

Program EVALPLOT
(Version 2021-1)

by

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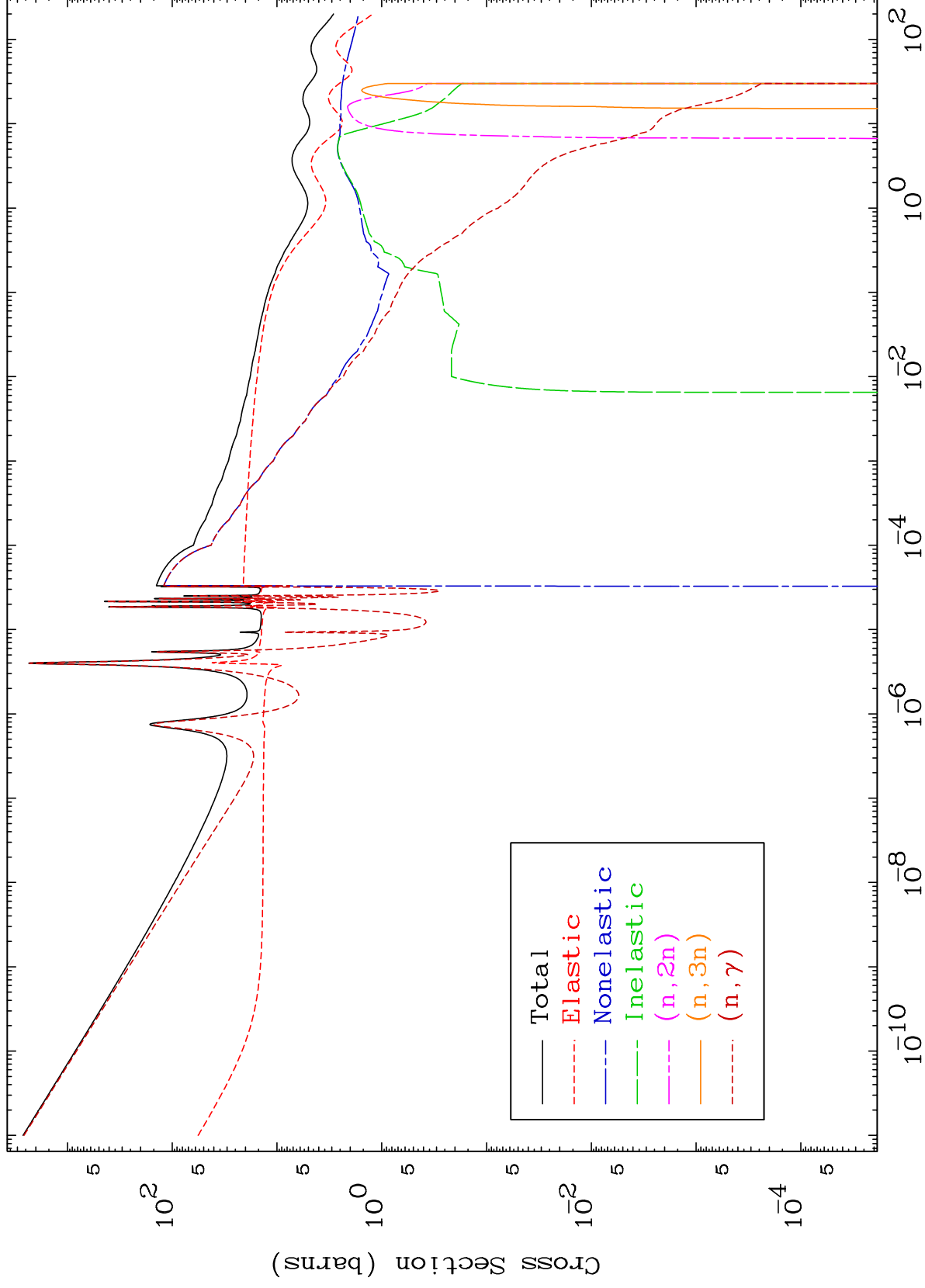
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7922

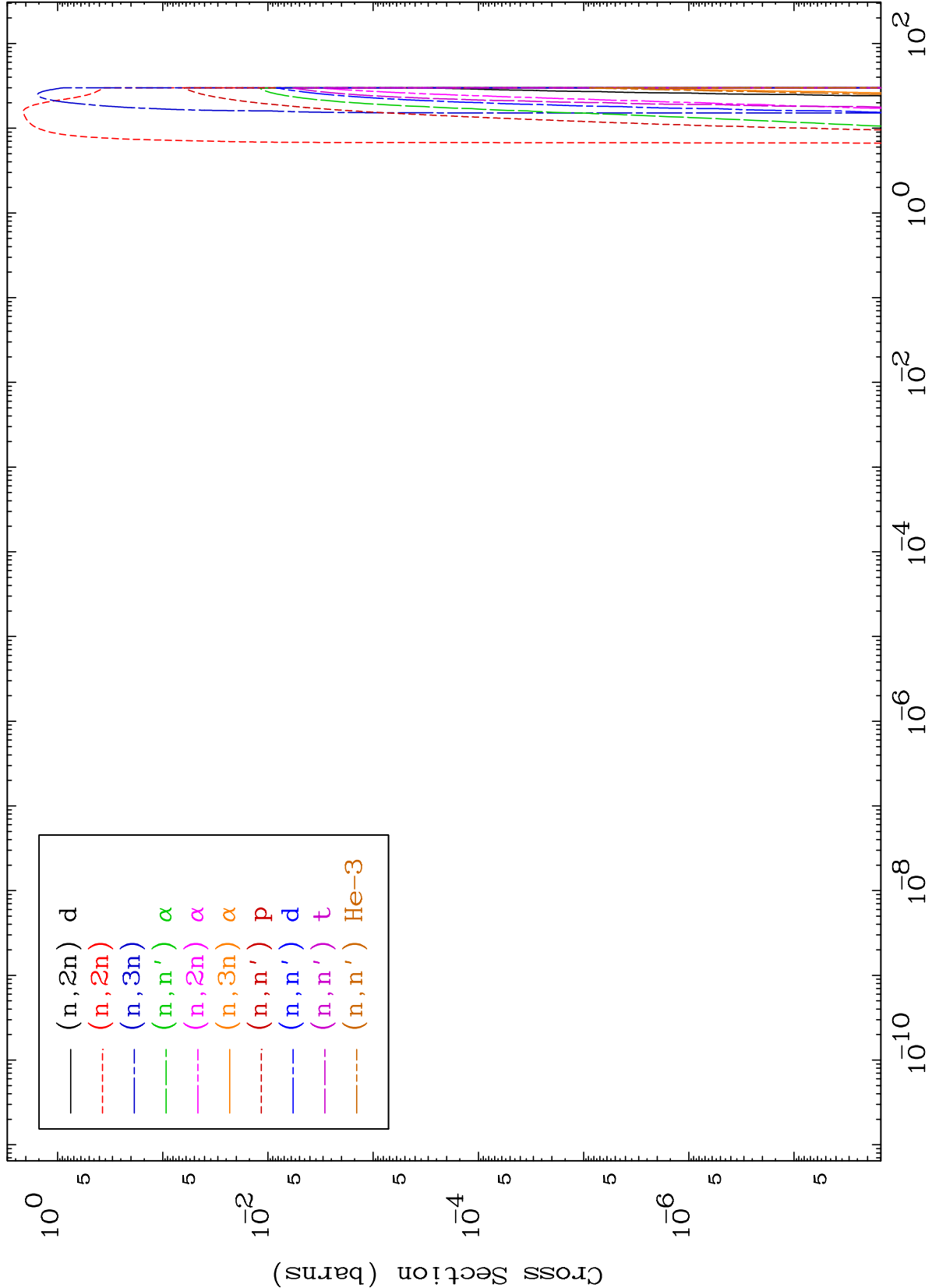
Neutron Major
293 Kelvin Cross Sections

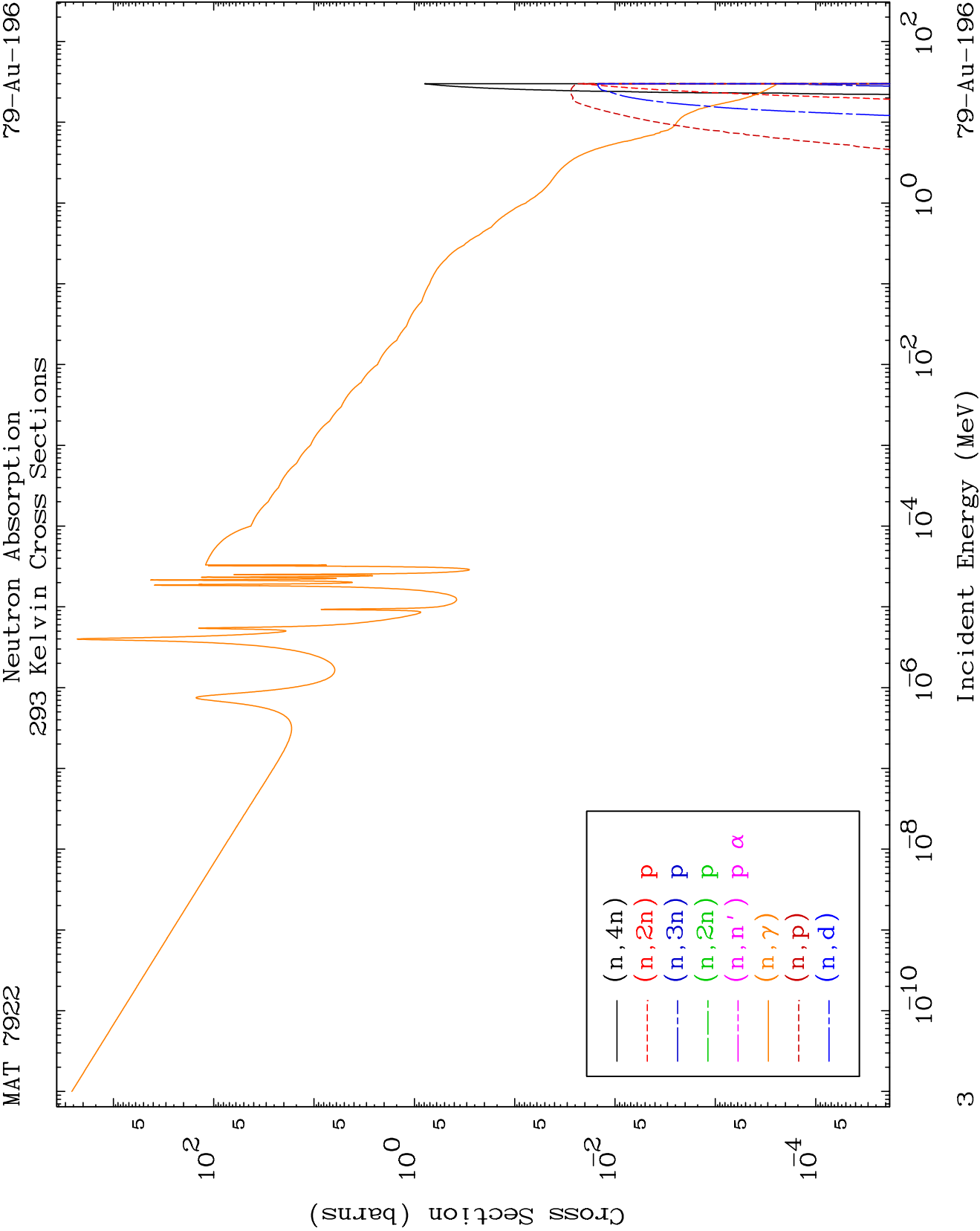
79-Au-196

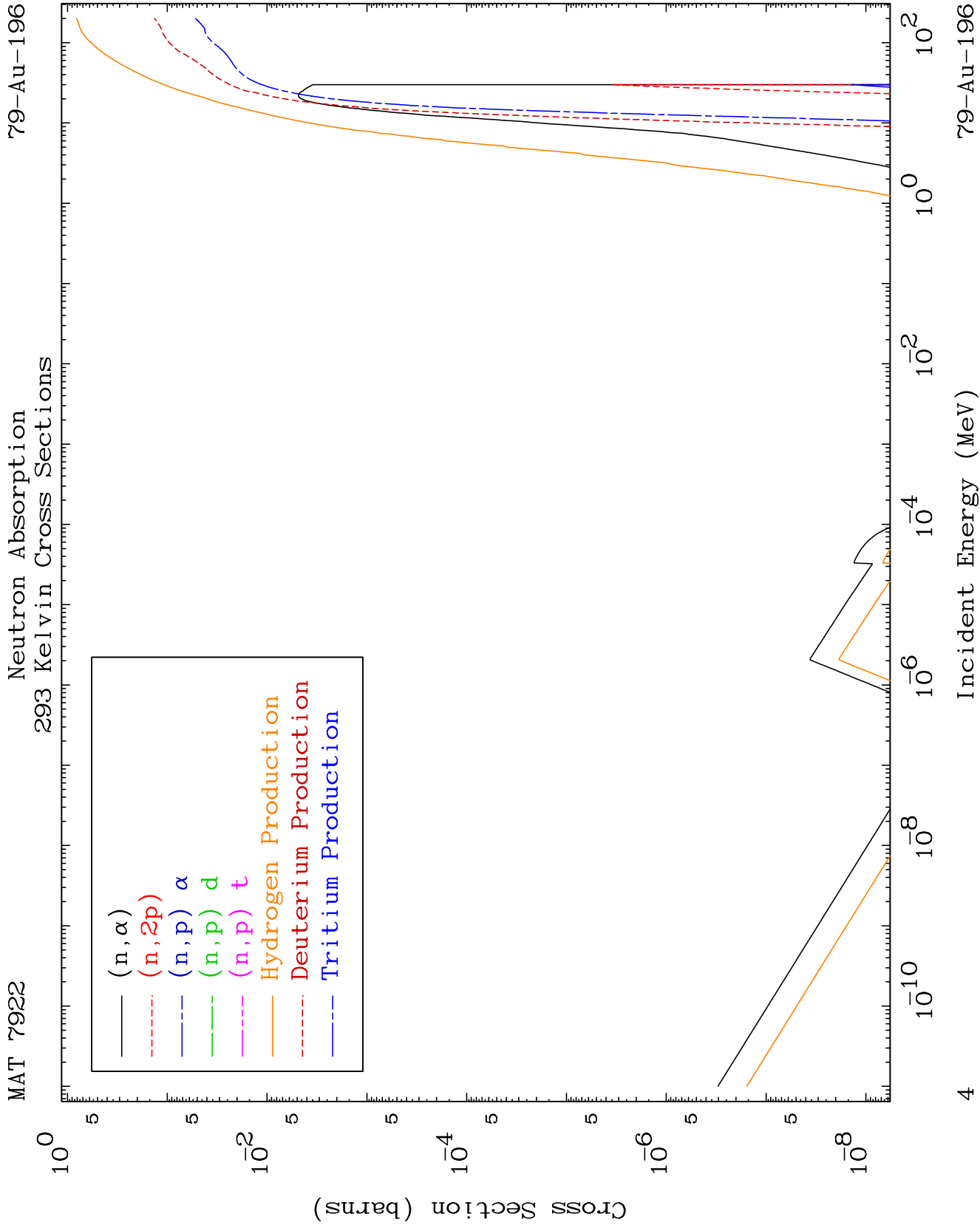


1

79-Au-196



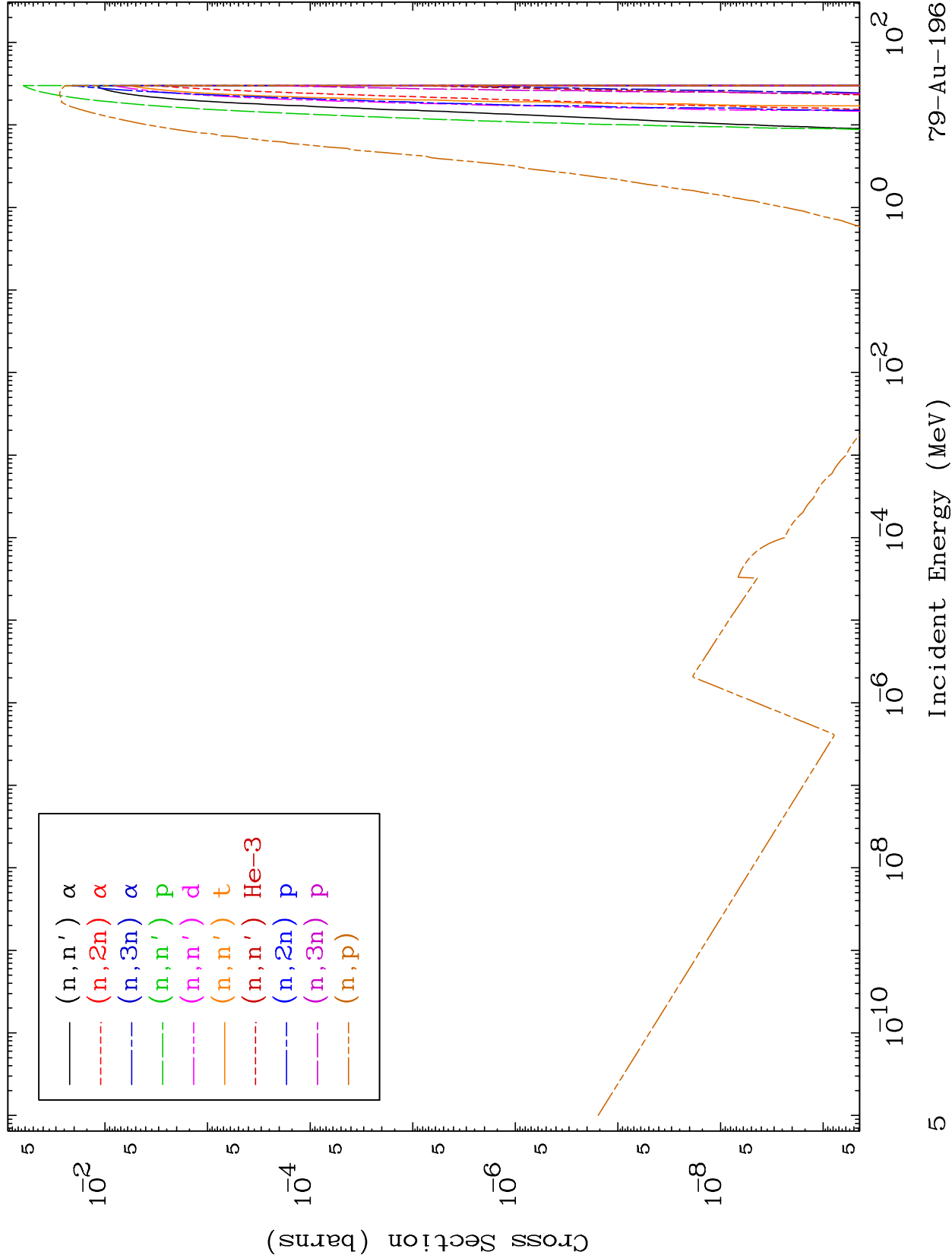


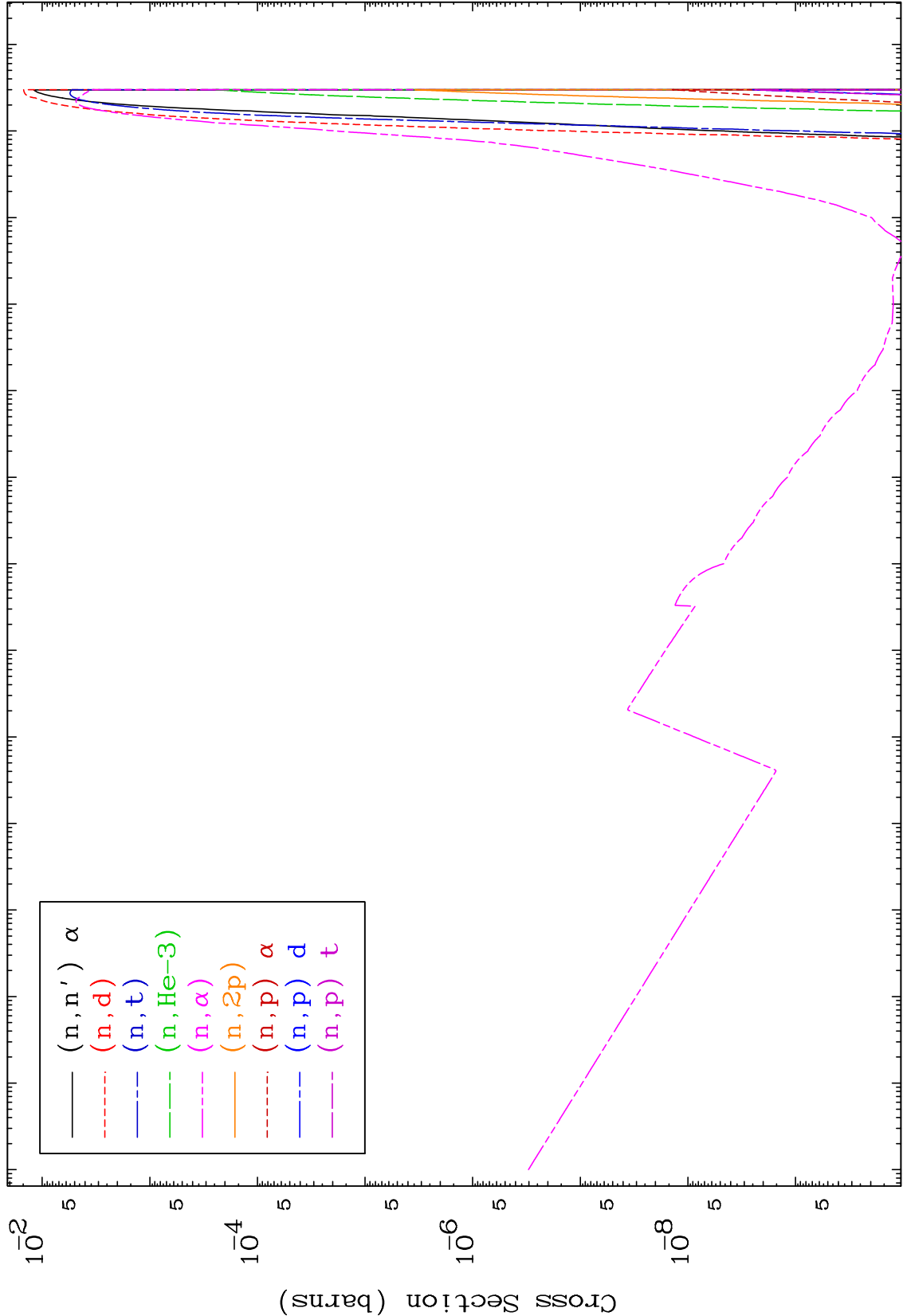


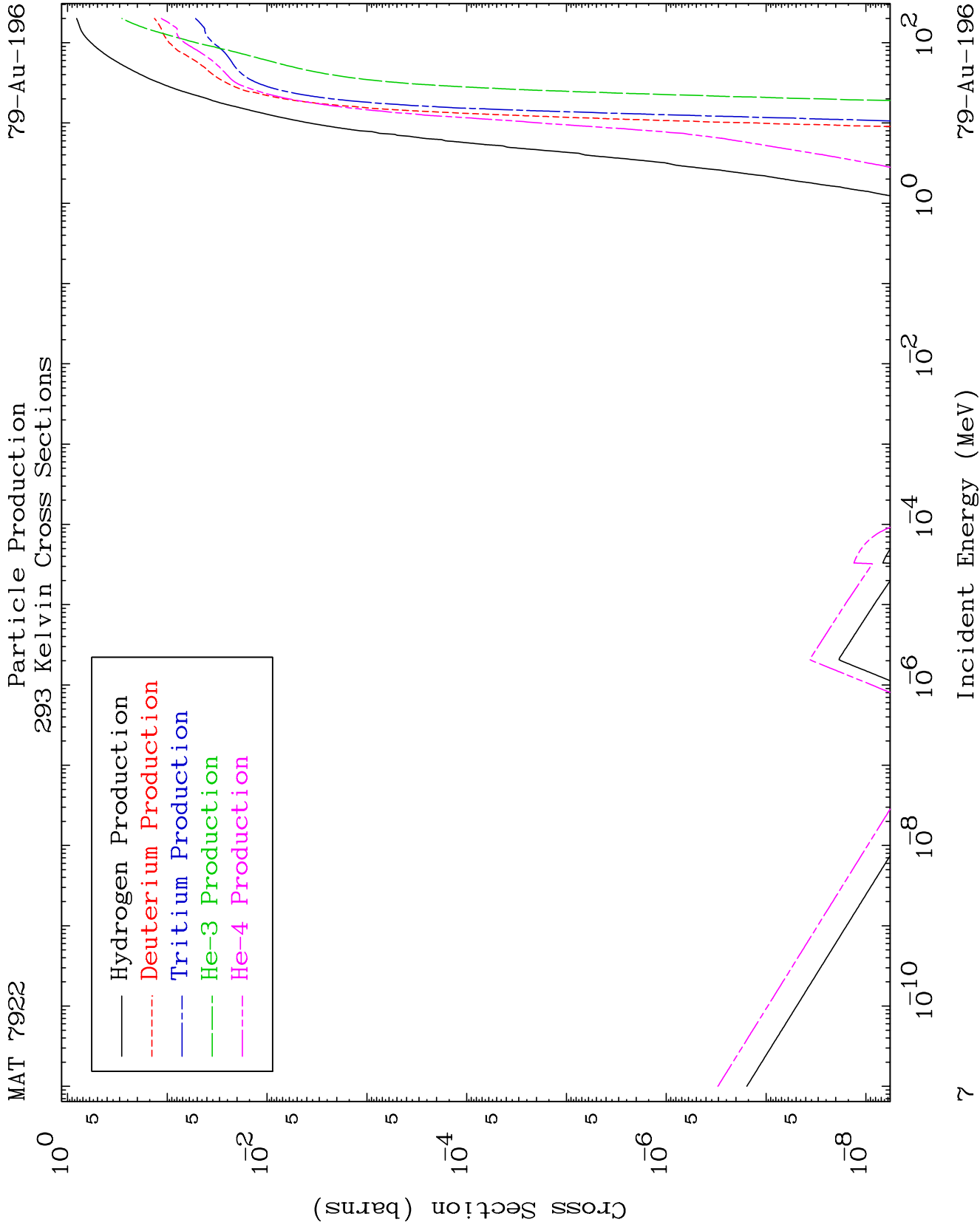
MAT 7922

Charged Particle
293 Kelvin Cross Sections

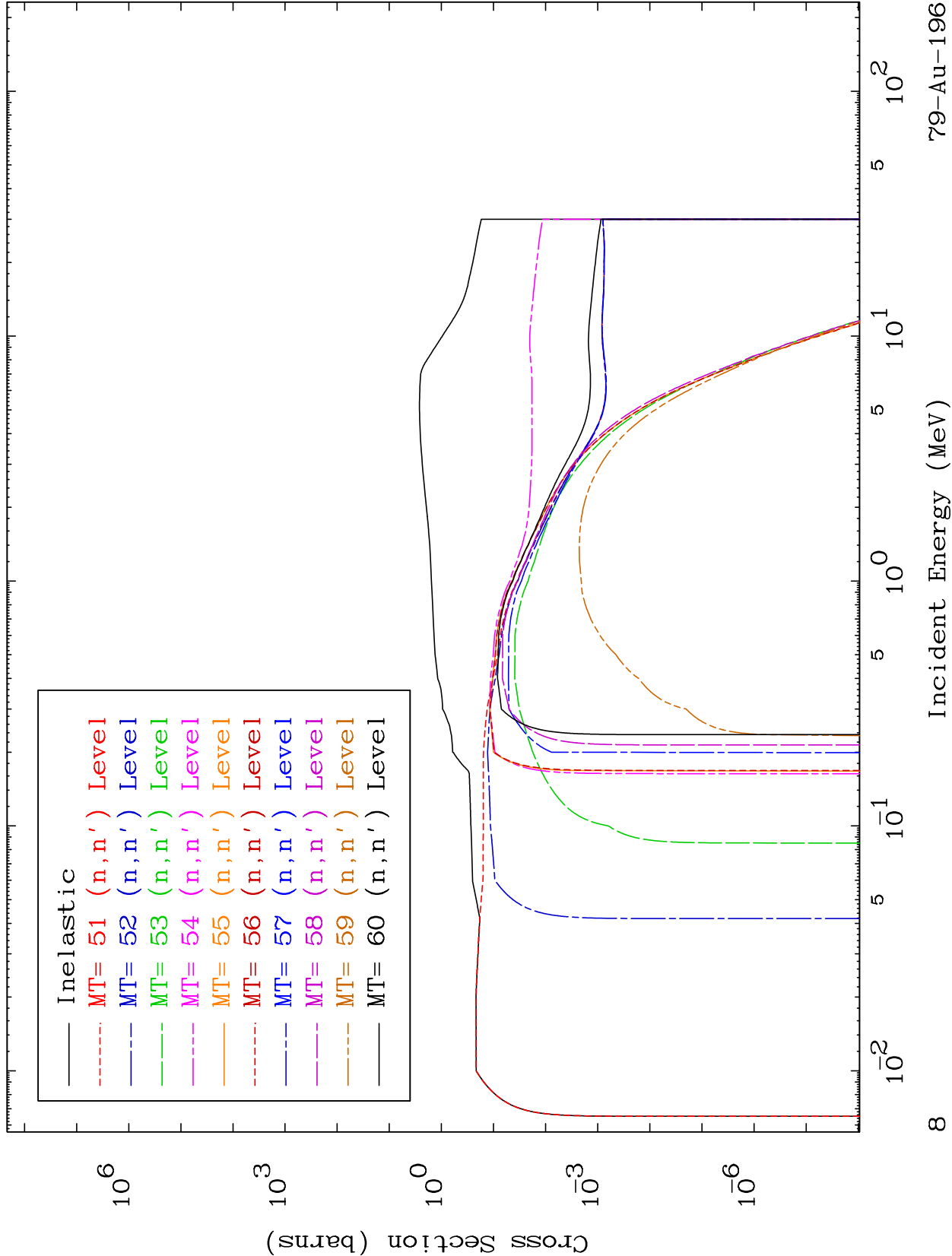
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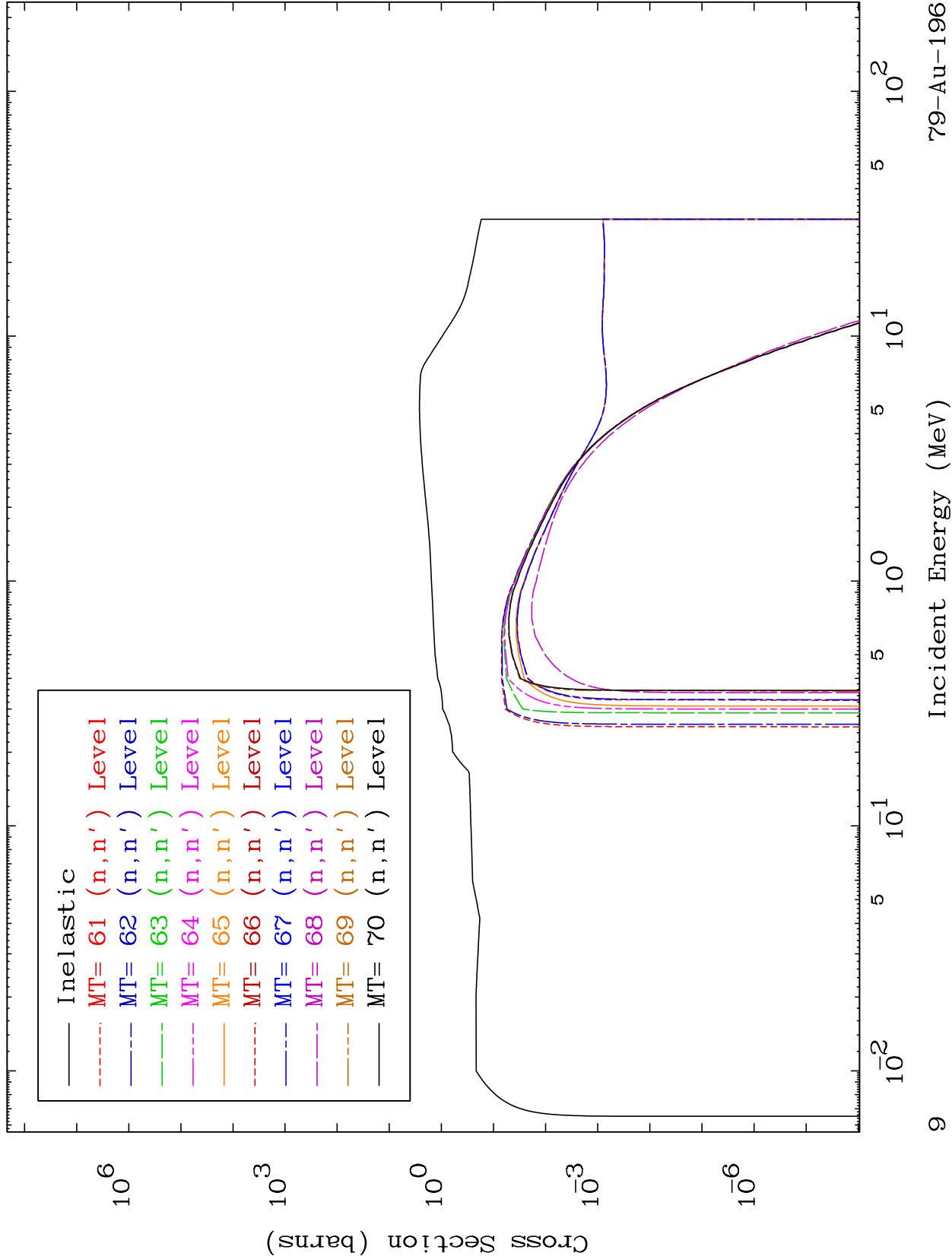






(n,n') Levels
293 Kelvin Cross Sections

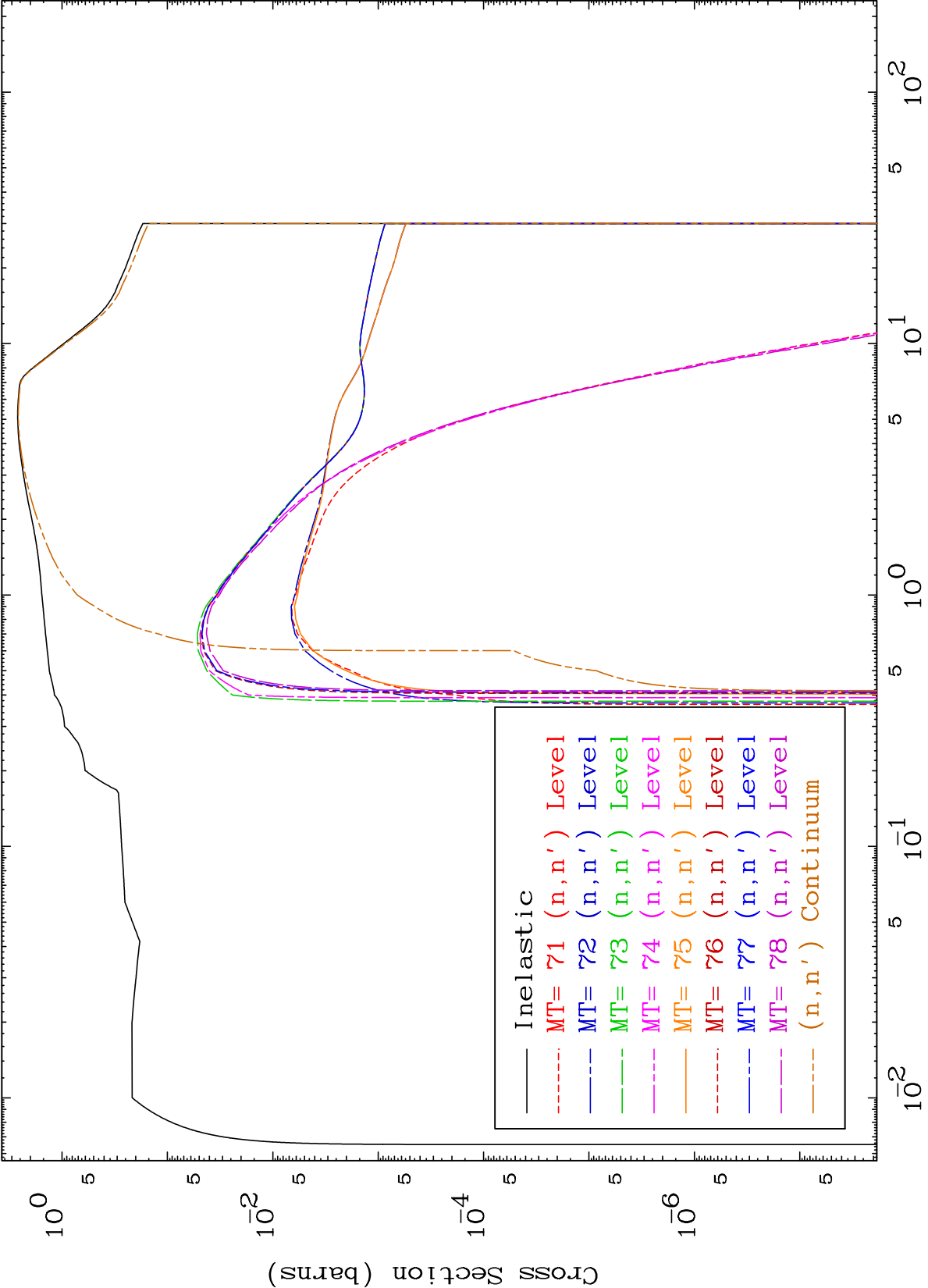




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79-Au-196

(n,n') Levels
293 Kelvin Cross Sections



79-Au-196

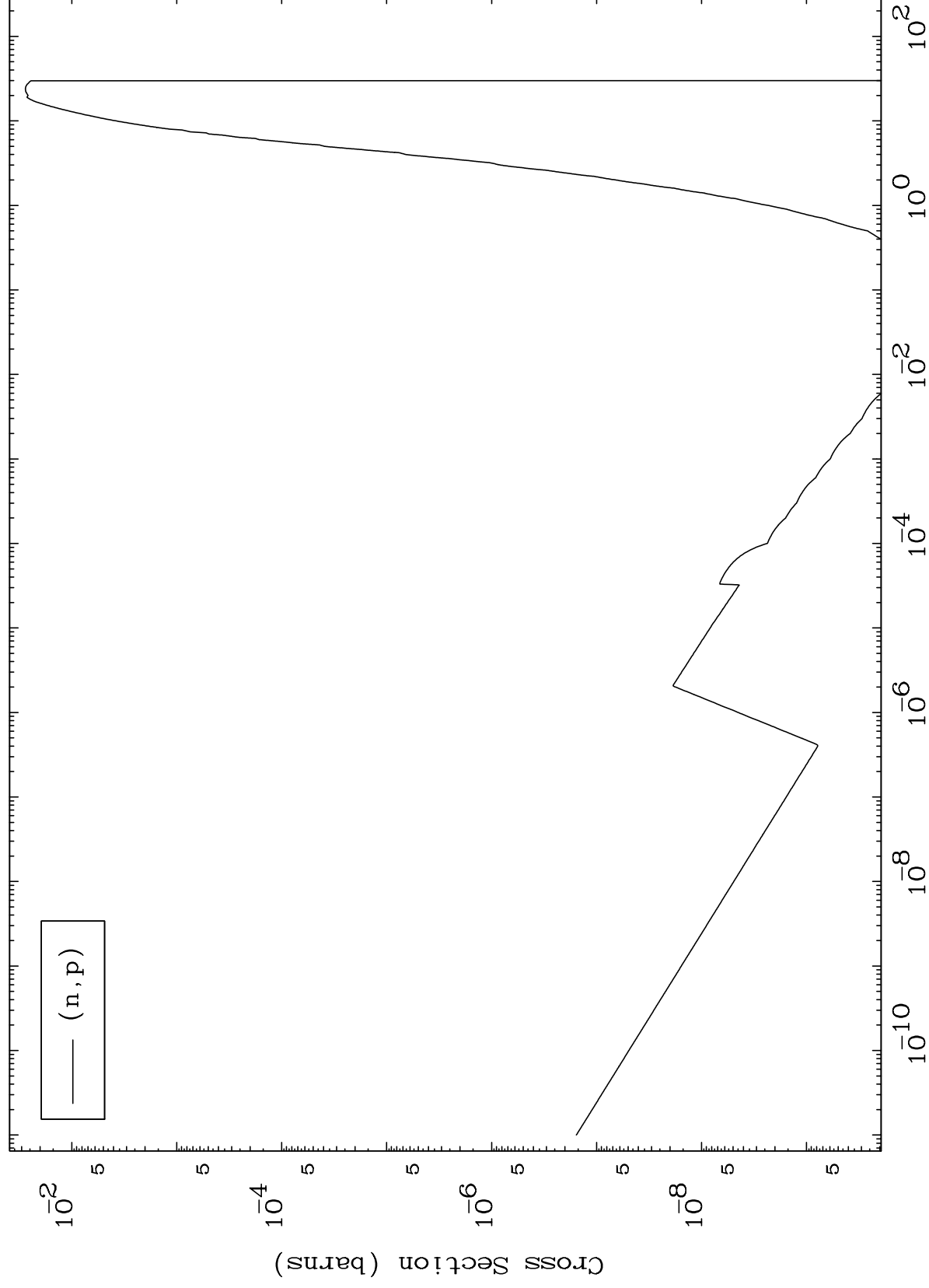
Incident Energy (MeV)

10

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(n,p) Levels
293 Kelvin Cross Sections

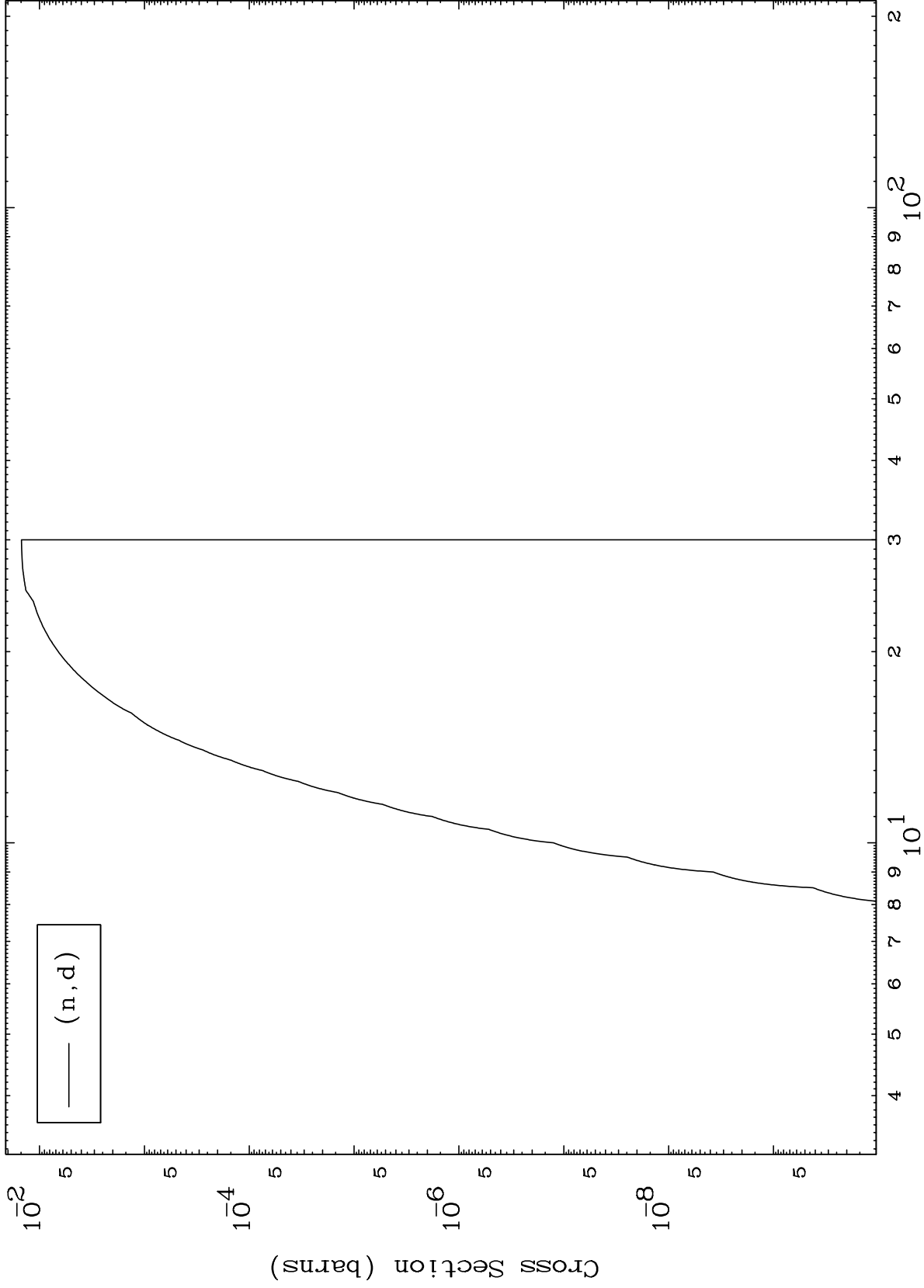
79-Au-196



MAT 7922

79-Au-196

(n,d) Levels
293 Kelvin Cross Sections



79-Au-196

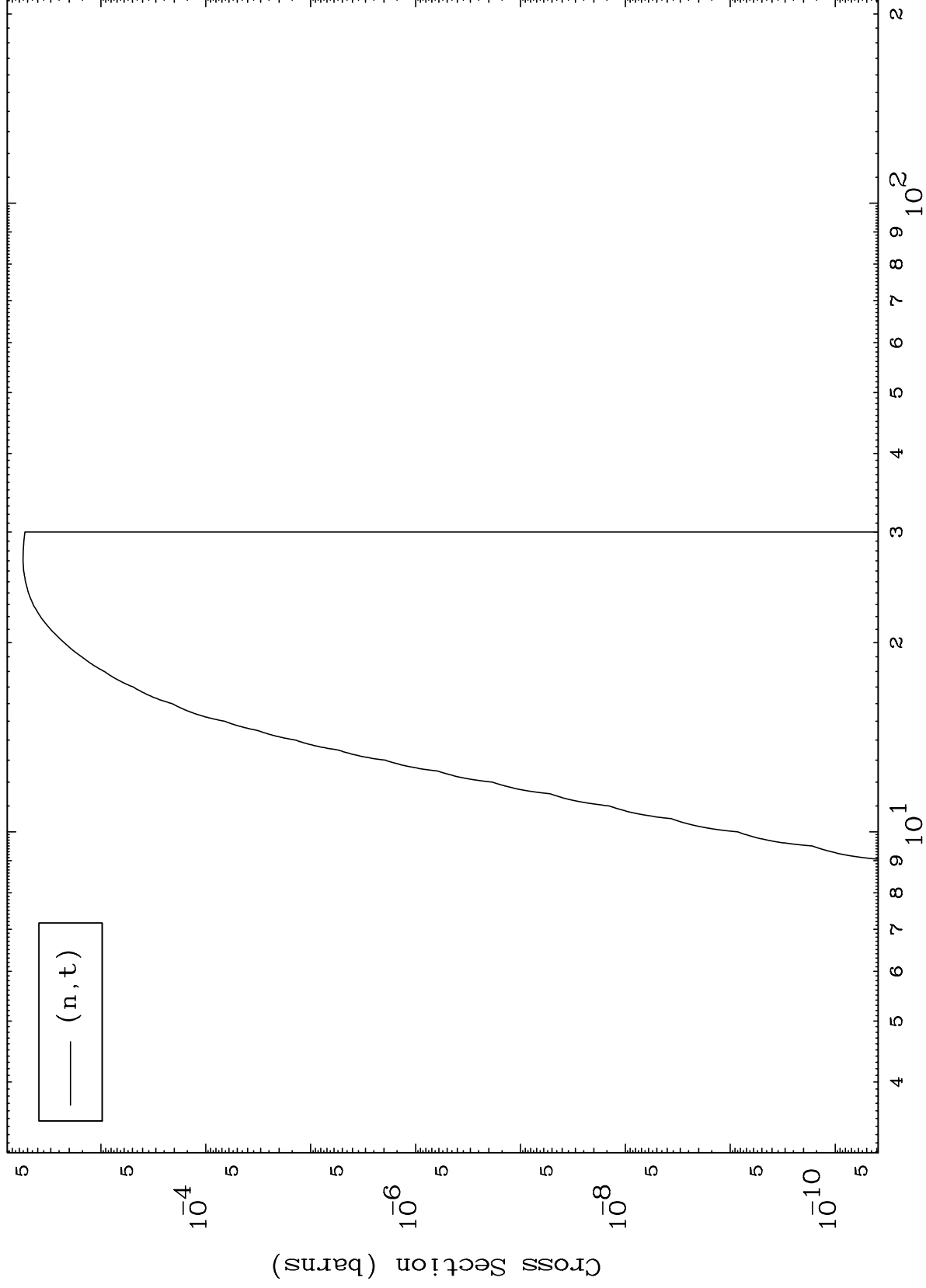
Incident Energy (MeV)

12

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79-Au-196

(n,t) Levels
293 Kelvin Cross Sections



13

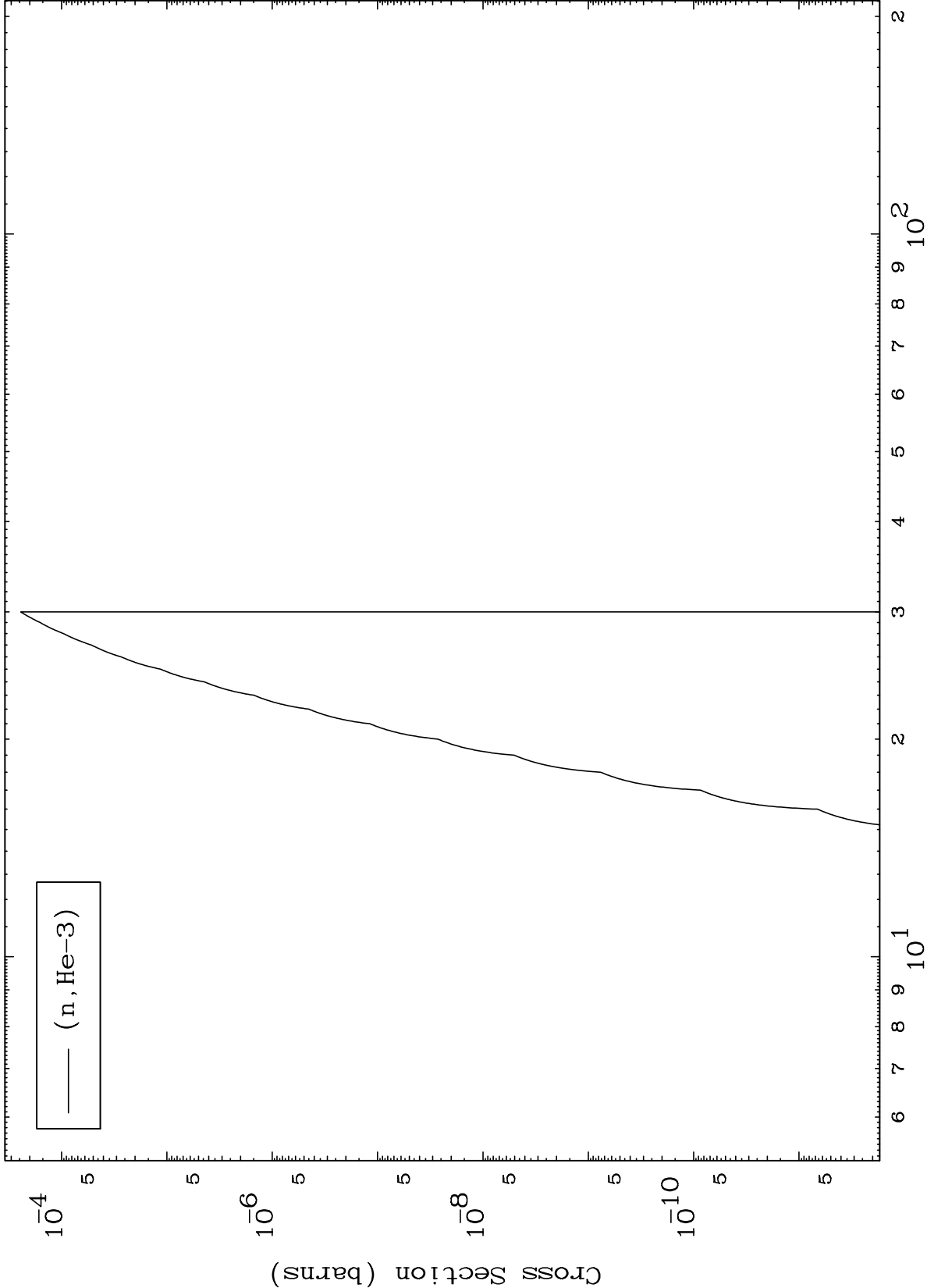
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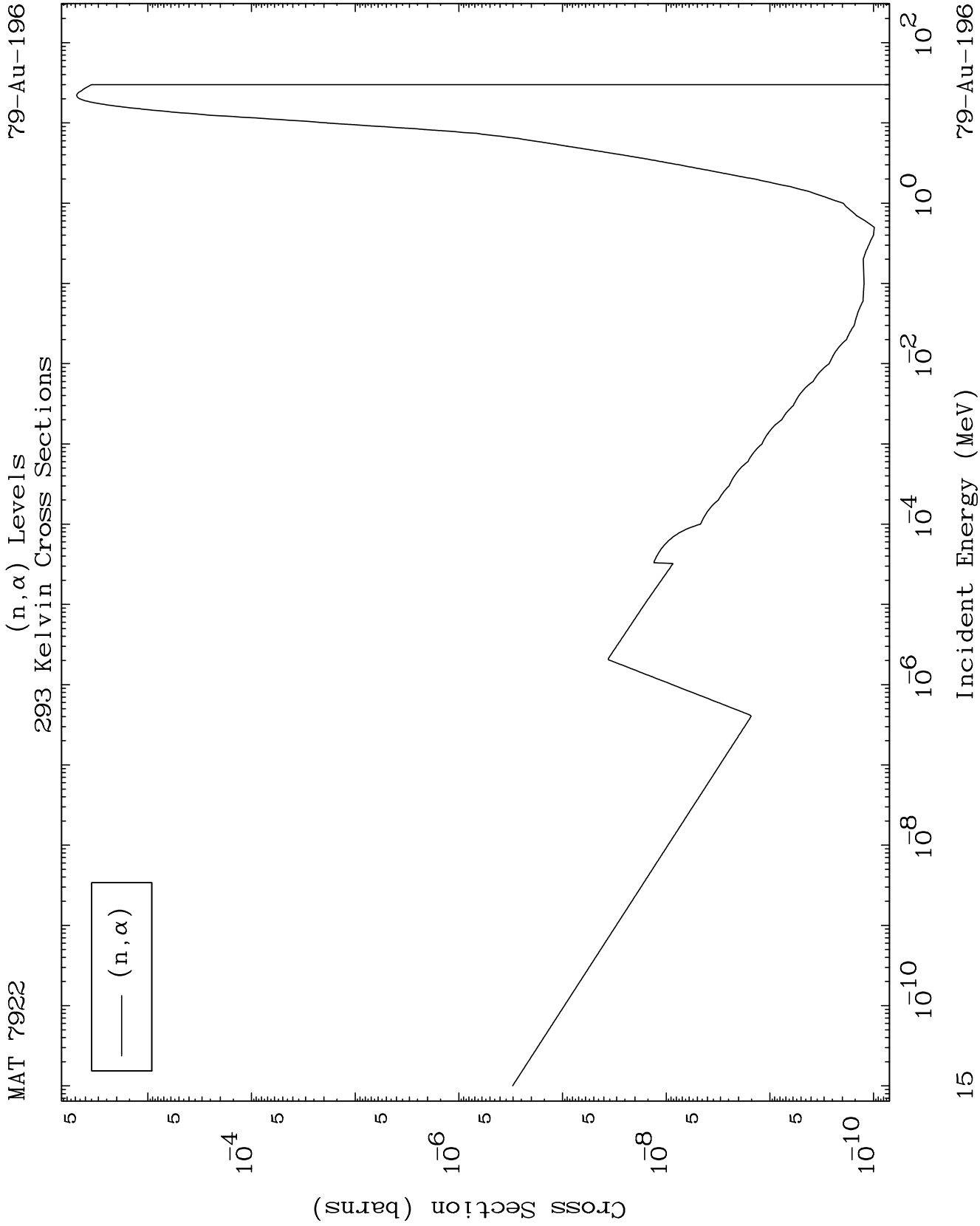
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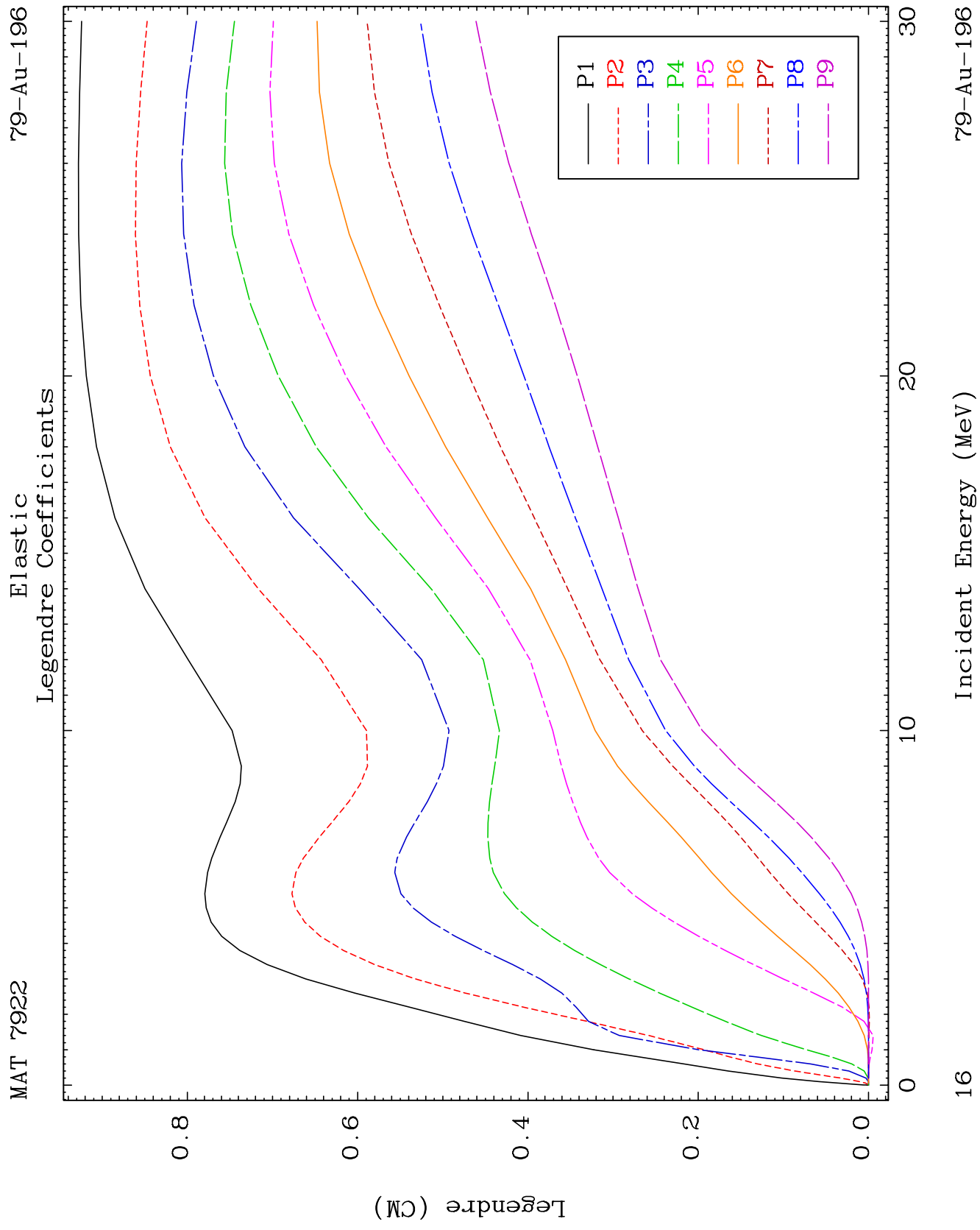
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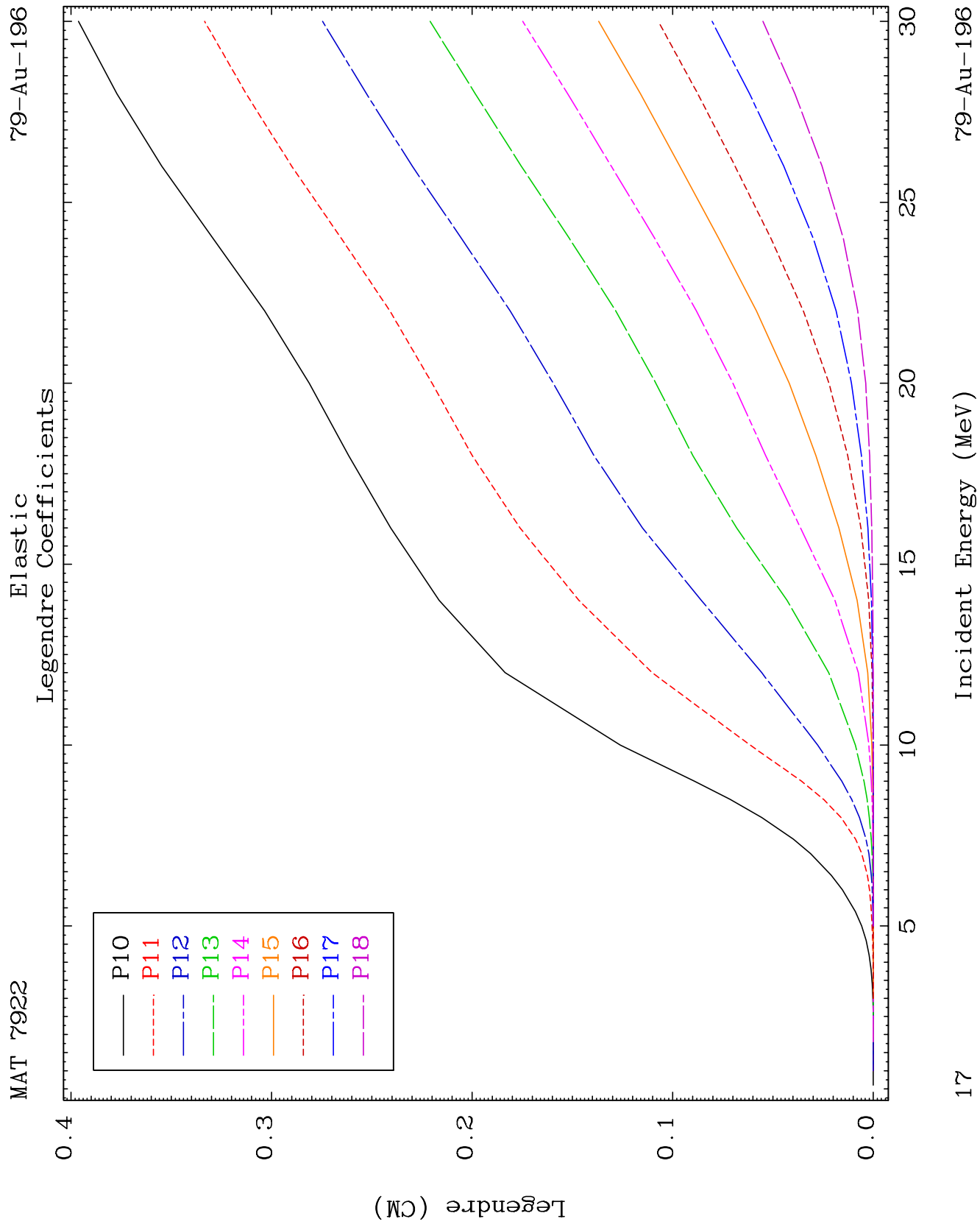
(n,He3) Levels
293 Kelvin Cross Sections

79-Au-196





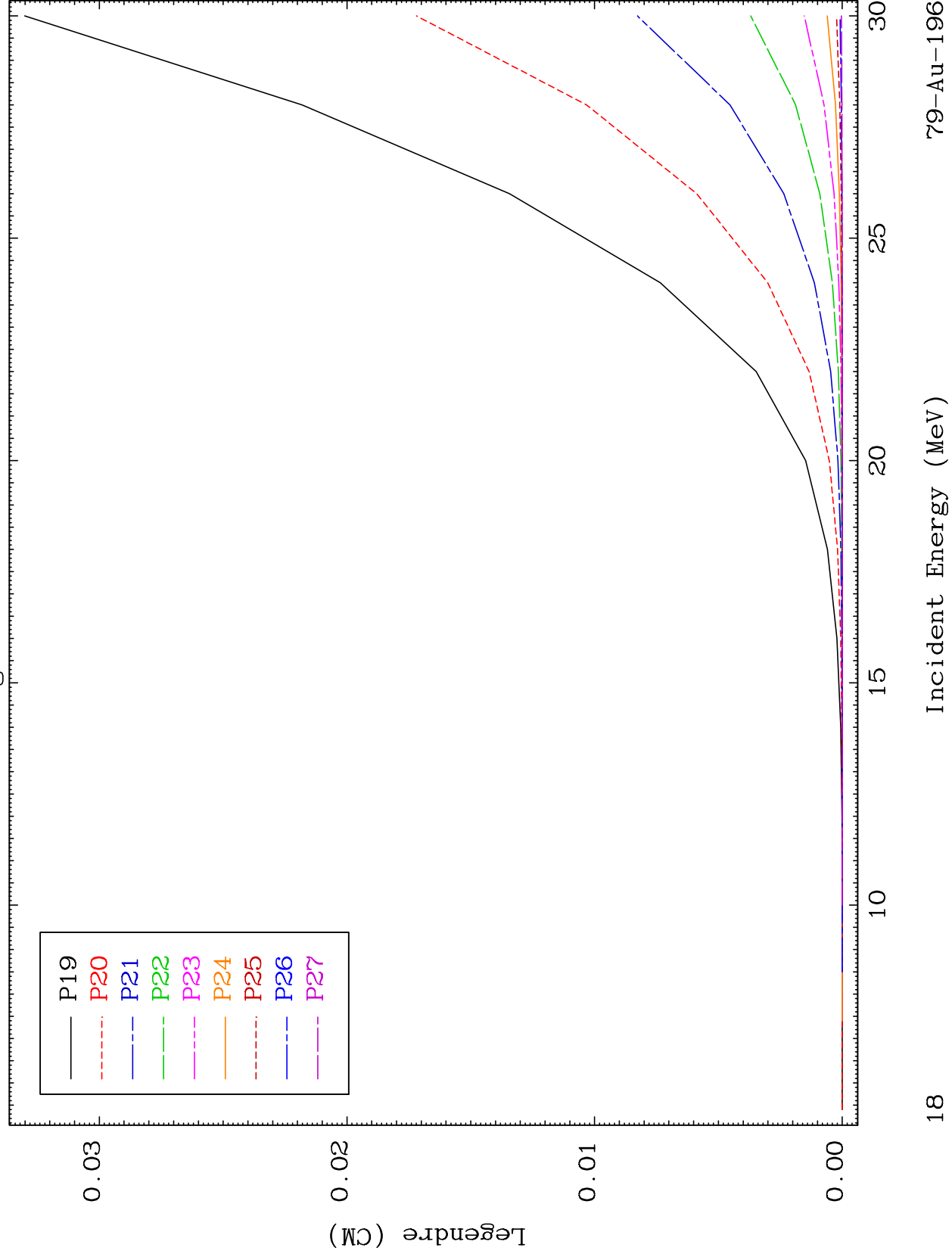


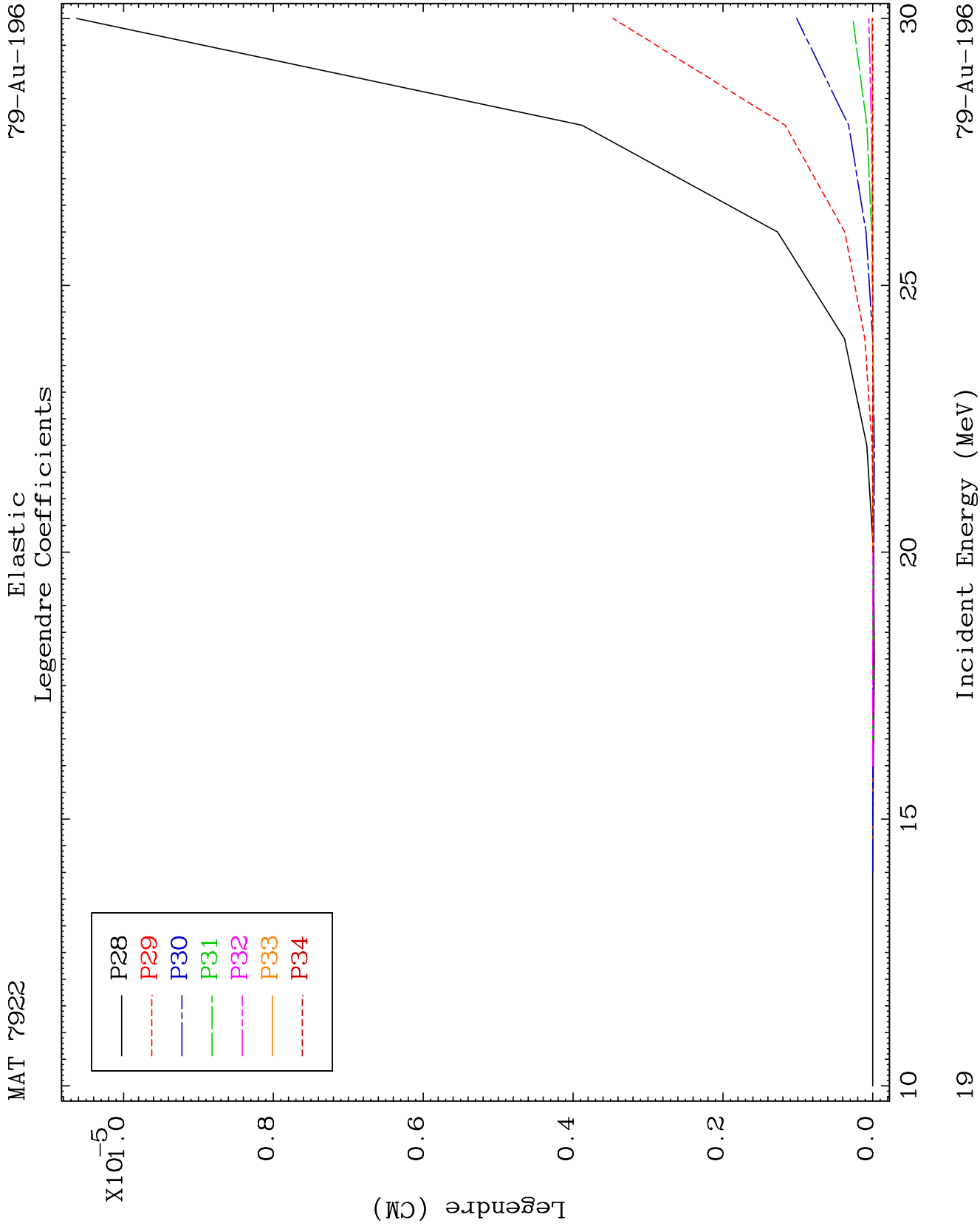


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Elastic Legendre Coefficients

79-Au-196

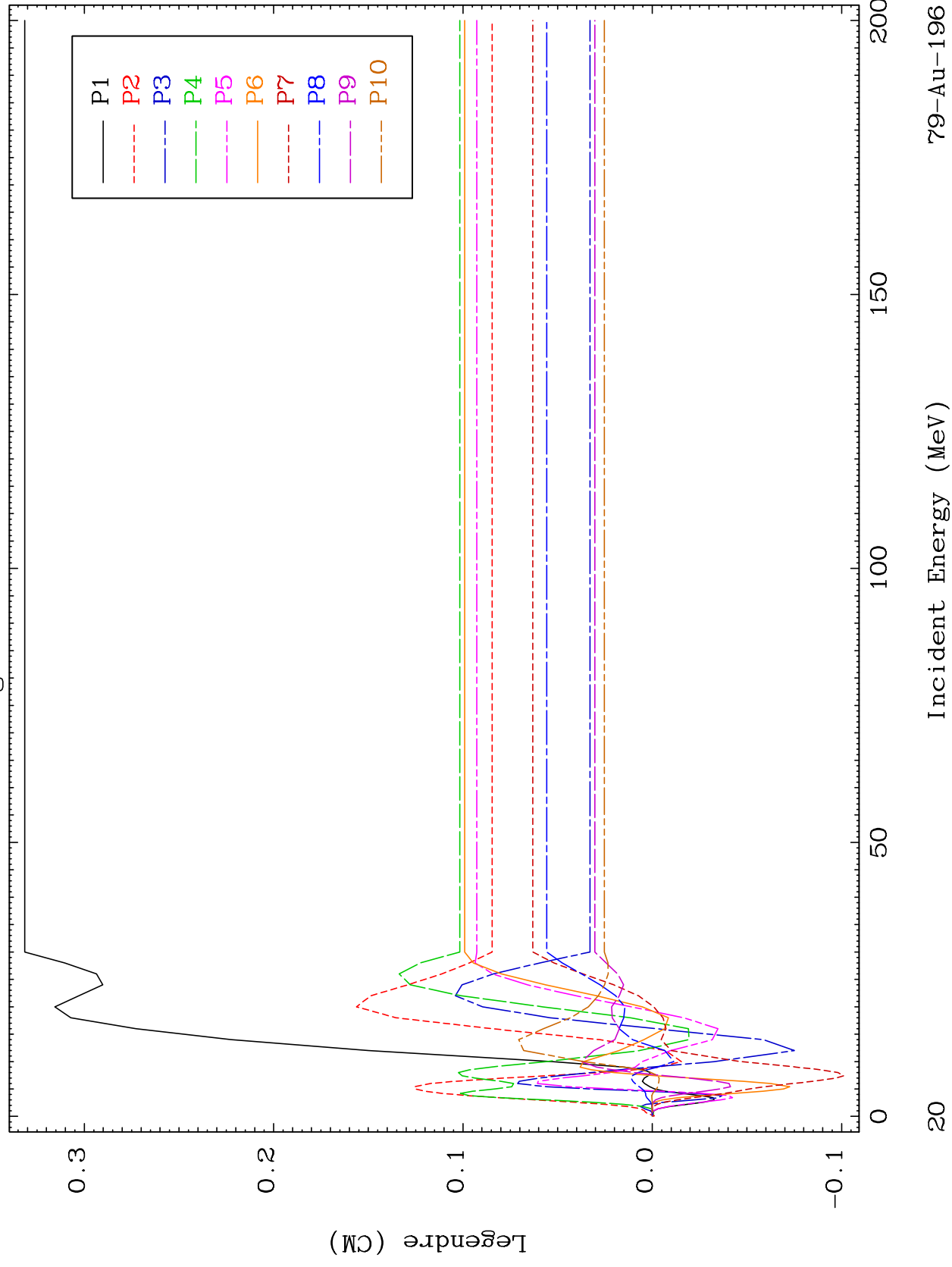




MAT 7922

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

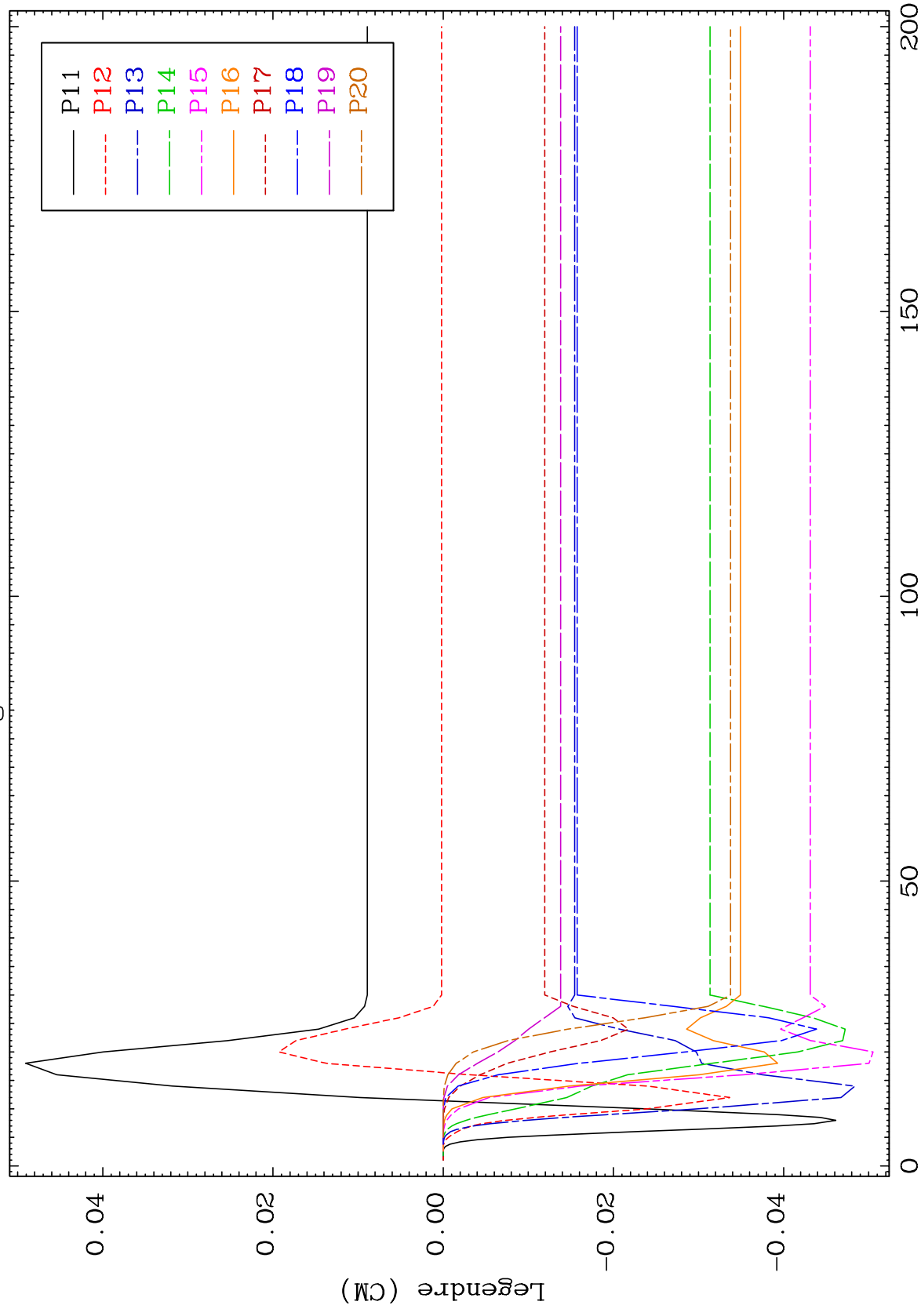
79-Au-196



MAT 7922

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

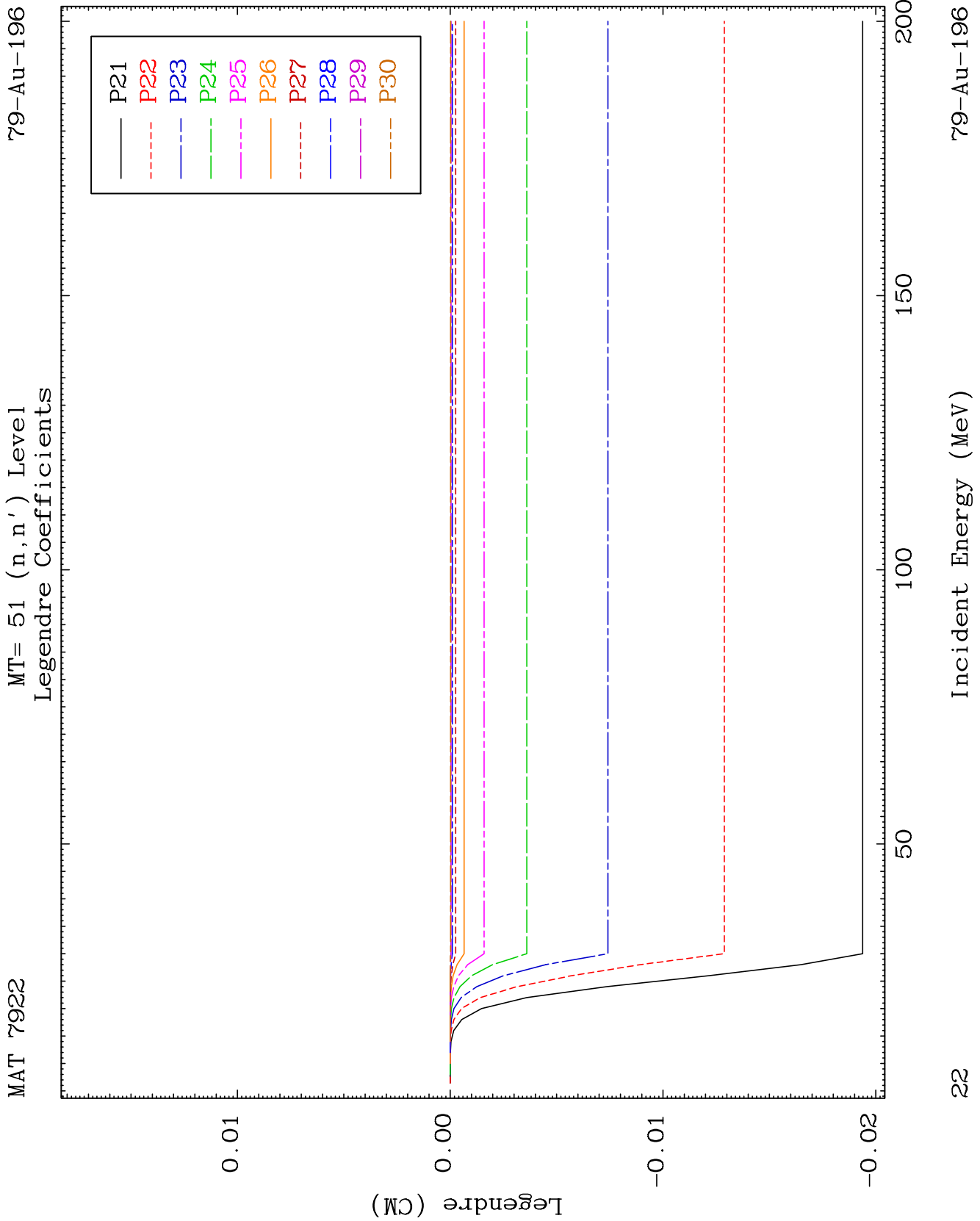
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21

Incident Energy (MeV)

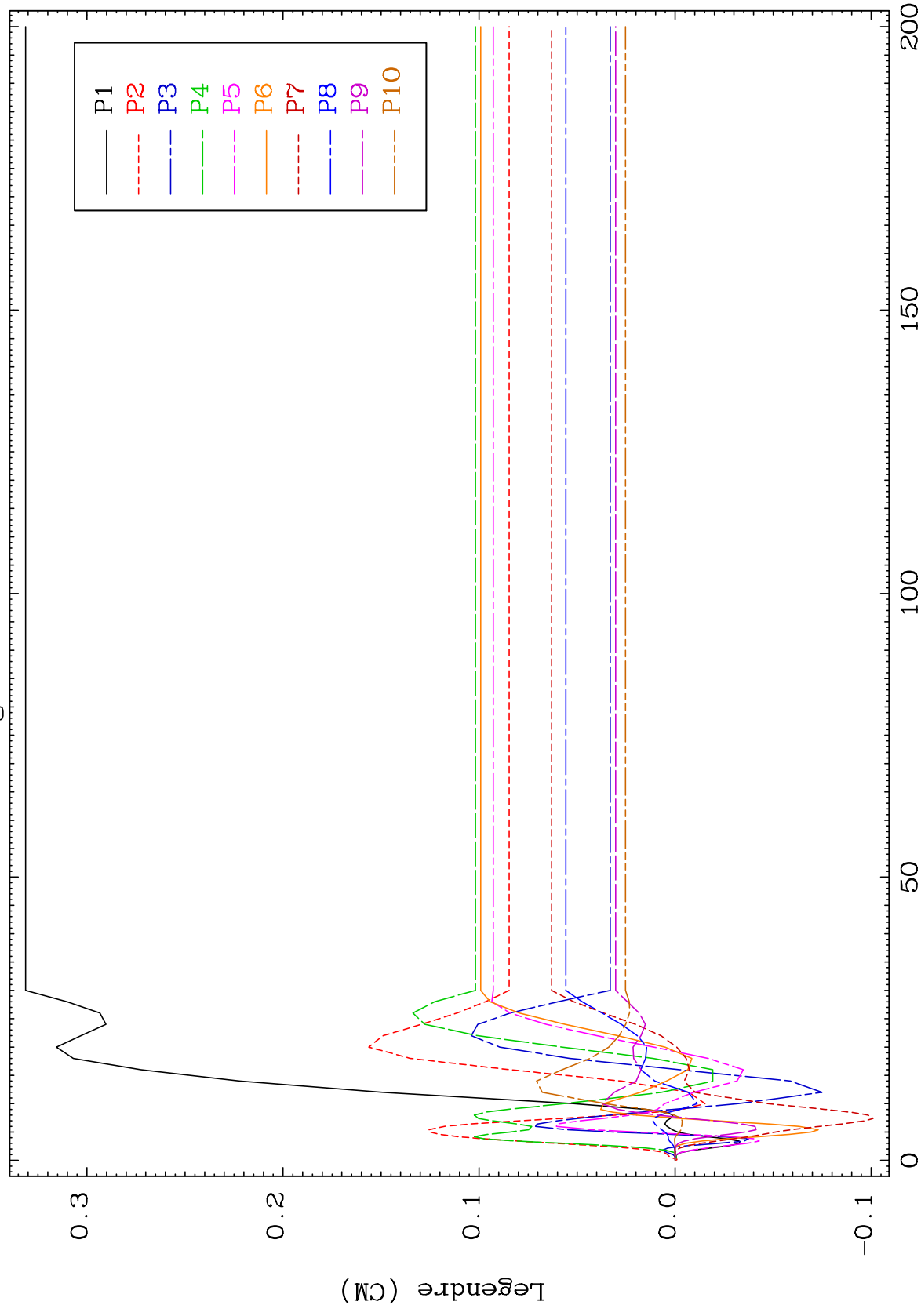
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MAT 7922

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

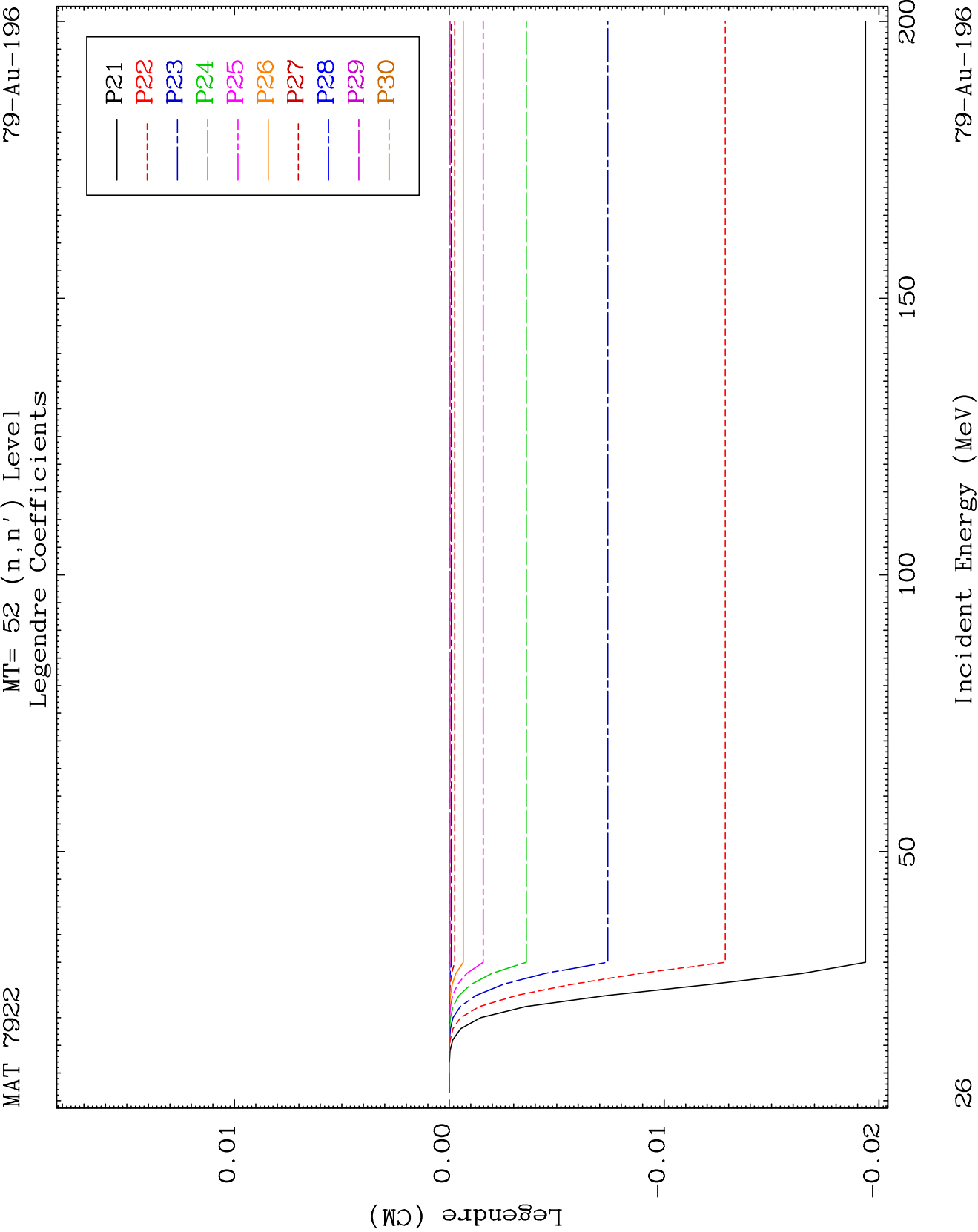
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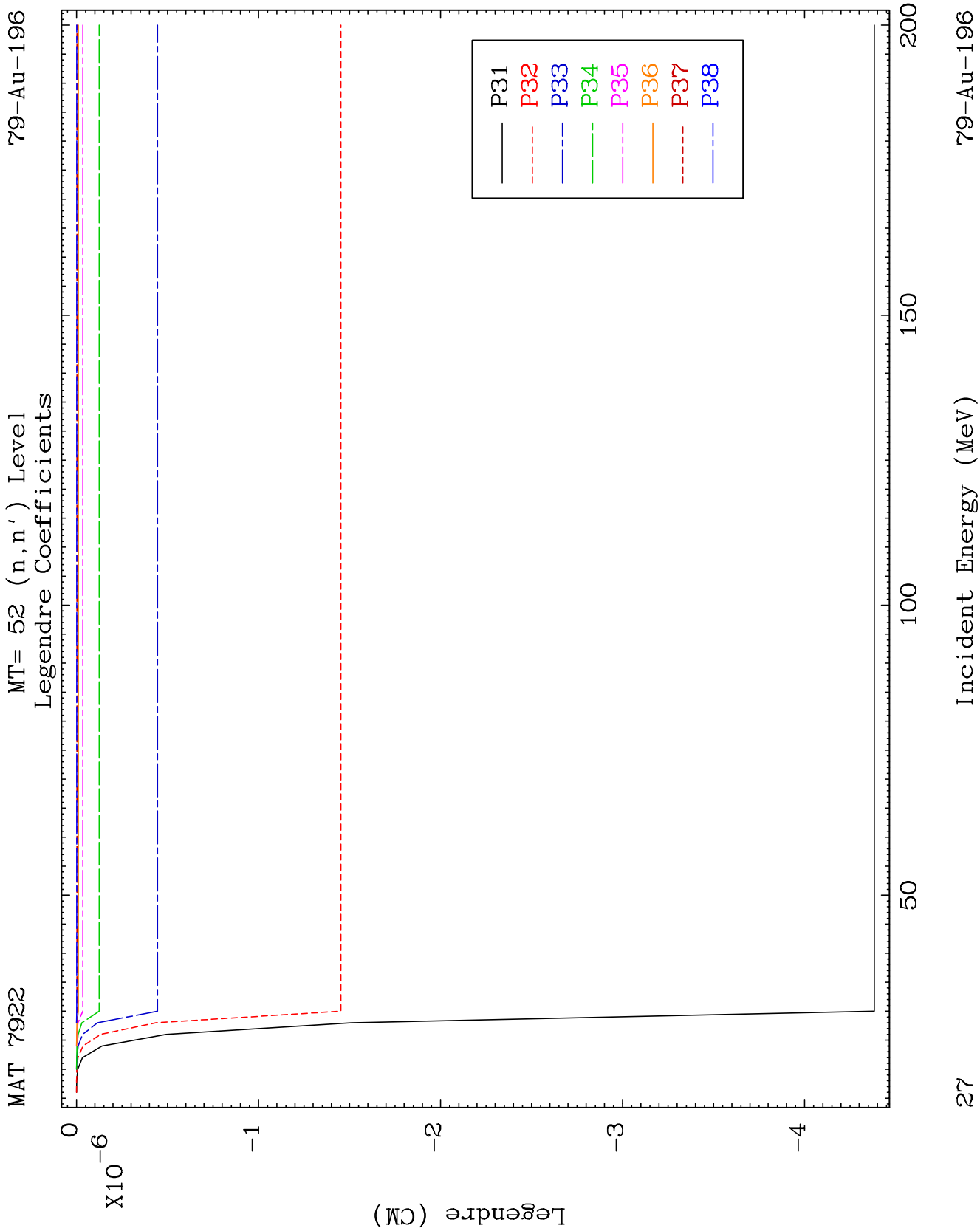


24

Incident Energy (MeV)

79-Au-196

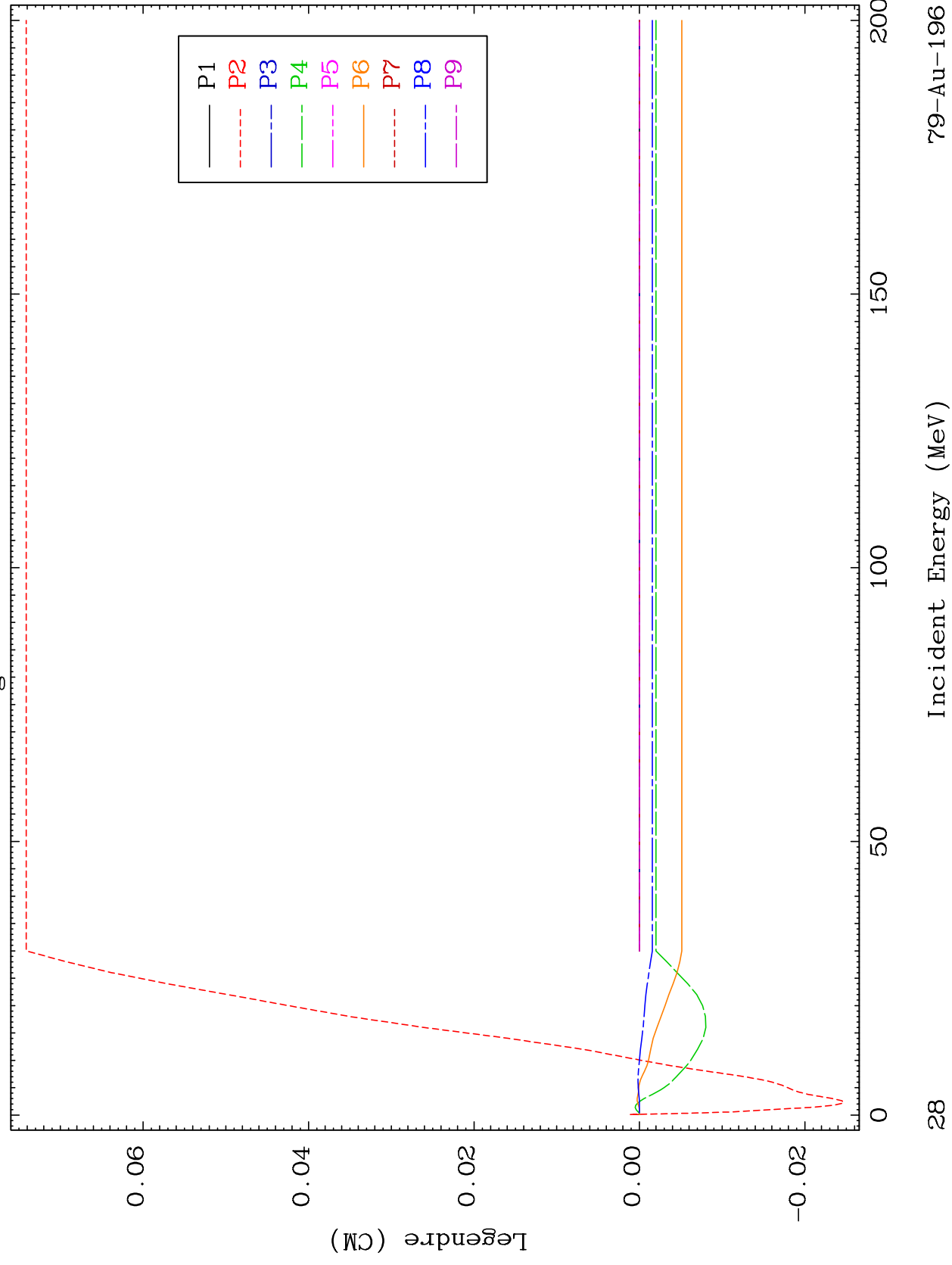


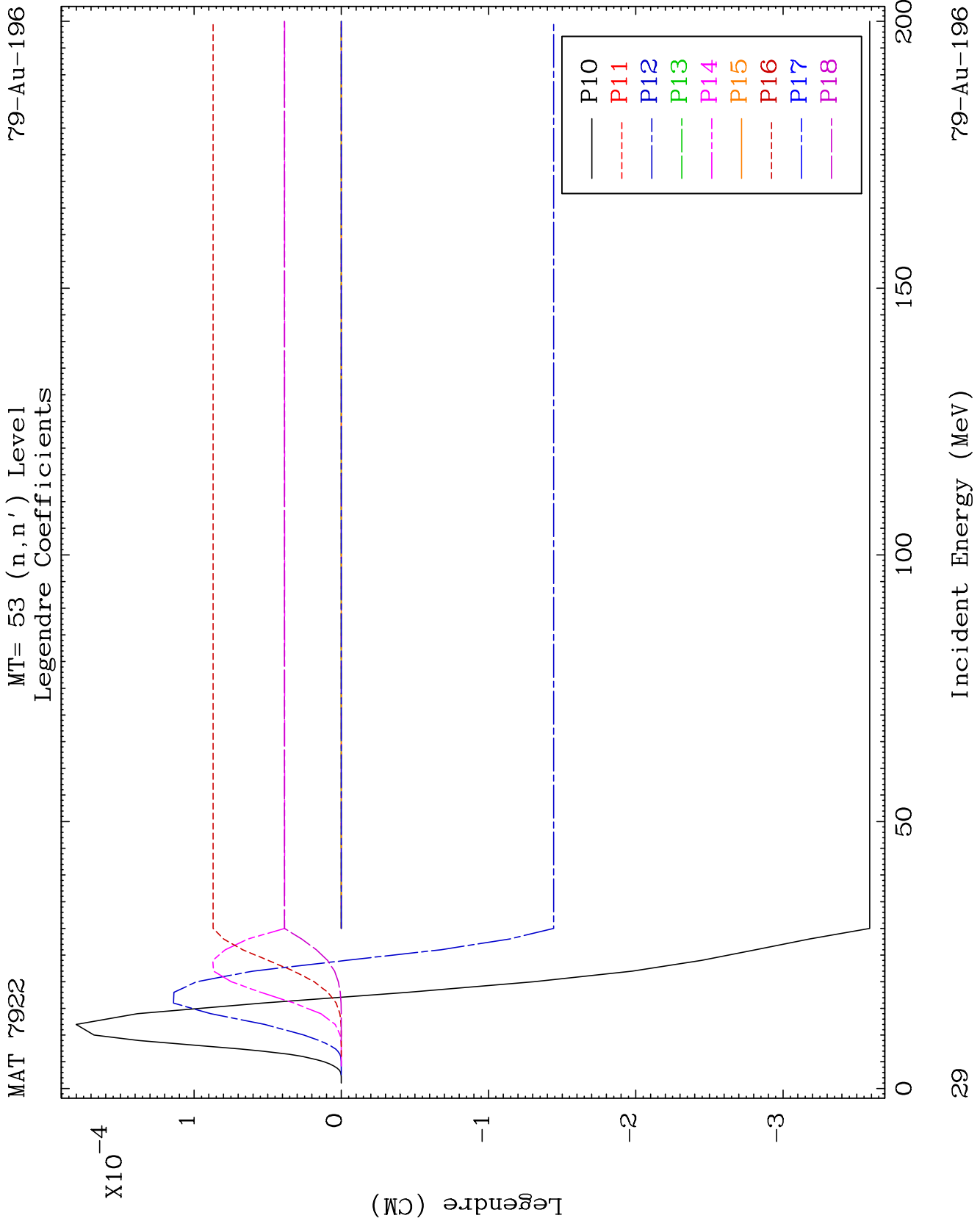


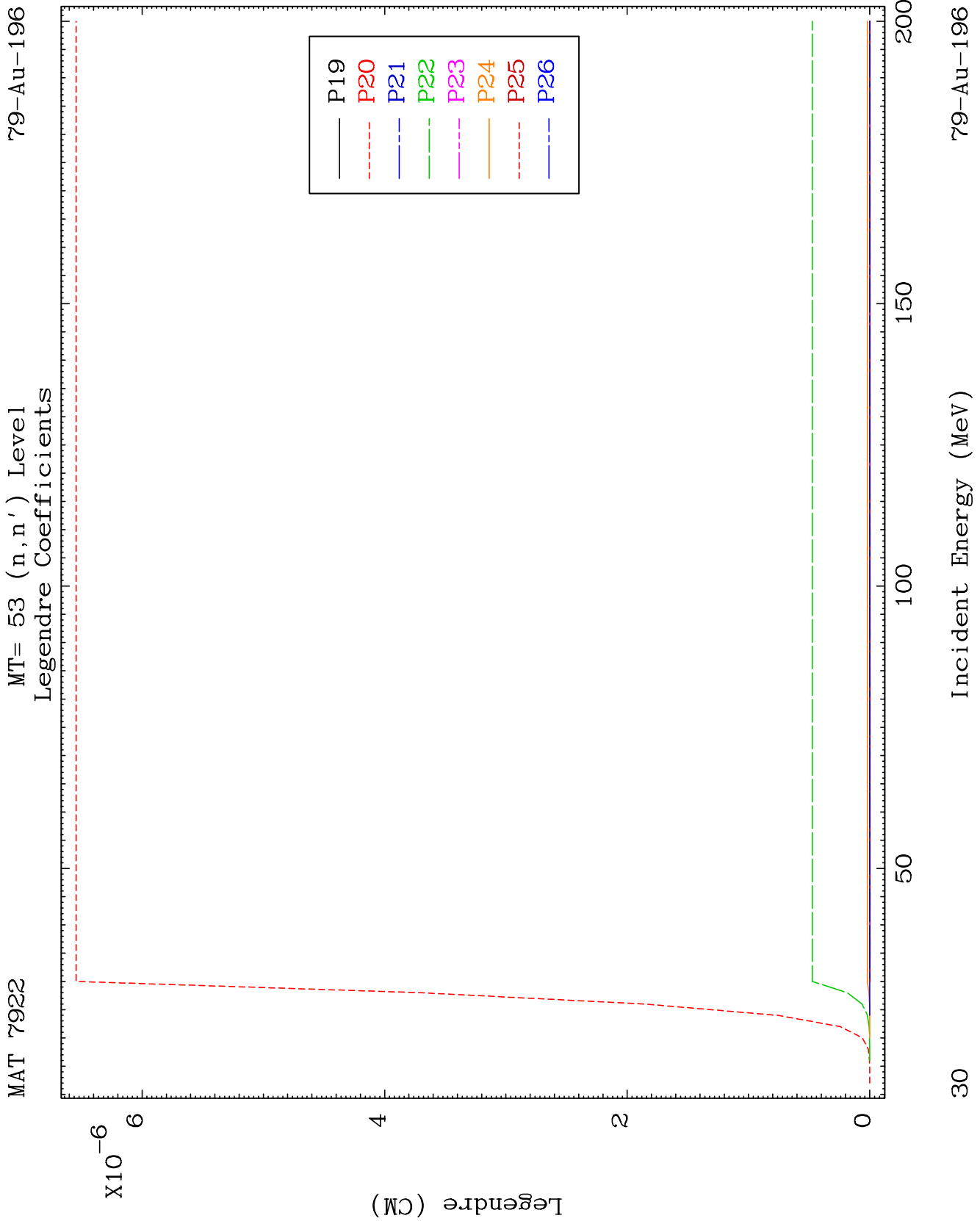
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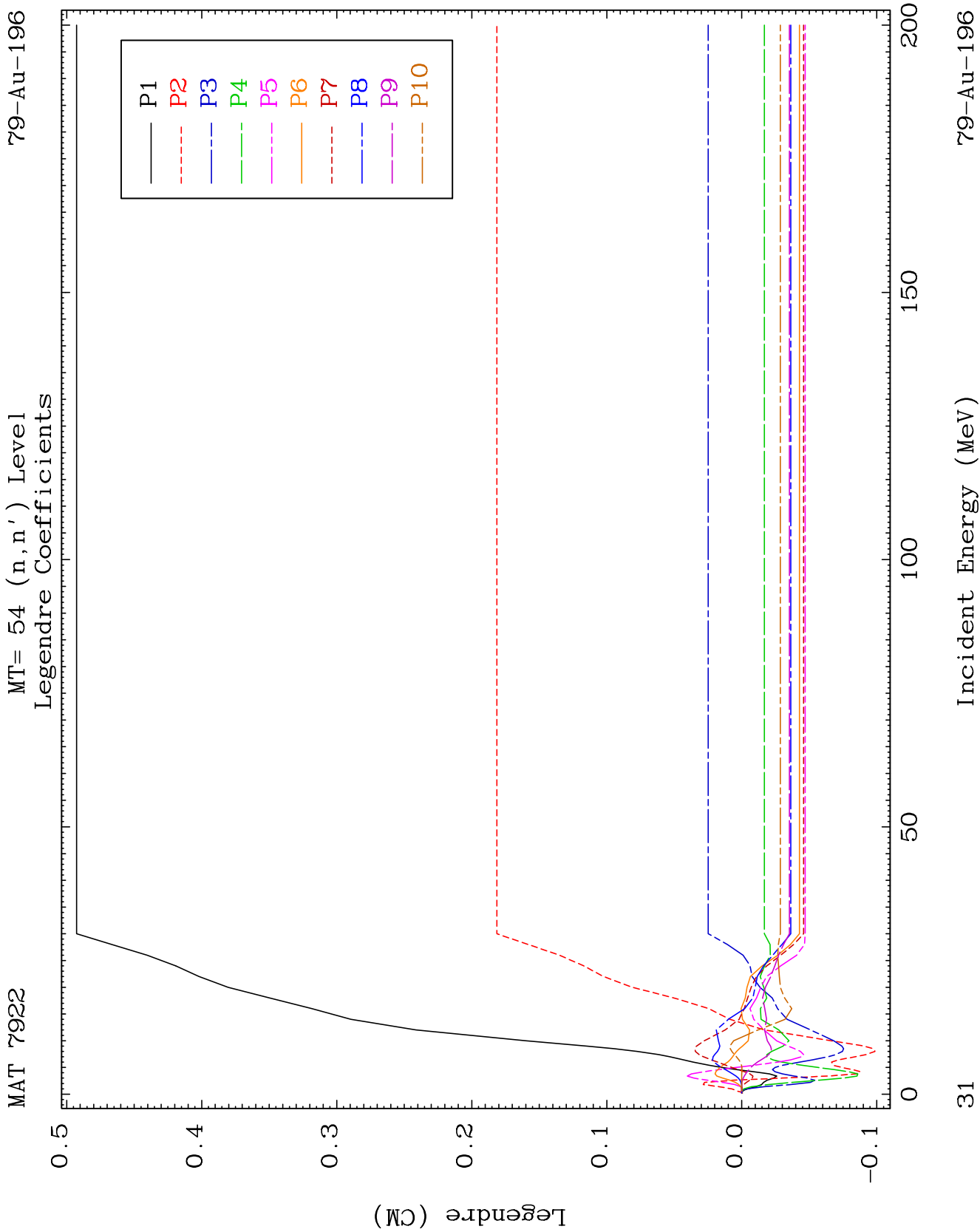
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Legendre Coefficients

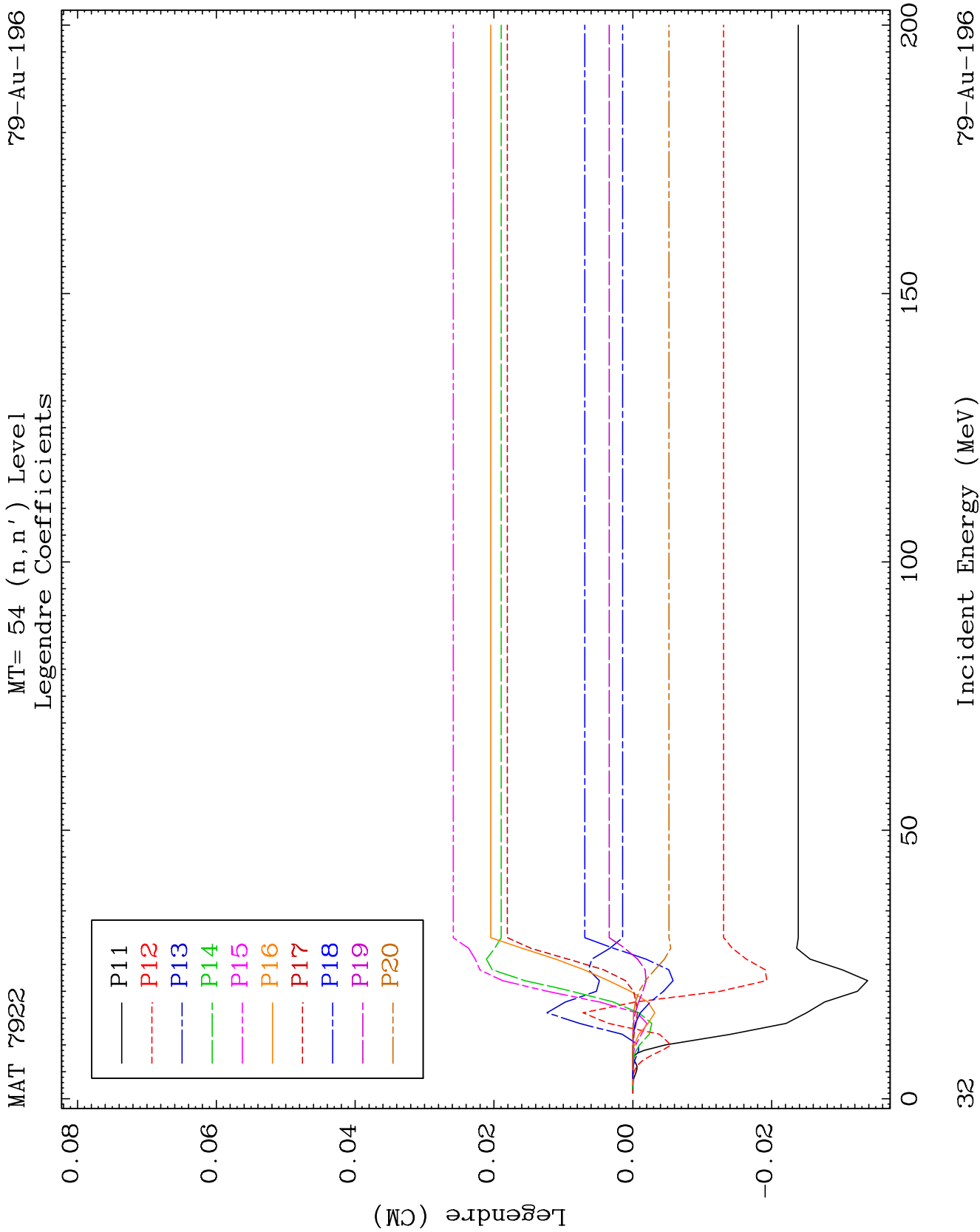
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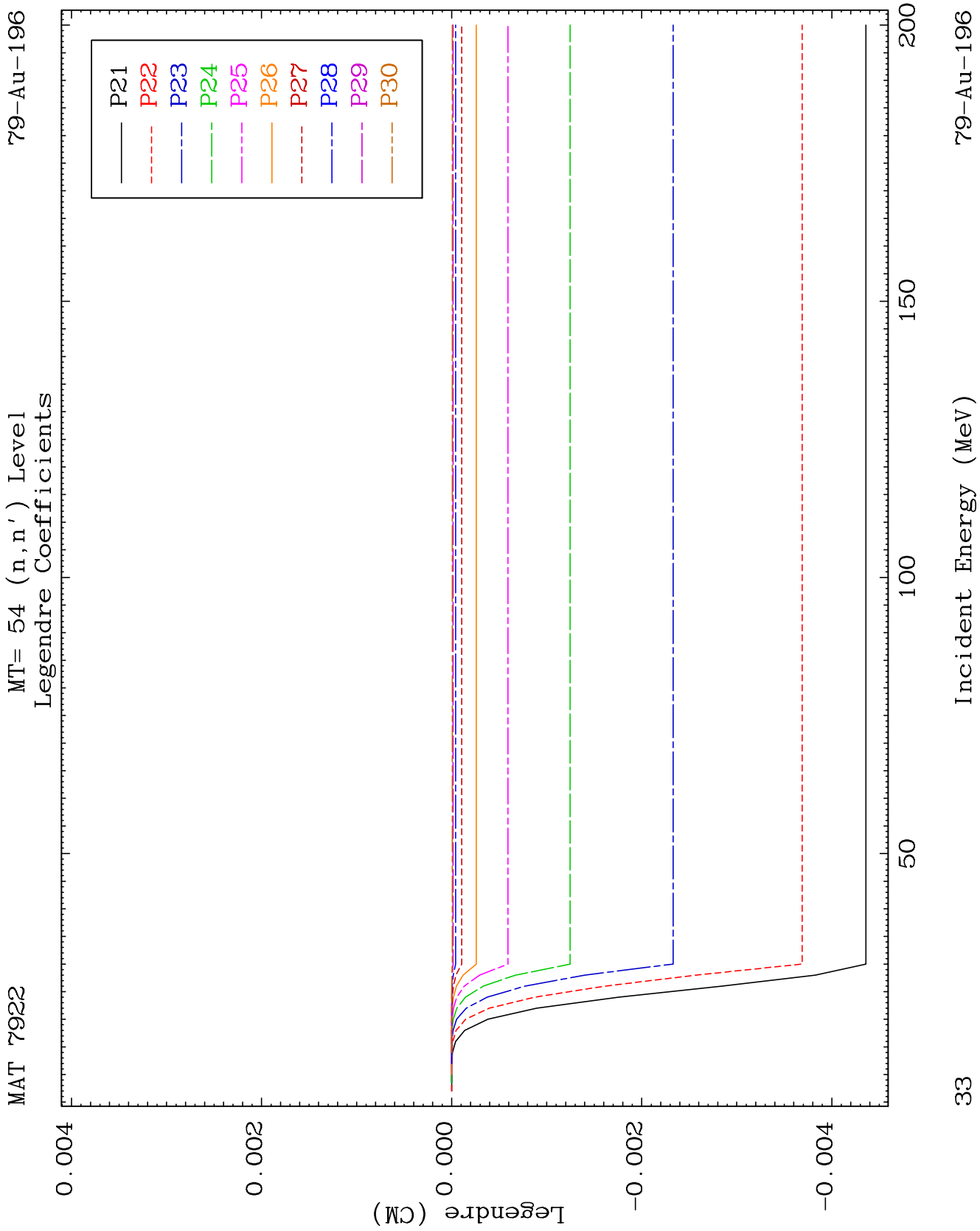


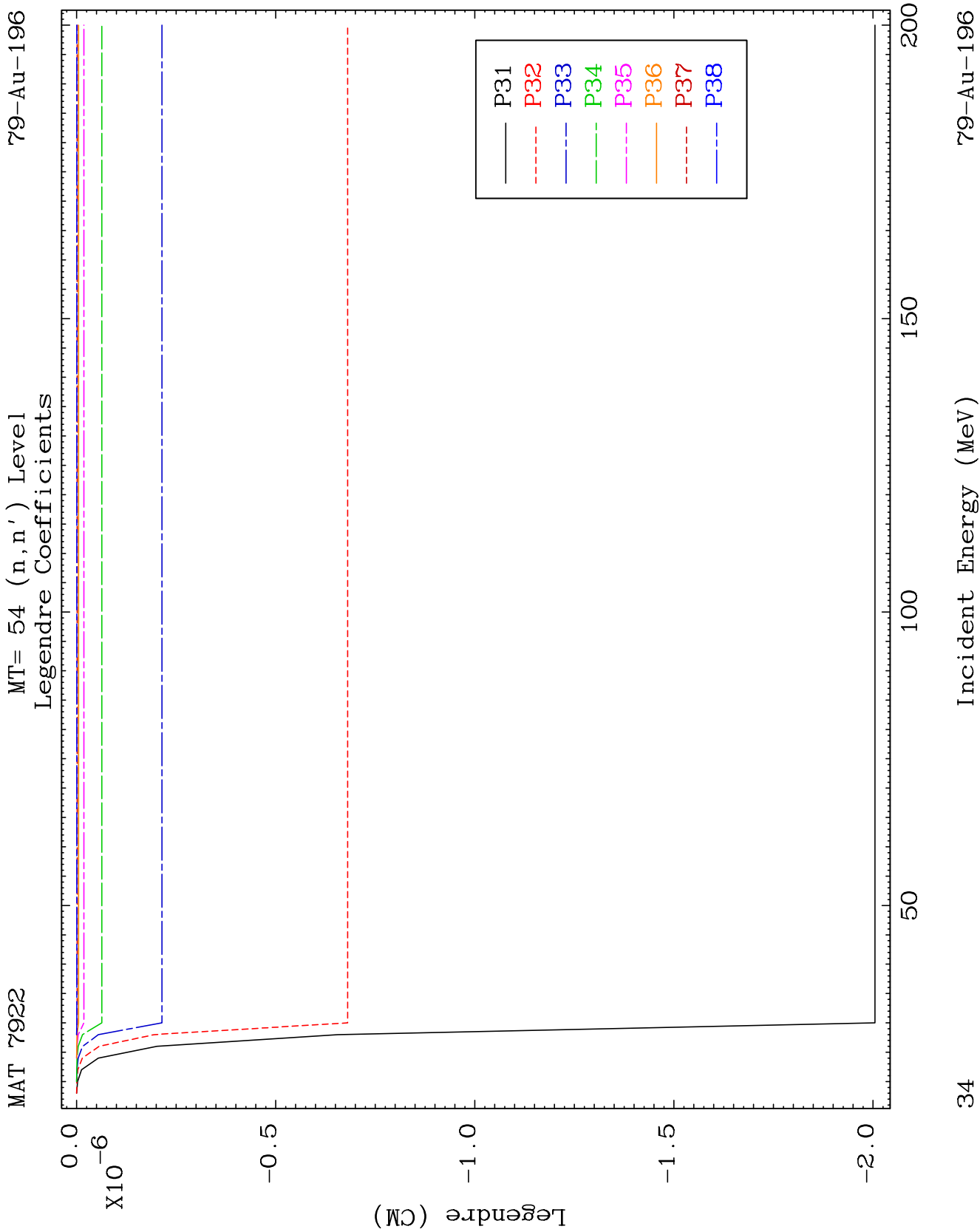








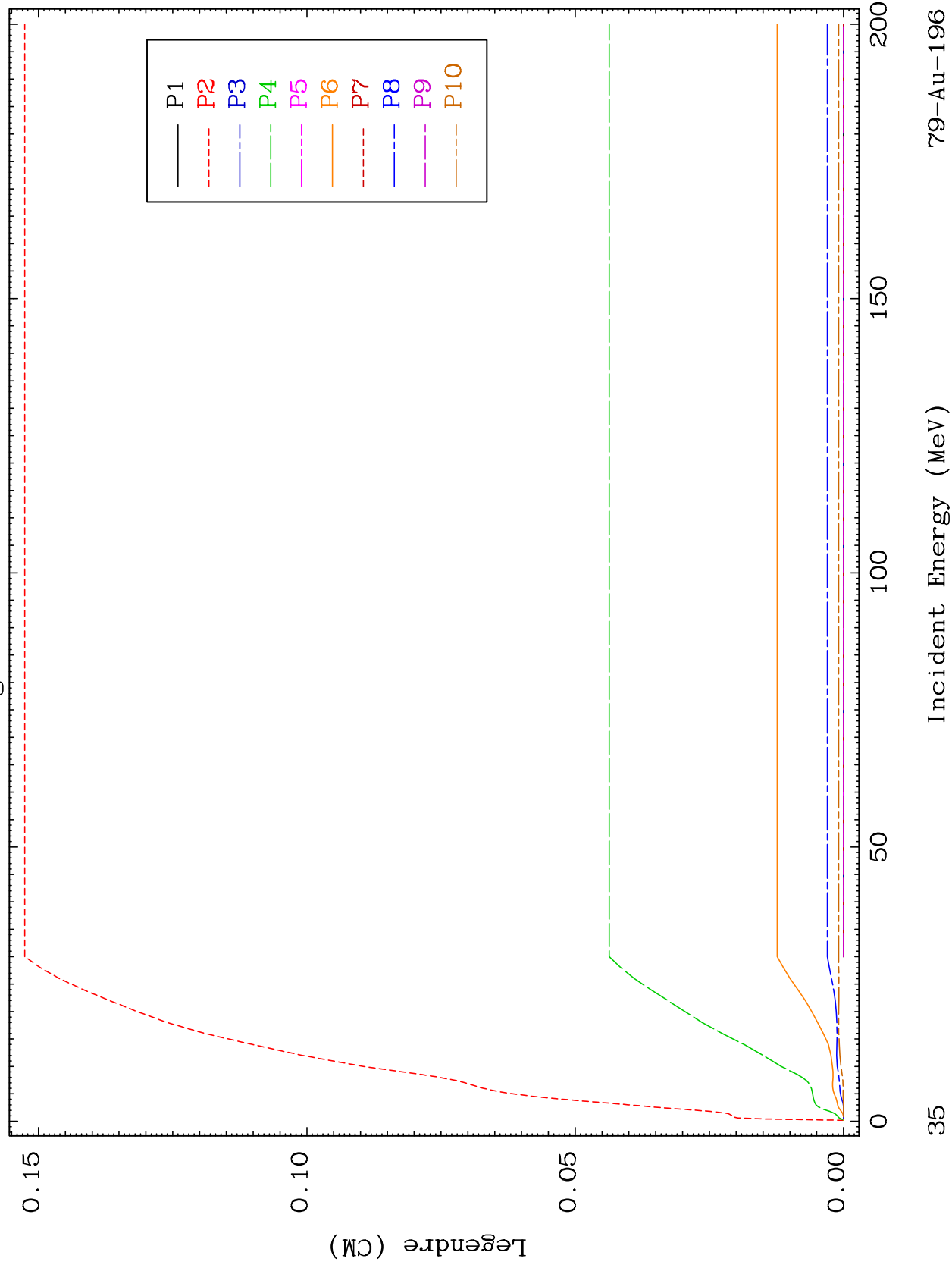


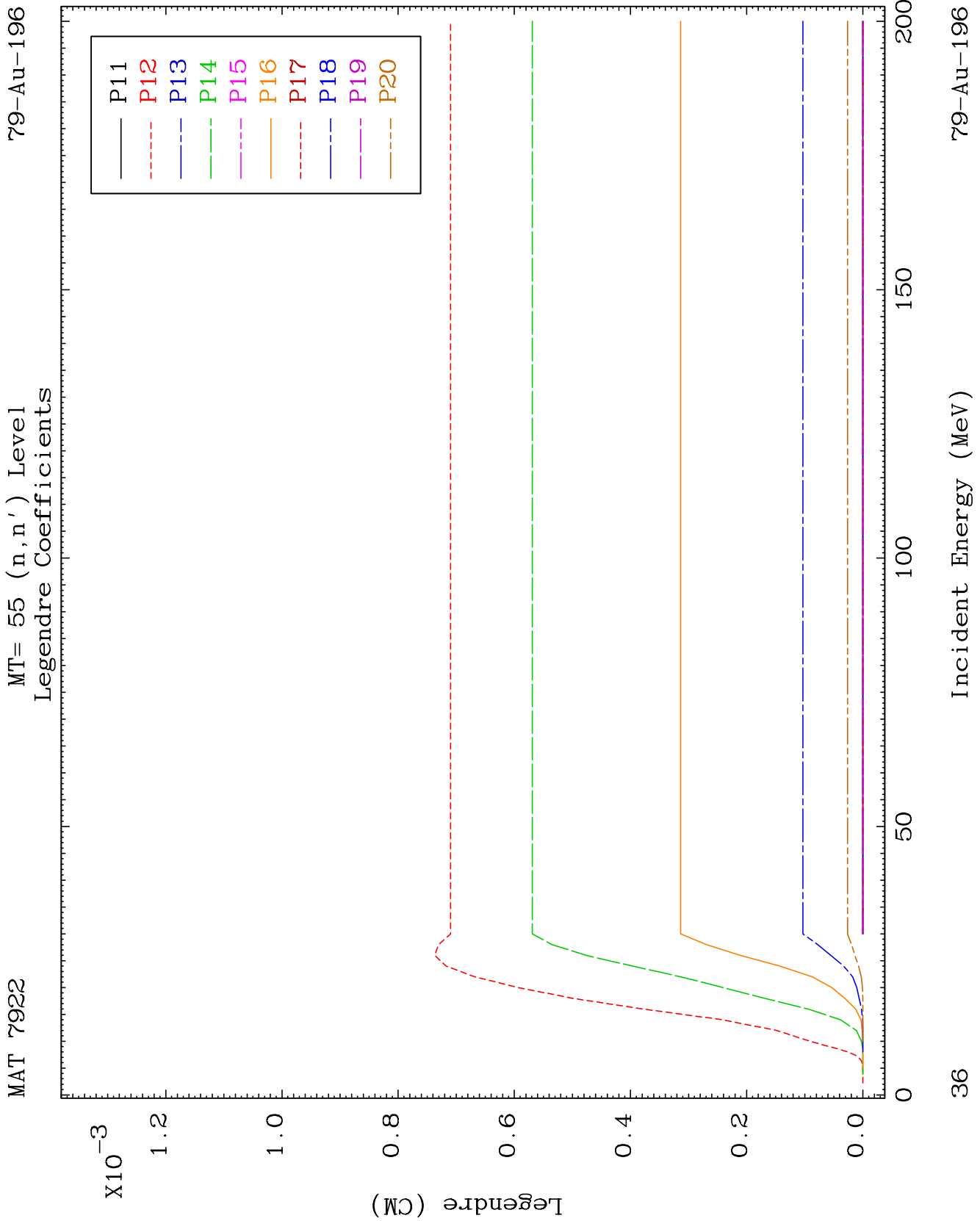


MAT 7922

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

79-Au-196

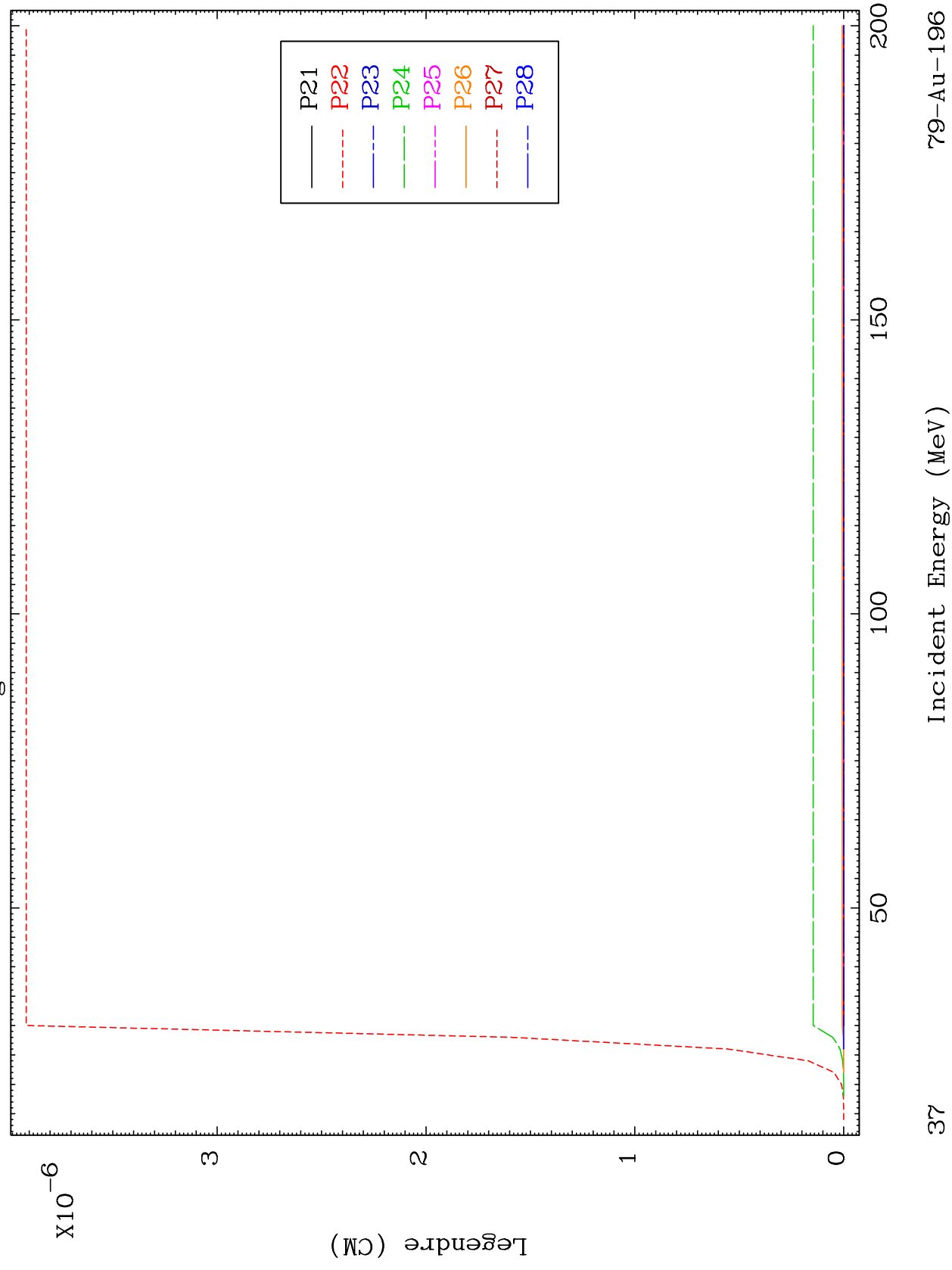




MAT 7922

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

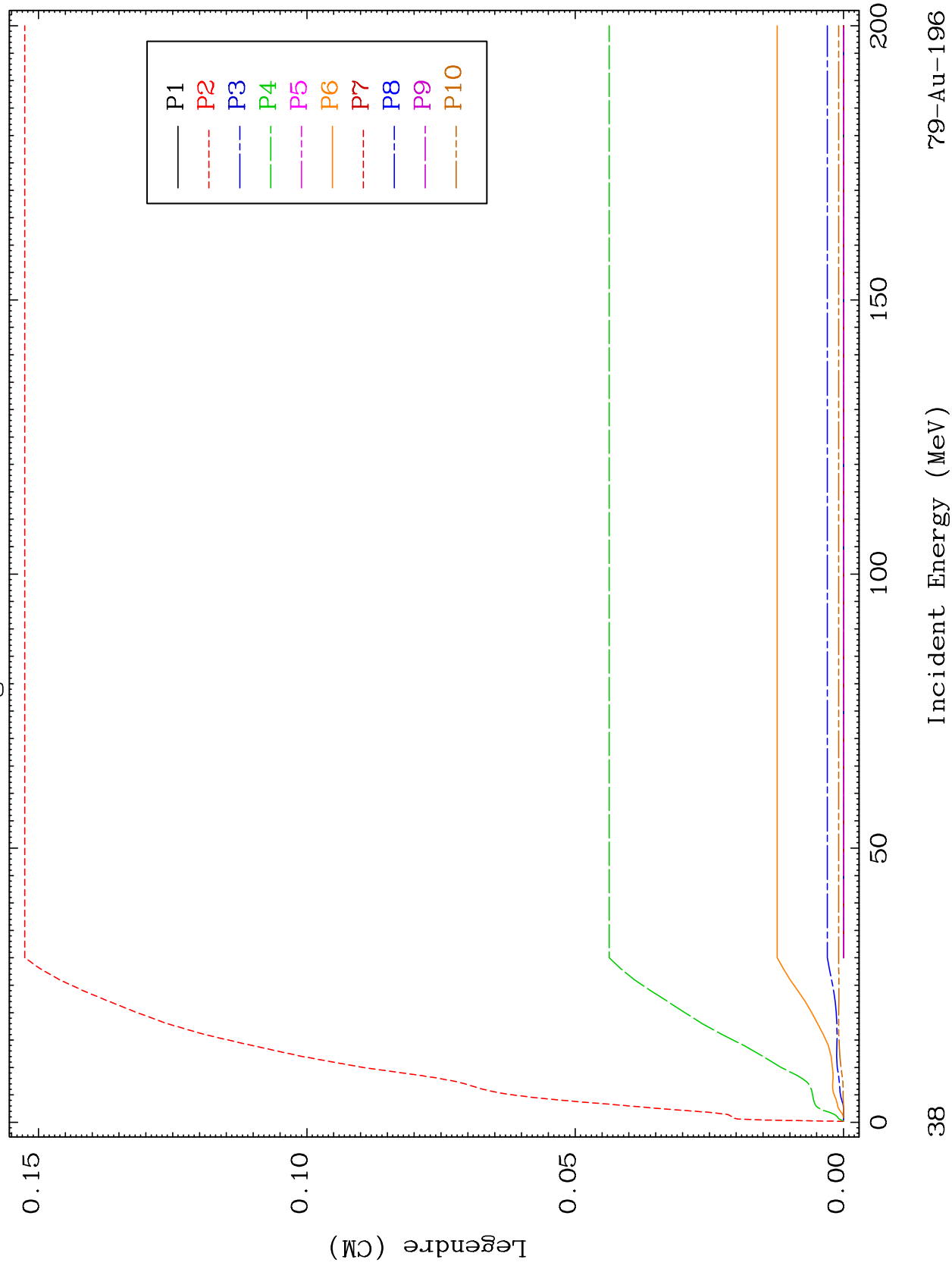
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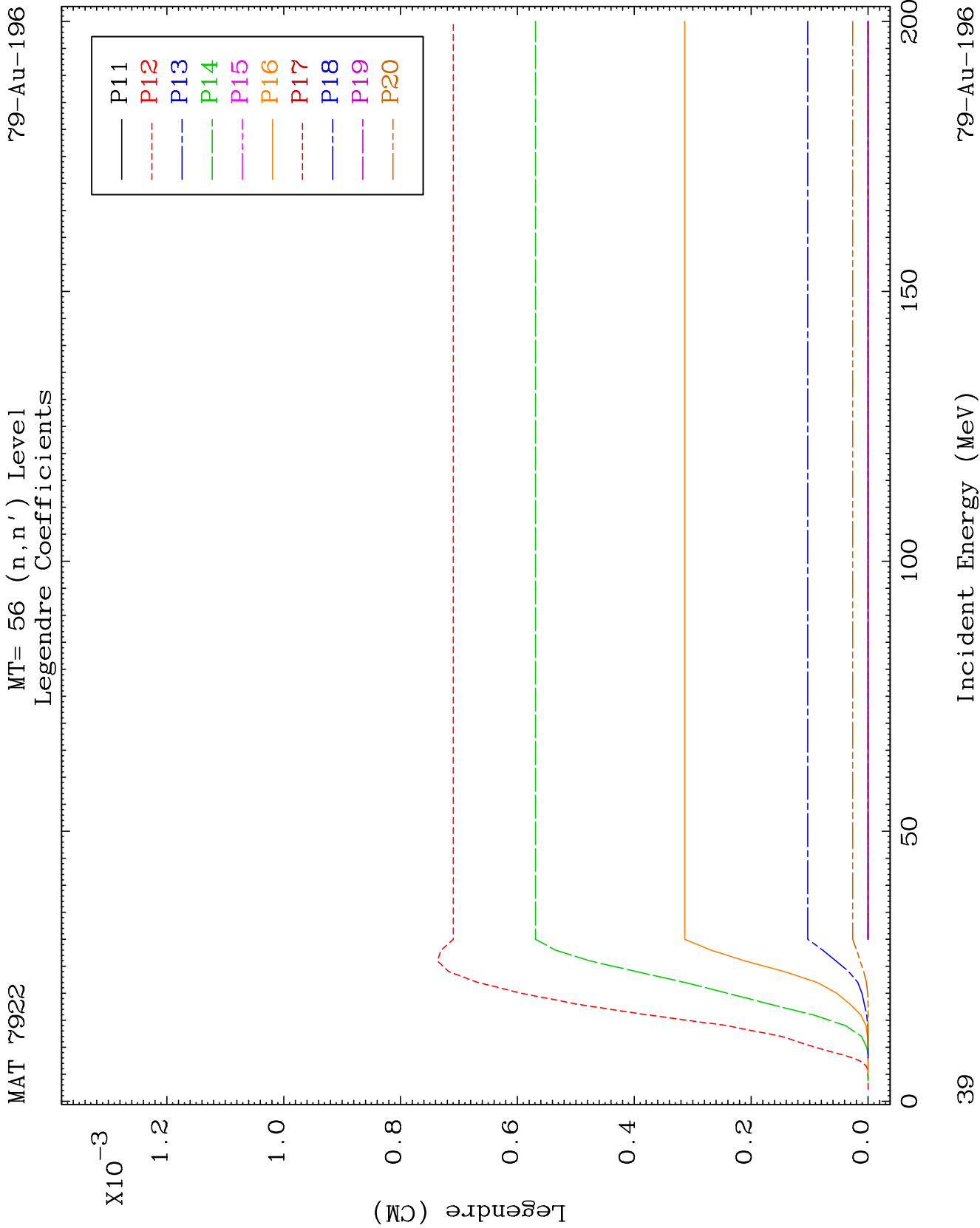


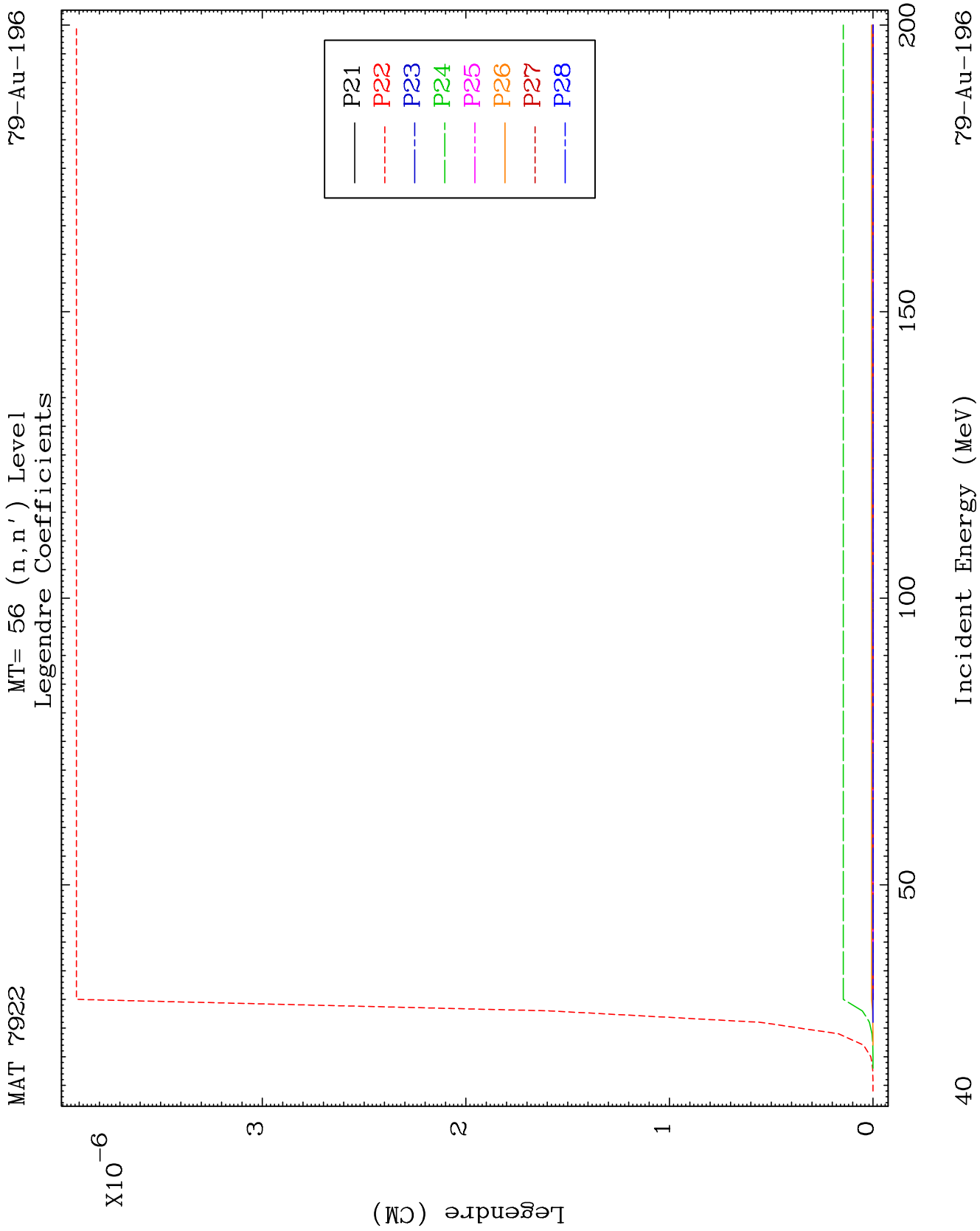
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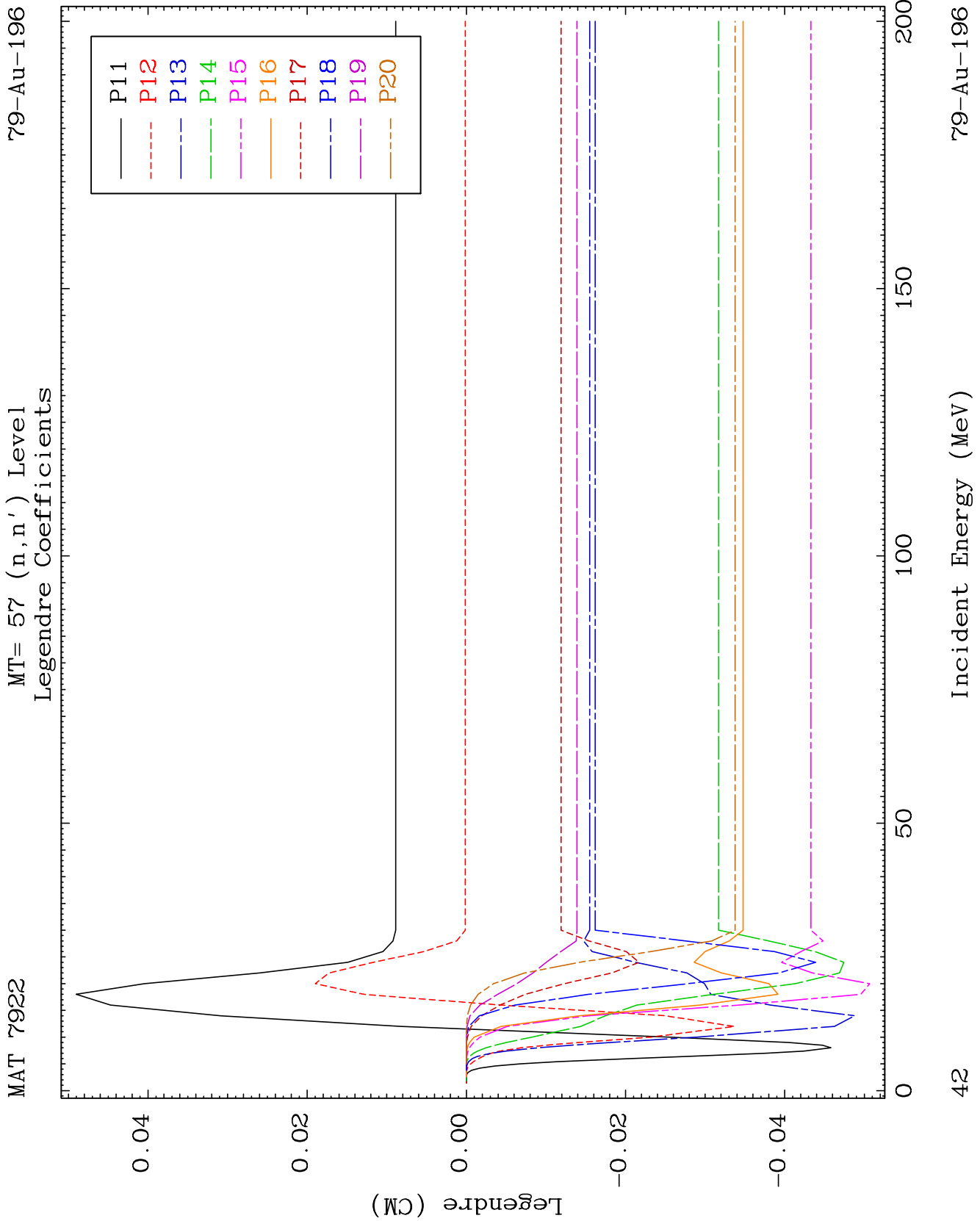
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Legendre Coefficients

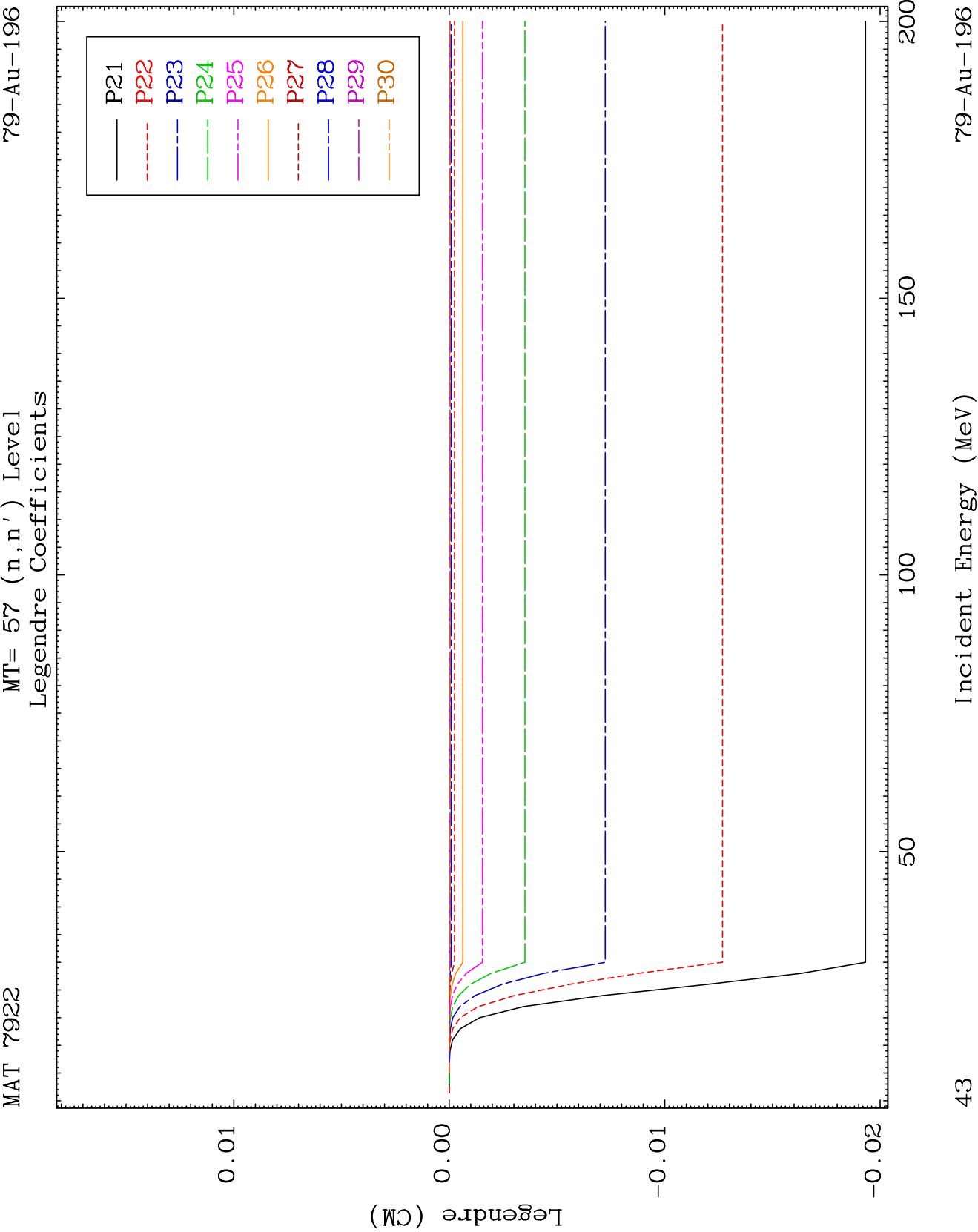
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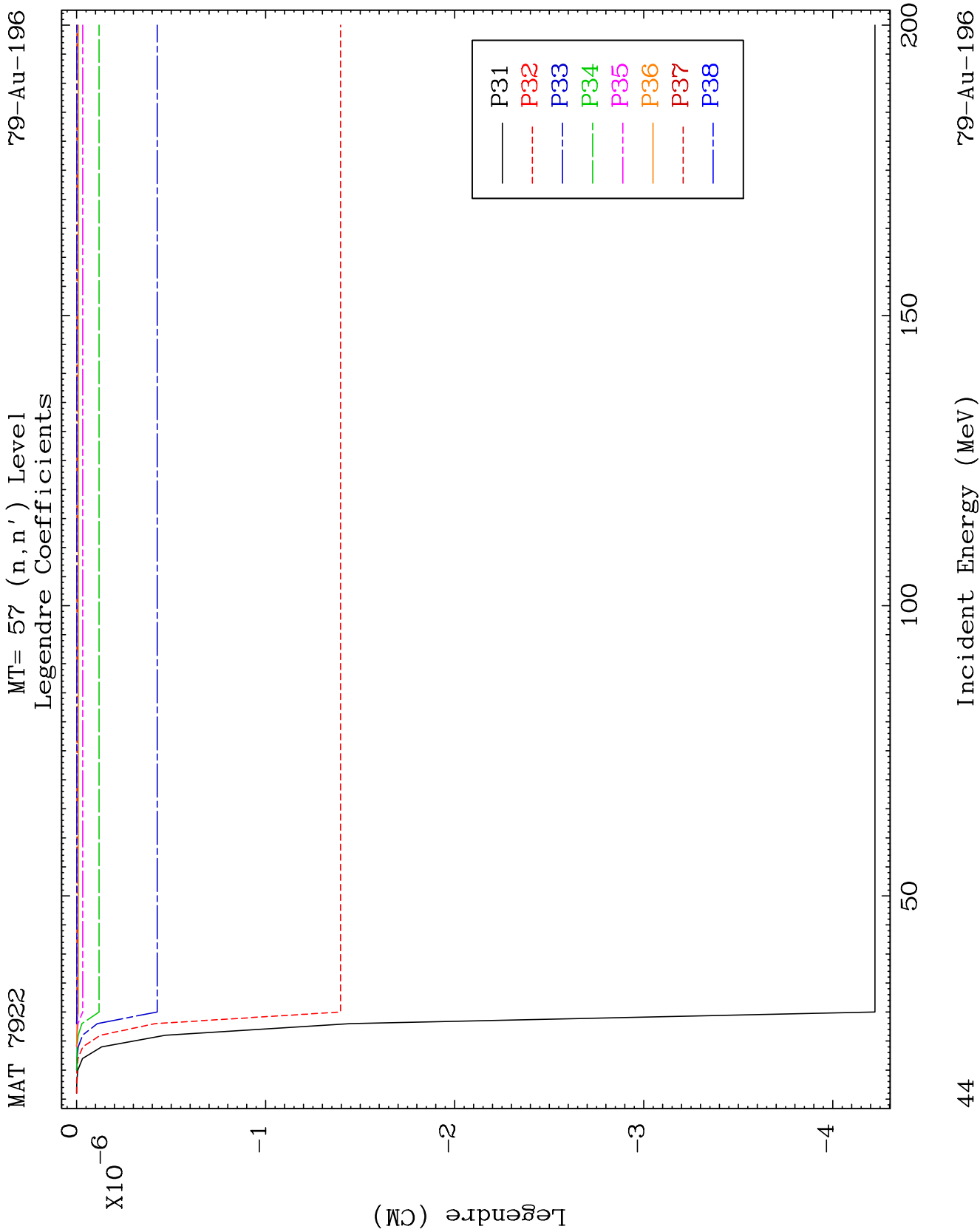


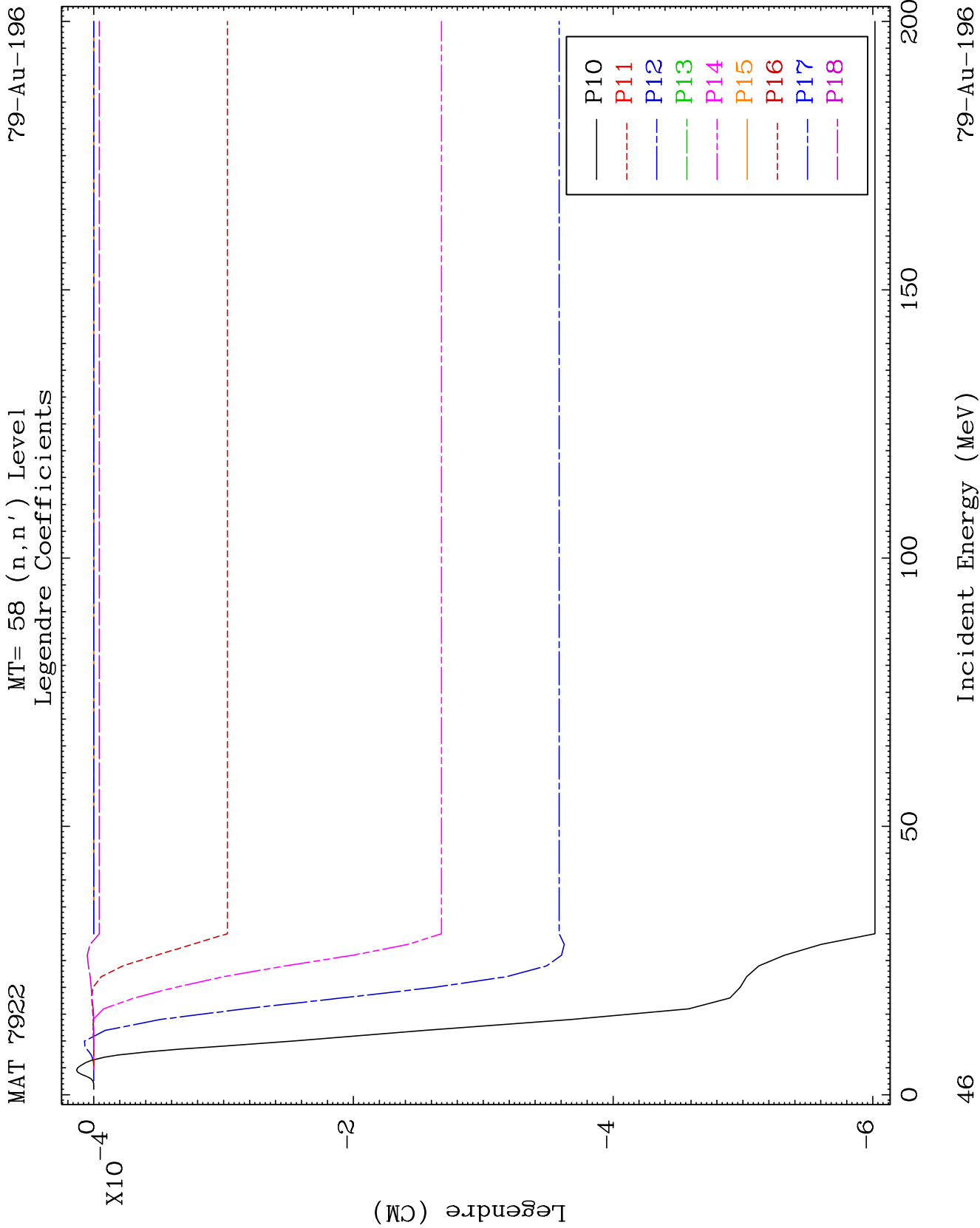


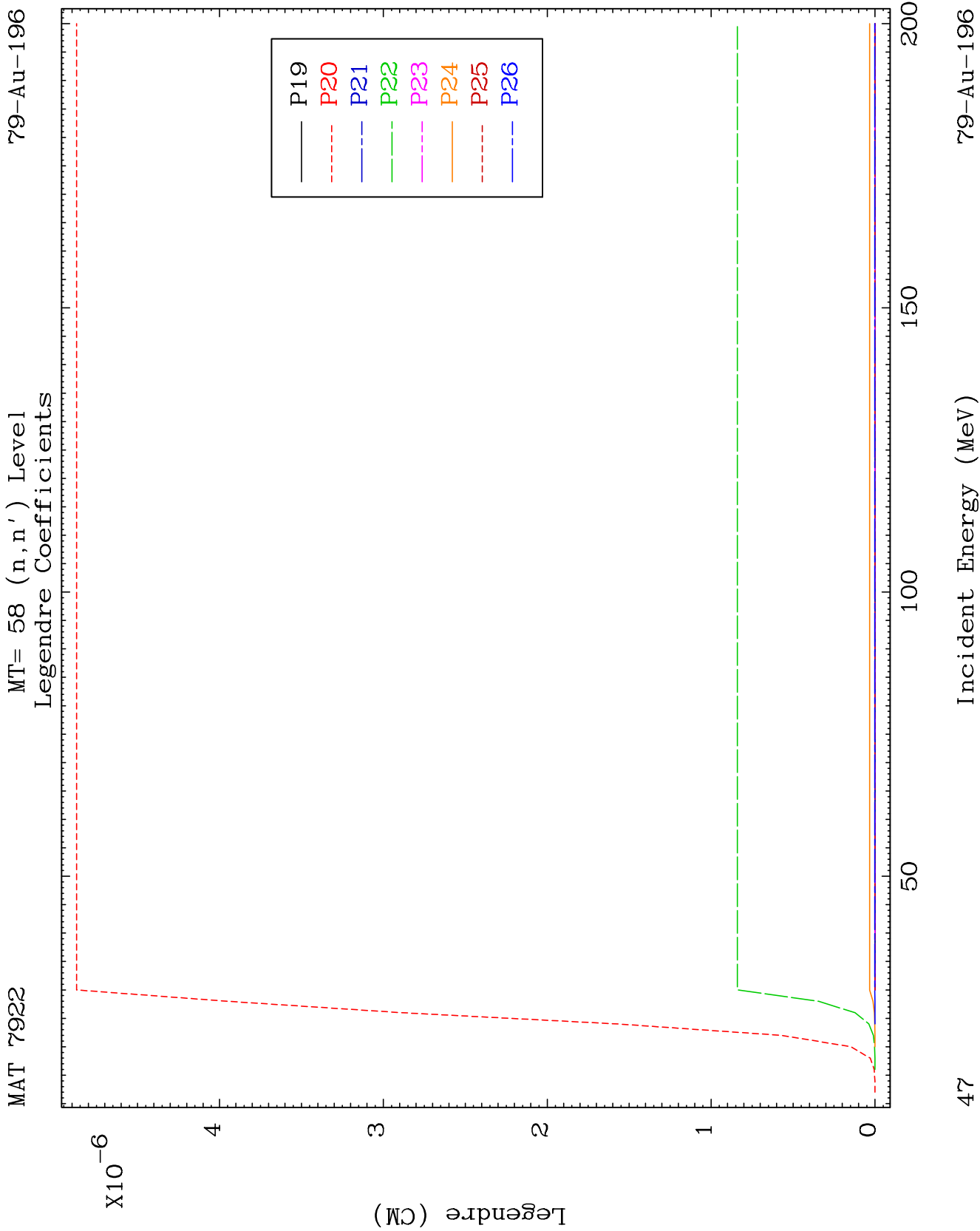


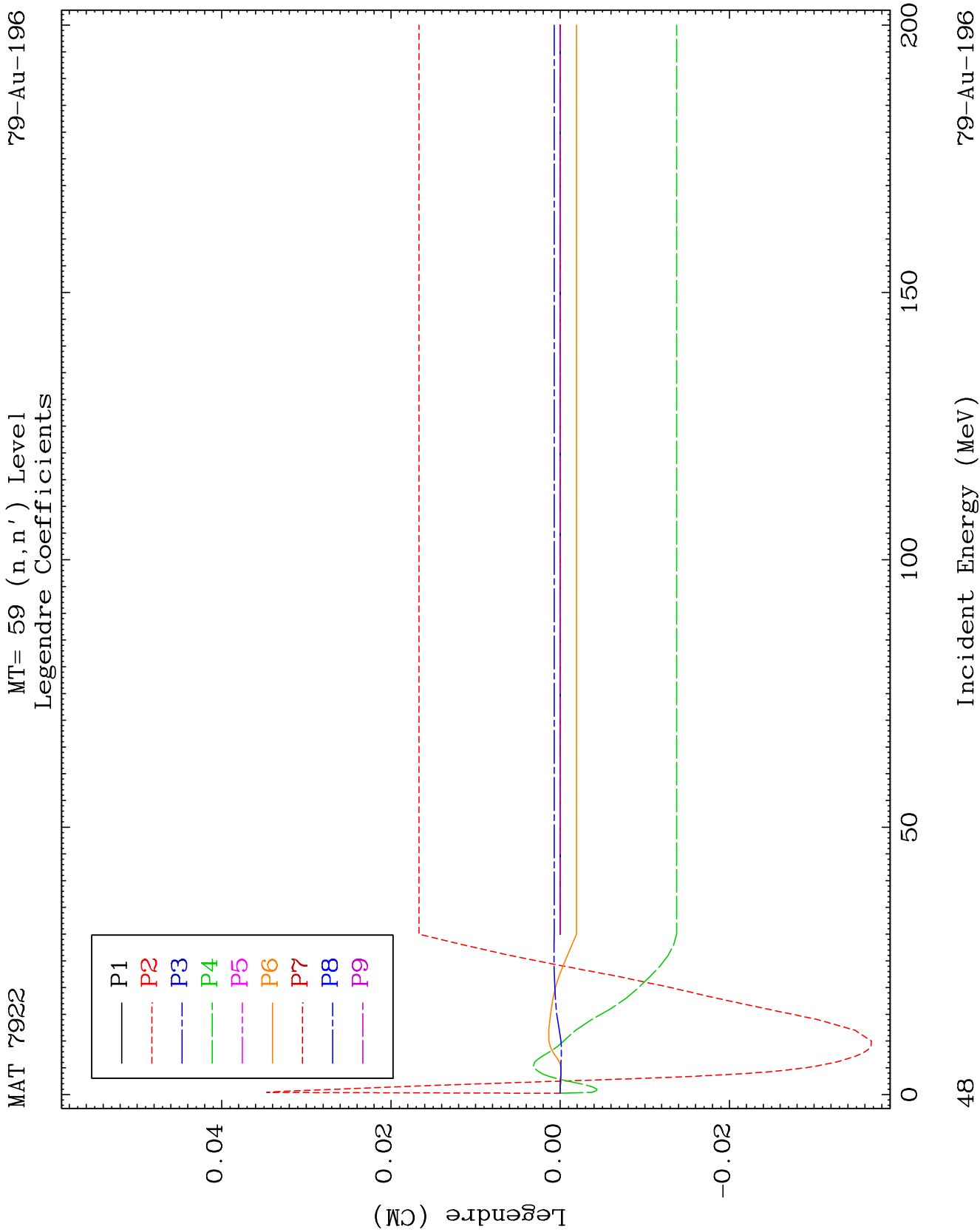


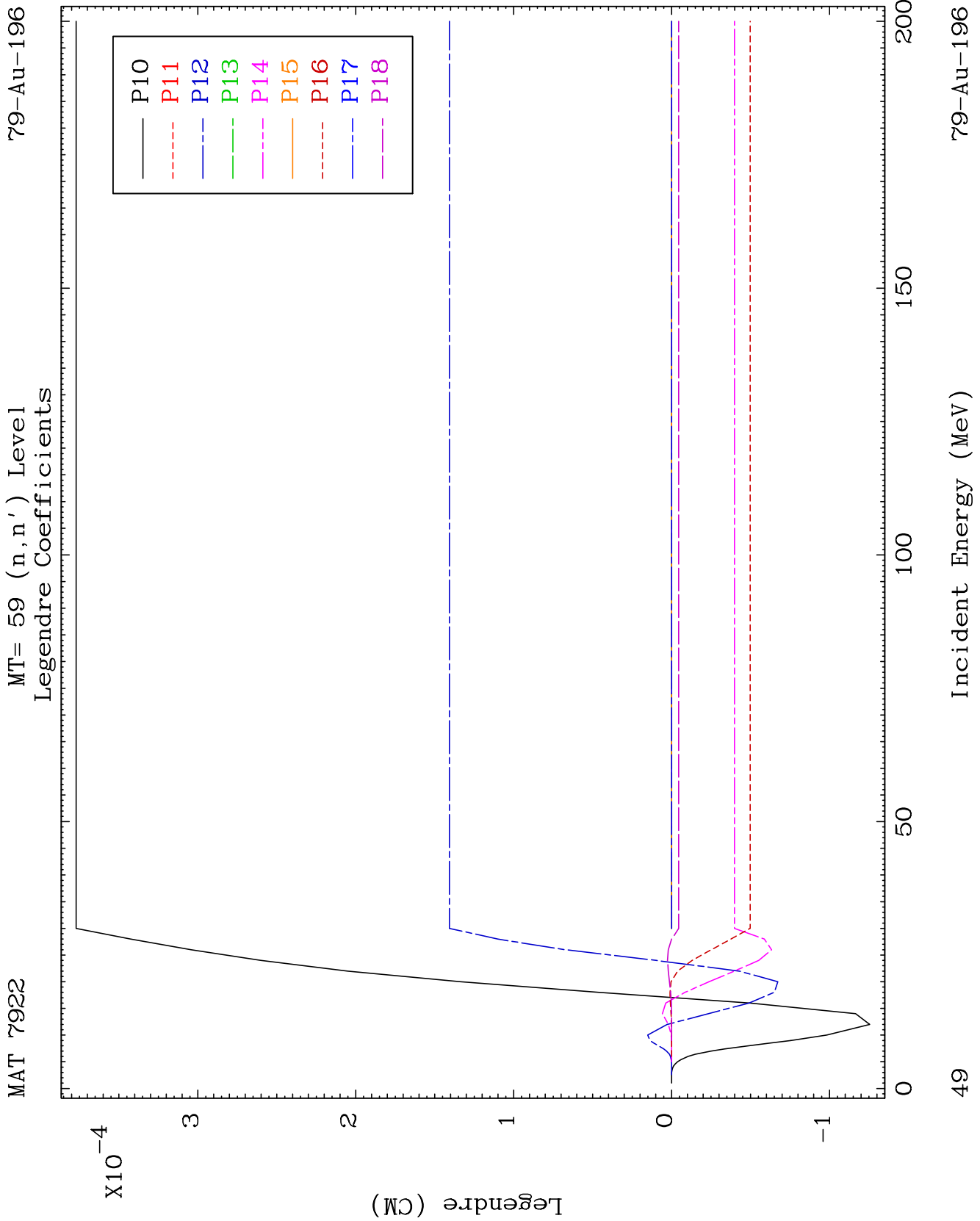








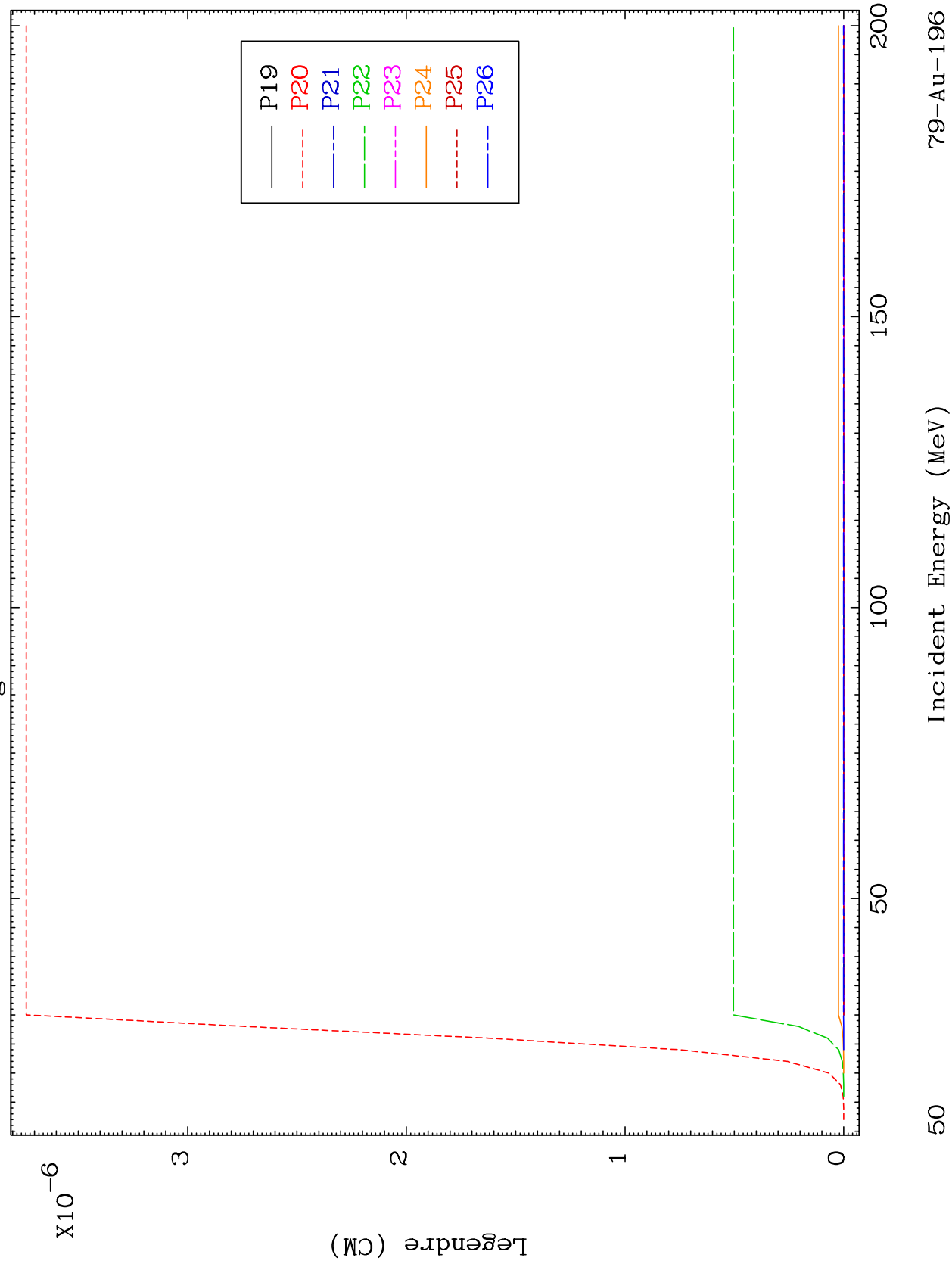


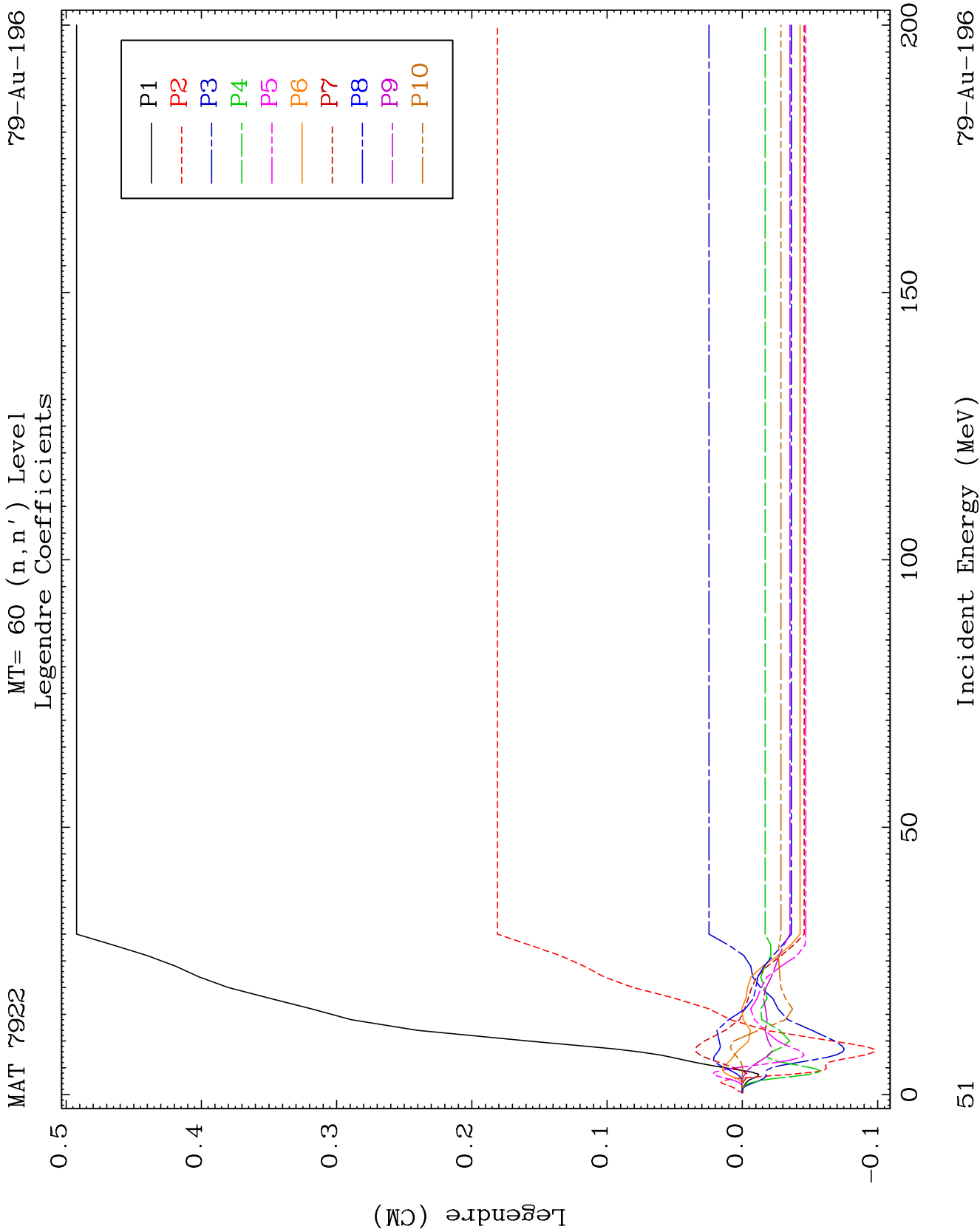


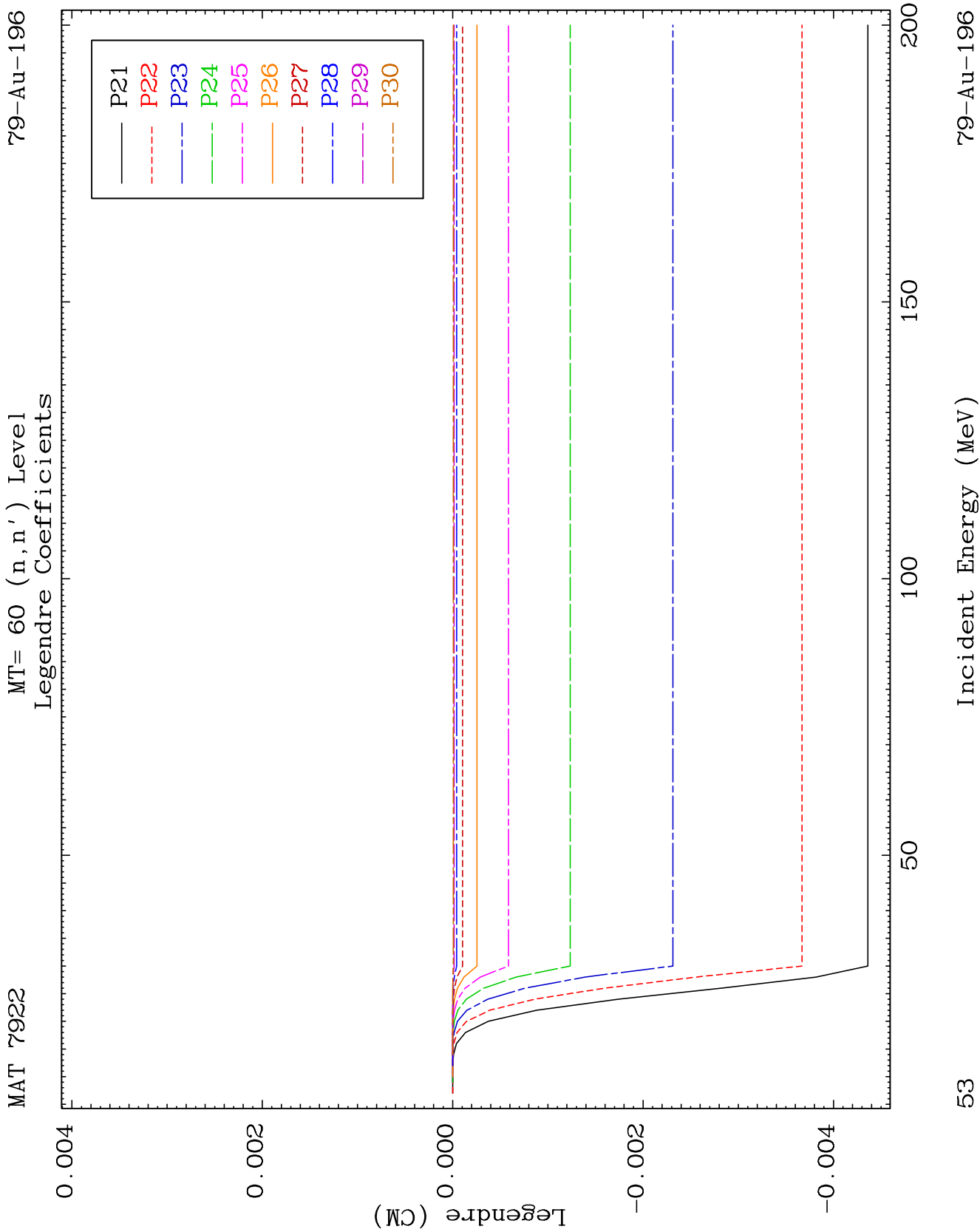
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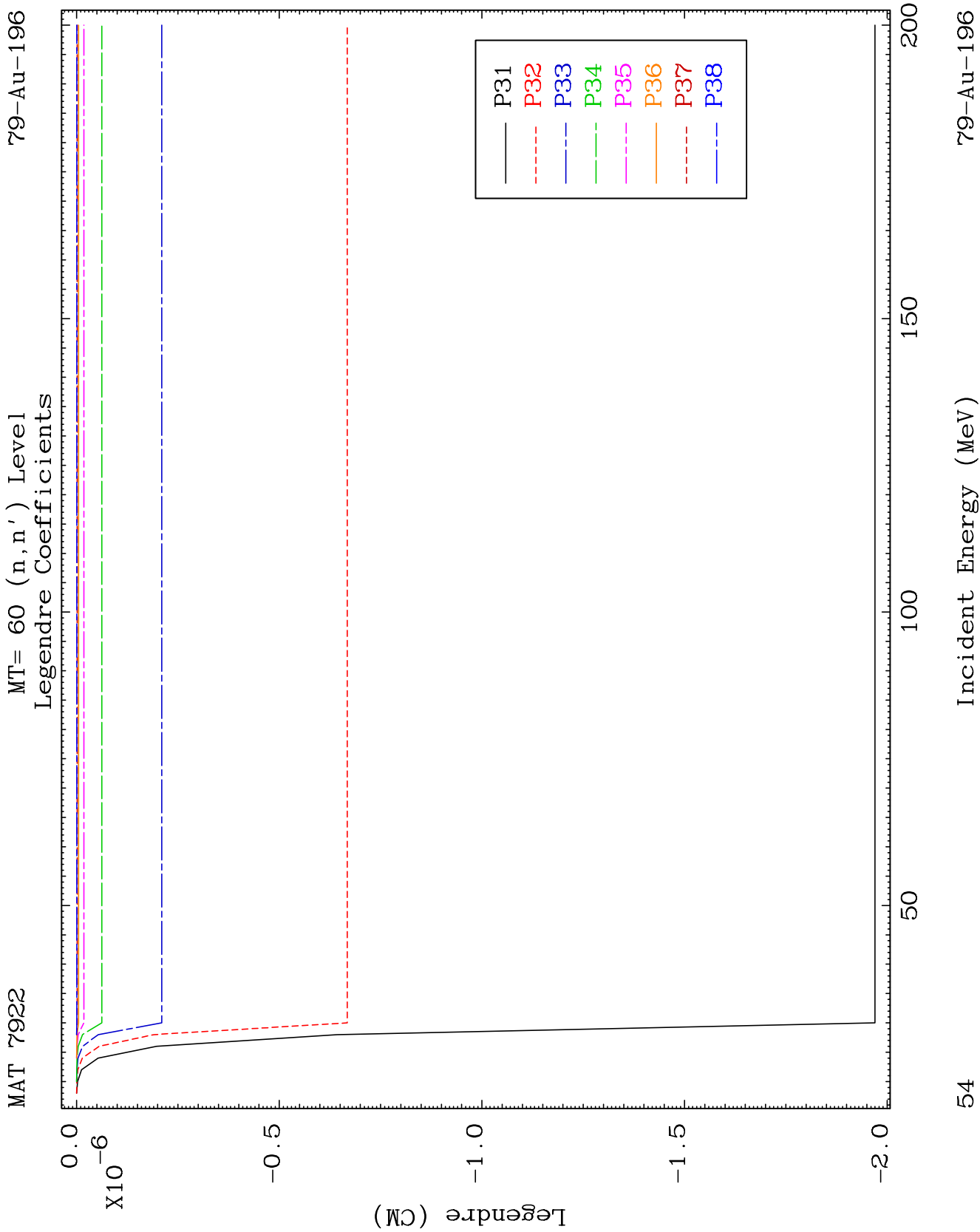
MT= 59 (n, n') Level
Legendre Coefficients

79-Au-196





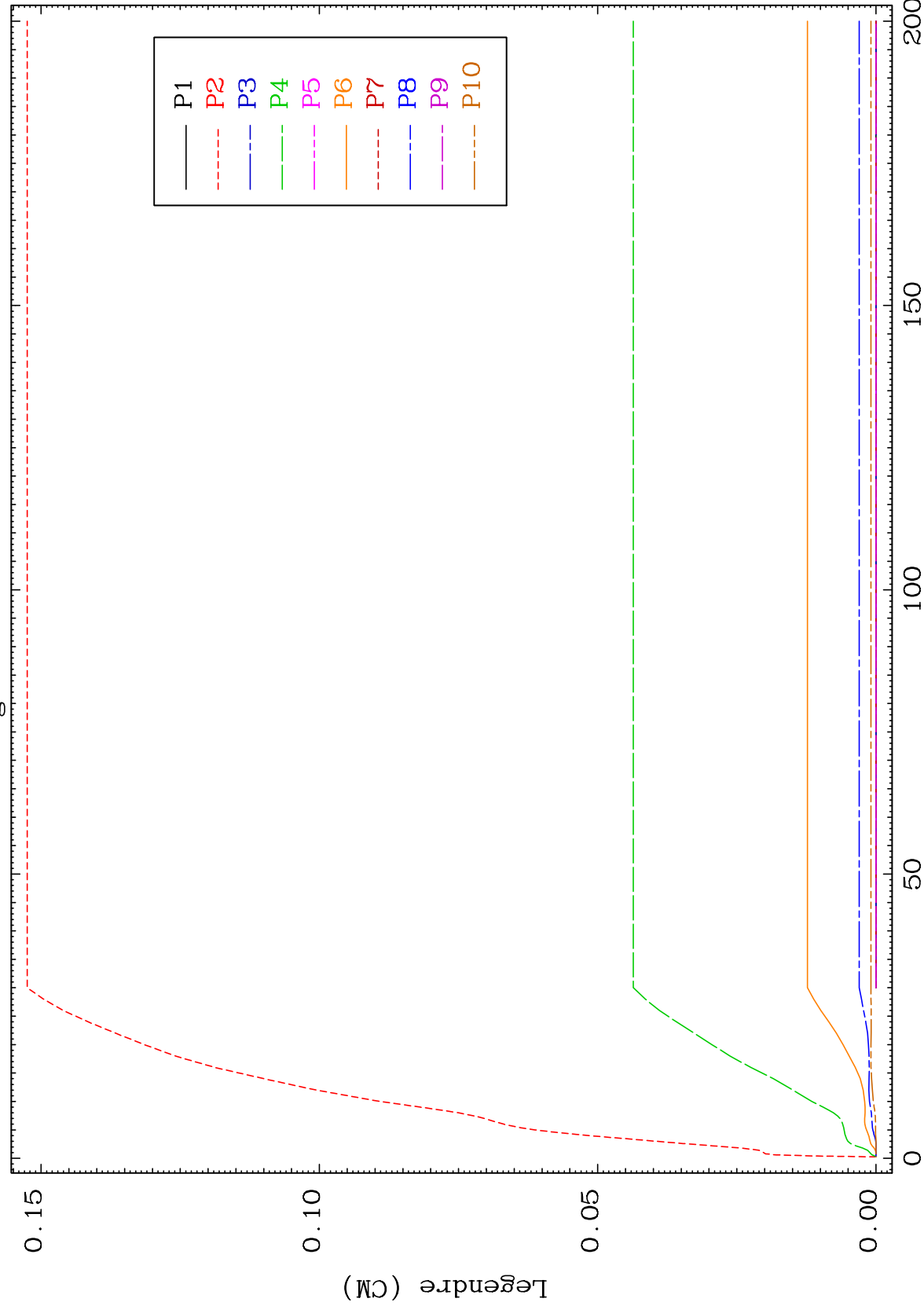




MAT 7922

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

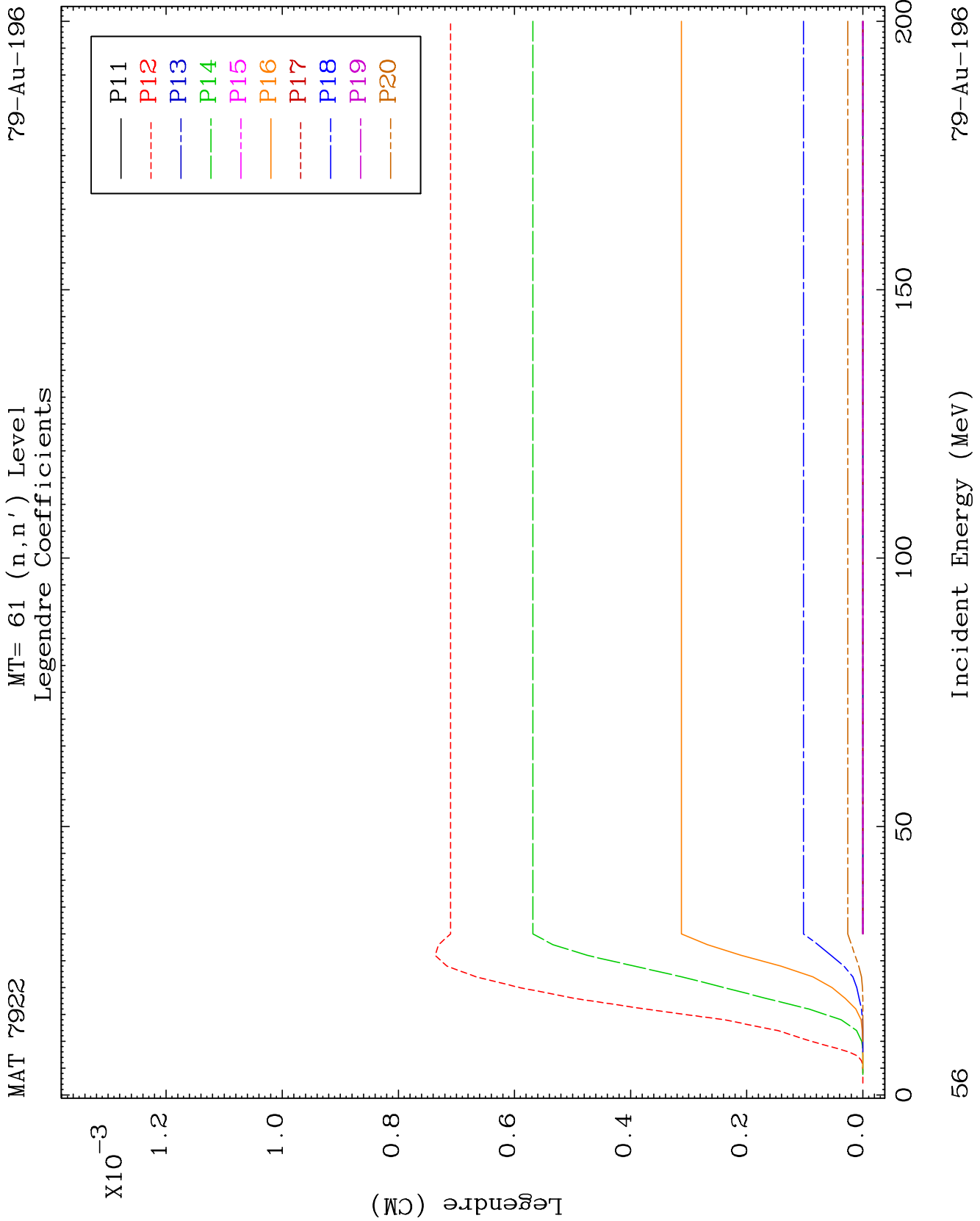
79-Au-196



55

Incident Energy (MeV)

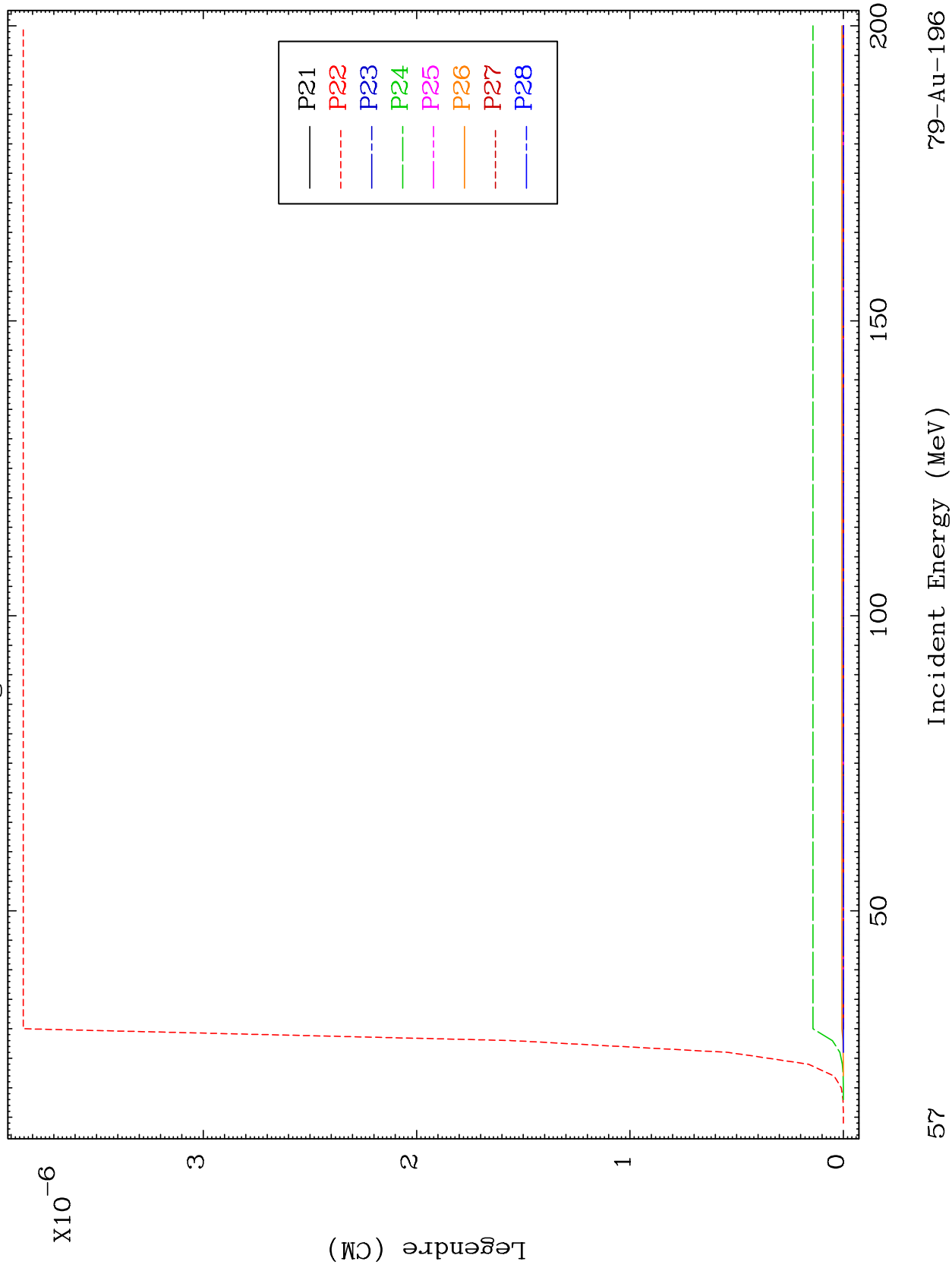
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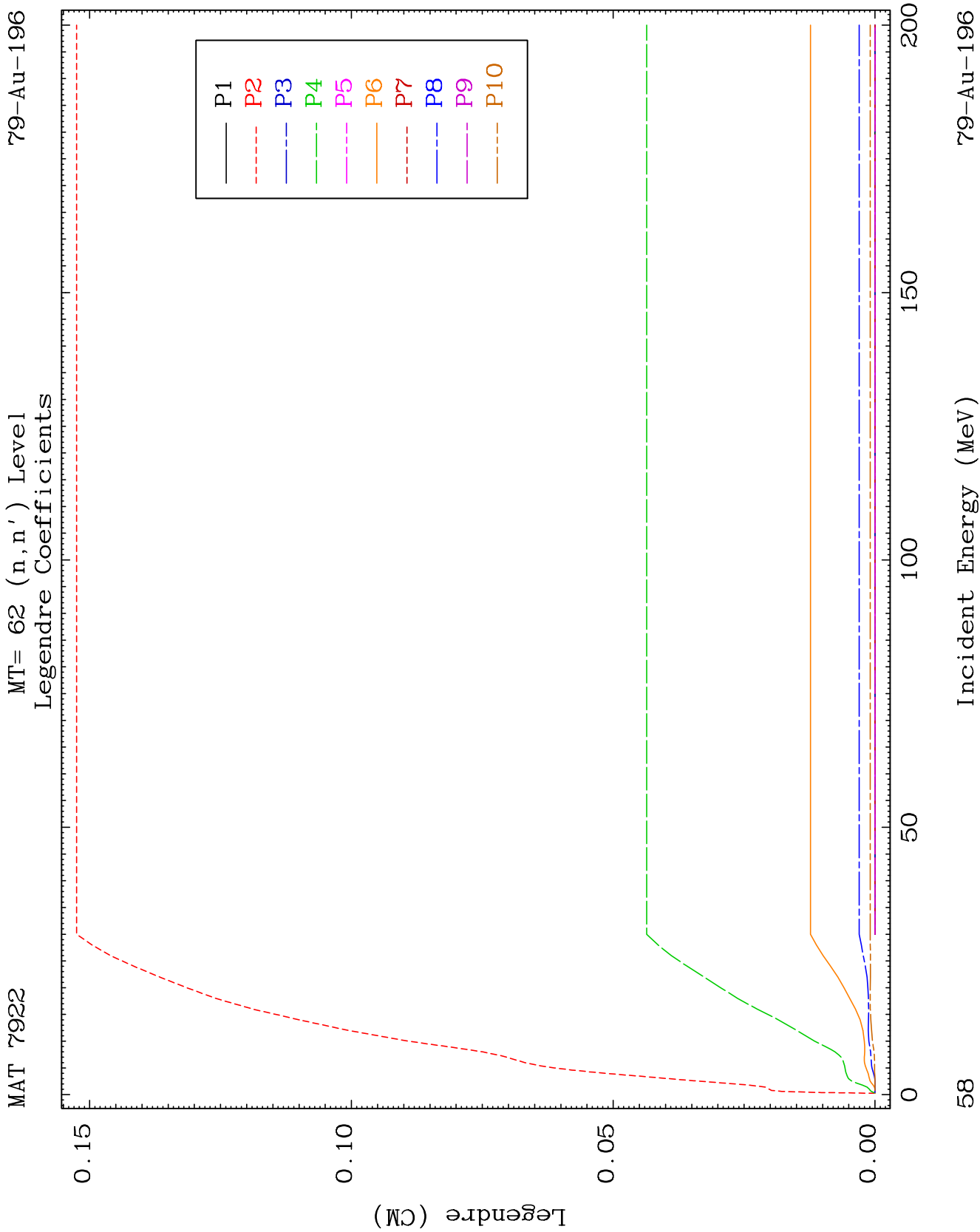


MAT 7922

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

79-Au-196

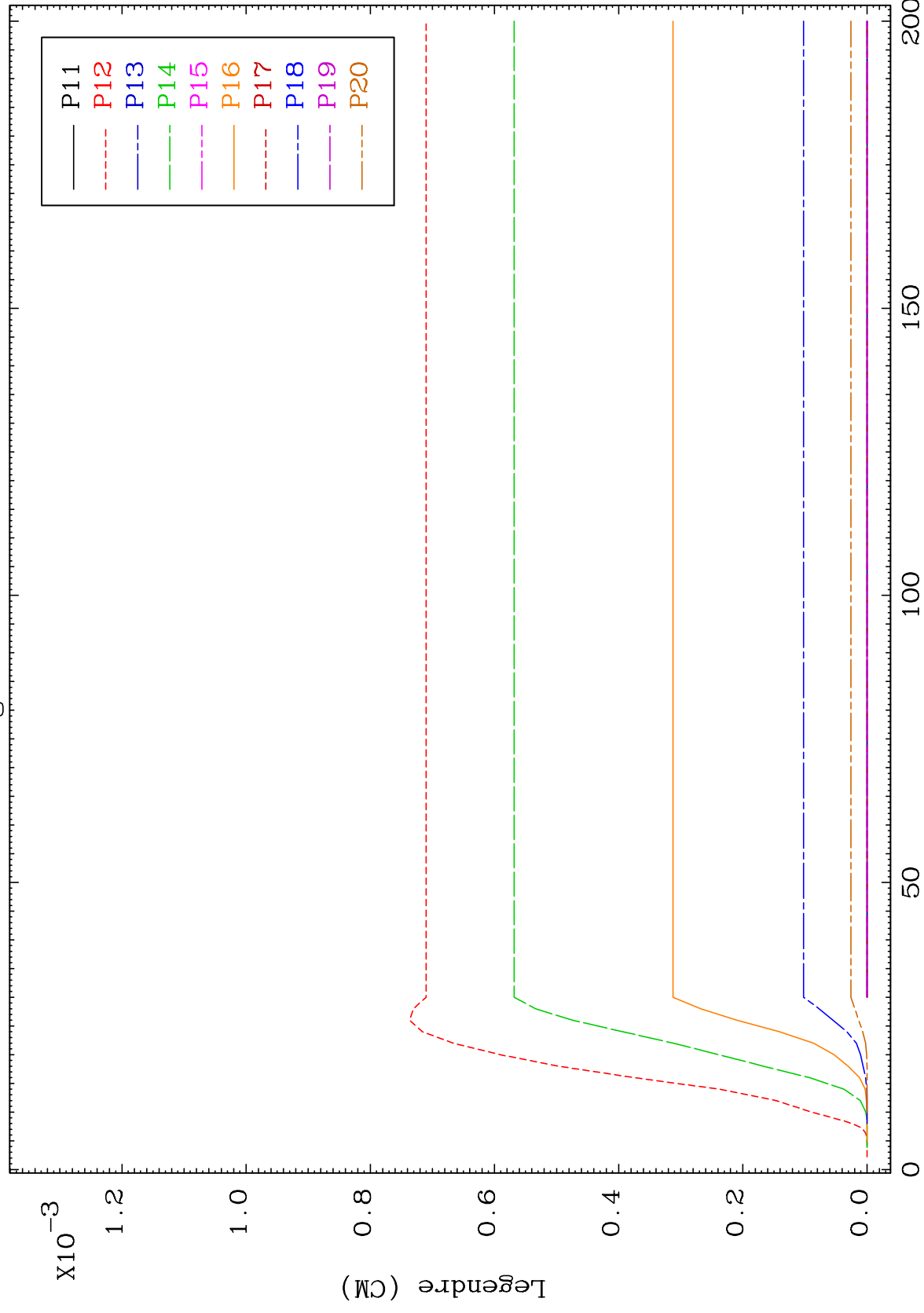




MAT 7922

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

79-Au-196



59

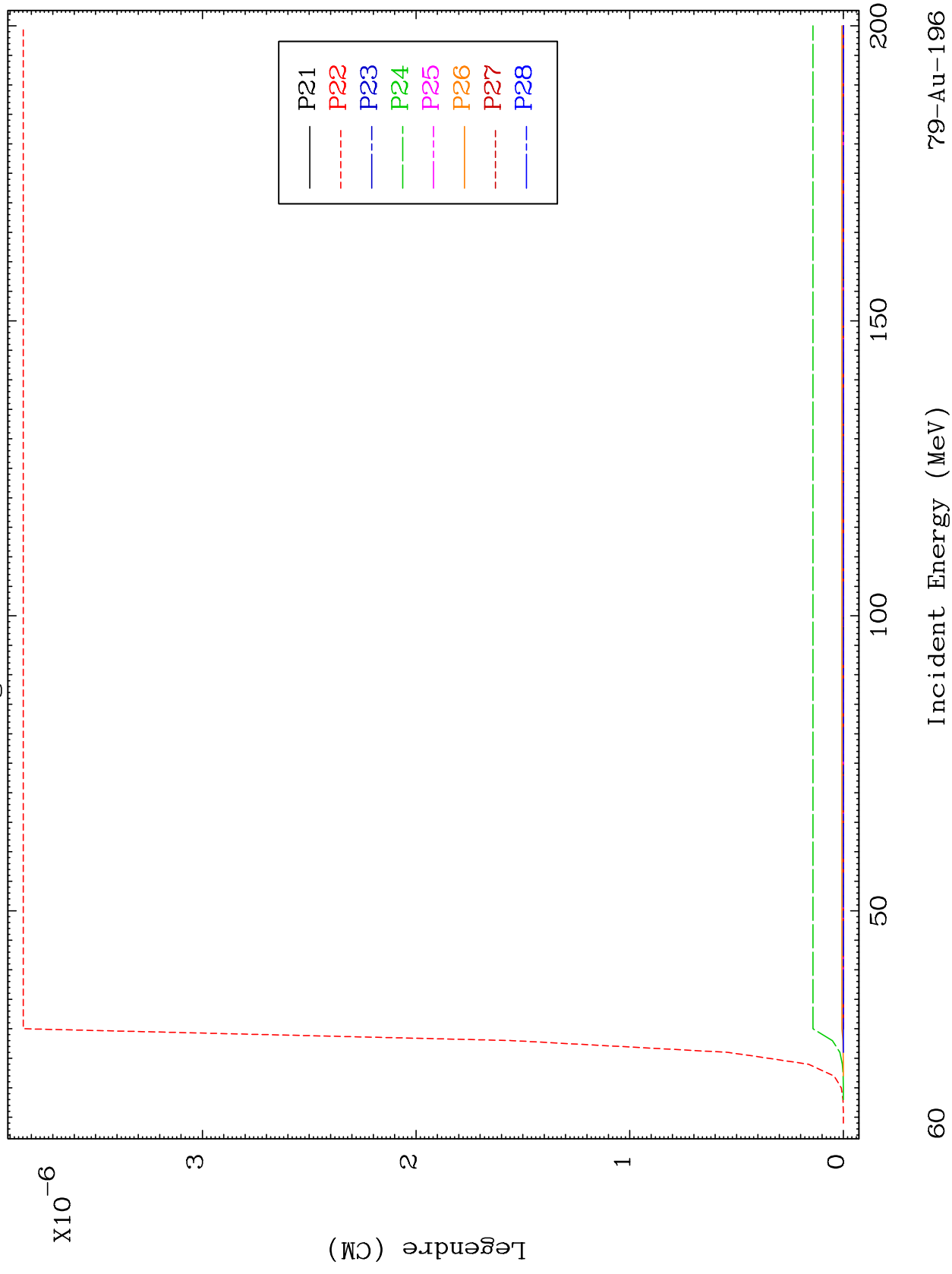
Incident Energy (MeV)

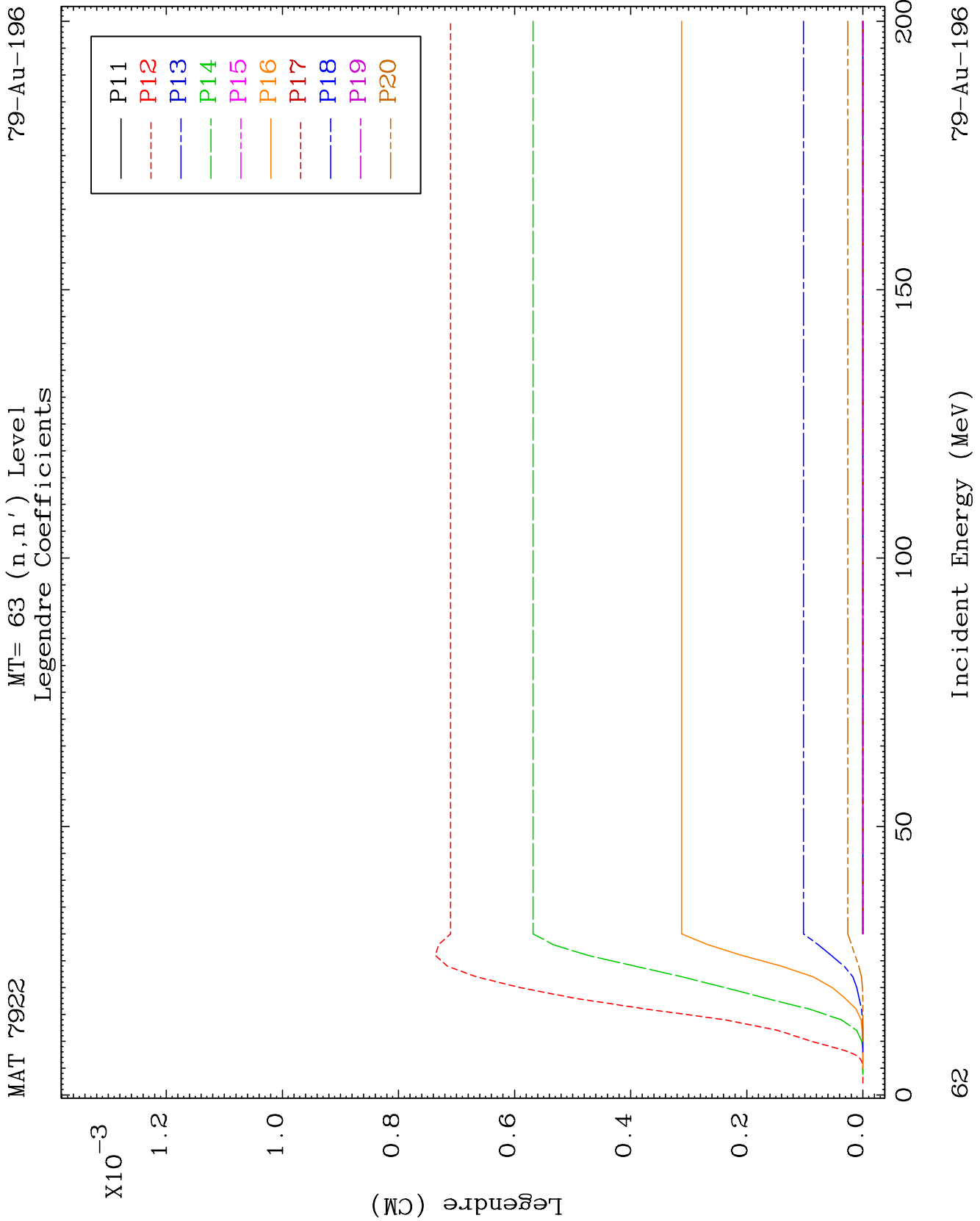
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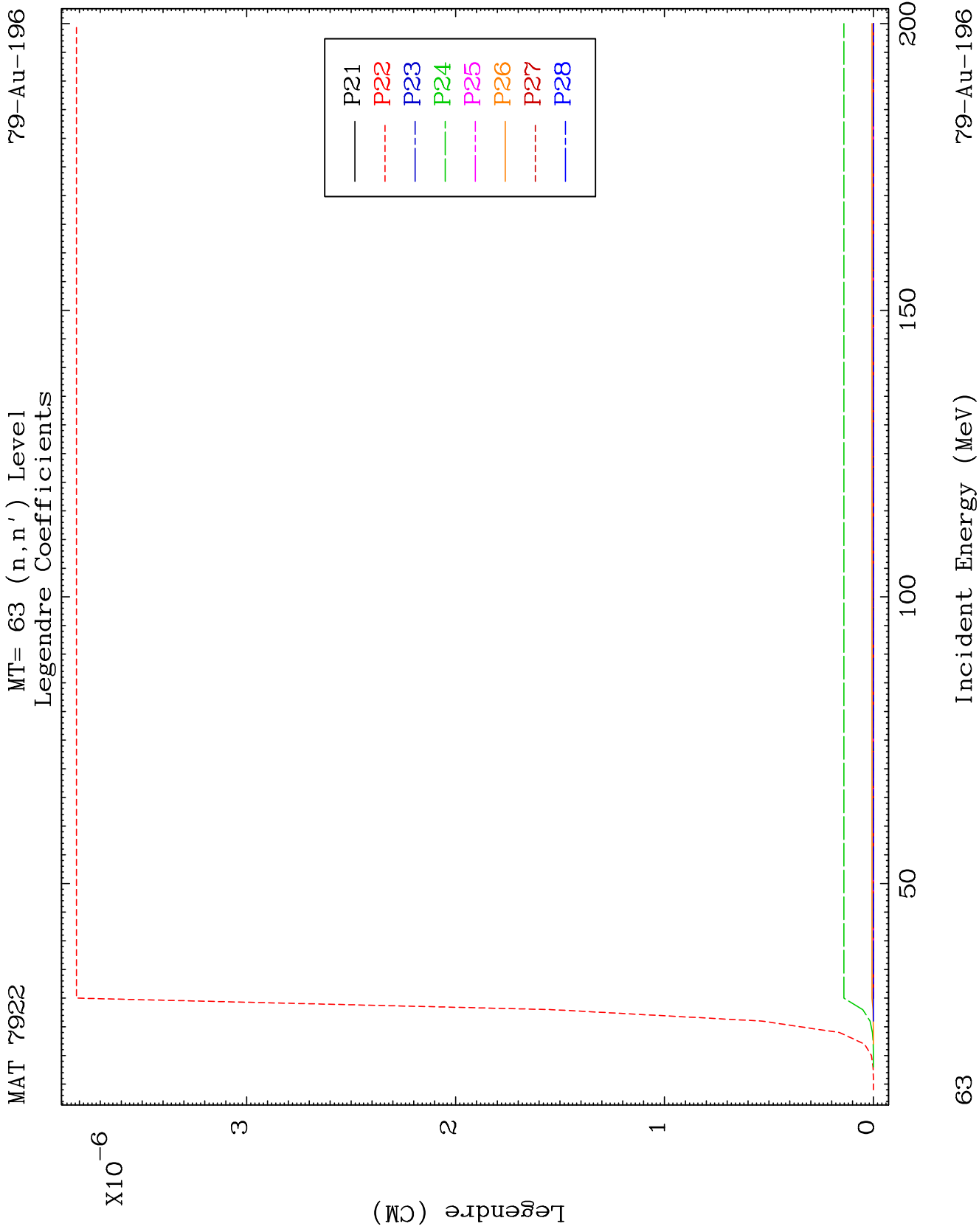
MAT 7922

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

79-Au-196



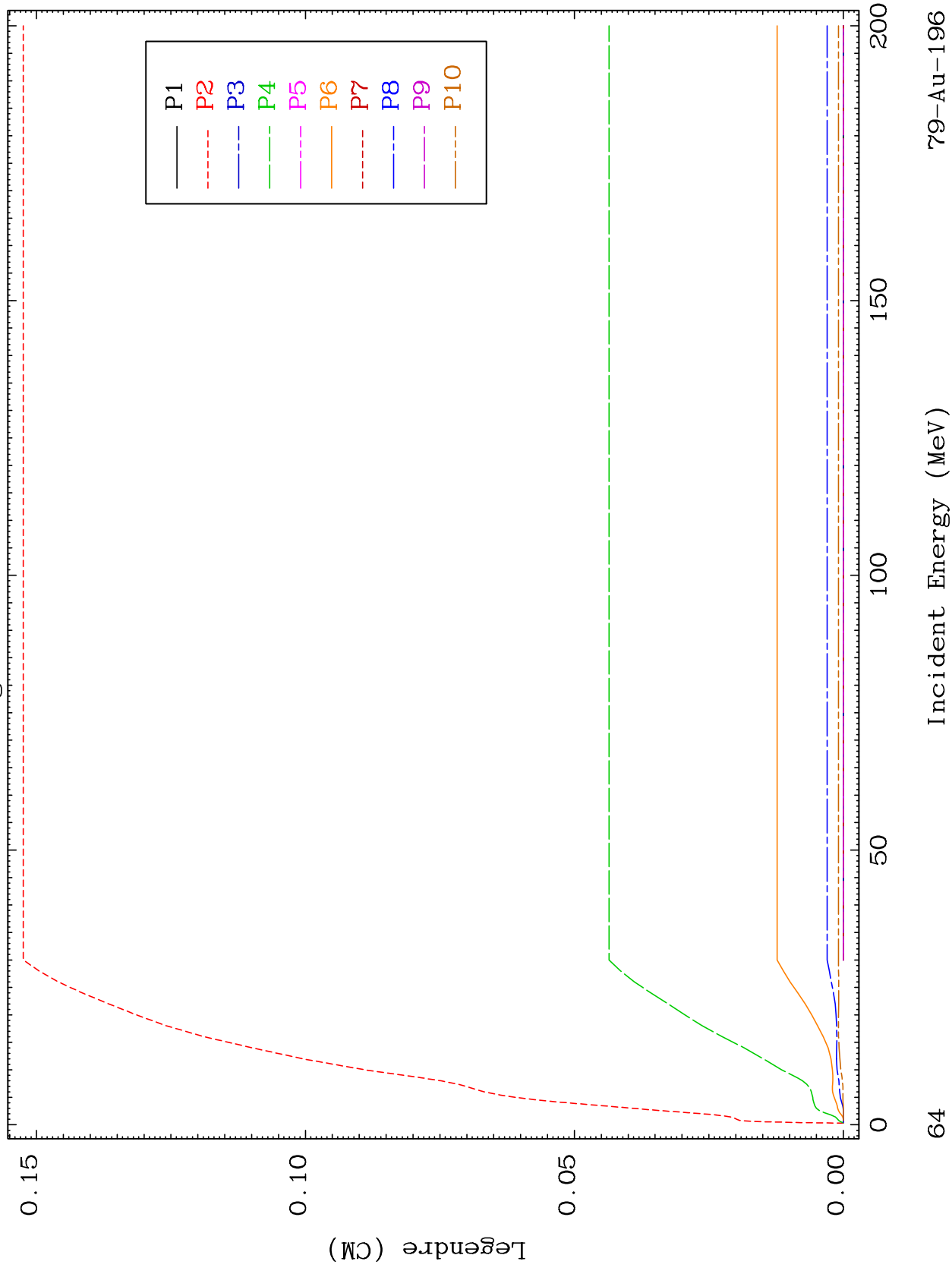


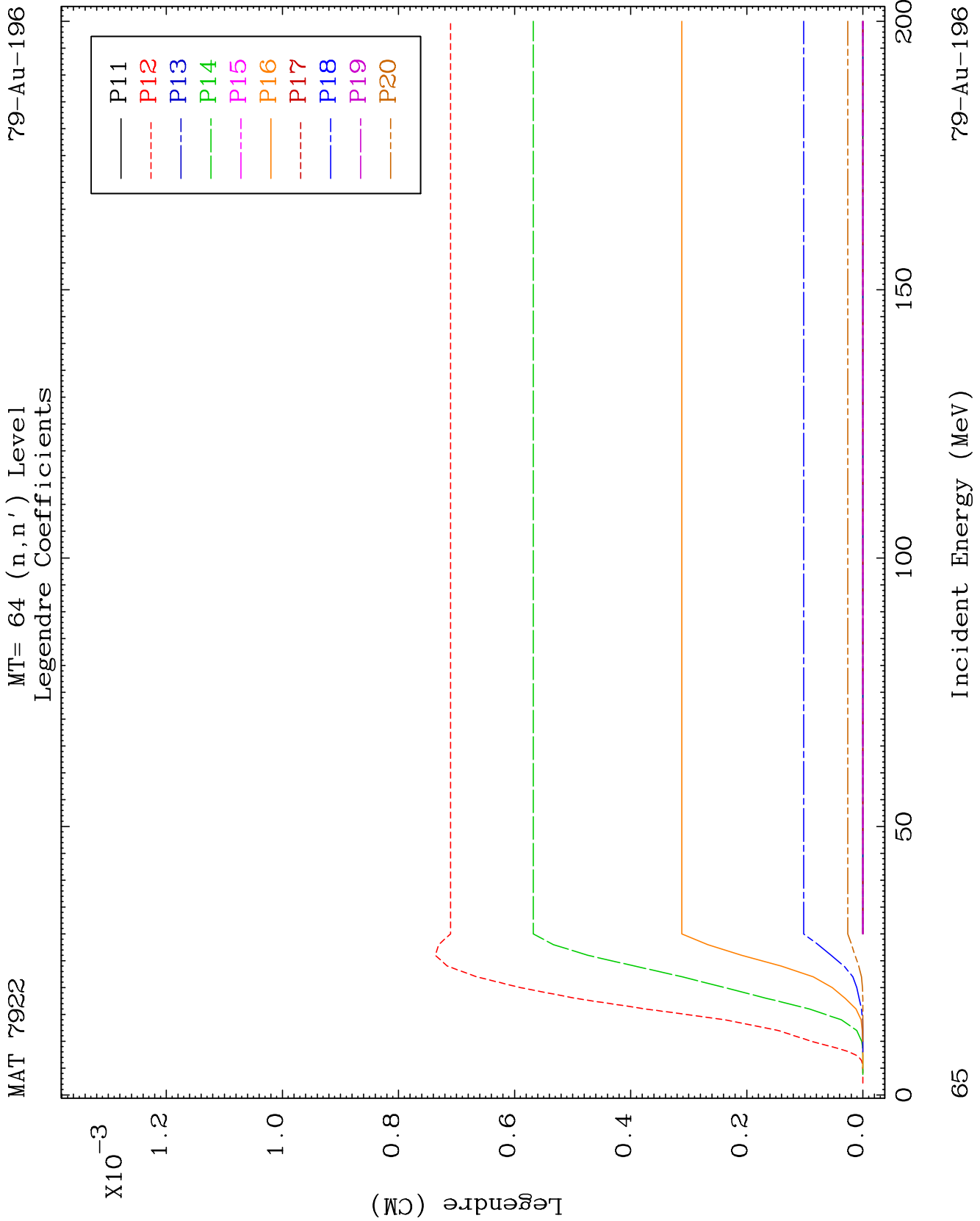


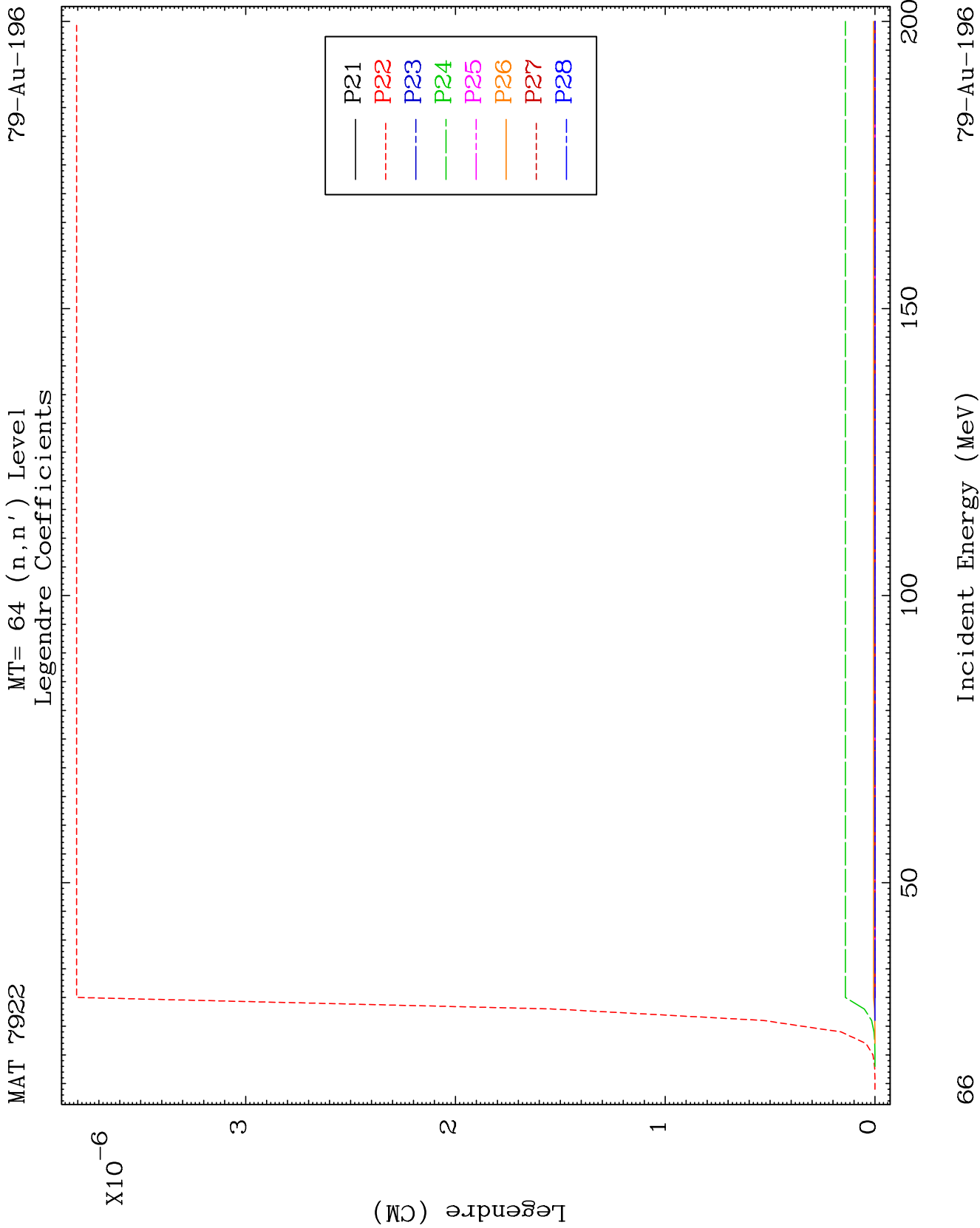
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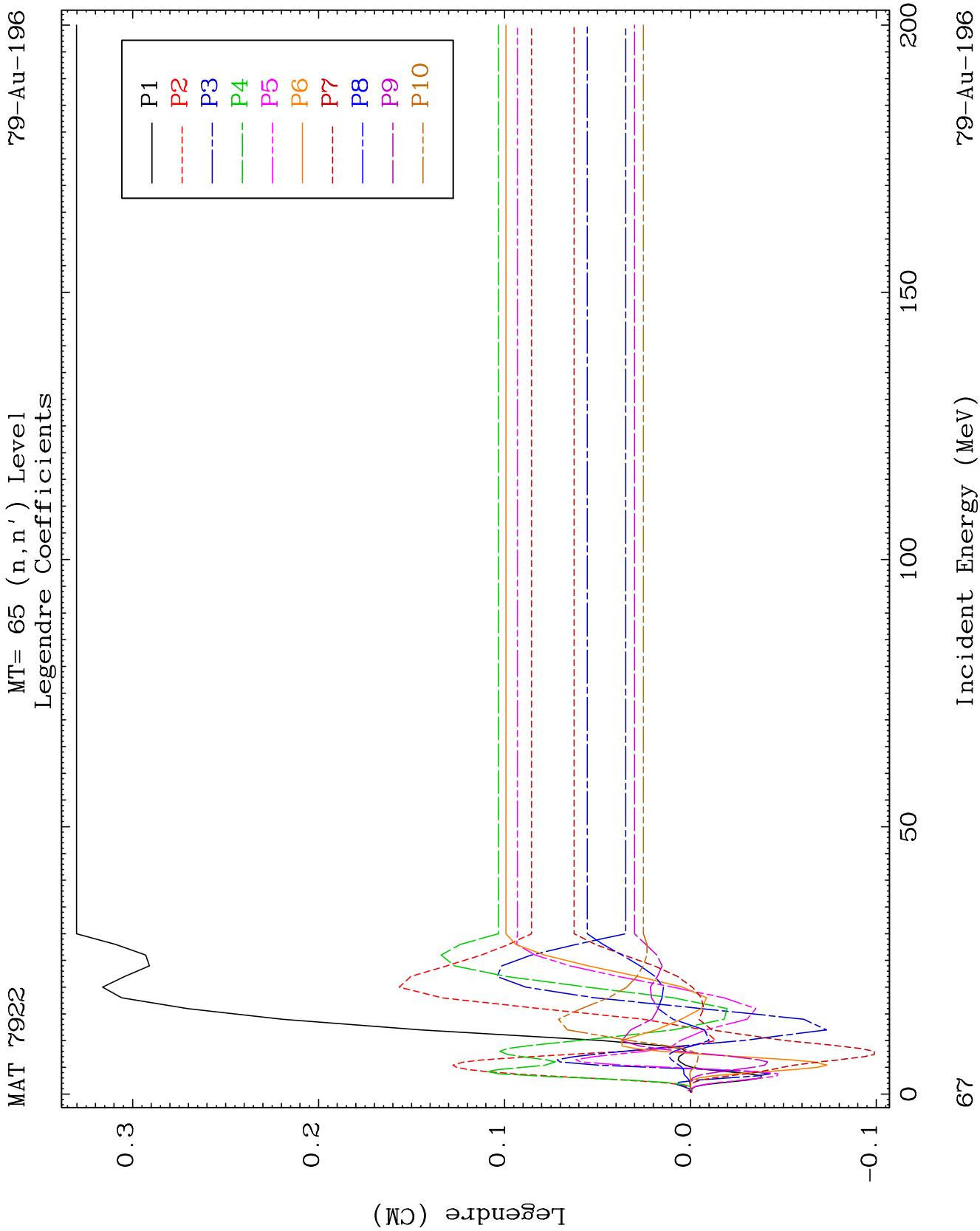
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Legendre Coefficients

79-Au-196





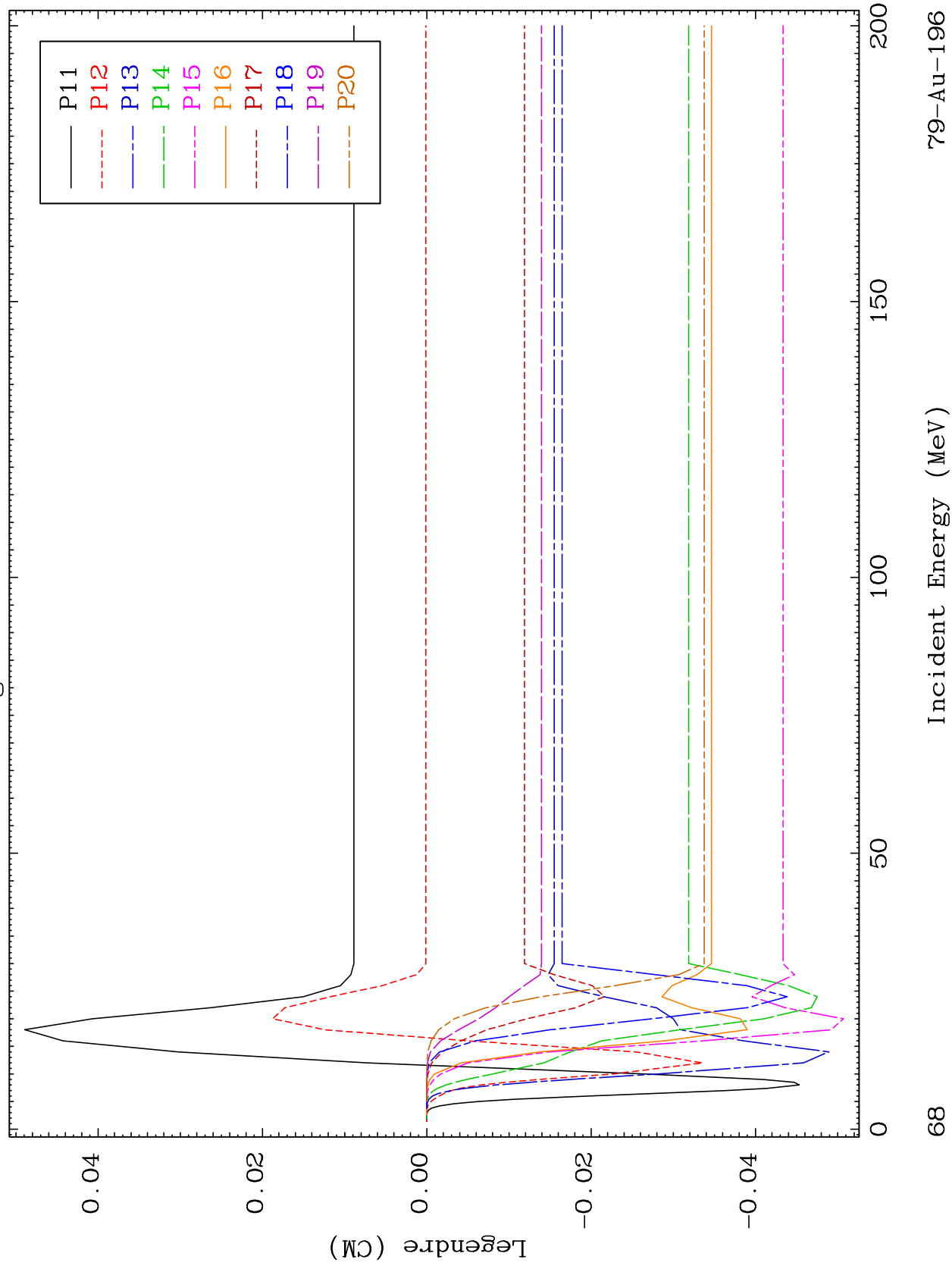


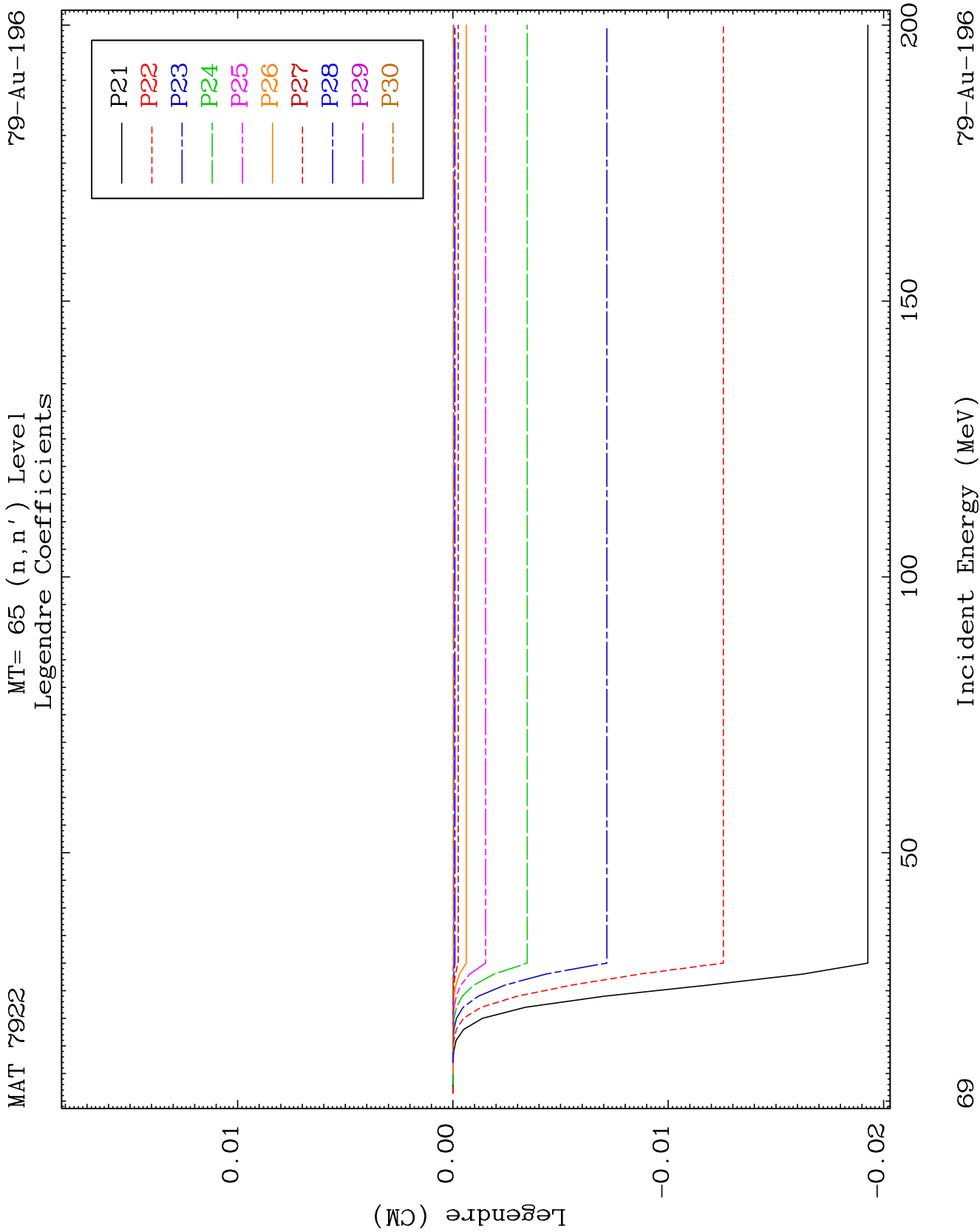


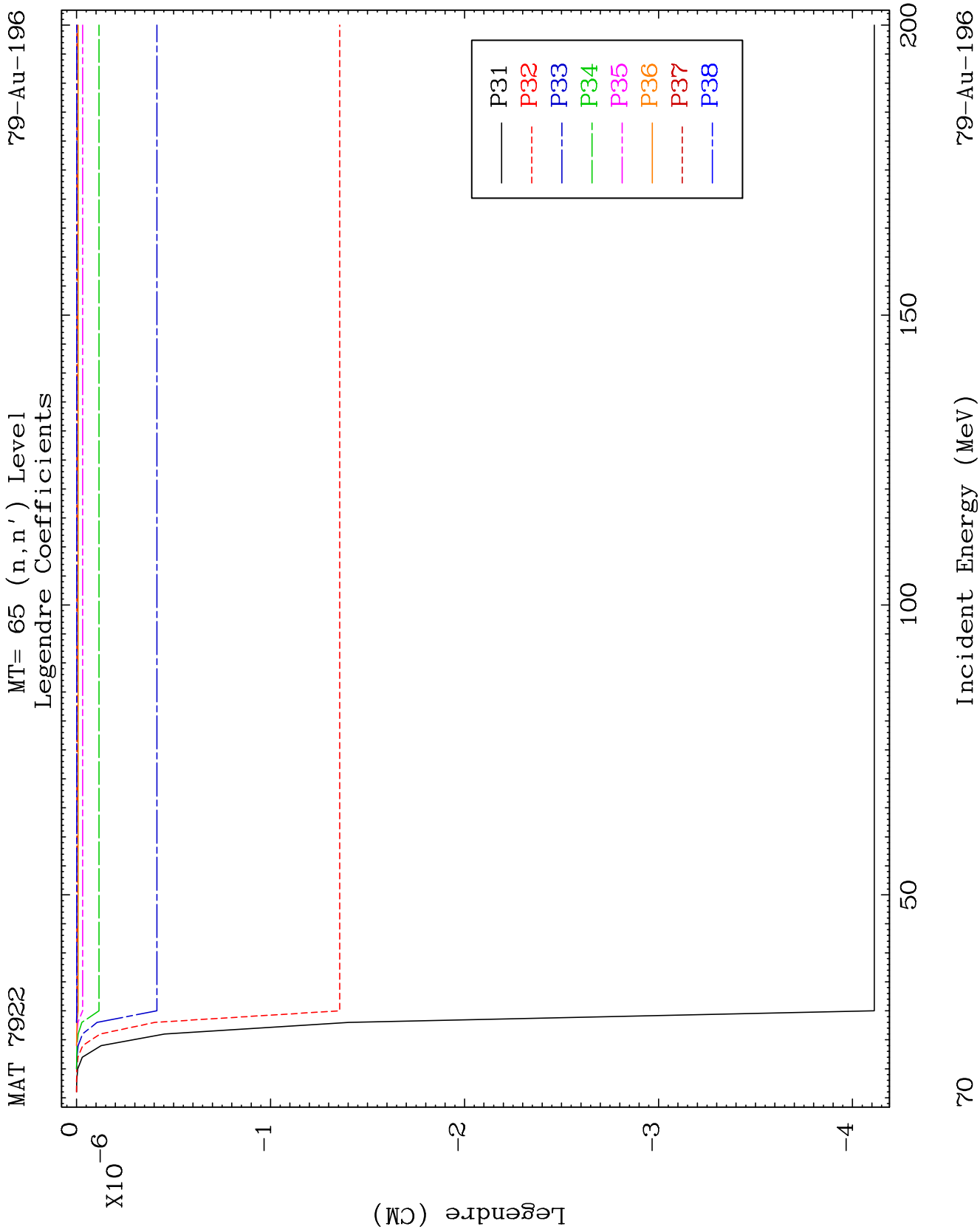
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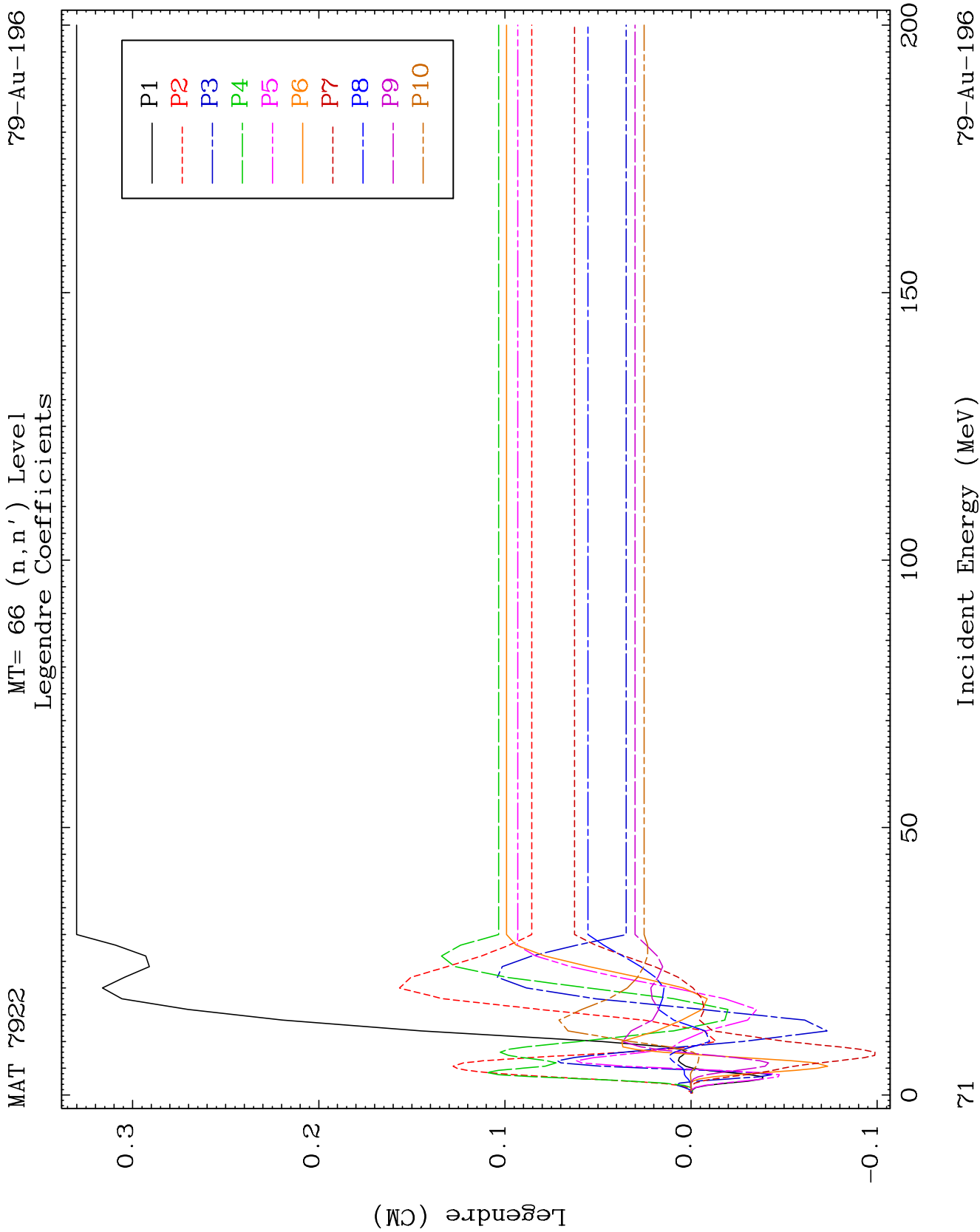
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Legendre Coefficients

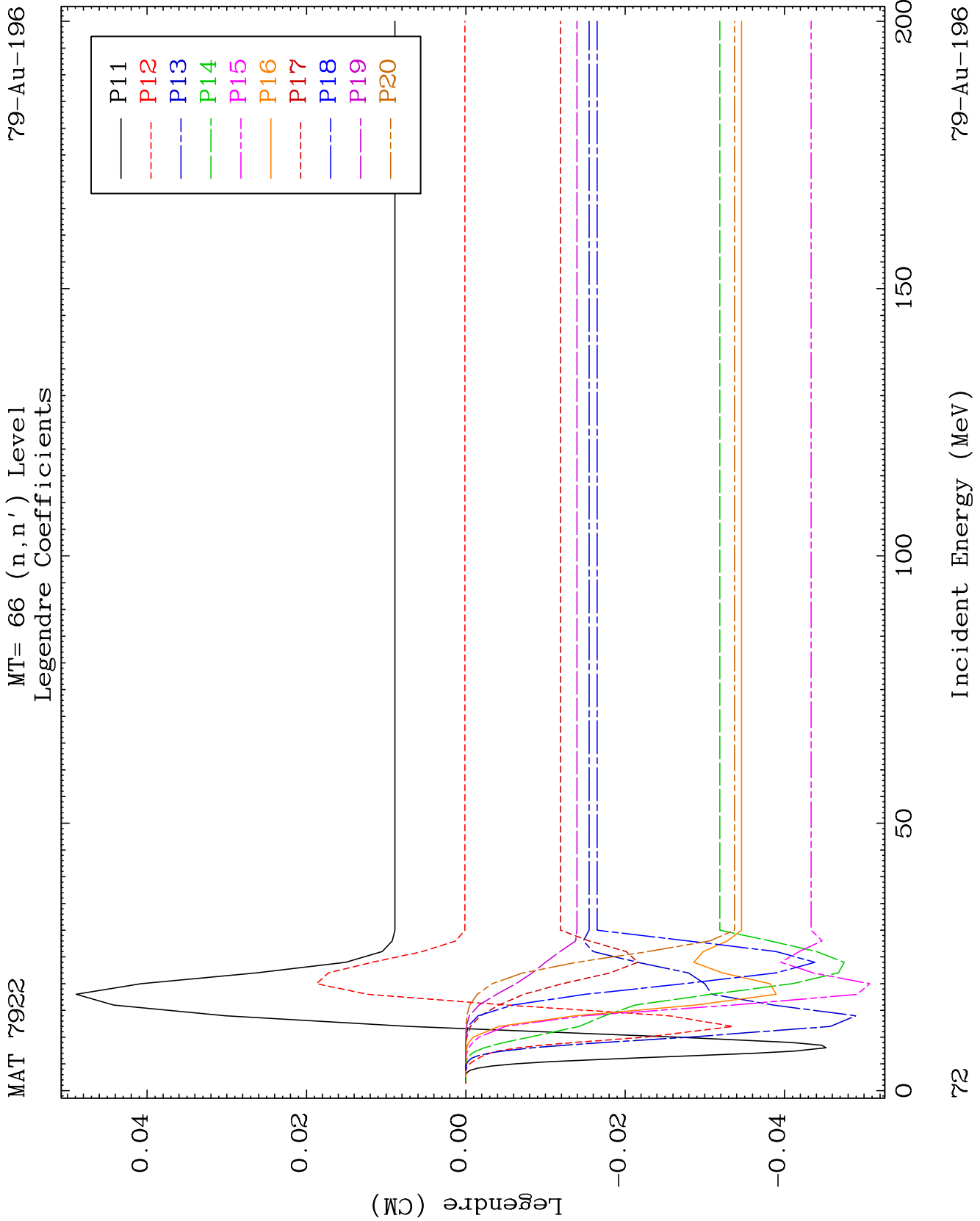
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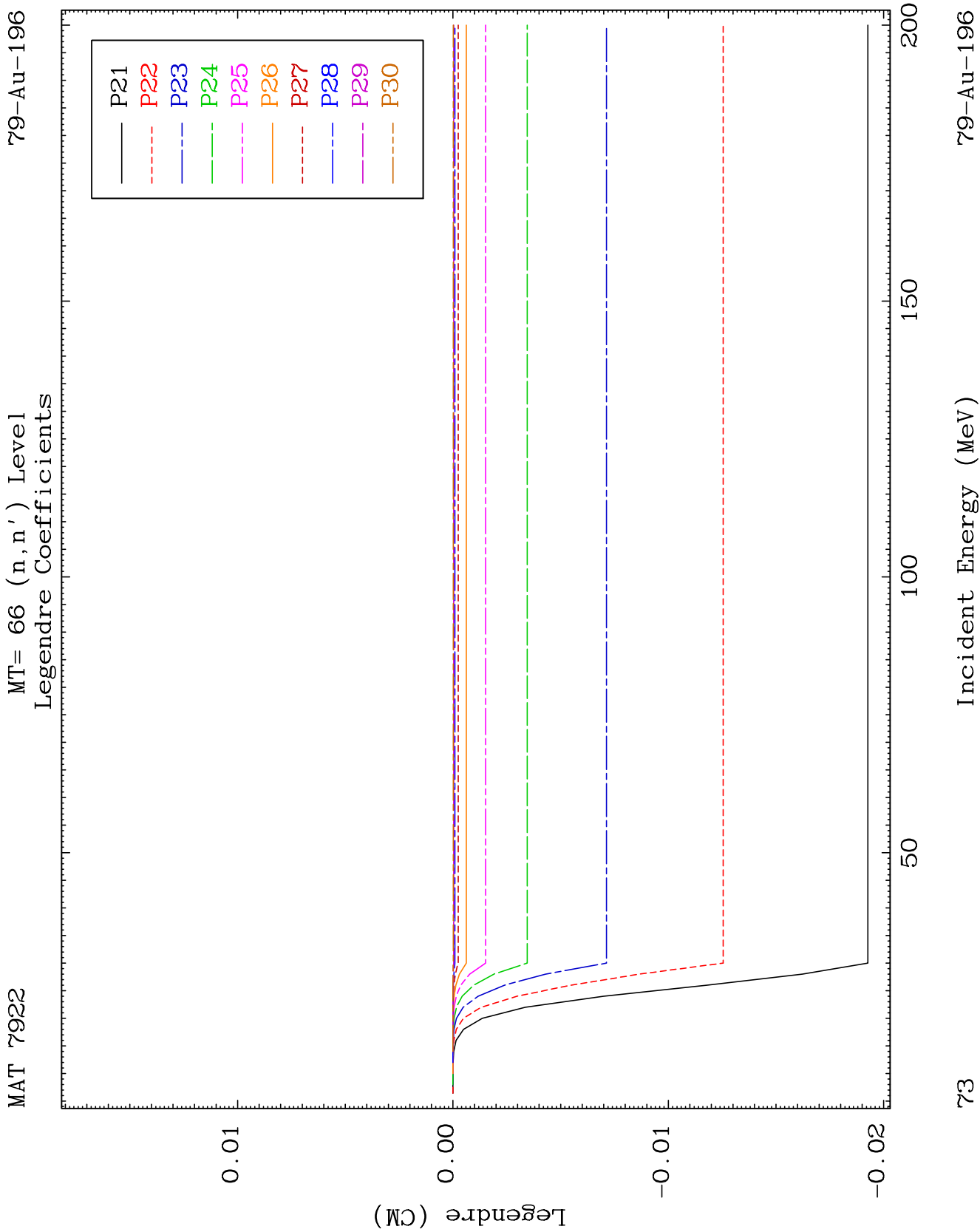


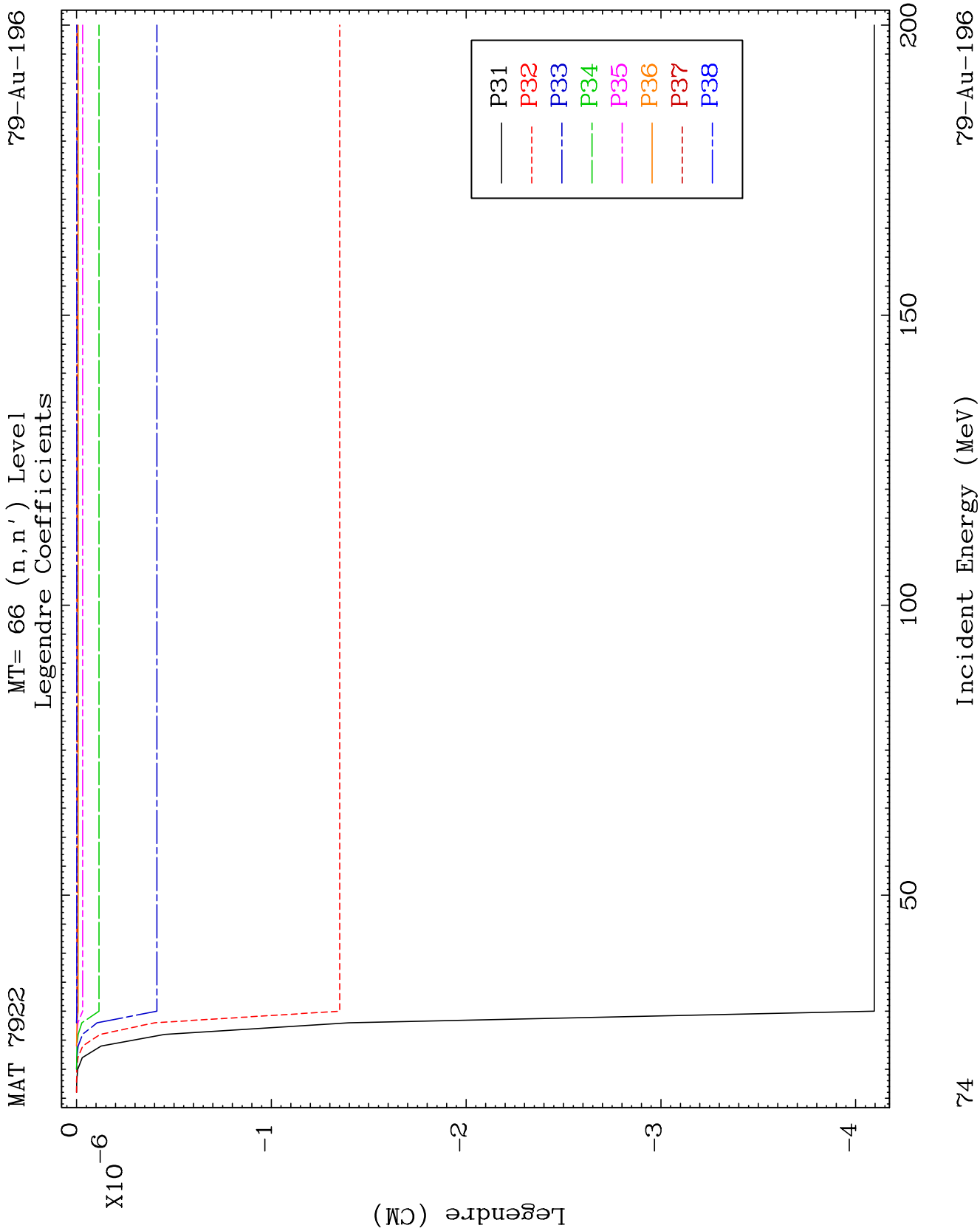


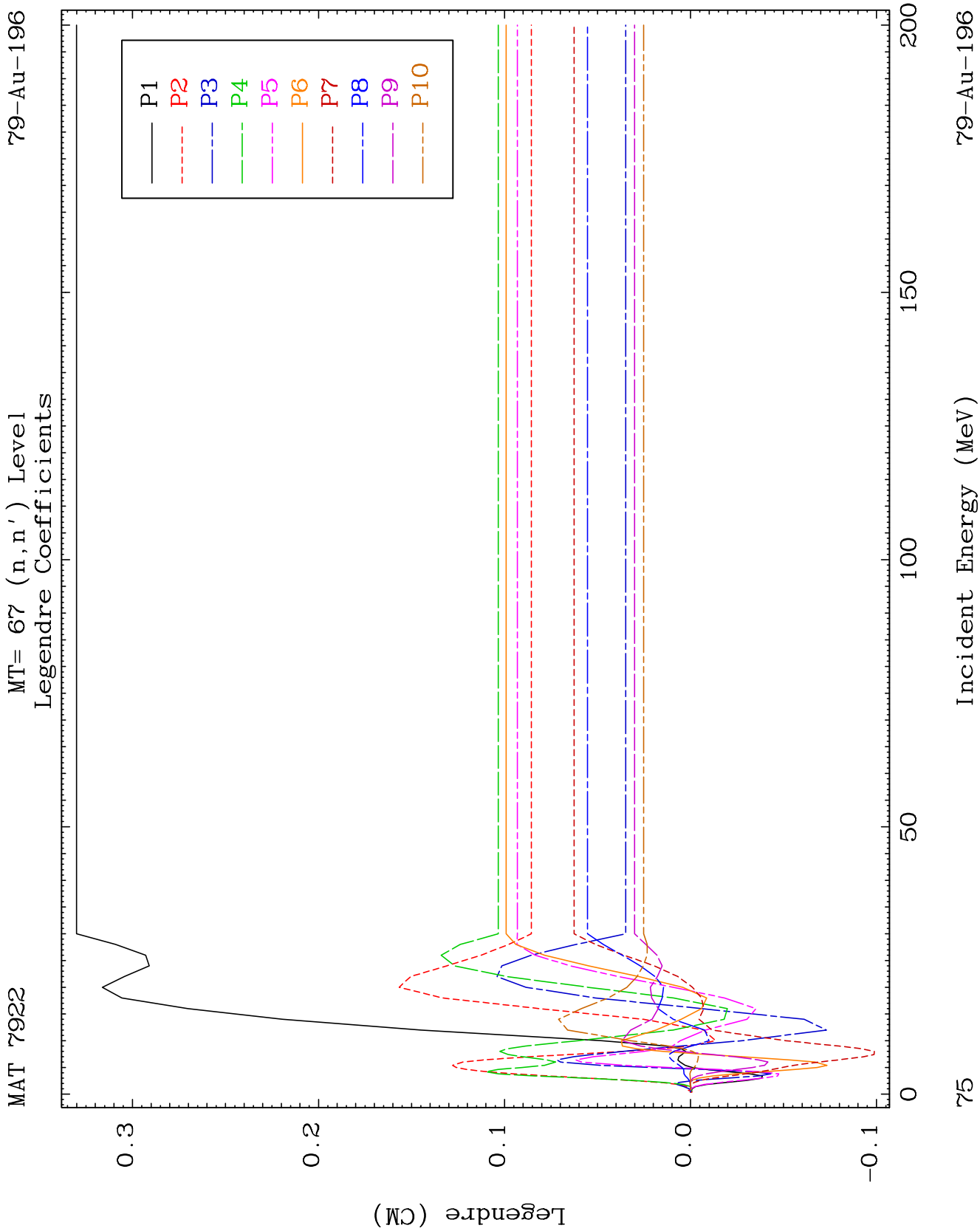


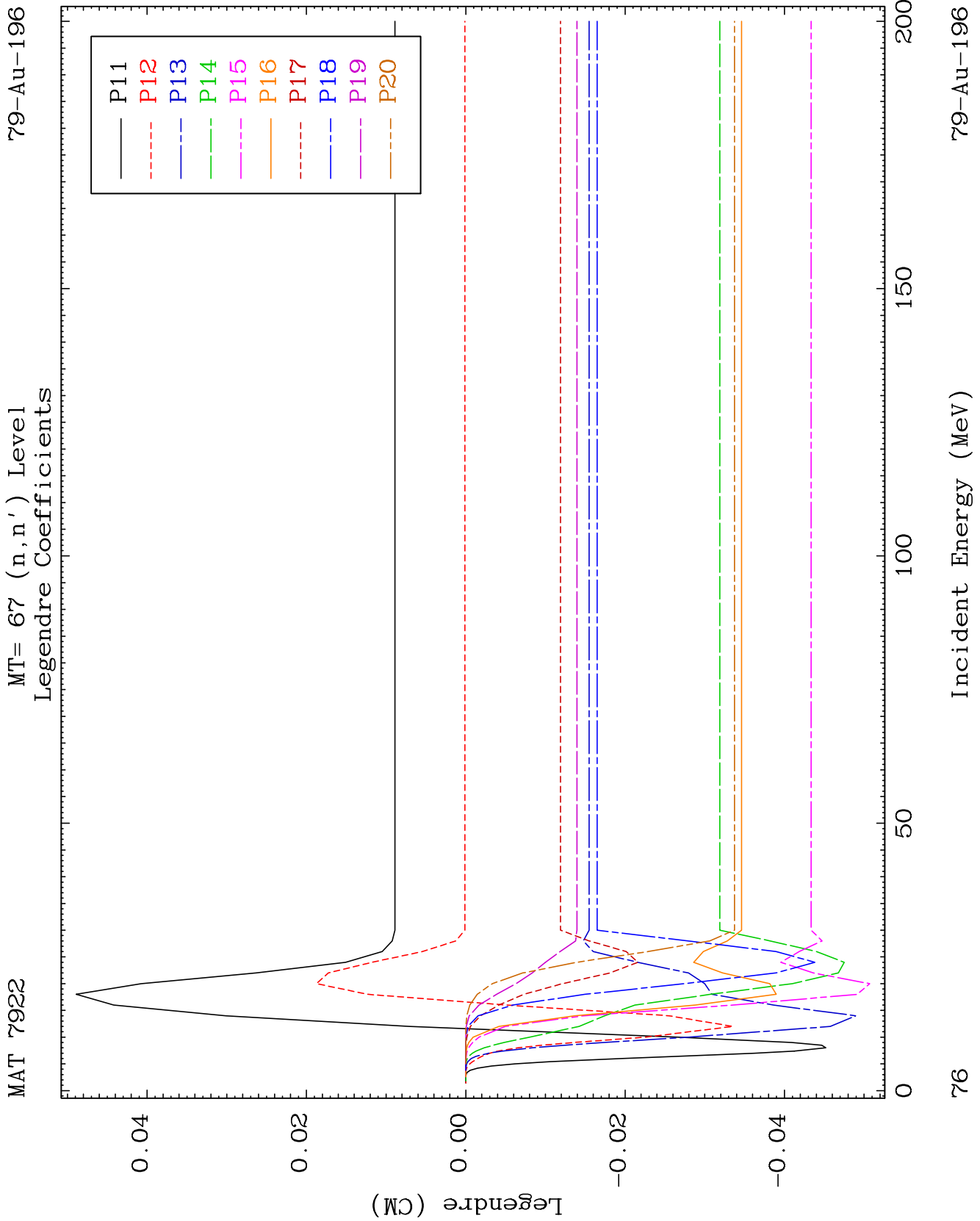








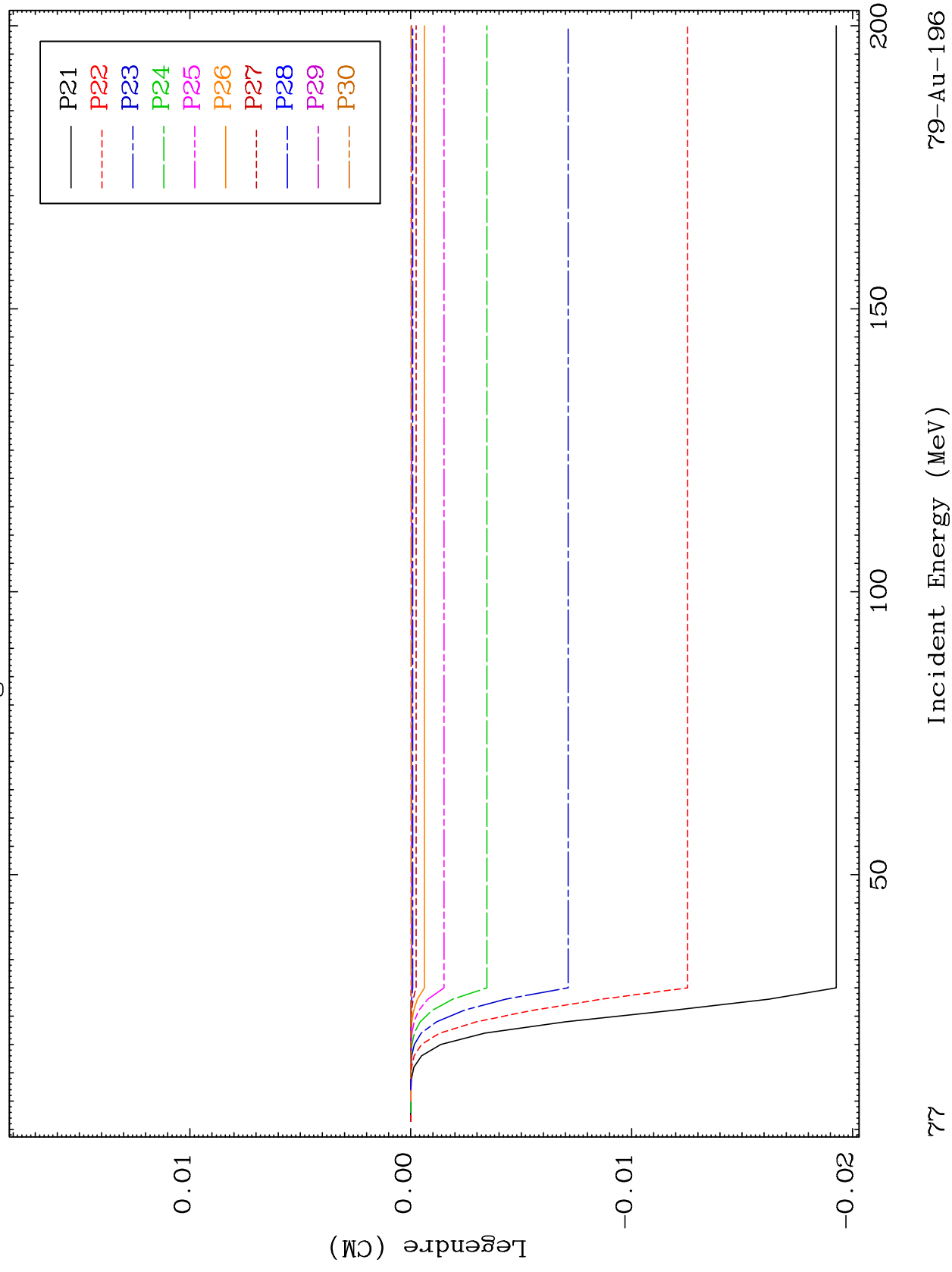


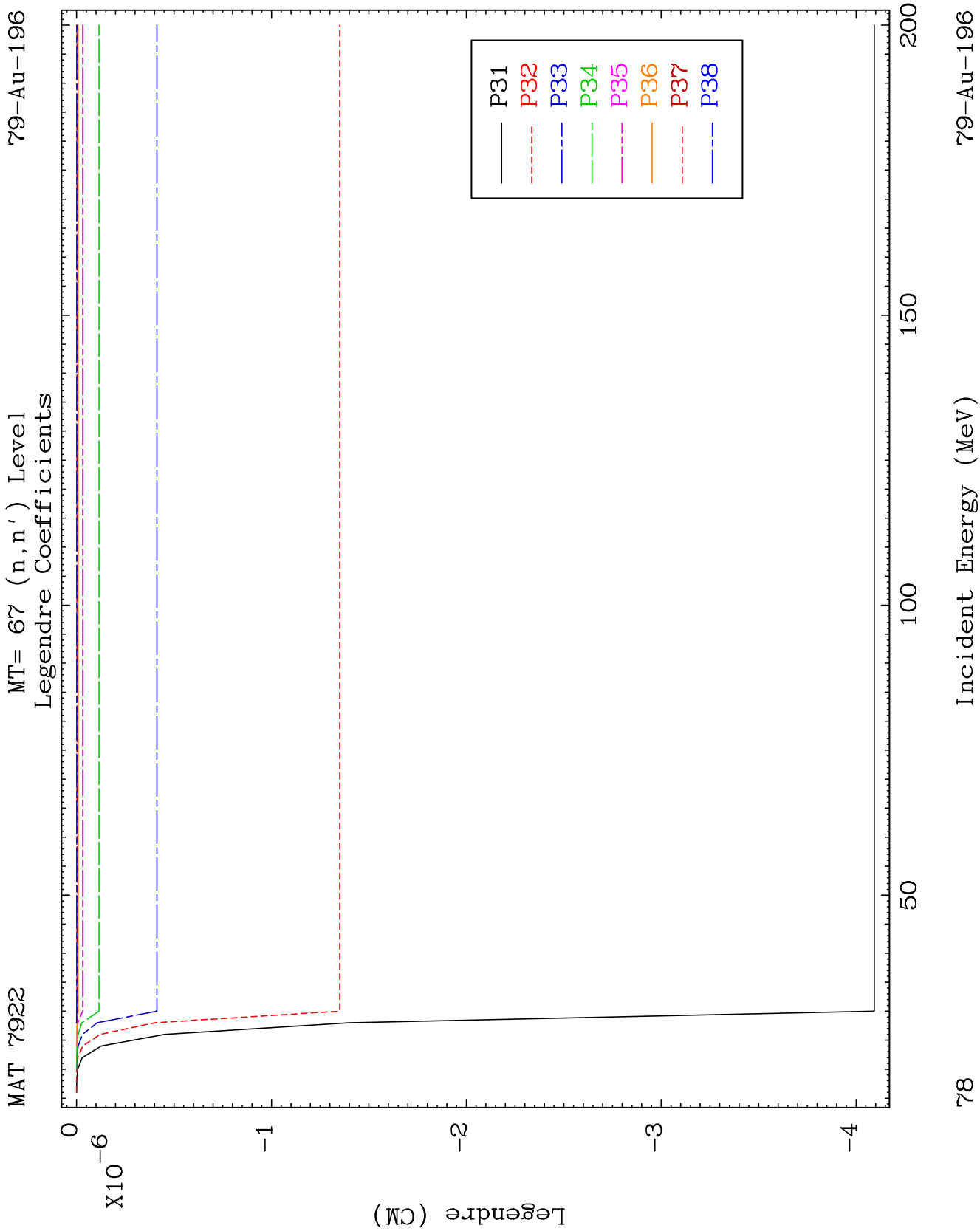


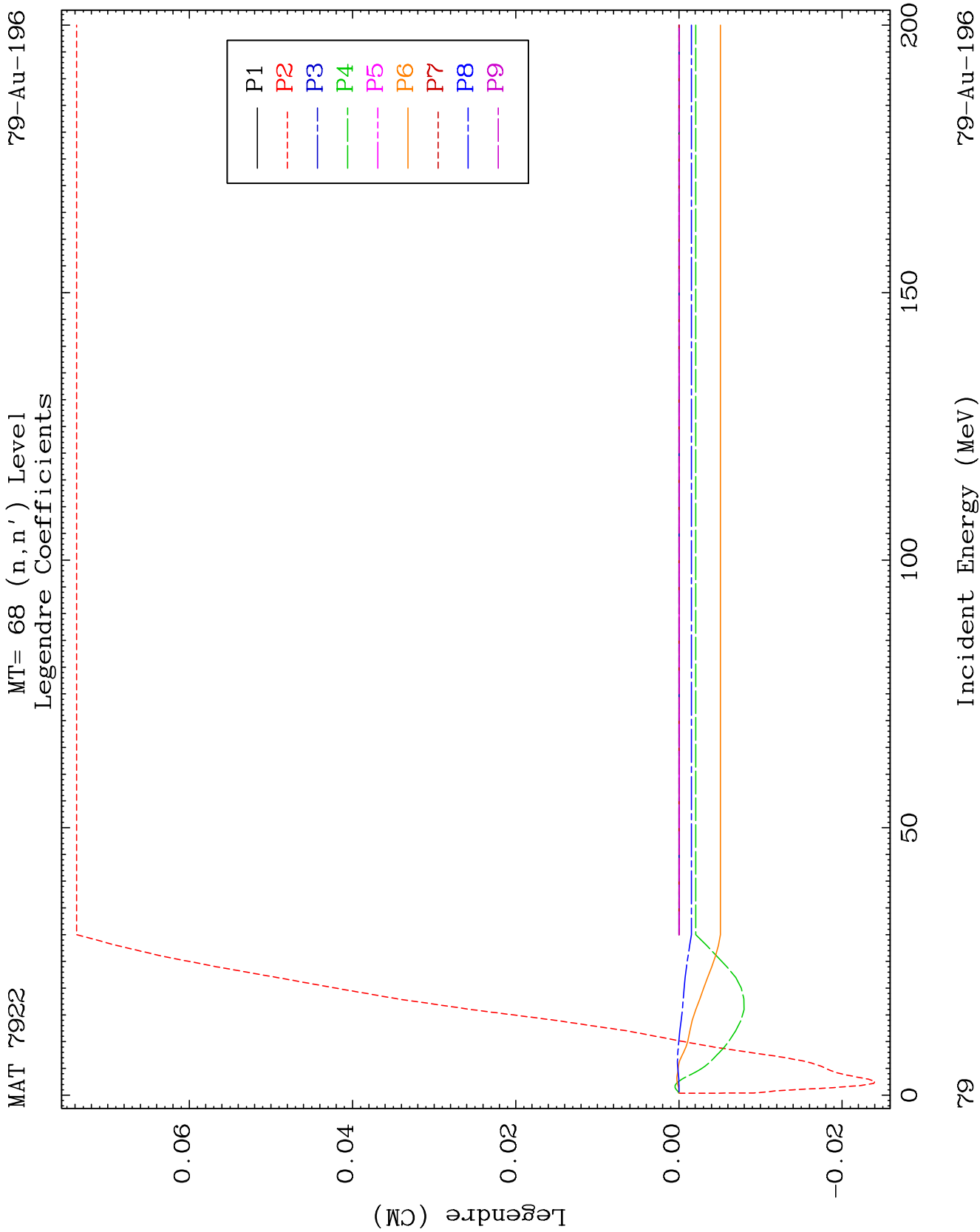
MAT 7922

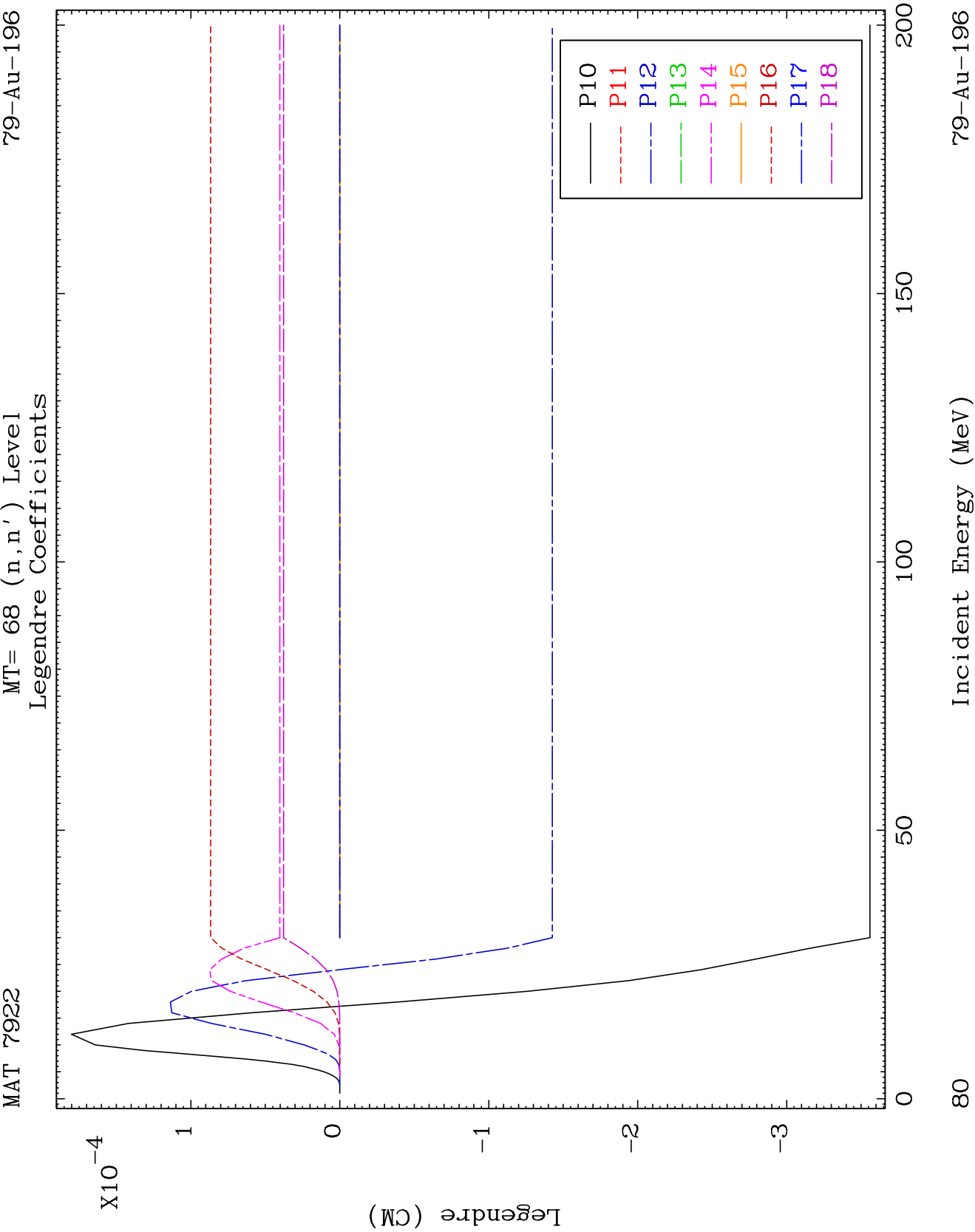
MT= 67 (n, n') Level
Legendre Coefficients

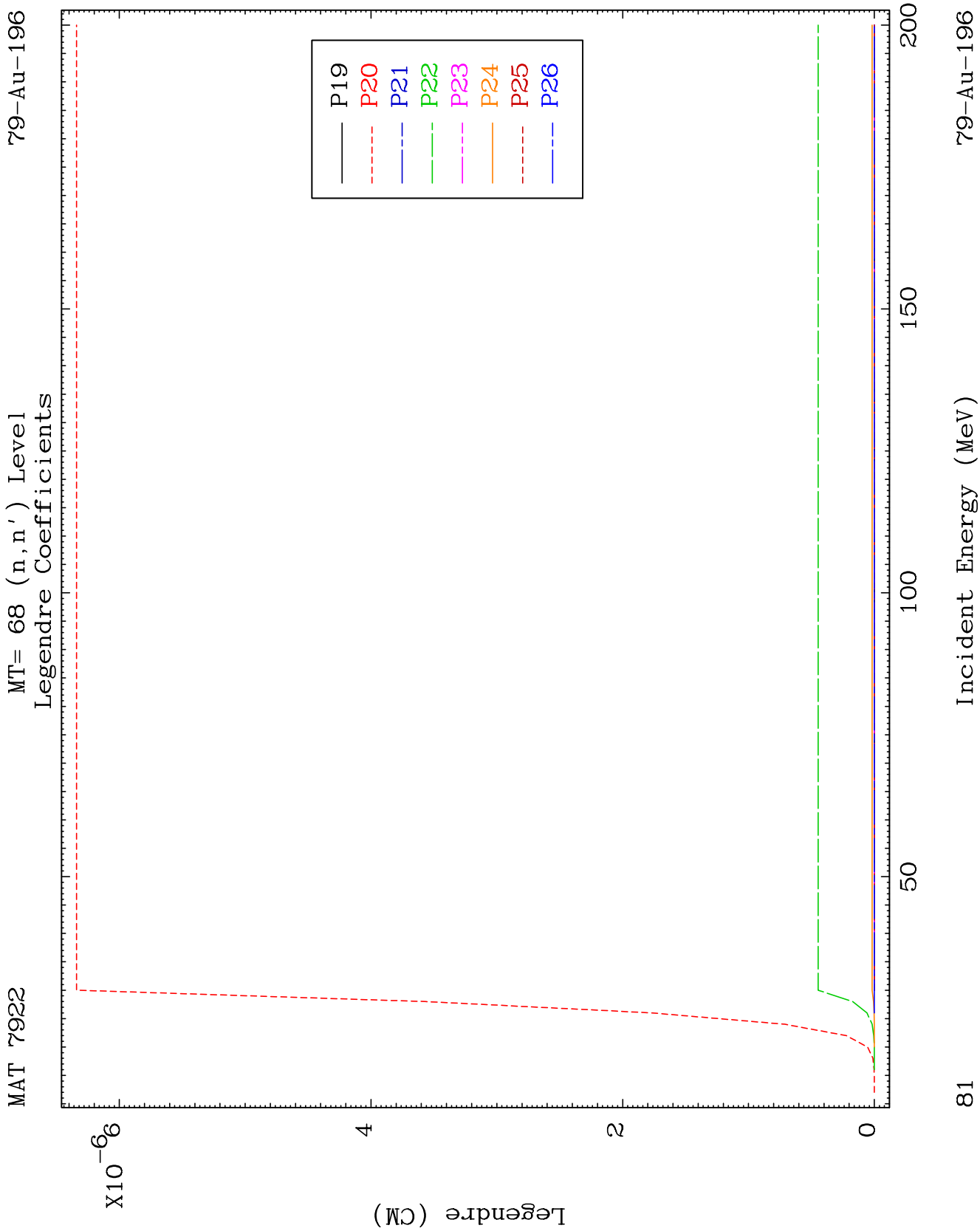
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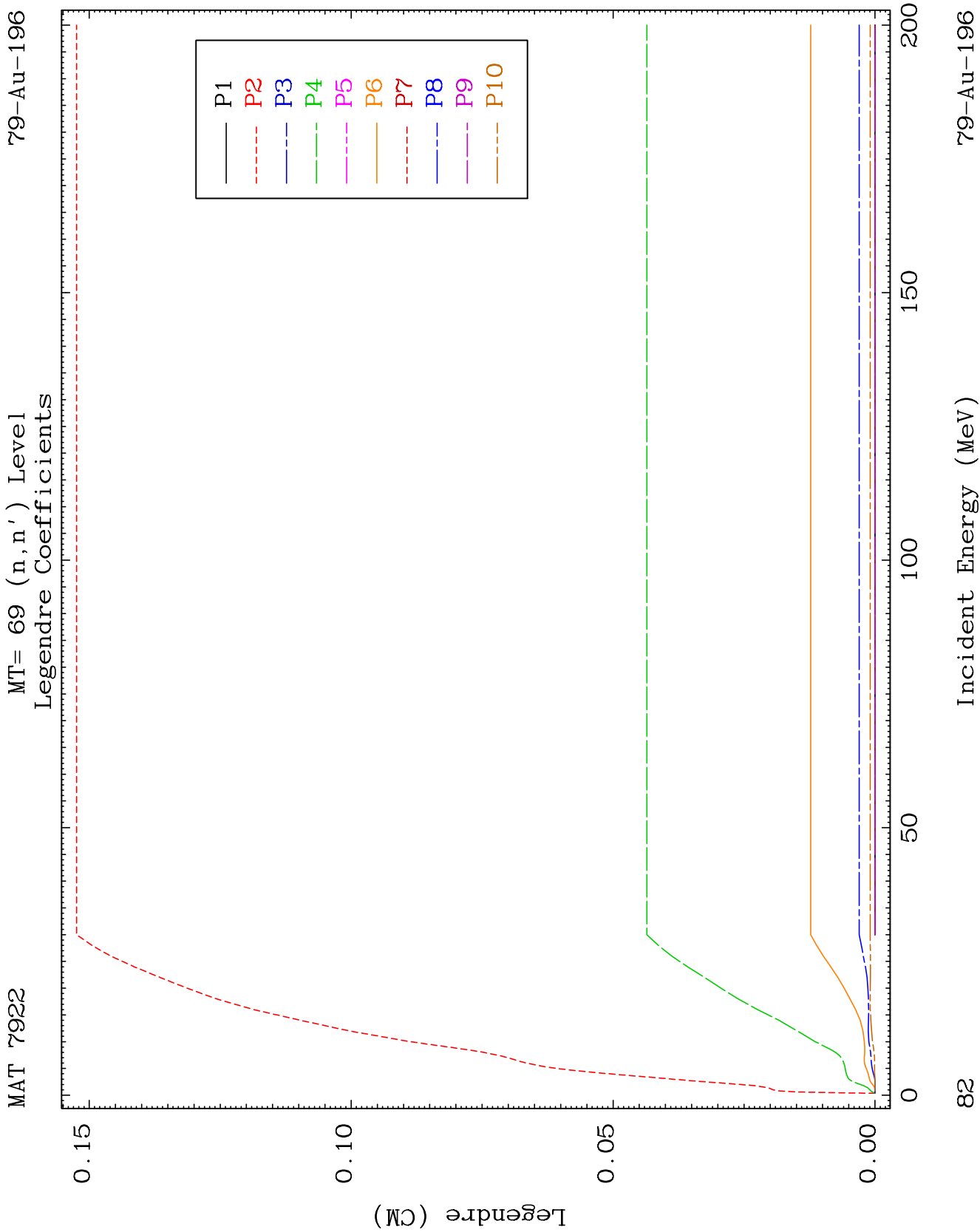


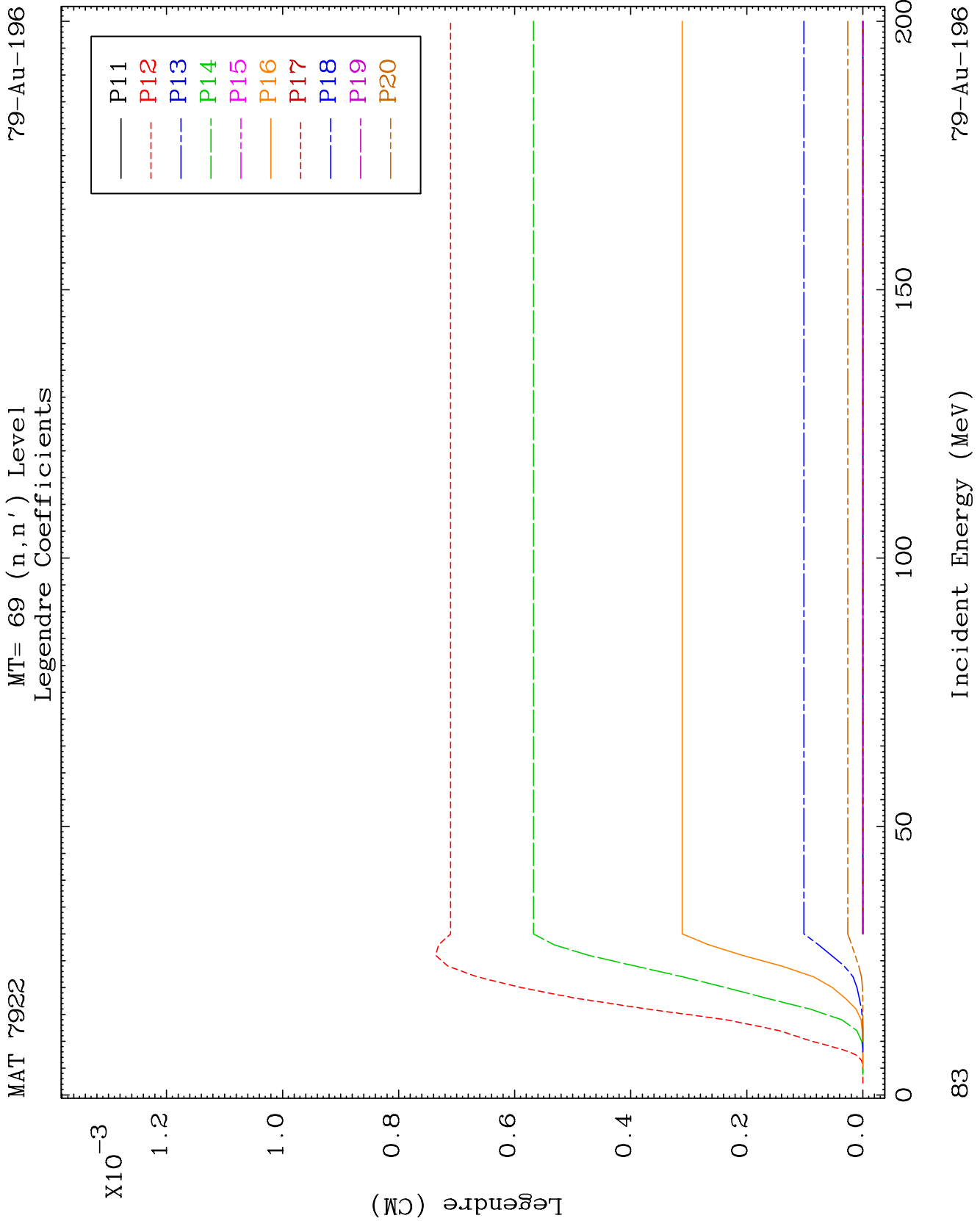


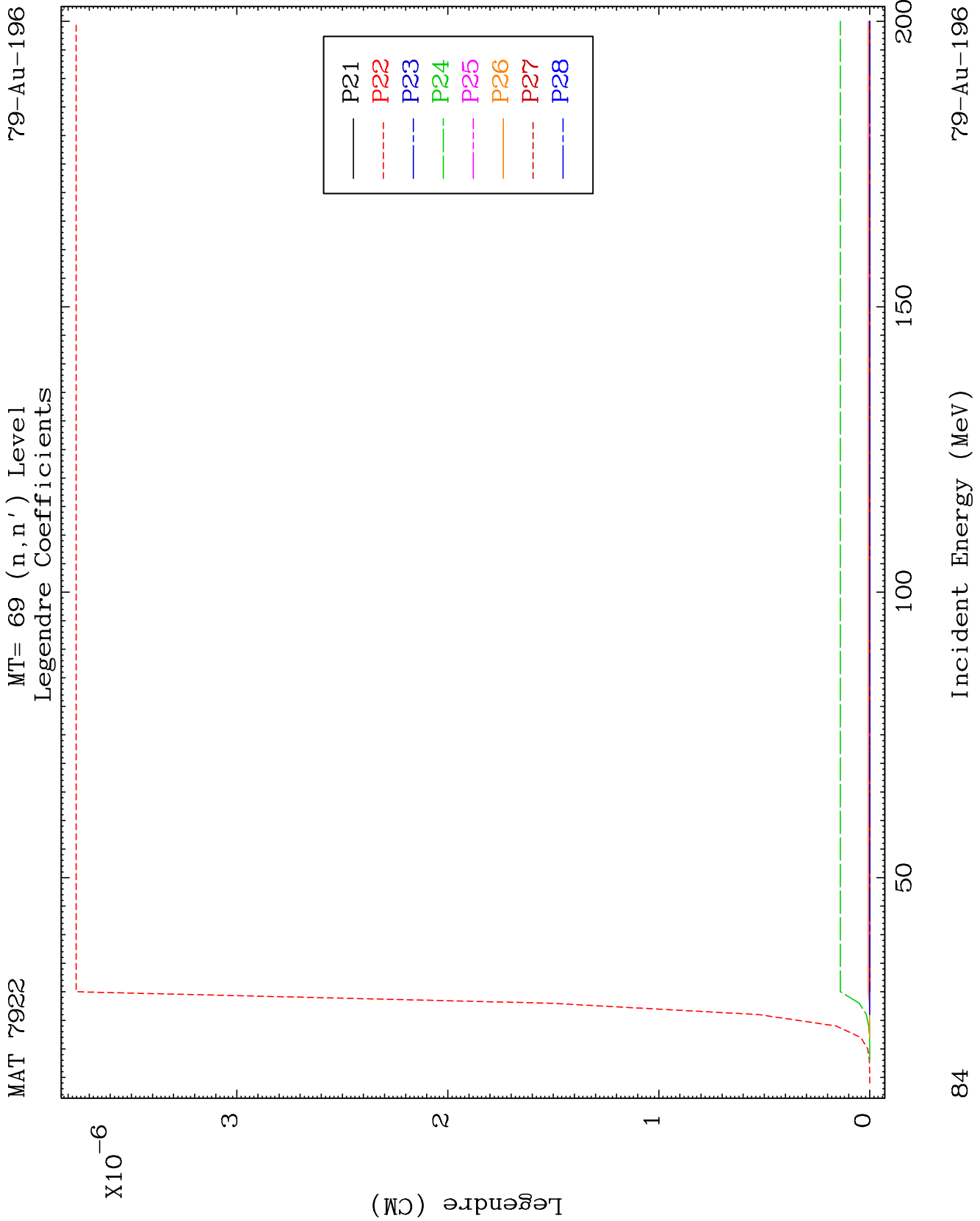


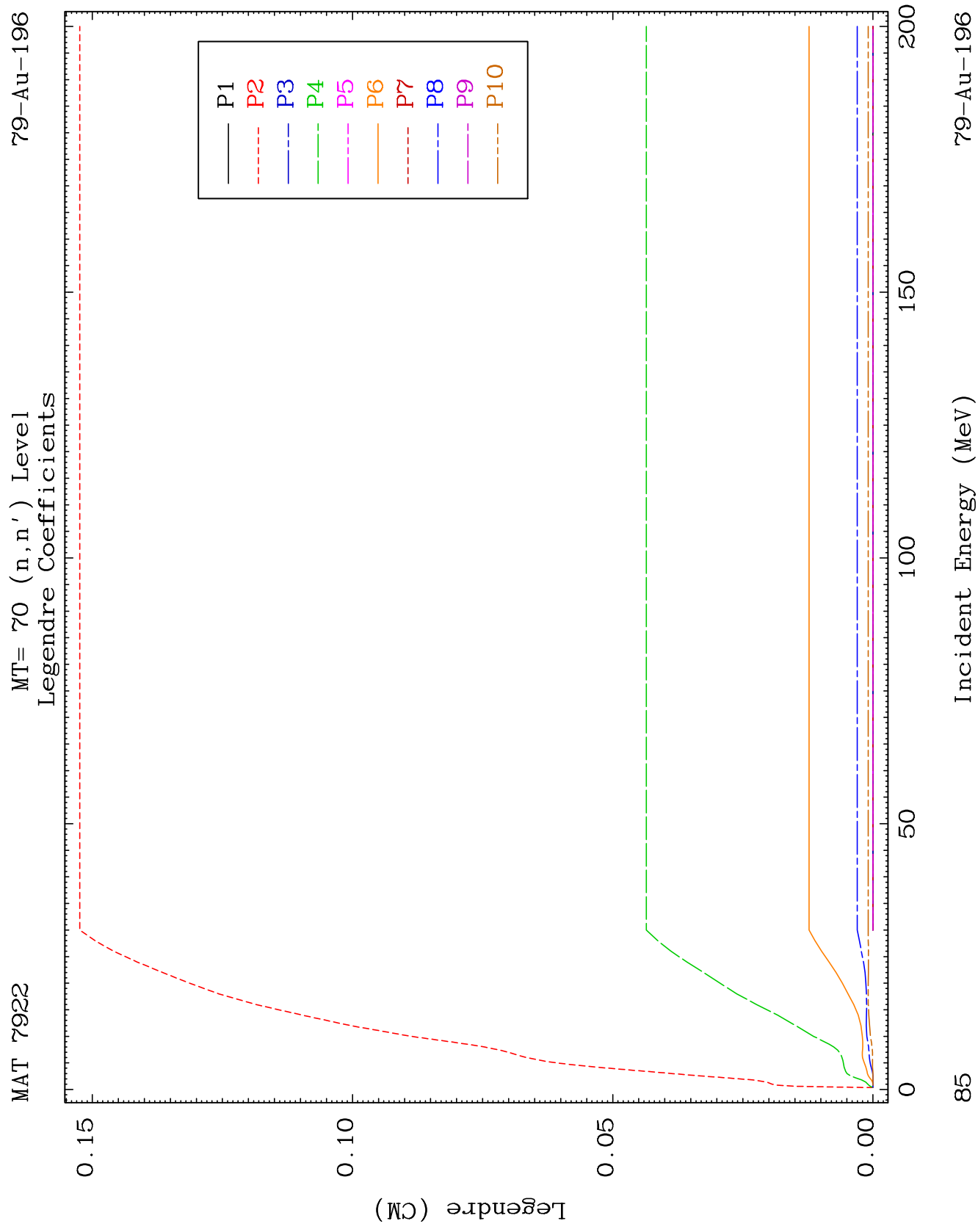


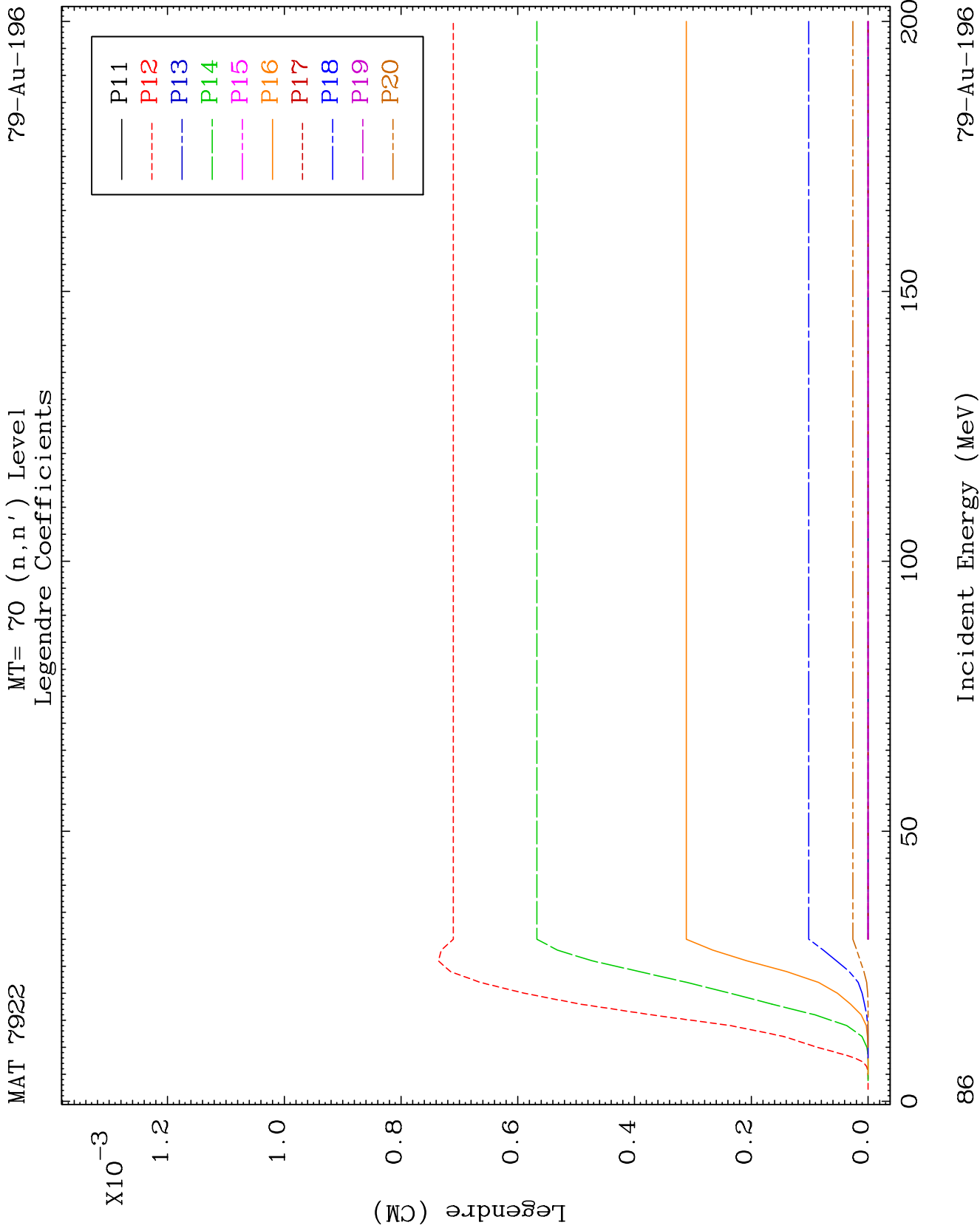


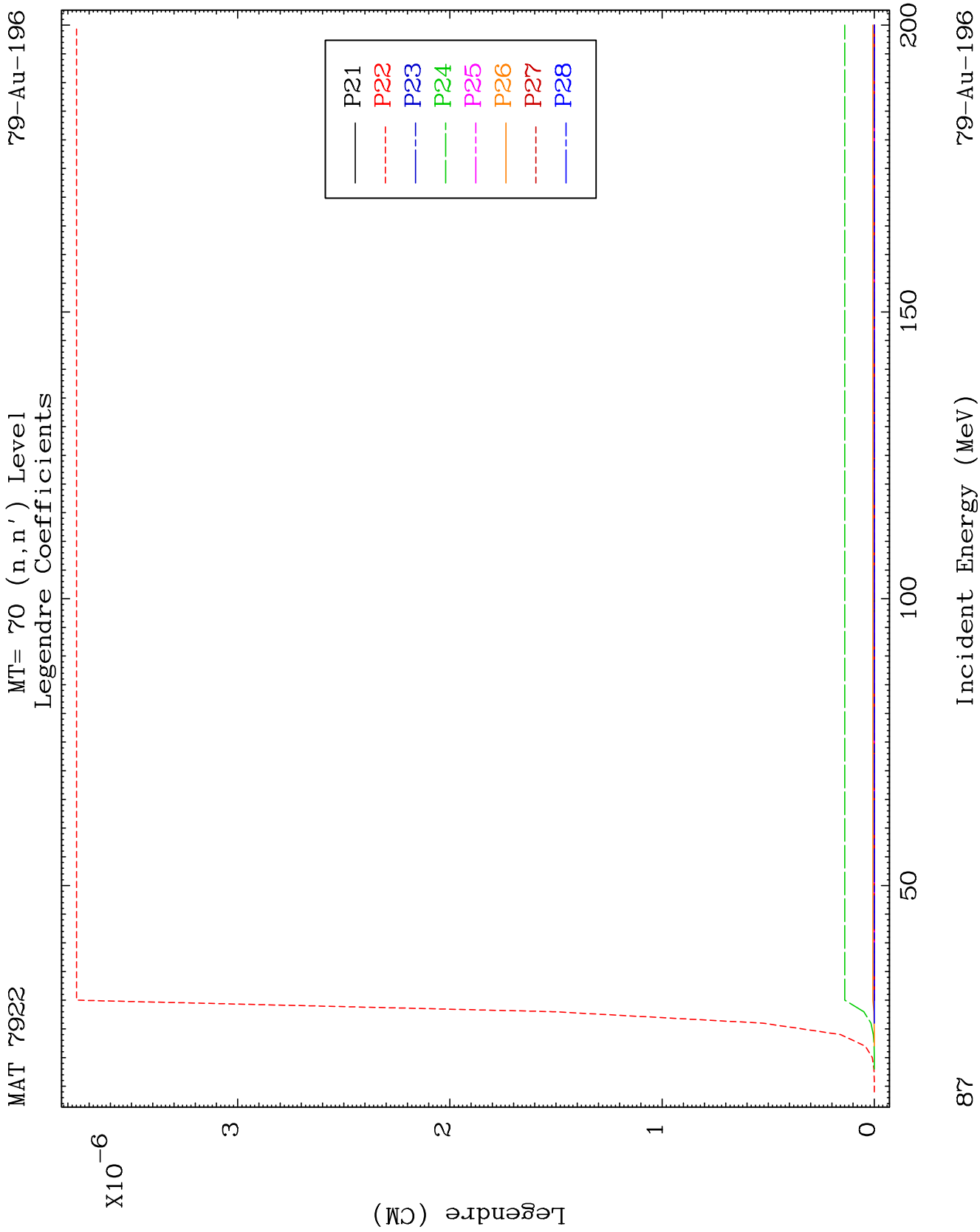








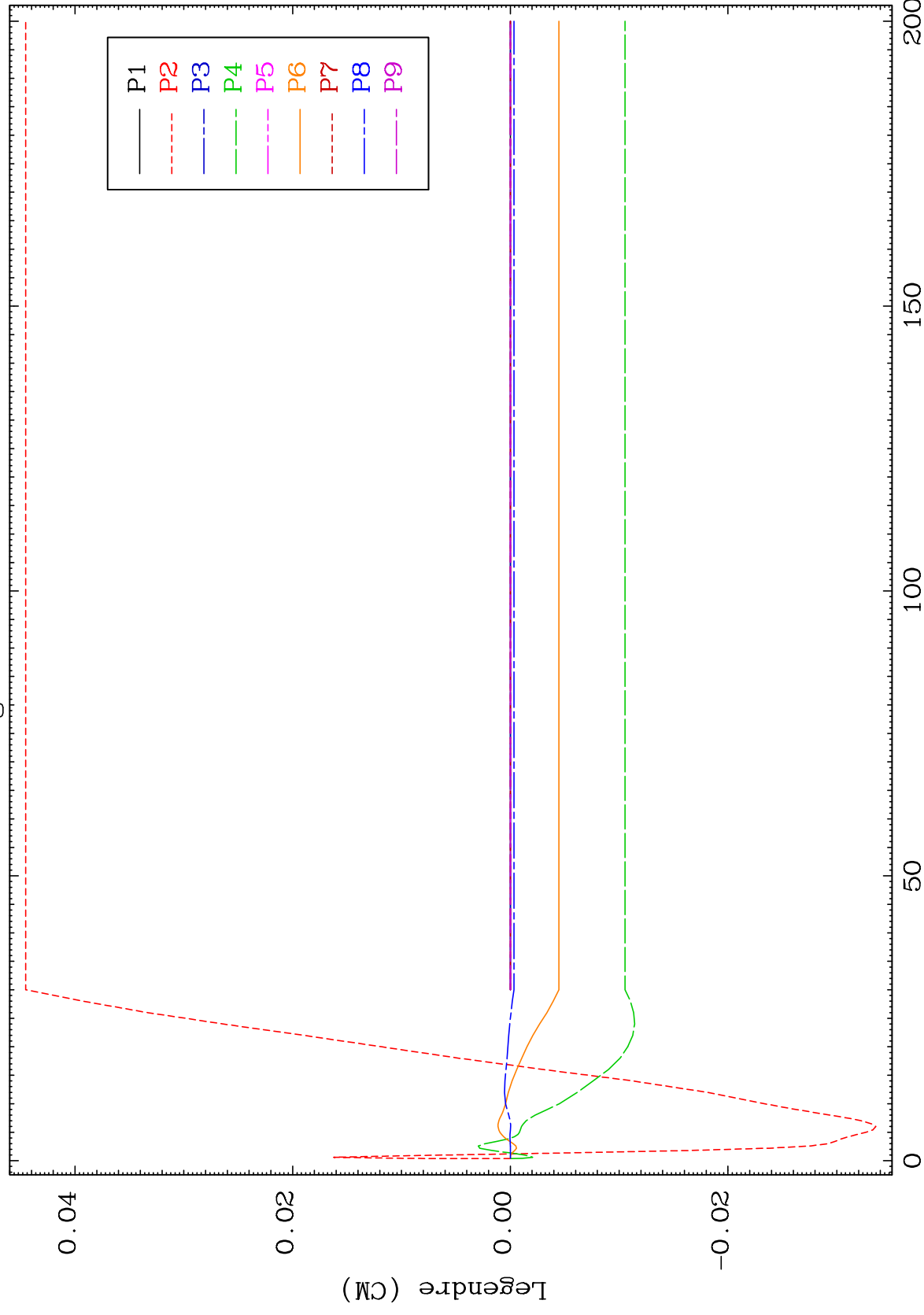




MAT 7922

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

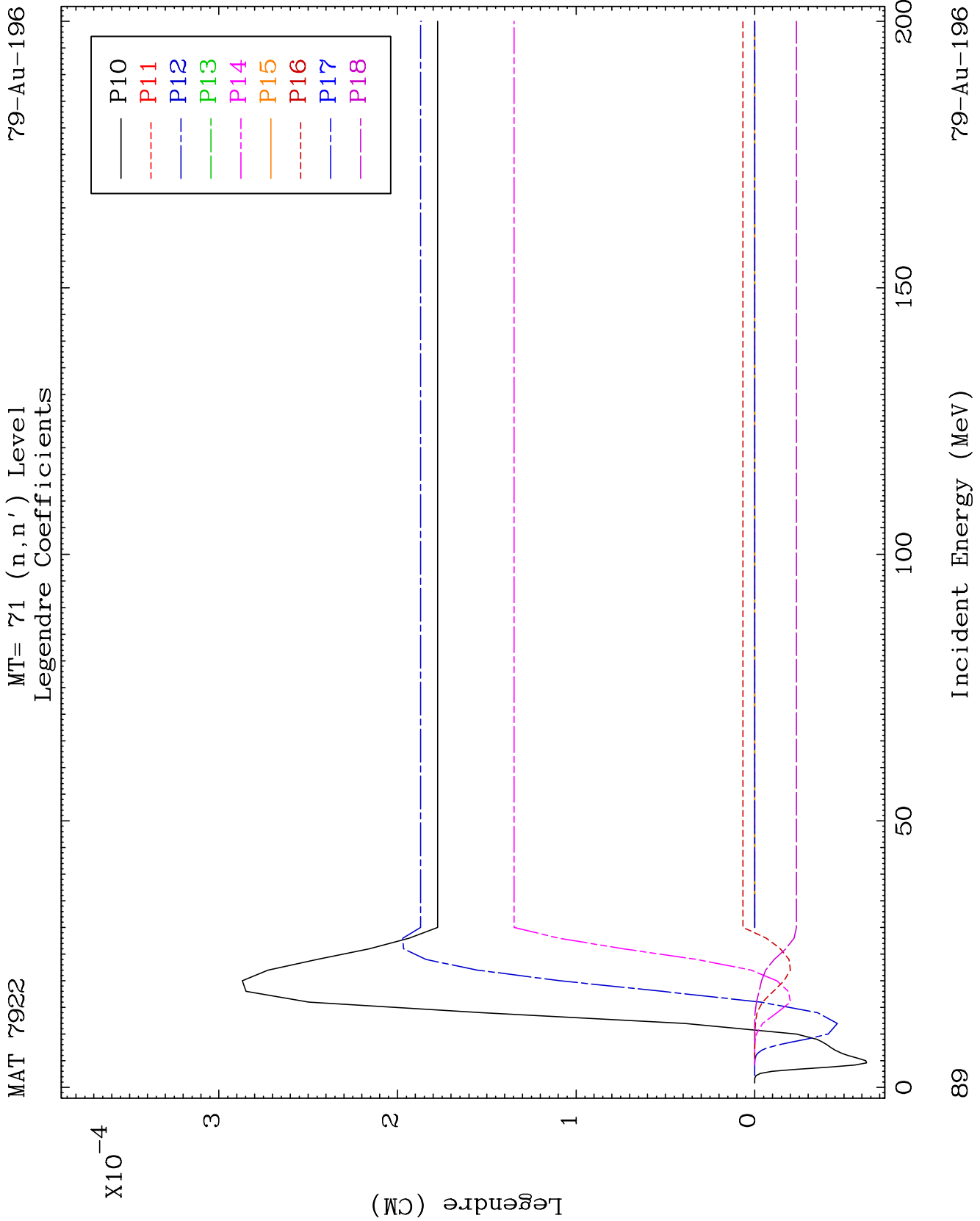
79-Au-196

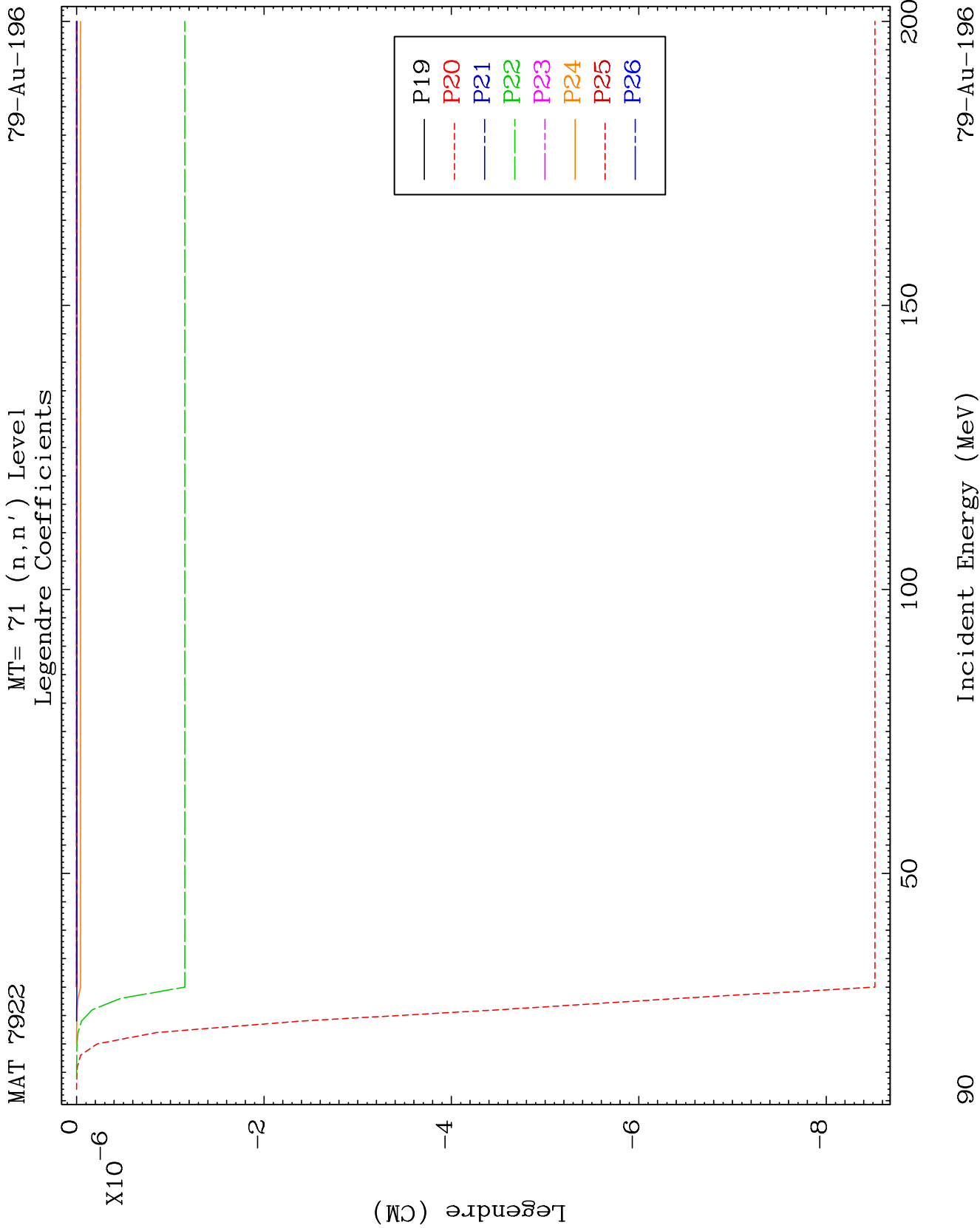


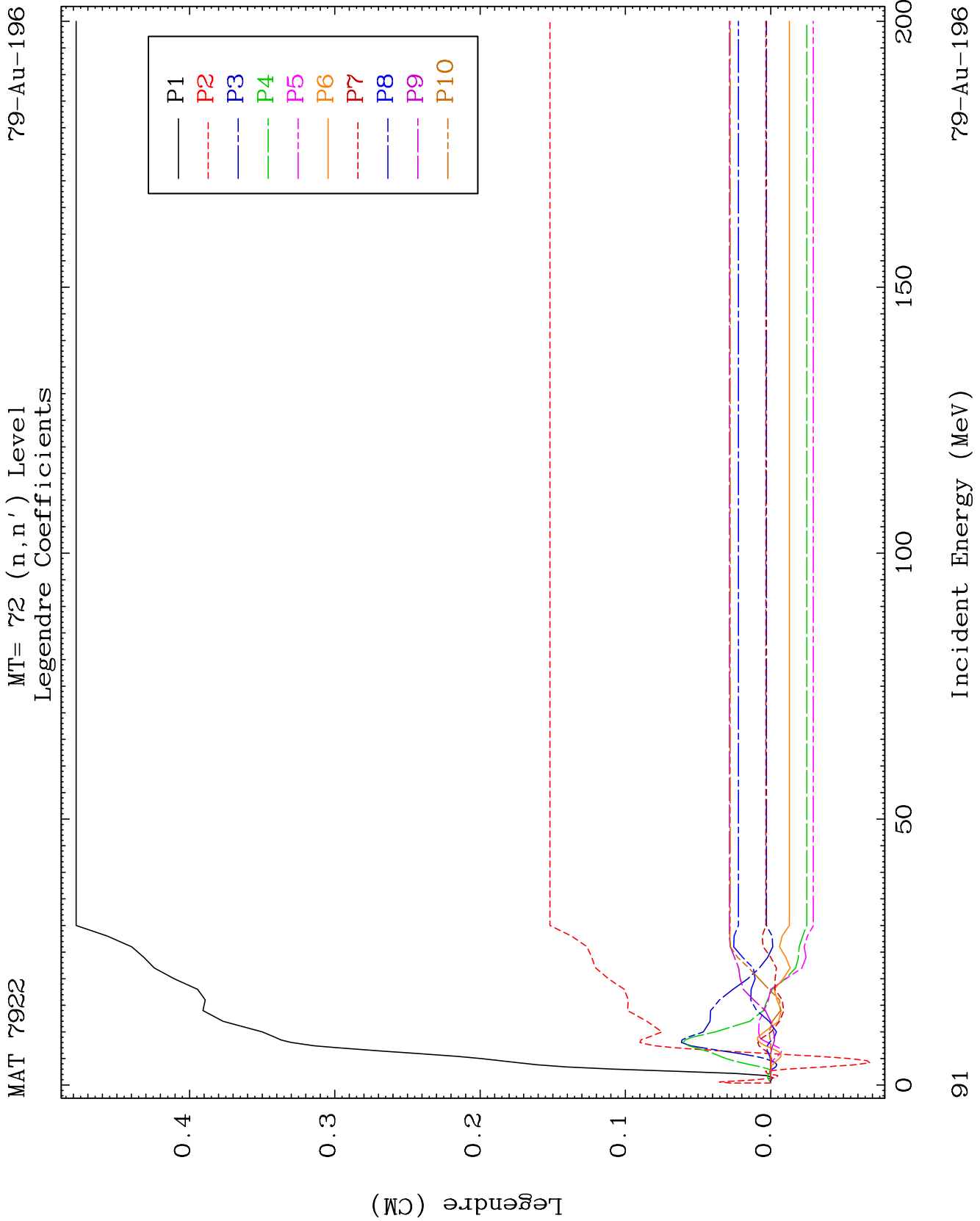
88

Incident Energy (MeV)

79-Au-196



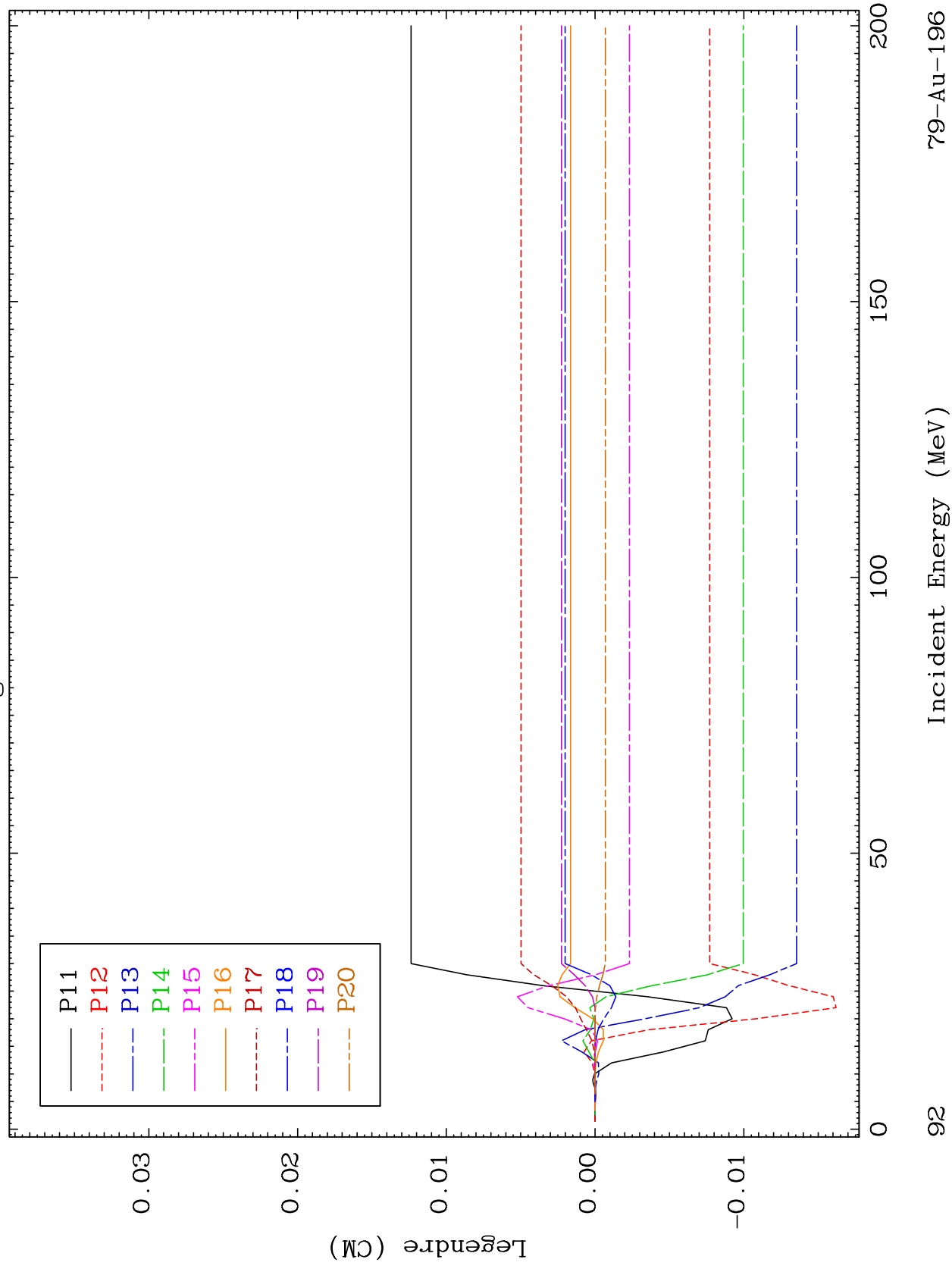


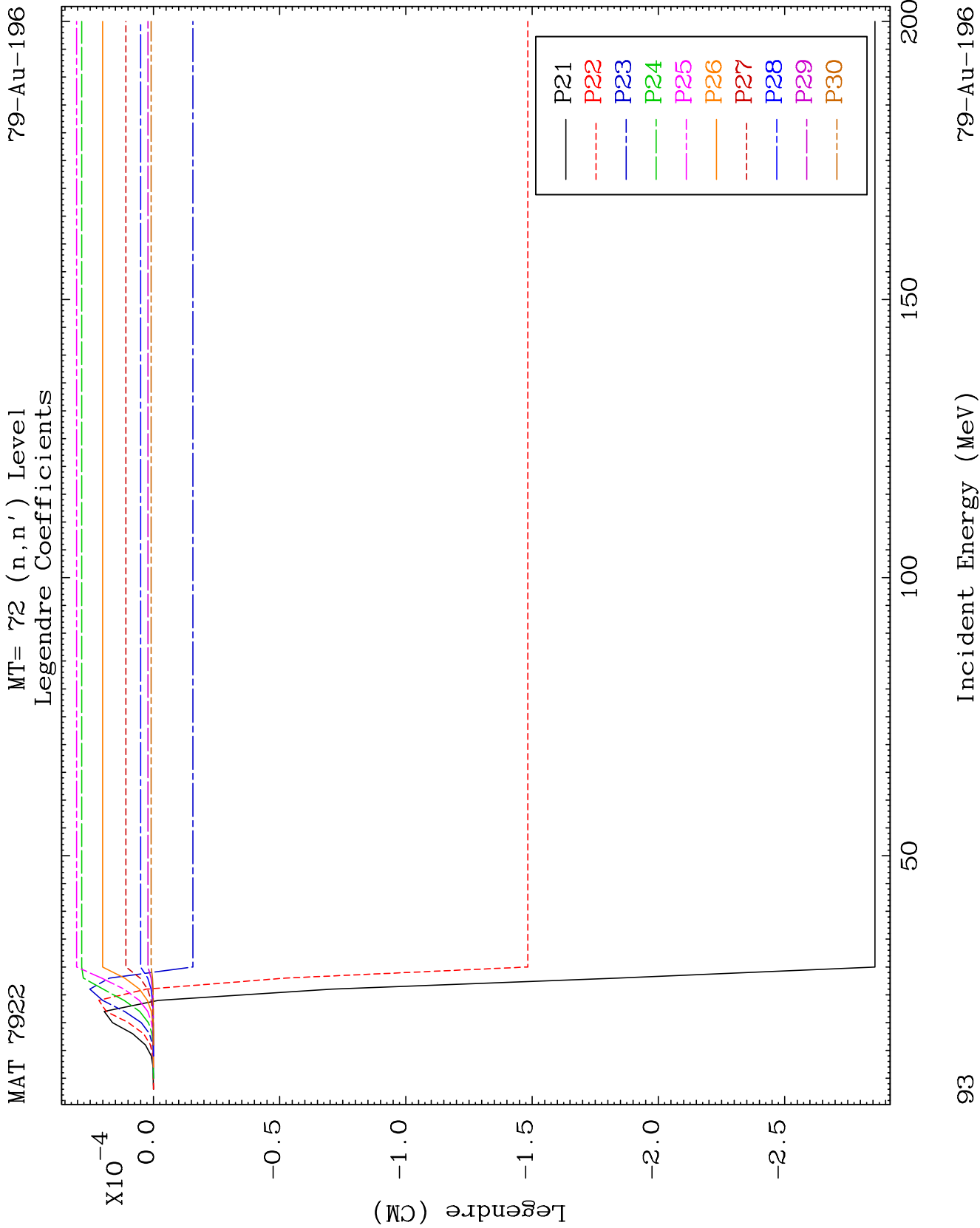


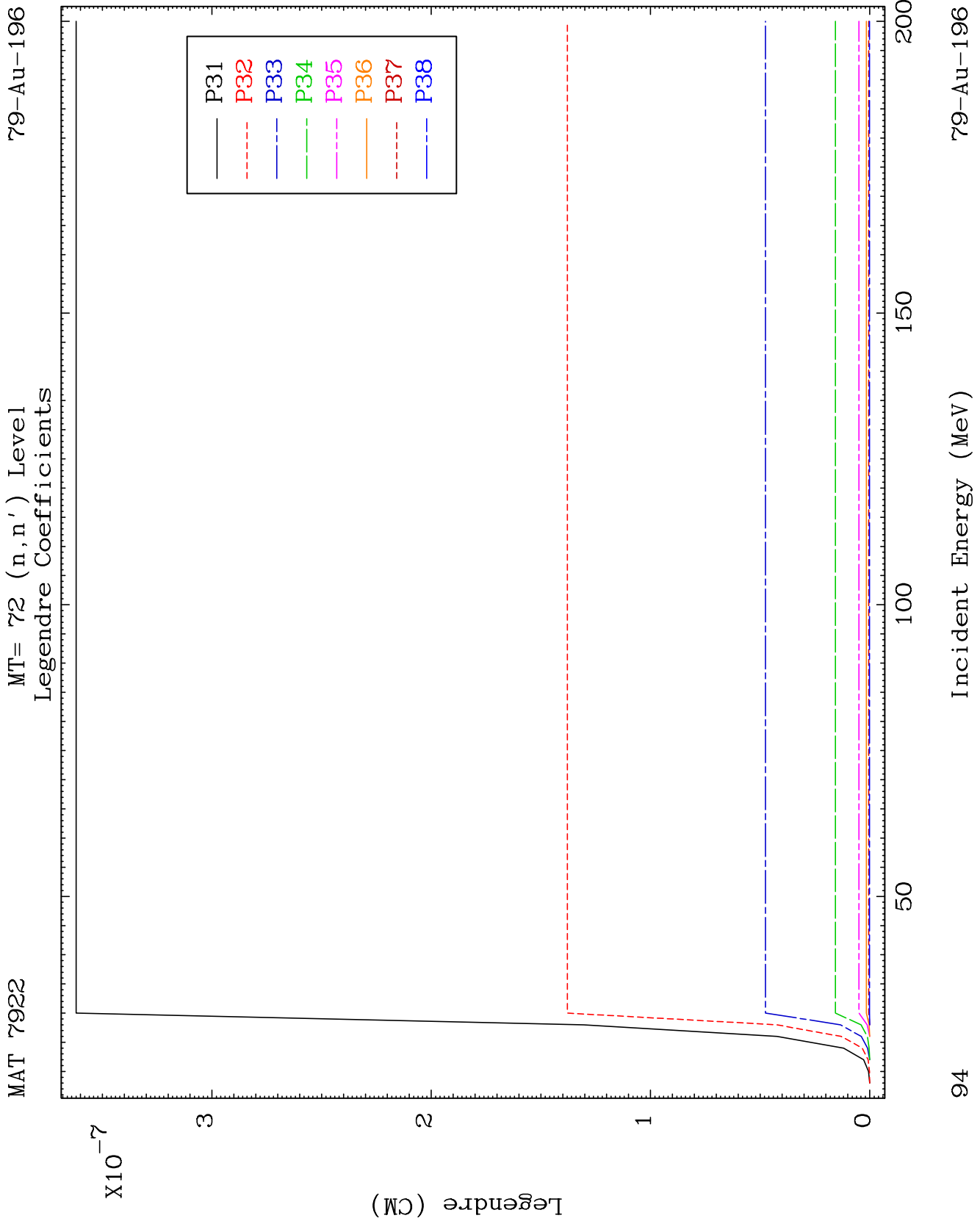
MAT 7922

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

79-Au-196



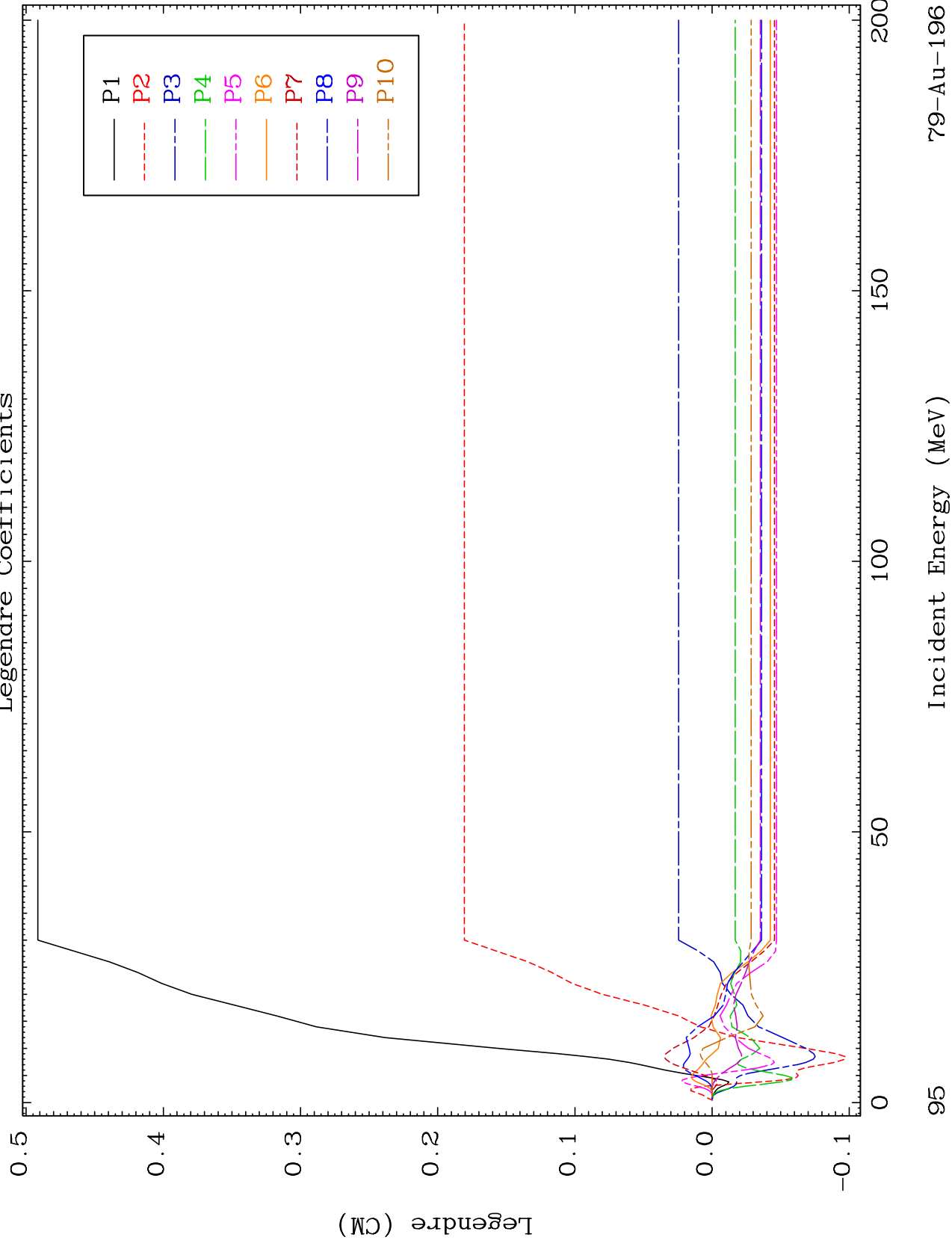




MAT 7922

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

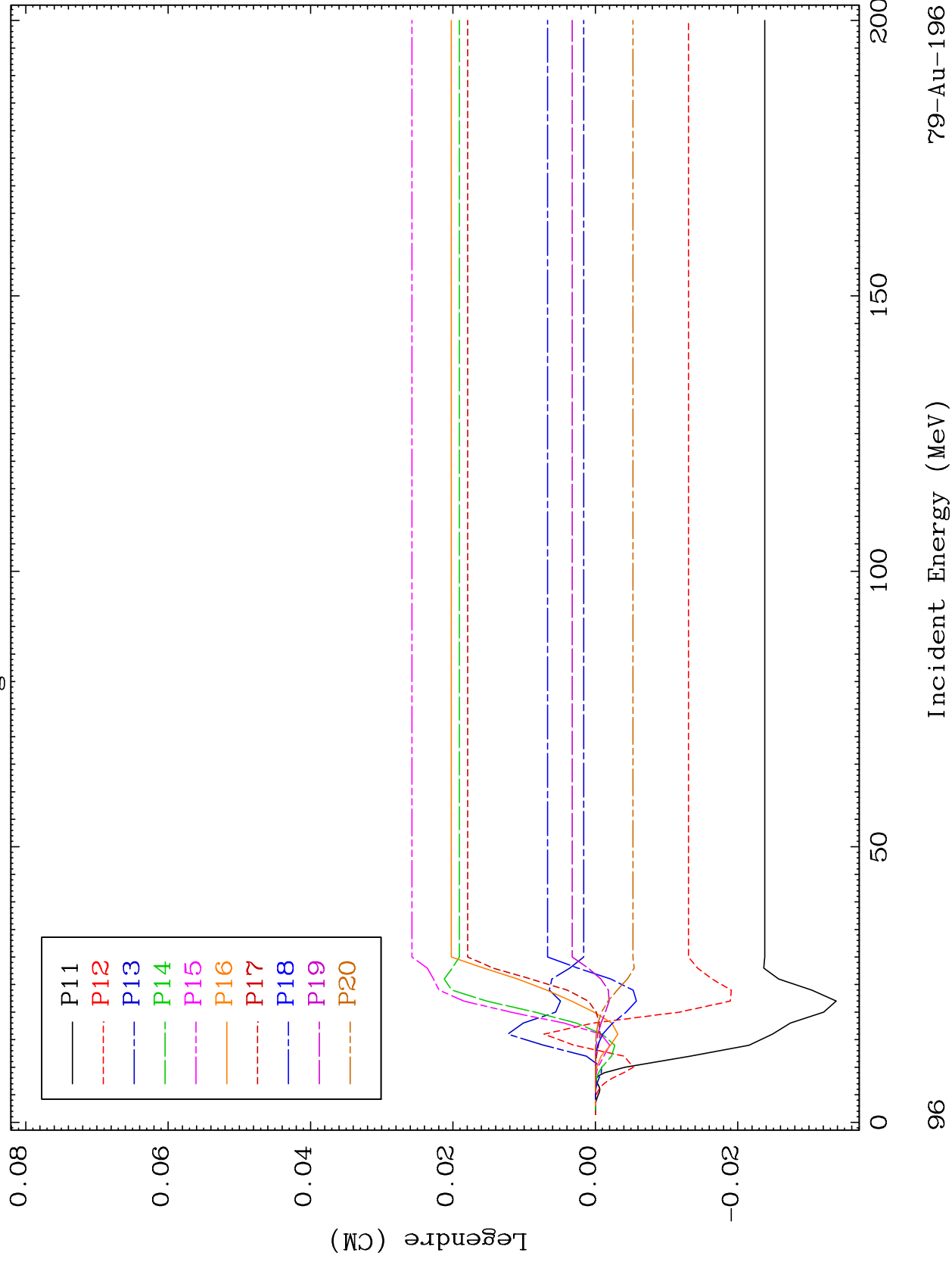
79-Au-196

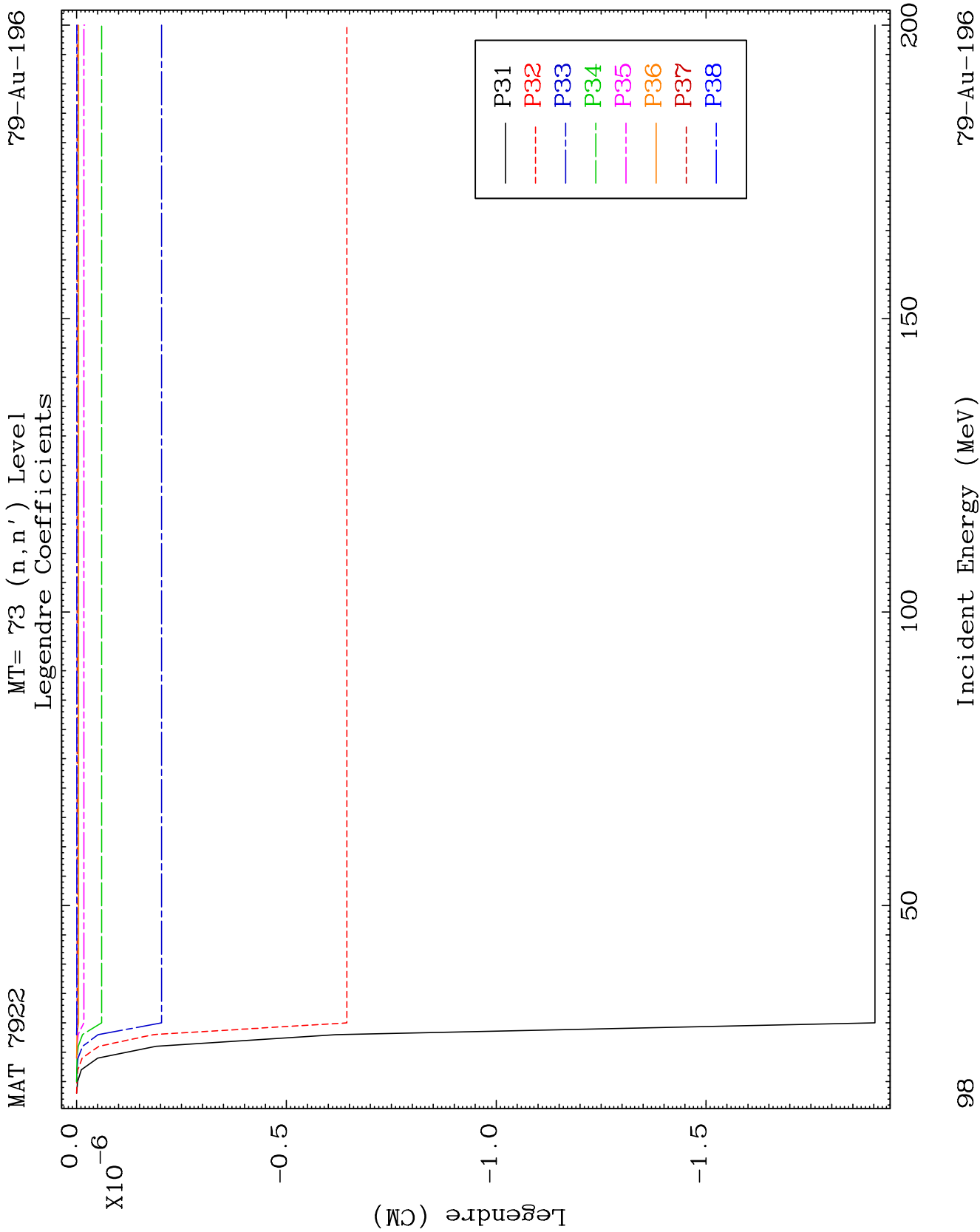


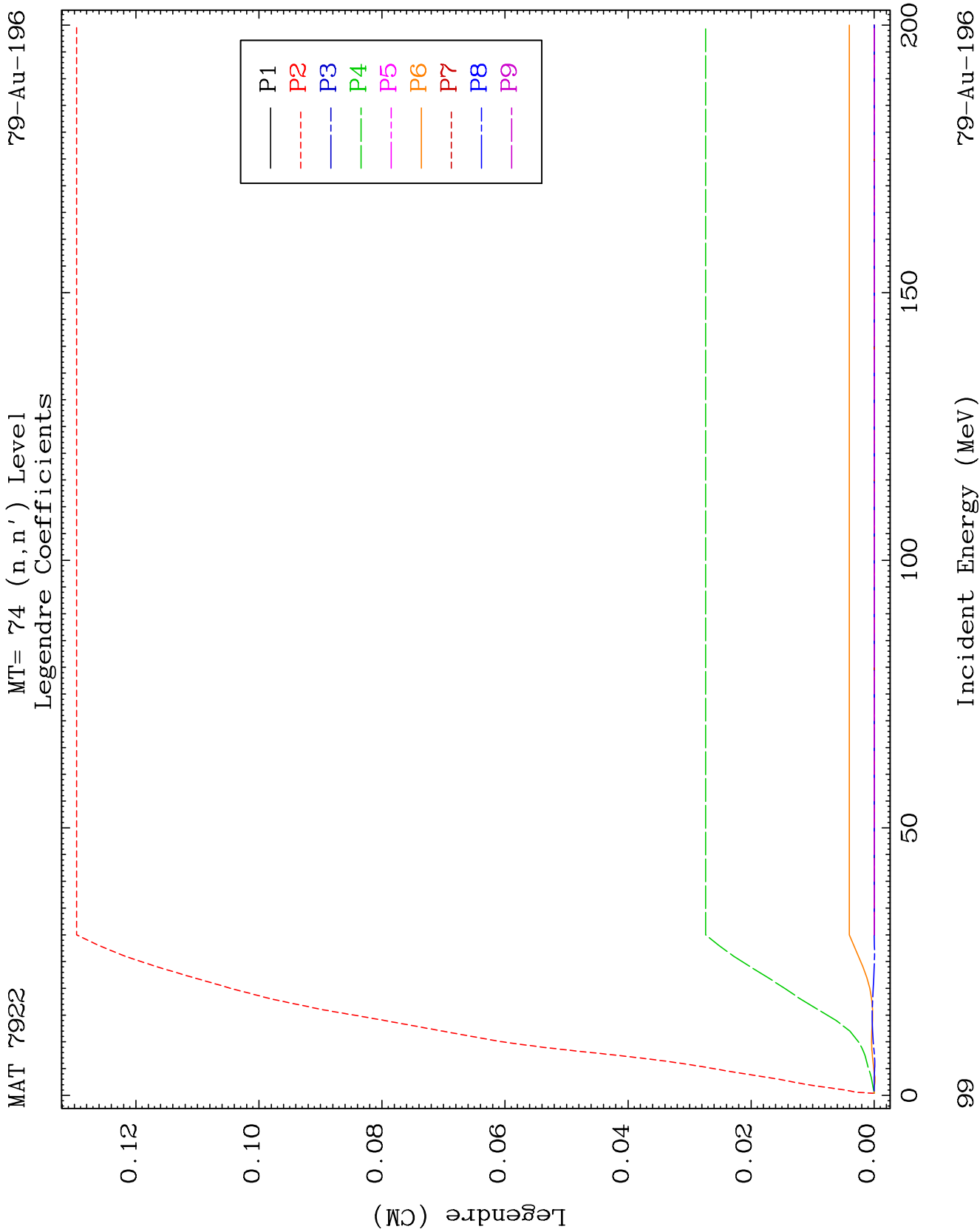
MAT 7922

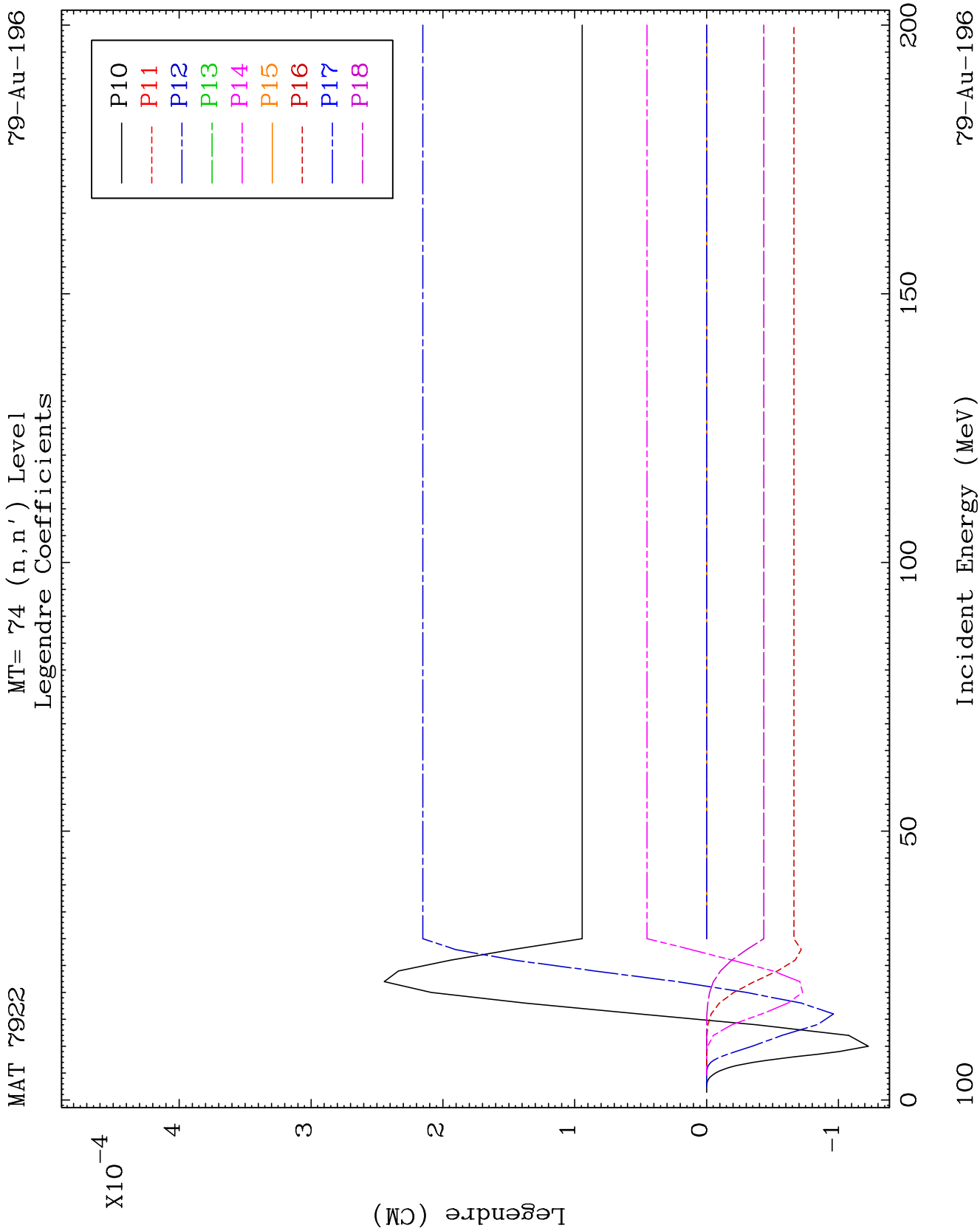
MT= 73 (n, n') Level
Legendre Coefficients

79-Au-196





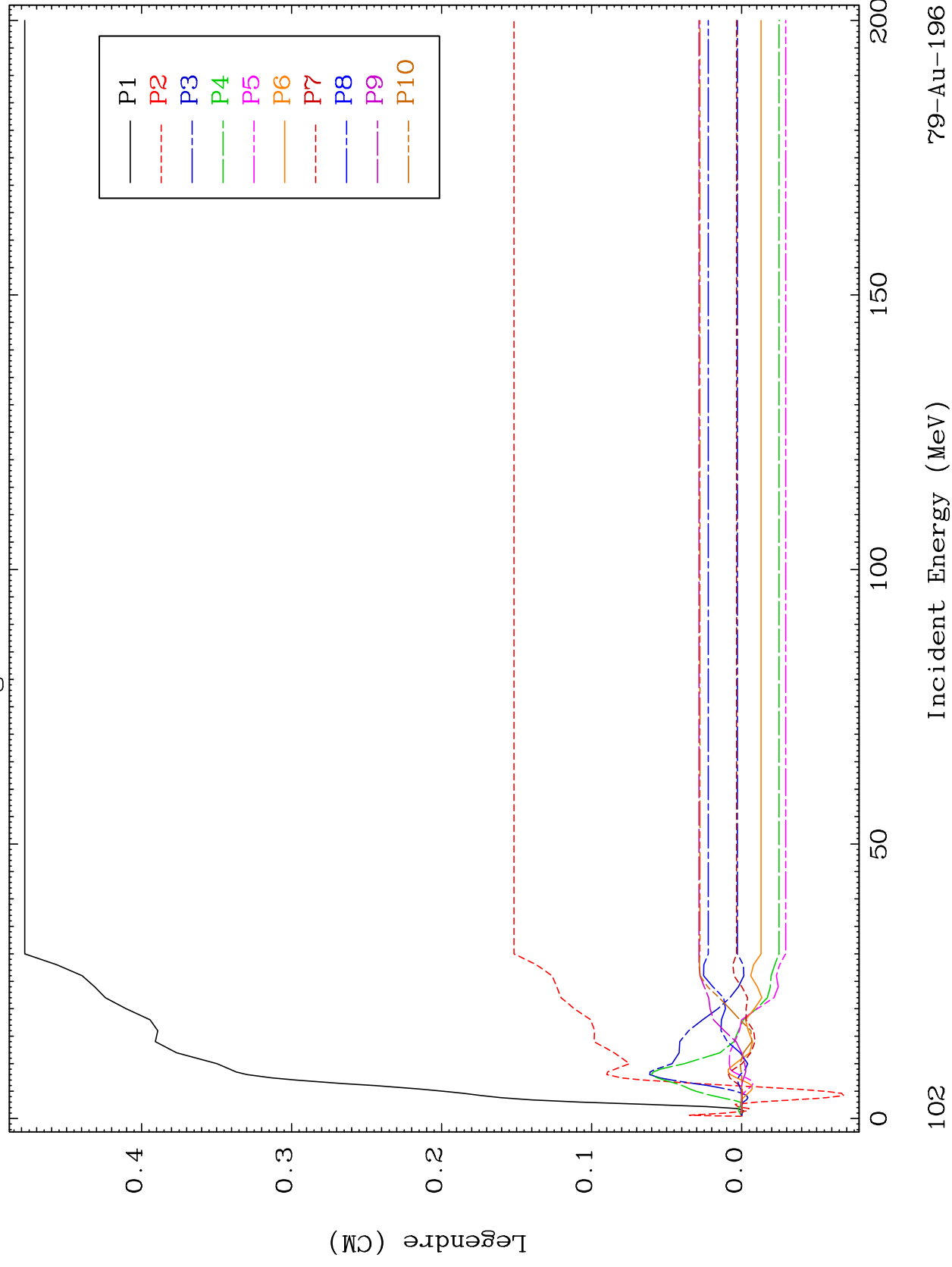


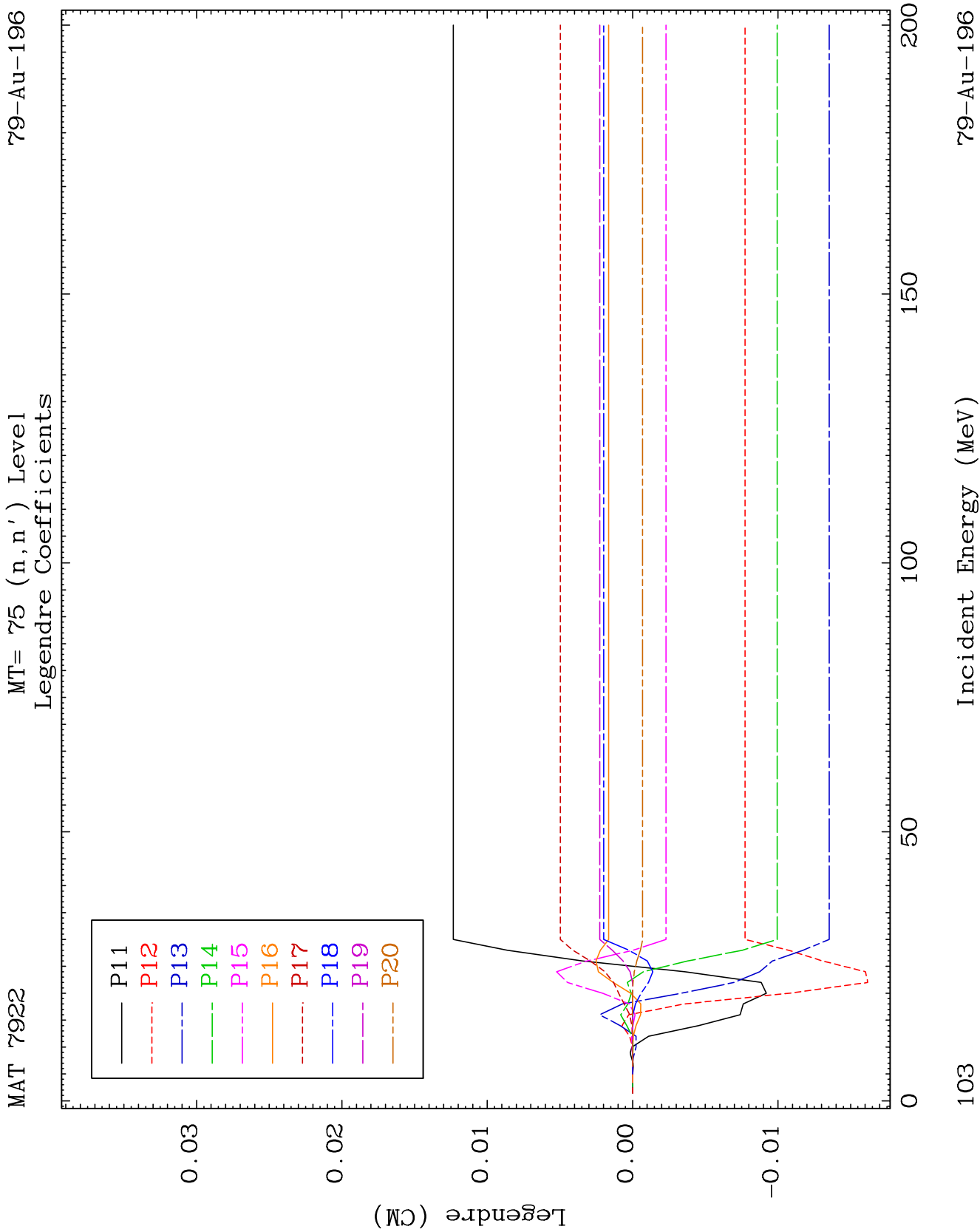


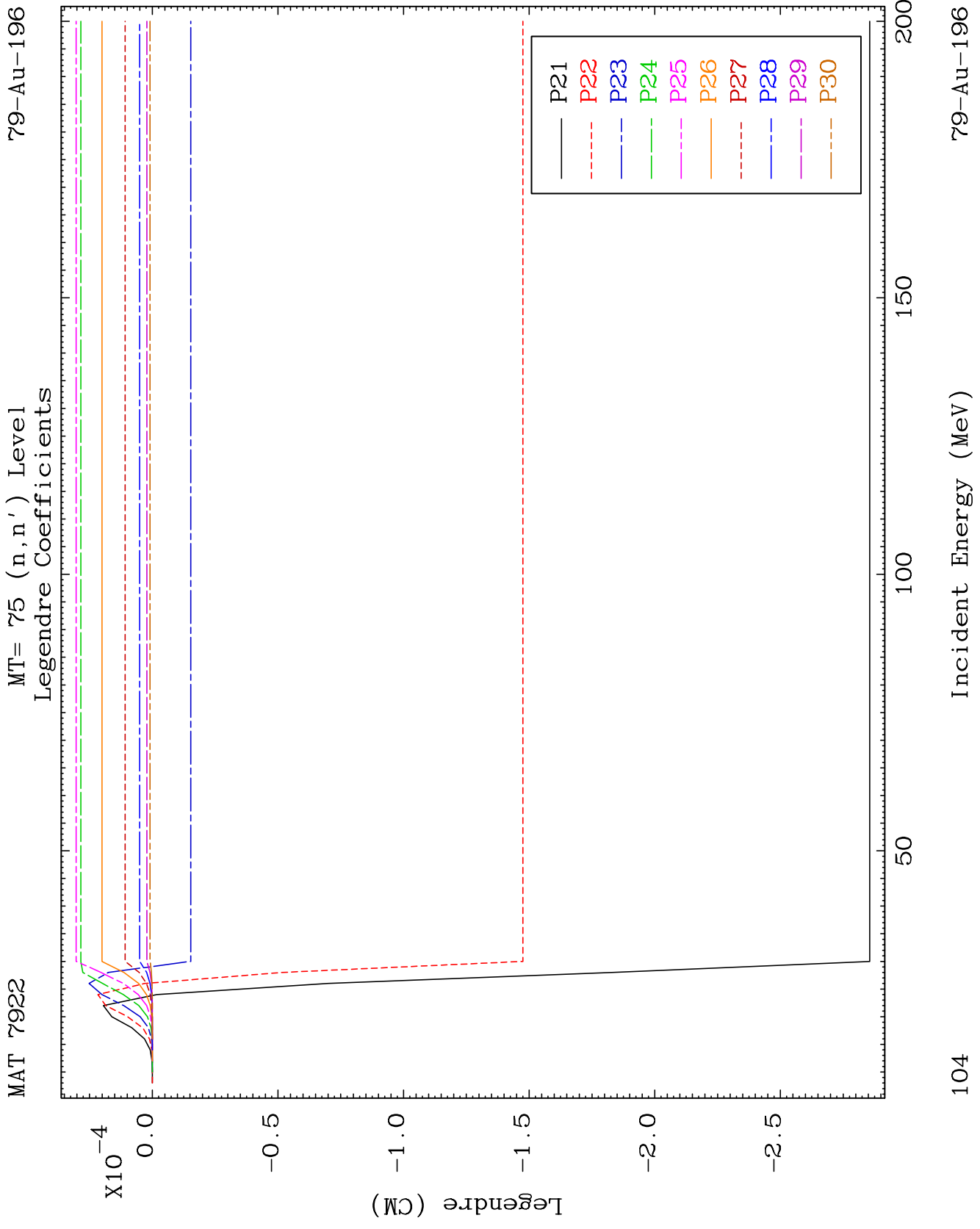
MAT 7922

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

79-Au-196



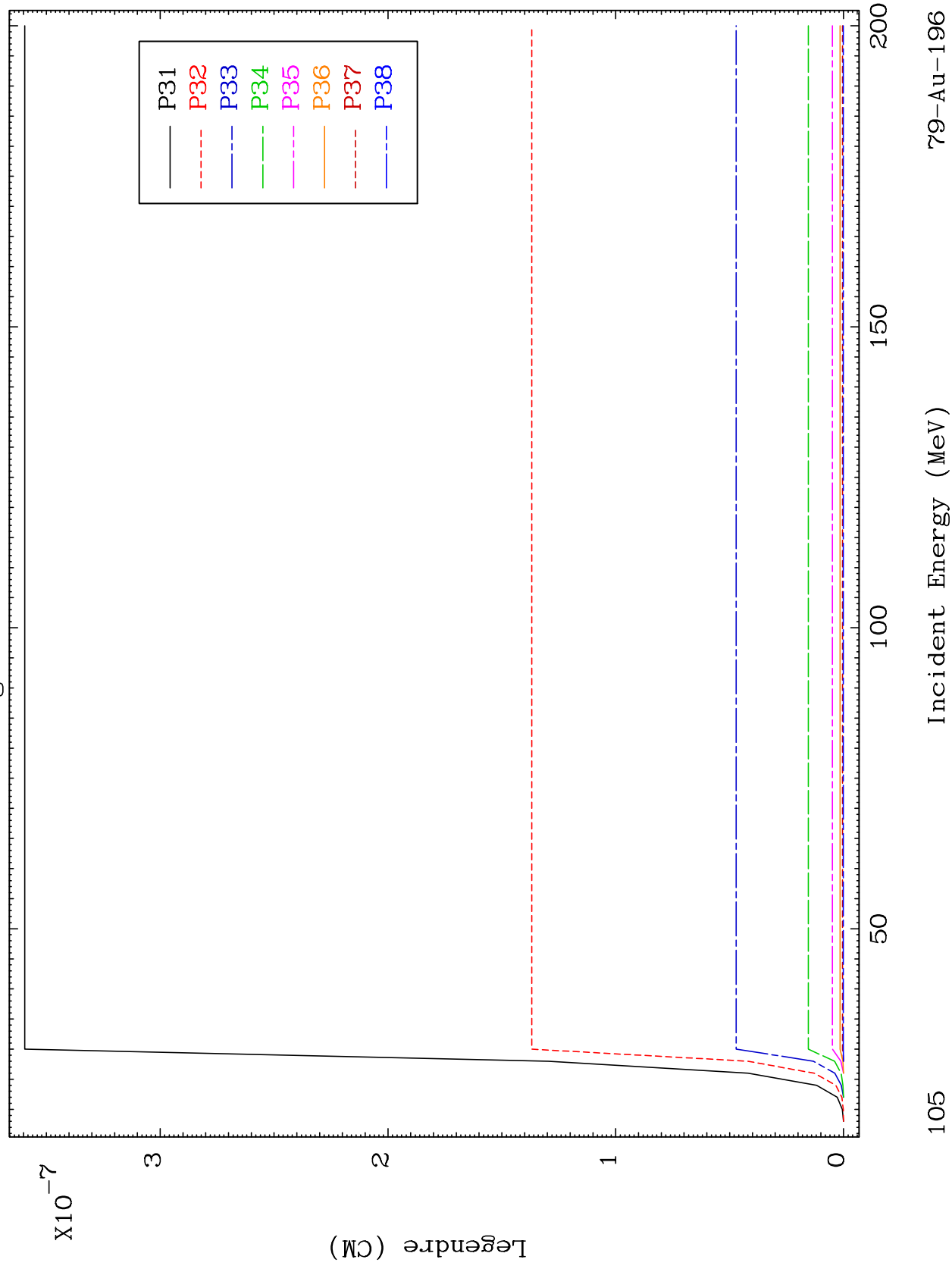


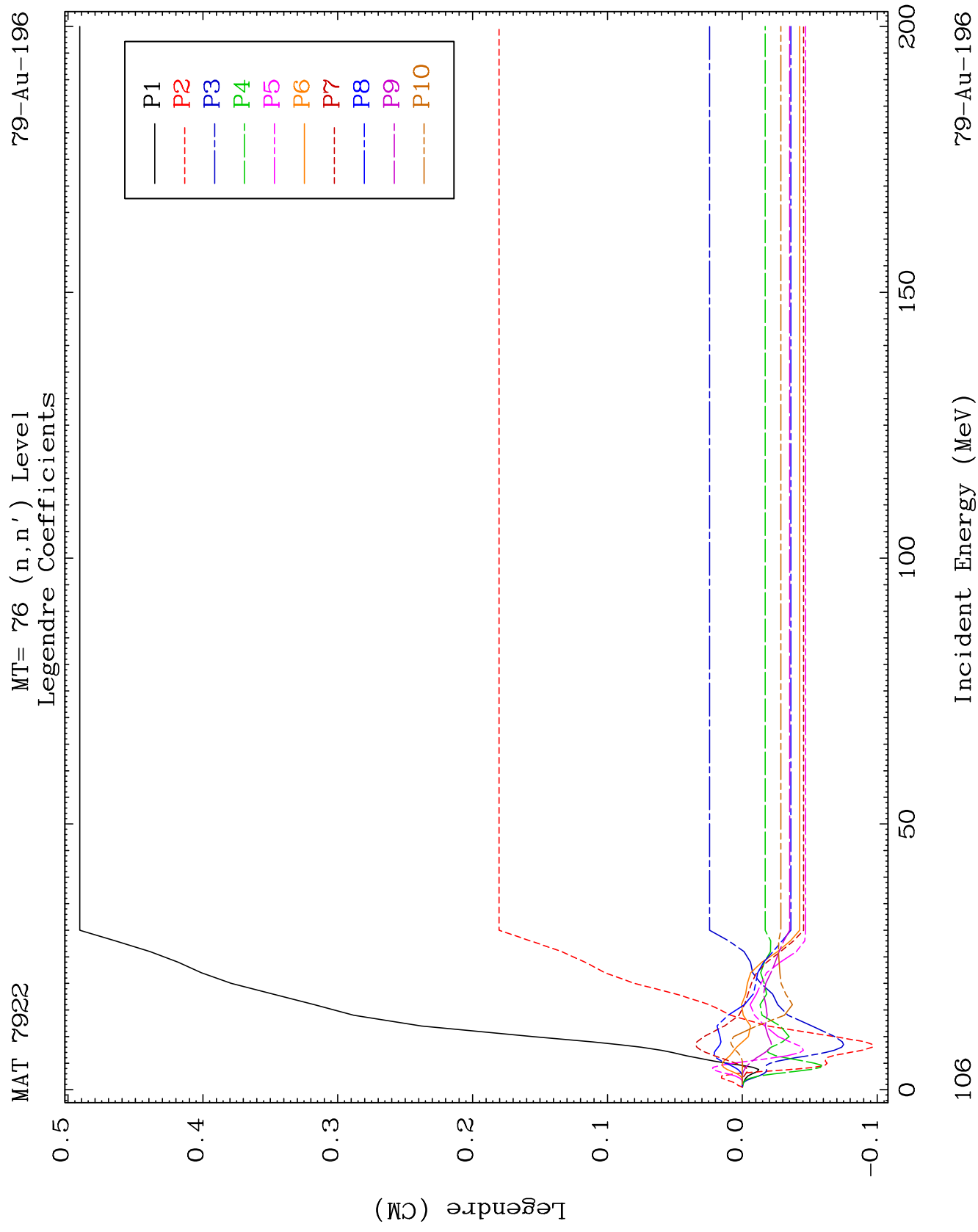


MAT 7922

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

79-Au-196

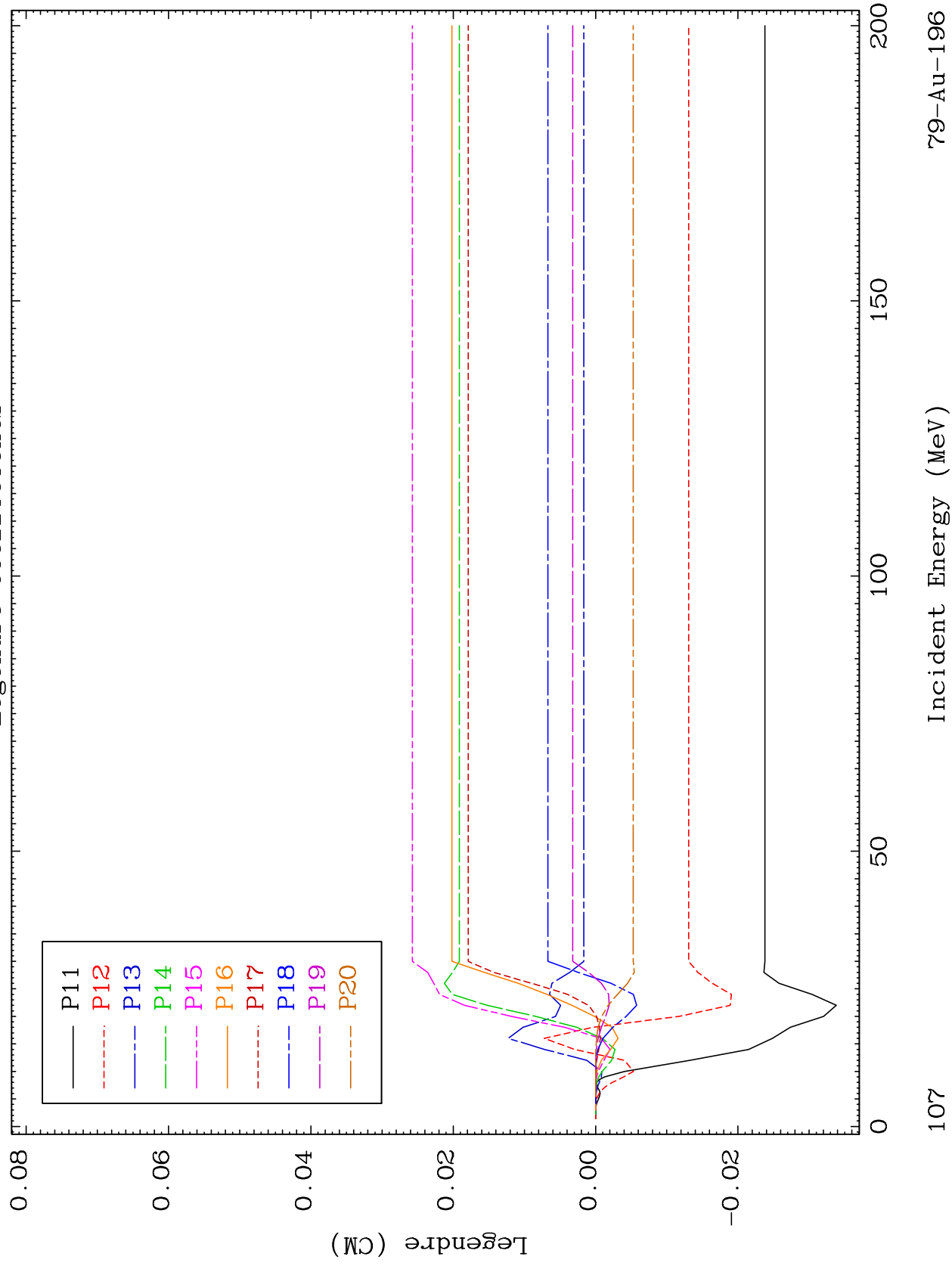


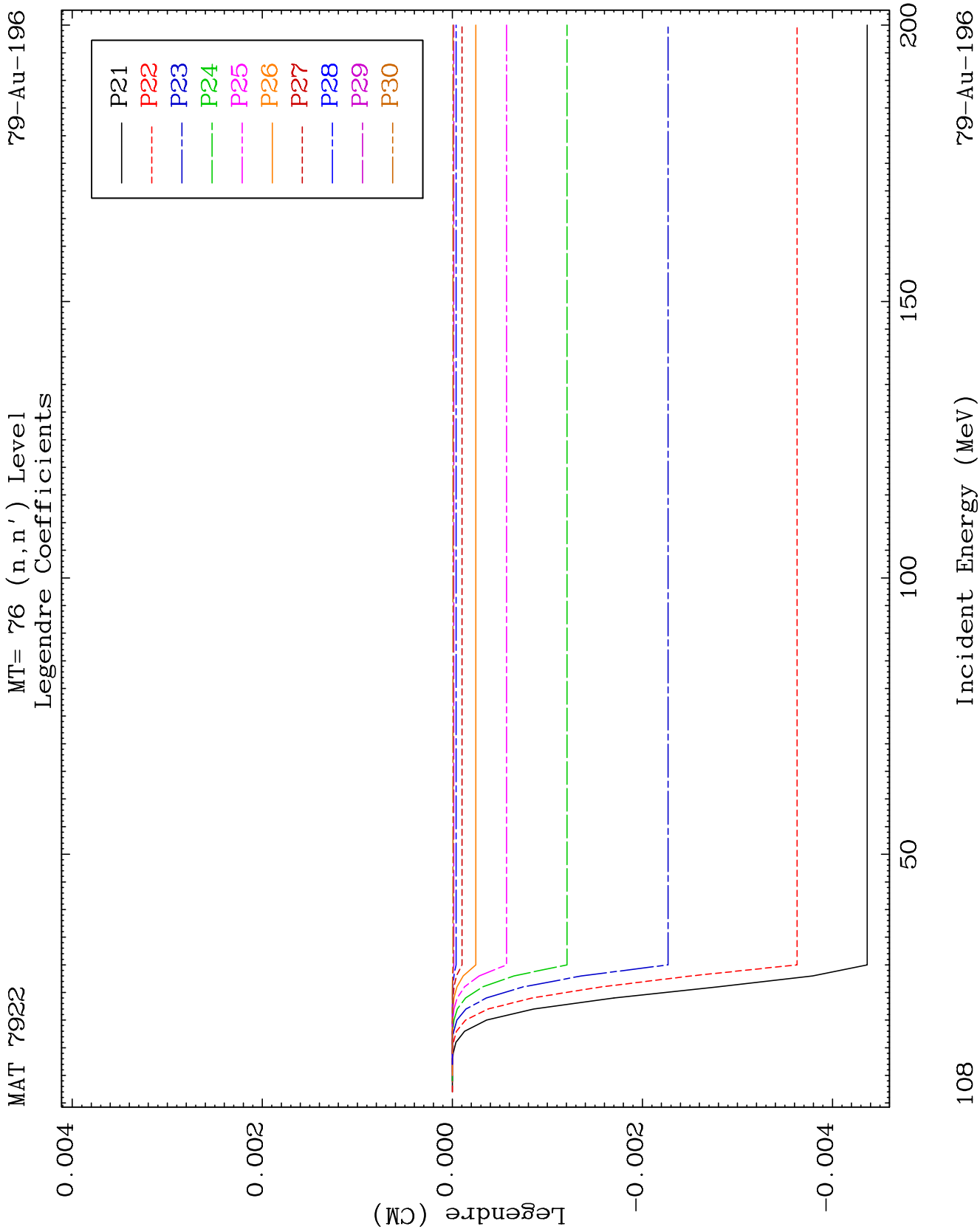


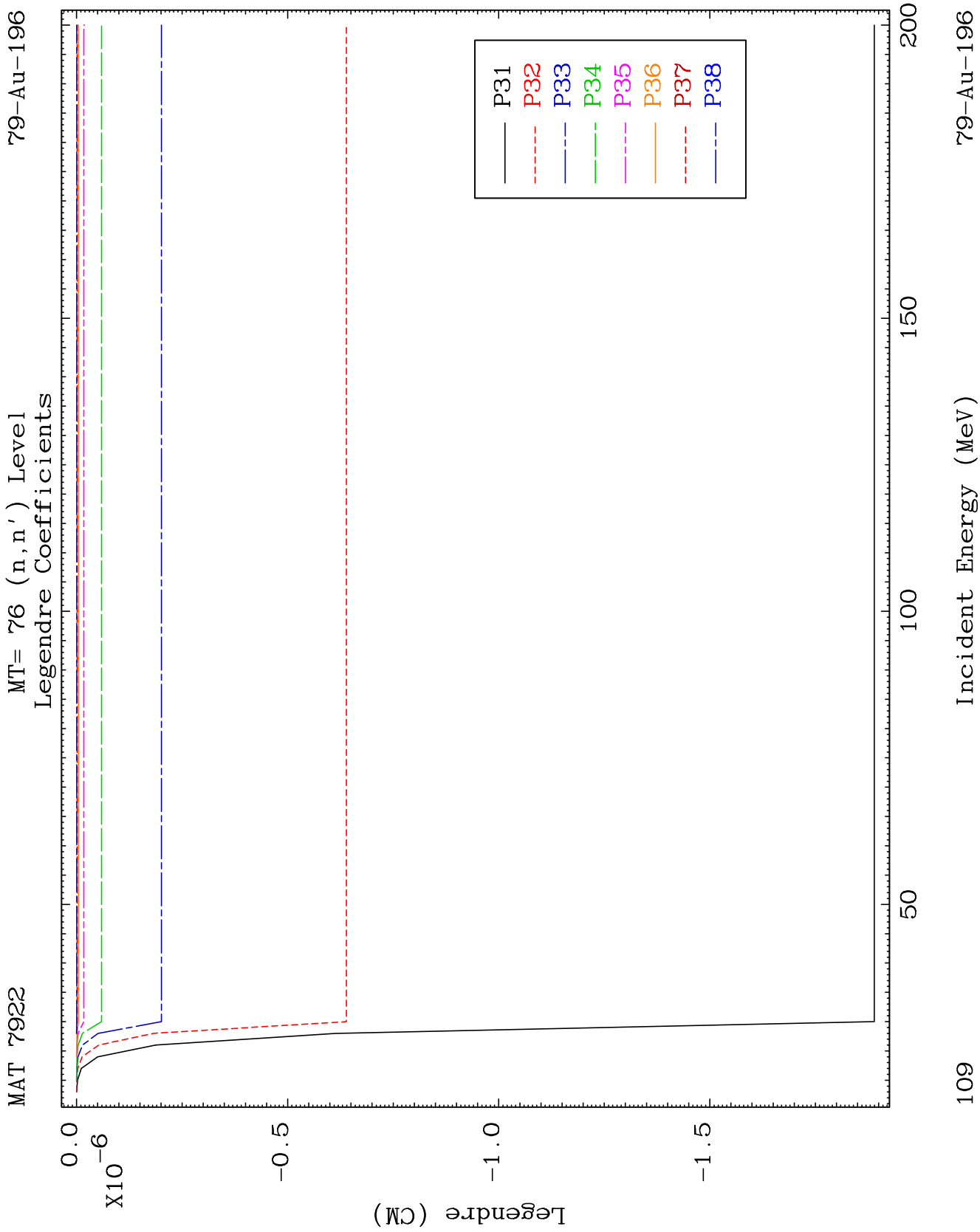
MAT 7922

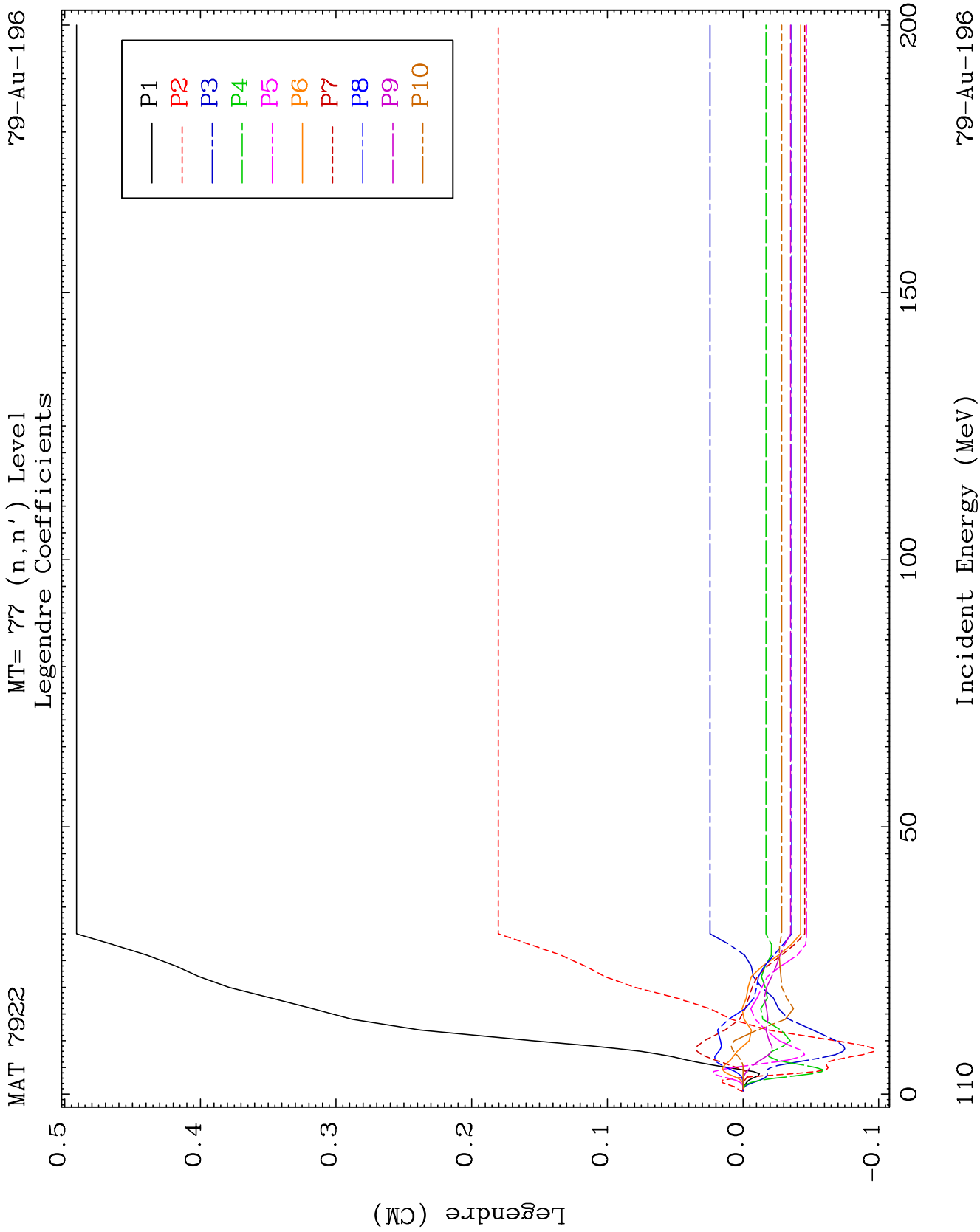
MT= 76 (n, n') Level
Legendre Coefficients

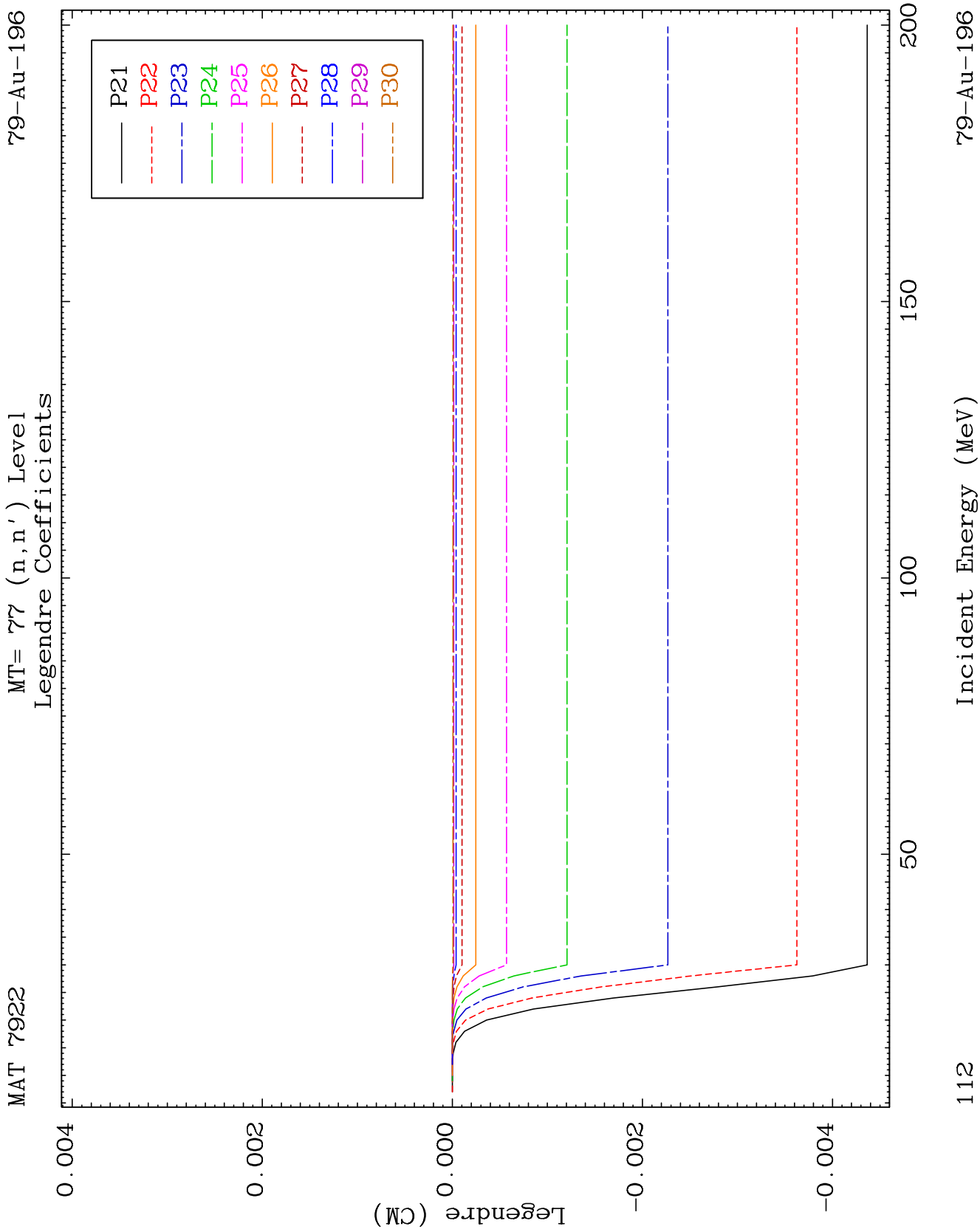
79-Au-196

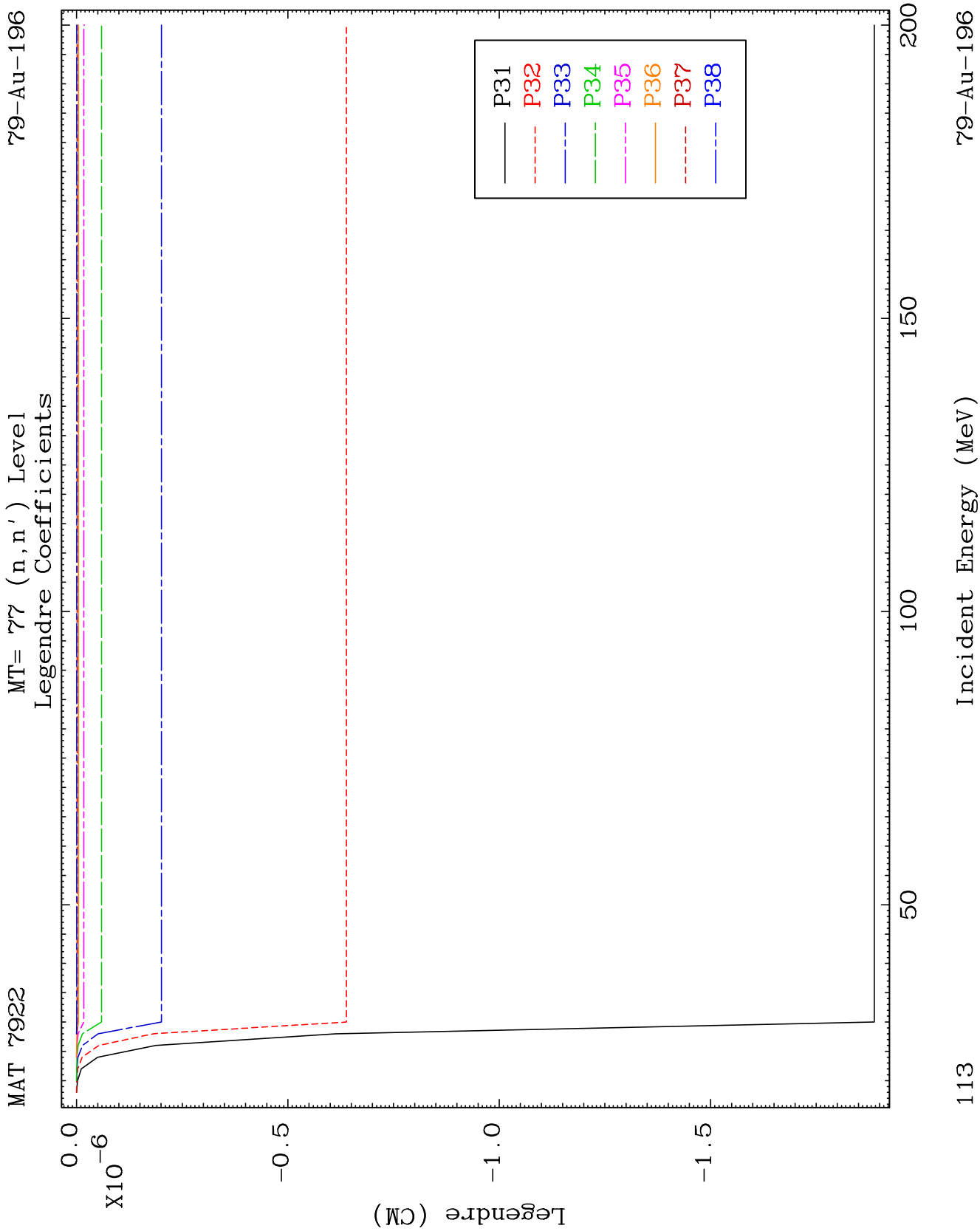


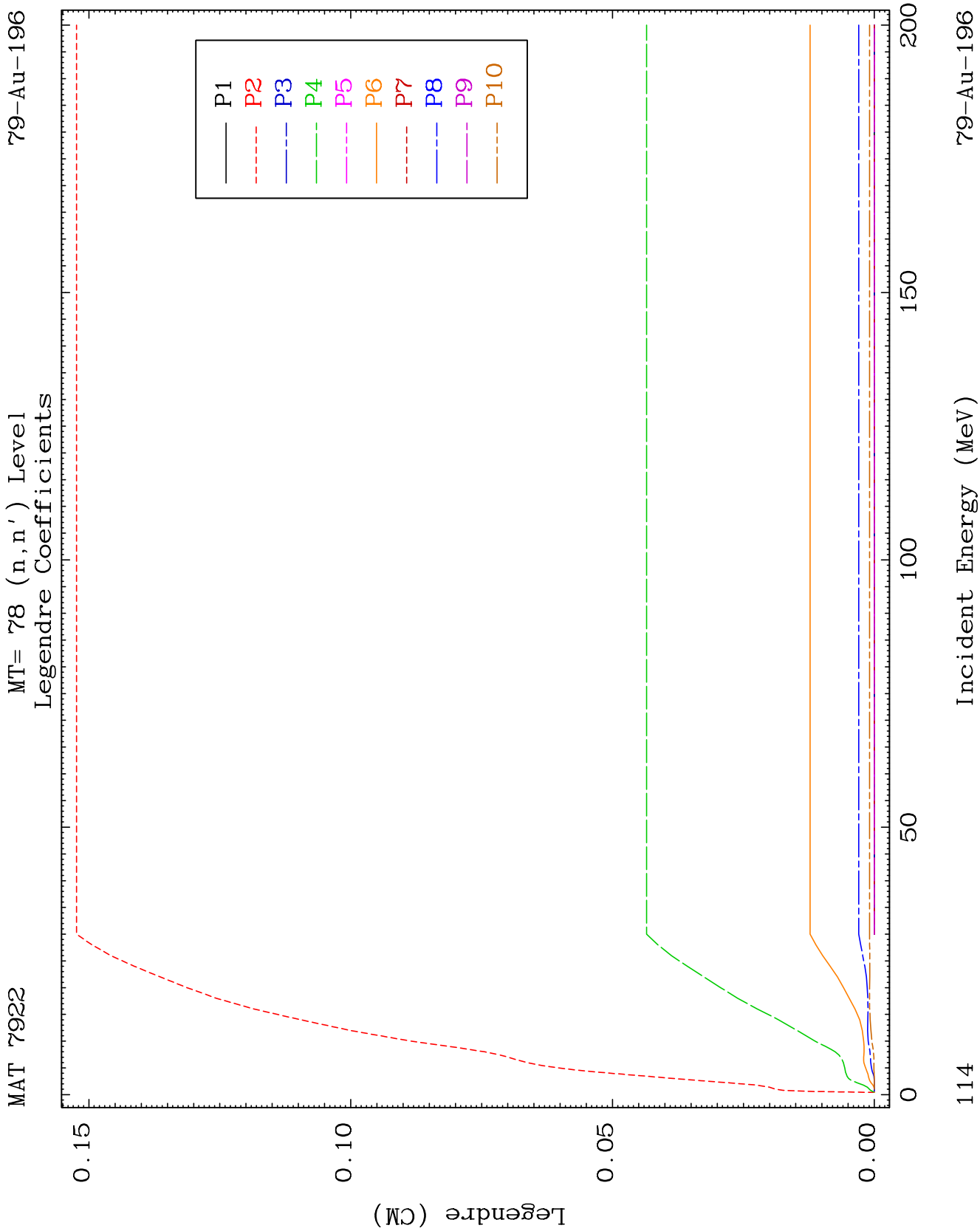


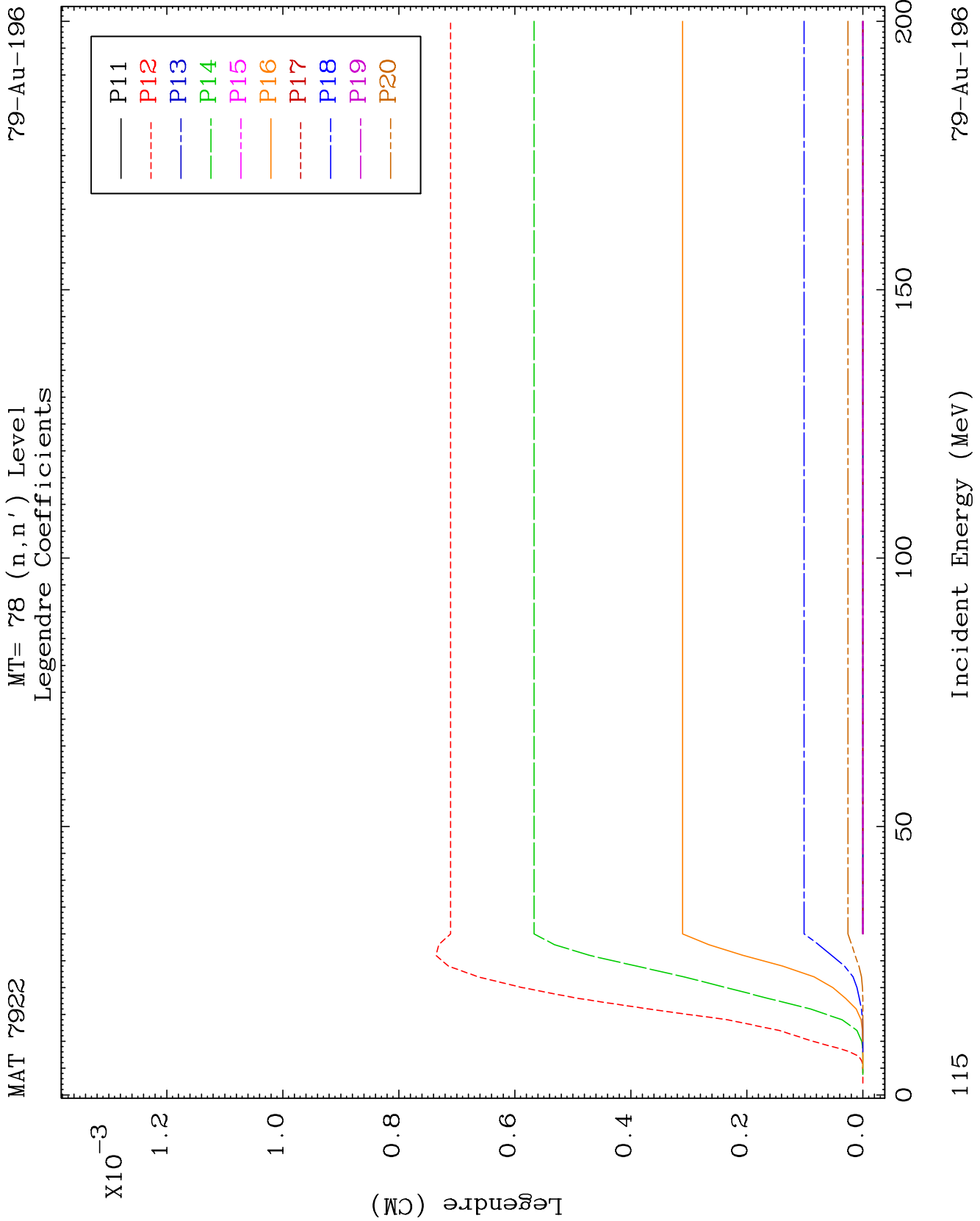


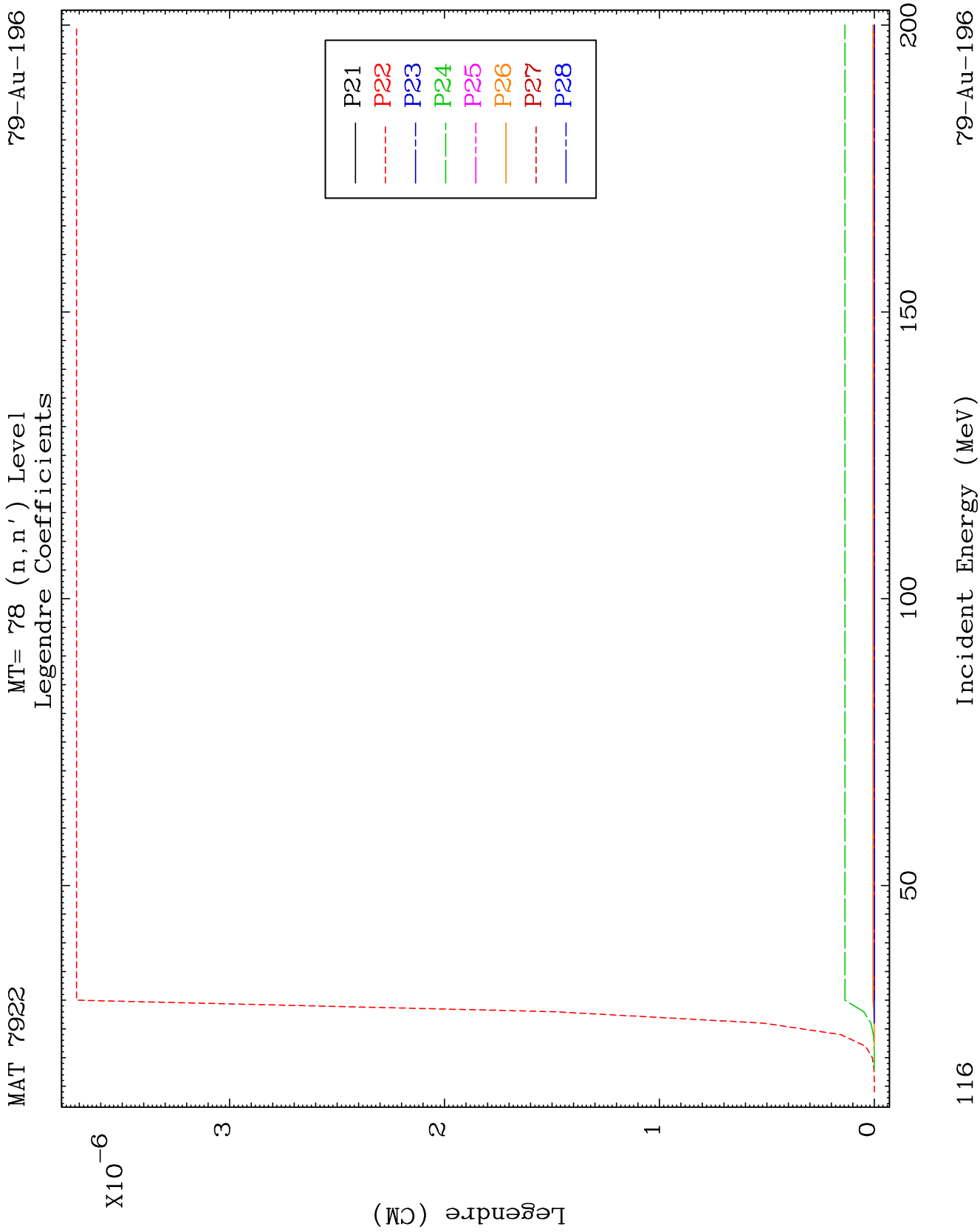




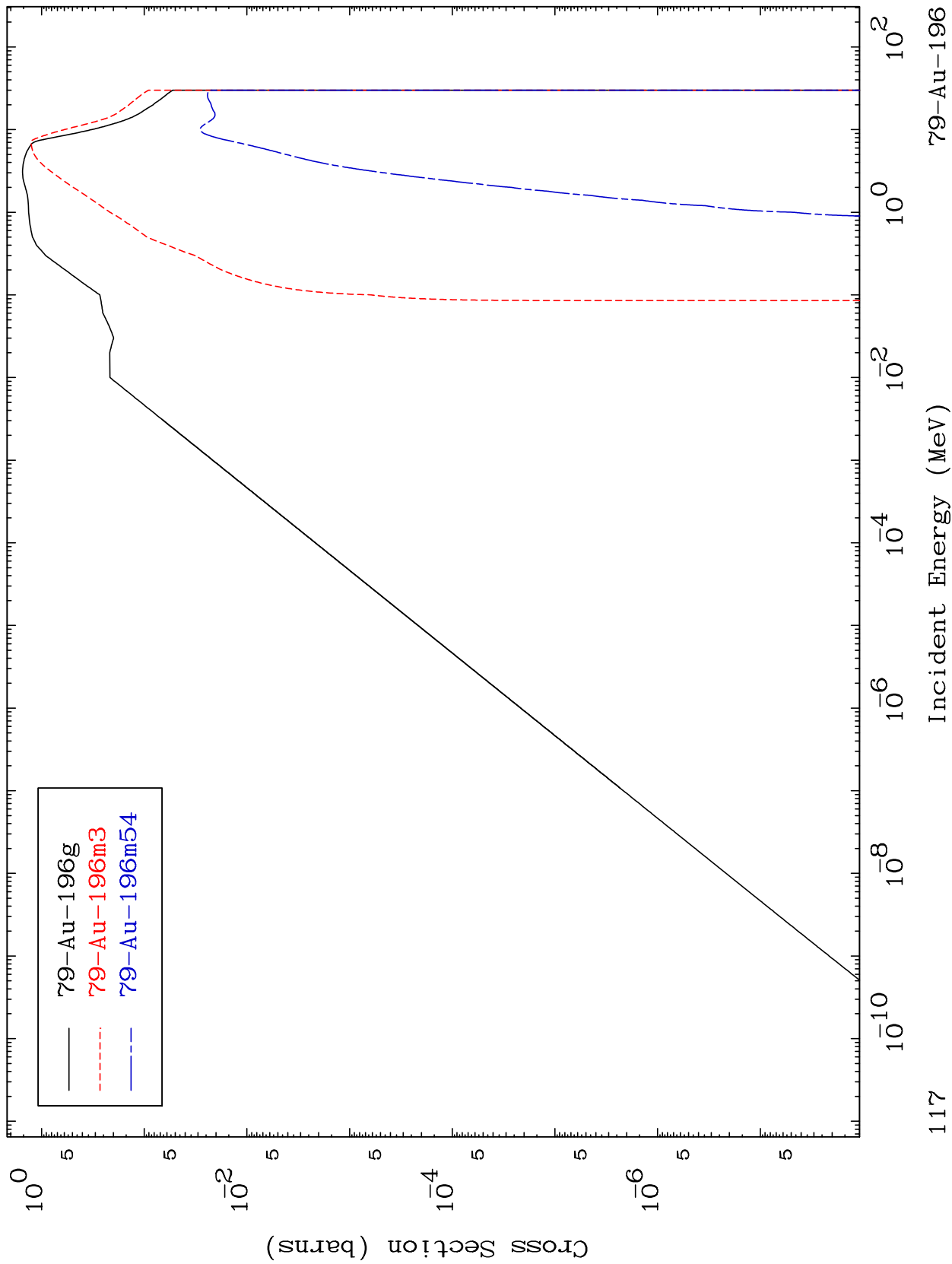




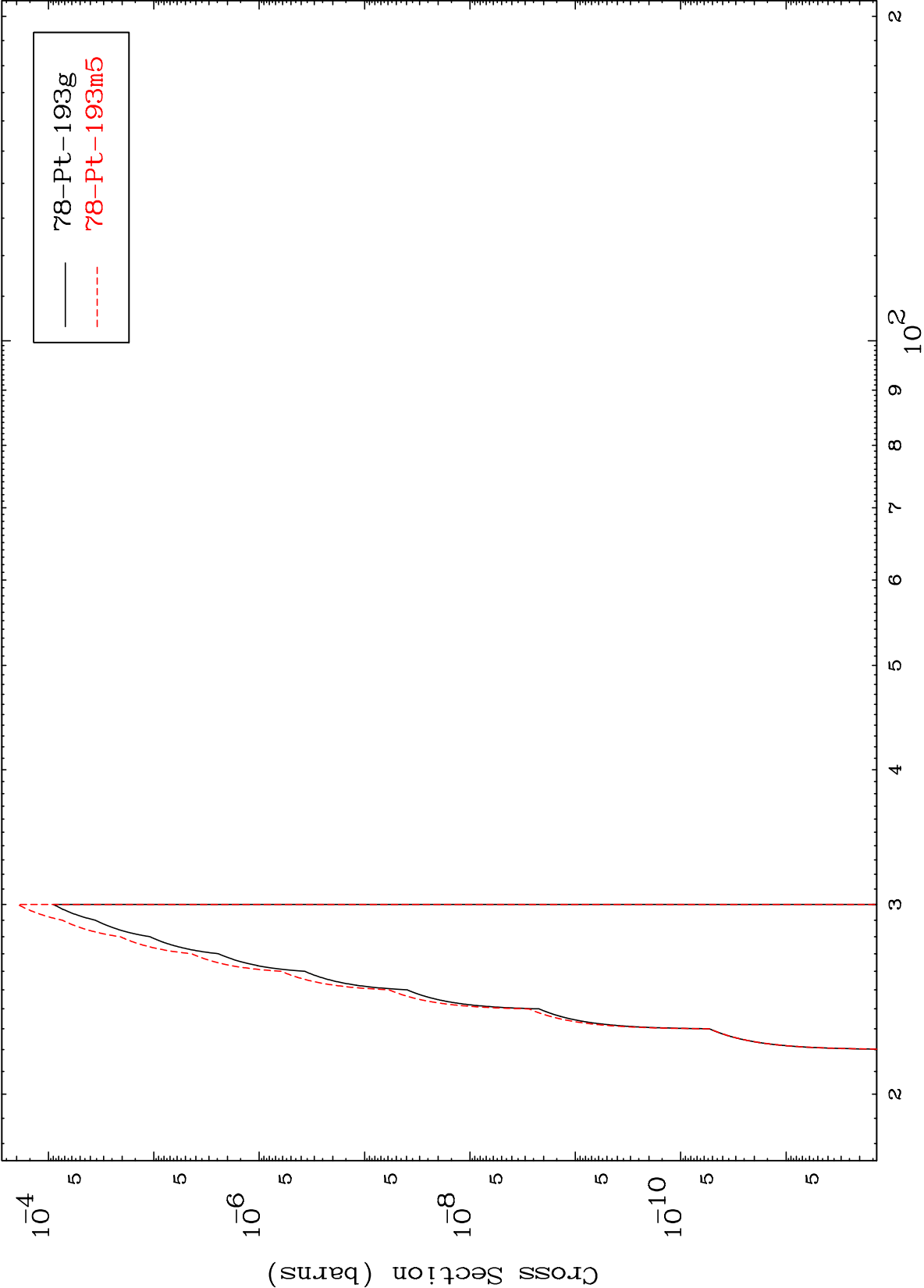




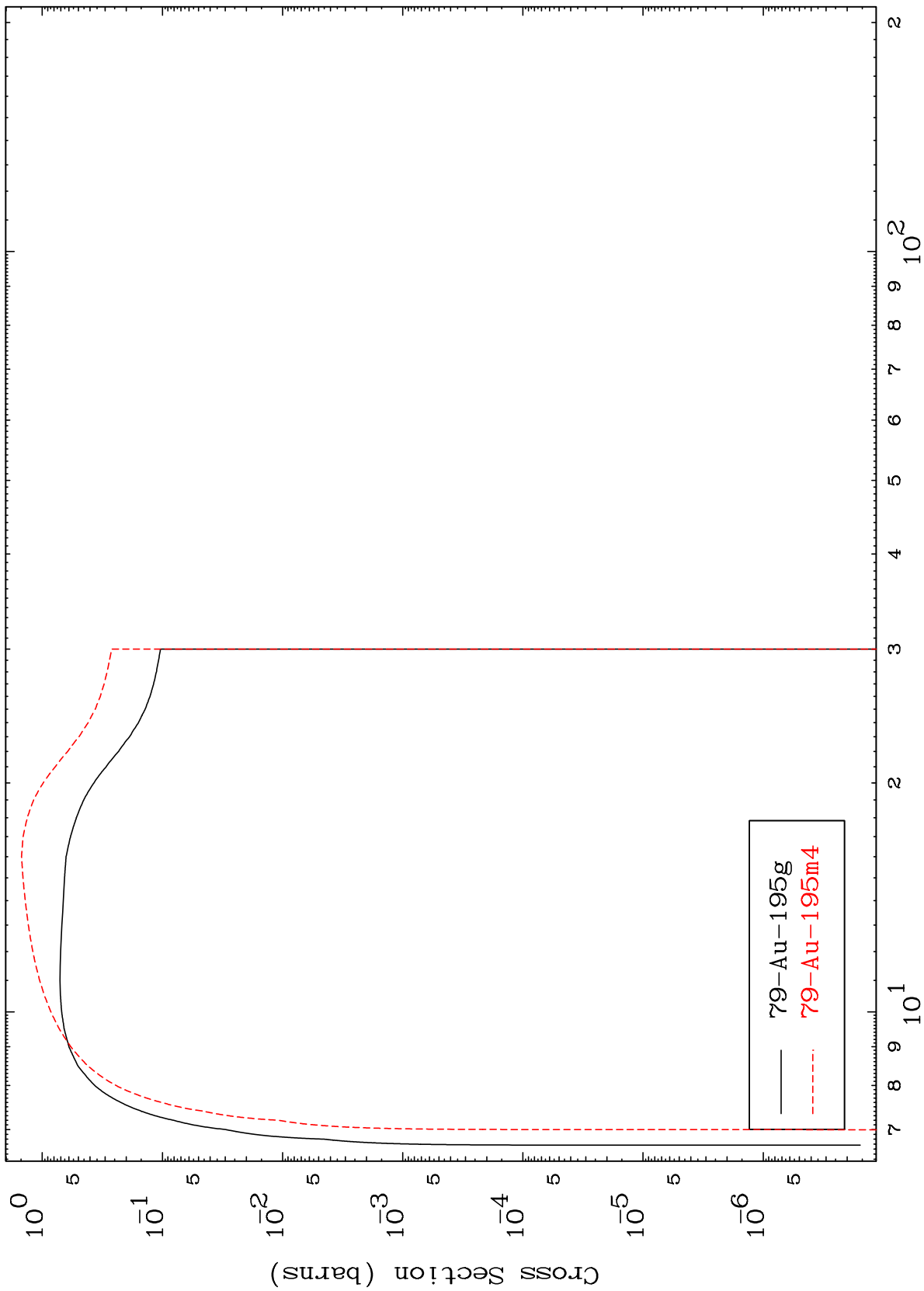
Radionuclide Production Cross Section

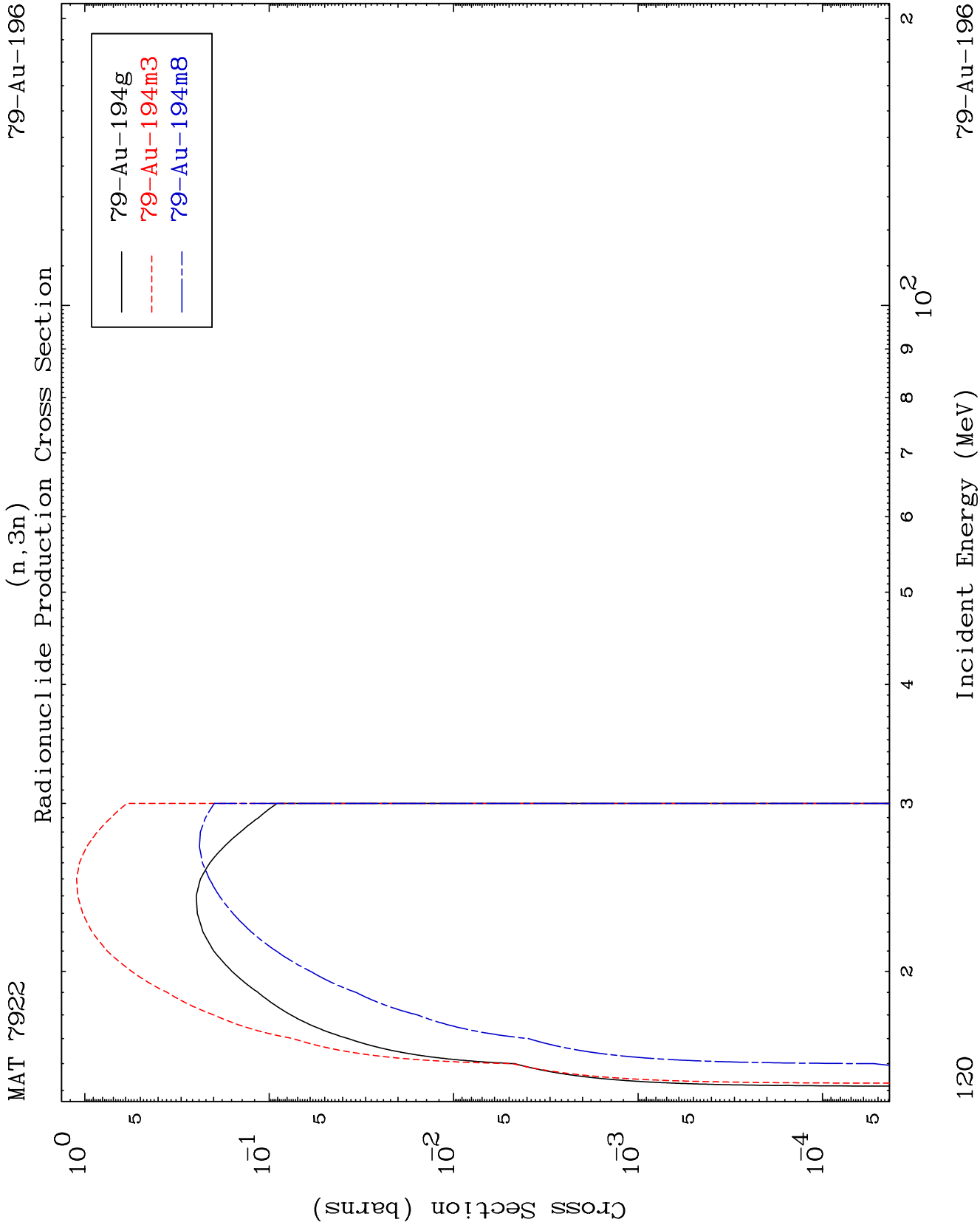


Radionuclide Production Cross Section

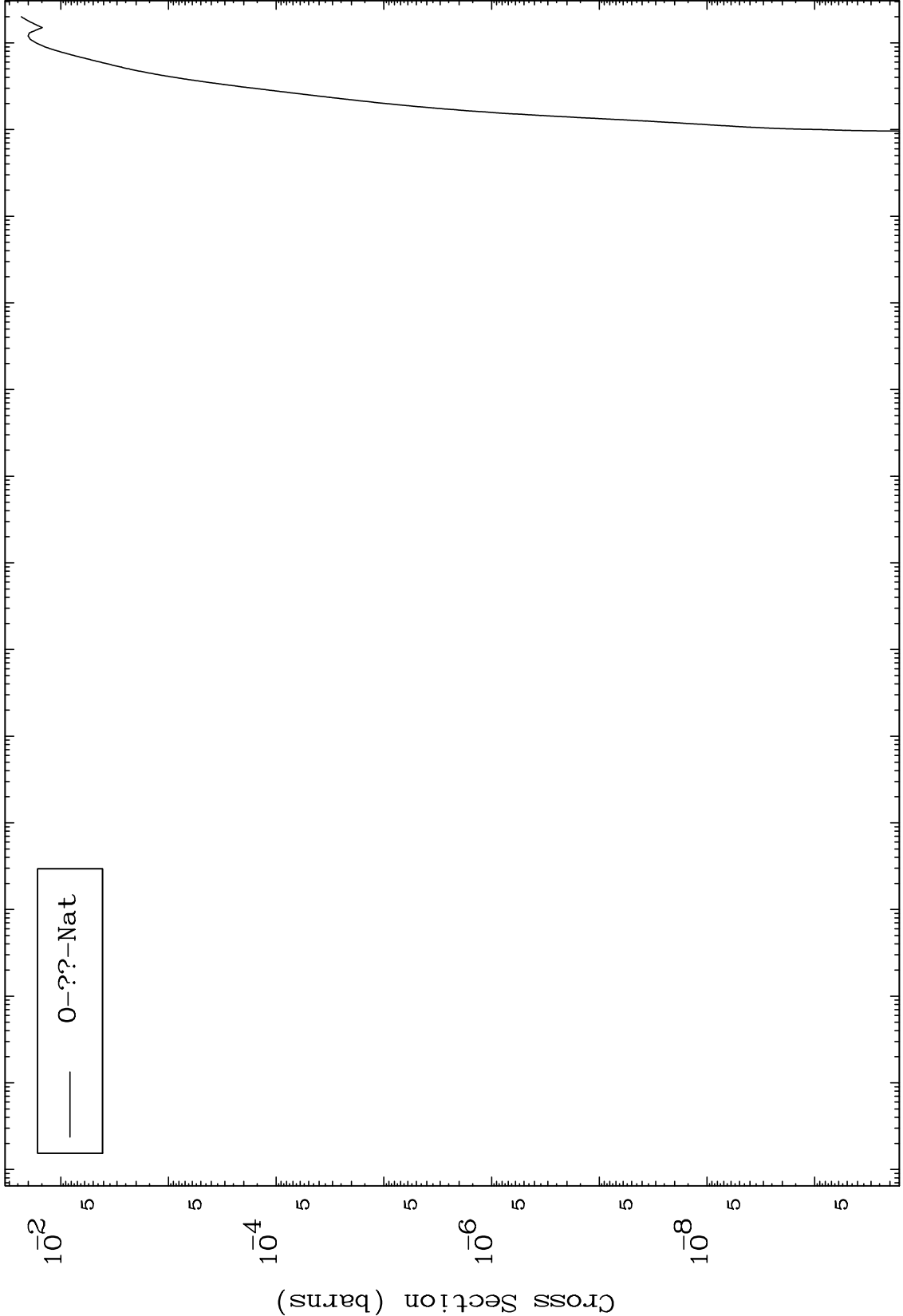


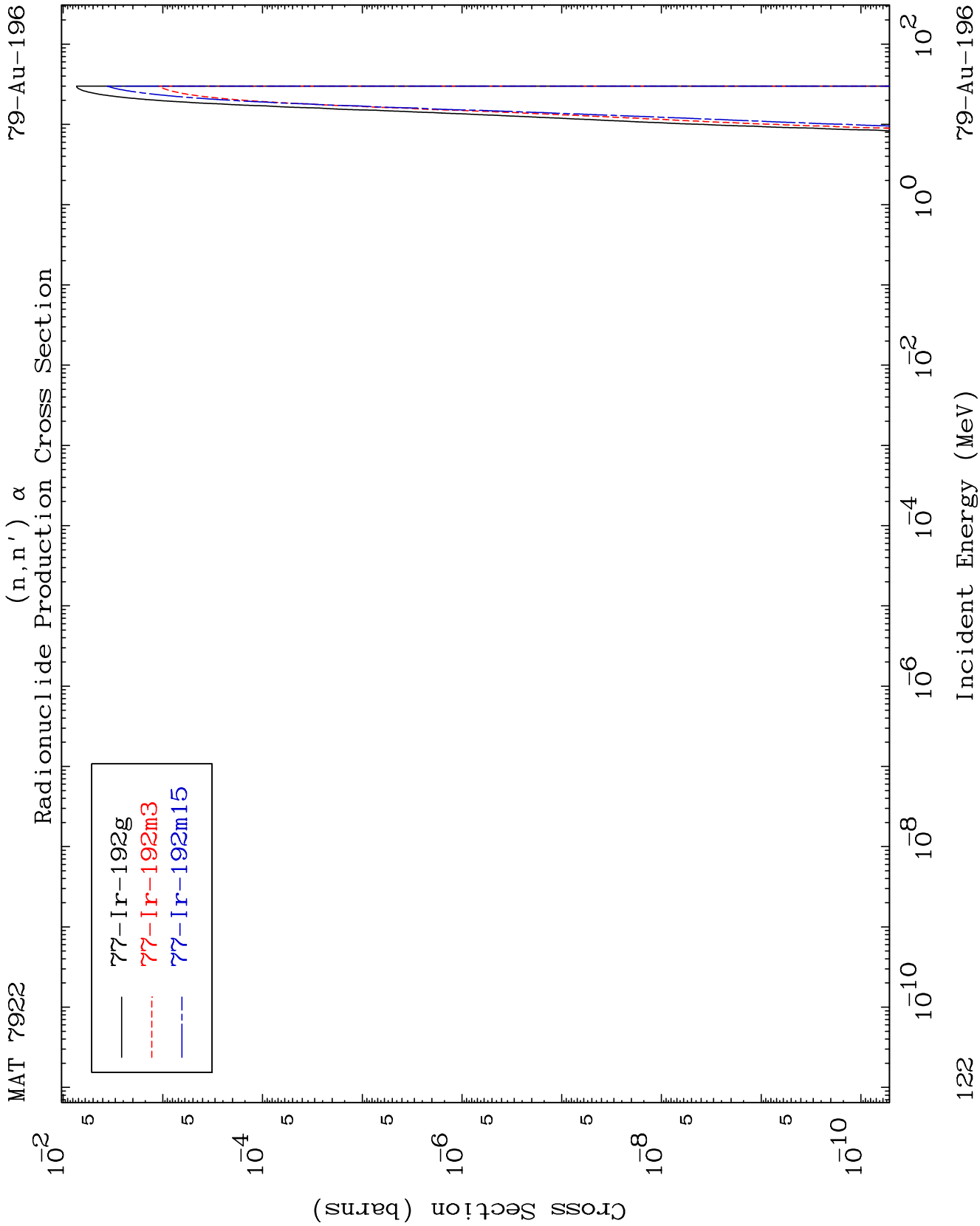
(n,2n)
Radionuclide Production Cross Section

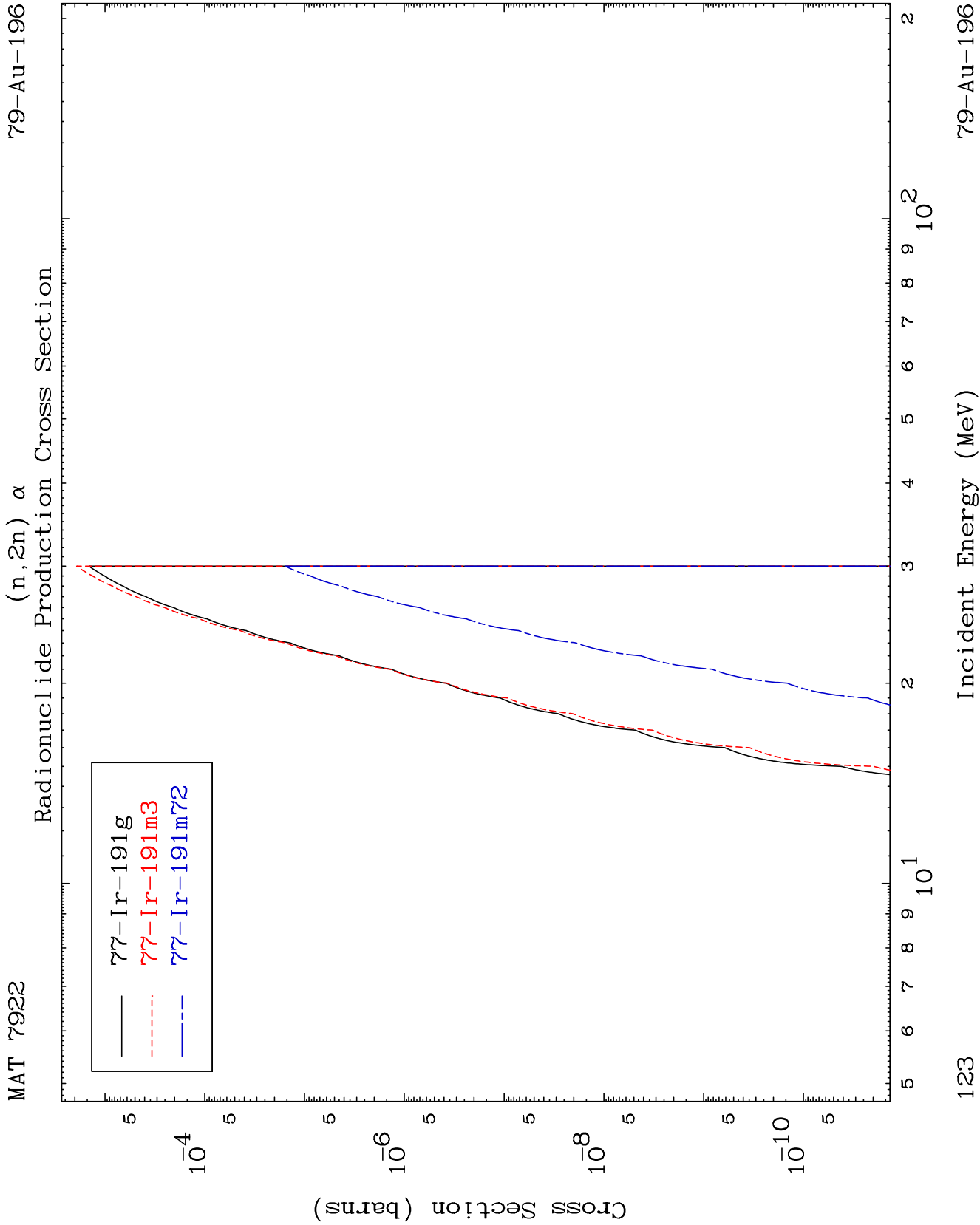


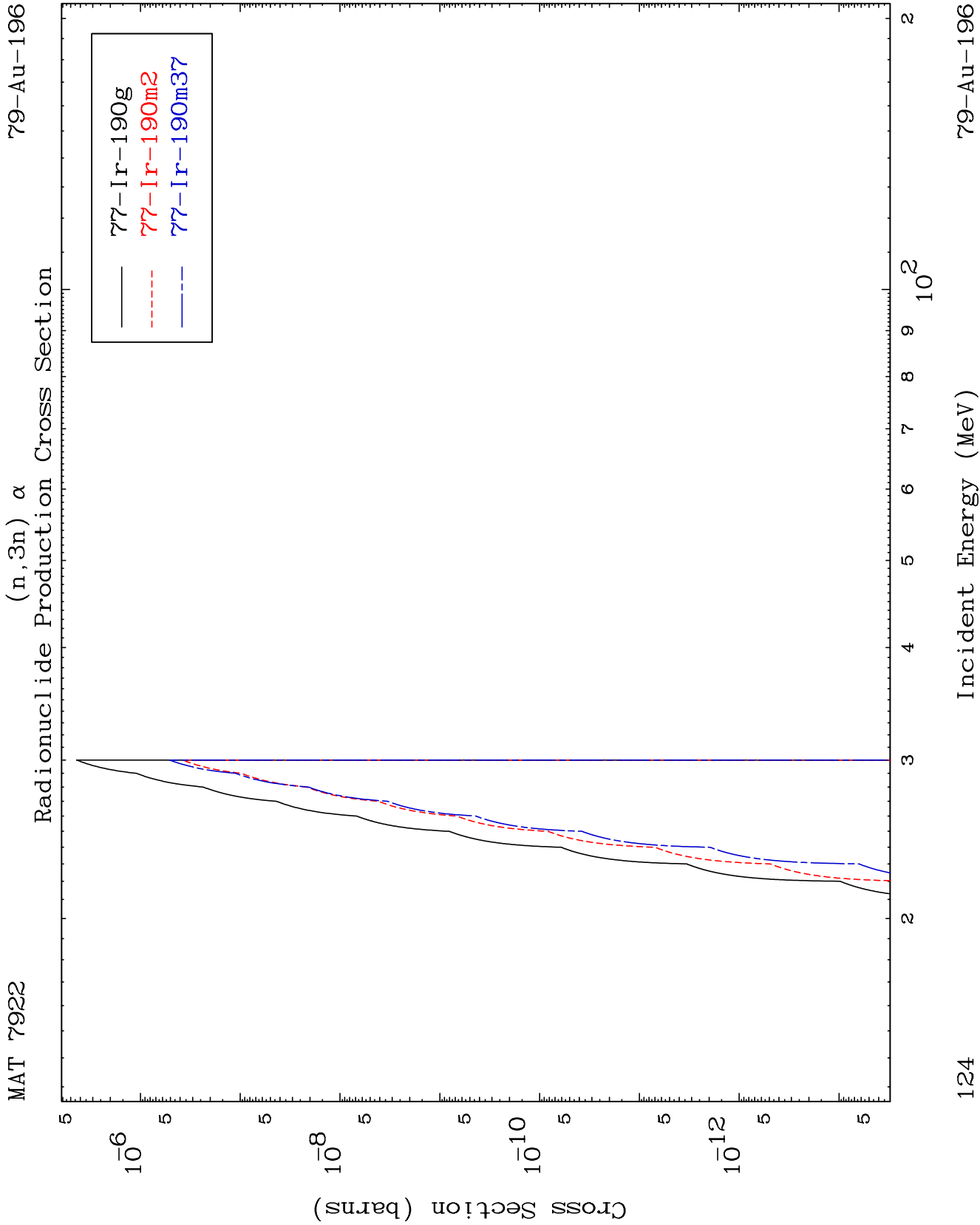


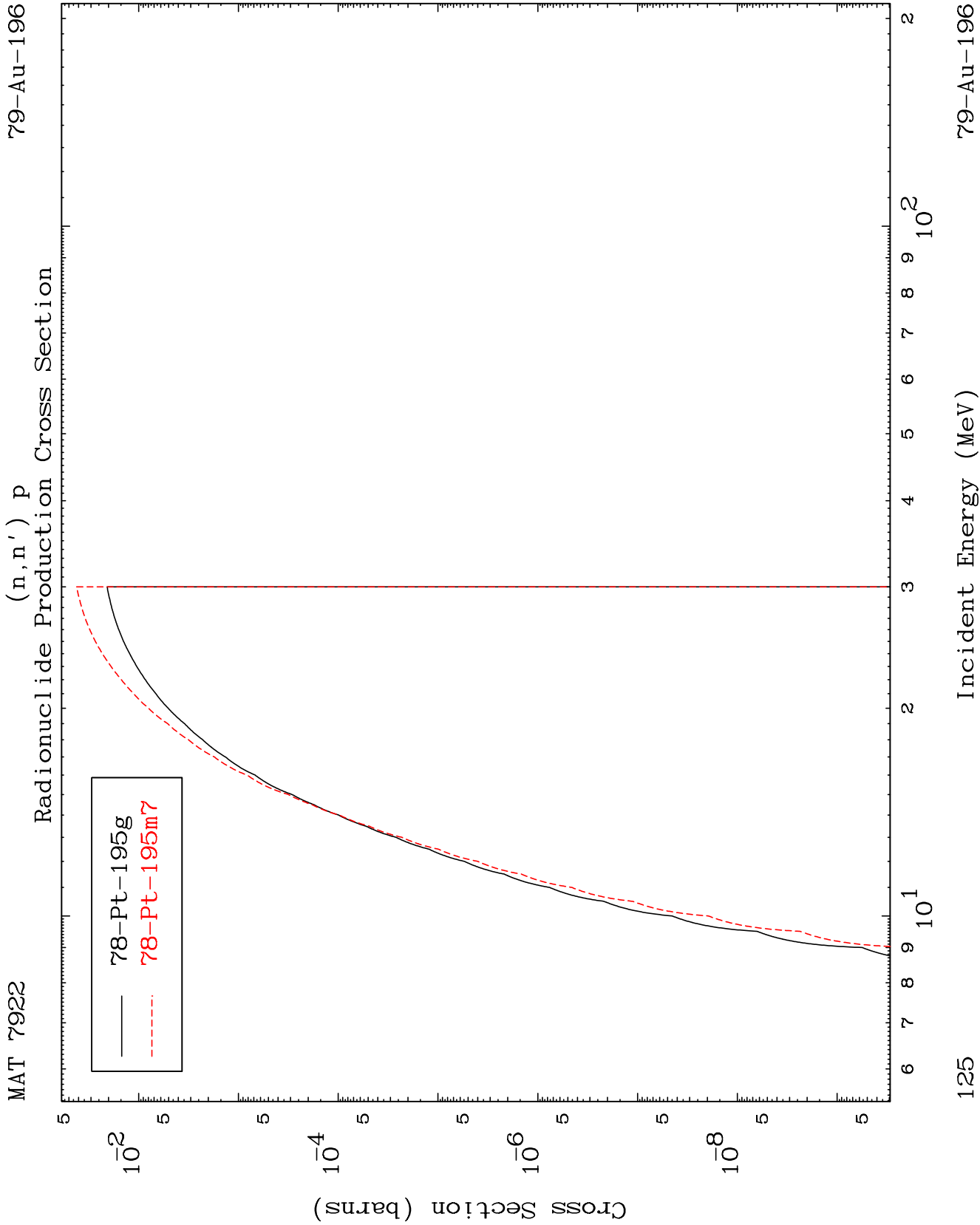
Radionuclide Production Cross Section



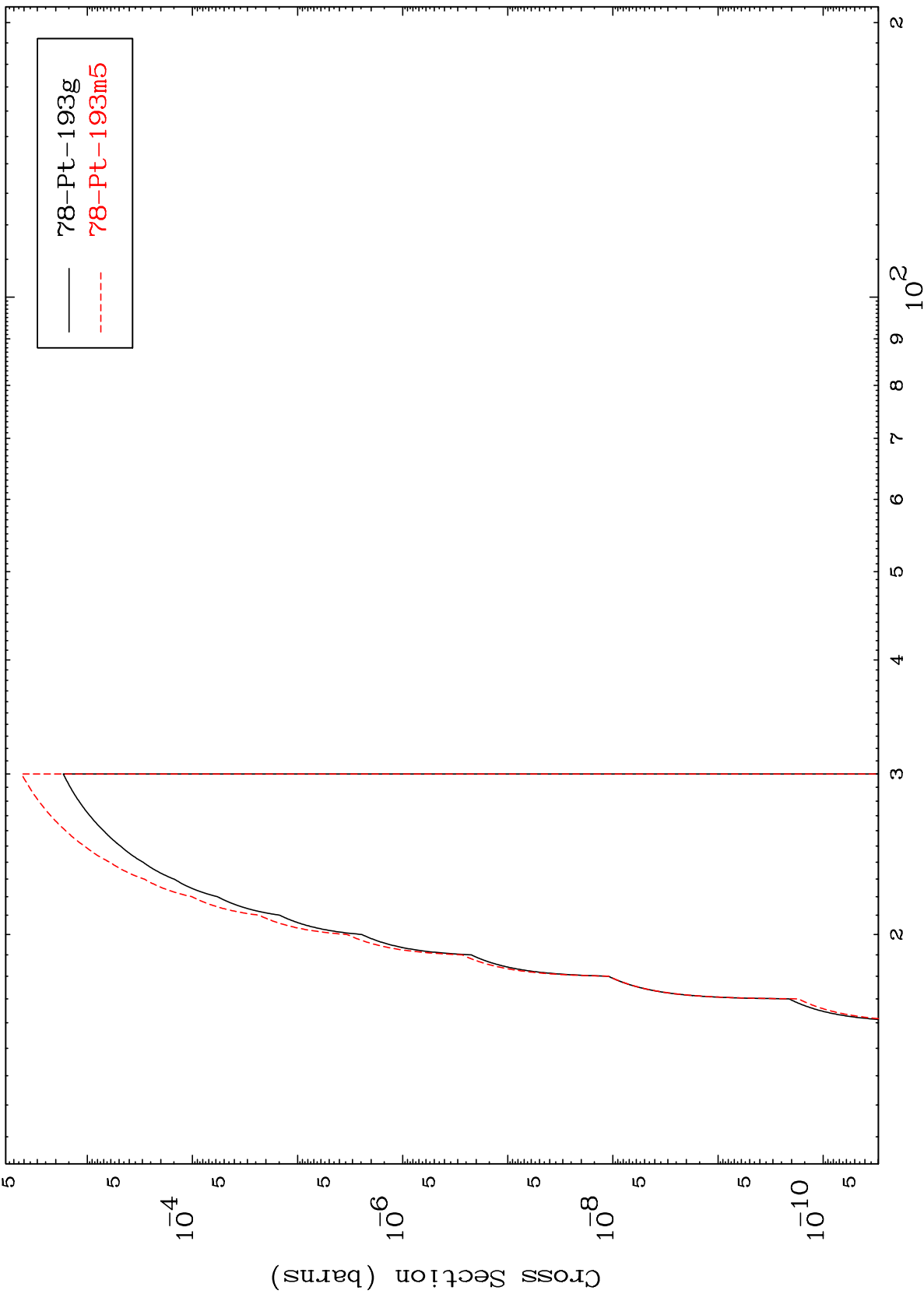




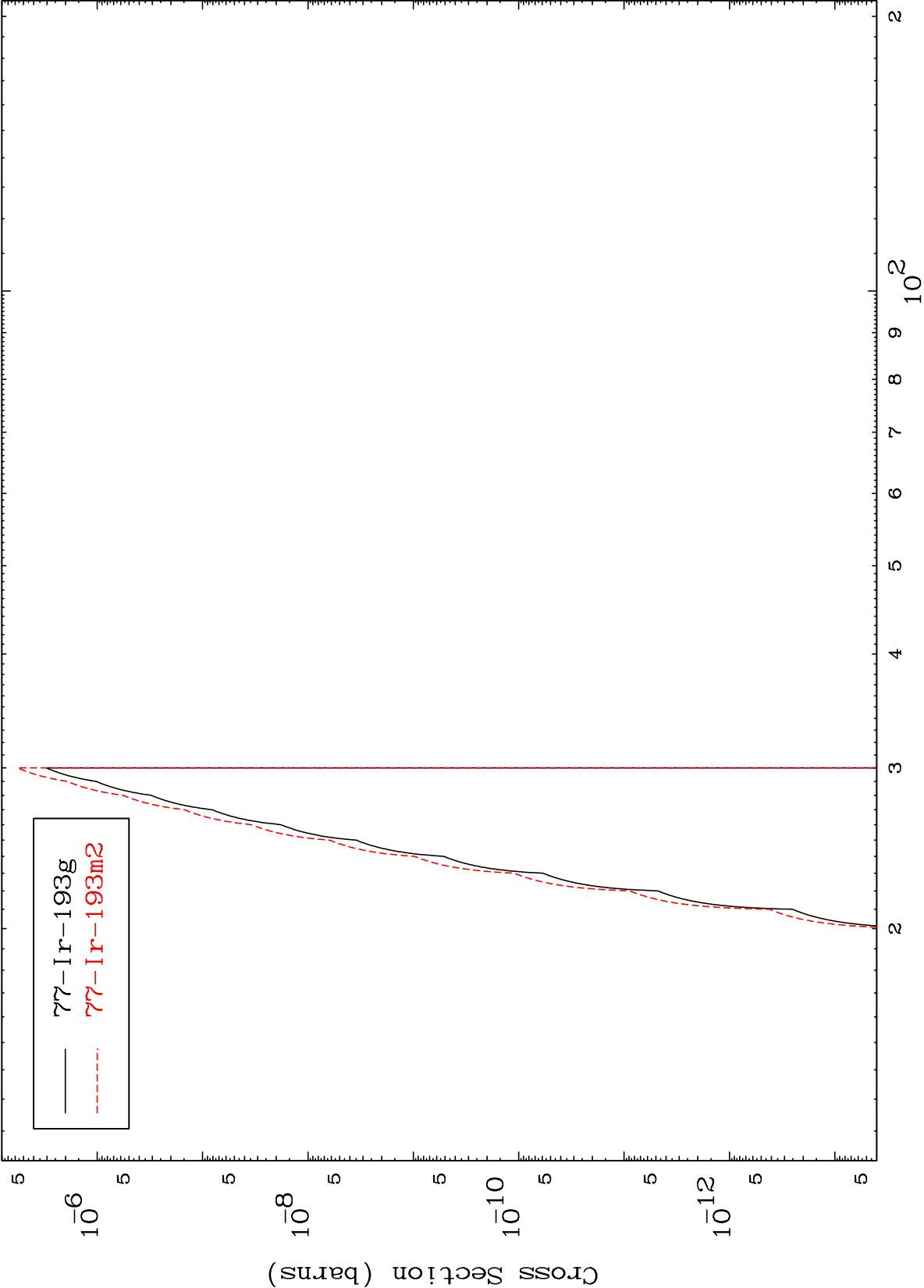


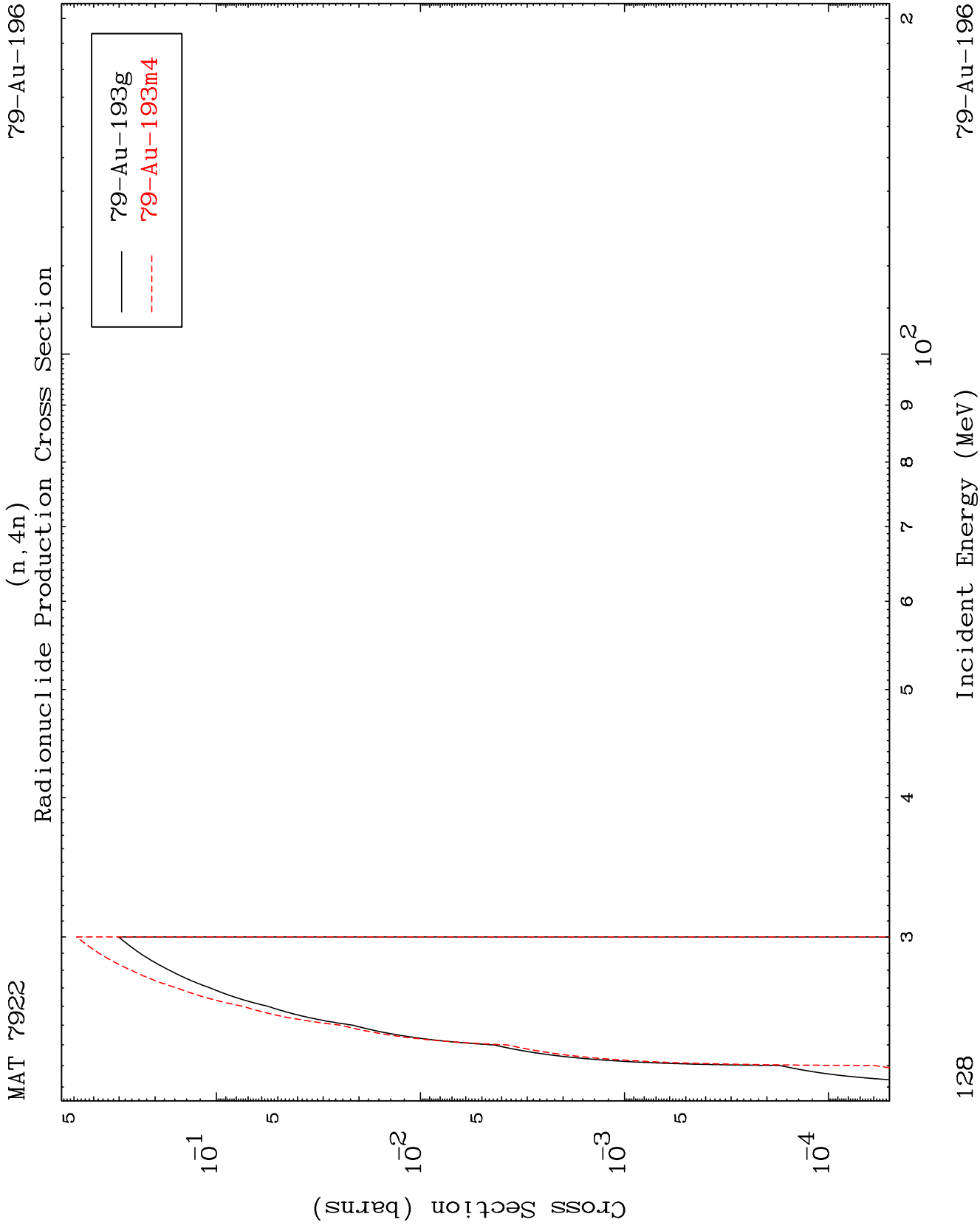


Radionuclide Production Cross Section

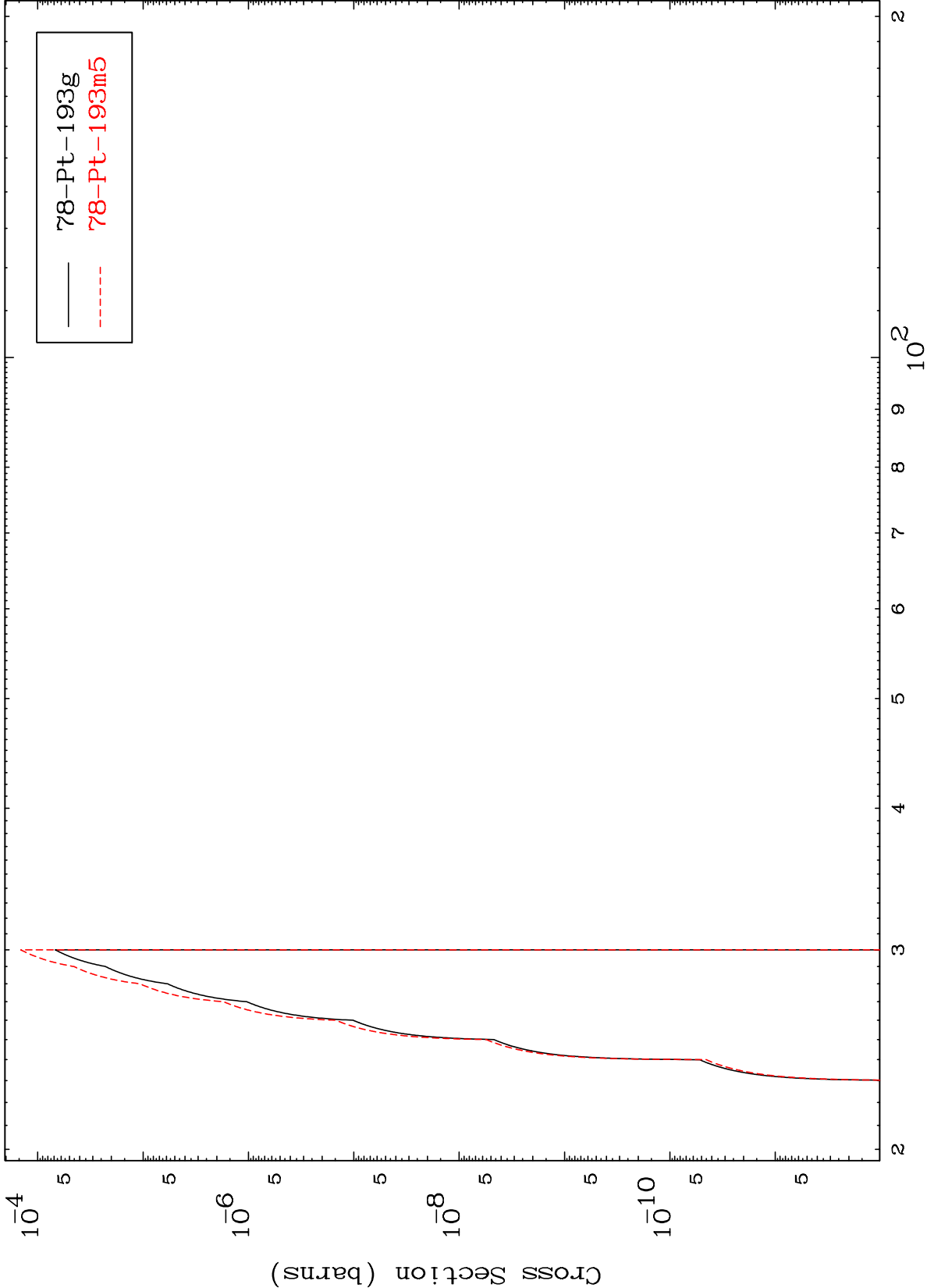


Radionuclide Production Cross Section

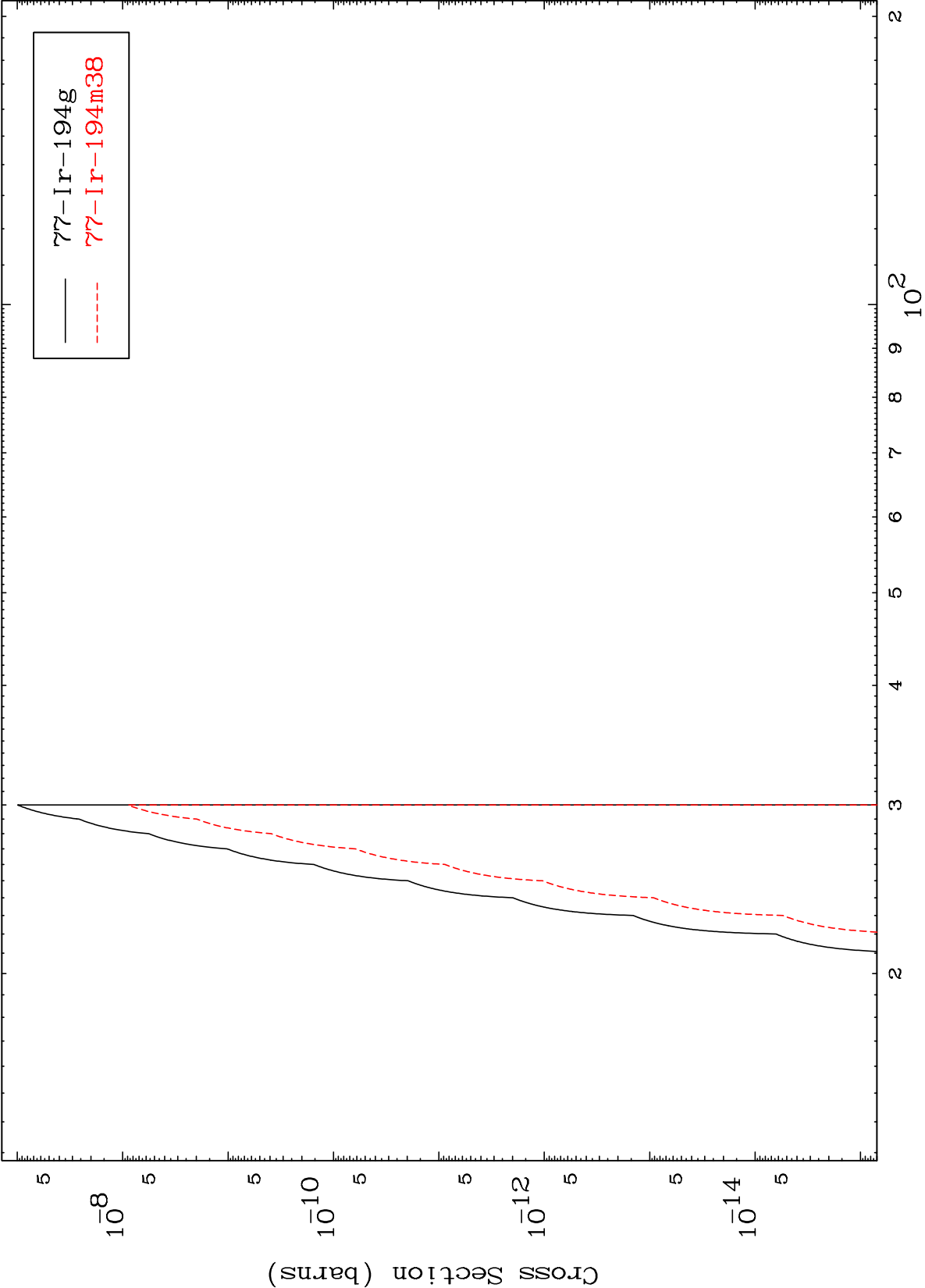




(n,3n) p
Radionuclide Production Cross Section



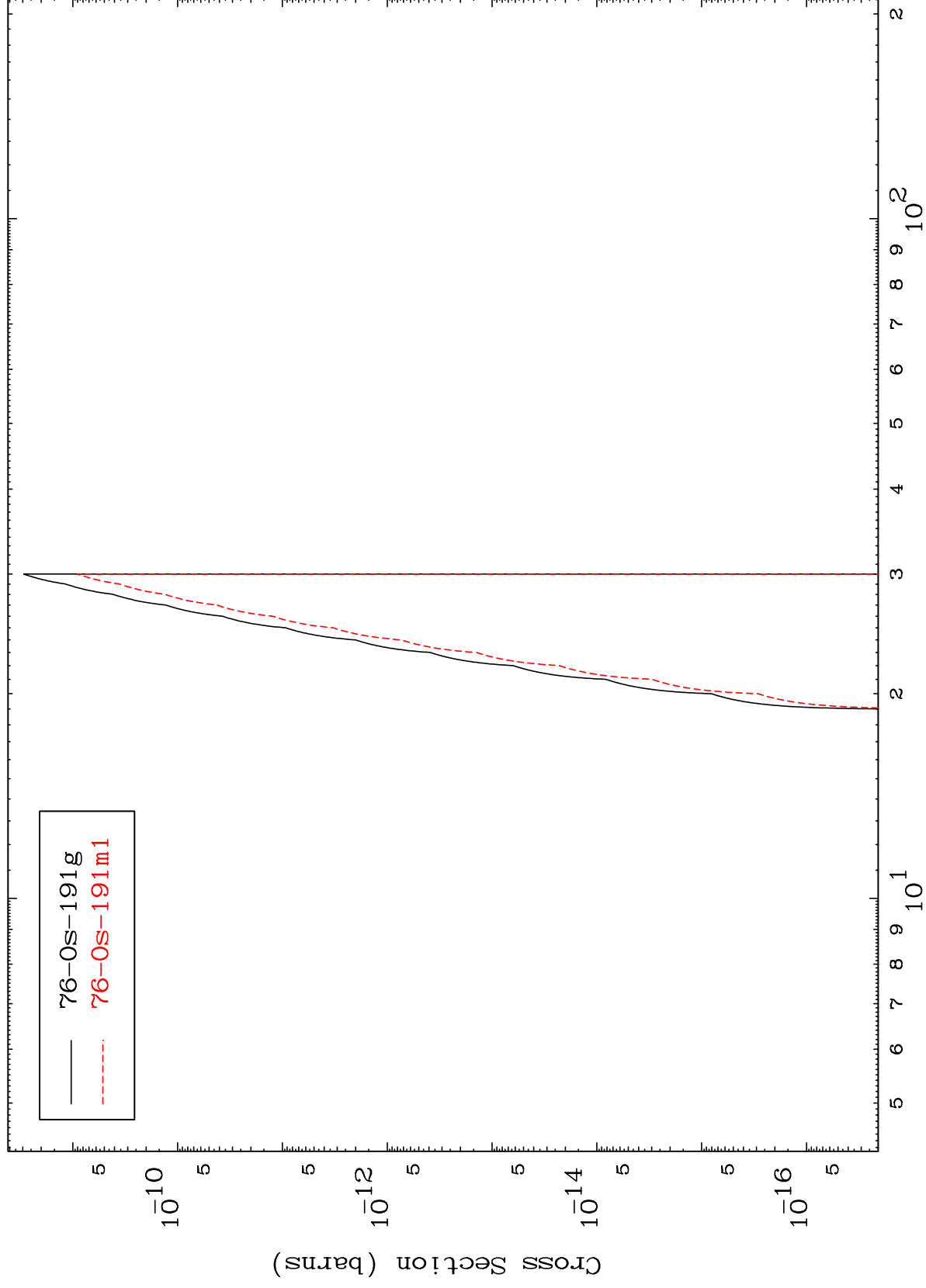
Radionuclide Production Cross Section



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



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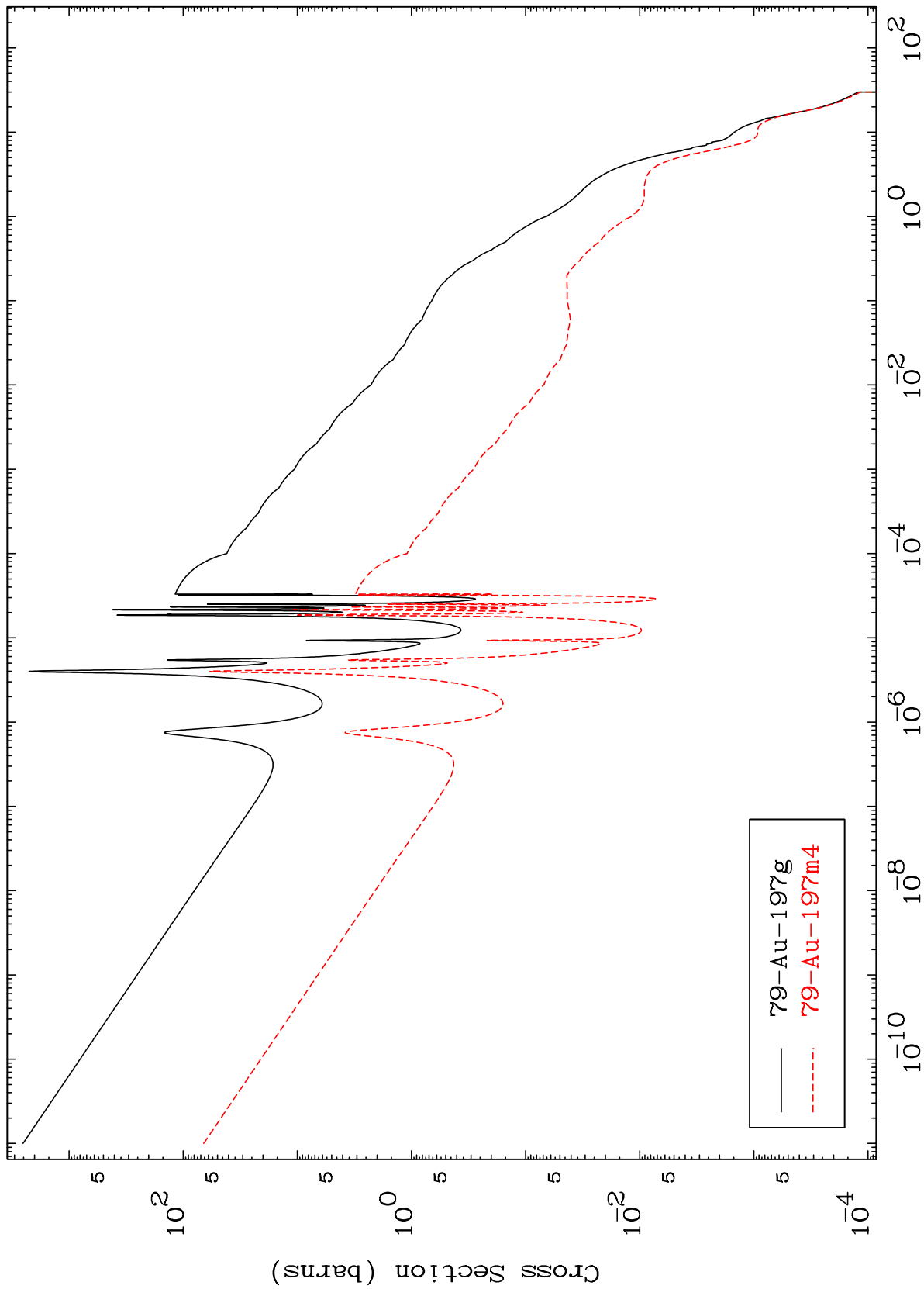
Incident Energy (MeV)

79-Au-196

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79-Au-196

Radionuclide Production Cross Section
(n, γ)

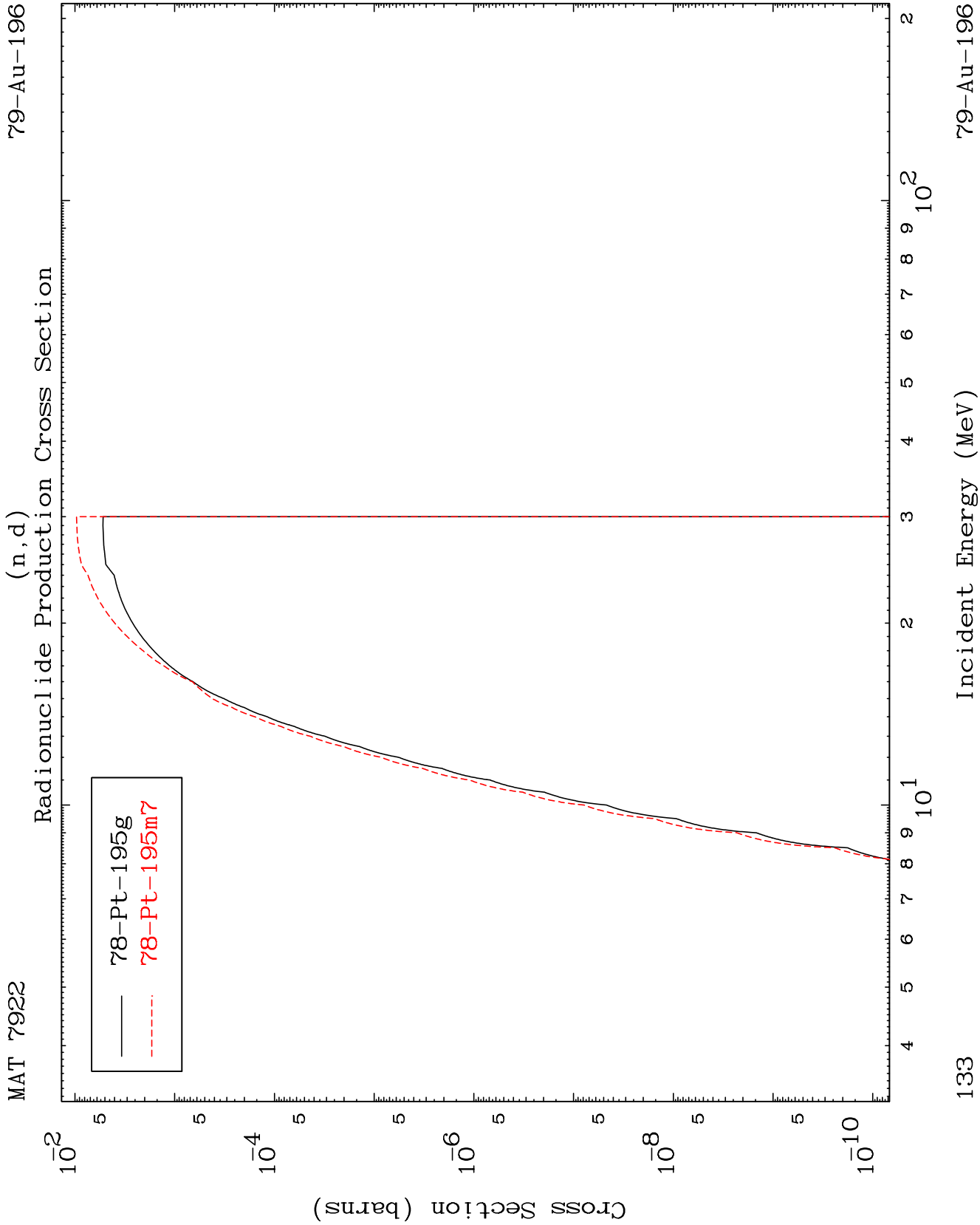


79-Au-197g
79-Au-197m4

79-Au-196

Incident Energy (MeV)

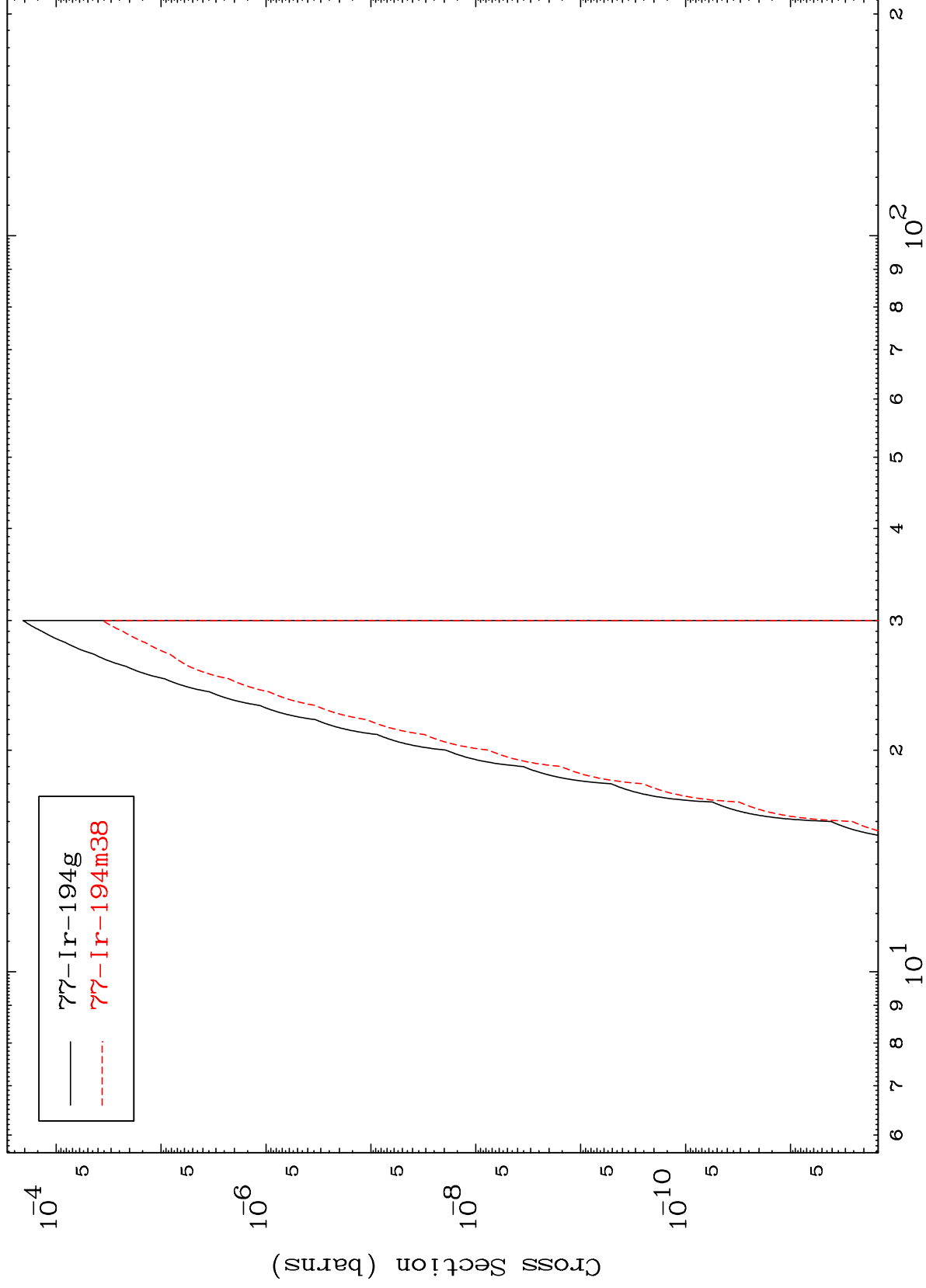
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79-Au-196

Radionuclide Production Cross Section

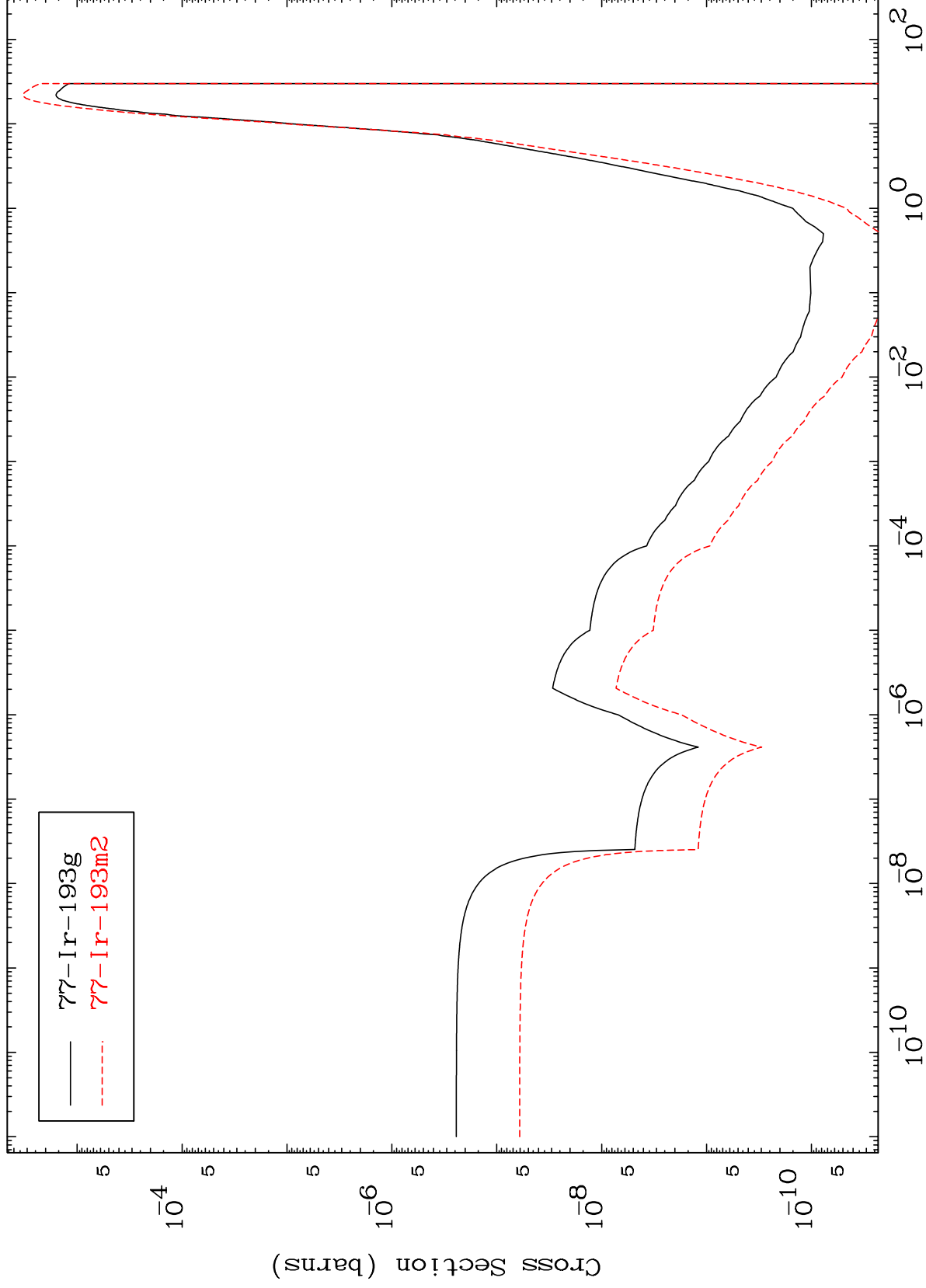


79-Au-196

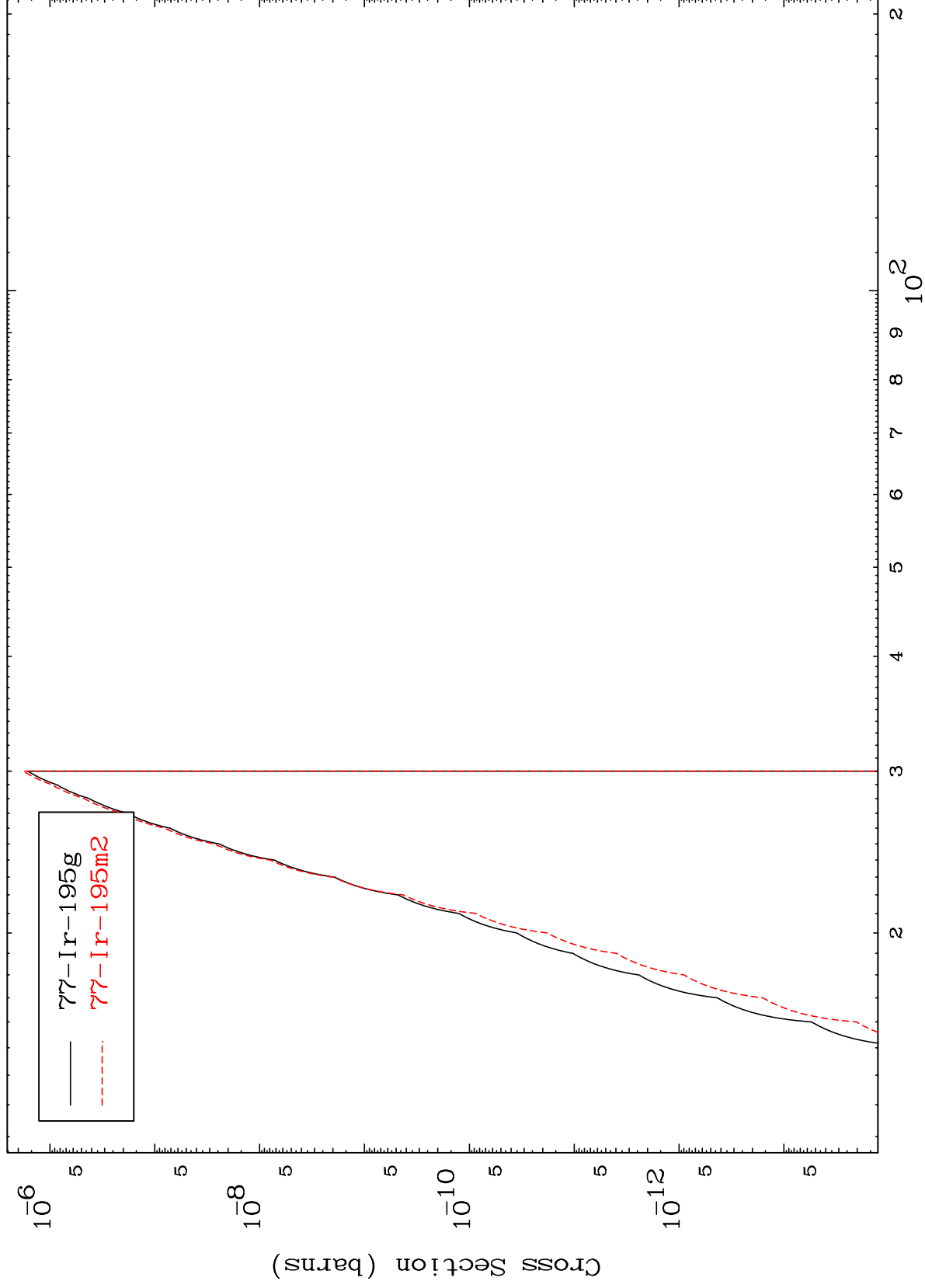
Incident Energy (MeV)

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Radionuclide Production Cross Section



Radionuclide Production Cross Section (n,2p)

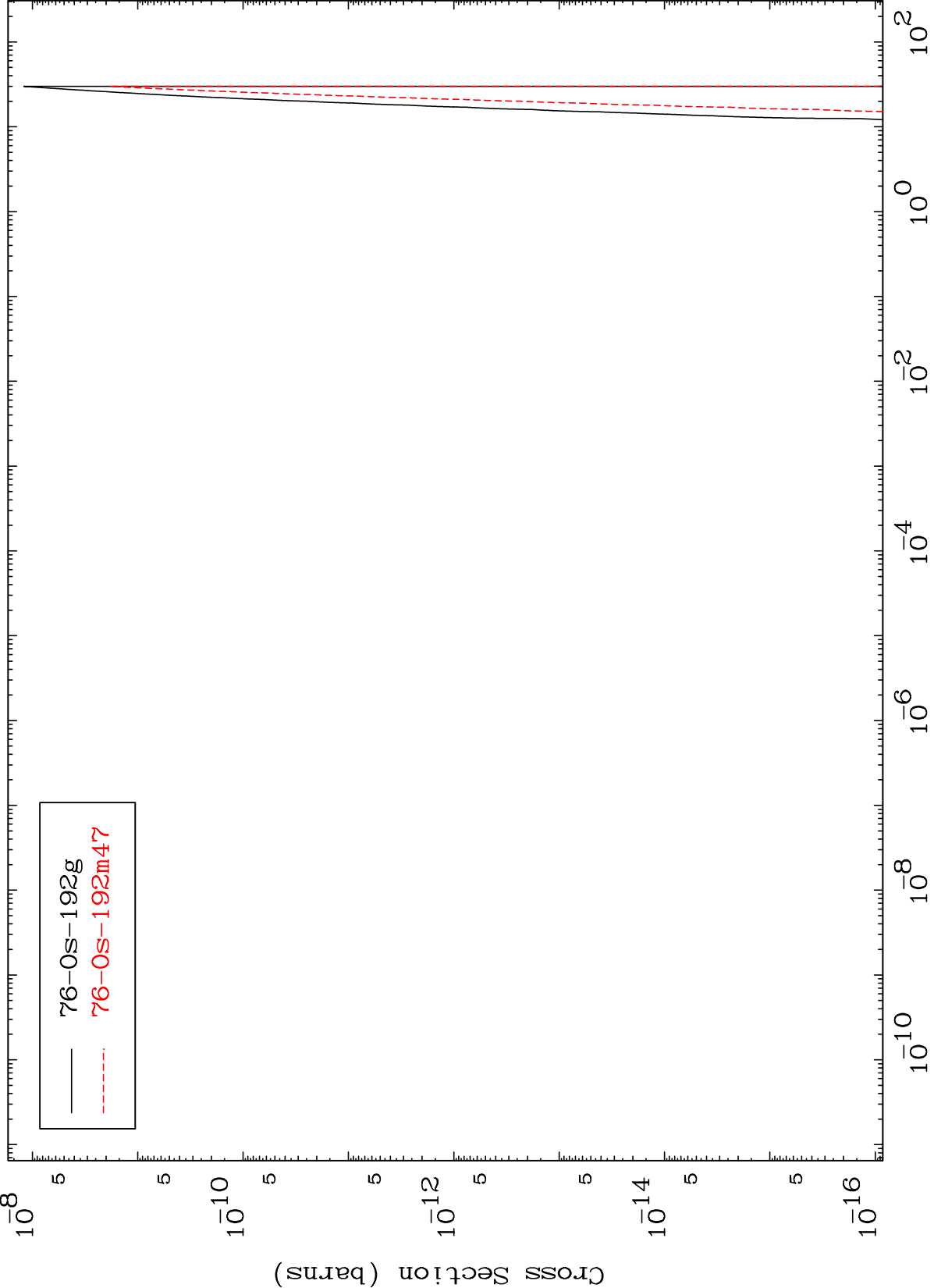


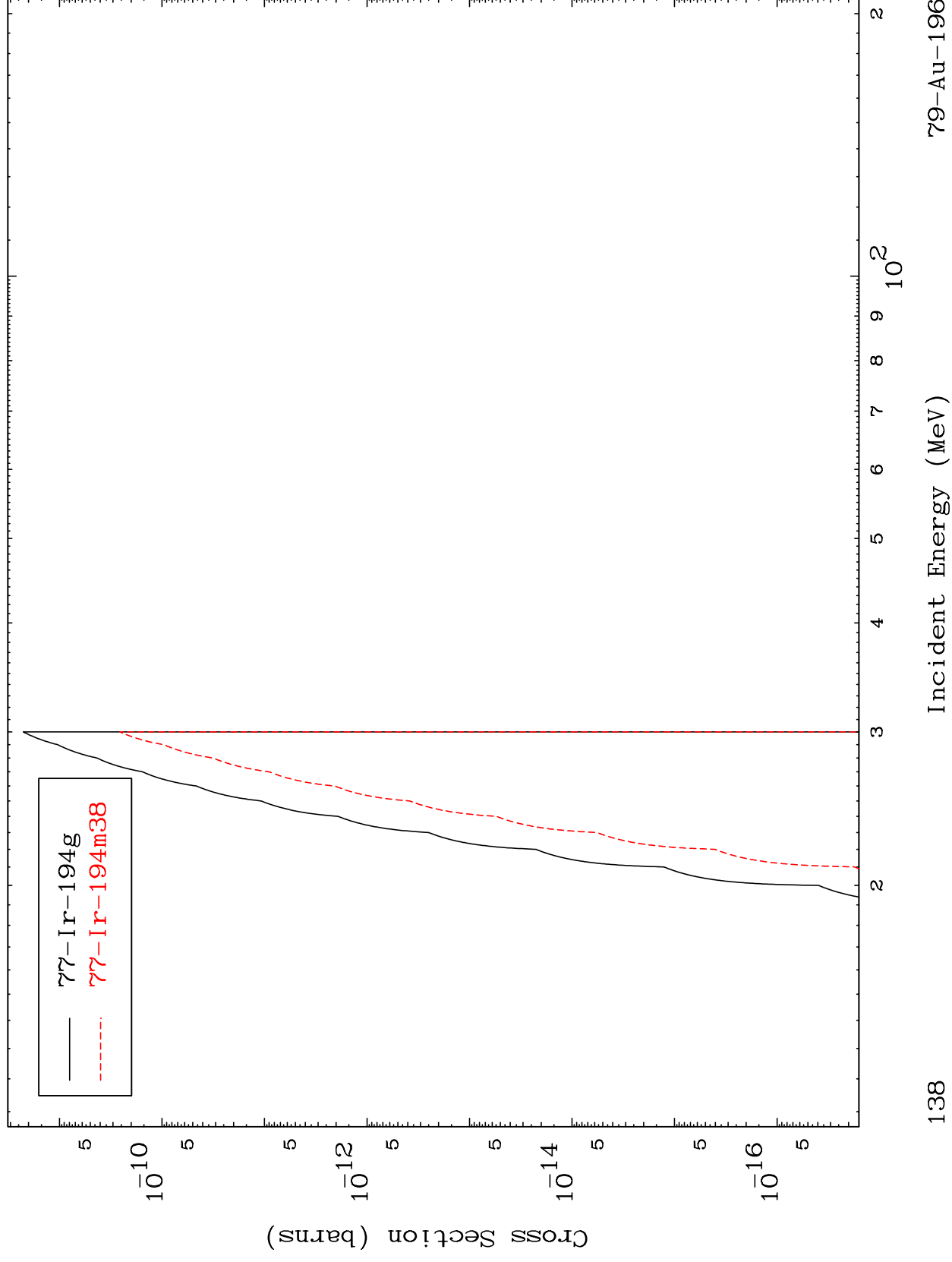
MAT 7922

(n,p) α

⁷⁹Au-196

Radionuclide Production Cross Section



(n,p) d
Radionuclide Production Cross Section

(n,p) t
Radionuclide Production Cross Section