

Program EVALPLOT  
(Version 2021-1)

by

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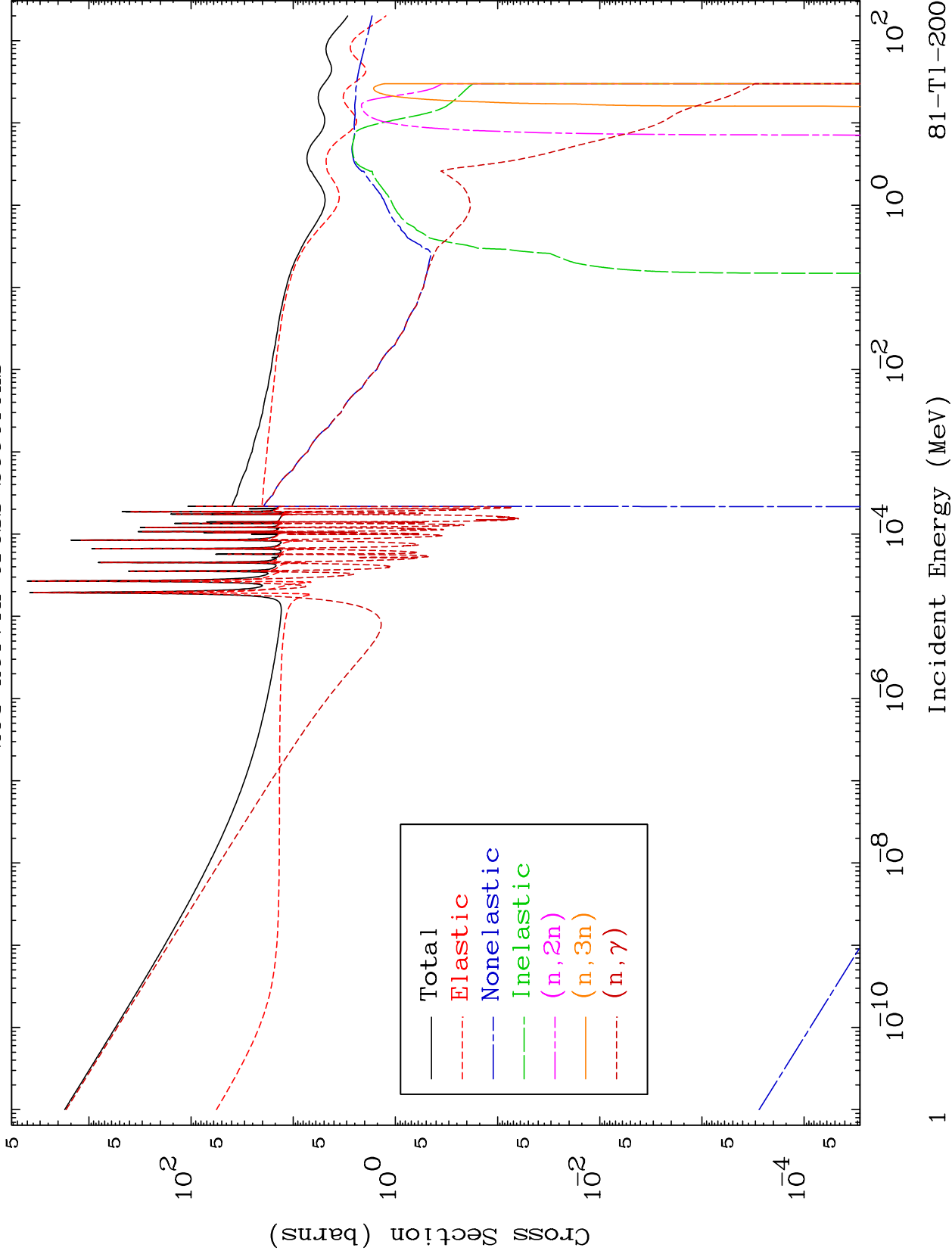
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Press Mouse Button to Start

MAT 81116

Neutron Major  
293 Kelvin Cross Sections

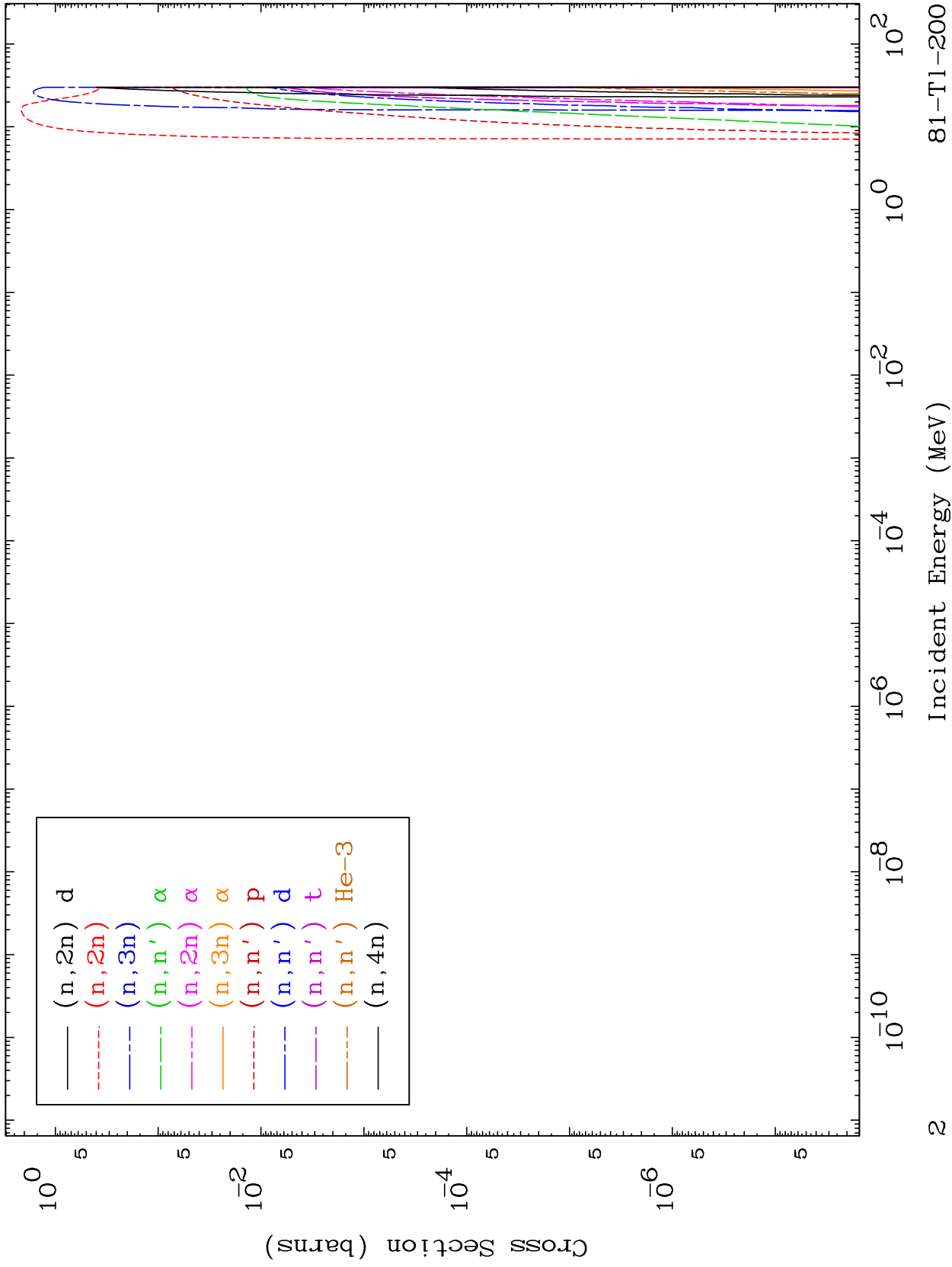
81-Tl-200



MAT 81116

Neutron Absorption  
293 Kelvin Cross Sections

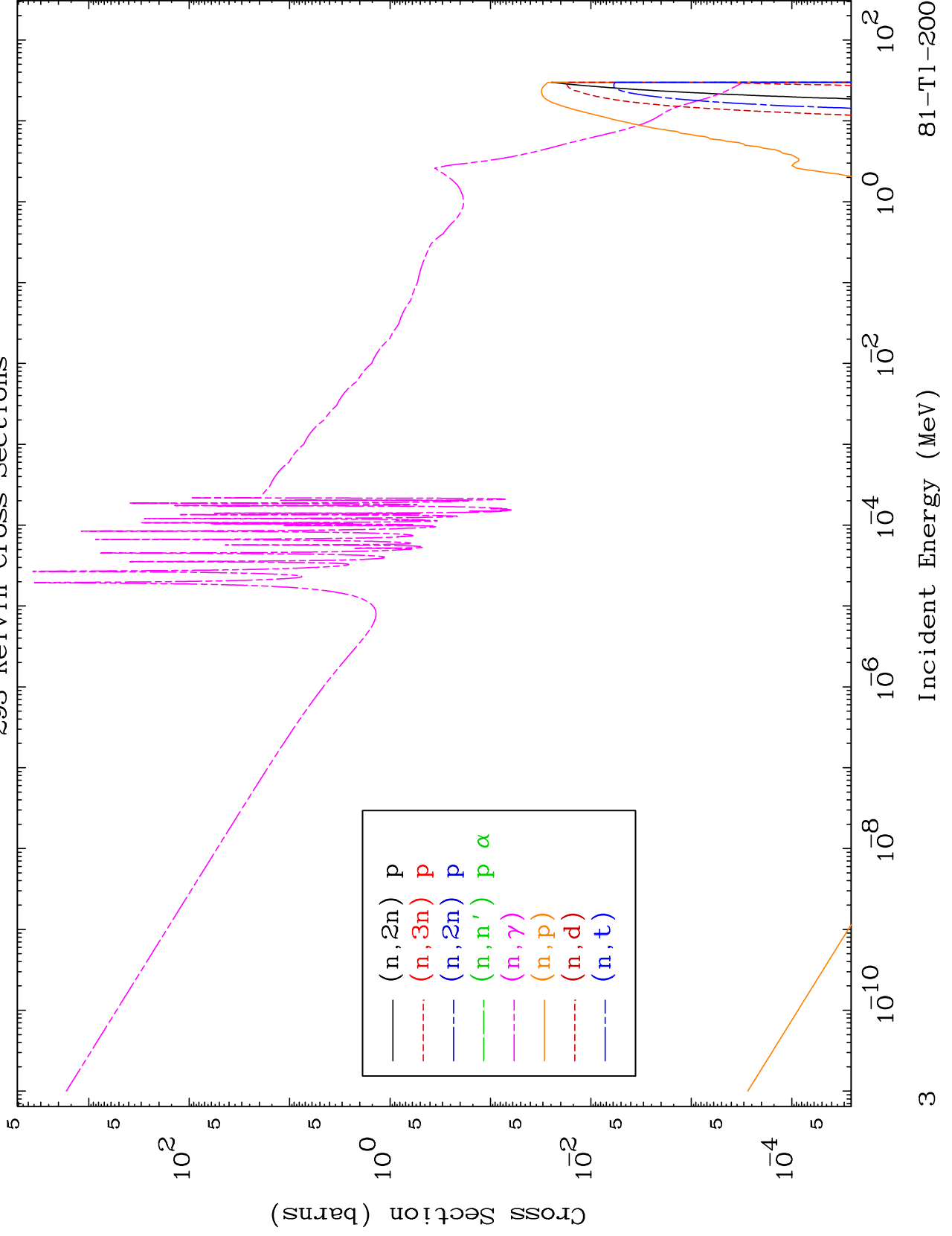
81-Tl-200



MAT 81116

Neutron Absorption  
293 Kelvin Cross Sections

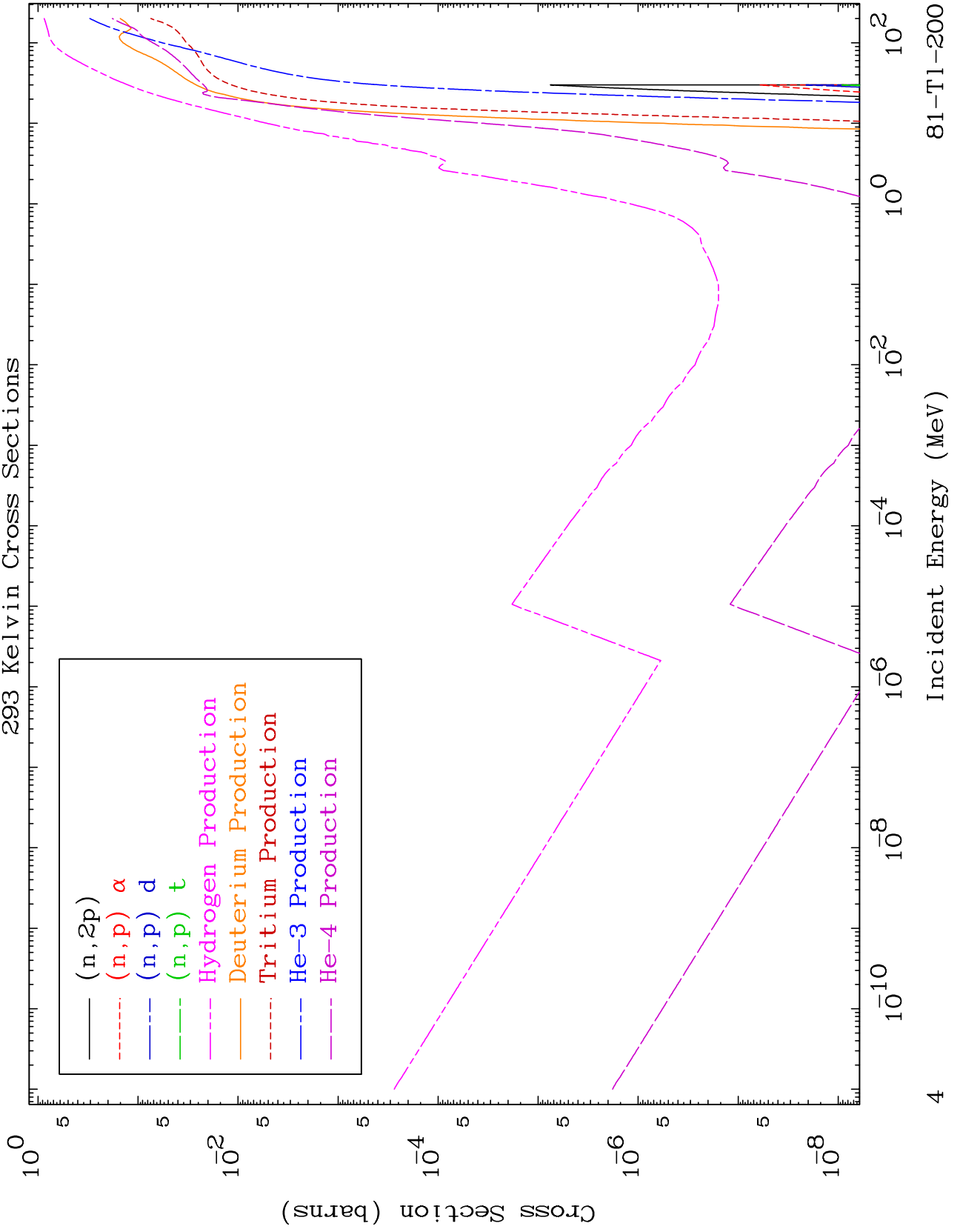
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MAT 81116

Neutron Absorption  
293 Kelvin Cross Sections

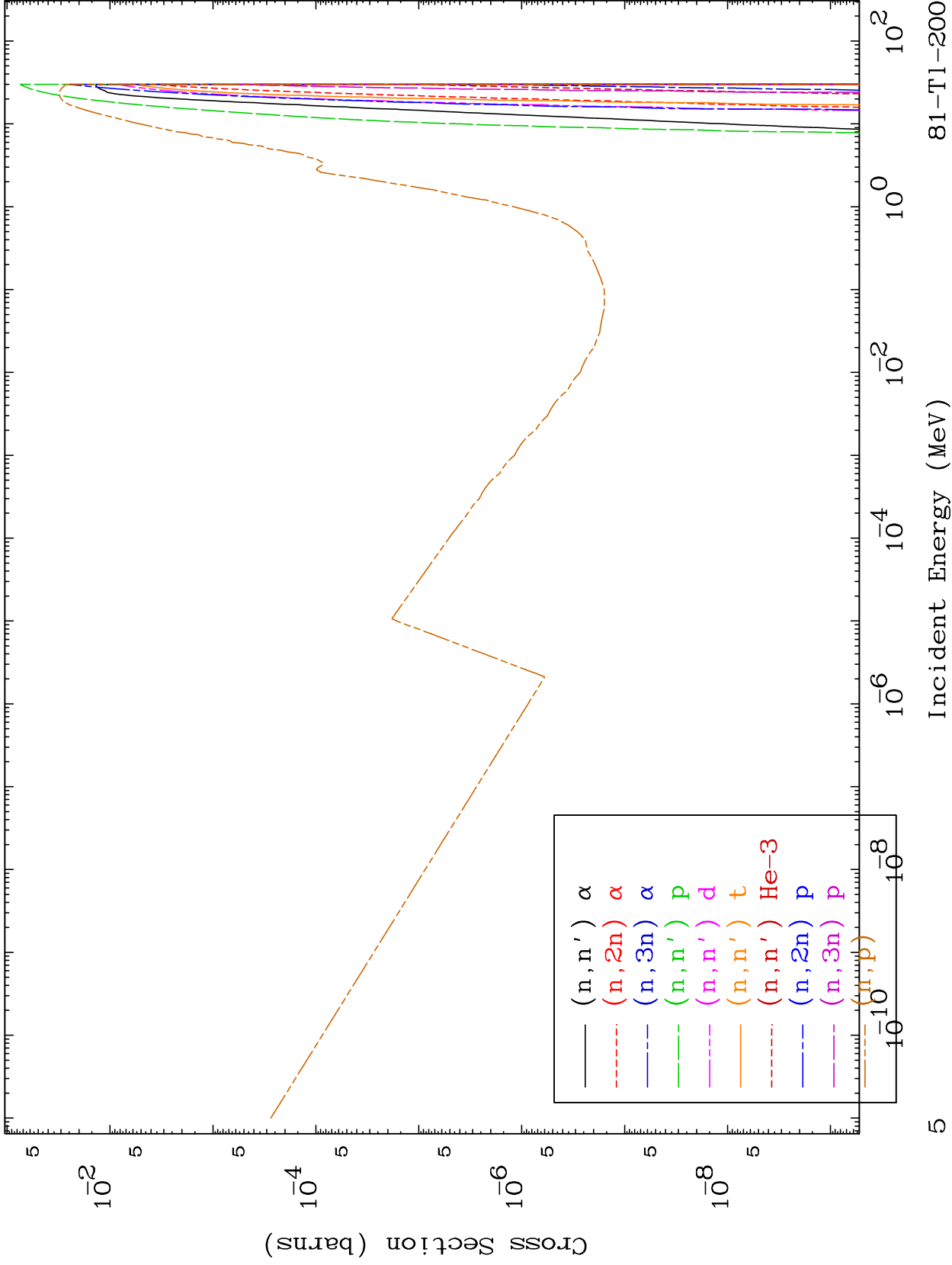
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MAT 81116

Charged Particle  
293 Kelvin Cross Sections

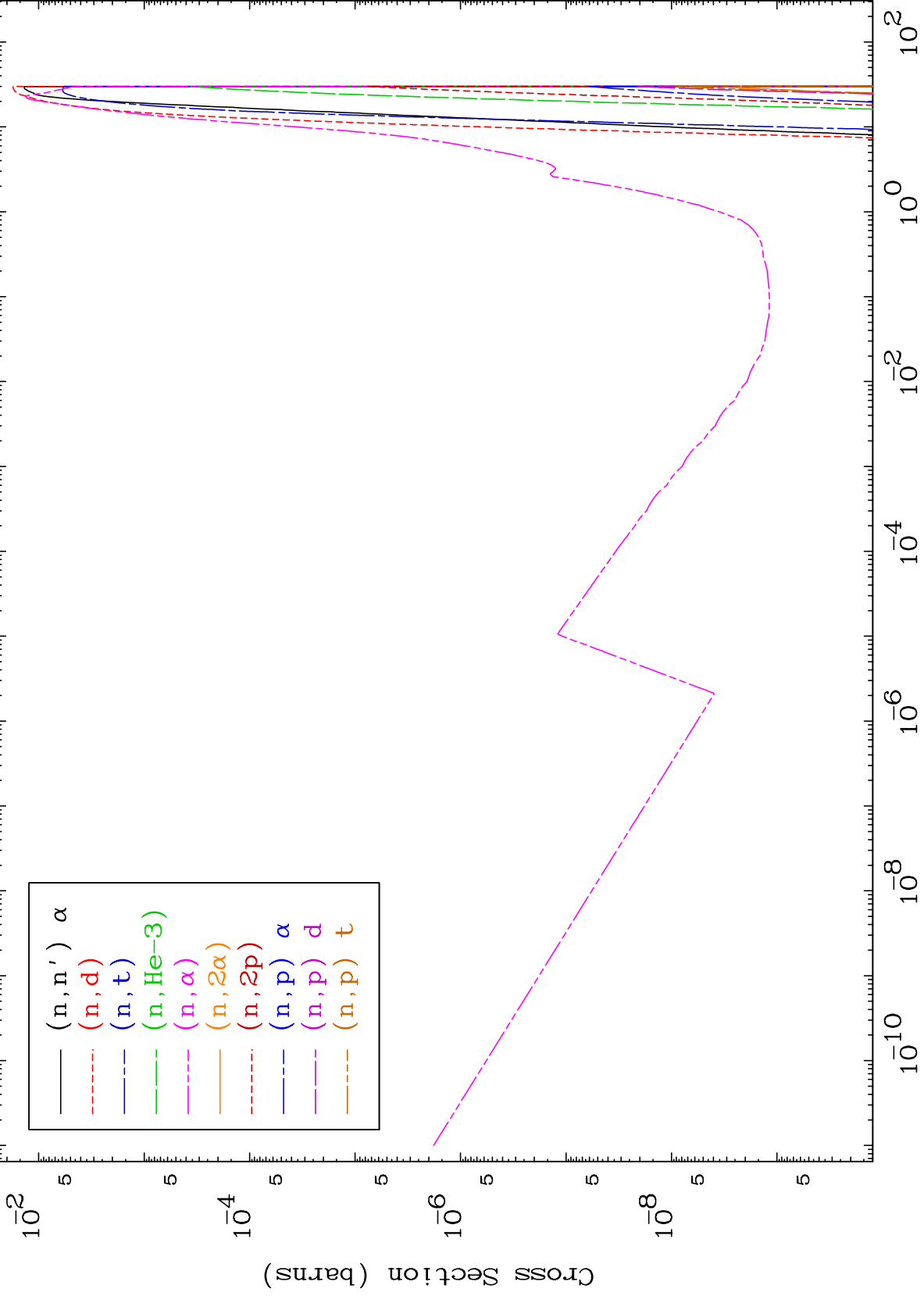
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MAT 81116

Charged Particle  
293 Kelvin Cross Sections

81-Tl-200



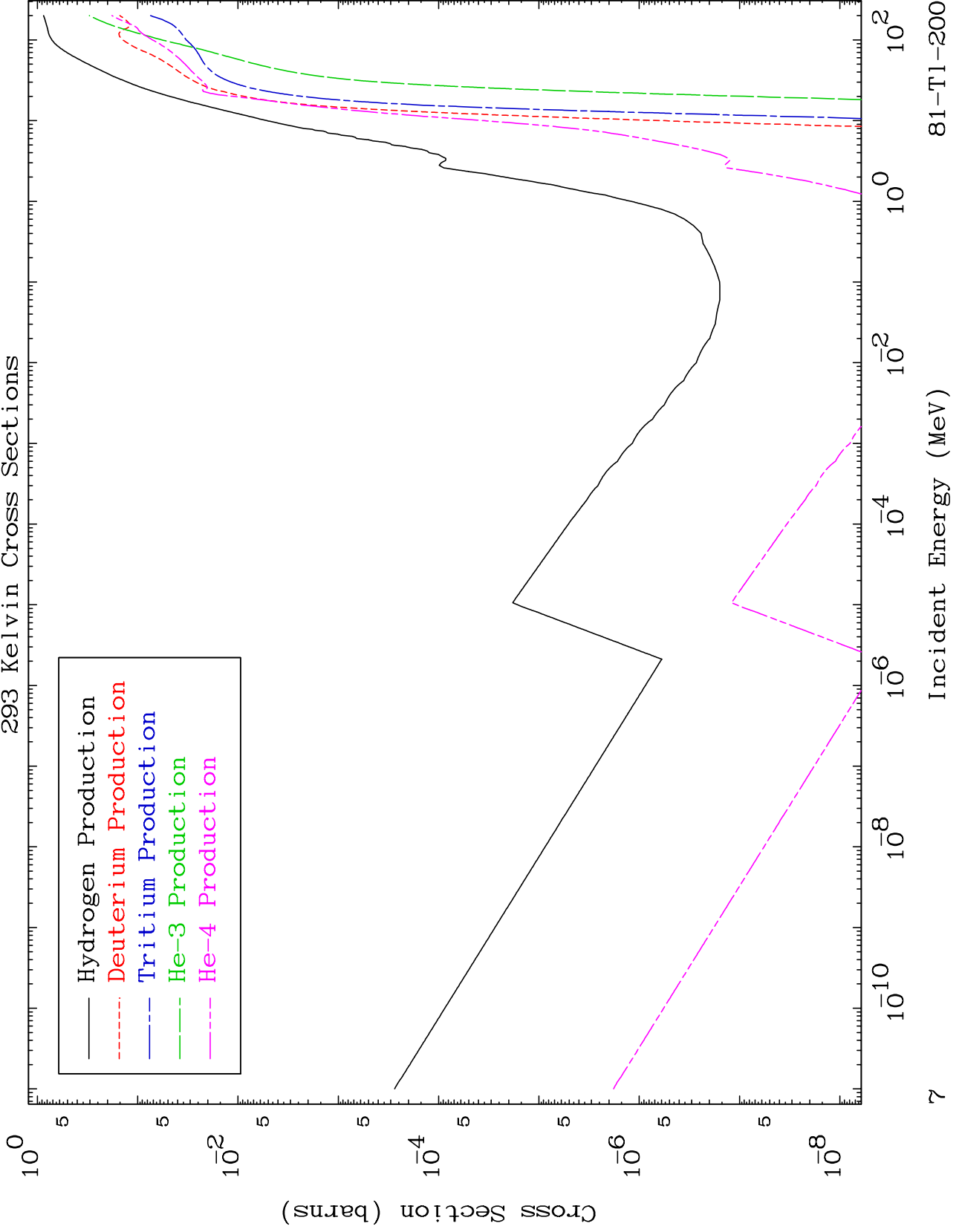
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Incident Energy (MeV)

MAT 81116

Particle Production  
293 Kelvin Cross Sections

81-T1-200

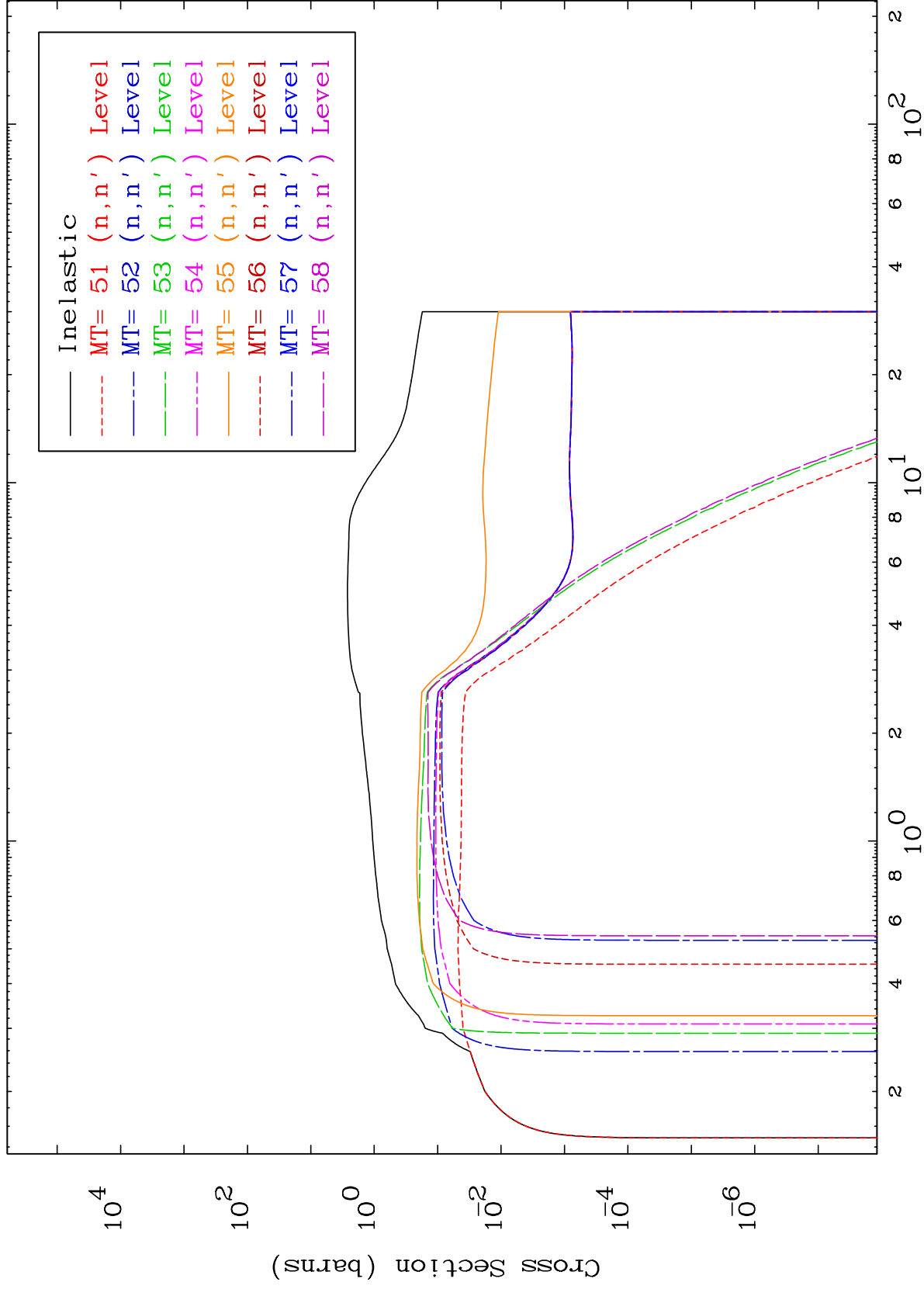


MAT 81116

(n,n') Levels

81-Tl-200

293 Kelvin Cross Sections

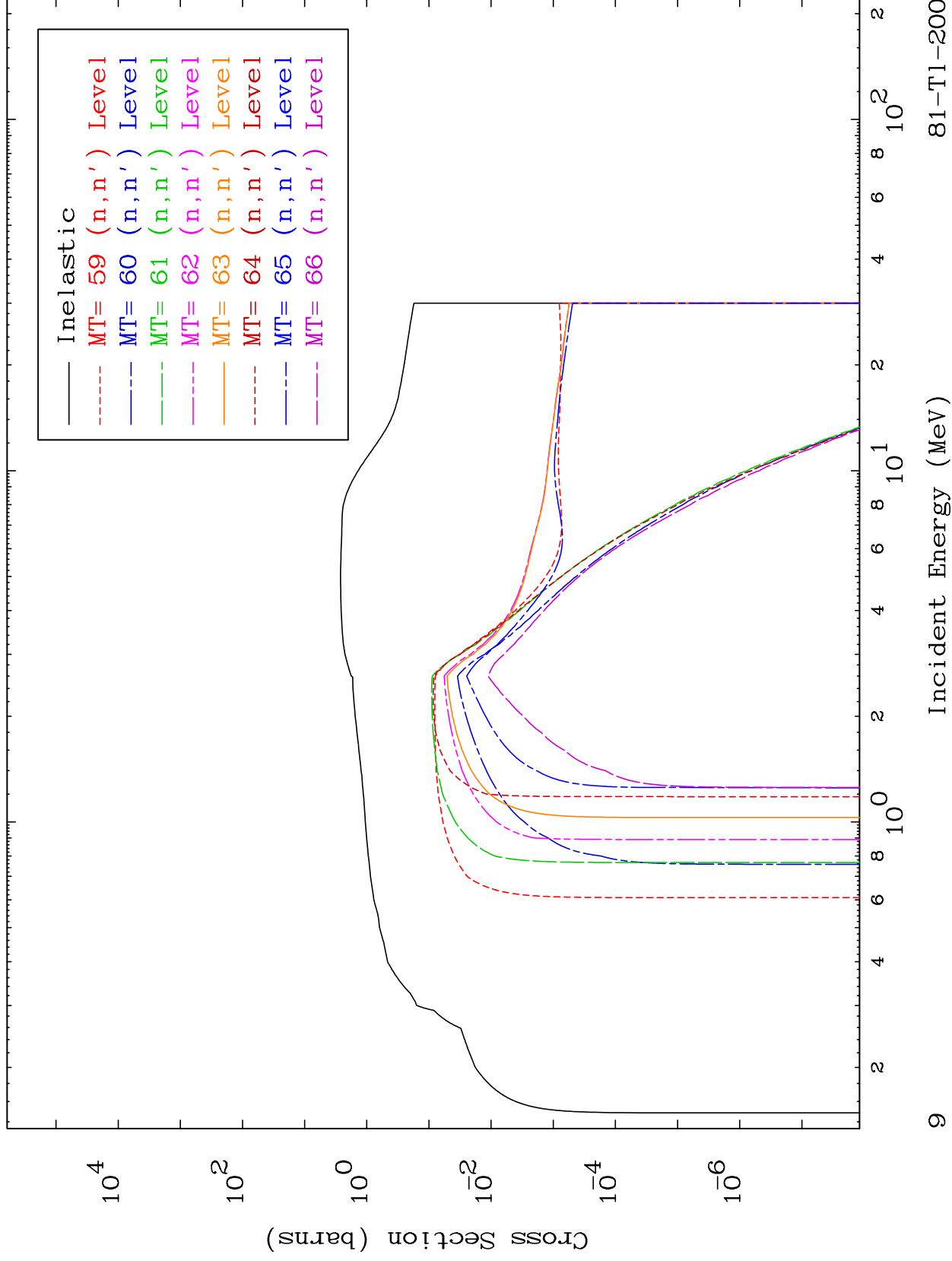


MAT 81116

(n,n') Levels

81-Tl-200

293 Kelvin Cross Sections

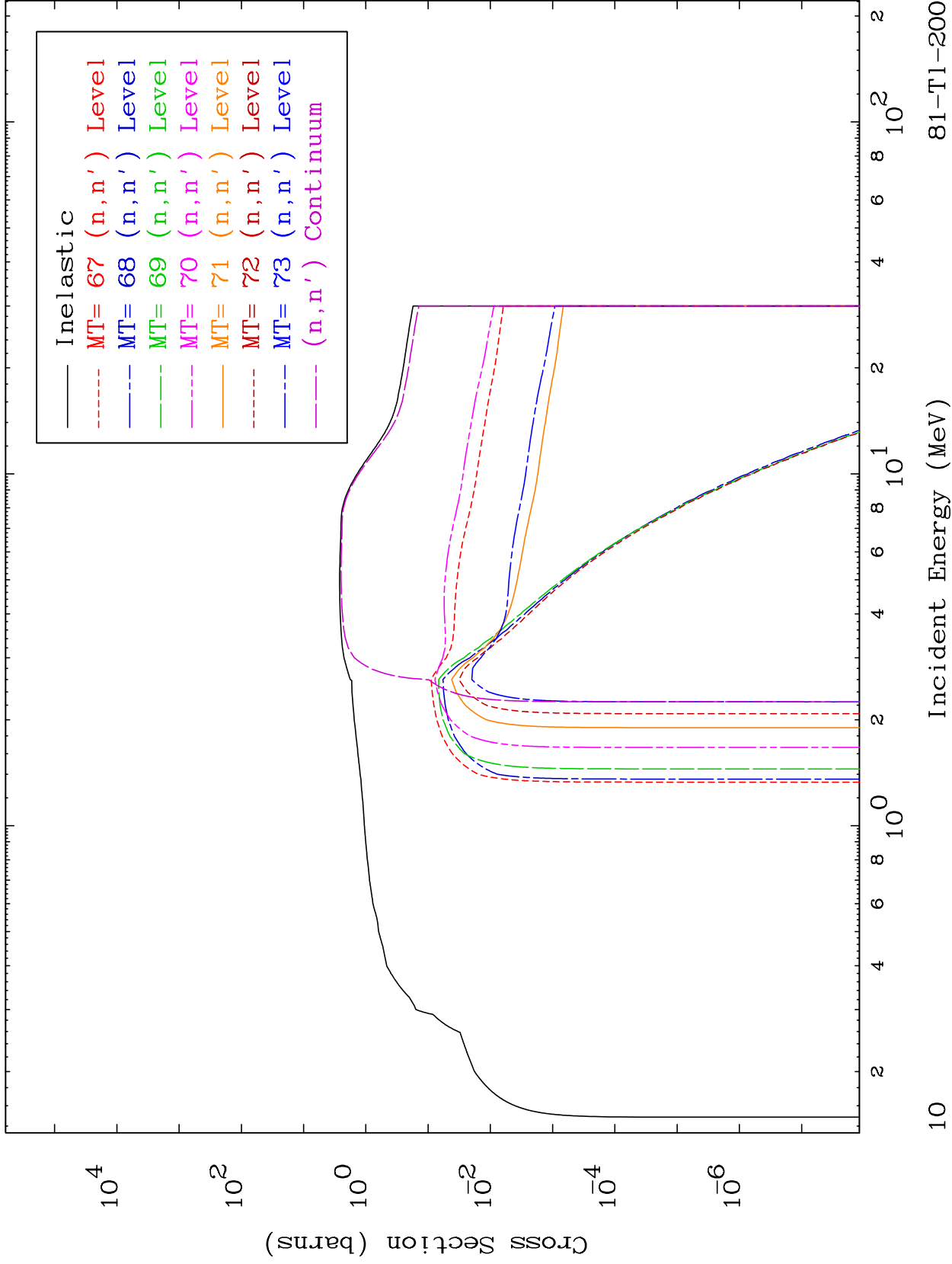


MAT 81116

(n,n') Levels

81-Tl-200

293 Kelvin Cross Sections



10

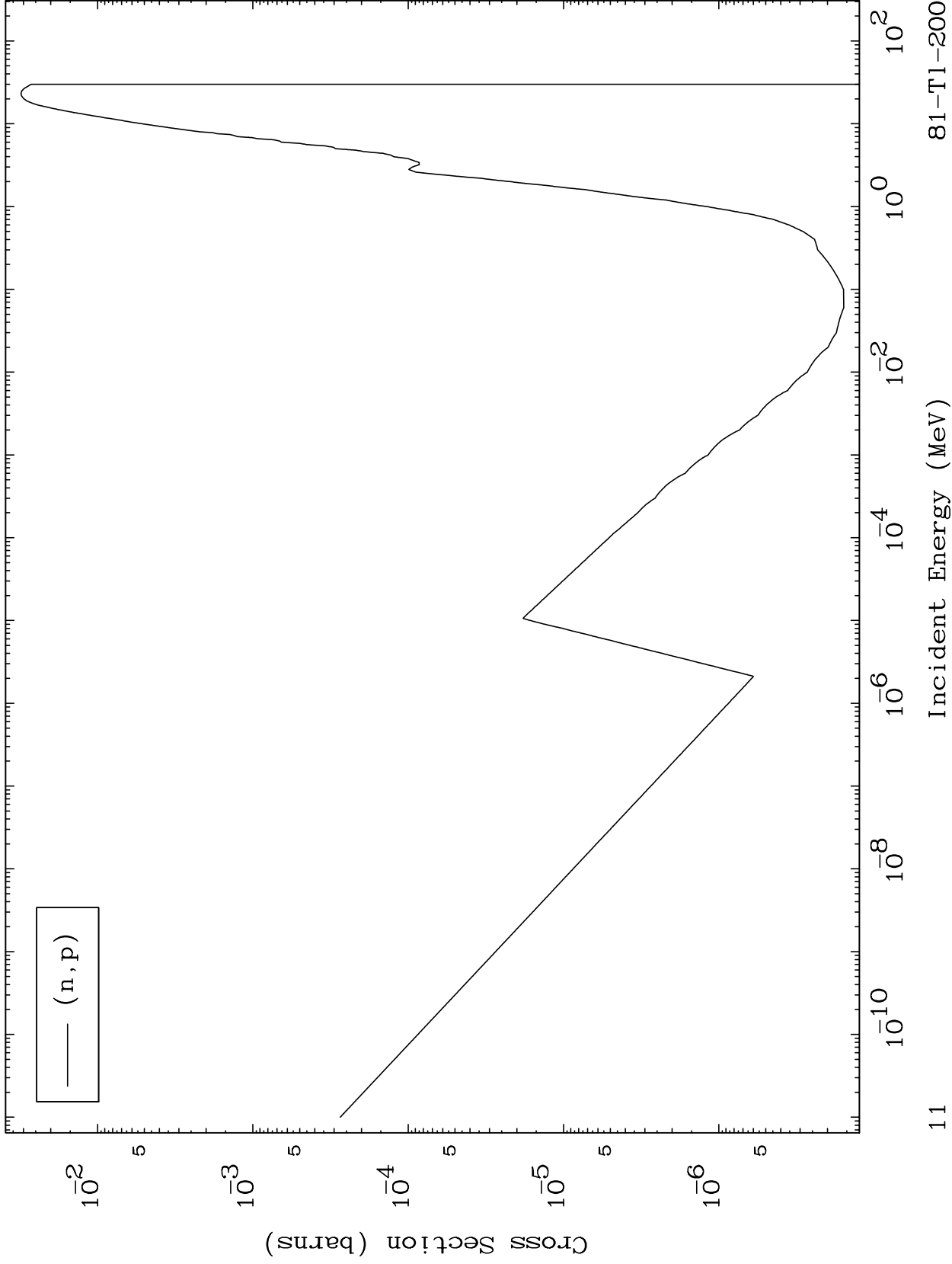
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,p) Levels  
293 Kelvin Cross Sections

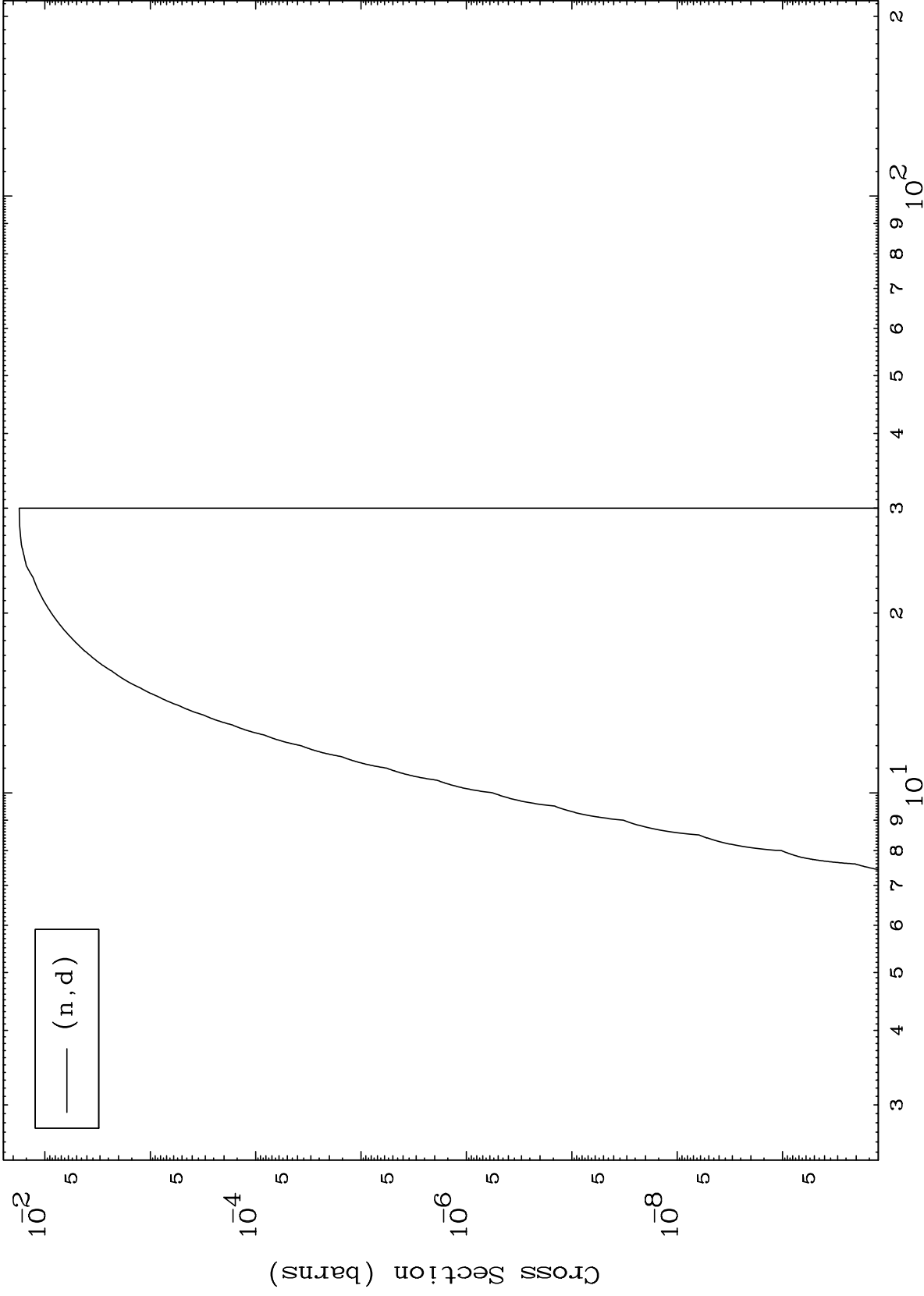
81-Tl-200



MAT 81116

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-200



12

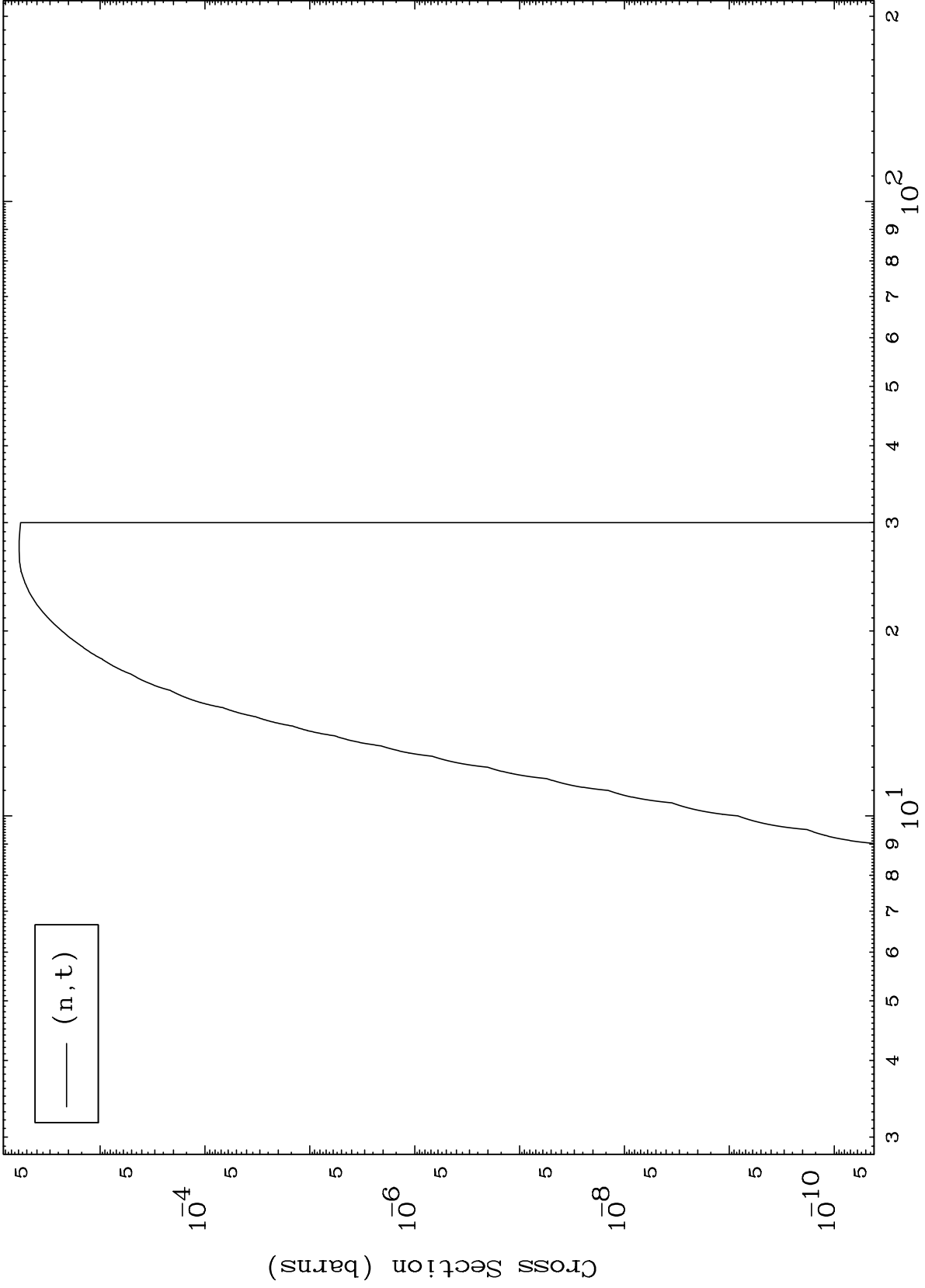
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-200



13

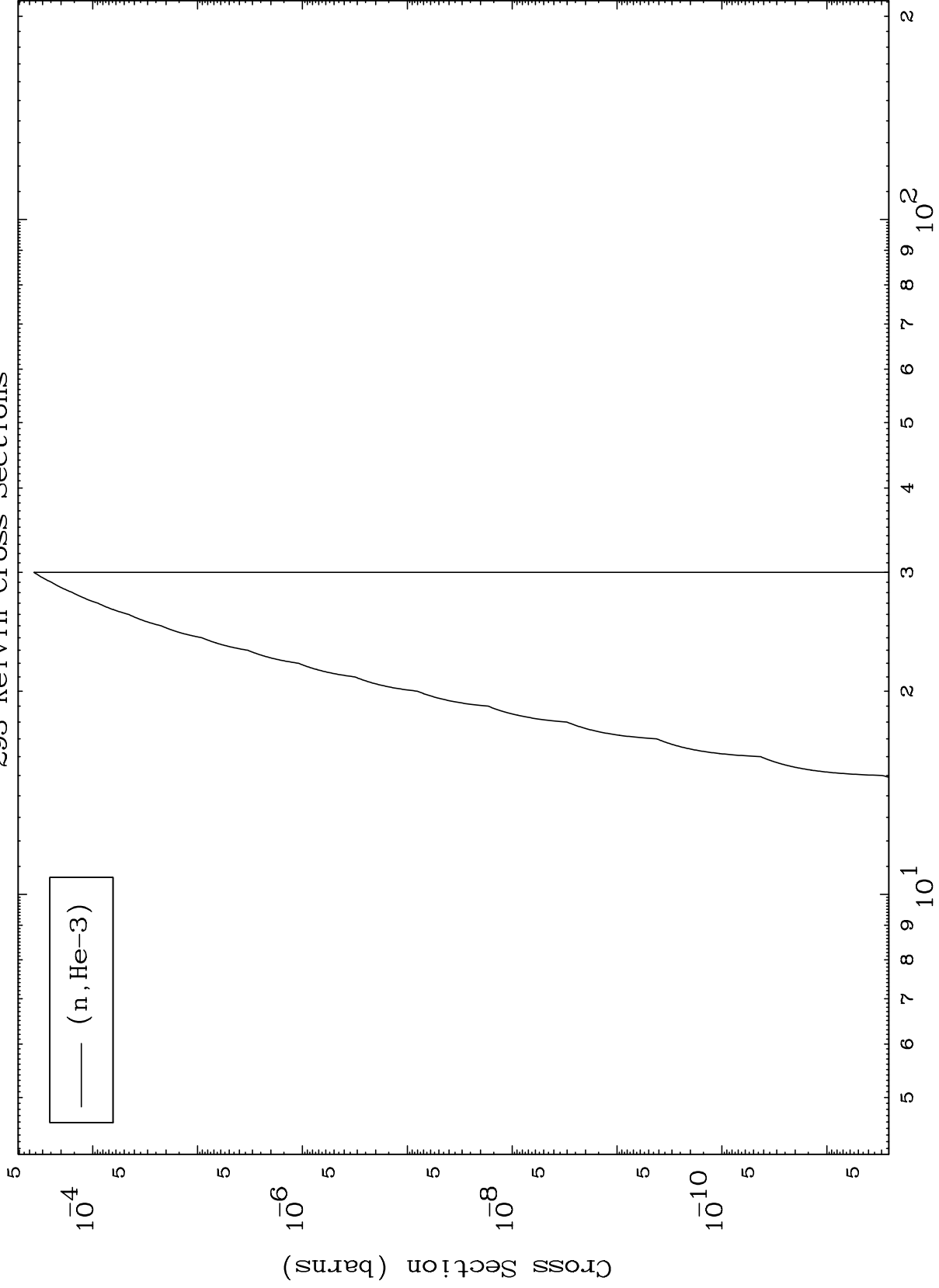
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-200



14

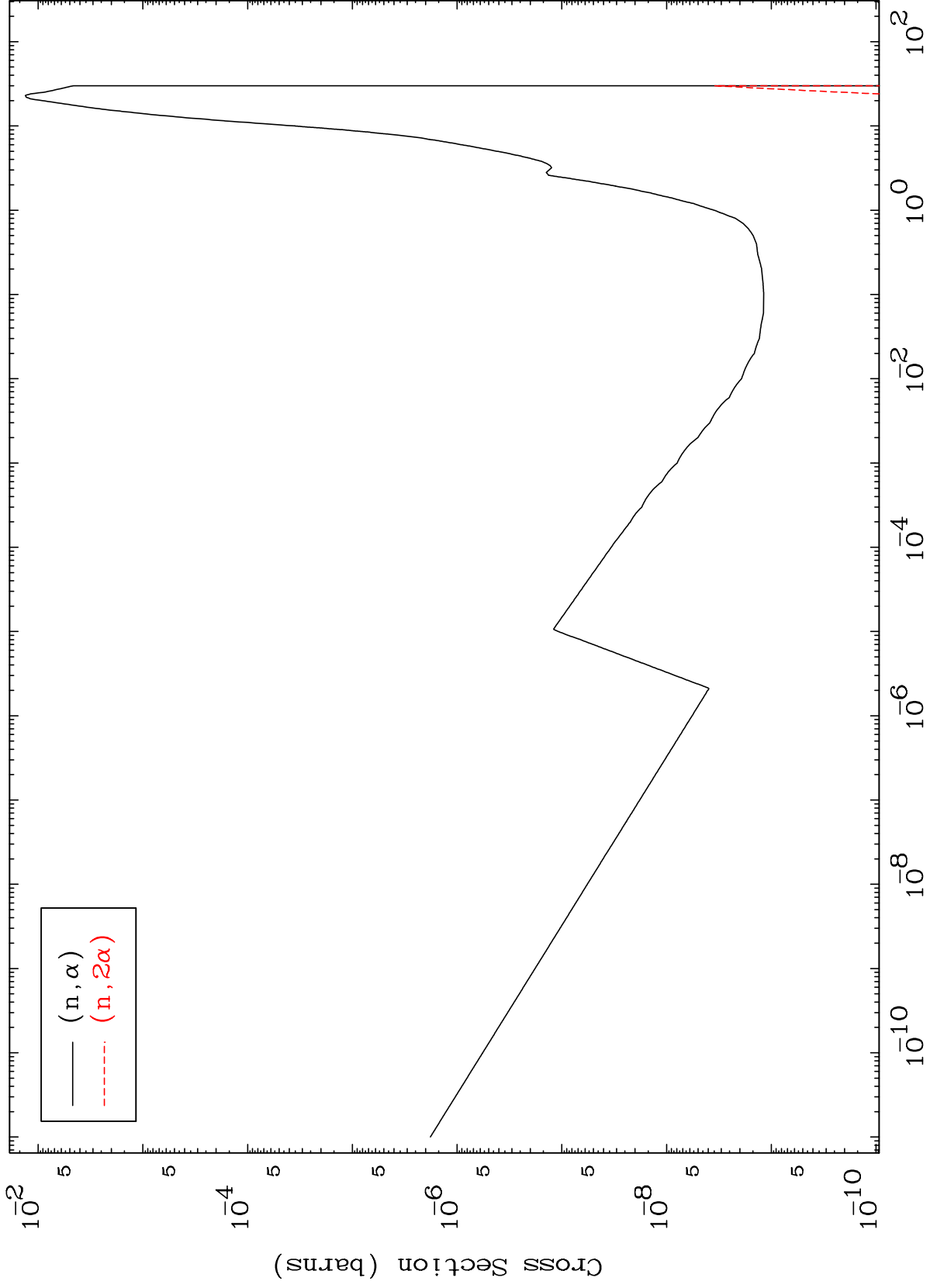
Incident Energy (MeV)

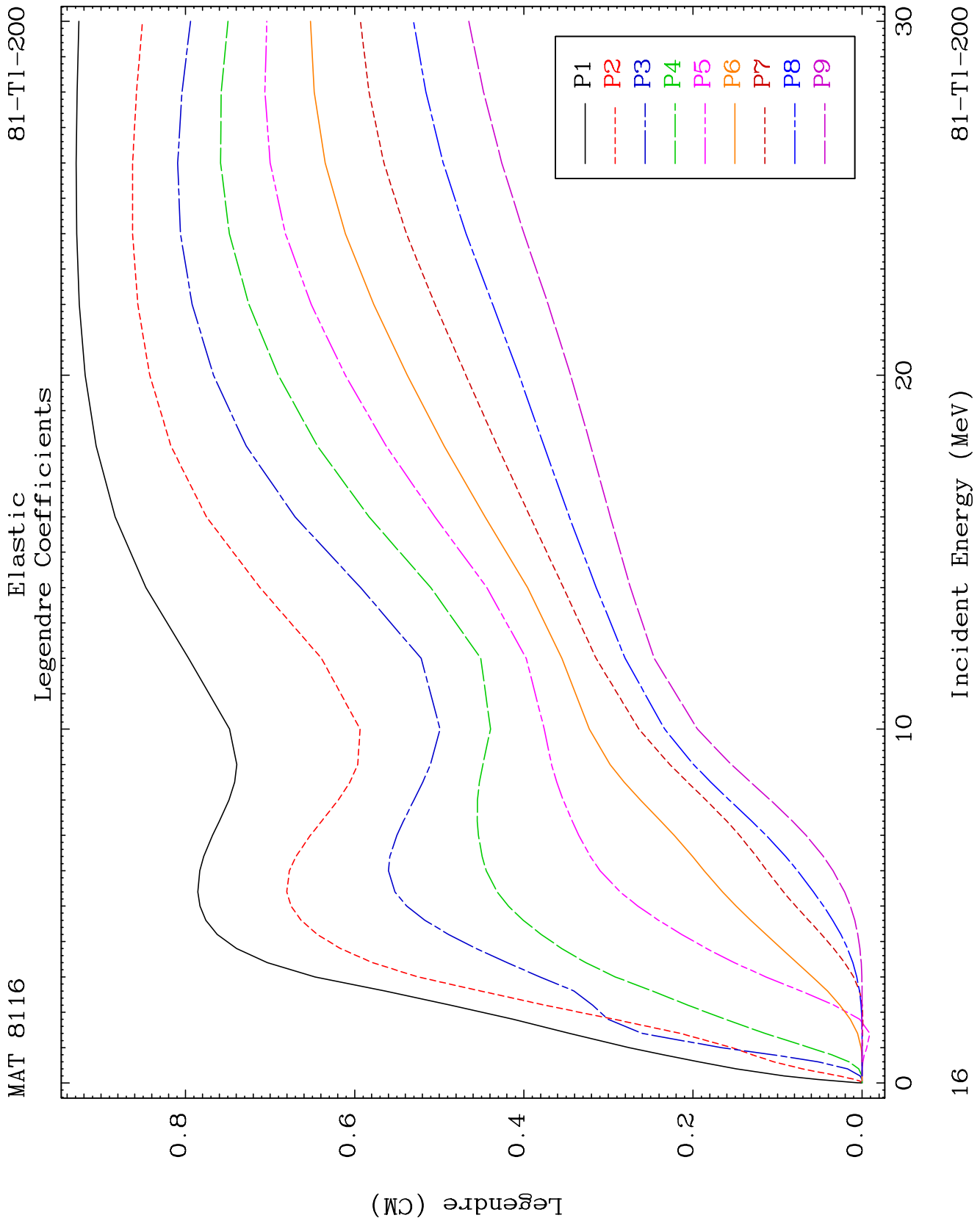
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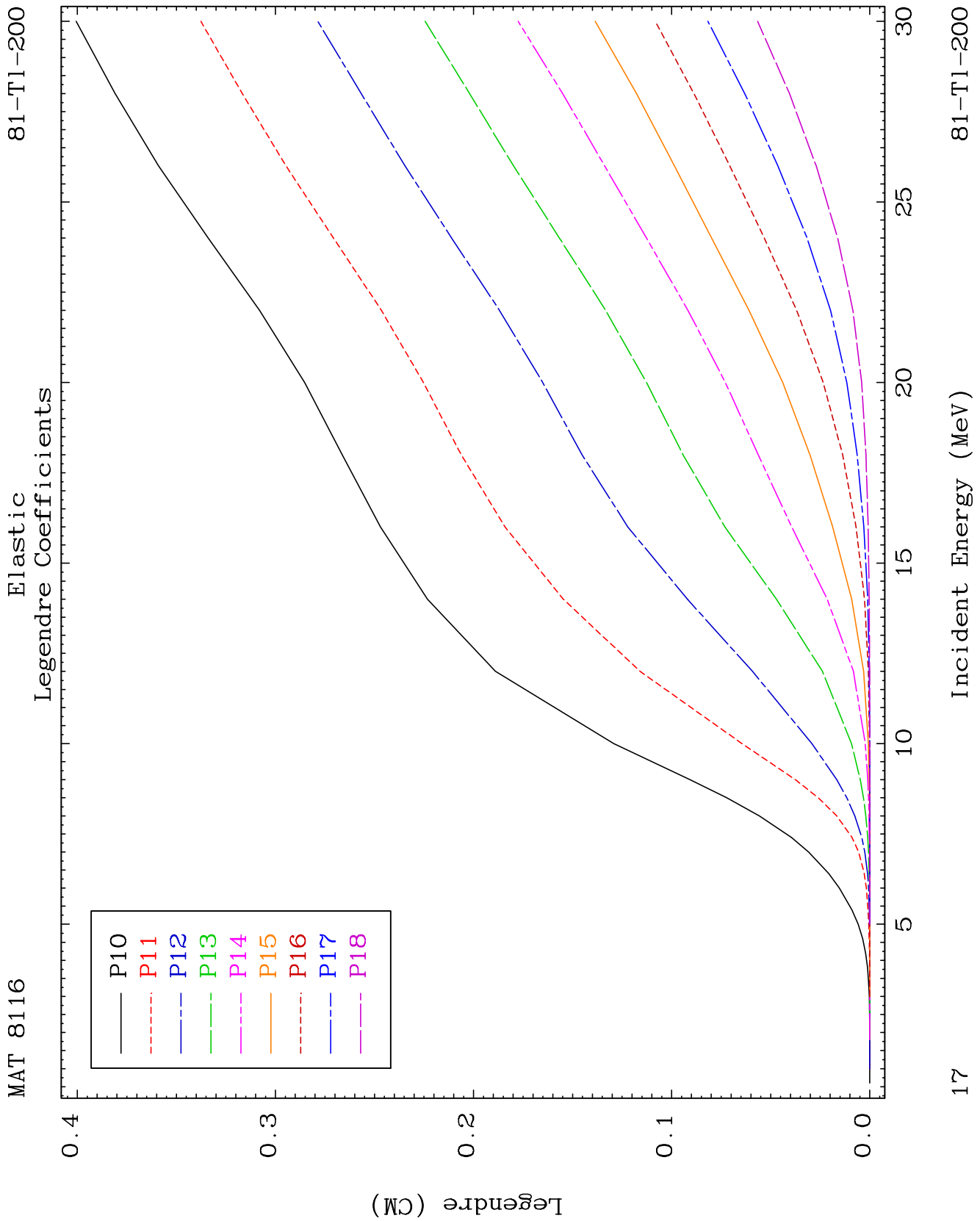
MAT 81116

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

81-Tl-200



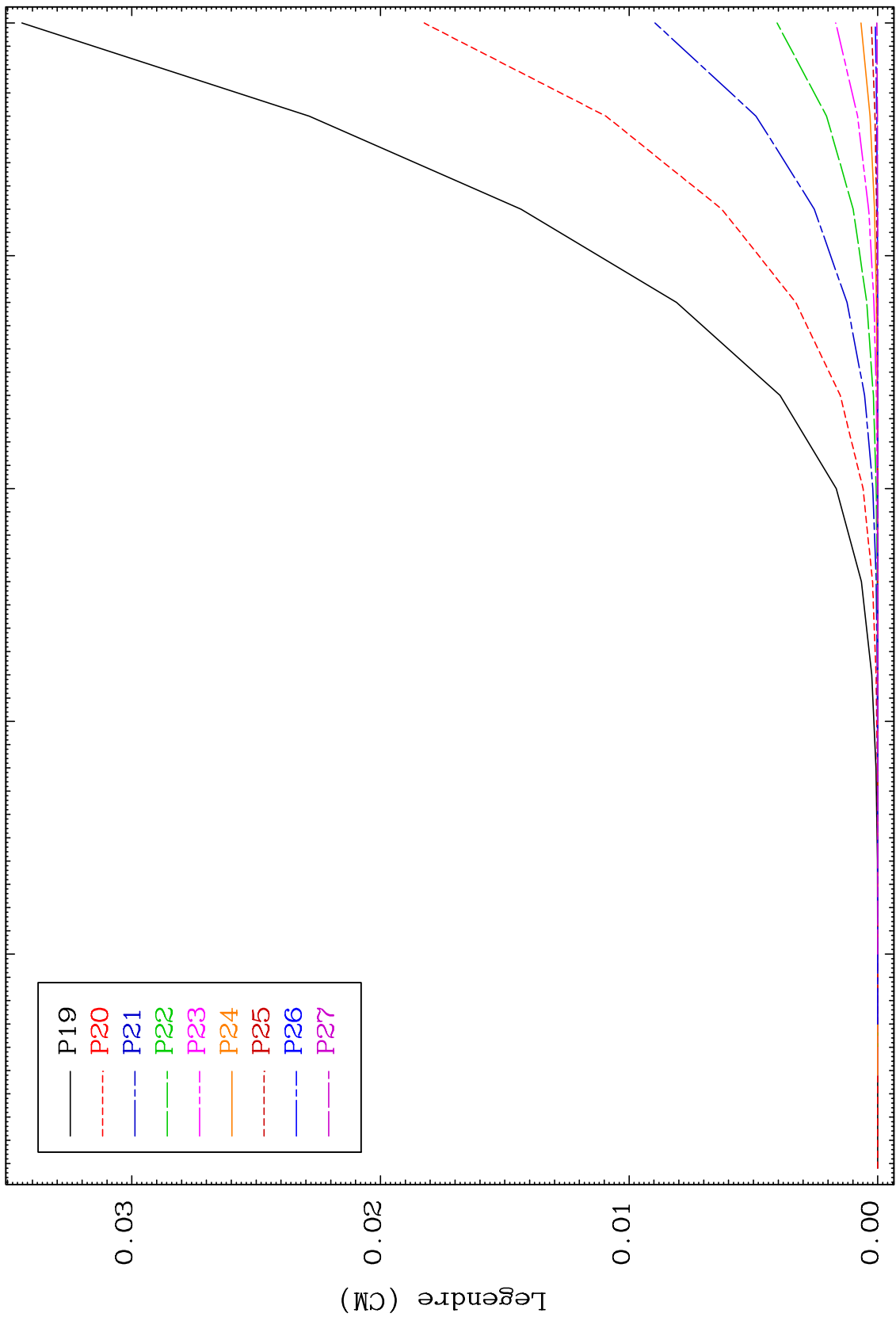




MAT 8116

### Elastic Legendre Coefficients

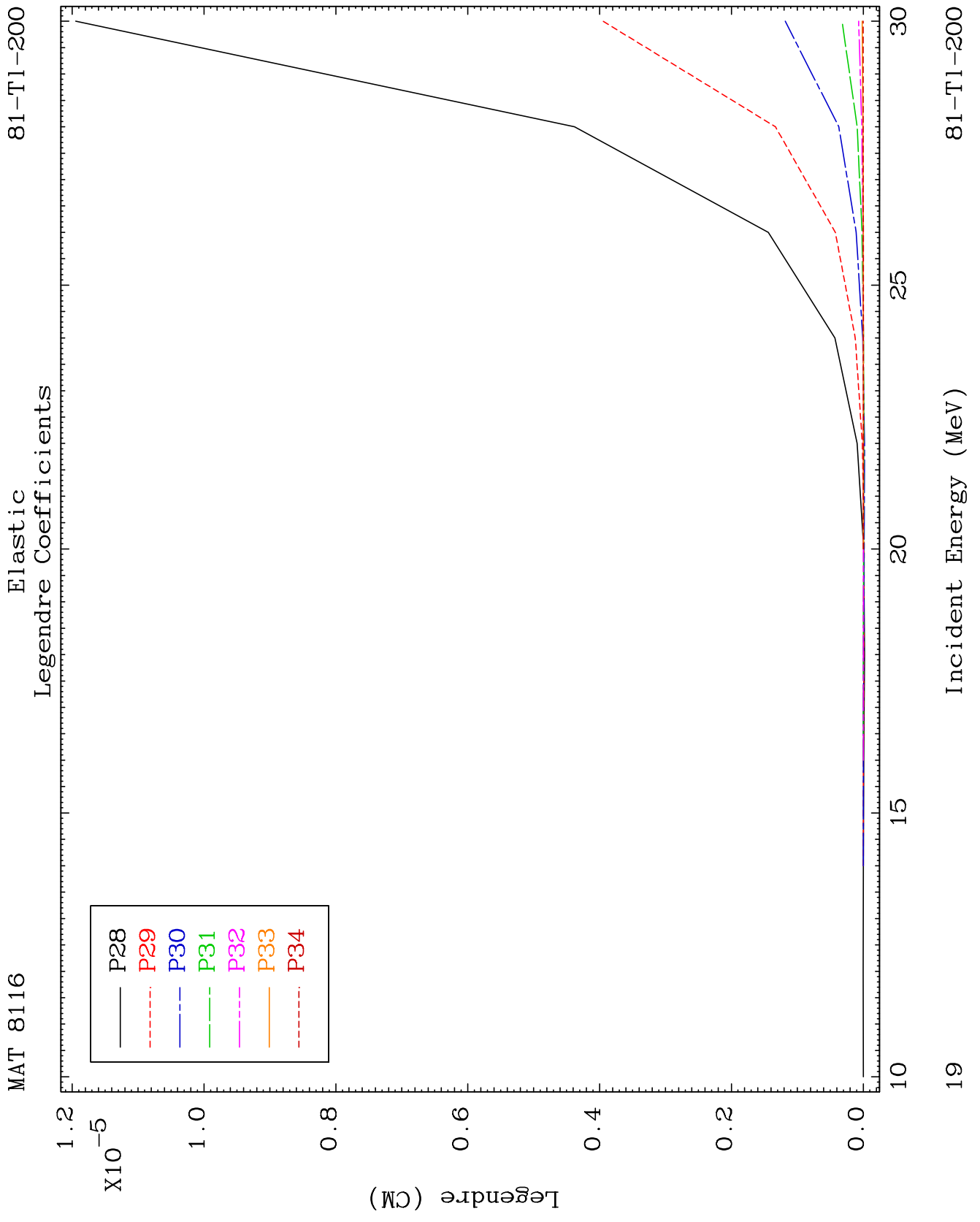
81-T1-200



18

Incident Energy (MeV)

81-T1-200

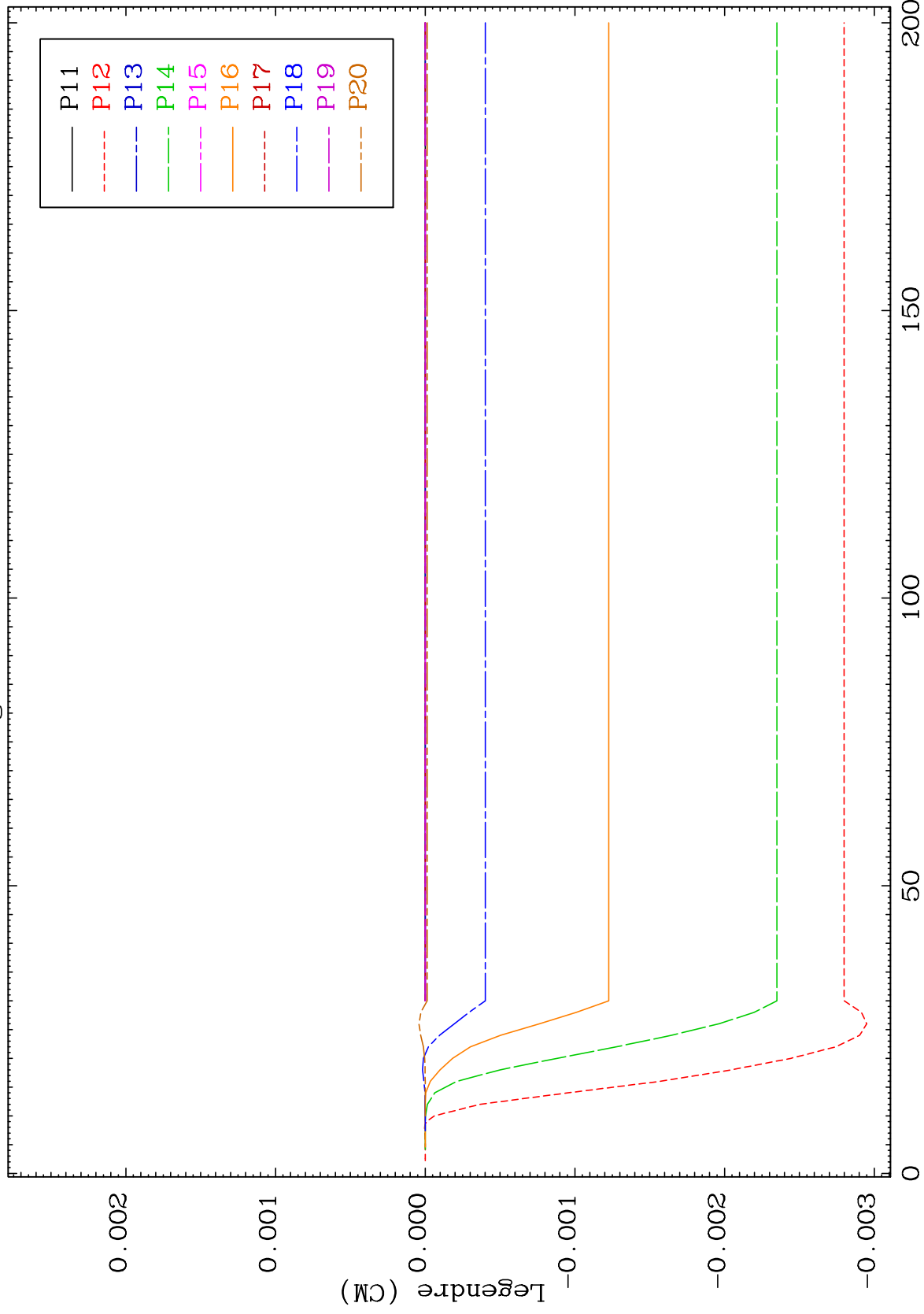




MAT 81116

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

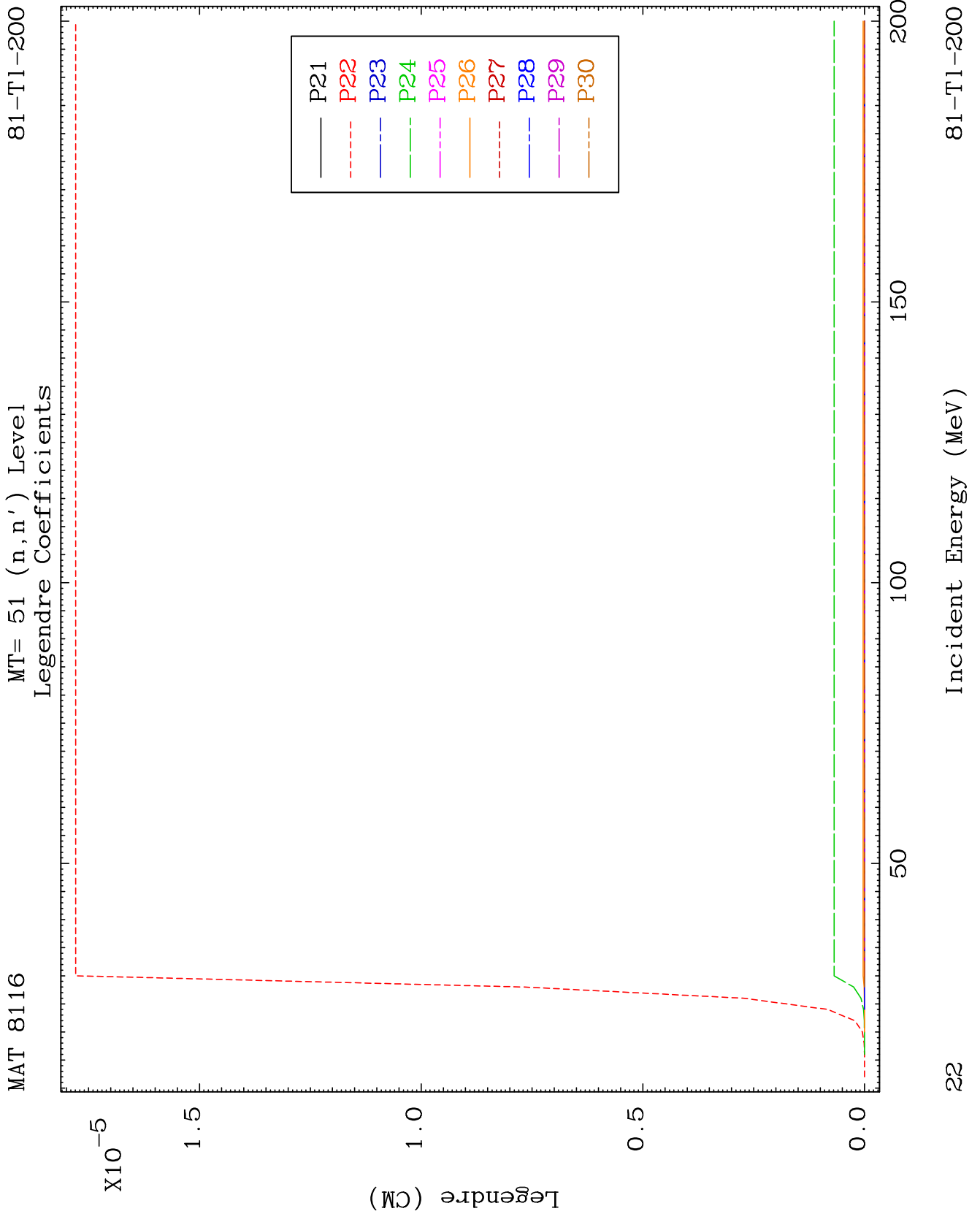
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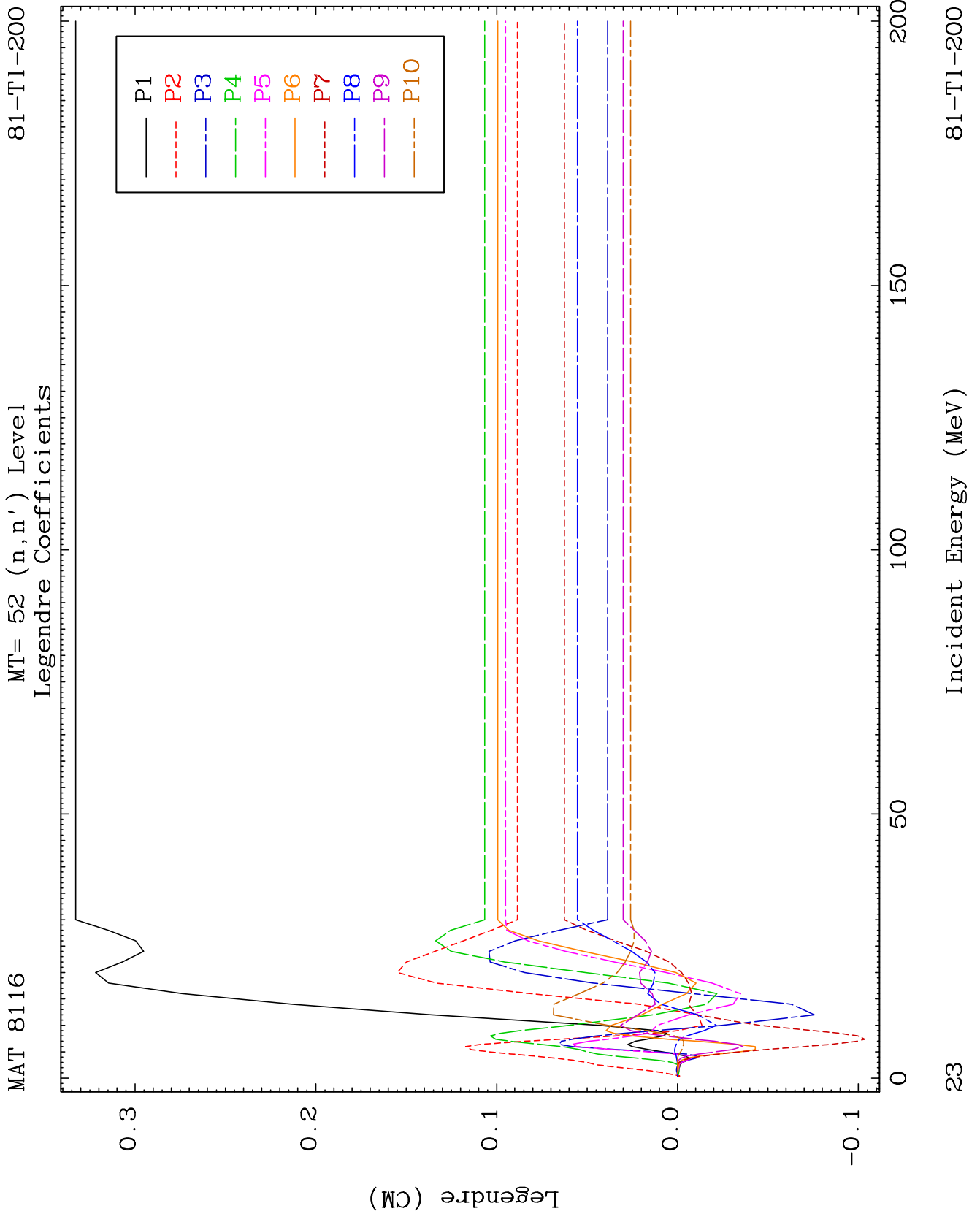


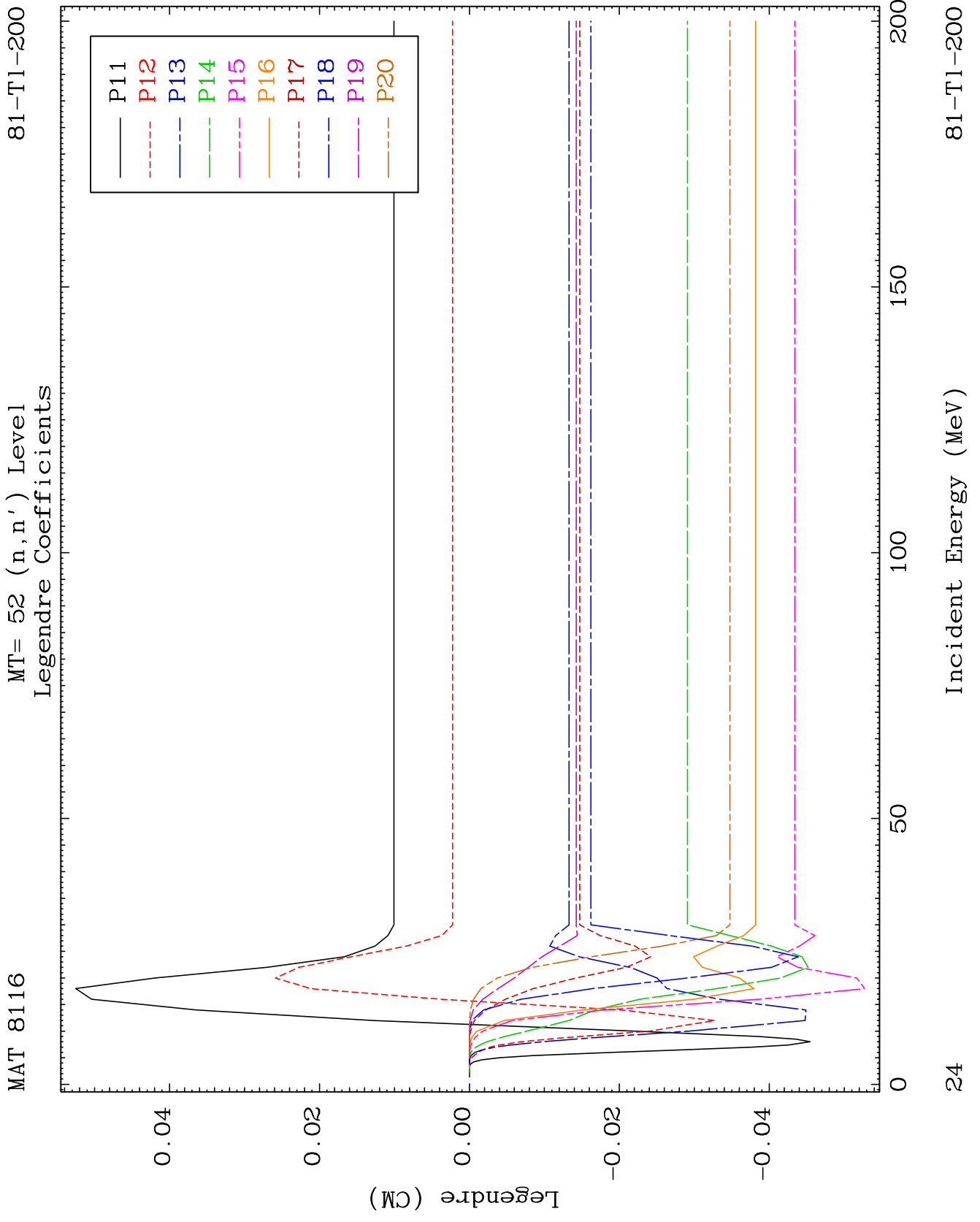
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Incident Energy (MeV)

81-T1-200



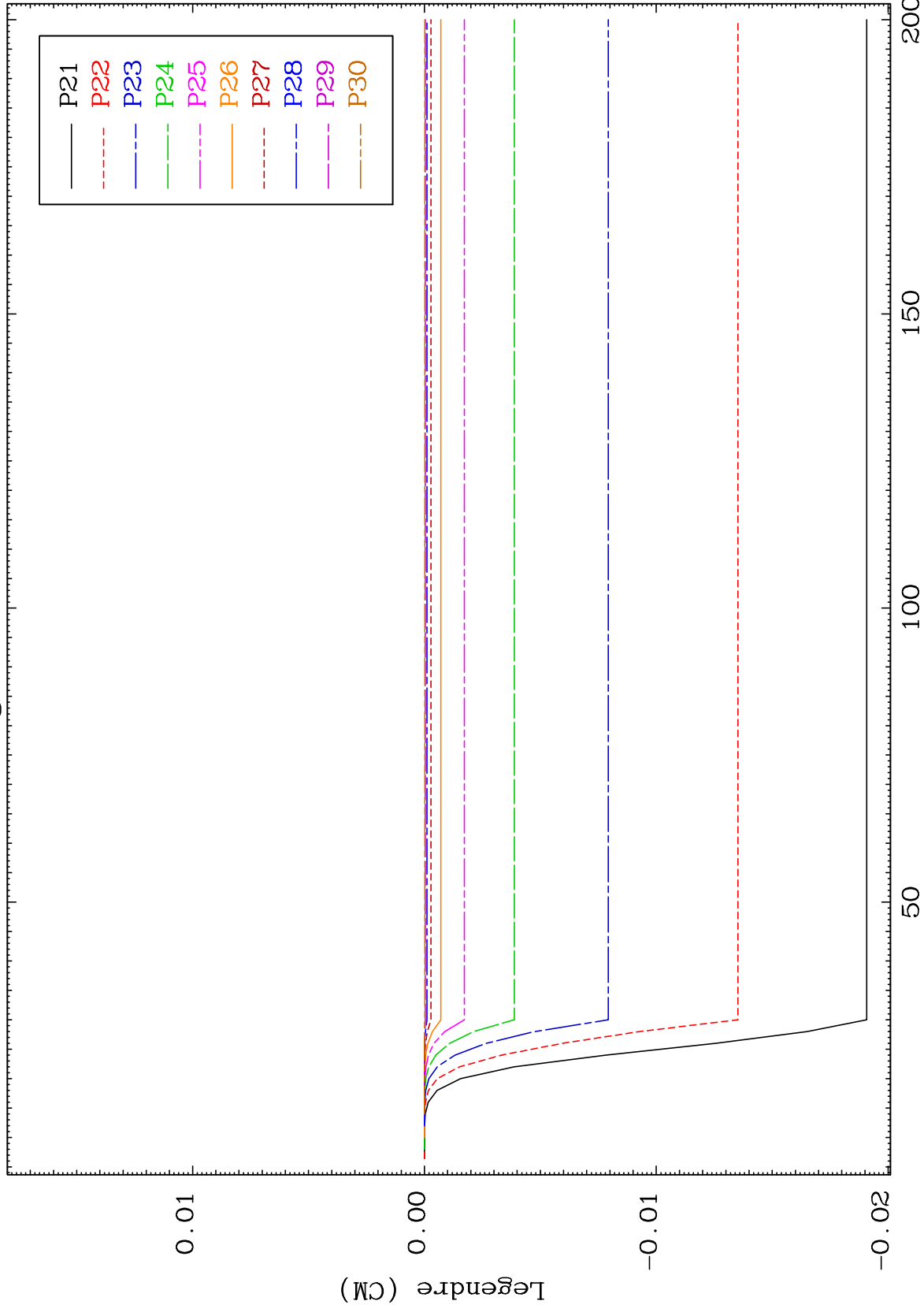




MAT 81116

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Legendre Coefficients

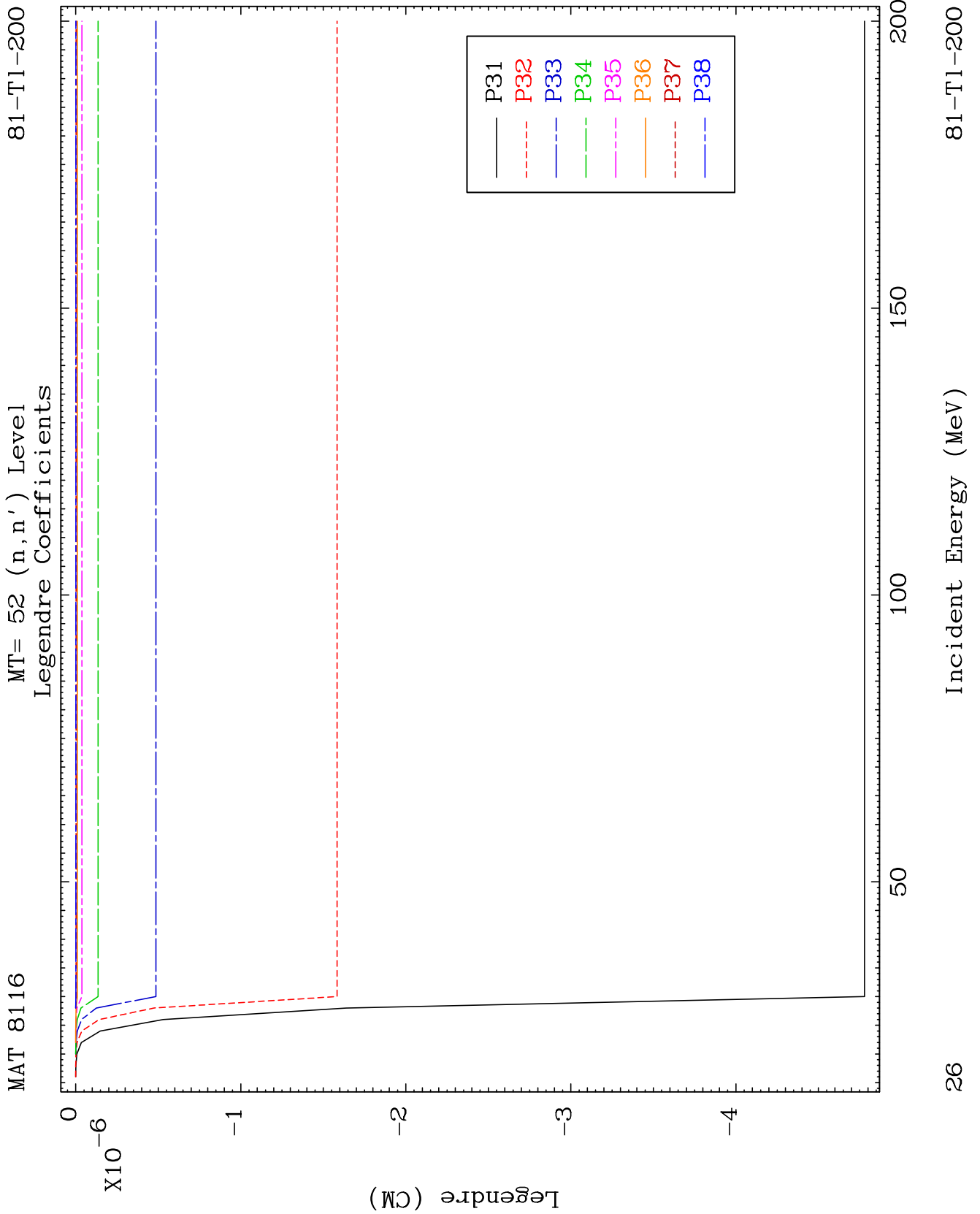
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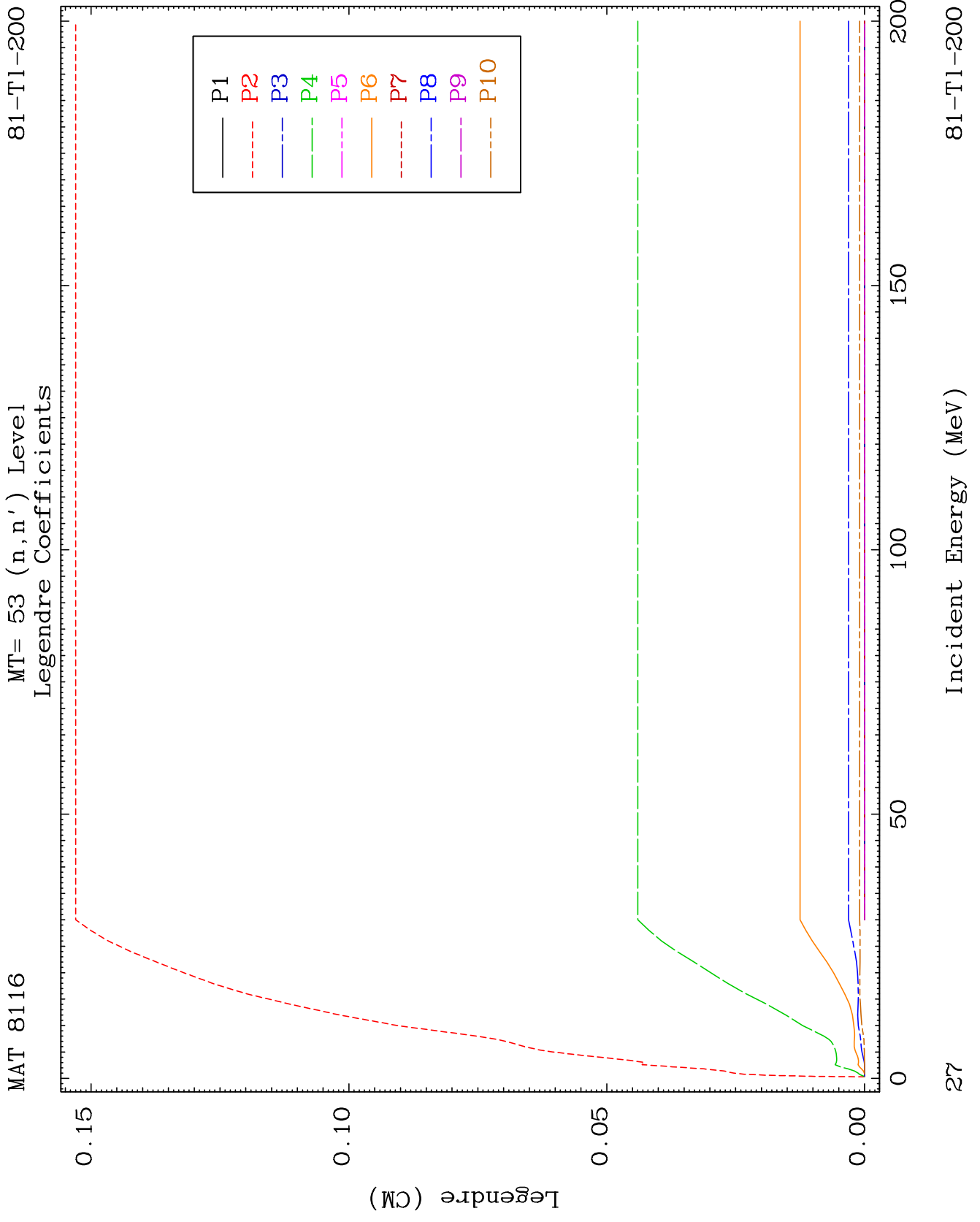


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Incident Energy (MeV)

81-T1-200

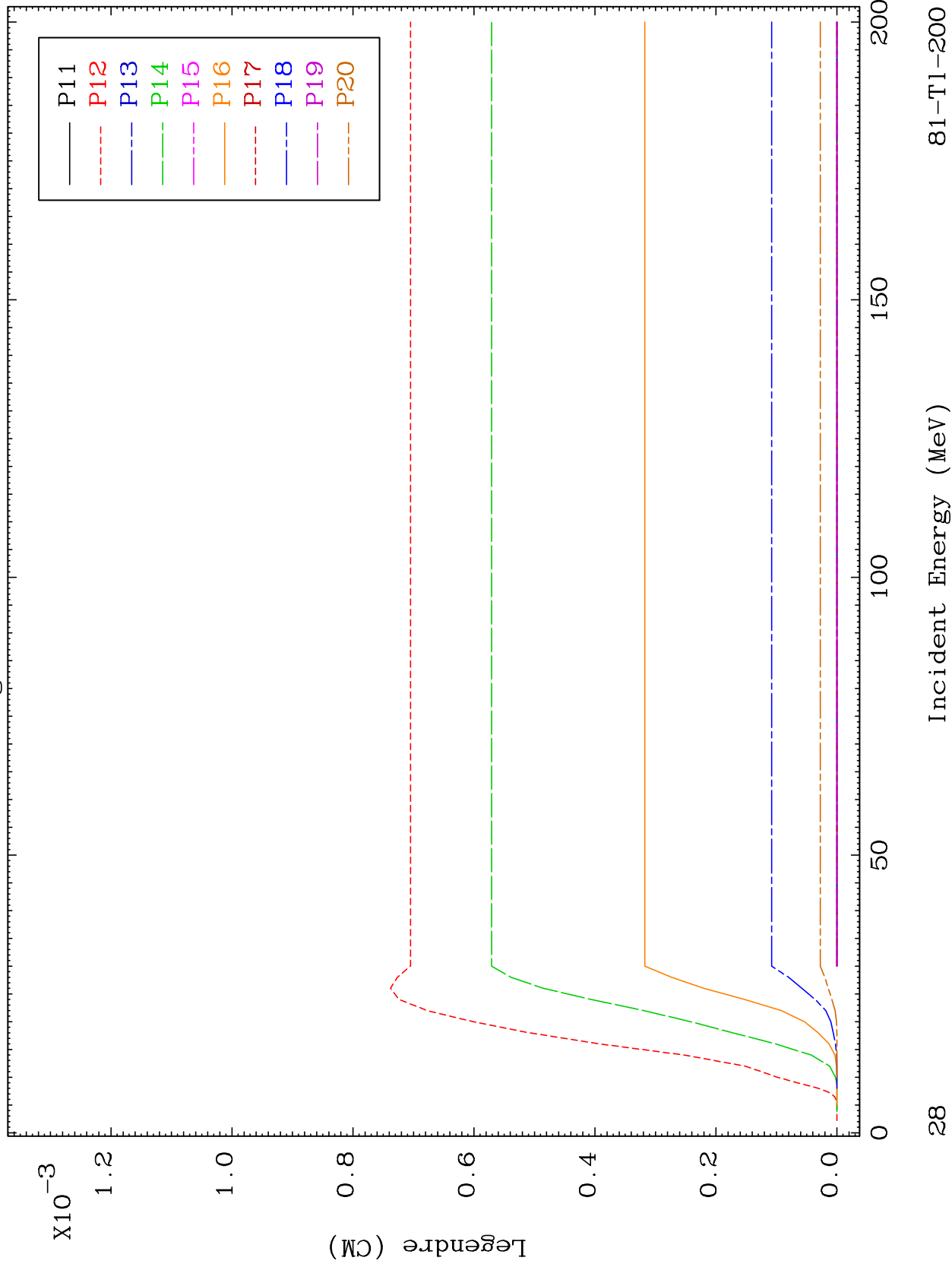




MAT 81116

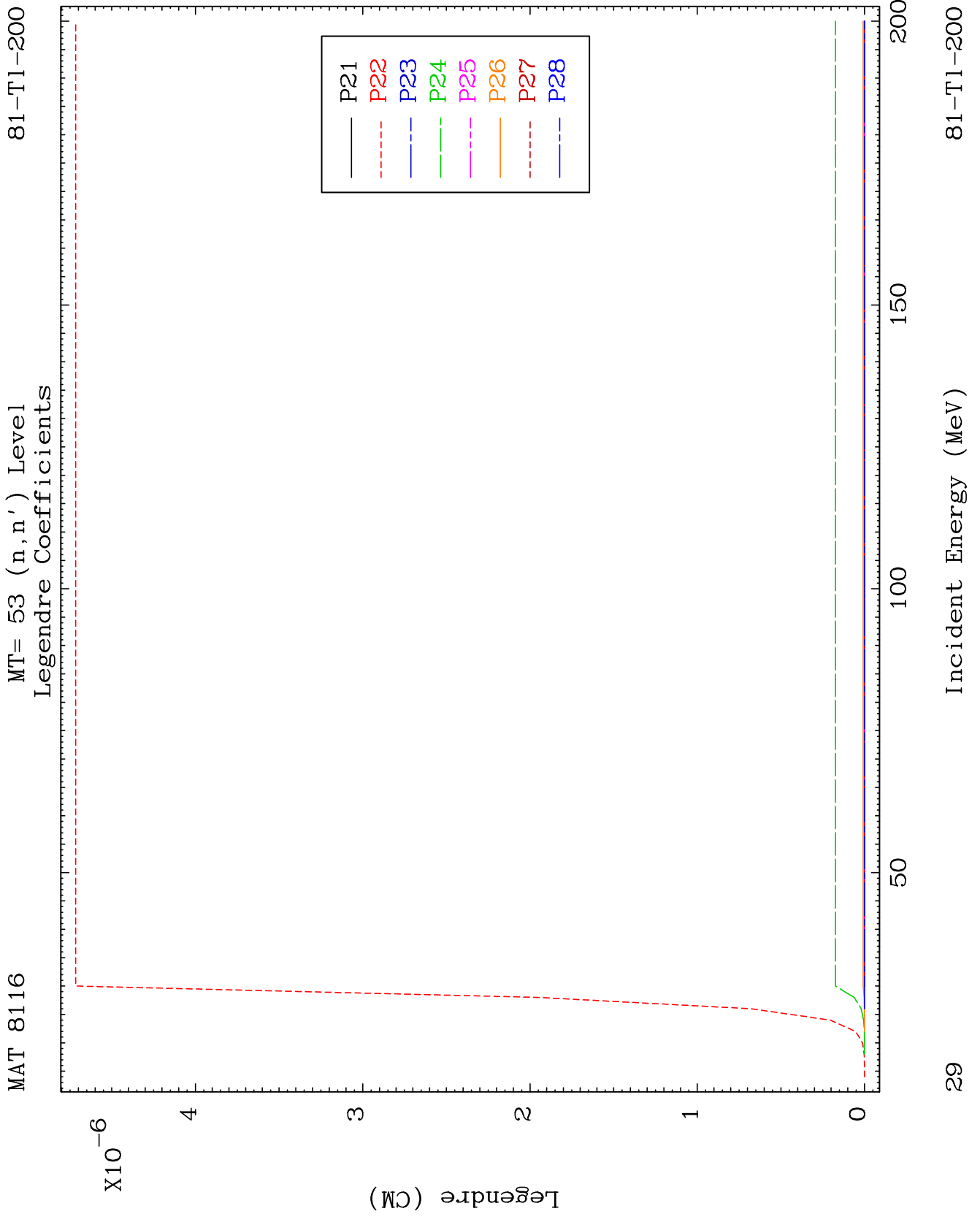
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Legendre Coefficients

81-T1-200

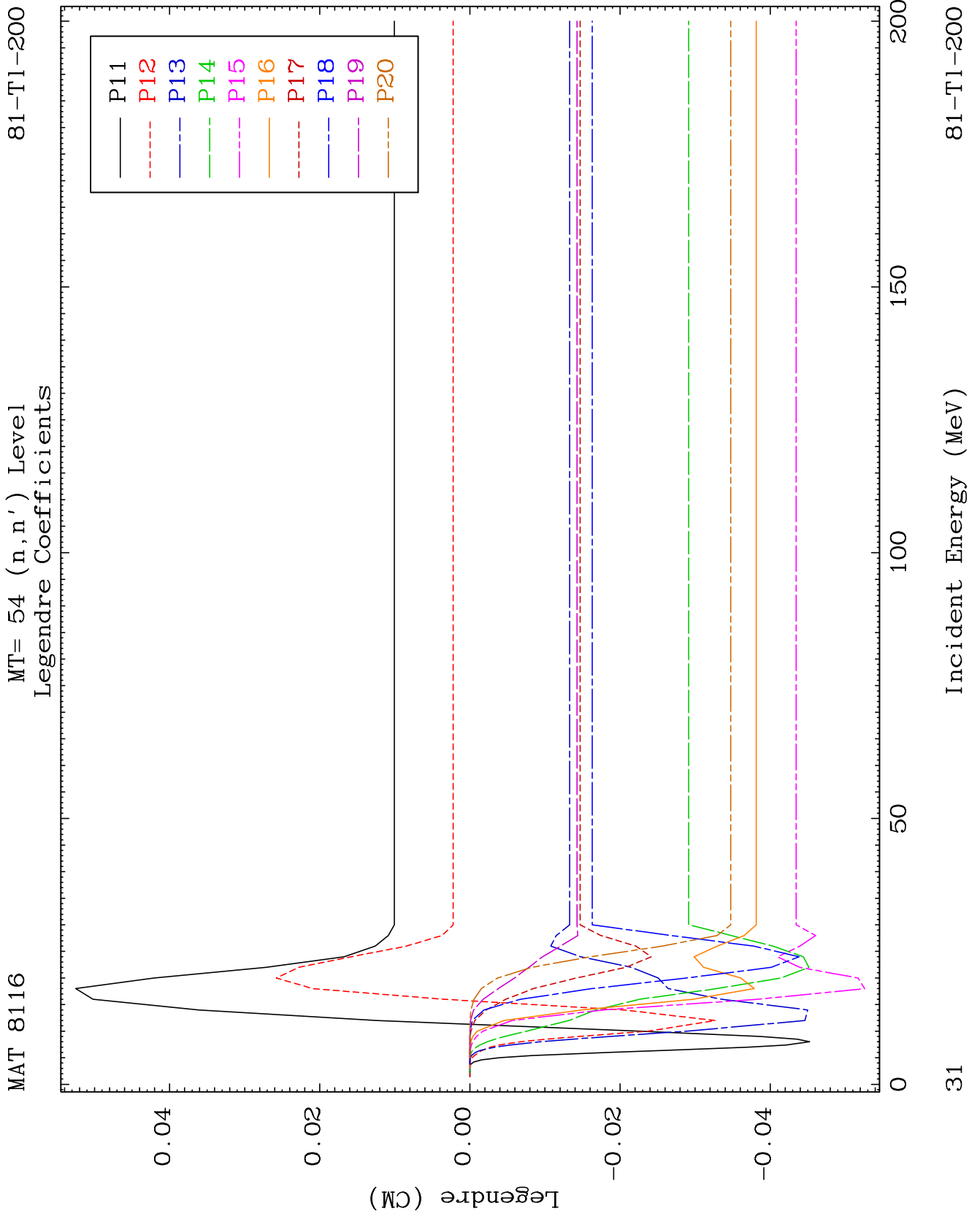


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81-T1-200



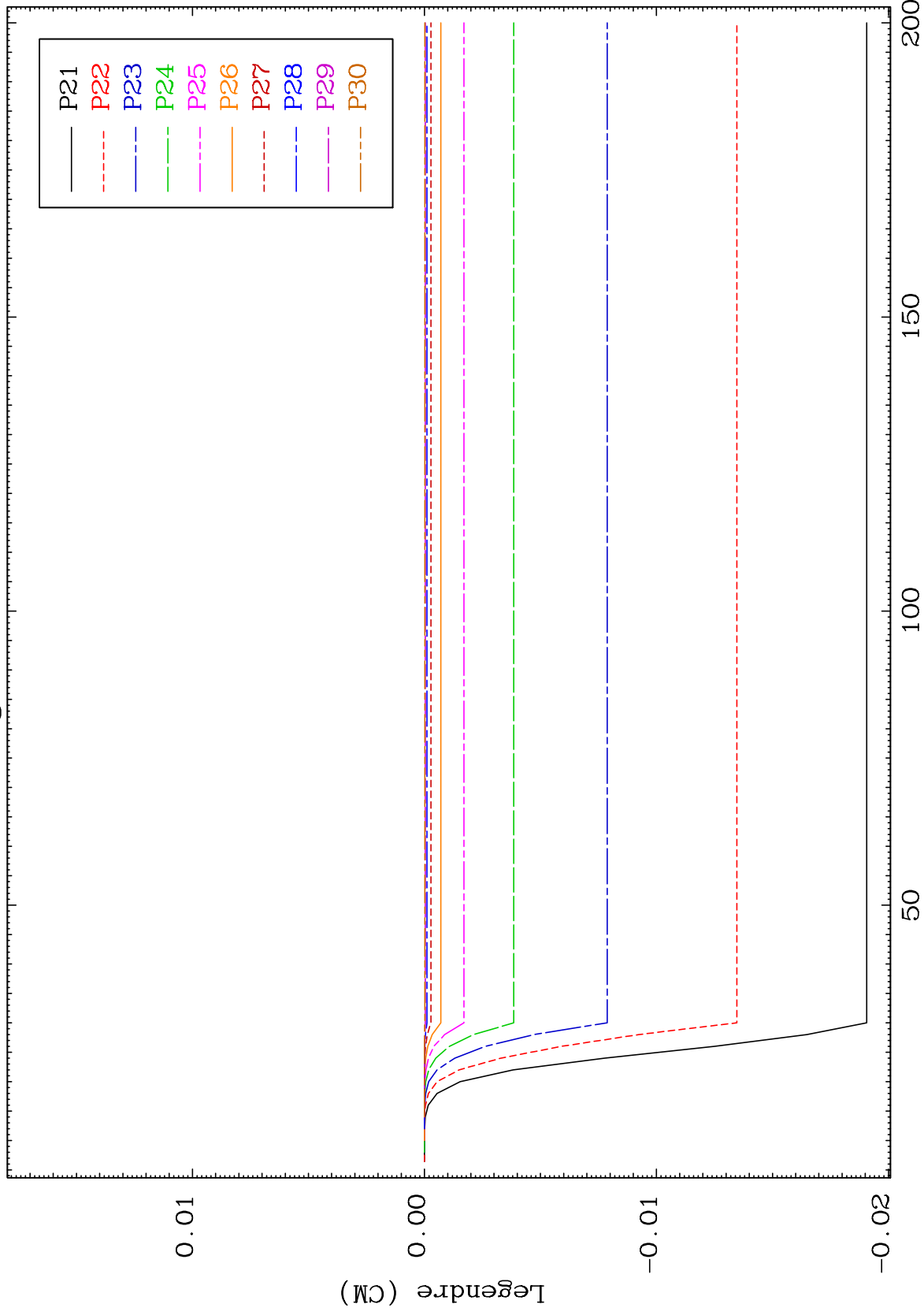




MAT 81116

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

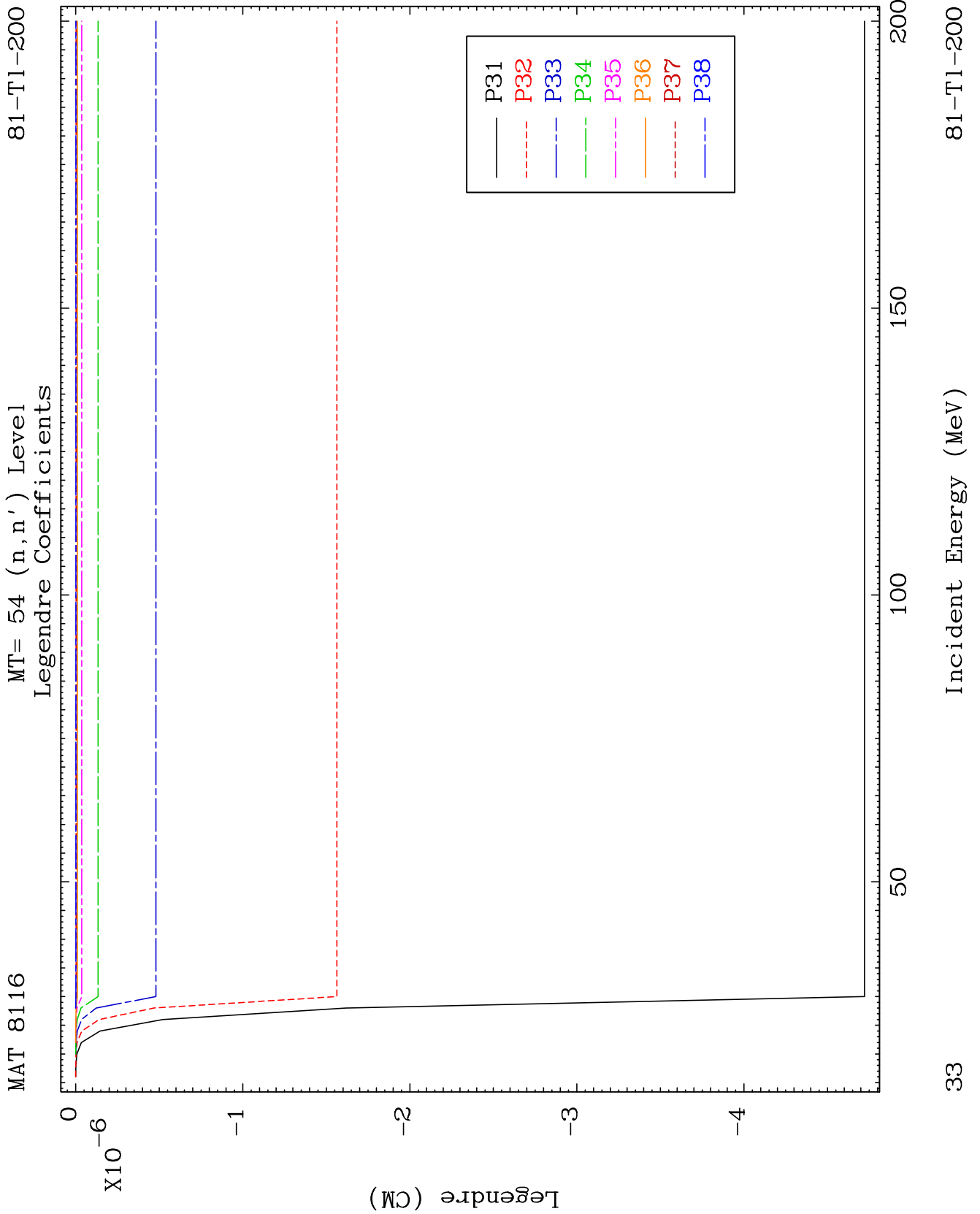
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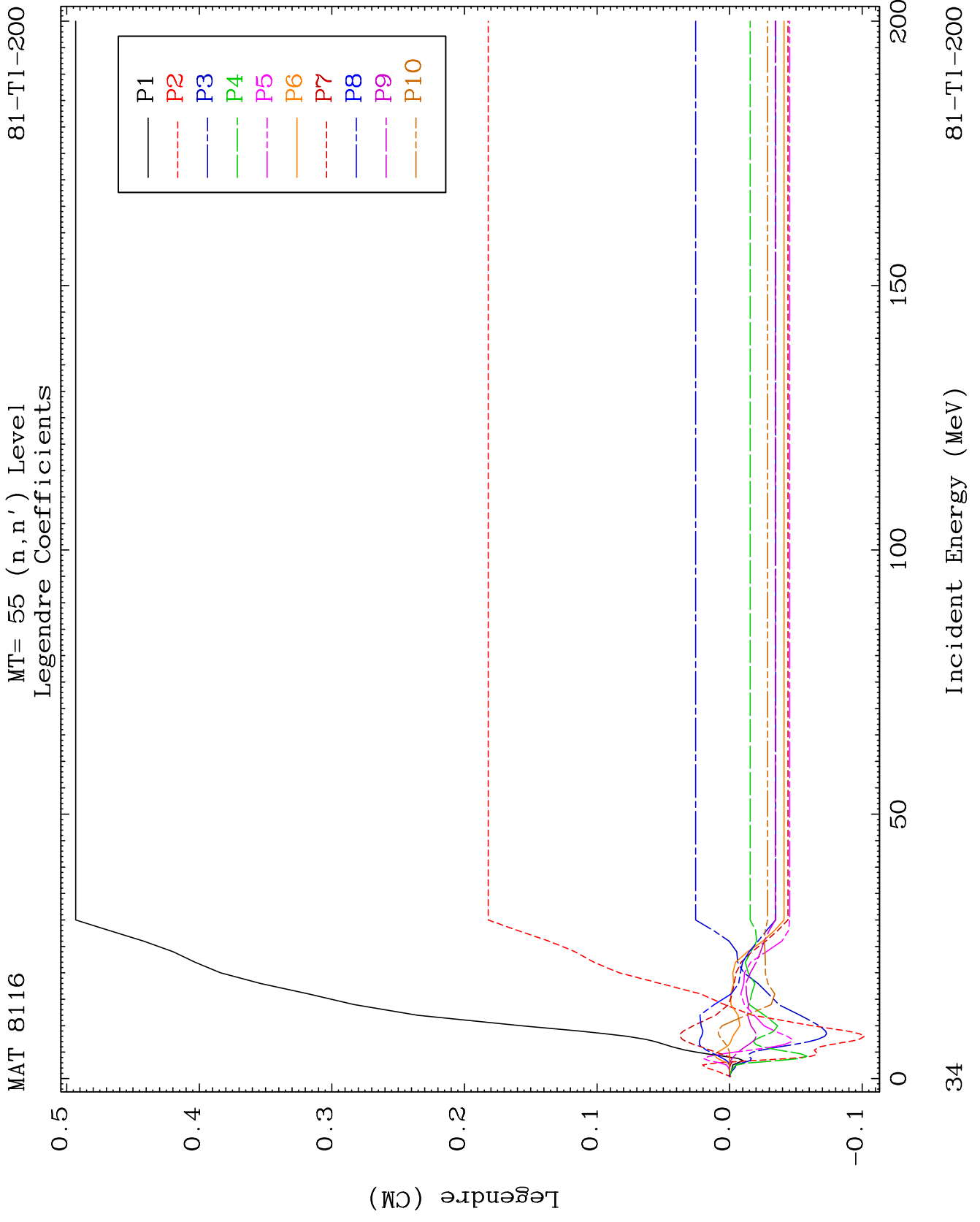


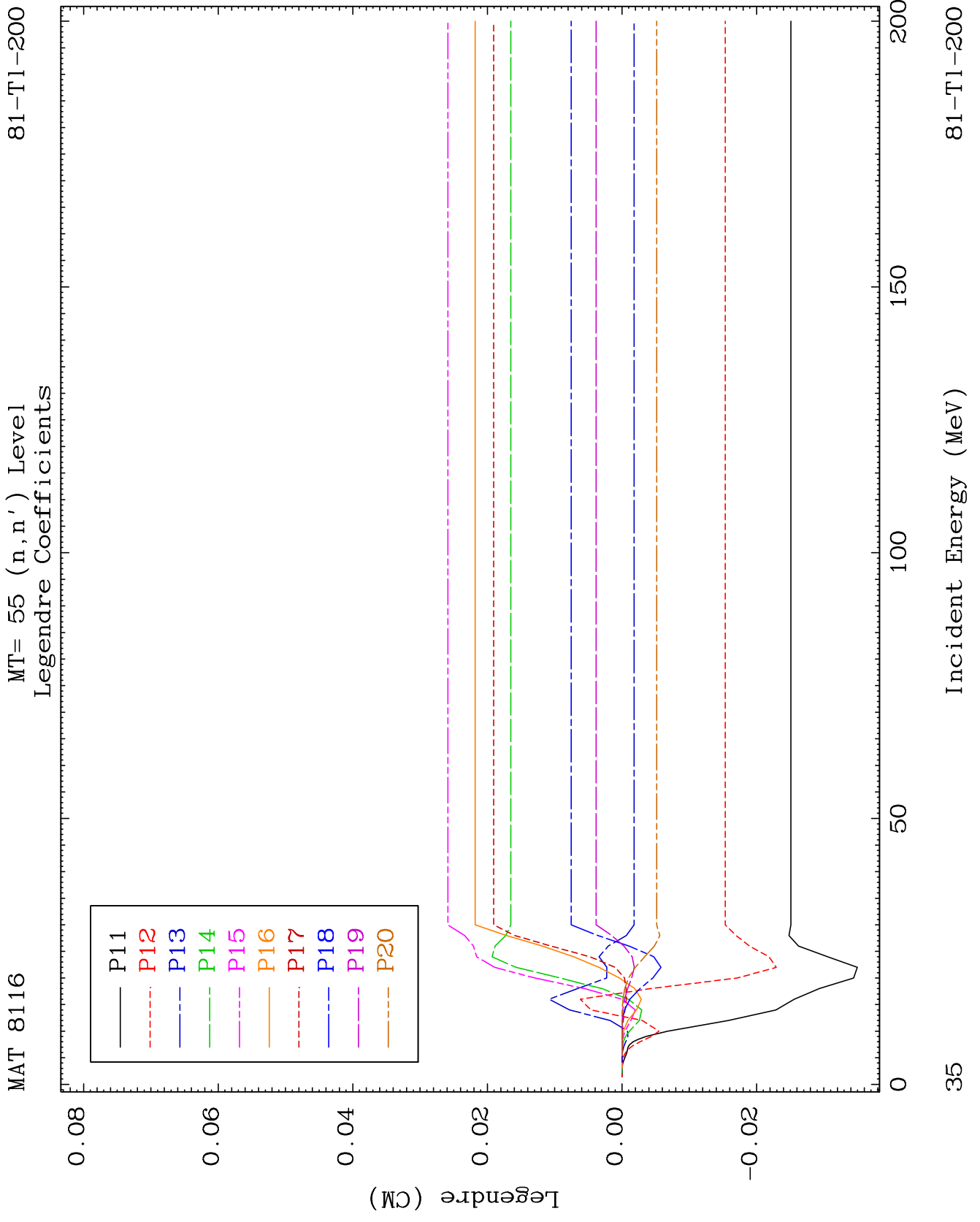
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Incident Energy (MeV)

81-T1-200



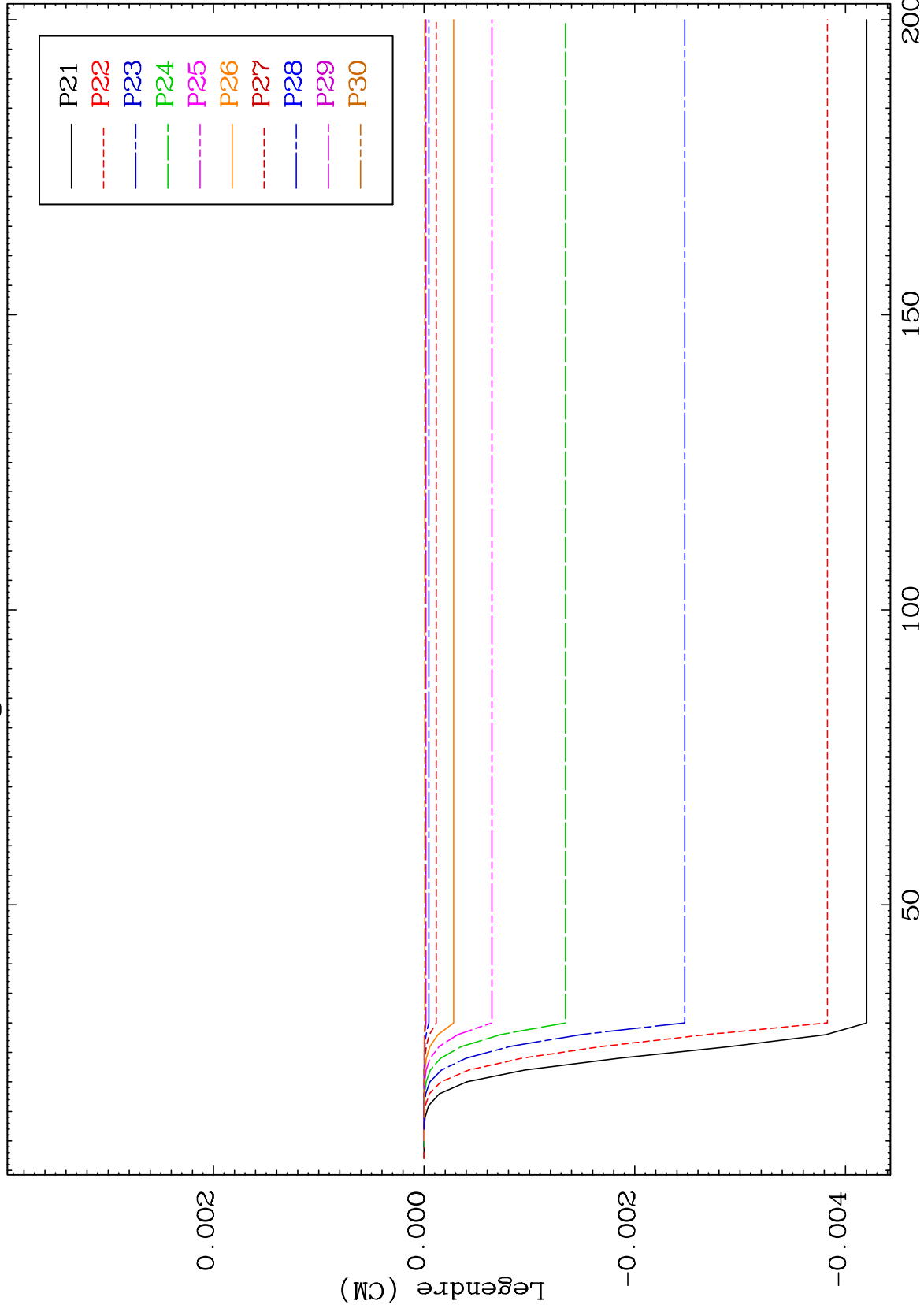




MAT 81116

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

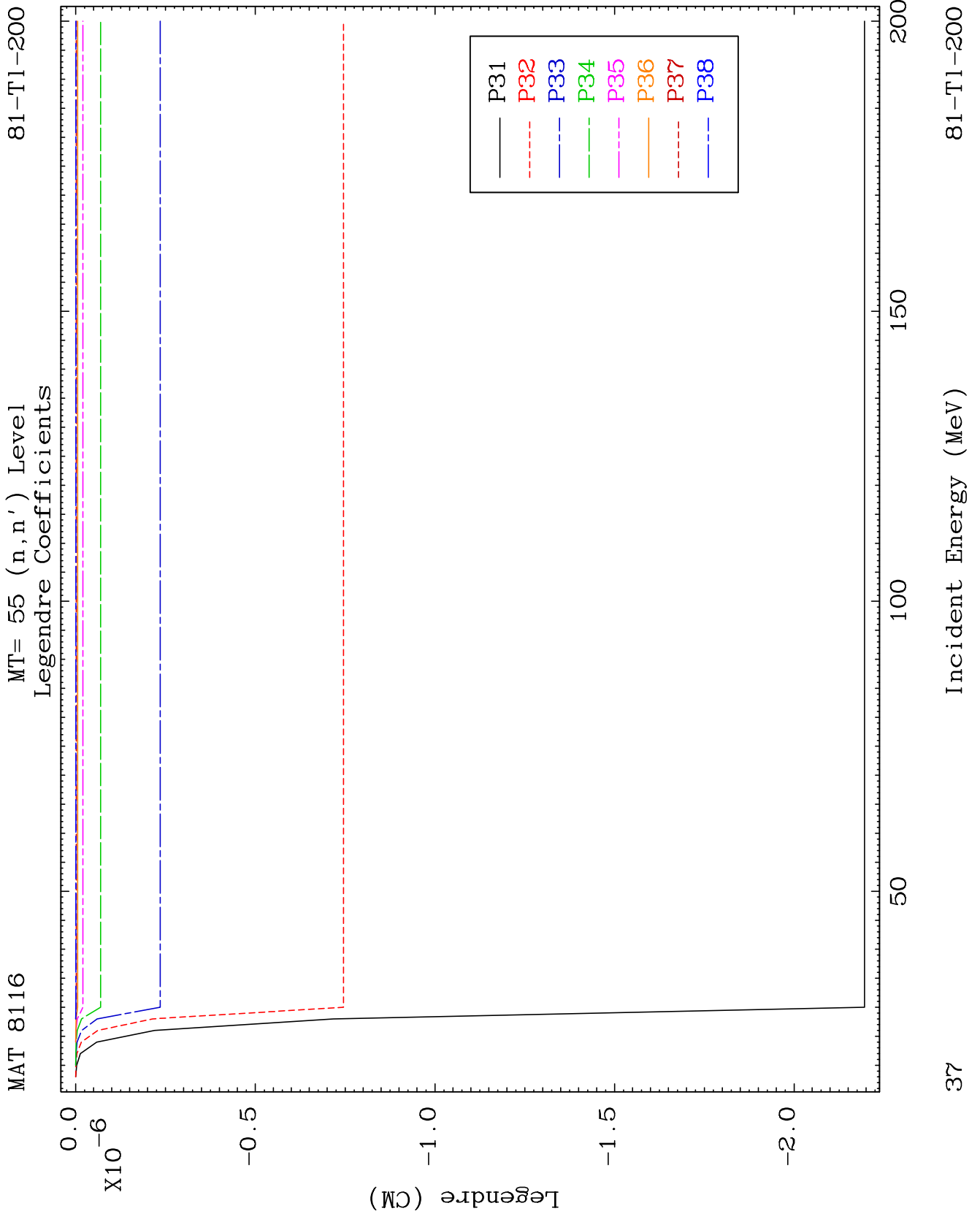
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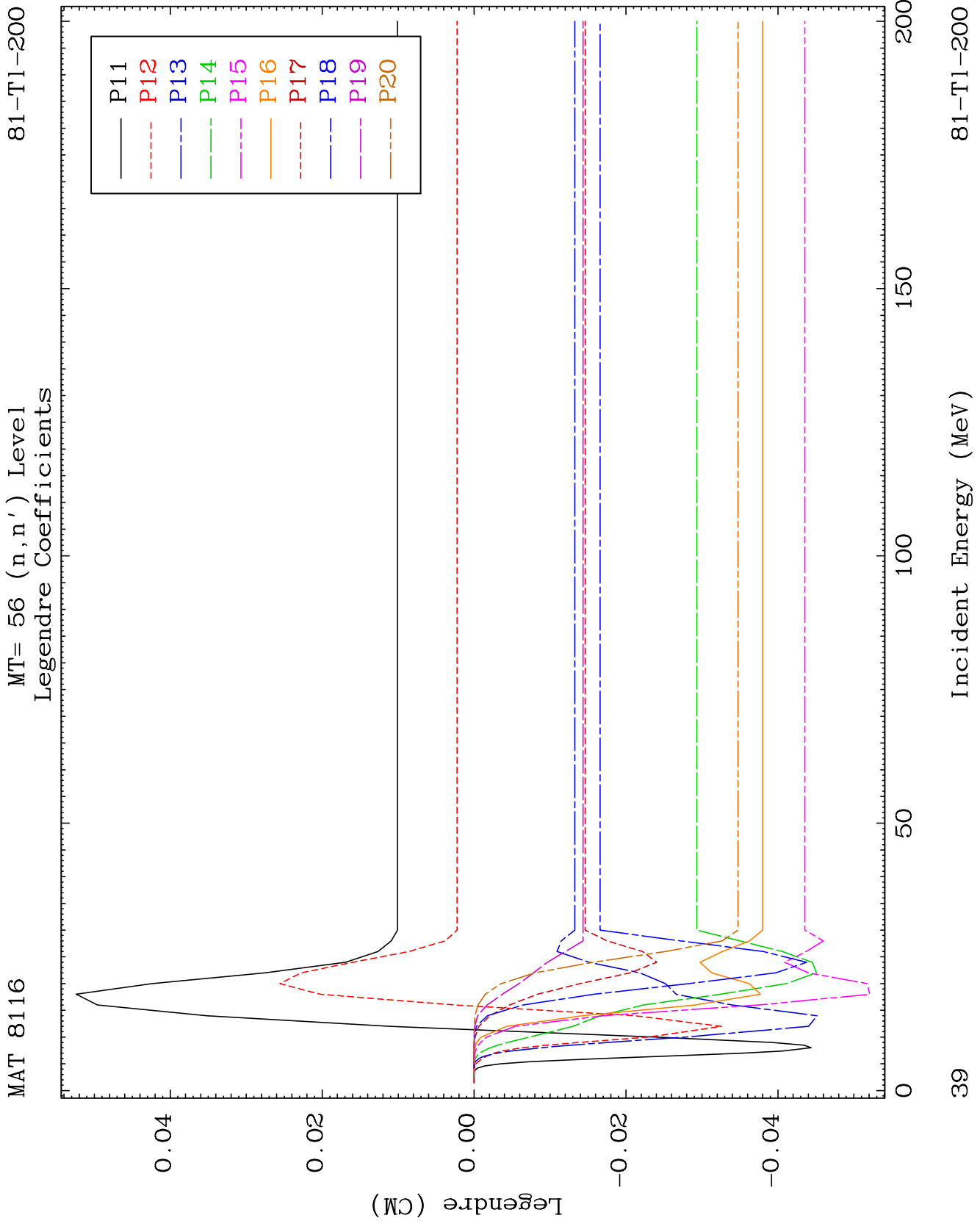
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Incident Energy (MeV)

81-T1-200



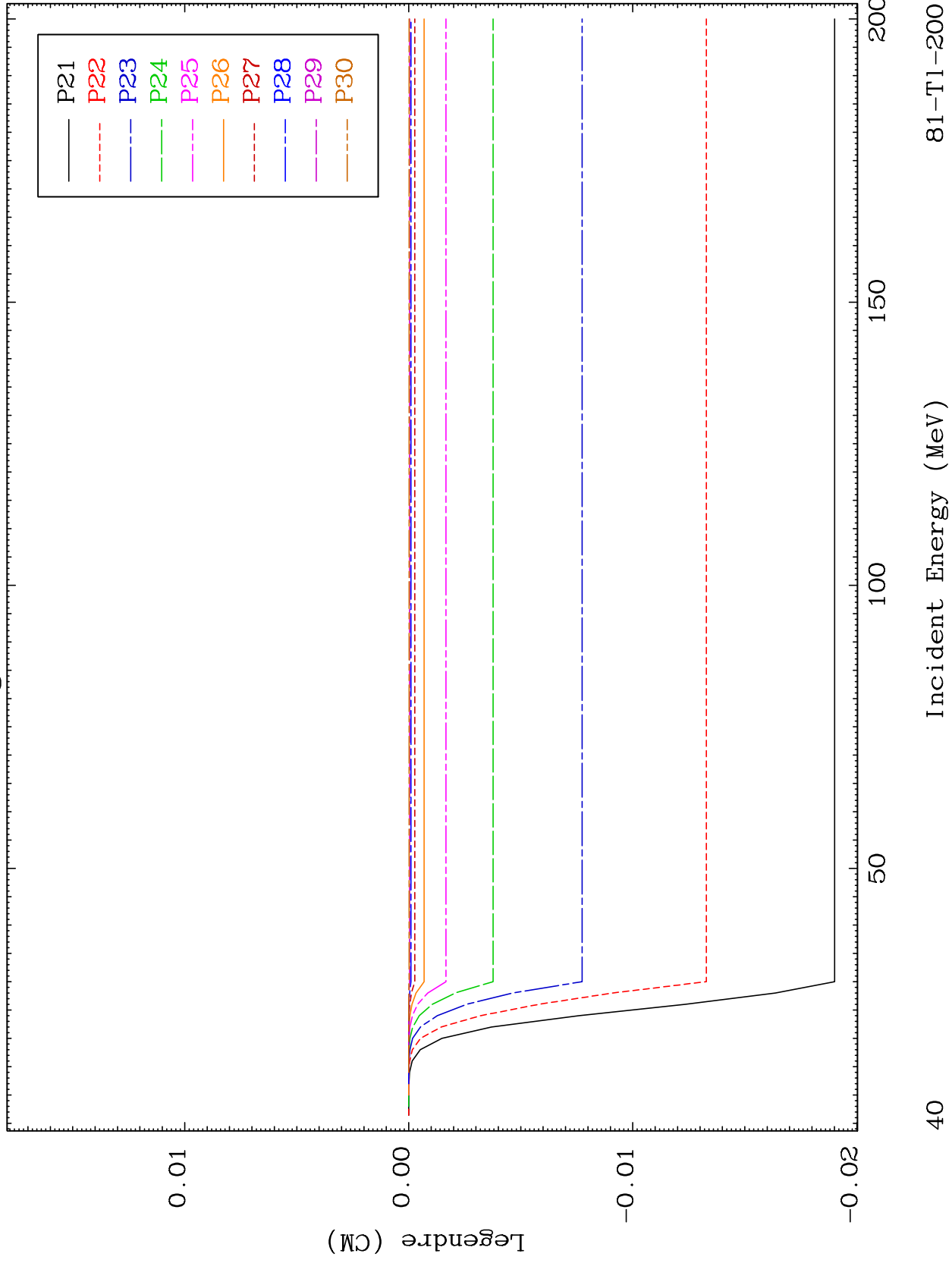


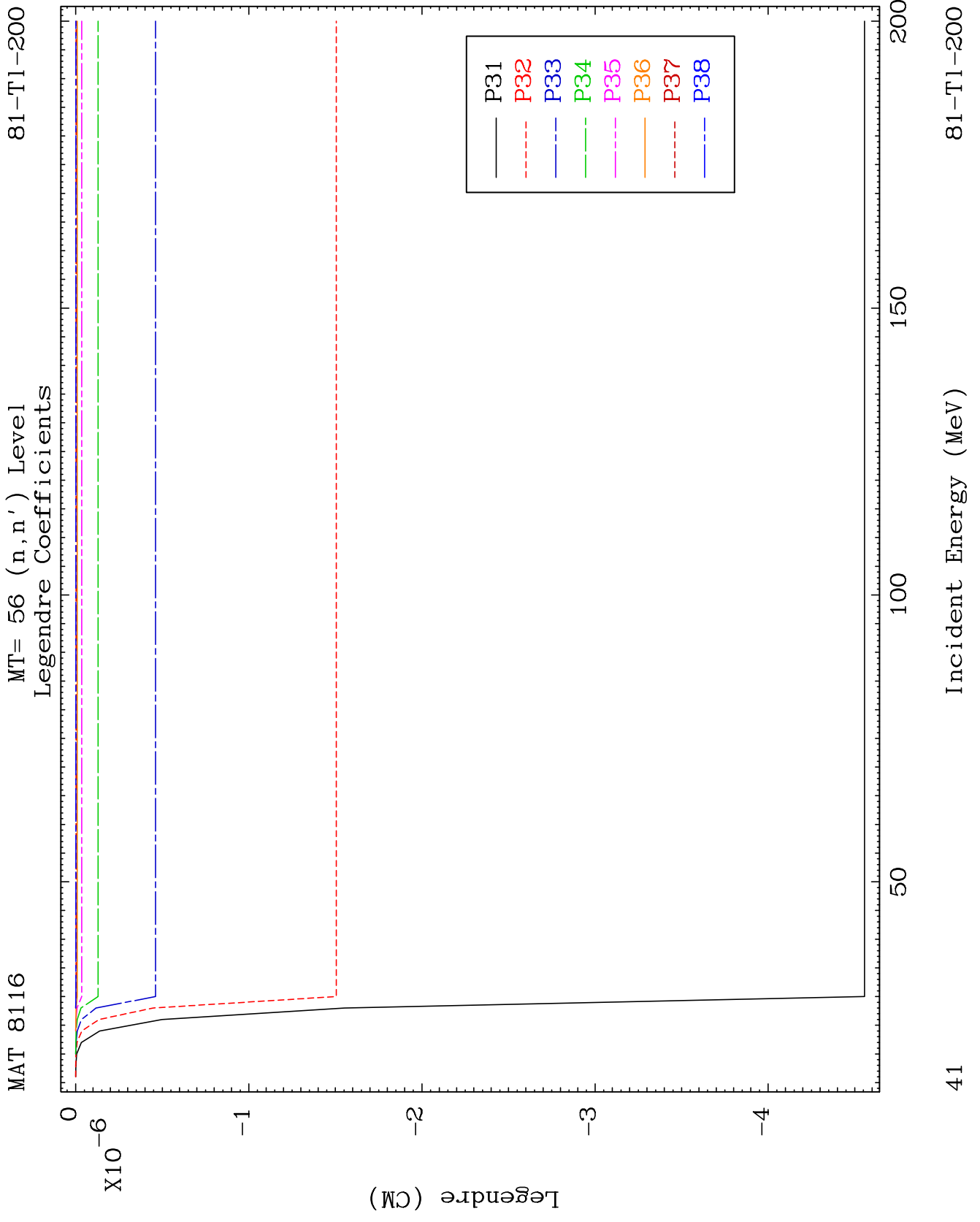


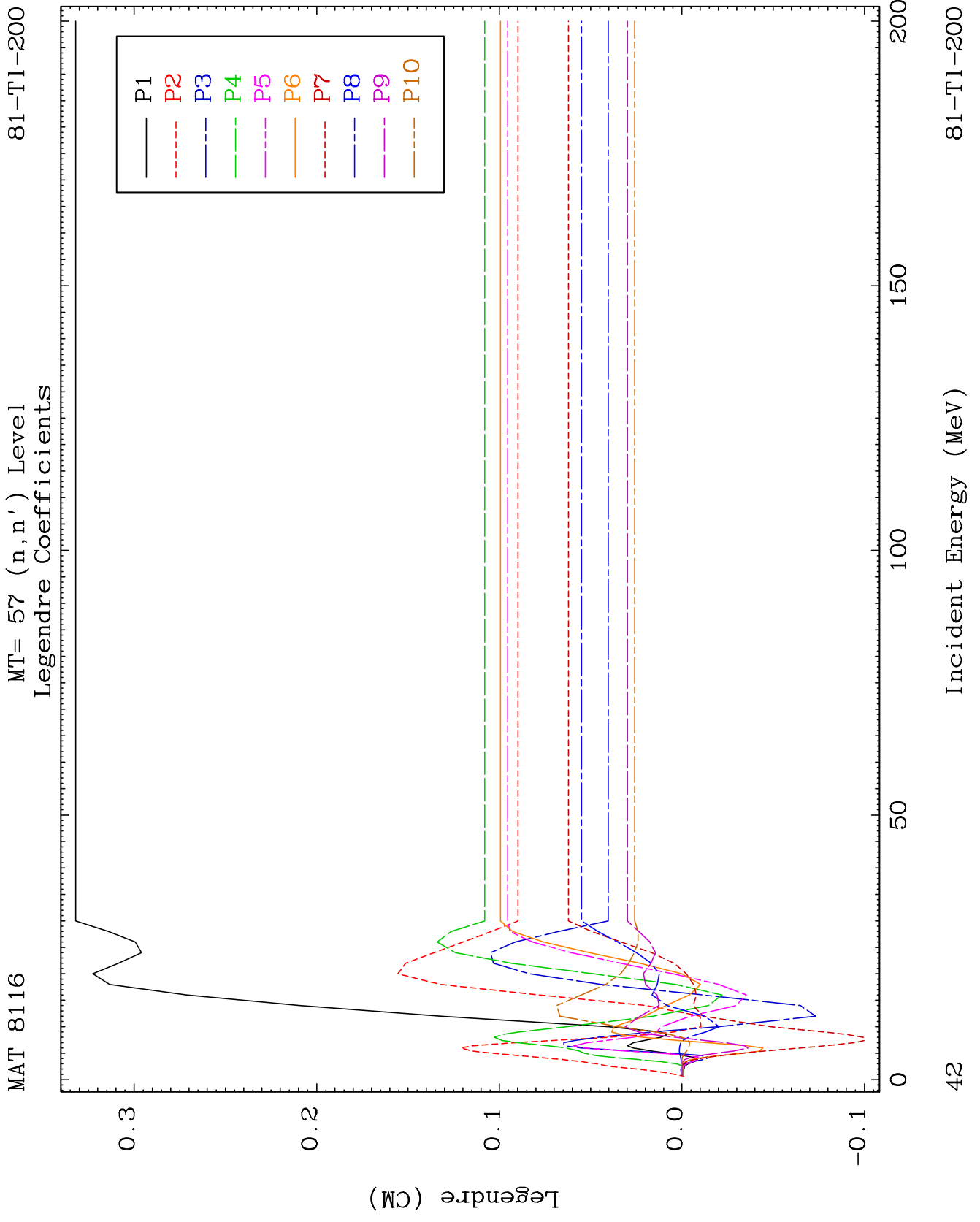
MAT 81116

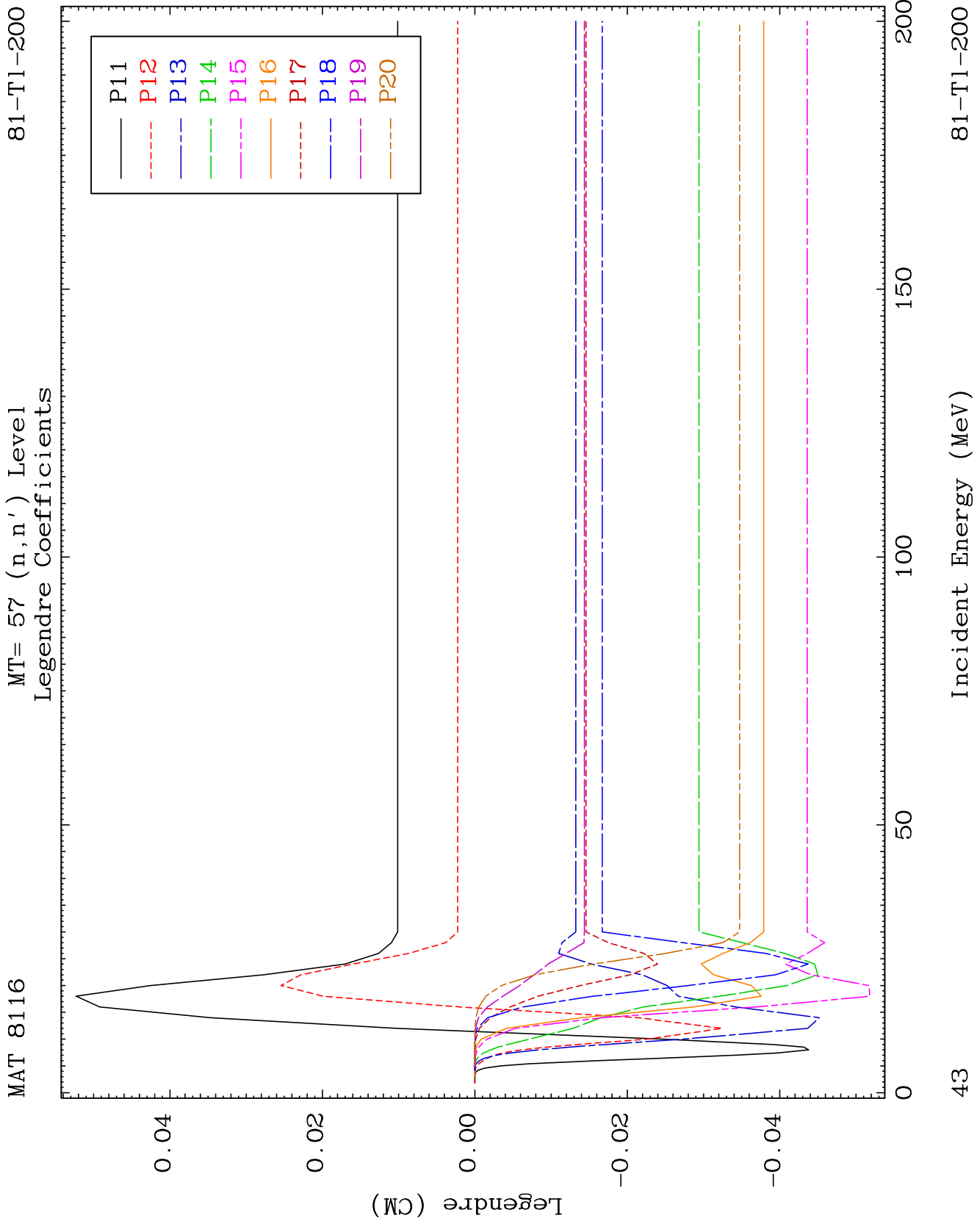
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Legendre Coefficients

81-T1-200





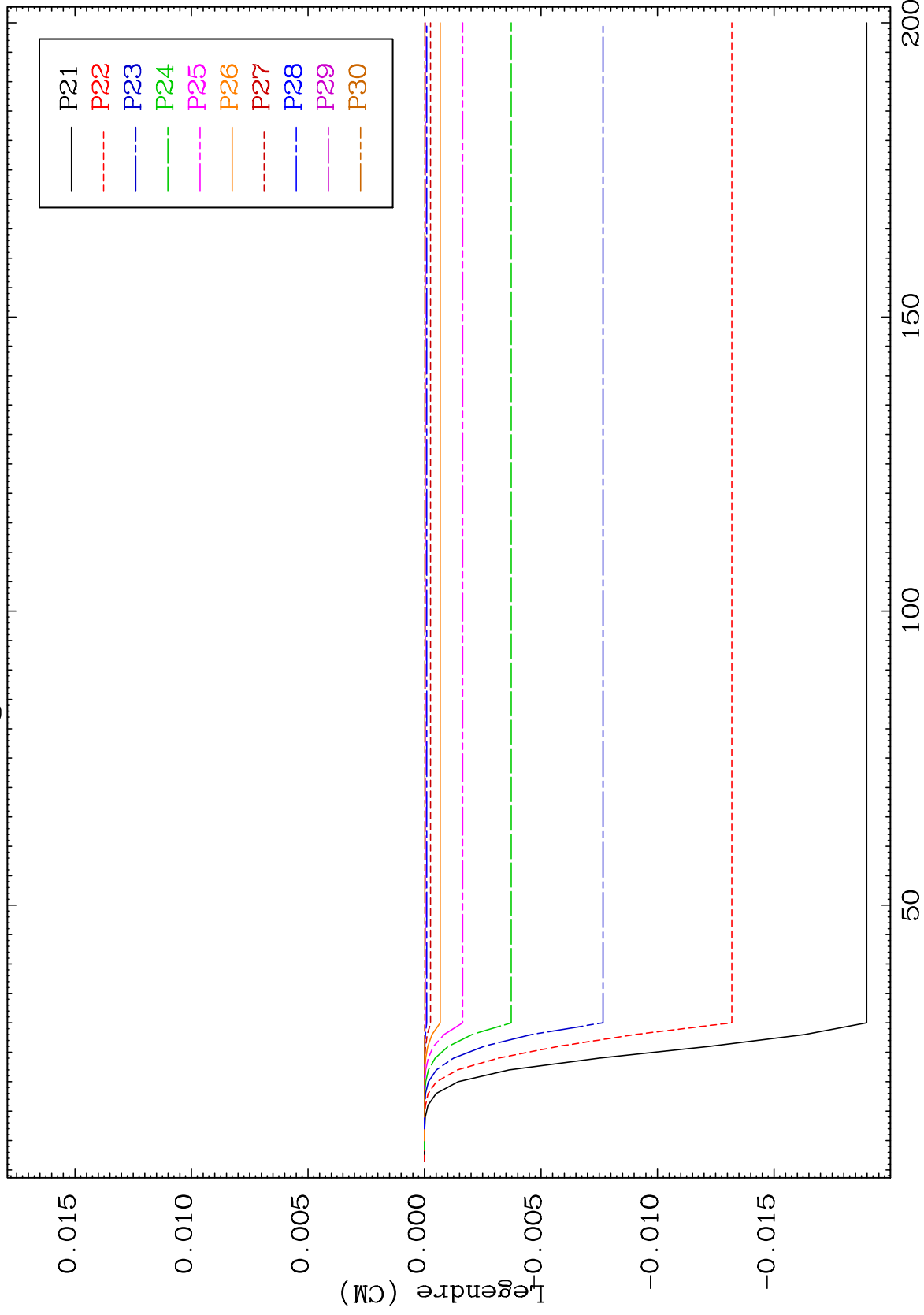




MAT 81116

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

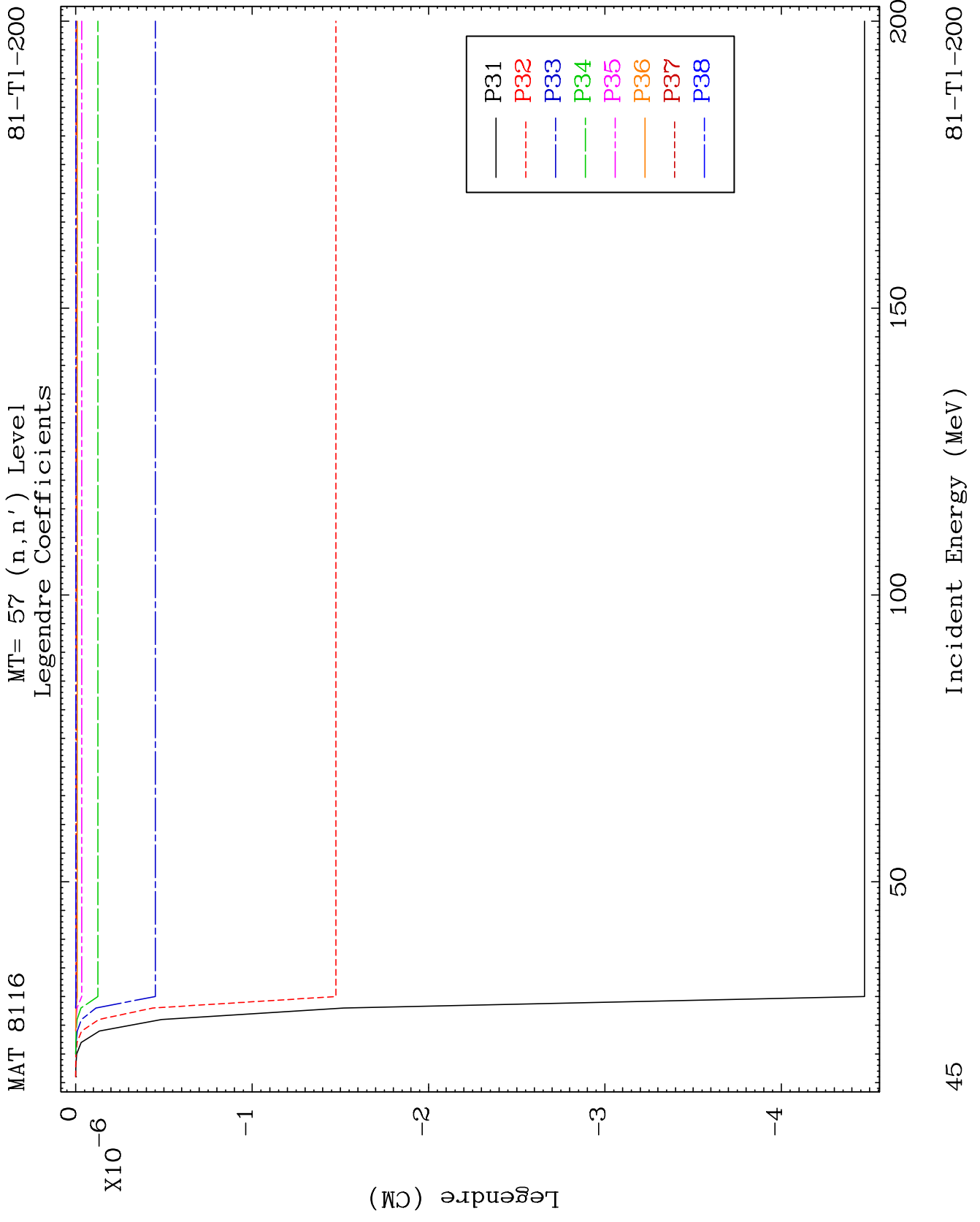
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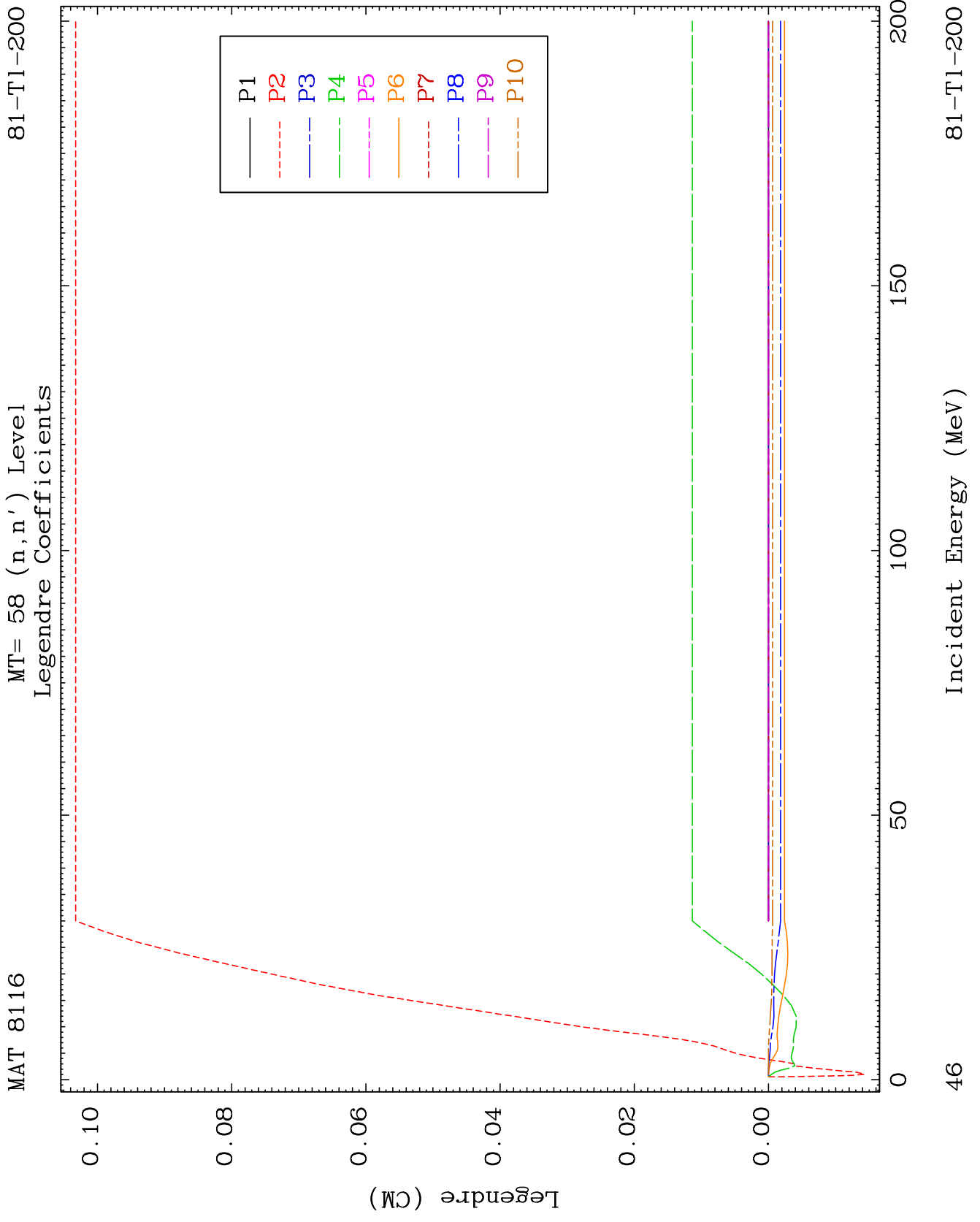


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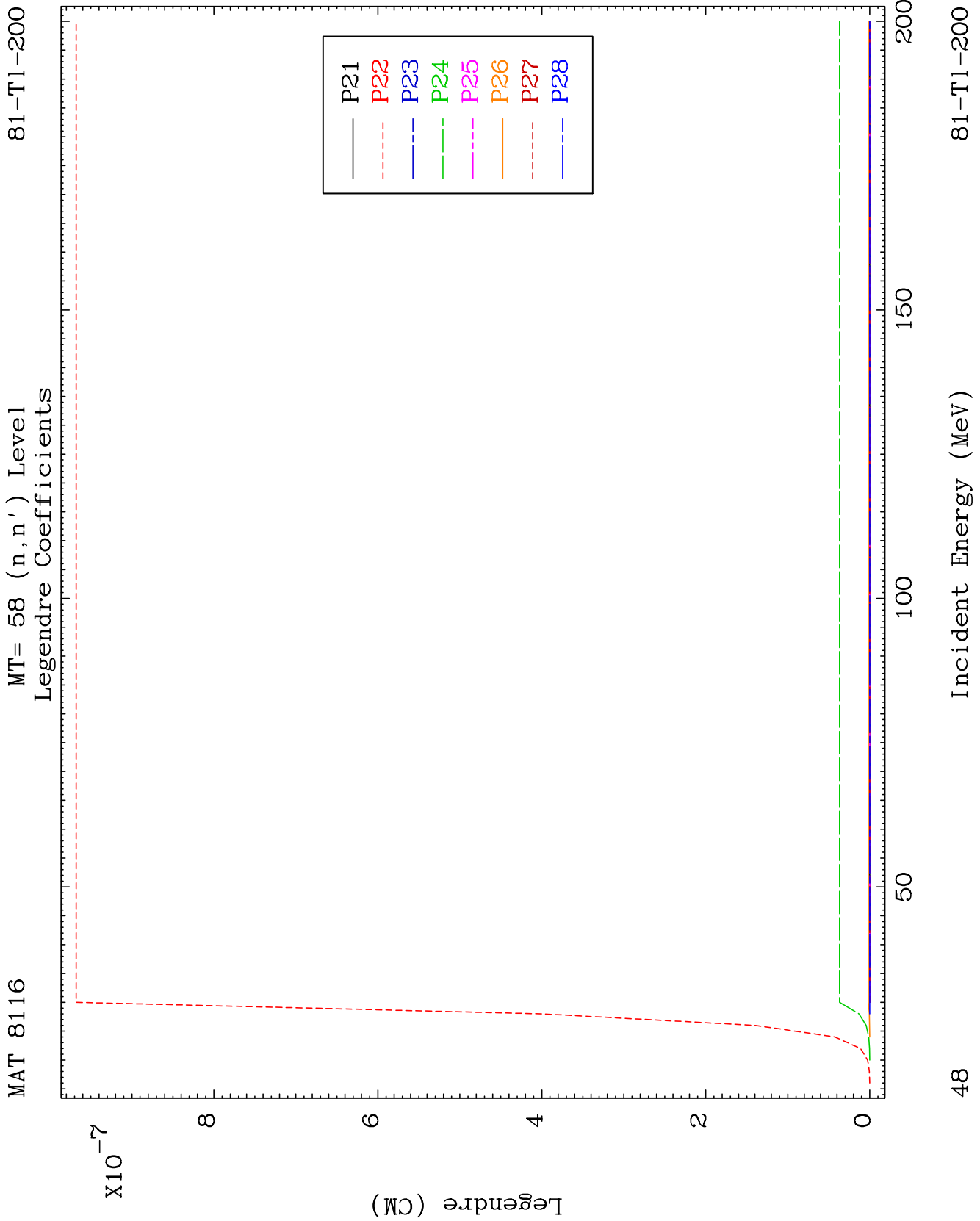
Incident Energy (MeV)

81-T1-200

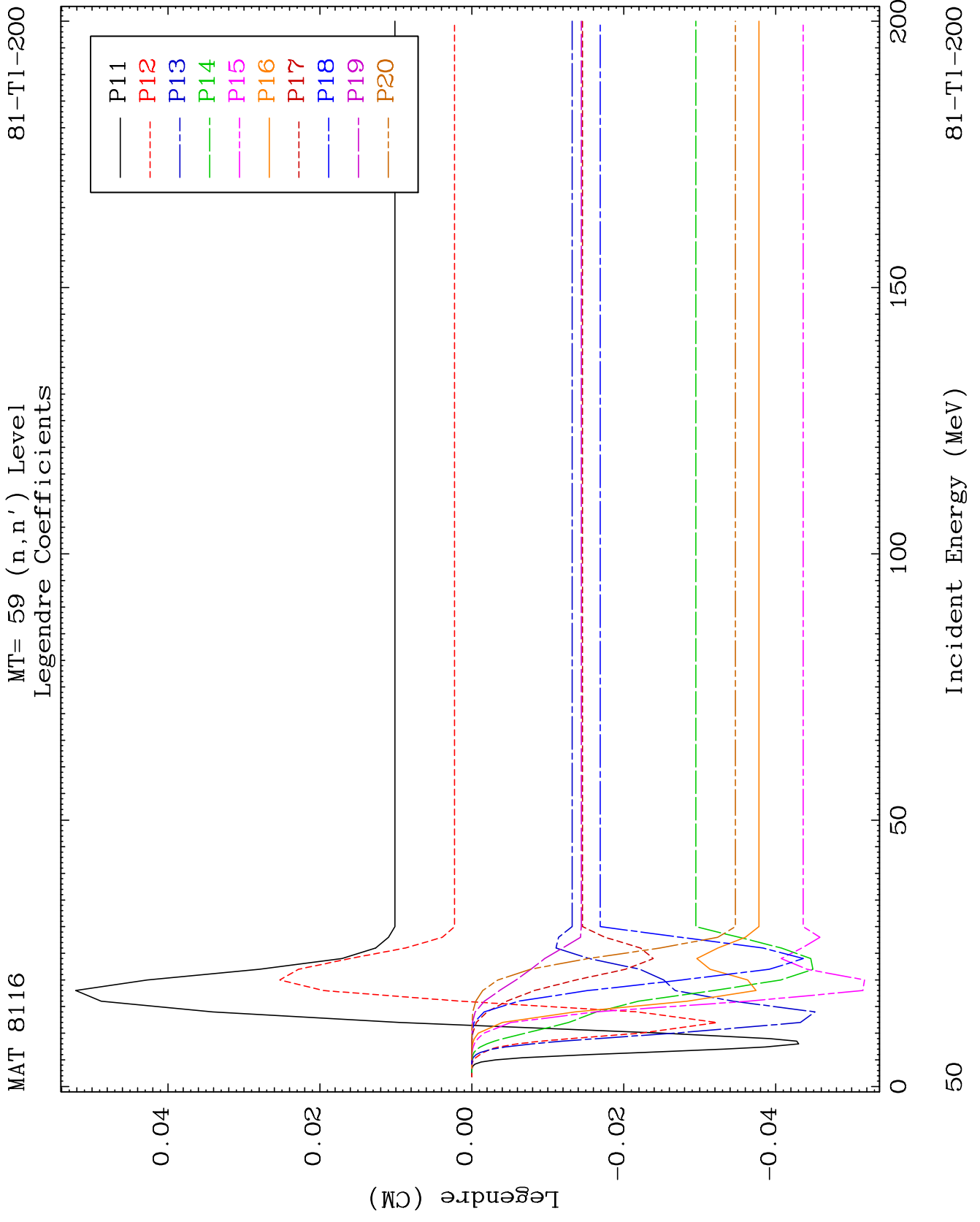








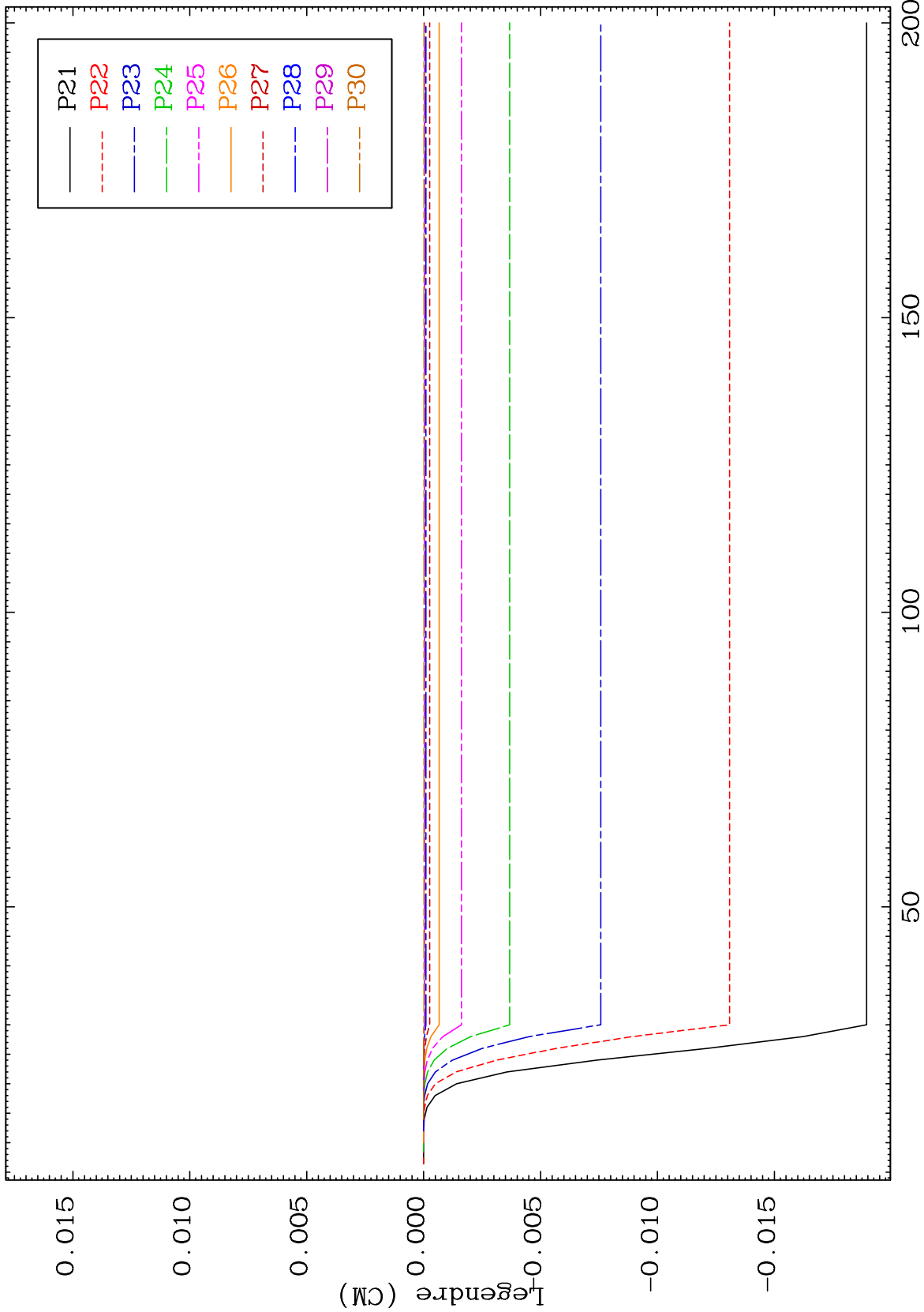


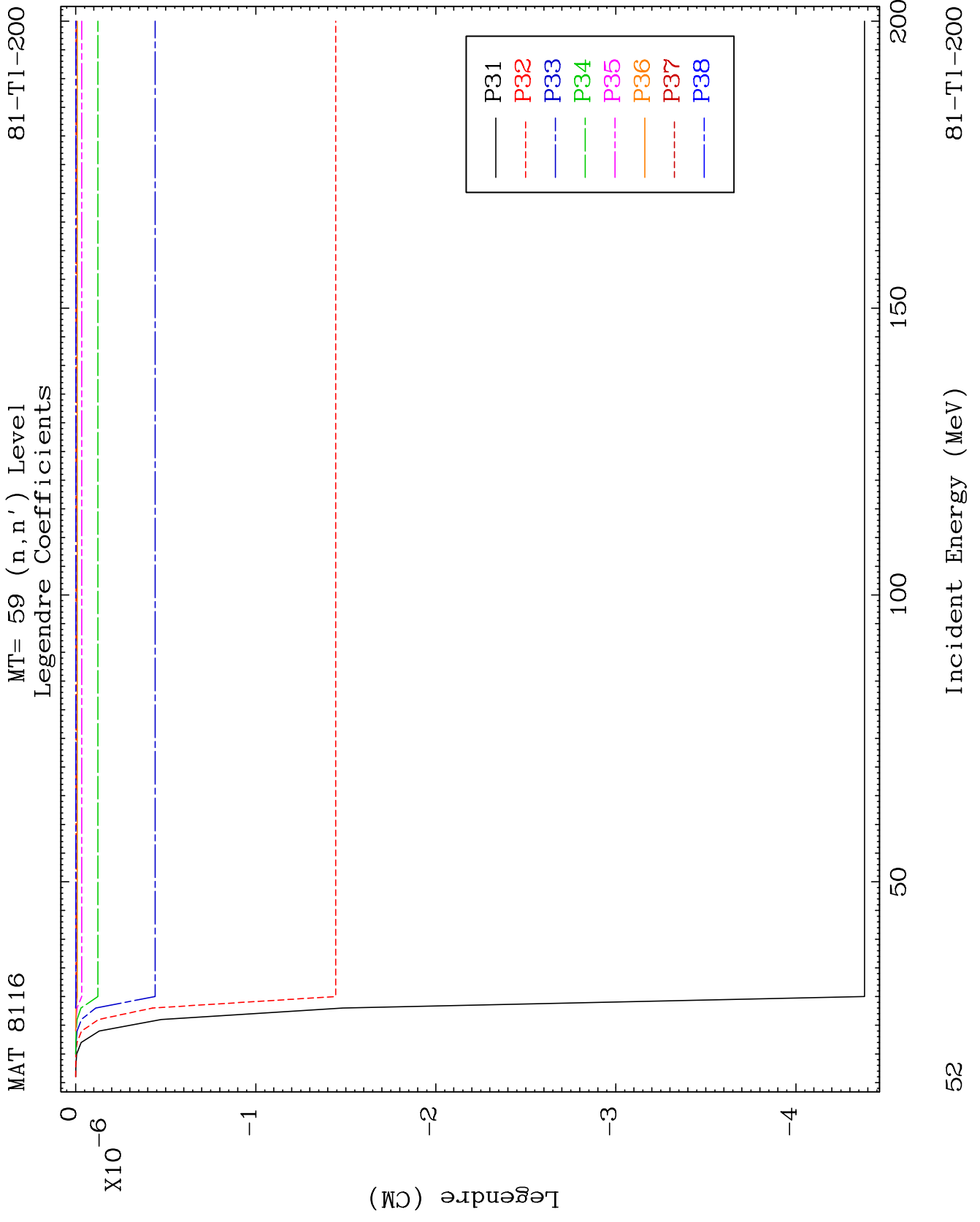


MAT 81116

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

81-T1-200

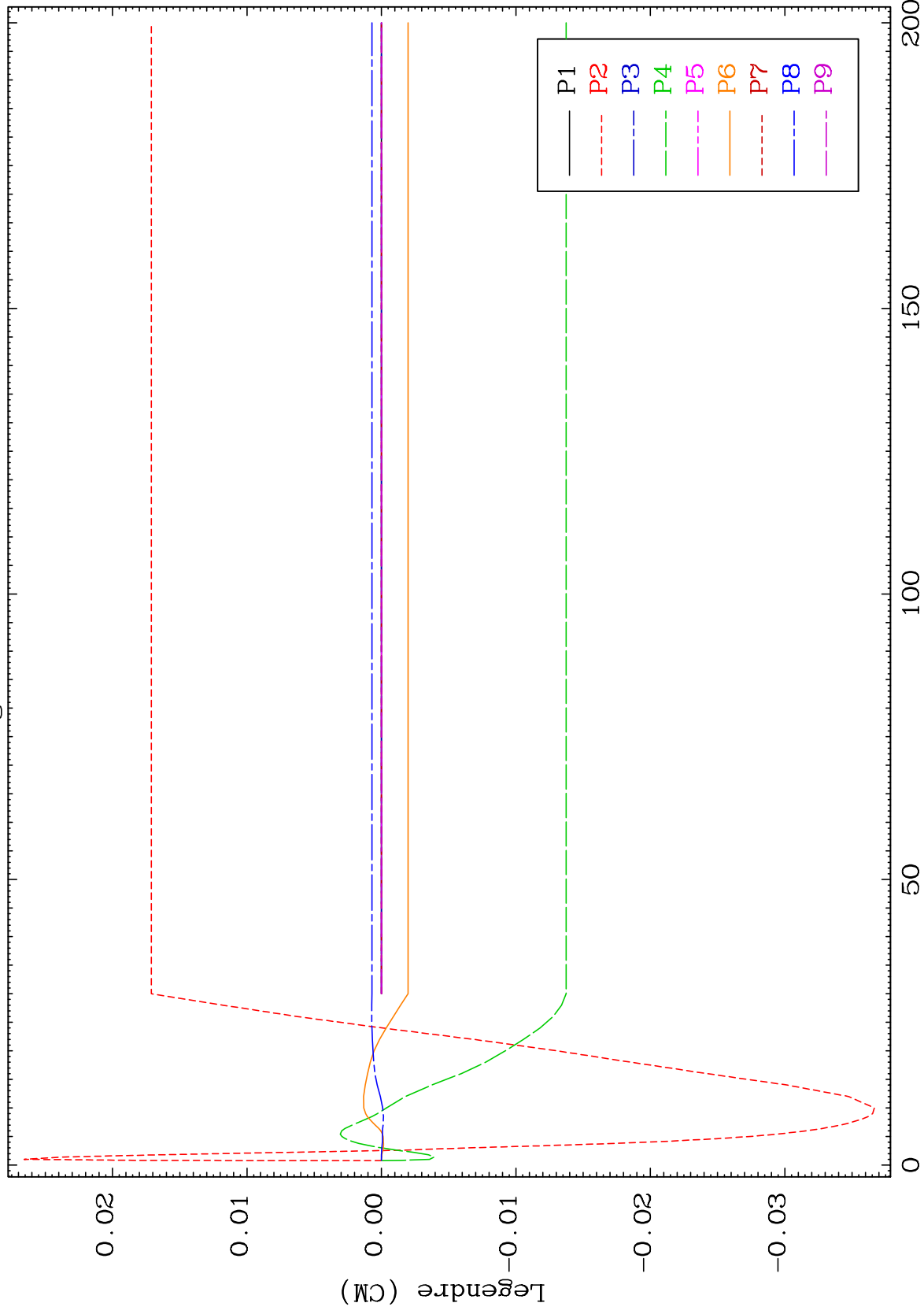




MAT 81116

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

81-T1-200



53

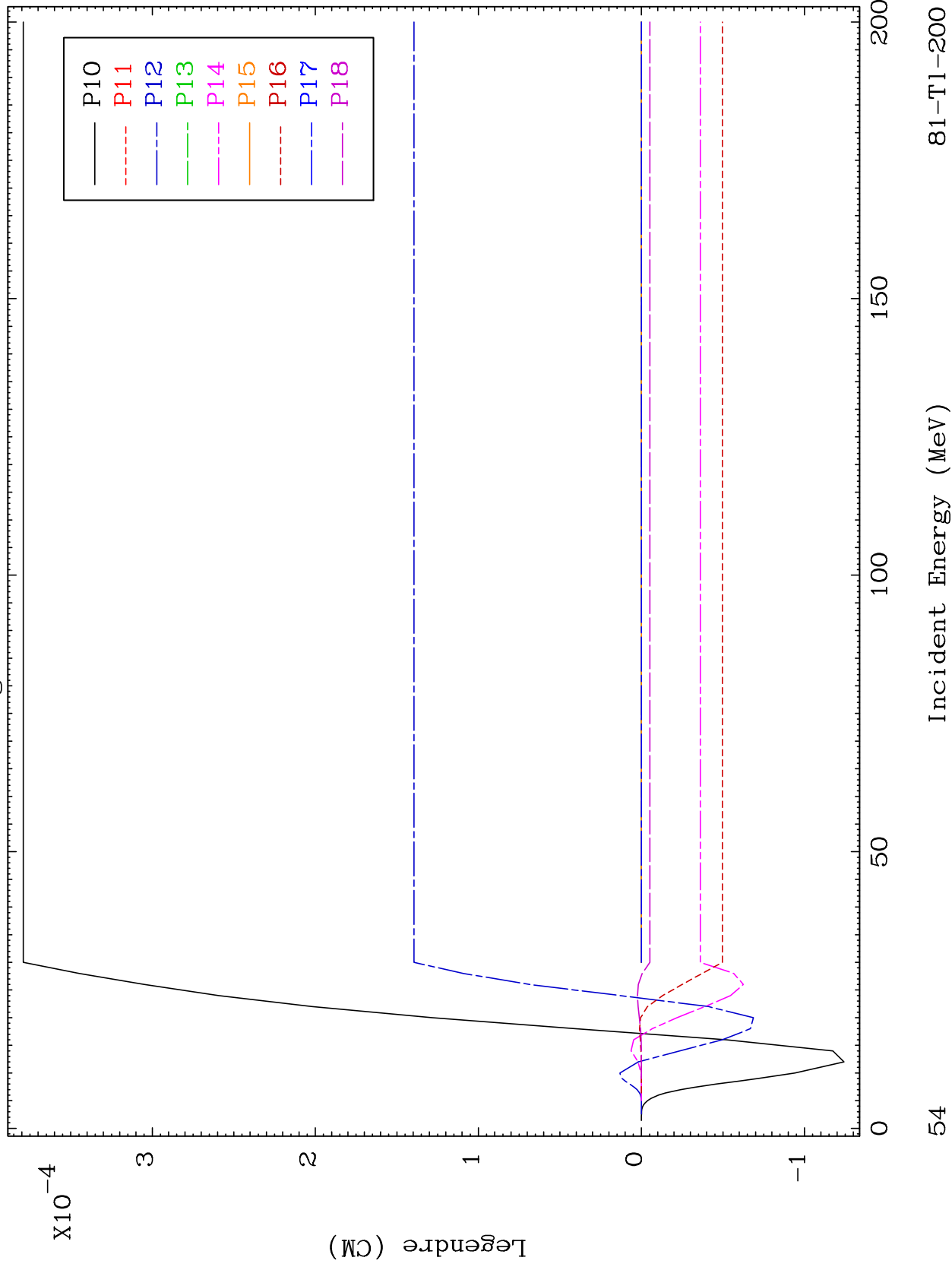
Incident Energy (MeV)

81-T1-200

MAT 81116

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

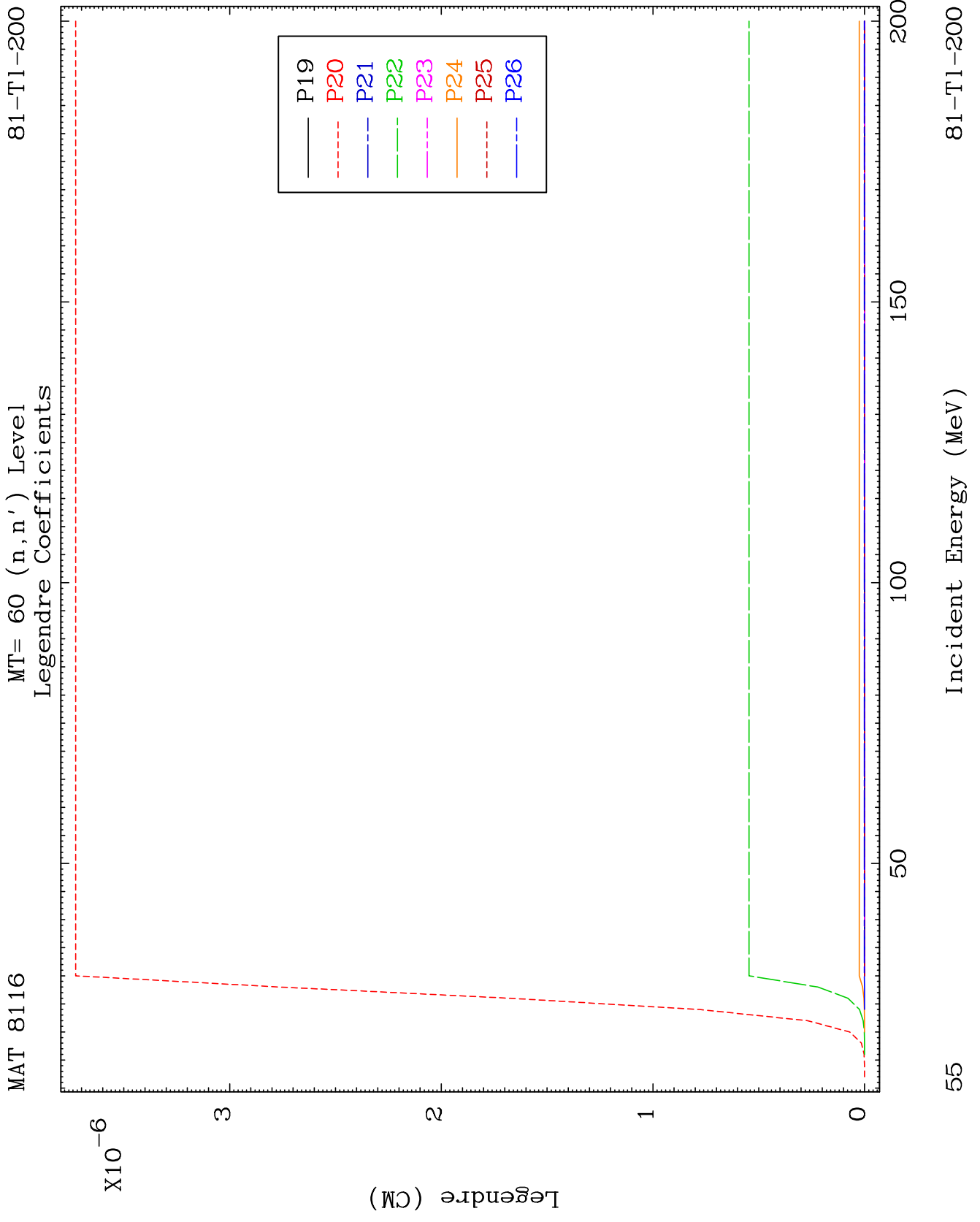
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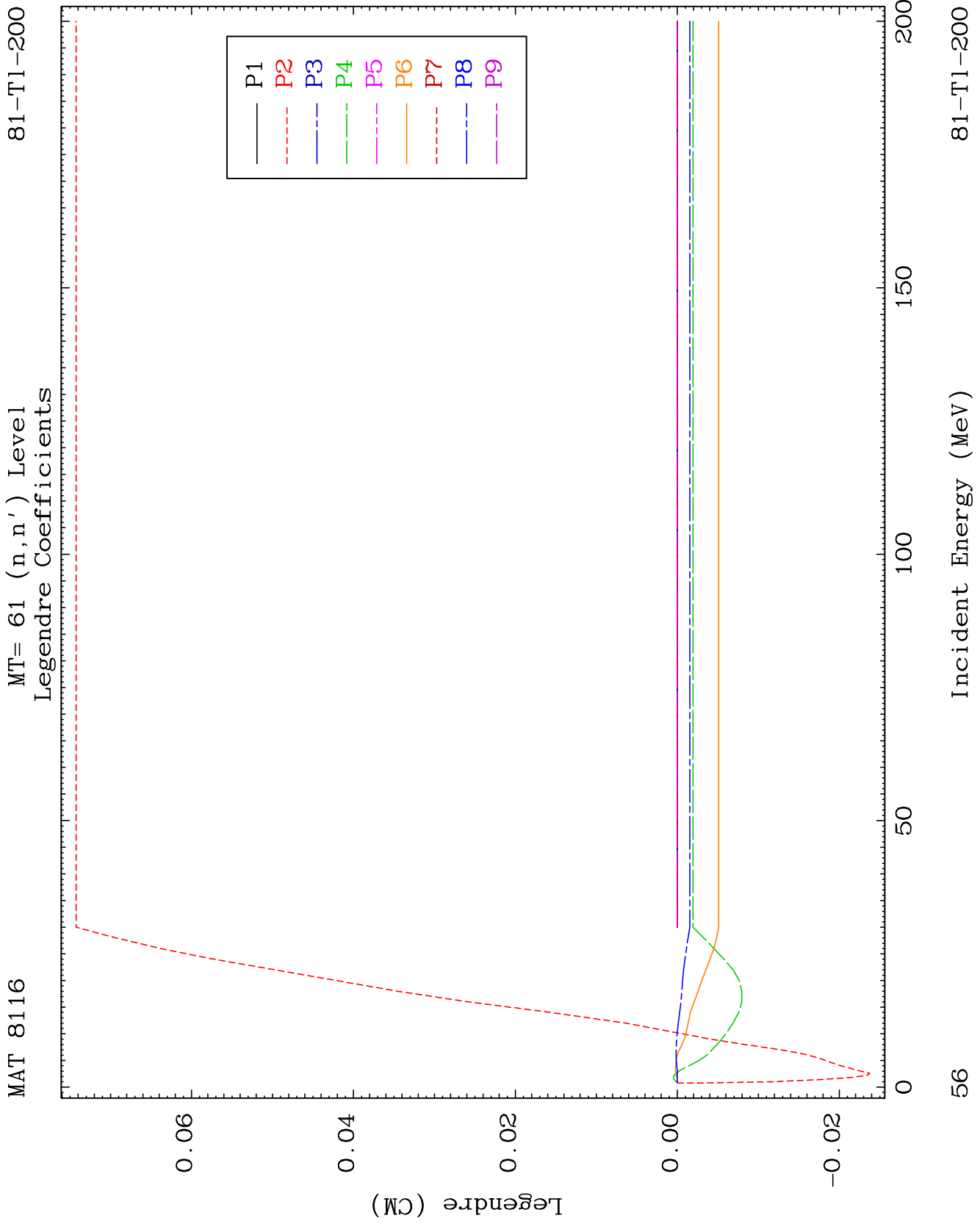


81-T1-200

Incident Energy (MeV)

54

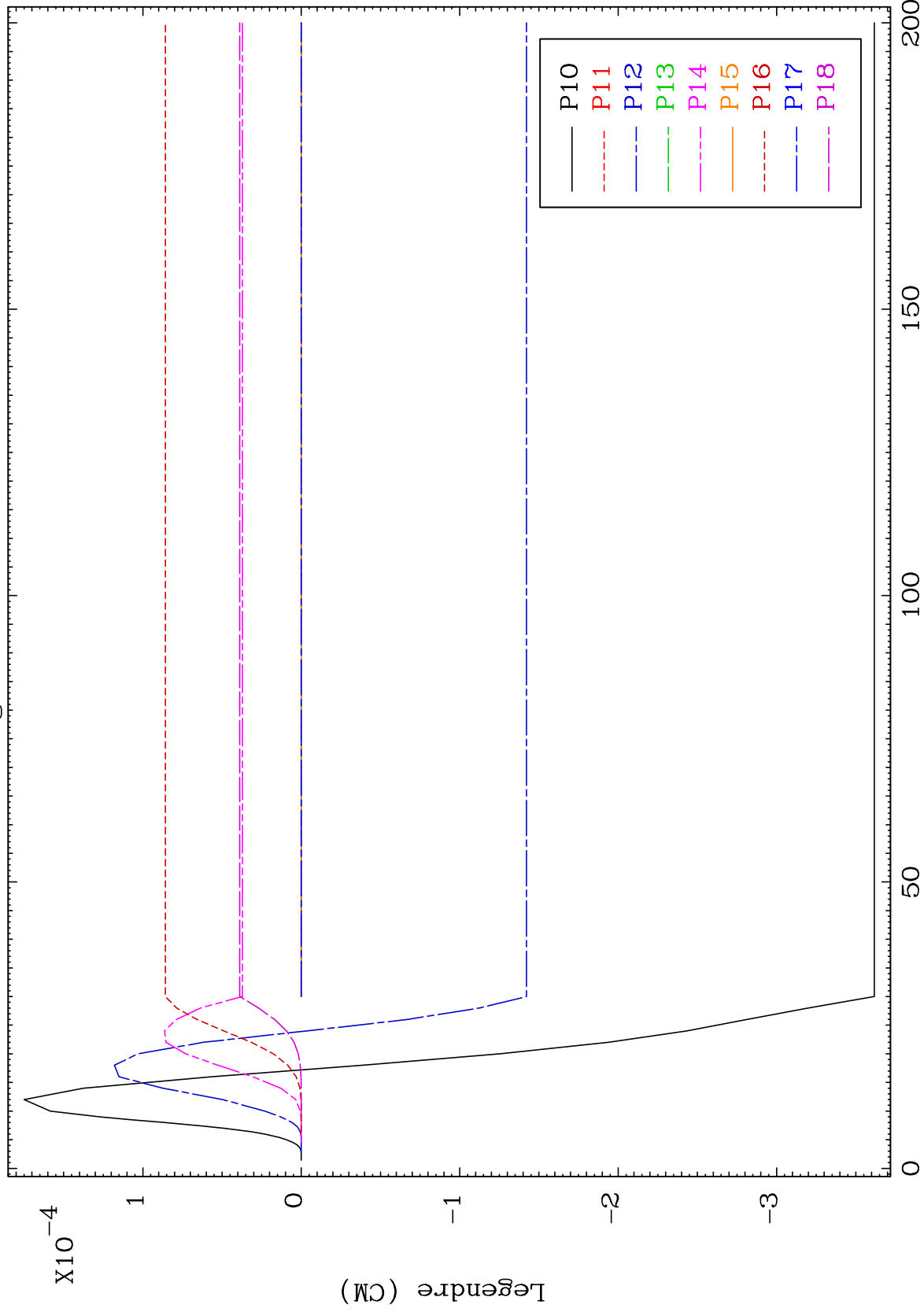




MAT 81116

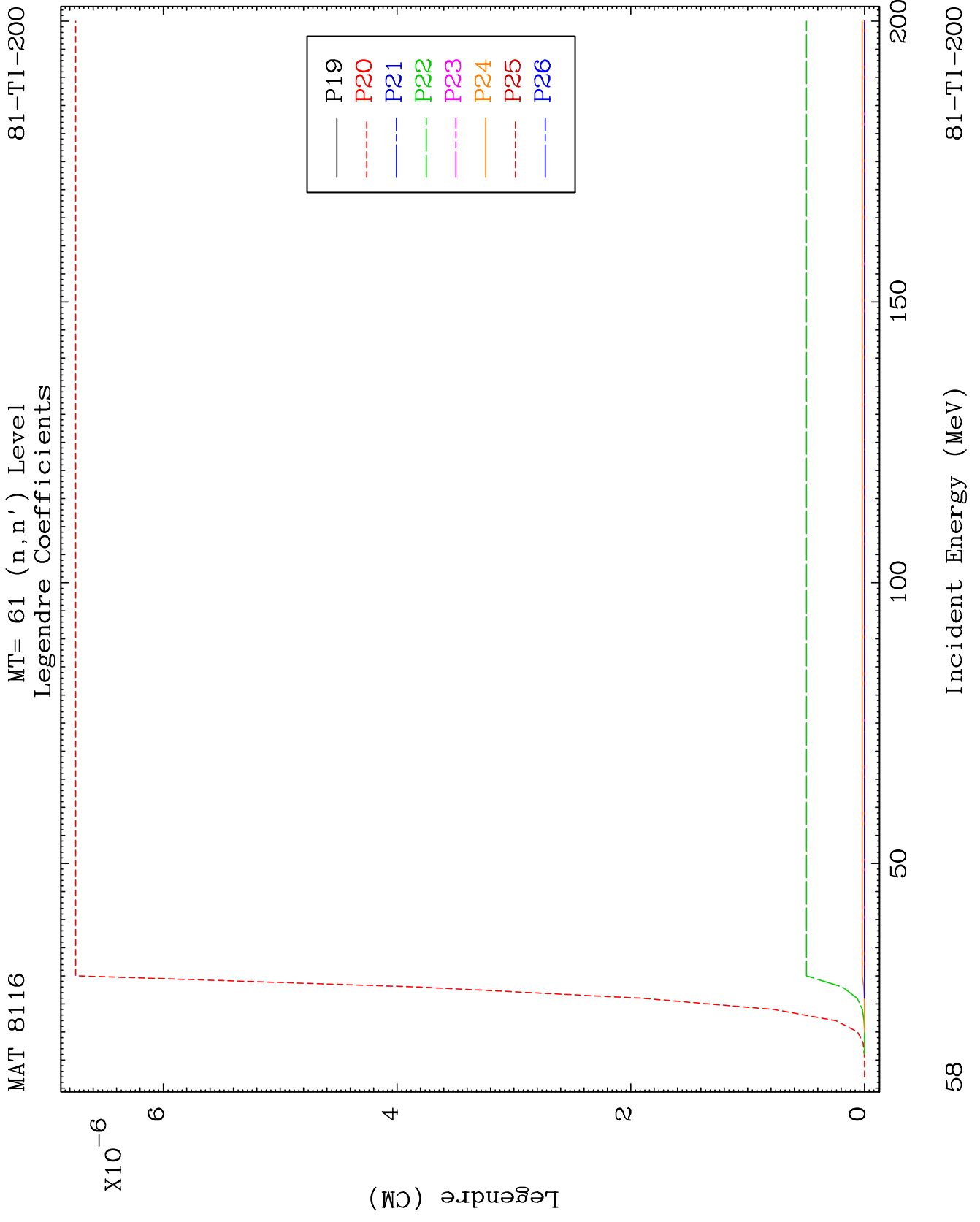
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Legendre Coefficients

81-T1-200



57

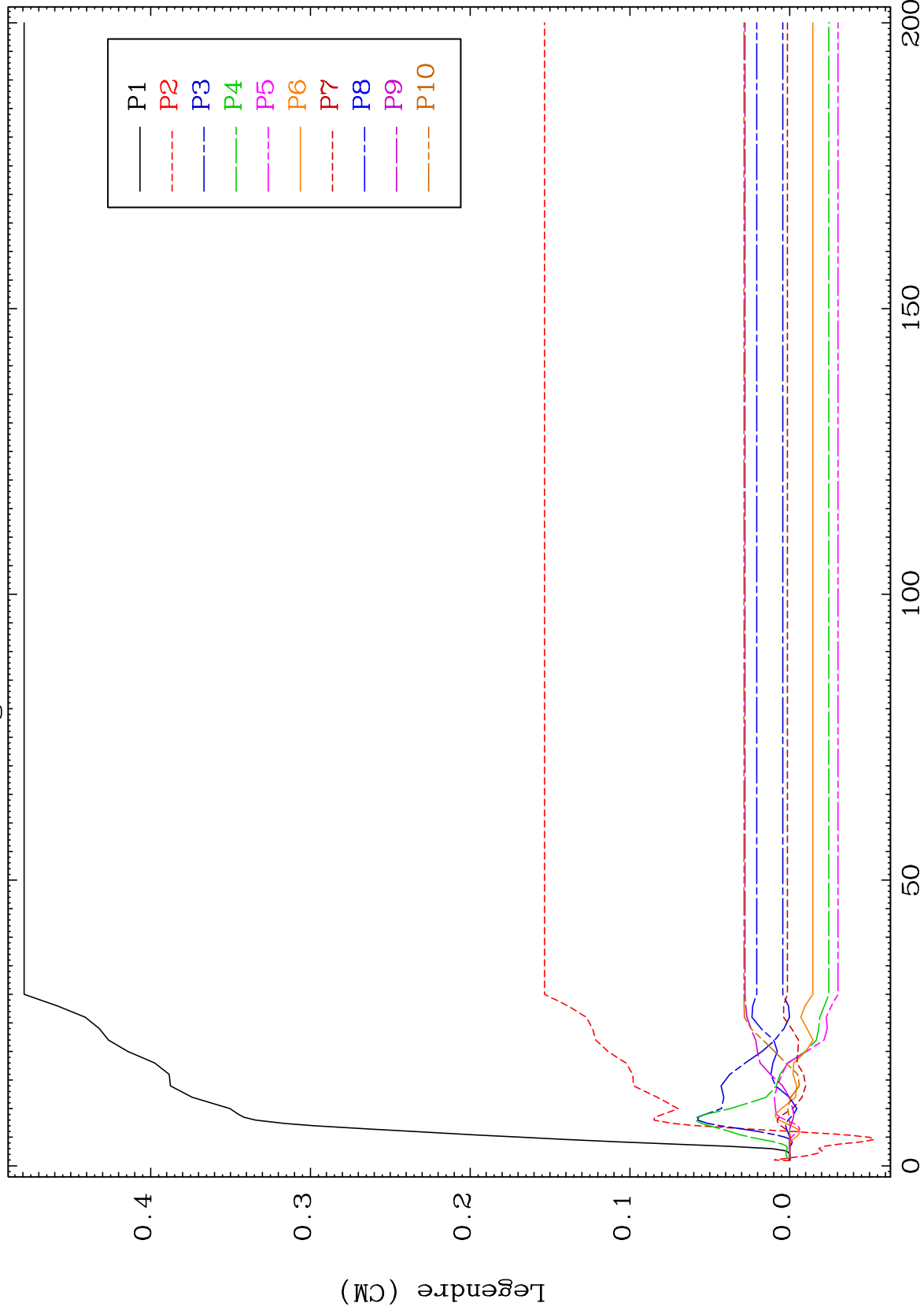
81-T1-200



MAT 81116

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

81-T1-200



59

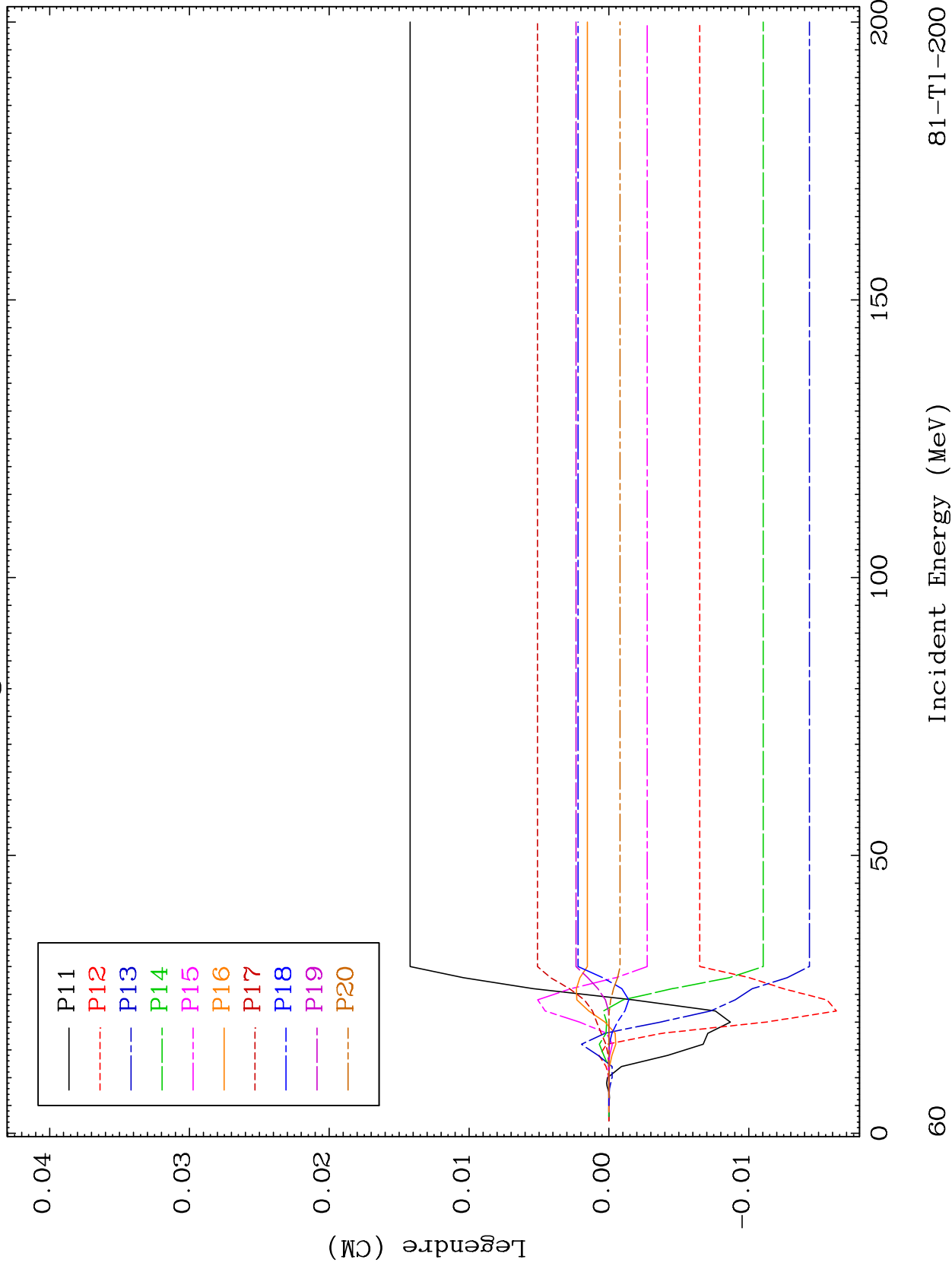
Incident Energy (MeV)

81-T1-200

MAT 8116

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

81-T1-200



81-T1-200

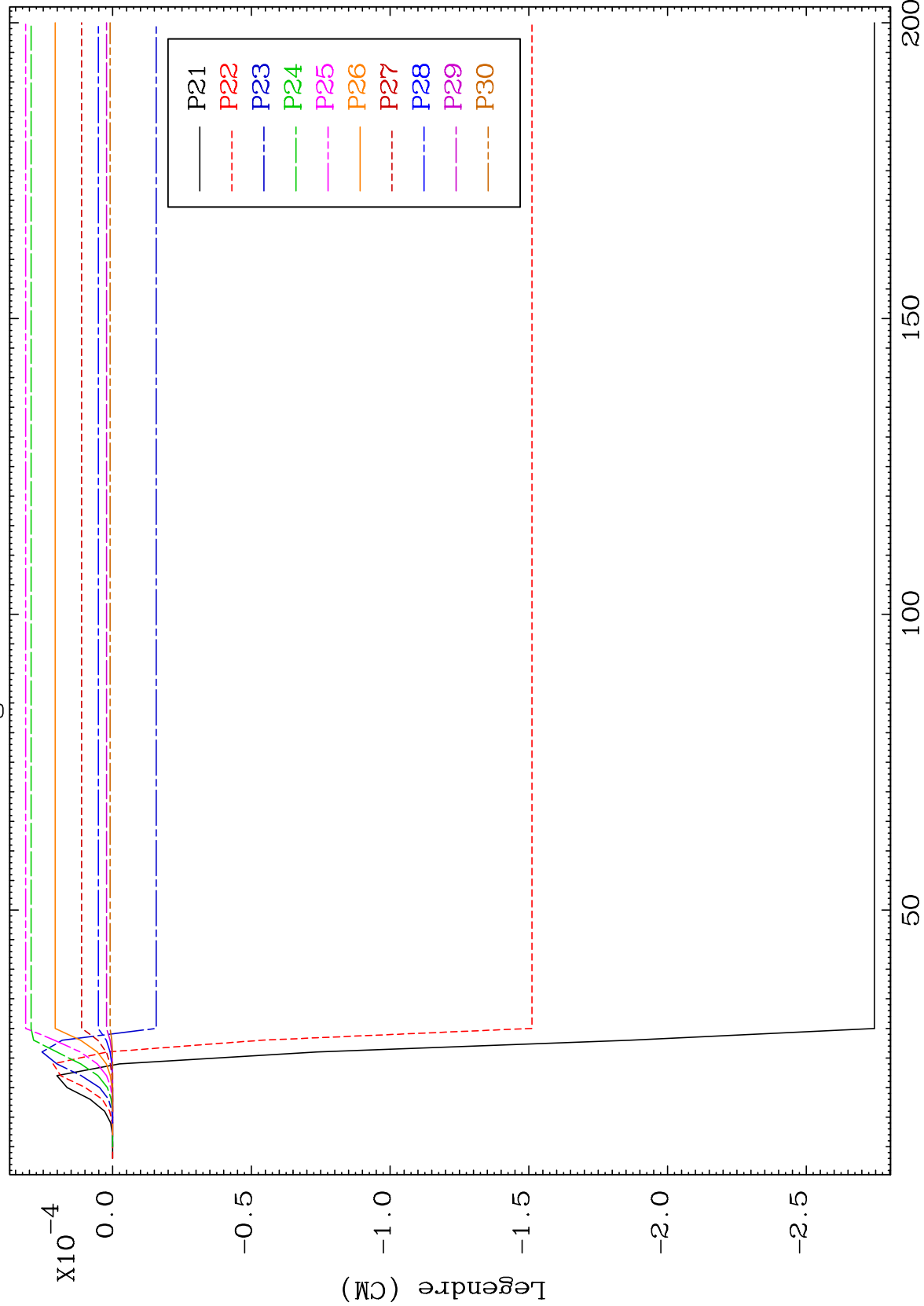
Incident Energy (MeV)

60

MAT 81116

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

81-T1-200



61

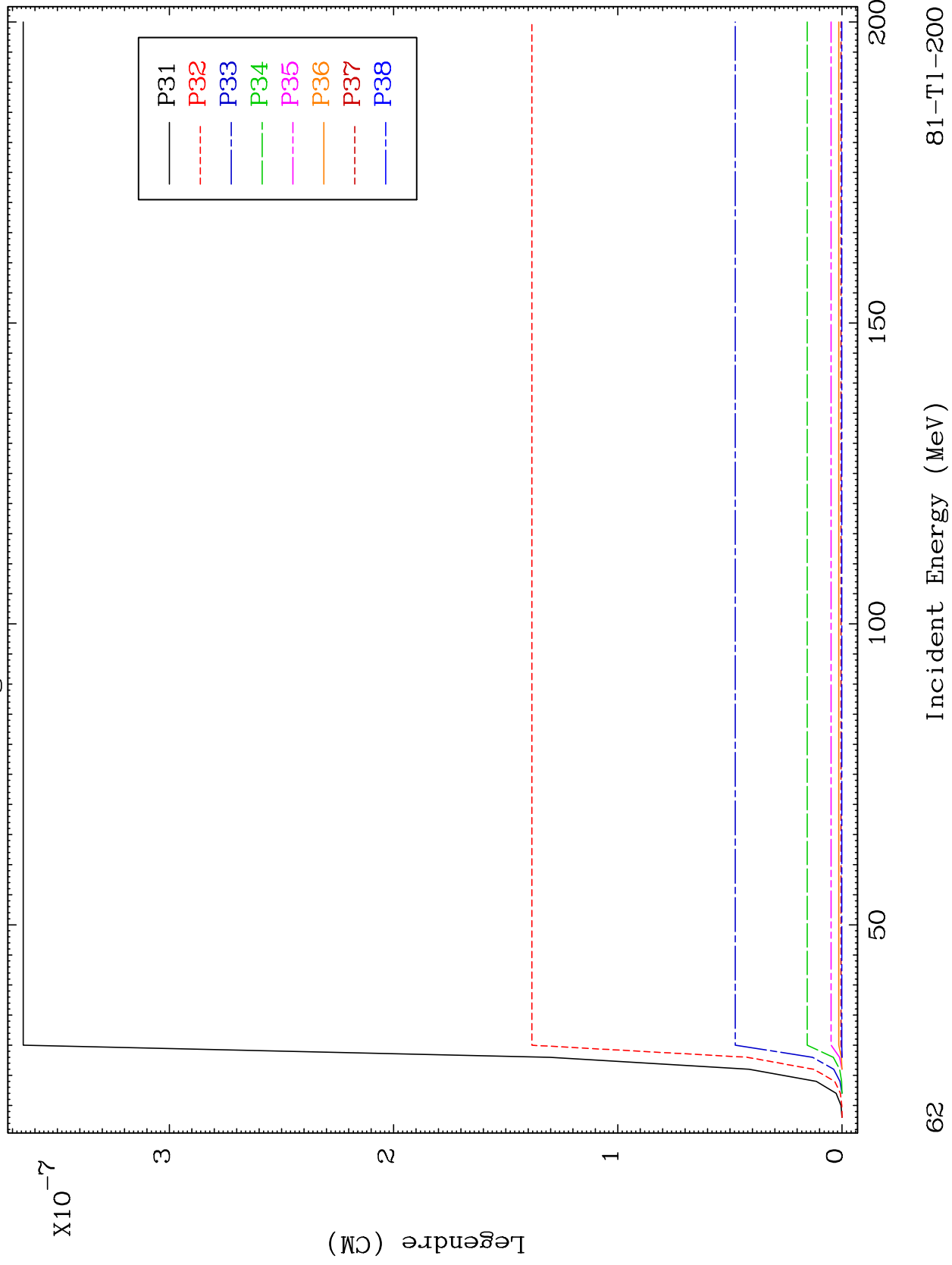
Incident Energy (MeV)

81-T1-200

MAT 81116

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

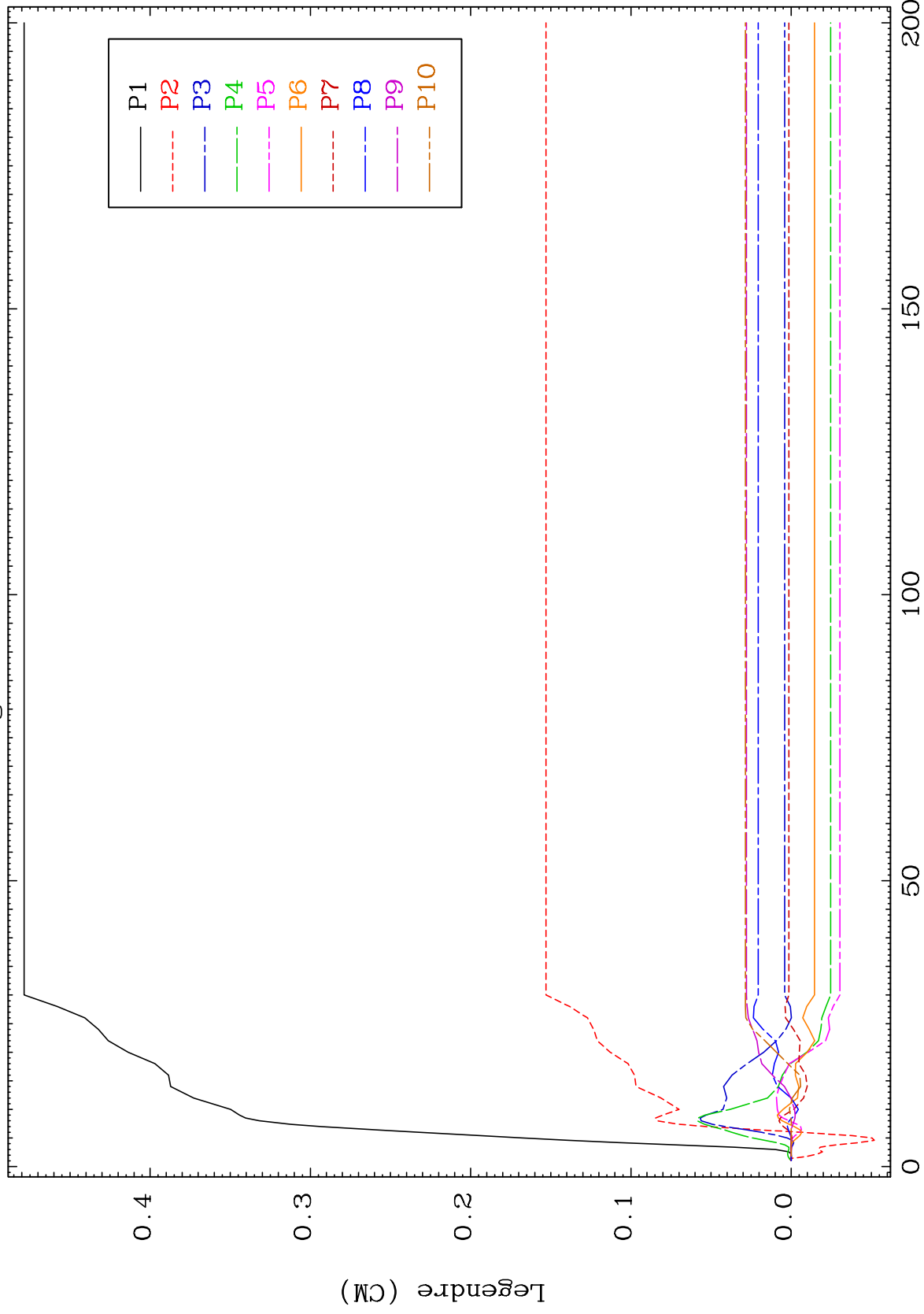
81-T1-200



MAT 81116

MT= 63 (n,n') Level  
Legendre Coefficients

81-T1-200



63

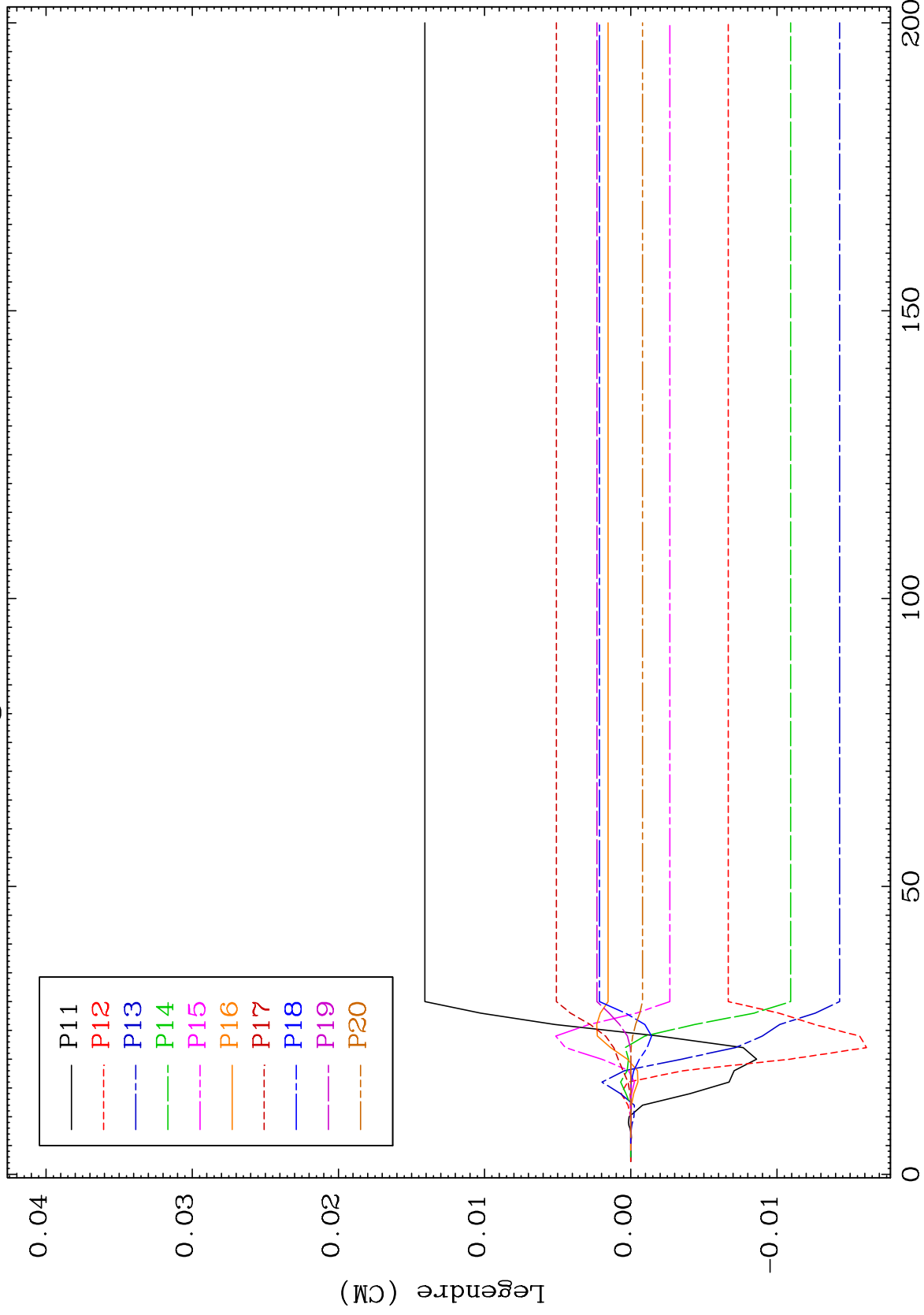
Incident Energy (MeV)

81-T1-200

MAT 8116

MT= 63 (n,n') Level  
Legendre Coefficients

81-T1-200



64

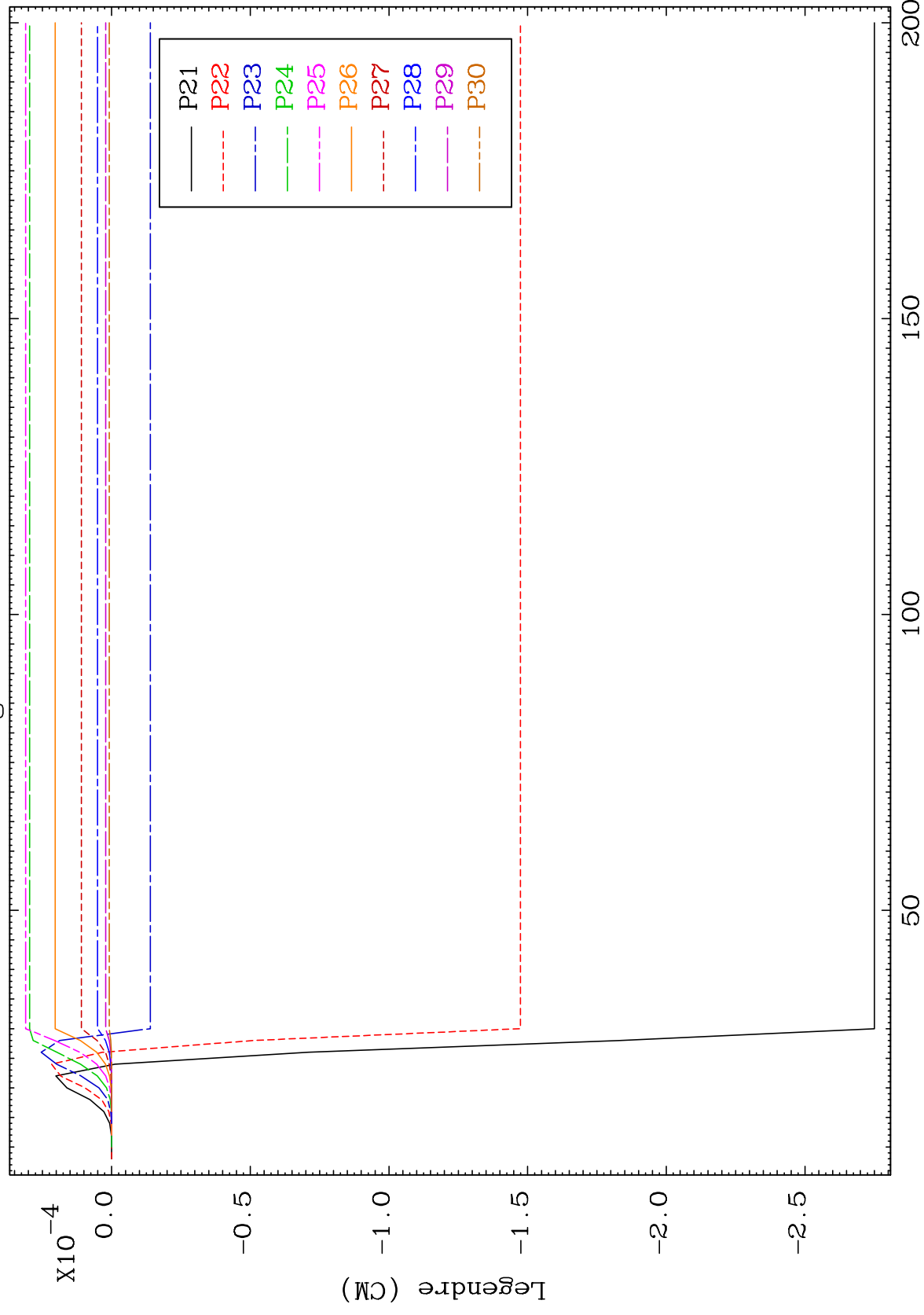
Incident Energy (MeV)

81-T1-200

MAT 81116

MT= 63 (n,n') Level  
Legendre Coefficients

81-T1-200



65

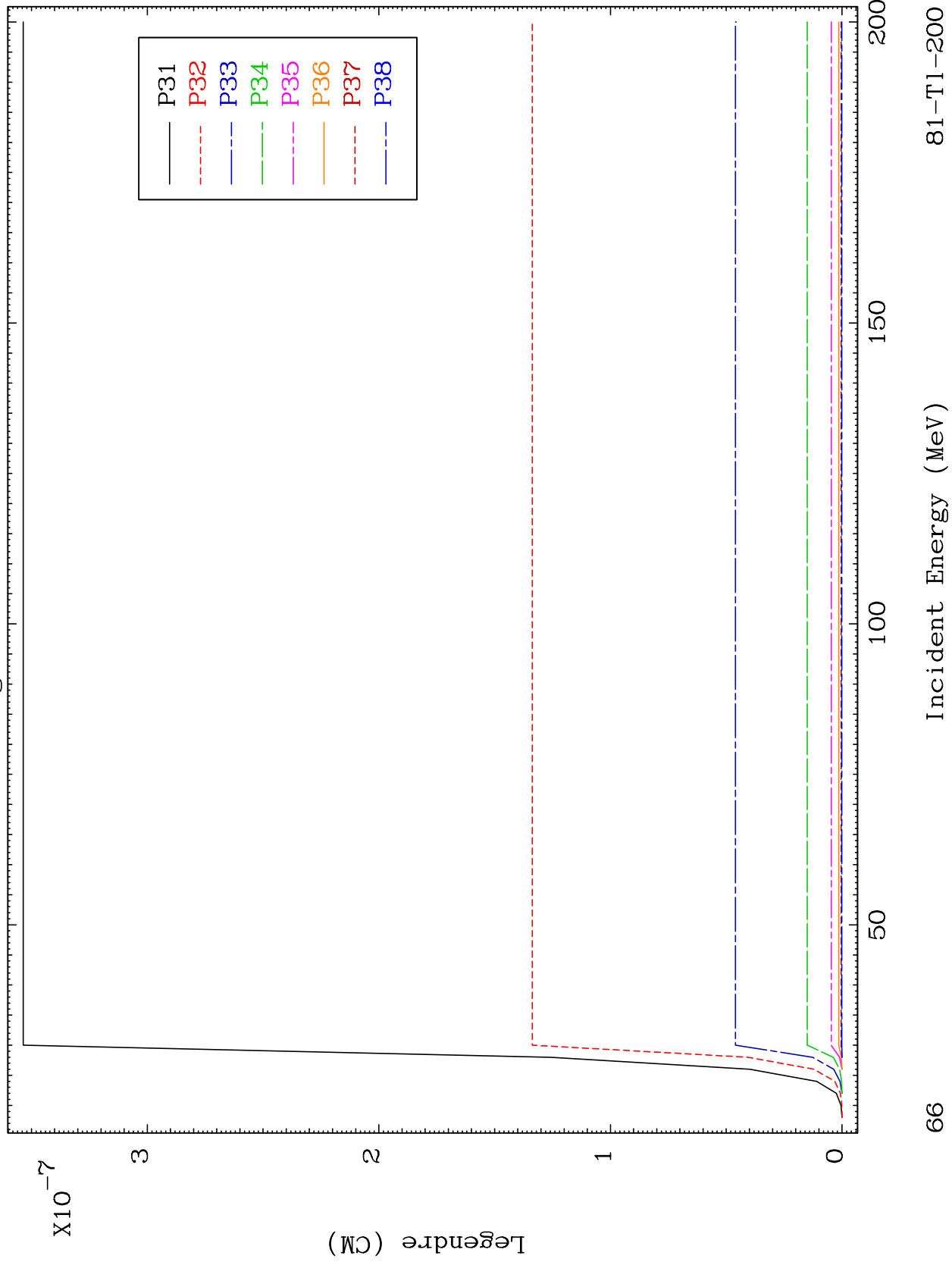
Incident Energy (MeV)

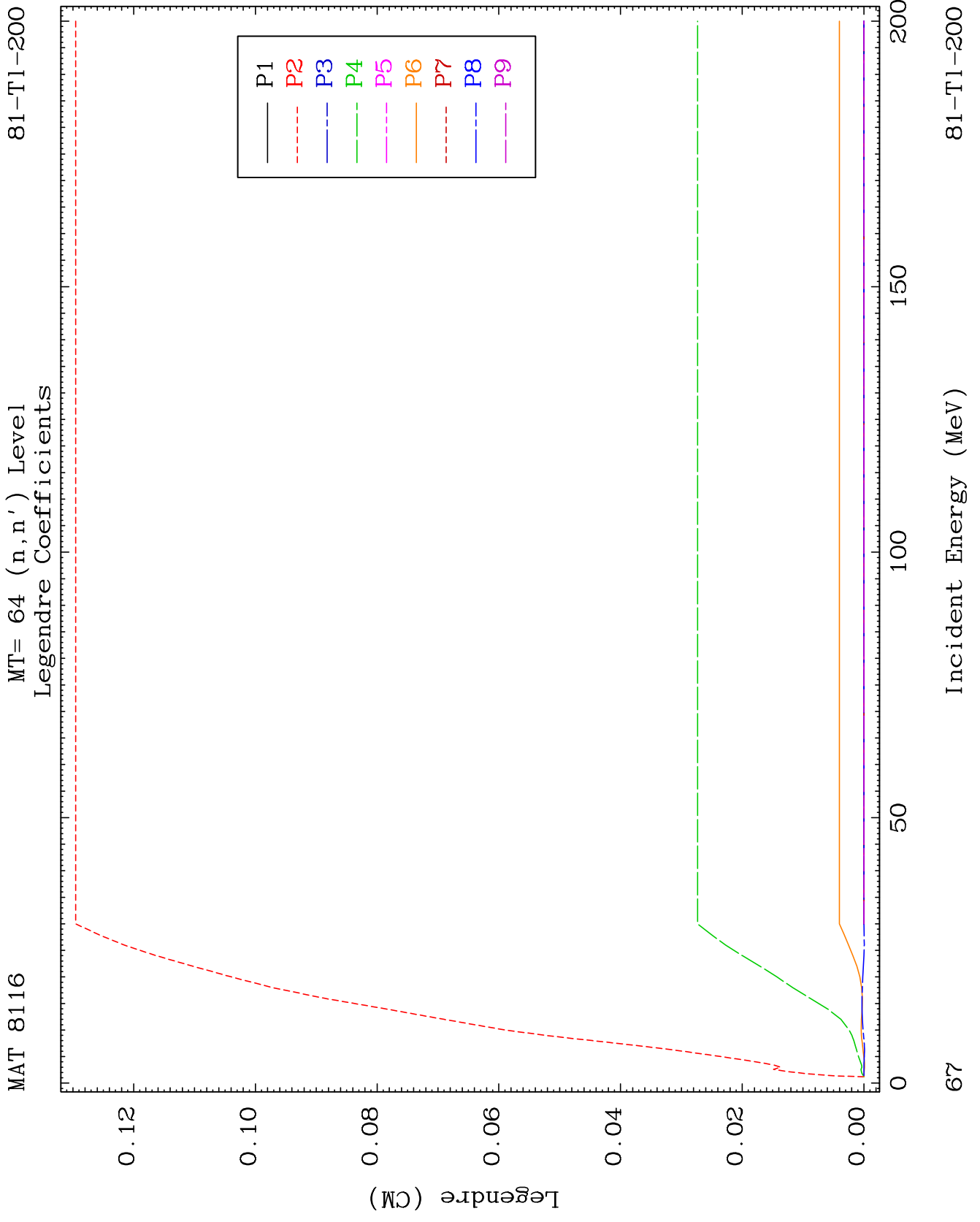
81-T1-200

MAT 8116

MT= 63 (n,n') Level  
Legendre Coefficients

81-T1-200

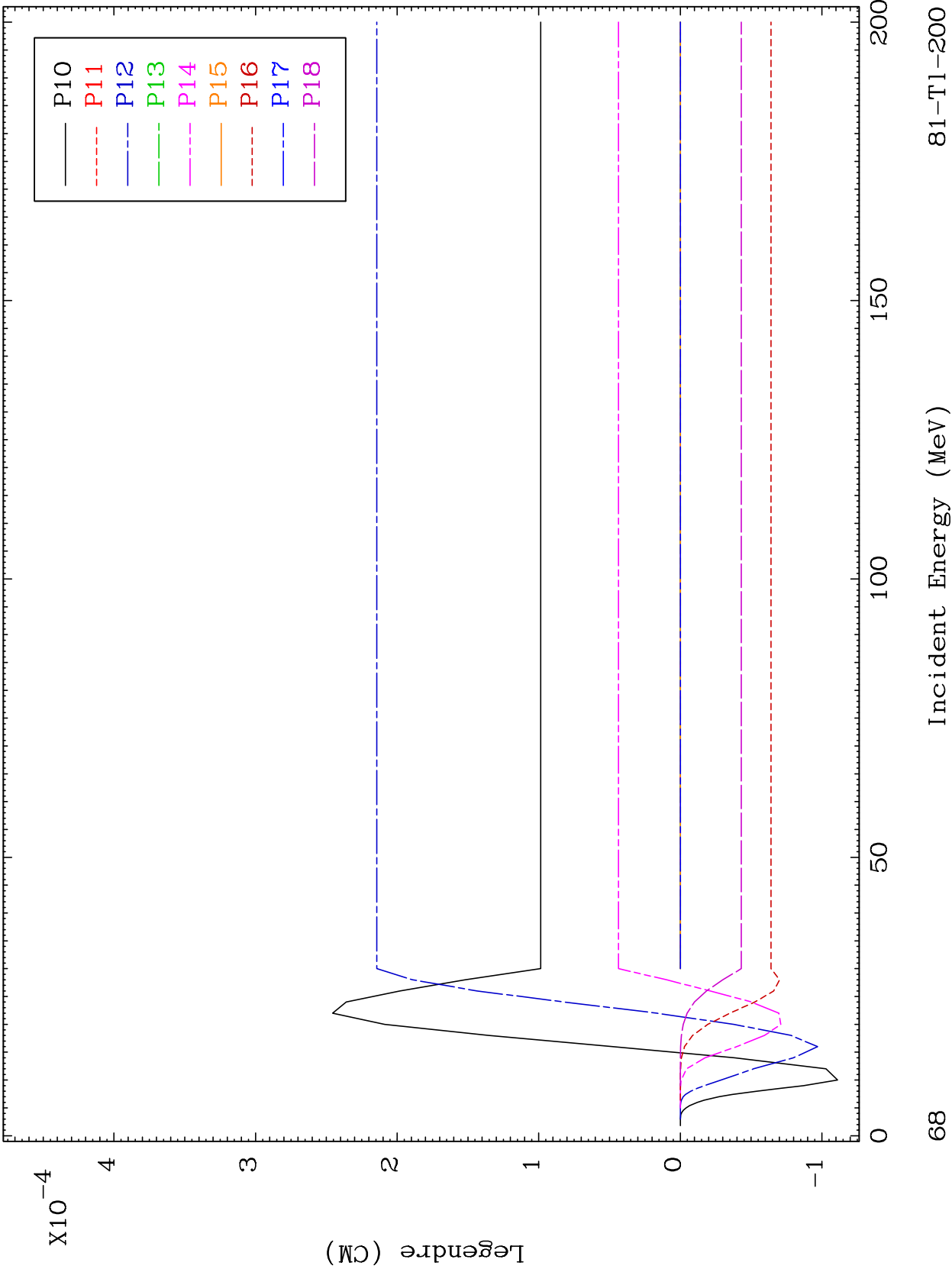




MAT 81116

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

81-T1-200



68

Incident Energy (MeV)

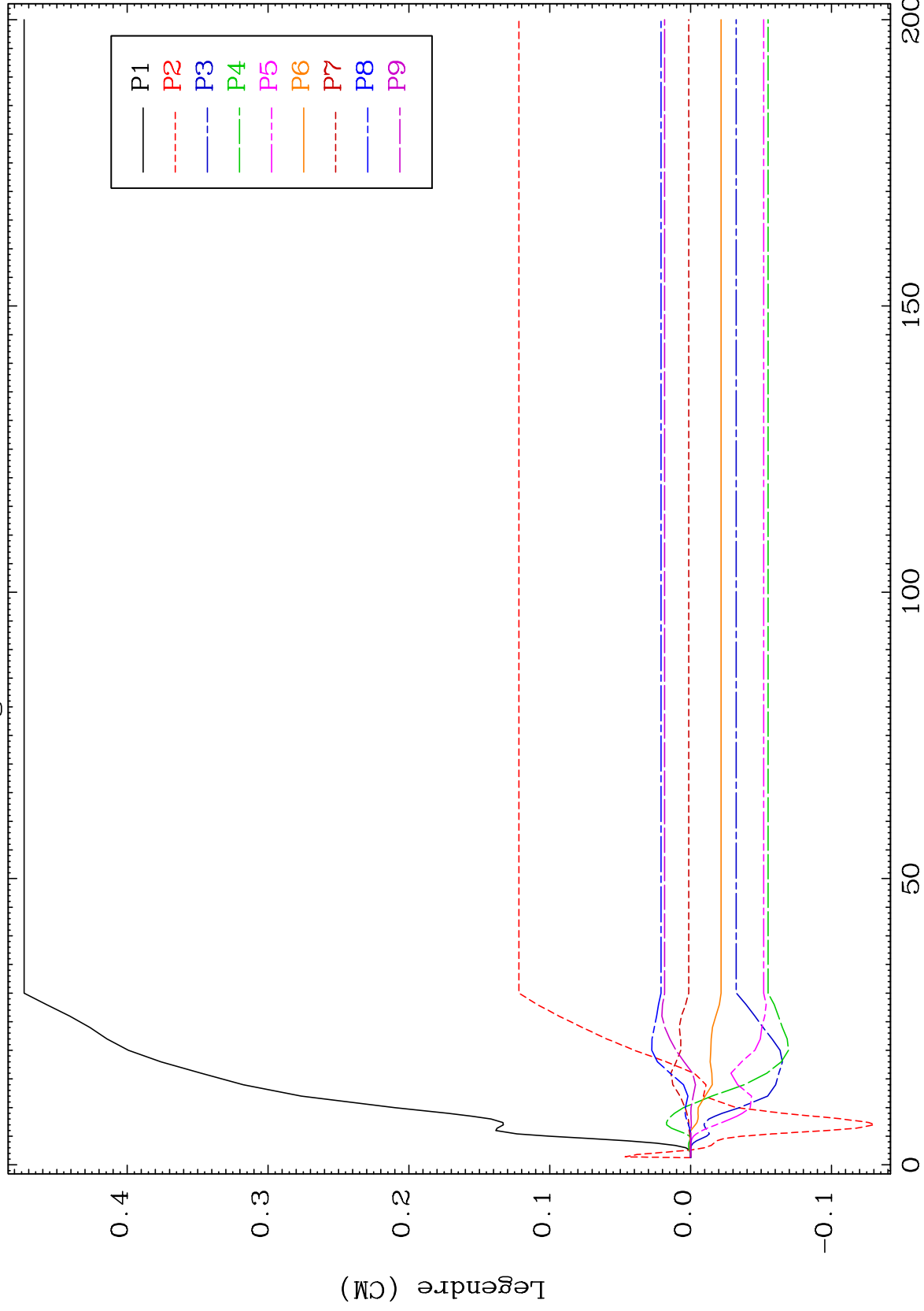
81-T1-200



MAT 81116

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

81-T1-200



81-T1-200

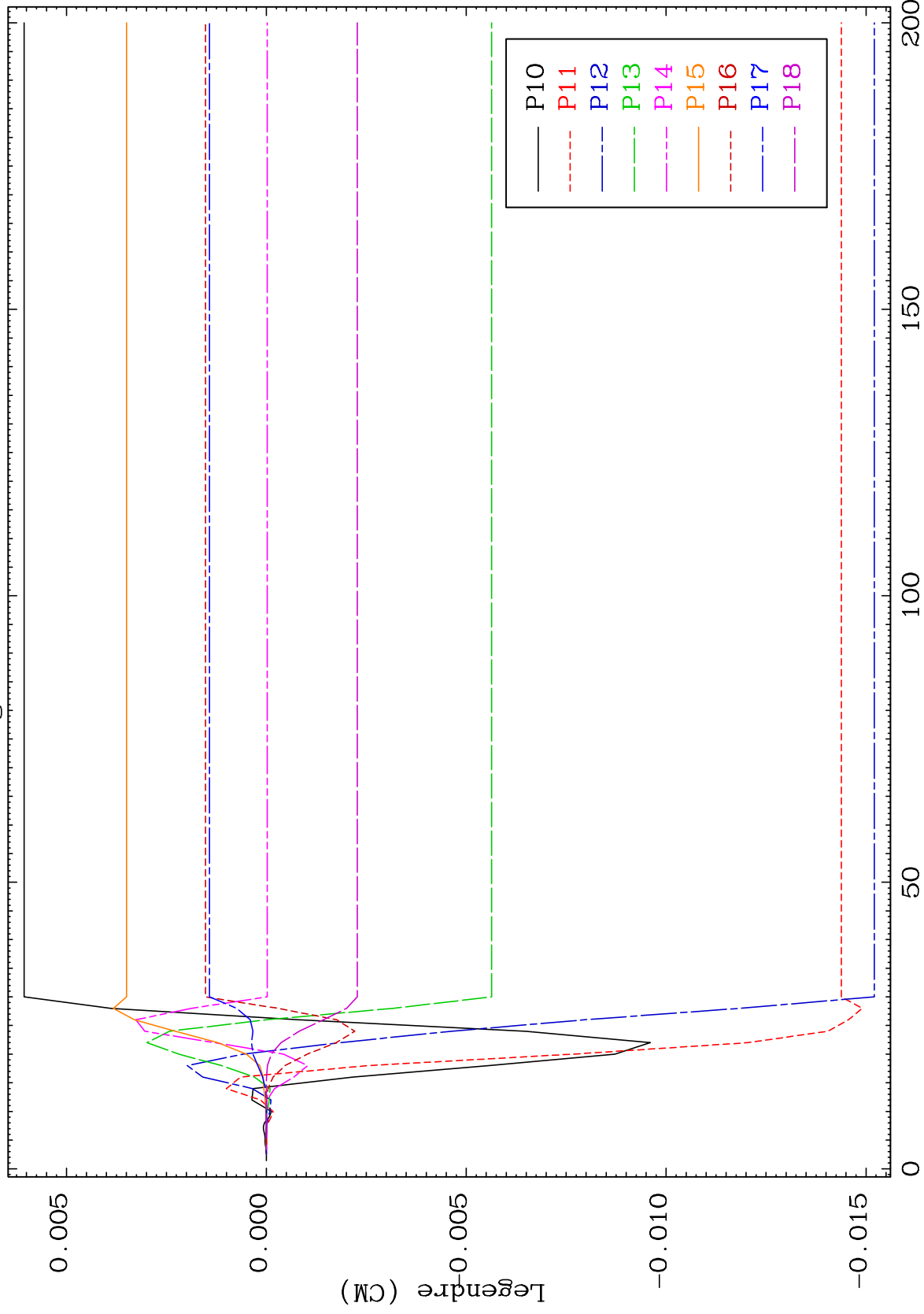
Incident Energy (MeV)

70

MAT 81116

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

81-T1-200



71

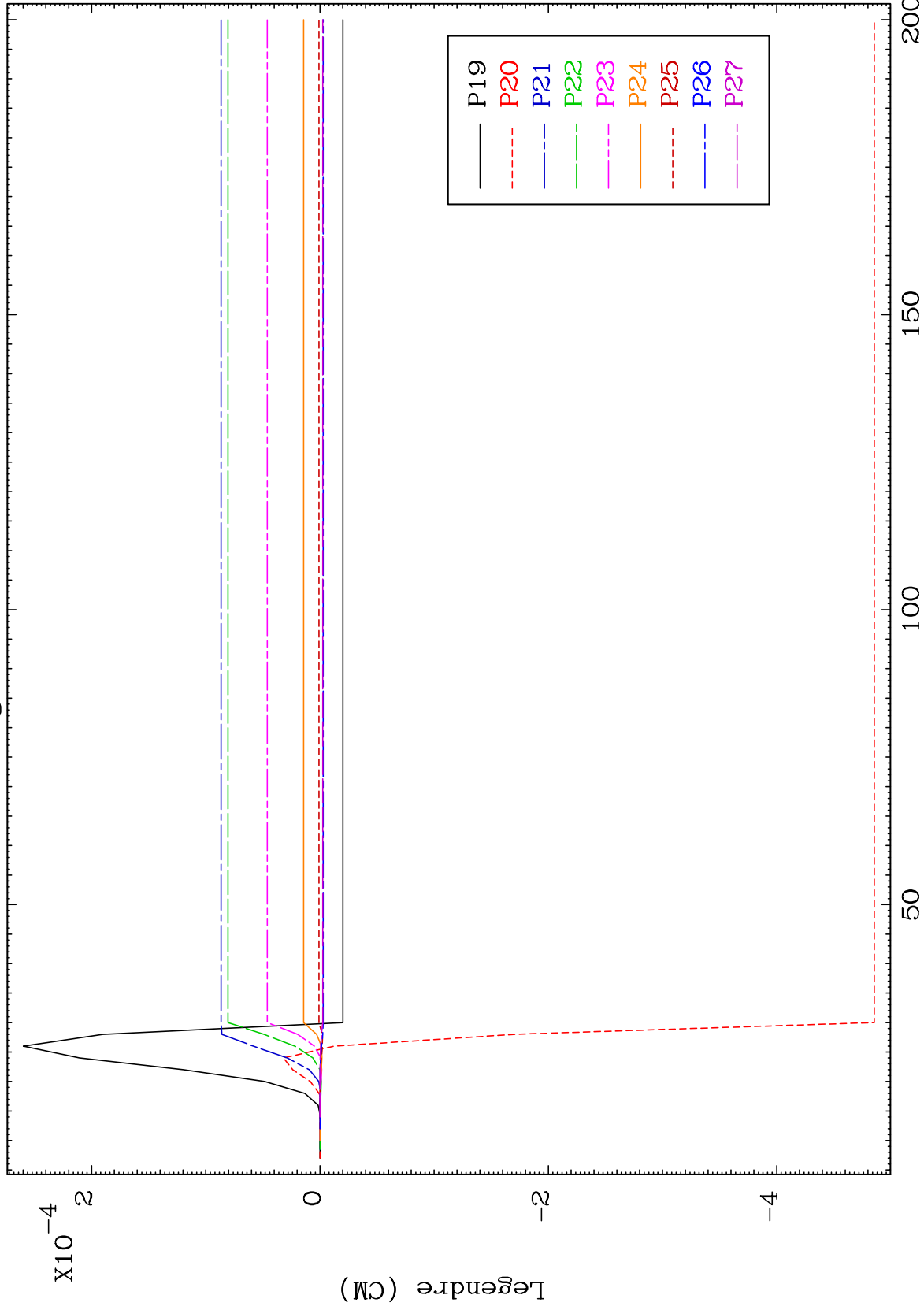
Incident Energy (MeV)

81-T1-200

MAT 81116

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

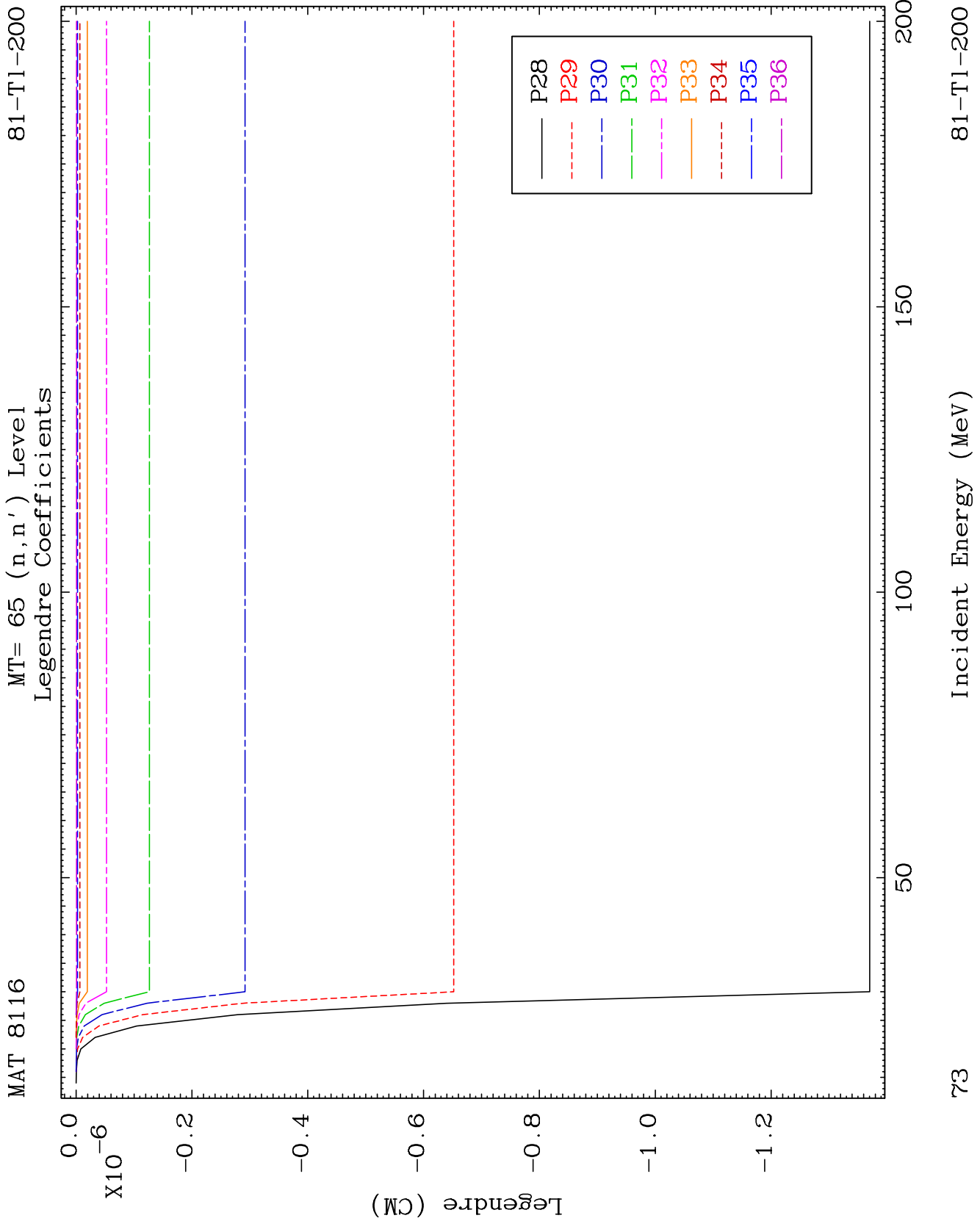
81-T1-200



72

Incident Energy (MeV)

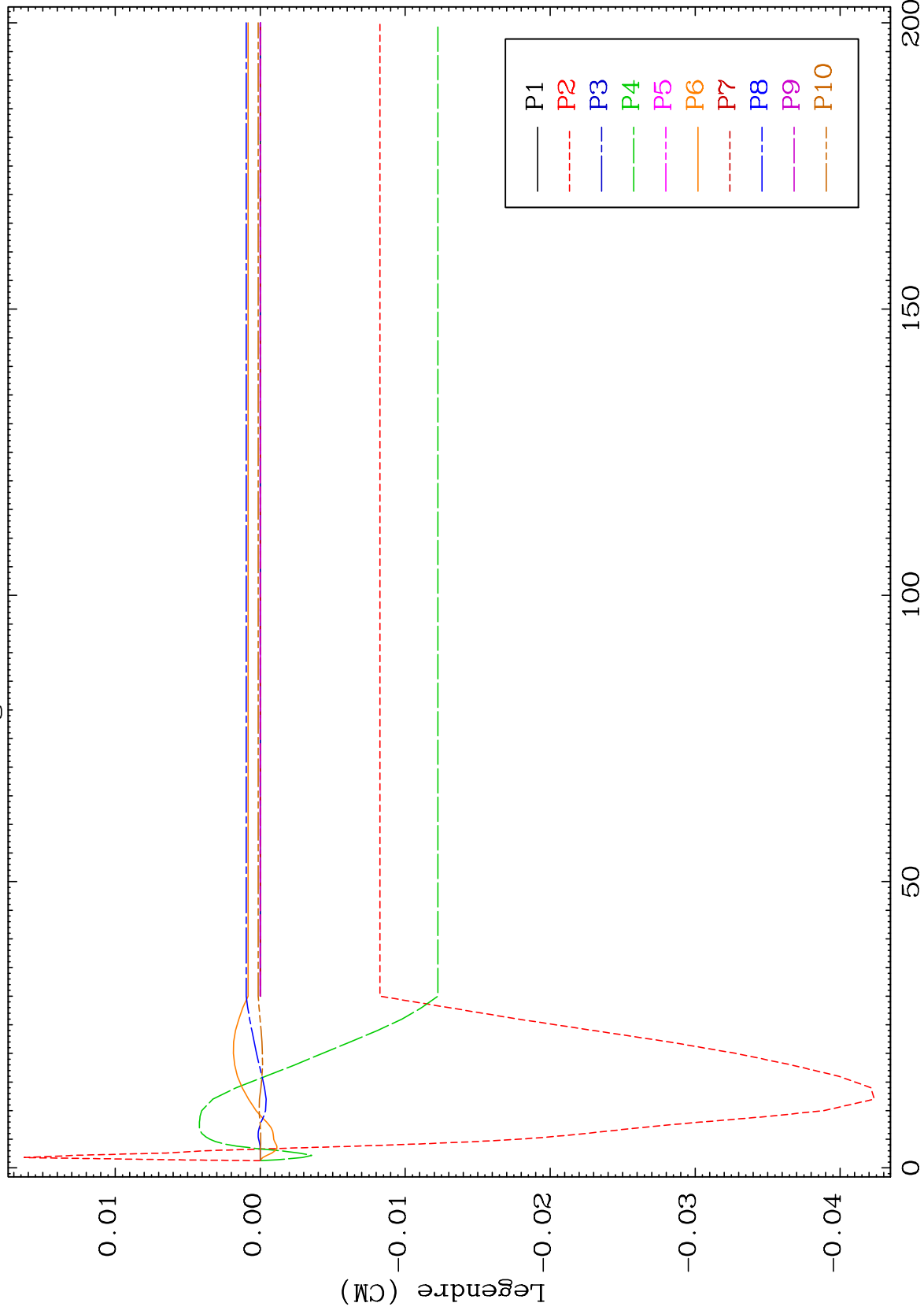
81-T1-200



MAT 81116

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

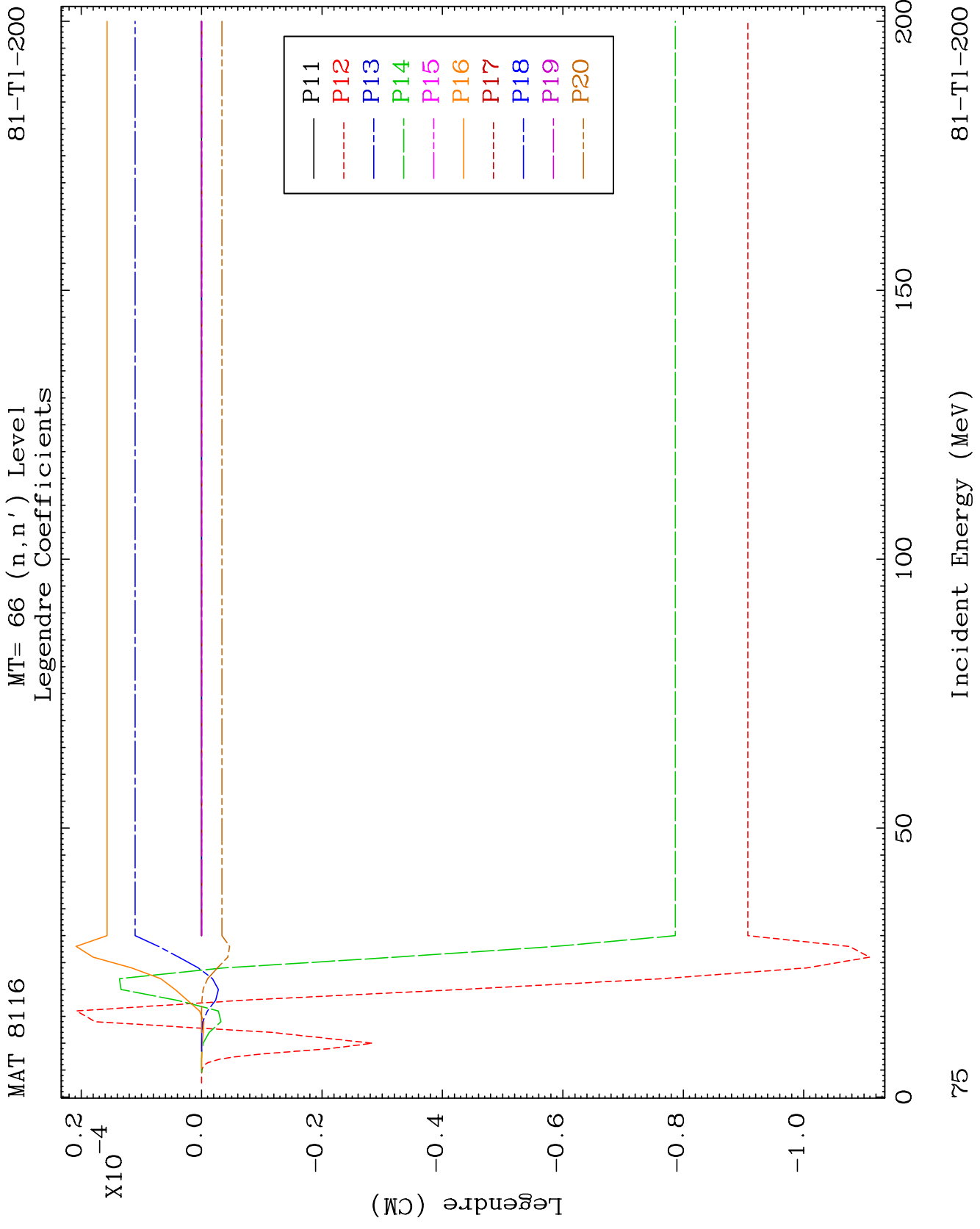
81-T1-200

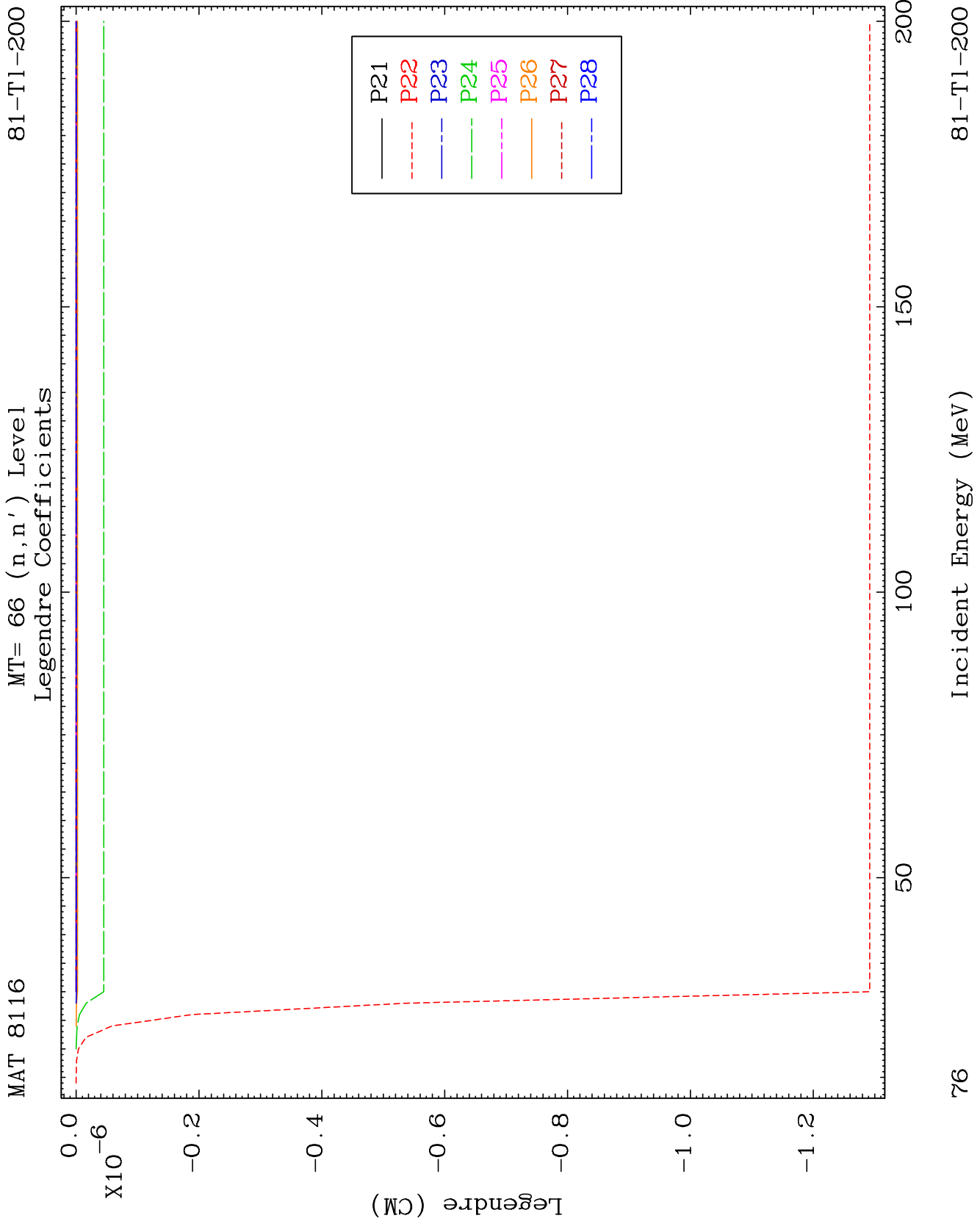


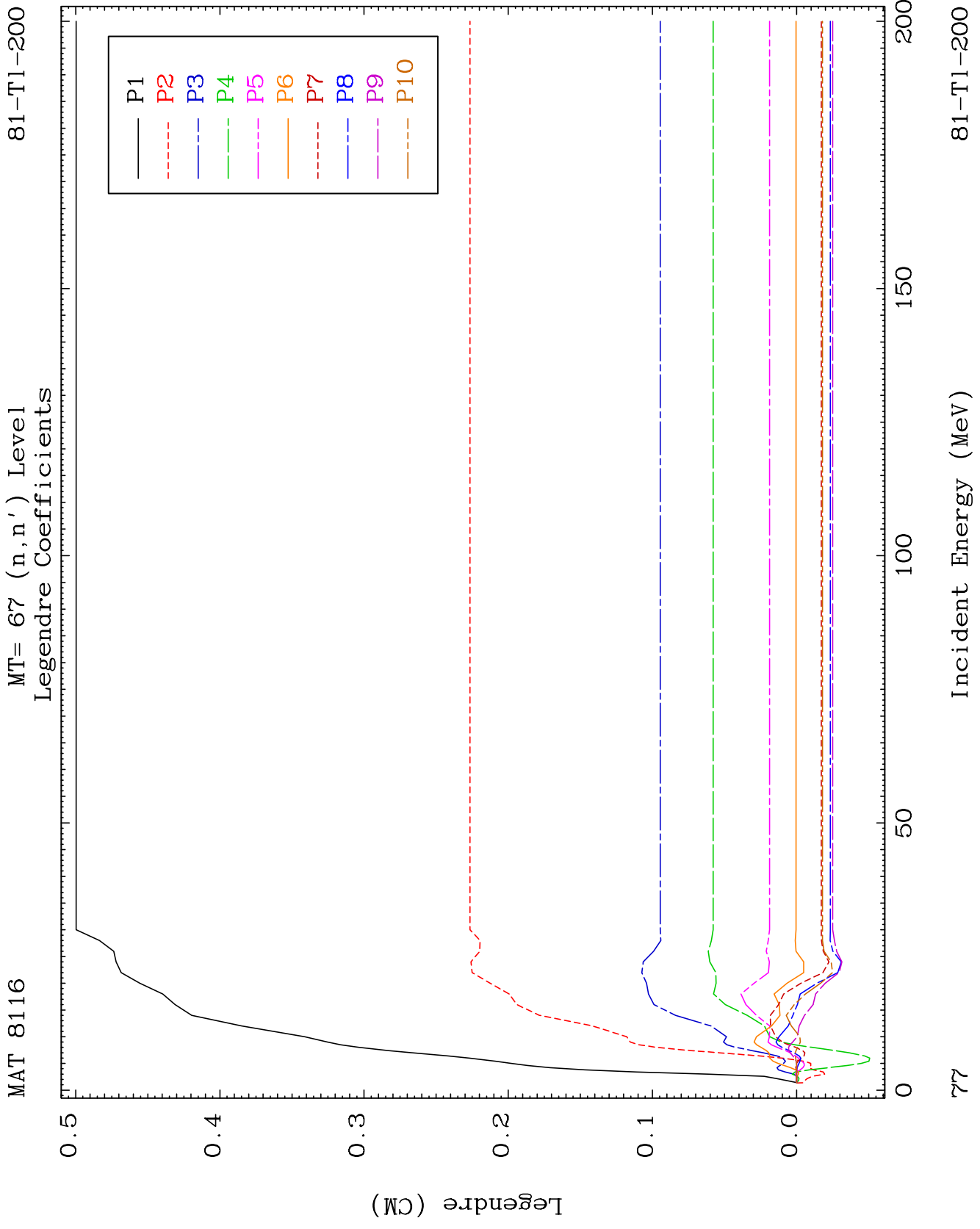
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Incident Energy (MeV)

81-T1-200



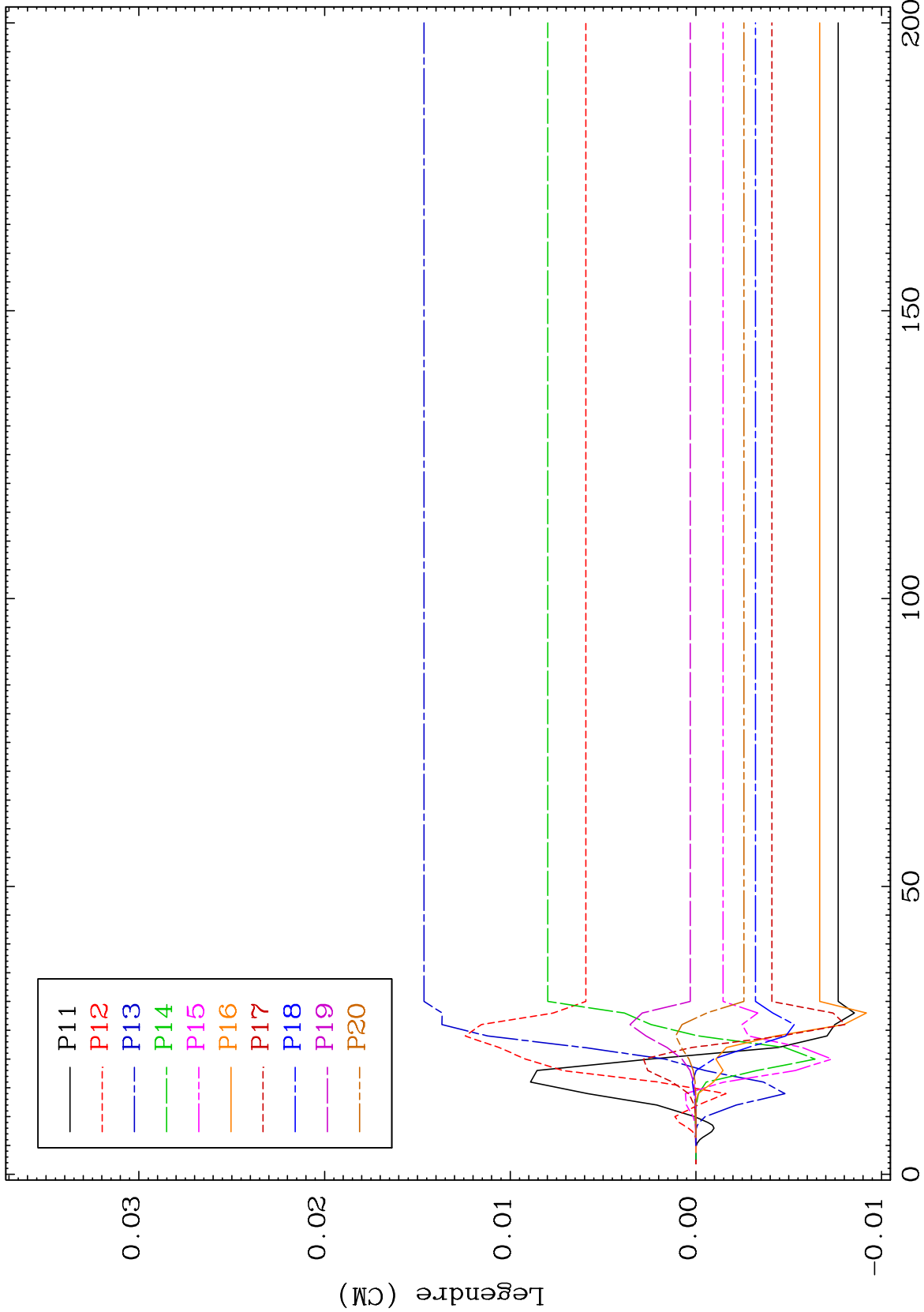




MAT 8116

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

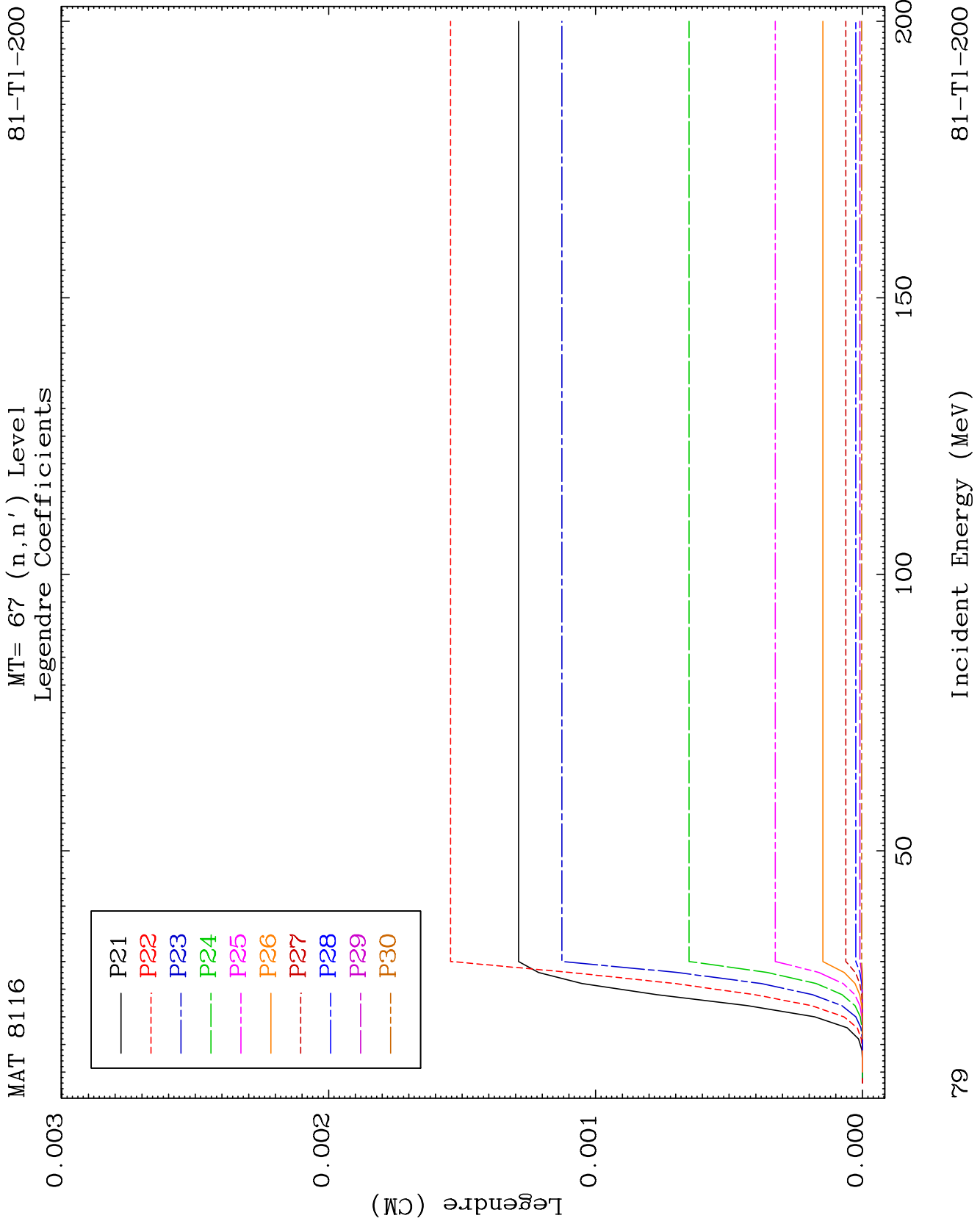
81-T1-200

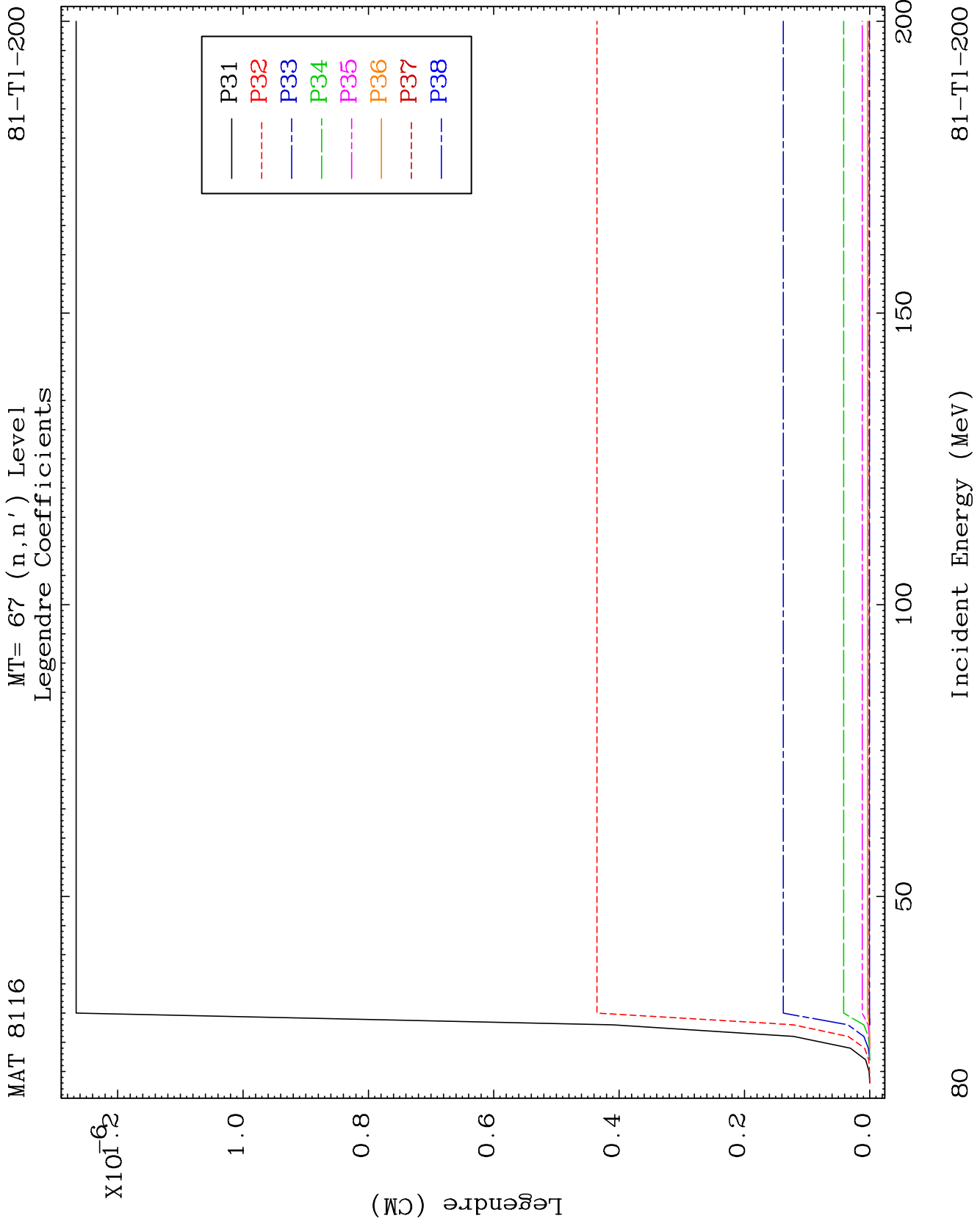


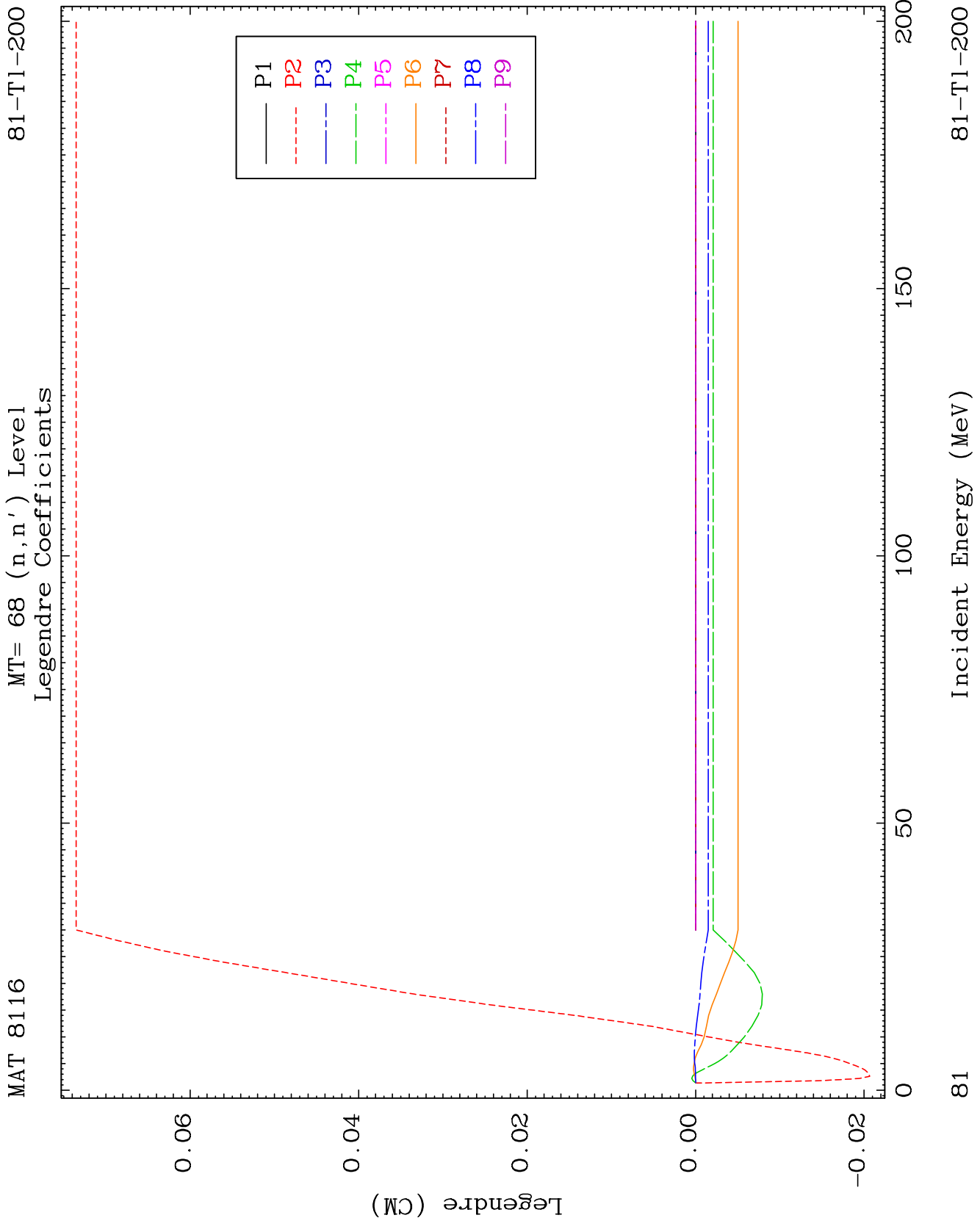
78

Incident Energy (MeV)

81-T1-200



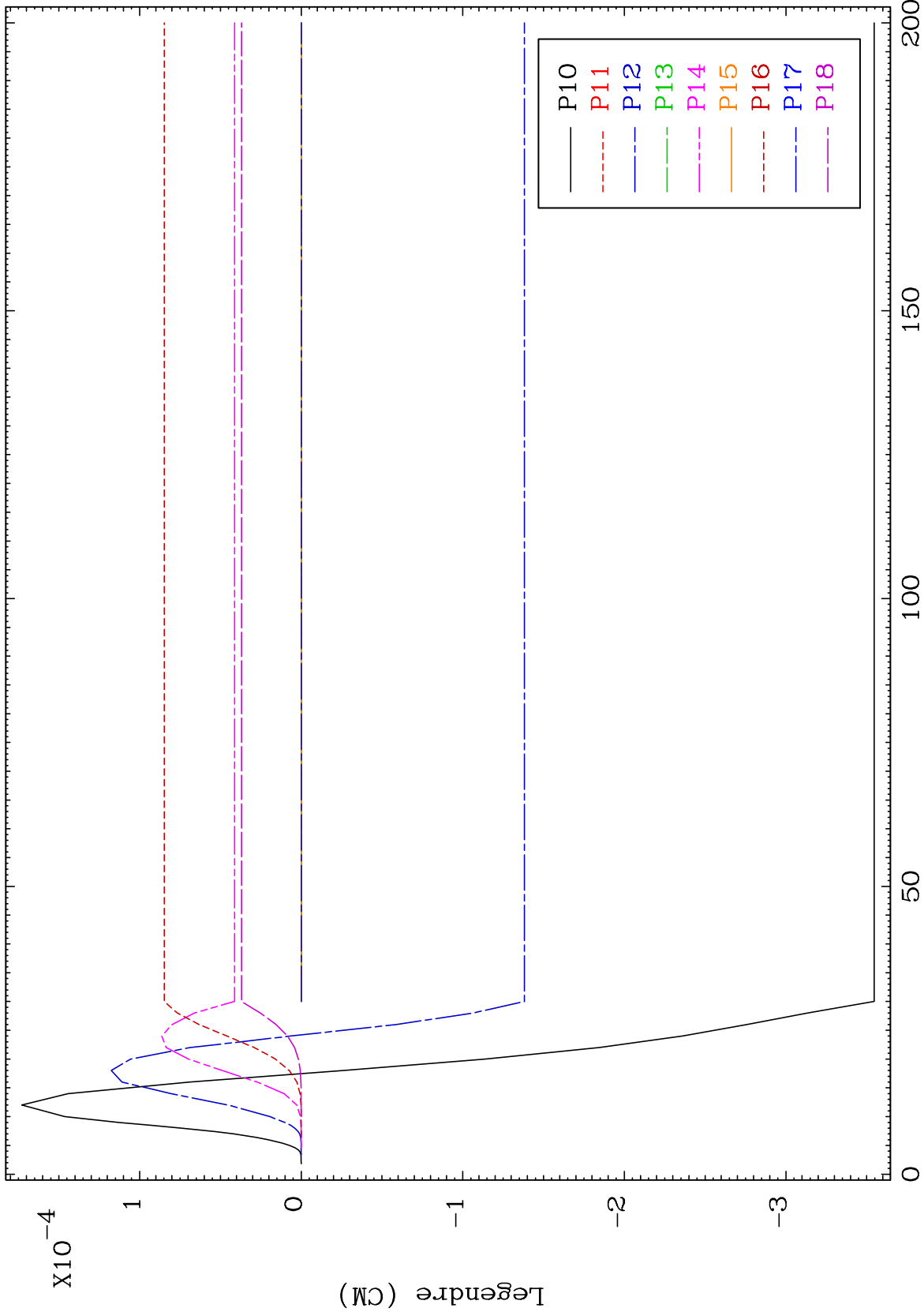




MAT 81116

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

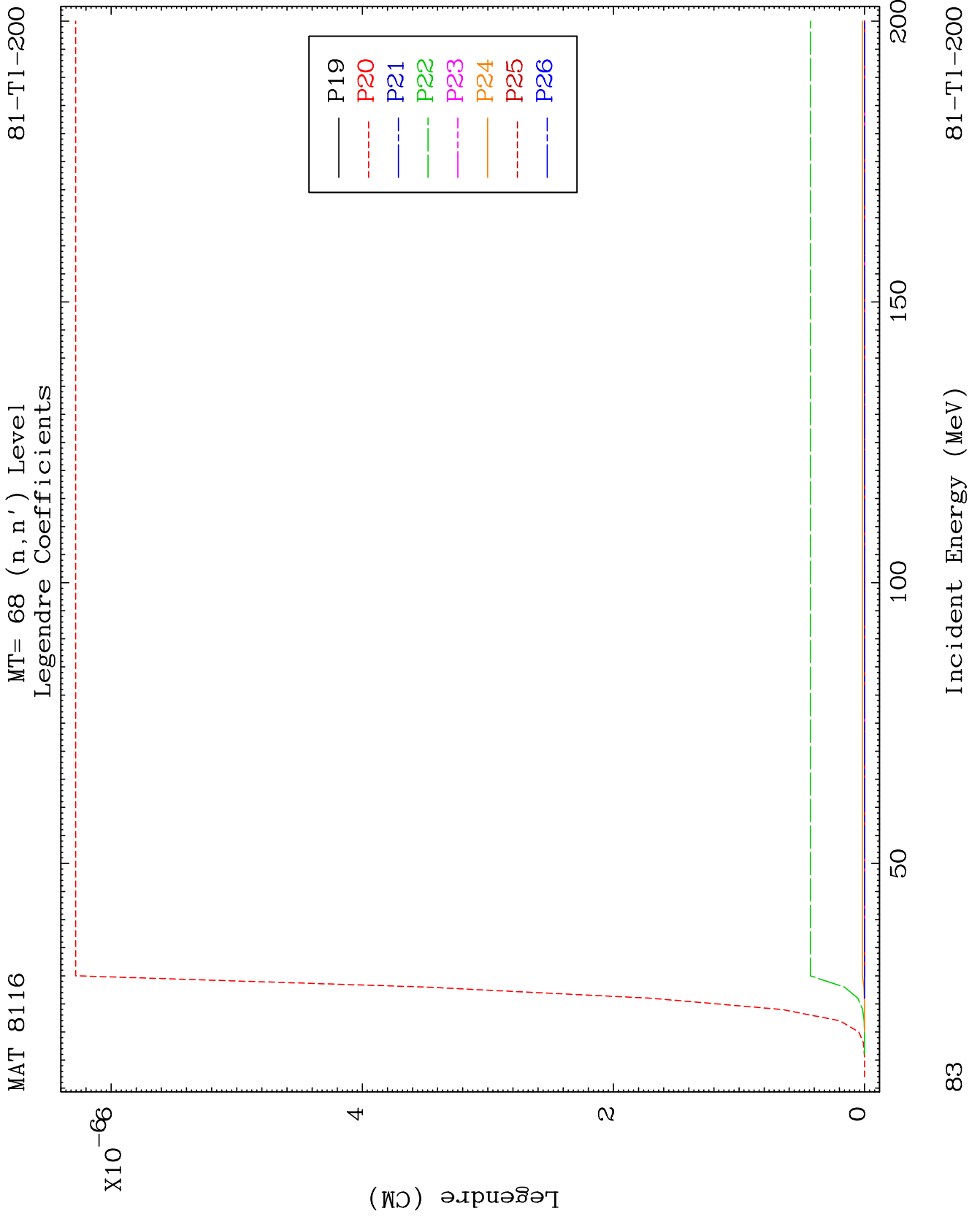
81-Tl-200



82

81-Tl-200

81-Tl-200

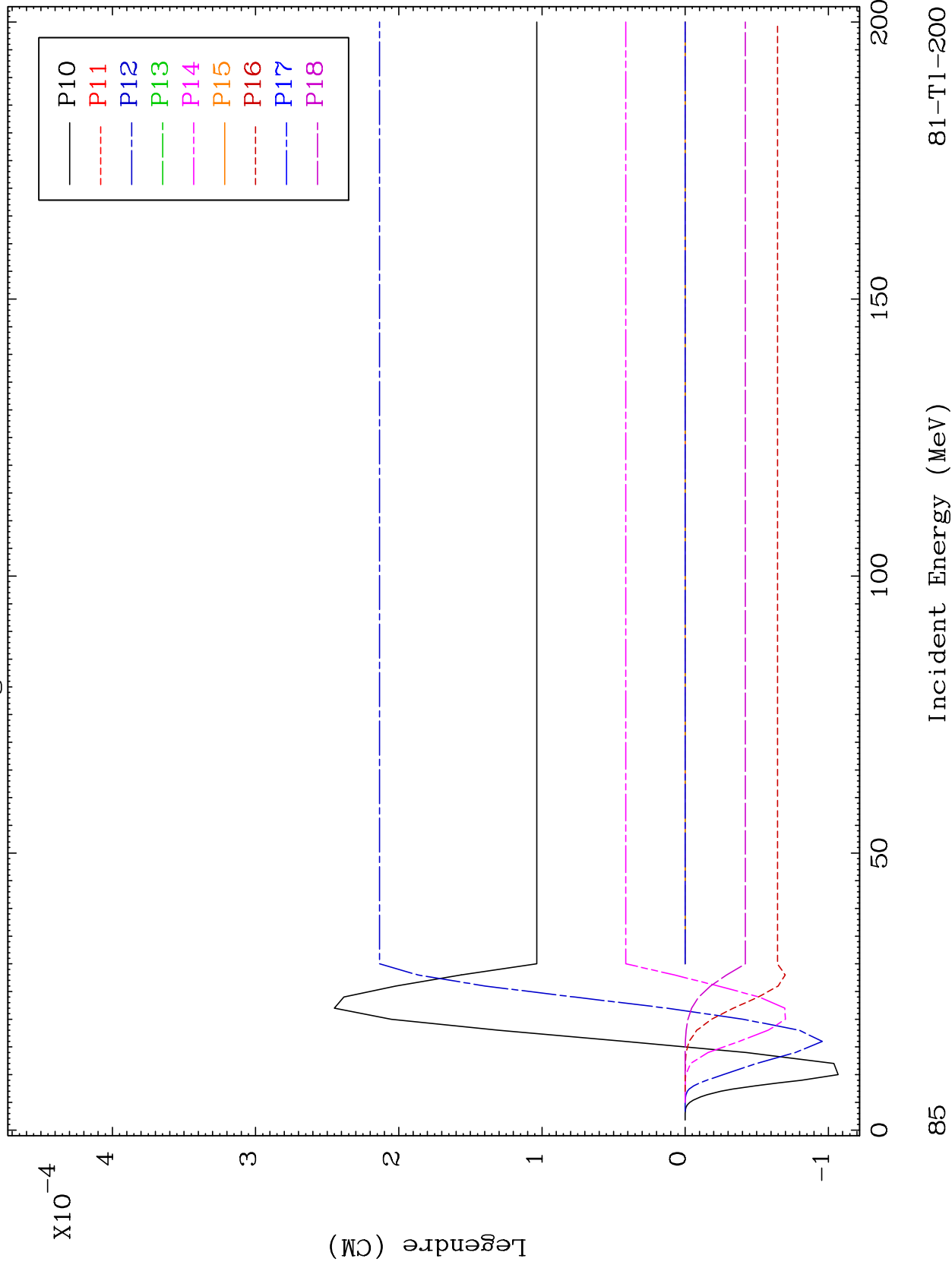




MAT 81116

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

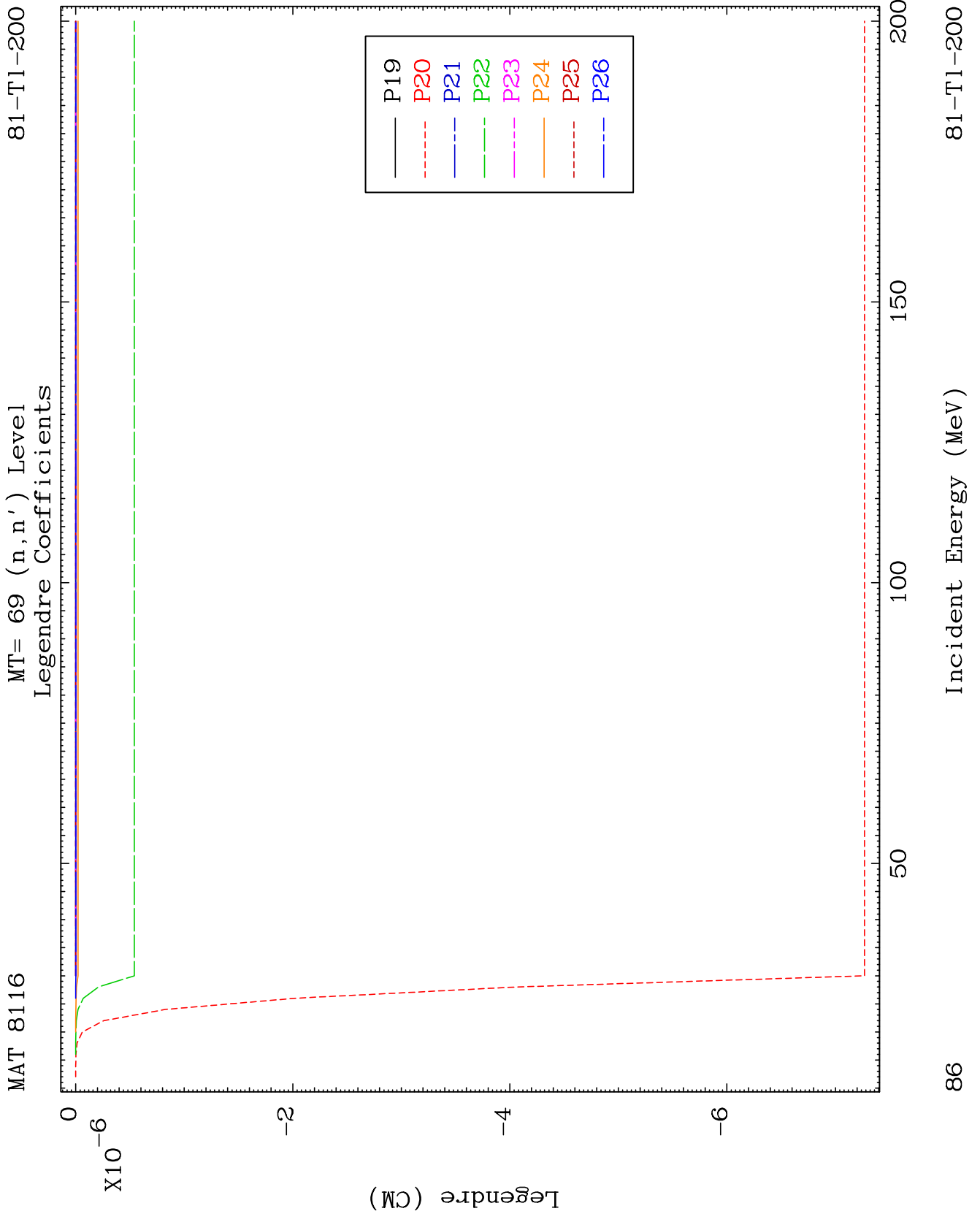
81-T1-200



81-T1-200

Incident Energy (MeV)

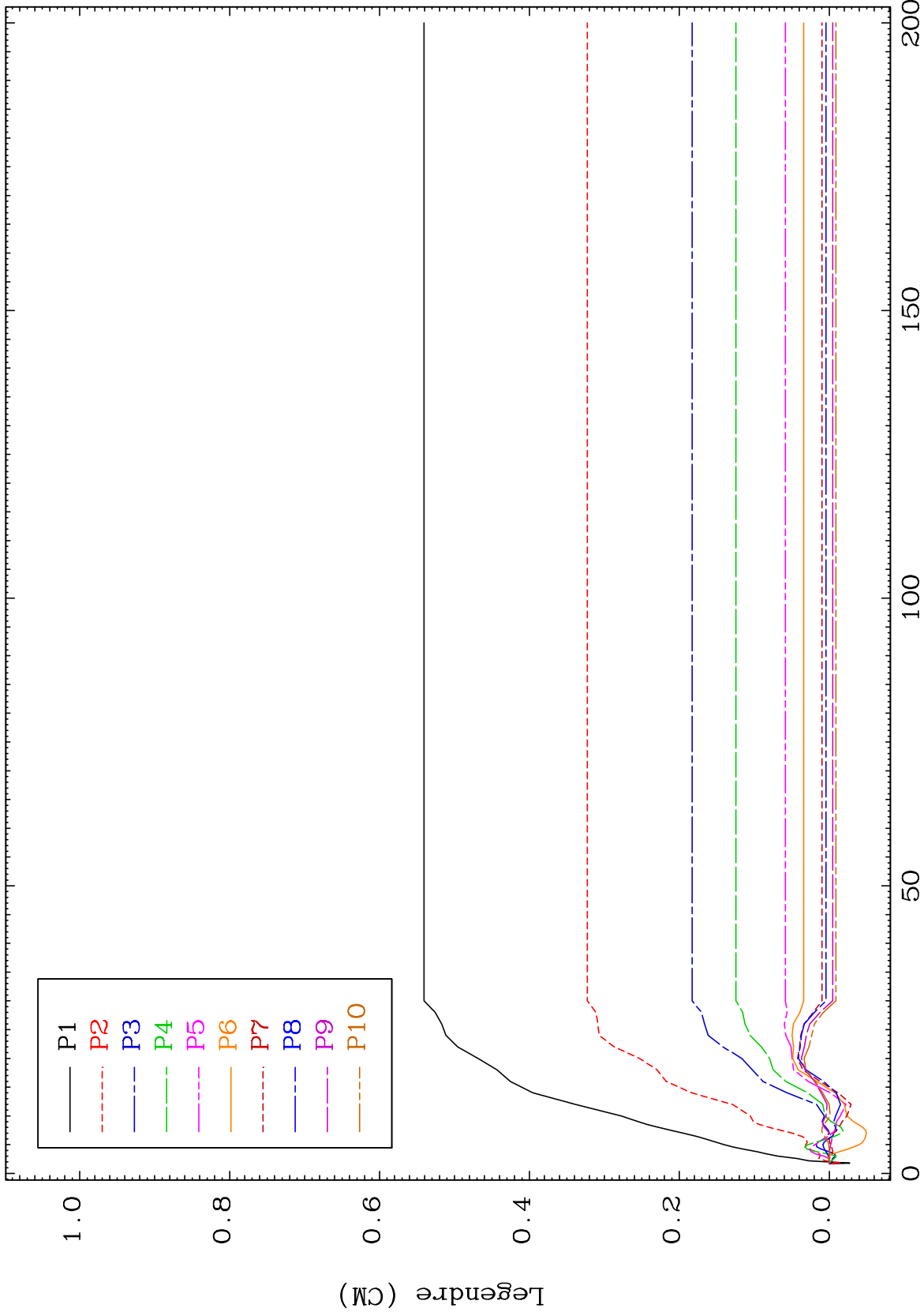
85



MAT 81116

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

81-T1-200



87

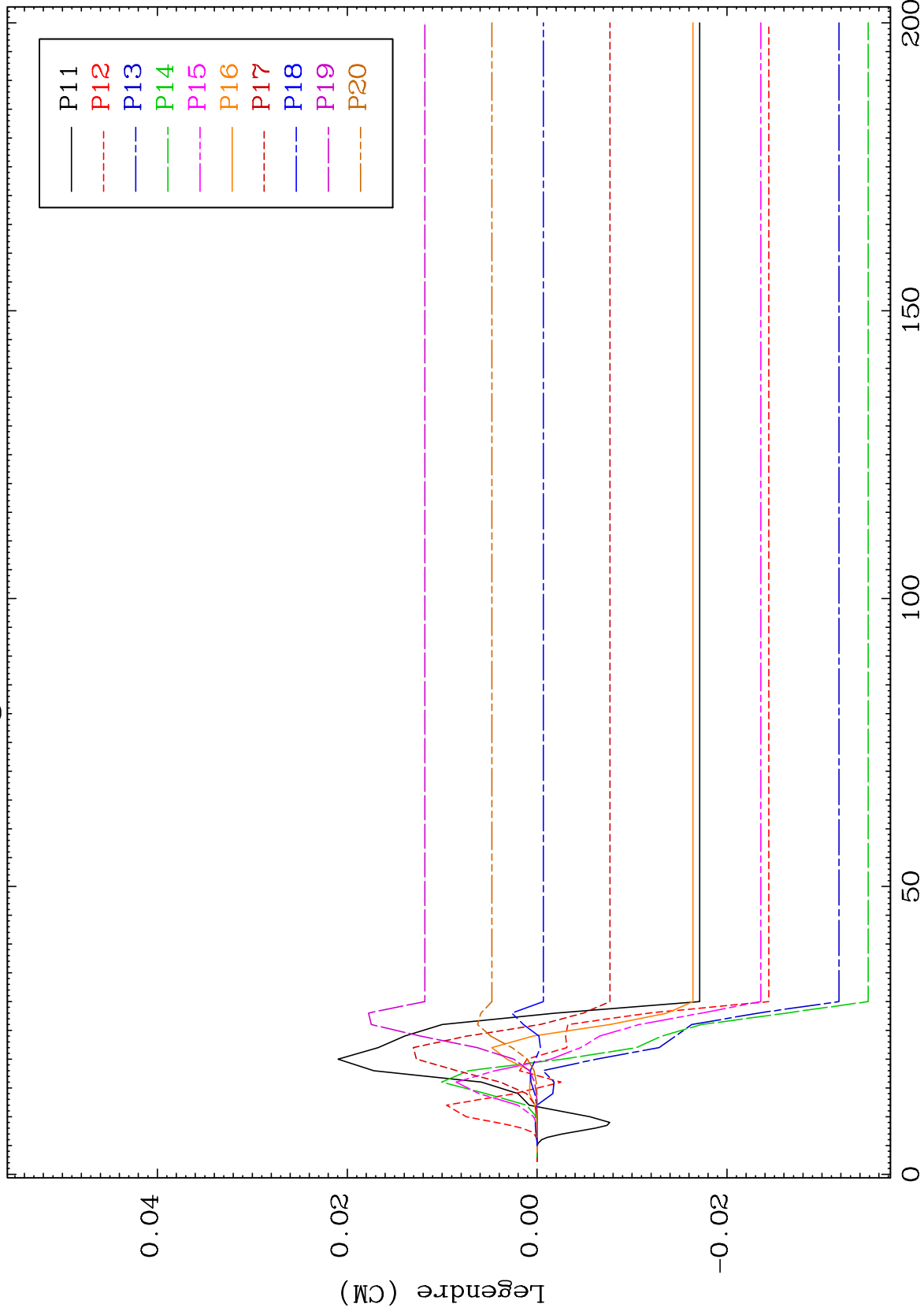
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-T1-200



88

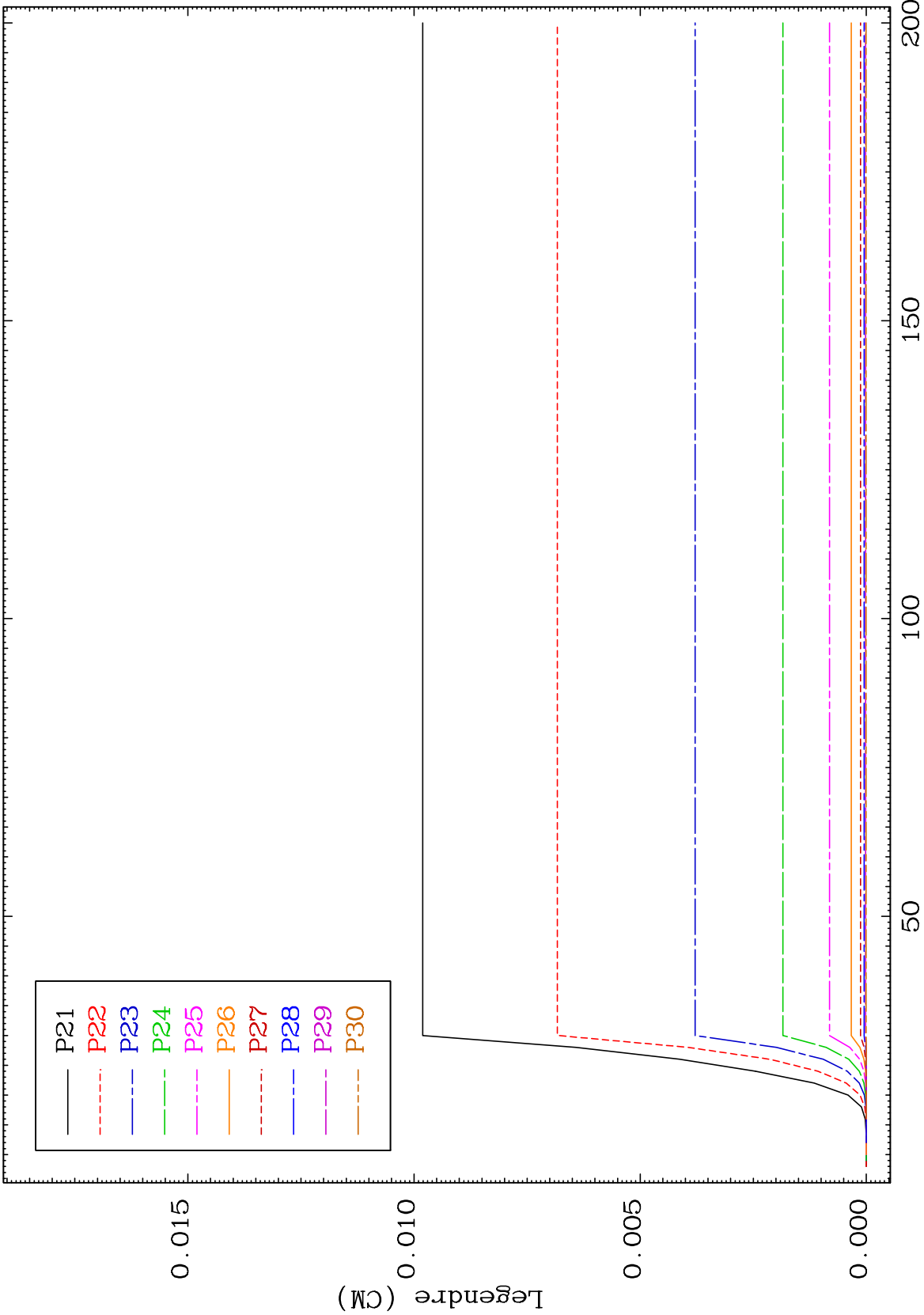
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-Tl-200



89

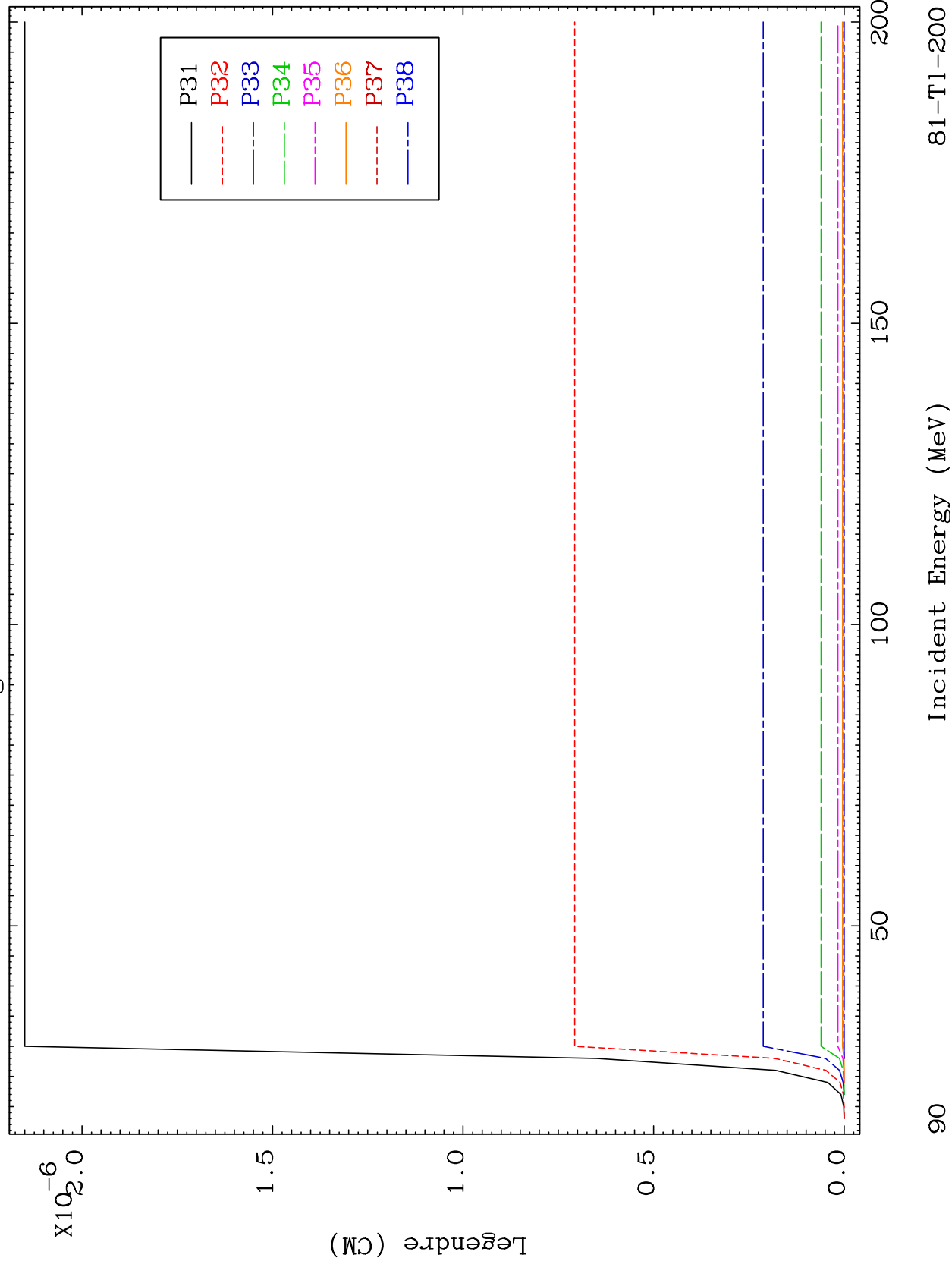
81-Tl-200

Incident Energy (MeV)

MAT 81116

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

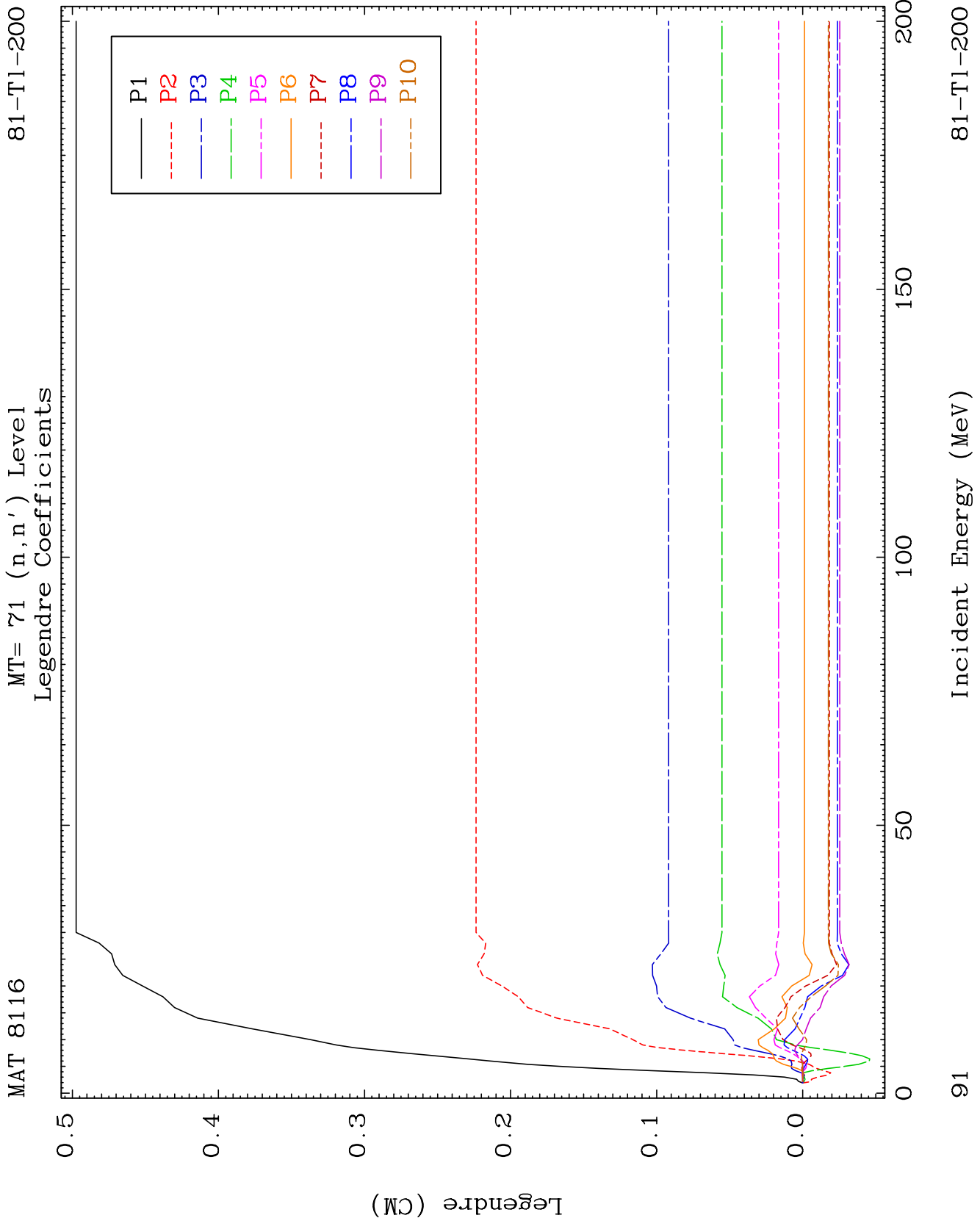
81-T1-200



90

Incident Energy (MeV)

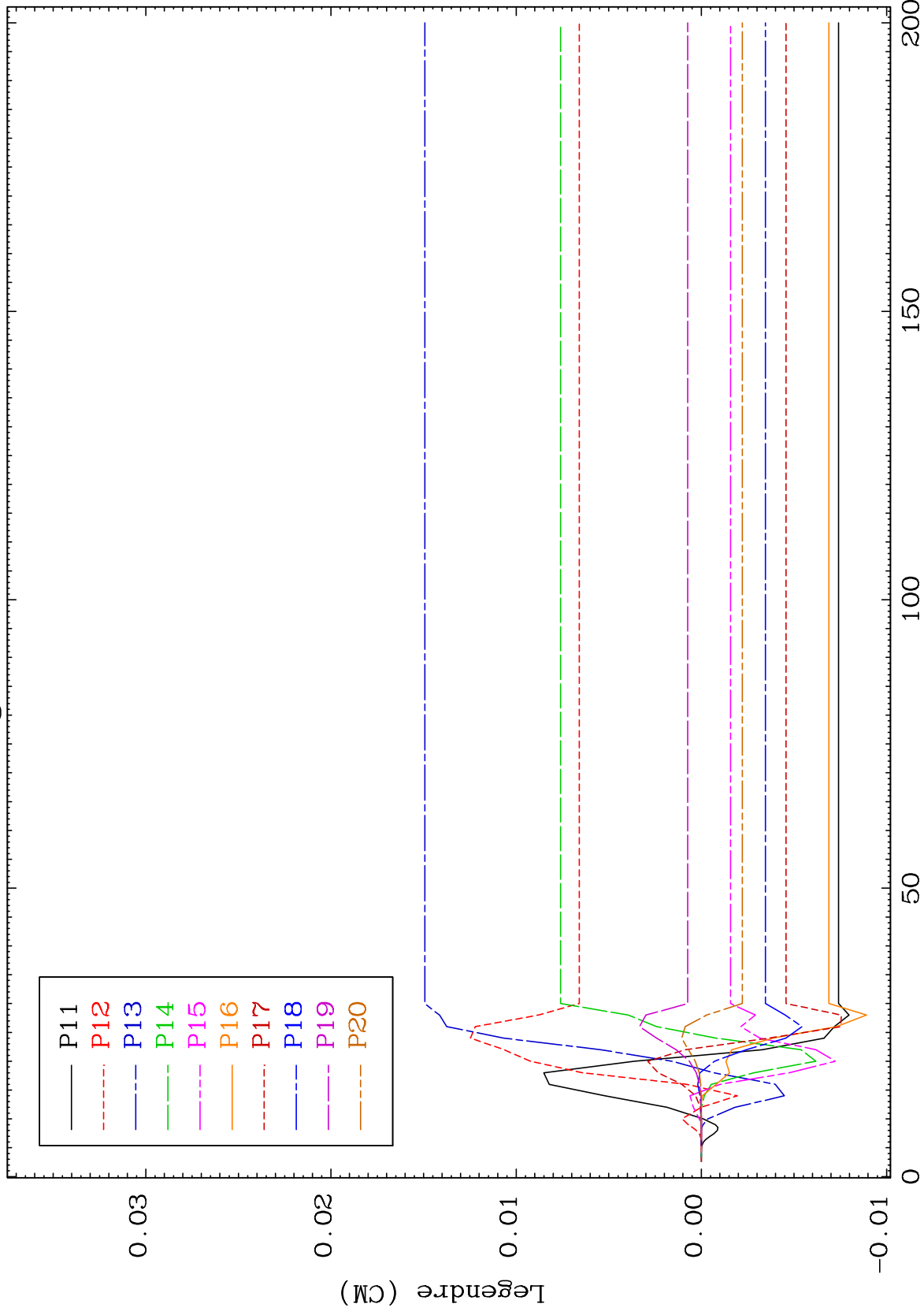
81-T1-200



MAT 8116

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

81-T1-200



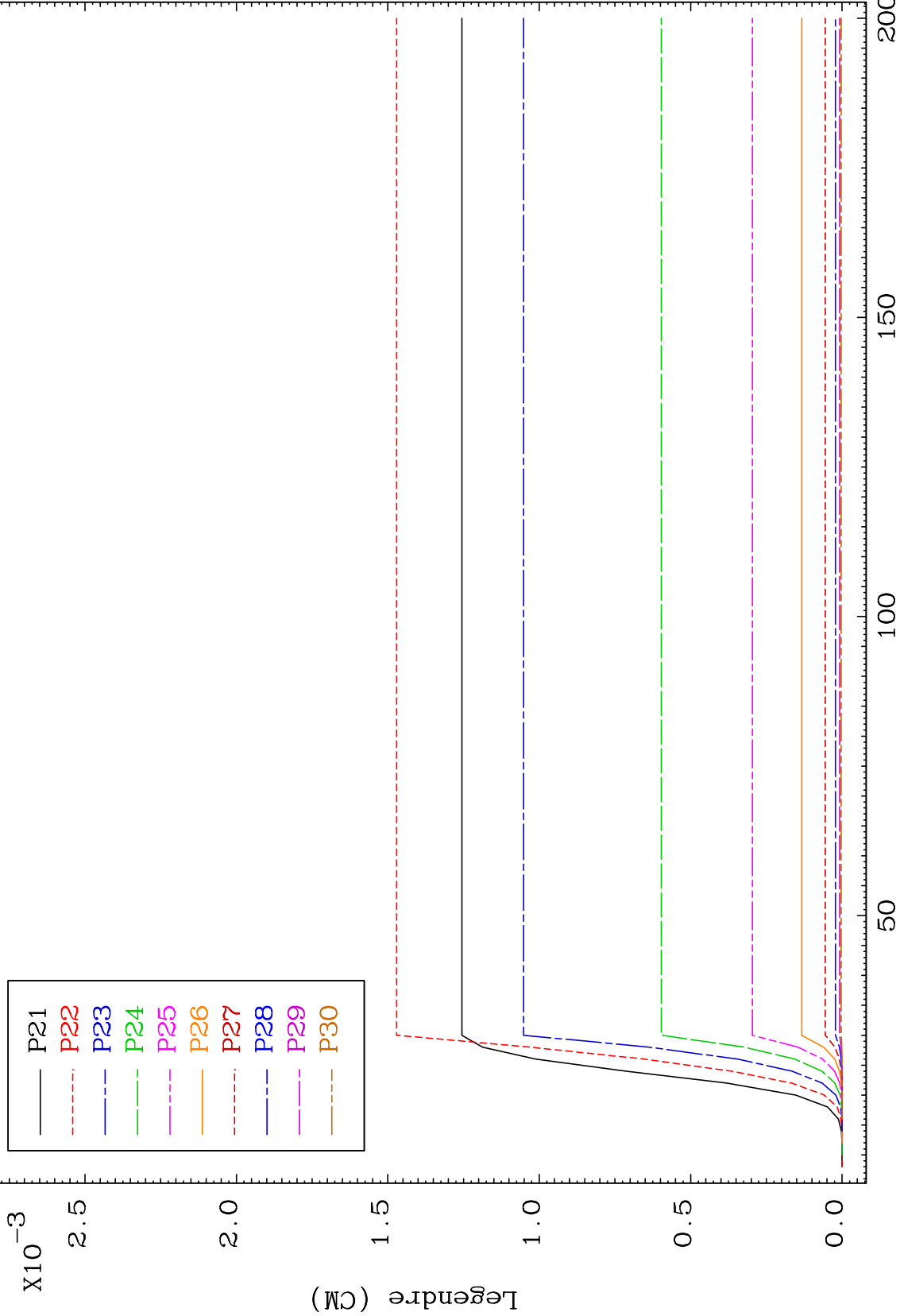
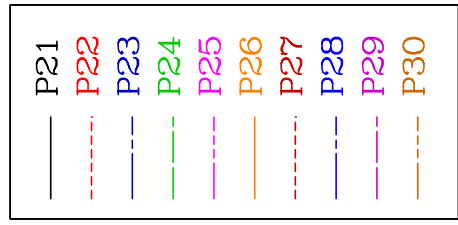
92

81-T1-200

MAT 81116

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

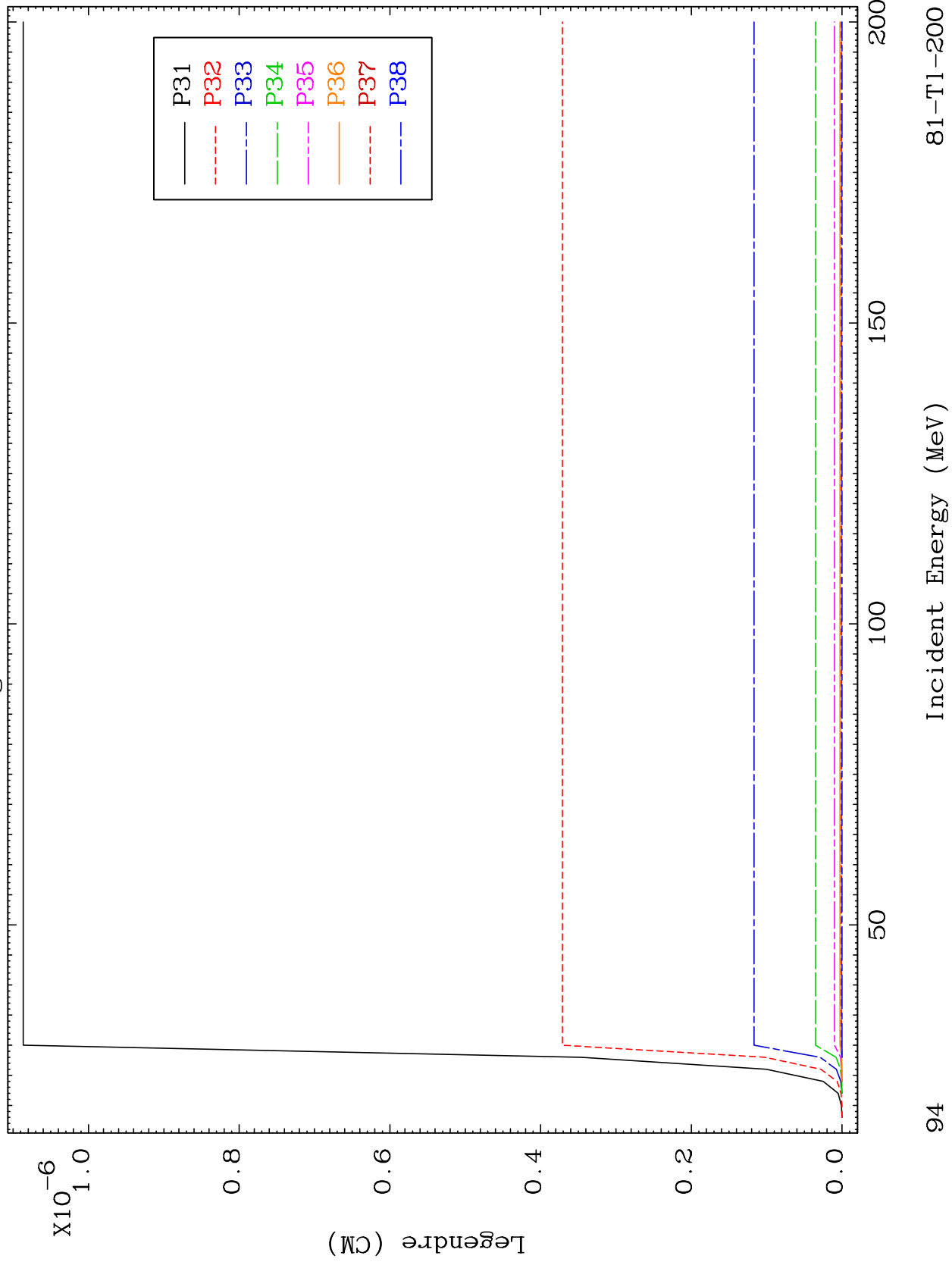
81-T1-200



MAT 81116

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

81-T1-200

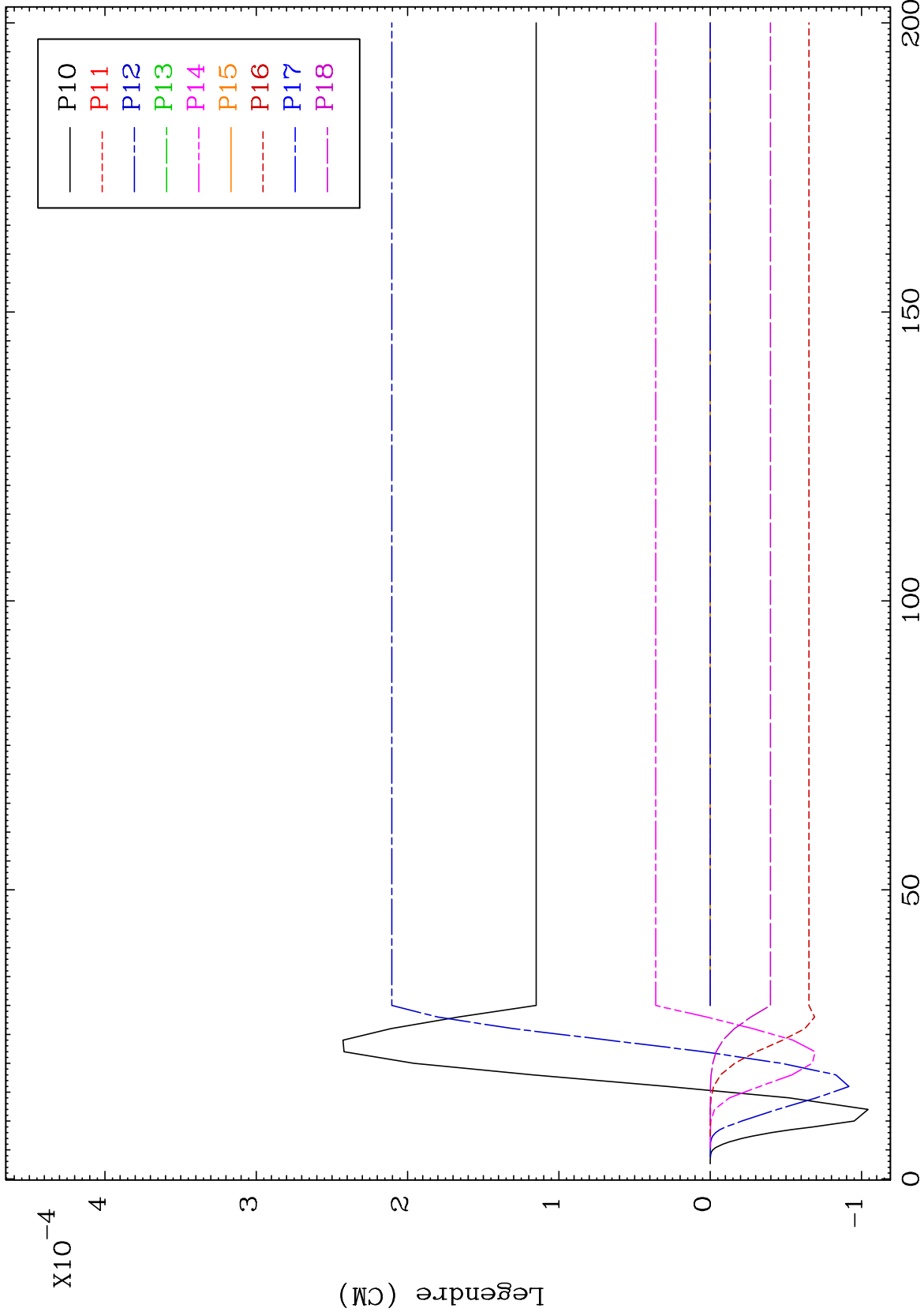




MAT 81116

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

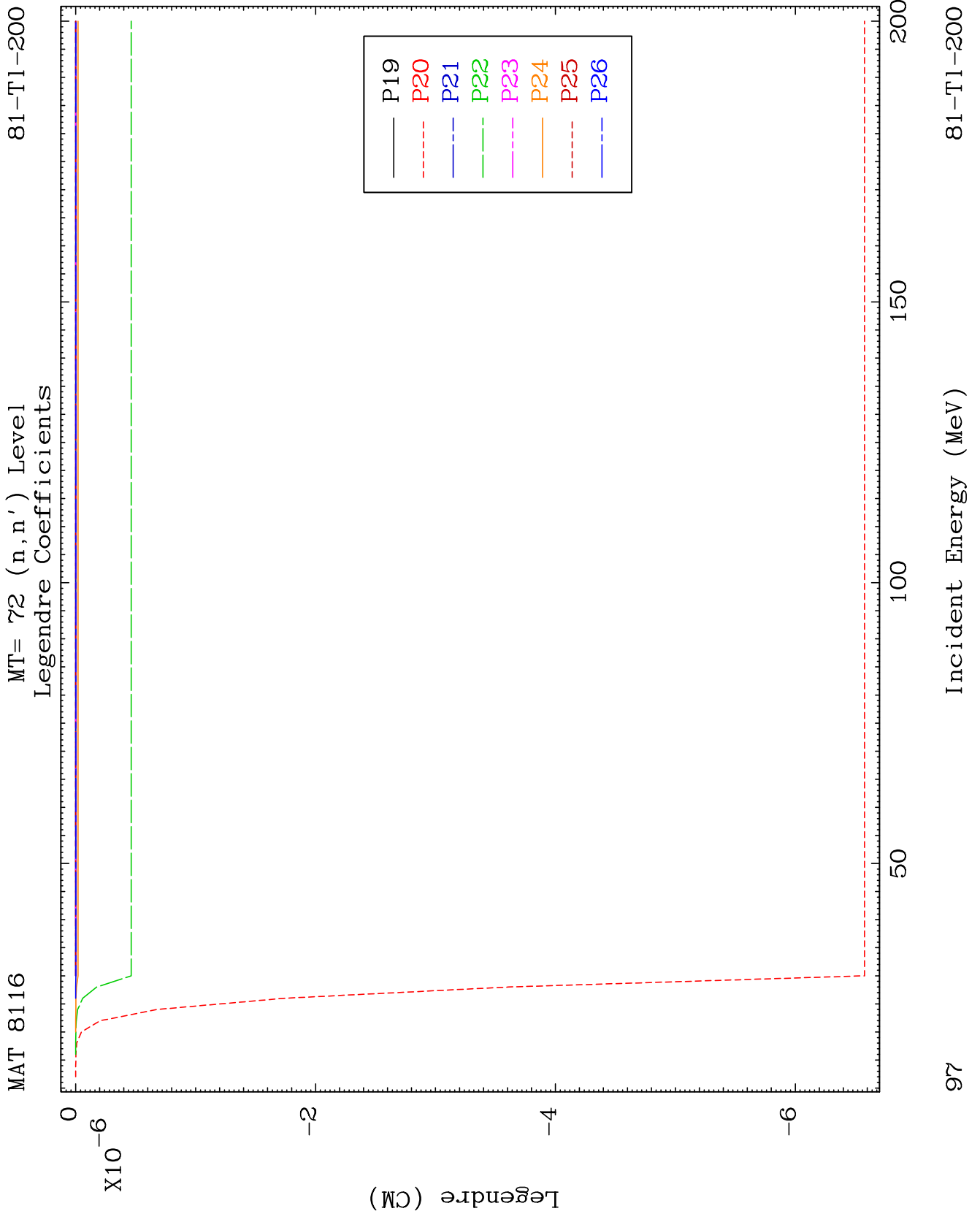
81-T1-200



96

Incident Energy (MeV)

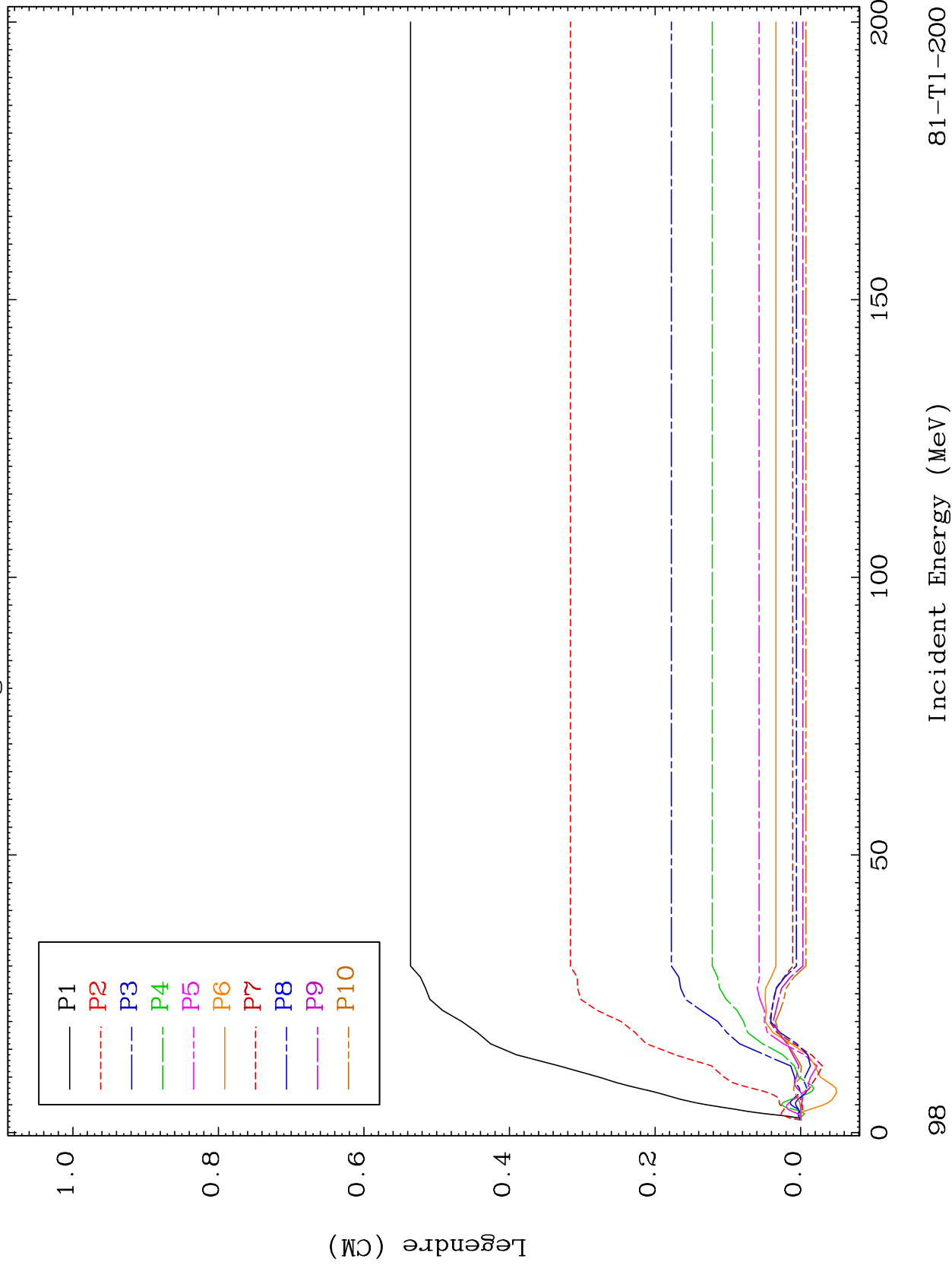
81-T1-200



MAT 81116

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

81-T1-200



98

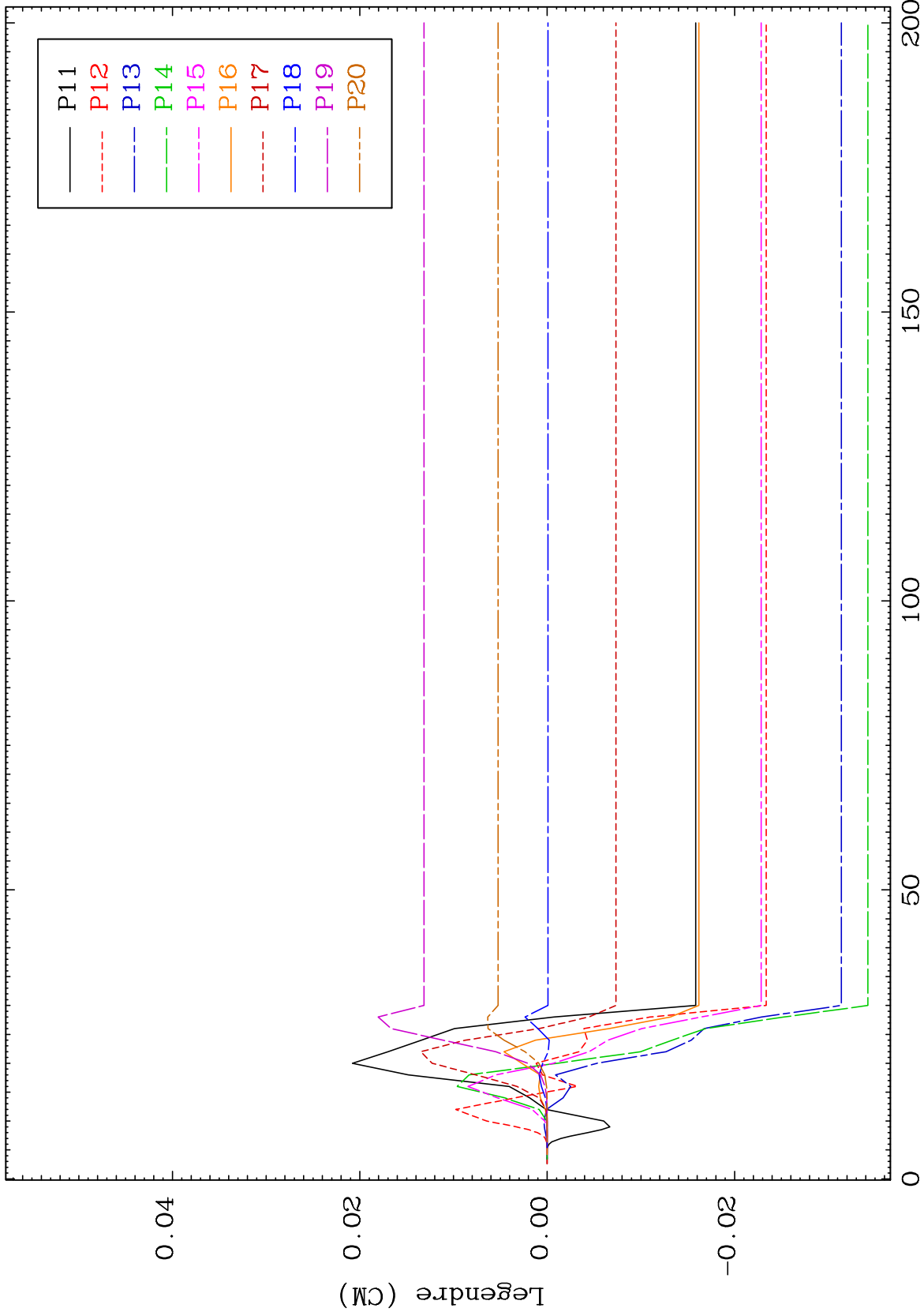
Incident Energy (MeV)

81-T1-200

MAT 81116

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

81-T1-200



99

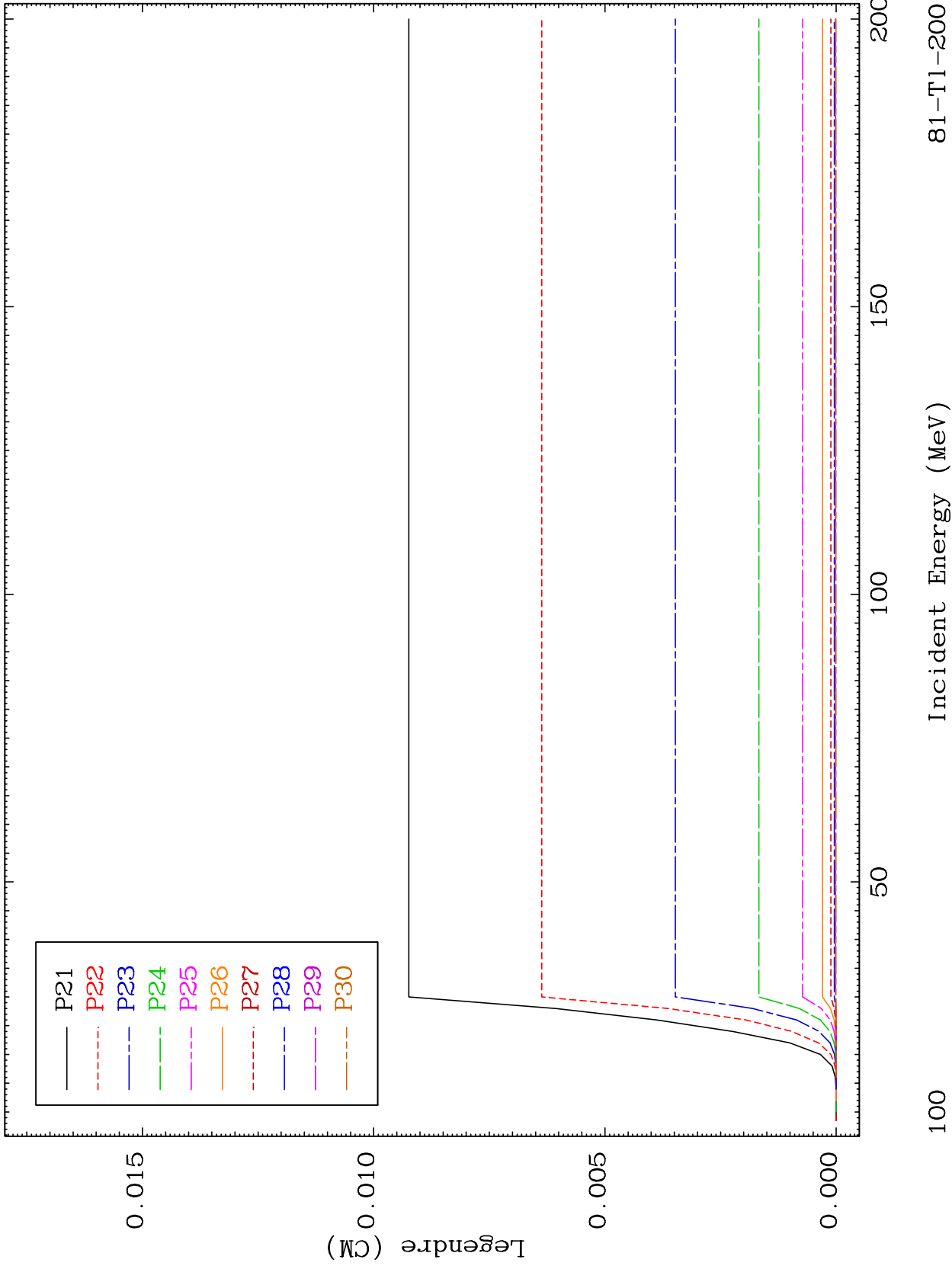
Incident Energy (MeV)

81-T1-200

MAT 81116

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

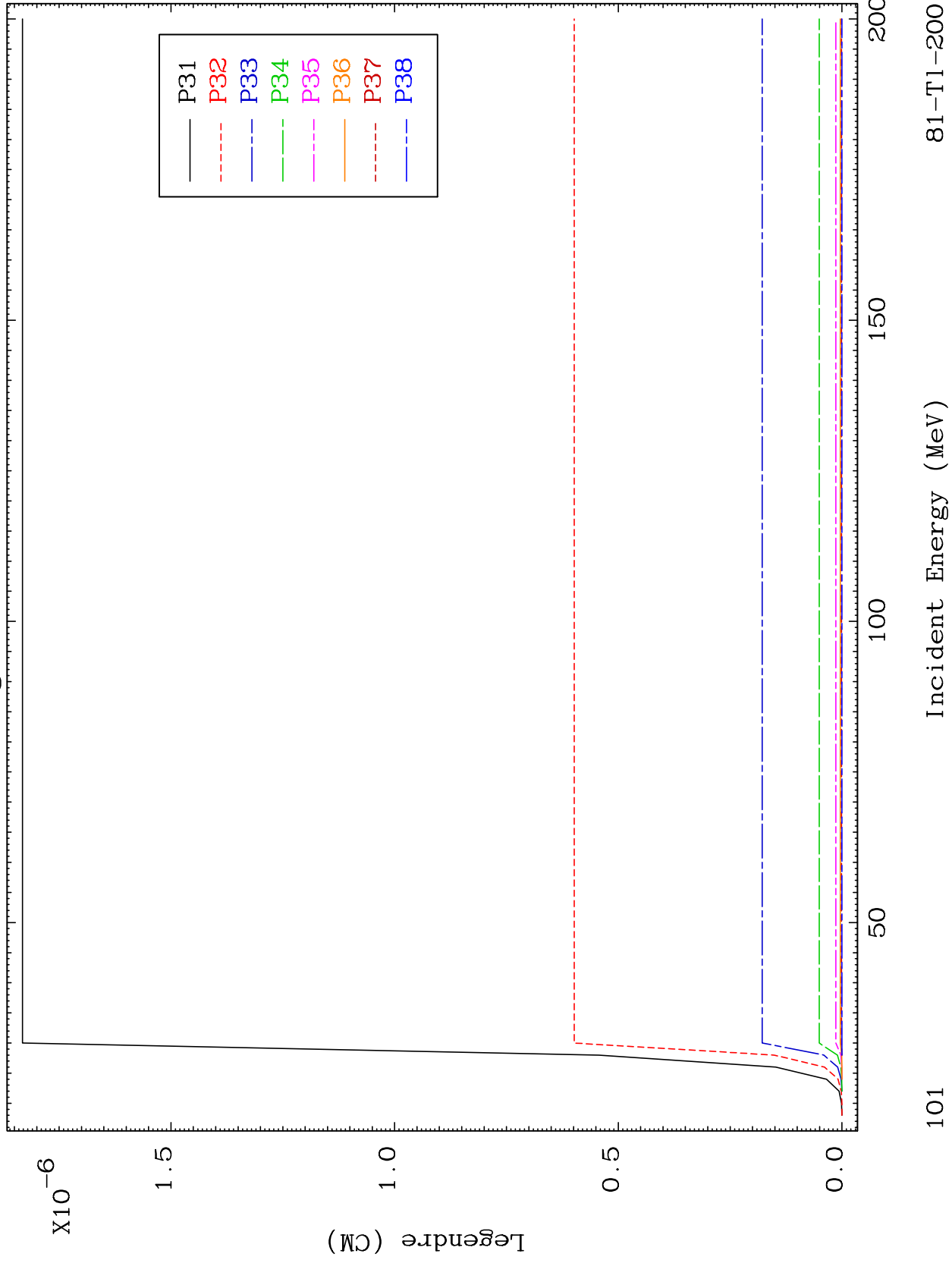
81-T1-200



MAT 81116

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

81-T1-200

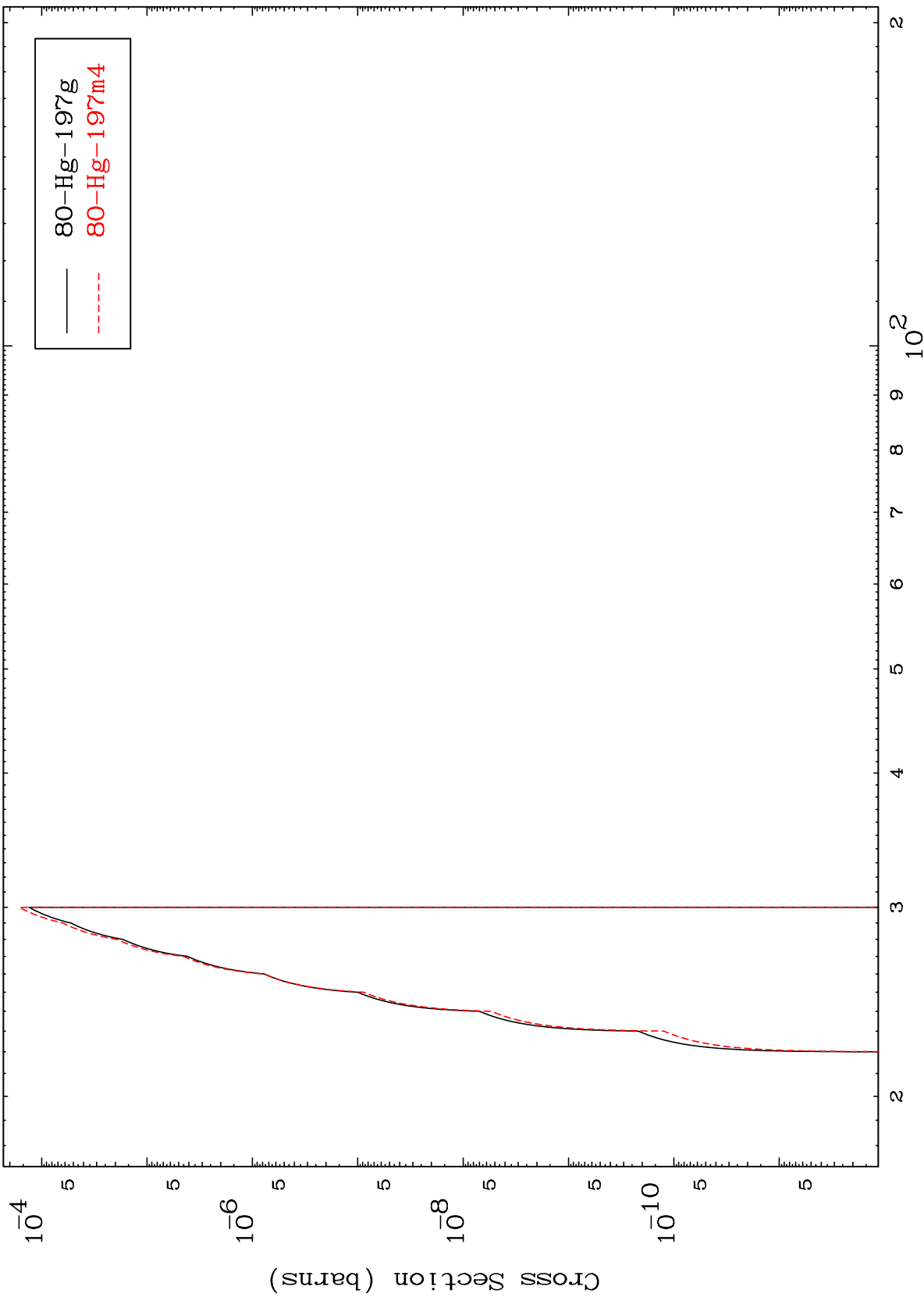


MAT 81116

(n,2n) d

81-Tl-200

Radionuclide Production Cross Section



102

Incident Energy (MeV)

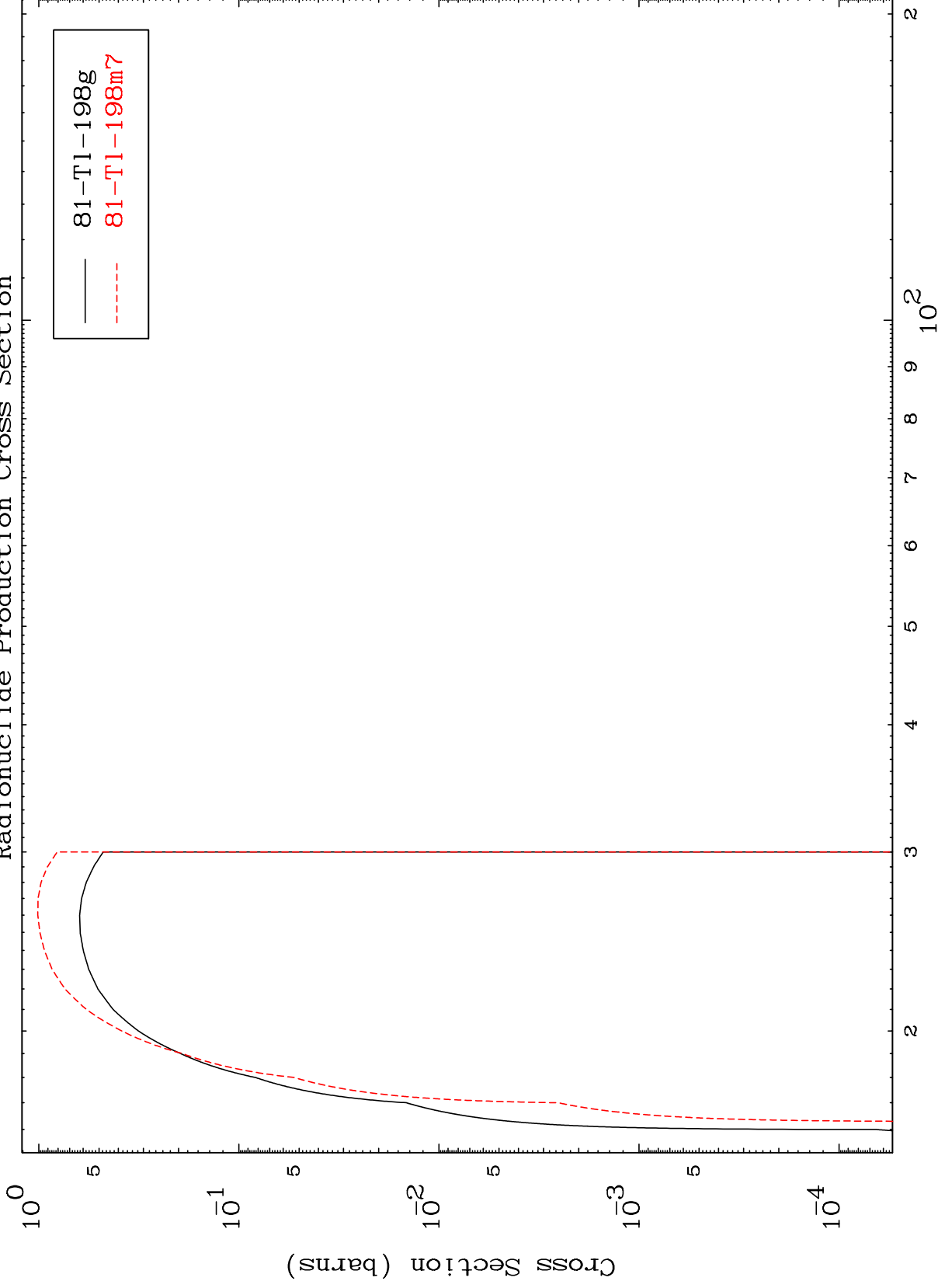
81-Tl-200

MAT 81116

(n,3n)

81-Tl-200

Radionuclide Production Cross Section



103

Incident Energy (MeV)

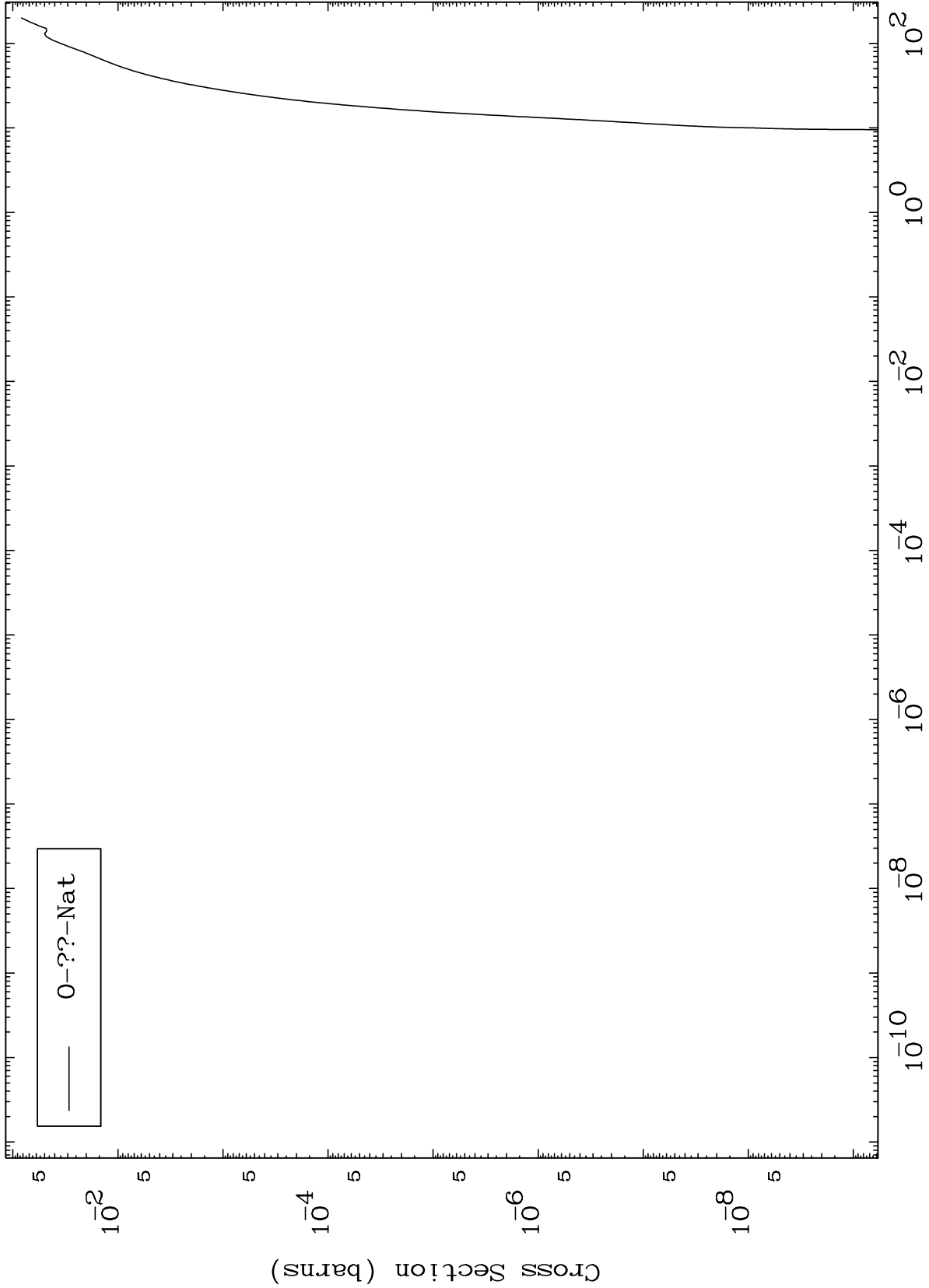
81-Tl-200

MAT 81116

Fission

81-Tl-200

Radionuclide Production Cross Section



104

Incident Energy (MeV)

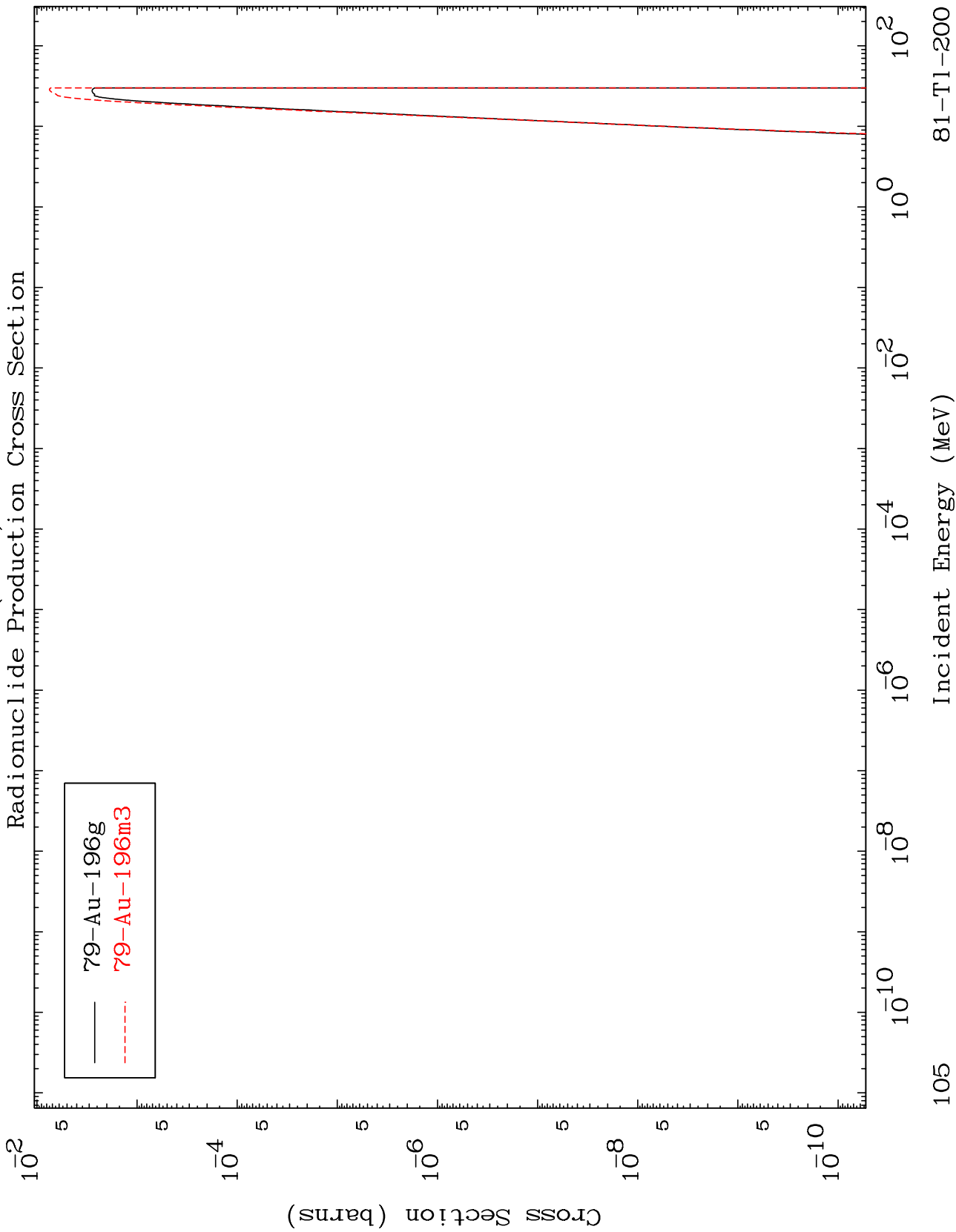
81-Tl-200

MAT 81116

(n,n')  $\alpha$

81-Tl-200

Radionuclide Production Cross Section

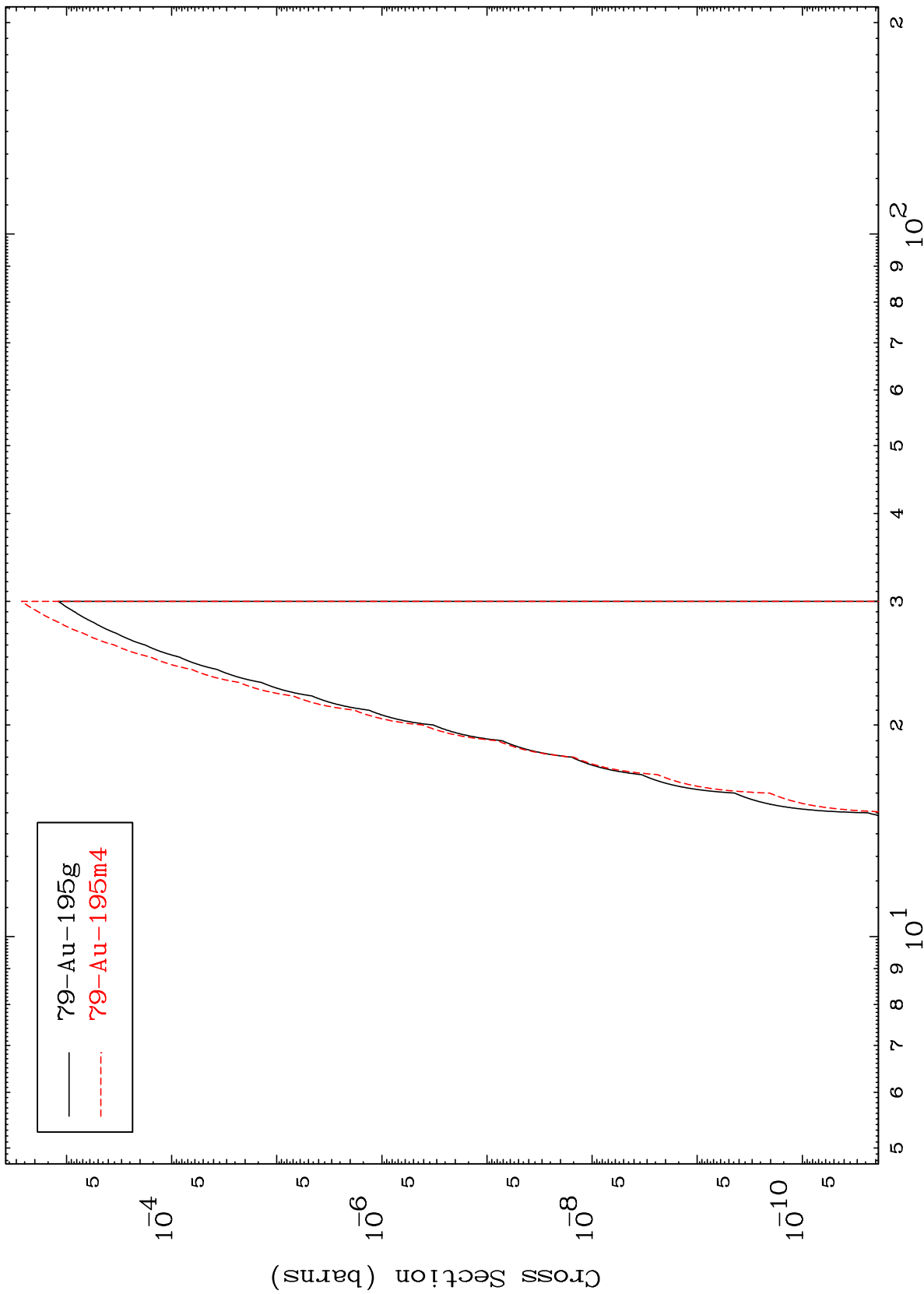


MAT 81116

81-Tl-200

(n,2n)  $\alpha$

Radionuclide Production Cross Section



106

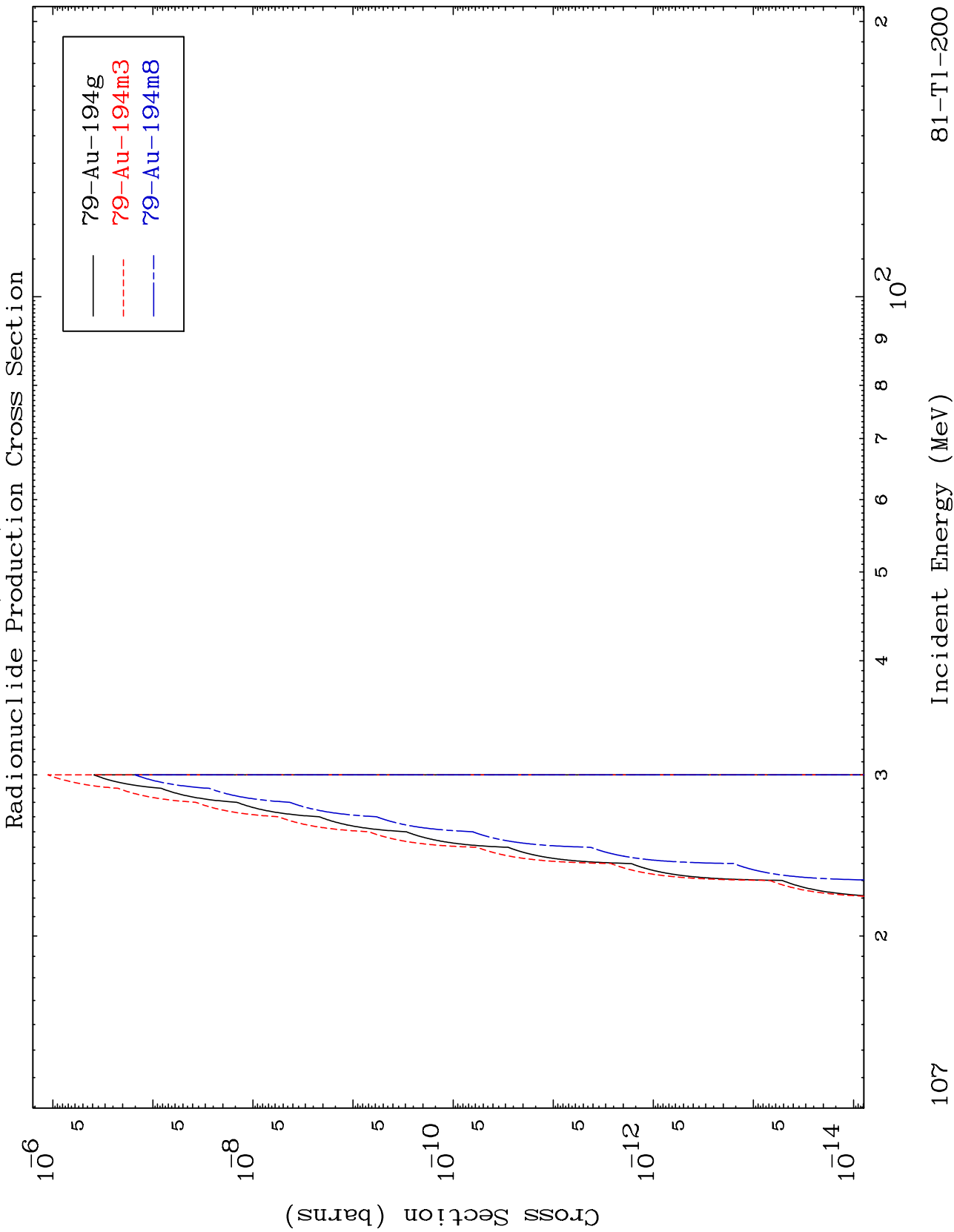
Incident Energy (MeV)

81-Tl-200

MAT 81116

(n,3n)  $\alpha$

81-Tl-200



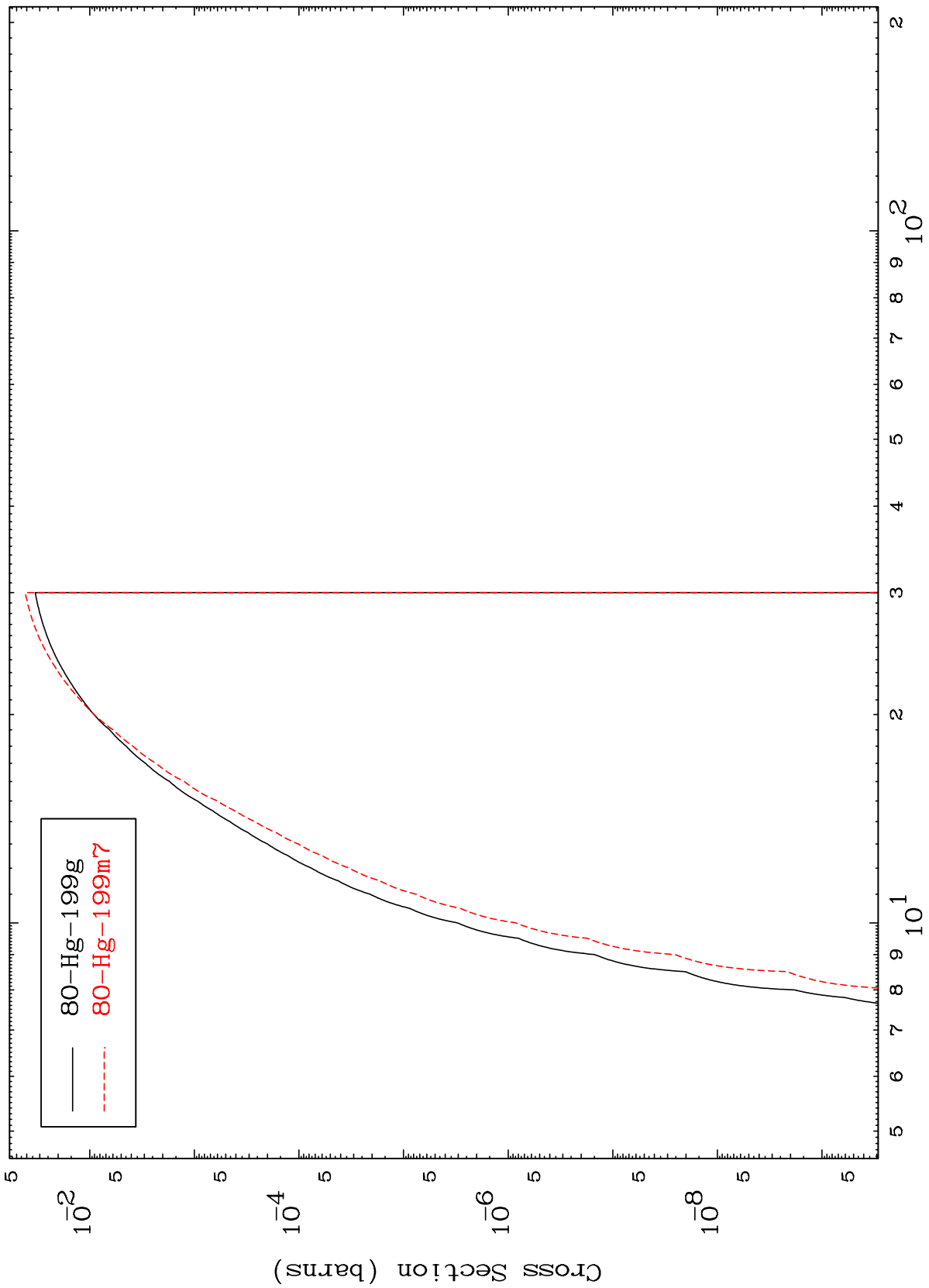
107

81-Tl-200

MAT 81116

81-T1-200

(n,n') p  
Radionuclide Production Cross Section

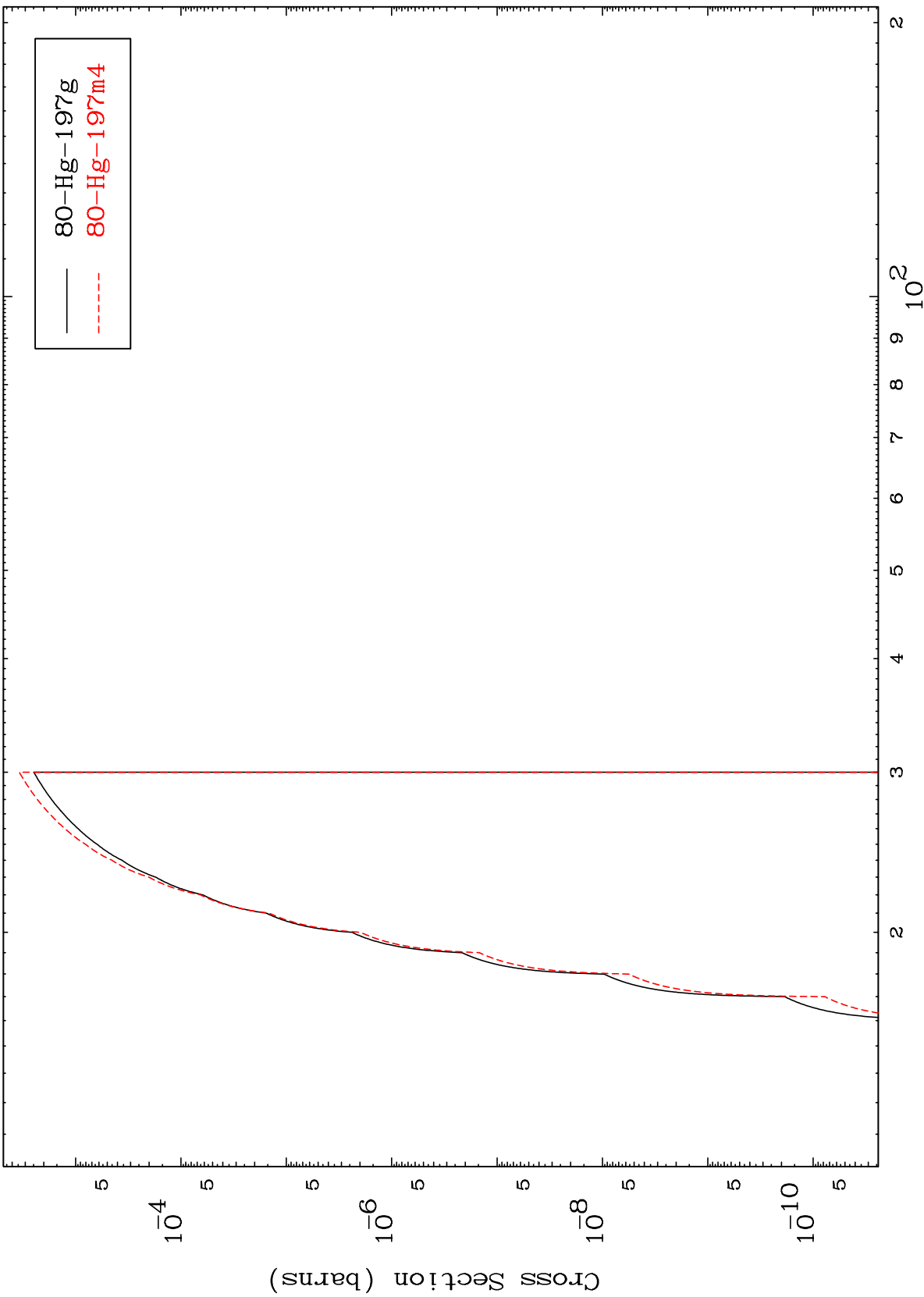


108

Incident Energy (MeV)

81-T1-200

Radionuclide Production Cross Section

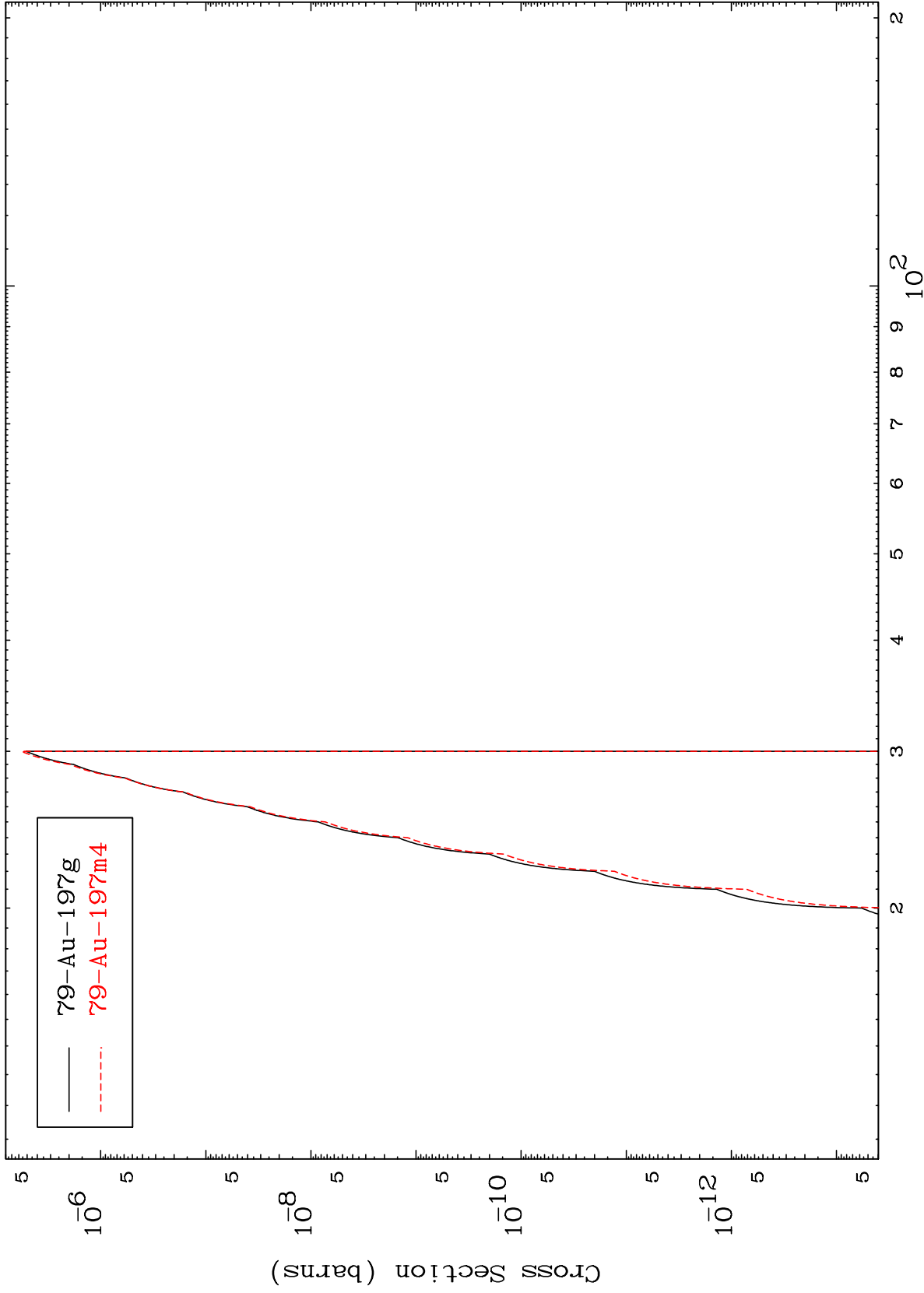


MAT 81116

(n,n') He-3

81-Tl-200

Radionuclide Production Cross Section



110

Incident Energy (MeV)

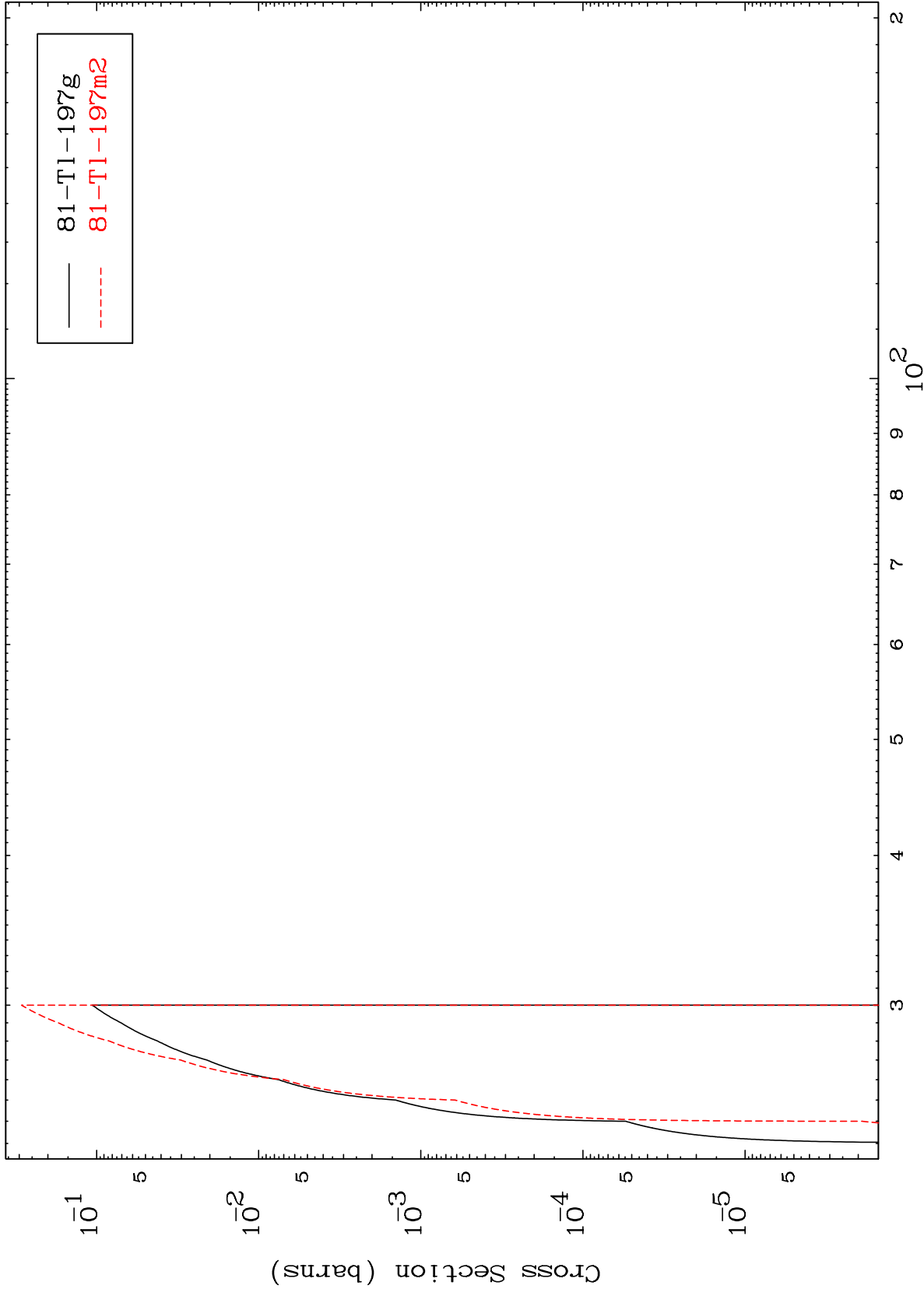
81-Tl-200

MAT 81116

(n,4n)

81-Tl-200

Radionuclide Production Cross Section



81-Tl-197g  
81-Tl-197m2

111

Incident Energy (MeV)

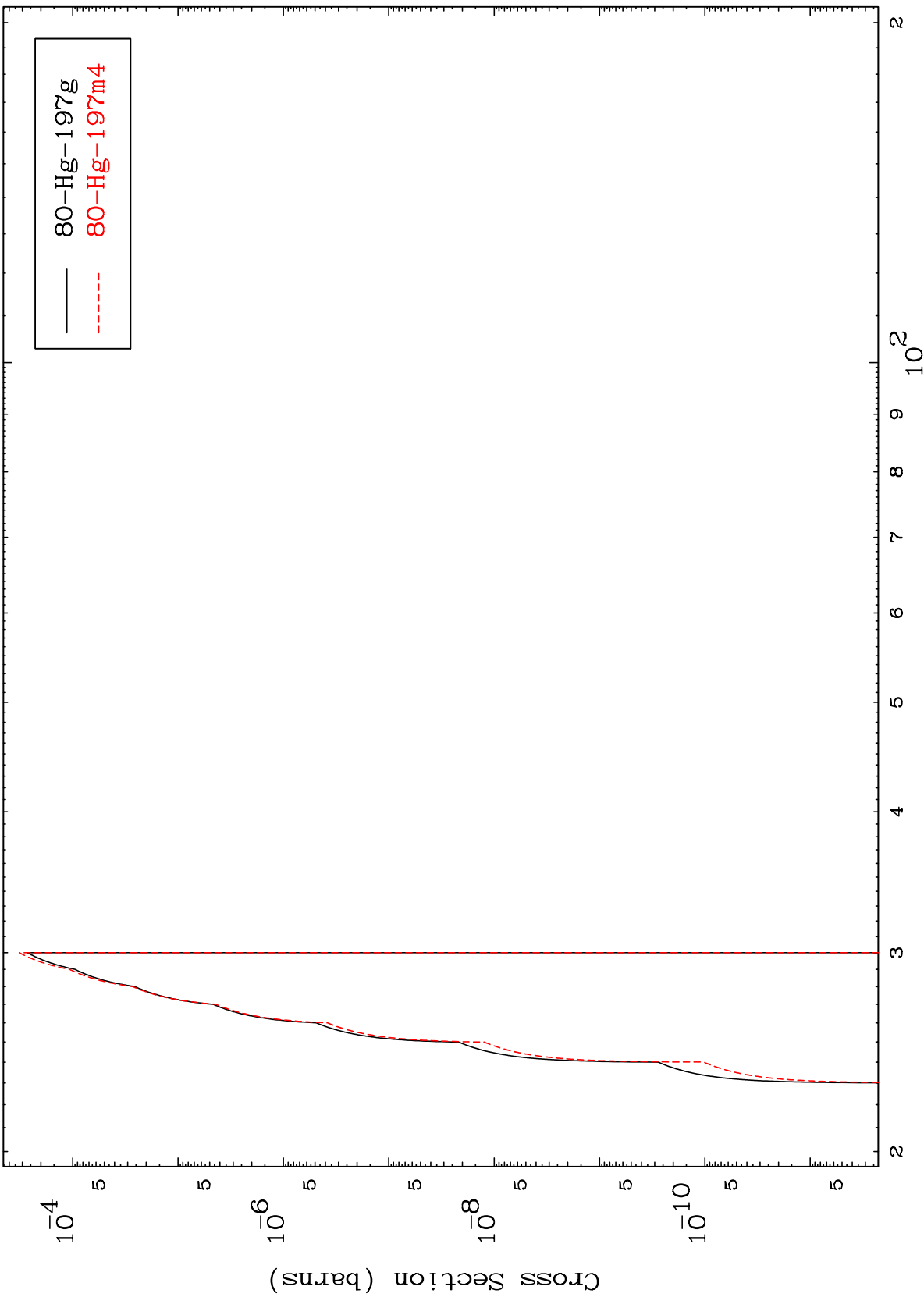
81-Tl-200

MAT 81116

(n,3n) p

81-Tl-200

Radionuclide Production Cross Section



112

Incident Energy (MeV)

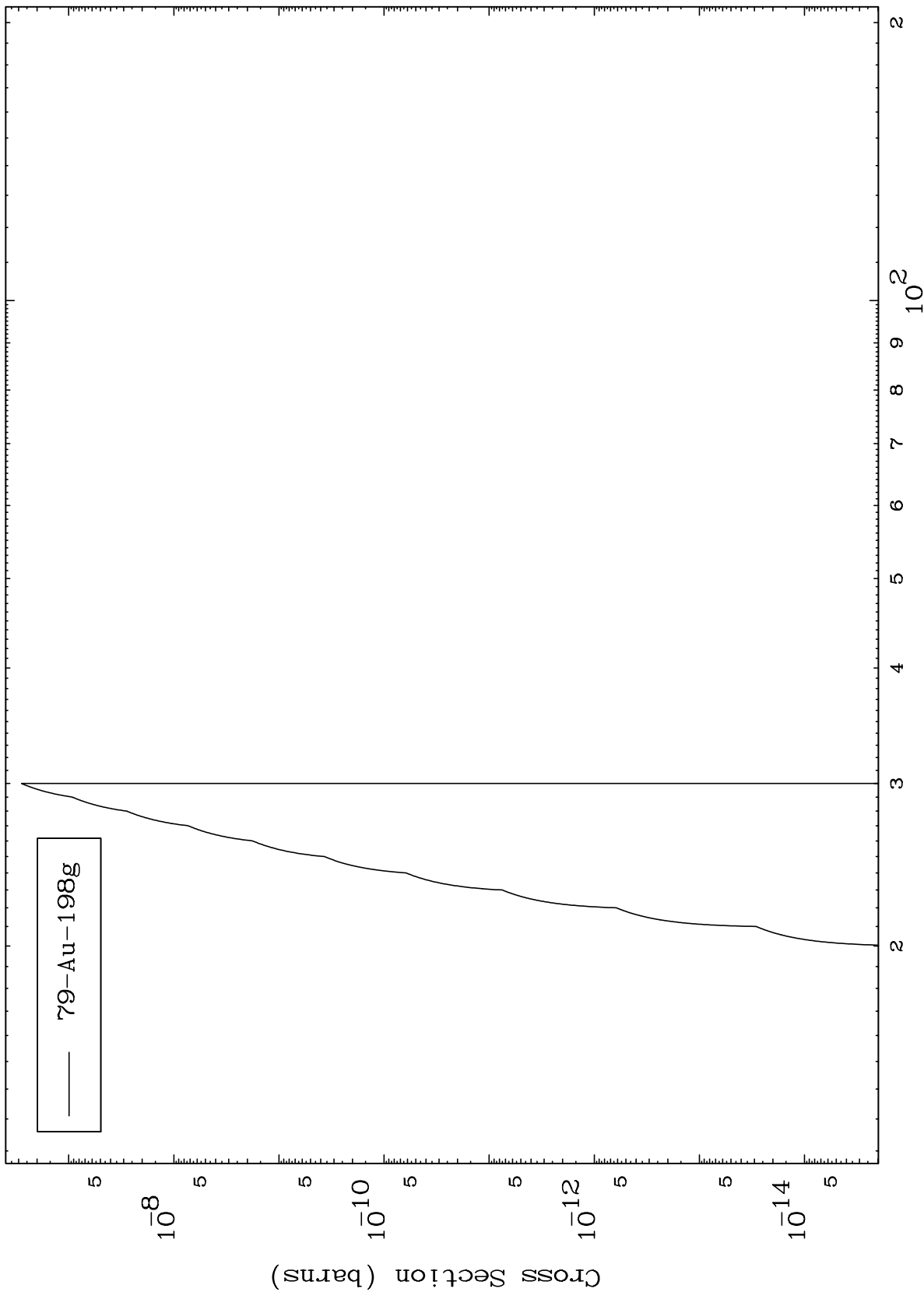
81-Tl-200

MAT 81116

(n,2n) p

81-Tl-200

Radionuclide Production Cross Section



113

Incident Energy (MeV)

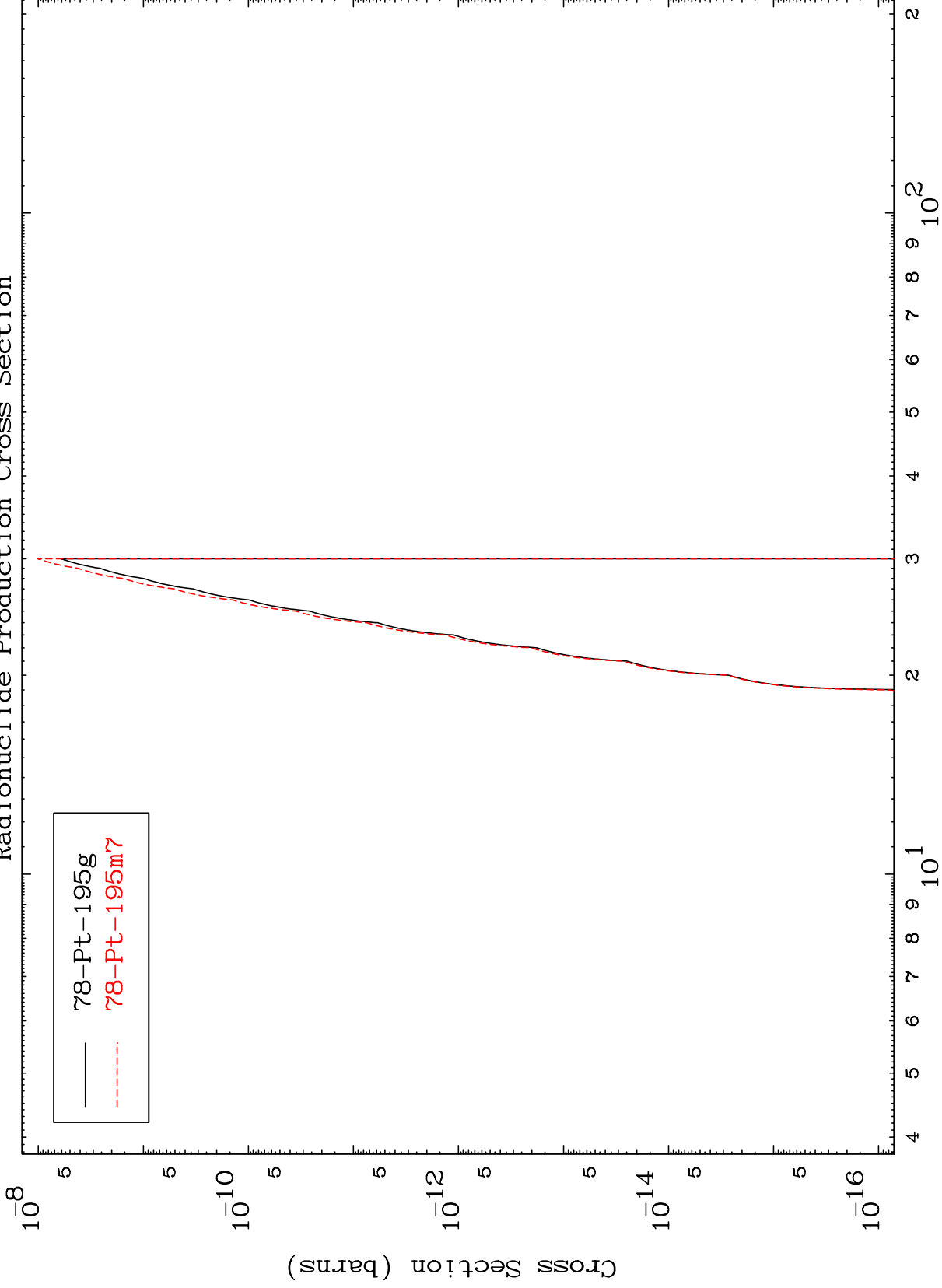
81-Tl-200

MAT 81116

(n,n') p  $\alpha$

81-Tl-200

Radionuclide Production Cross Section



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

114

Incident Energy (MeV)

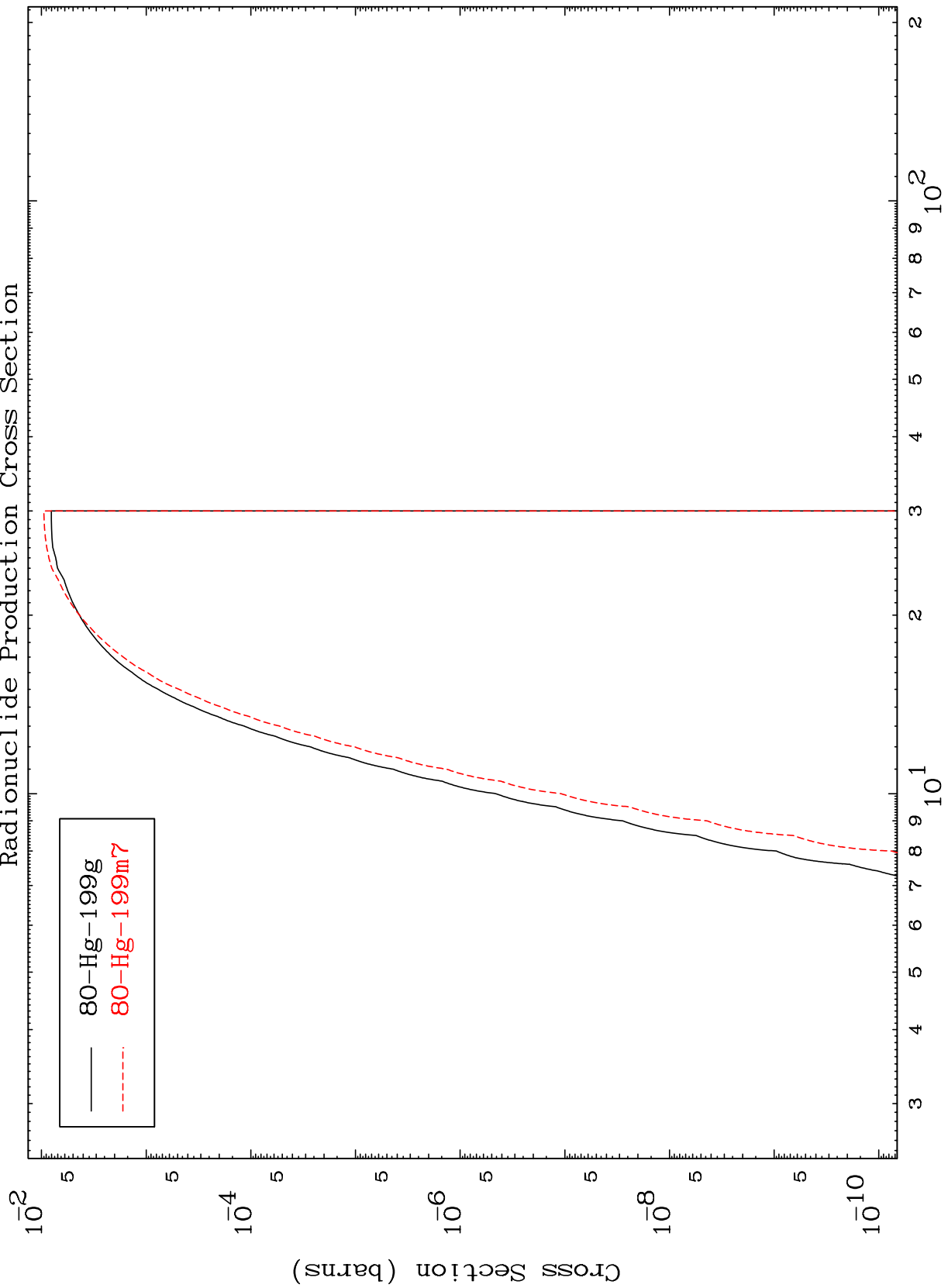
81-Tl-200

MAT 81116

(n,d)

81-Tl-200

Radionuclide Production Cross Section

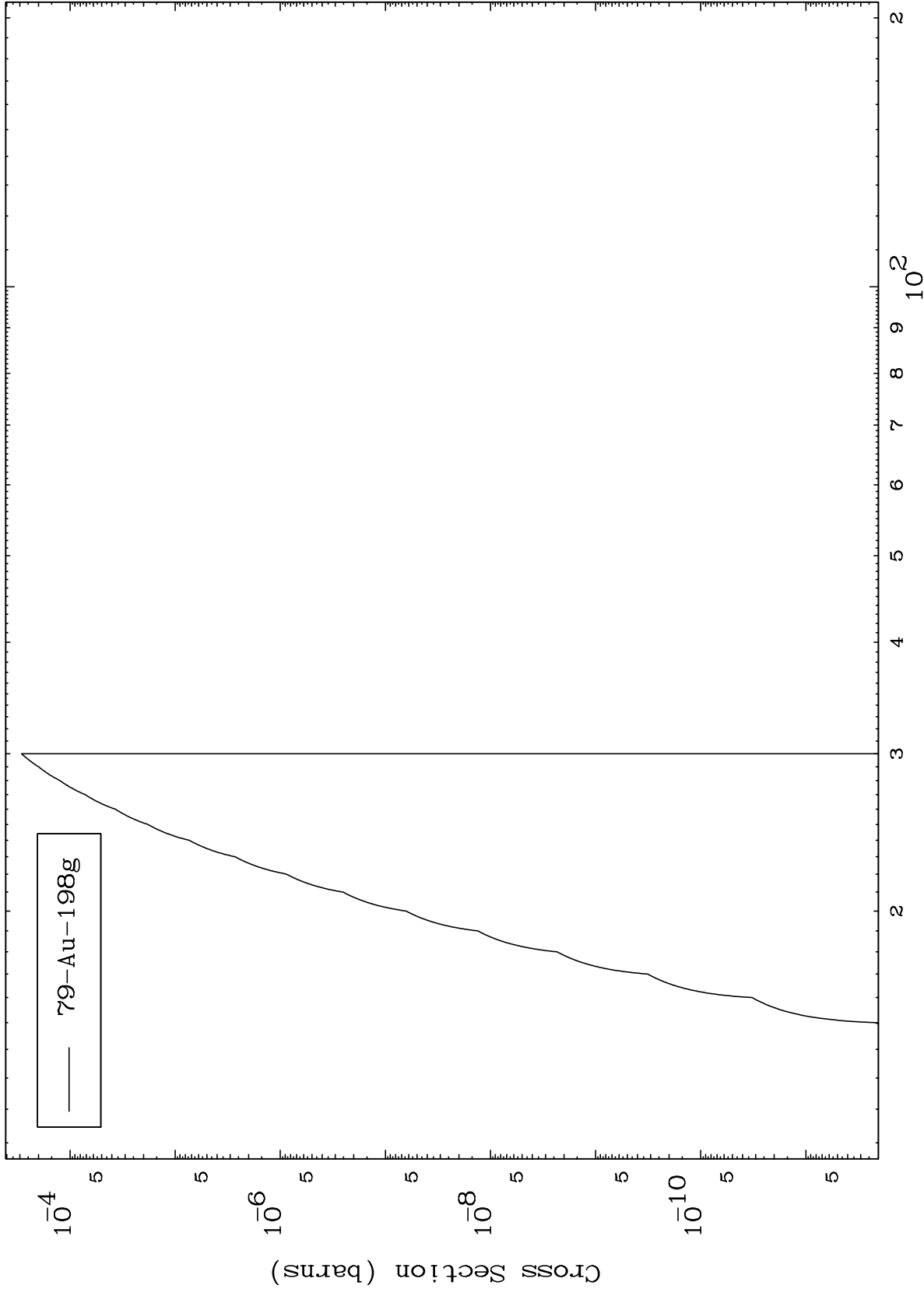


115

Incident Energy (MeV)

81-Tl-200

Radionuclide Production Cross Section



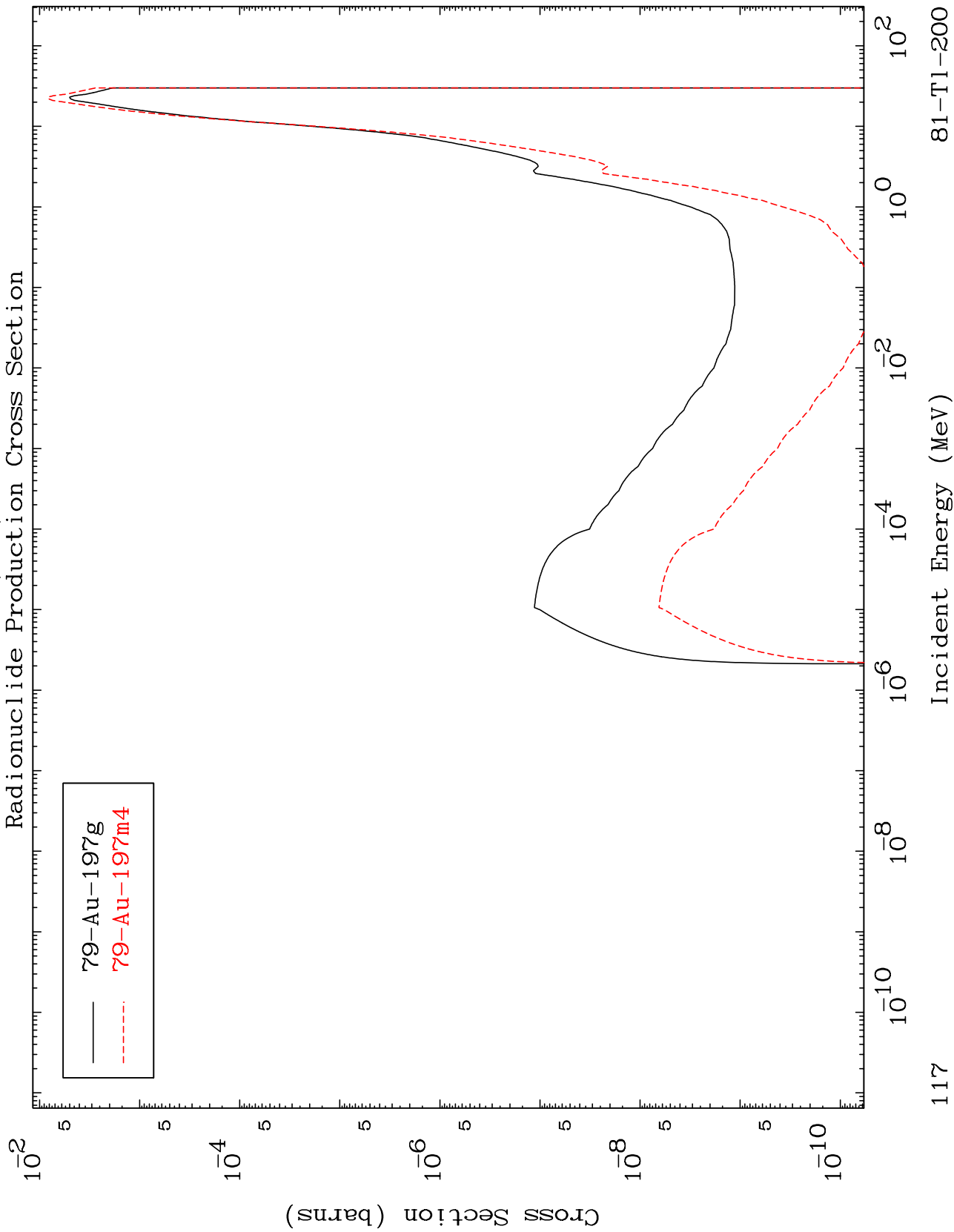
79-Au-198g

MAT 8116

(n,  $\alpha$ )

81-Tl-200

Radionuclide Production Cross Section



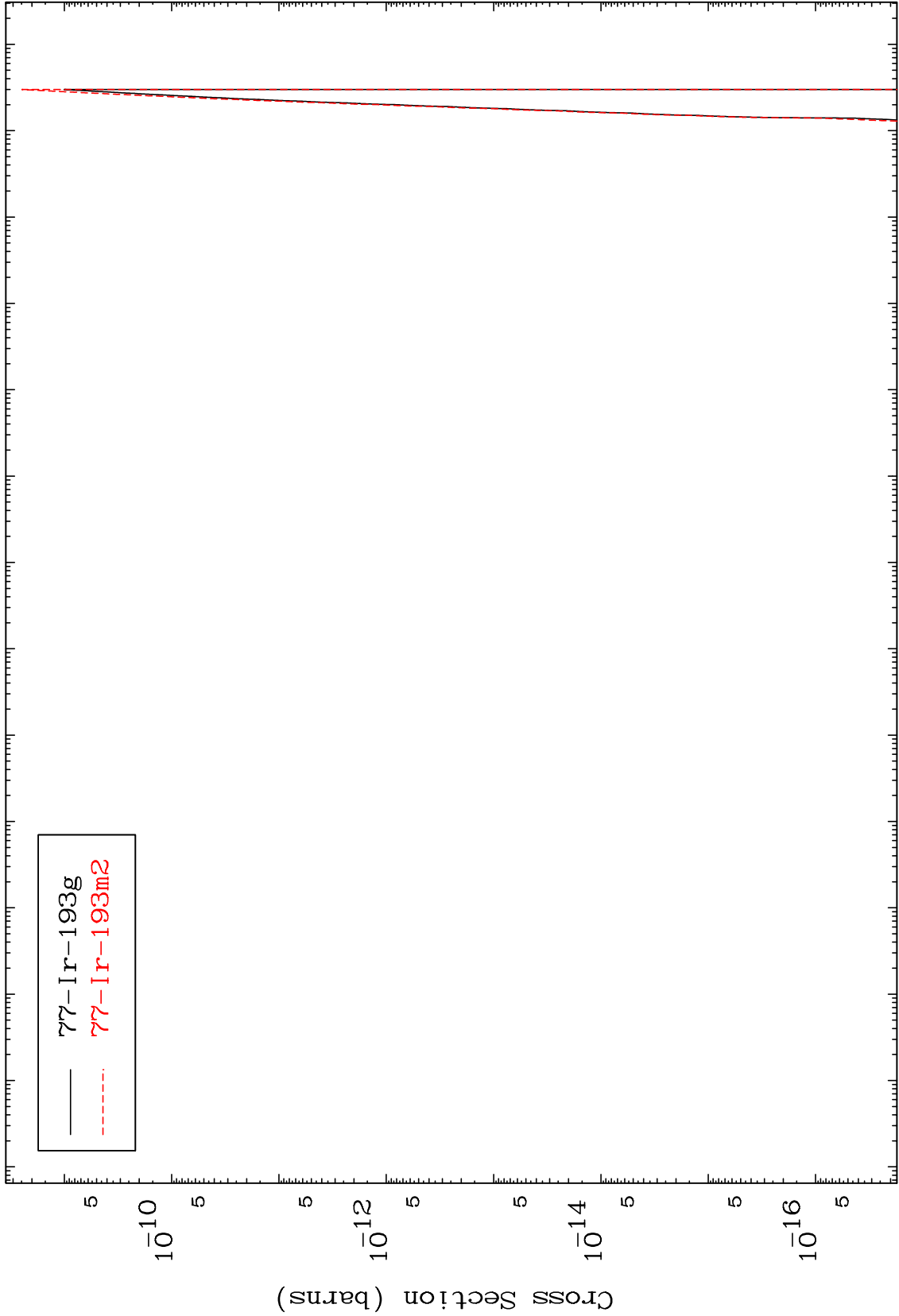
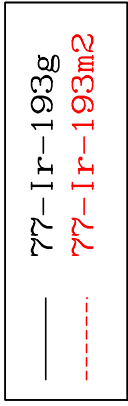
117

MAT 81116

(n,2α)

81-Tl-200

Radionuclide Production Cross Section



Cross Section (barns)

Incident Energy (MeV)

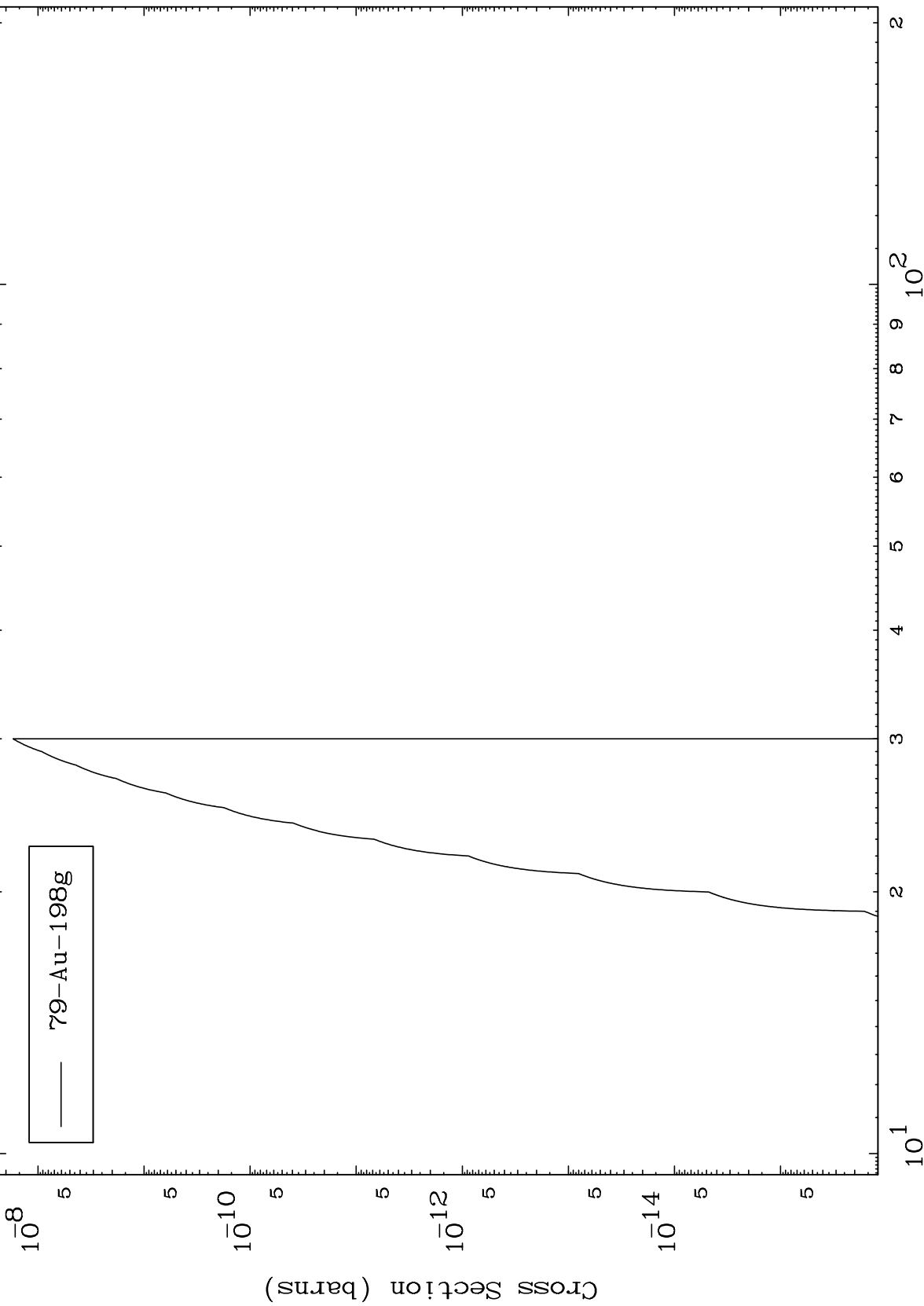
81-Tl-200

MAT 81116

(n,p) d

81-Tl-200

Radionuclide Production Cross Section



119

Incident Energy (MeV)

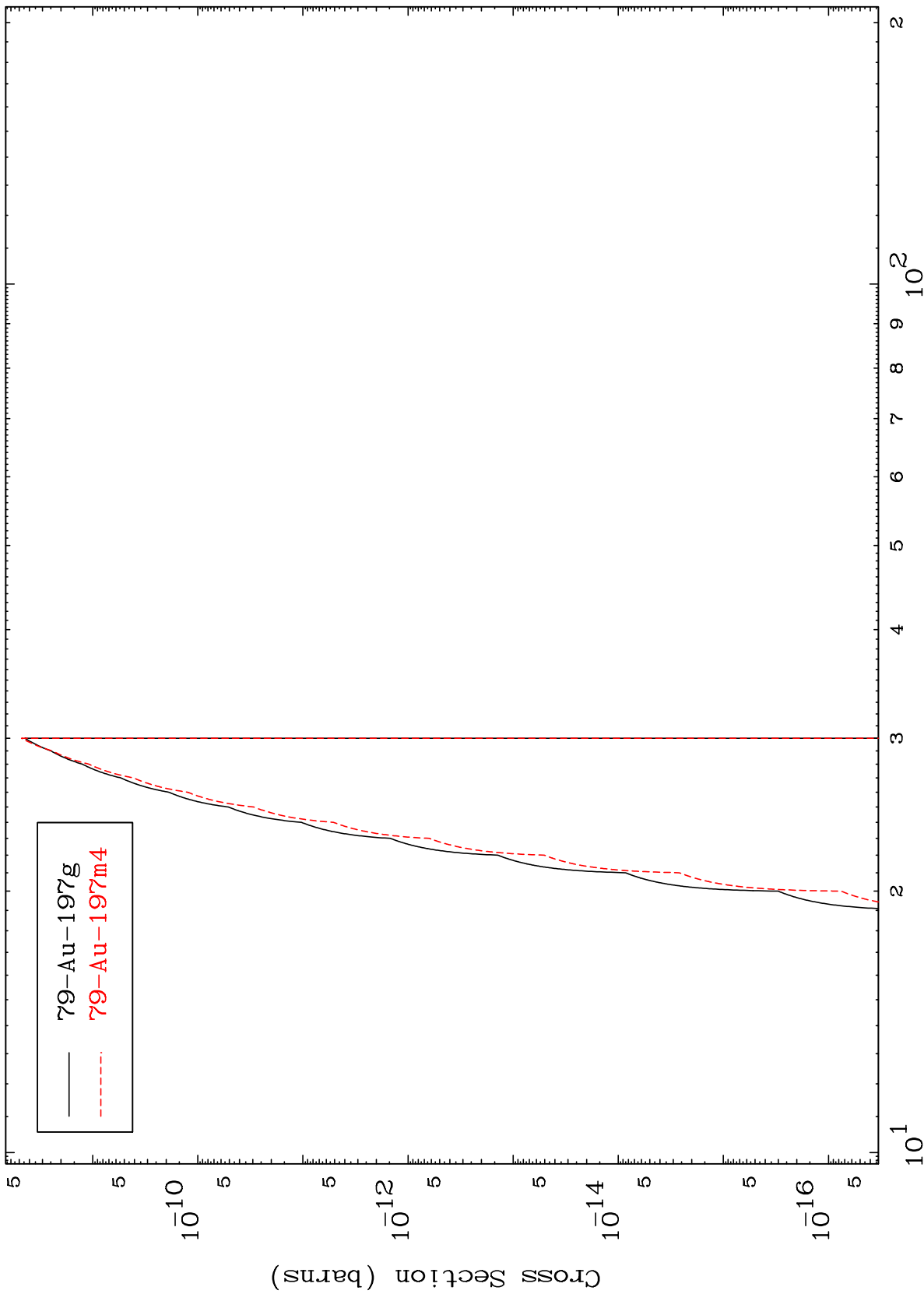
81-Tl-200

MAT 81116

(n,p) t

81-Tl-200

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-200