

Program EVALPLOT  
(Version 2021-1)

by

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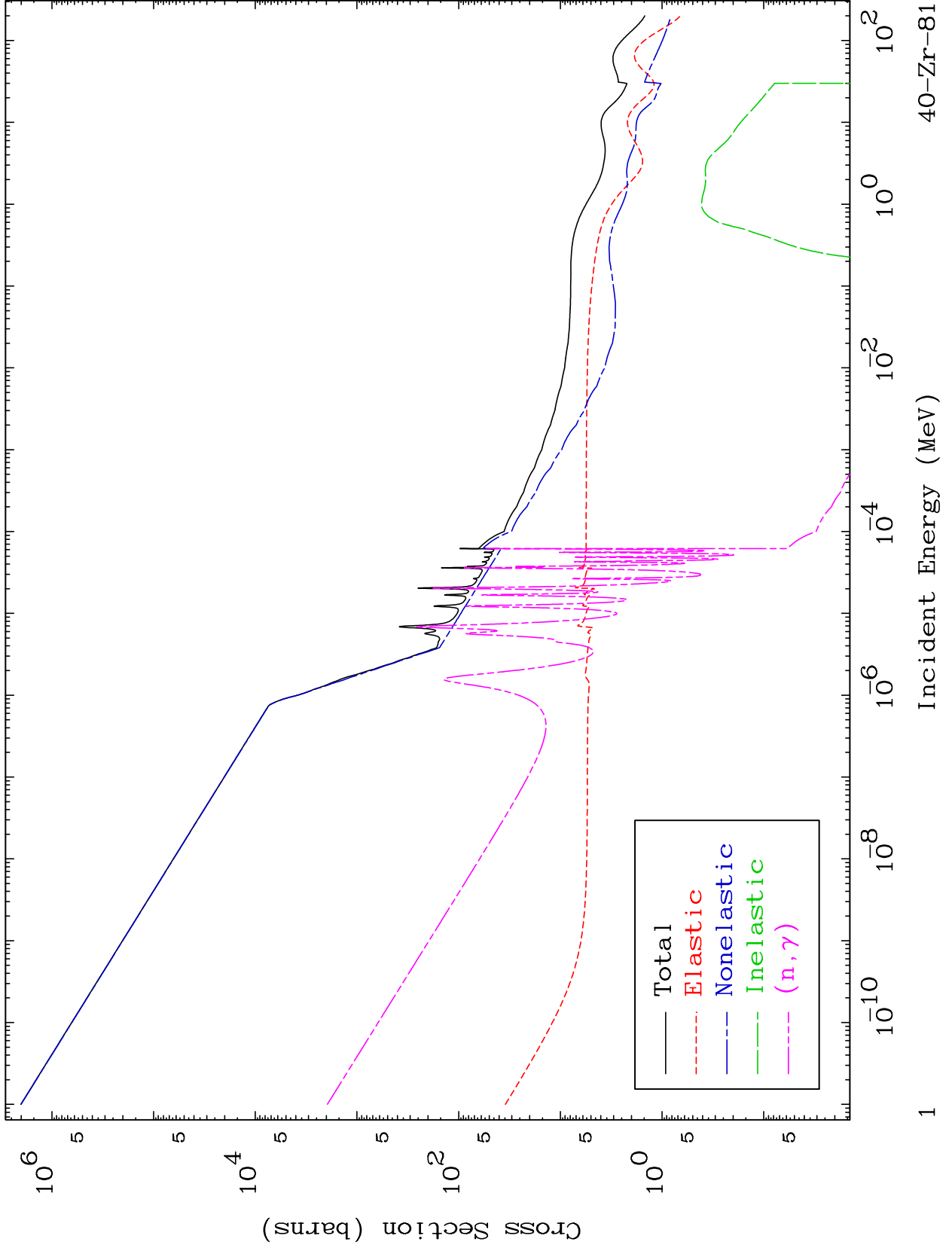
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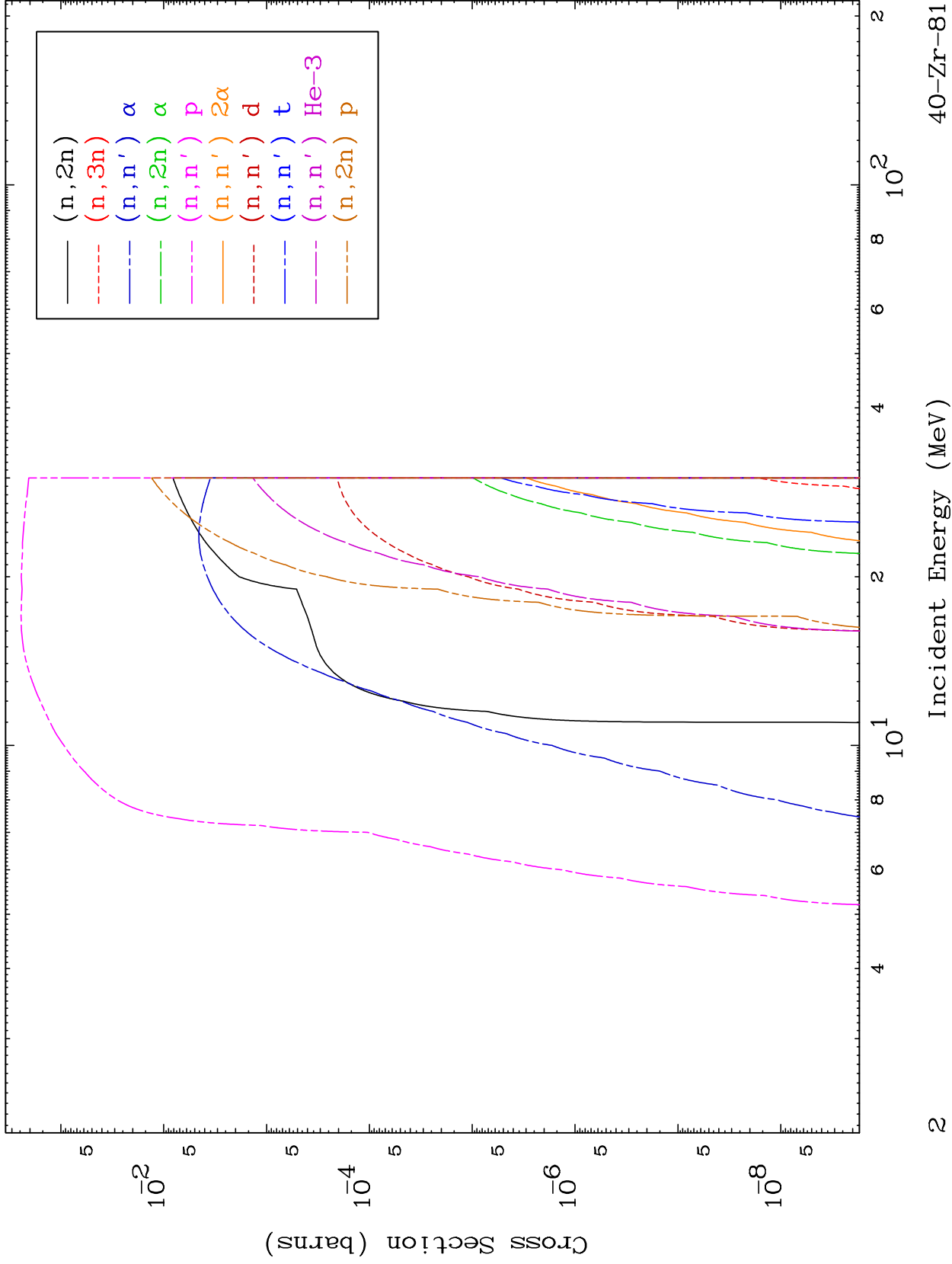
Press Mouse Button to Start

MAT 3998

Neutron Major  
293 Kelvin Cross Sections

40-Zr-81

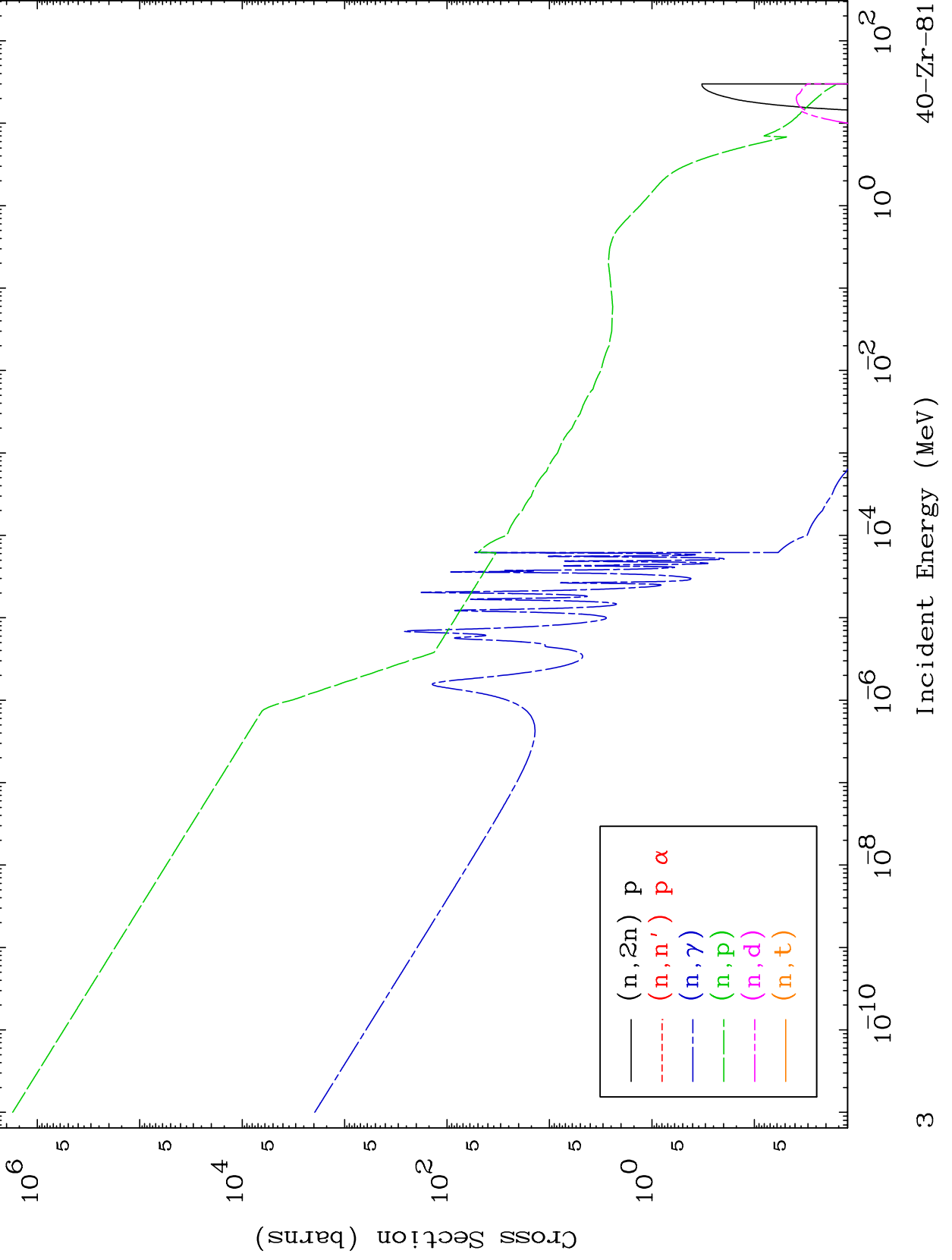




MAT 3998

Neutron Absorption  
293 Kelvin Cross Sections

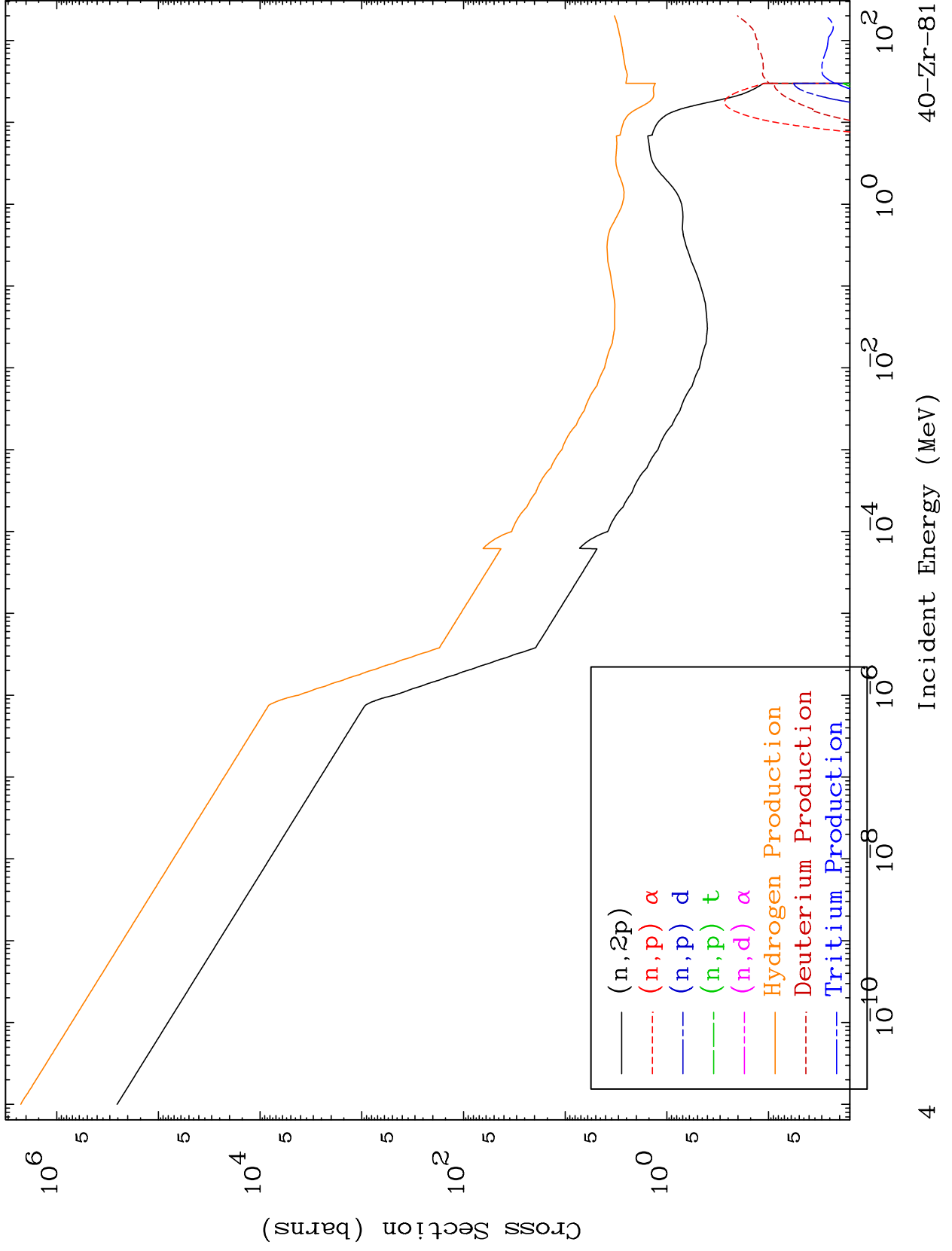
40-Zr-81



MAT 3998

Neutron Absorption  
293 Kelvin Cross Sections

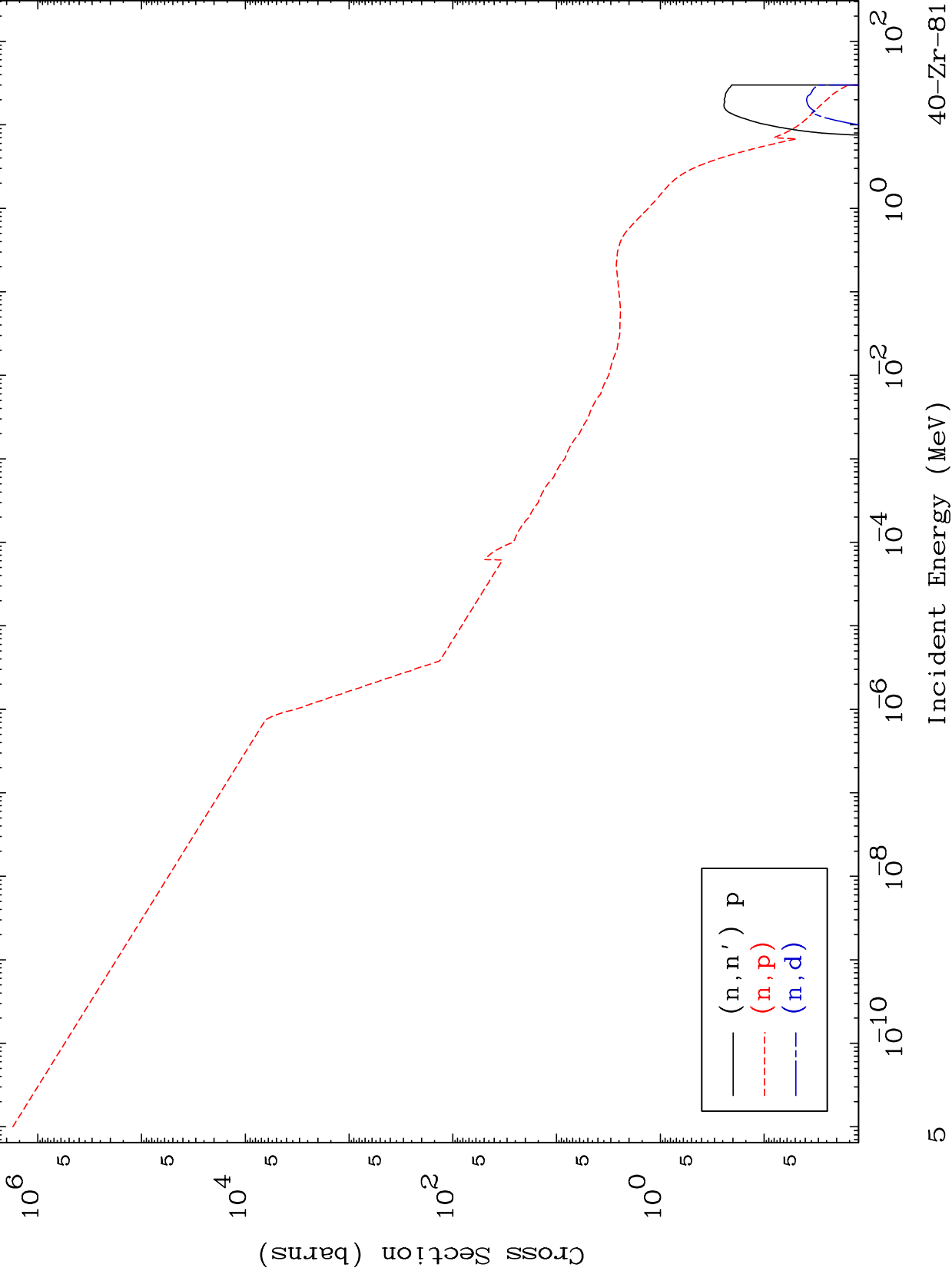
40-Zr-81



MAT 3998

Charged Particle  
293 Kelvin Cross Sections

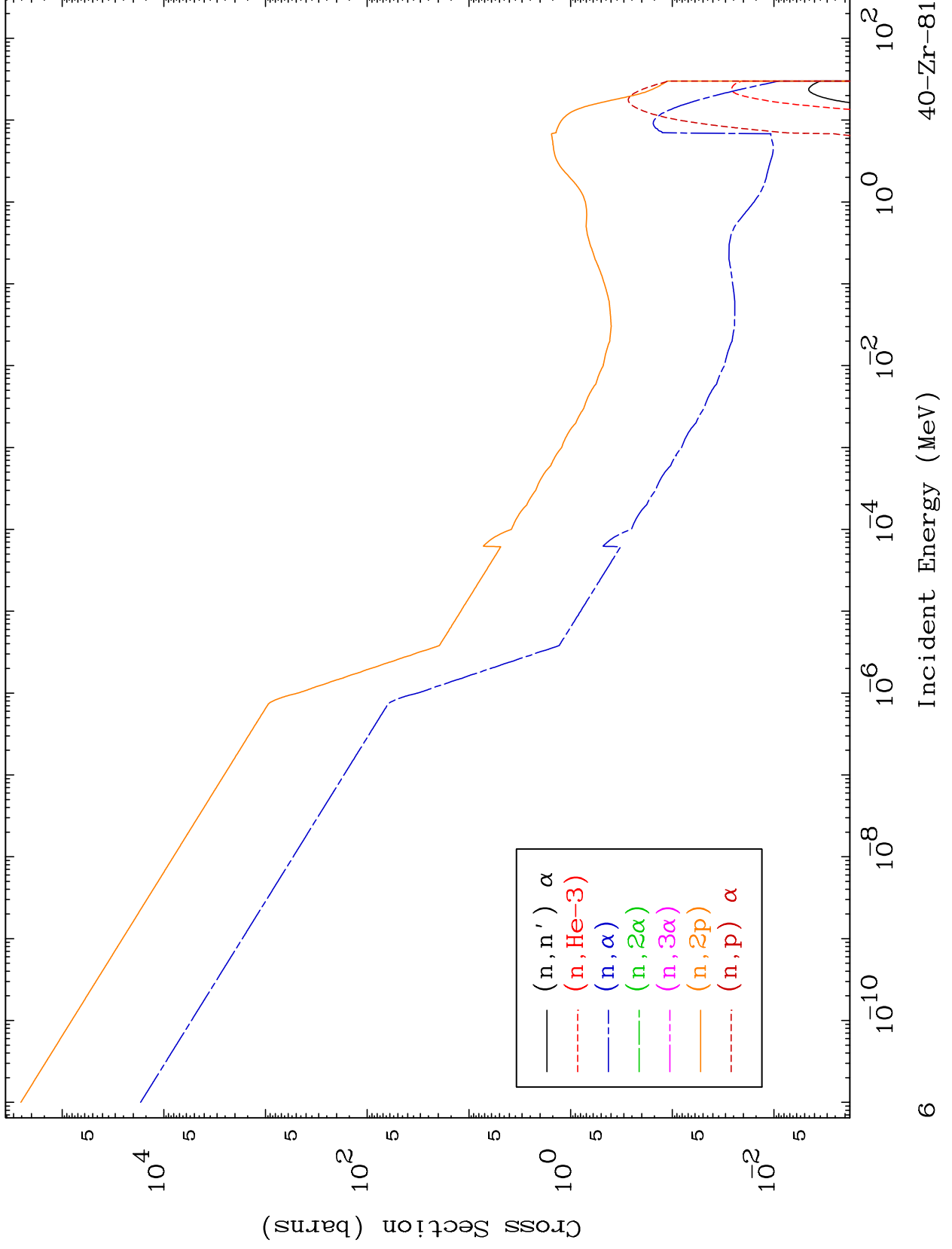
40-Zr-81



MAT 3998

Charged Particle  
293 Kelvin Cross Sections

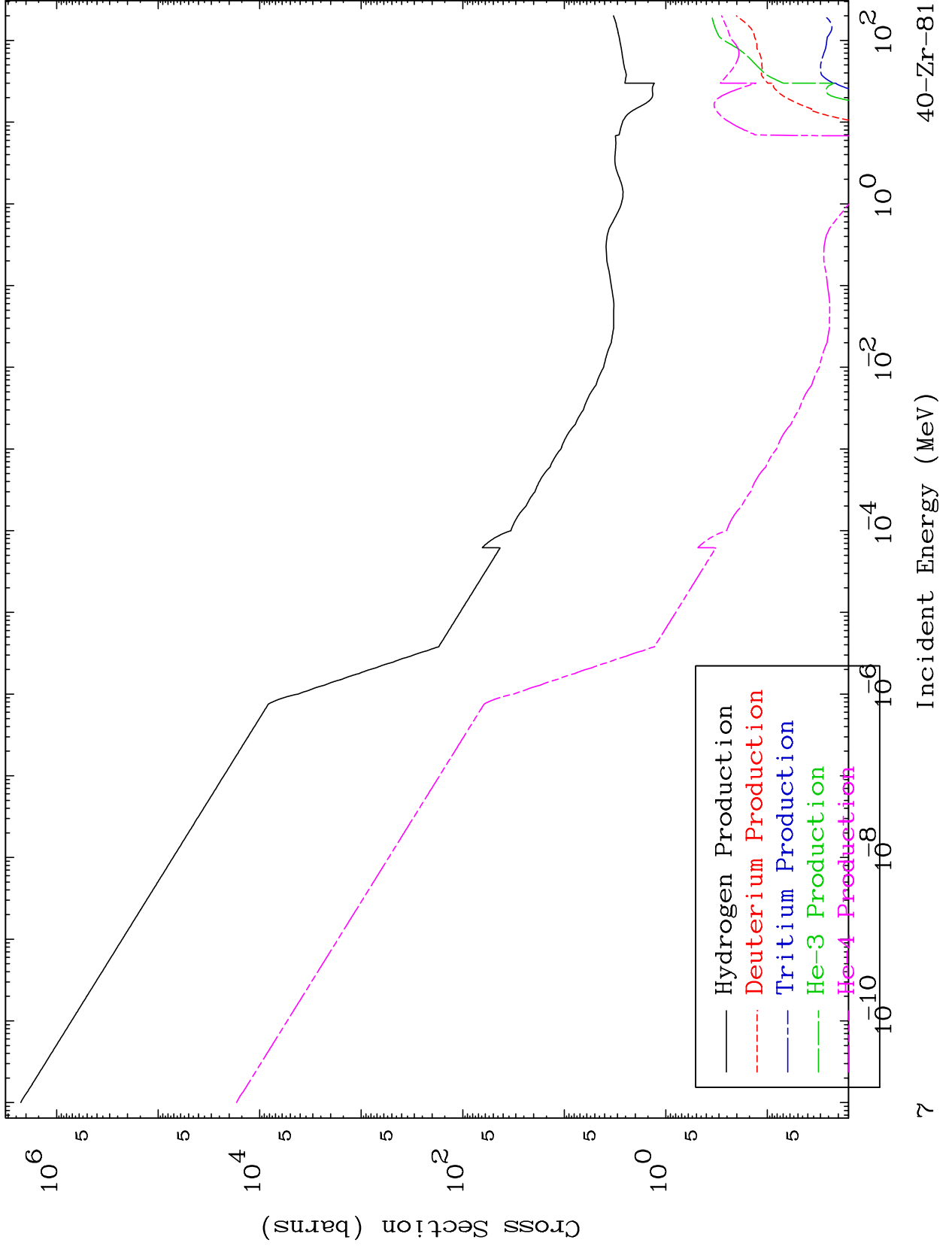
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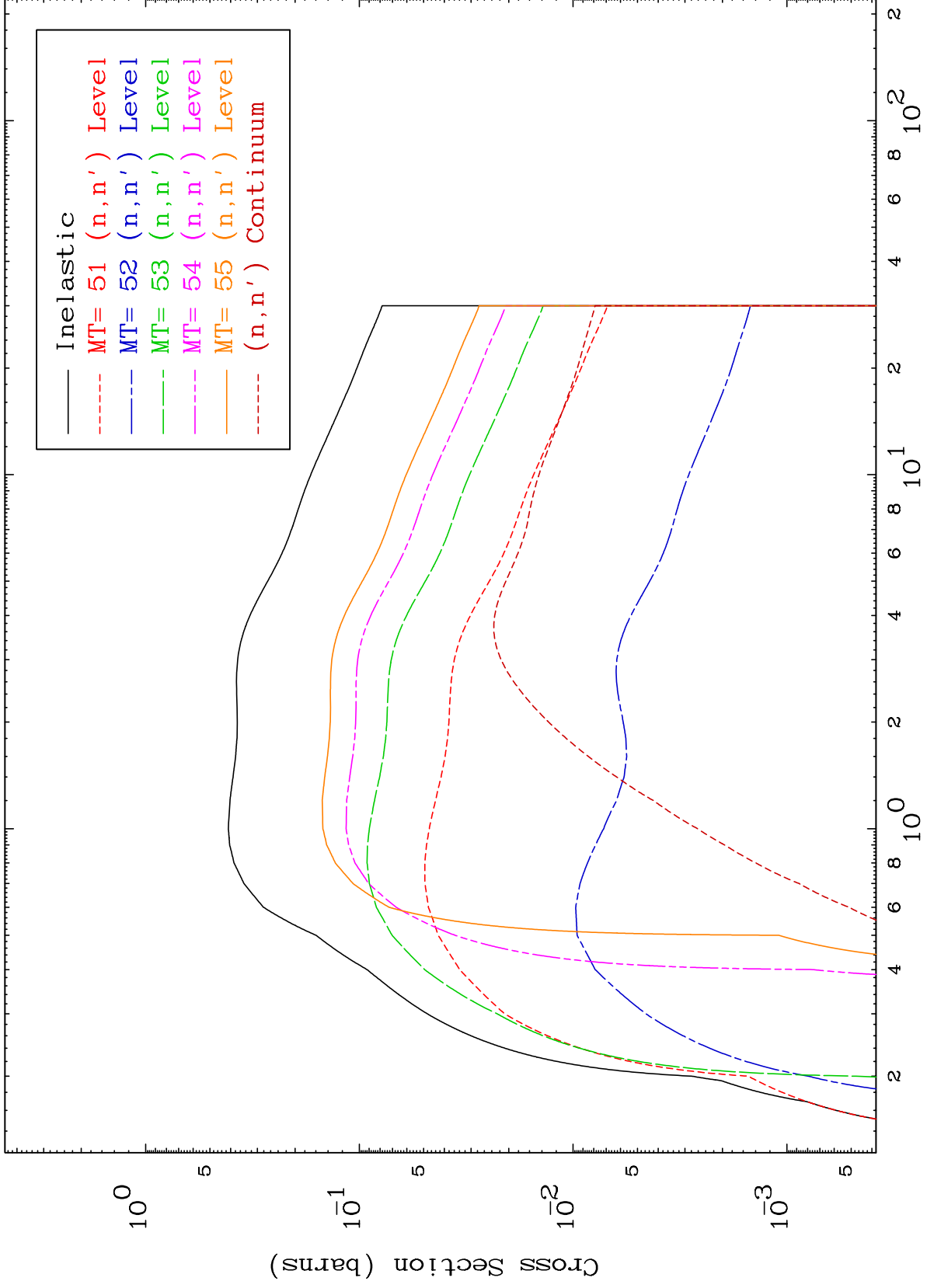


MAT 3998

Particle Production  
293 Kelvin Cross Sections

40-Zr-81

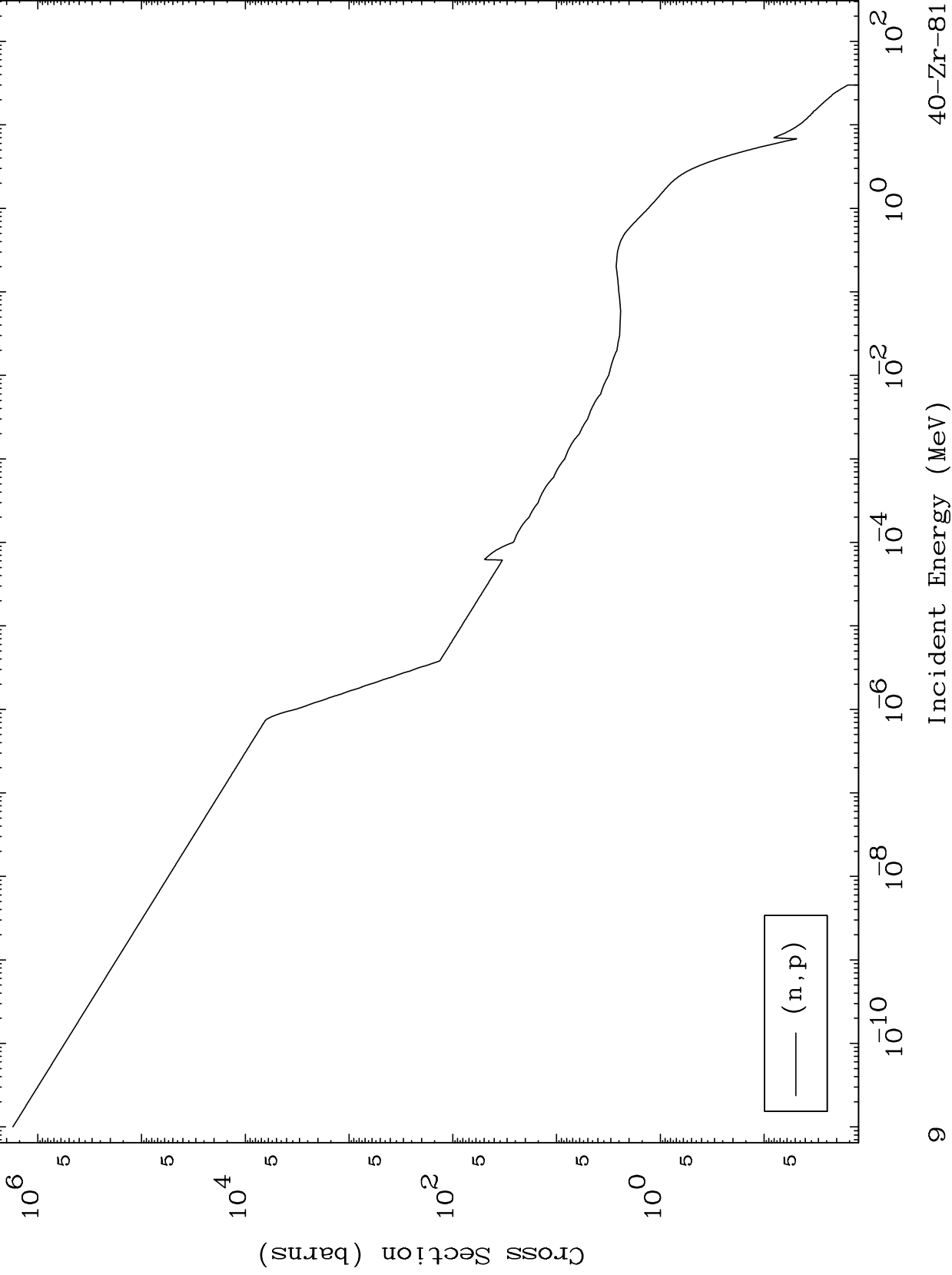




MAT 3998

(n,p) Levels  
293 Kelvin Cross Sections

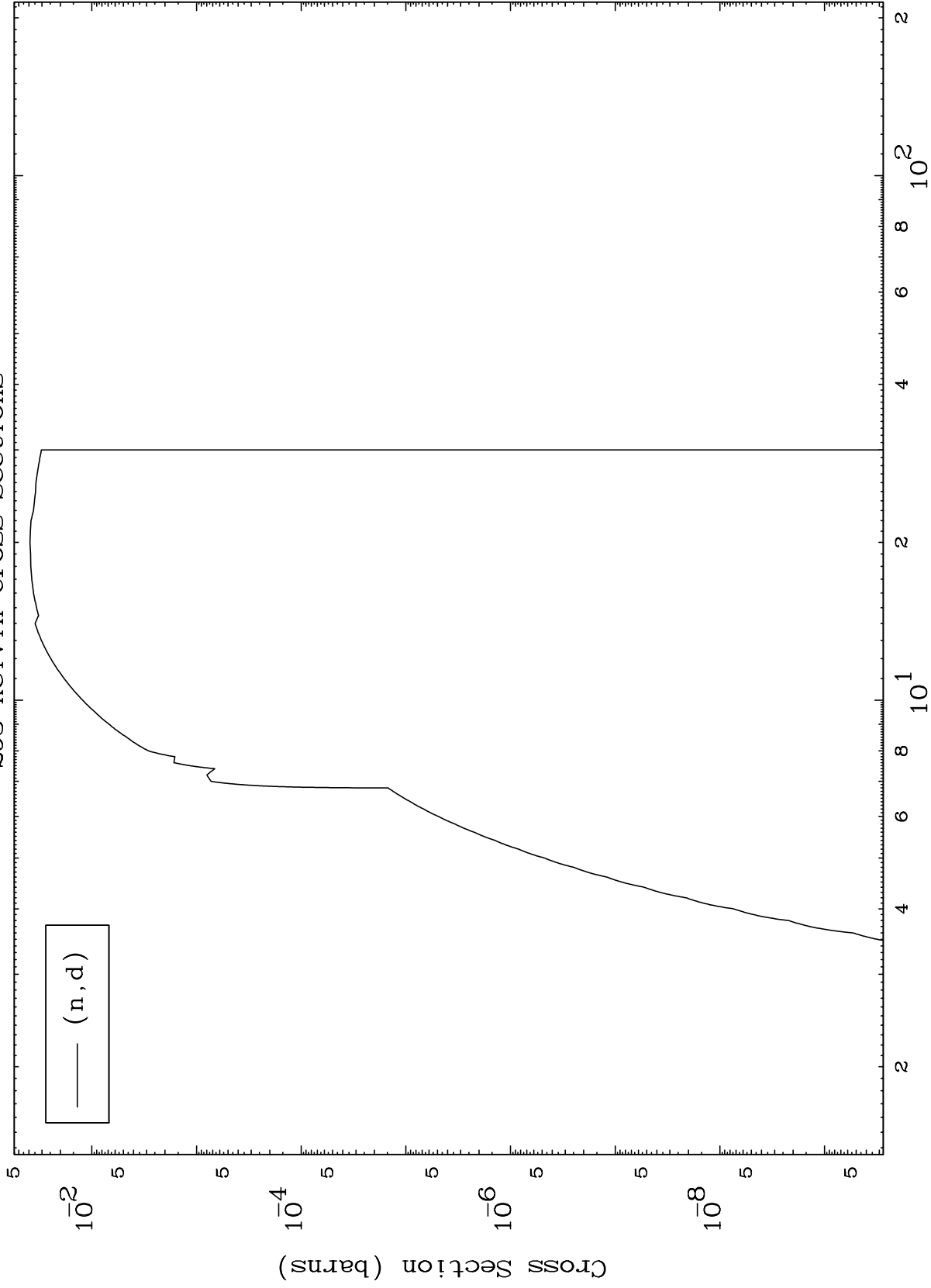
40-Zr-81



MAT 3998

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-81



10

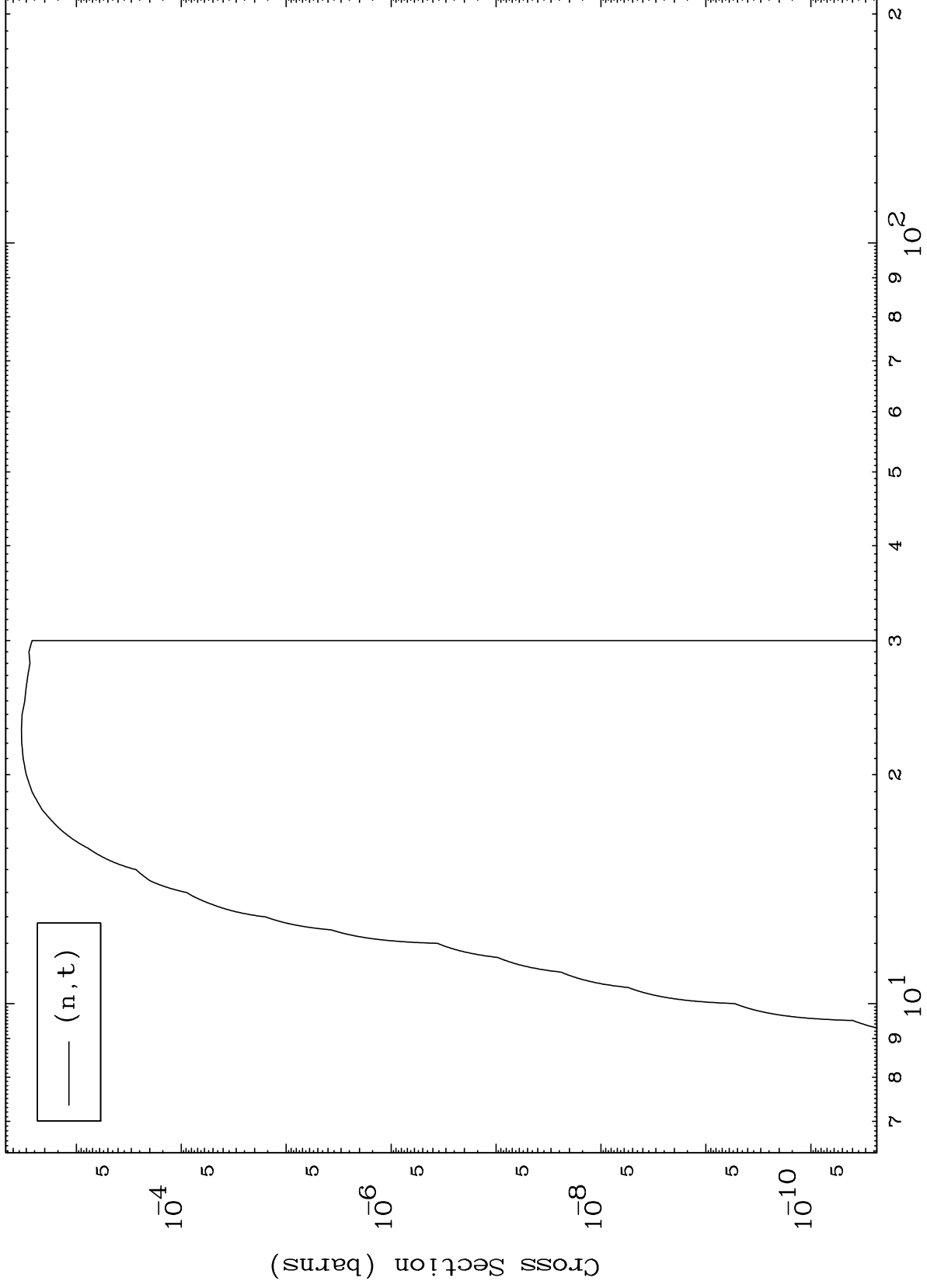
Incident Energy (MeV)

40-Zr-81

MAT 3998

(n,t) Levels  
293 Kelvin Cross Sections

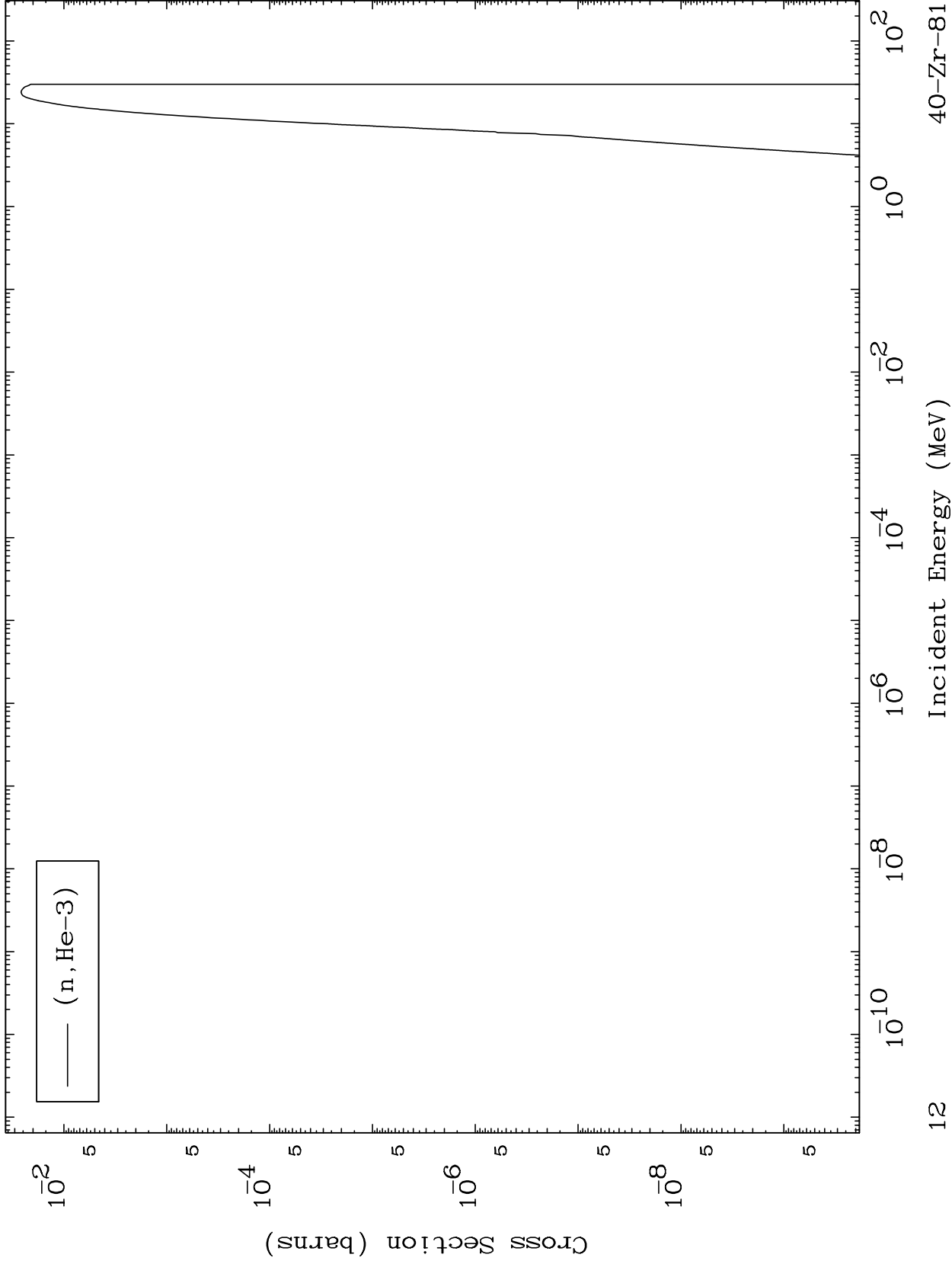
40-Zr-81



MAT 3998

(n,He3) Levels  
293 Kelvin Cross Sections

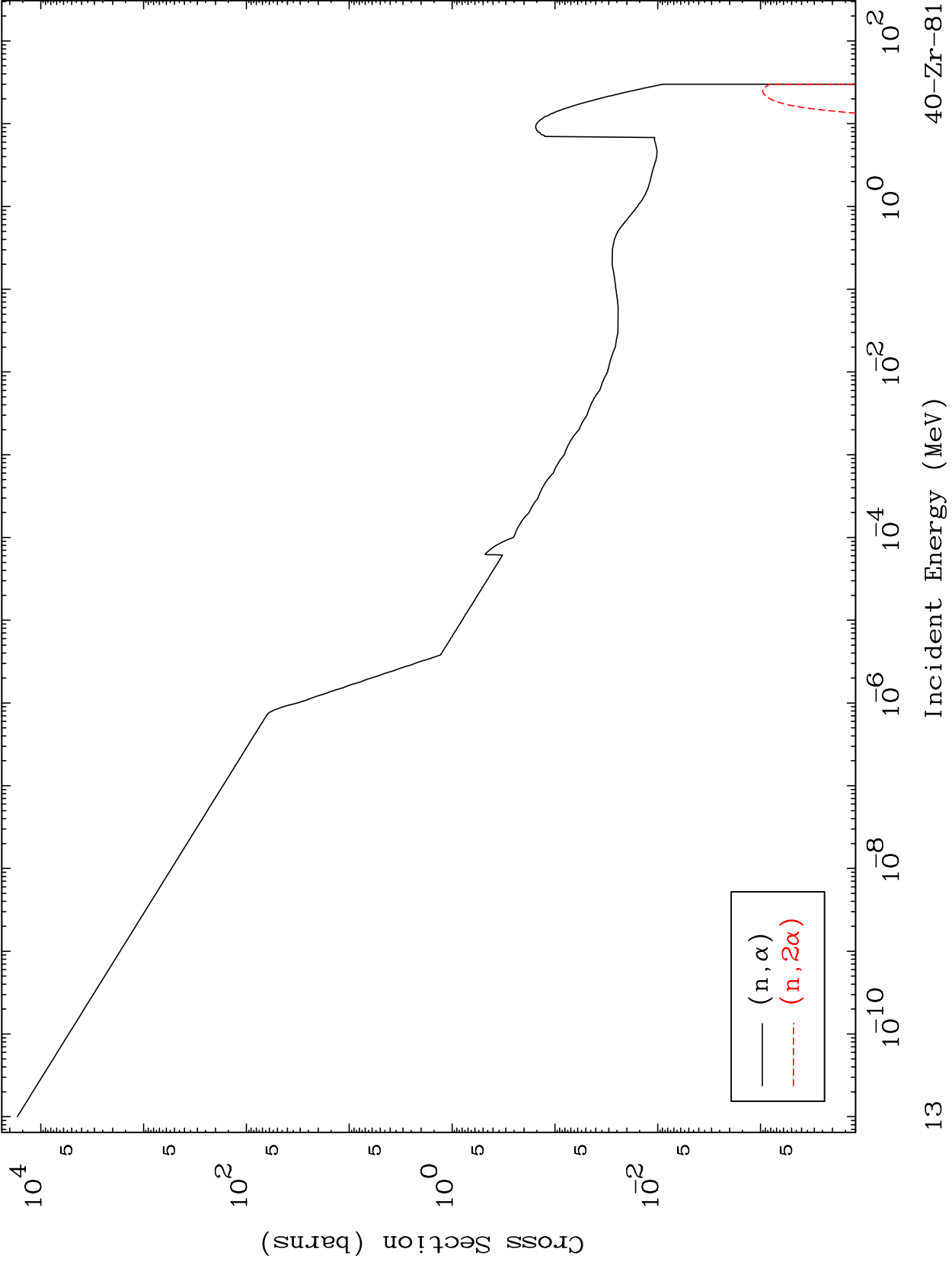
40-Zr-81



MAT 3998

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

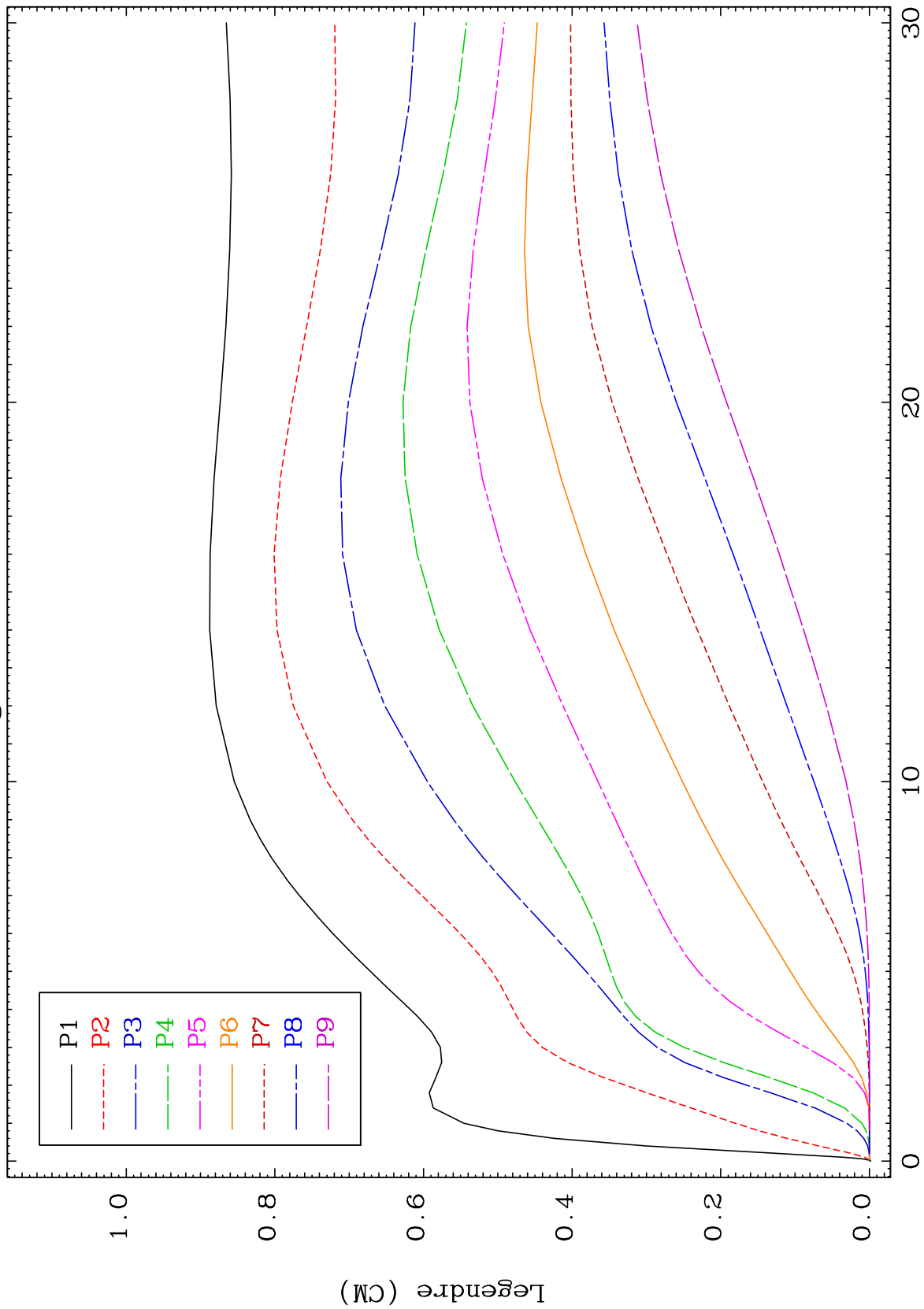
40-Zr-81



MAT 3998

Elastic Legendre Coefficients

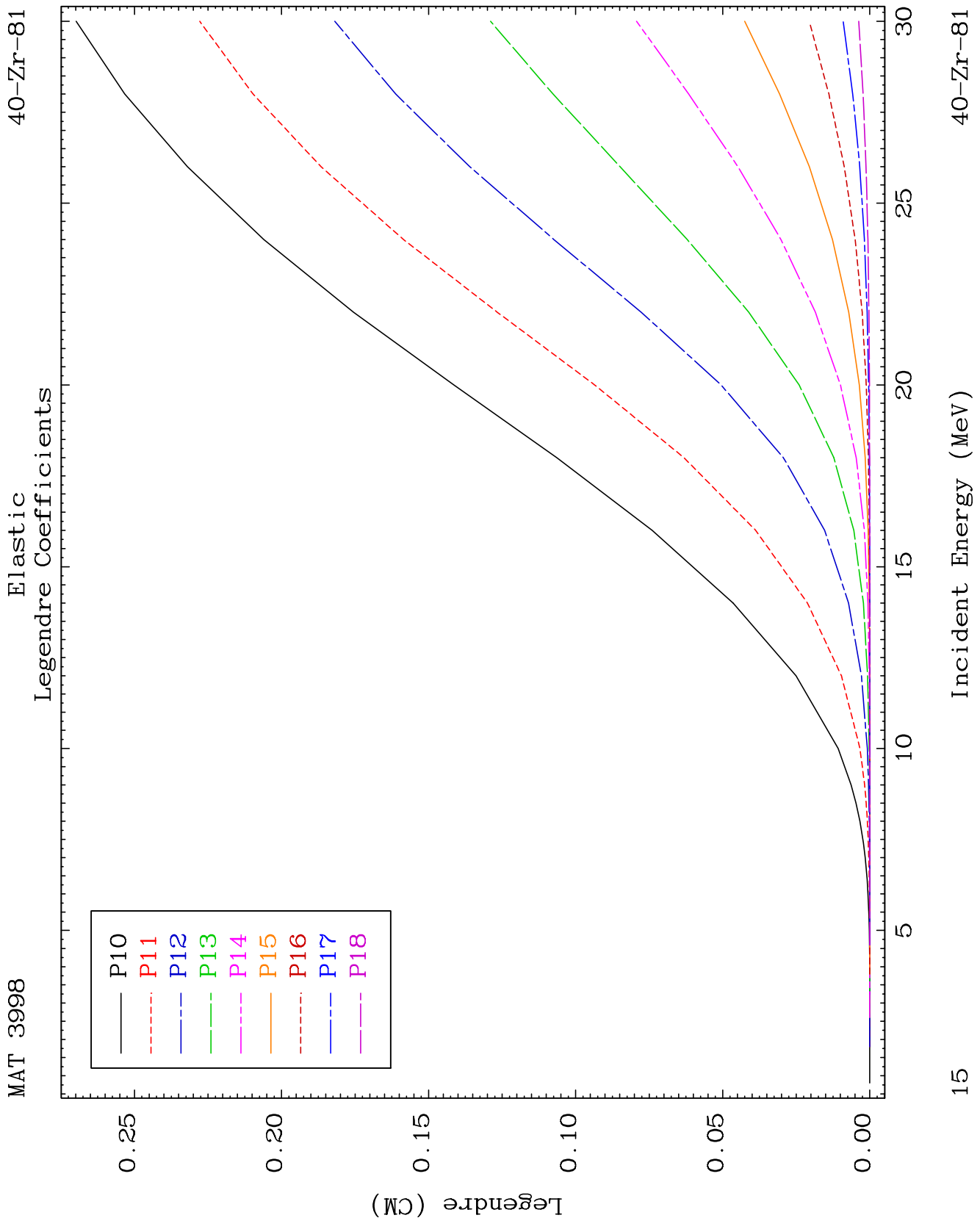
40-Zr-81



14

Incident Energy (MeV)

40-Zr-81

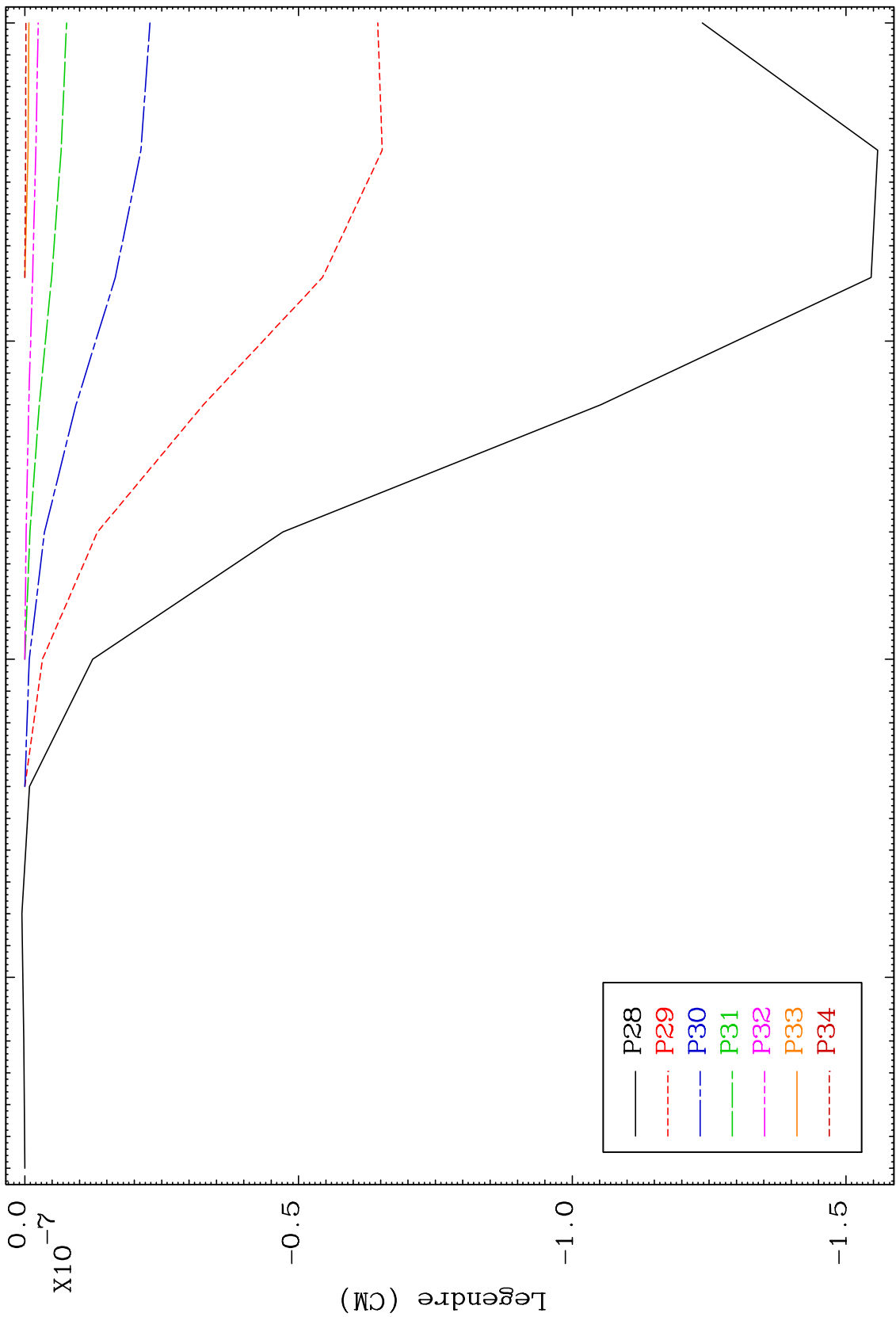




MAT 3998

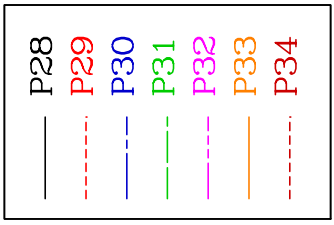
40-Zr-81

Elastic Legendre Coefficients



$10^{-7}$

Legendre (CM)



17

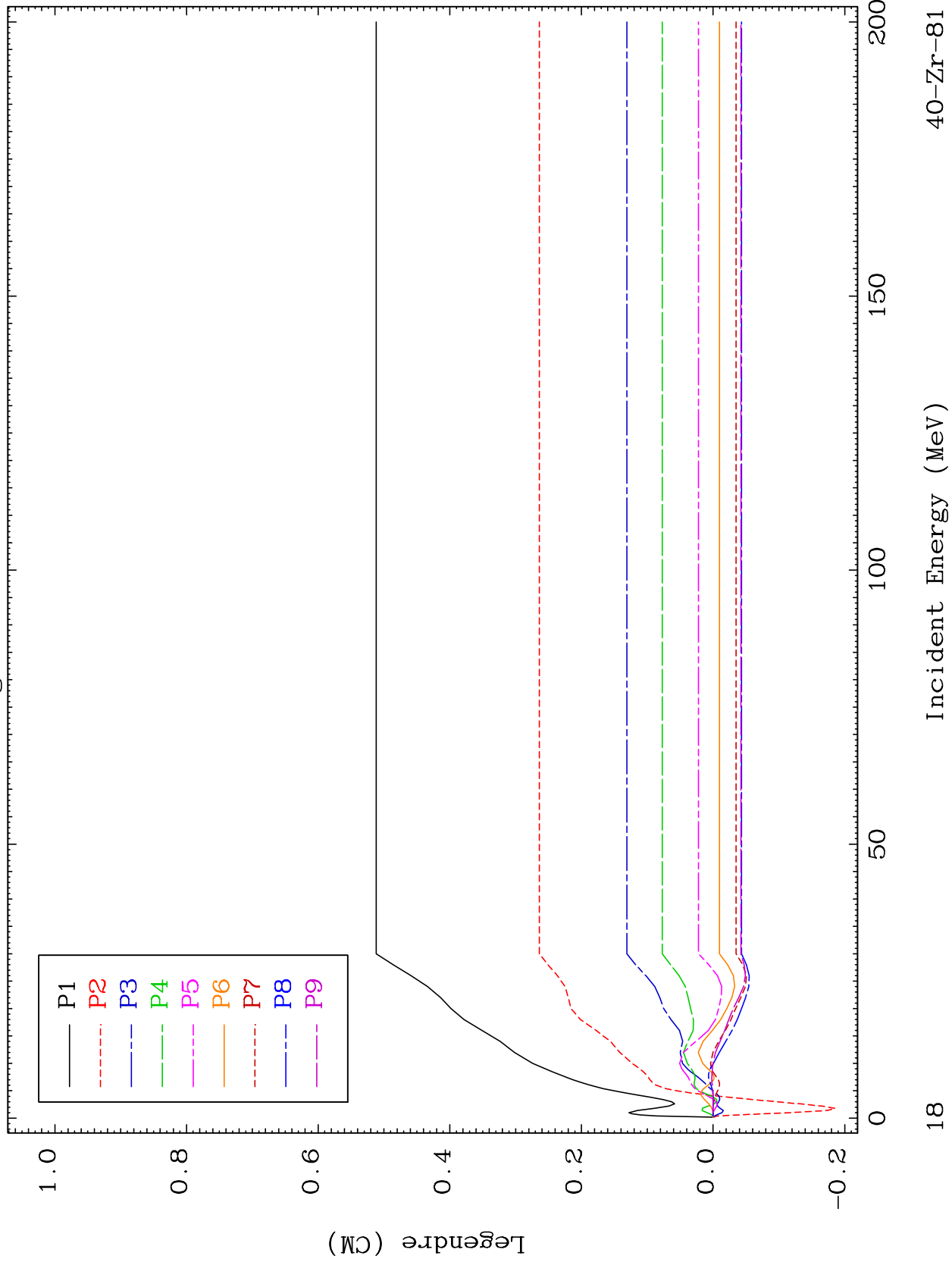
Incident Energy (MeV)

40-Zr-81

MAT 3998

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

40-Zr-81



18

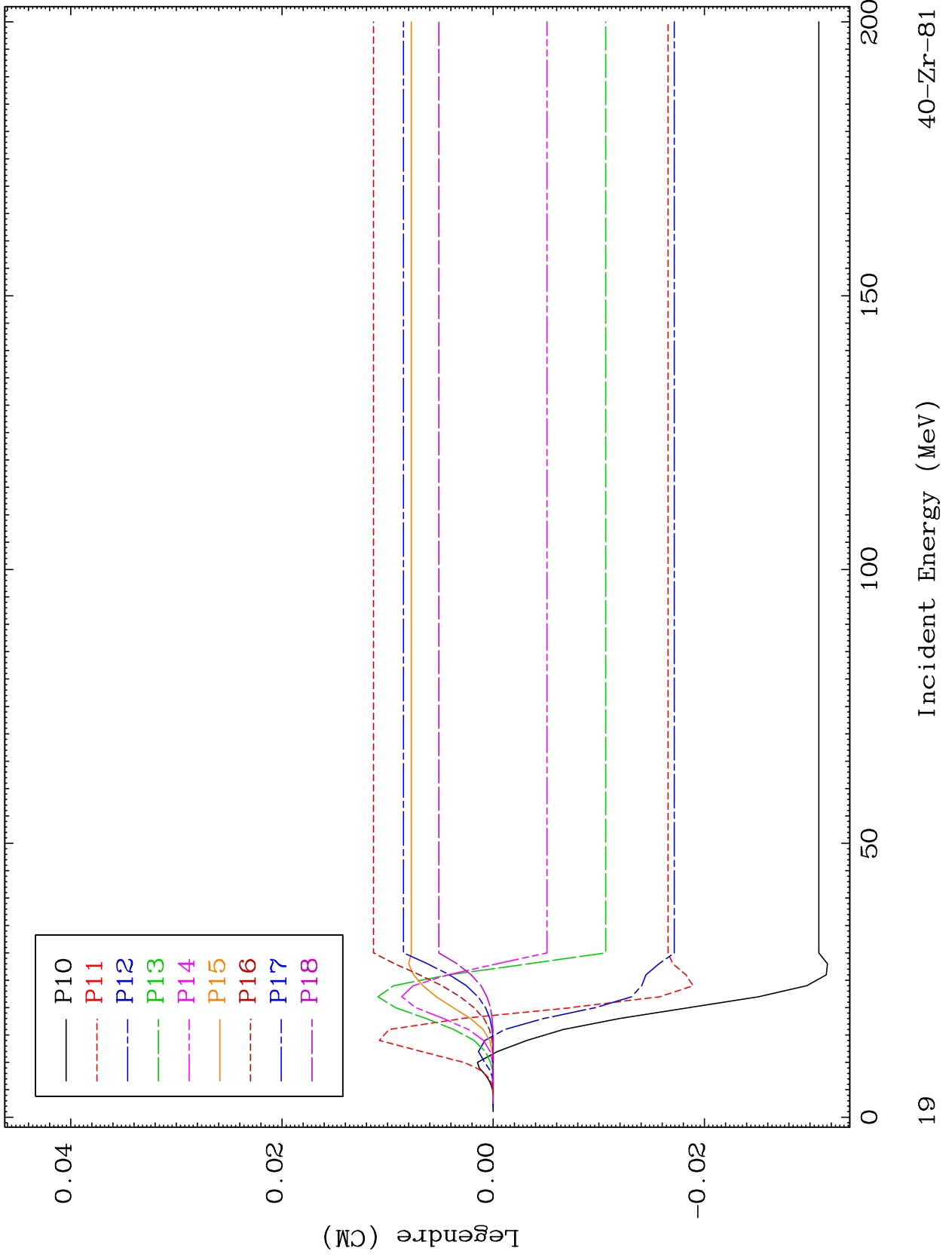
Incident Energy (MeV)

40-Zr-81

MAT 3998

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

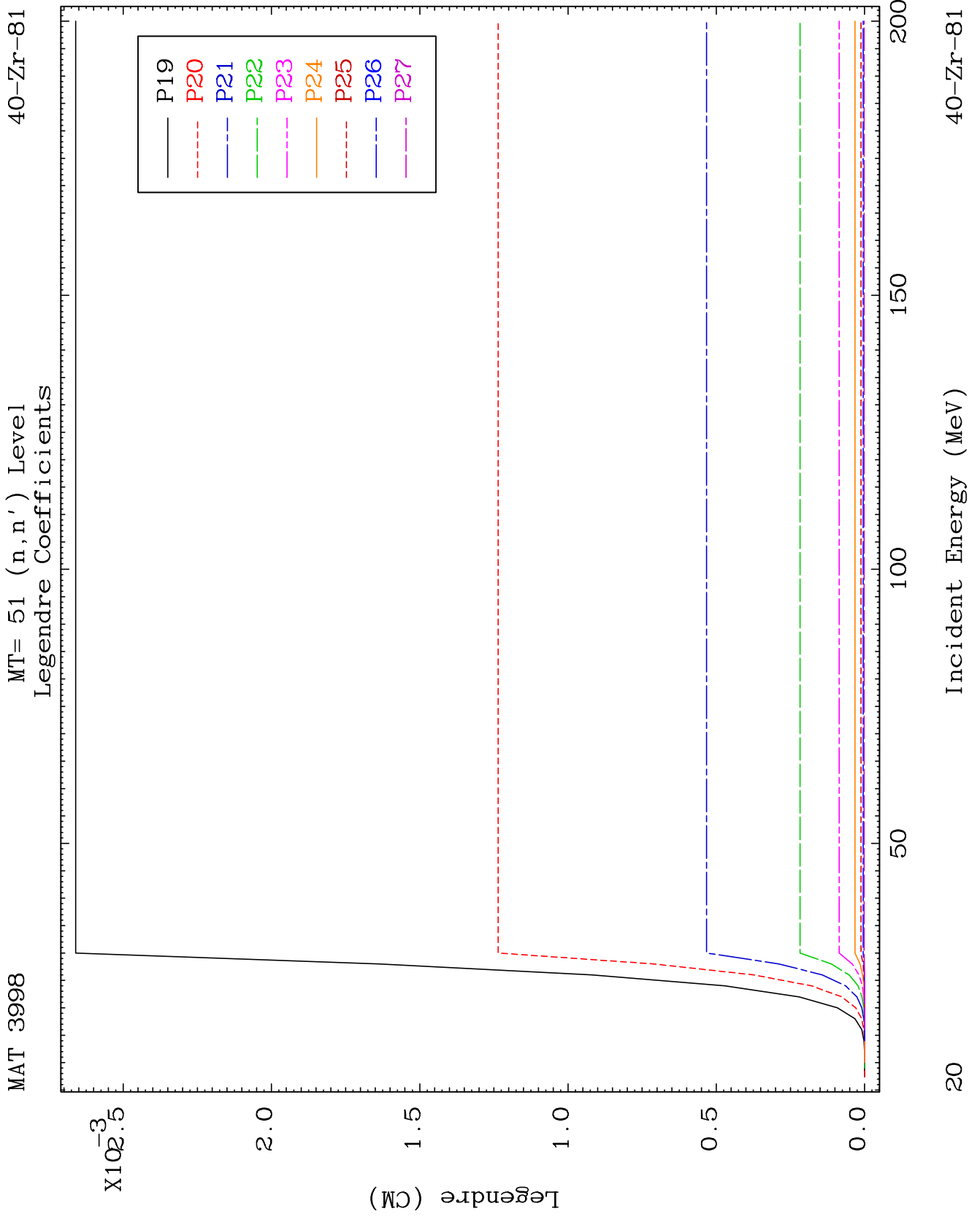
40-Zr-81



19

Incident Energy (MeV)

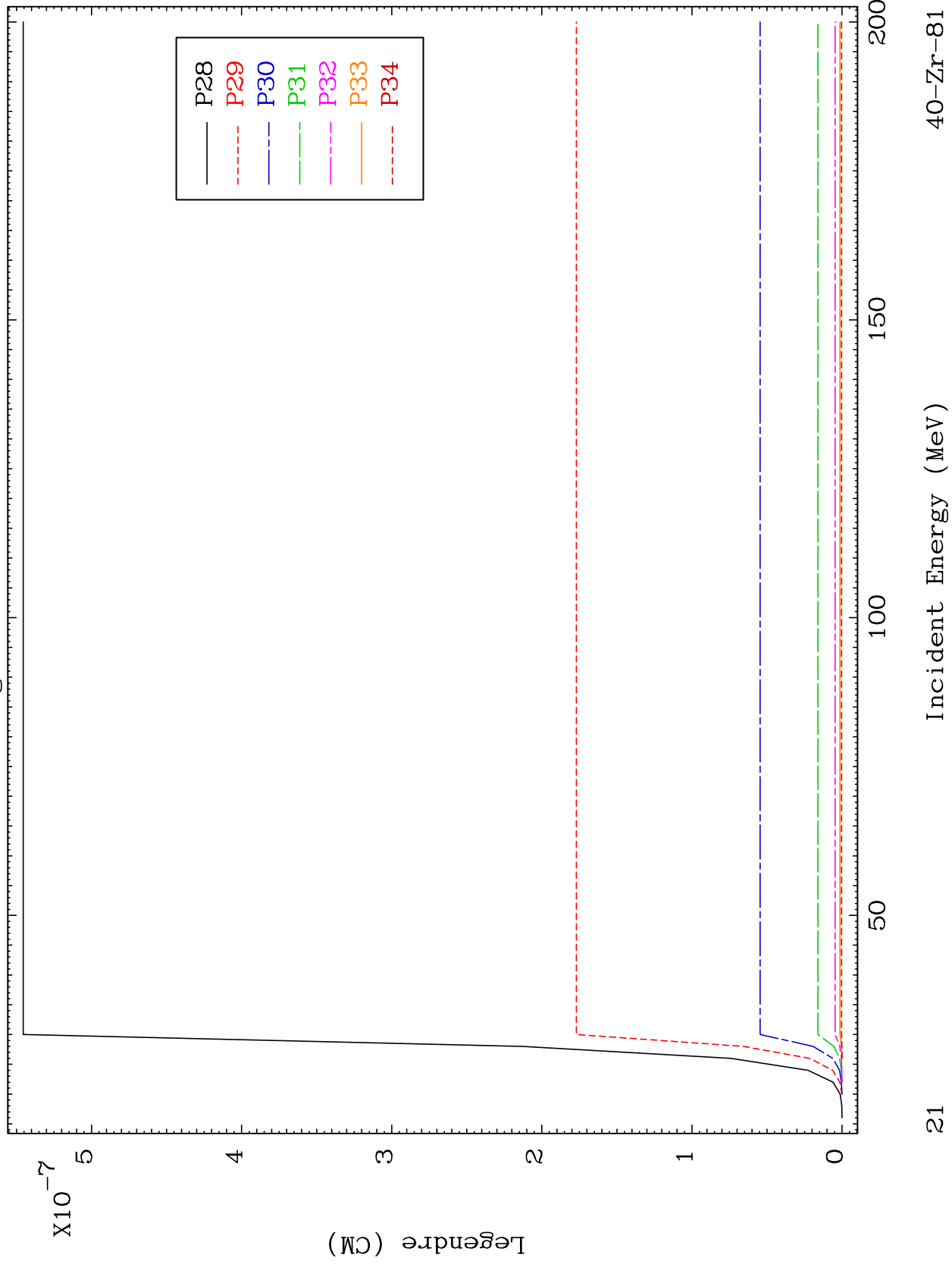
40-Zr-81



MAT 3998

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

40-Zr-81

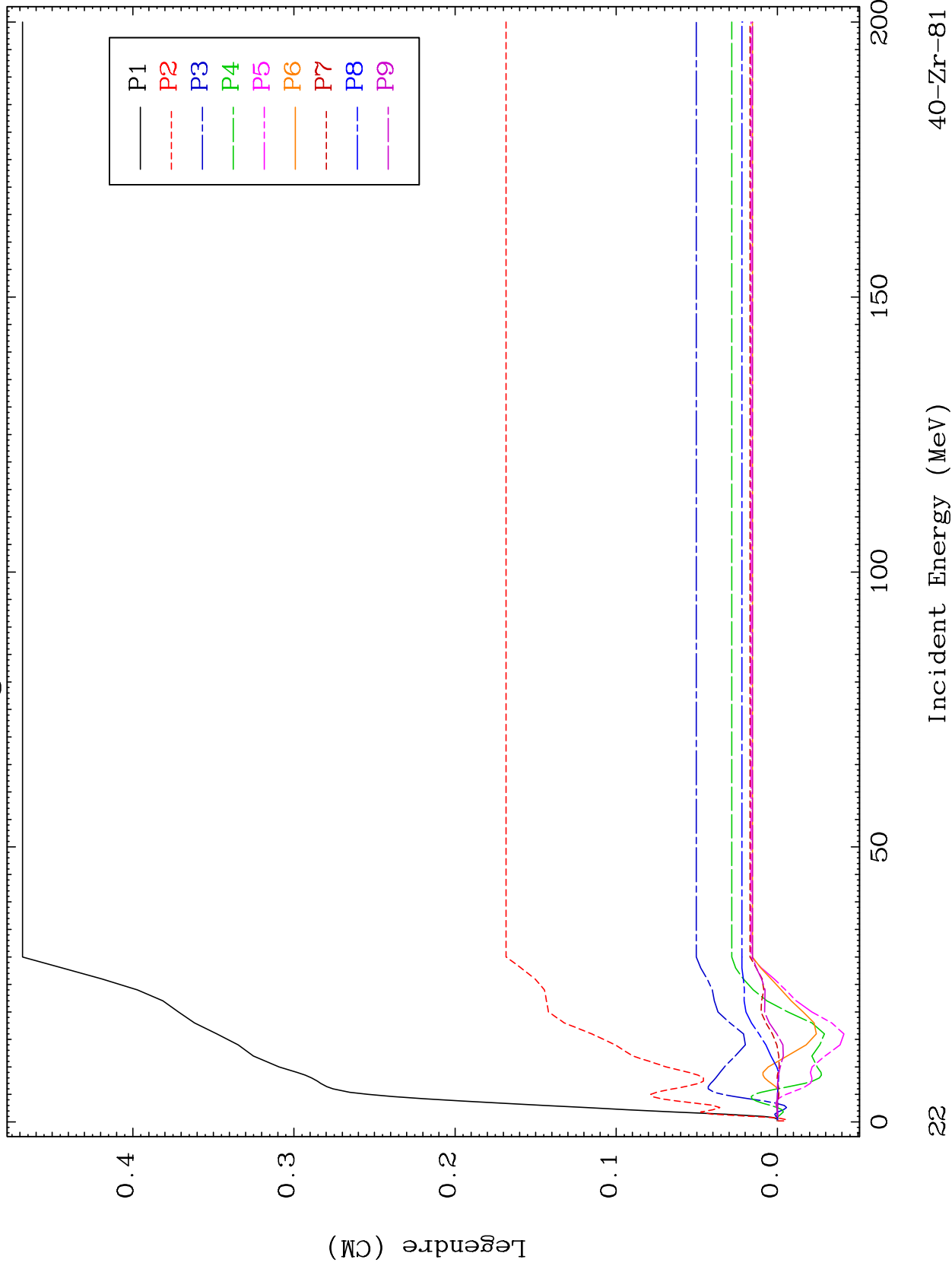


21

MAT 3998

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

40-Zr-81



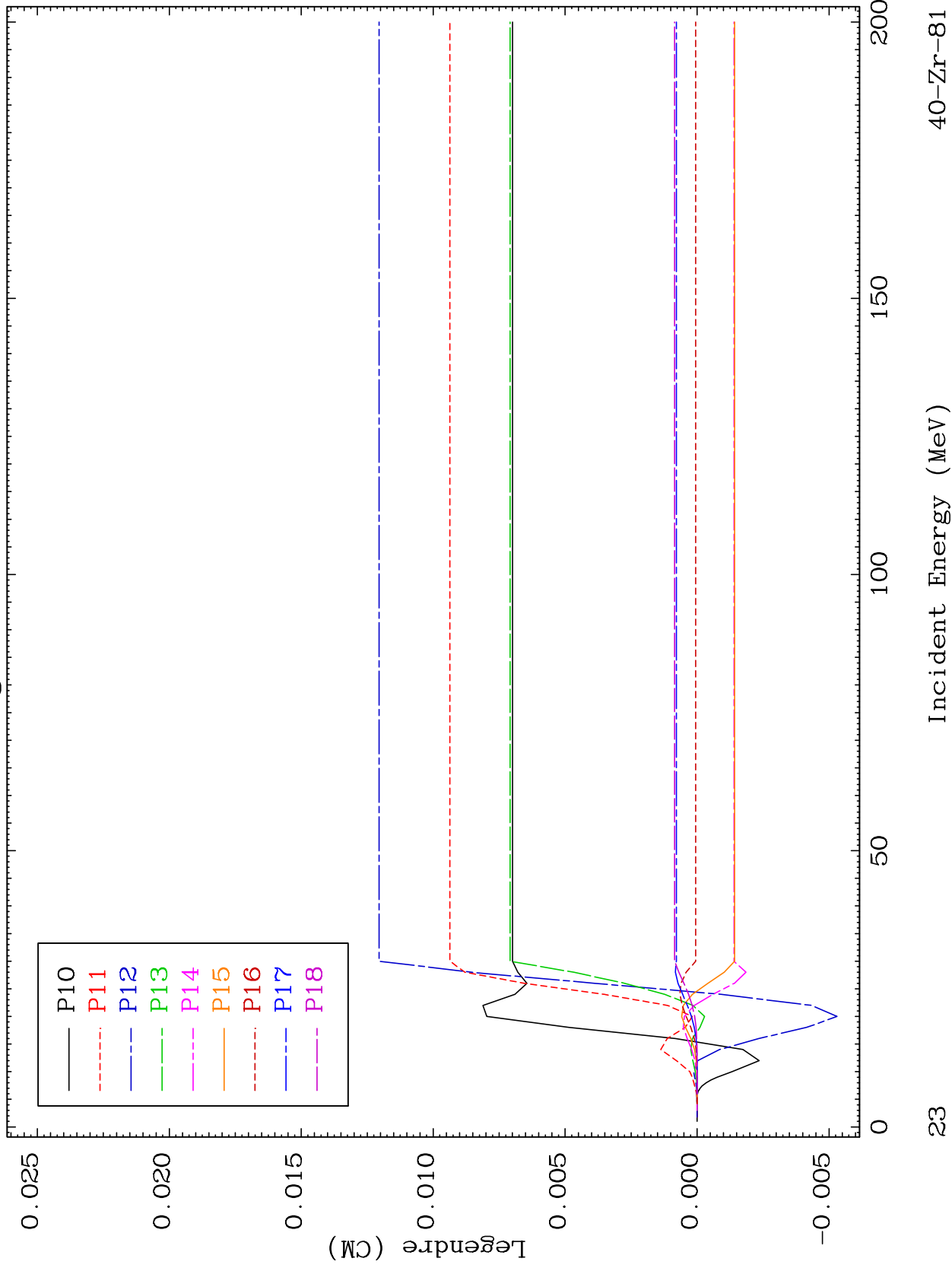
22

40-Zr-81

MAT 3998

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

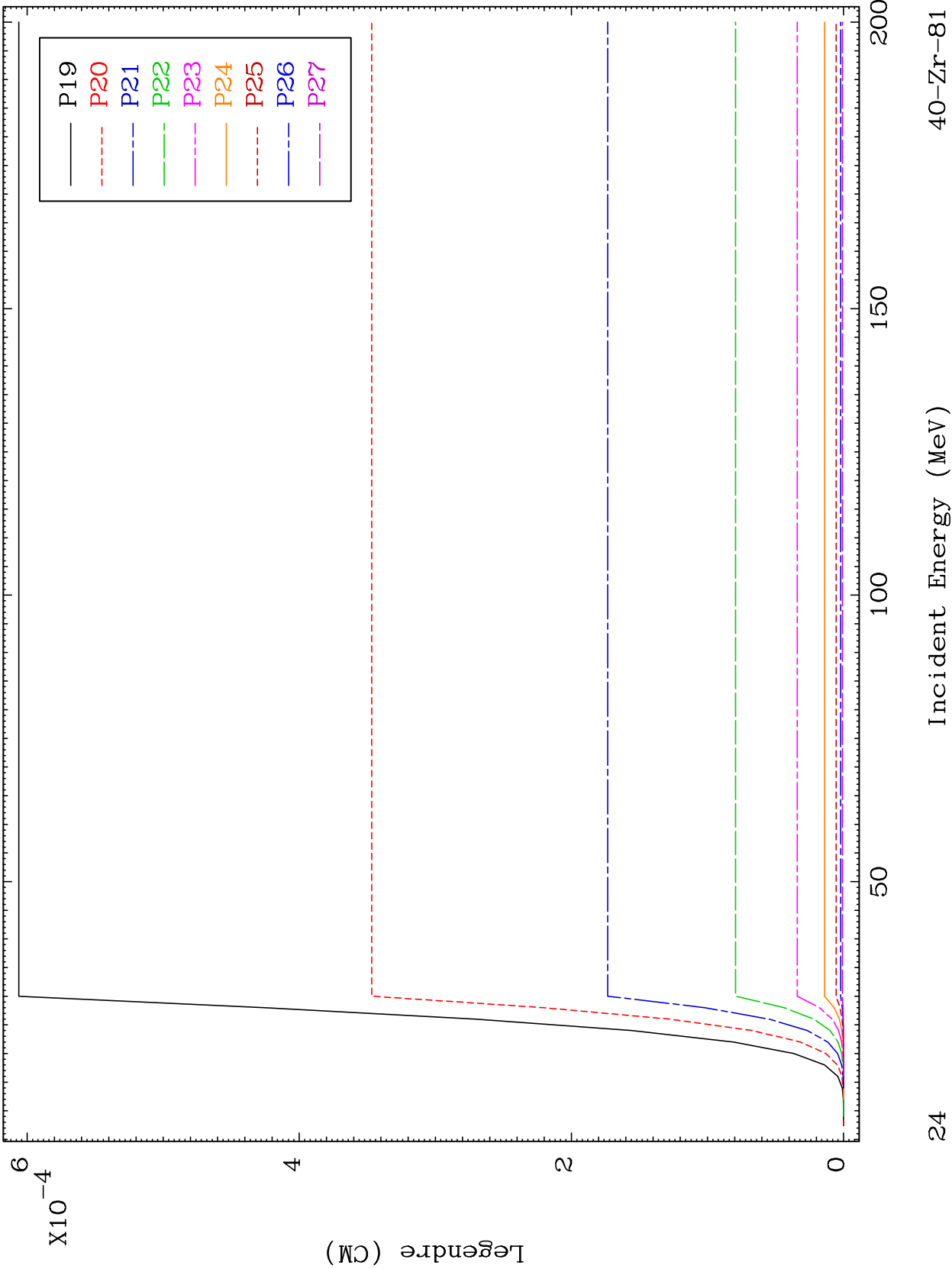
40-Zr-81



MAT 3998

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

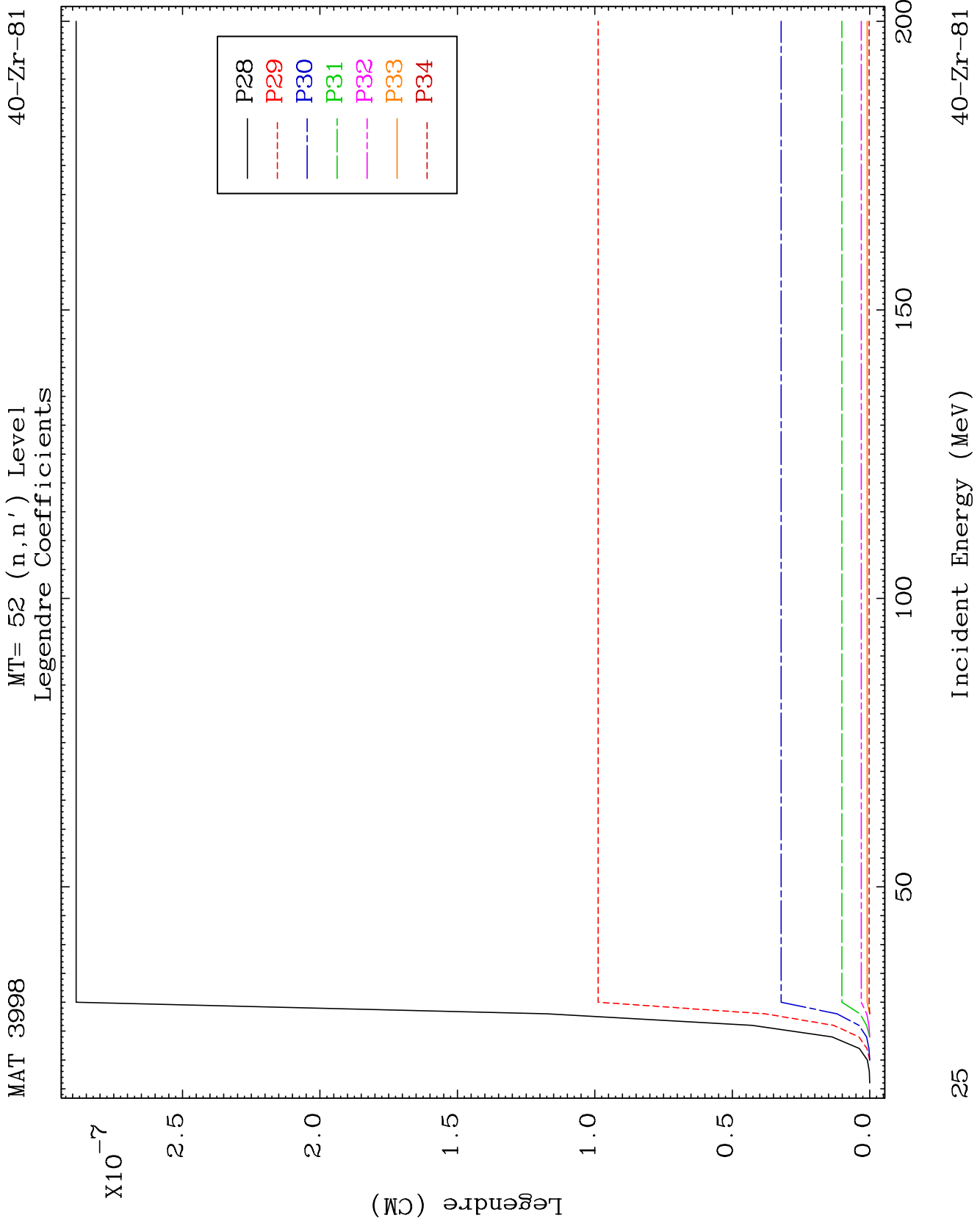
40-Zr-81



24

Incident Energy (MeV)

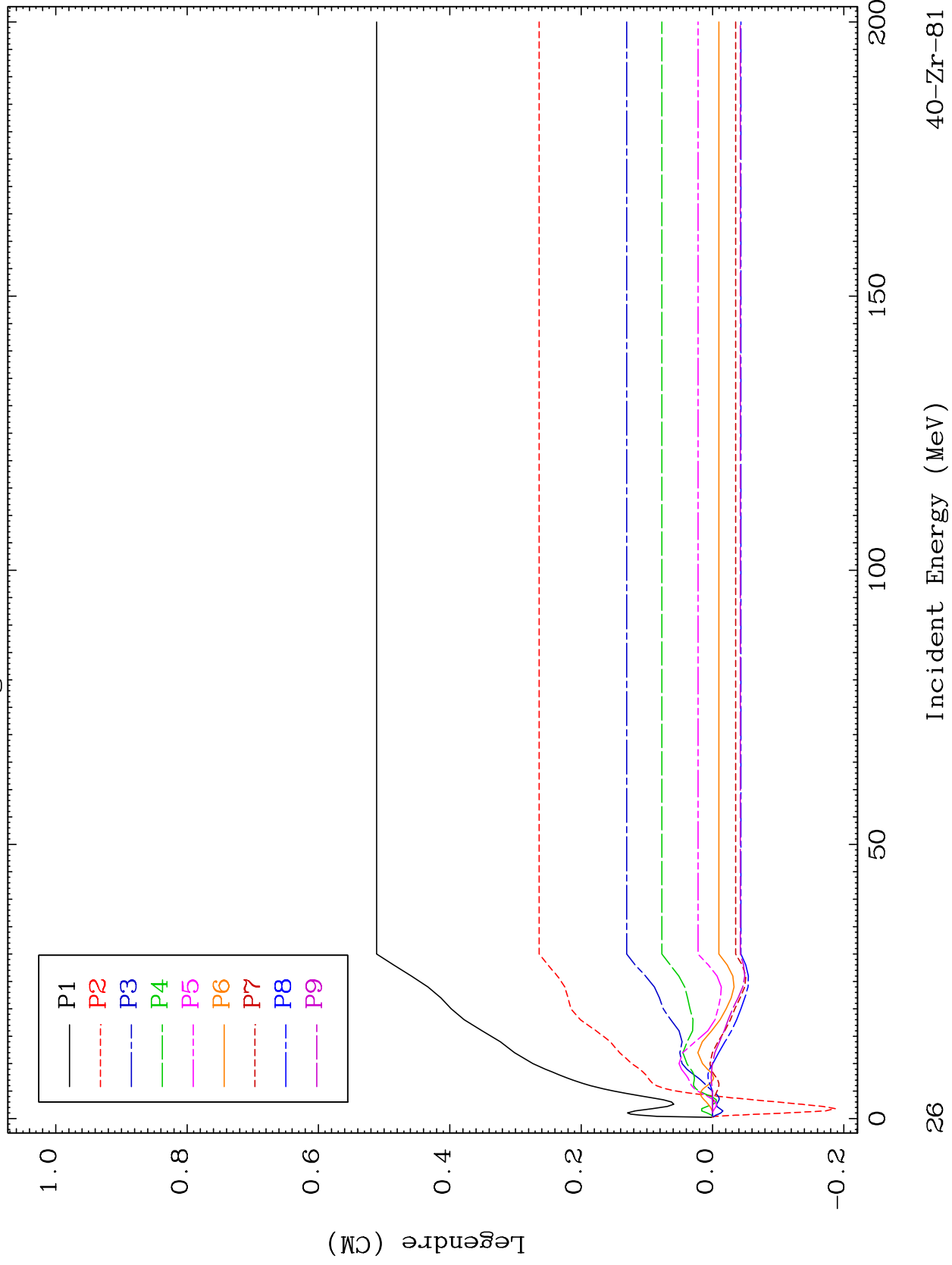
40-Zr-81



MAT 3998

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

40-Zr-81



26

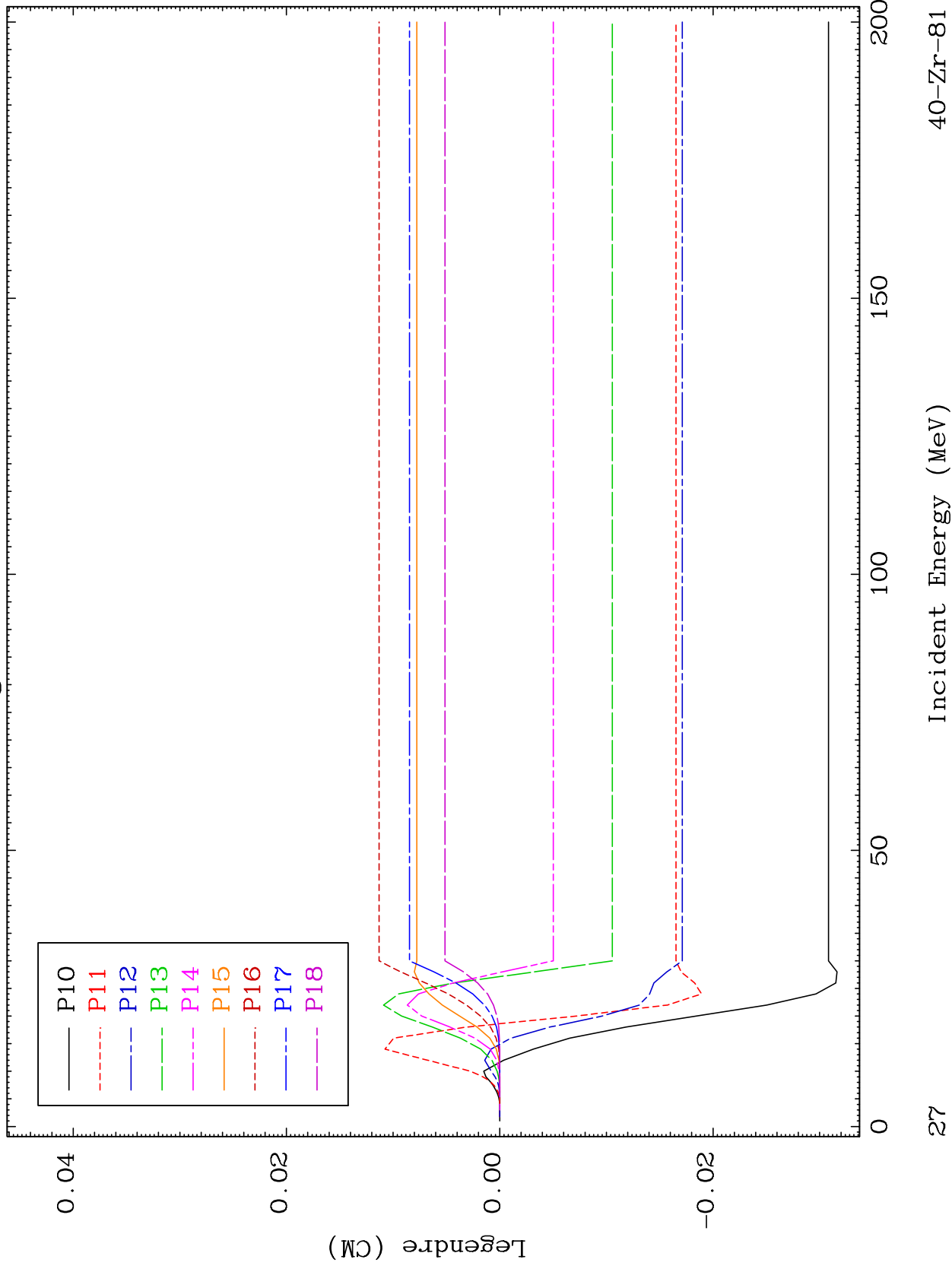
Incident Energy (MeV)

40-Zr-81

MAT 3998

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

40-Zr-81



27

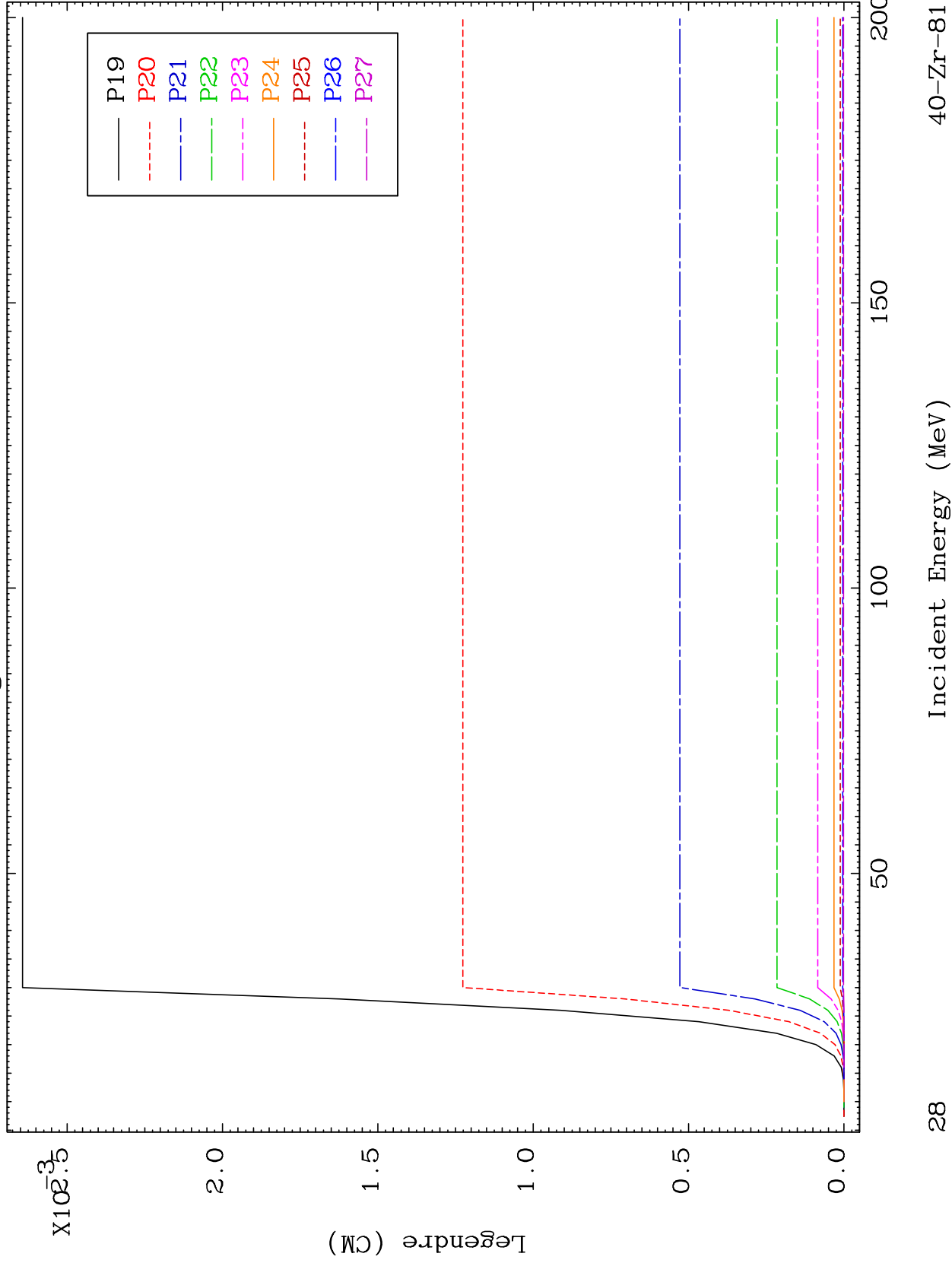
Incident Energy (MeV)

40-Zr-81

MAT 3998

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

40-Zr-81



28

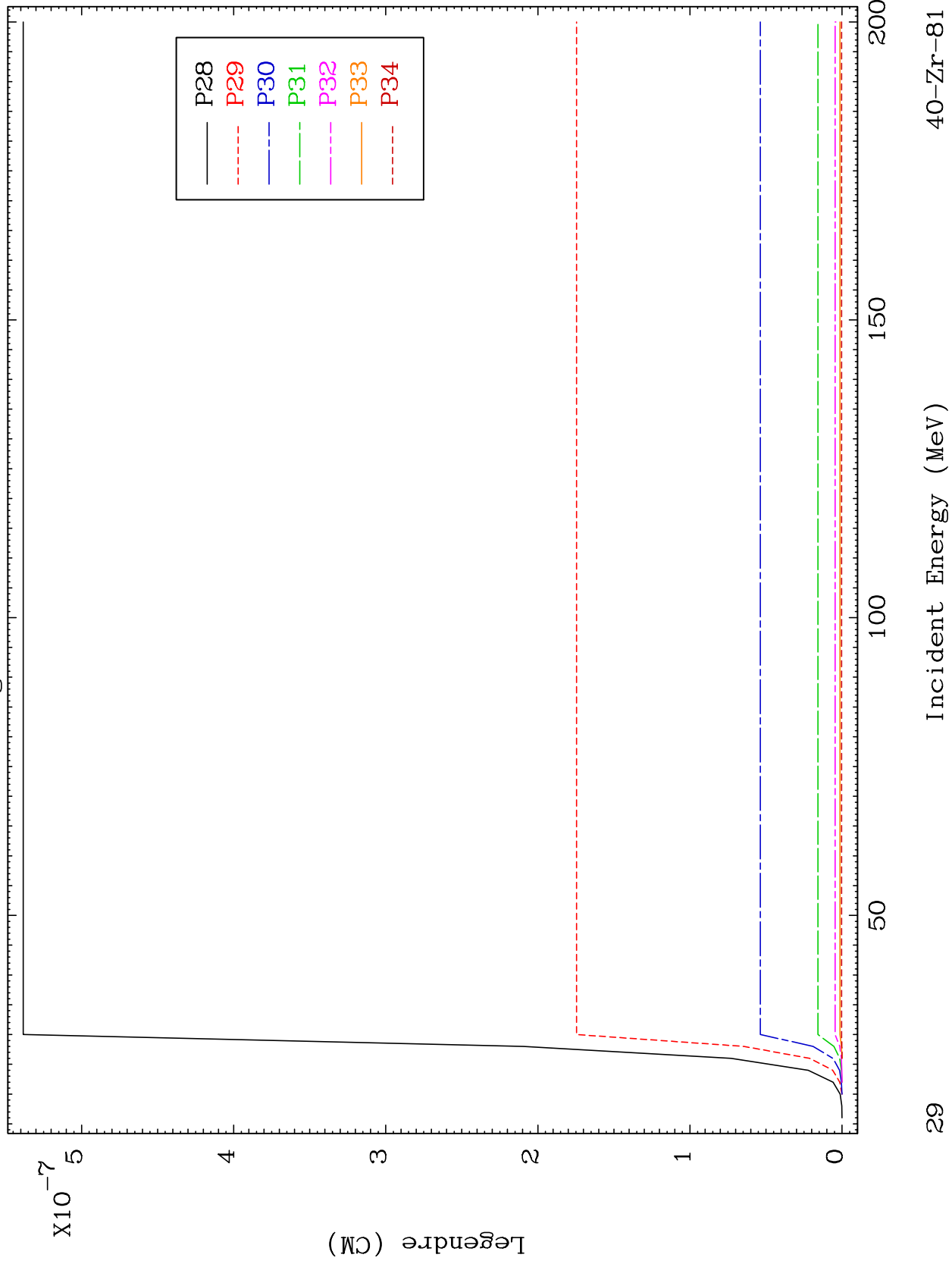
Incident Energy (MeV)

40-Zr-81

MAT 3998

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

40-Zr-81

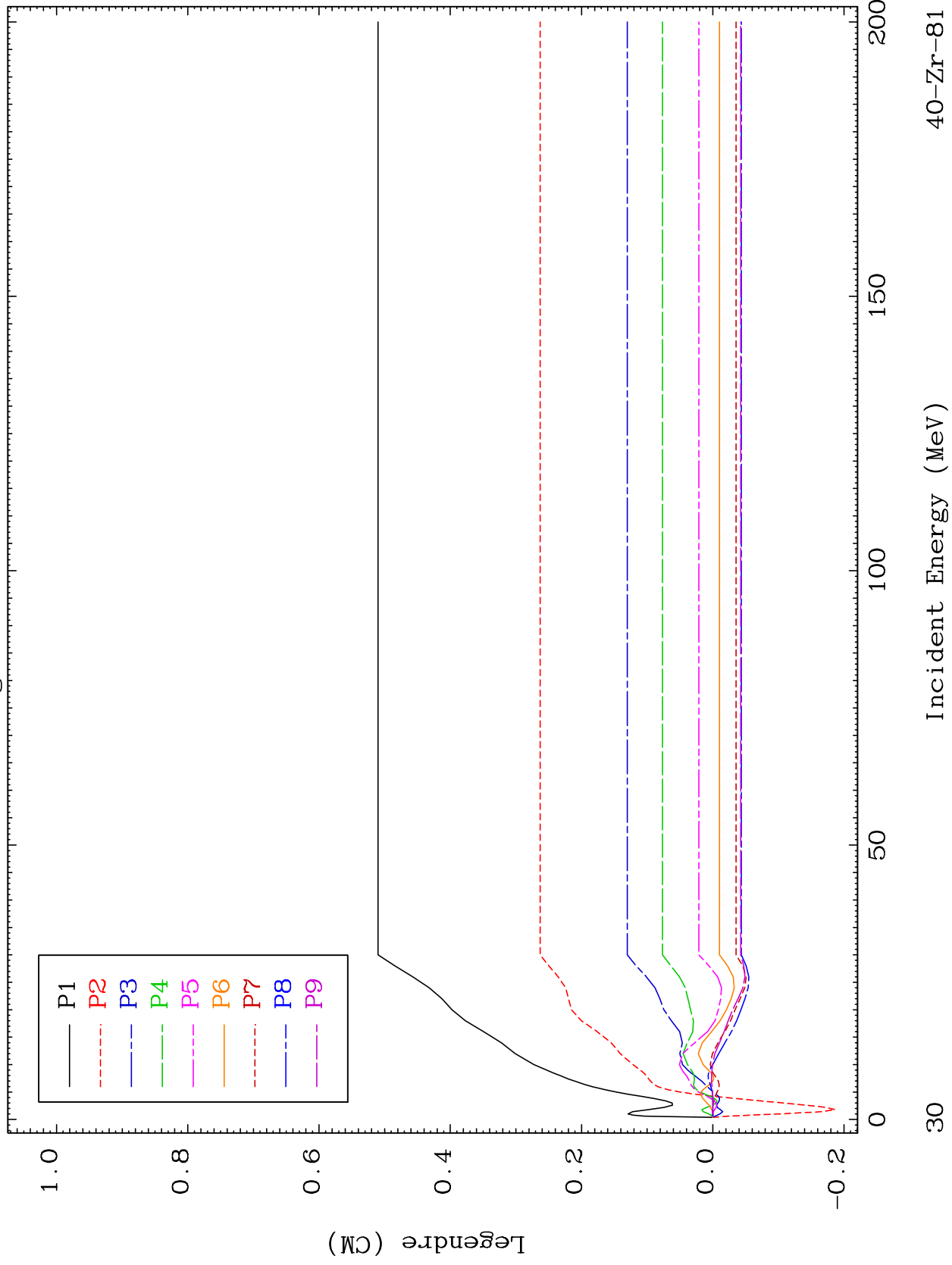


29

MAT 3998

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

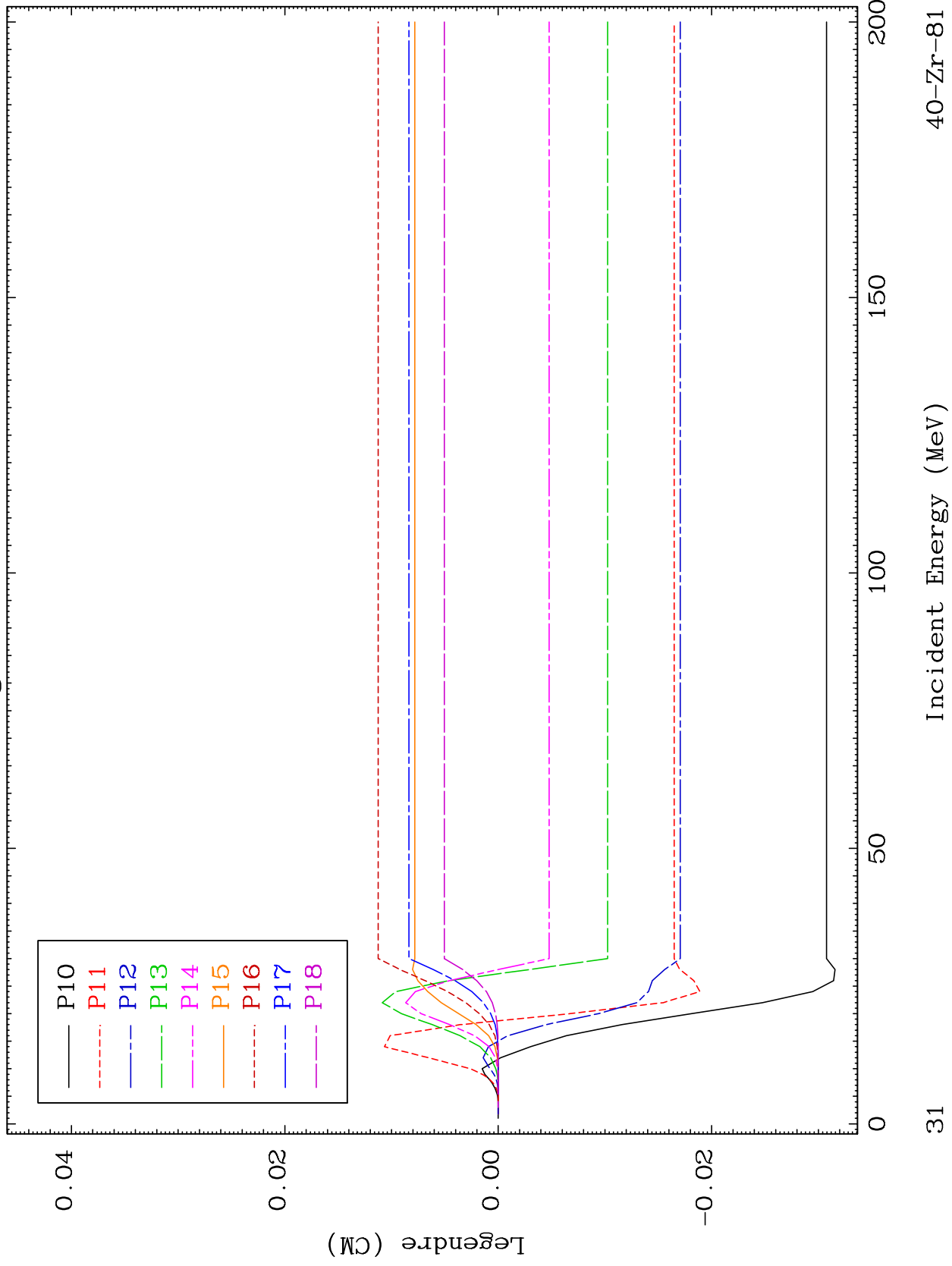
40-Zr-81



MAT 3998

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

40-Zr-81



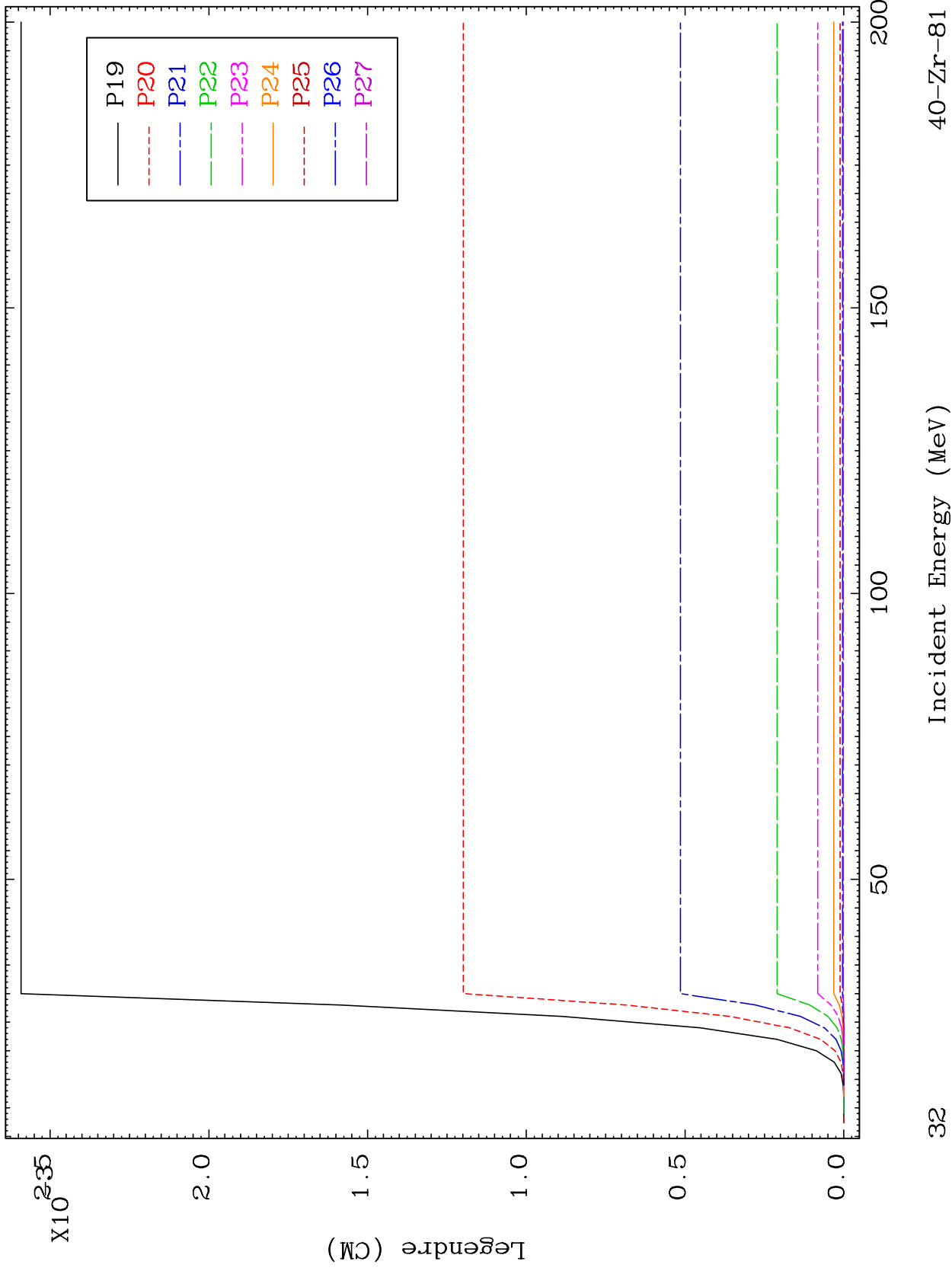
31

40-Zr-81

MAT 3998

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

40-Zr-81



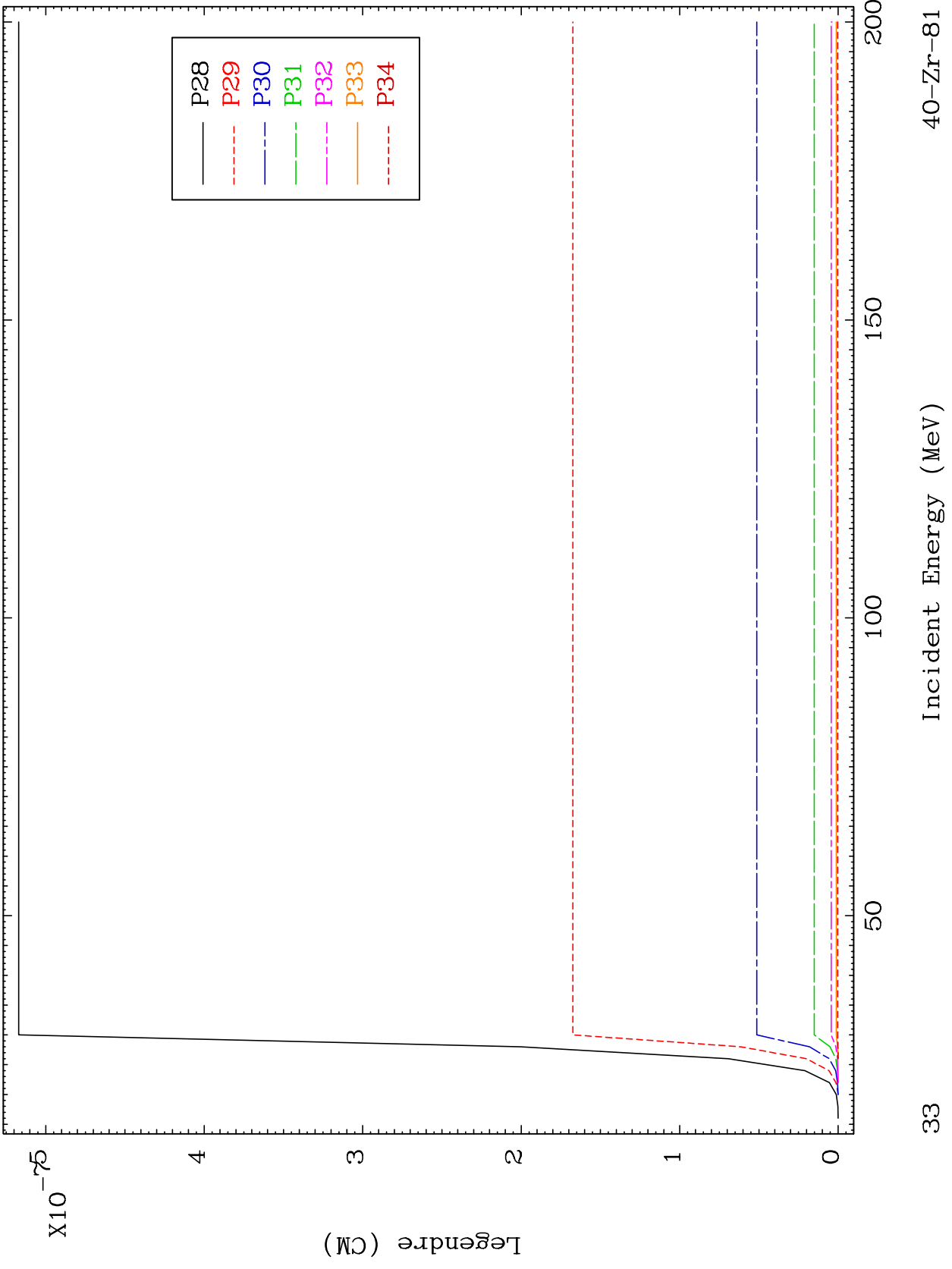
32

40-Zr-81

MAT 3998

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

40-Zr-81



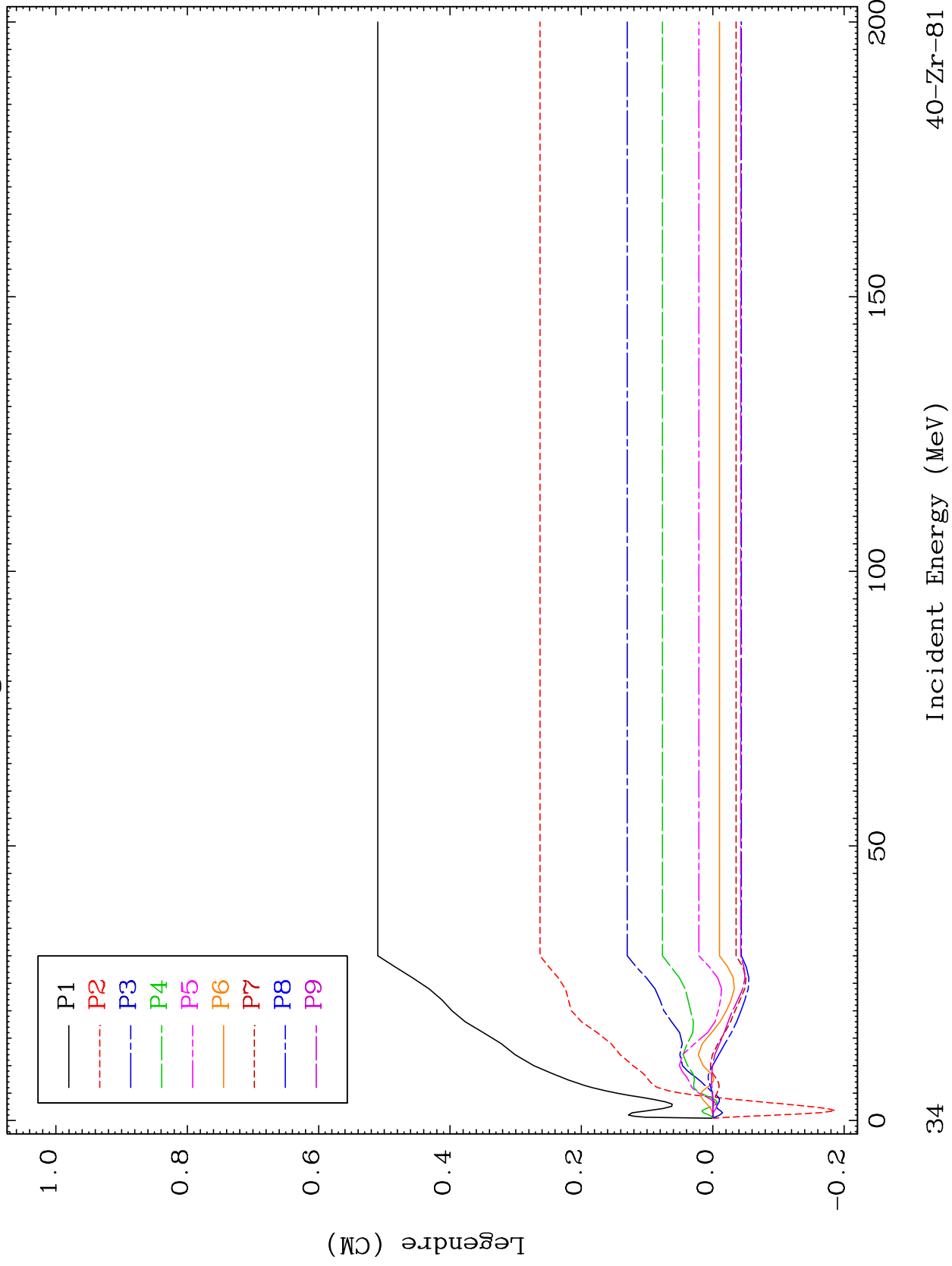
33

40-Zr-81

MAT 3998

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

40-Zr-81



34

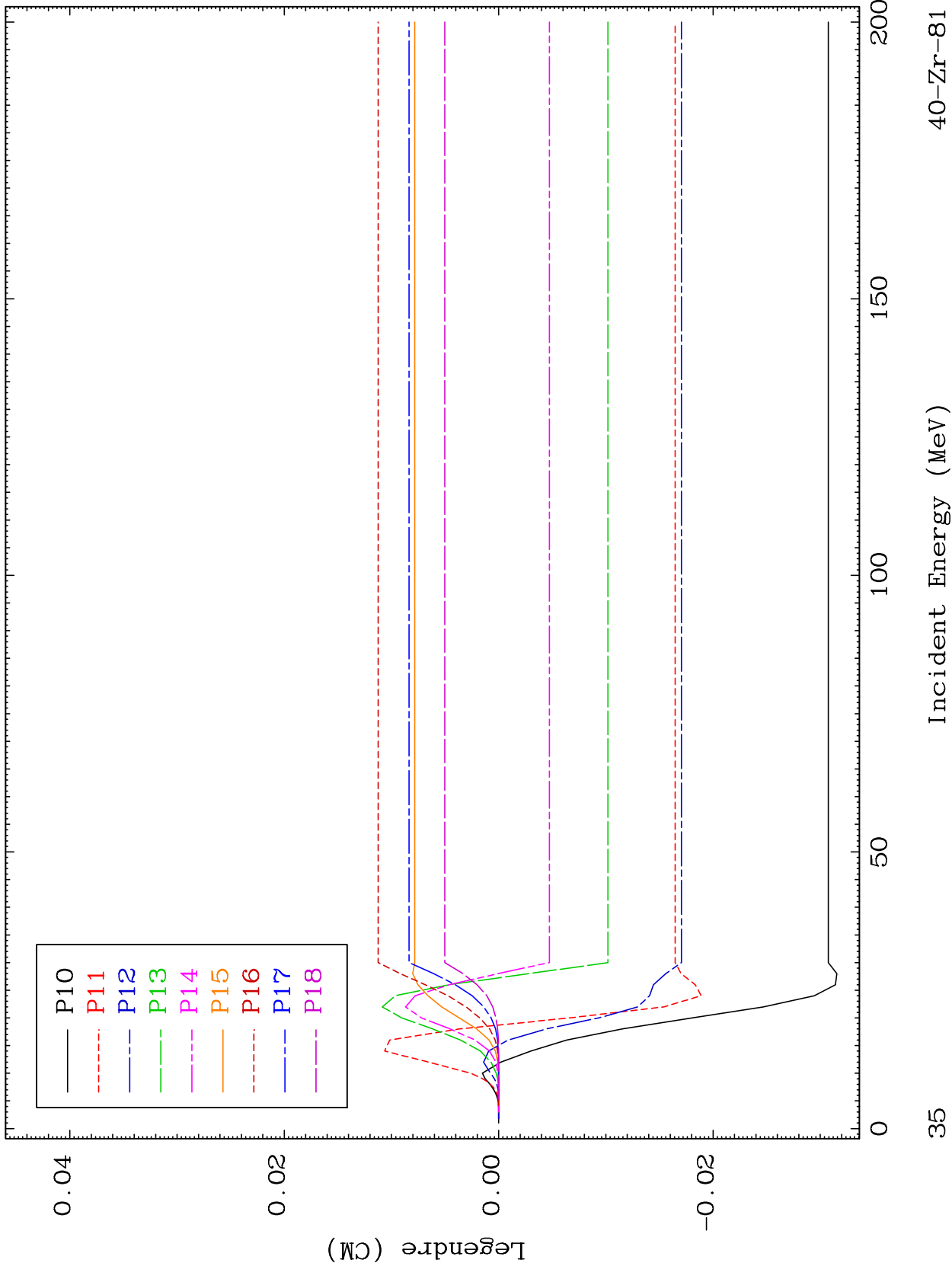
Incident Energy (MeV)

40-Zr-81

MAT 3998

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

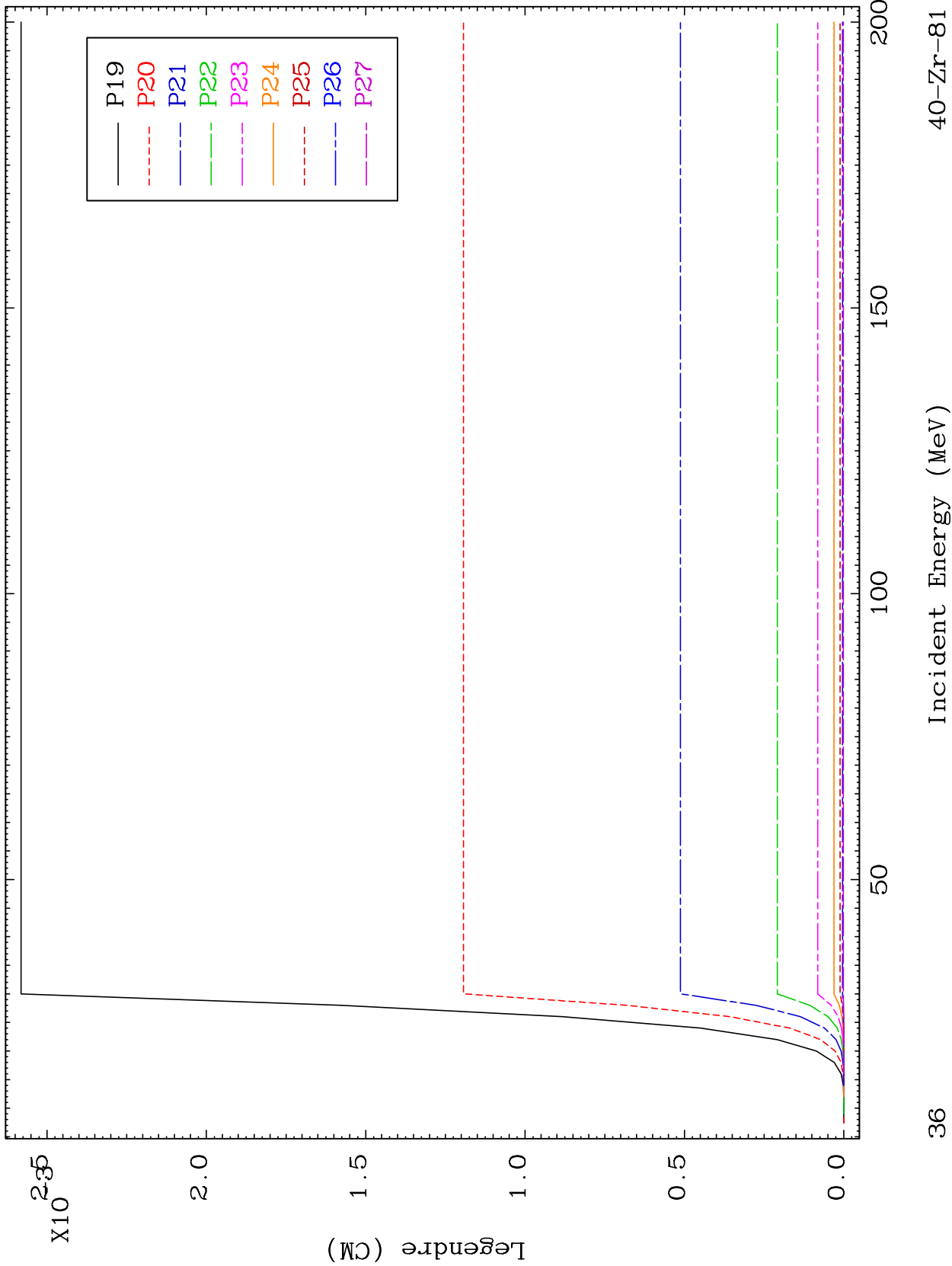
40-Zr-81



35

Incident Energy (MeV)

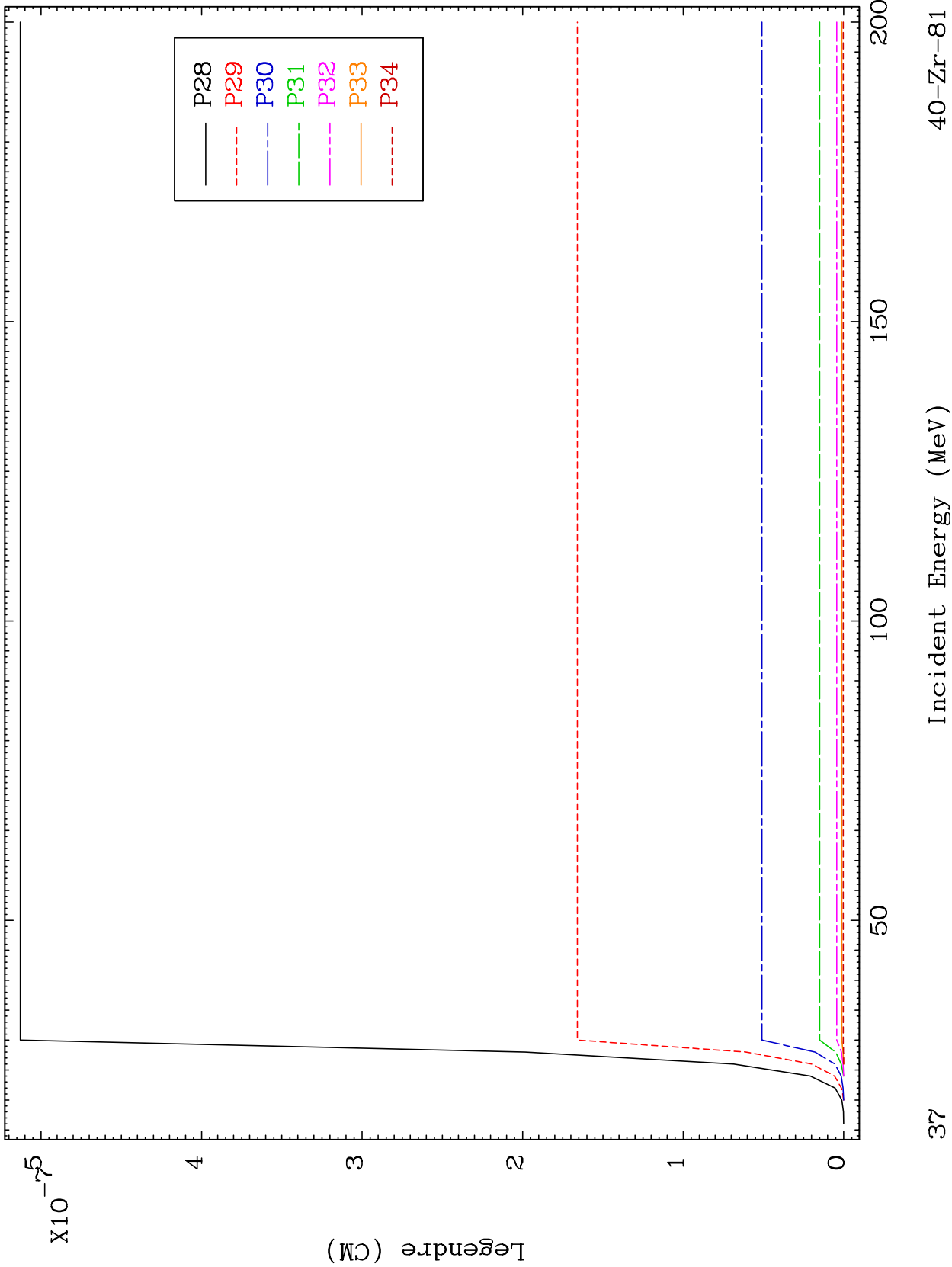
40-Zr-81



MAT 3998

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

40-Zr-81



37

Incident Energy (MeV)

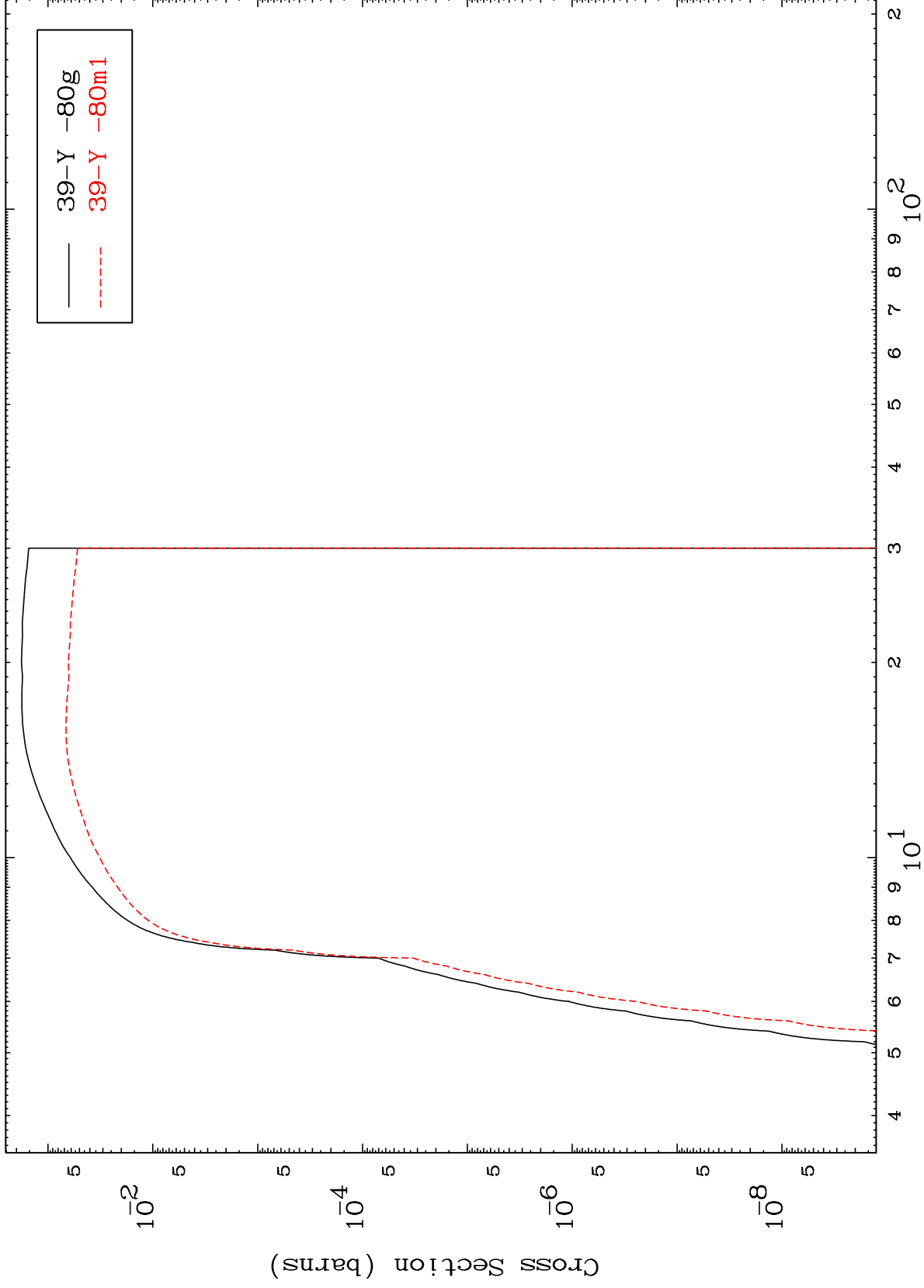
40-Zr-81

MAT 3998

(n,n') p

40-Zr-81

Radionuclide Production Cross Section



38

Incident Energy (MeV)

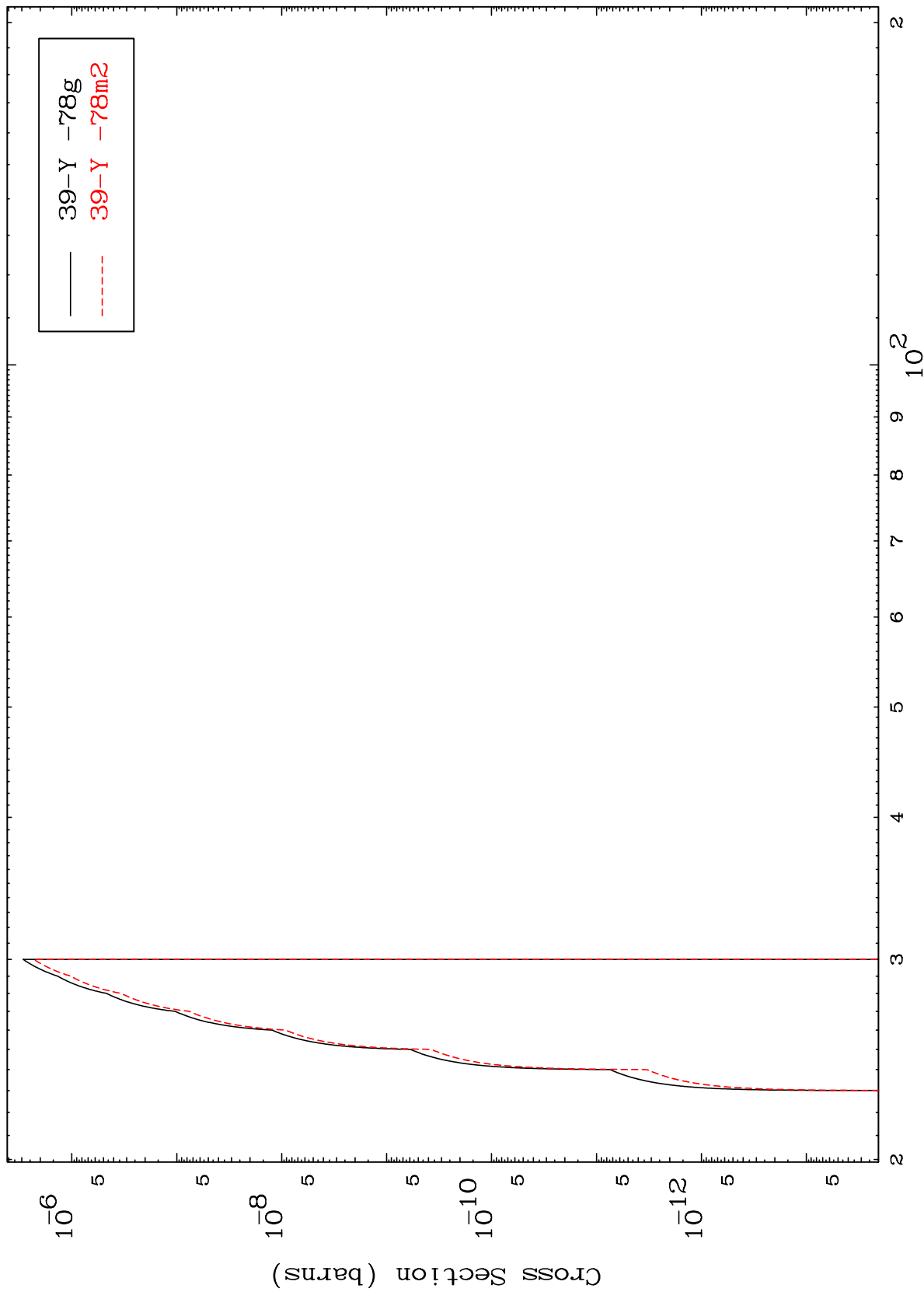
40-Zr-81

MAT 3998

(n,n') t

40-Zr-81

Radionuclide Production Cross Section



39

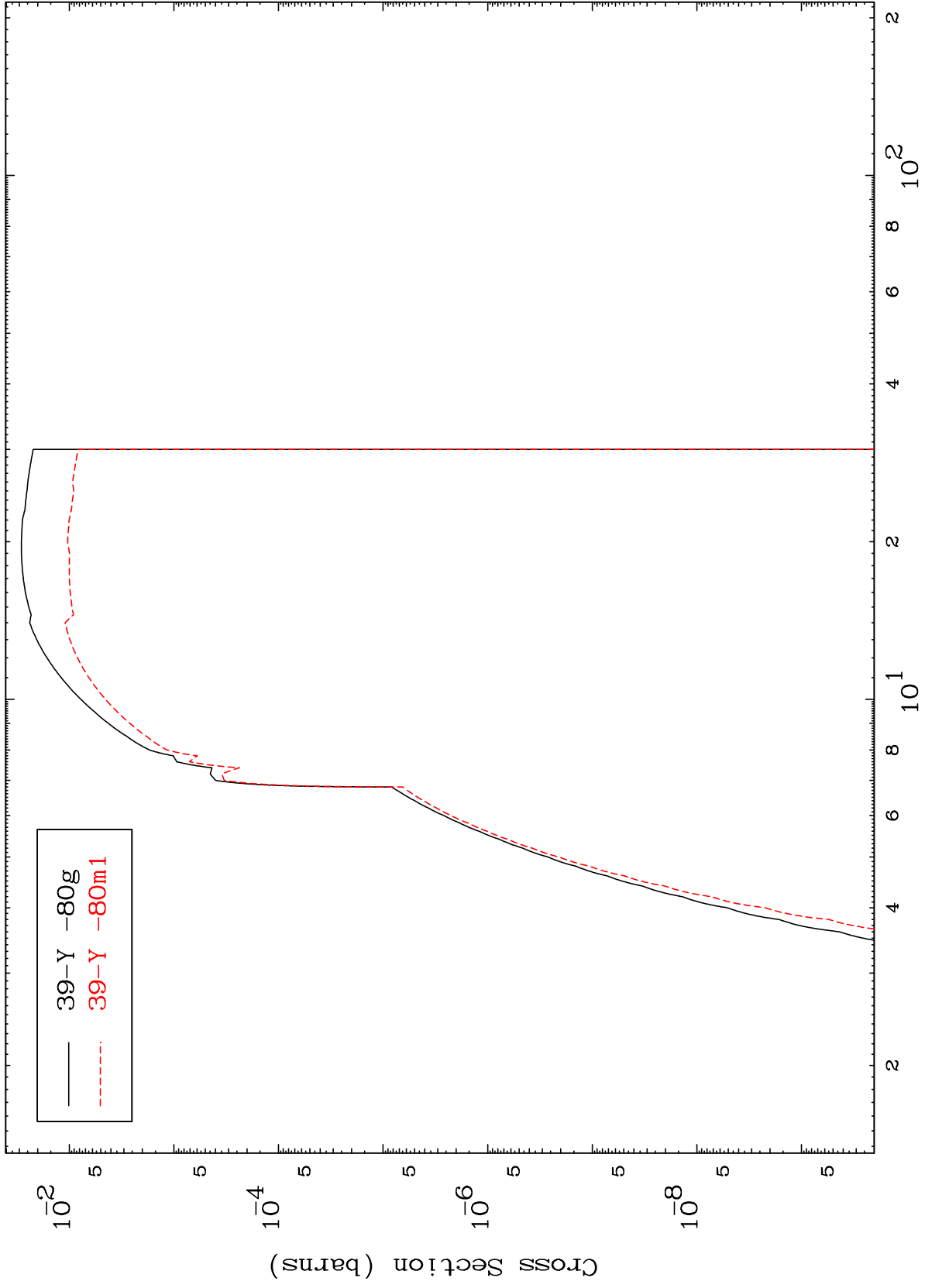
Incident Energy (MeV)

40-Zr-81

MAT 3998

40-Zr-81

(n,d)  
Radionuclide Production Cross Section



— 39-Y -80g  
- - - 39-Y -80m1

40

Incident Energy (MeV)

40-Zr-81