

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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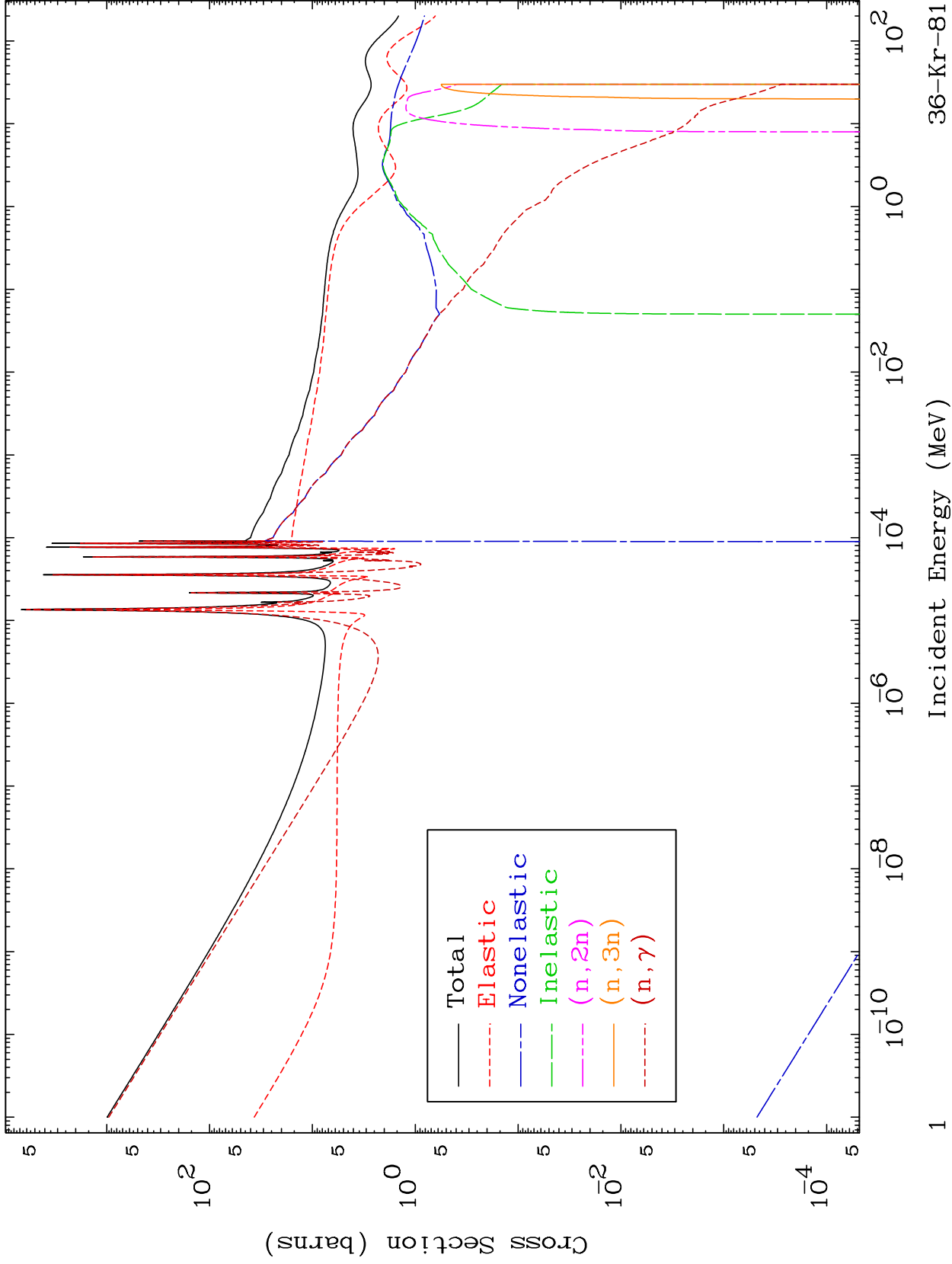
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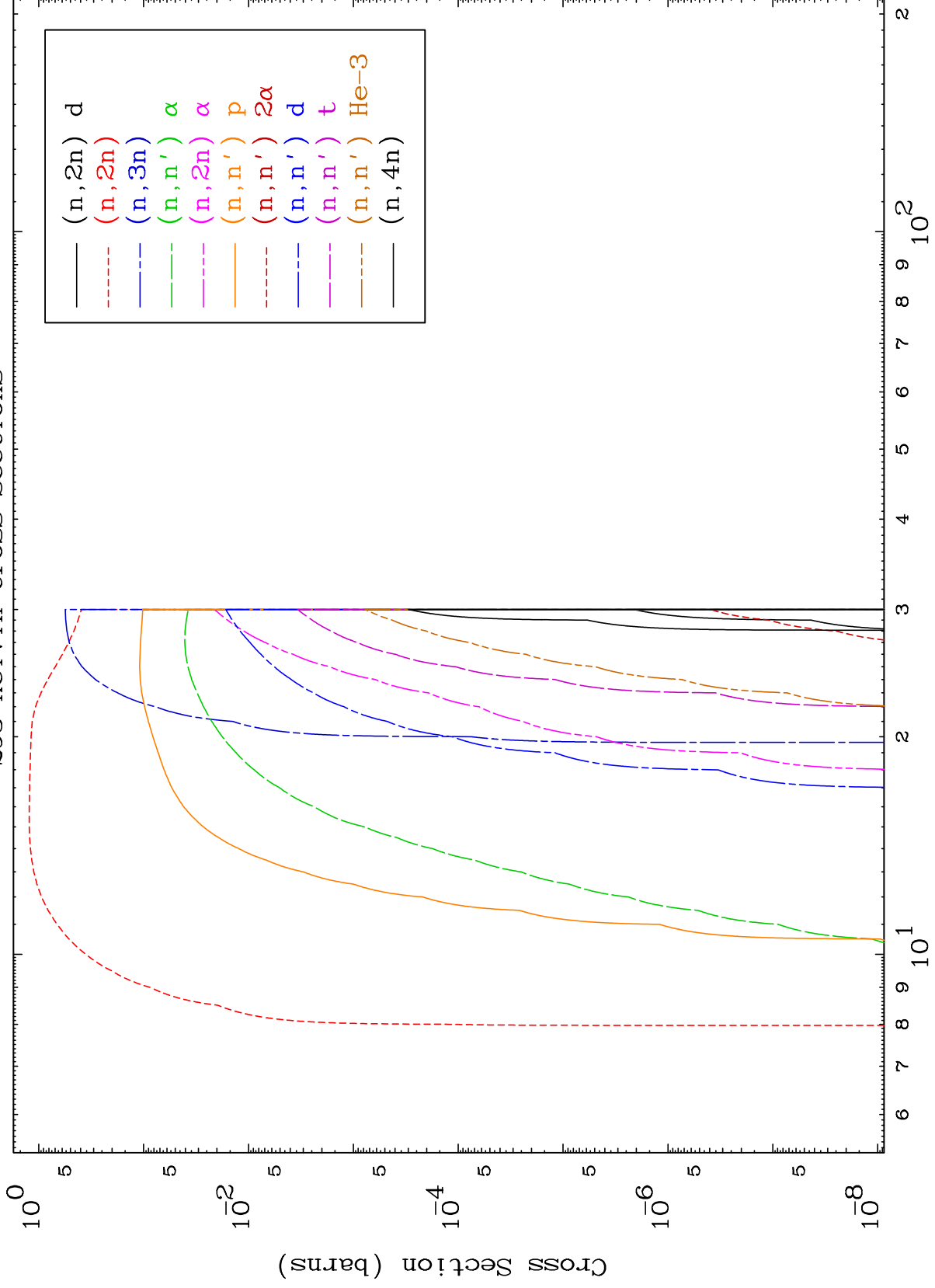
Press Mouse Button to Start

MAT 3634

Neutron Major  
293 Kelvin Cross Sections

36-Kr-81

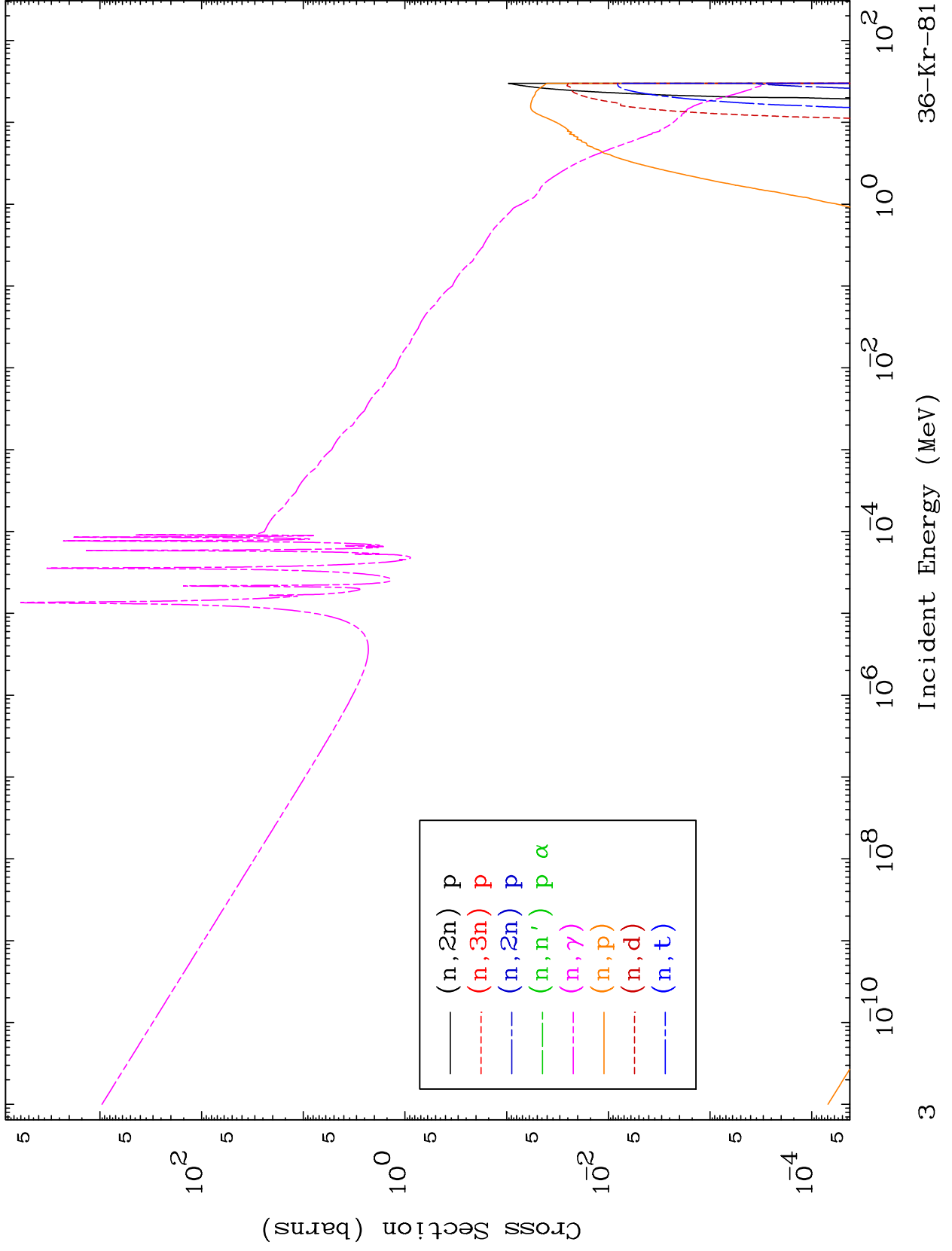




MAT 3634

Neutron Absorption  
293 Kelvin Cross Sections

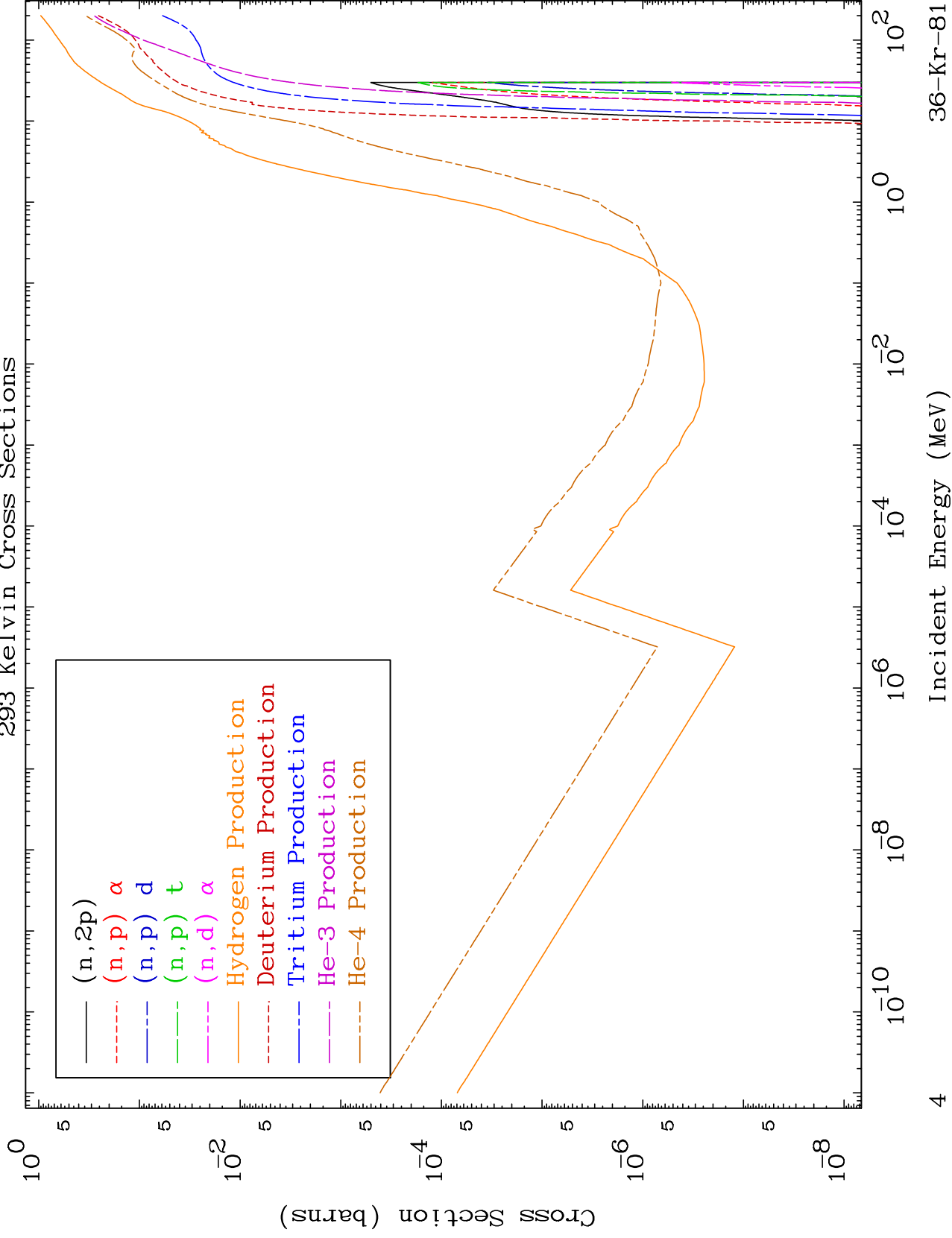
36-Kr-81



MAT 3634

Neutron Absorption  
293 Kelvin Cross Sections

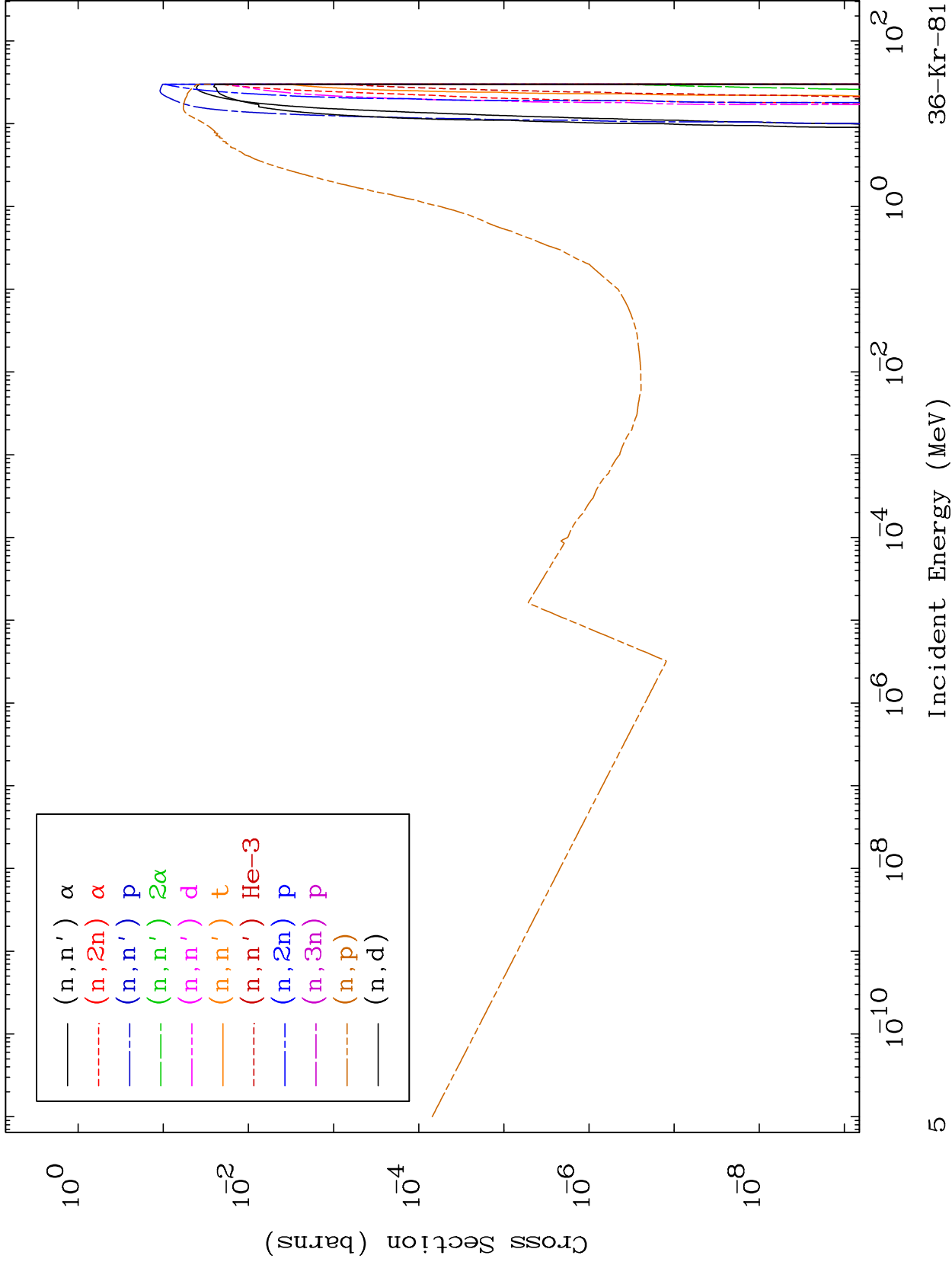
36-Kr-81



MAT 3634

Charged Particle  
293 Kelvin Cross Sections

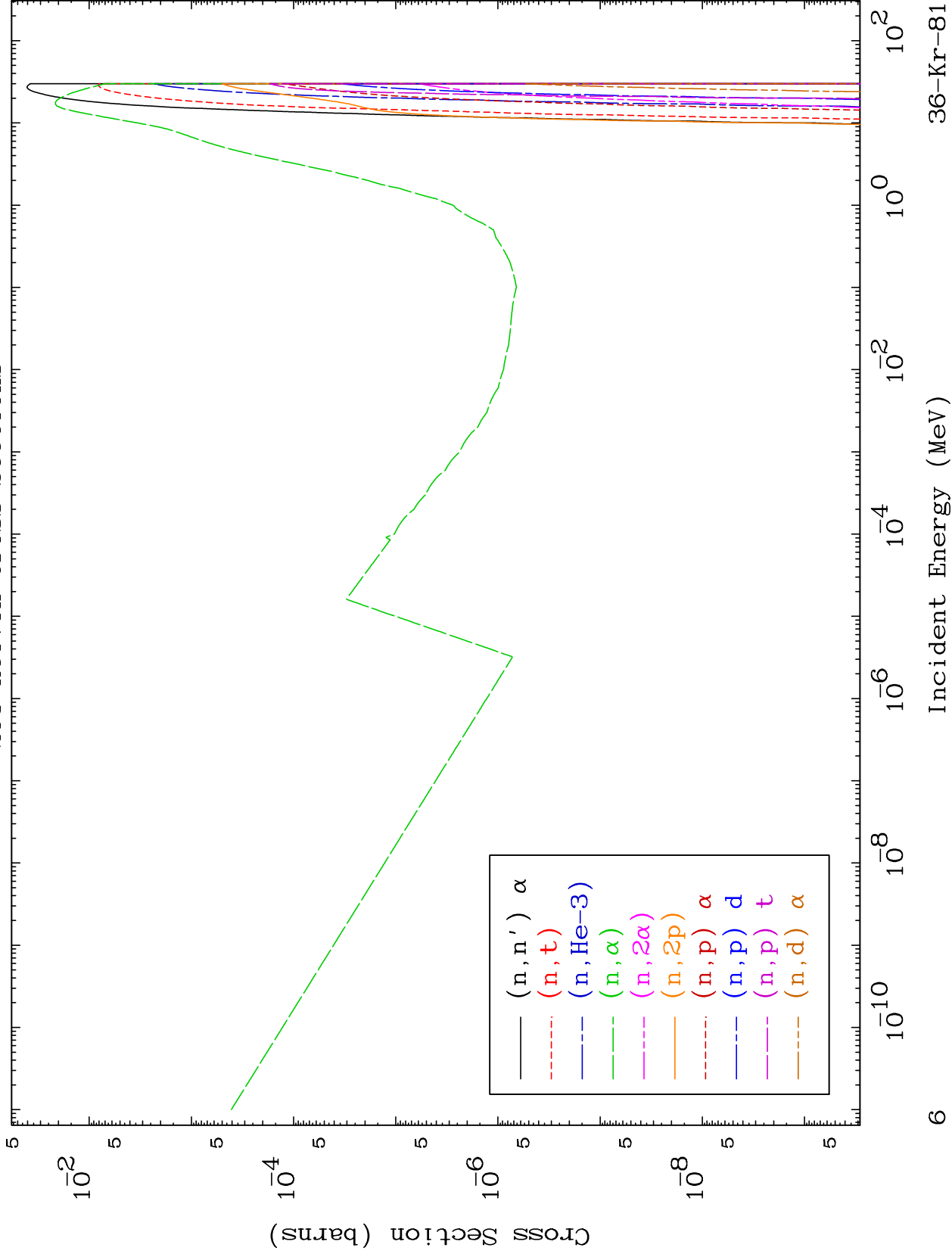
36-Kr-81



MAT 3634

Charged Particle  
293 Kelvin Cross Sections

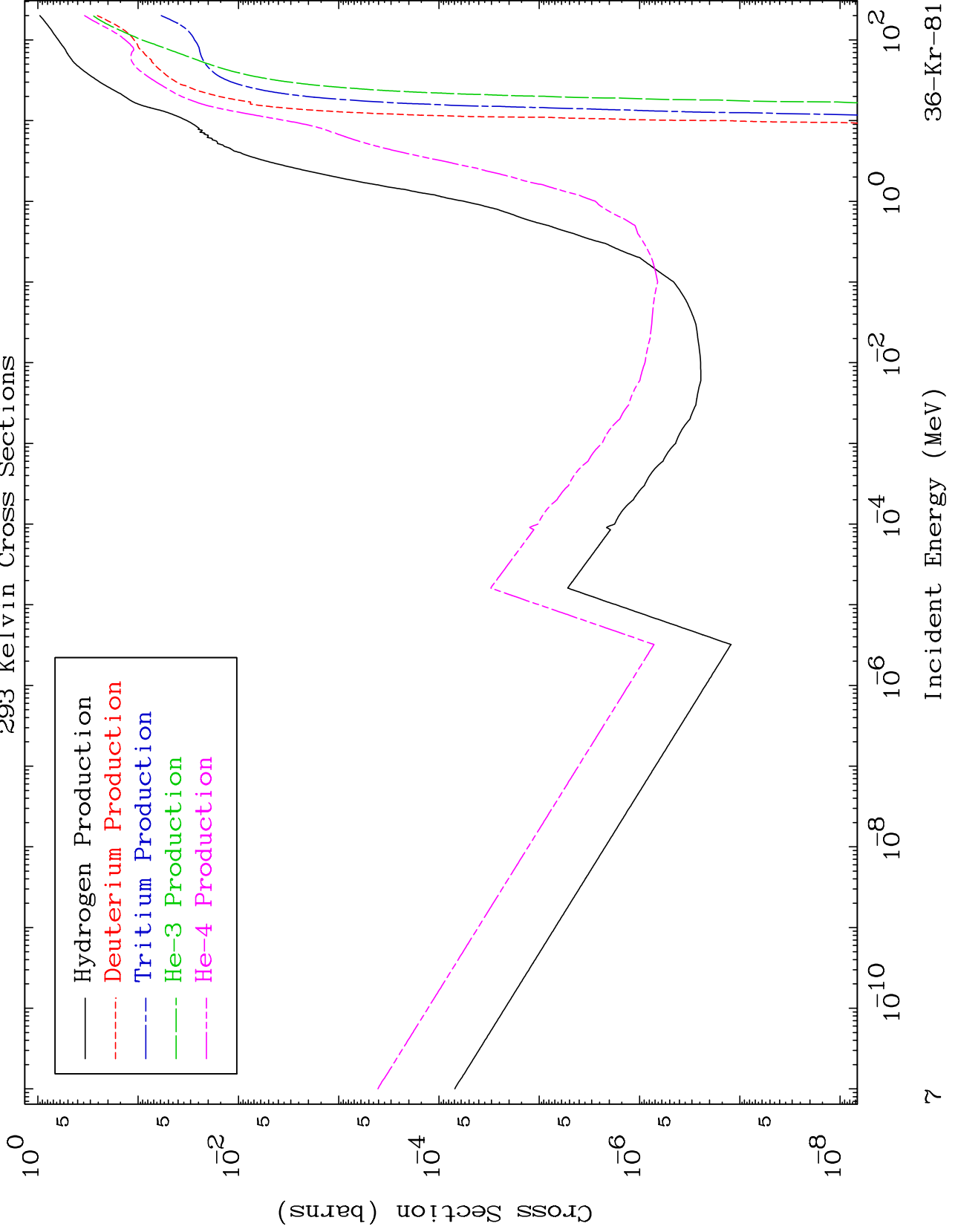
36-Kr-81



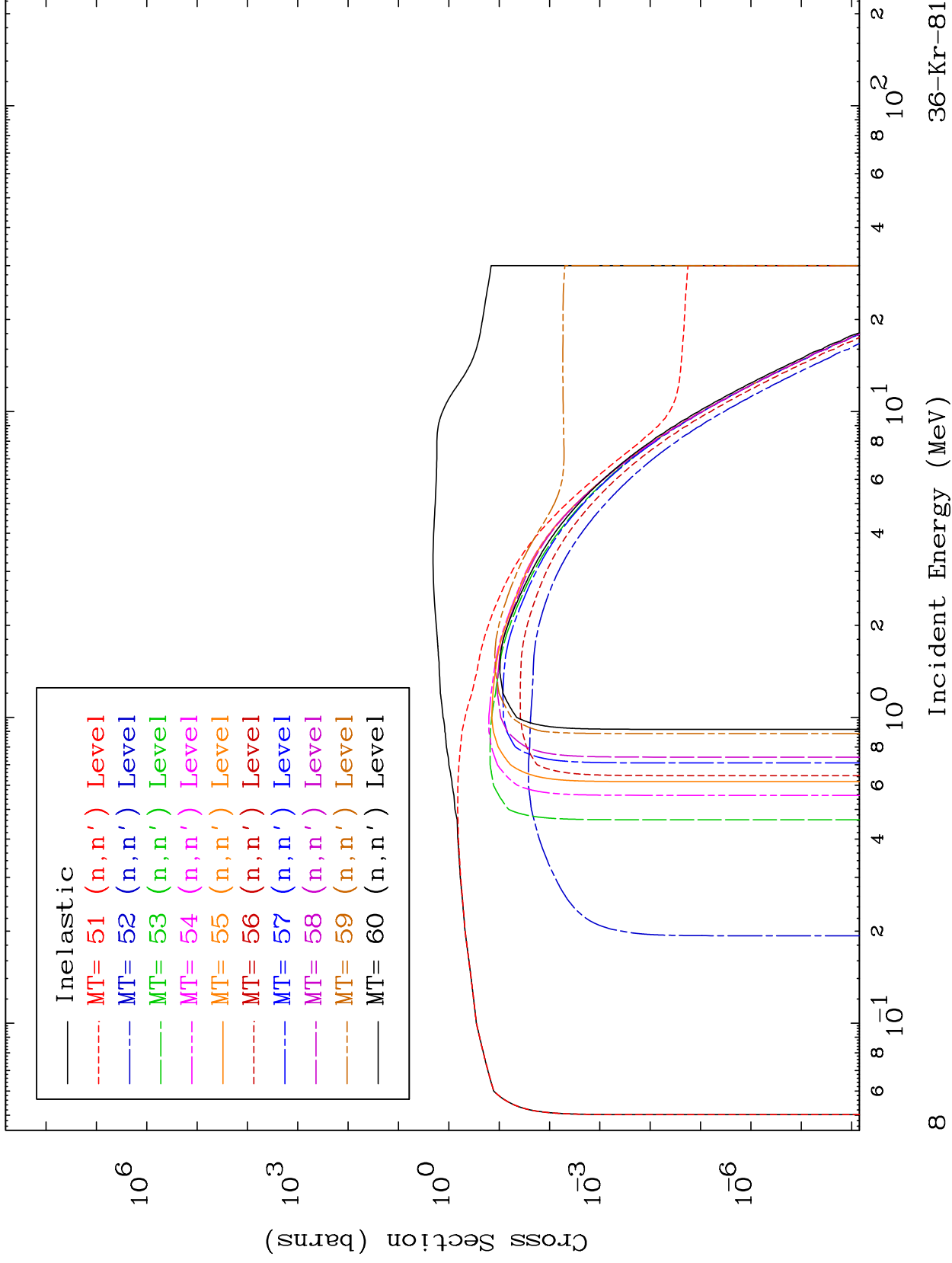
MAT 3634

Particle Production  
293 Kelvin Cross Sections

36-Kr-81



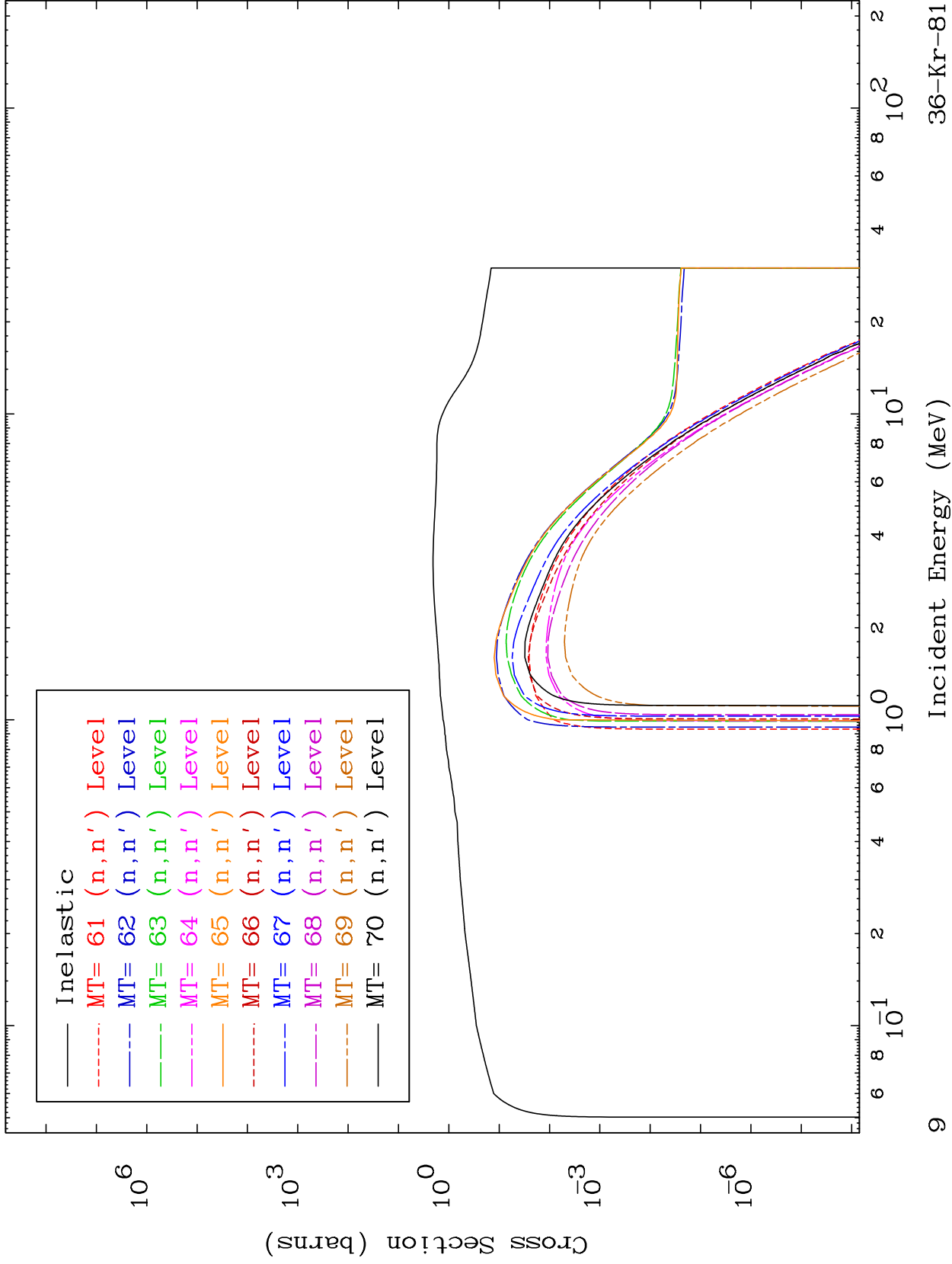




MAT 3634

(n,n') Levels  
293 Kelvin Cross Sections

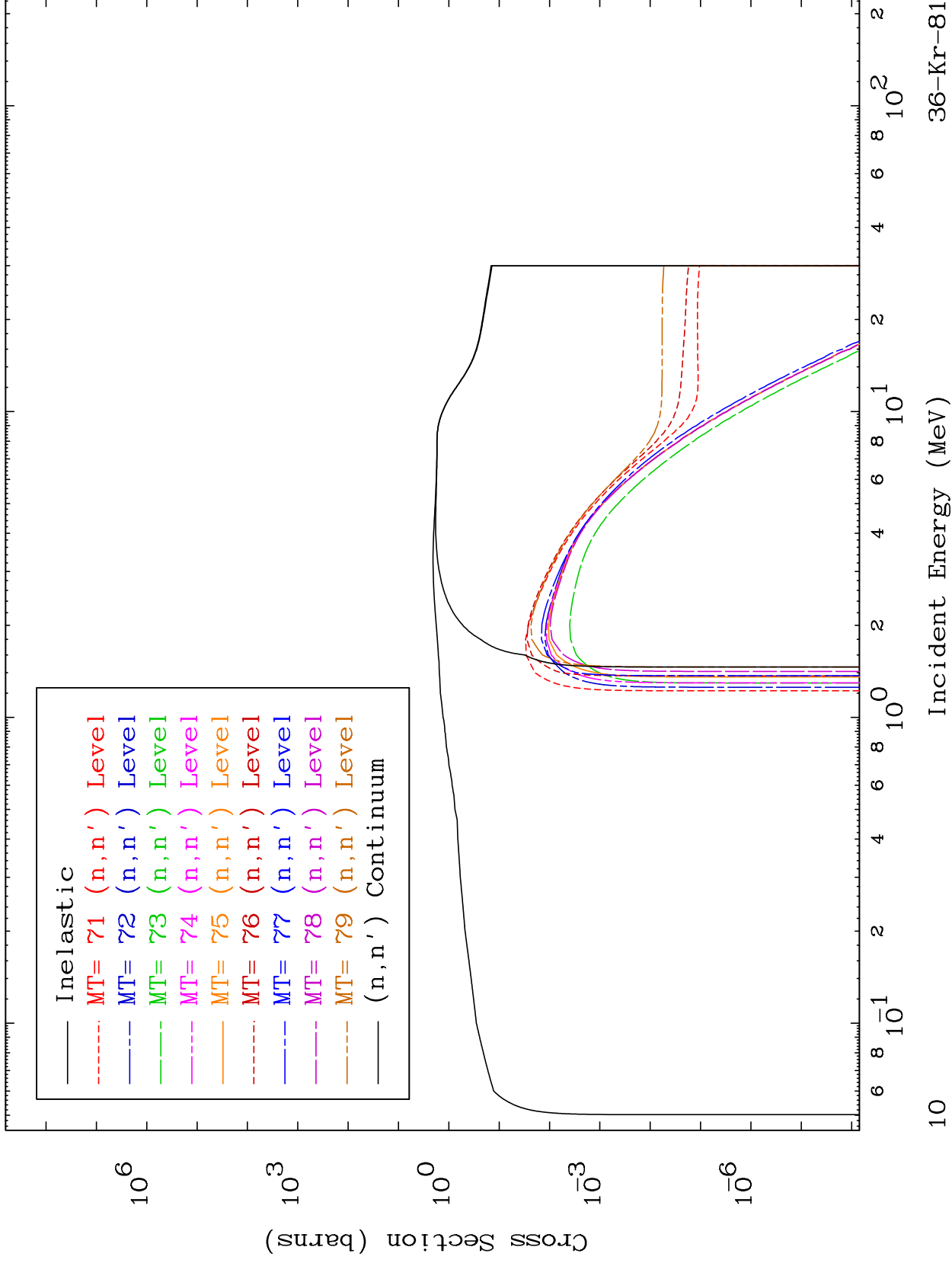
36-Kr-81



MAT 3634

(n,n') Levels  
293 Kelvin Cross Sections

36-Kr-81



10

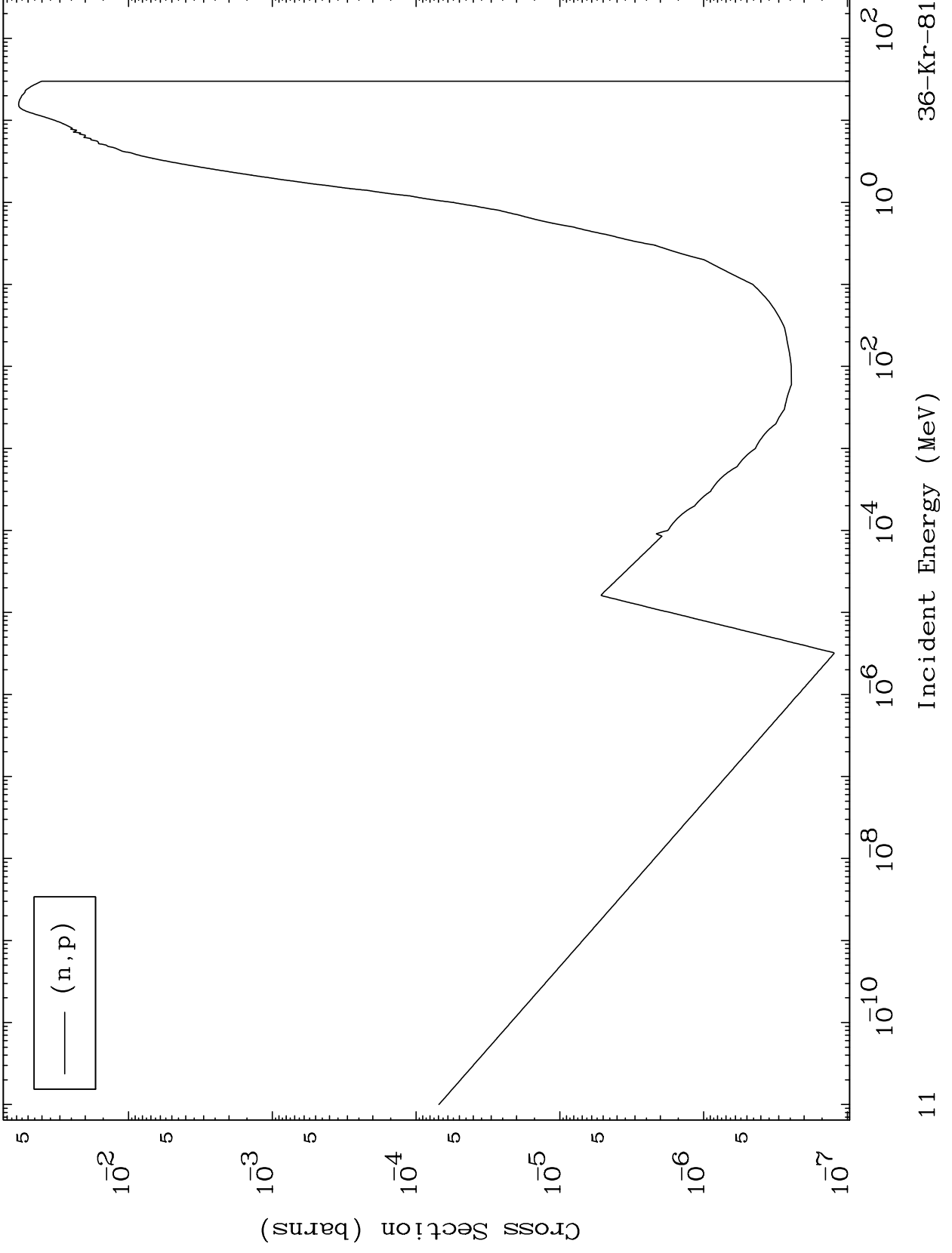
Incident Energy (MeV)

36-Kr-81

MAT 3634

(n,p) Levels  
293 Kelvin Cross Sections

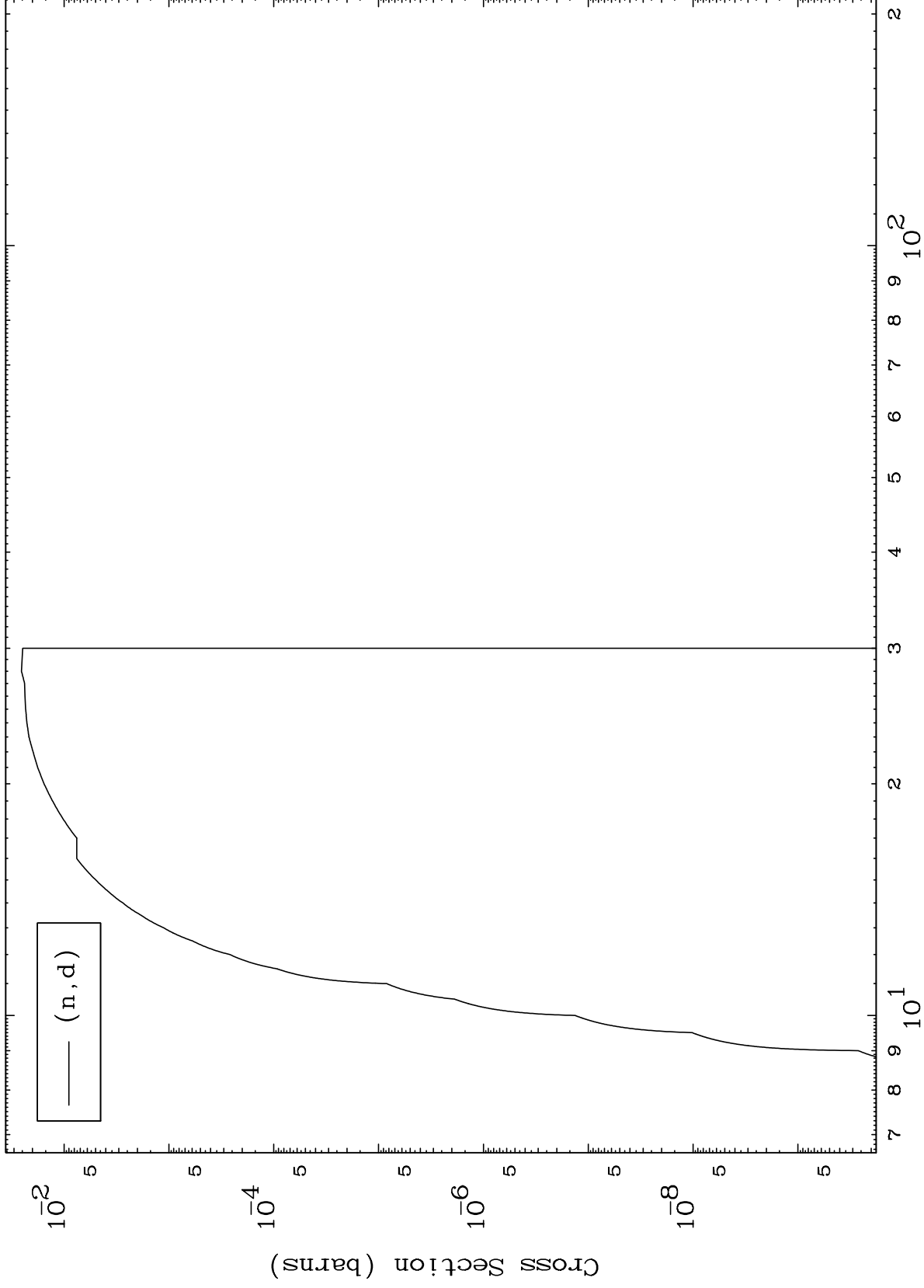
36-Kr-81



MAT 3634

(n,d) Levels  
293 Kelvin Cross Sections

36-Kr-81



12

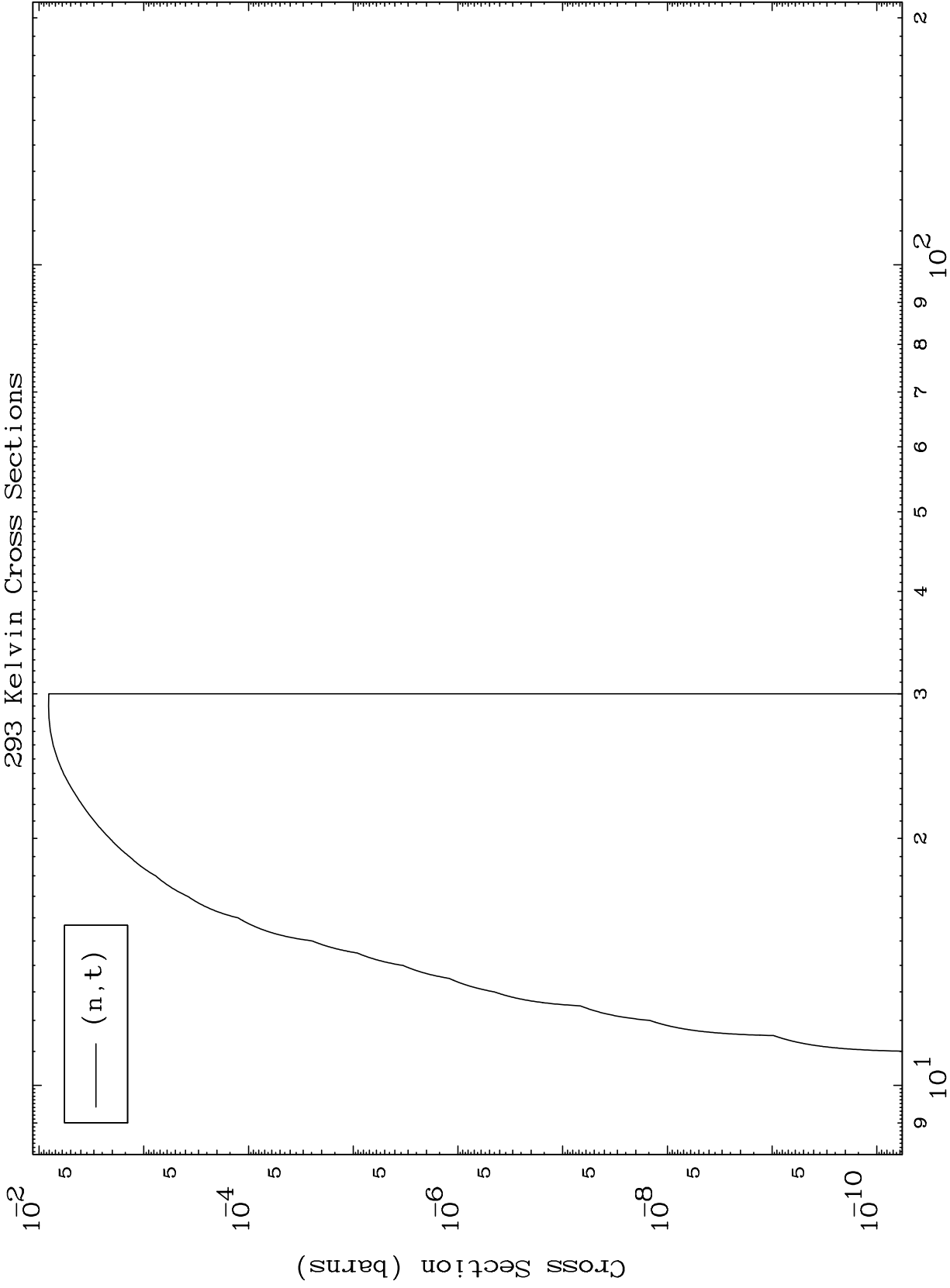
Incident Energy (MeV)

36-Kr-81

MAT 3634

36-Kr-81

(n,t) Levels  
293 Kelvin Cross Sections



13

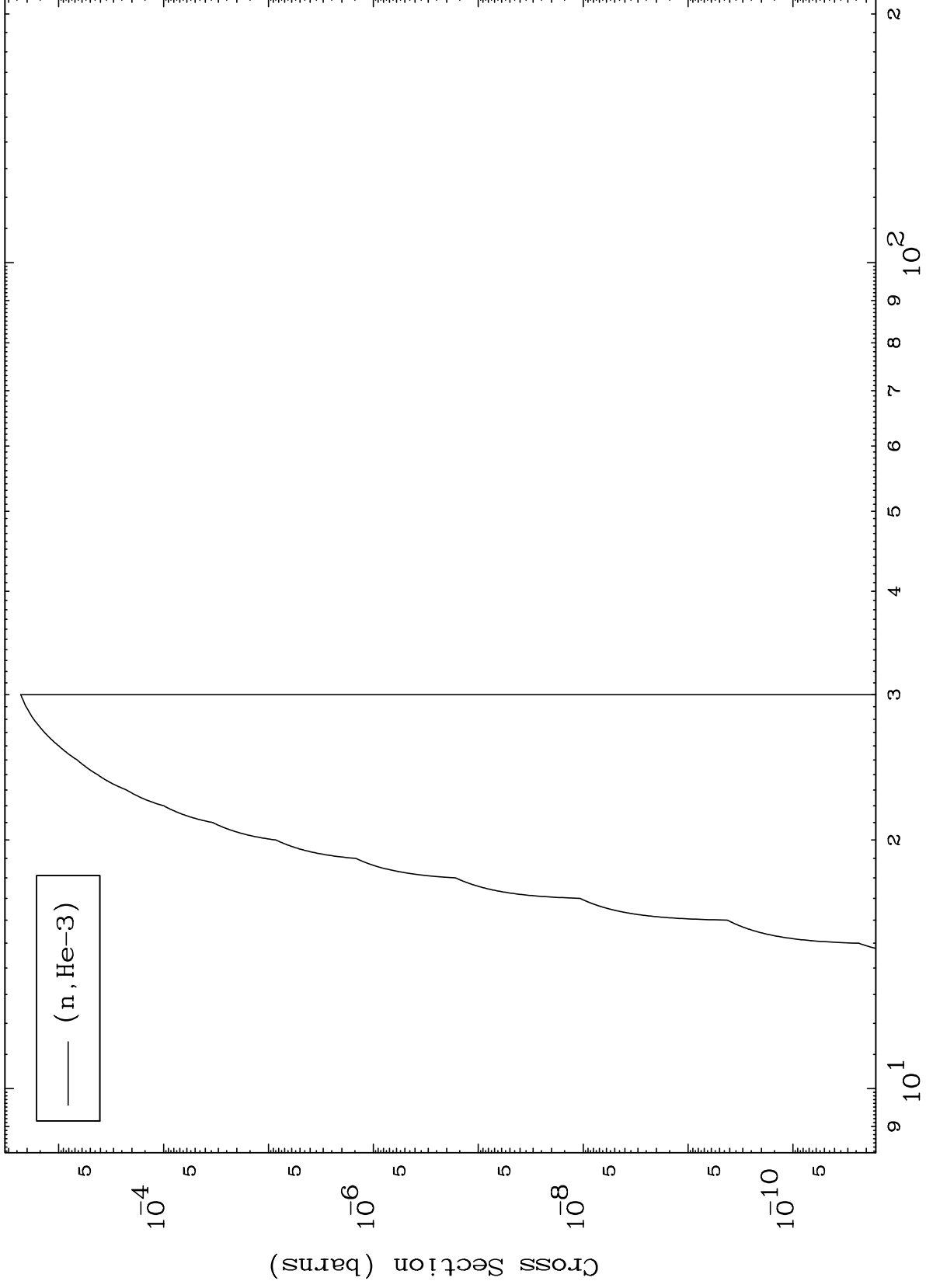
Incident Energy (MeV)

36-Kr-81

MAT 3634

(n,He3) Levels  
293 Kelvin Cross Sections

36-Kr-81



14

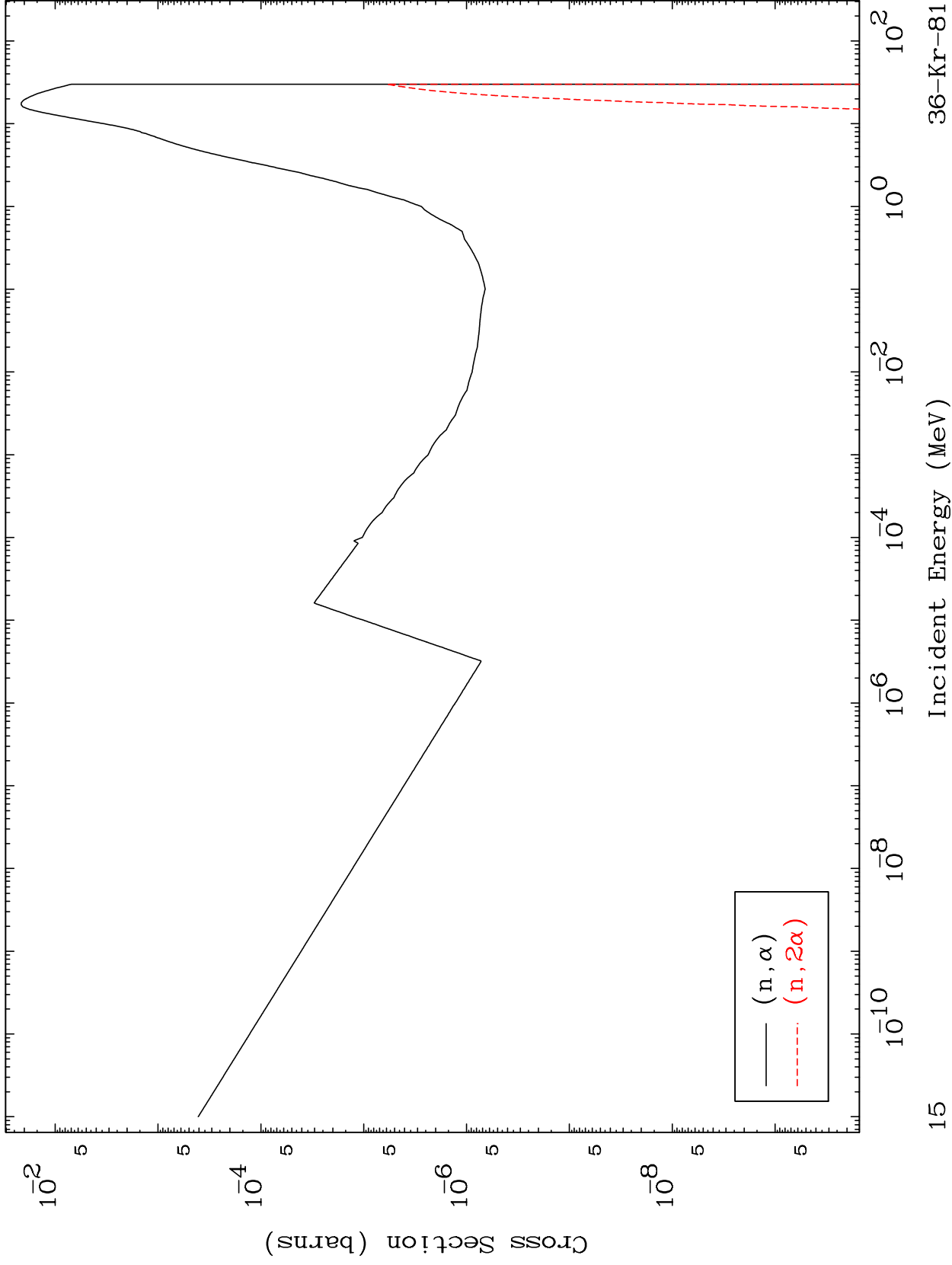
Incident Energy (MeV)

36-Kr-81

MAT 3634

(n,α) Levels  
293 Kelvin Cross Sections

36-Kr-81



15

Incident Energy (MeV)

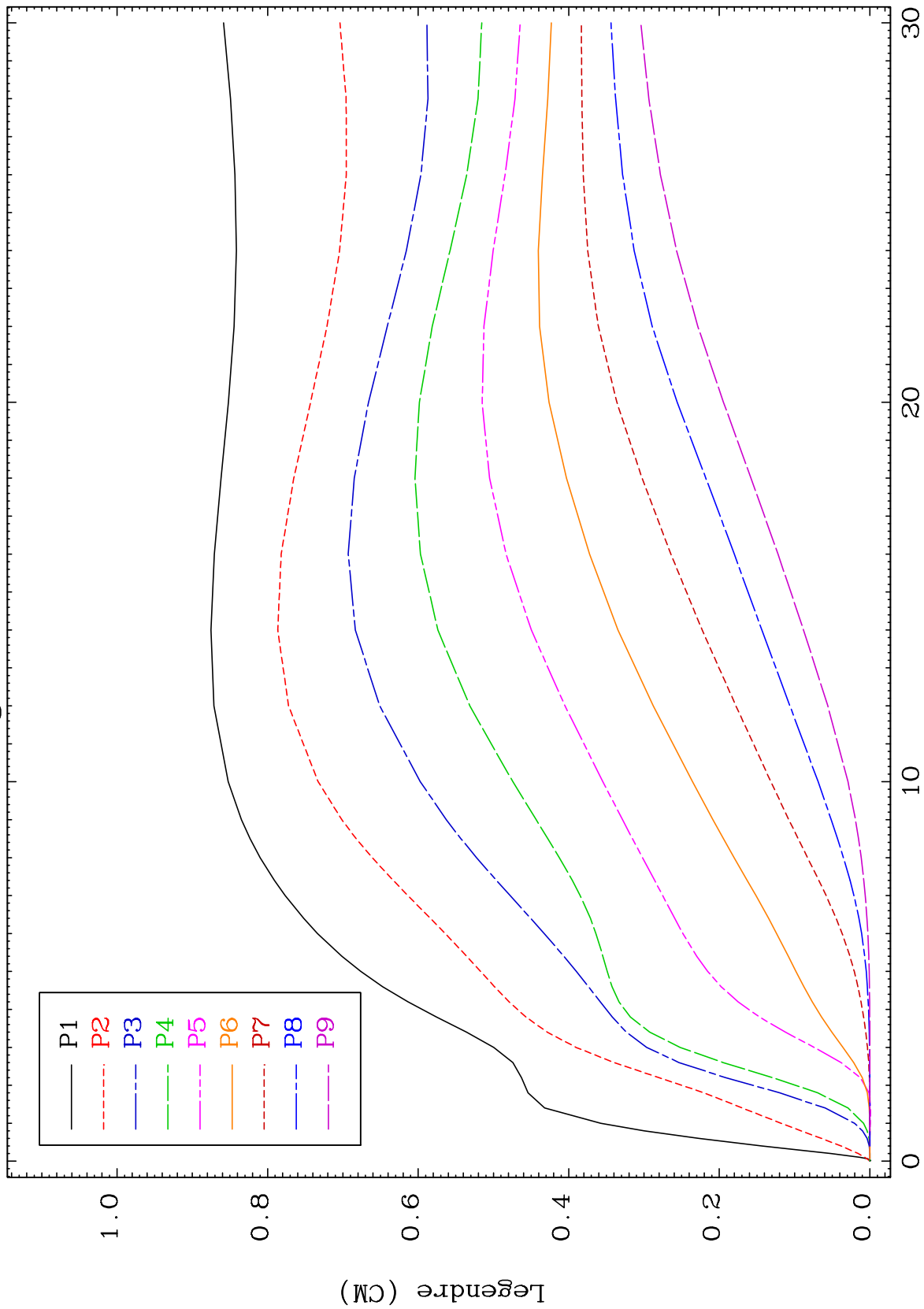
36-Kr-81



MAT 3634

Elastic Legendre Coefficients

36-Kr-81



16

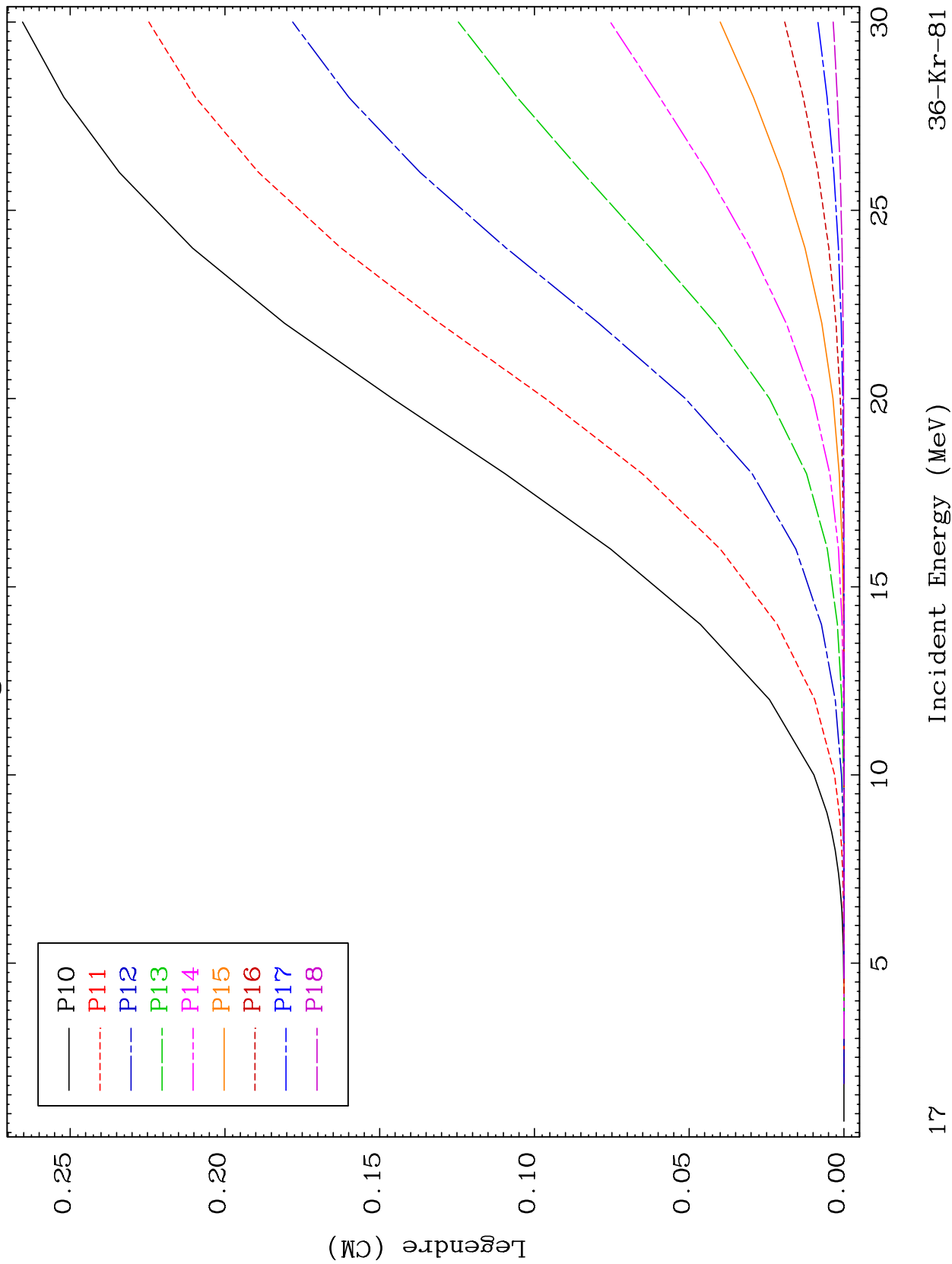
Incident Energy (MeV)

36-Kr-81

MAT 3634

Elastic Legendre Coefficients

<sup>36</sup>Kr-81



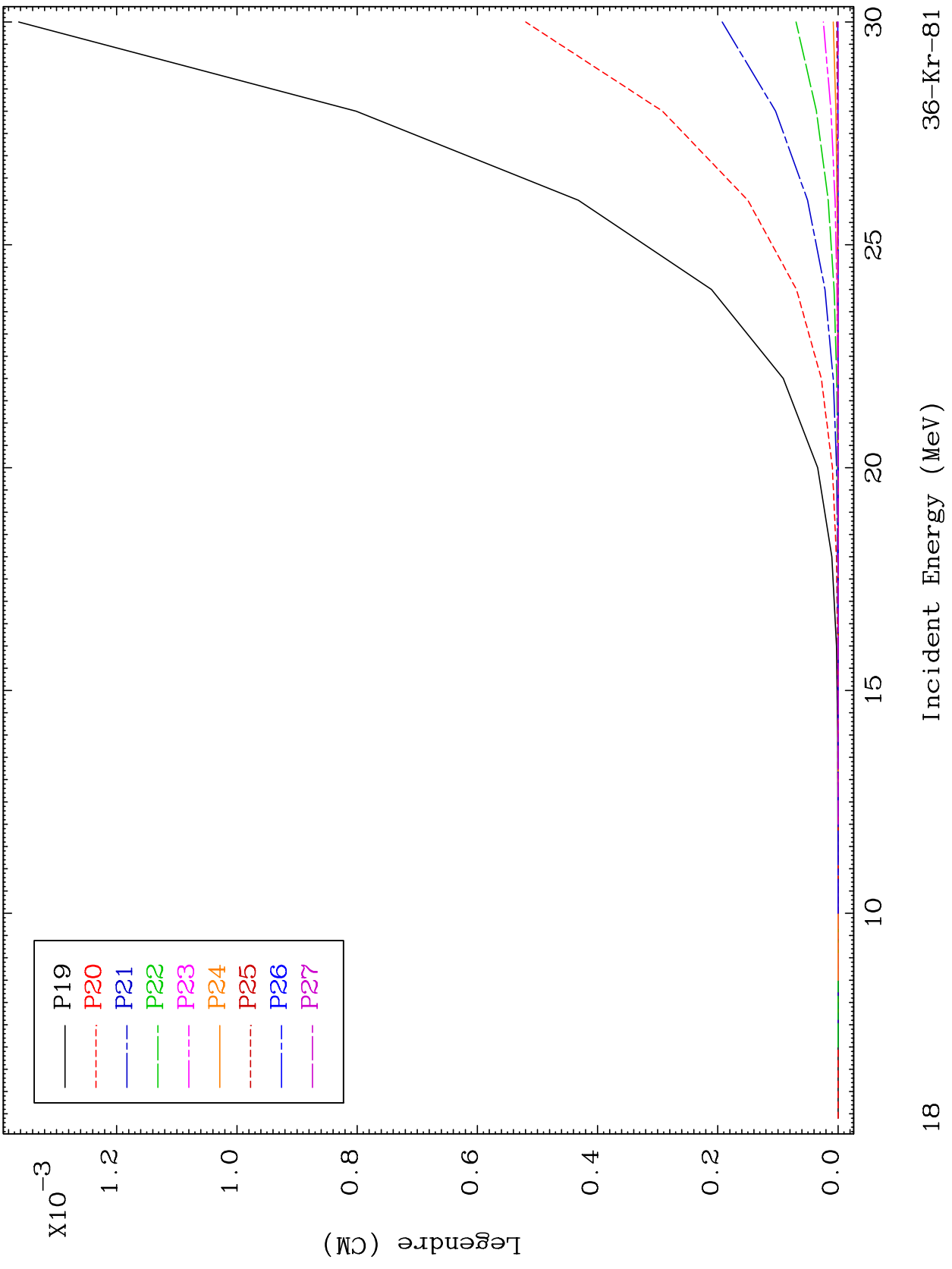
17

<sup>36</sup>Kr-81

MAT 3634

Elastic Legendre Coefficients

<sup>36</sup>Kr-81



18

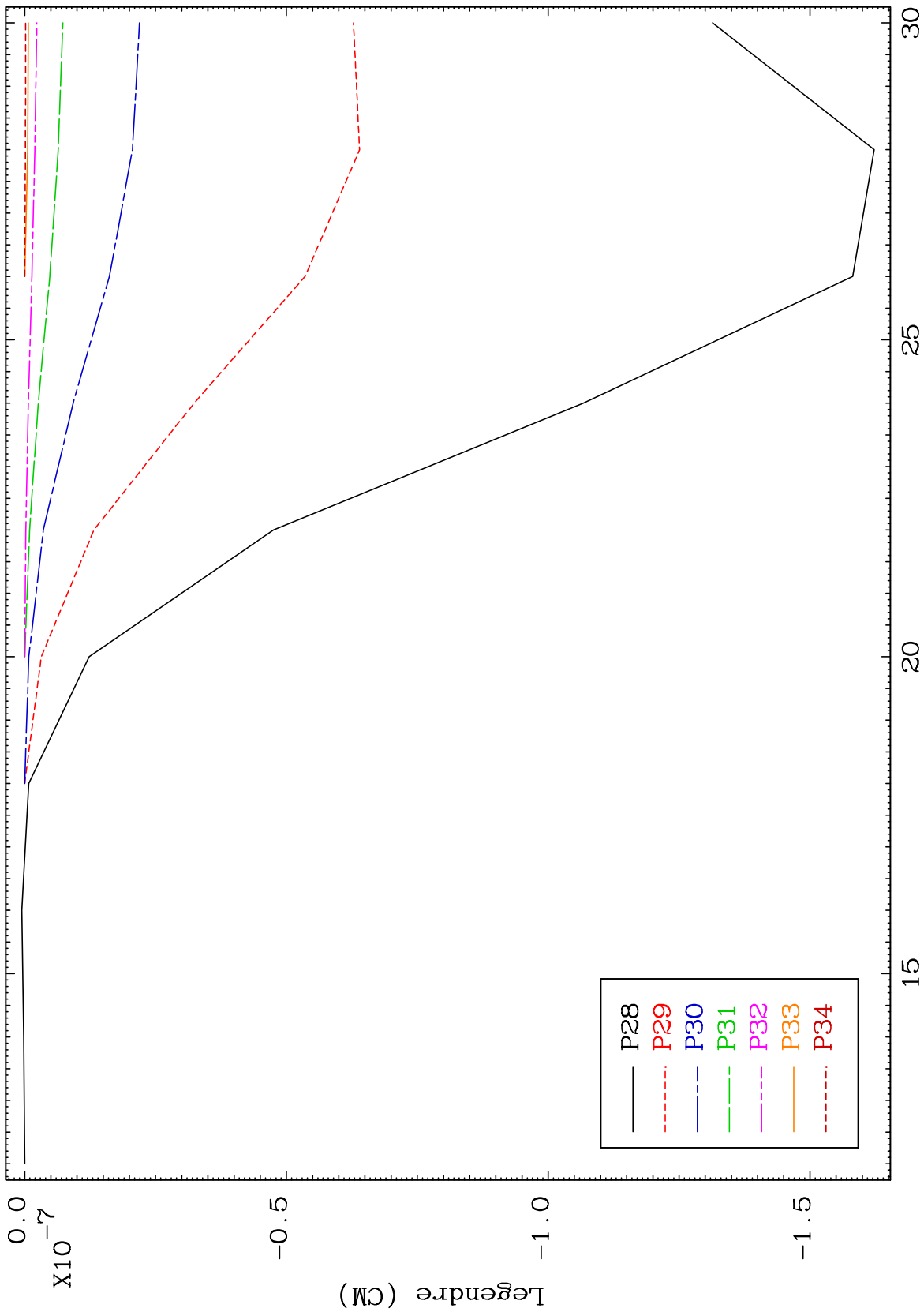
Incident Energy (MeV)

<sup>36</sup>Kr-81

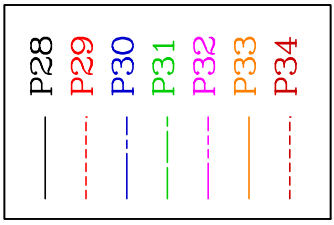
MAT 3634

36-Kr-81

Elastic Legendre Coefficients



Legendre (CM)  
X10<sup>-7</sup>



19

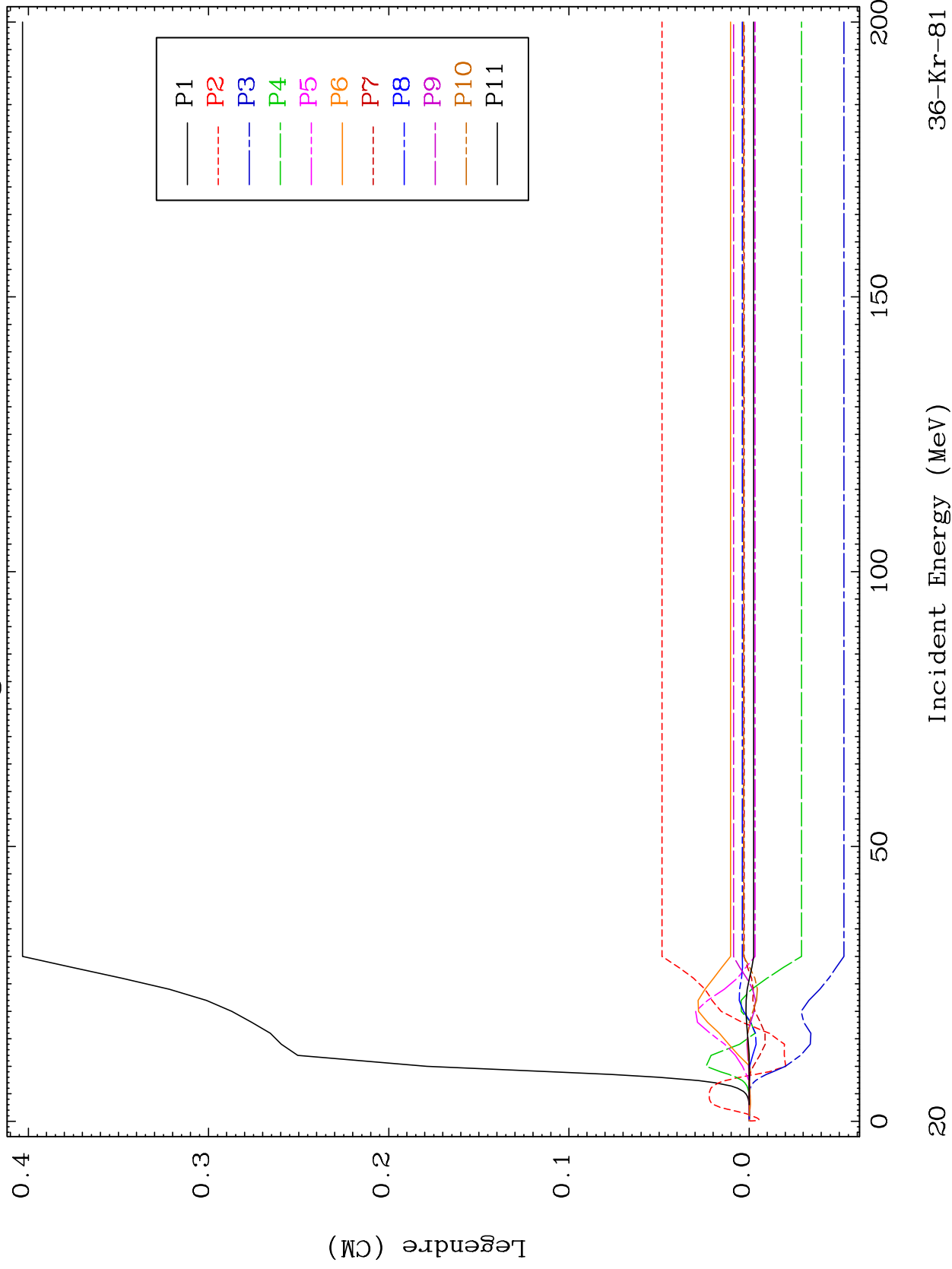
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



36-Kr-81

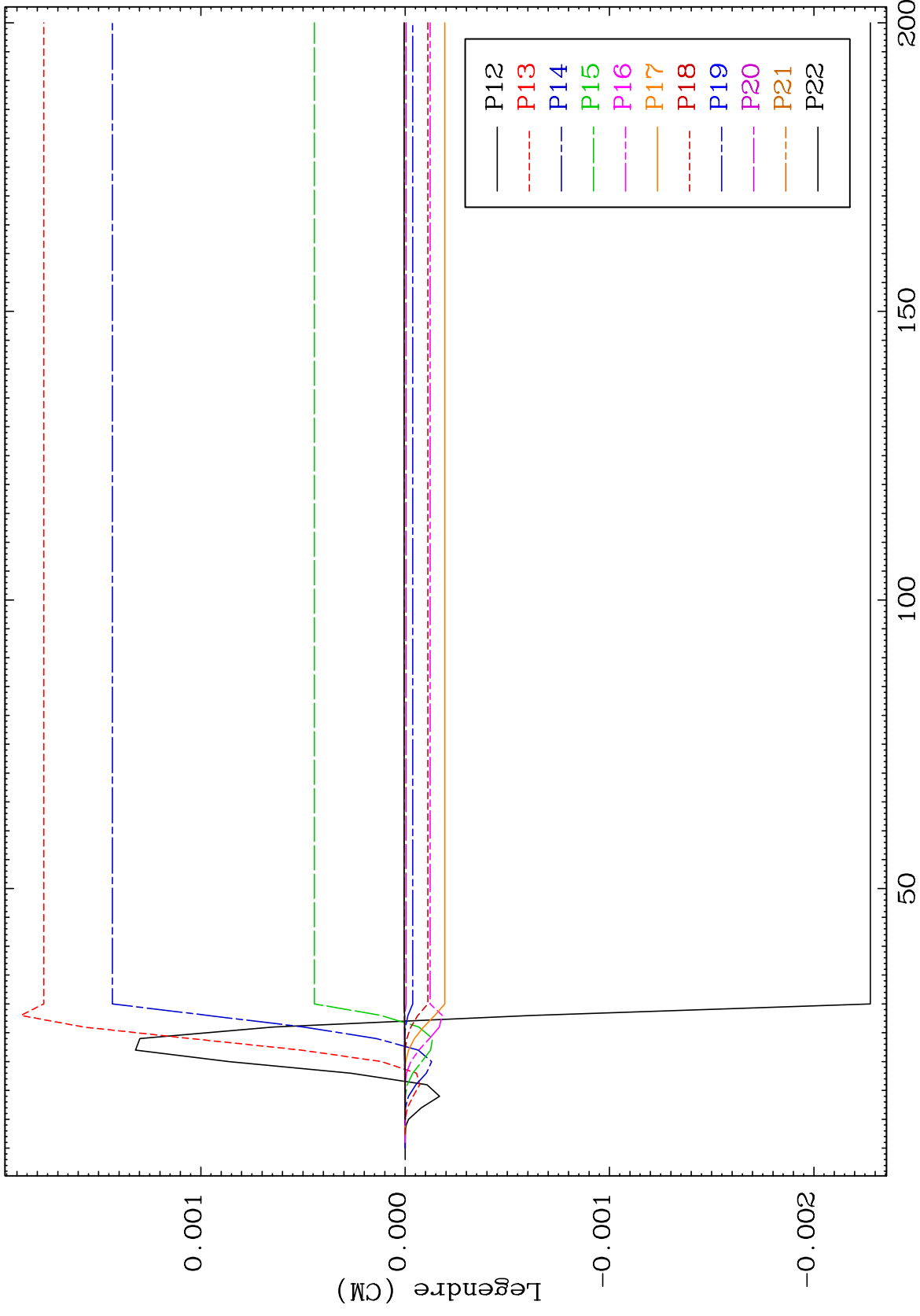
Incident Energy (MeV)

20

MAT 3634

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

36-Kr-81



21

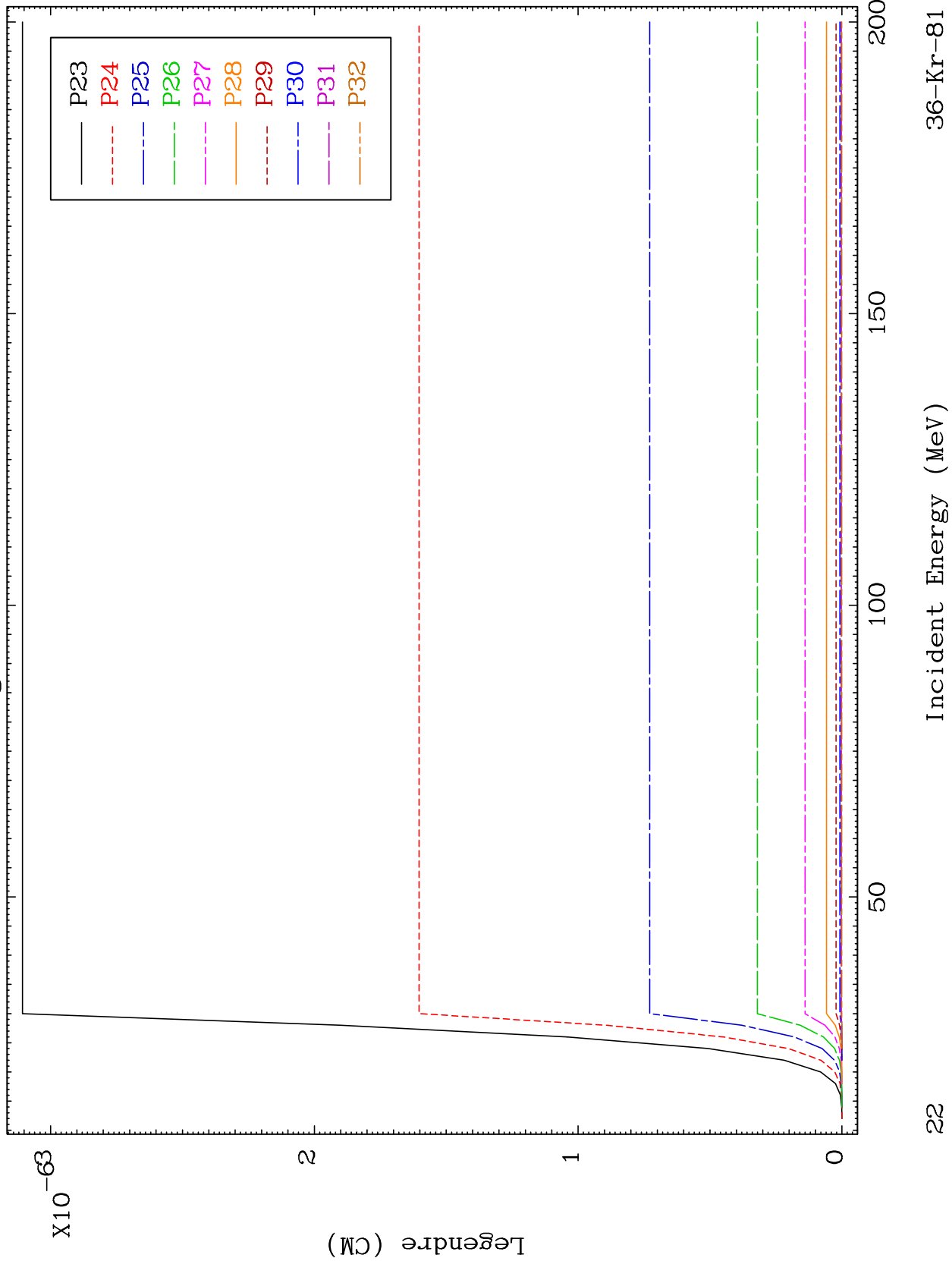
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



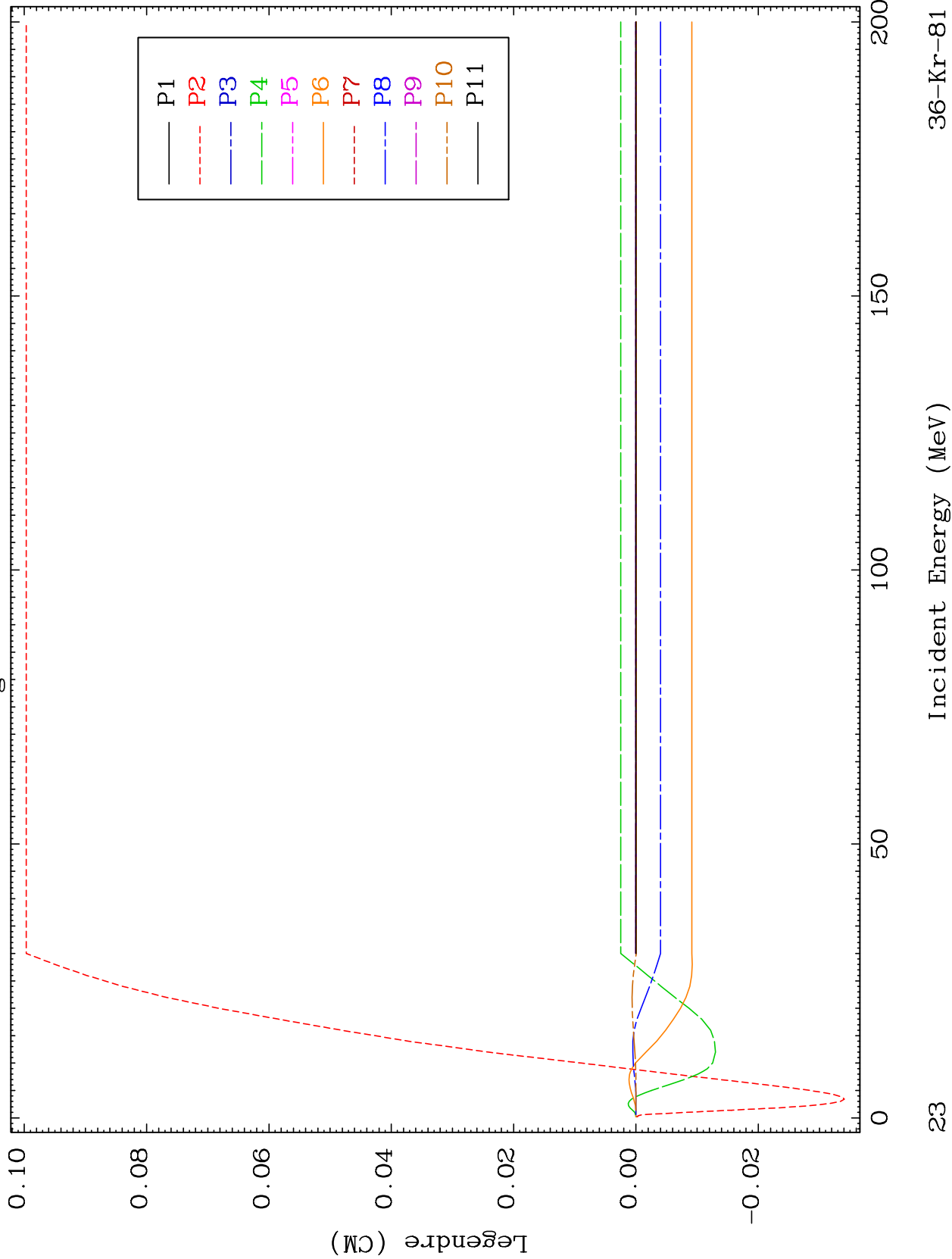
22

36-Kr-81

MAT 3634

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

36-Kr-81



36-Kr-81

Incident Energy (MeV)

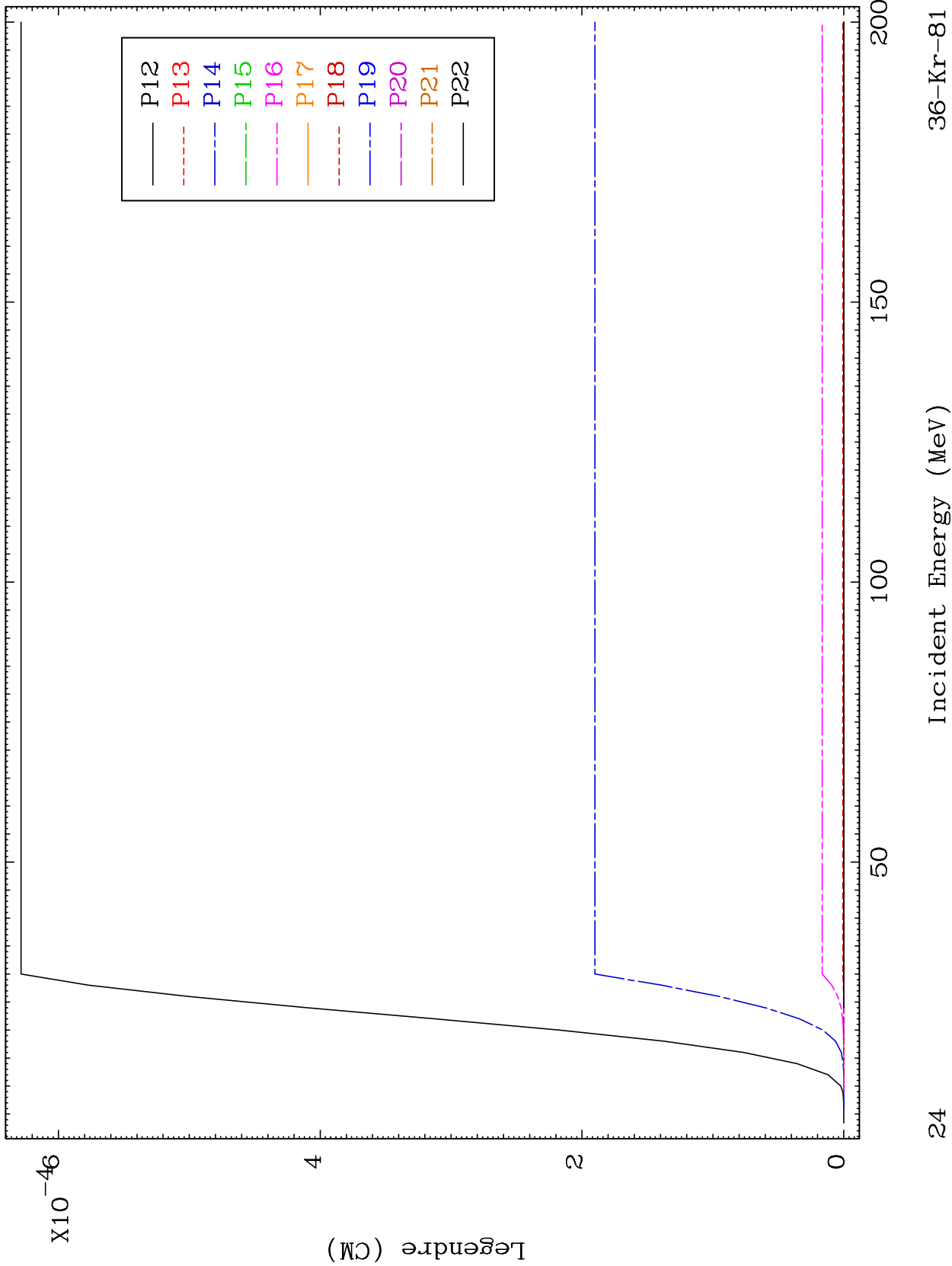
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MAT 3634

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

36-Kr-81



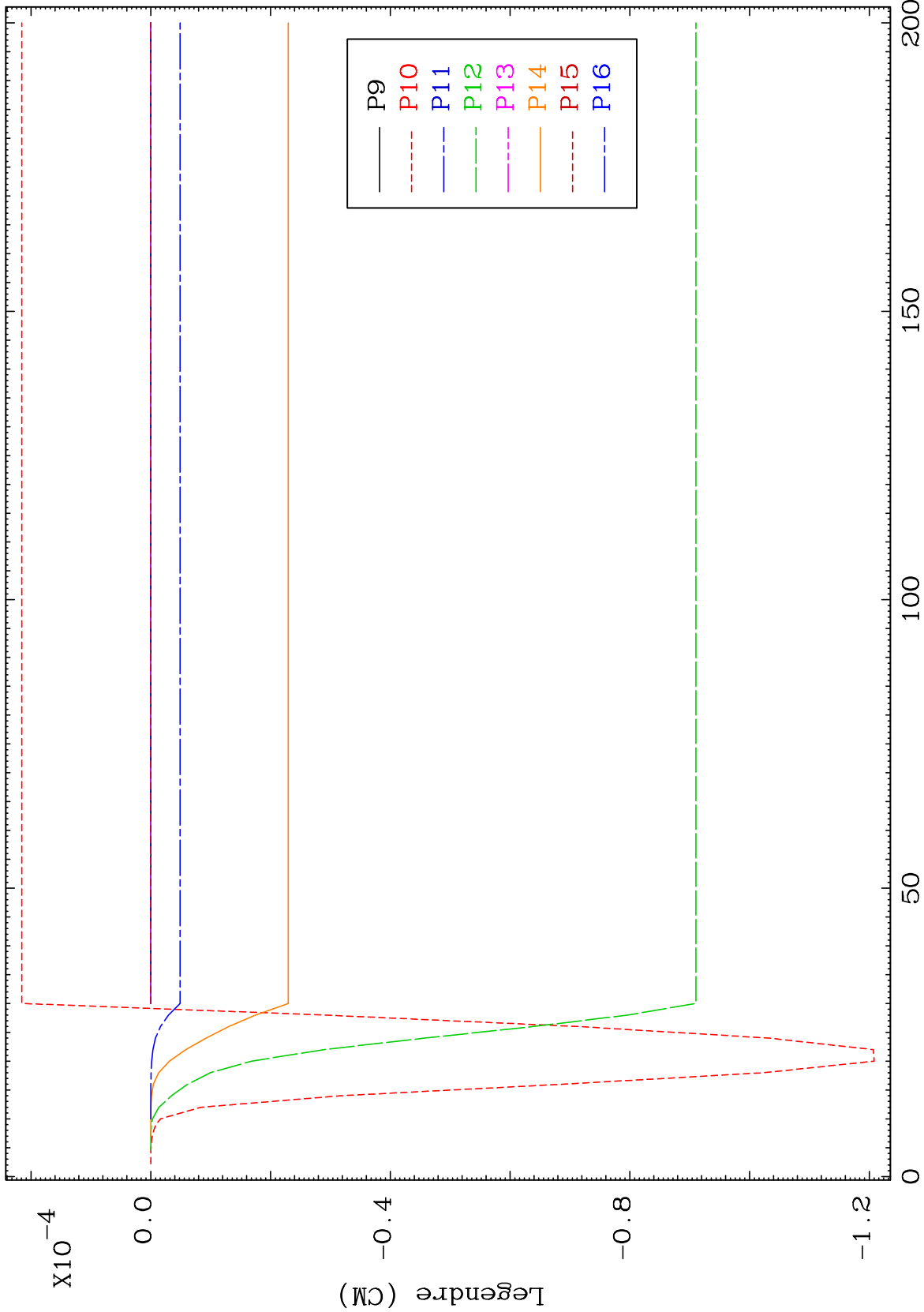
24



MAT 3634

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

36-Kr-81



26

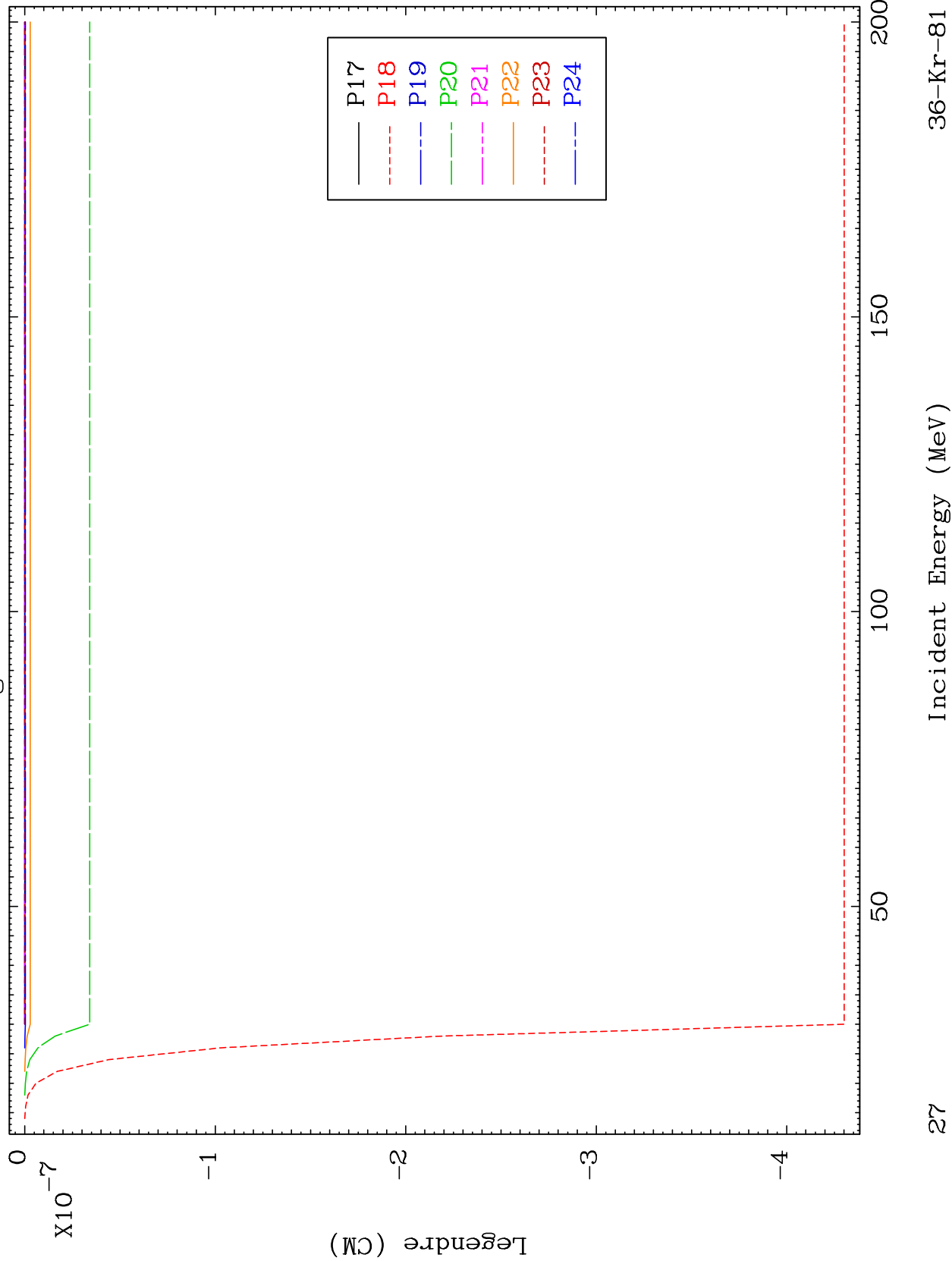
Incident Energy (MeV)

36-Kr-81

MAT 3634

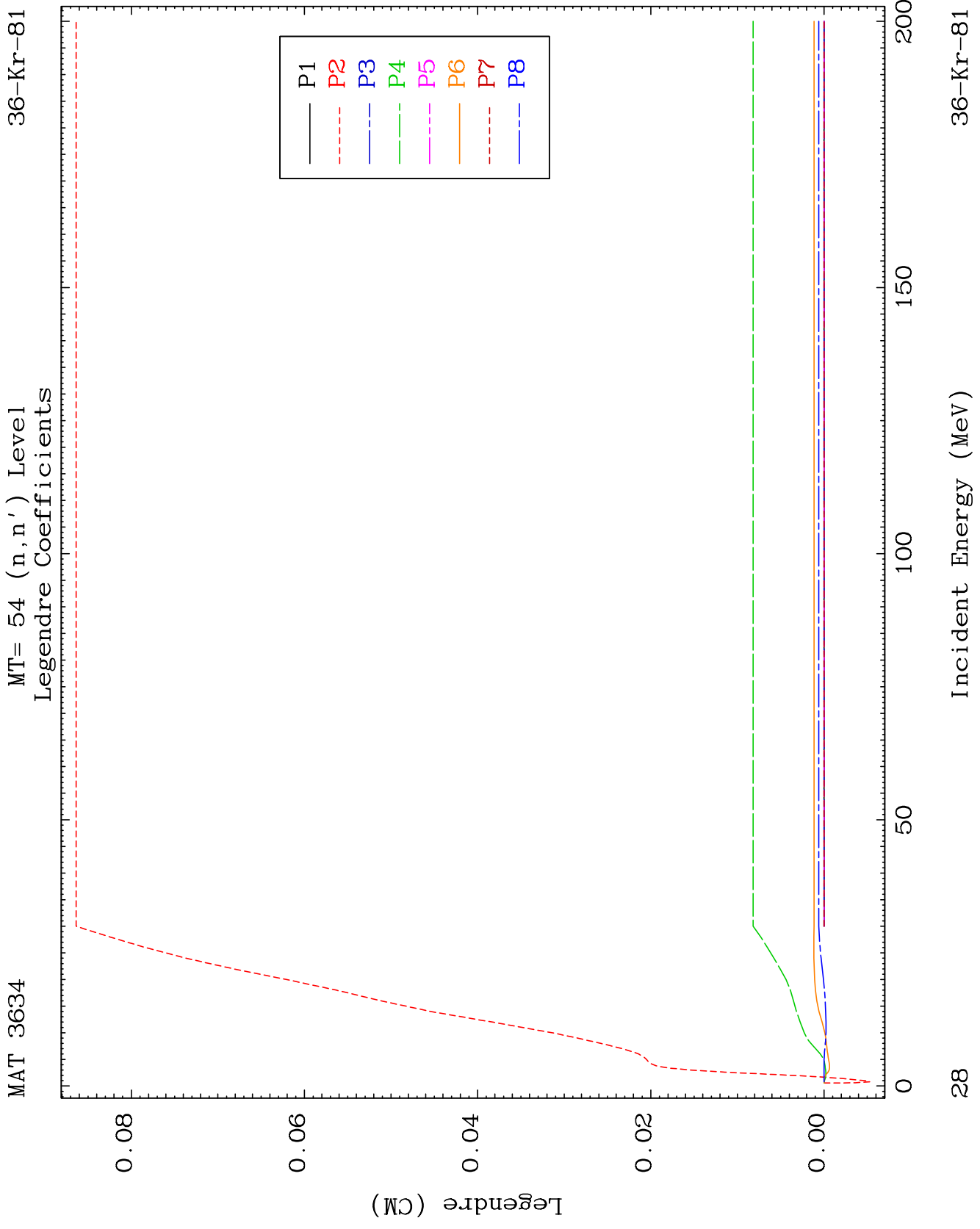
MT= 53 (n,n') Level  
Legendre Coefficients

36-Kr-81



27

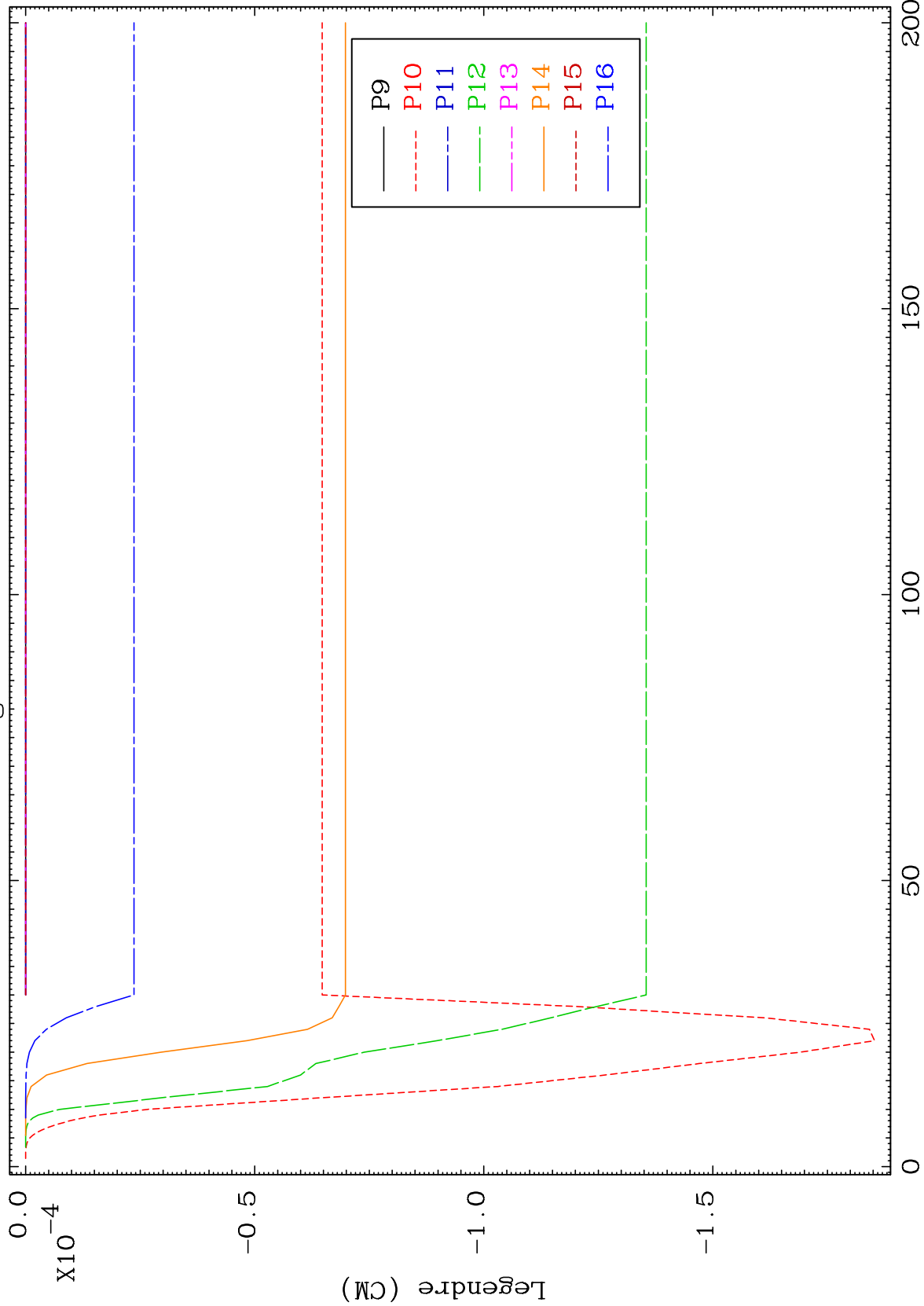
36-Kr-81



MAT 3634

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

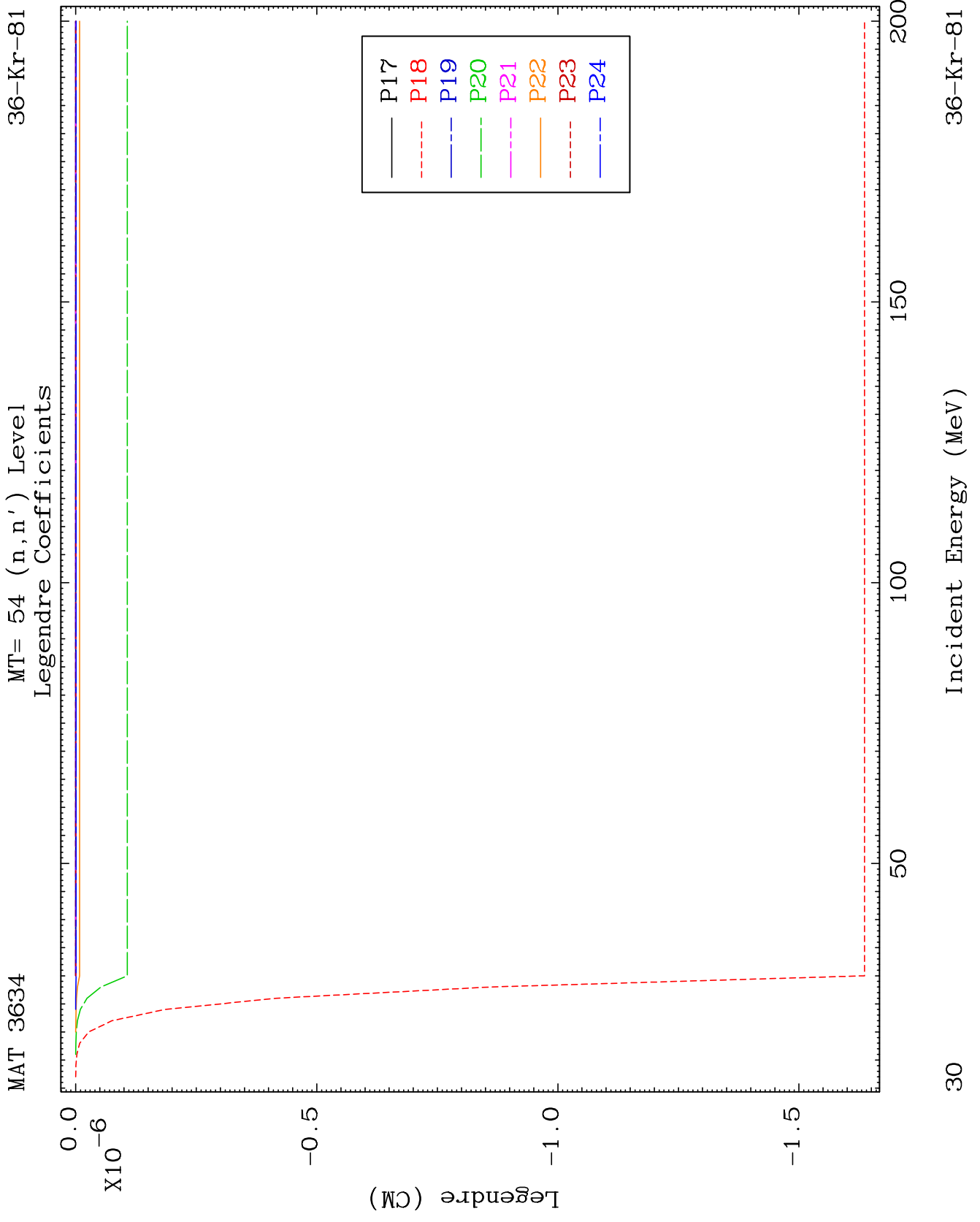
36-Kr-81



29

Incident Energy (MeV)

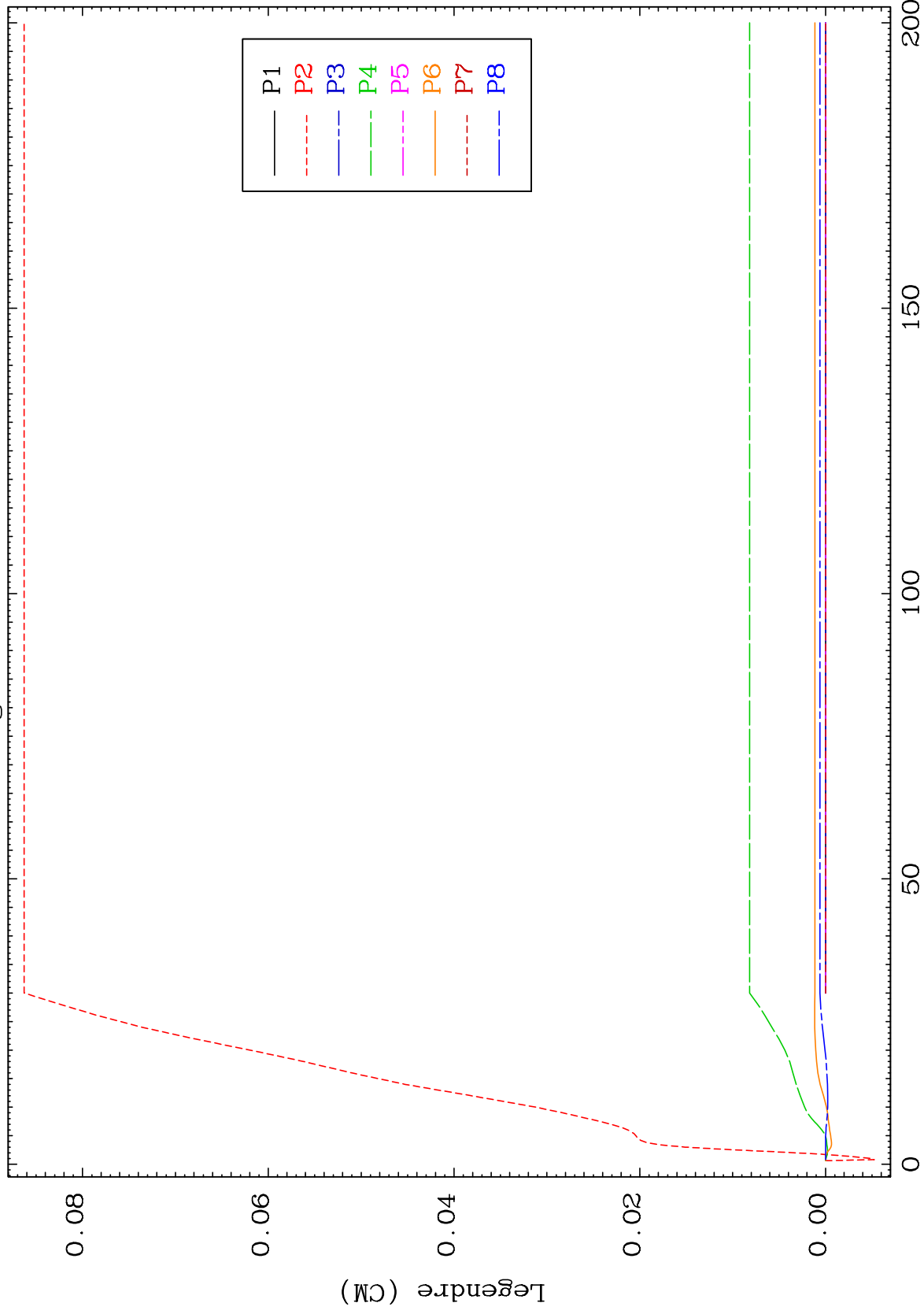
36-Kr-81



MAT 3634

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

36-Kr-81

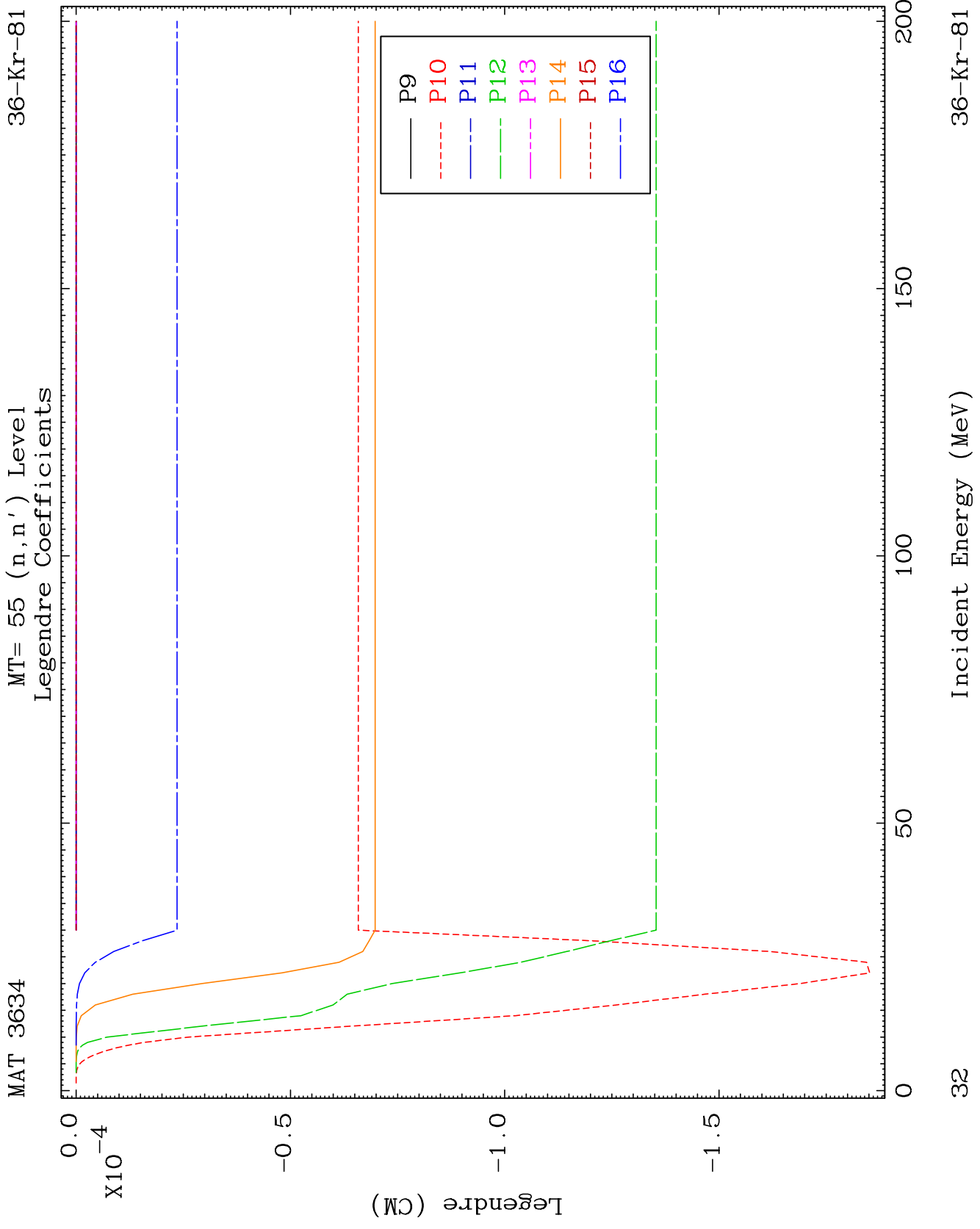


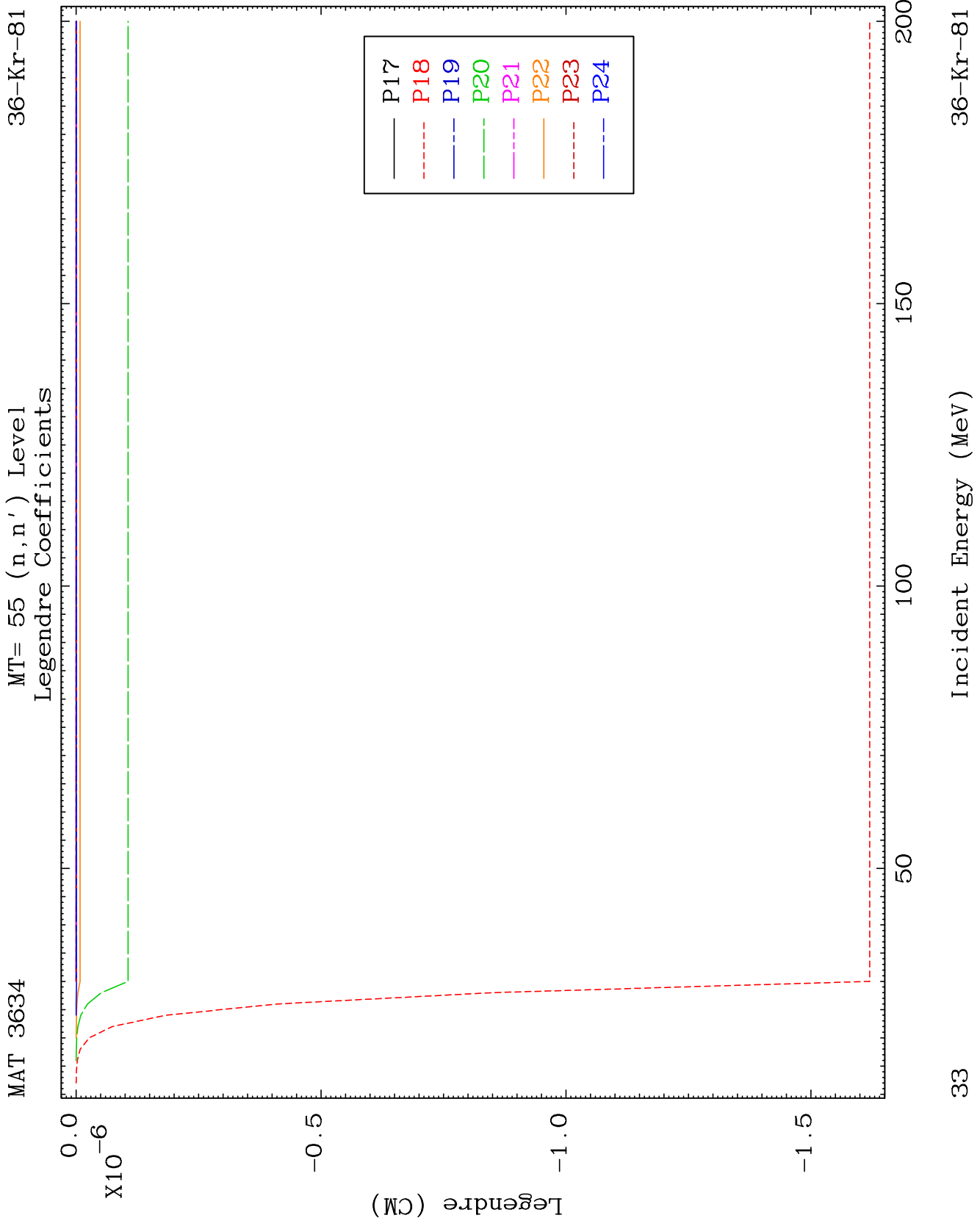
31

Incident Energy (MeV)

36-Kr-81



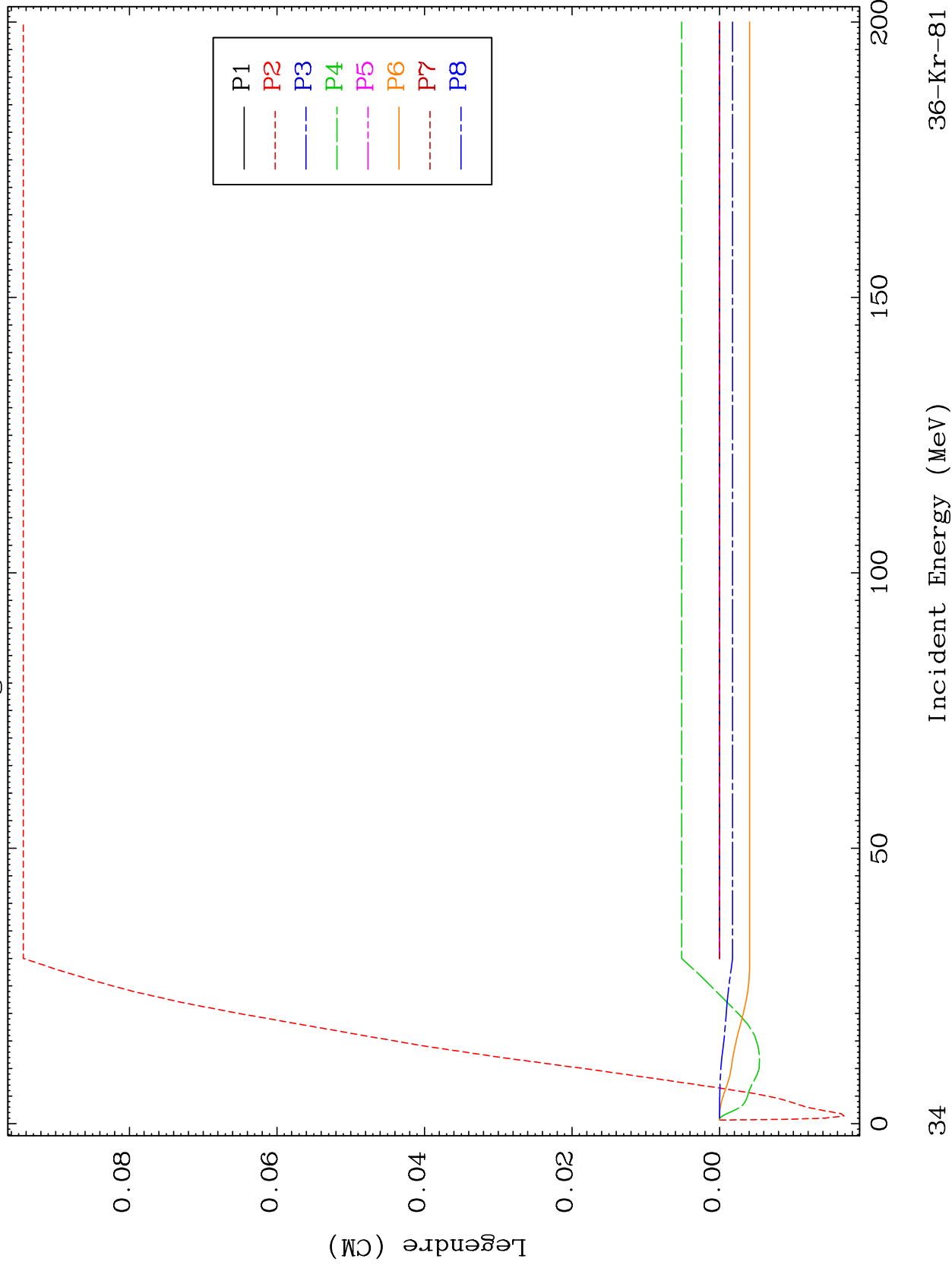




MAT 3634

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

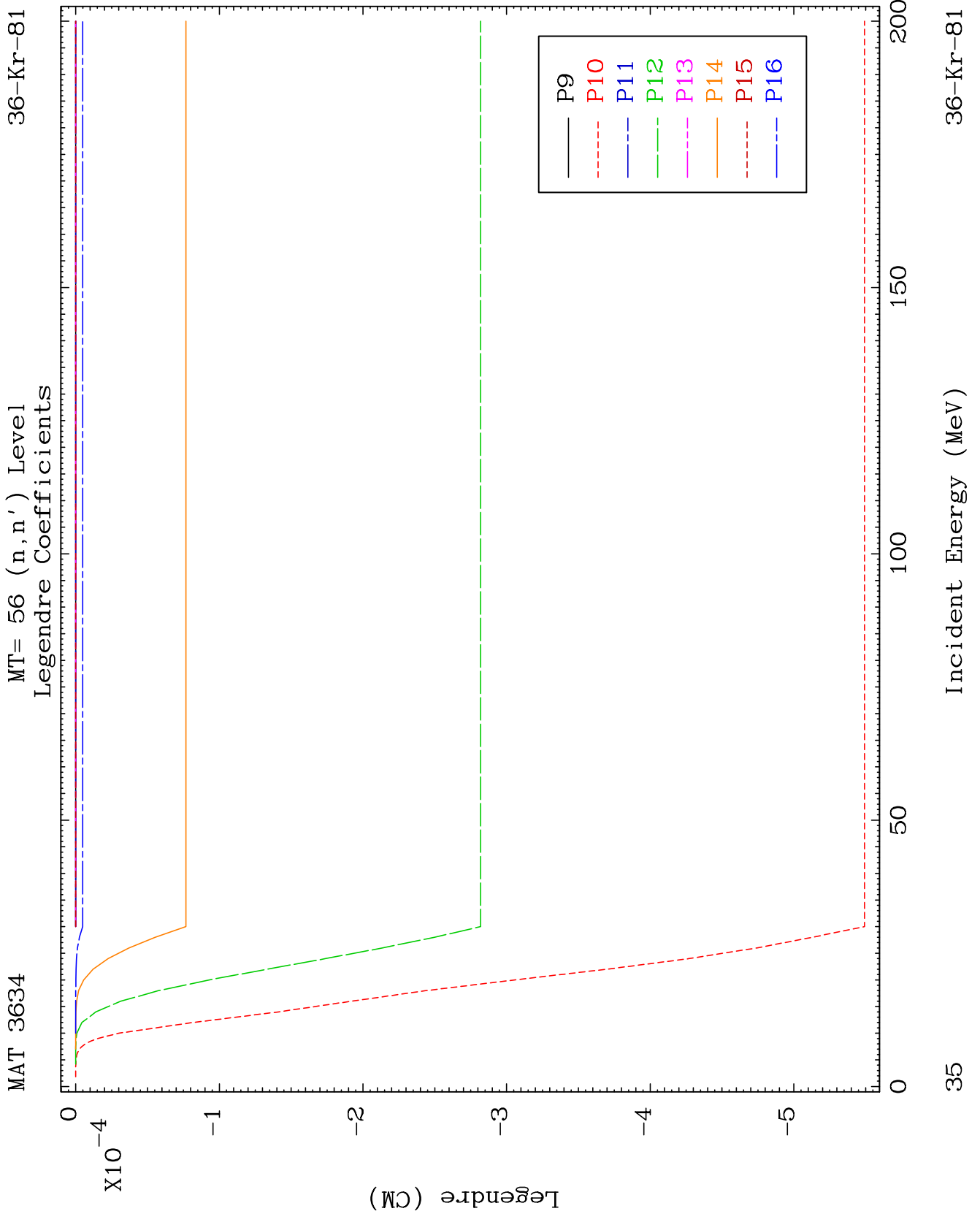
36-Kr-81

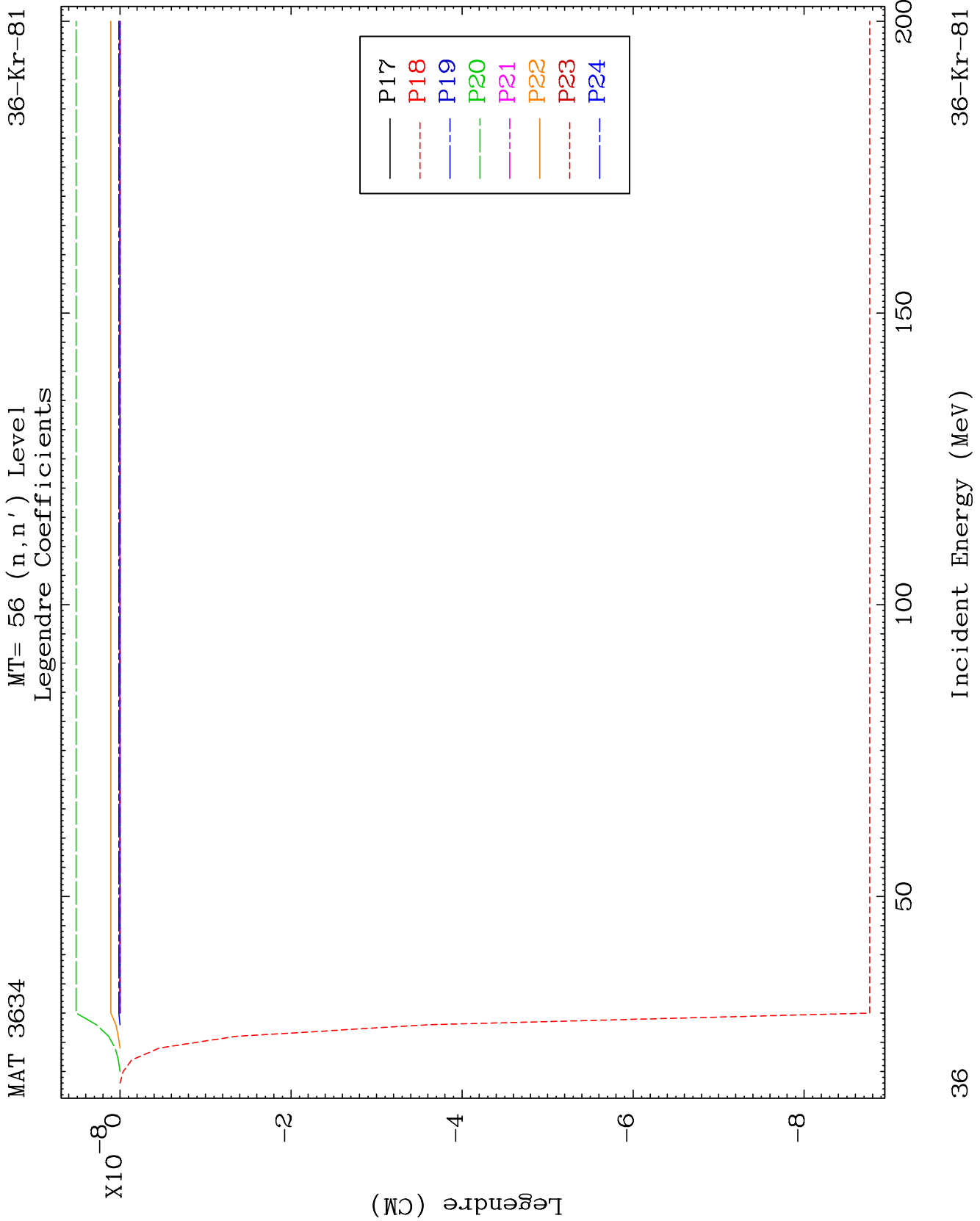


34

Incident Energy (MeV)

36-Kr-81



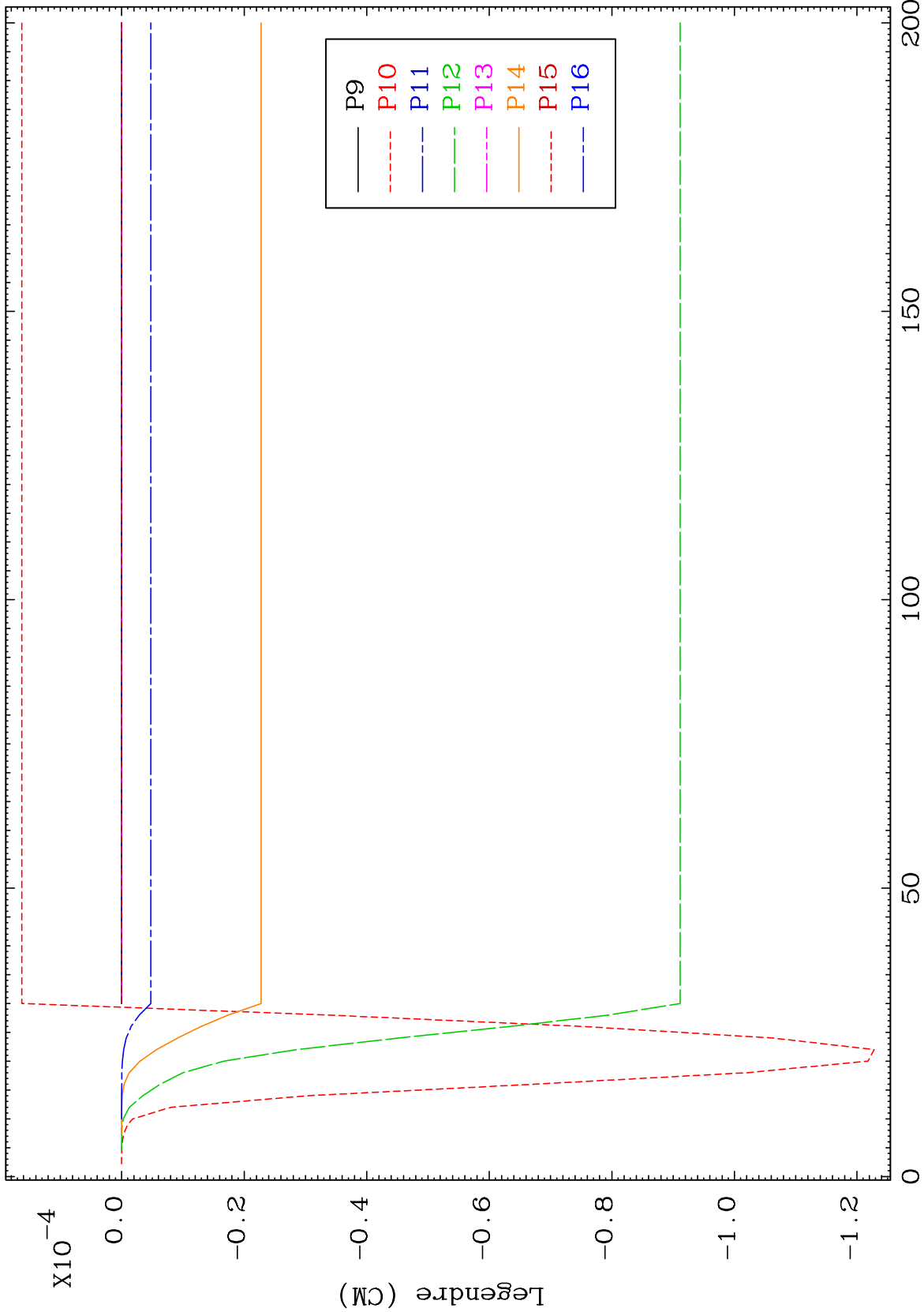




MAT 3634

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

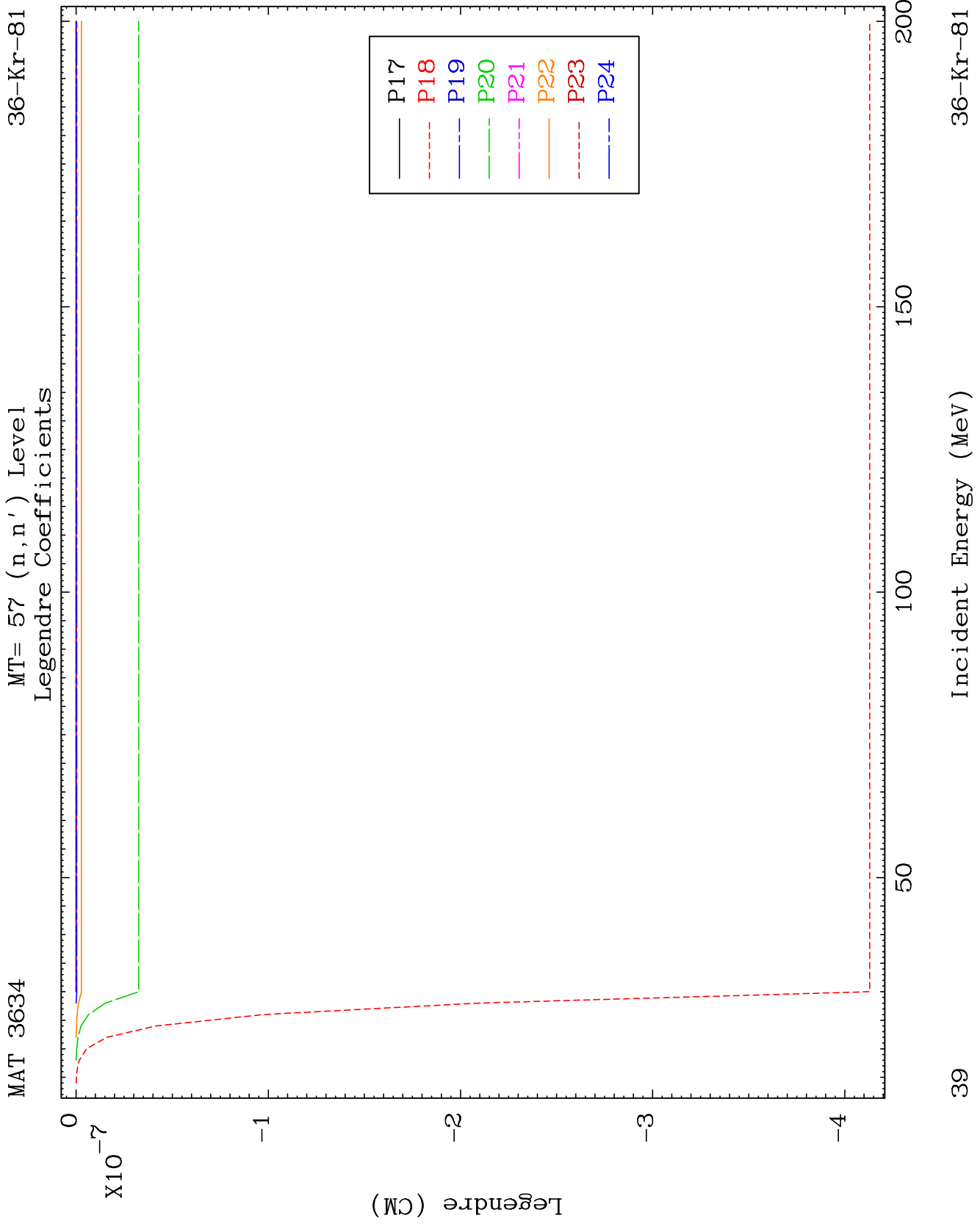
36-Kr-81



38

Incident Energy (MeV)

36-Kr-81



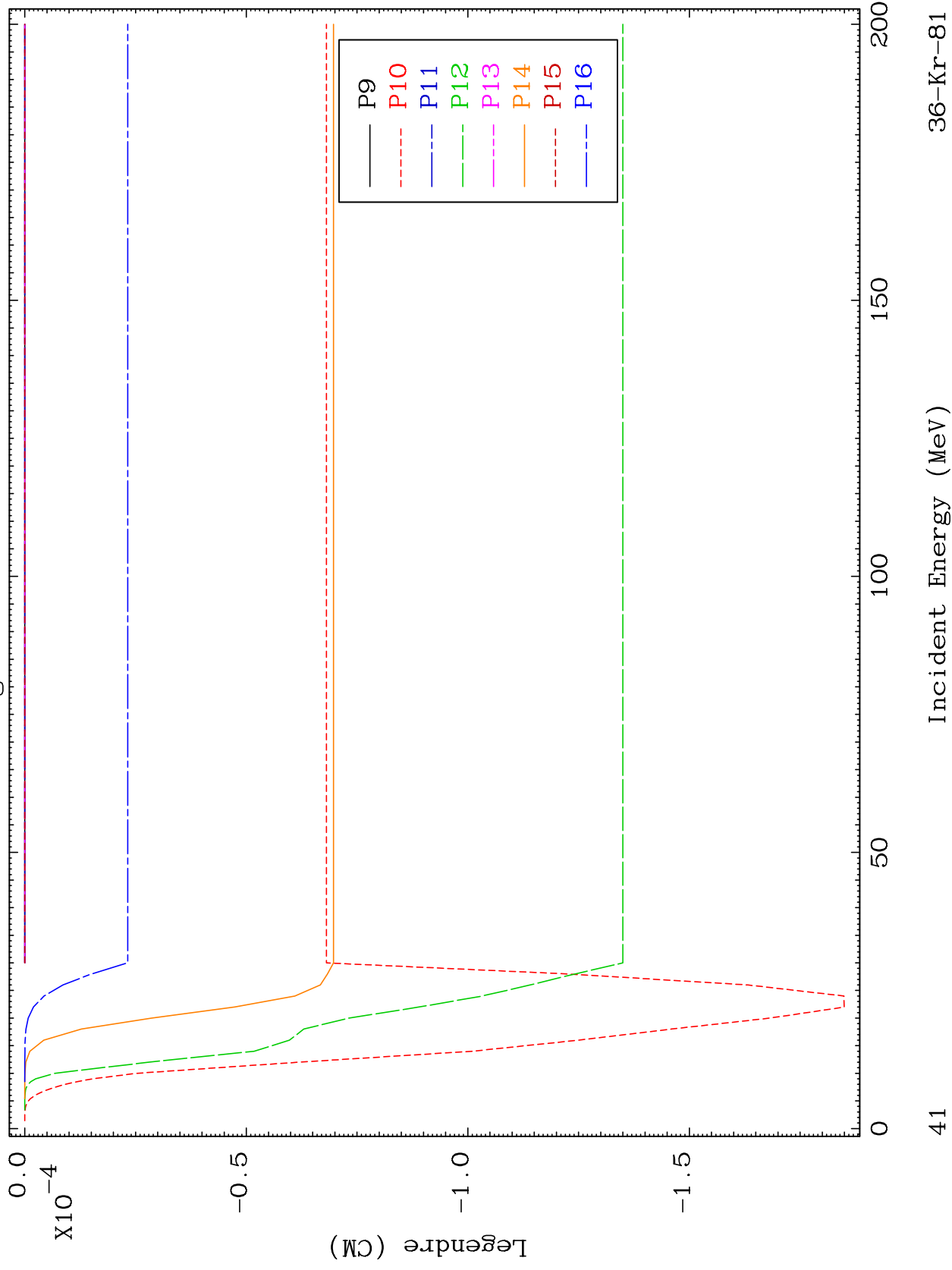




MAT 3634

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

36-Kr-81



41

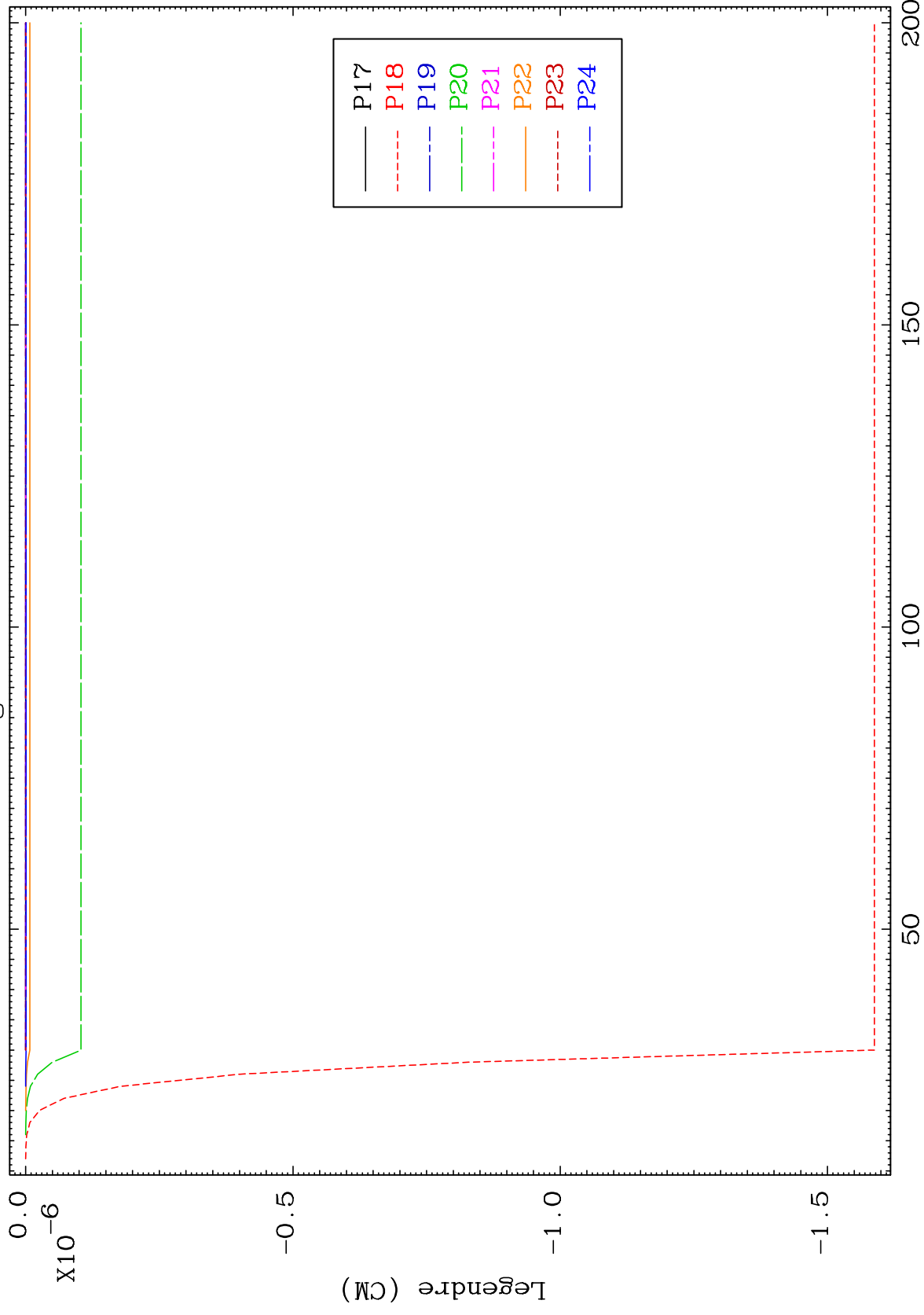
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



42

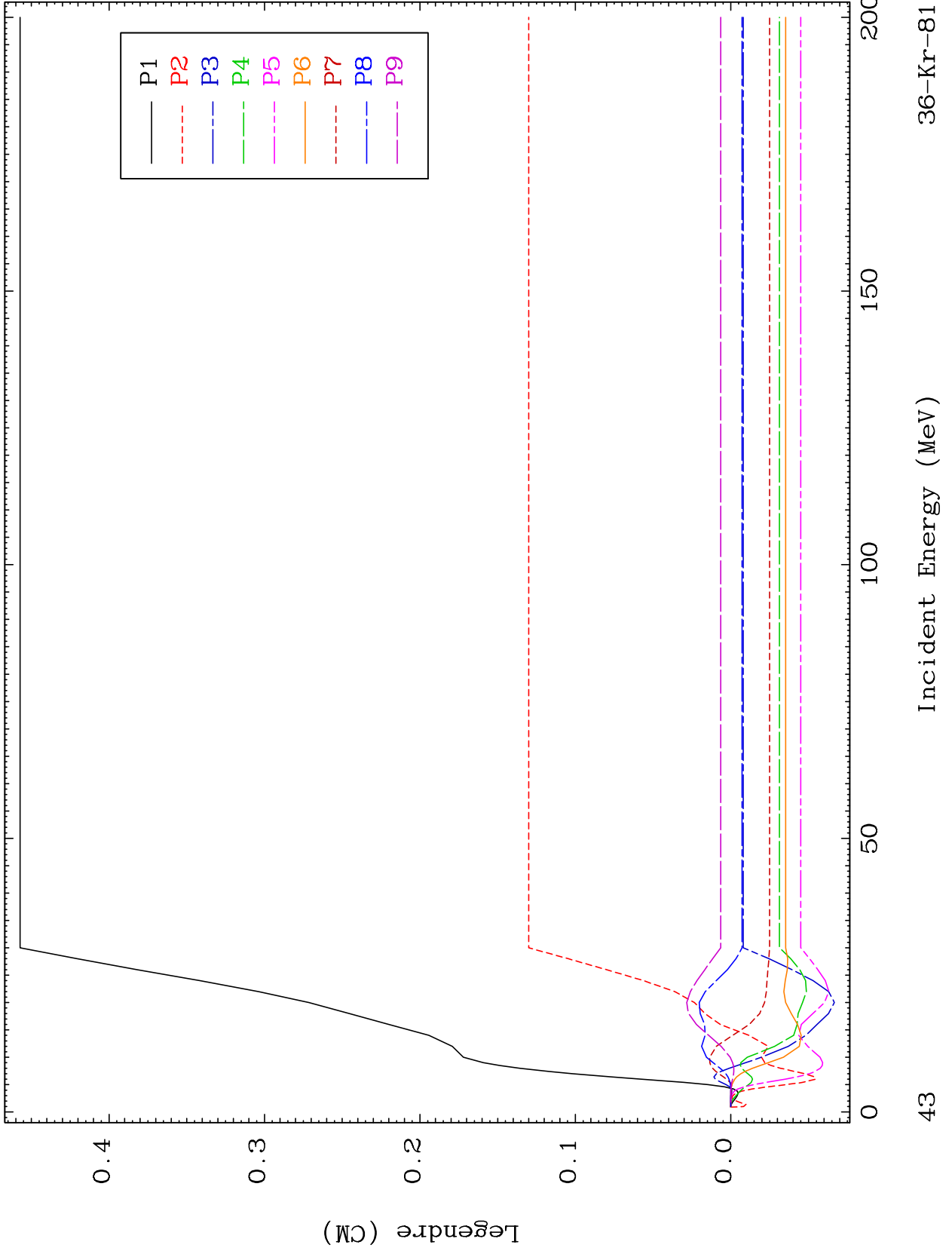
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



43

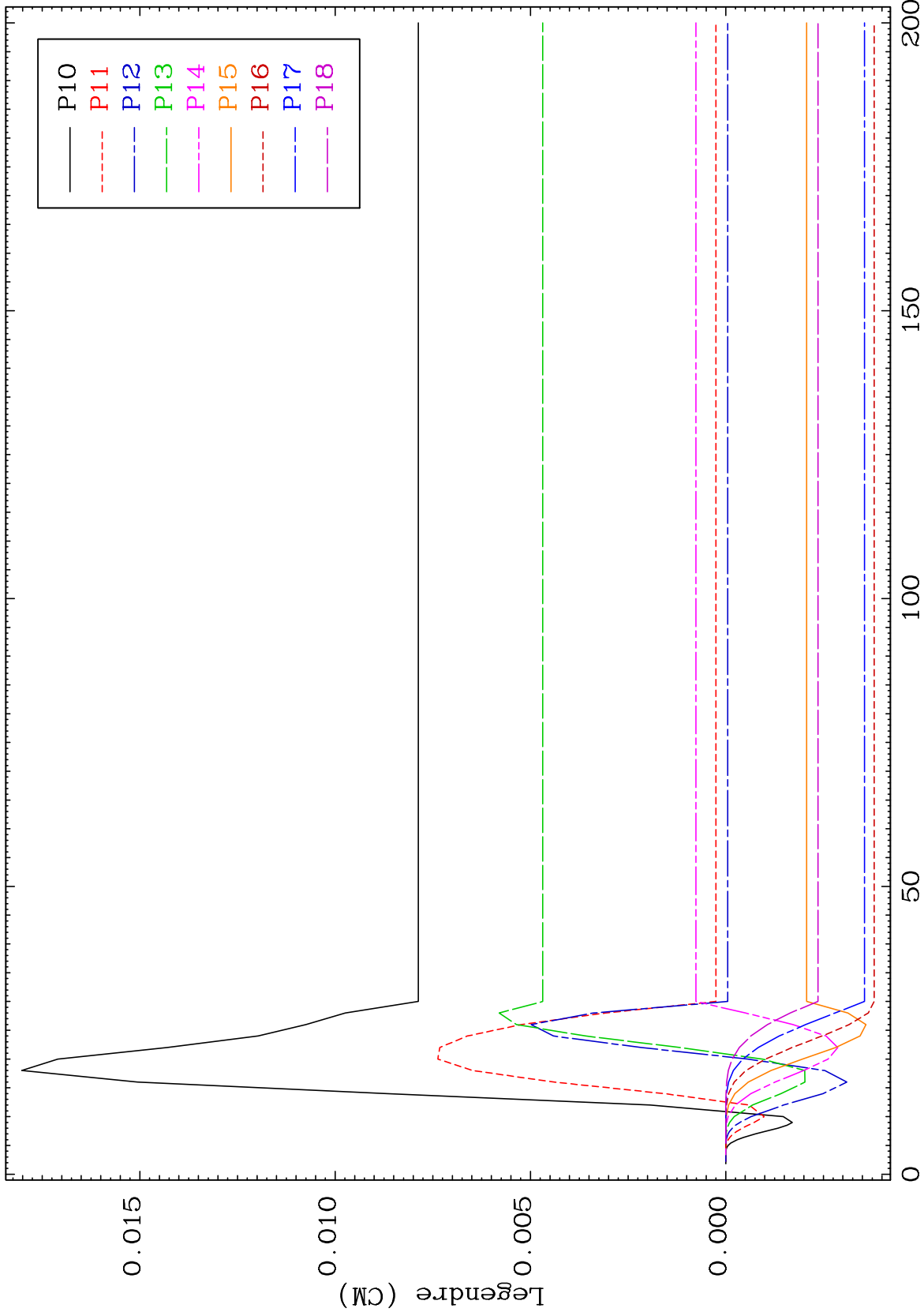
Incident Energy (MeV)

36-Kr-81

MAT 3634

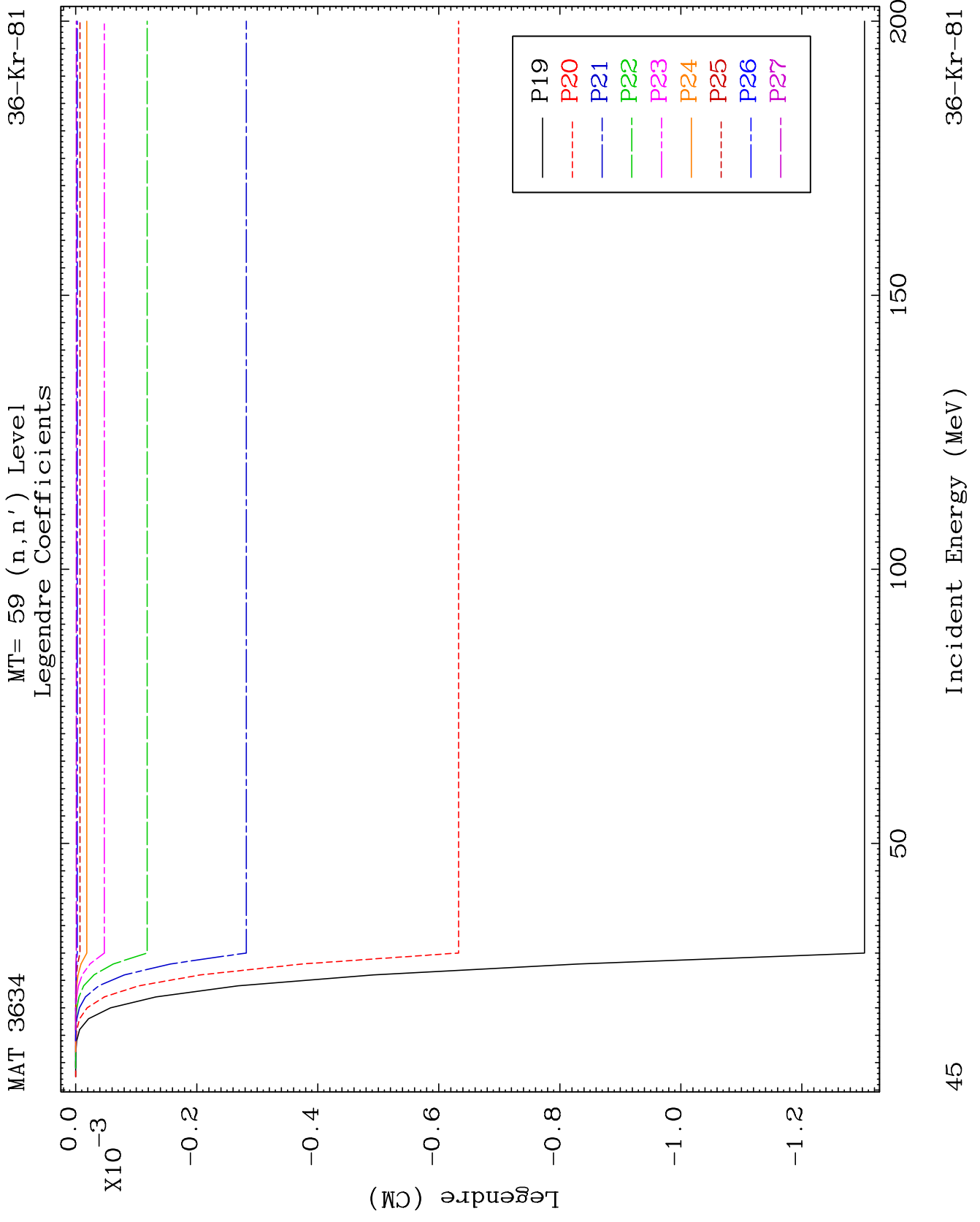
MT= 59 (n,n') Level  
Legendre Coefficients

36-Kr-81



44

36-Kr-81





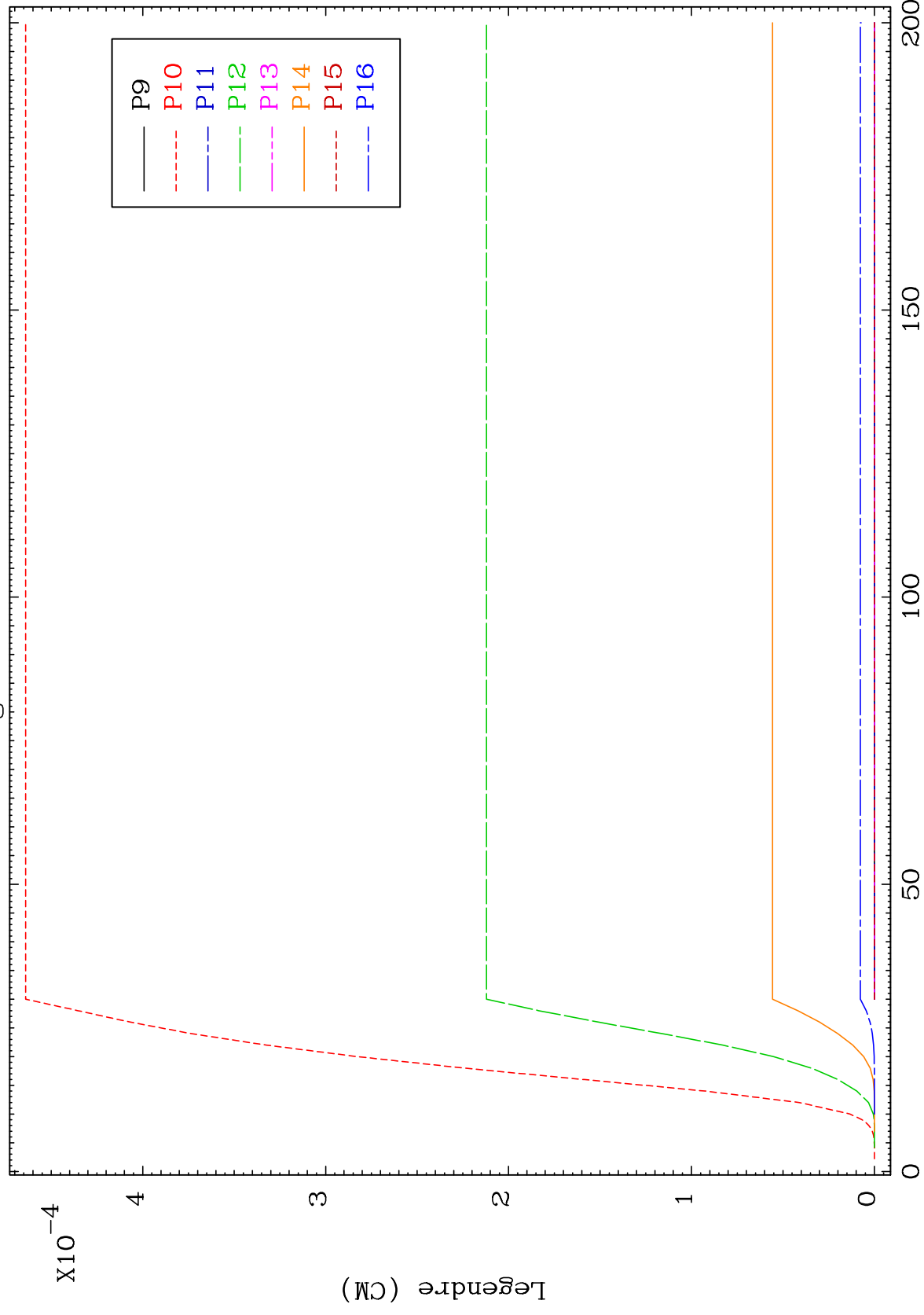




MAT 3634

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

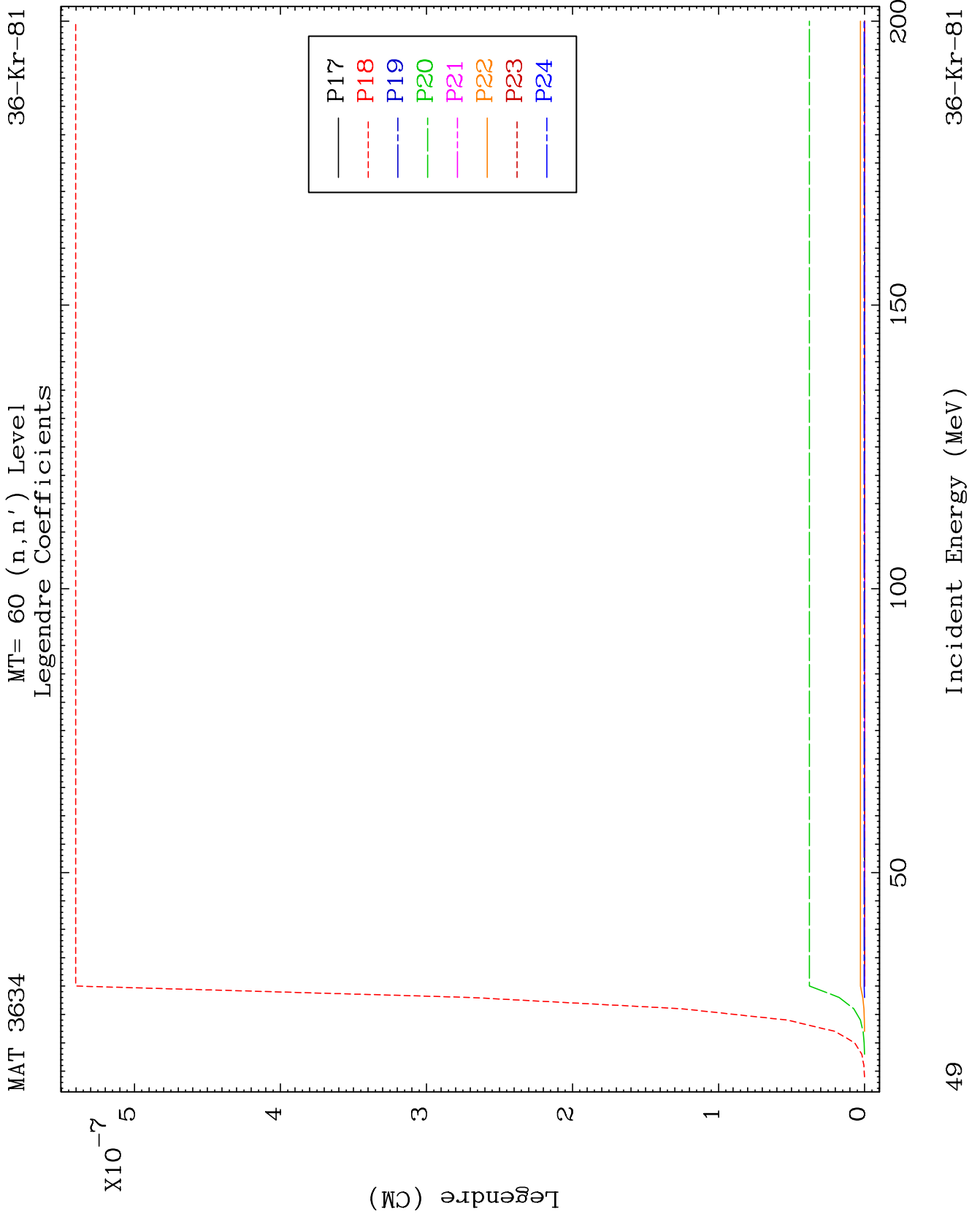
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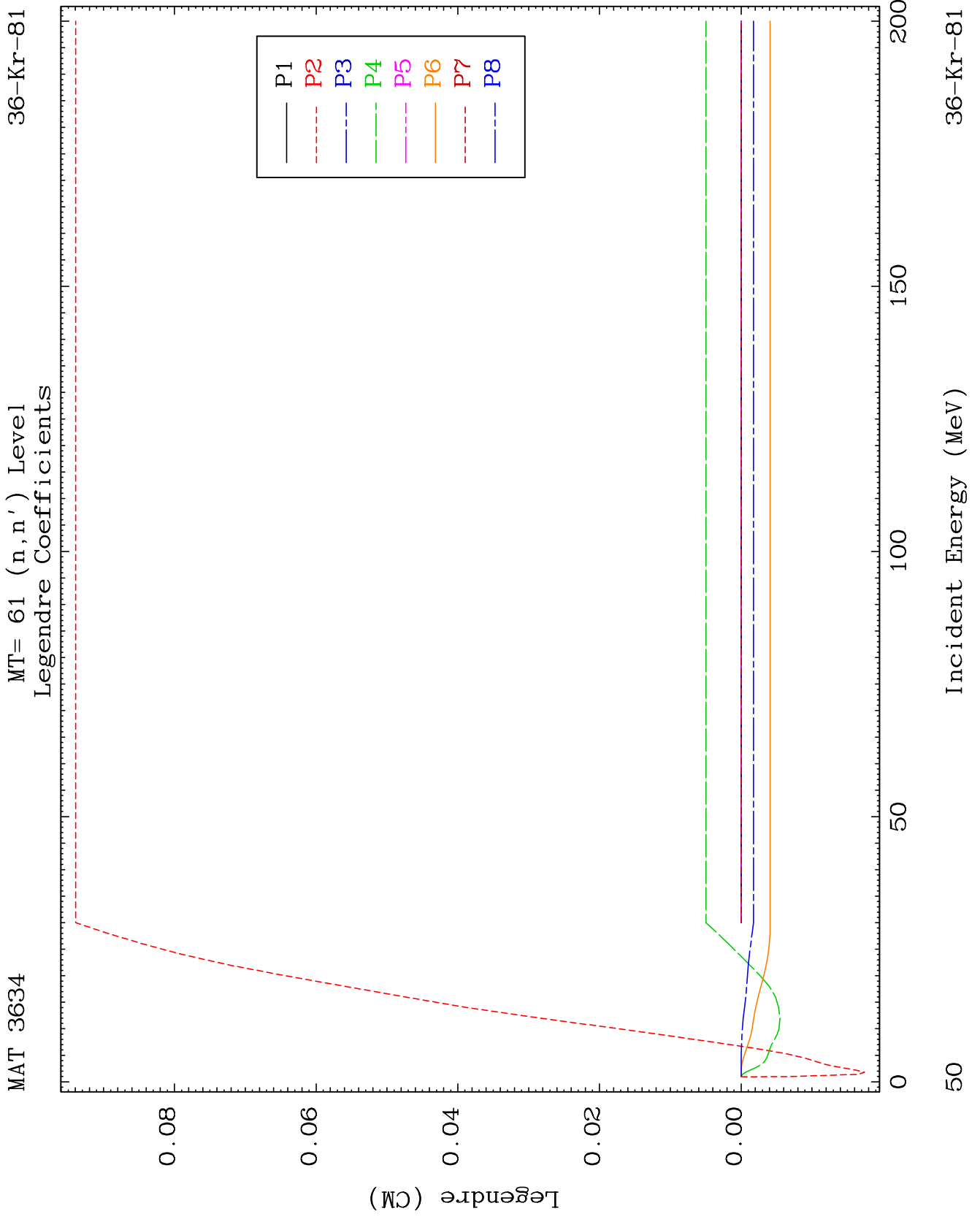


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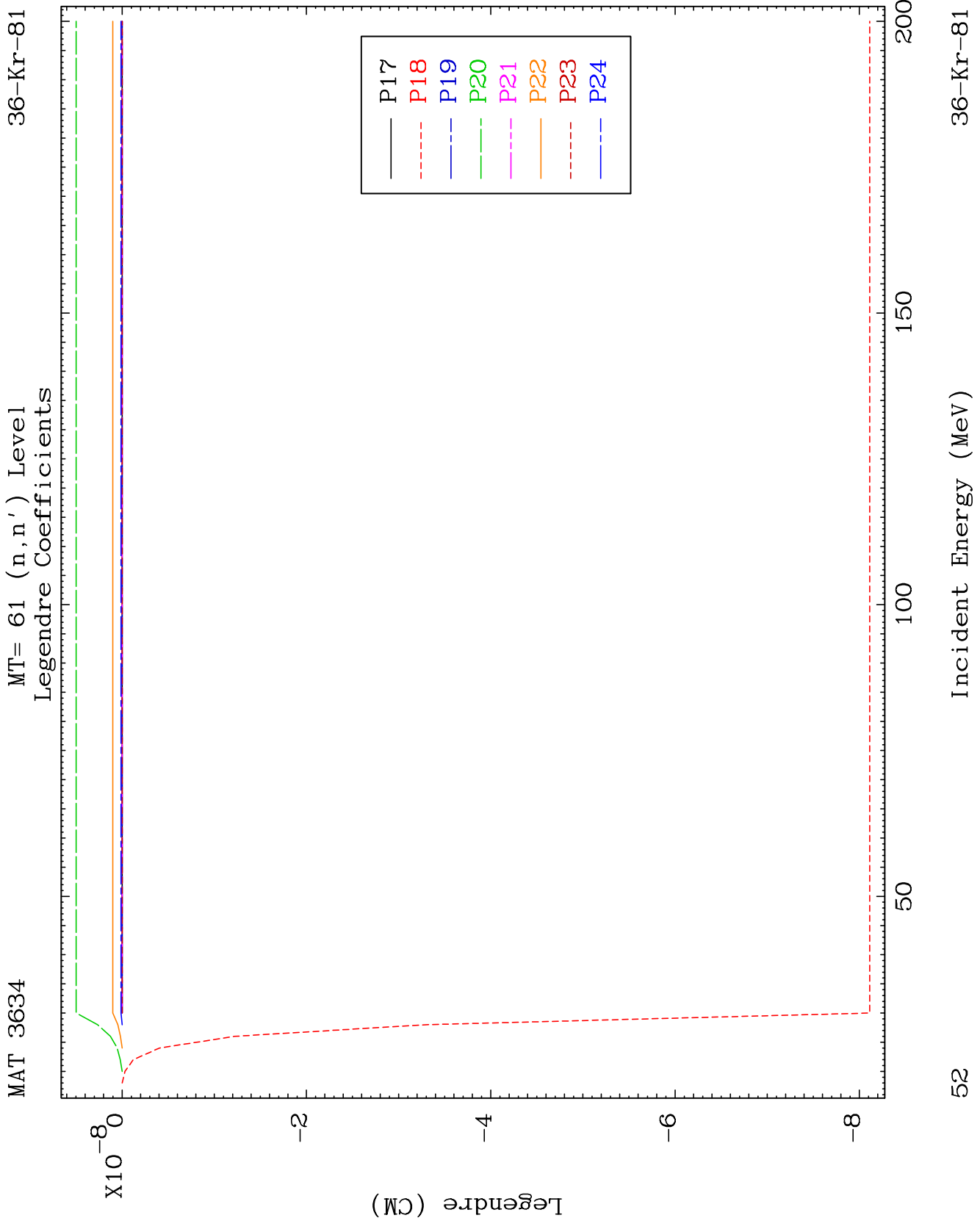
Incident Energy (MeV)

36-Kr-81





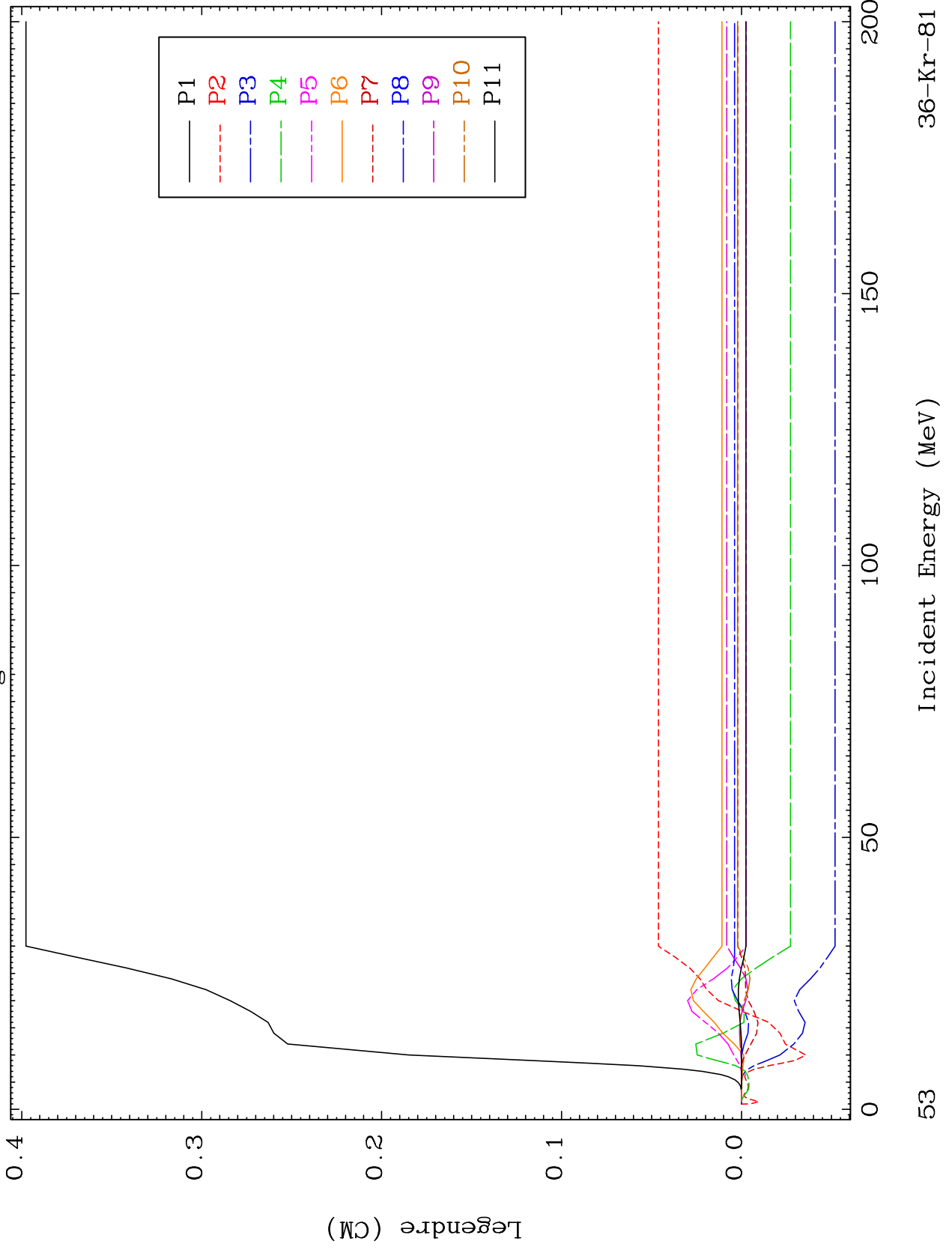




MAT 3634

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

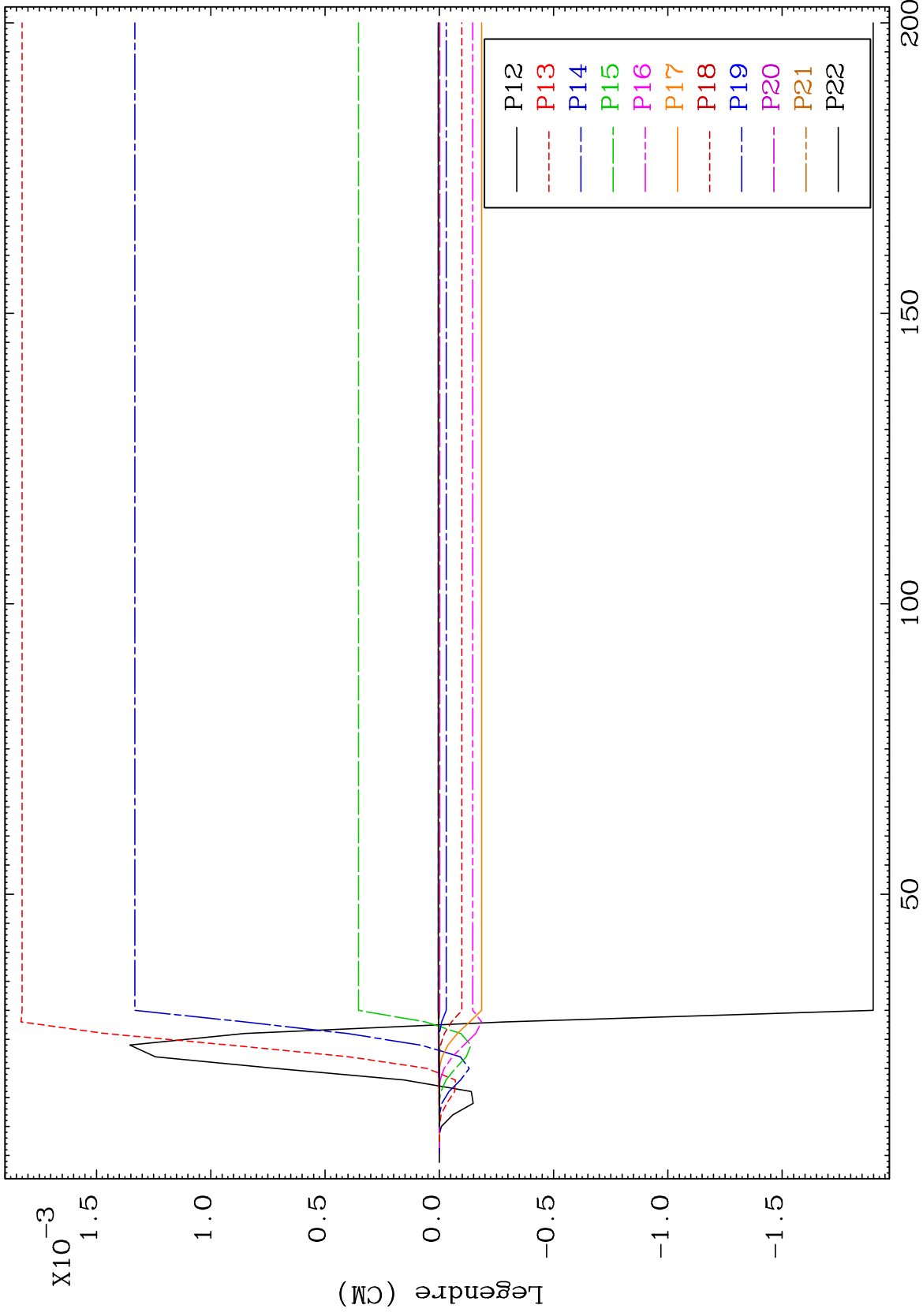
36-Kr-81



53

Incident Energy (MeV)

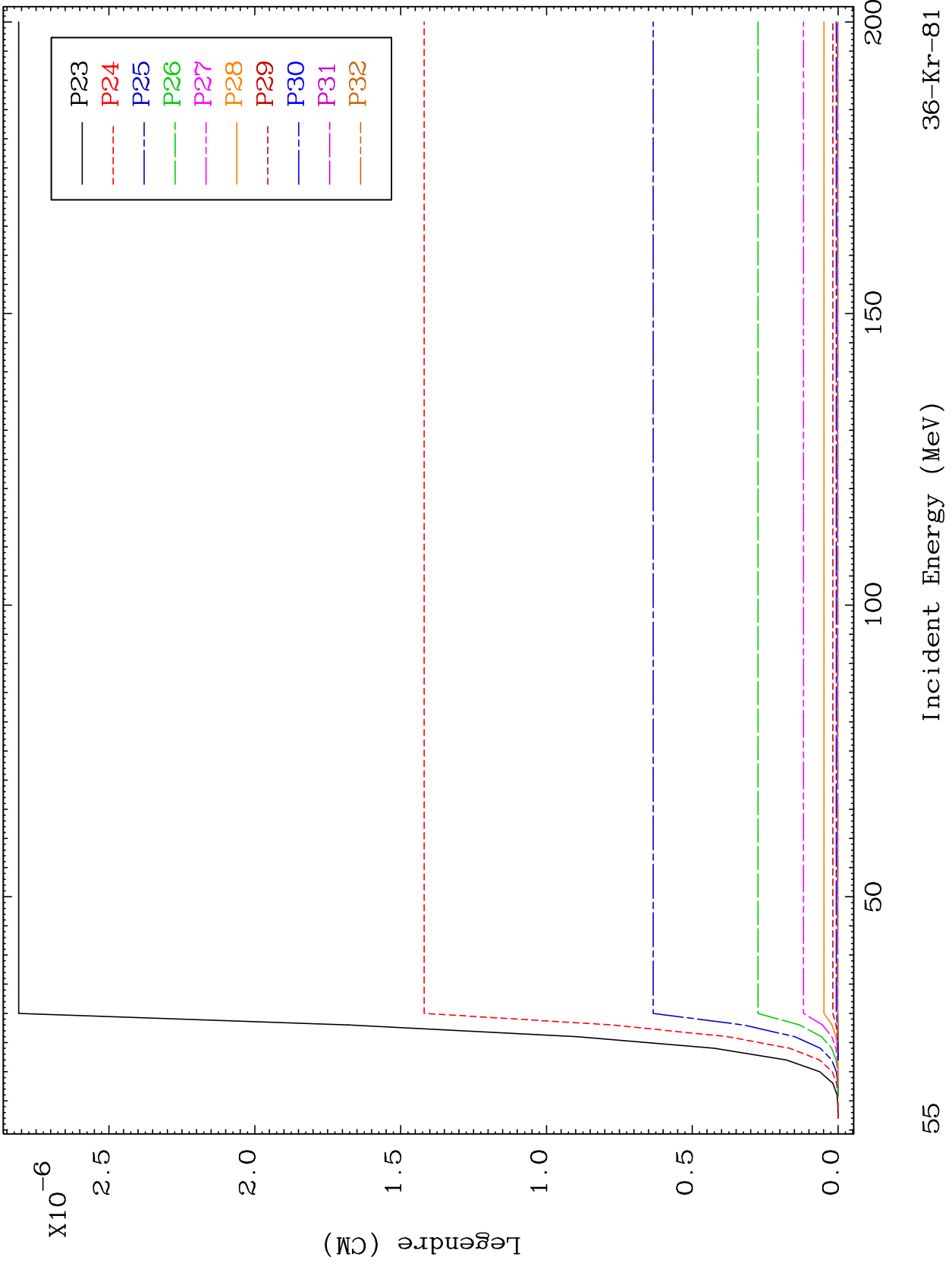
36-Kr-81



MAT 3634

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

36-Kr-81



55

Incident Energy (MeV)

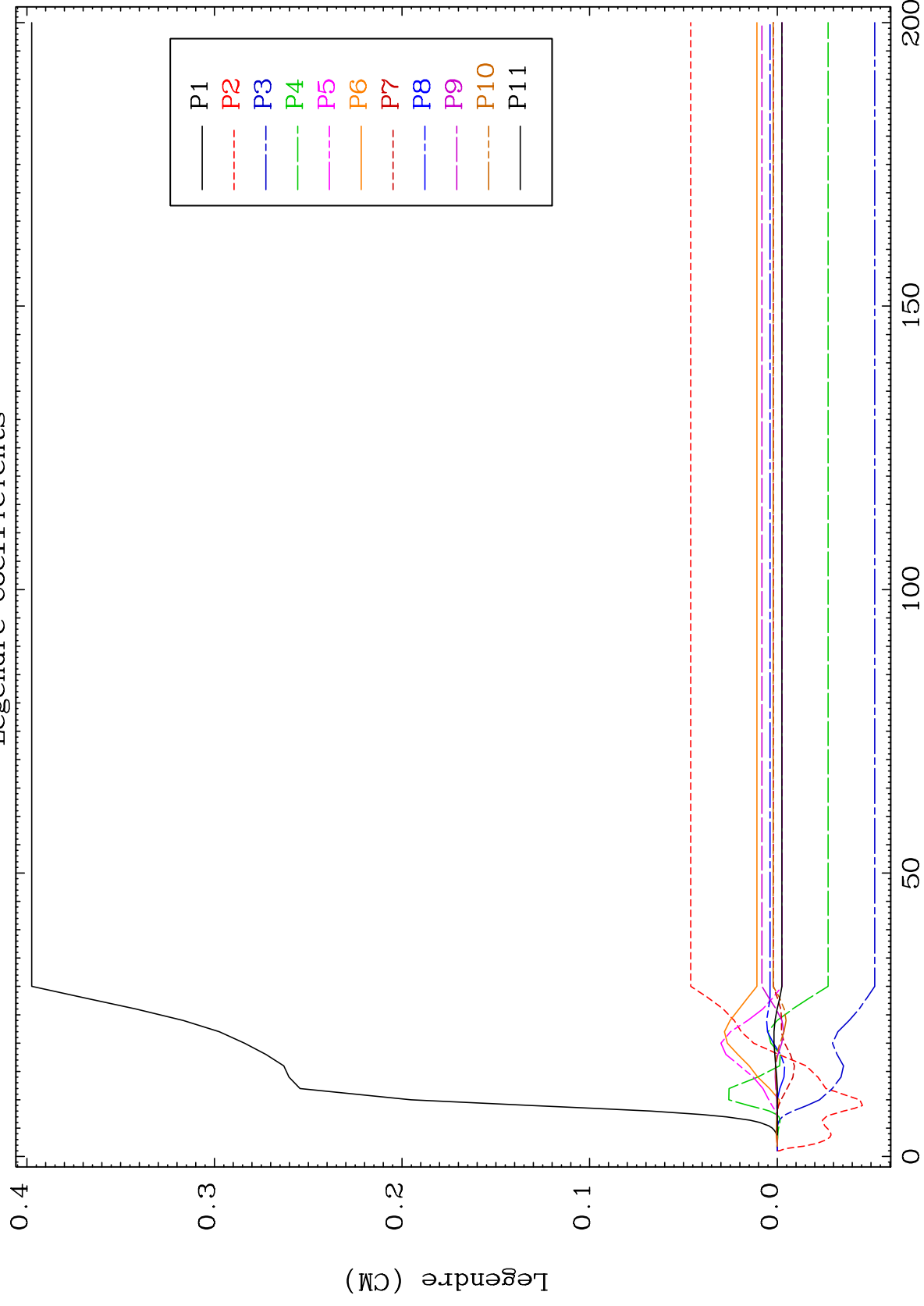
36-Kr-81



MAT 3634

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

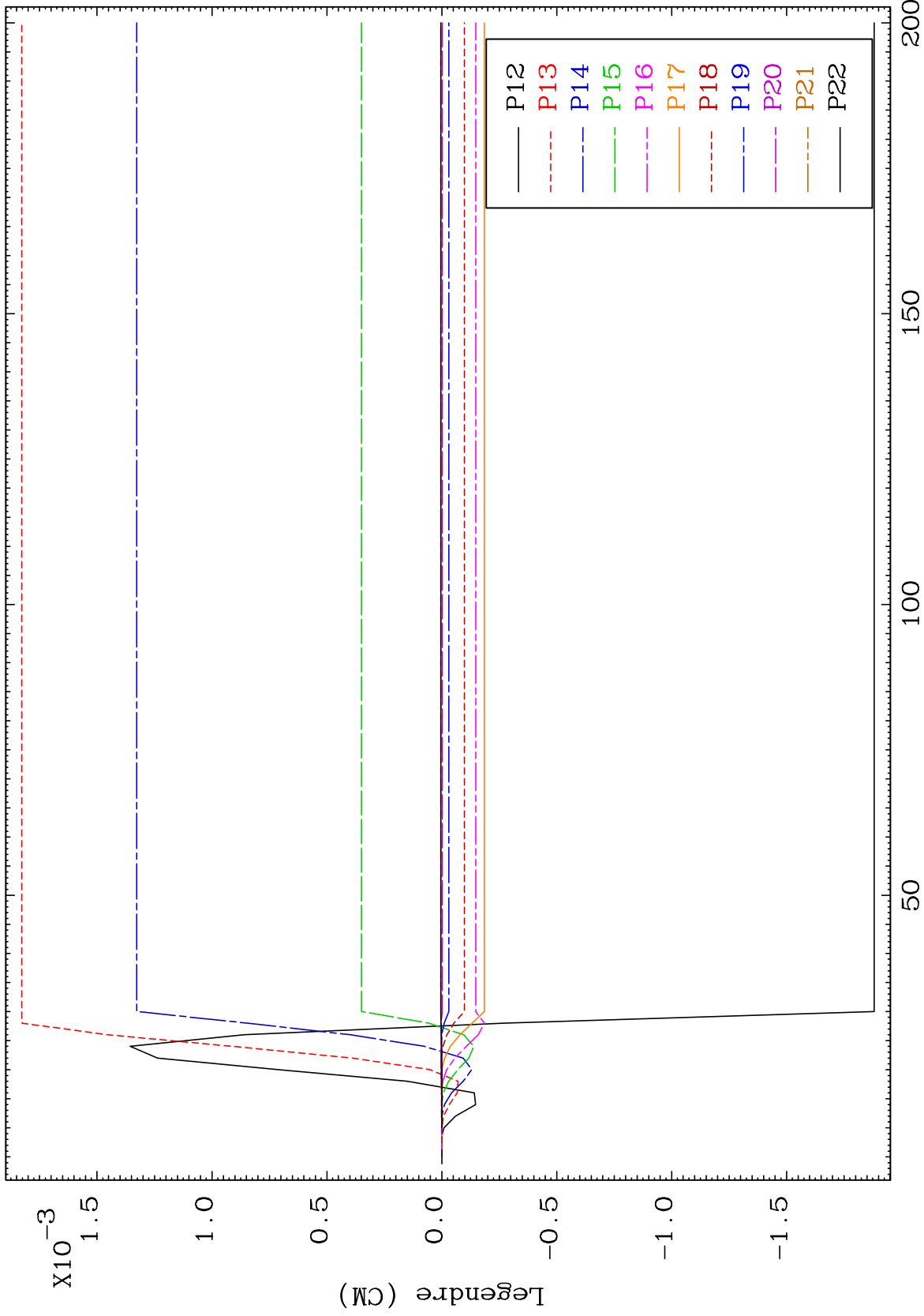
36-Kr-81



56

Incident Energy (MeV)

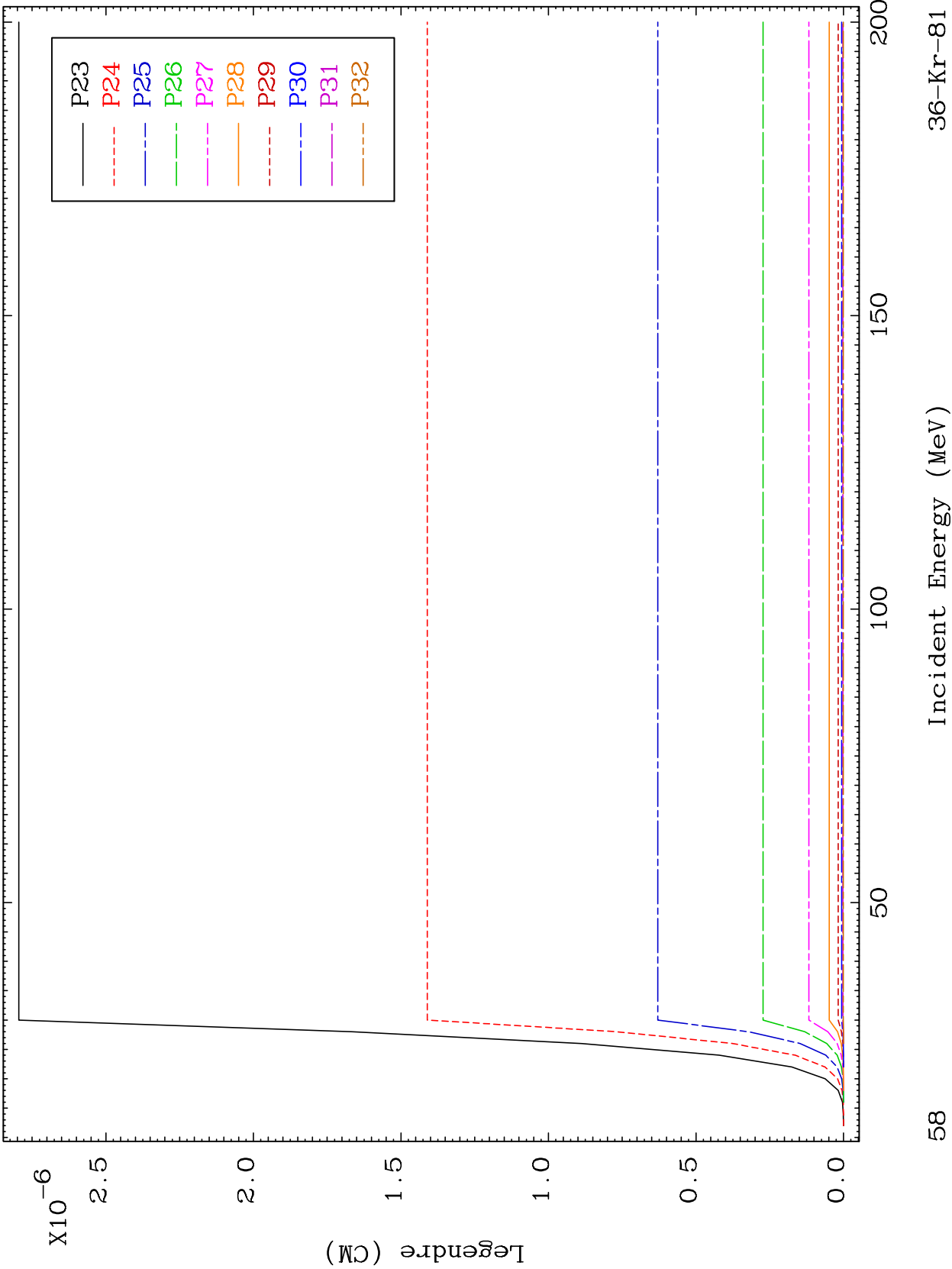
36-Kr-81



MAT 3634

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

36-Kr-81



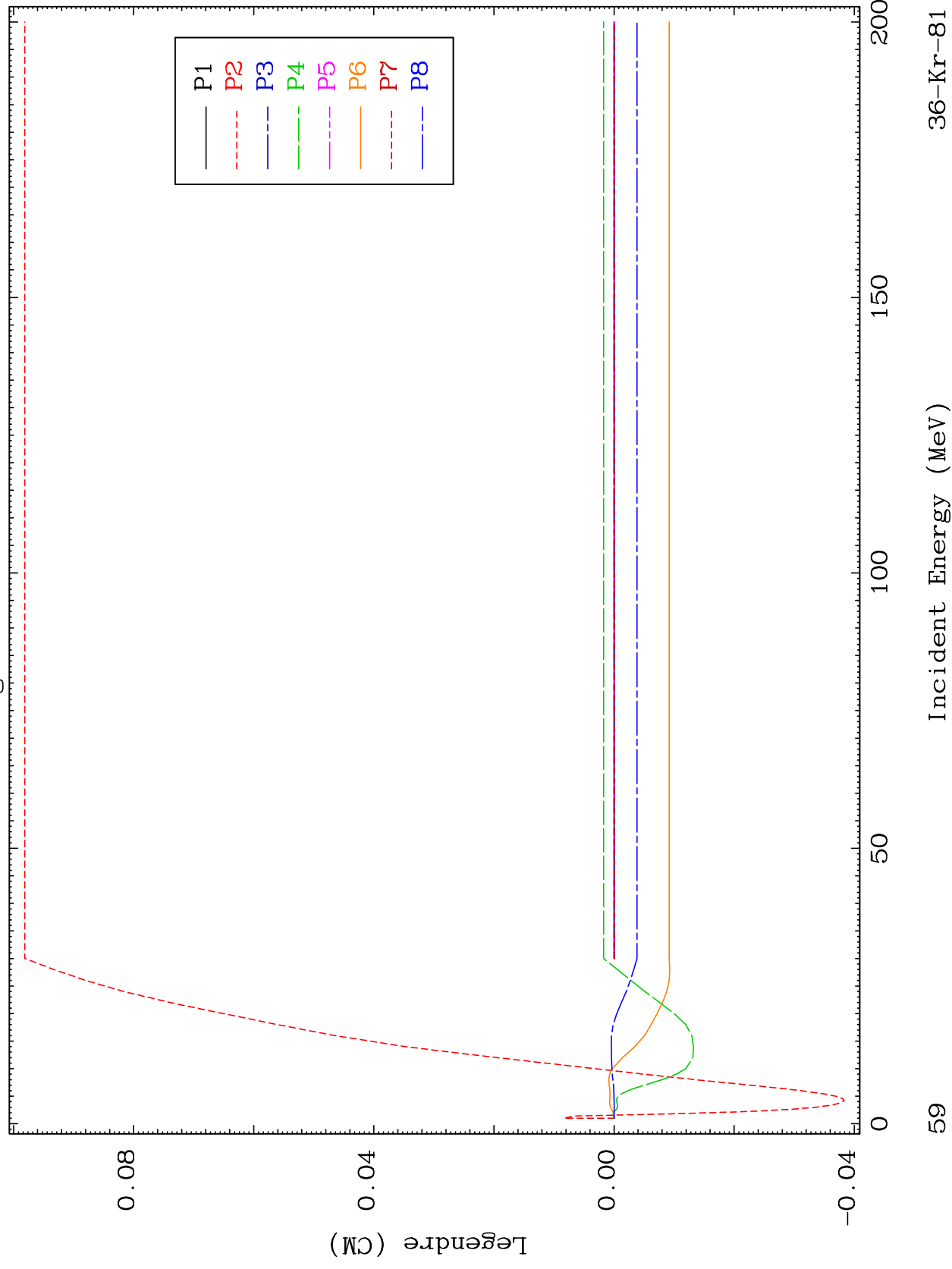
58

36-Kr-81

MAT 3634

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

36-Kr-81



59

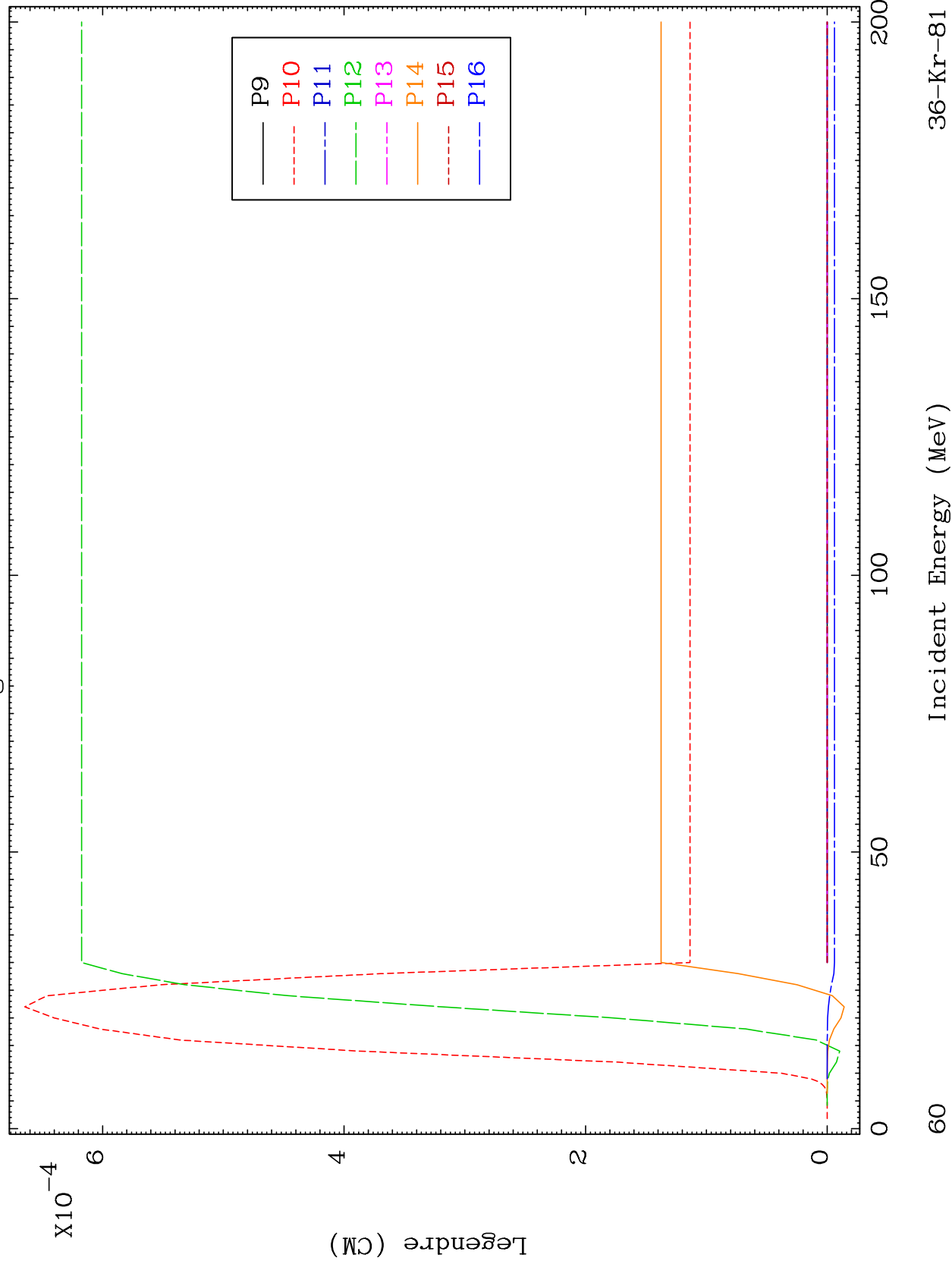
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



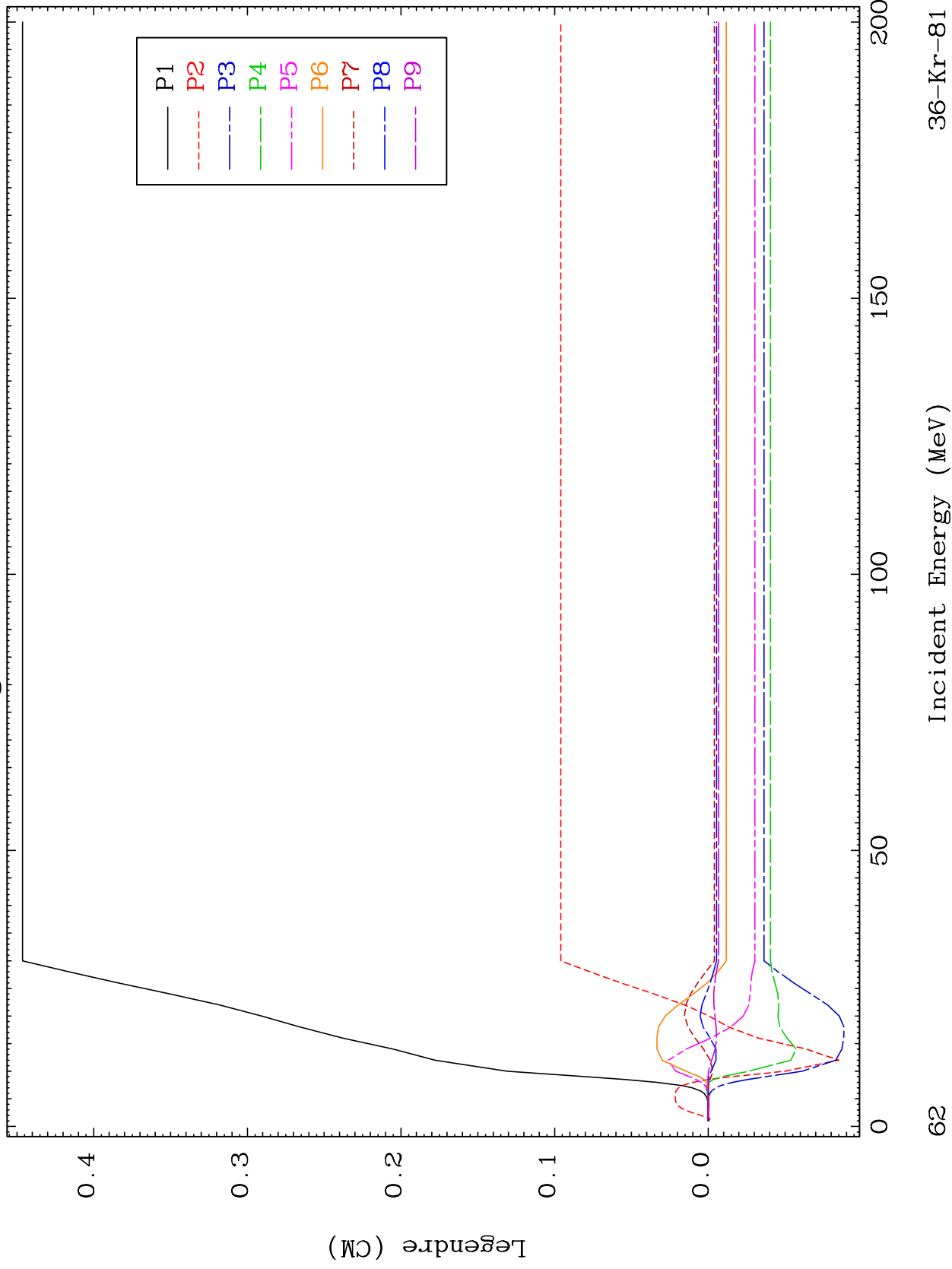
36-Kr-81



MAT 3634

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

36-Kr-81



36-Kr-81

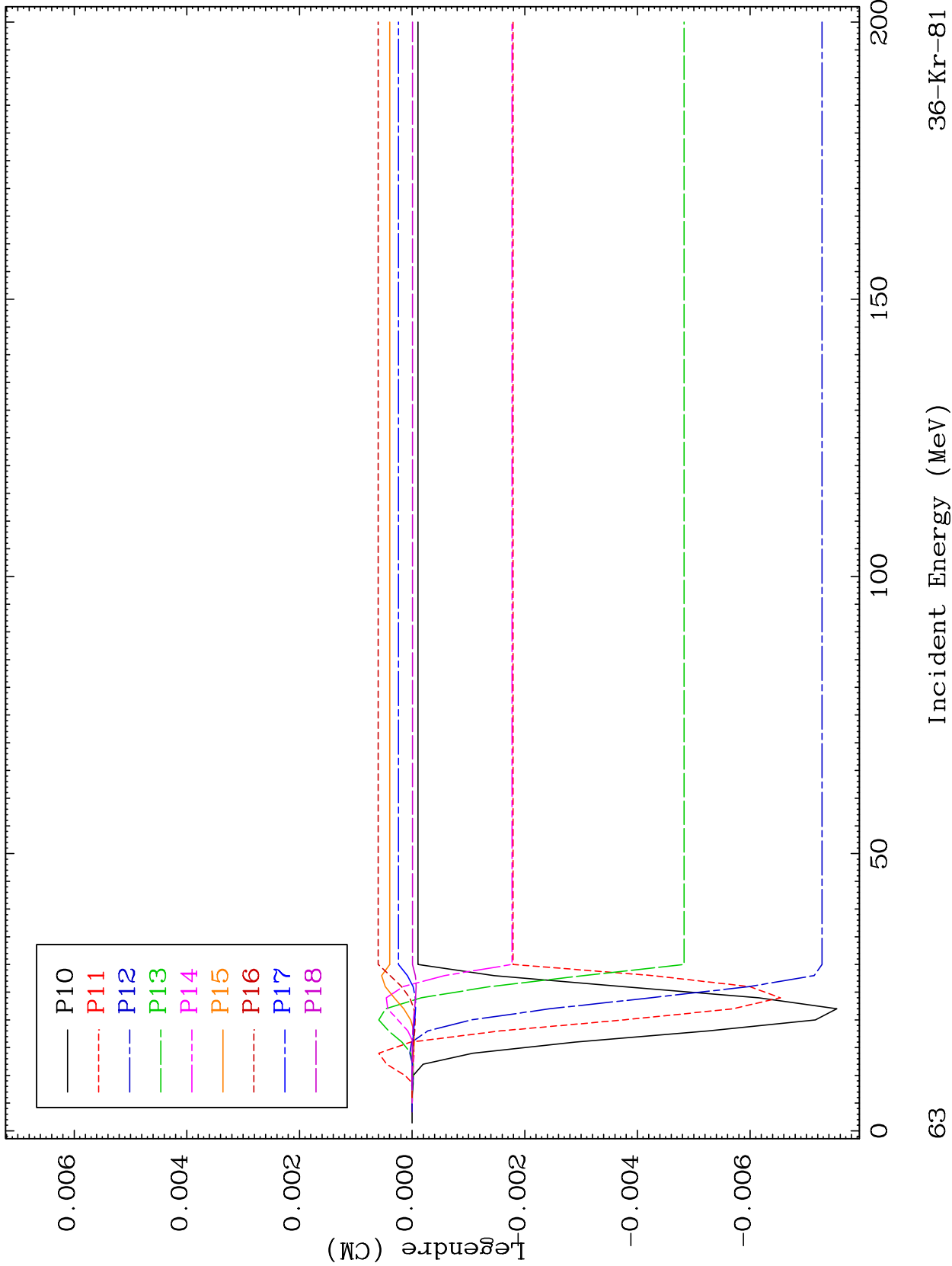
Incident Energy (MeV)

62

MAT 3634

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

36-Kr-81



63

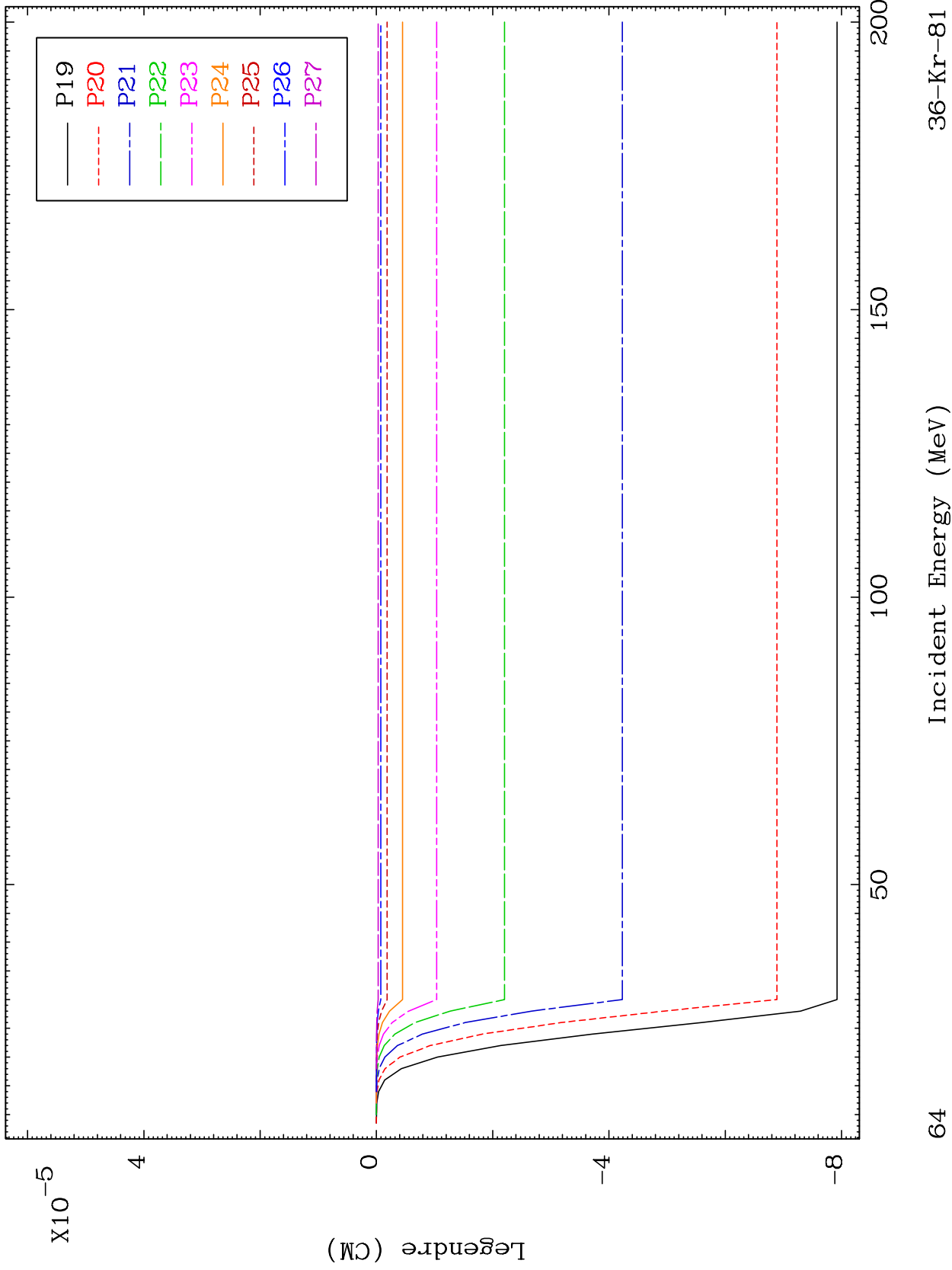
36-Kr-81

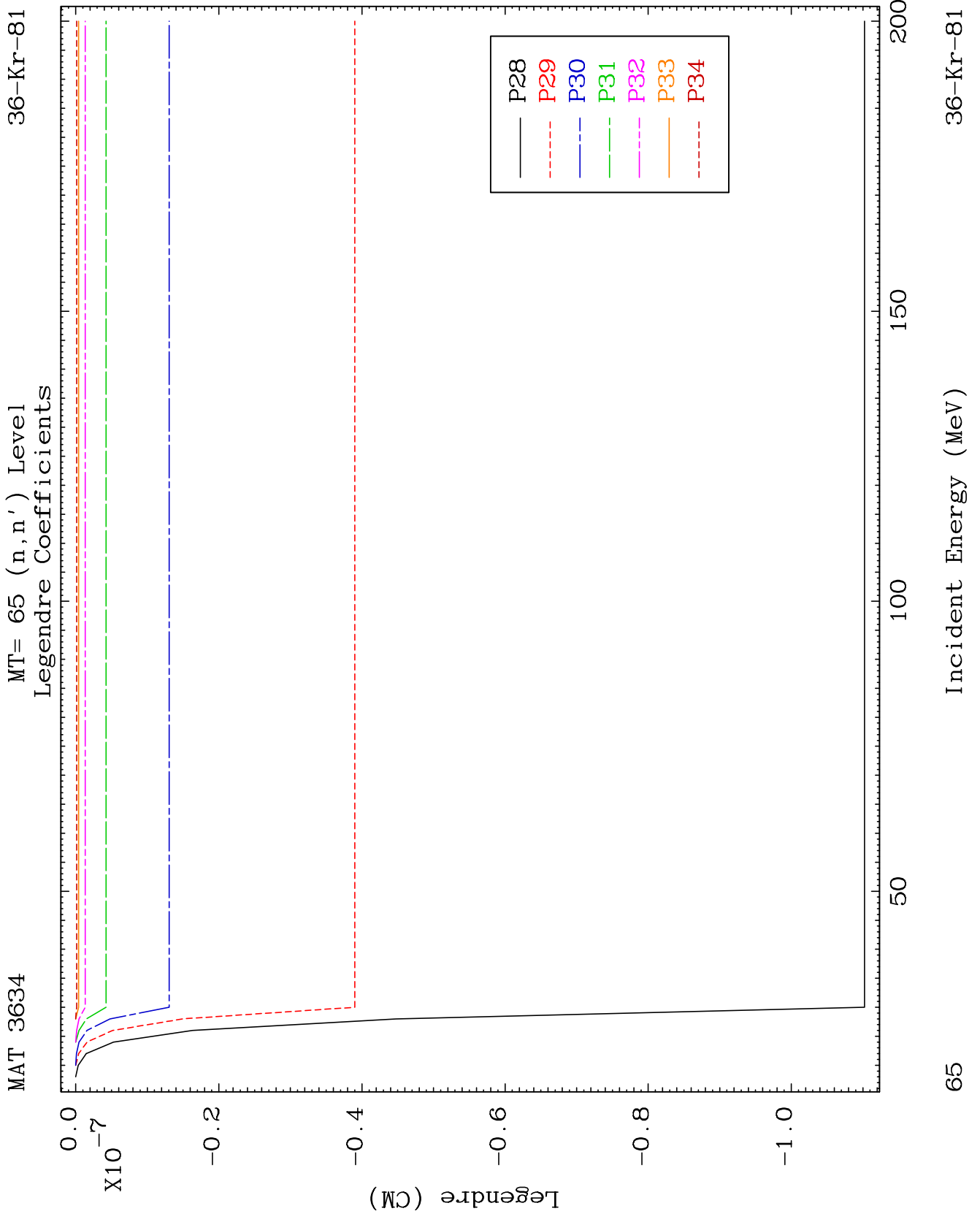


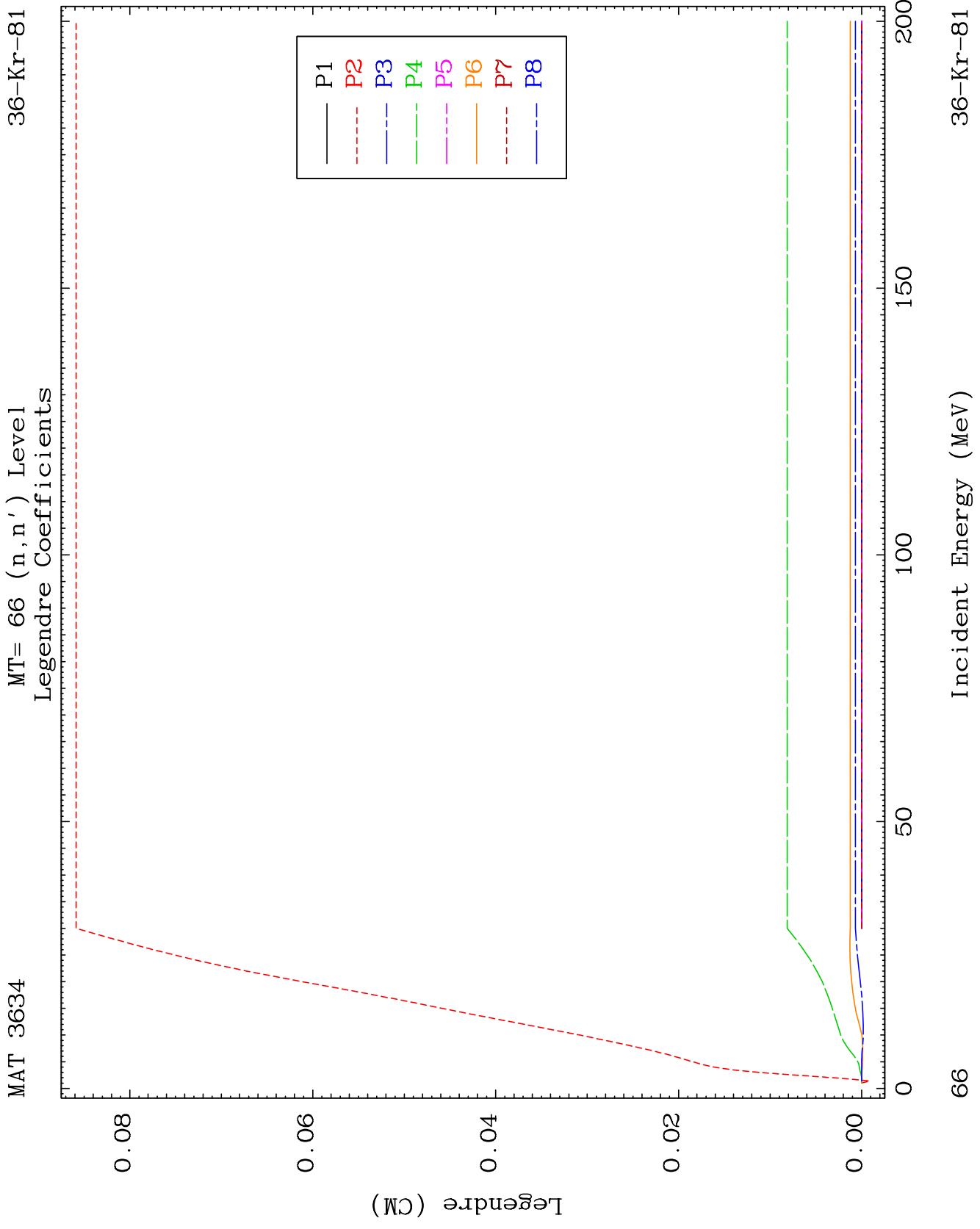
MAT 3634

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

36-Kr-81



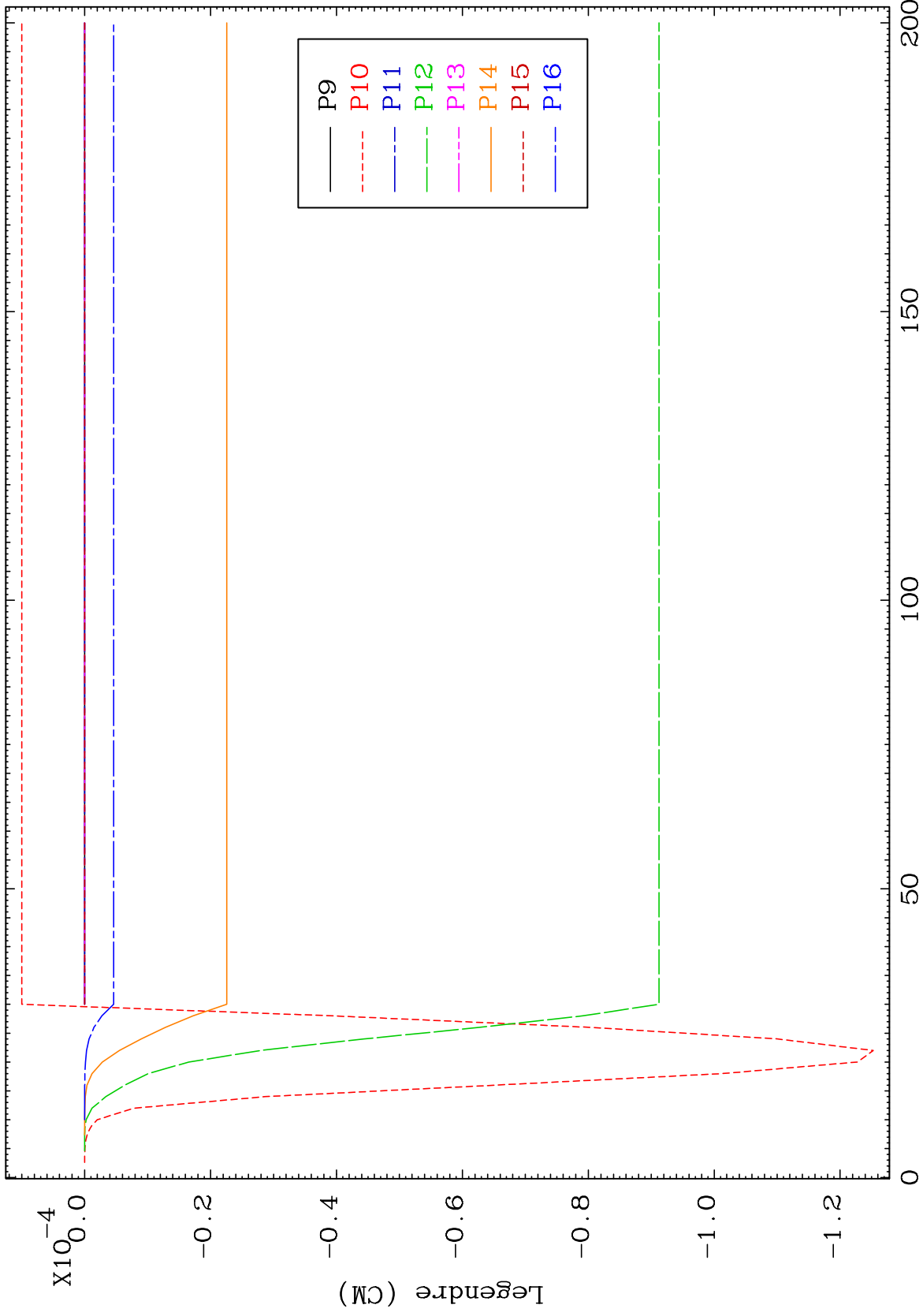




MAT 3634

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

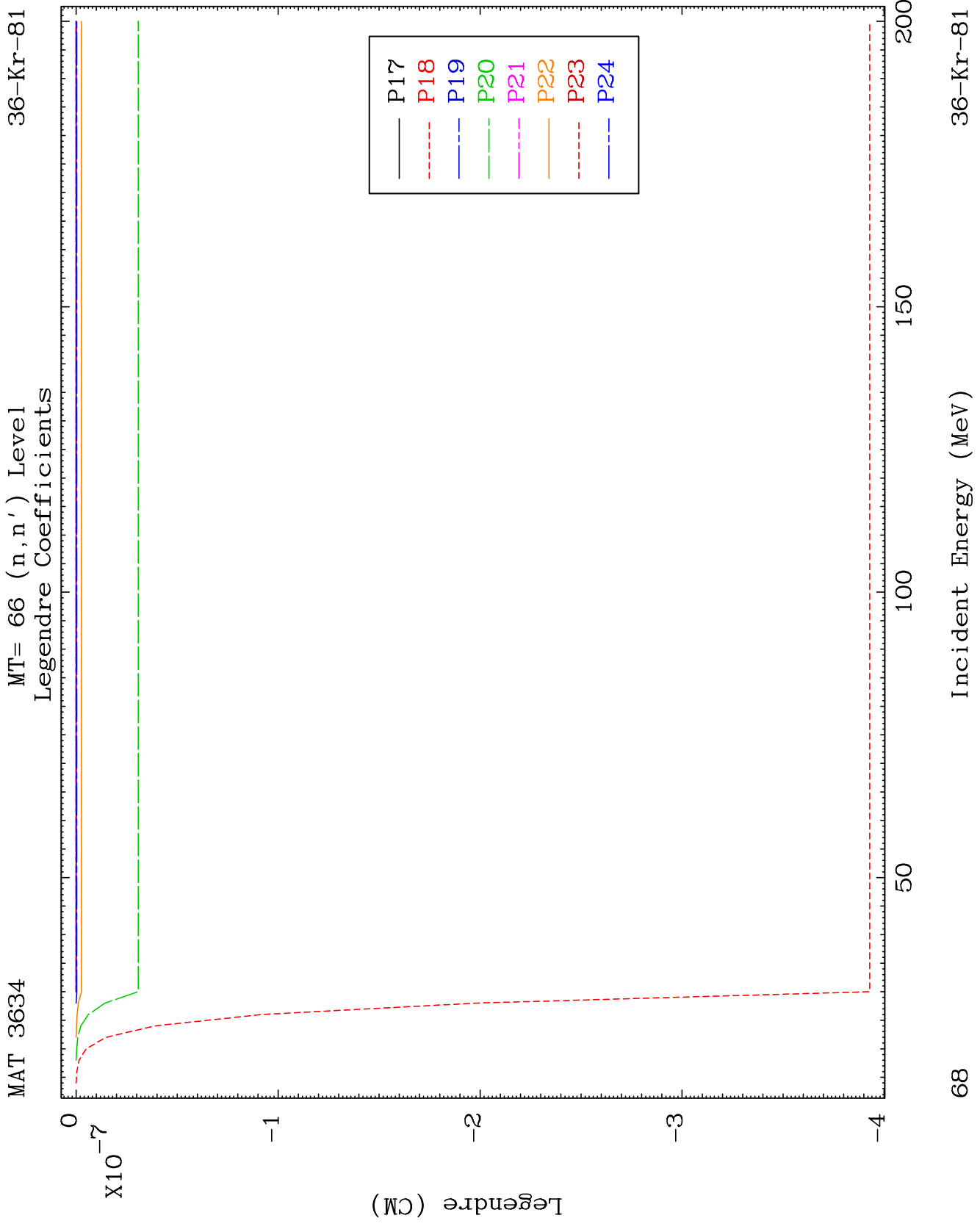
36-Kr-81



67

Incident Energy (MeV)

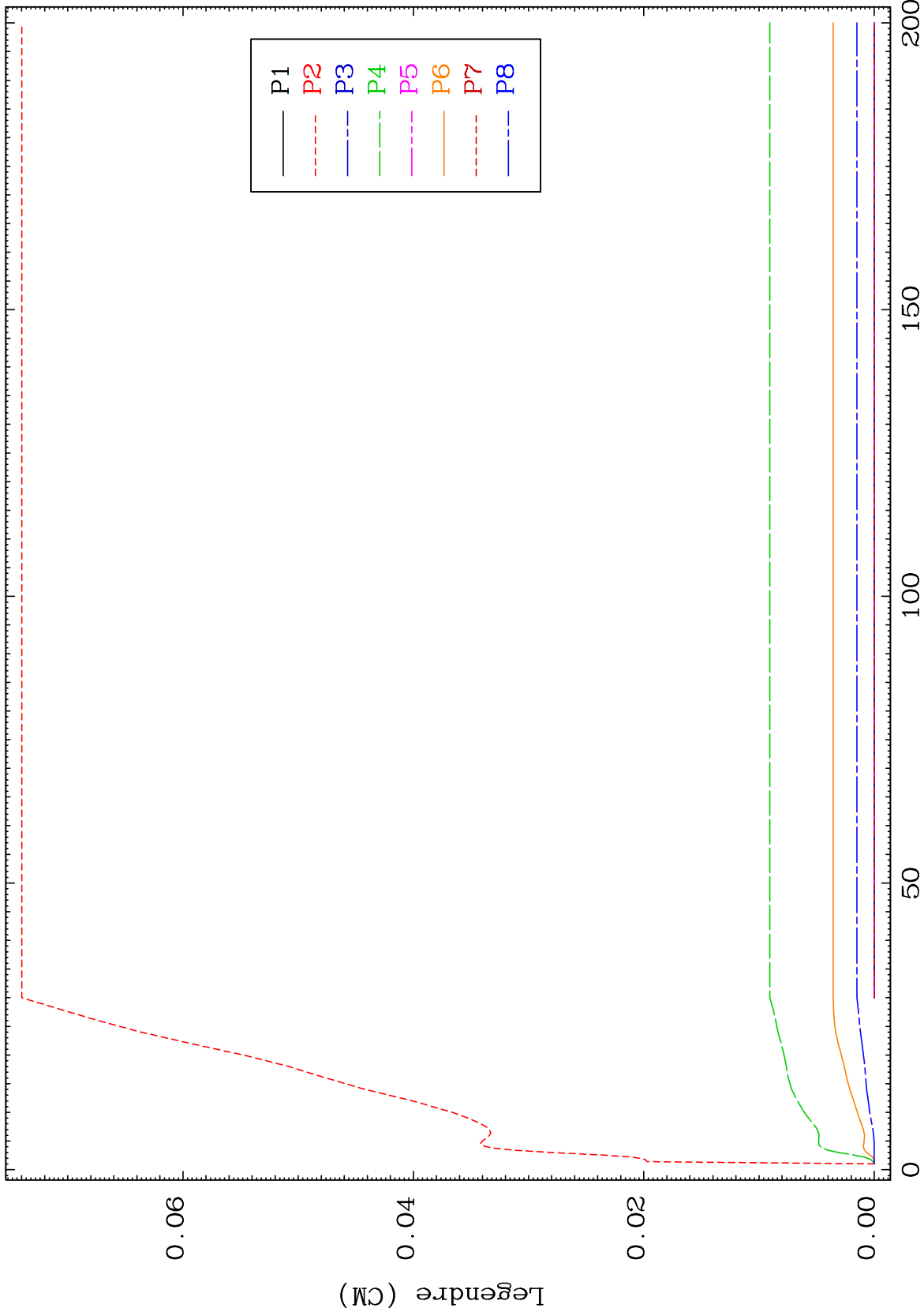
36-Kr-81



MAT 3634

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

36-Kr-81



69

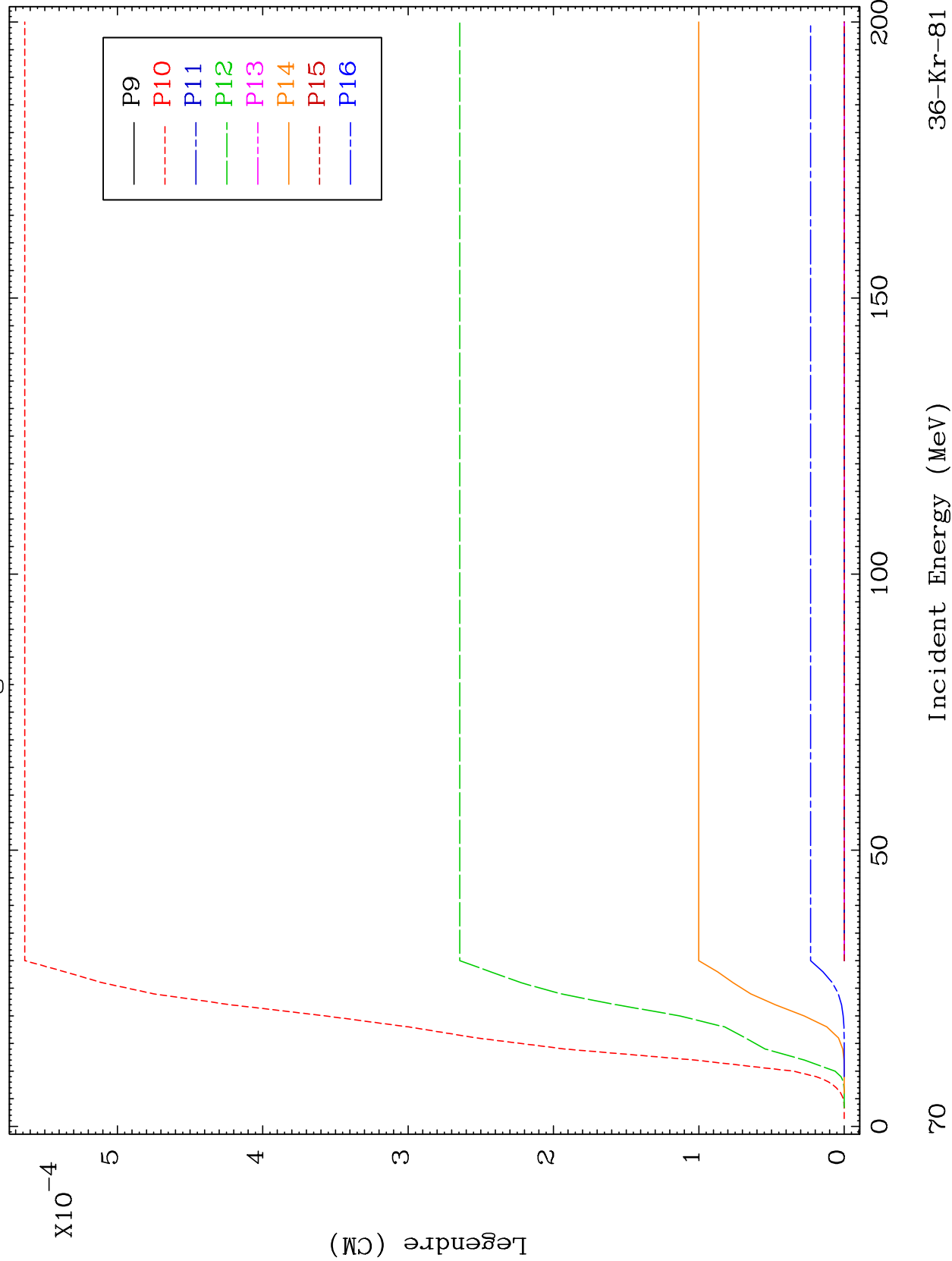
Incident Energy (MeV)

36-Kr-81

MAT 3634

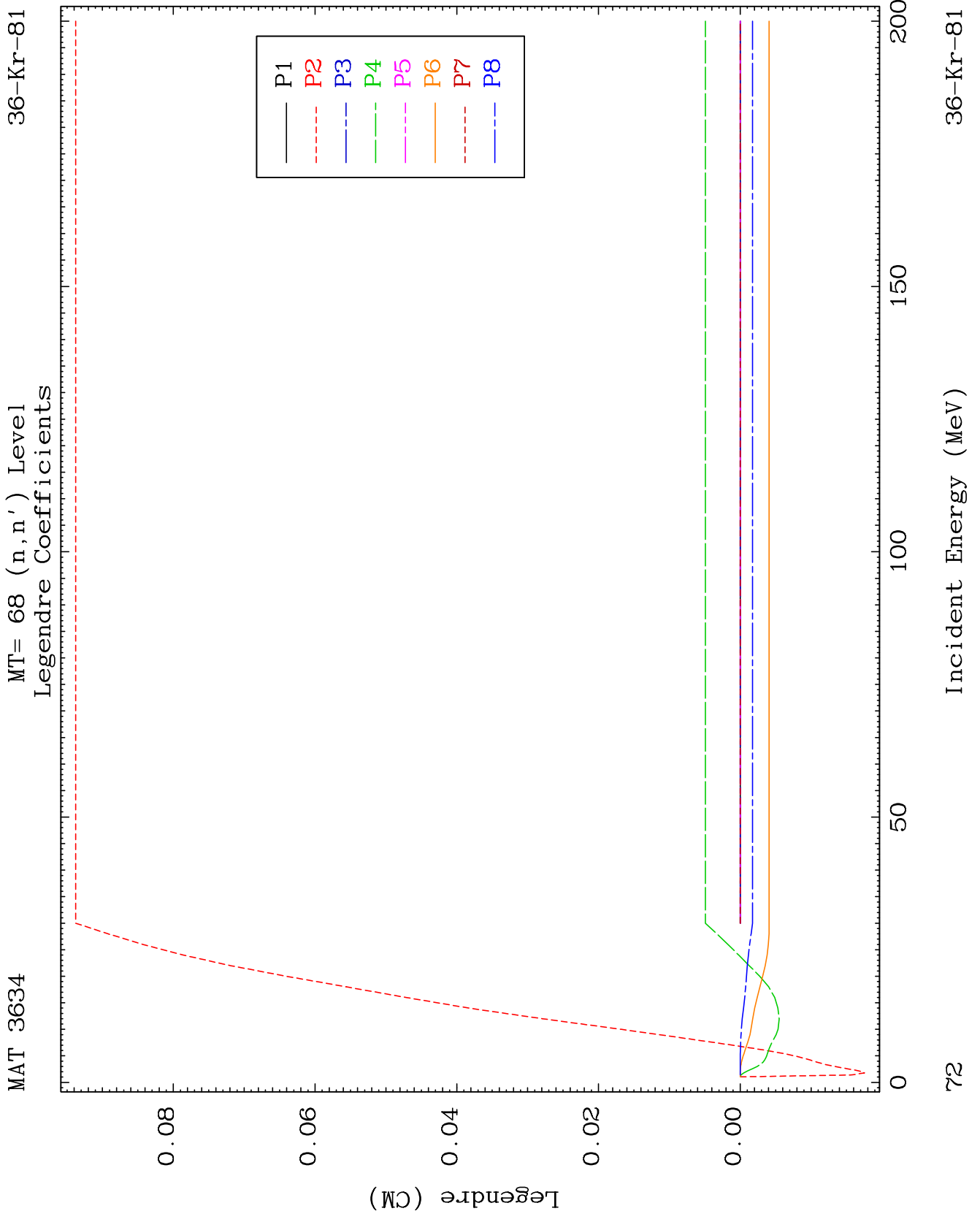
MT= 67 (n,n') Level  
Legendre Coefficients

36-Kr-81





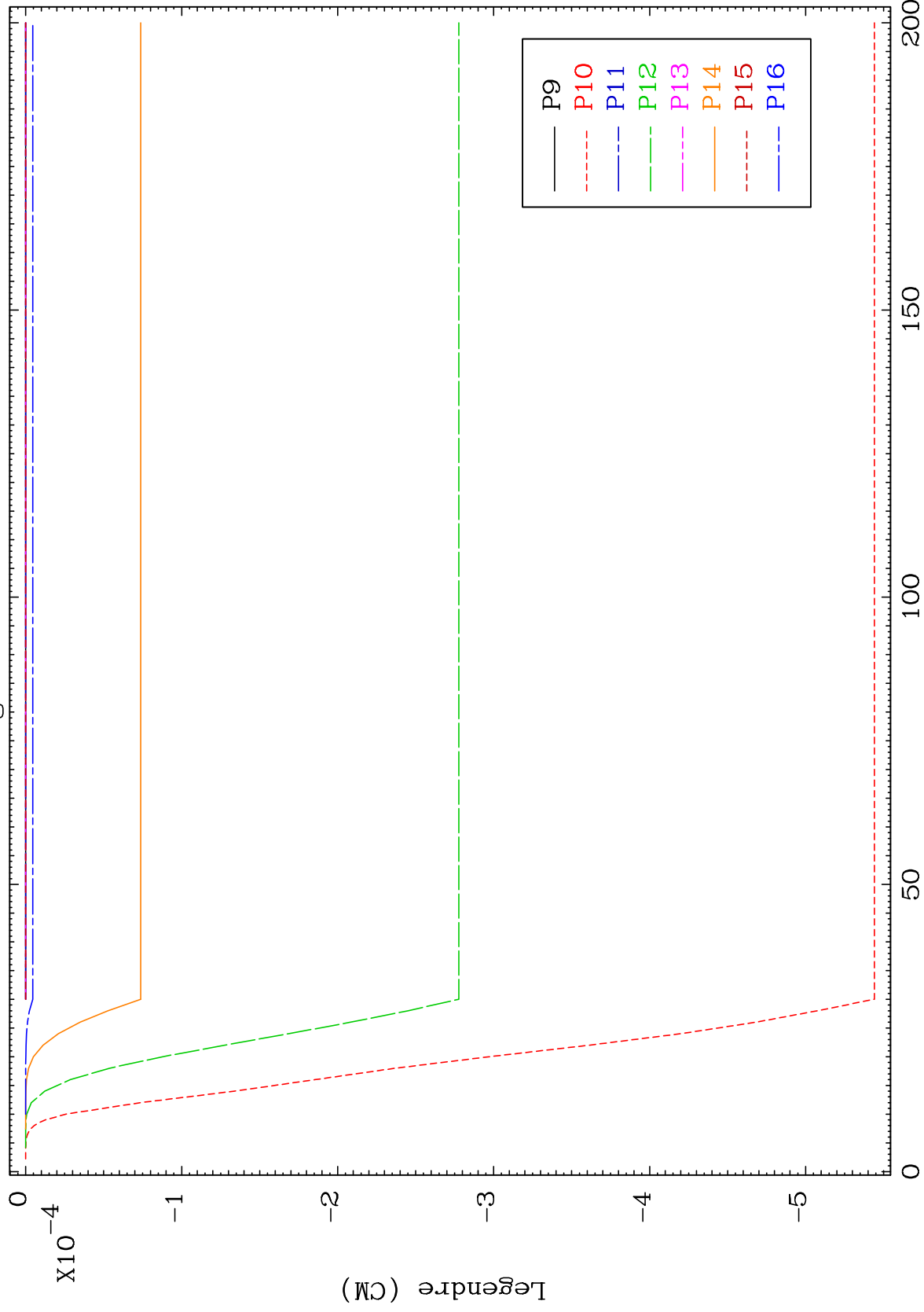




MAT 3634

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

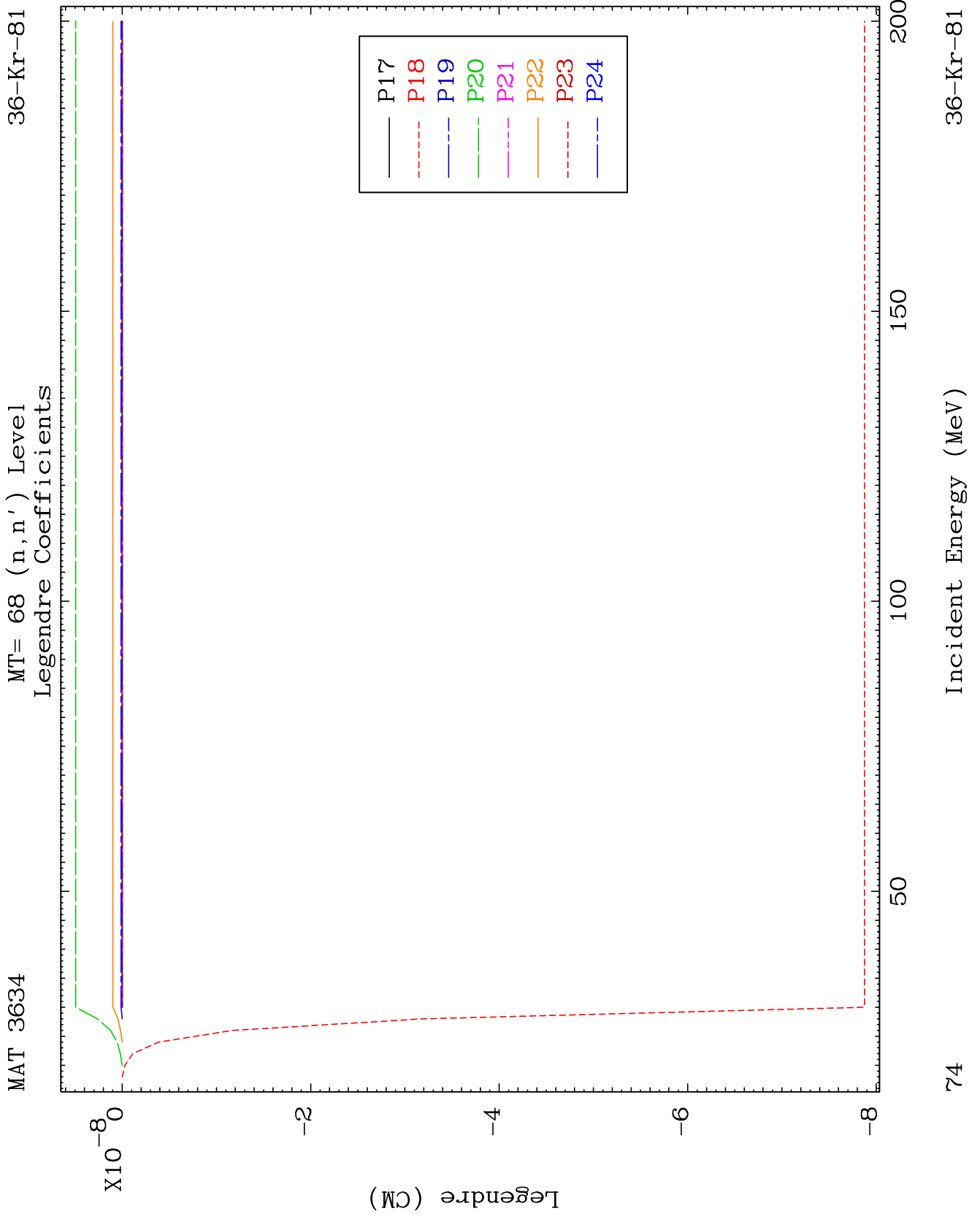
36-Kr-81

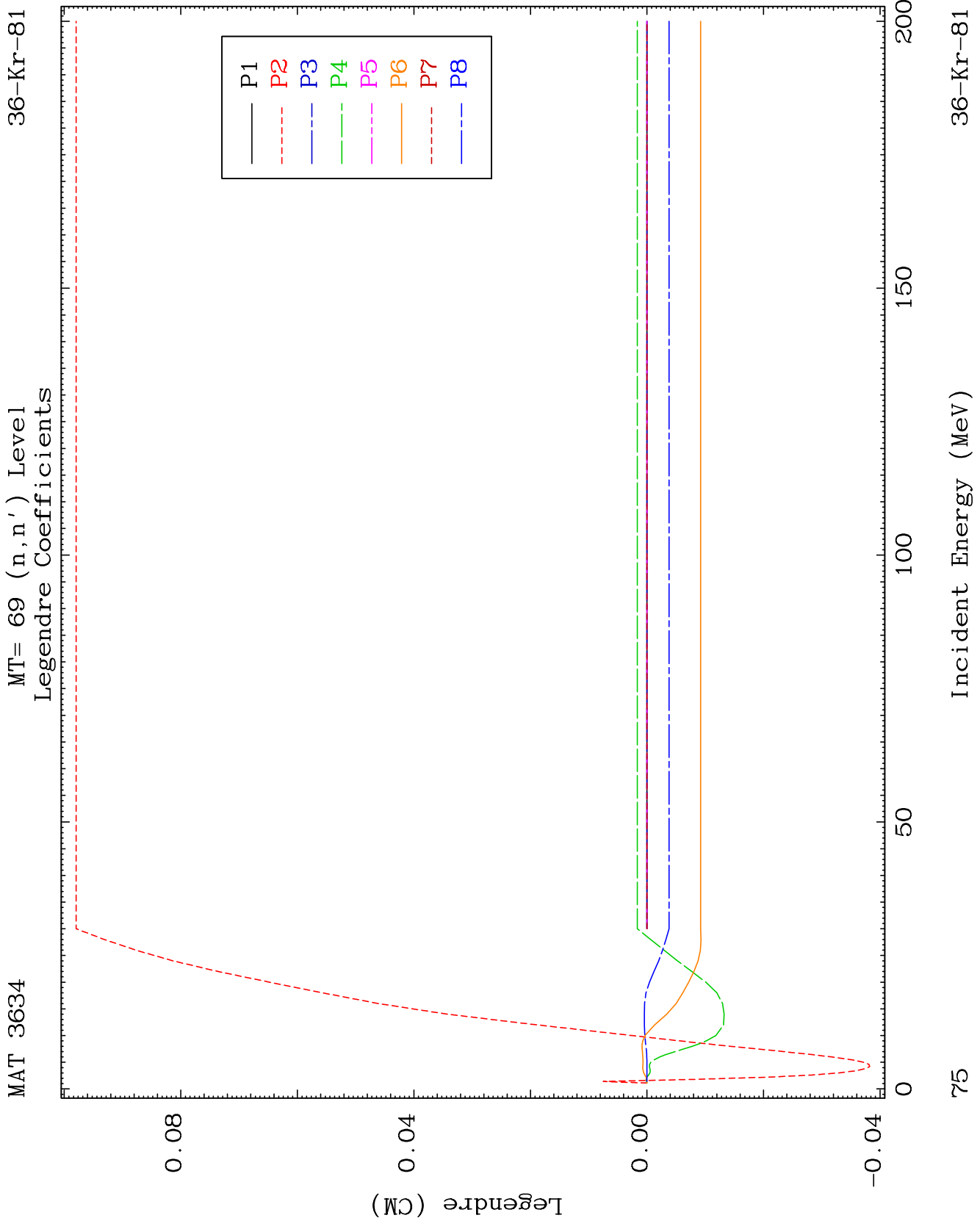


73

Incident Energy (MeV)

36-Kr-81

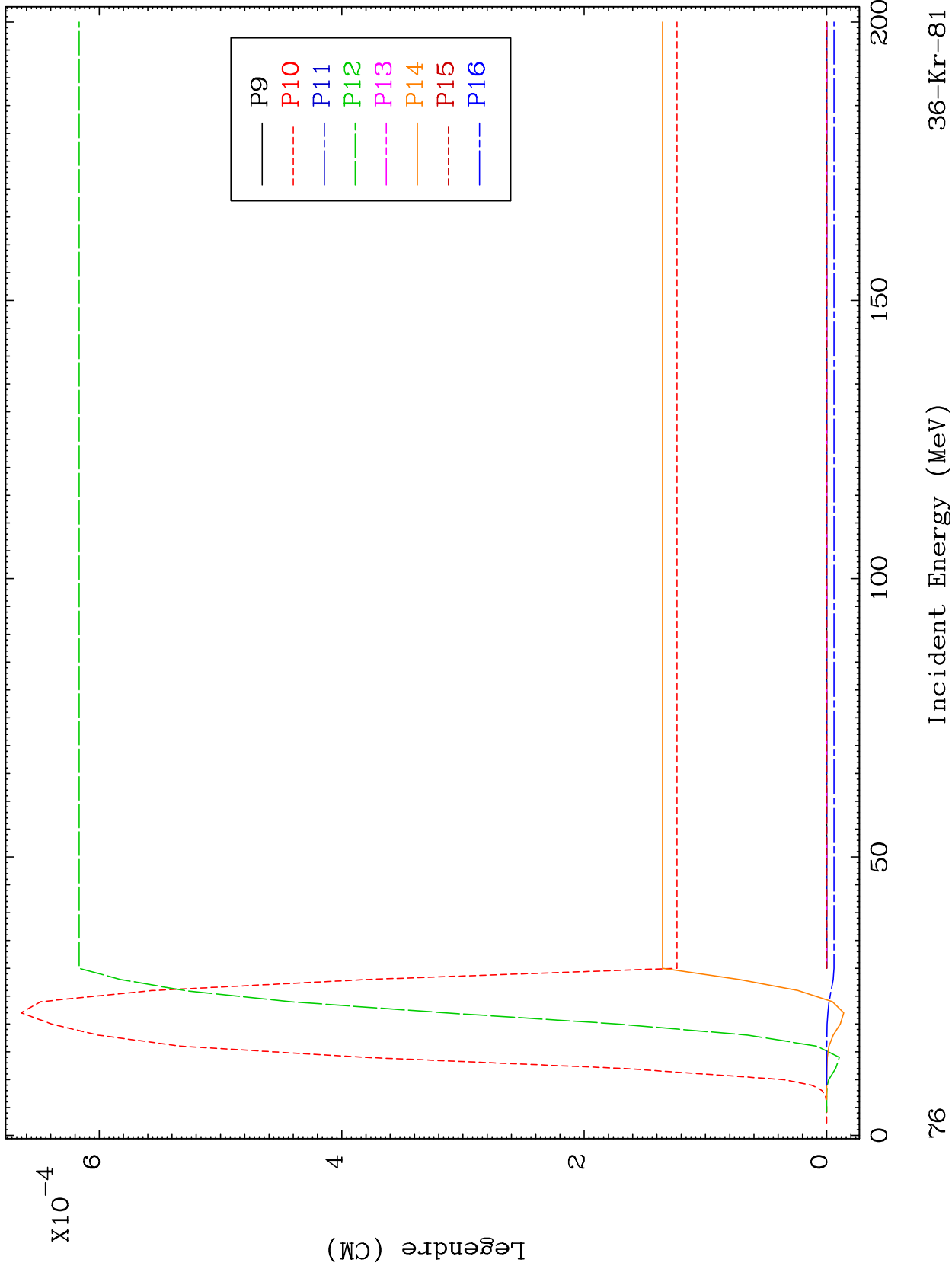




MAT 3634

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

36-Kr-81



76

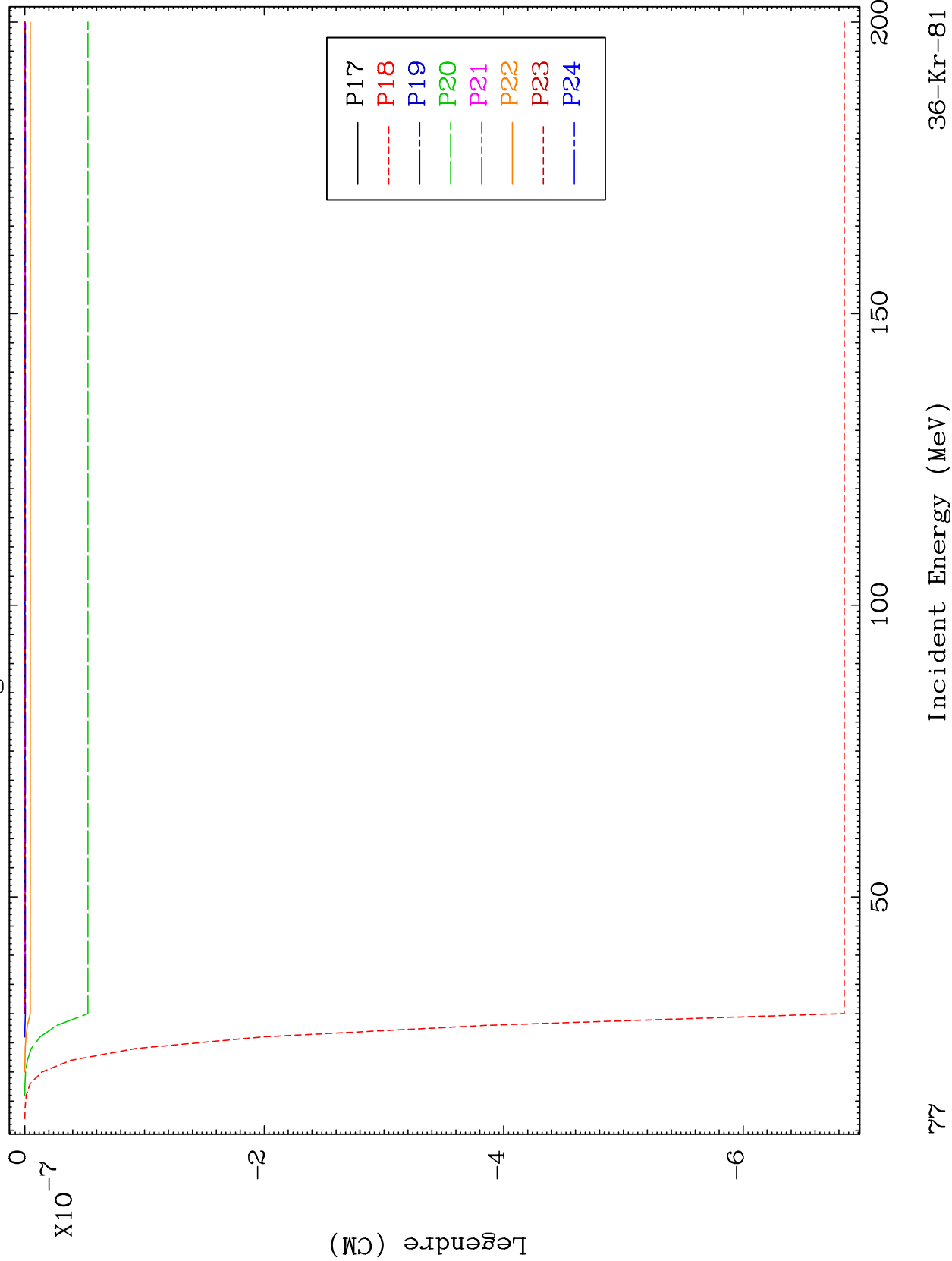
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



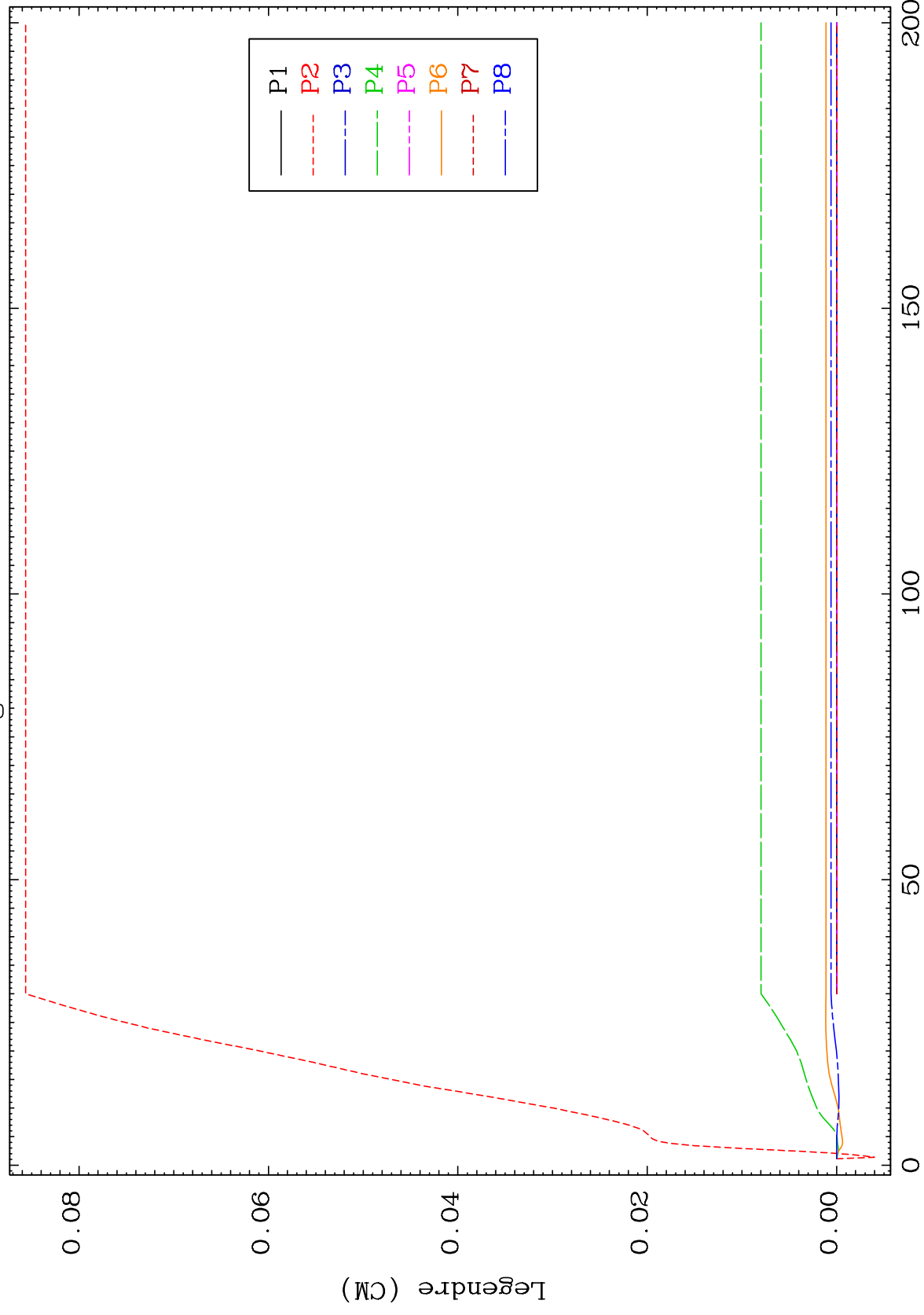
77

36-Kr-81

MAT 3634

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

36-Kr-81



78

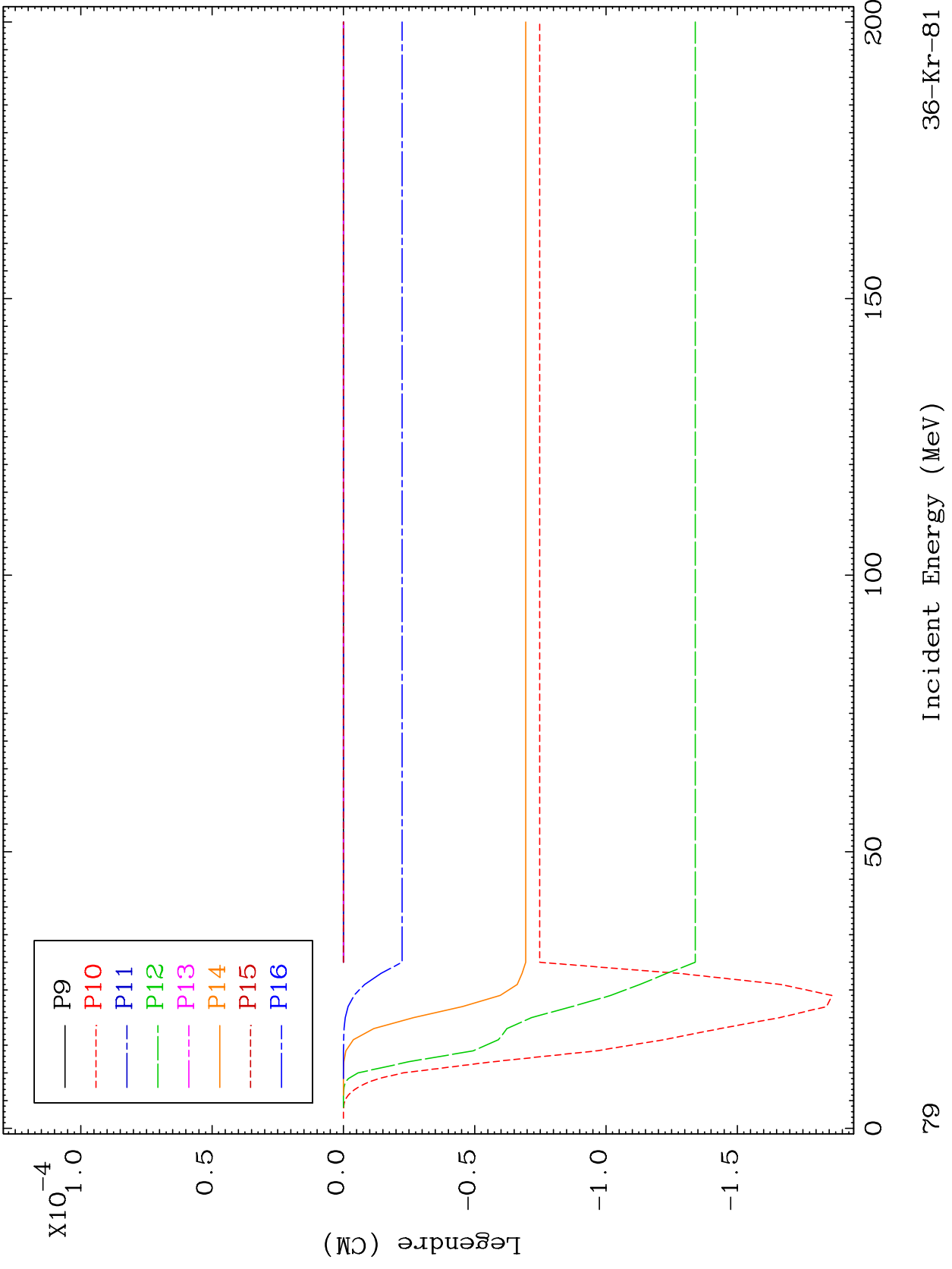
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81

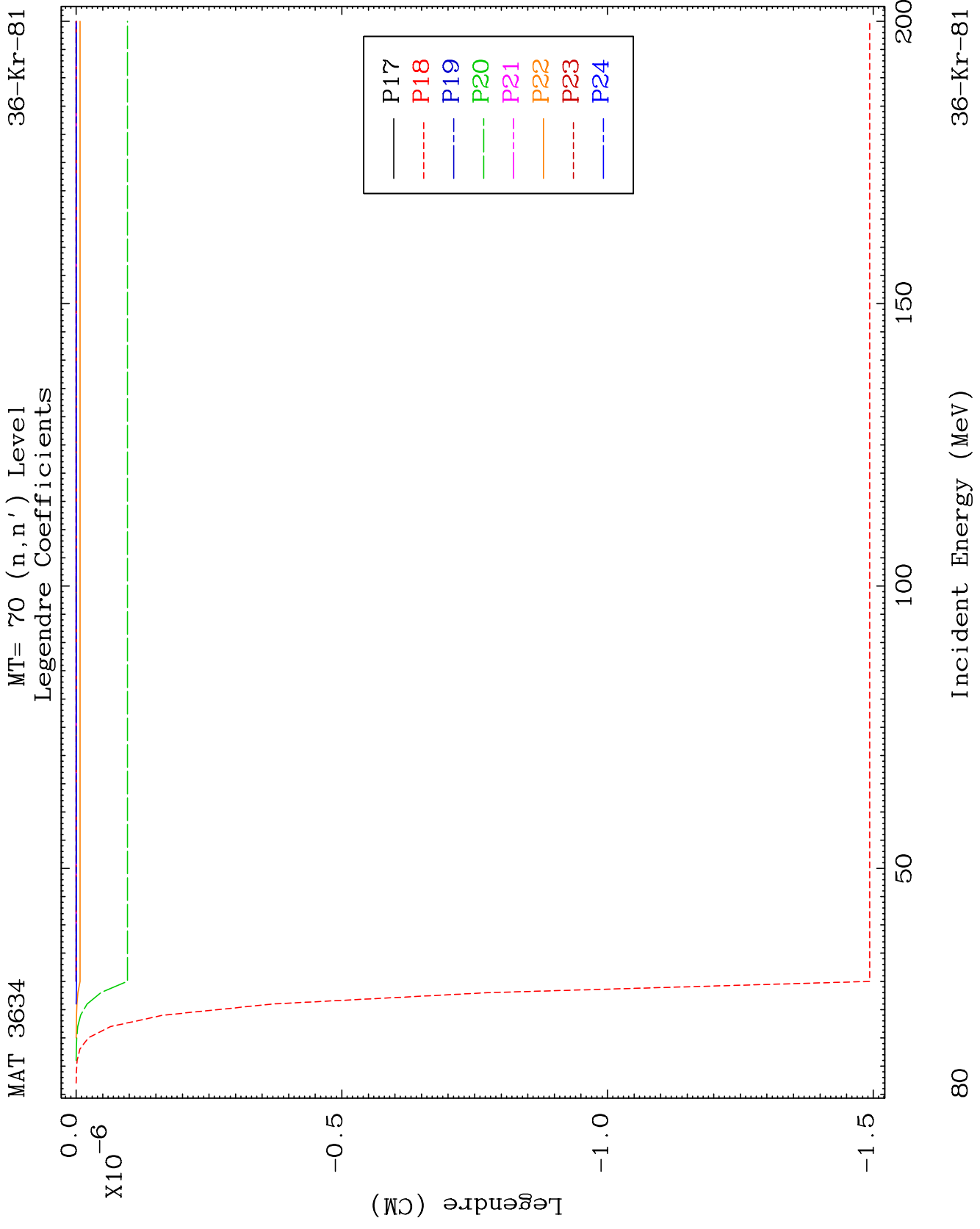


79

Incident Energy (MeV)

36-Kr-81

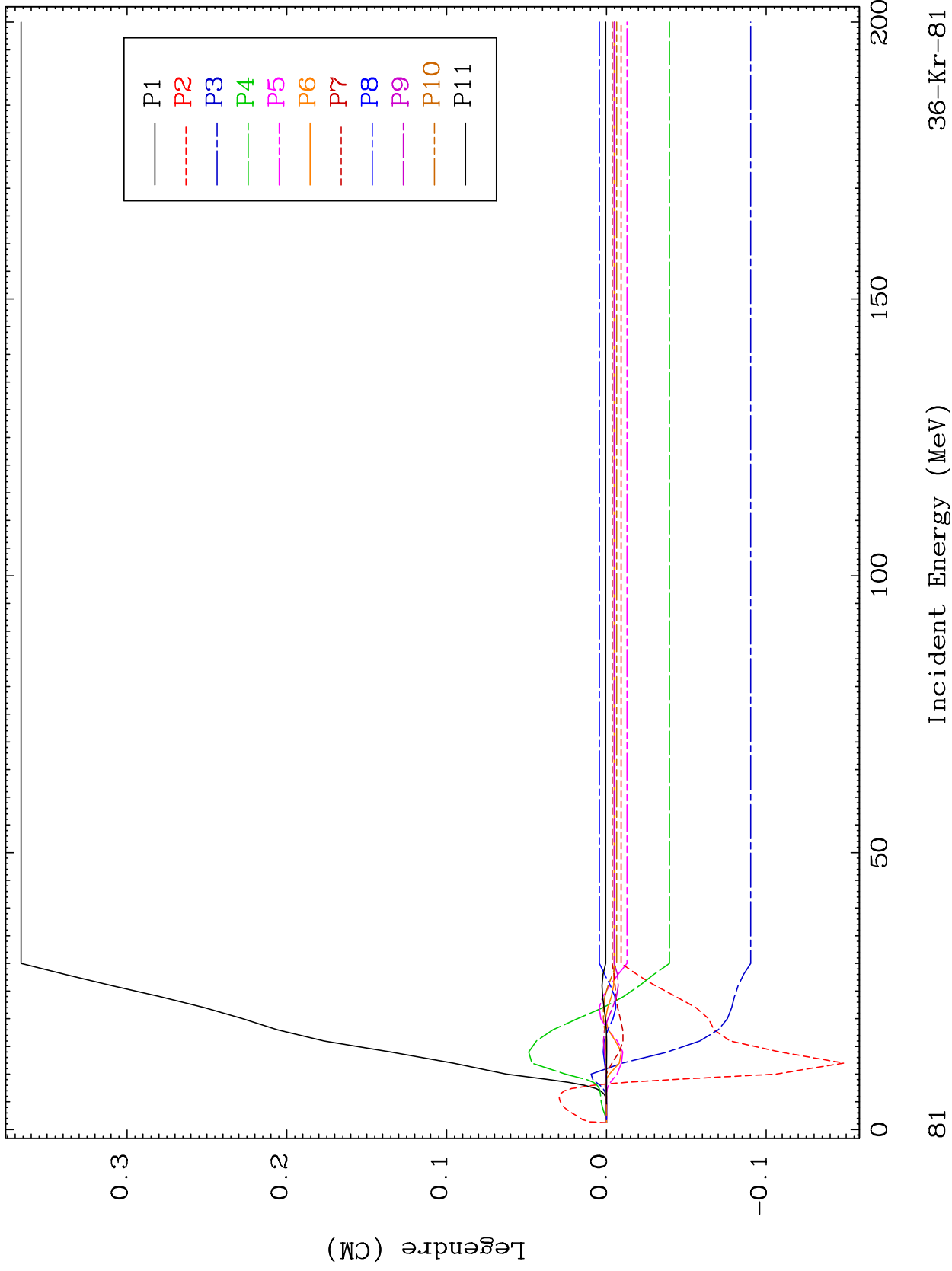




MAT 3634

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

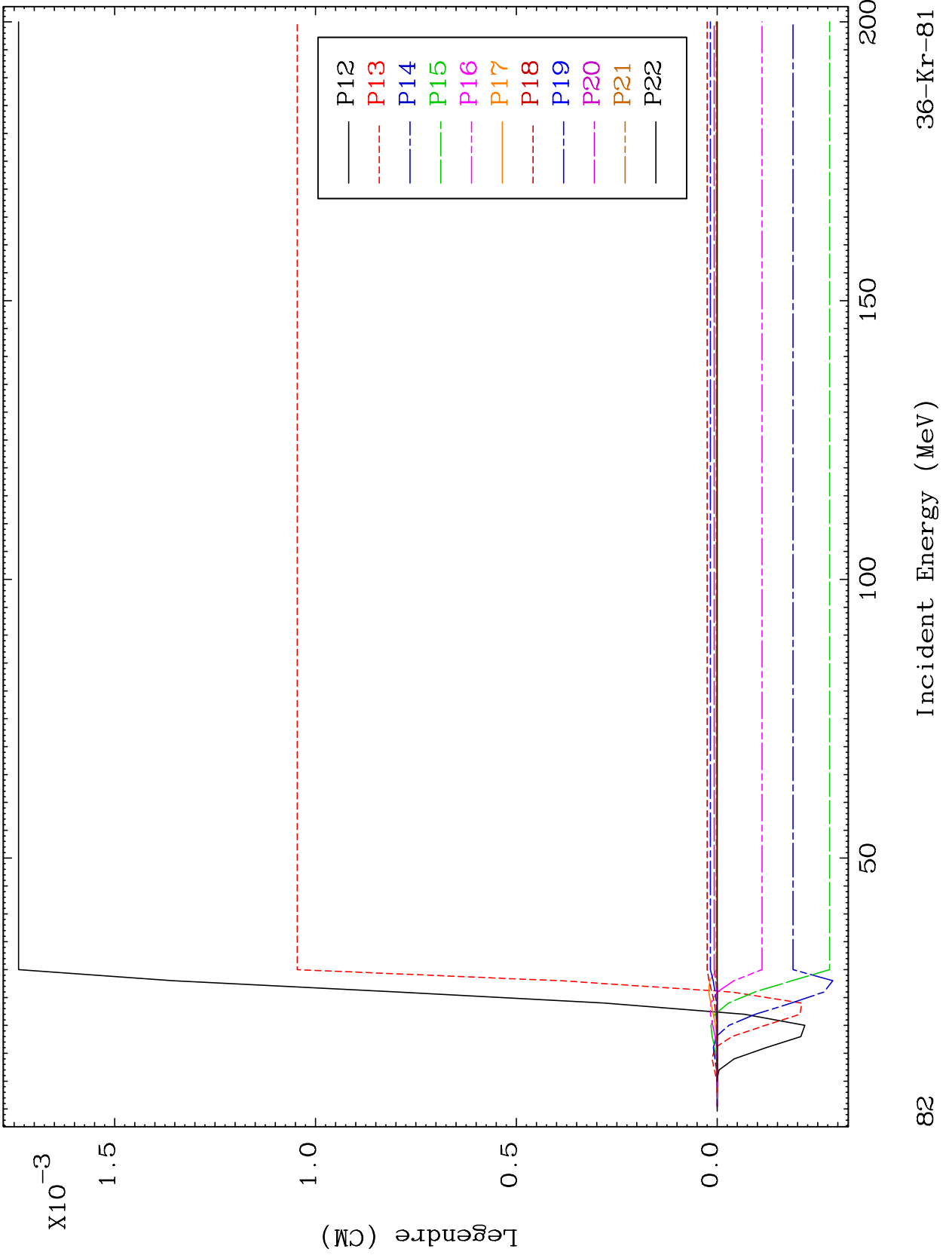
36-Kr-81



81

Incident Energy (MeV)

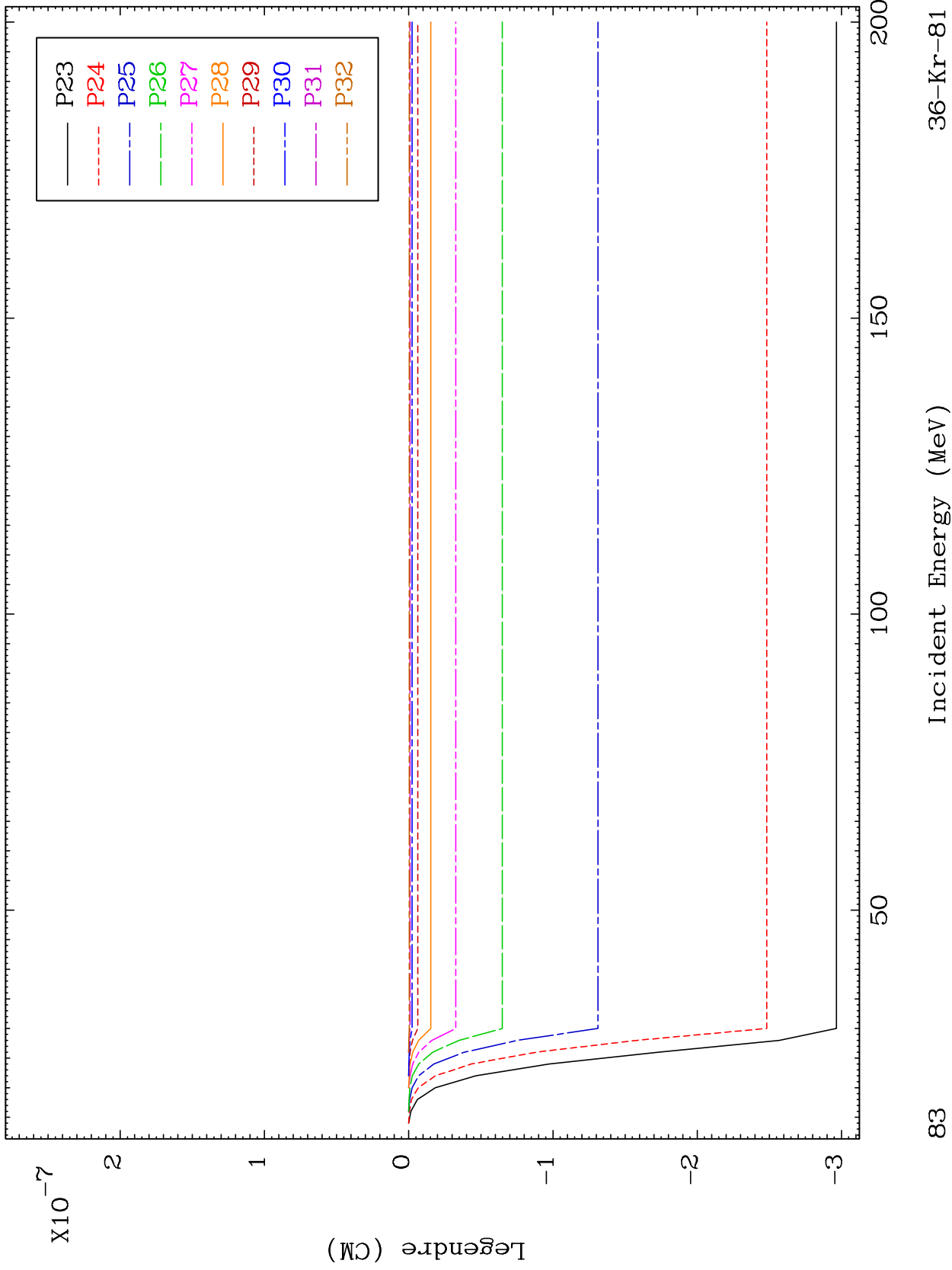
36-Kr-81



MAT 3634

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

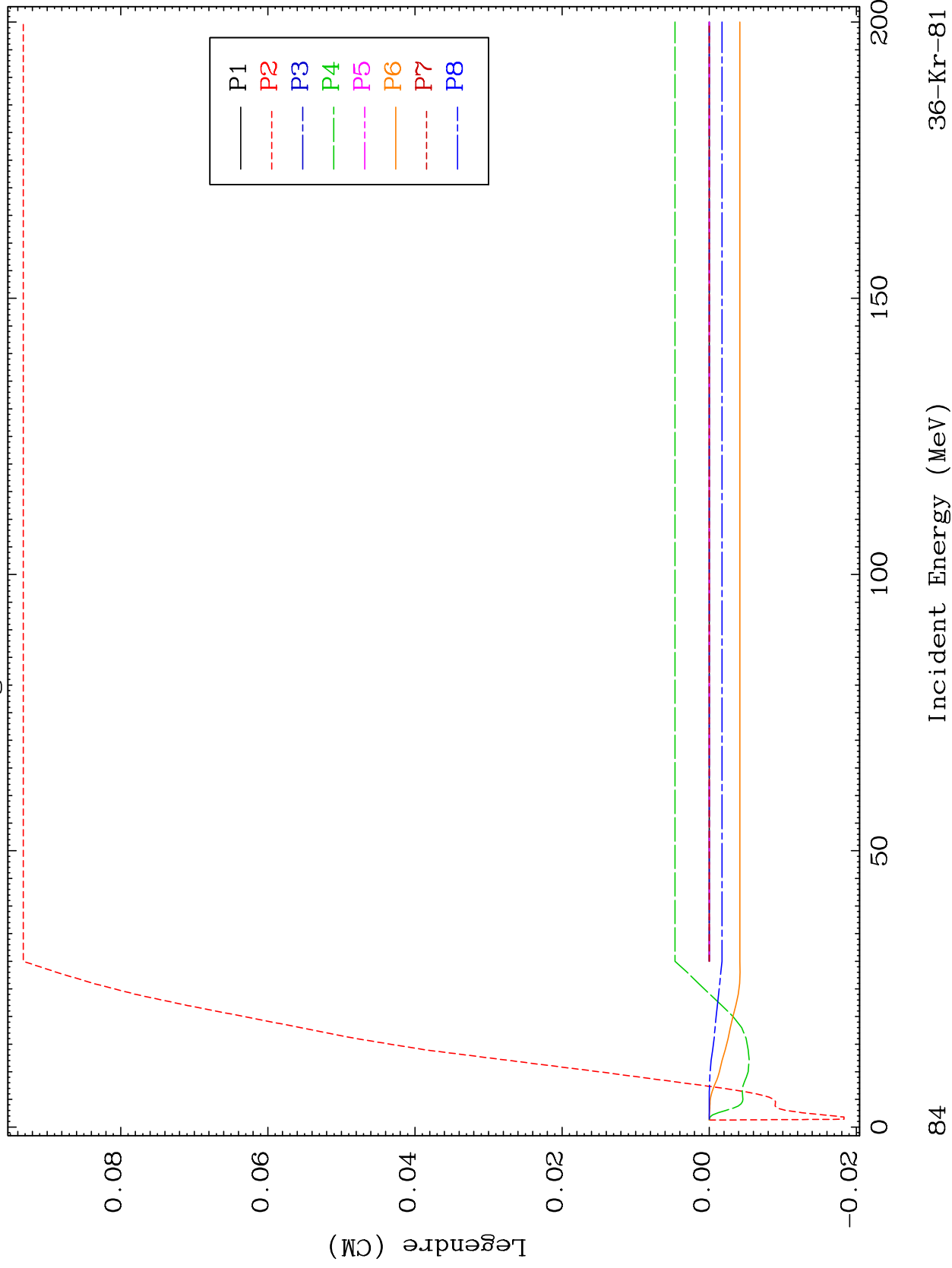
36-Kr-81



MAT 3634

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

36-Kr-81



36-Kr-81

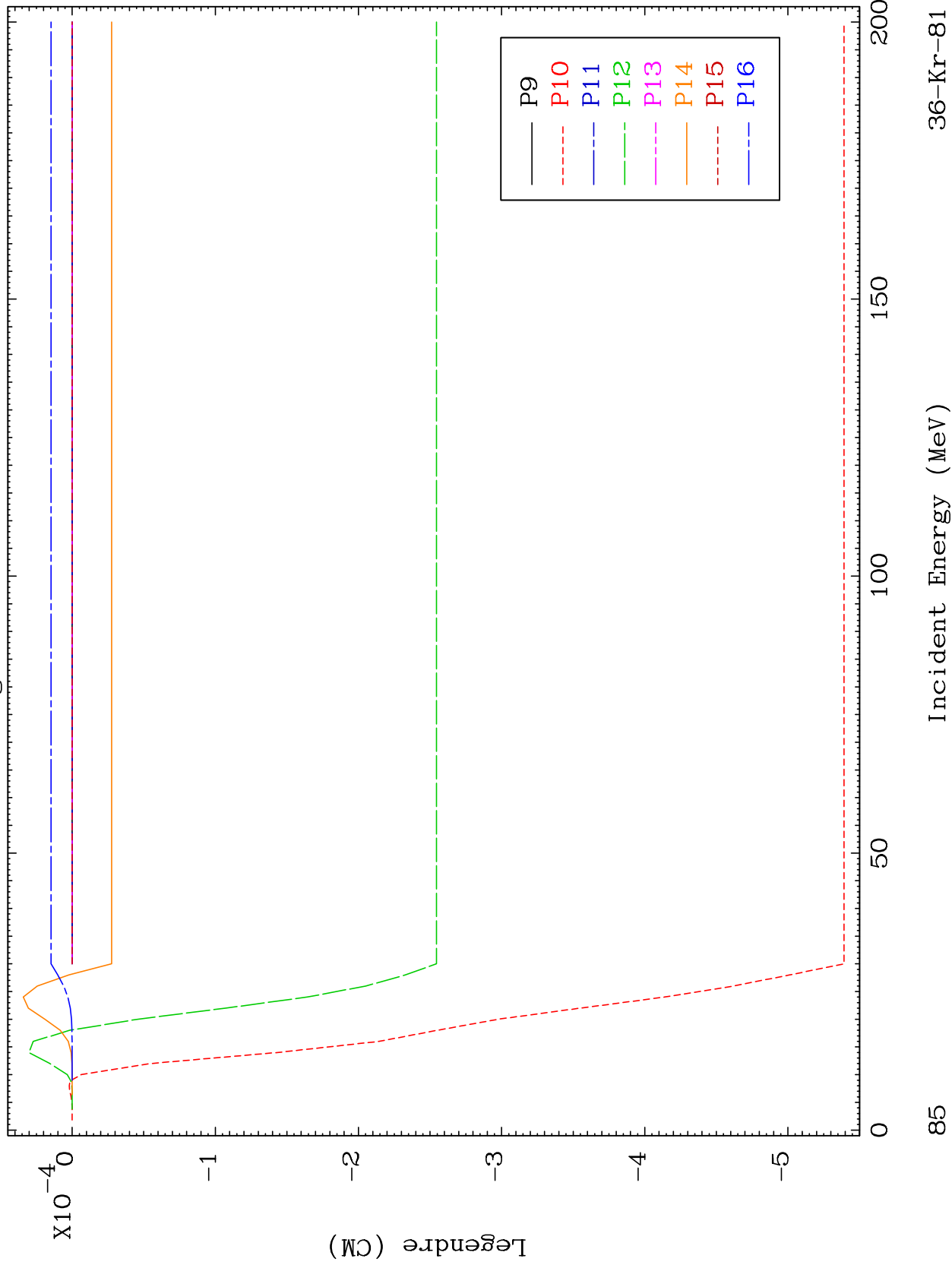
Incident Energy (MeV)

84

MAT 3634

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

36-Kr-81



85

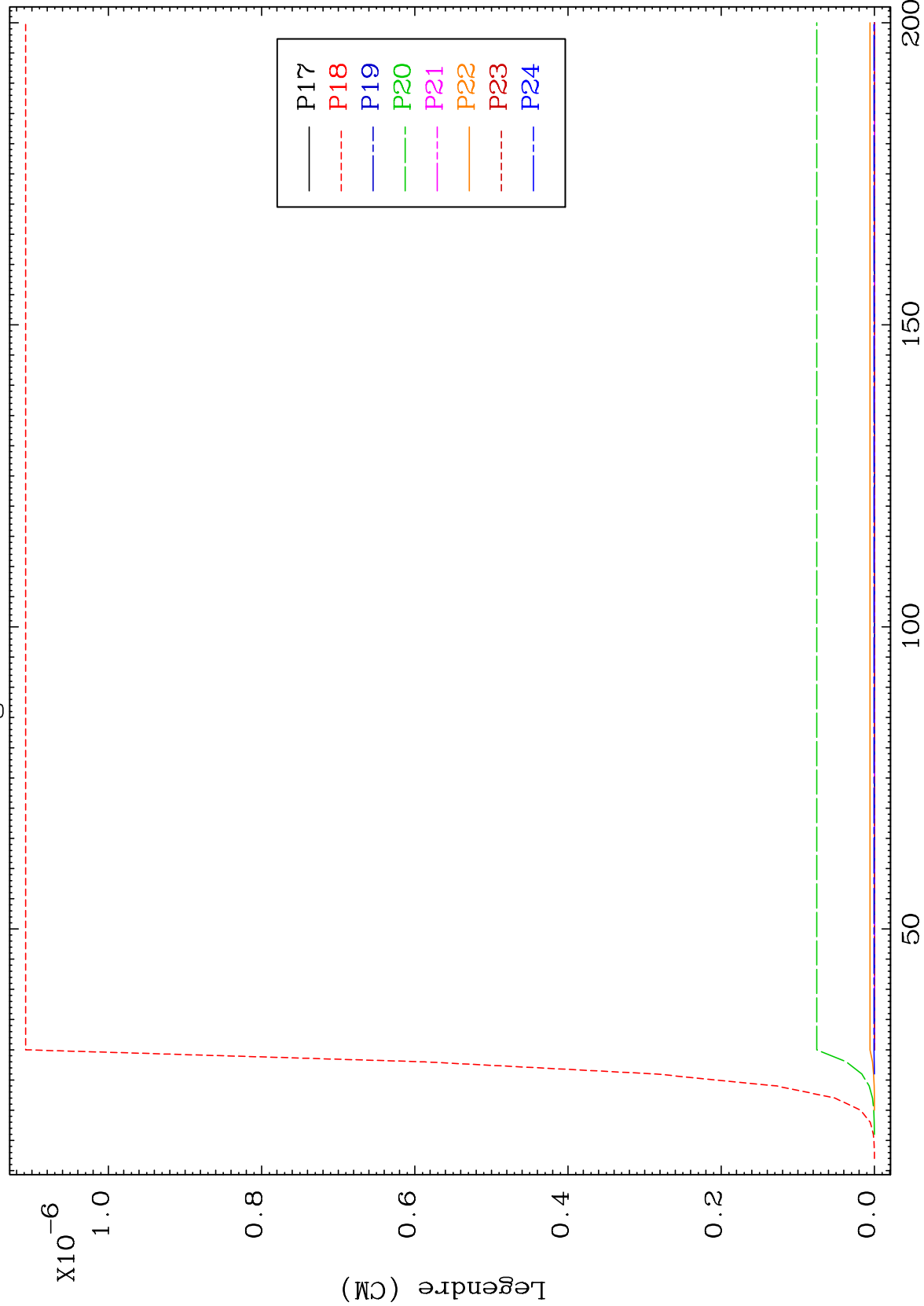
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



86

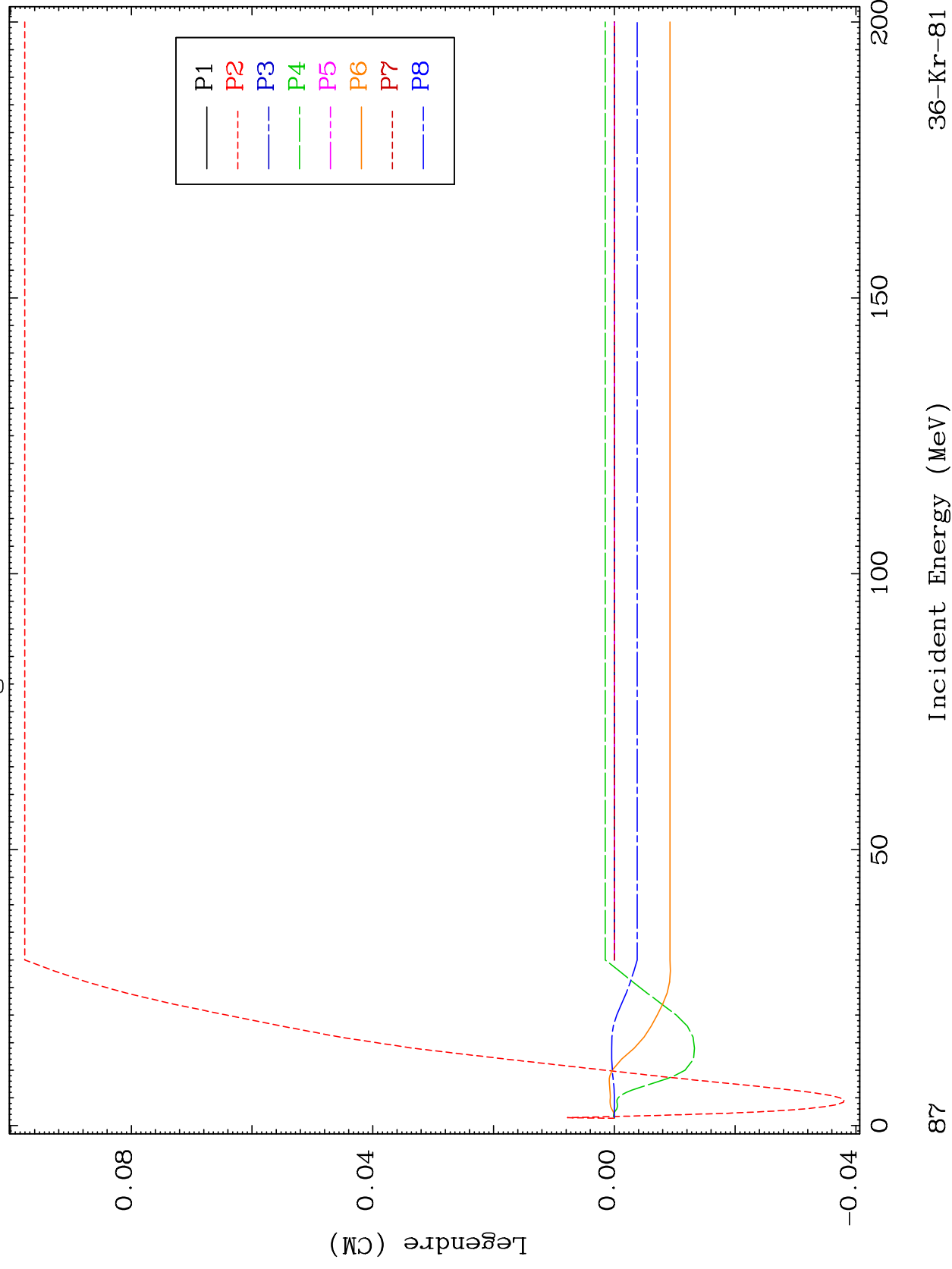
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



87

Incident Energy (MeV)

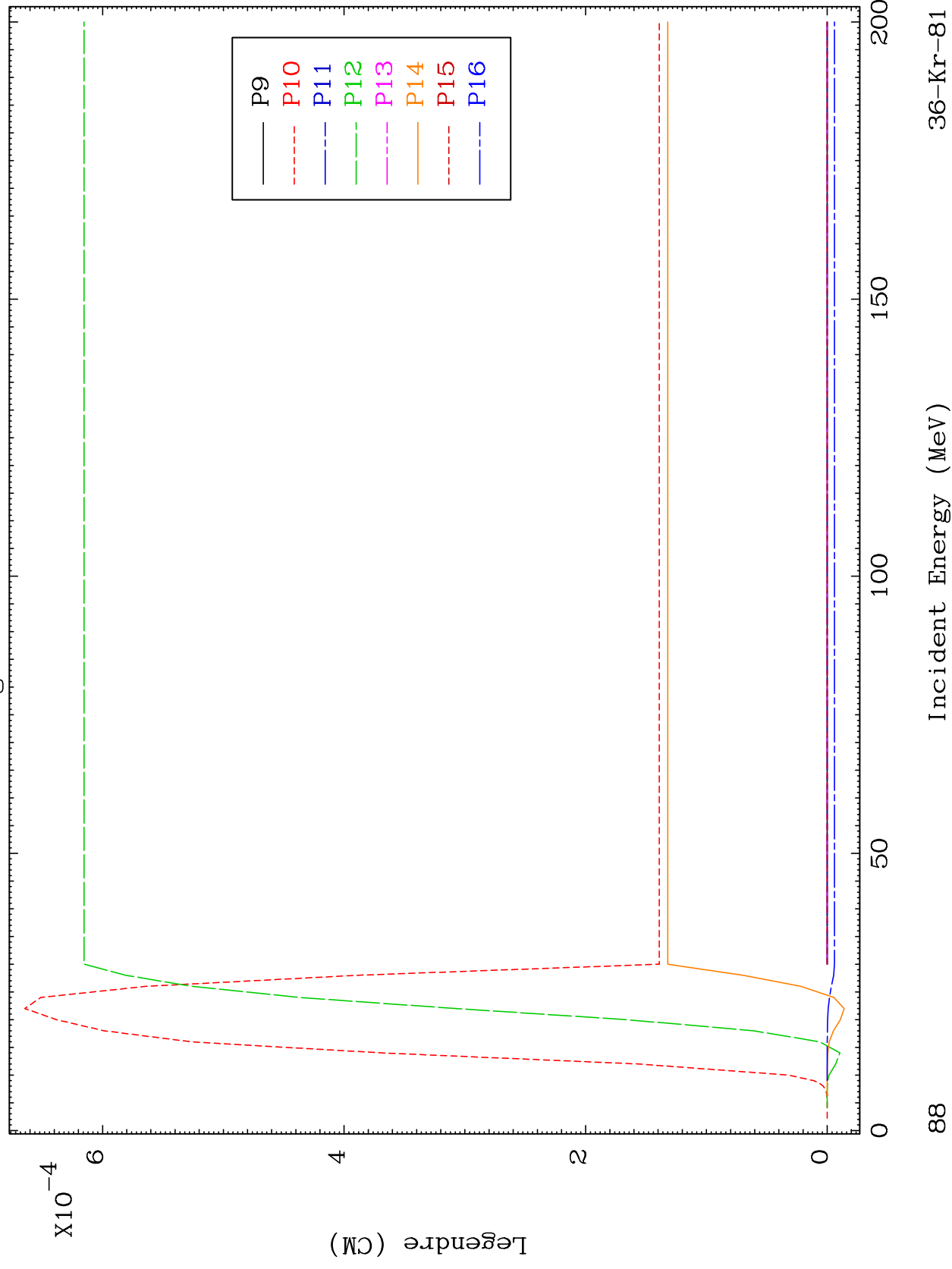
36-Kr-81



MAT 3634

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

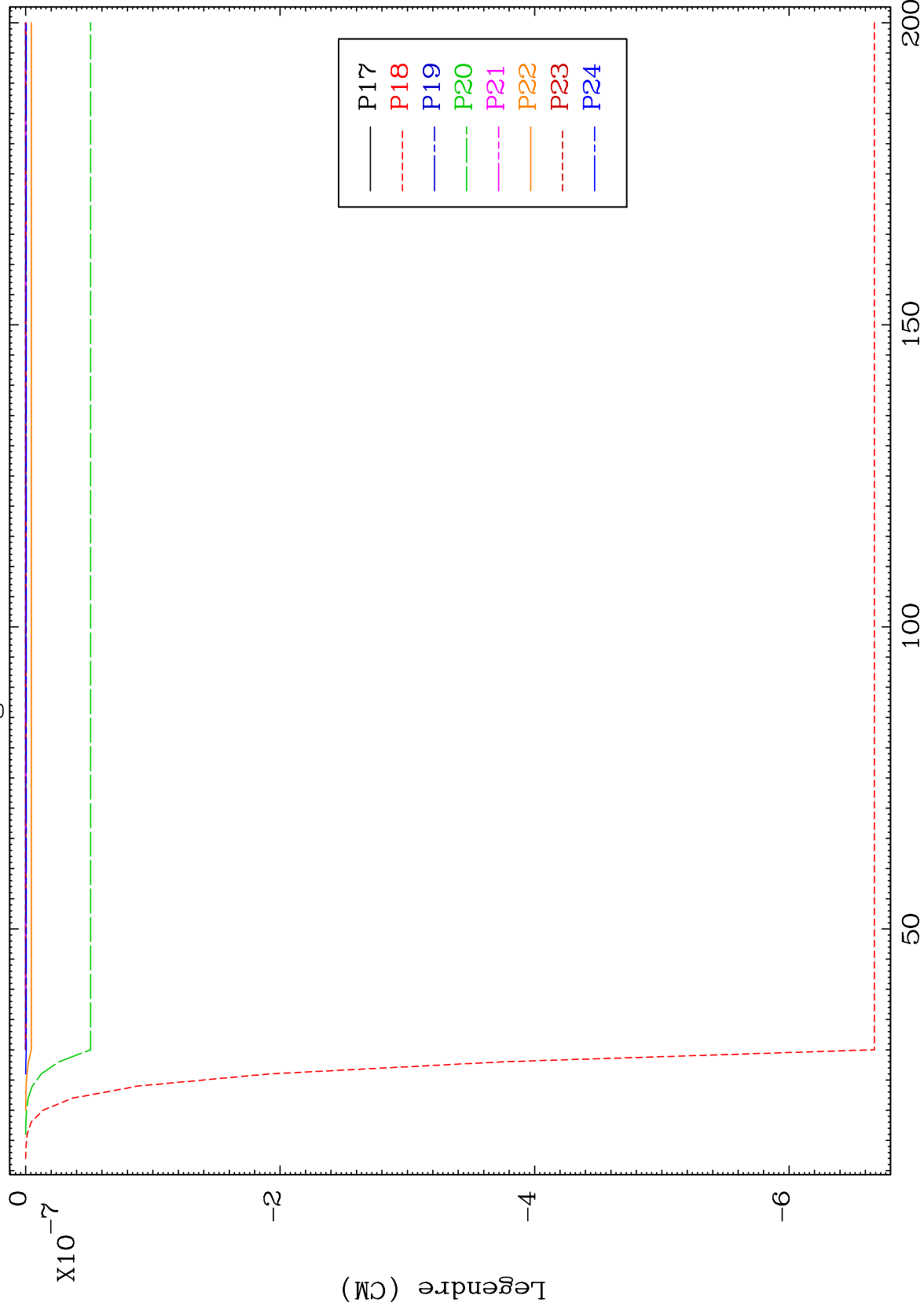
36-Kr-81



MAT 3634

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

36-Kr-81



89

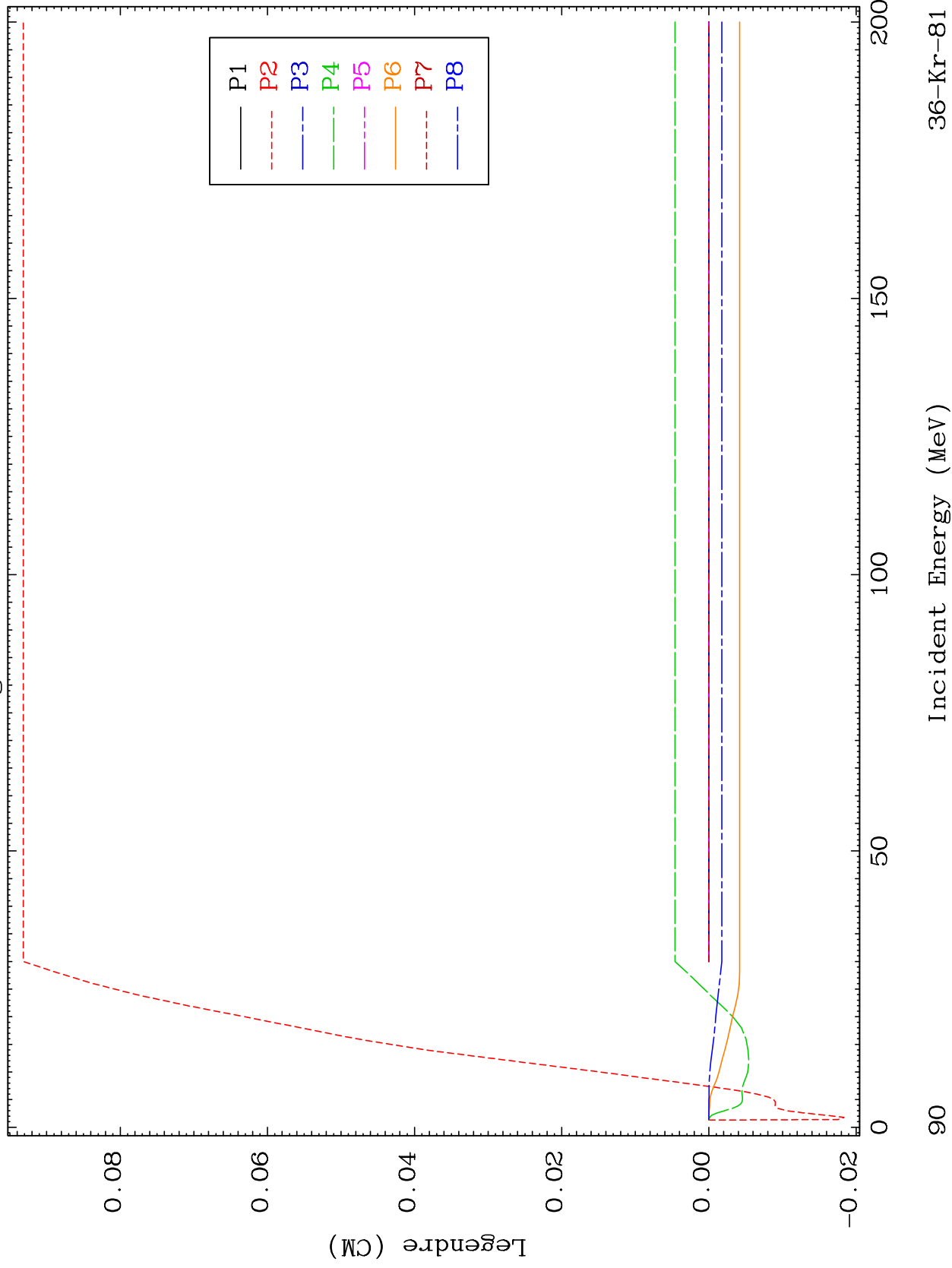
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81

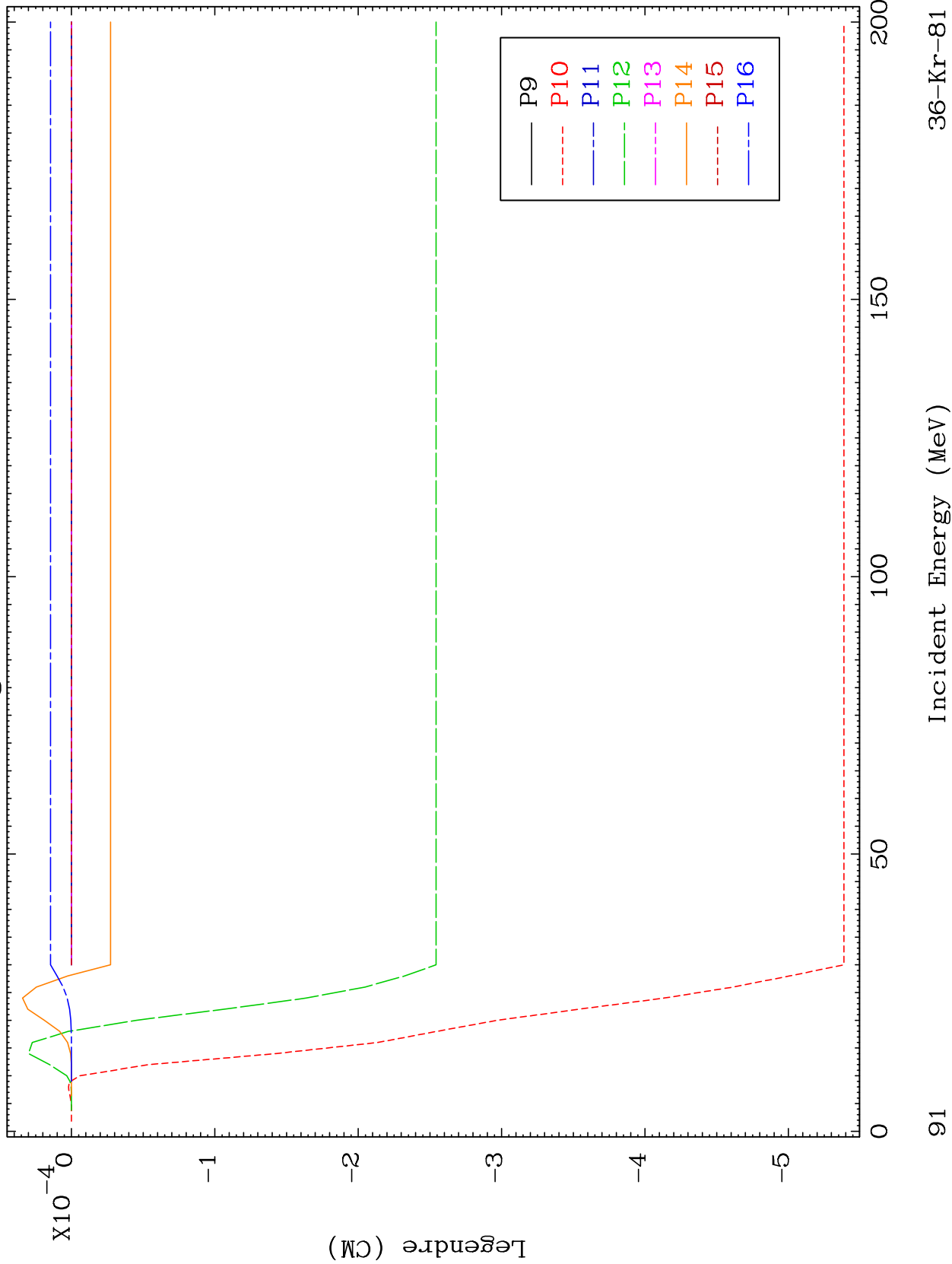


36-Kr-81

MAT 3634

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

36-Kr-81



91

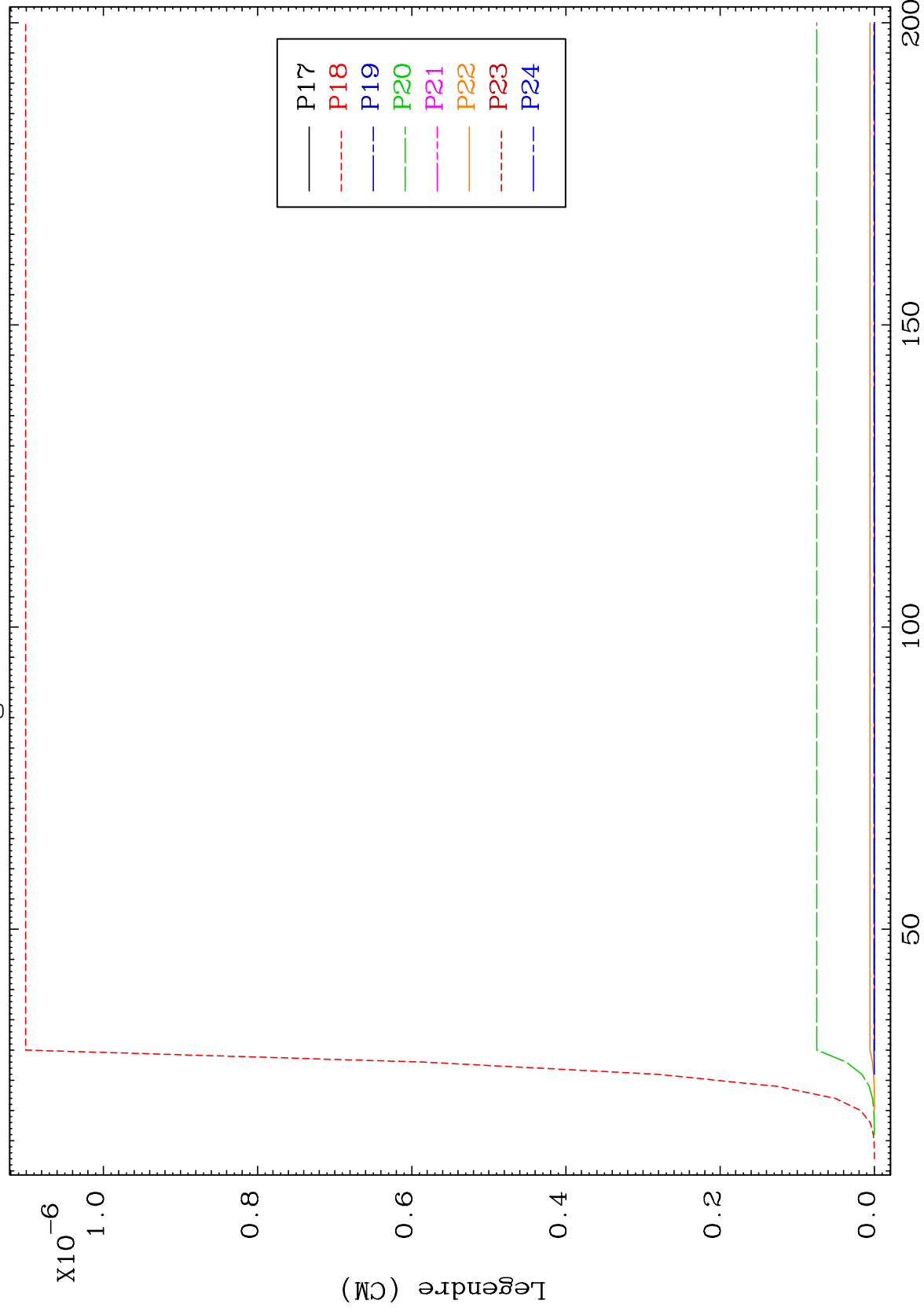
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



92

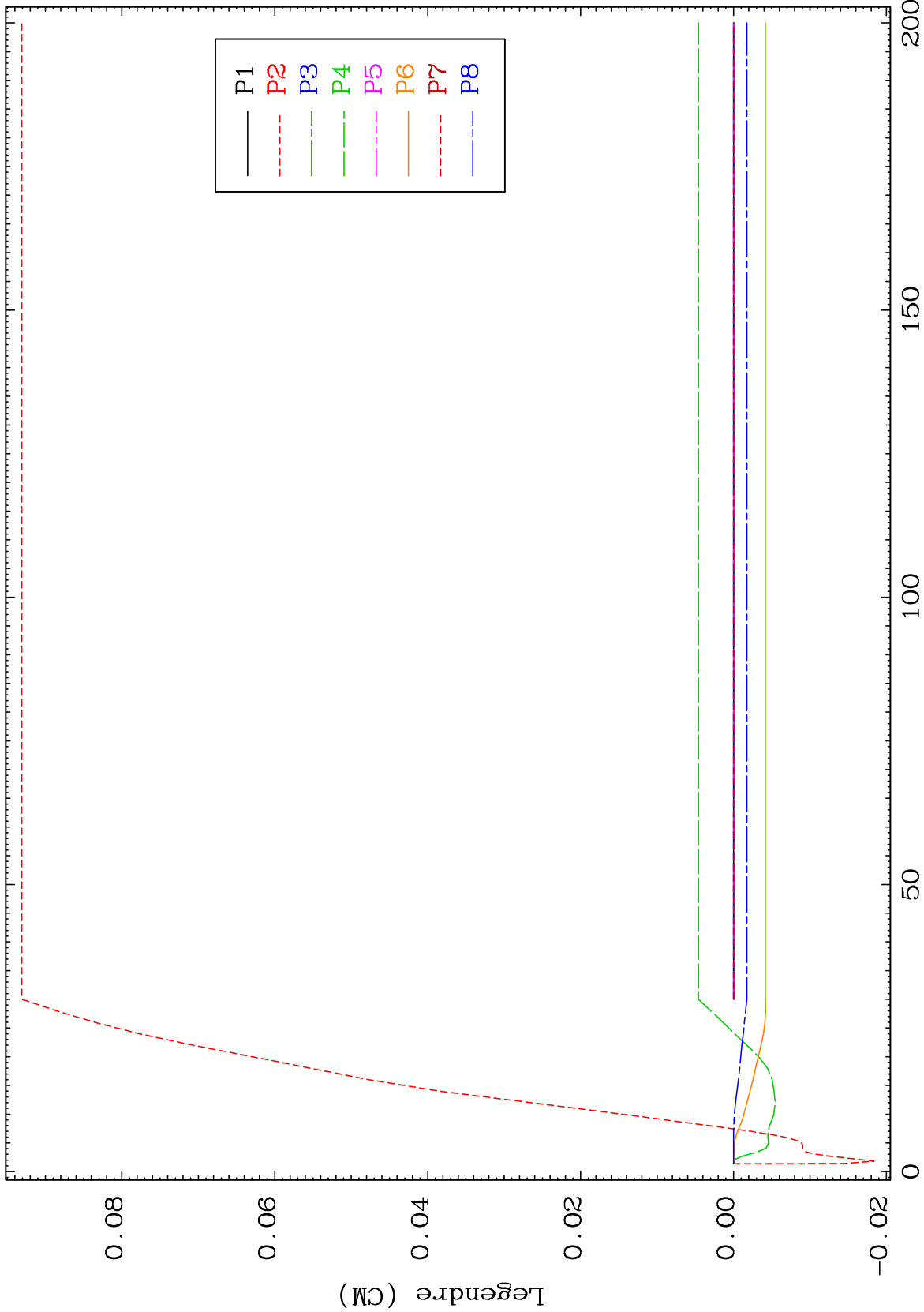
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



93

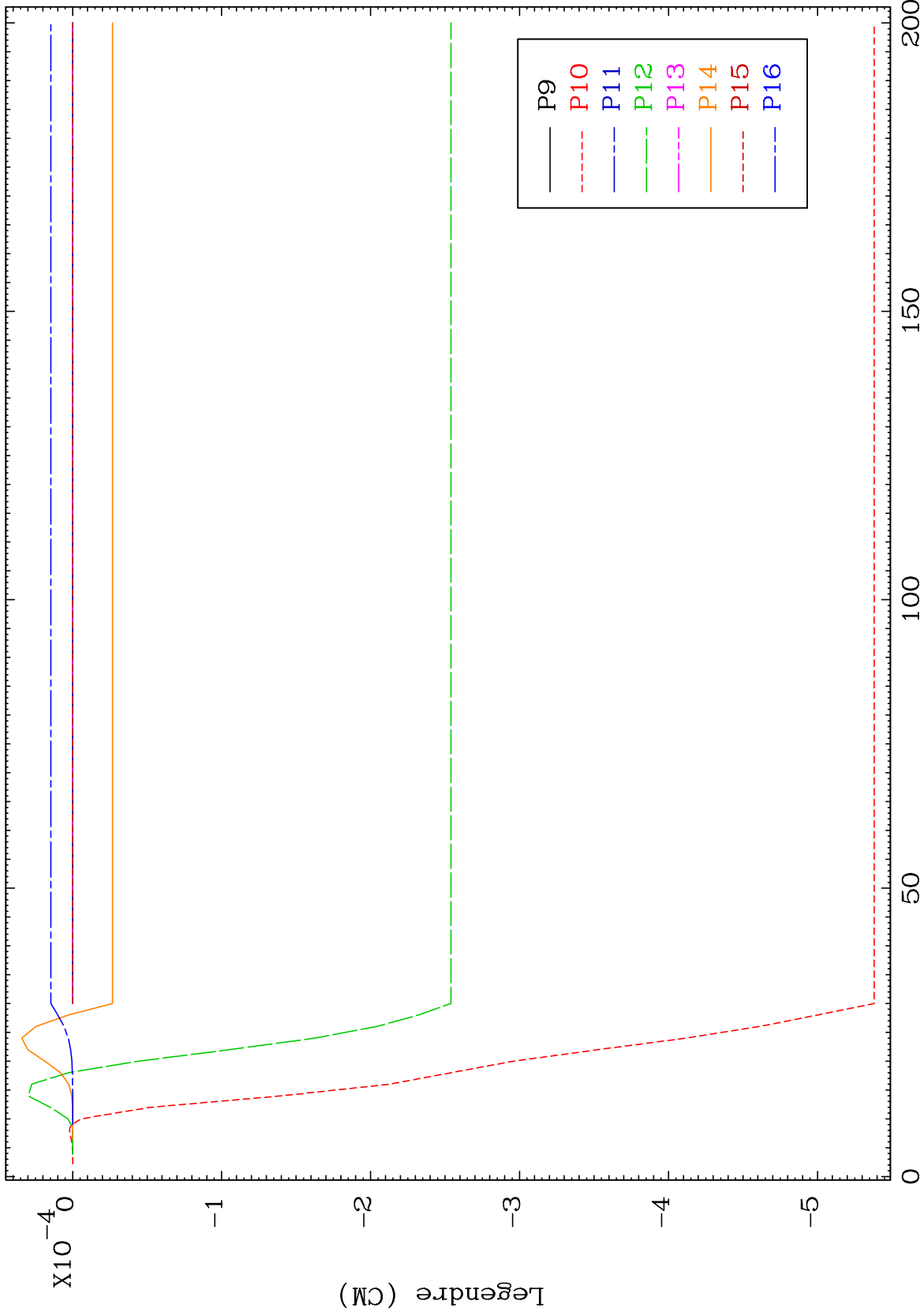
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



94

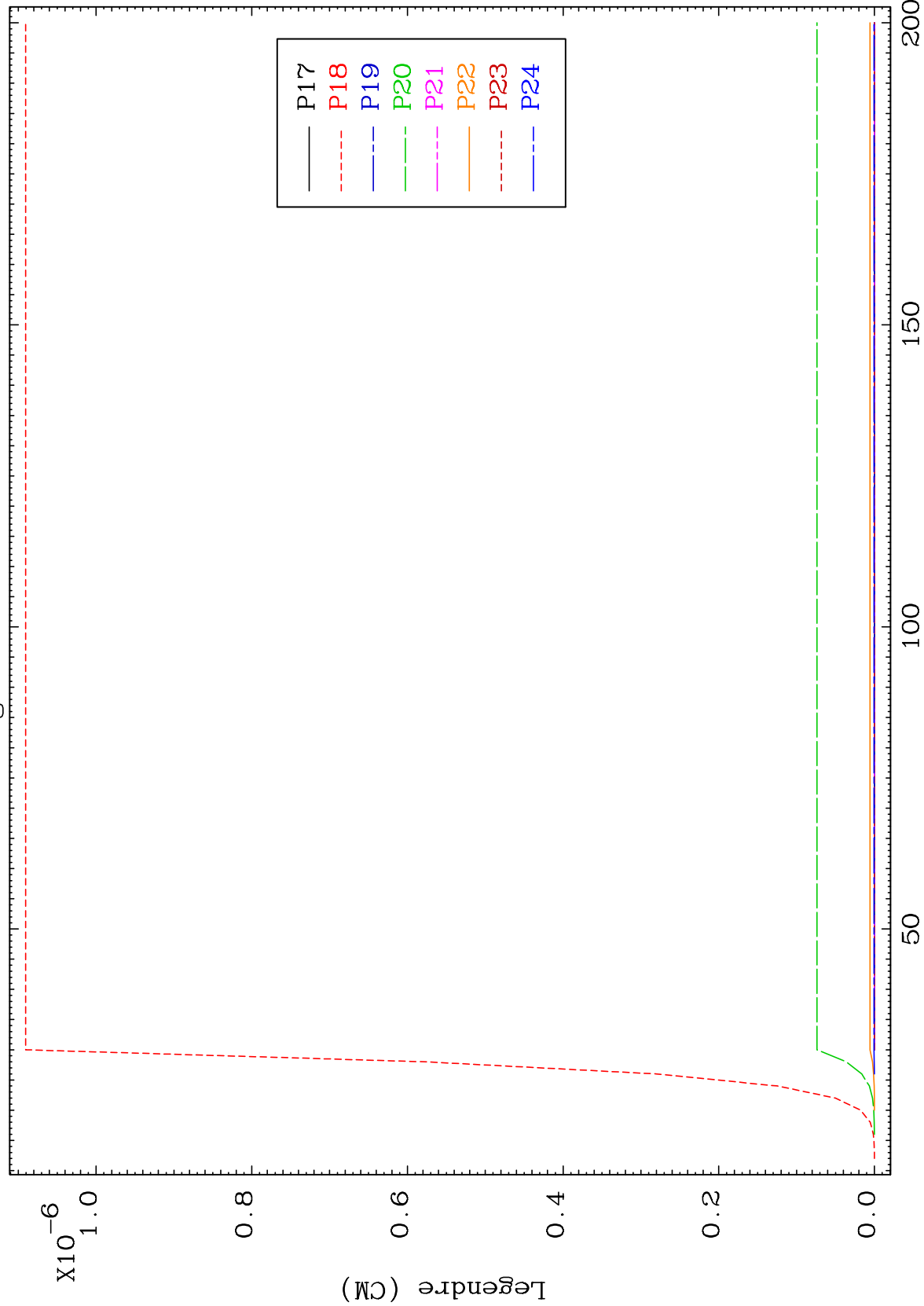
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



95

Incident Energy (MeV)

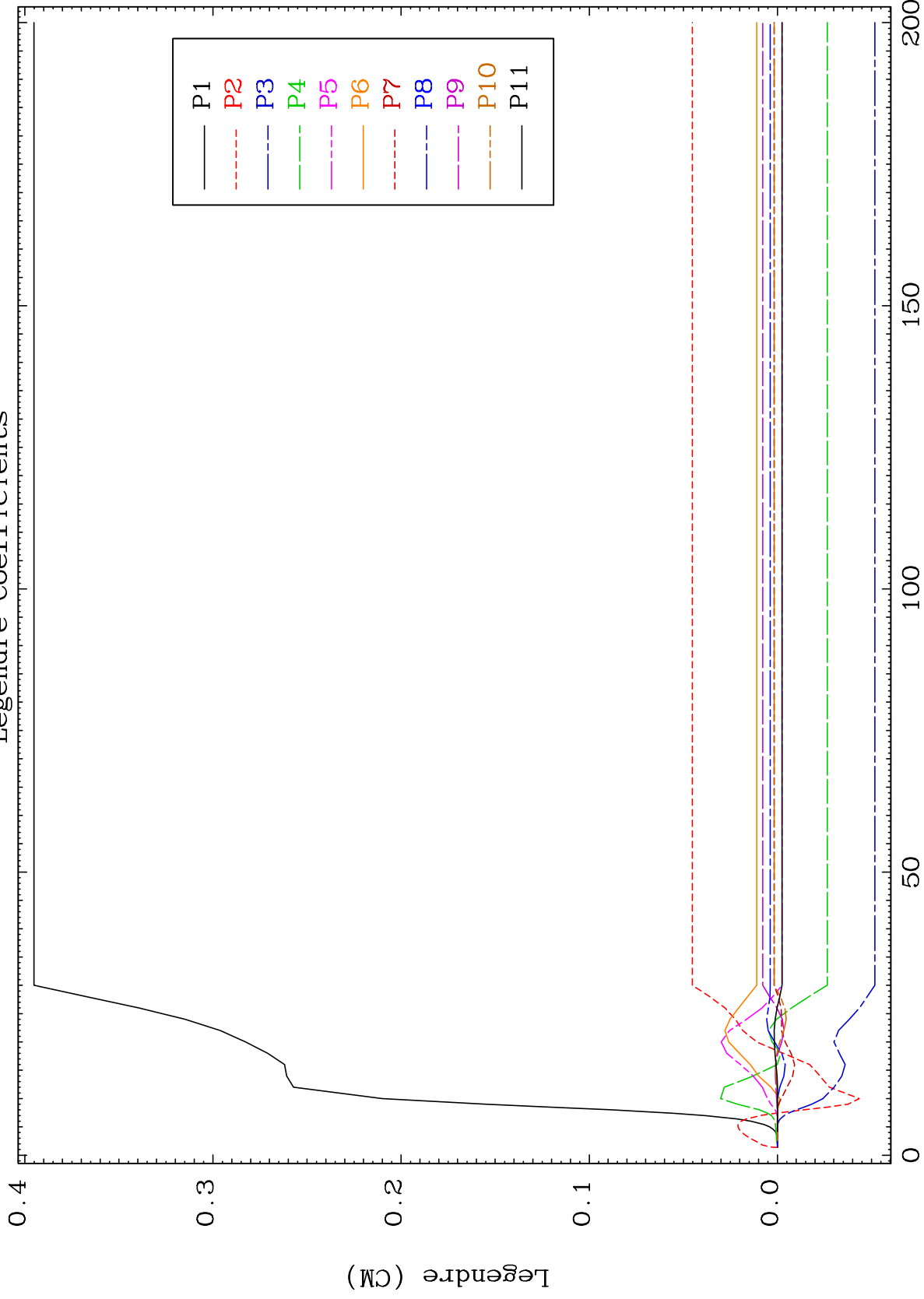
36-Kr-81



MAT 3634

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

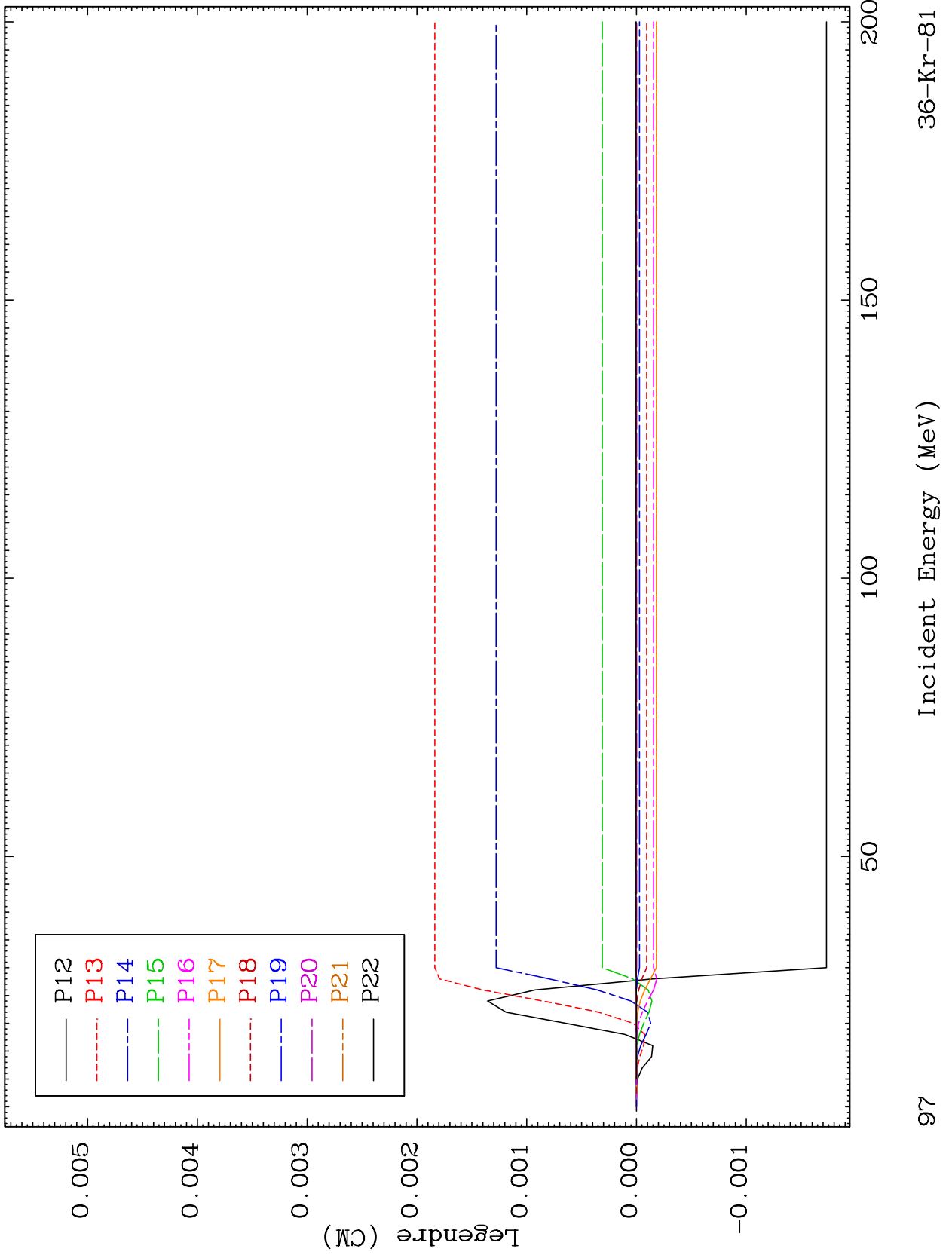
36-Kr-81



96

Incident Energy (MeV)

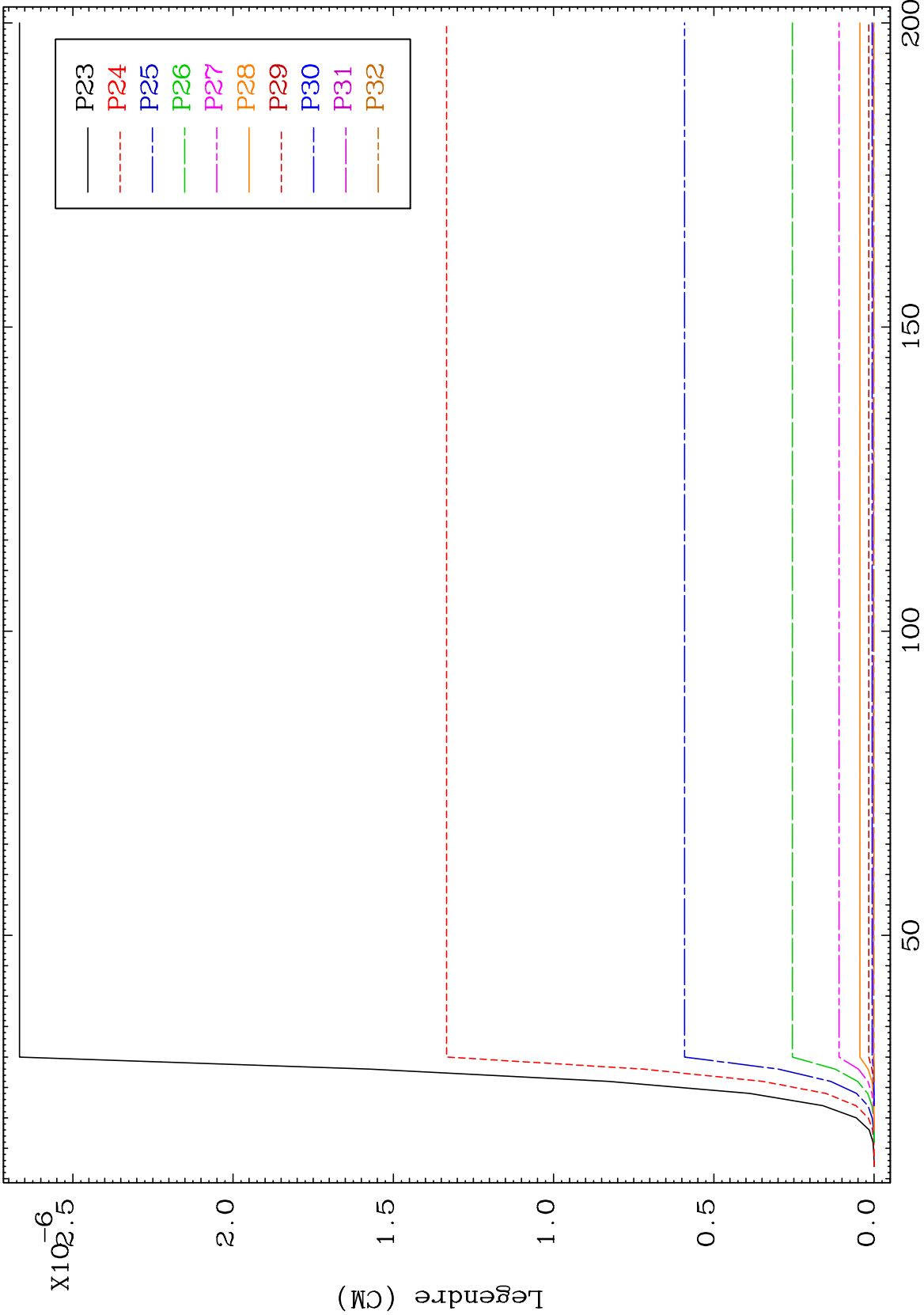
36-Kr-81



MAT 3634

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

36-Kr-81



98

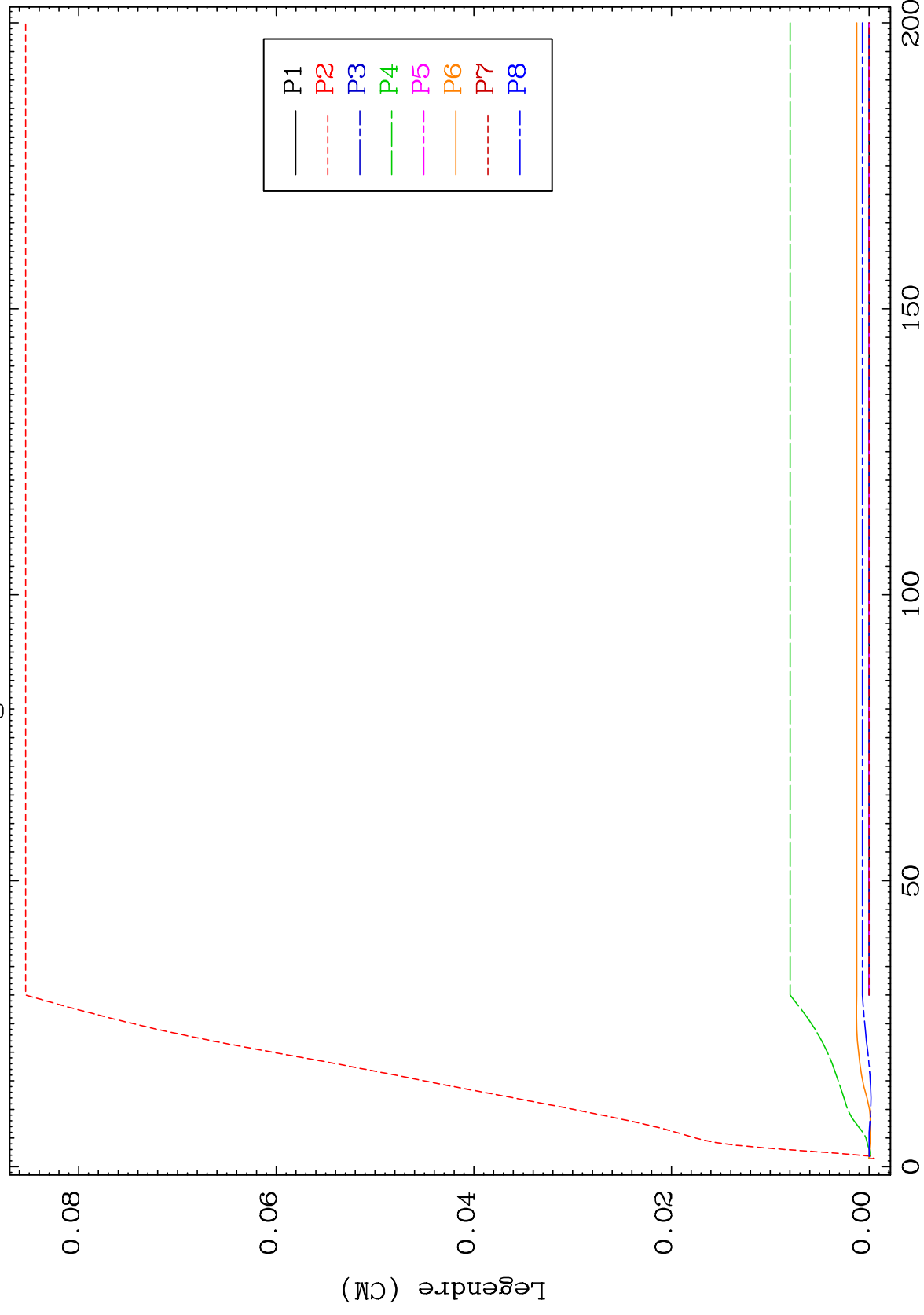
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



99

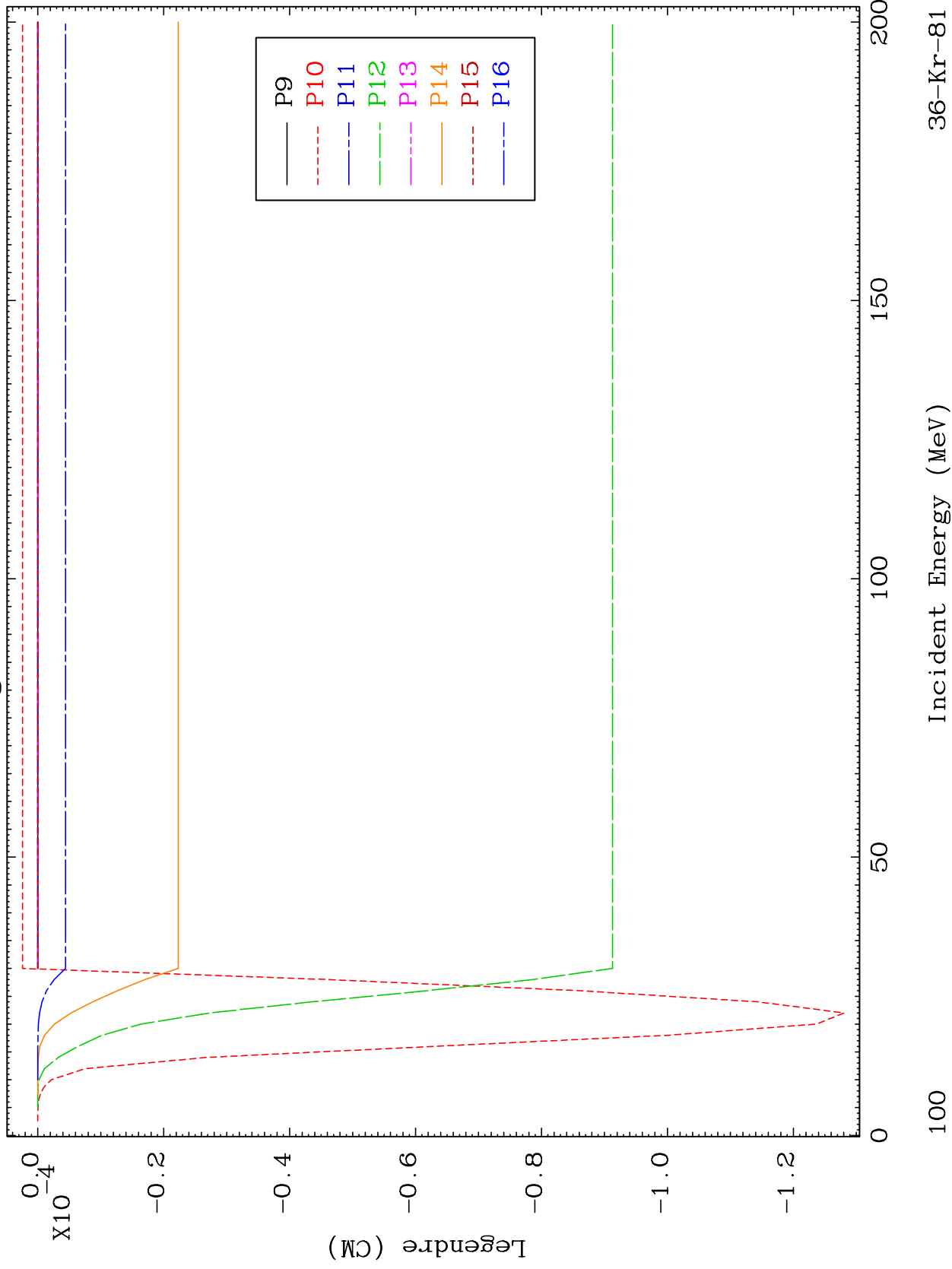
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

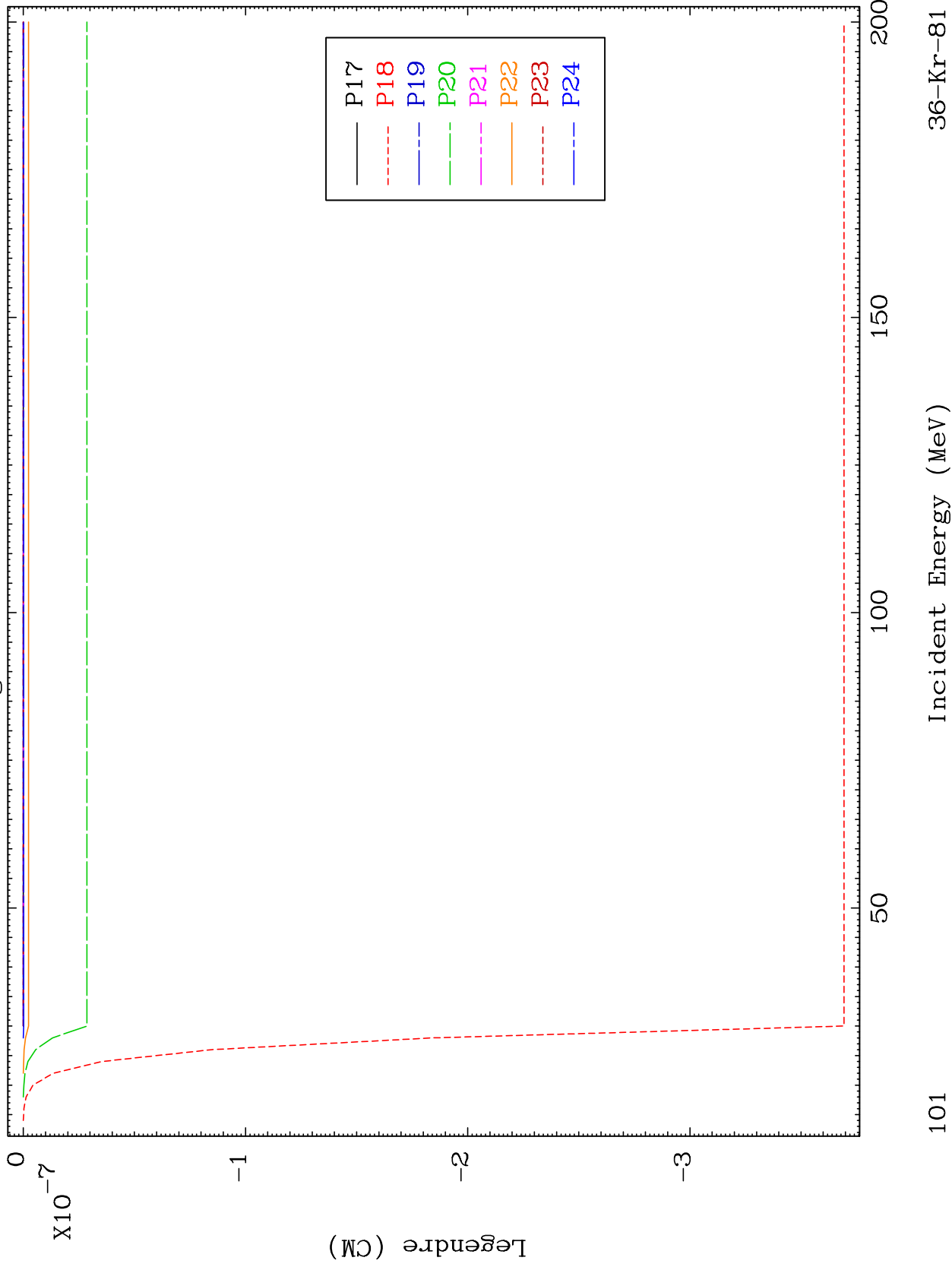
36-Kr-81



MAT 3634

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

36-Kr-81



101

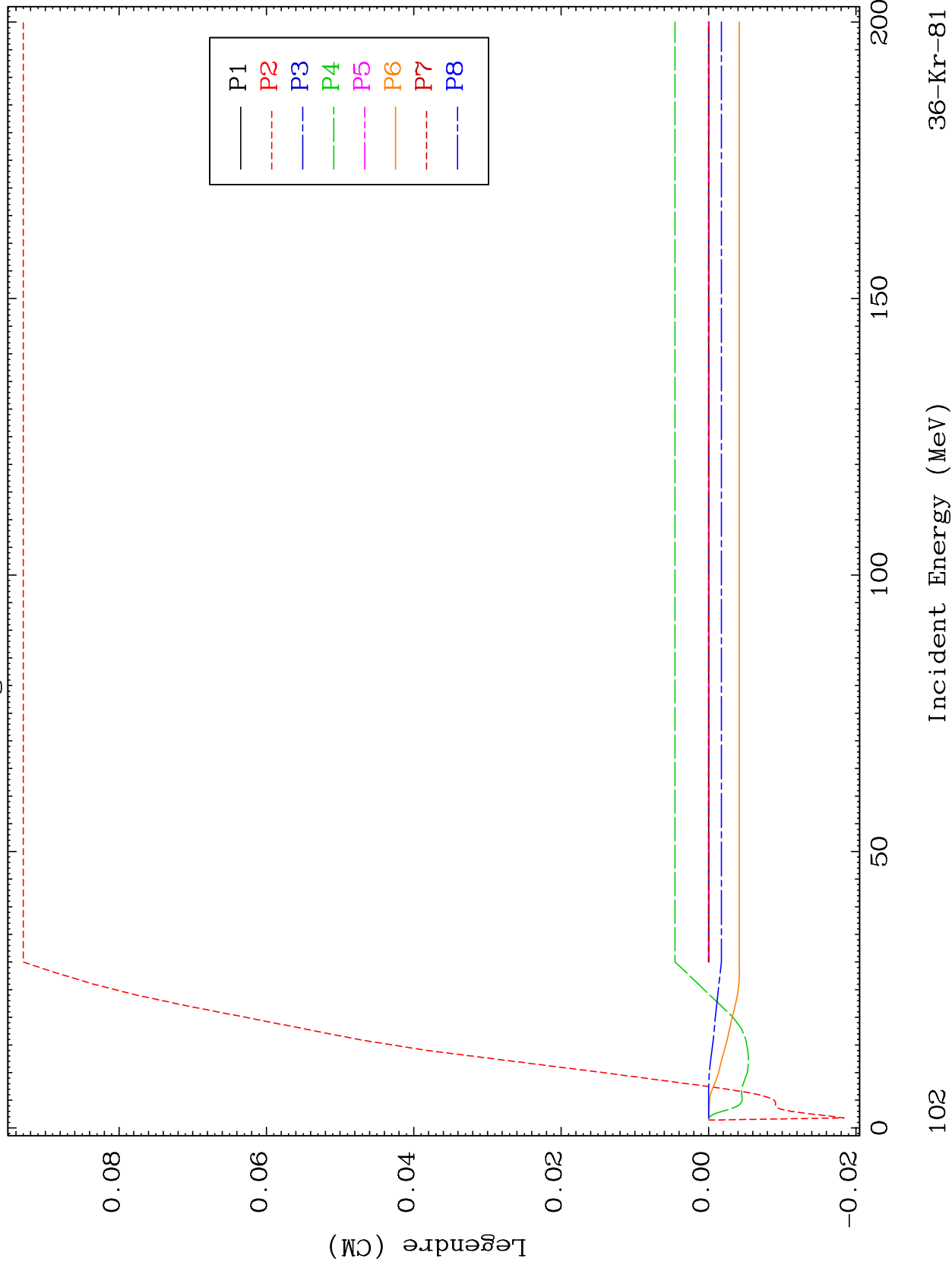
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

36-Kr-81



36-Kr-81

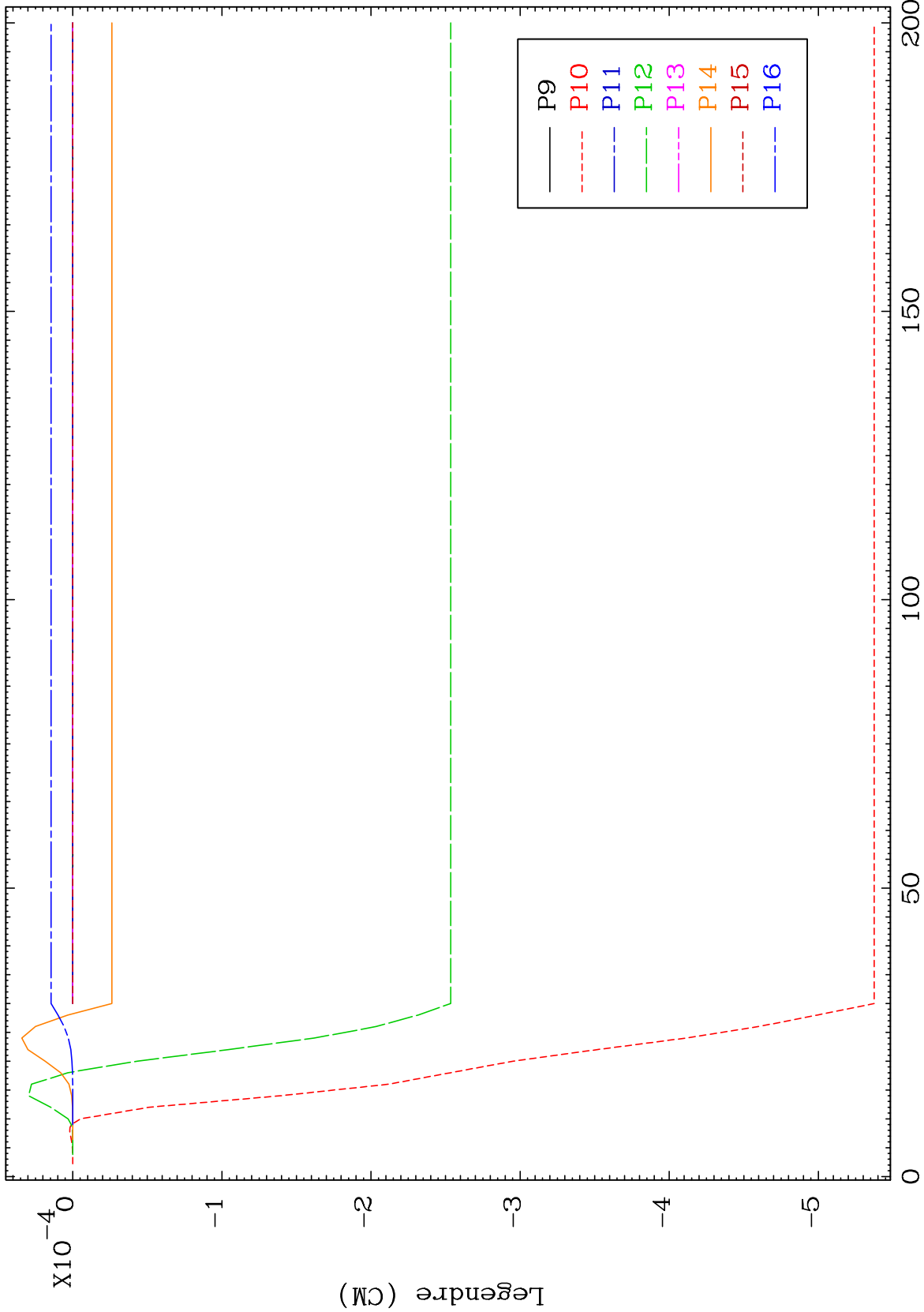
Incident Energy (MeV)

102

MAT 3634

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

36-Kr-81



103

Incident Energy (MeV)

36-Kr-81

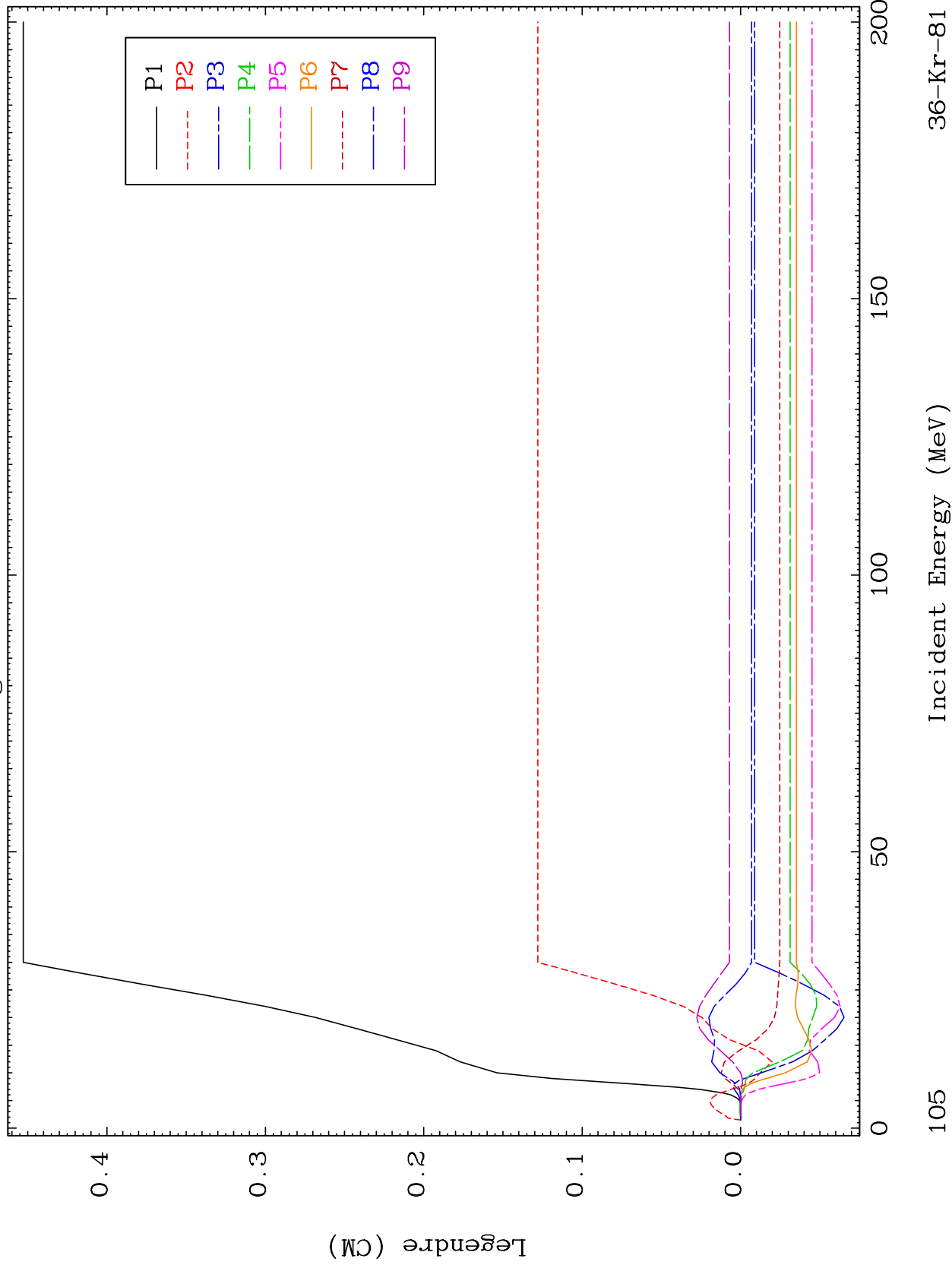




MAT 3634

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

36-Kr-81



36-Kr-81

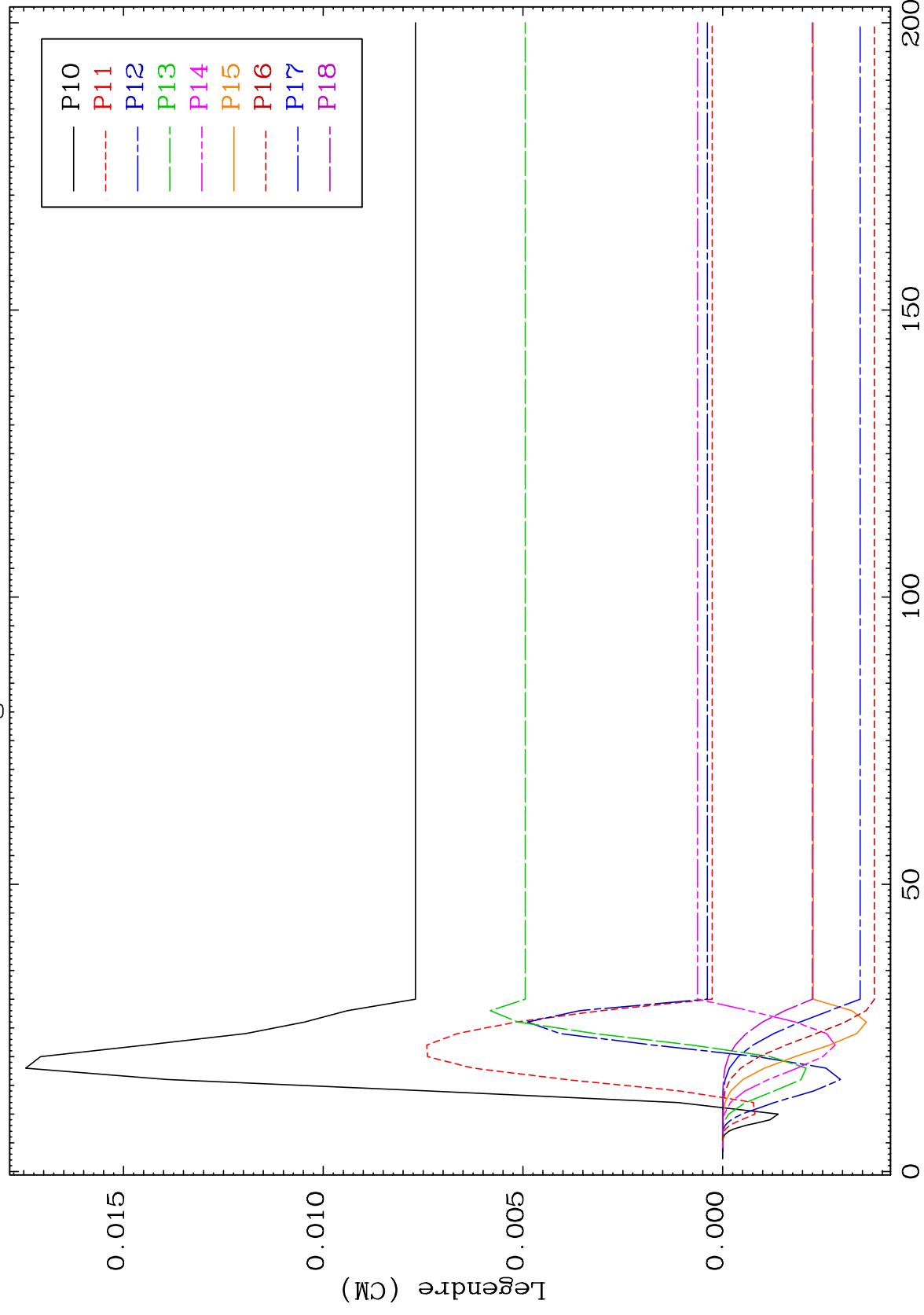
Incident Energy (MeV)

105

MAT 3634

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

36-Kr-81



106

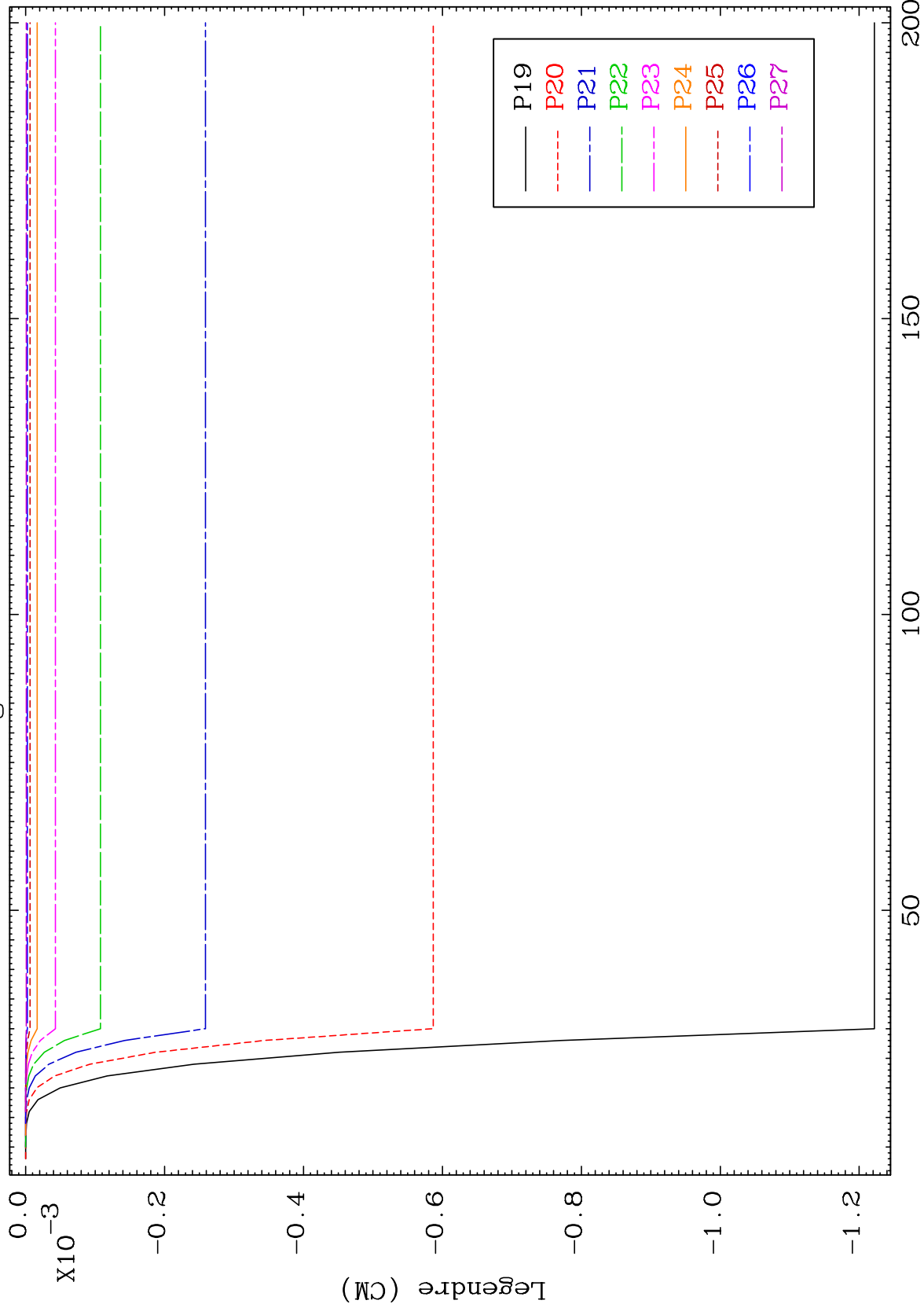
Incident Energy (MeV)

36-Kr-81

MAT 3634

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

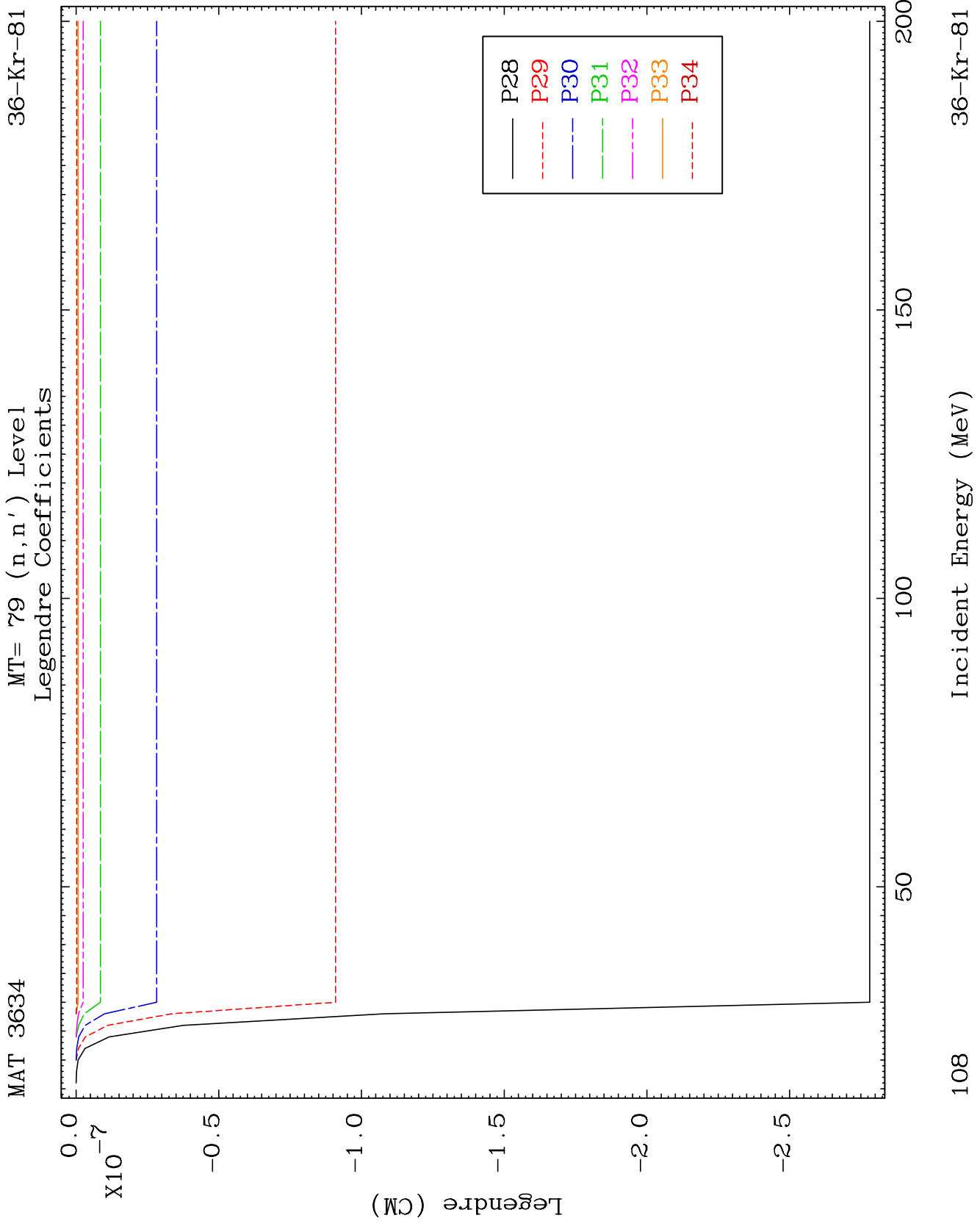
36-Kr-81



107

Incident Energy (MeV)

36-Kr-81

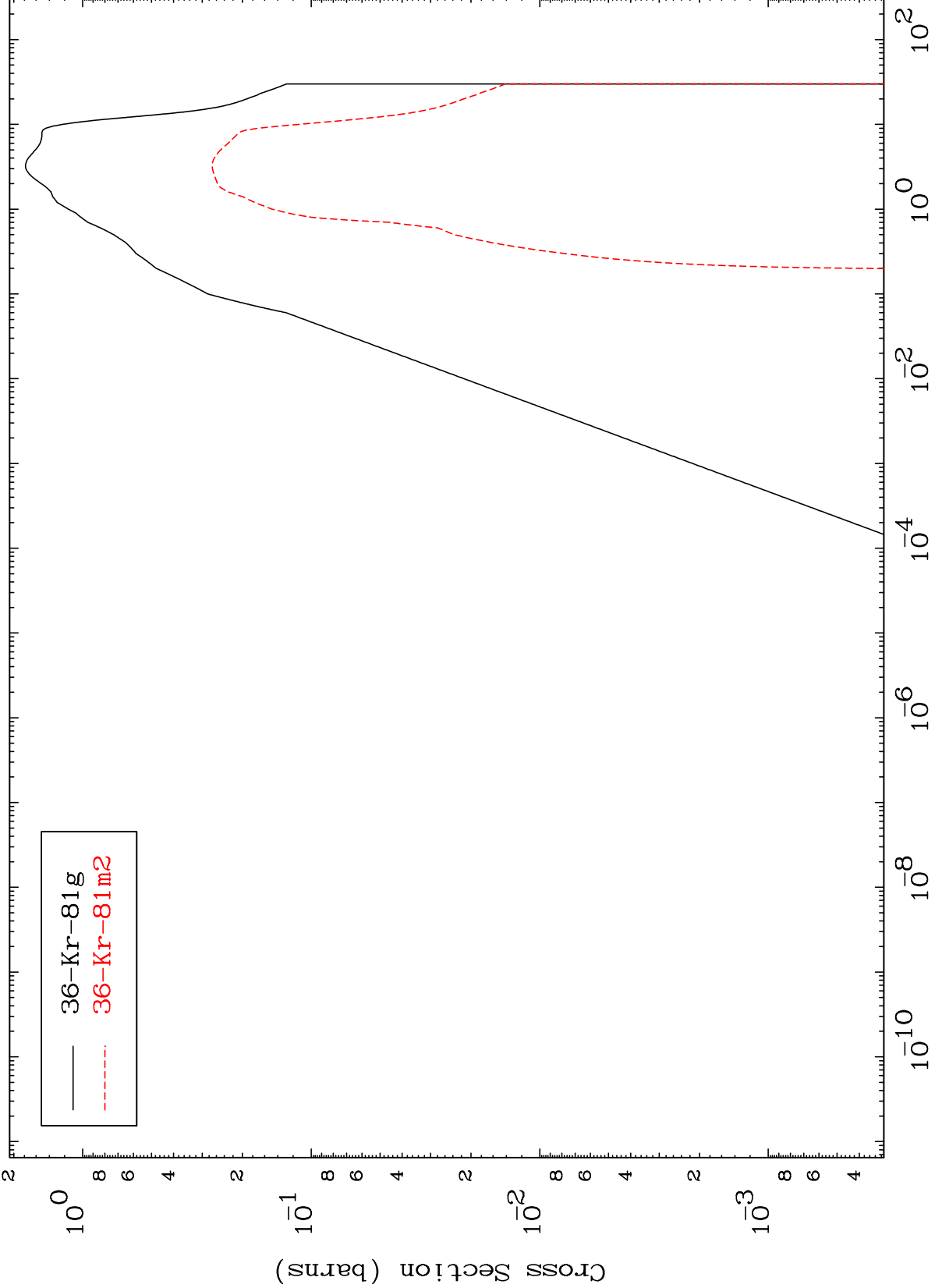


MAT 3634

Inelastic

<sup>36</sup>Kr-81

Radionuclide Production Cross Section



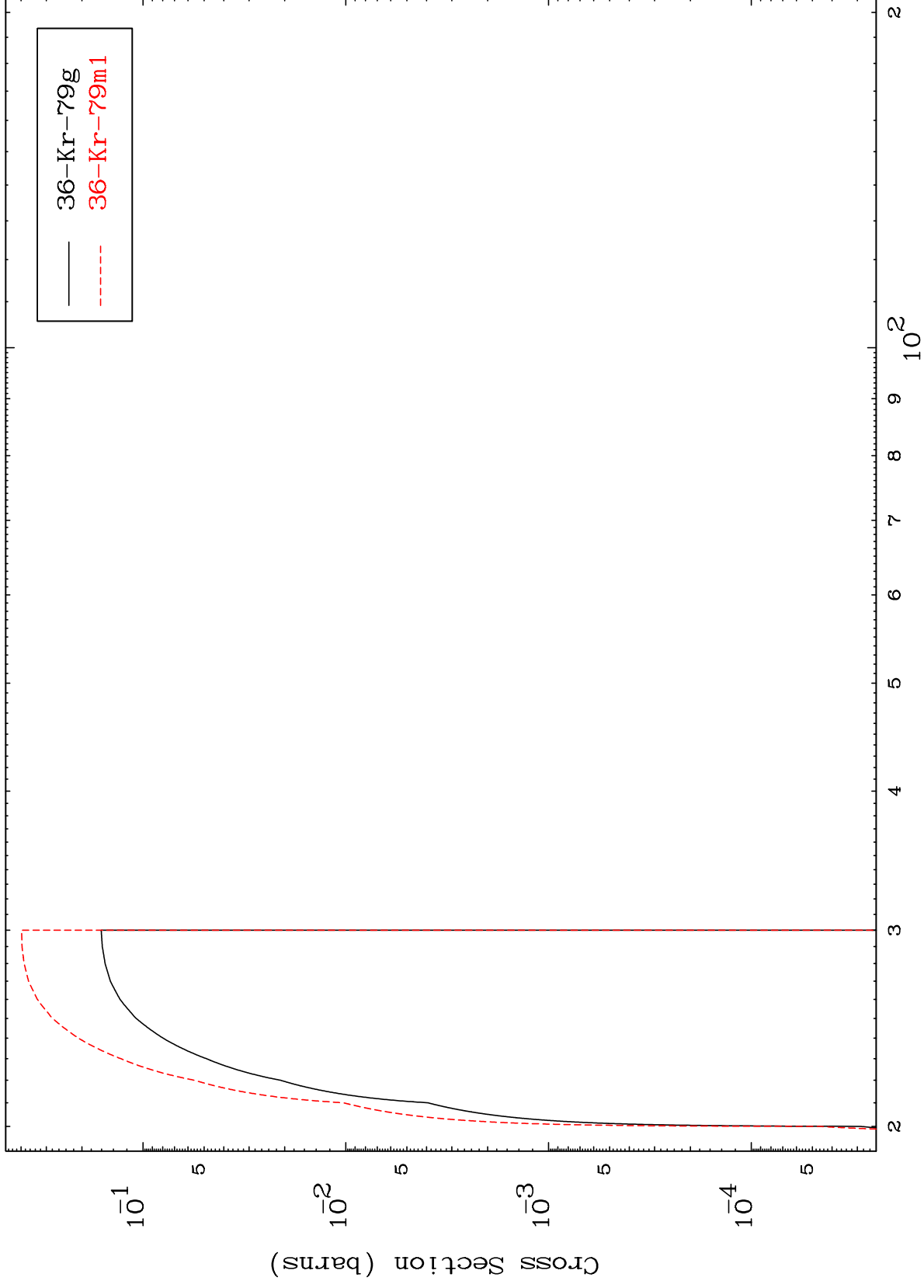
— 36-Kr-81 g  
- - - 36-Kr-81 m2

MAT 3634

(n,3n)

36-Kr-81

Radionuclide Production Cross Section



110

Incident Energy (MeV)

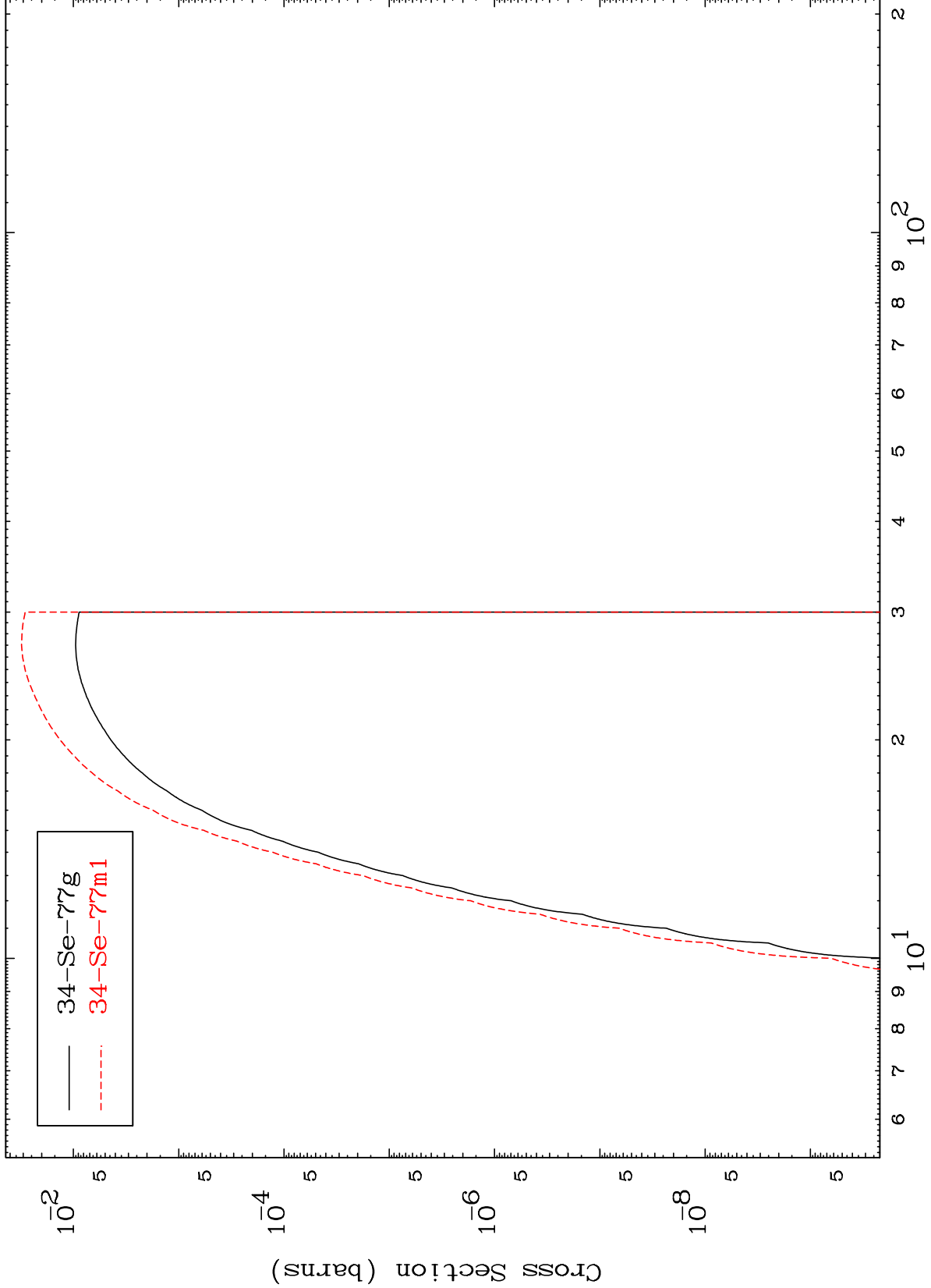
36-Kr-81

MAT 3634

36-Kr-81

(n,n')  $\alpha$

Radionuclide Production Cross Section



111

Incident Energy (MeV)

36-Kr-81

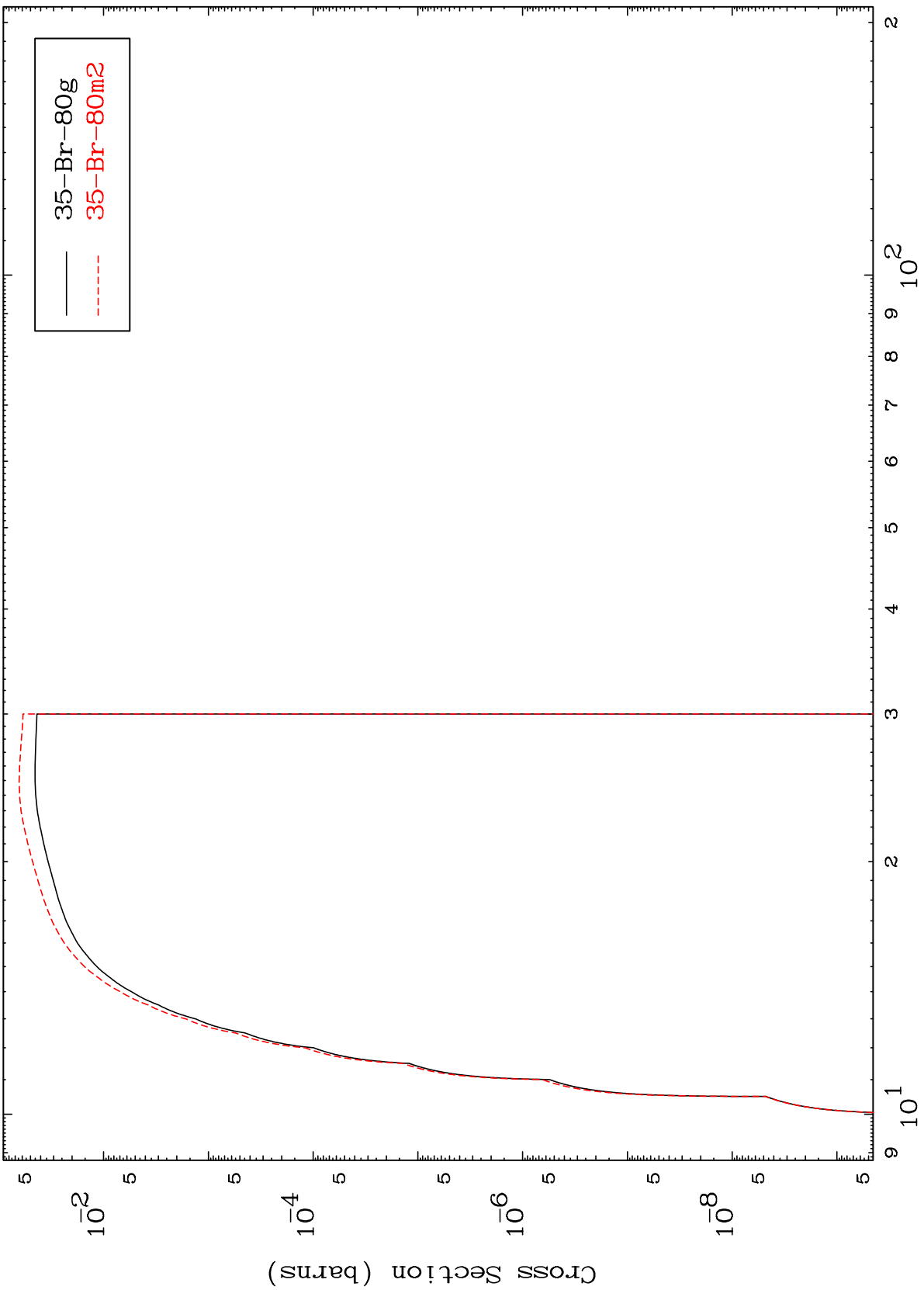


MAT 3634

$(n, n')$  p

36-Kr-81

Radionuclide Production Cross Section

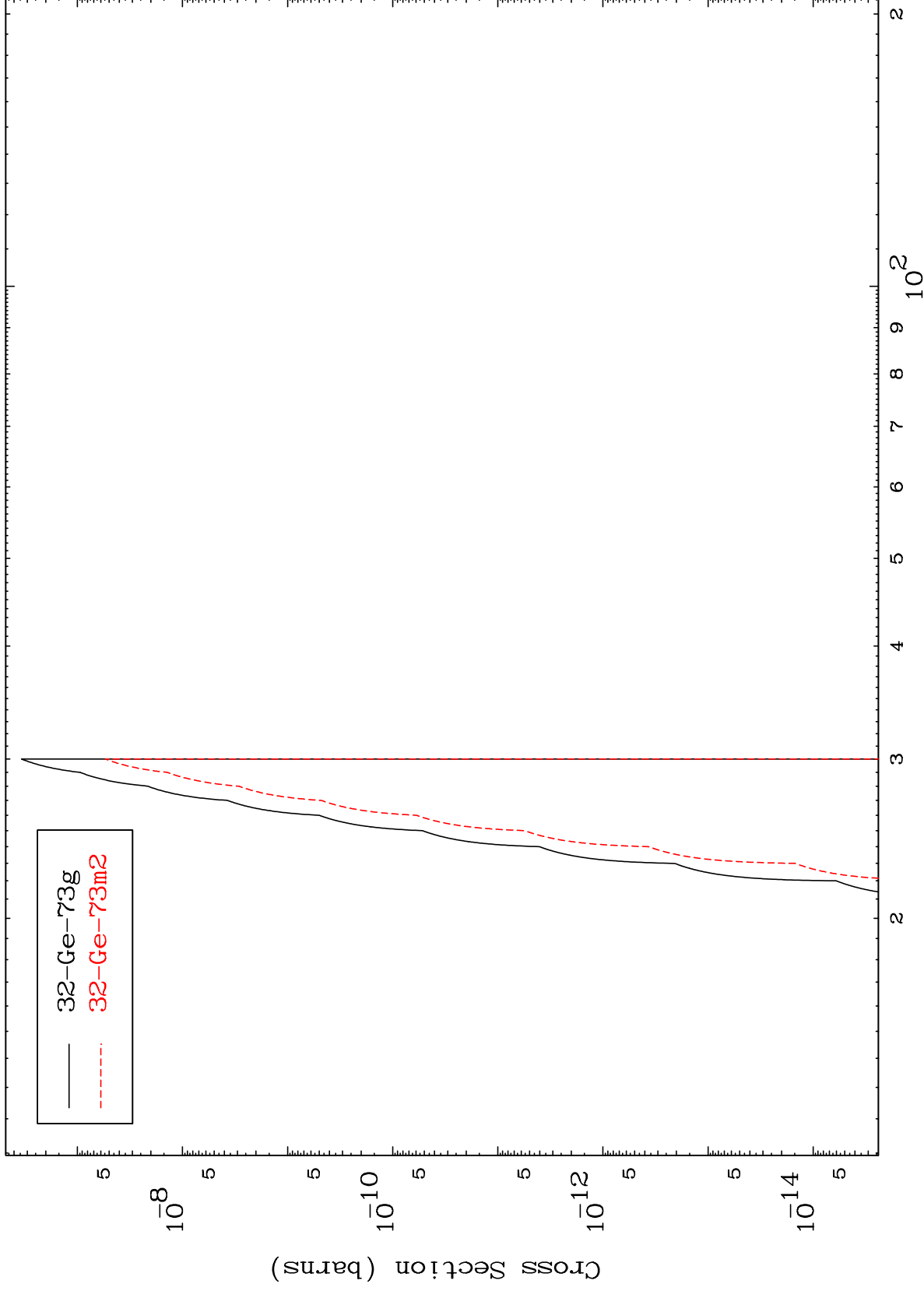


112

Incident Energy (MeV)

36-Kr-81

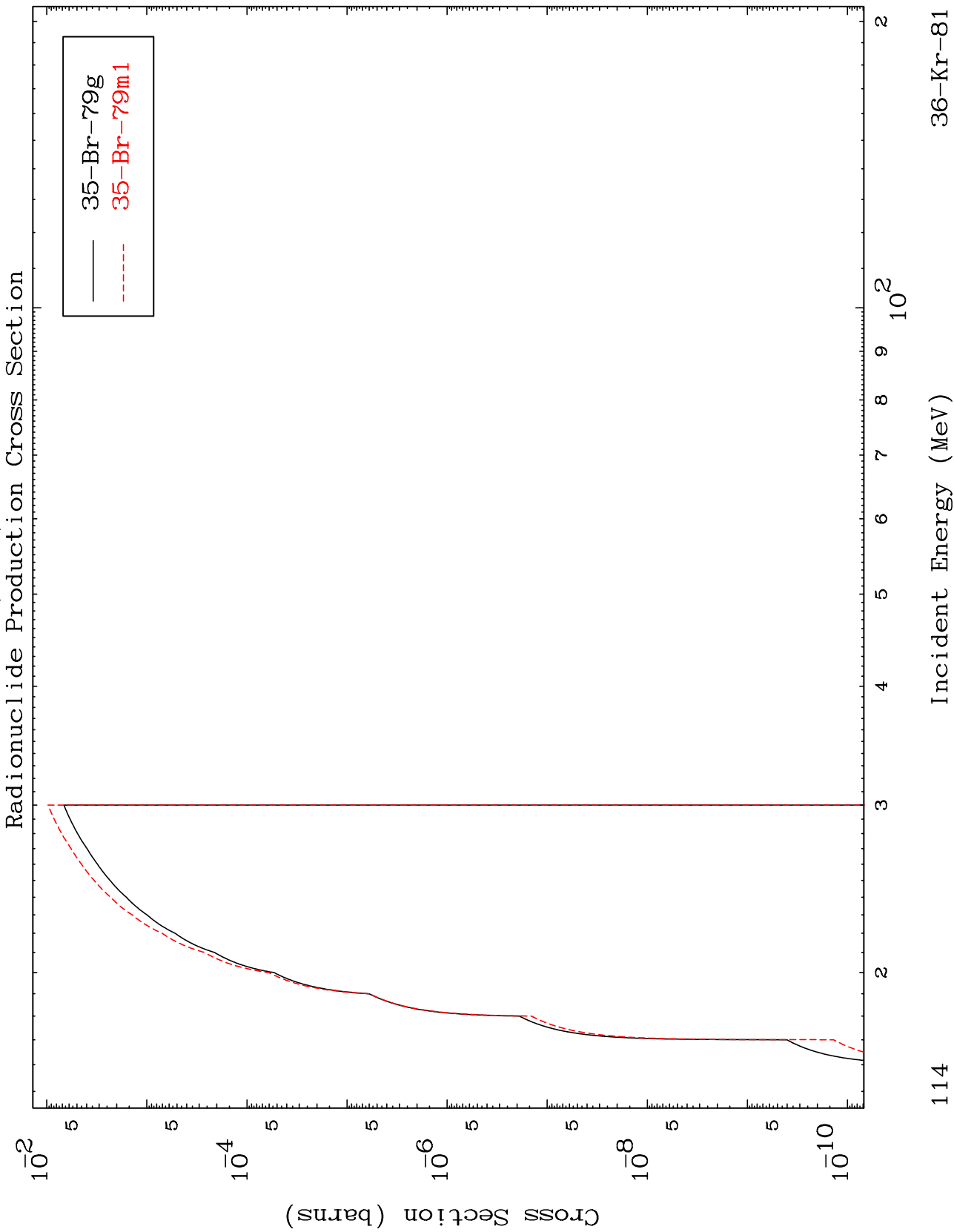
Radionuclide Production Cross Section



MAT 3634

(n,n') d

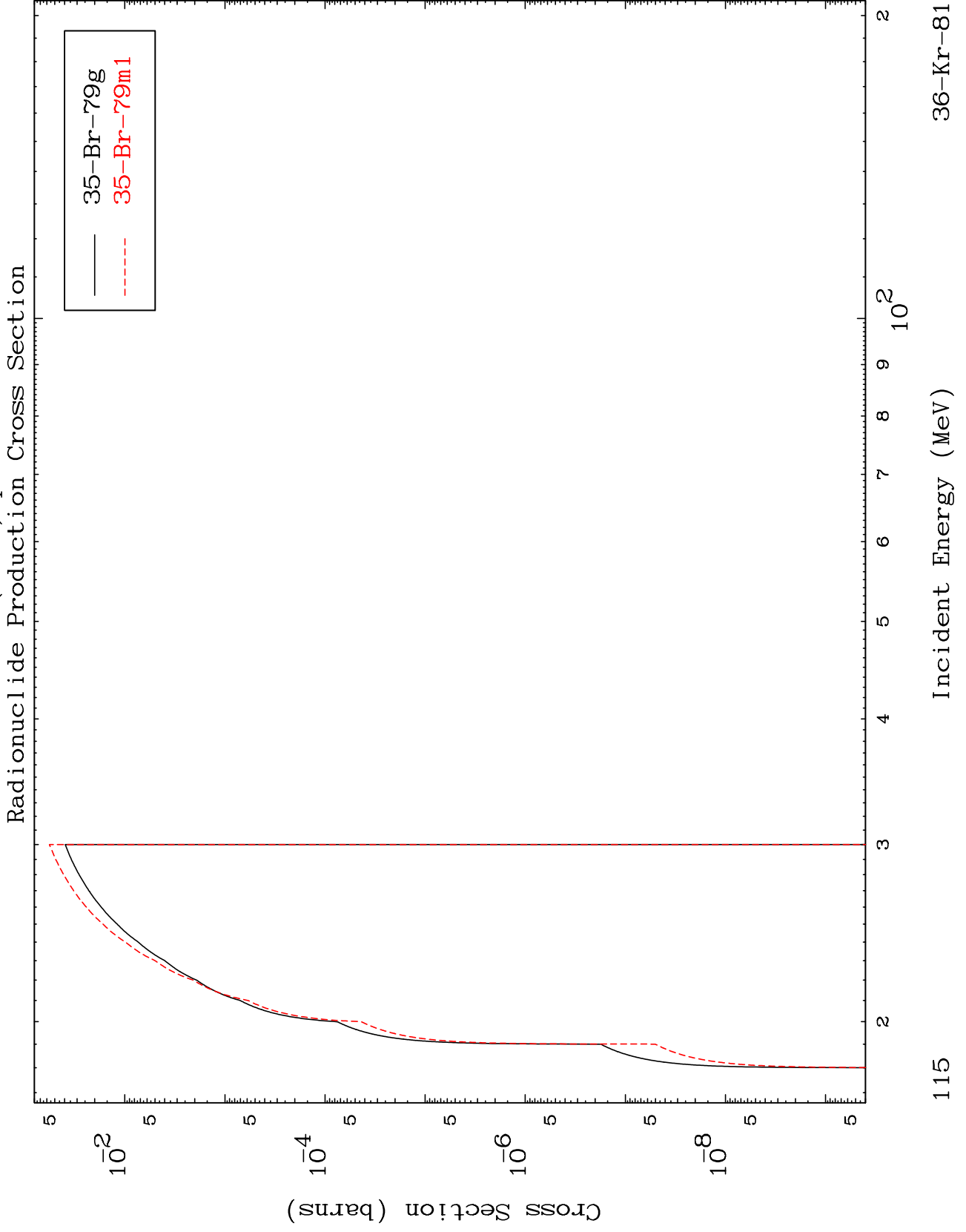
36-Kr-81

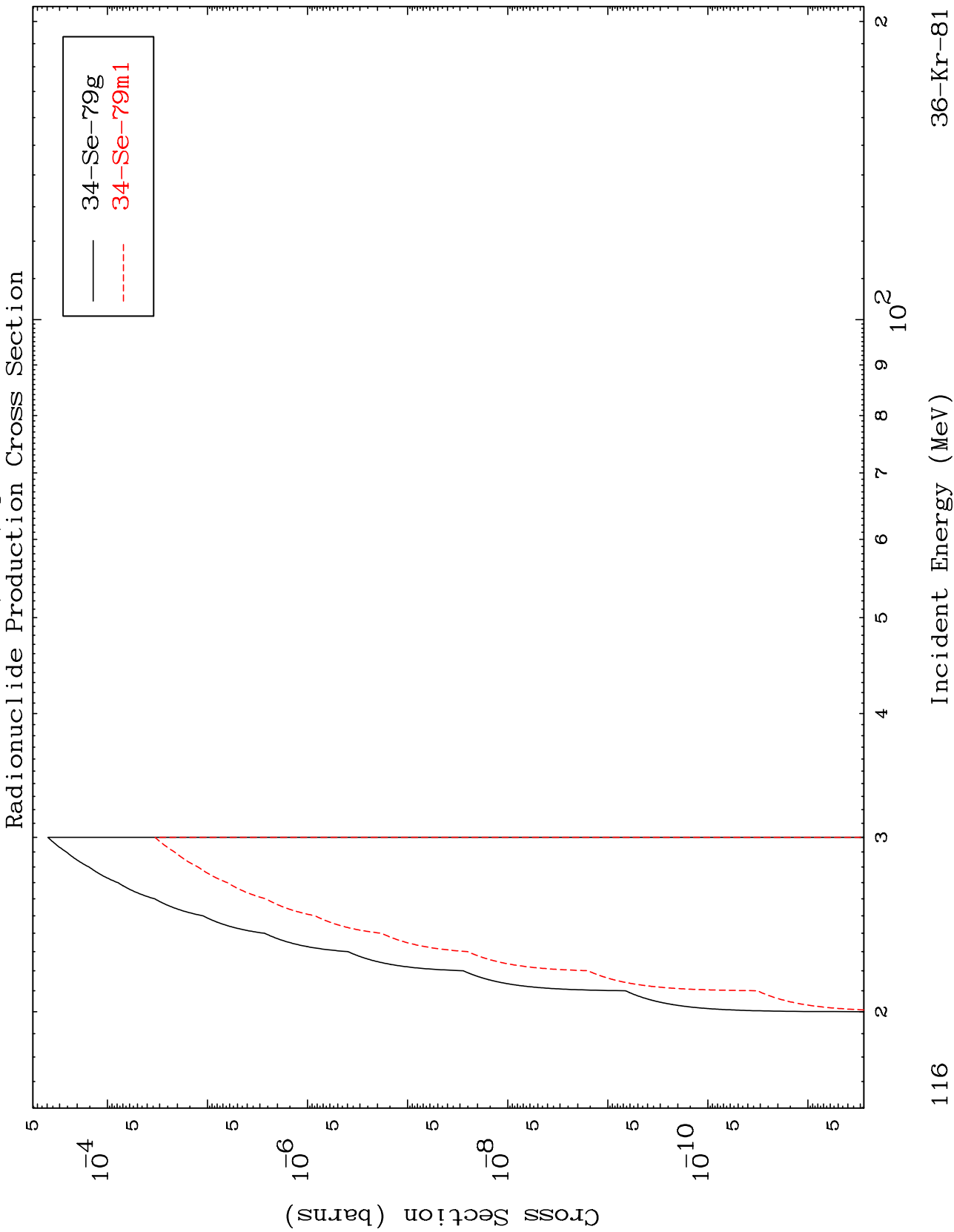


114

Incident Energy (MeV)

36-Kr-81

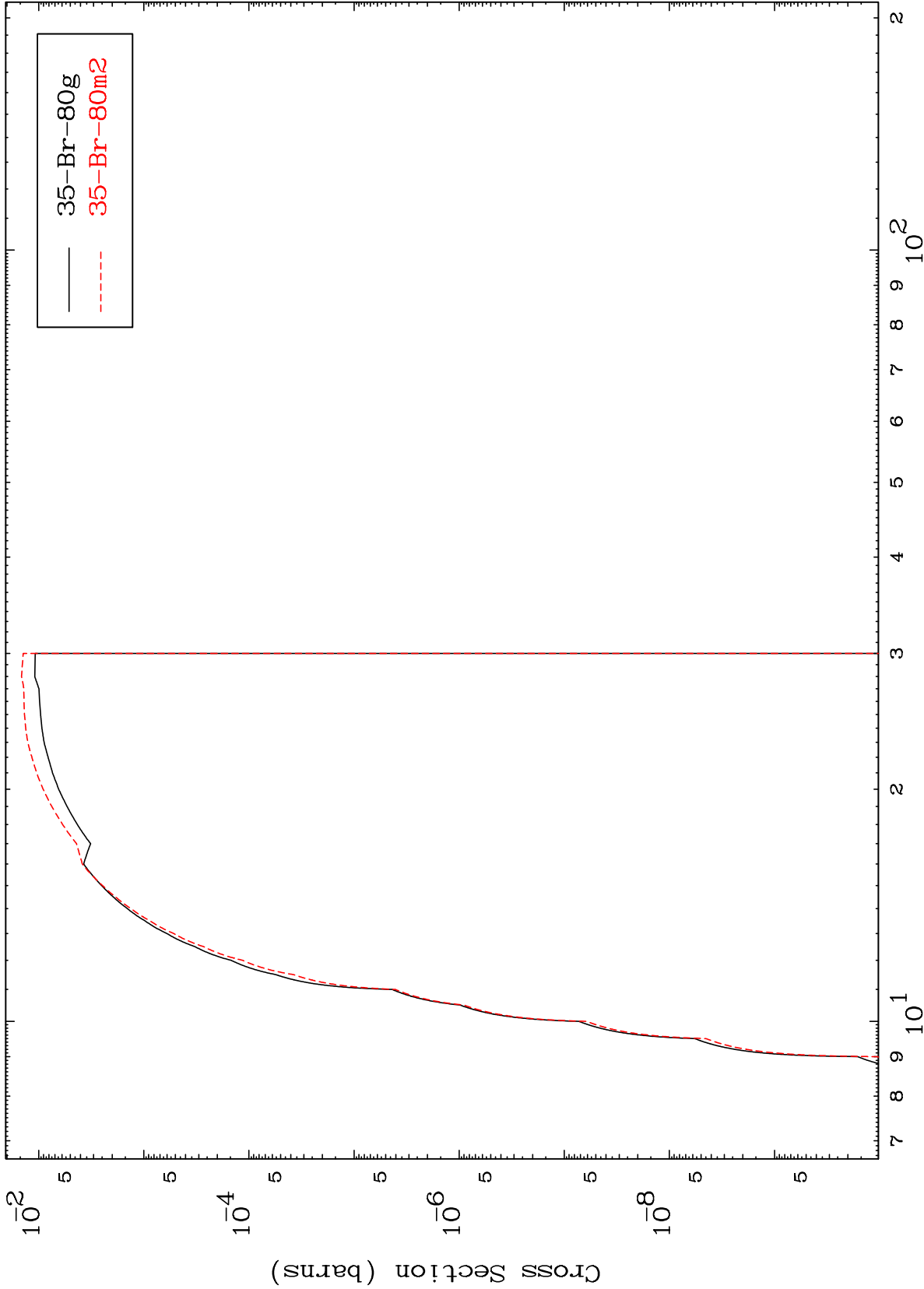




MAT 3634

36-Kr-81

(n,d)  
Radionuclide Production Cross Section



117

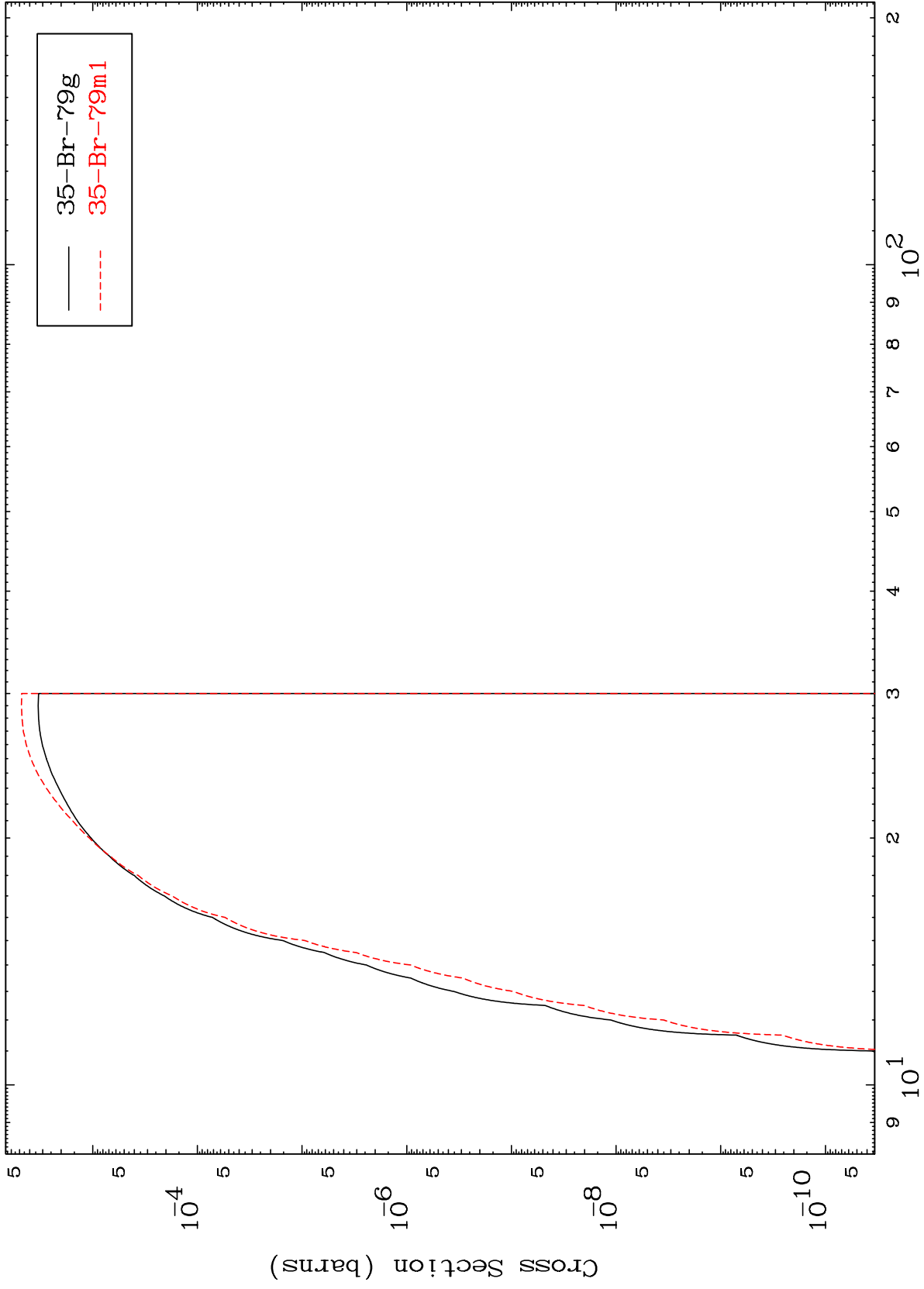
Incident Energy (MeV)

36-Kr-81

MAT 3634

36-Kr-81

(n,t)  
Radionuclide Production Cross Section



118

Incident Energy (MeV)

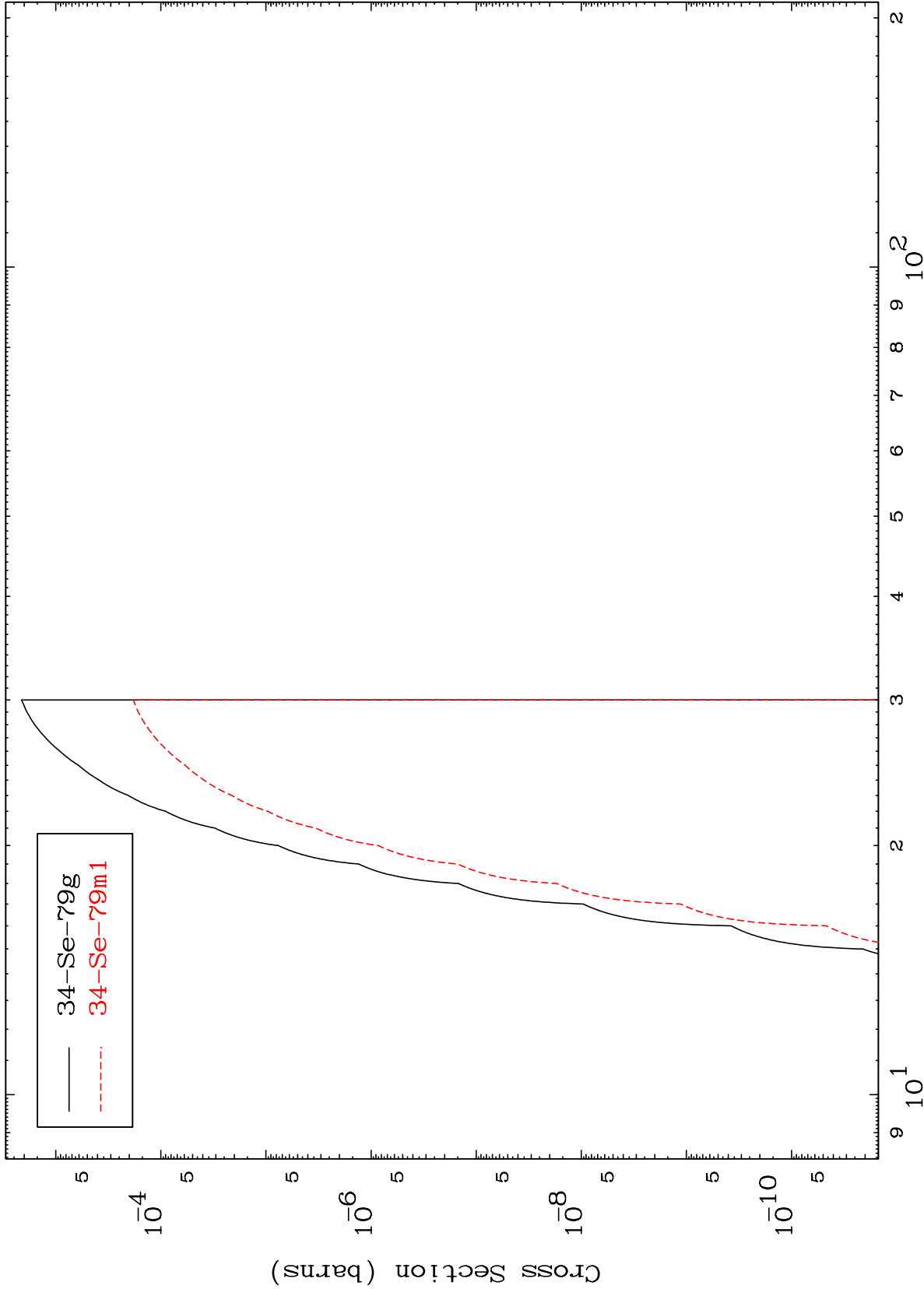
36-Kr-81

MAT 3634

(n,He-3)

36-Kr-81

Radionuclide Production Cross Section



34-Se-79g  
34-Se-79m1

119

Incident Energy (MeV)

36-Kr-81

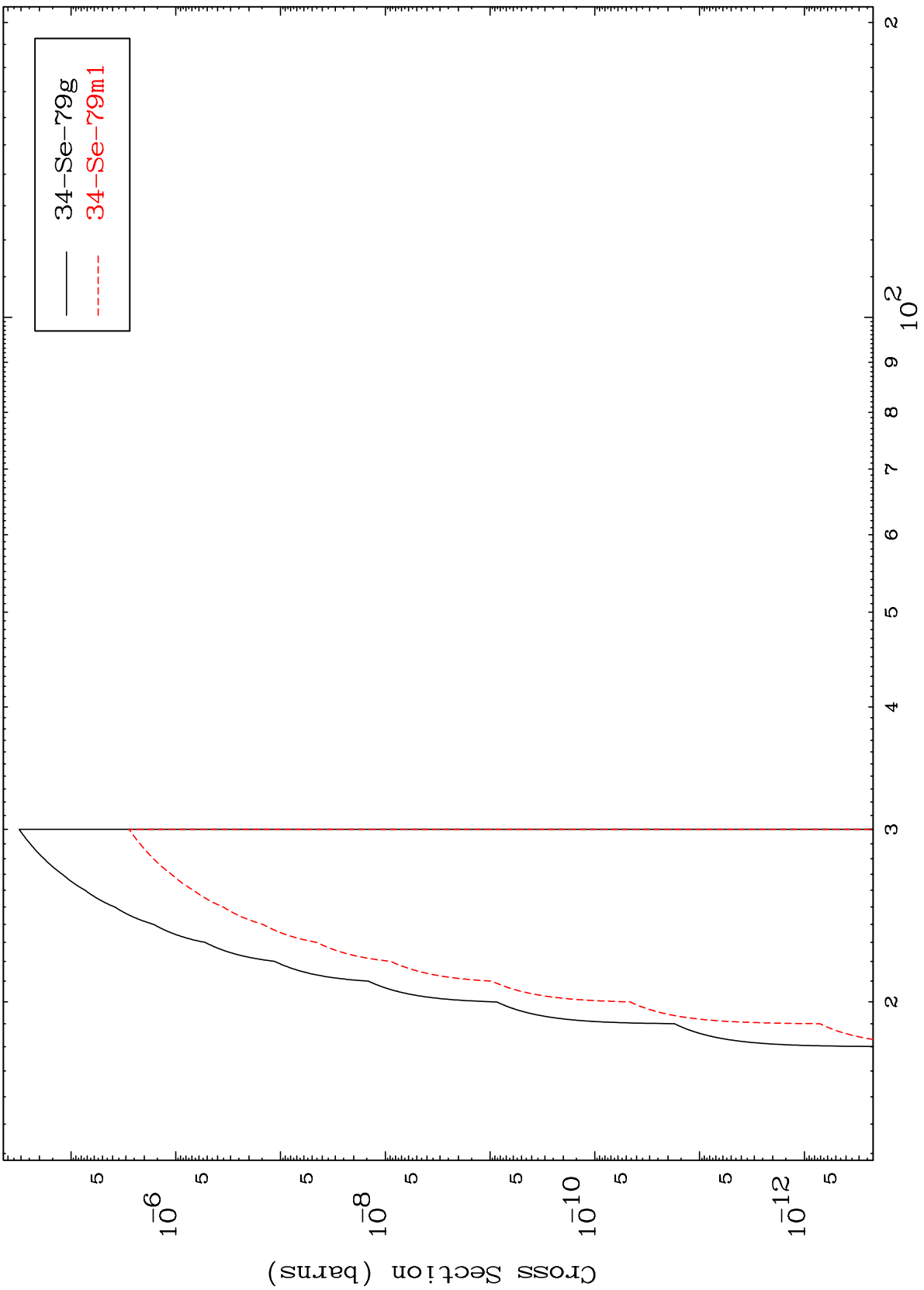


MAT 3634

(n,p) d

36-Kr-81

Radionuclide Production Cross Section



34-Se-79g  
34-Se-79m1

120

Incident Energy (MeV)

36-Kr-81