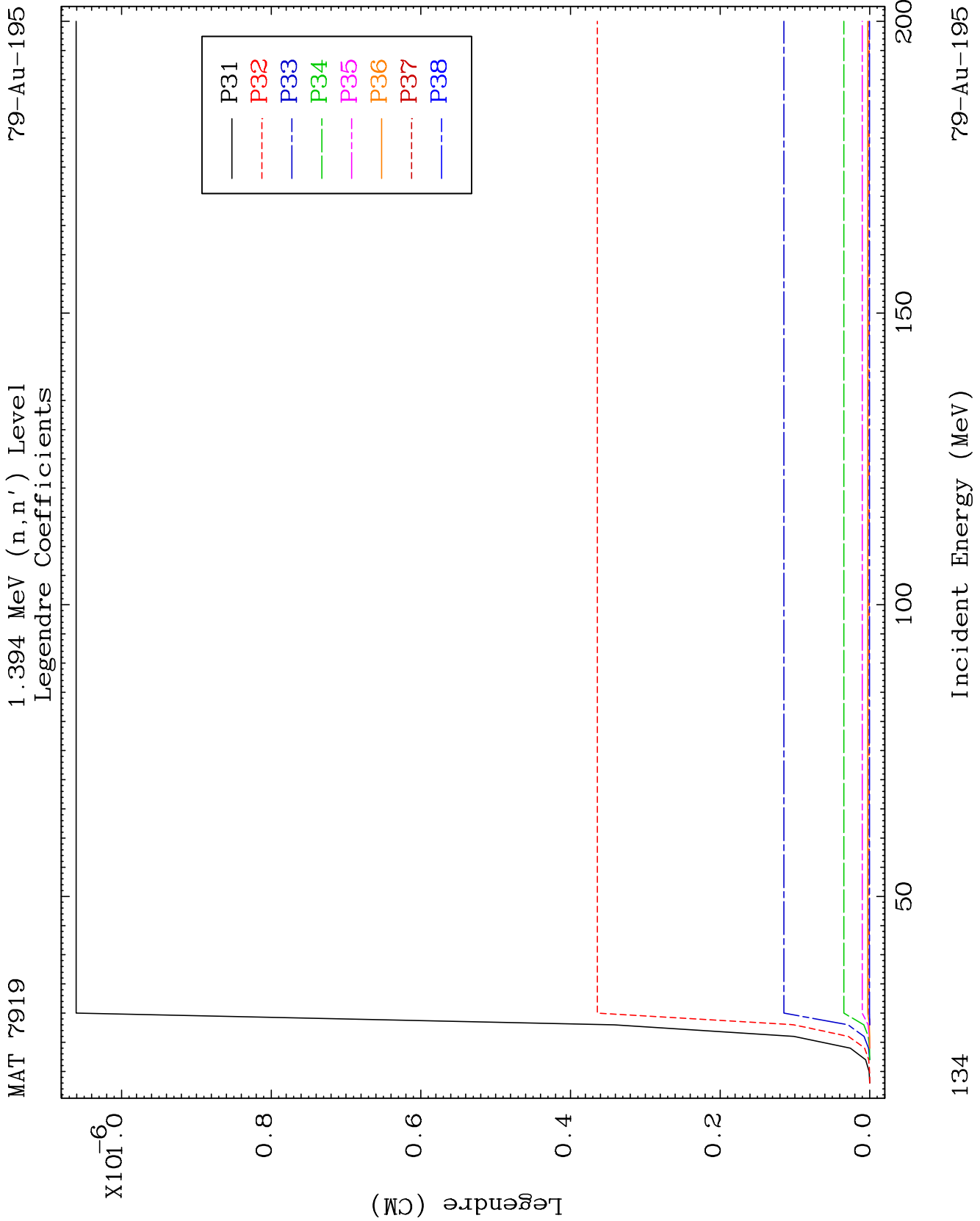
79-Au-195



133

Incident Energy (MeV)

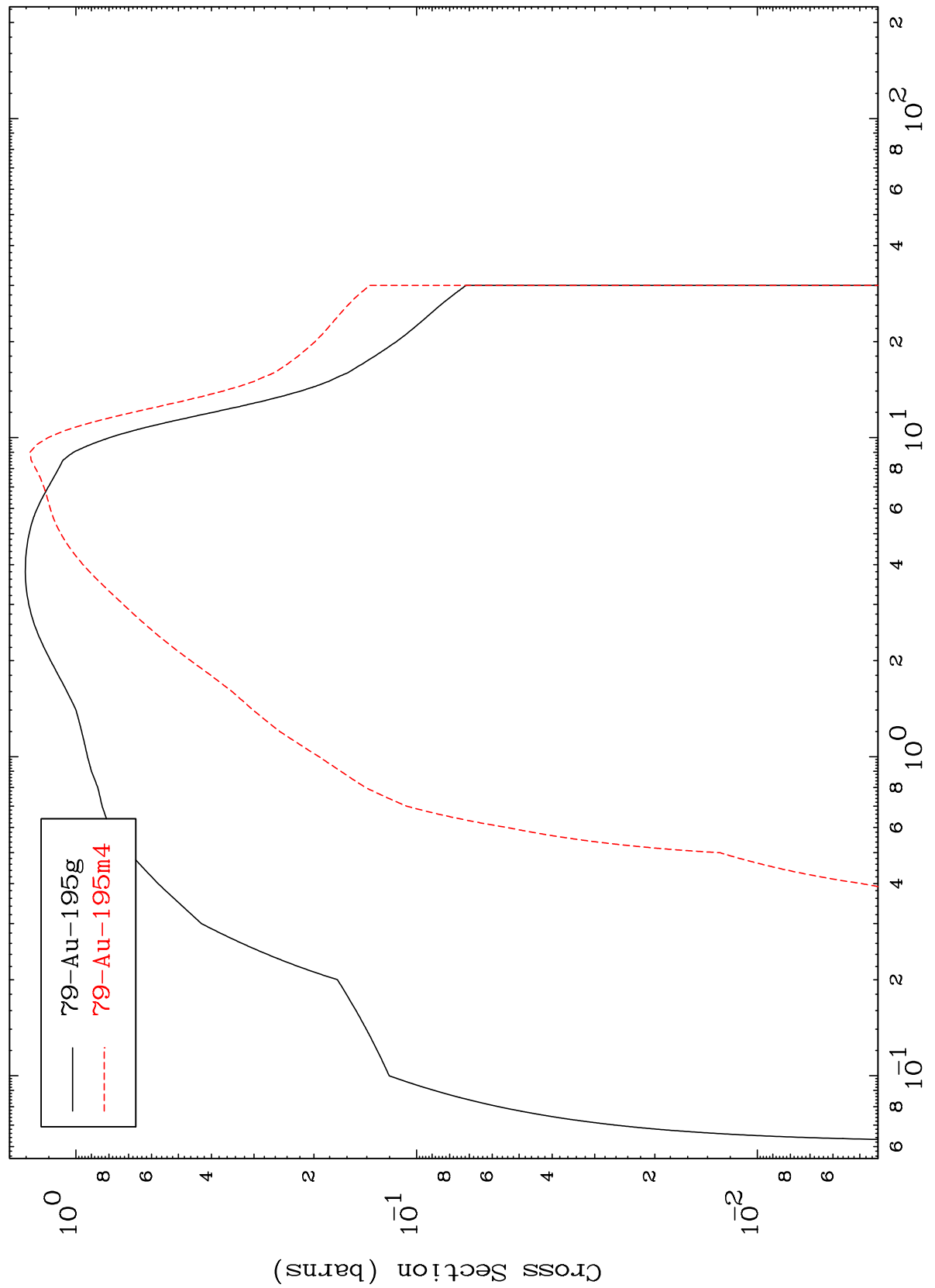
79-Au-195



MAT 7919

79-Au-195

Inelastic
Radionuclide Production Cross Section



— 79-Au-195g
- - - 79-Au-195m4

79-Au-195

Incident Energy (MeV)

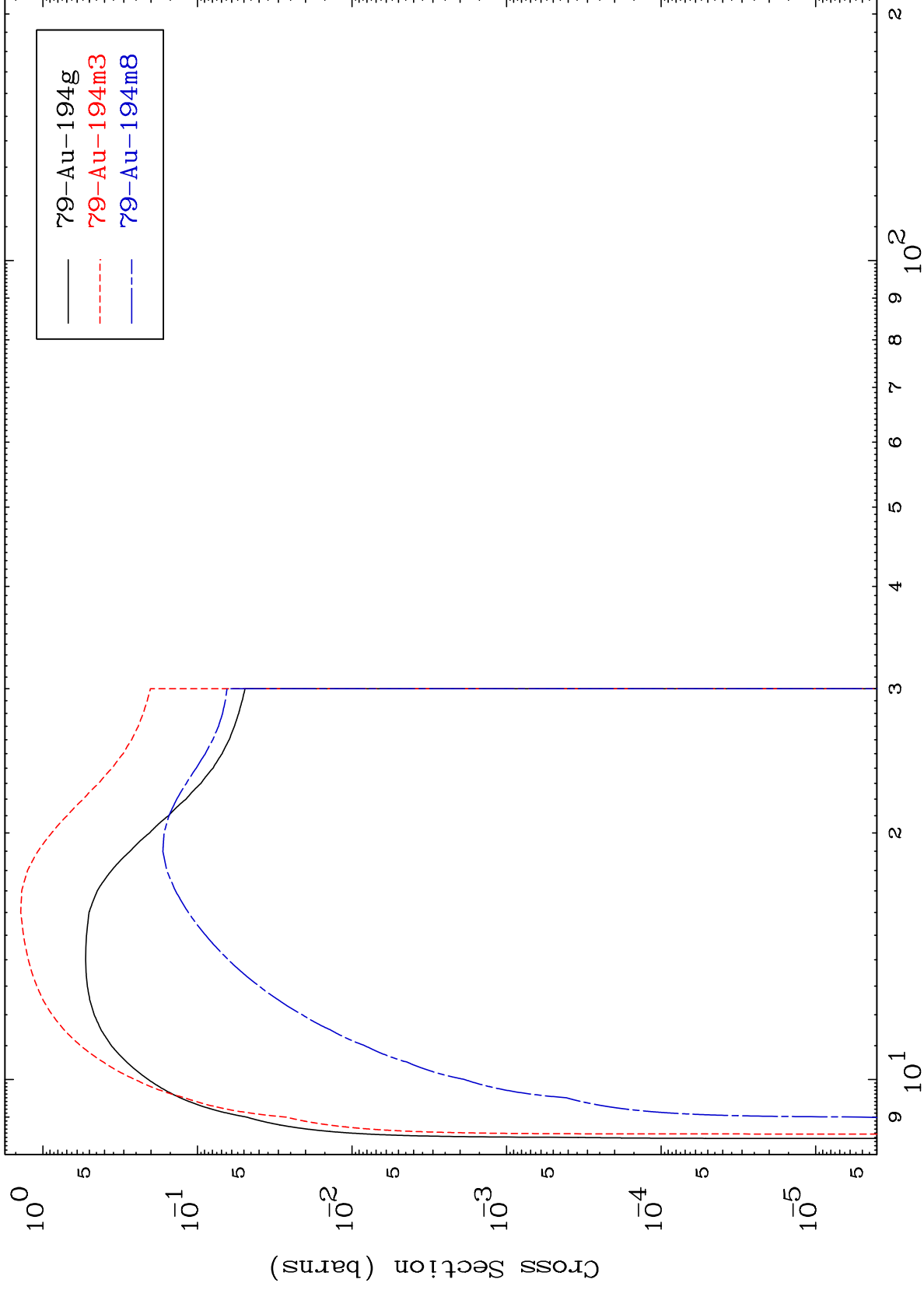
135

MAT 7919

(n,2n)

79-Au-195

Radionuclide Production Cross Section



136

Incident Energy (MeV)

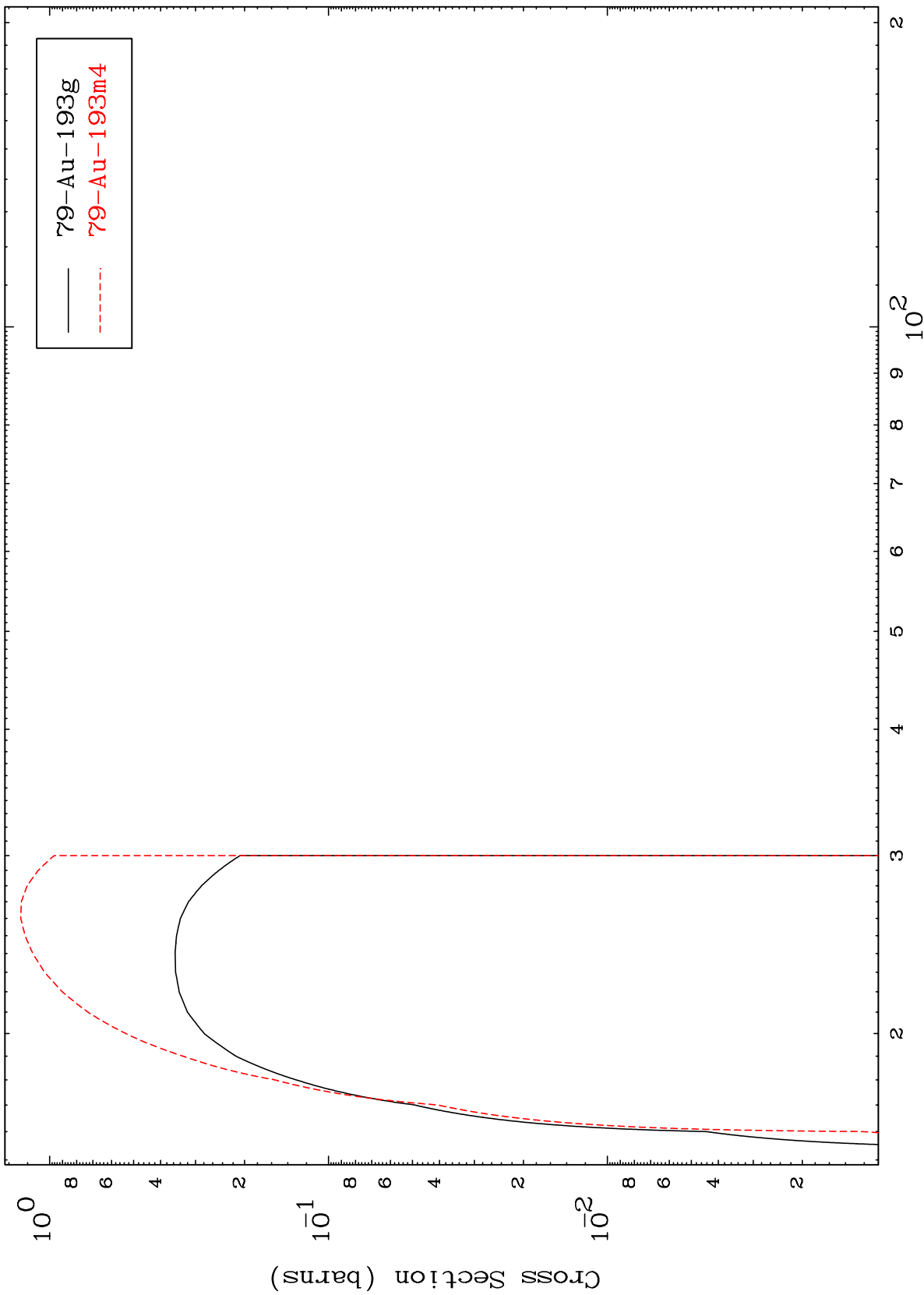
79-Au-195

MAT 7919

79-Au-195

(n,3n)

Radionuclide Production Cross Section



137

Incident Energy (MeV)

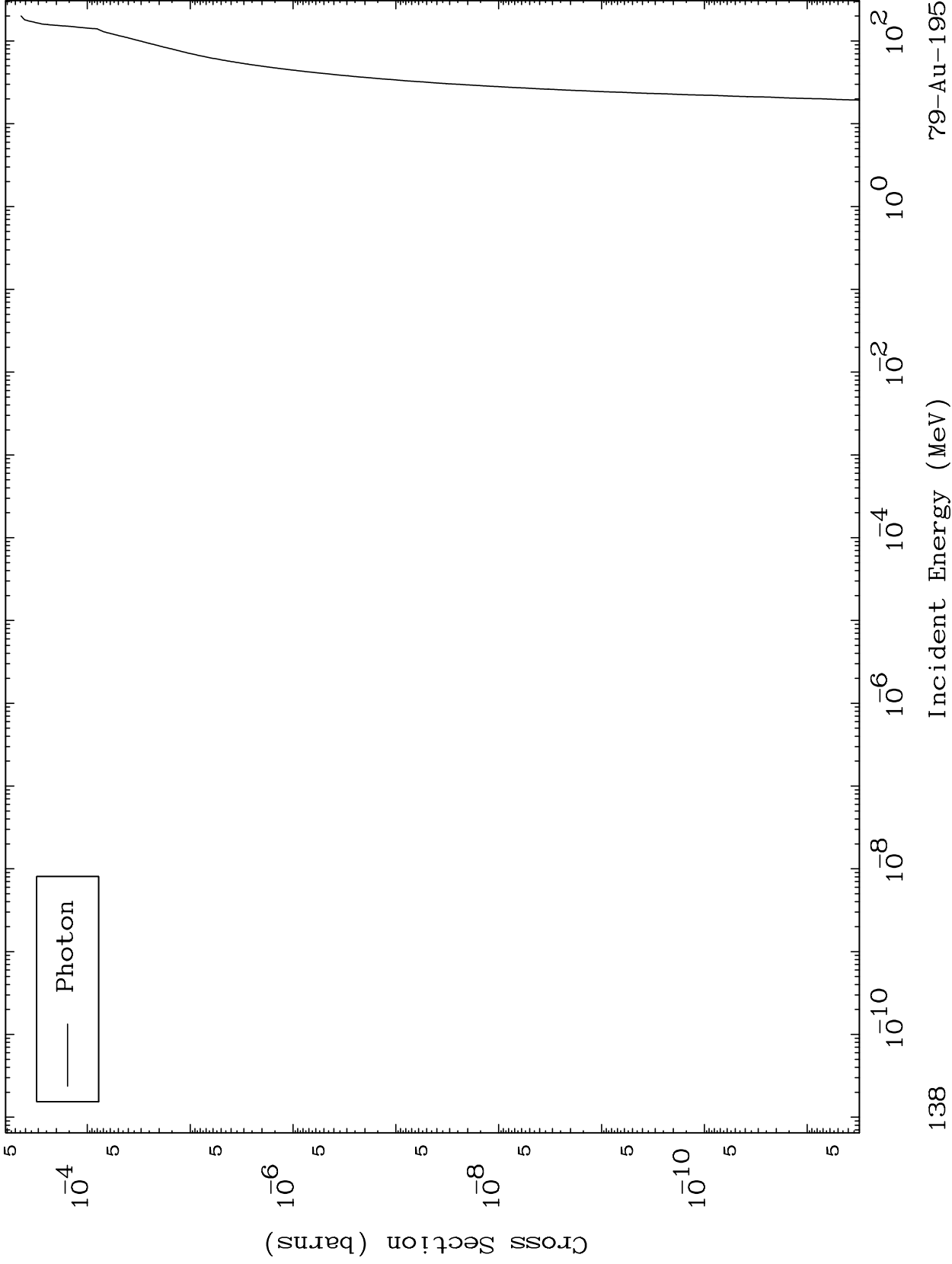
79-Au-195

MAT 7919

Fission

79-Au-195

Radionuclide Production Cross Section

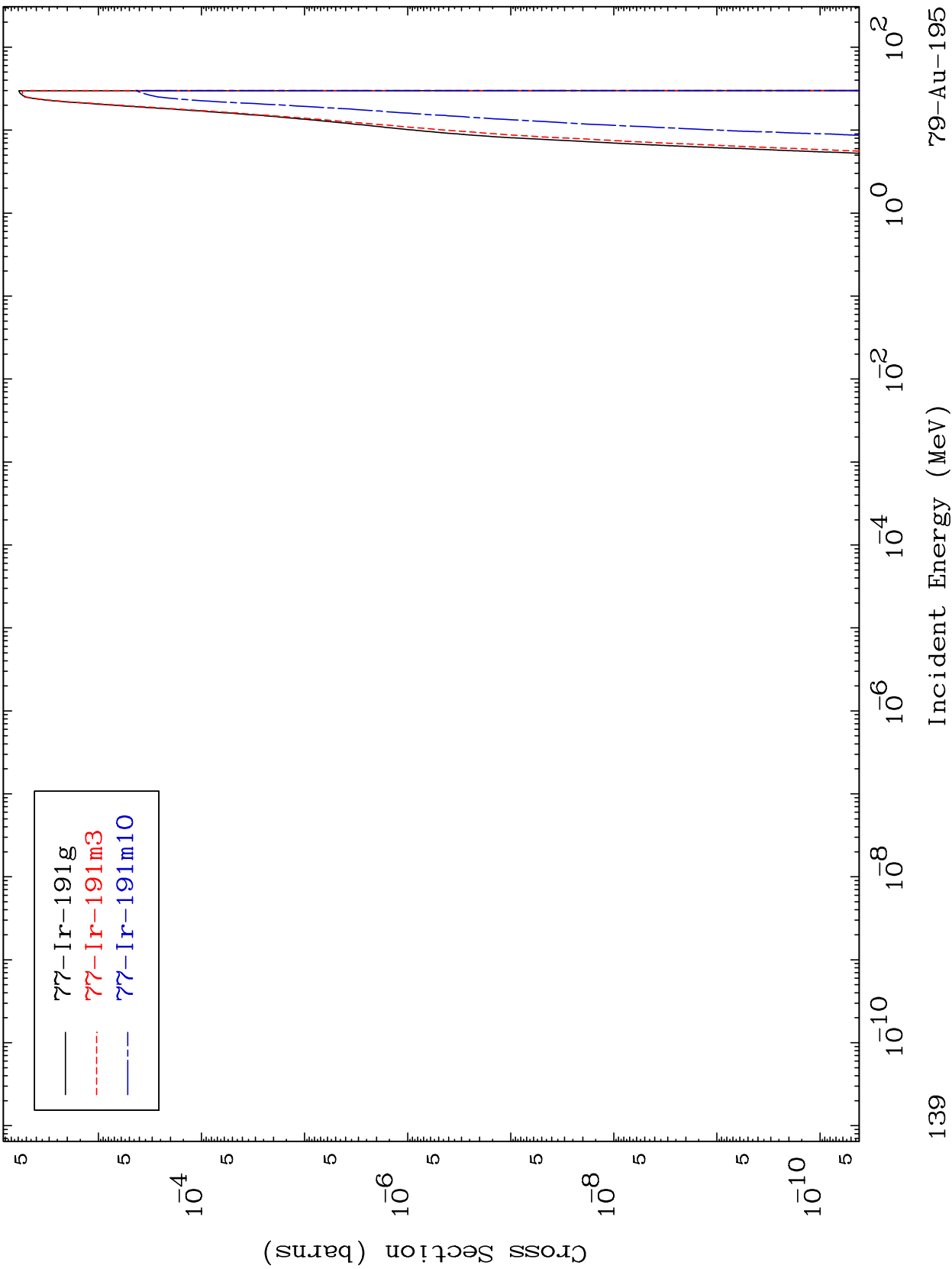


MAT 7919

$(n, n') \alpha$

79-Au-195

Radionuclide Production Cross Section

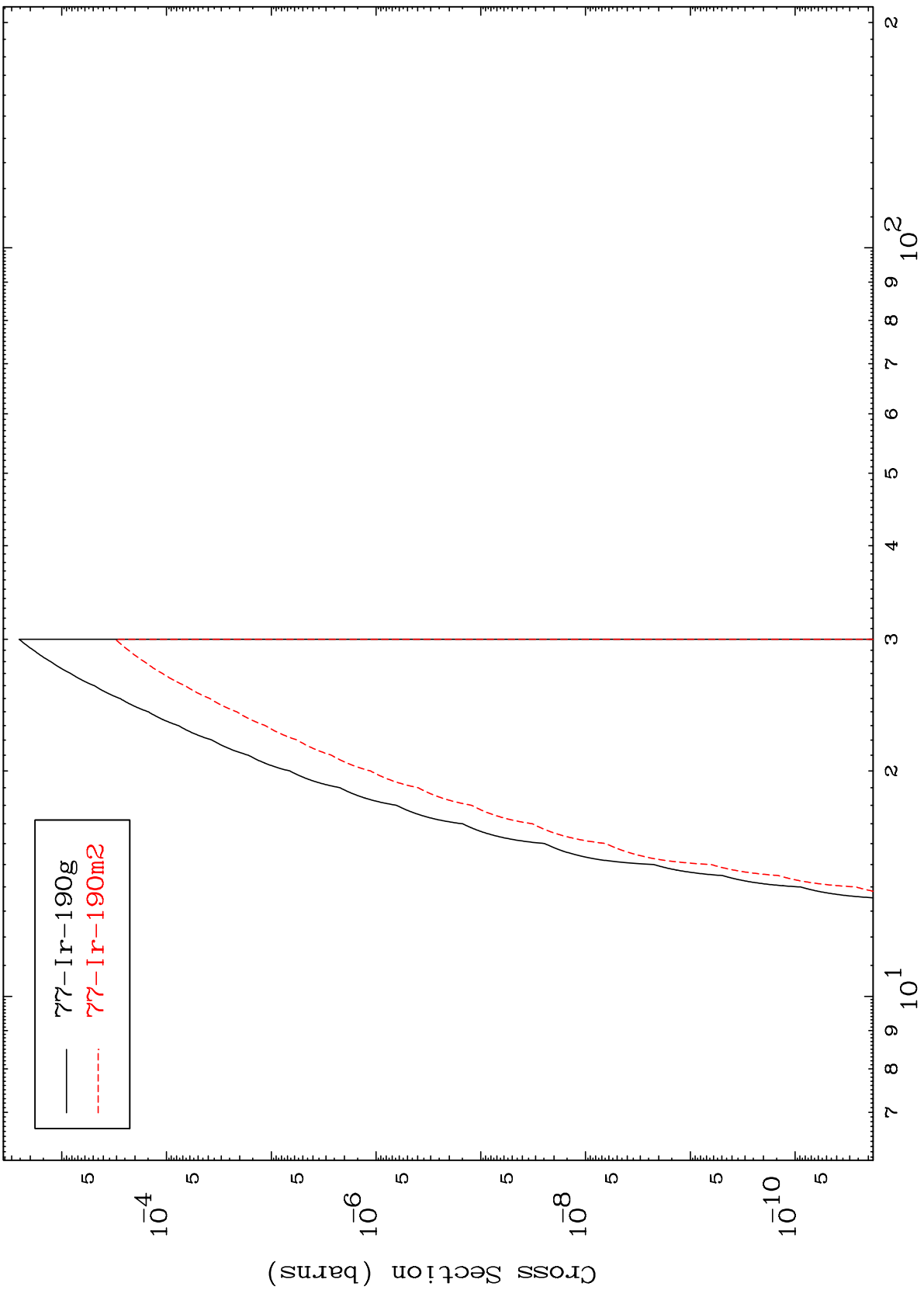


MAT 7919

$(n,2n) \alpha$

79-Au-195

Radionuclide Production Cross Section



77-Ir-190g
77-Ir-190m2

140

Incident Energy (MeV)

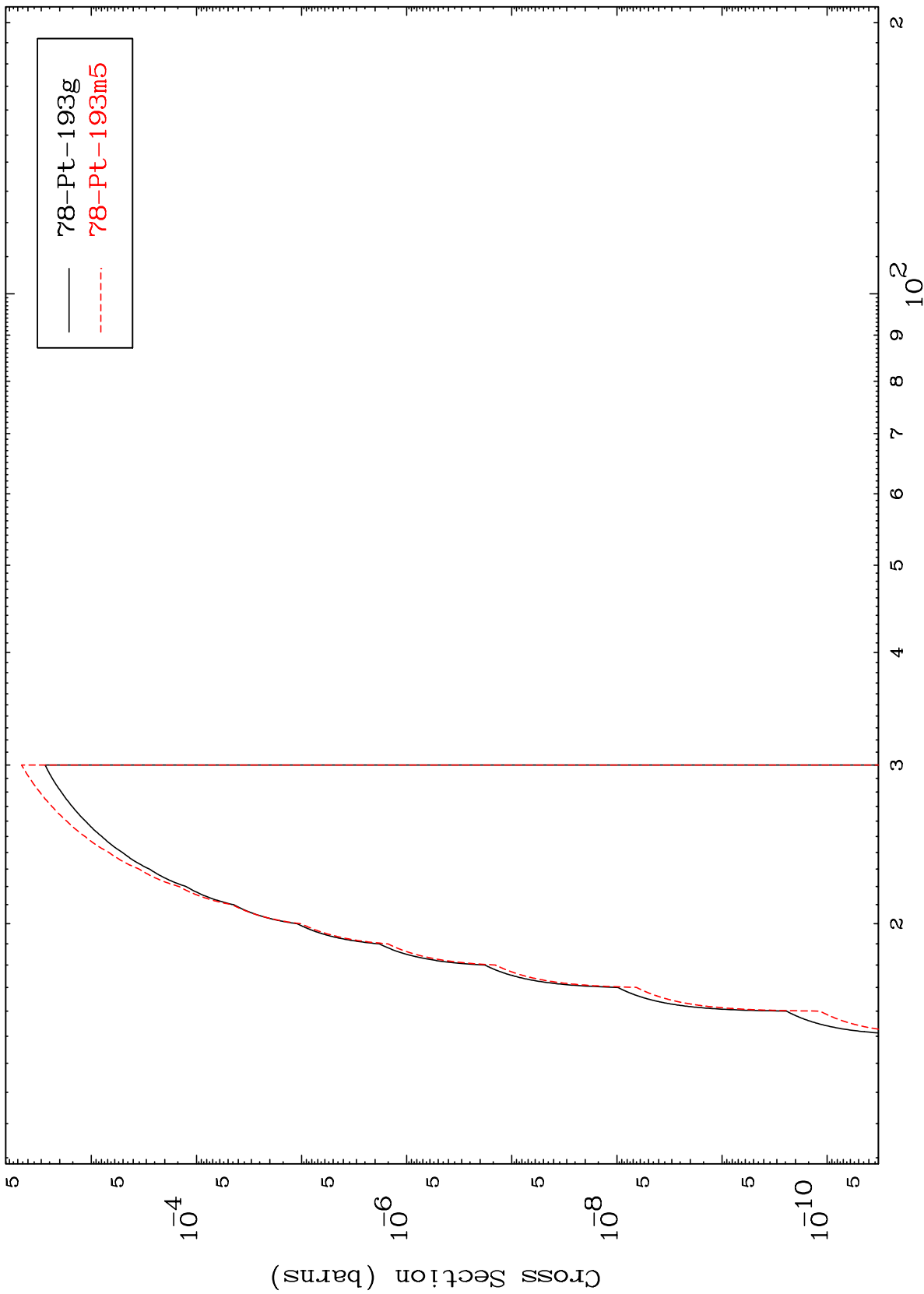
79-Au-195

MAT 7919

(n,n') d

79-Au-195

Radionuclide Production Cross Section

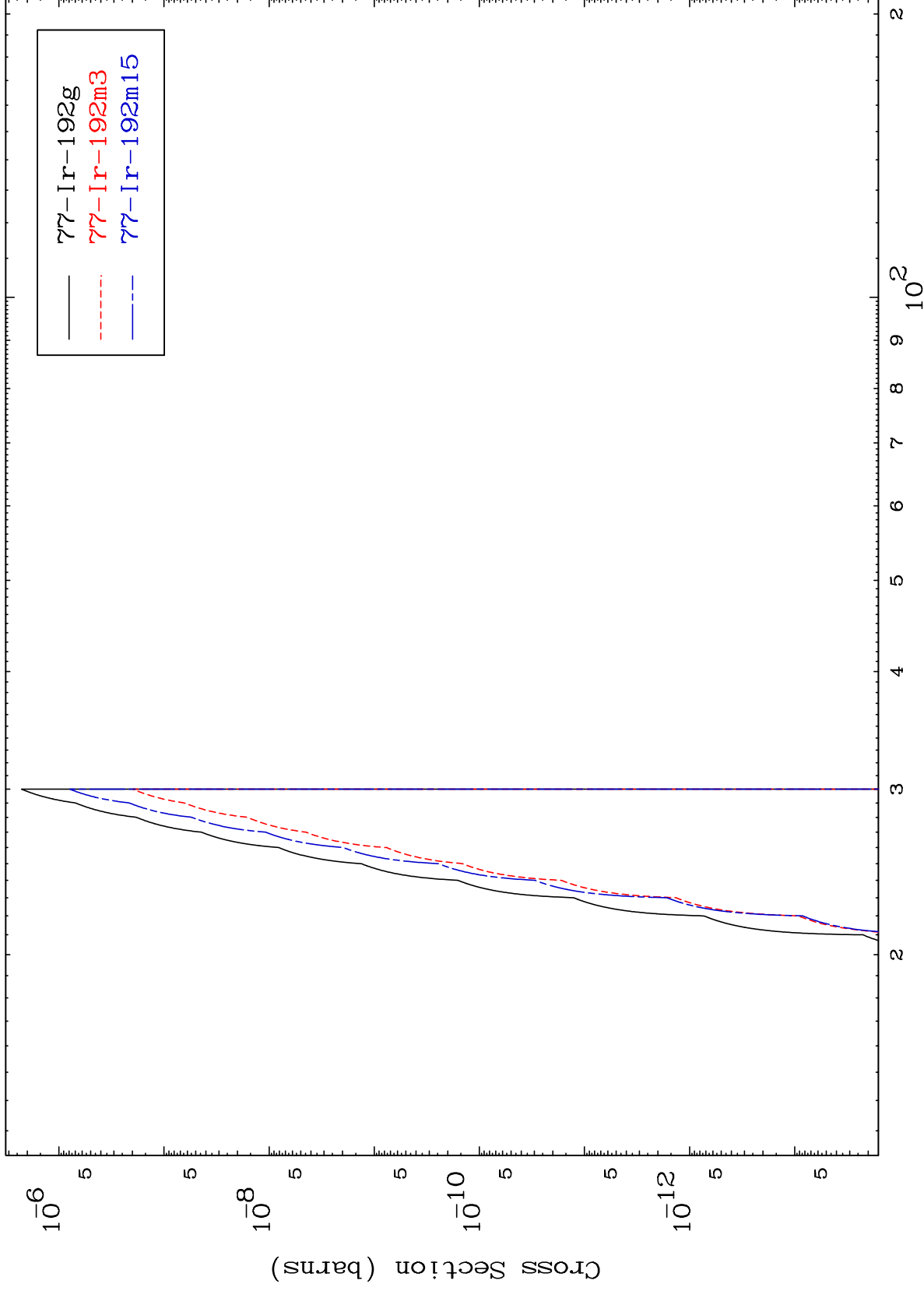


141

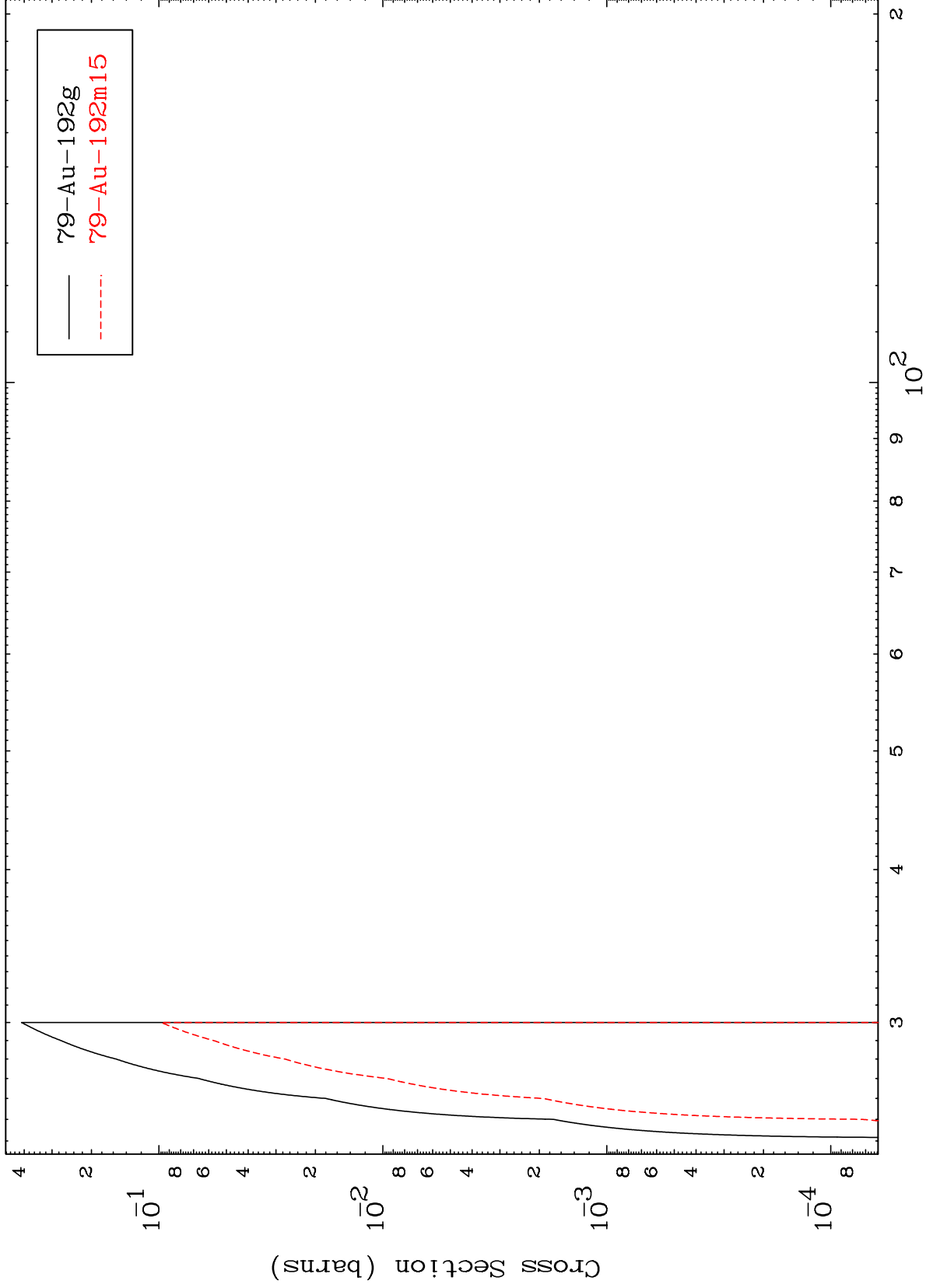
Incident Energy (MeV)

79-Au-195

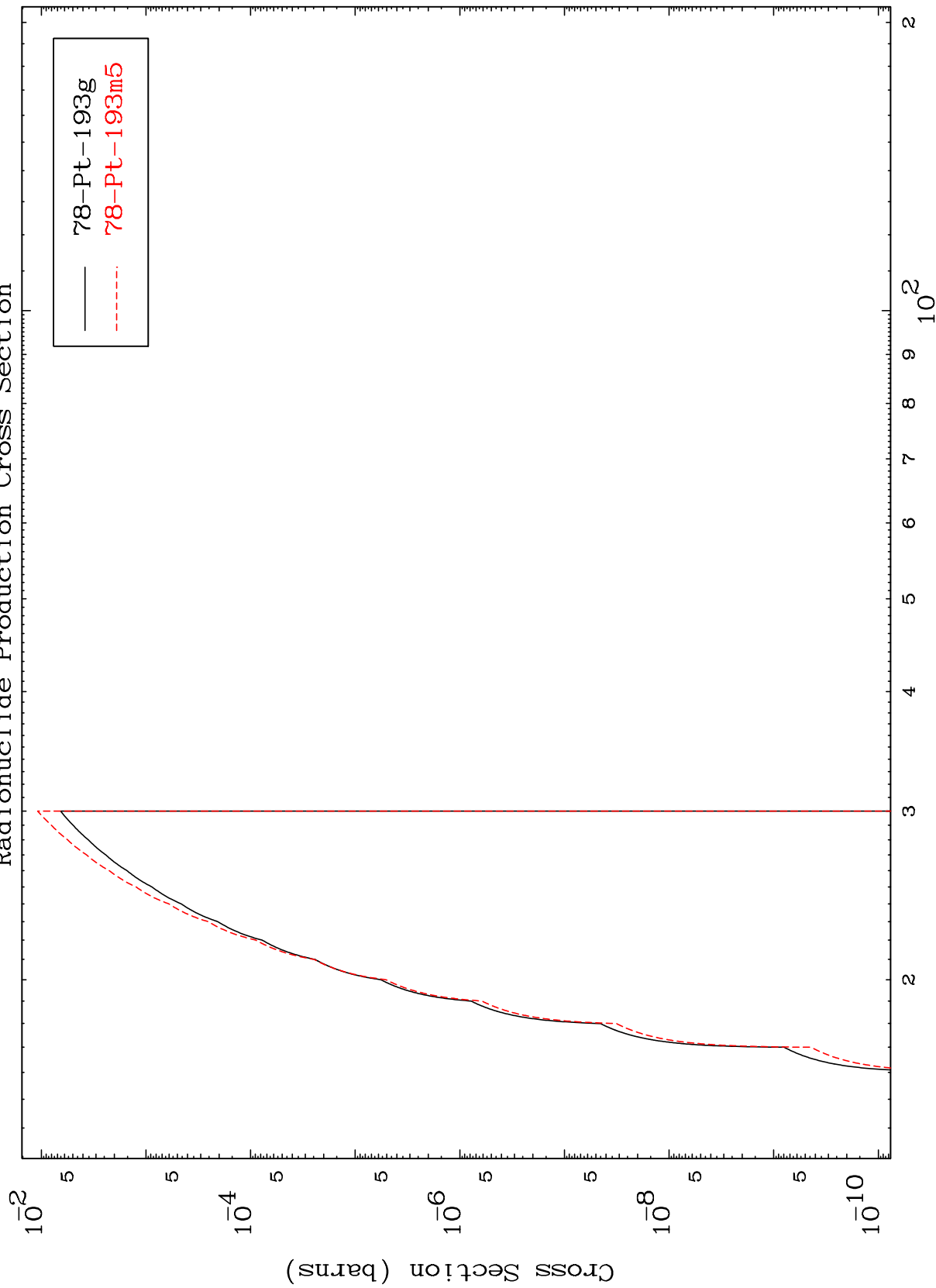
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

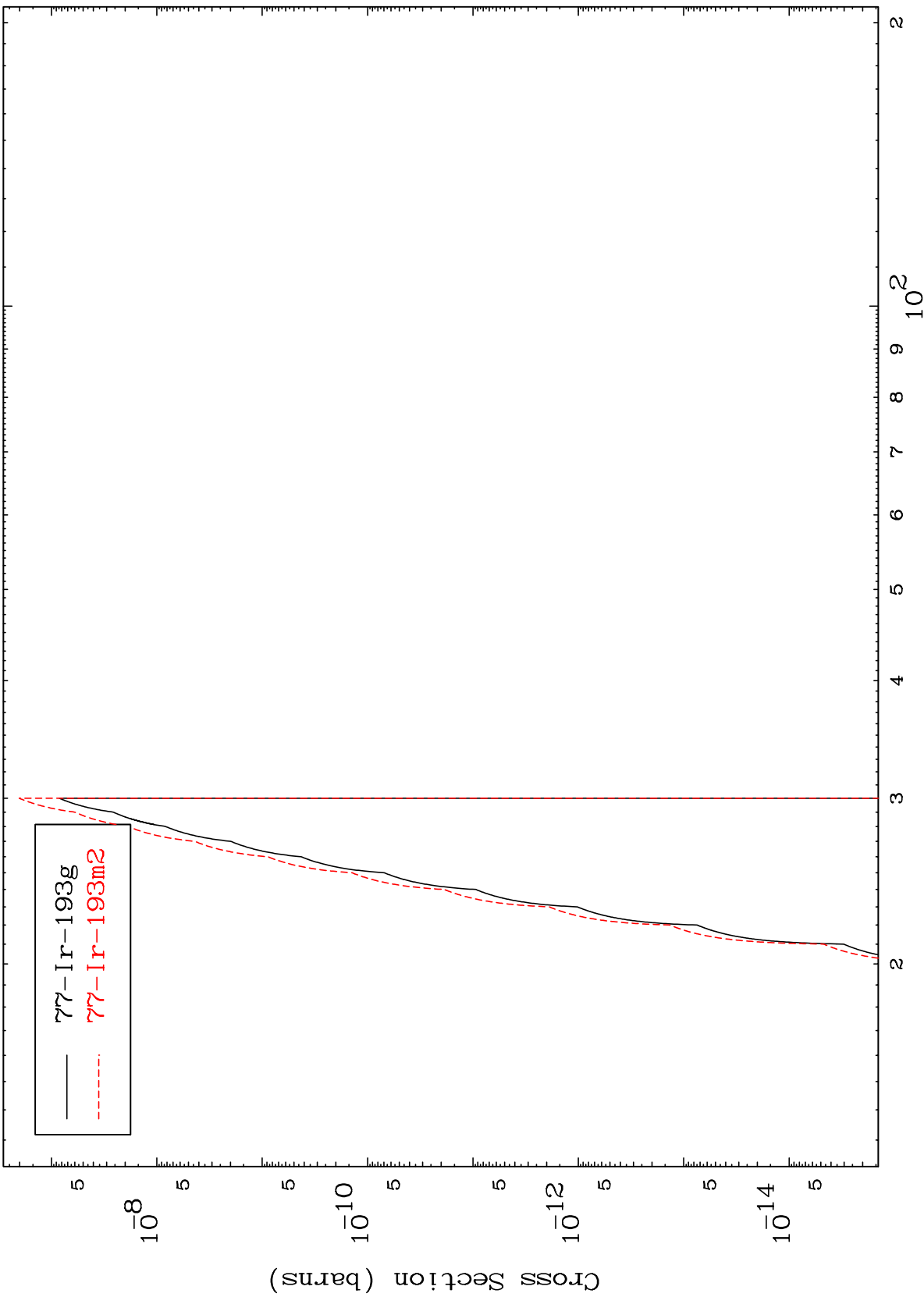


MAT 7919

(n,2n) p

79-Au-195

Radionuclide Production Cross Section



145

Incident Energy (MeV)

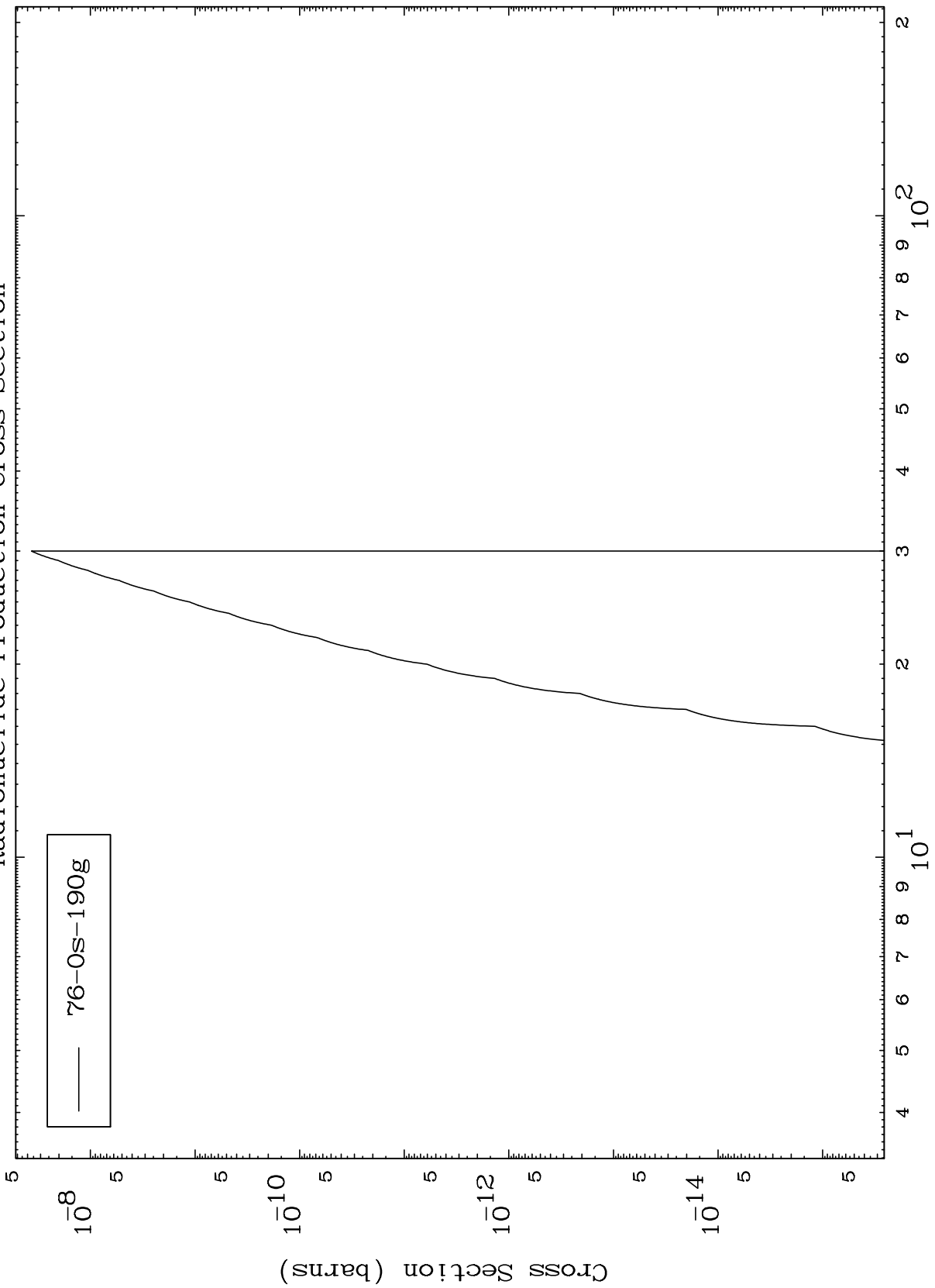
79-Au-195

MAT 7919

(n,n') p α

79-Au-195

Radionuclide Production Cross Section



146

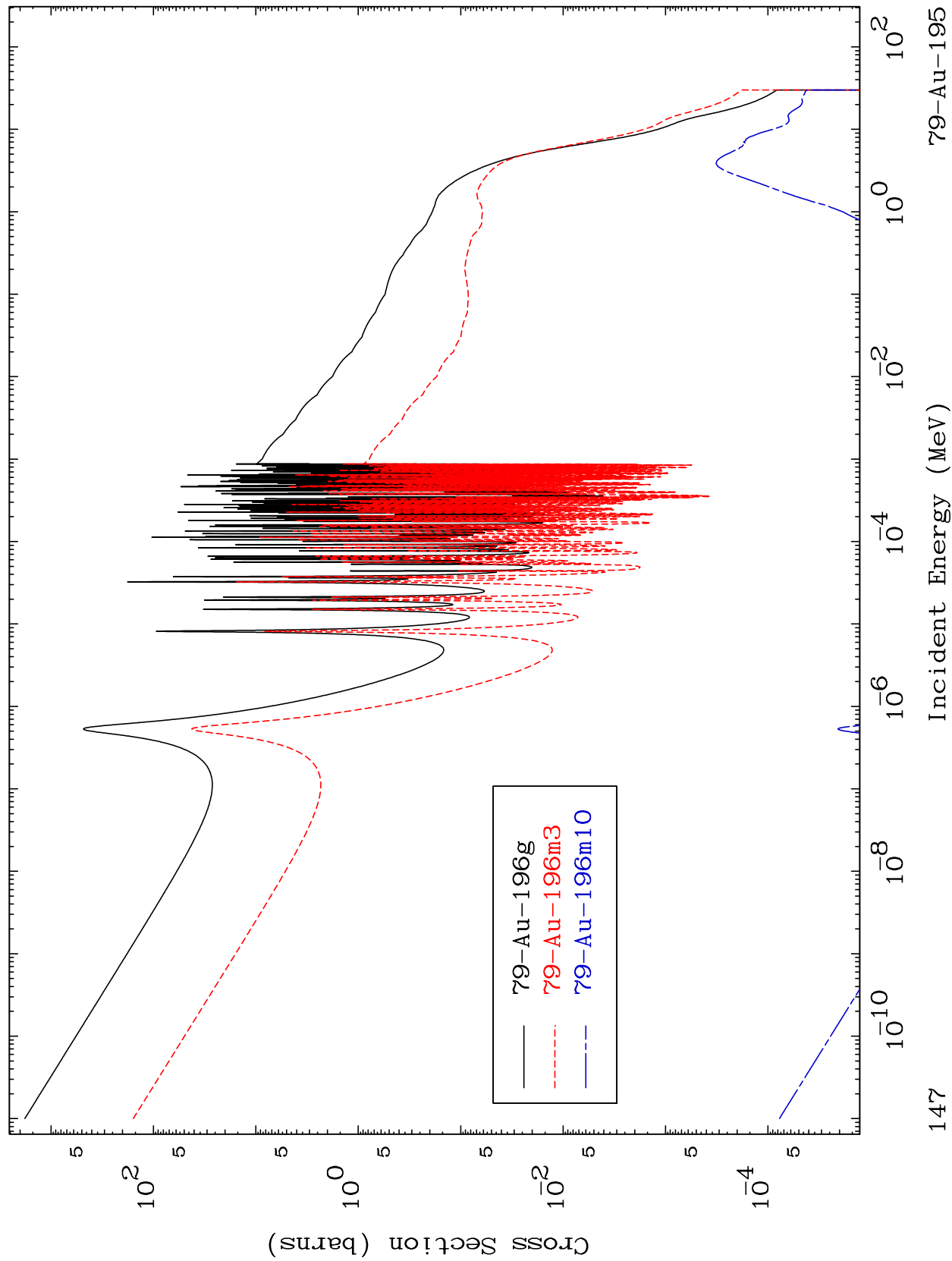
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n, γ)
Radionuclide Production Cross Section



147

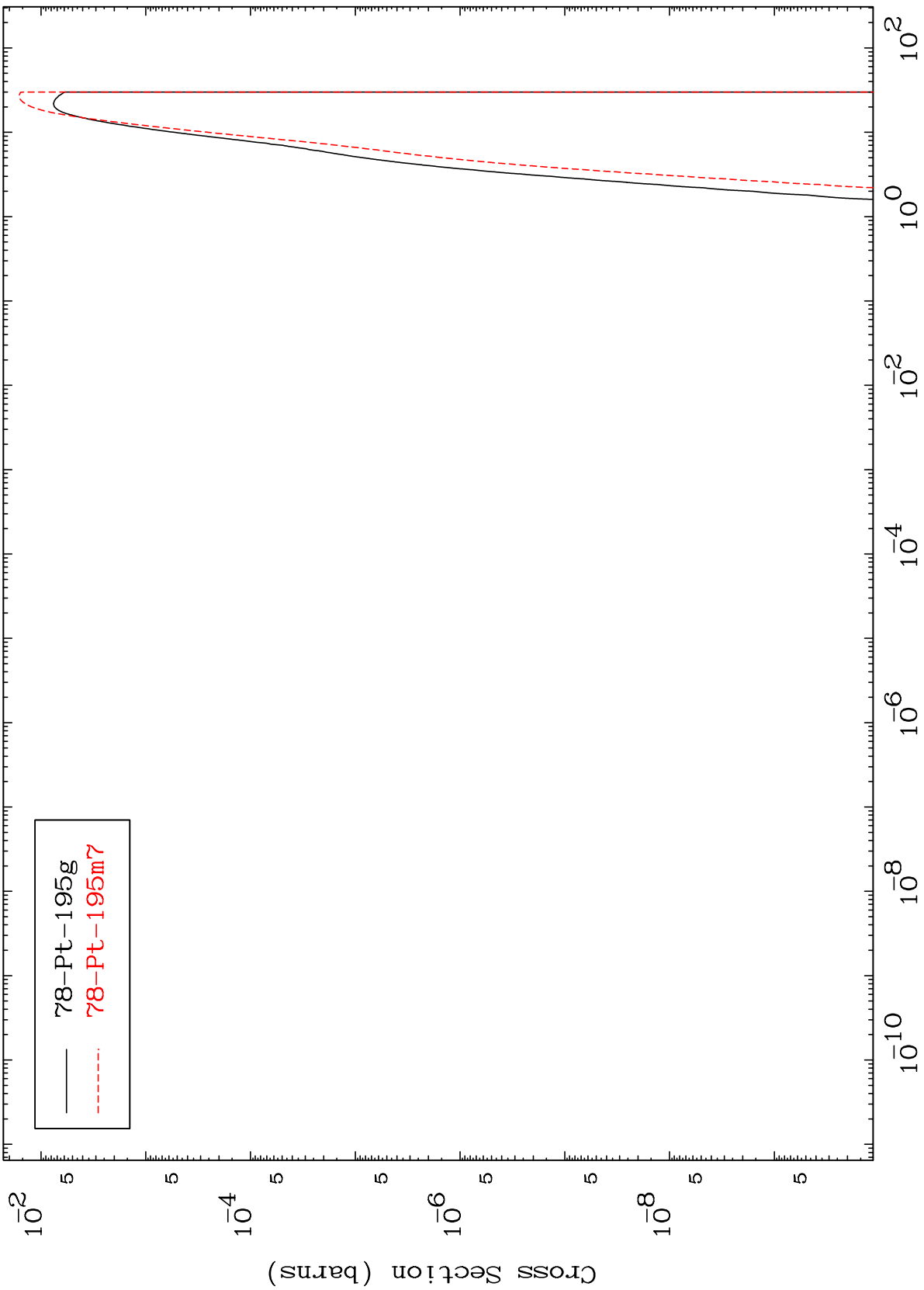
79-Au-195

MAT 7919

(n,p)

79-Au-195

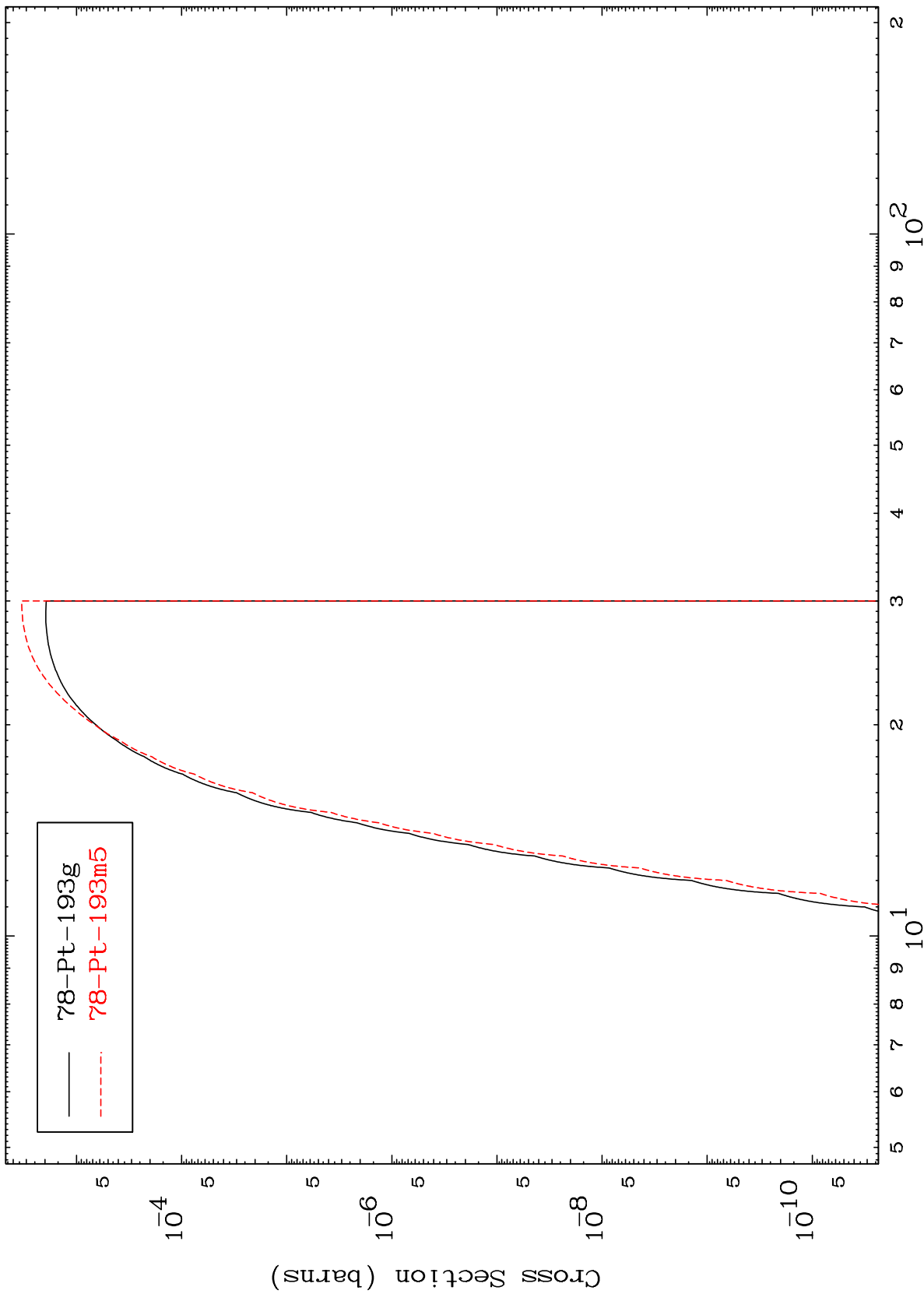
Radionuclide Production Cross Section



MAT 7919

79-Au-195

Radionuclide Production Cross Section (n,t)



149

Incident Energy (MeV)

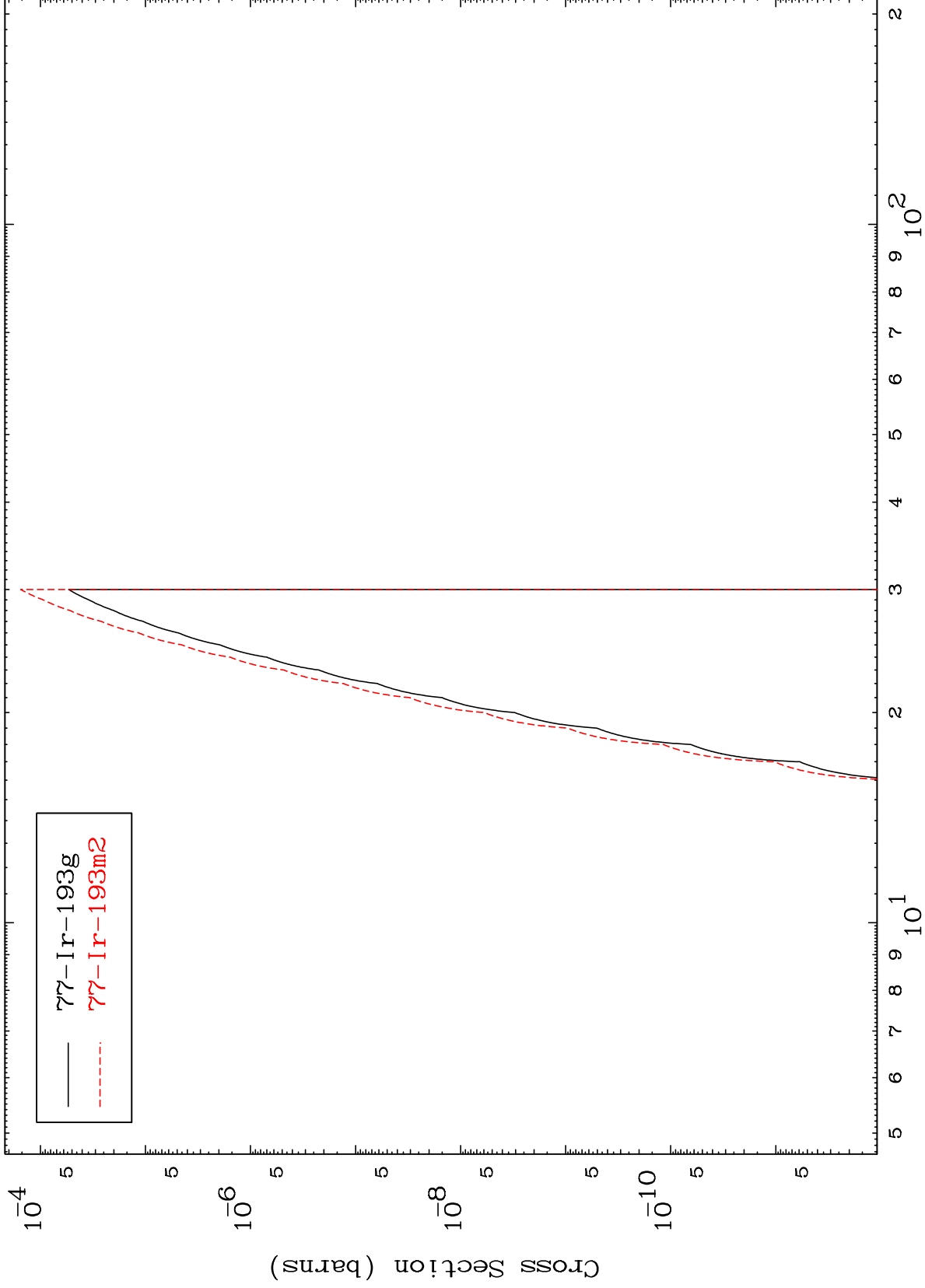
79-Au-195

MAT 7919

(n,He-3)

79-Au-195

Radionuclide Production Cross Section



150

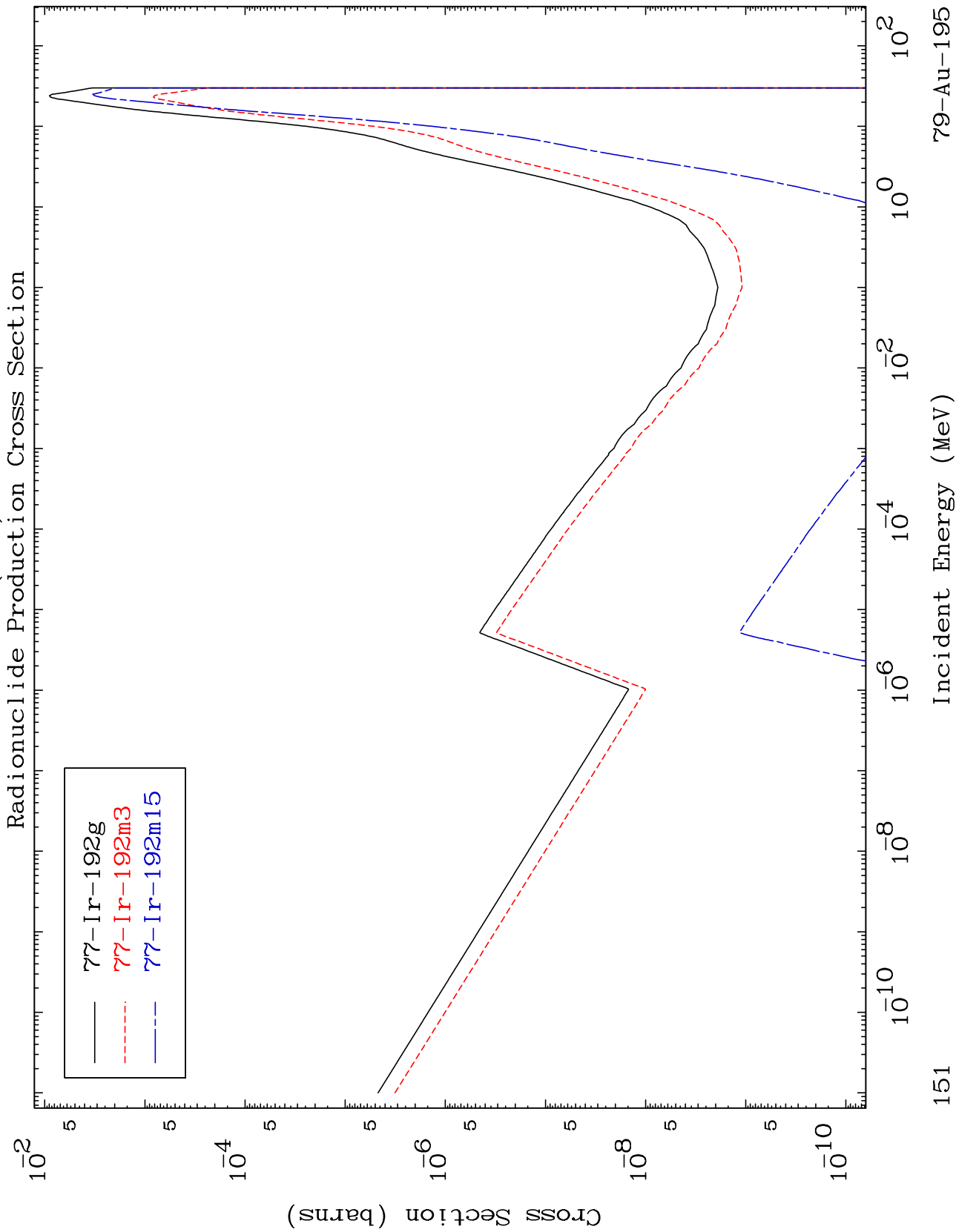
79-Au-195

79-Au-195

MAT 7919

79-Au-195

Radionuclide Production Cross Section



151

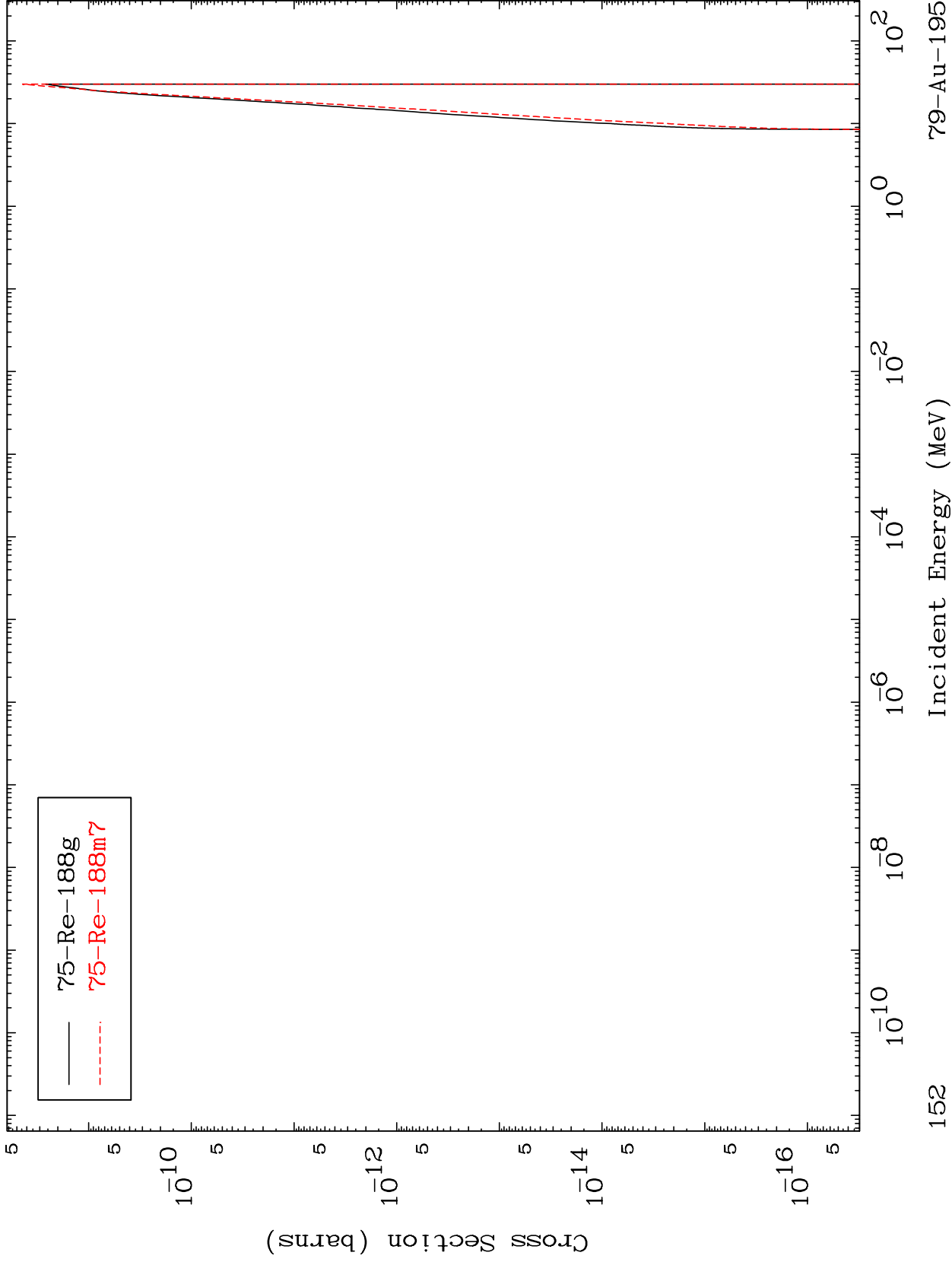
79-Au-195

MAT 7919

(n,2α)

79-Au-195

Radionuclide Production Cross Section

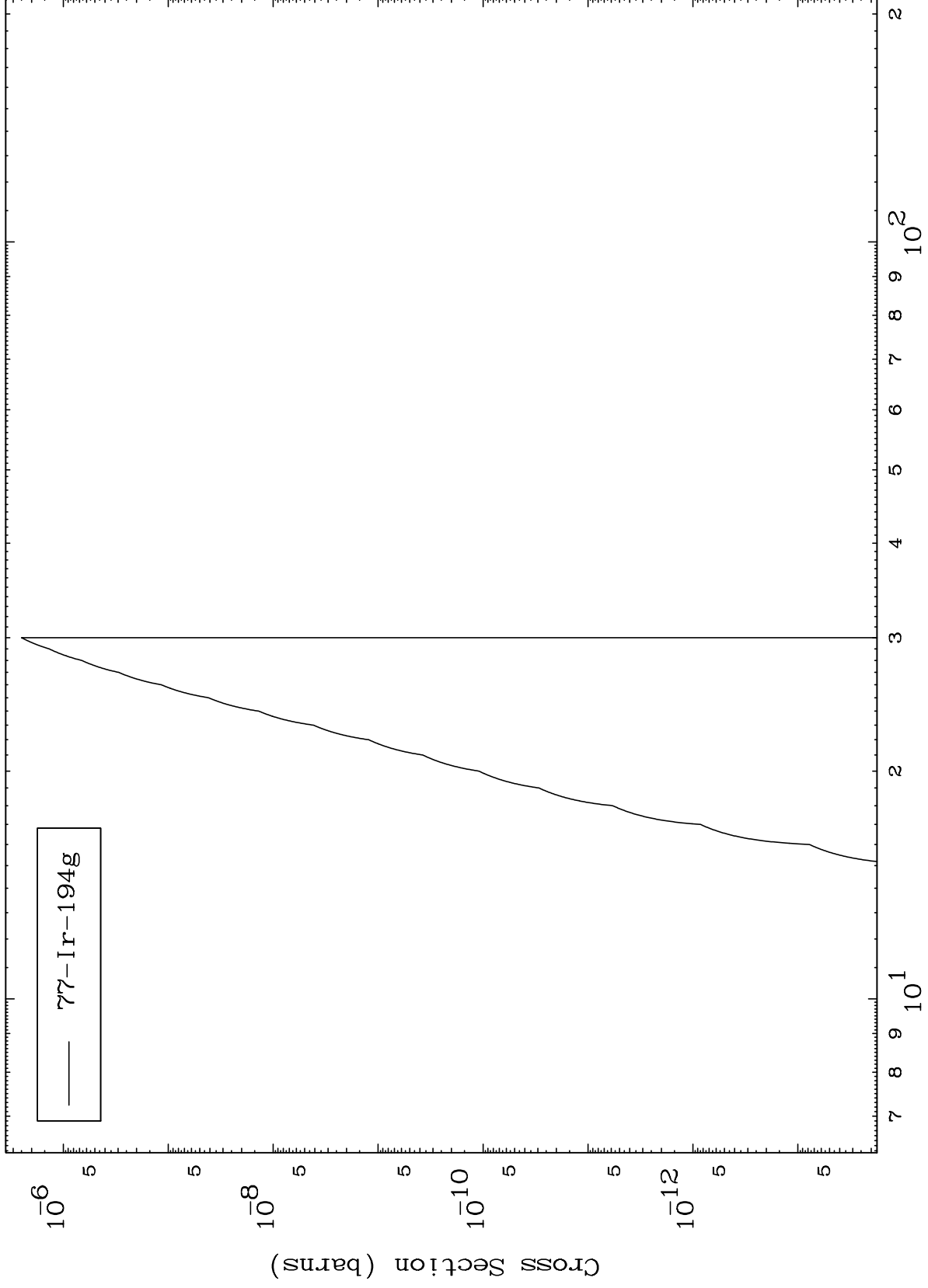


75-Re-188g
75-Re-188m7

MAT 7919

79-Au-195

(n,2p)
Radionuclide Production Cross Section



153

Incident Energy (MeV)

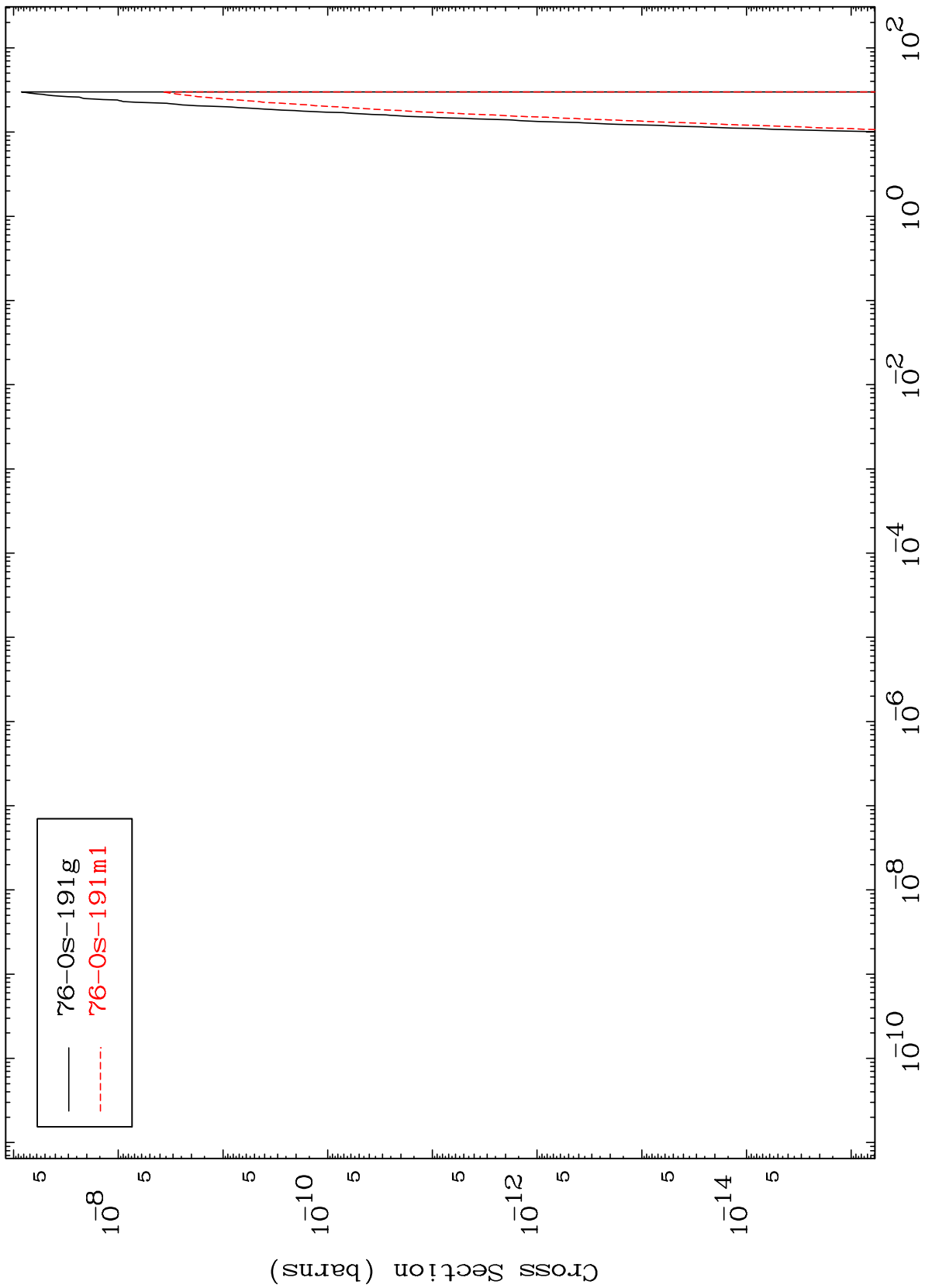
79-Au-195

MAT 7919

(n,p) α

⁷⁹Au-195

Radionuclide Production Cross Section

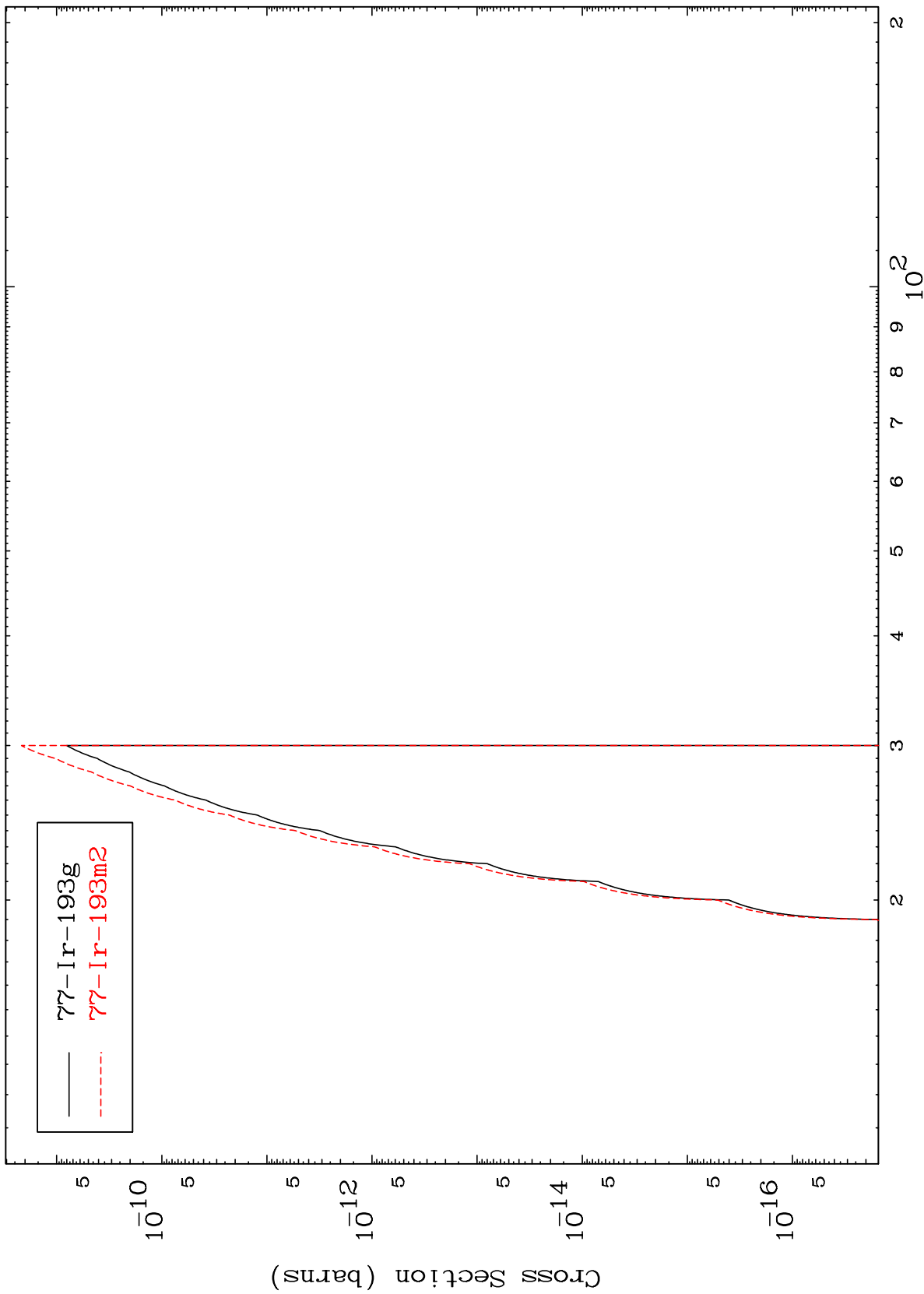


154

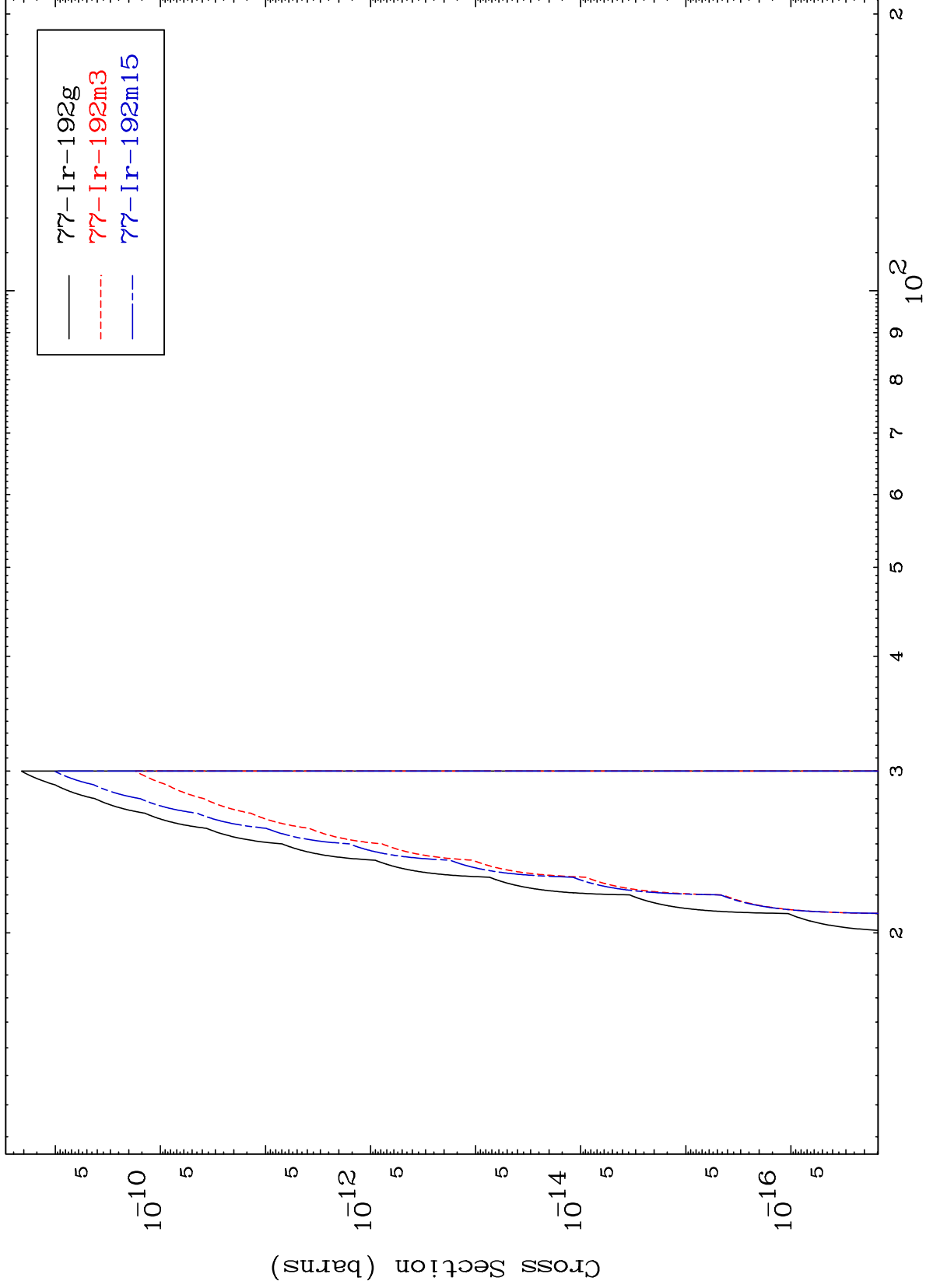
Incident Energy (MeV)

⁷⁹Au-195

Radionuclide Production Cross Section



Radionuclide Production Cross Section

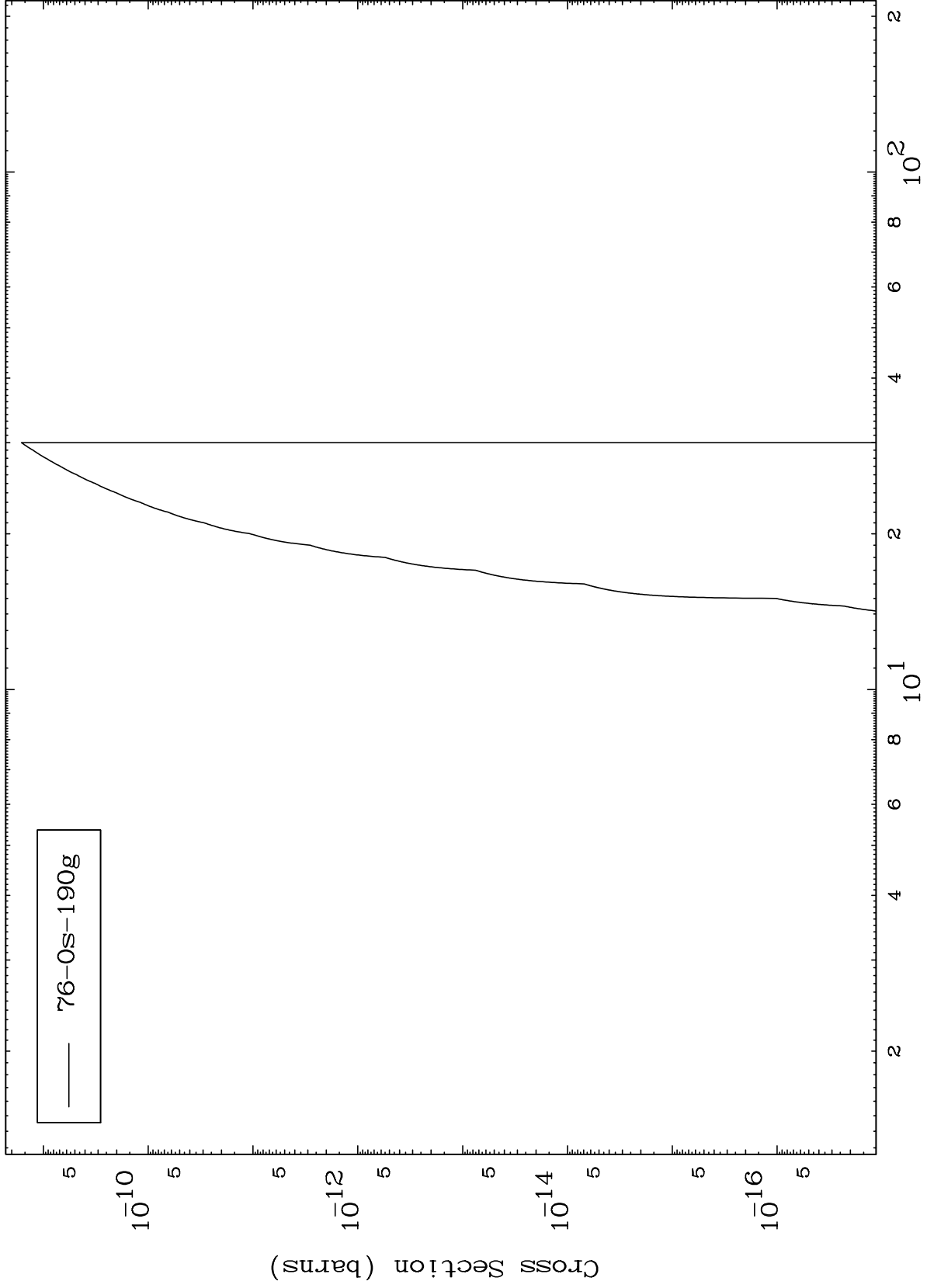


MAT 7919

(n,d) α

79-Au-195

Radionuclide Production Cross Section



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Incident Energy (MeV)

79-Au-195