

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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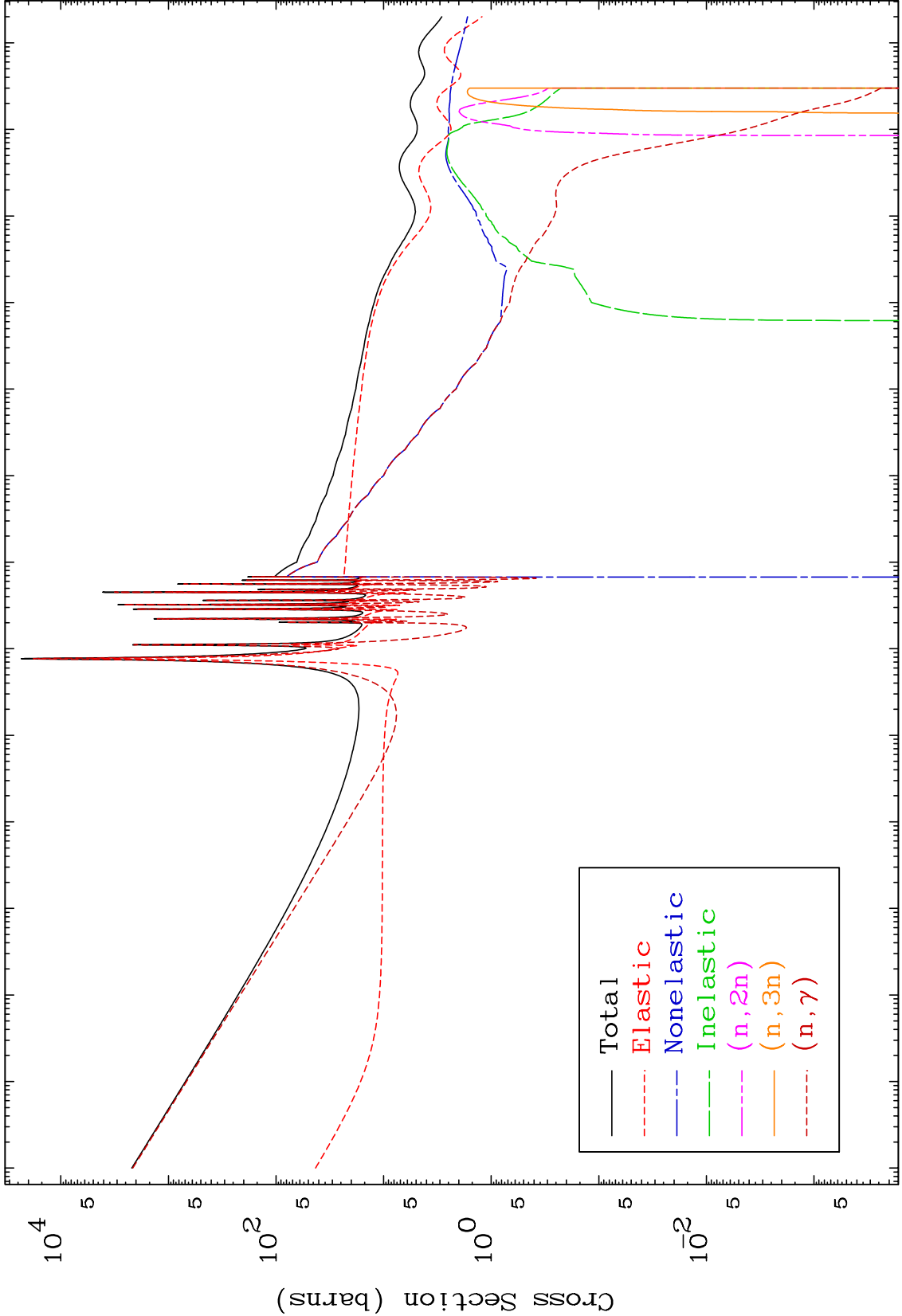
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7919

Neutron Major
293 Kelvin Cross Sections

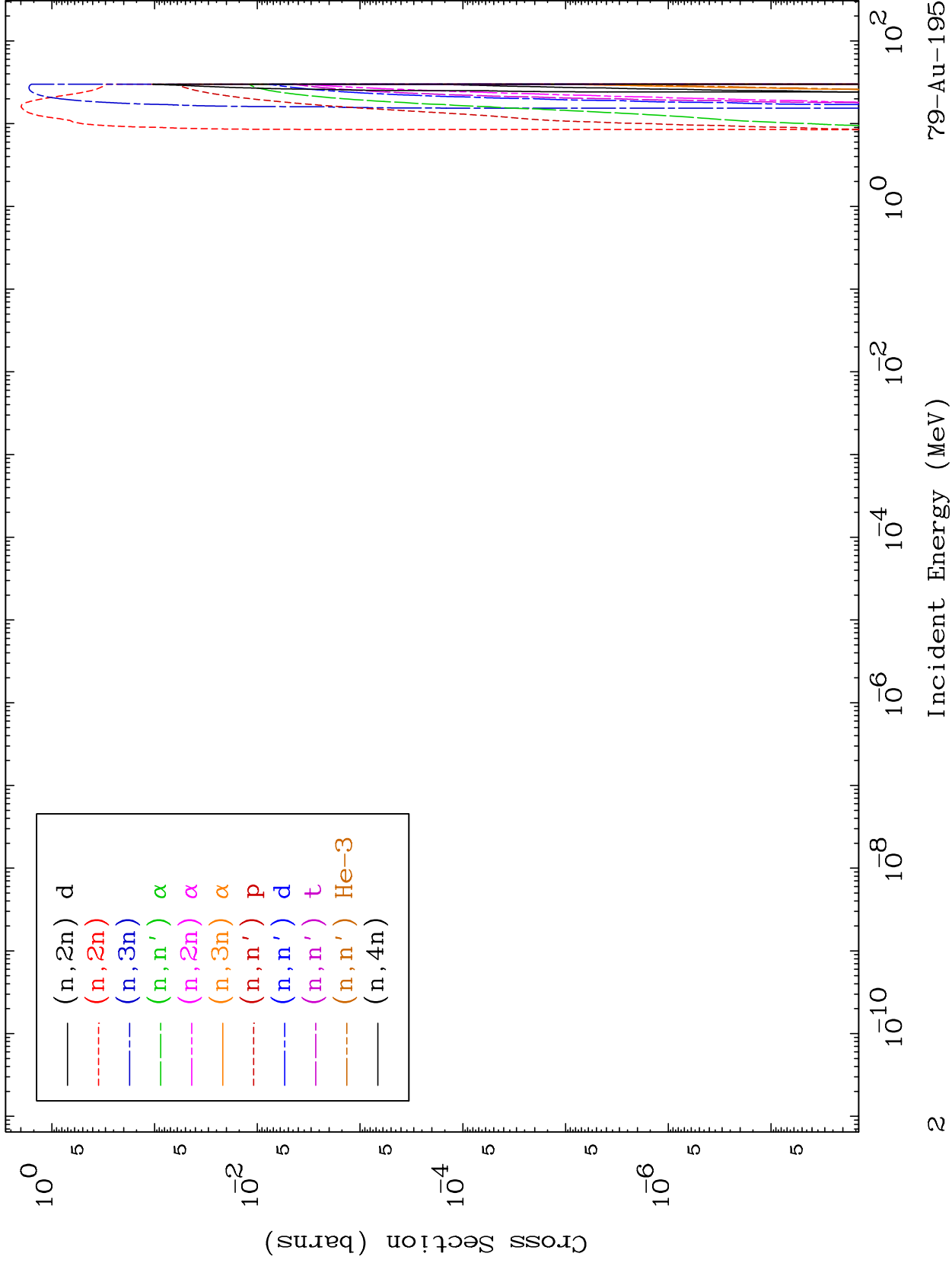
79-Au-195

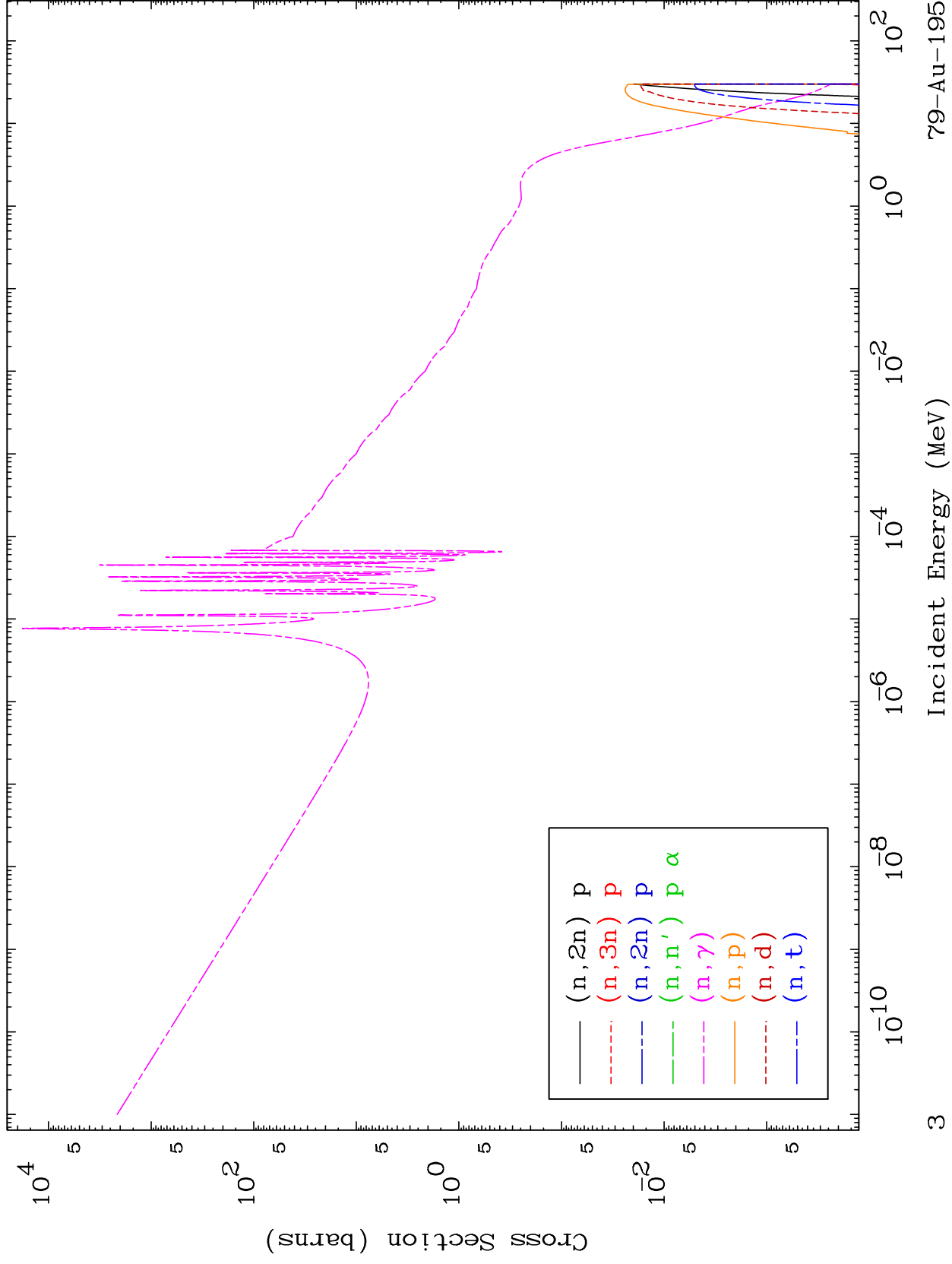


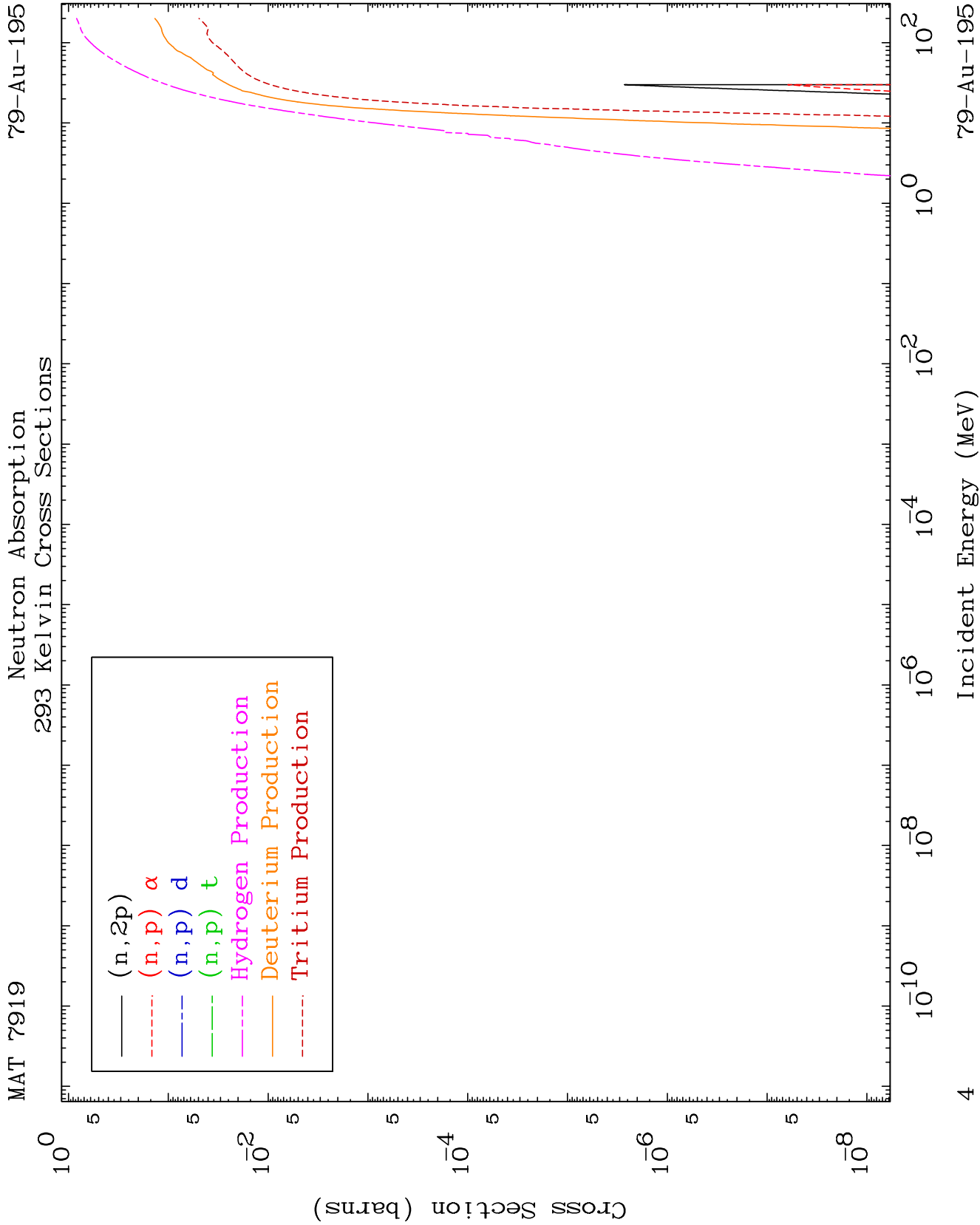
MAT 7919

Neutron Absorption
293 Kelvin Cross Sections

79-Au-195



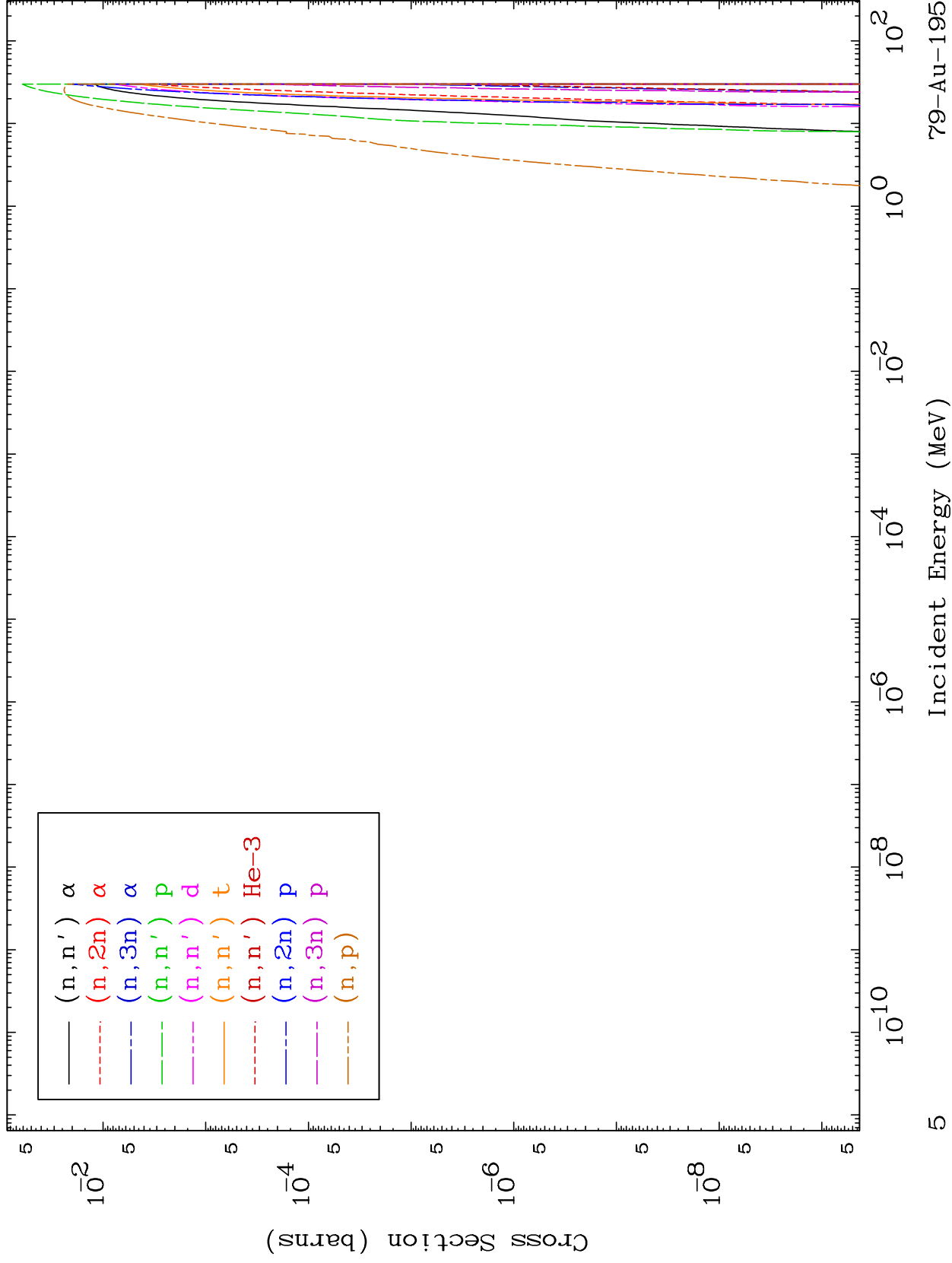


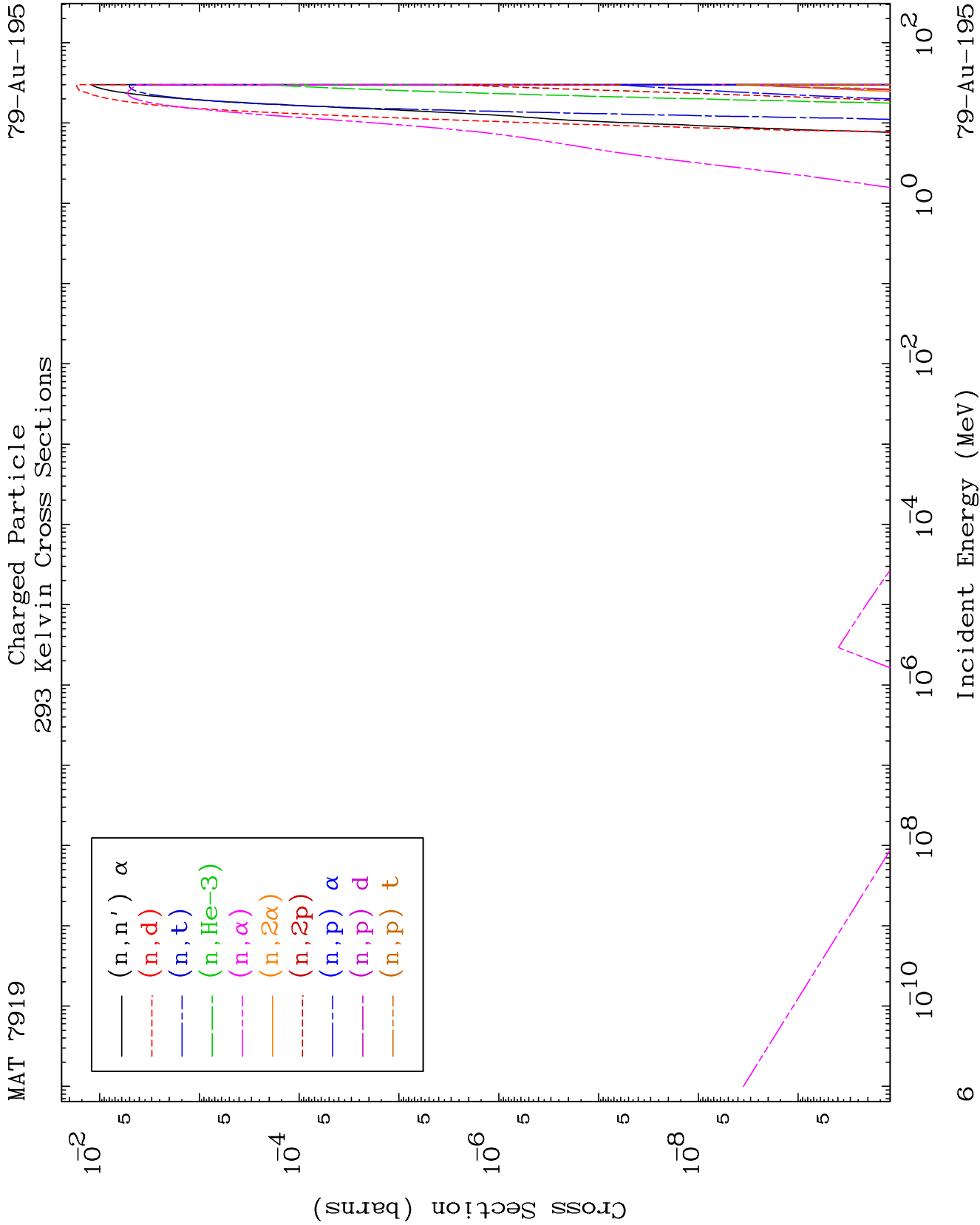


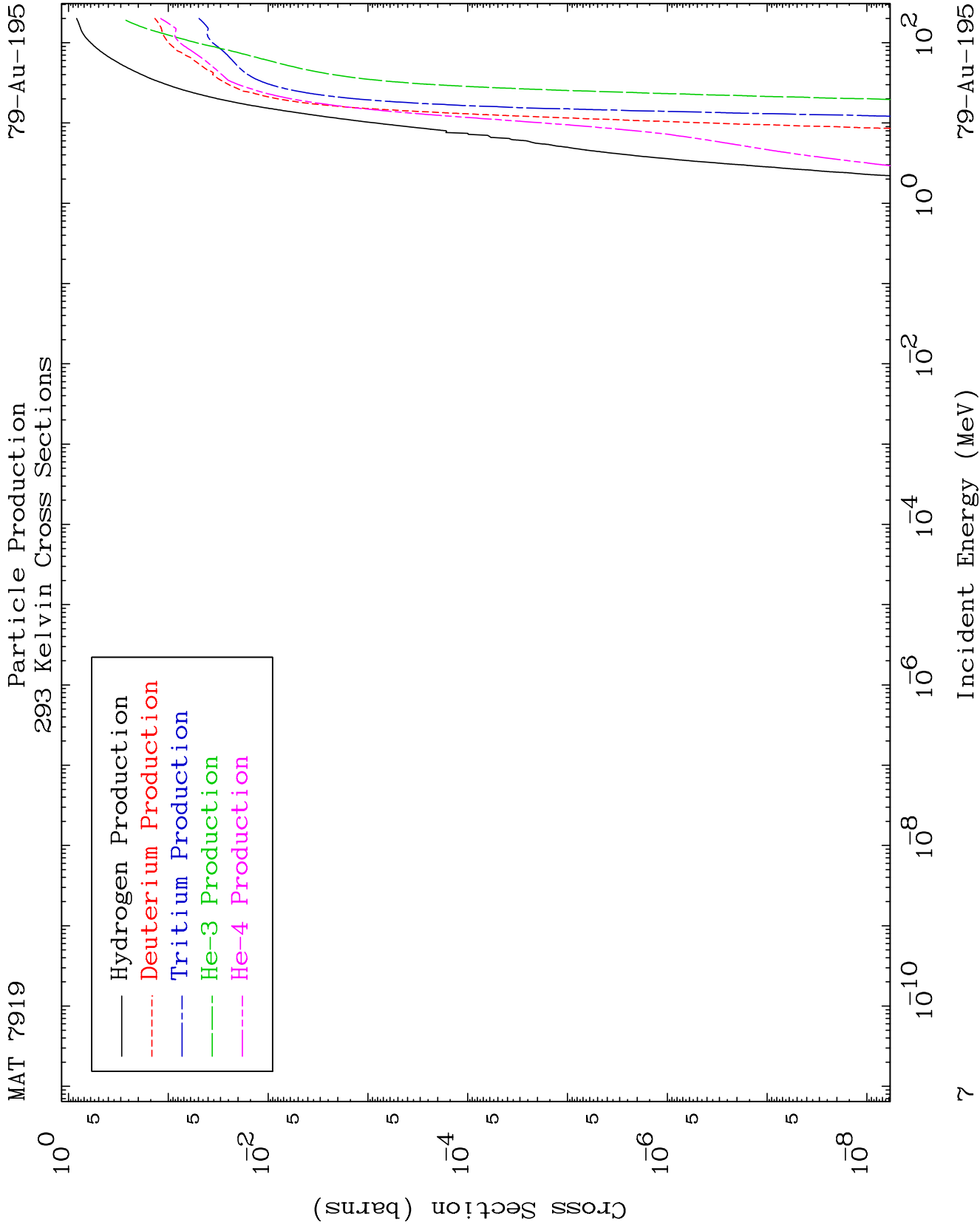
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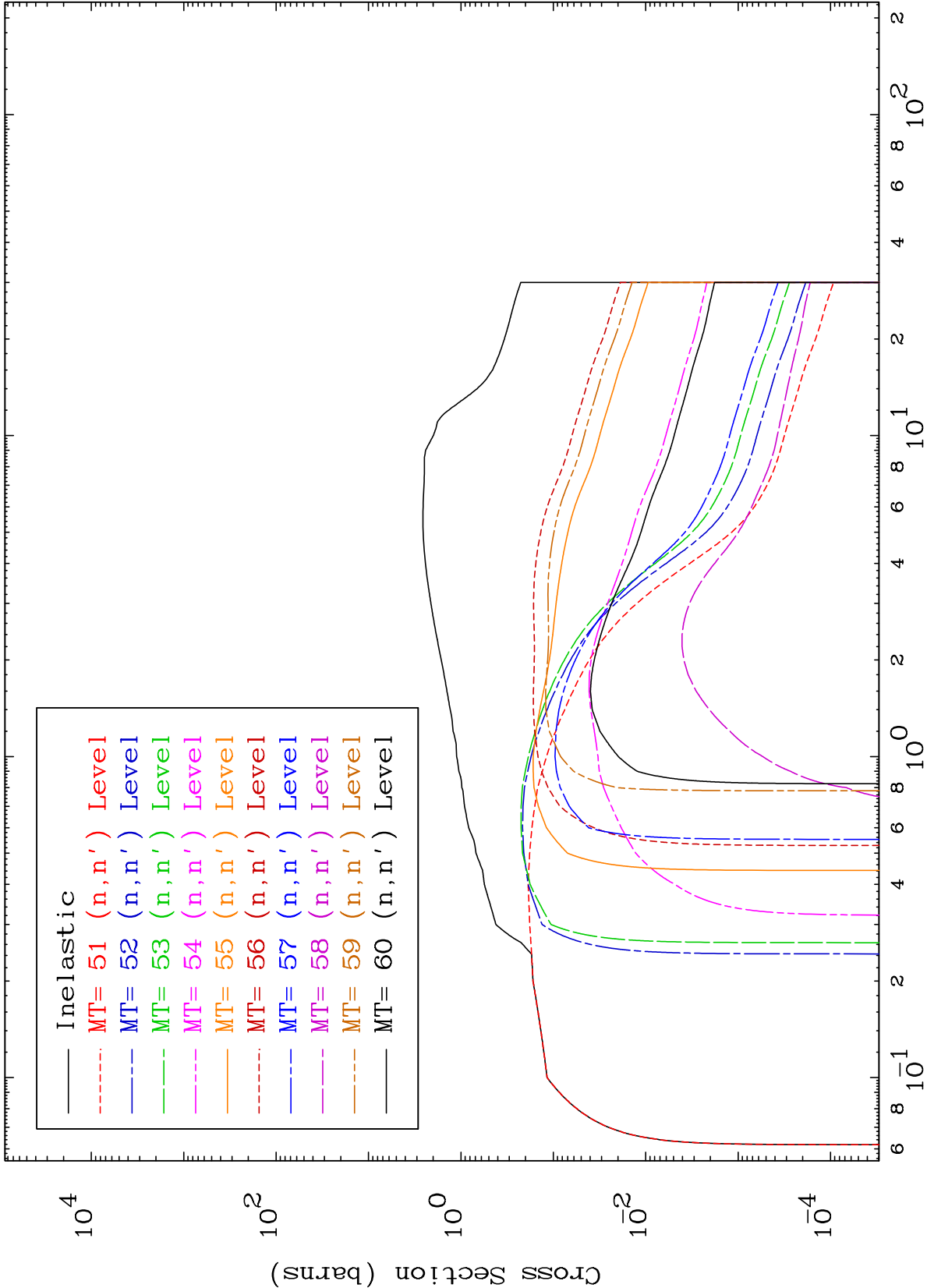
Charged Particle
293 Kelvin Cross Sections

79-Au-195

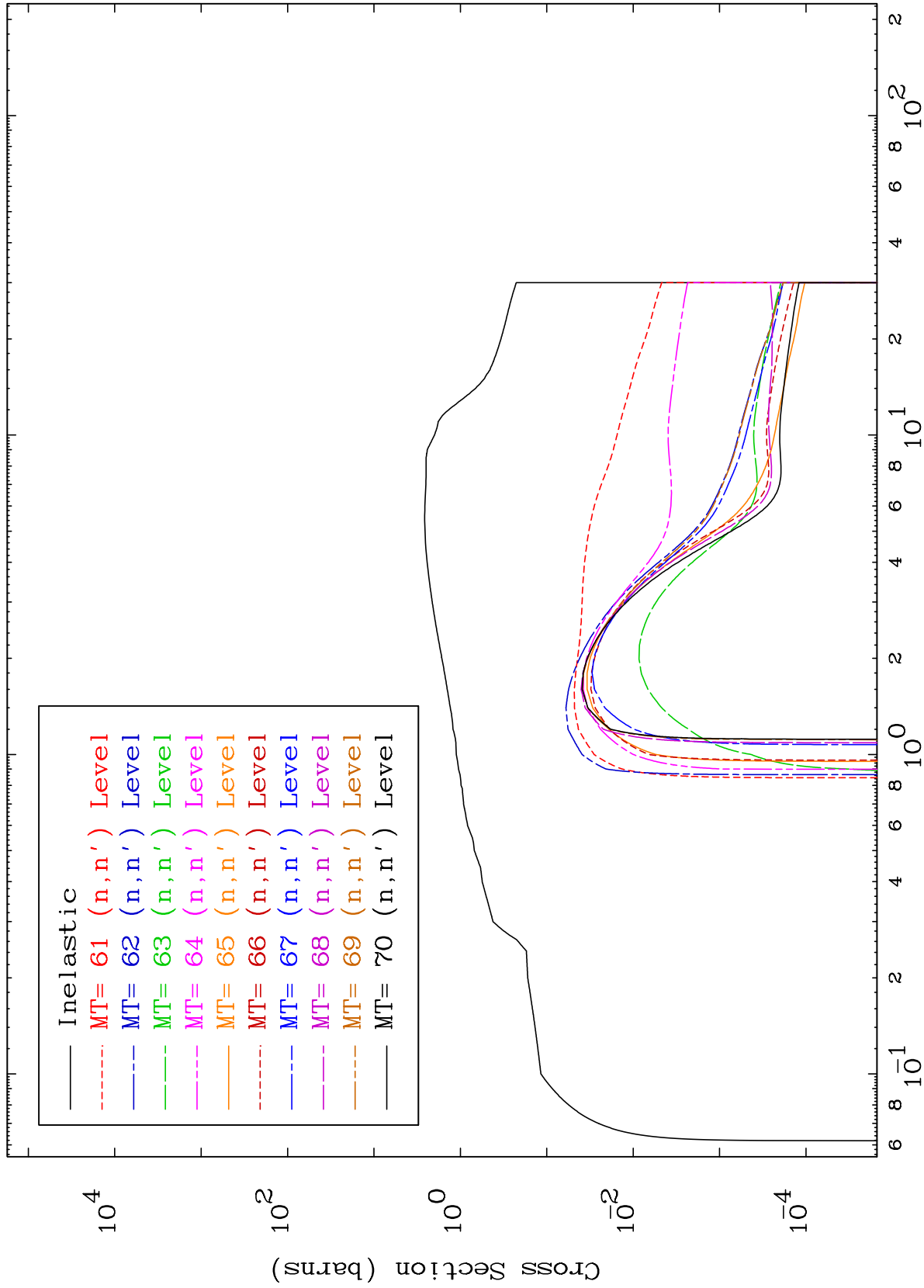








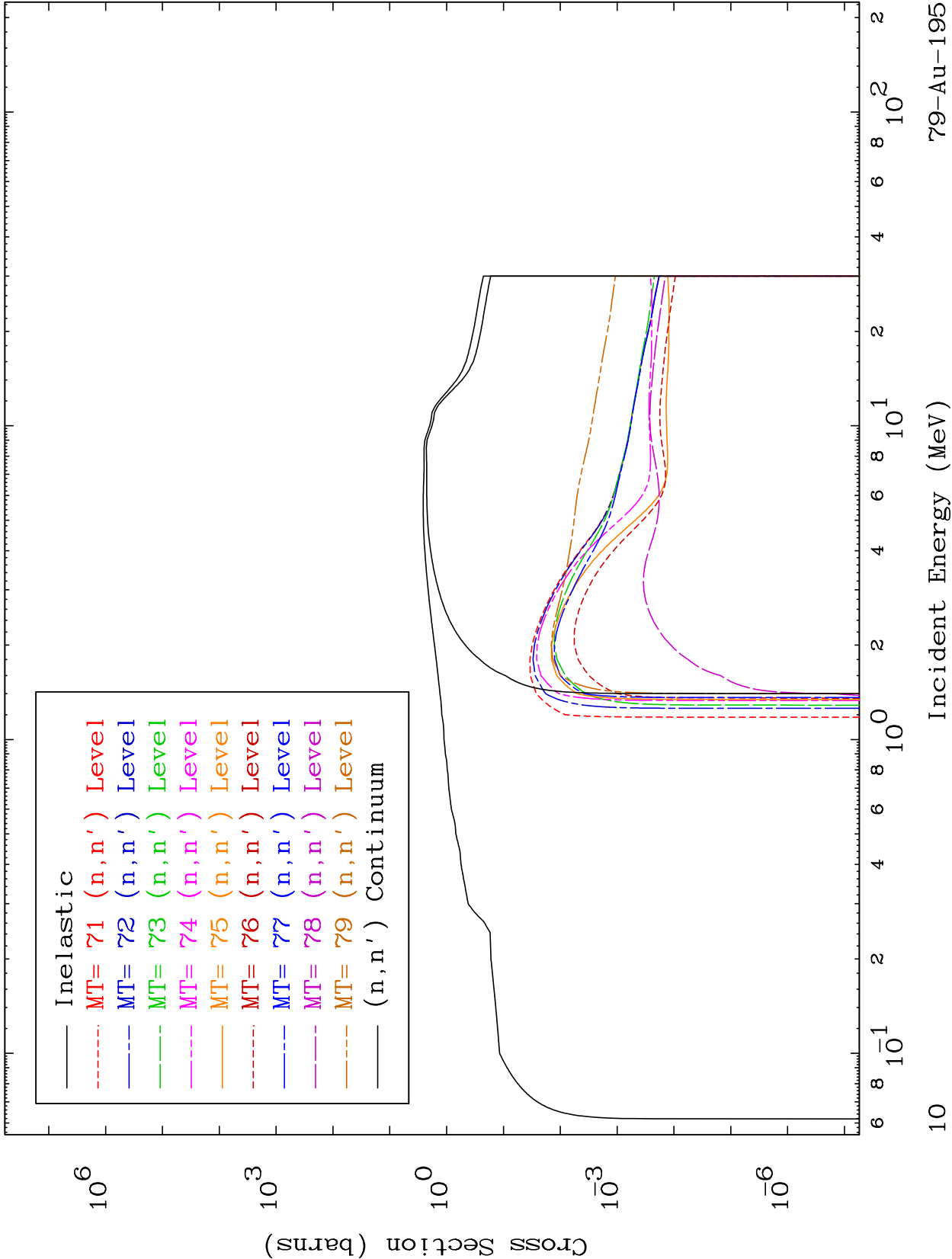
(n,n') Levels
293 Kelvin Cross Sections



MAT 7919

(n,n') Levels
293 Kelvin Cross Sections

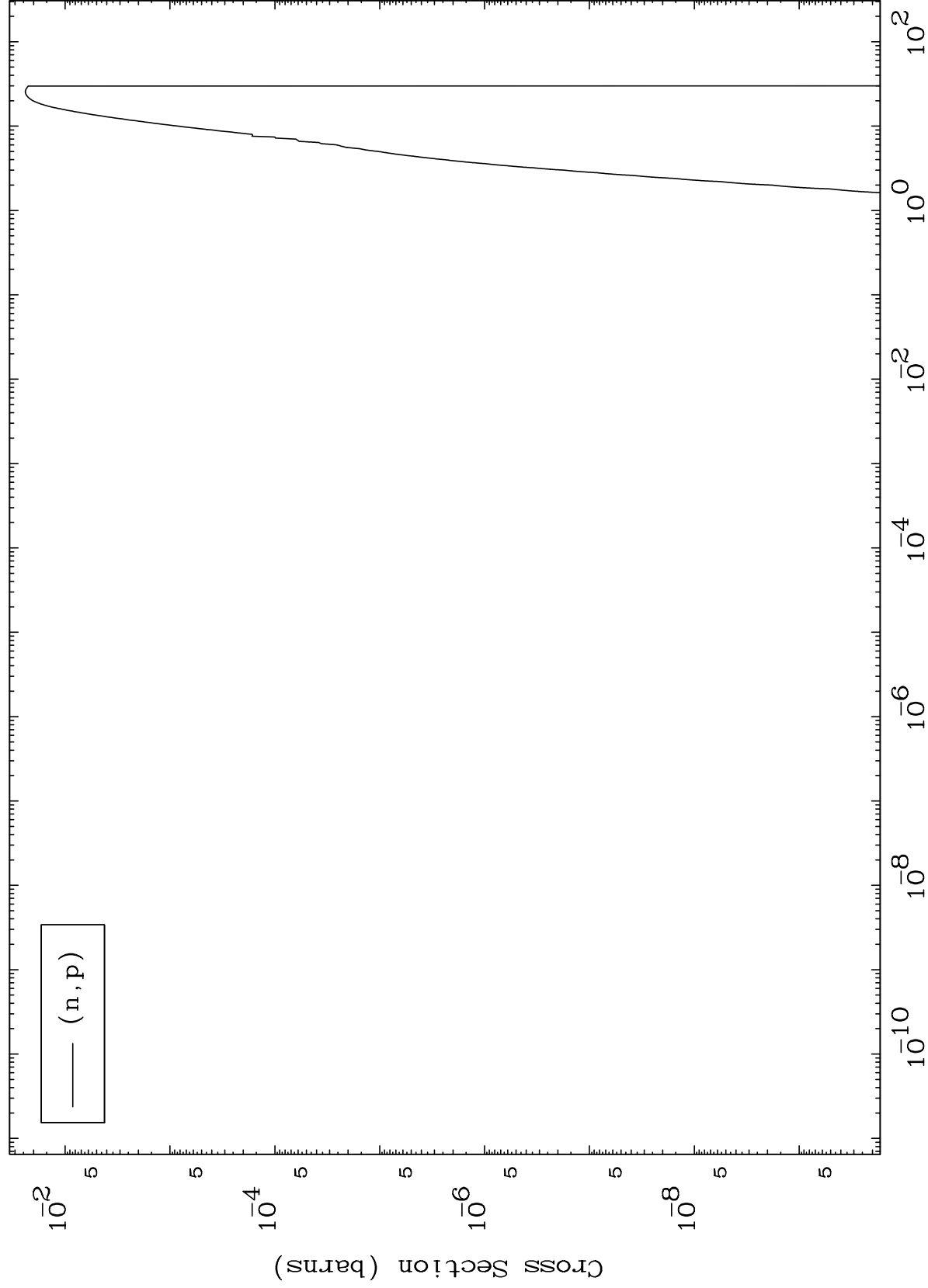
79-Au-195



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79-Au-195

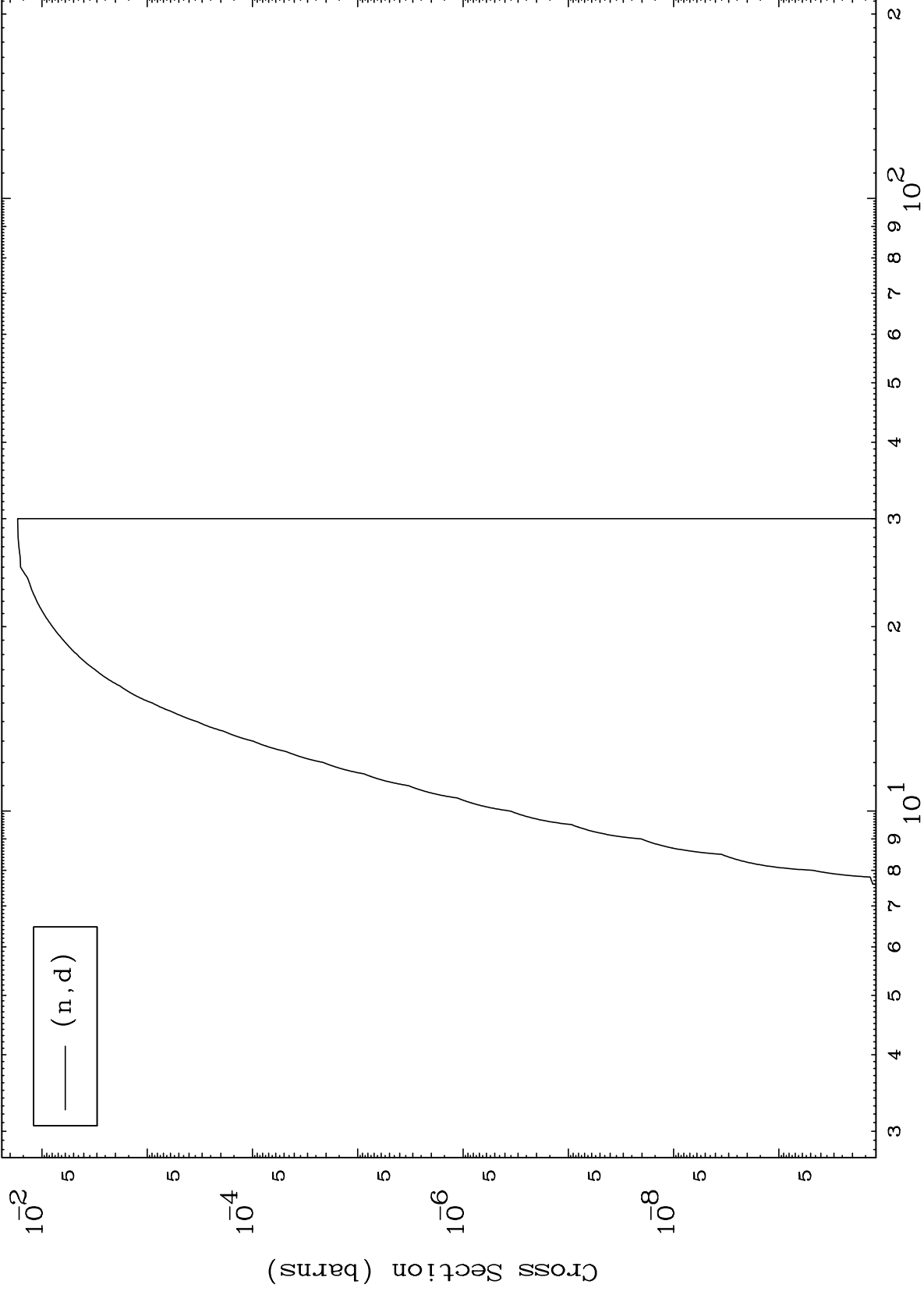
(n,p) Levels
293 Kelvin Cross Sections



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(n,d) Levels
293 Kelvin Cross Sections

79-Au-195



12

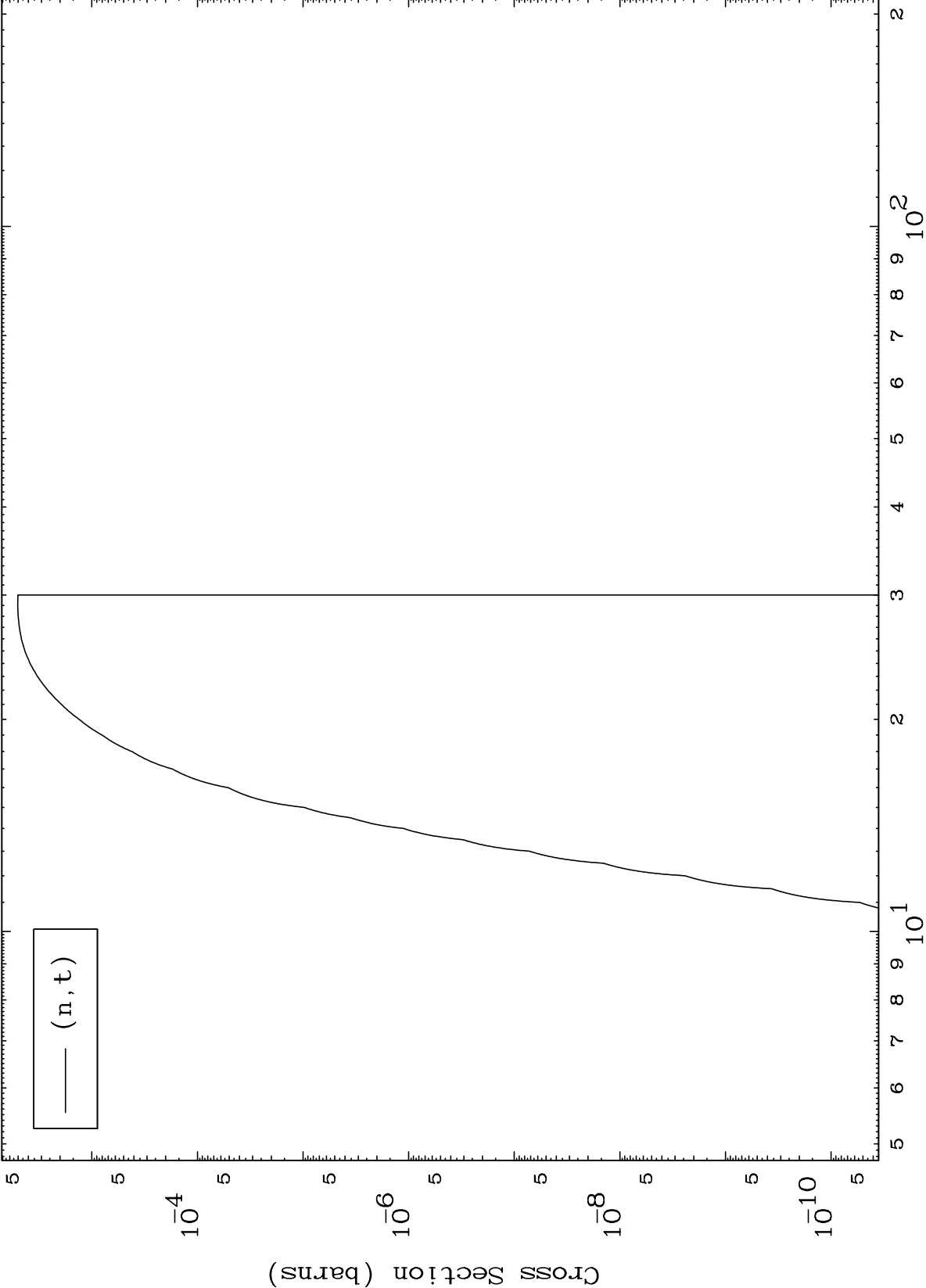
Incident Energy (MeV)

79-Au-195

MAT 7919

(n,t) Levels
293 Kelvin Cross Sections

79-Au-195



13

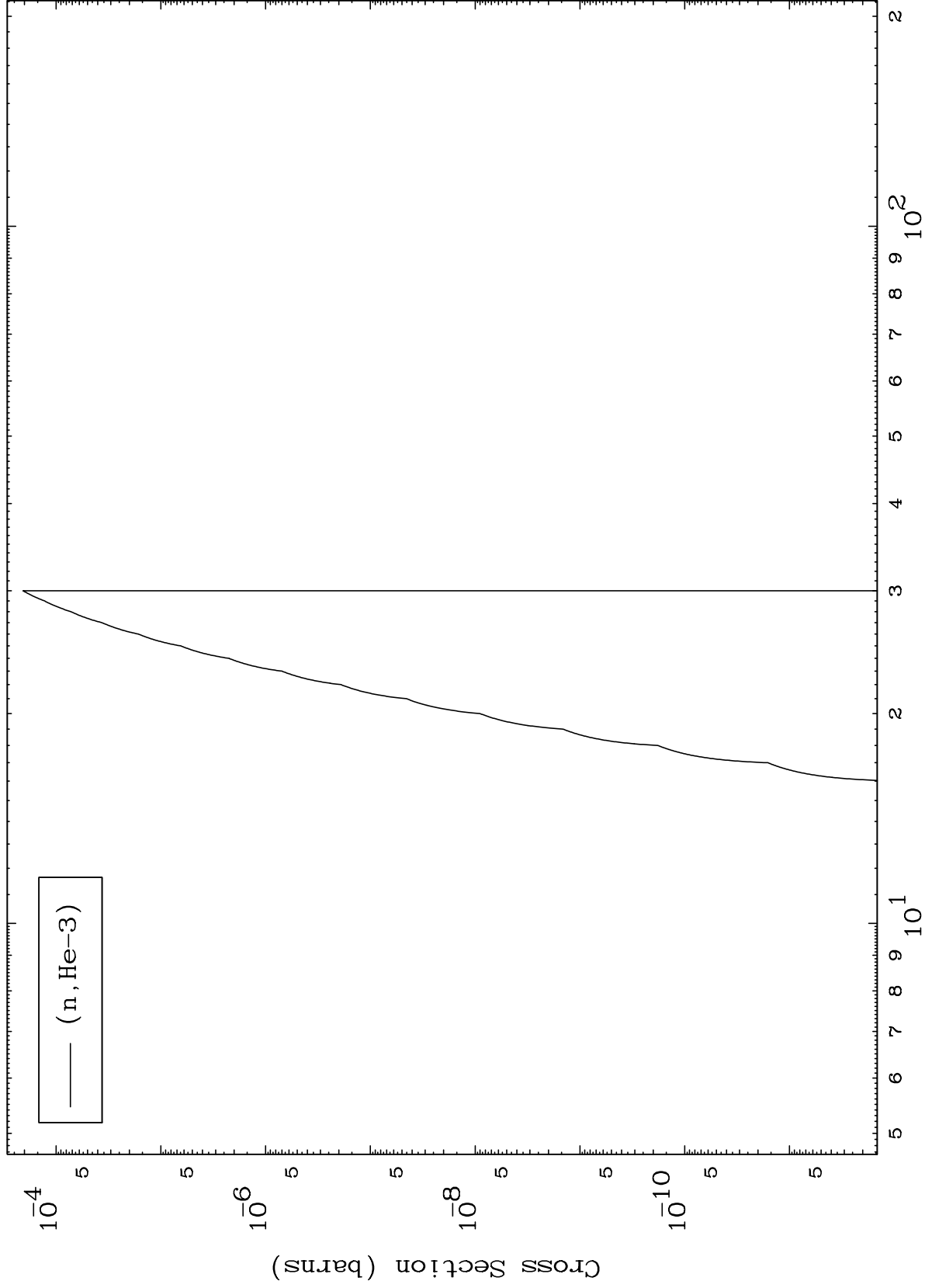
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,He3) Levels
293 Kelvin Cross Sections



79-Au-195

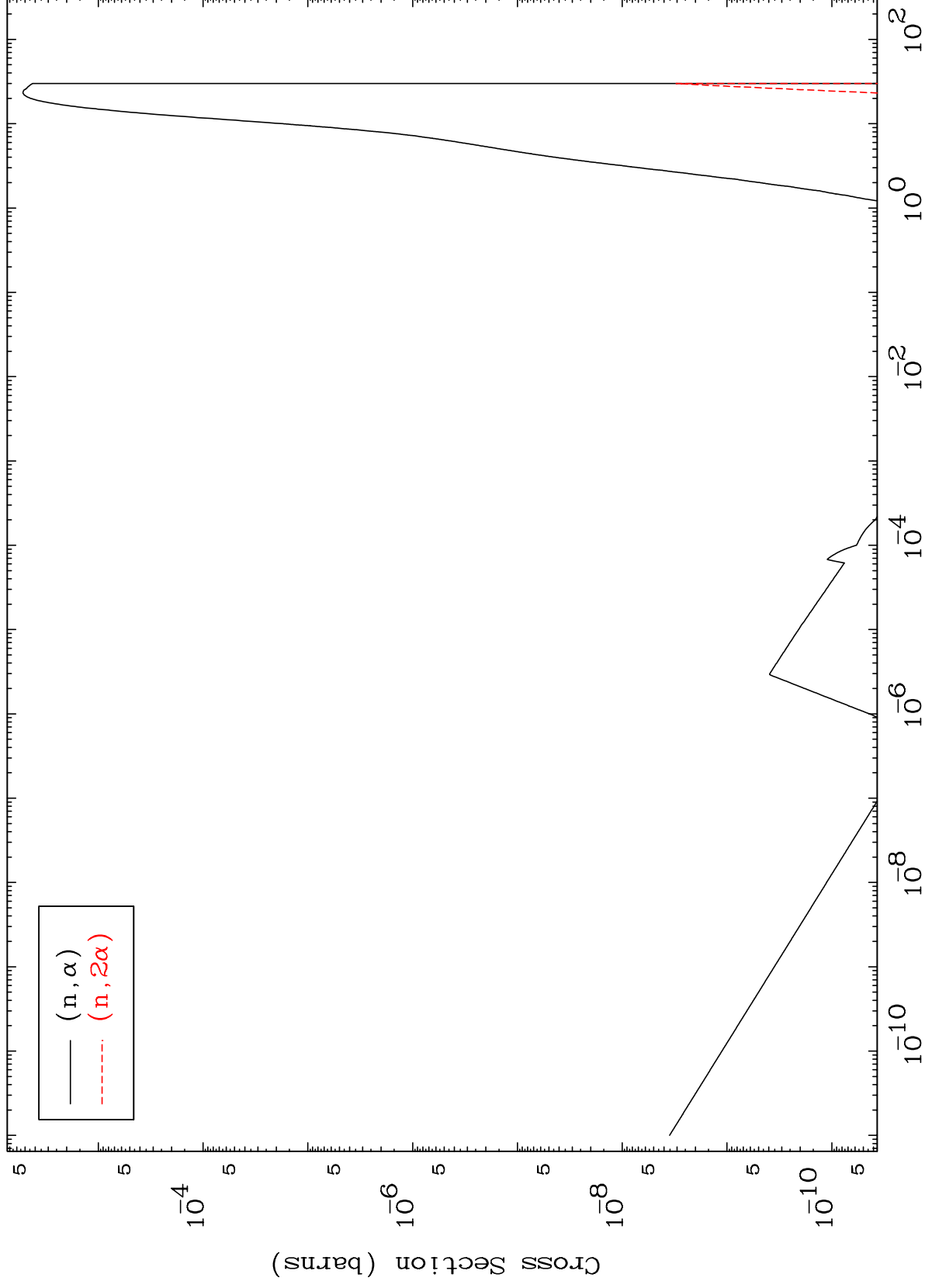
Incident Energy (MeV)

14

MAT 7919

(n, α) Levels
293 Kelvin Cross Sections

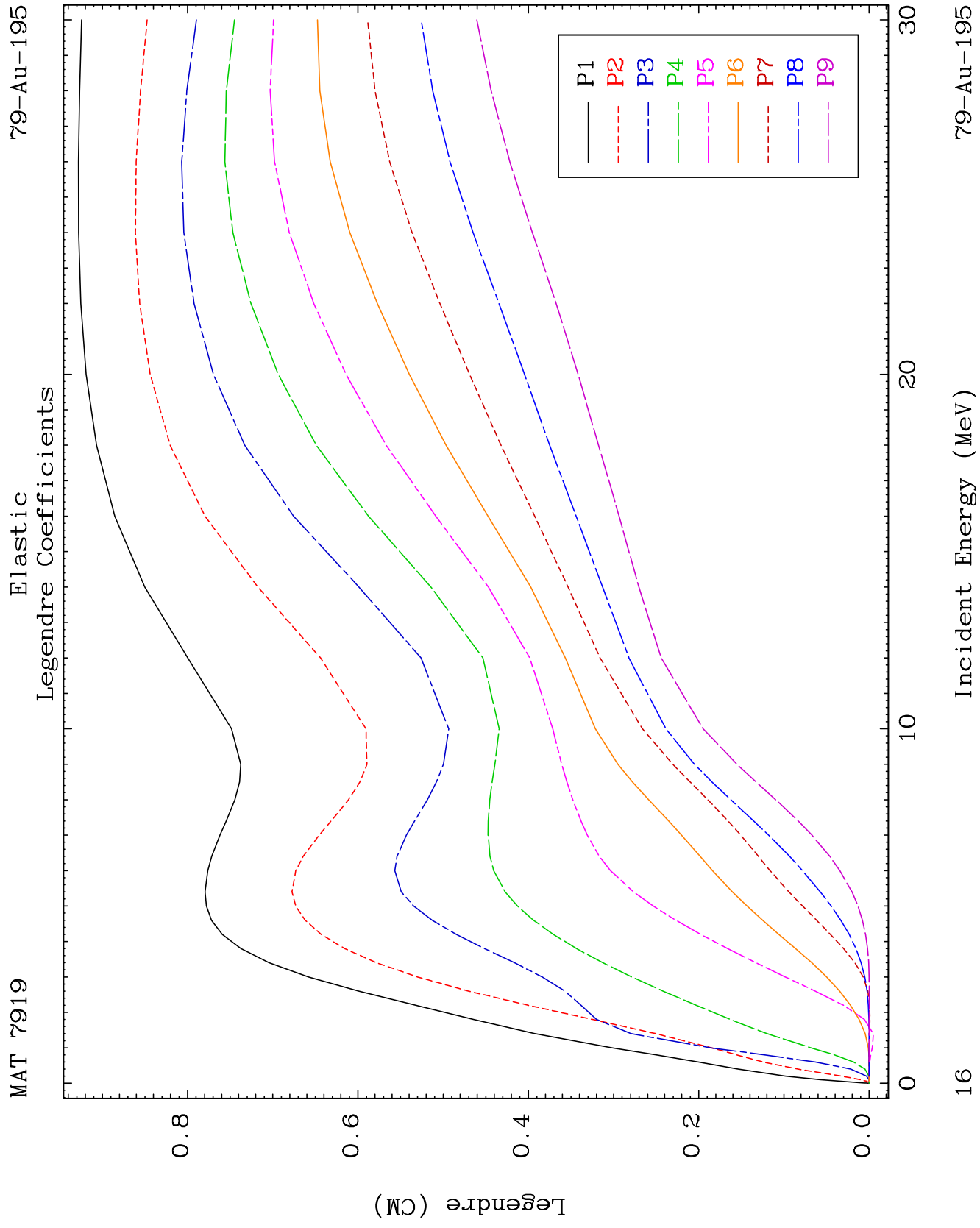
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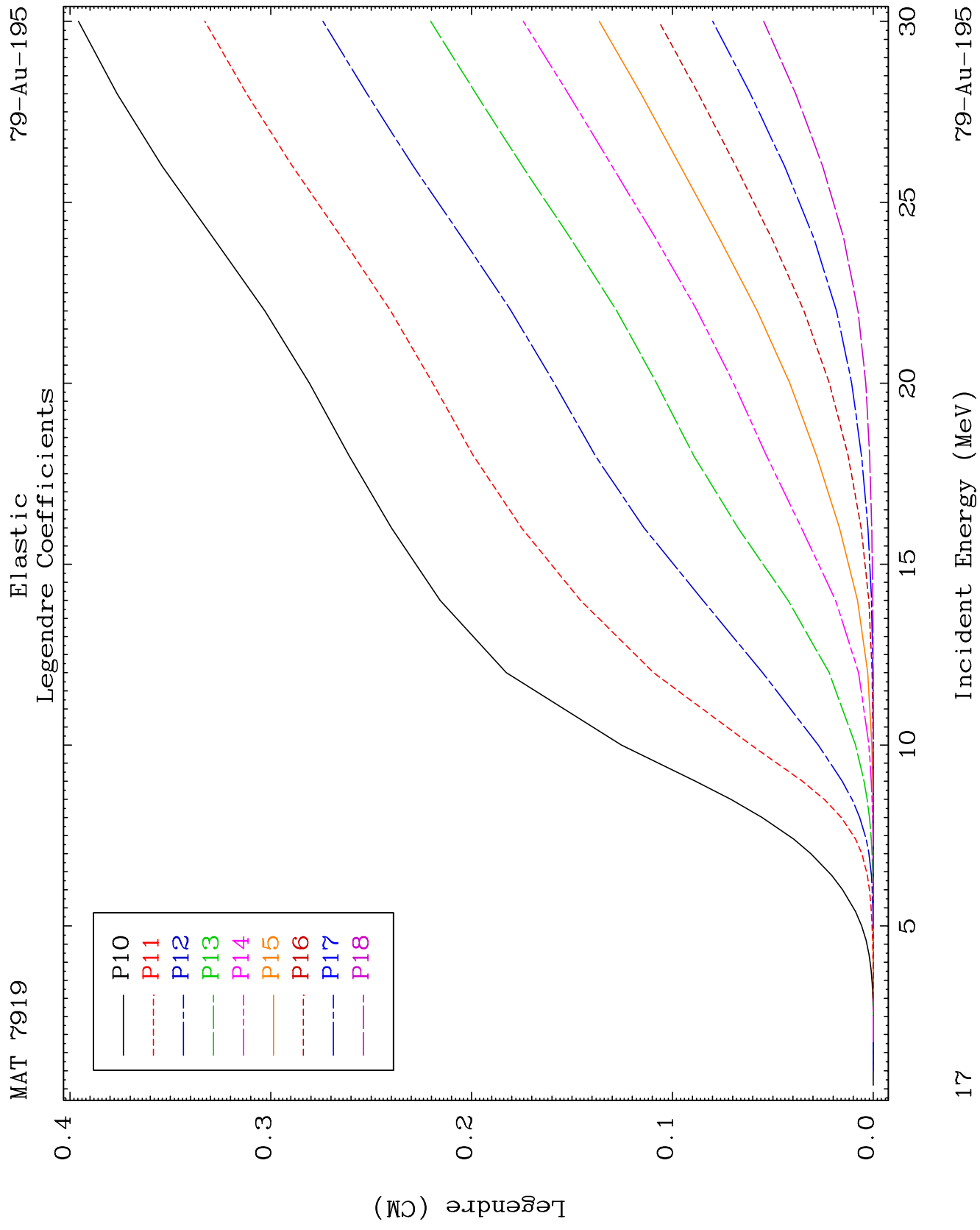


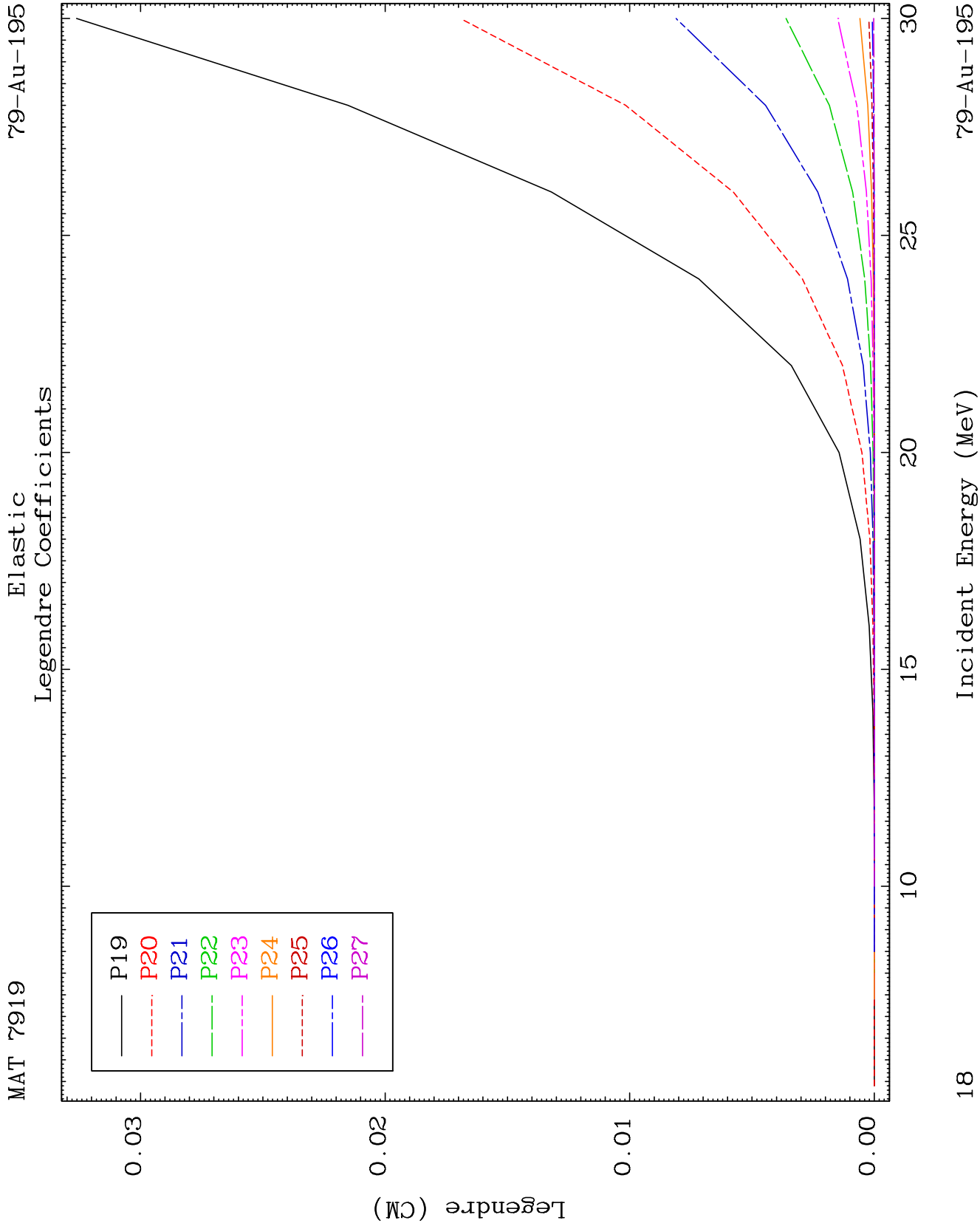
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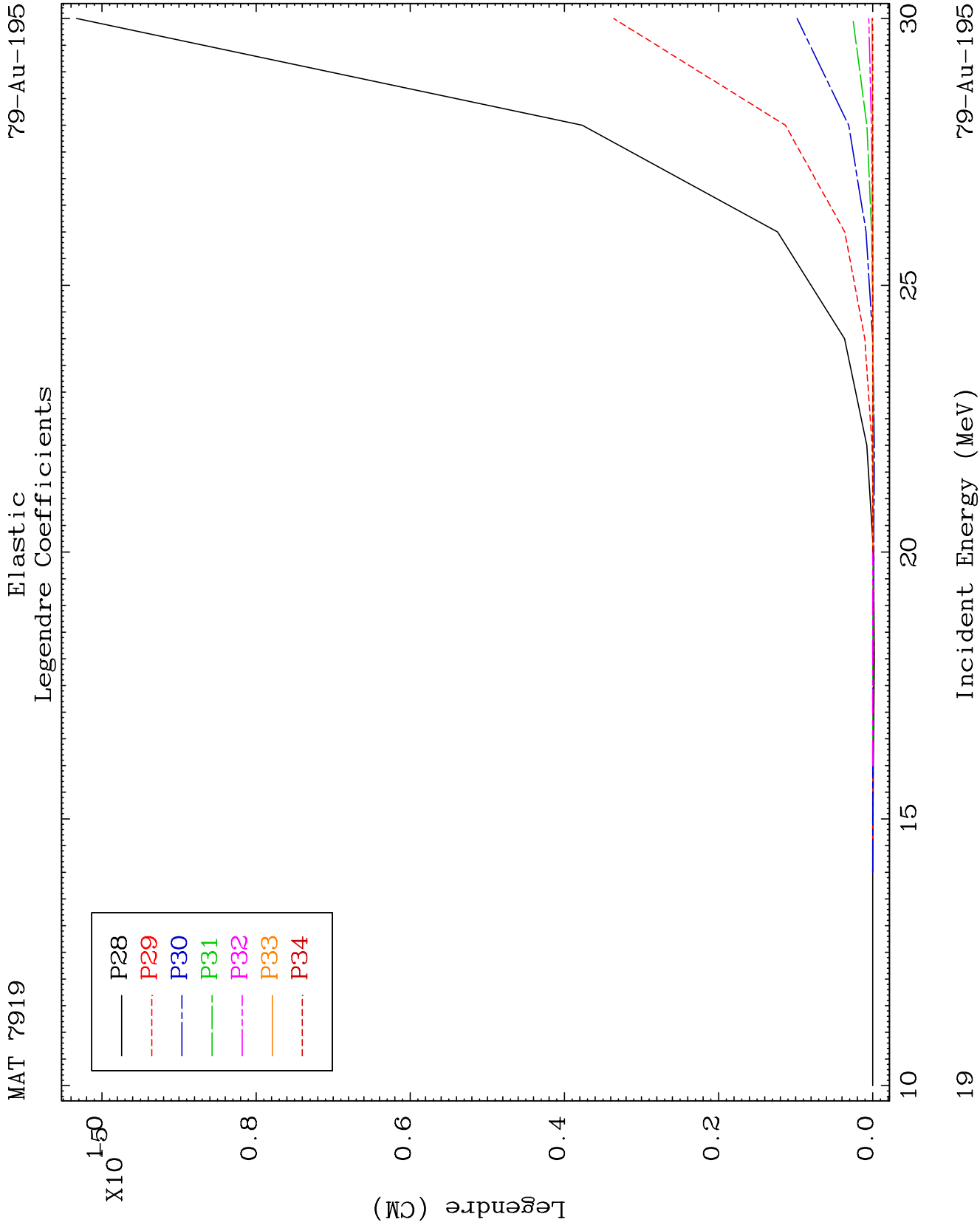
Incident Energy (MeV)

79-Au-195





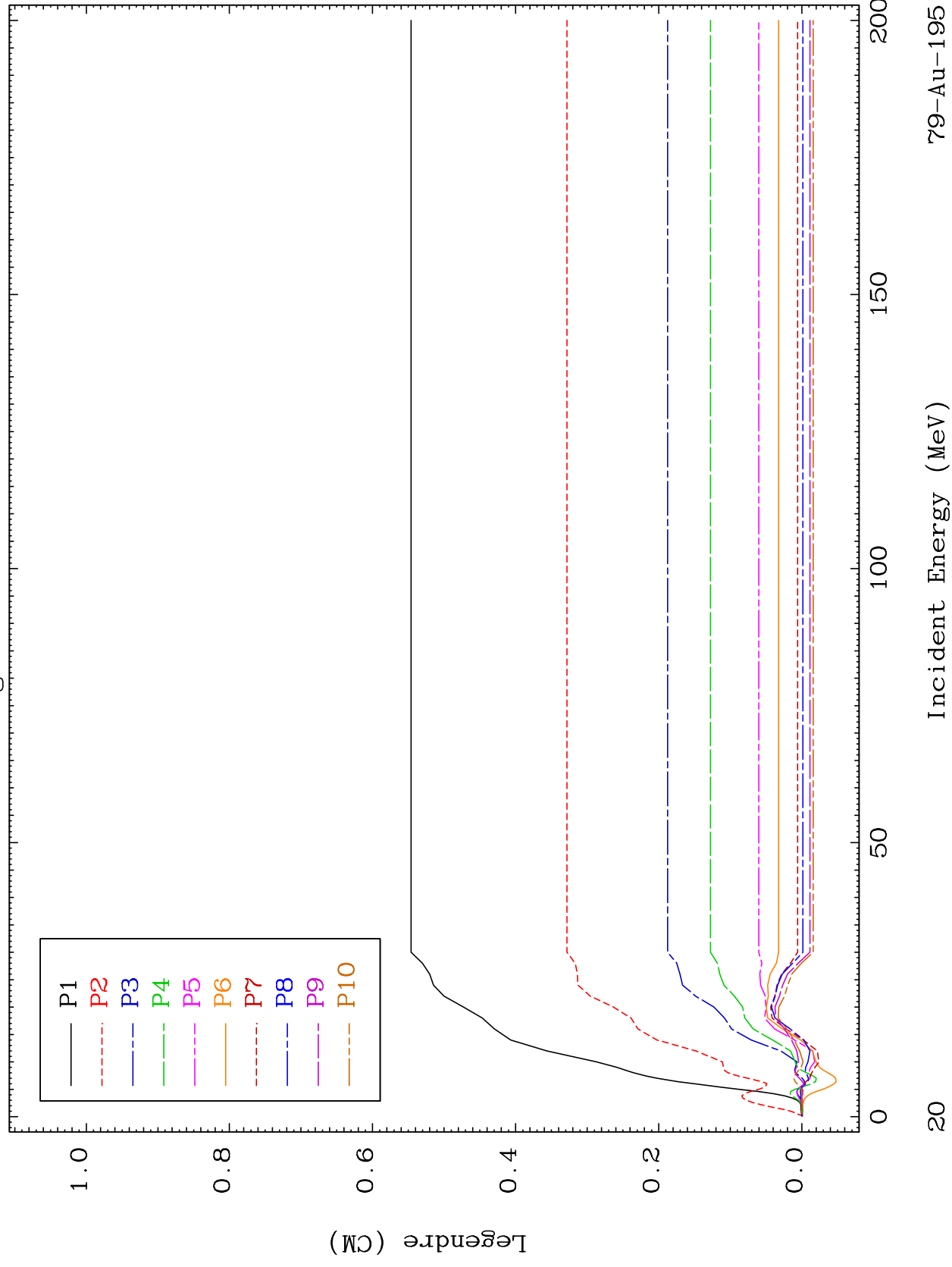


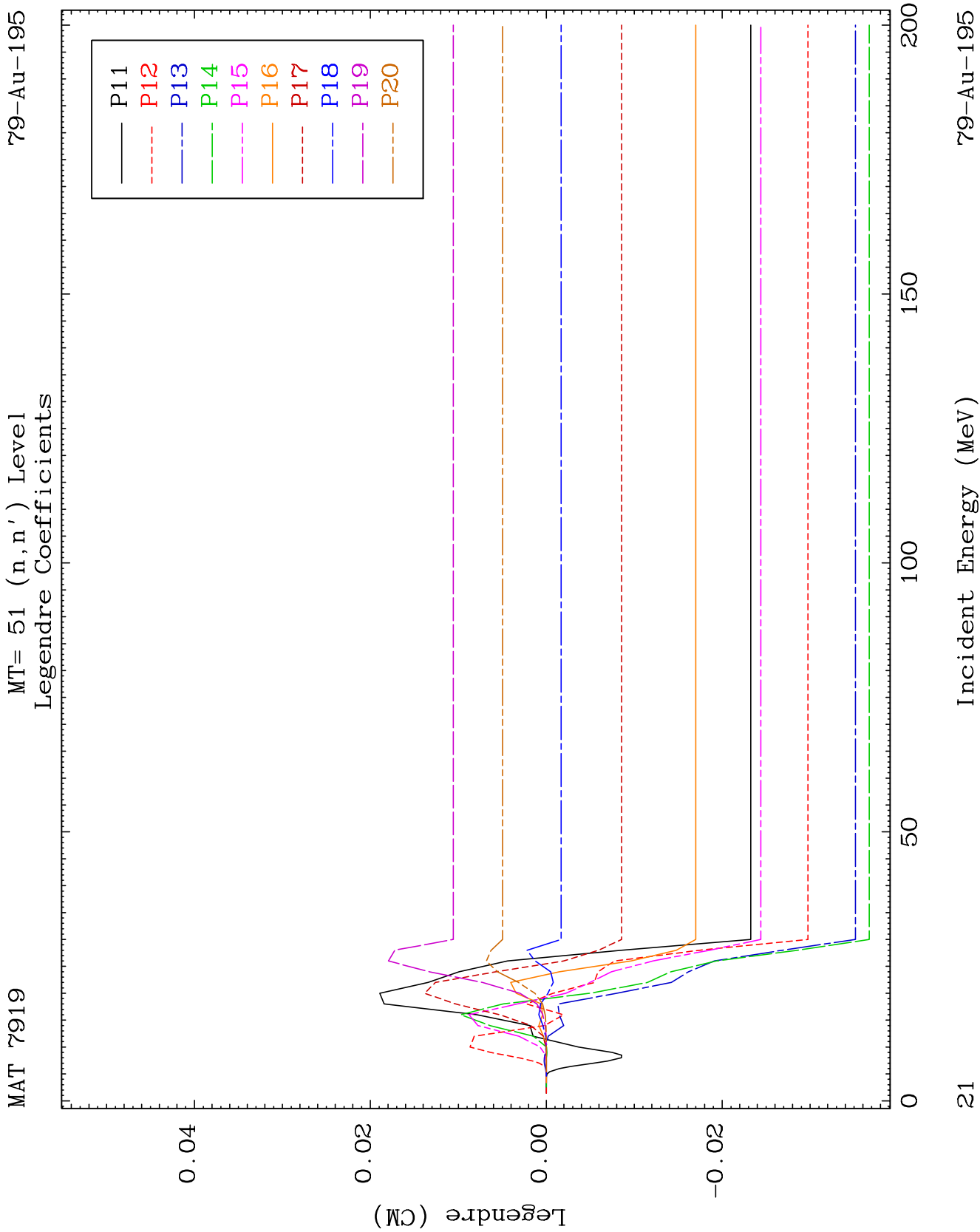


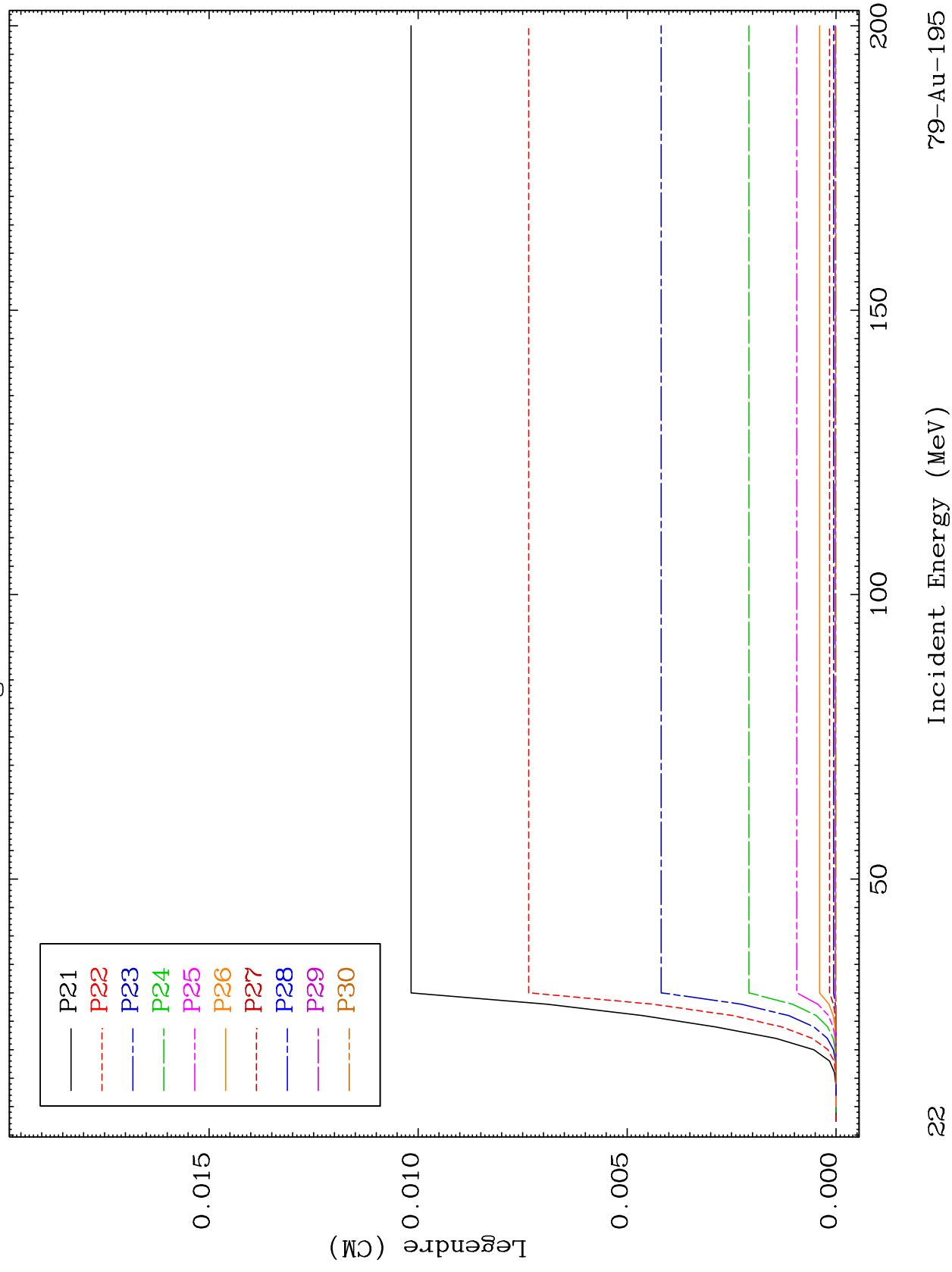
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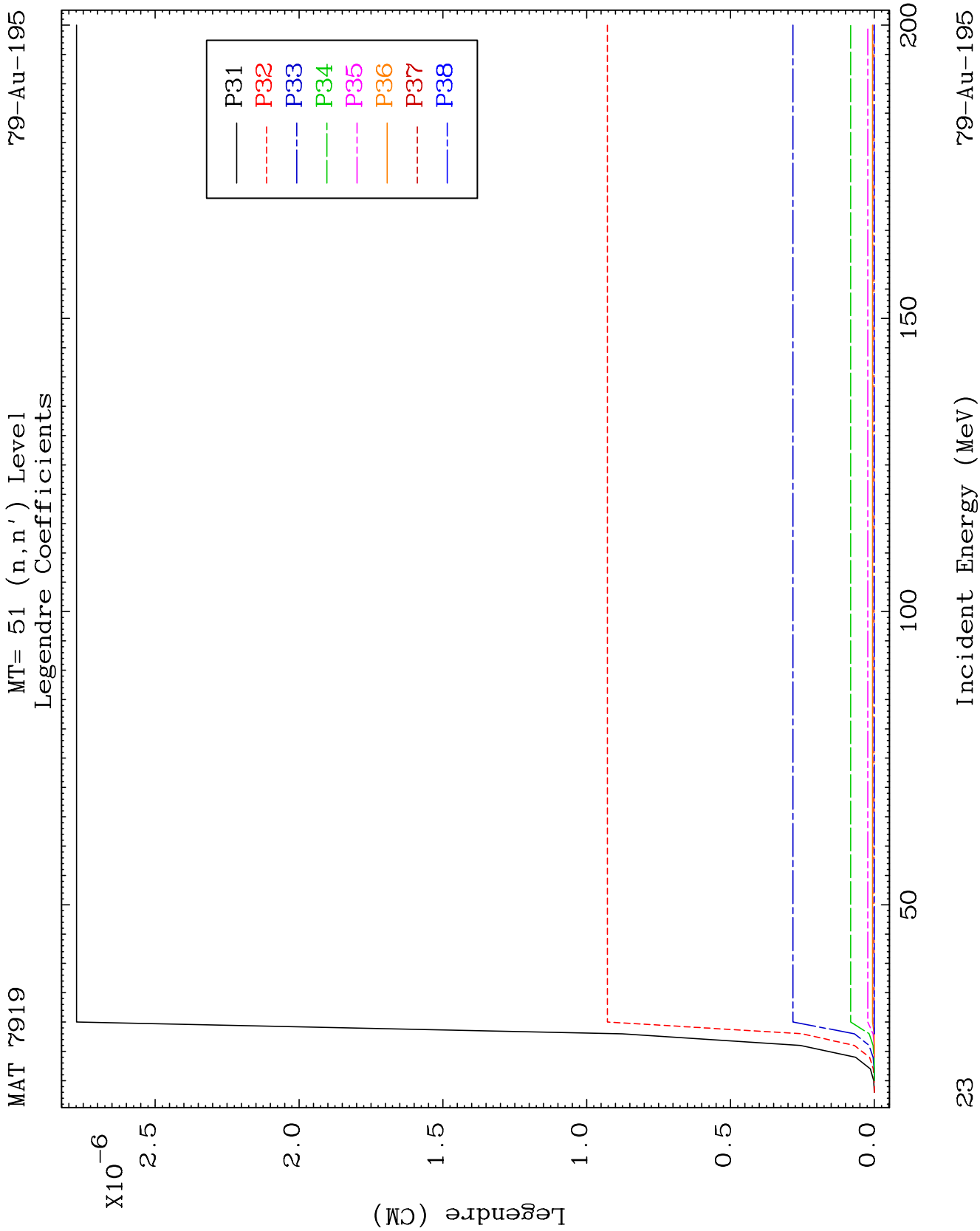
MT= 51 (n, n') Level
Legendre Coefficients

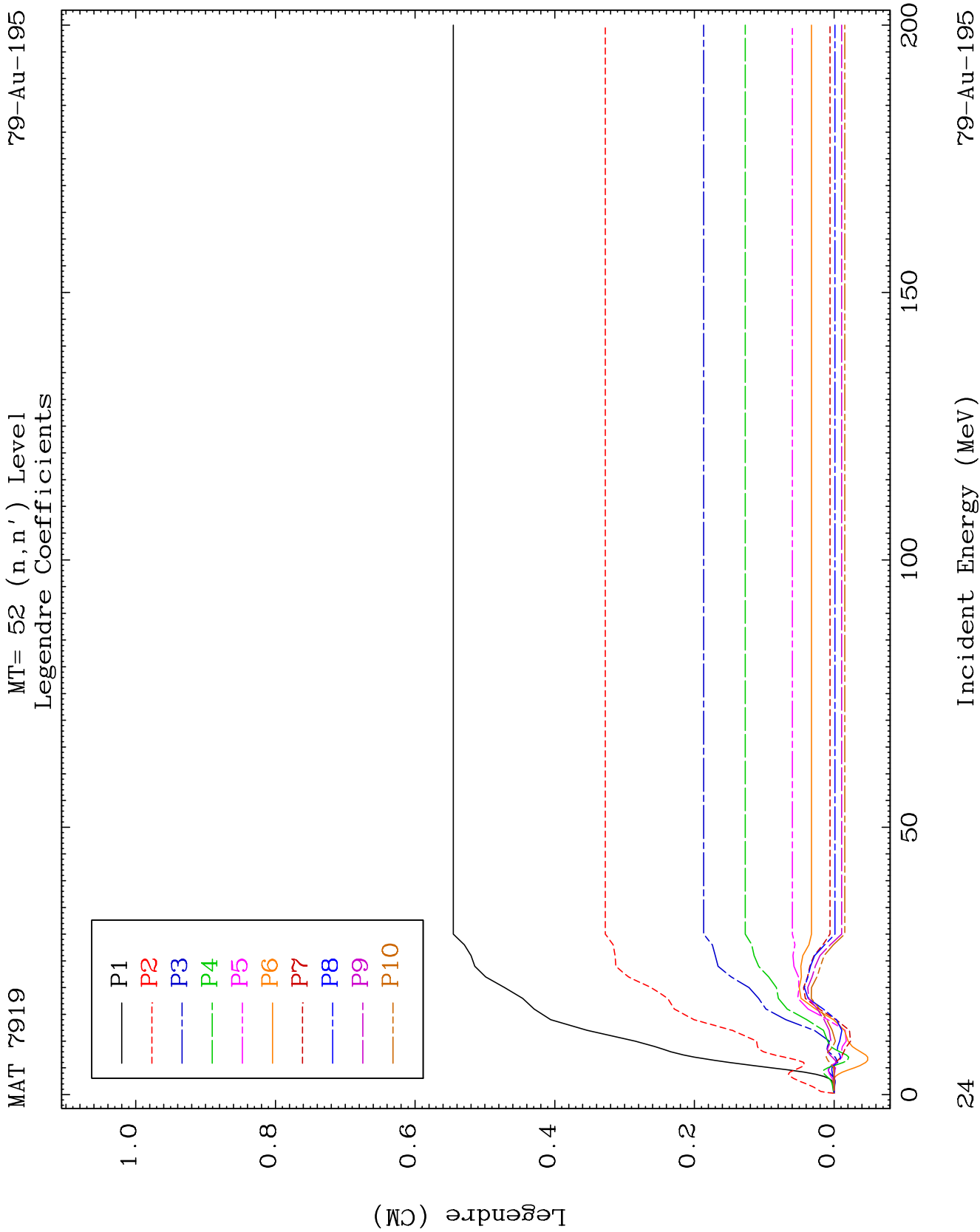
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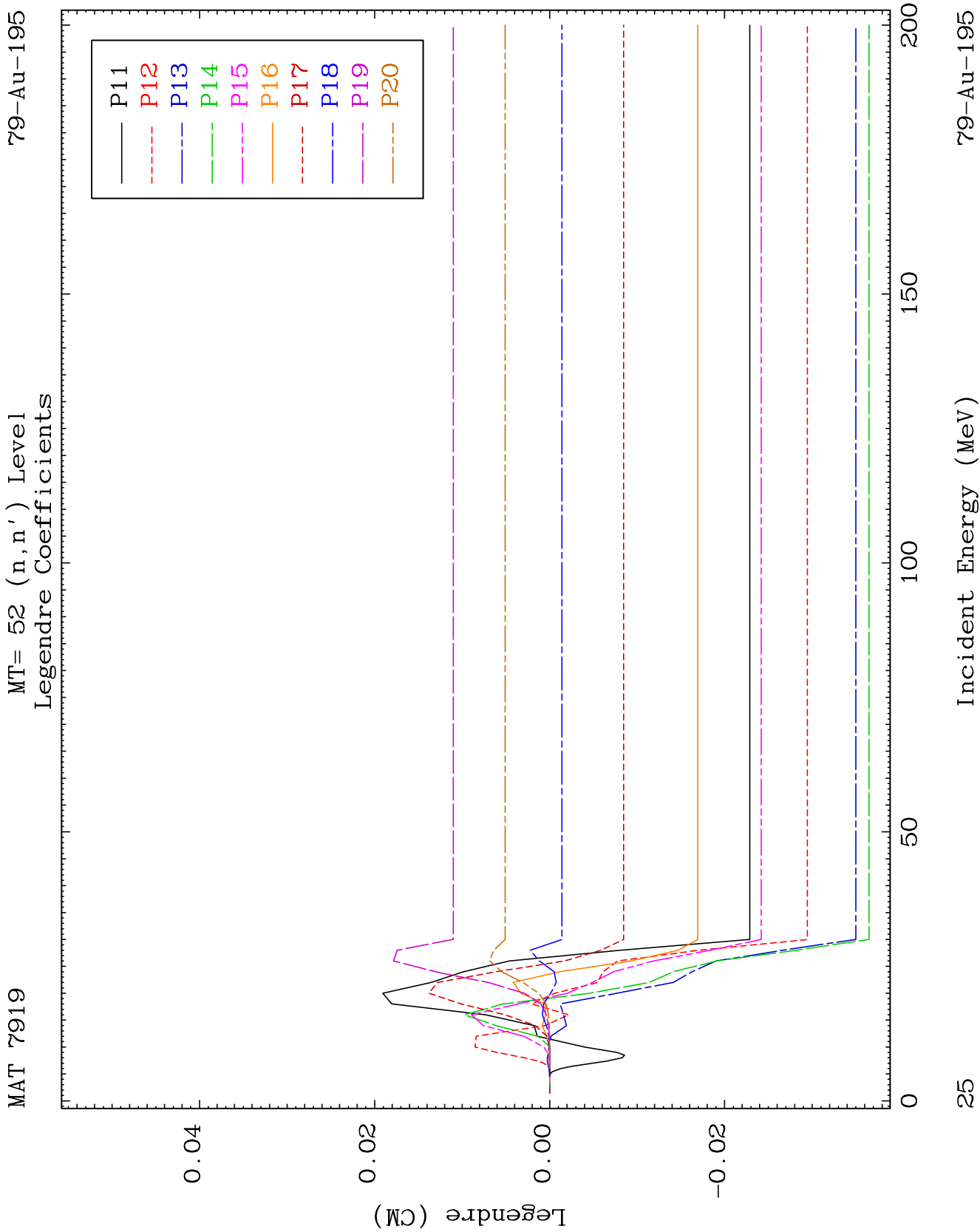








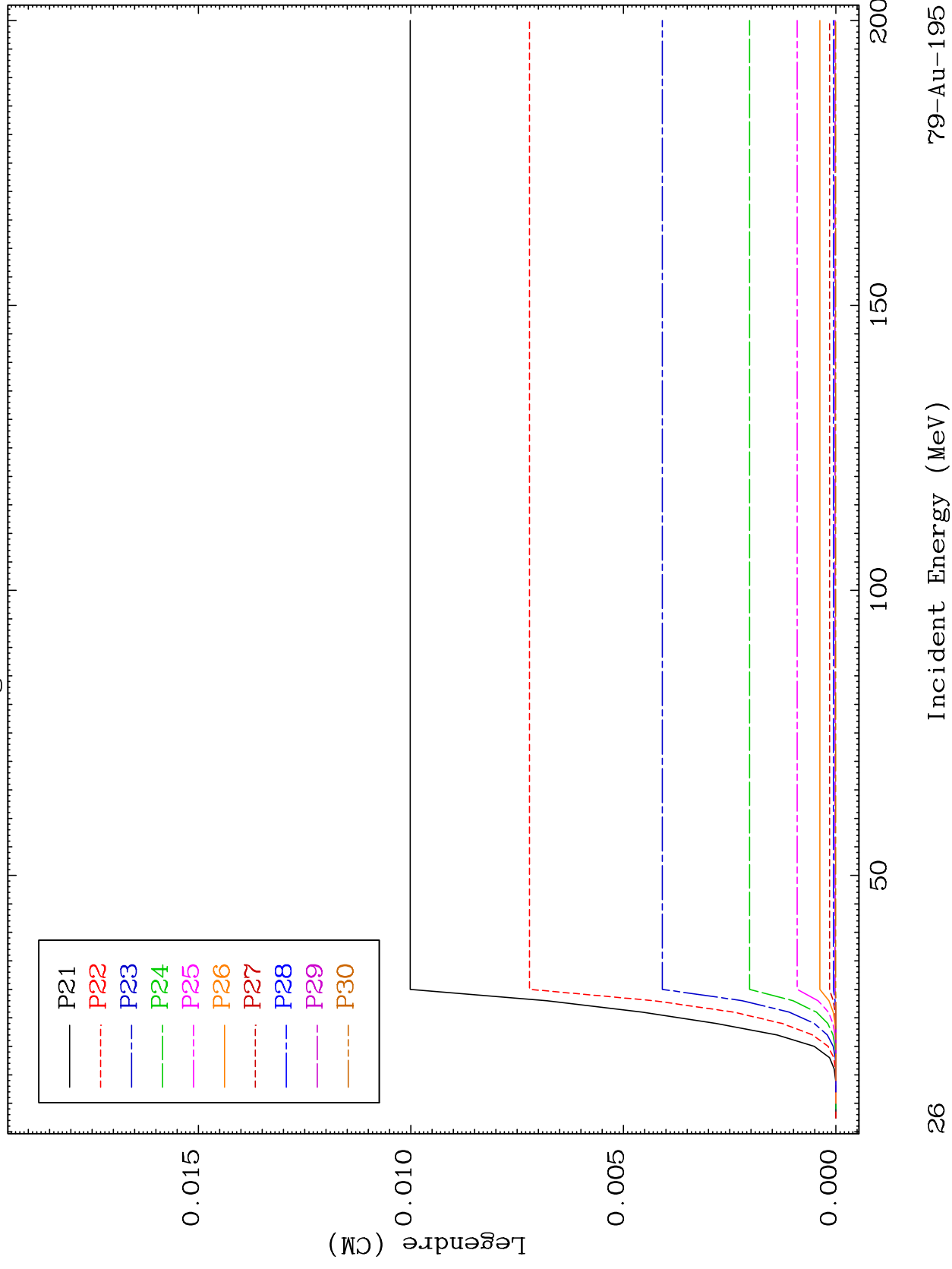


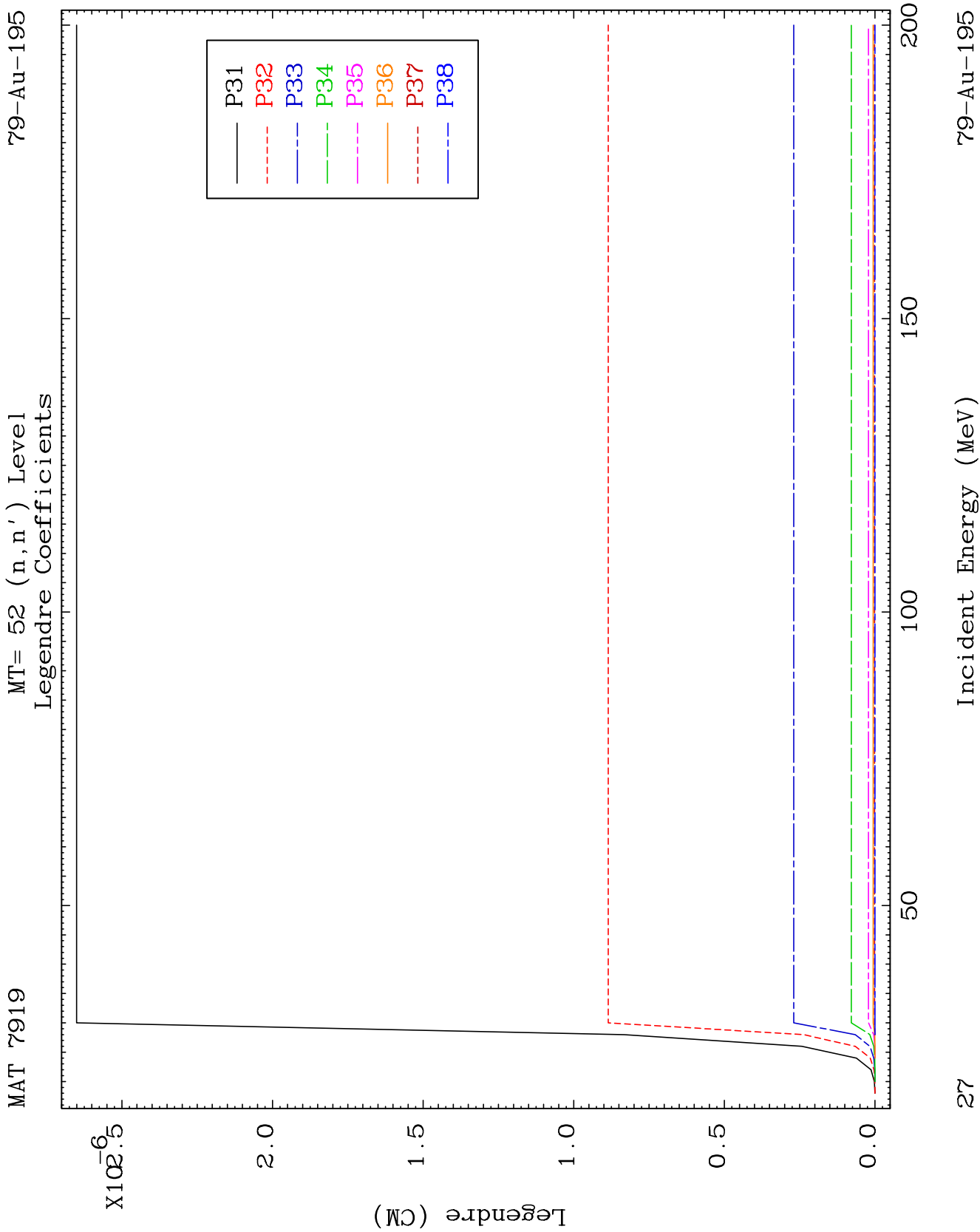


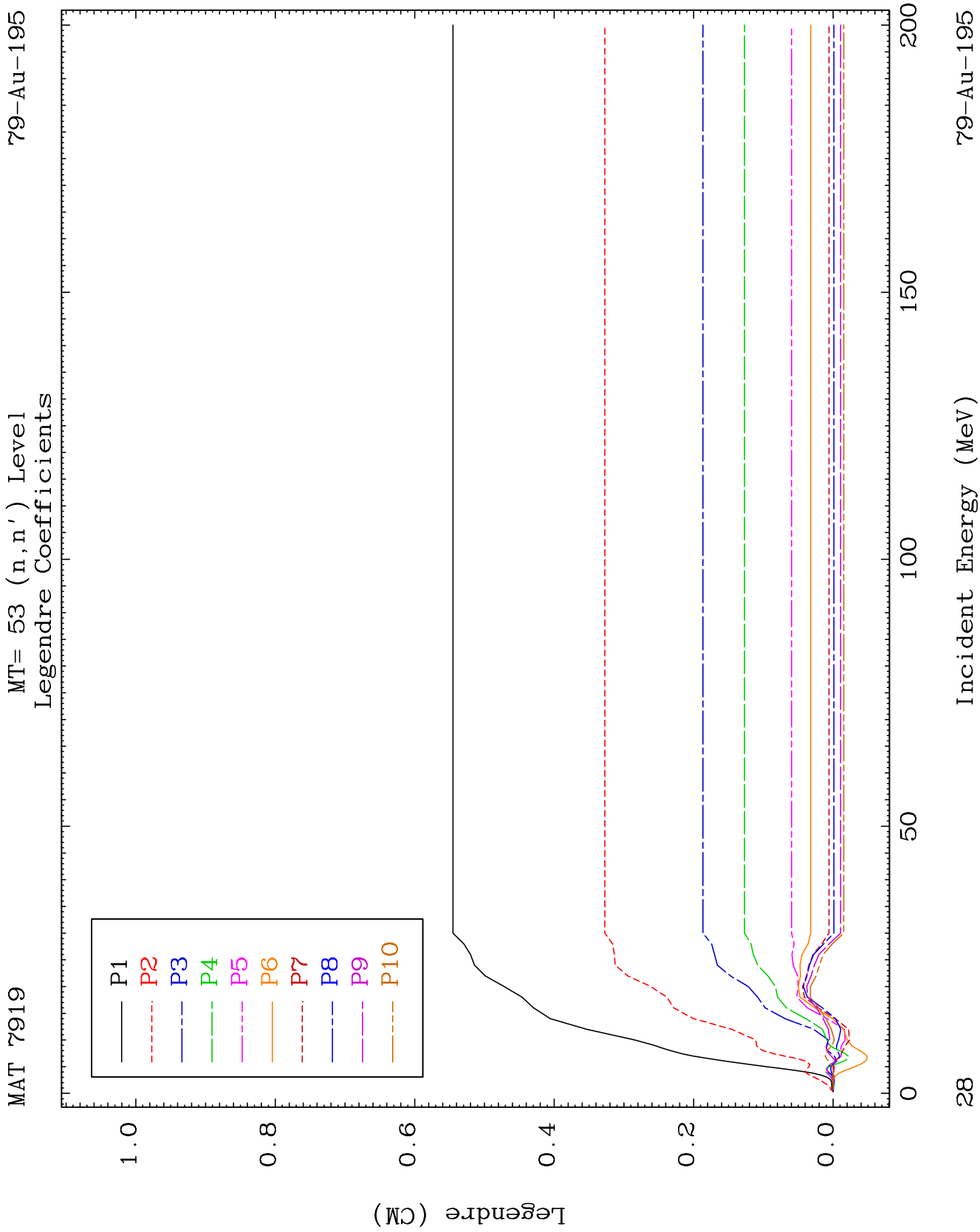
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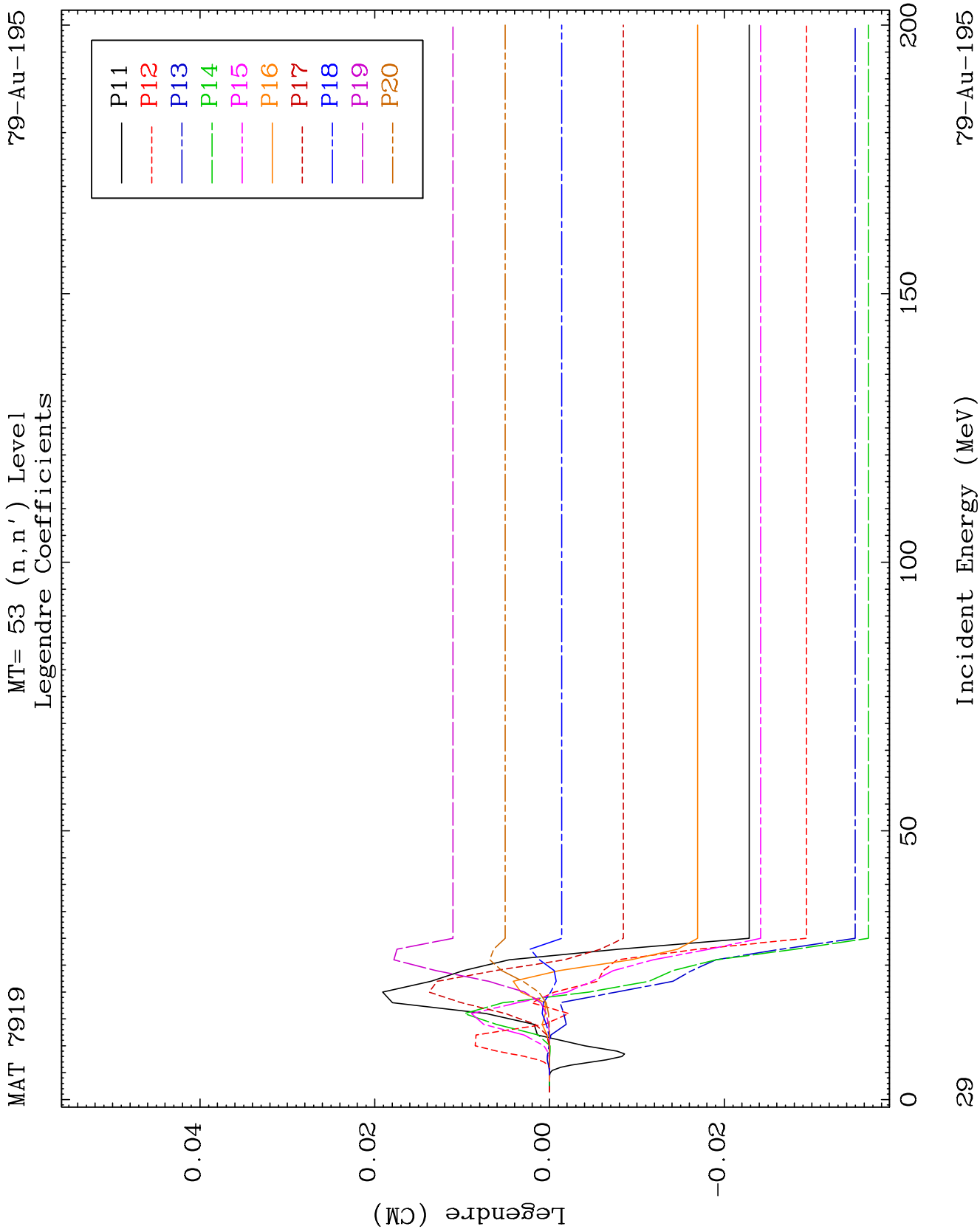
MT= 52 (n, n') Level
Legendre Coefficients

79-Au-195





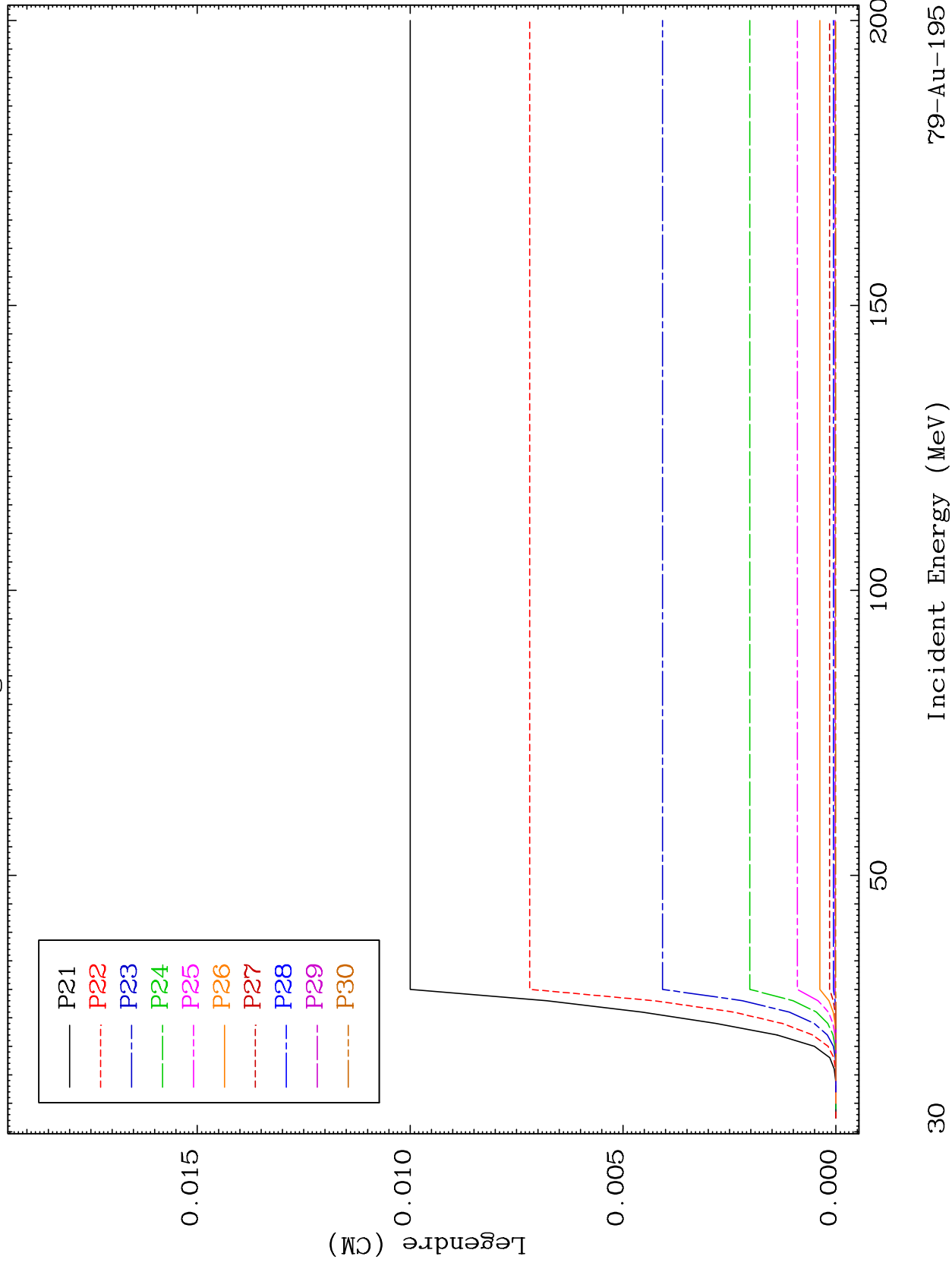


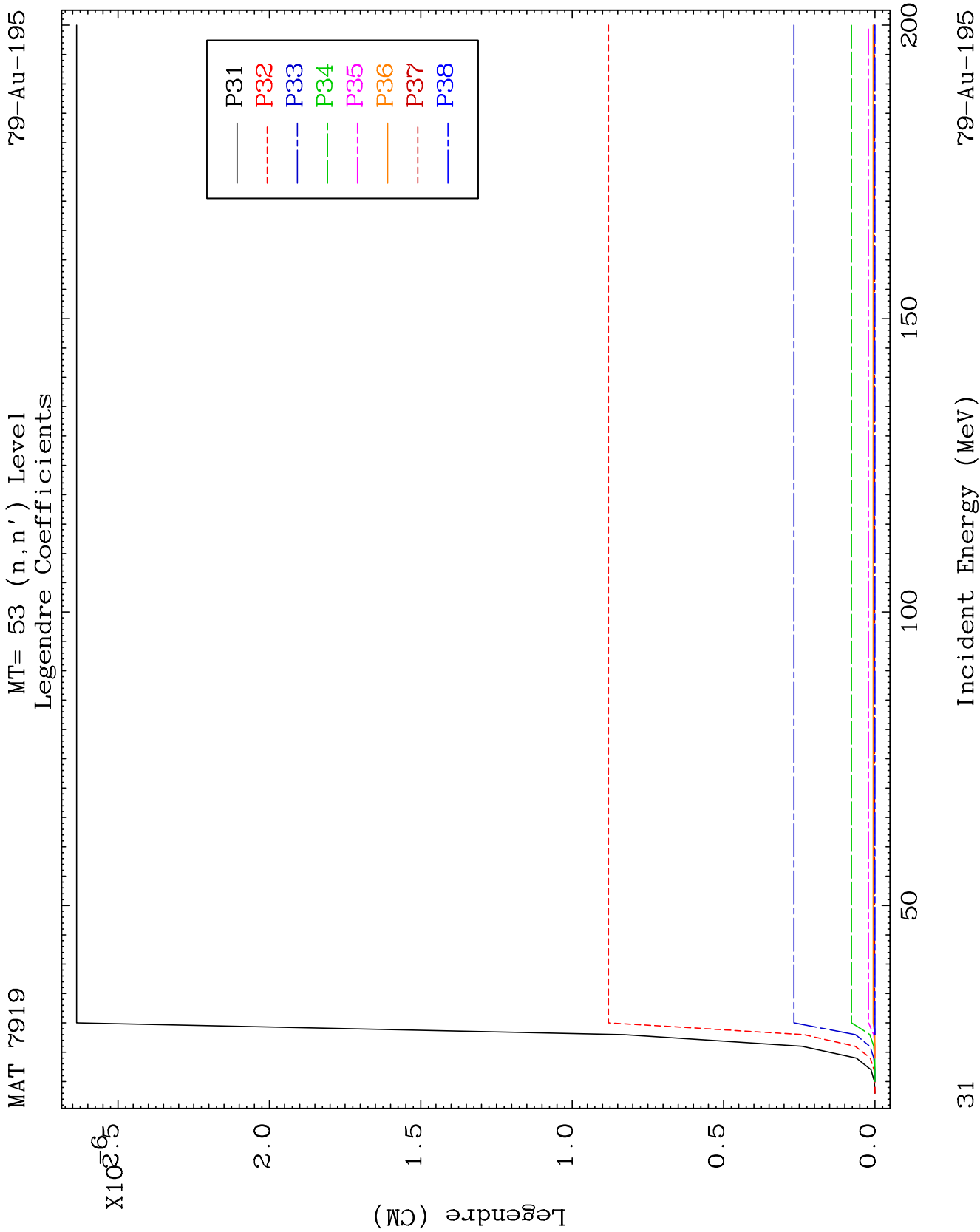


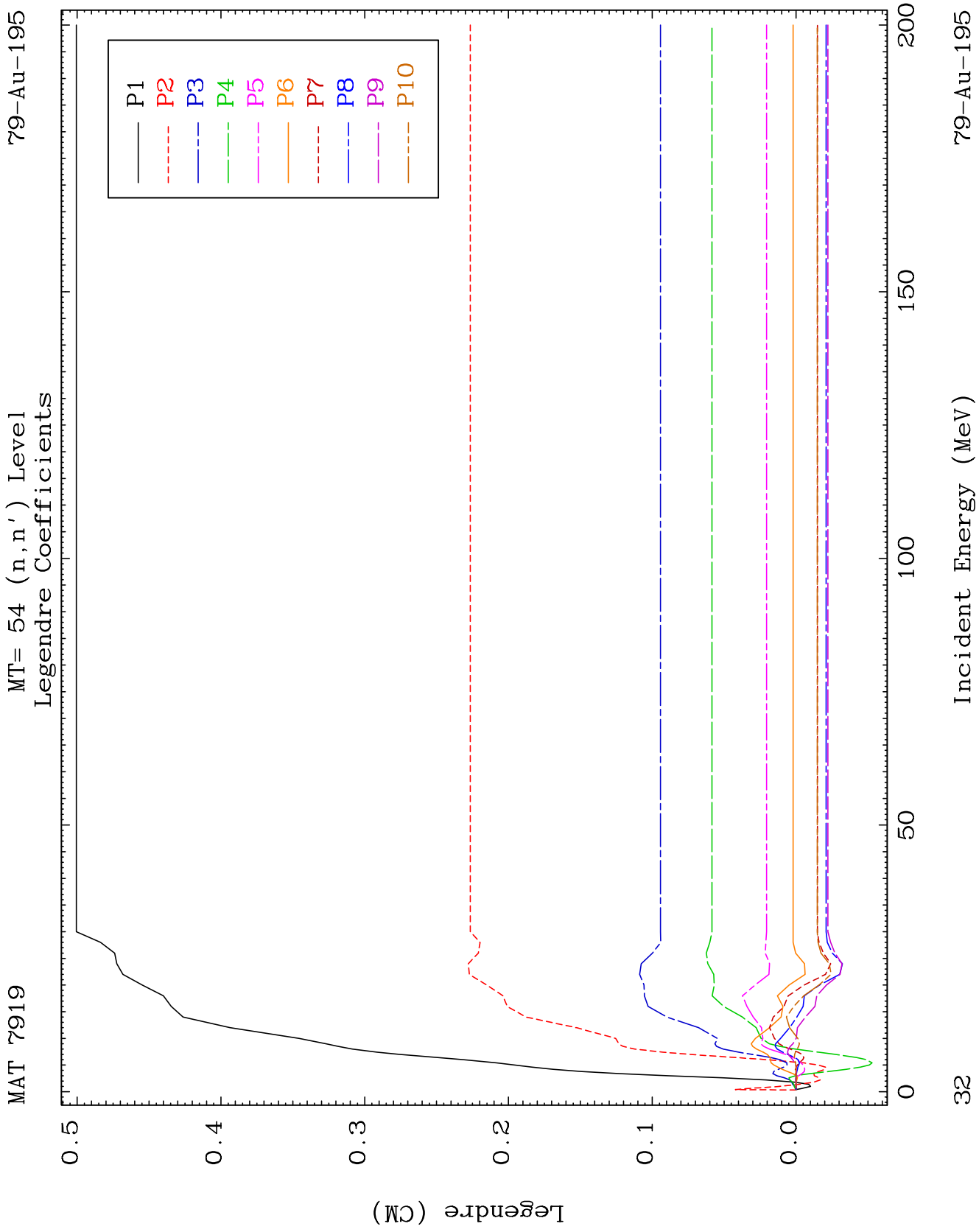
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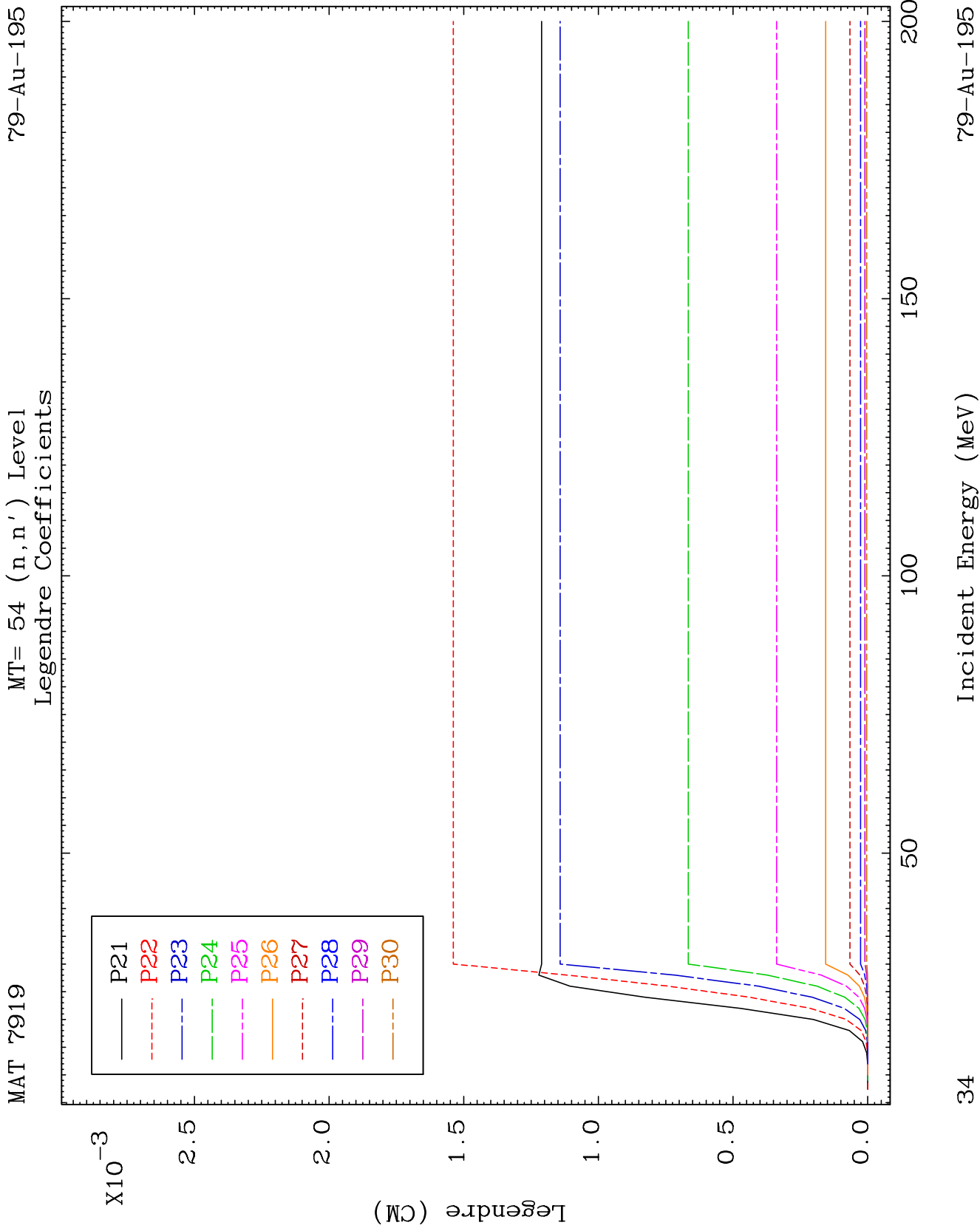
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Legendre Coefficients

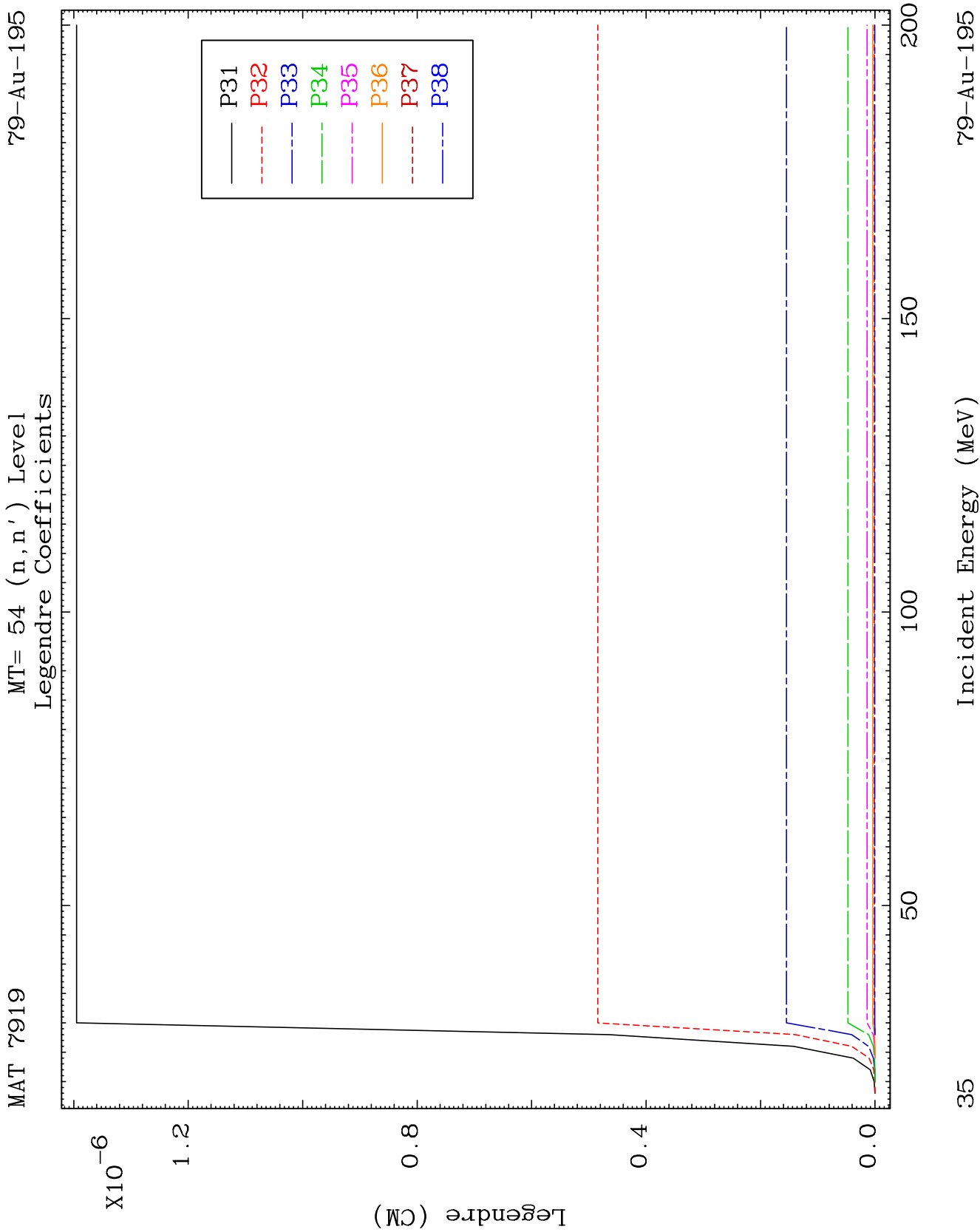
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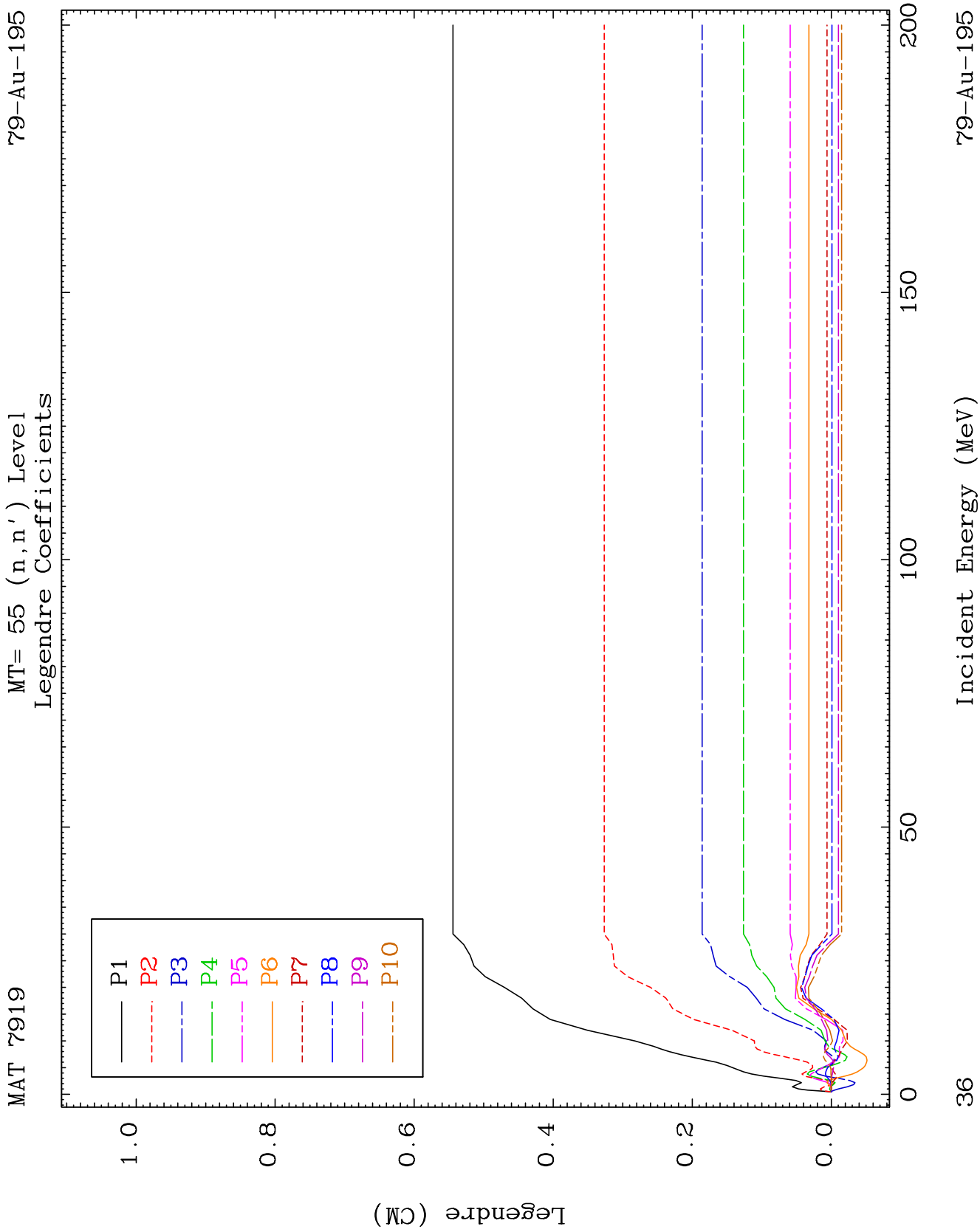


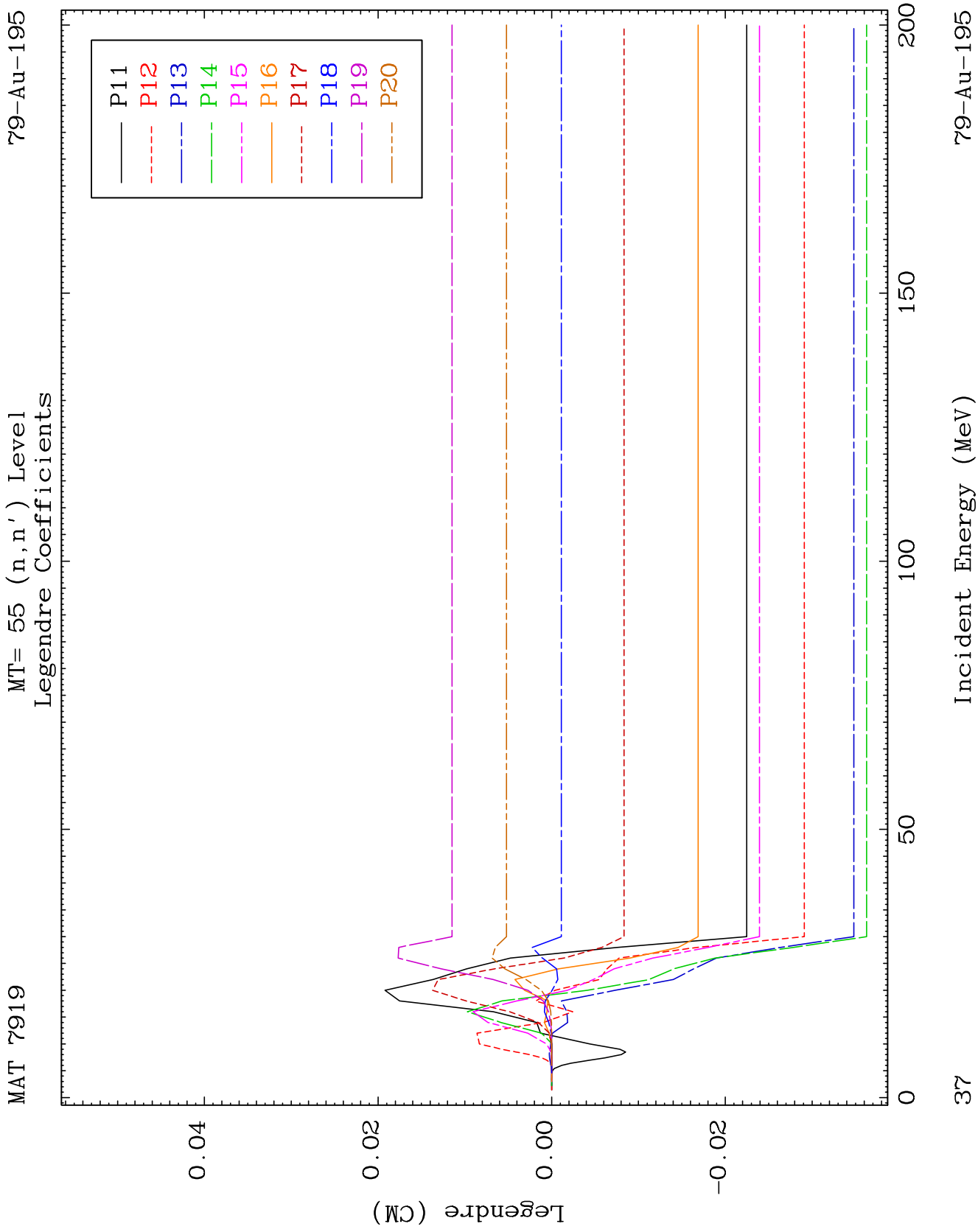


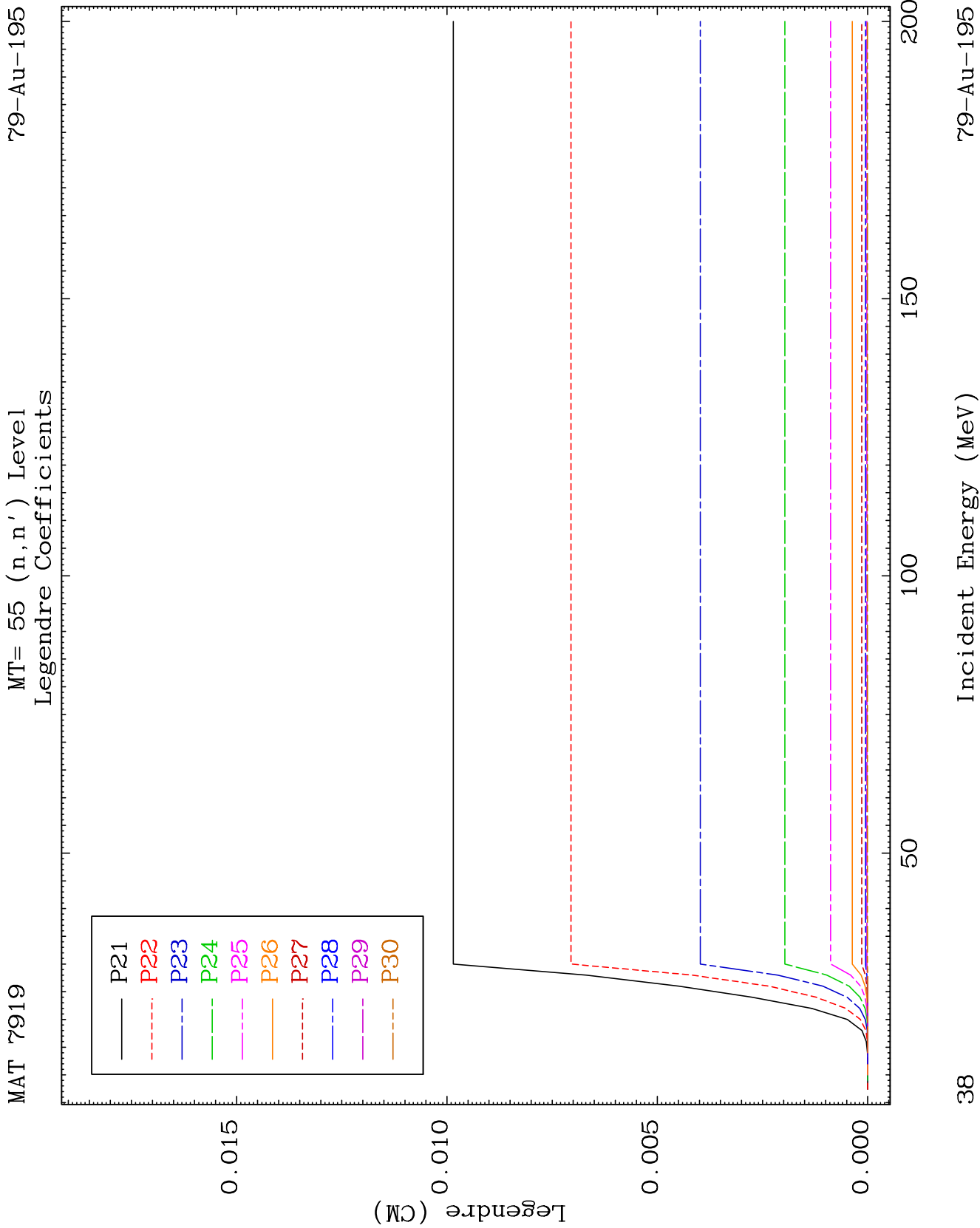


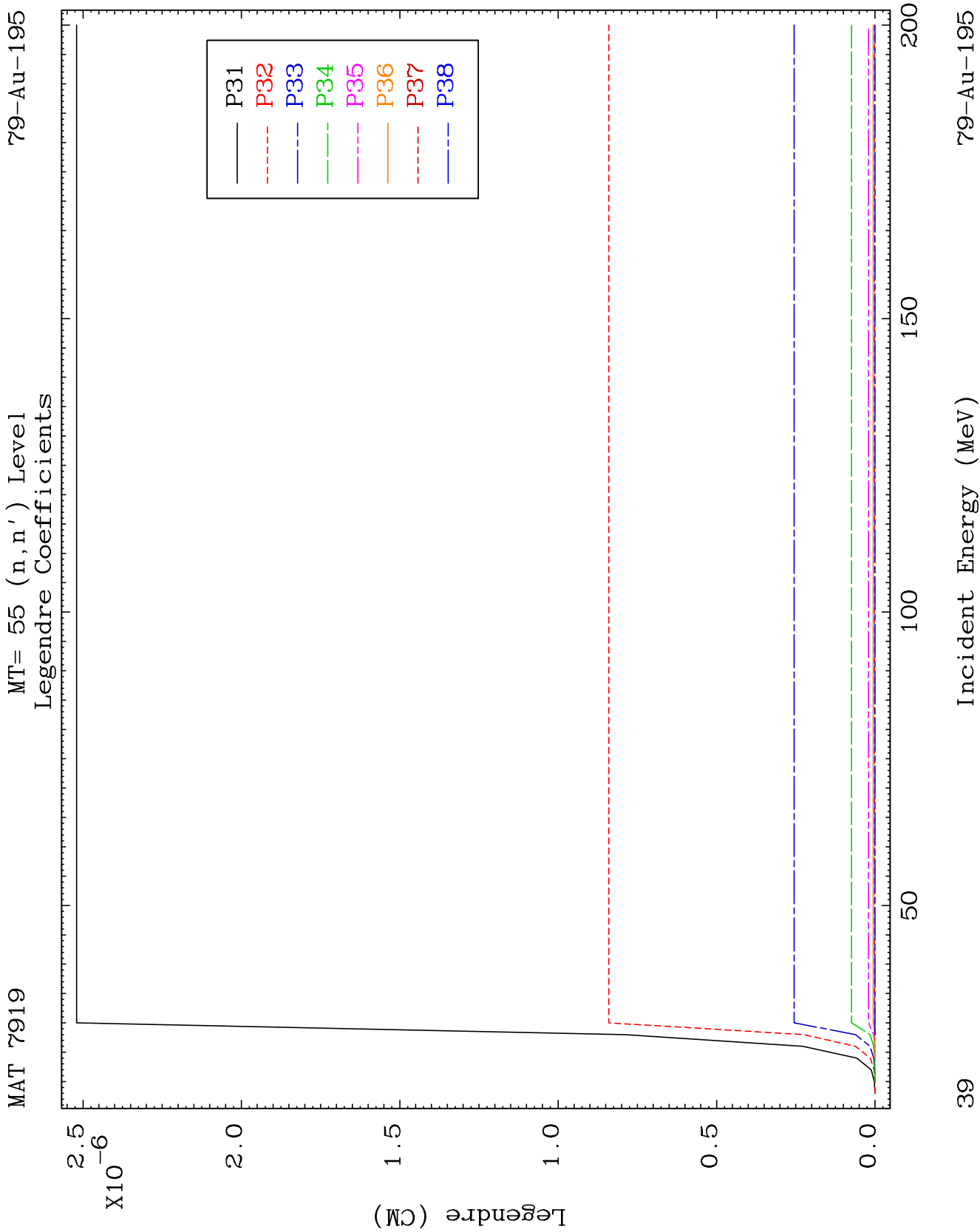








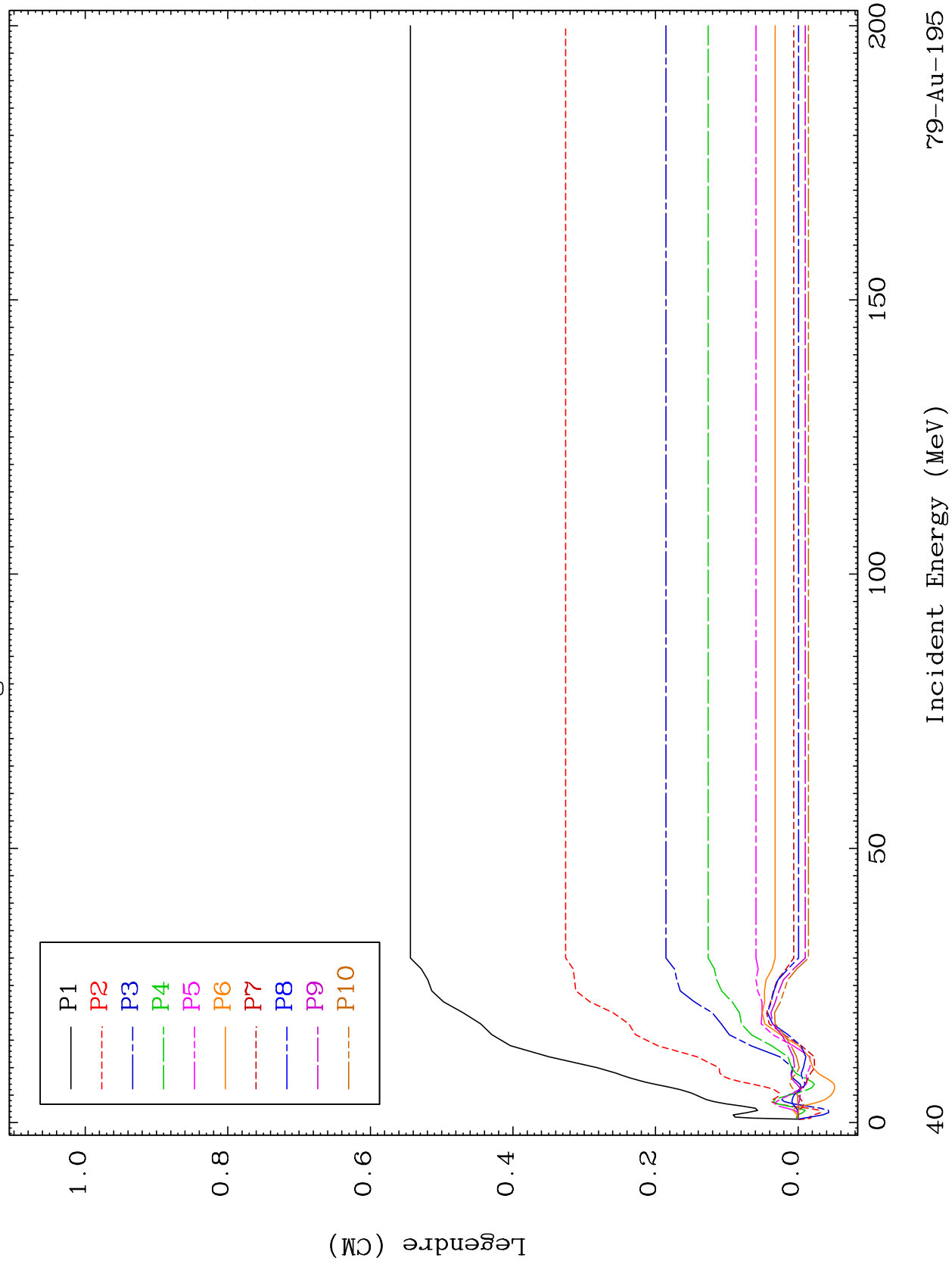




MAT 7919

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

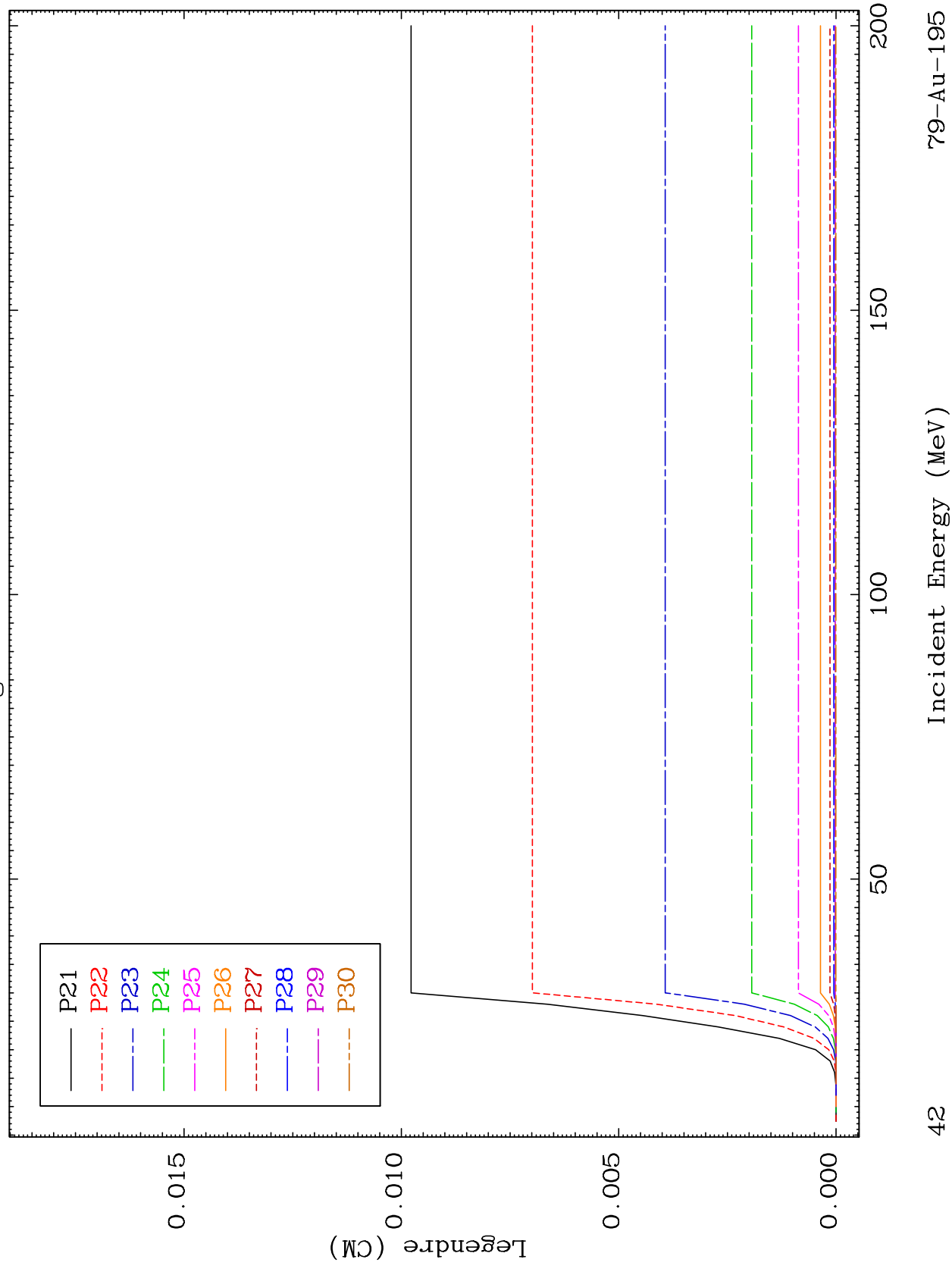
79-Au-195



MAT 7919

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

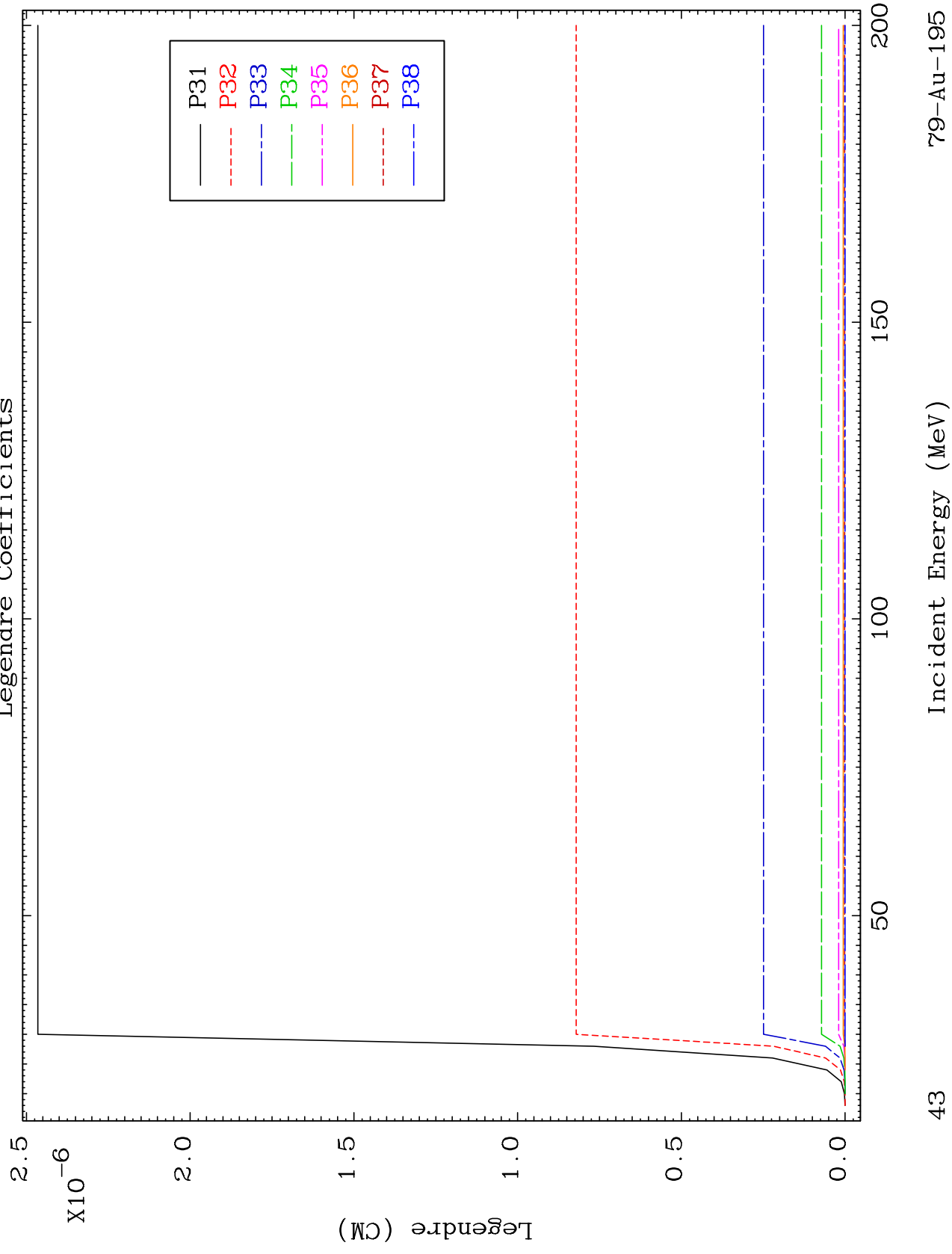
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MAT 7919

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

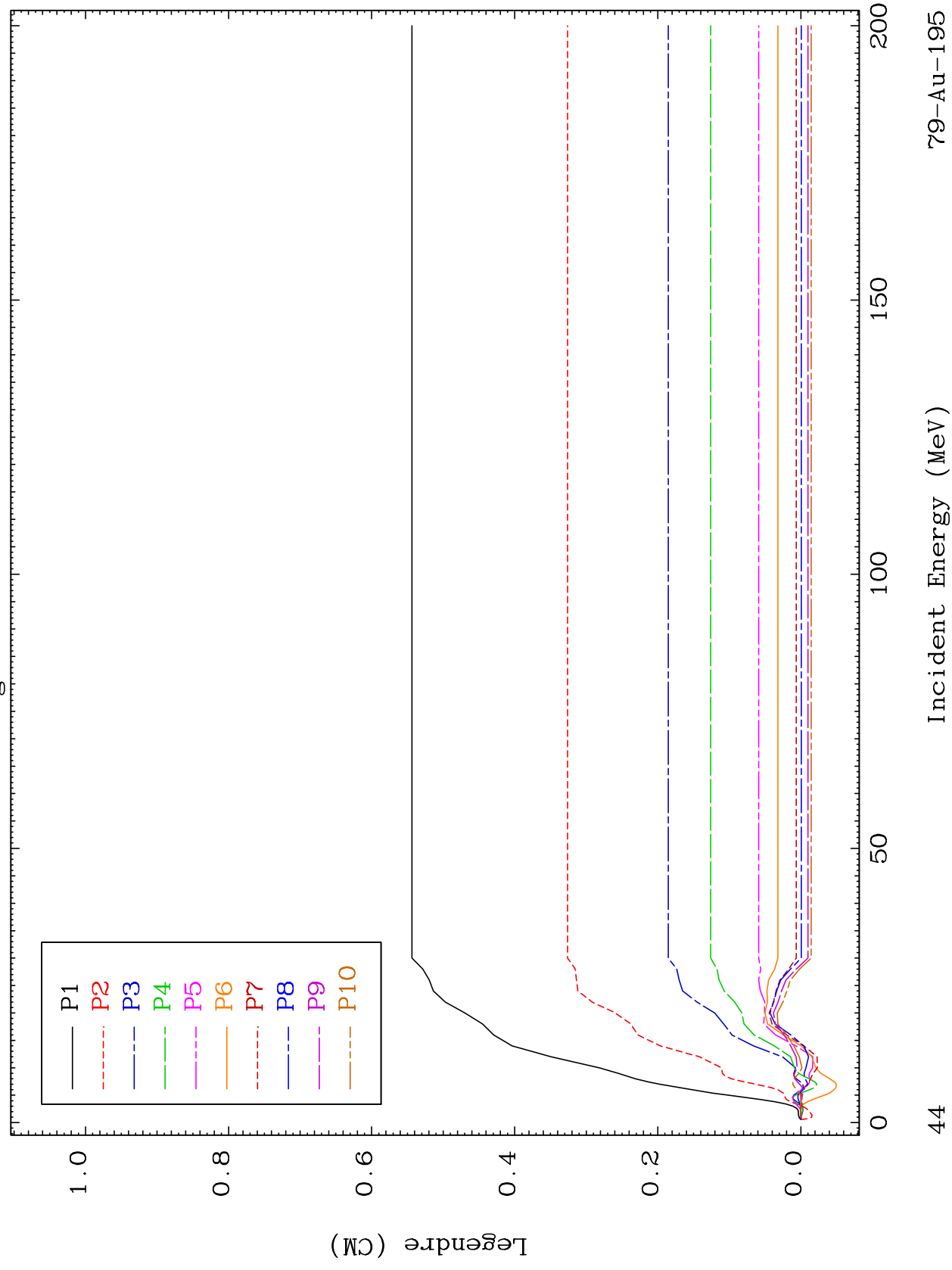
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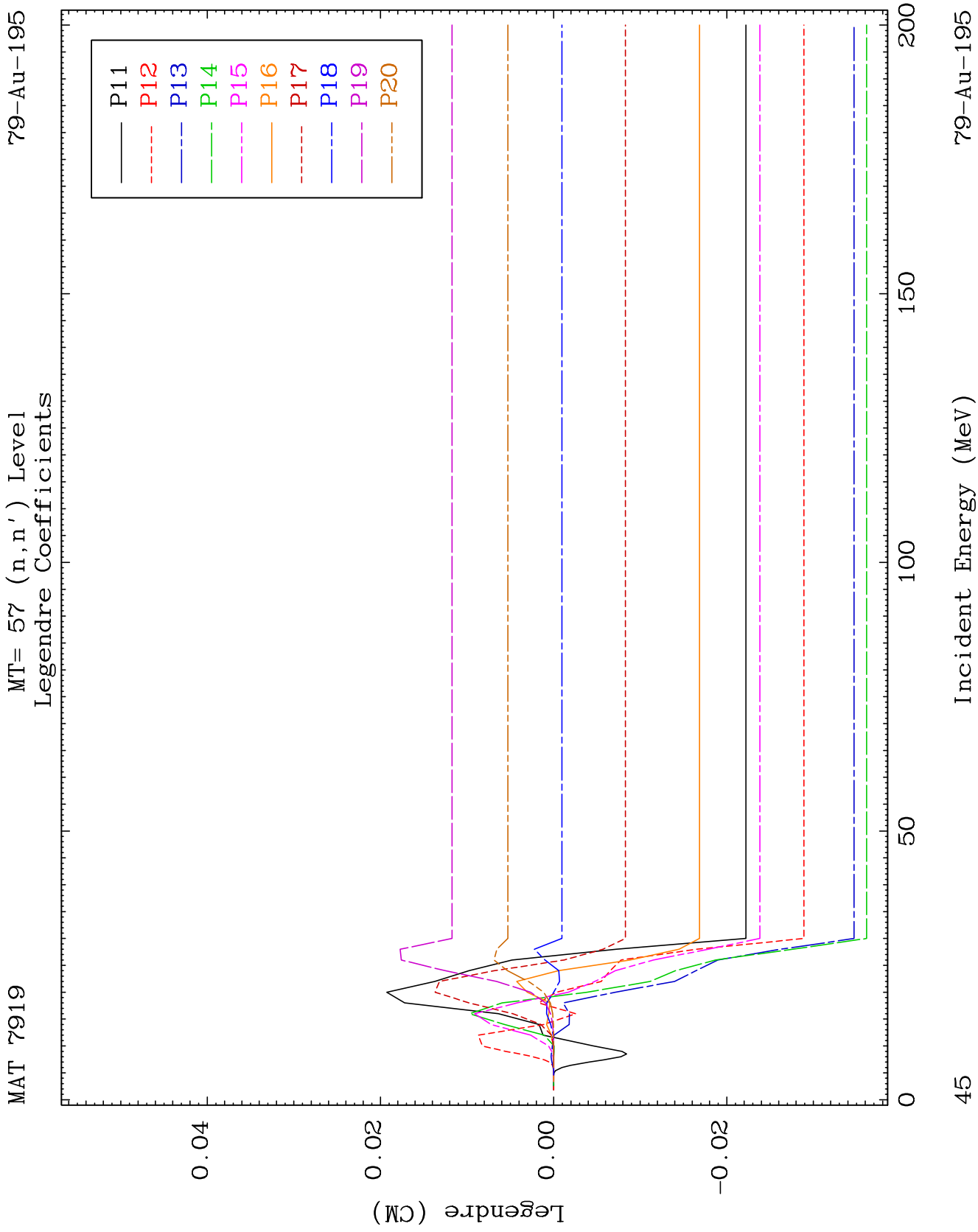


MAT 7919

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

79-Au-195

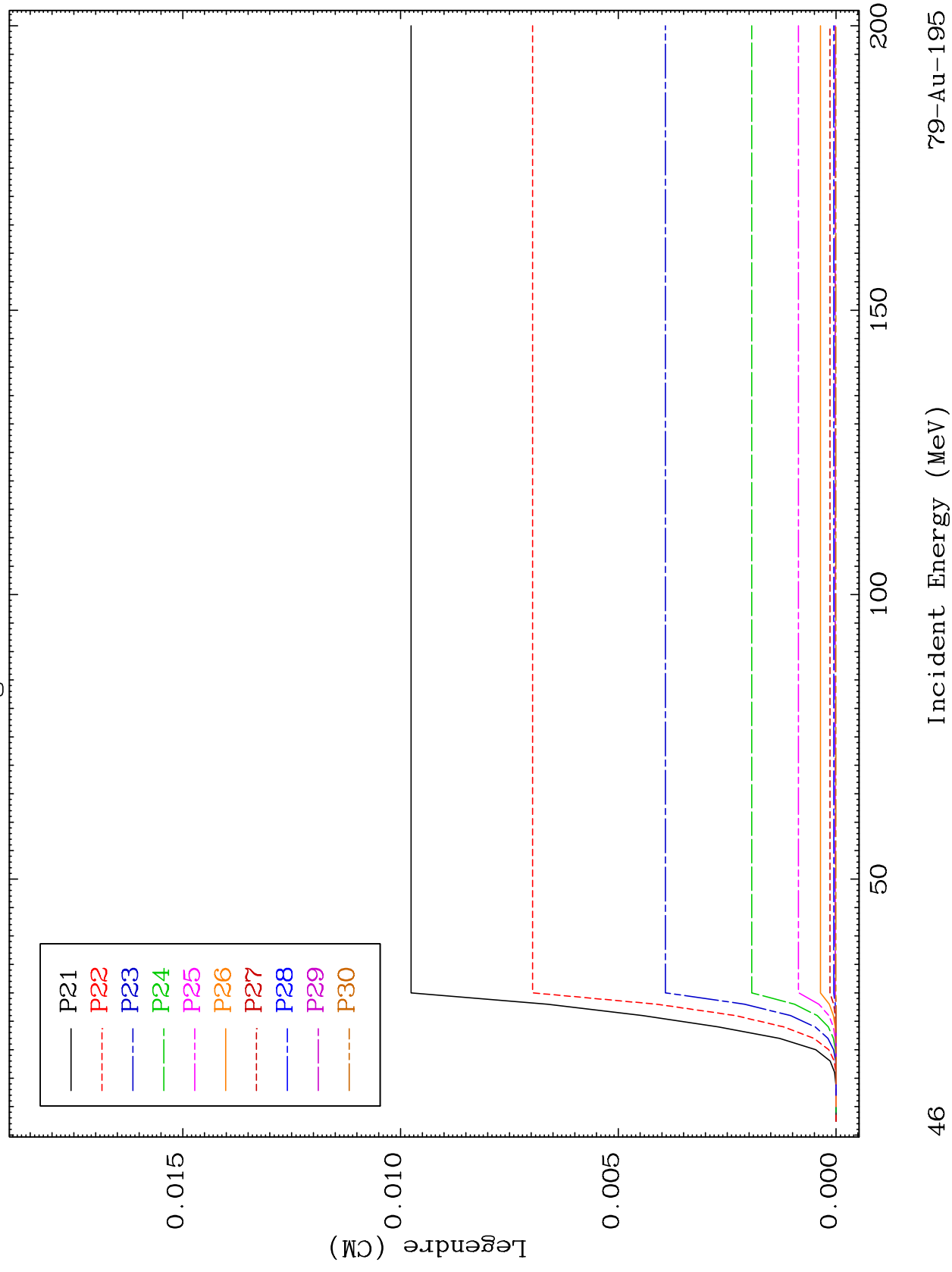


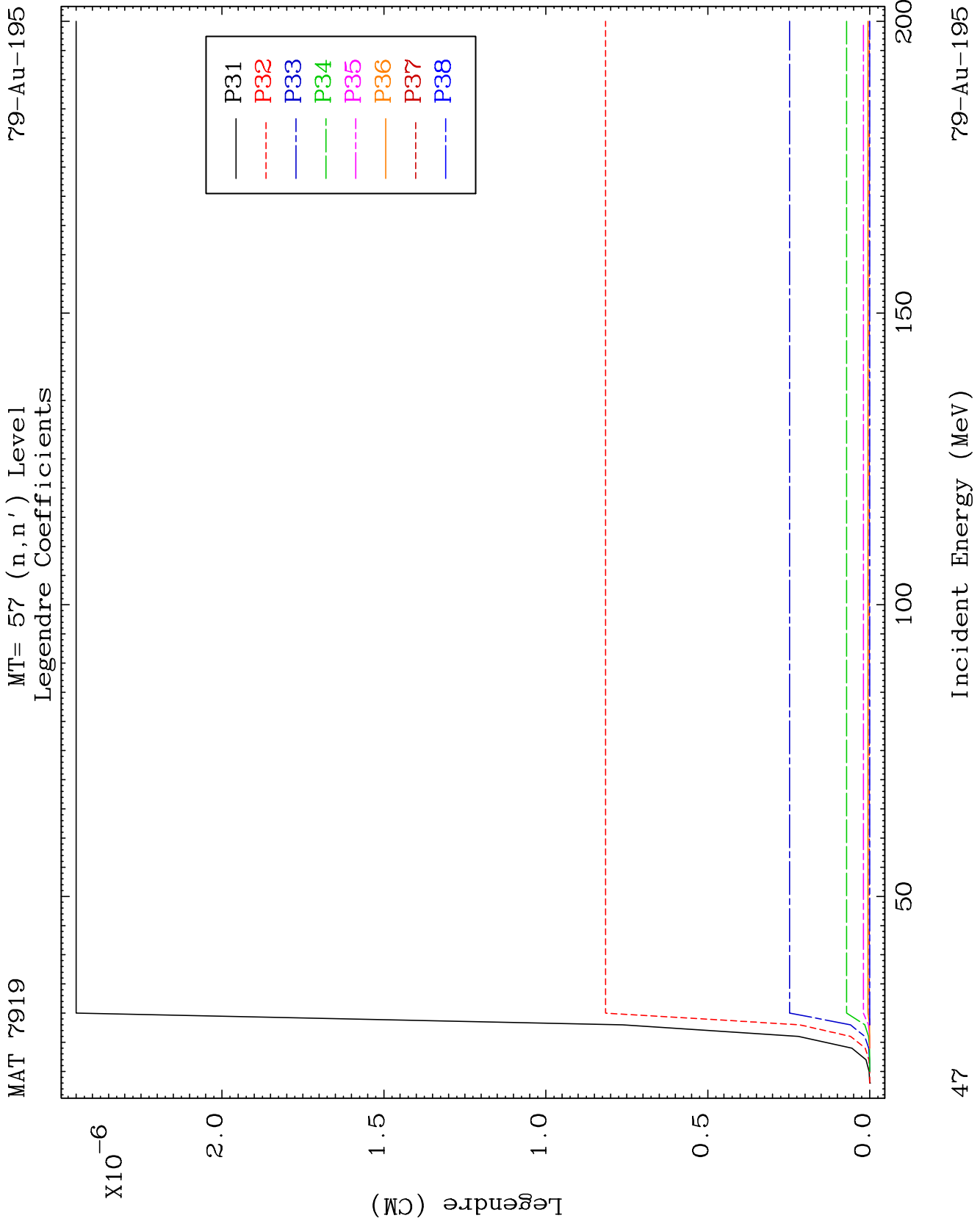


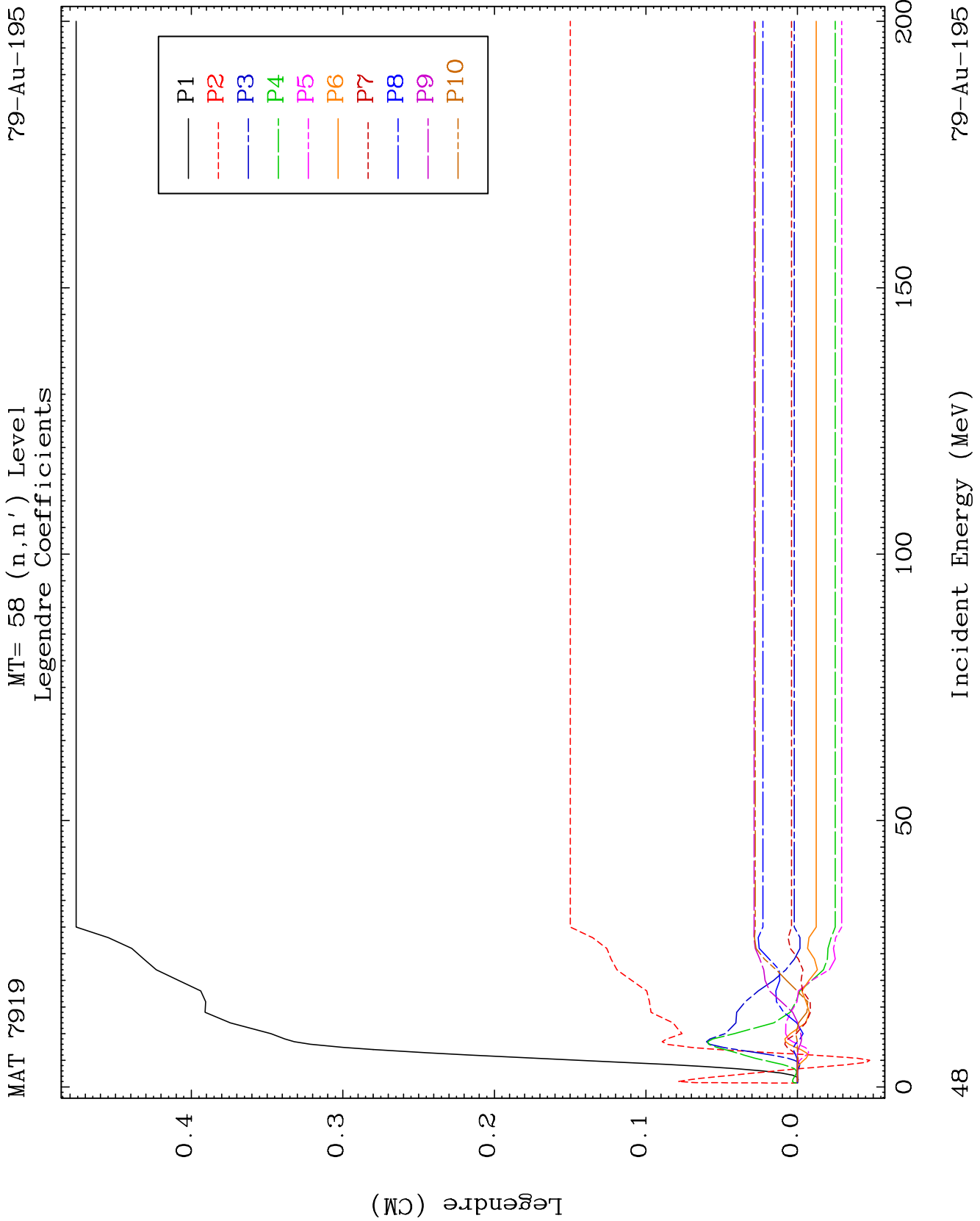
MAT 7919

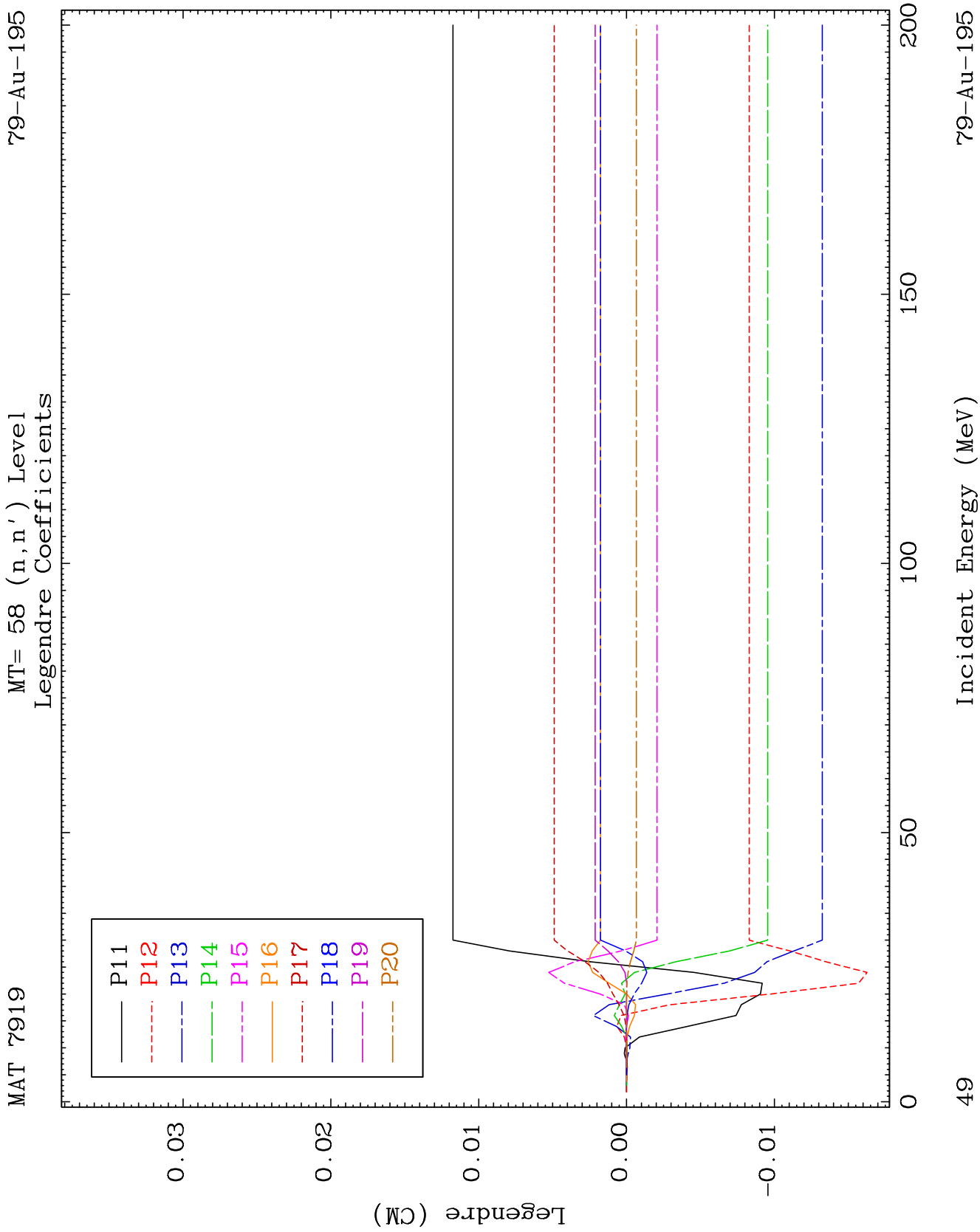
MT= 57 (n, n') Level
Legendre Coefficients

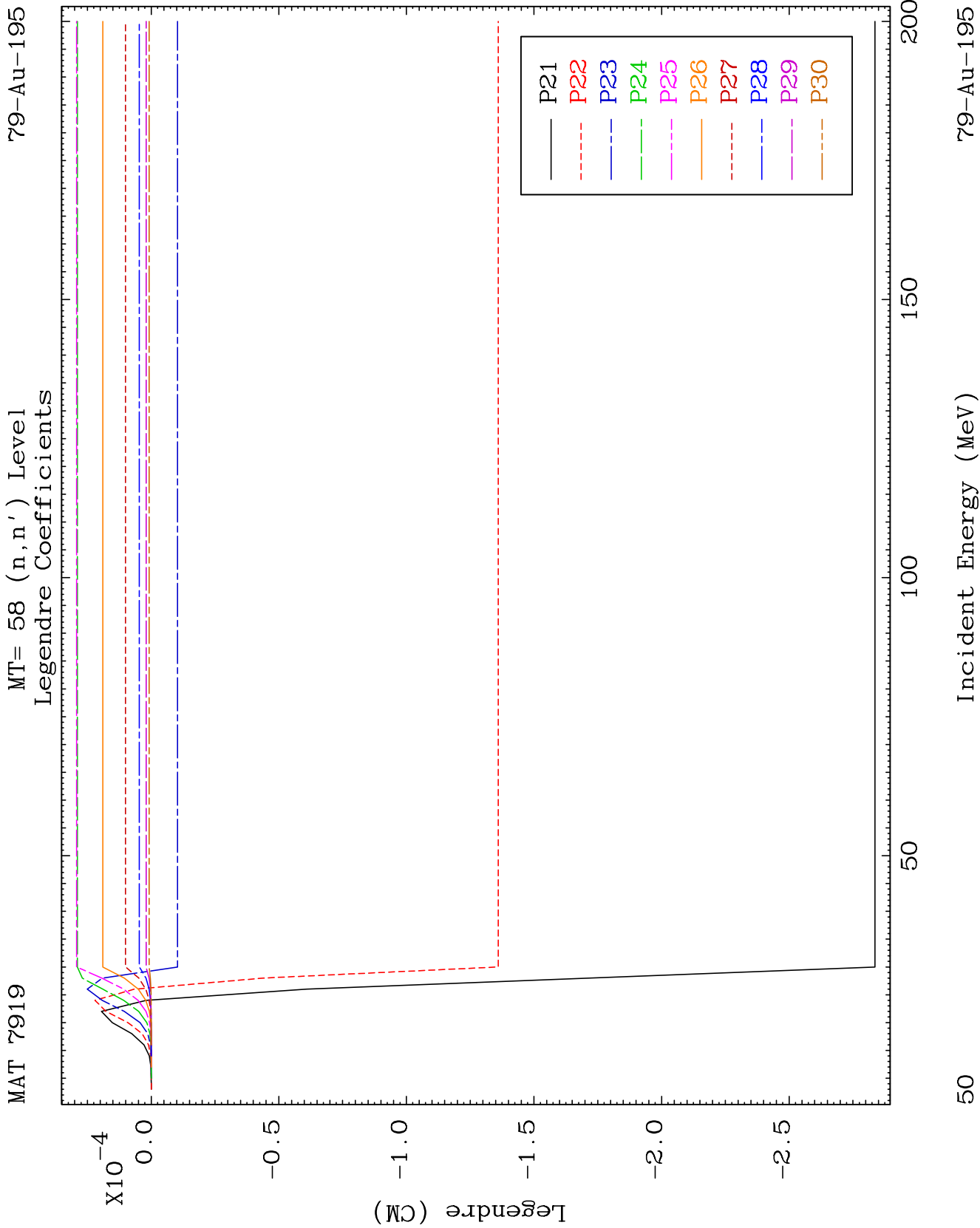
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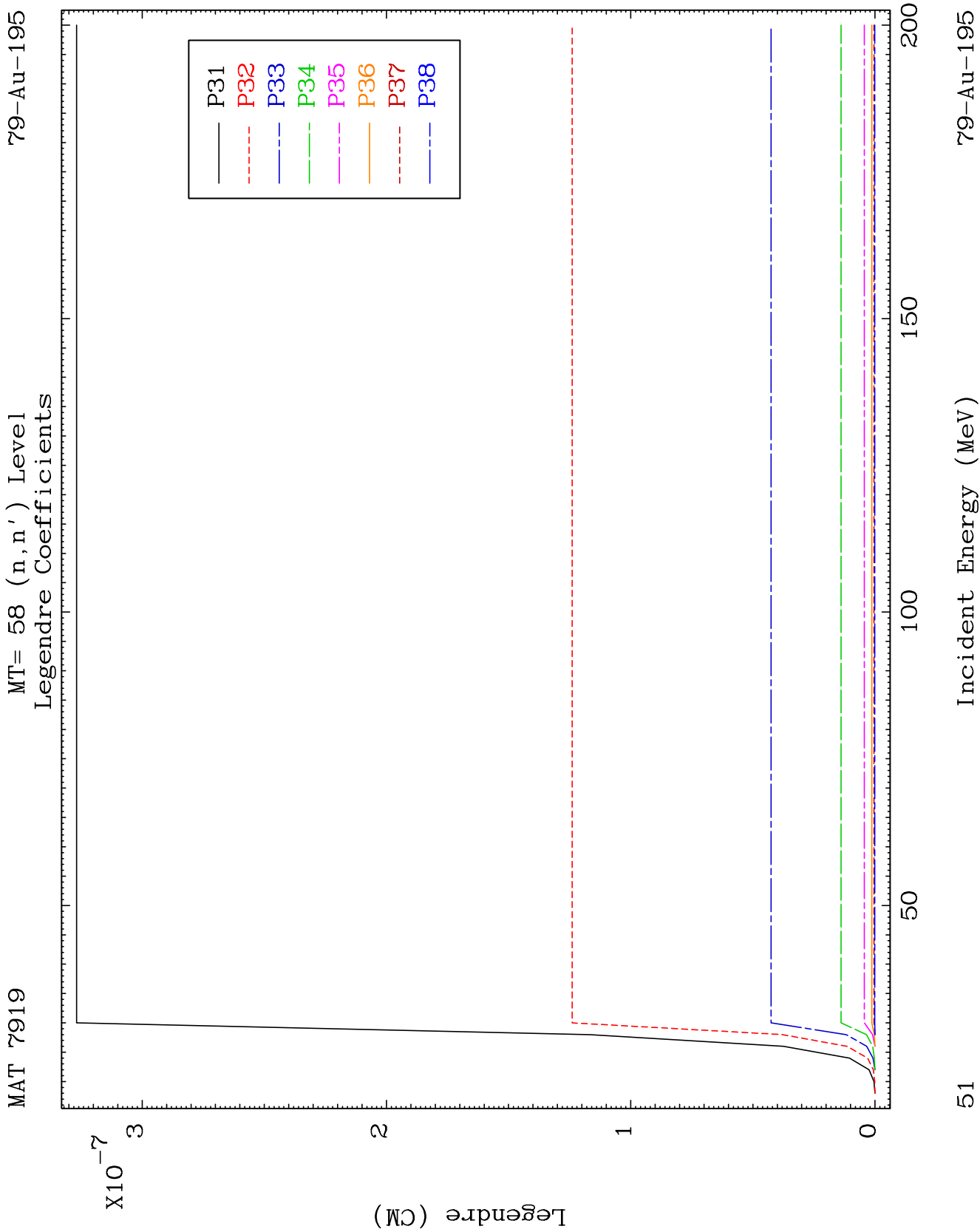








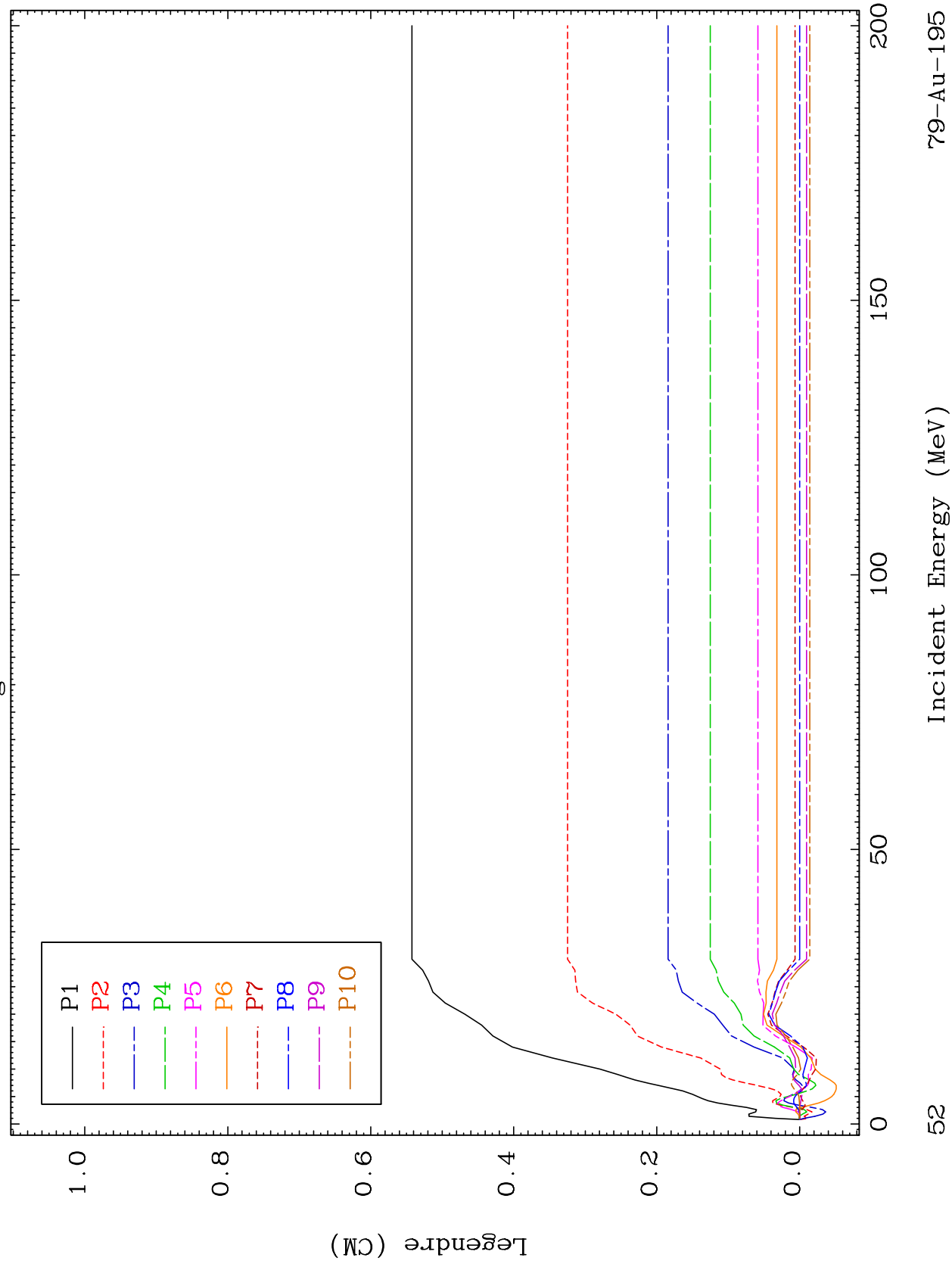


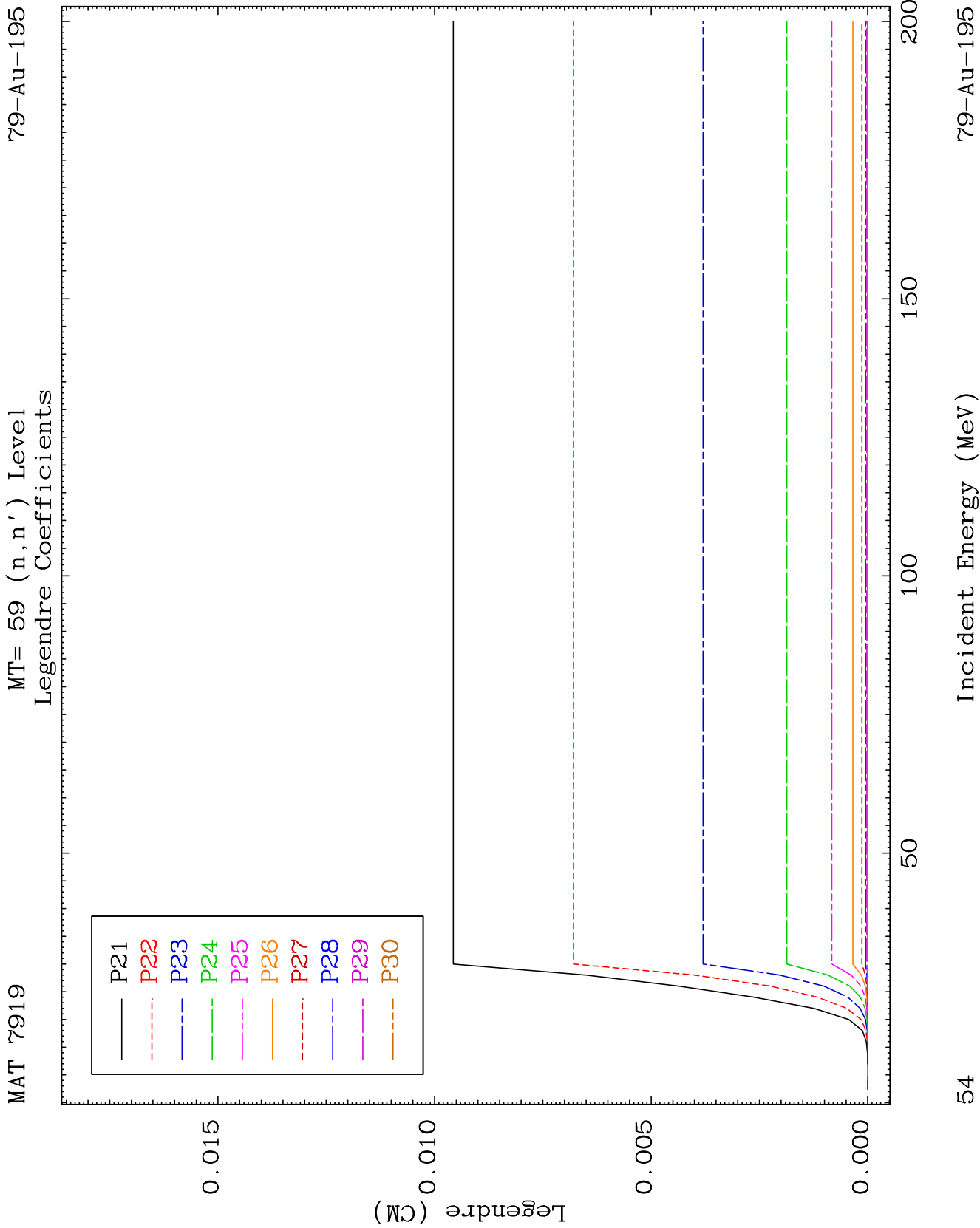


MAT 7919

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

79-Au-195

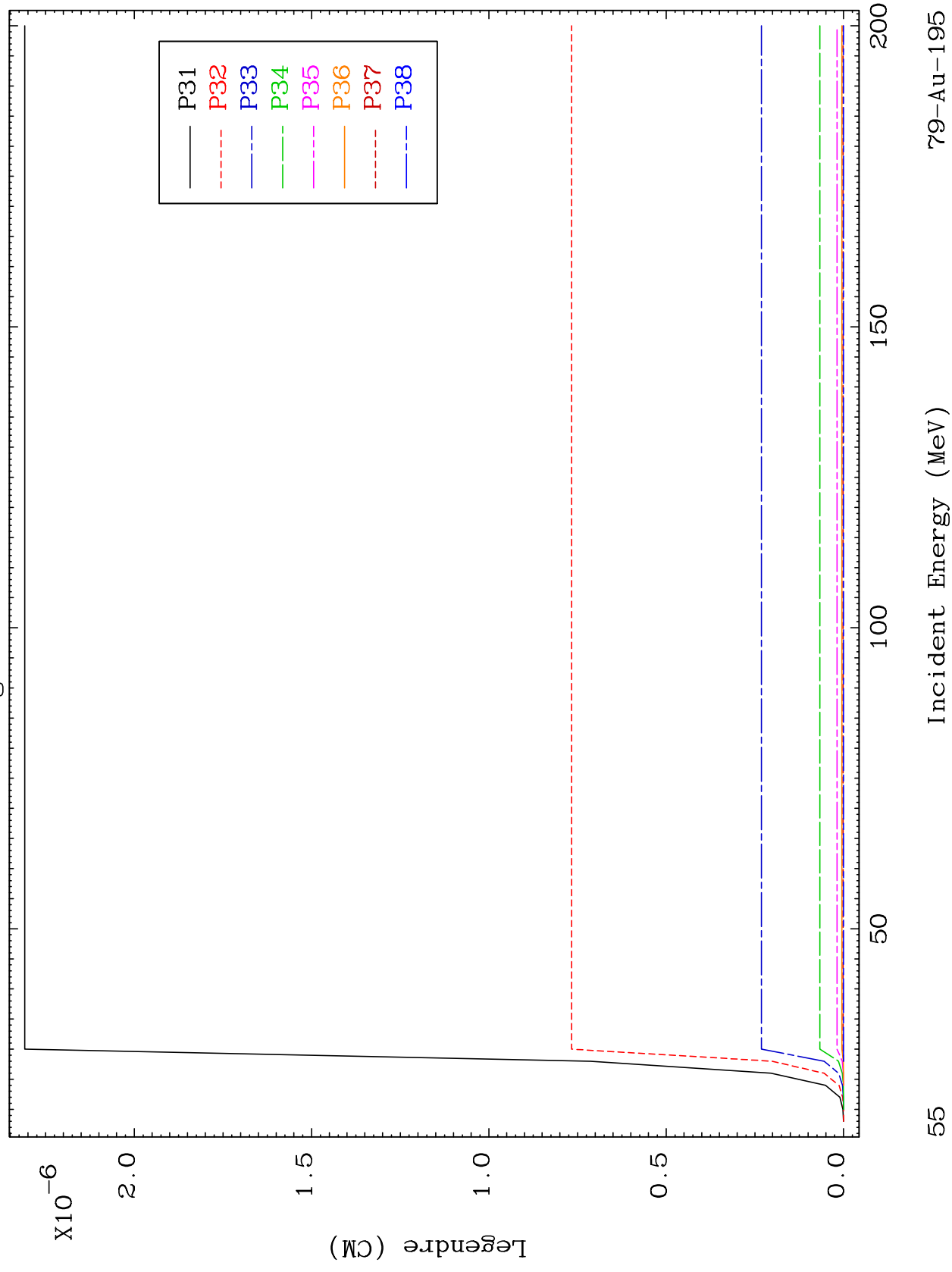




MAT 7919

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

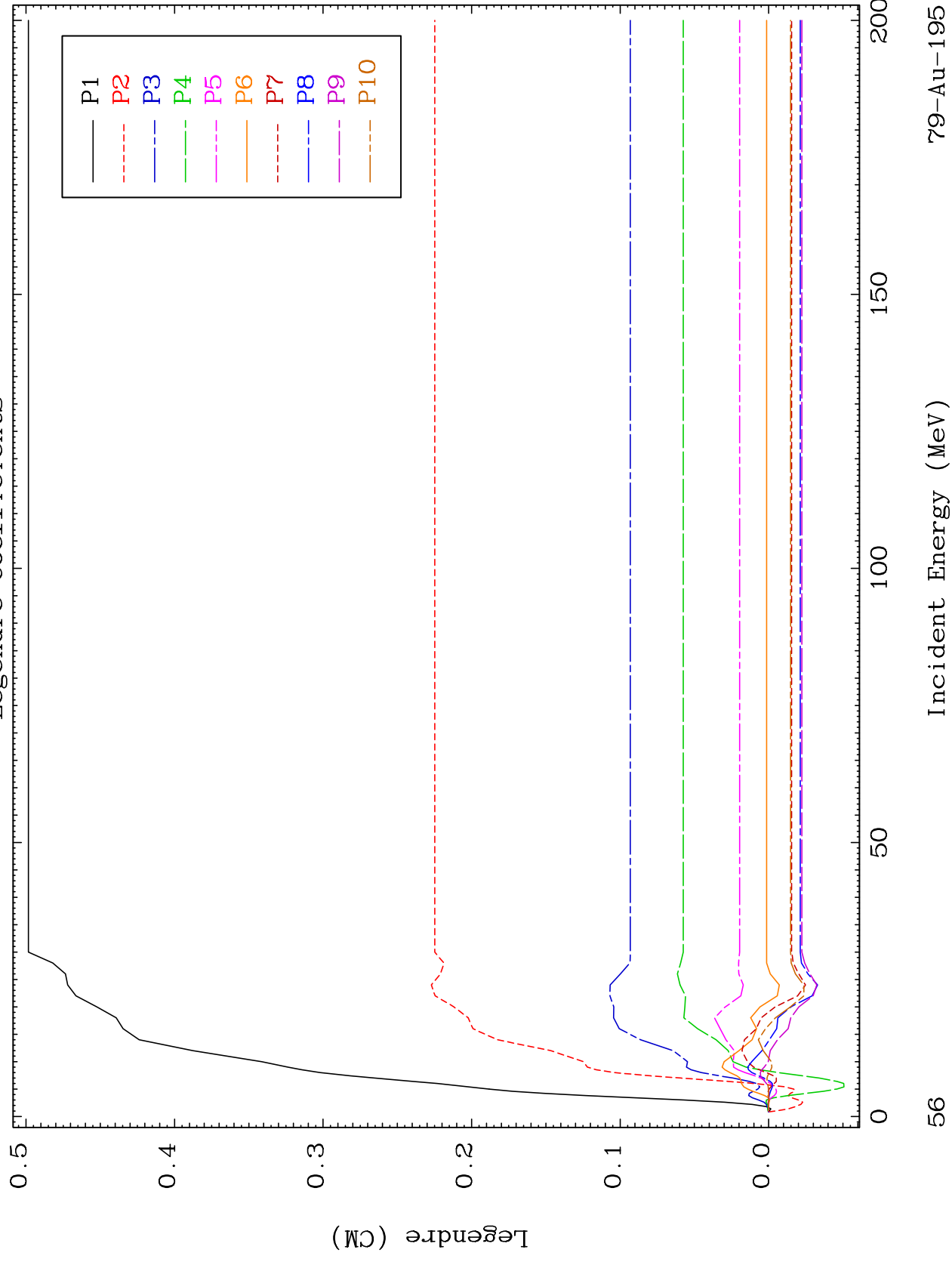
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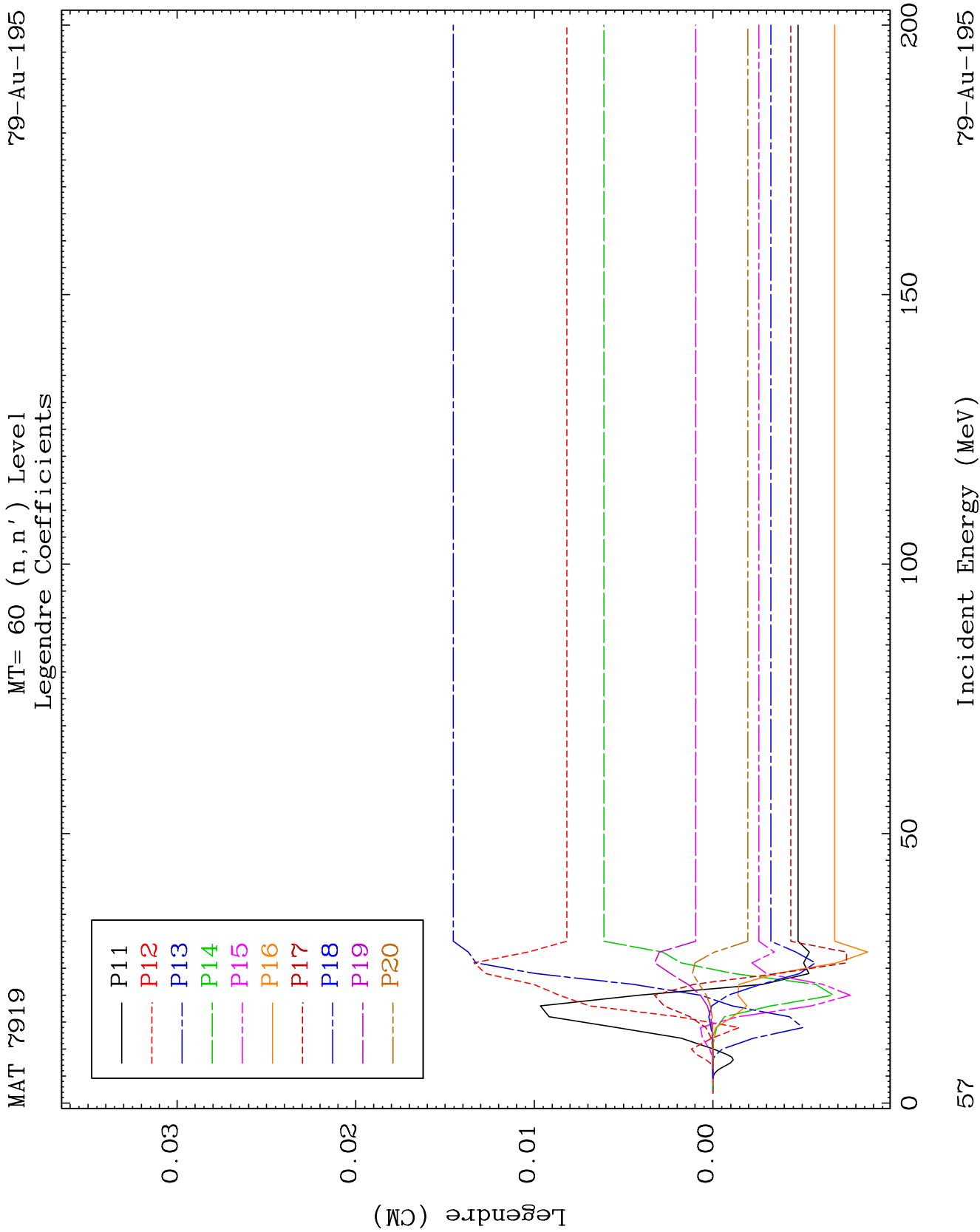


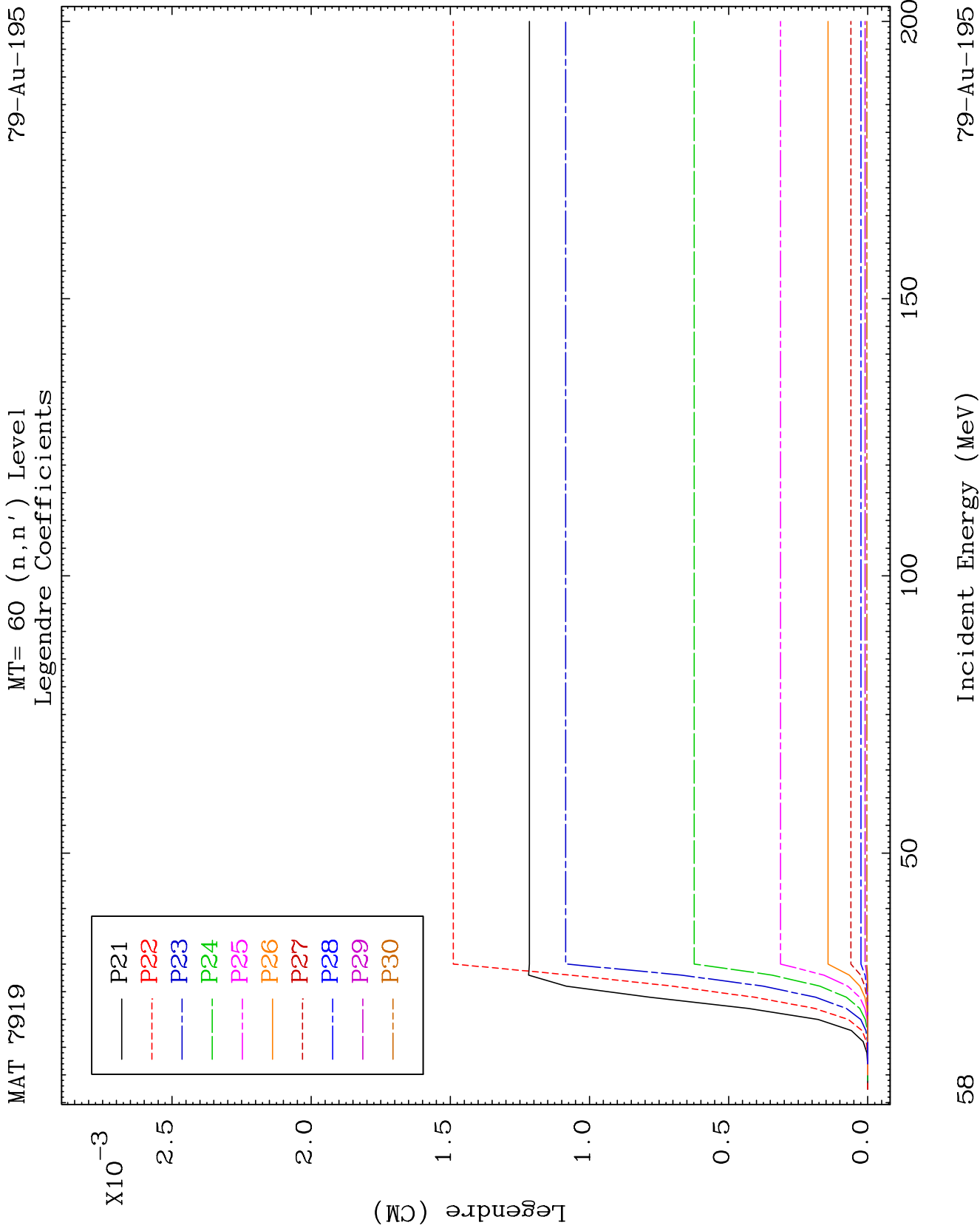
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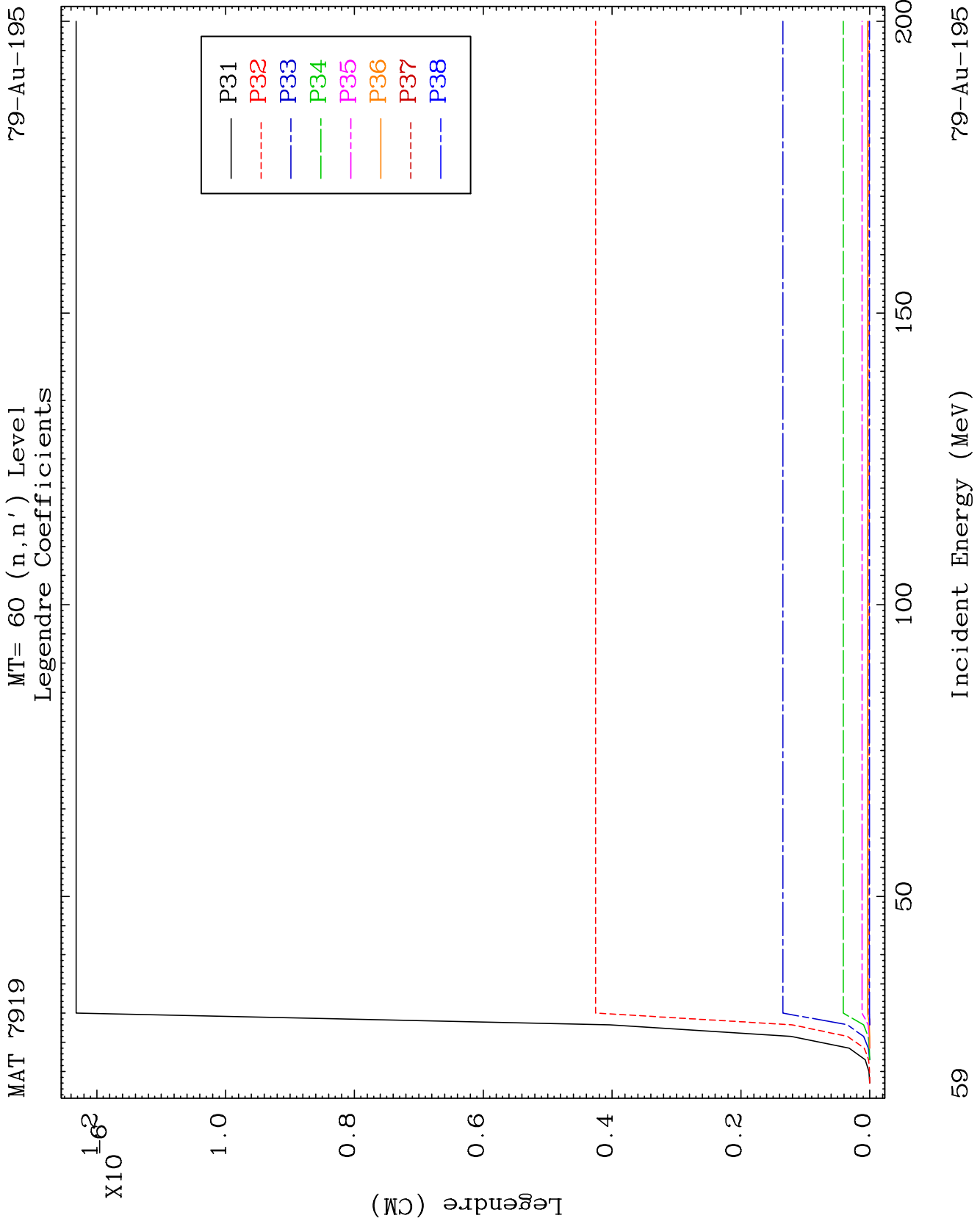
MT= 60 (n, n') Level
Legendre Coefficients

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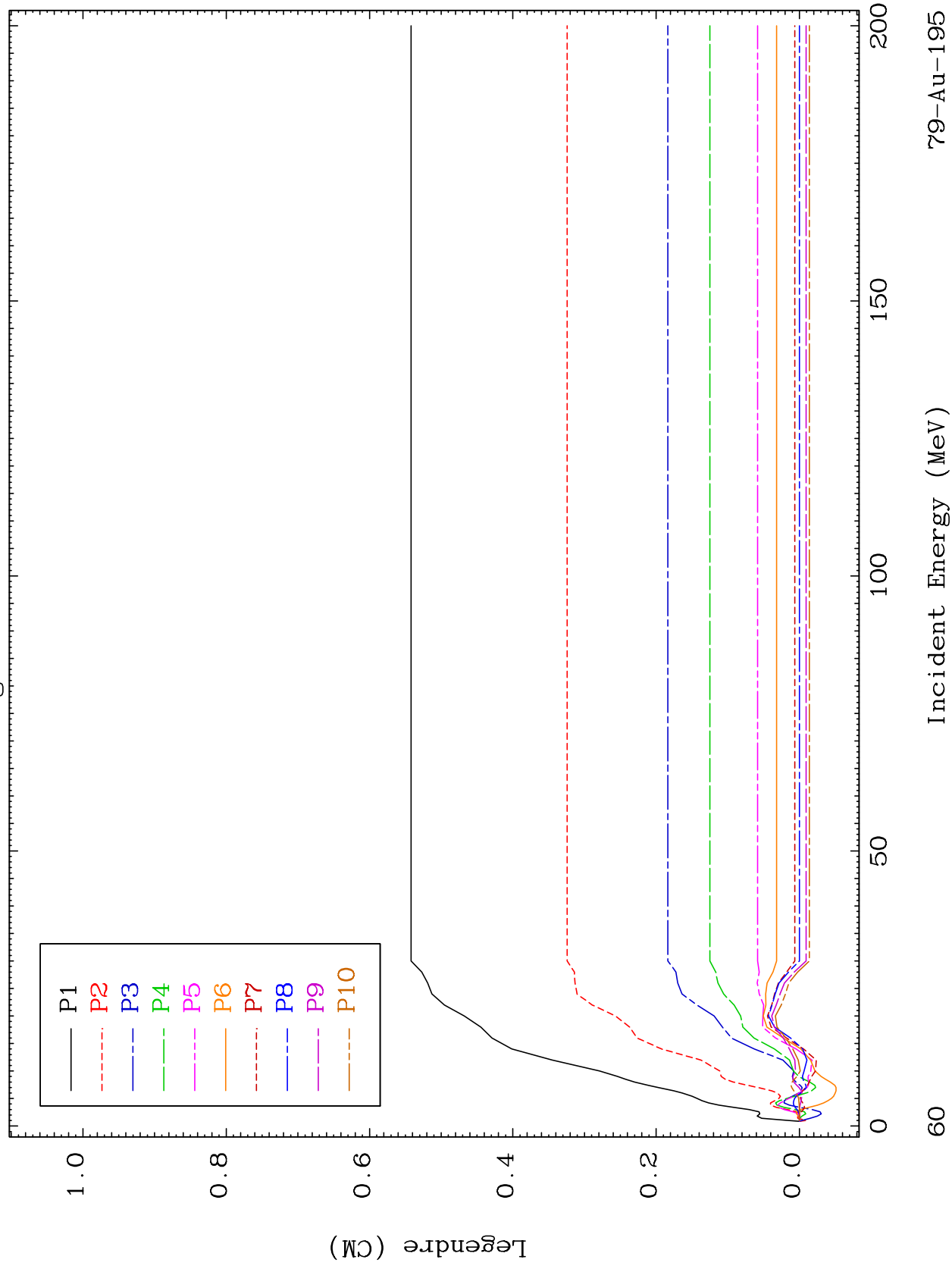


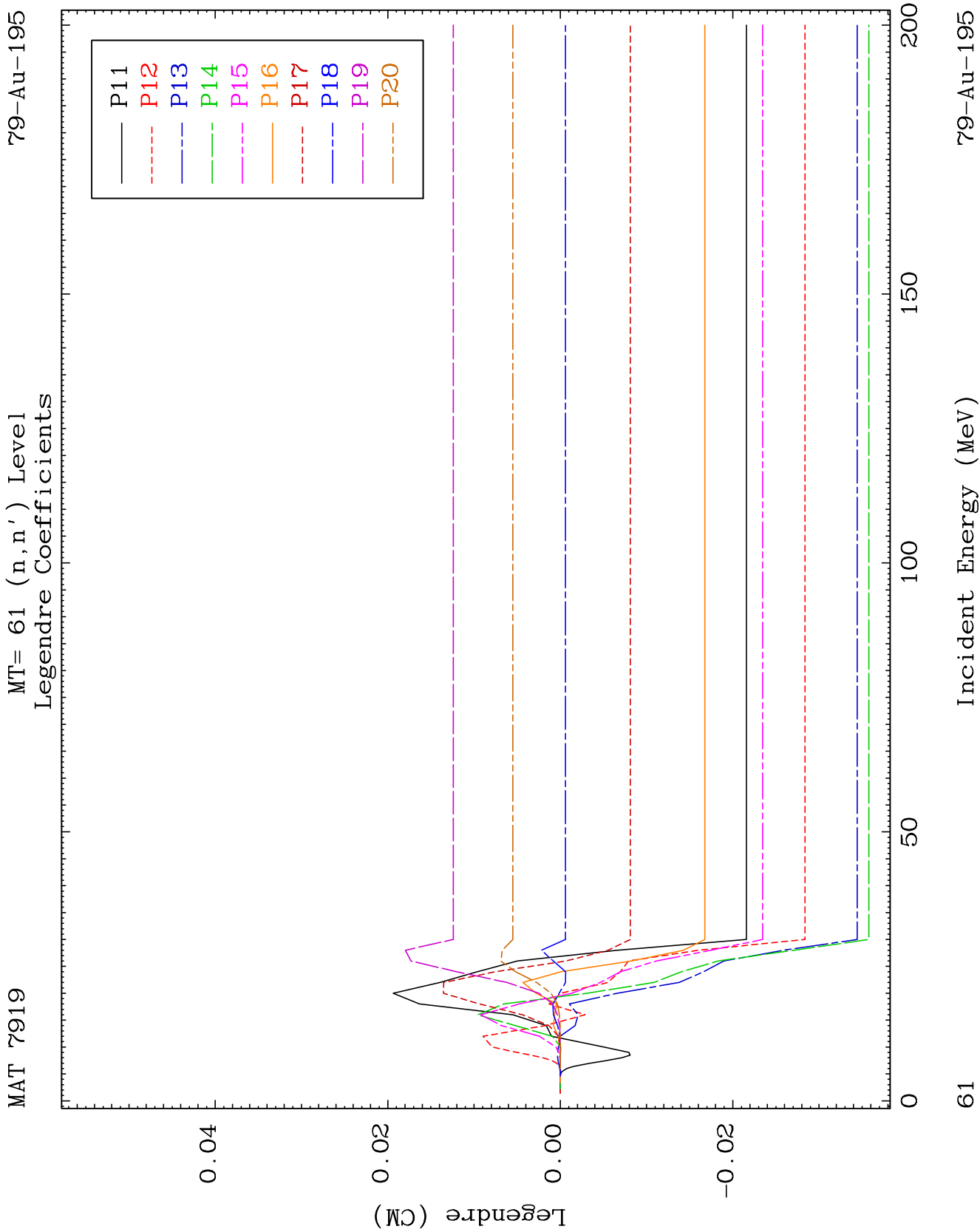


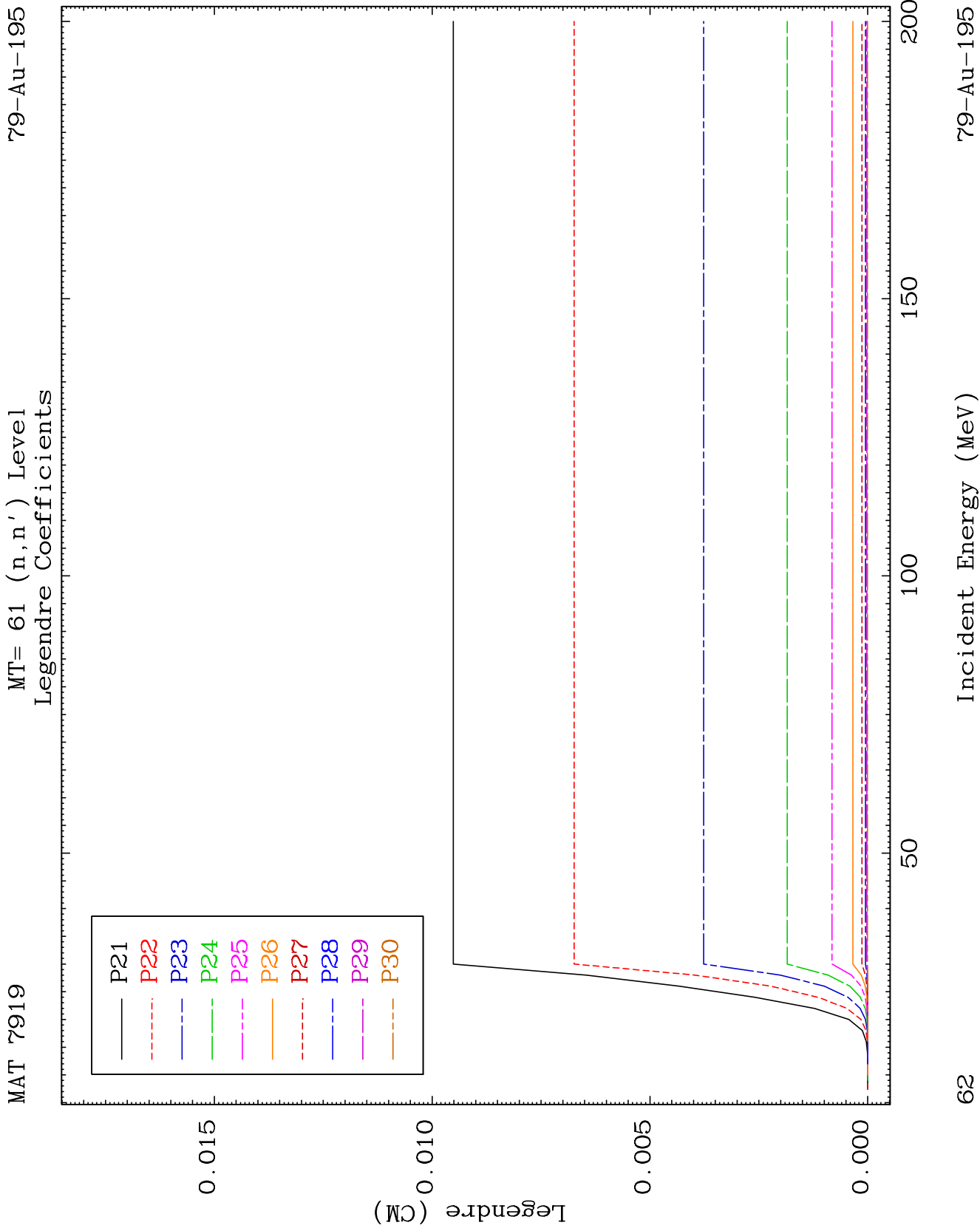
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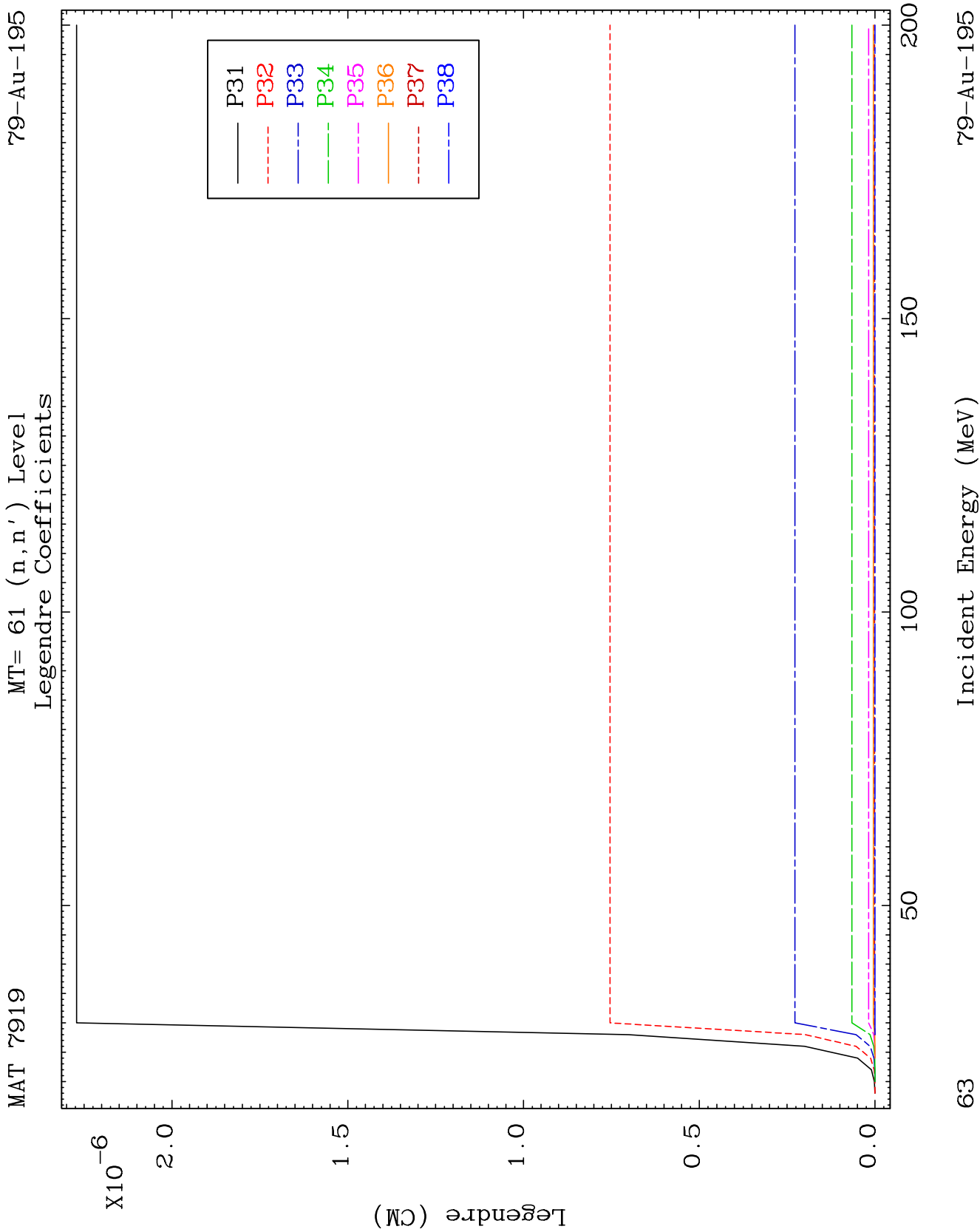
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Legendre Coefficients

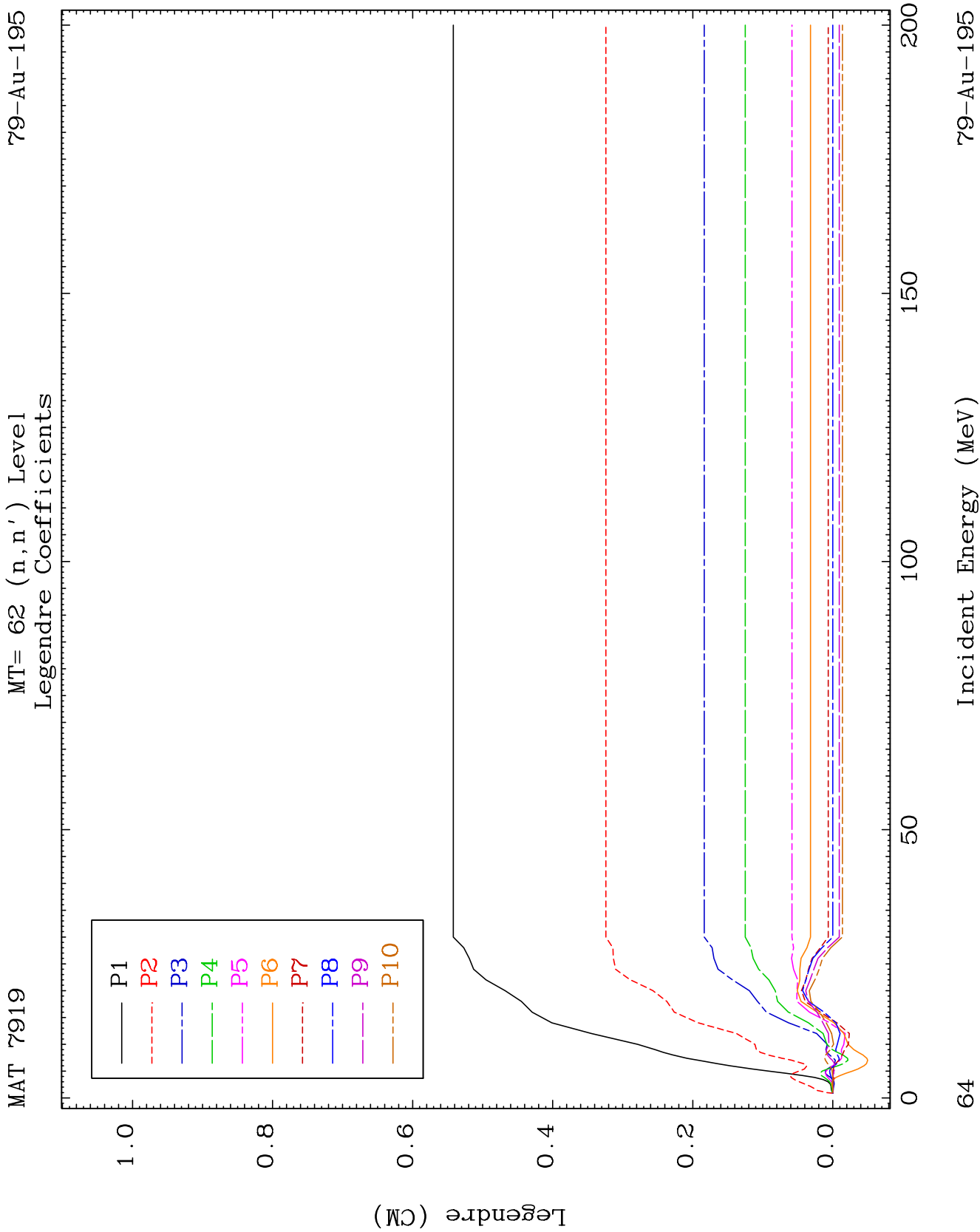
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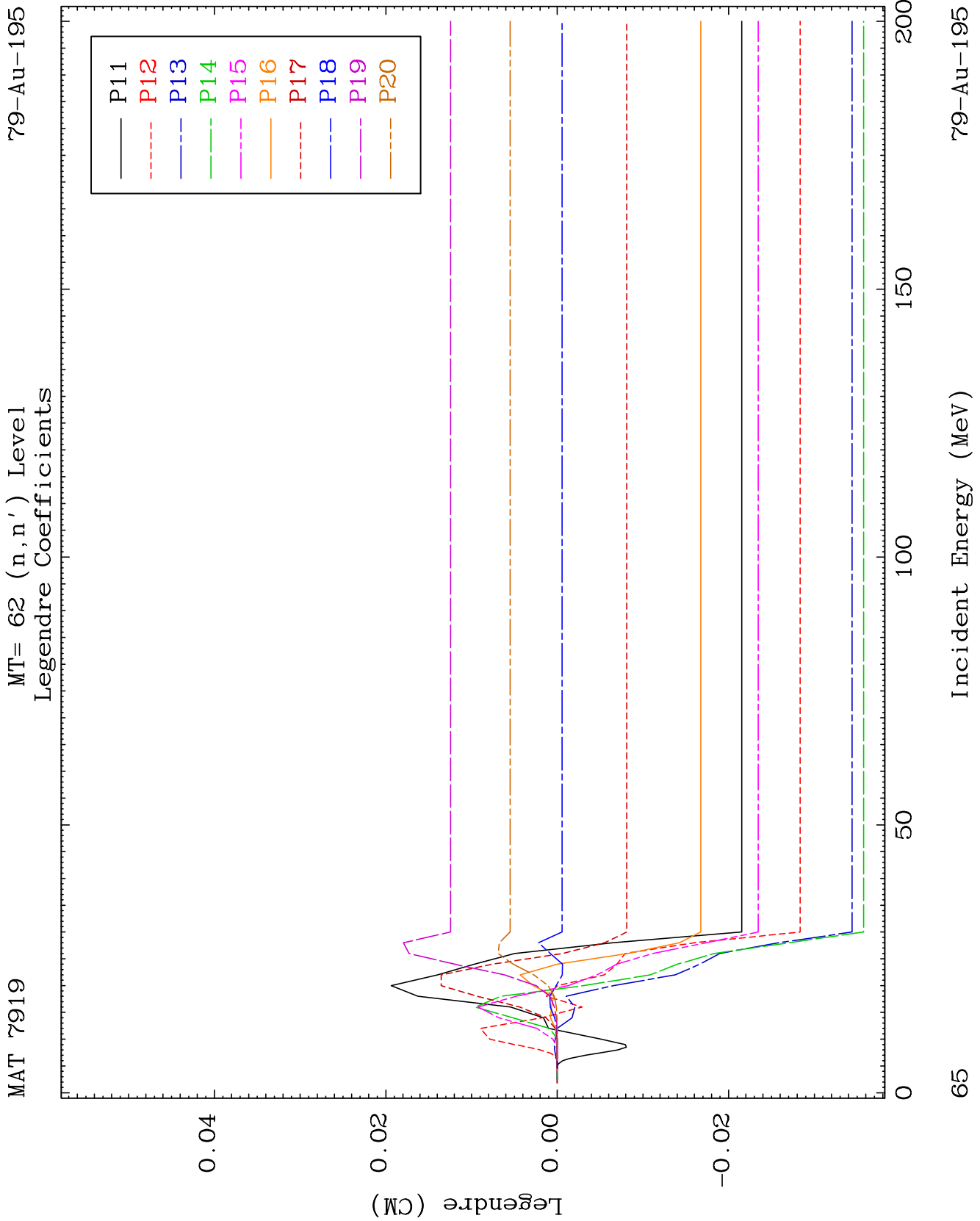


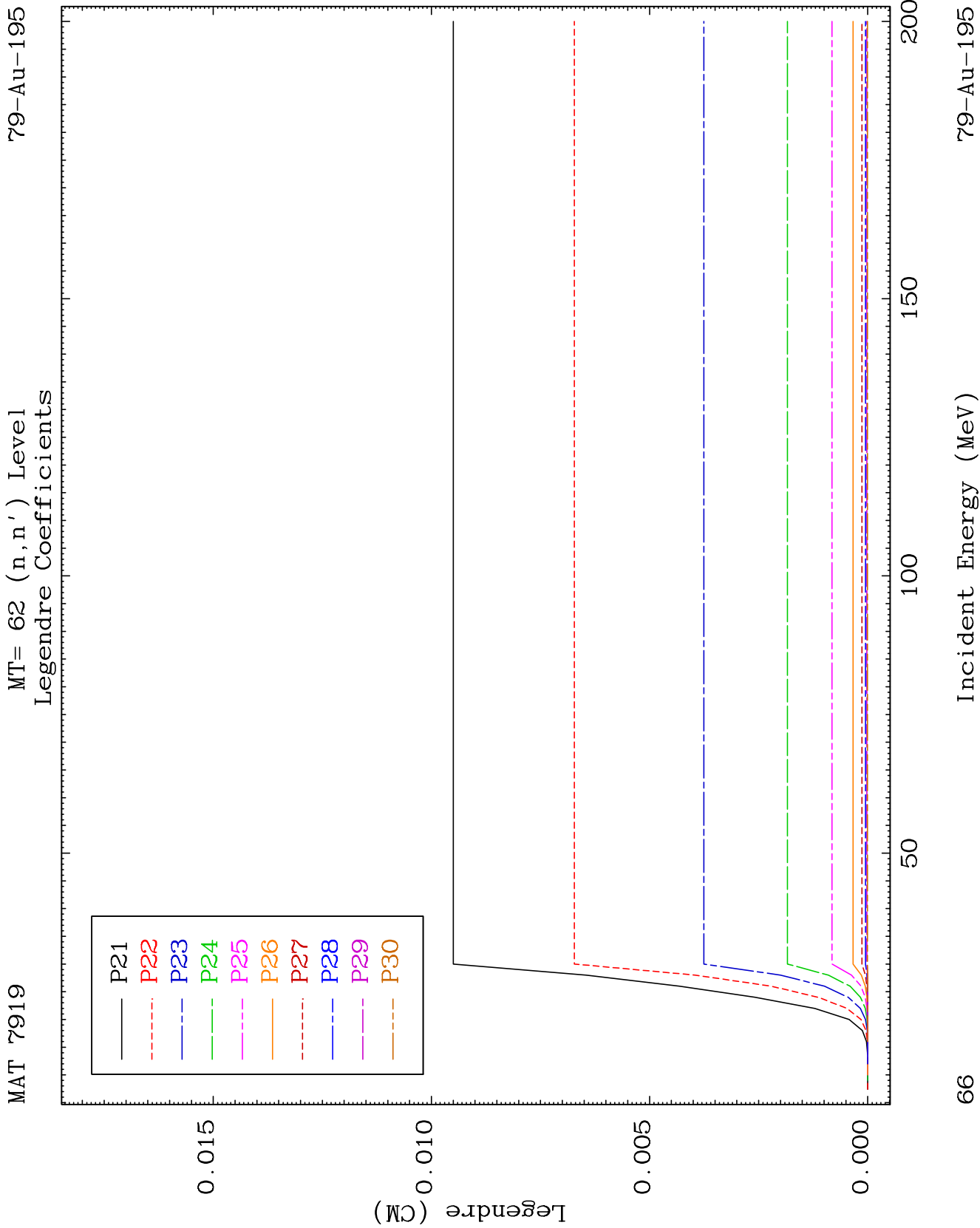


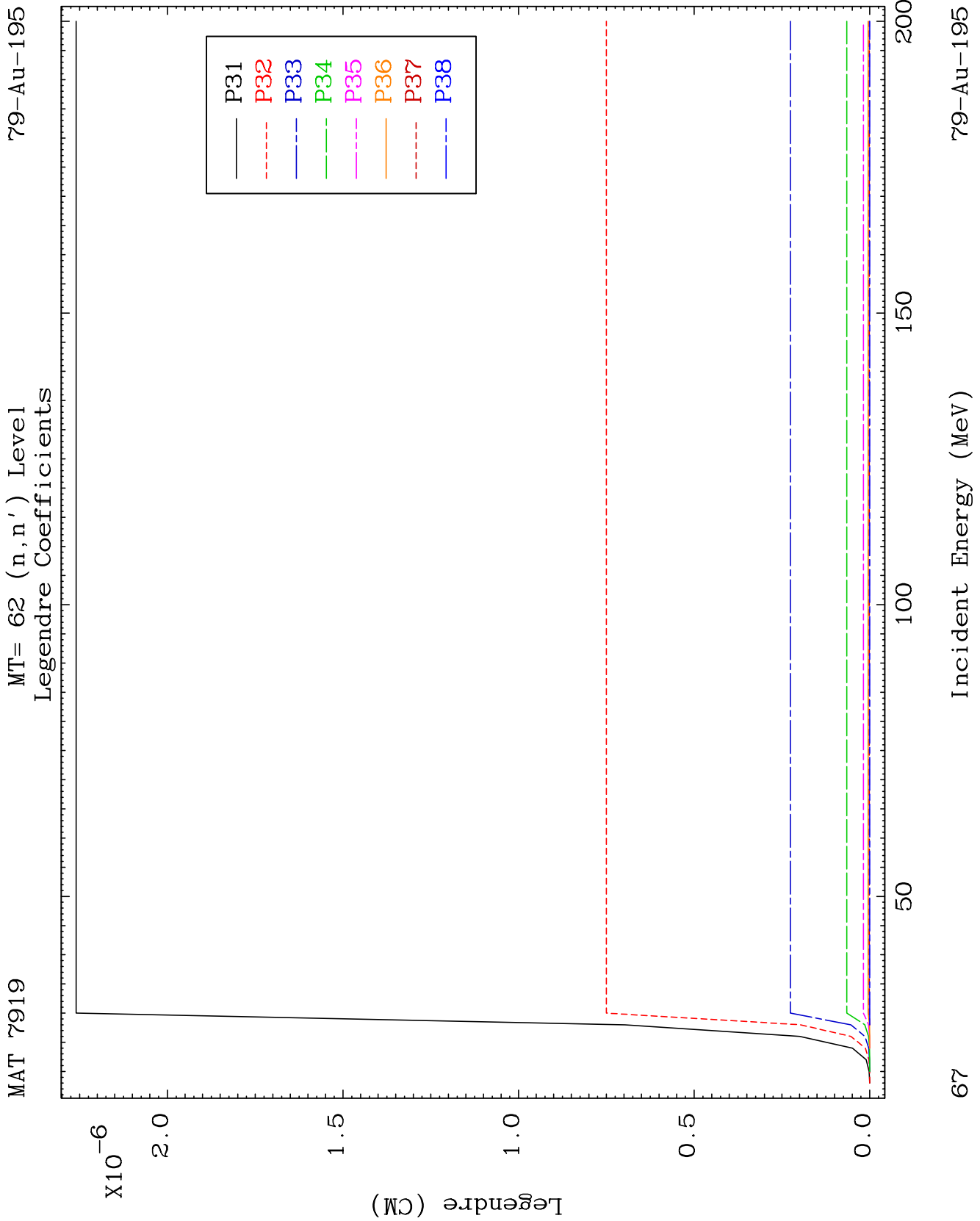








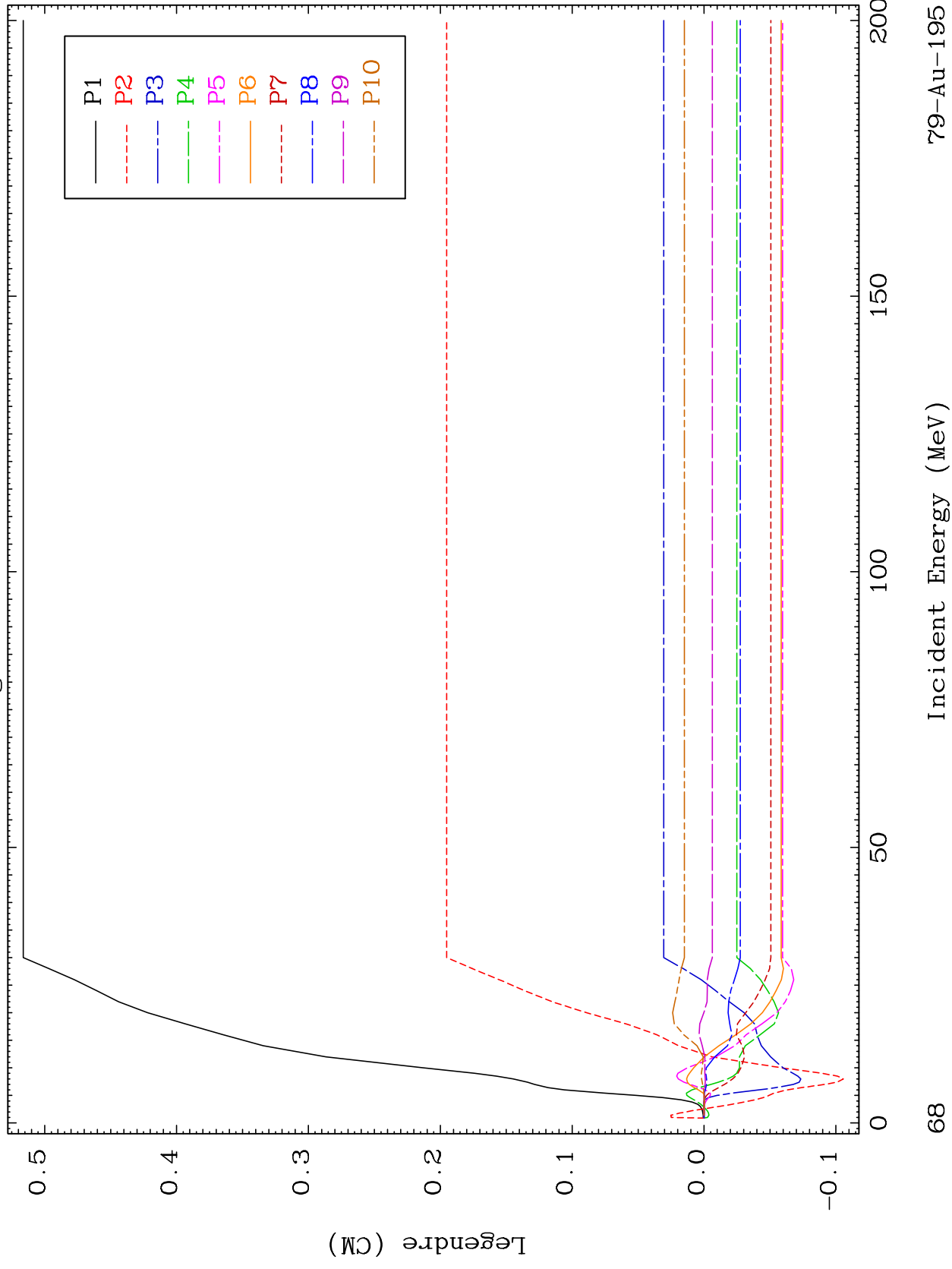


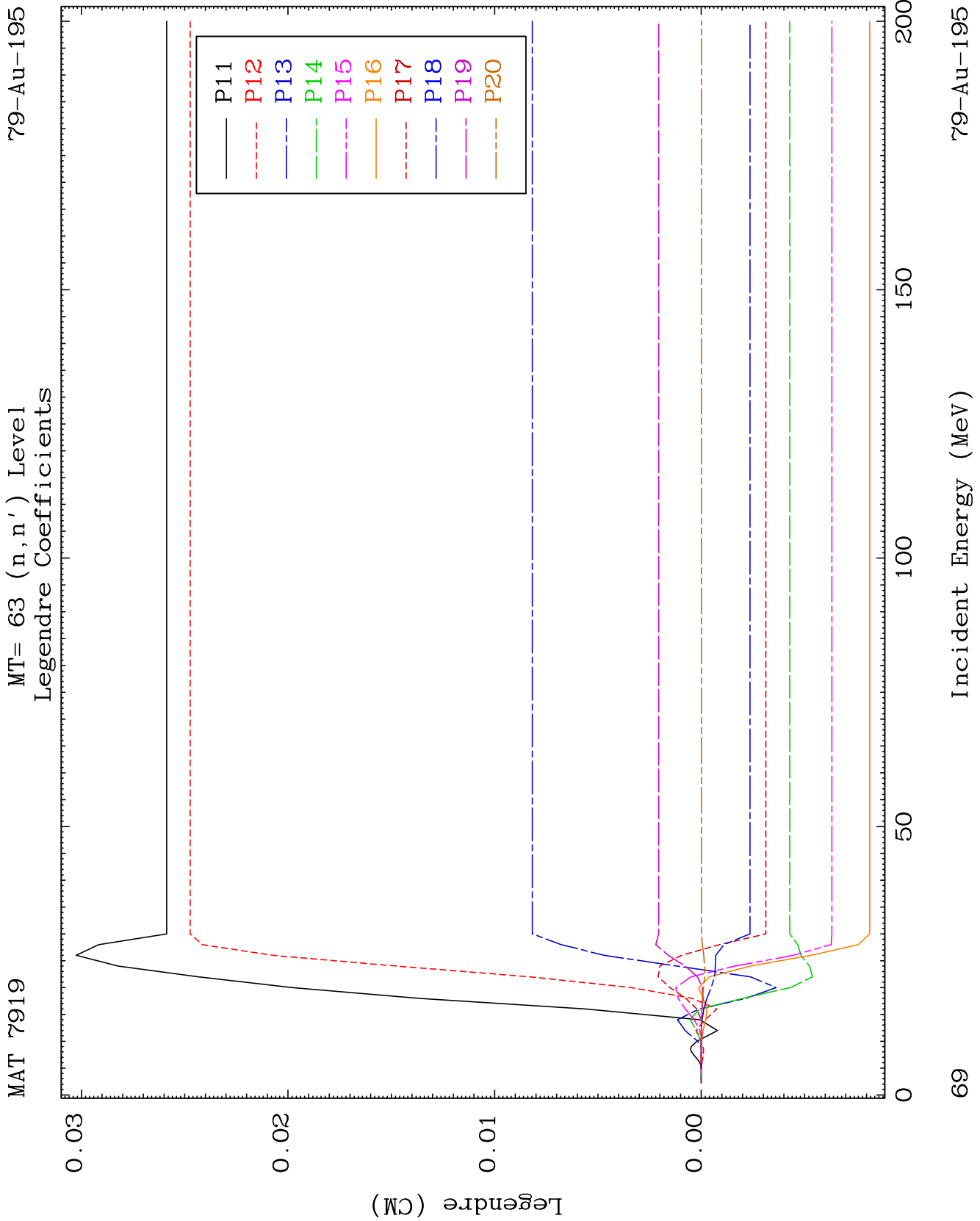


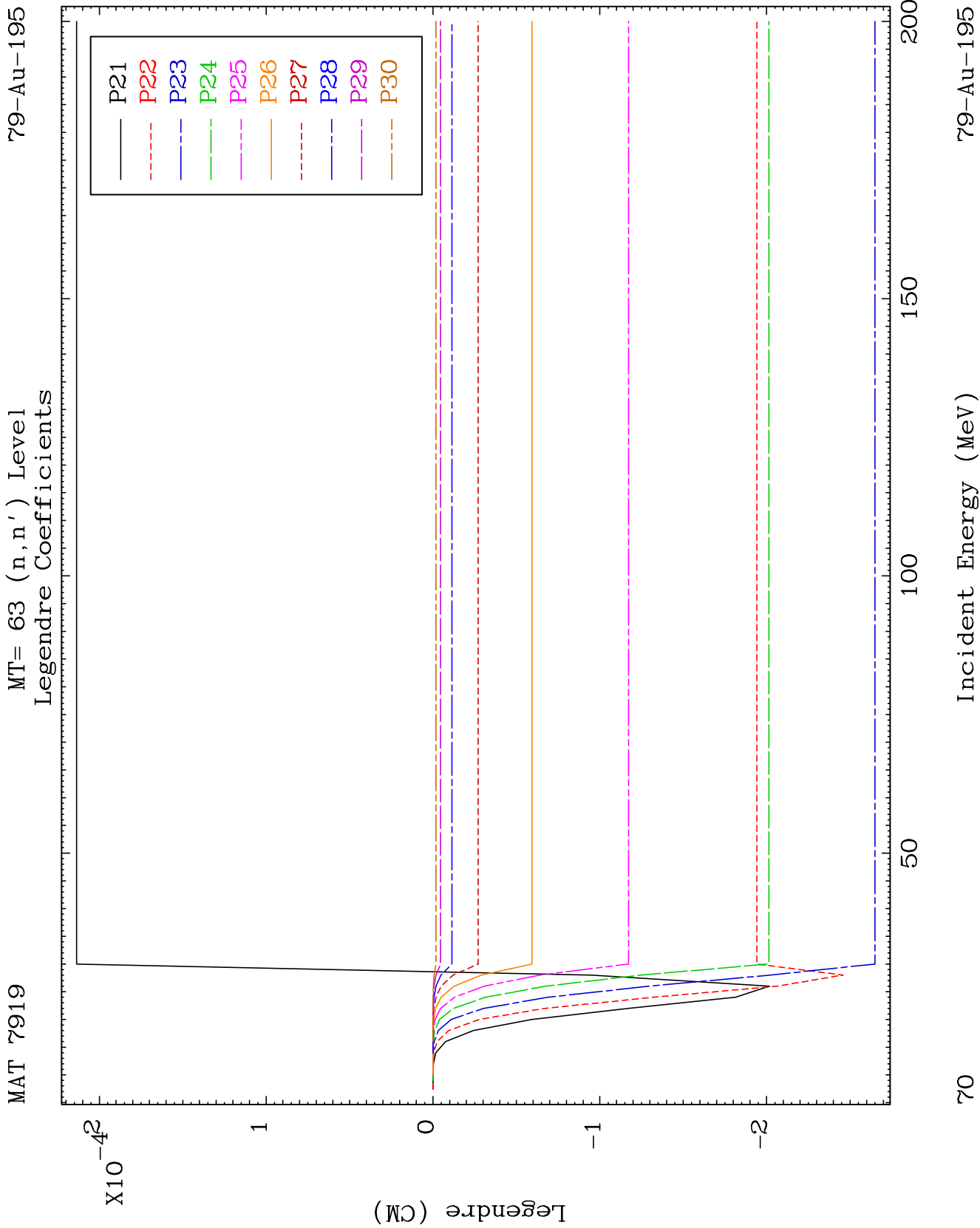
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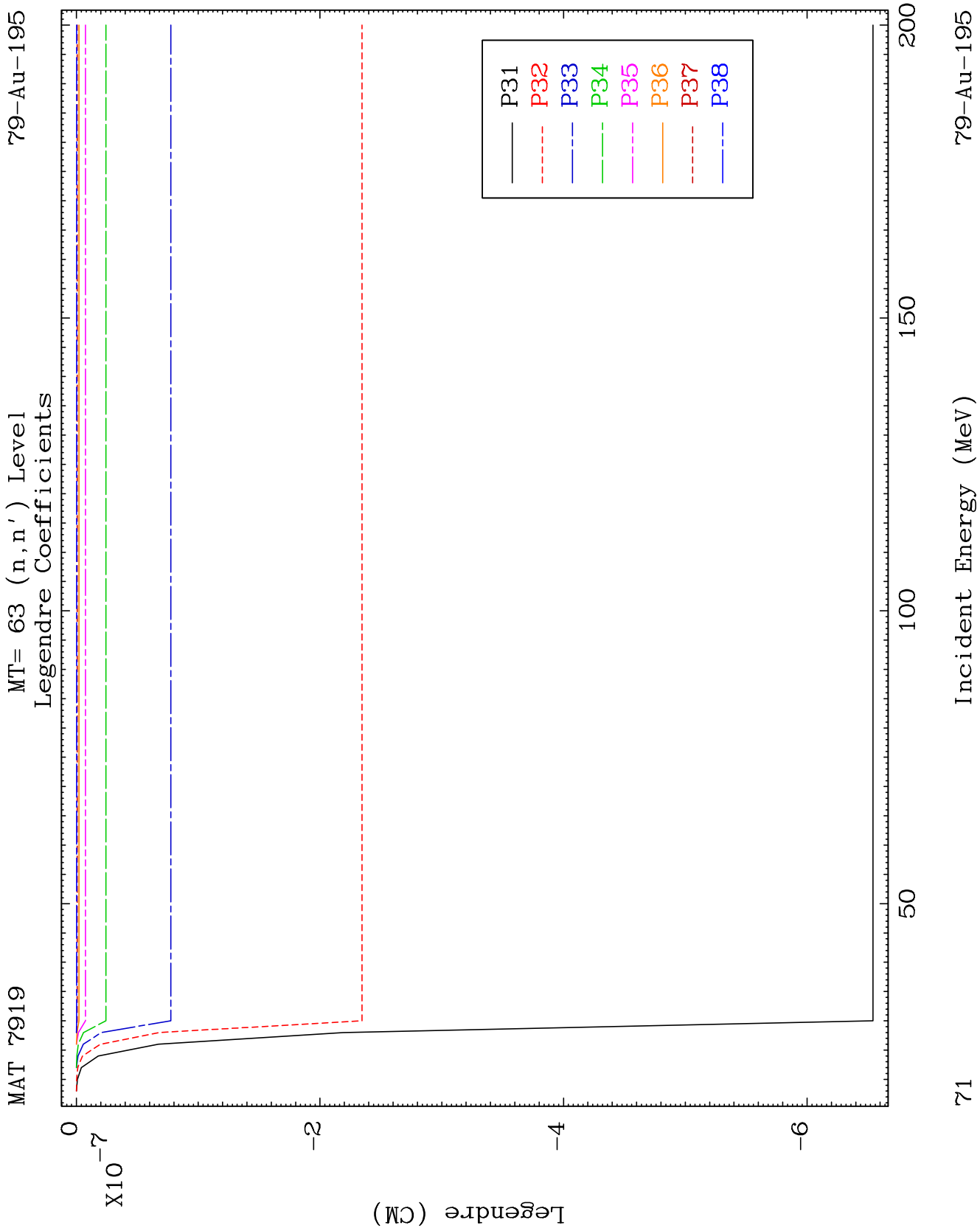
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Legendre Coefficients

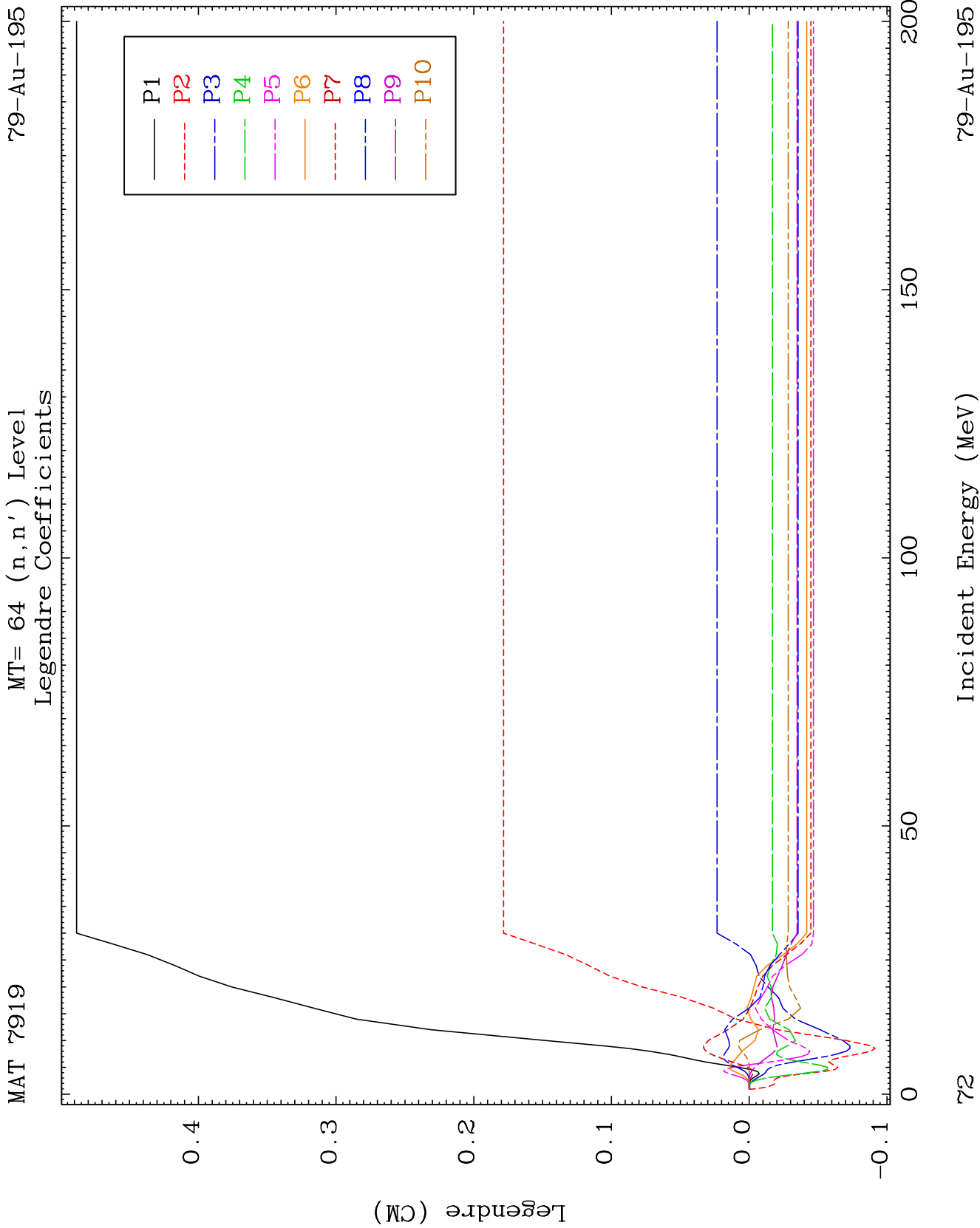
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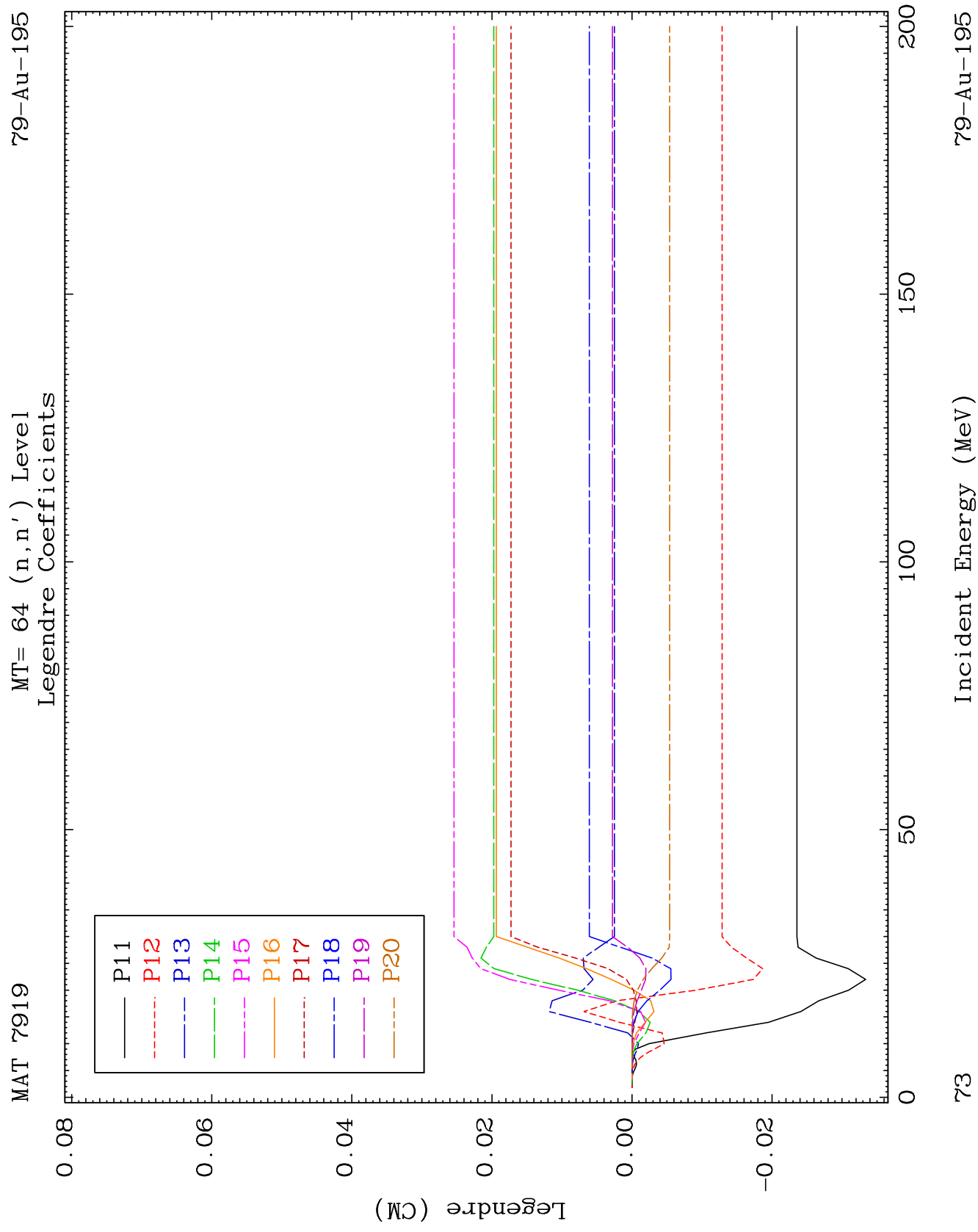


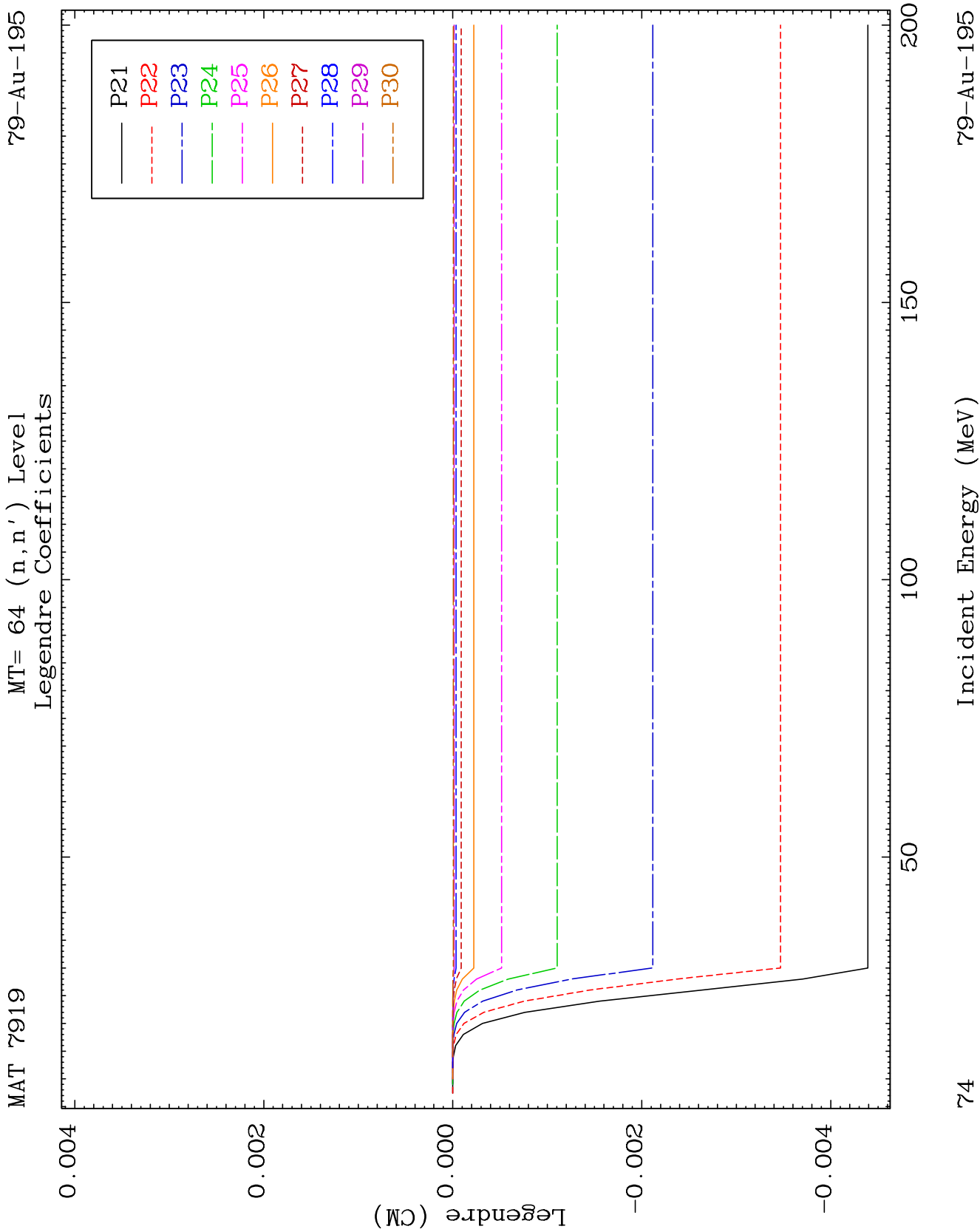


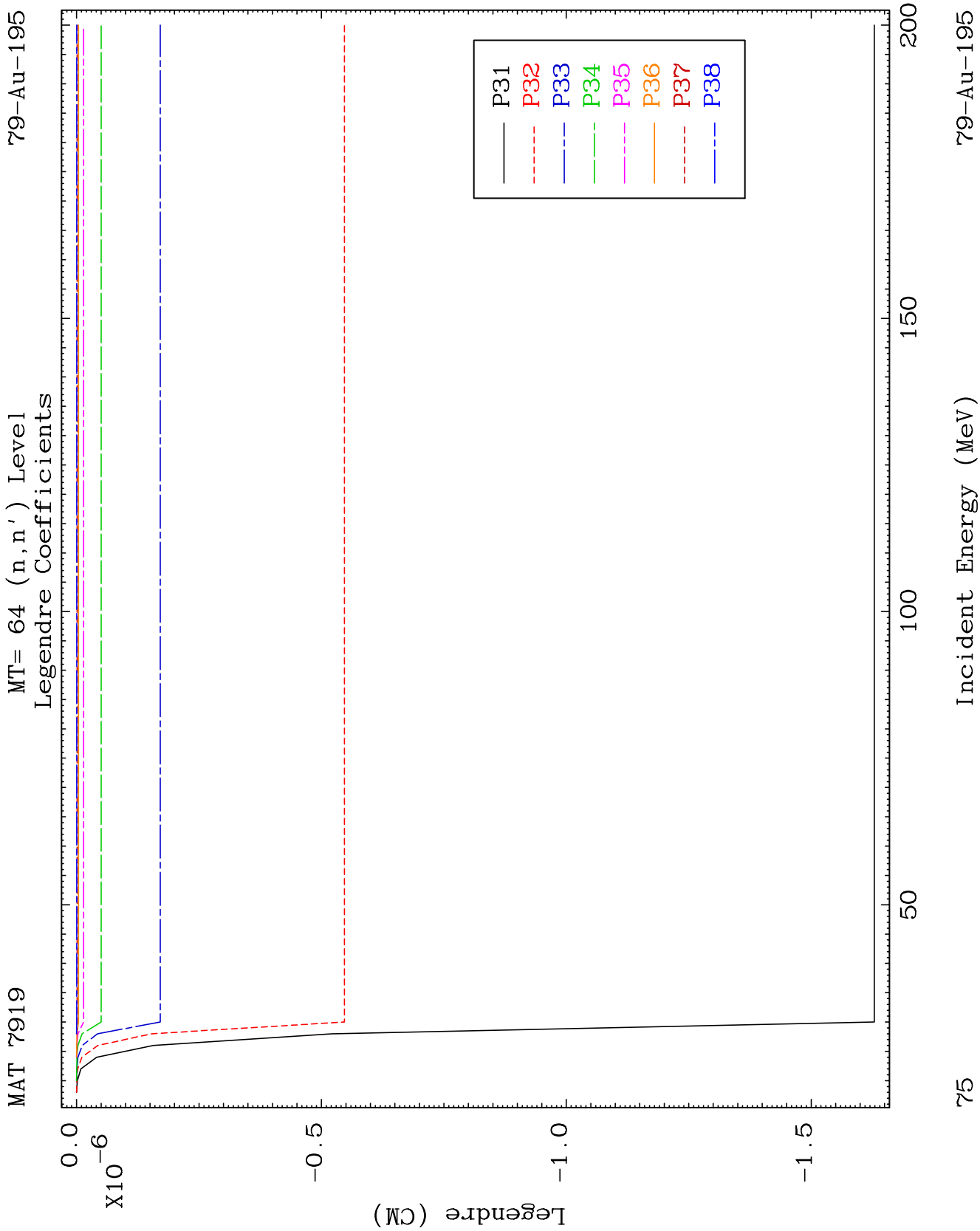


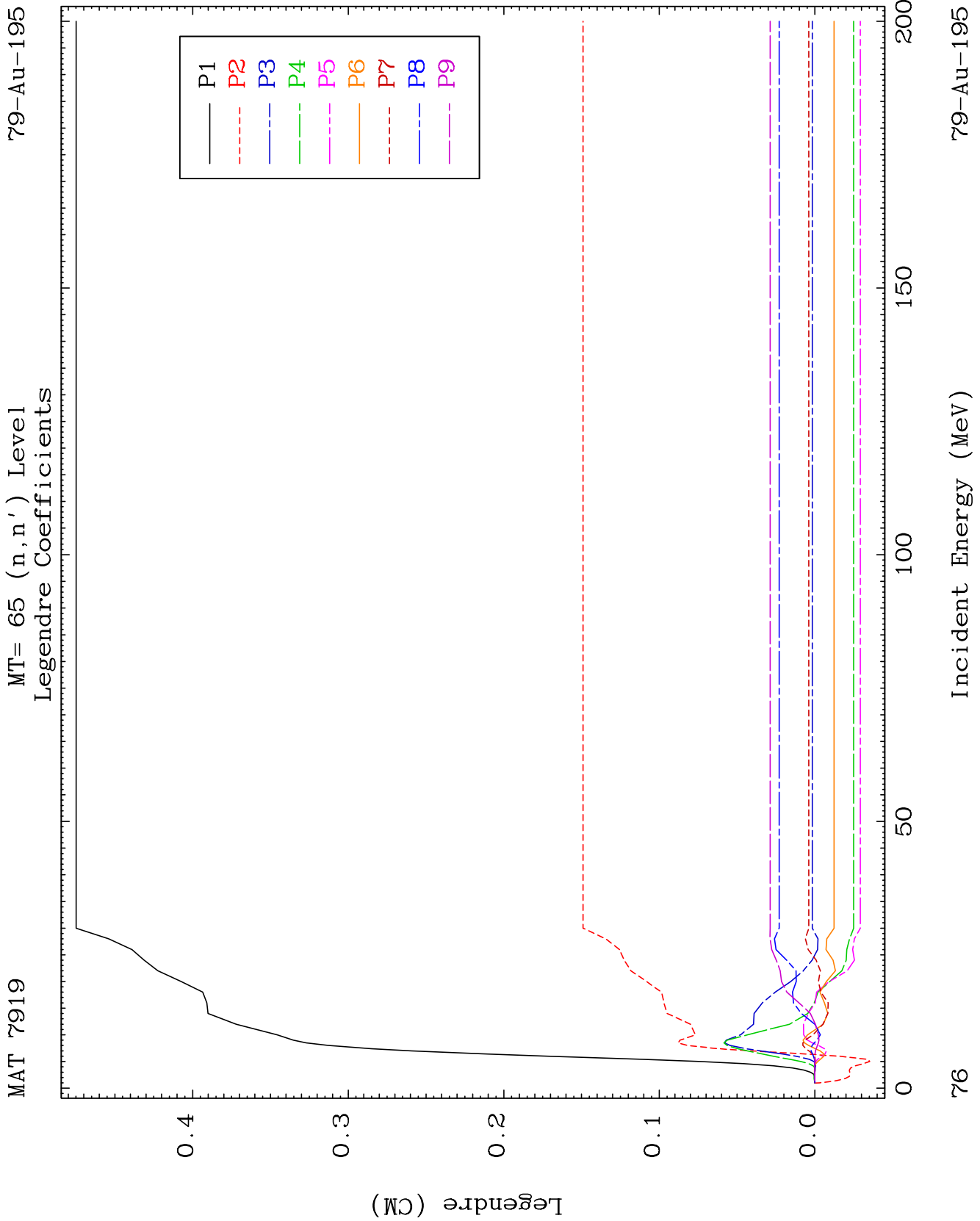








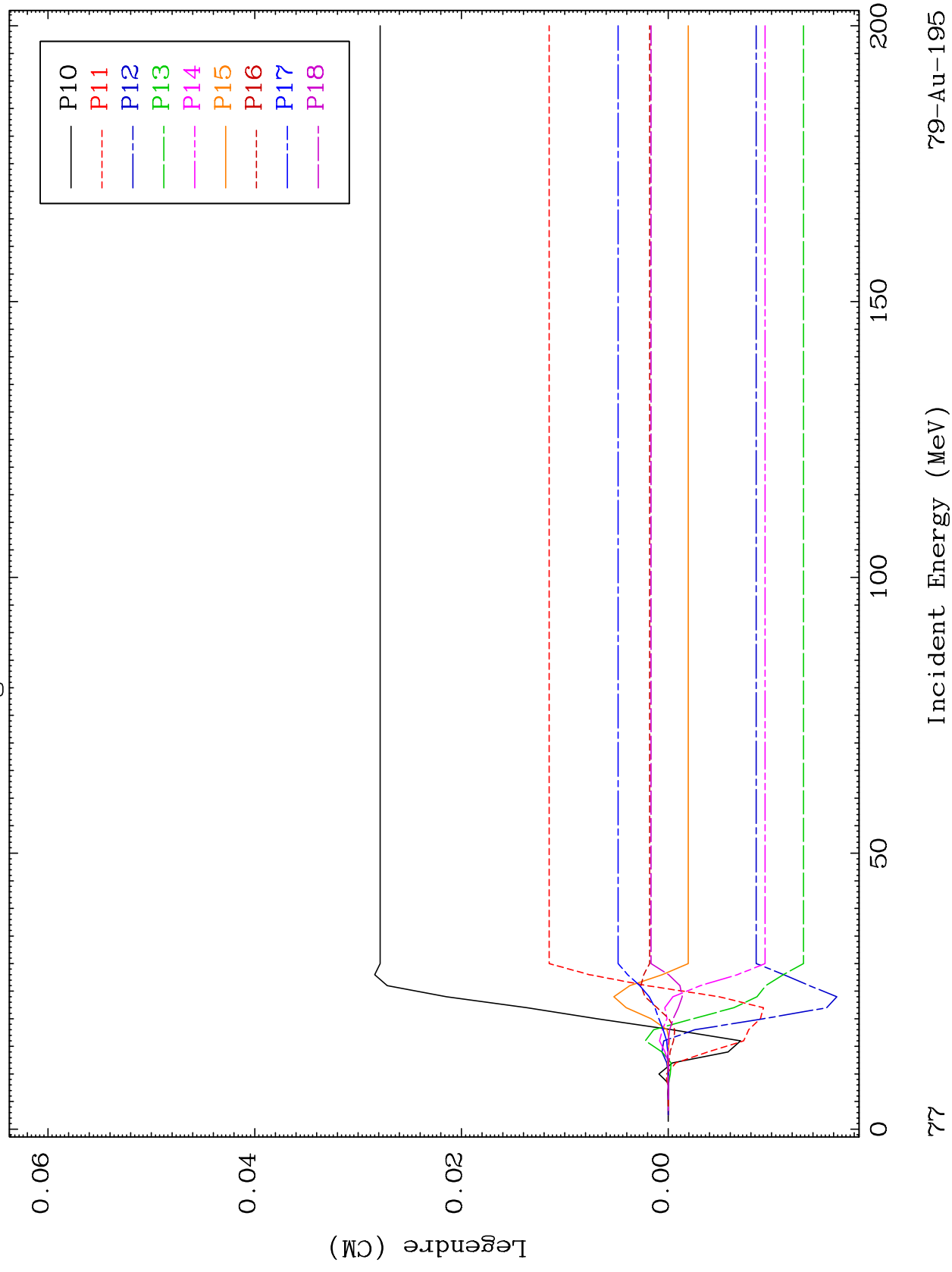


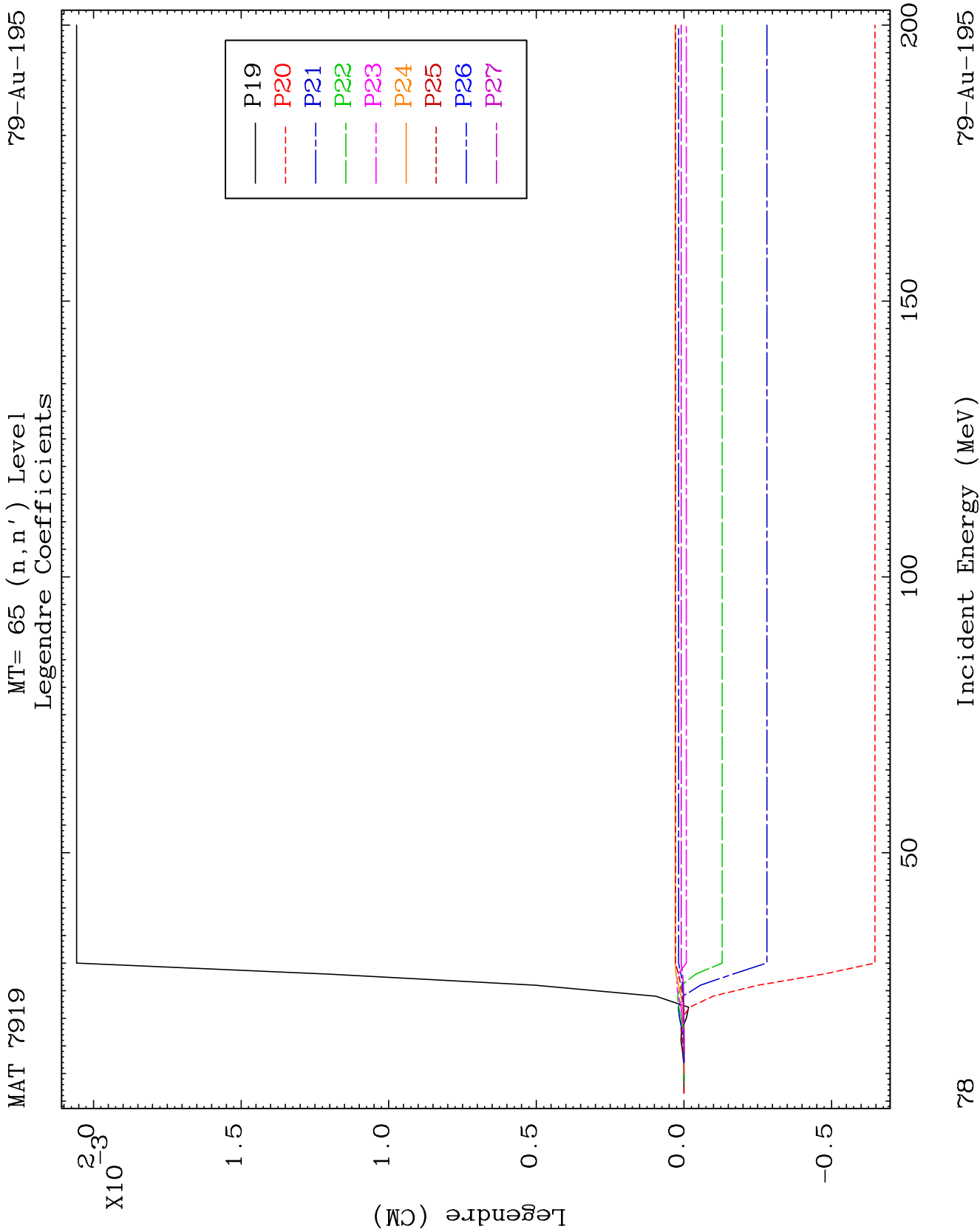


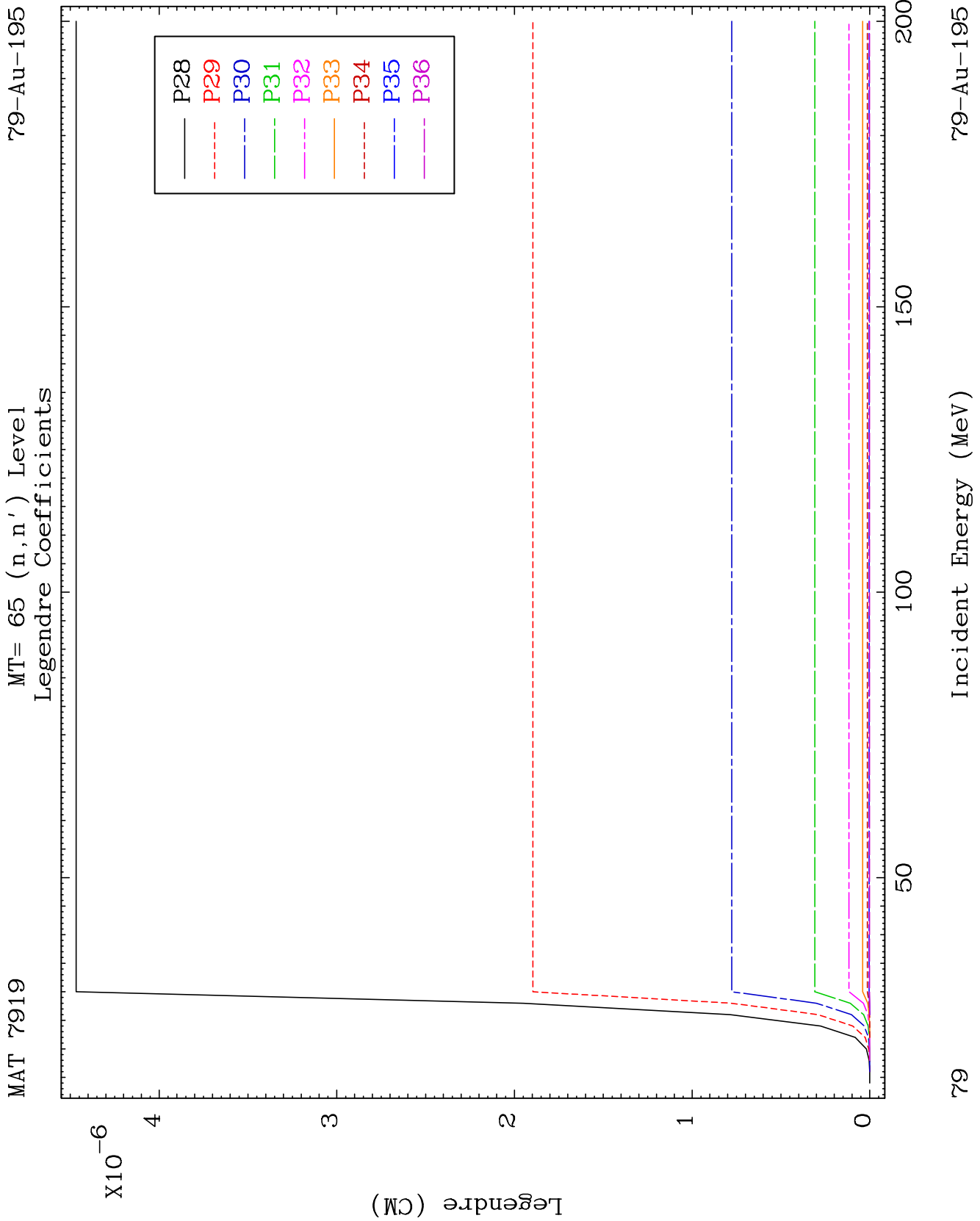
MAT 7919

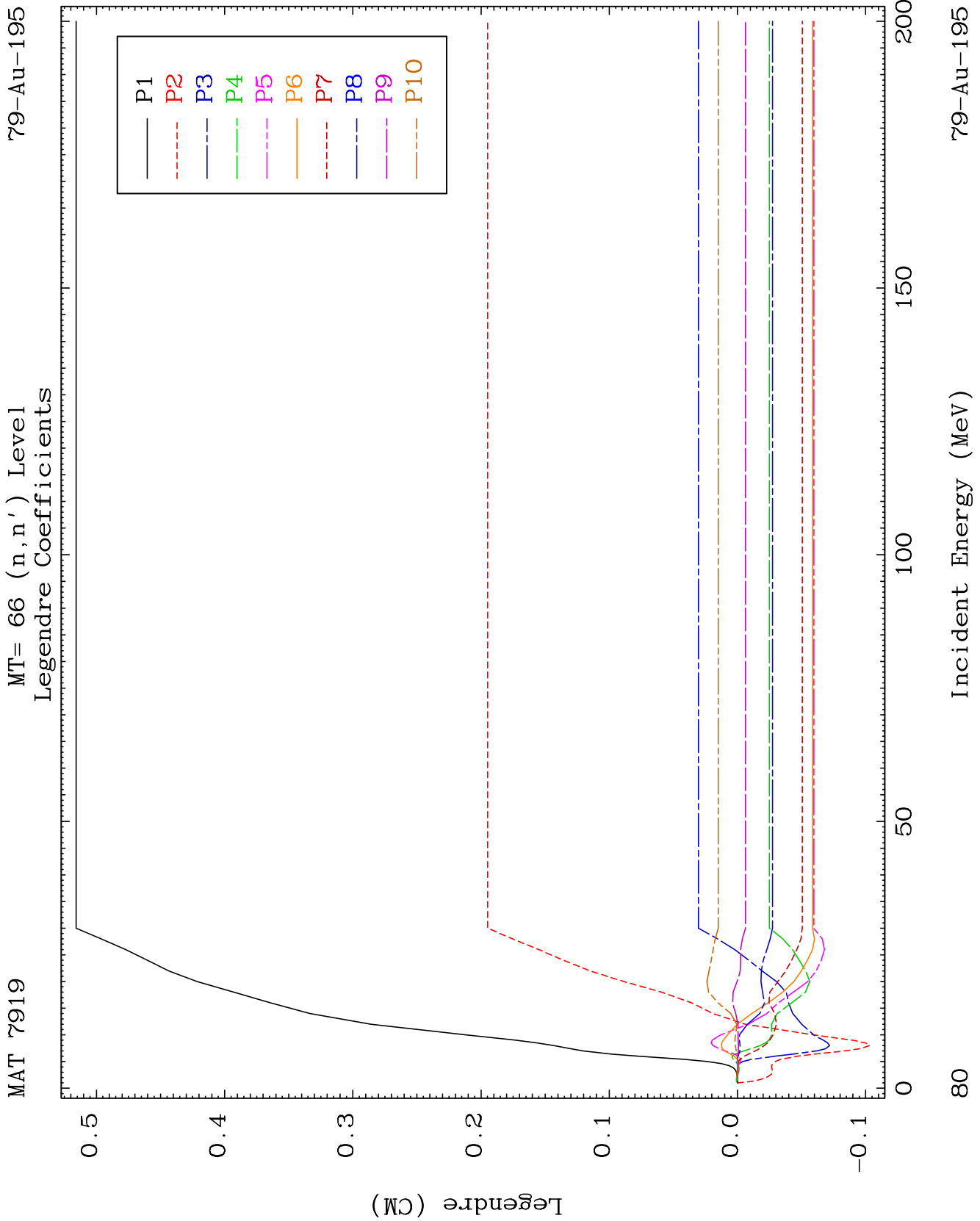
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Legendre Coefficients

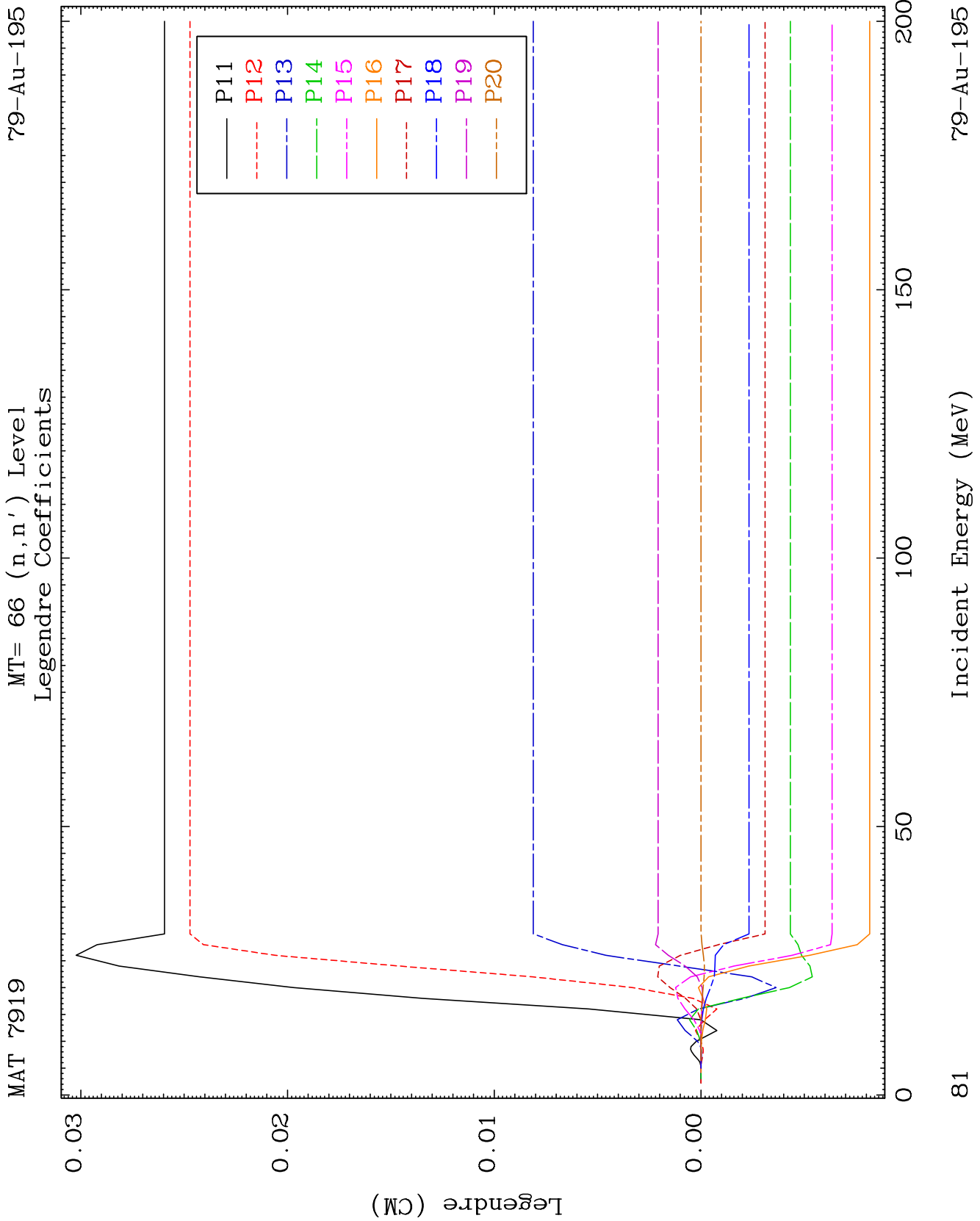
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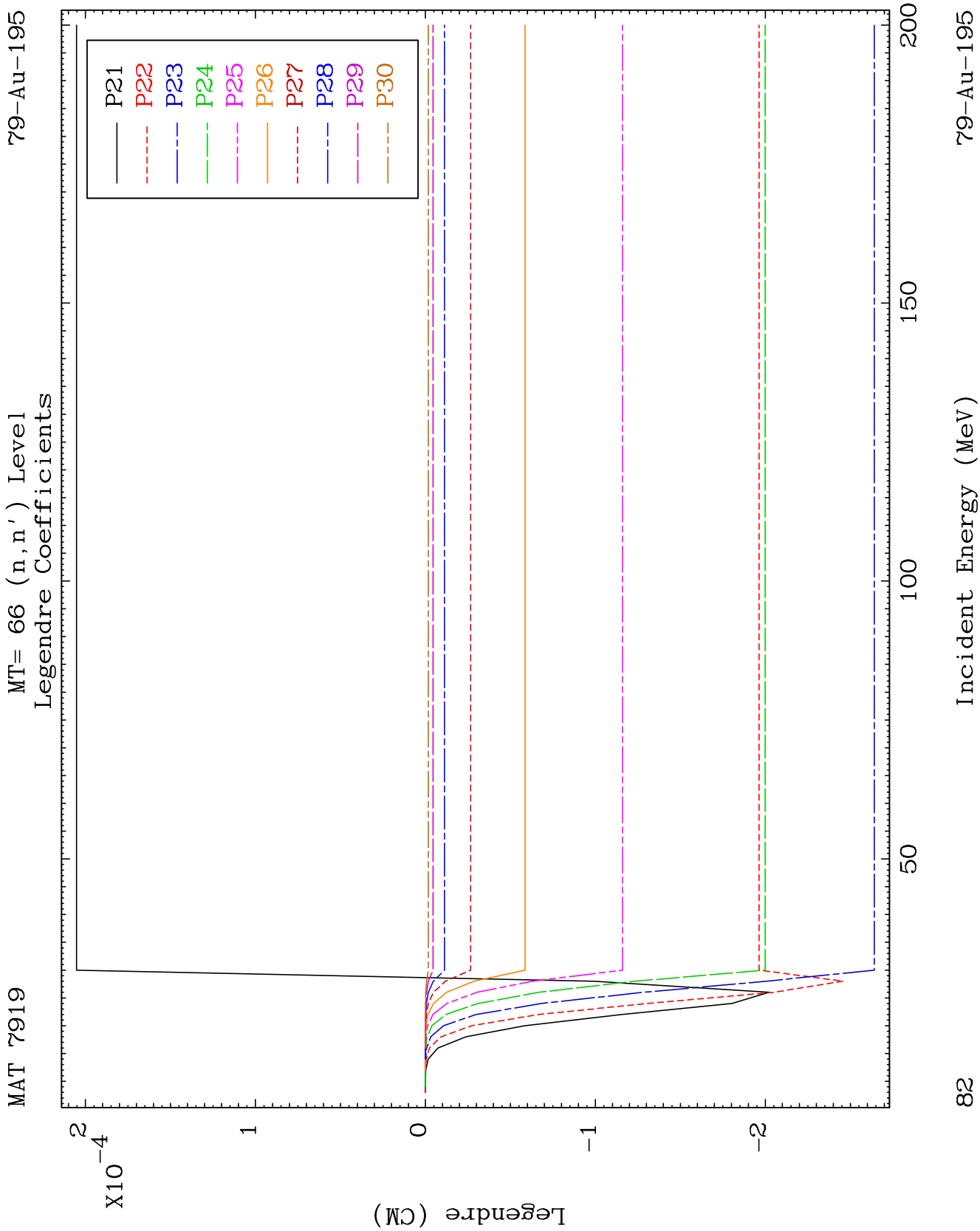


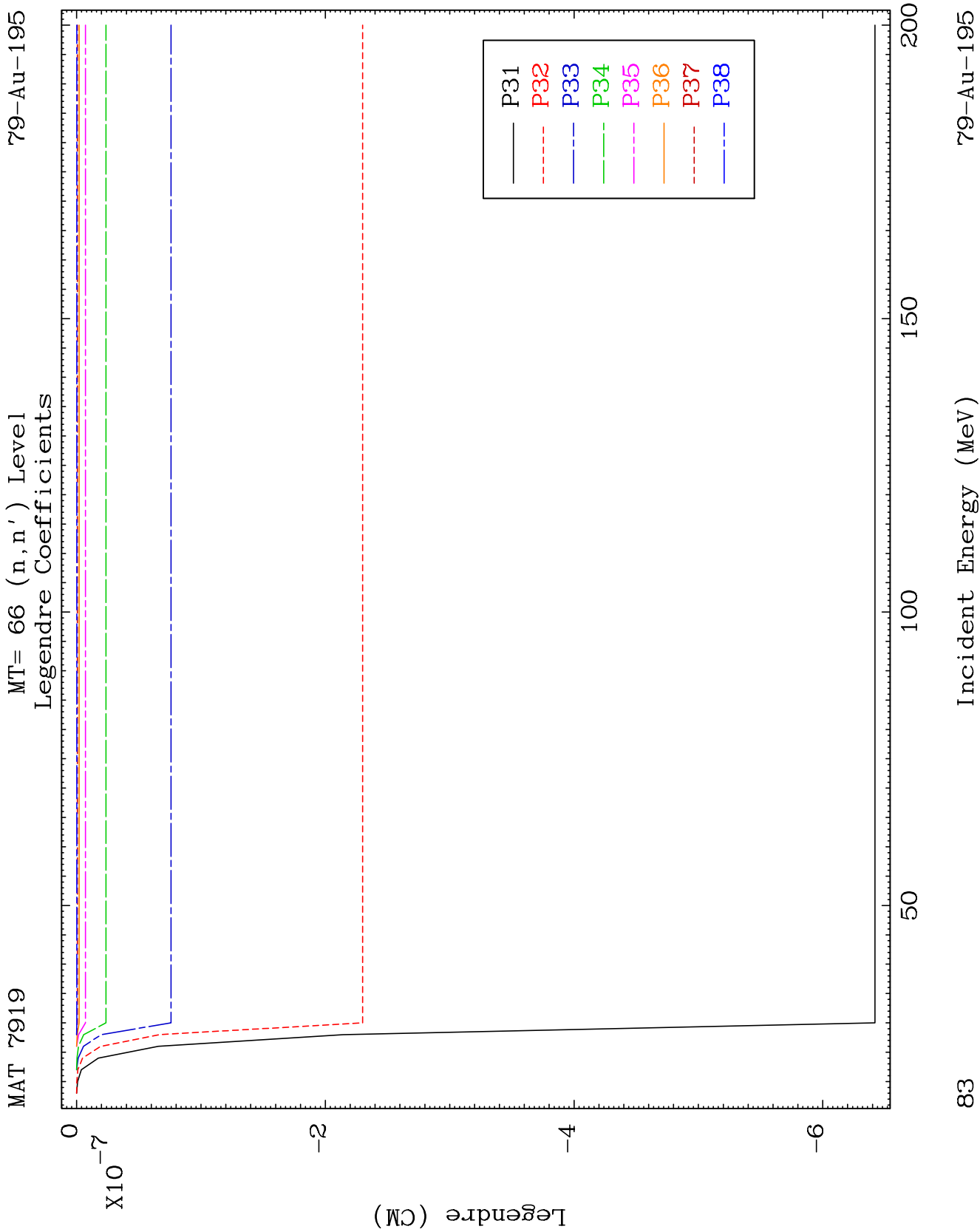


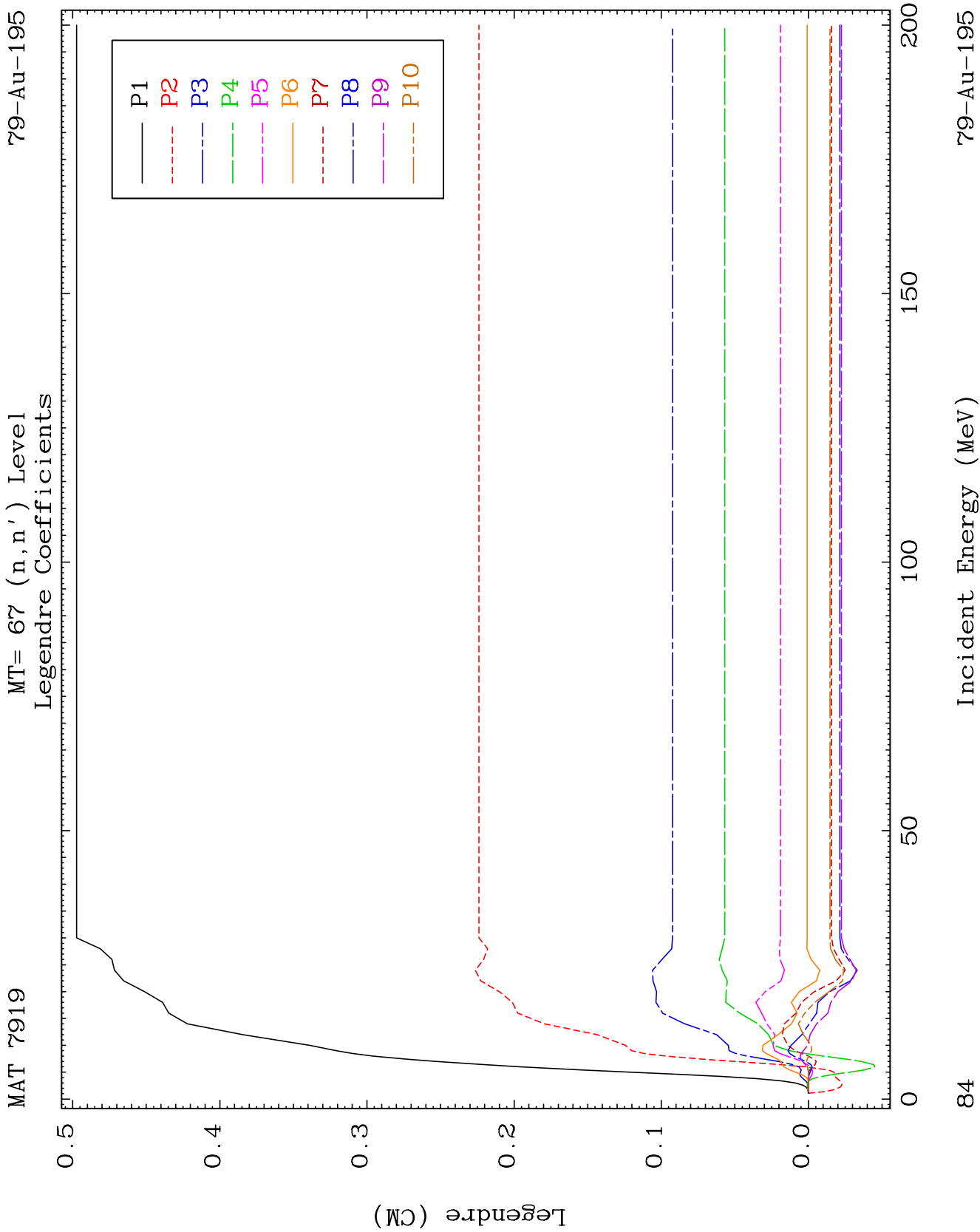


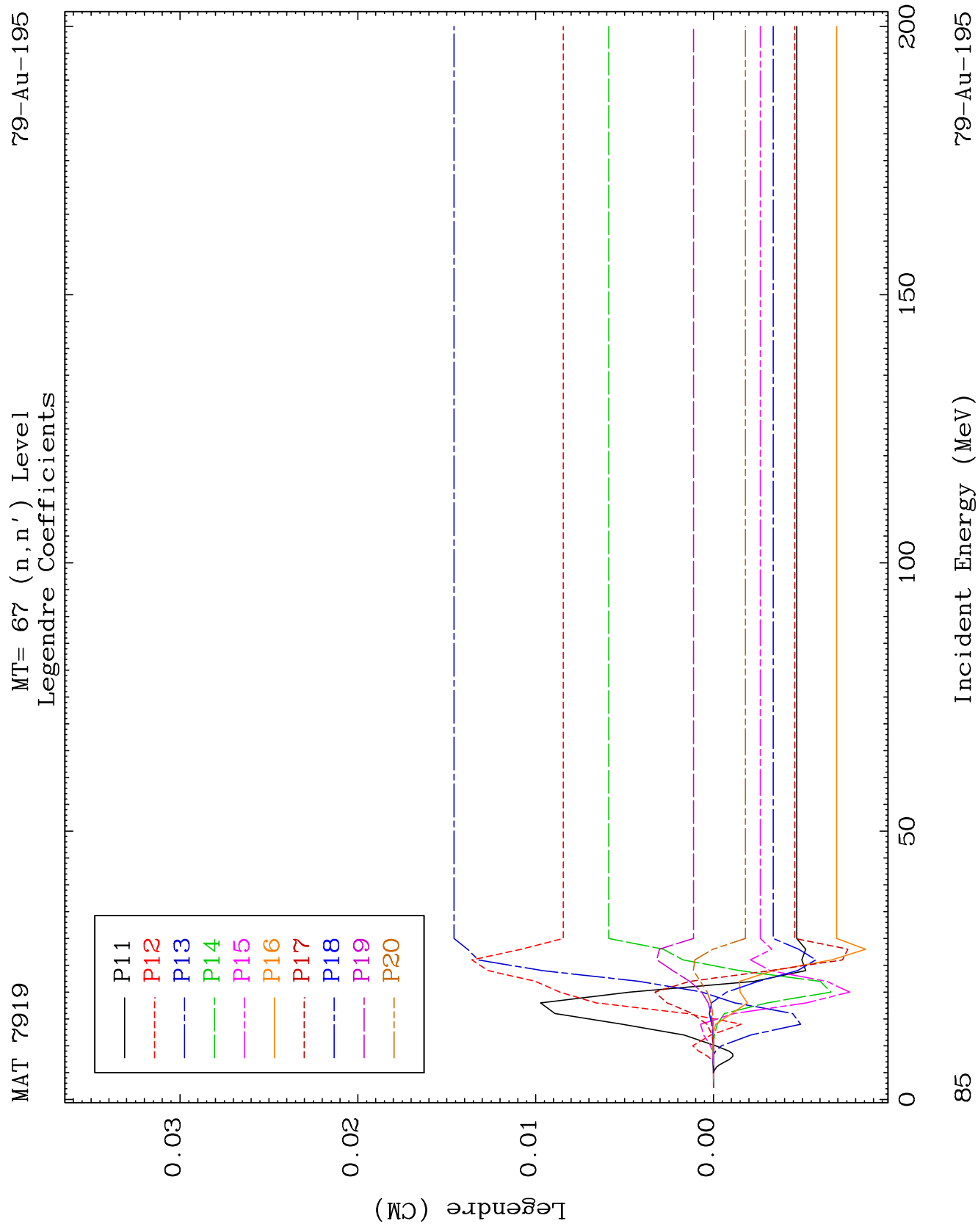


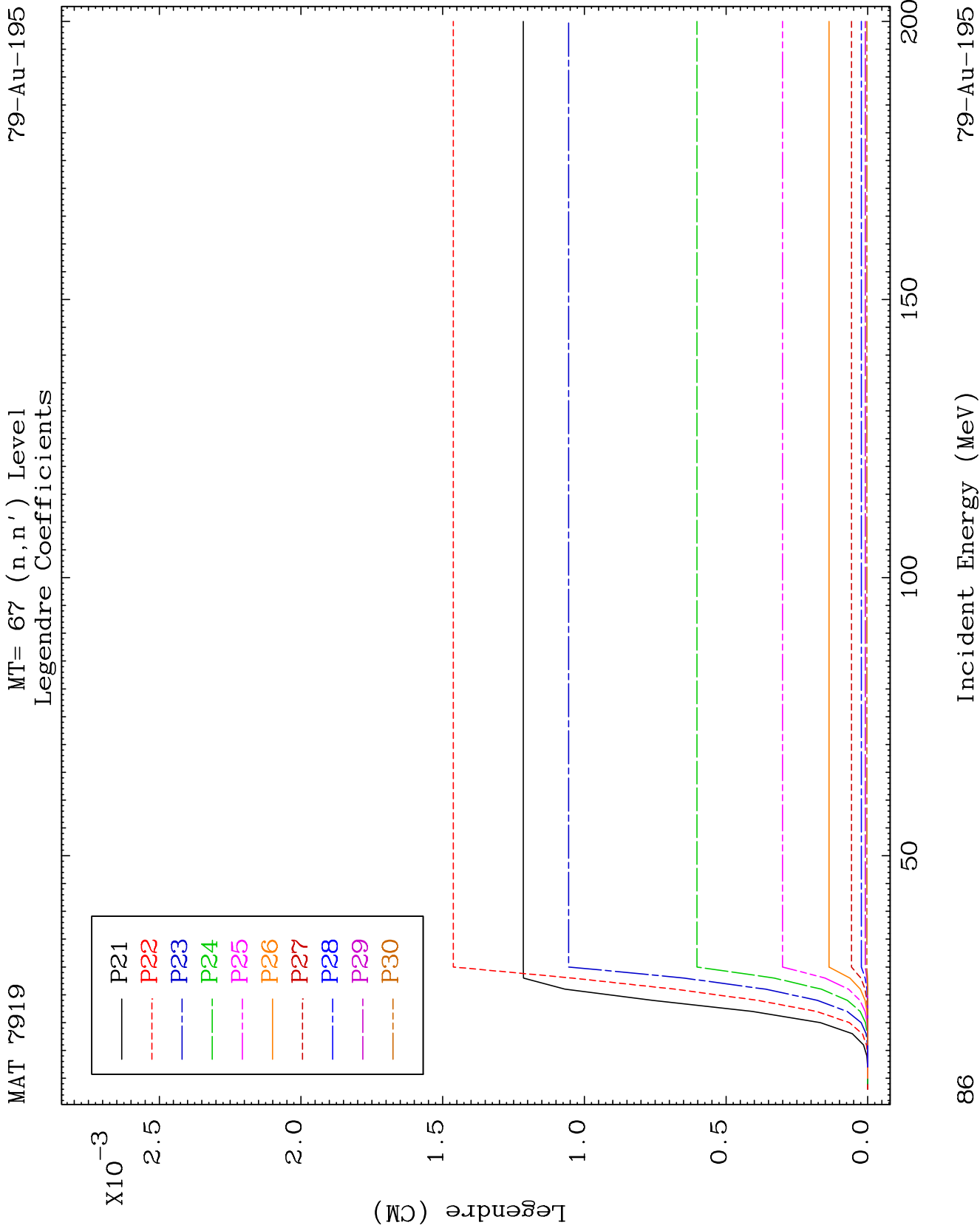








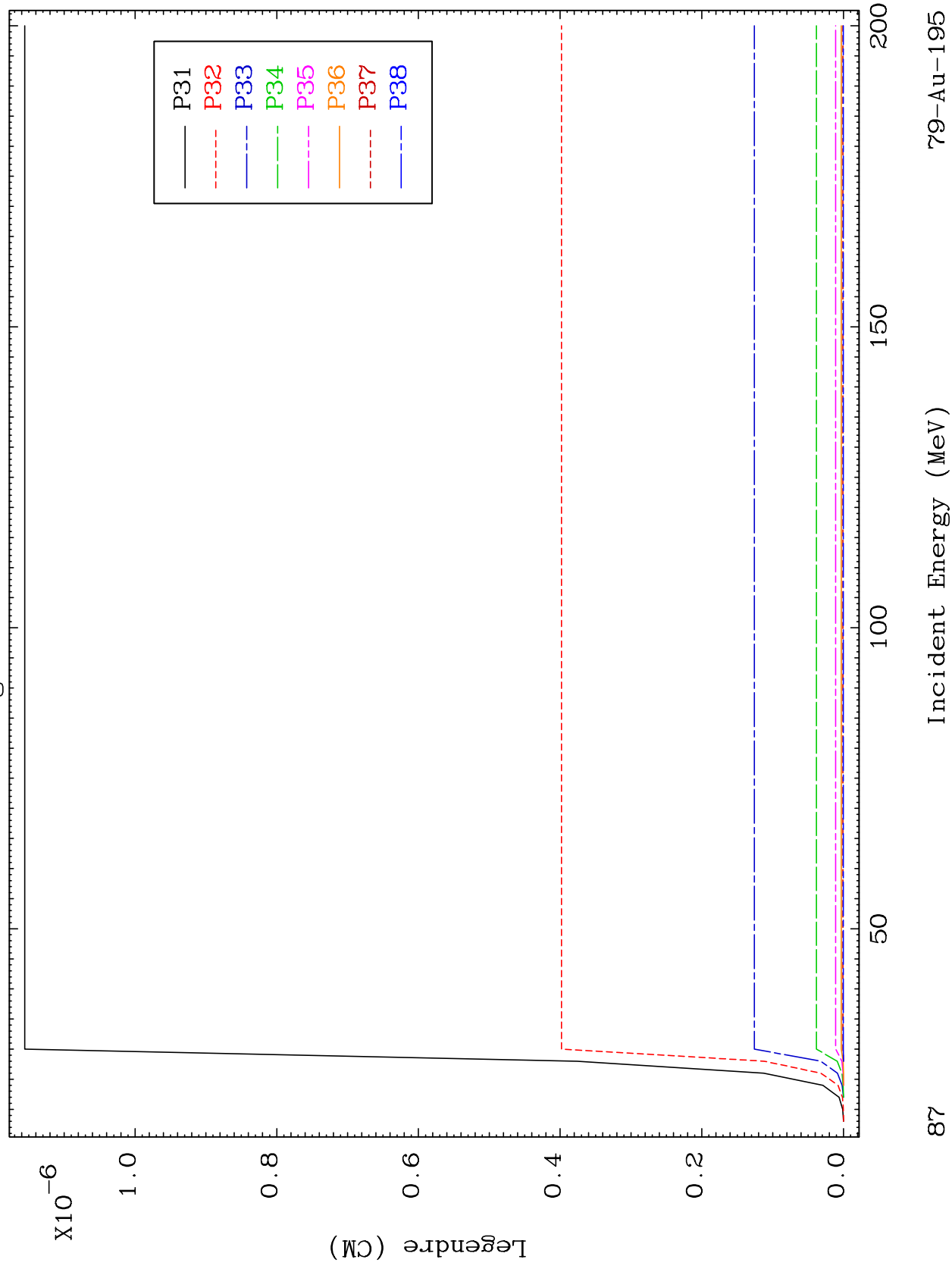


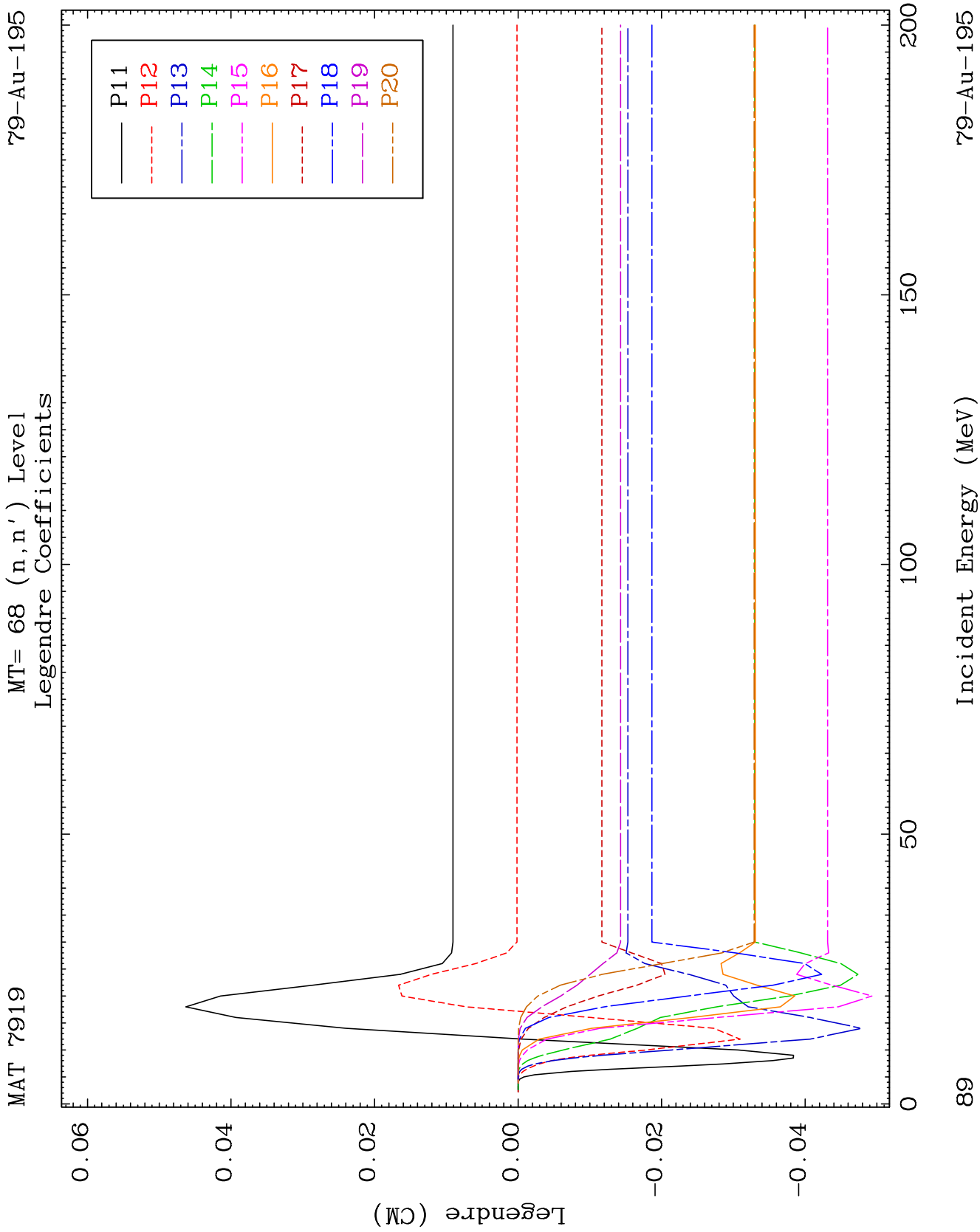


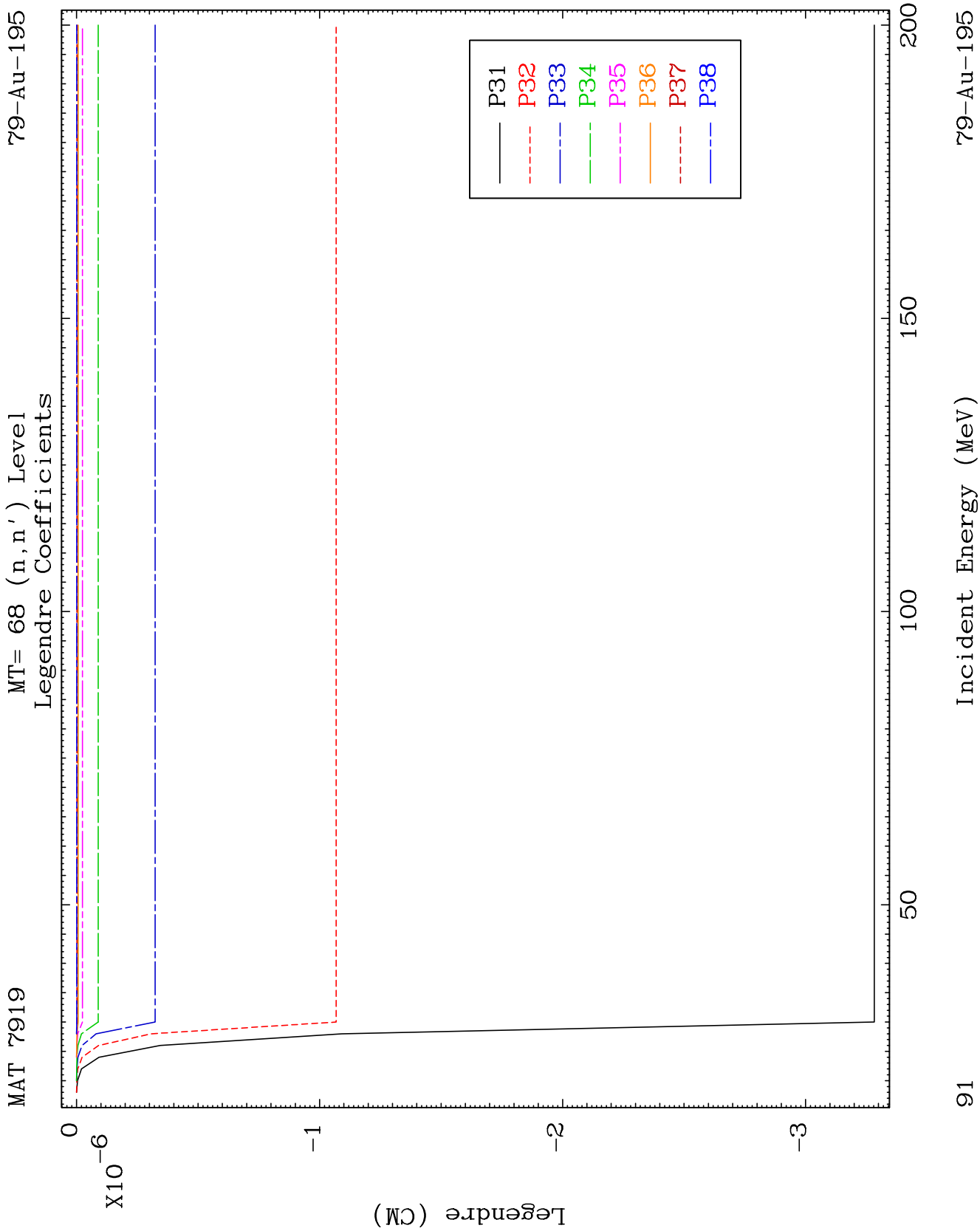
MAT 7919

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

79-Au-195



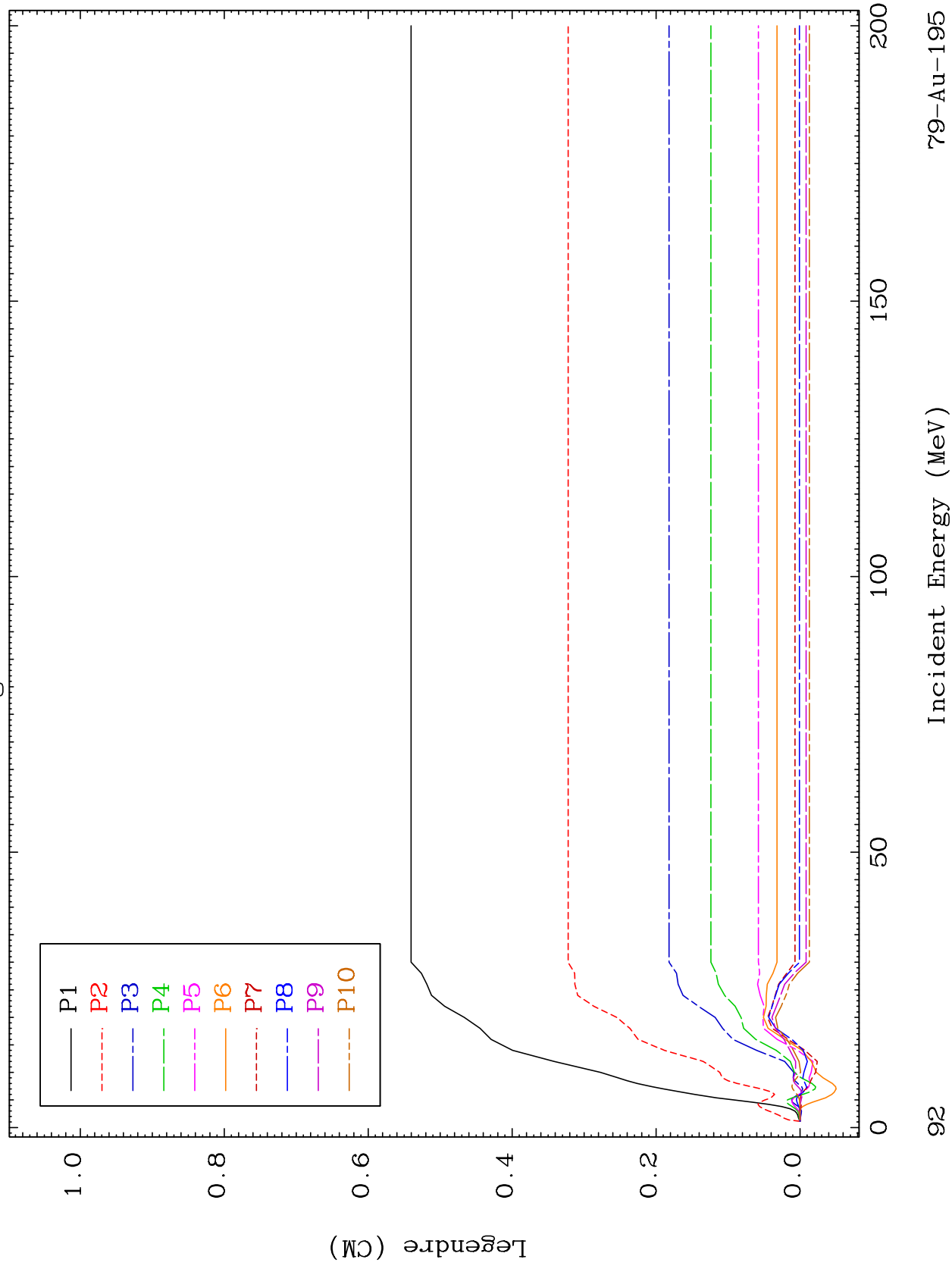


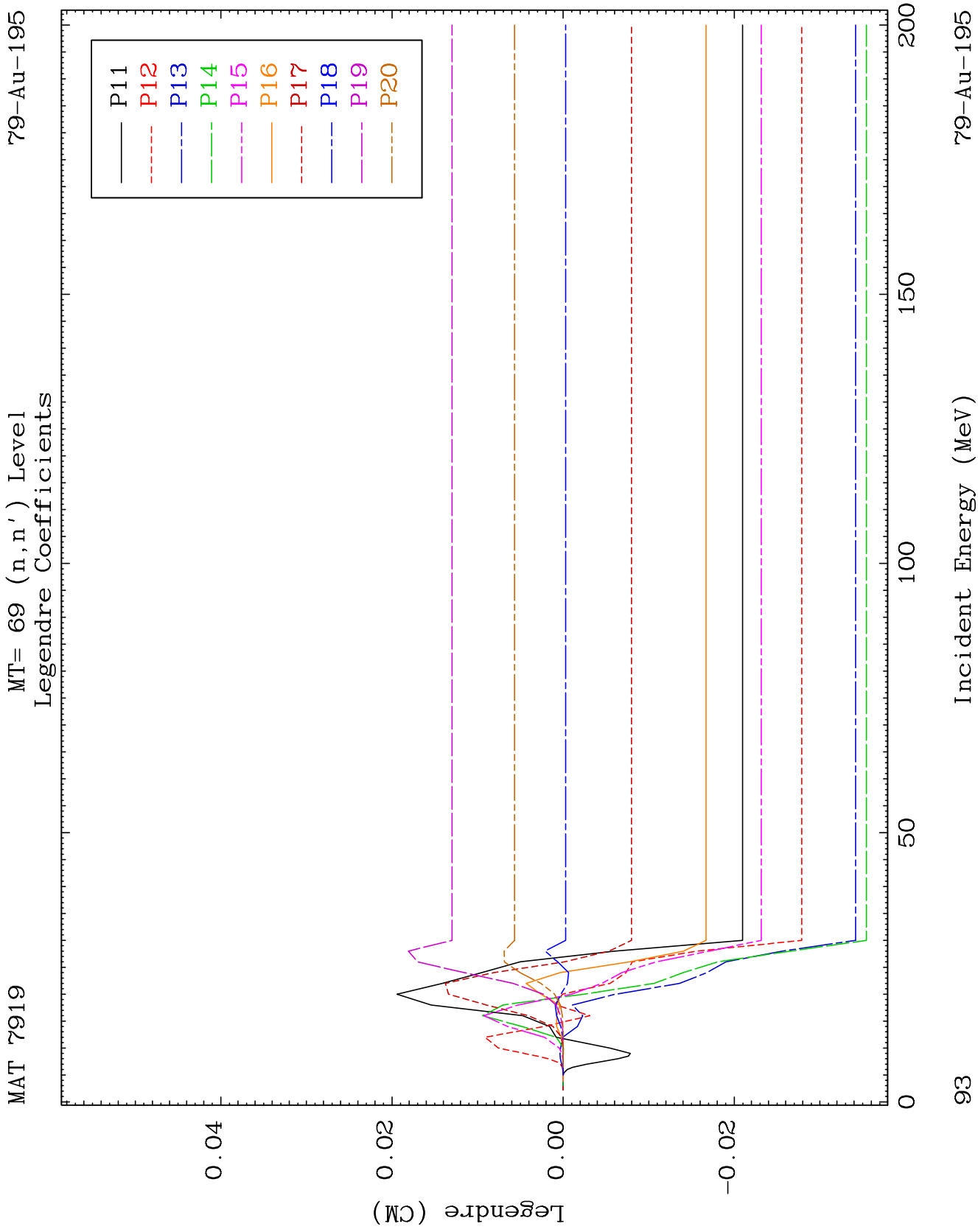


MAT 7919

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

79-Au-195

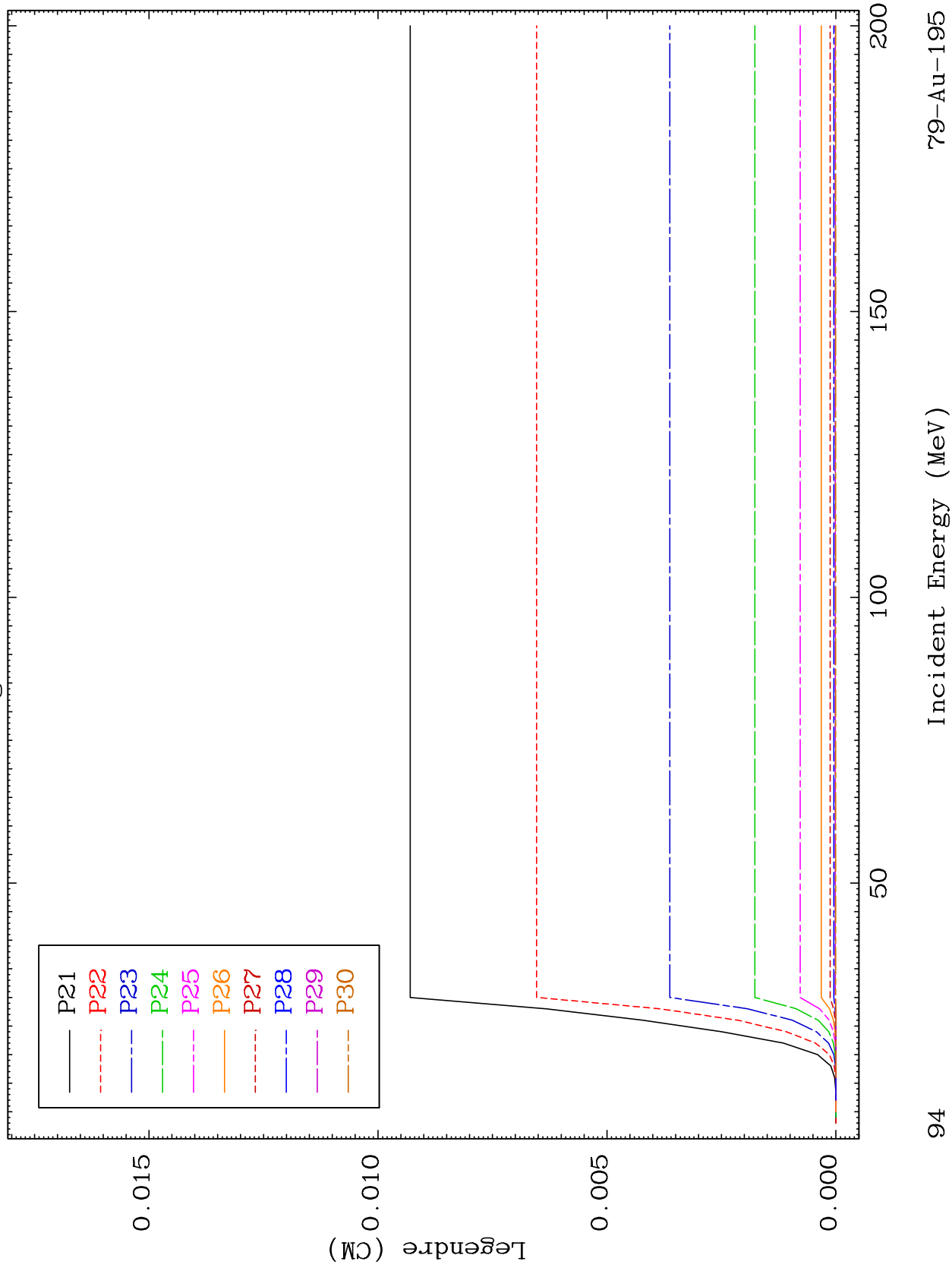


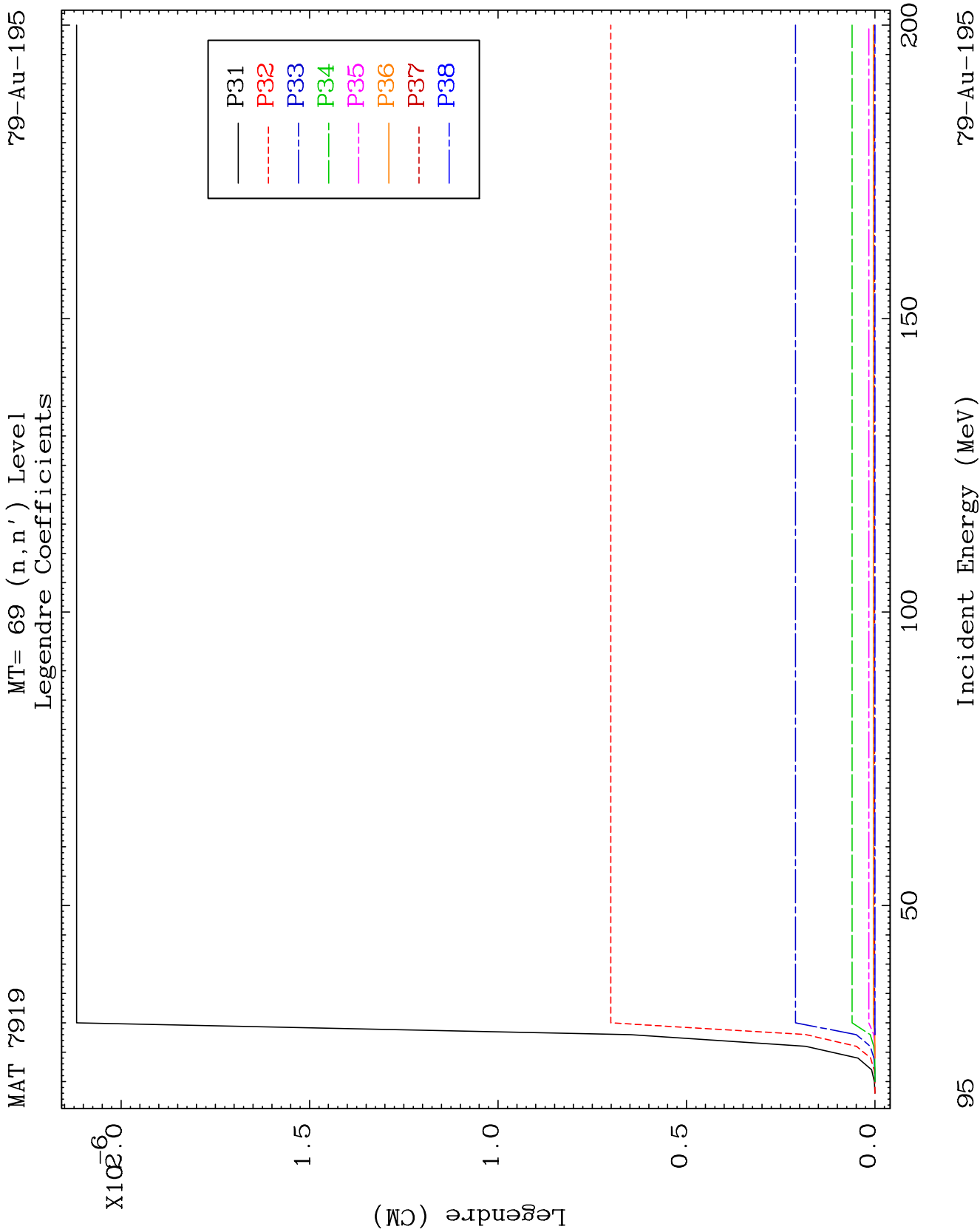


MAT 7919

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

79-Au-195

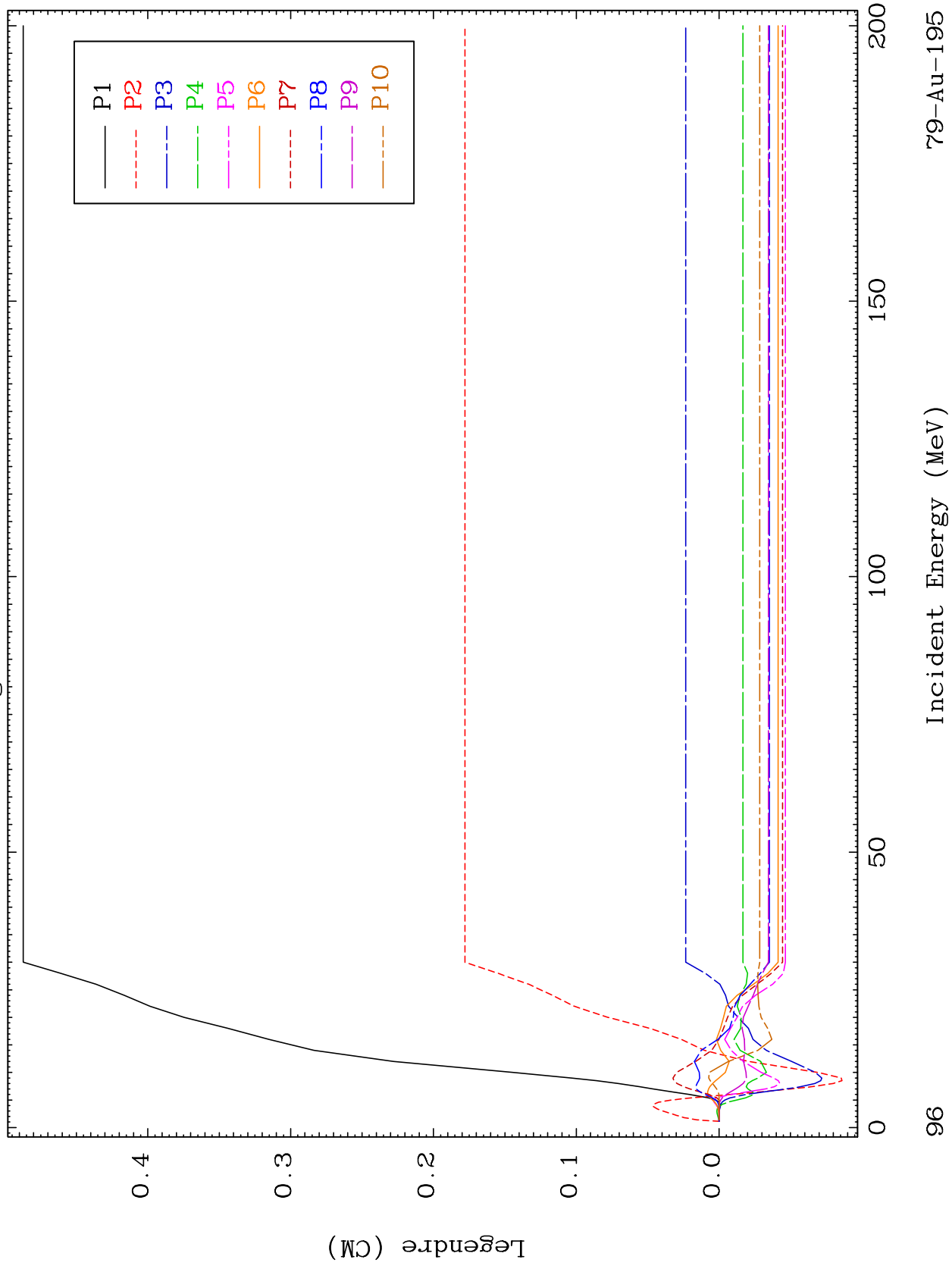


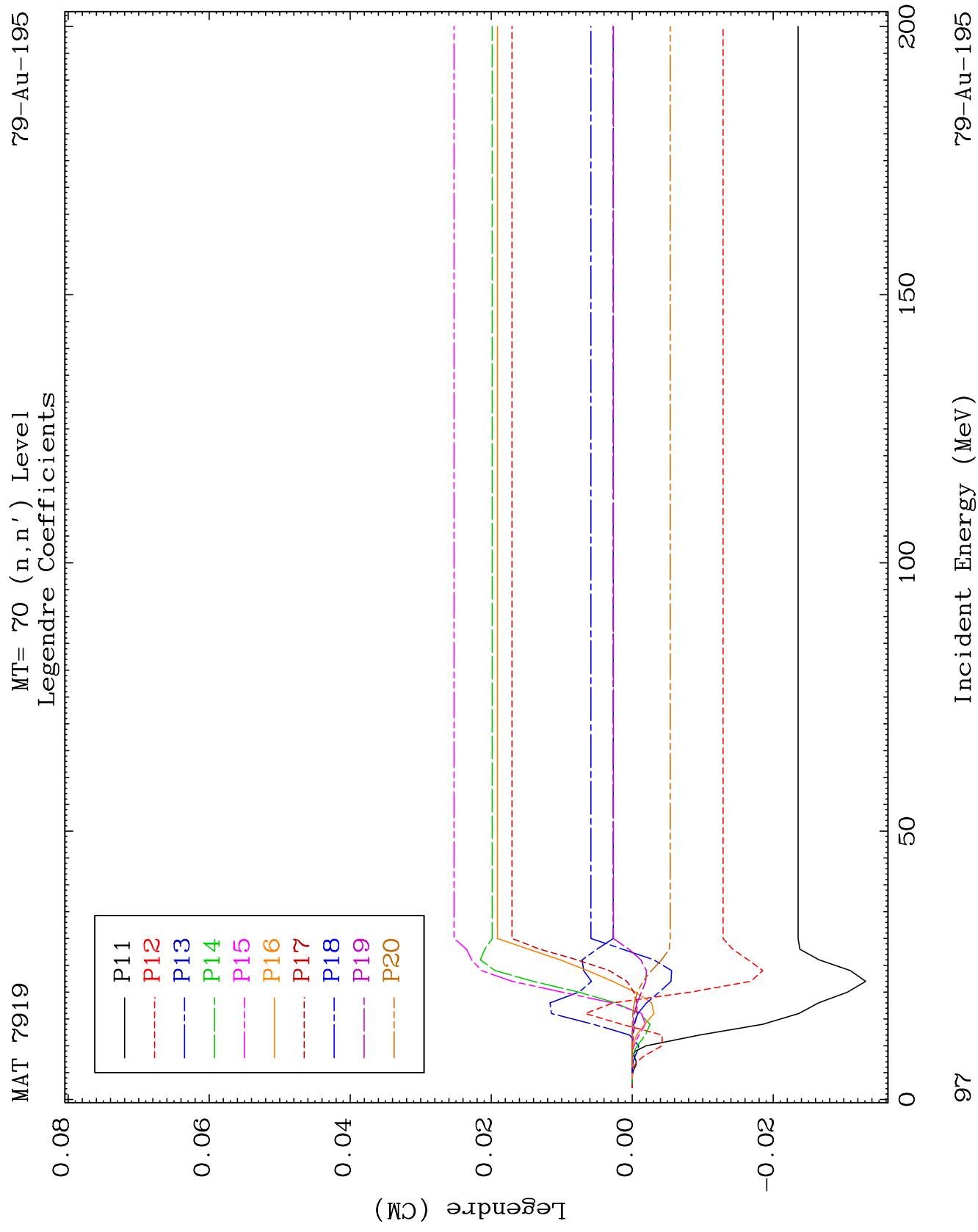


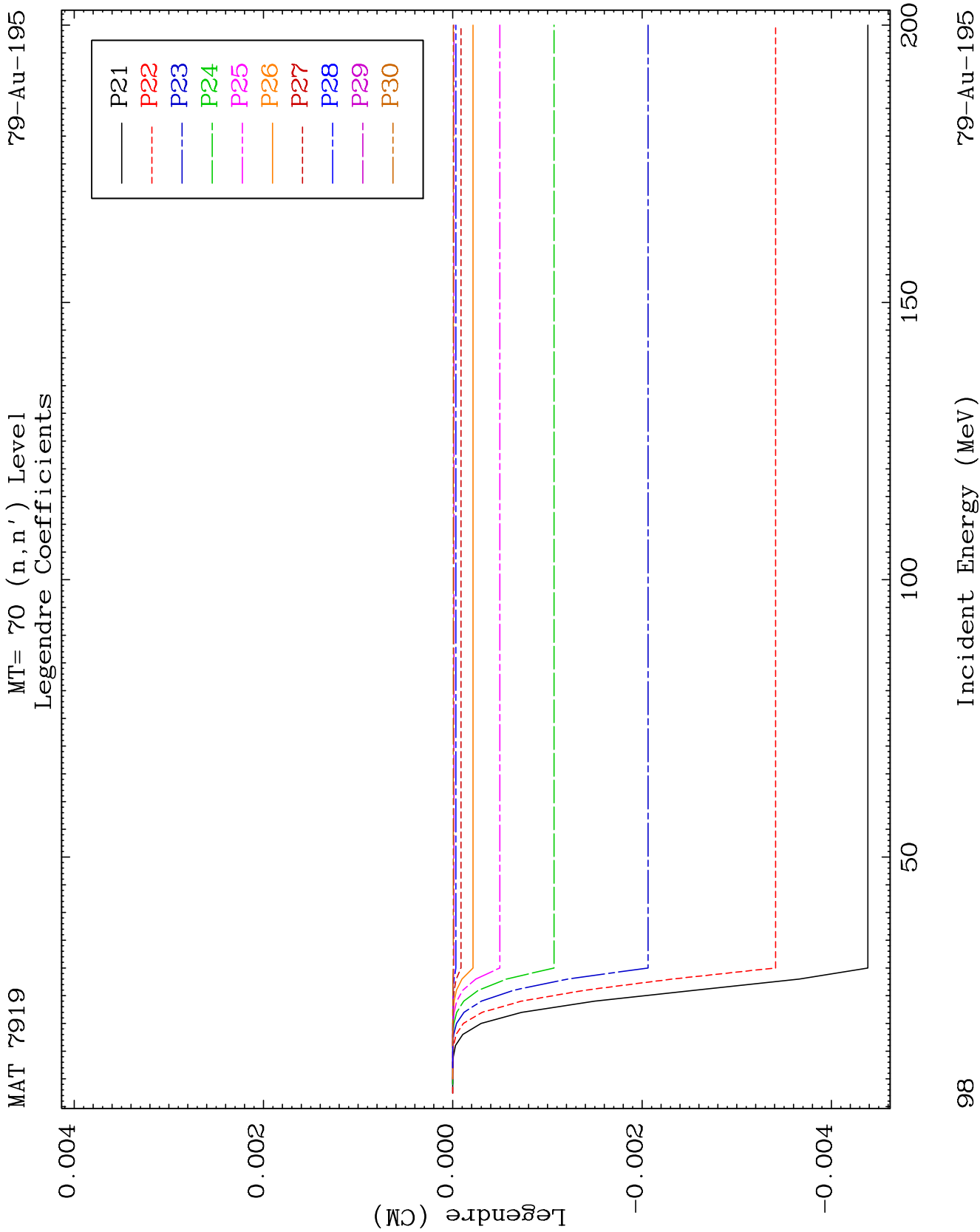
MAT 7919

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

79-Au-195



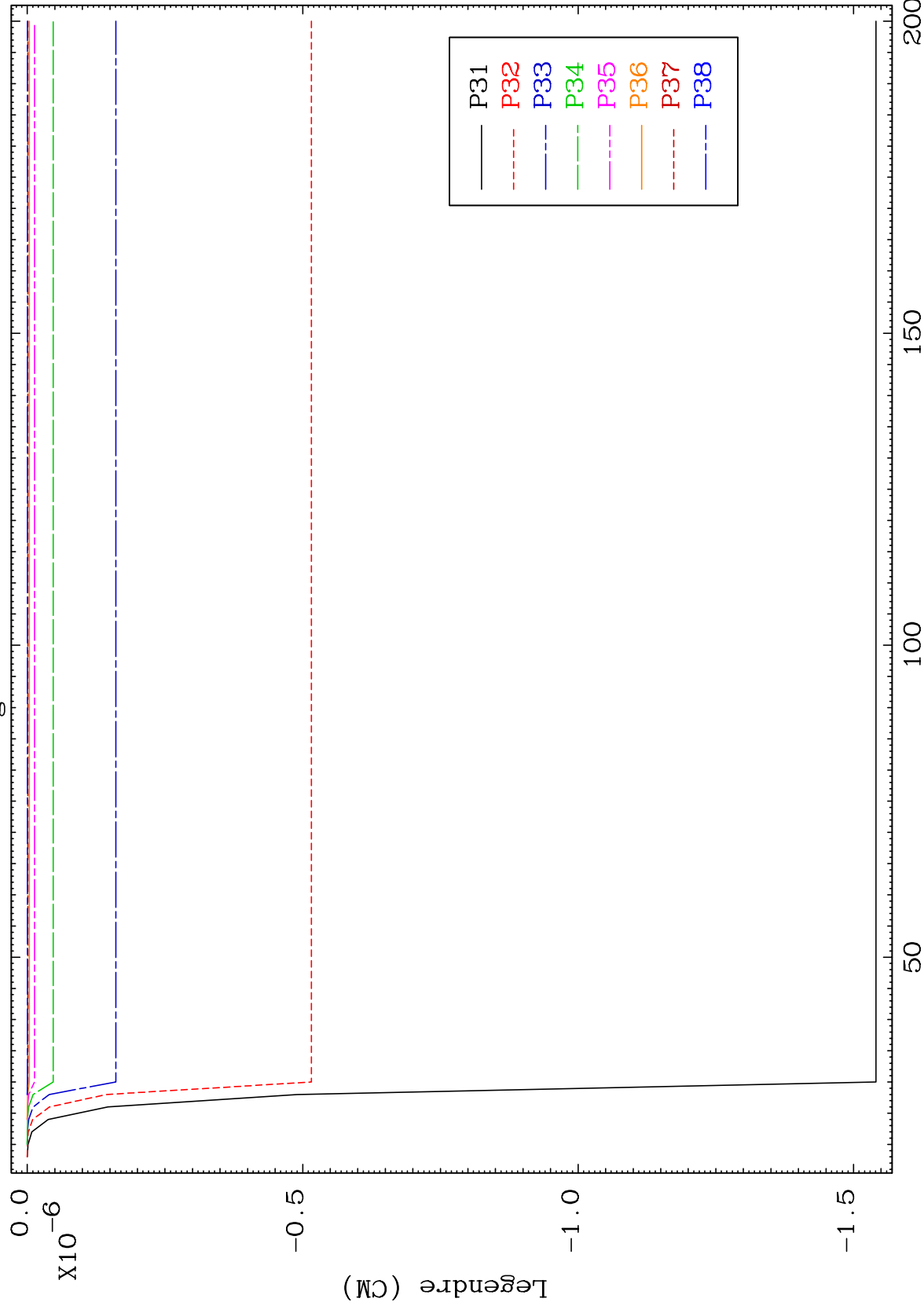




MAT 7919

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

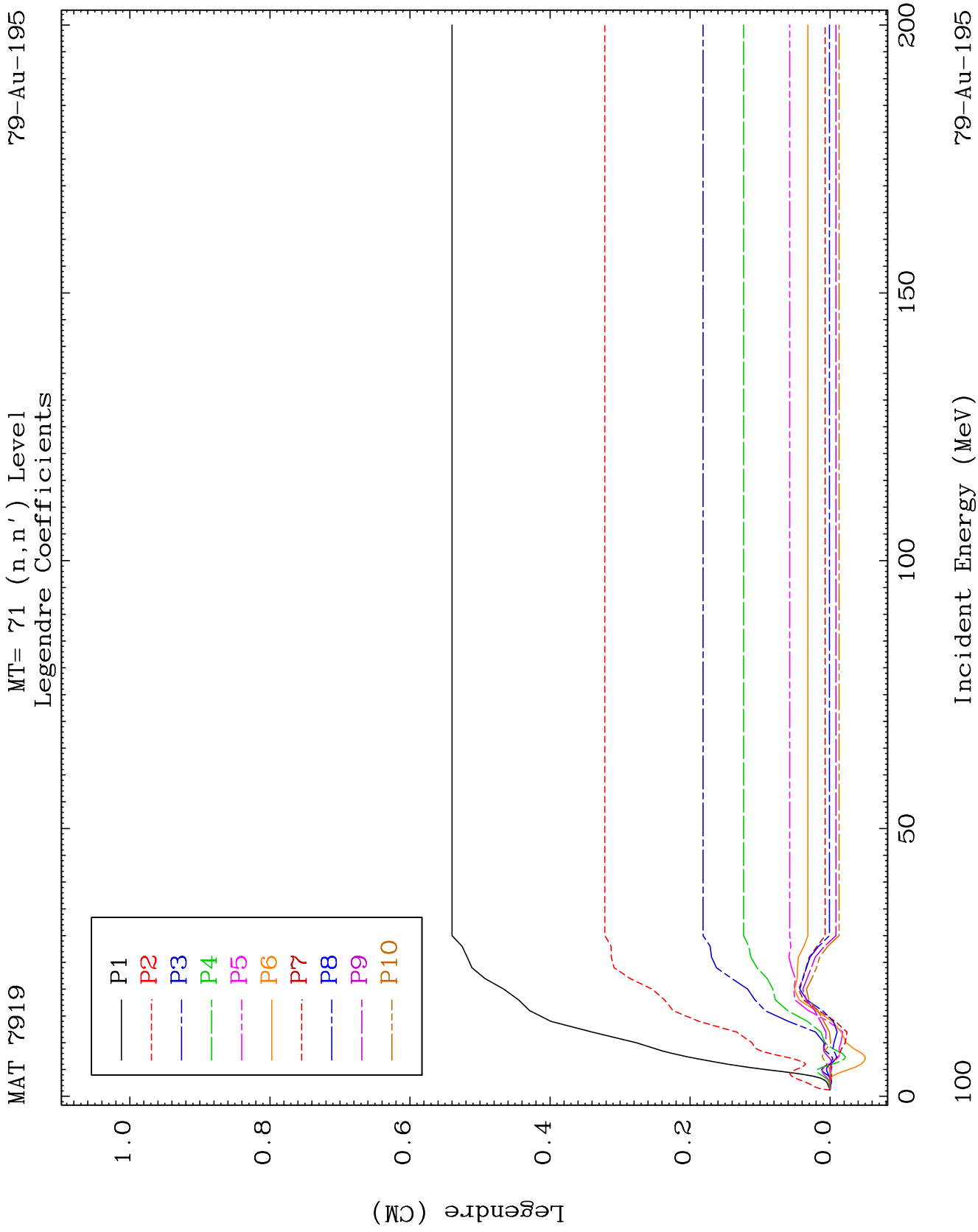
79-Au-195

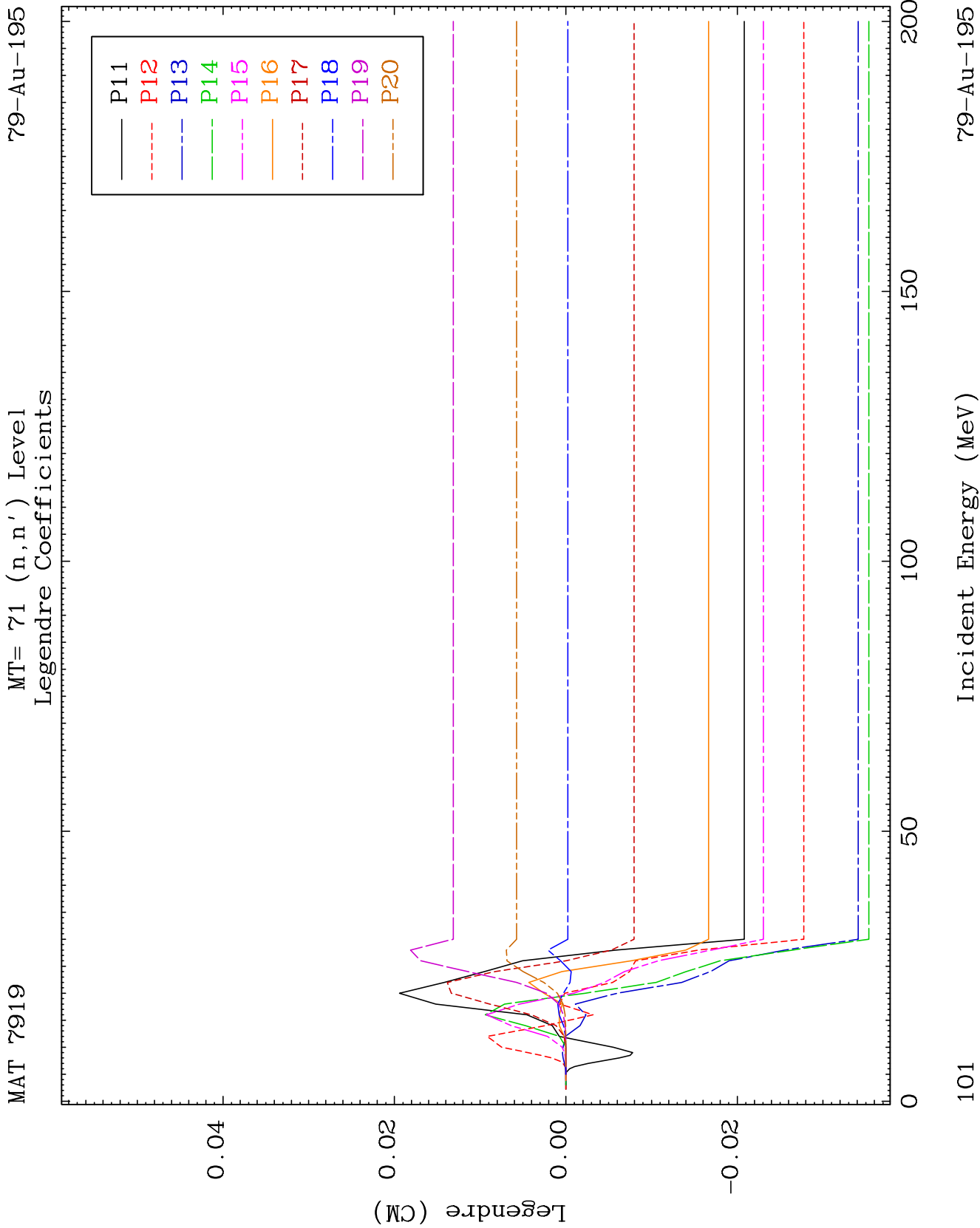


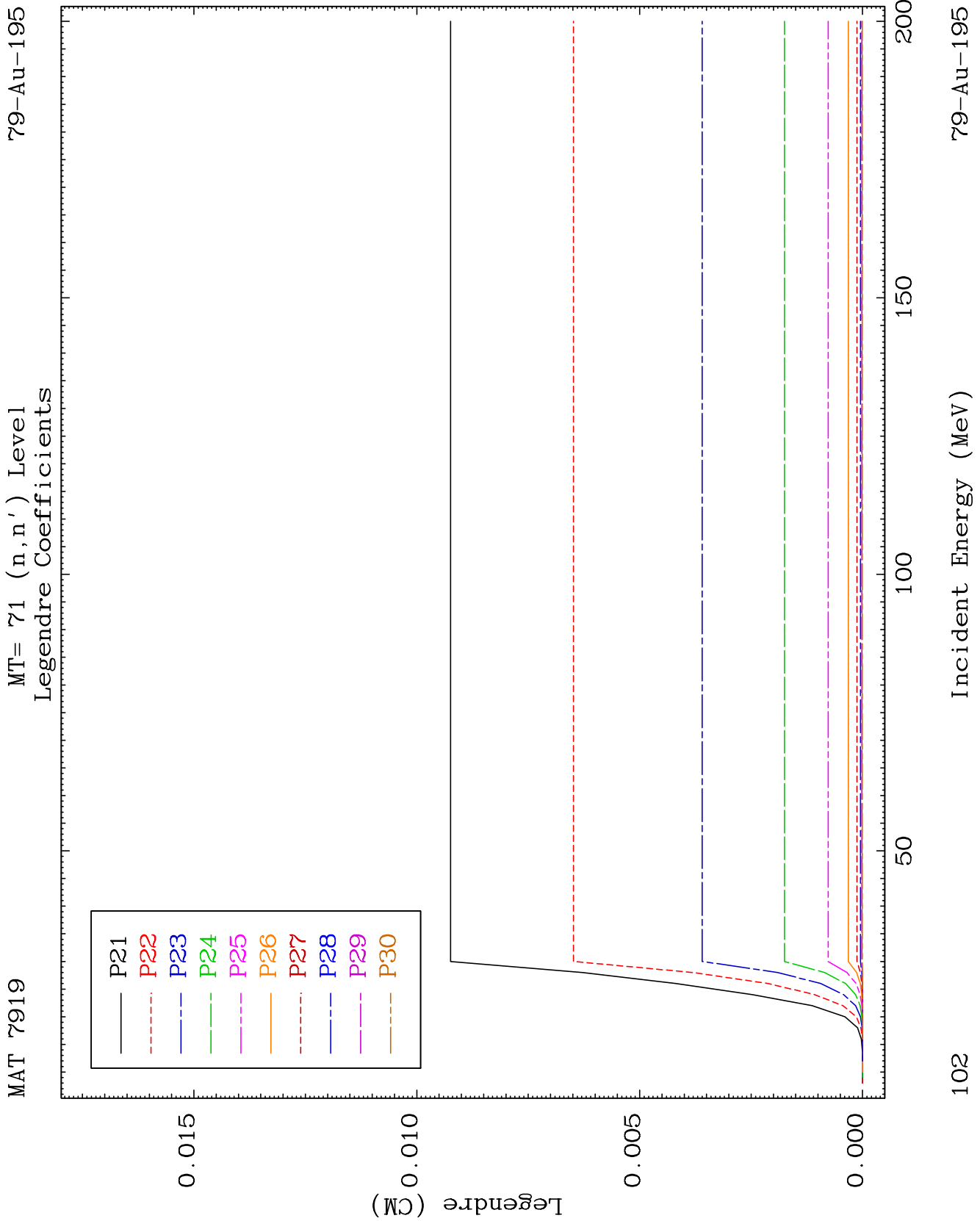
99

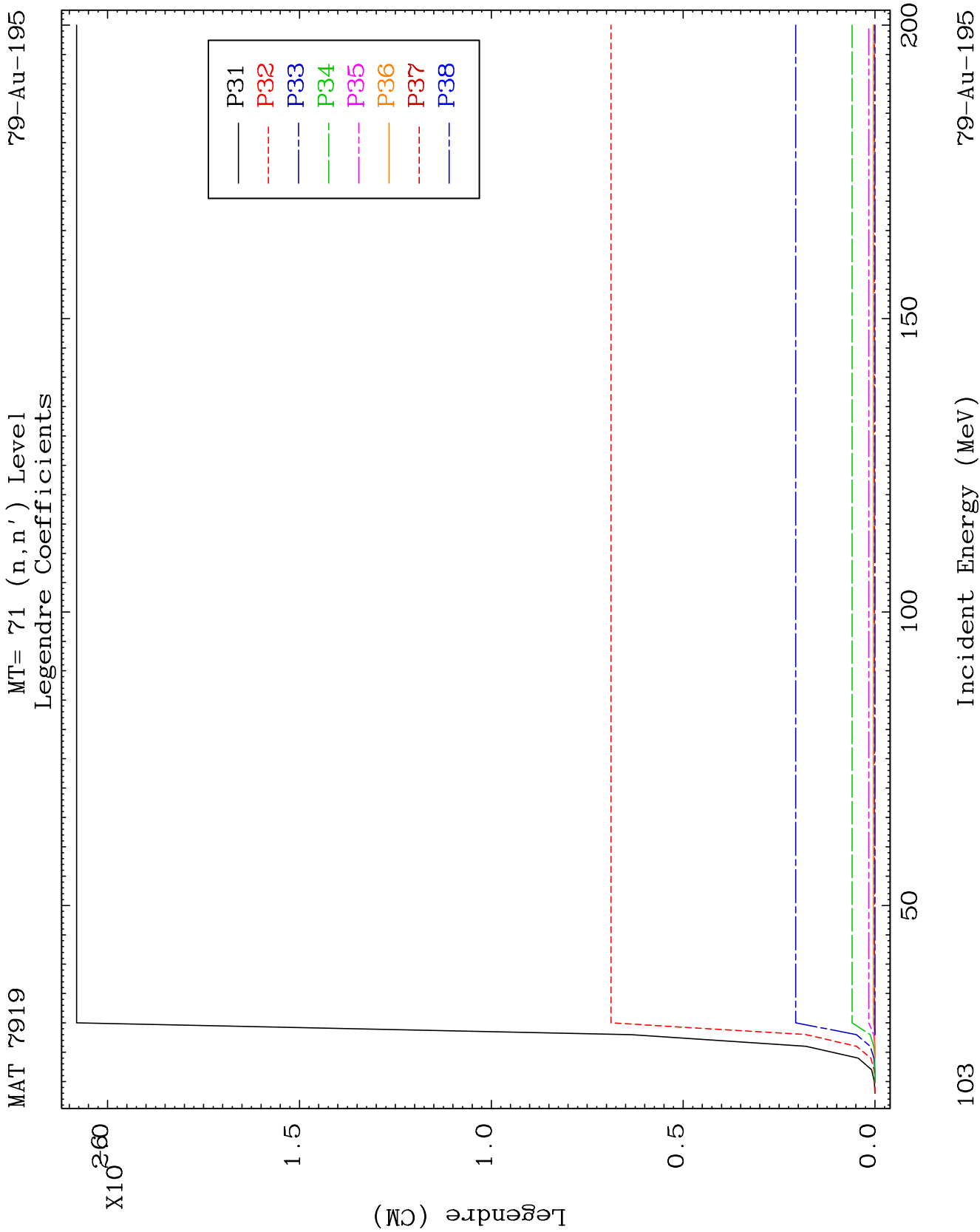
Incident Energy (MeV)

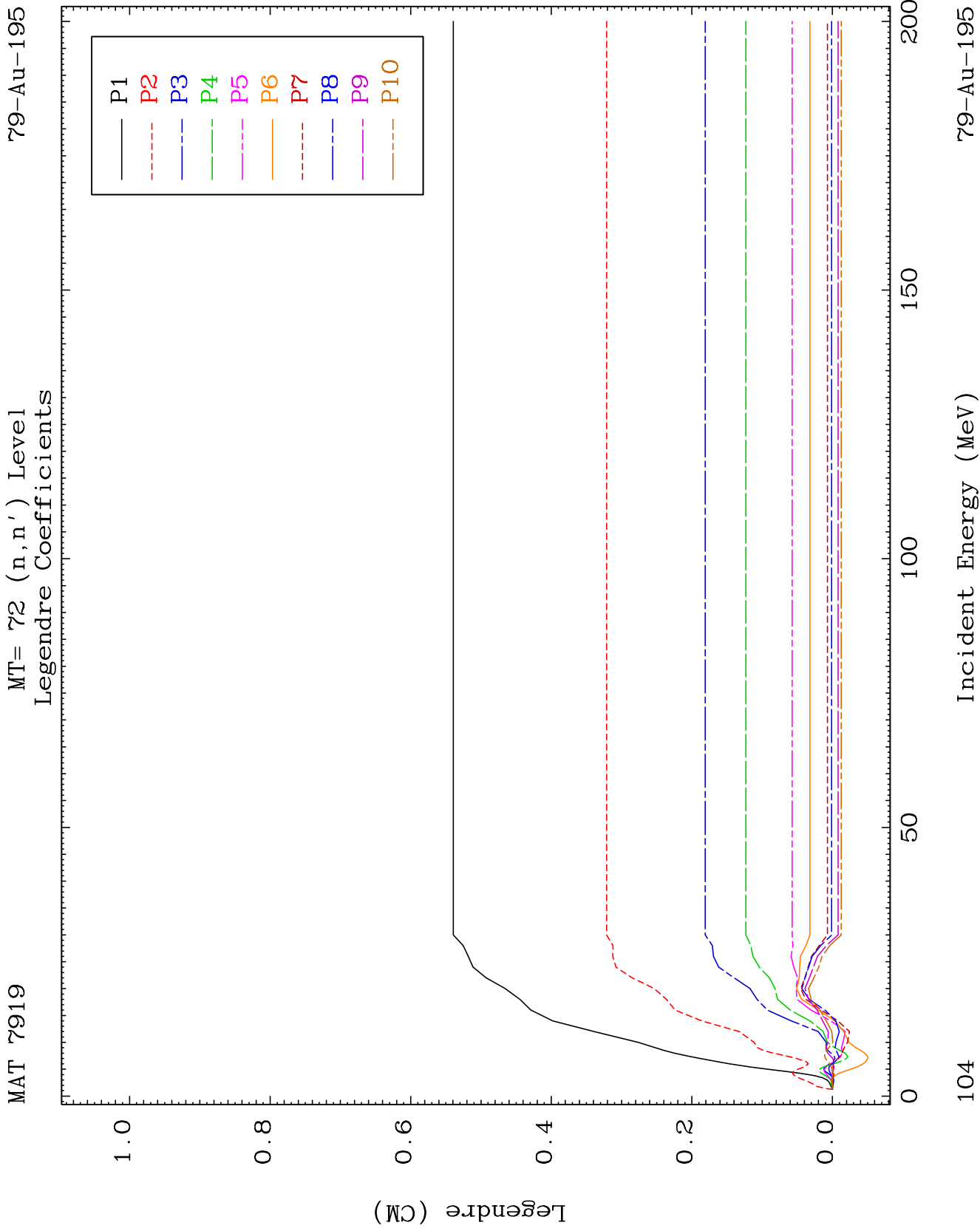
79-Au-195

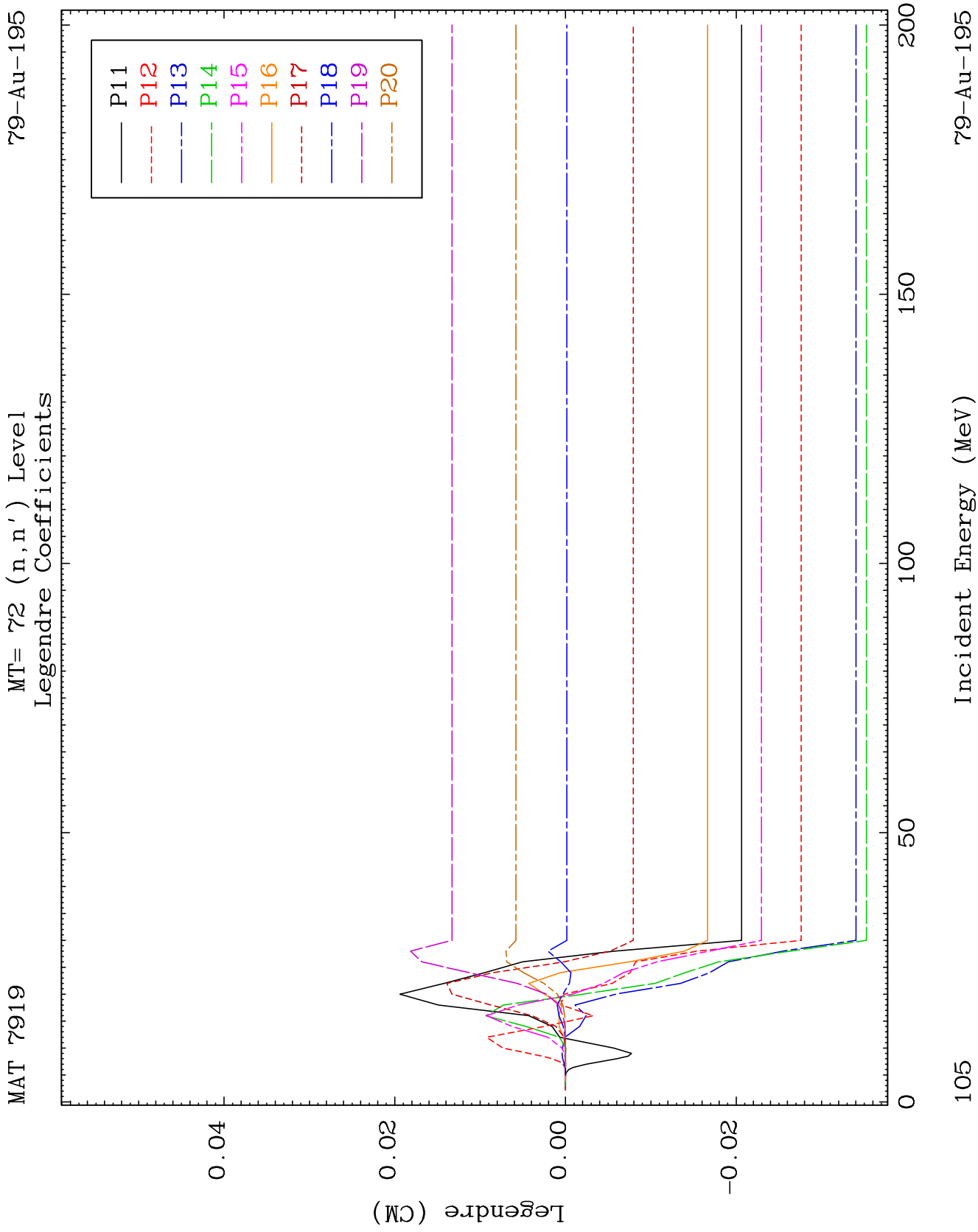








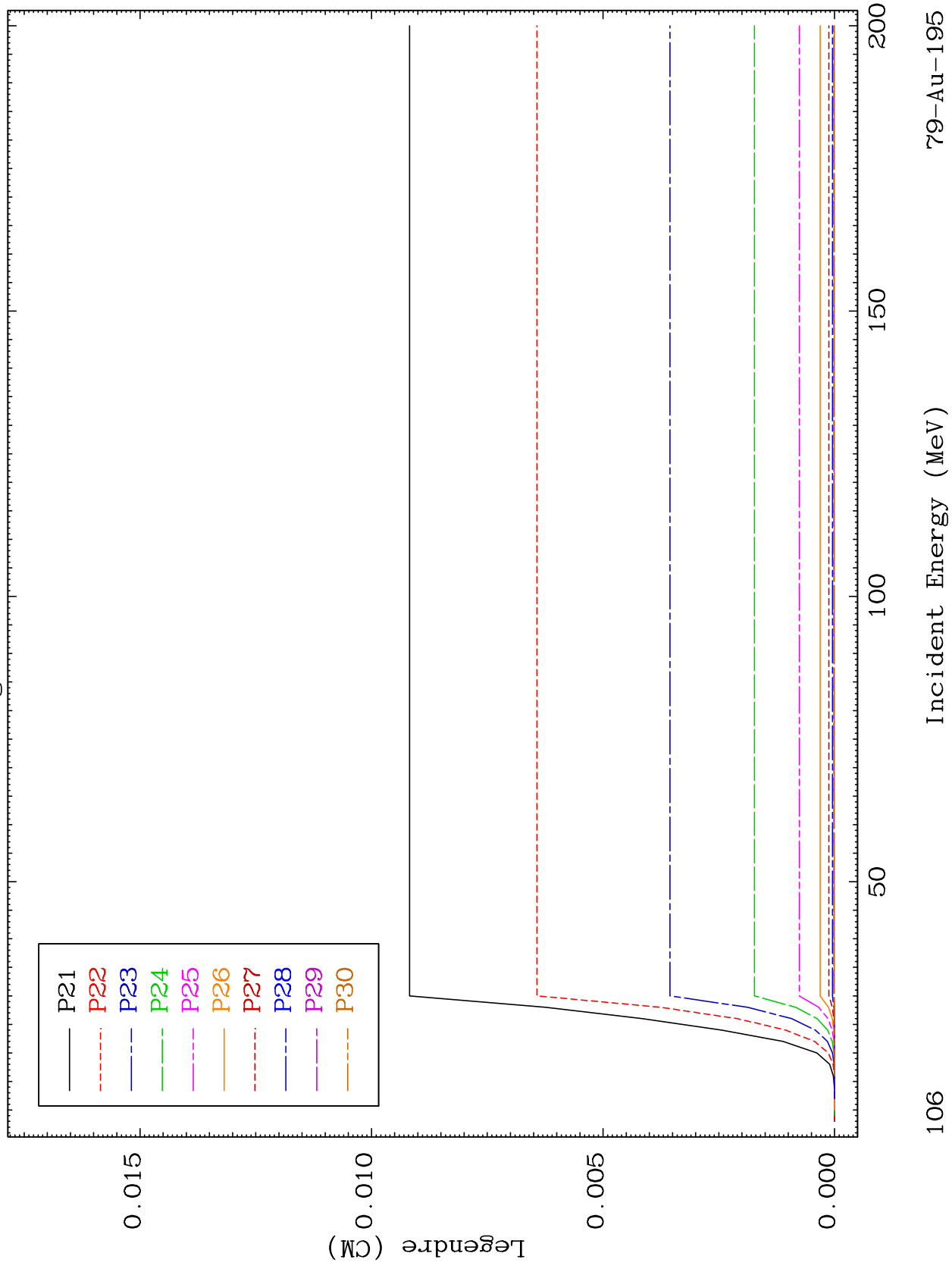




MAT 7919

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

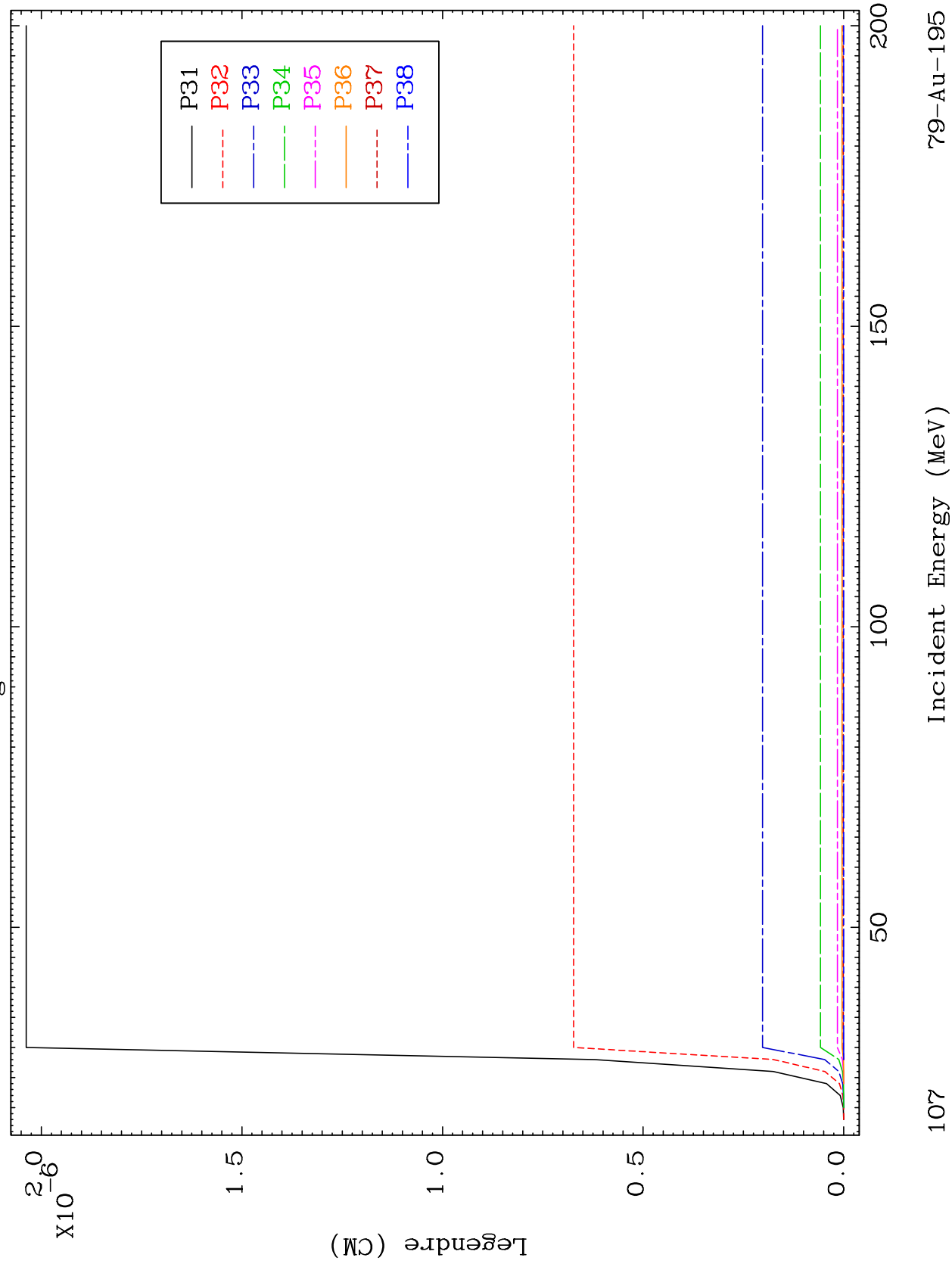
79-Au-195

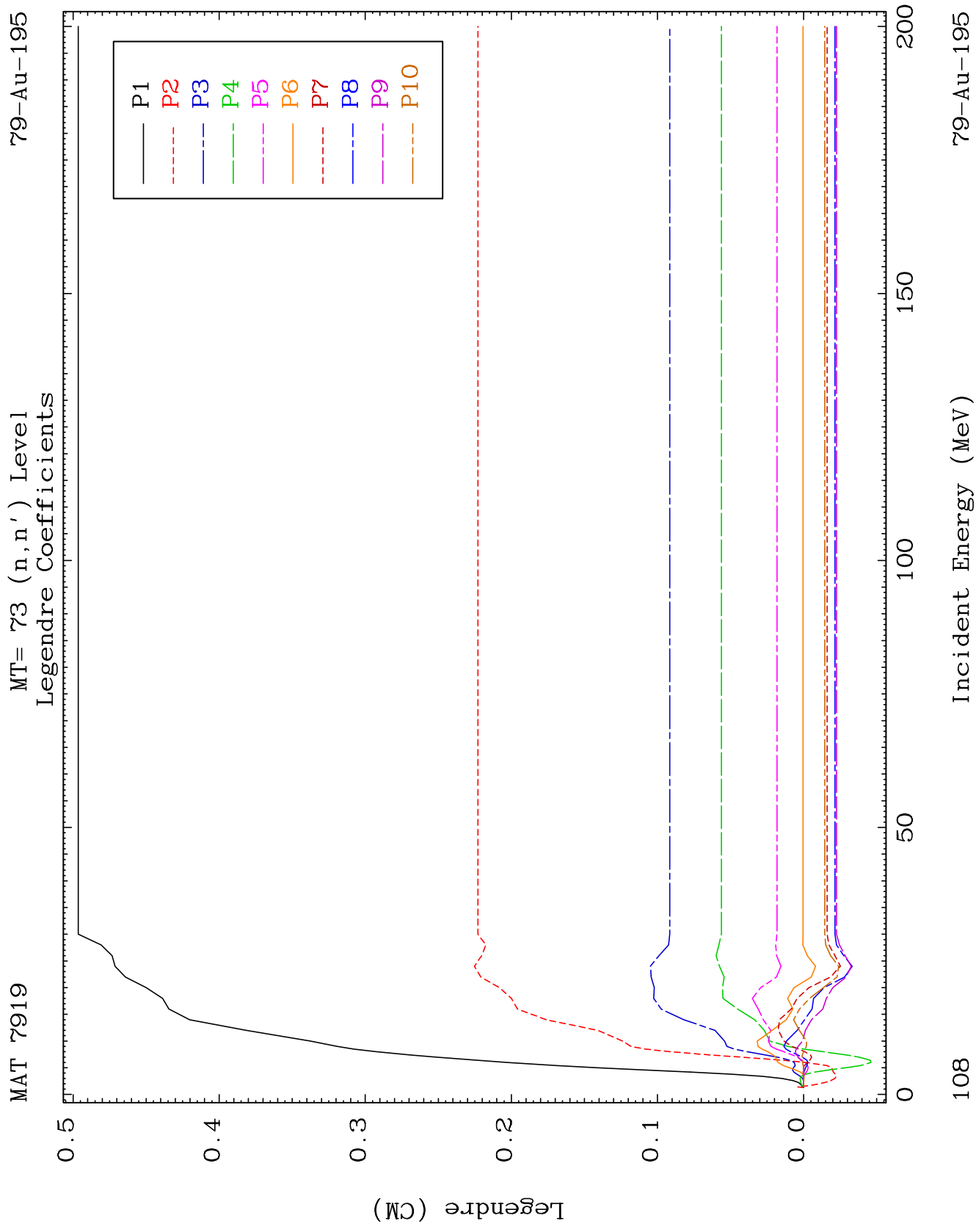


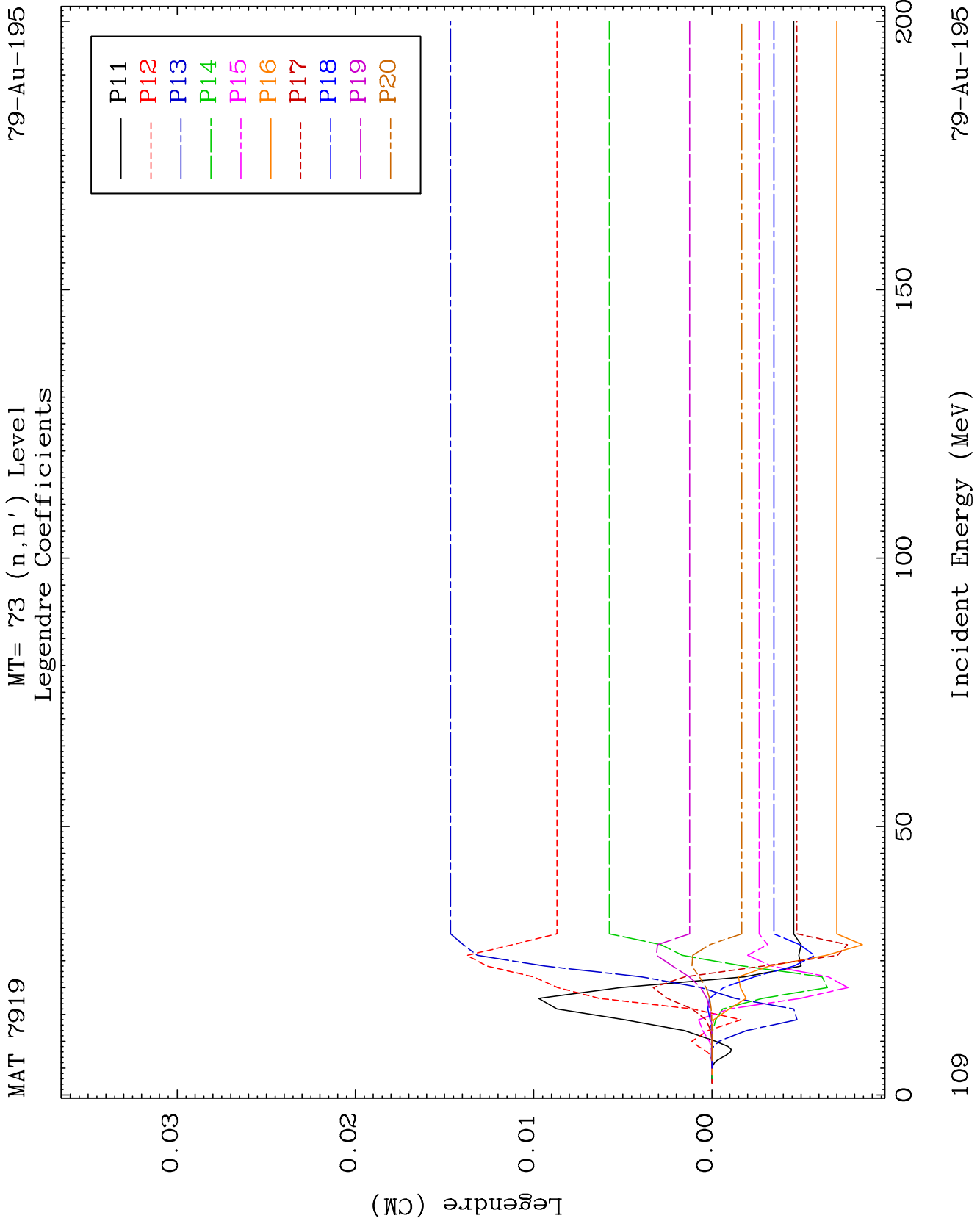
MAT 7919

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

79-Au-195



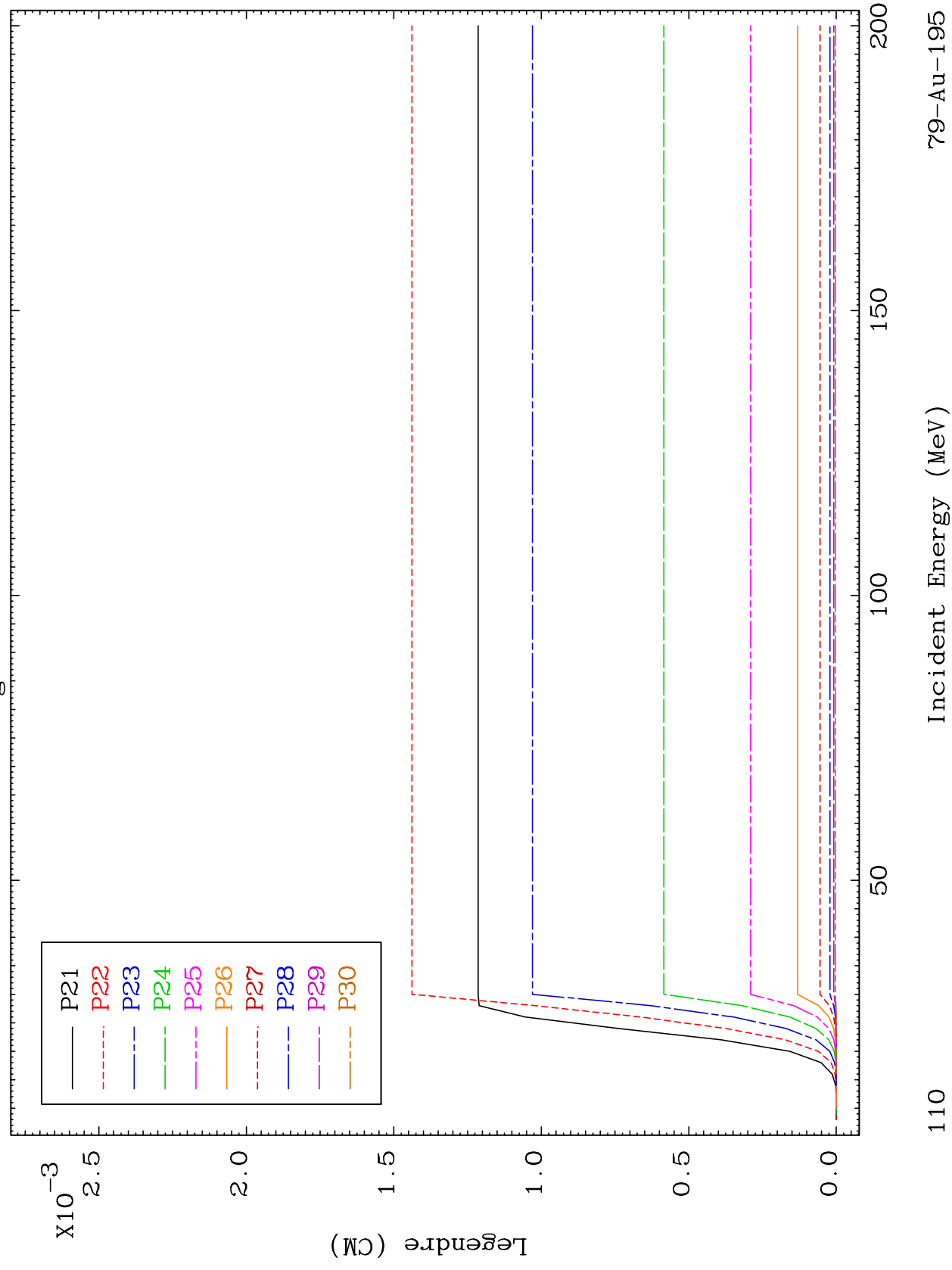




MAT 7919

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

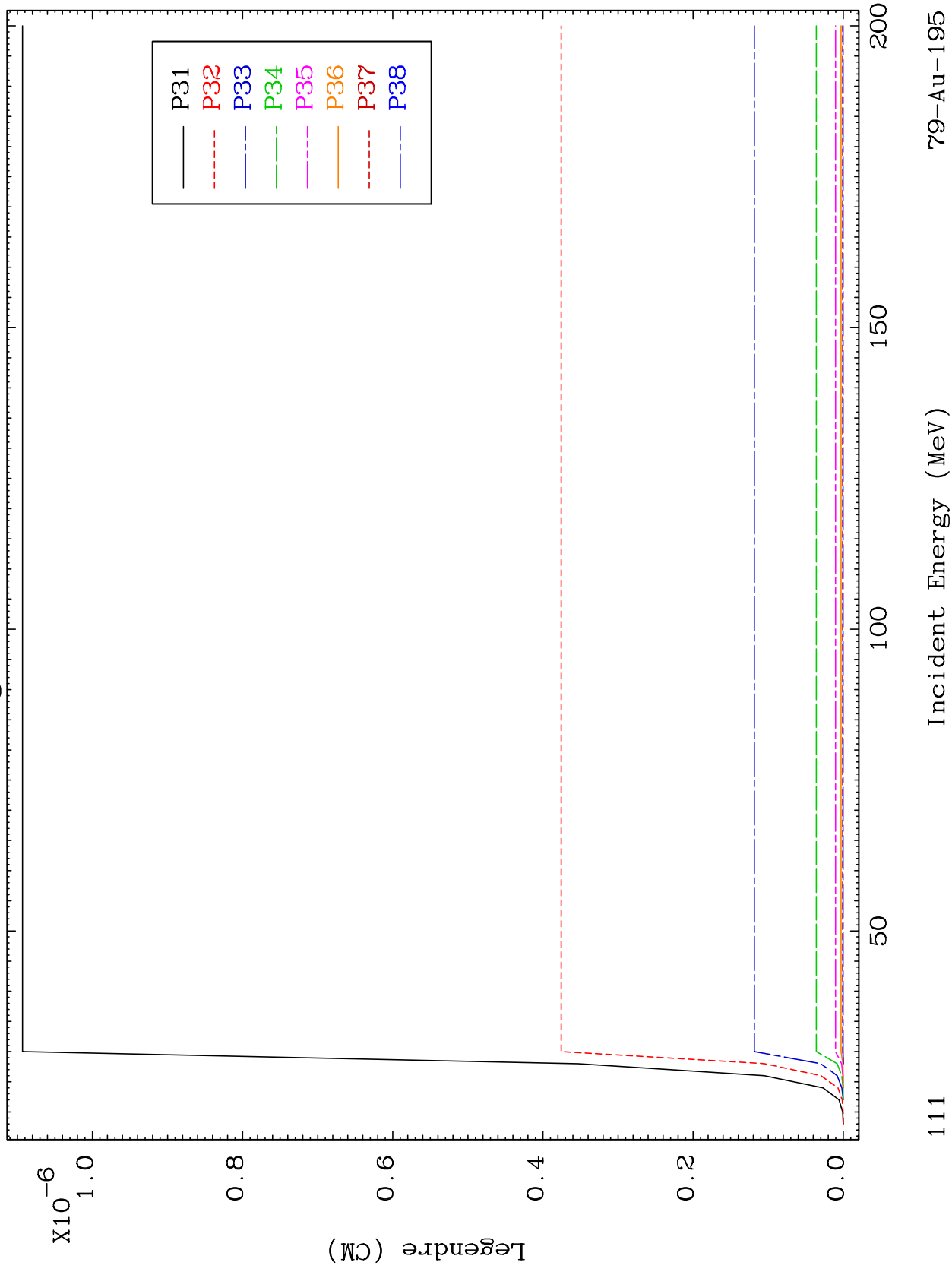
79-Au-195



MAT 7919

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

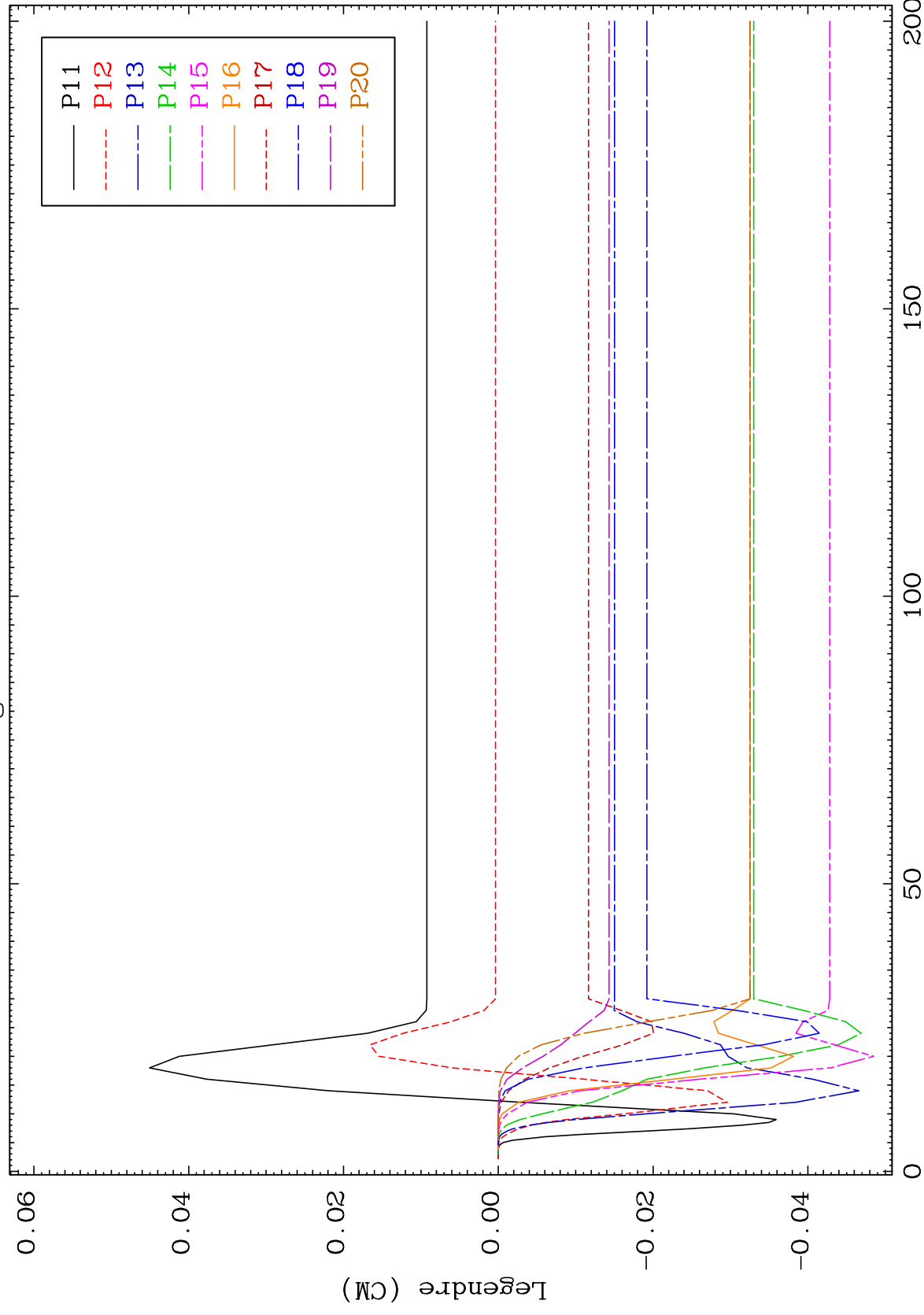
79-Au-195



MAT 7919

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

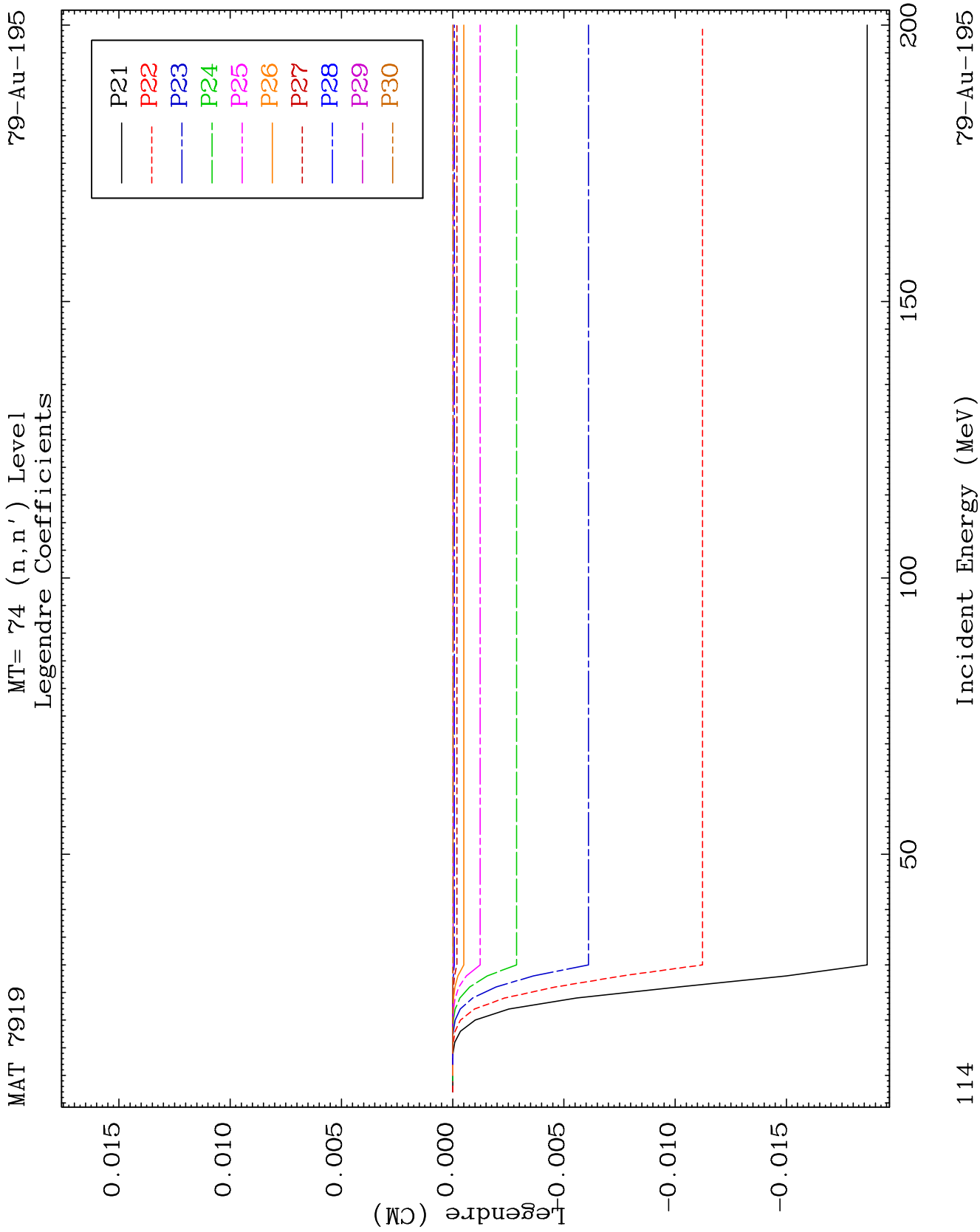
79-Au-195

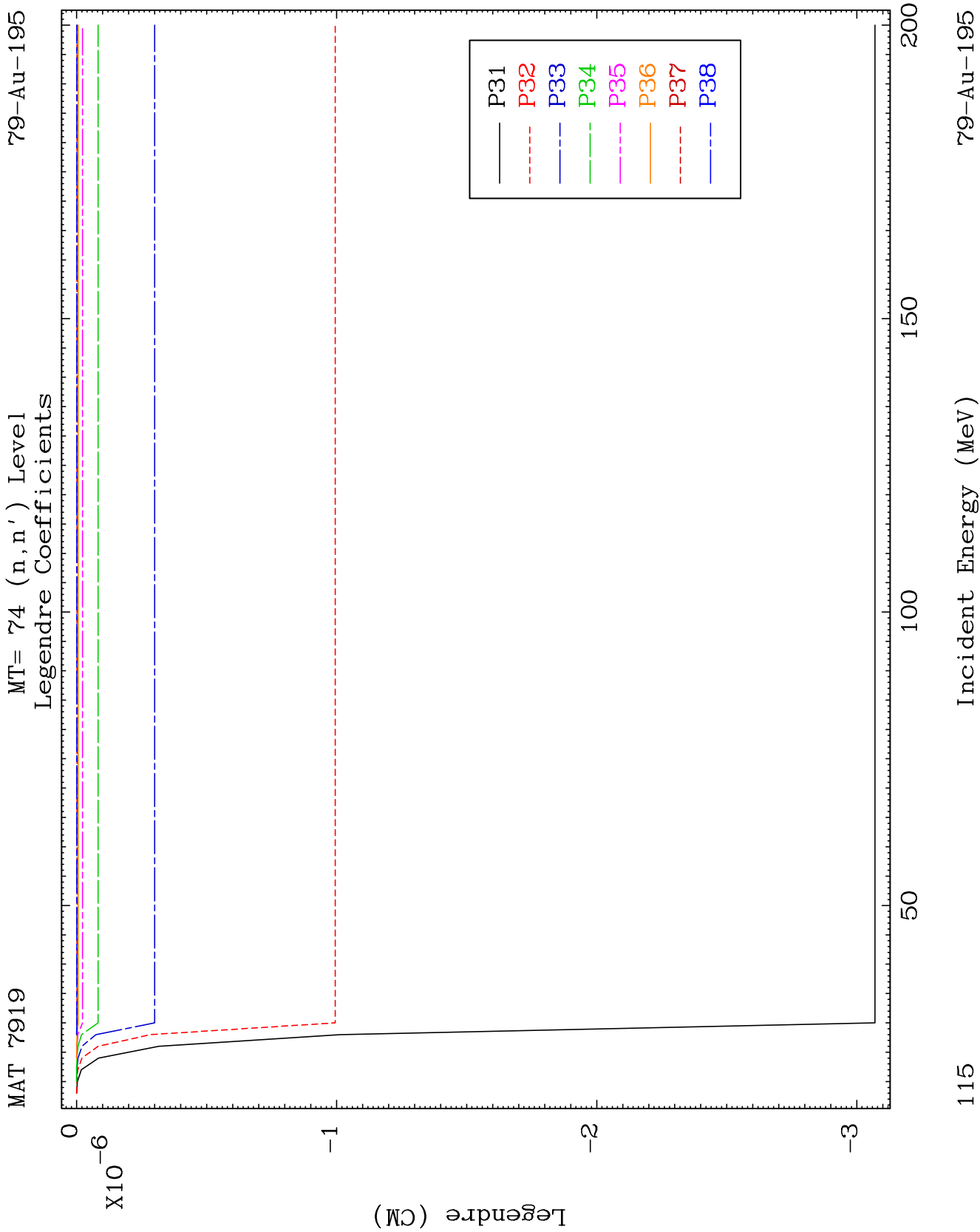


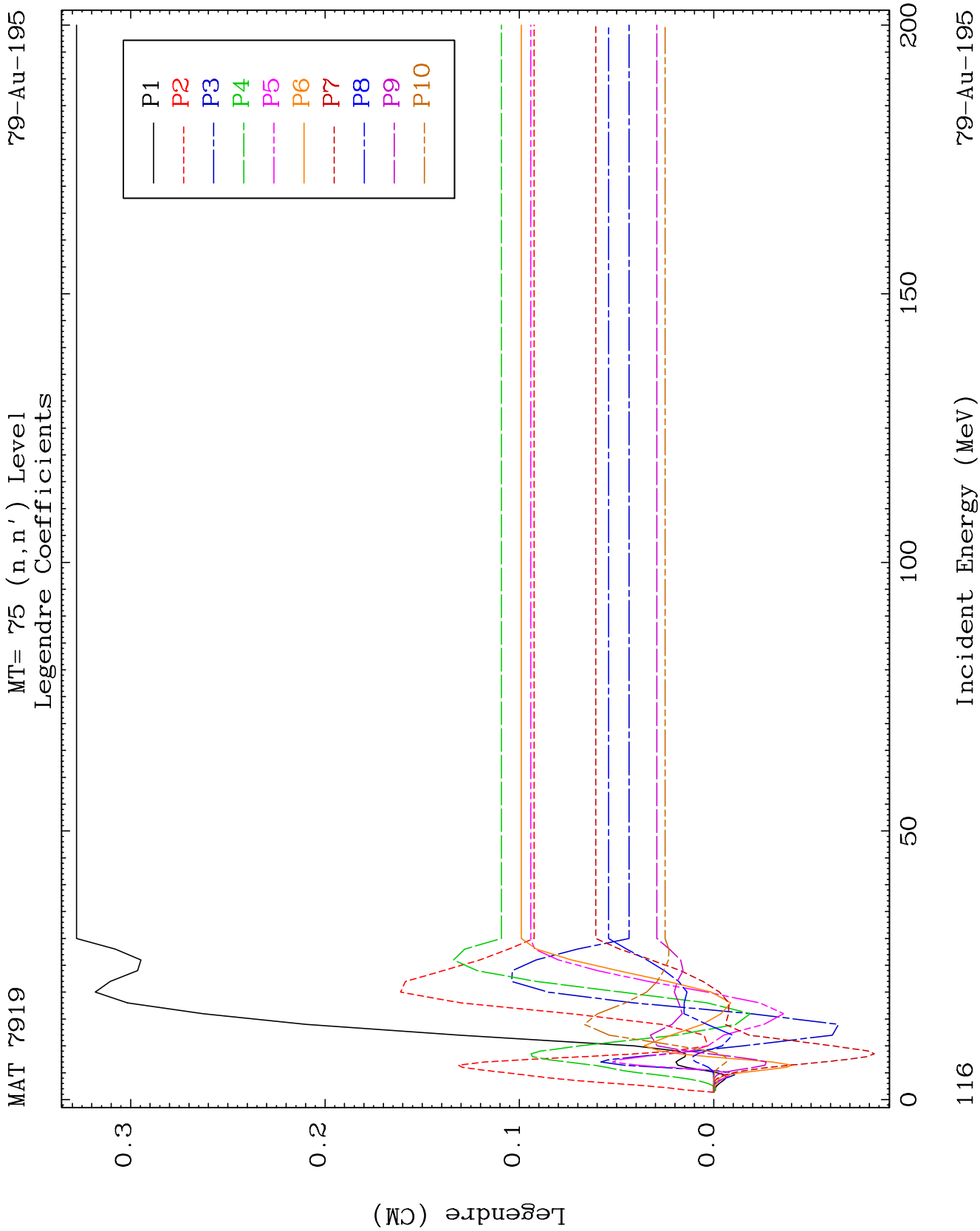
113

Incident Energy (MeV)

79-Au-195



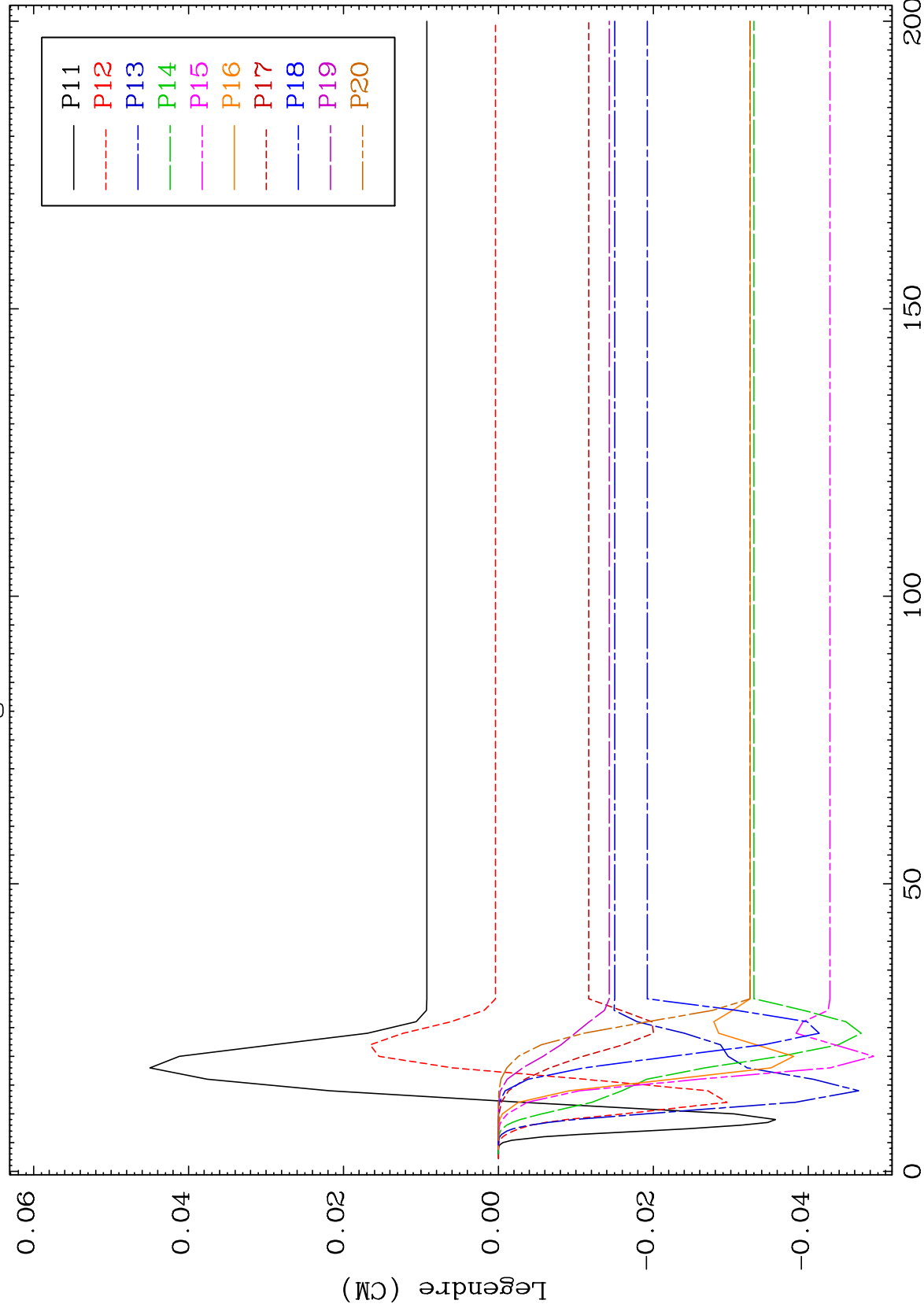




MAT 7919

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

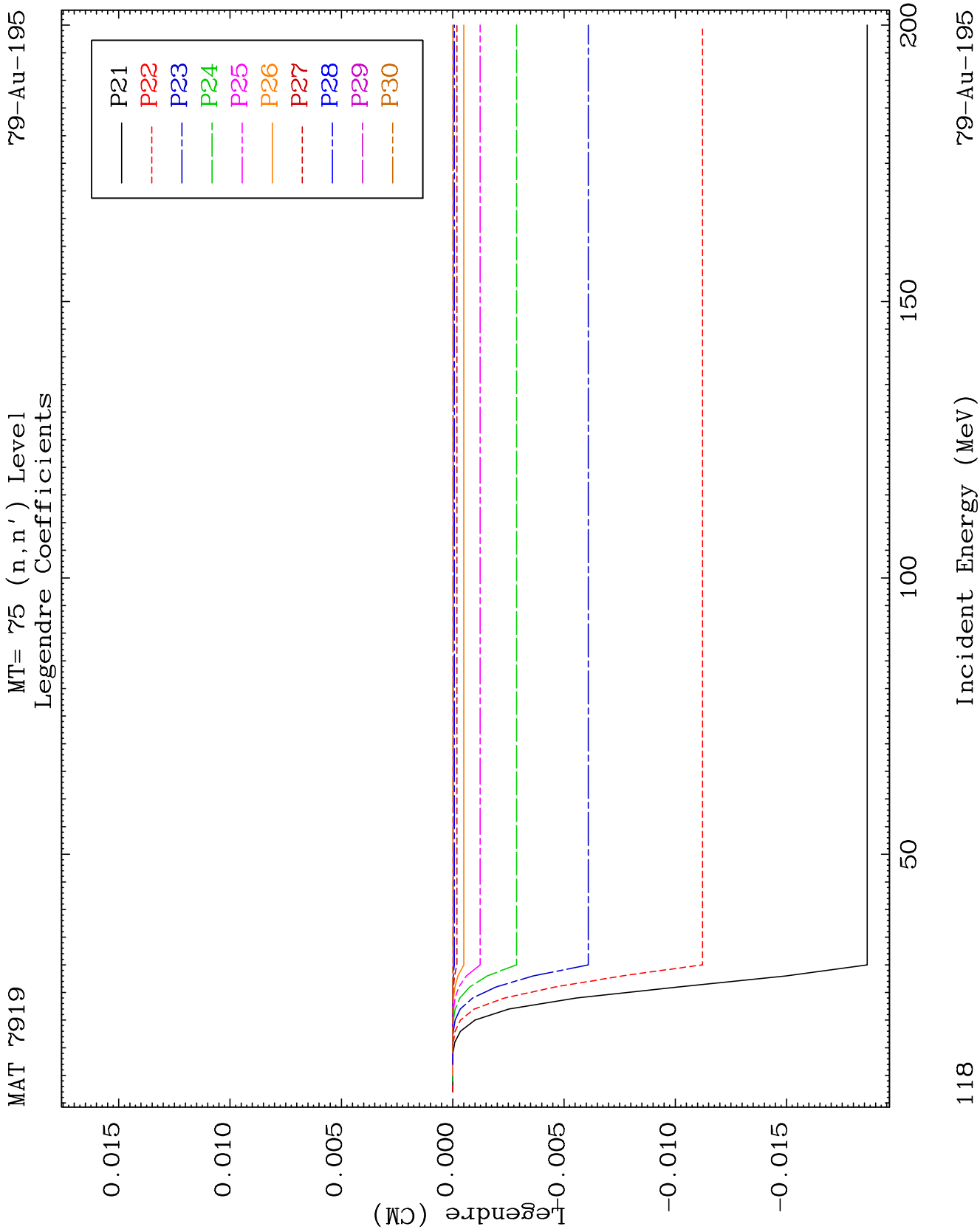
79-Au-195

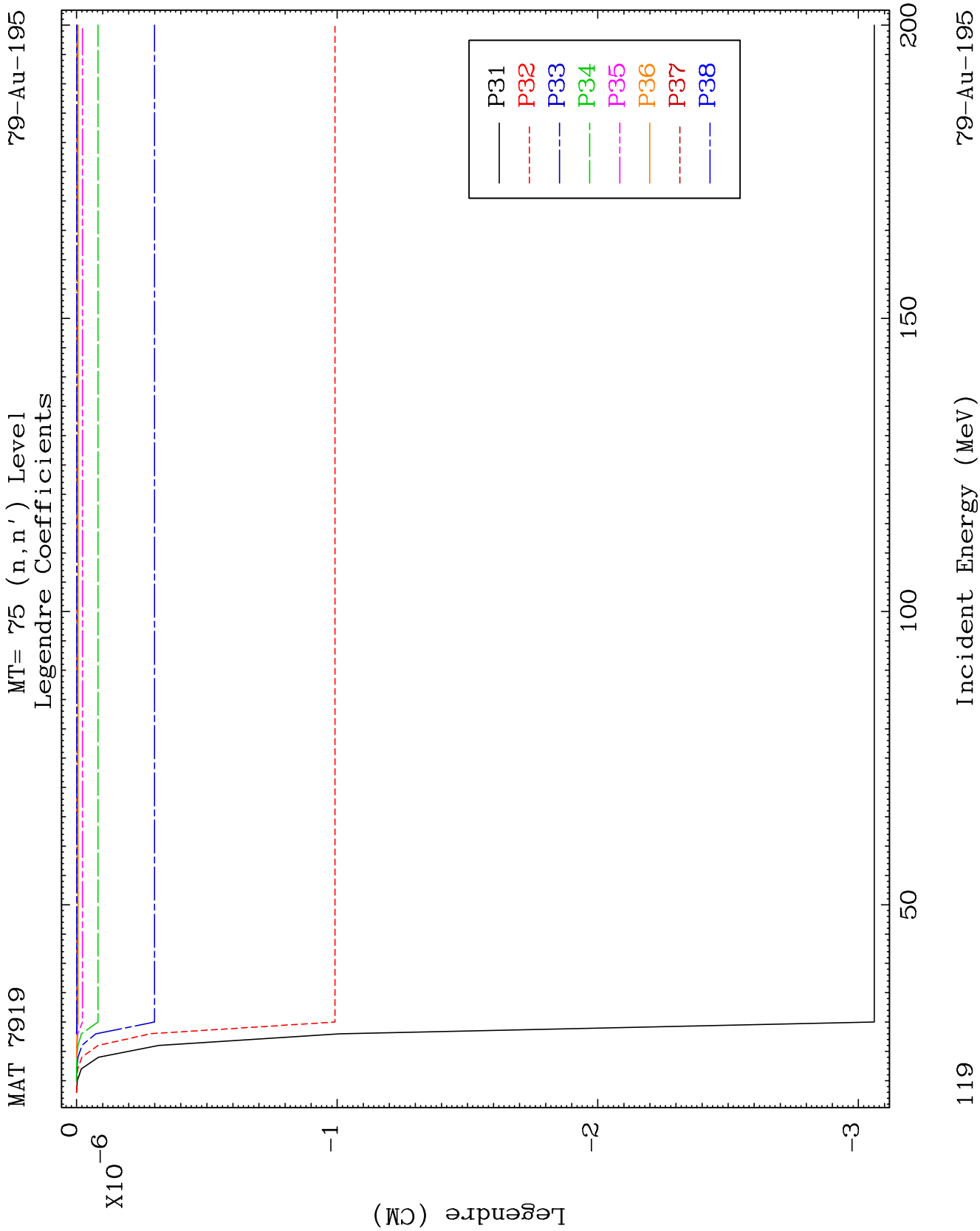


117

Incident Energy (MeV)

79-Au-195

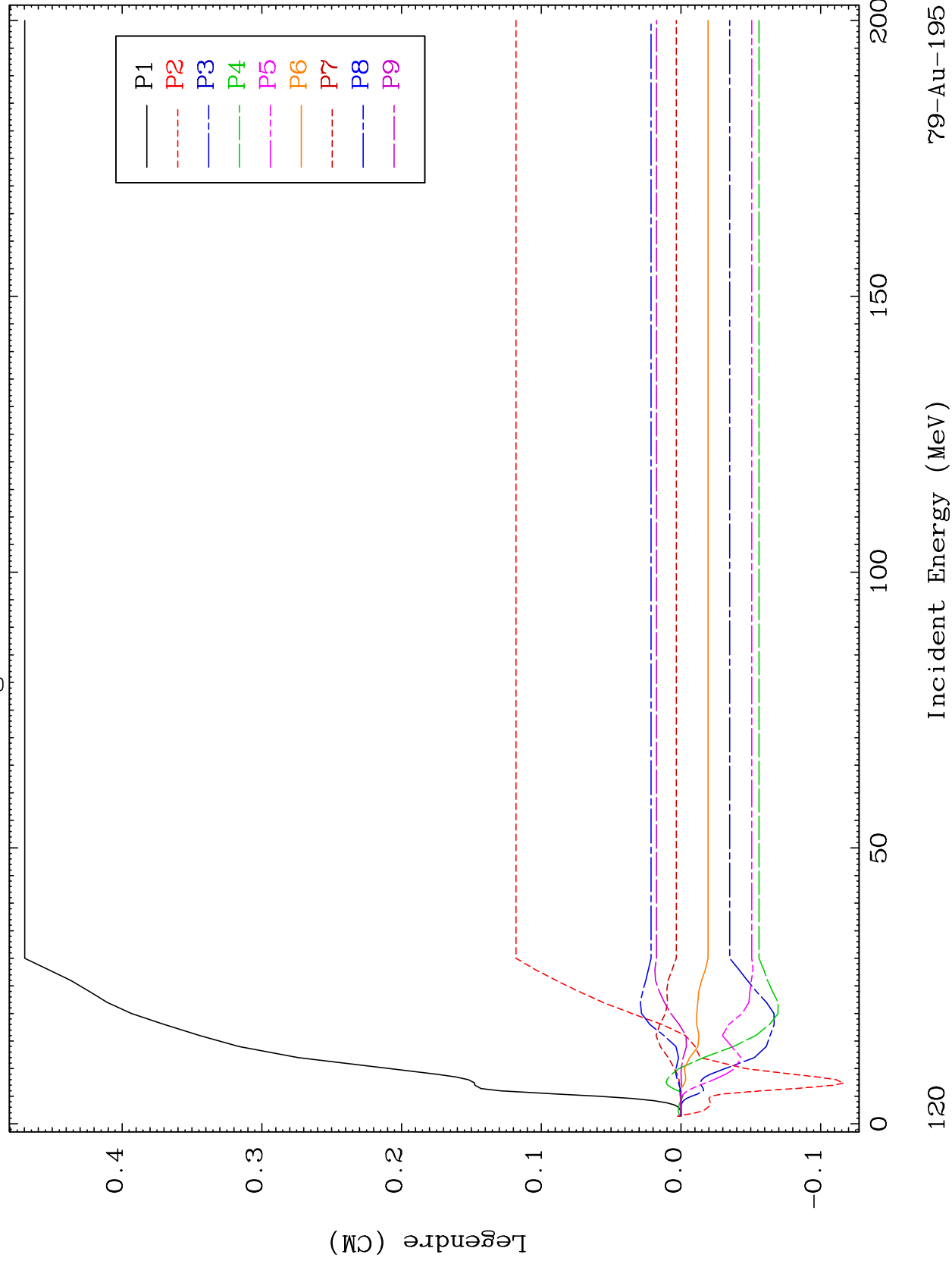


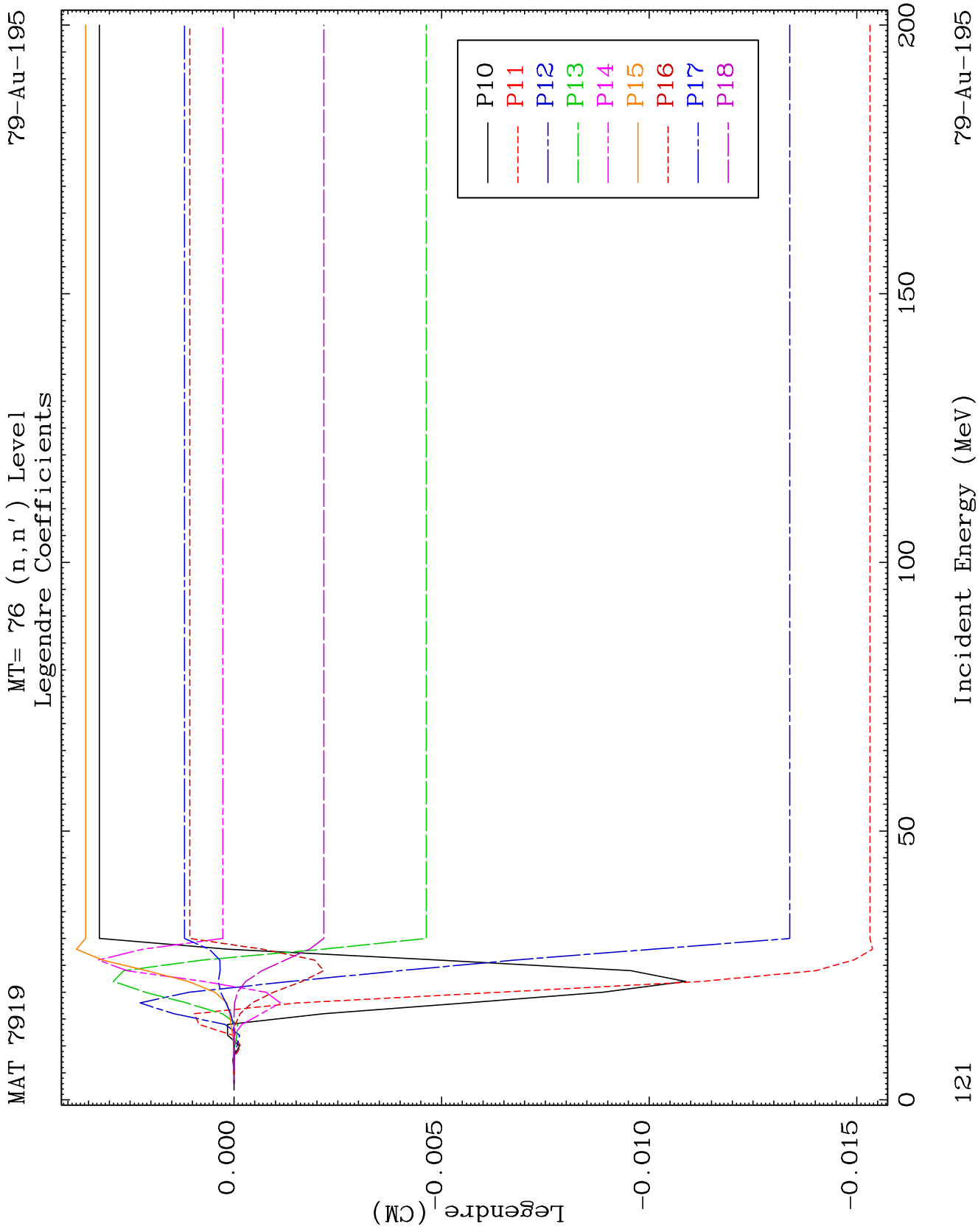


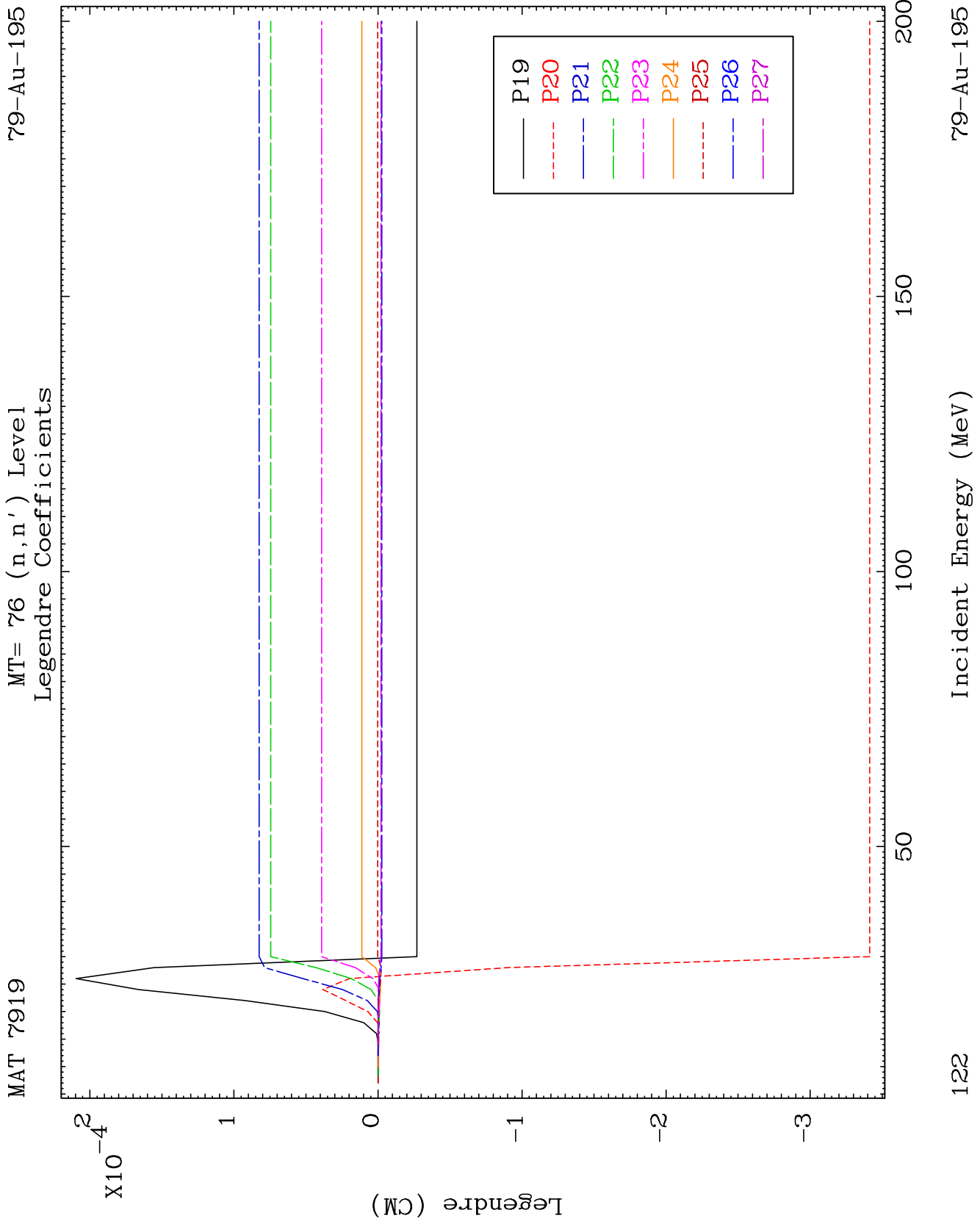
MAT 7919

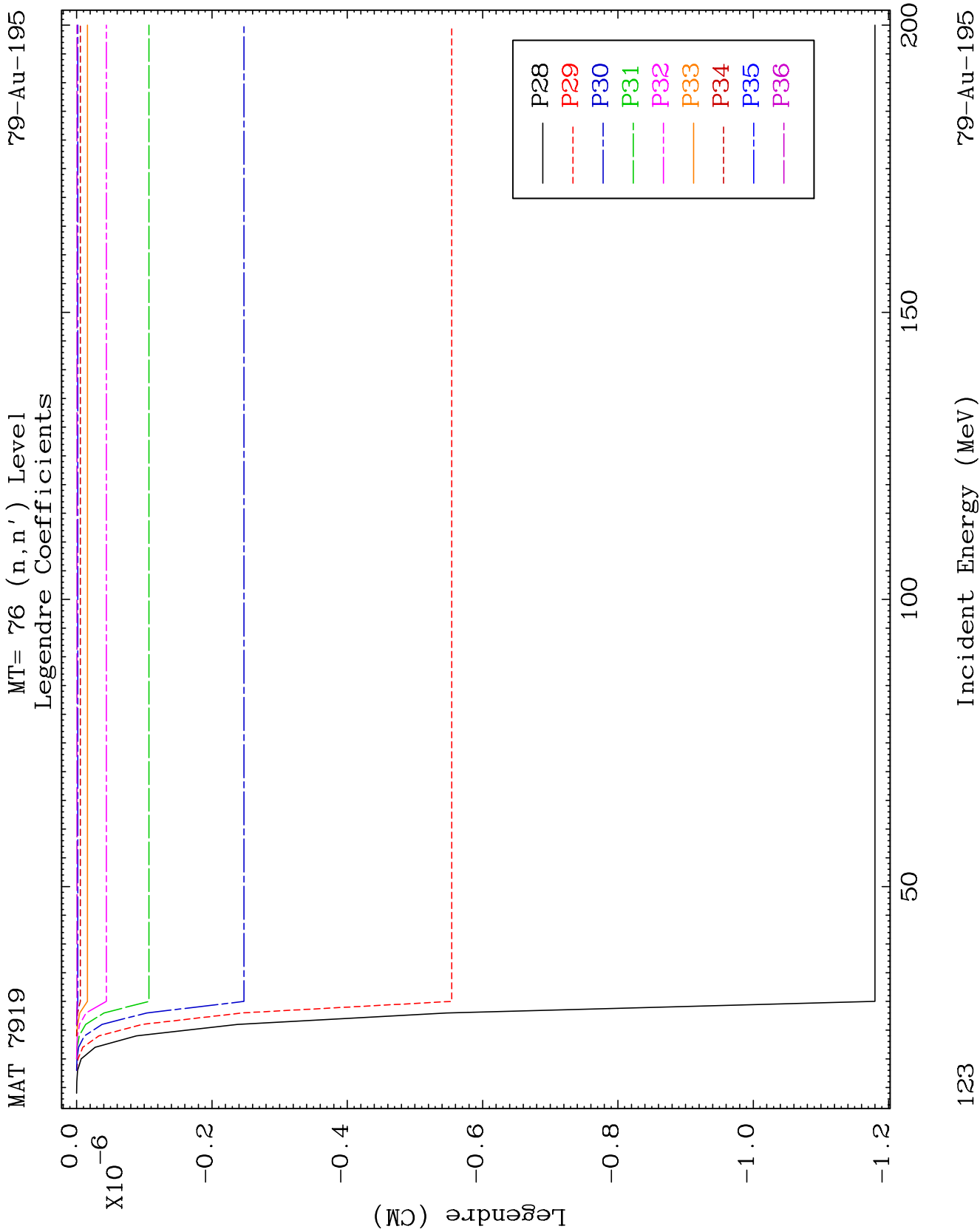
MT= 76 (n, n') Level
Legendre Coefficients

79-Au-195





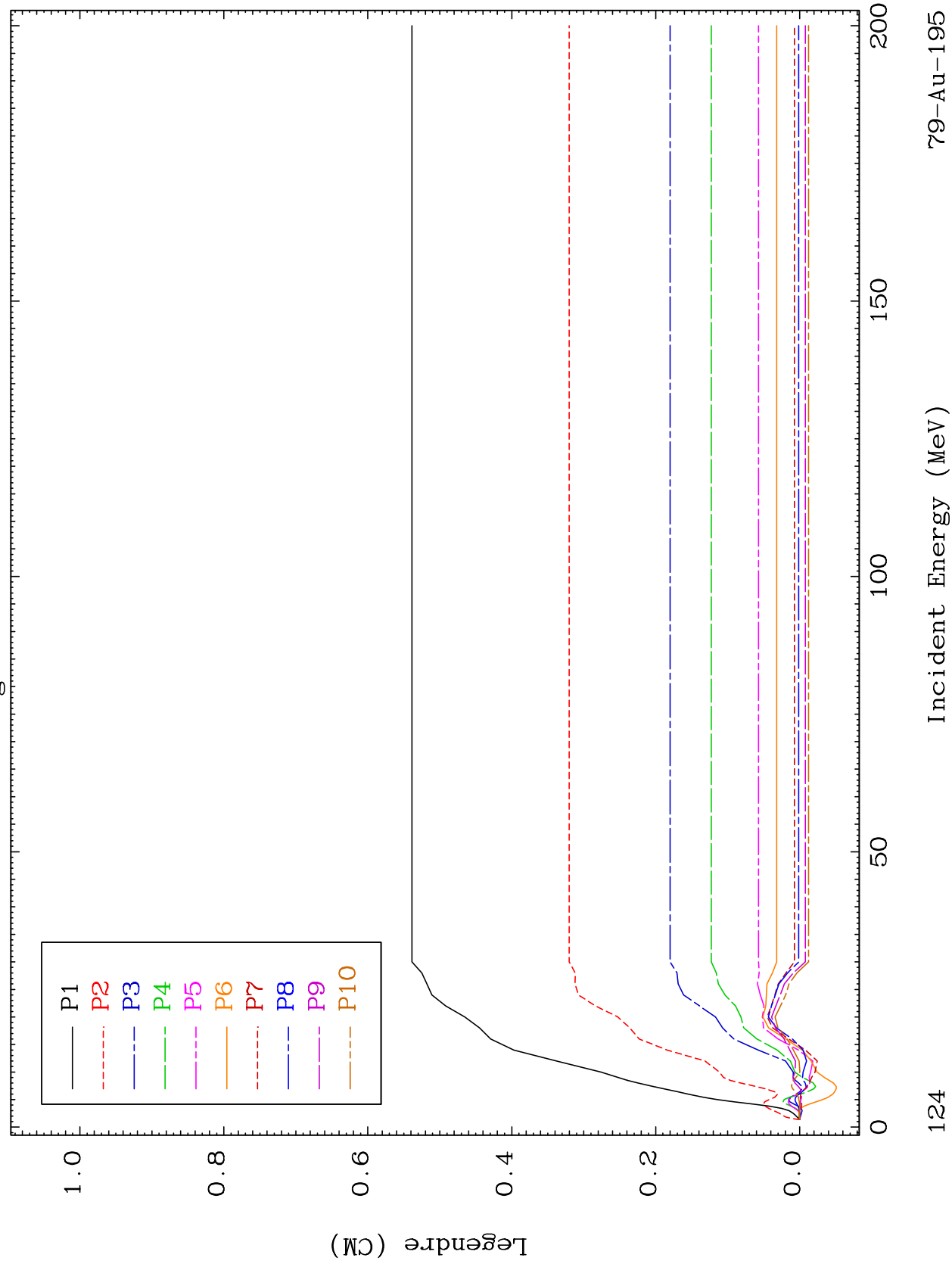




MAT 7919

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

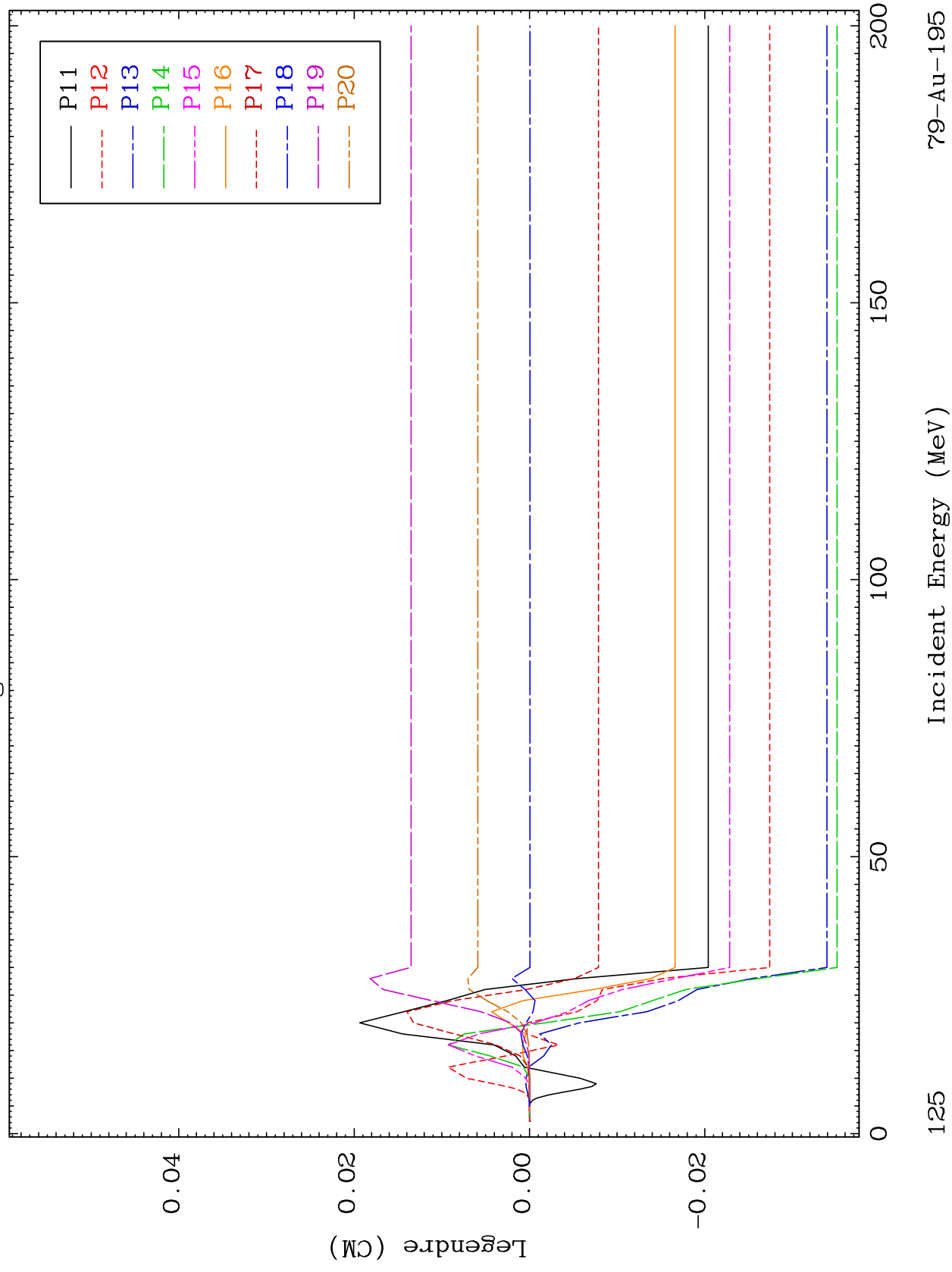
79-Au-195



MAT 7919

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

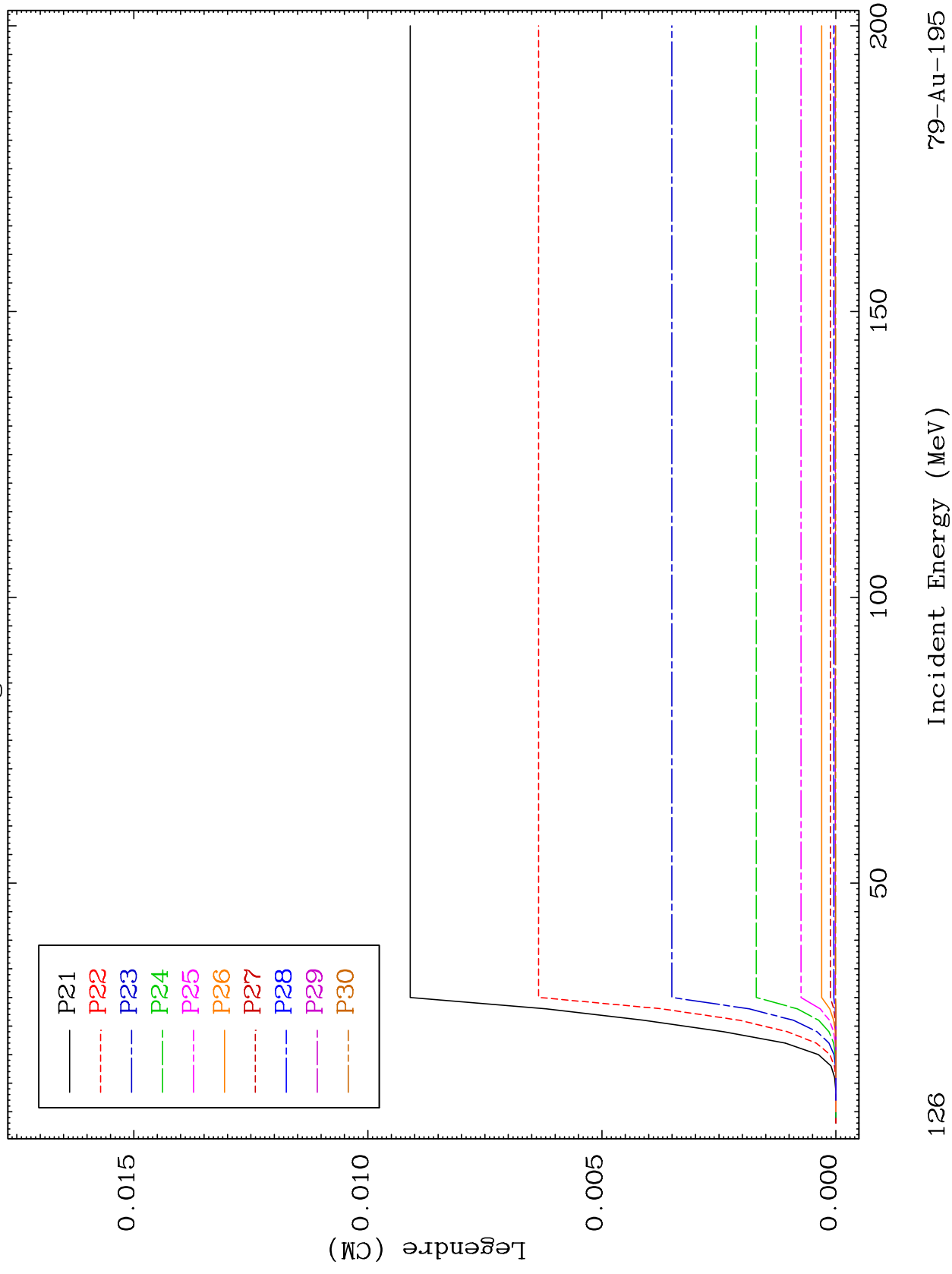
79-Au-195

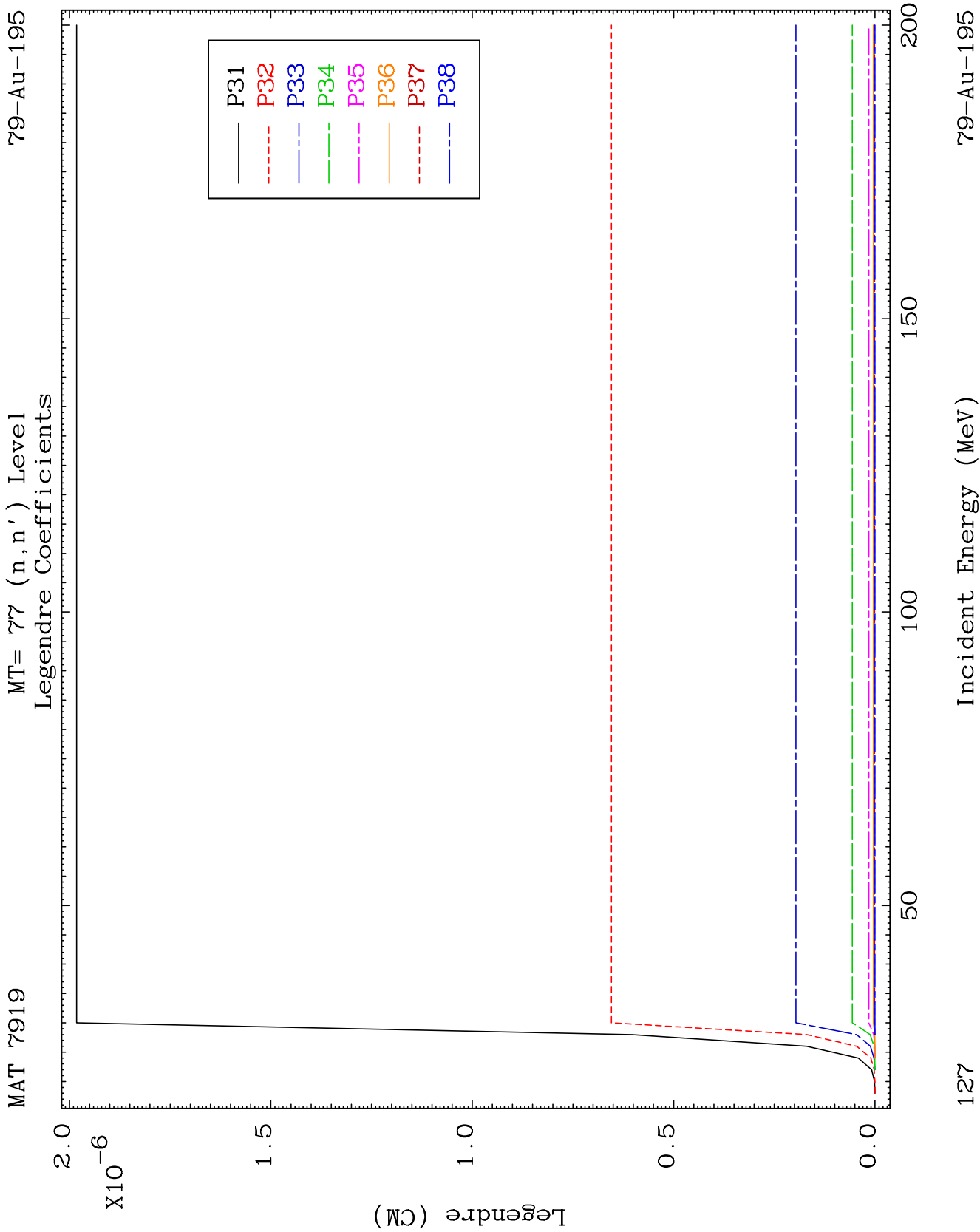


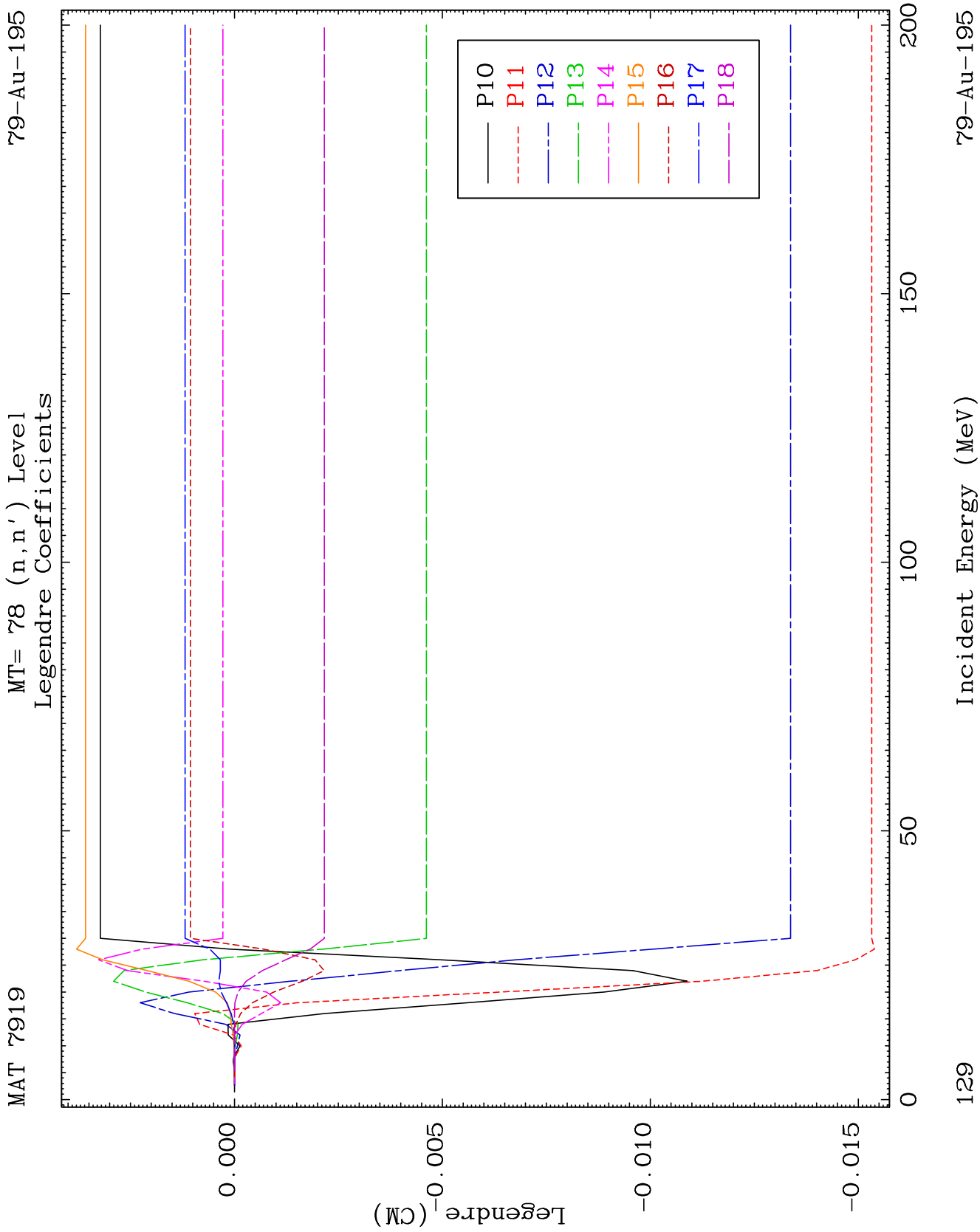
MAT 7919

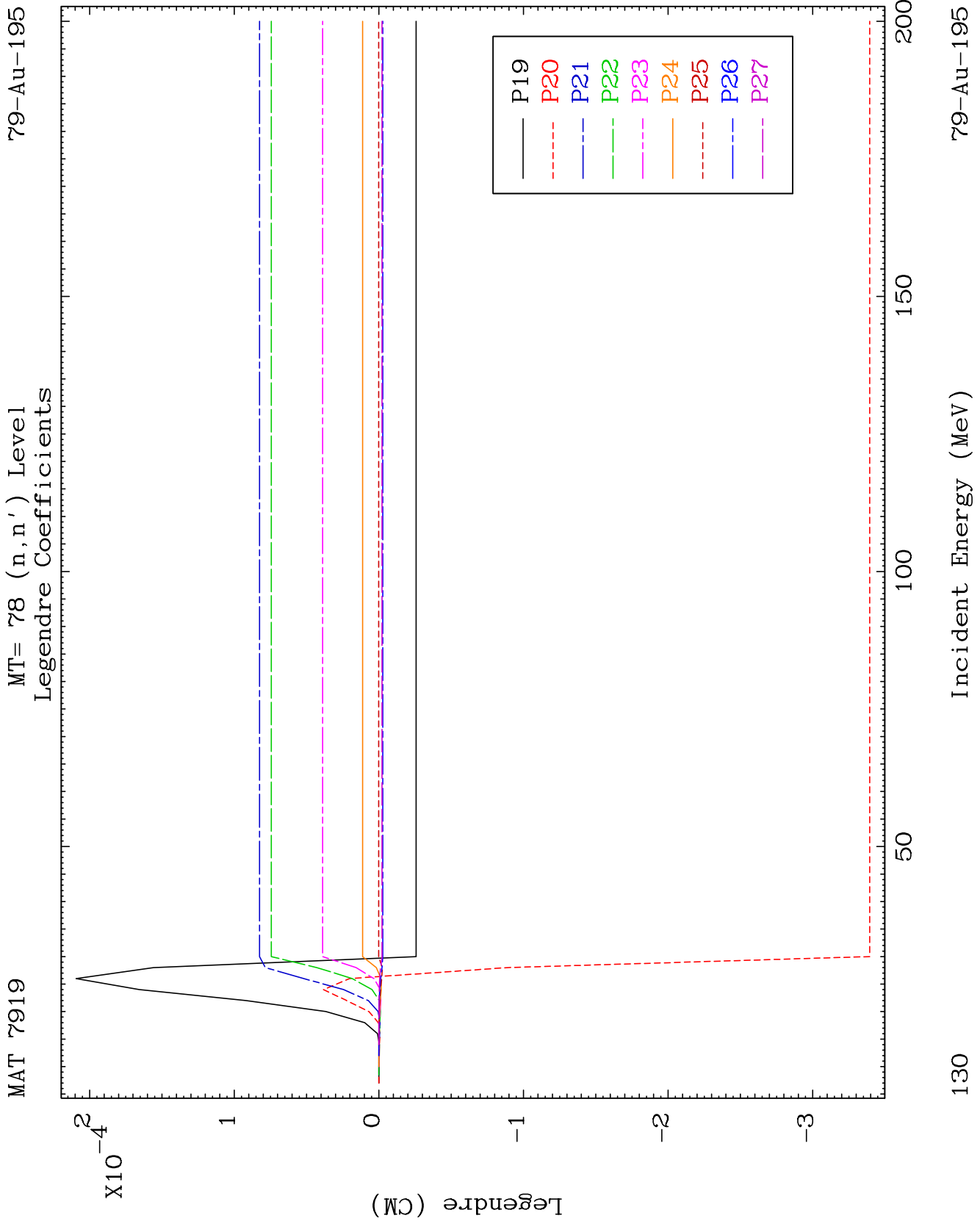
MT= 77 (n, n') Level
Legendre Coefficients

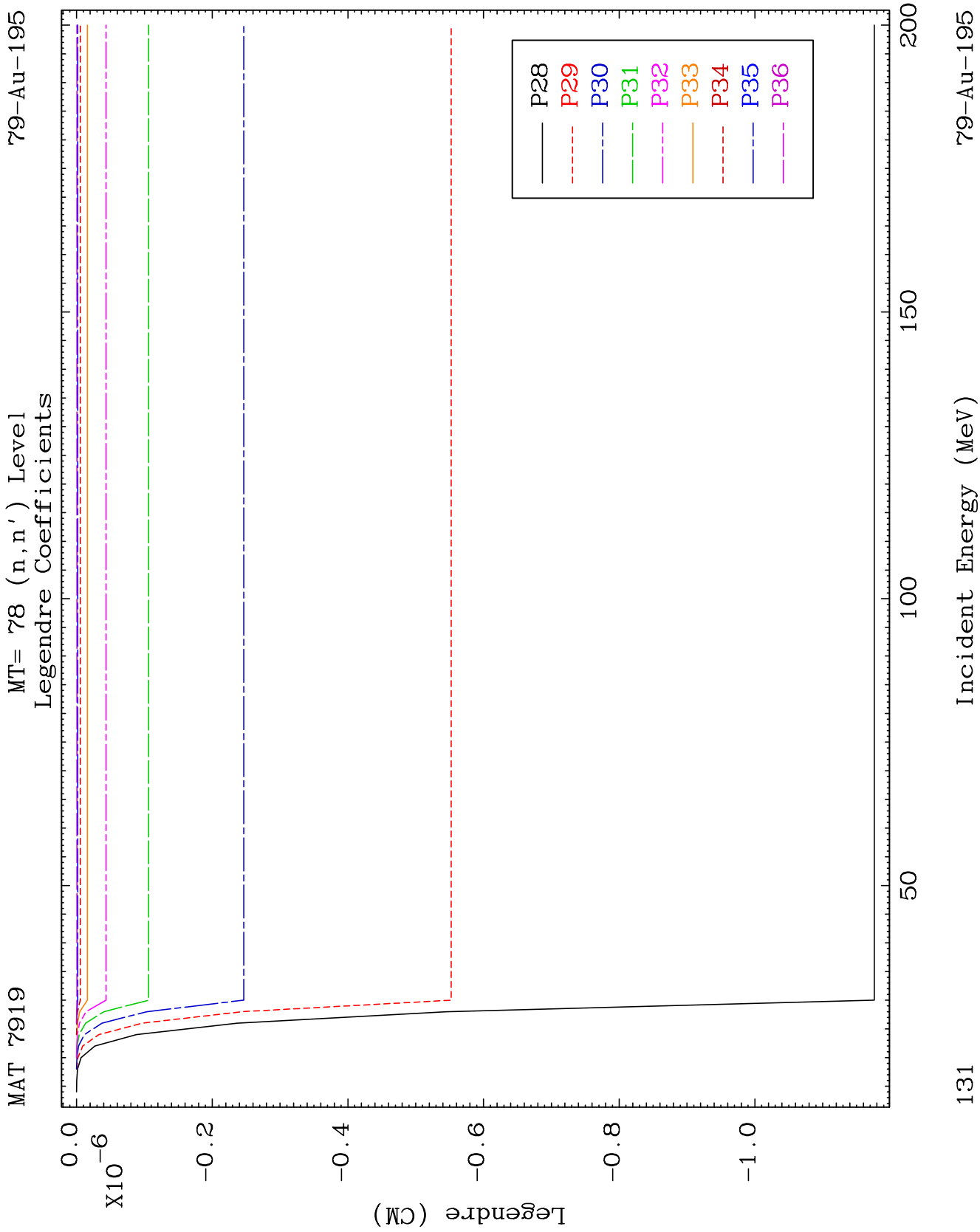
79-Au-195

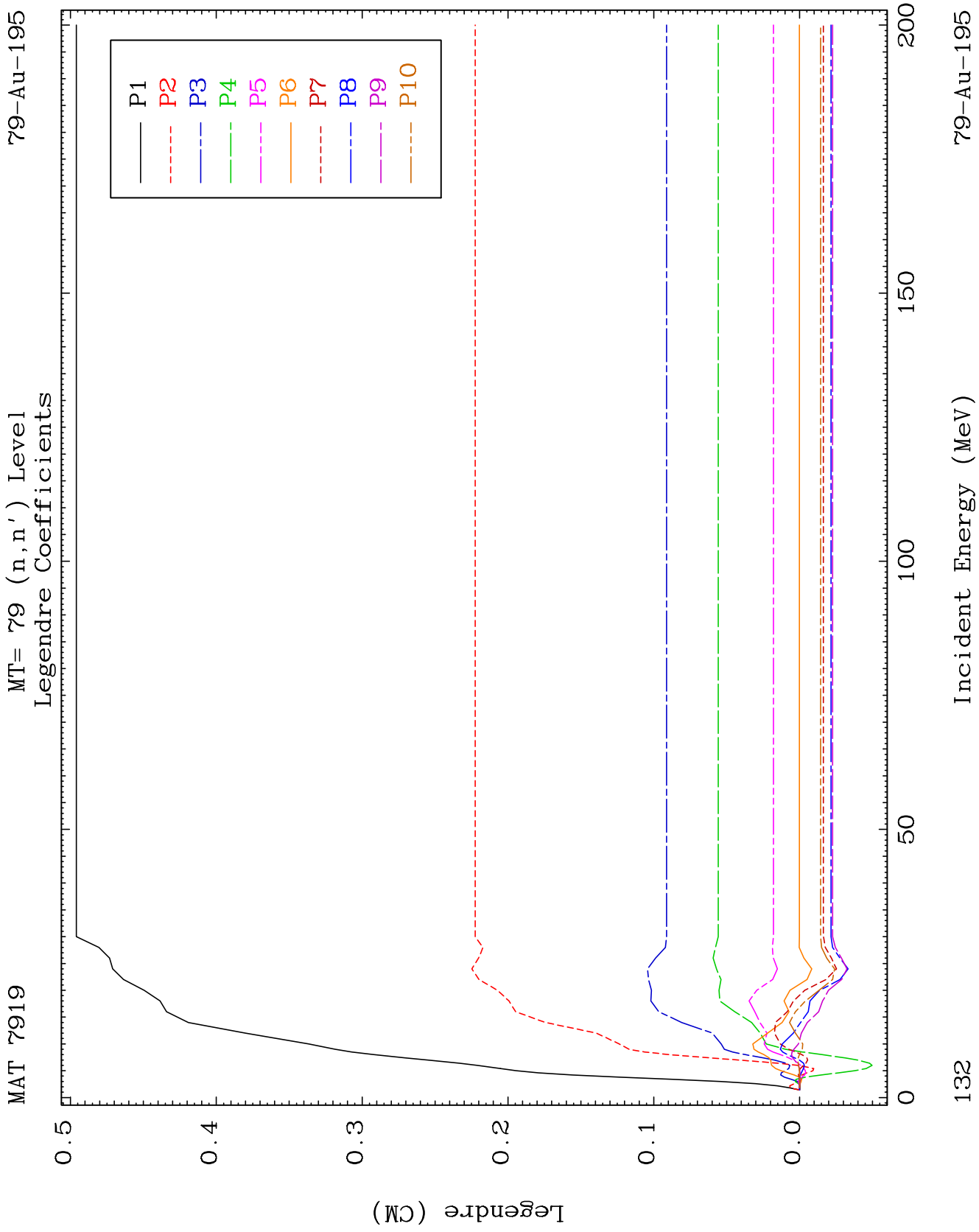








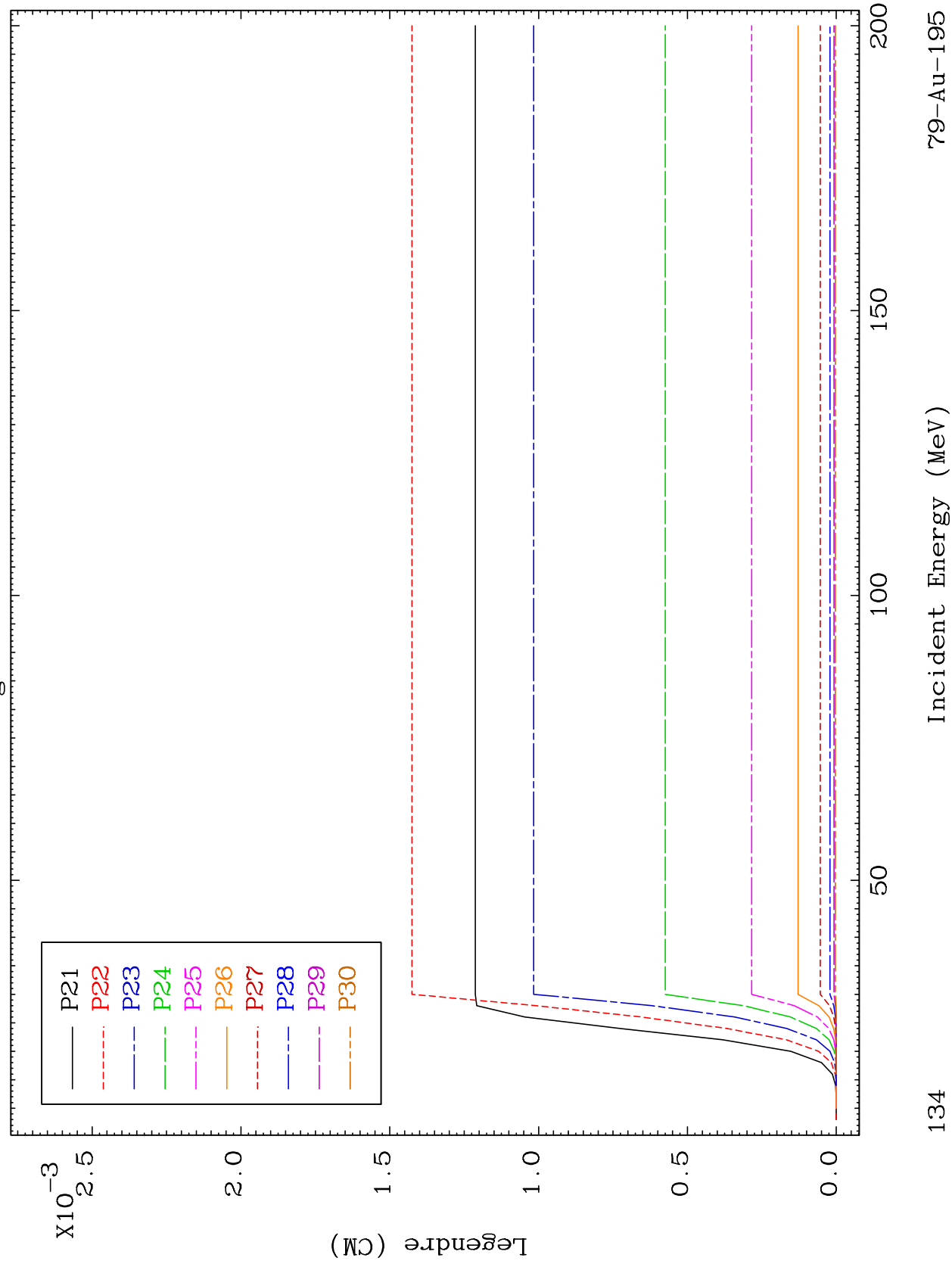


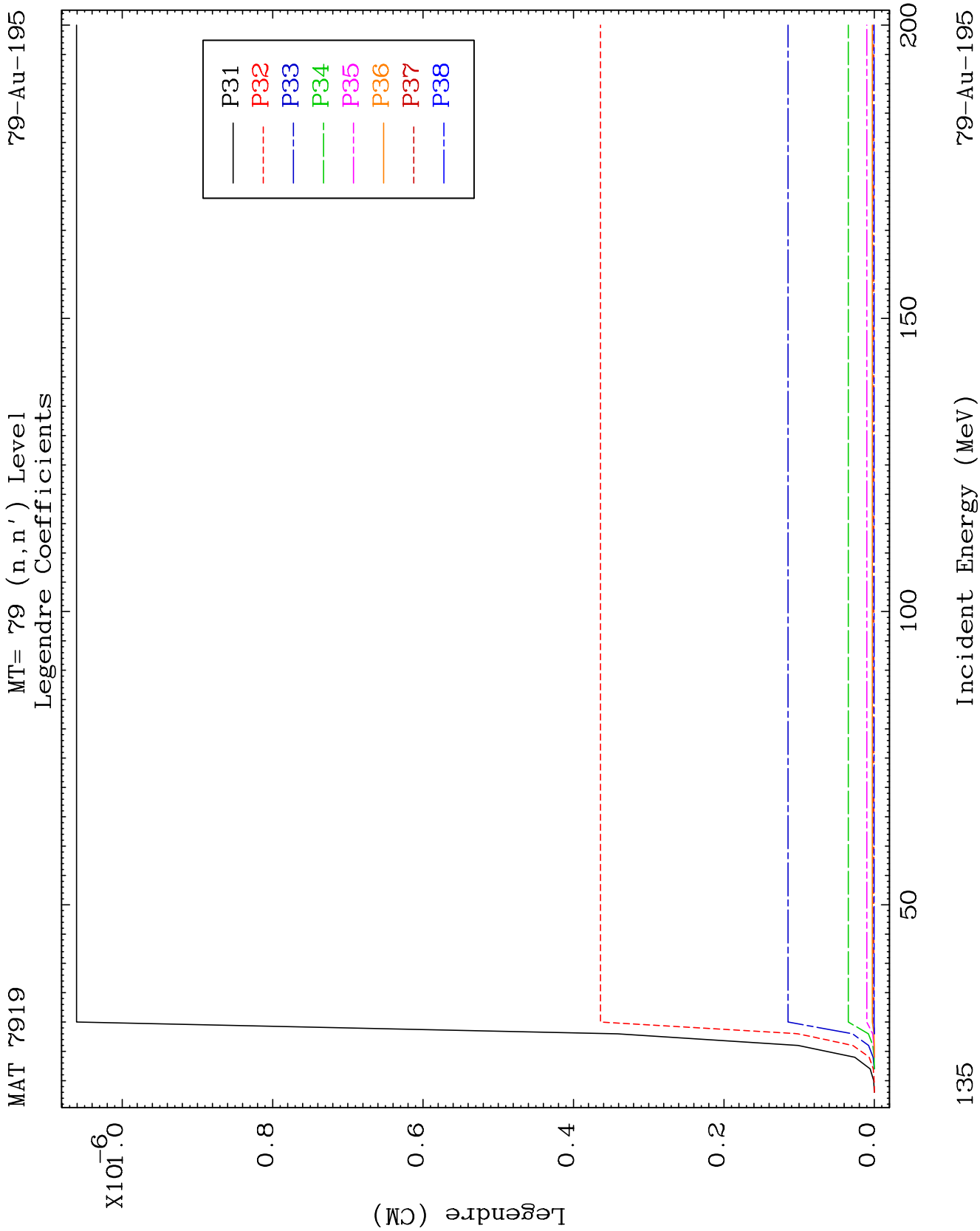


MAT 7919

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

79-Au-195



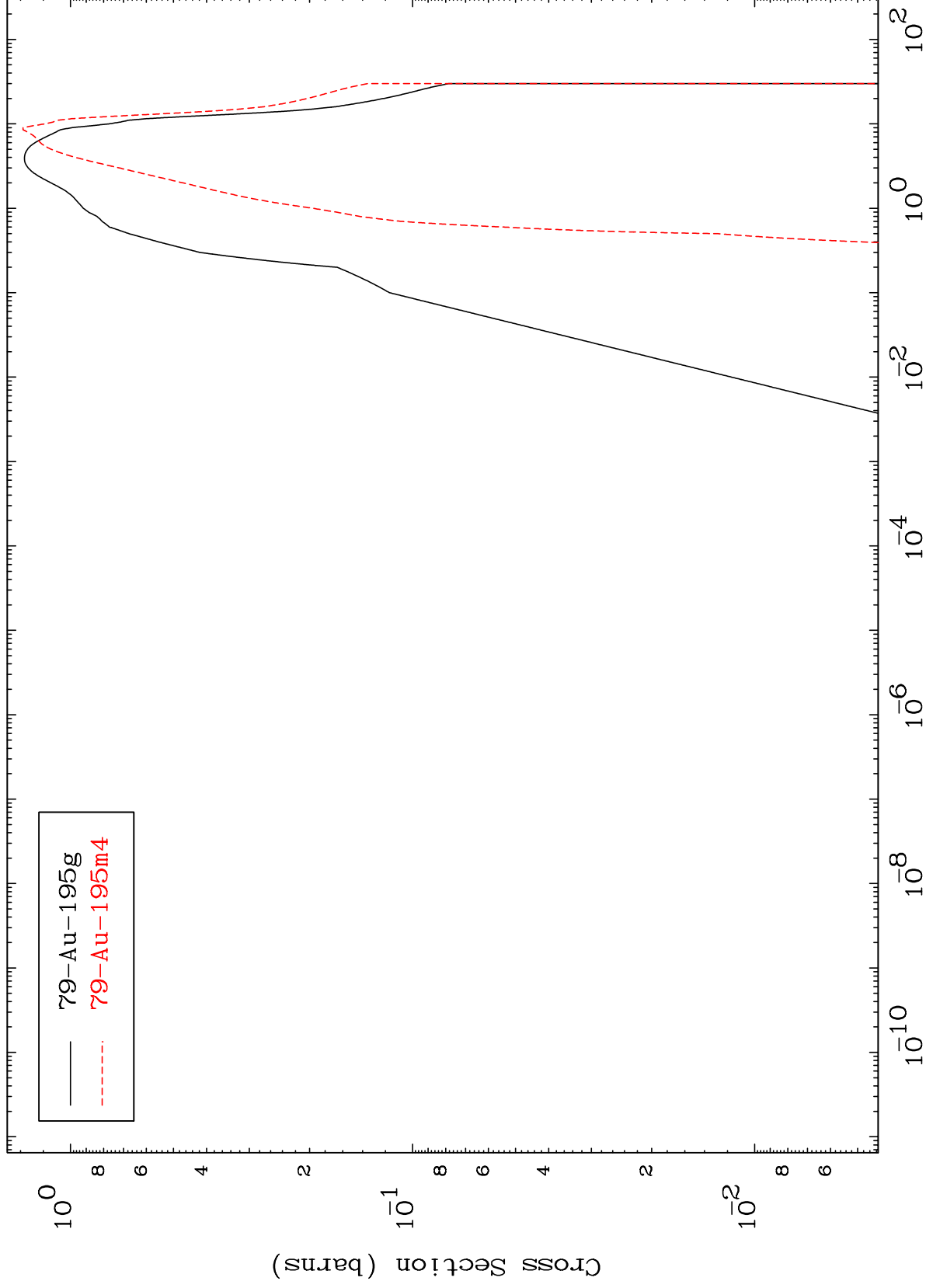


MAT 7919

Inelastic

⁷⁹Au-195

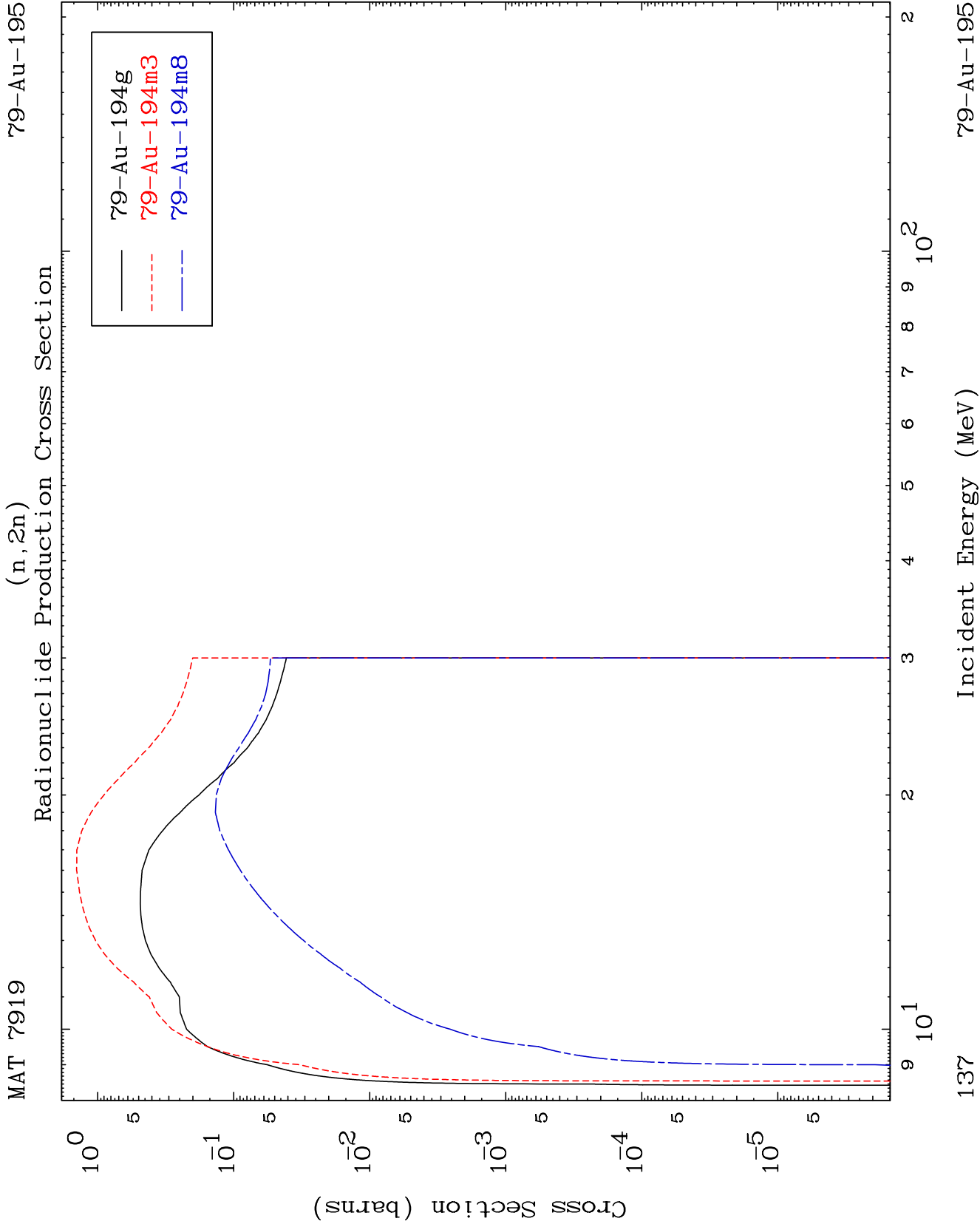
Radionuclide Production Cross Section

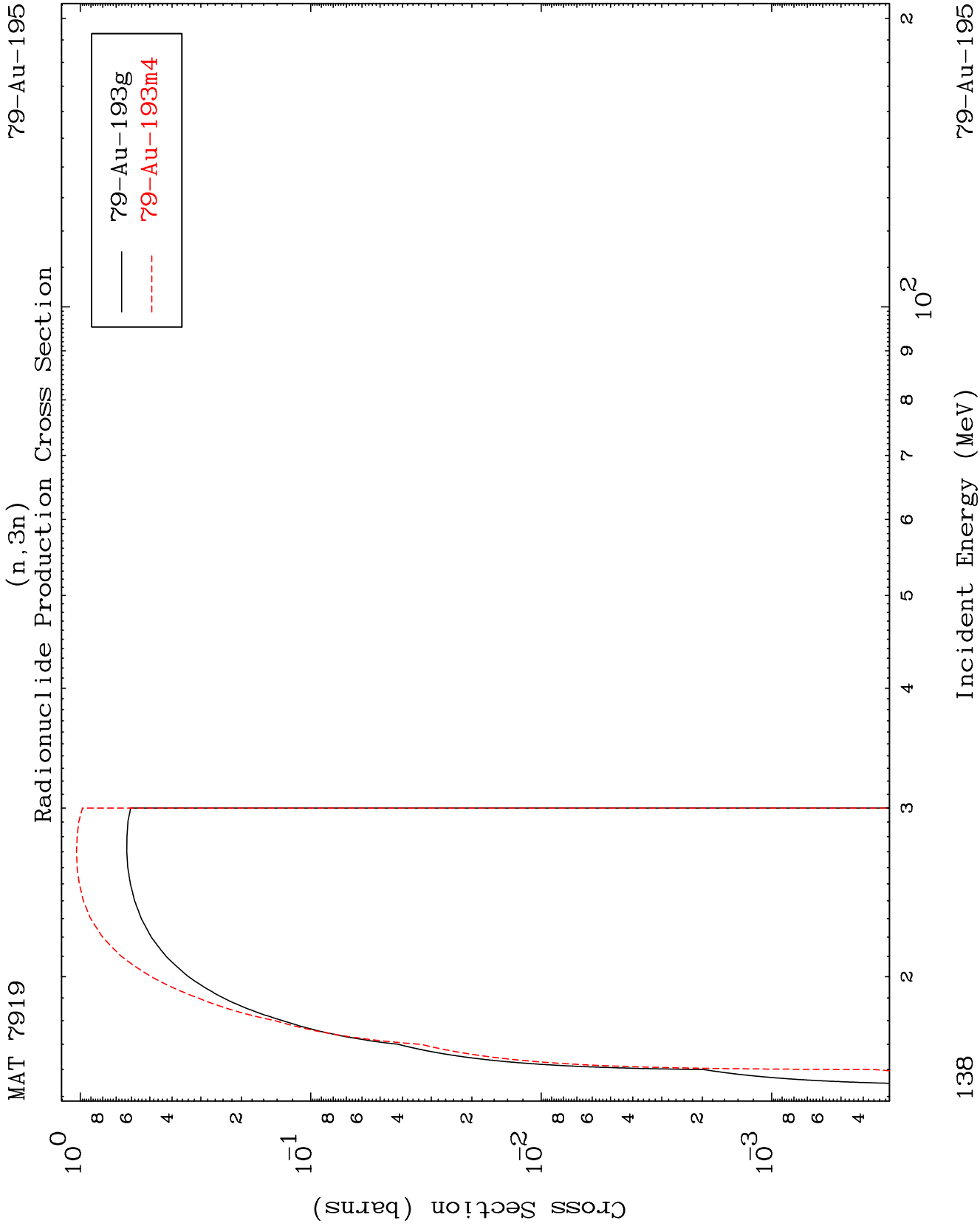


136

Incident Energy (MeV)

⁷⁹Au-195





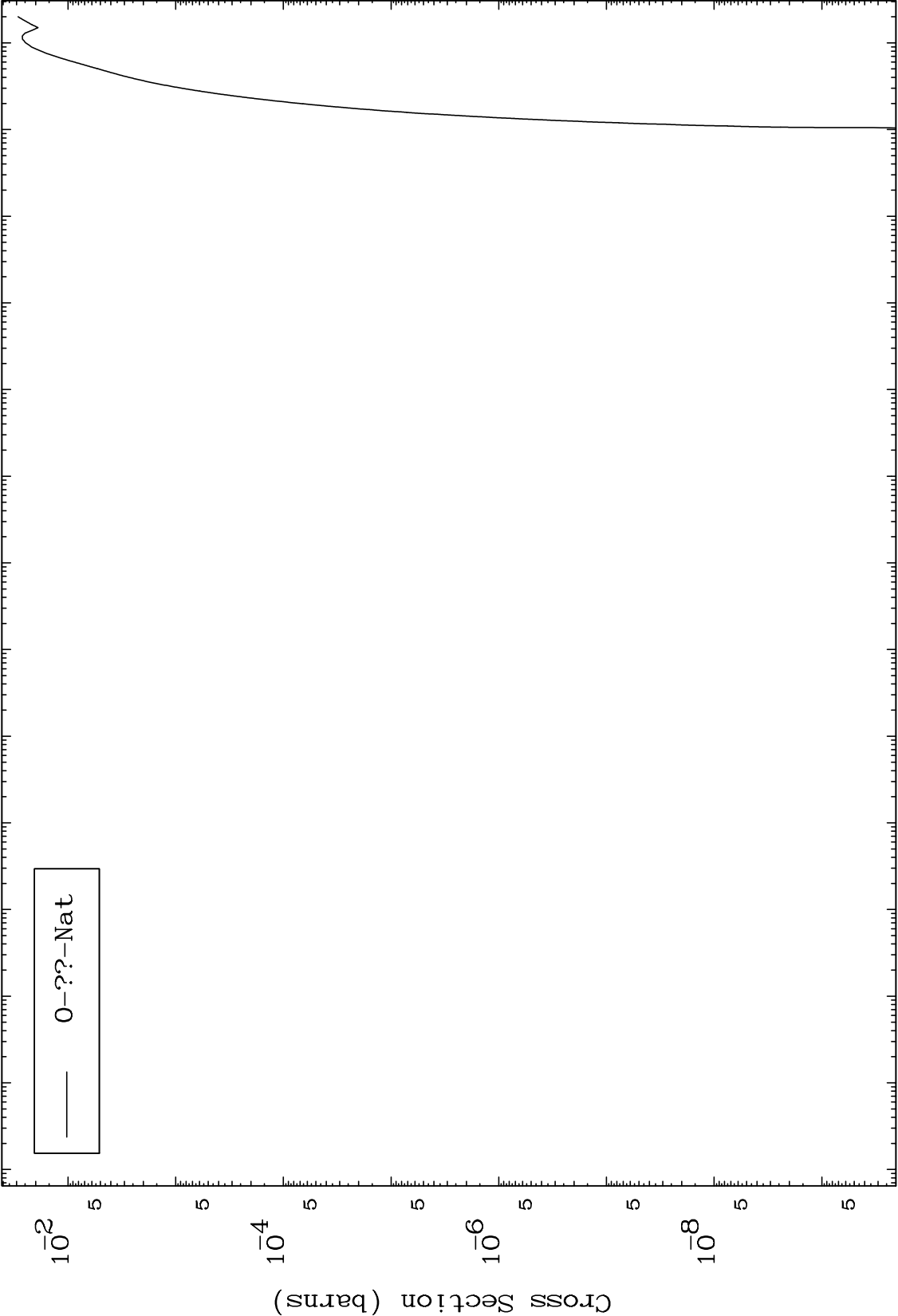
MAT 7919

Fission

79-Au-195

Radionuclide Production Cross Section

0-??-Nat



139

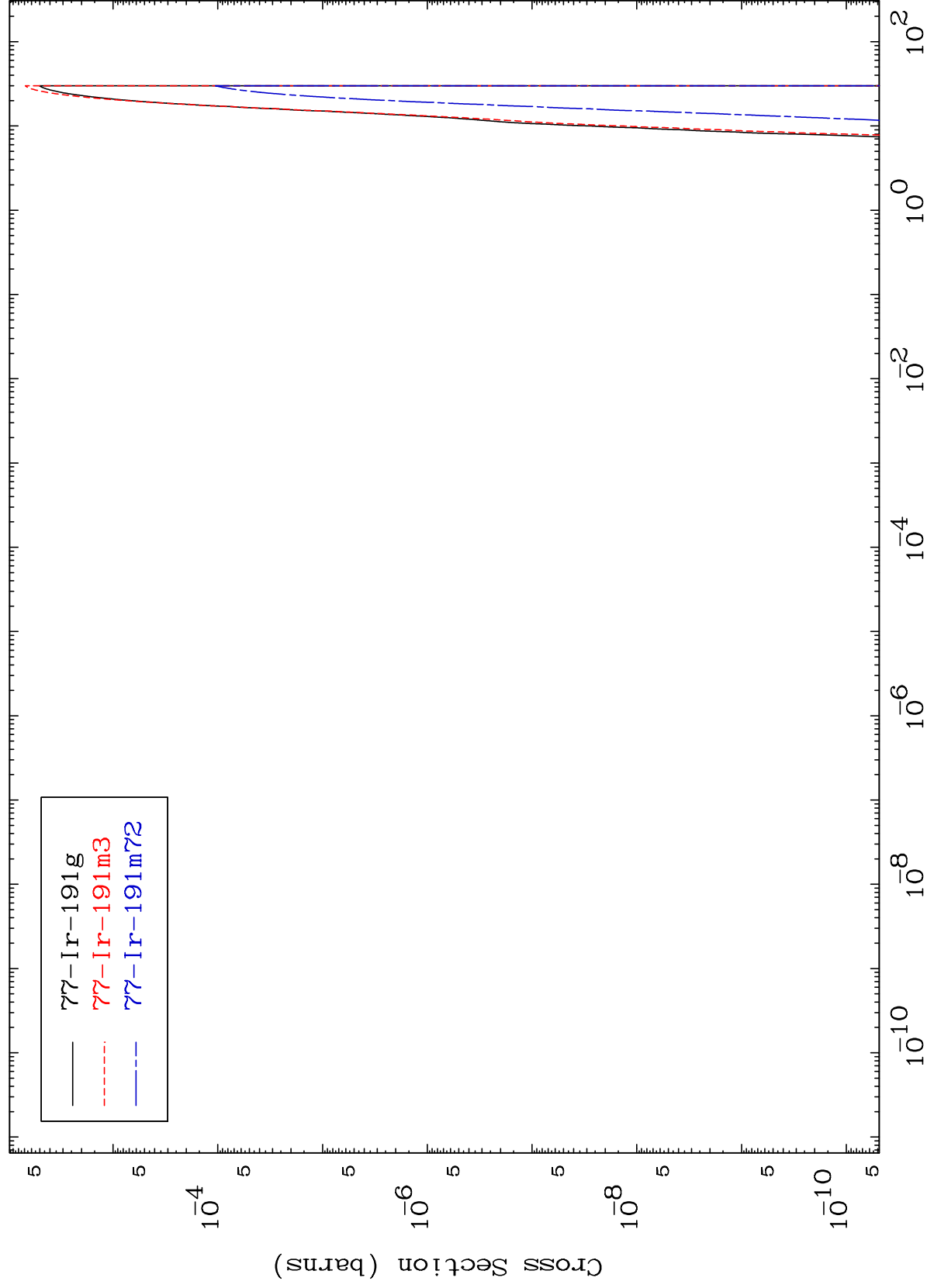
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

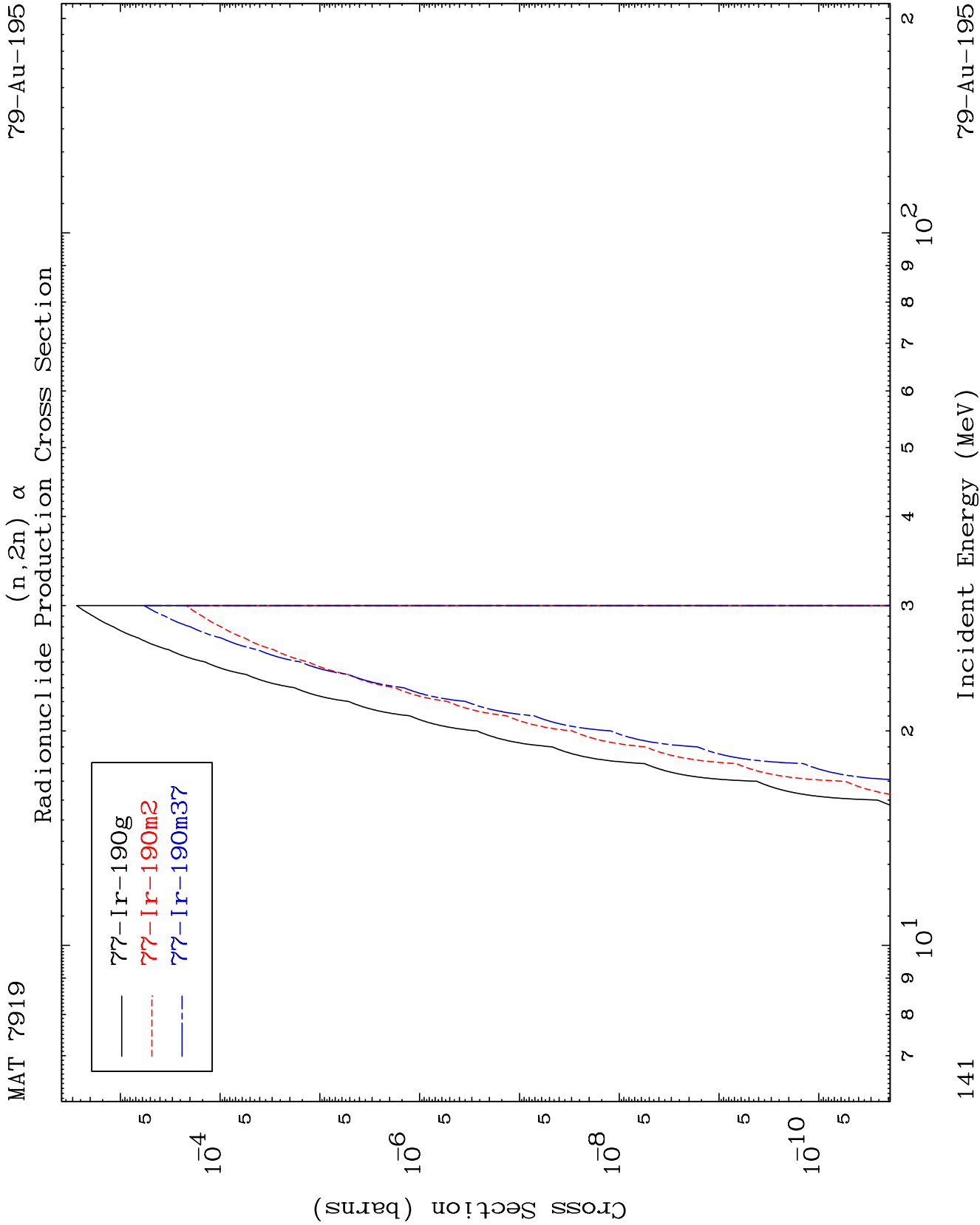
$(n,n') \alpha$
Radionuclide Production Cross Section



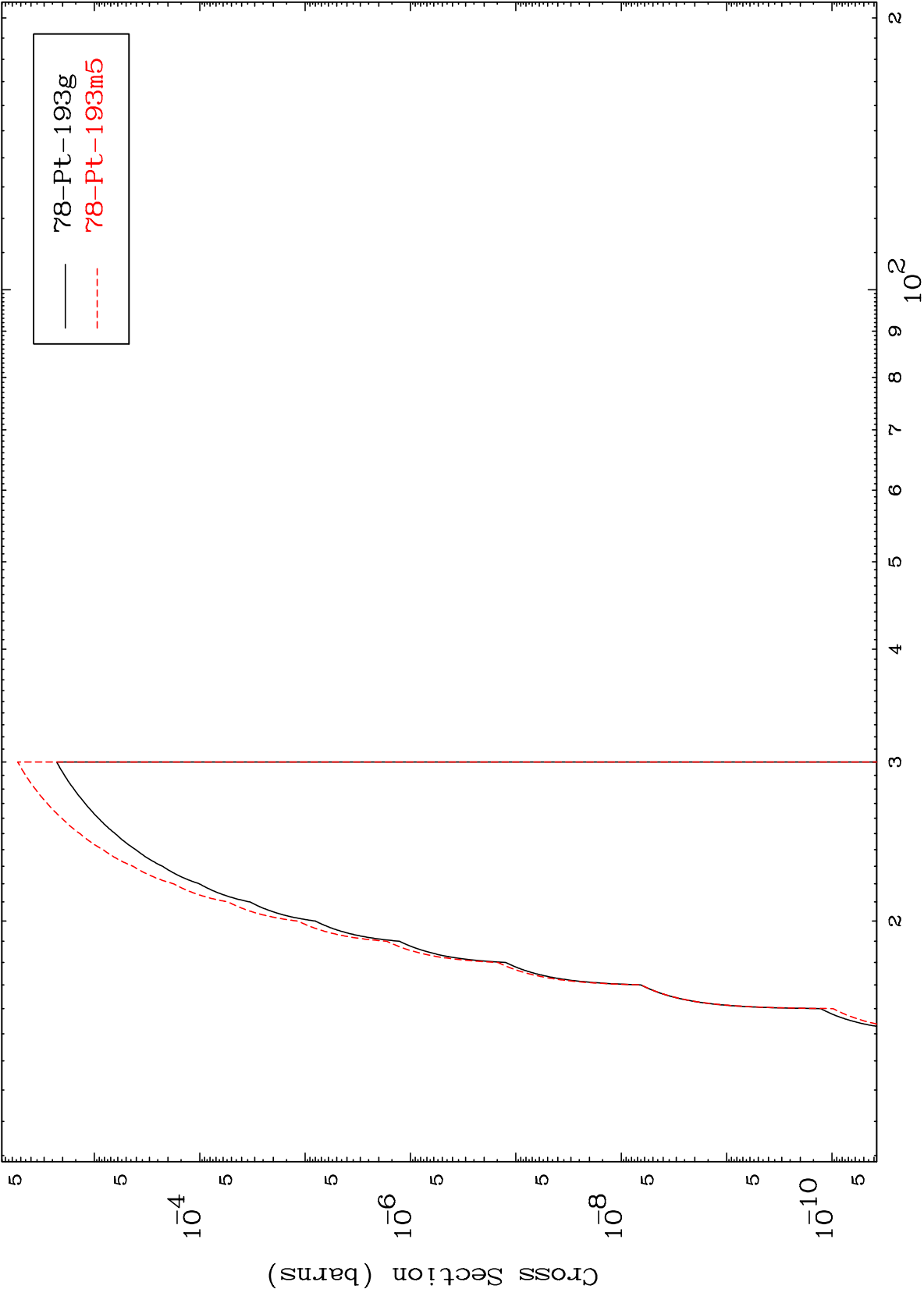
79-Au-195

Incident Energy (MeV)

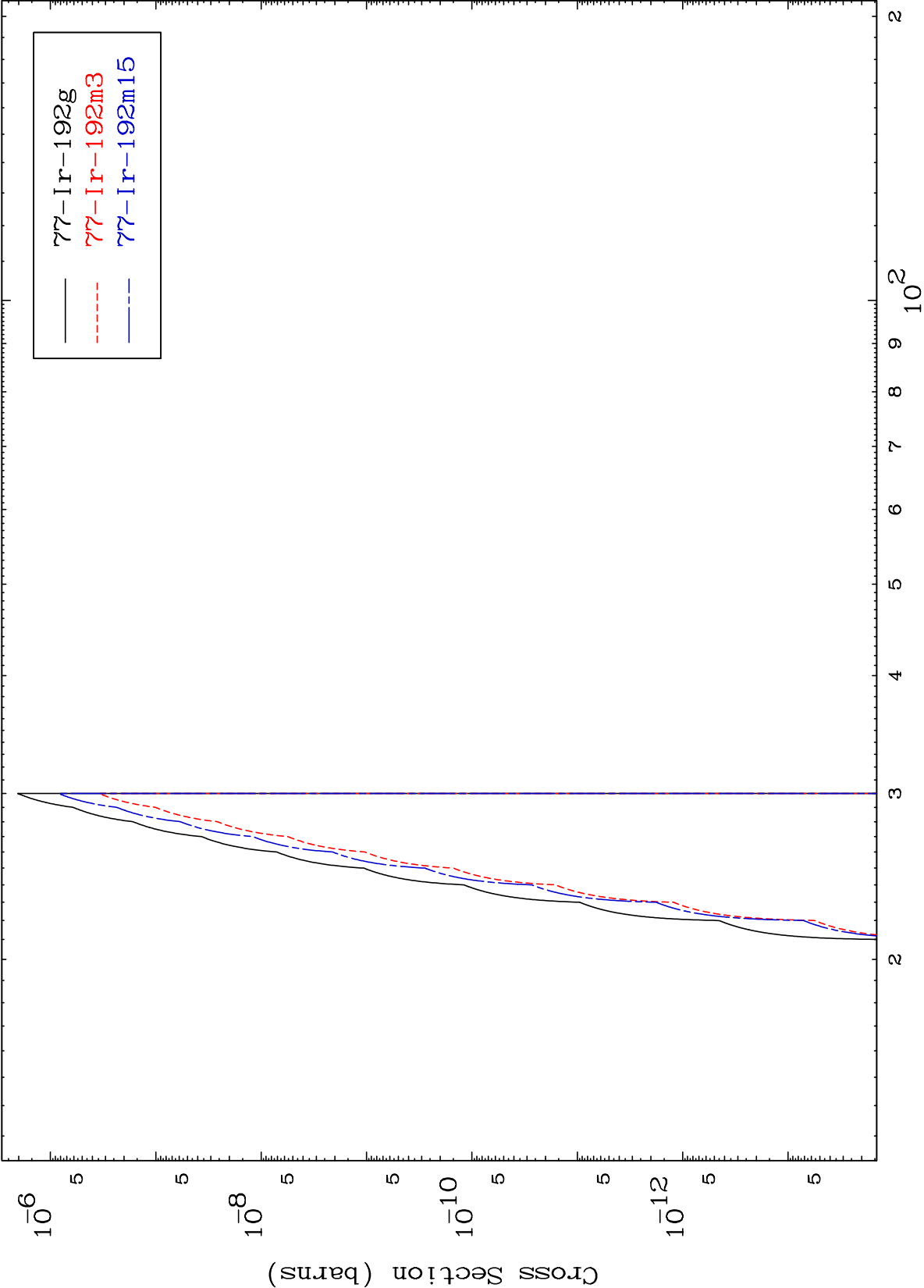
140

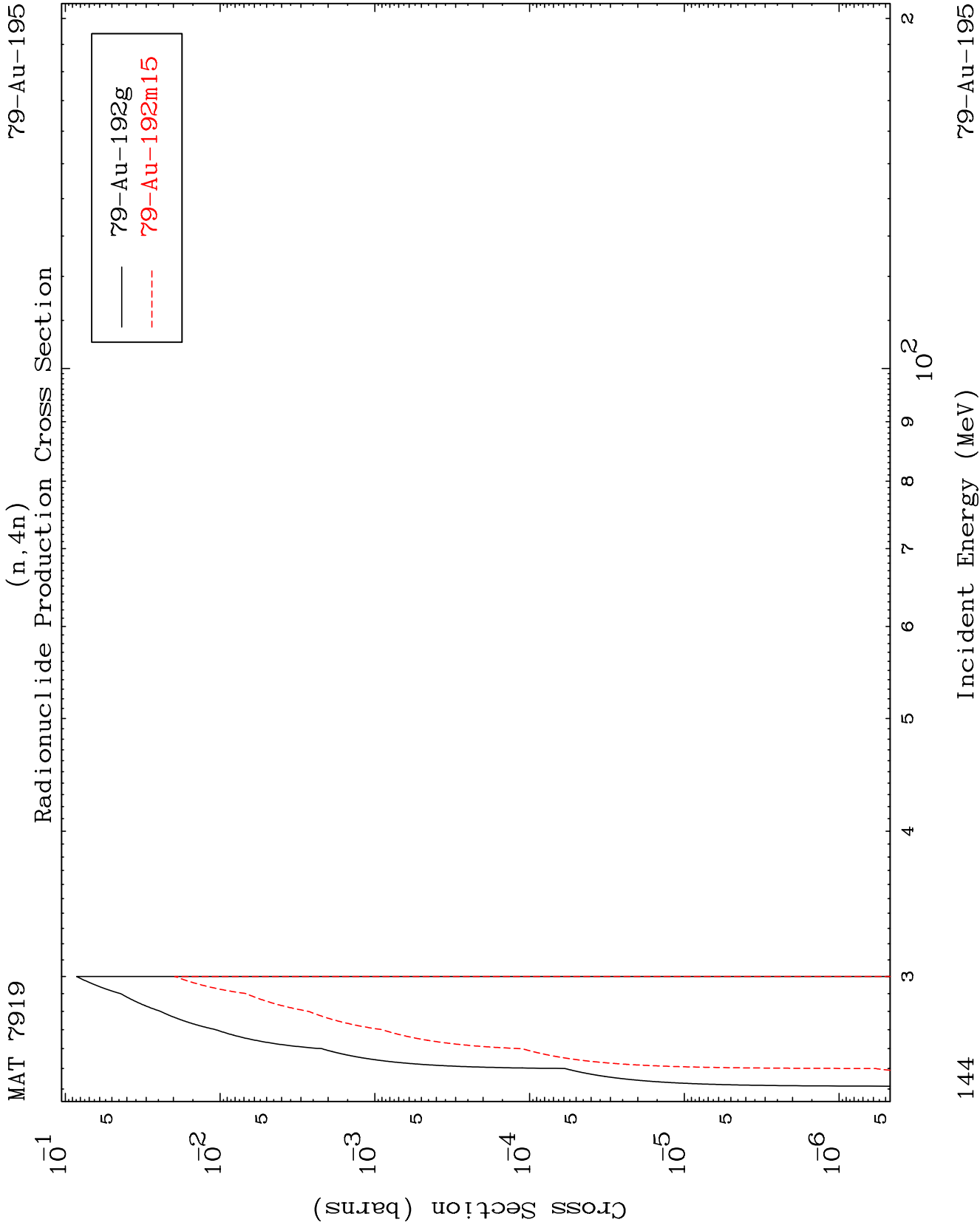


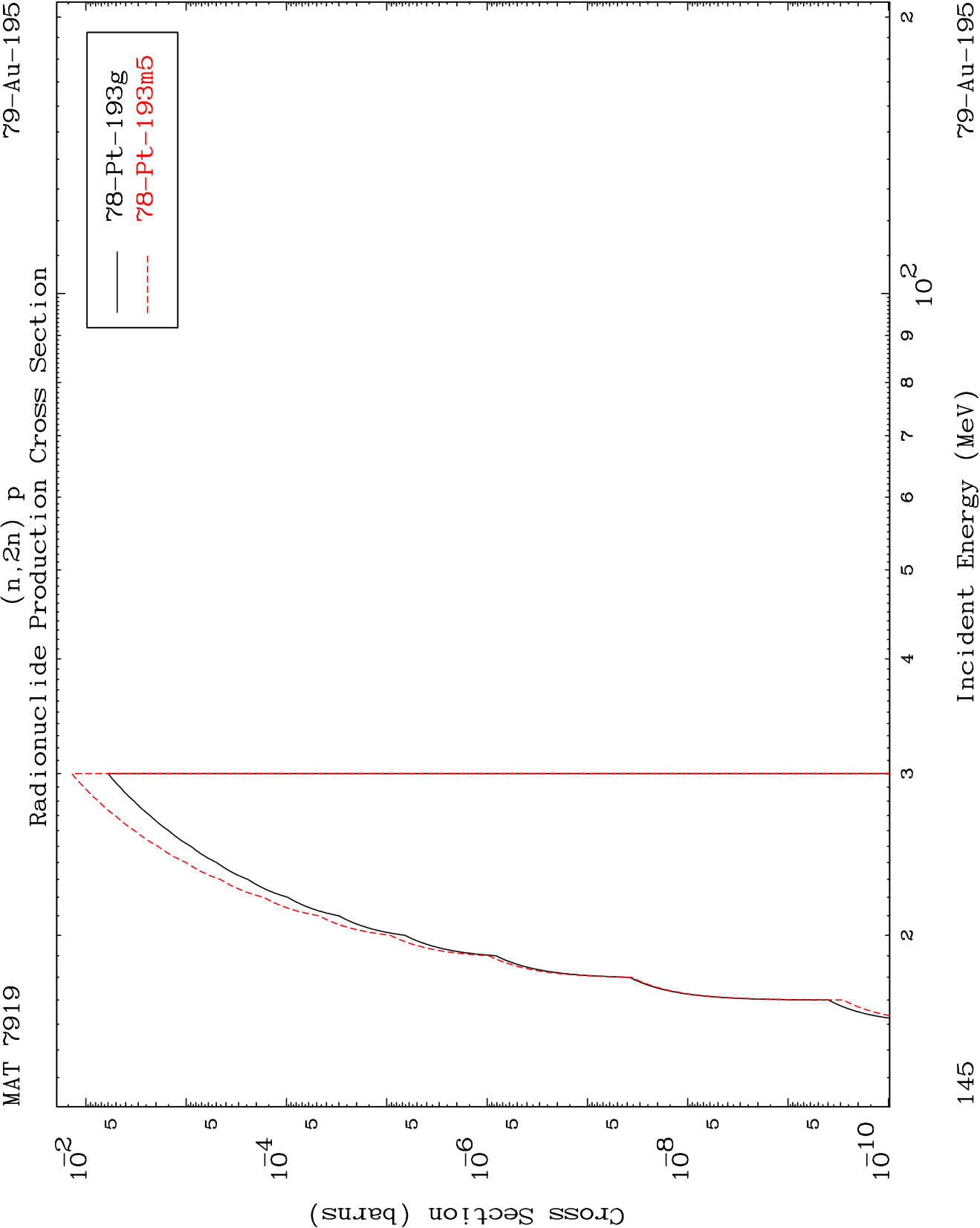
(n,n') d
Radionuclide Production Cross Section



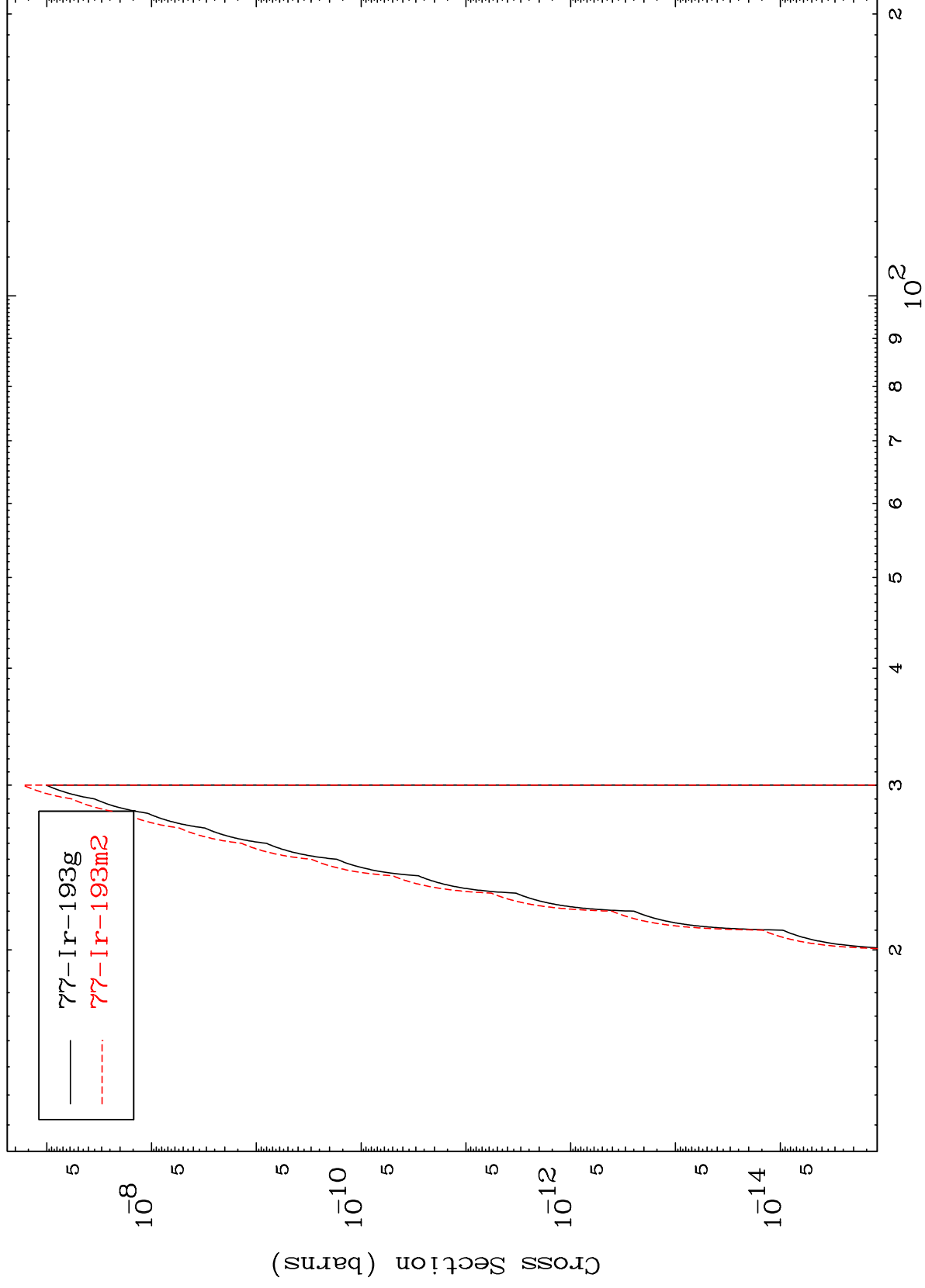
Radionuclide Production Cross Section







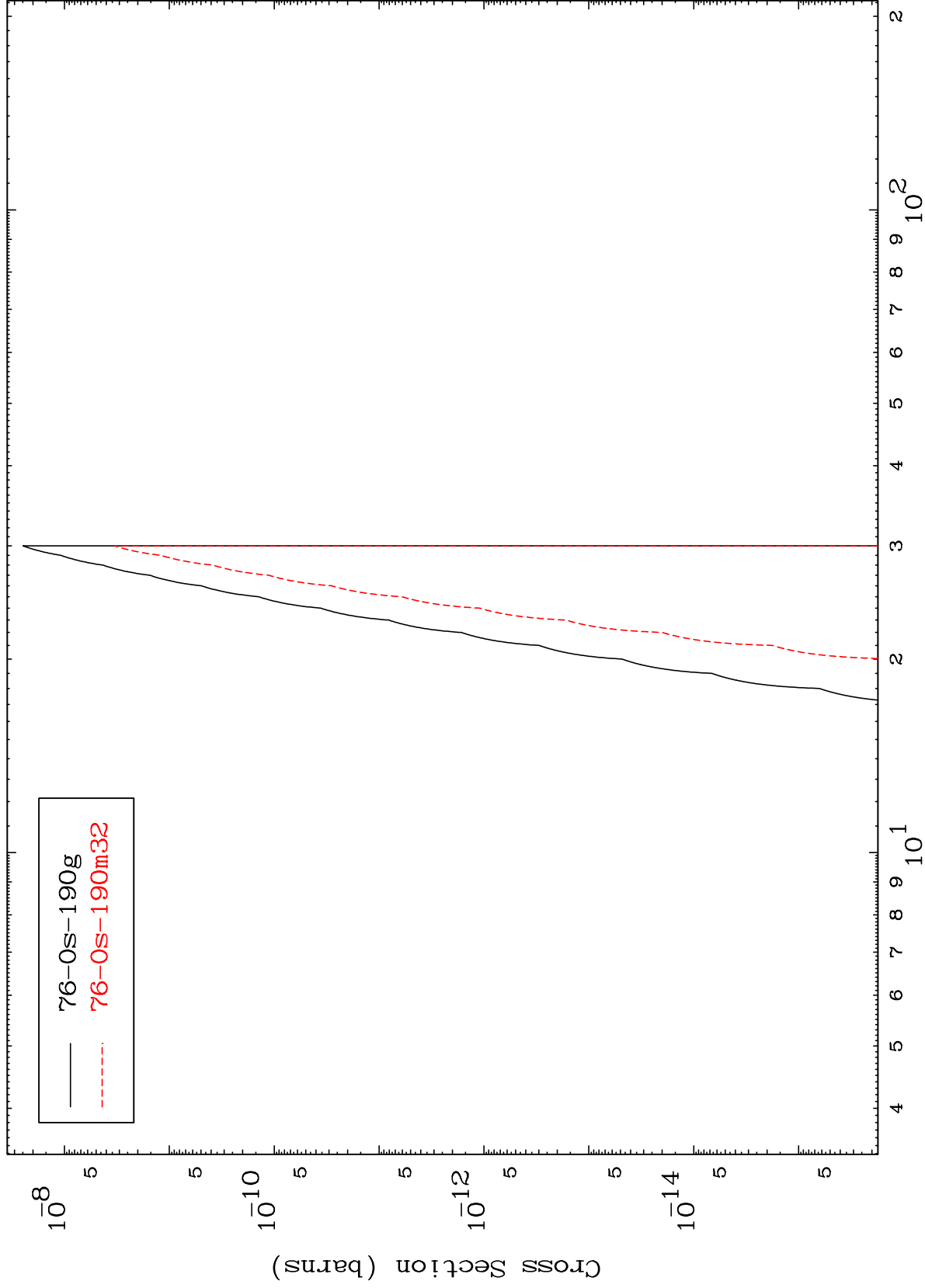
Radionuclide Production Cross Section



MAT 7919

79-Au-195

(n,n') p α
Radionuclide Production Cross Section

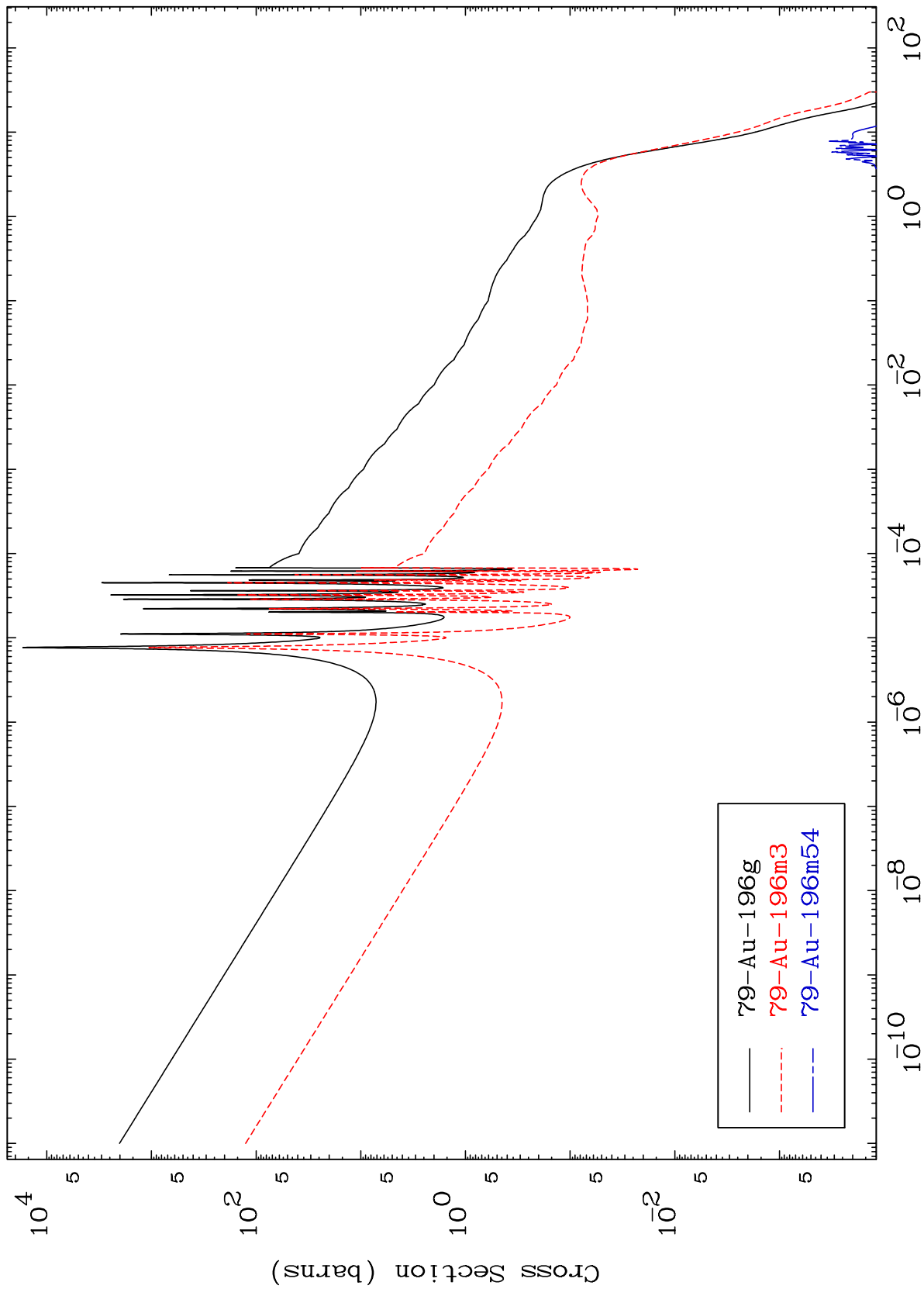


147

Incident Energy (MeV)

79-Au-195

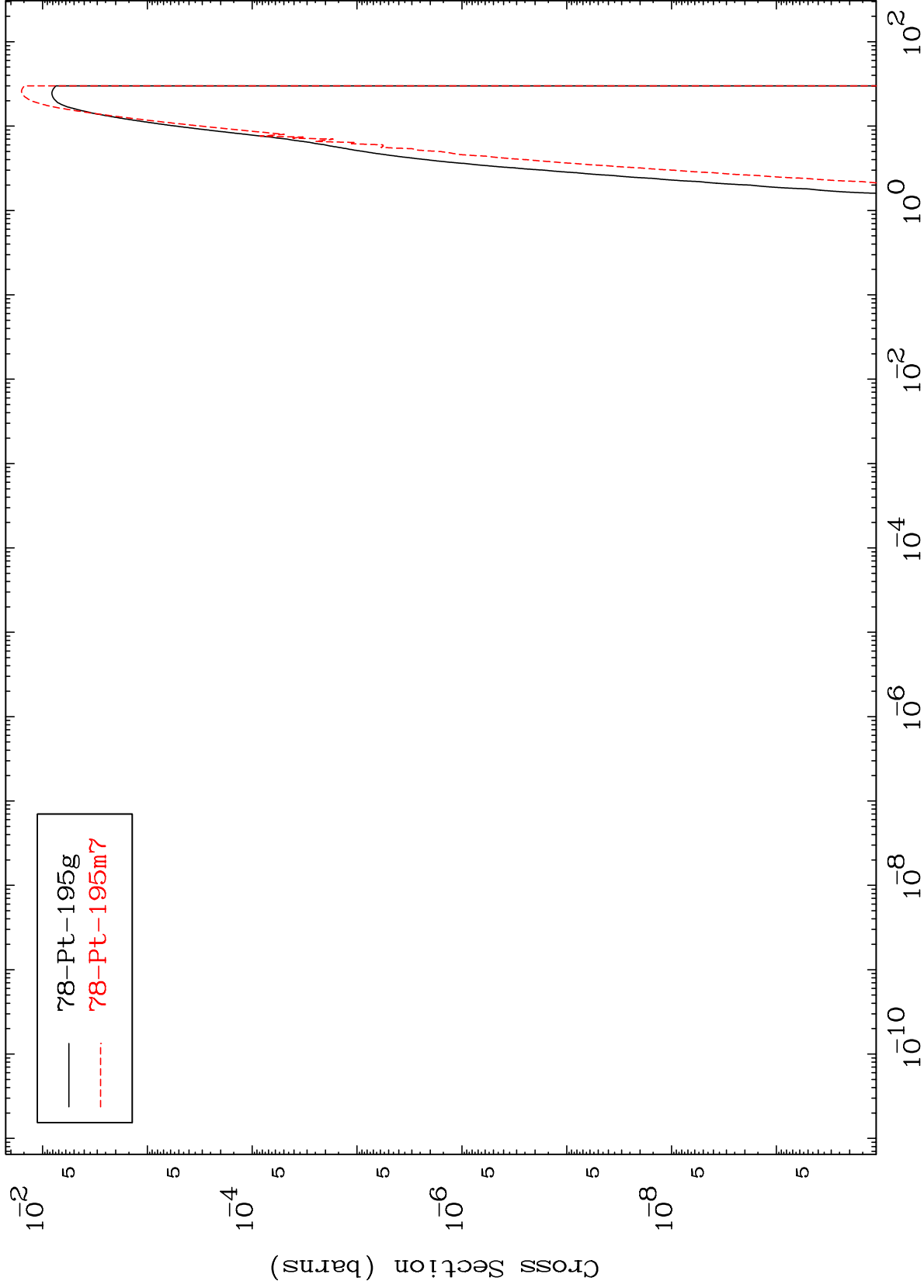
Radionuclide Production Cross Section
(n, γ)



MAT 7919

79-Au-195

Radionuclide Production Cross Section

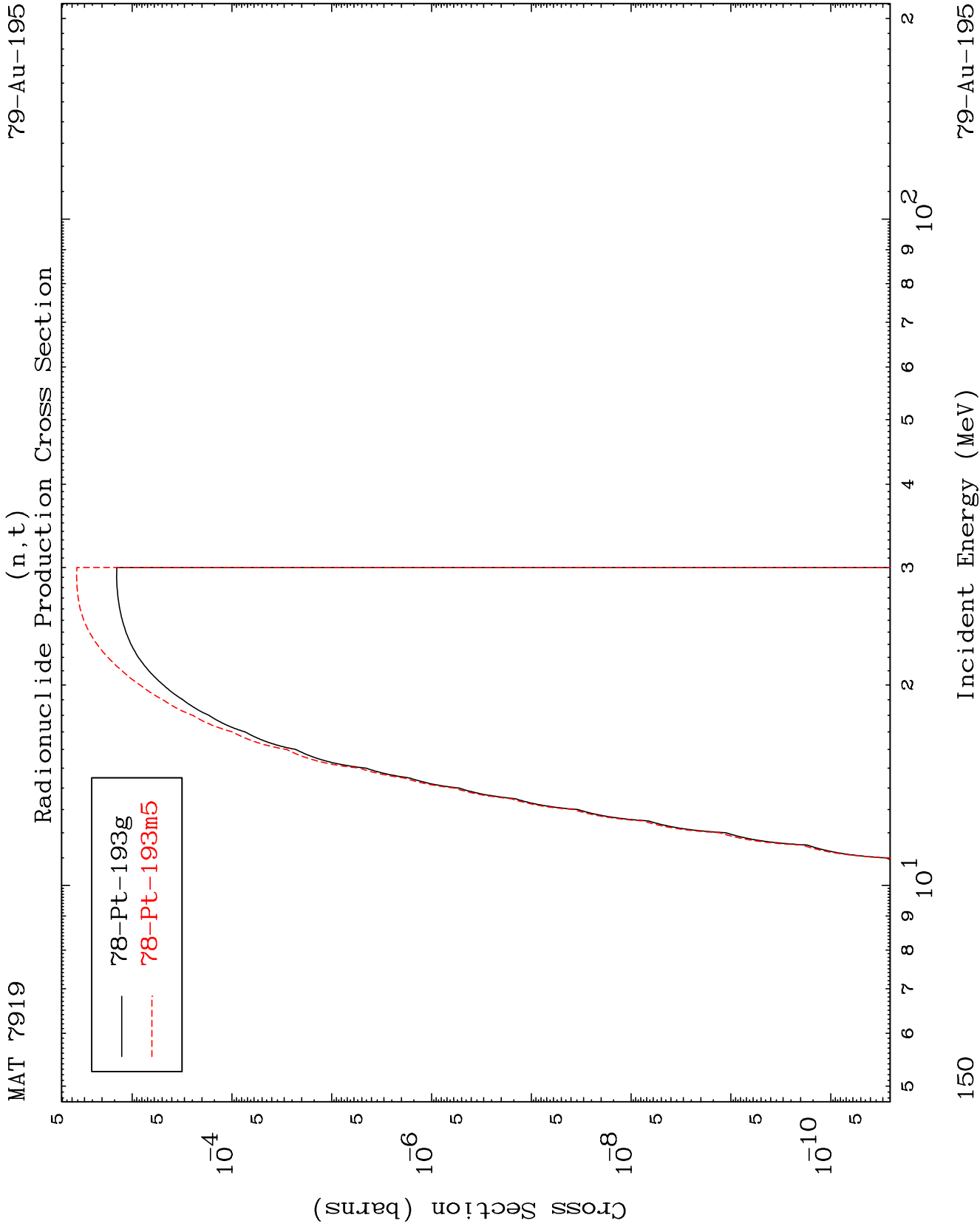


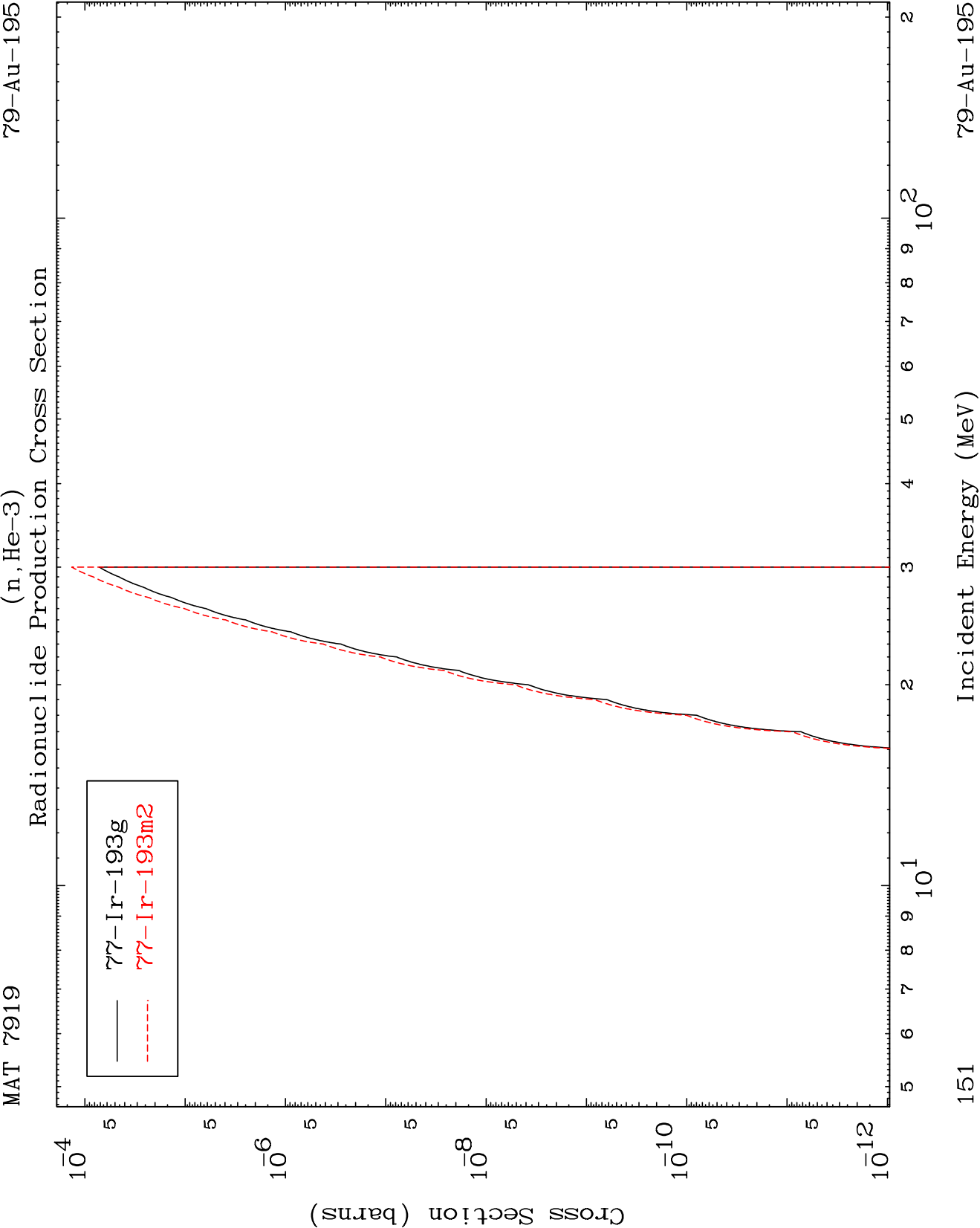
78-Pt-195g
78-Pt-195m7

79-Au-195

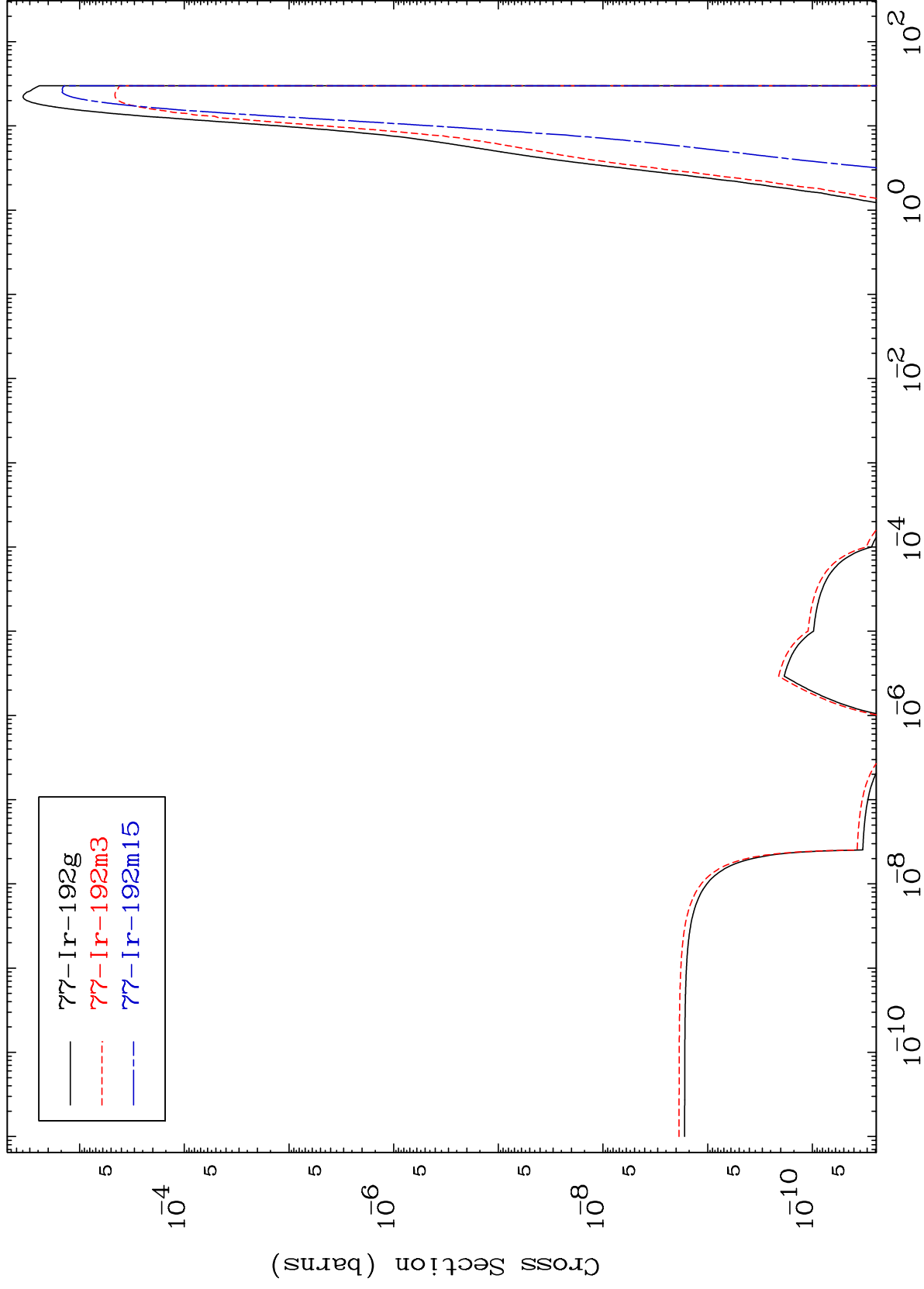
Incident Energy (MeV)

149

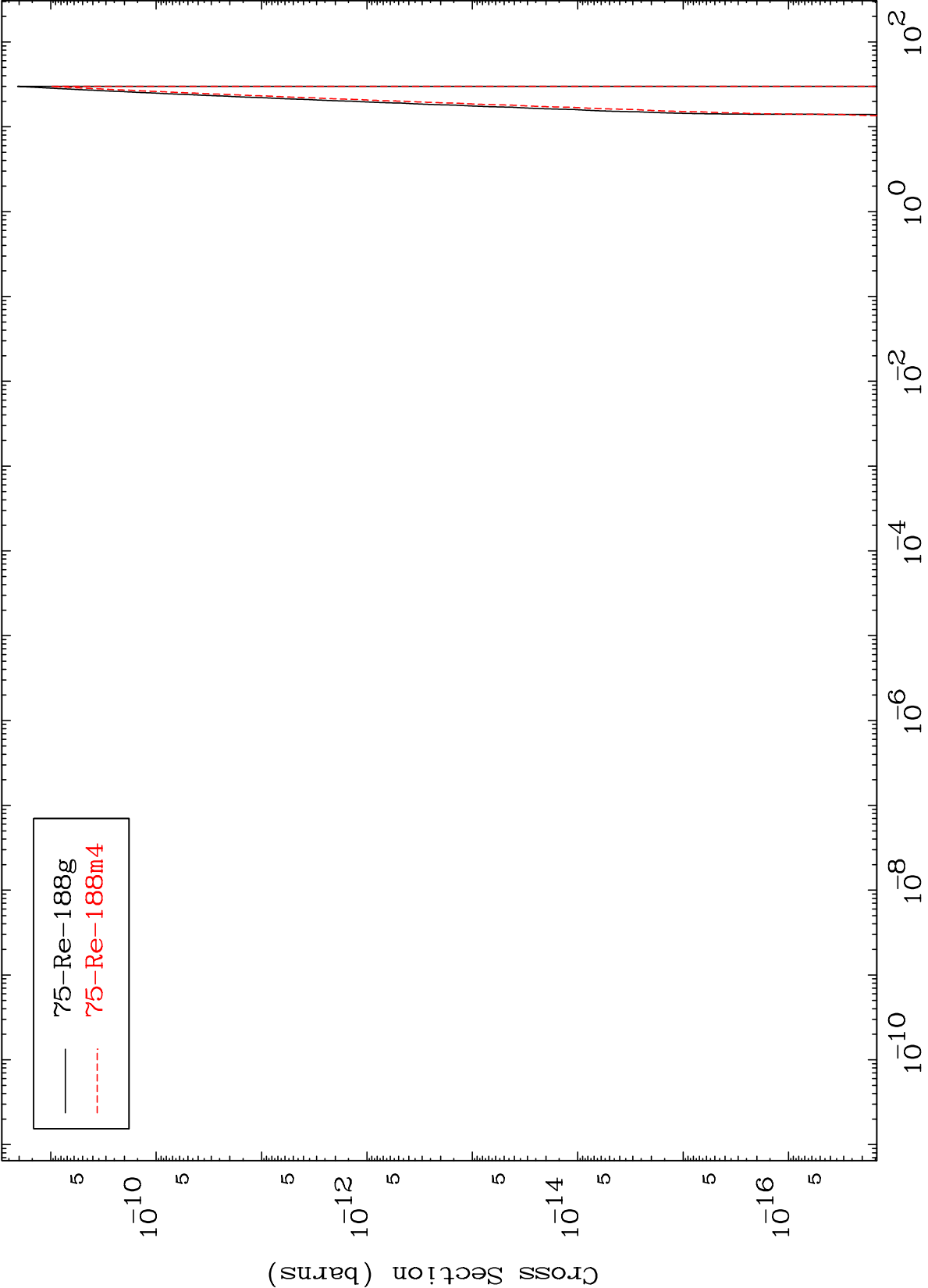




Radionuclide Production Cross Section
(n, α)



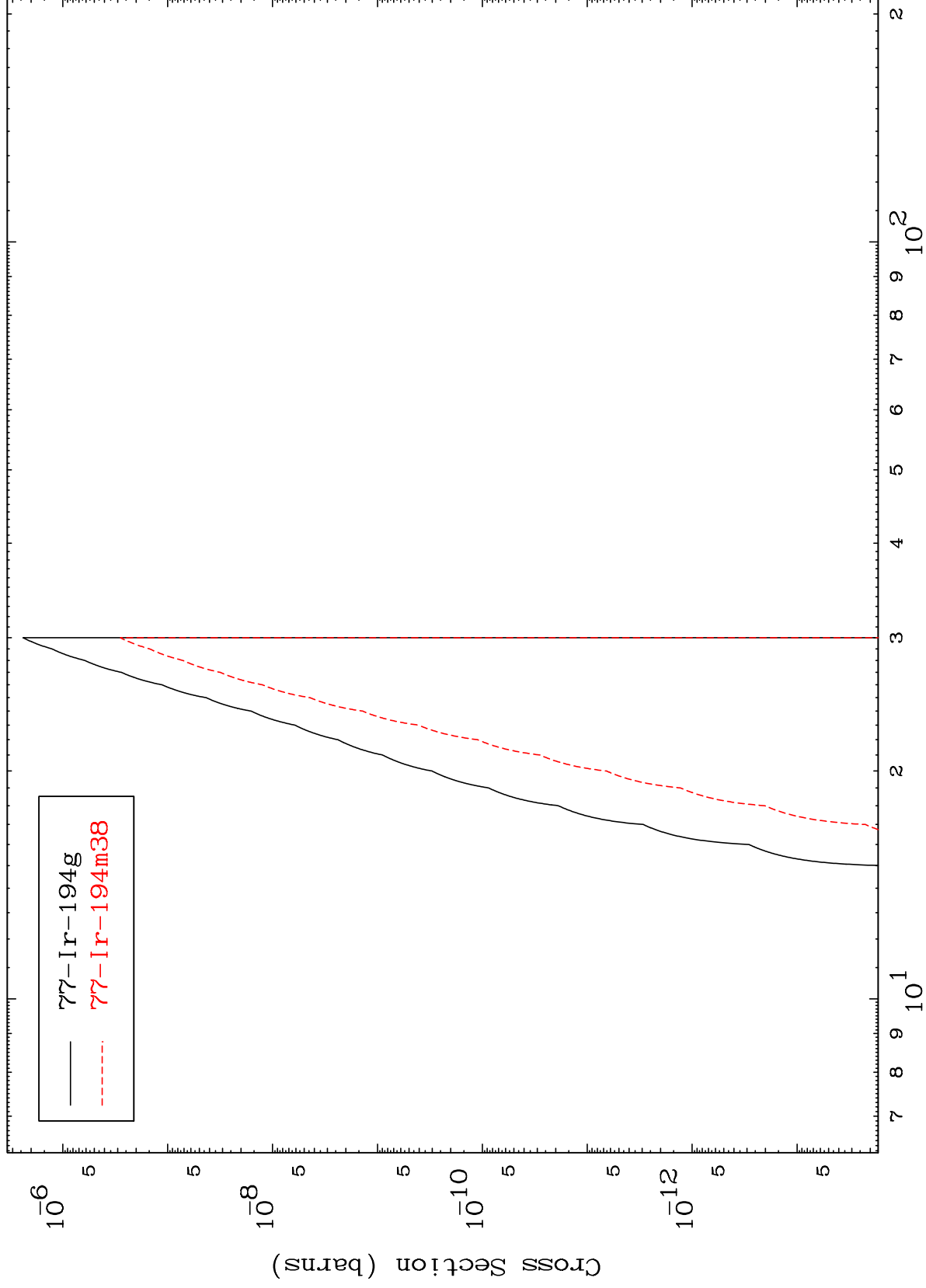
Radionuclide Production Cross Section



MAT 7919

79-Au-195

(n,2p)
Radionuclide Production Cross Section



154

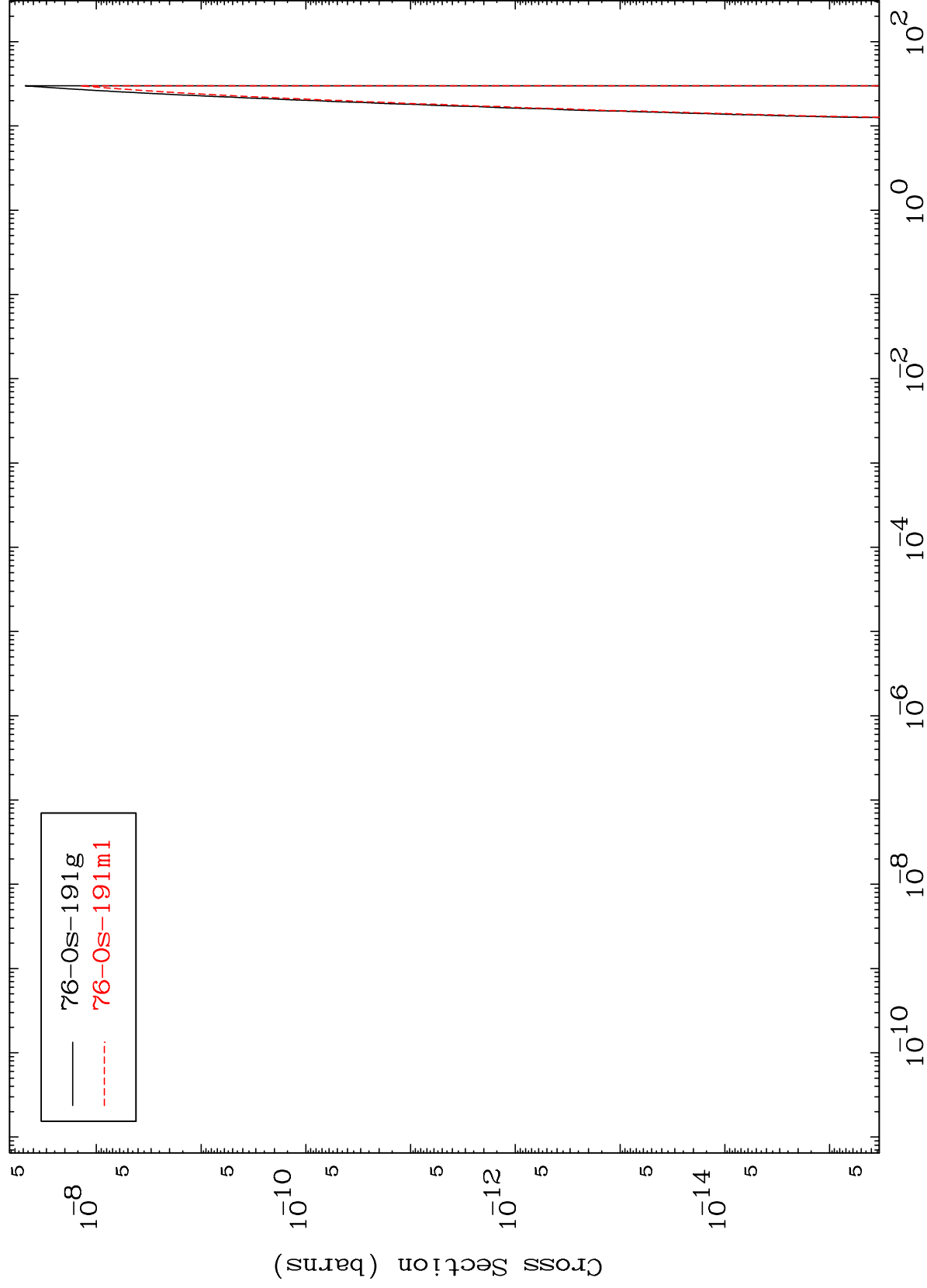
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

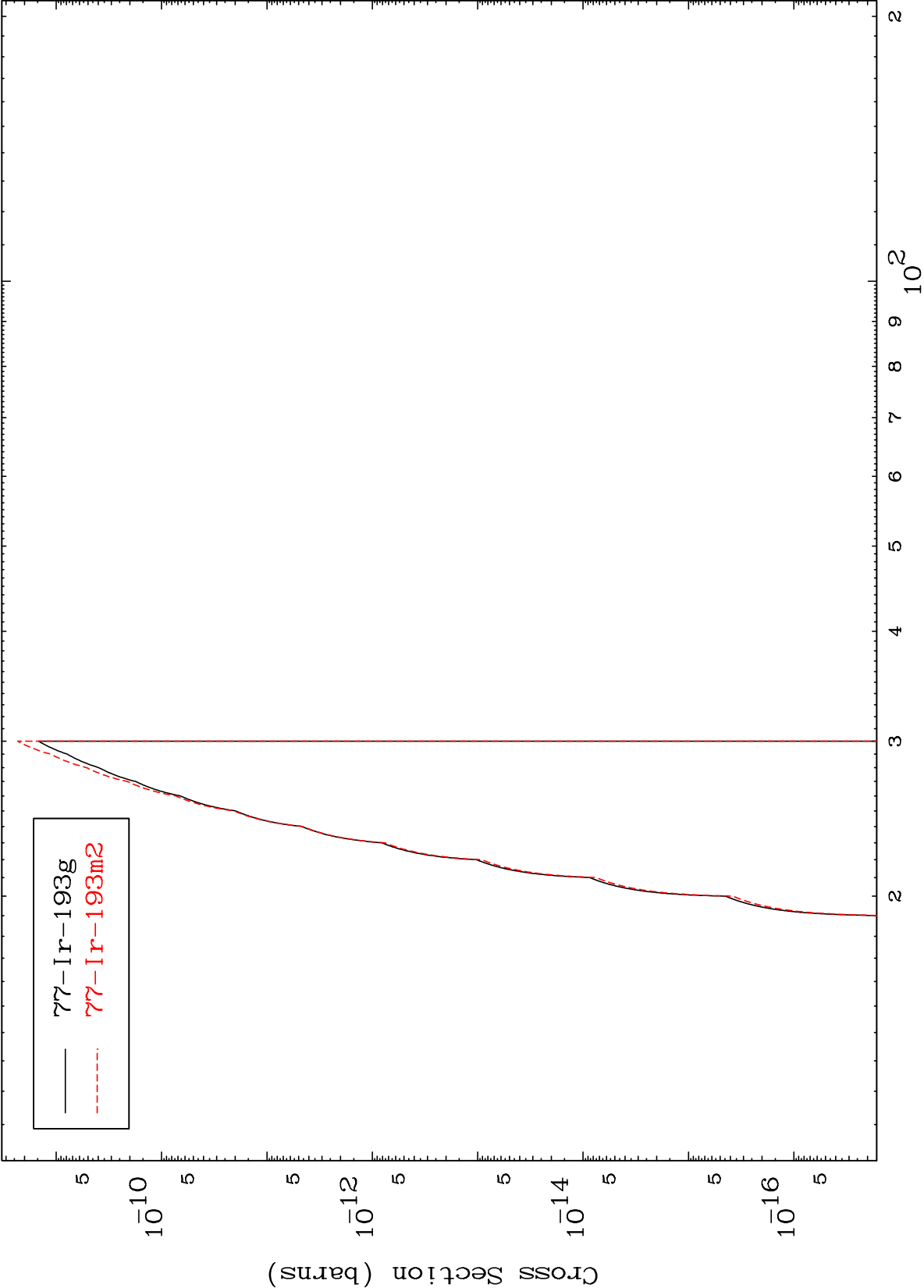
(n,p) α
Radionuclide Production Cross Section



155

79-Au-195

Radionuclide Production Cross Section



Radionuclide Production Cross Section

