

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

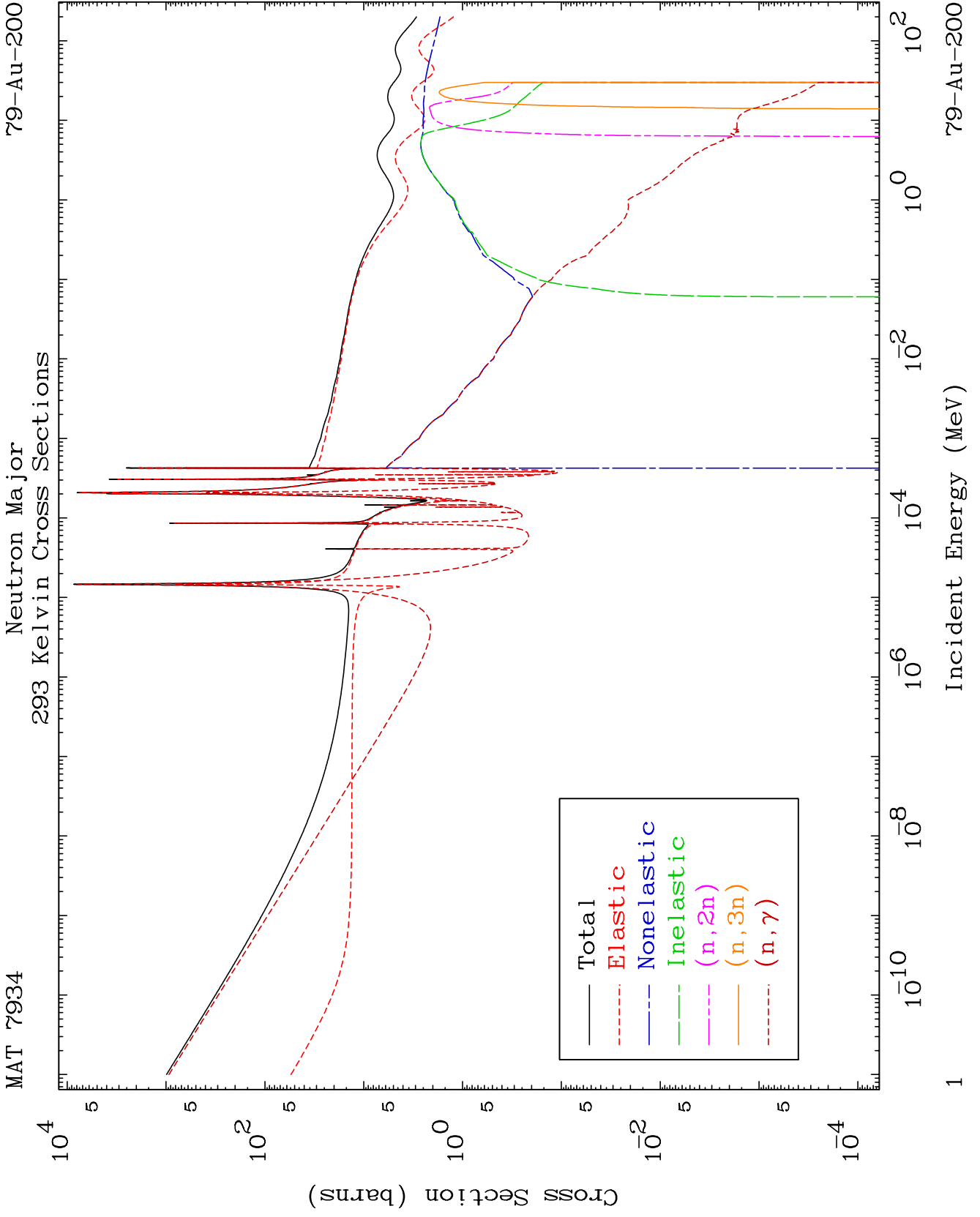
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

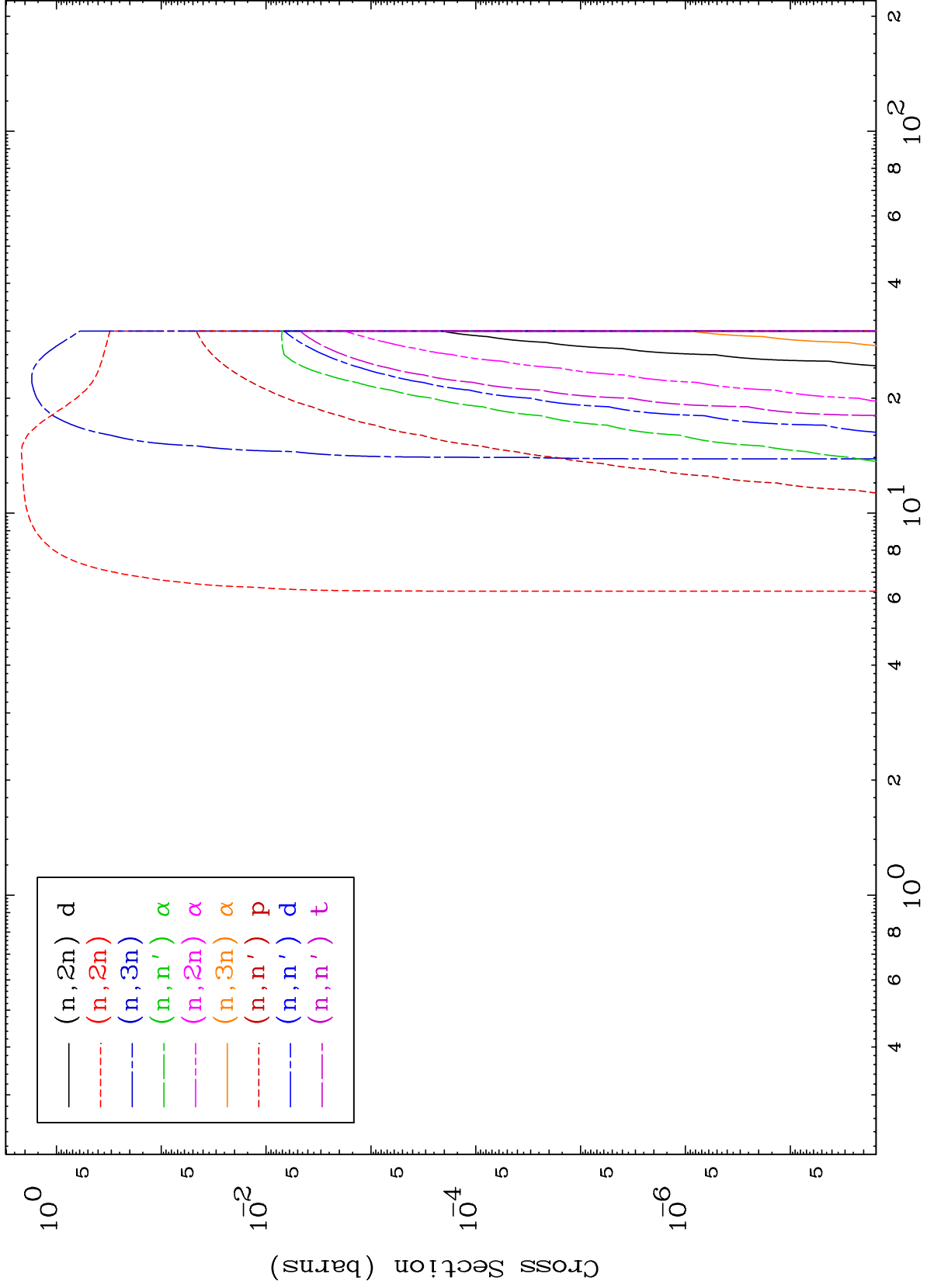
Tele: 925-443-1911

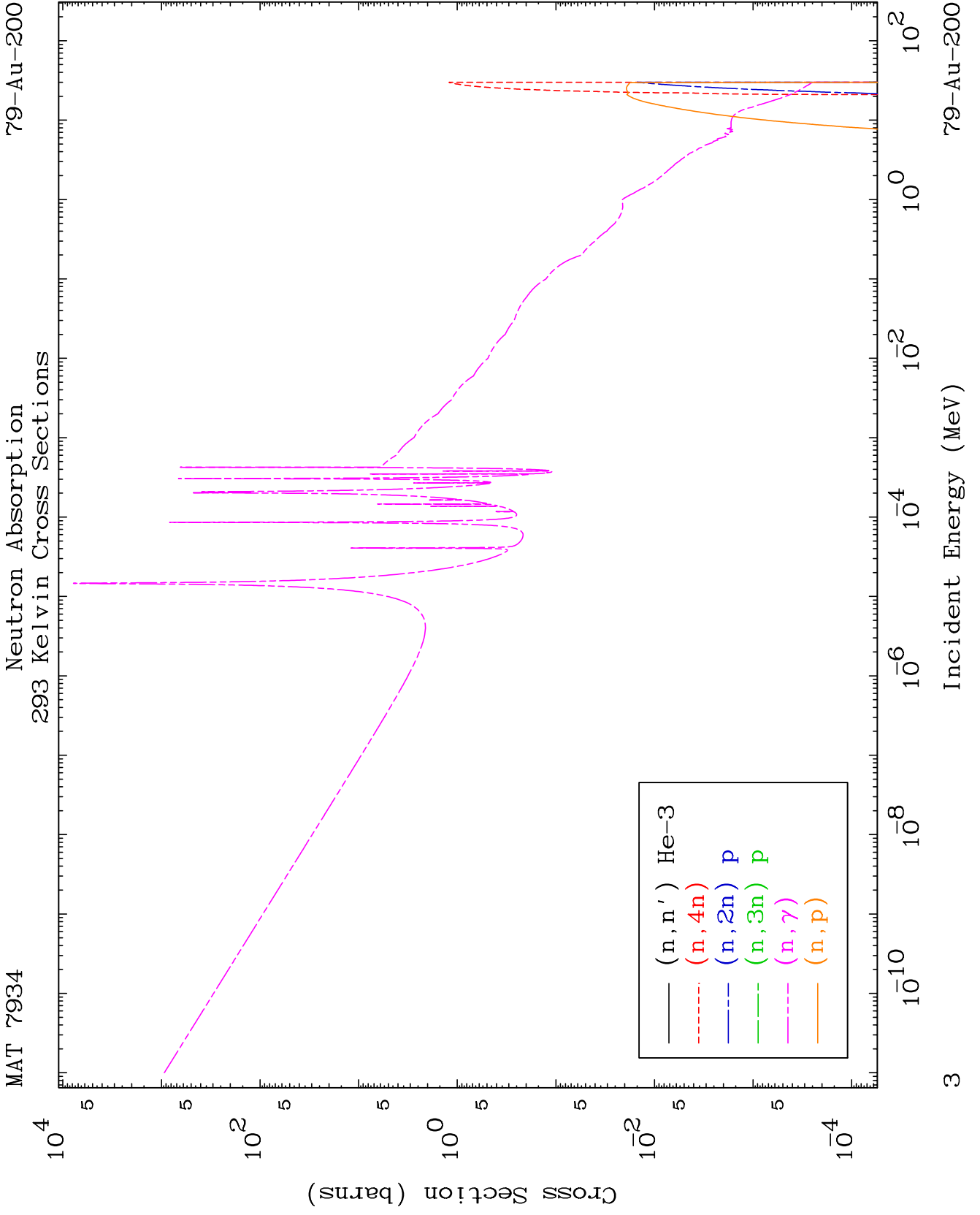
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

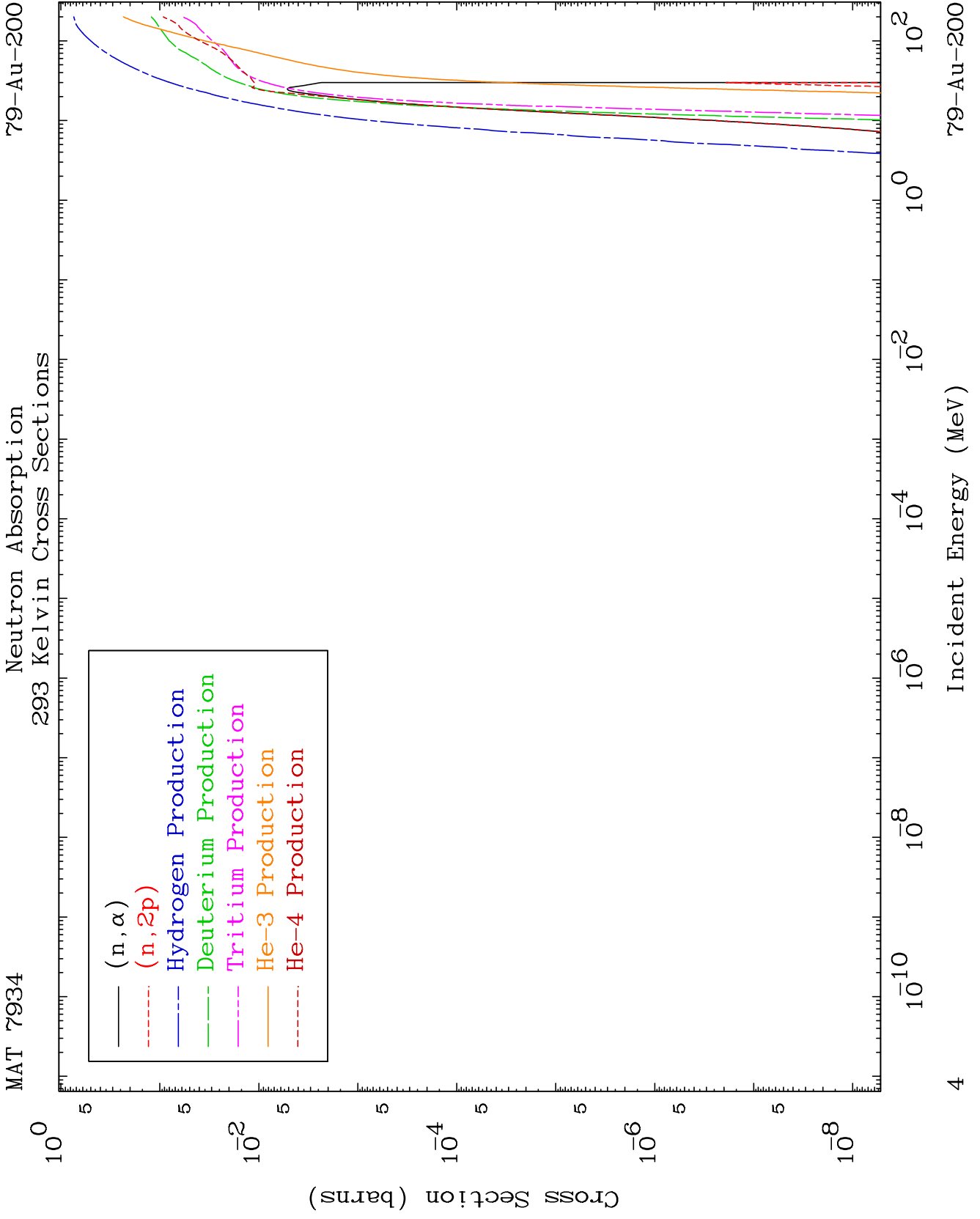
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start





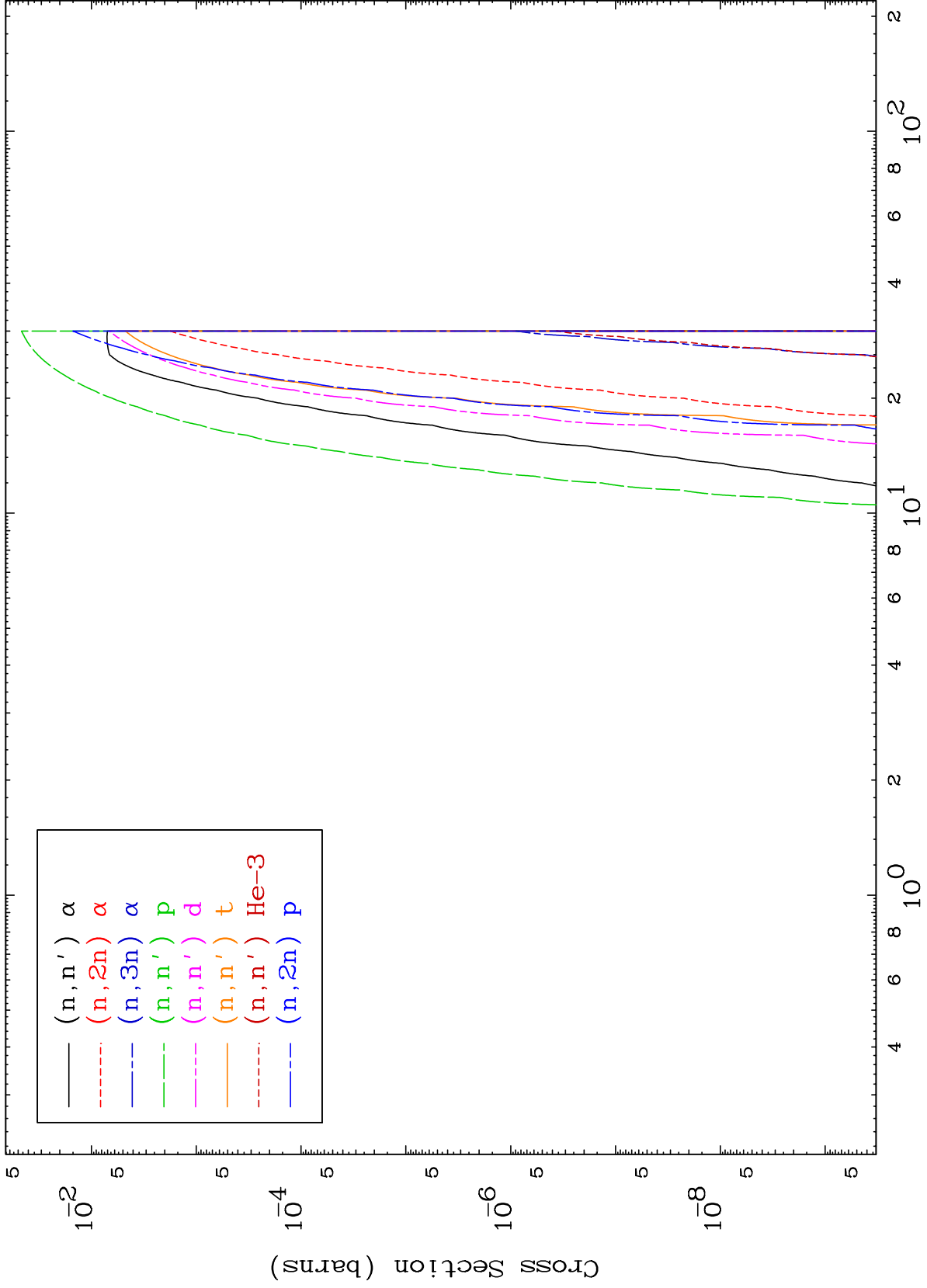




MAT 7934

Charged Particle  
293 Kelvin Cross Sections

79-Au-200



5

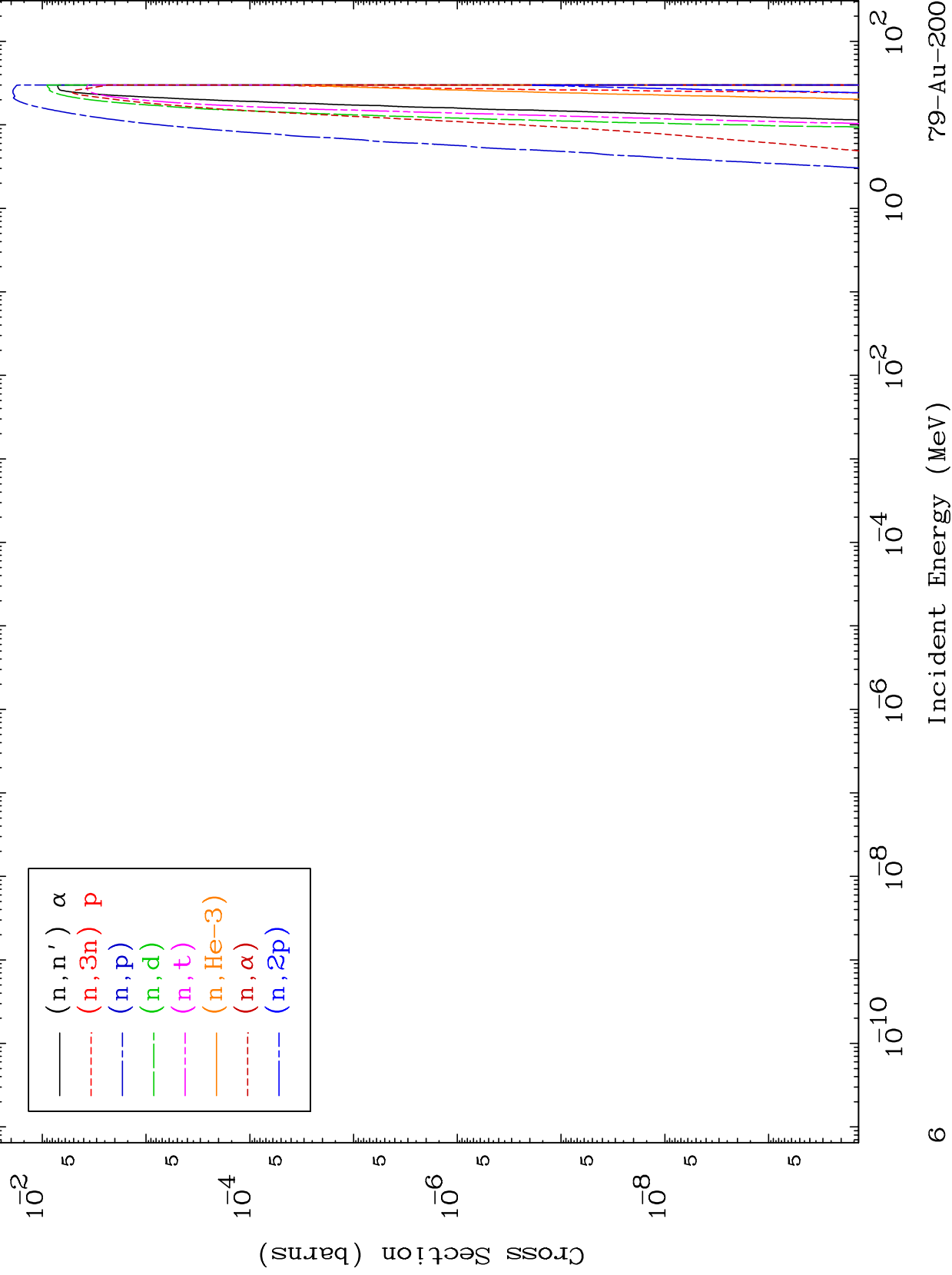
Incident Energy (MeV)

79-Au-200

MAT 7934

Charged Particle  
293 Kelvin Cross Sections

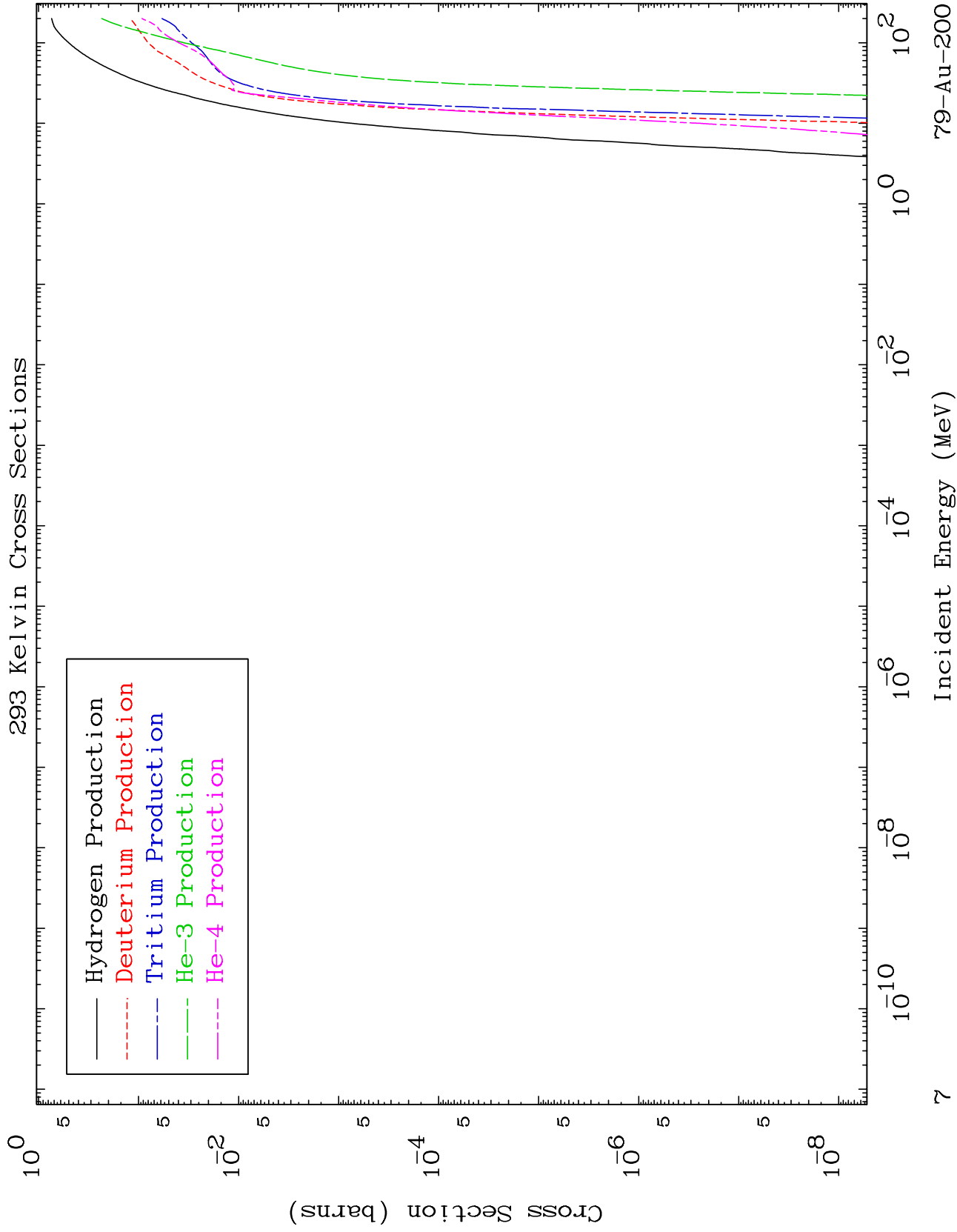
79-Au-200



MAT 7934

Particle Production  
293 Kelvin Cross Sections

79-Au-200



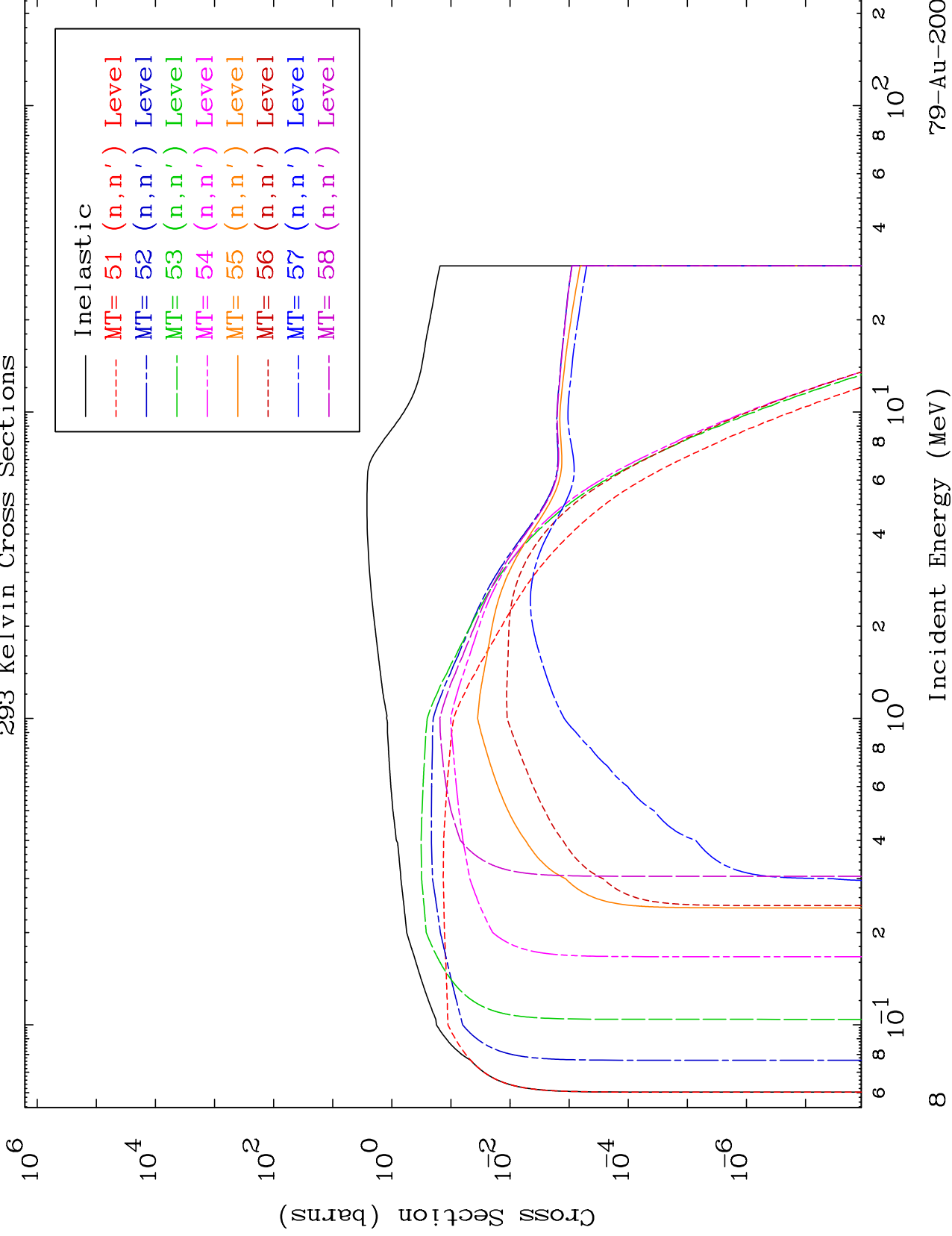


MAT 7934

(n,n') Levels

79-Au-200

293 Kelvin Cross Sections

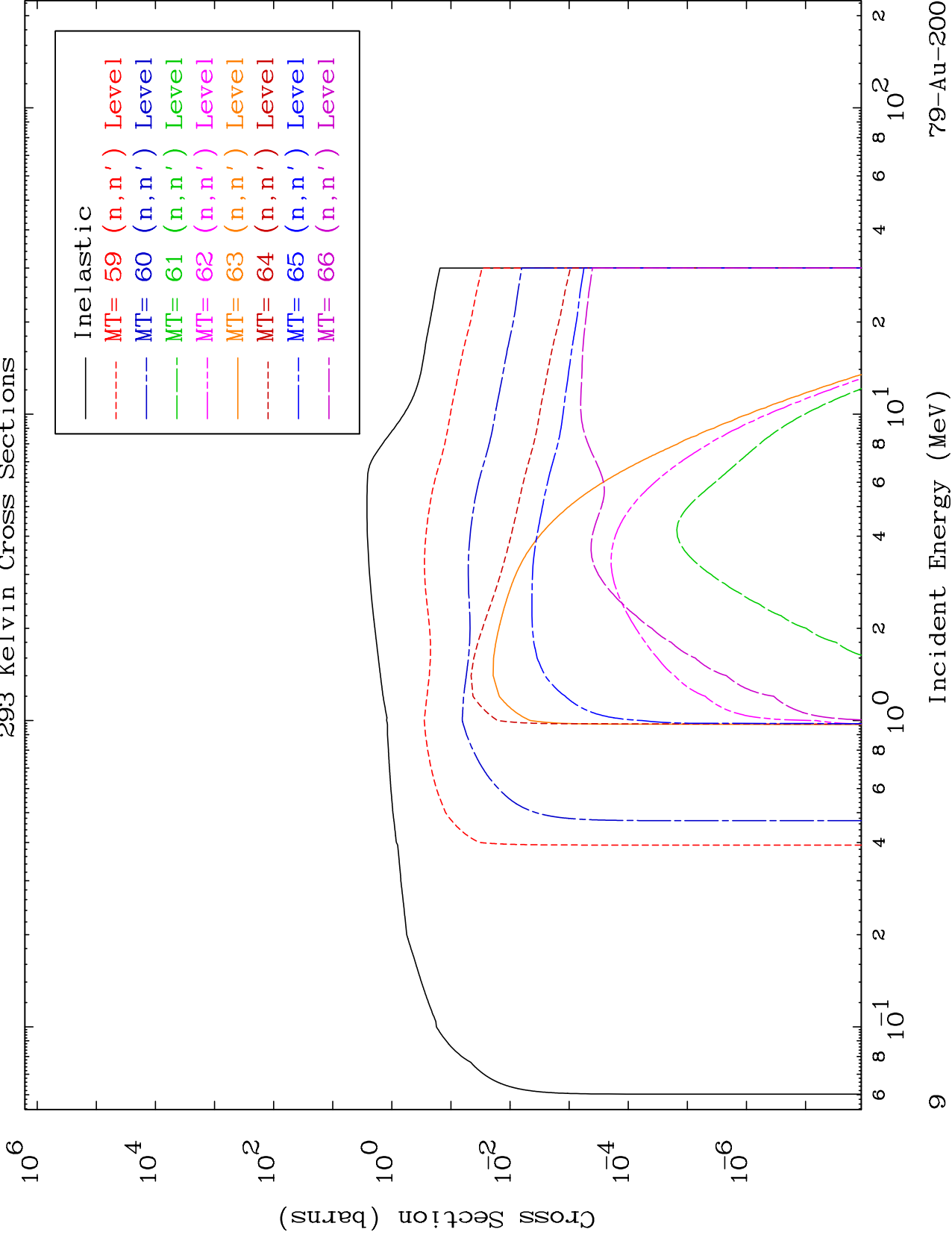


MAT 7934

(n,n') Levels

79-Au-200

293 Kelvin Cross Sections

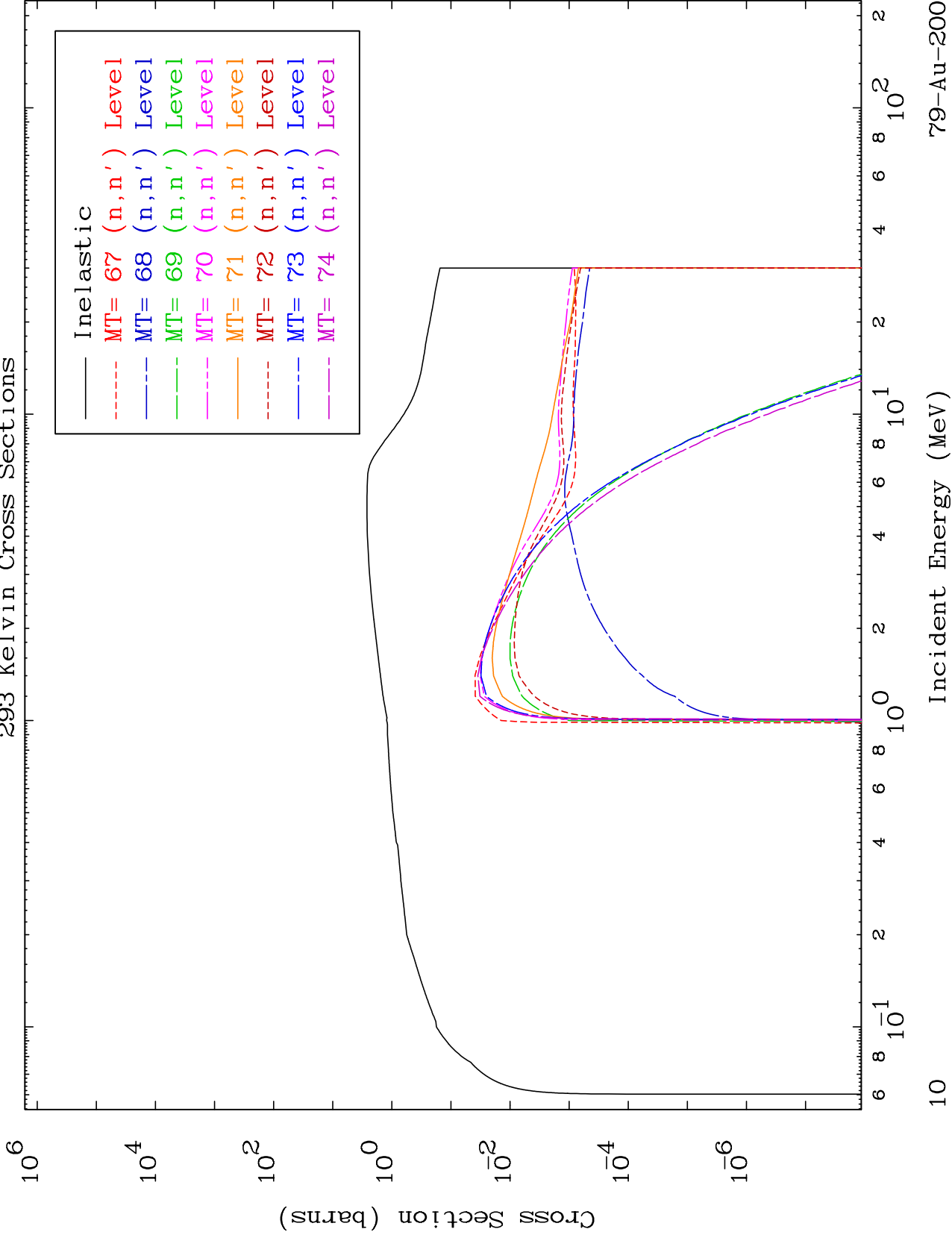


MAT 7934

(n,n') Levels

293 Kelvin Cross Sections

79-Au-200



10

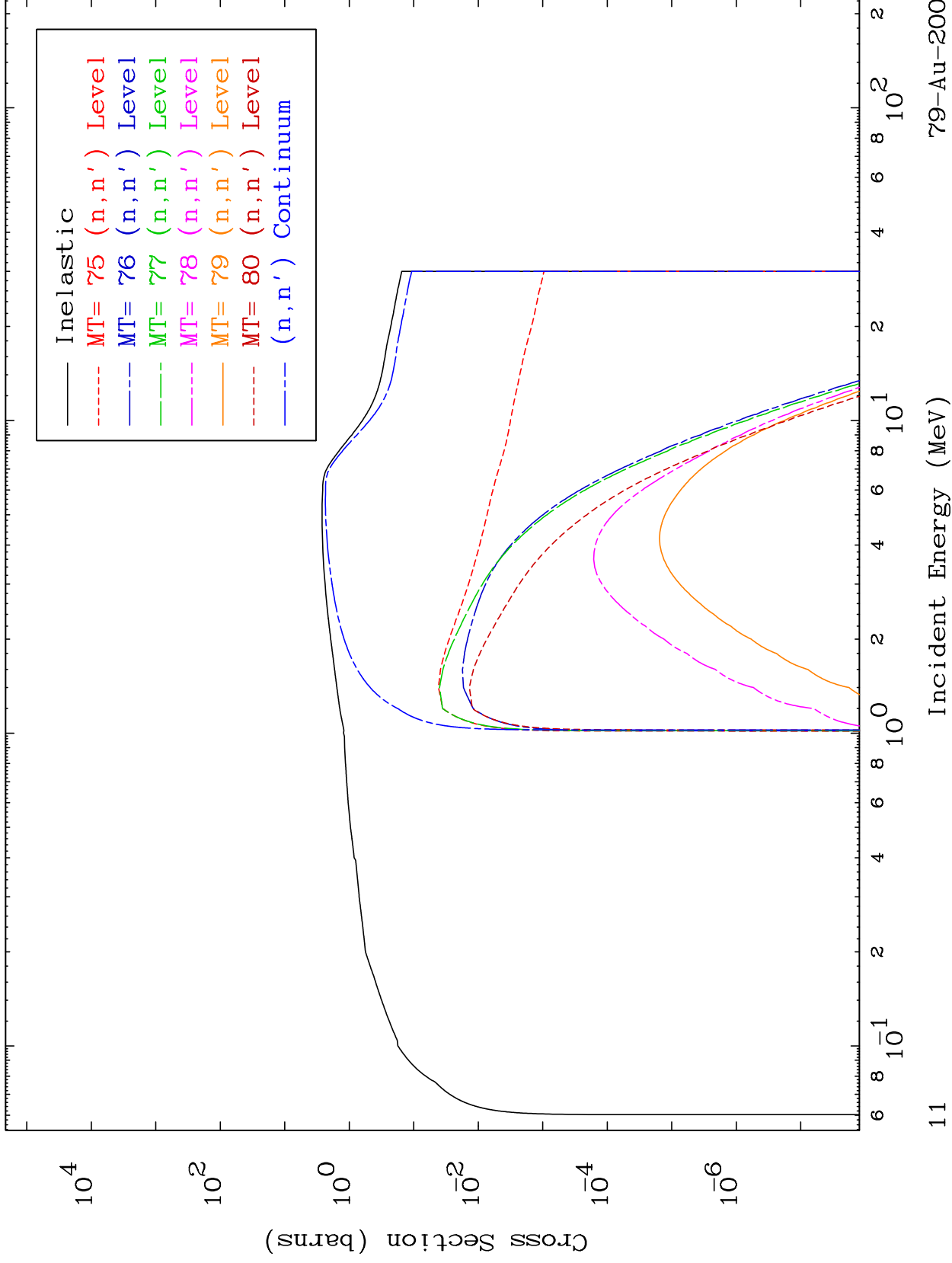
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,n') Levels  
293 Kelvin Cross Sections

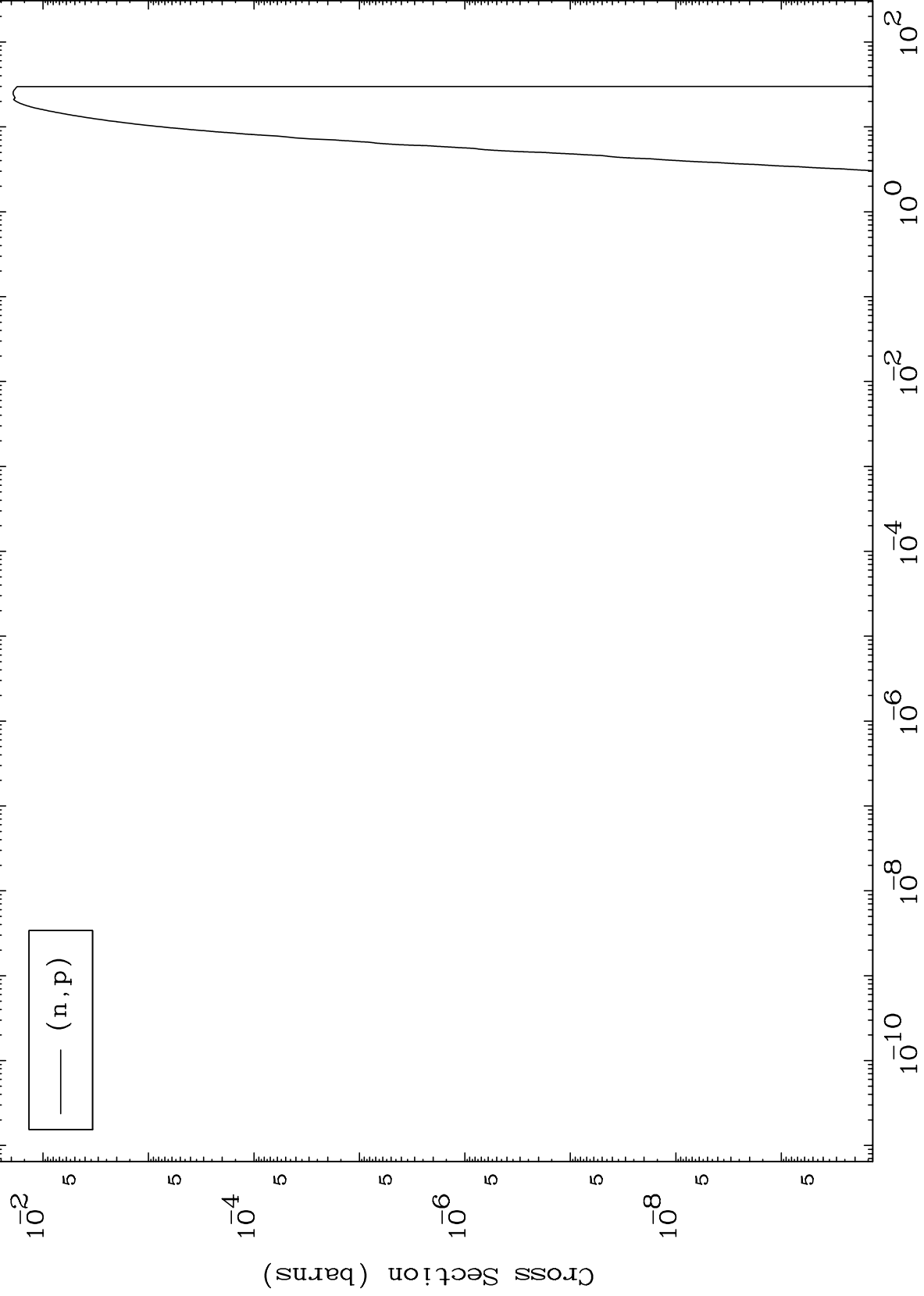
79-Au-200



MAT 7934

(n,p) Levels  
293 Kelvin Cross Sections

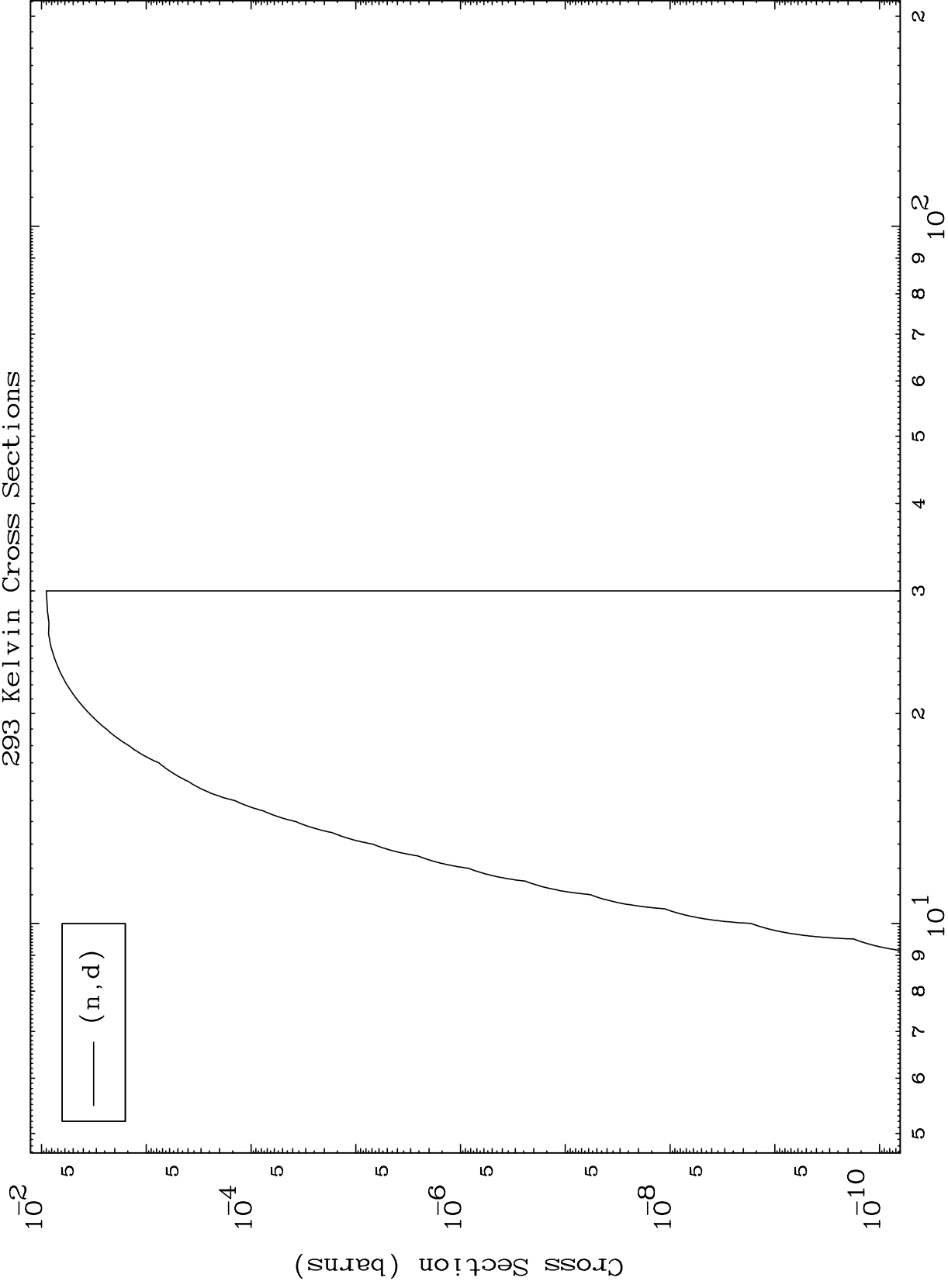
79-Au-200



MAT 7934

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-200



13

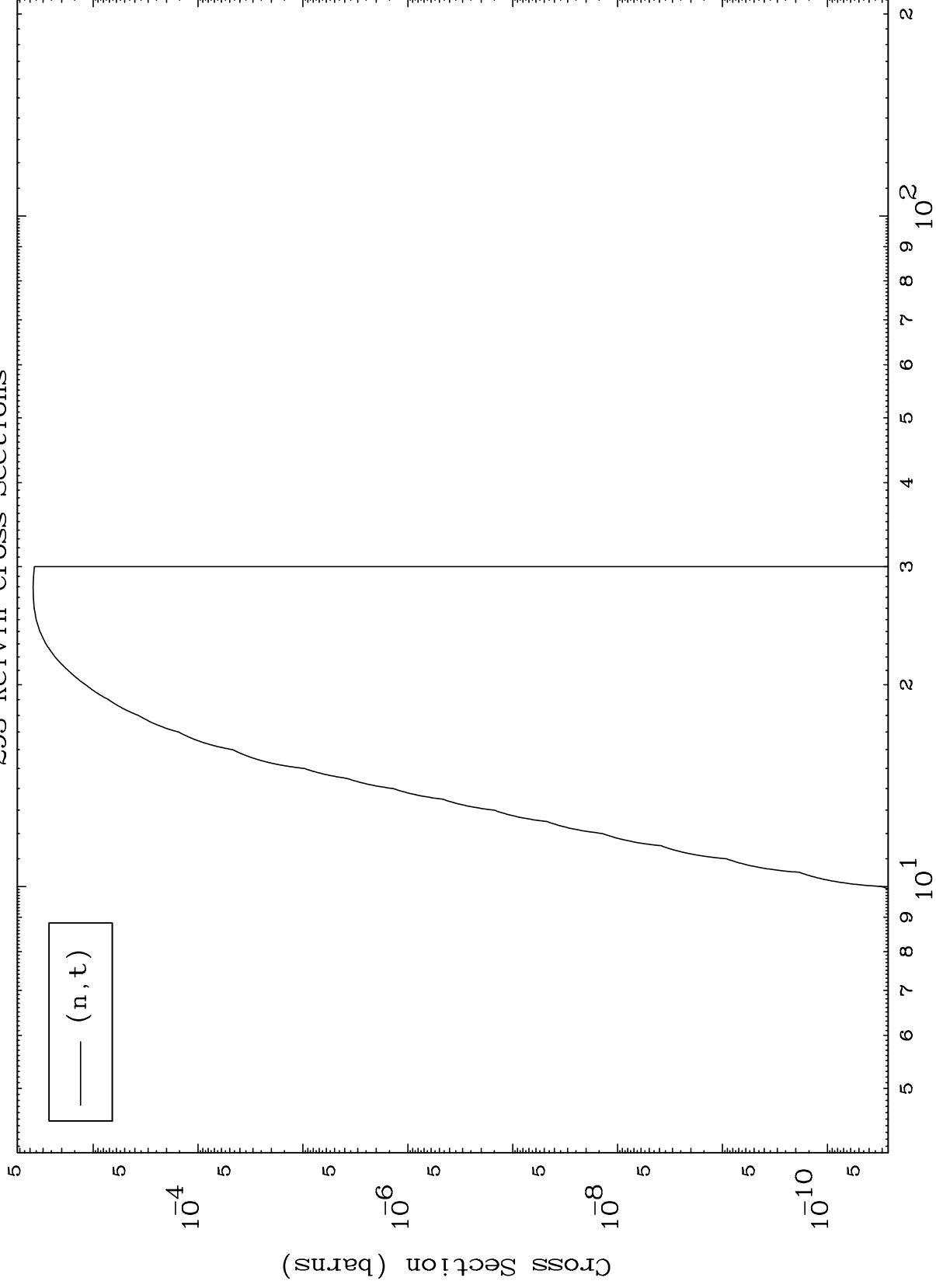
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-200



14

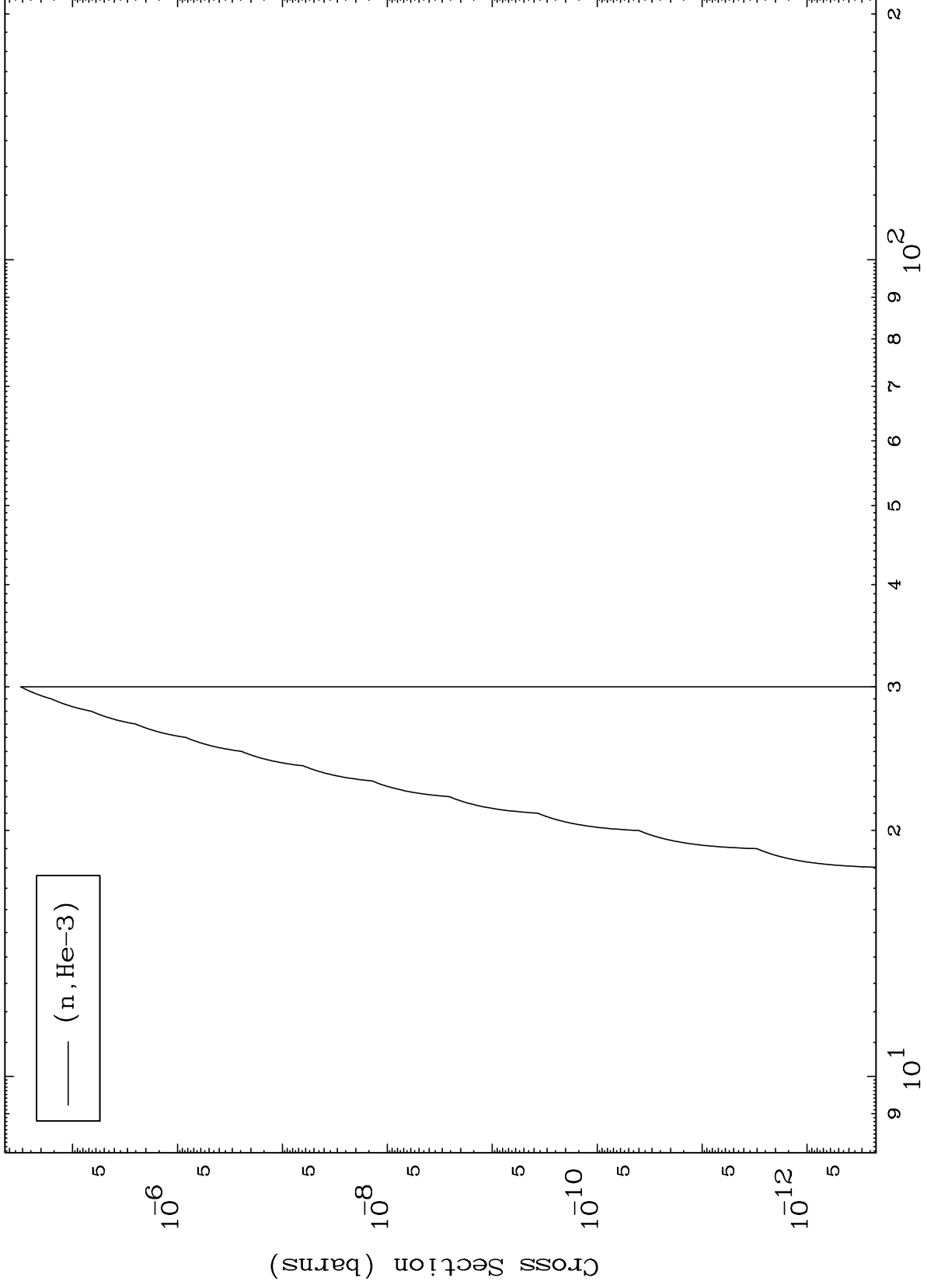
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-200



15

Incident Energy (MeV)

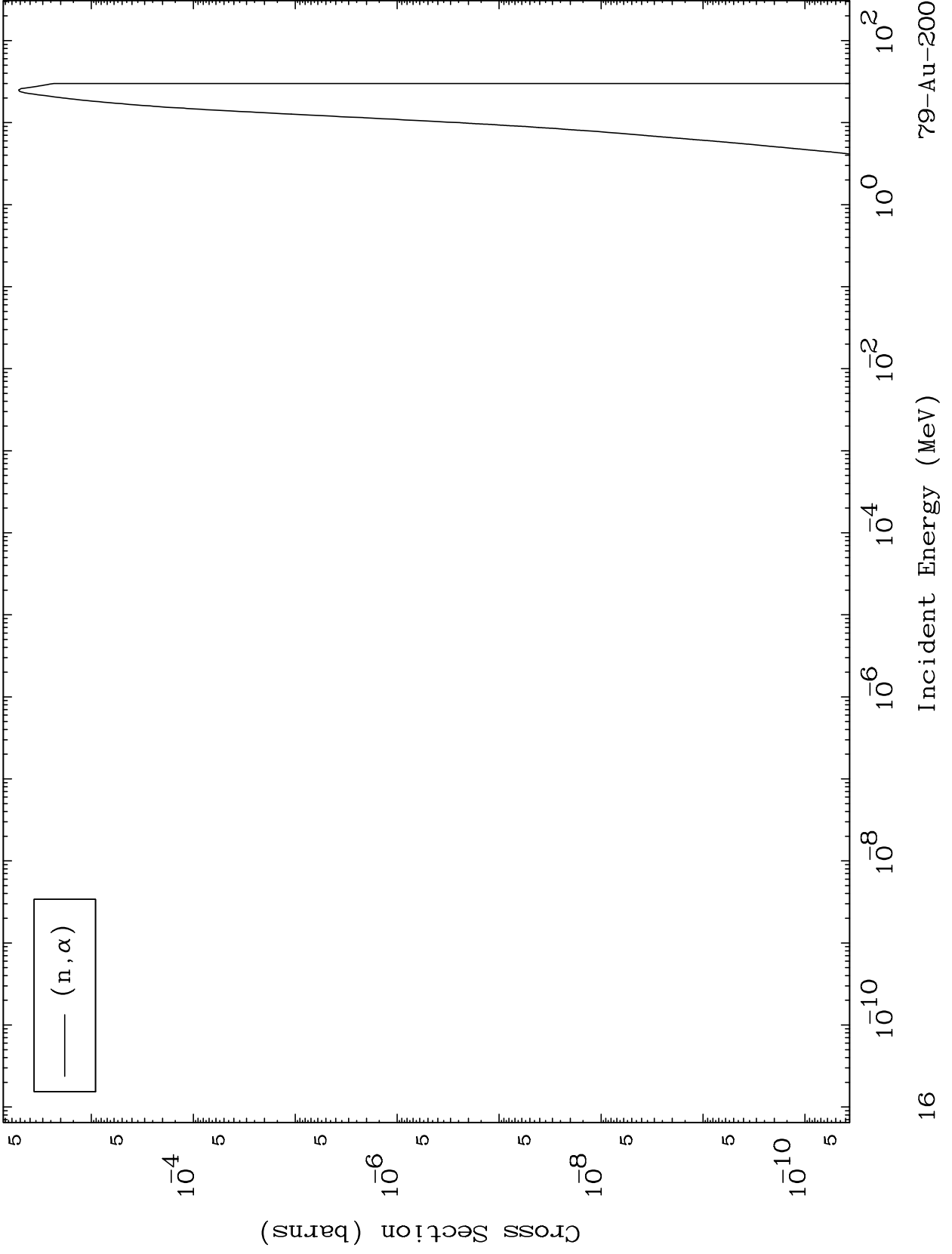
79-Au-200



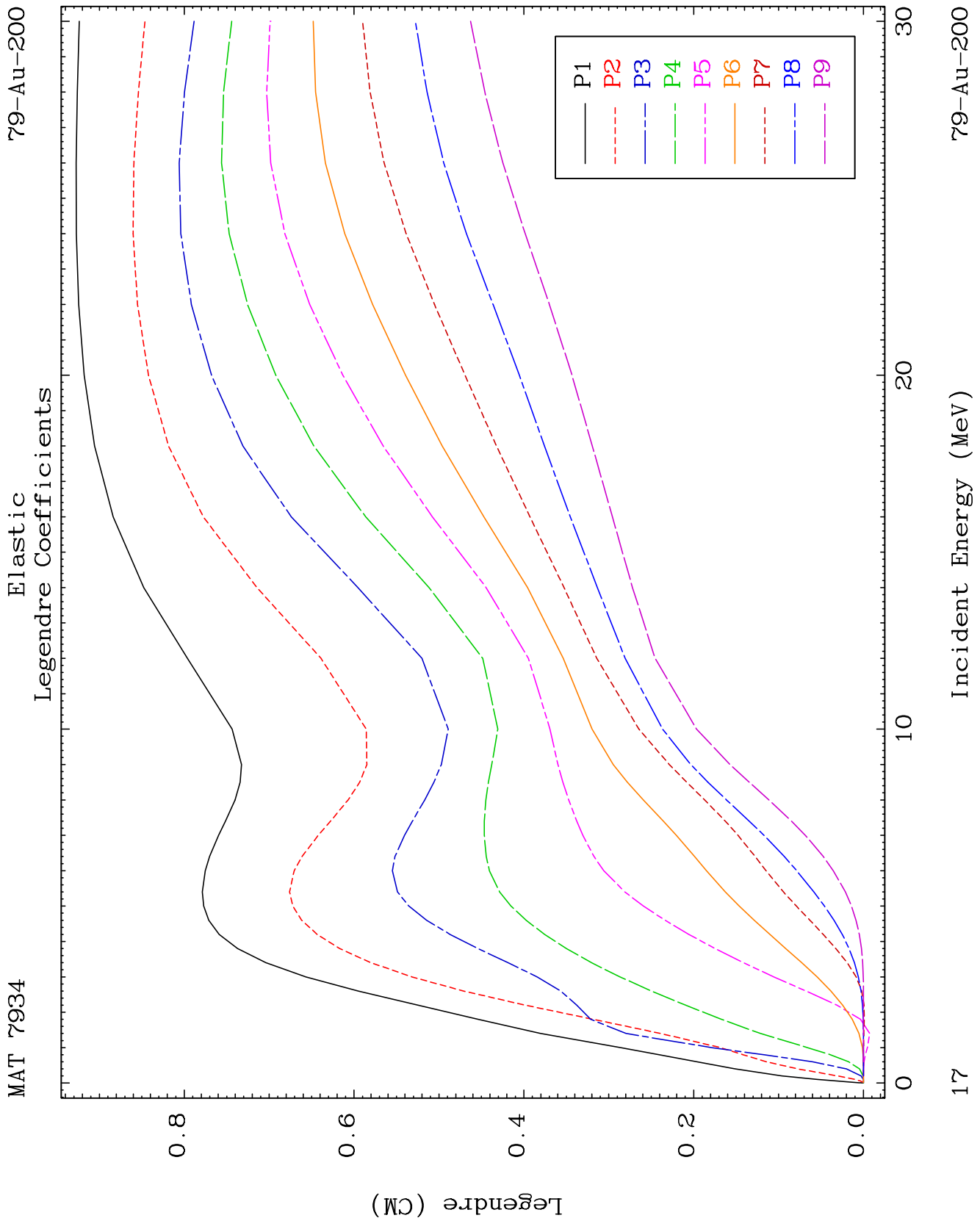
MAT 7934

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

79-Au-200



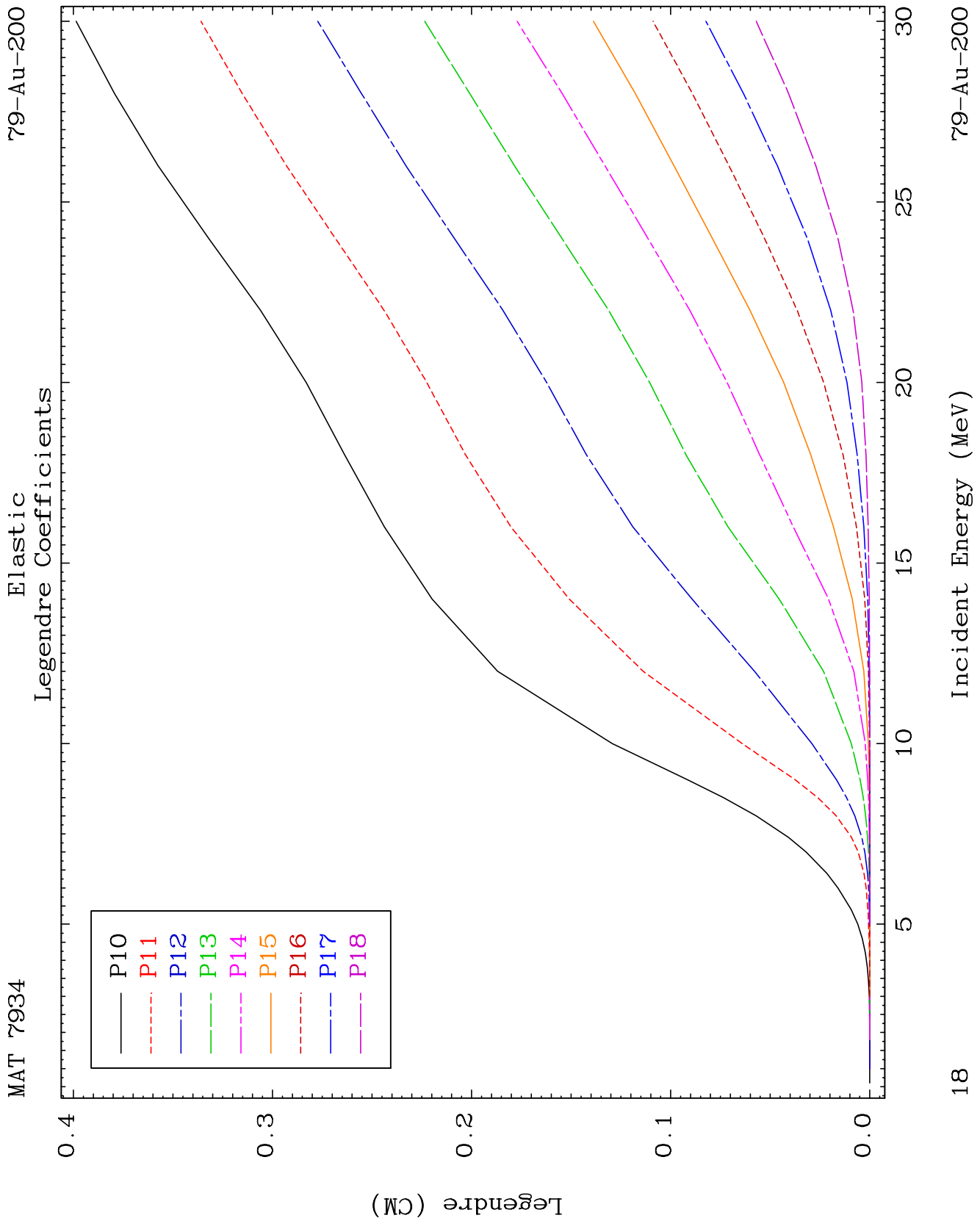
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79-Au-200

Incident Energy (MeV)

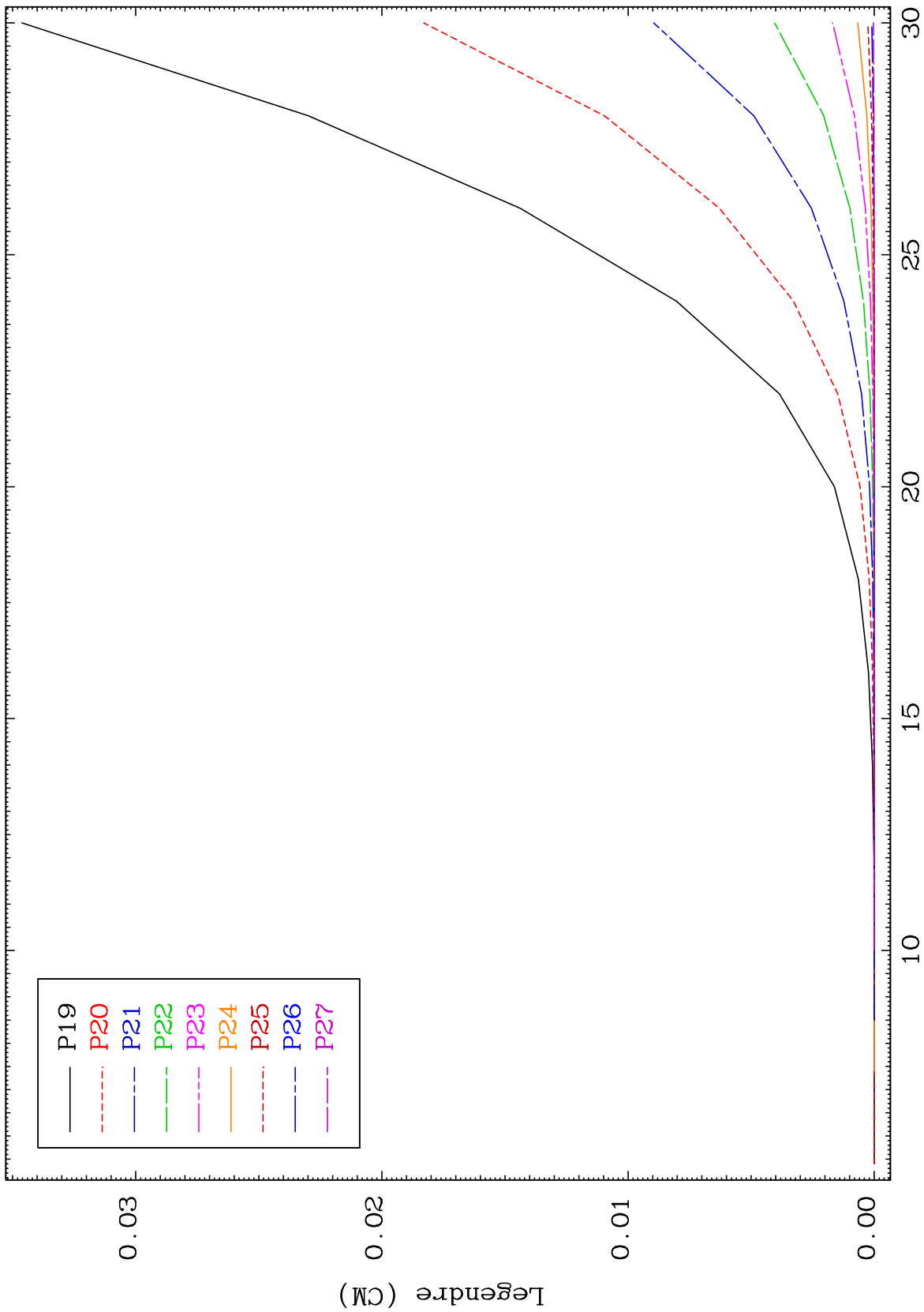
17



MAT 7934

### Elastic Legendre Coefficients

79-Au-200

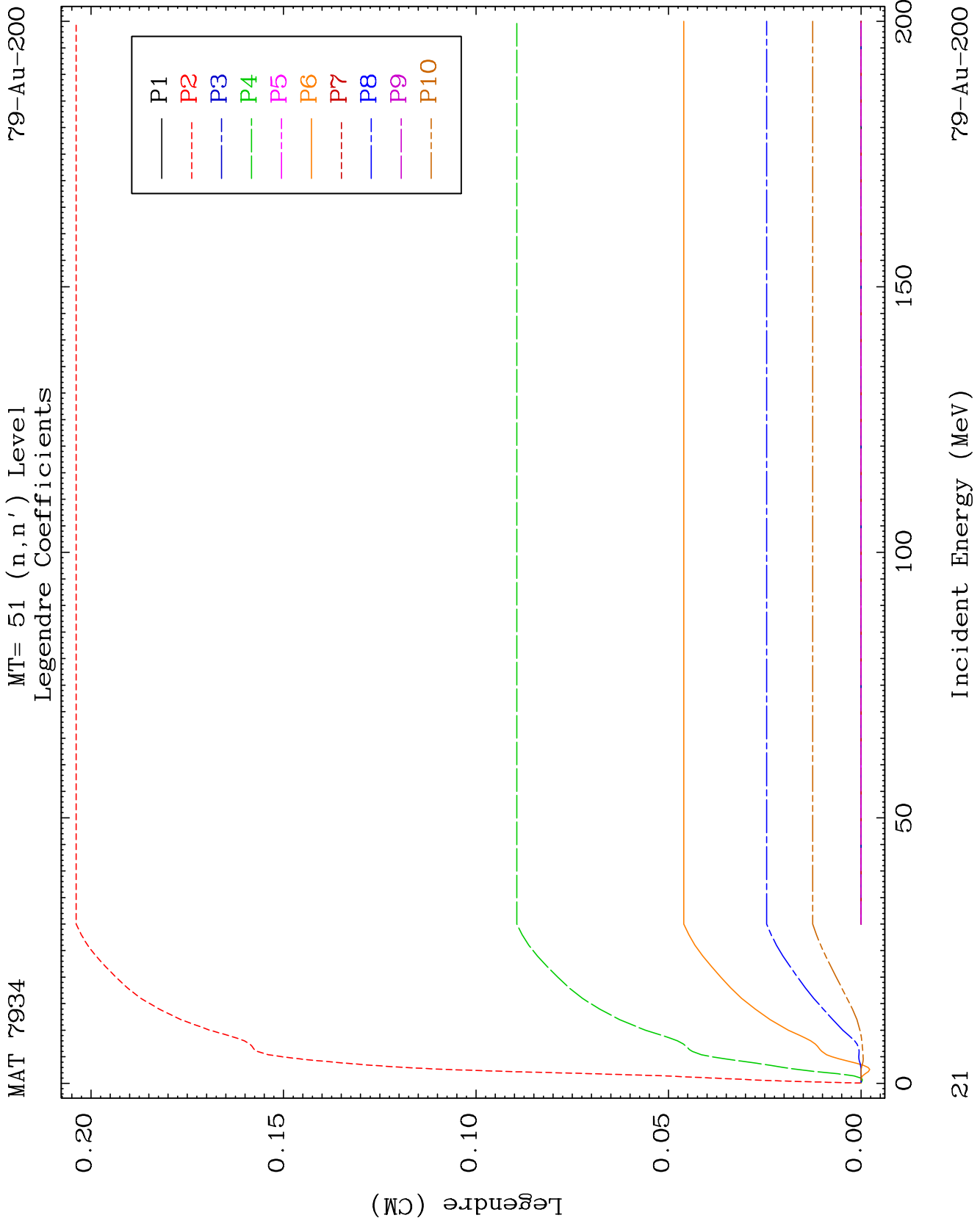


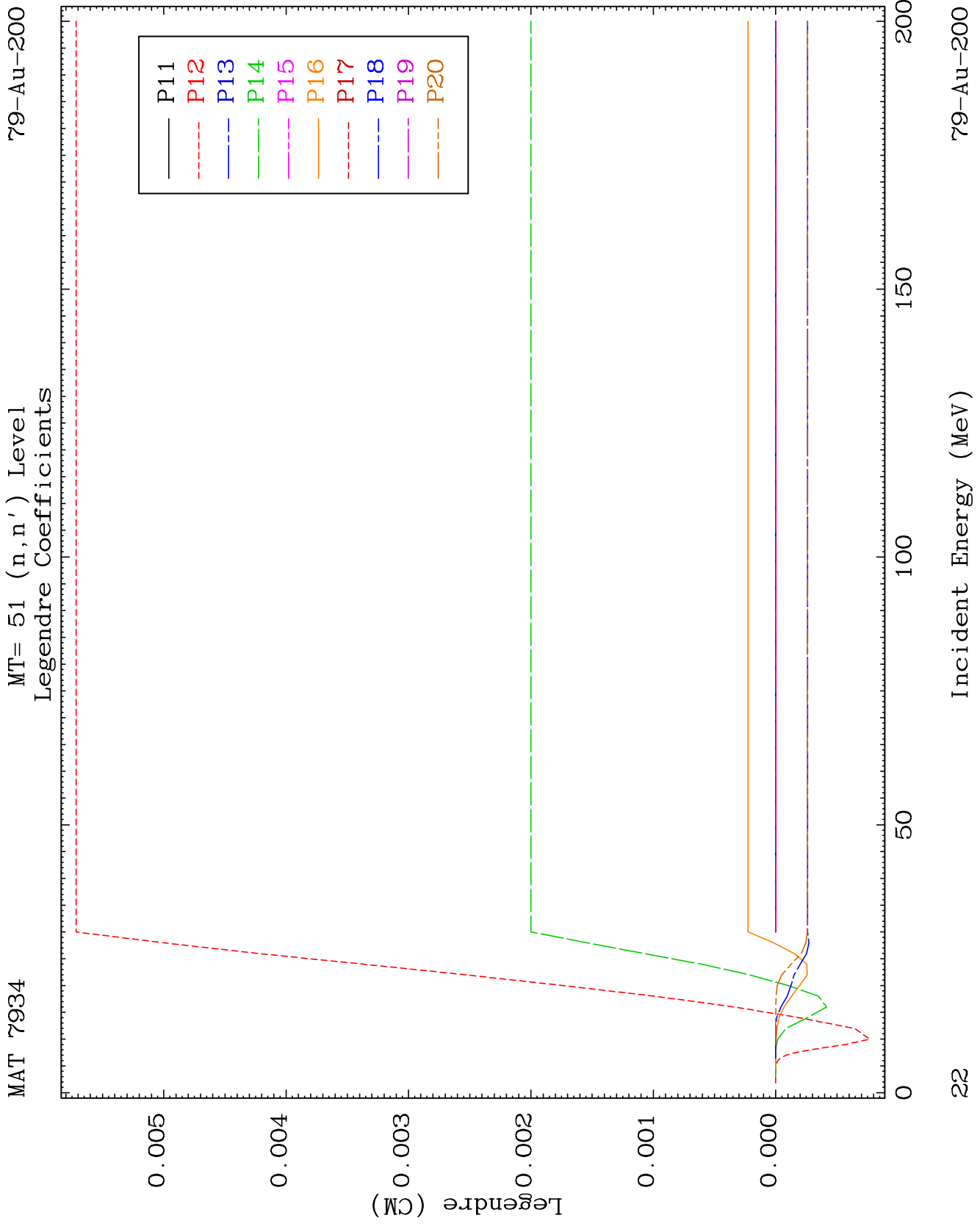
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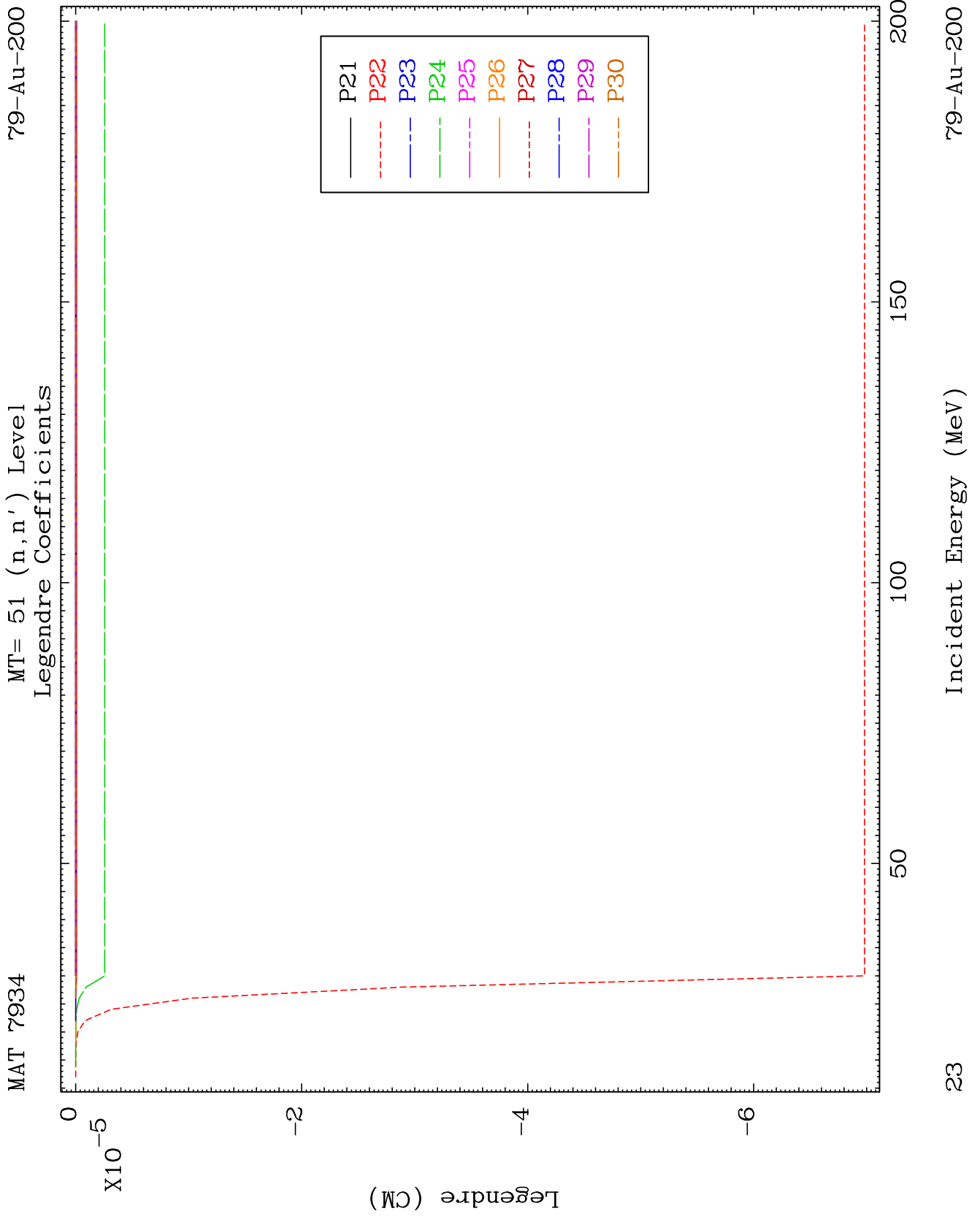
Incident Energy (MeV)

79-Au-200

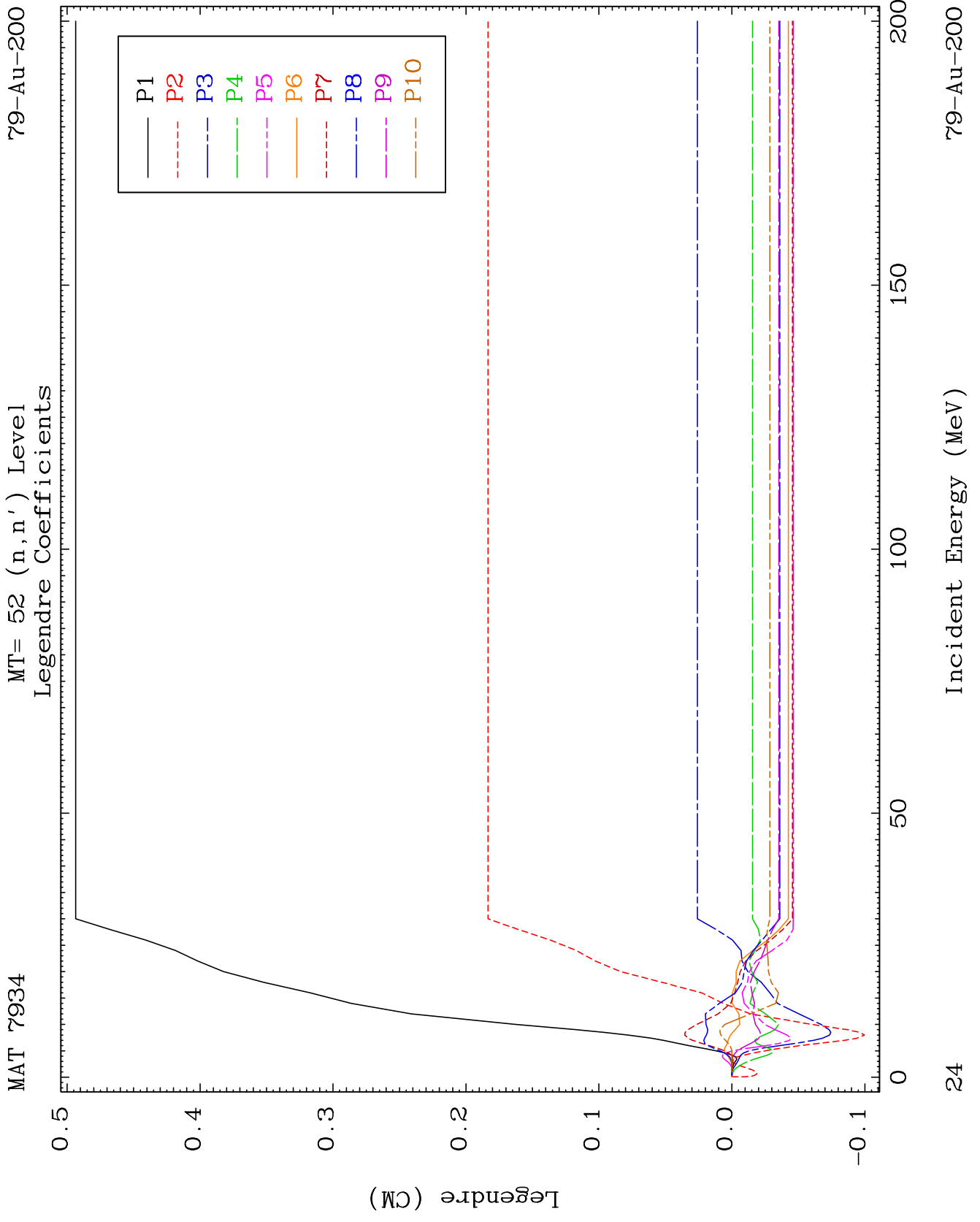








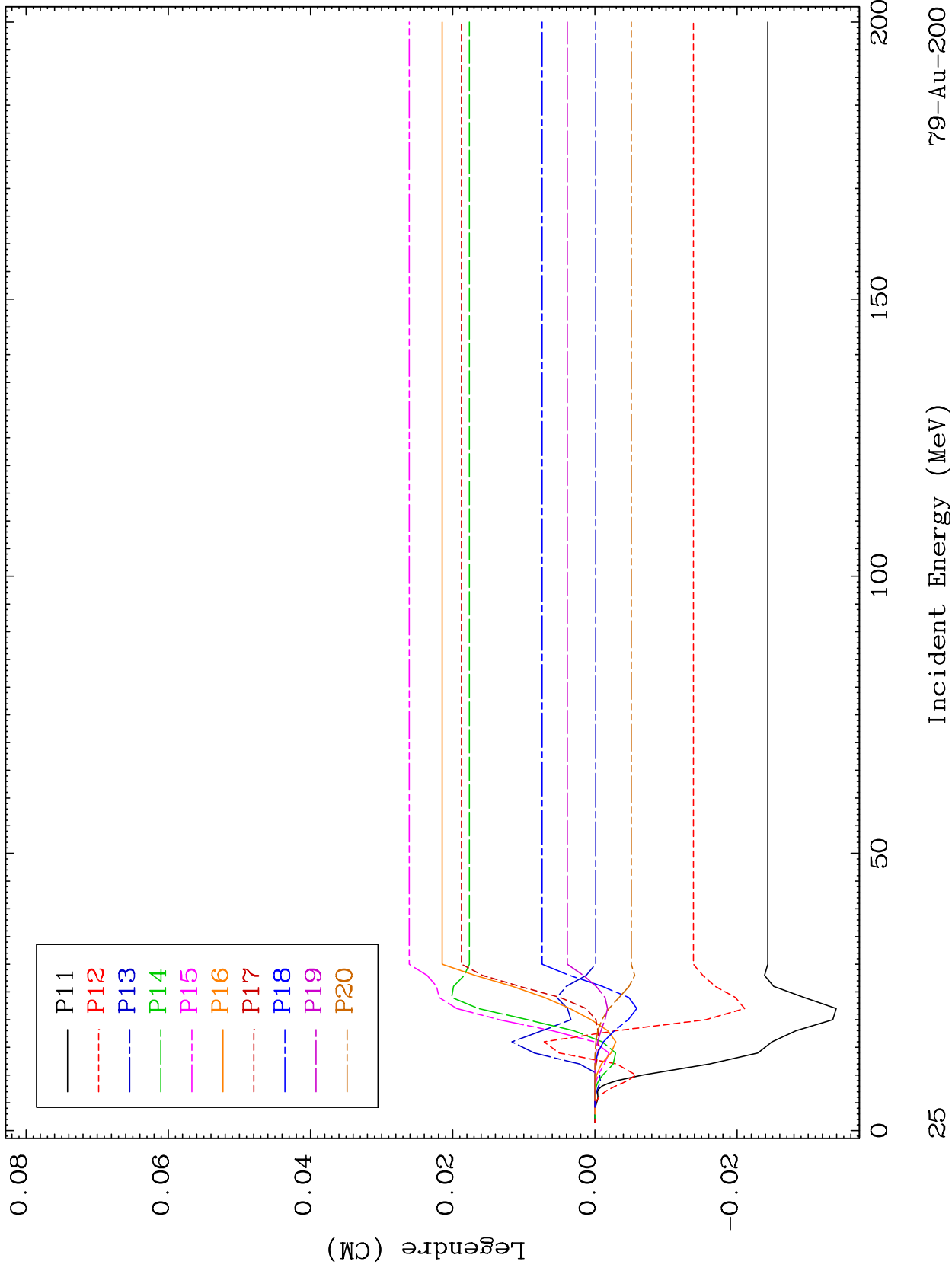




MAT 7934

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

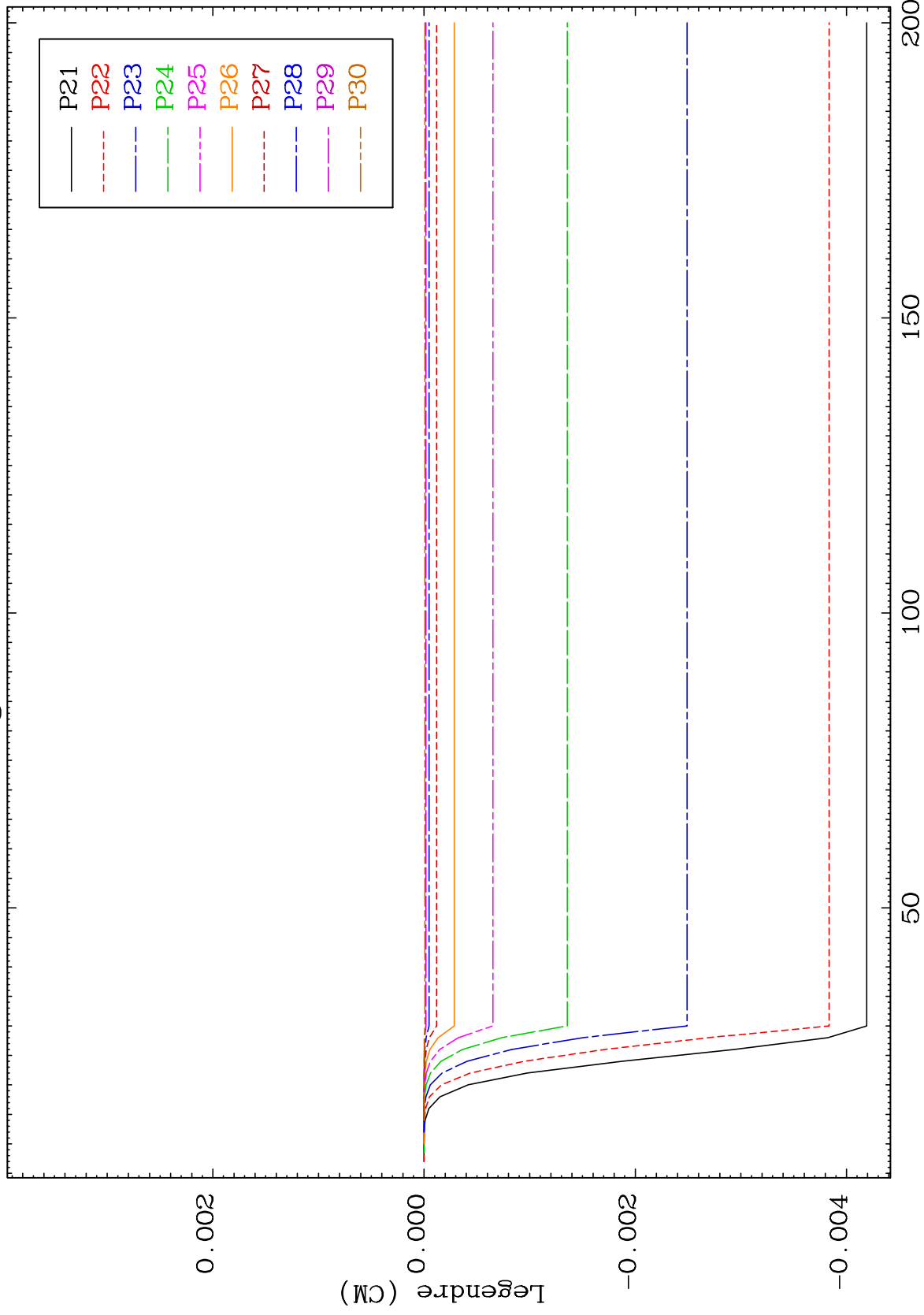
79-Au-200



MAT 7934

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

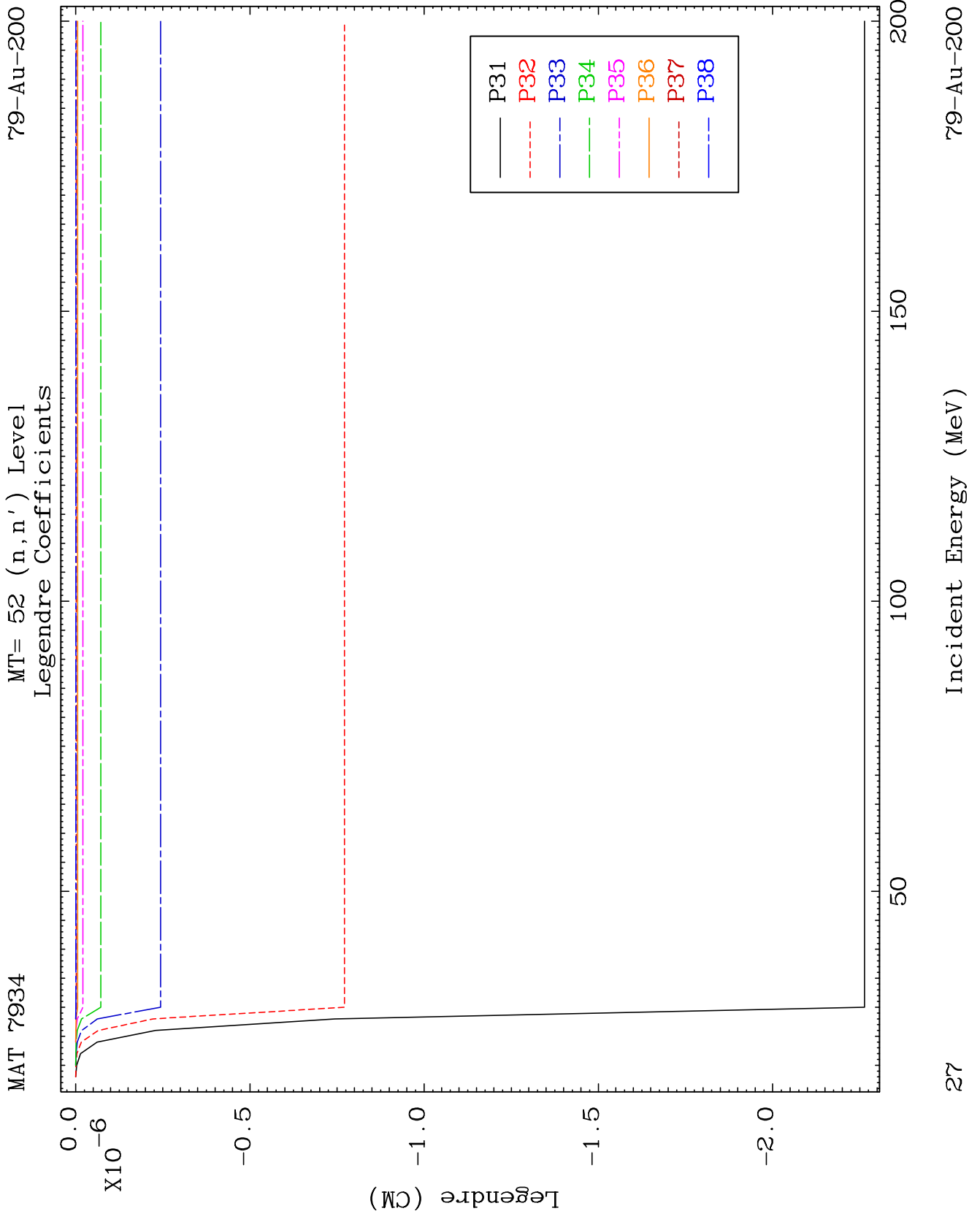
79-Au-200



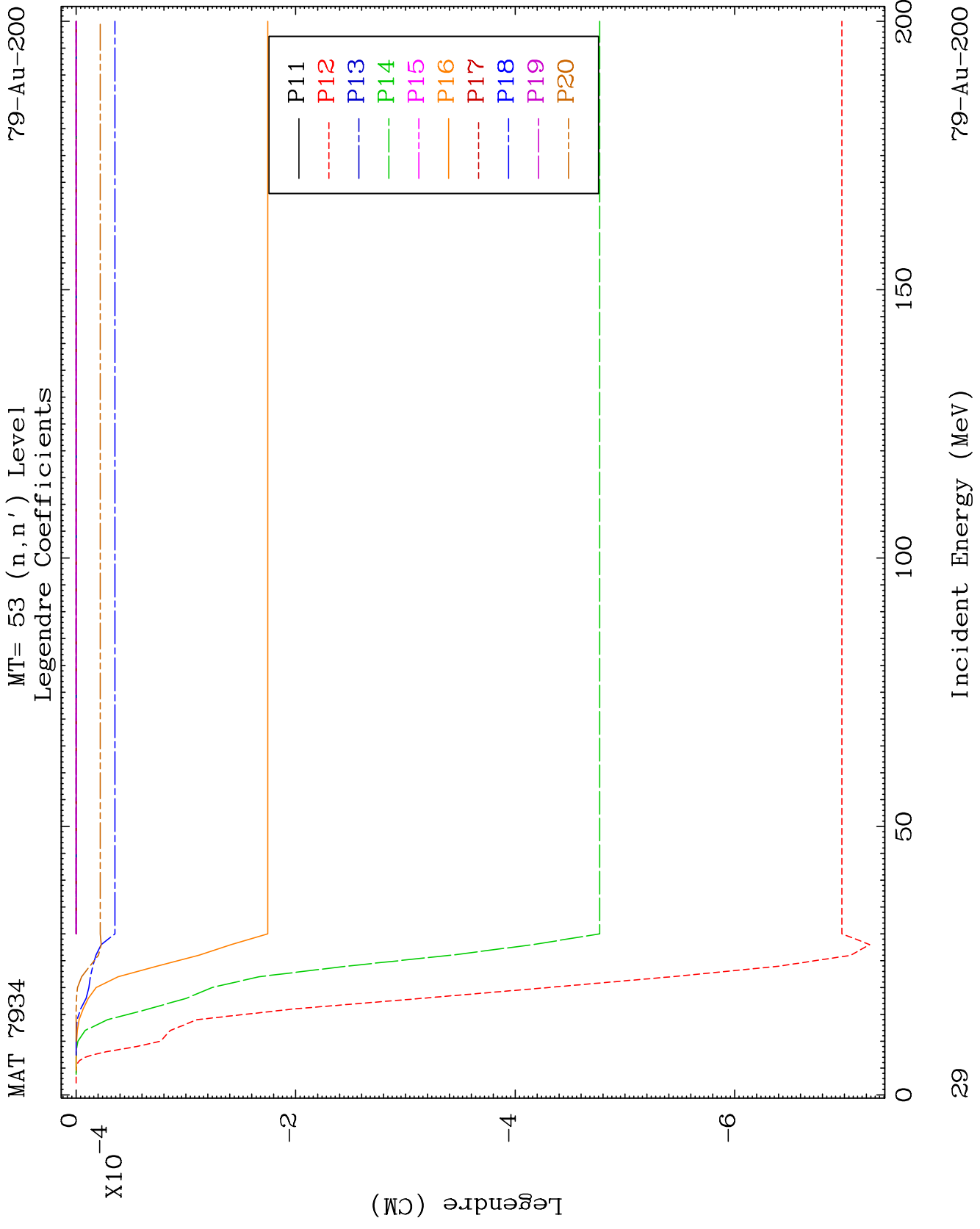
26

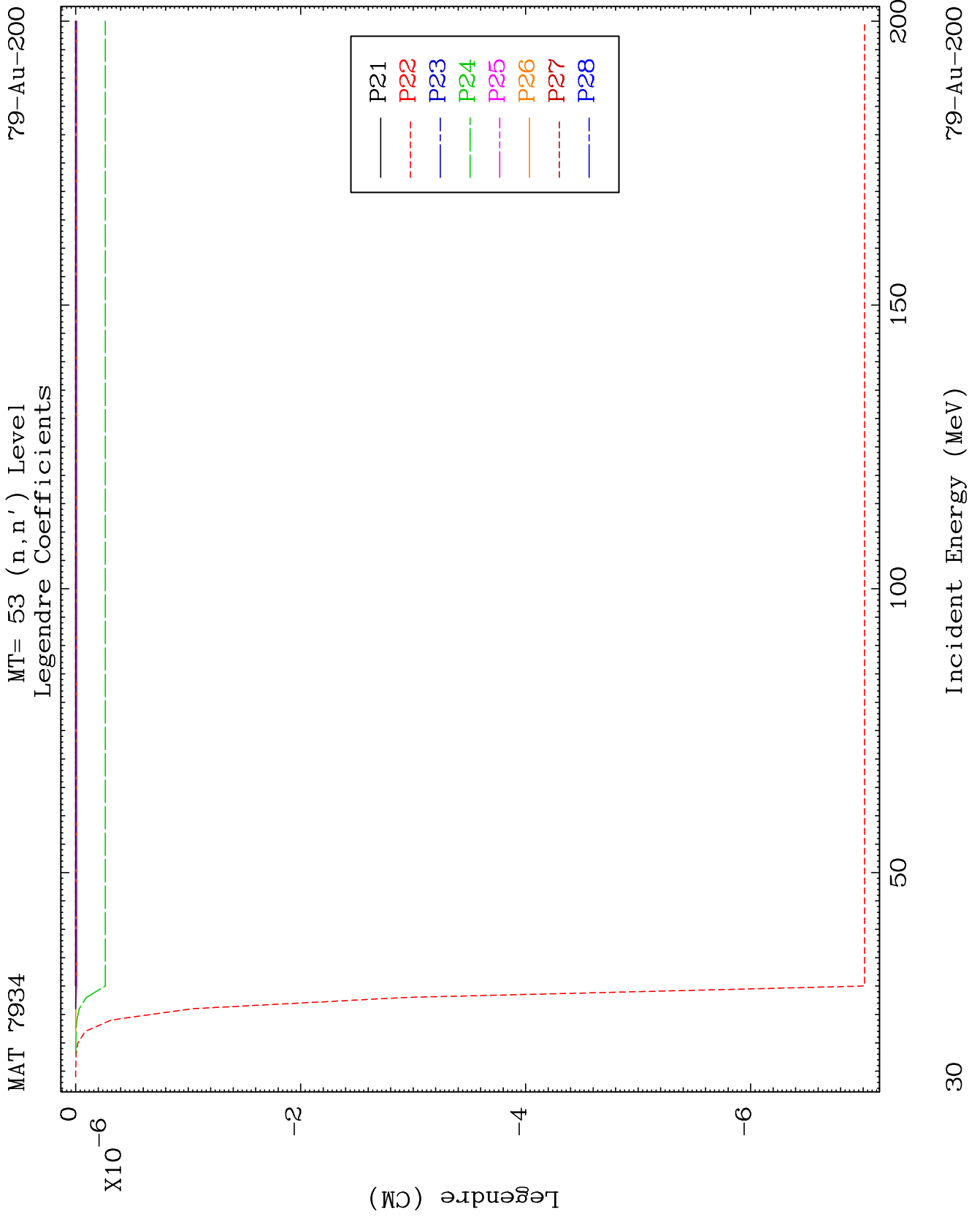
Incident Energy (MeV)

79-Au-200





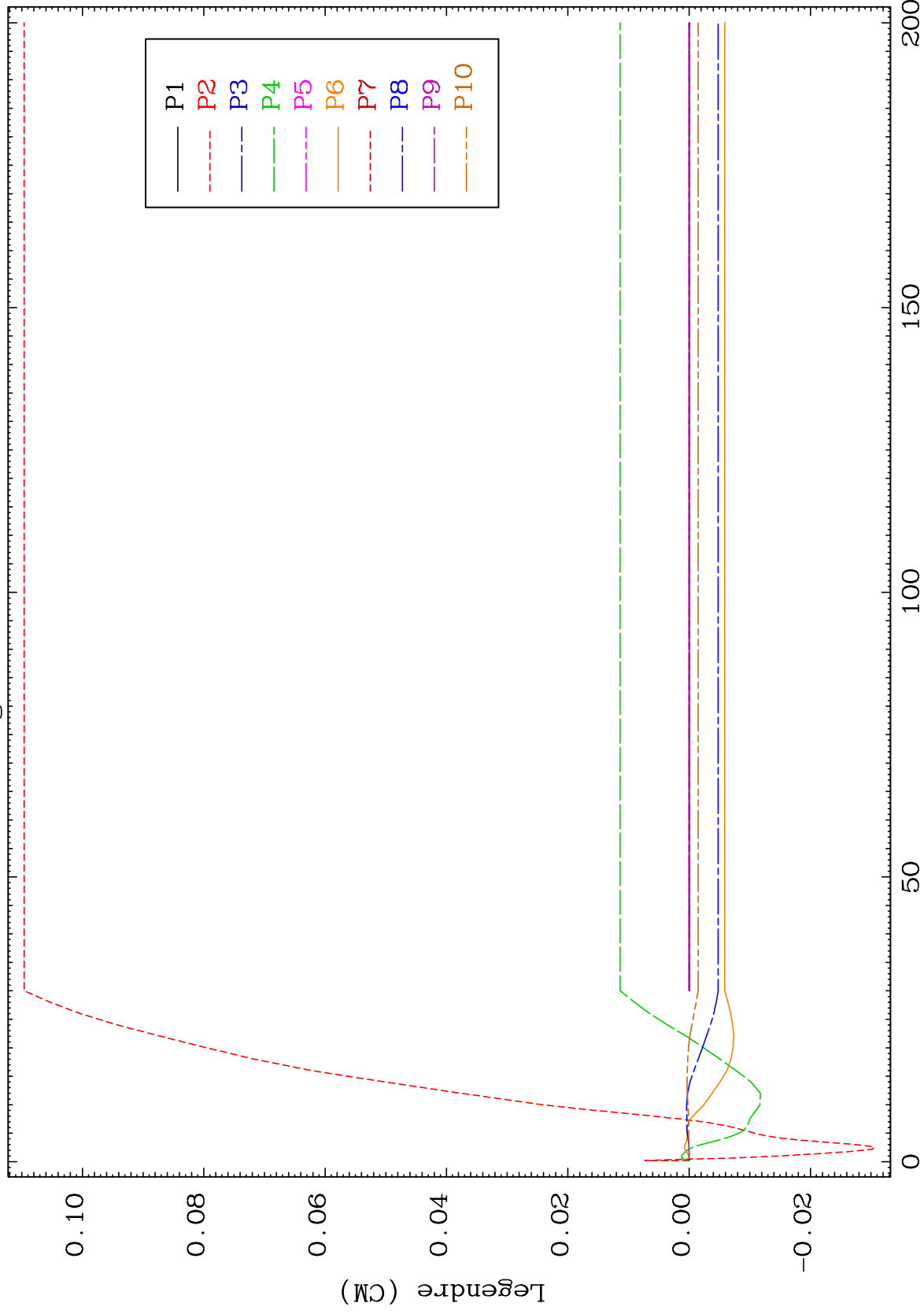




MAT 7934

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

79-Au-200

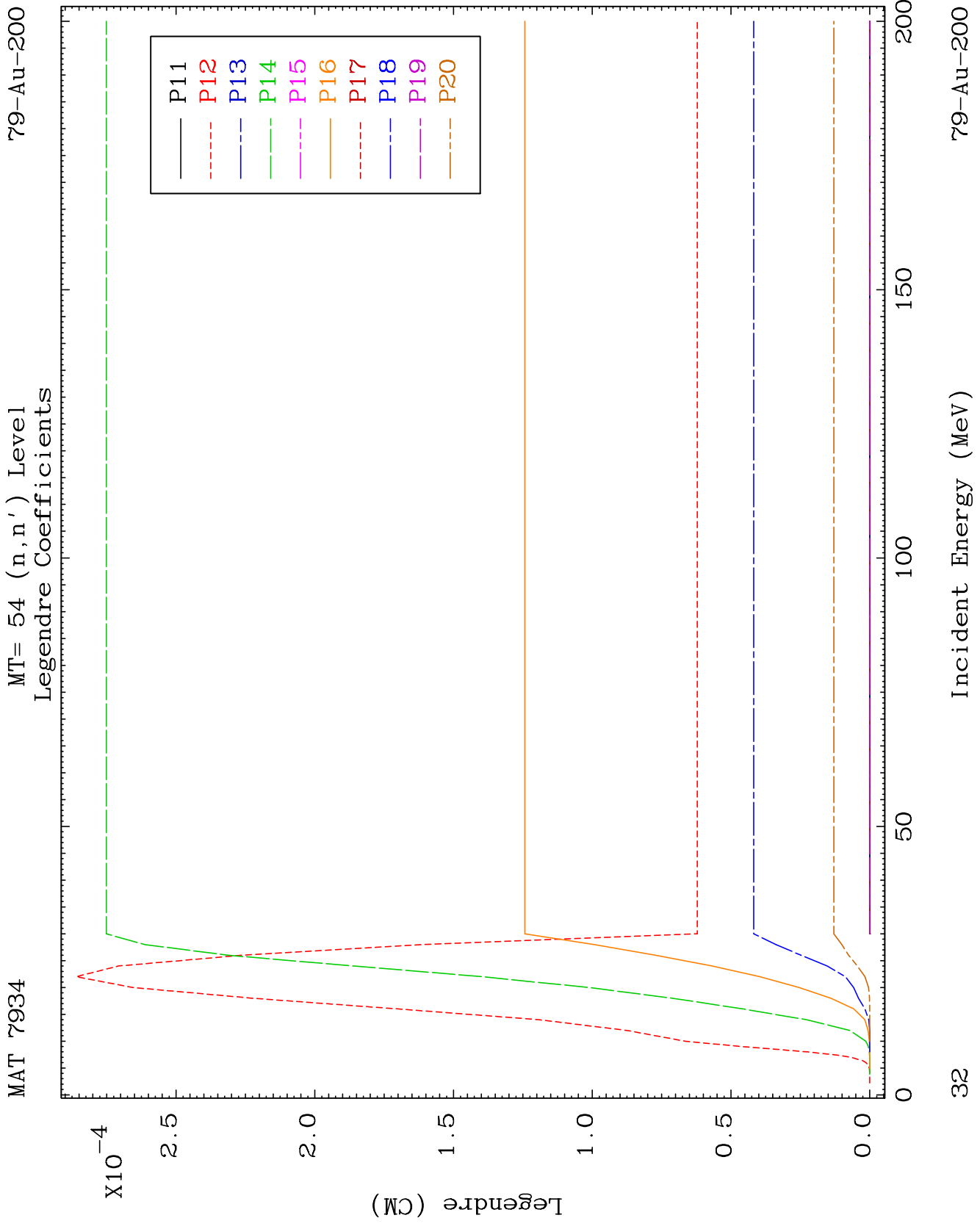


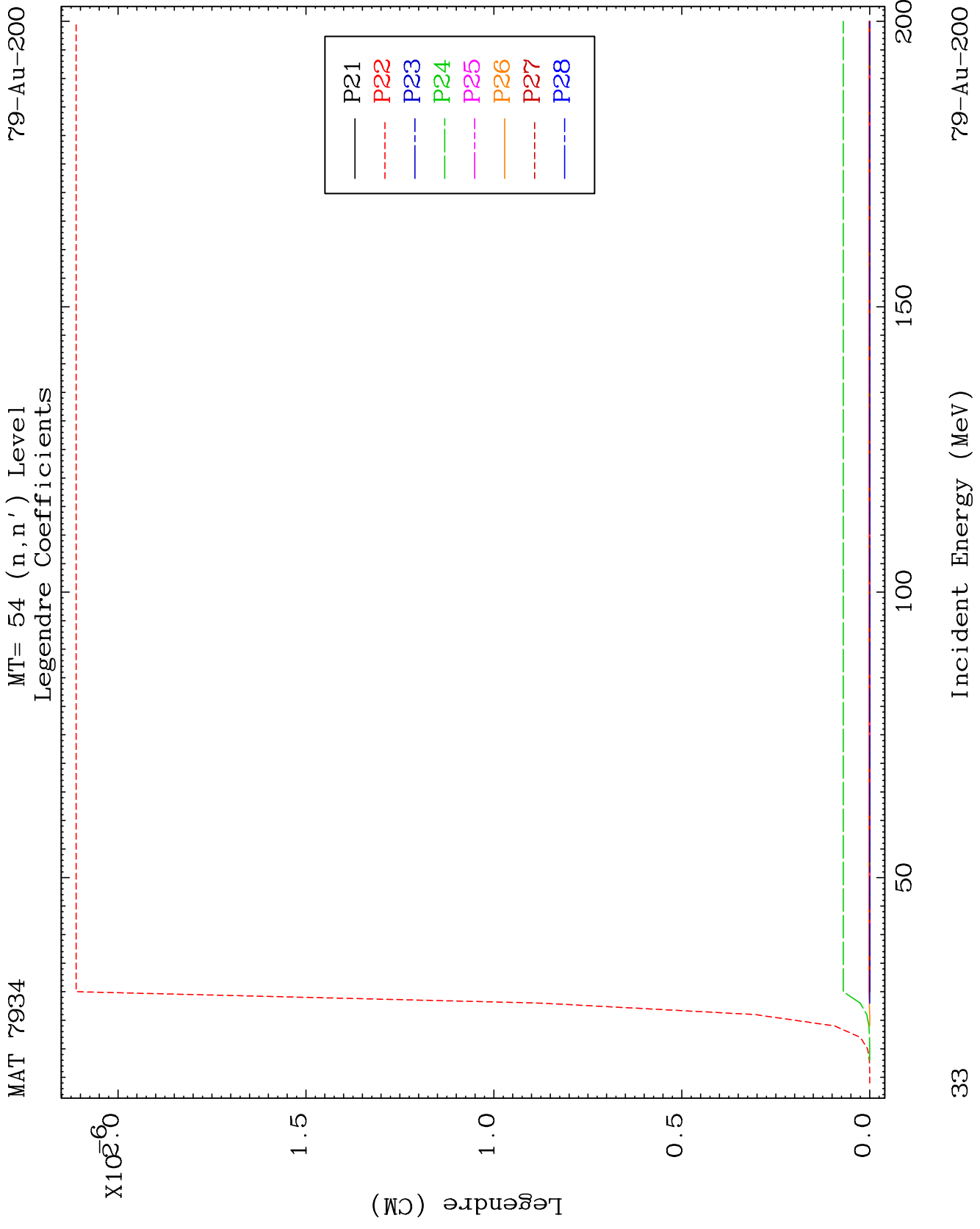
79-Au-200

Incident Energy (MeV)

31



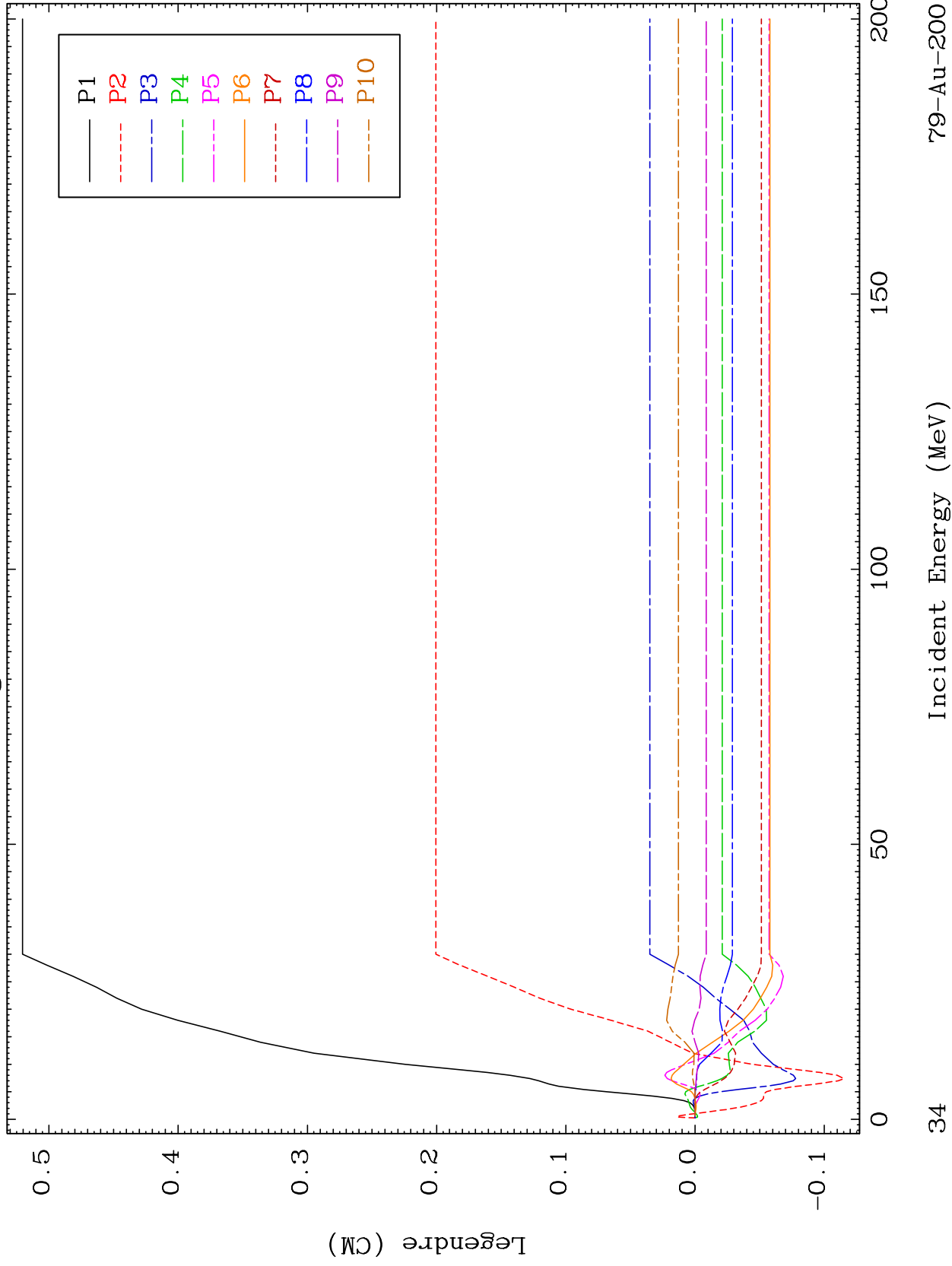




MAT 7934

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

79-Au-200



34

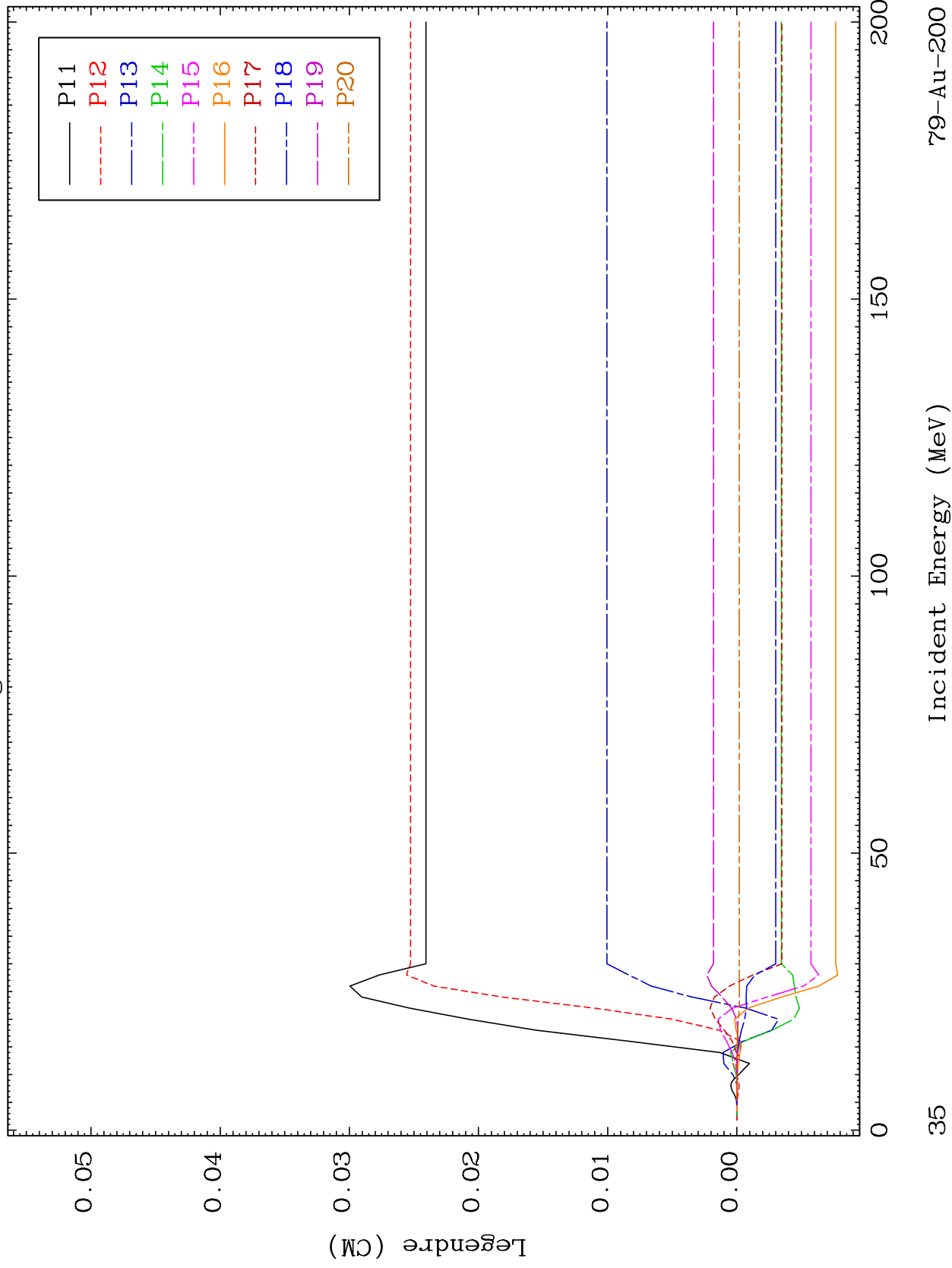
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



79-Au-200

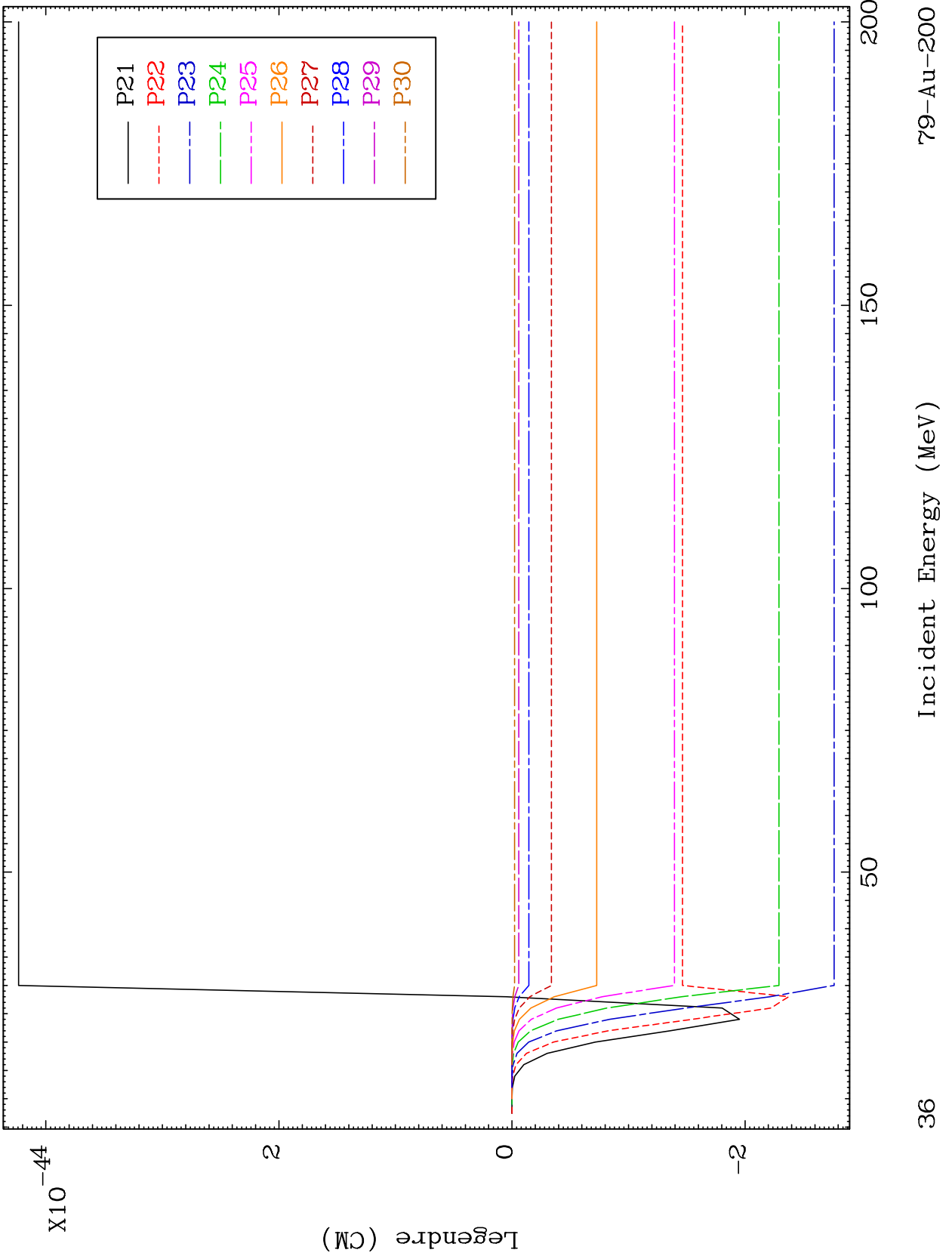
Incident Energy (MeV)

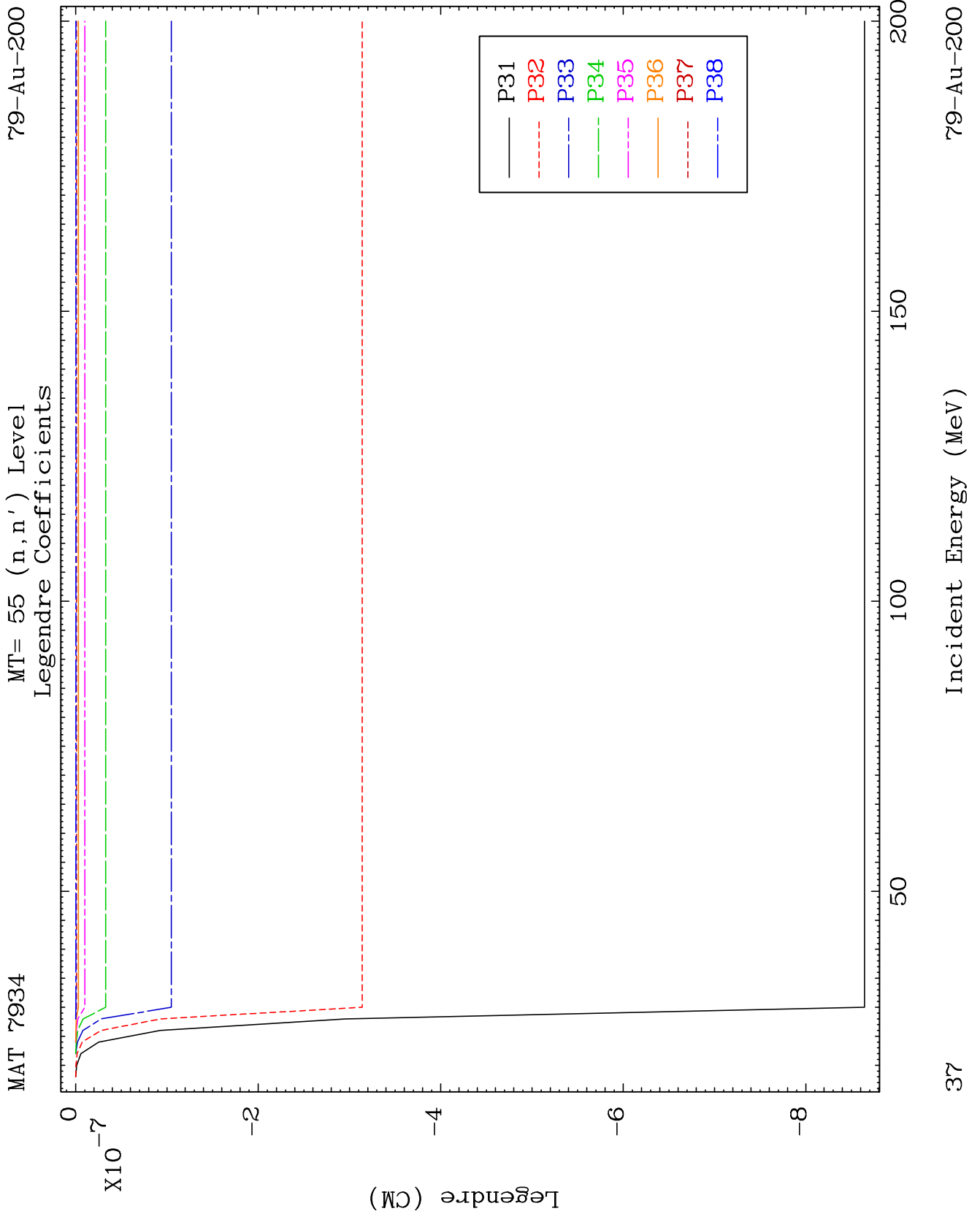
35

MAT 7934

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

79-Au-200



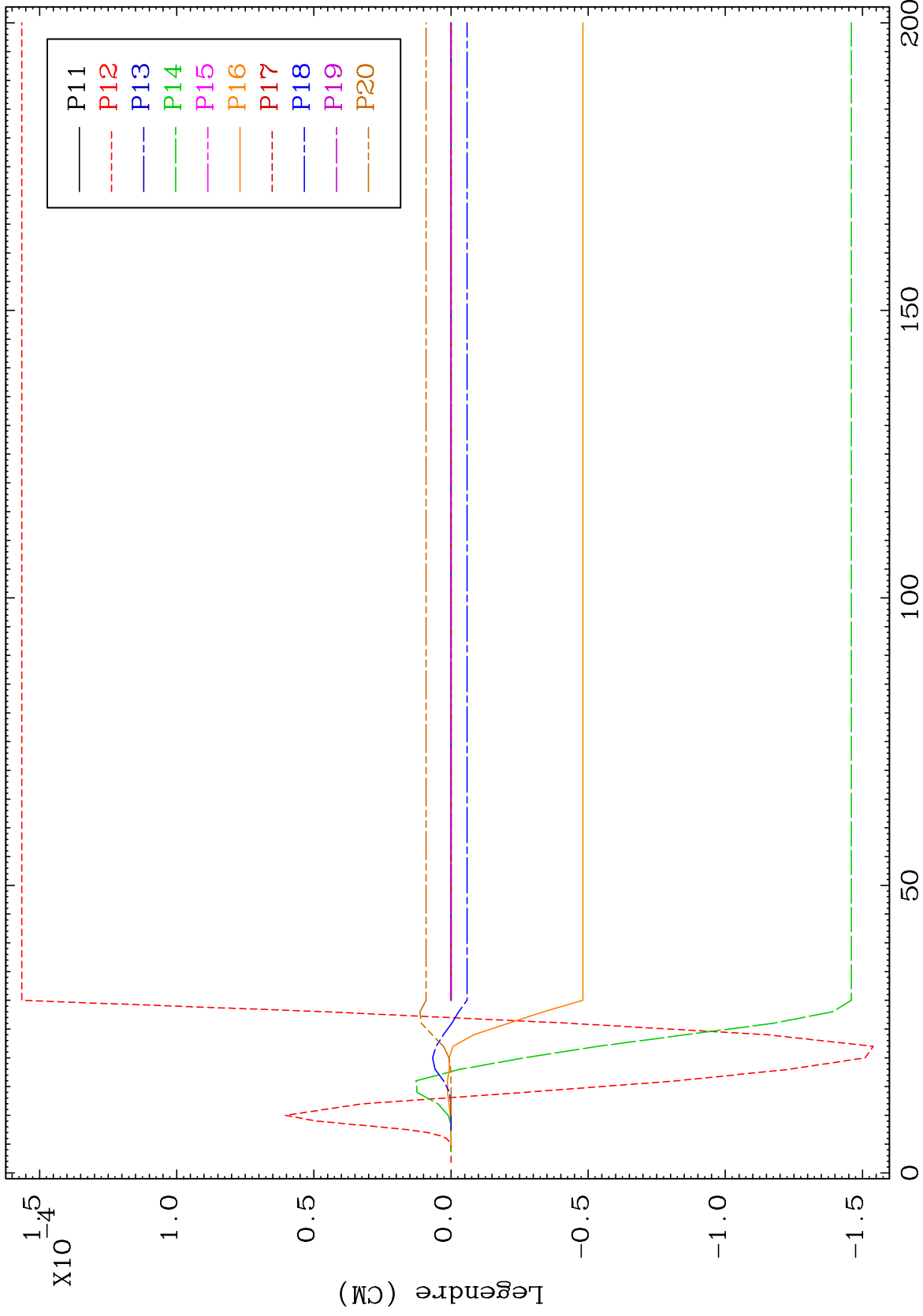




MAT 7934

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

79-Au-200



39

79-Au-200

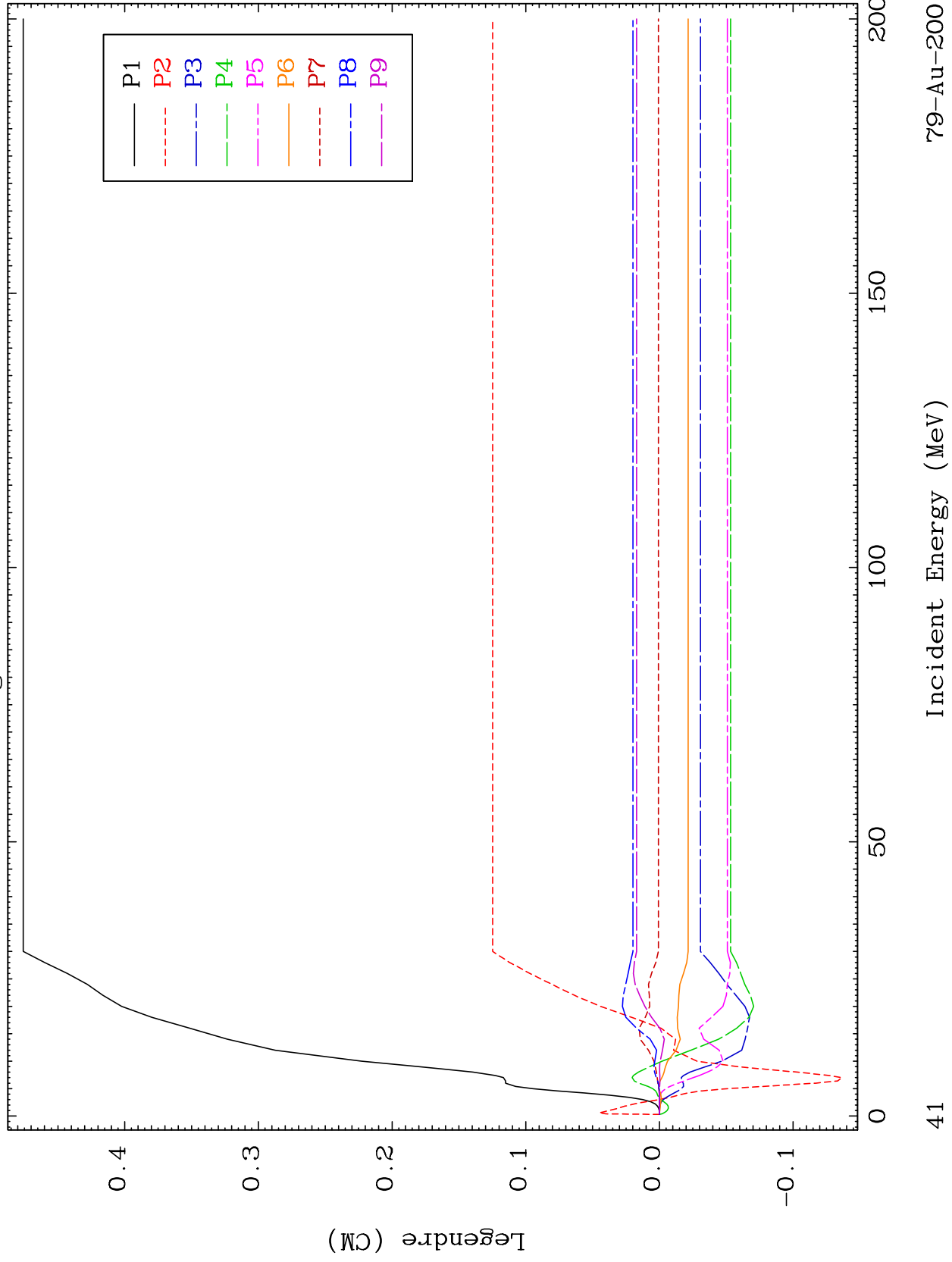




MAT 7934

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

79-Au-200



41

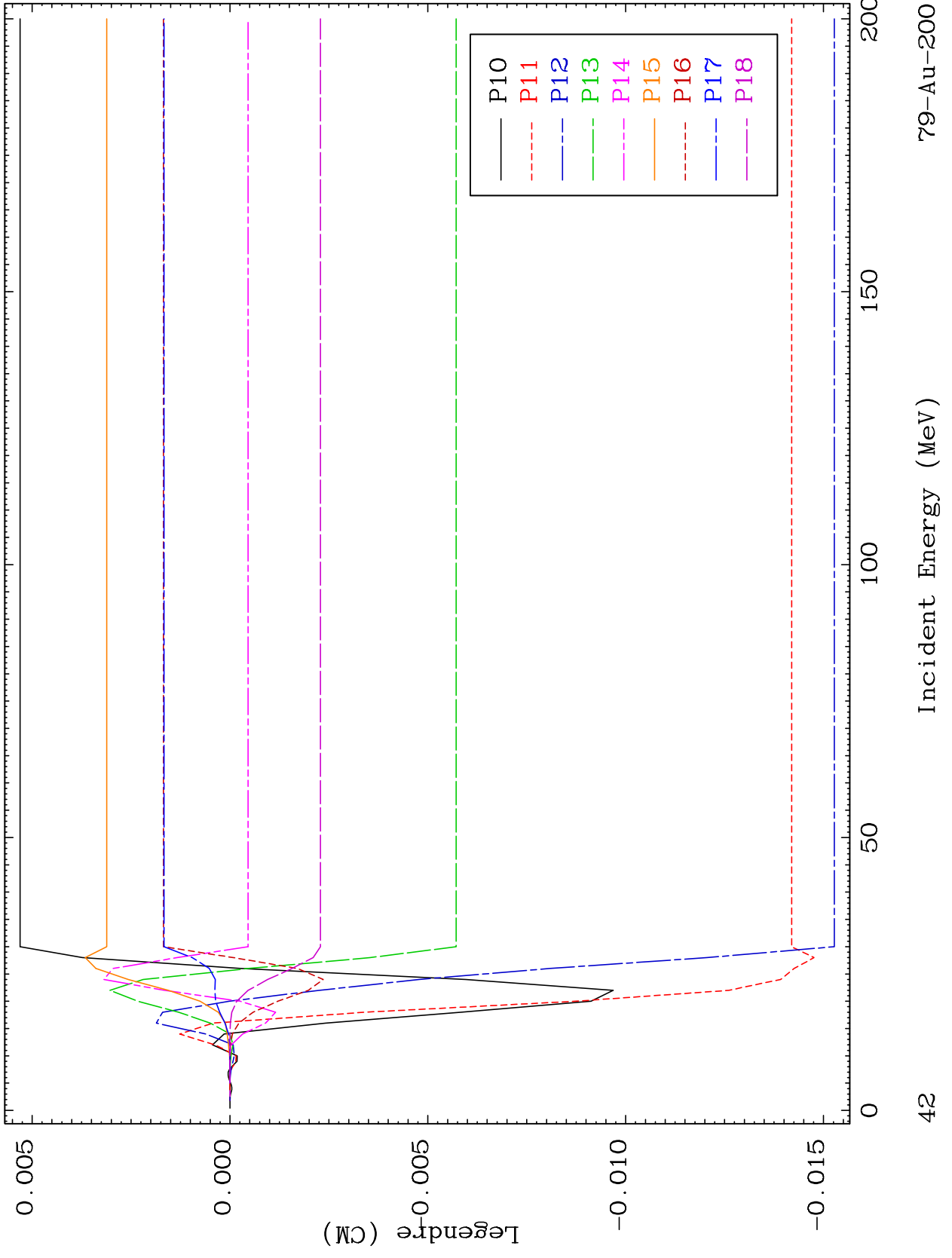
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



42

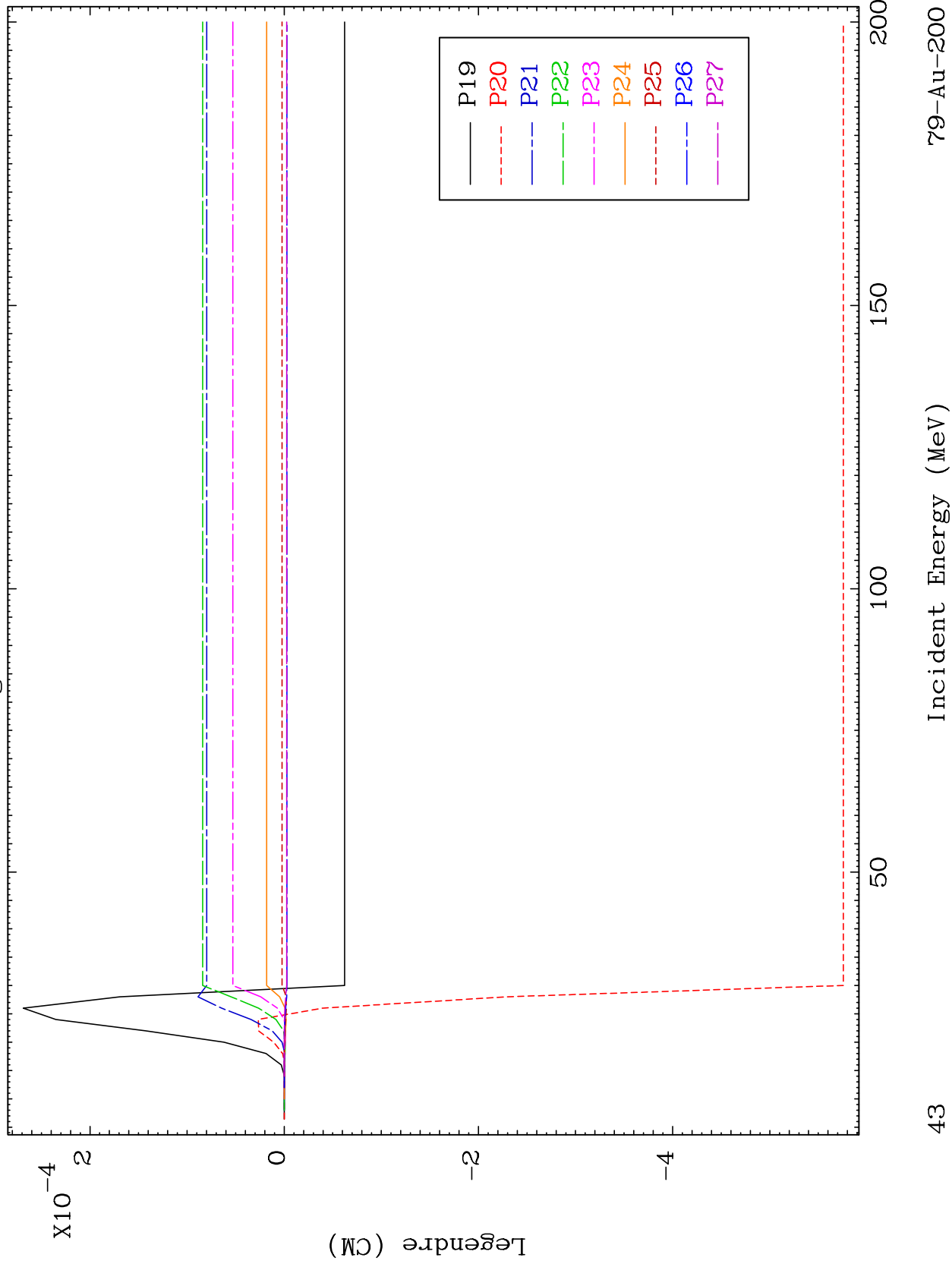
Incident Energy (MeV)

79-Au-200

MAT 7934

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

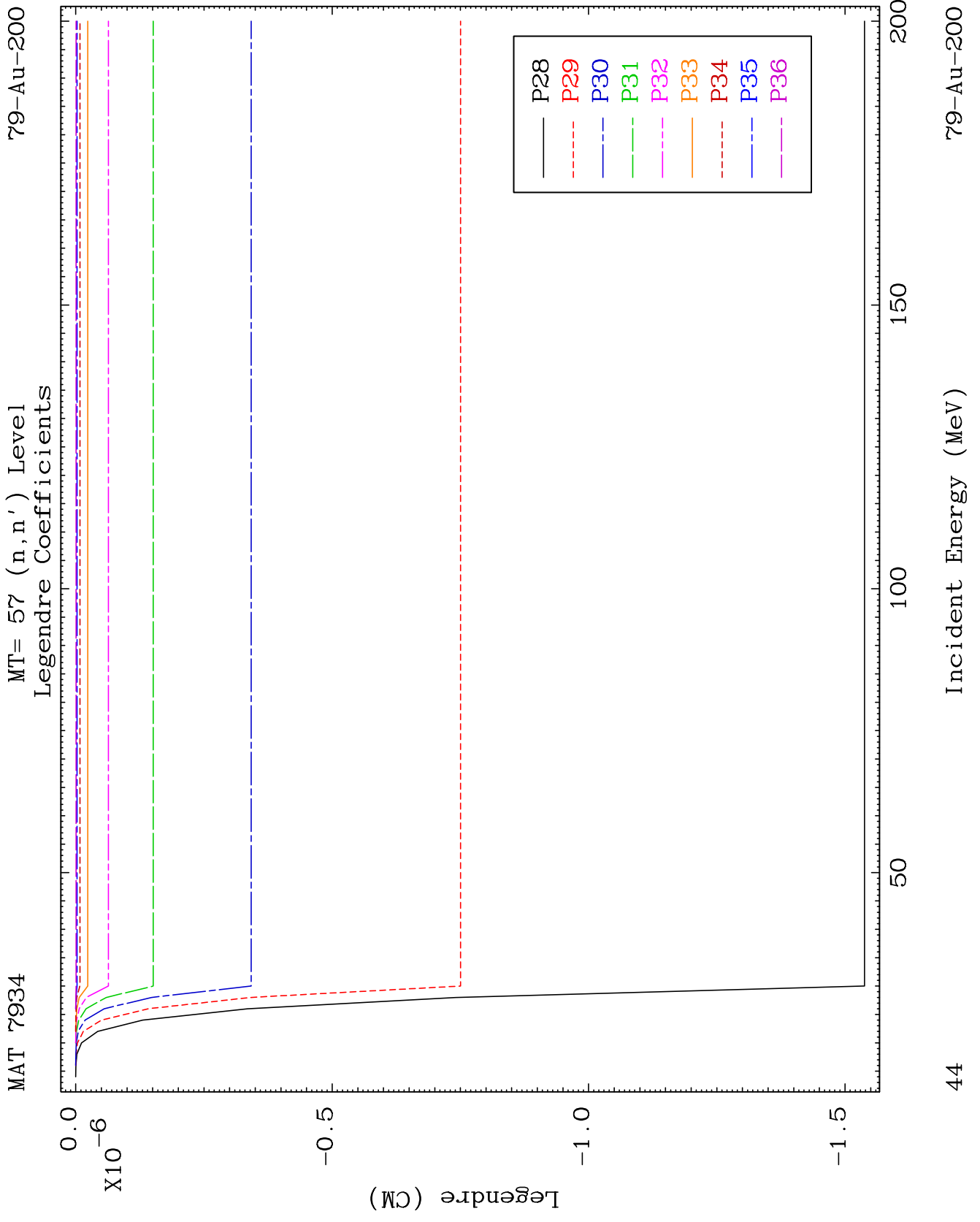
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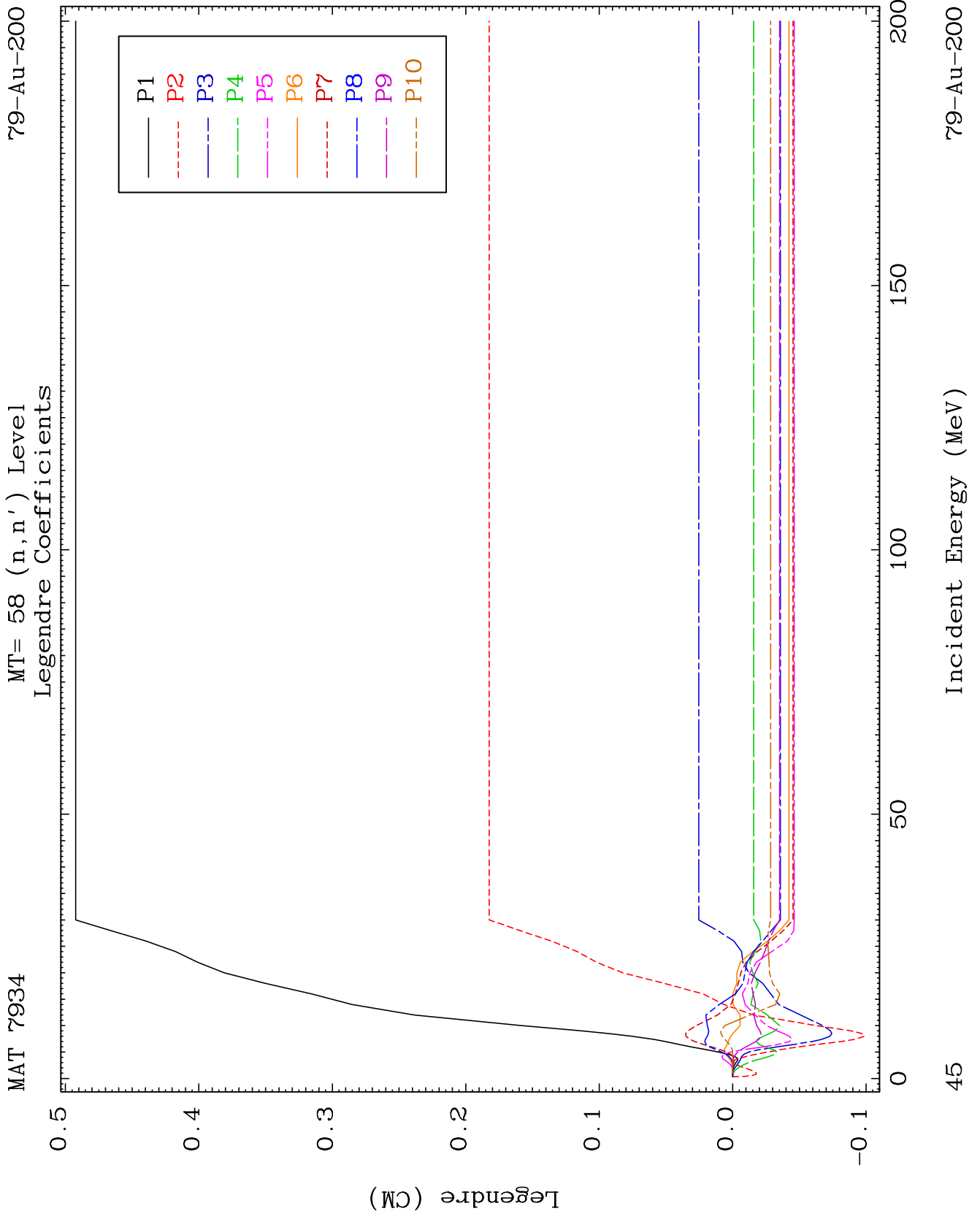


43

Incident Energy (MeV)

79-Au-200

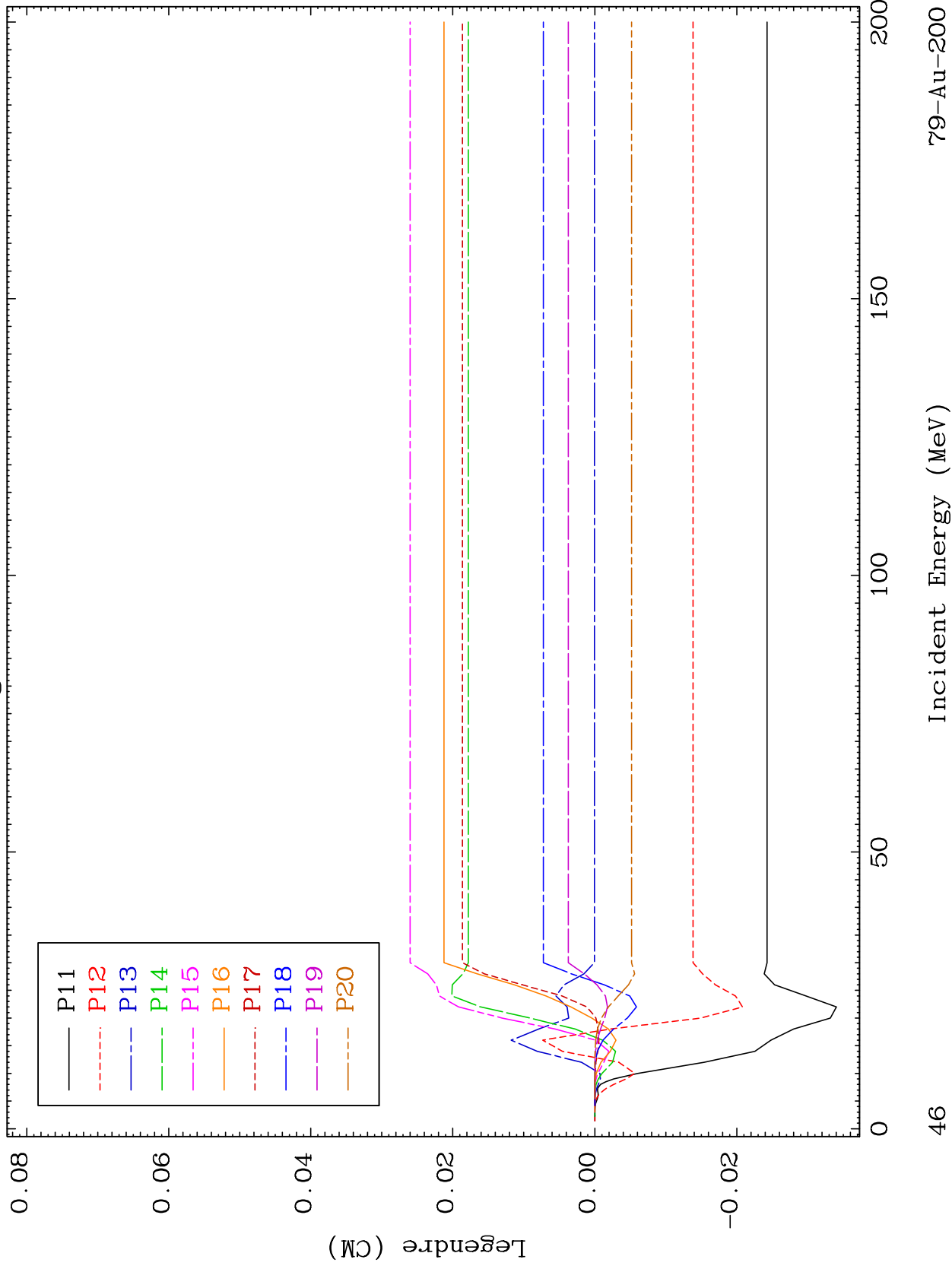




MAT 7934

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

79-Au-200



46

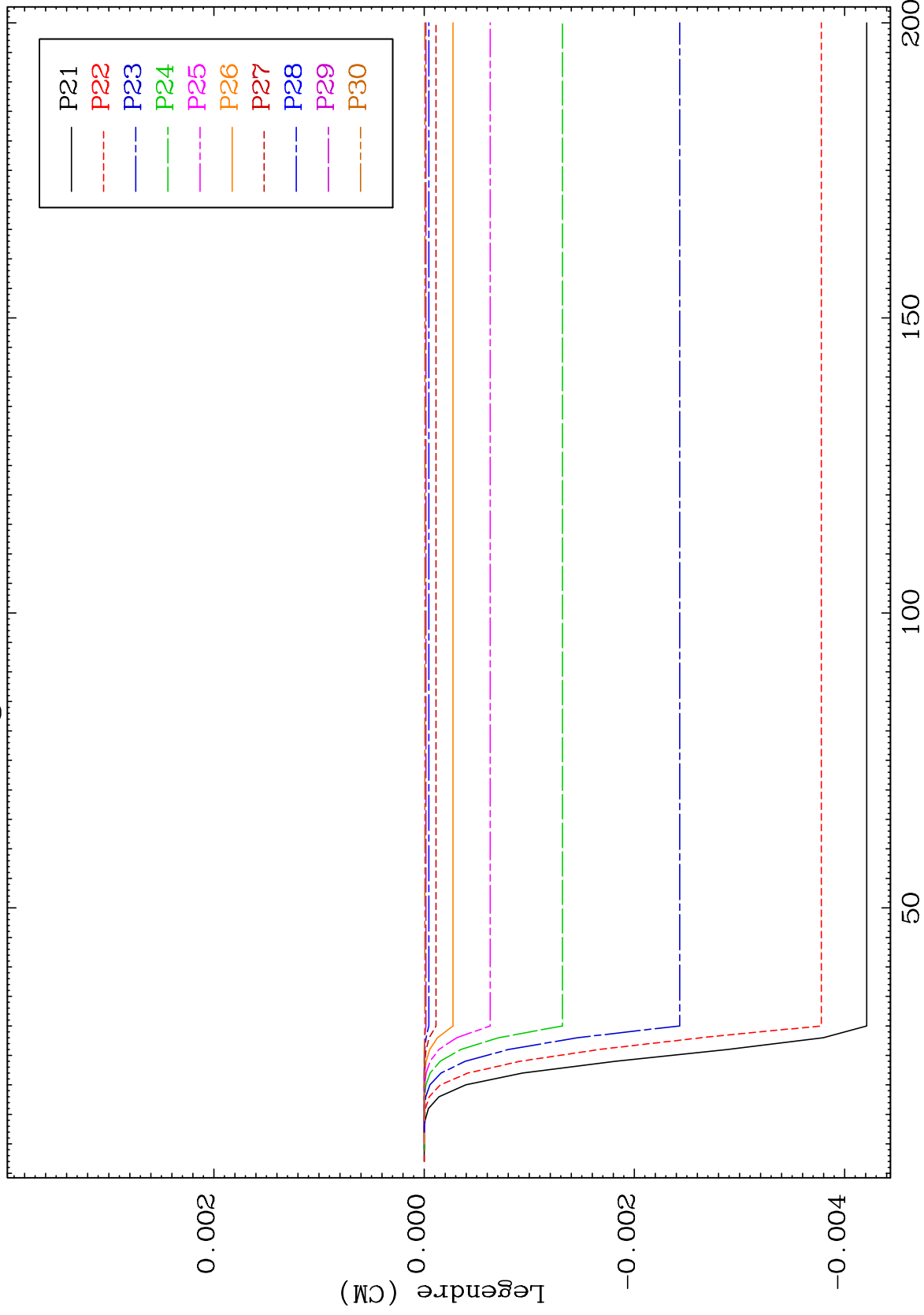
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

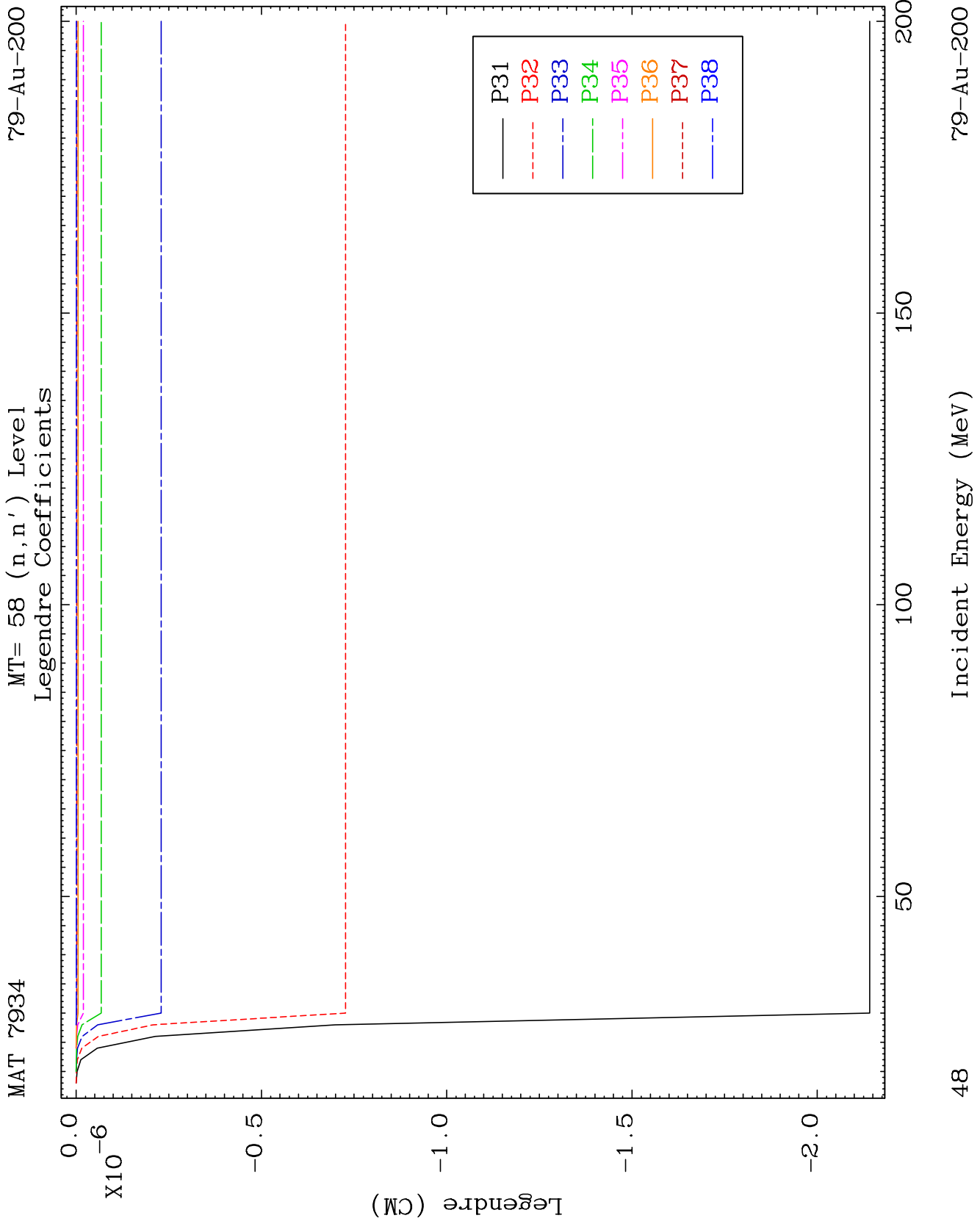


47

Incident Energy (MeV)

79-Au-200

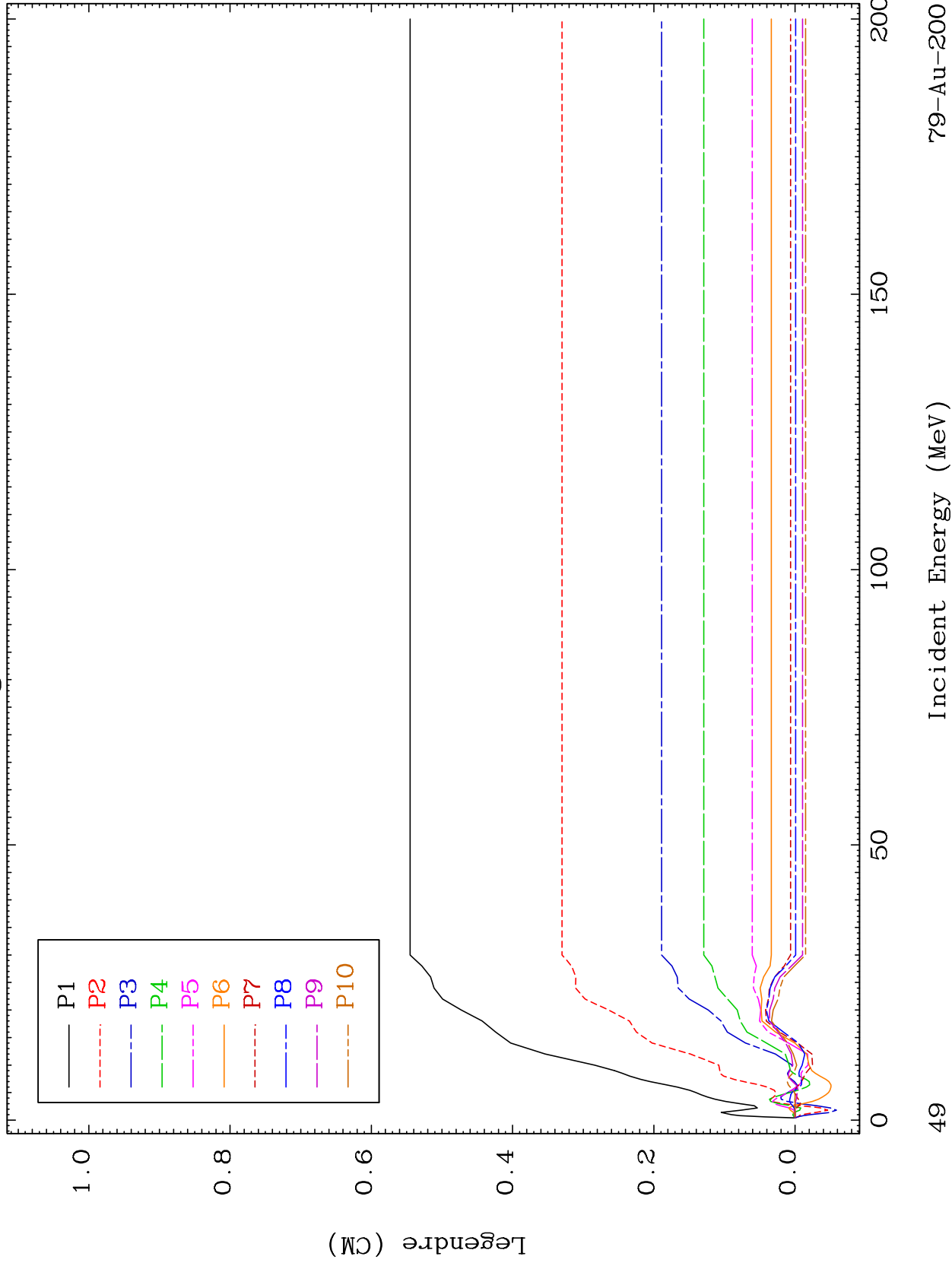




MAT 7934

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

79-Au-200



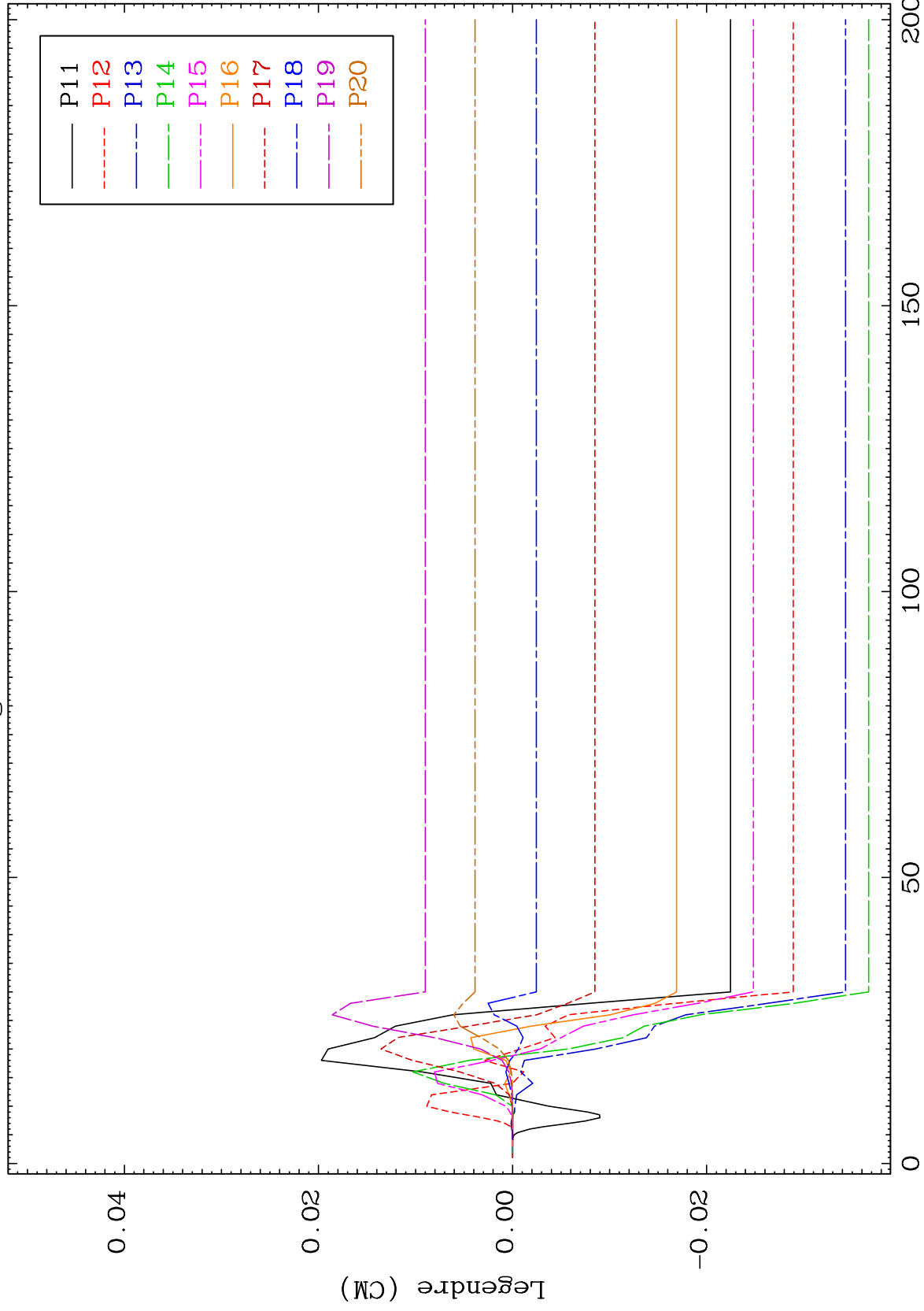
49

79-Au-200

MAT 7934

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

79-Au-200



79-Au-200

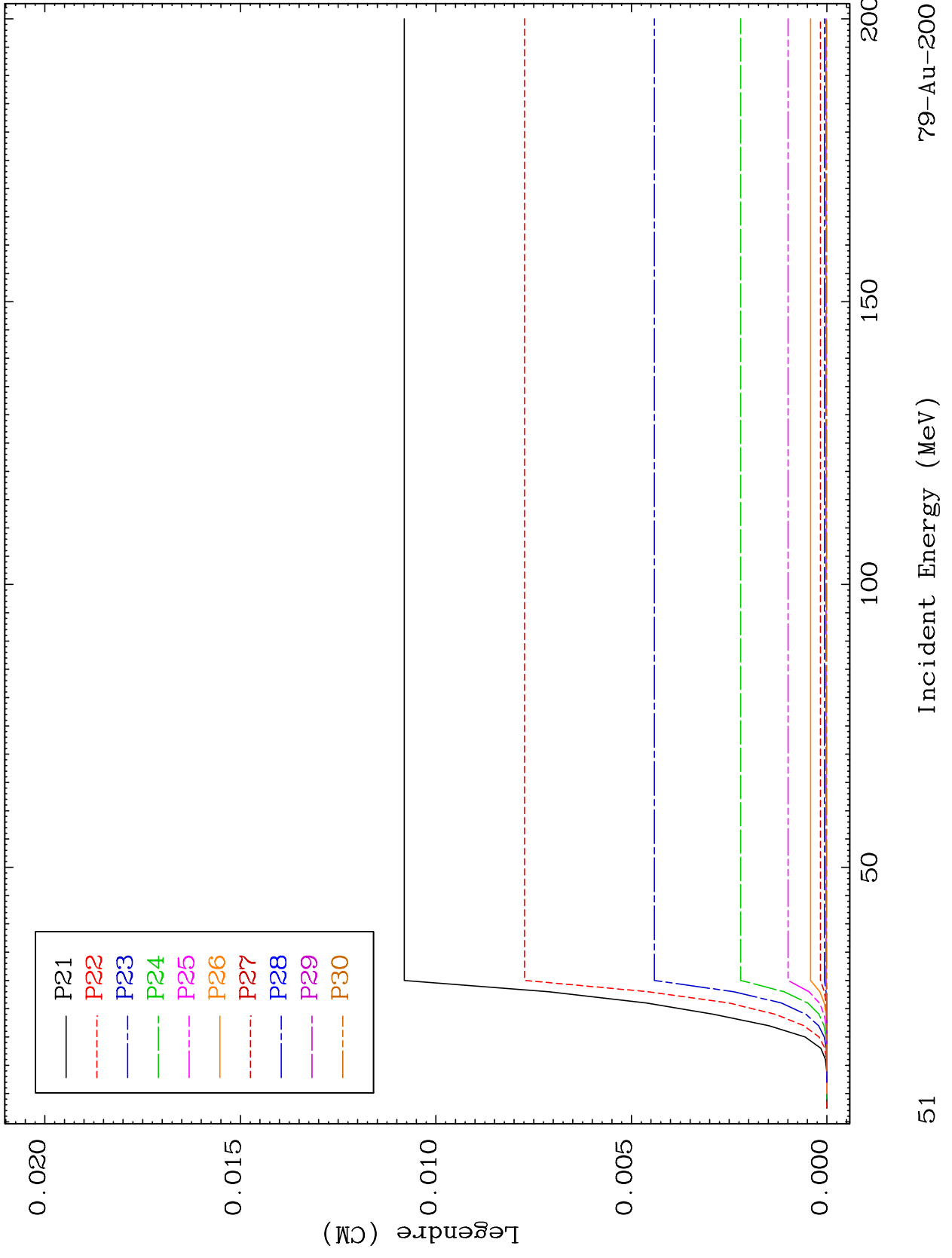
Incident Energy (MeV)

50

MAT 7934

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

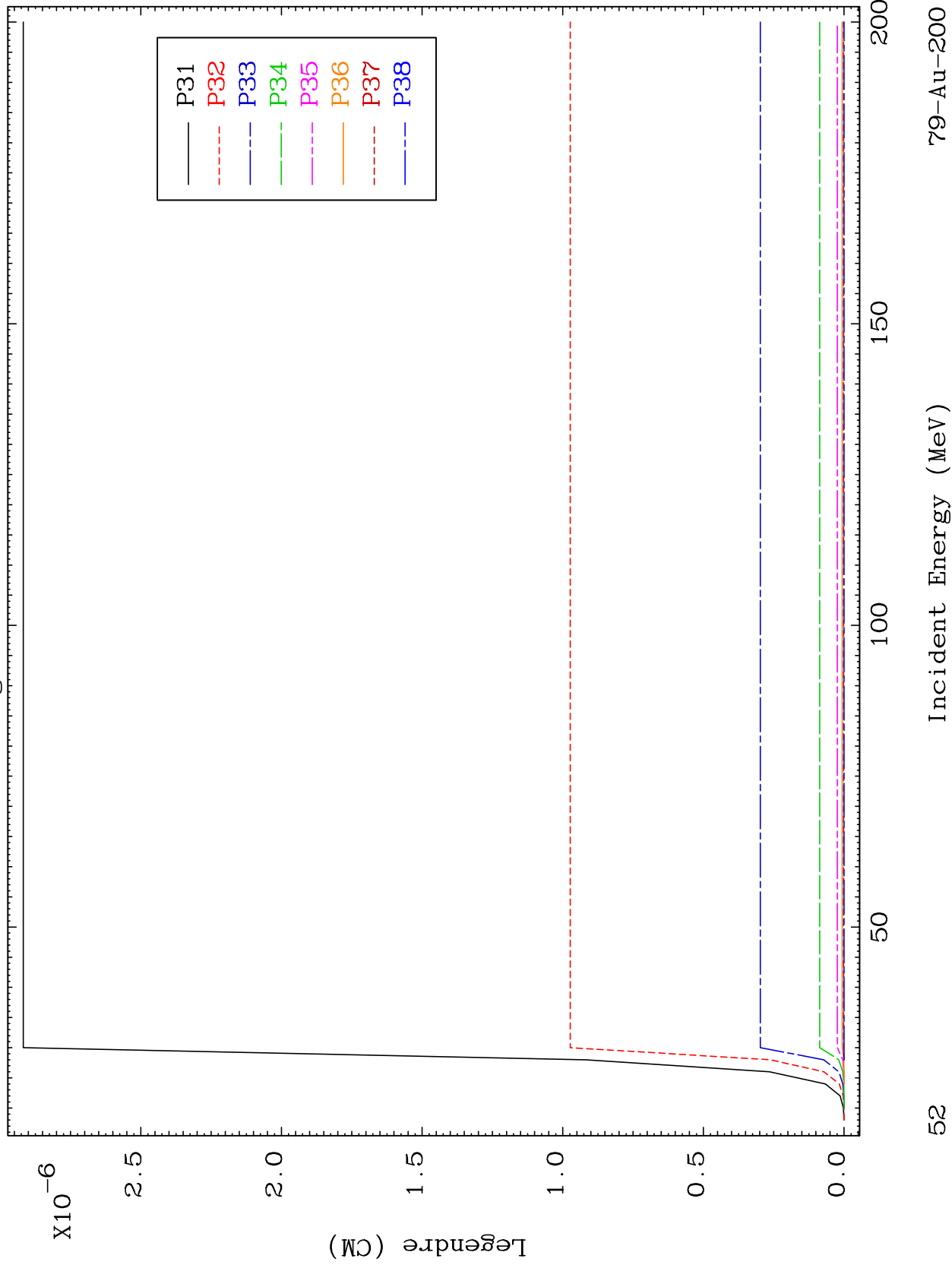
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MAT 7934

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

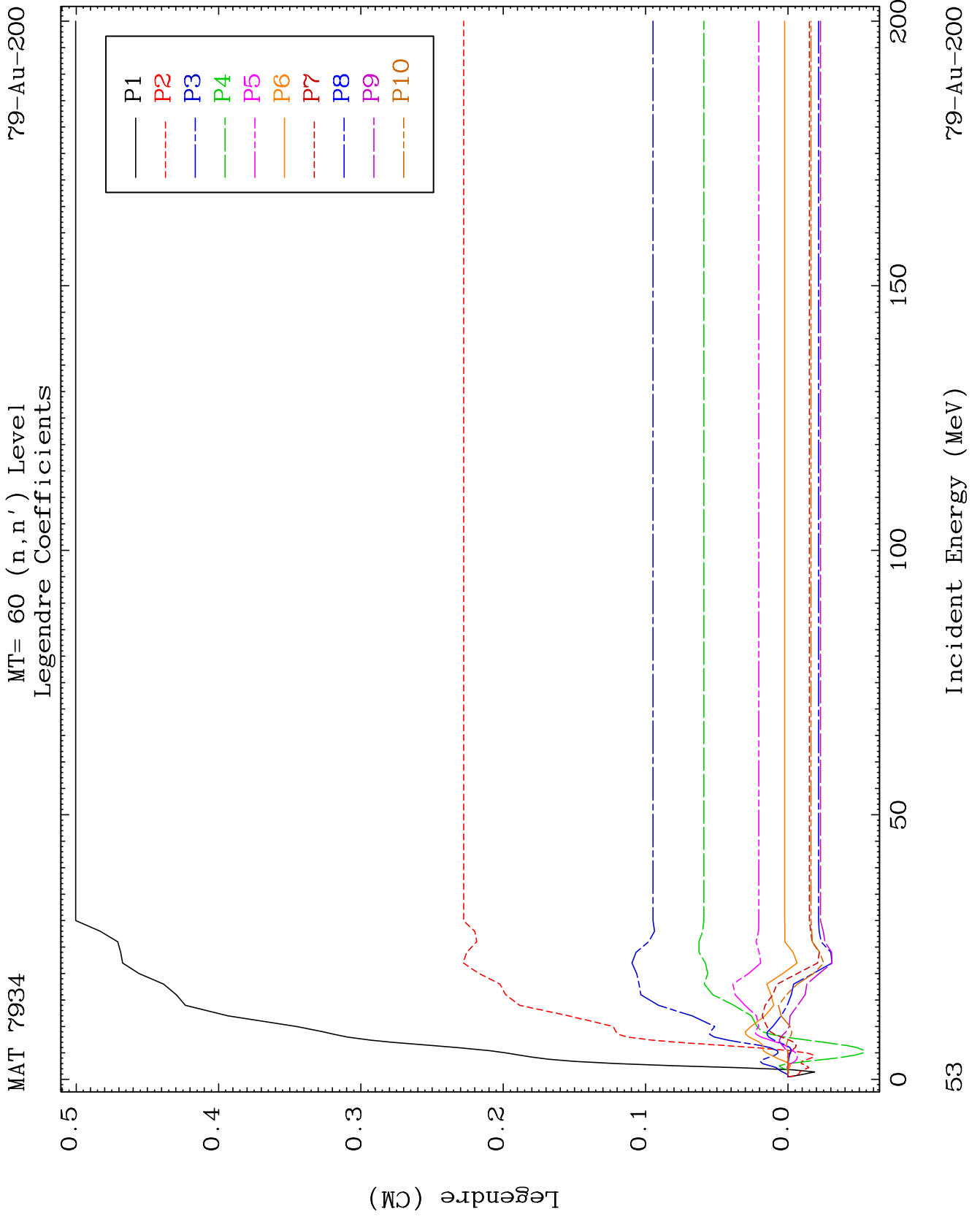
79-Au-200



52

Incident Energy (MeV)

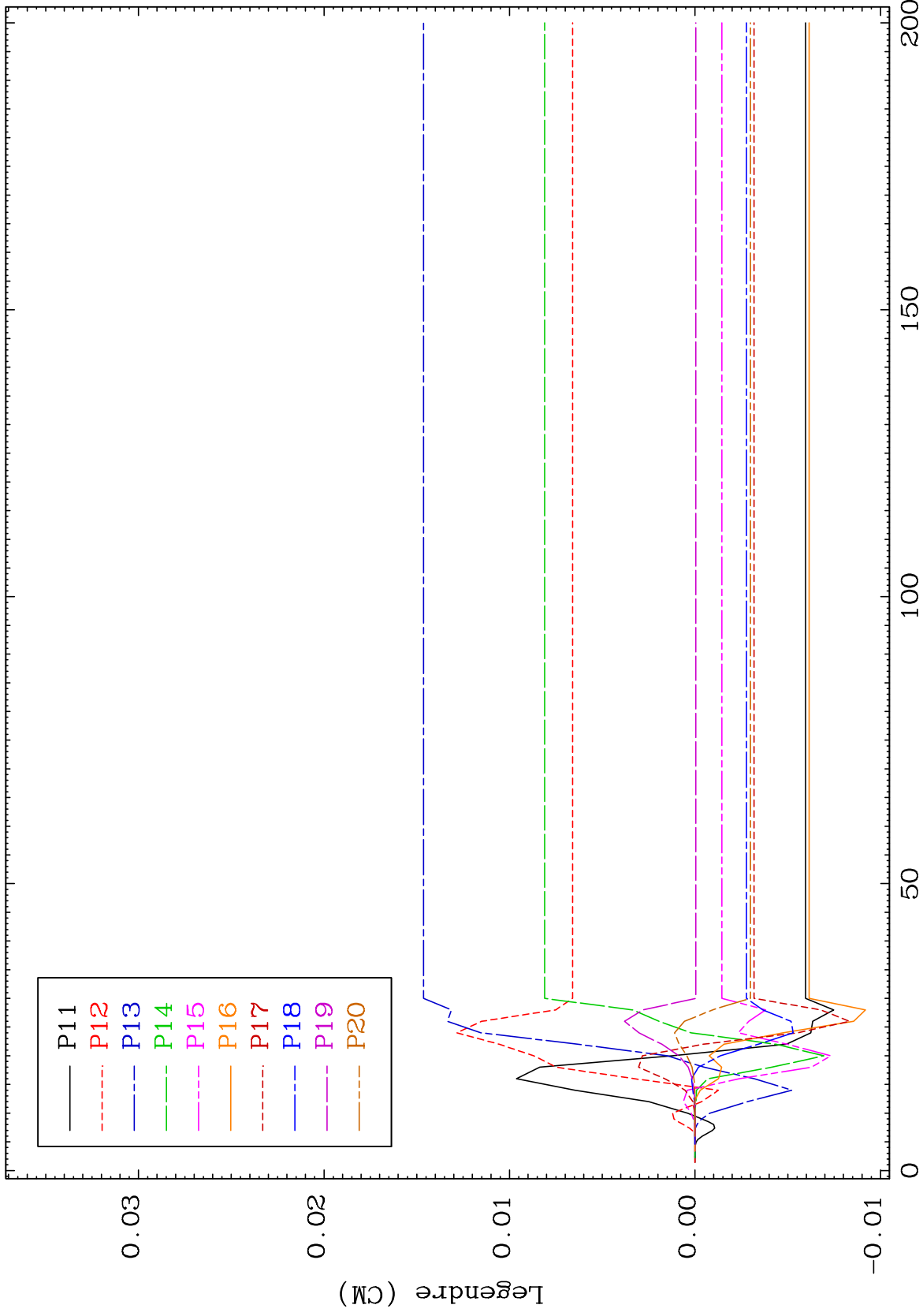
79-Au-200



MAT 7934

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

79-Au-200



54

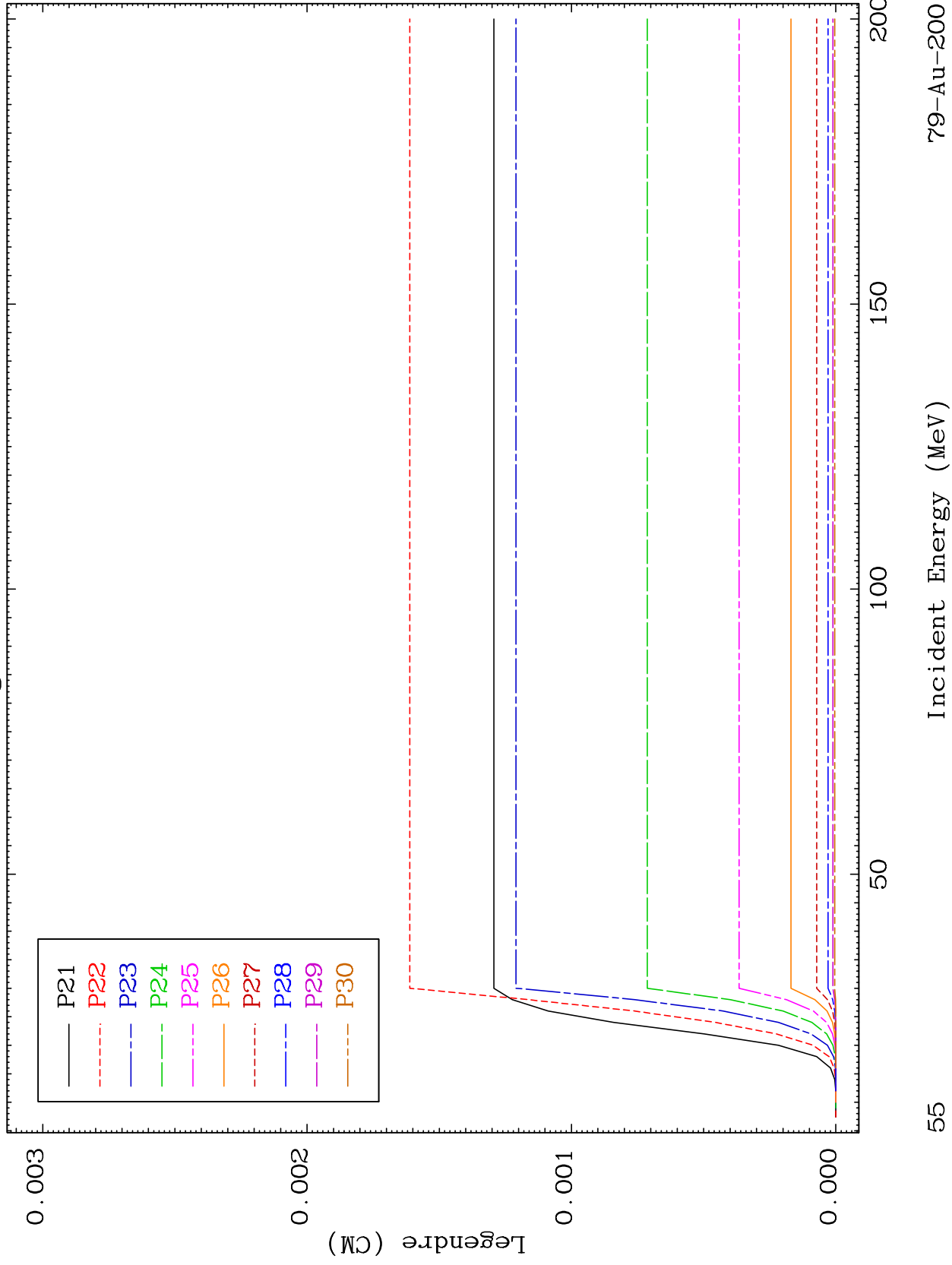
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



55

Incident Energy (MeV)

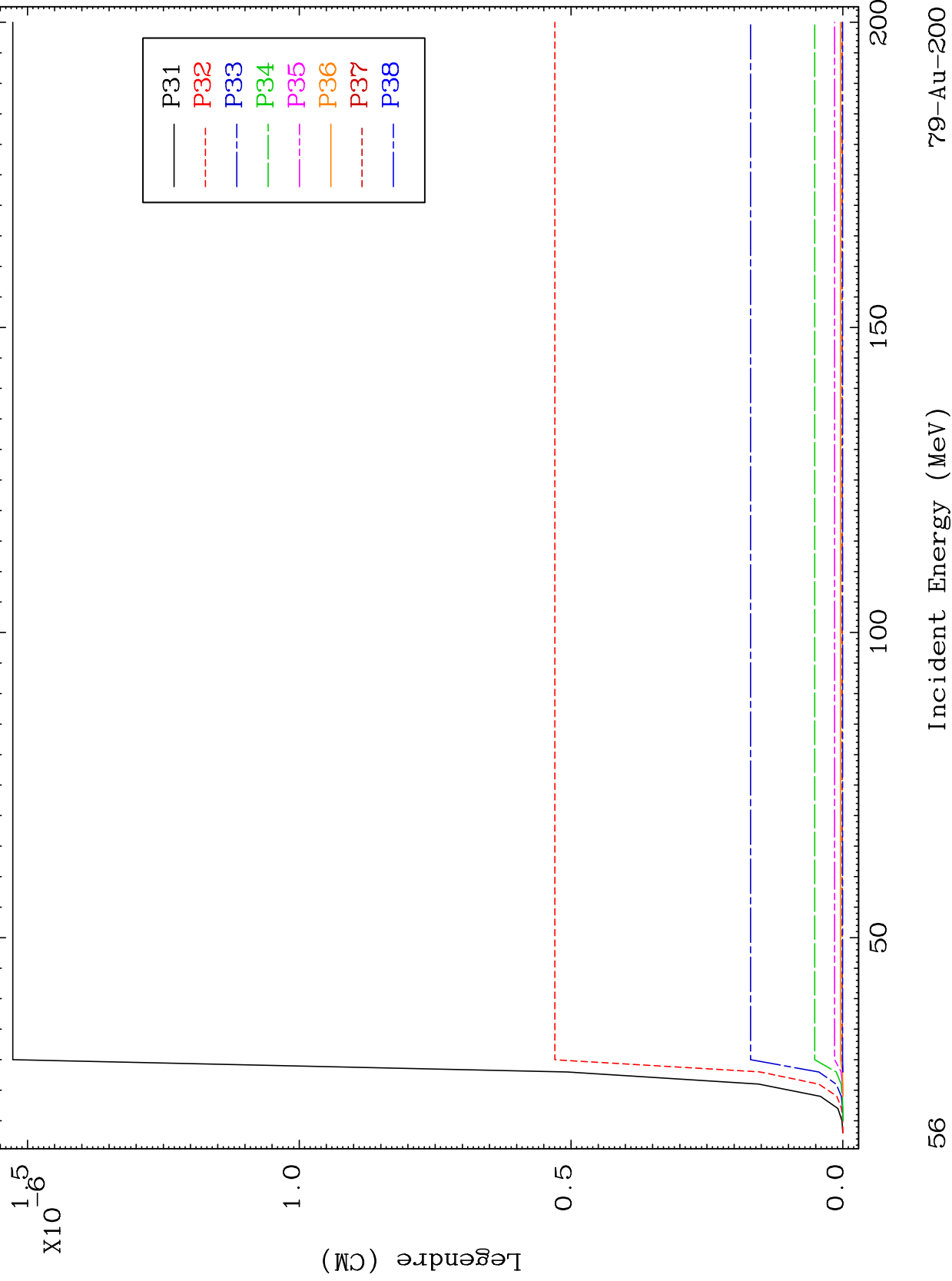
79-Au-200



MAT 7934

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

79-Au-200



56

Incident Energy (MeV)

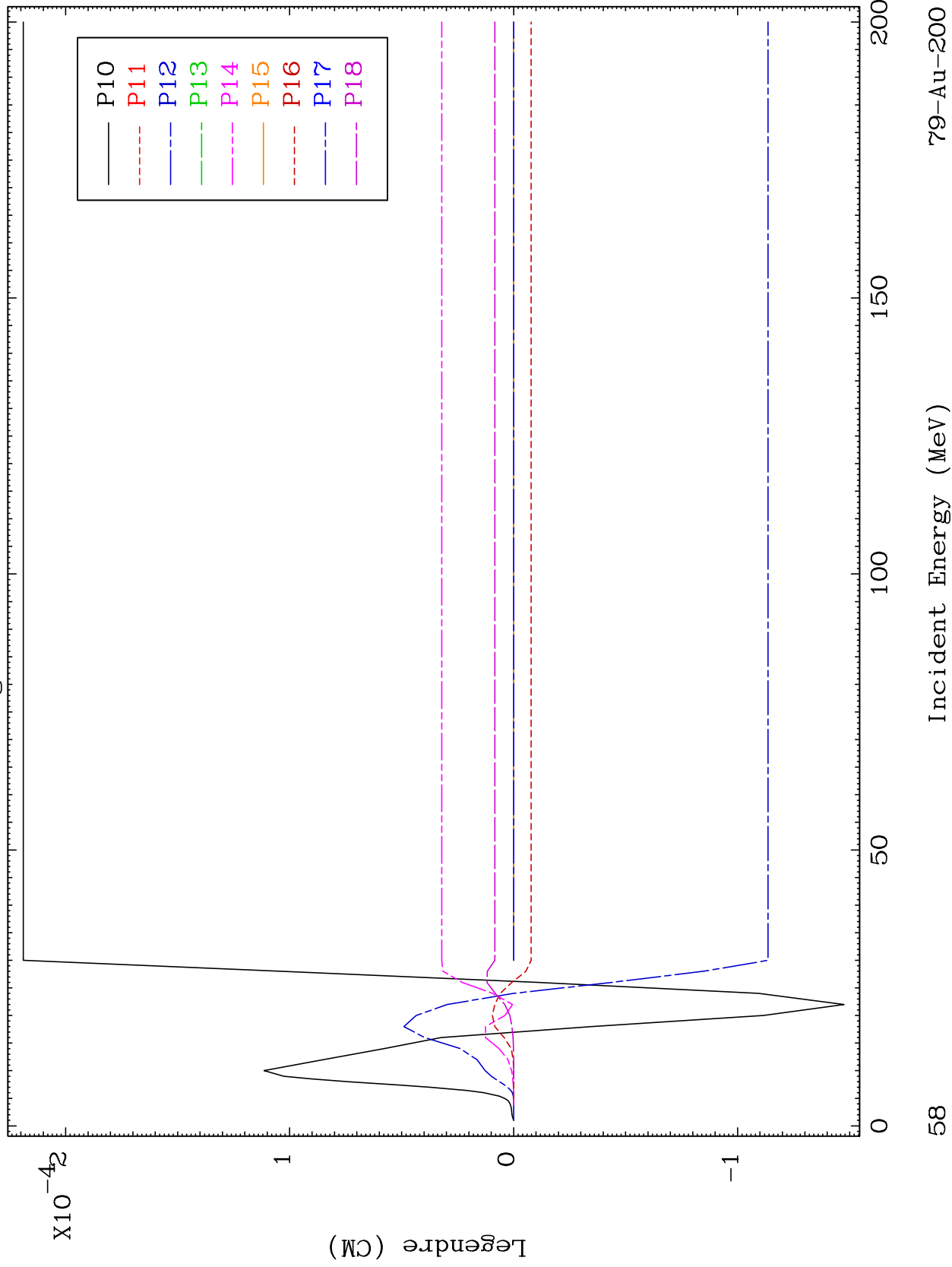
79-Au-200



MAT 7934

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

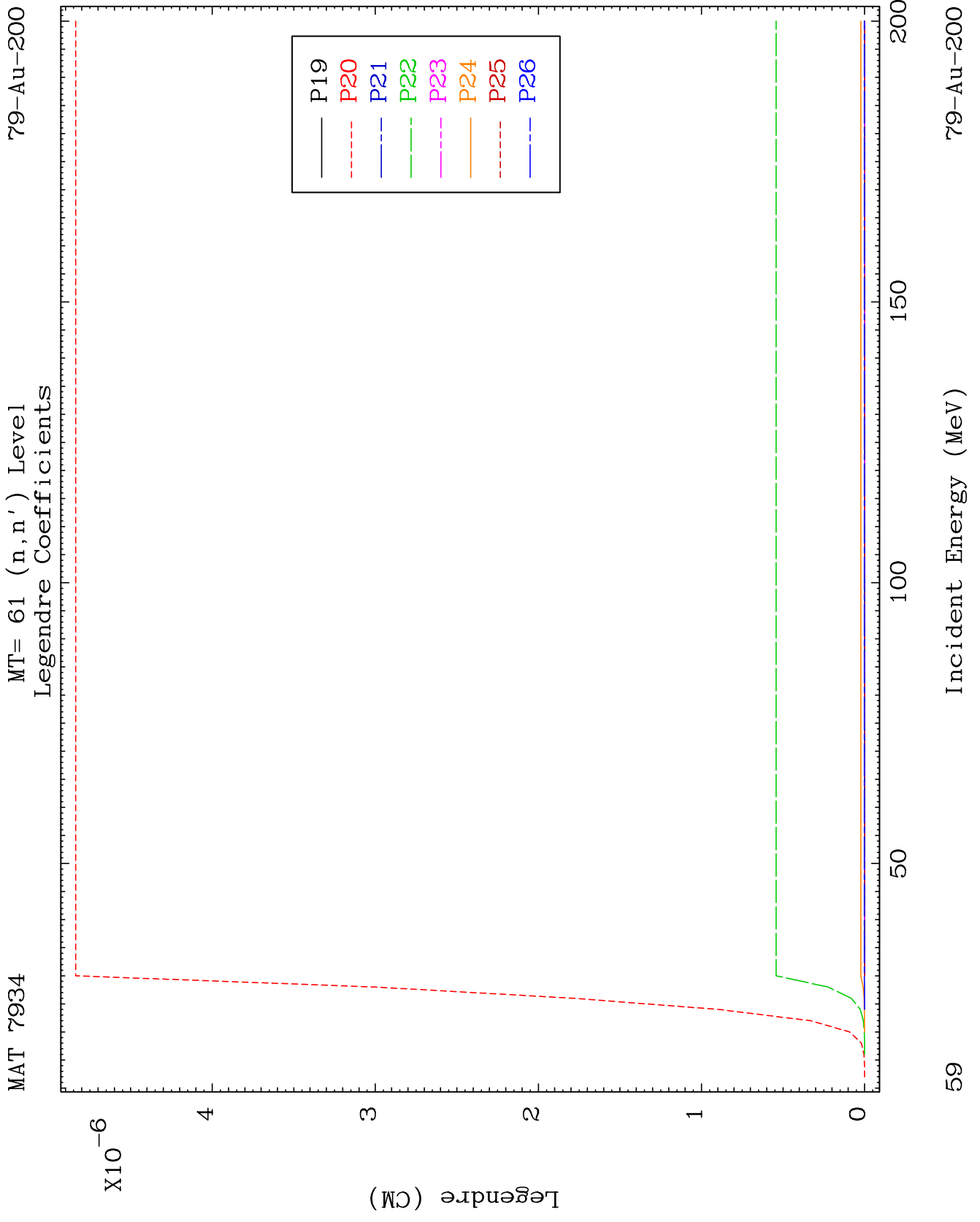
79-Au-200



79-Au-200

Incident Energy (MeV)

58

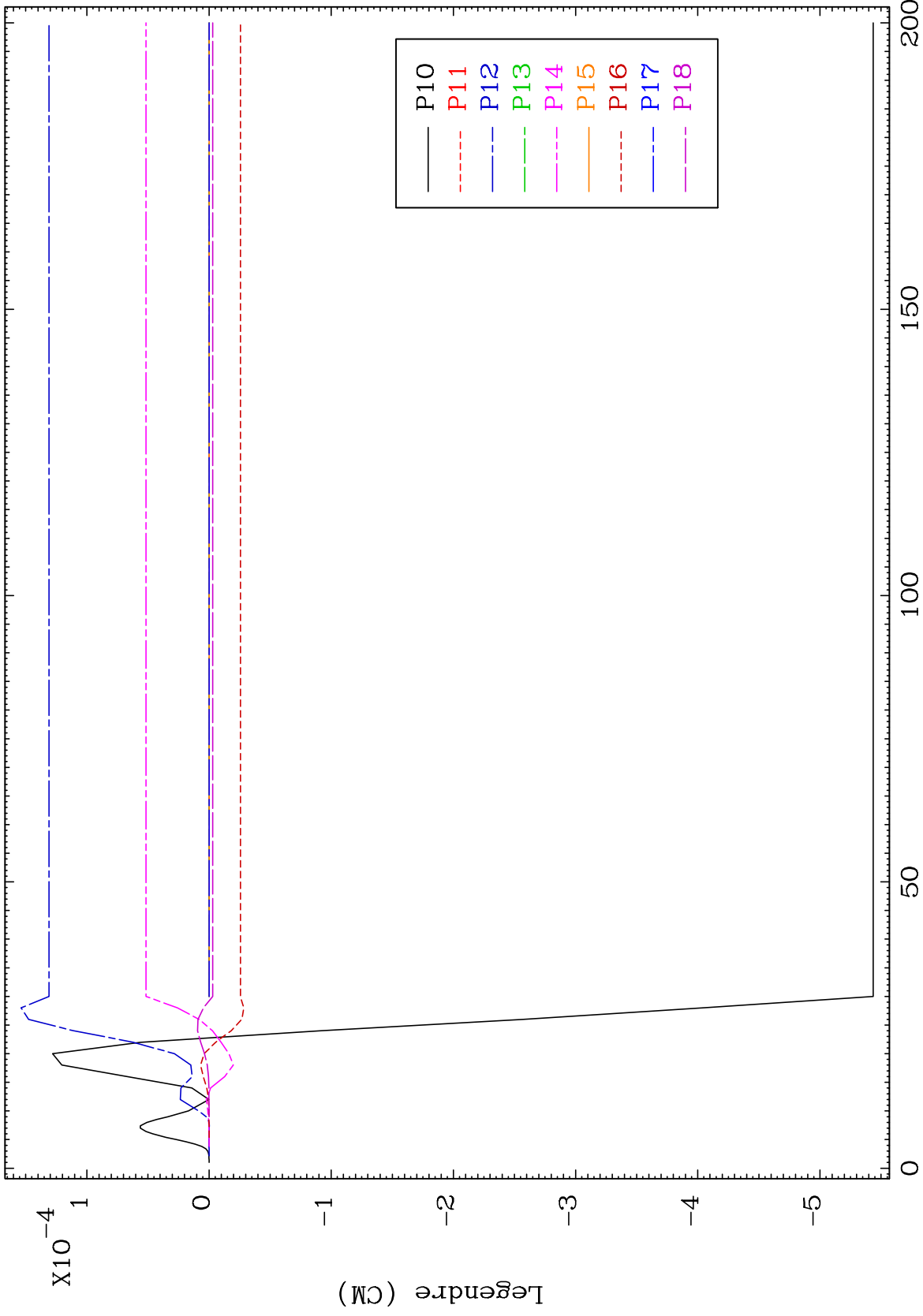




MAT 7934

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

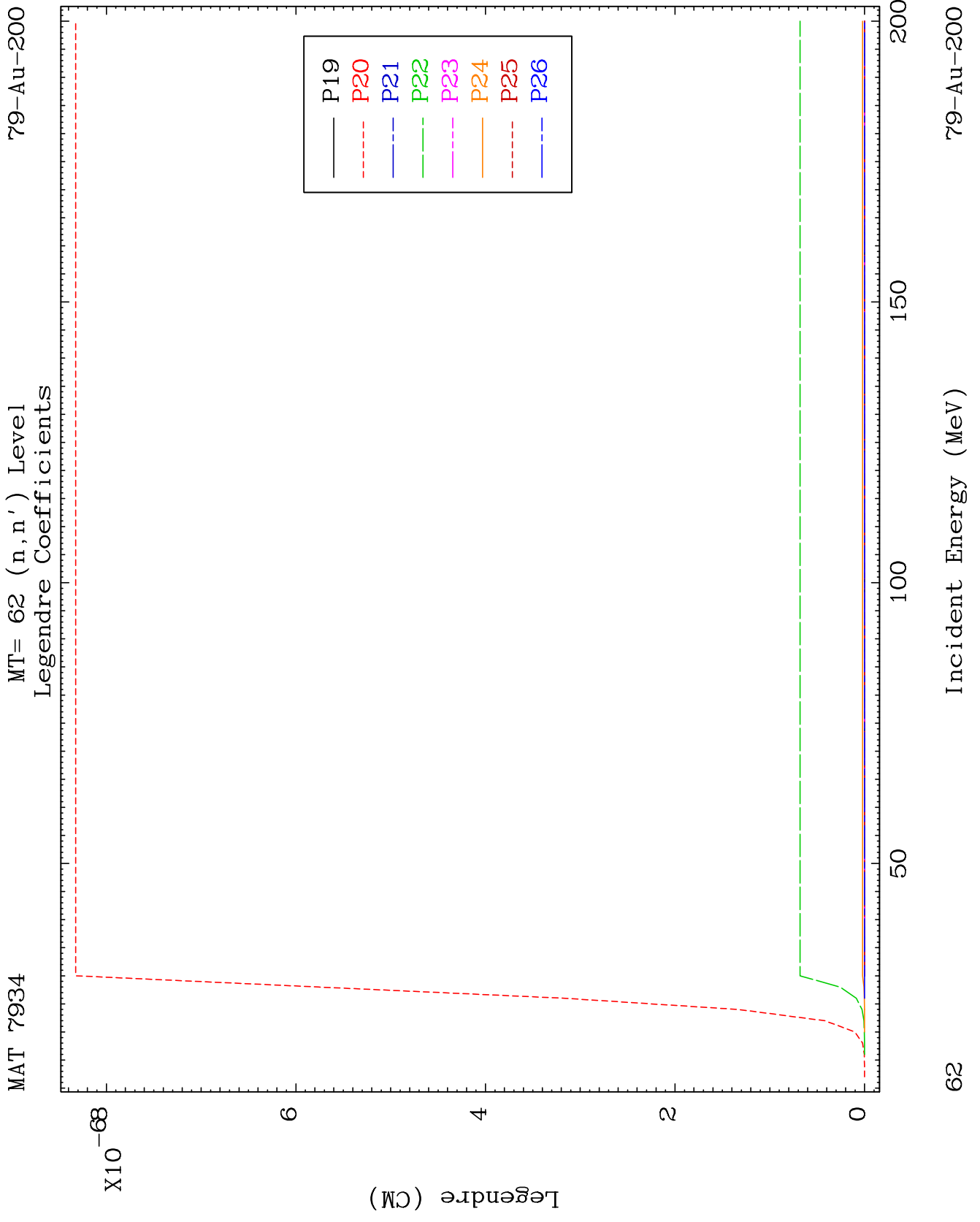
79-Au-200

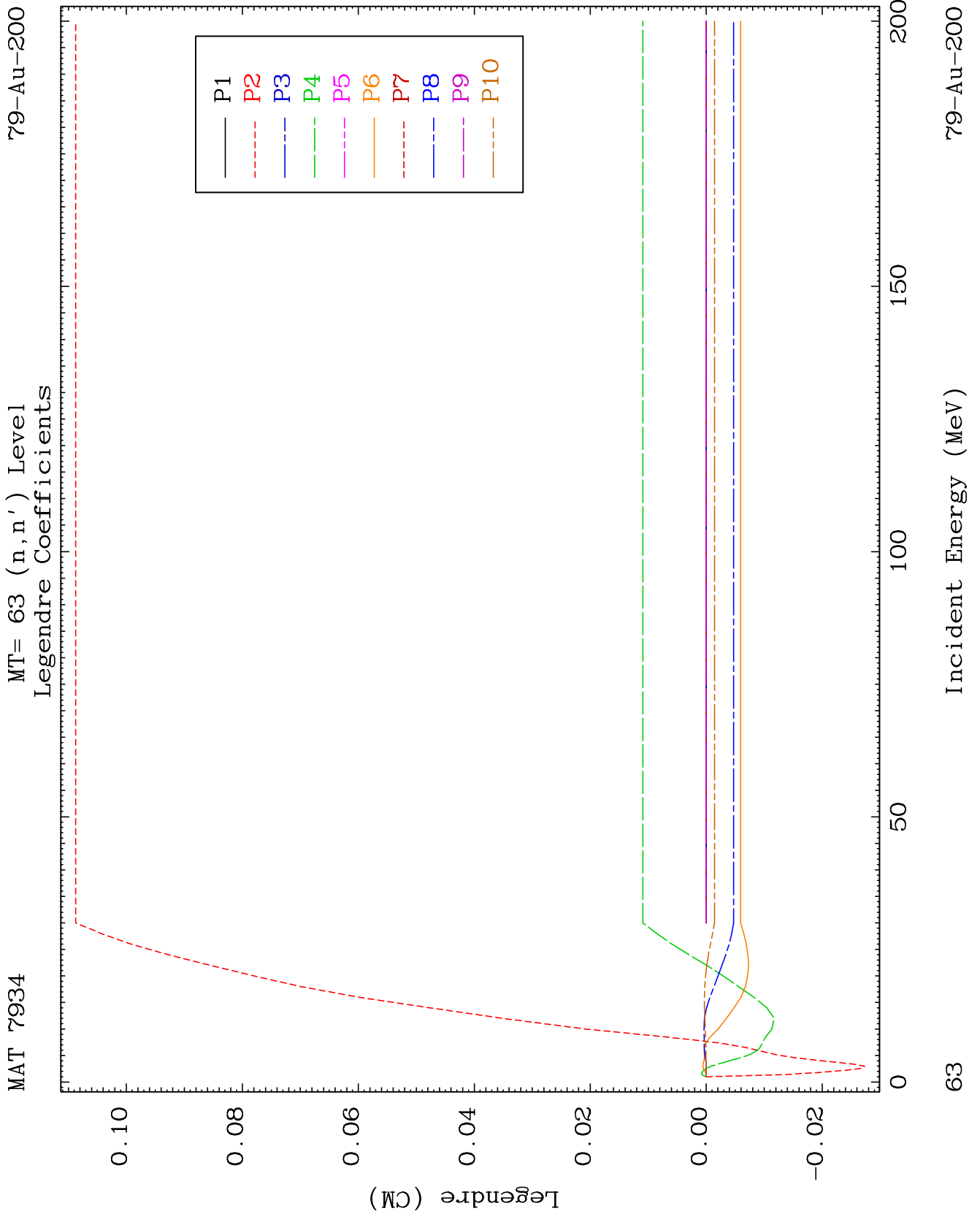


61

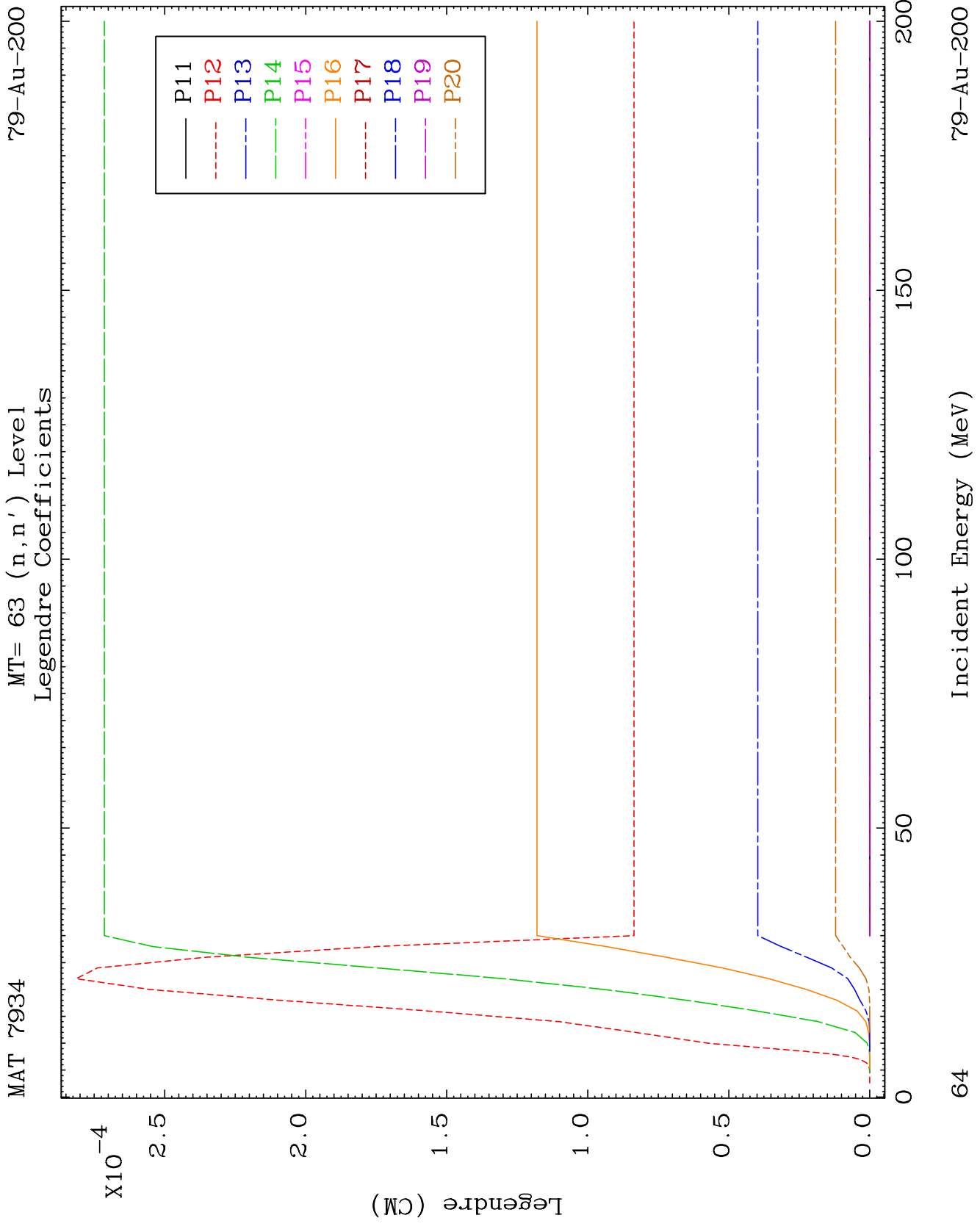
Incident Energy (MeV)

79-Au-200







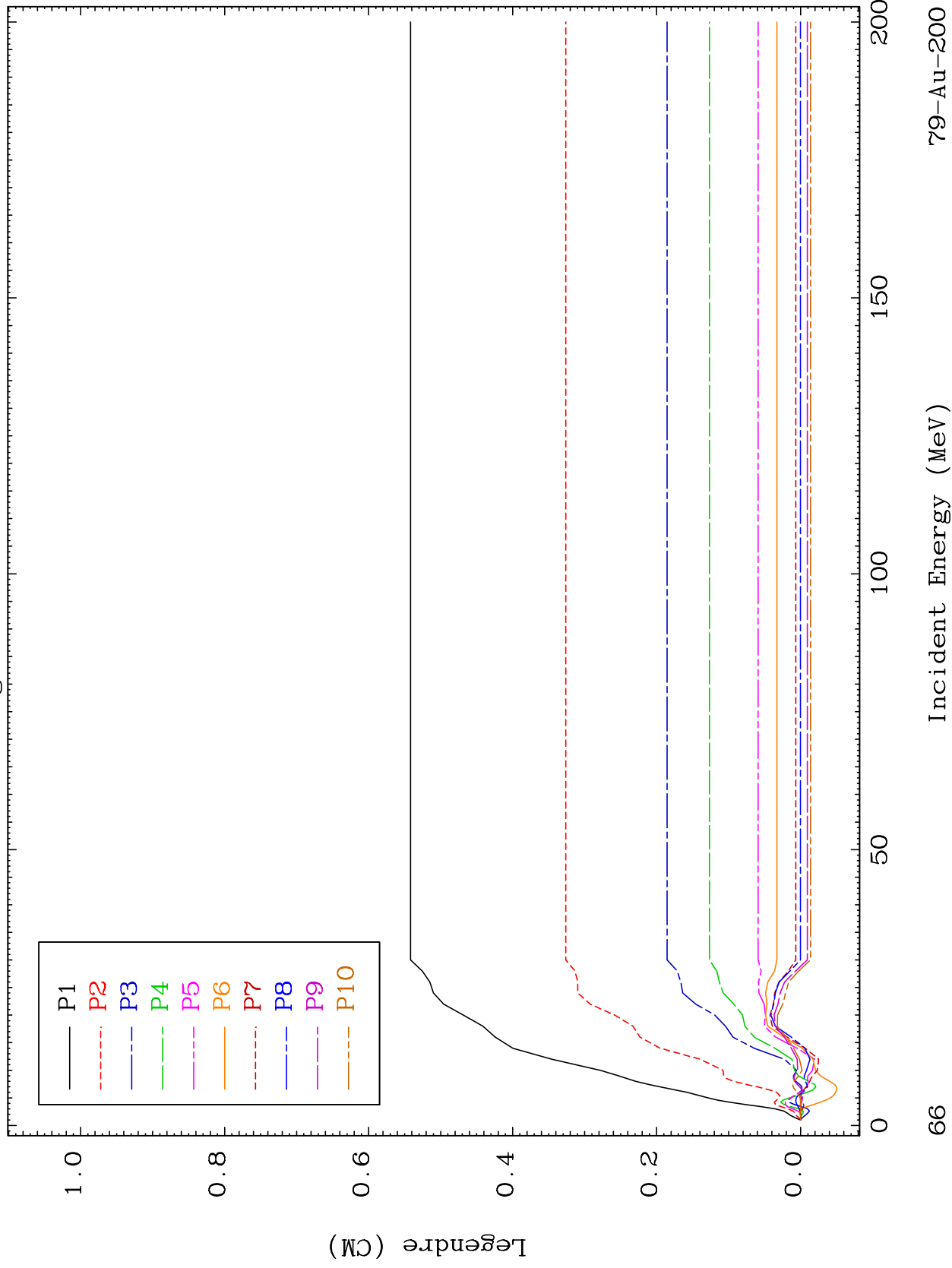




MAT 7934

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

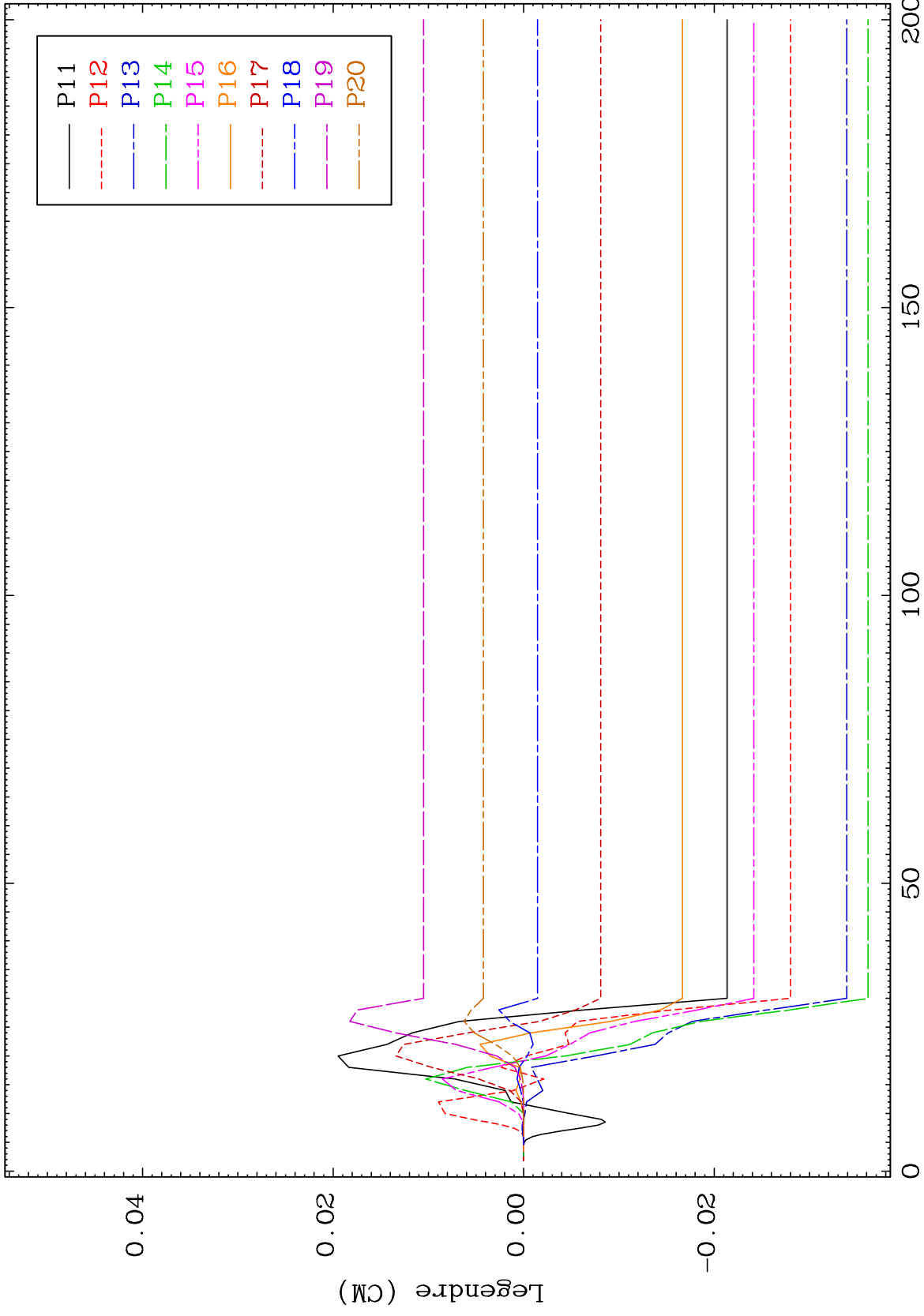
79-Au-200



MAT 7934

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

79-Au-200



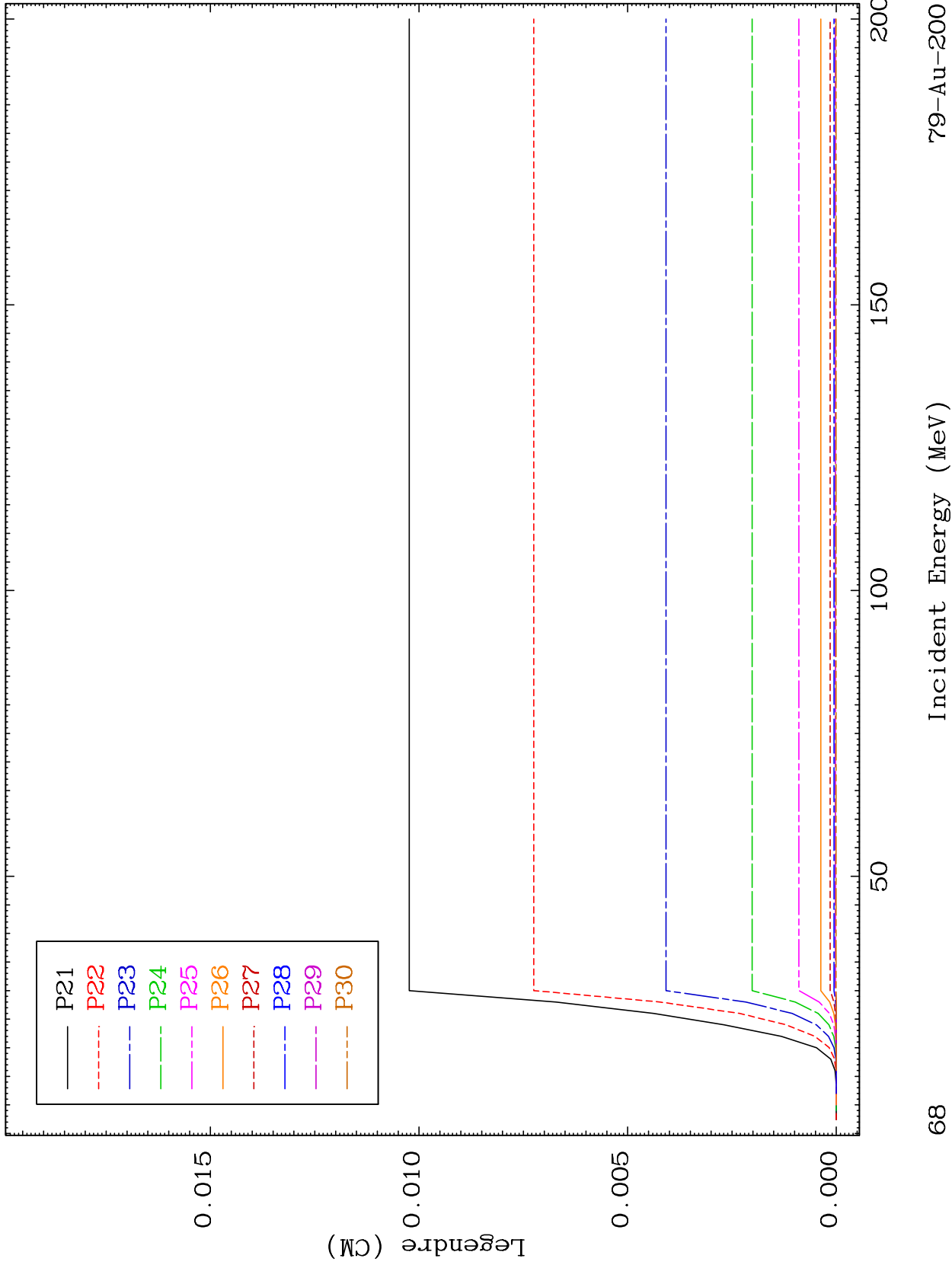
67

79-Au-200

MAT 7934

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

79-Au-200



68

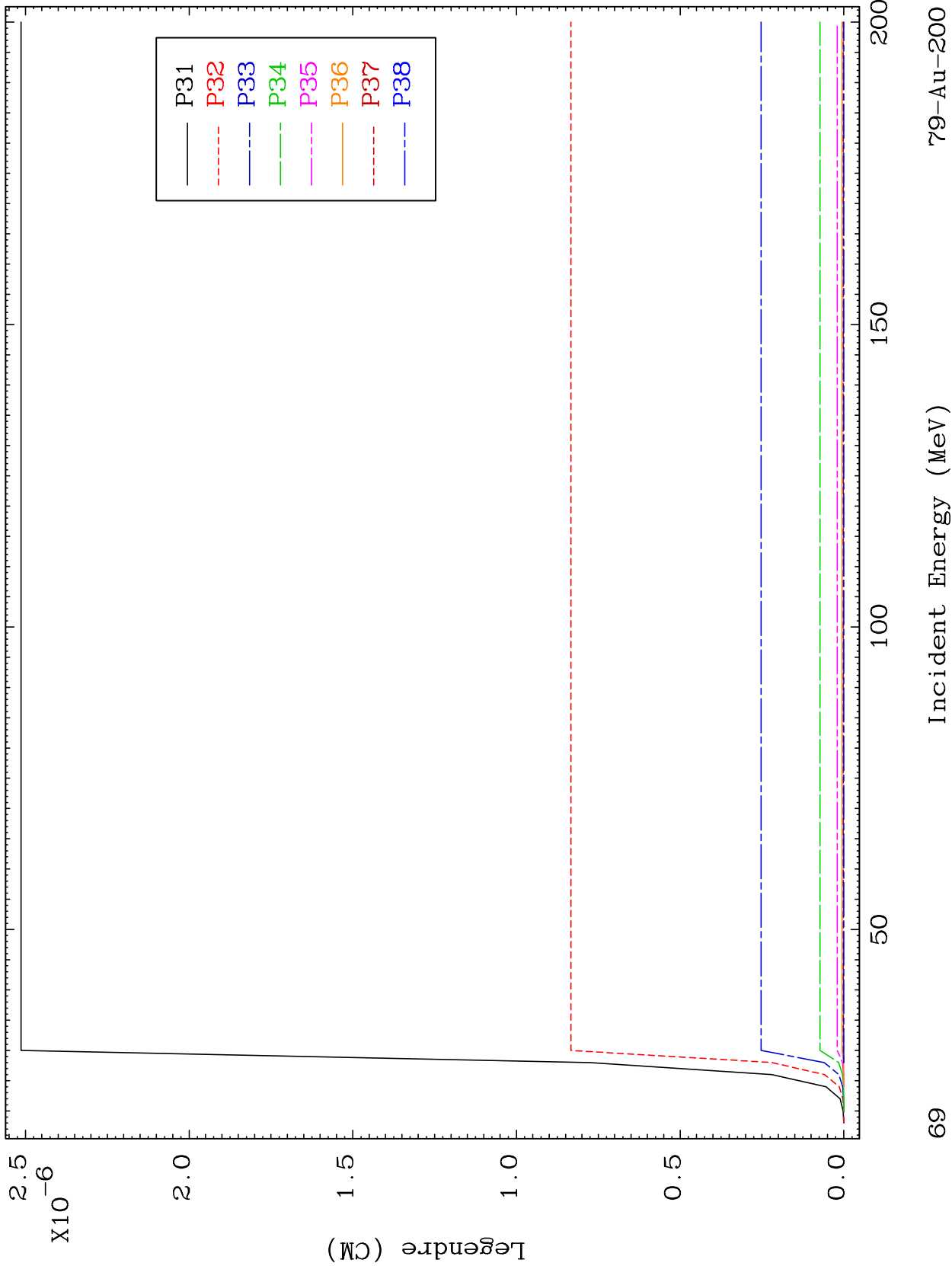
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



69

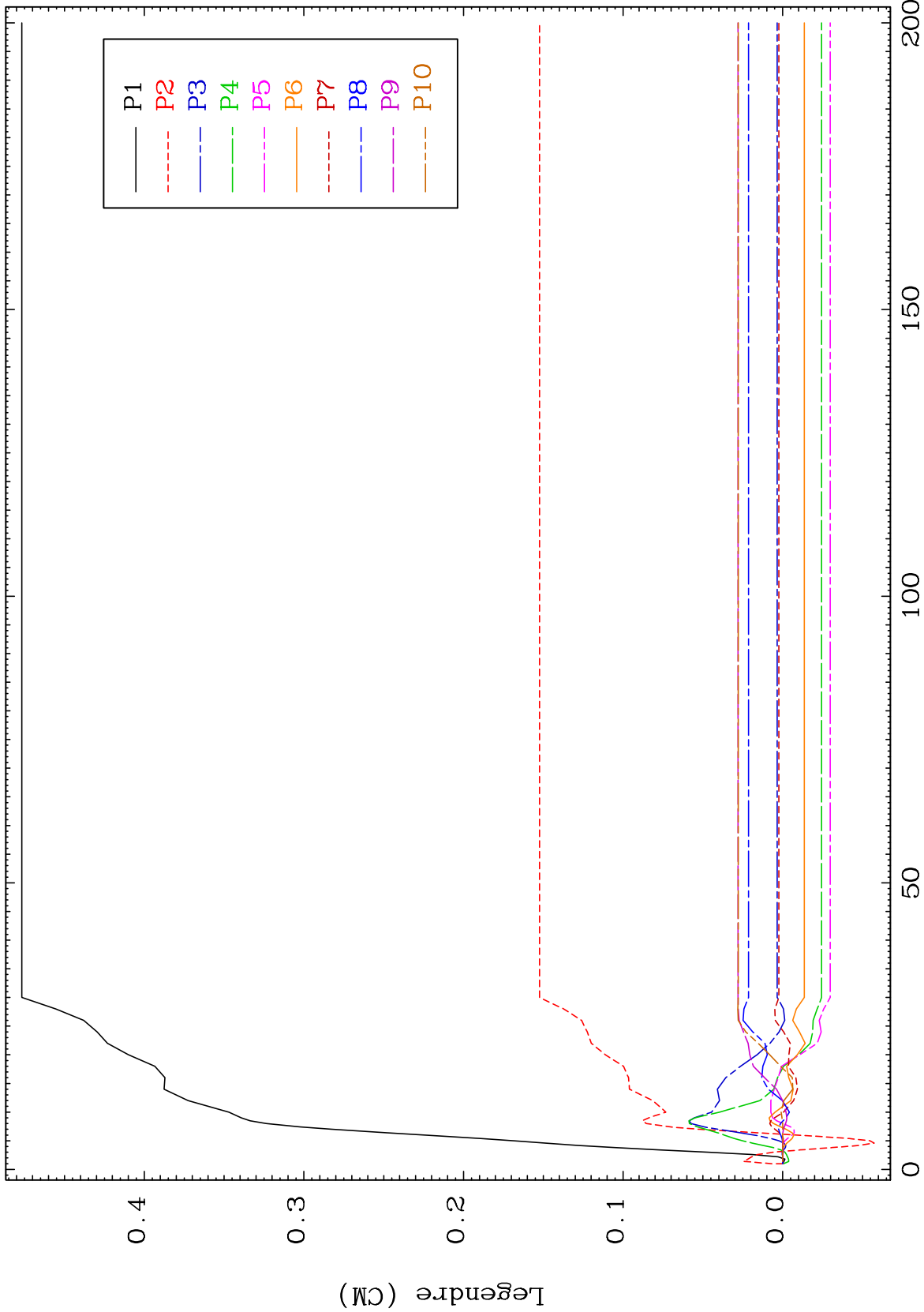
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



79-Au-200

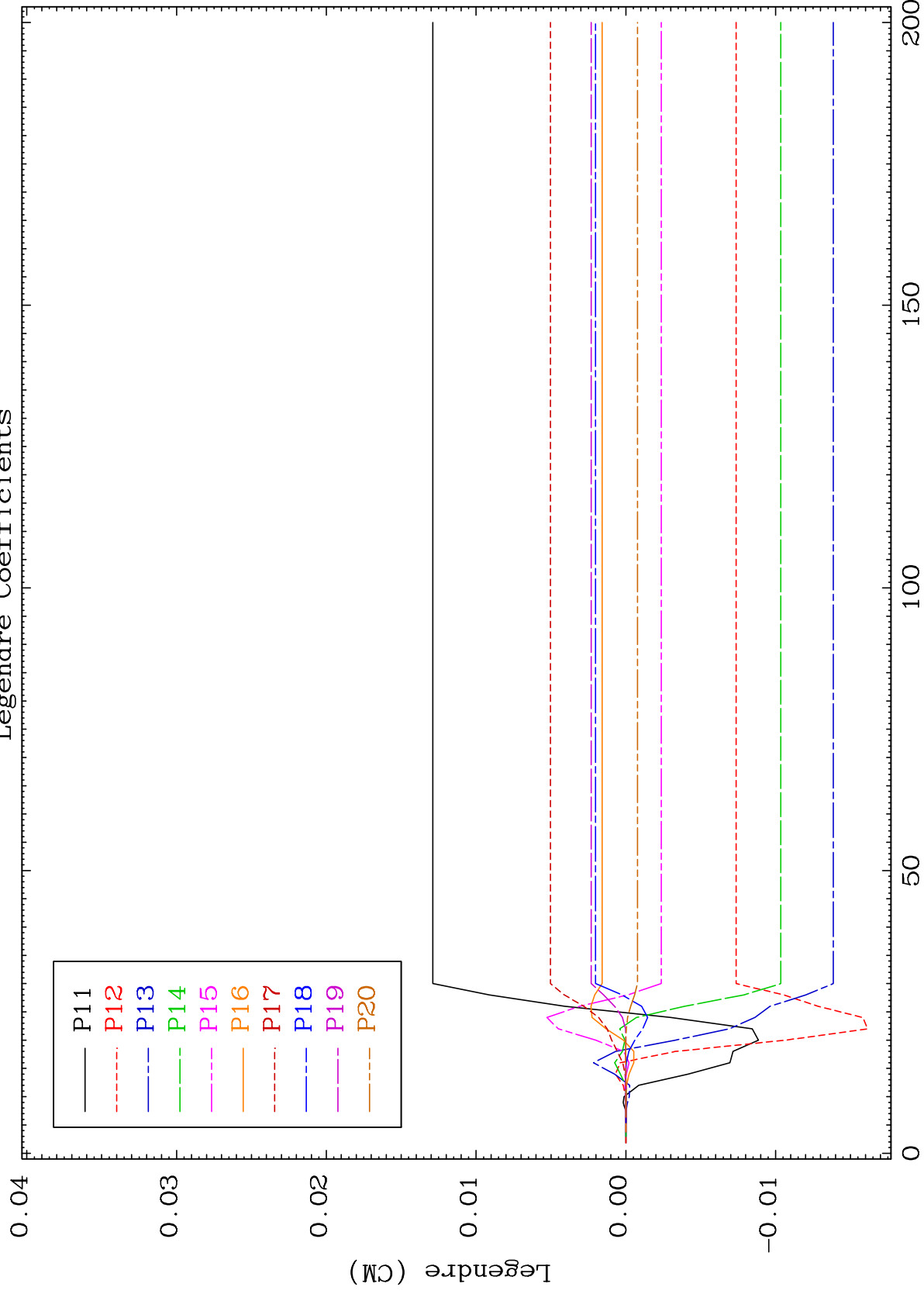
Incident Energy (MeV)

70

MAT 7934

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

79-Au-200

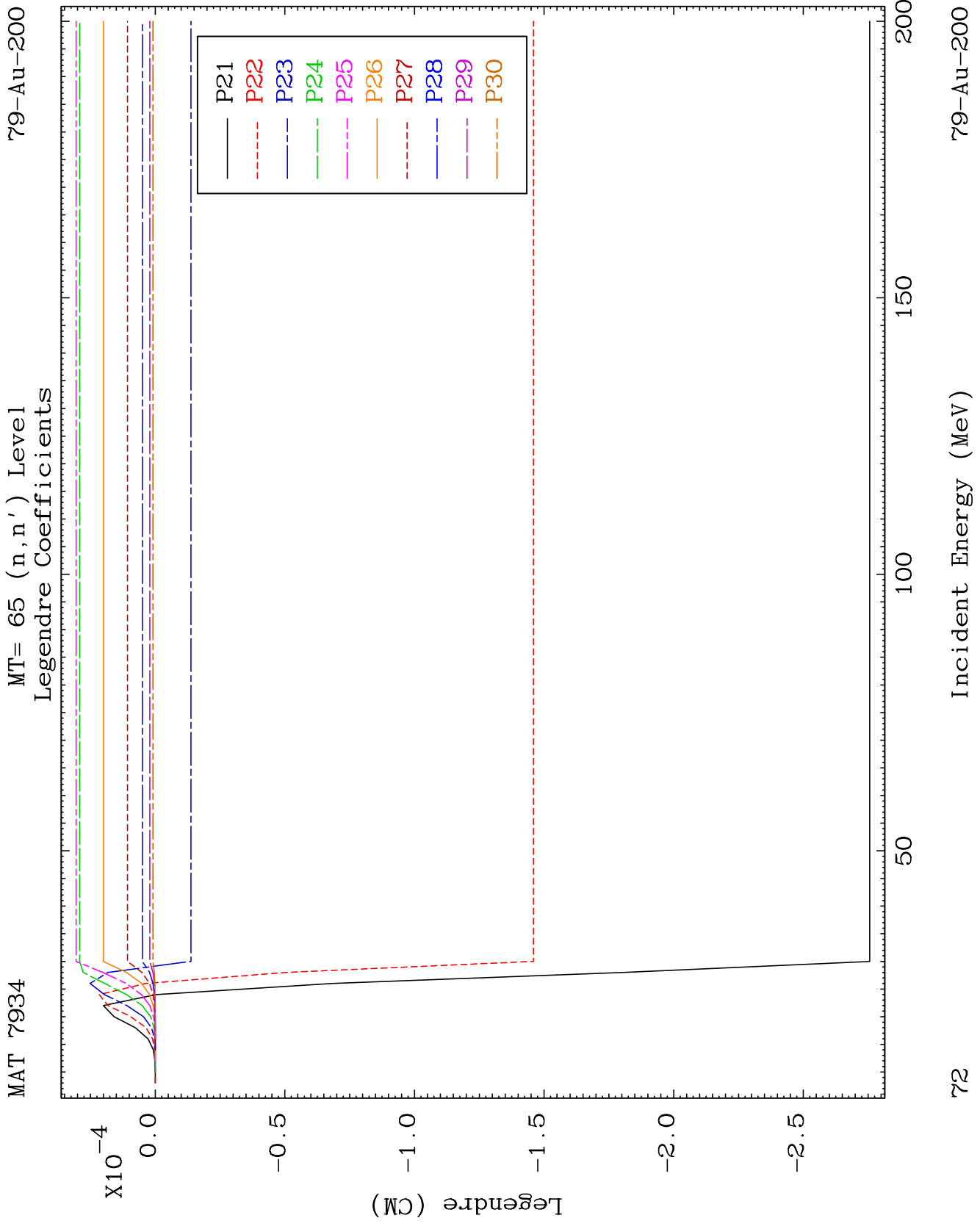


71

Incident Energy (MeV)

79-Au-200

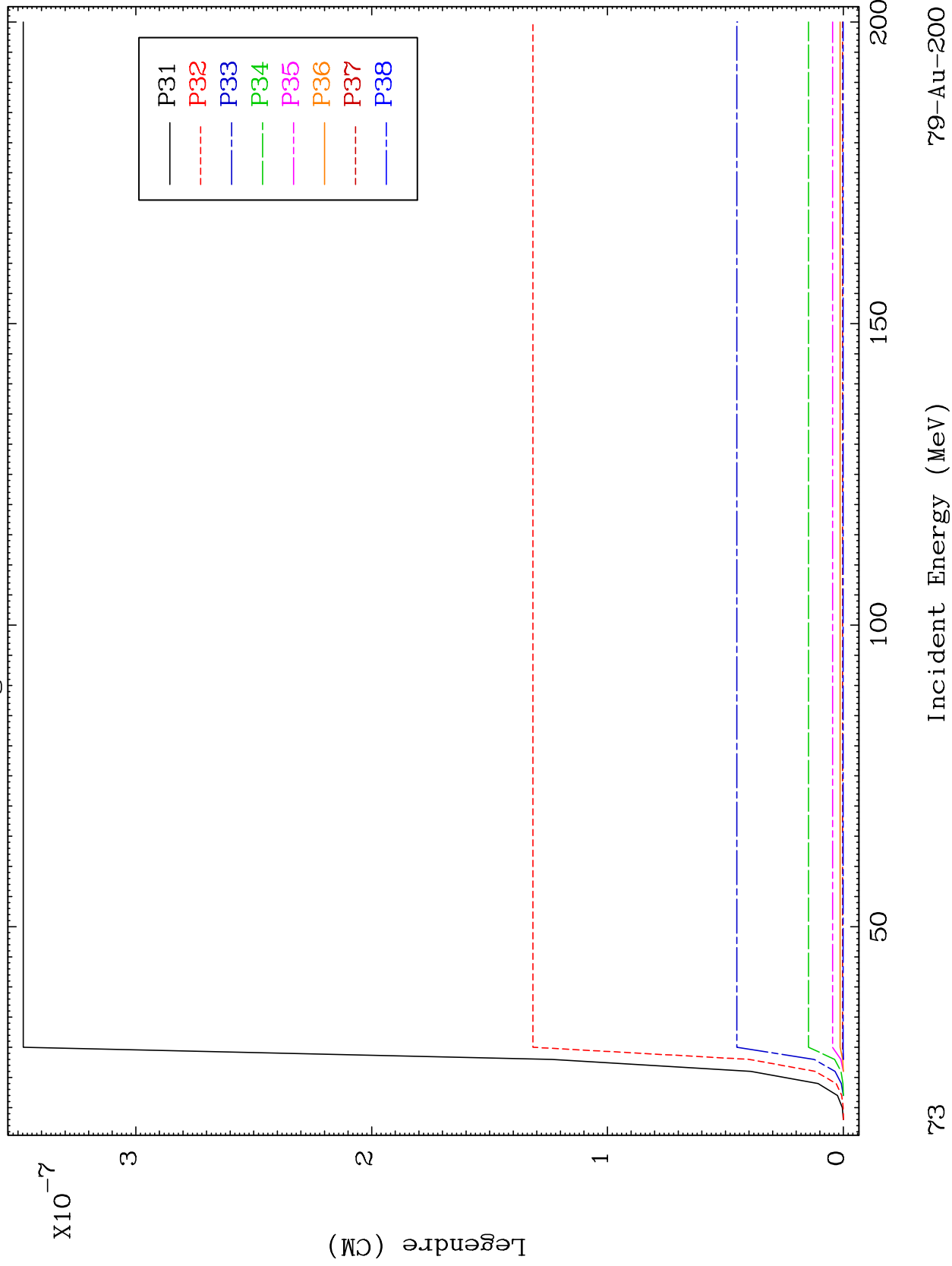




MAT 7934

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

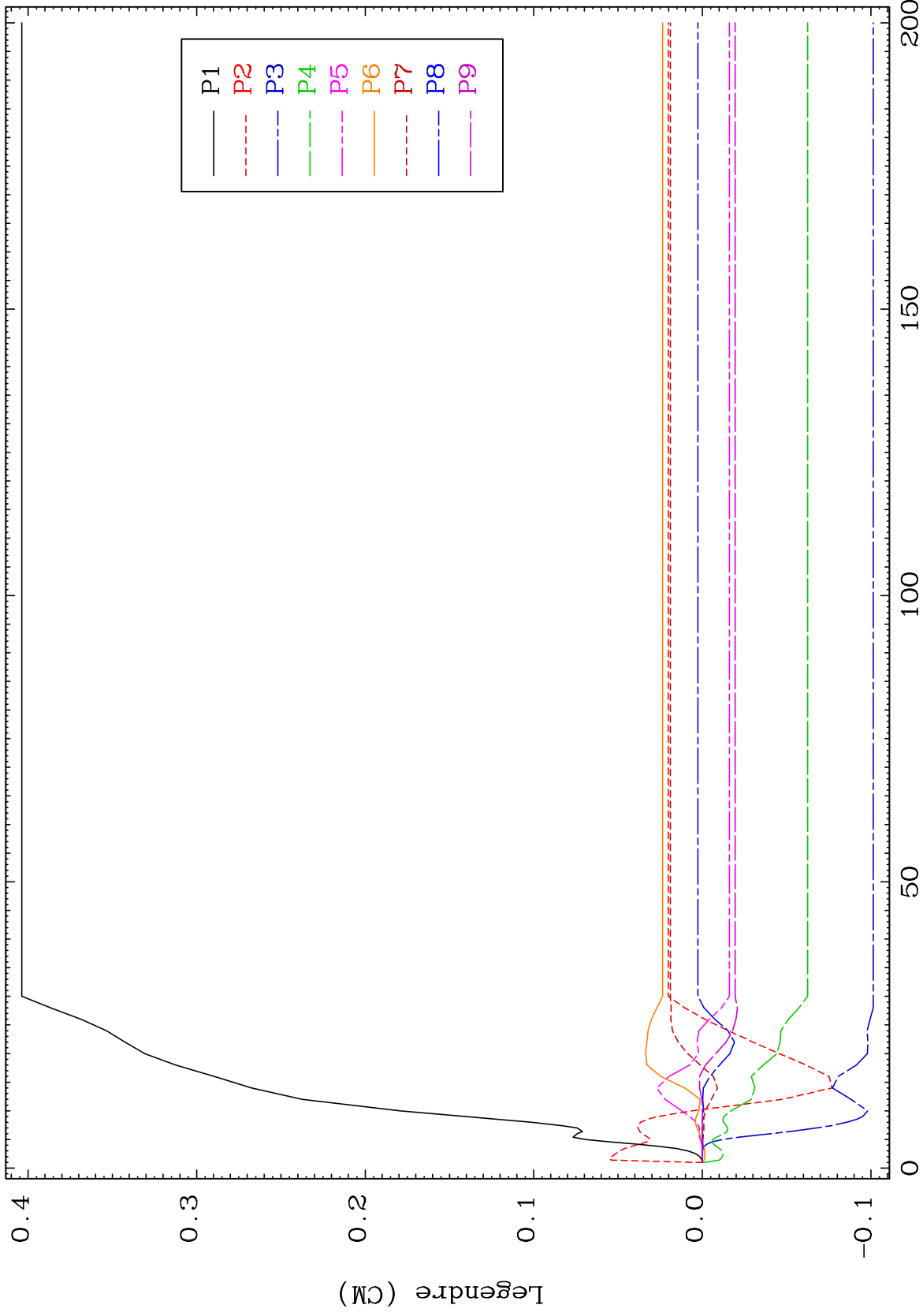
79-Au-200



MAT 7934

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

79-Au-200



74

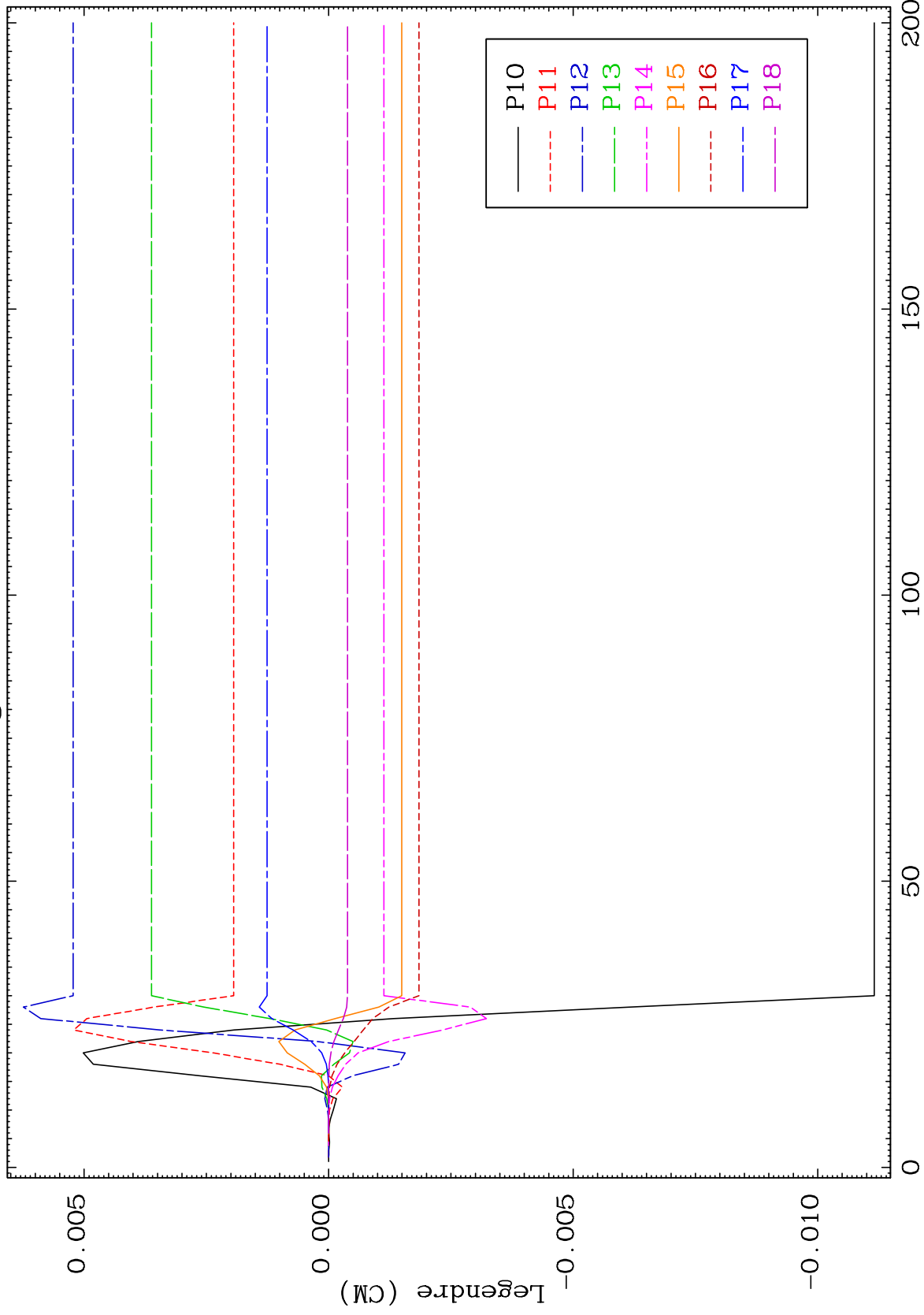
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



75

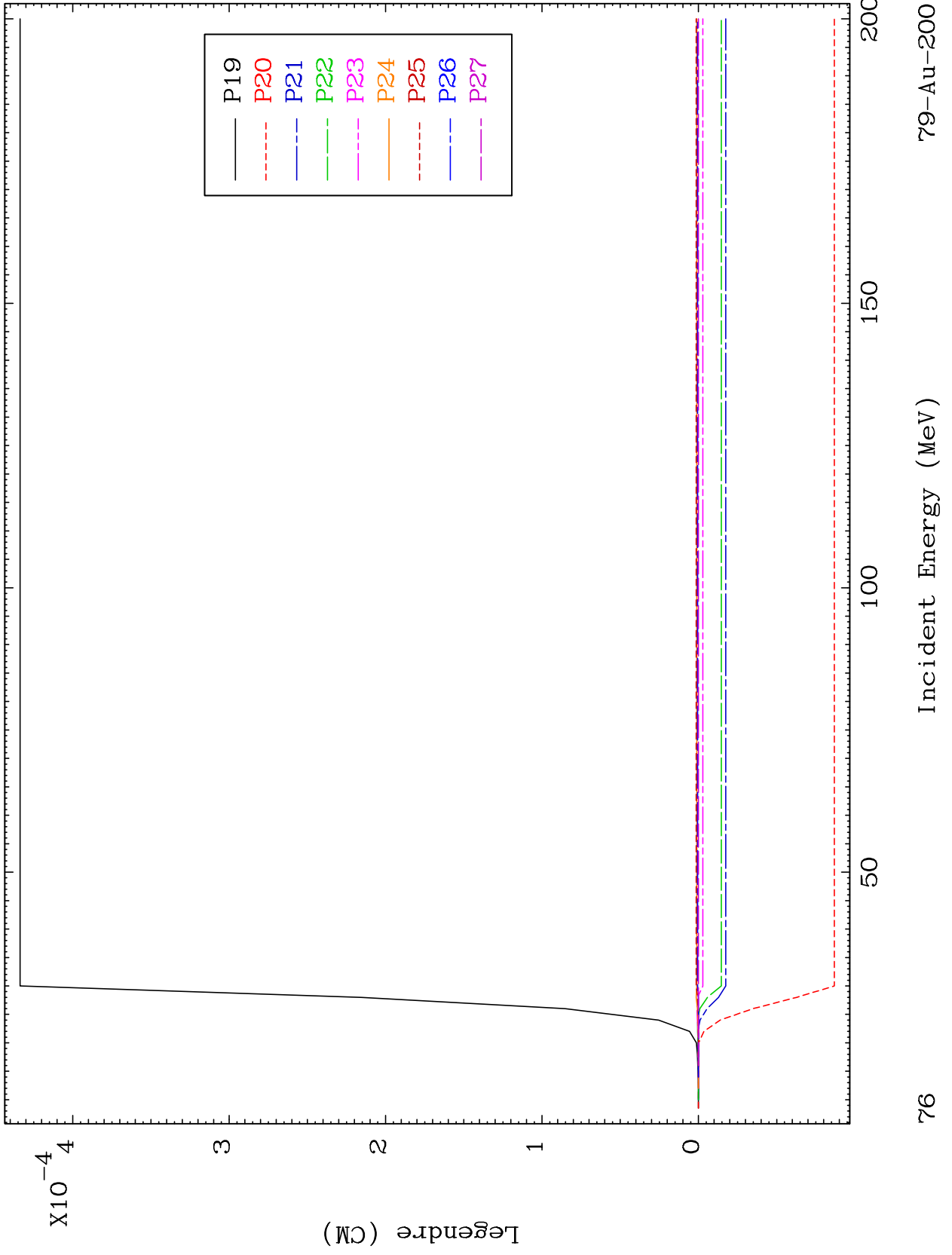
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



76

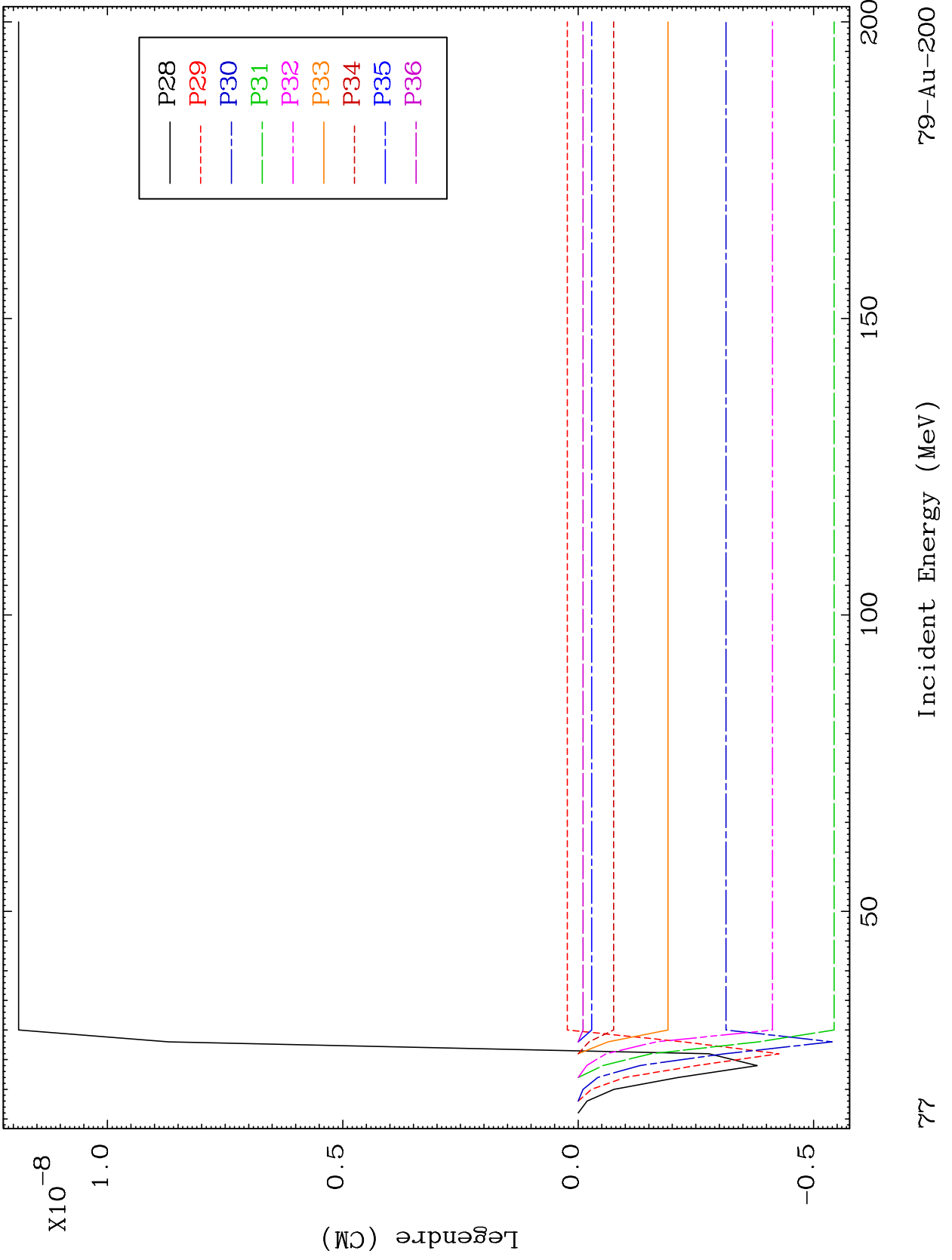
Incident Energy (MeV)

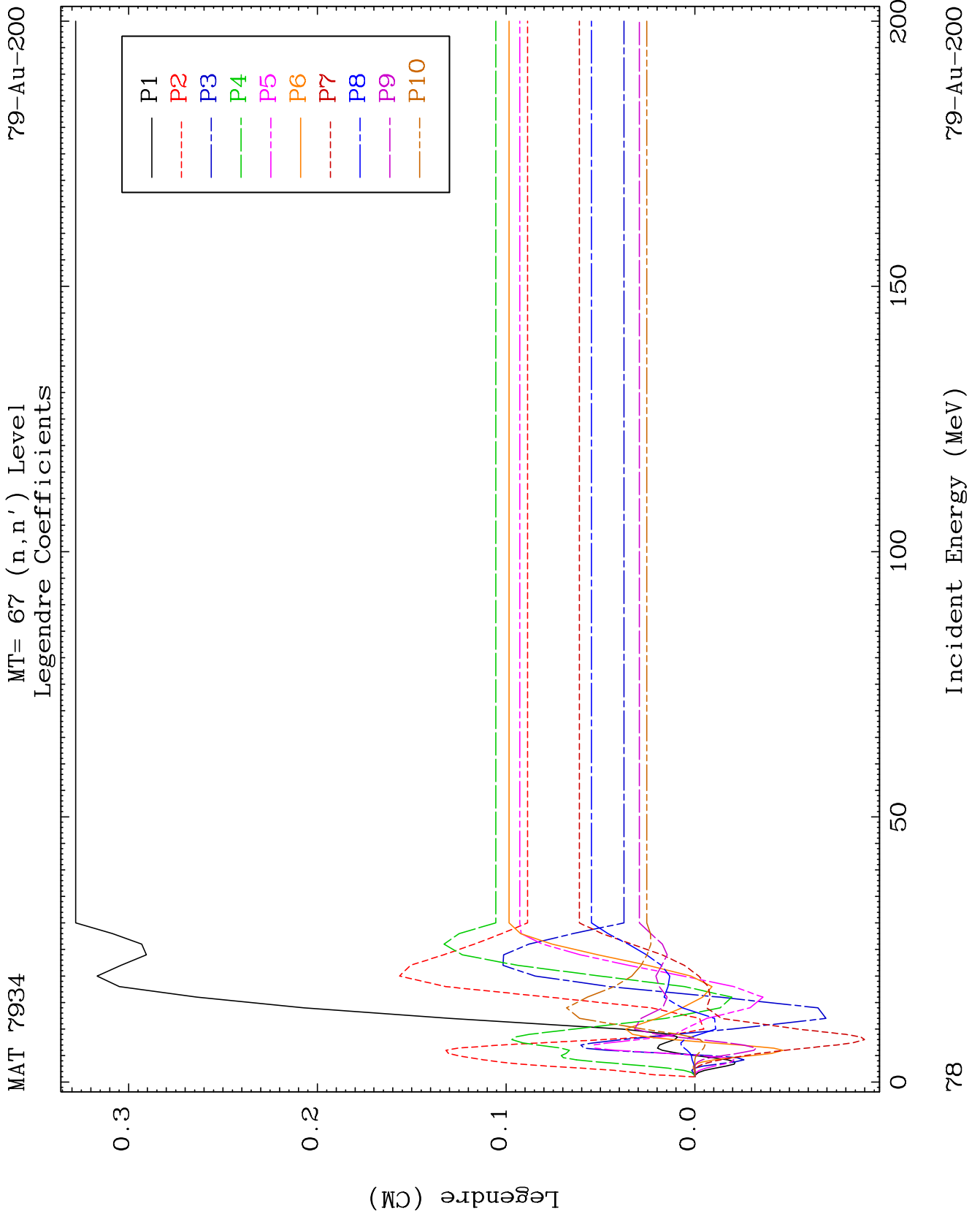
79-Au-200

MAT 7934

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

79-Au-200

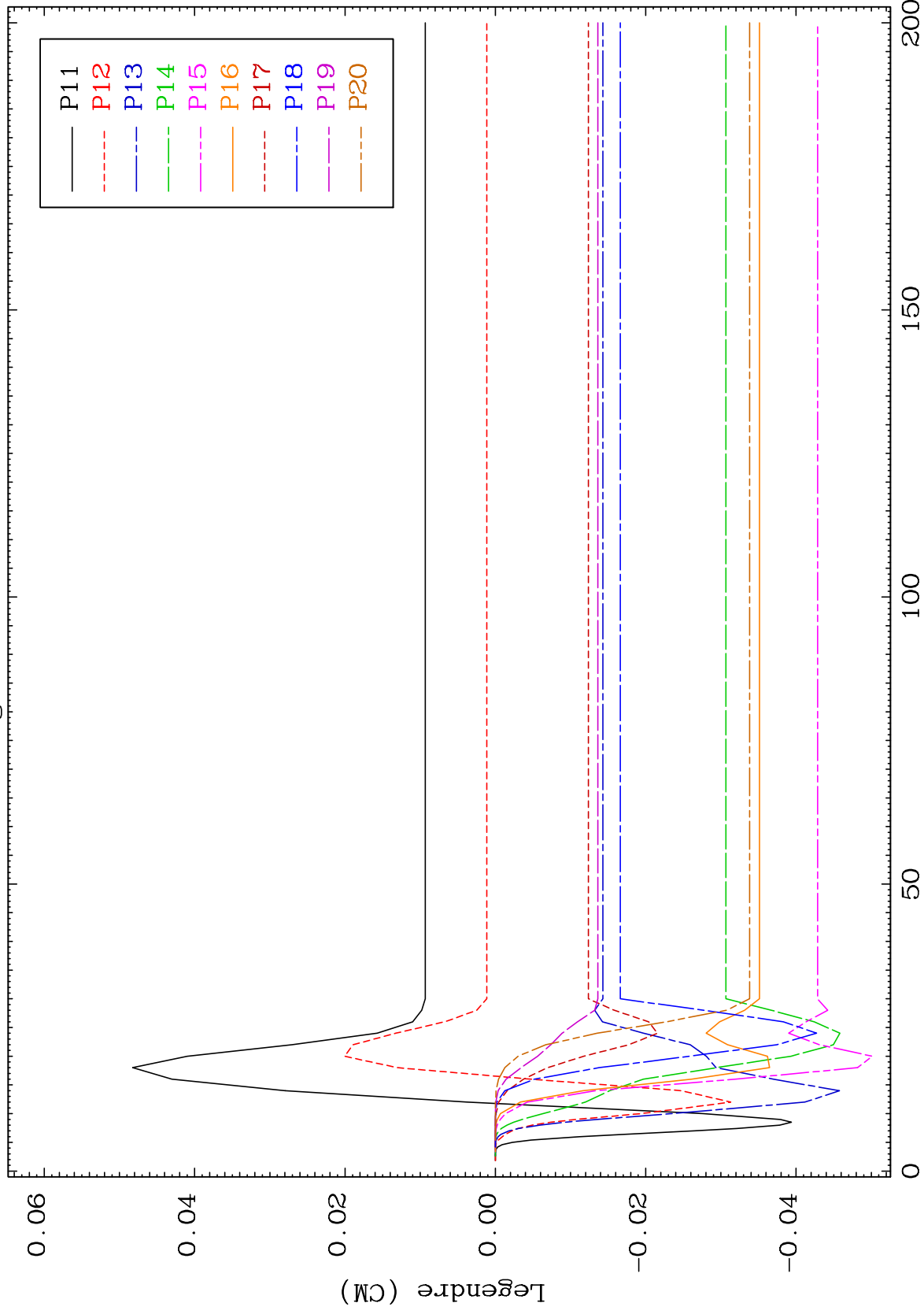




MAT 7934

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

79-Au-200



79

Incident Energy (MeV)

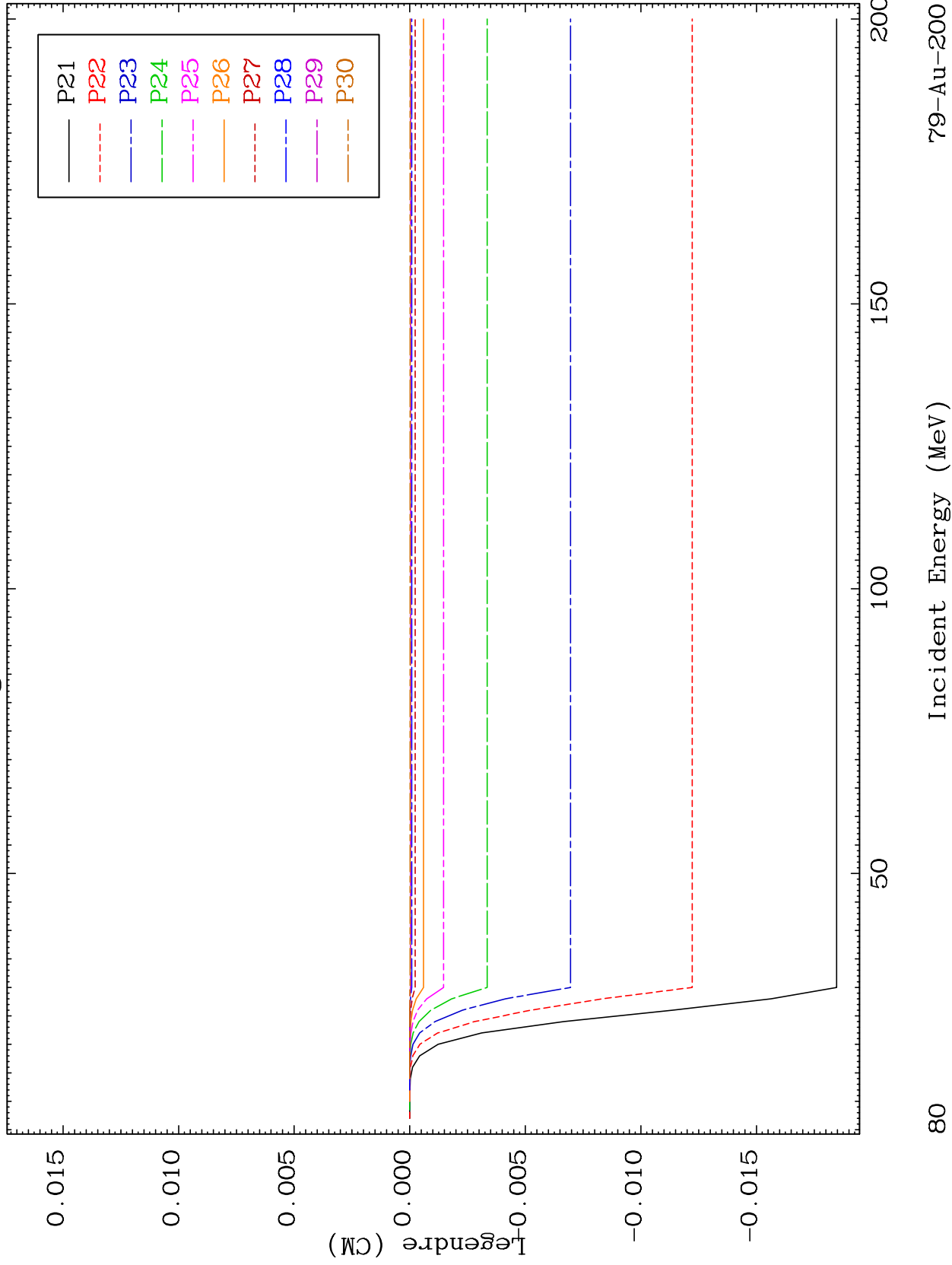
79-Au-200



MAT 7934

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

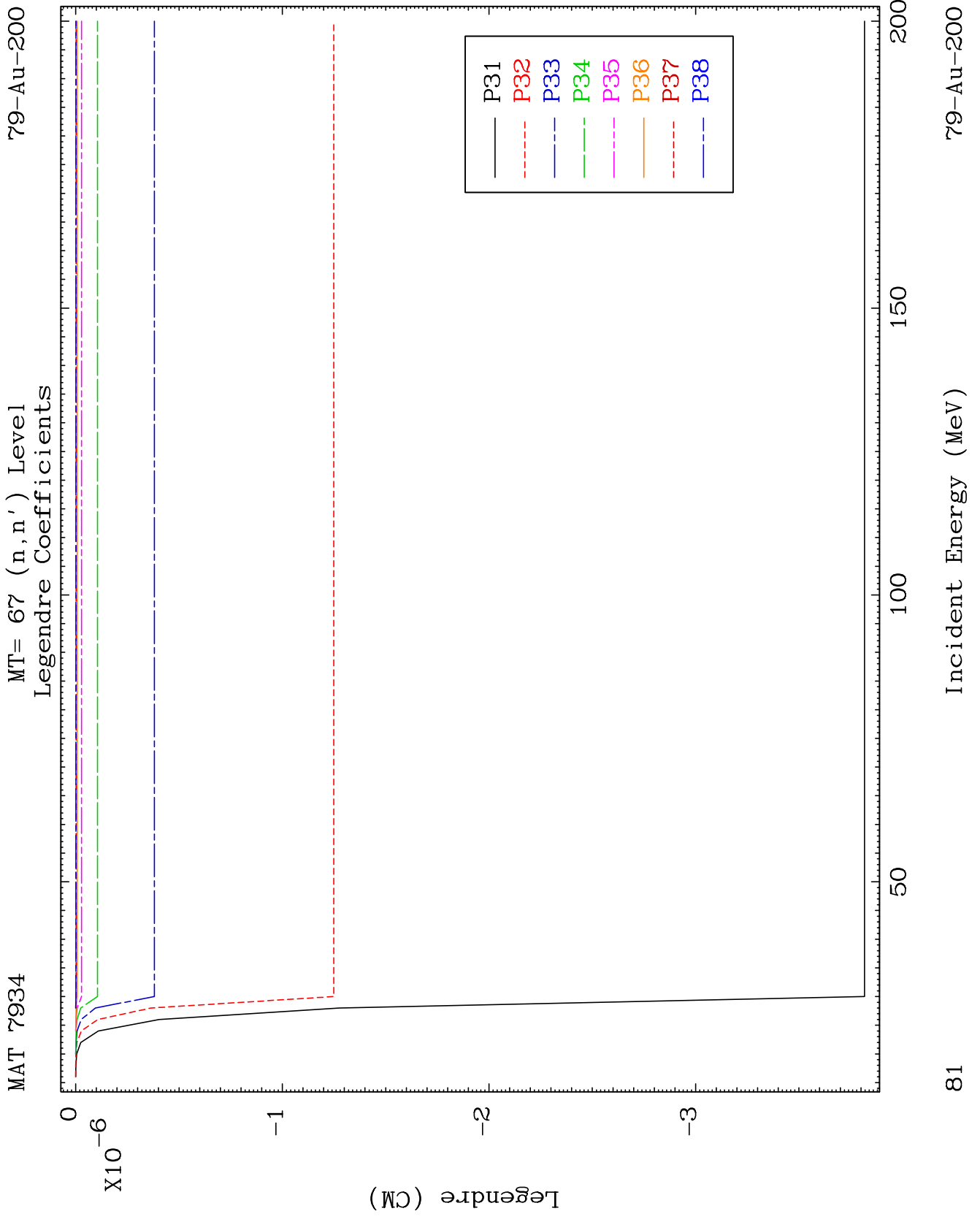
79-Au-200



80

Incident Energy (MeV)

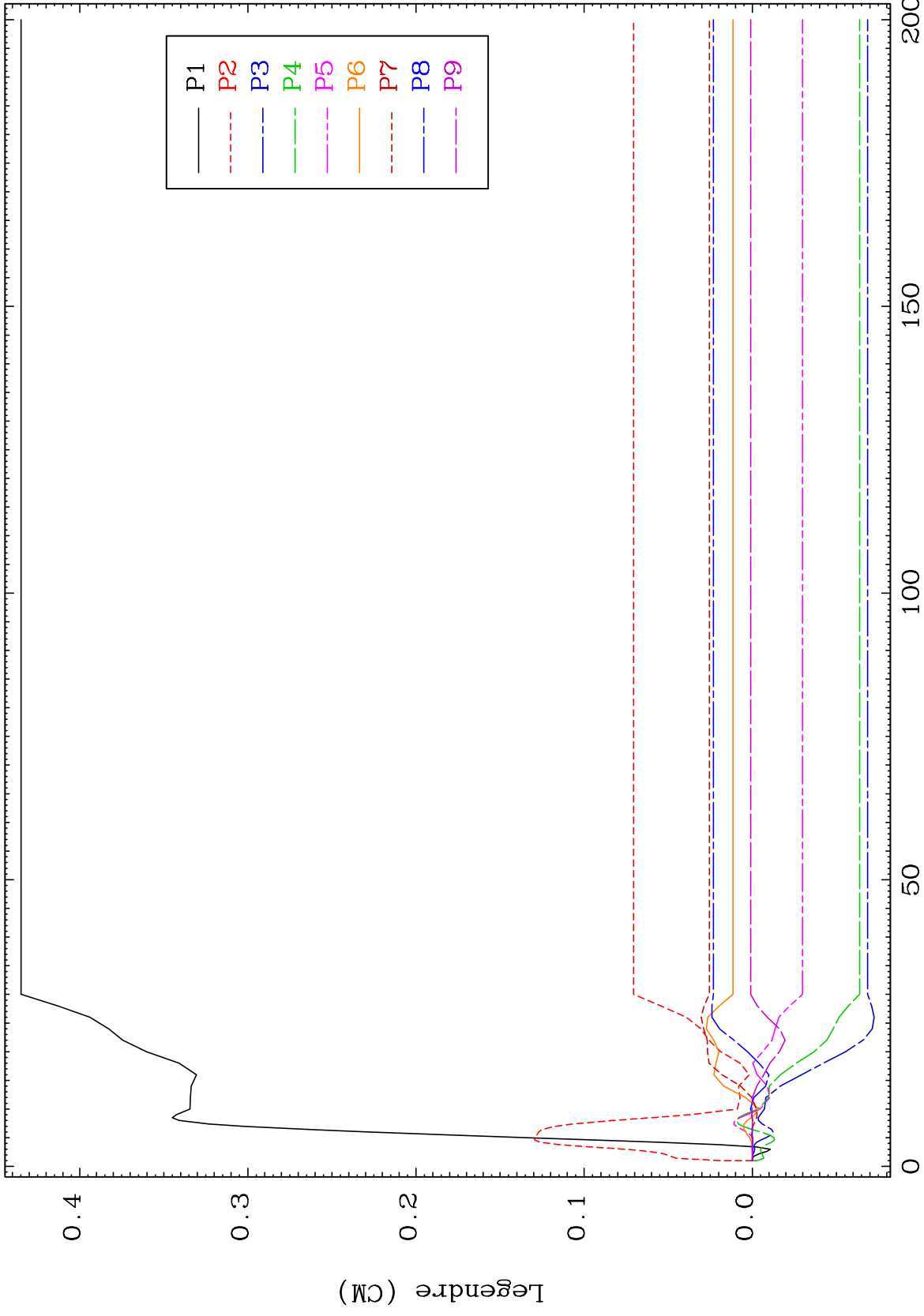
79-Au-200



MAT 7934

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

79-Au-200



82

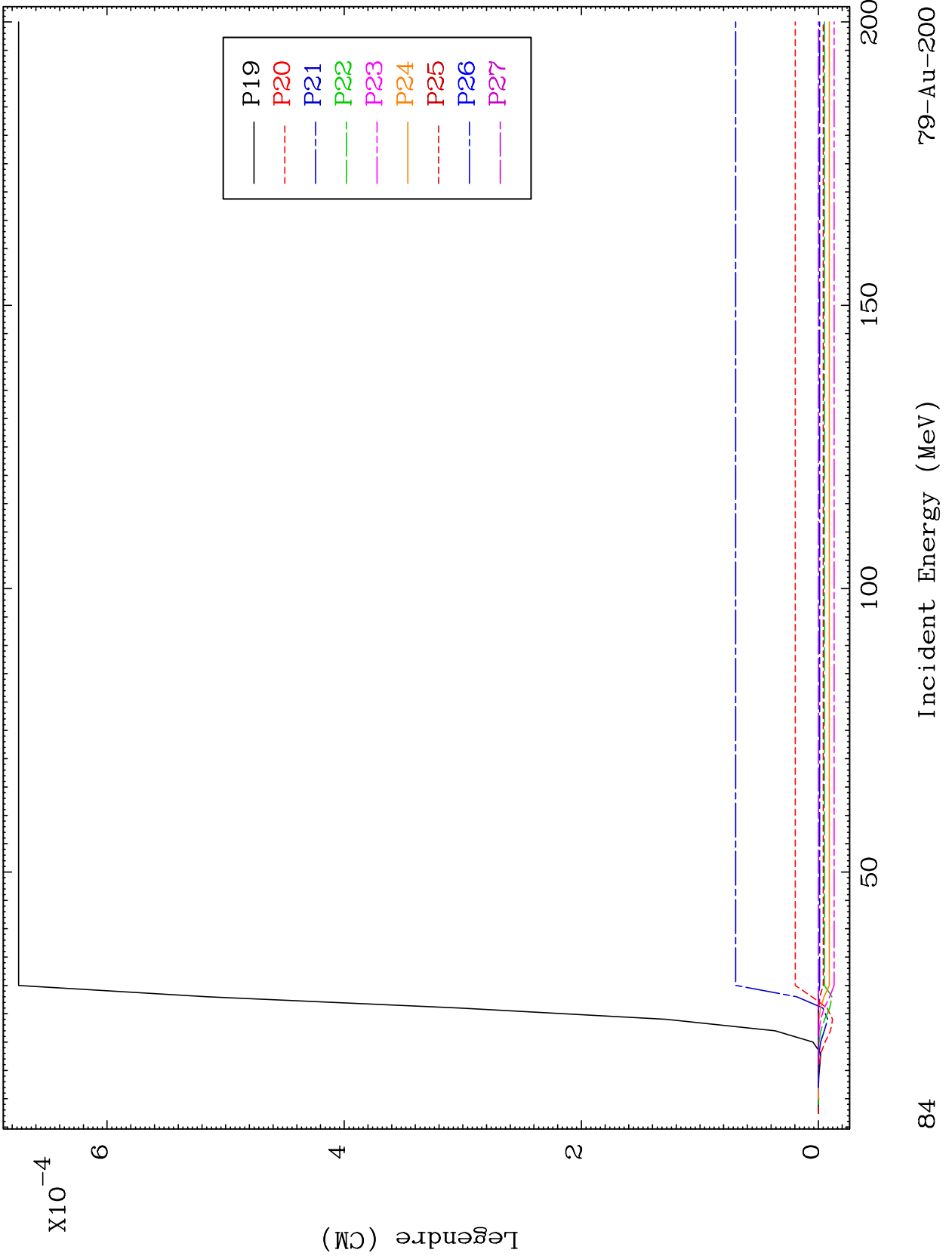
79-Au-200



MAT 7934

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

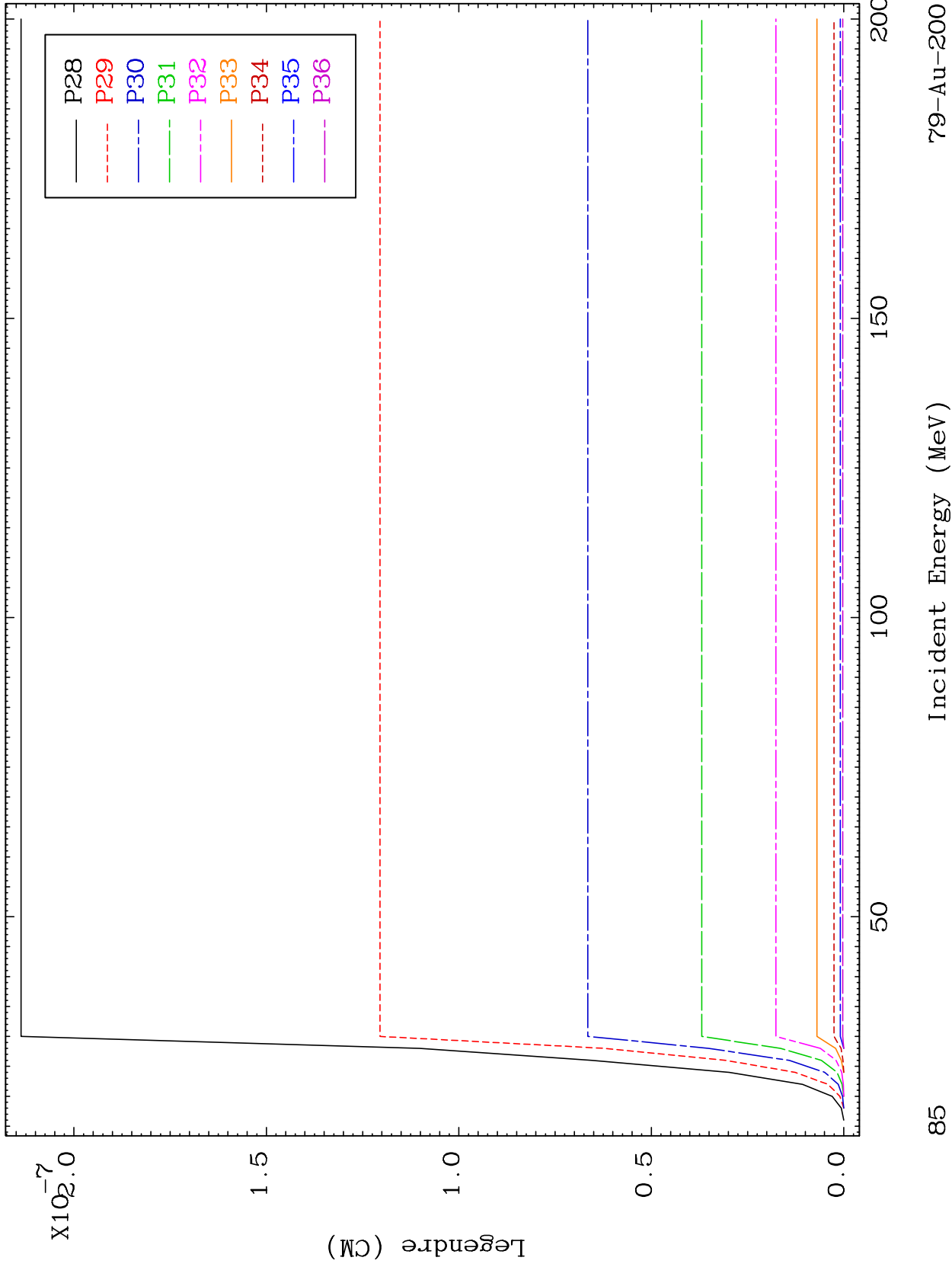
79-Au-200



MAT 7934

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

79-Au-200



85

Incident Energy (MeV)

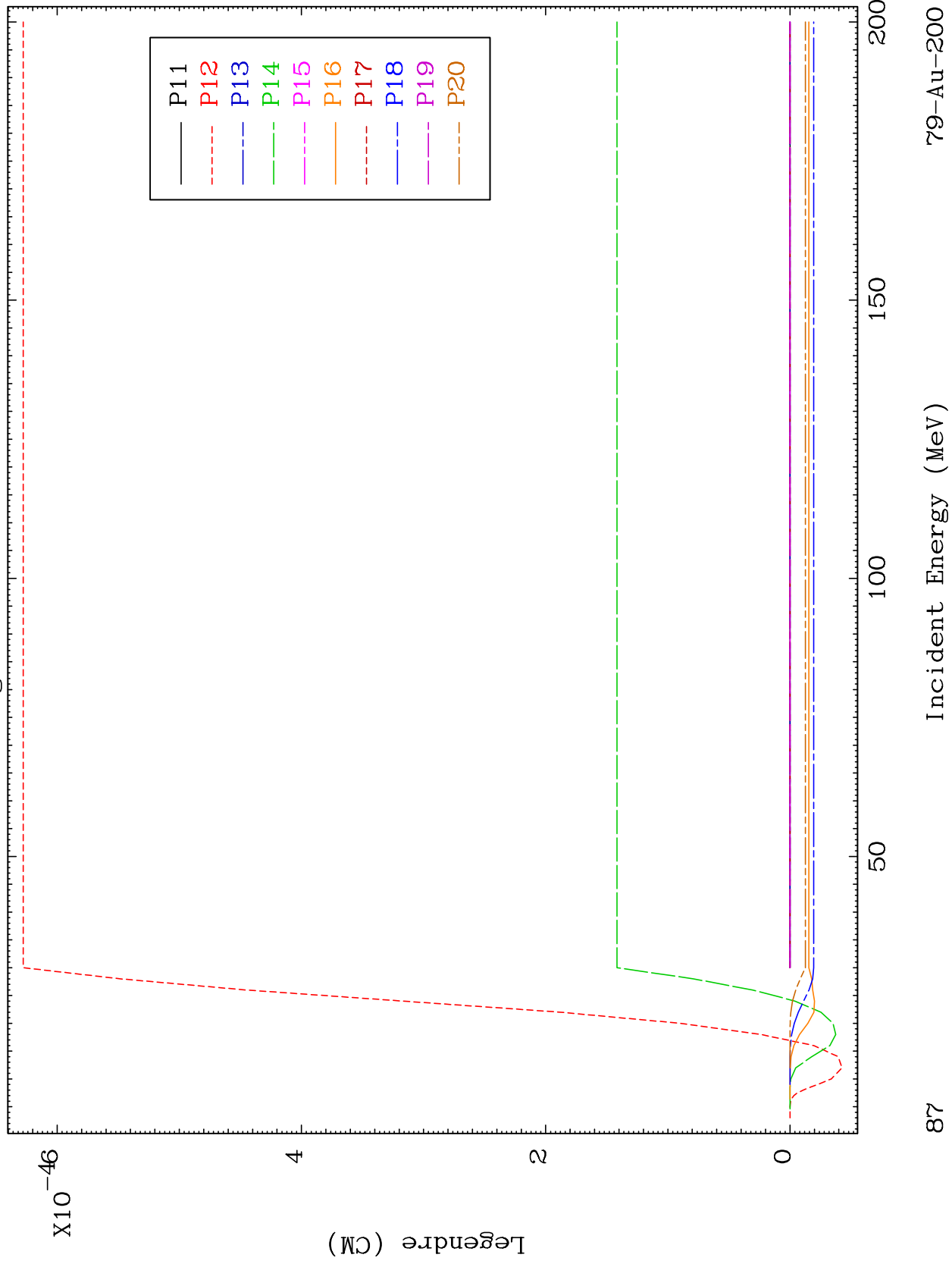
79-Au-200



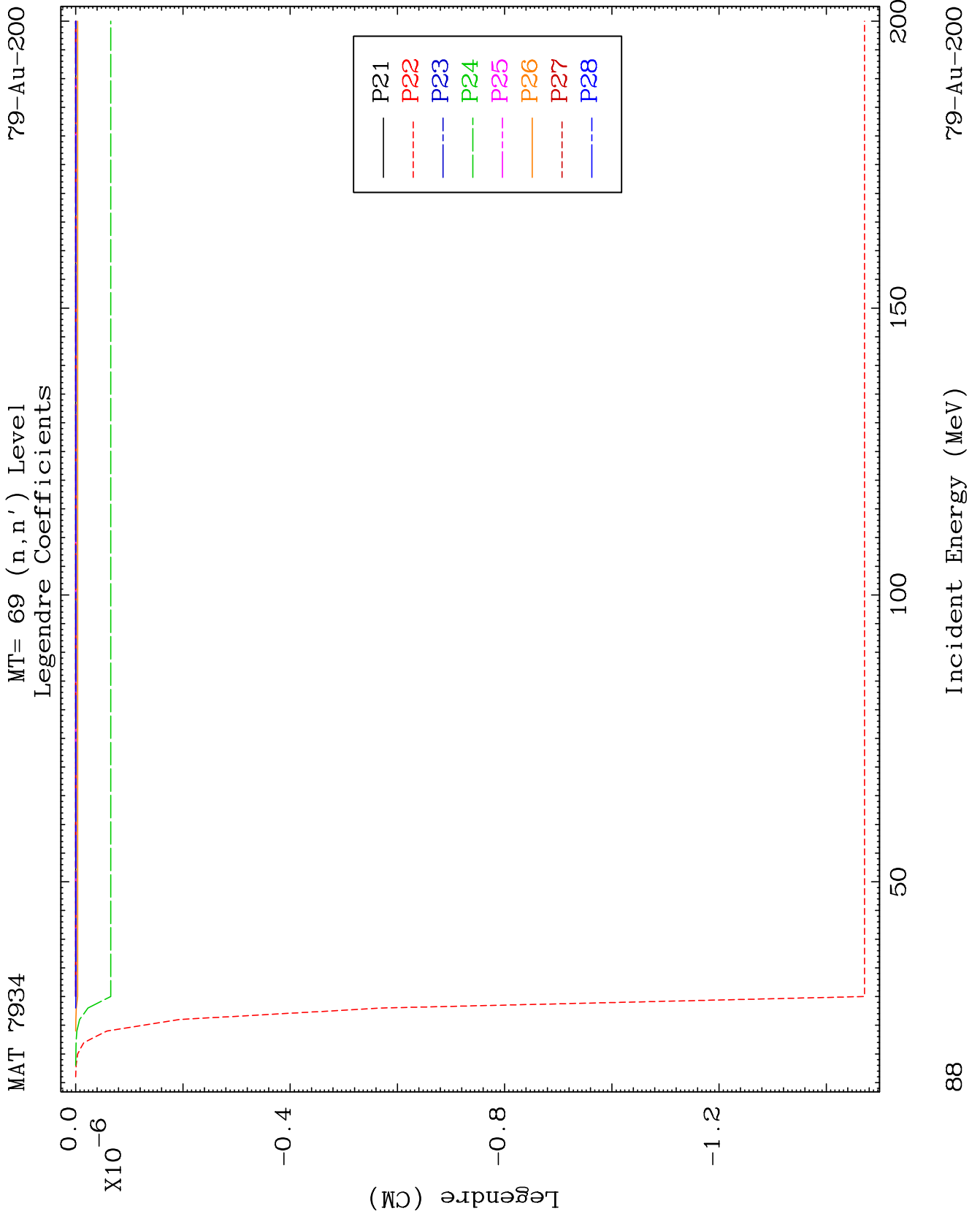
MAT 7934

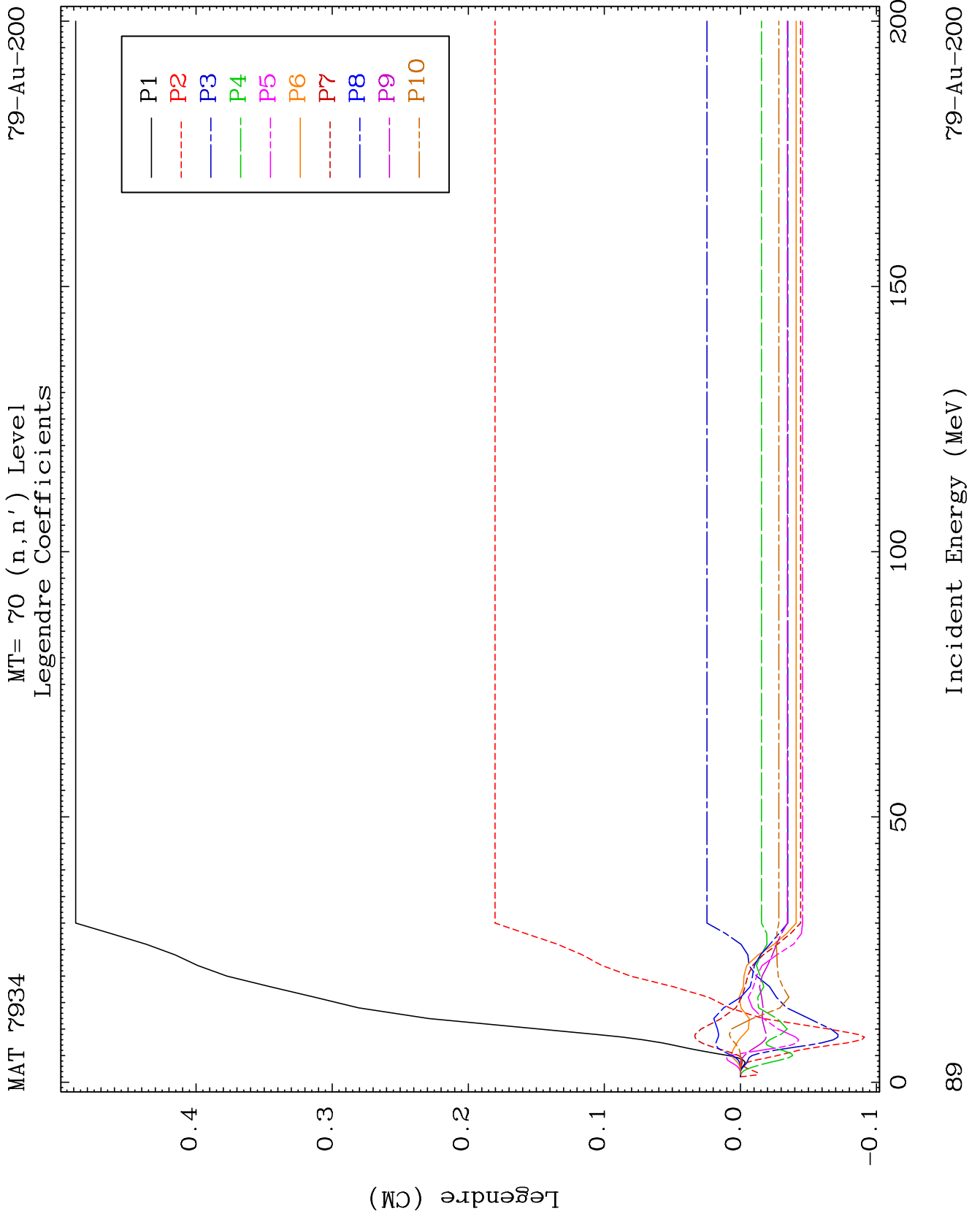
MT= 69 (n,n') Level  
Legendre Coefficients

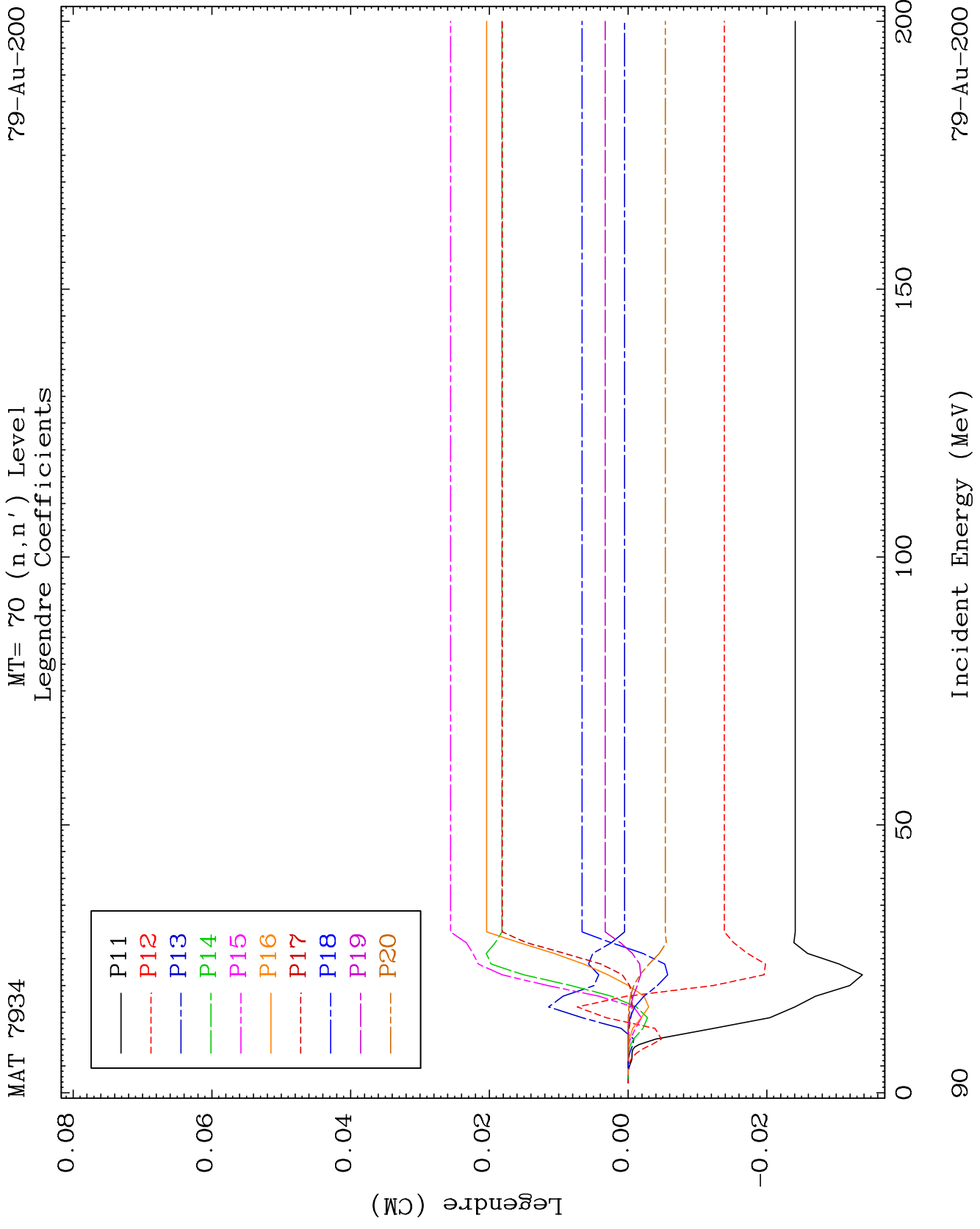
79-Au-200







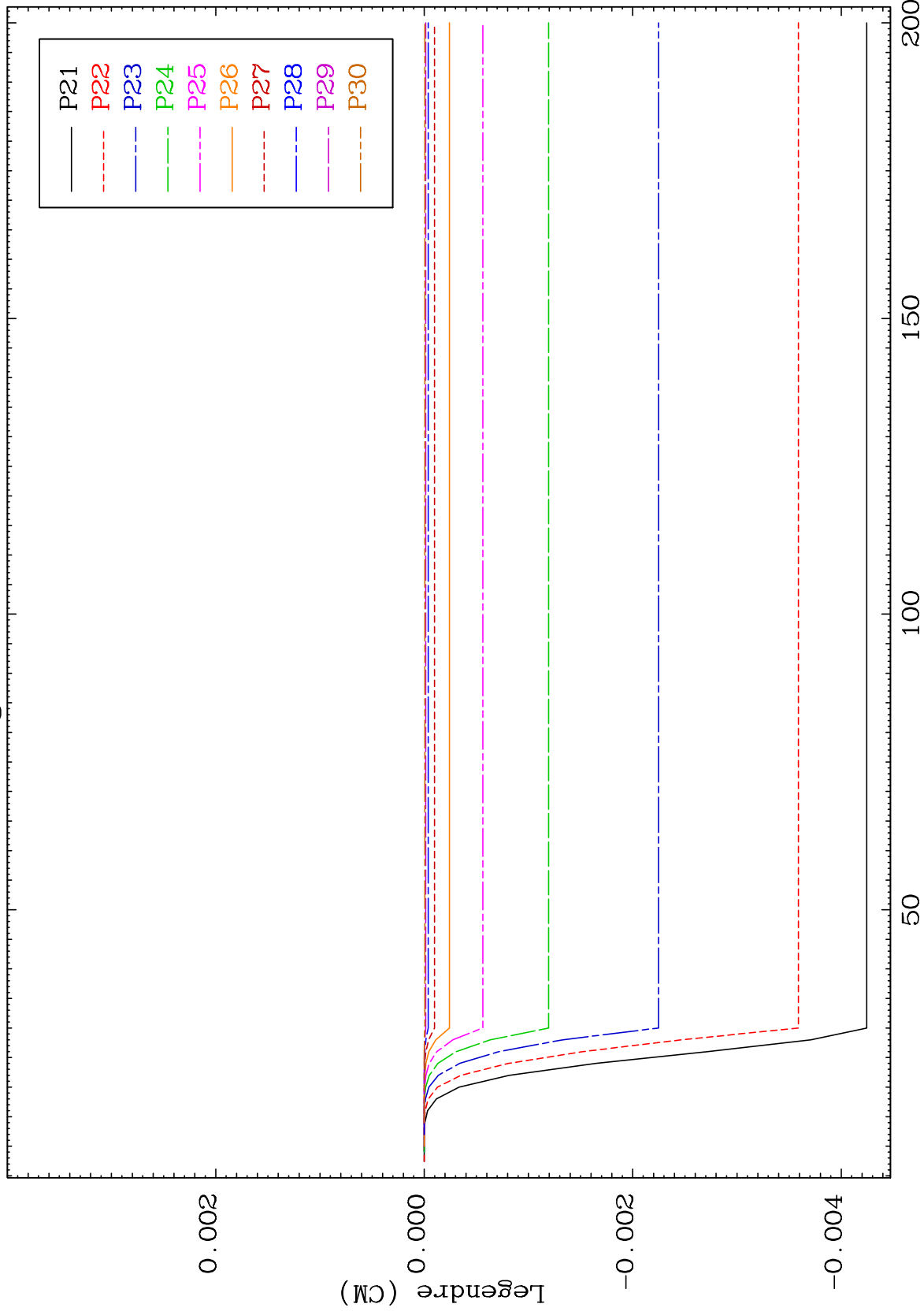




MAT 7934

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

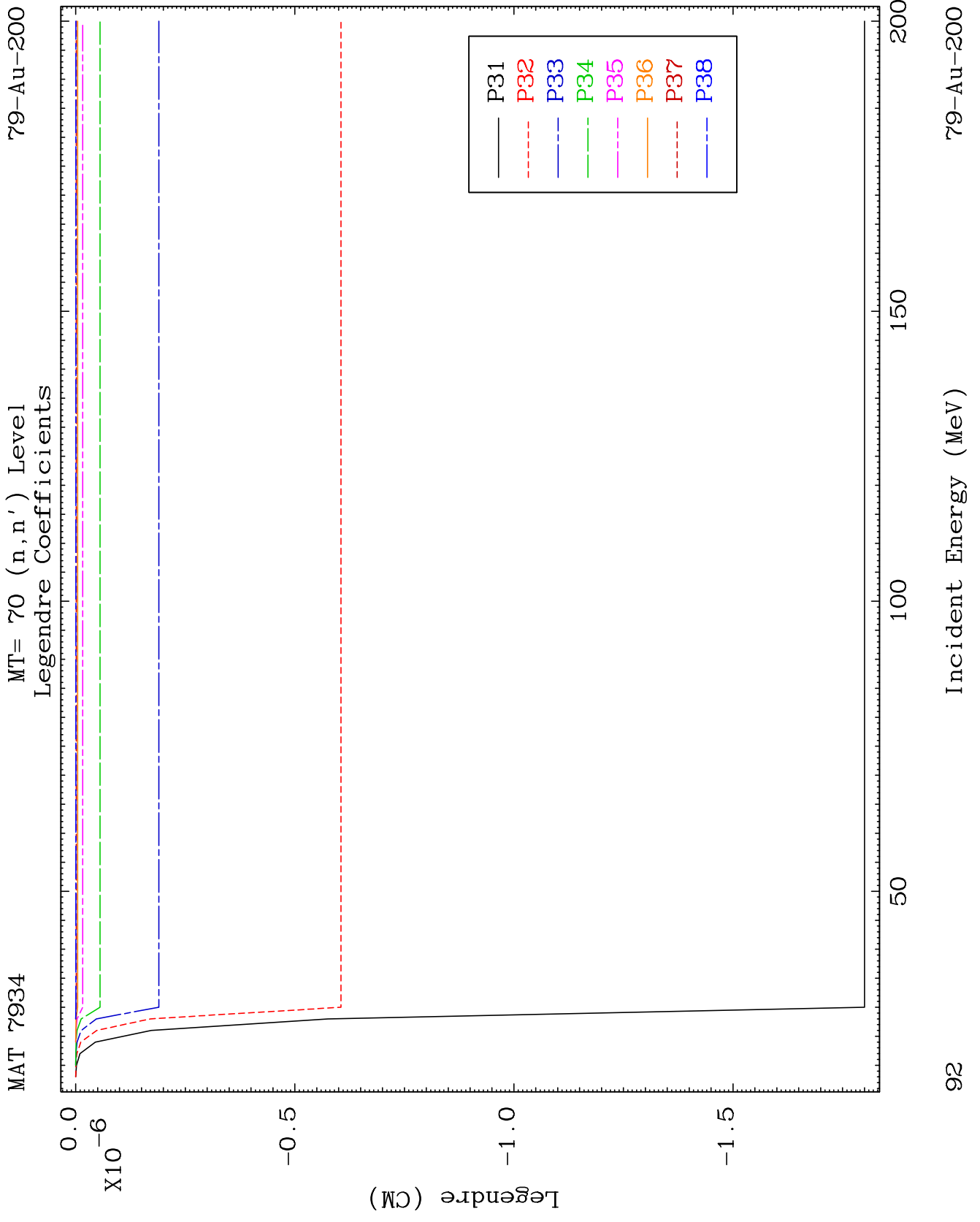
79-Au-200

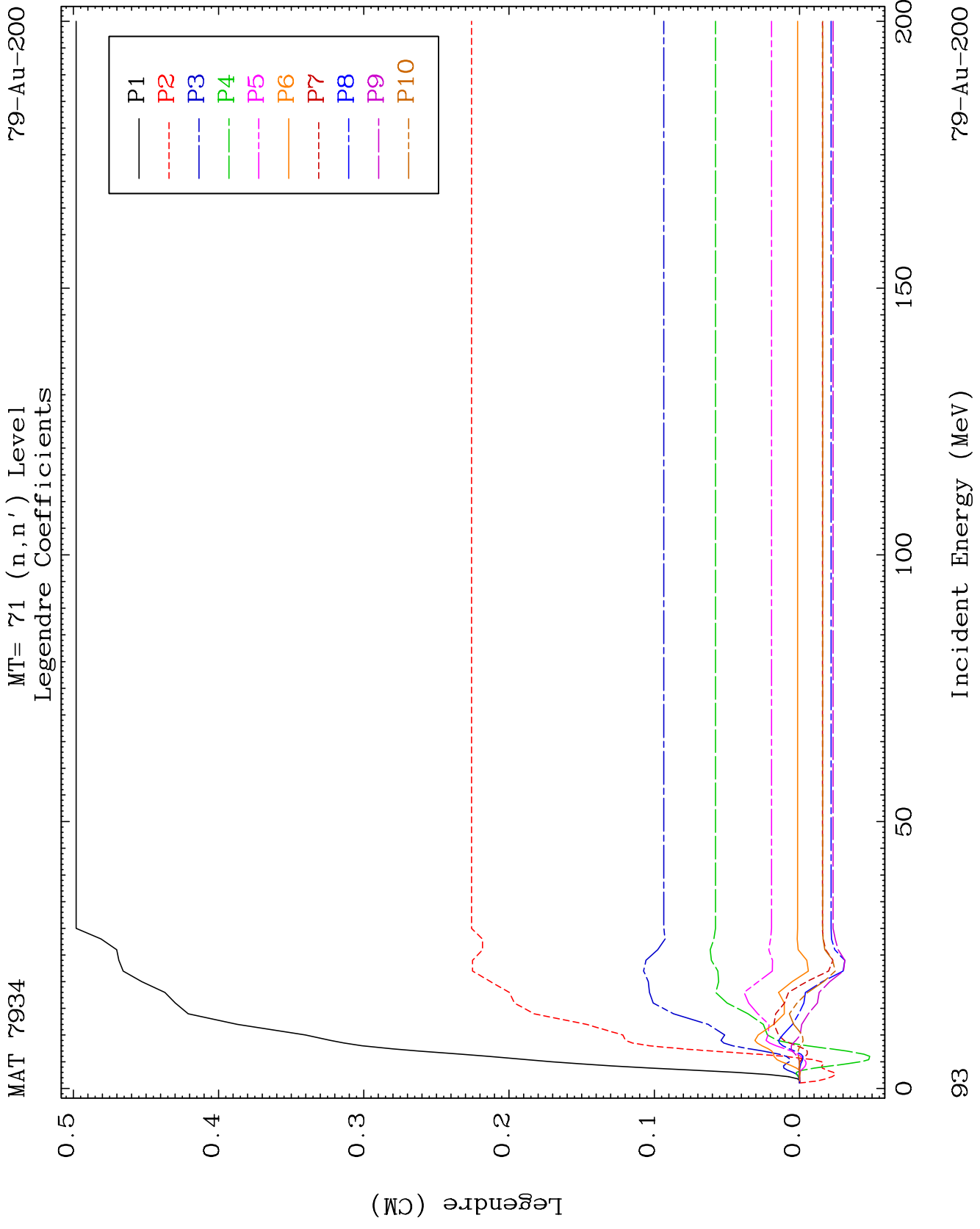


91

Incident Energy (MeV)

79-Au-200

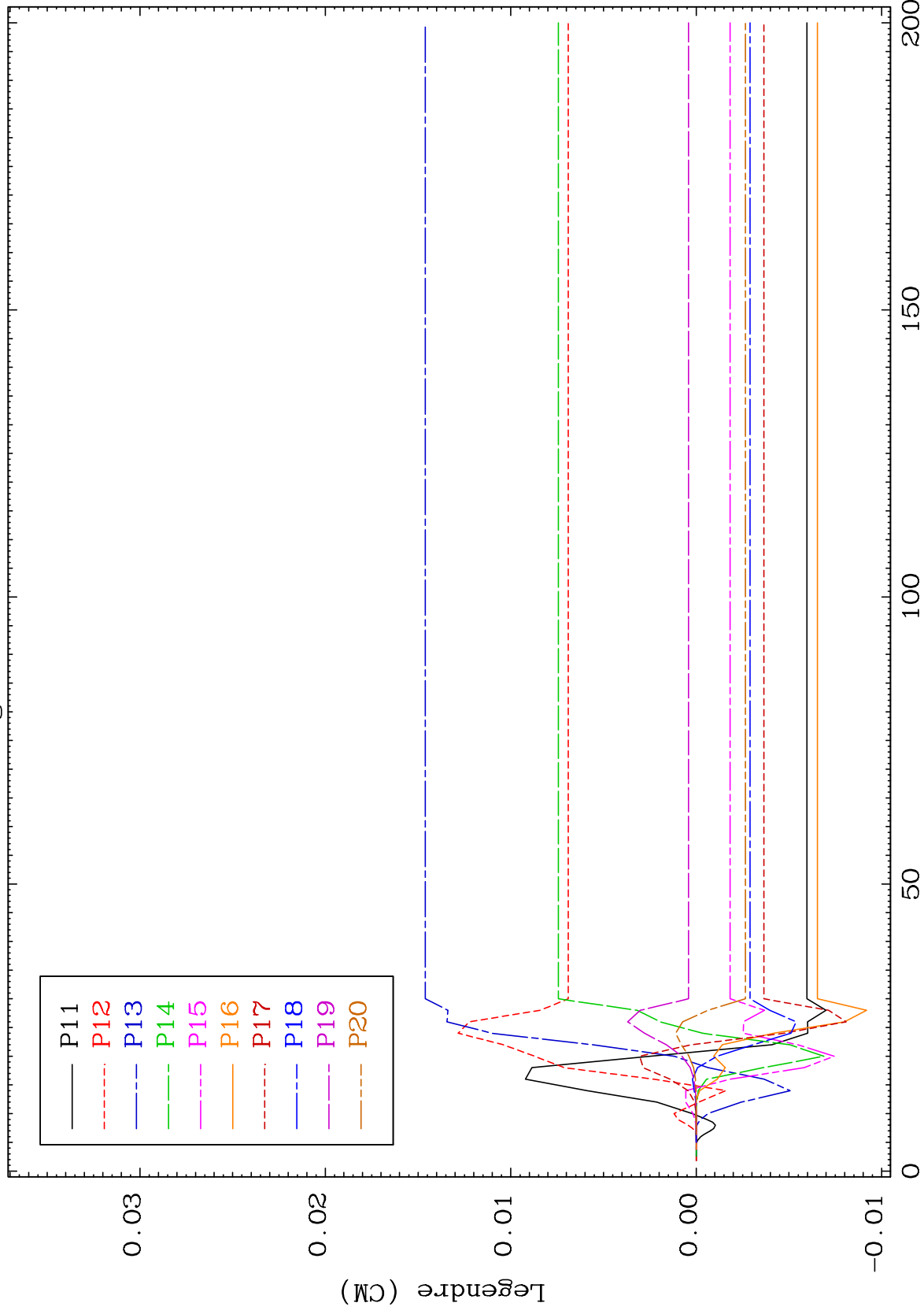




MAT 7934

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

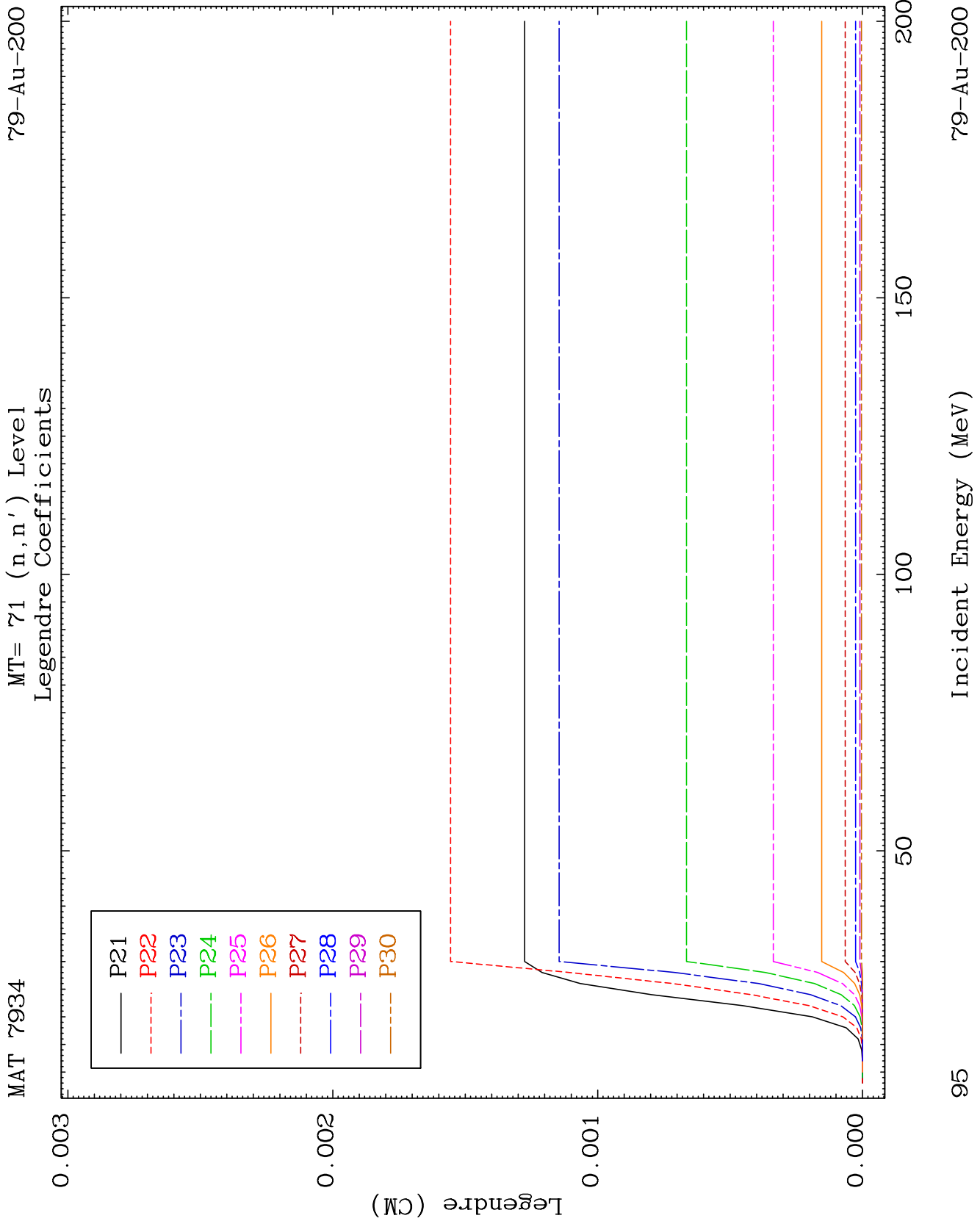
79-Au-200



94

Incident Energy (MeV)

79-Au-200

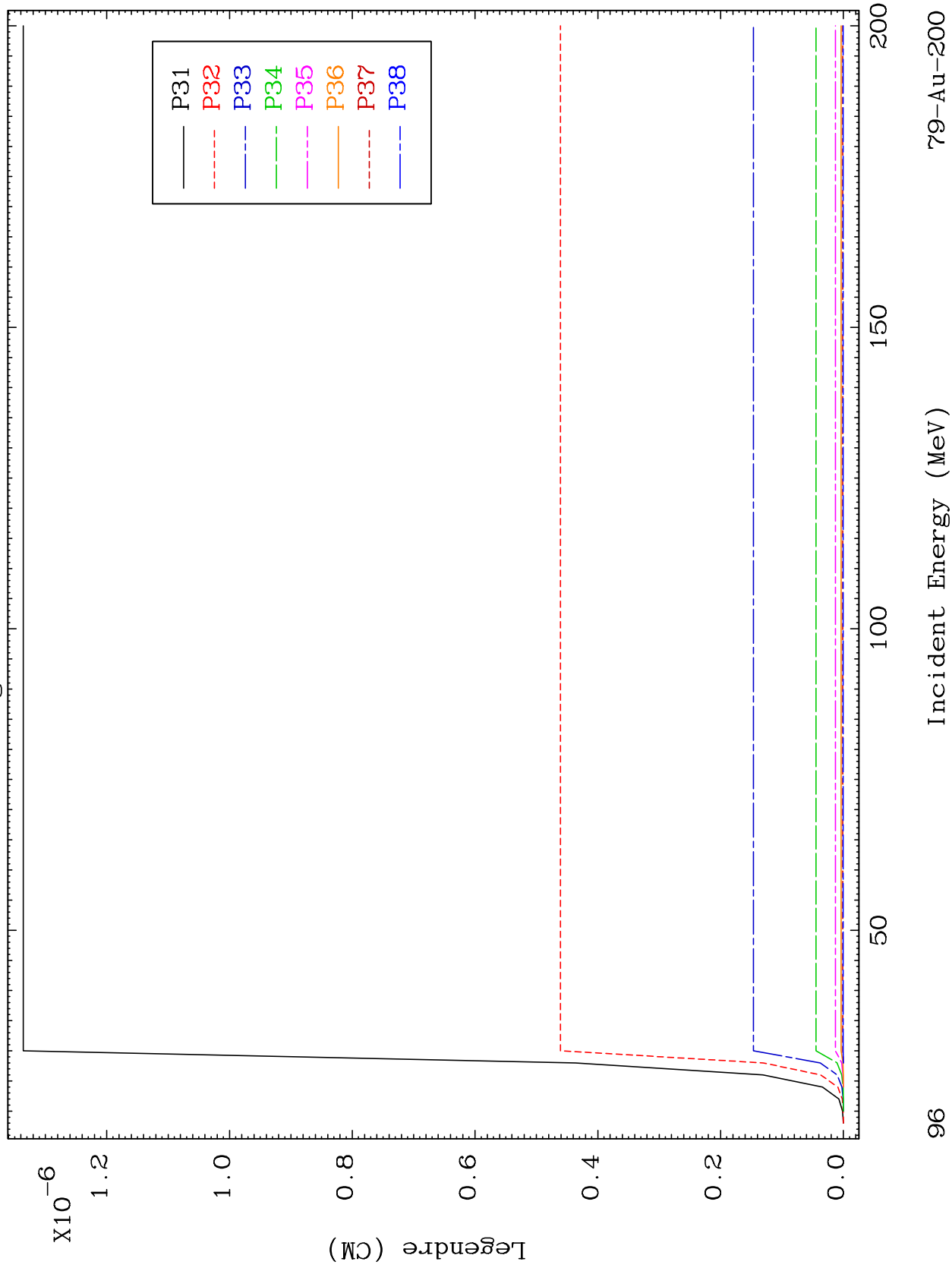




MAT 7934

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

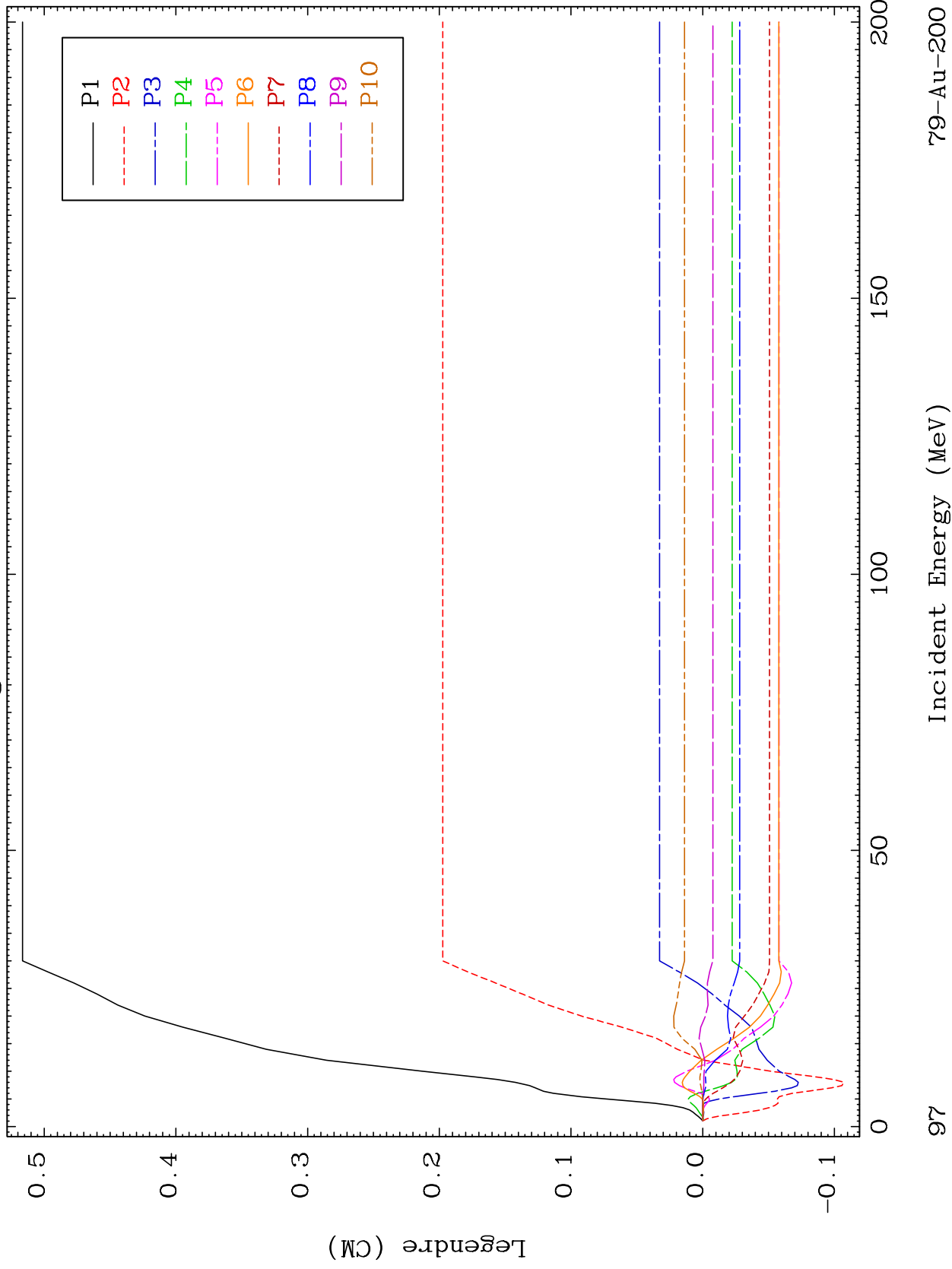
79-Au-200



MAT 7934

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

79-Au-200



79-Au-200

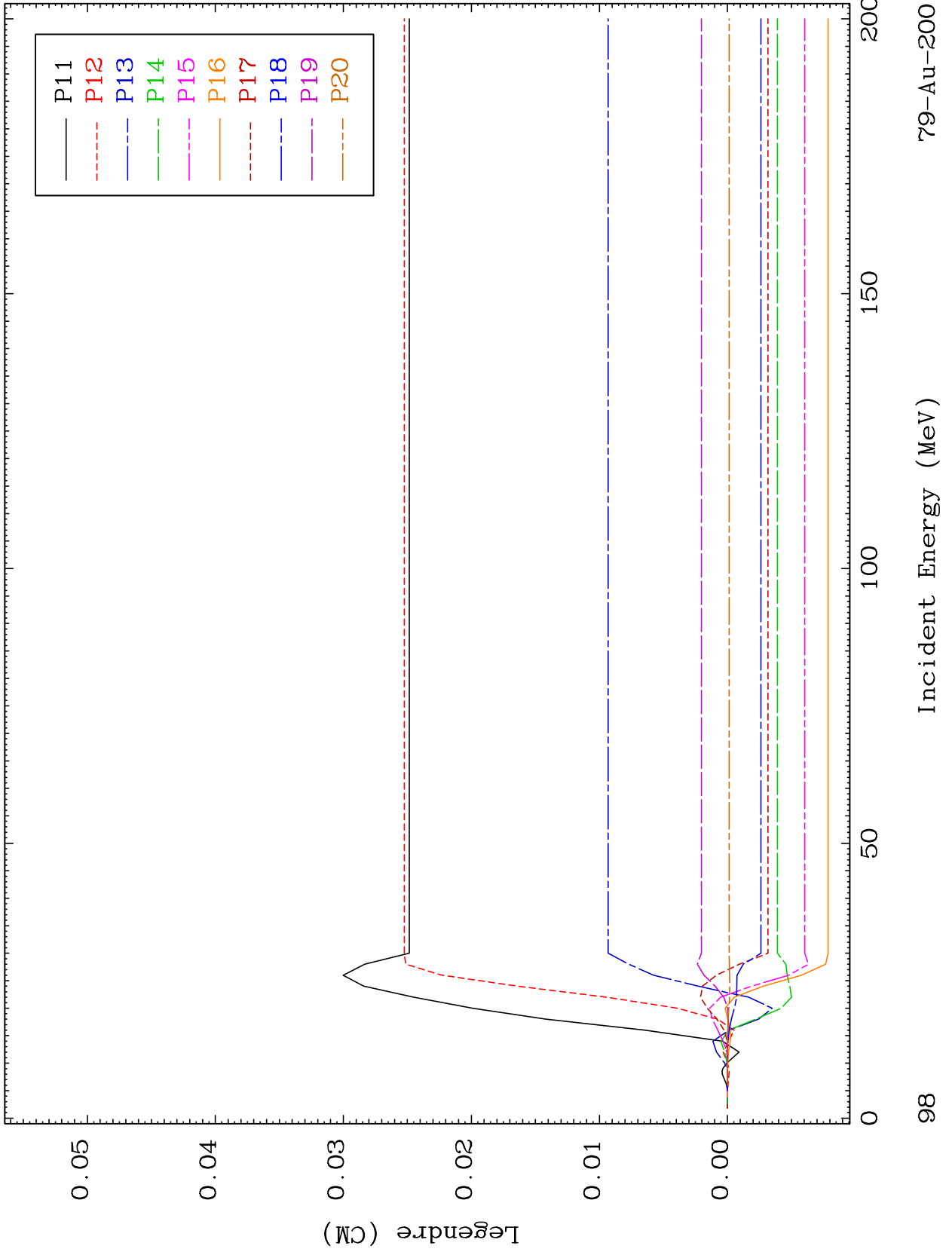
Incident Energy (MeV)

97

MAT 7934

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

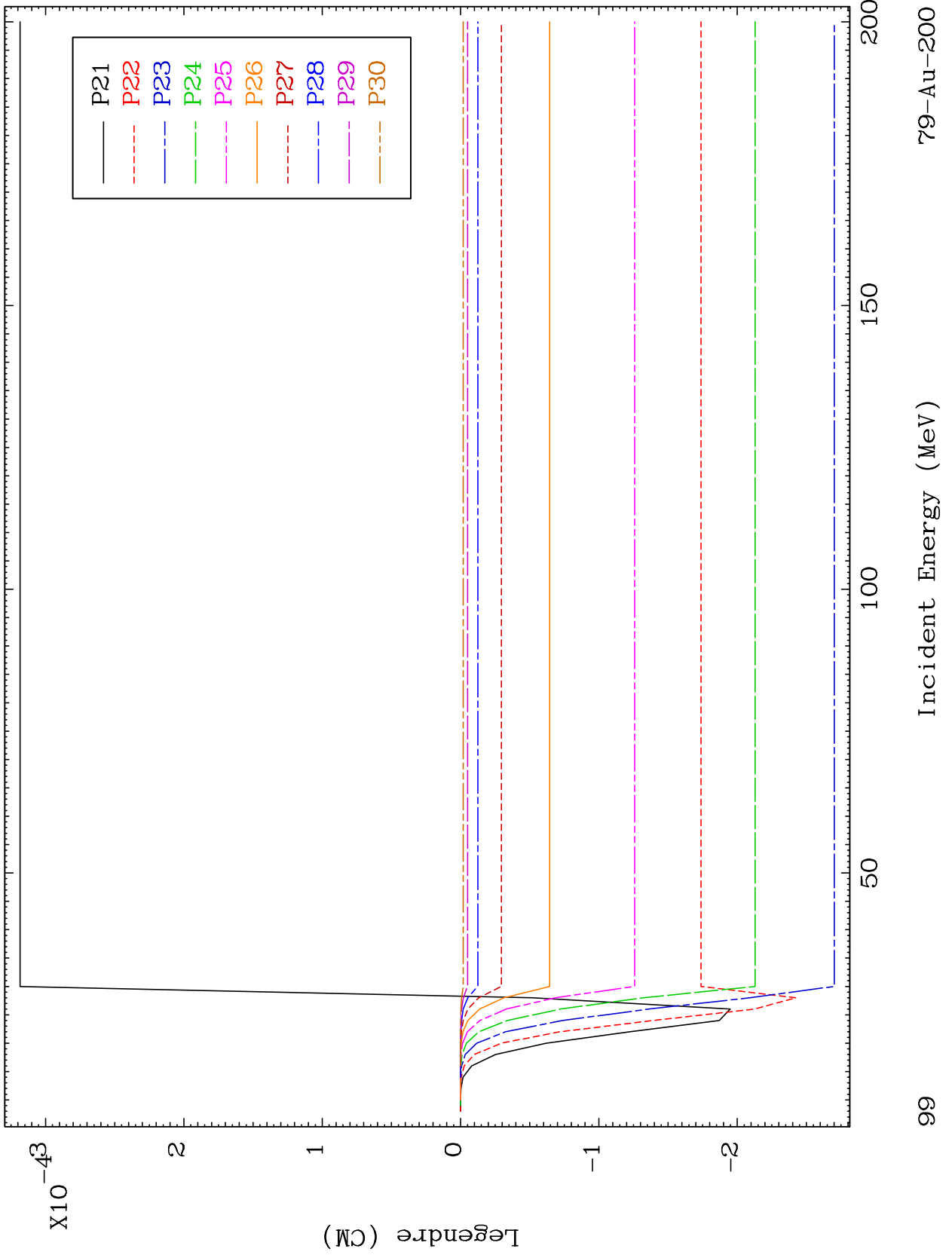
79-Au-200

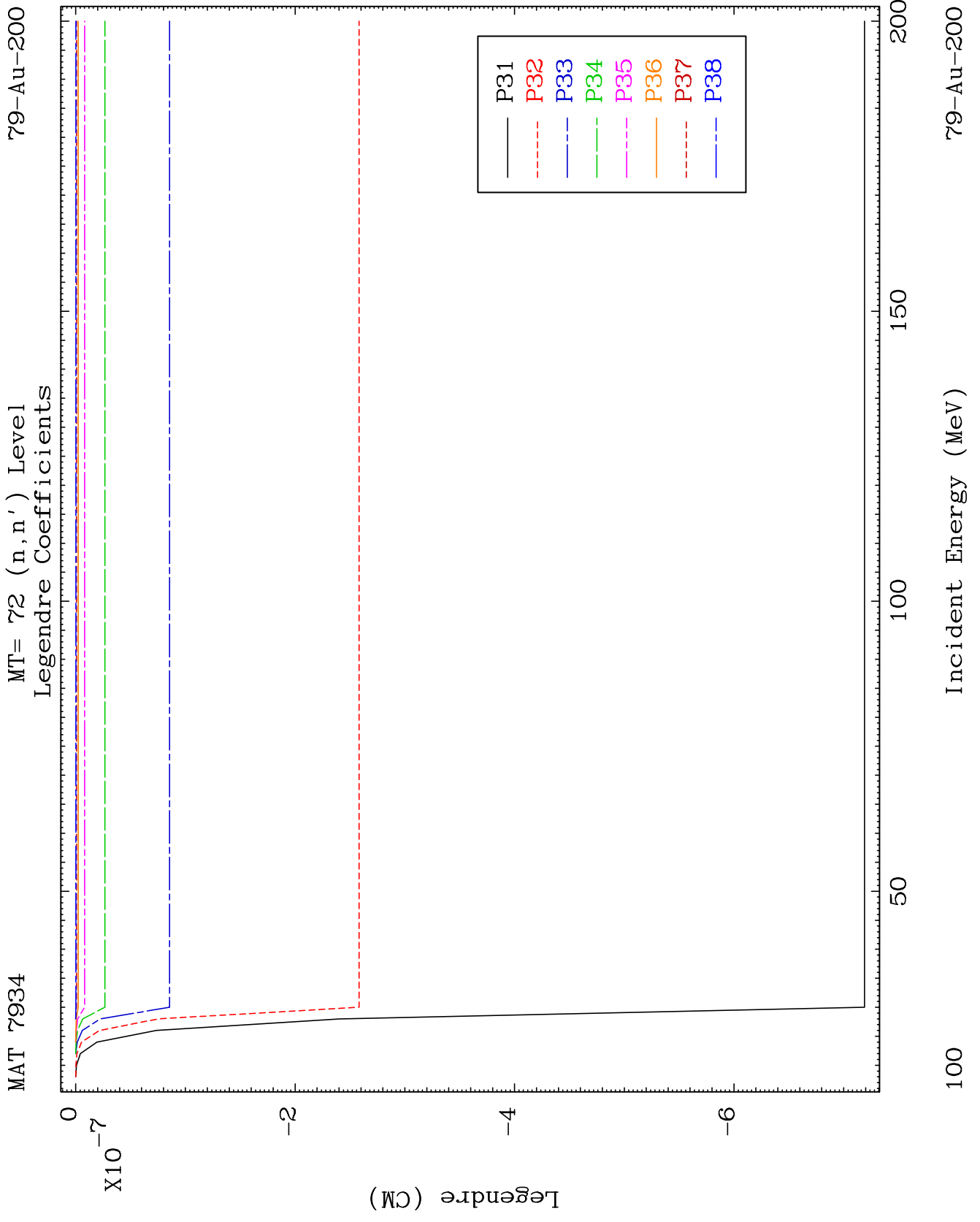


MAT 7934

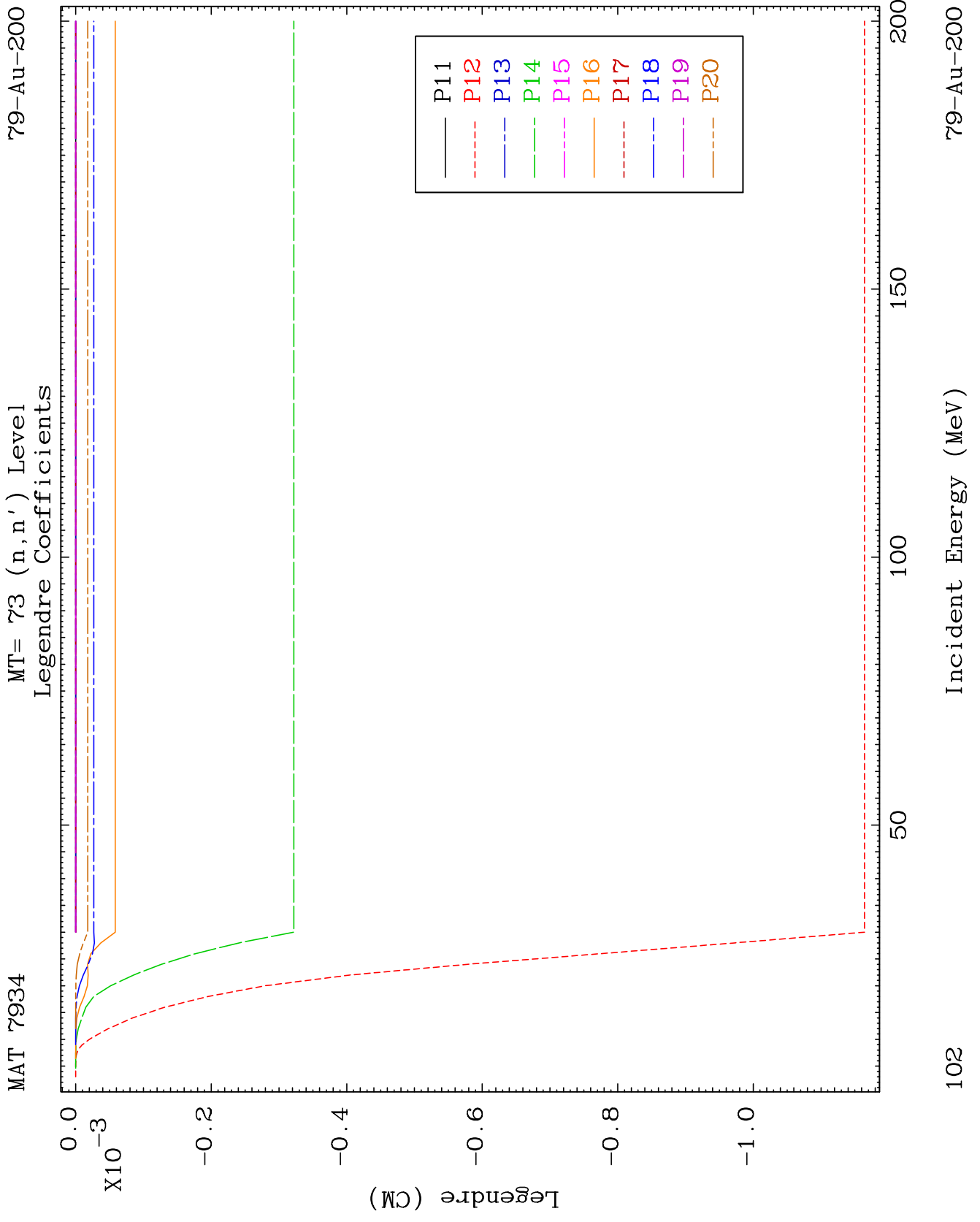
MT= 72 (n,n') Level  
Legendre Coefficients

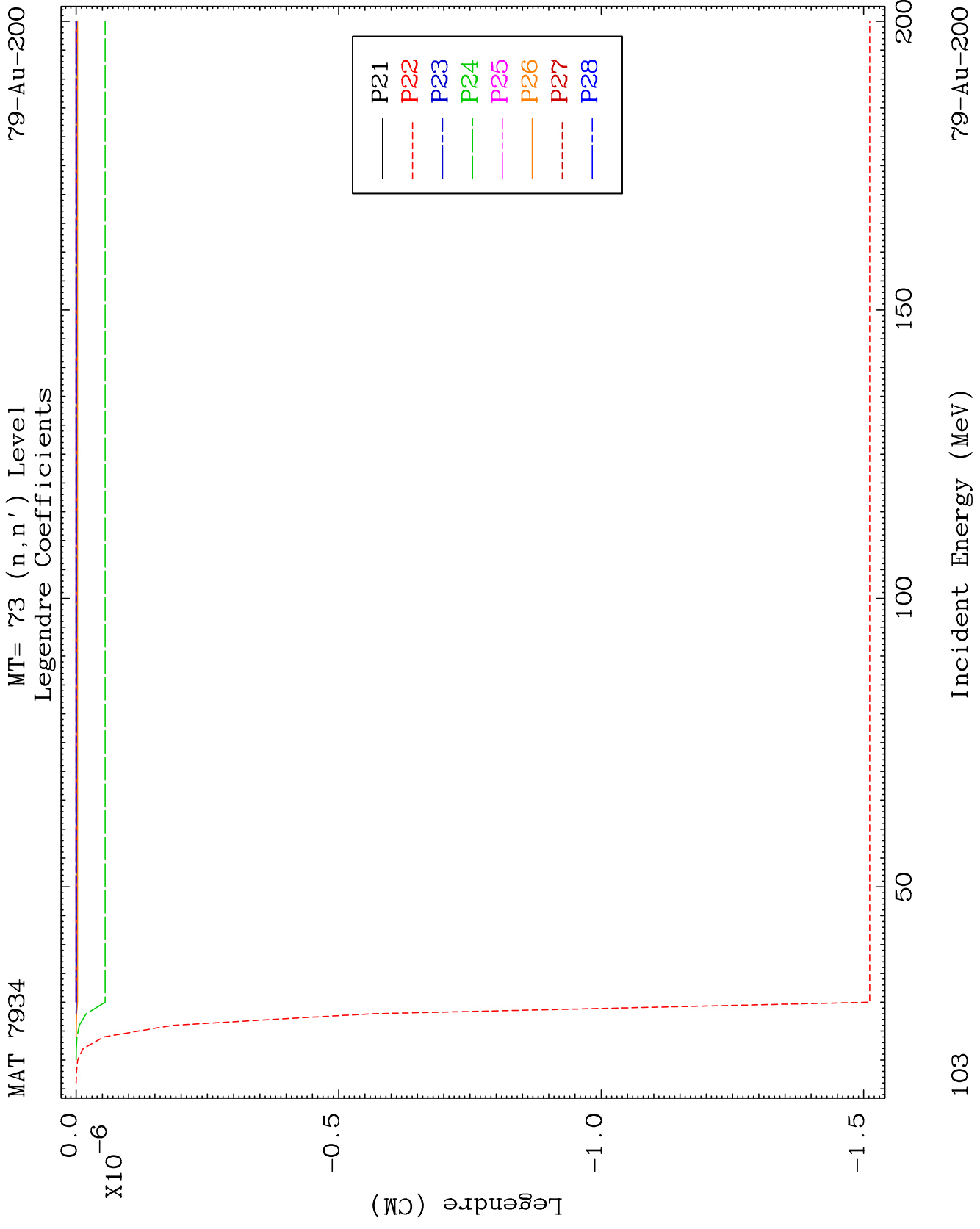
79-Au-200



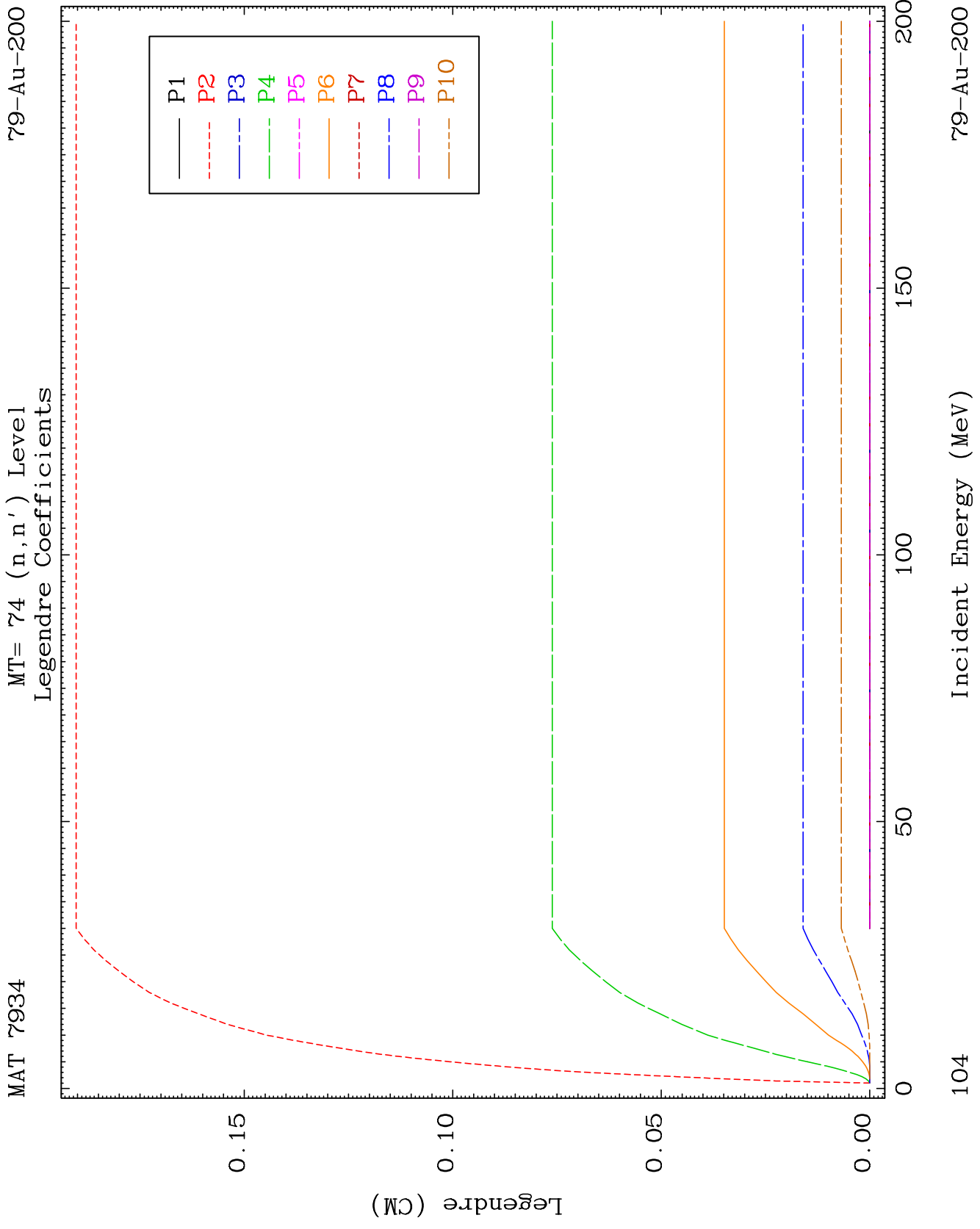


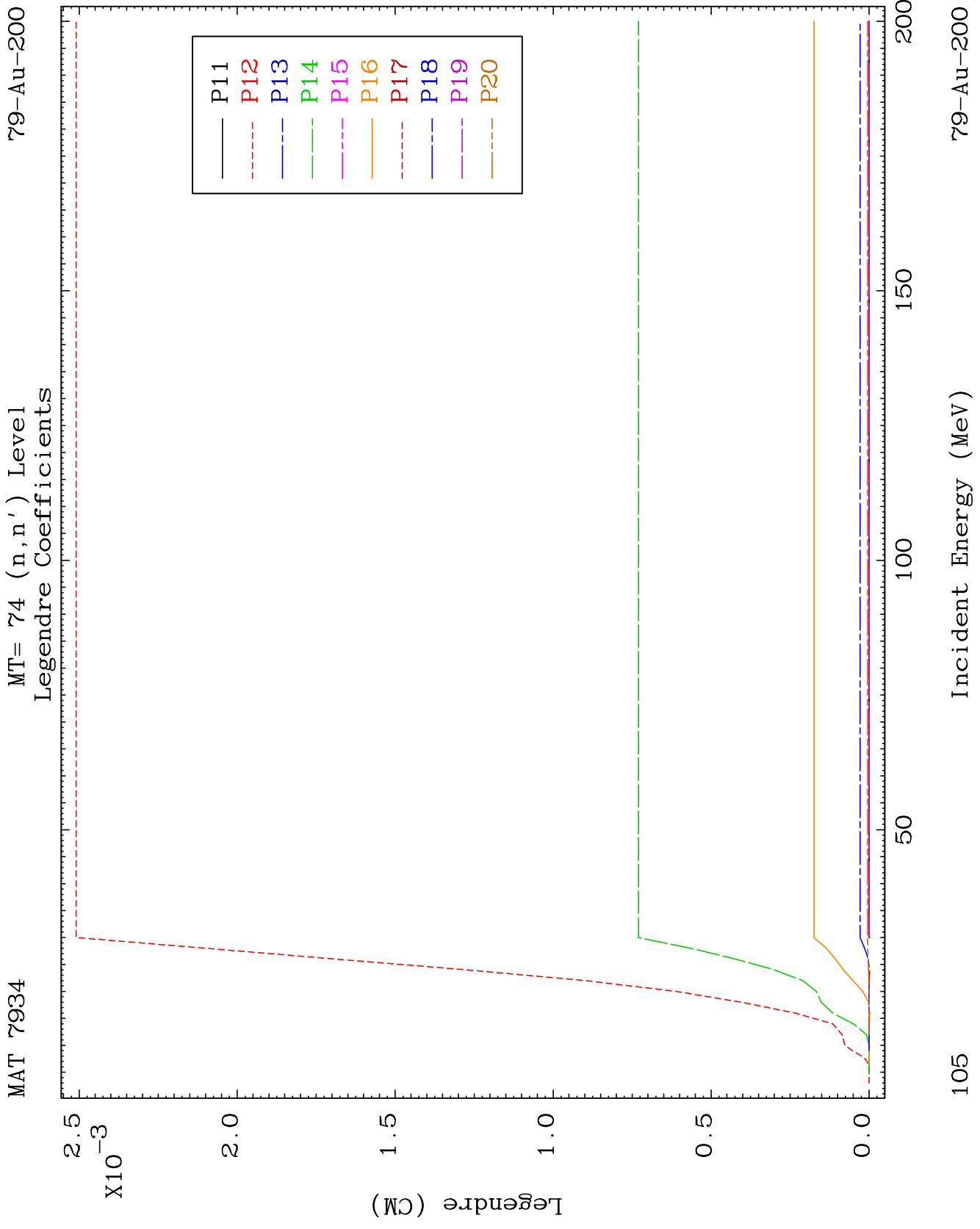


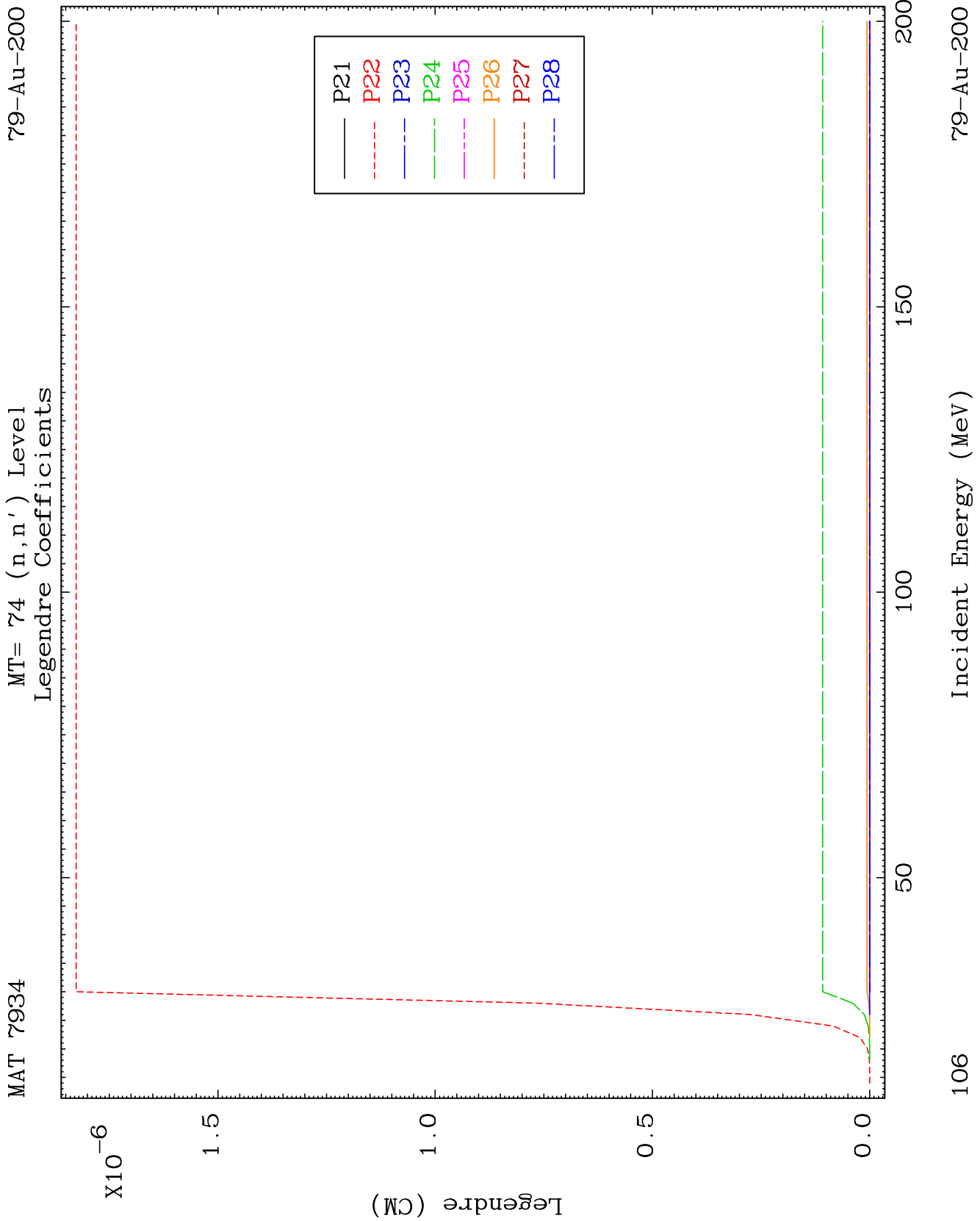








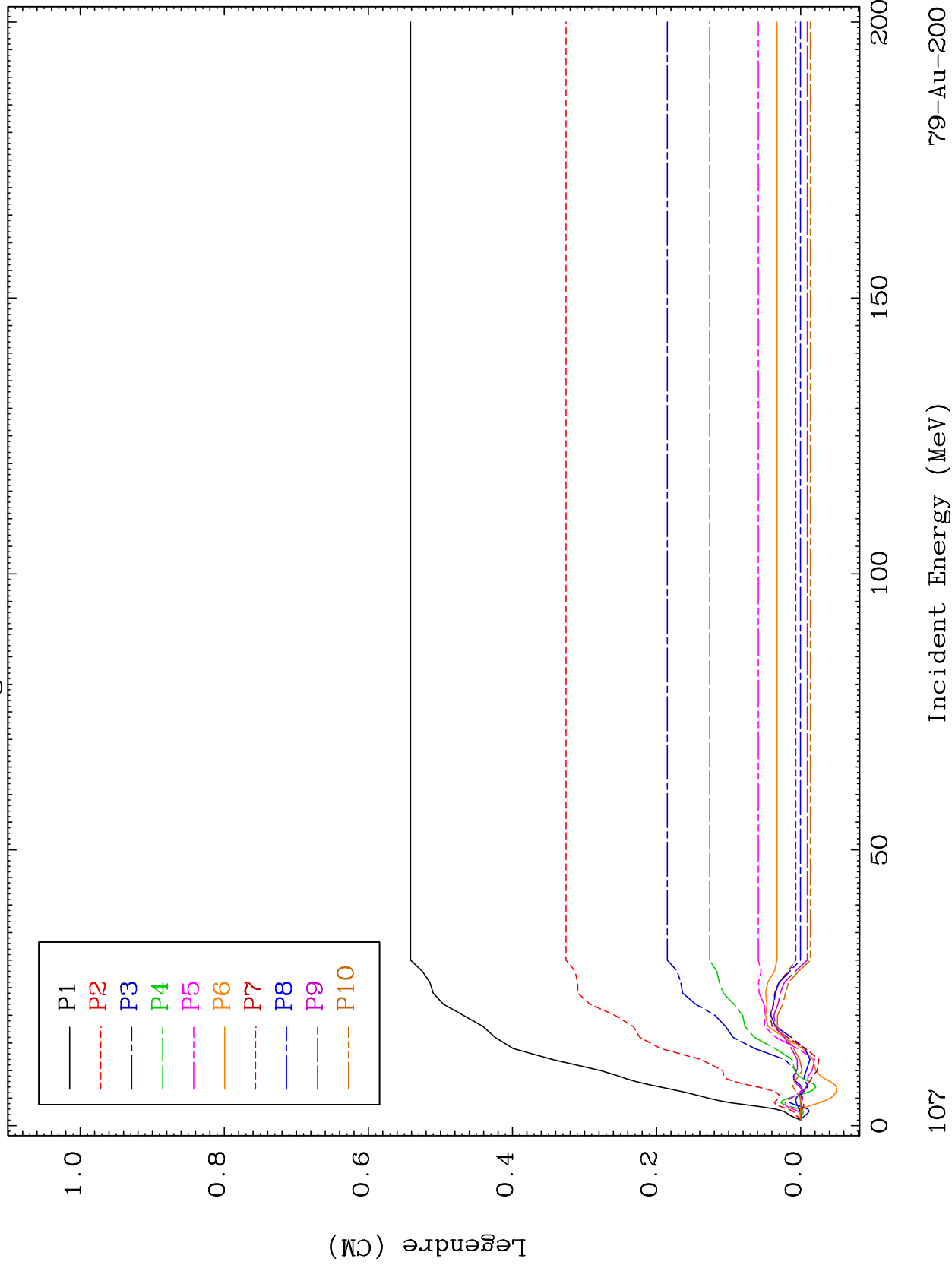




MAT 7934

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

79-Au-200



107

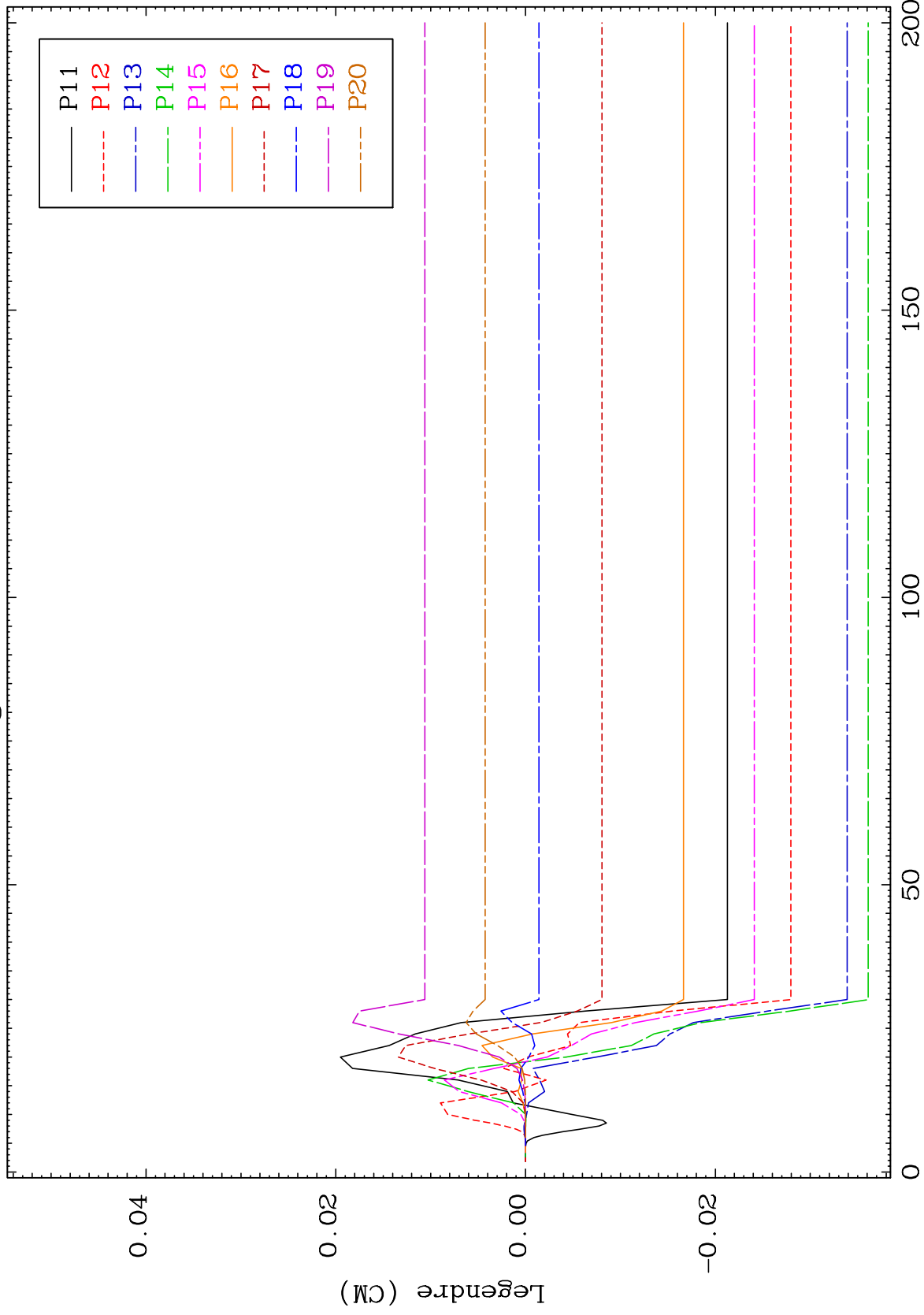
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



108

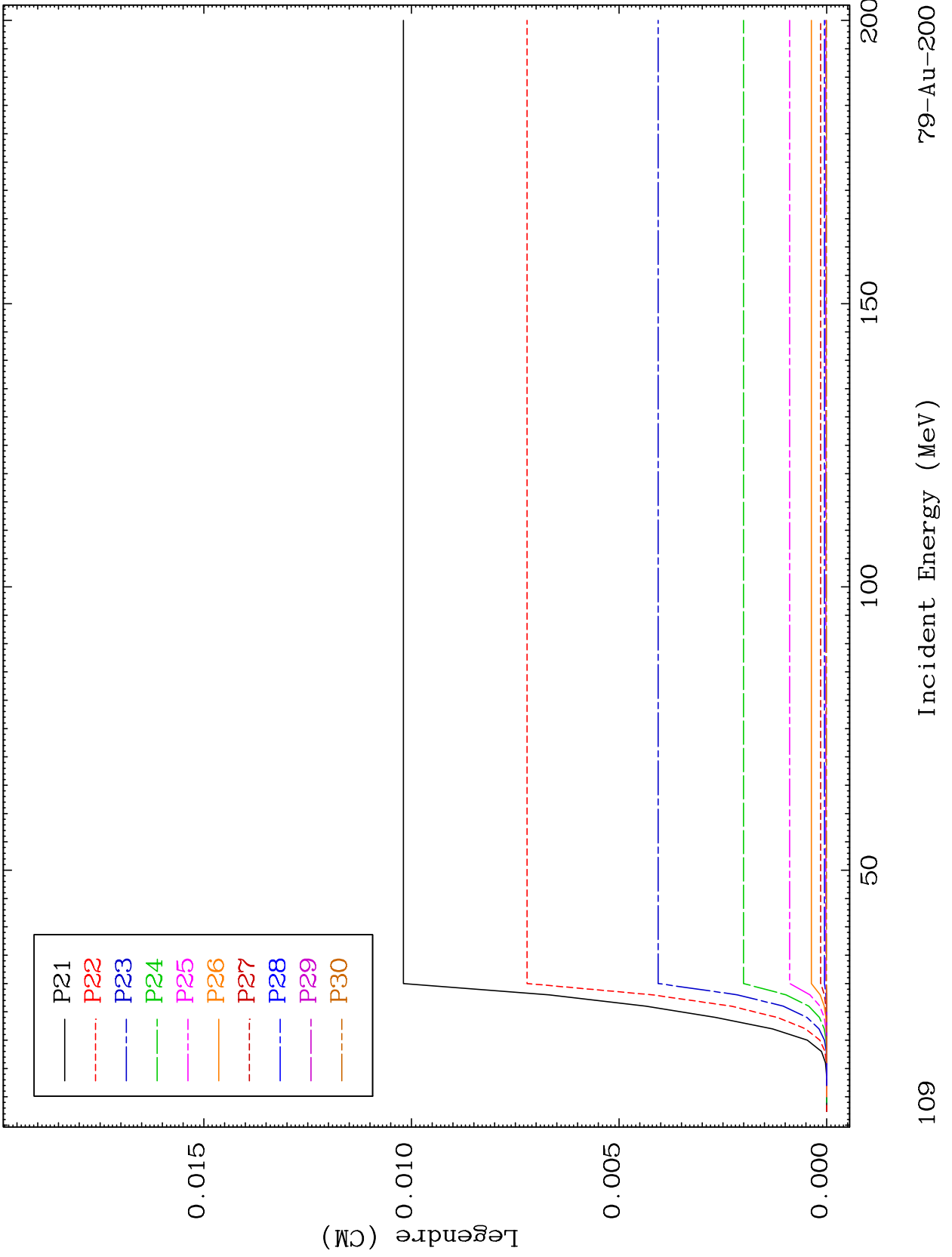
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200

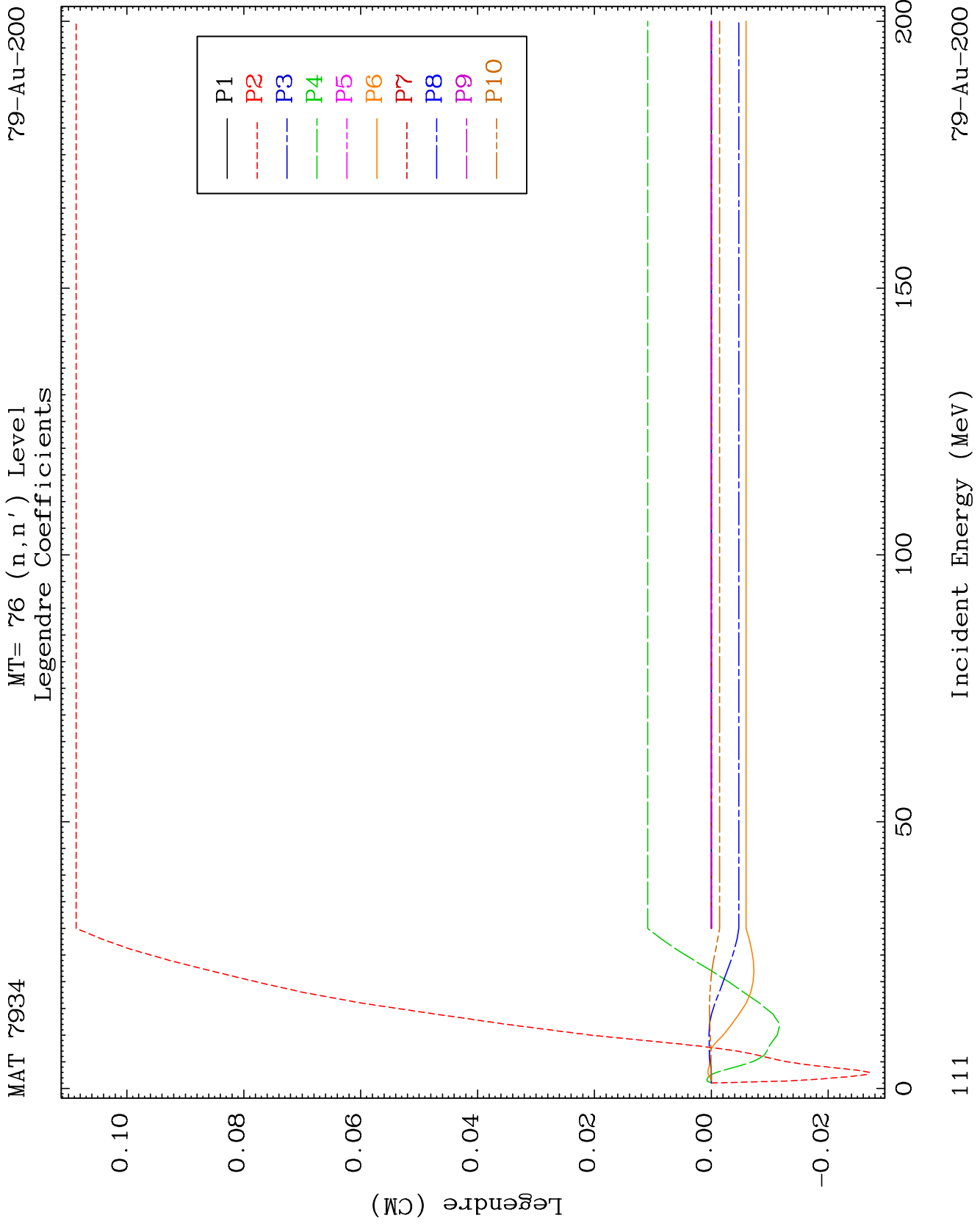


109

Incident Energy (MeV)

79-Au-200



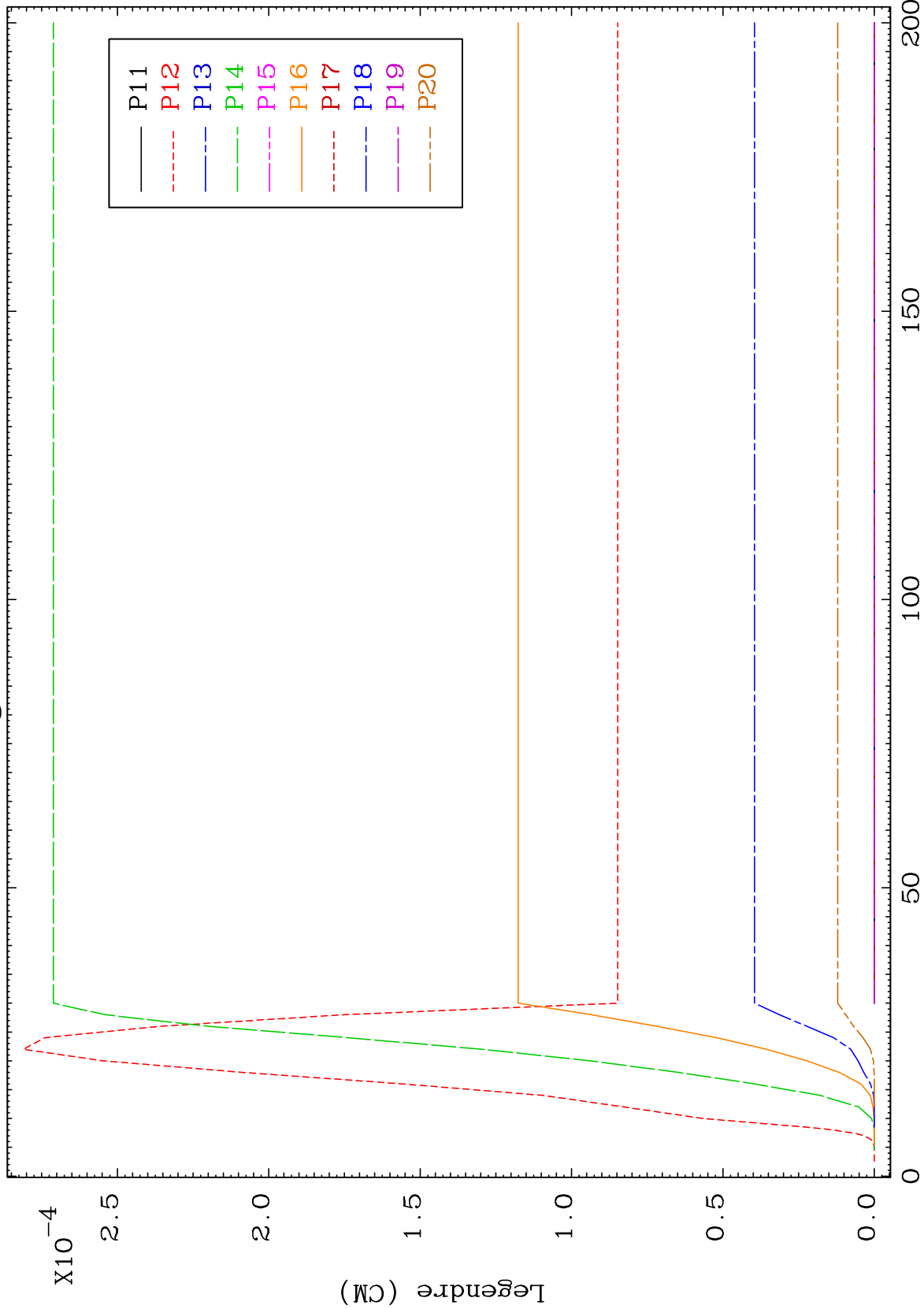




MAT 7934

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

79-Au-200



112

Incident Energy (MeV)

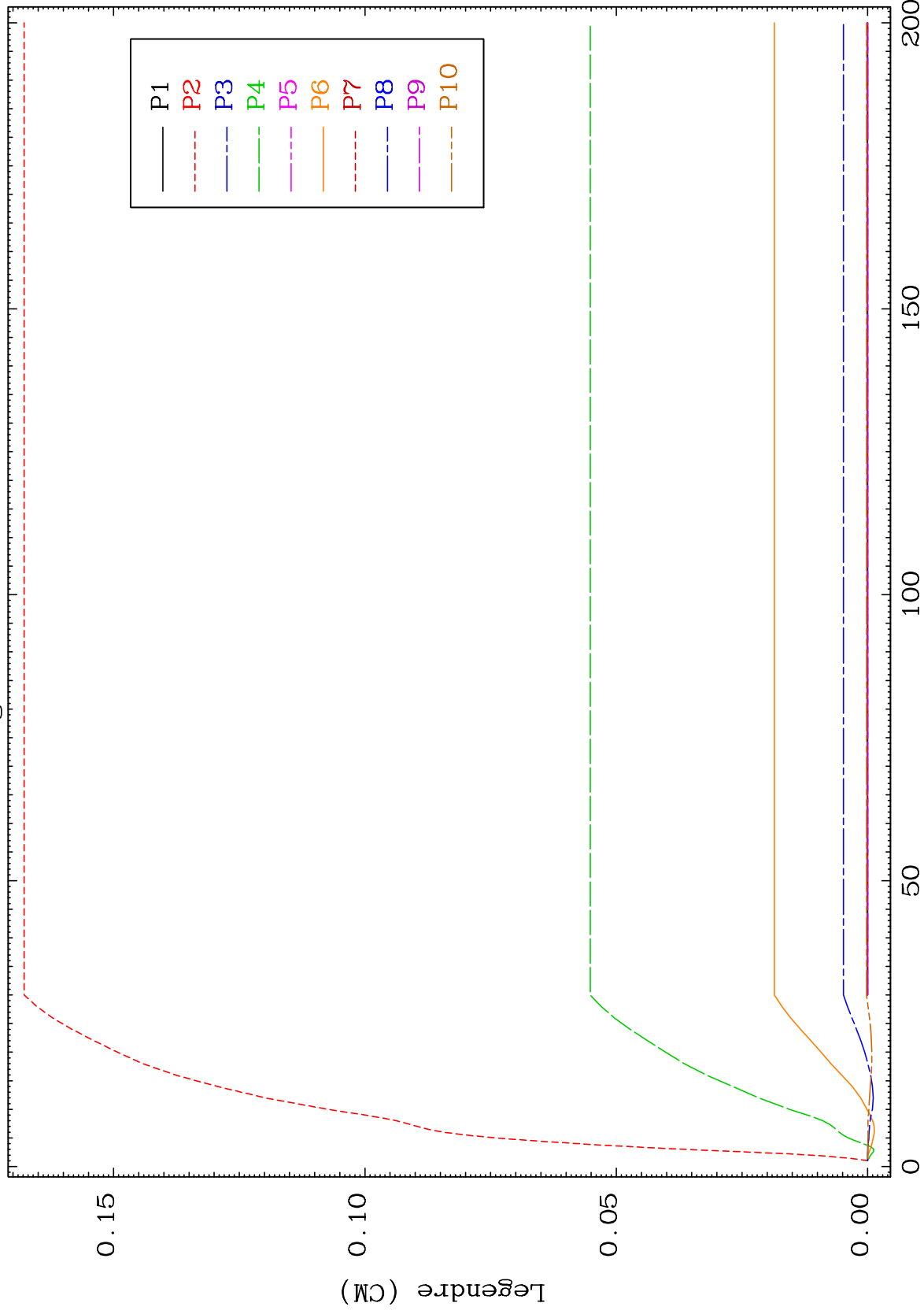
79-Au-200



MAT 7934

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

79-Au-200



114

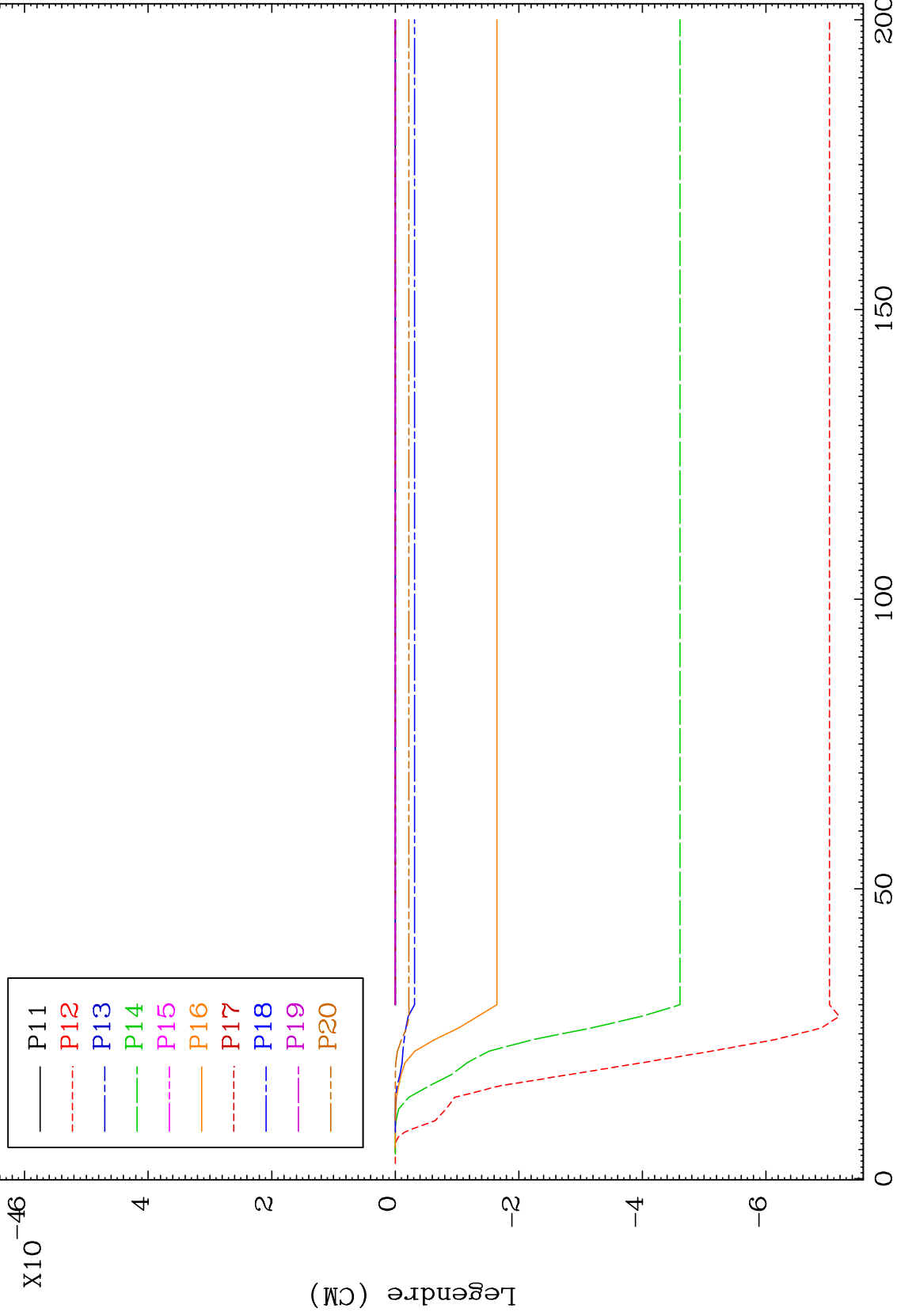
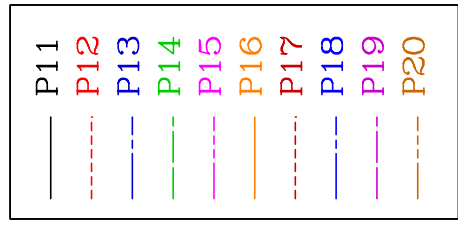
Incident Energy (MeV)

79-Au-200

MAT 7934

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

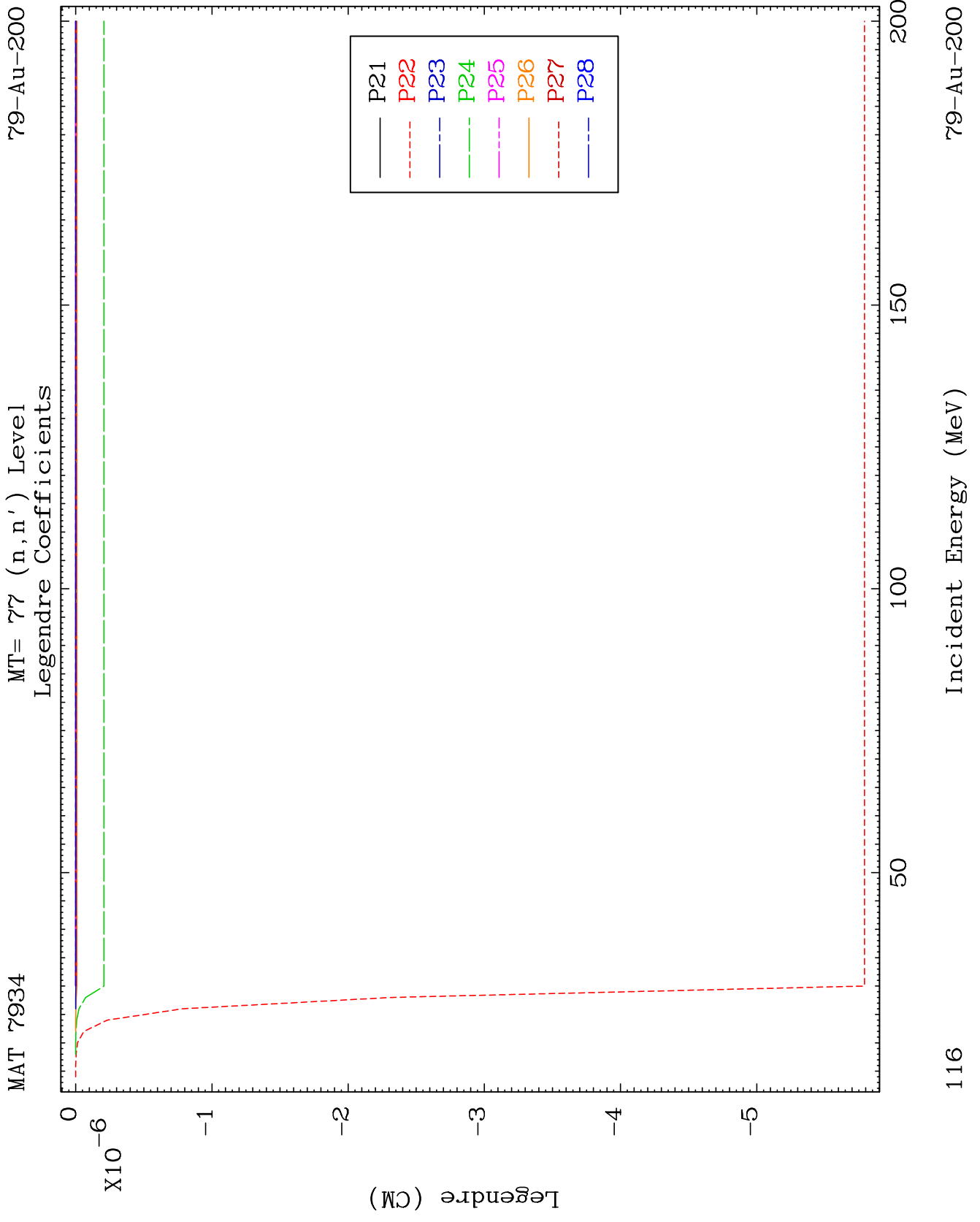
79-Au-200



115

Incident Energy (MeV)

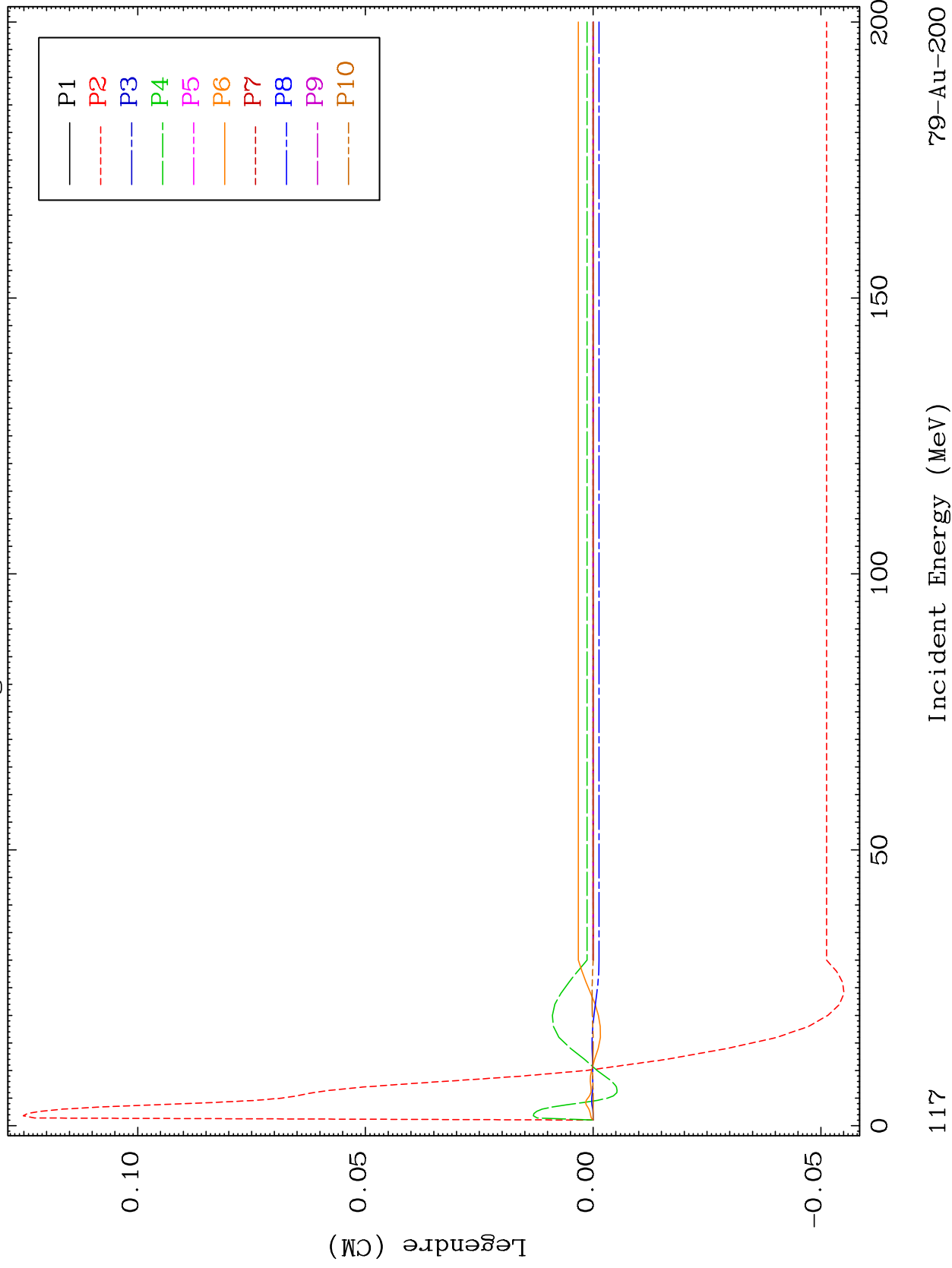
79-Au-200



MAT 7934

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

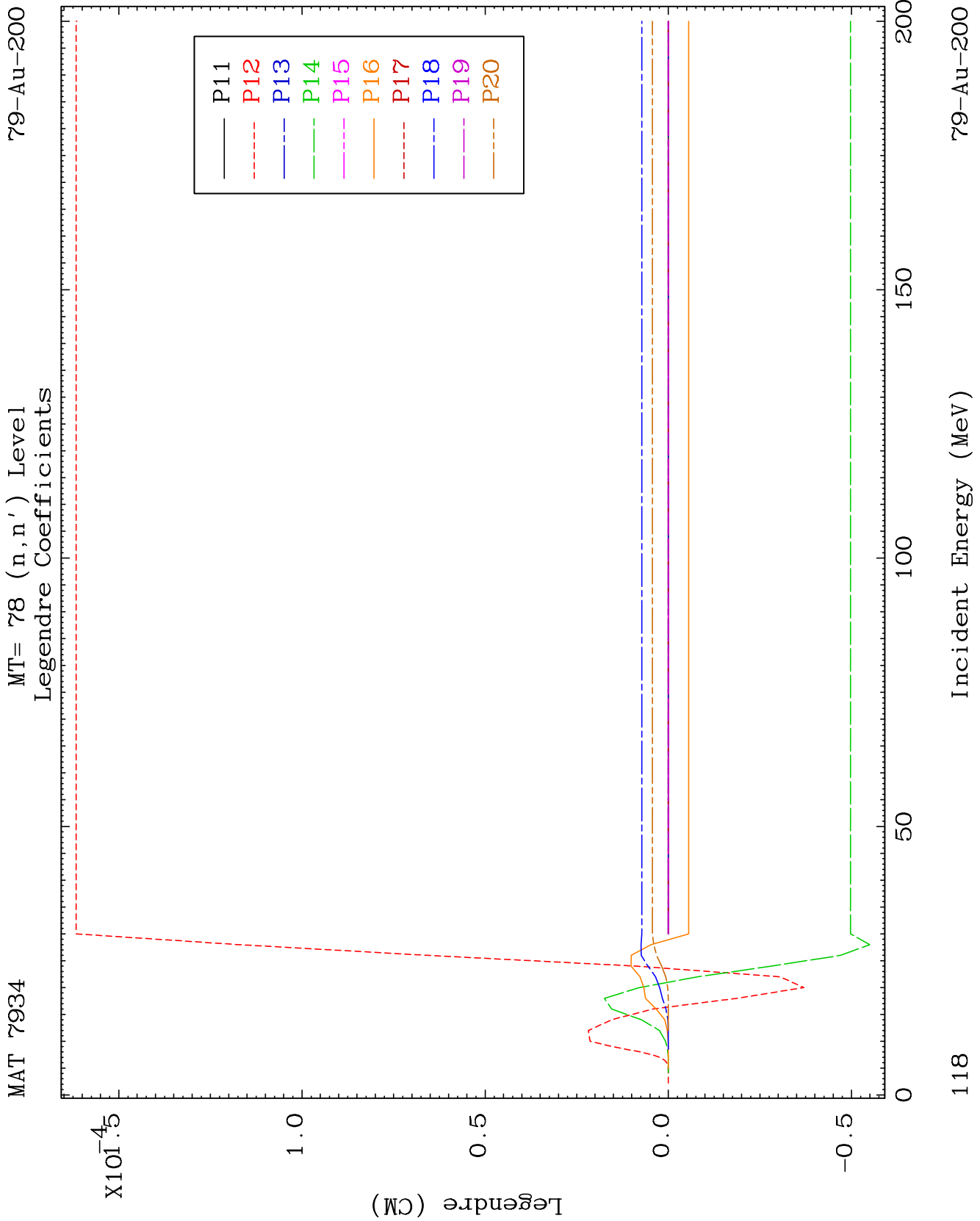
79-Au-200

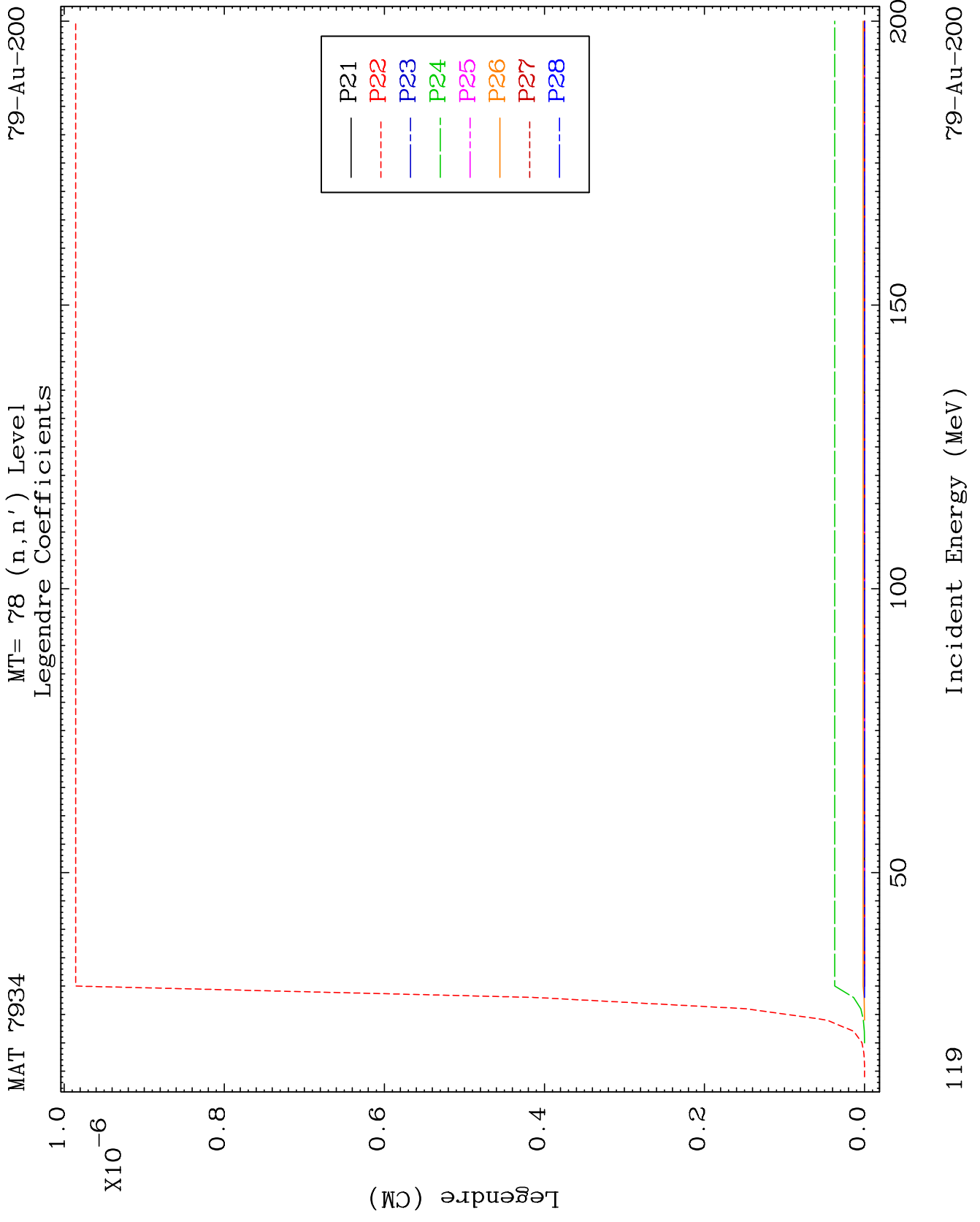


117

Incident Energy (MeV)

79-Au-200



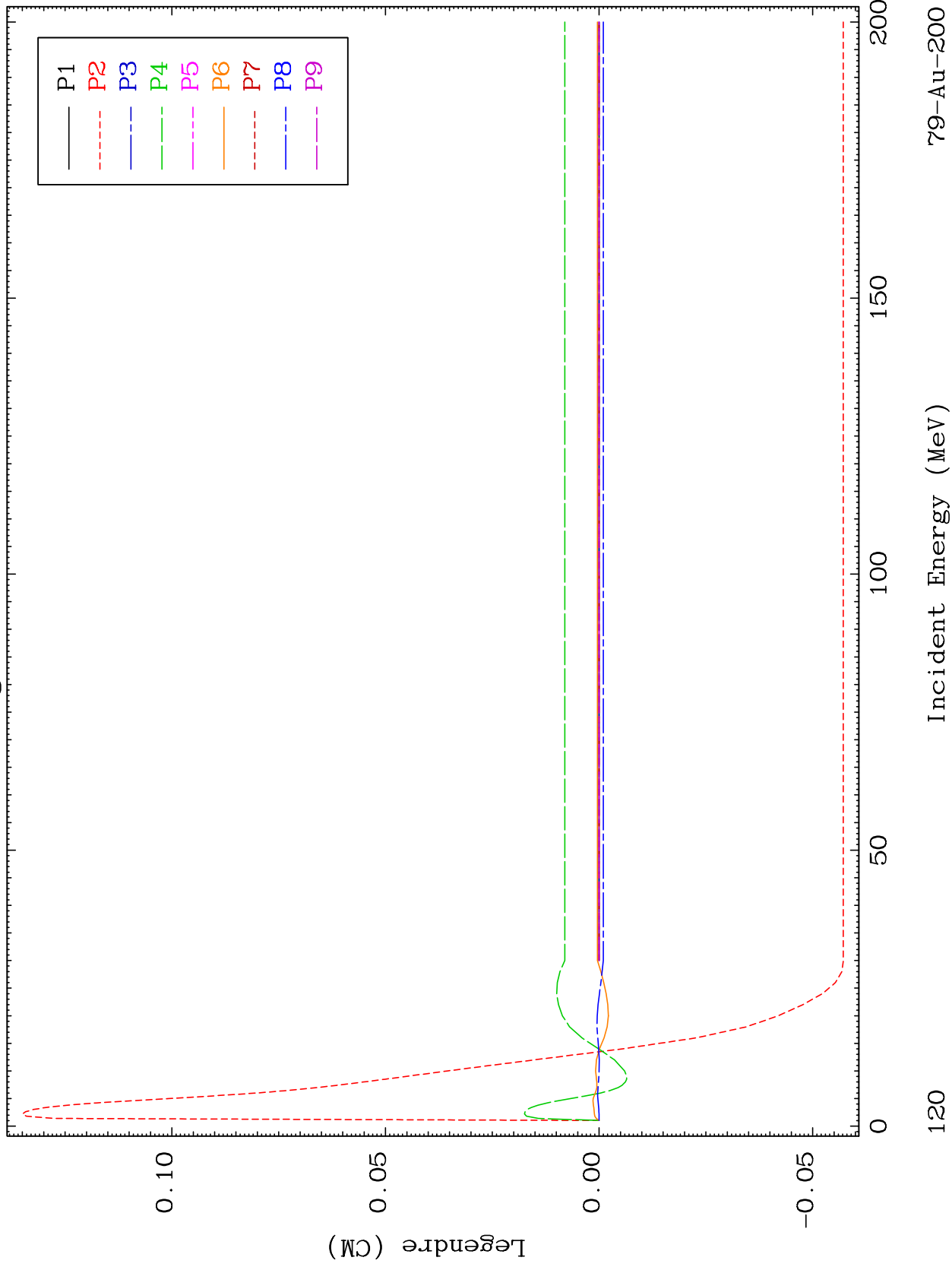




MAT 7934

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

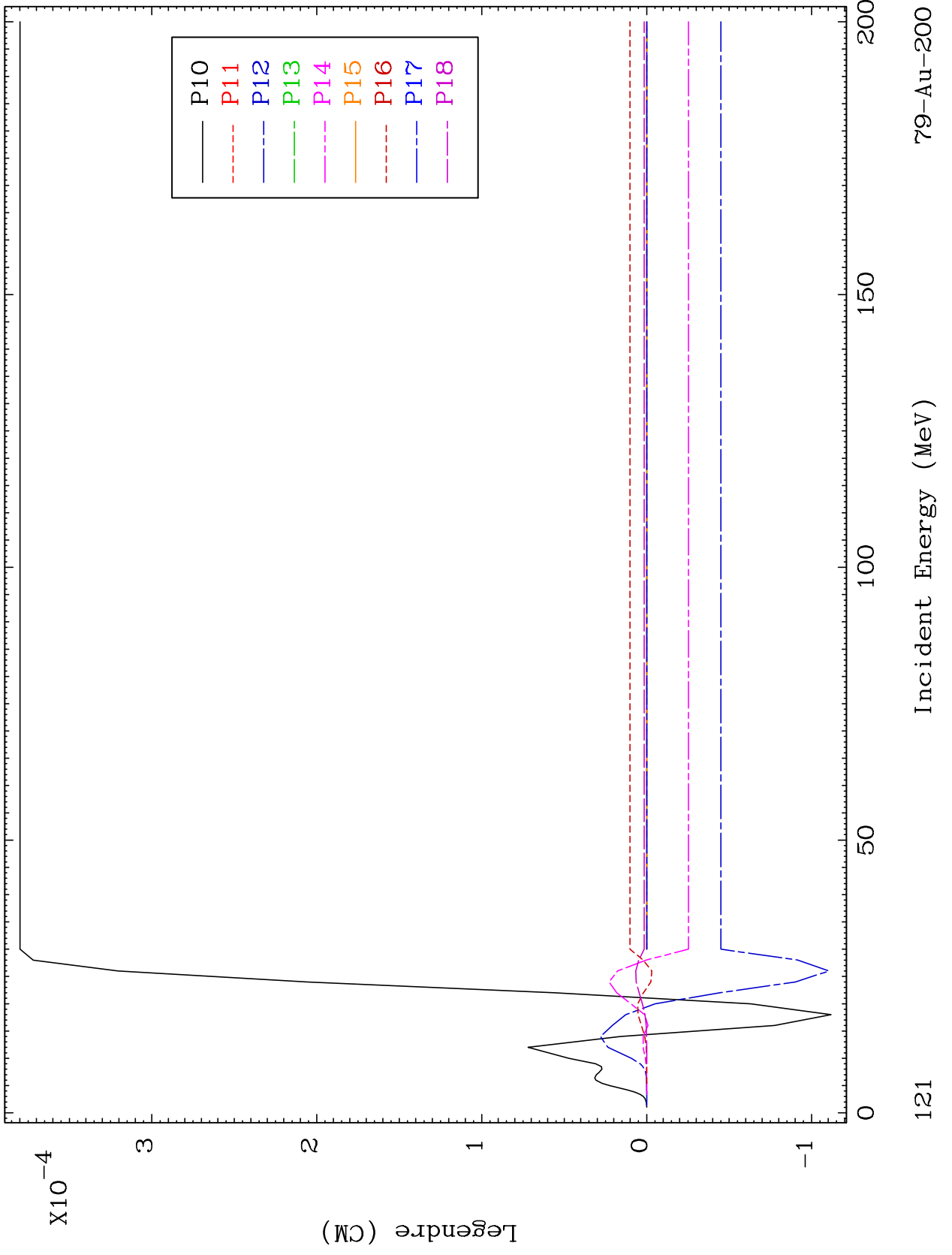
79-Au-200

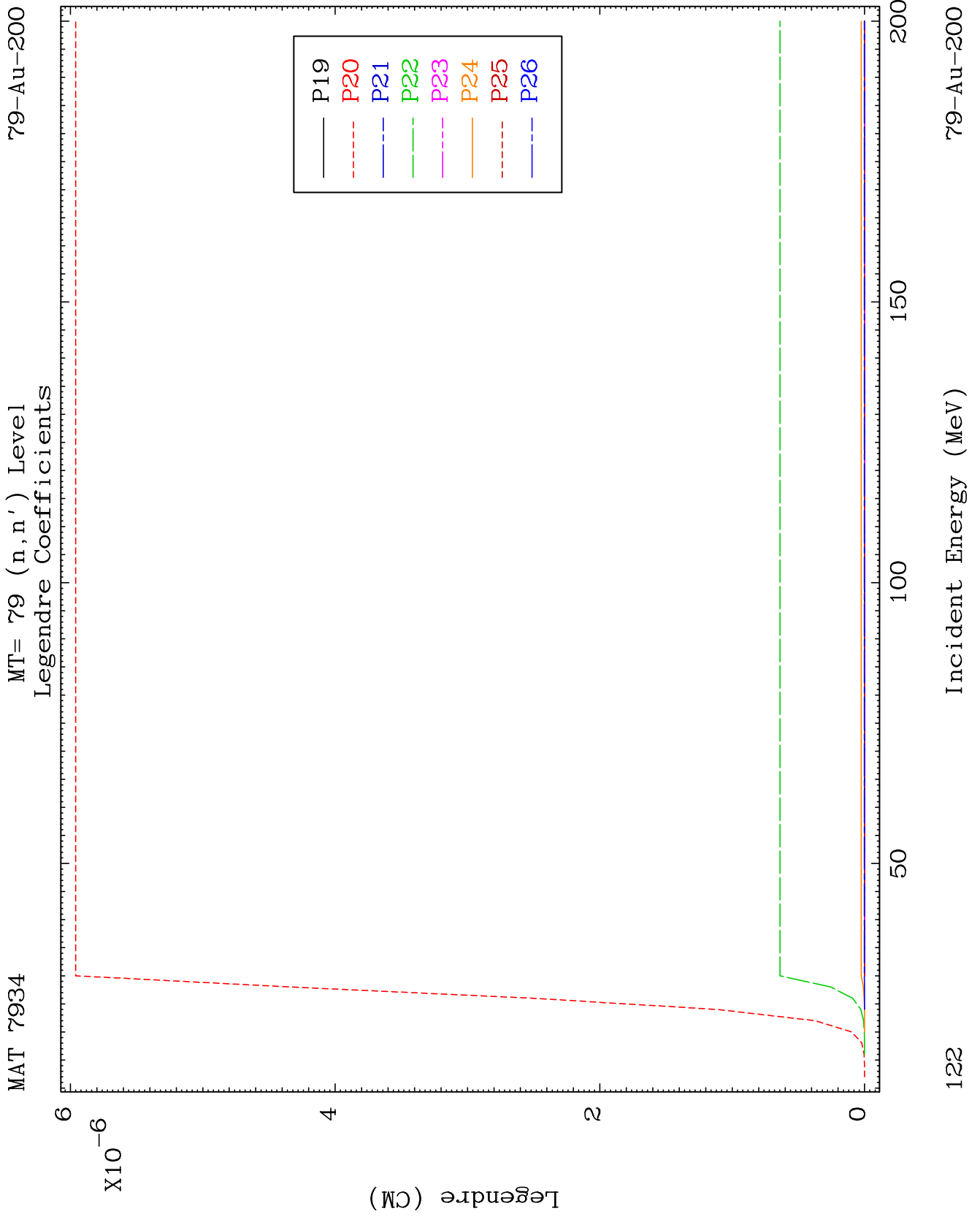


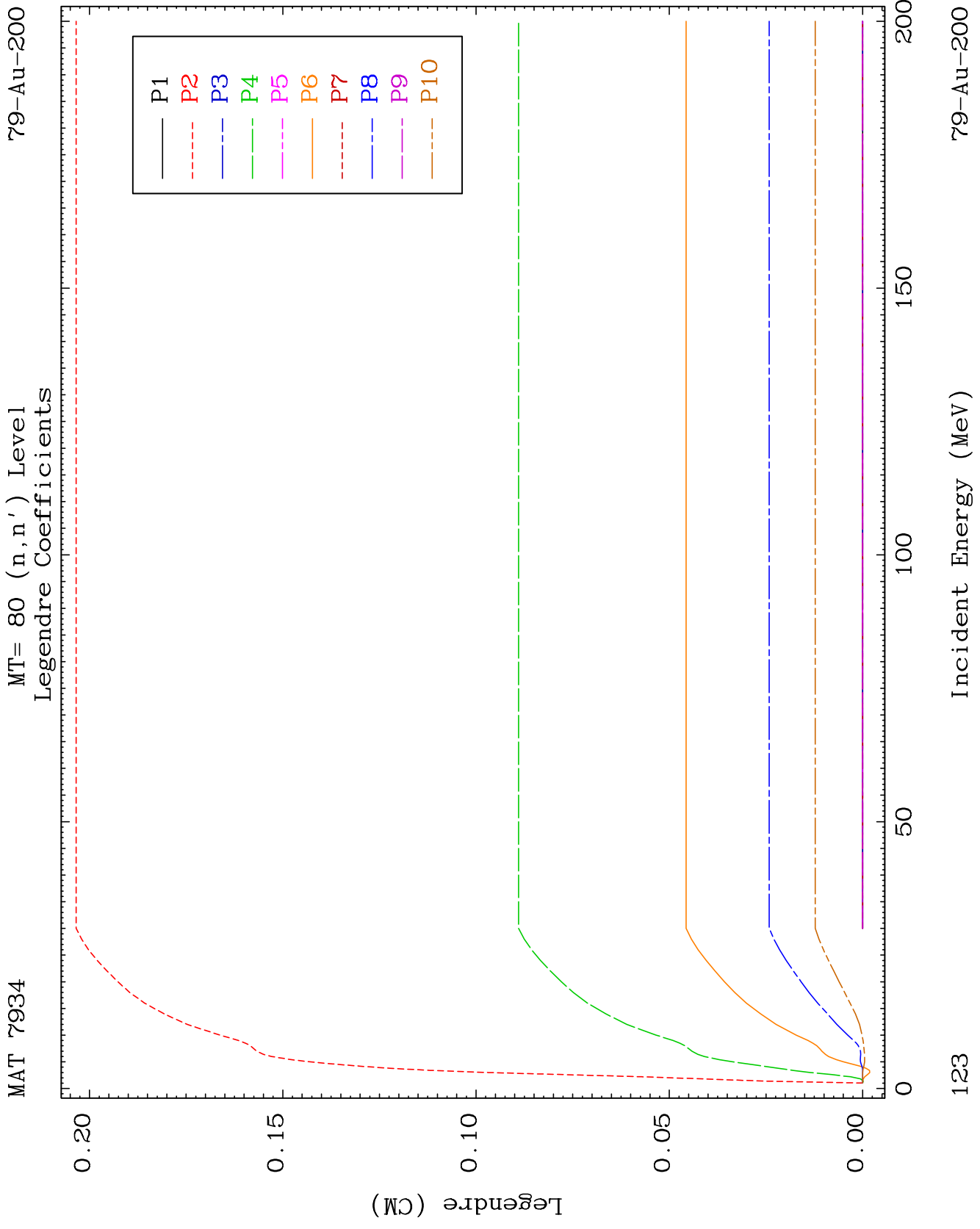
MAT 7934

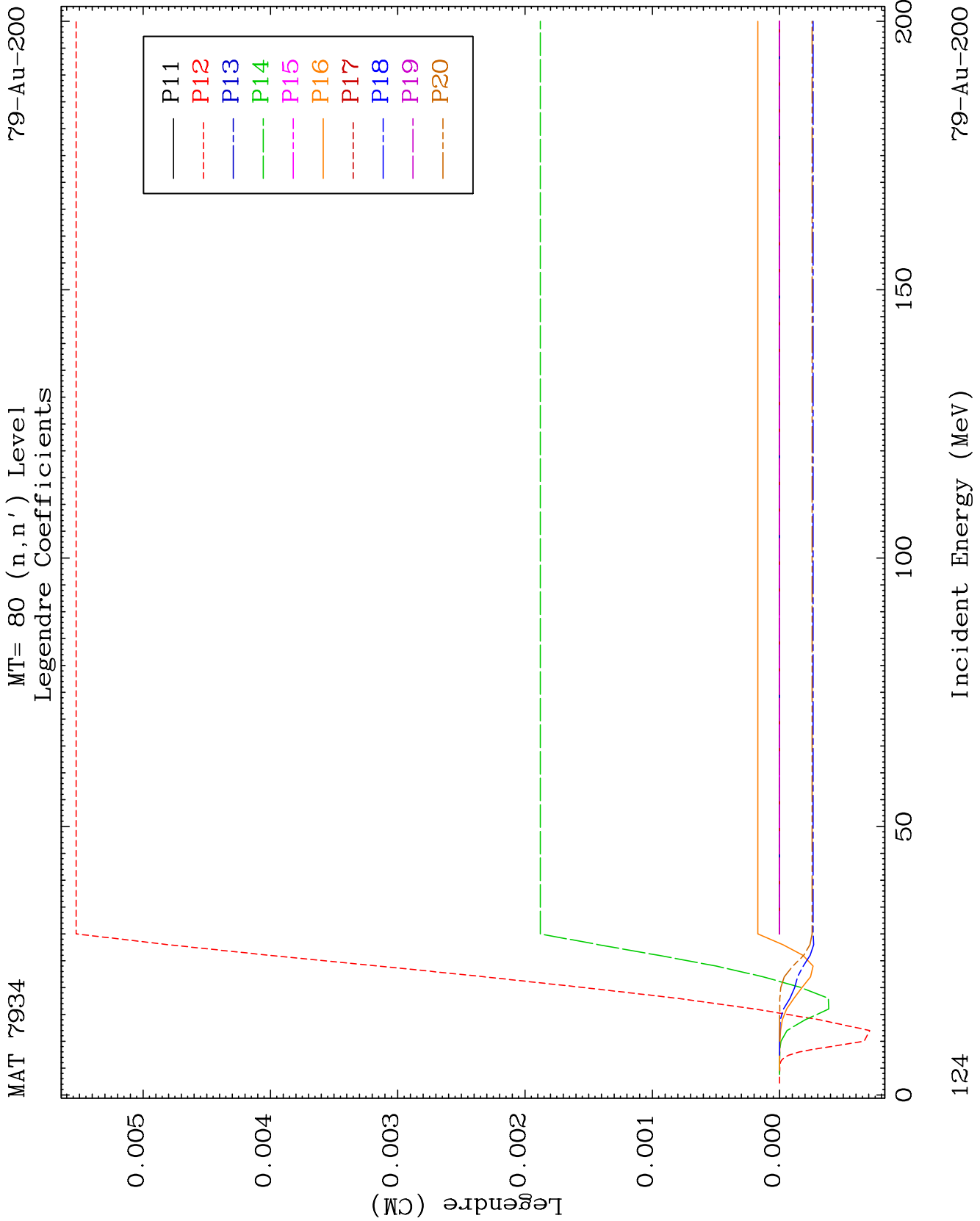
MT= 79 (n,n') Level  
Legendre Coefficients

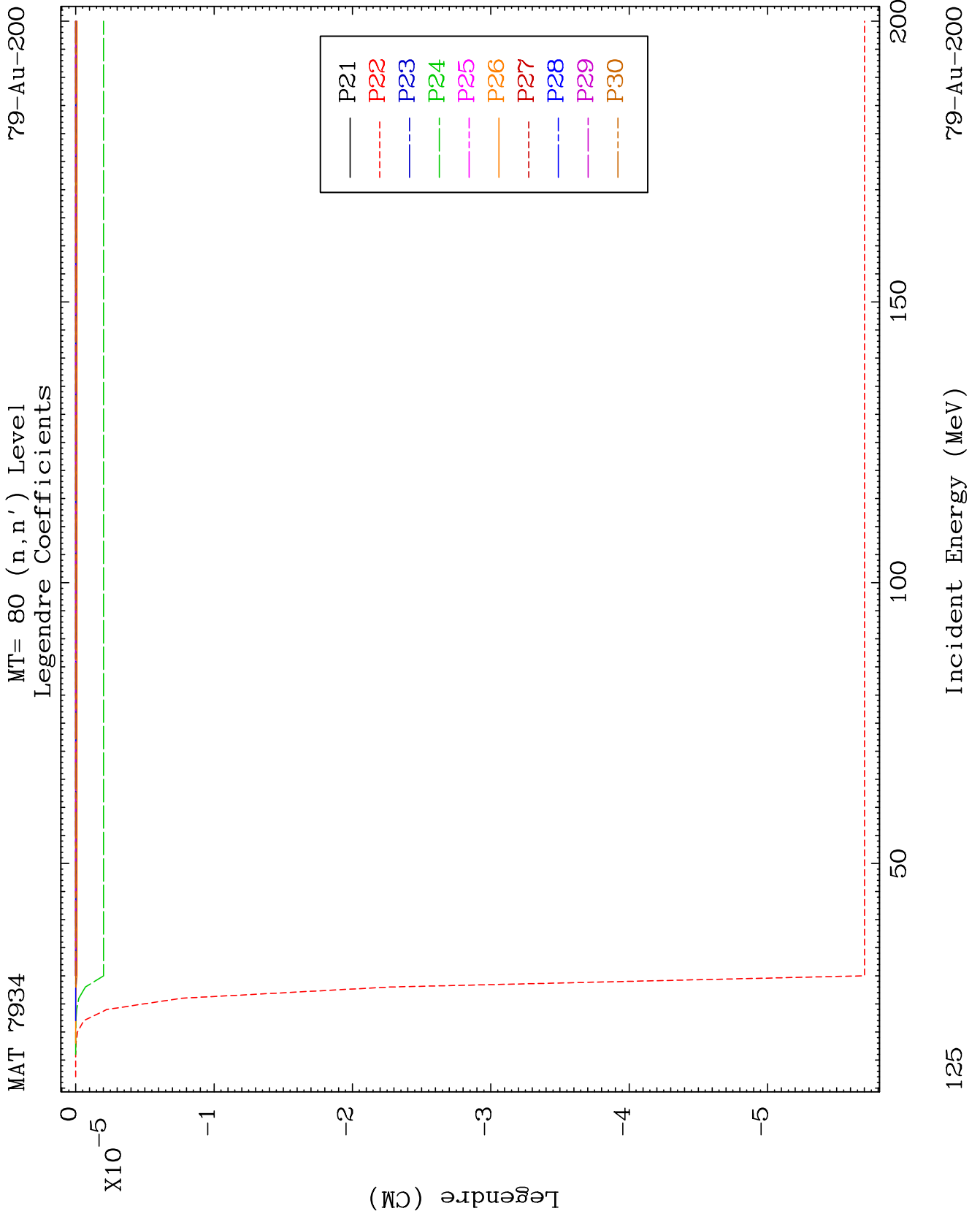
79-Au-200







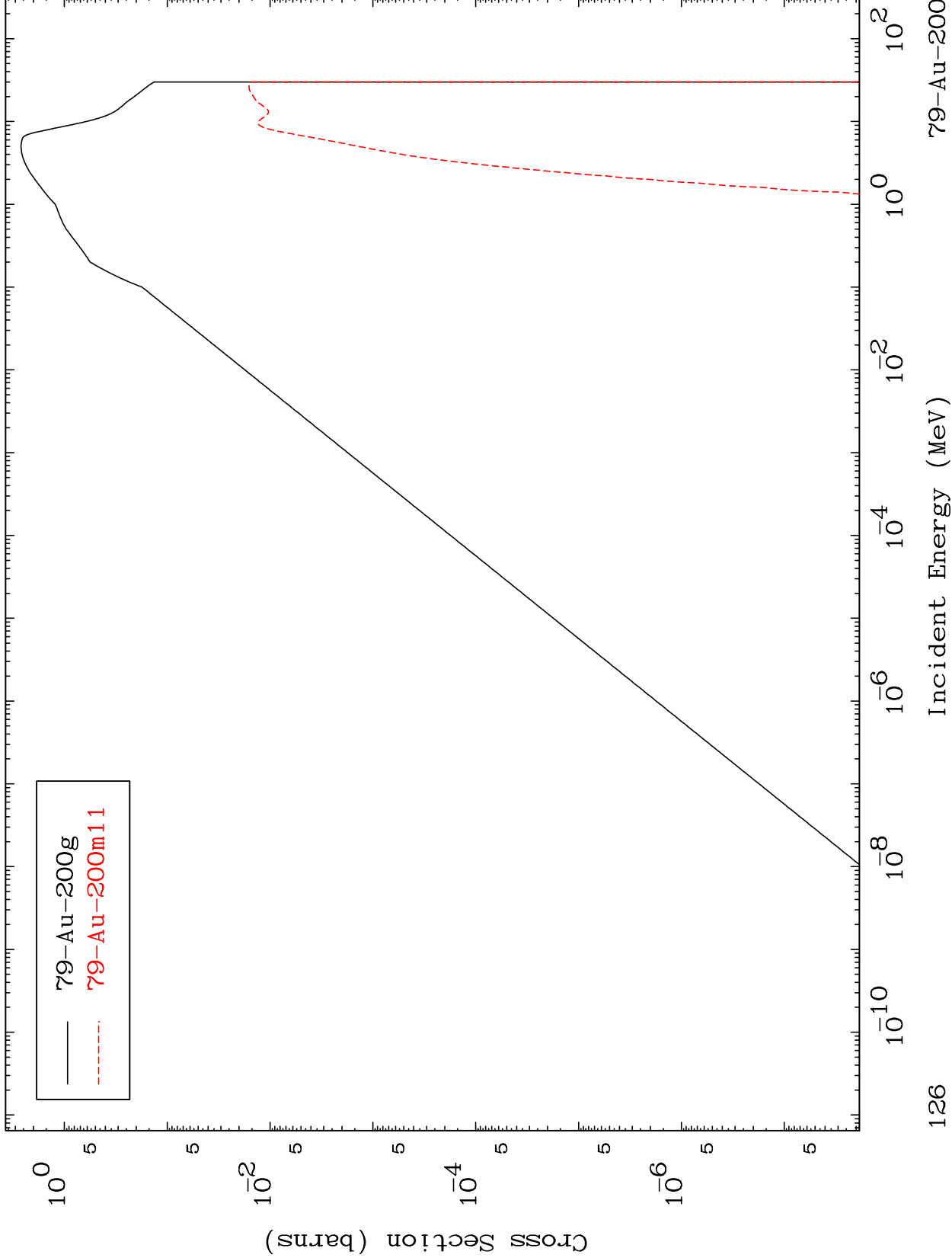




MAT 7934

Radionuclide Production Cross Section

79-Au-200

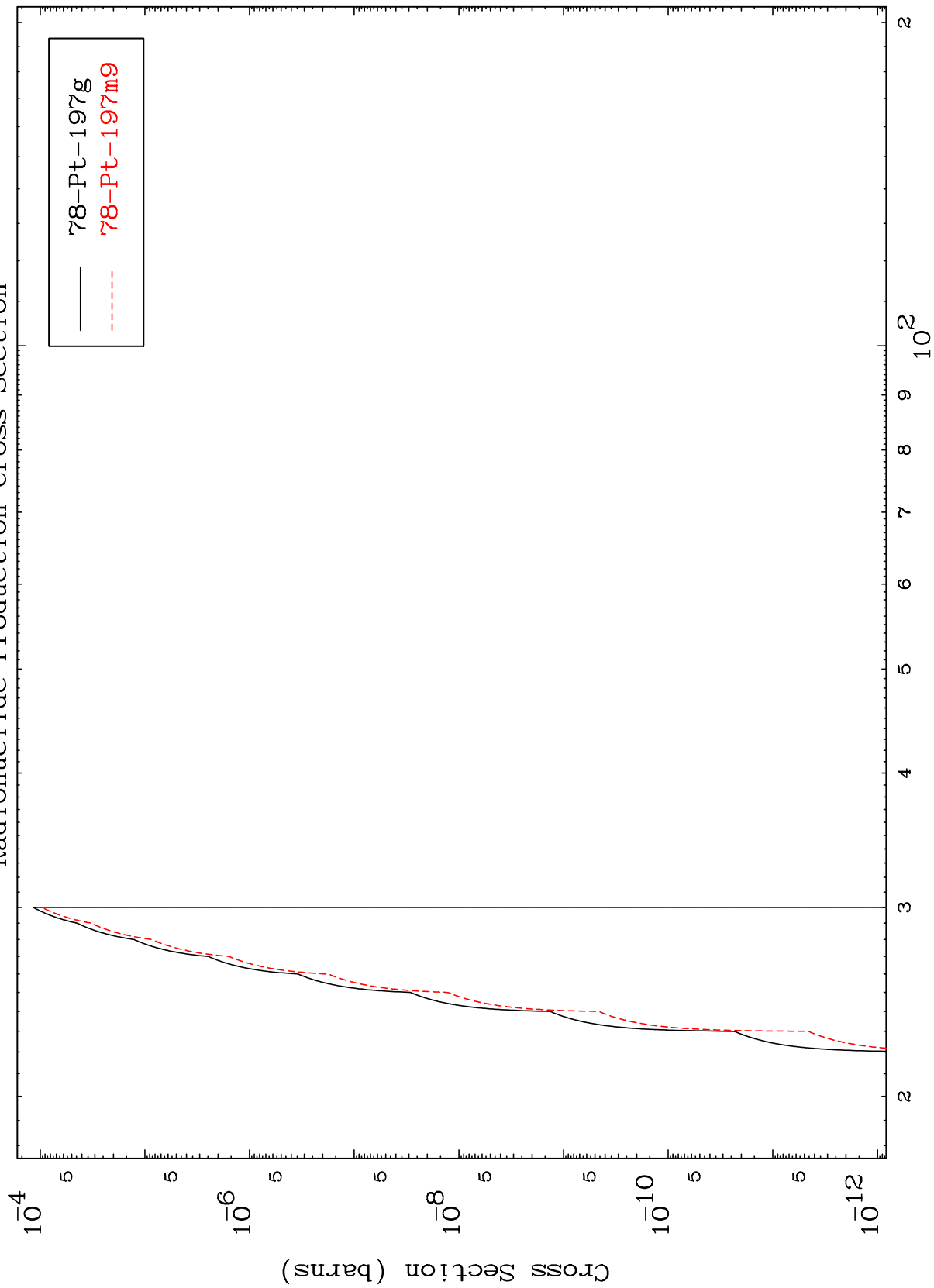


MAT 7934

(n,2n) d

79-Au-200

Radionuclide Production Cross Section



127

Incident Energy (MeV)

79-Au-200

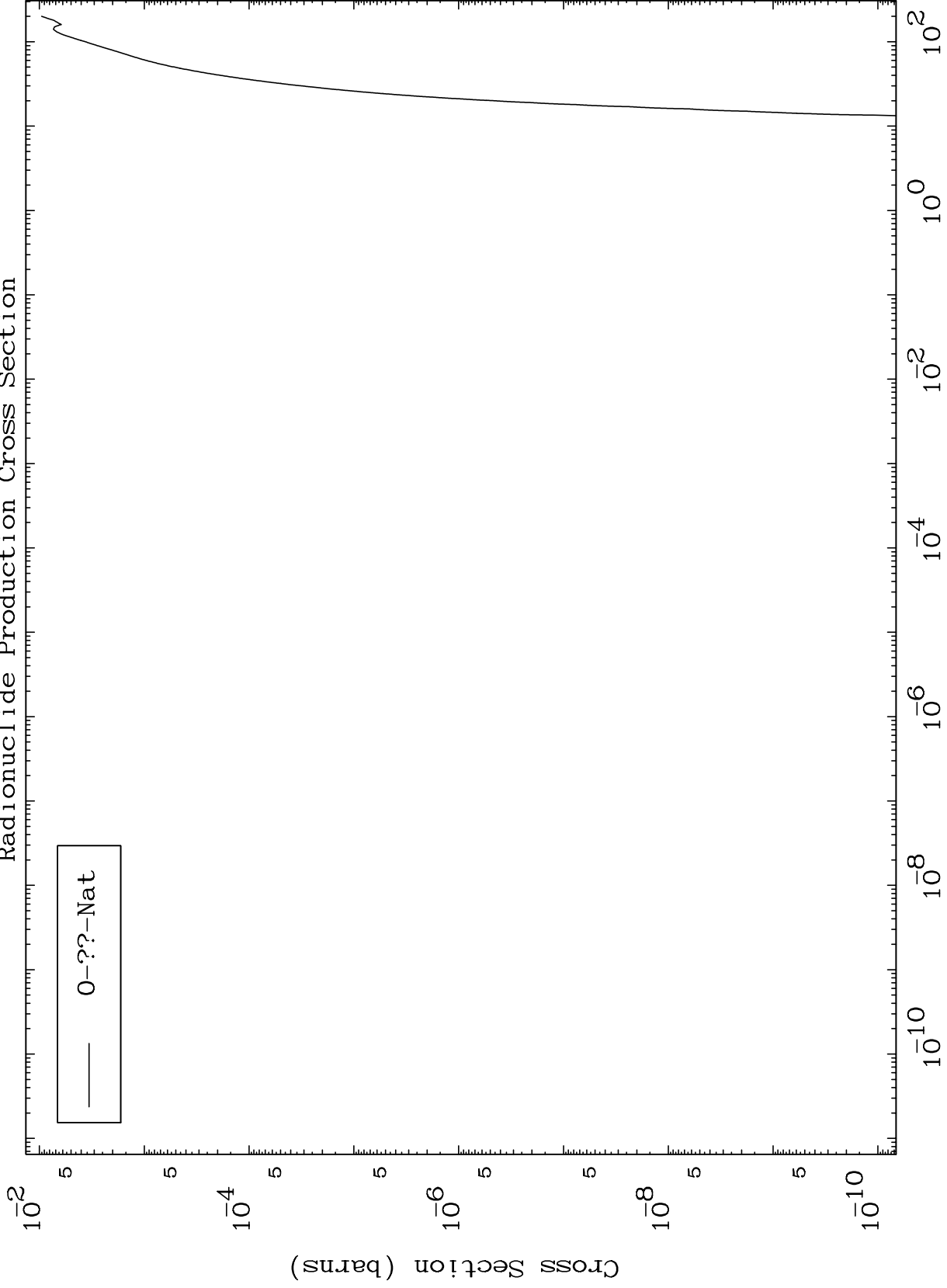


MAT 7934

Fission

<sup>79</sup>Au-200

Radionuclide Production Cross Section

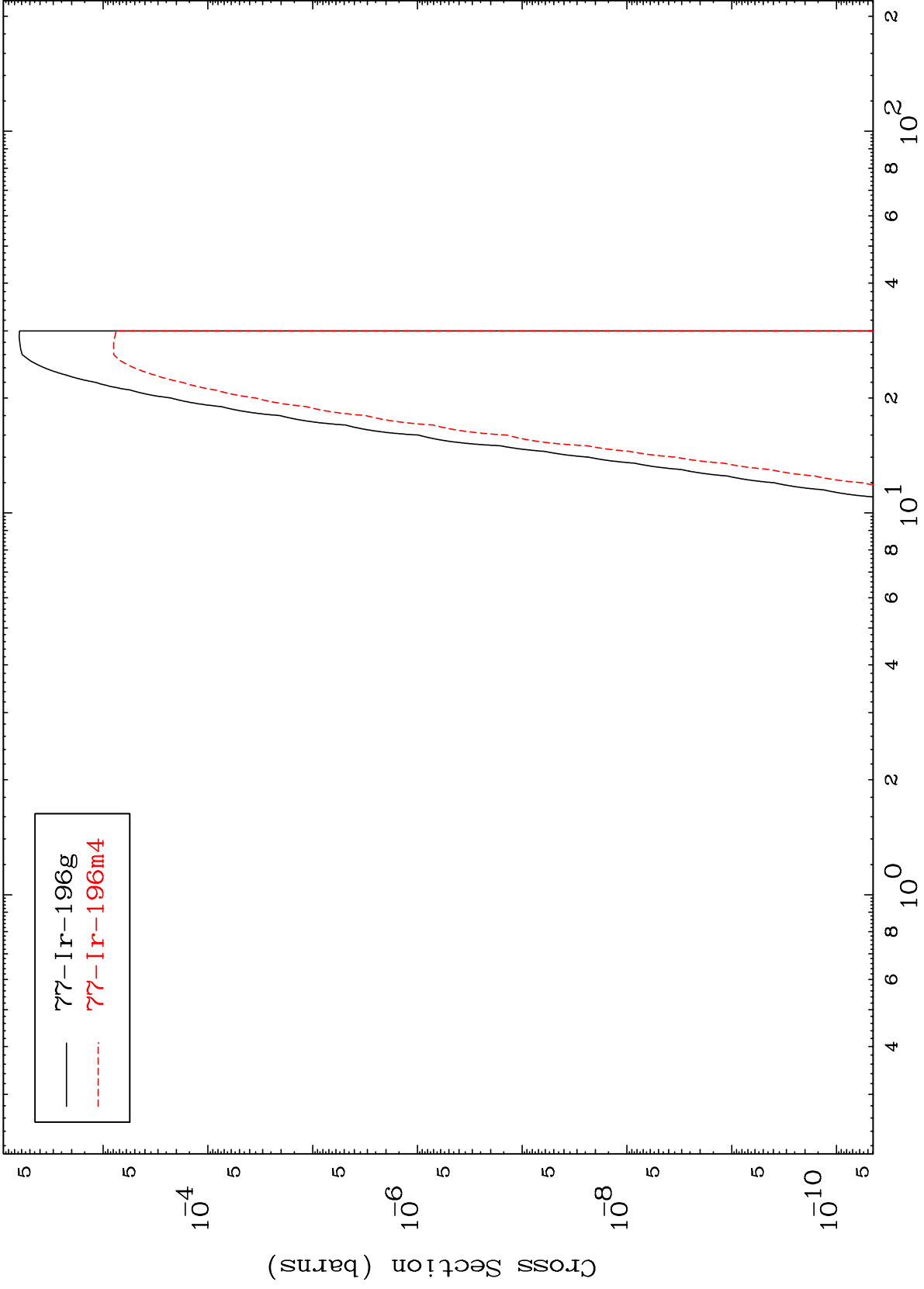


MAT 7934

$(n, n') \alpha$

79-Au-200

Radionuclide Production Cross Section



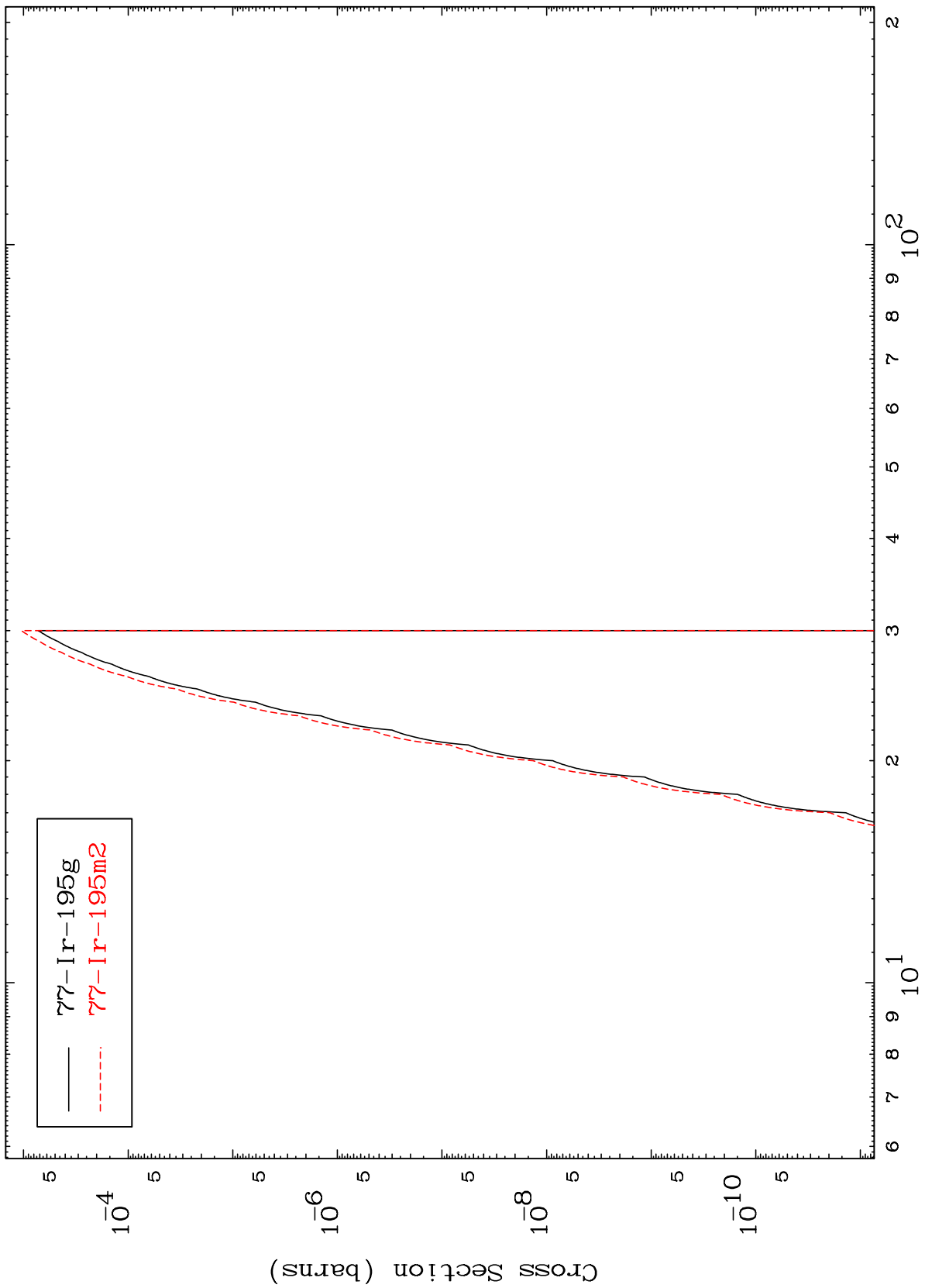
—  $^{77}\text{Ir-196g}$   
- - -  $^{77}\text{Ir-196m4}$

MAT 7934

(n,2n)  $\alpha$

79-Au-200

Radionuclide Production Cross Section



130

Incident Energy (MeV)

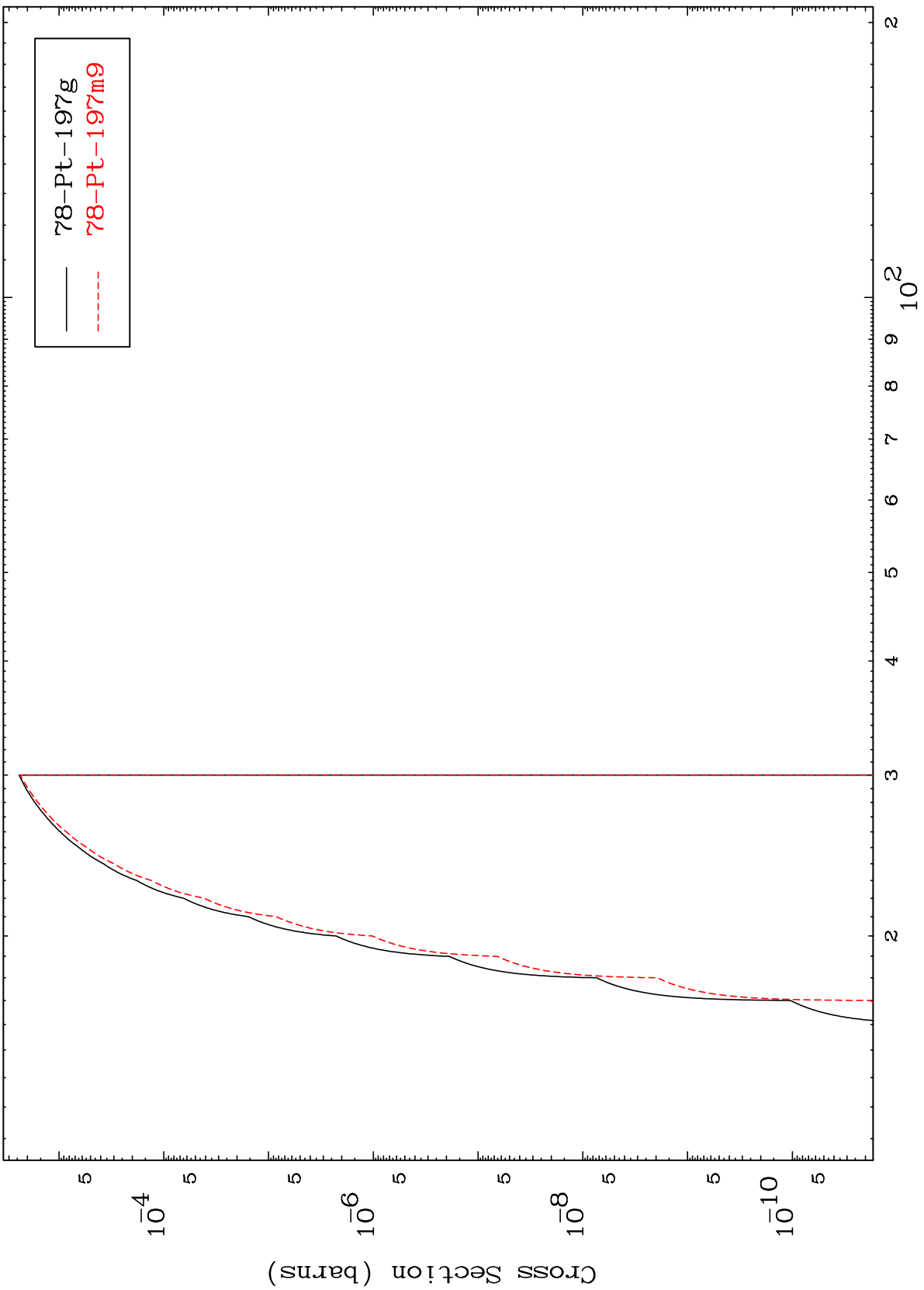
79-Au-200

MAT 7934

(n,n') t

79-Au-200

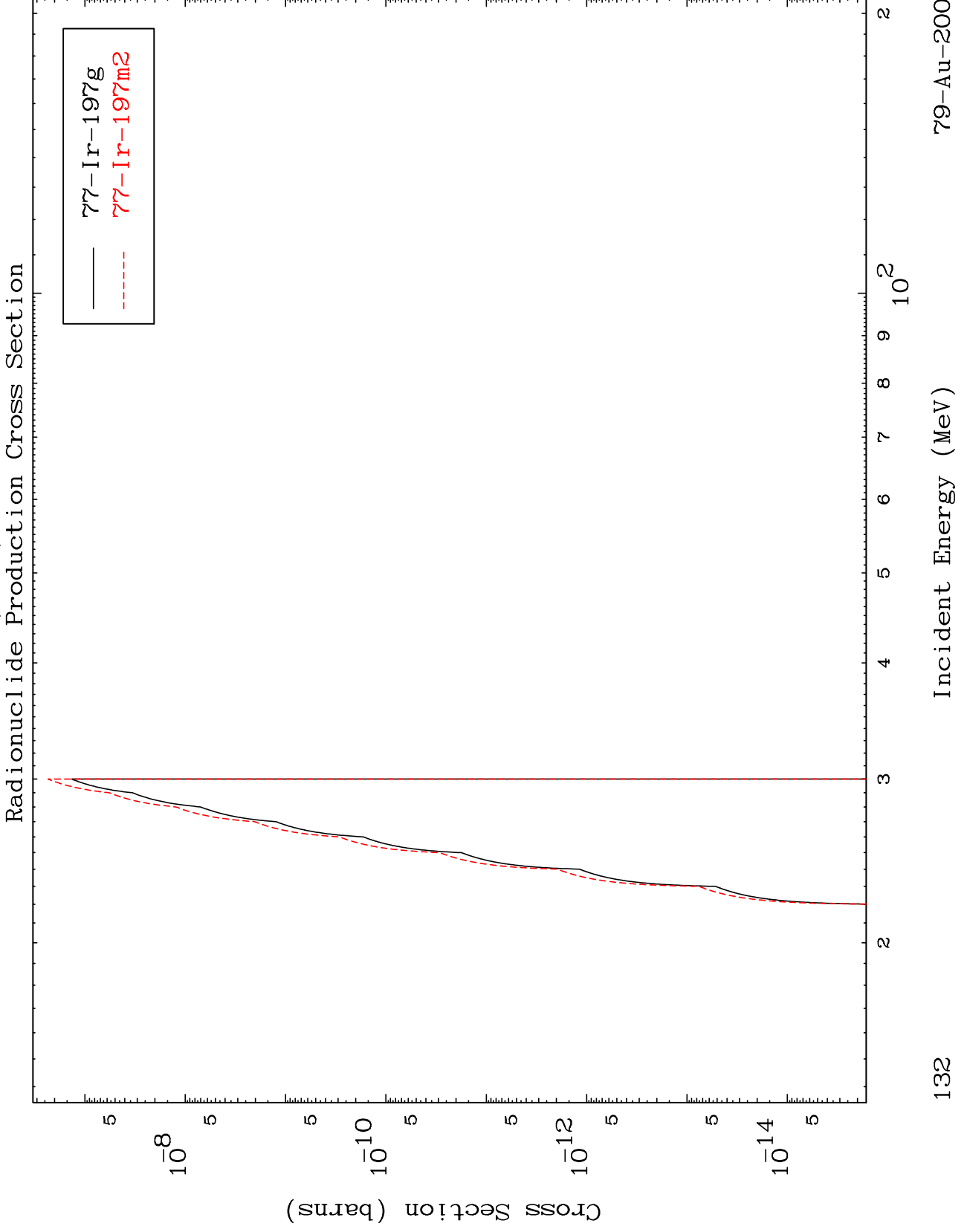
Radionuclide Production Cross Section

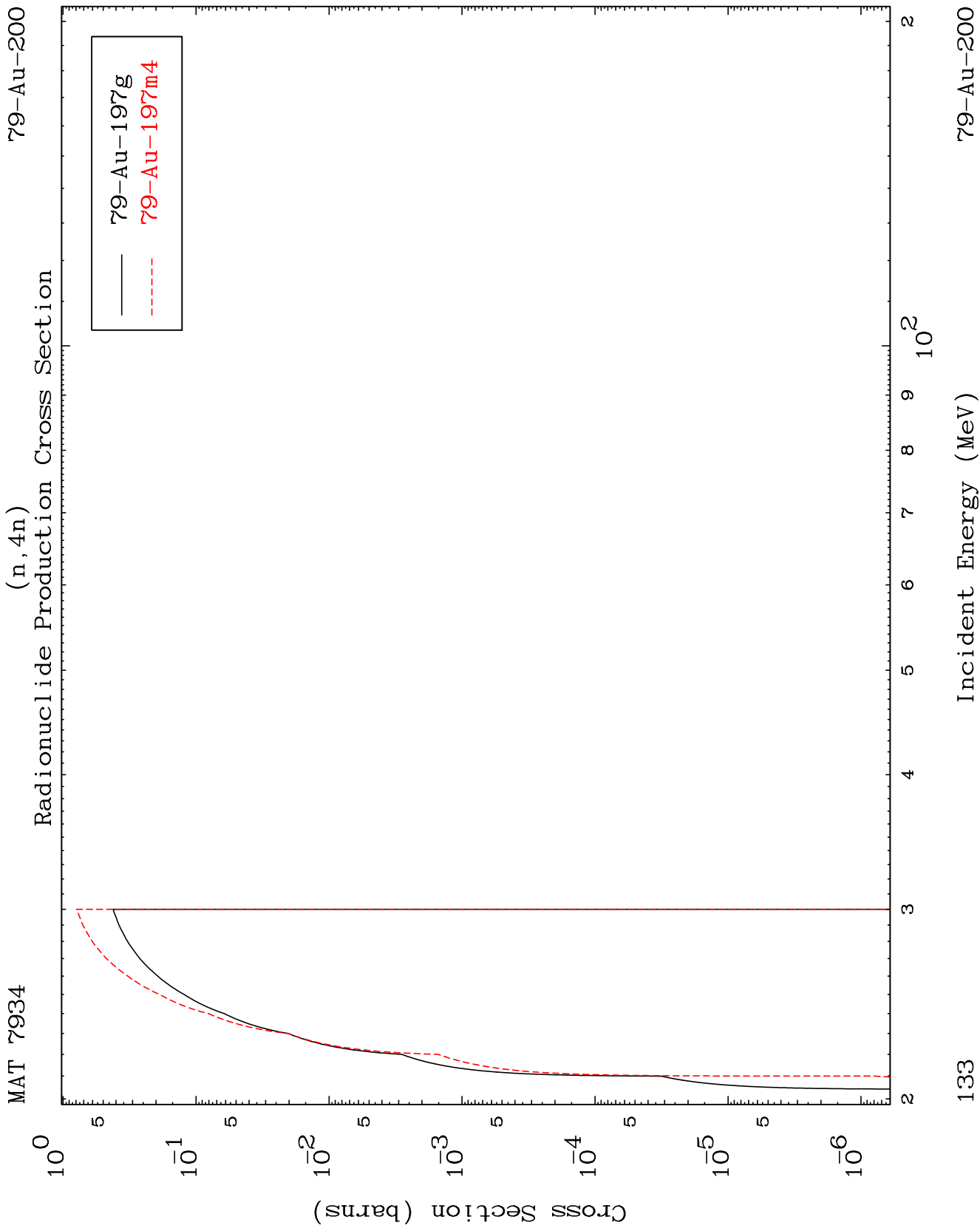


131

Incident Energy (MeV)

79-Au-200



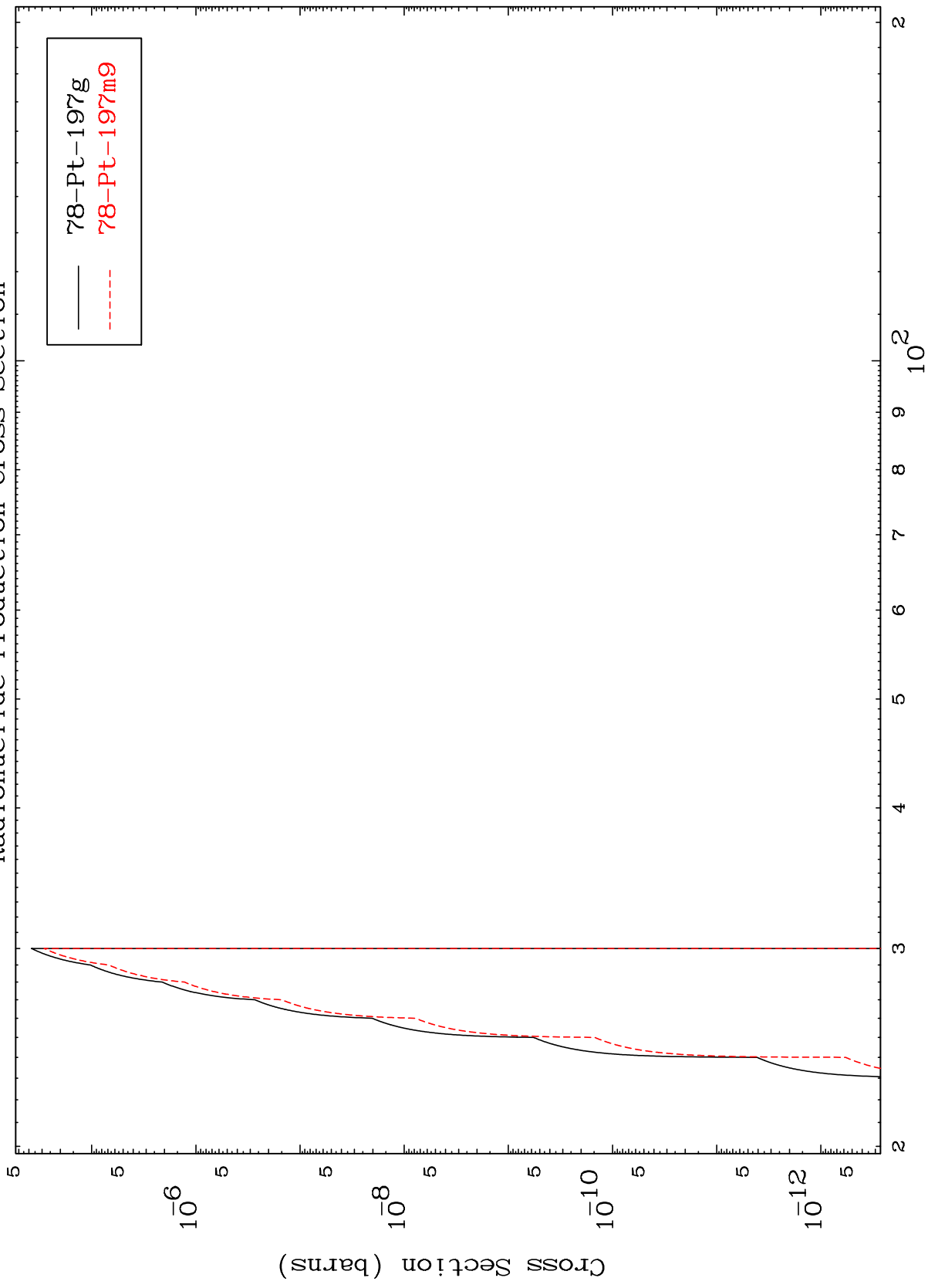


MAT 7934

(n,3n) p

79-Au-200

Radionuclide Production Cross Section



134

Incident Energy (MeV)

79-Au-200

MAT 7934

(n,  $\alpha$ )

79-Au-200

Radionuclide Production Cross Section

