

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

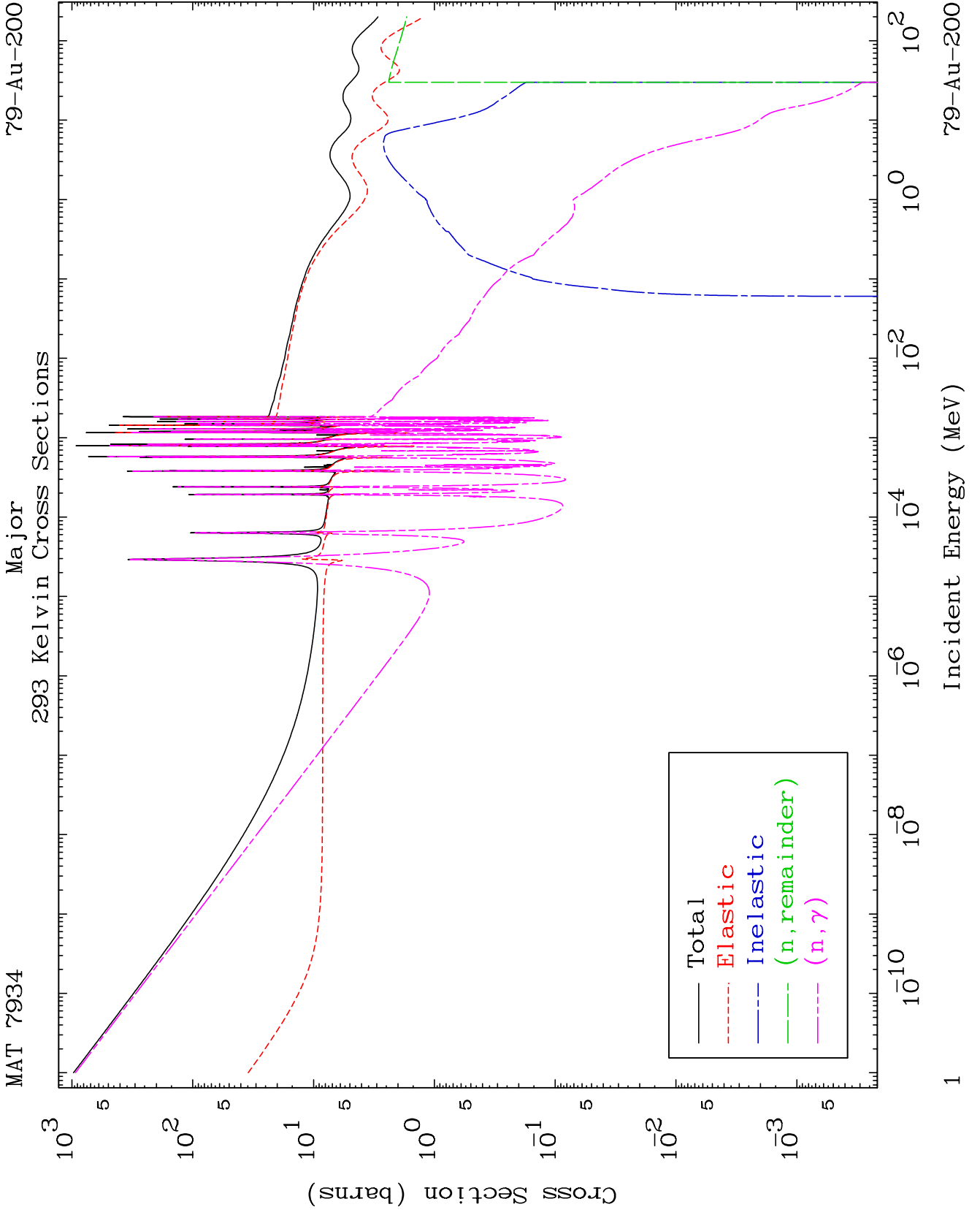
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

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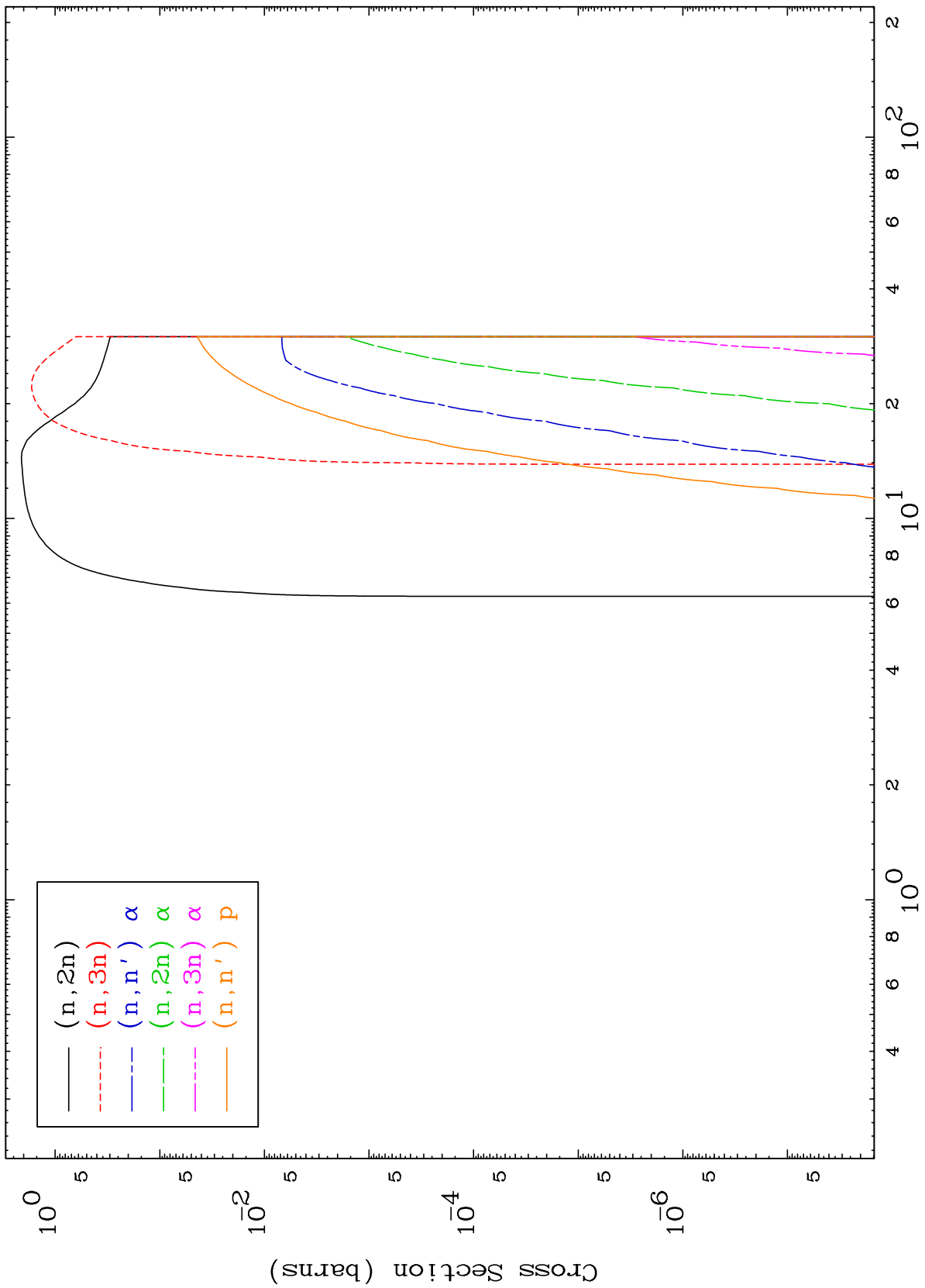
Press Mouse Button to Start



MAT 7934

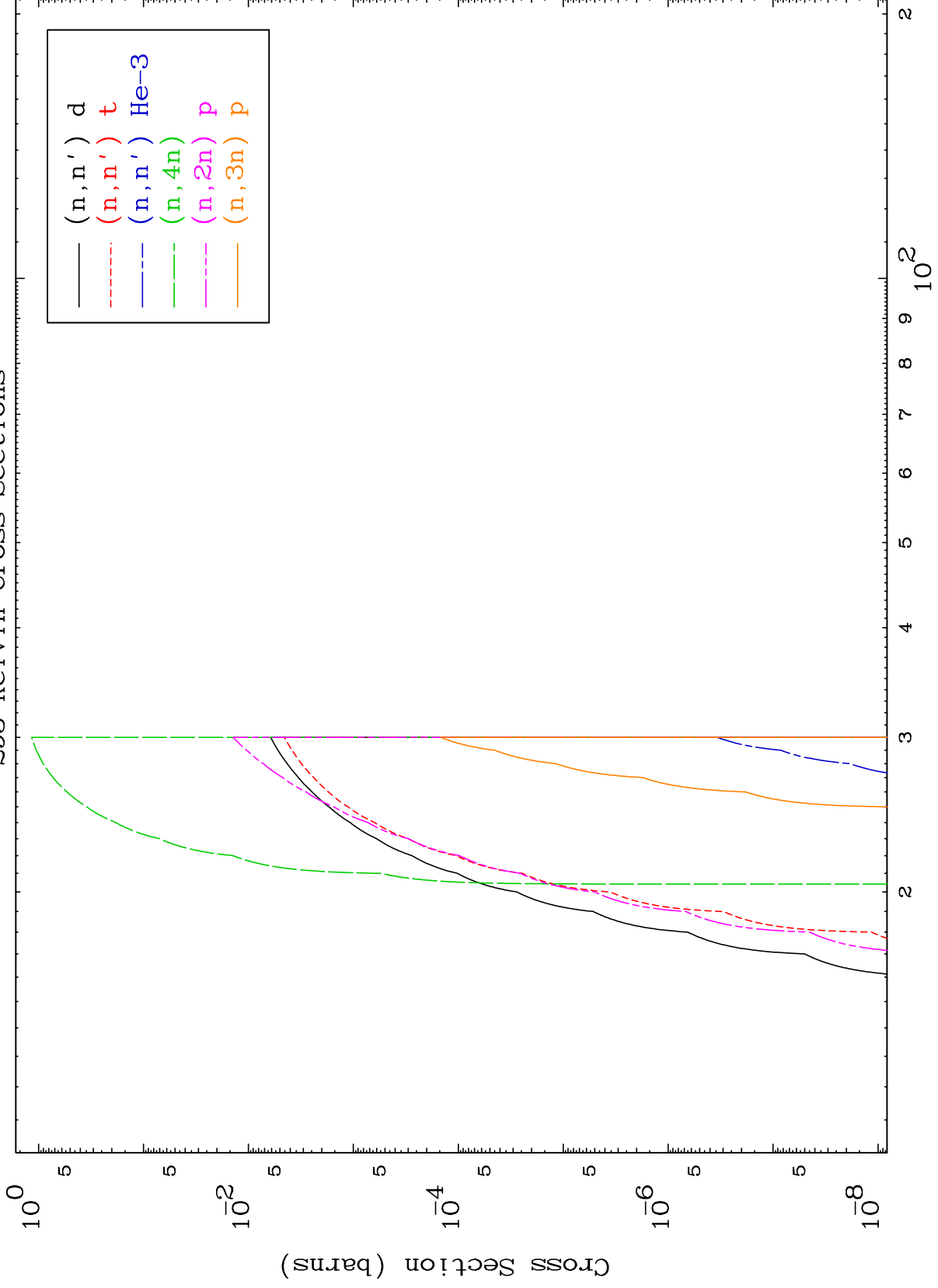
Neutron Production  
293 Kelvin Cross Sections

79-Au-200



Incident Energy (MeV)

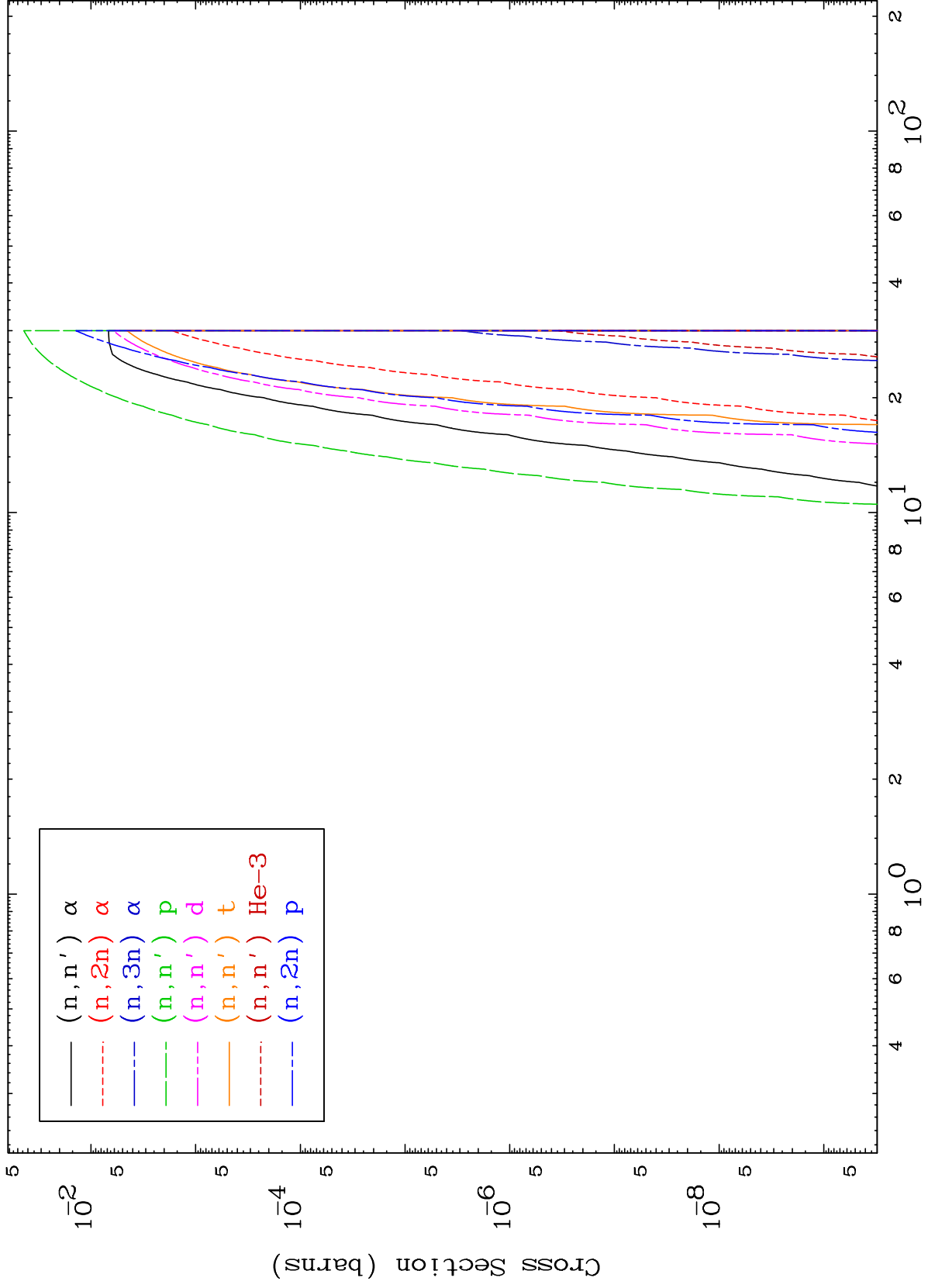
79-Au-200



MAT 7934

Charged Particle  
293 Kelvin Cross Sections

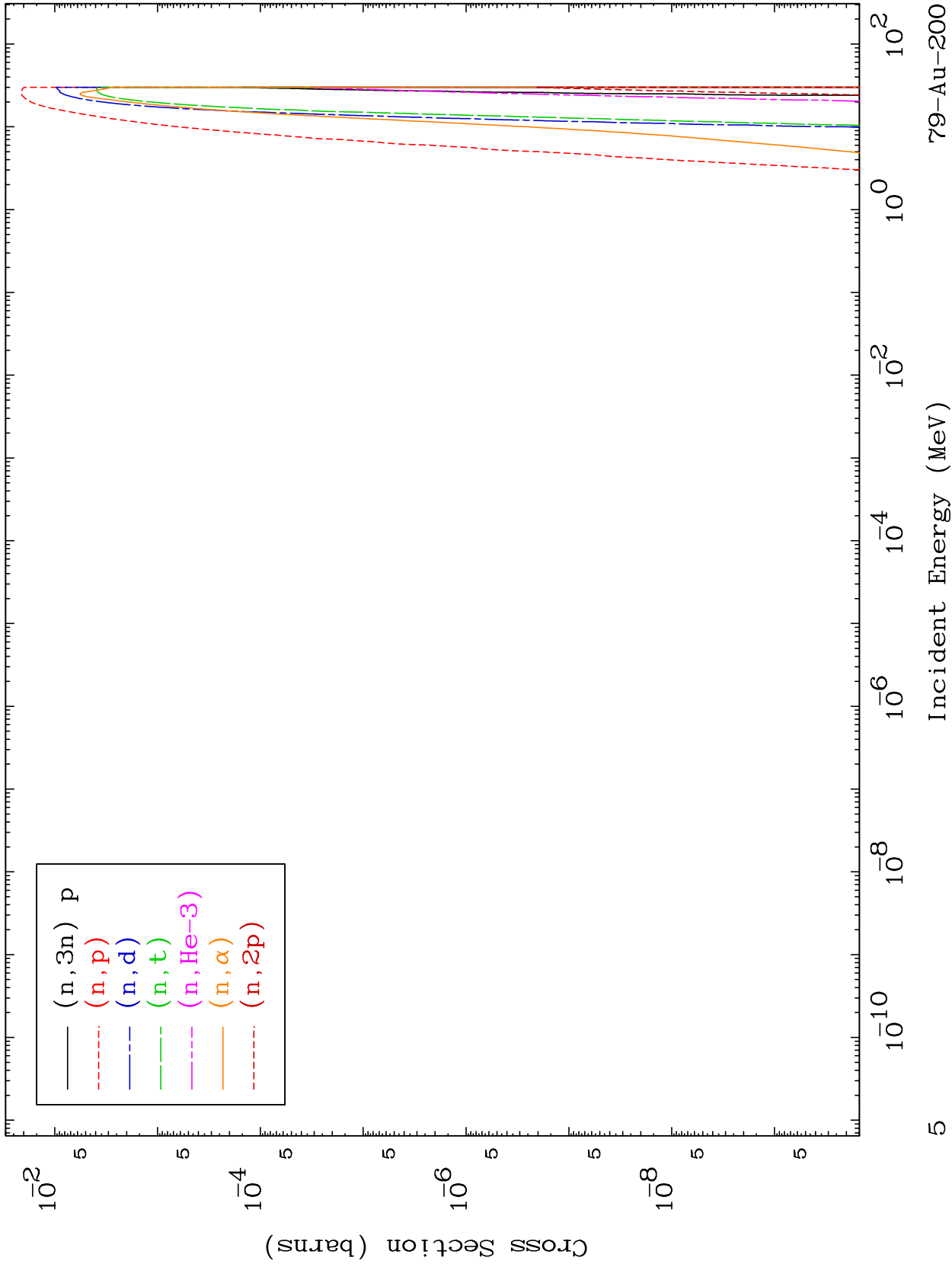
79-Au-200



MAT 7934

Charged Particle  
293 Kelvin Cross Sections

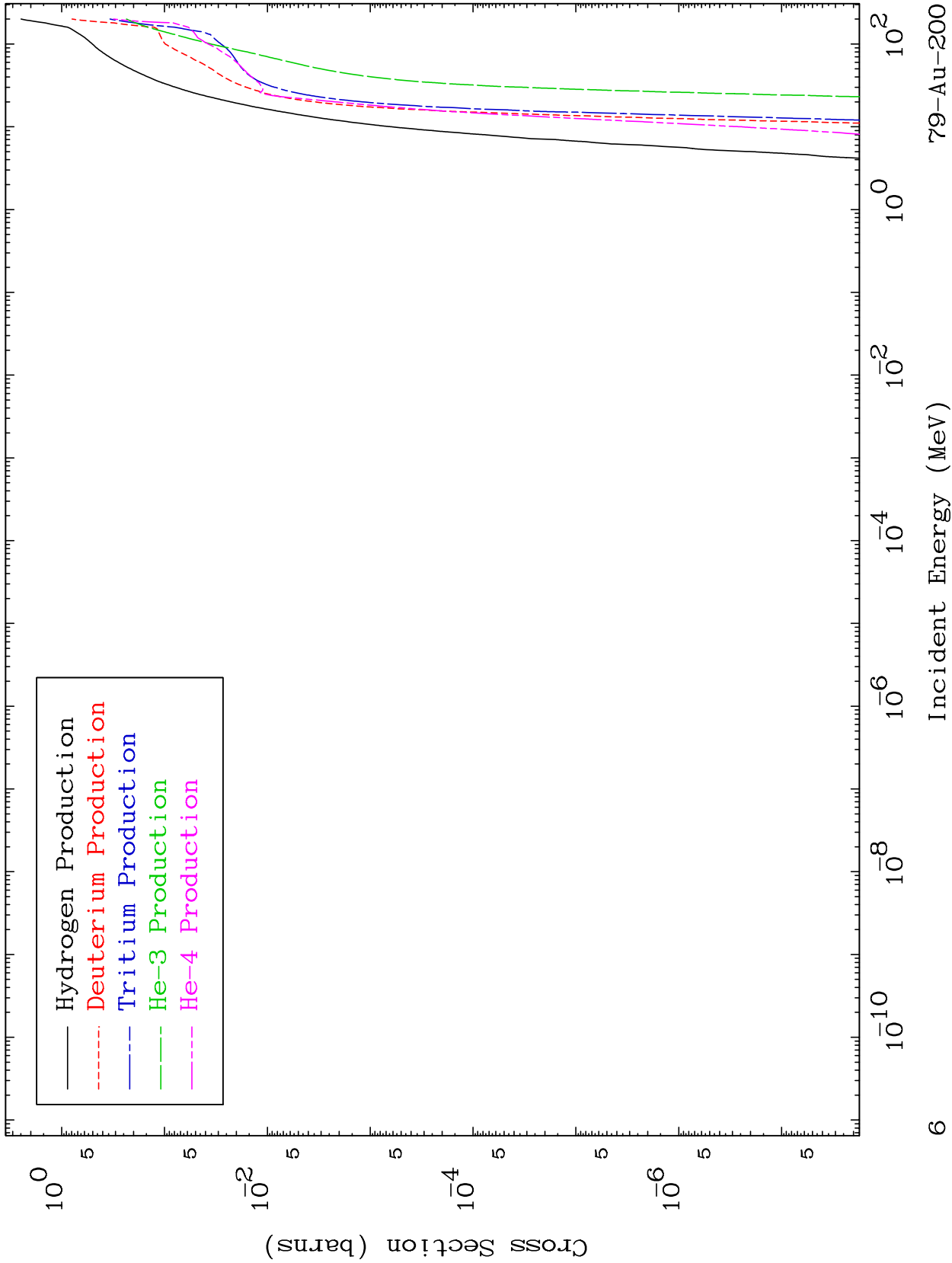
79-Au-200



MAT 7934

Particle Production  
293 Kelvin Cross Sections

79-Au-200

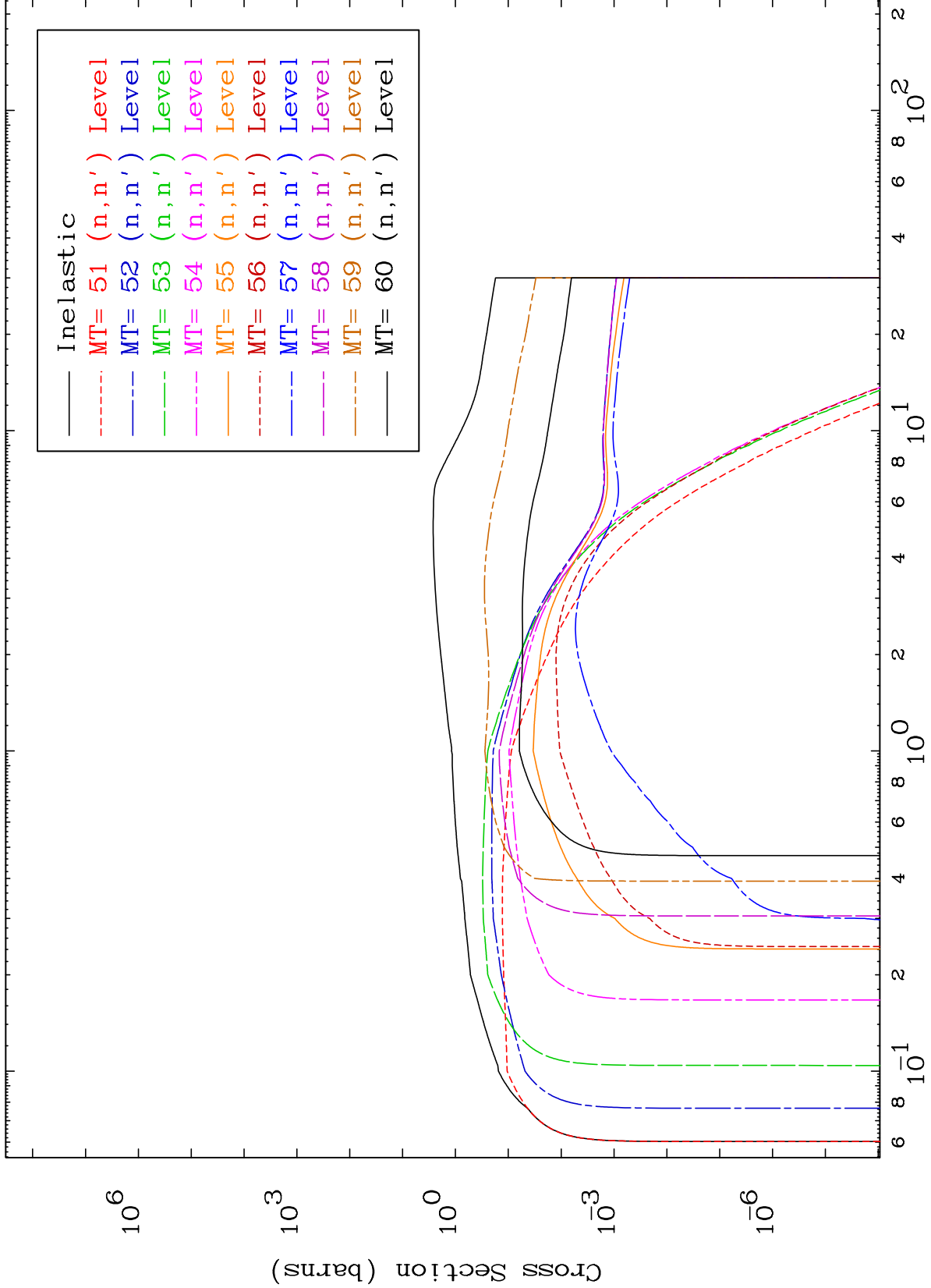


MAT 7934

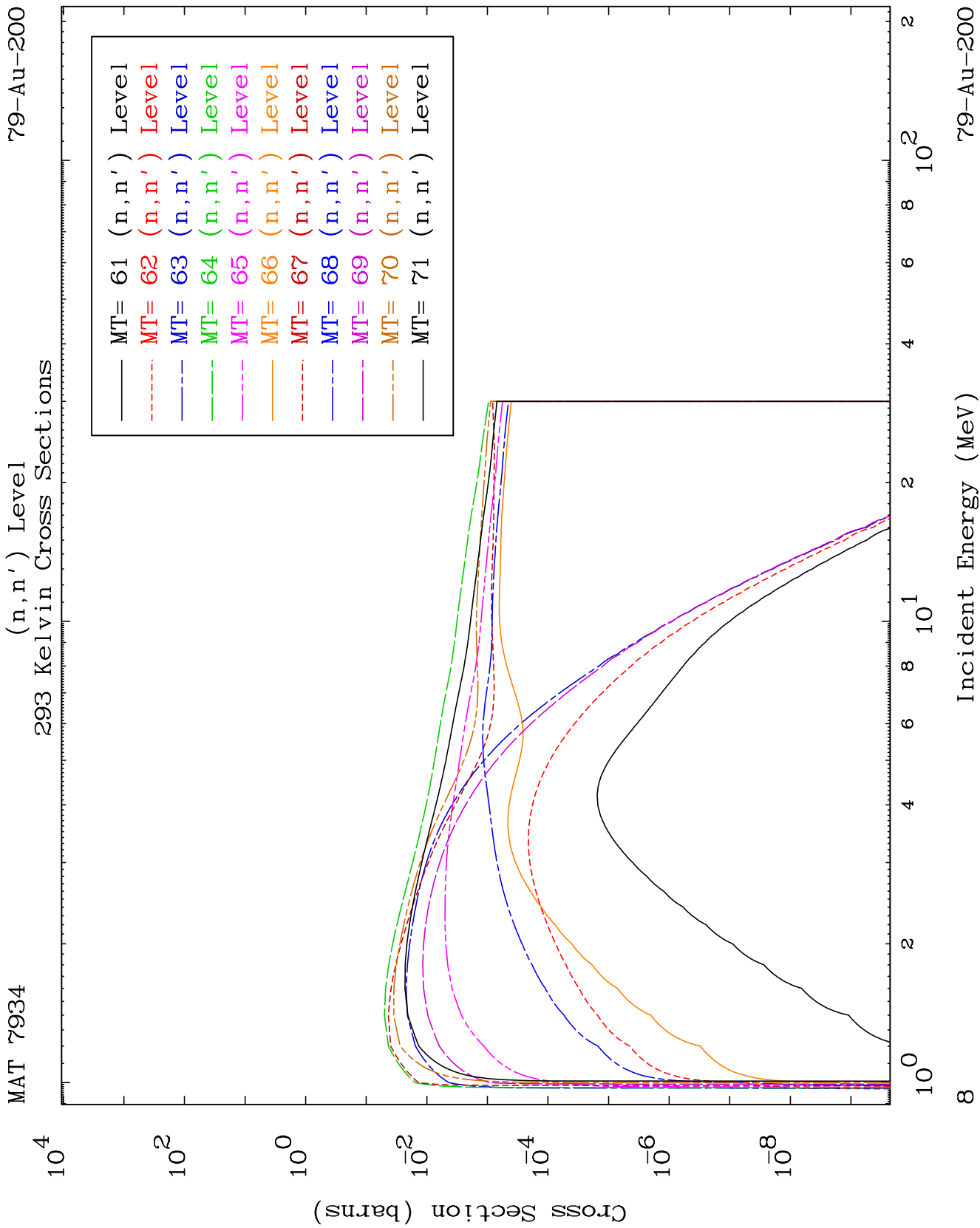
(n,n') Level

79-Au-200

293 Kelvin Cross Sections





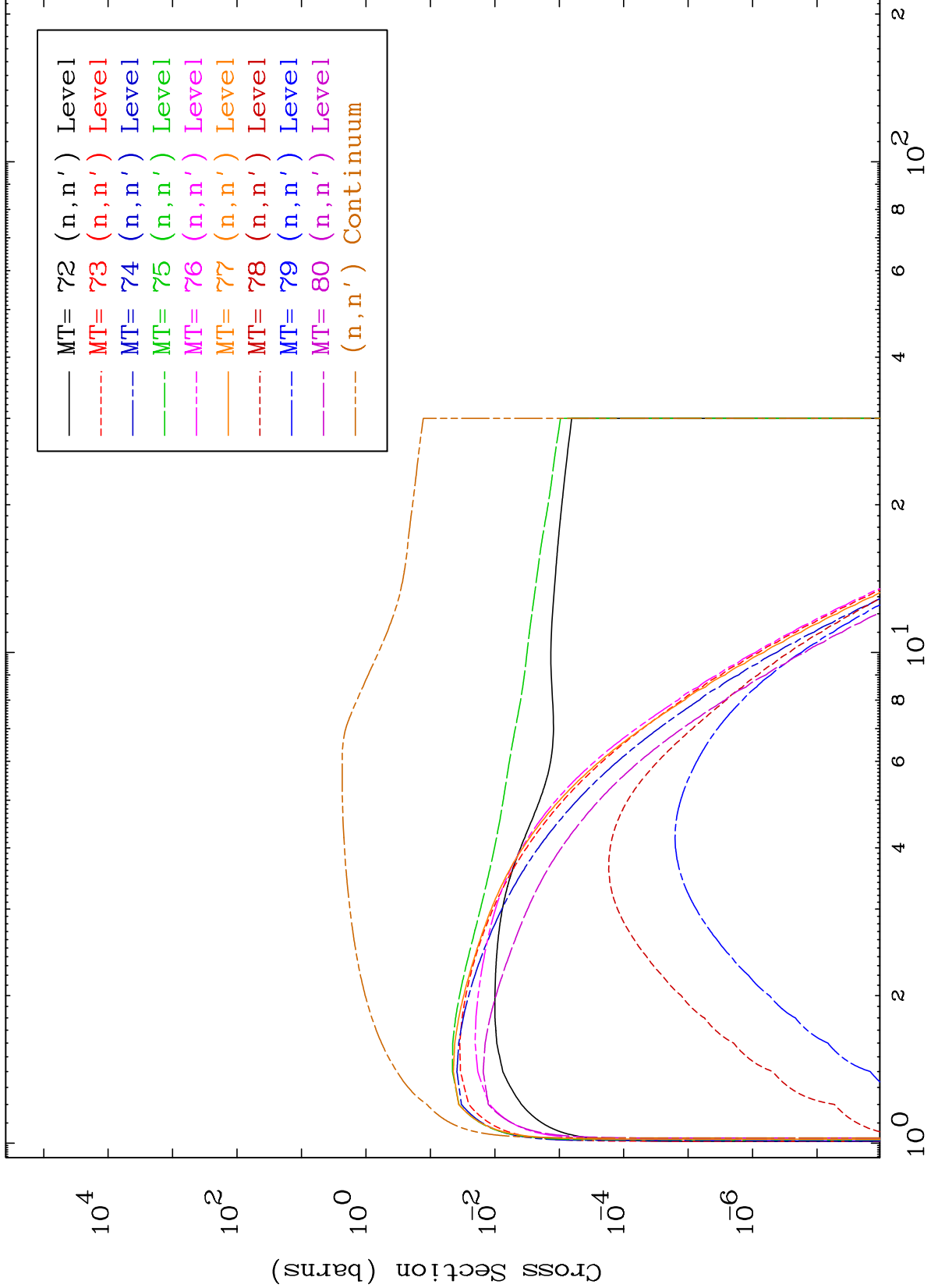


MAT 7934

(n,n') Level

79-Au-200

293 Kelvin Cross Sections



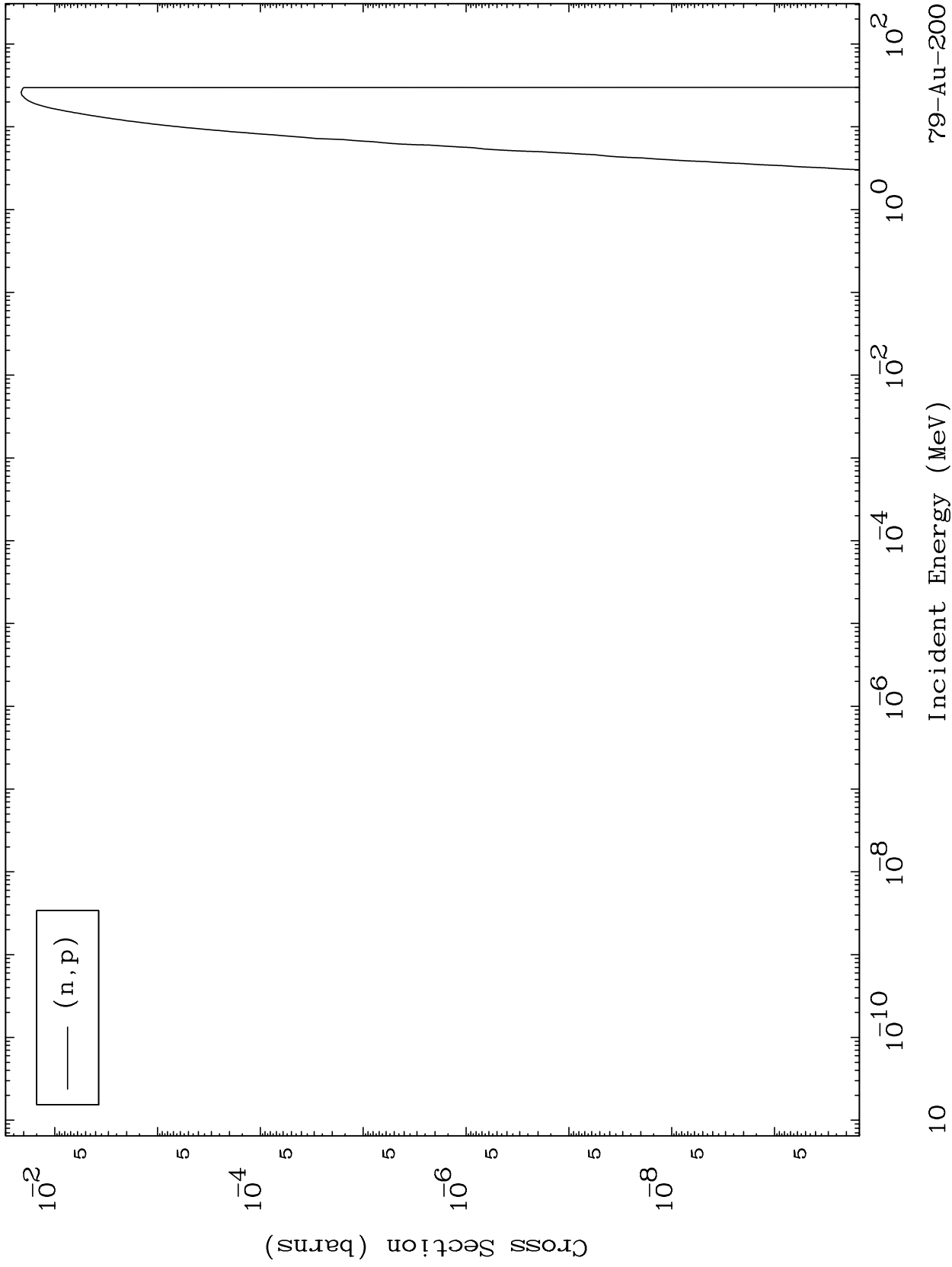
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-200



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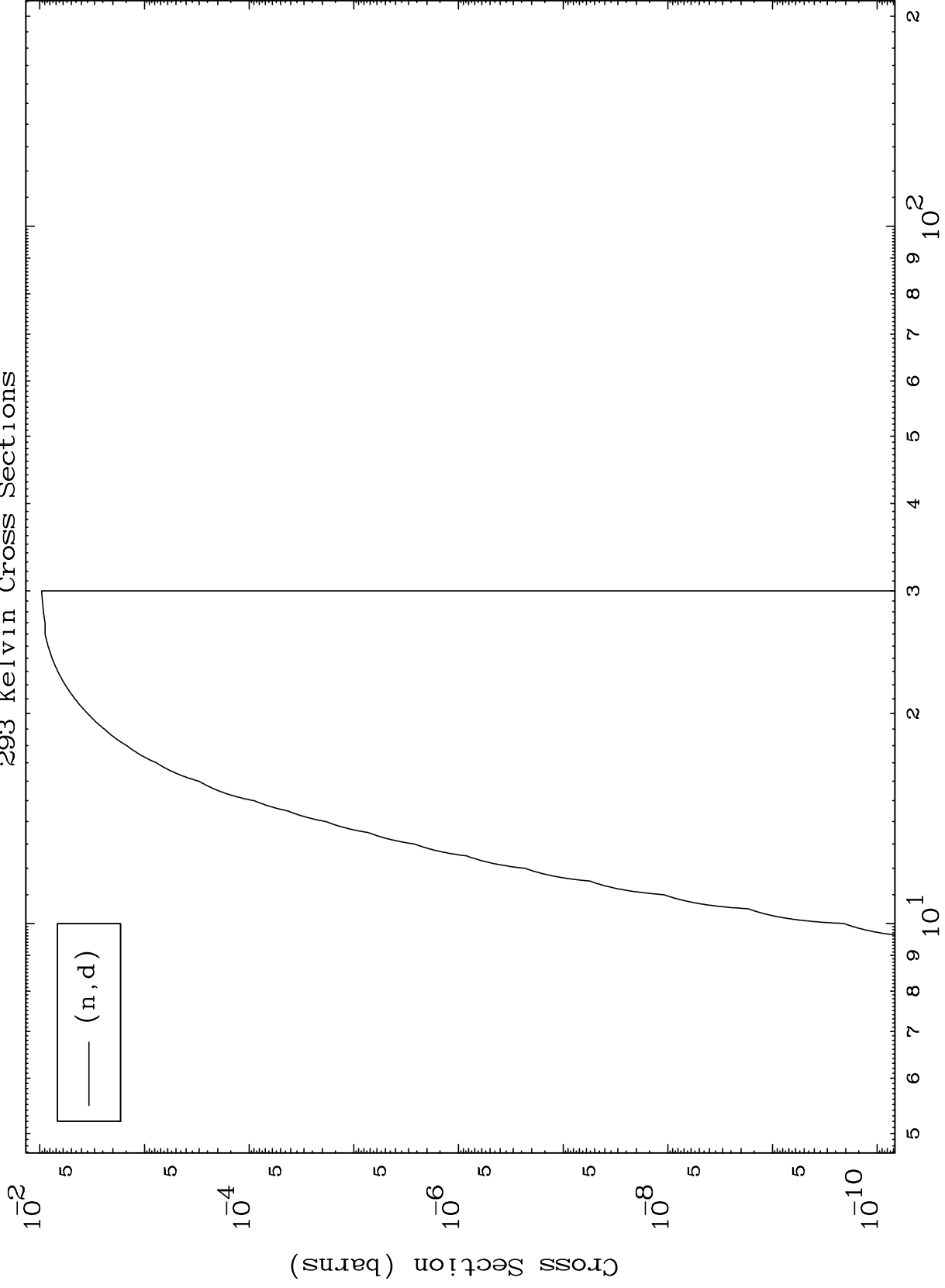
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-200



11

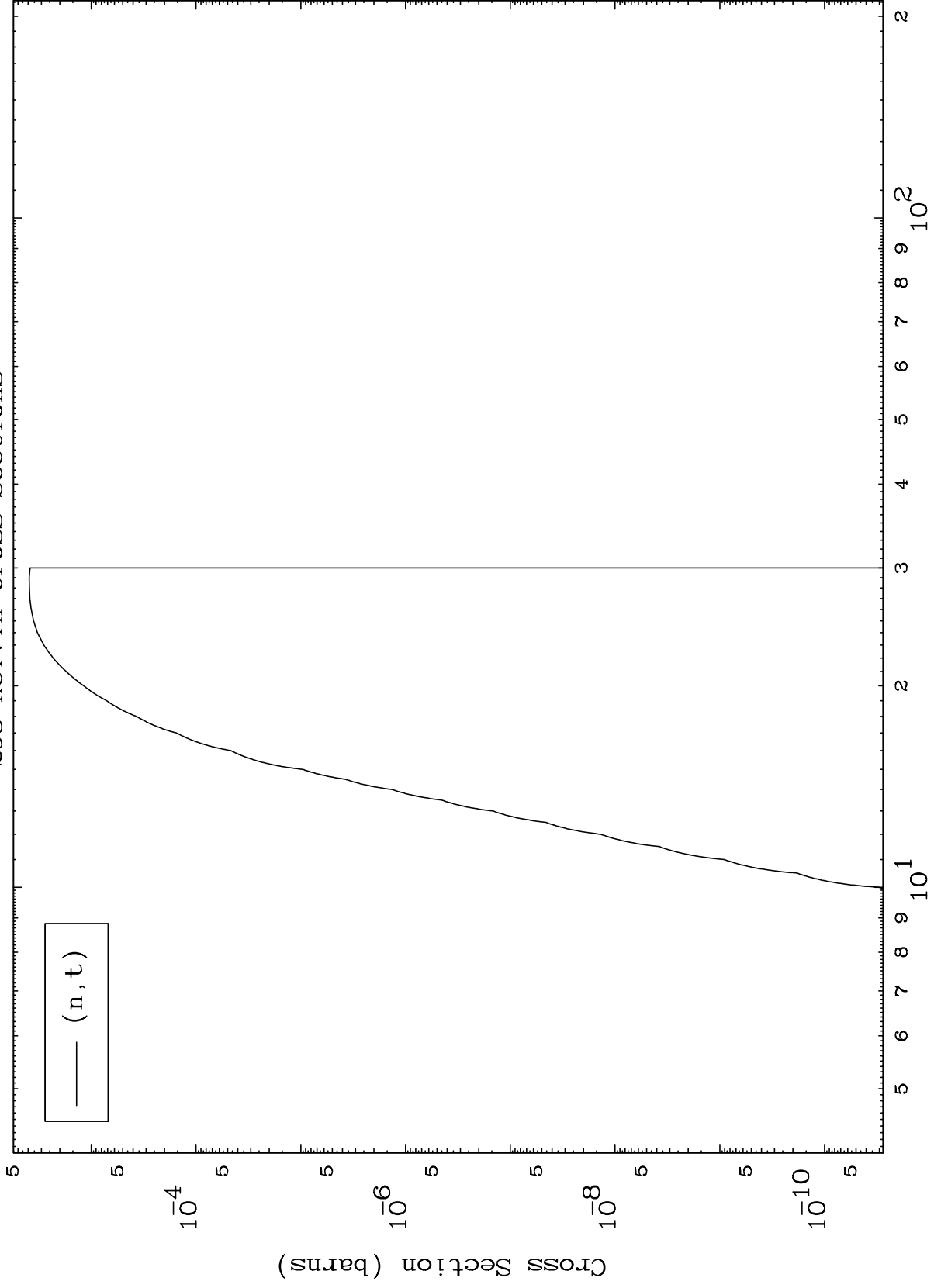
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-200



12

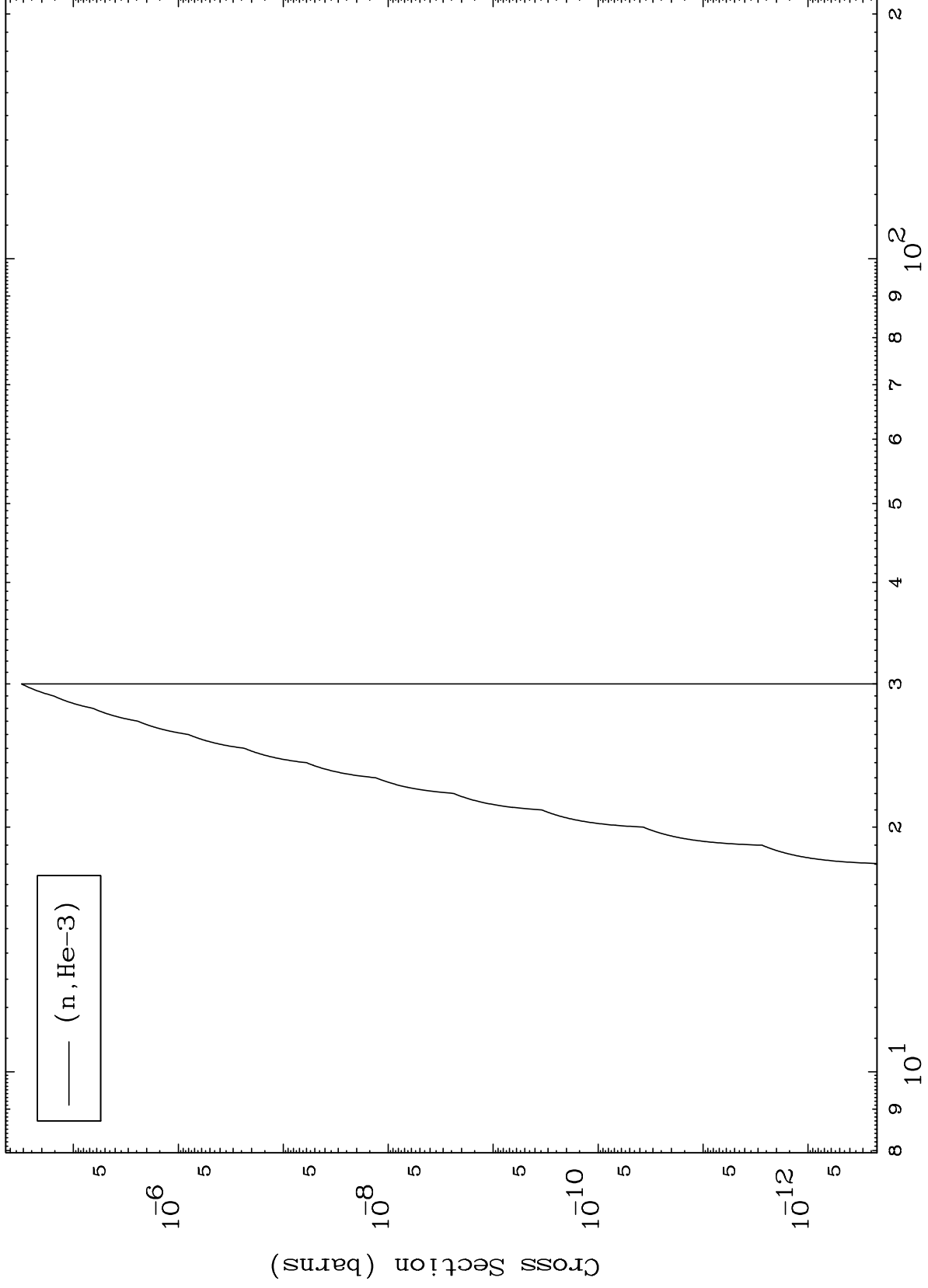
Incident Energy (MeV)

79-Au-200

MAT 7934

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-200



13

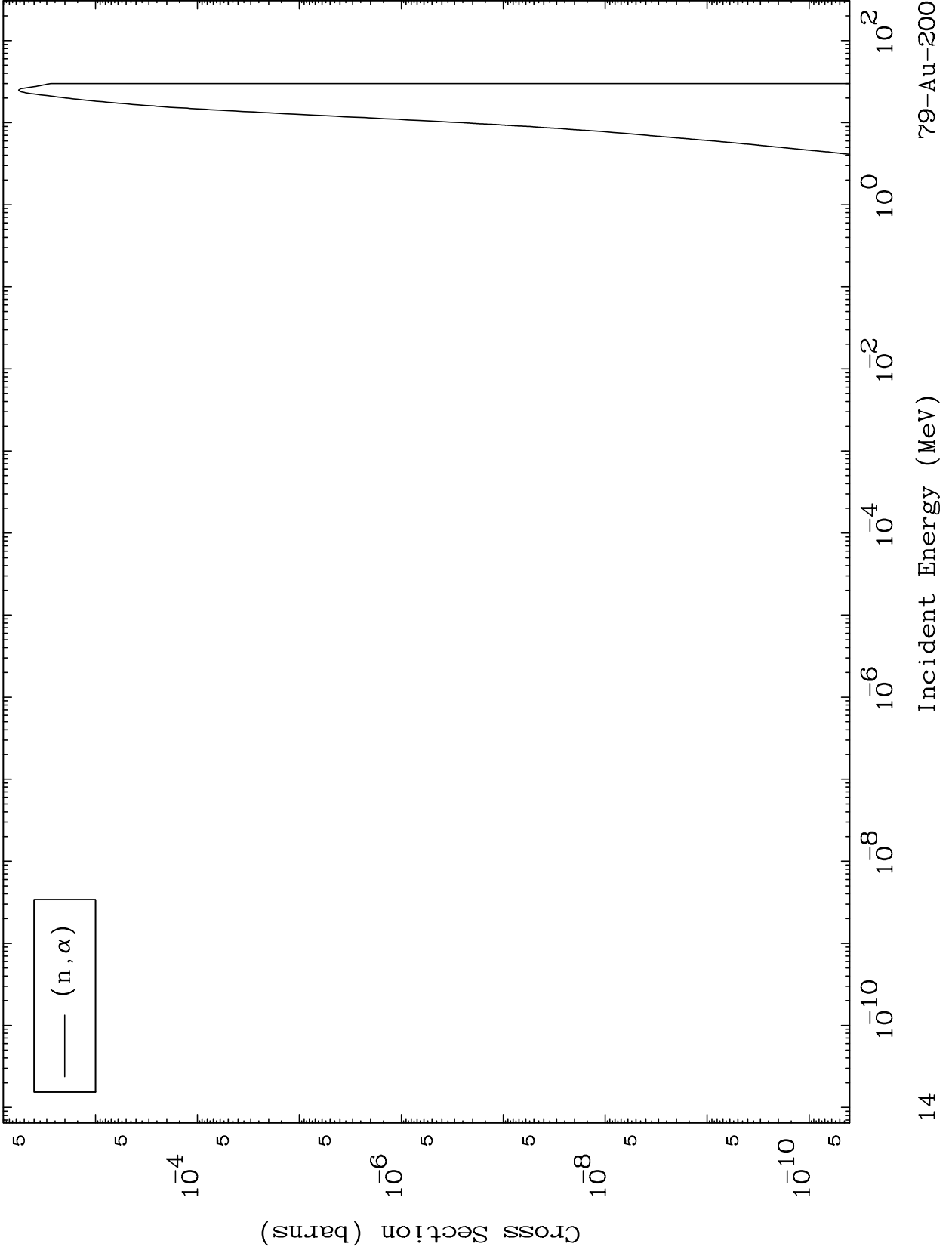
Incident Energy (MeV)

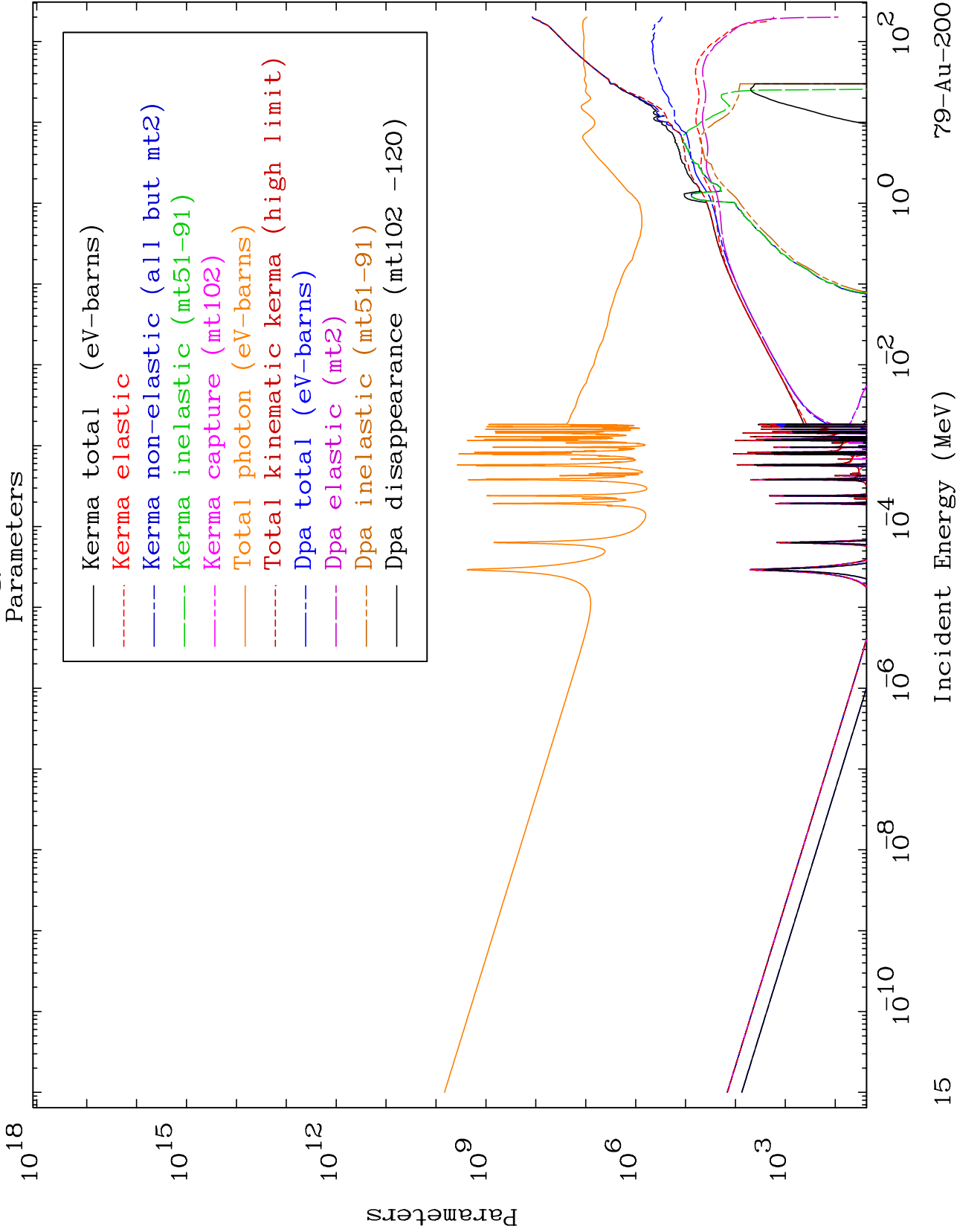
79-Au-200

MAT 7934

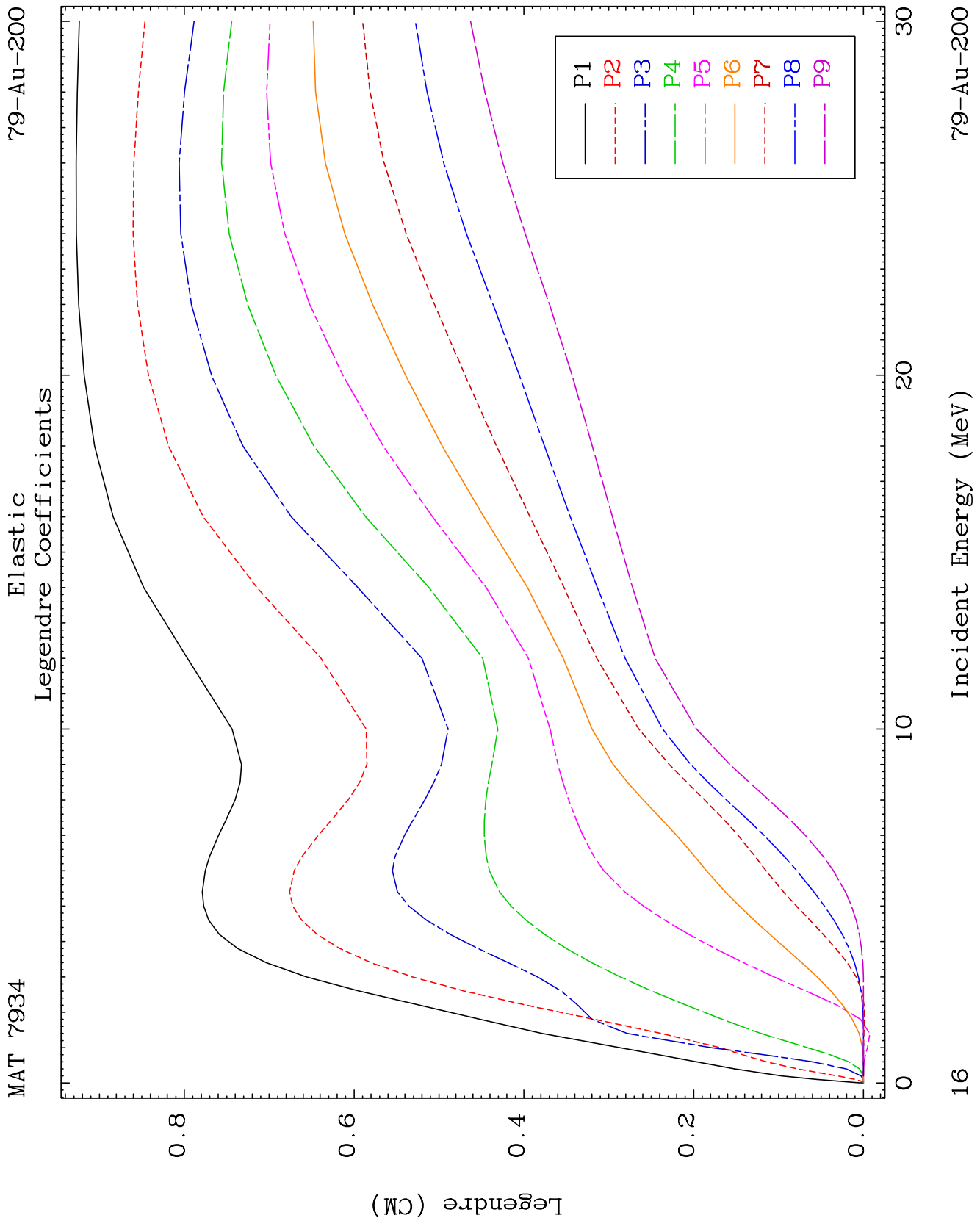
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

79-Au-200





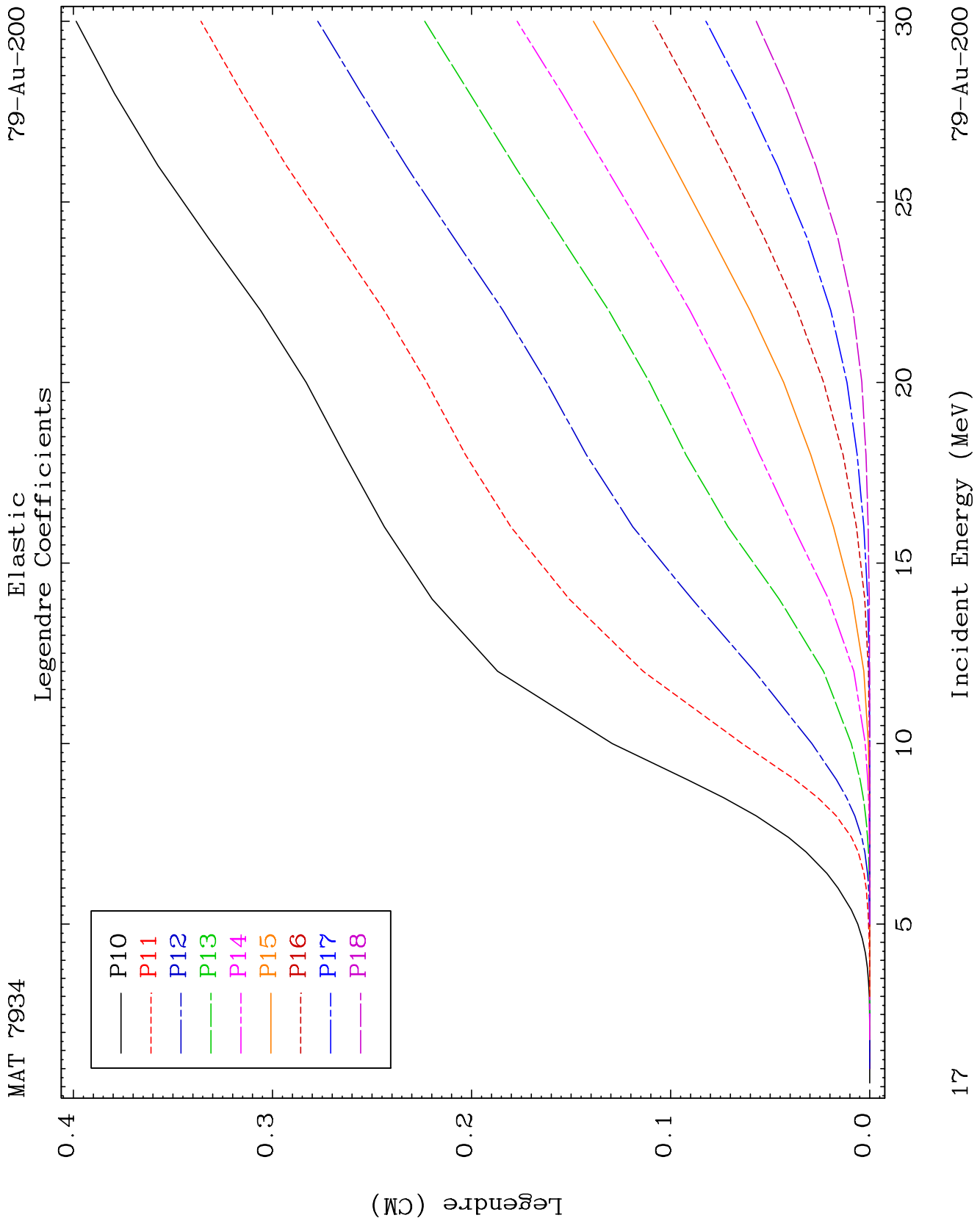




79-Au-200

Incident Energy (MeV)

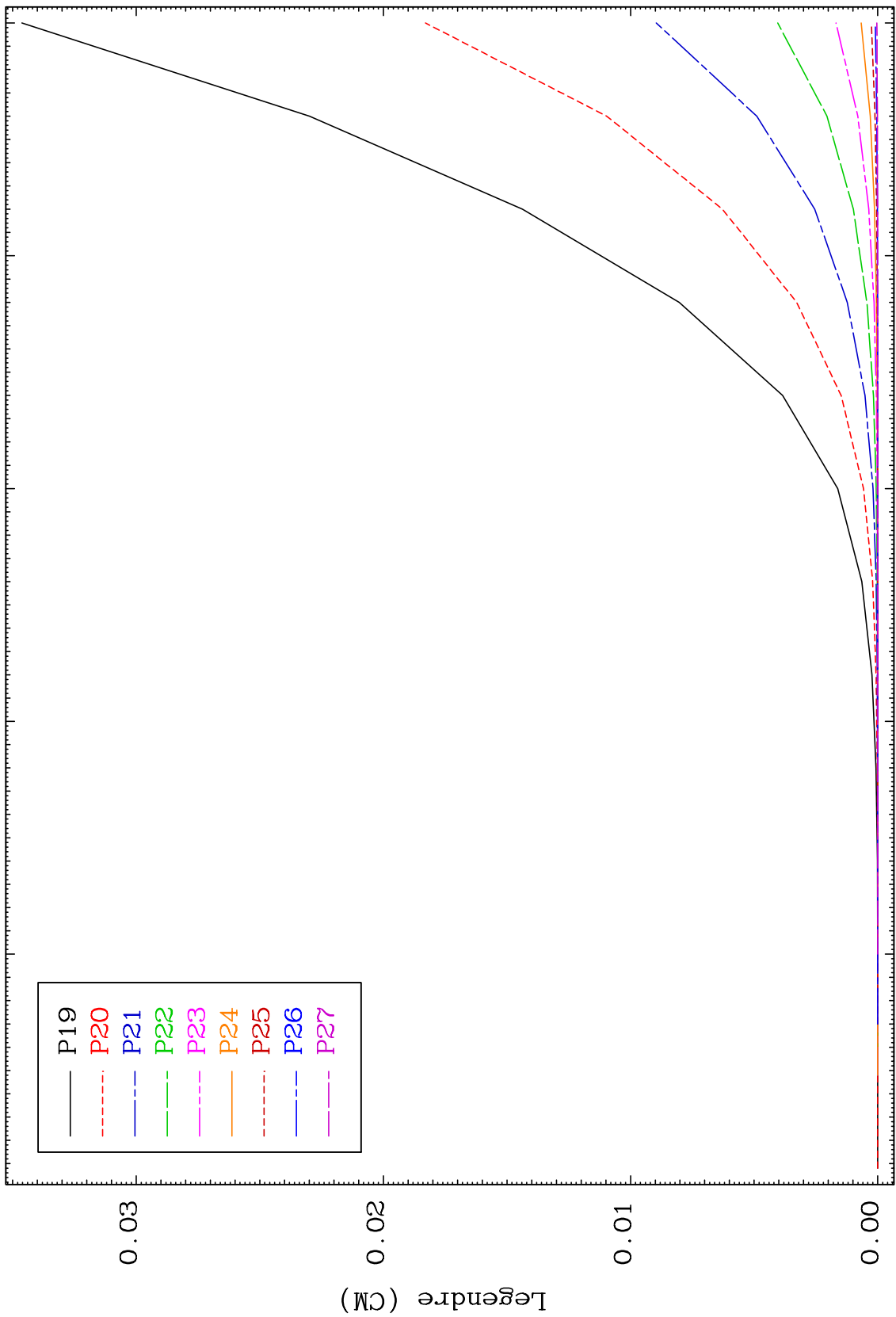
16



MAT 7934

### Elastic Legendre Coefficients

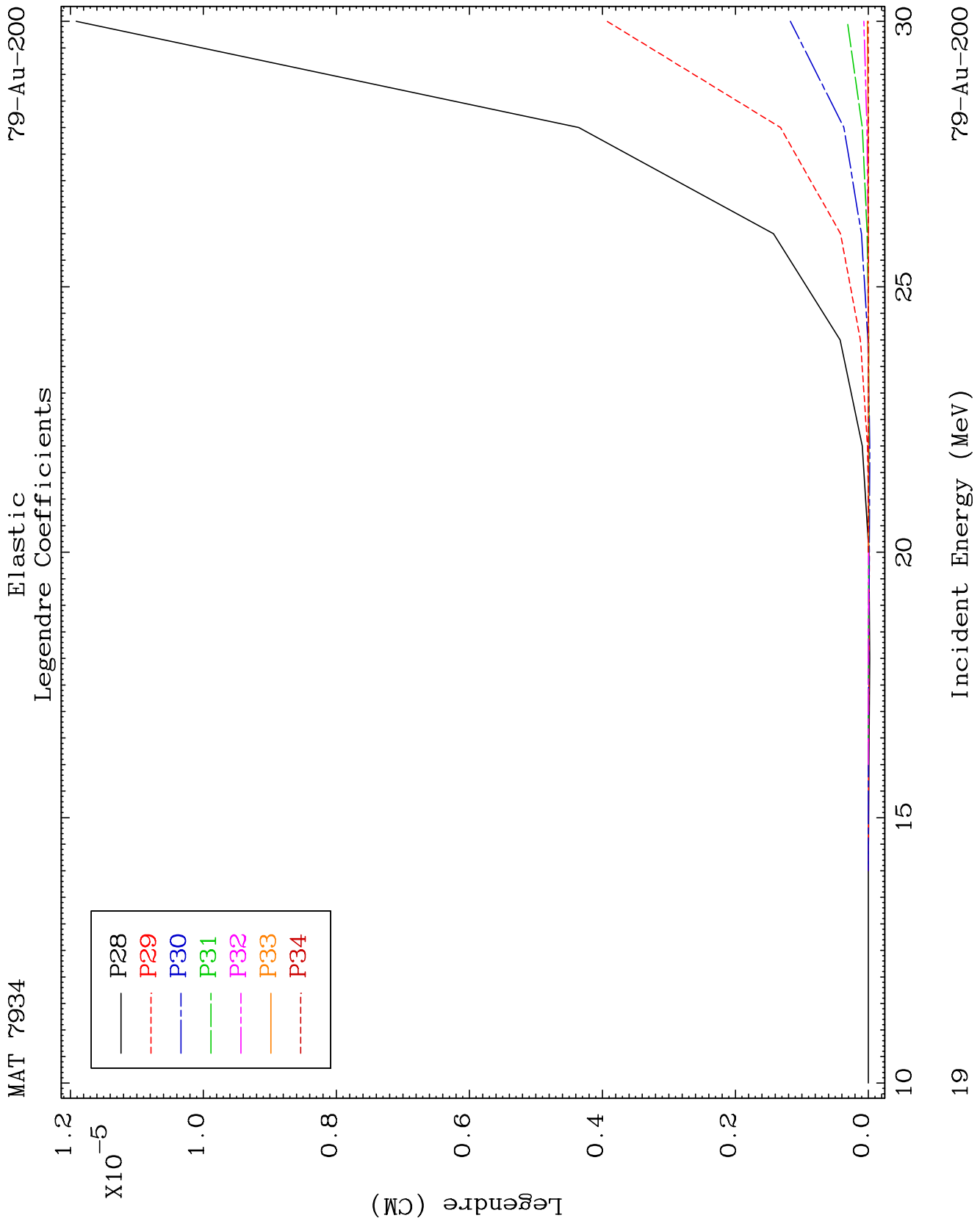
79-Au-200

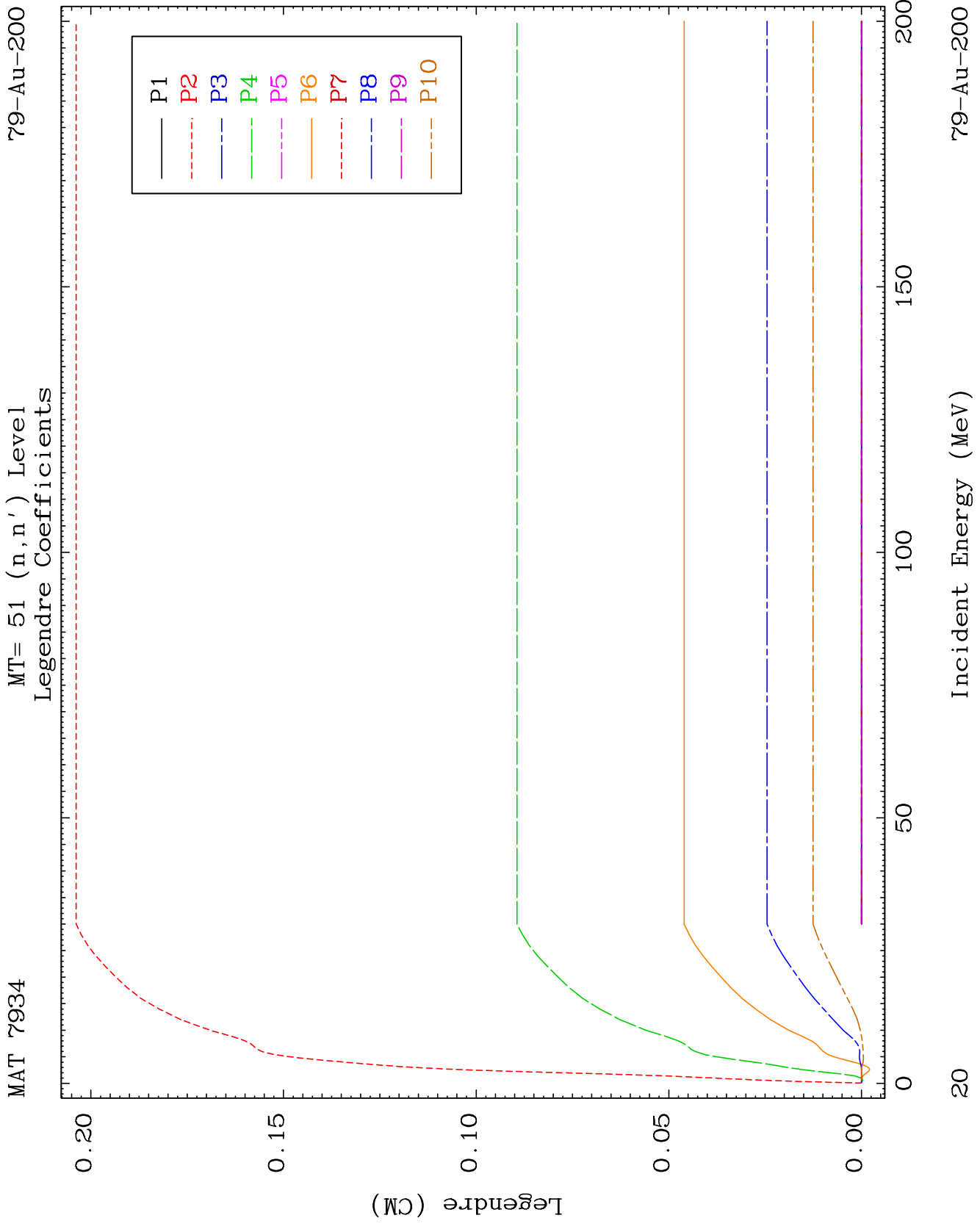


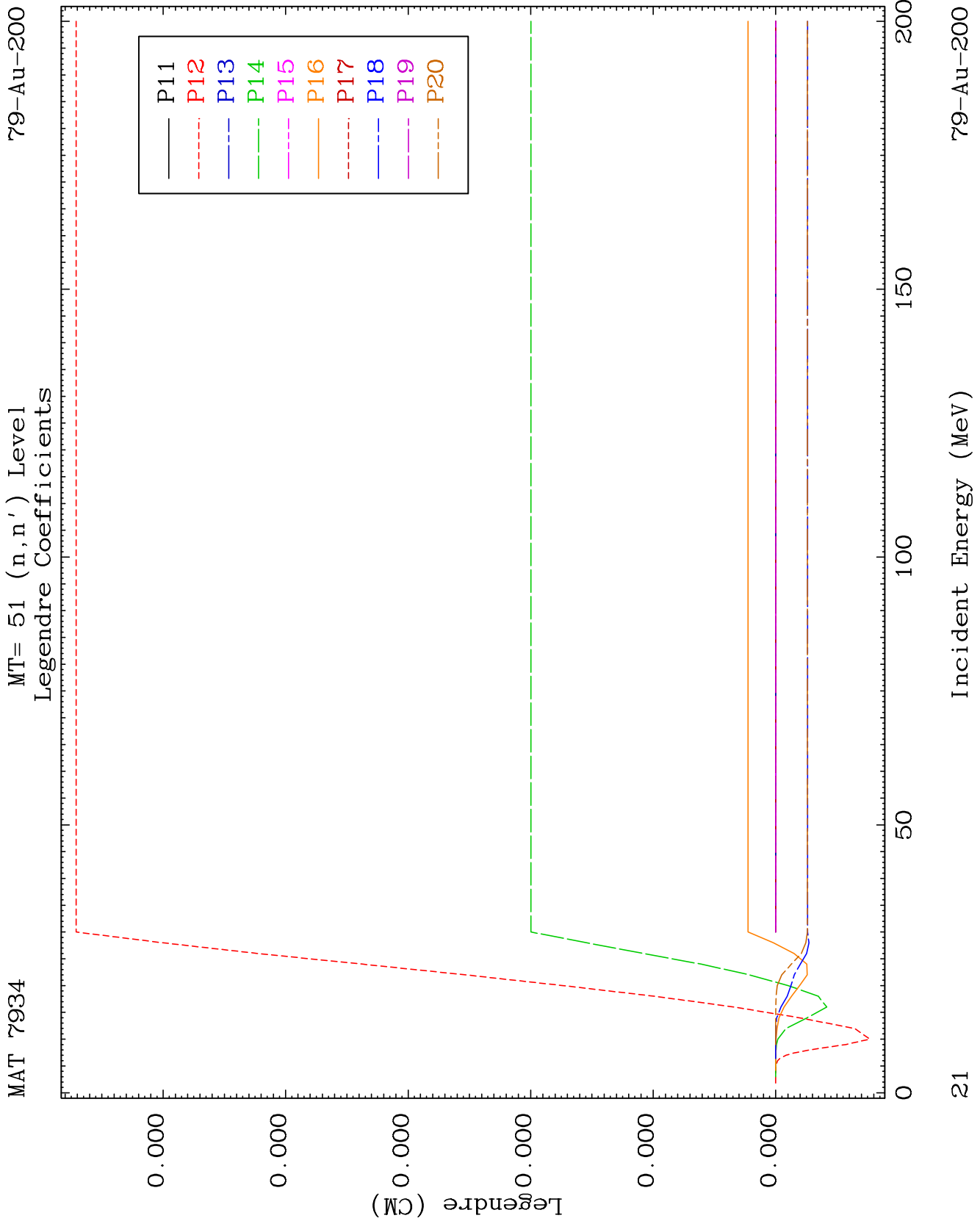
18

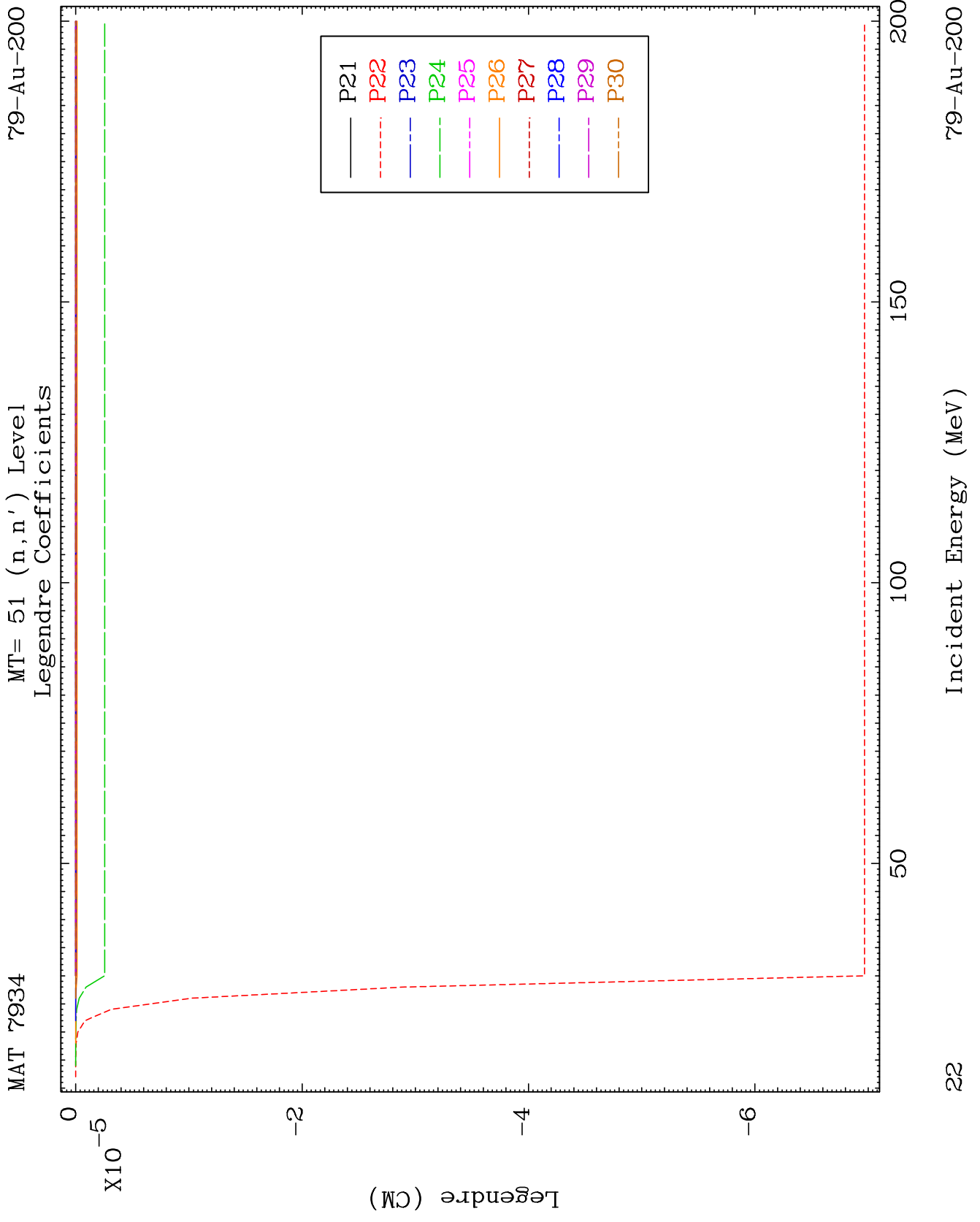
Incident Energy (MeV)

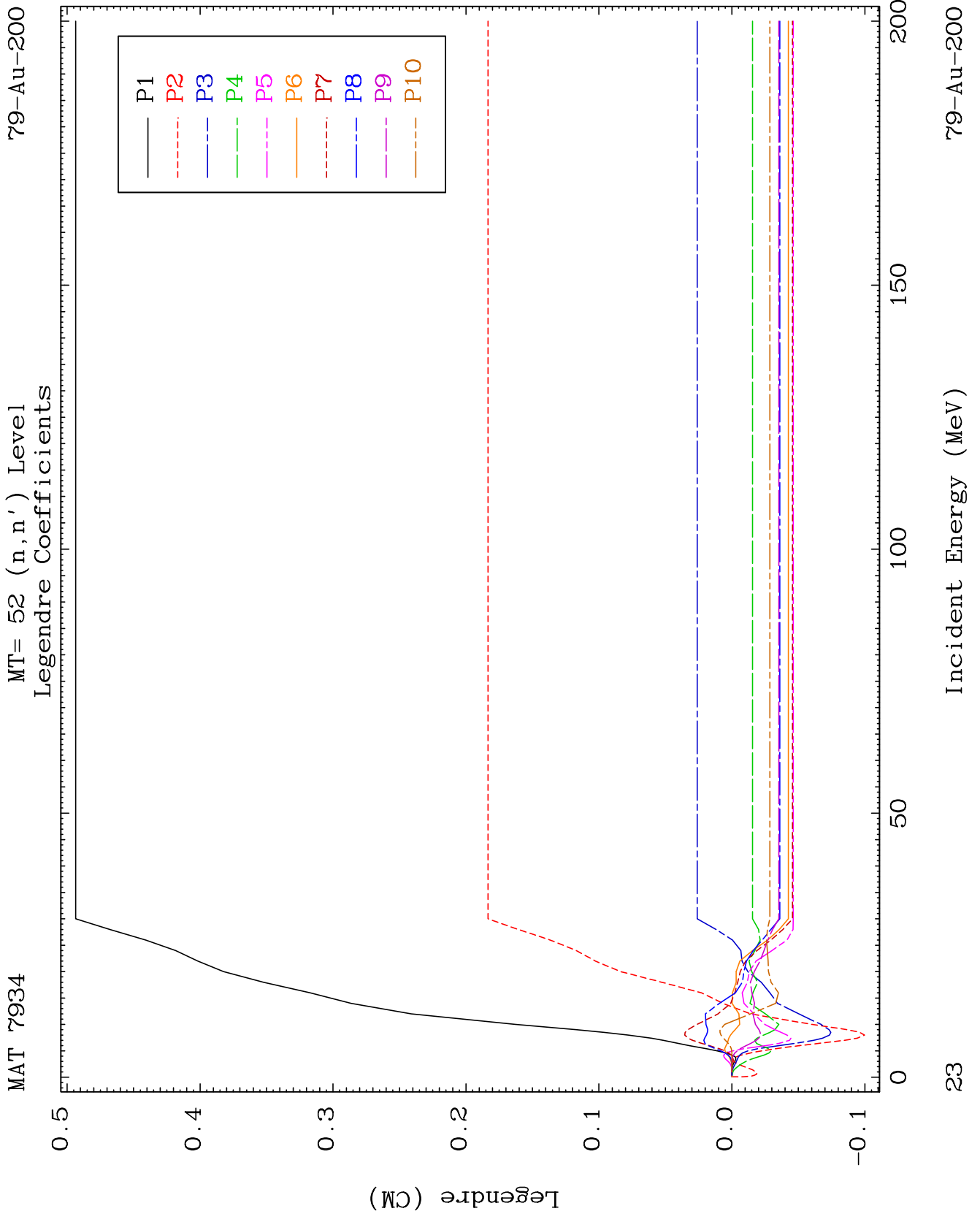
79-Au-200









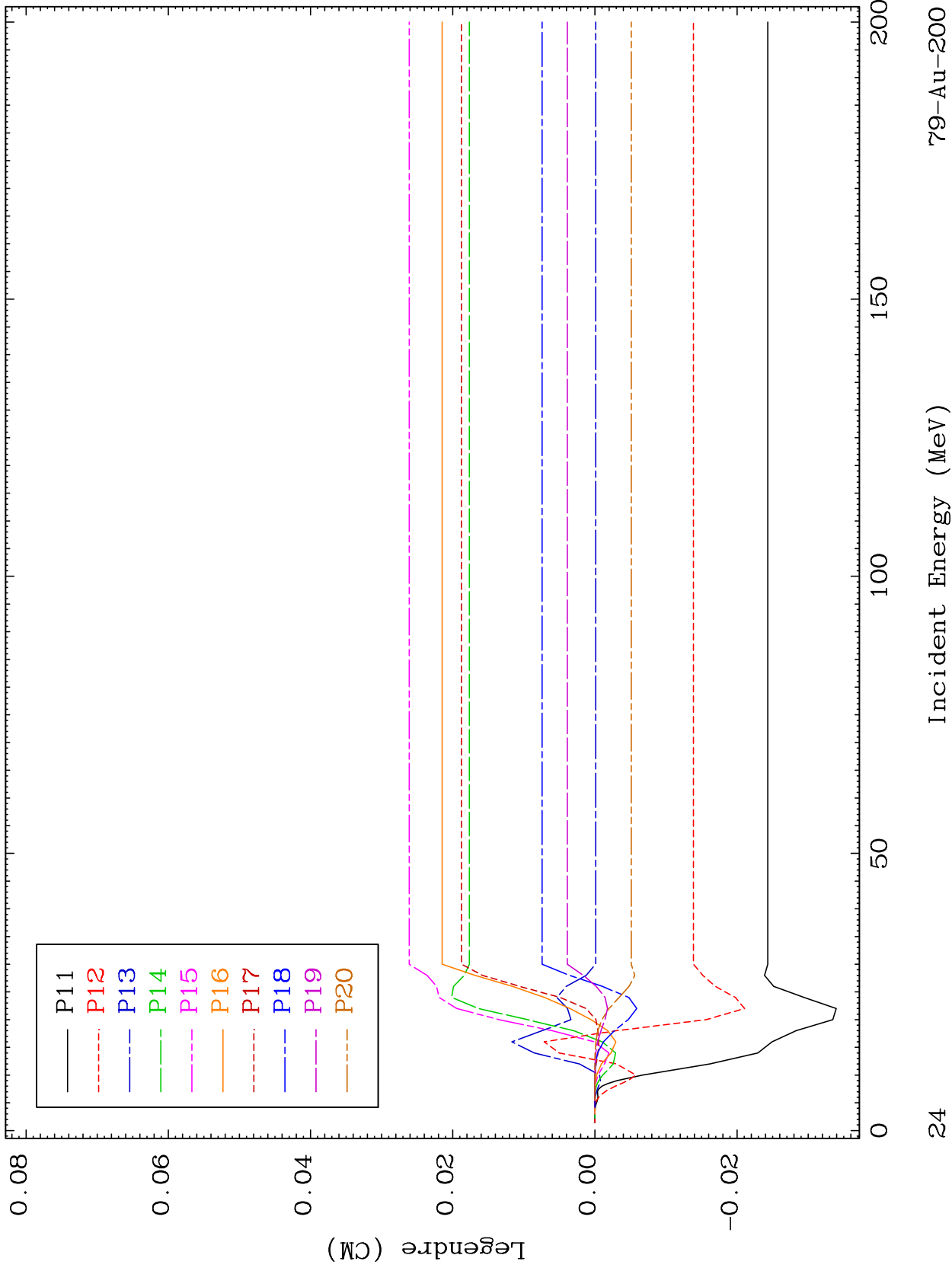




MAT 7934

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

79-Au-200



24

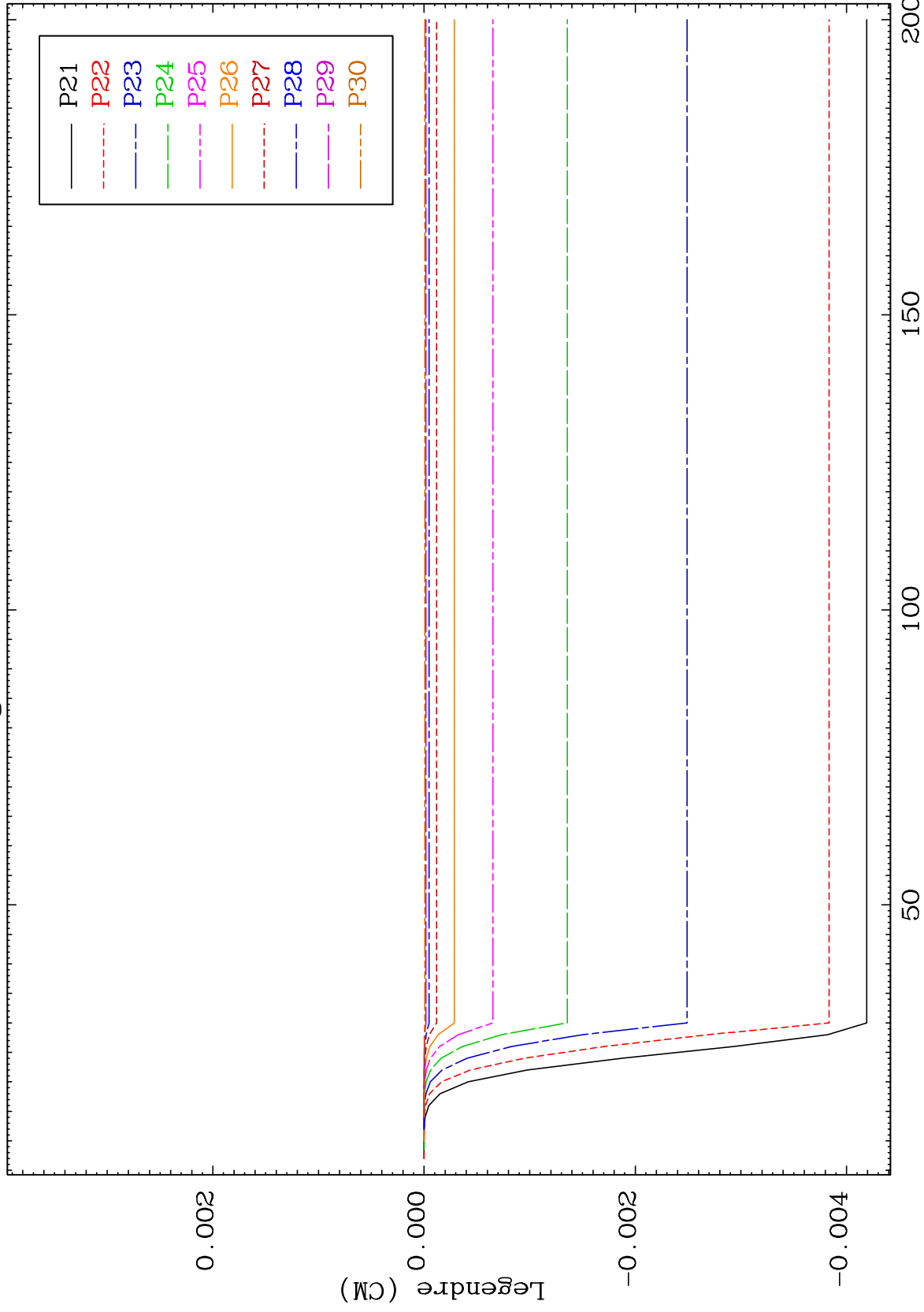
Incident Energy (MeV)

79-Au-200

MAT 7934

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

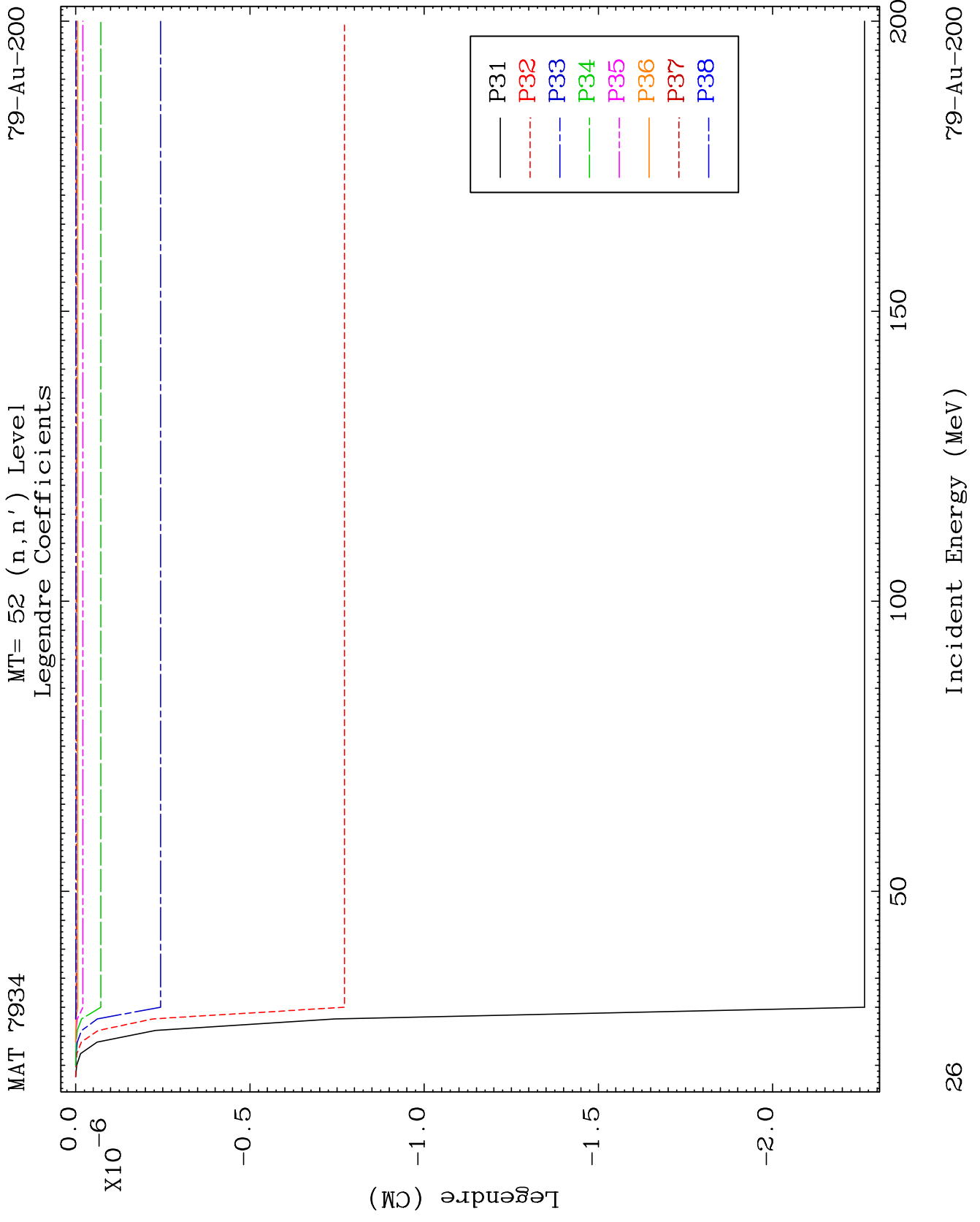
79-Au-200

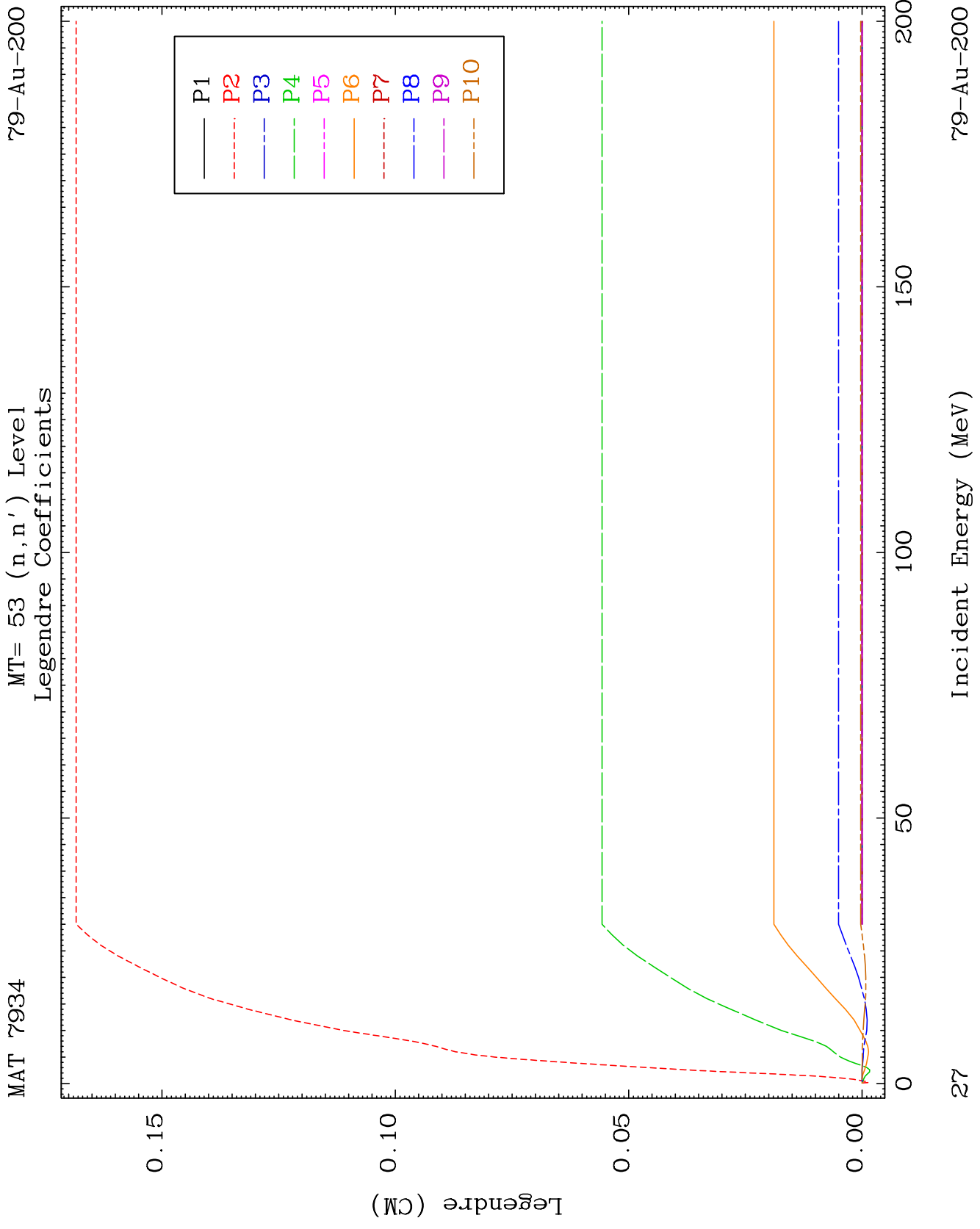


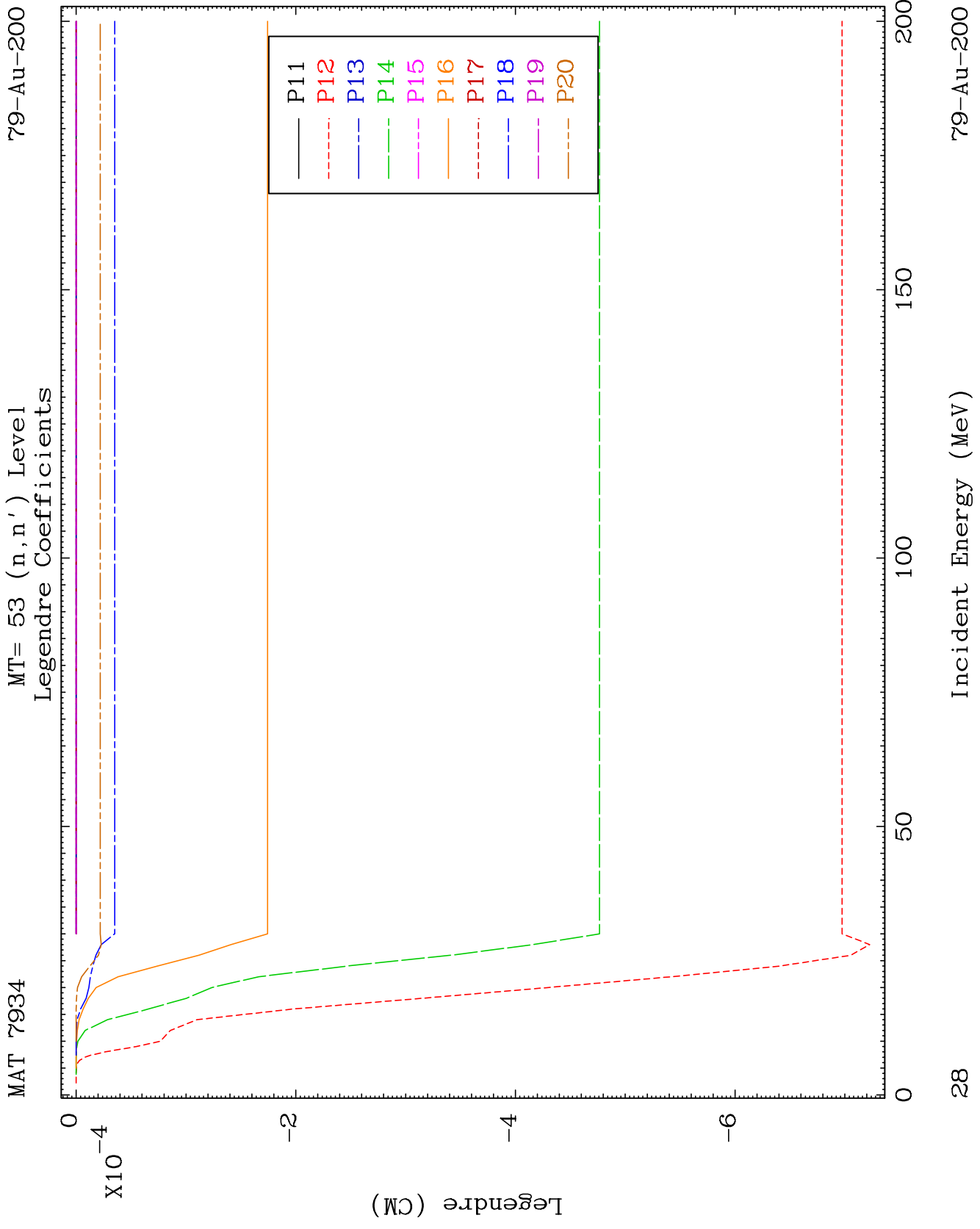
25

Incident Energy (MeV)

79-Au-200



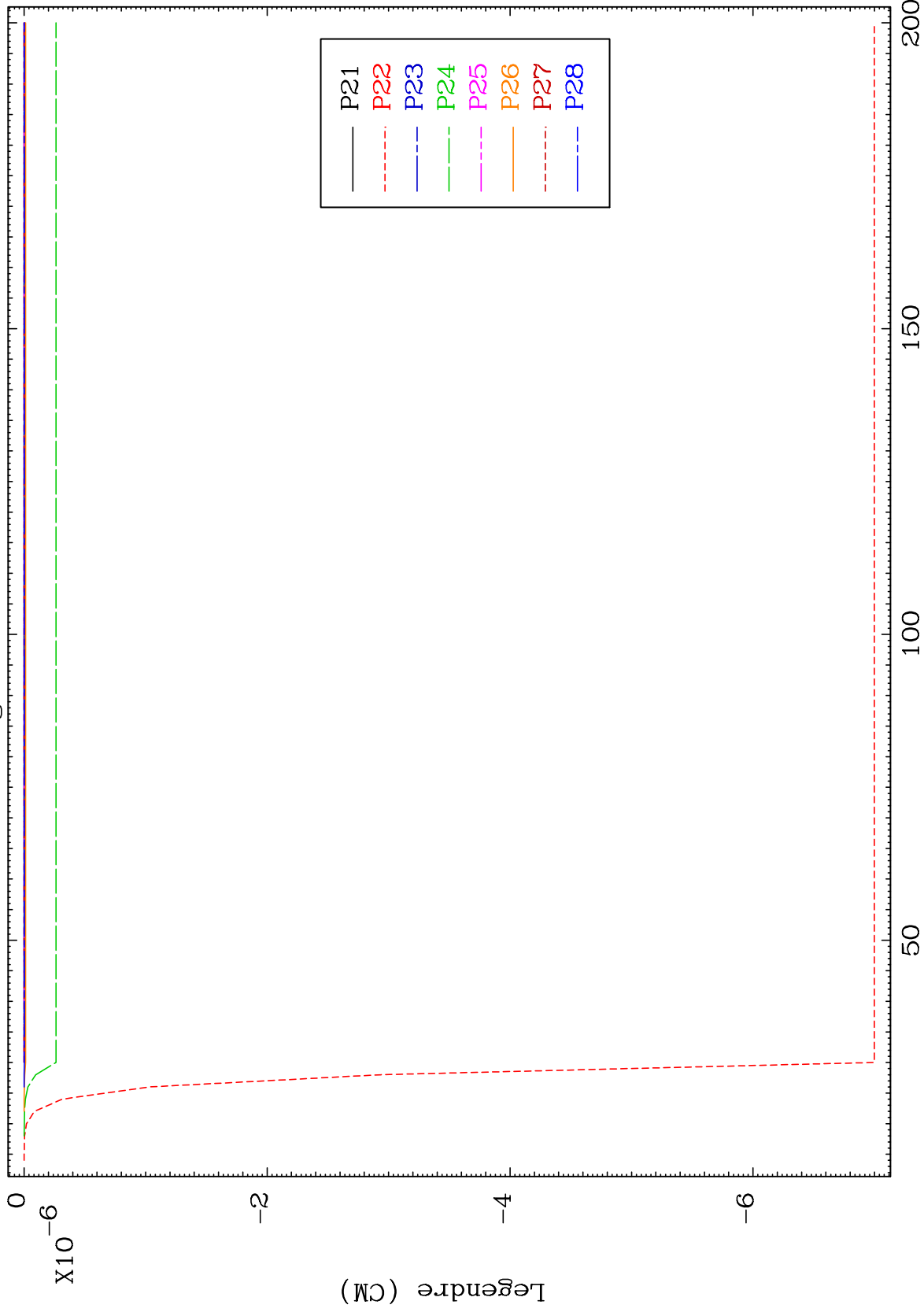




MAT 7934

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

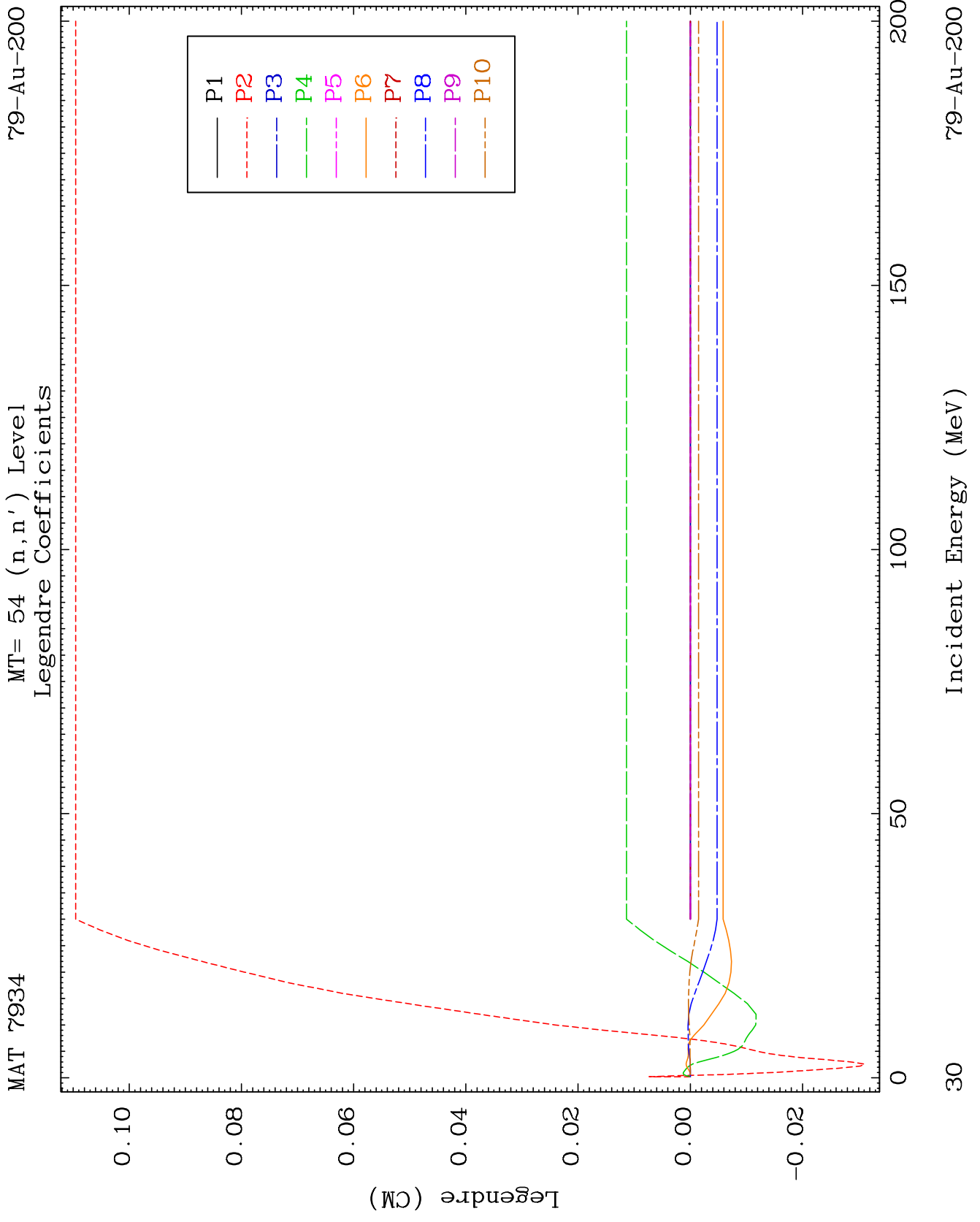
79-Au-200



29

Incident Energy (MeV)

79-Au-200

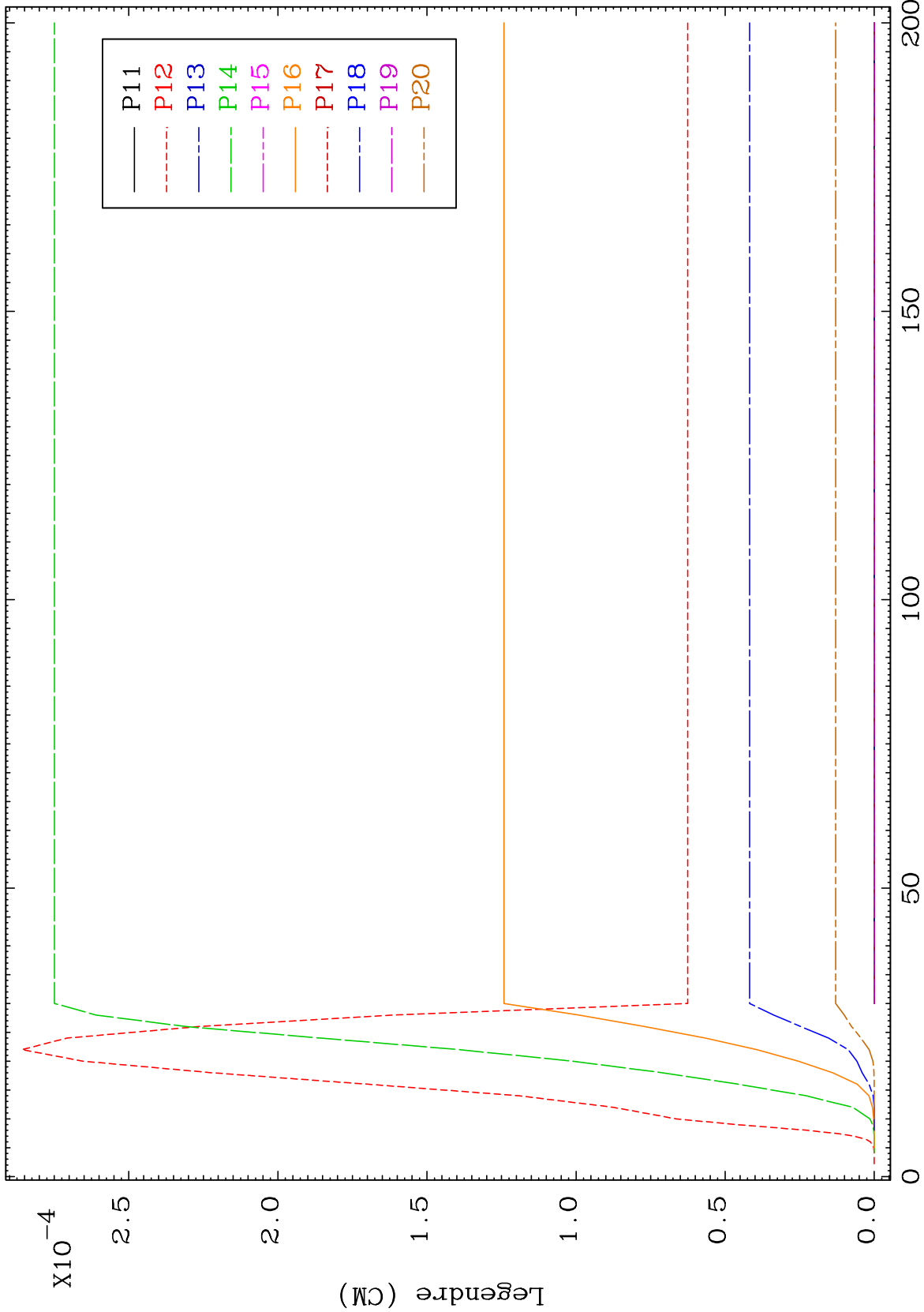


MAT 7934

MT= 54 (n,n') Level

79-Au-200

Legendre Coefficients

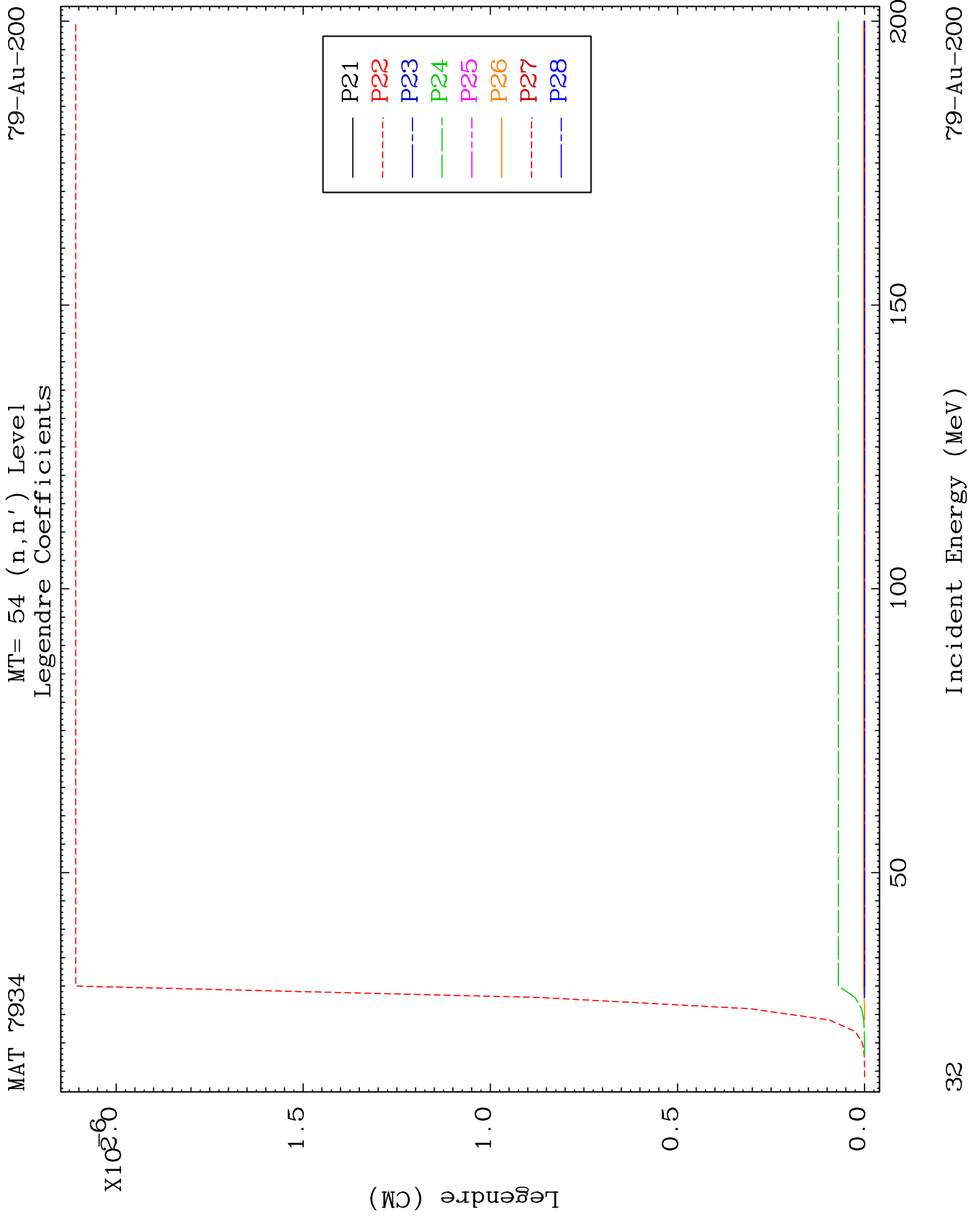


31

Incident Energy (MeV)

79-Au-200

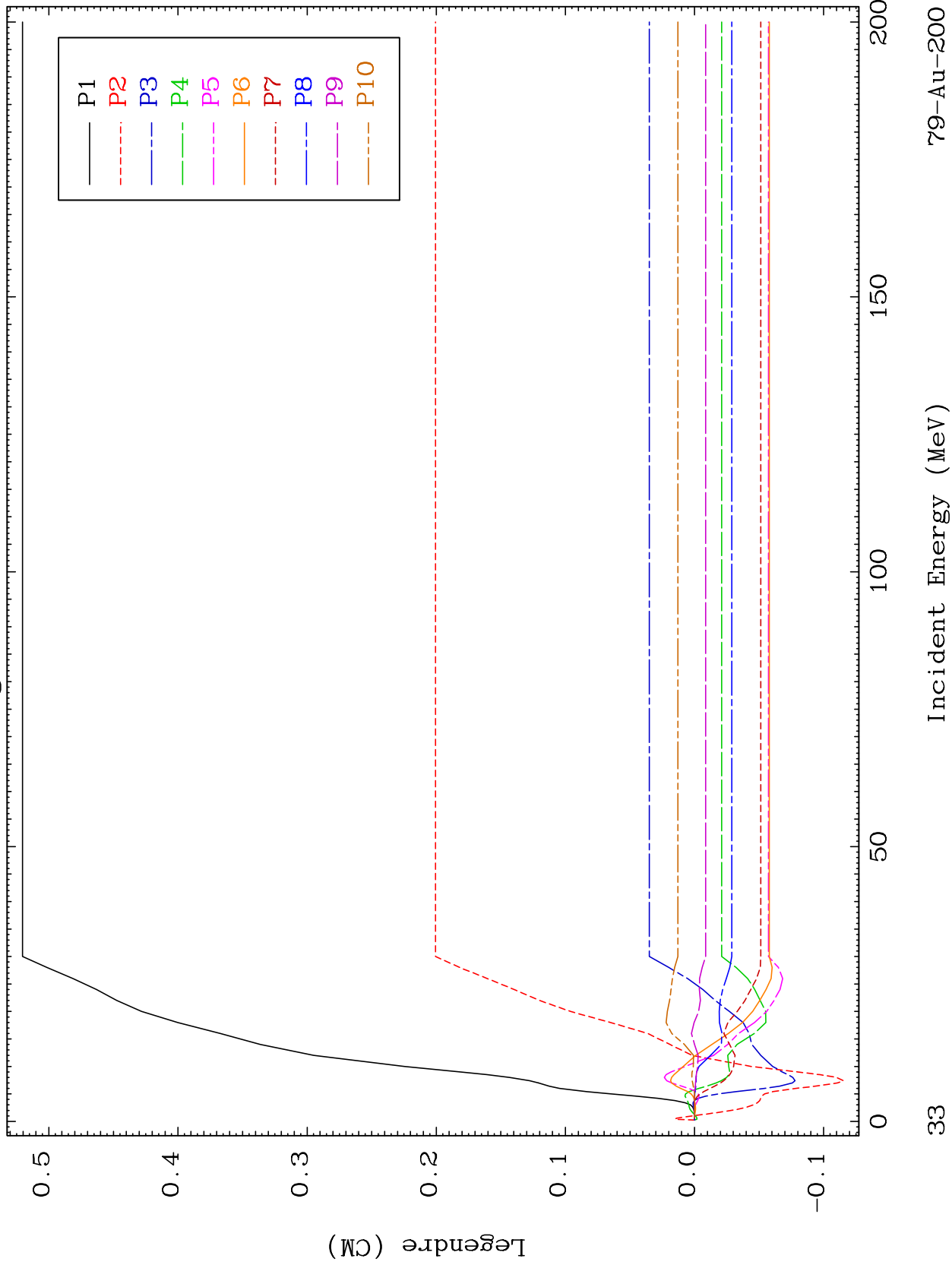




MAT 7934

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

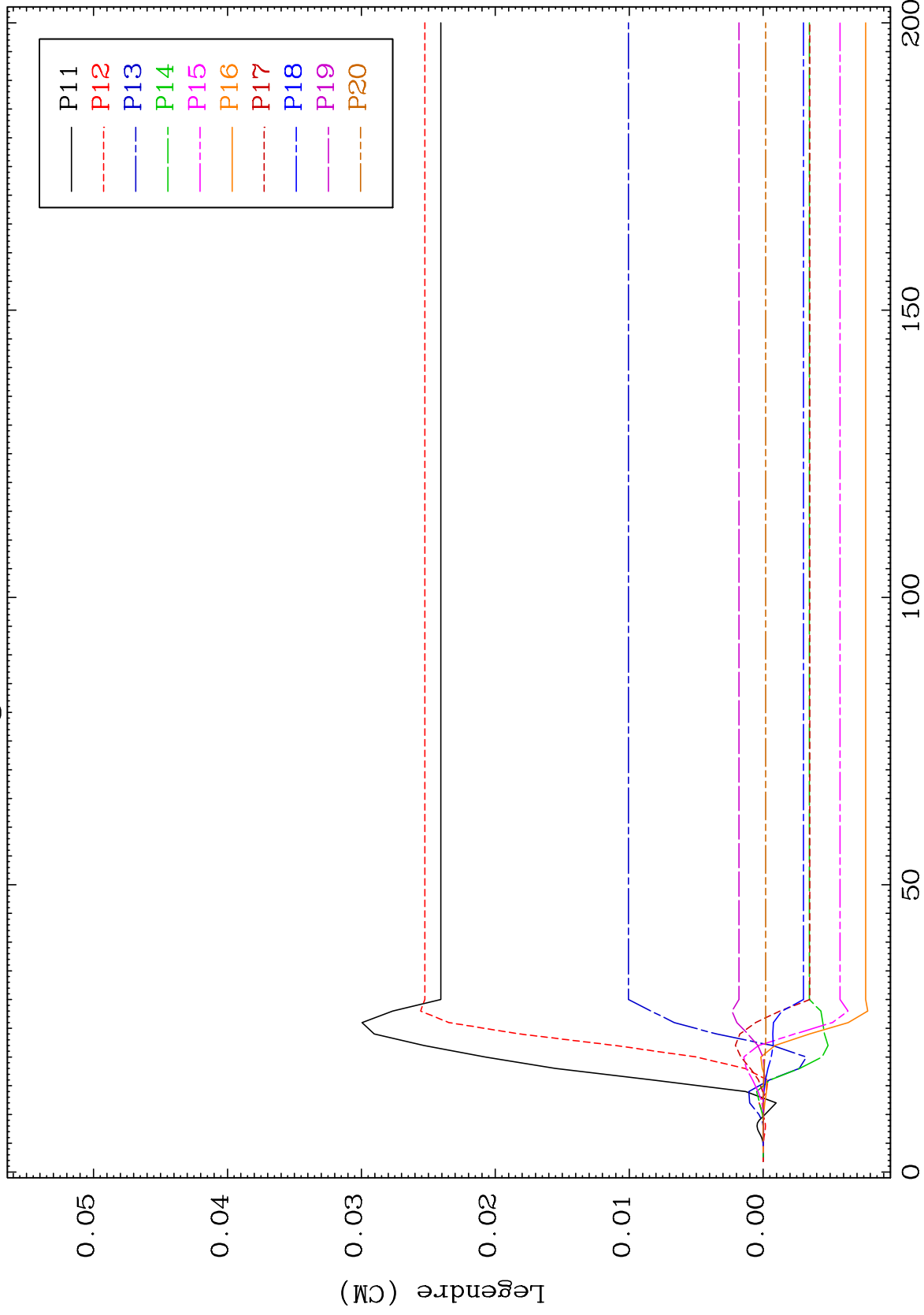
79-Au-200



MAT 7934

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

79-Au-200



34

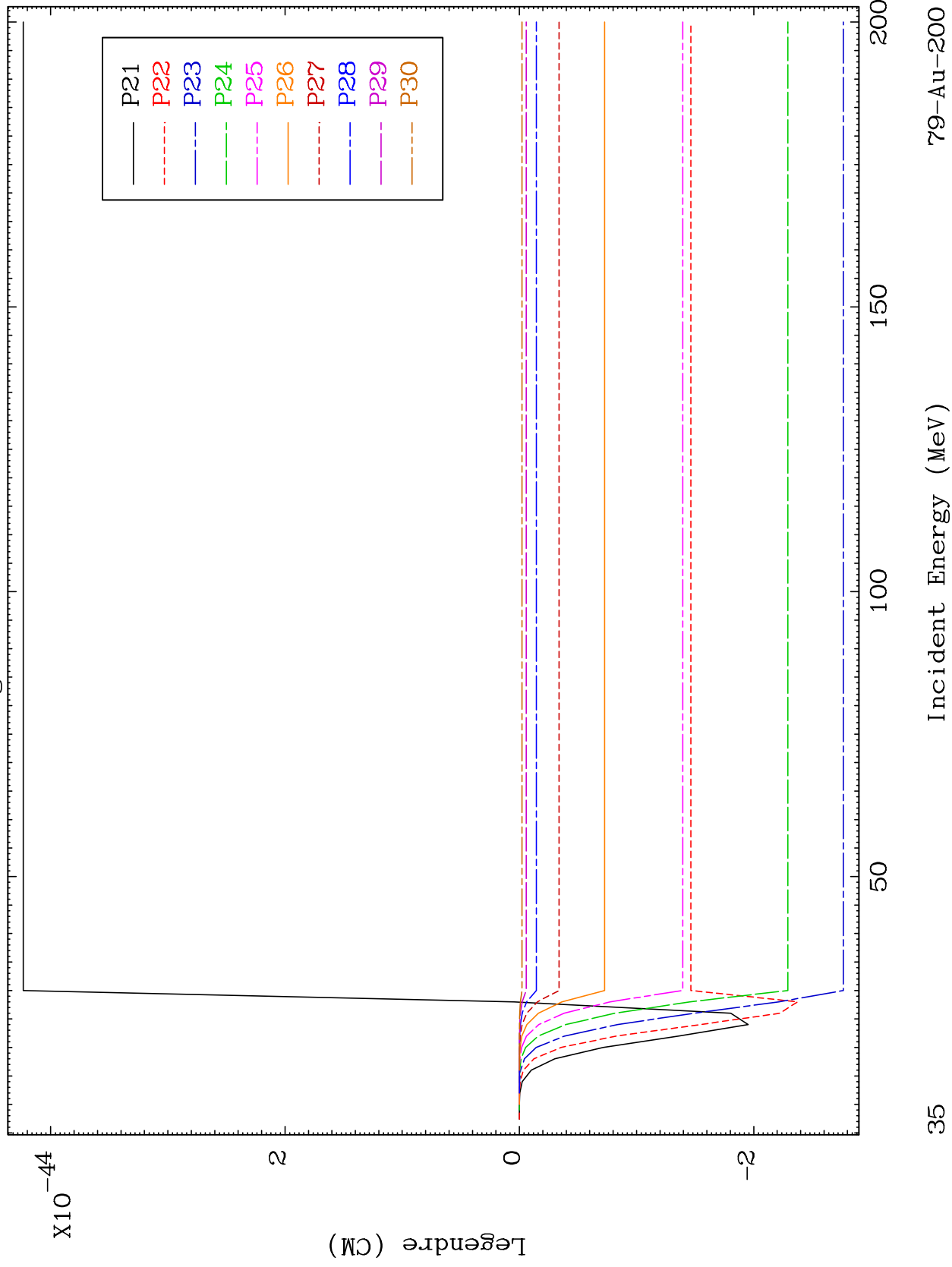
Incident Energy (MeV)

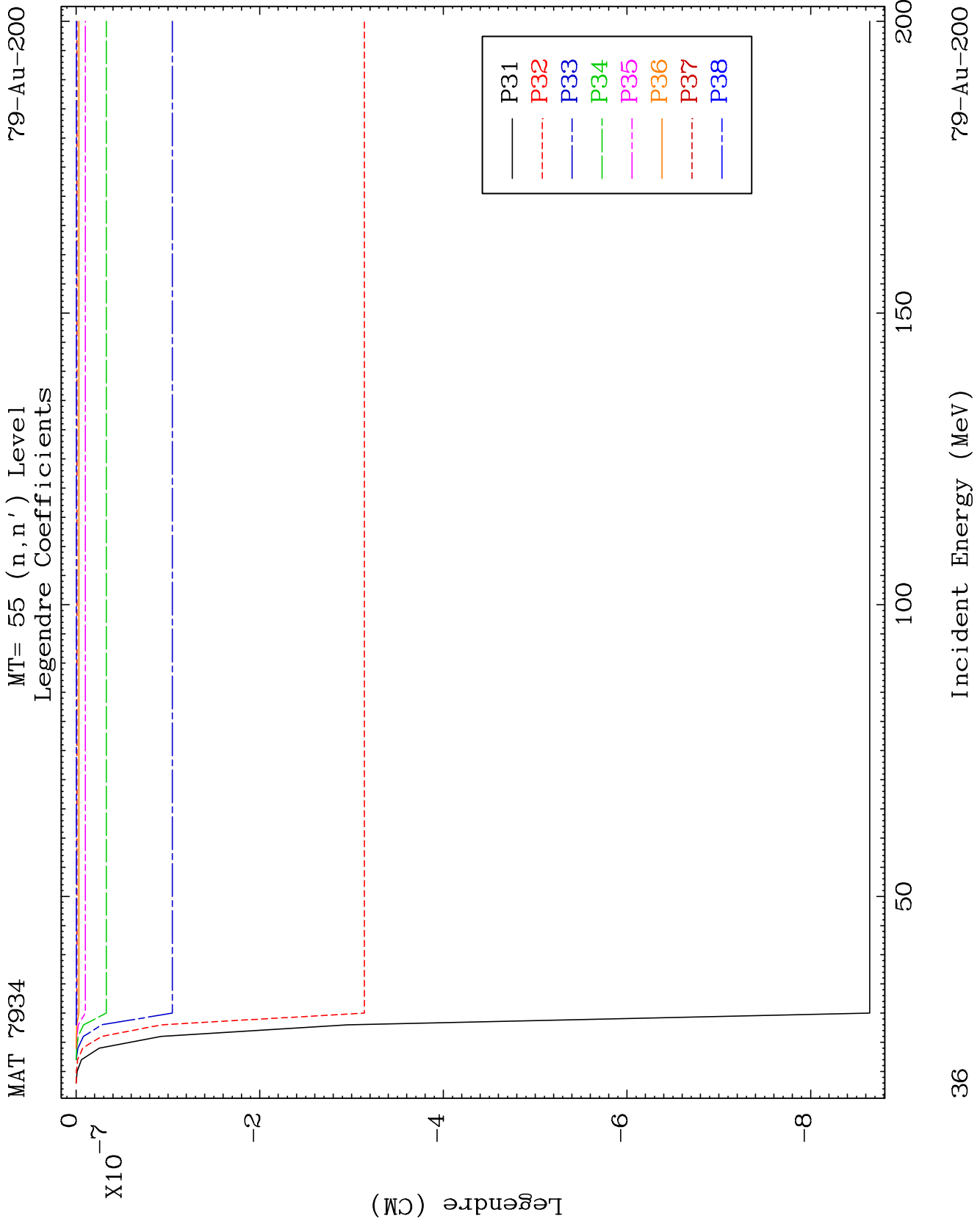
79-Au-200

MAT 7934

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

79-Au-200

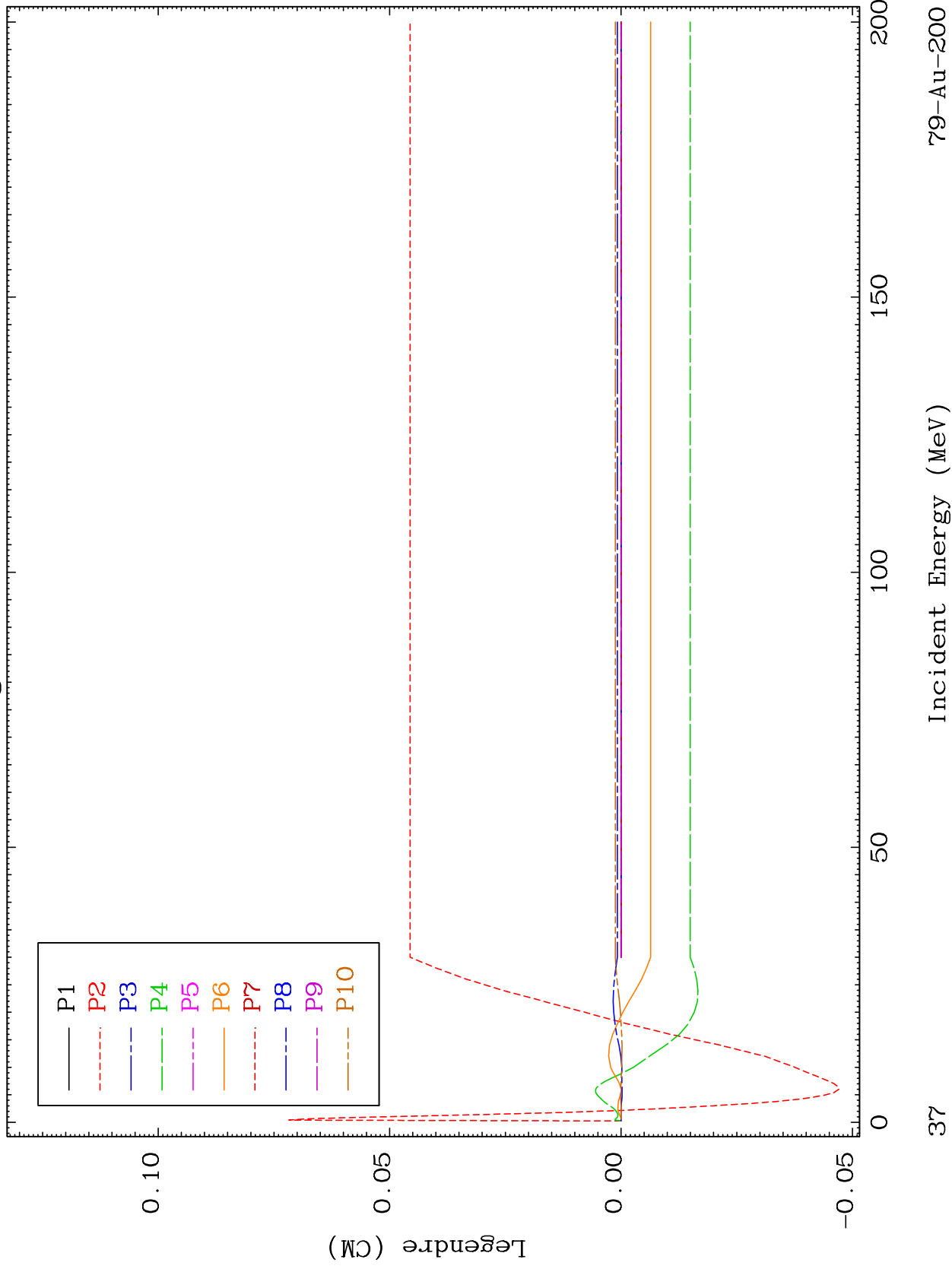




MAT 7934

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

79-Au-200



79-Au-200

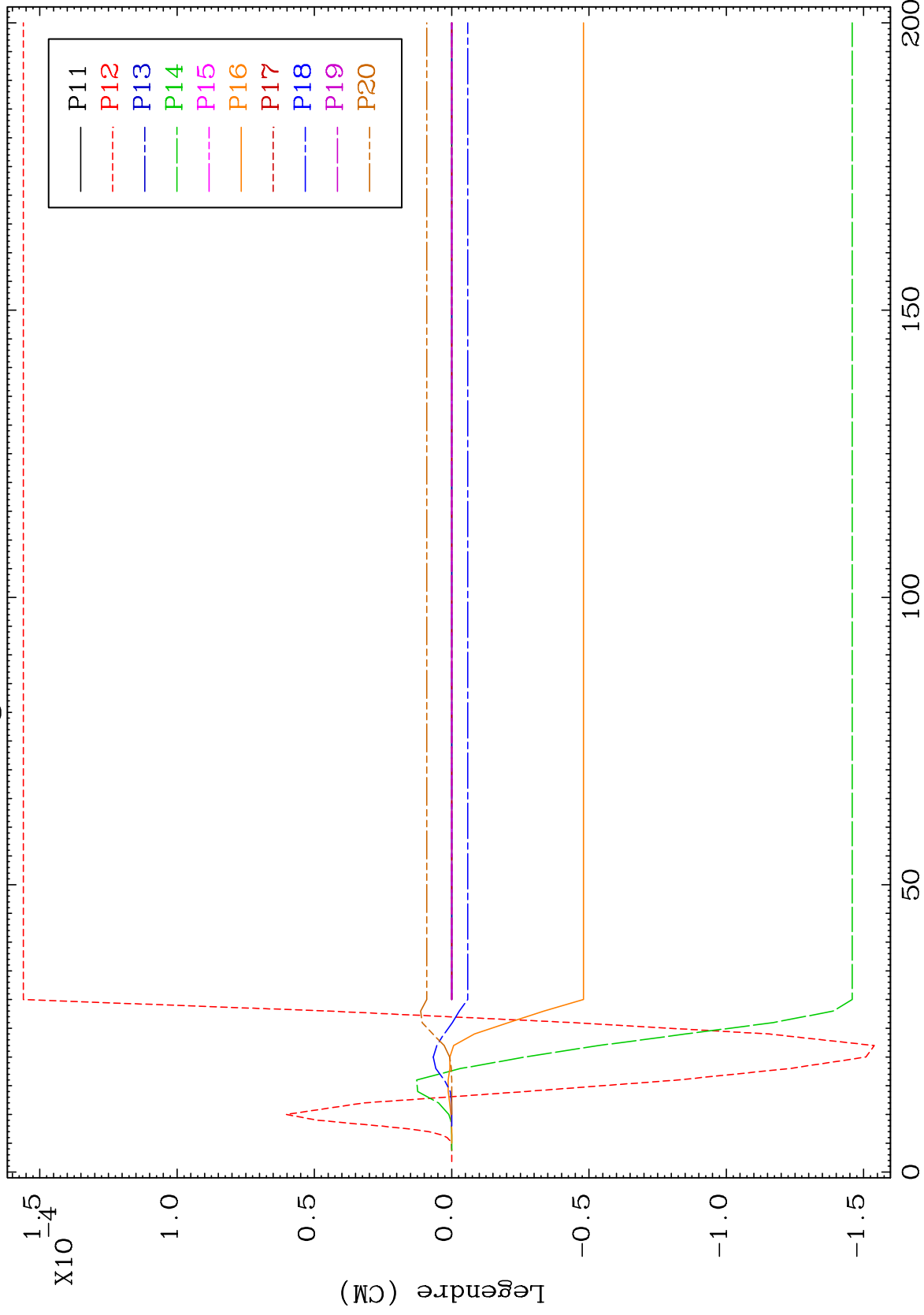
Incident Energy (MeV)

37

MAT 7934

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

79-Au-200



38

Incident Energy (MeV)

79-Au-200



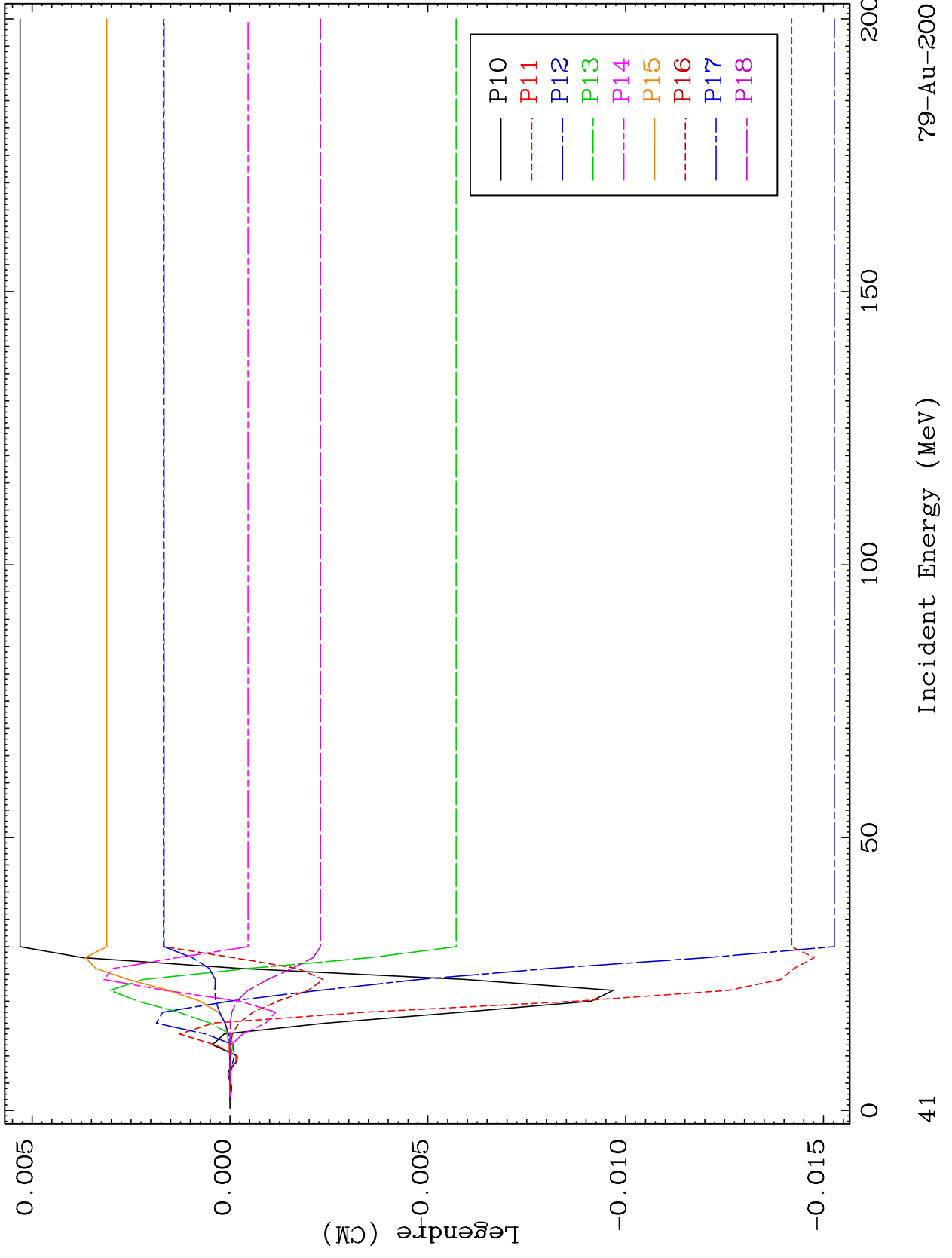




MAT 7934

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

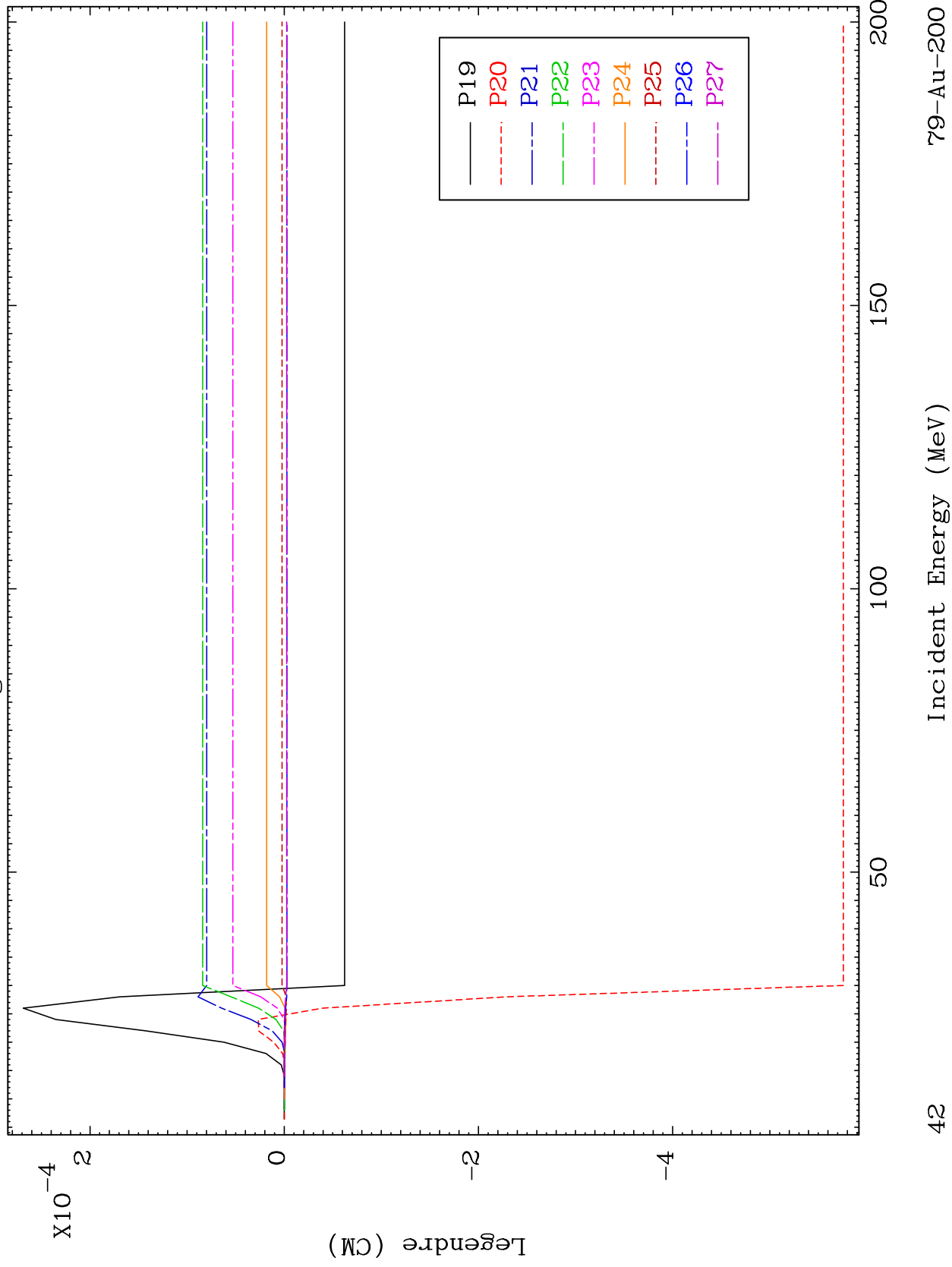
79-Au-200



MAT 7934

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

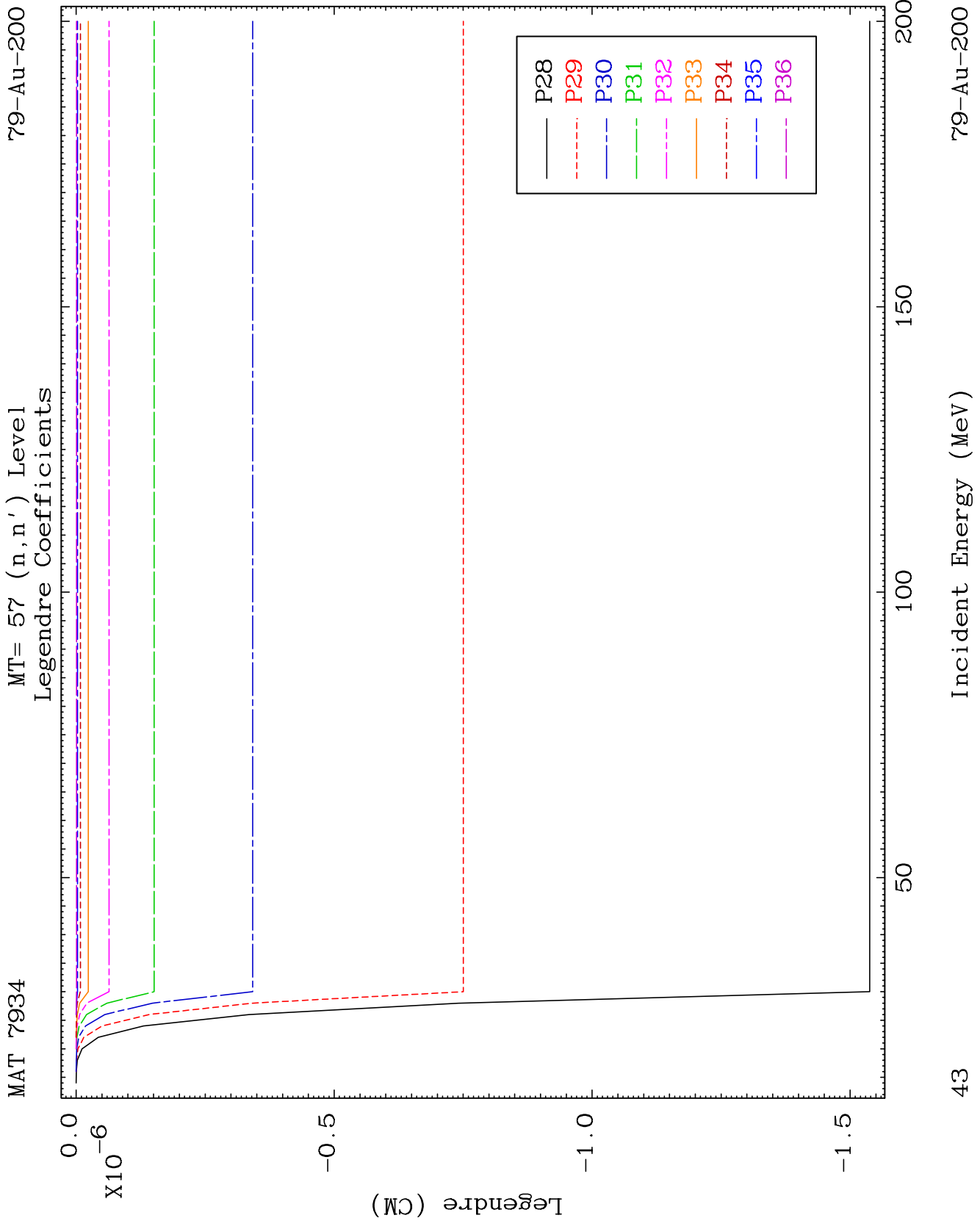
79-Au-200

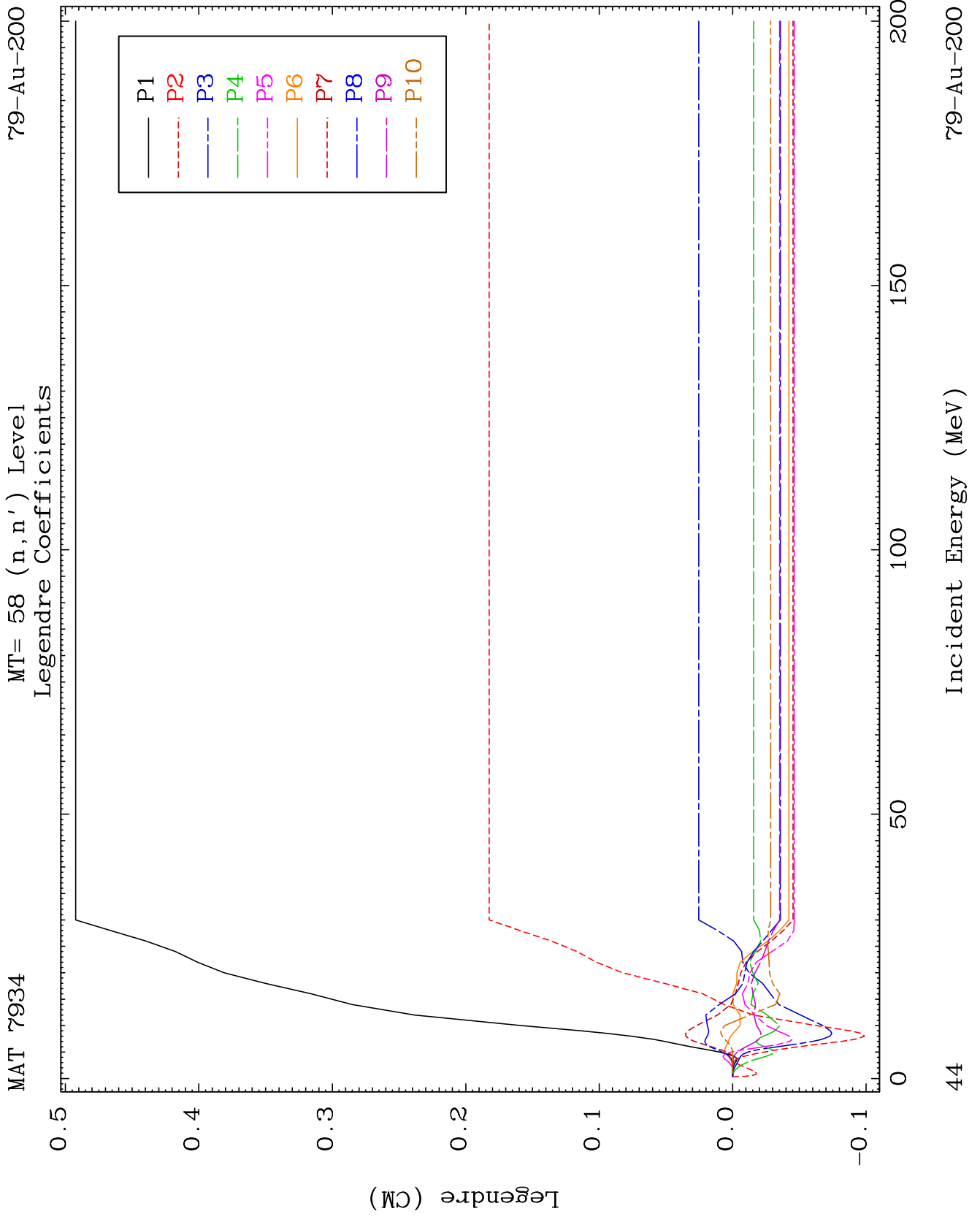


42

Incident Energy (MeV)

79-Au-200



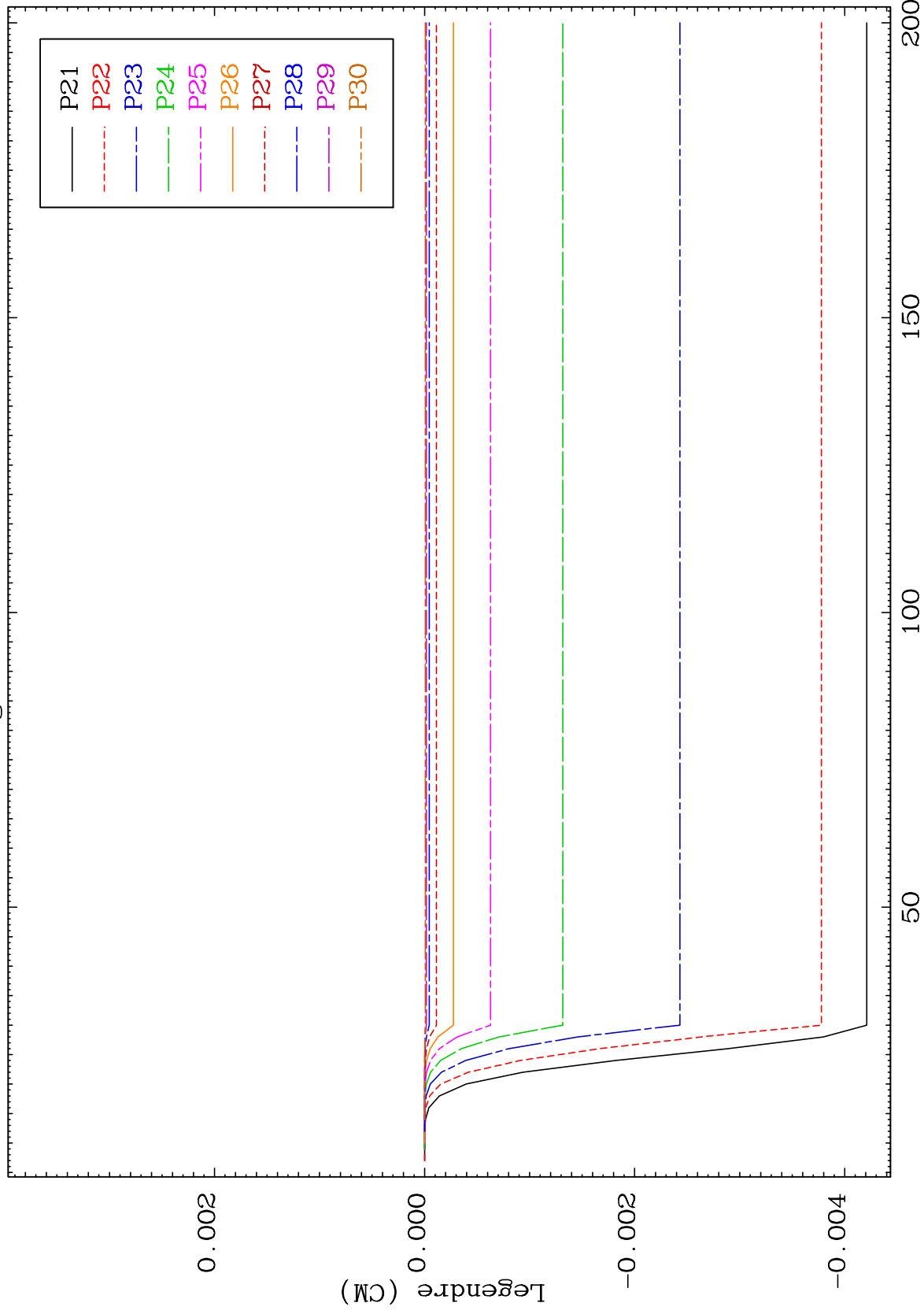




MAT 7934

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

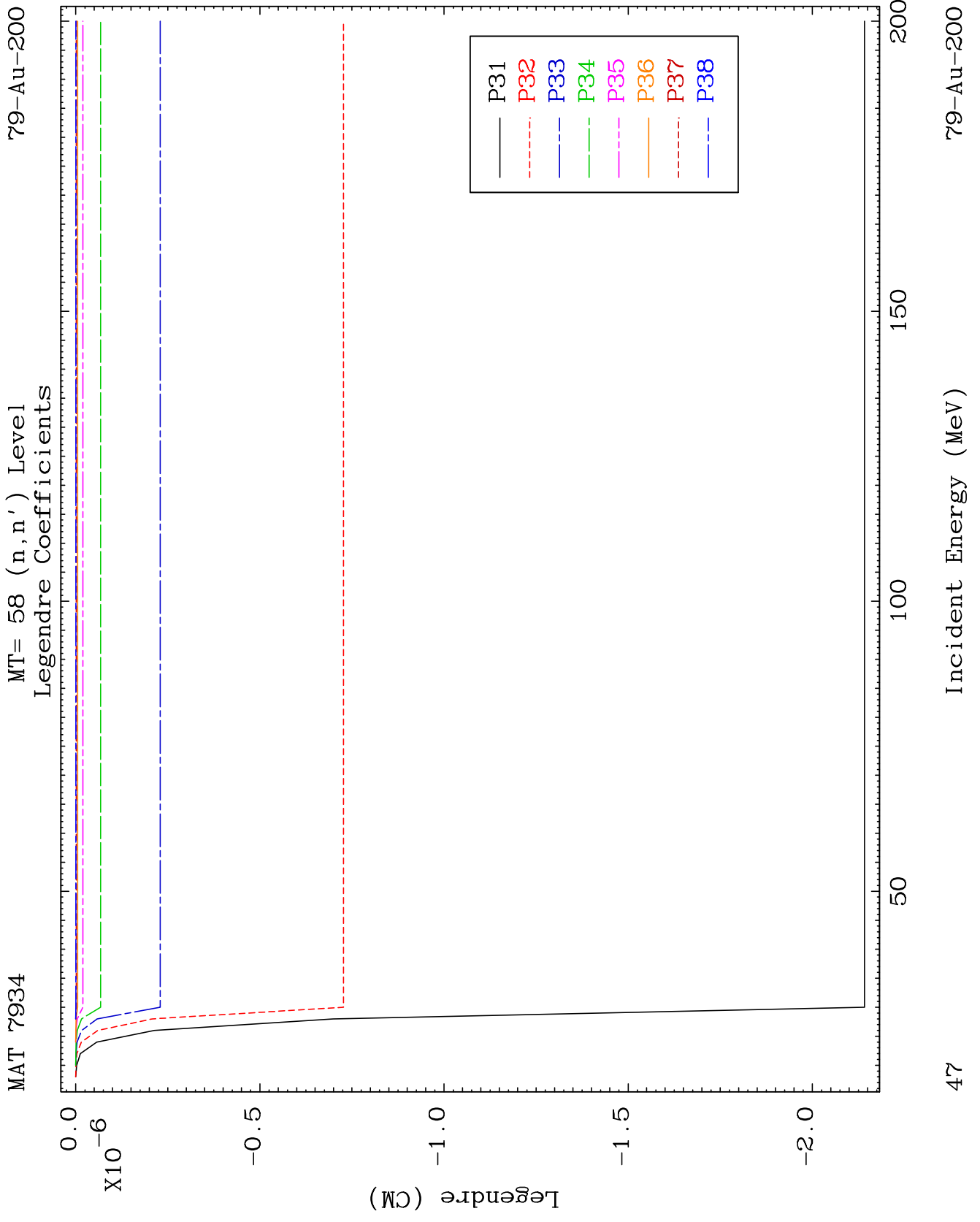
79-Au-200



46

Incident Energy (MeV)

79-Au-200

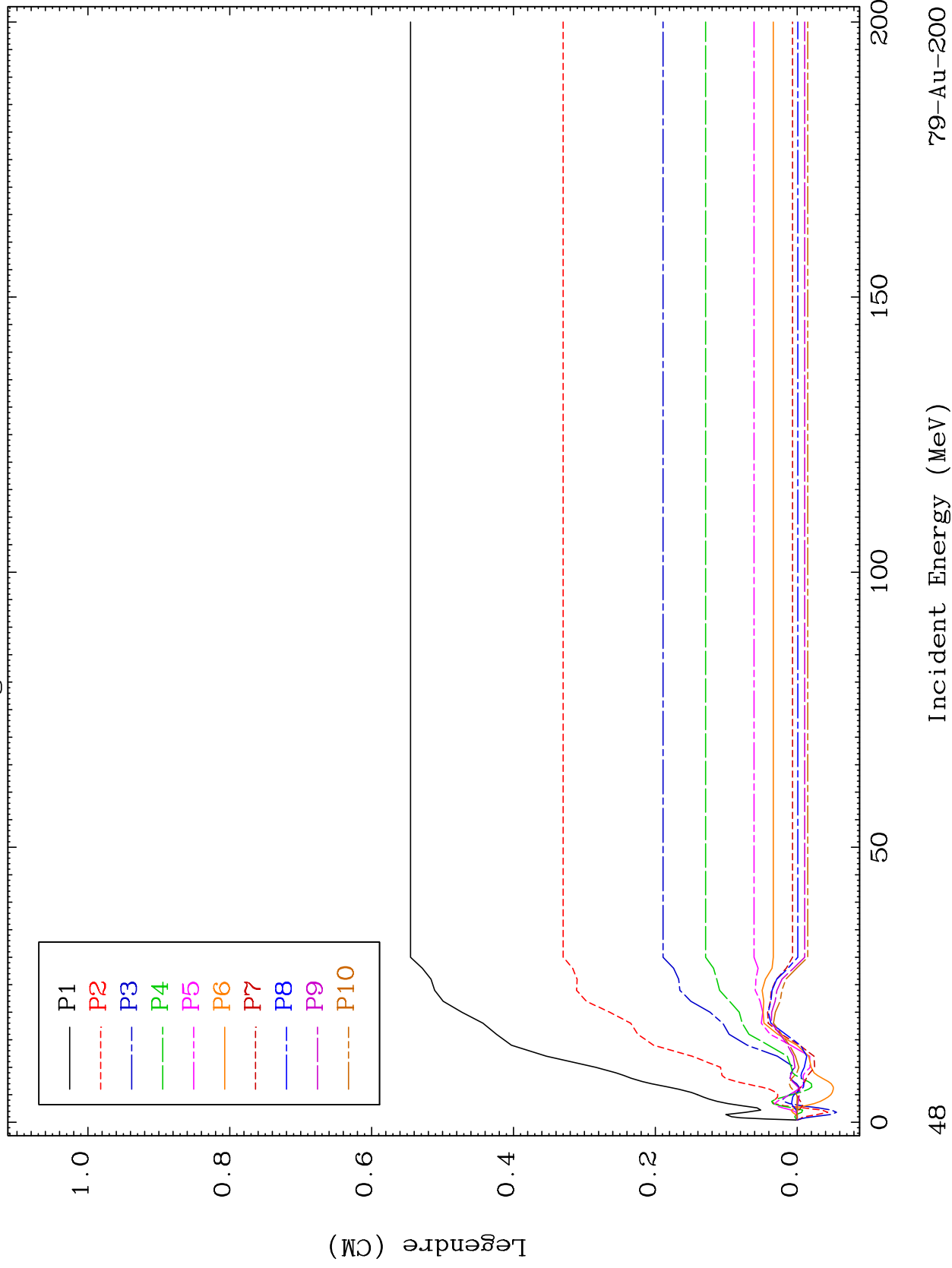




MAT 7934

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

79-Au-200



79-Au-200

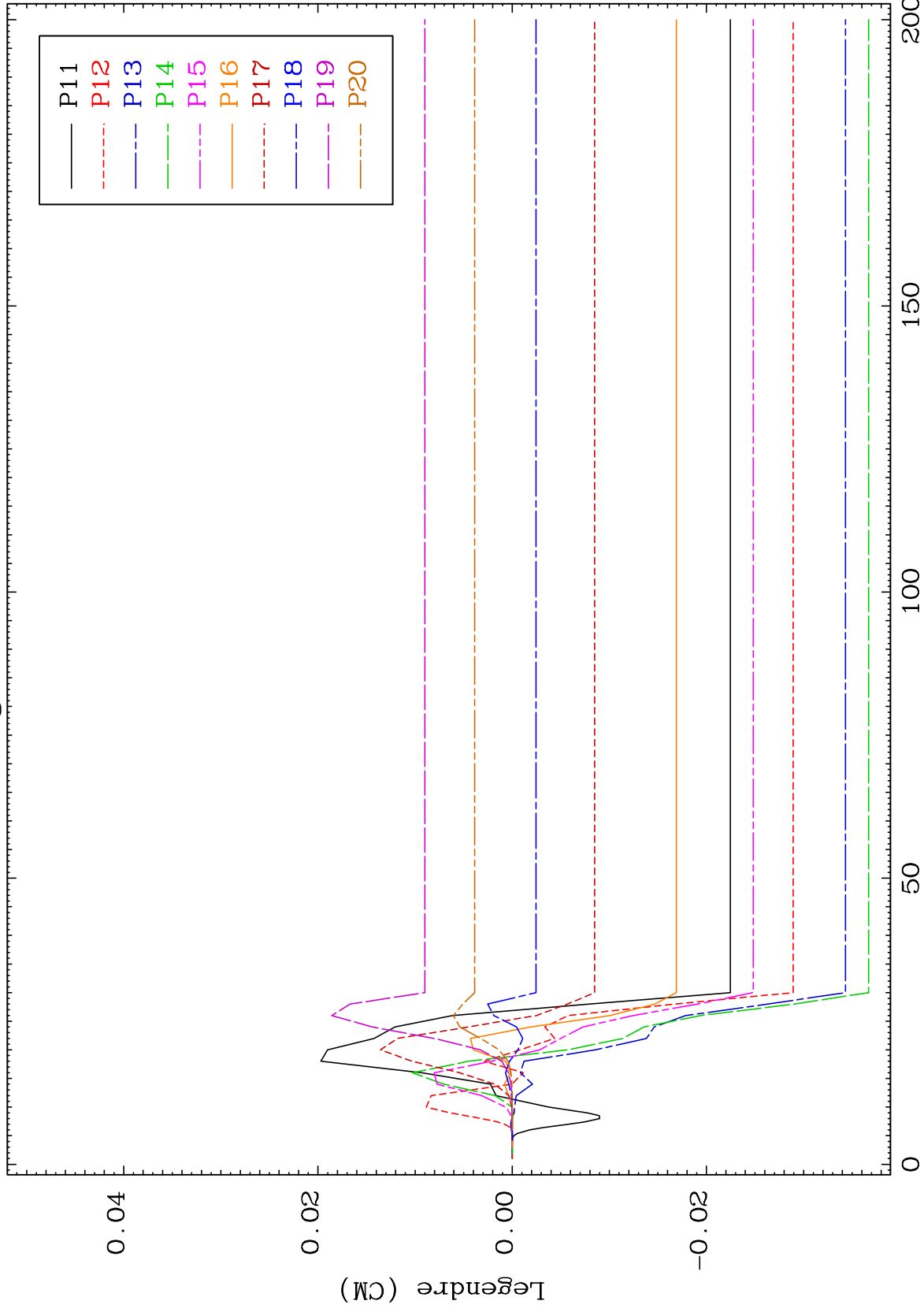
Incident Energy (MeV)

48

MAT 7934

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

79-Au-200



49

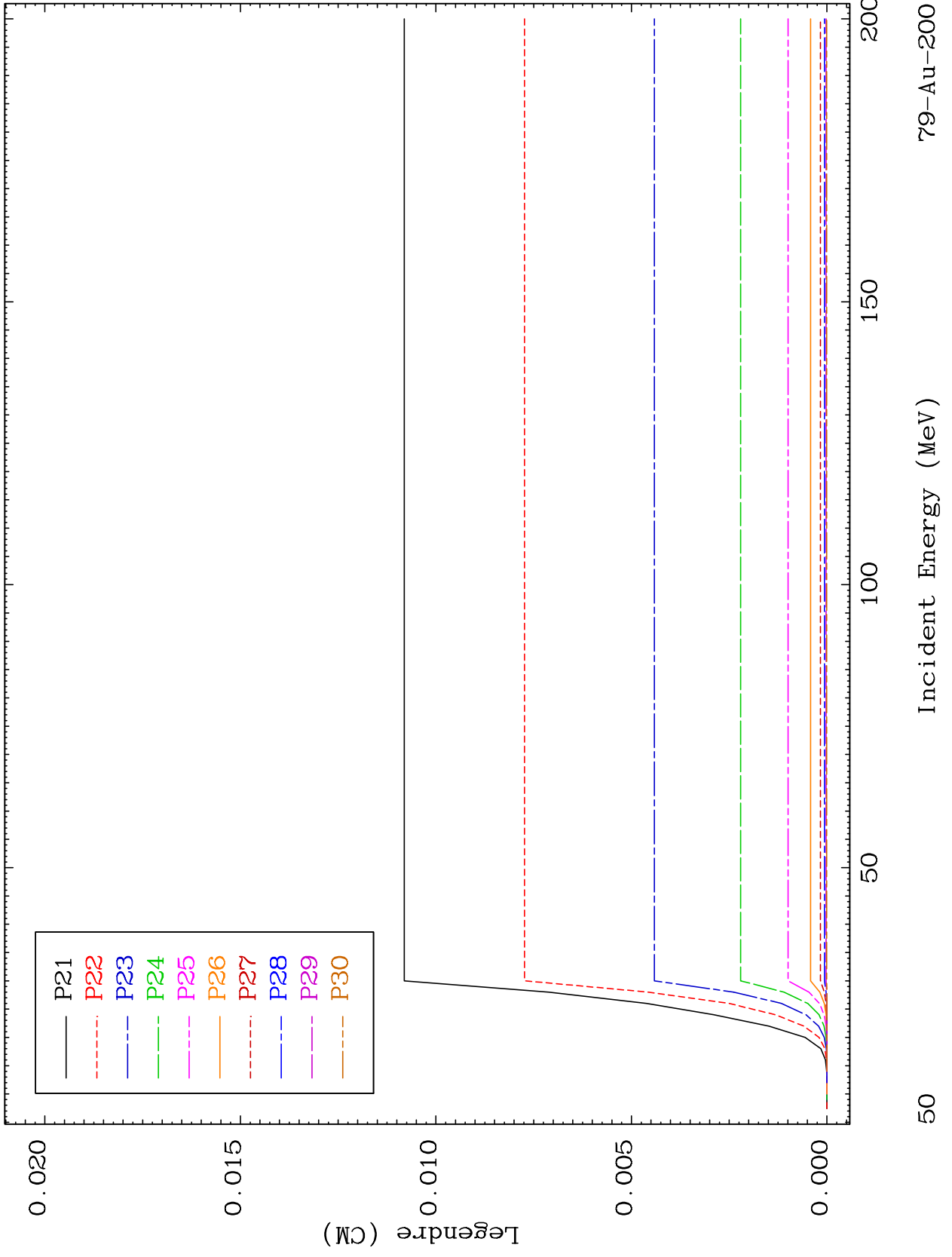
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



79-Au-200

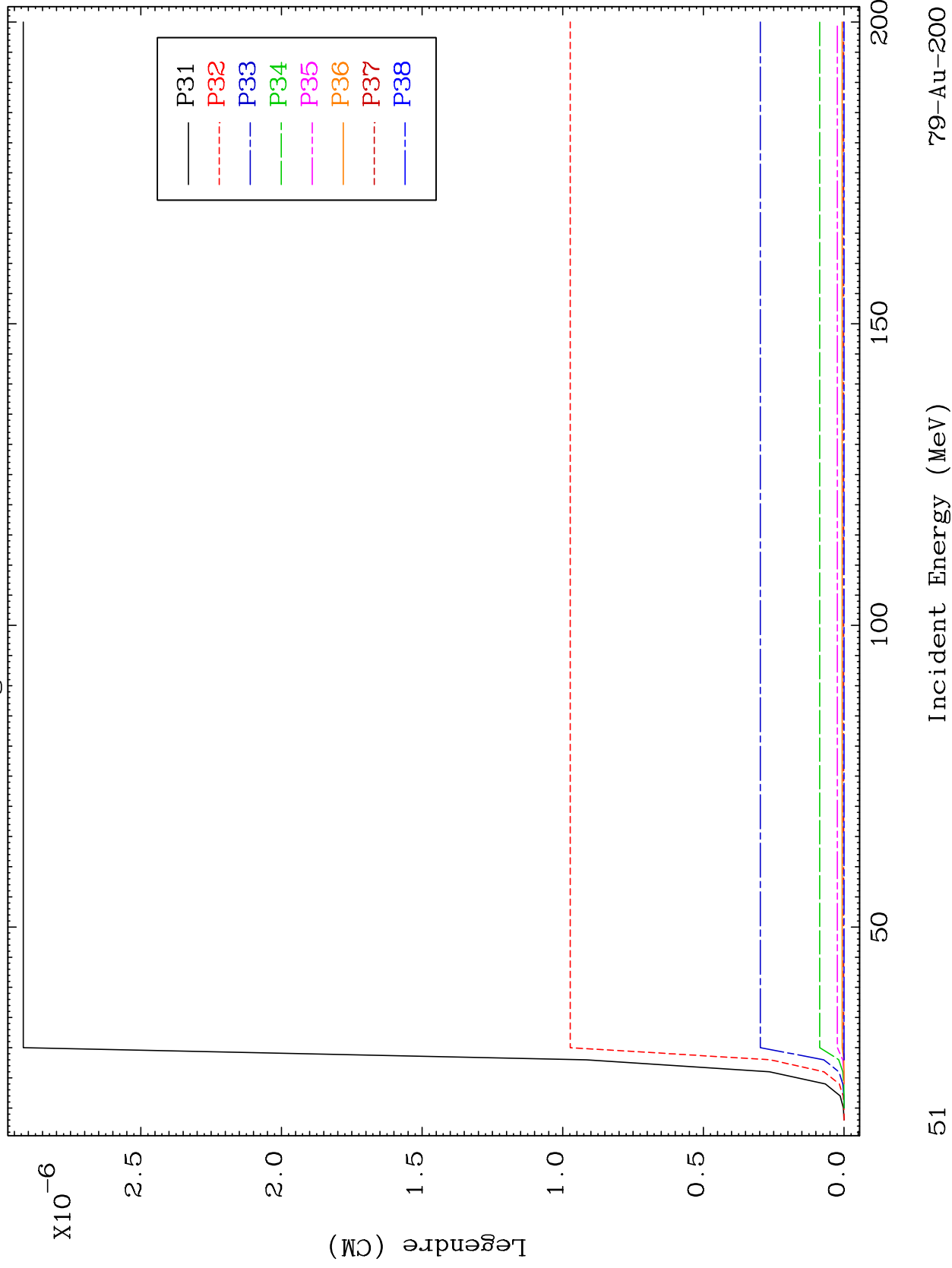
Incident Energy (MeV)

50

MAT 7934

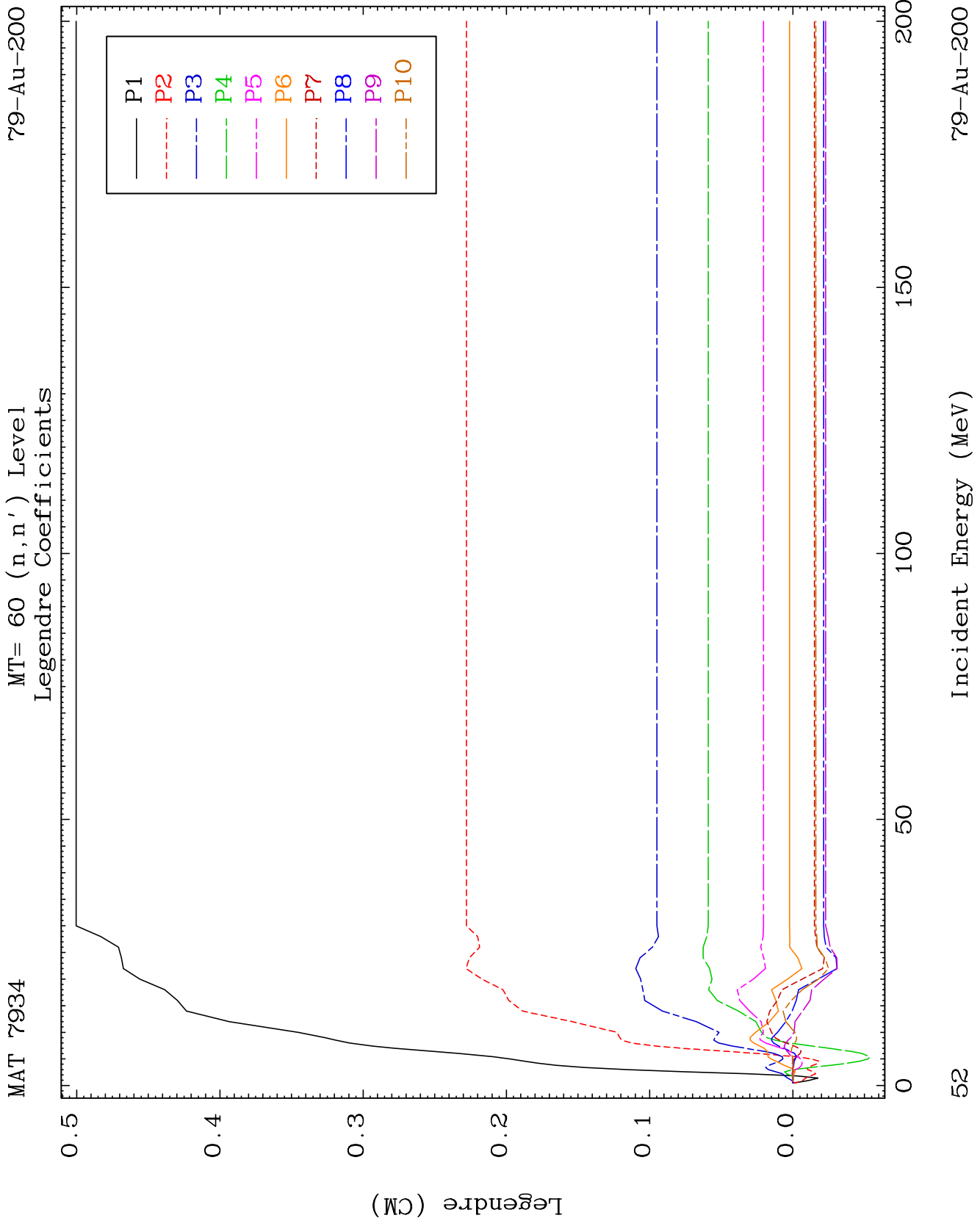
MT= 59 (n,n') Level  
Legendre Coefficients

79-Au-200



51

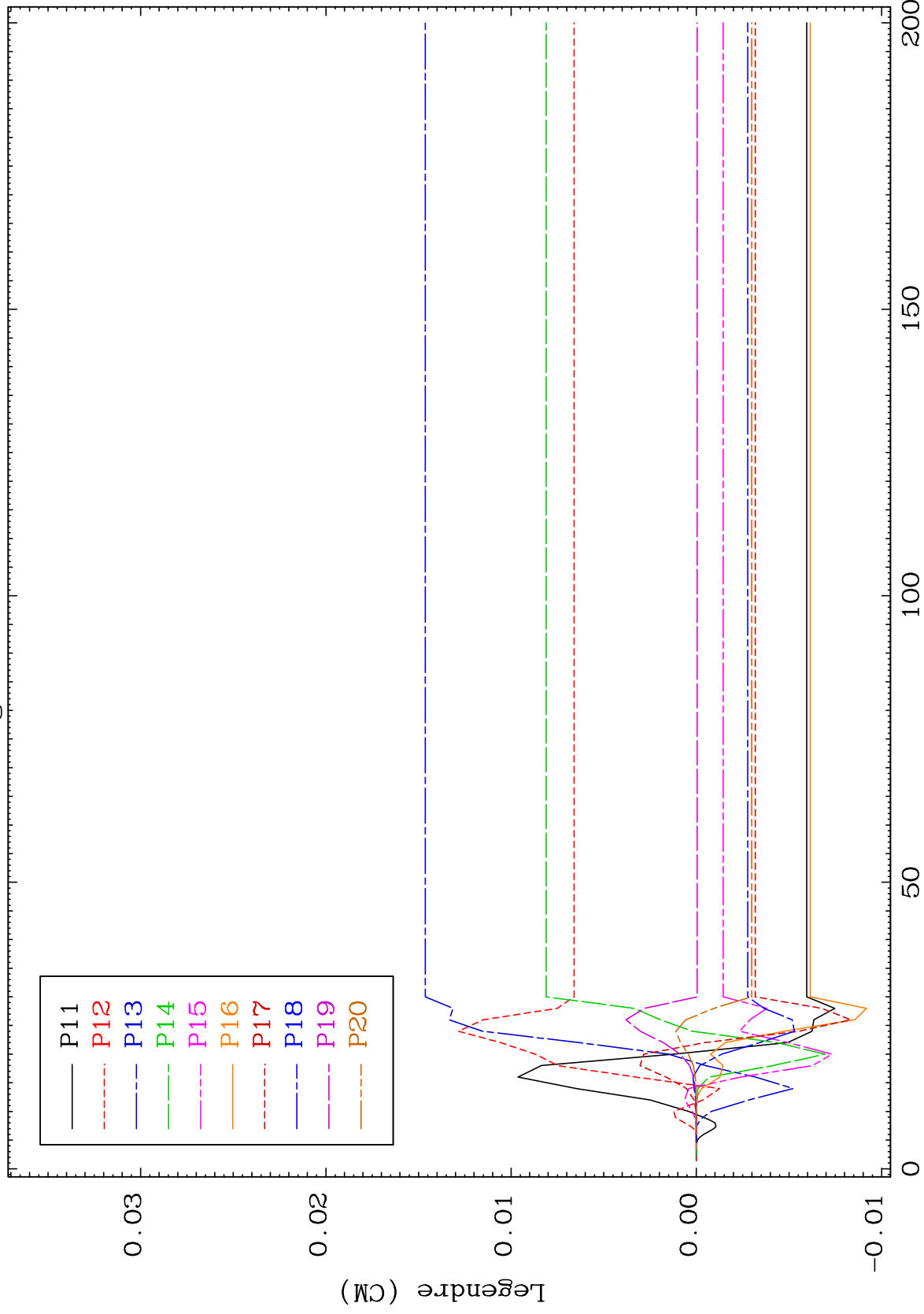
79-Au-200



MAT 7934

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

79-Au-200



53

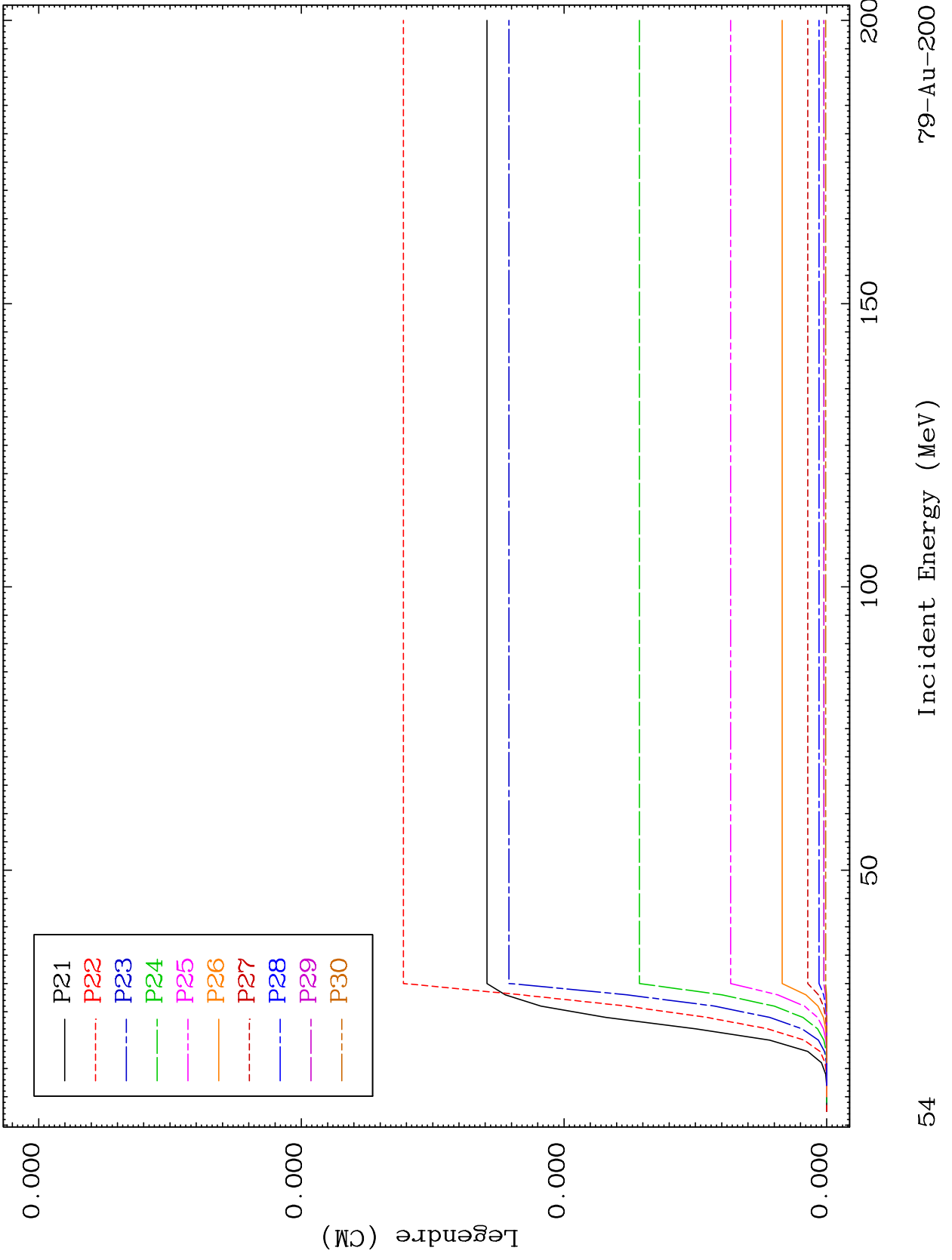
Incident Energy (MeV)

79-Au-200

MAT 7934

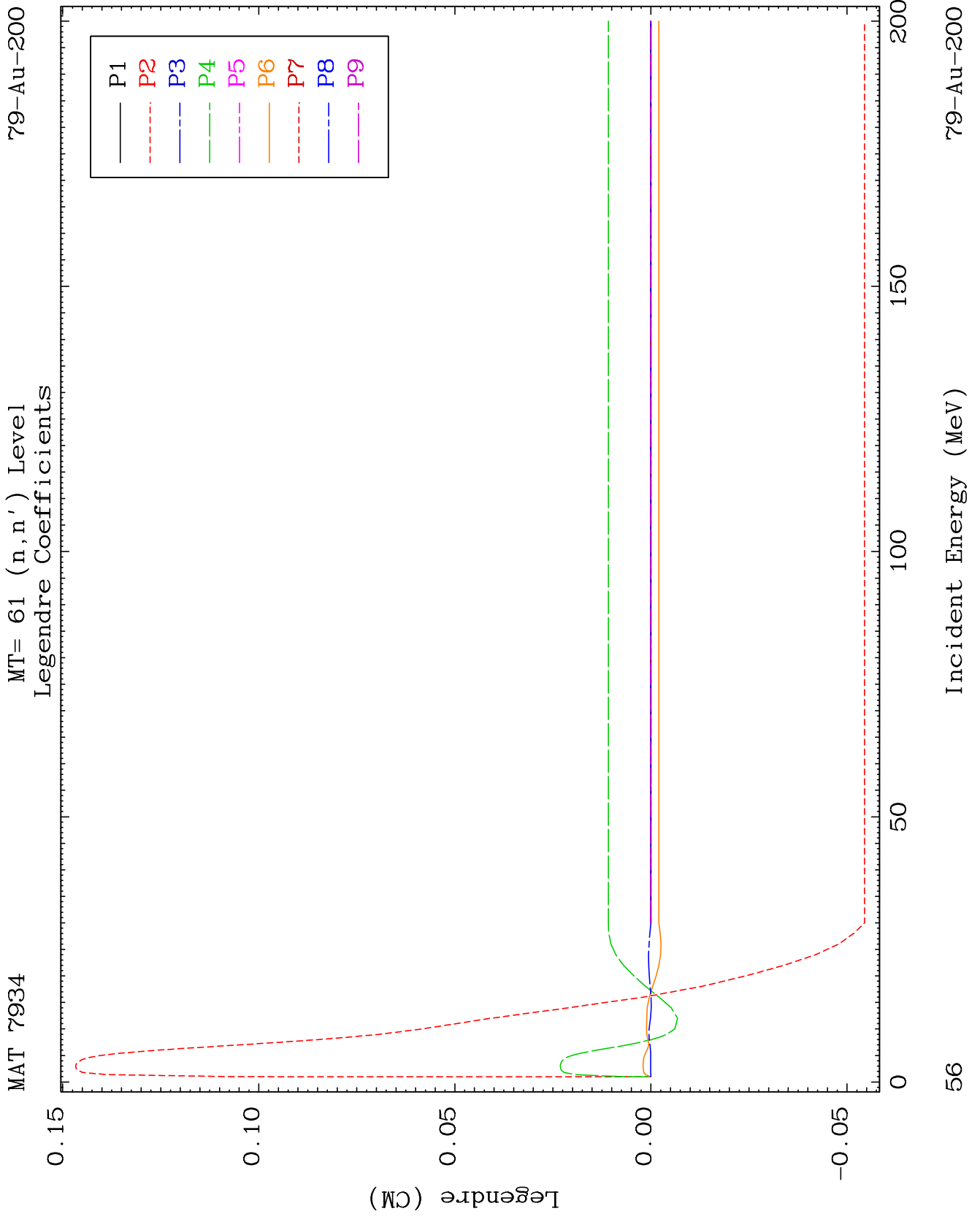
MT= 60 (n,n') Level  
Legendre Coefficients

79-Au-200





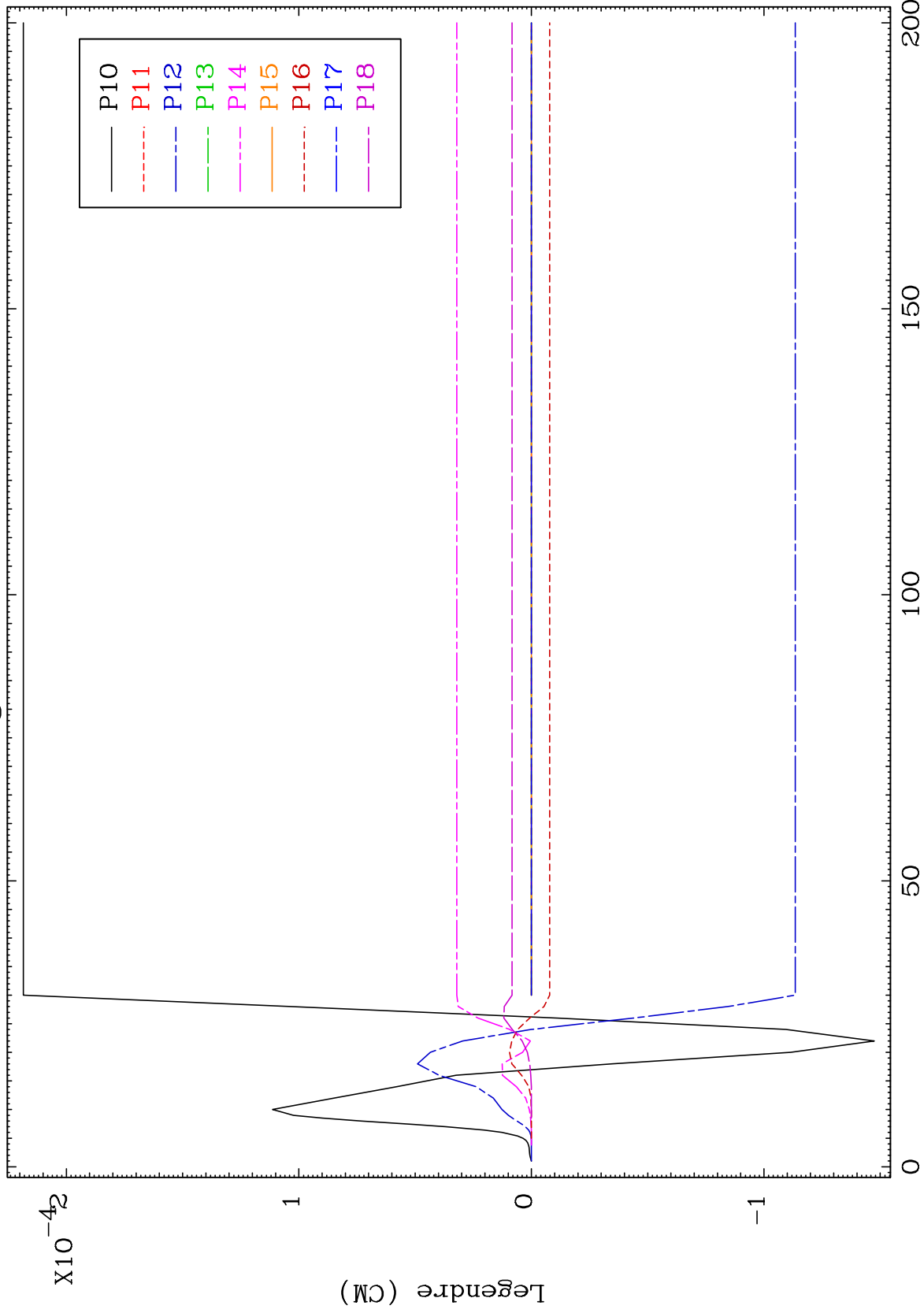




MAT 7934

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

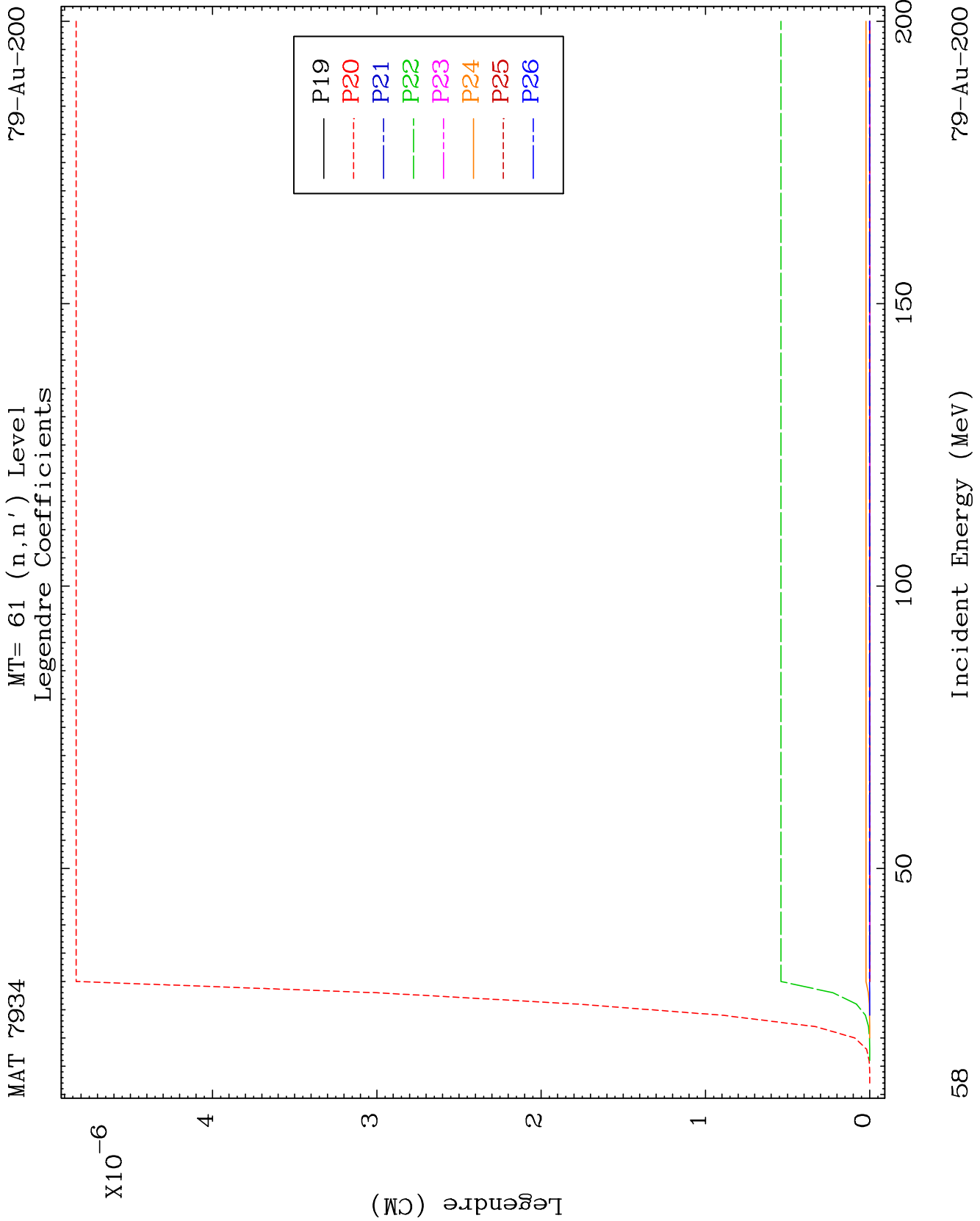
79-Au-200



57

Incident Energy (MeV)

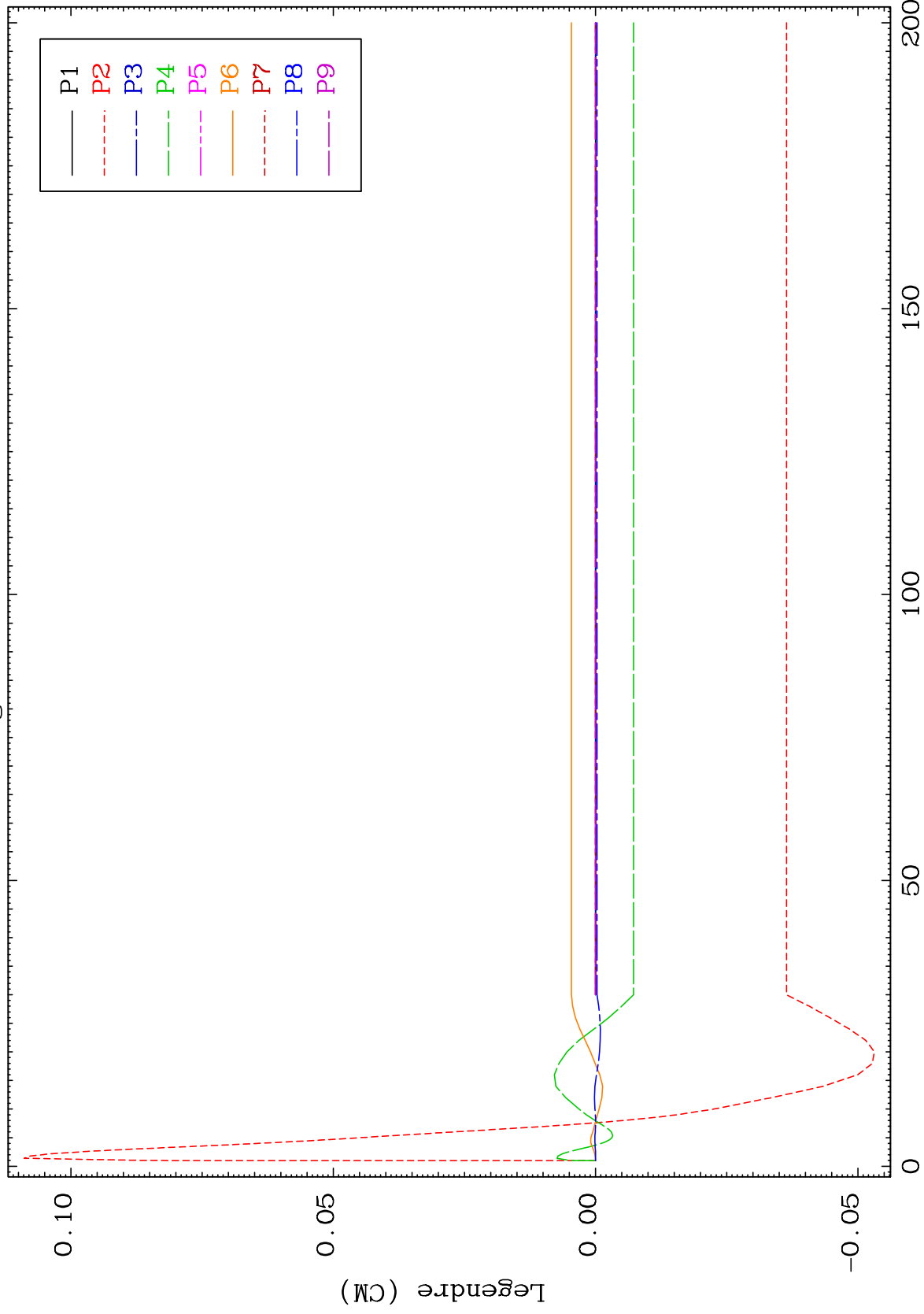
79-Au-200



MAT 7934

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

79-Au-200

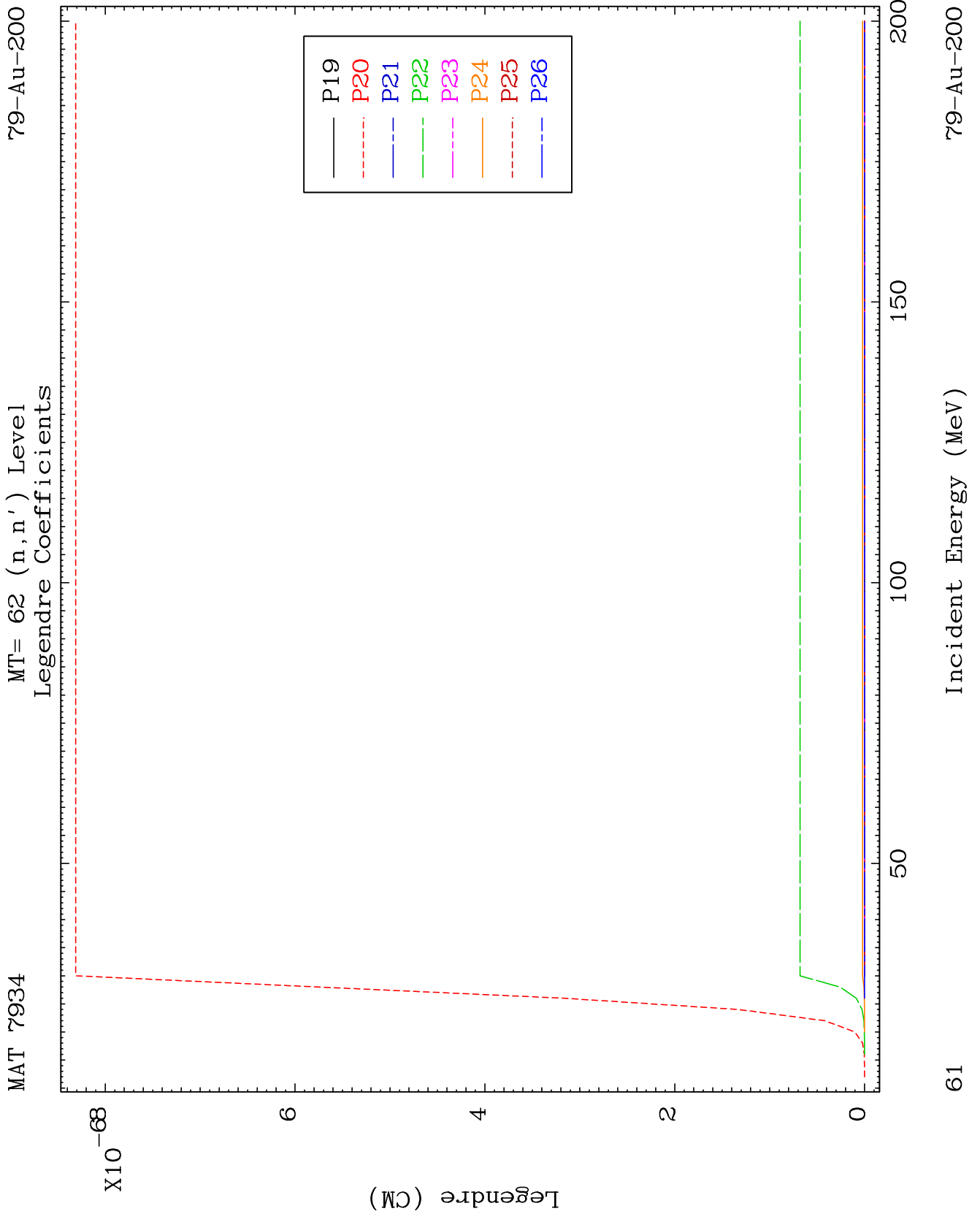


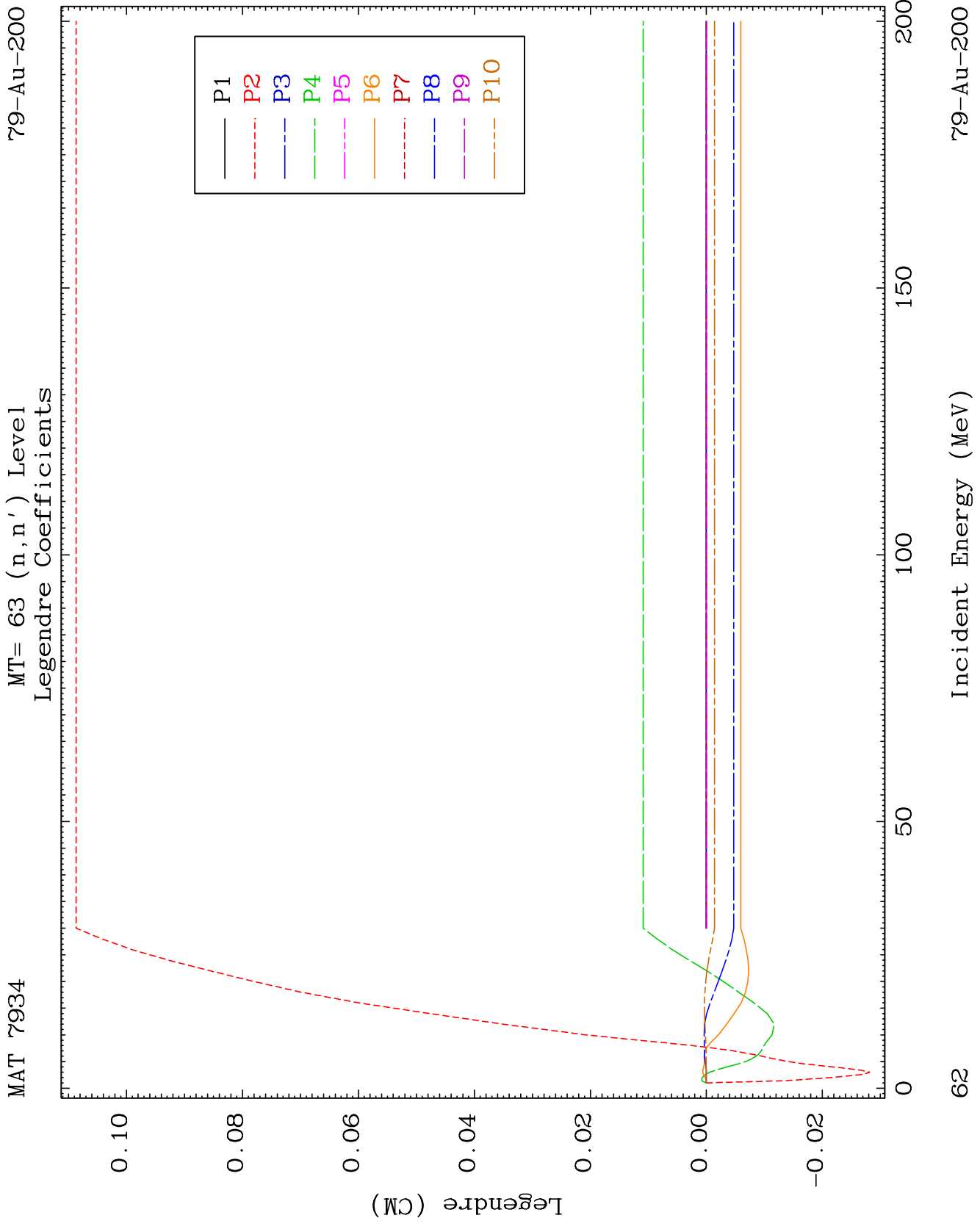
59

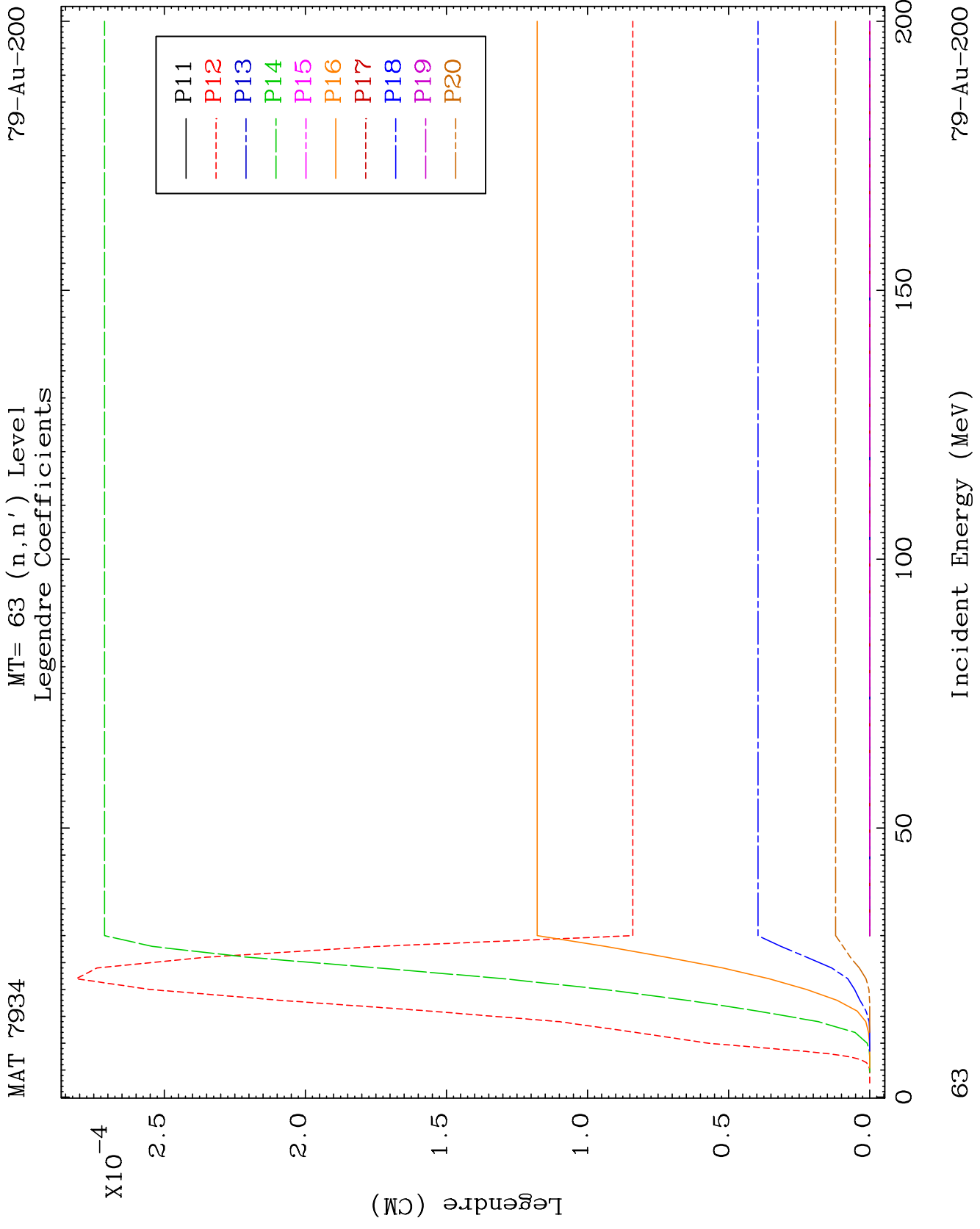
Incident Energy (MeV)

79-Au-200

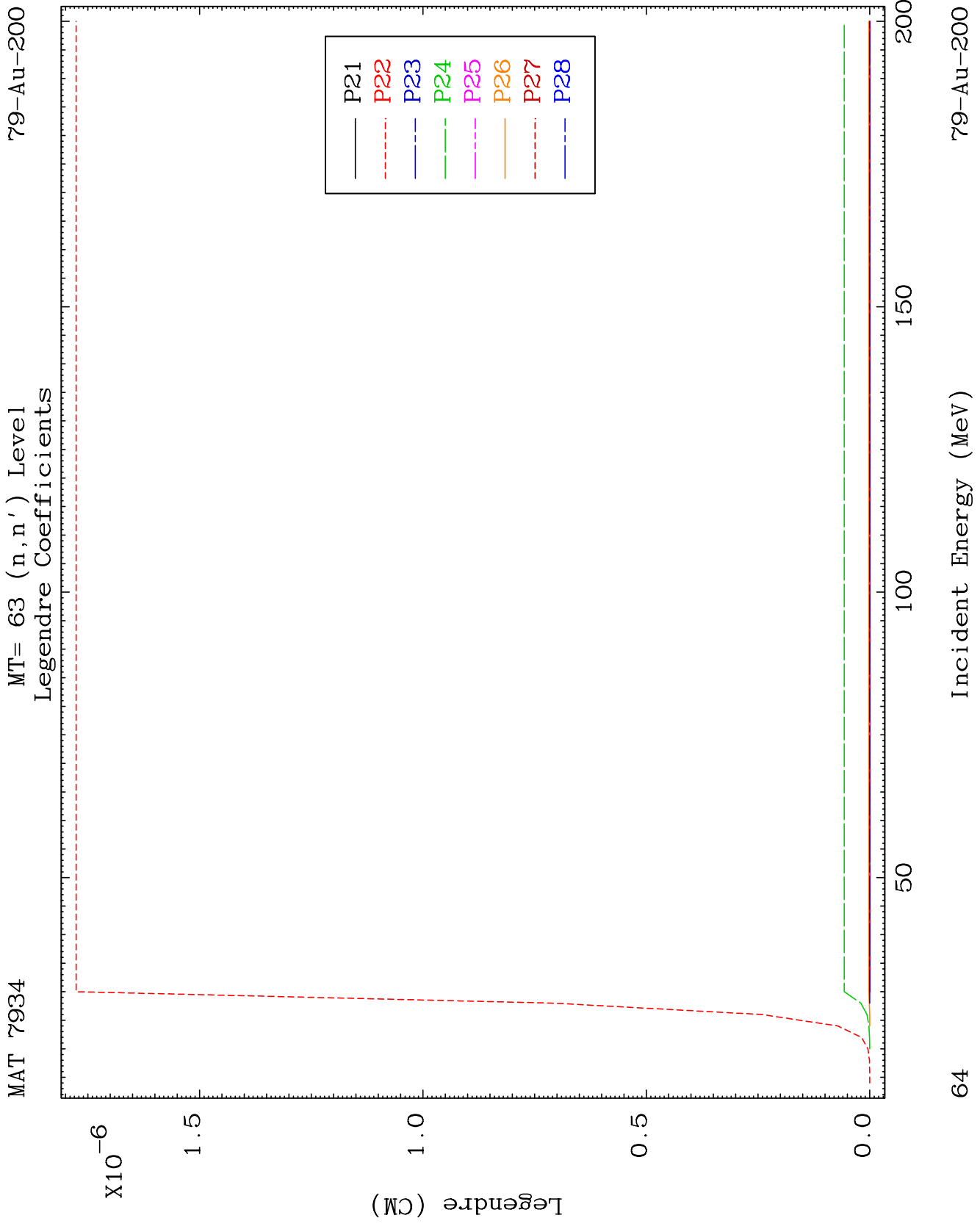








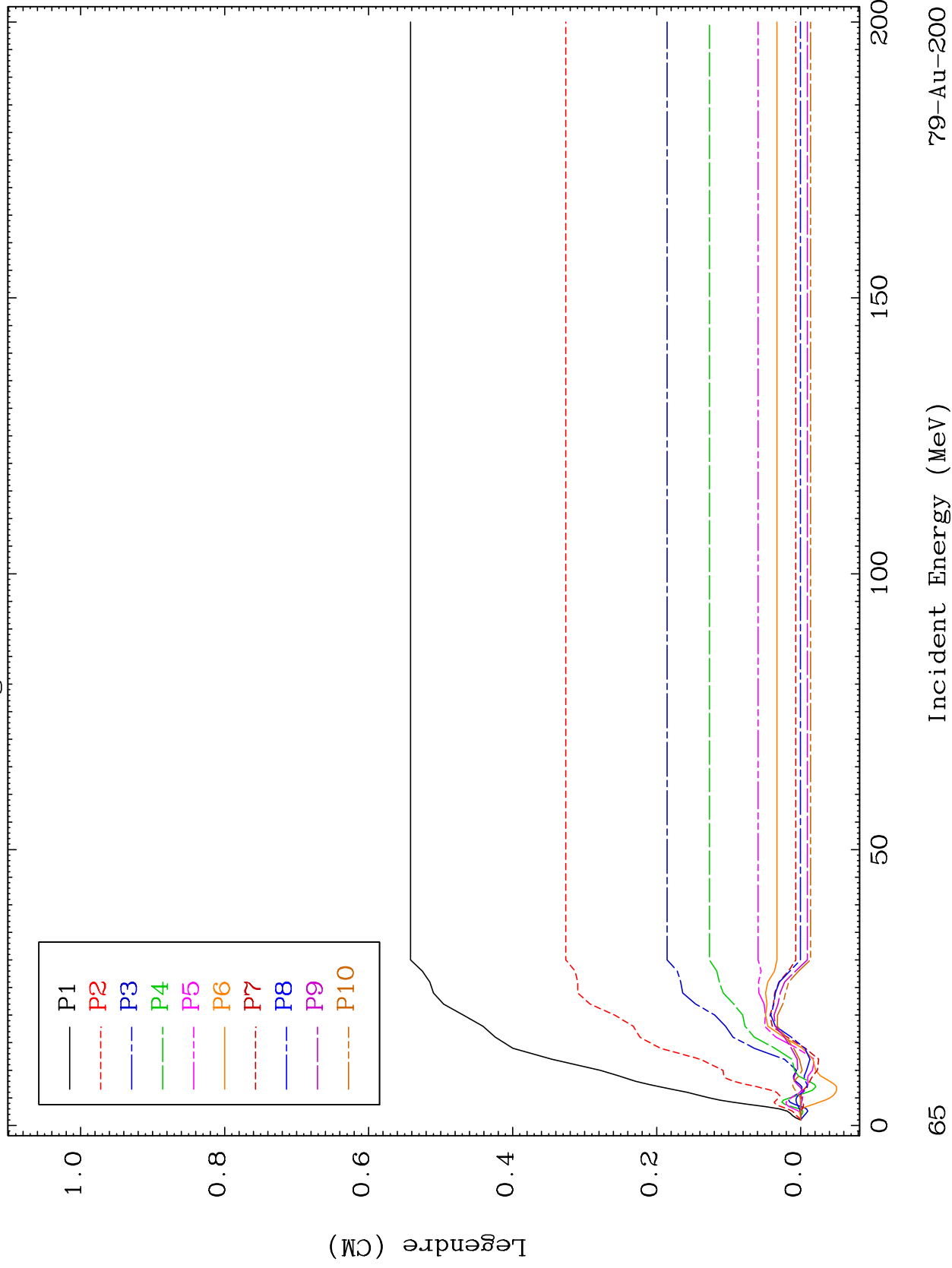




MAT 7934

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

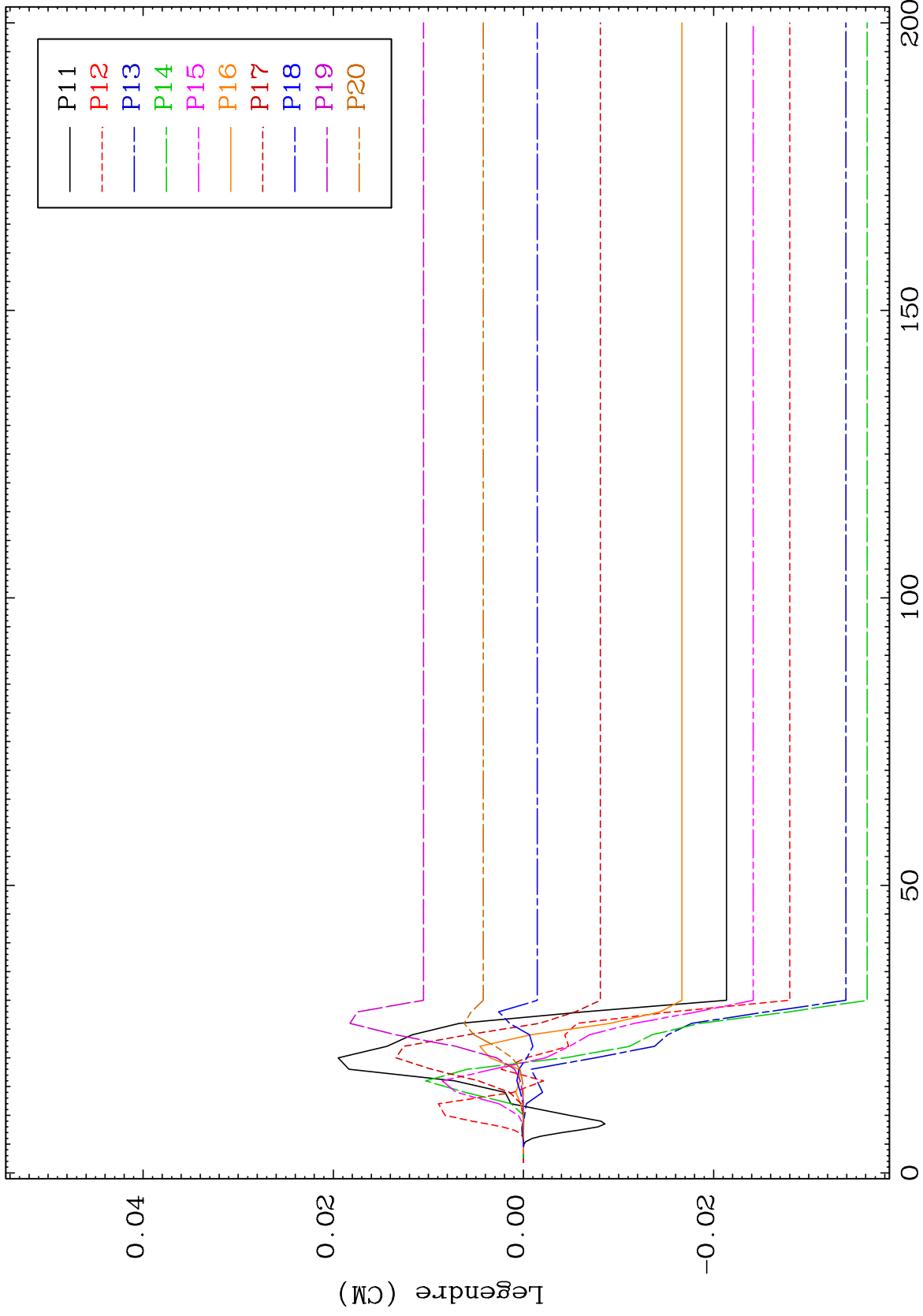
79-Au-200



MAT 7934

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

79-Au-200



66

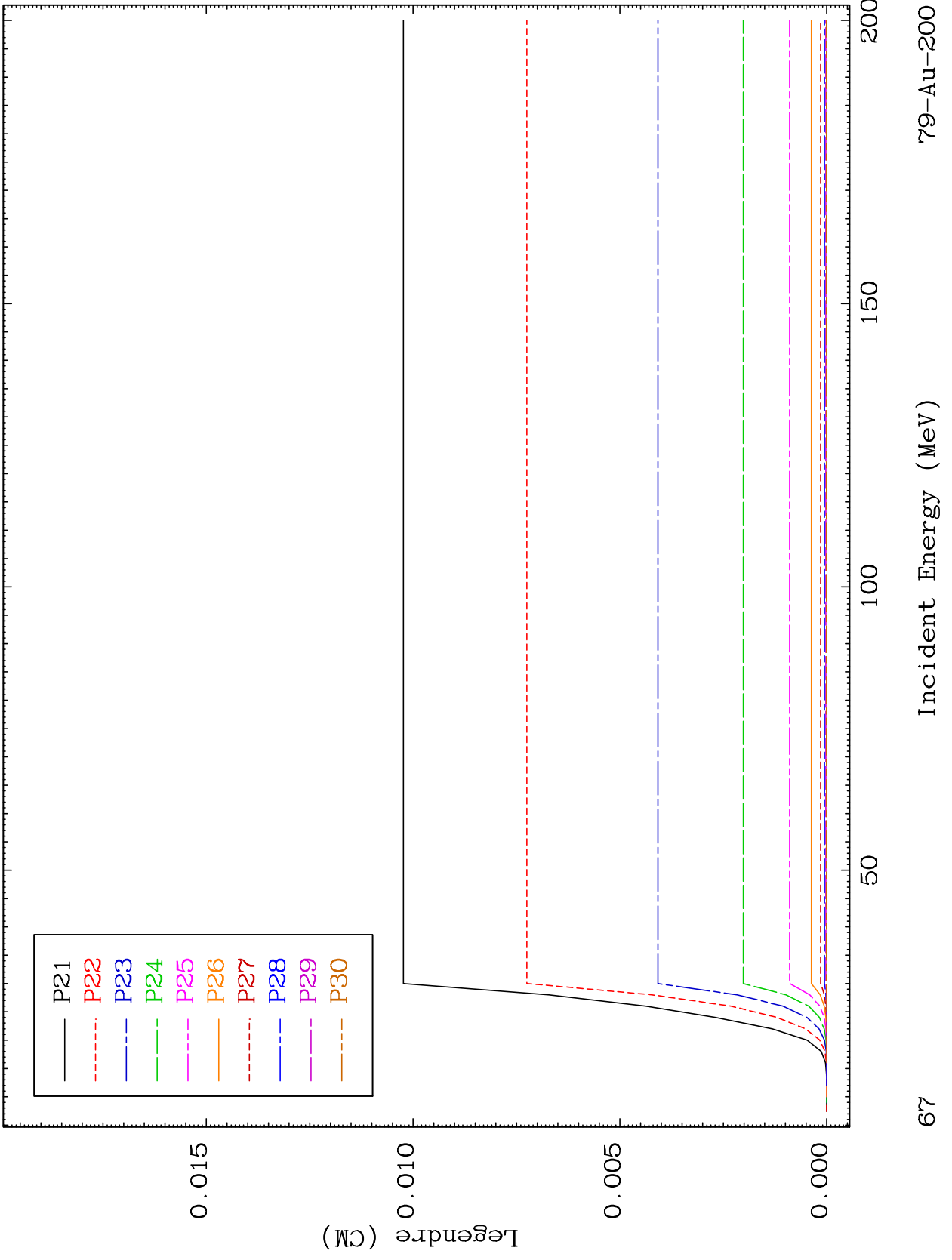
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



67

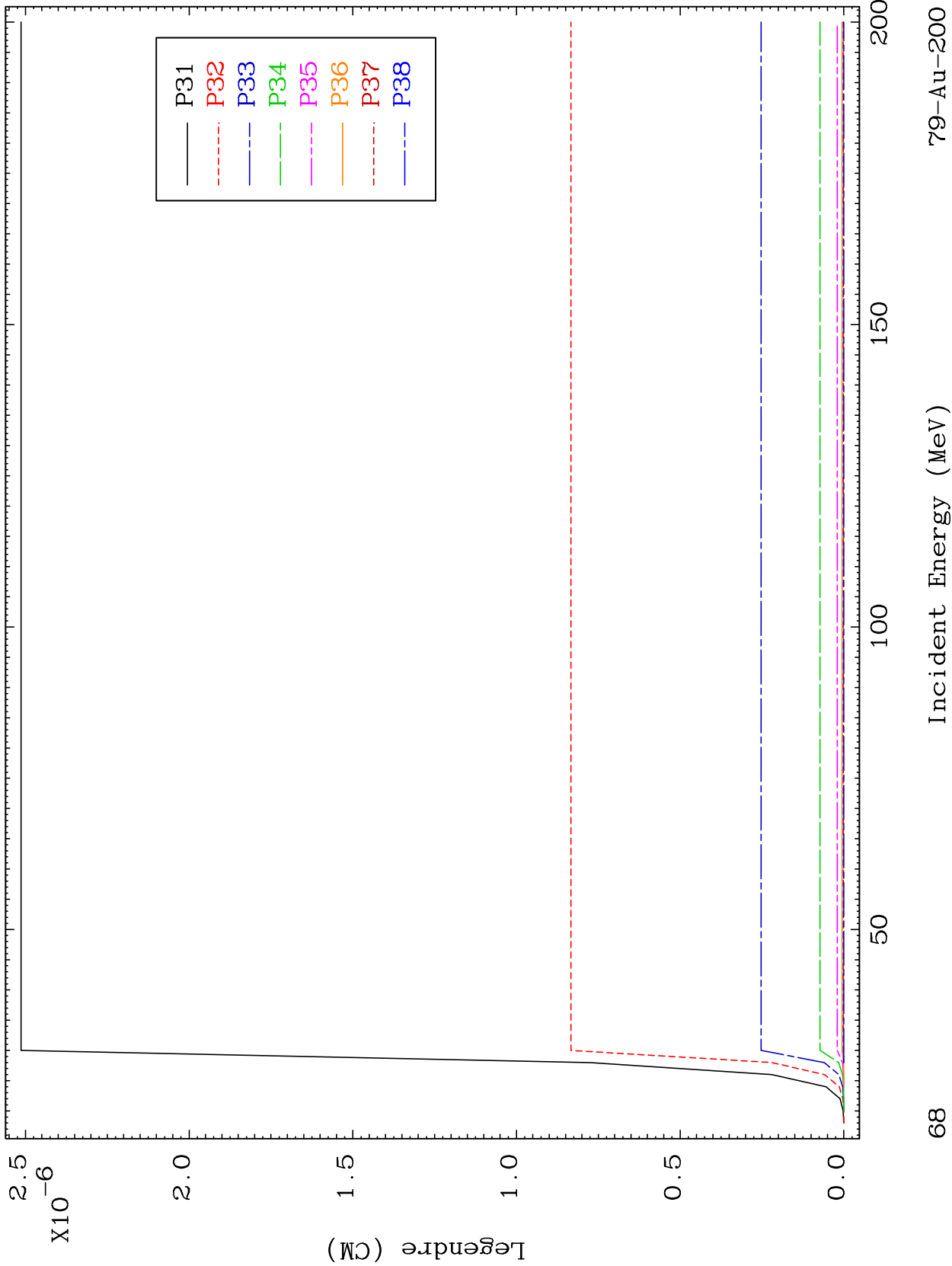
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



68

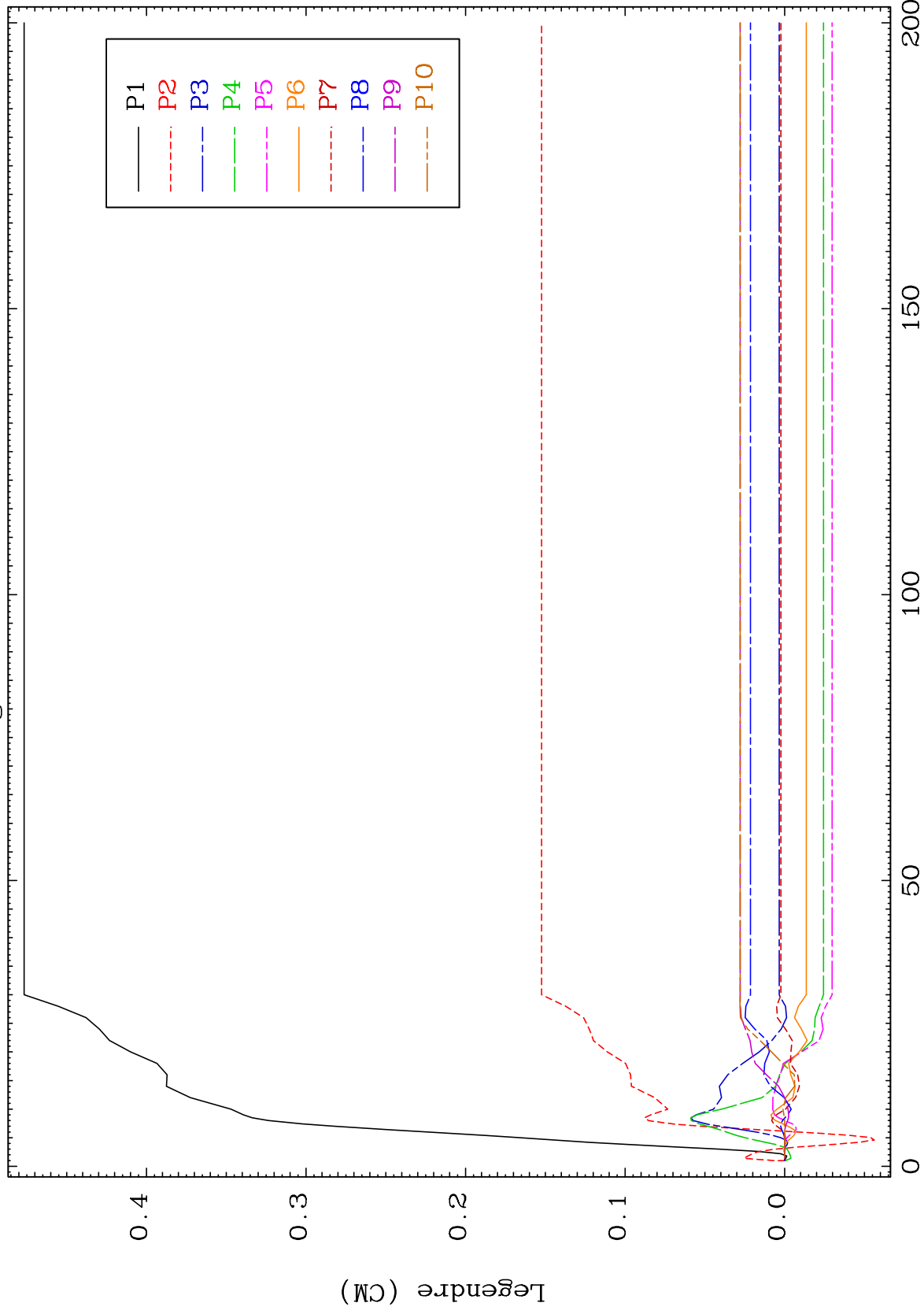
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



79-Au-200

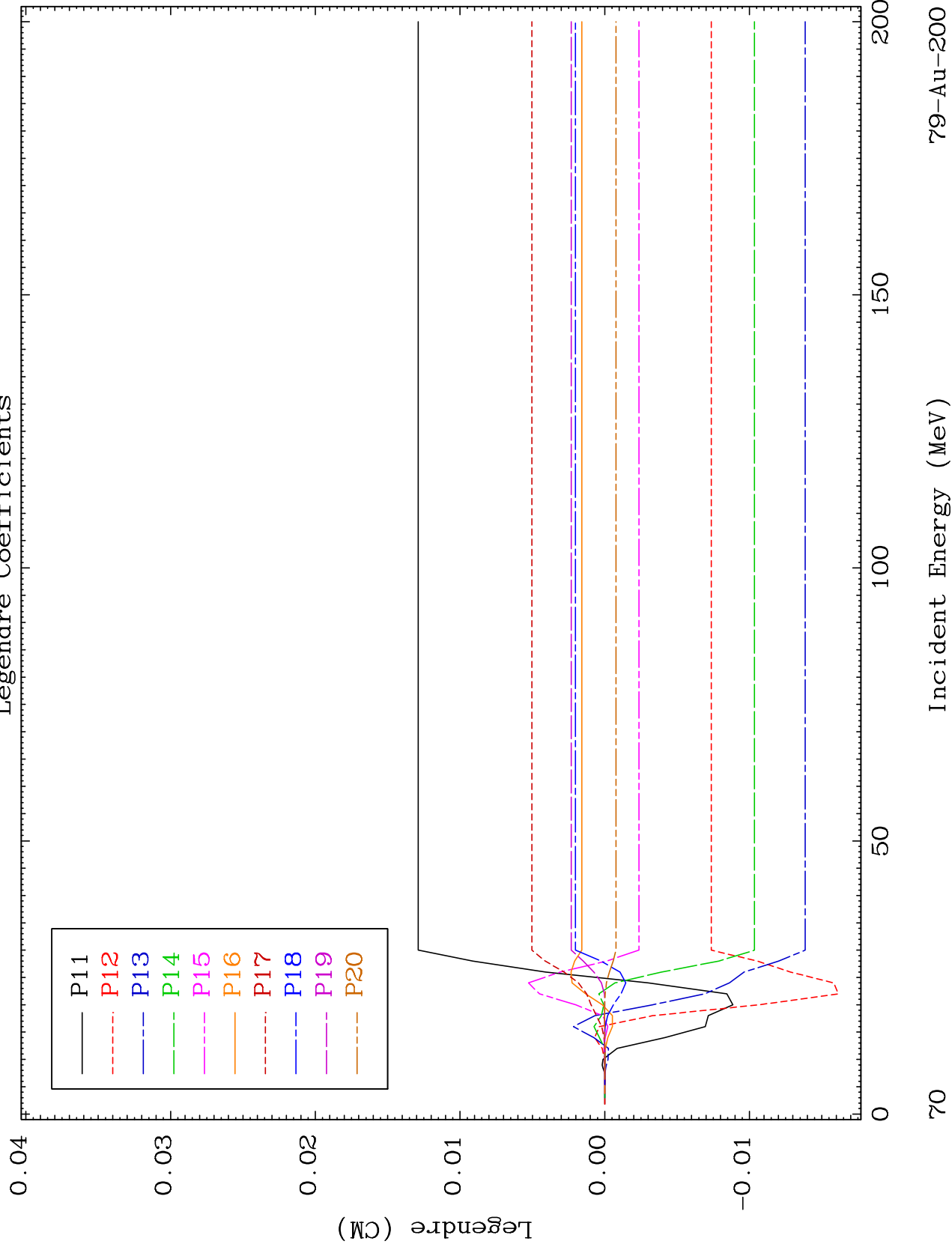
Incident Energy (MeV)

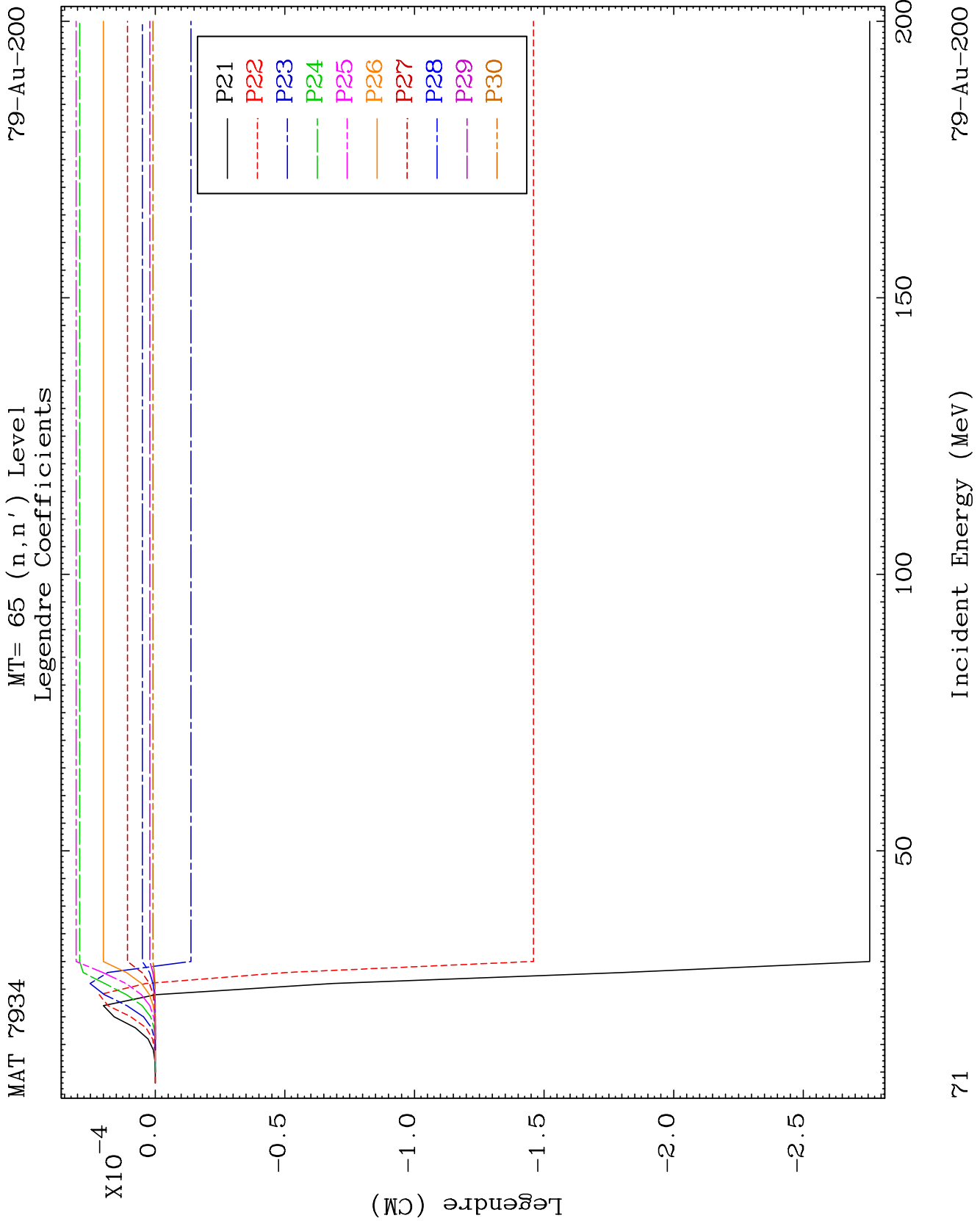
69

MAT 7934

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

79-Au-200



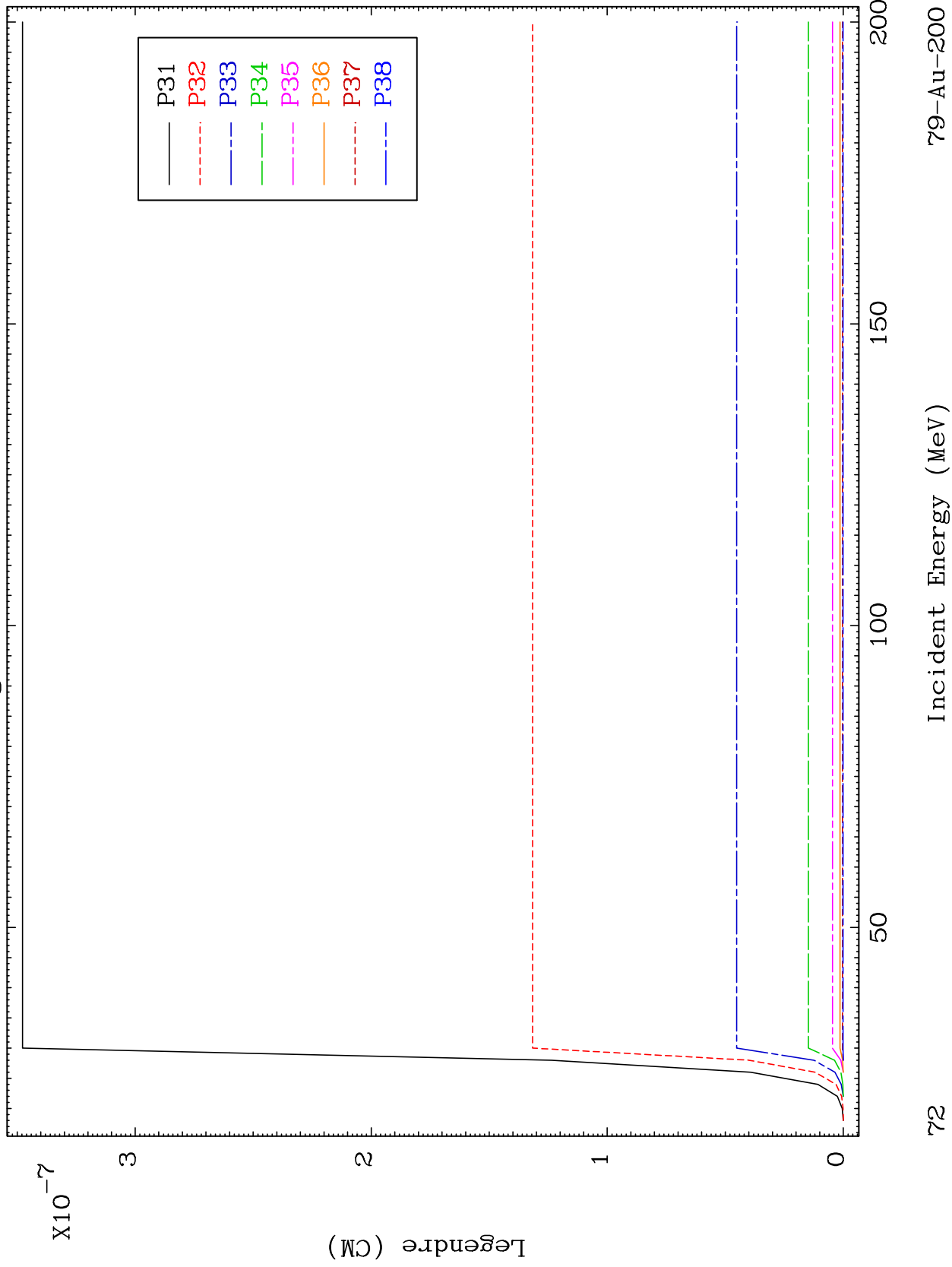




MAT 7934

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

79-Au-200



72

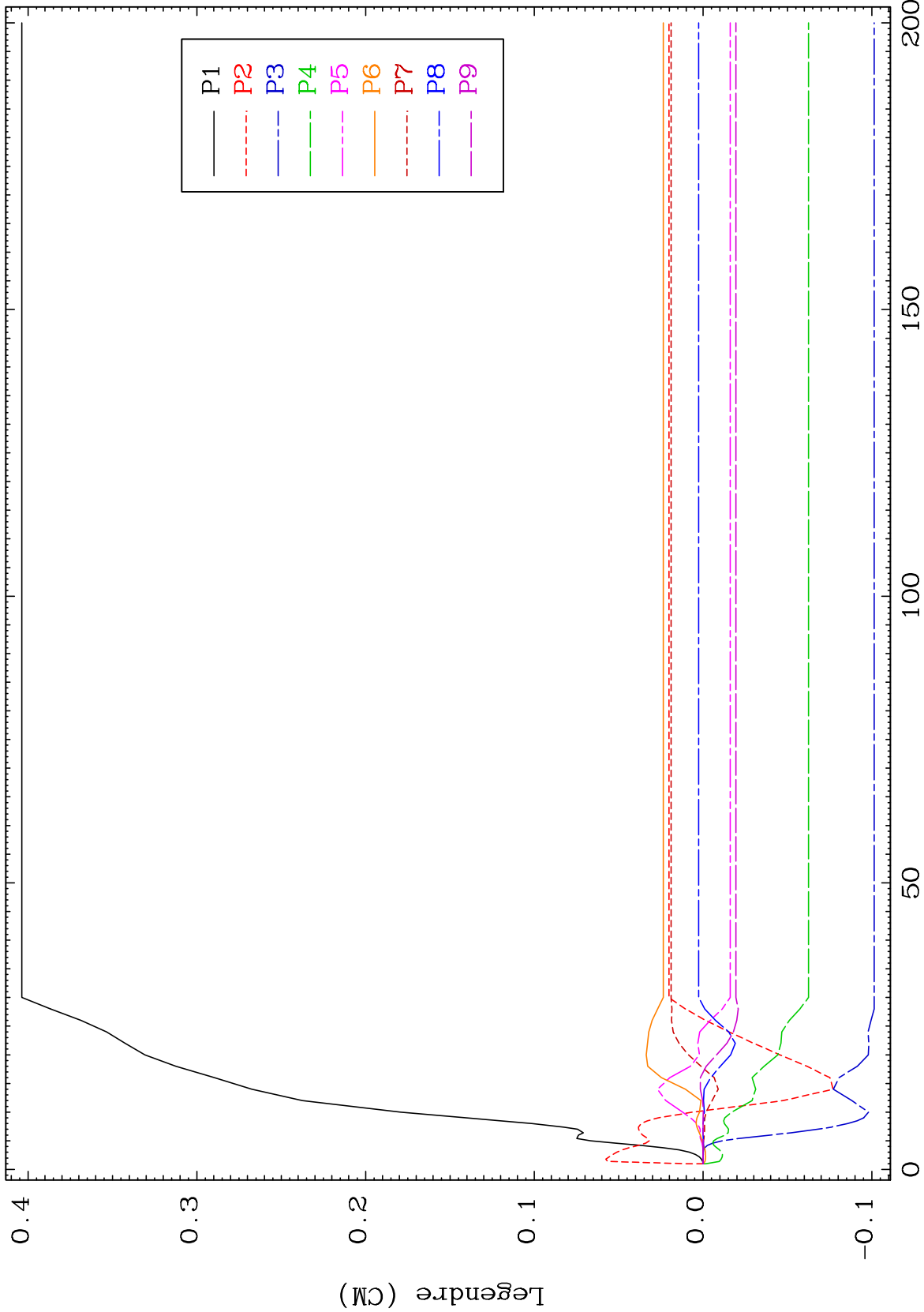
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



73

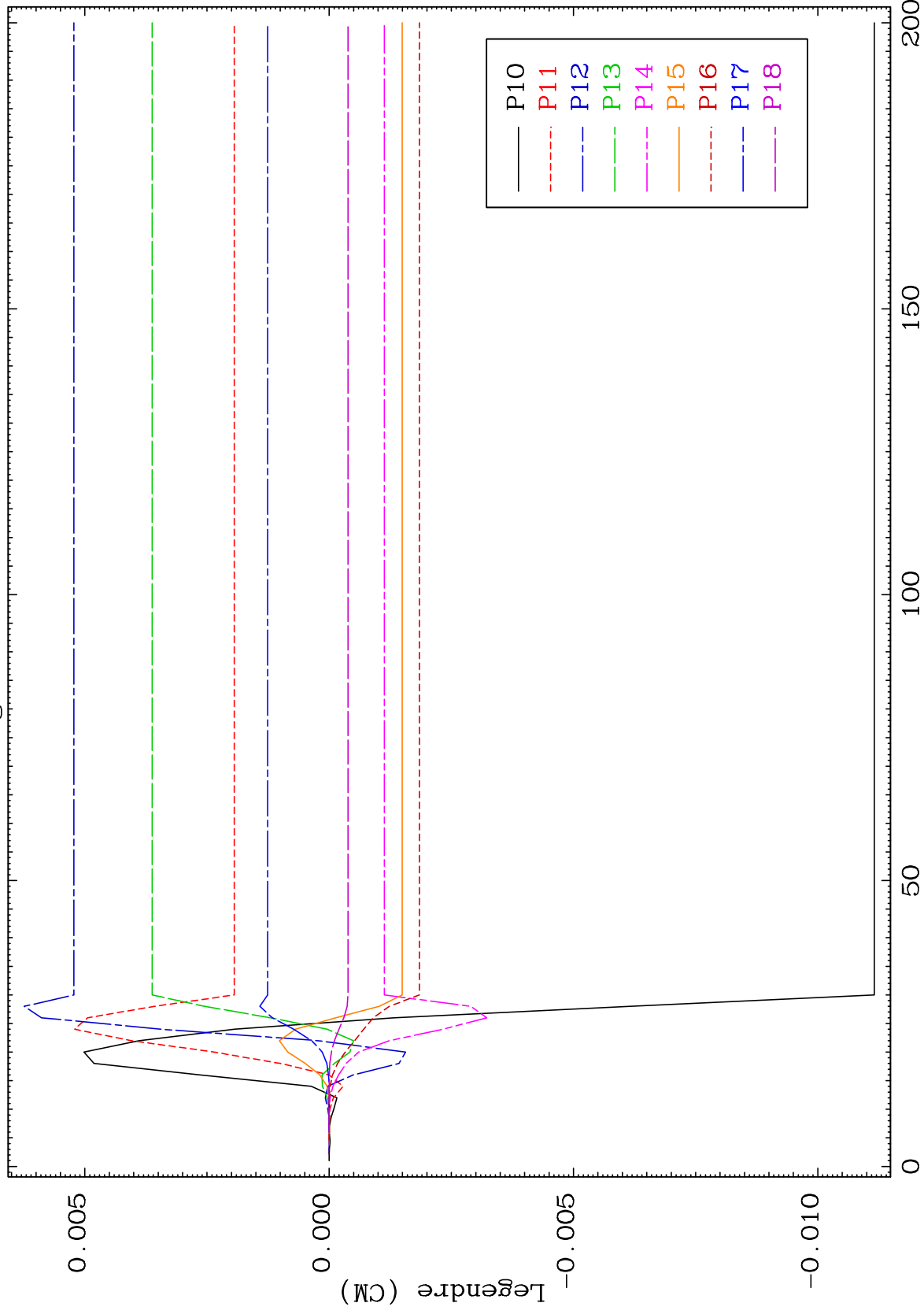
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



74

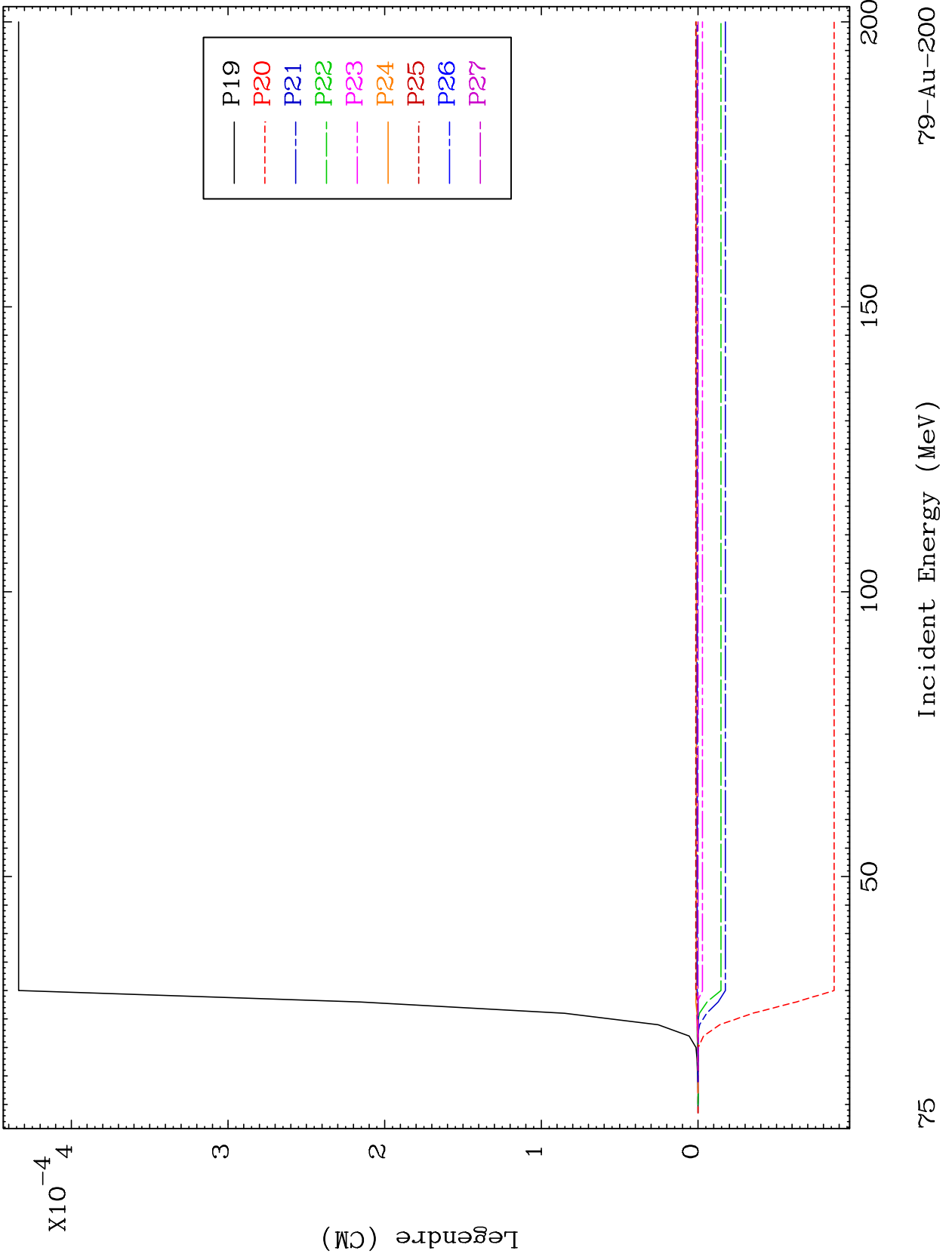
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



75

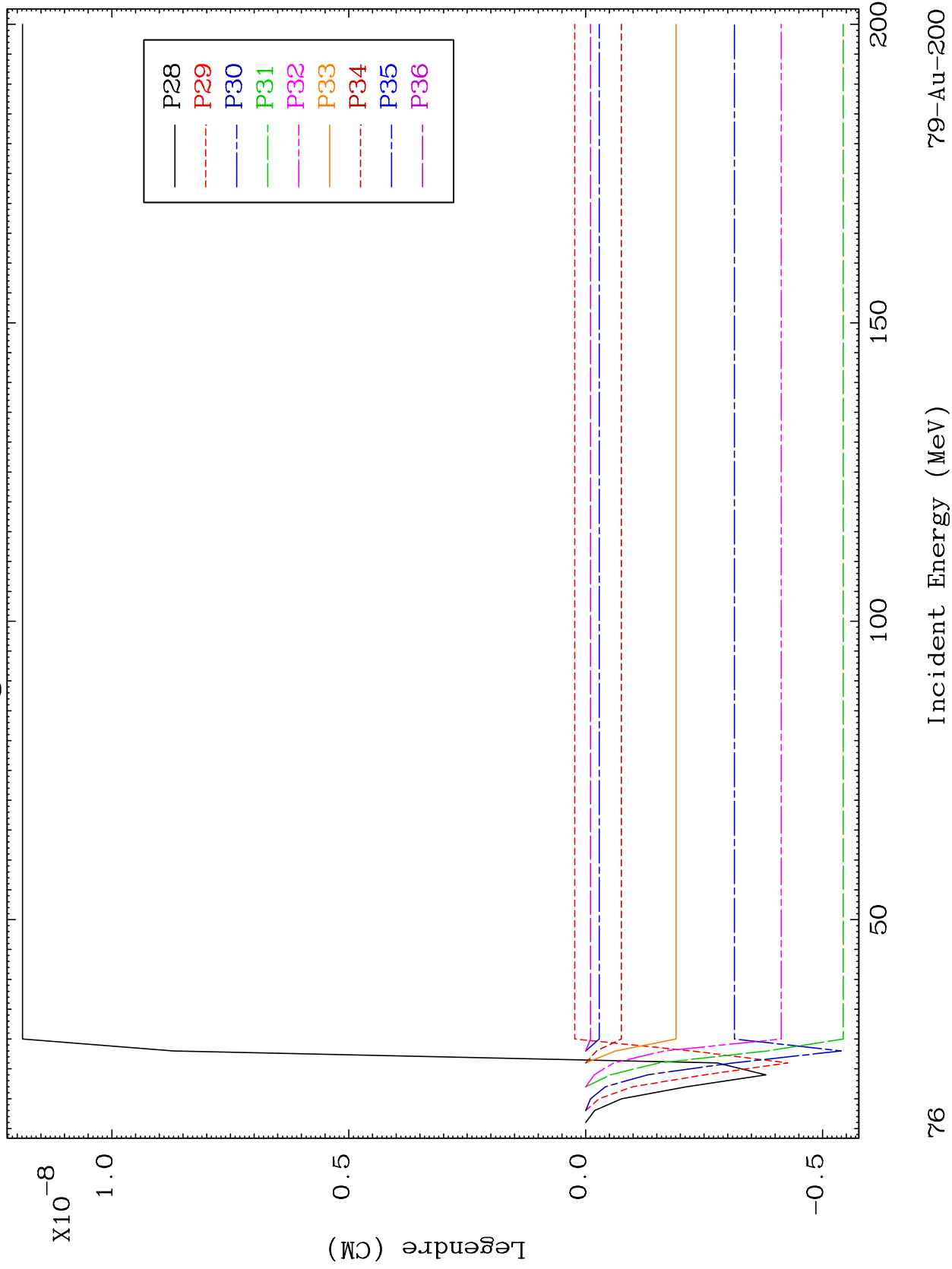
Incident Energy (MeV)

79-Au-200

MAT 7934

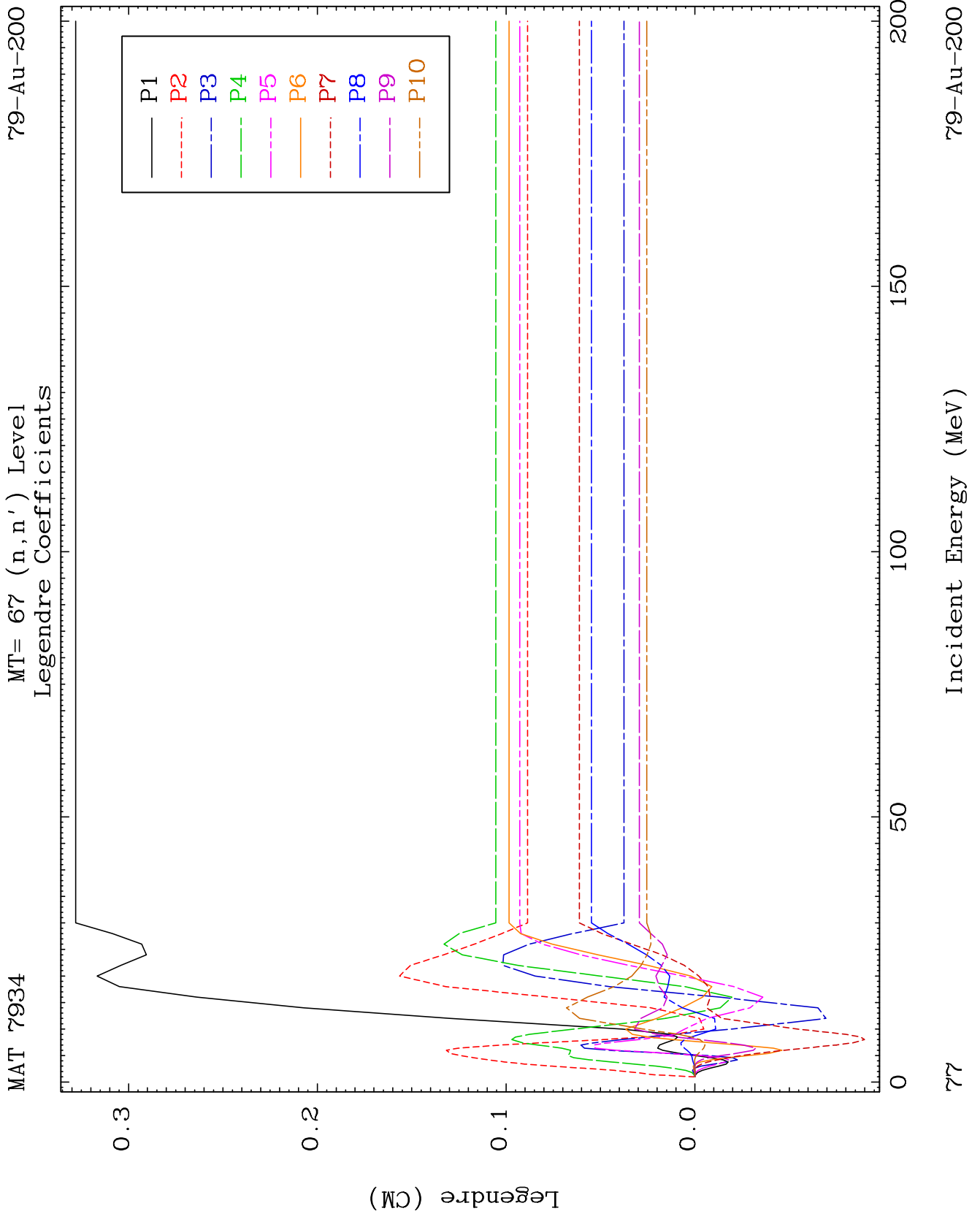
MT= 66 (n,n') Level  
Legendre Coefficients

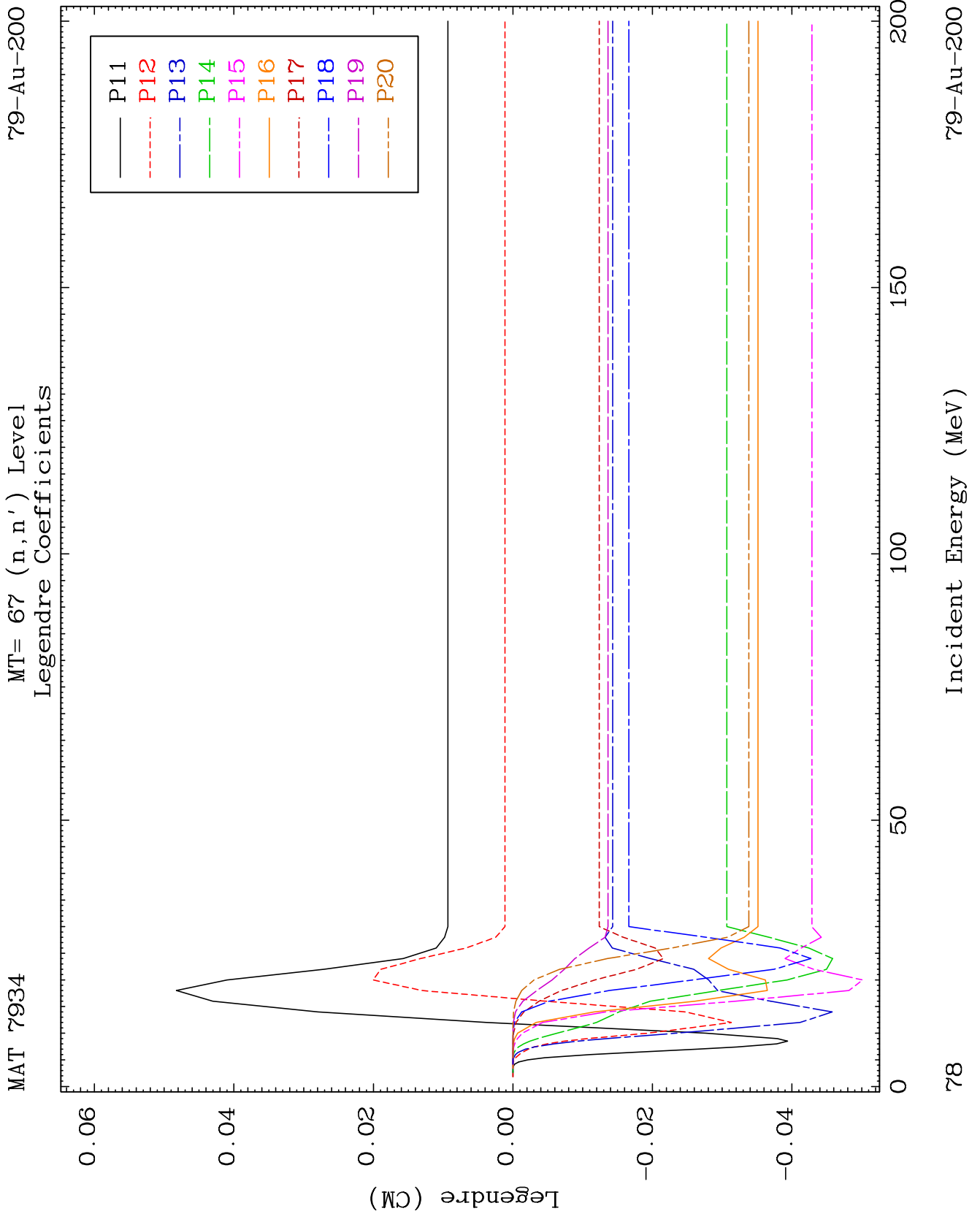
79-Au-200



76

79-Au-200

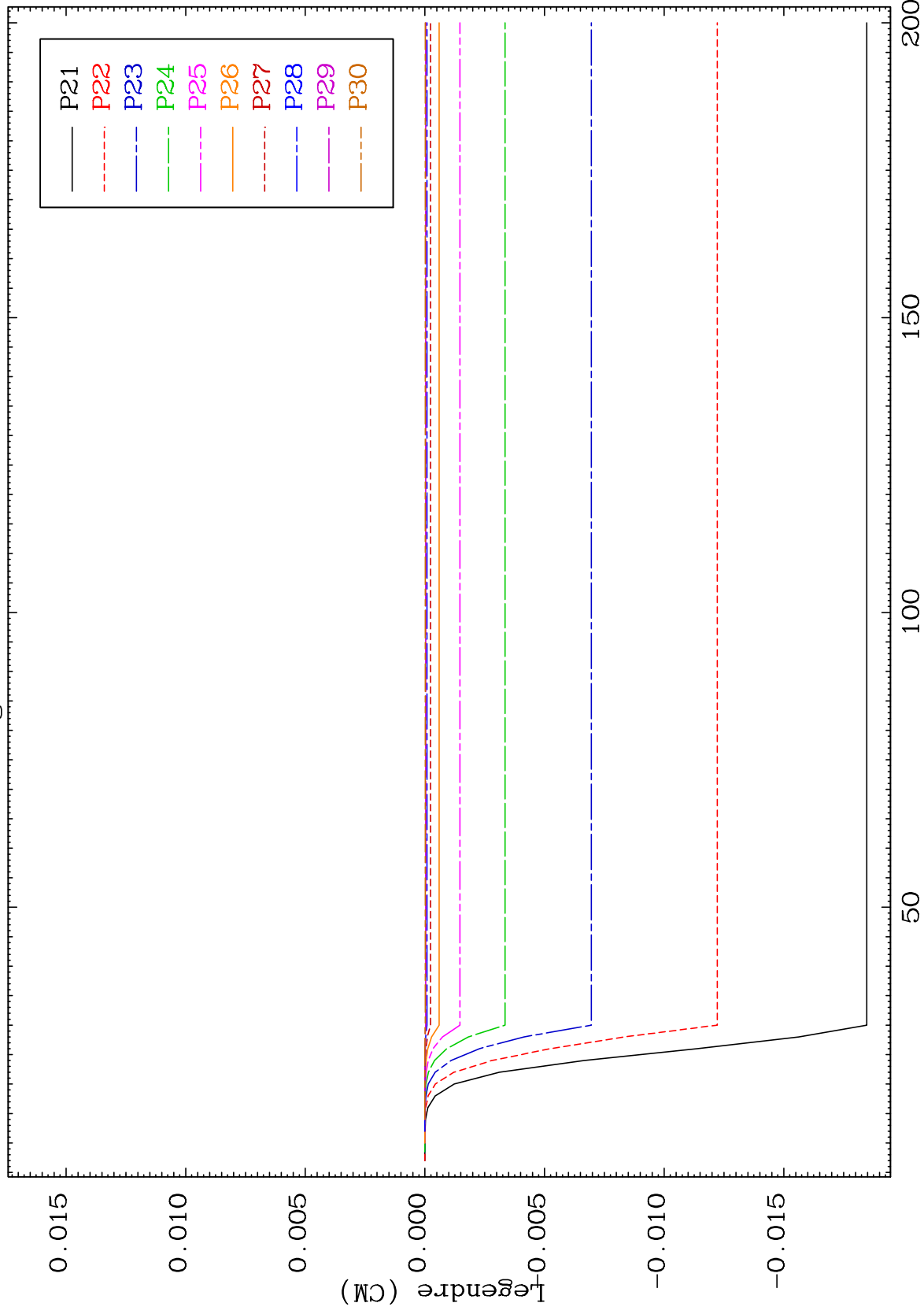




MAT 7934

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

79-Au-200

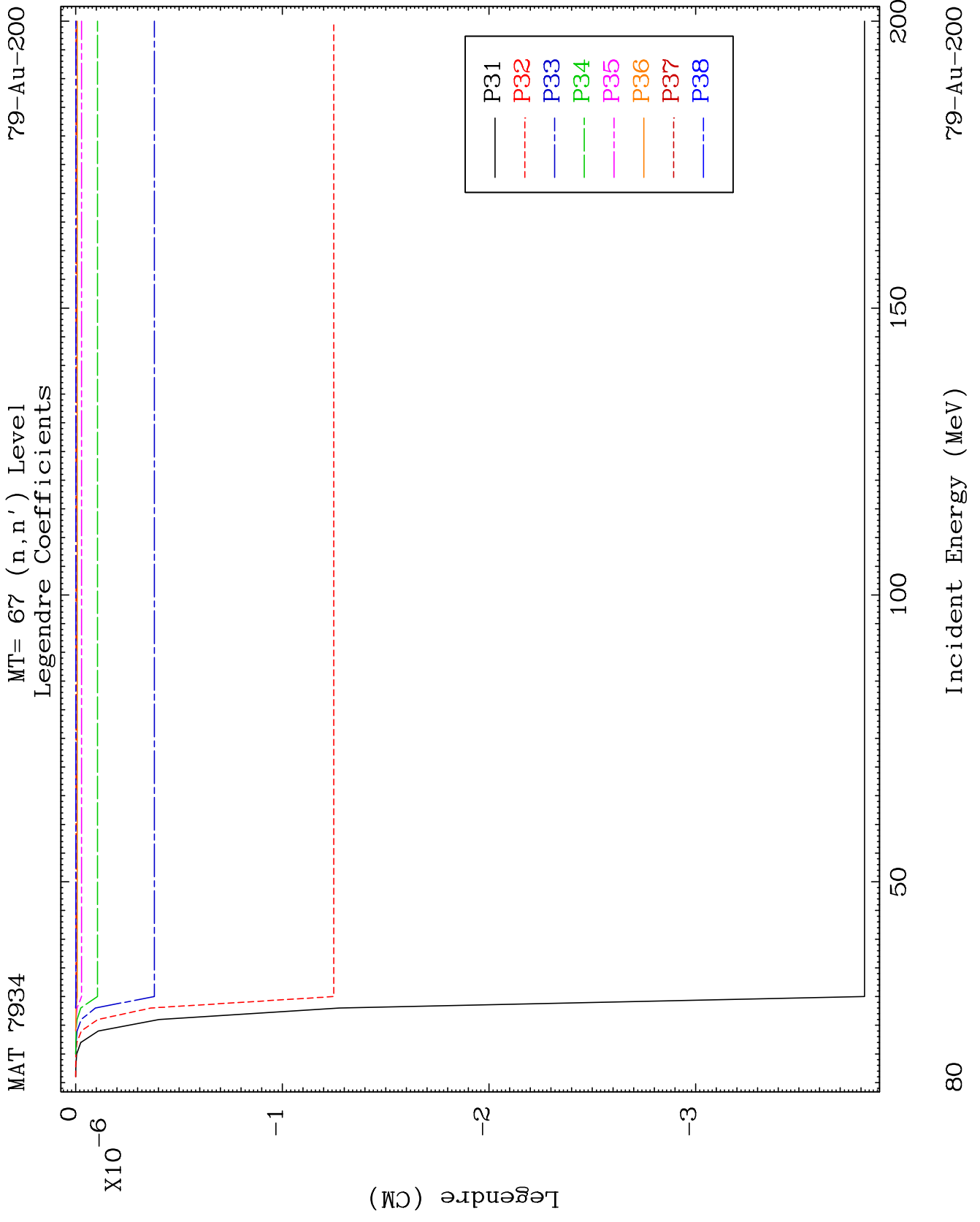


79

Incident Energy (MeV)

79-Au-200

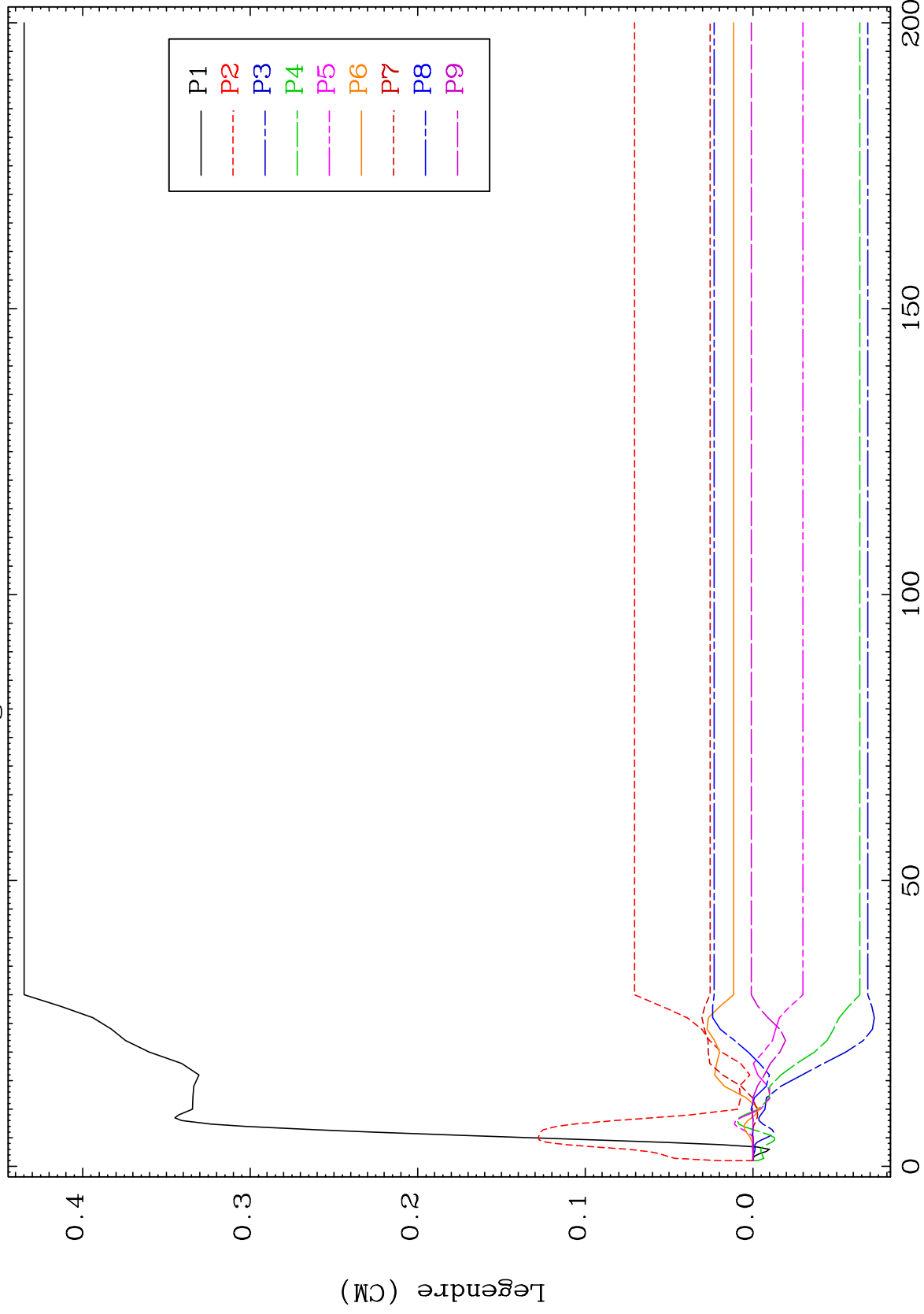




MAT 7934

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

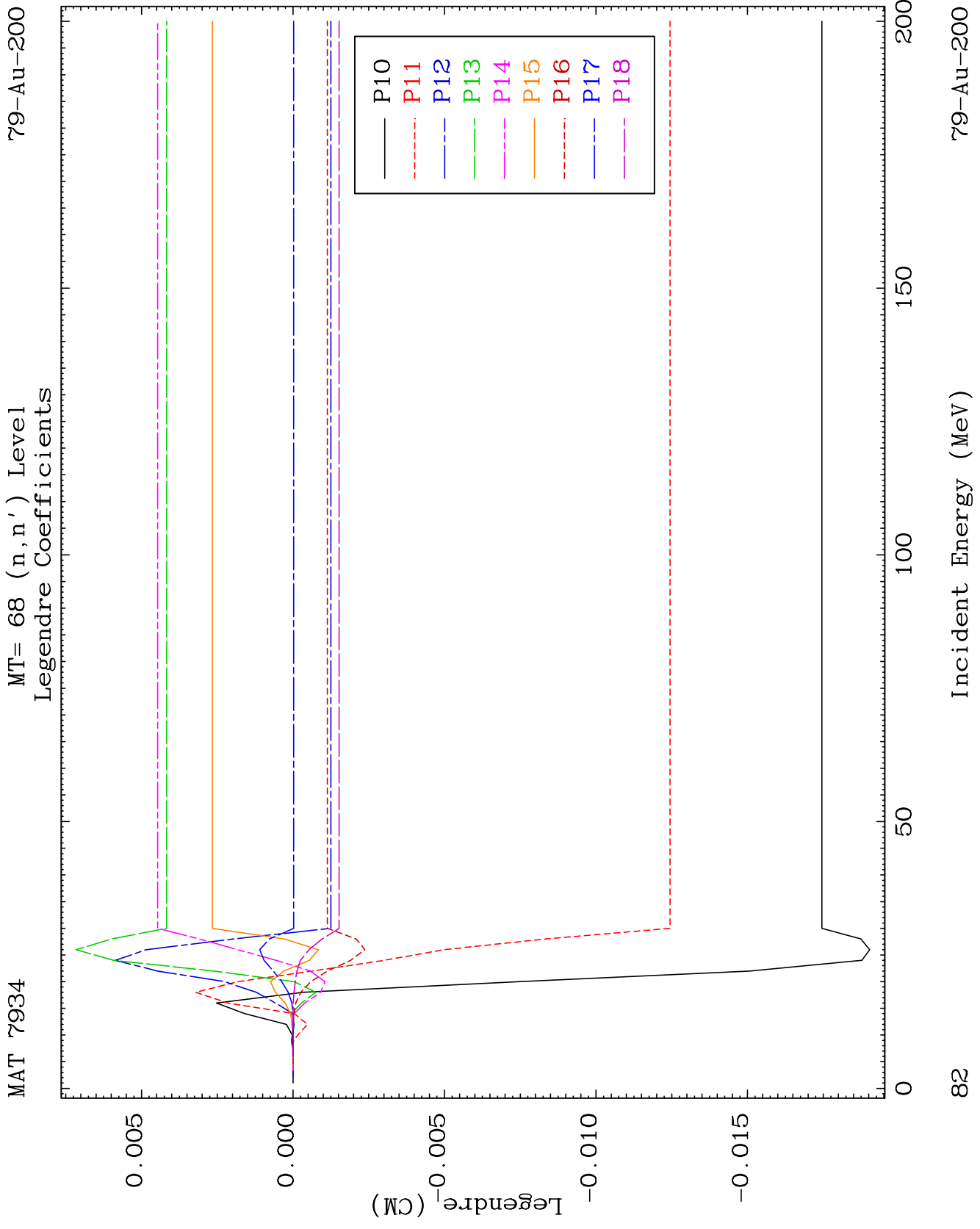
79-Au-200



81

Incident Energy (MeV)

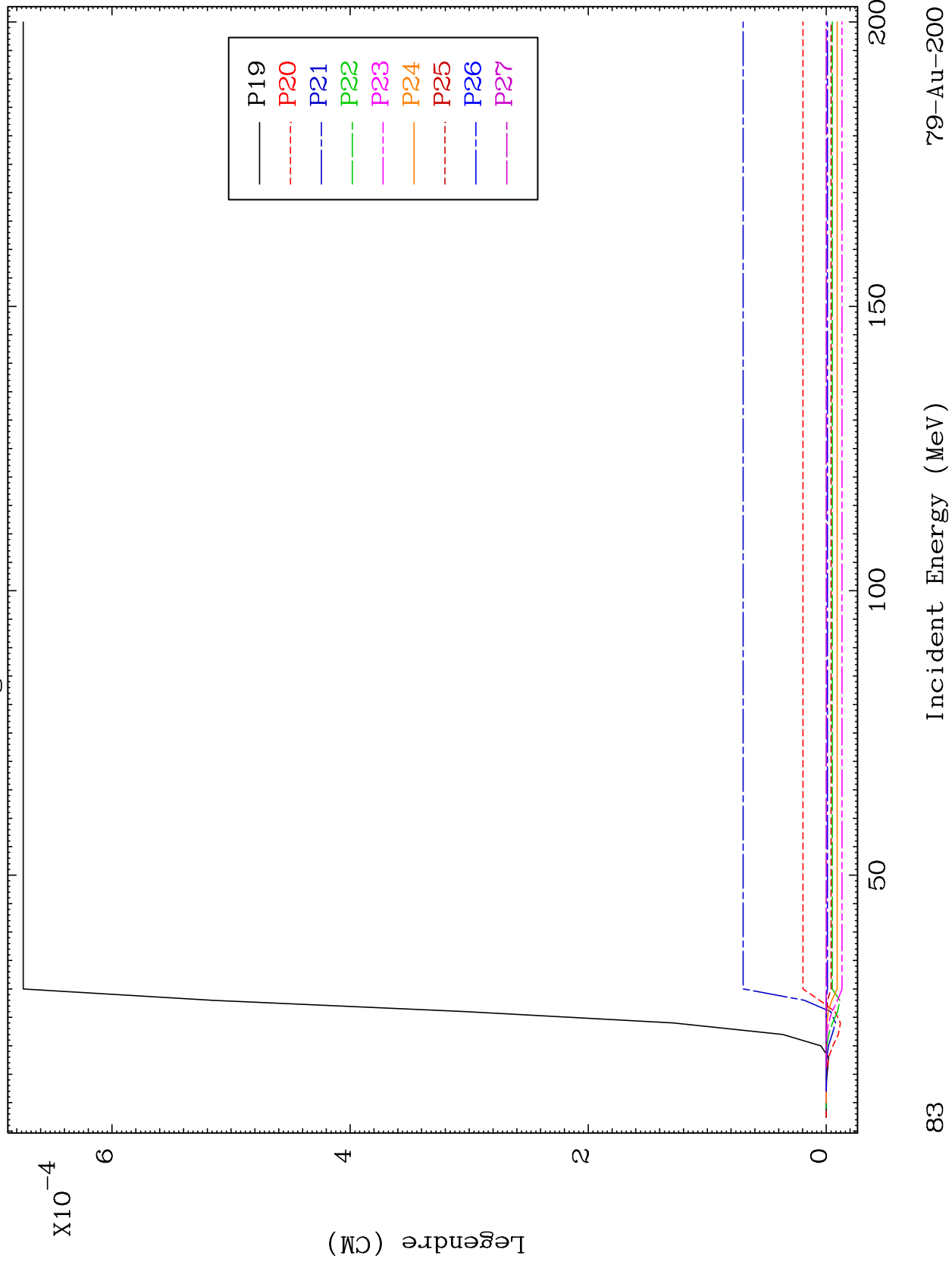
79-Au-200



MAT 7934

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

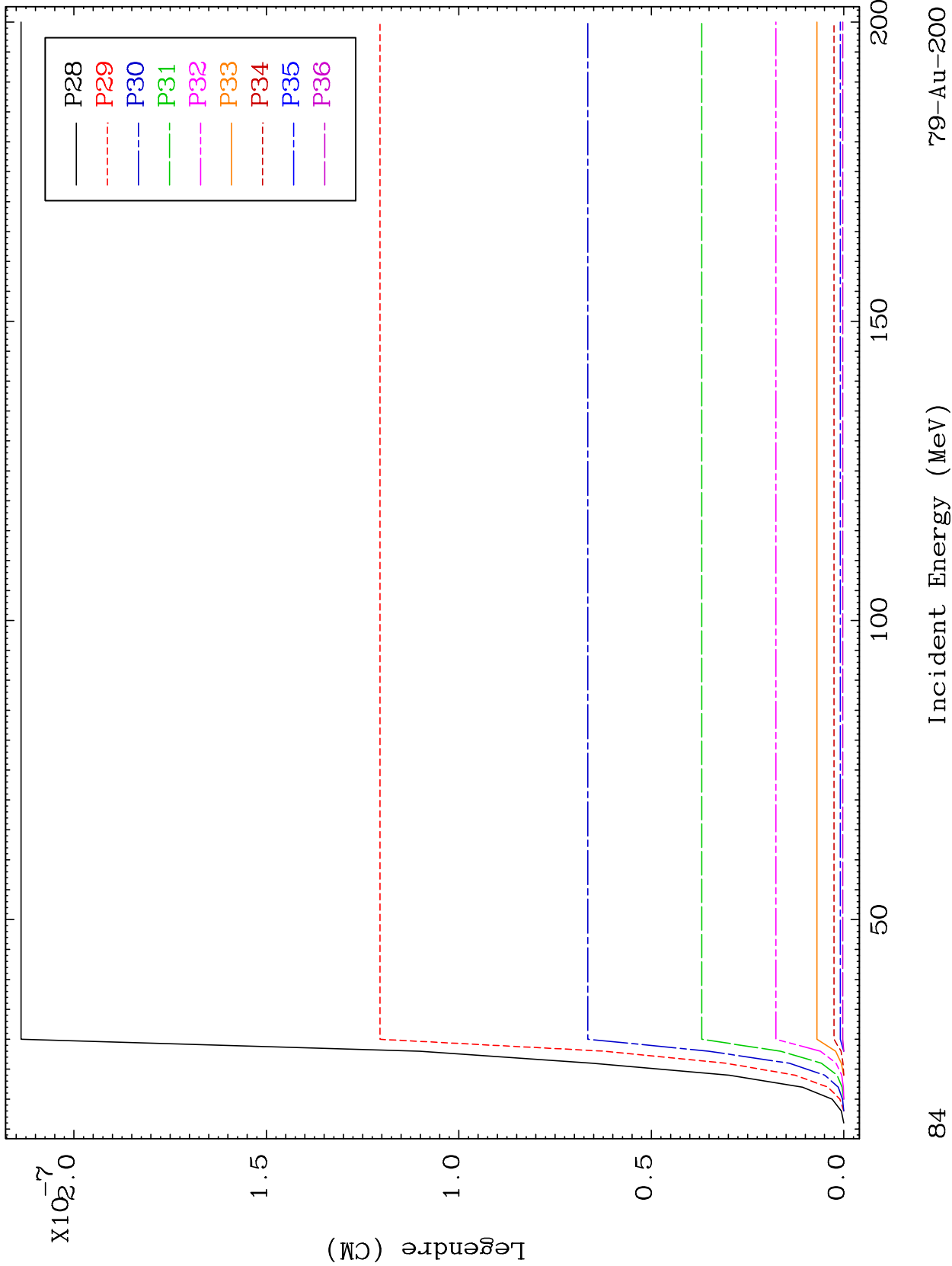
79-Au-200



MAT 7934

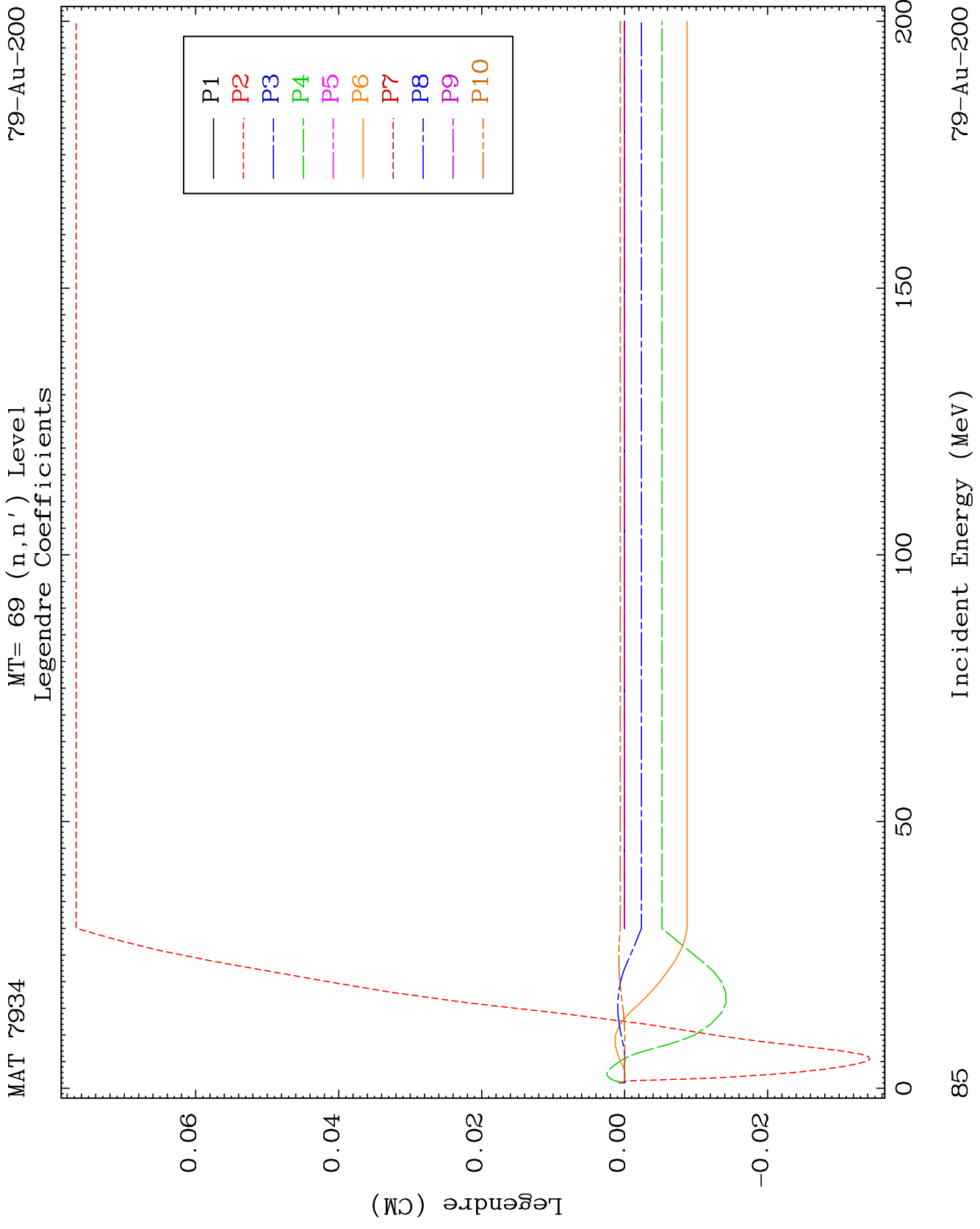
MT= 68 (n,n') Level  
Legendre Coefficients

79-Au-200



84

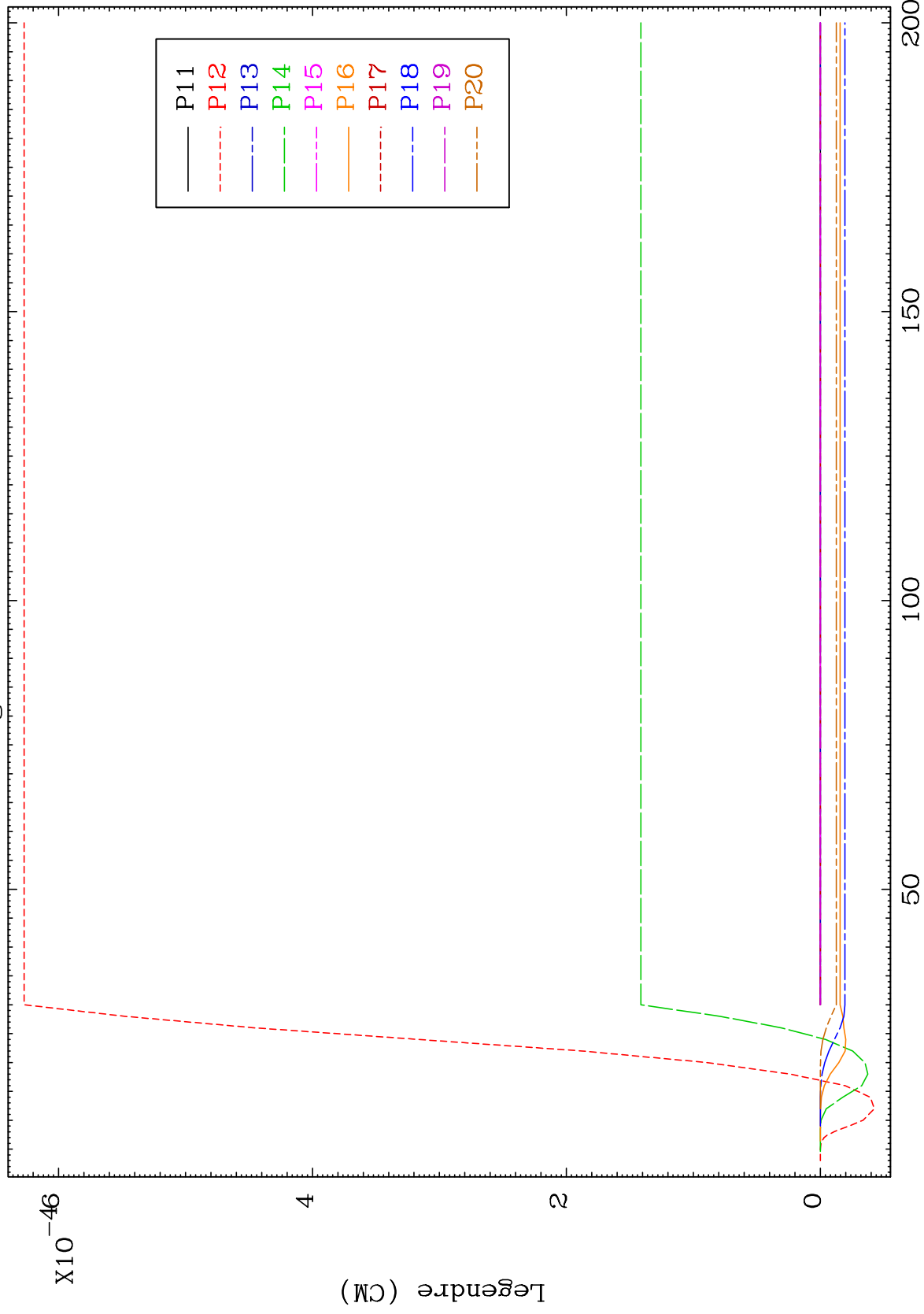
79-Au-200



MAT 7934

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

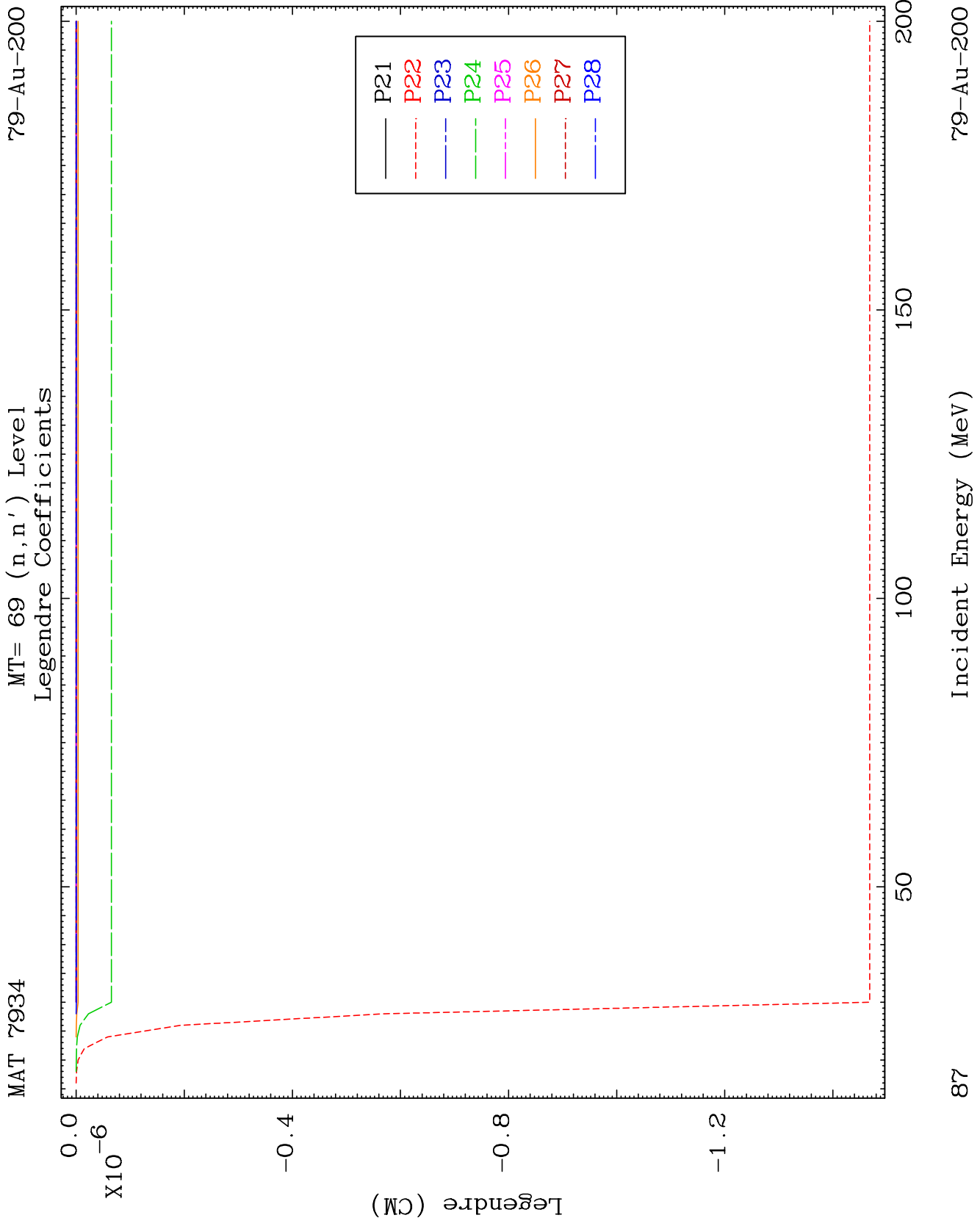
79-Au-200



86

Incident Energy (MeV)

79-Au-200

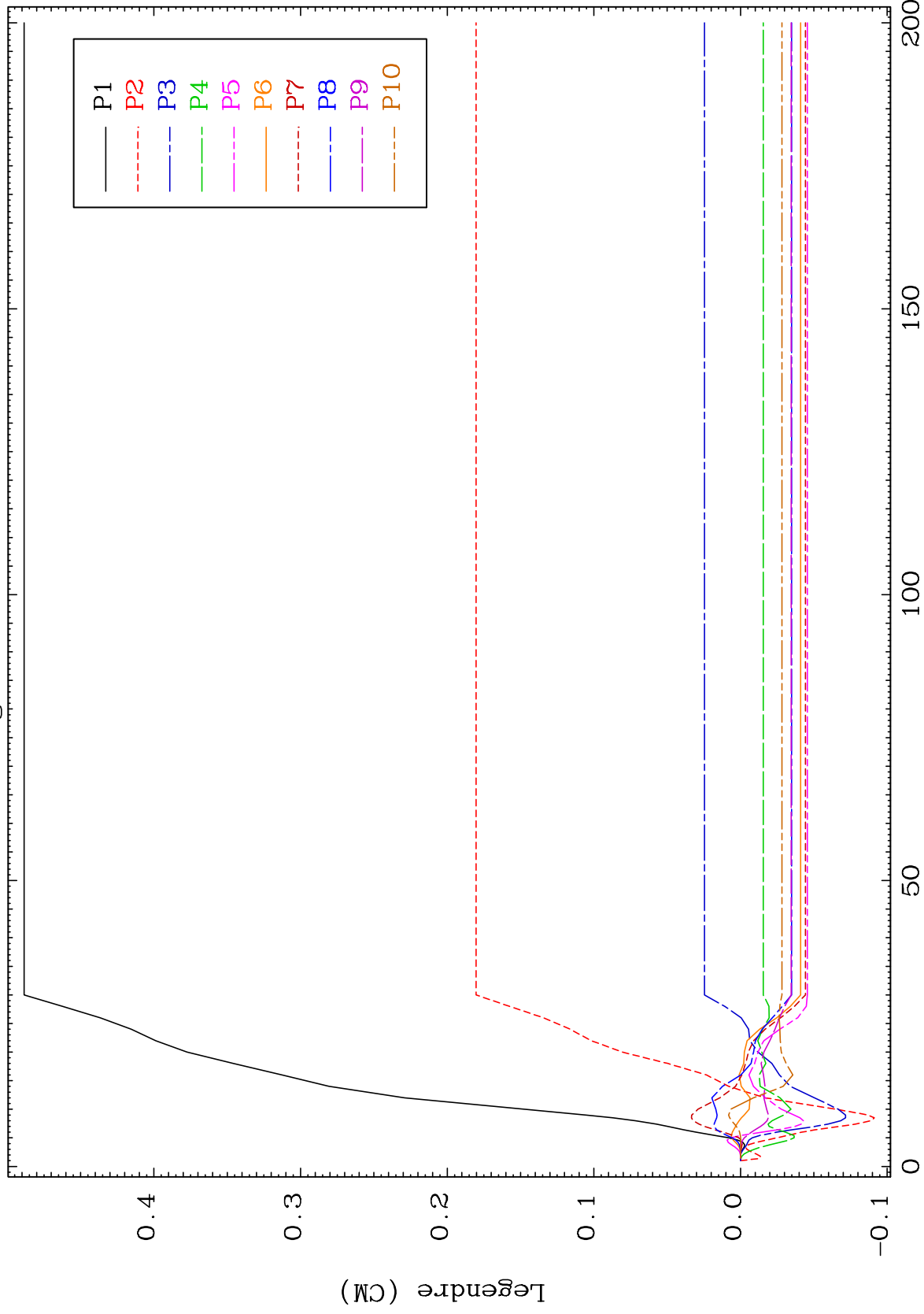




MAT 7934

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

79-Au-200



88

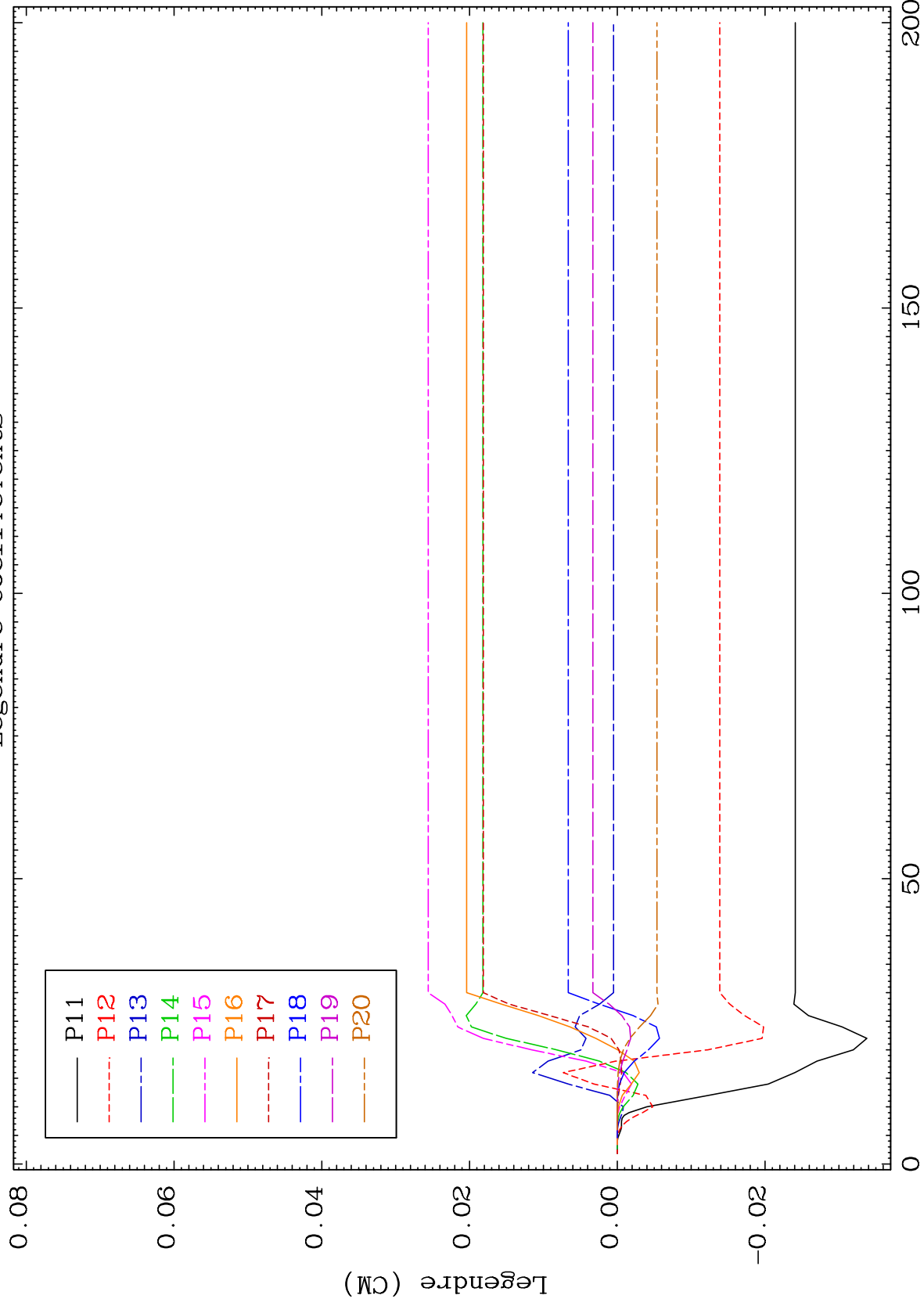
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



89

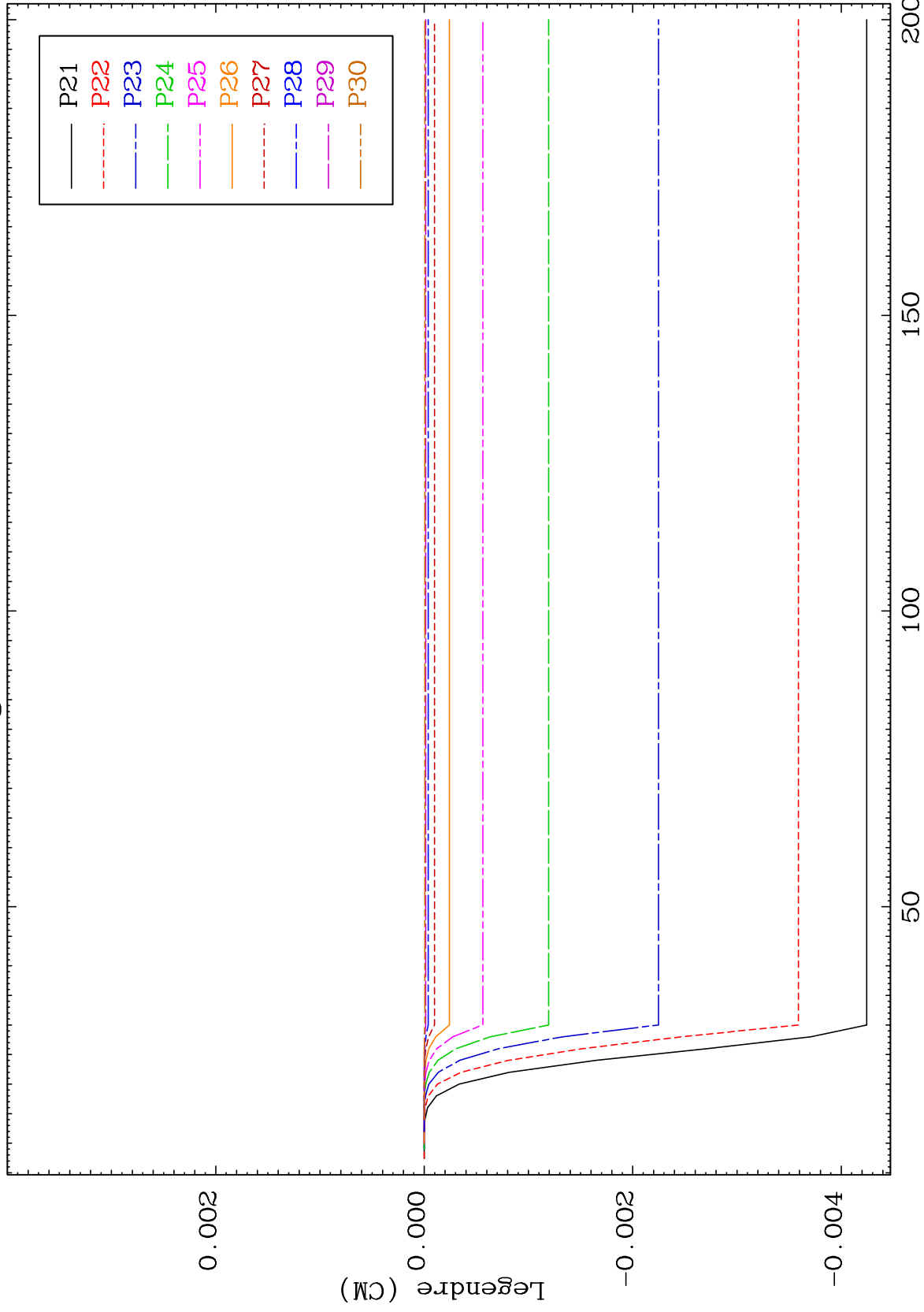
Incident Energy (MeV)

79-Au-200

MAT 7934

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

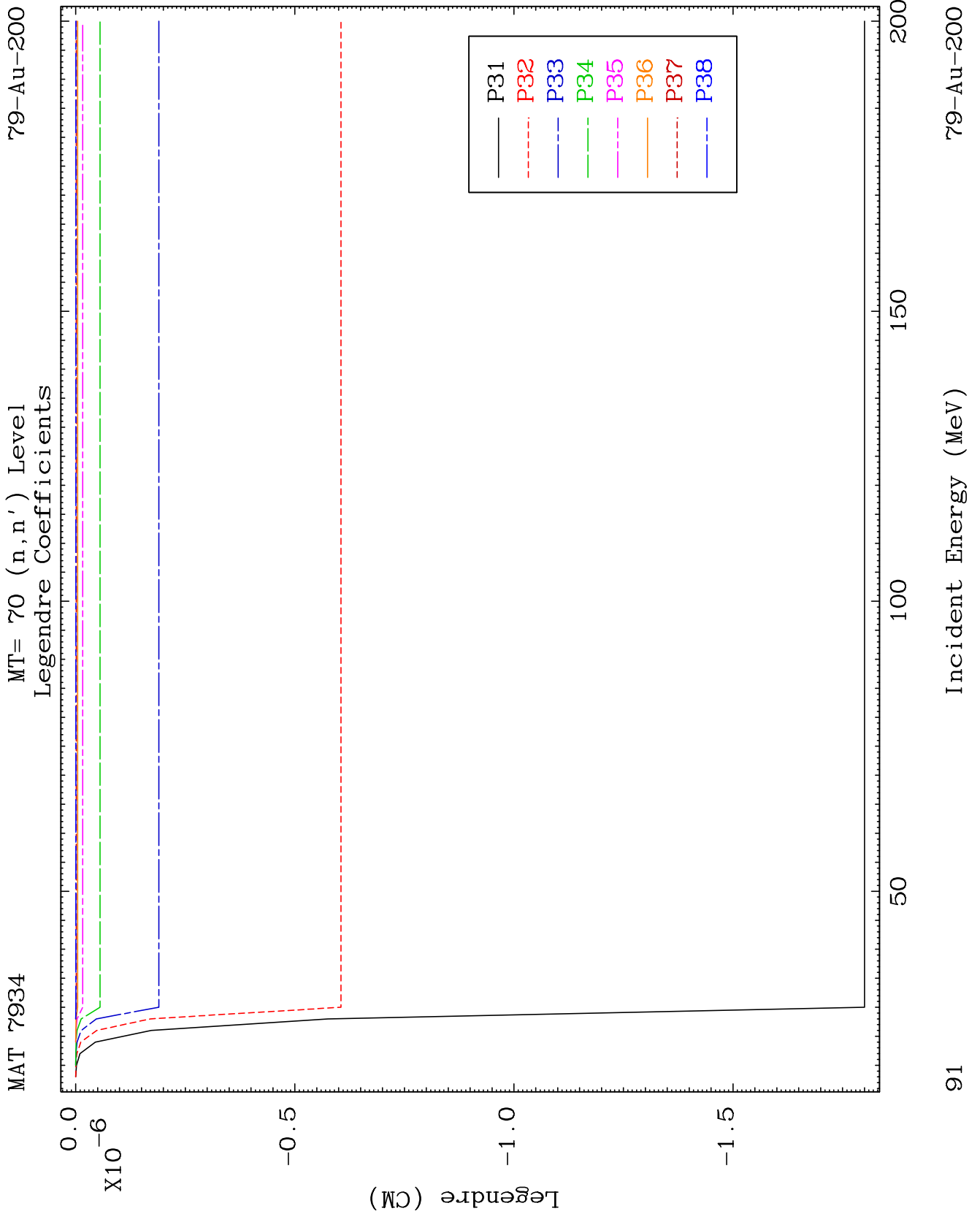
79-Au-200

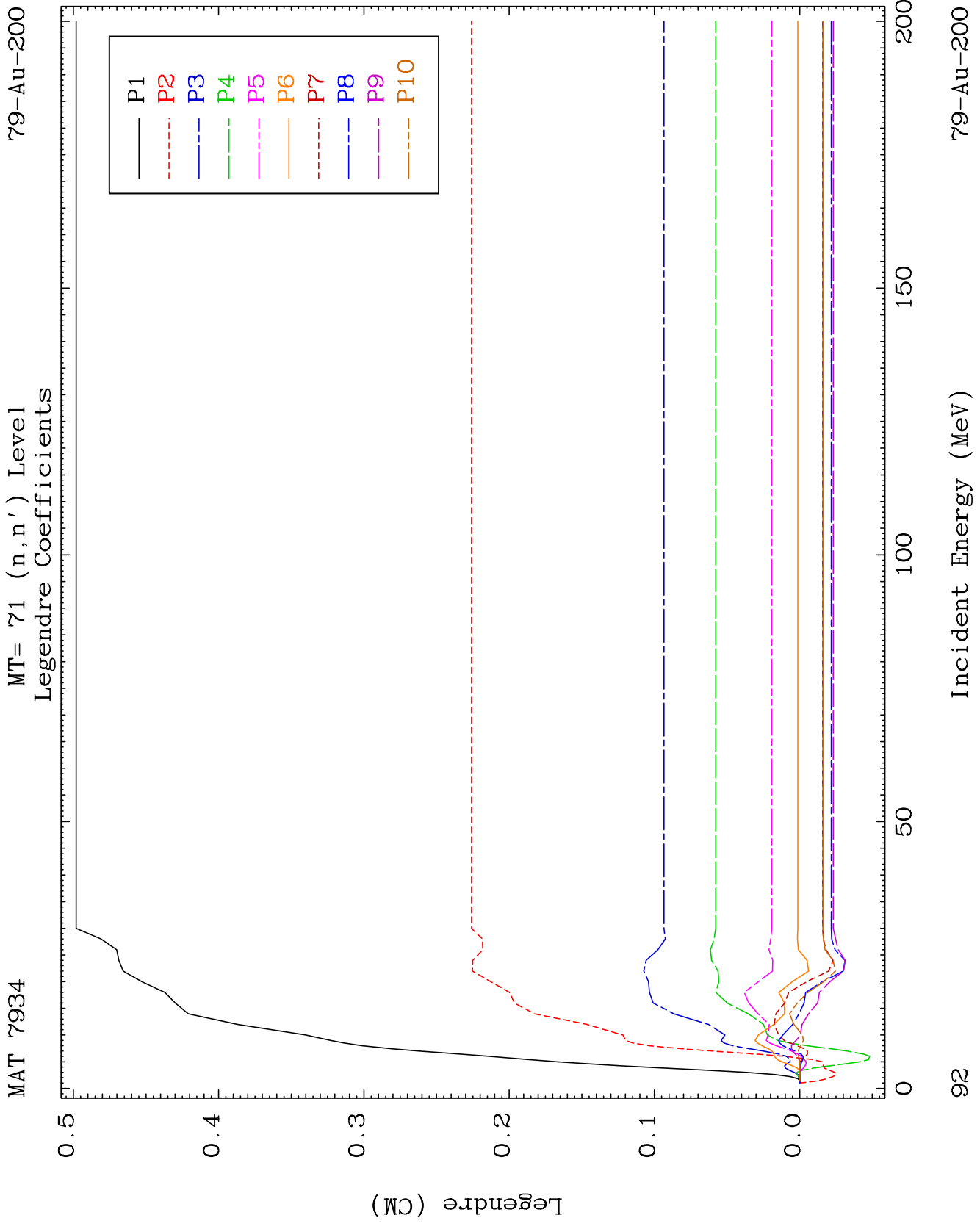


90

Incident Energy (MeV)

79-Au-200

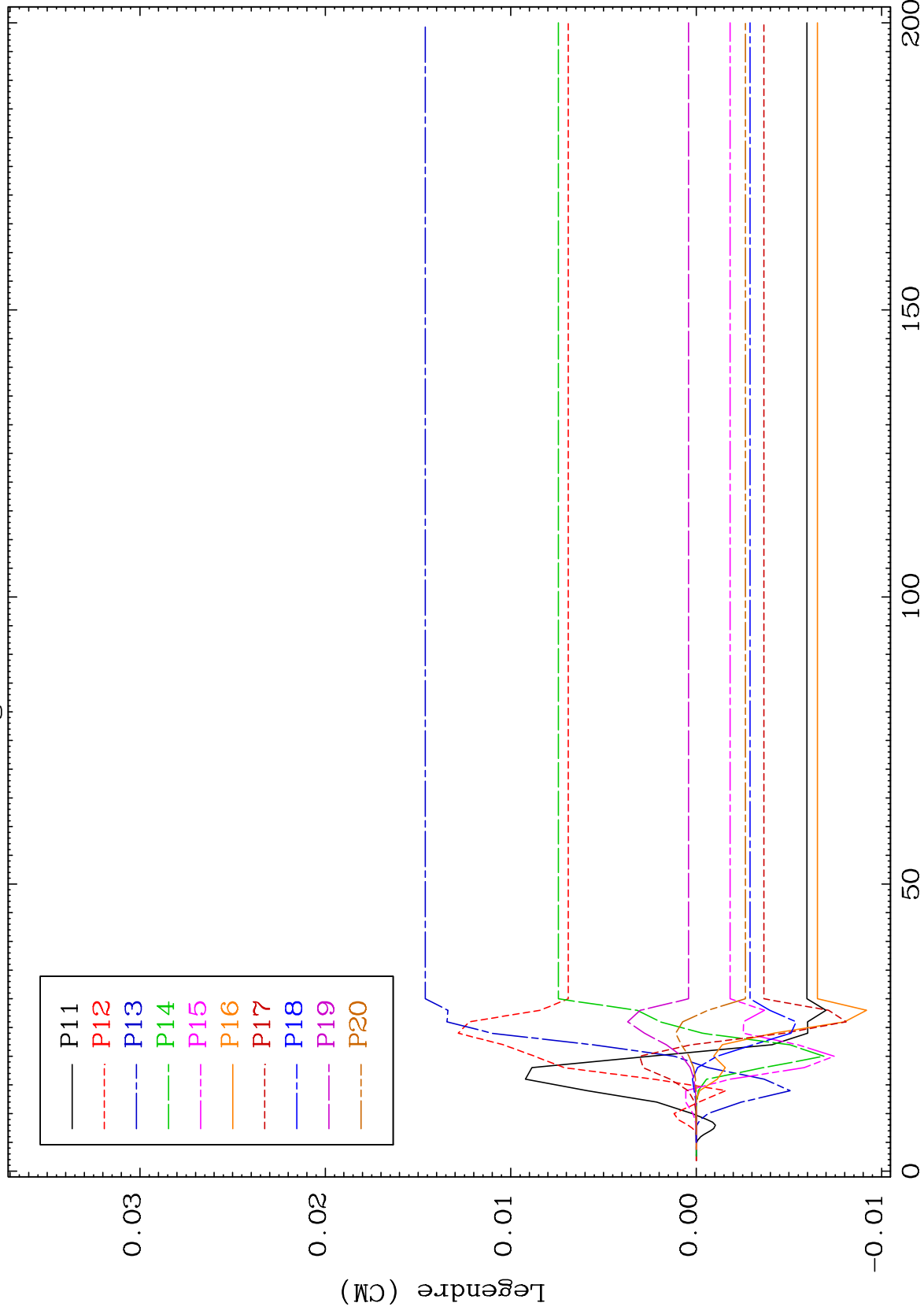




MAT 7934

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

79-Au-200



93

Incident Energy (MeV)

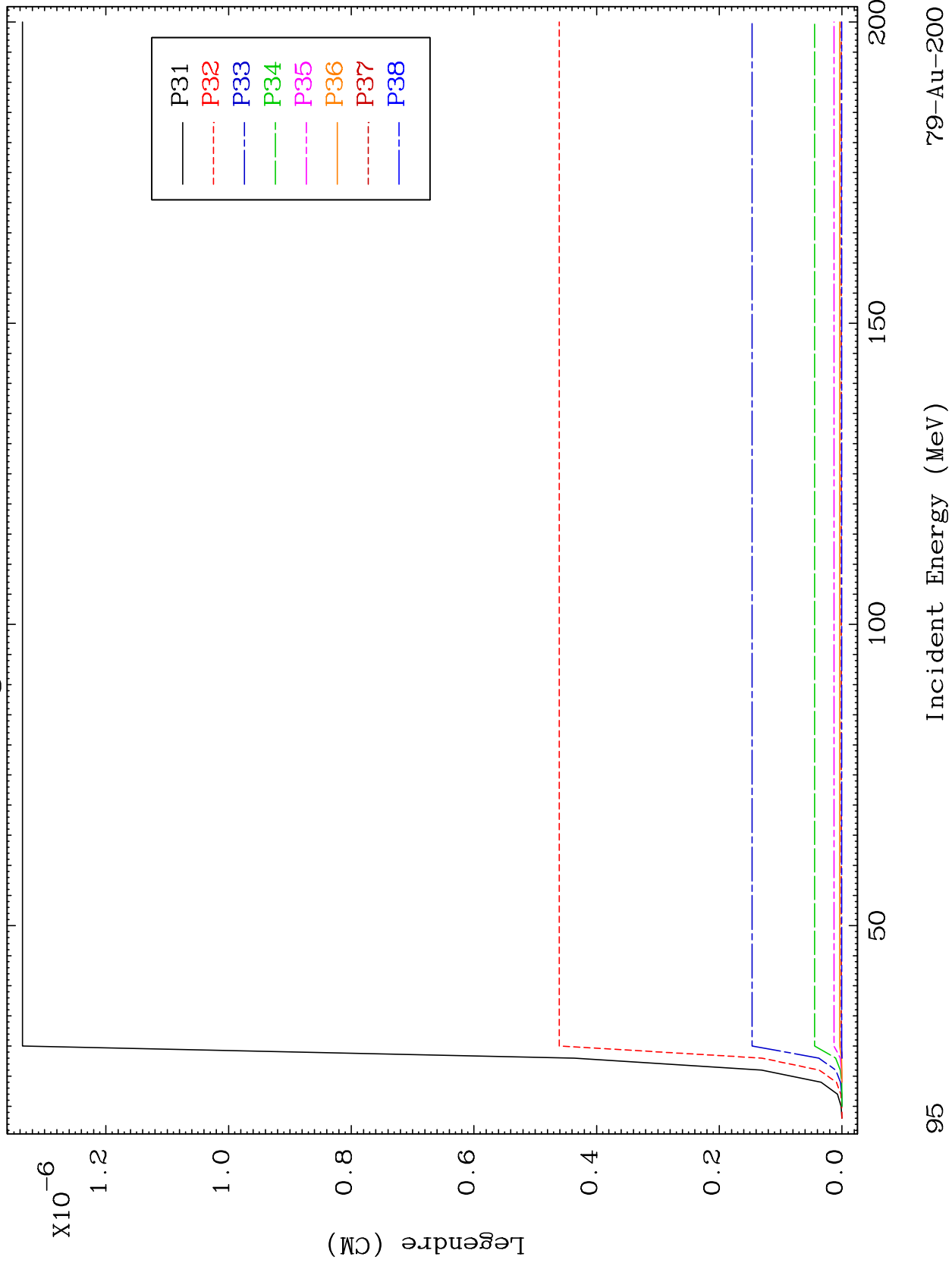
79-Au-200



MAT 7934

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

79-Au-200



95

Incident Energy (MeV)

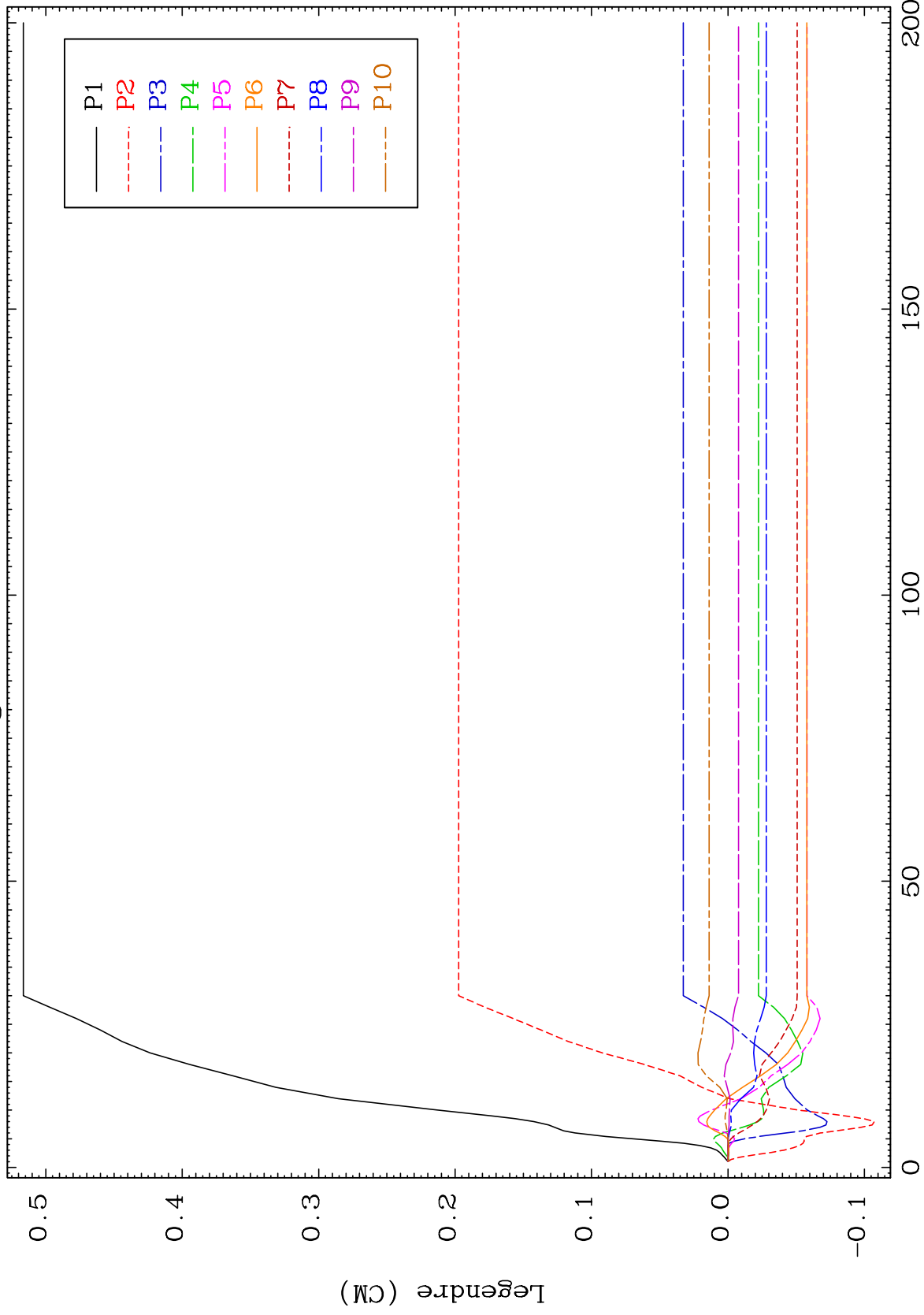
79-Au-200



MAT 7934

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

79-Au-200



96

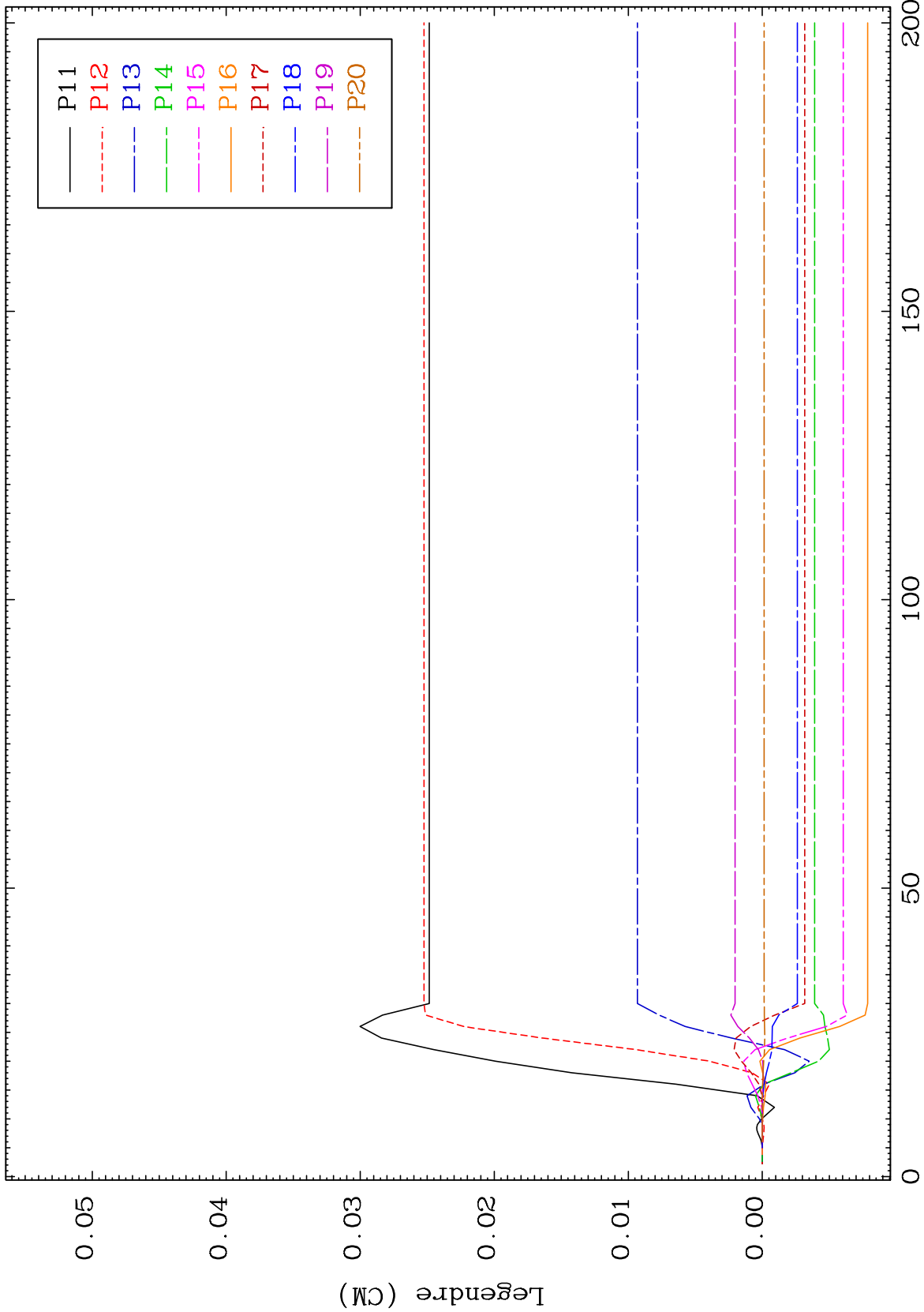
Incident Energy (MeV)

79-Au-200

MAT 7934

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

79-Au-200



97

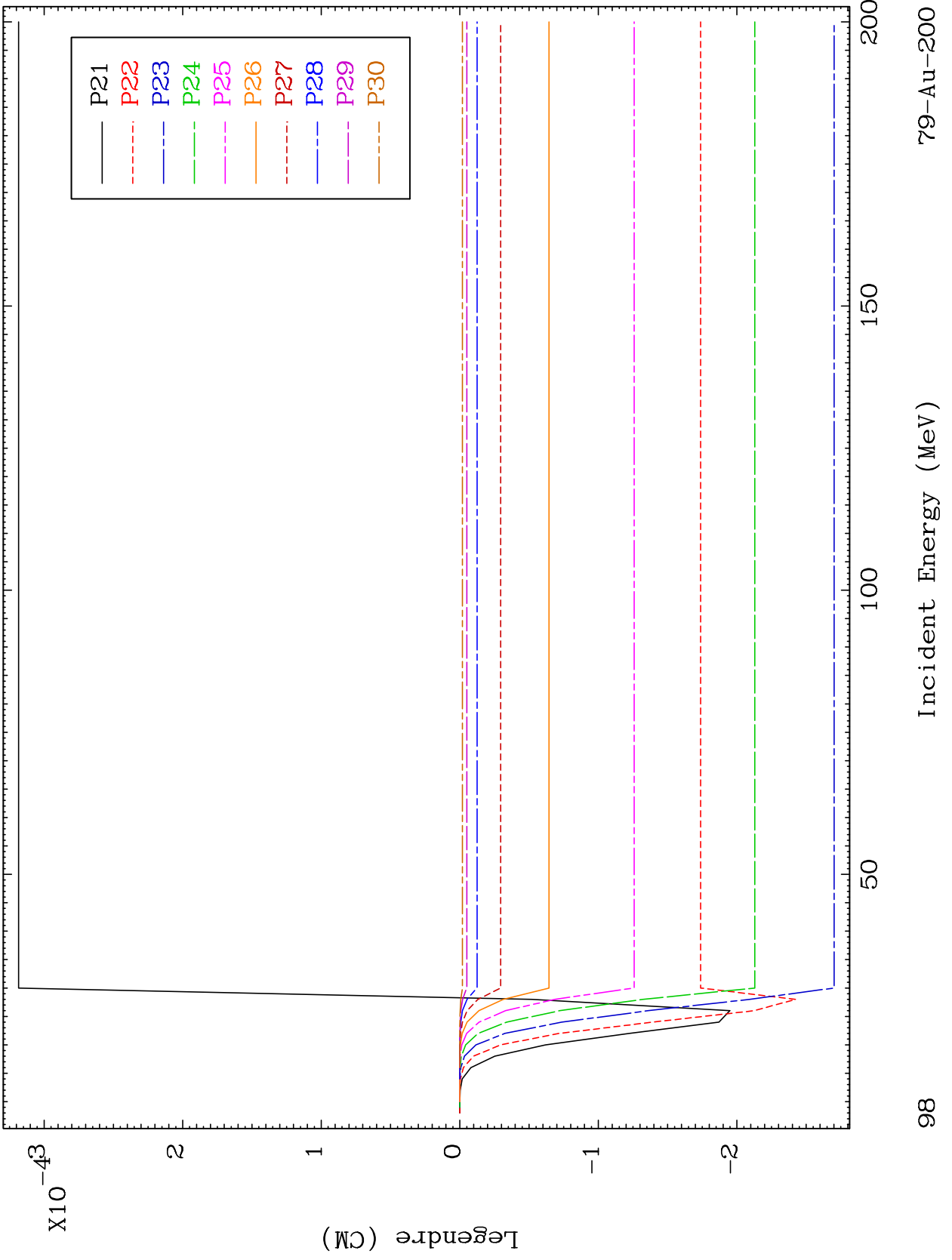
Incident Energy (MeV)

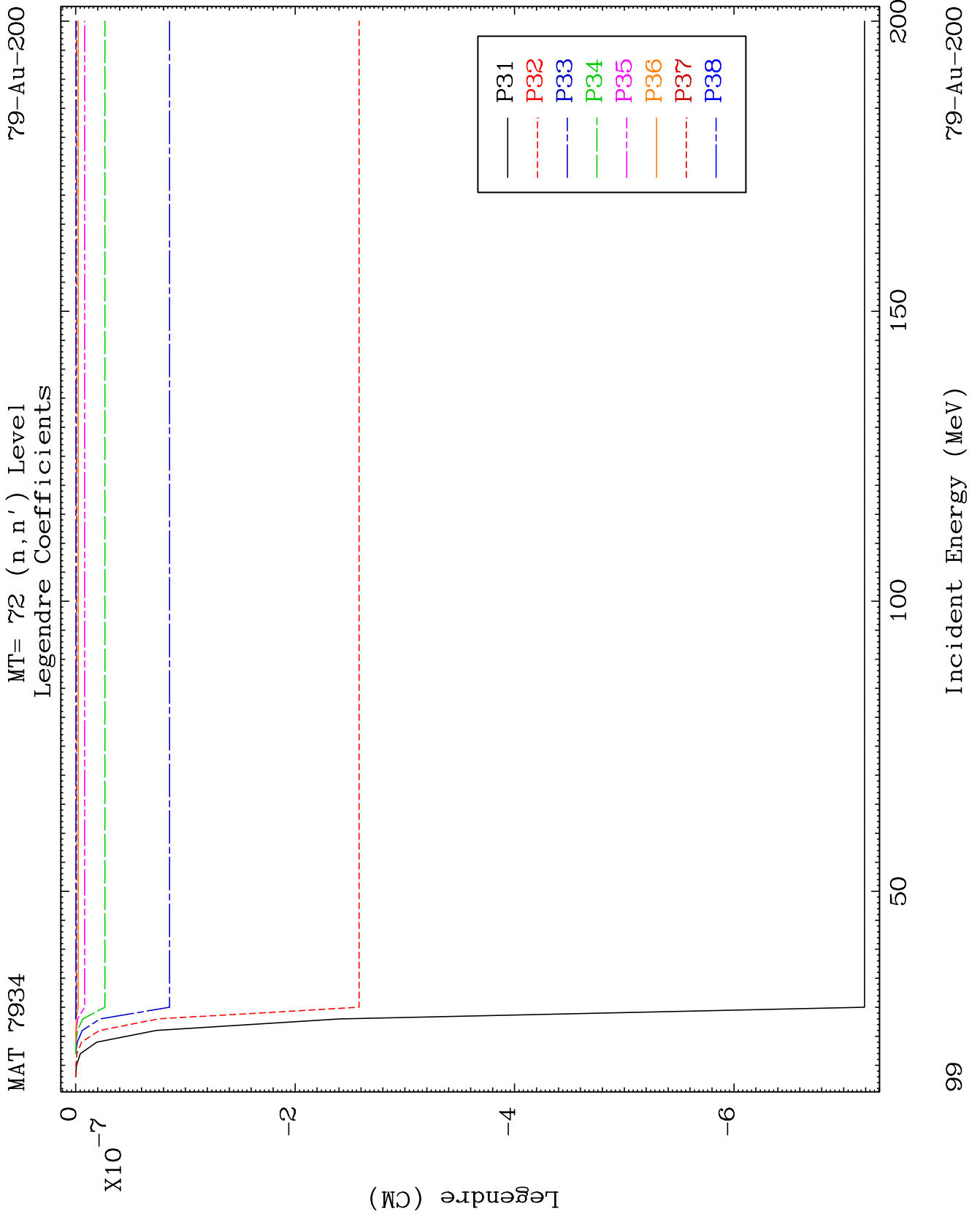
79-Au-200

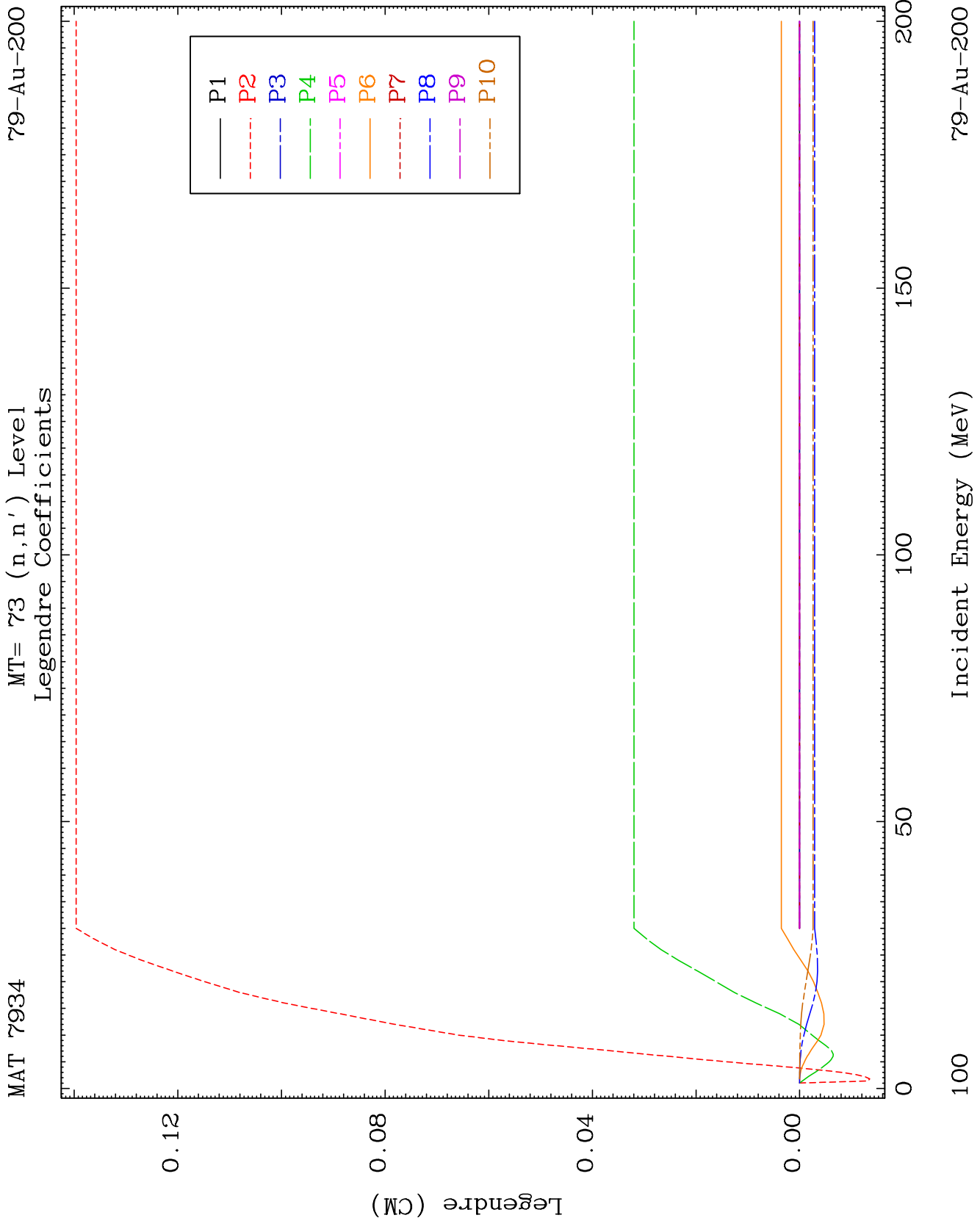
MAT 7934

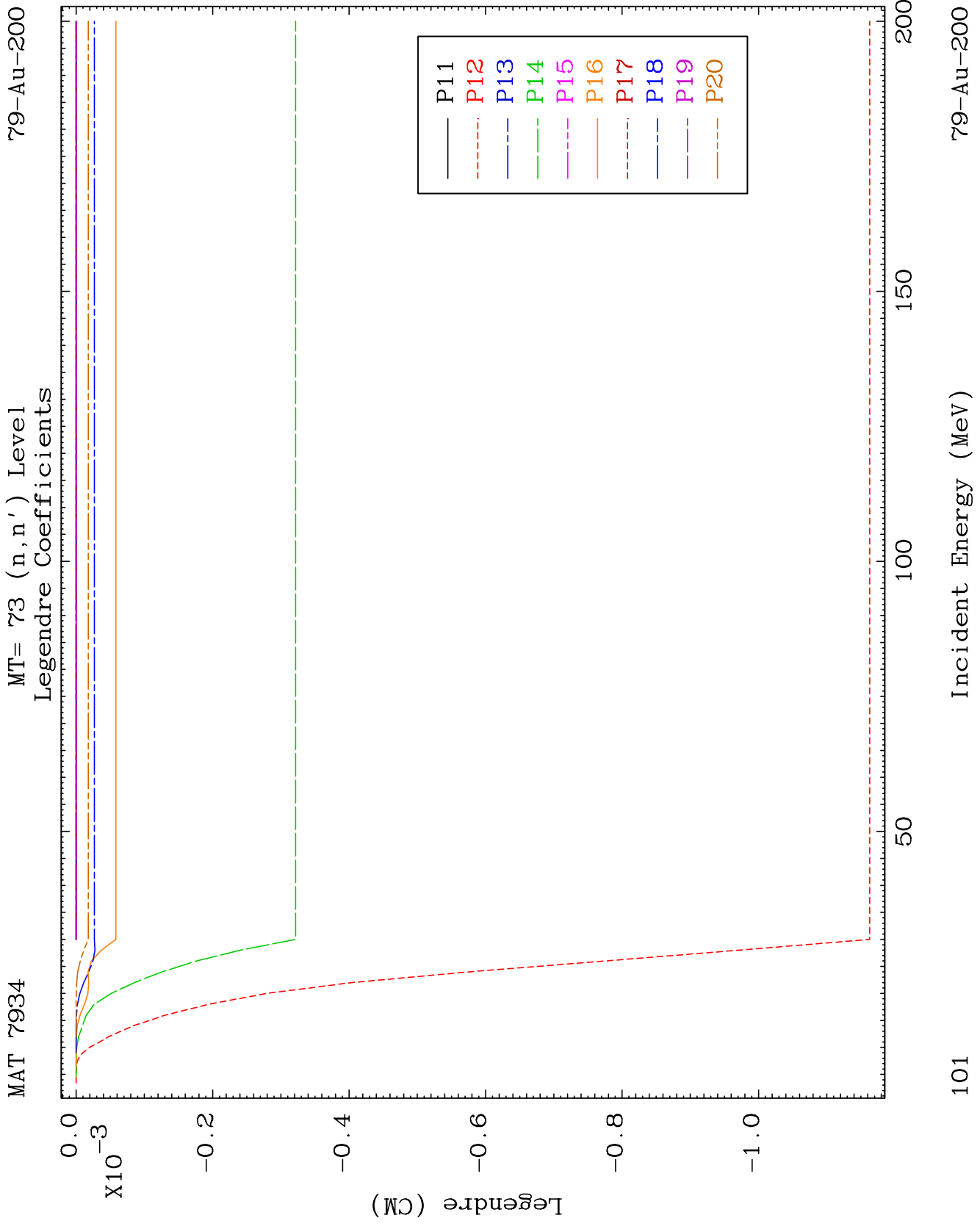
MT= 72 (n,n') Level  
Legendre Coefficients

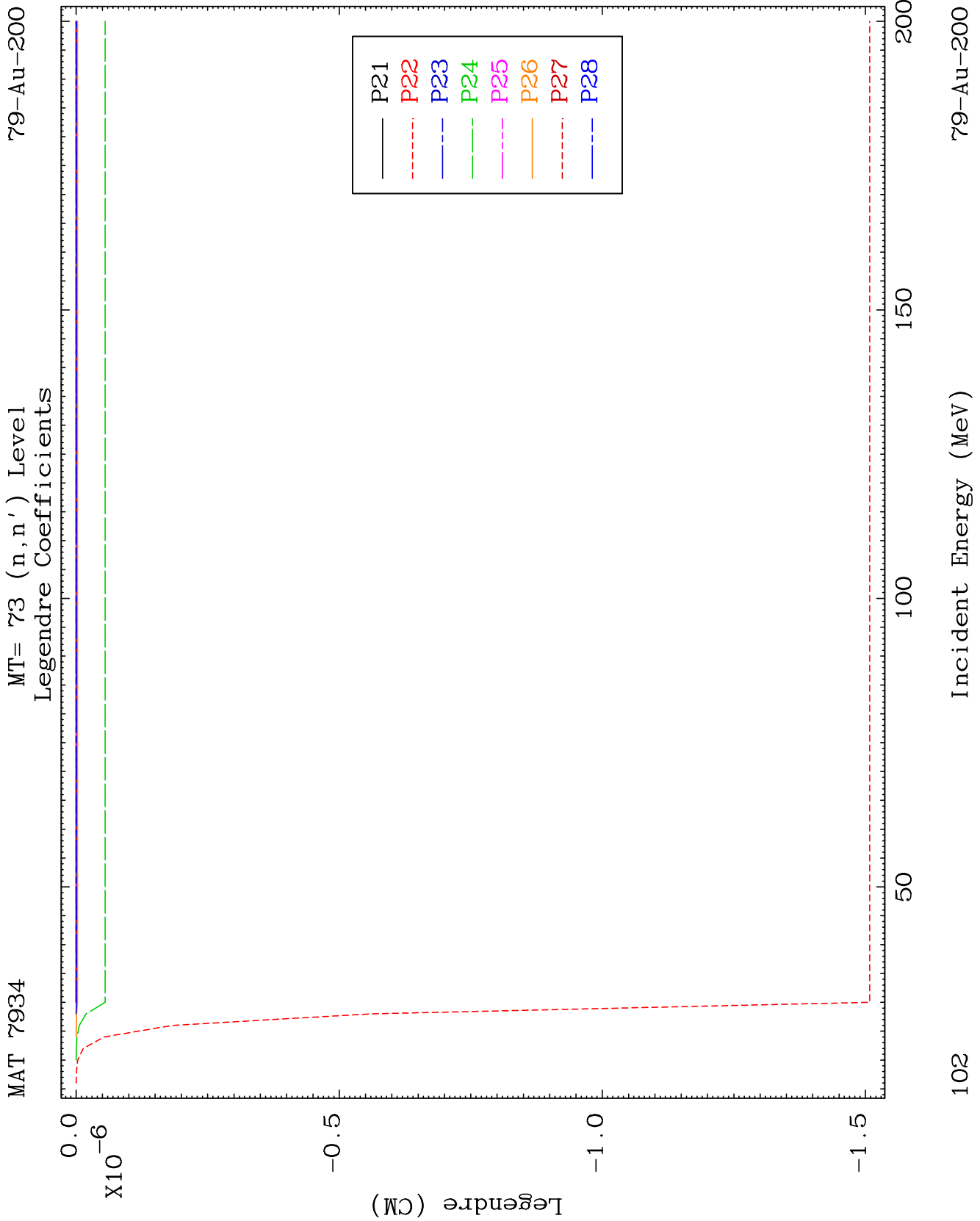
79-Au-200

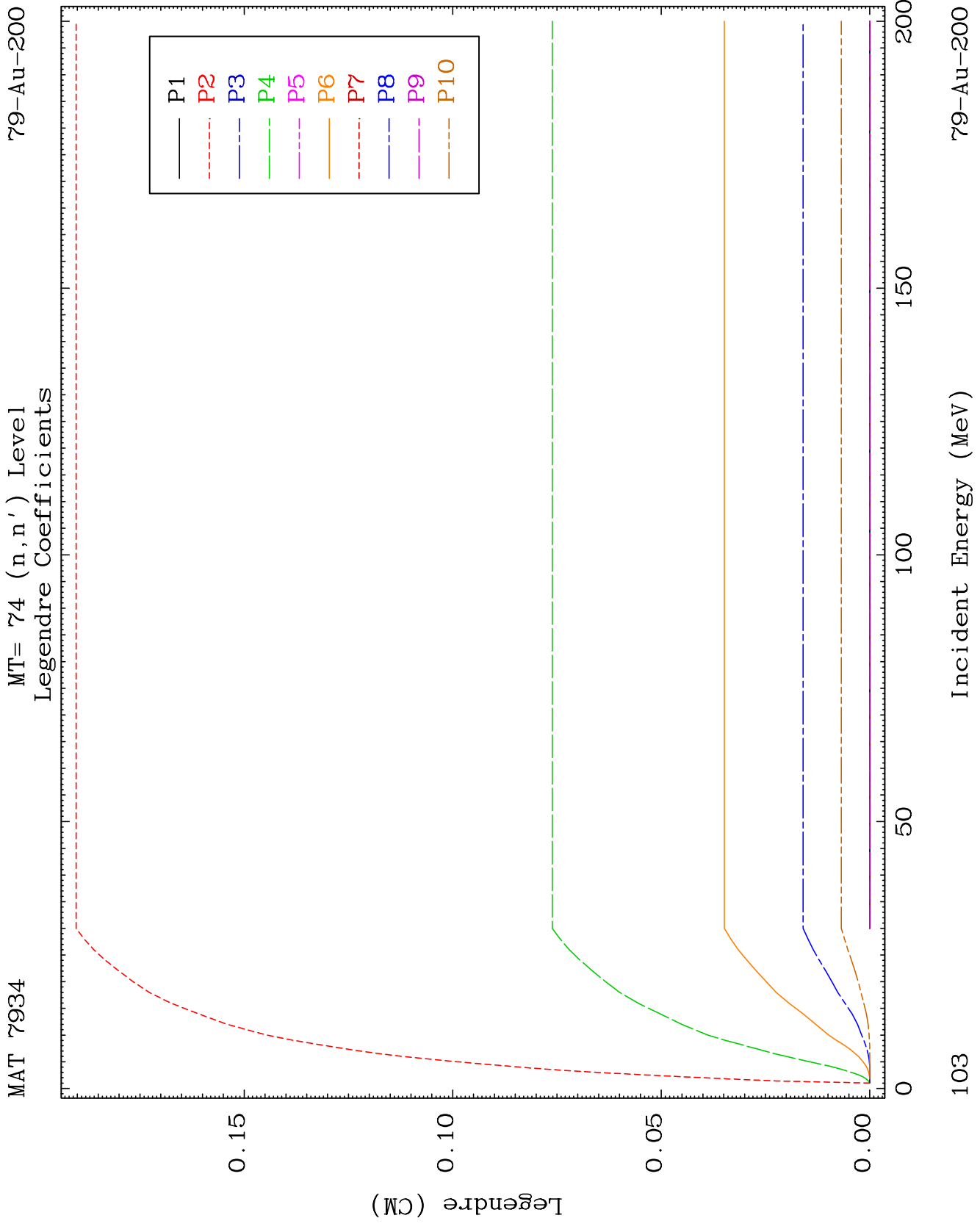




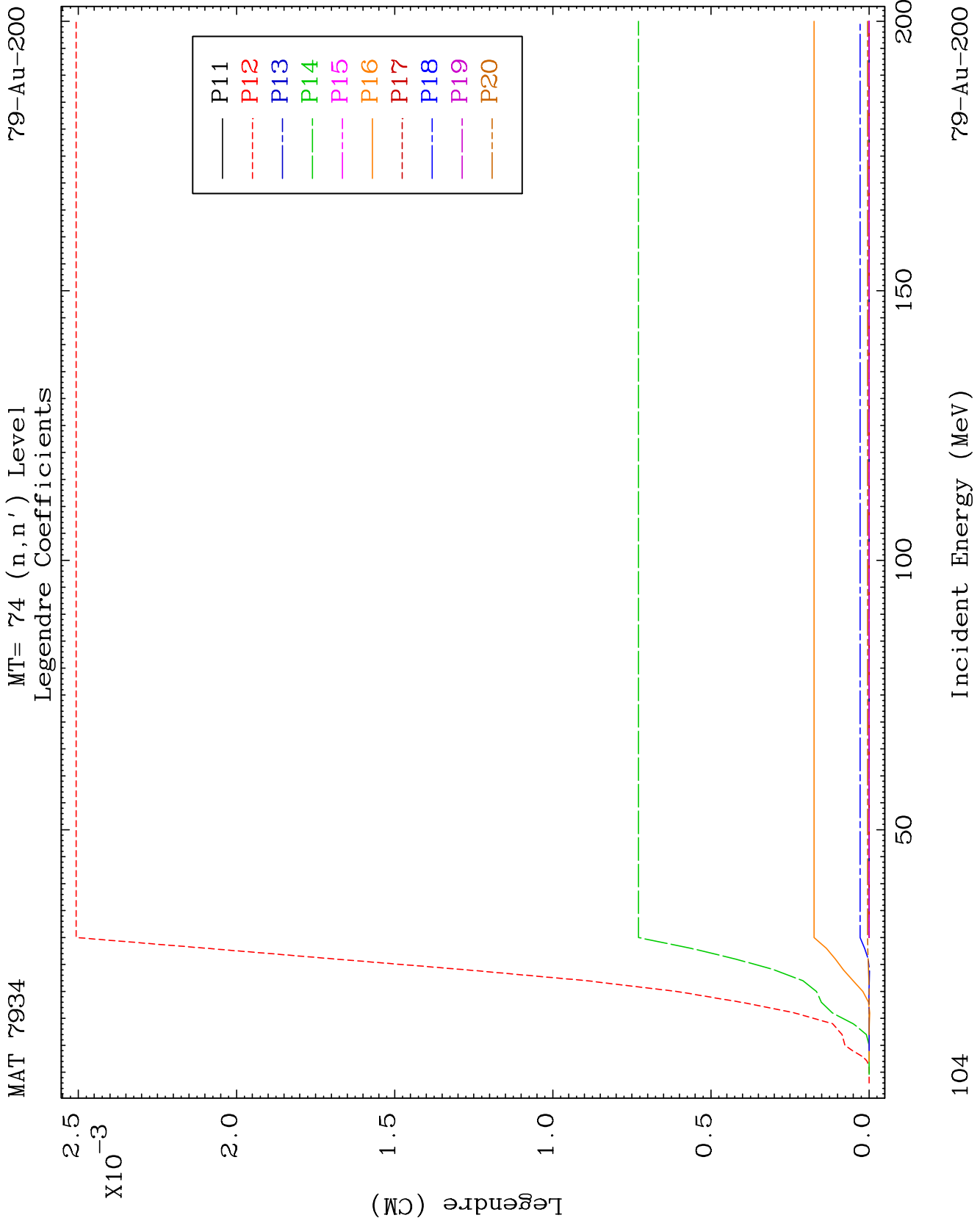












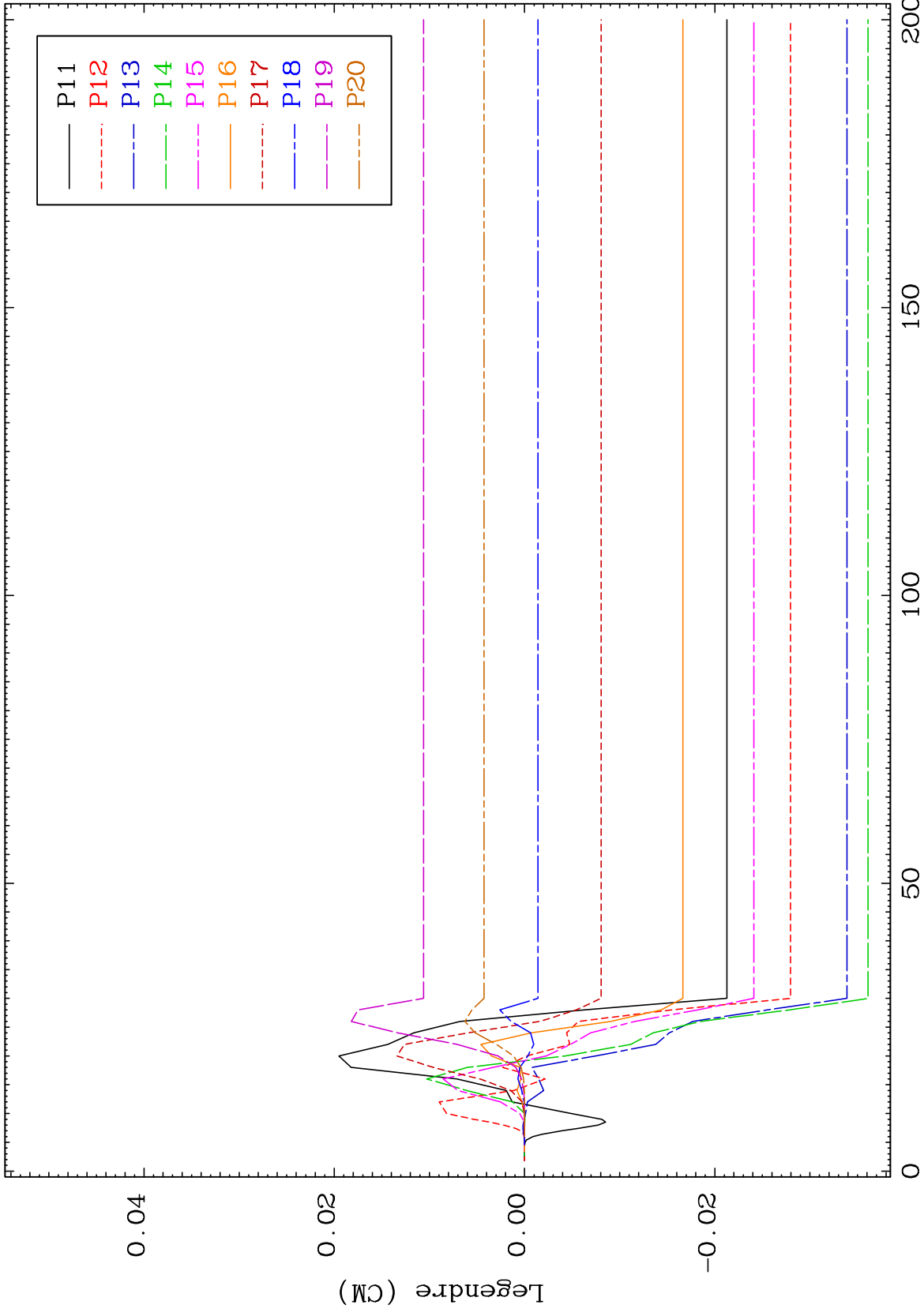




MAT 7934

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

79-Au-200



107

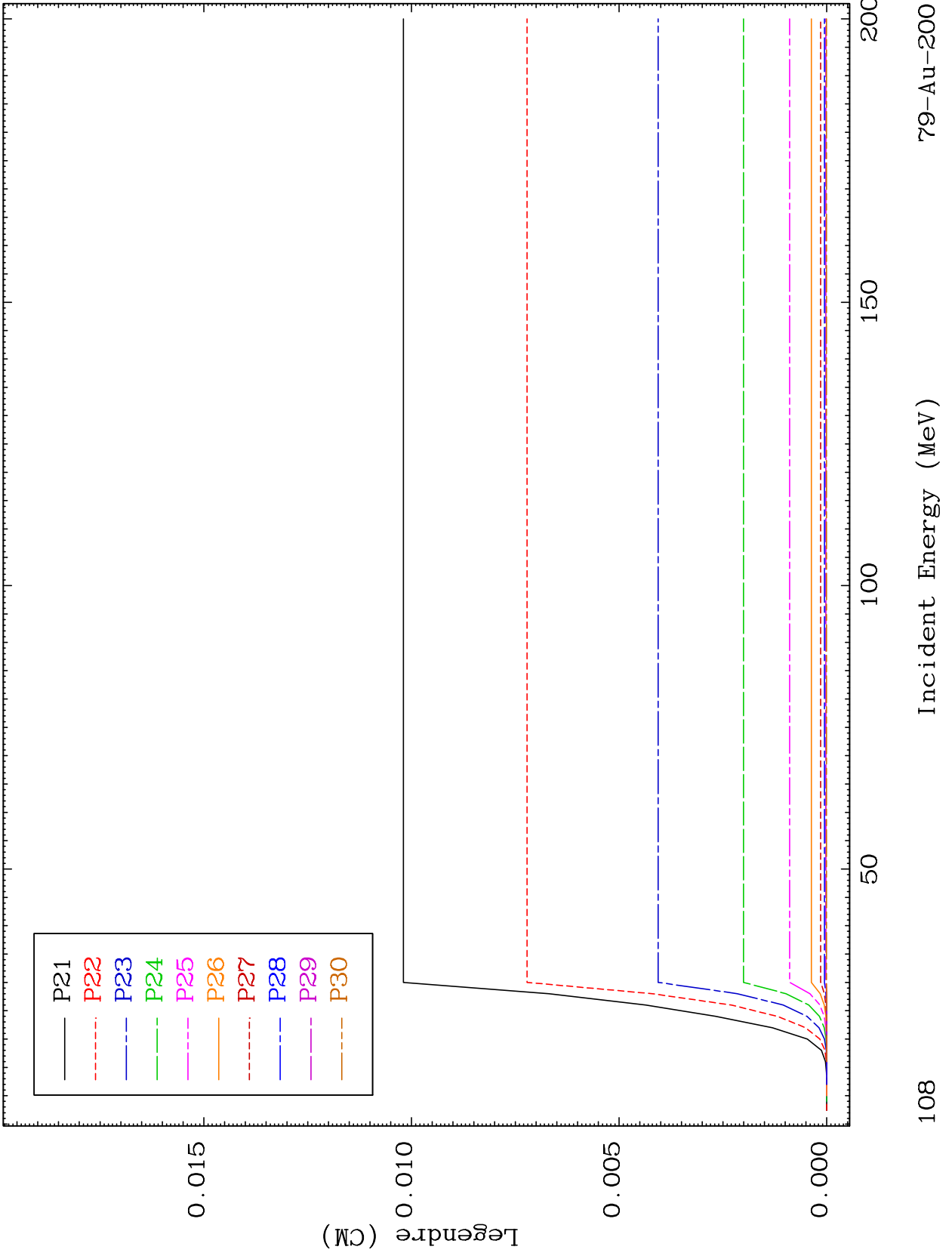
Incident Energy (MeV)

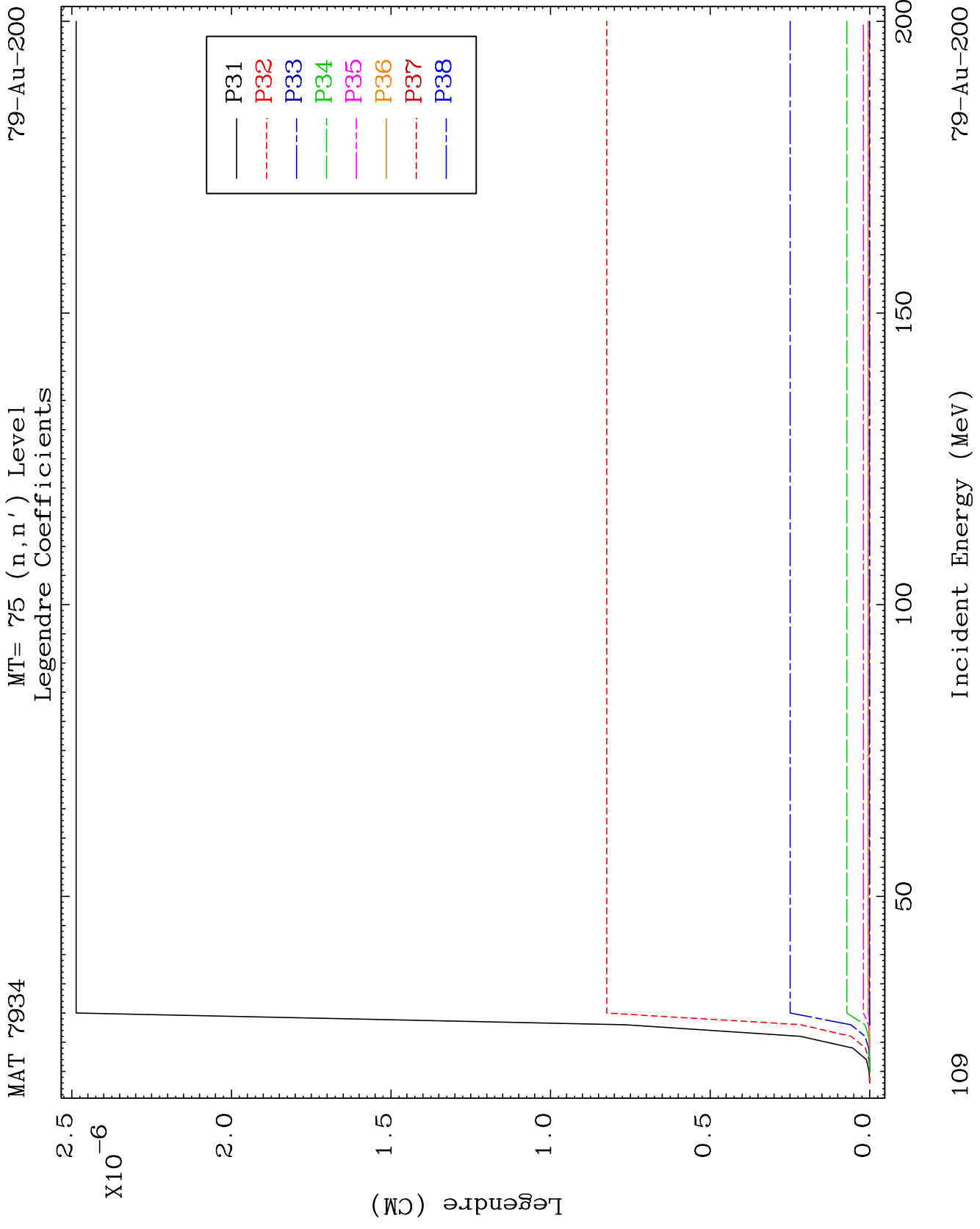
79-Au-200

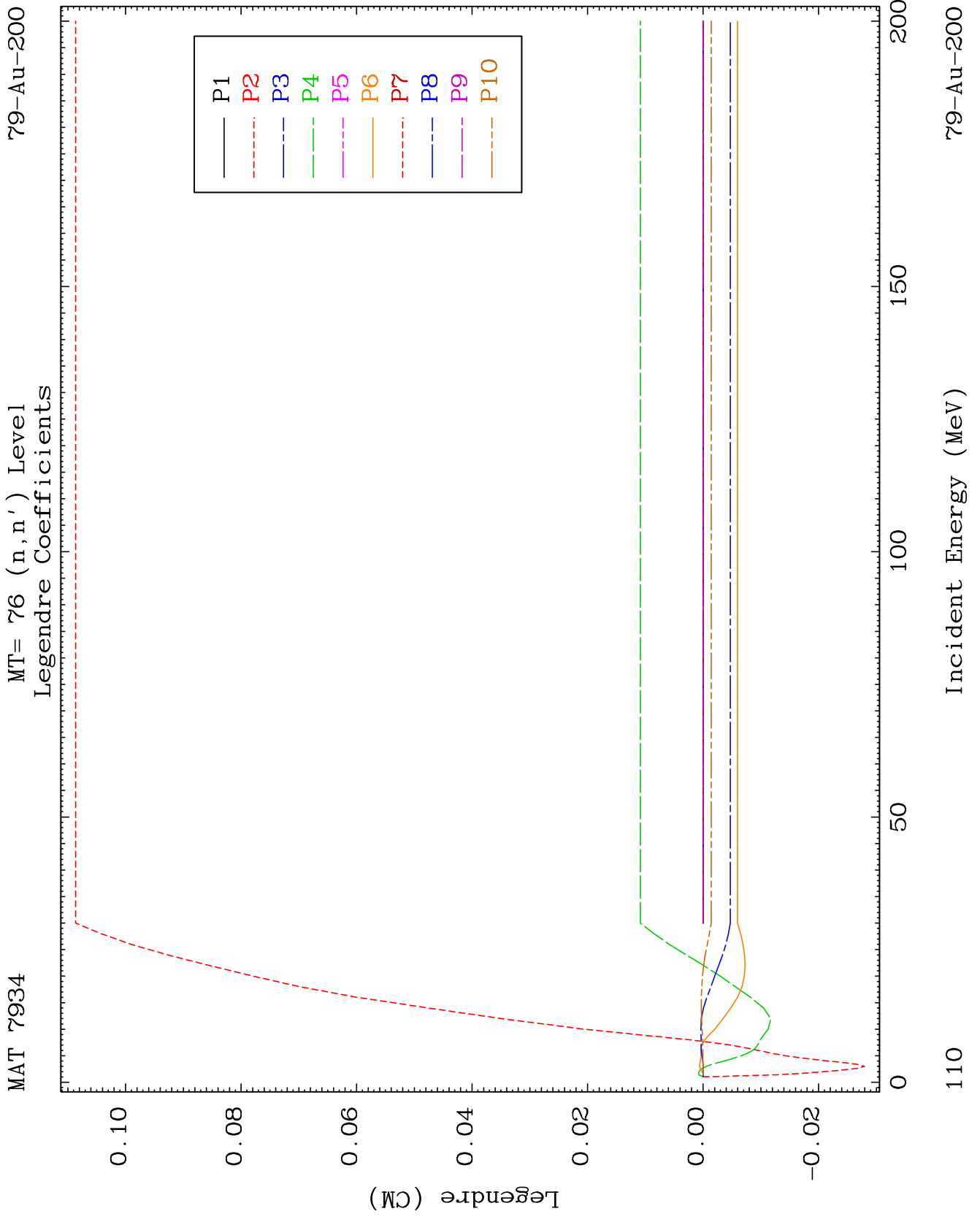
MAT 7934

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

79-Au-200



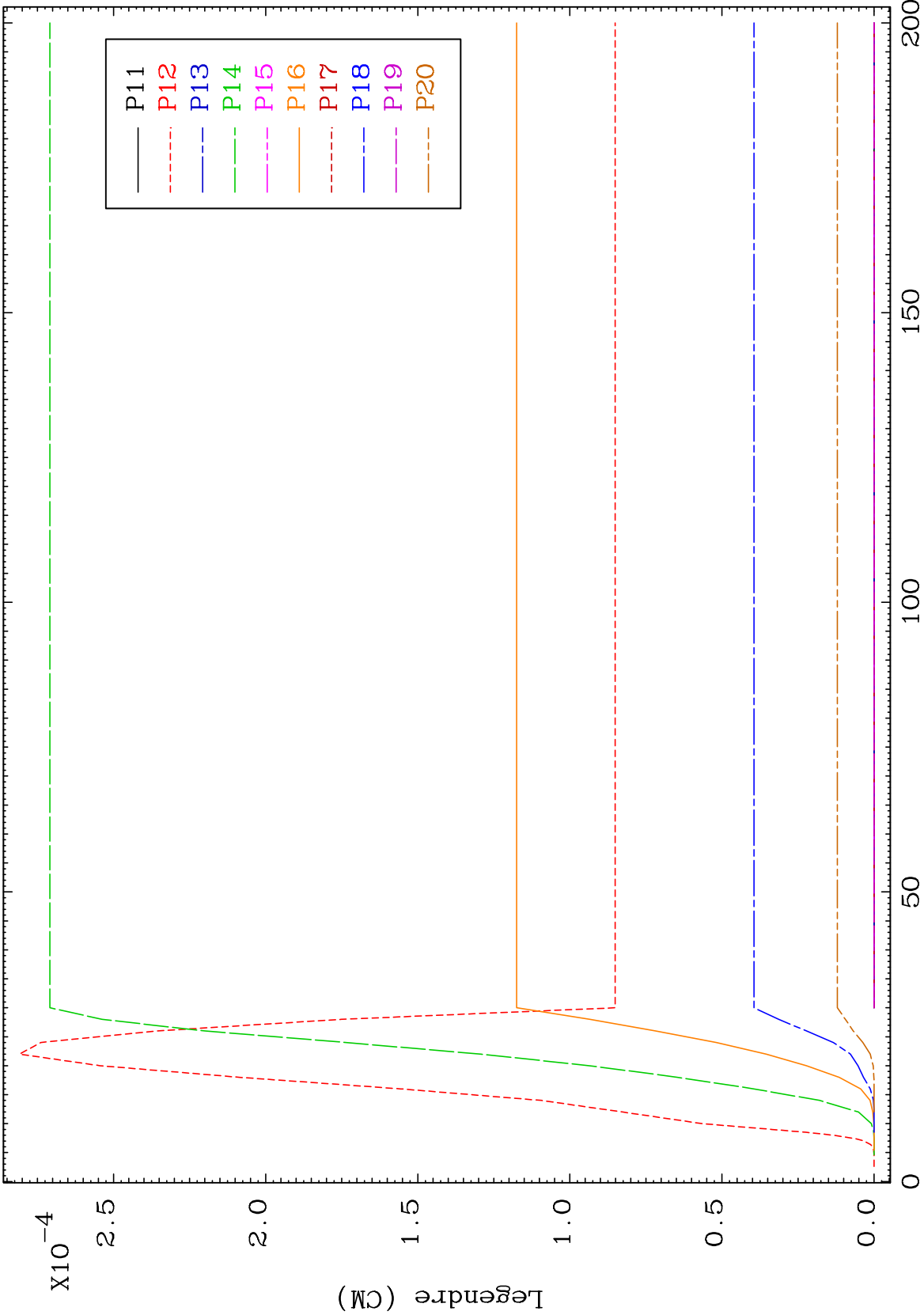




MAT 7934

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

79-Au-200

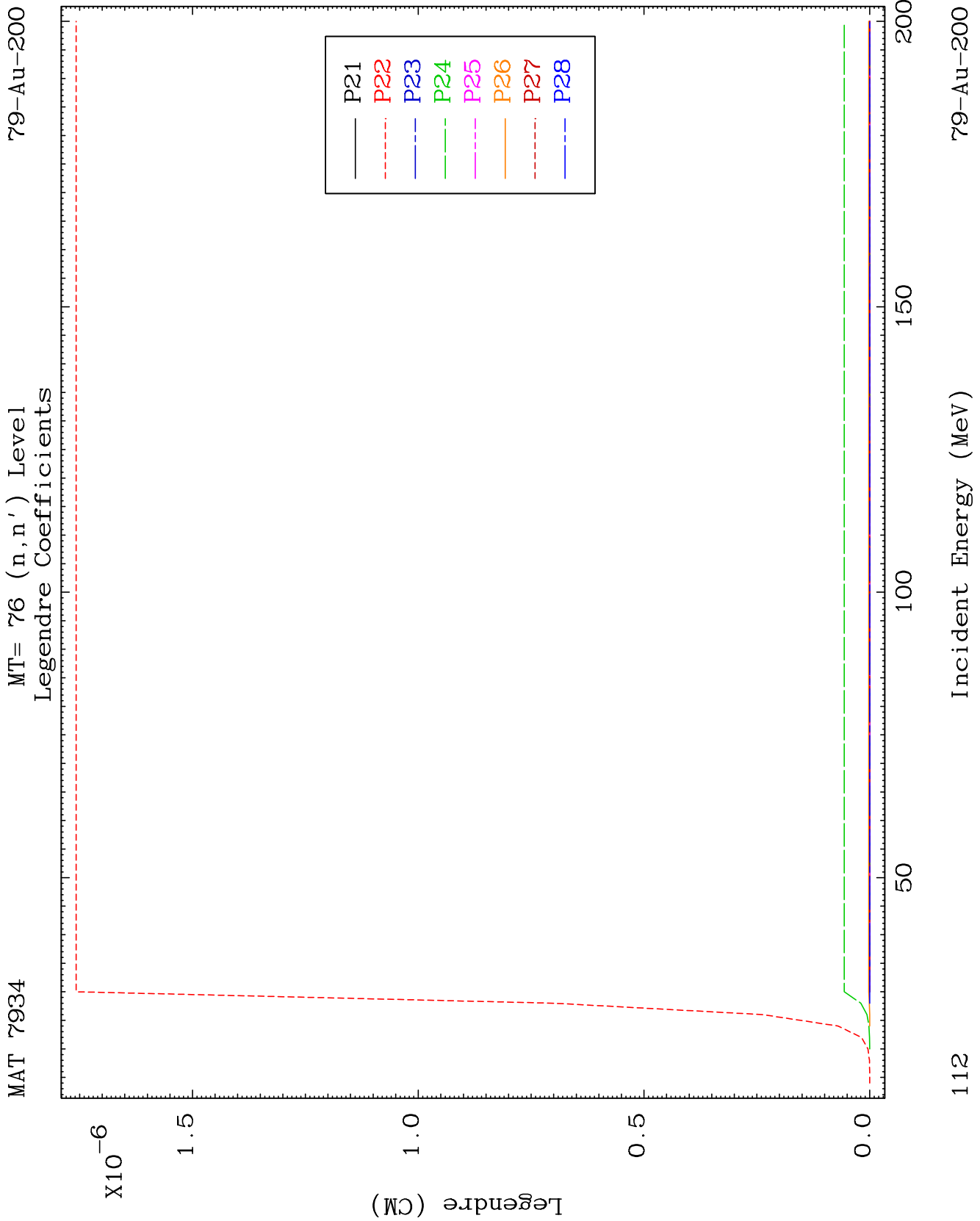


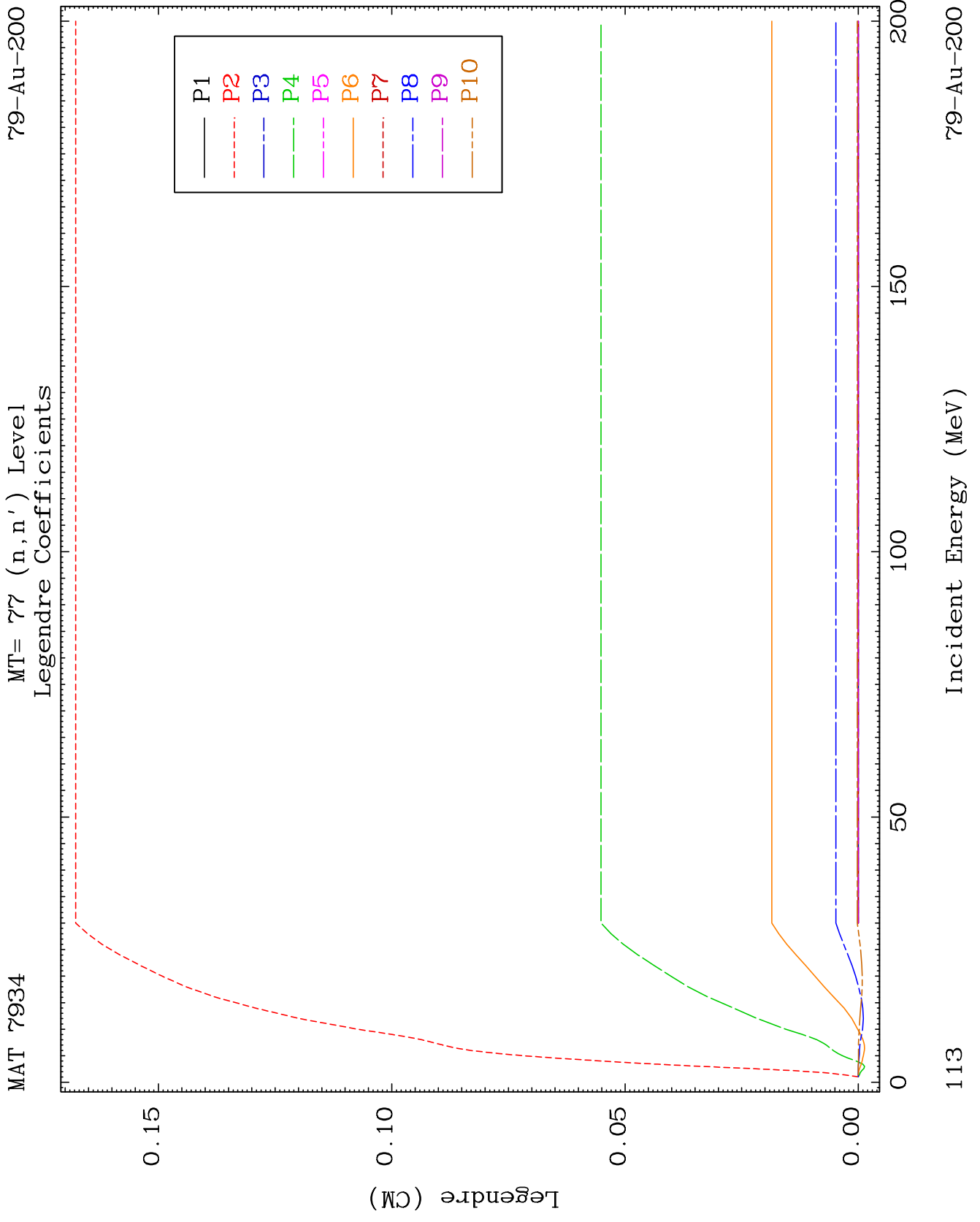
111

Incident Energy (MeV)

79-Au-200



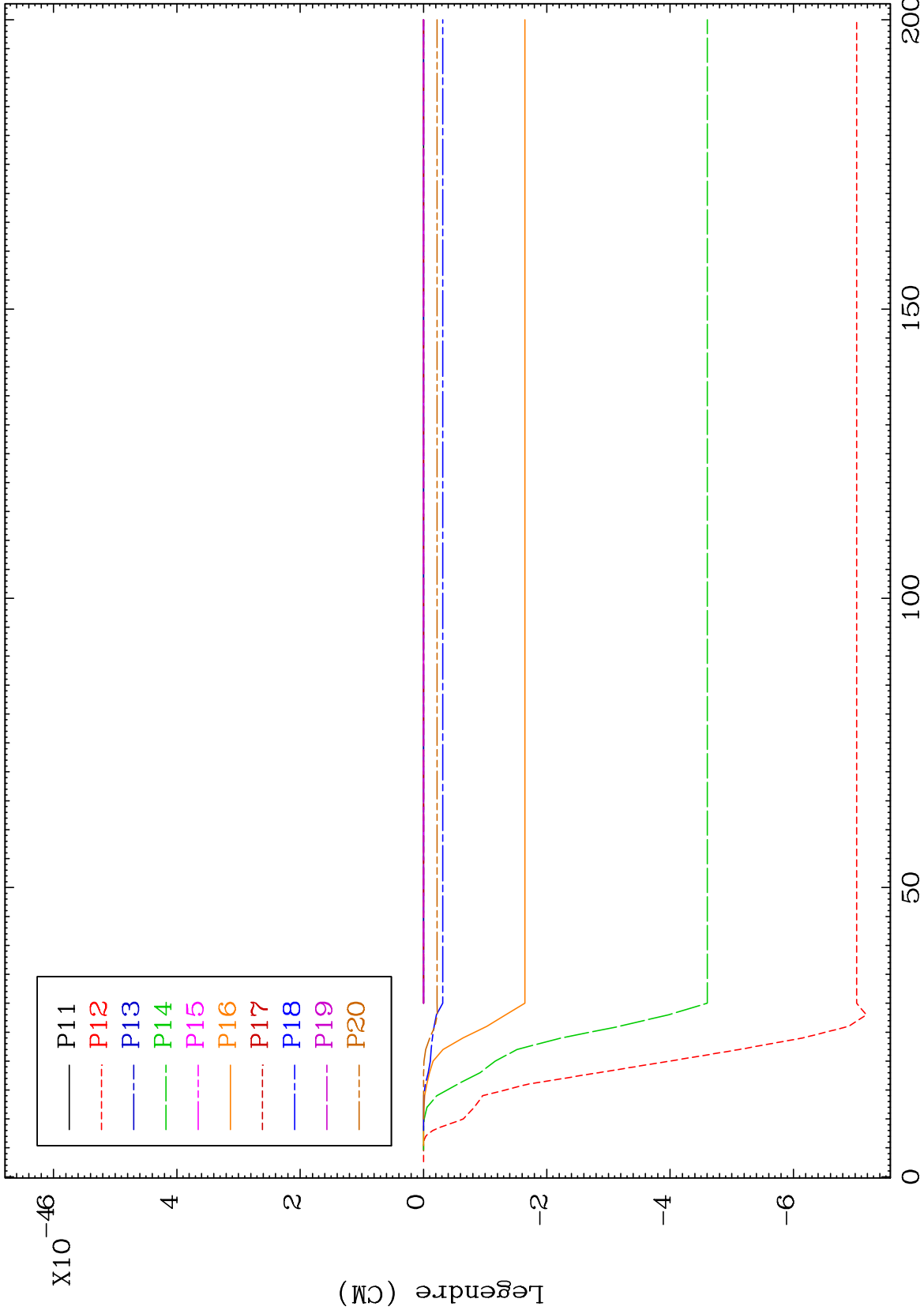




MAT 7934

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

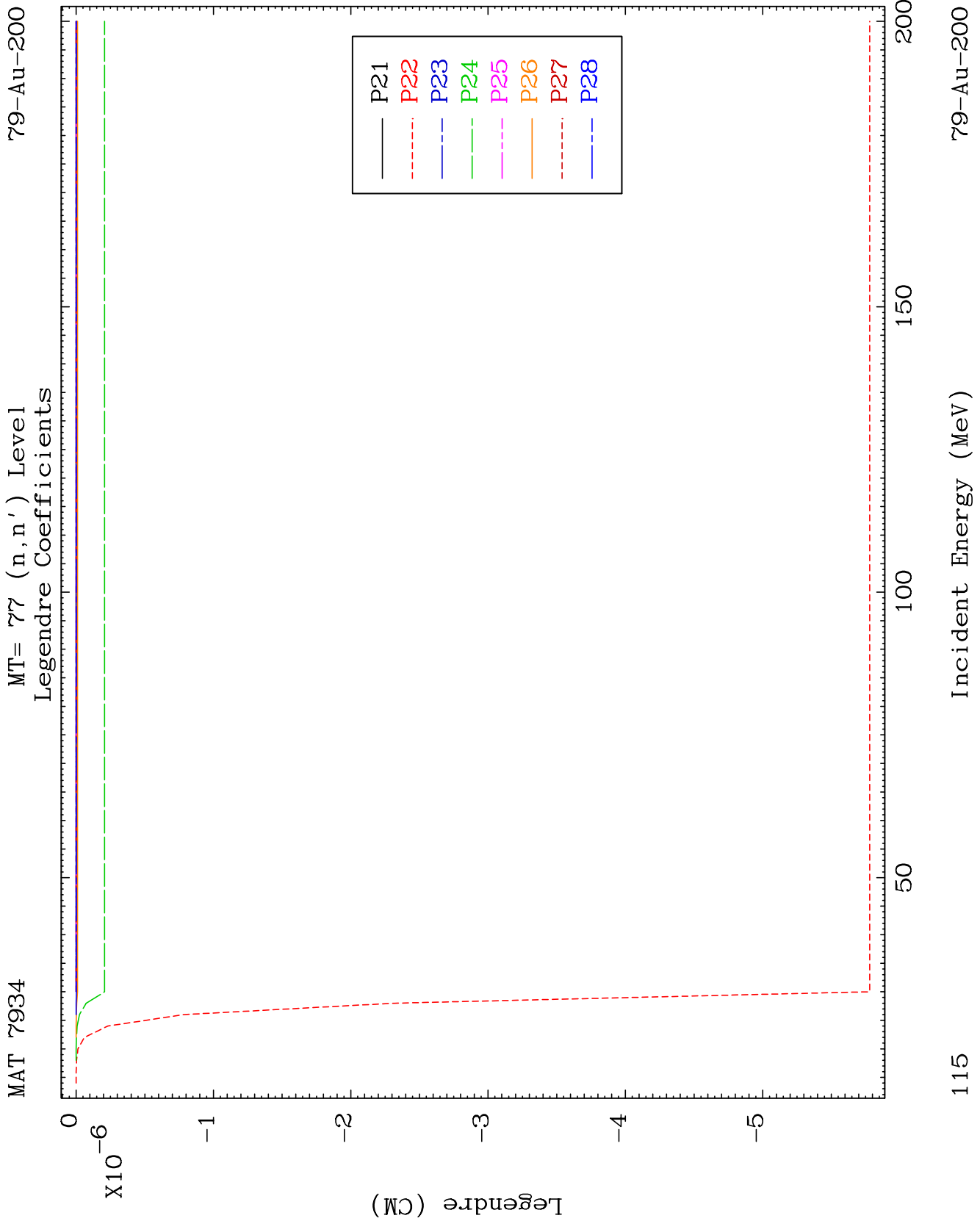
79-Au-200



114

Incident Energy (MeV)

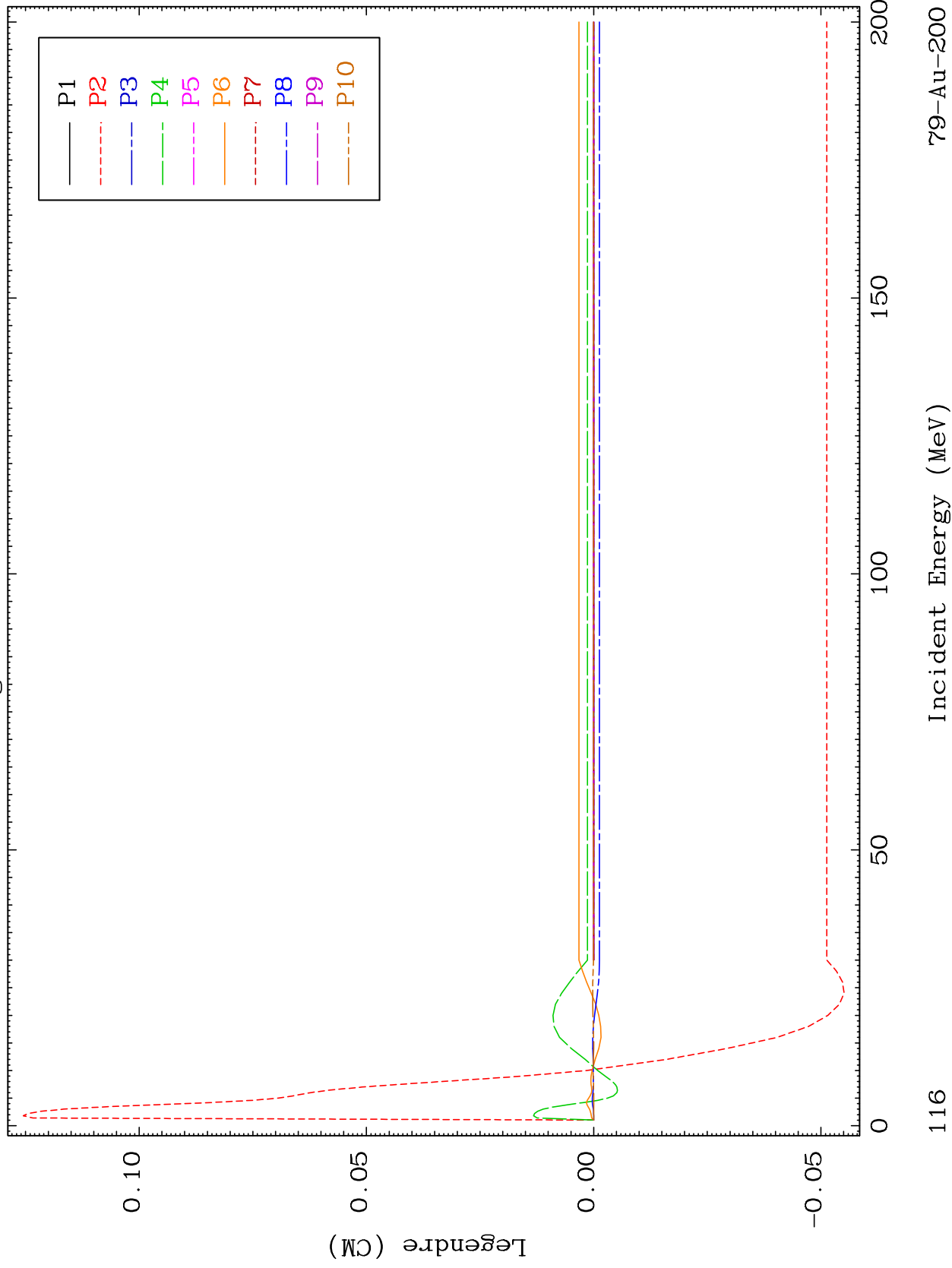
79-Au-200



MAT 7934

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

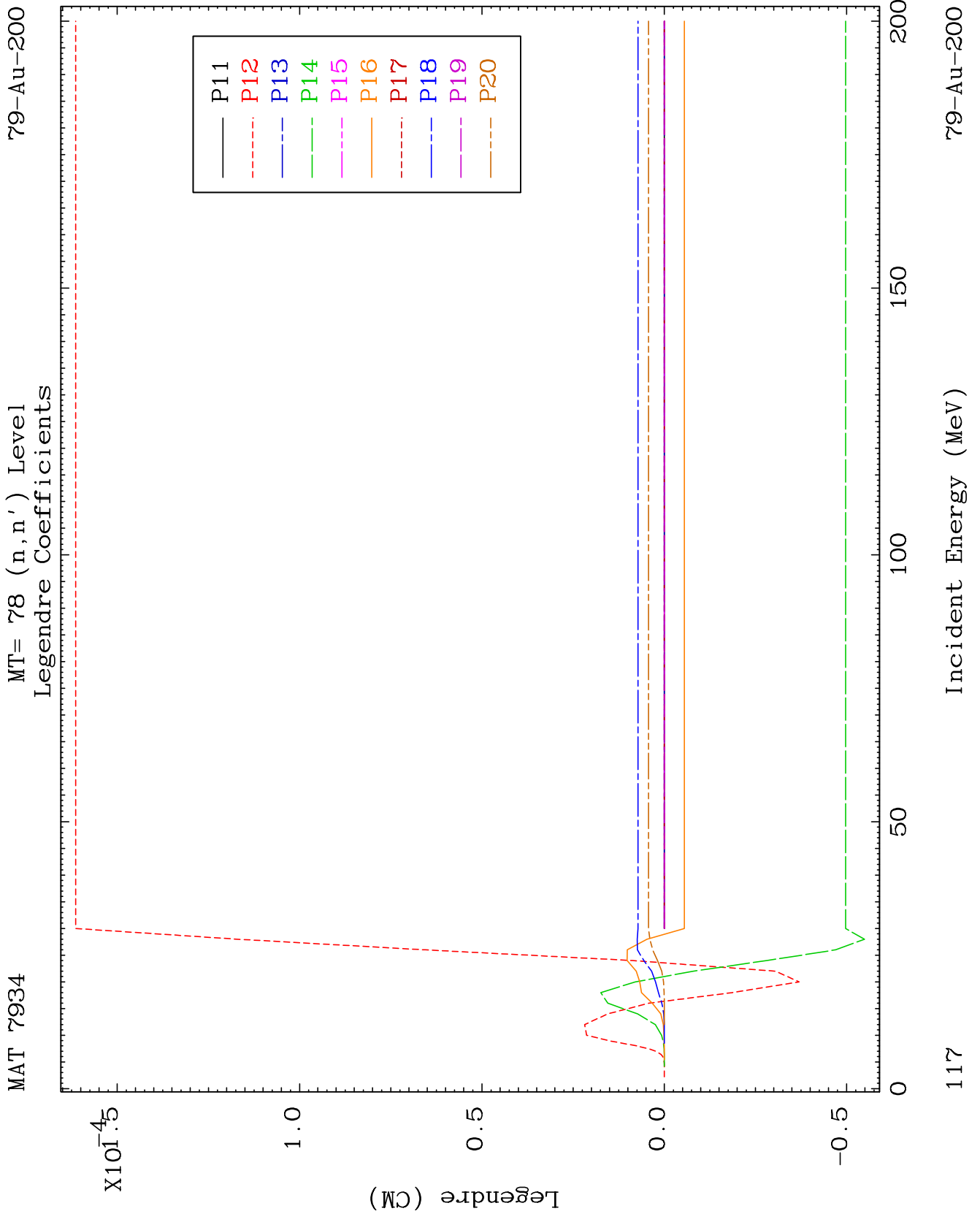
79-Au-200



79-Au-200

Incident Energy (MeV)

116

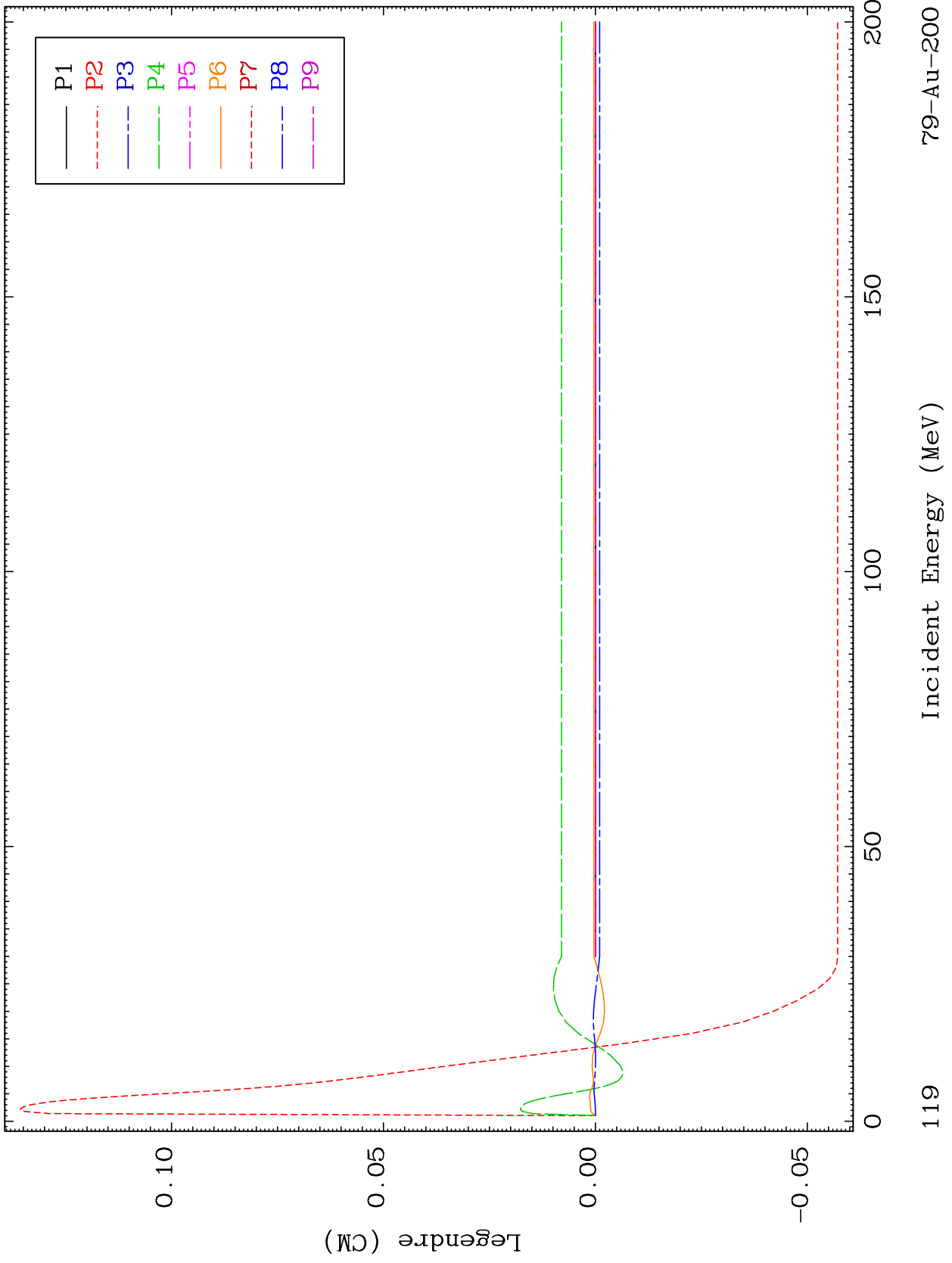




MAT 7934

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

79-Au-200

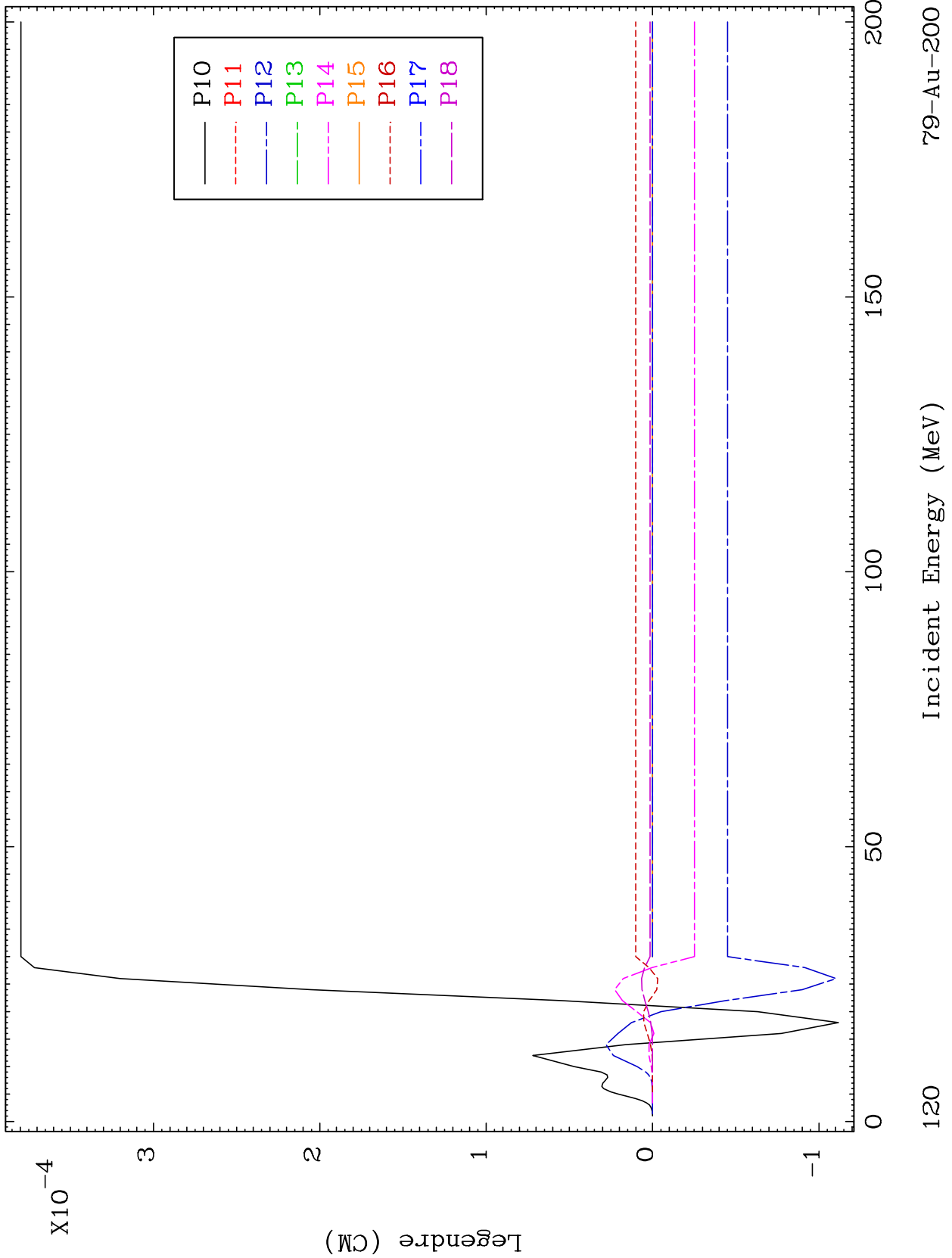




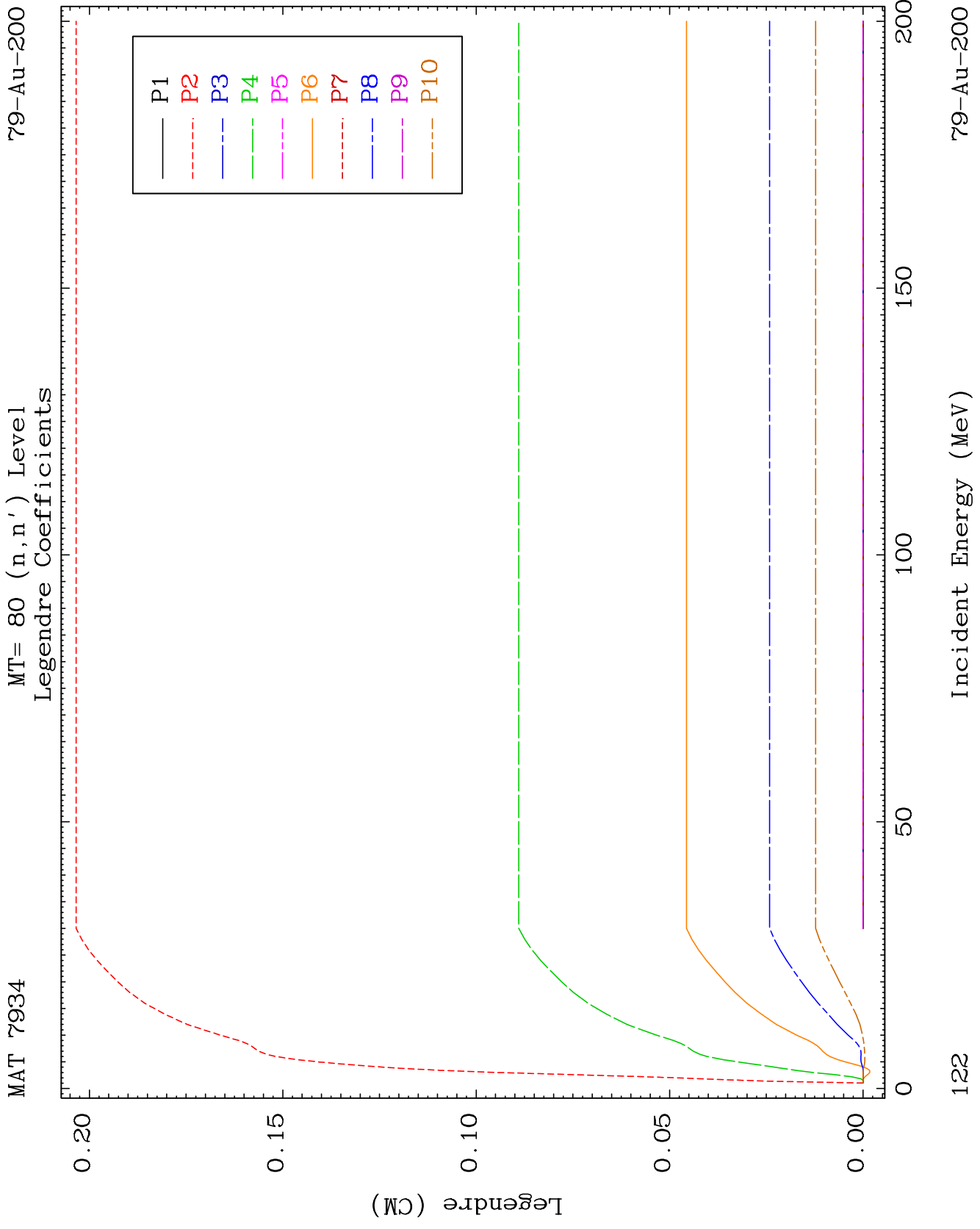
MAT 7934

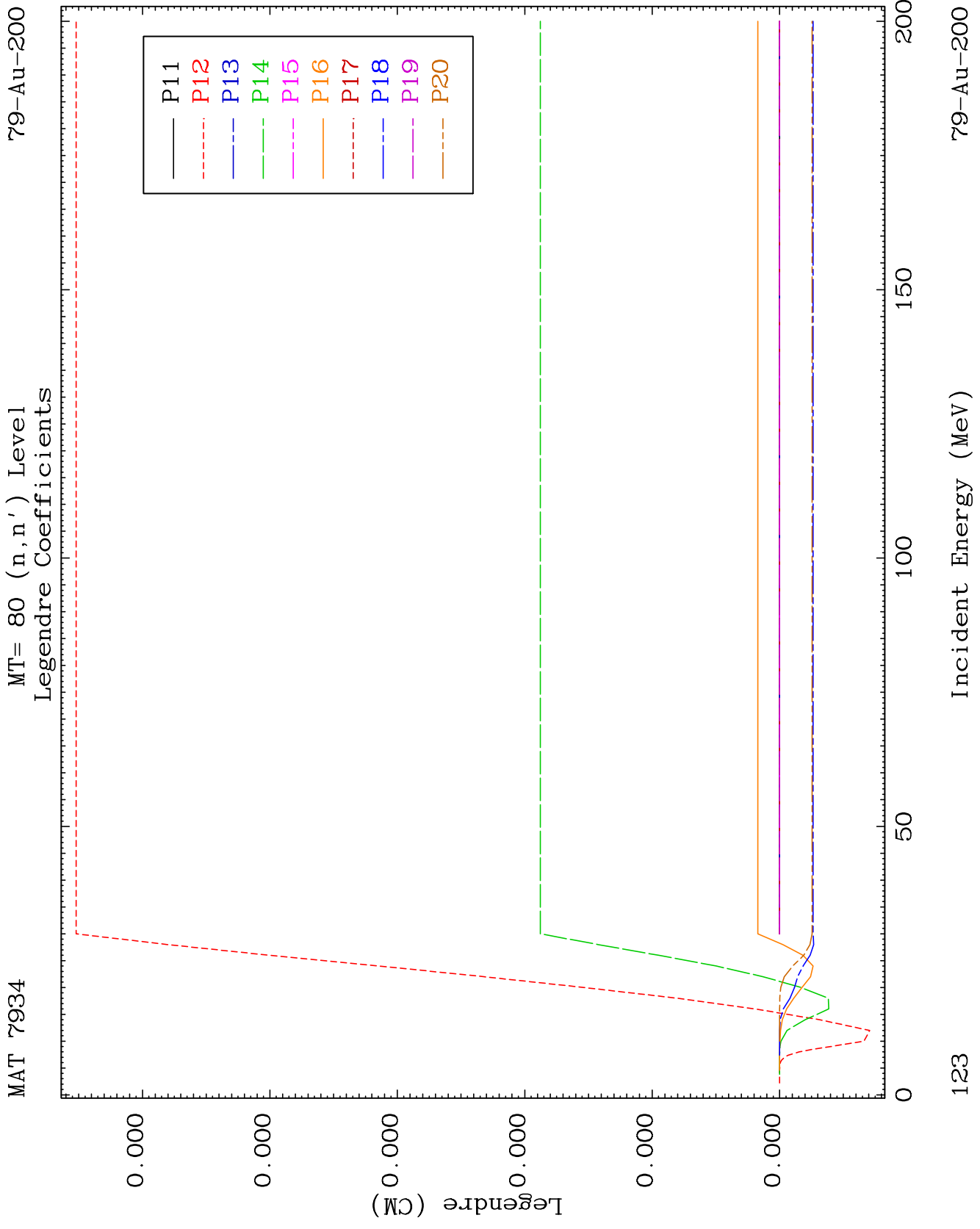
MT= 79 (n,n') Level  
Legendre Coefficients

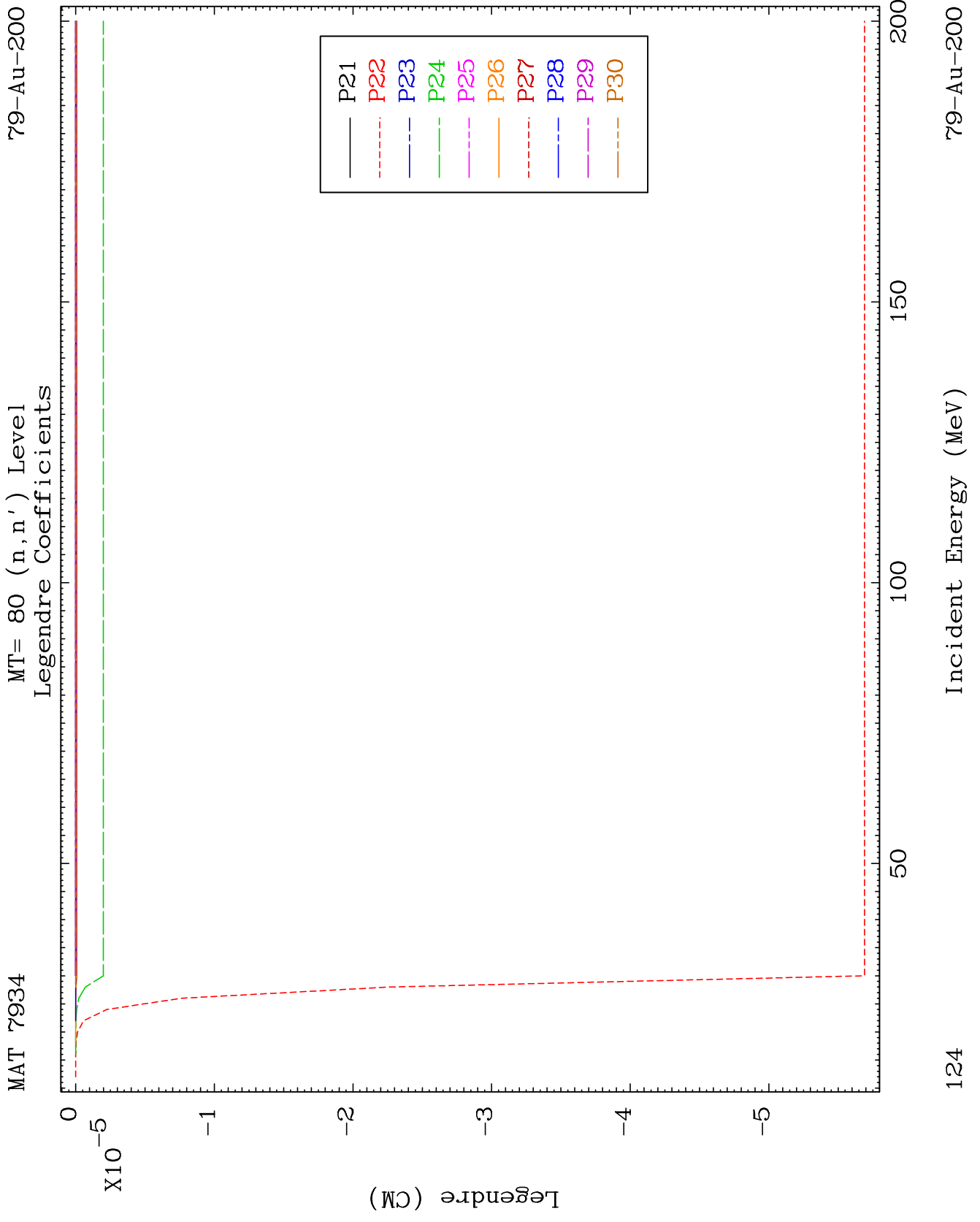
79-Au-200







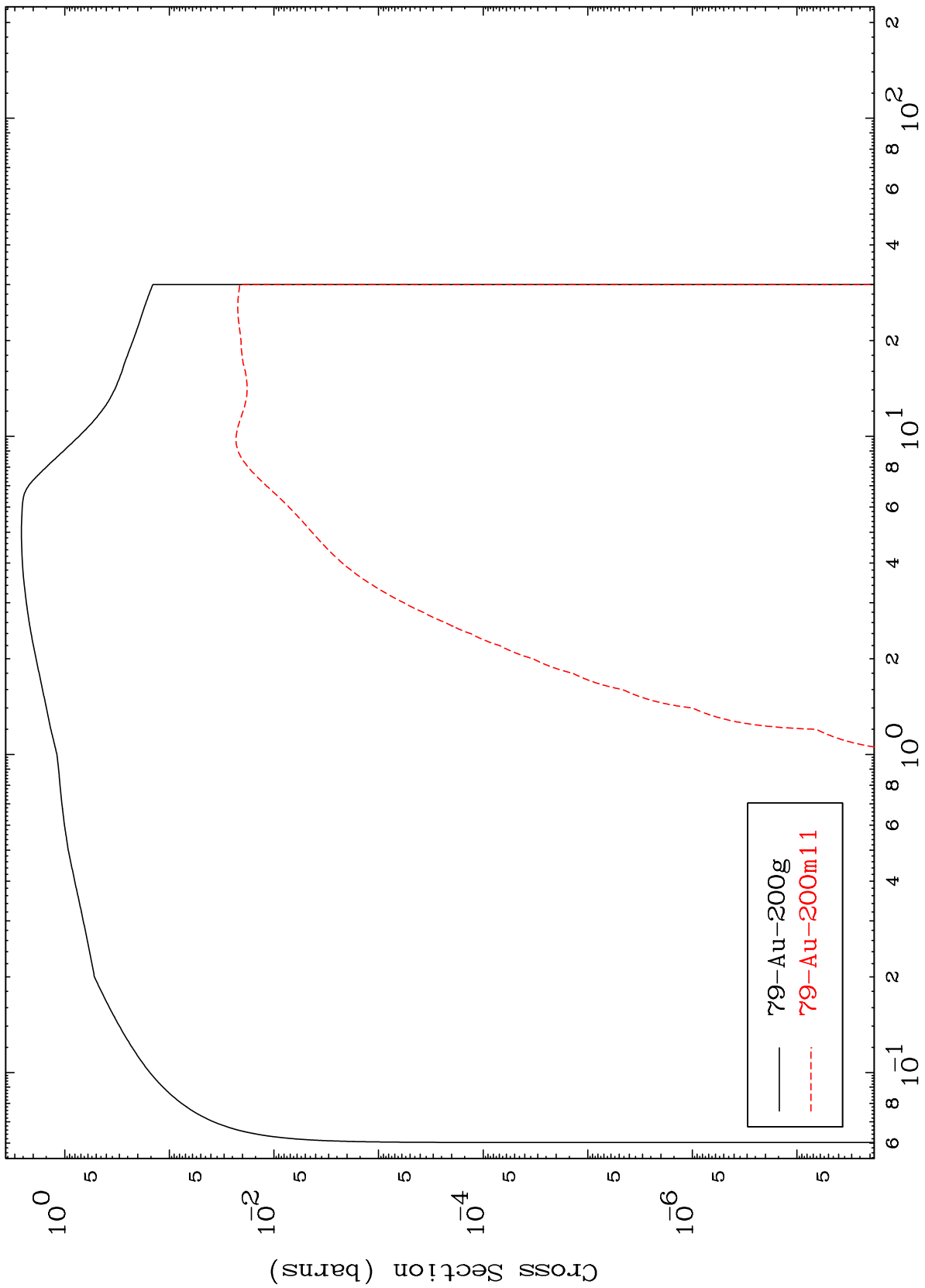




MAT 7934

79-Au-200

Inelastic  
Radionuclide Production Cross Section



125

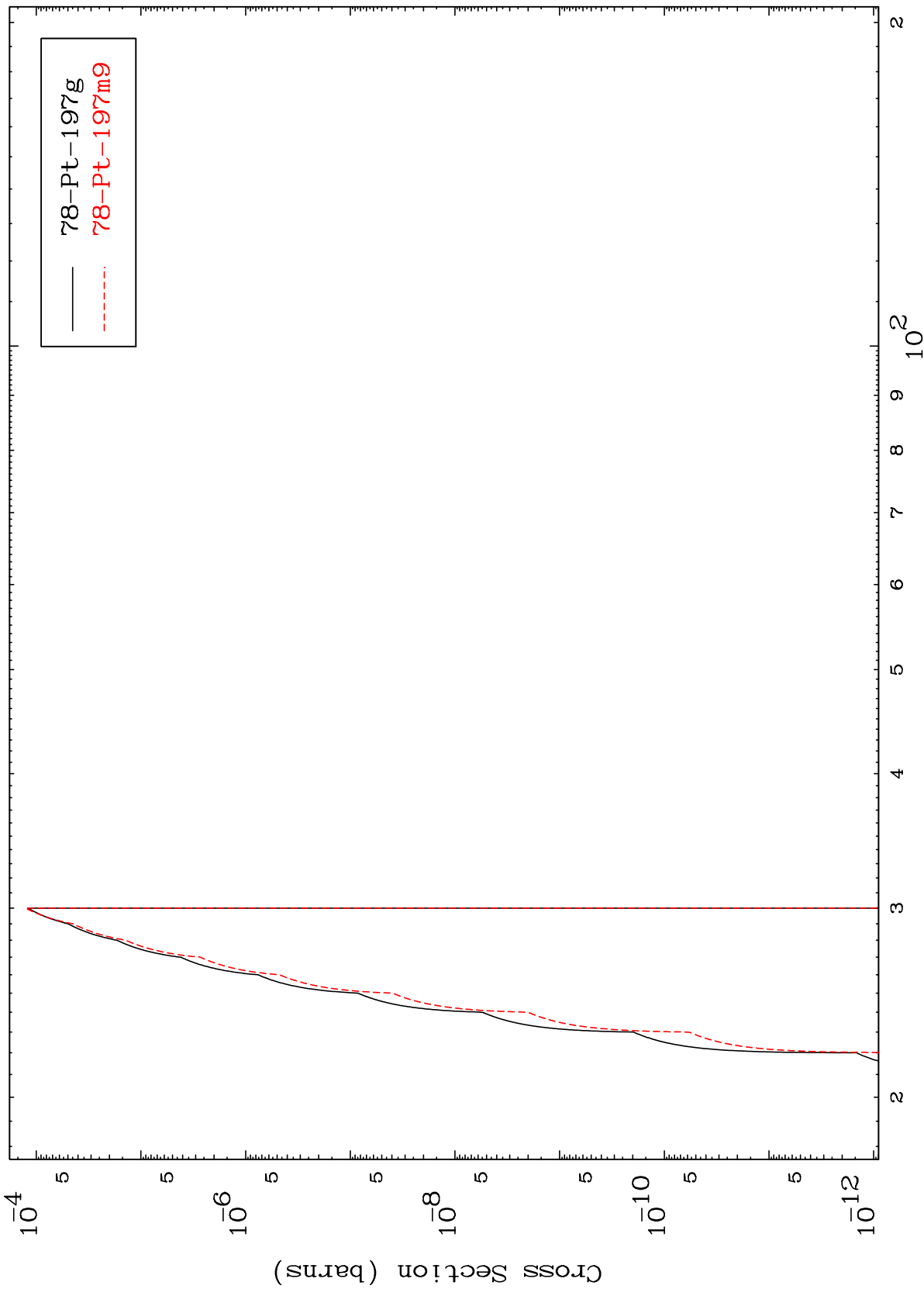
79-Au-200

MAT 7934

(n,2n) d

79-Au-200

Radionuclide Production Cross Section



78-Pt-197g  
78-Pt-197m9

126

Incident Energy (MeV)

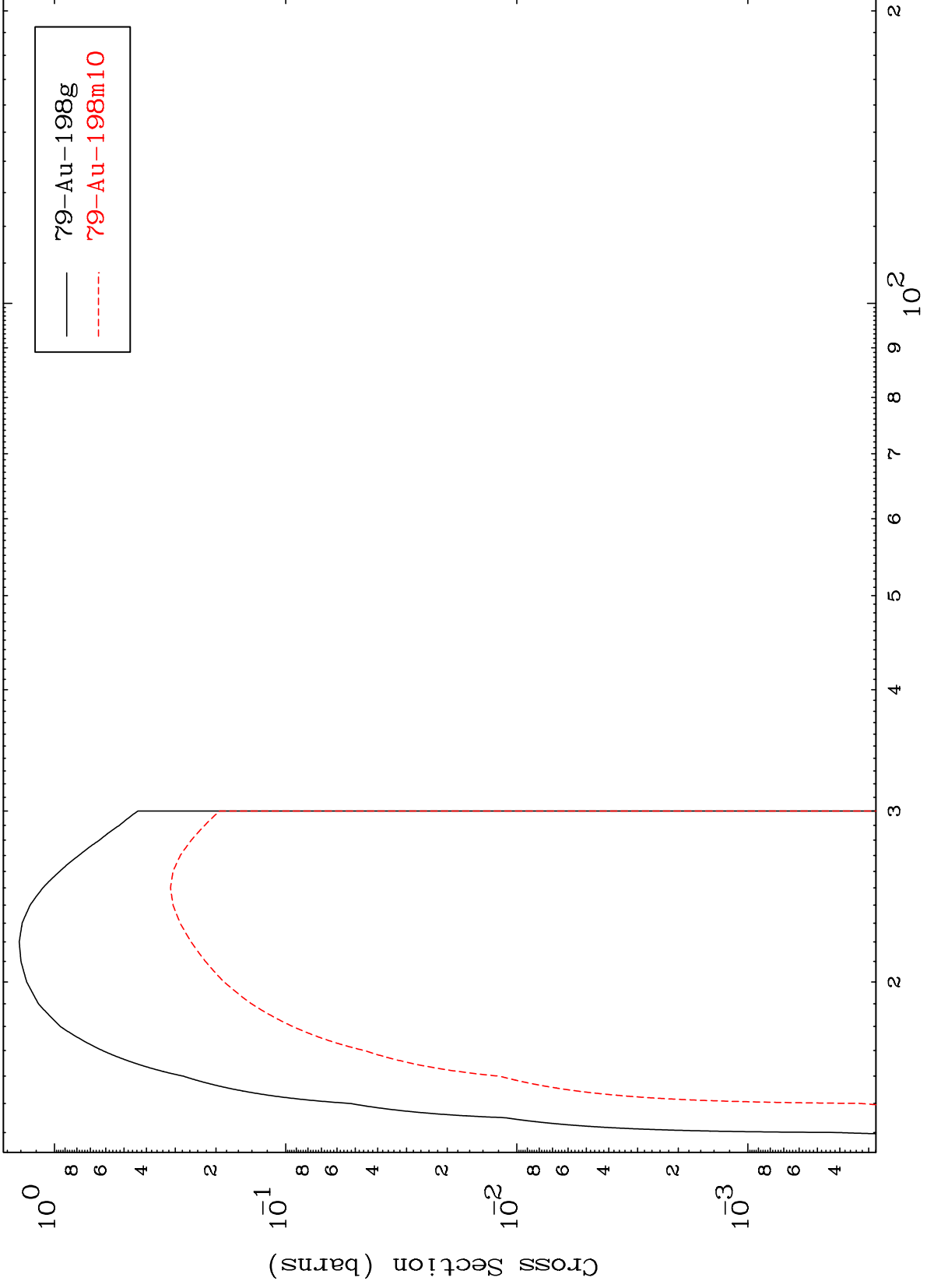
79-Au-200

MAT 7934

(n,3n)

79-Au-200

Radionuclide Production Cross Section



79-Au-198g

79-Au-198m10

127

Incident Energy (MeV)

79-Au-200

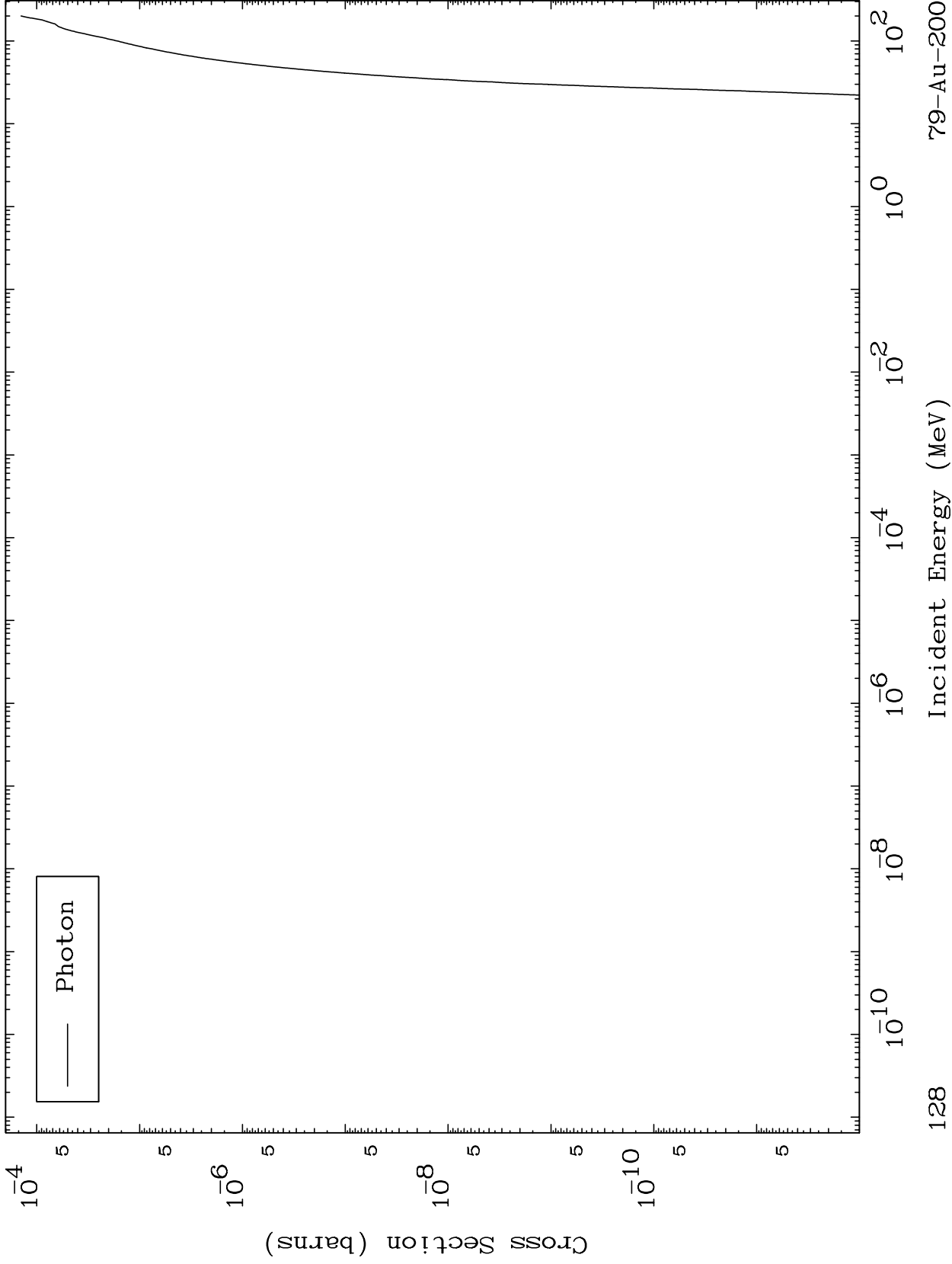


MAT 7934

Fission

<sup>79</sup>Au-200

Radionuclide Production Cross Section

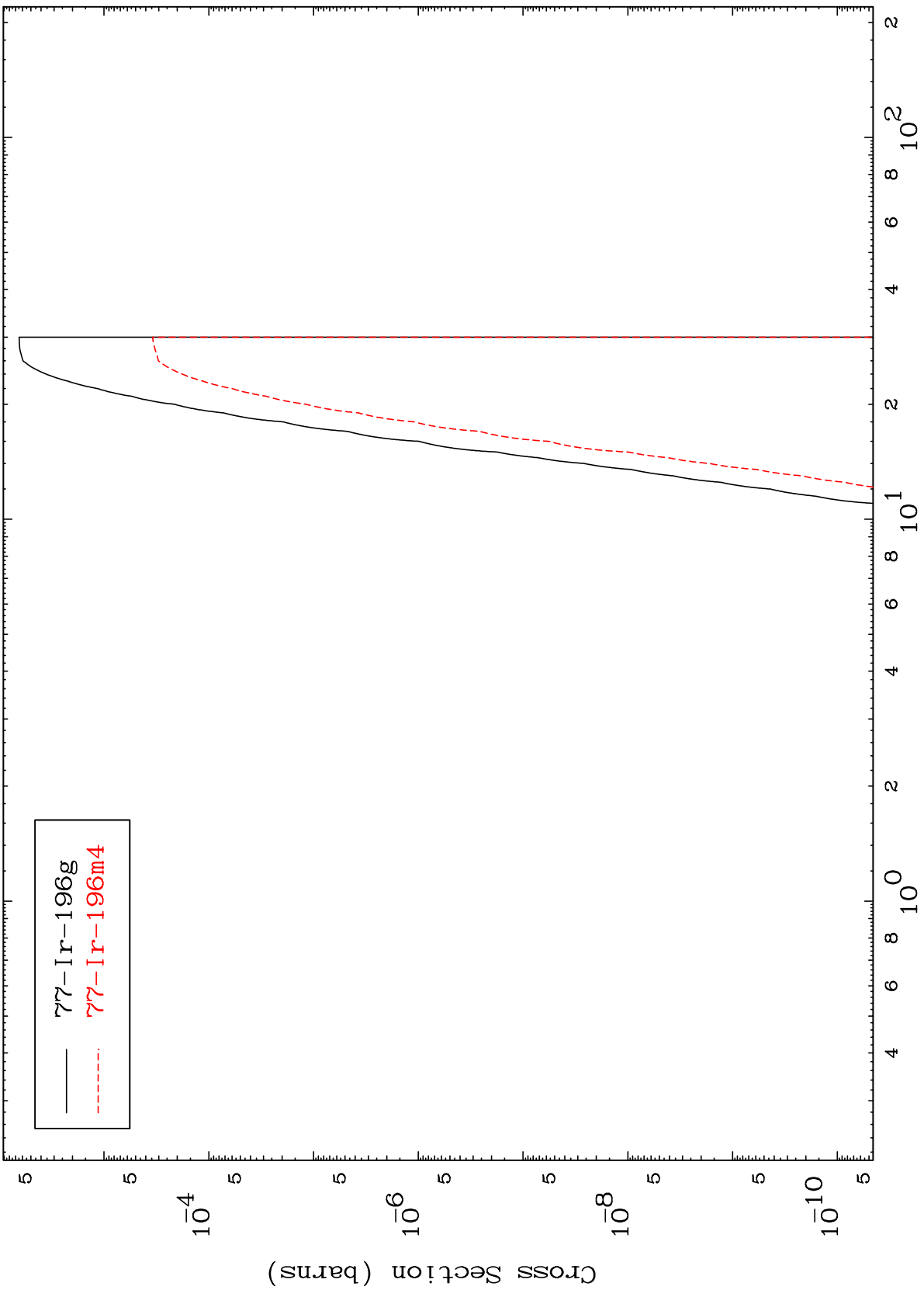


MAT 7934

$(n, n') \alpha$

$^{79}\text{Au-200}$

Radionuclide Production Cross Section



129

Incident Energy (MeV)

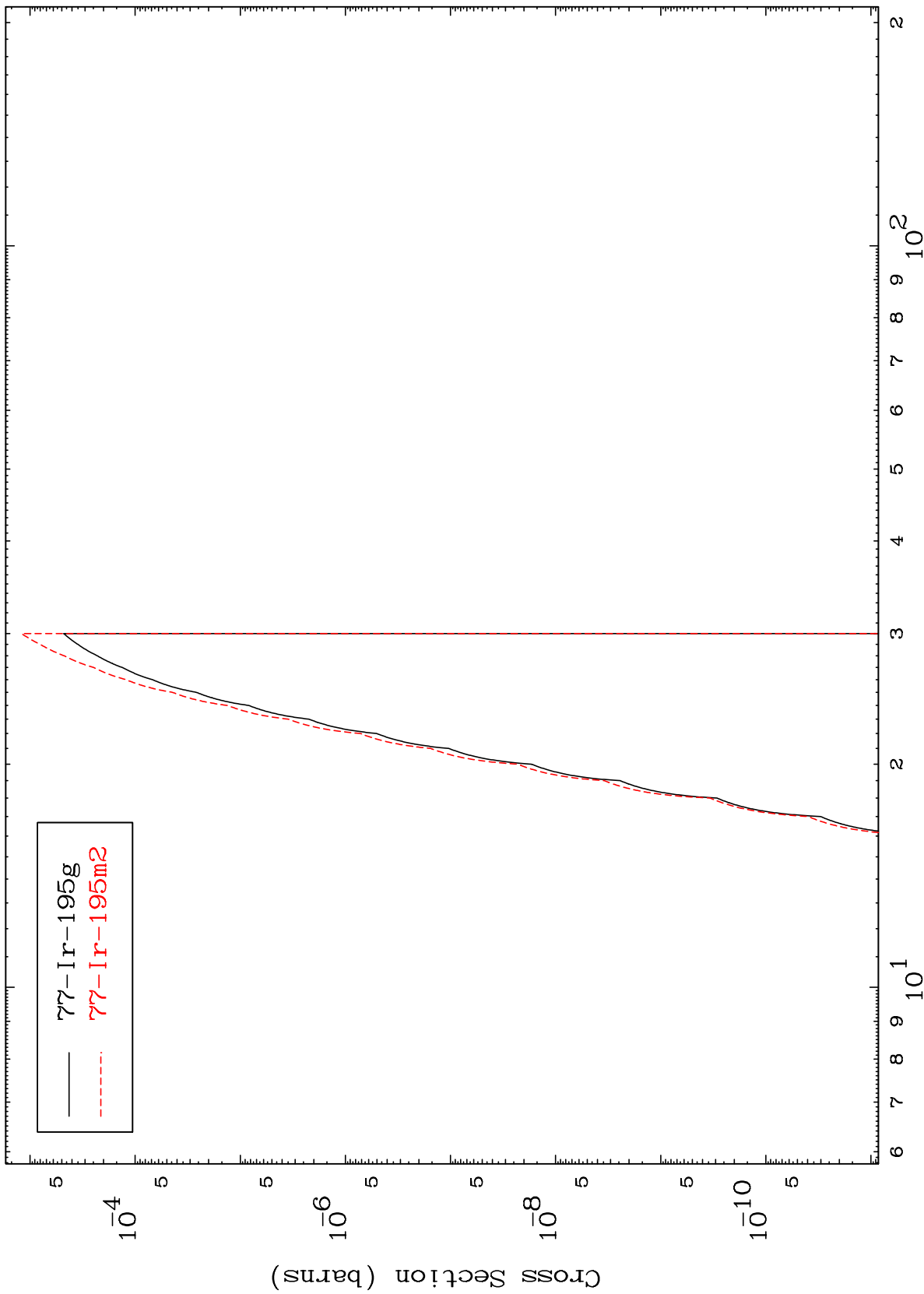
$^{79}\text{Au-200}$

MAT 7934

$(n,2n) \alpha$

$^{79}\text{Au-200}$

Radionuclide Production Cross Section



130

Incident Energy (MeV)

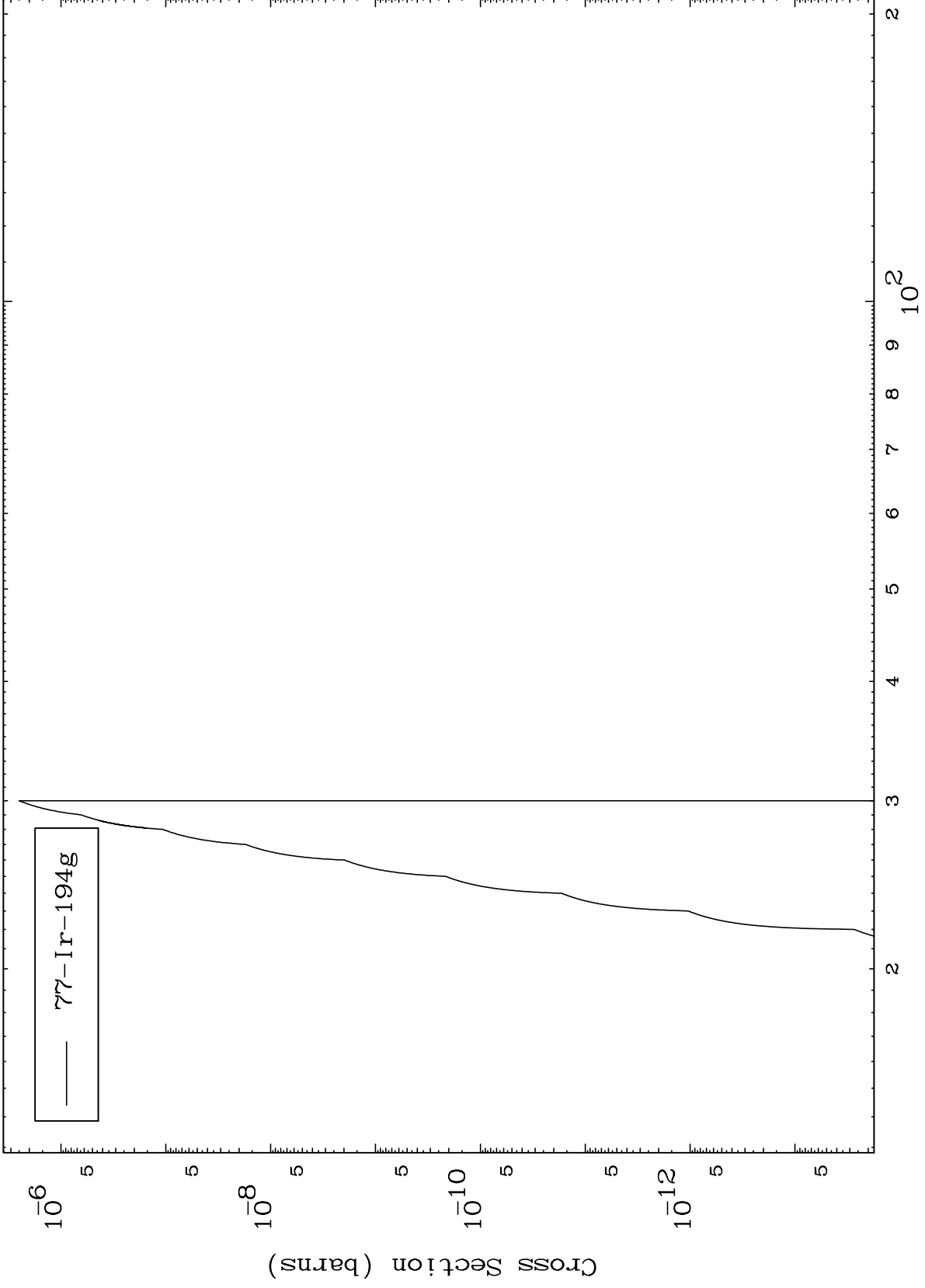
$^{79}\text{Au-200}$

MAT 7934

(n,3n)  $\alpha$

79-Au-200

Radionuclide Production Cross Section



131

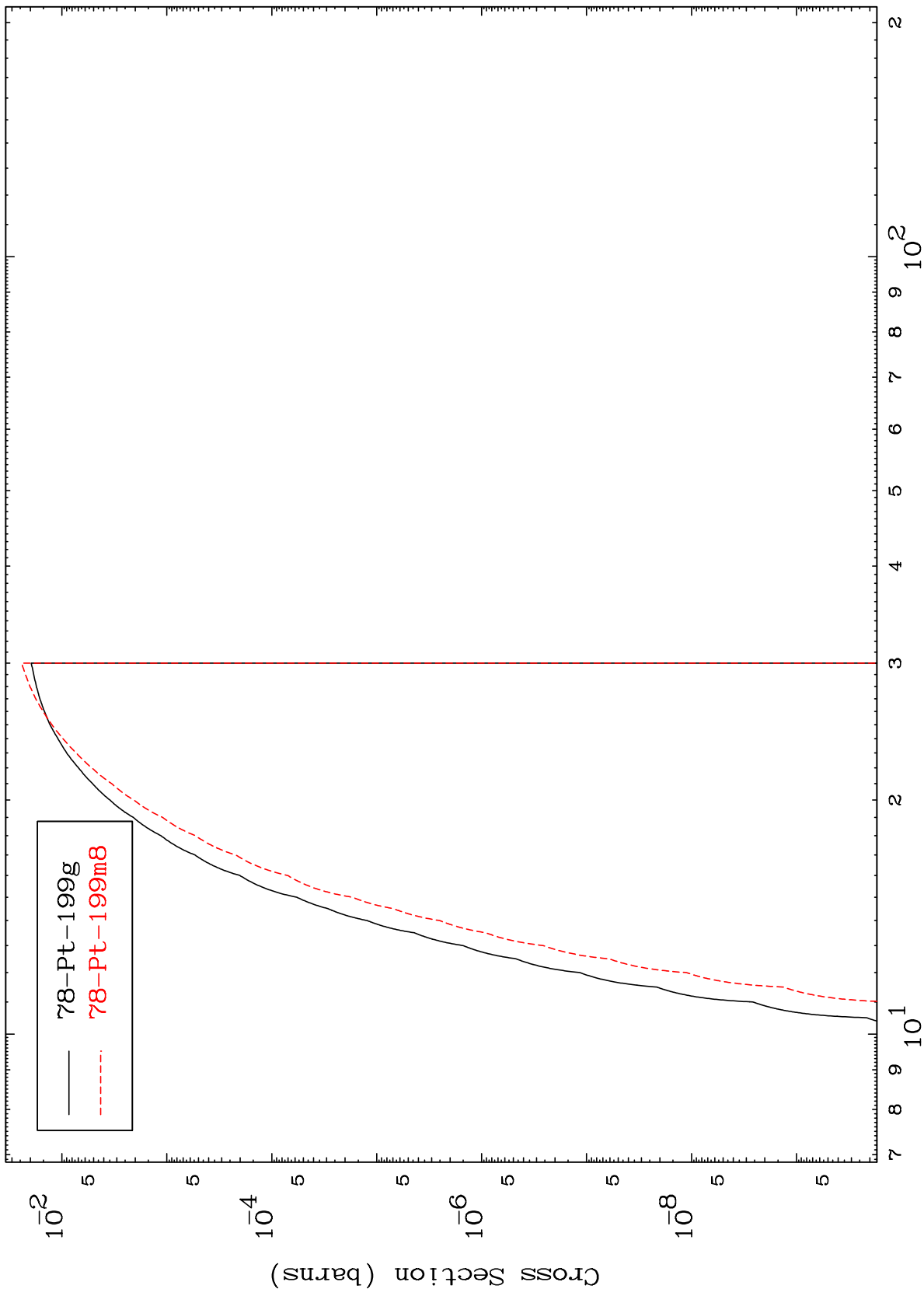
Incident Energy (MeV)

79-Au-200

MAT 7934

79-Au-200

(n,n') p  
Radionuclide Production Cross Section

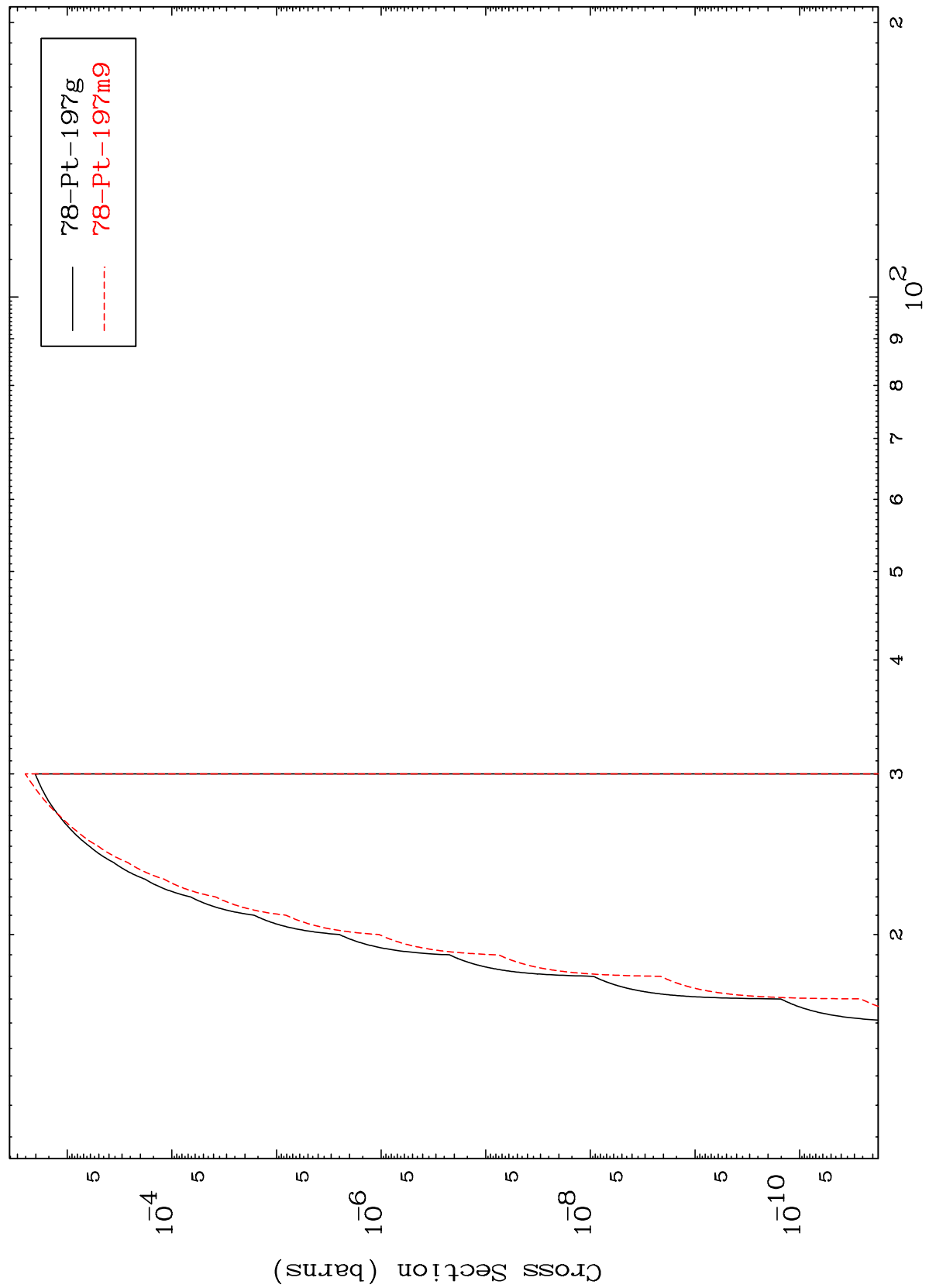


79-Au-200

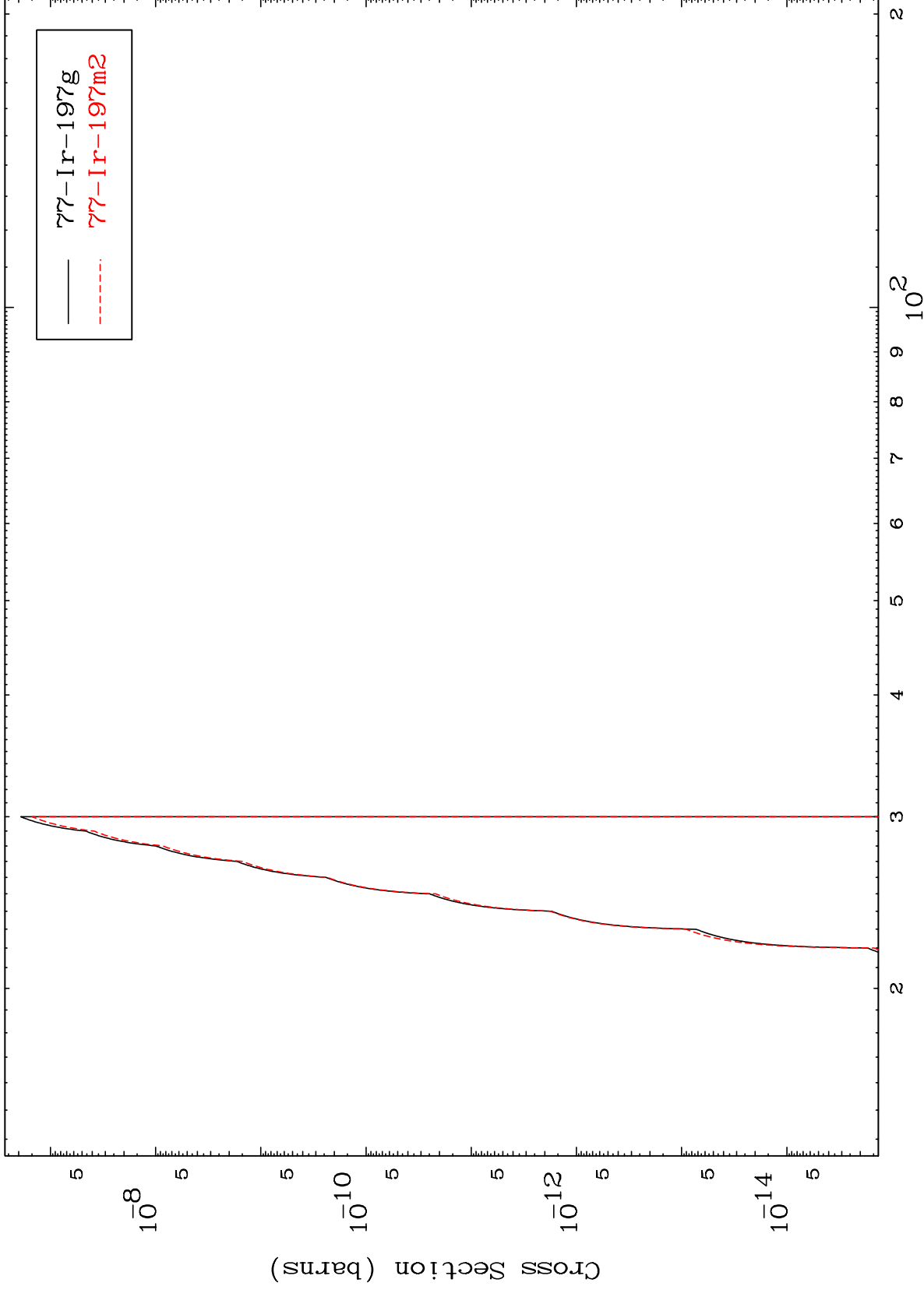
Incident Energy (MeV)

132

Radionuclide Production Cross Section



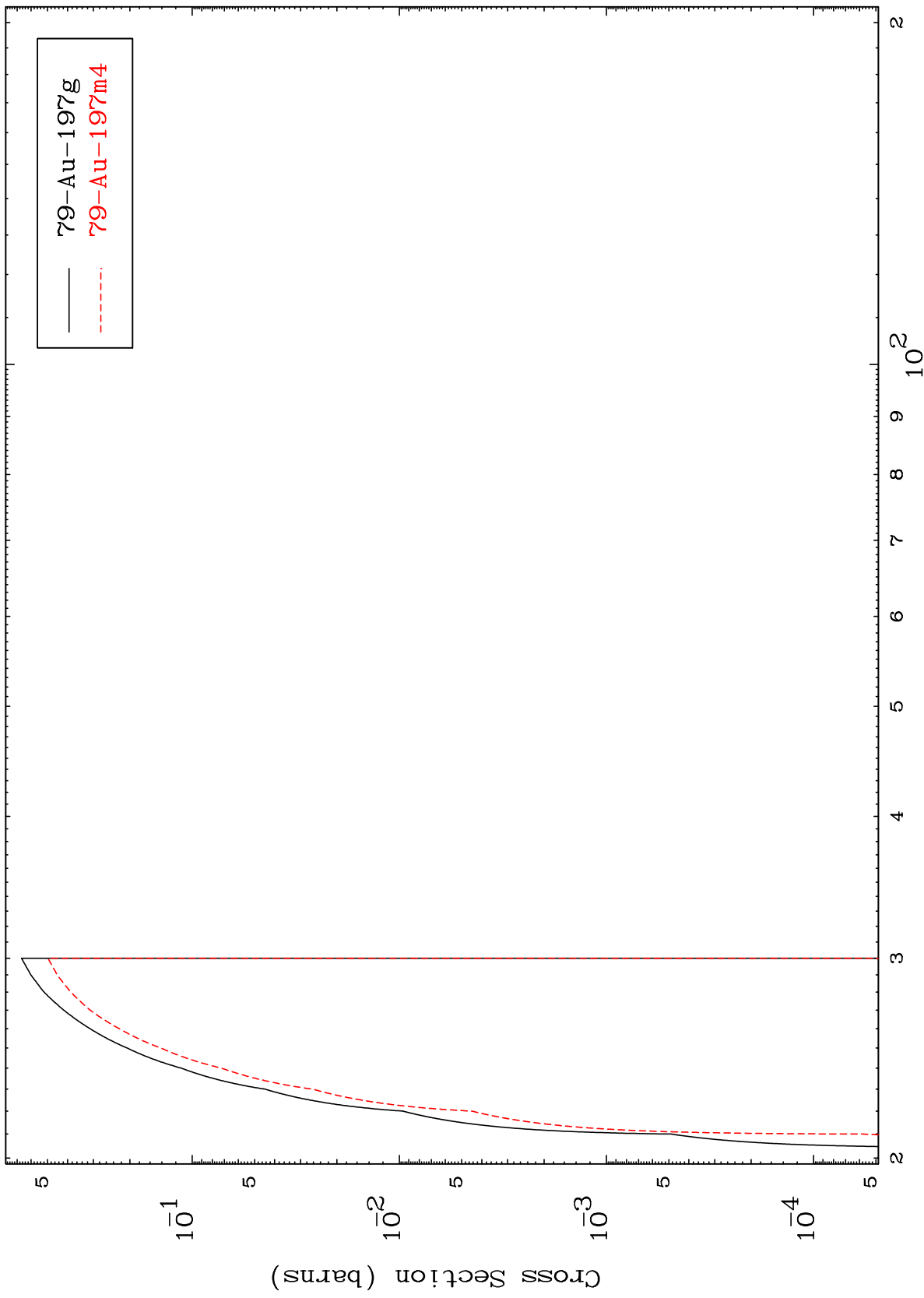
Radionuclide Production Cross Section



MAT 7934

79-Au-200

(n,4n)  
Radionuclide Production Cross Section

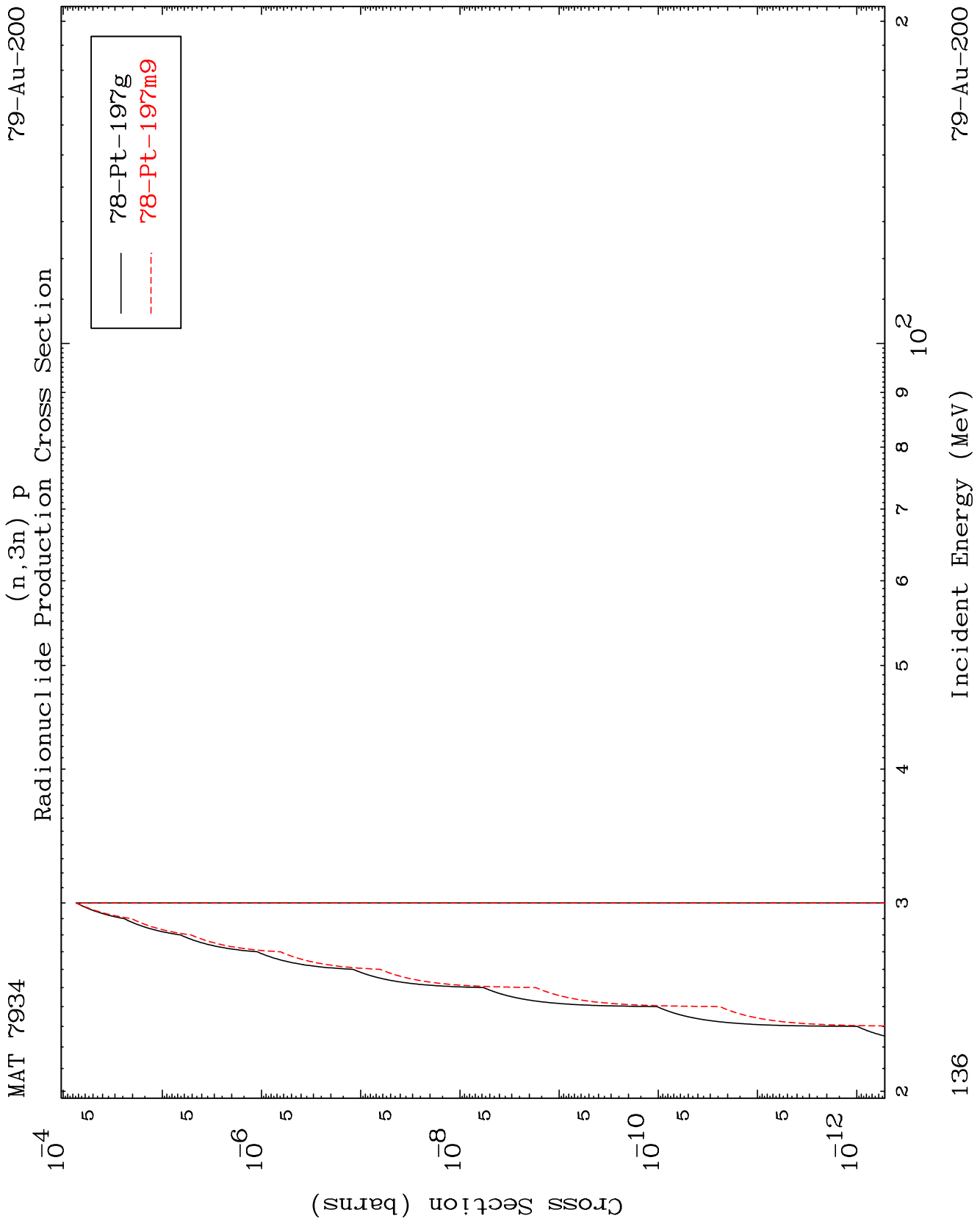


135

79-Au-200

Incident Energy (MeV)

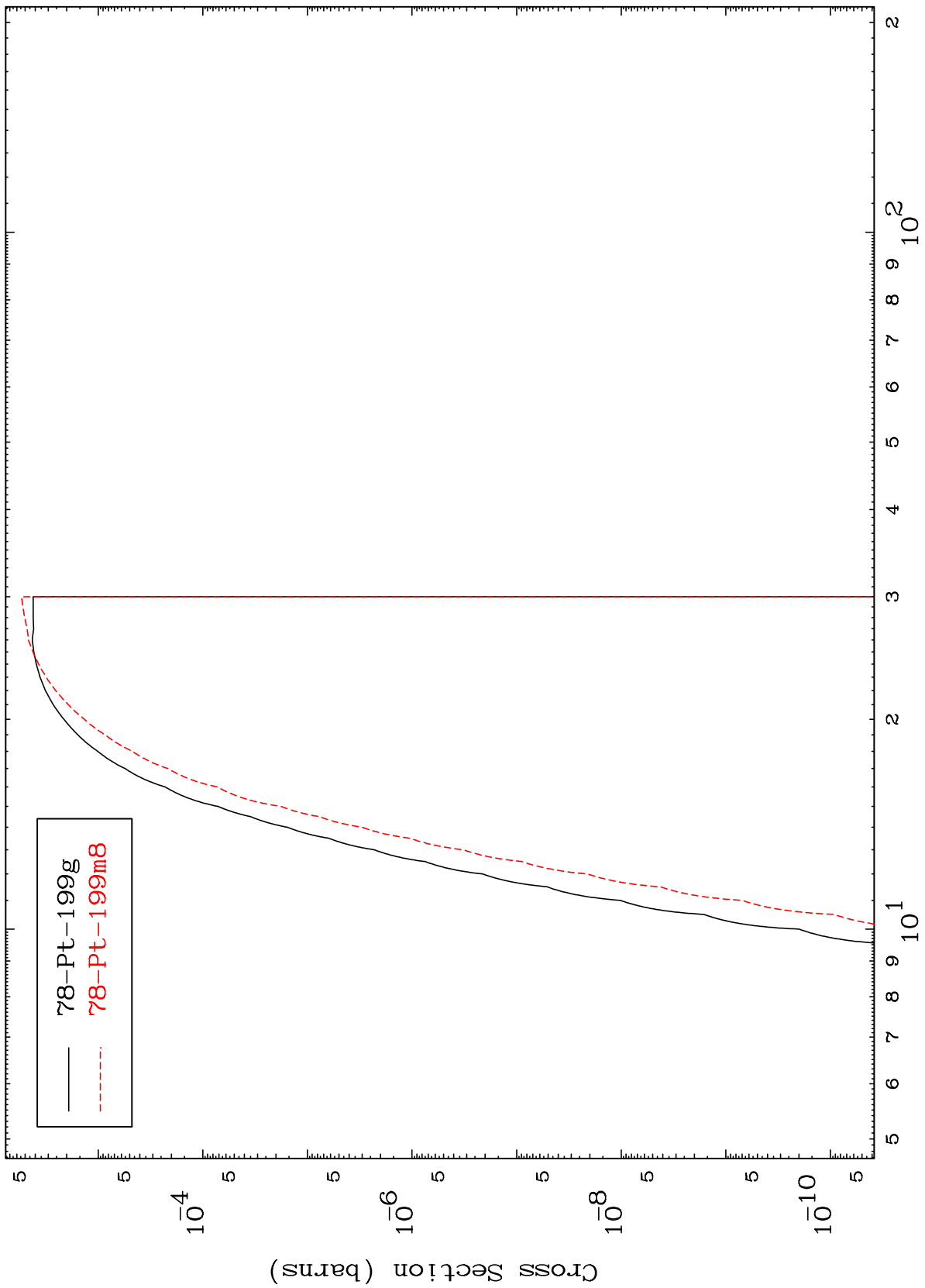




MAT 7934

79-Au-200

(n,d)  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

79-Au-200

MAT 7934

(n,  $\alpha$ )

<sup>79</sup>Au-200

Radionuclide Production Cross Section

