

Program EVALPLOT  
(Version 2021-1)

by

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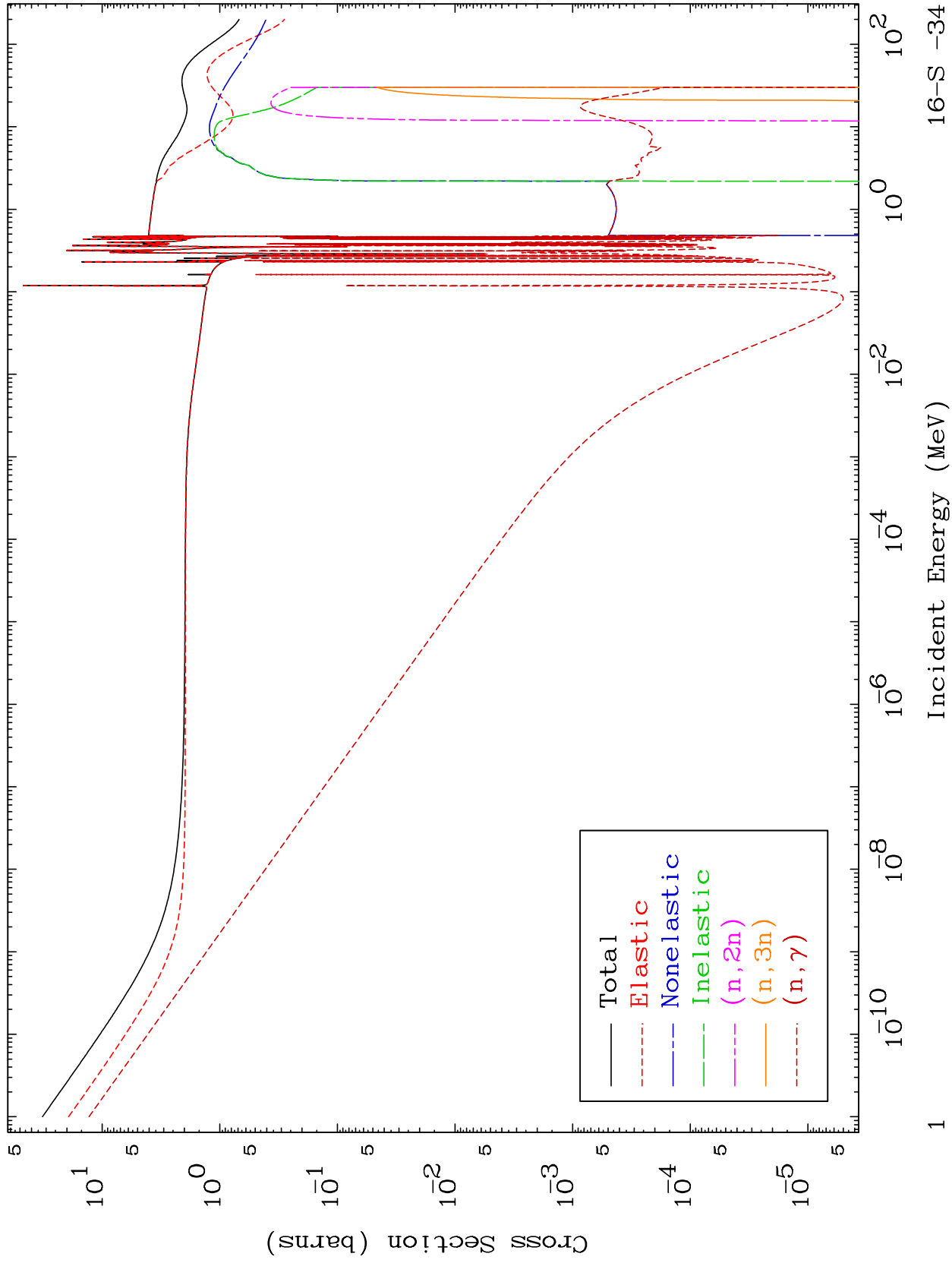
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1631

Neutron Major  
293 Kelvin Cross Sections

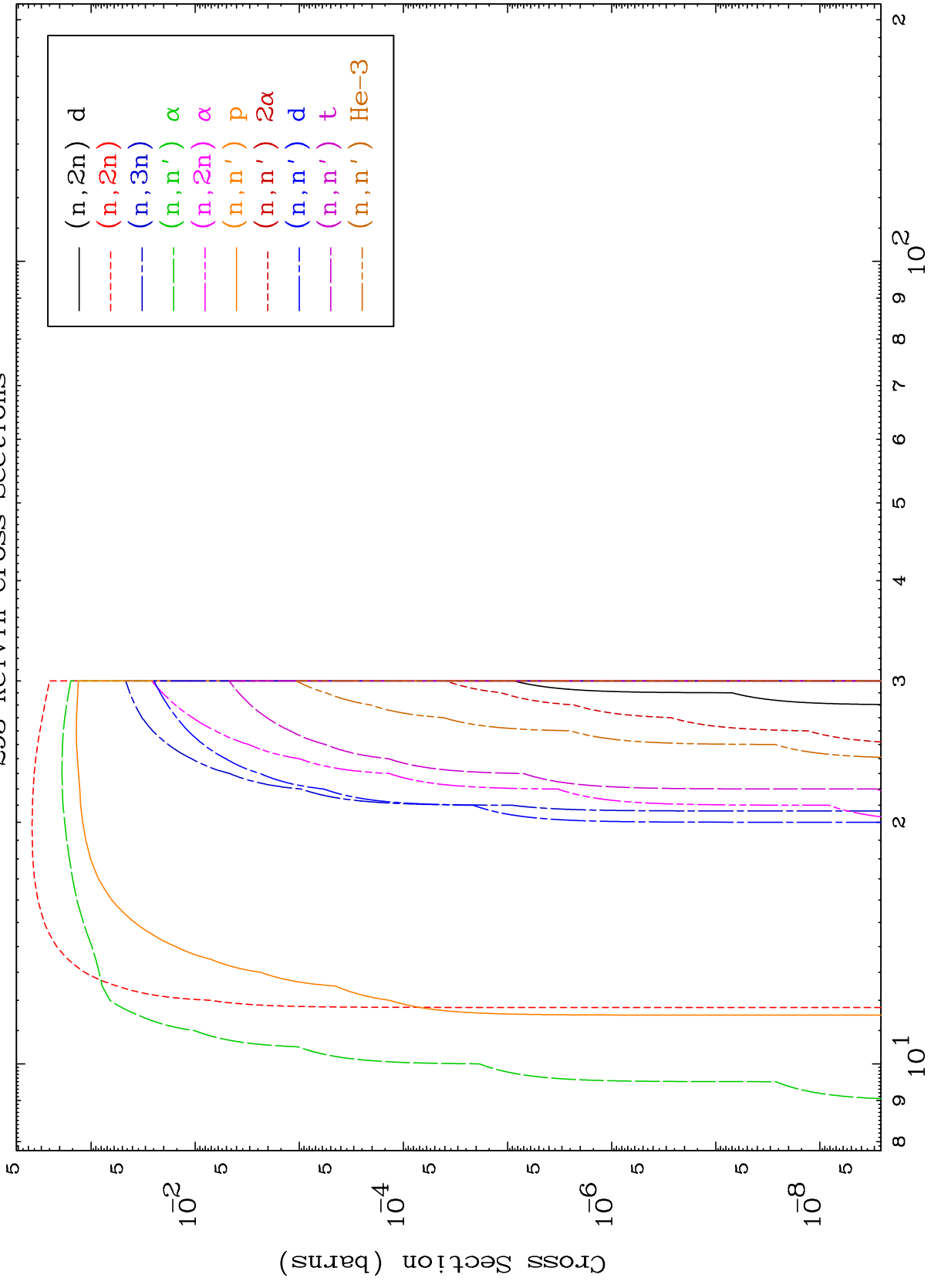
16-S -34



MAT 1631

### Neutron Absorption 293 Kelvin Cross Sections

16-S -34



2

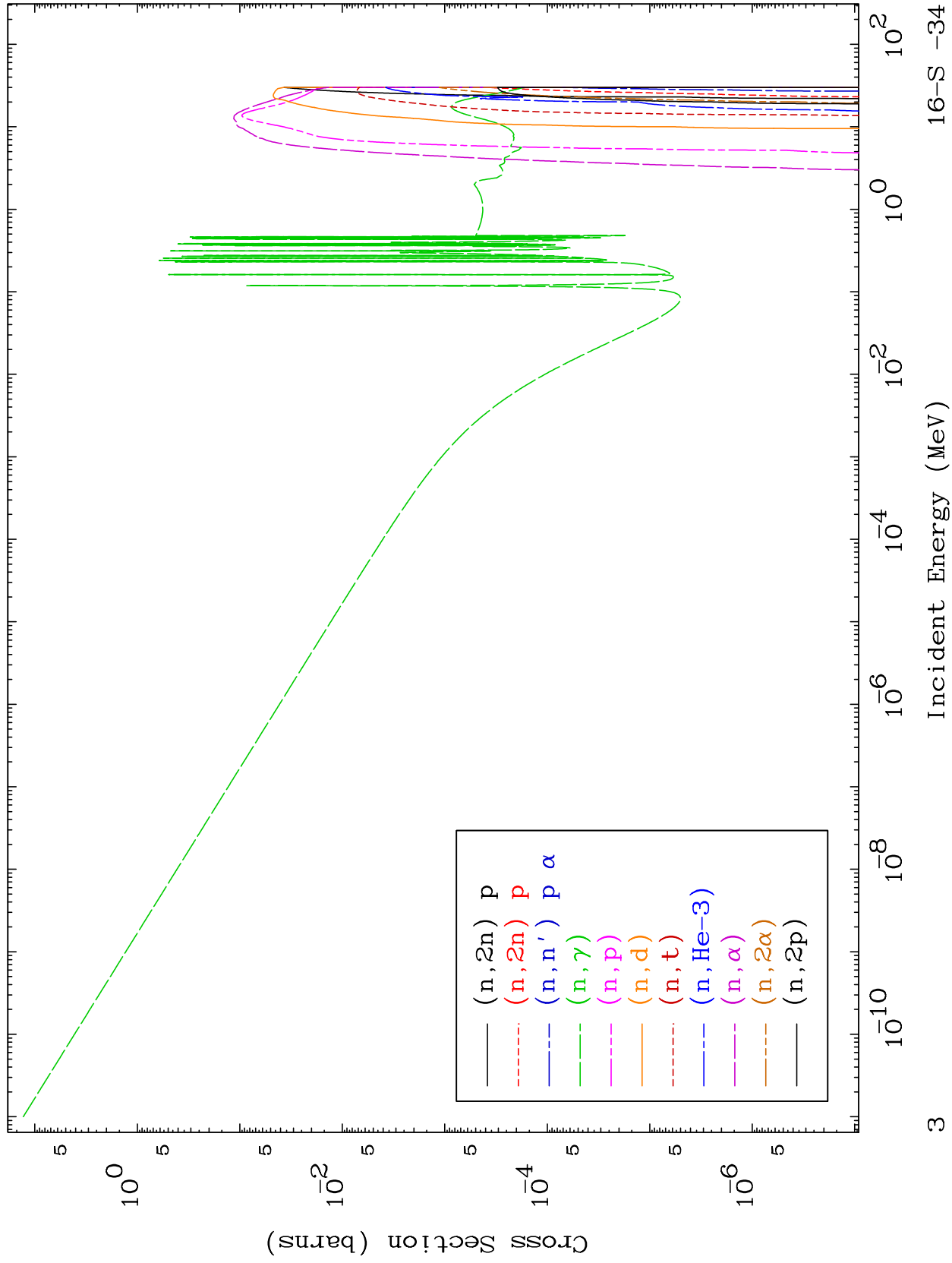
Incident Energy (MeV)

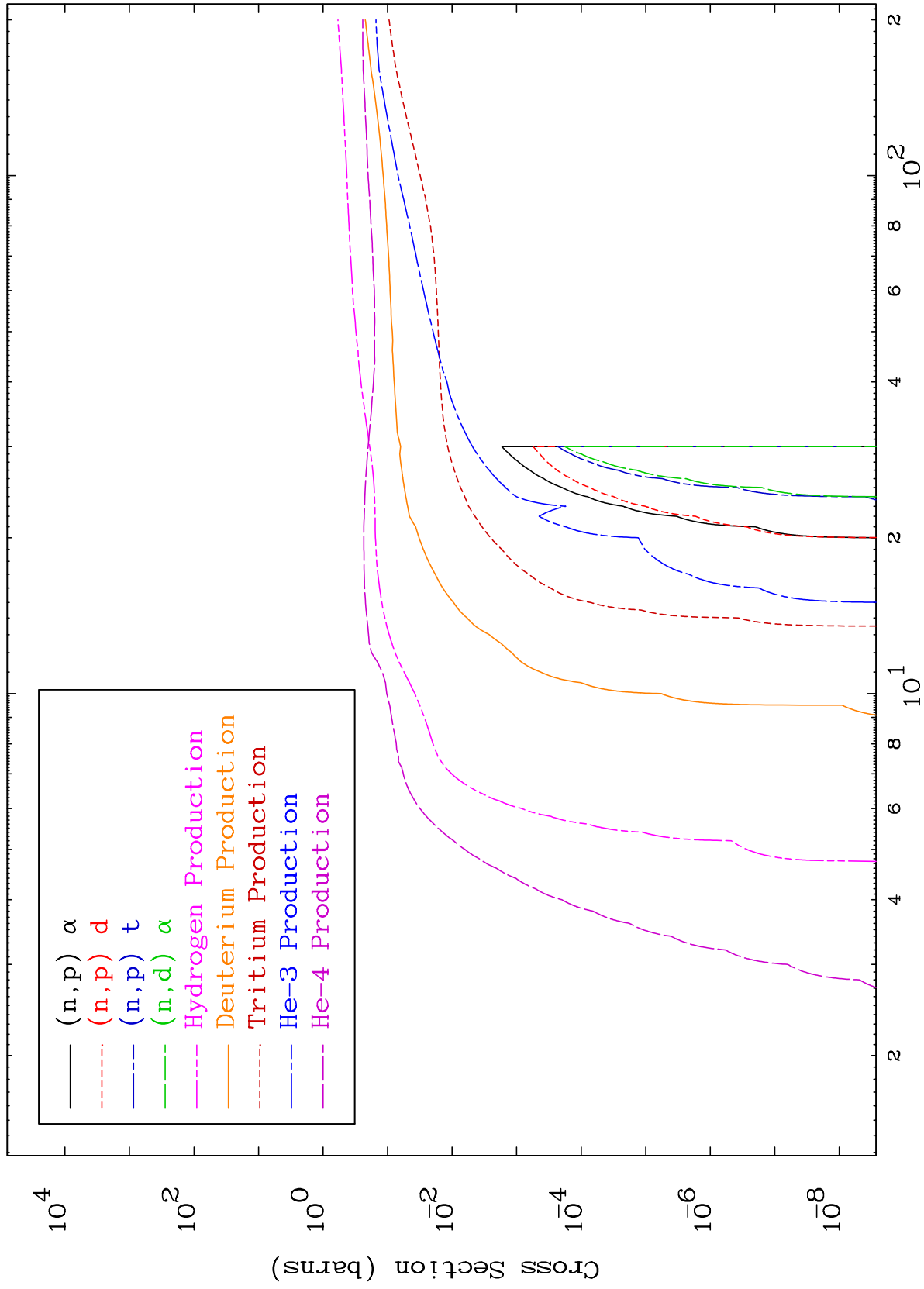
16-S -34

MAT 1631

Neutron Absorption  
293 Kelvin Cross Sections

16-S -34

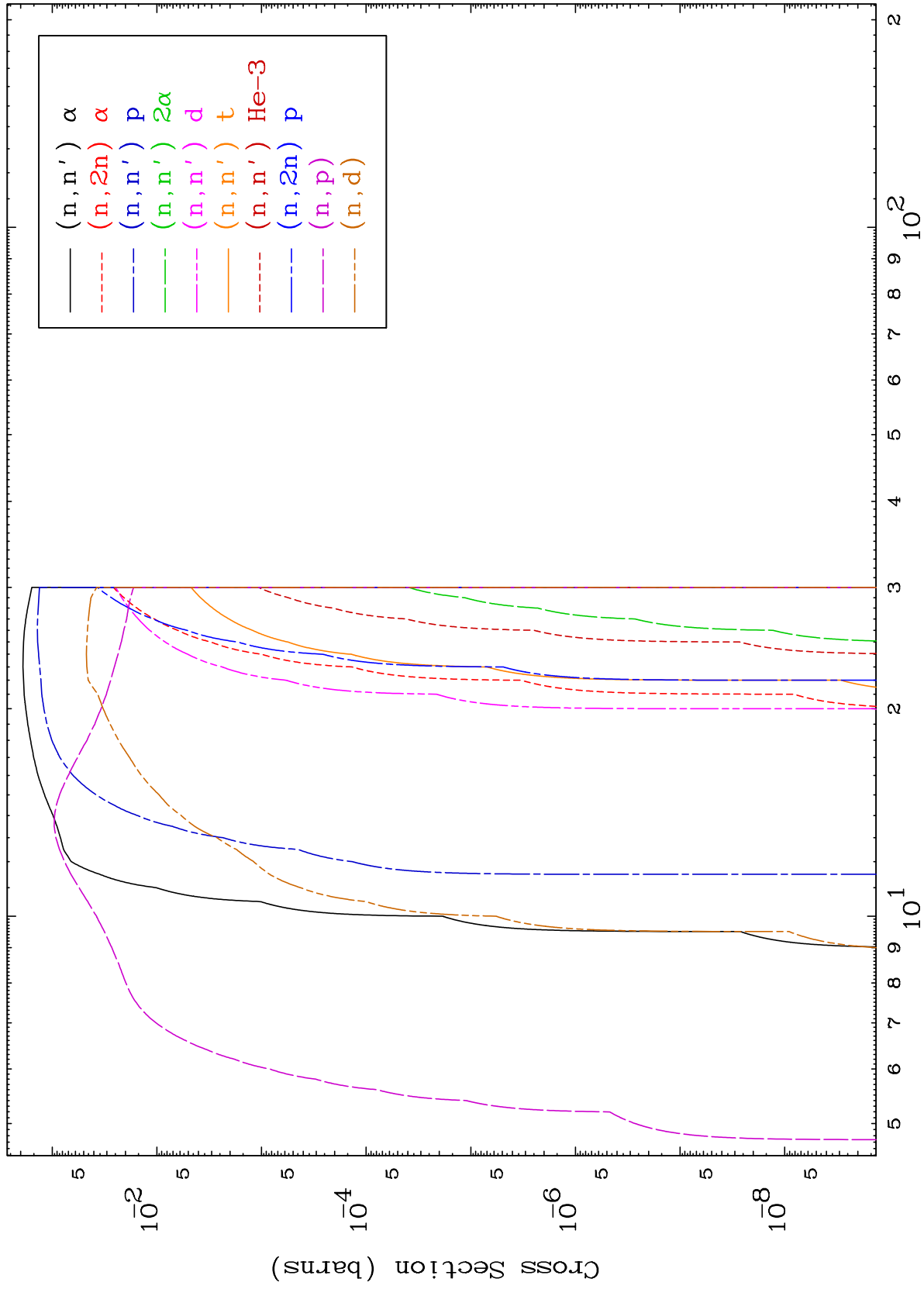




MAT 1631

Charged Particle  
293 Kelvin Cross Sections

16-S -34



5

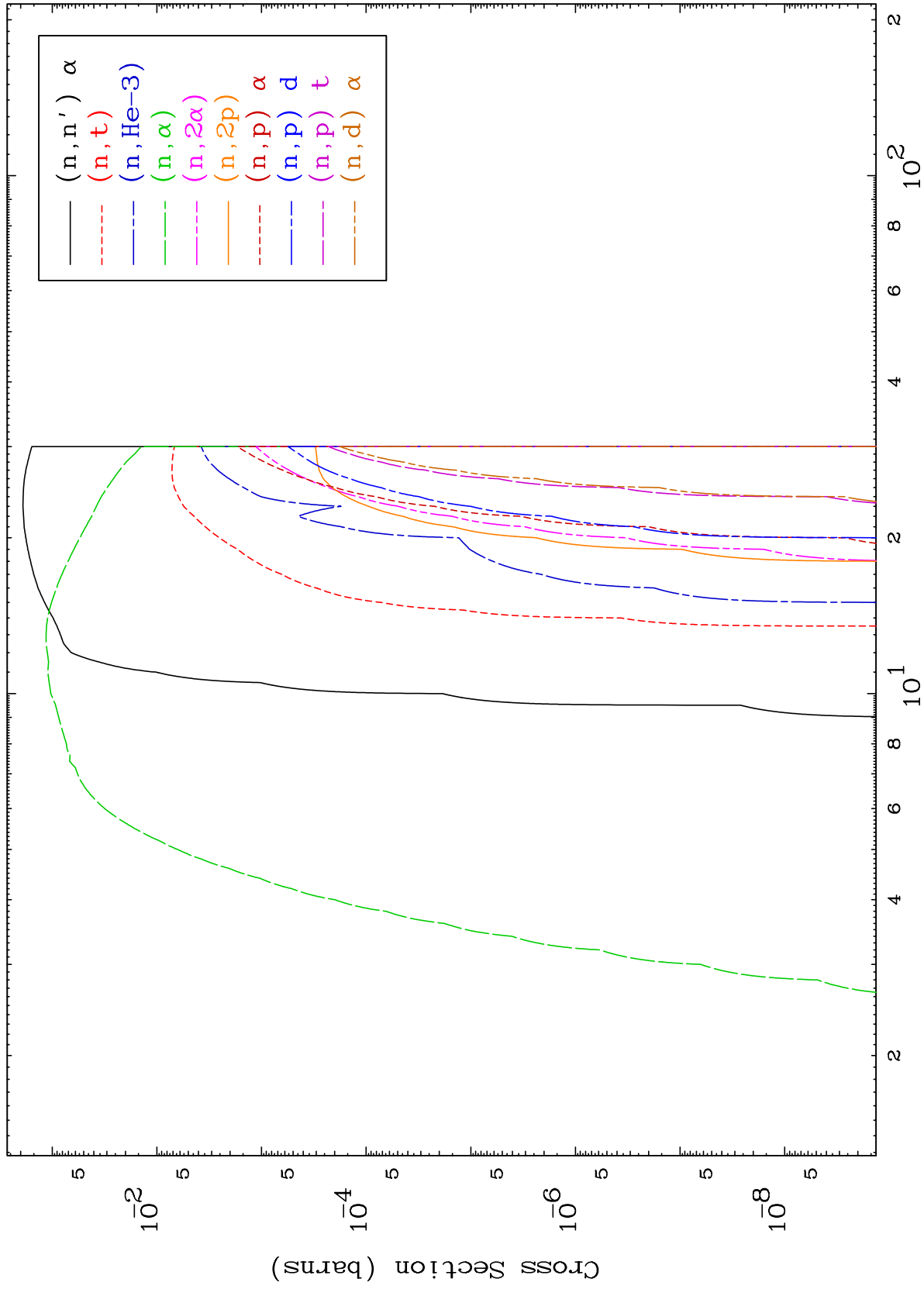
Incident Energy (MeV)

16-S -34

MAT 1631

Charged Particle  
293 Kelvin Cross Sections

16-S -34



6

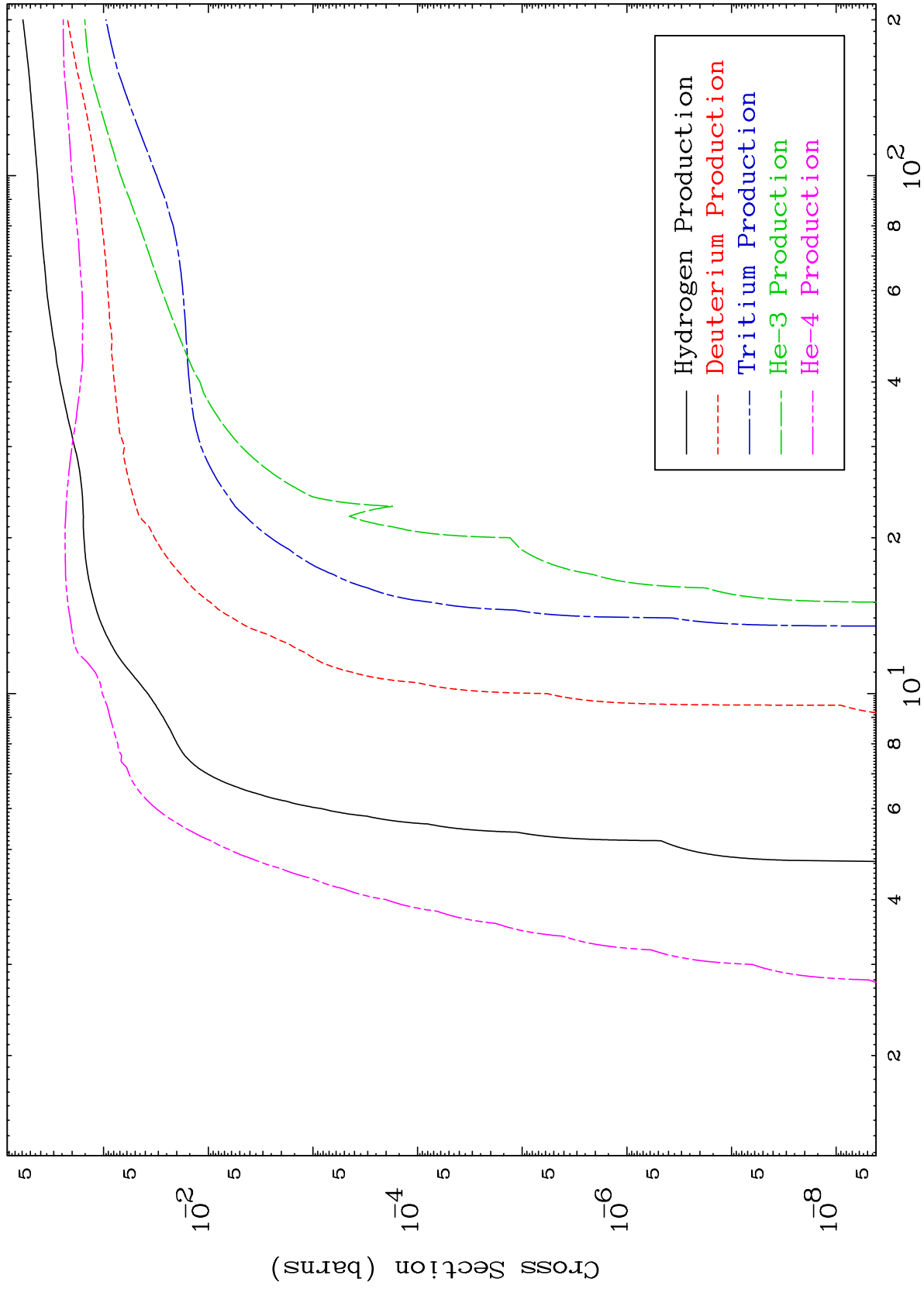
Incident Energy (MeV)

16-S -34

MAT 1631

Particle Production  
293 Kelvin Cross Sections

16-S -34

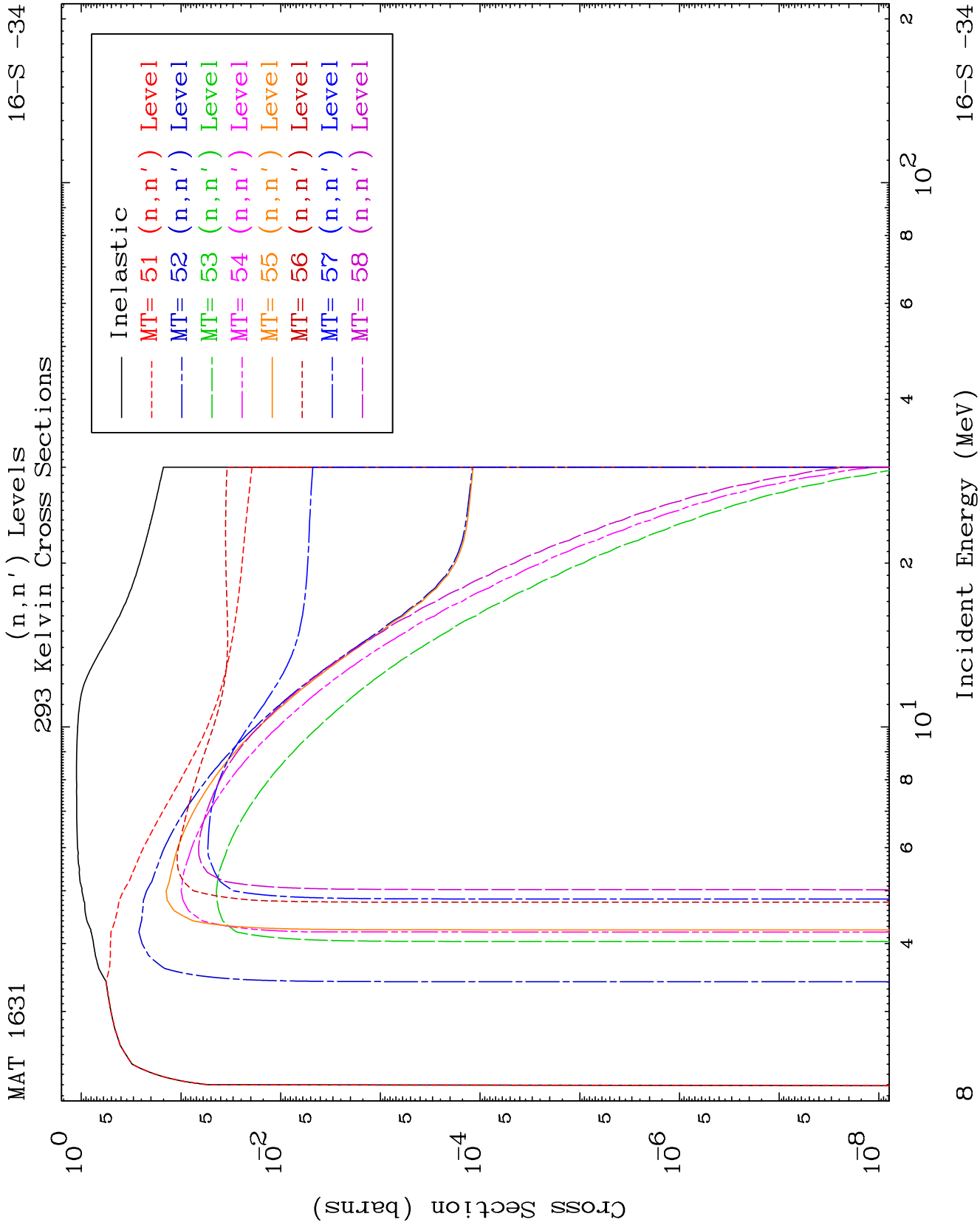


7

Incident Energy (MeV)

16-S -34



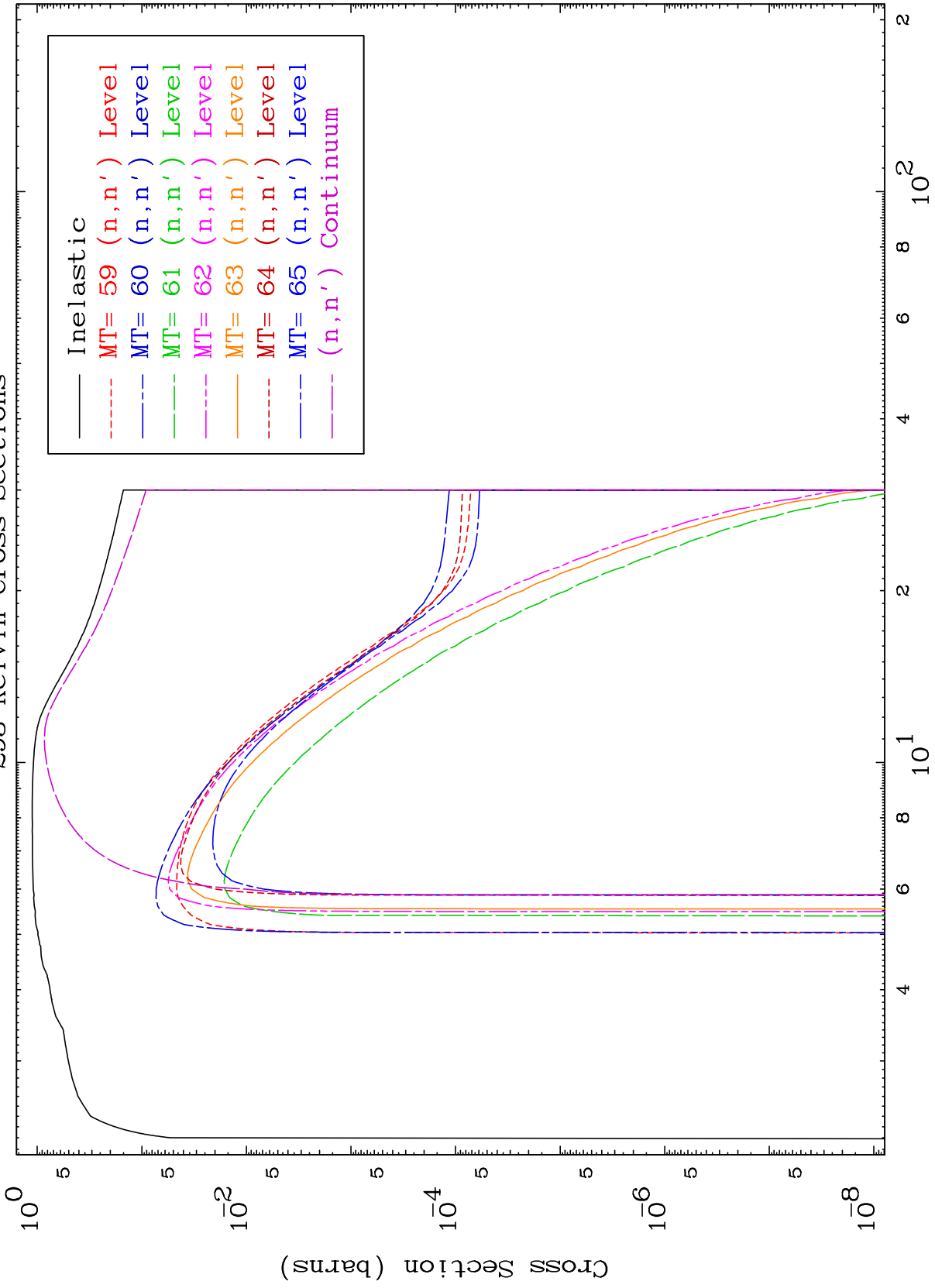


MAT 1631

(n,n') Levels

293 Kelvin Cross Sections

16-S -34



9

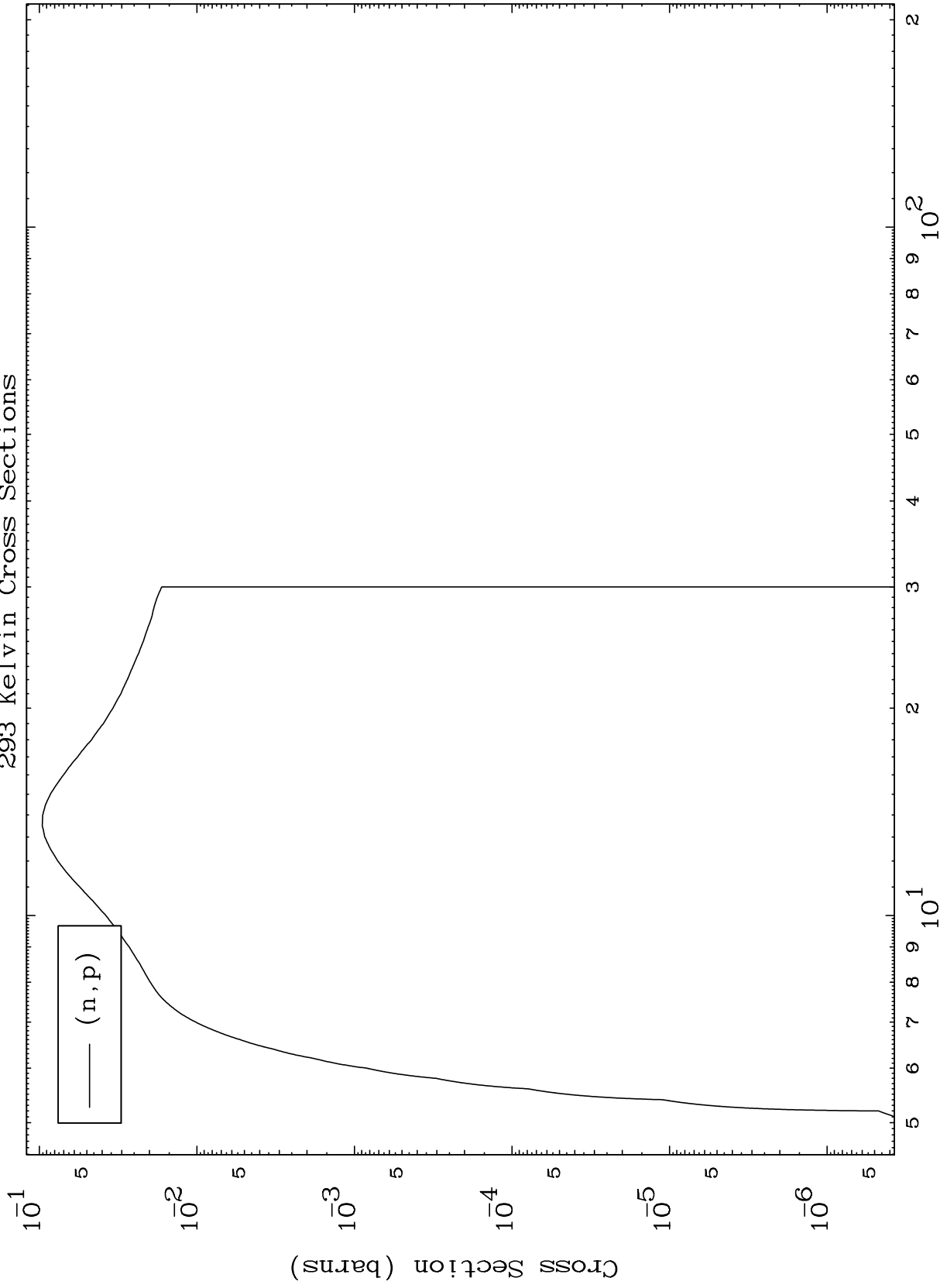
Incident Energy (MeV)

16-S -34

MAT 1631

(n,p) Levels  
293 Kelvin Cross Sections

16-S -34



10

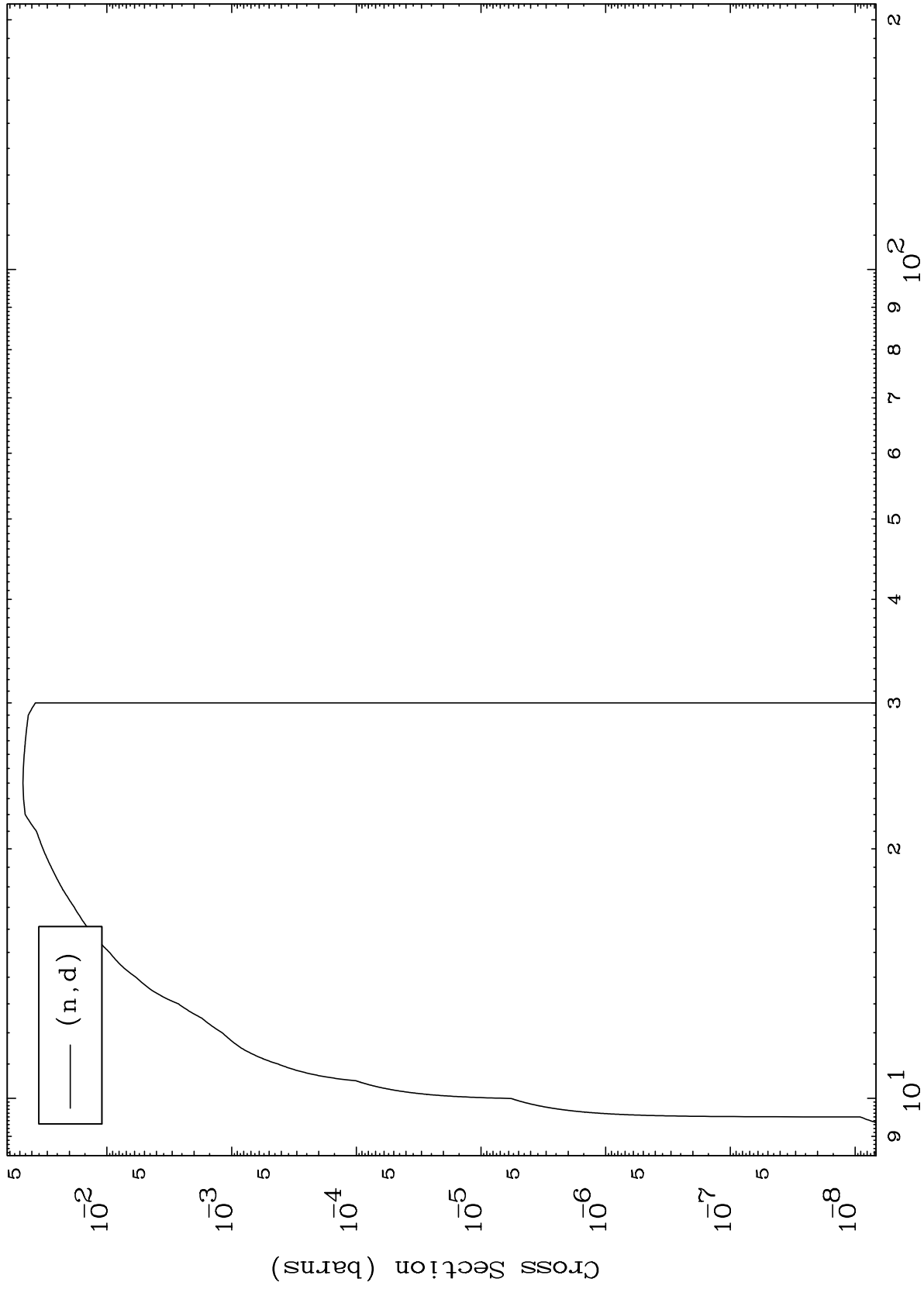
Incident Energy (MeV)

16-S -34

MAT 1631

(n,d) Levels  
293 Kelvin Cross Sections

16-S -34



11

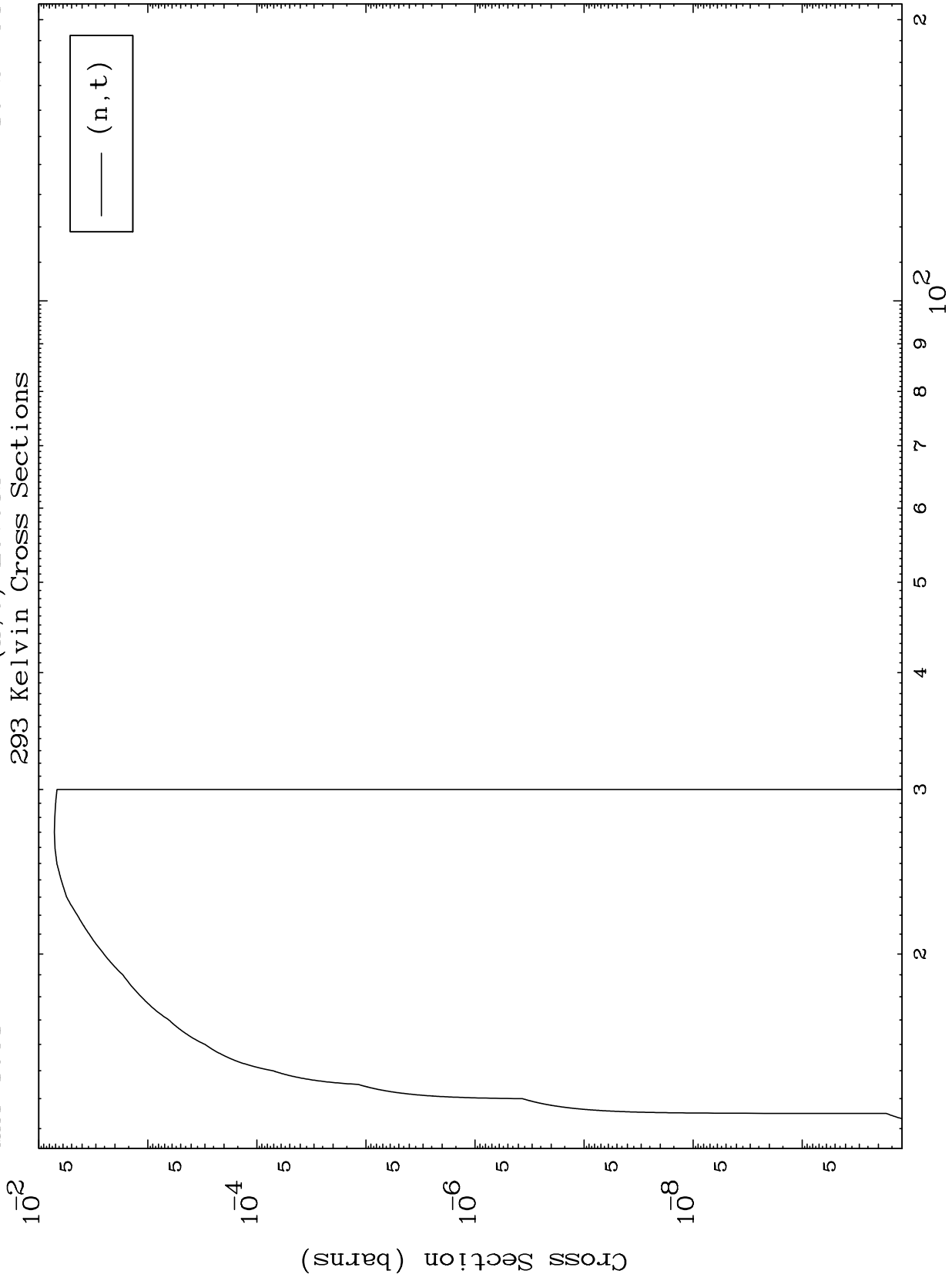
Incident Energy (MeV)

16-S -34

MAT 1631

(n,t) Levels  
293 Kelvin Cross Sections

16-S -34



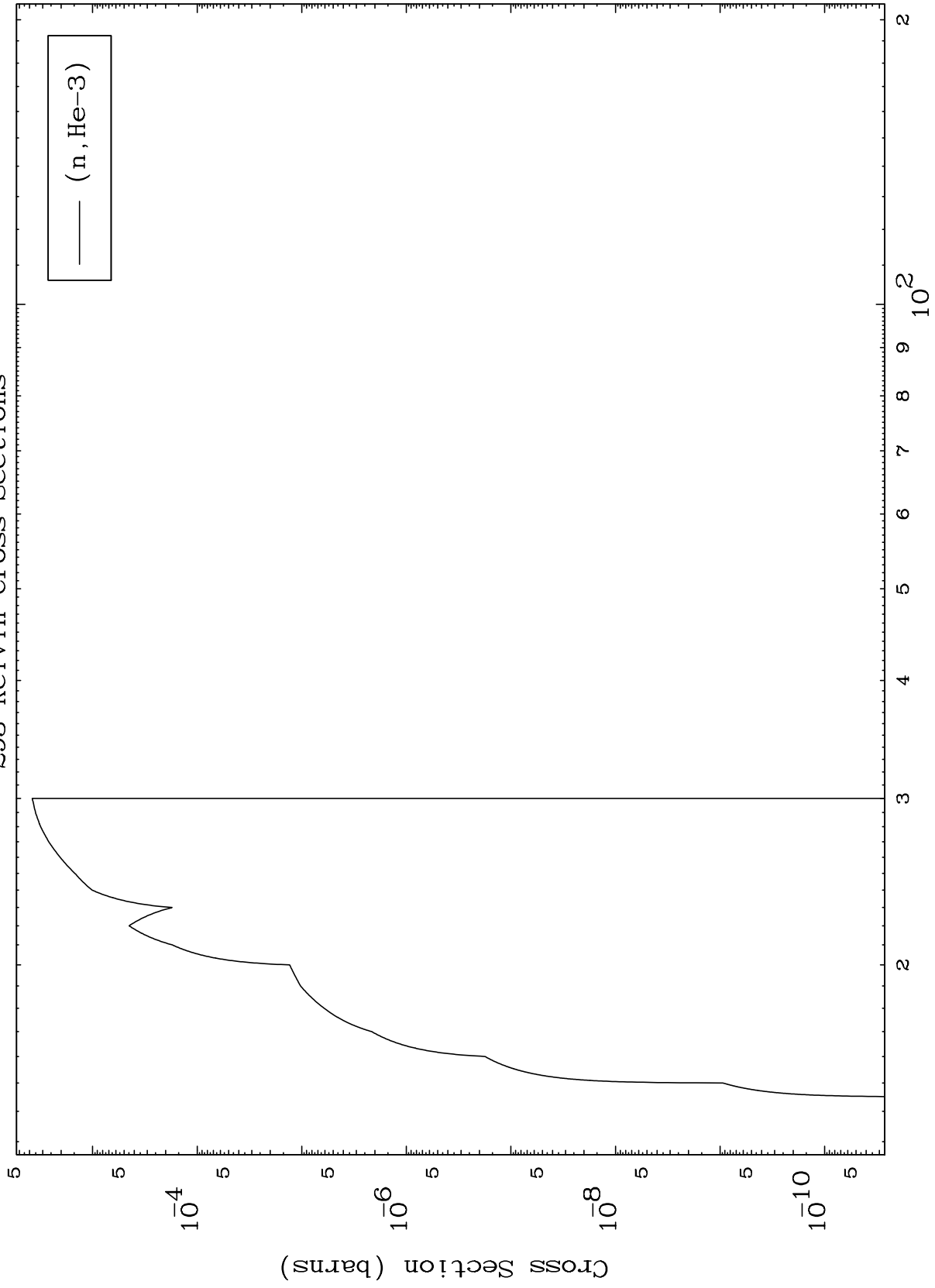
12

16-S -34

MAT 1631

(n,He3) Levels  
293 Kelvin Cross Sections

16-S -34



13

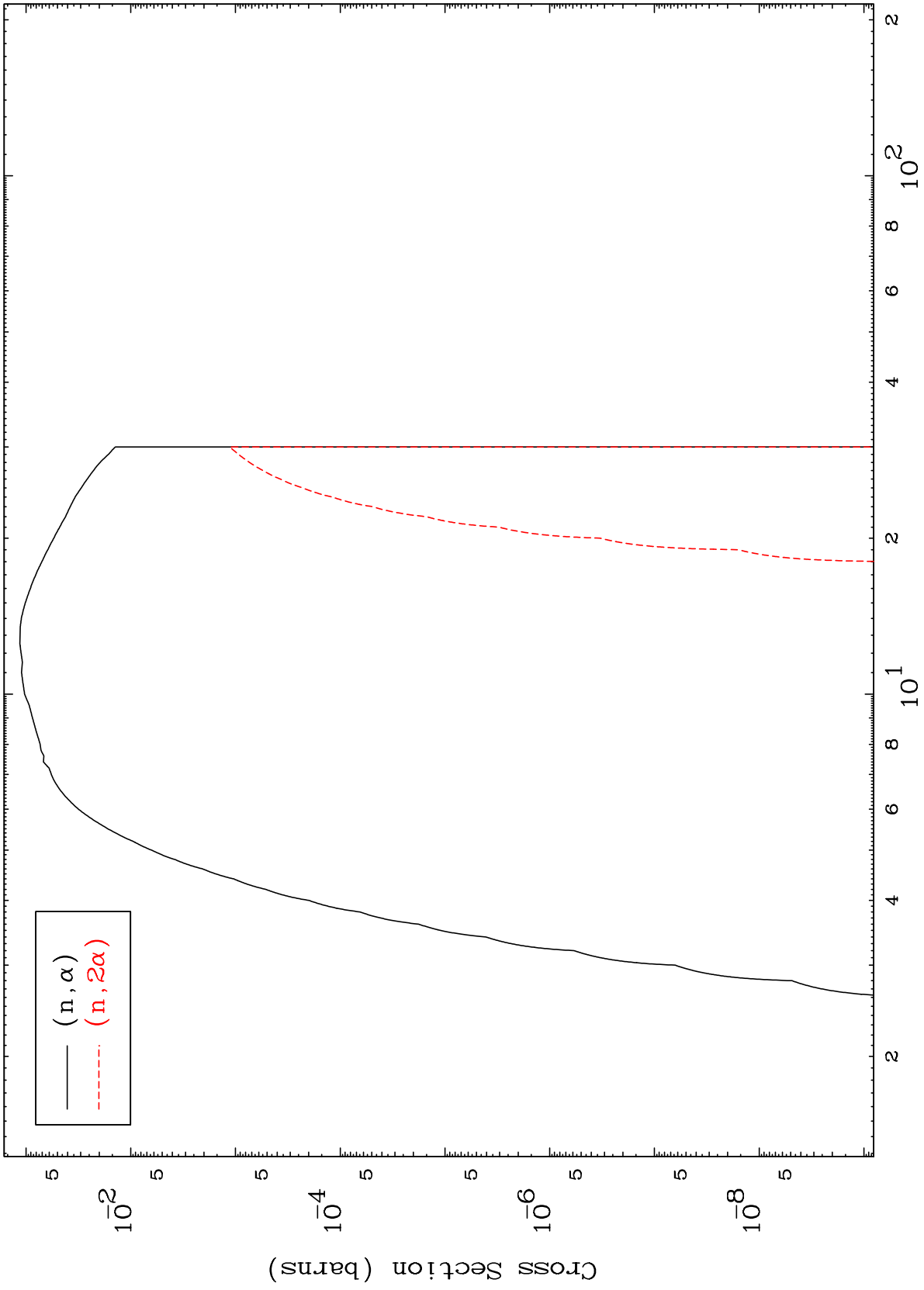
Incident Energy (MeV)

16-S -34

MAT 1631

293 Kelvin Cross Sections  
(n,α) Levels

16-S -34



14

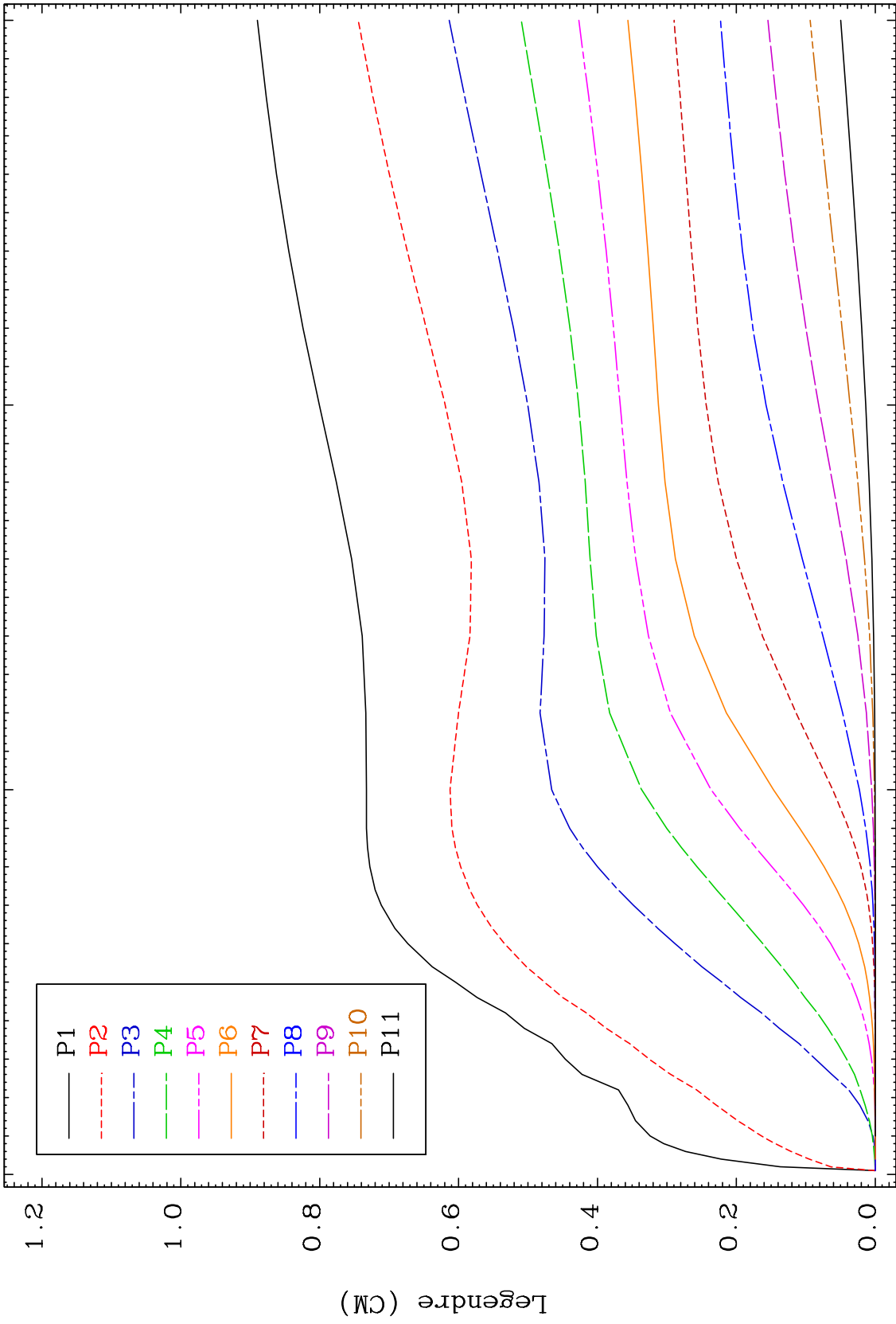
Incident Energy (MeV)

16-S -34

MAT 1631

Elastic Legendre Coefficients

16-S -34



15

Incident Energy (MeV)

16-S -34

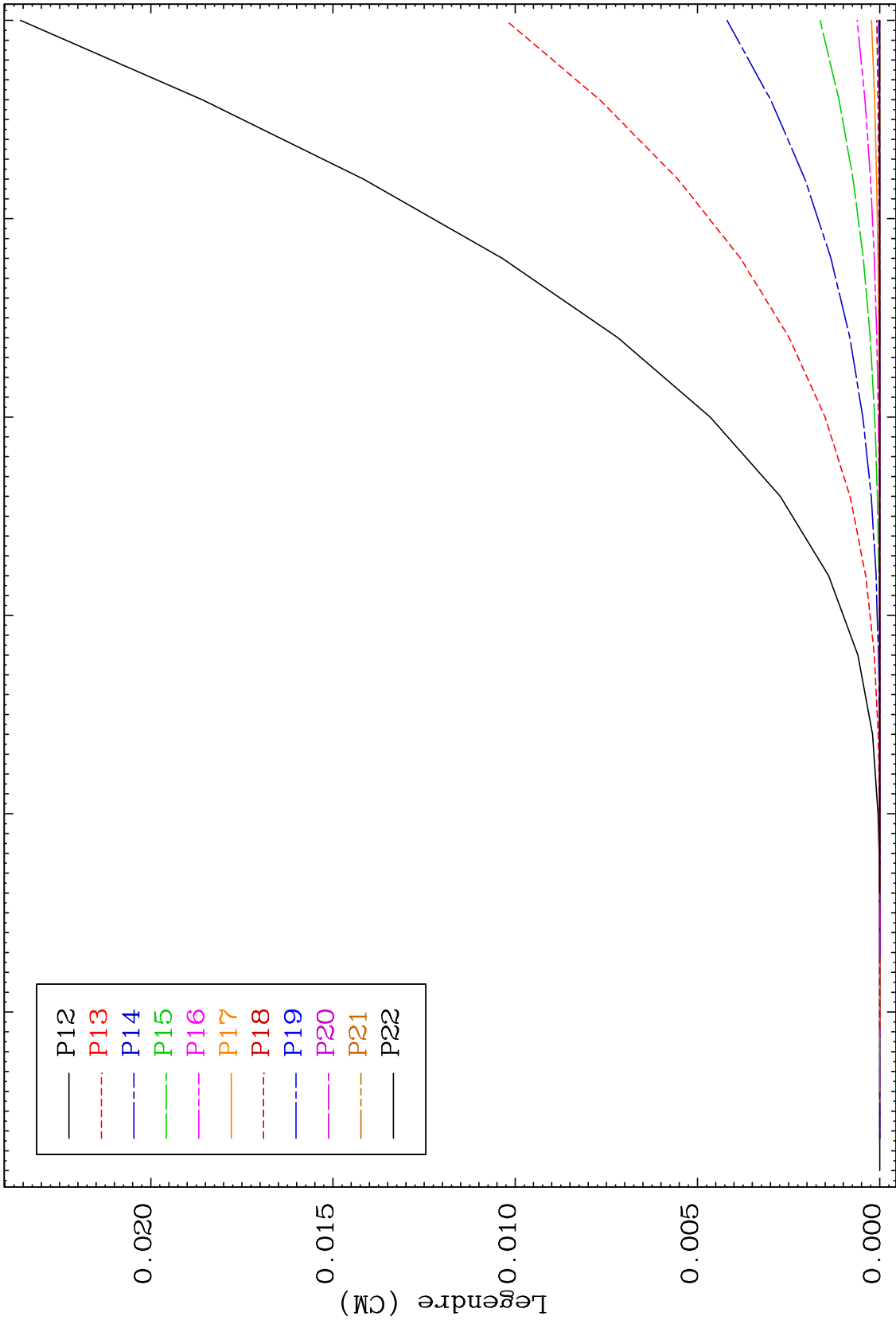
Legendre (CM)



MAT 1631

Elastic Legendre Coefficients

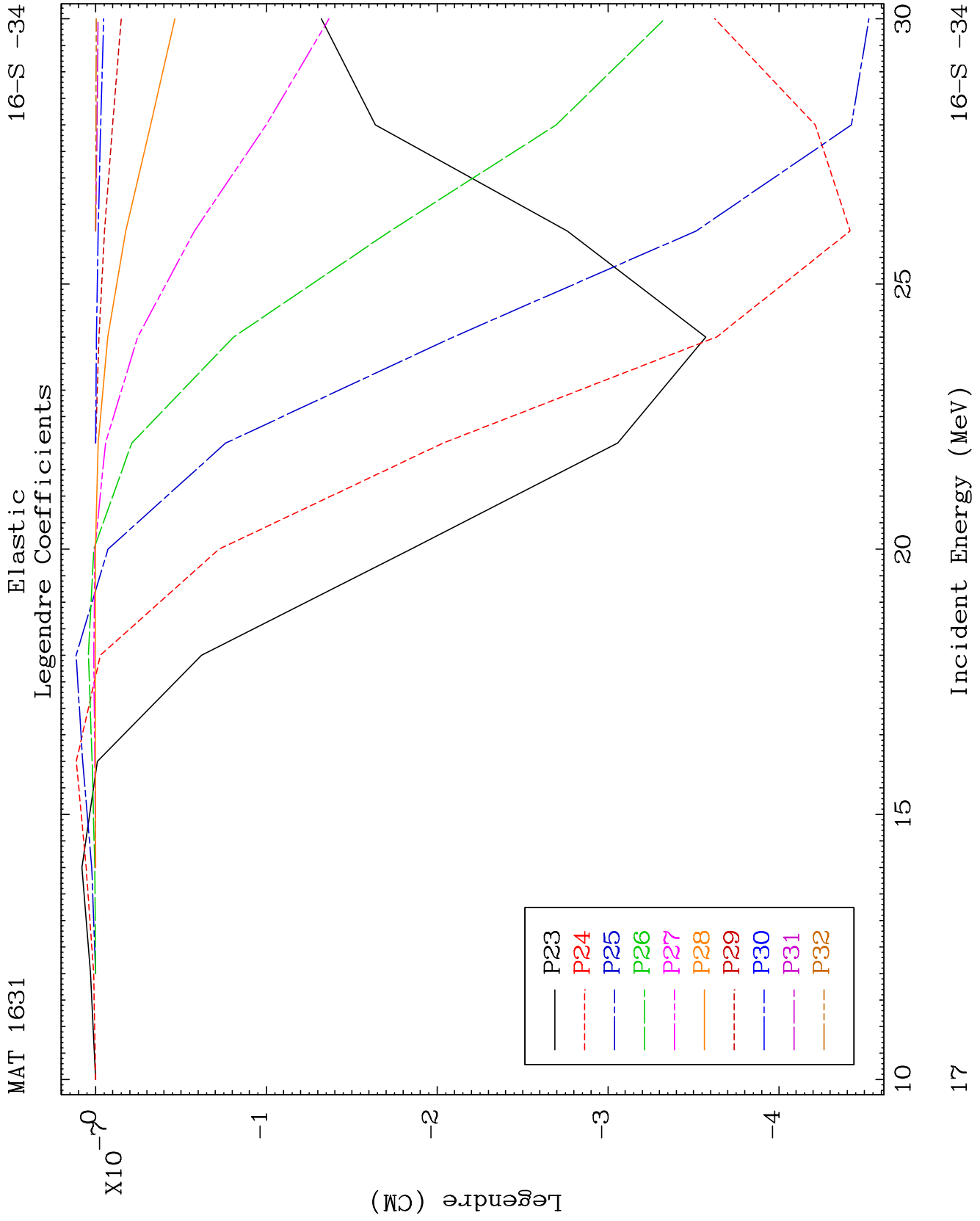
16-S -34



16

Incident Energy (MeV)

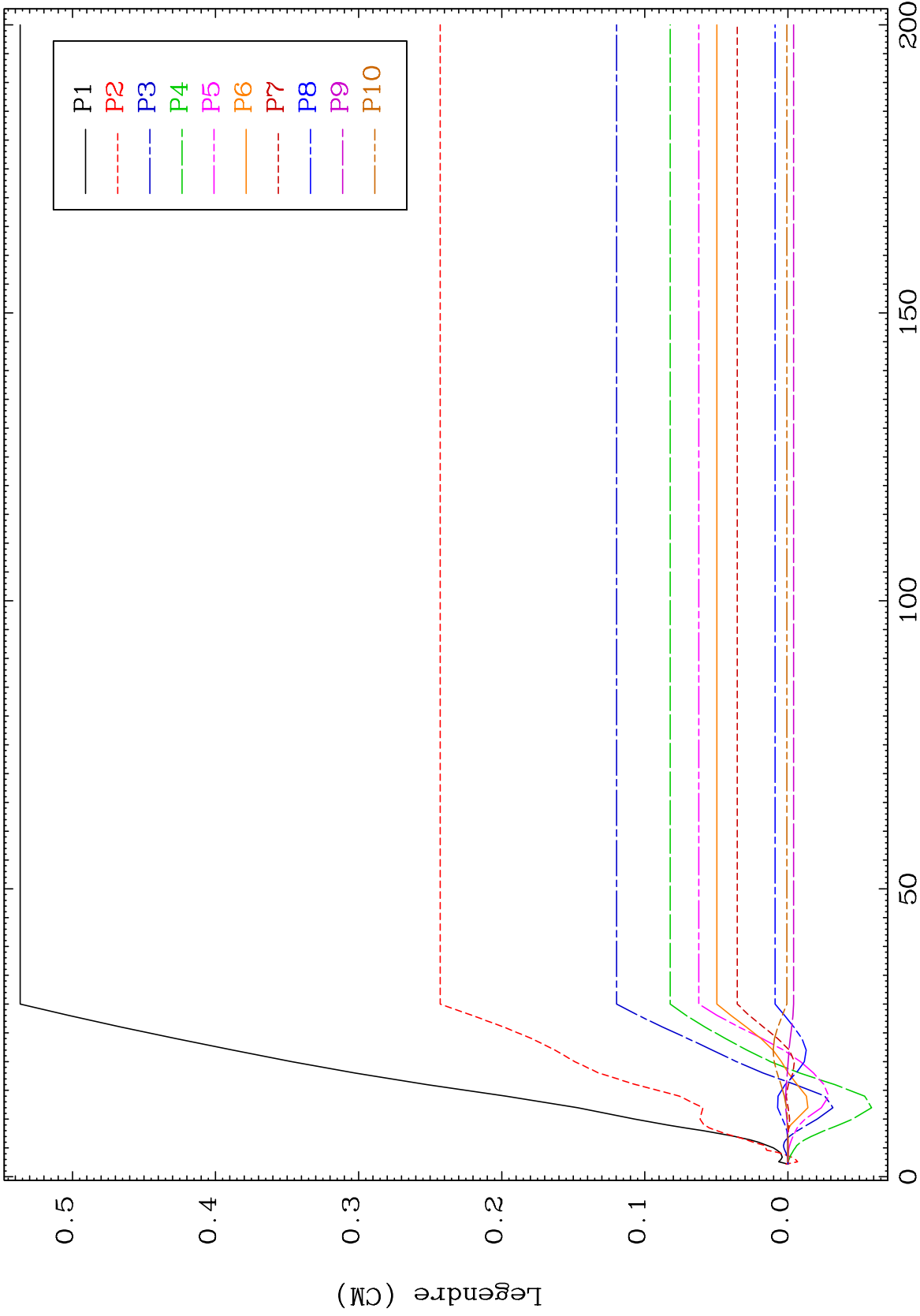
16-S -34



MAT 1631

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

16-S -34



18

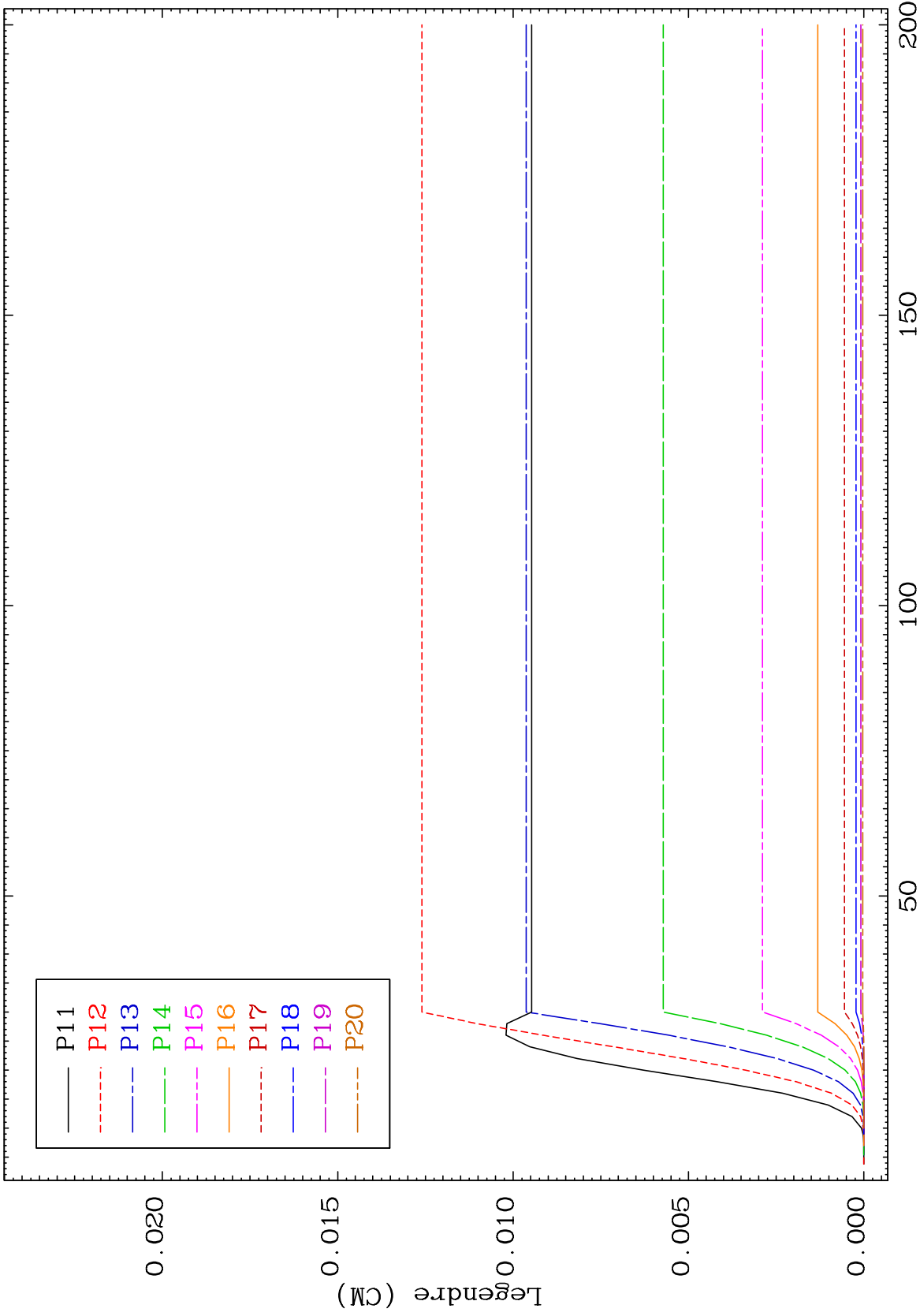
Incident Energy (MeV)

16-S -34

MAT 1631

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

16-S -34



19

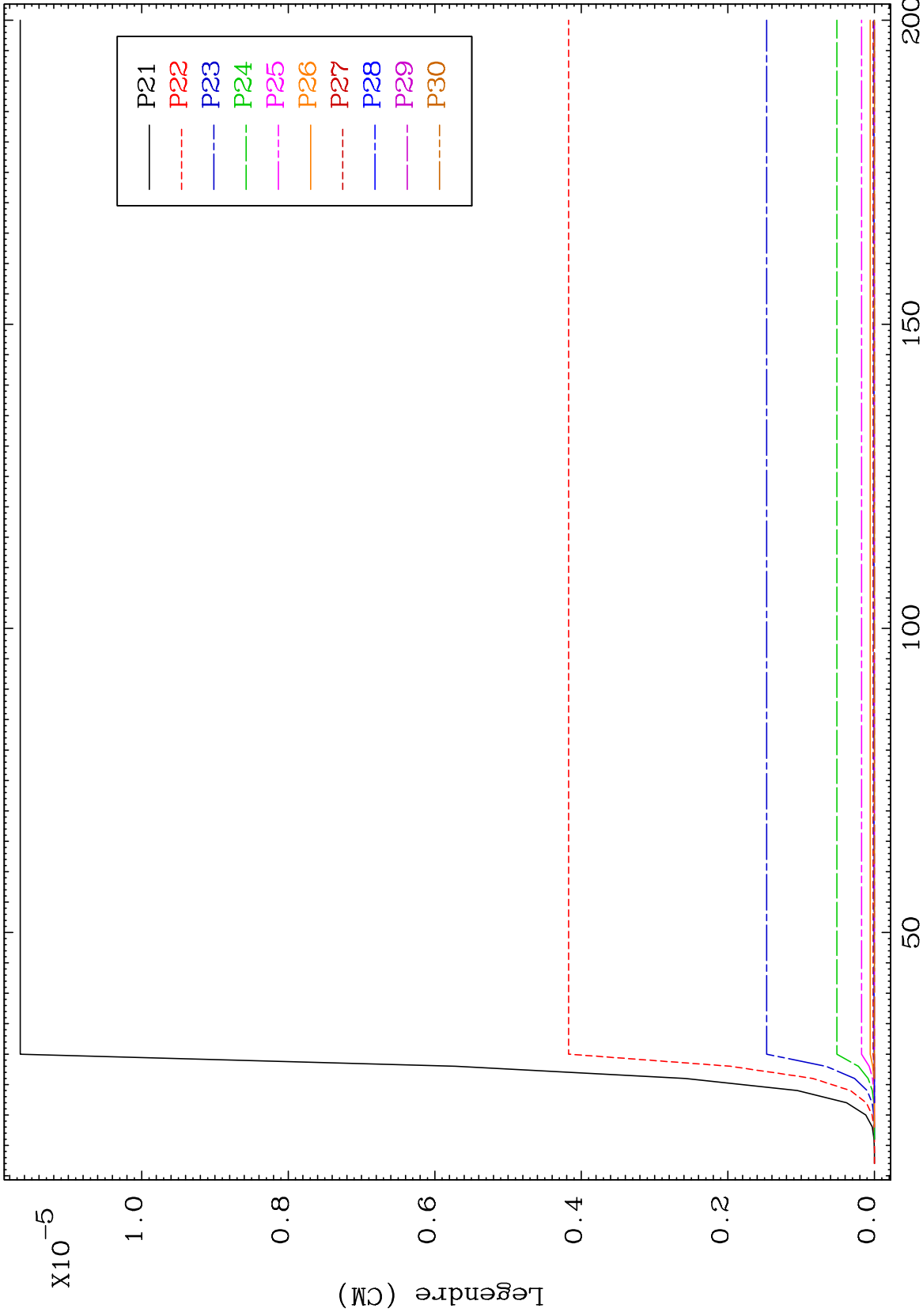
Incident Energy (MeV)

16-S -34

MAT 1631

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

16-S -34



20

50

100

150

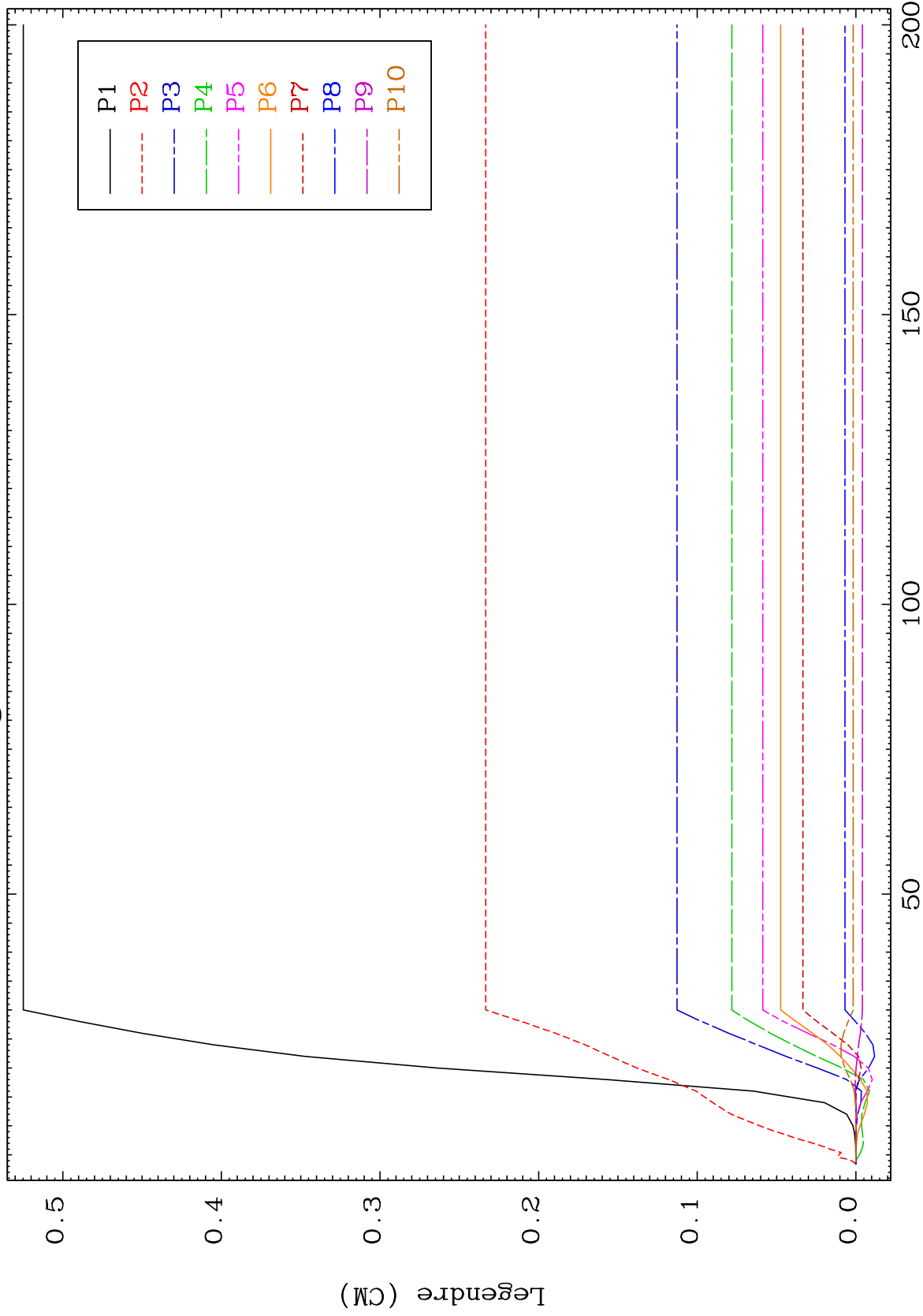
200

16-S -34

MAT 1631

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

16-S -34



21

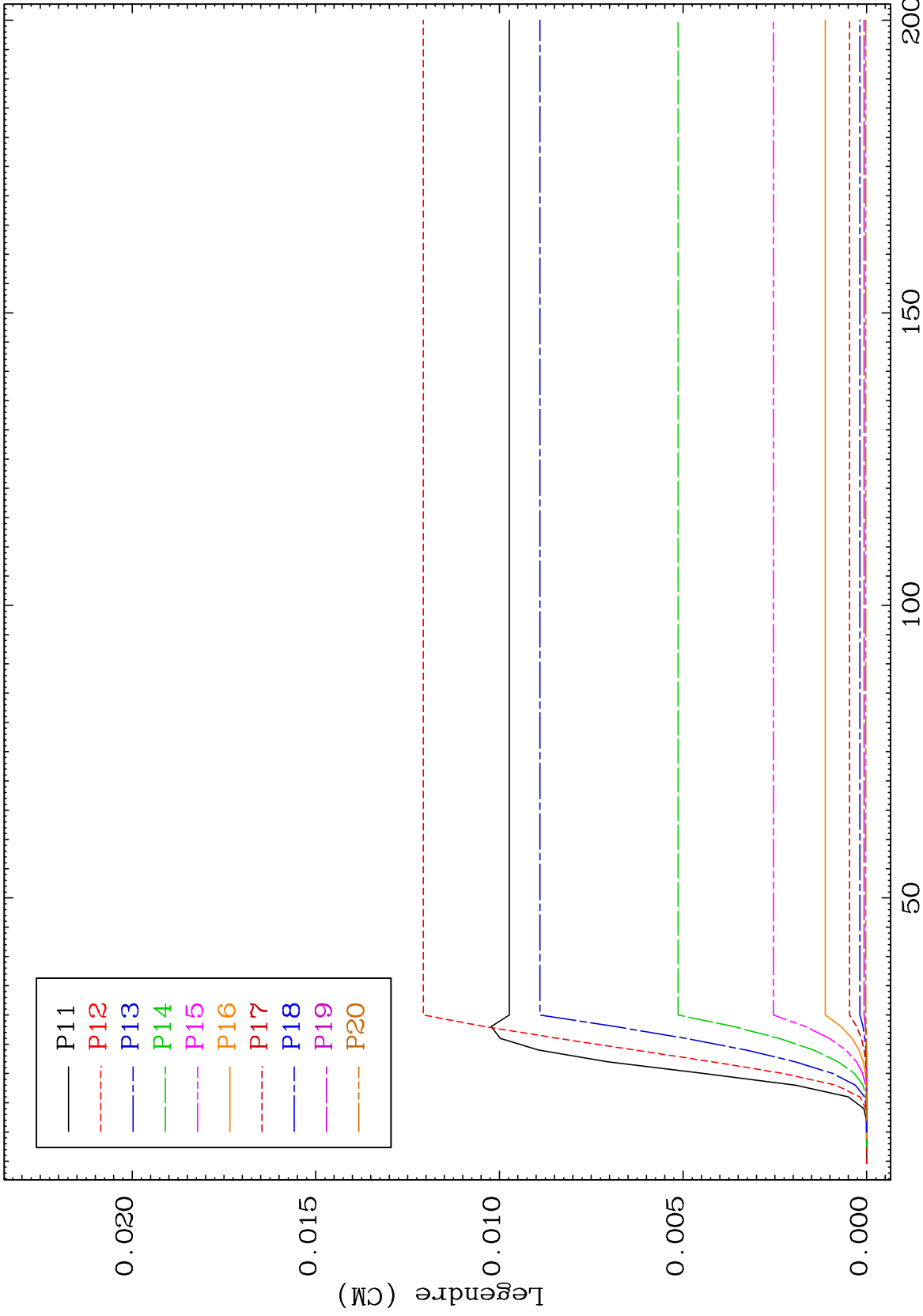
Incident Energy (MeV)

16-S -34

MAT 1631

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

16-S -34



22

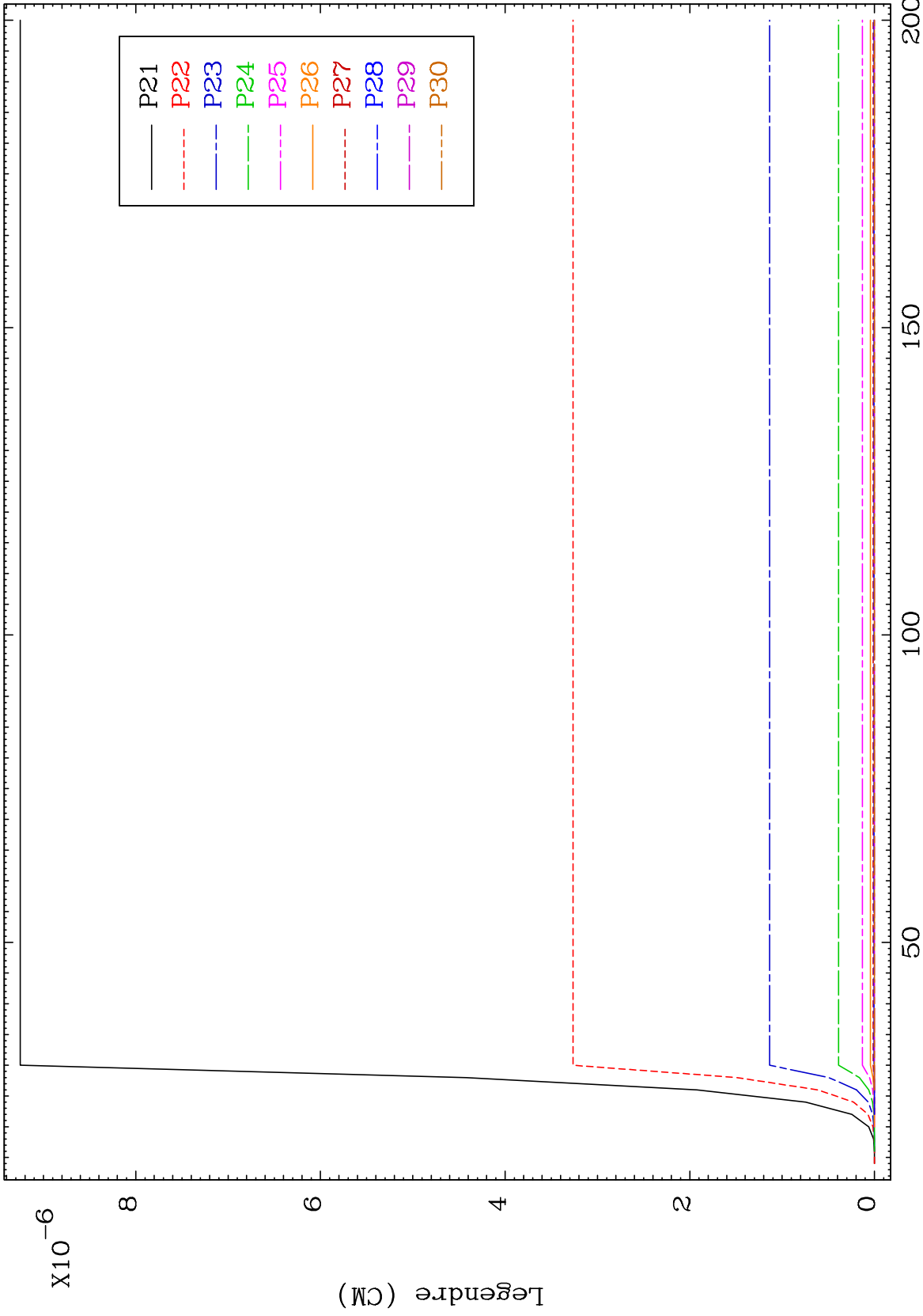
Incident Energy (MeV)

16-S -34

MAT 1631

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

16-S -34



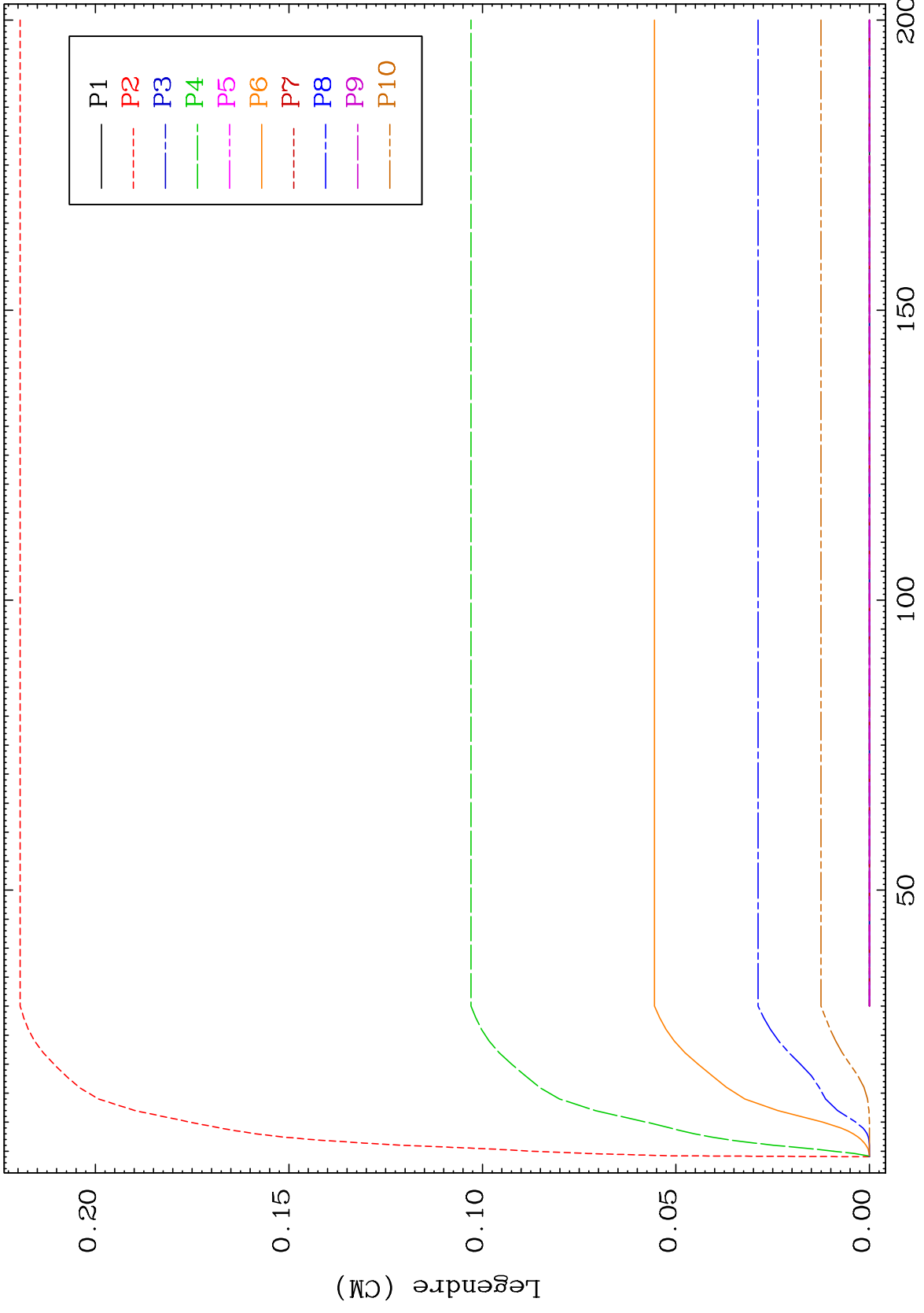
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Incident Energy (MeV)

16-S -34

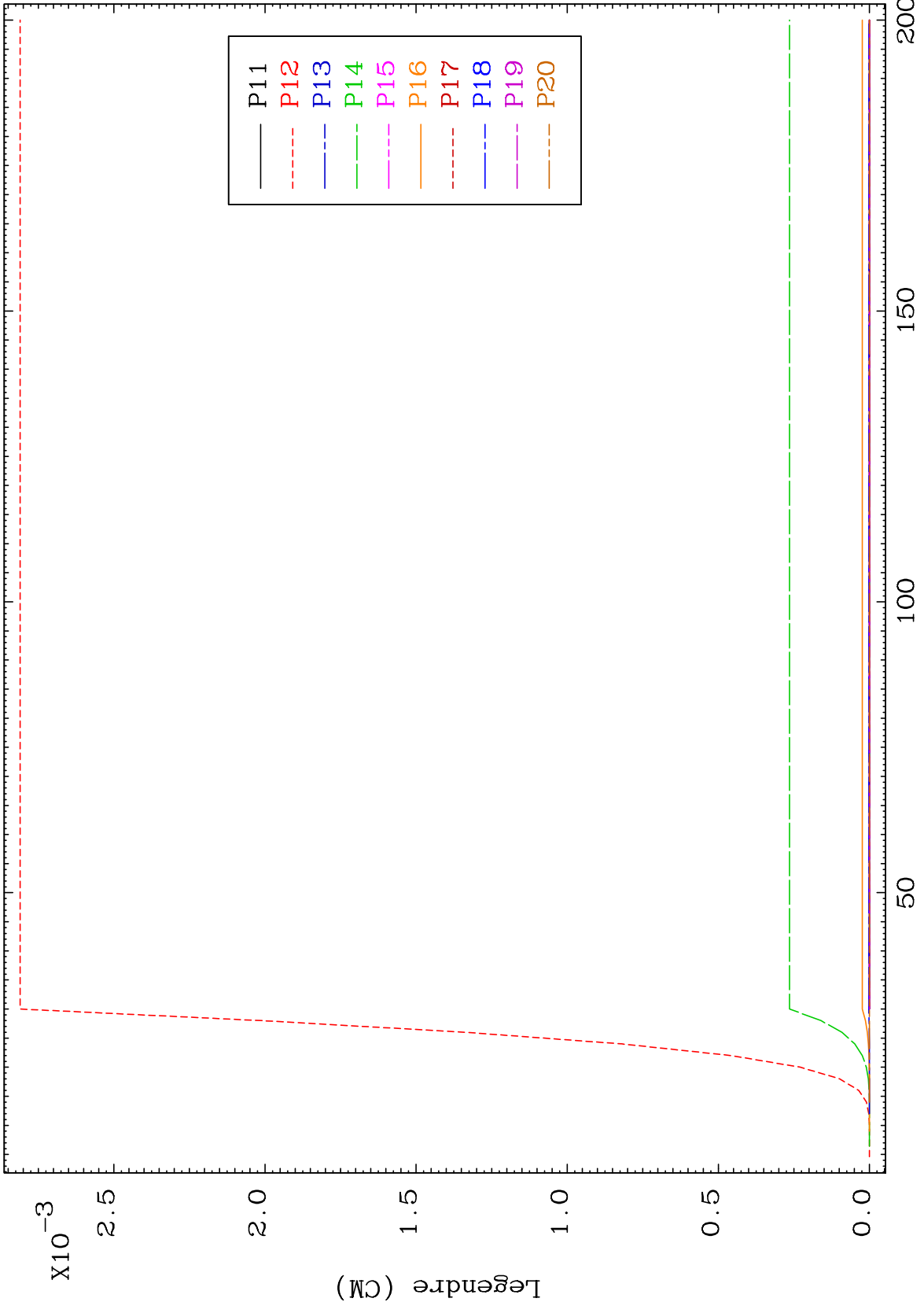


MAT 1631 MT= 53 (n,n') Level Legendre Coefficients 16-S -34



MAT 1631 MT= 53 (n,n') Level Legendre Coefficients

16-S -34



16-S -34

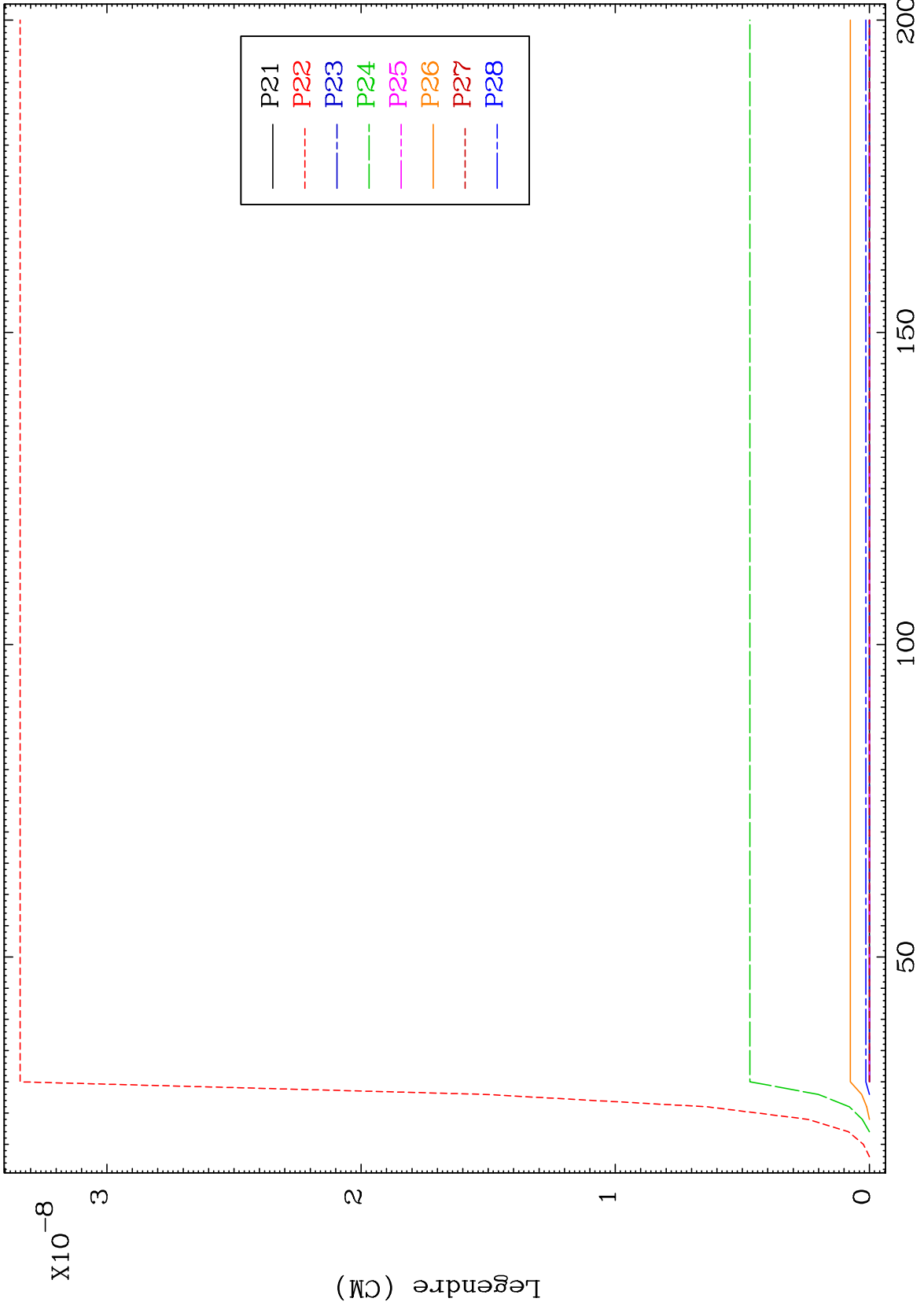
Incident Energy (MeV)

25

MAT 1631 MT= 53 (n,n') Level Legendre Coefficients

16-S -34

16-S -34



26

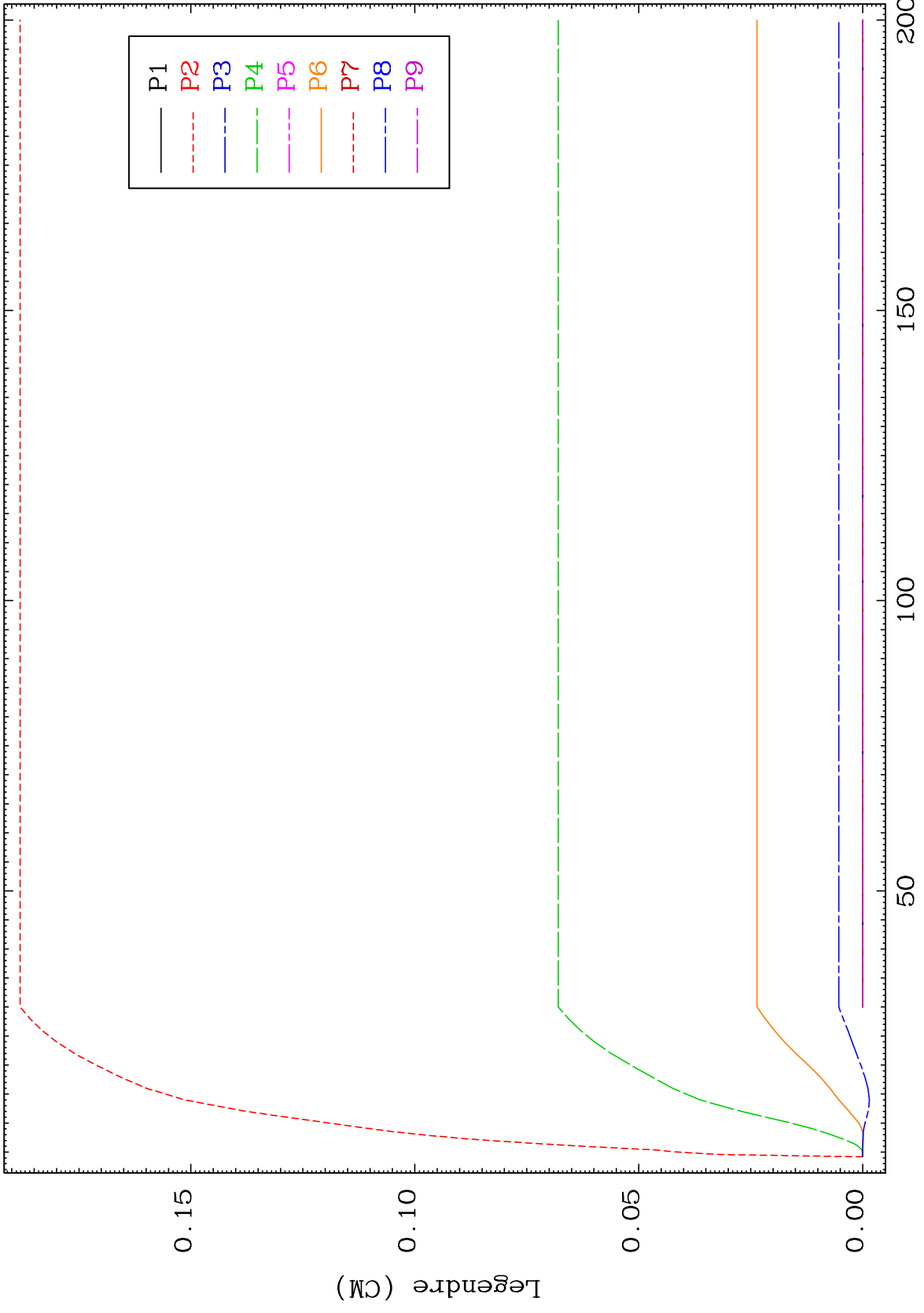
50

100

150

200

MAT 1631 MT= 54 (n,n') Level Legendre Coefficients 16-S -34

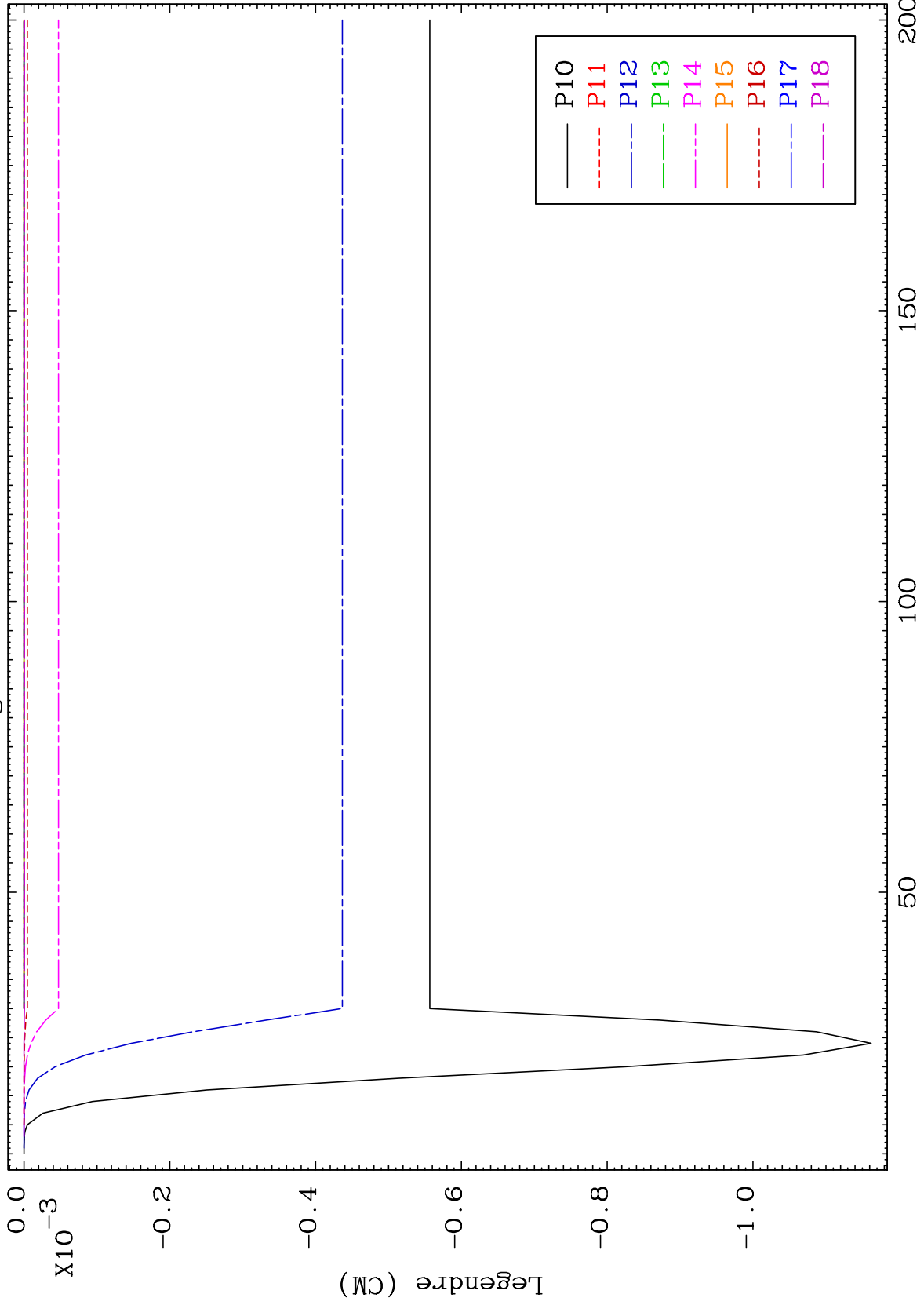


27 Incident Energy (MeV) 16-S -34

MAT 1631

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

16-S -34

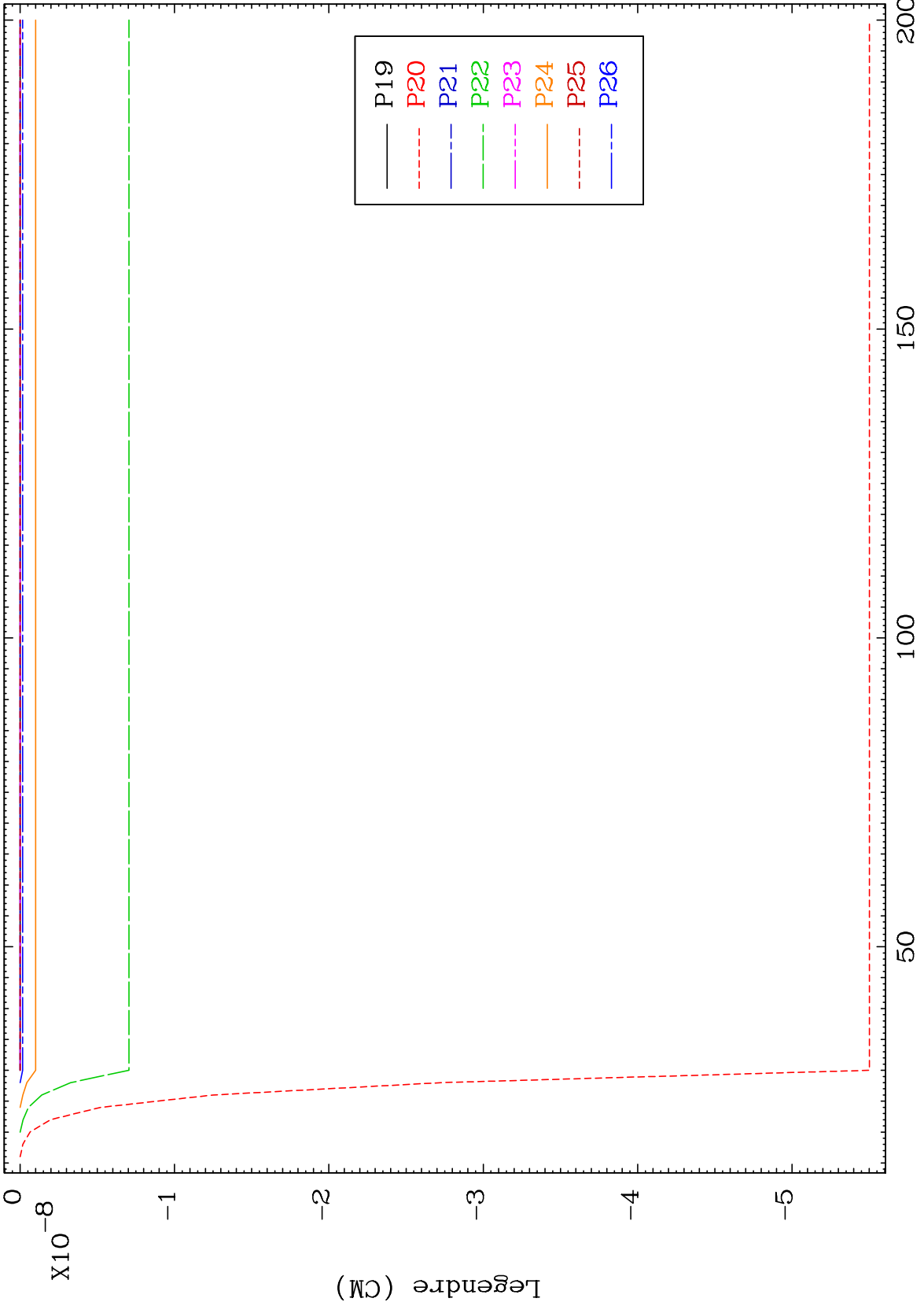


16-S -34

Incident Energy (MeV)

28

MAT 1631 MT= 54 (n,n') Level Legendre Coefficients 16-S -34

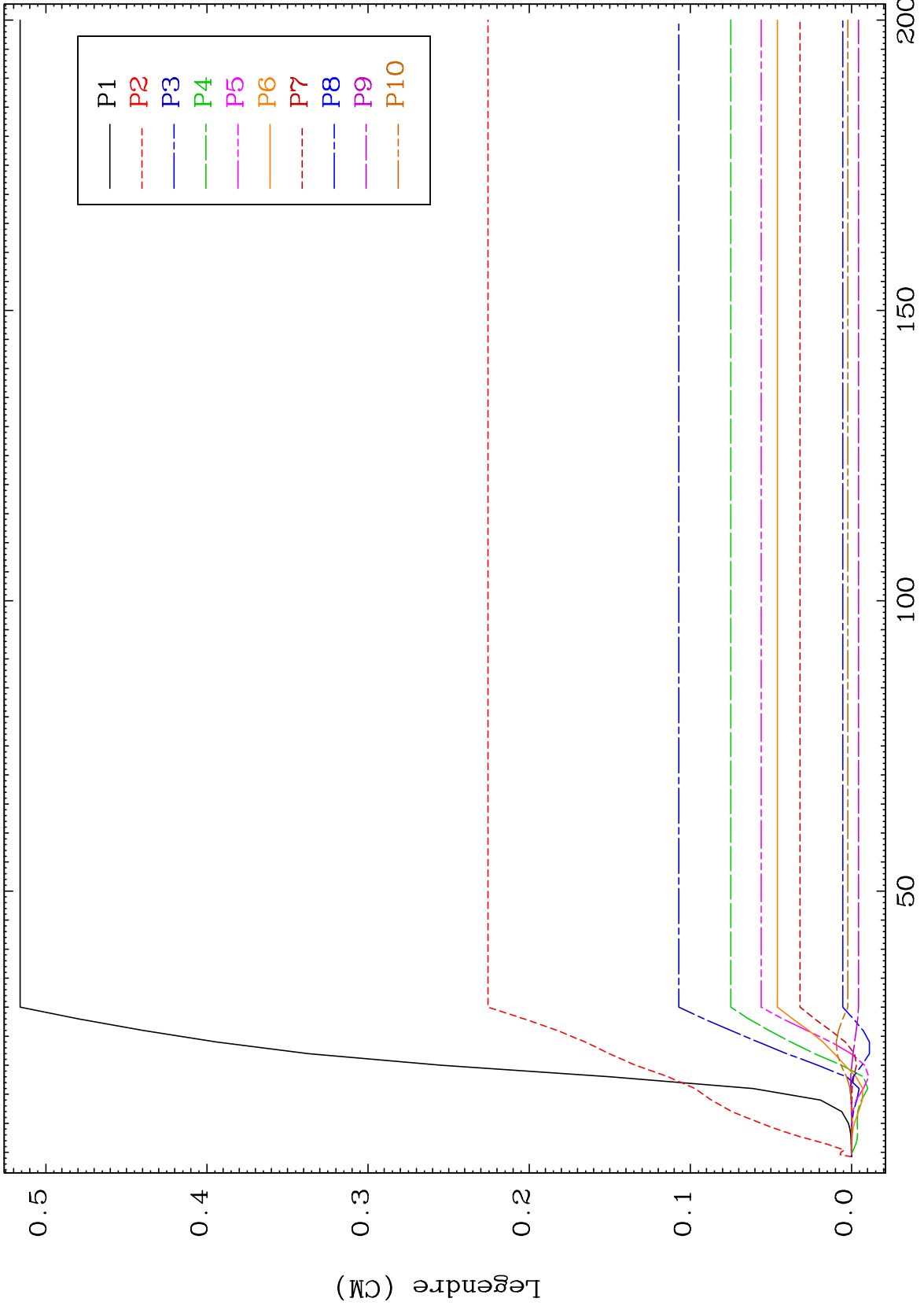


29 50 100 150 200 16-S -34

MAT 1631 MT= 55 (n,n') Level Legendre Coefficients

16-S -34

16-S -34

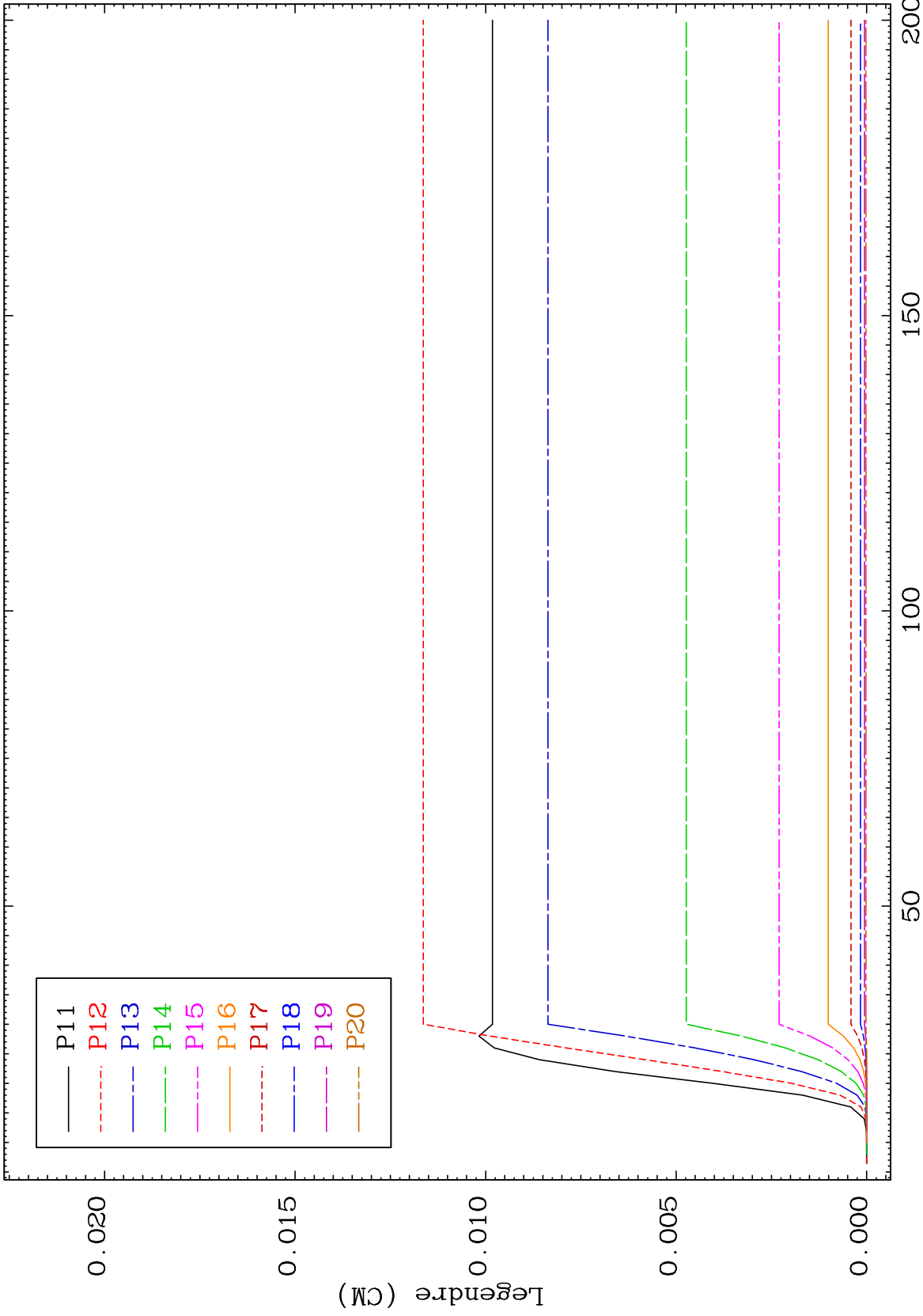


30

MAT 1631

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

16-S -34



31

Incident Energy (MeV)

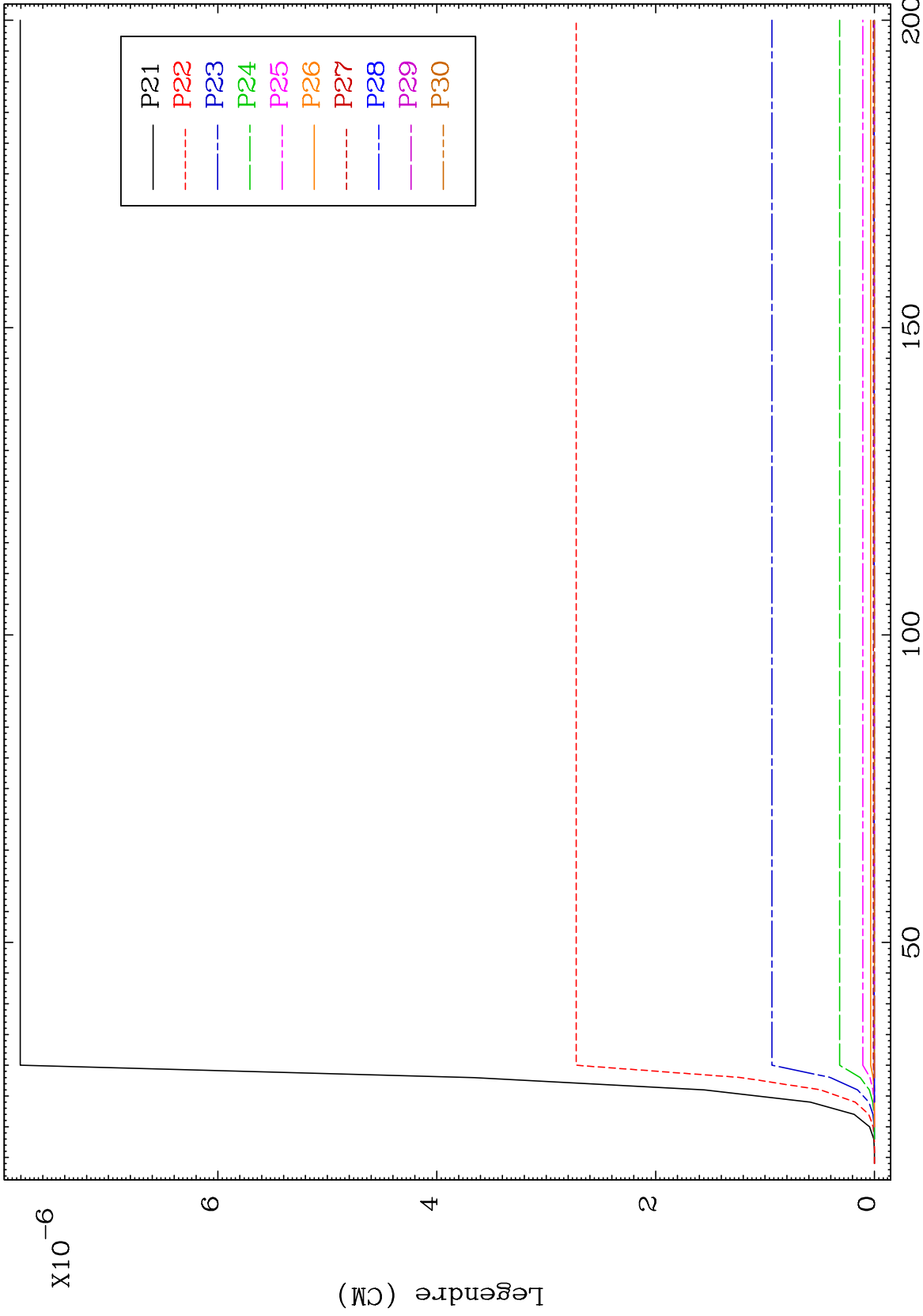
16-S -34



MAT 1631

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

16-S -34



32

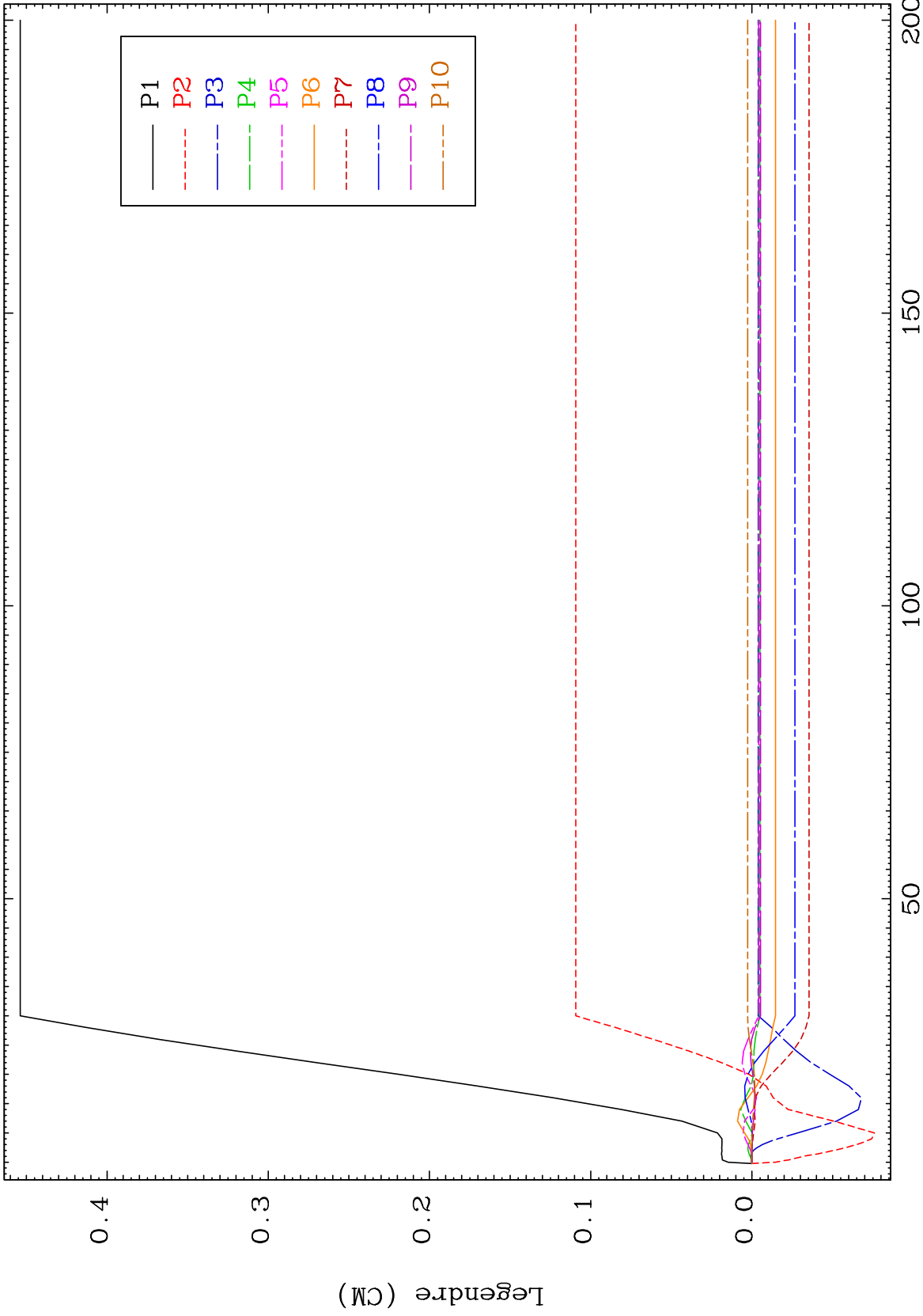
Incident Energy (MeV)

16-S -34

MAT 1631

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

16-S -34



33

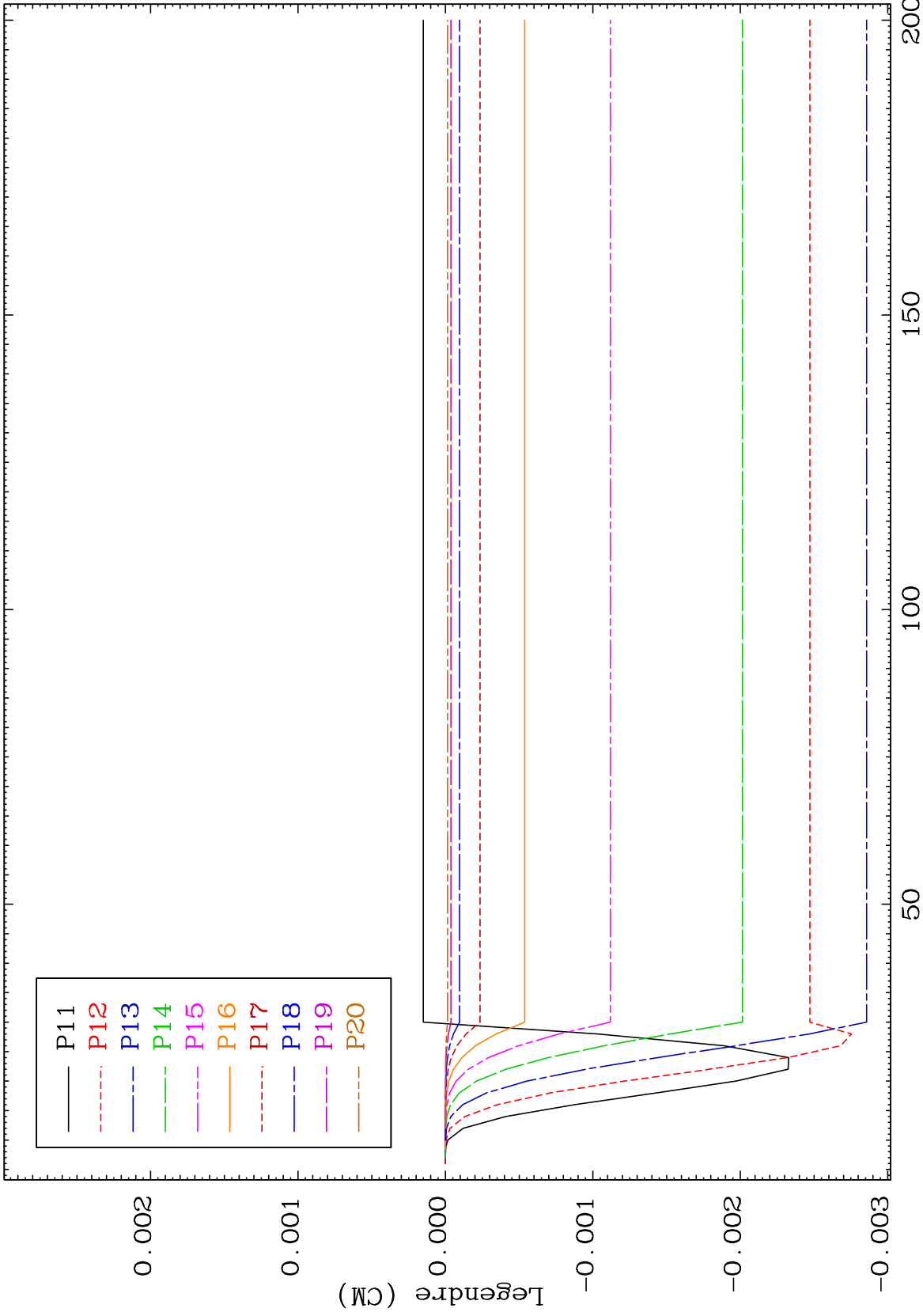
Incident Energy (MeV)

16-S -34

MAT 1631

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

16-S -34

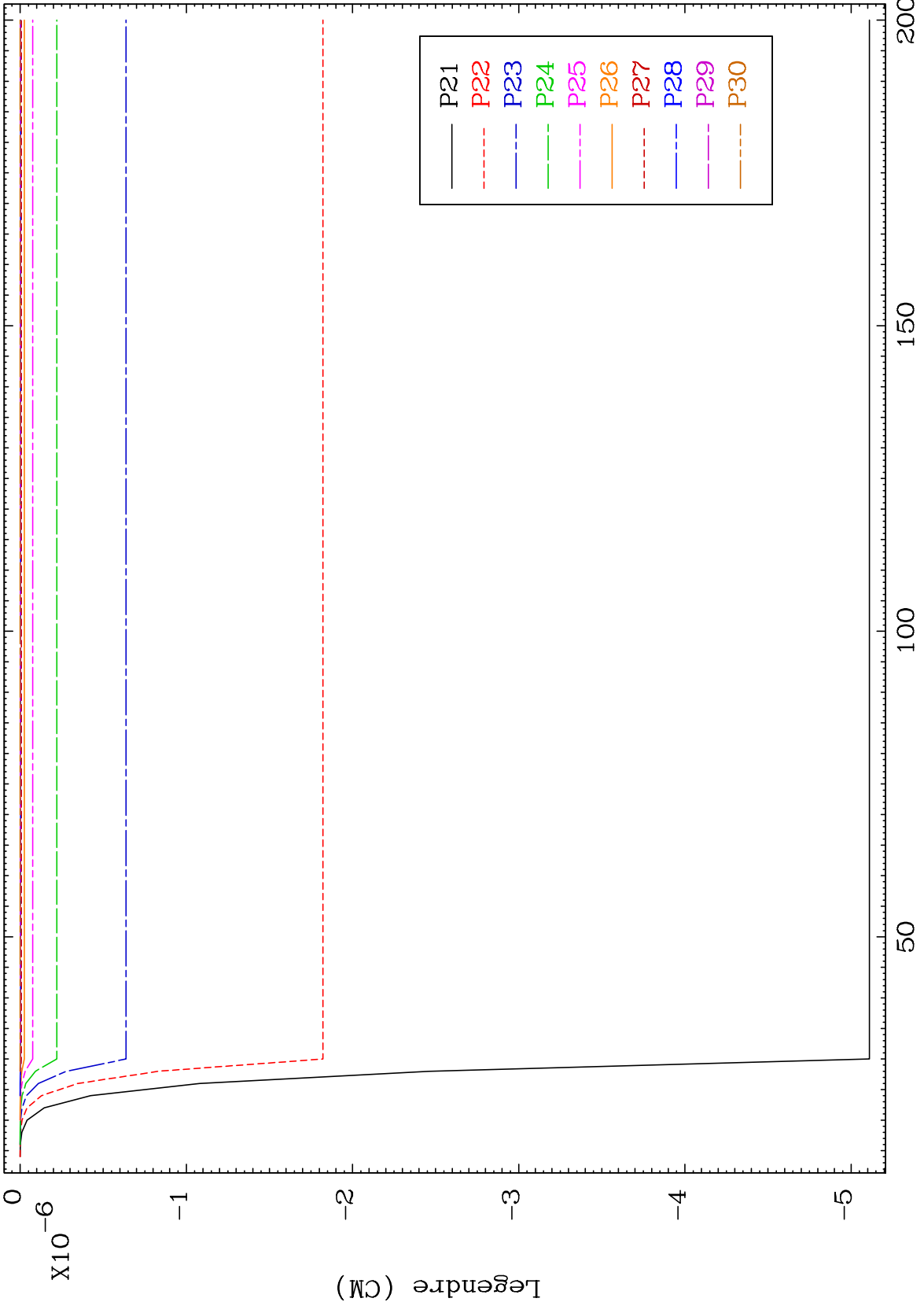


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Incident Energy (MeV)

16-S -34

MAT 1631 MT= 56 (n,n') Level Legendre Coefficients 16-S -34

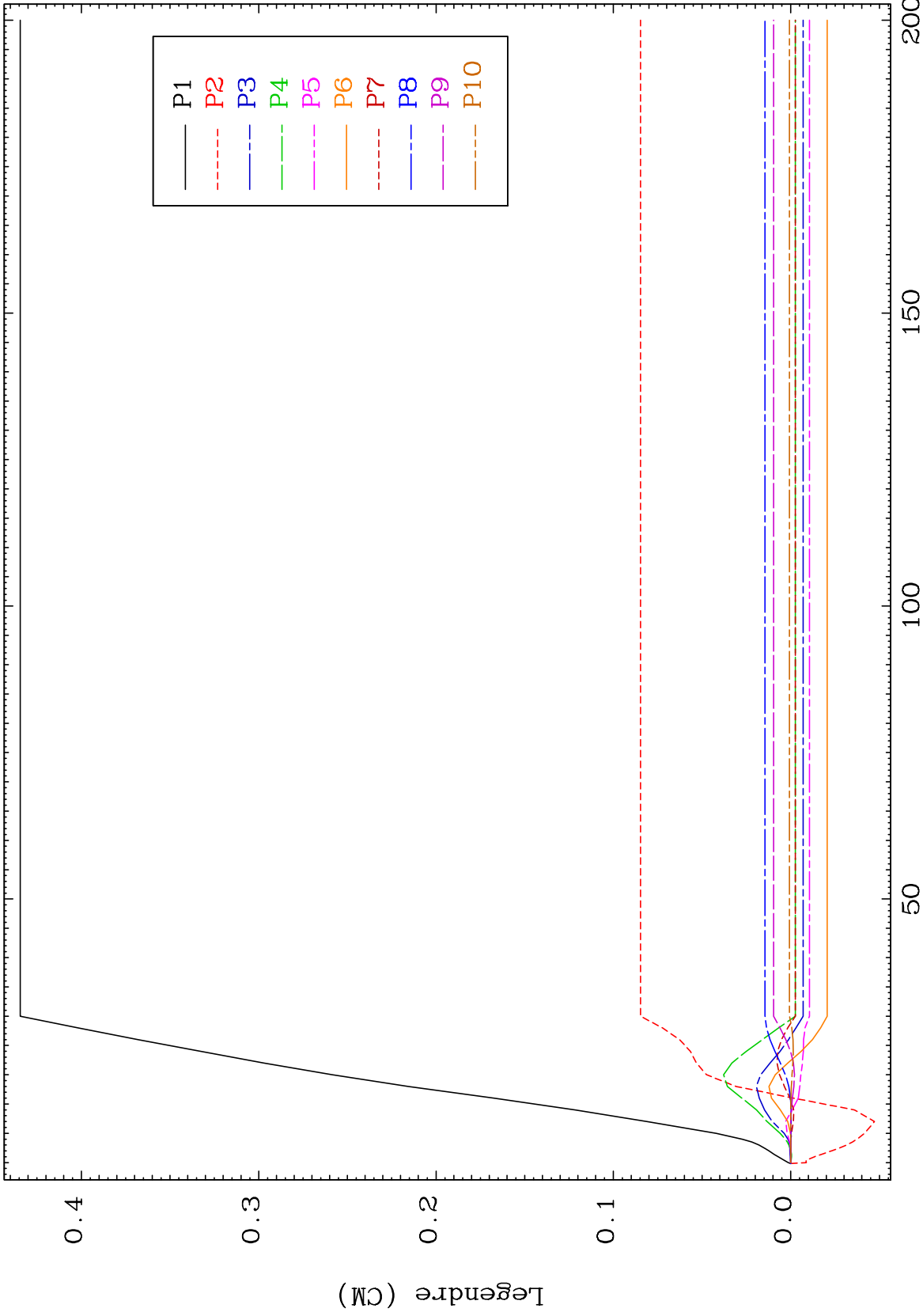


35 Incident Energy (MeV) 16-S -34

MAT 1631

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

16-S -34

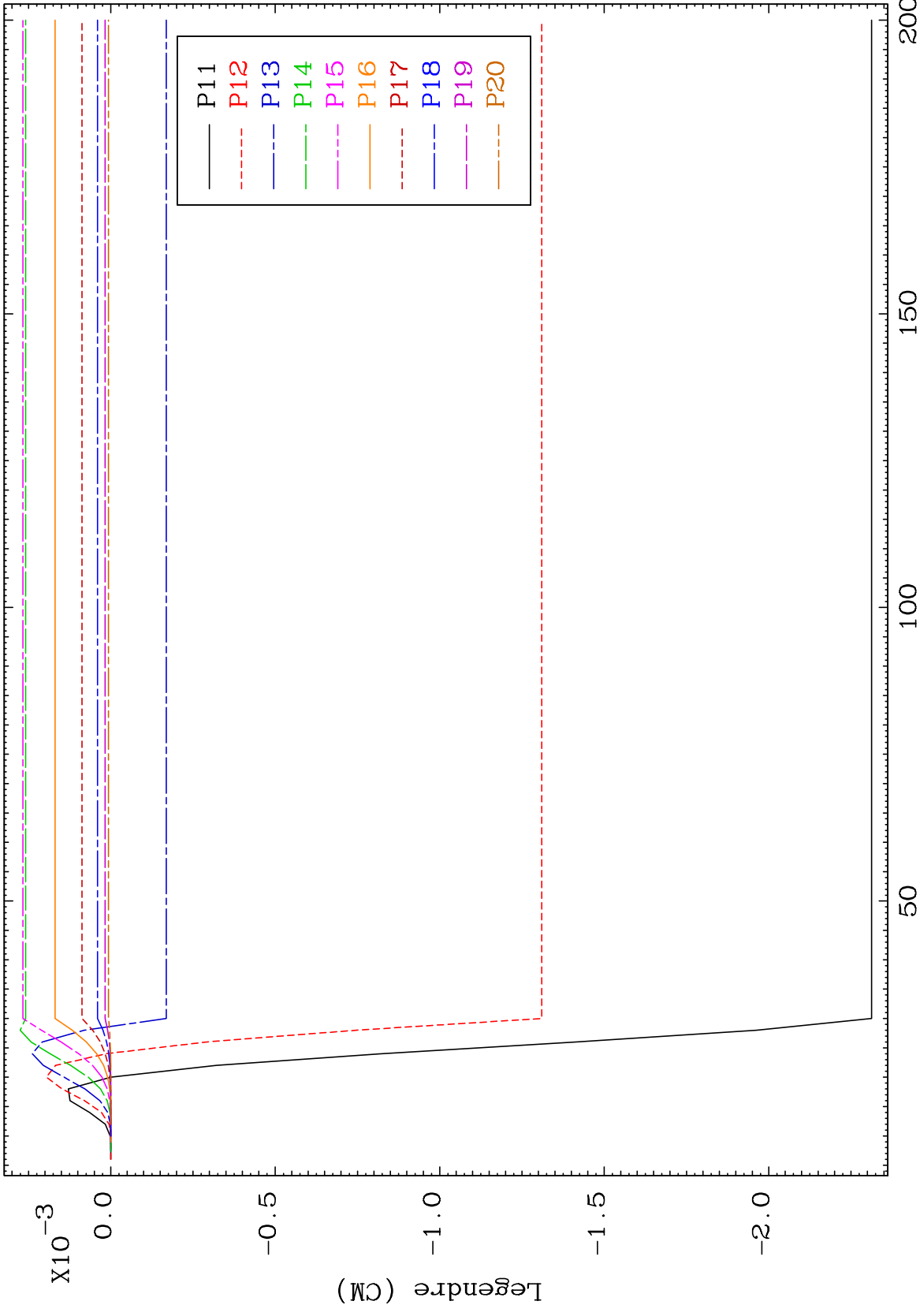


36

Incident Energy (MeV)

16-S -34

MAT 1631 MT= 57 (n,n') Level Legendre Coefficients 16-S -34

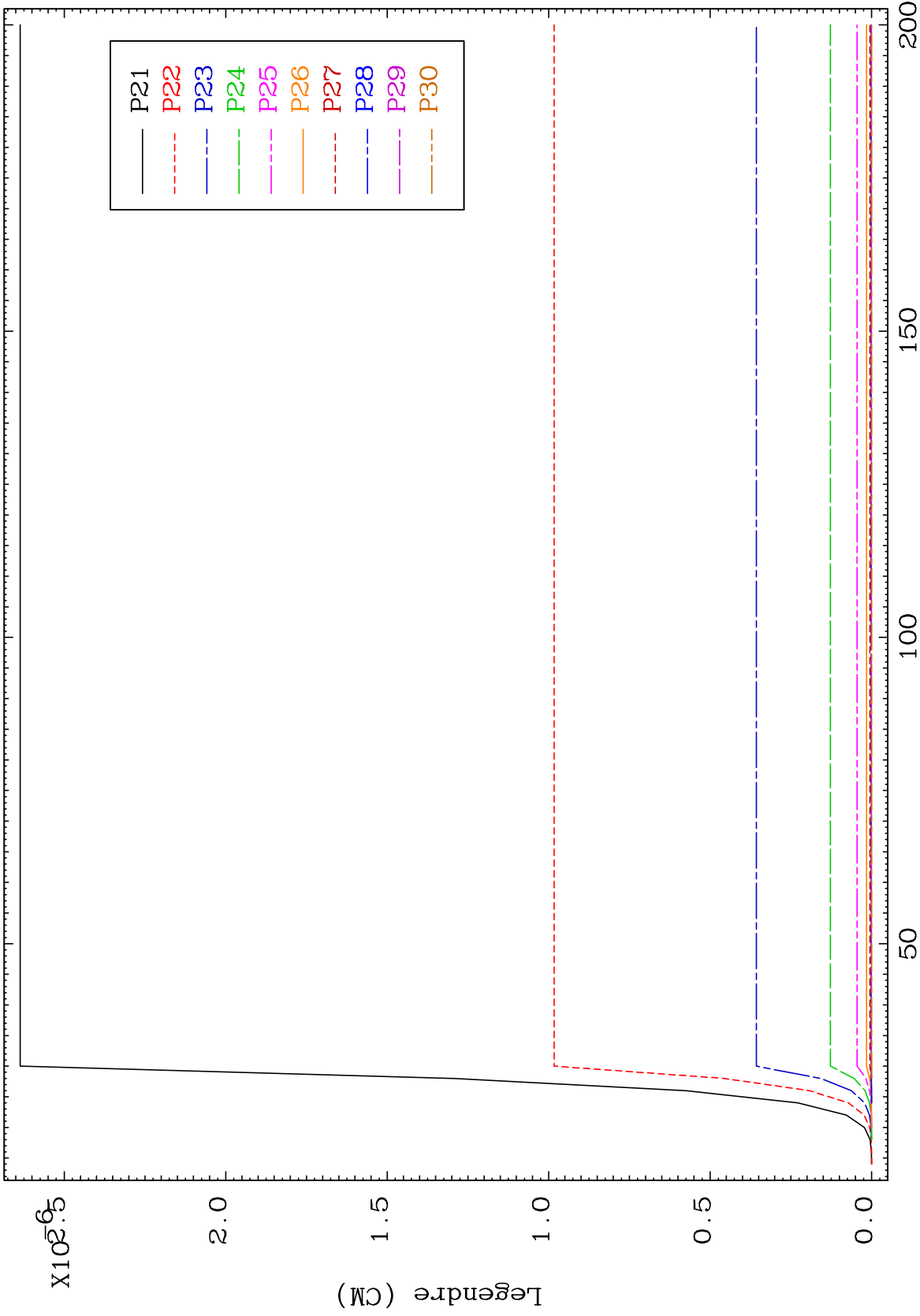


37 16-S -34

MAT 1631

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

16-S -34



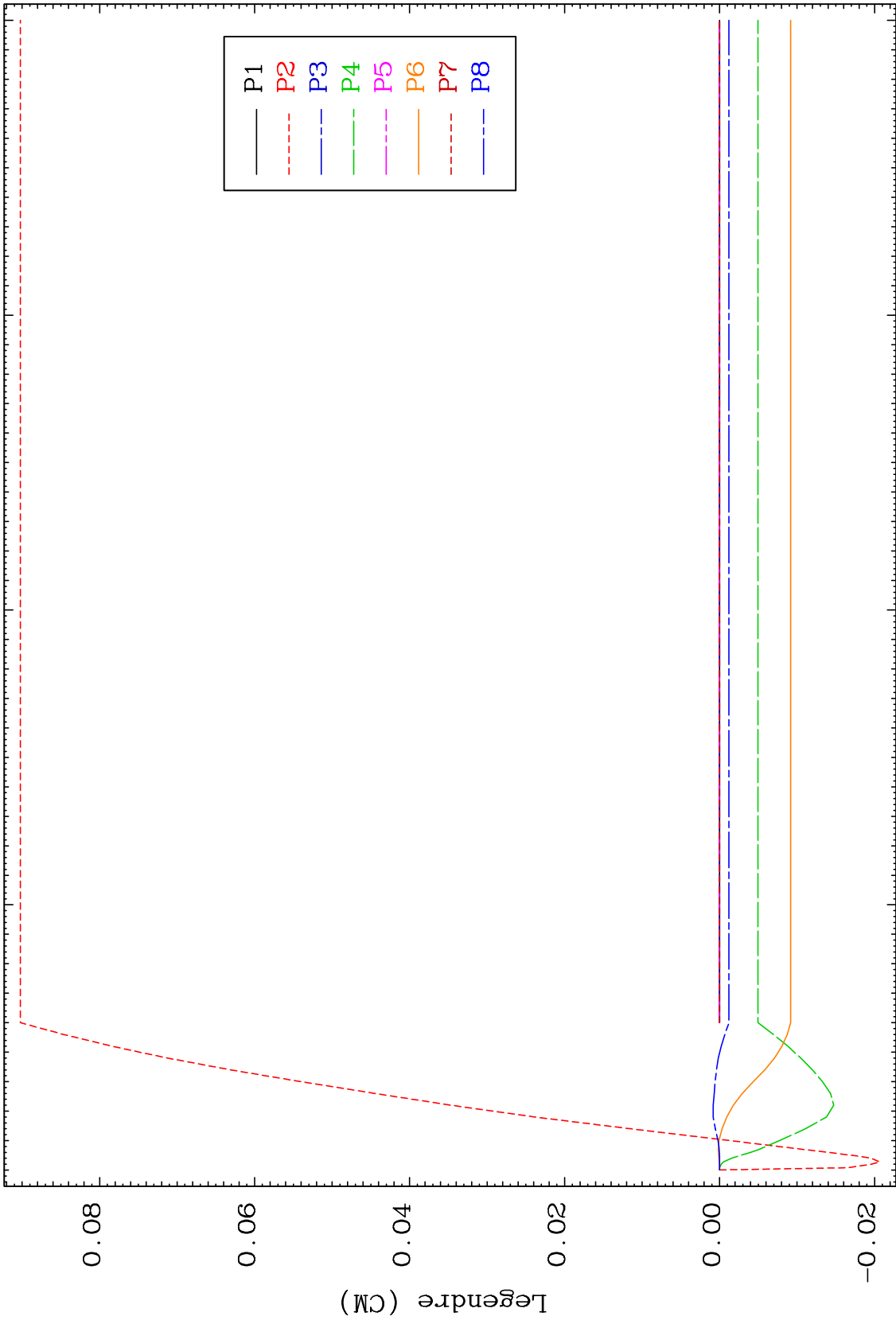
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Incident Energy (MeV)

16-S -34

MAT 1631 MT= 58 (n,n') Level Legendre Coefficients

16-S -34



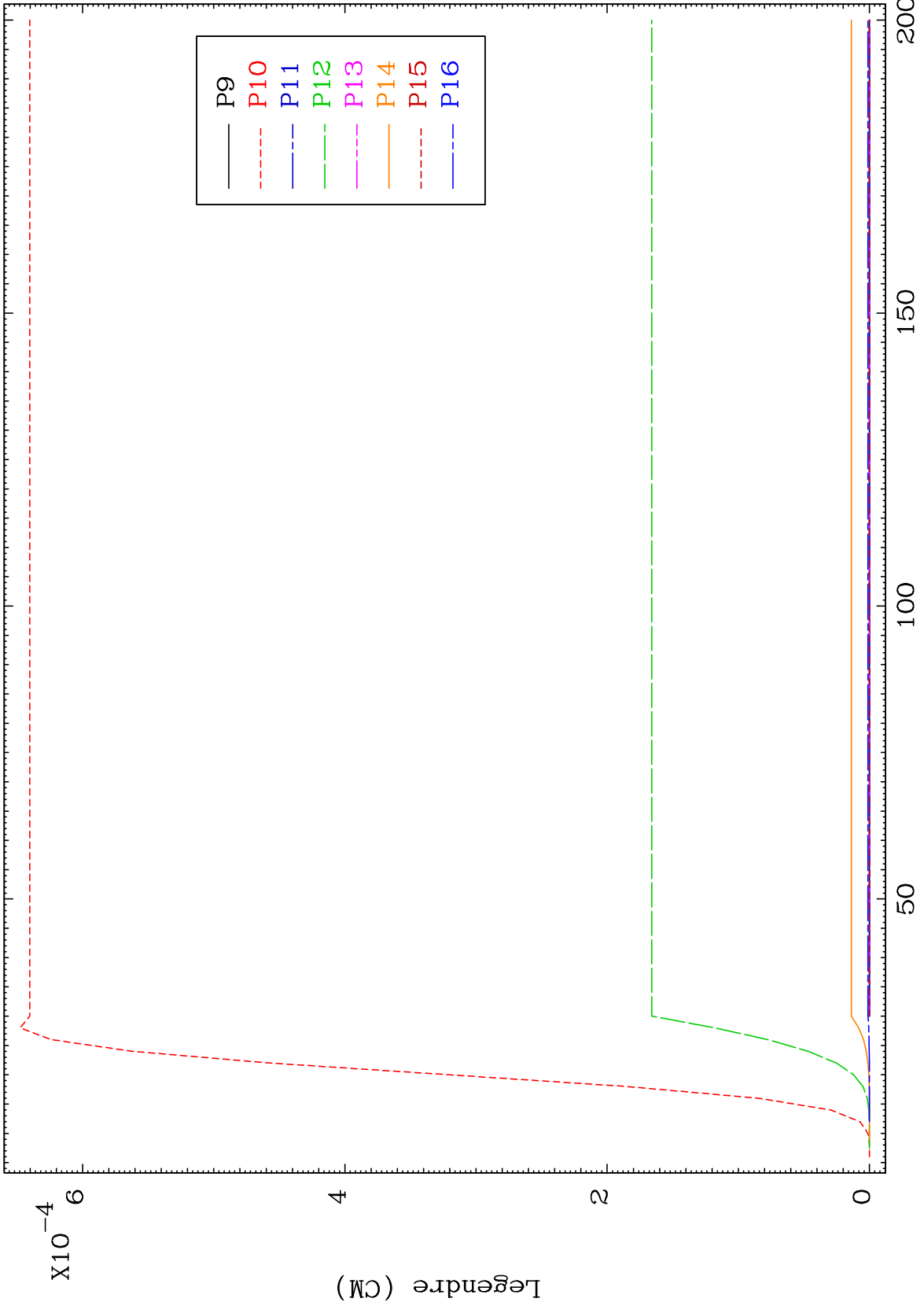
16-S -34

Incident Energy (MeV)

39



MAT 1631 MT= 58 (n,n') Level Legendre Coefficients 16-S -34

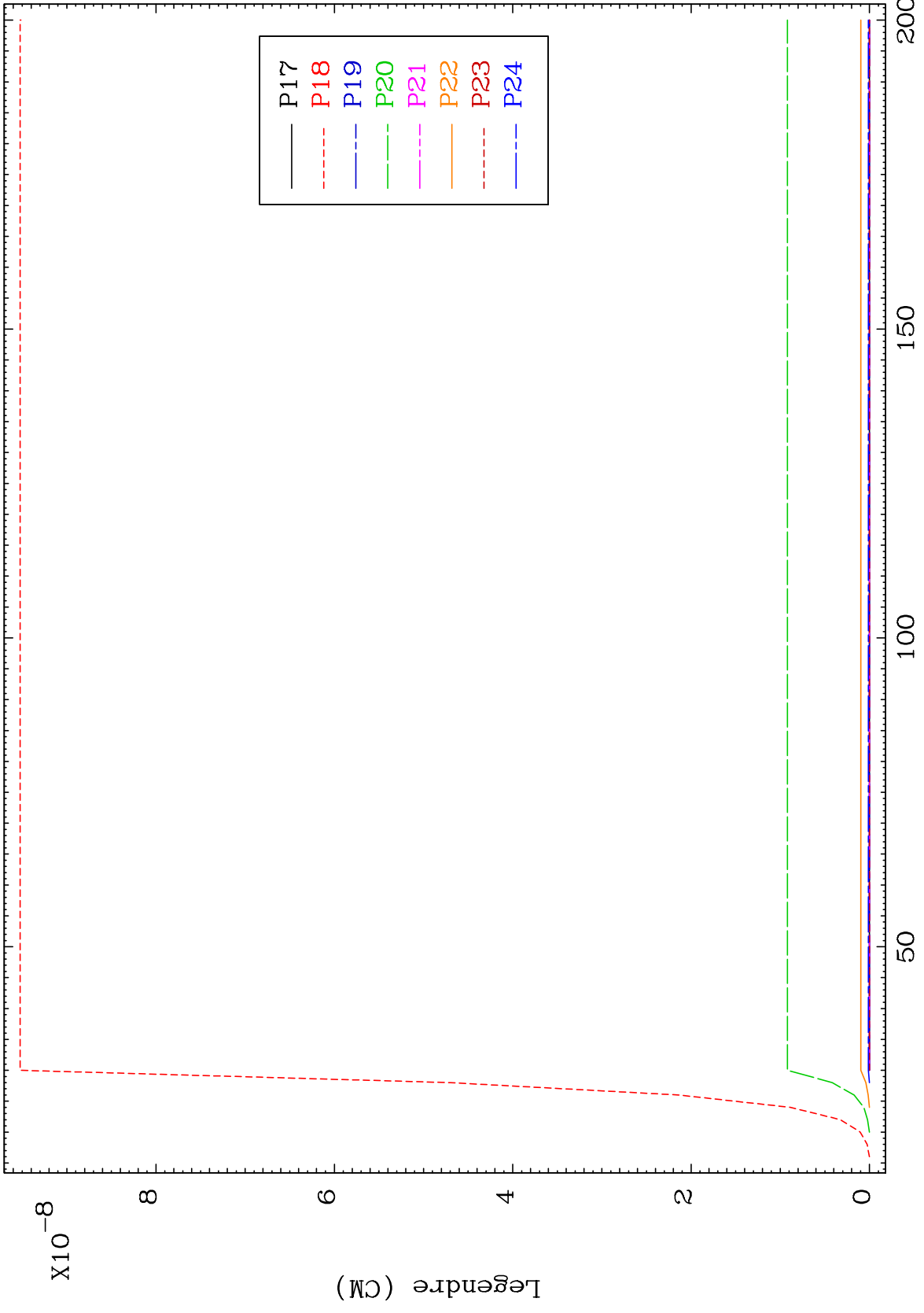


Legendre (CM) Incident Energy (MeV) 16-S -34

MAT 1631 MT= 58 (n,n') Level Legendre Coefficients

16-S -34

16-S -34

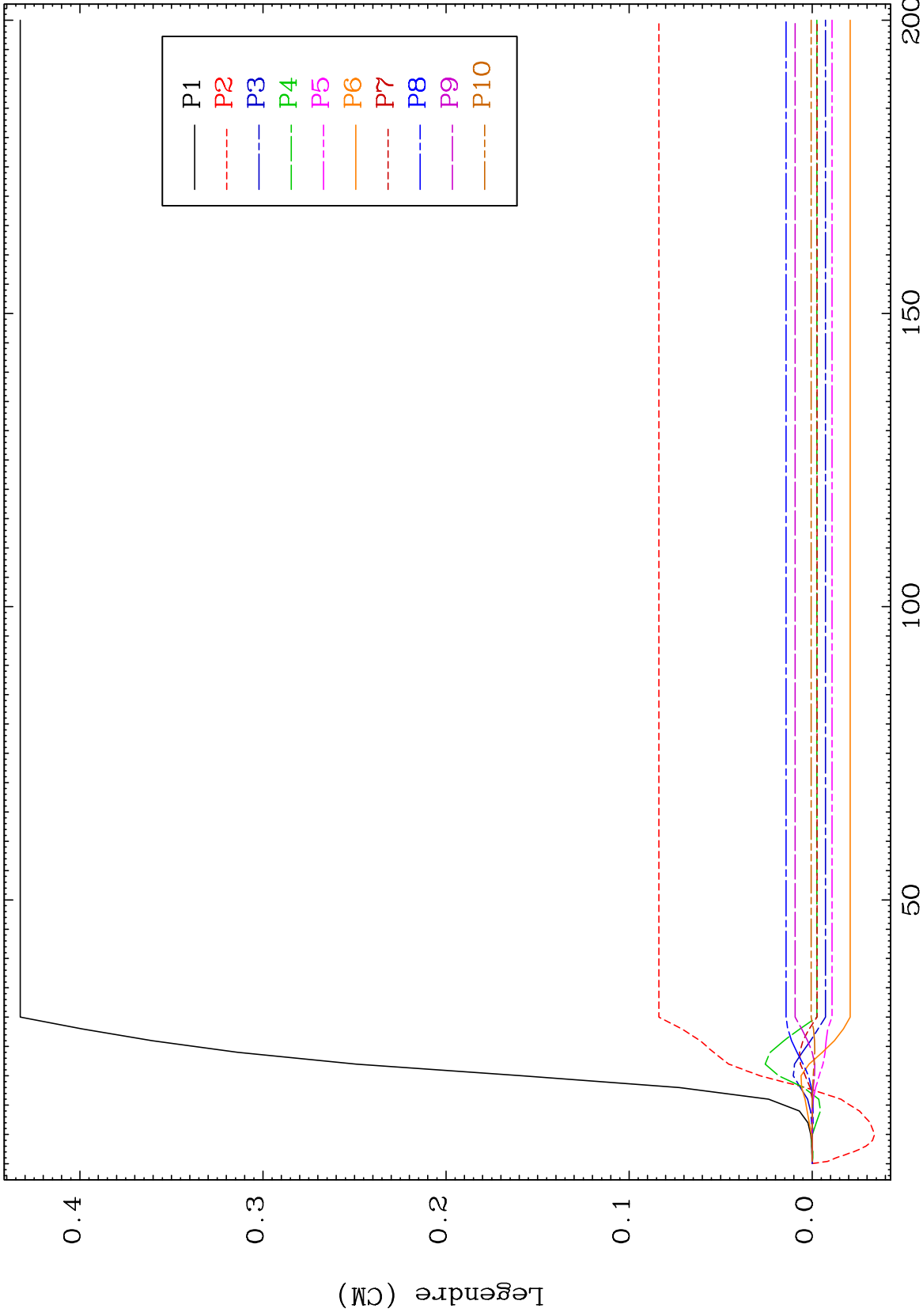


41

MAT 1631

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

16-S -34

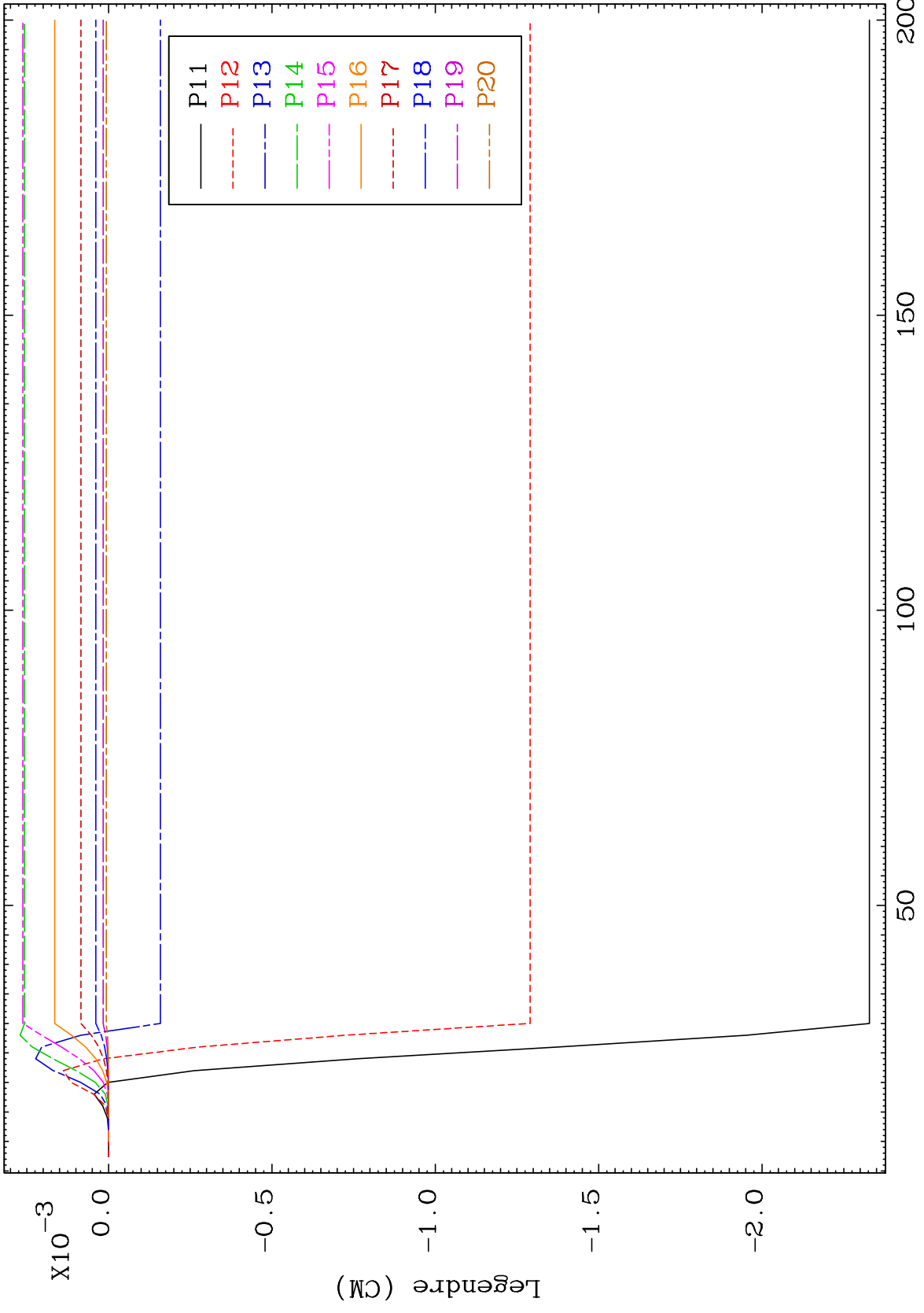


42

Incident Energy (MeV)

16-S -34

MAT 1631 MT= 59 (n,n') Level Legendre Coefficients 16-S -34

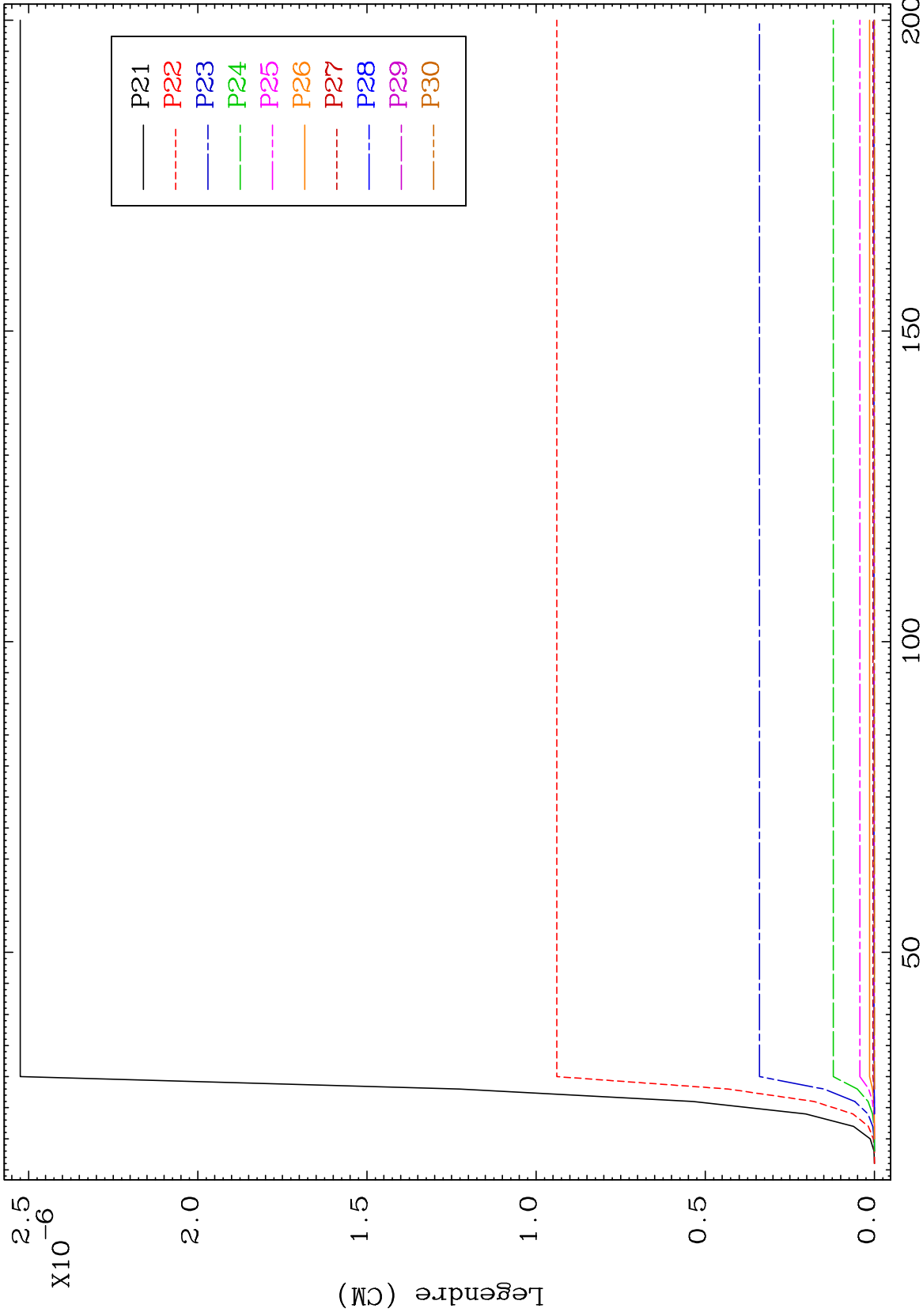


43 Incident Energy (MeV) 16-S -34

MAT 1631

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

16-S -34

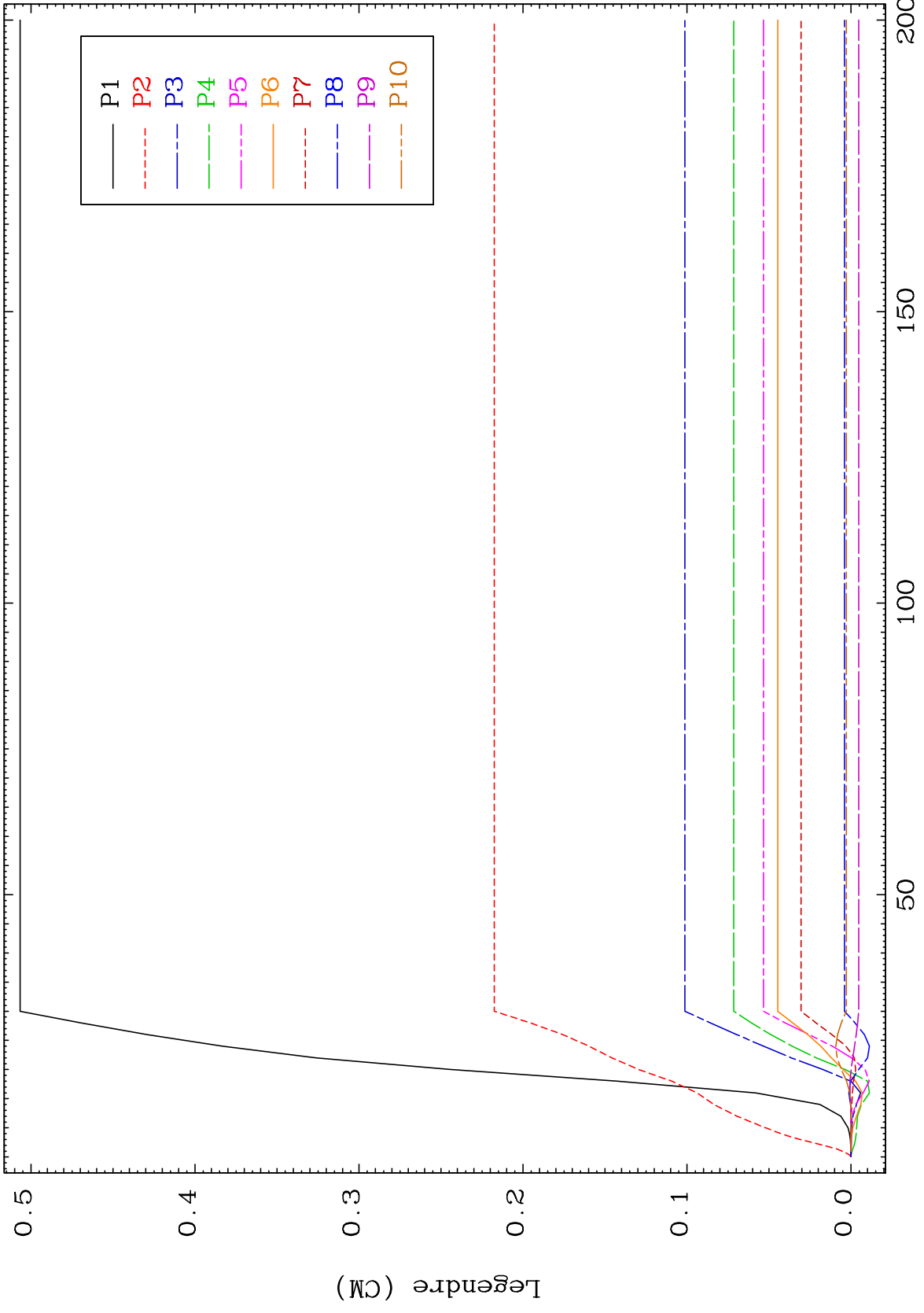


44

Incident Energy (MeV)

16-S -34

MAT 1631 MT= 60 (n,n') Level Legendre Coefficients 16-S -34

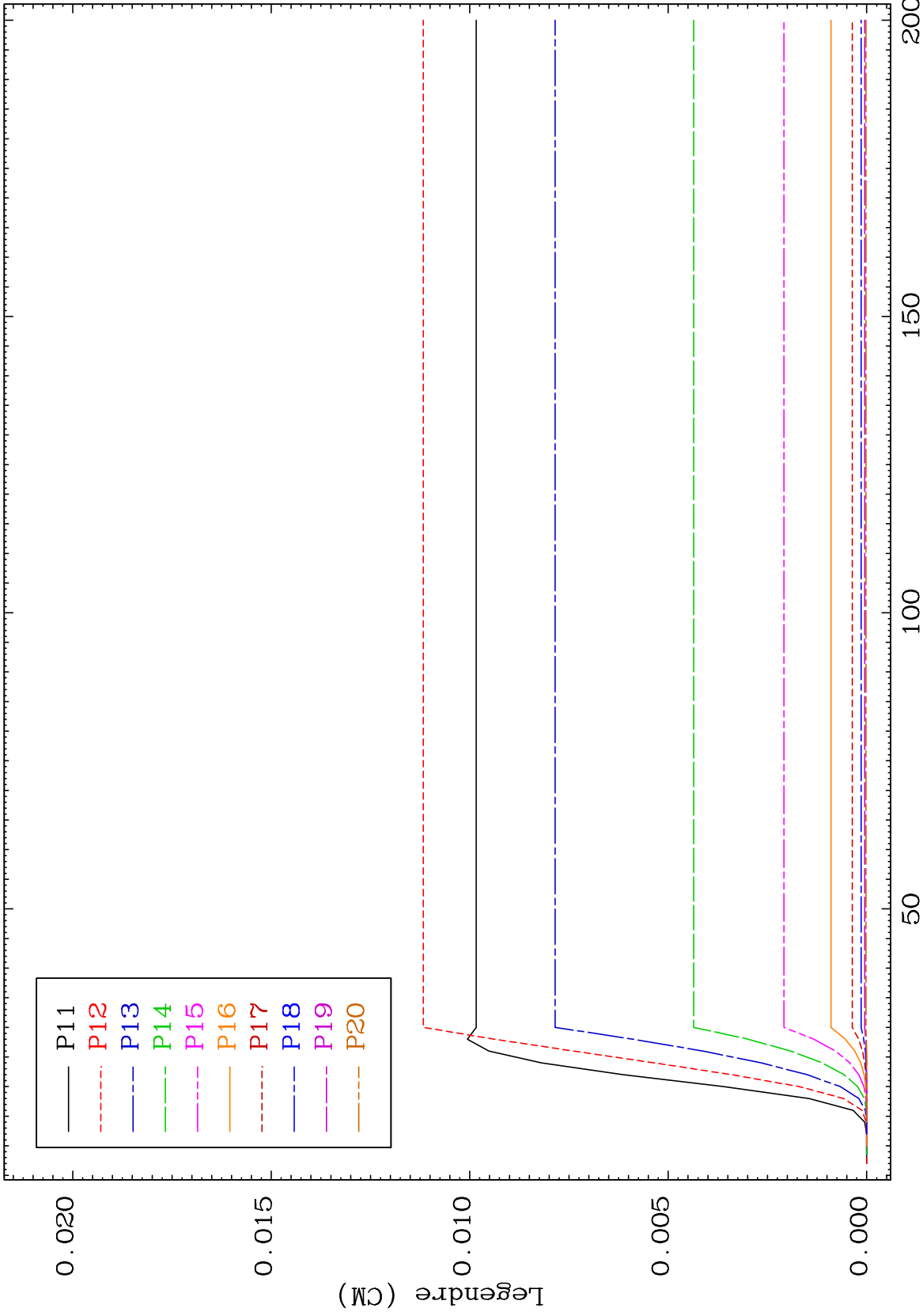


45 Incident Energy (MeV) 16-S -34

MAT 1631

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

16-S -34



46

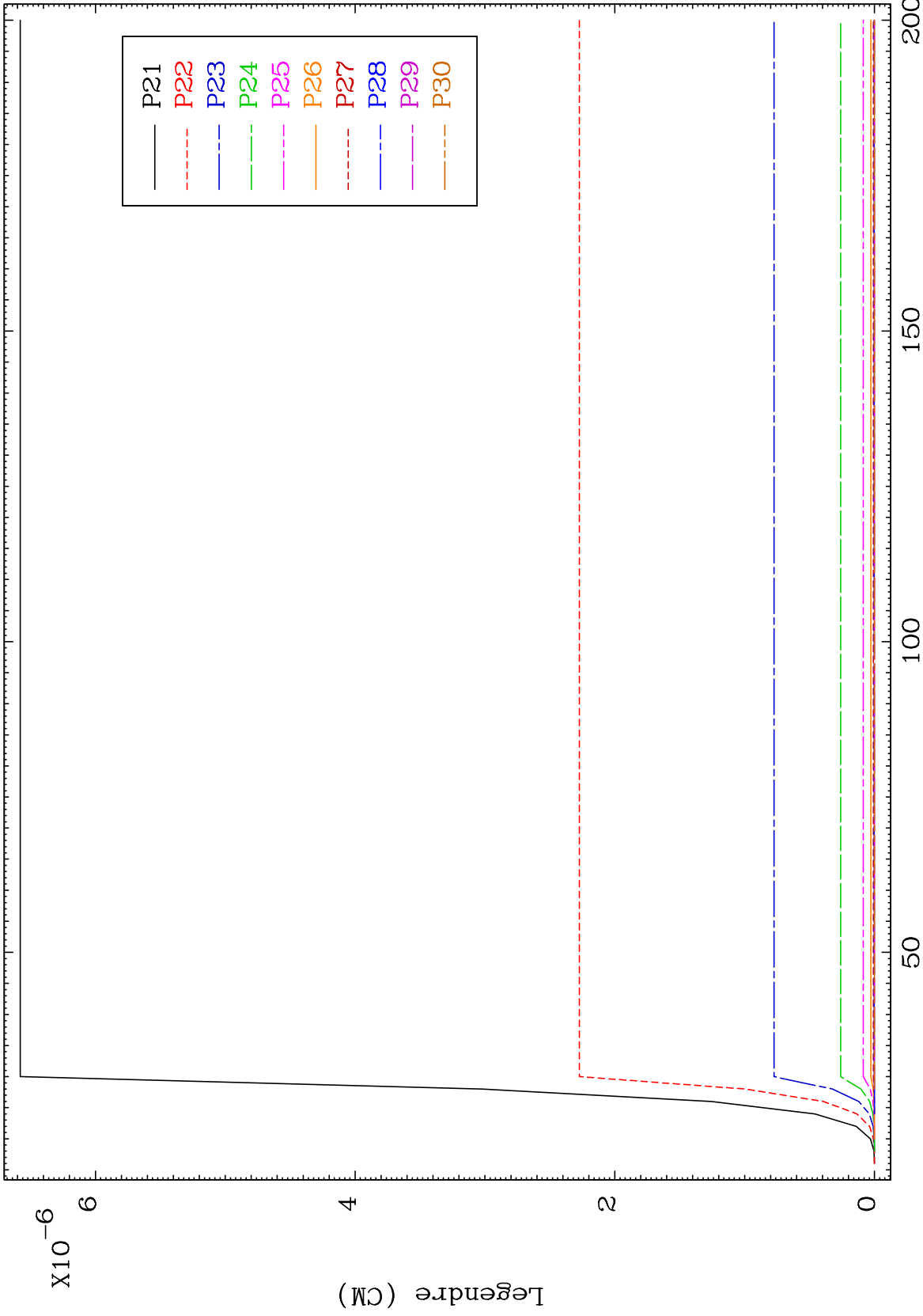
Incident Energy (MeV)

16-S -34

MAT 1631

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

16-S -34



47

Incident Energy (MeV)

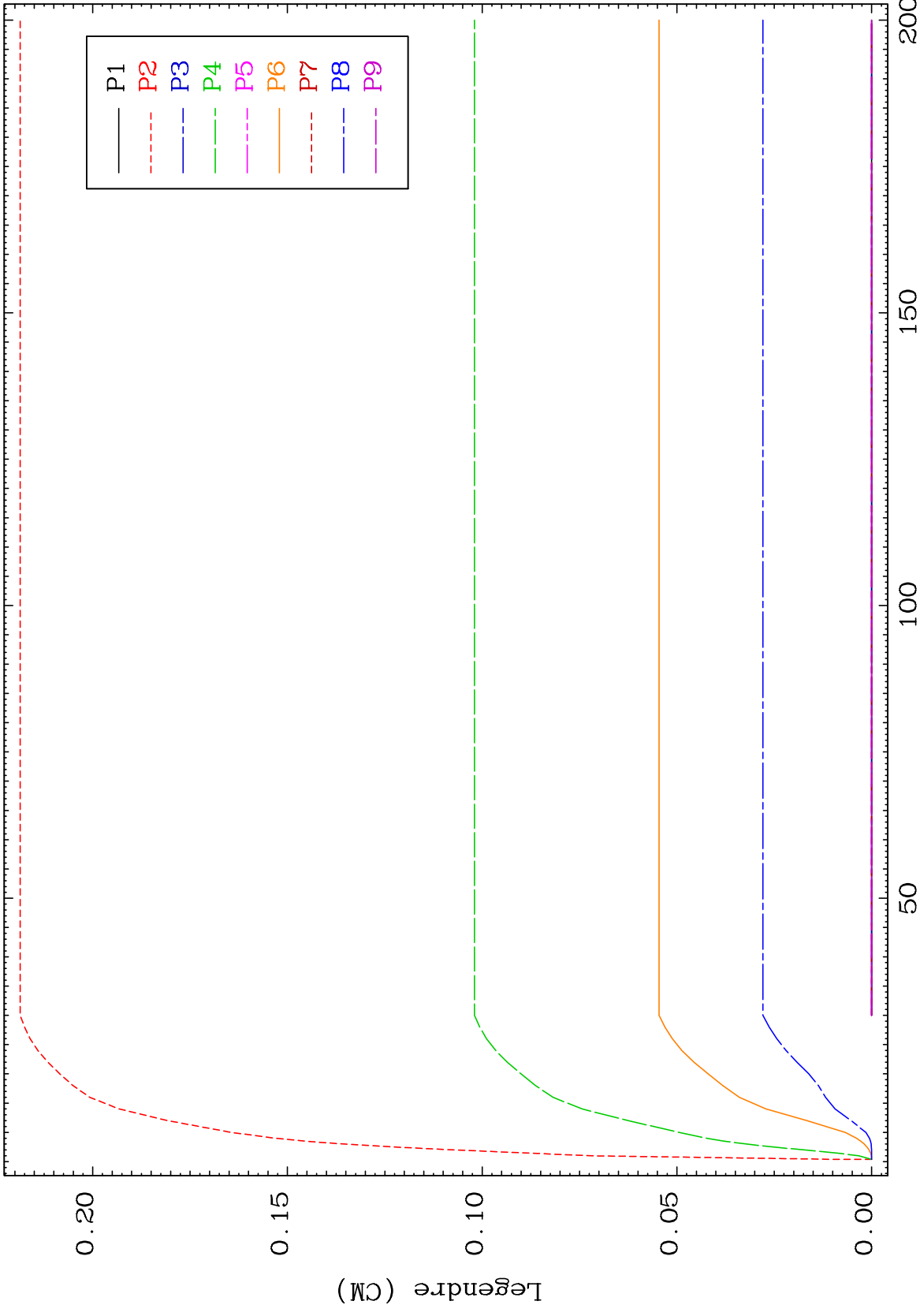
16-S -34



MAT 1631 MT= 61 (n,n') Level Legendre Coefficients

16-S -34

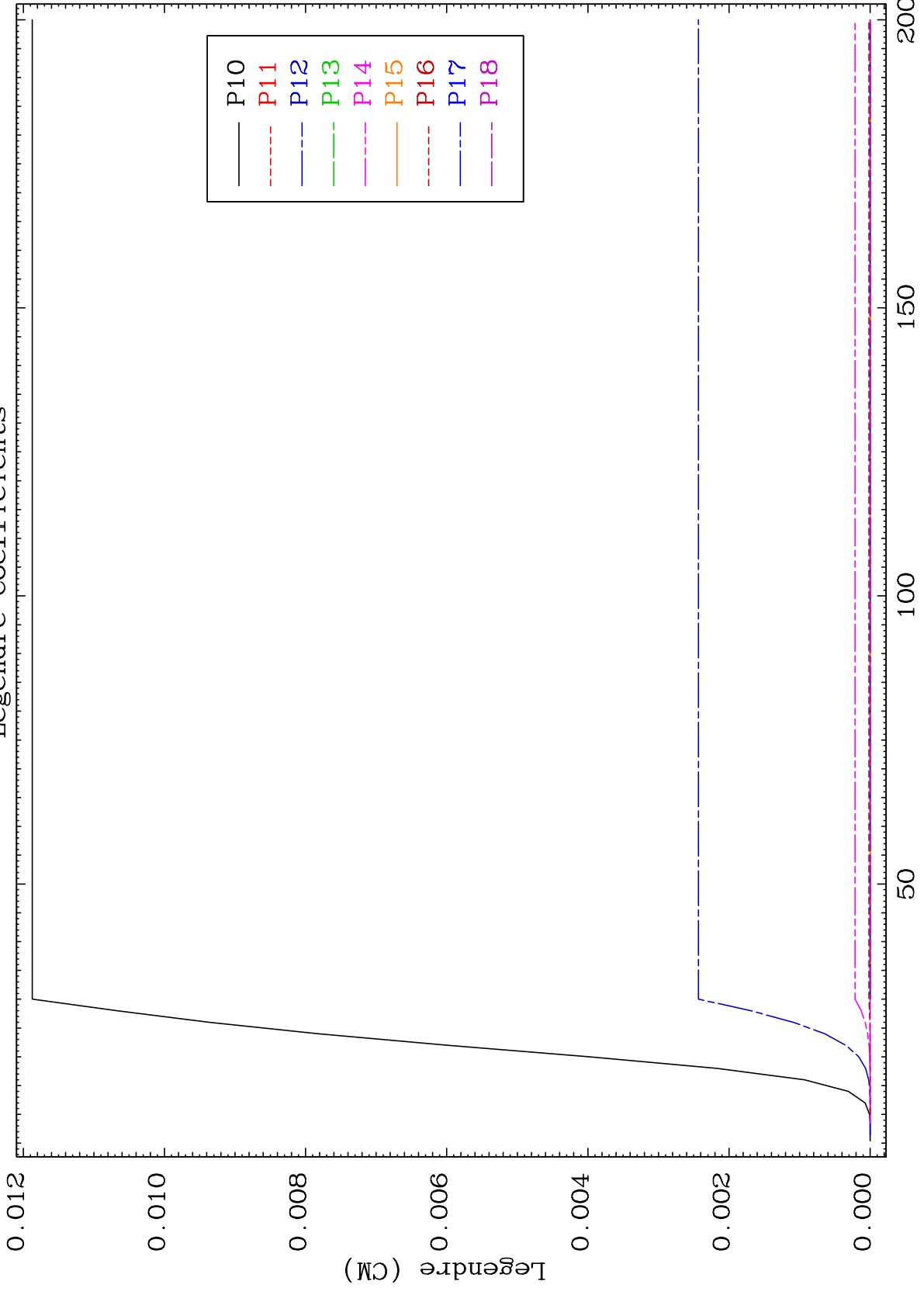
16-S -34



48

MAT 1631 MT= 61 (n,n') Level Legendre Coefficients

16-S -34

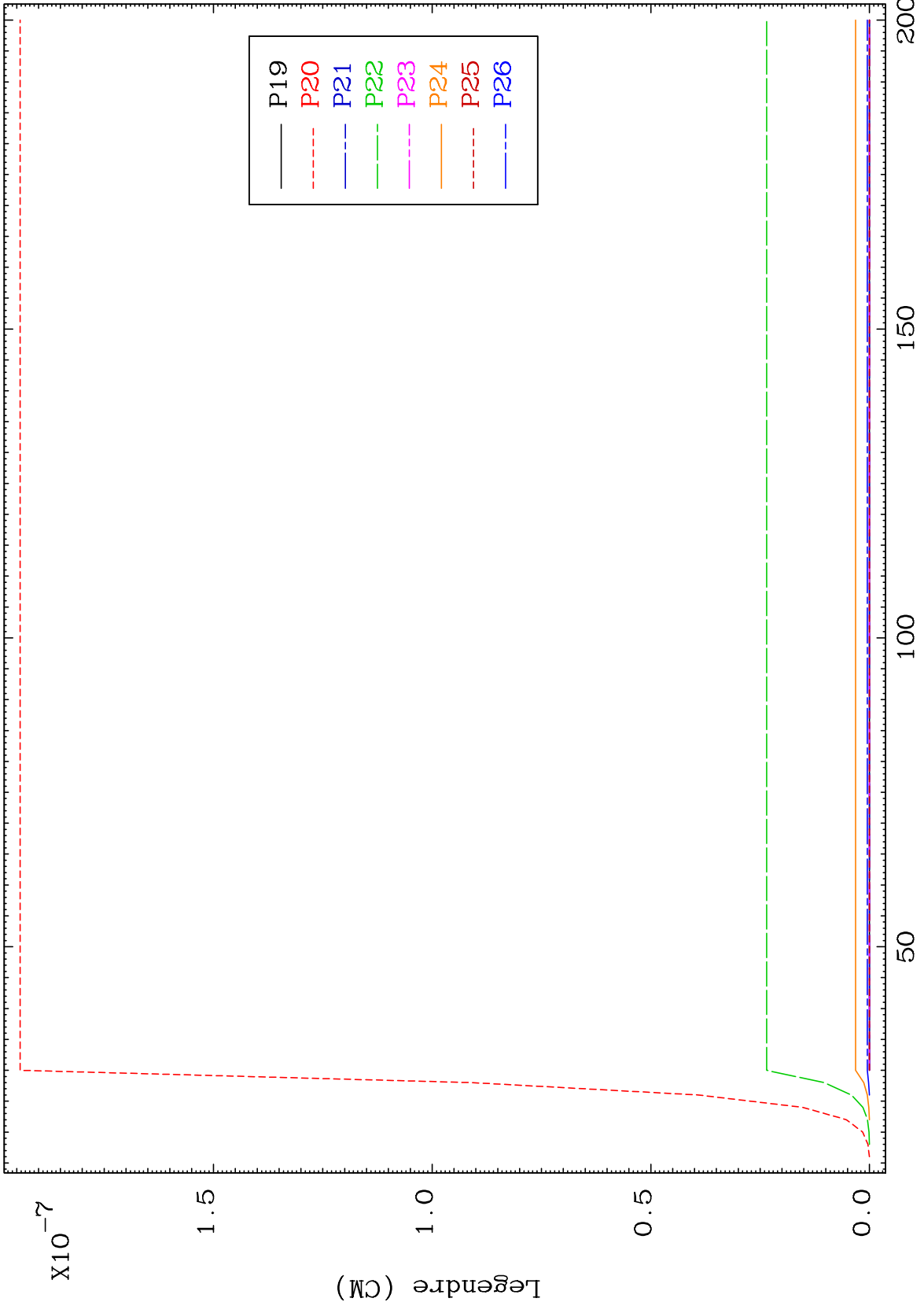


16-S -34

Incident Energy (MeV)

49

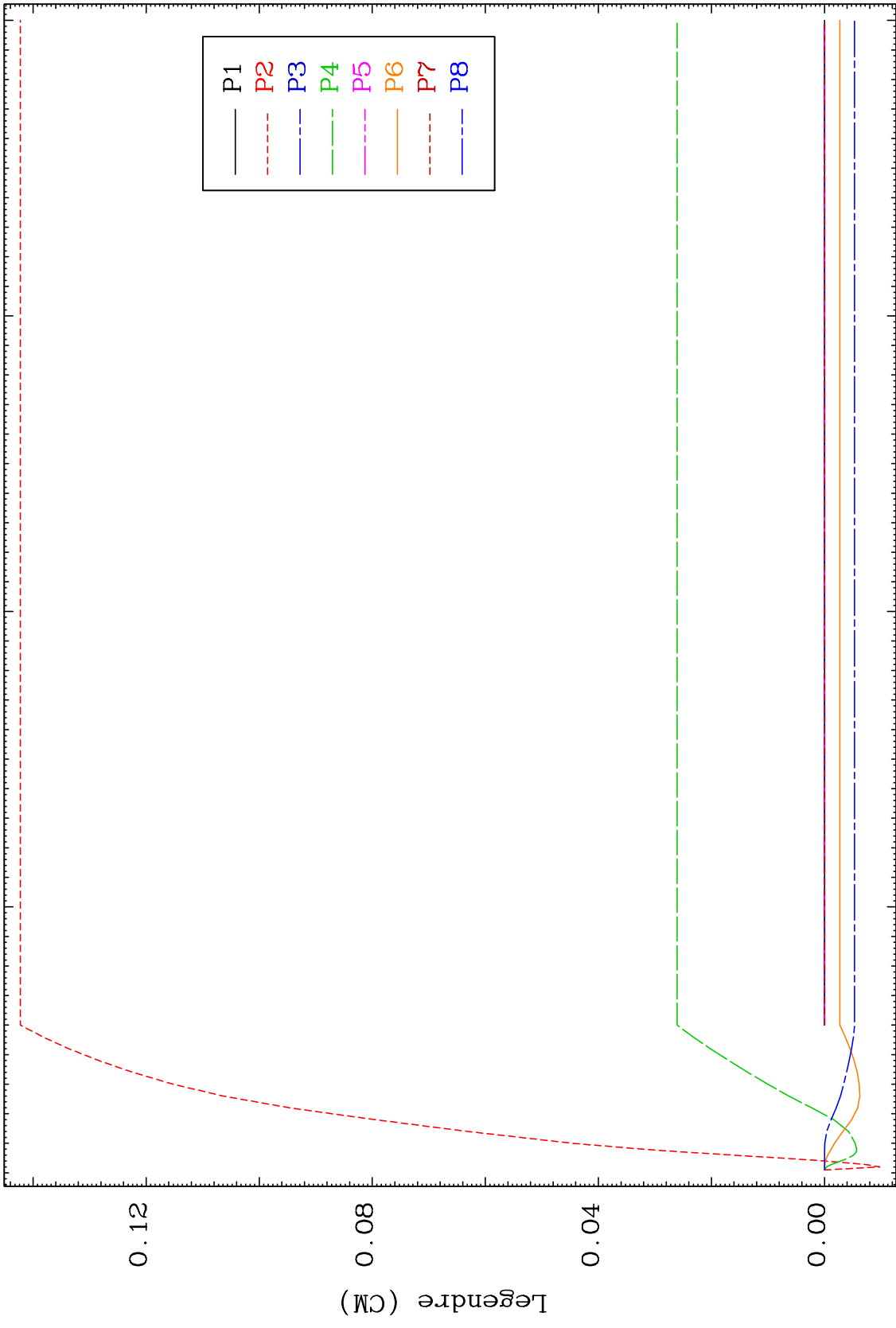
MAT 1631 MT= 61 (n,n') Level Legendre Coefficients 16-S -34



16-S -34

MAT 1631 MT= 62 (n,n') Level Legendre Coefficients

16-S -34

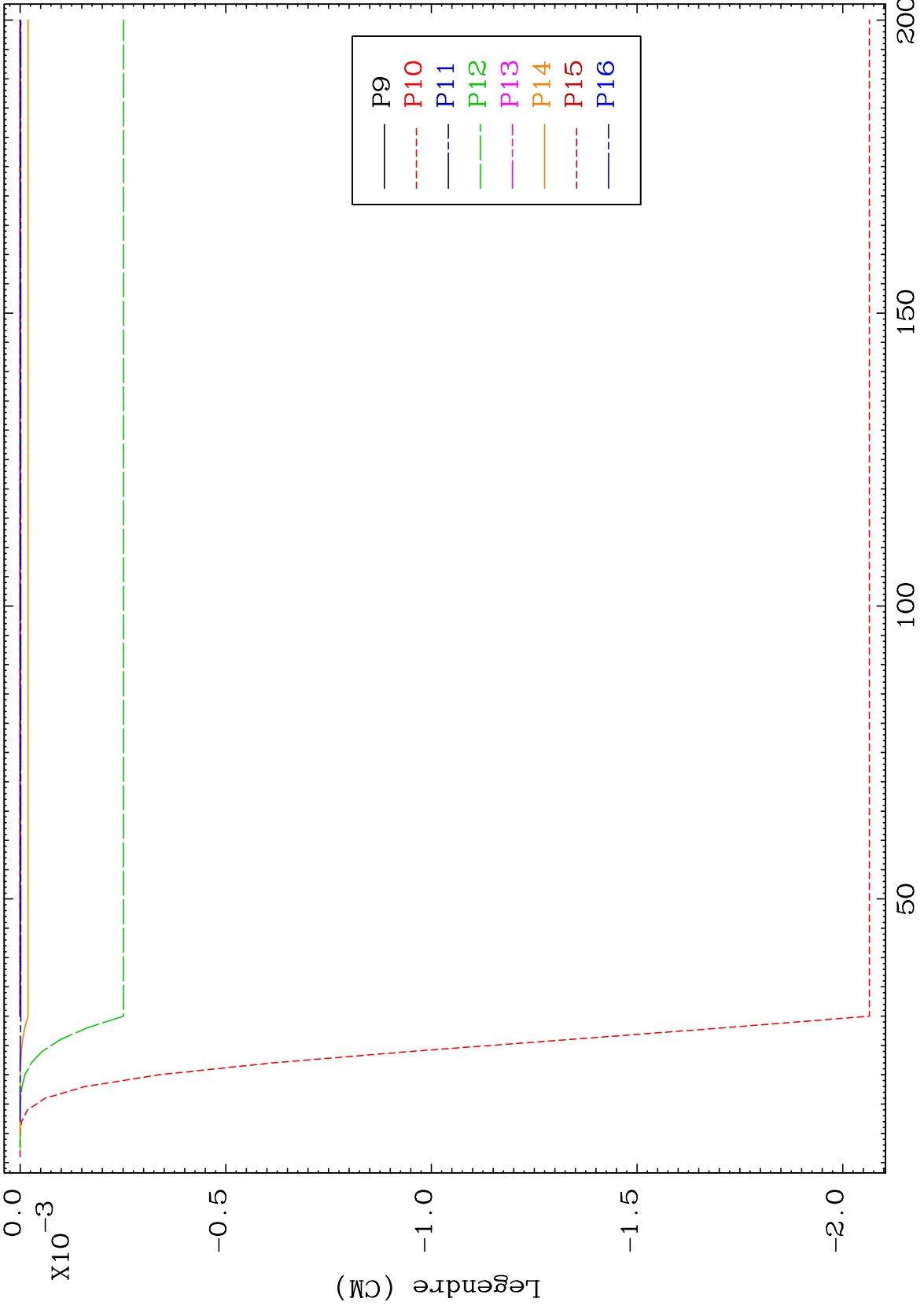


16-S -34

Incident Energy (MeV)

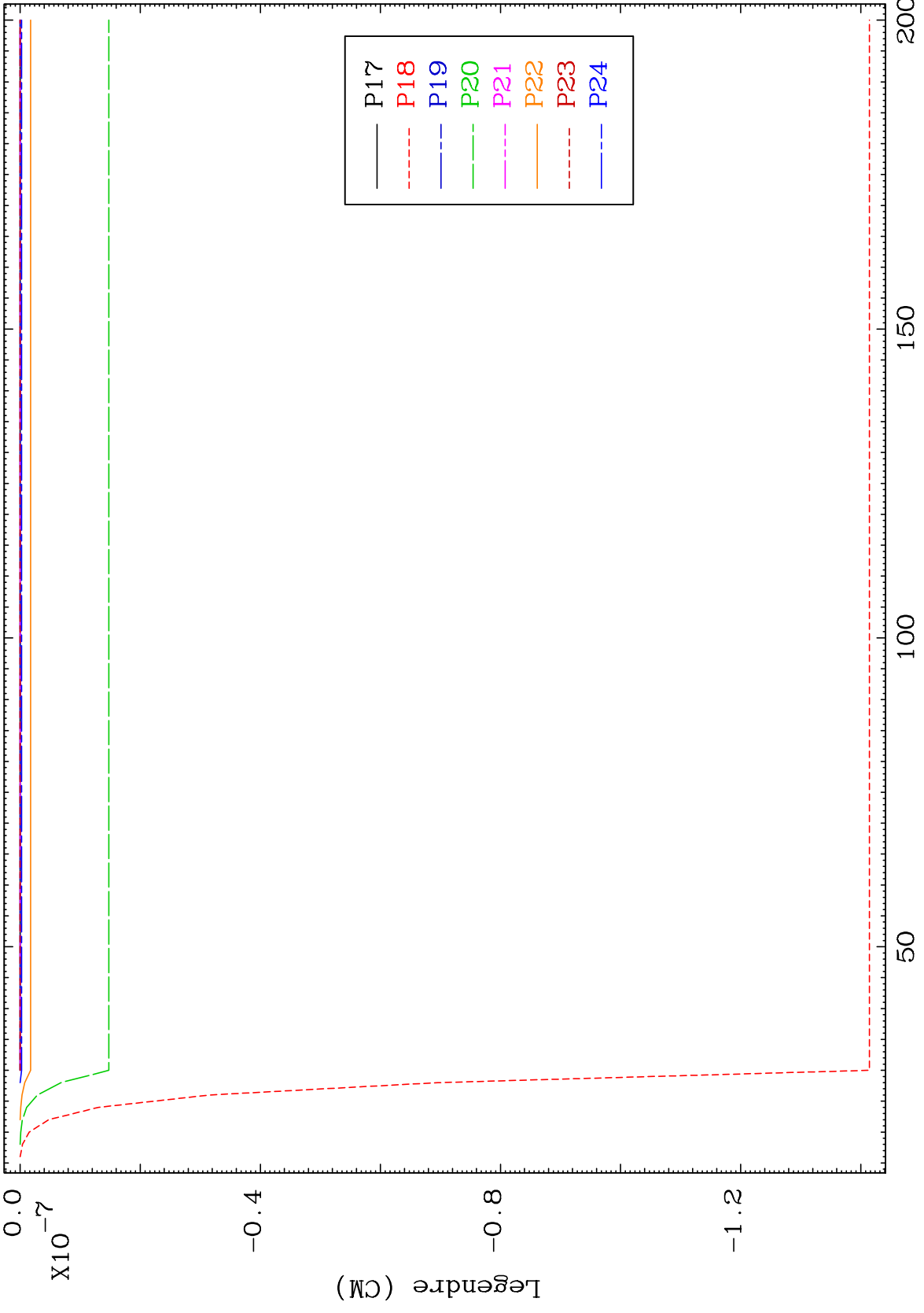
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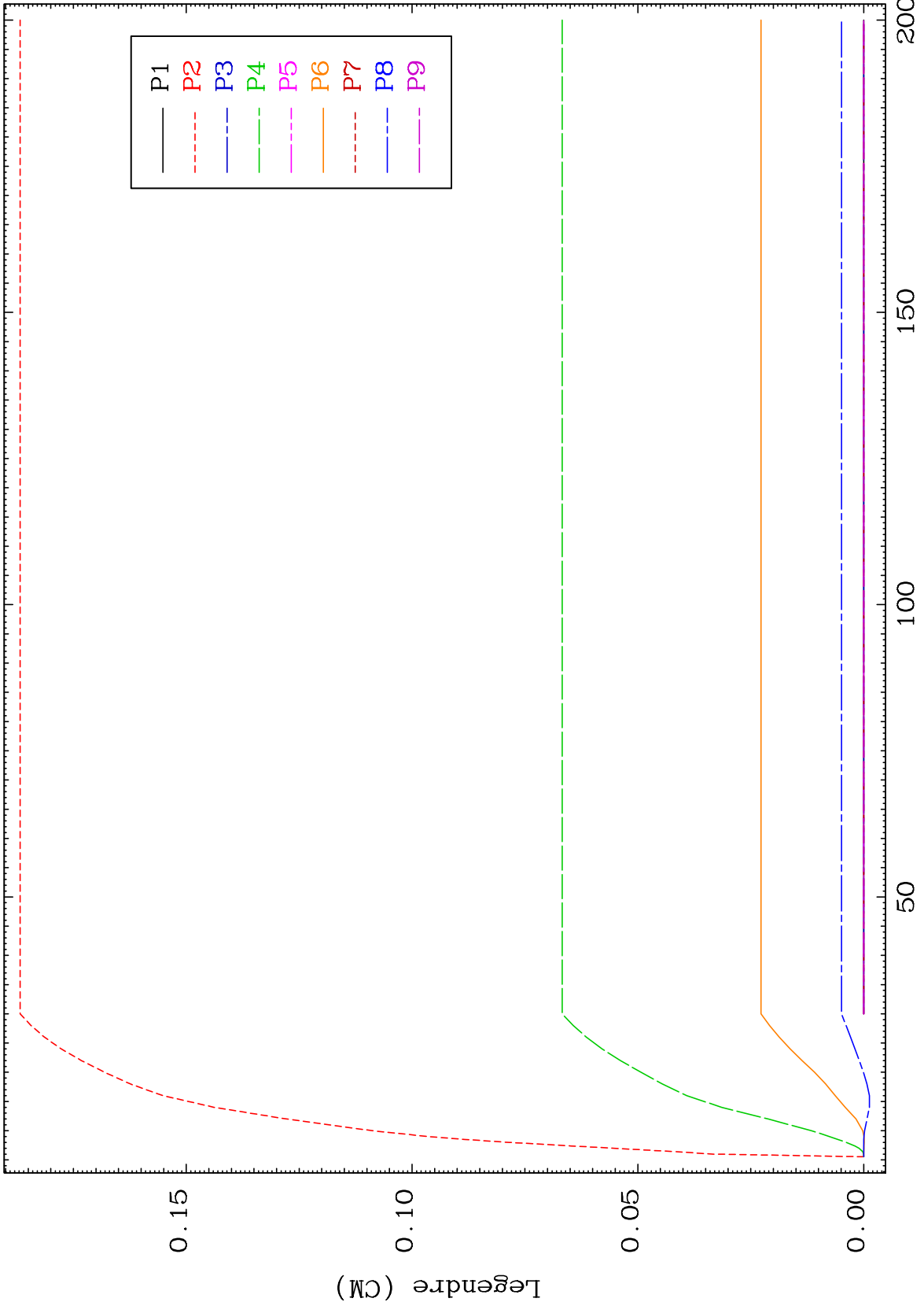
52 Incident Energy (MeV) 16-S -34

MAT 1631 MT= 62 (n,n') Level Legendre Coefficients 16-S -34



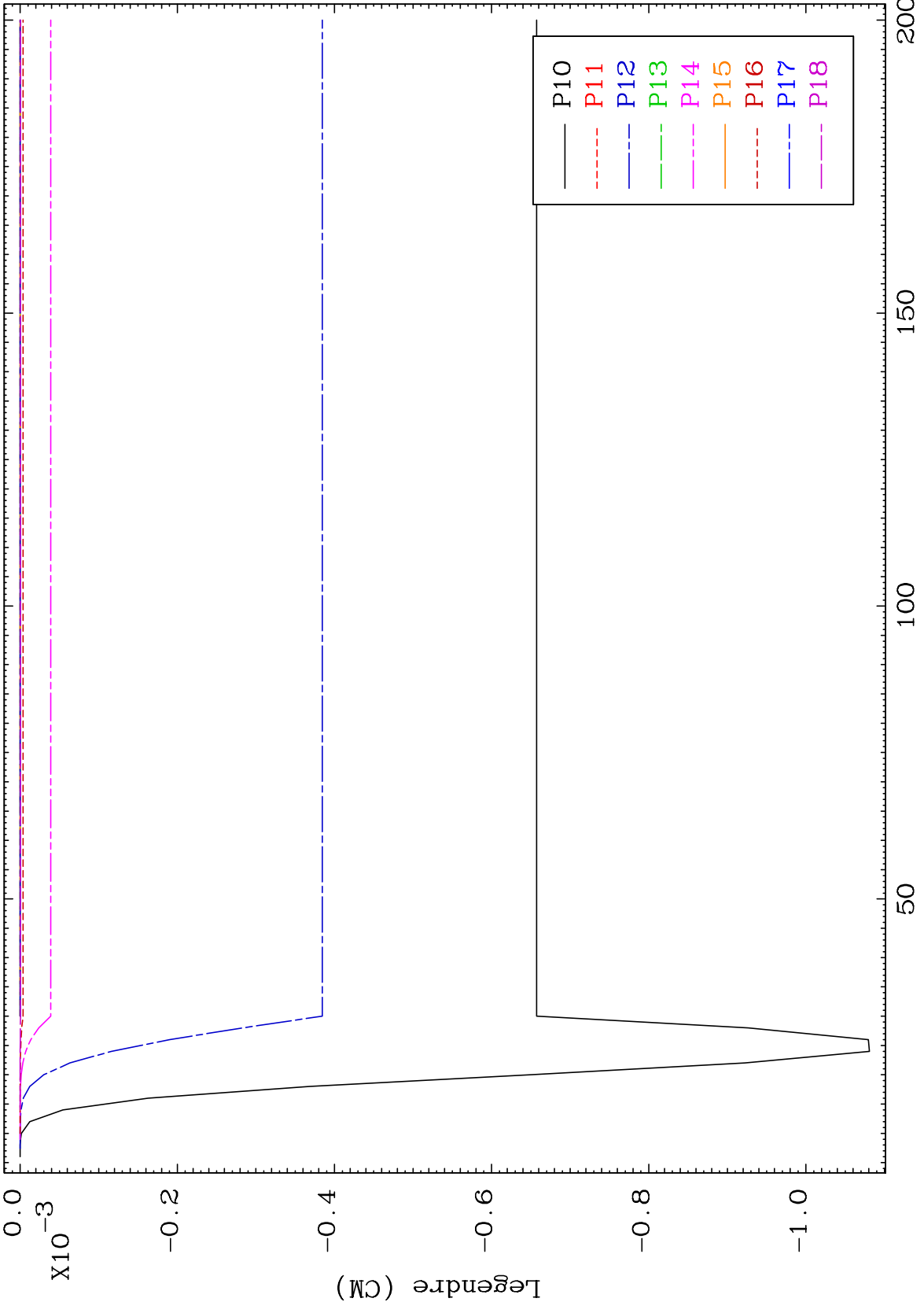
53 Incident Energy (MeV) 16-S -34

MAT 1631 MT= 63 (n,n') Level Legendre Coefficients 16-S -34



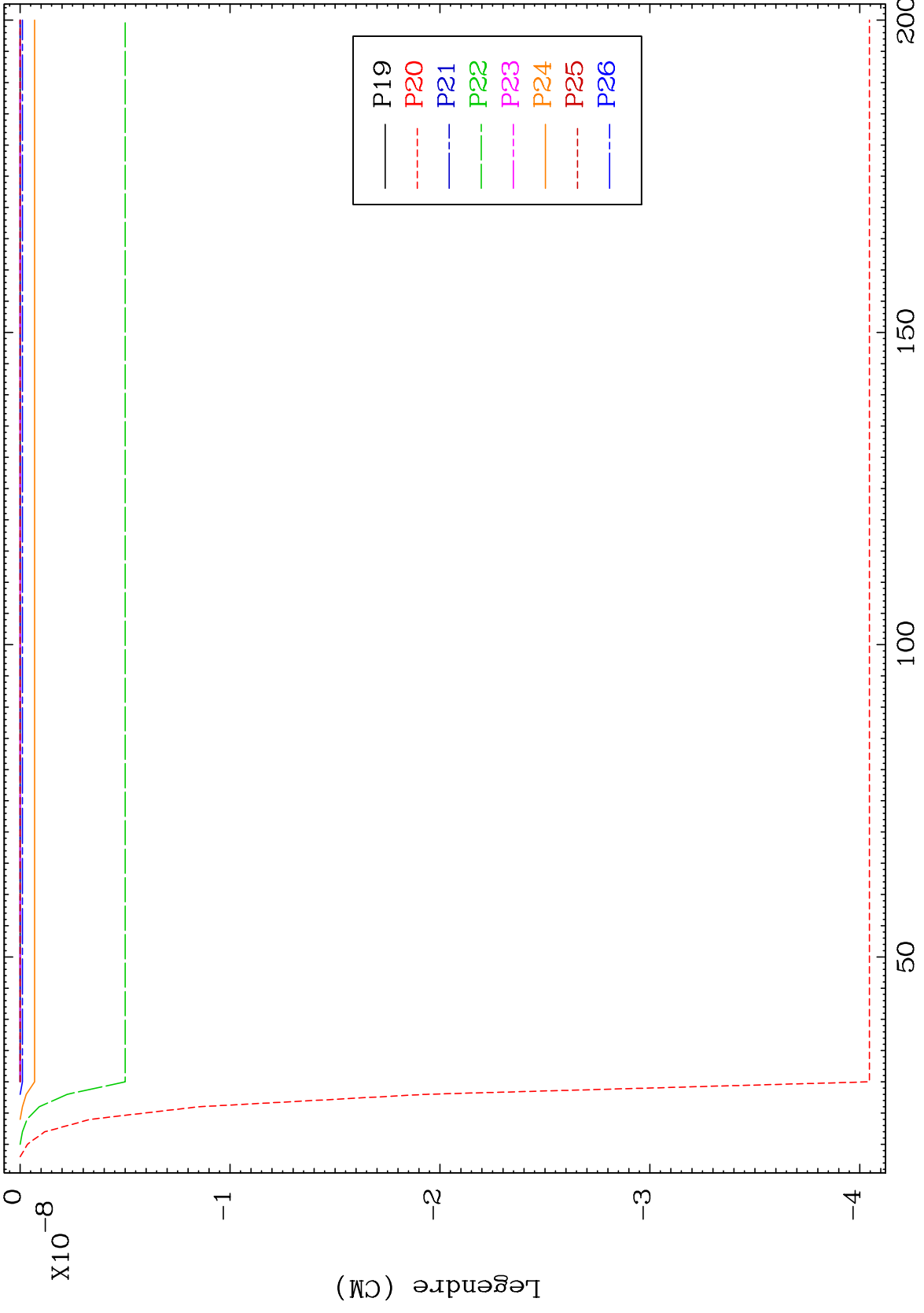
54 Incident Energy (MeV) 16-S -34

MAT 1631 MT= 63 (n,n') Level Legendre Coefficients 16-S -34





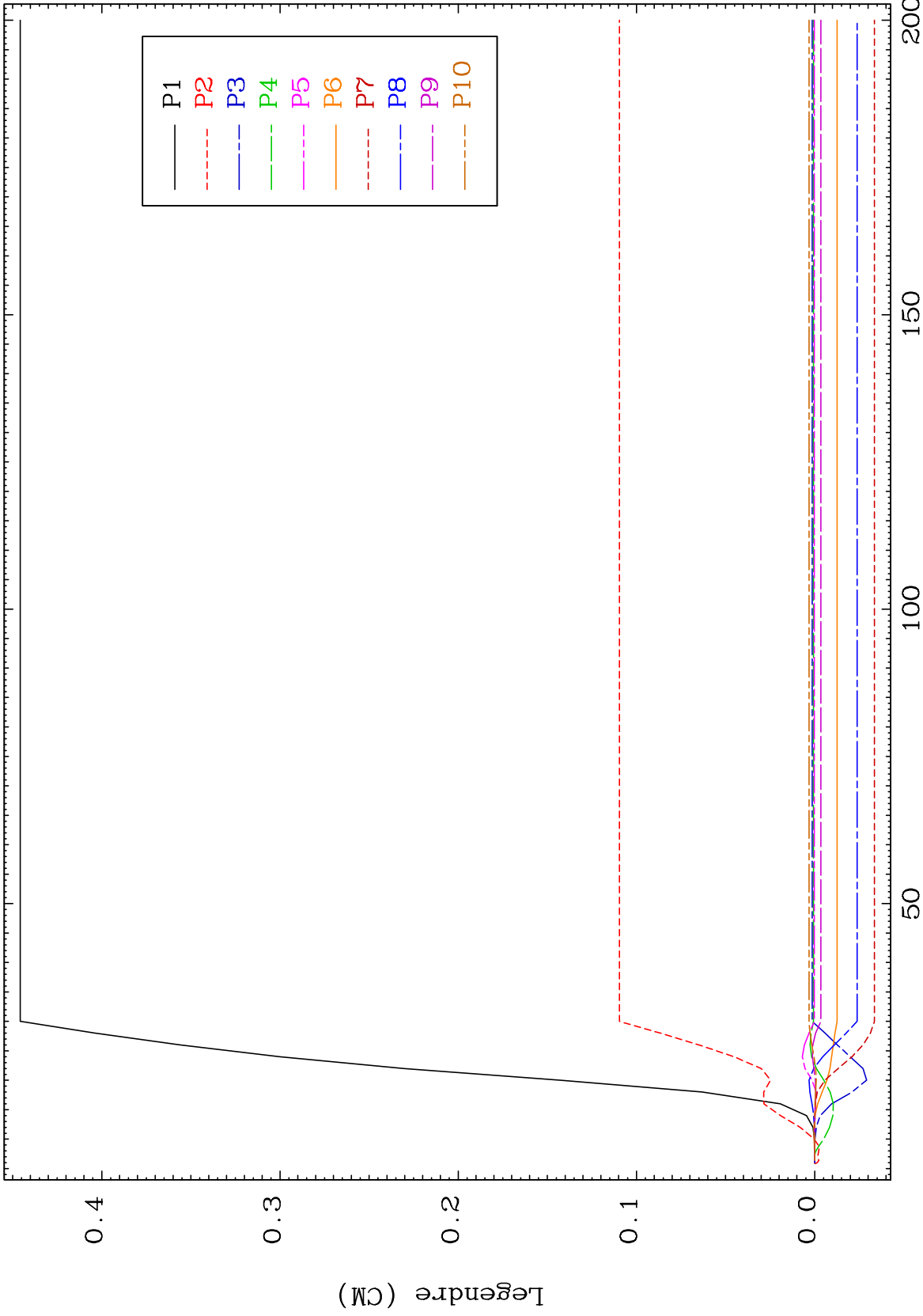
MAT 1631 MT= 63 (n,n') Level Legendre Coefficients 16-S -34



MAT 1631

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

16-S -34



57

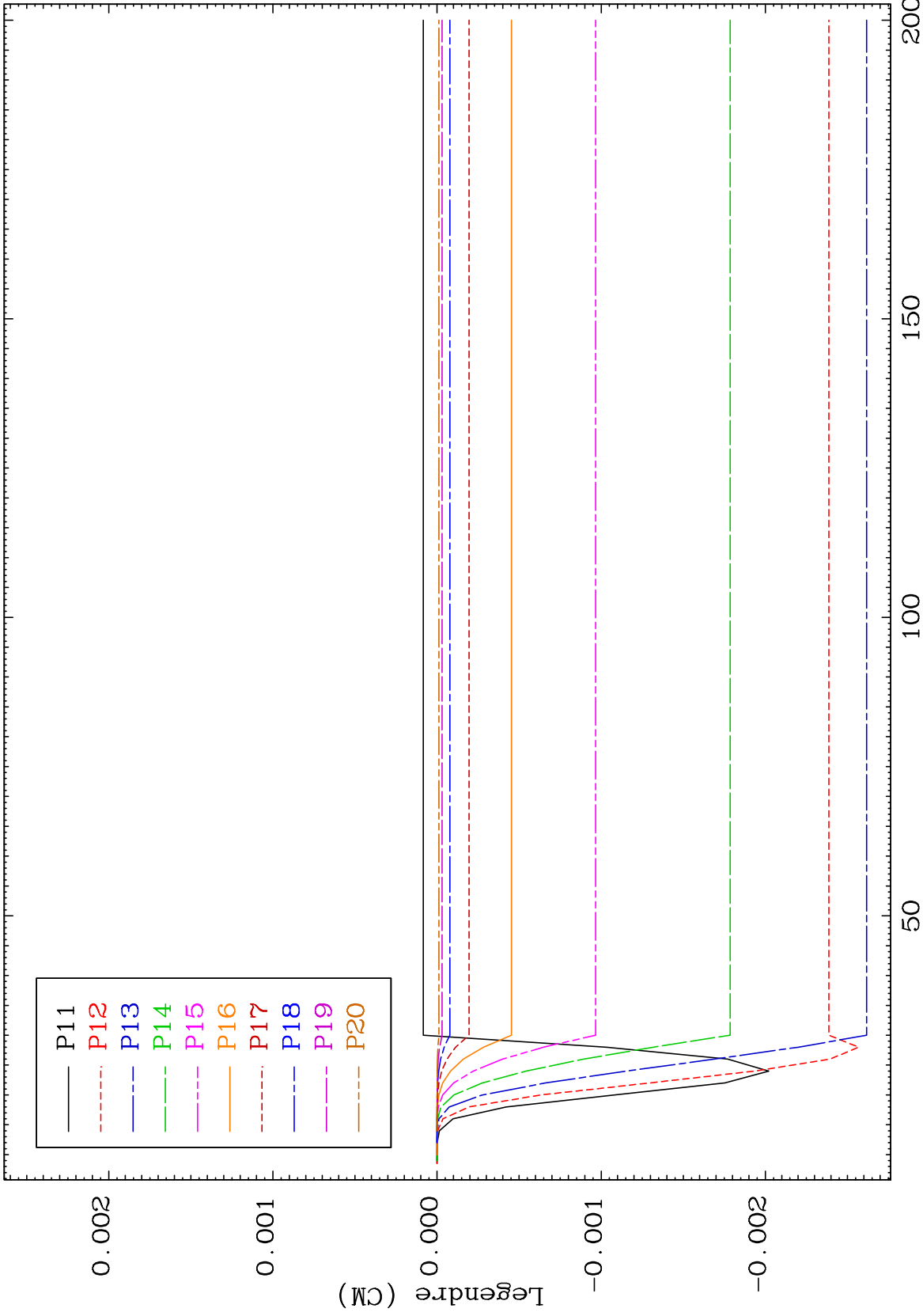
Incident Energy (MeV)

16-S -34

MAT 1631

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

16-S -34

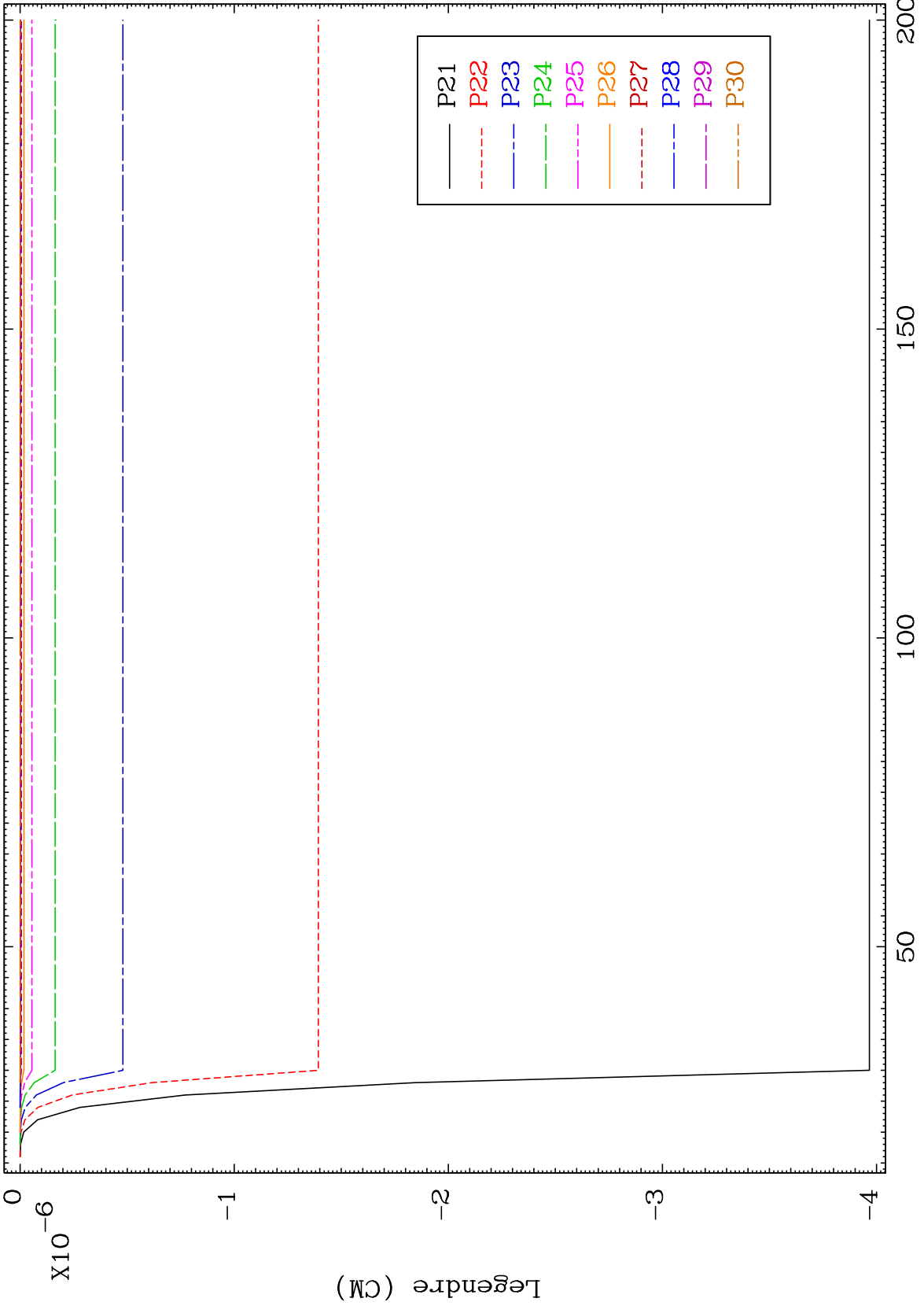


58

Incident Energy (MeV)

16-S -34

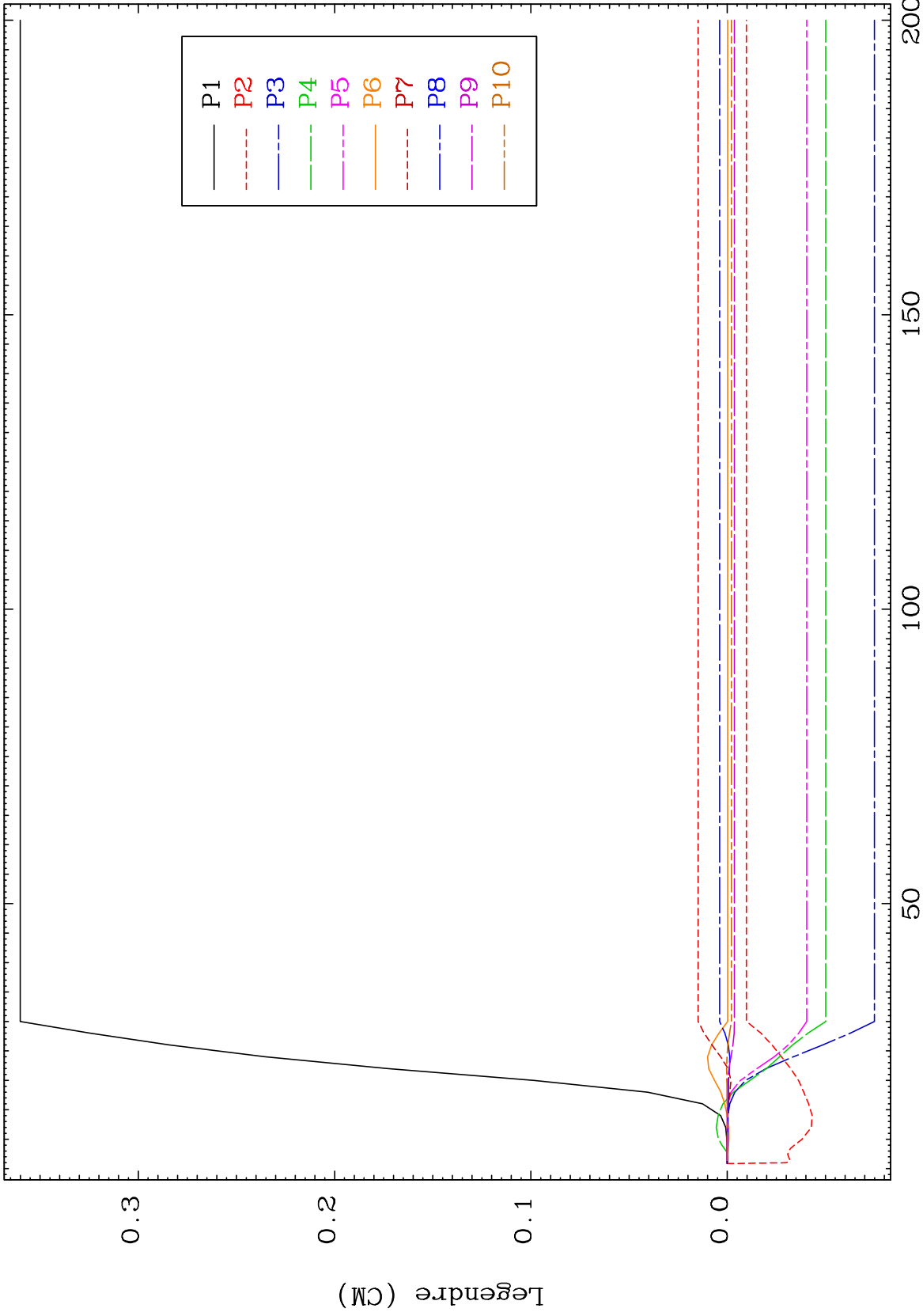
MAT 1631 MT= 64 (n,n') Level Legendre Coefficients 16-S -34



MAT 1631

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

16-S -34



60

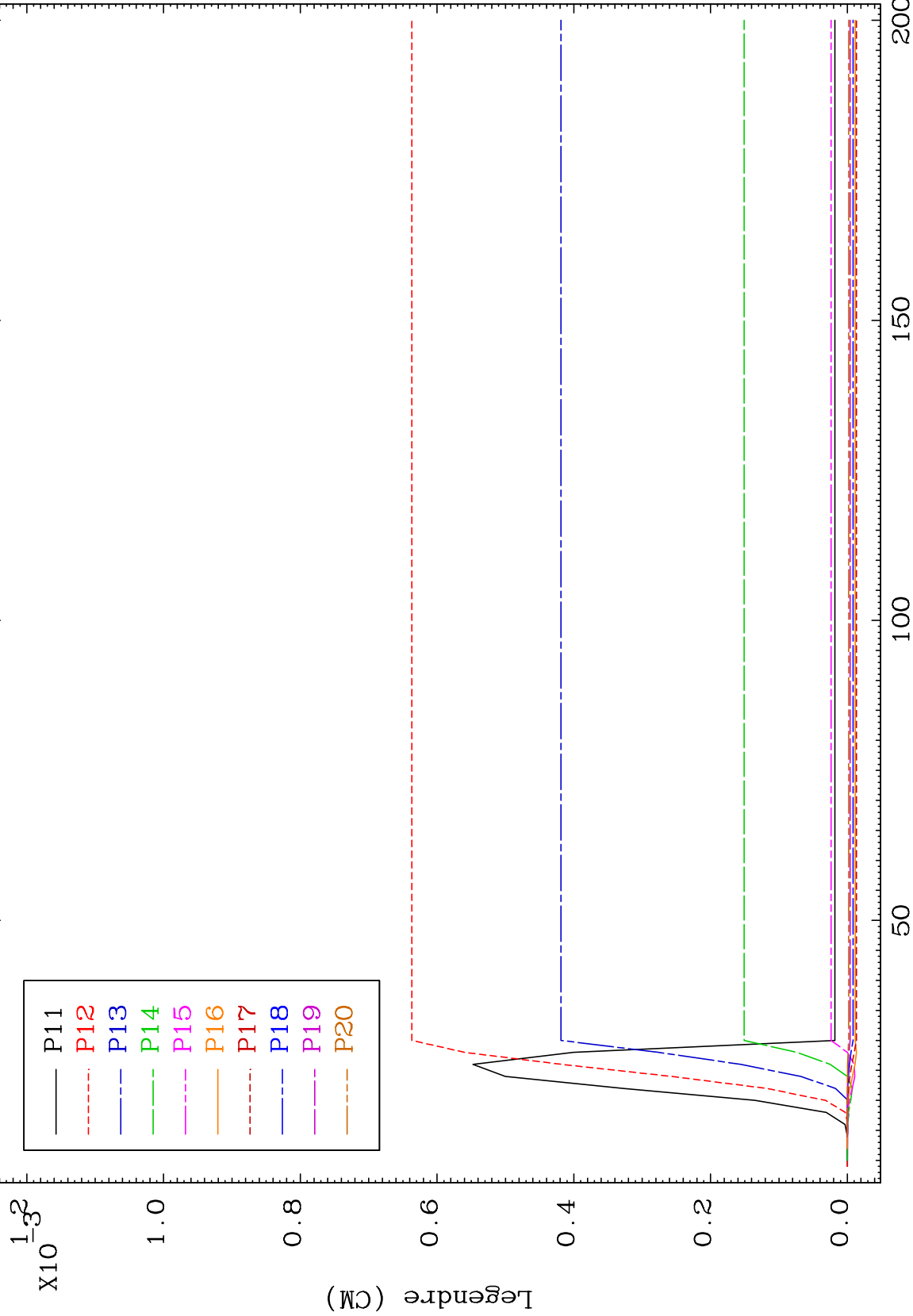
Incident Energy (MeV)

16-S -34

MAT 1631

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

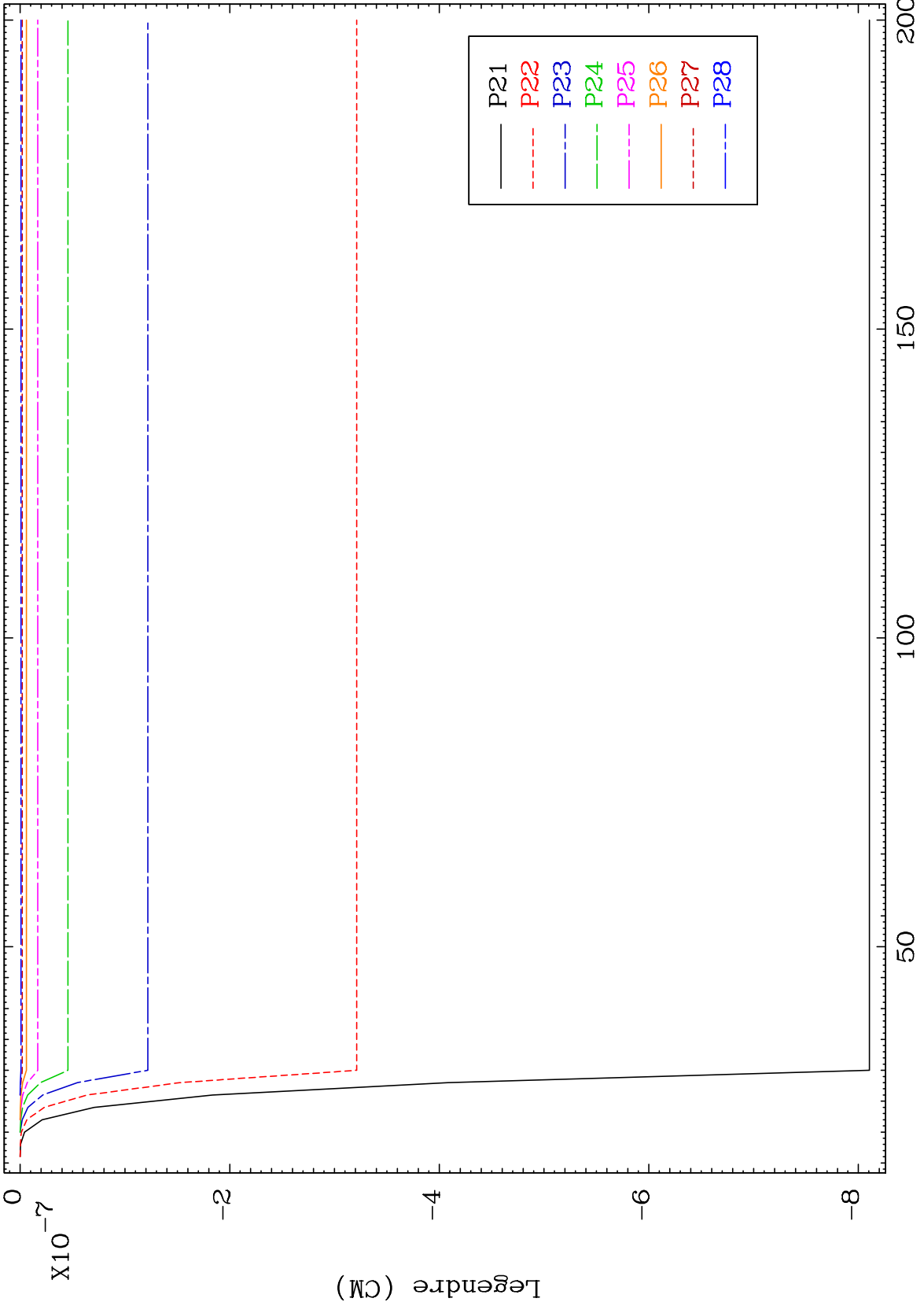
16-S -34



61

16-S -34

MAT 1631 MT= 65 (n,n') Level Legendre Coefficients 16-S -34



62 Incident Energy (MeV) 16-S -34