

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

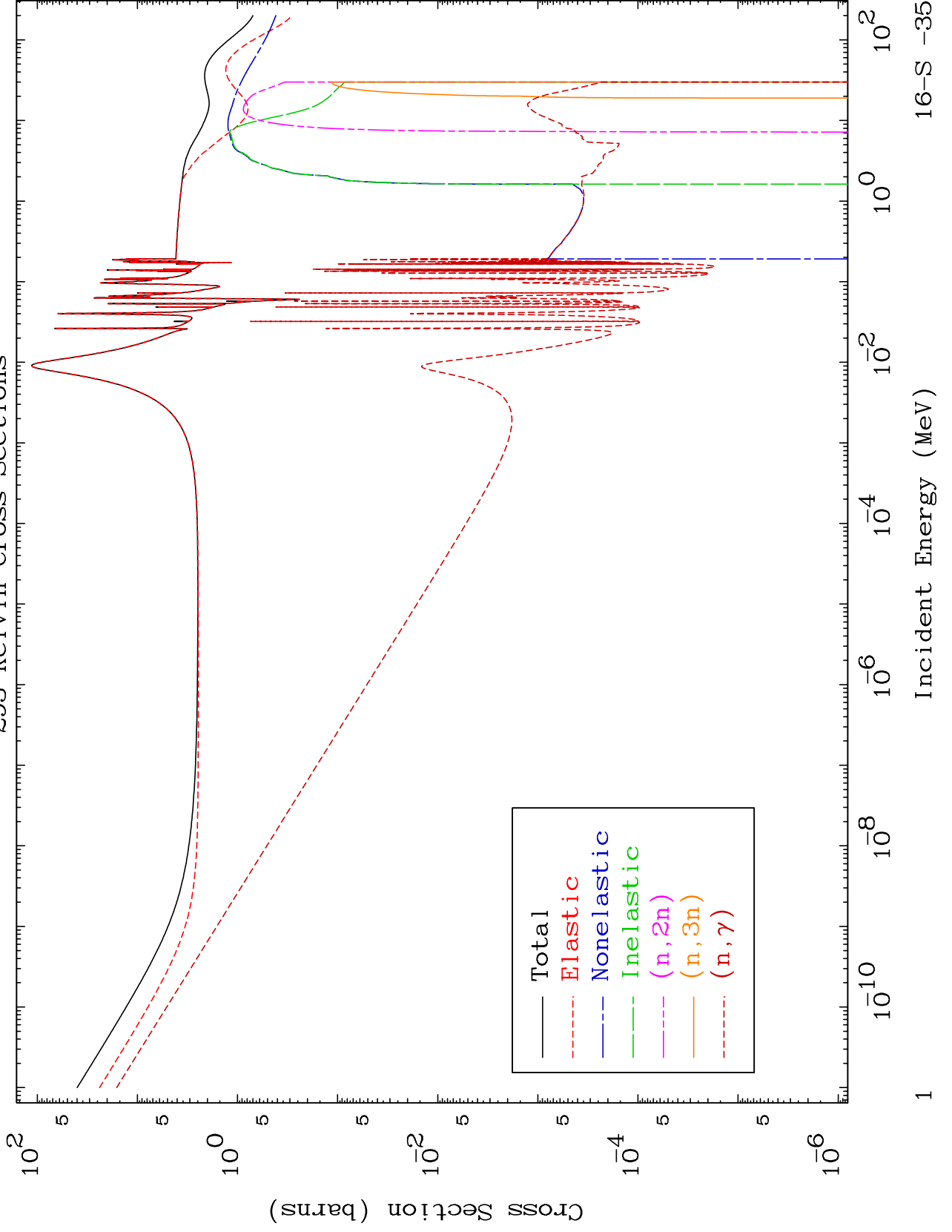
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1634

Neutron Major  
293 Kelvin Cross Sections

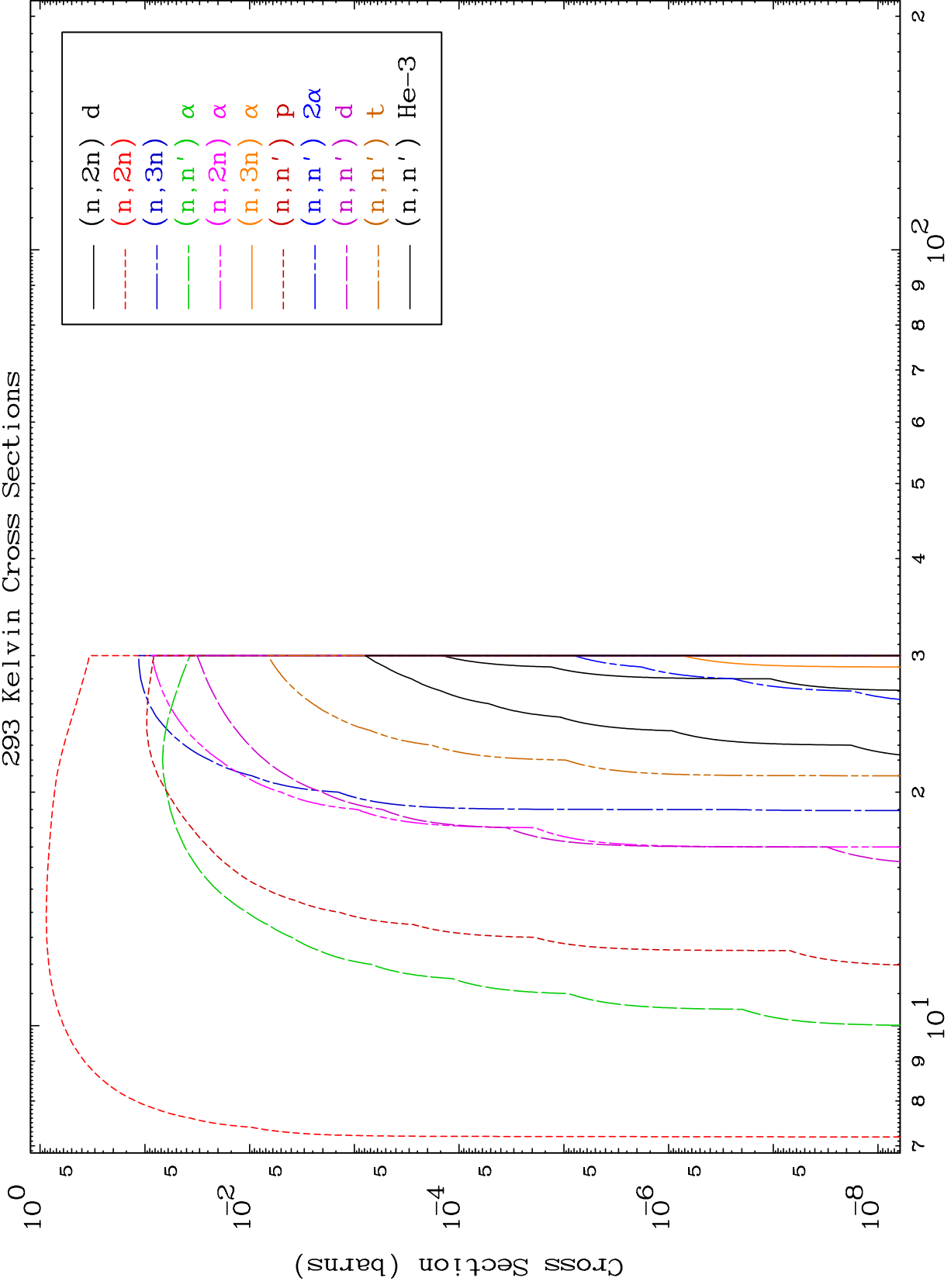
16-S -35



MAT 1634

Neutron Absorption  
293 Kelvin Cross Sections

16-S -35



Incident Energy (MeV)

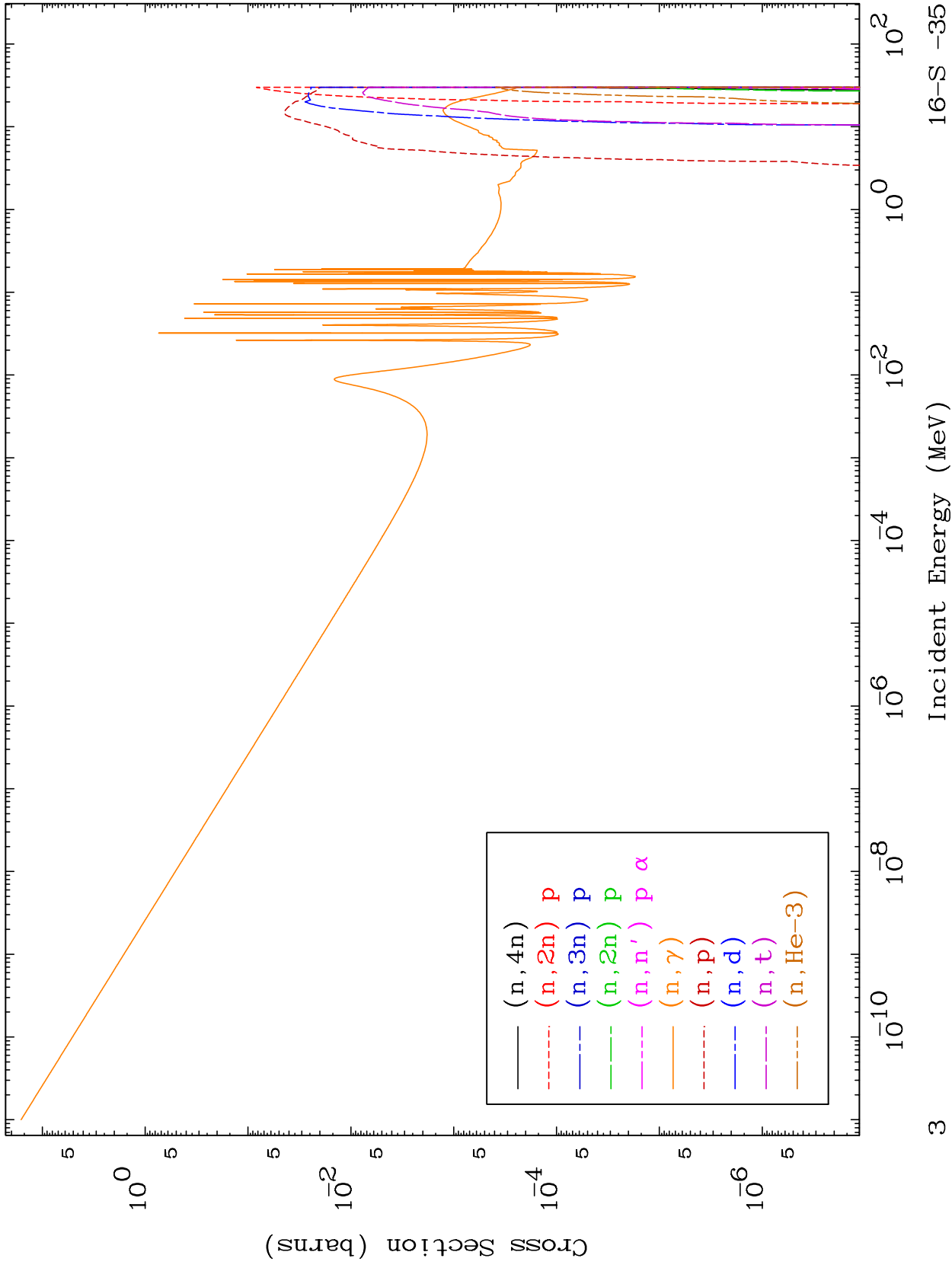
16-S -35

2

MAT 1634

Neutron Absorption  
293 Kelvin Cross Sections

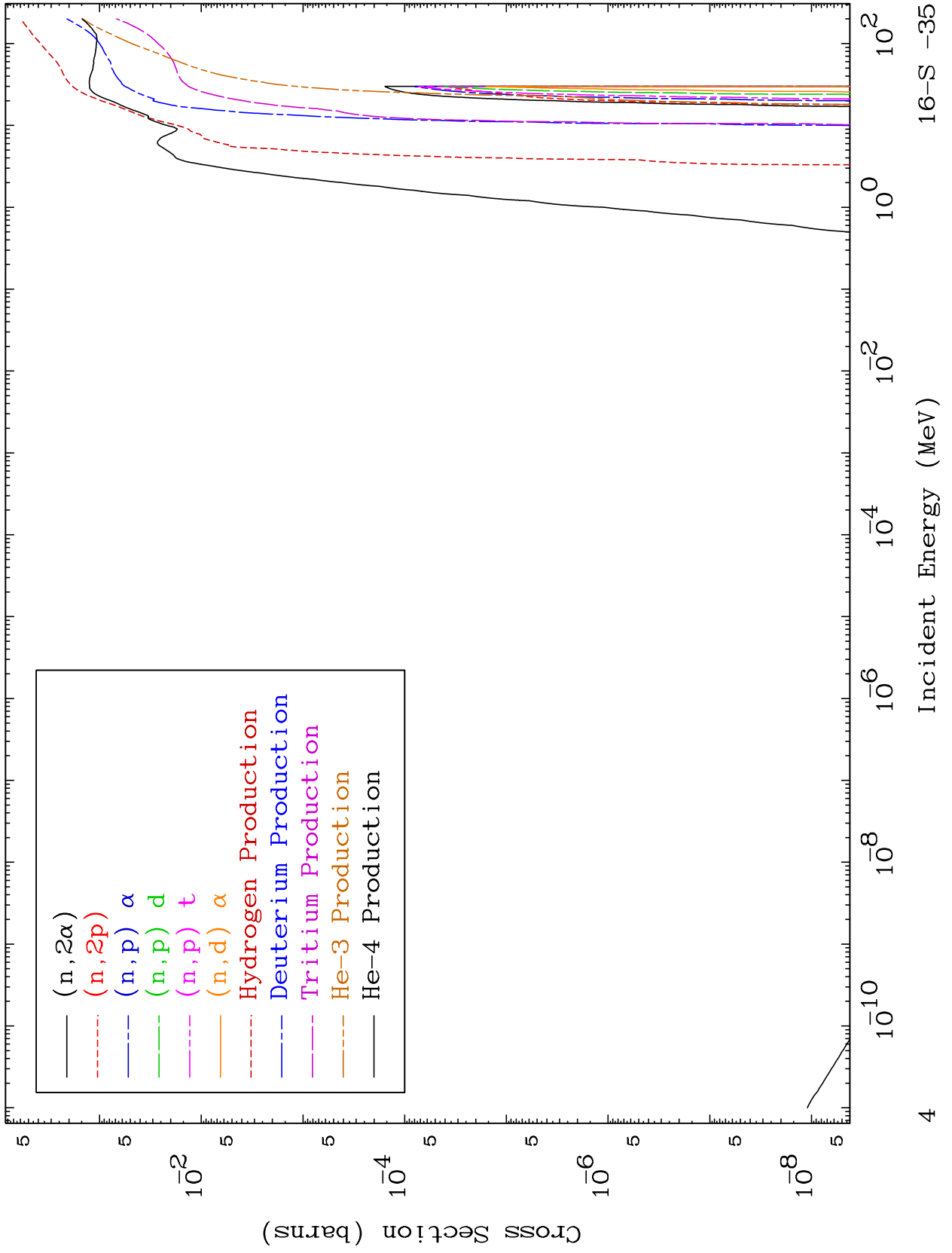
16-S -35



MAT 1634

Neutron Absorption  
293 Kelvin Cross Sections

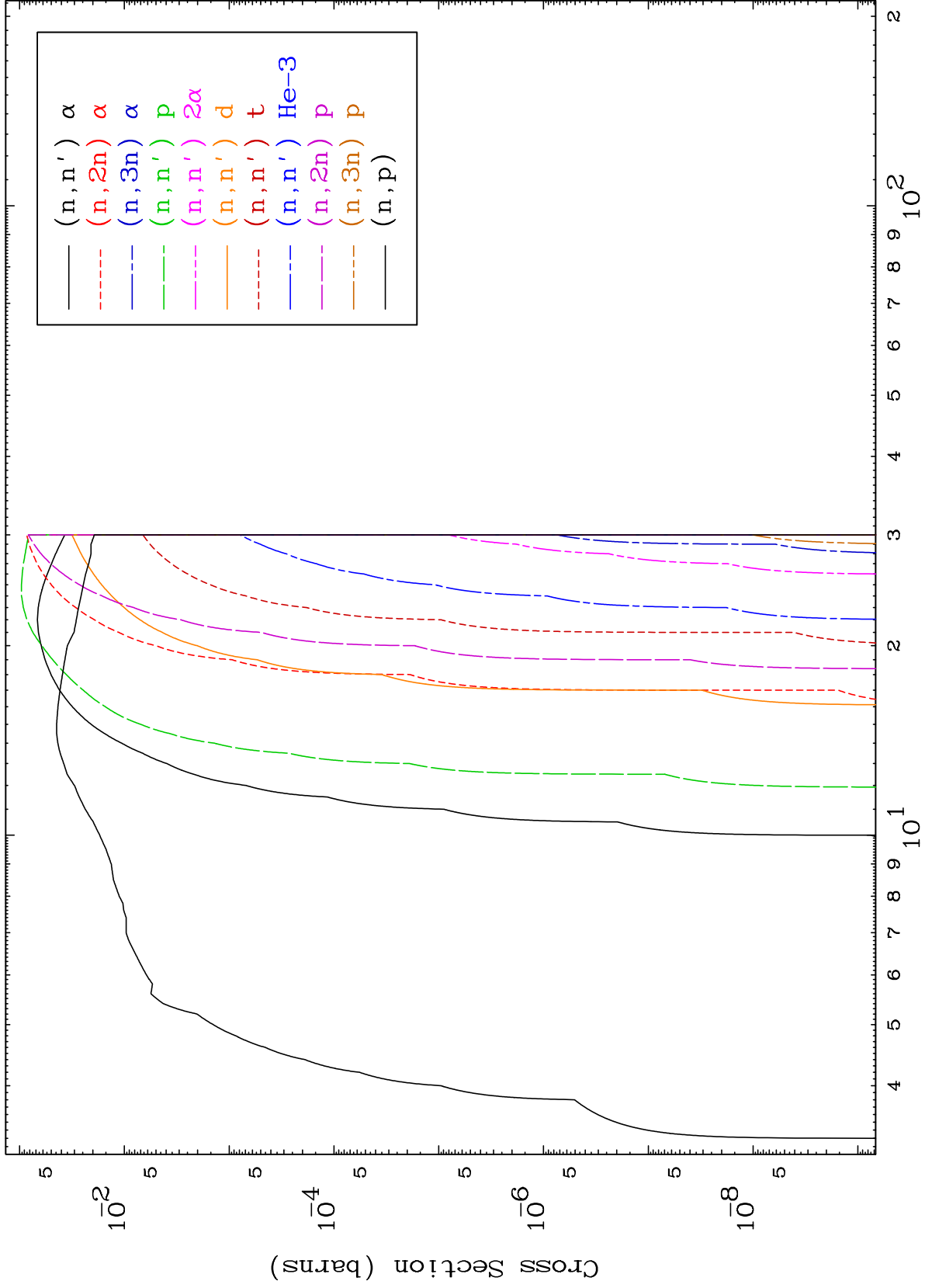
16-S -35



MAT 1634

Charged Particle  
293 Kelvin Cross Sections

16-S -35



5

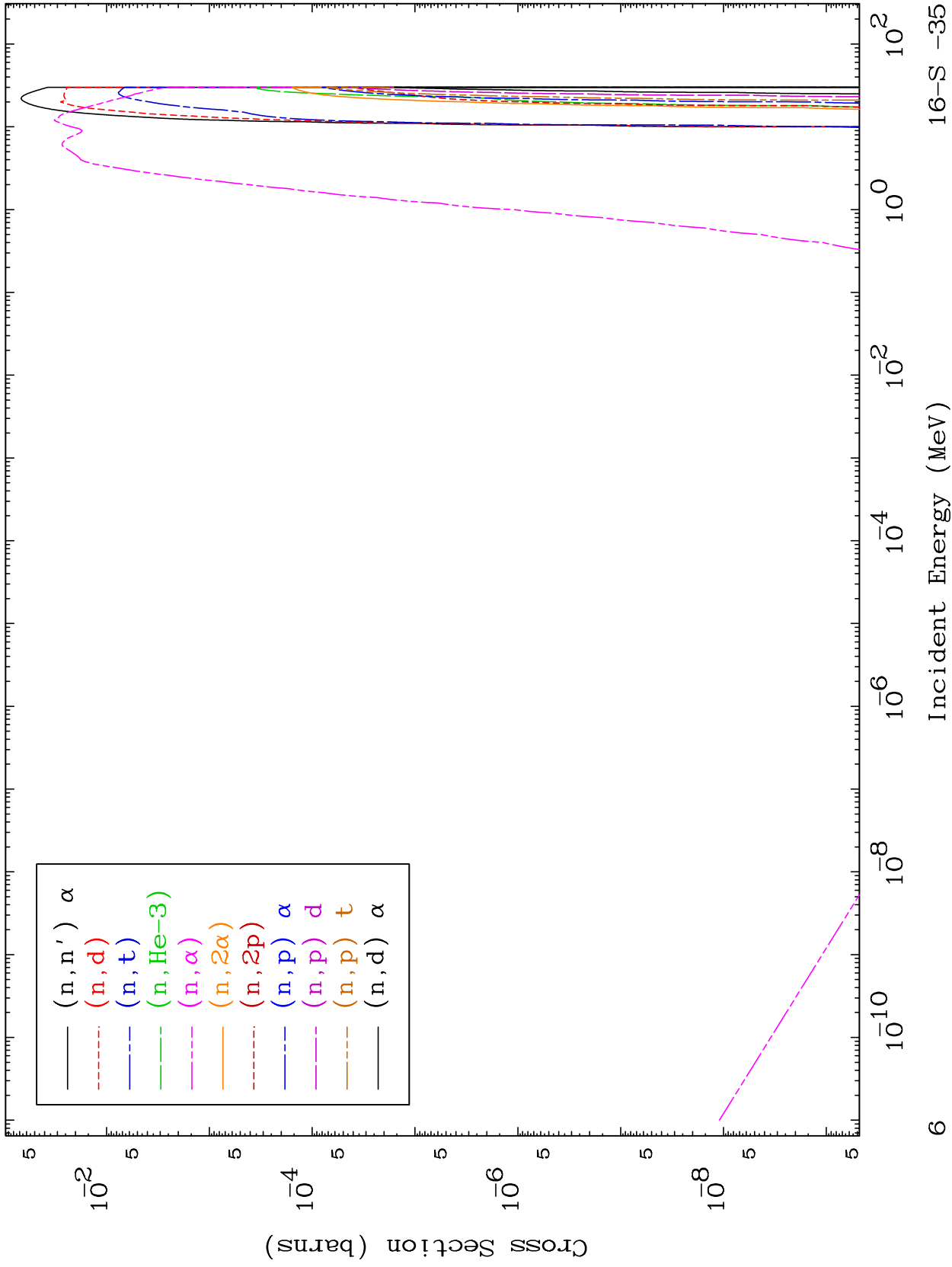
Incident Energy (MeV)

16-S -35

MAT 1634

Charged Particle  
293 Kelvin Cross Sections

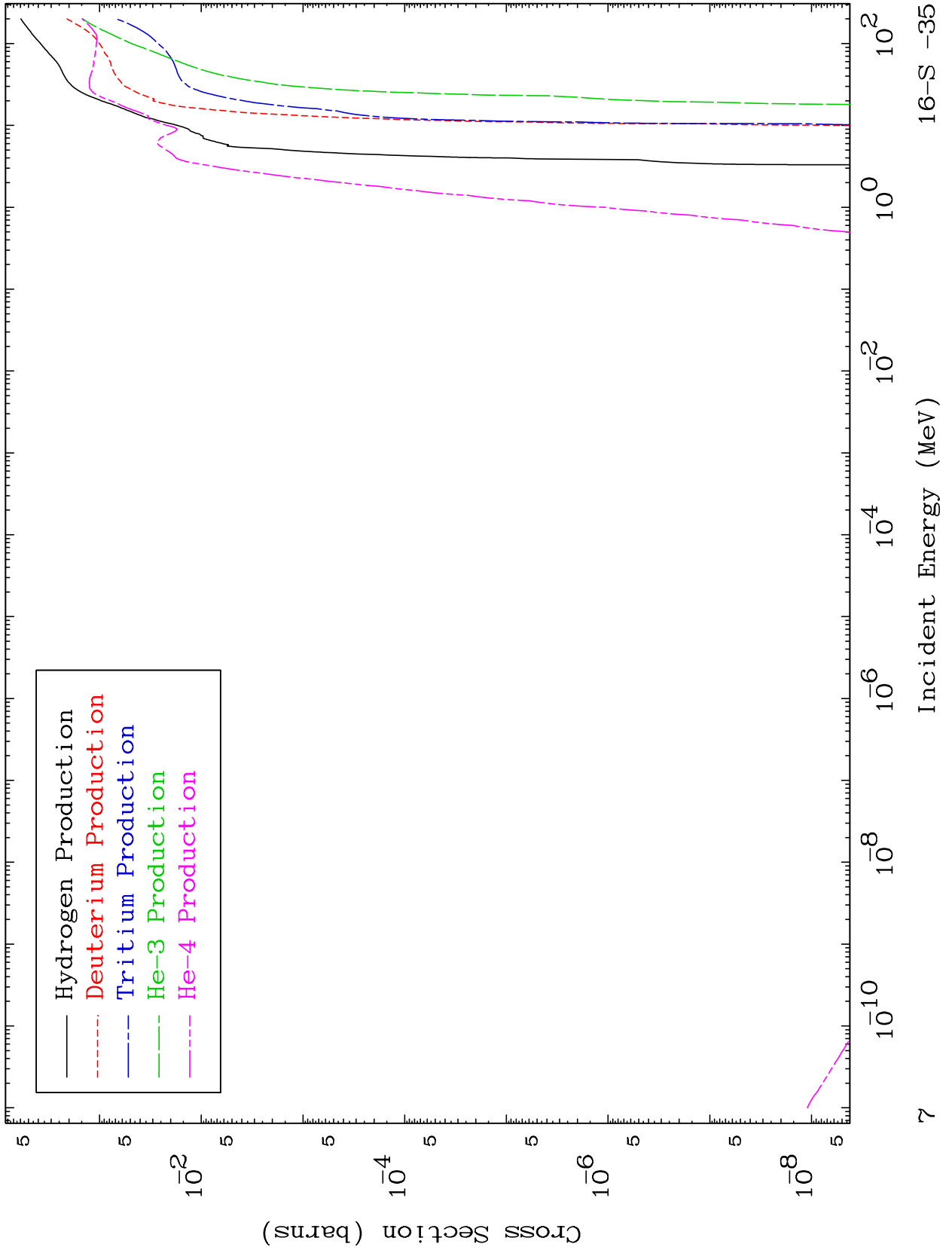
16-S -35



MAT 1634

Particle Production  
293 Kelvin Cross Sections

16-S -35

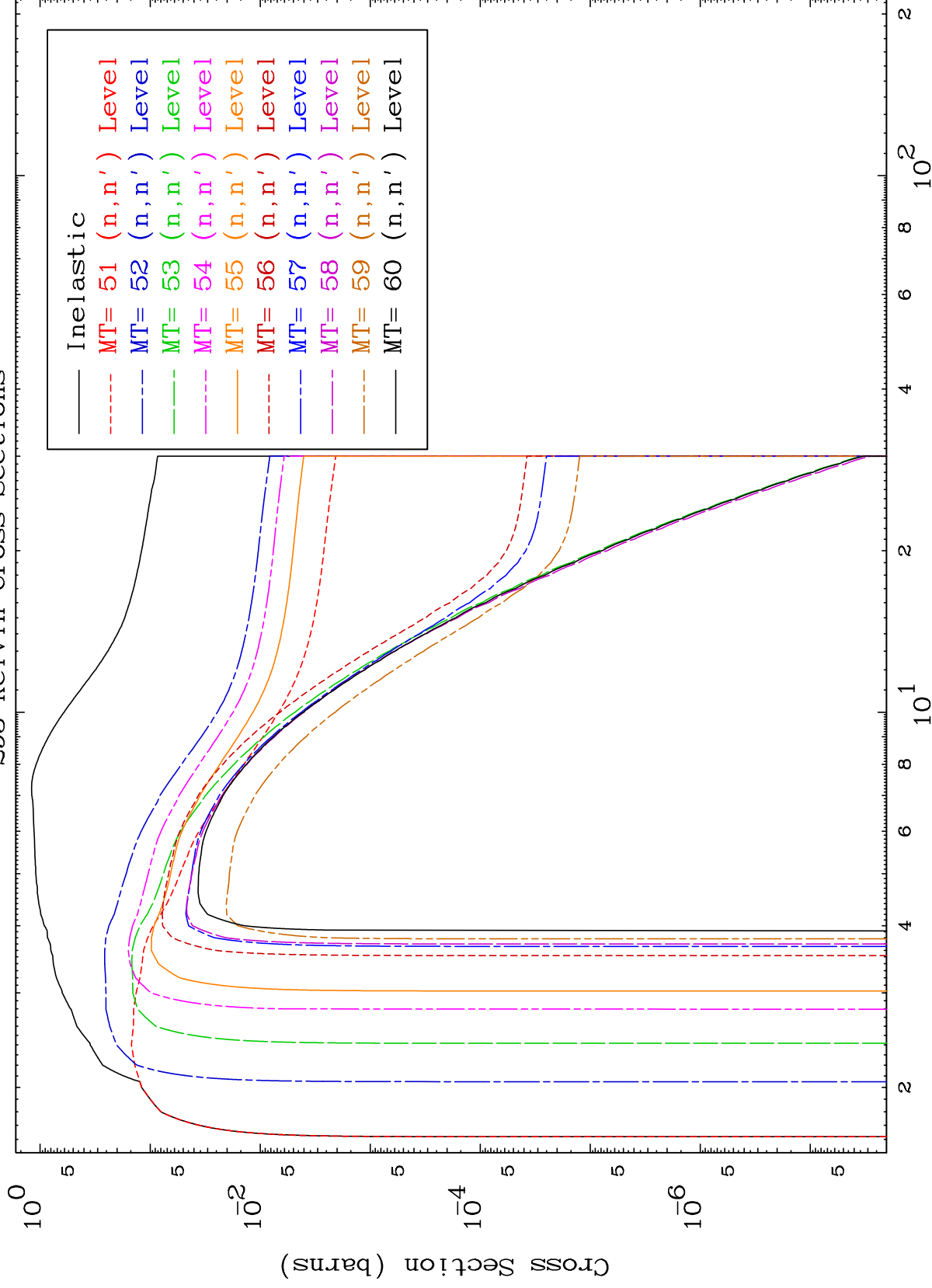


MAT 1634

(n,n') Levels

16-S -35

293 Kelvin Cross Sections



8

Incident Energy (MeV)

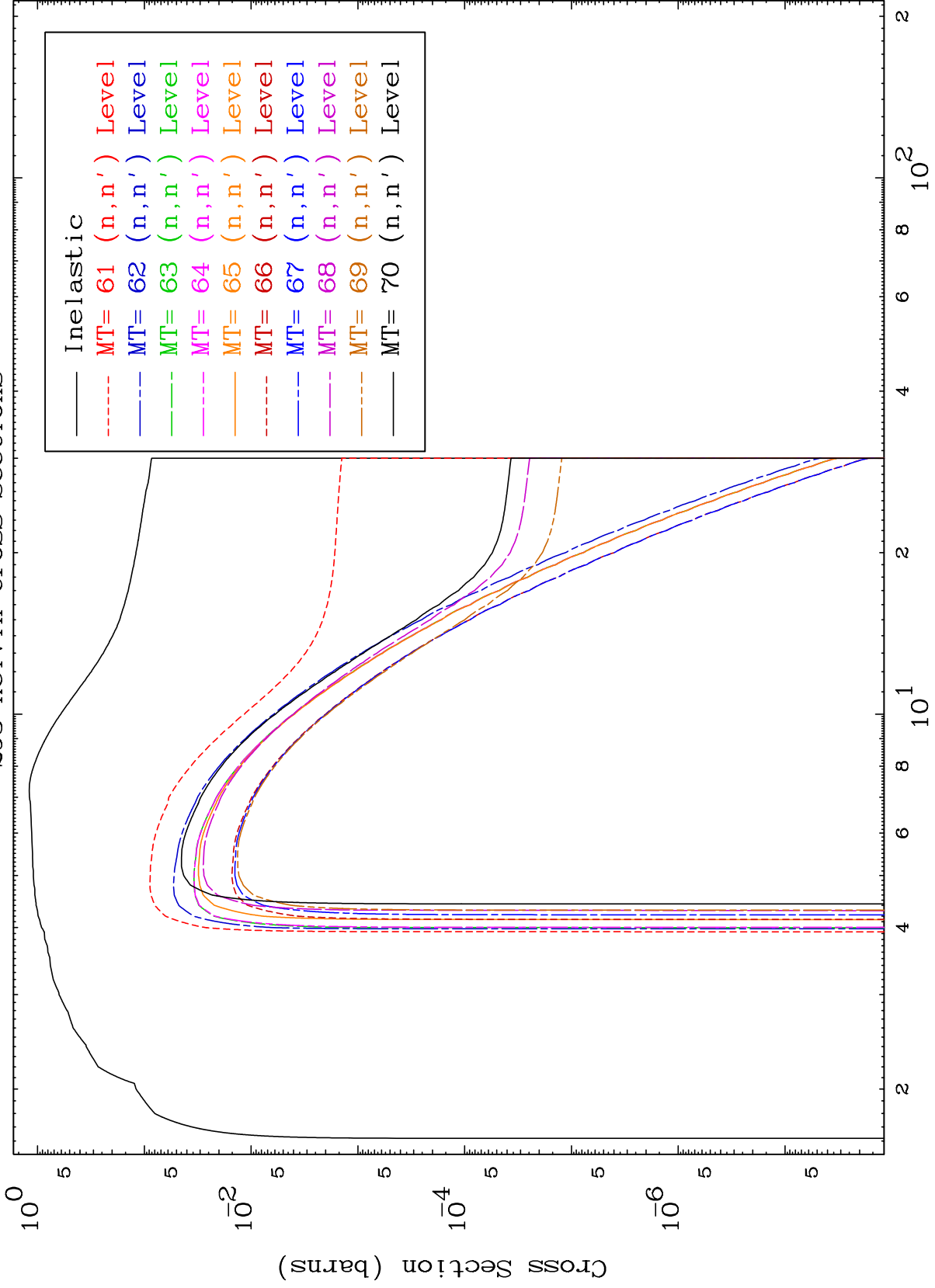
16-S -35

MAT 1634

(n,n') Levels

16-S -35

293 Kelvin Cross Sections



9

Incident Energy (MeV)

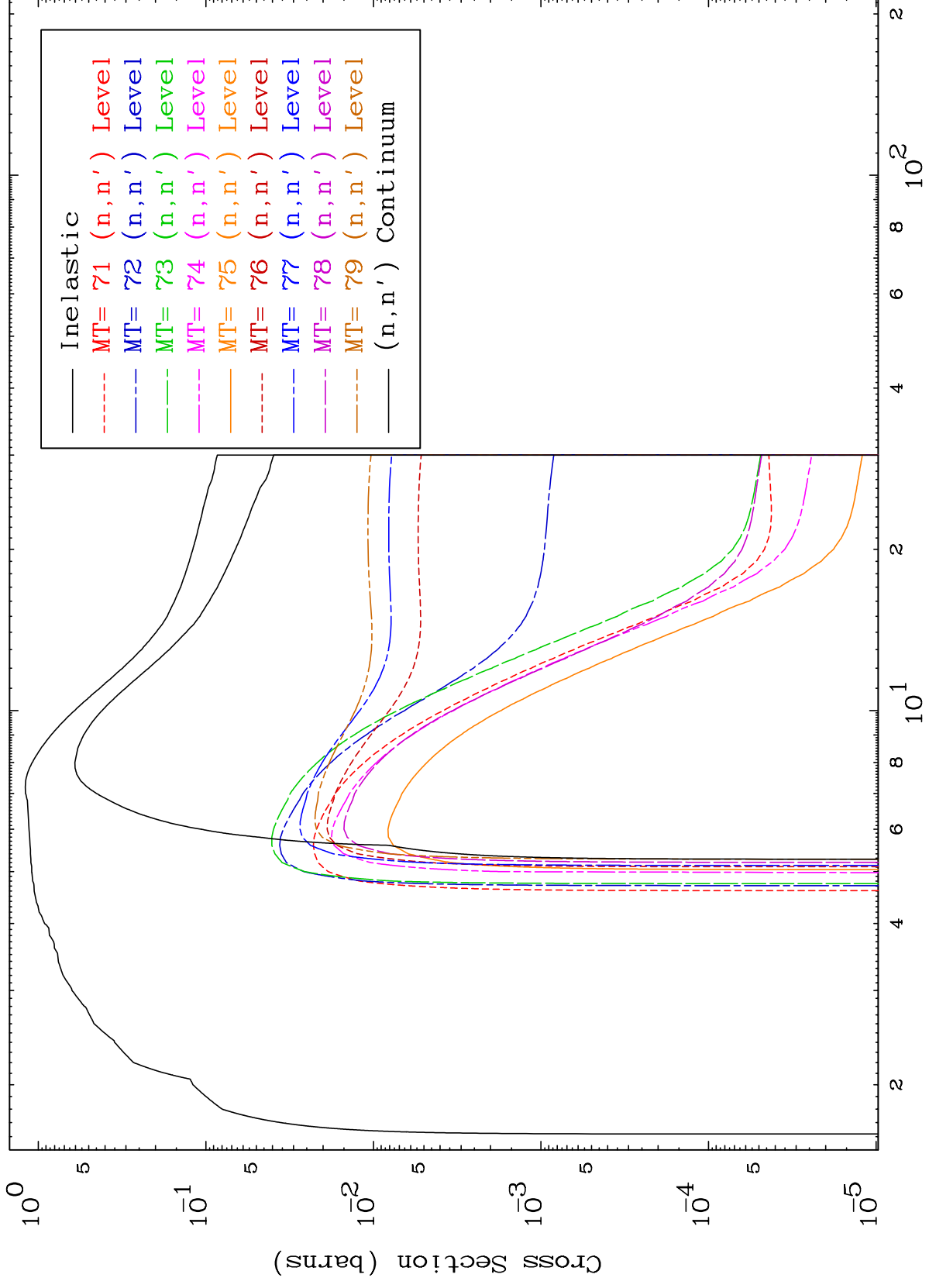
16-S -35

MAT 1634

(n,n') Levels

16-S -35

293 Kelvin Cross Sections



10

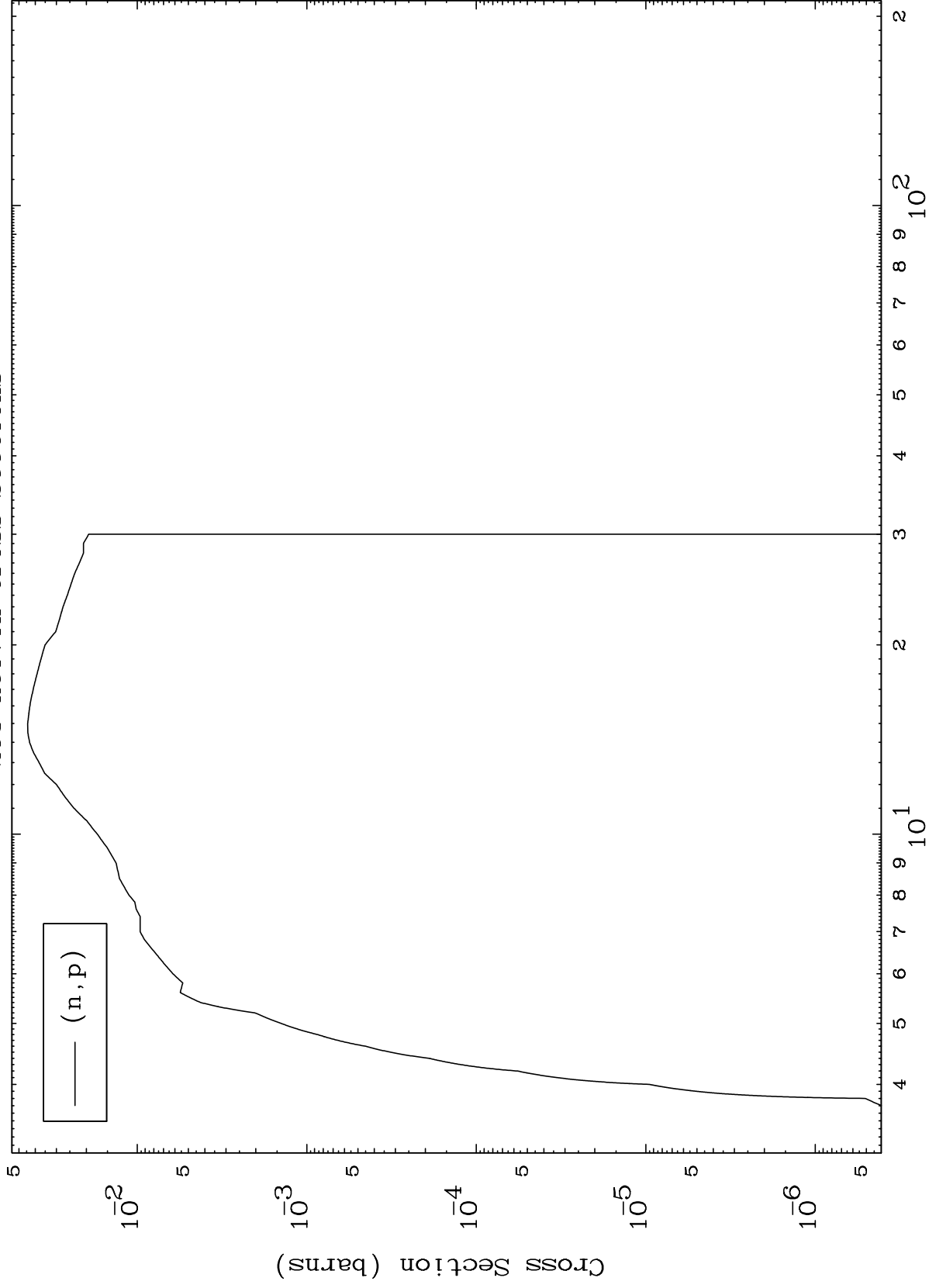
Incident Energy (MeV)

16-S -35

MAT 1634

(n,p) Levels  
293 Kelvin Cross Sections

16-S -35



11

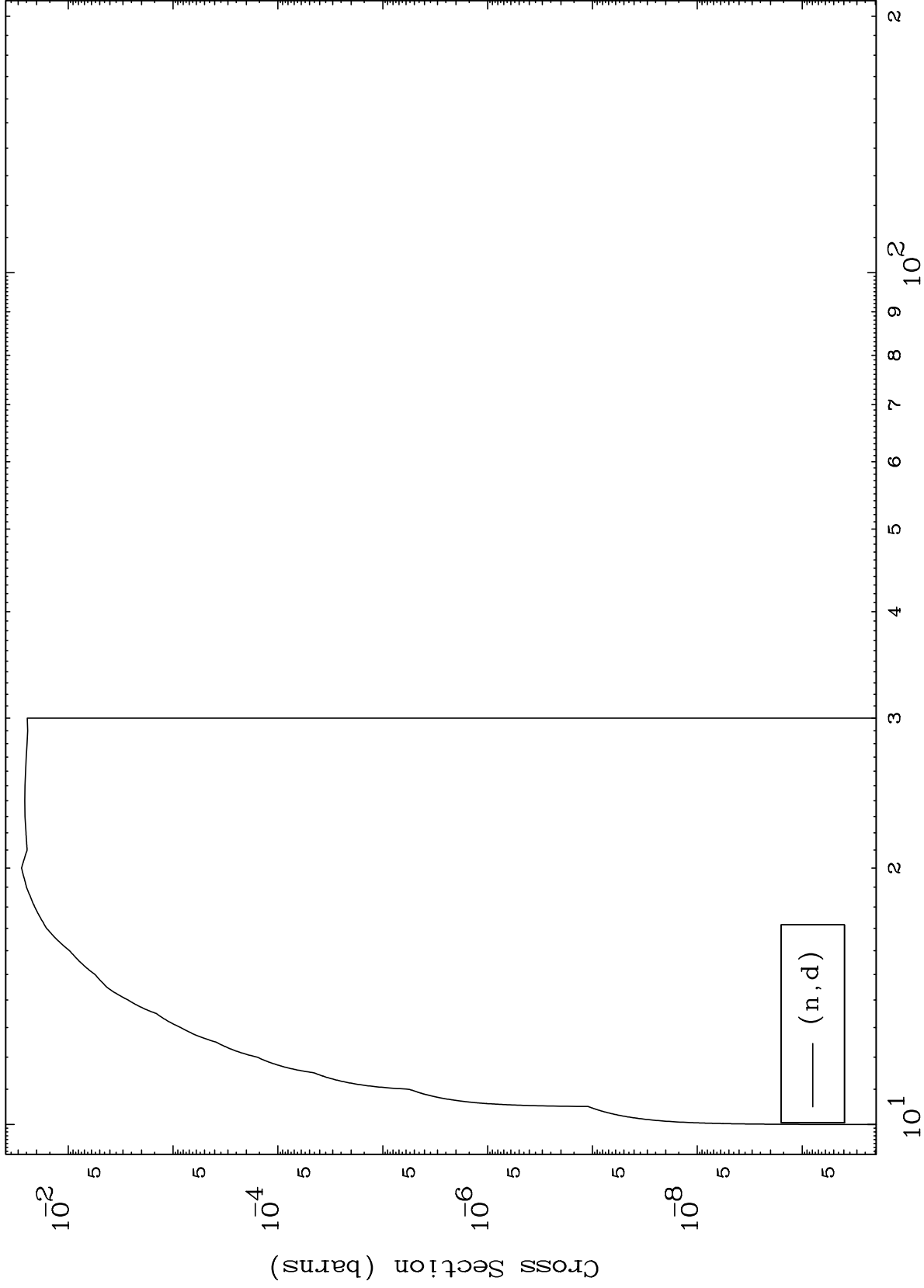
Incident Energy (MeV)

16-S -35

MAT 1634

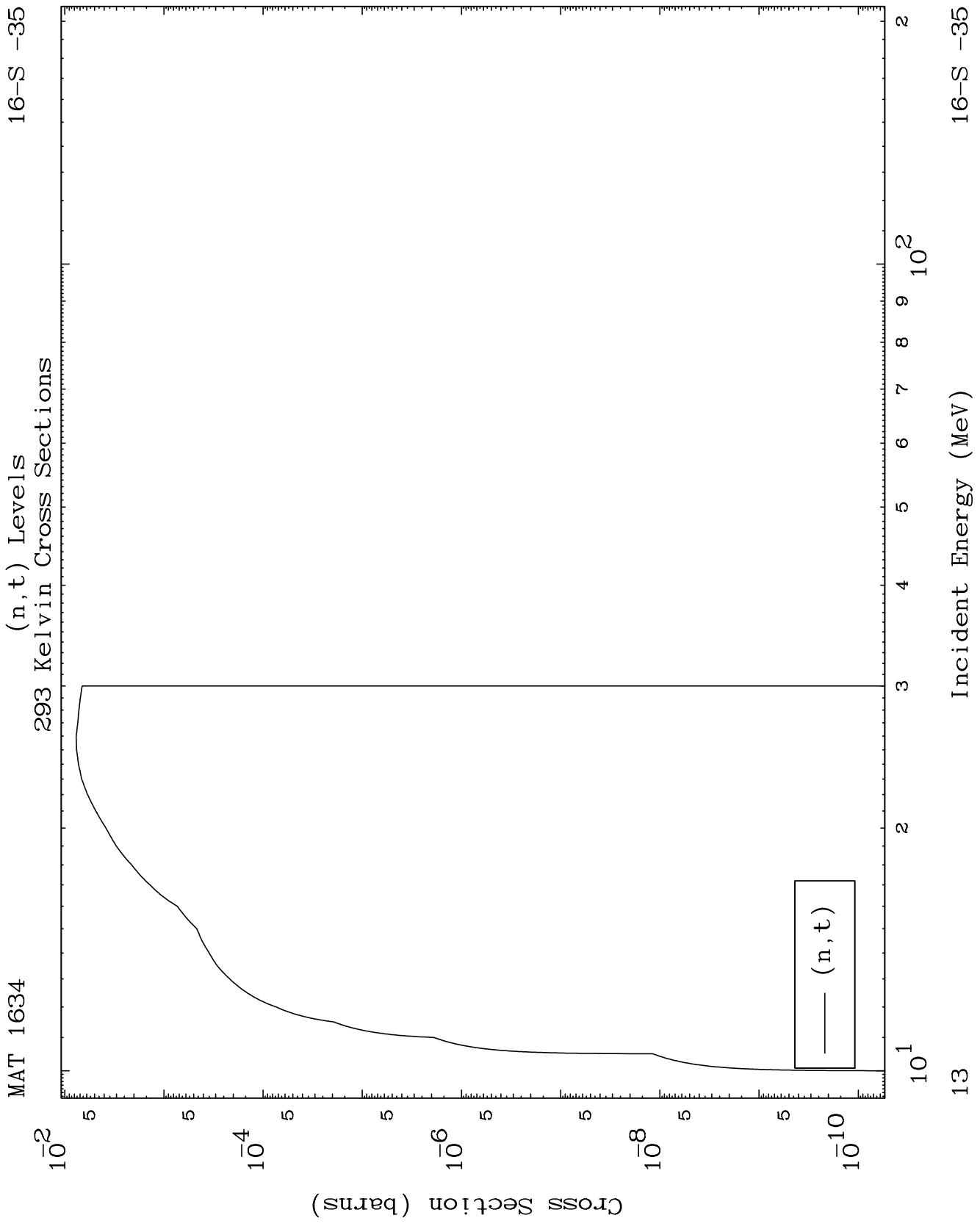
(n,d) Levels  
293 Kelvin Cross Sections

16-S -35



Incident Energy (MeV)

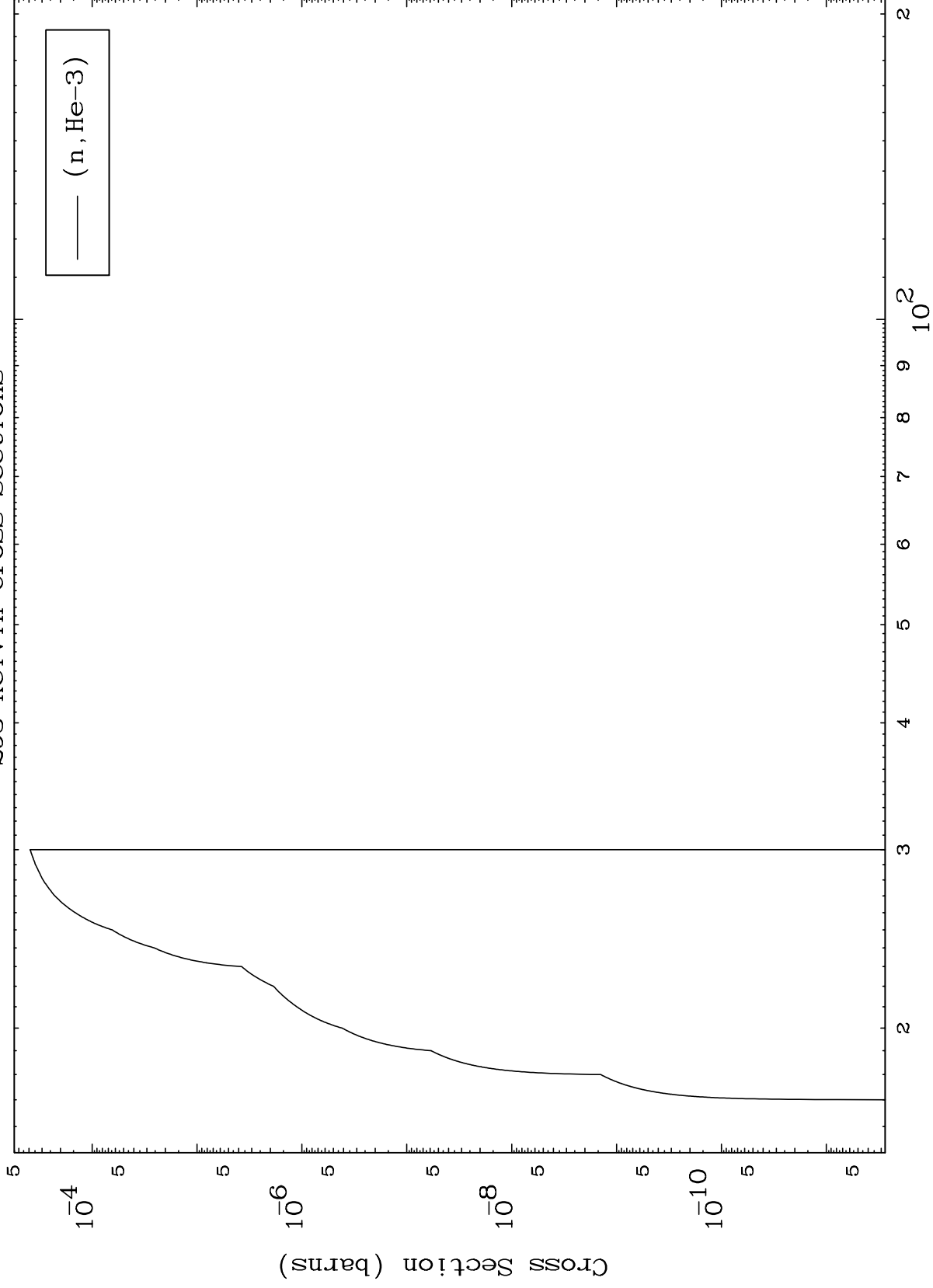
16-S -35



MAT 1634

(n,He3) Levels  
293 Kelvin Cross Sections

16-S -35



14

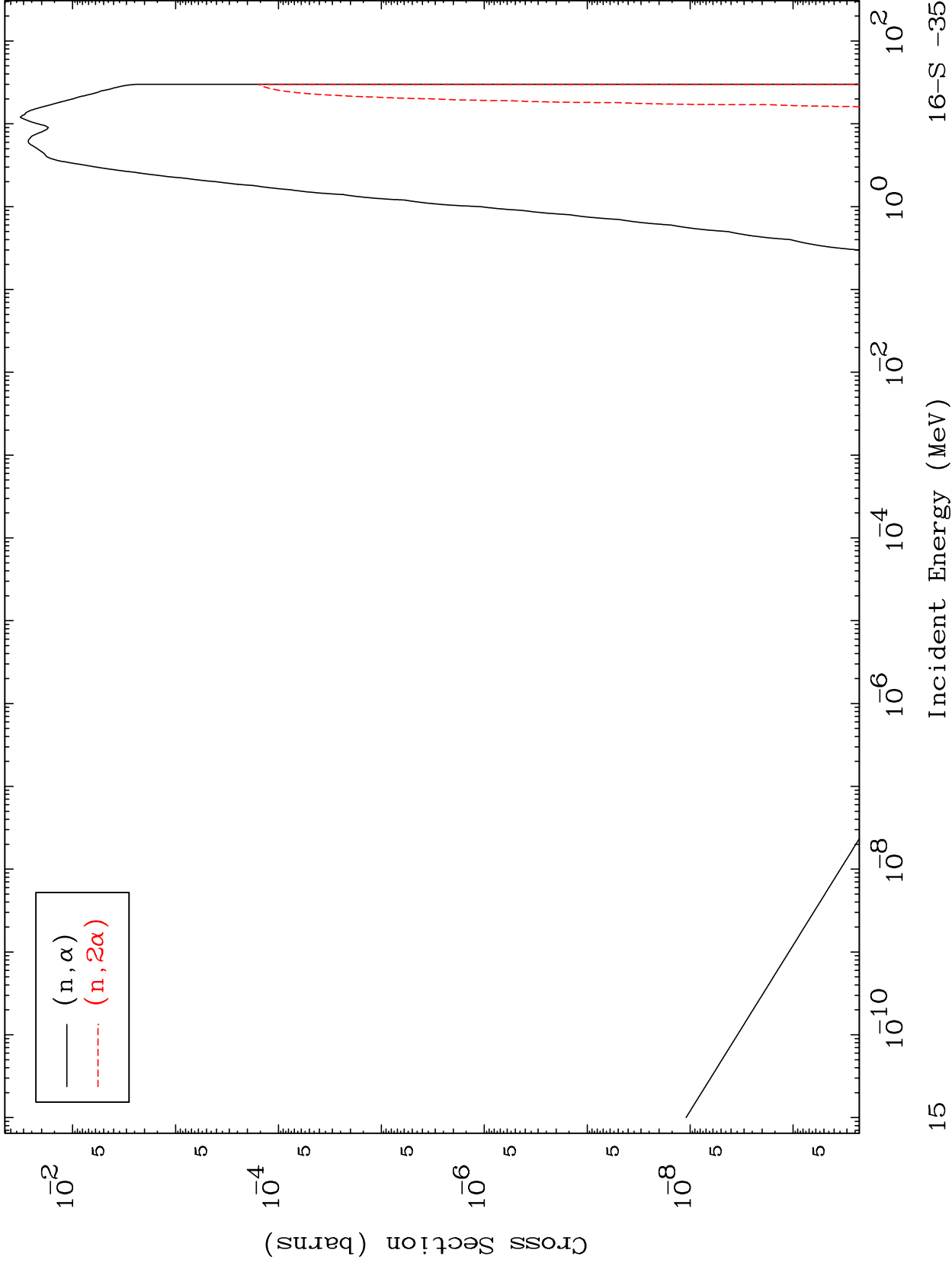
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35

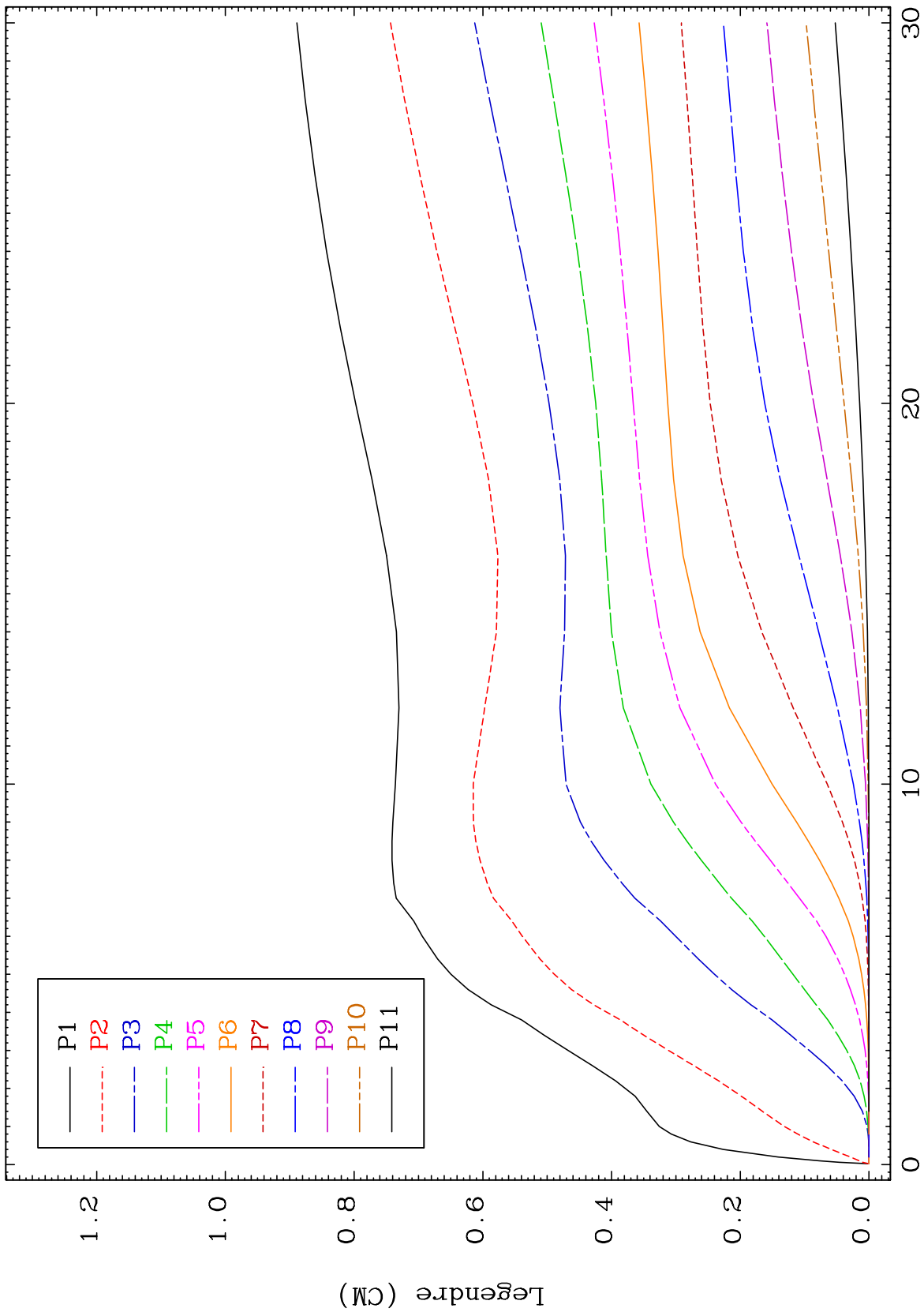


15

MAT 1634

Elastic Legendre Coefficients

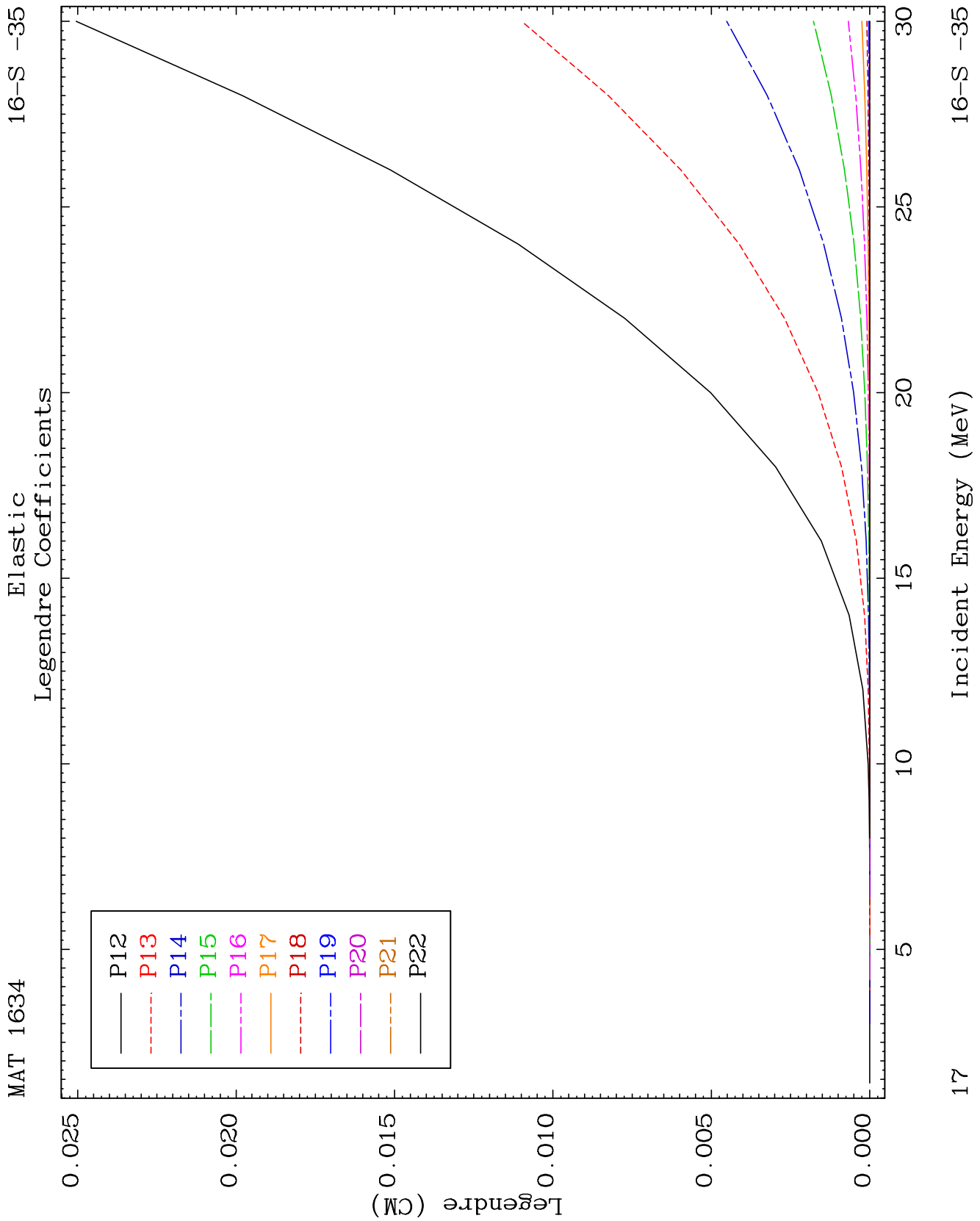
16-S -35



16

Incident Energy (MeV)

16-S -35



MAT 1634

Elastic Legendre Coefficients

16-S -35

17

Incident Energy (MeV)

16-S -35

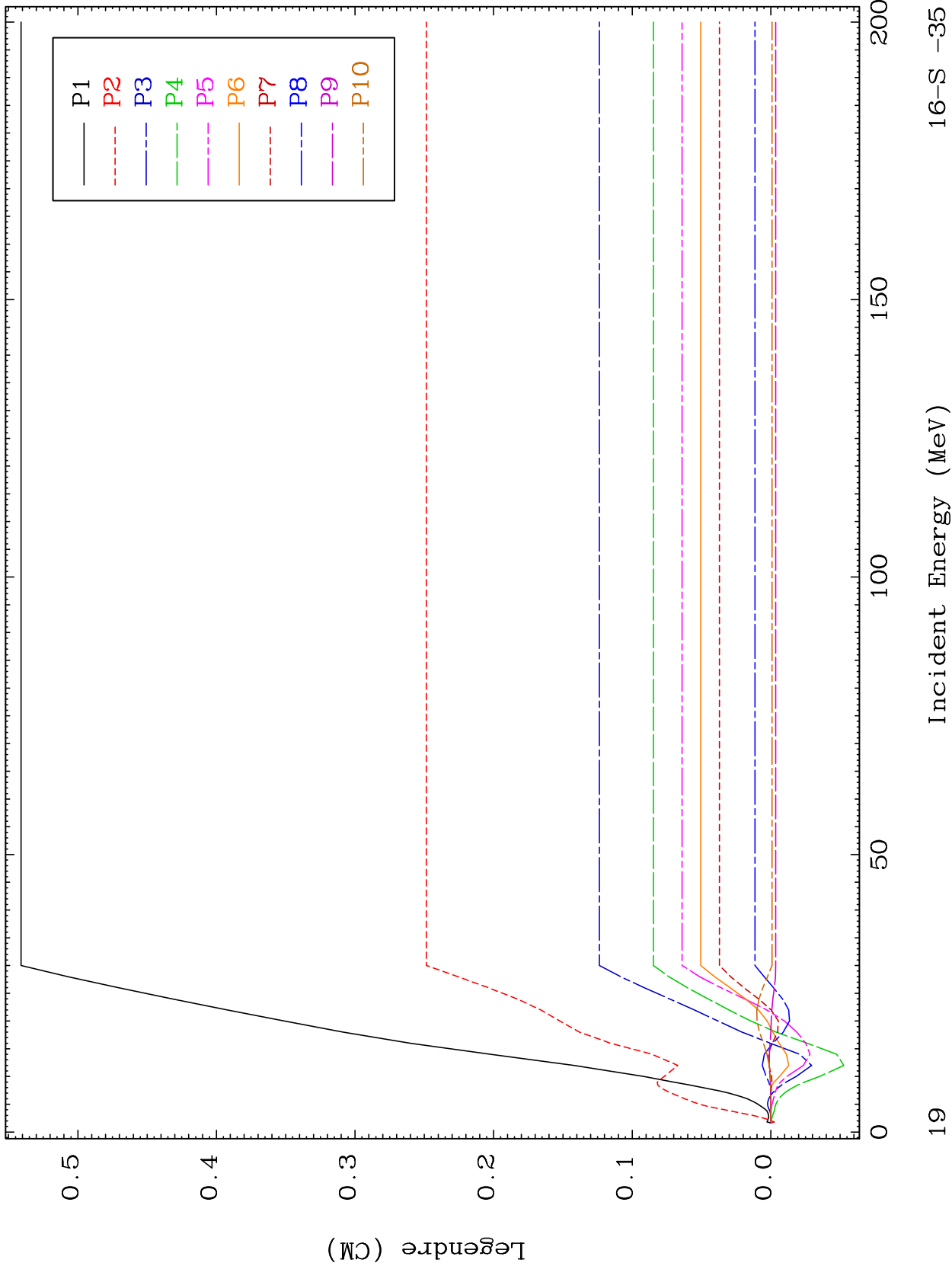


MAT 1634

MT= 51 (n,n') Level

16-S -35

Legendre Coefficients



19

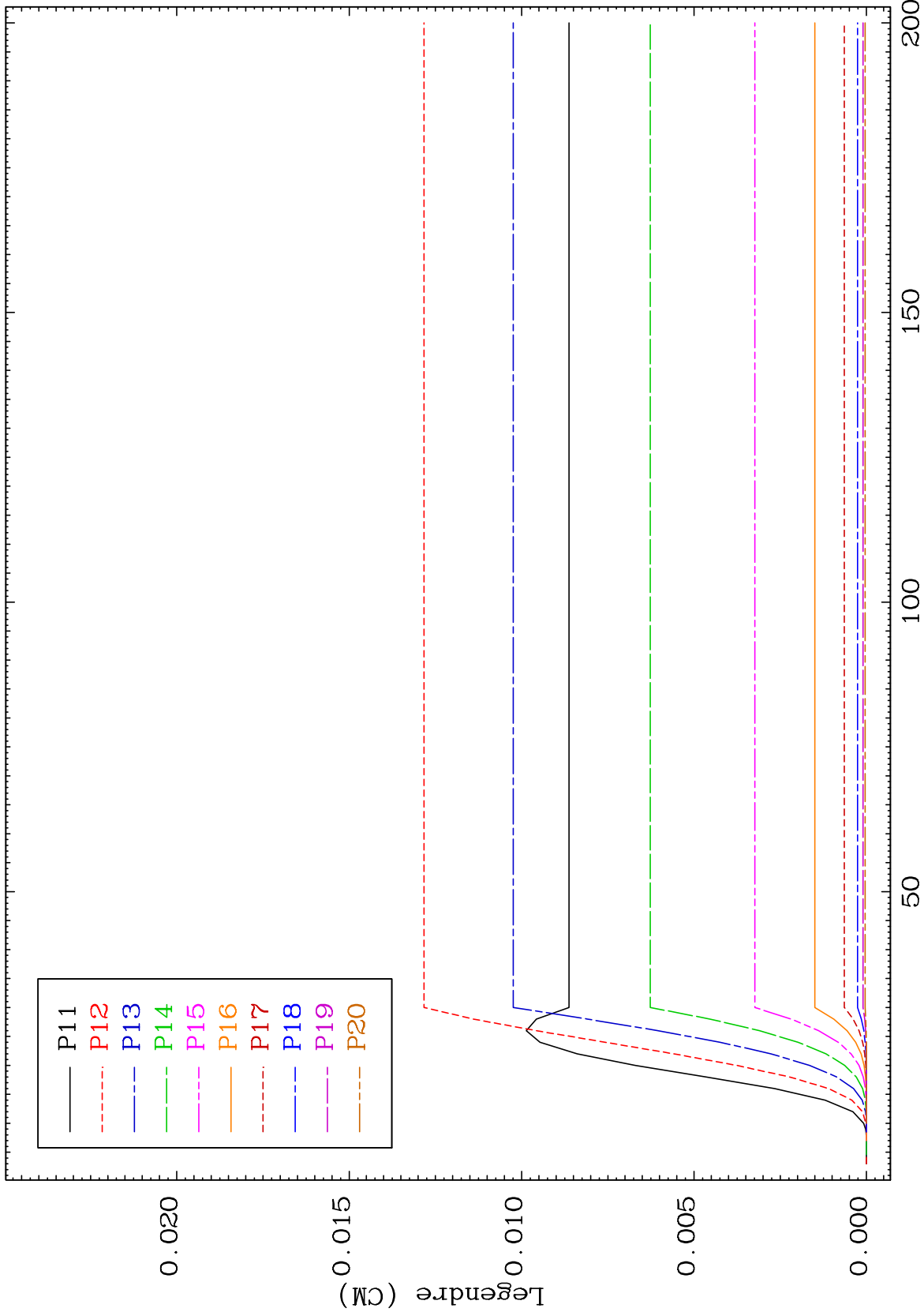
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



20

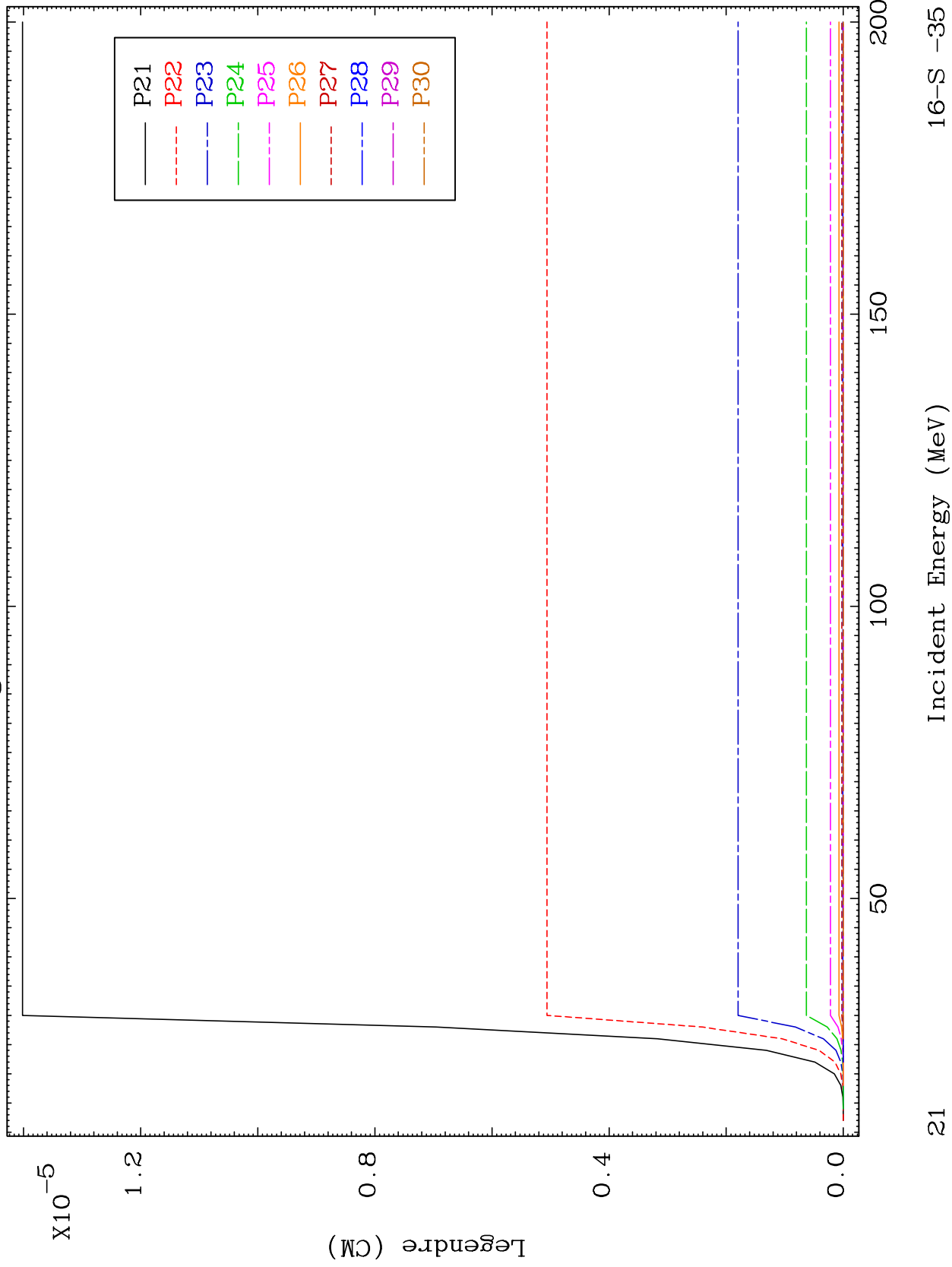
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



21

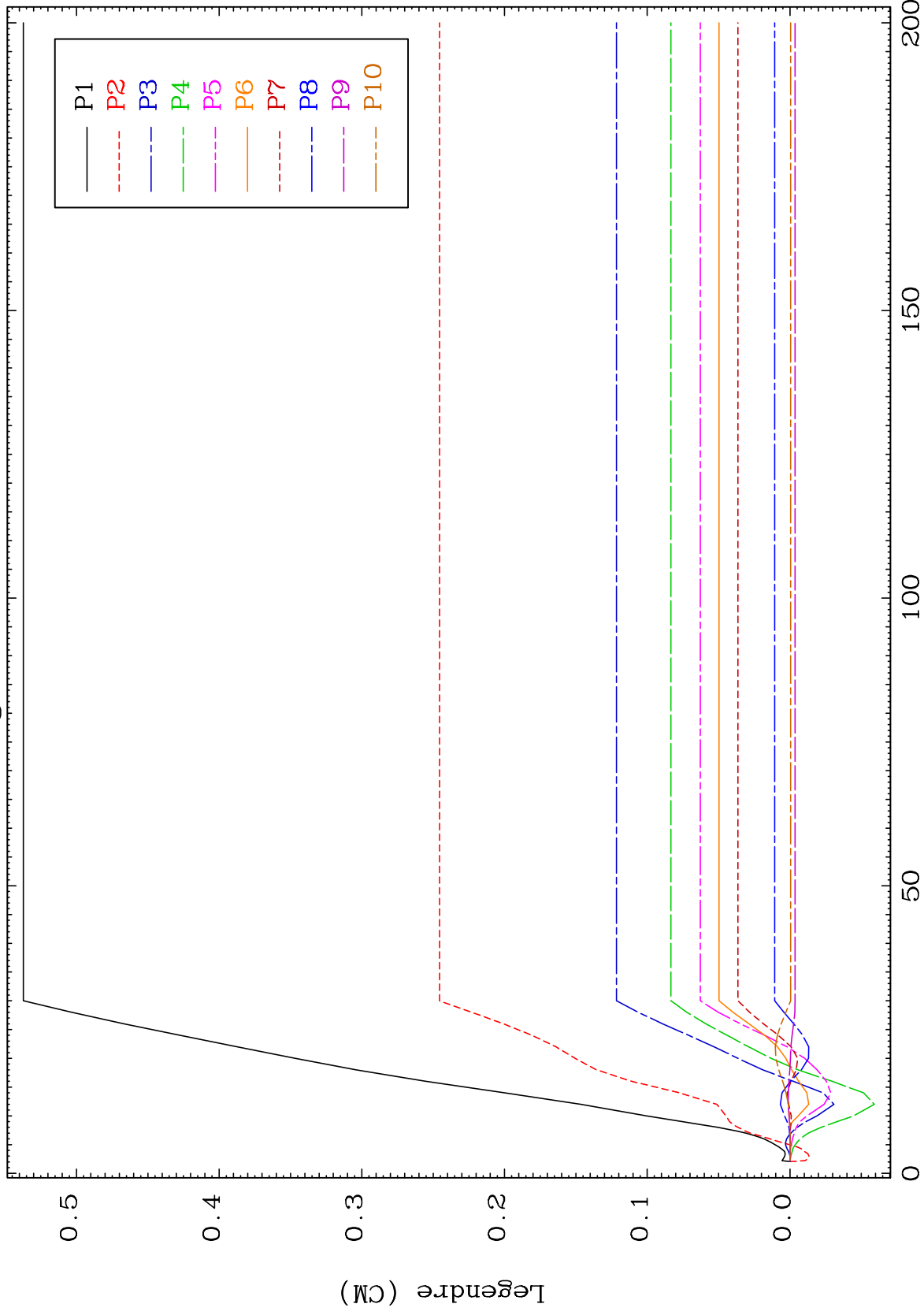
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



22

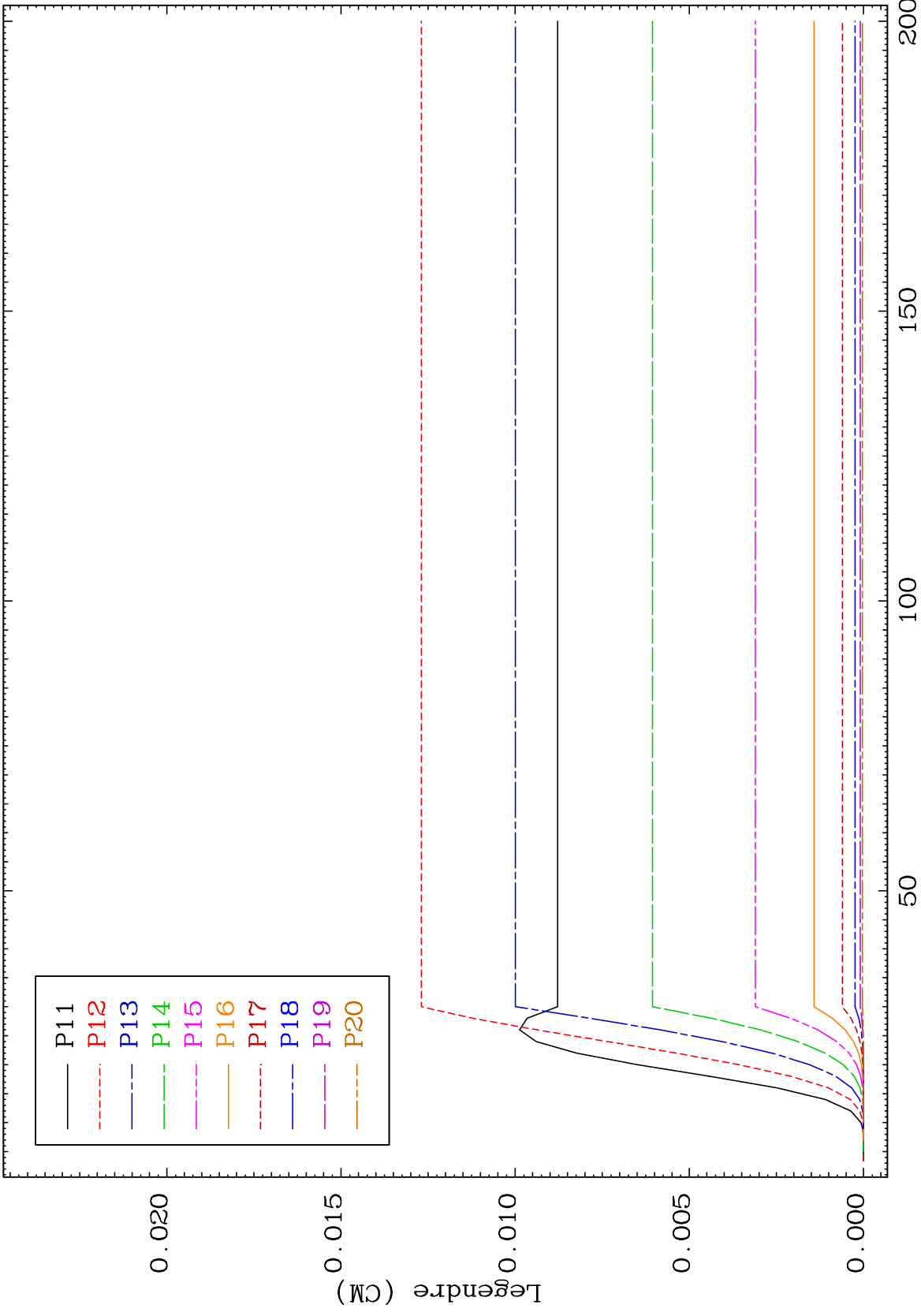
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



23

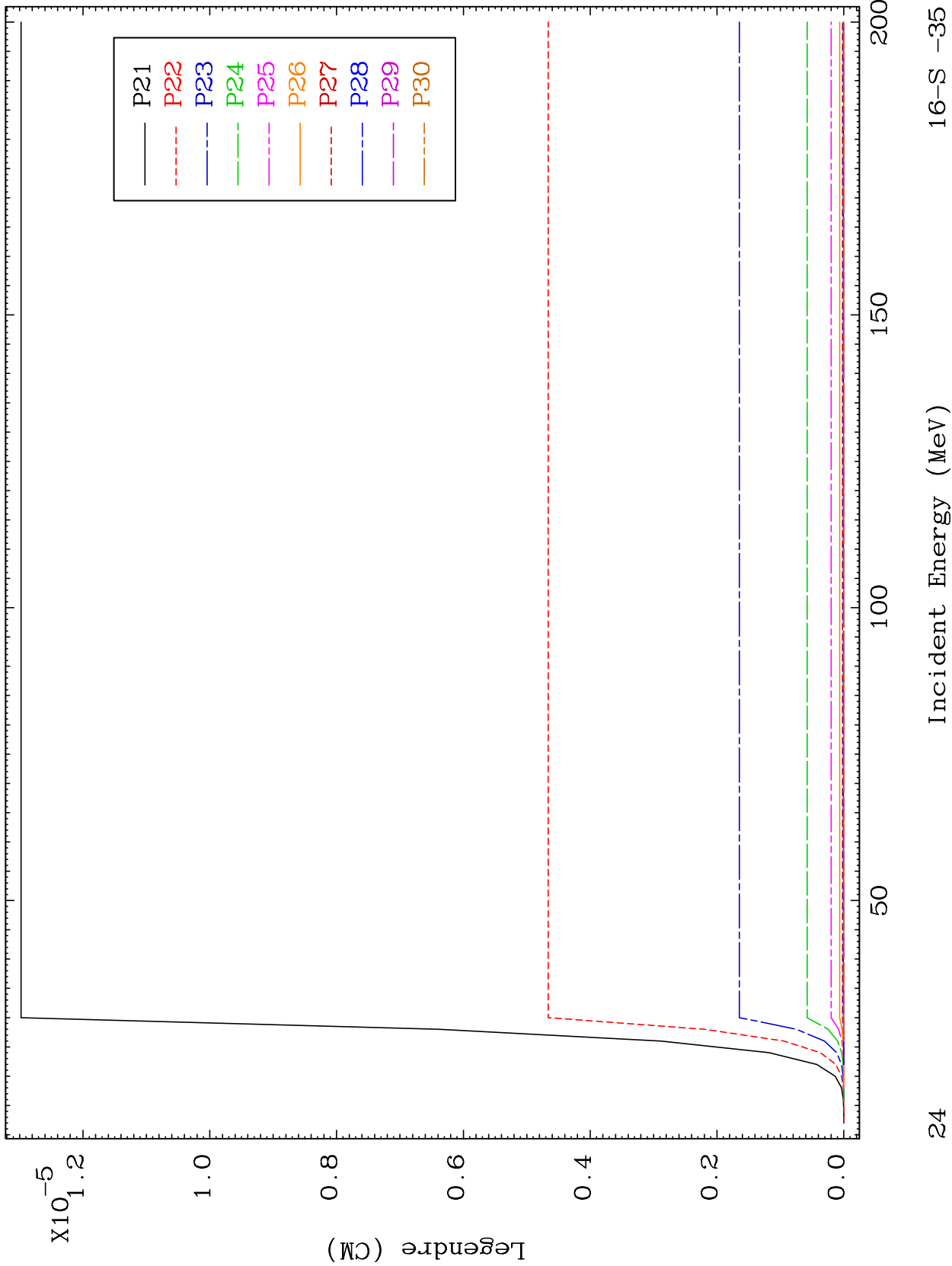
Incident Energy (MeV)

16-S -35

MAT 1634

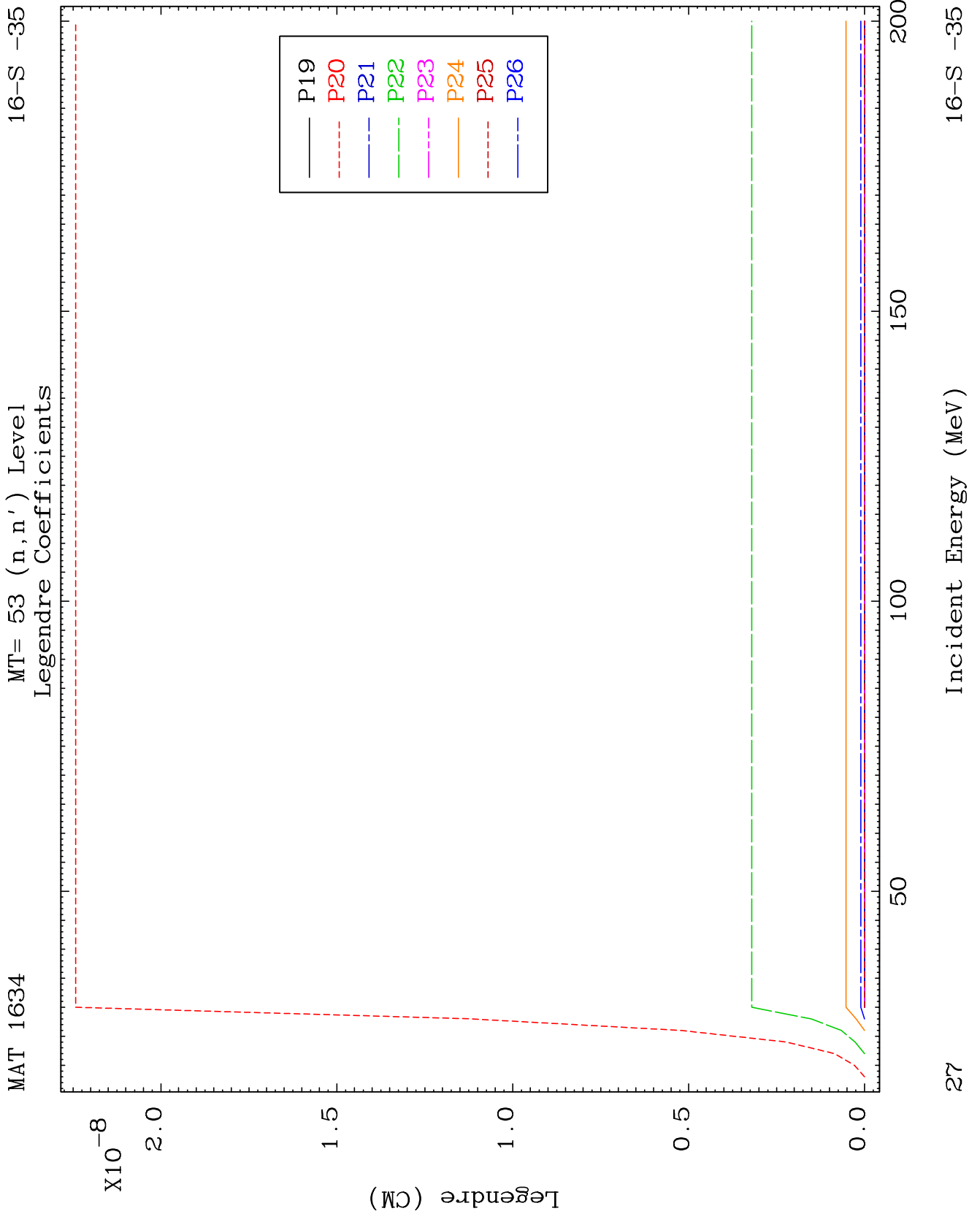
MT= 52 (n,n') Level  
Legendre Coefficients

16-S -35





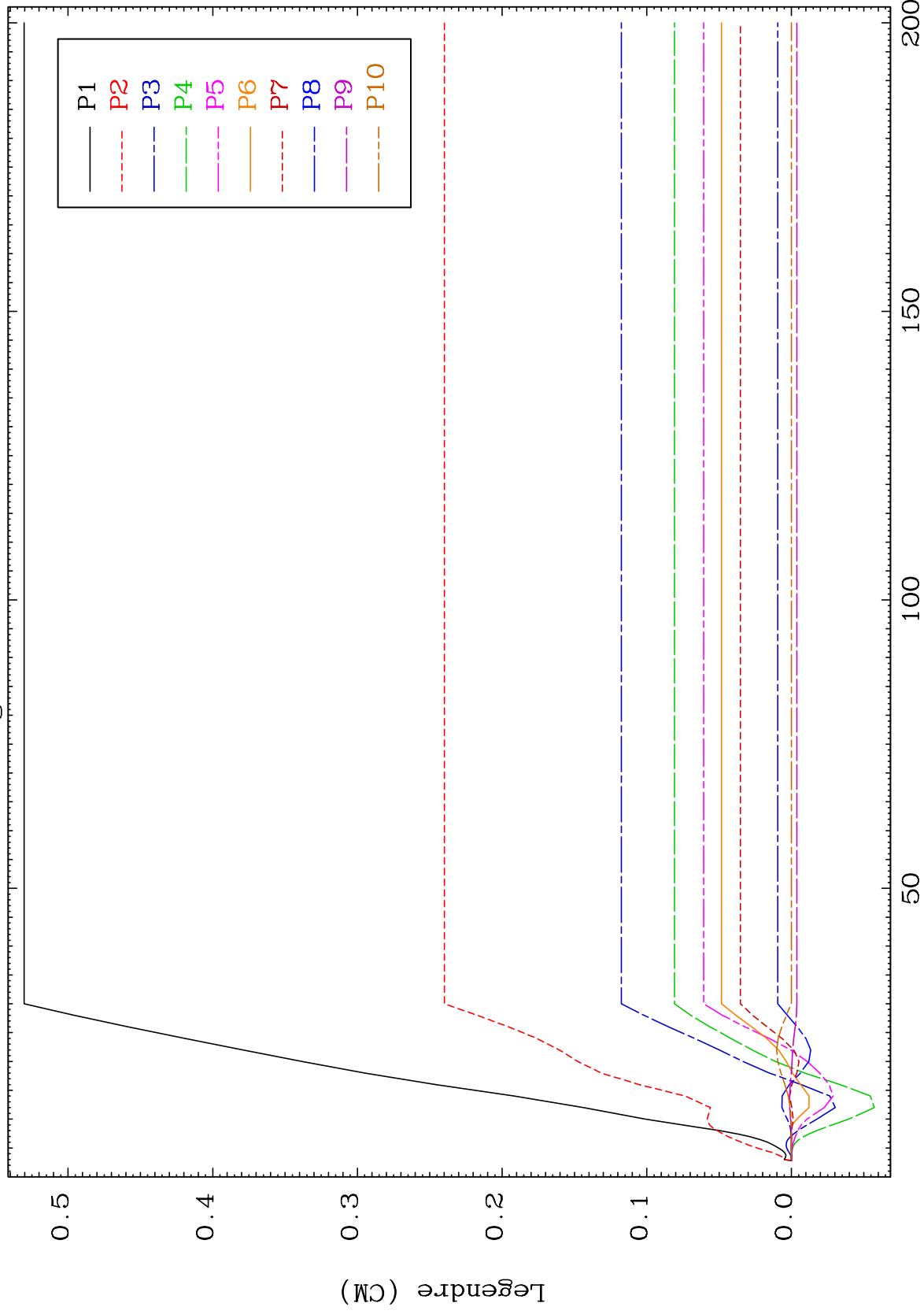




MAT 1634

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

16-S -35



28

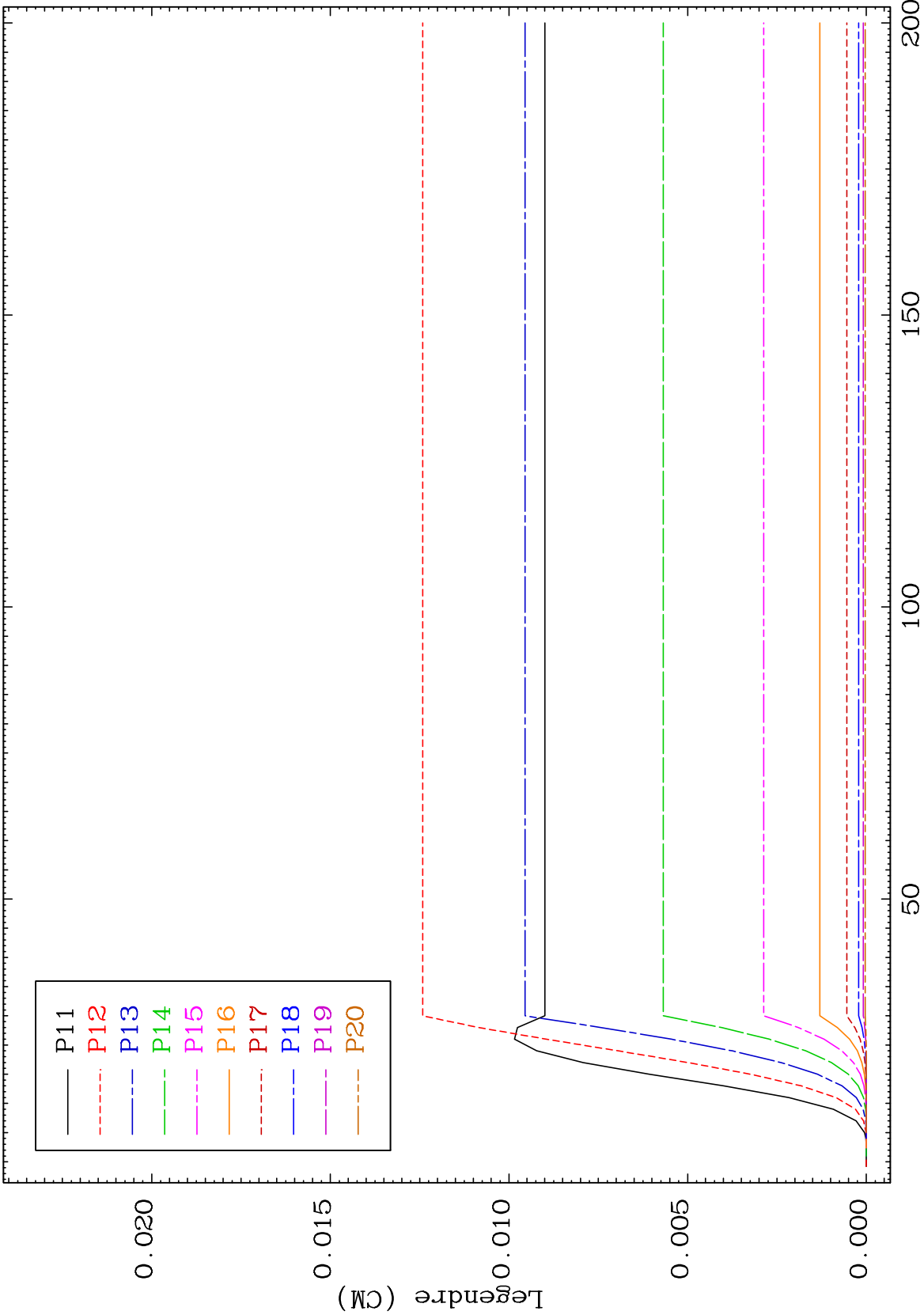
Incident Energy (MeV)

16-S -35

MAT 1634

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

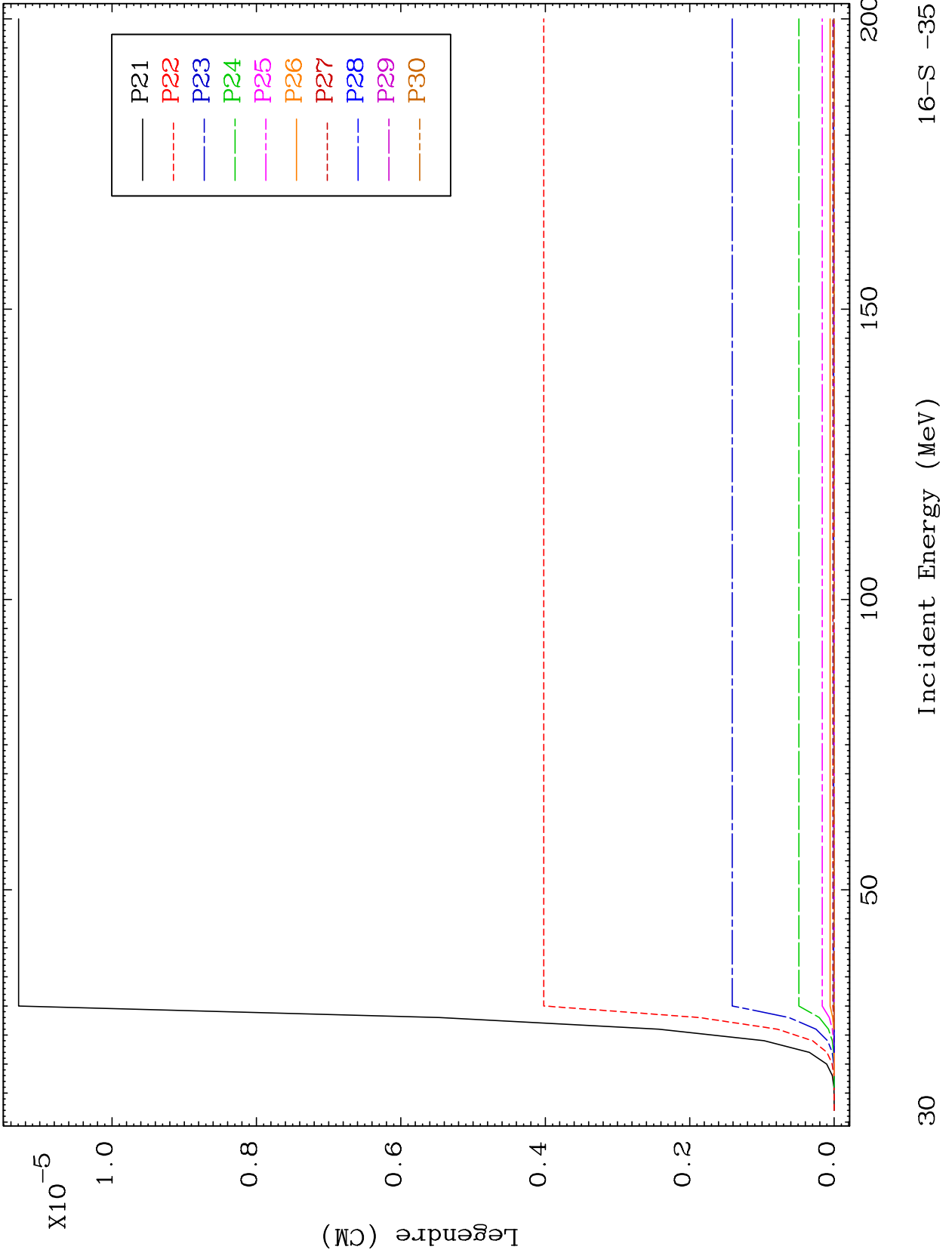
16-S -35



MAT 1634

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

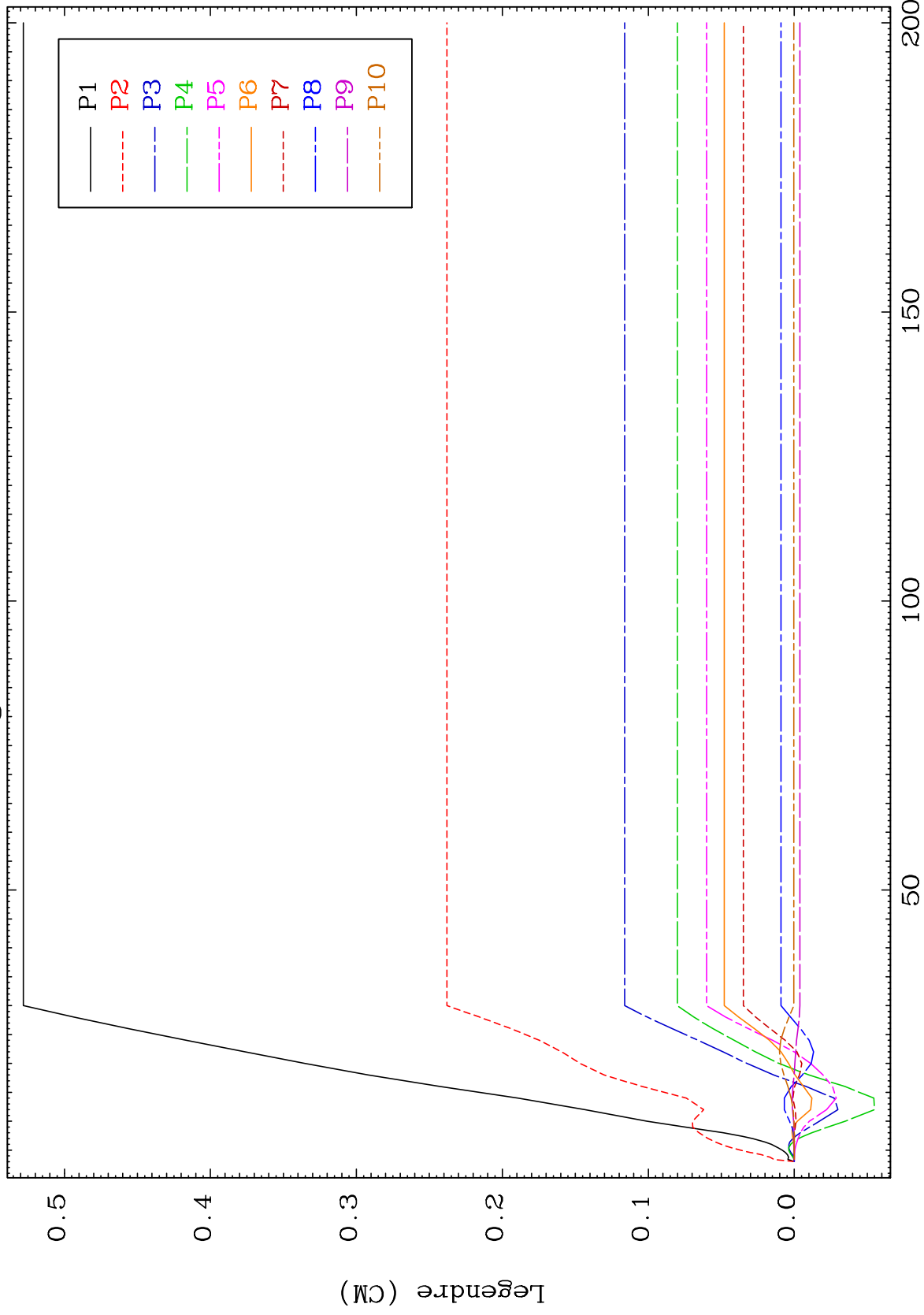
16-S -35



MAT 1634

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

16-S -35



31

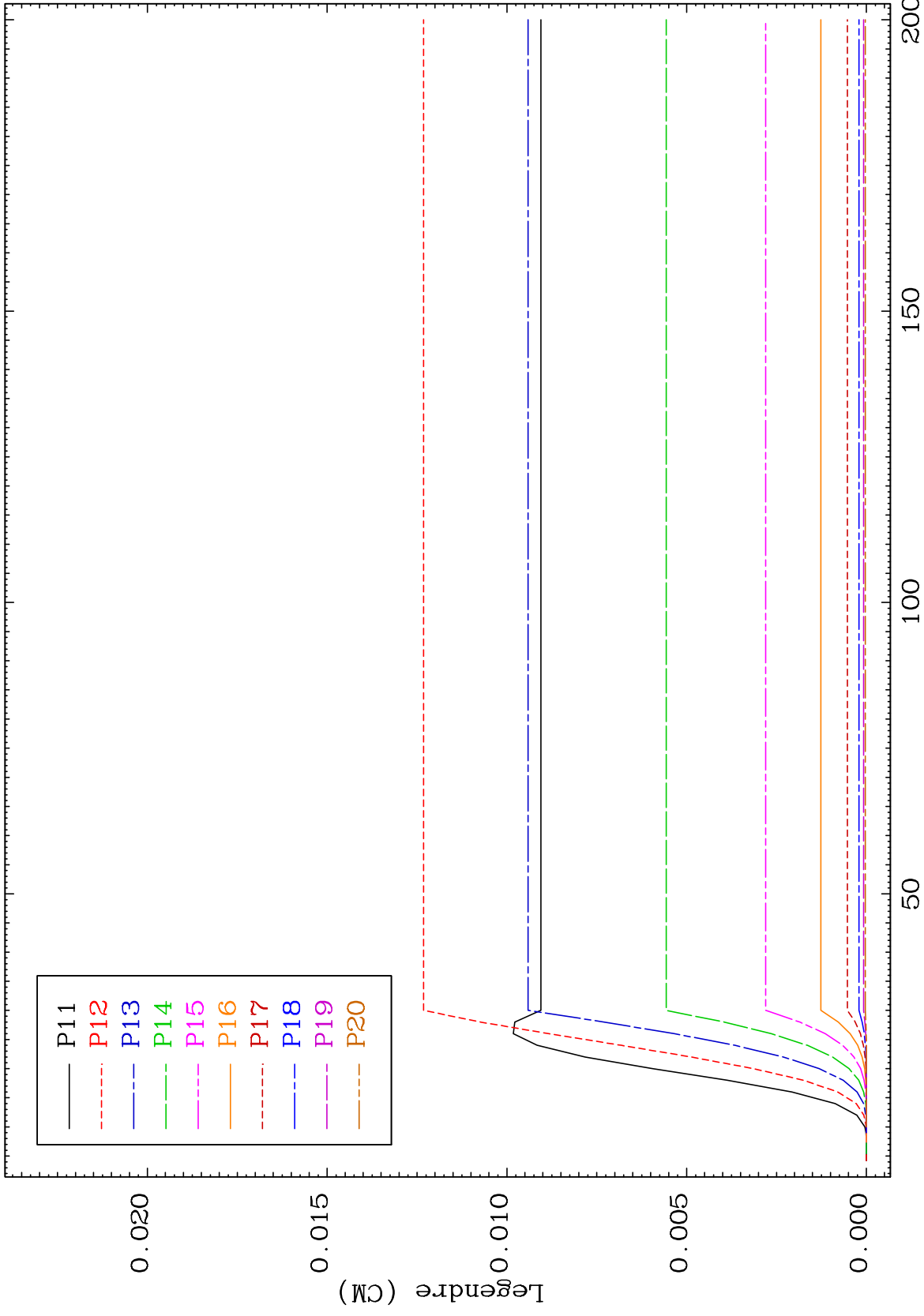
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



32

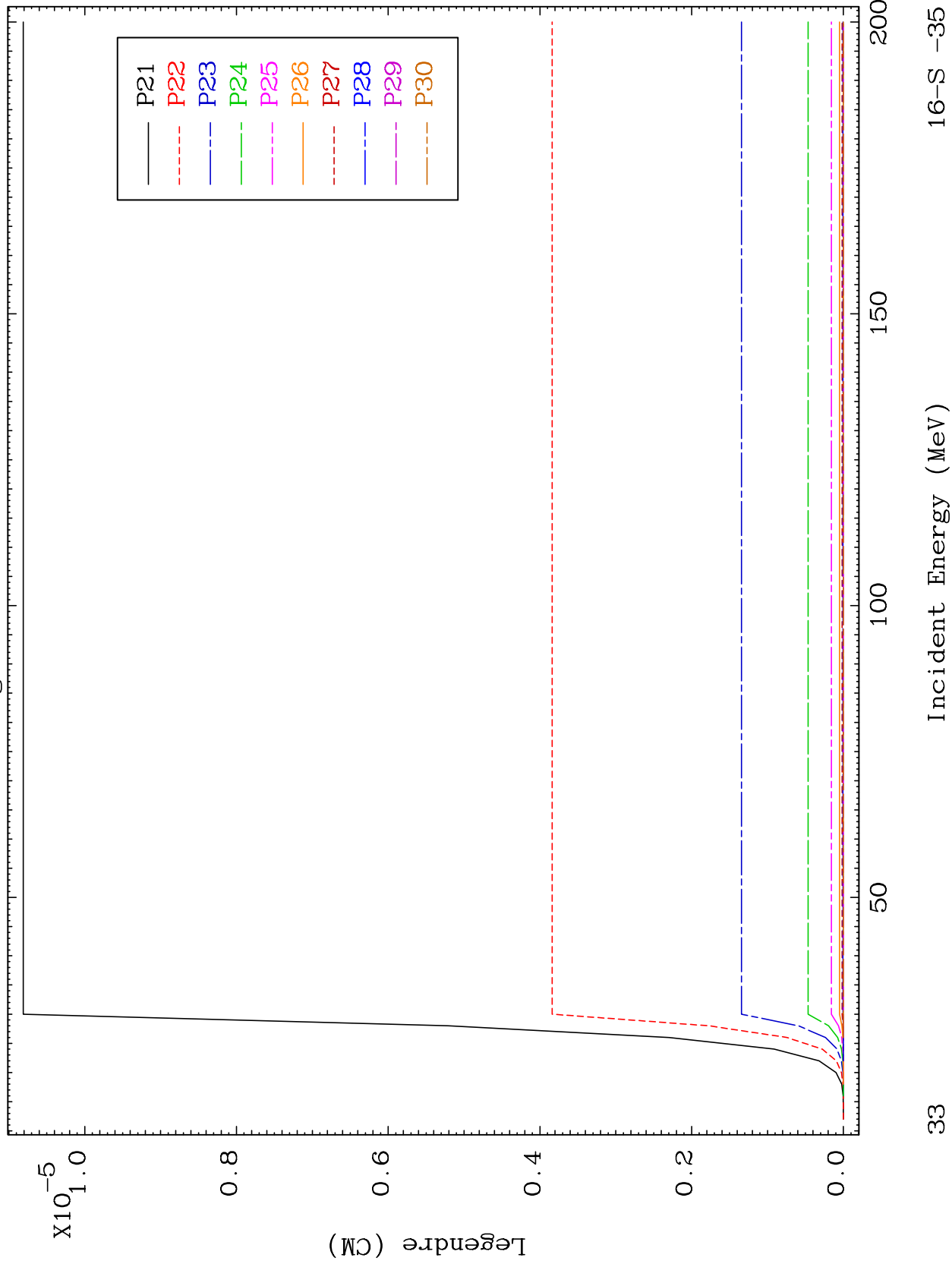
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



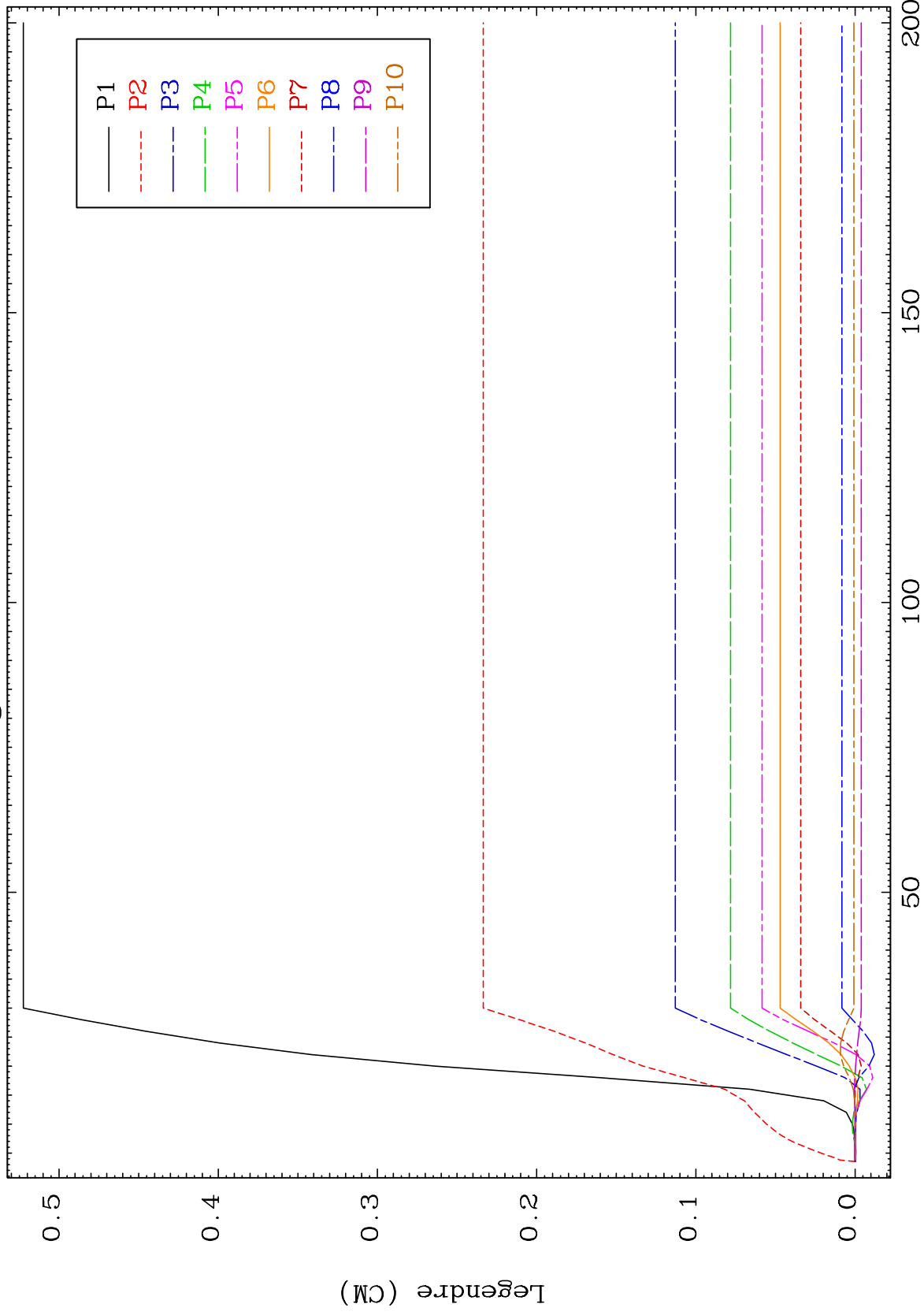
33

16-S -35

MAT 1634

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

16-S -35



34

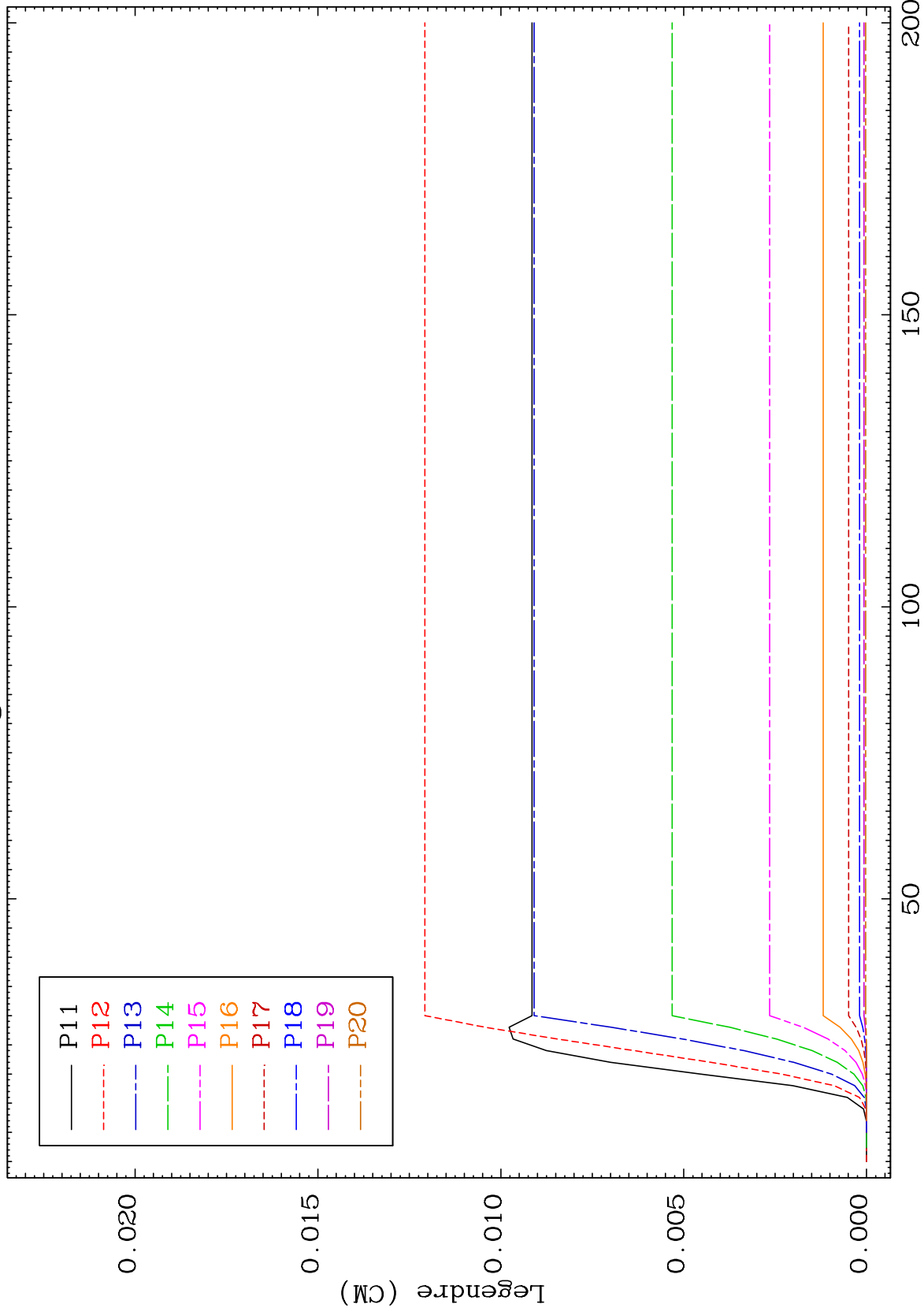
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



35

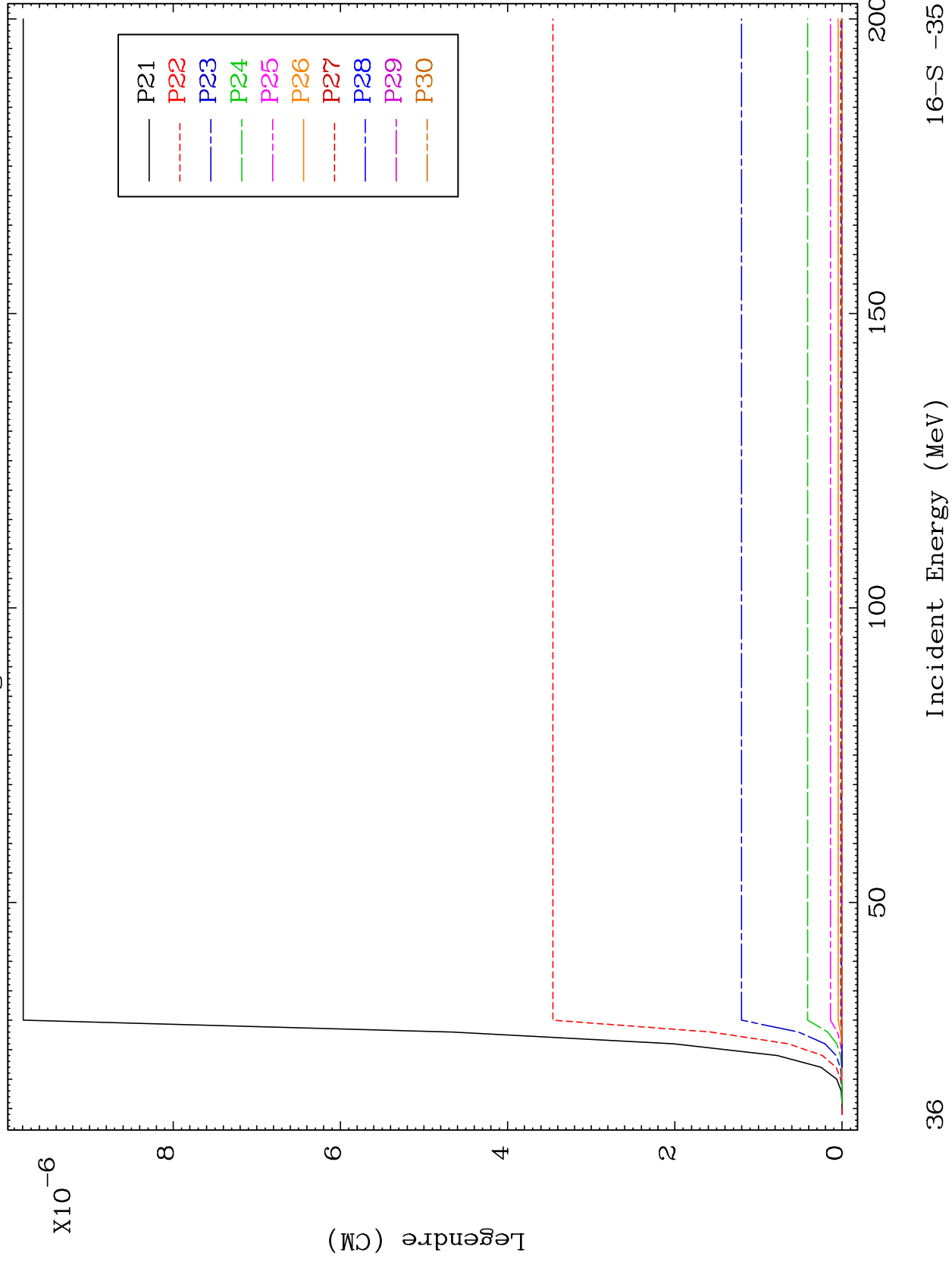
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



36

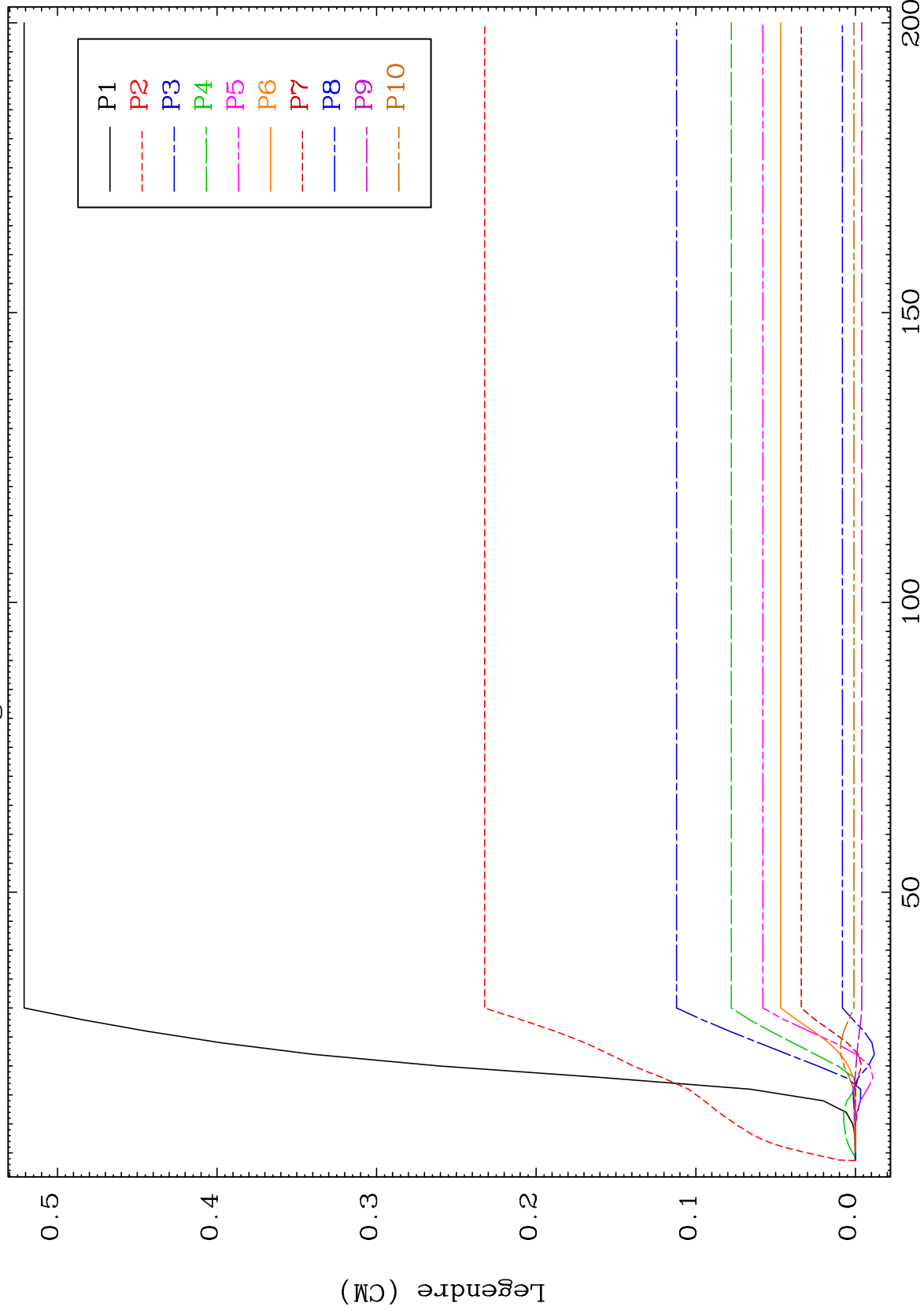
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



37

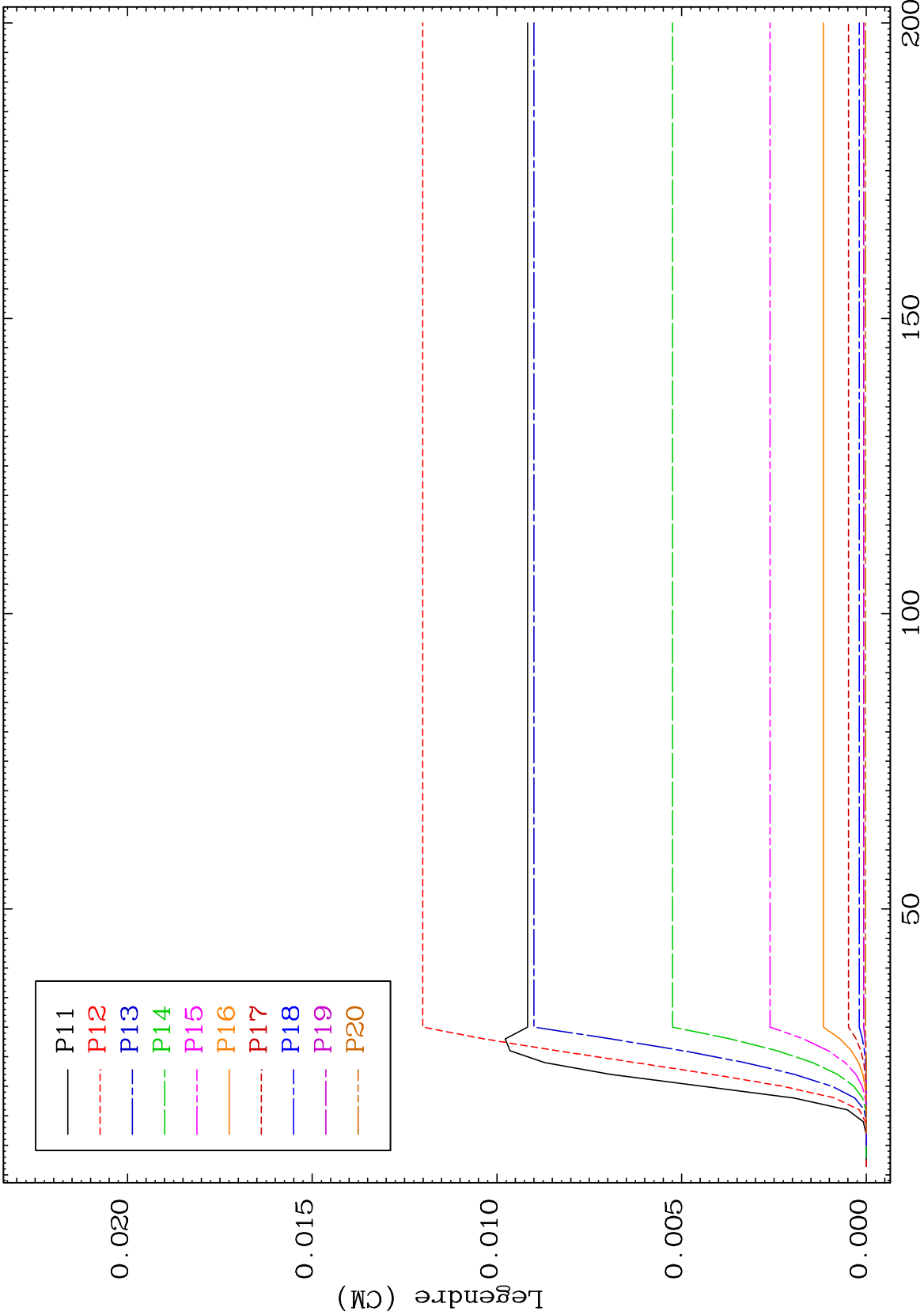
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



38

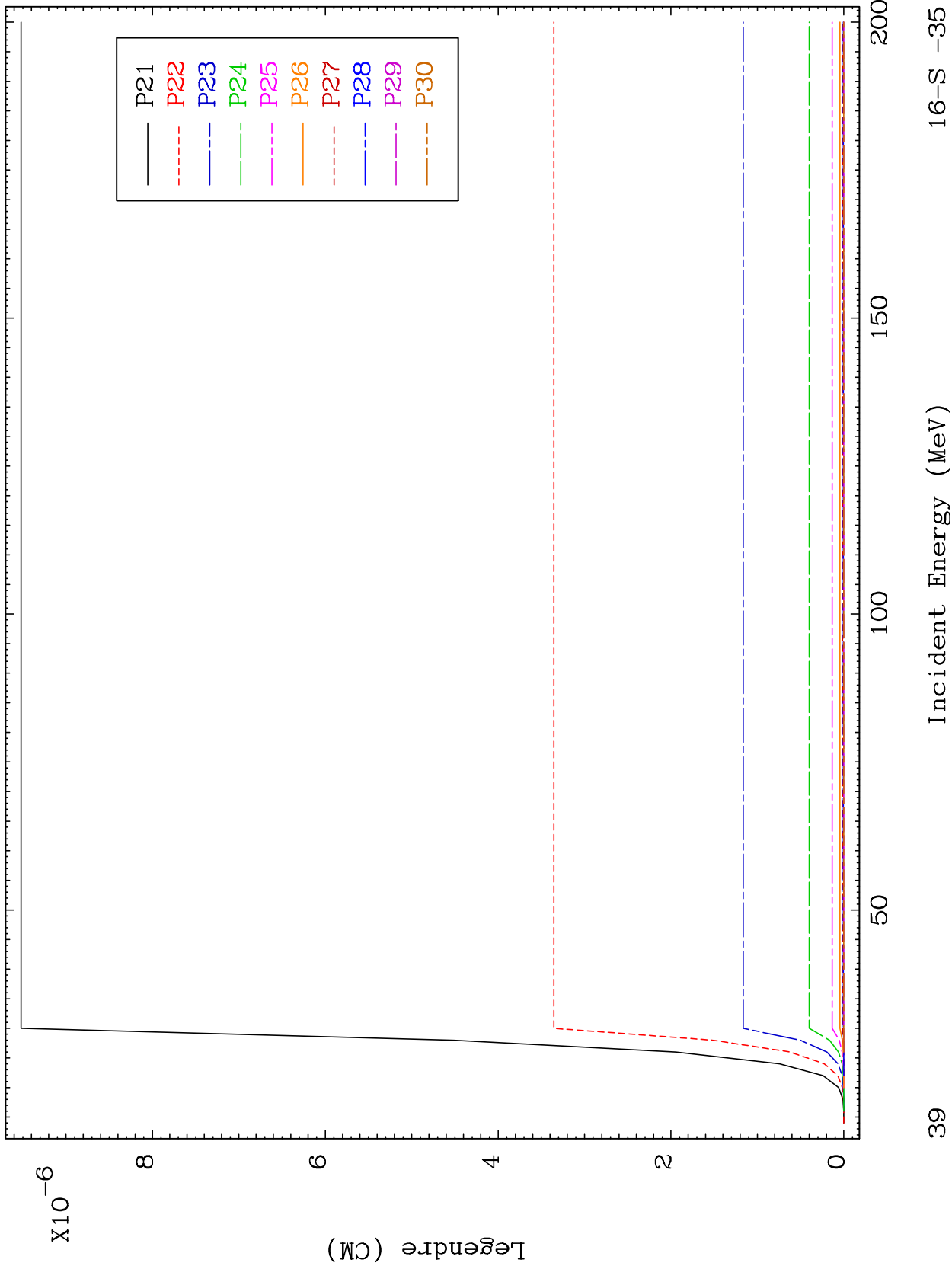
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



39

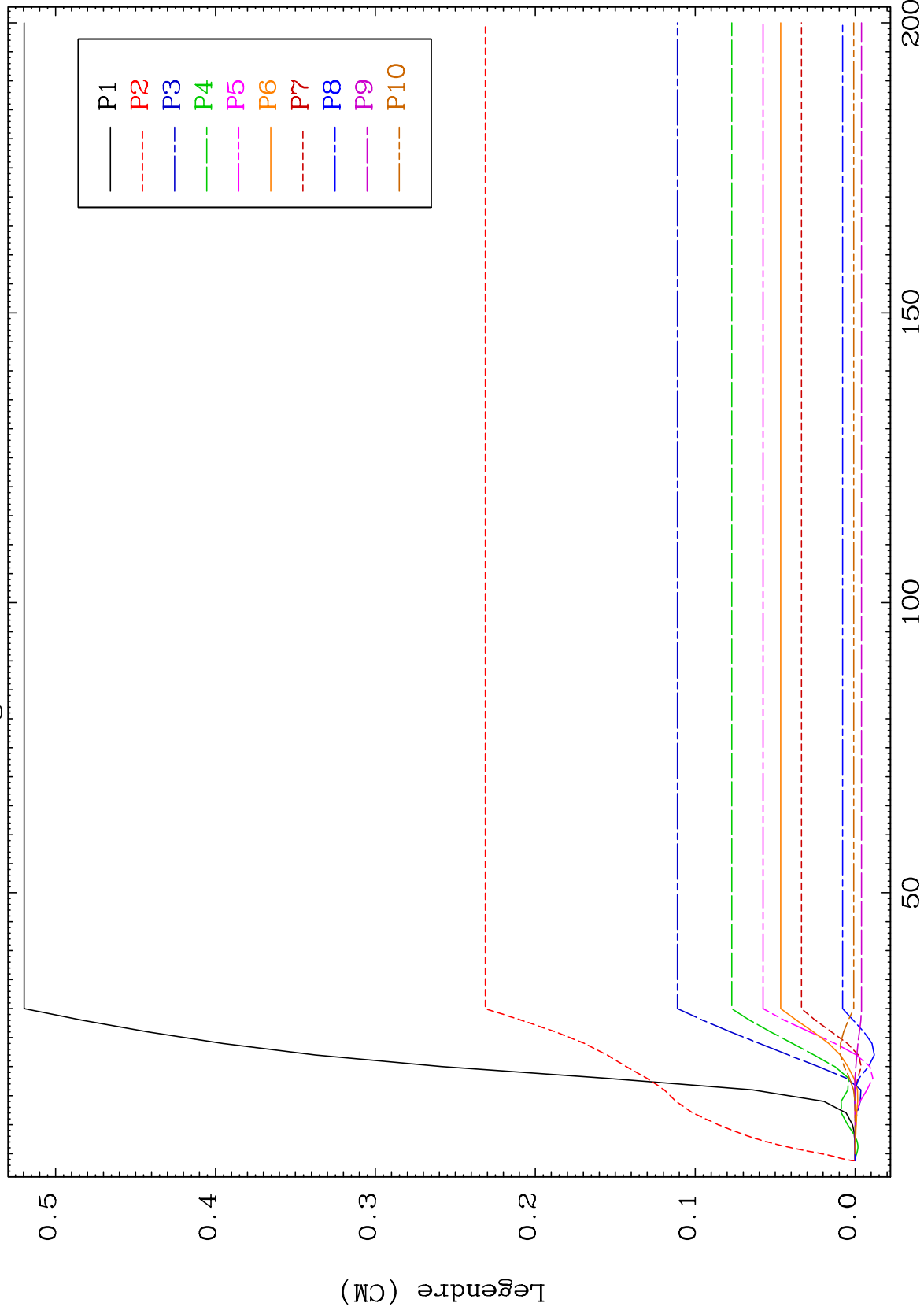
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



40

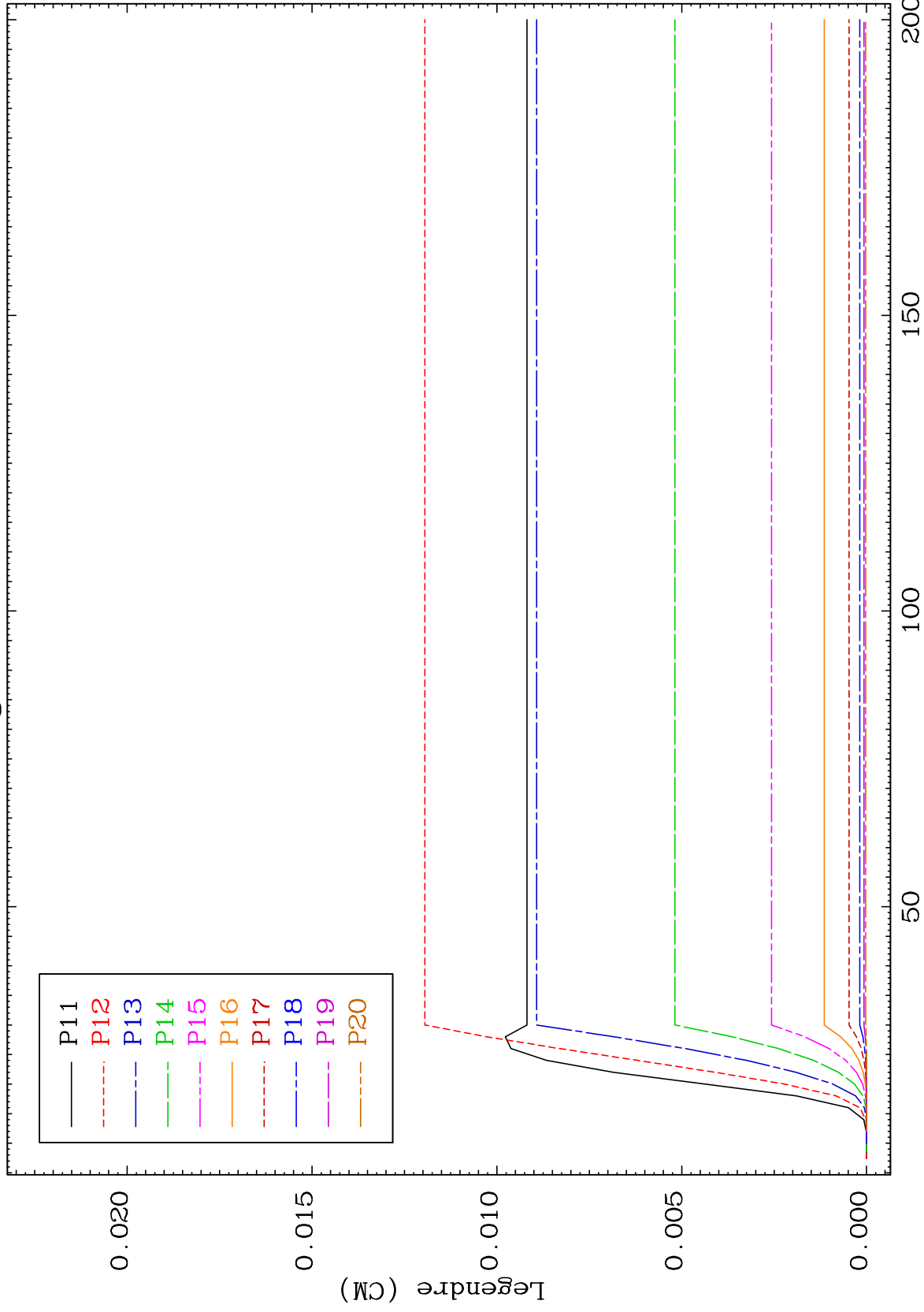
Incident Energy (MeV)

16-S -35

MAT 1634

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

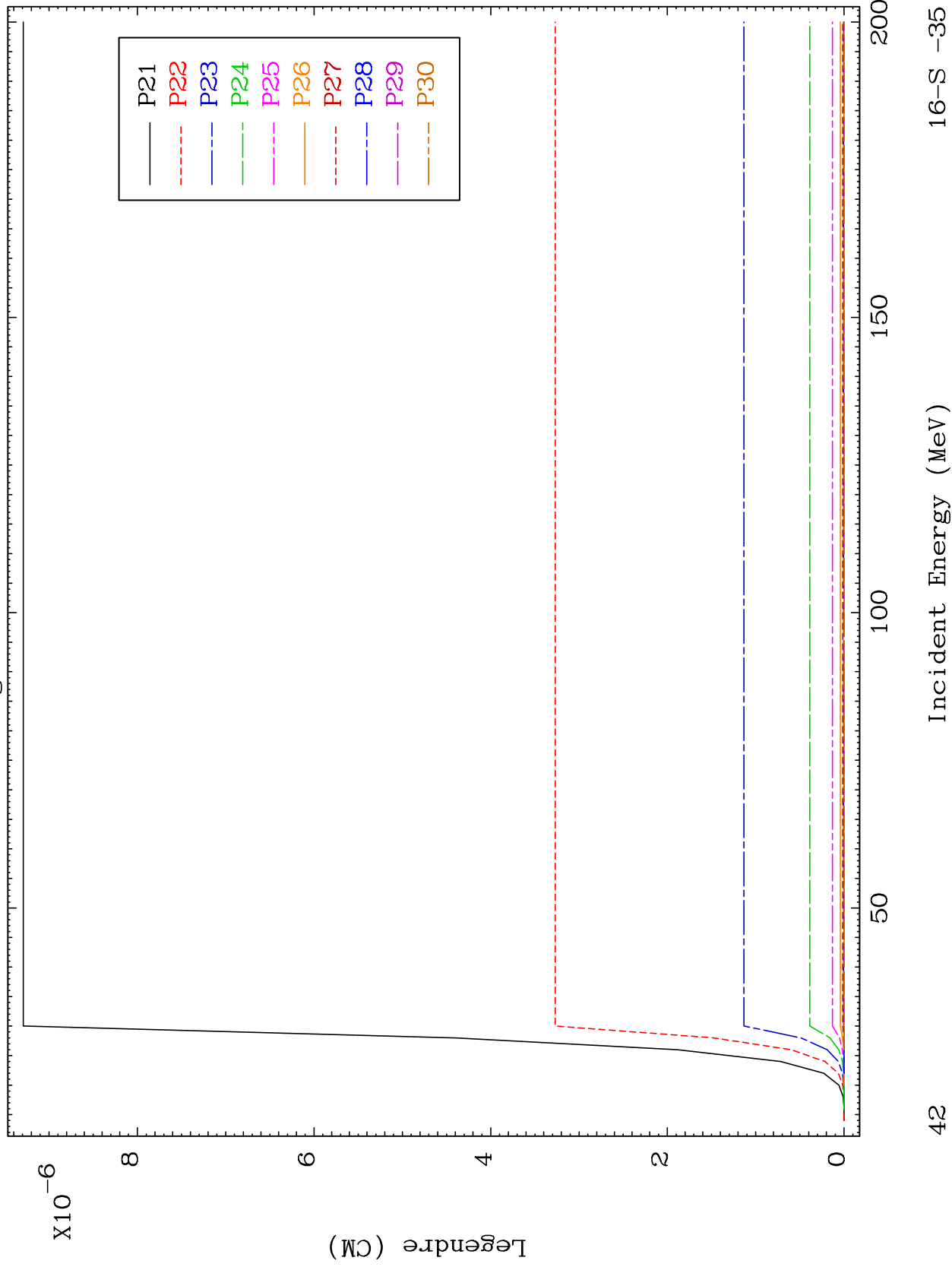
16-S -35



MAT 1634

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

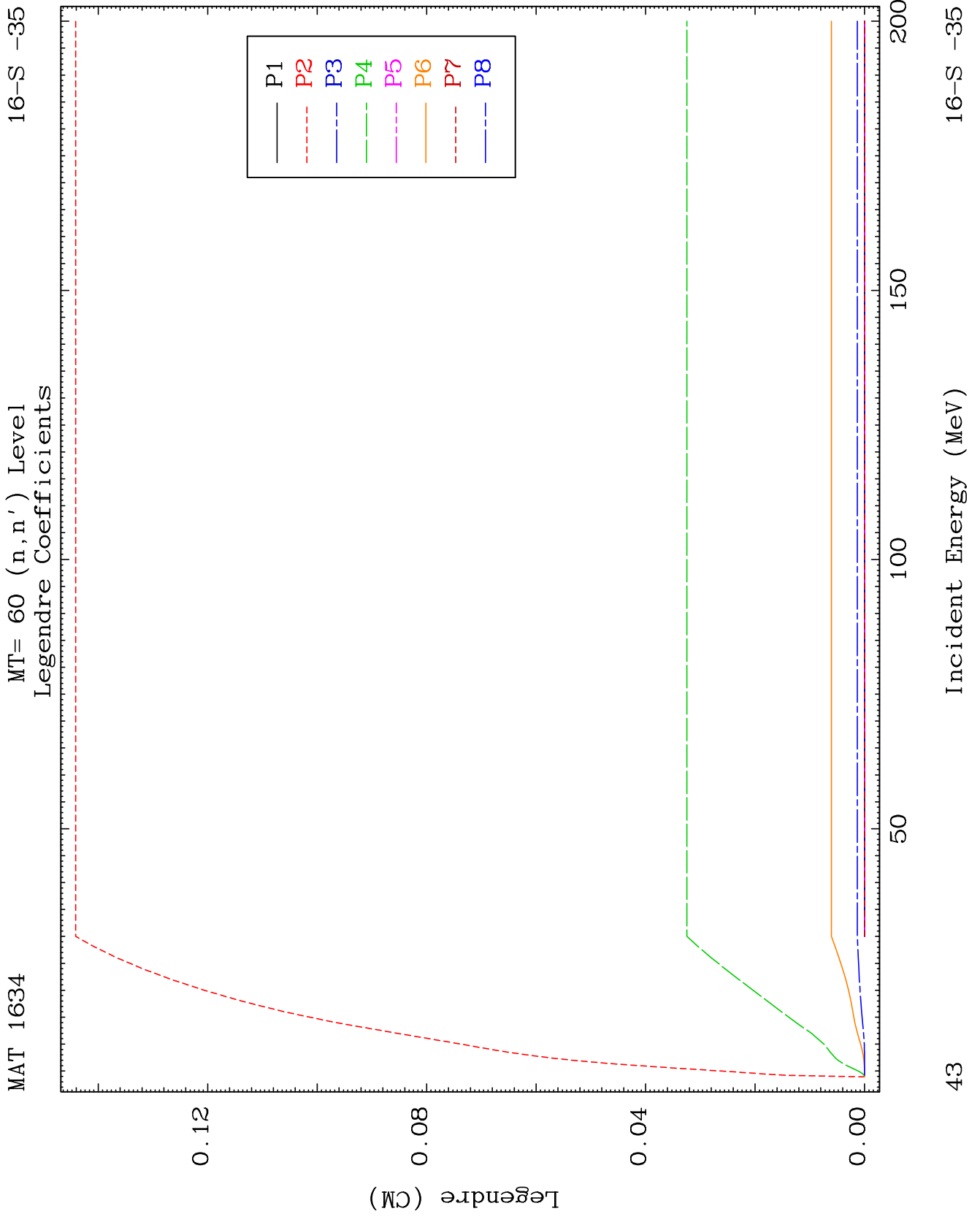
16-S -35

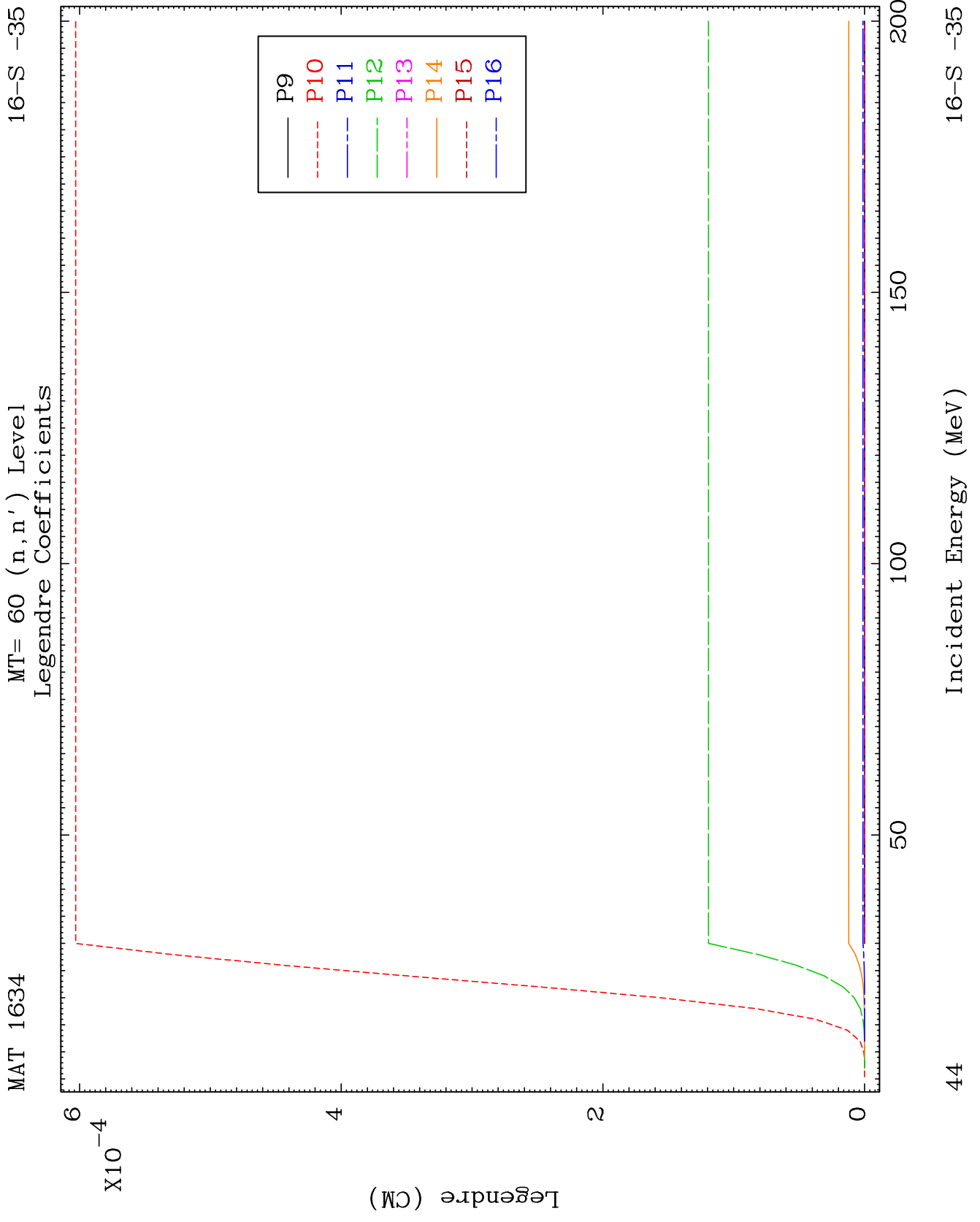


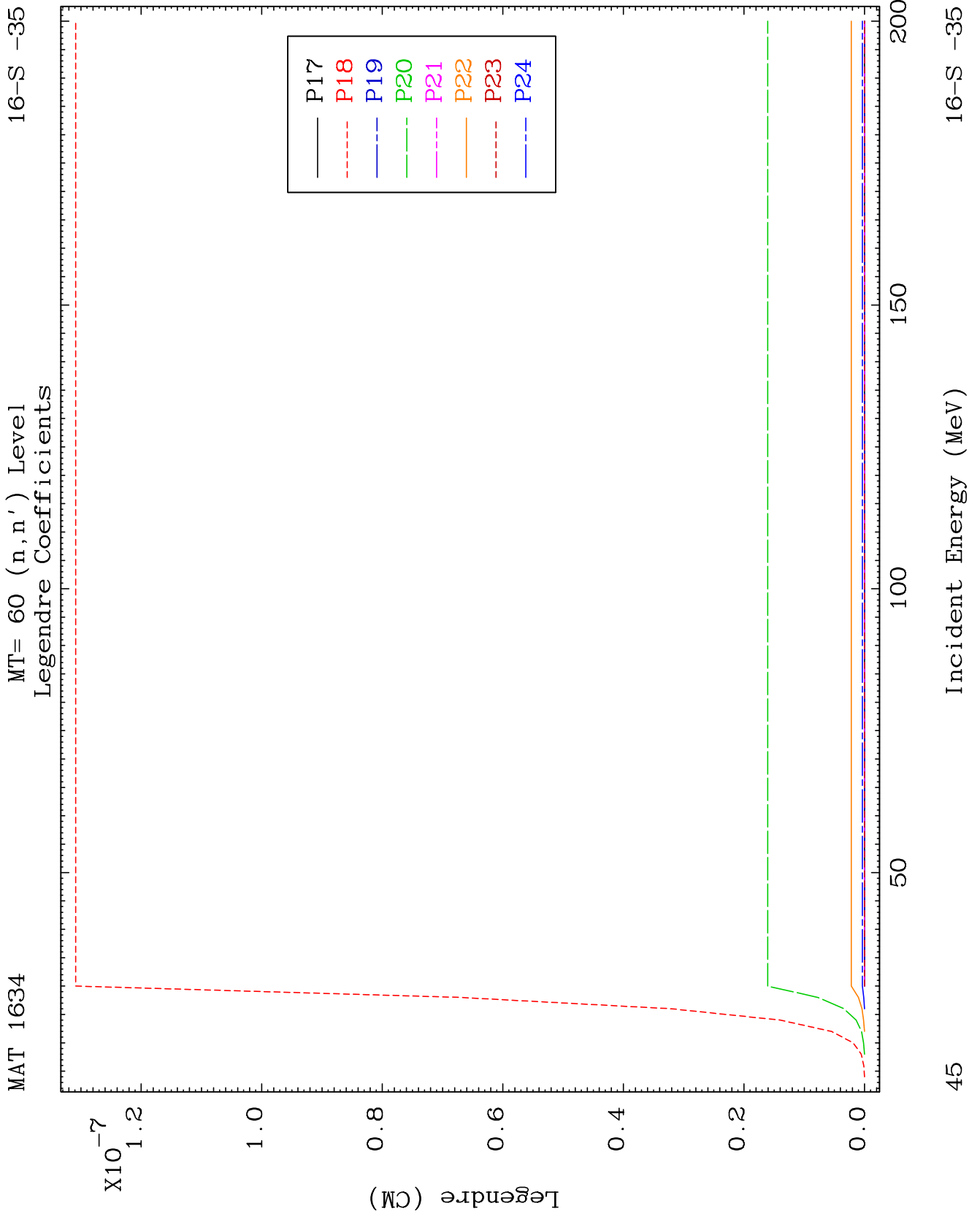
42

Incident Energy (MeV)

16-S -35



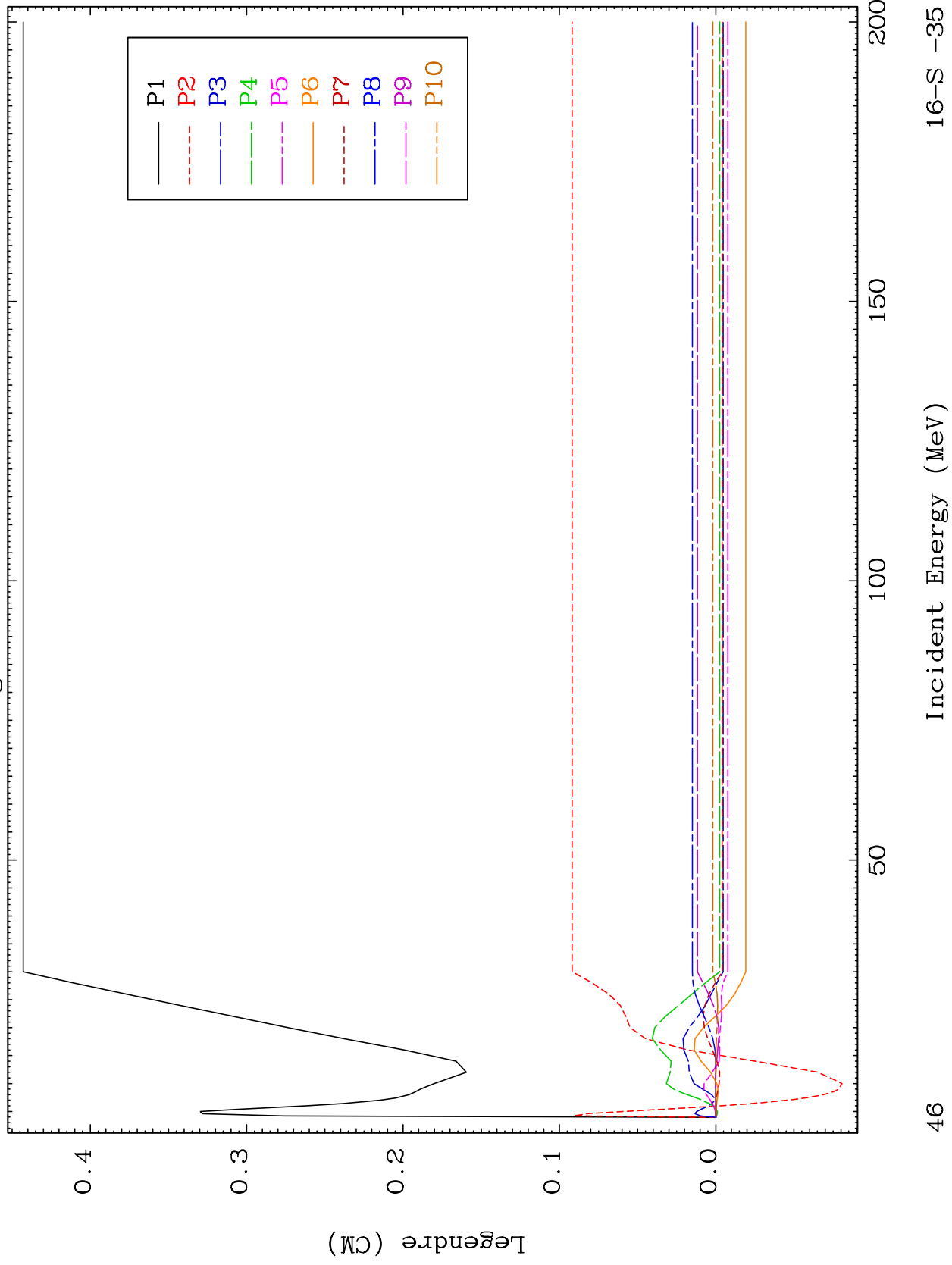




MAT 1634

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

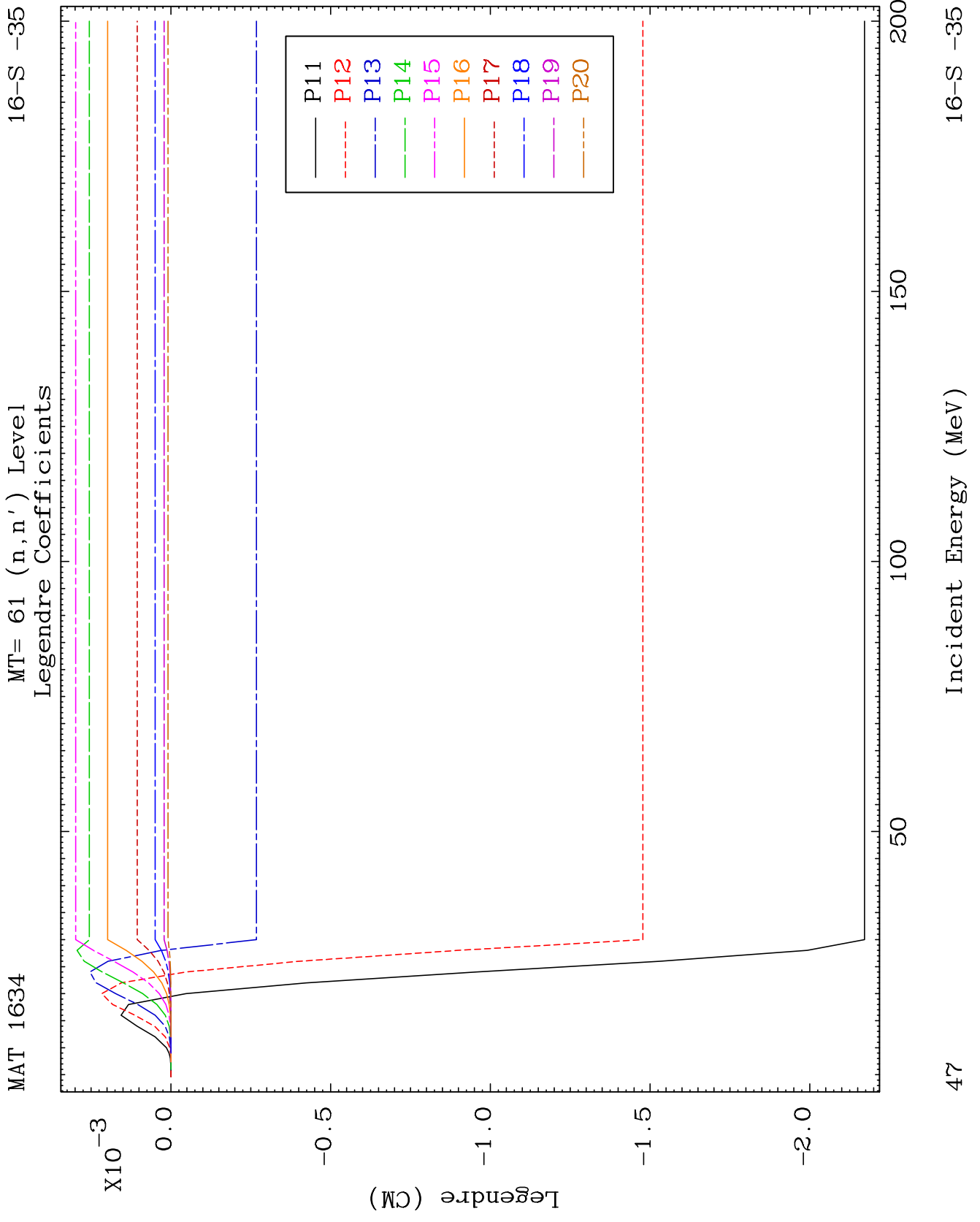
16-S -35



46

Incident Energy (MeV)

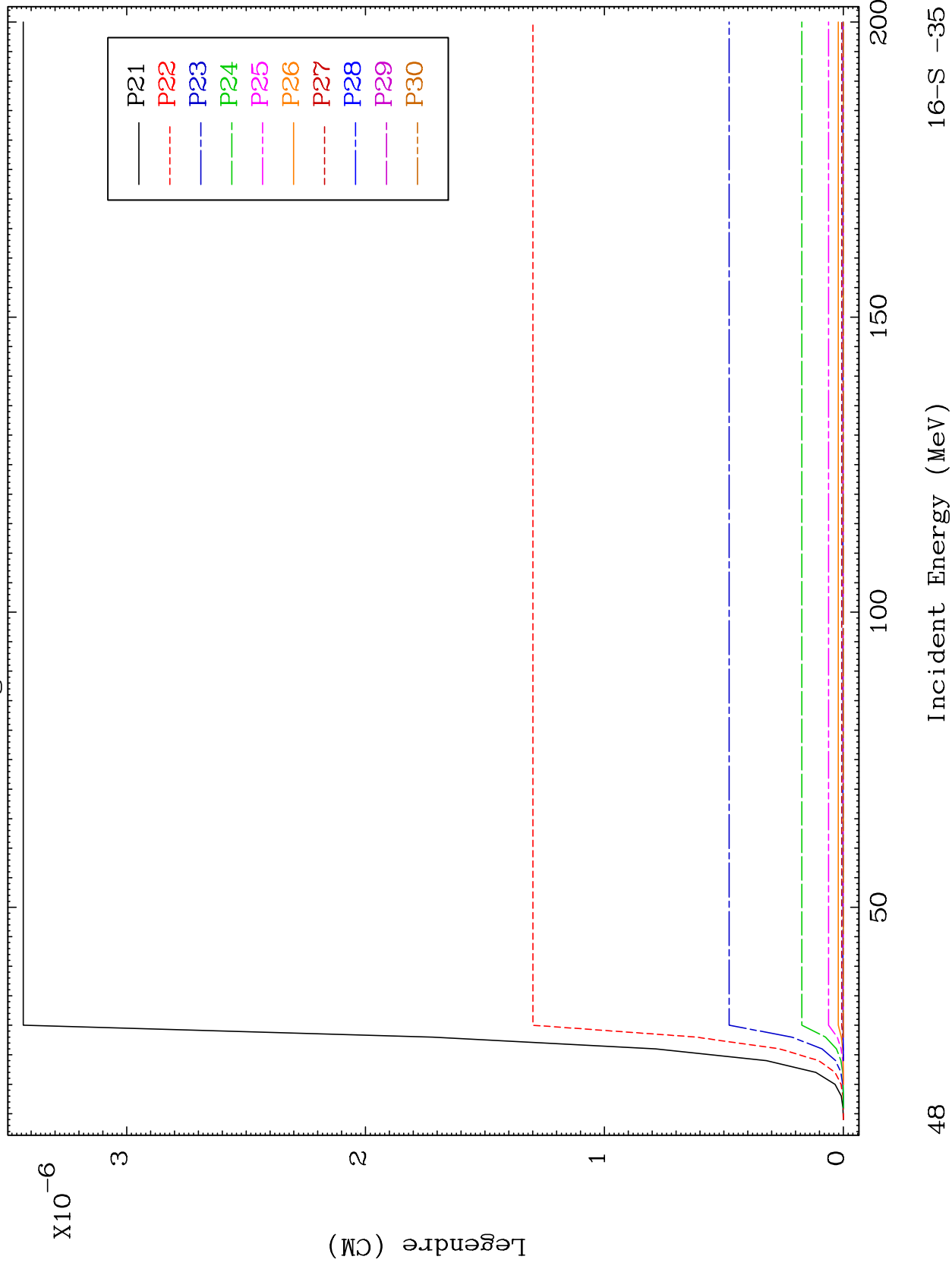
16-S -35



MAT 1634

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

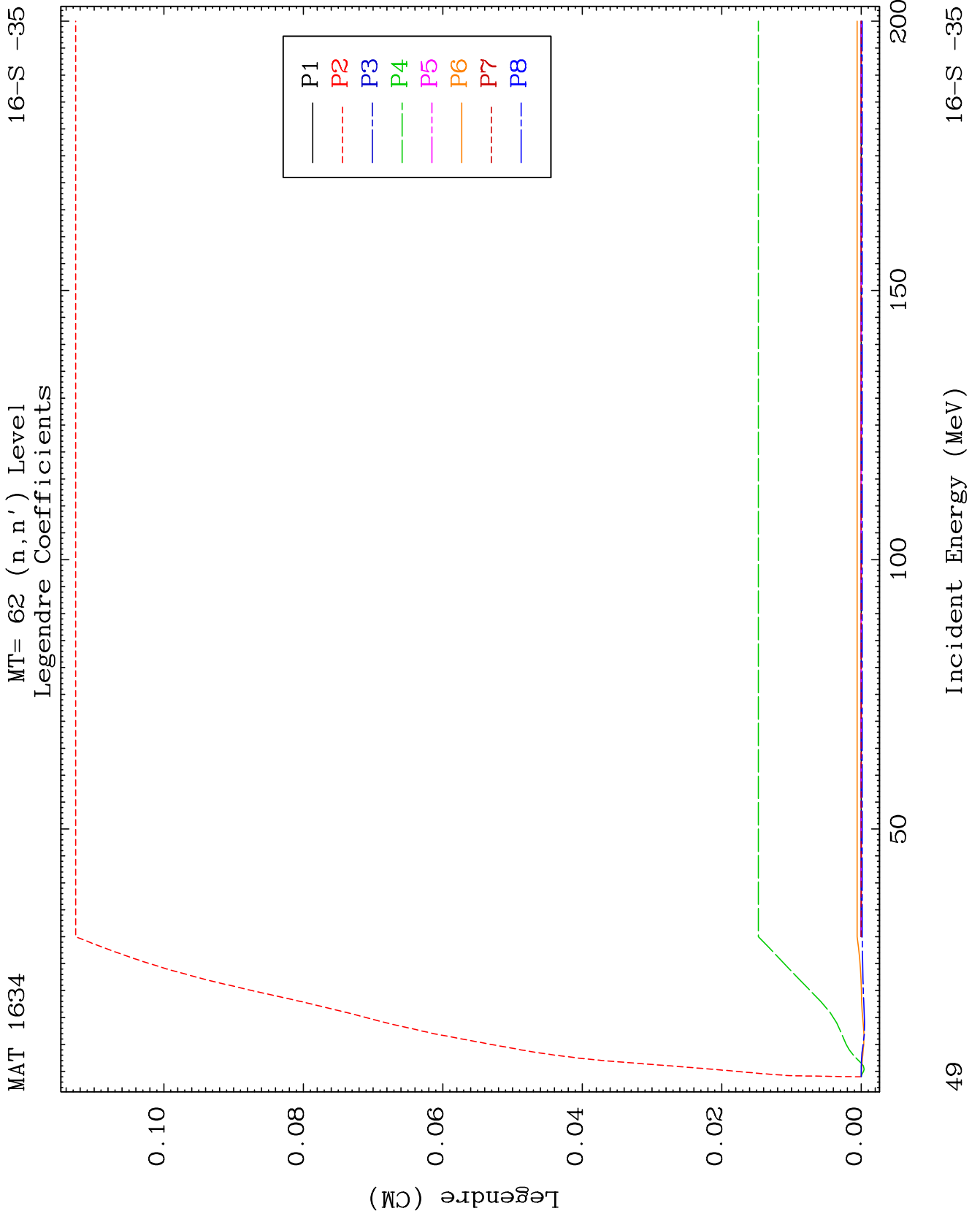
16-S -35

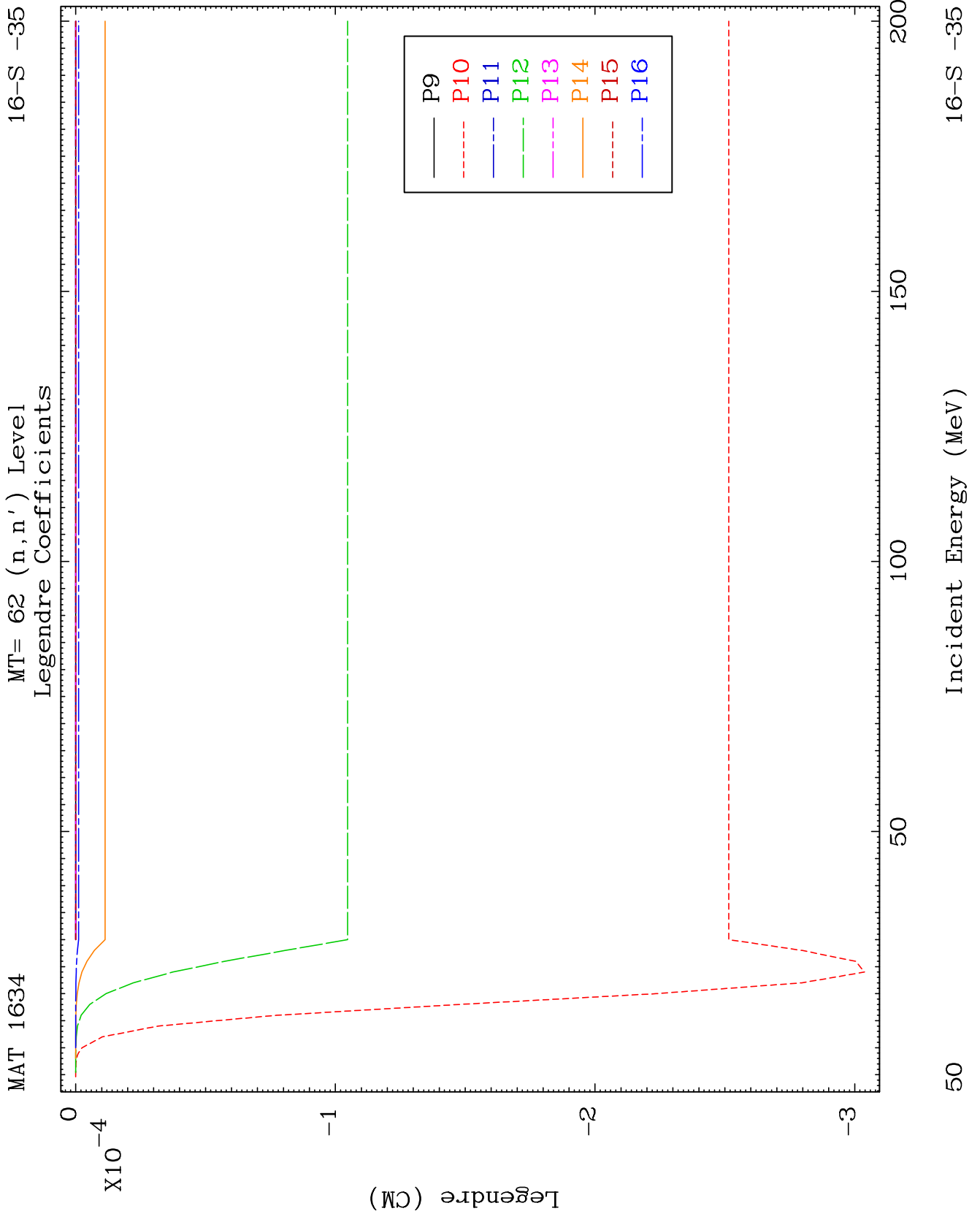


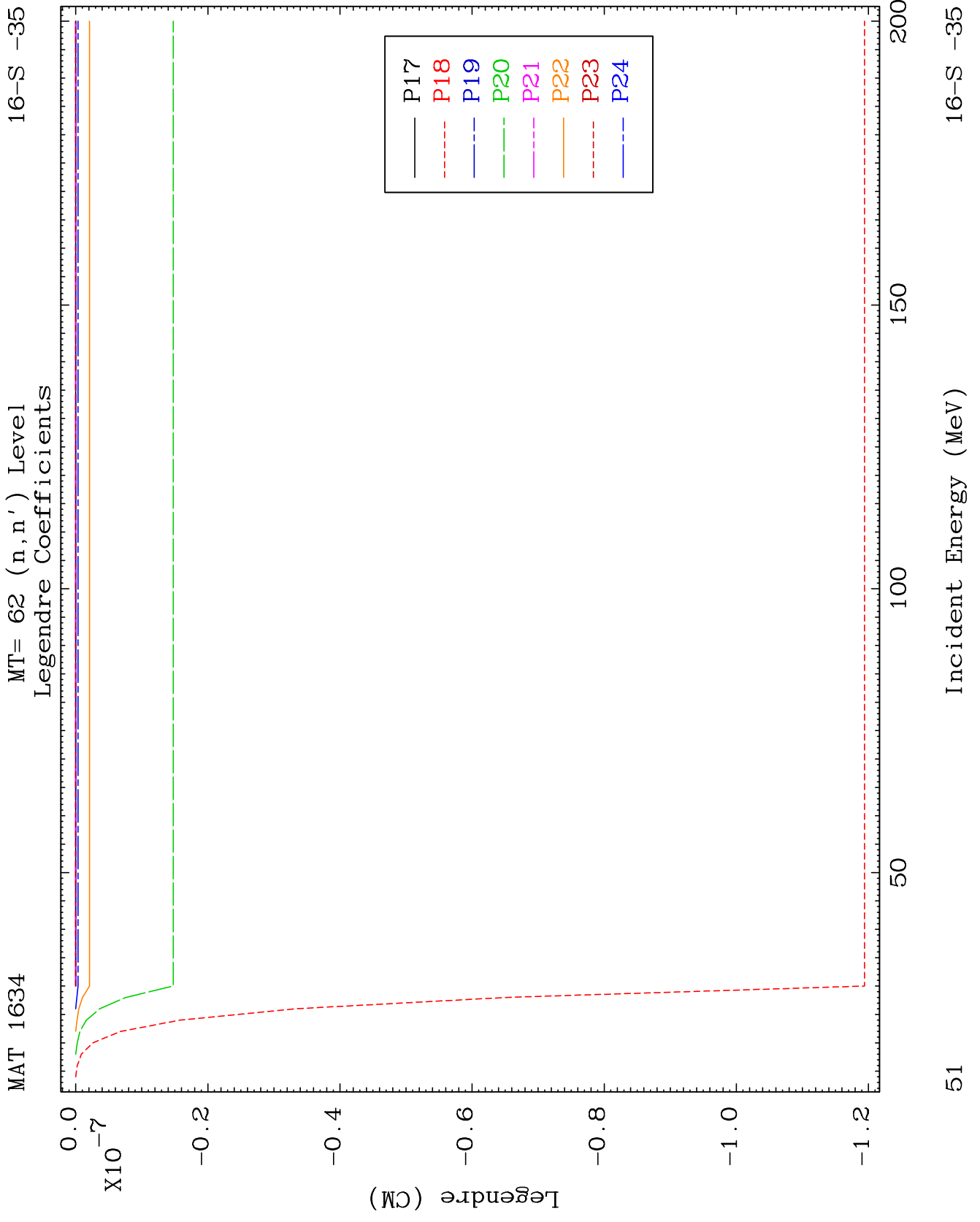
48

Incident Energy (MeV)

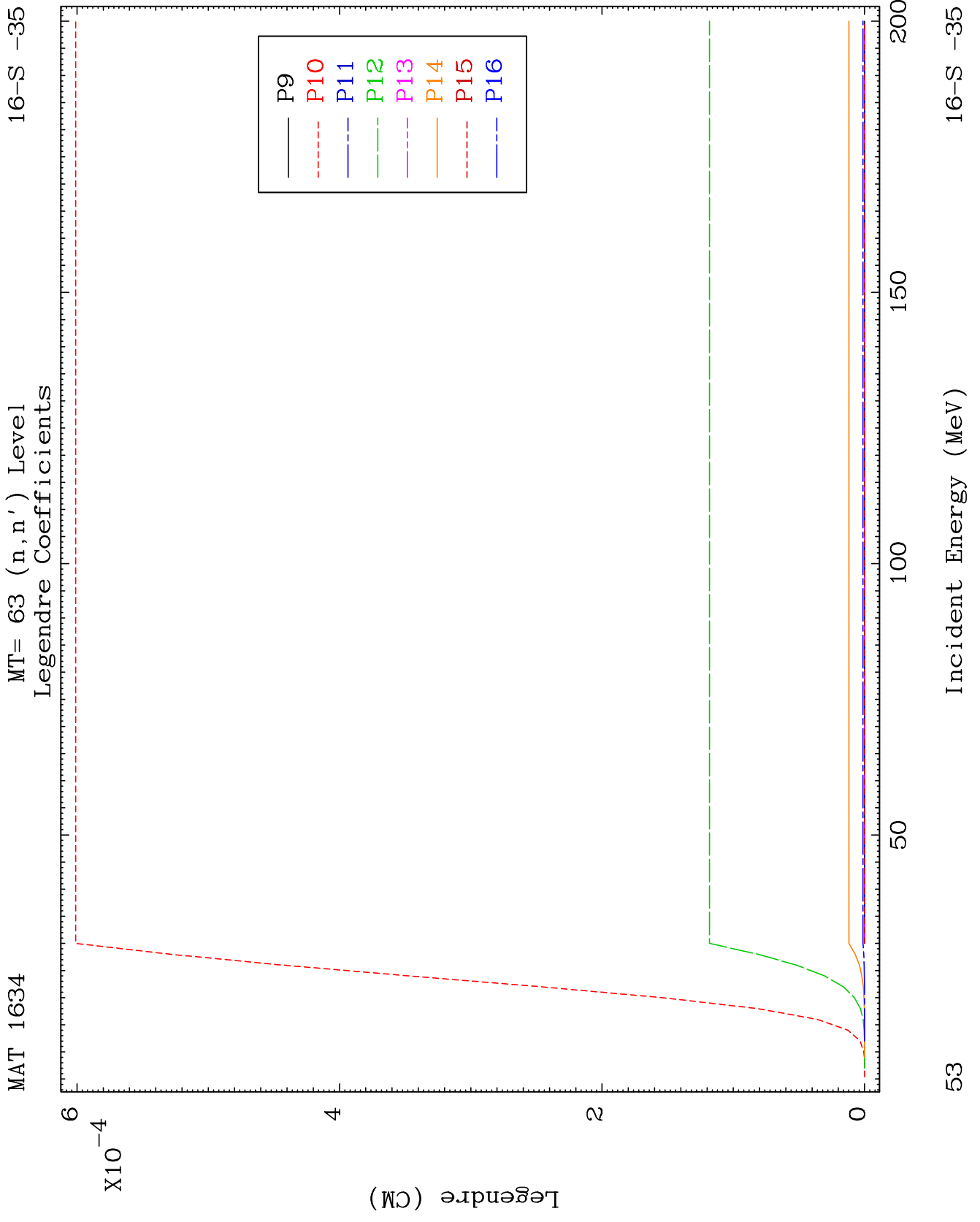
16-S -35

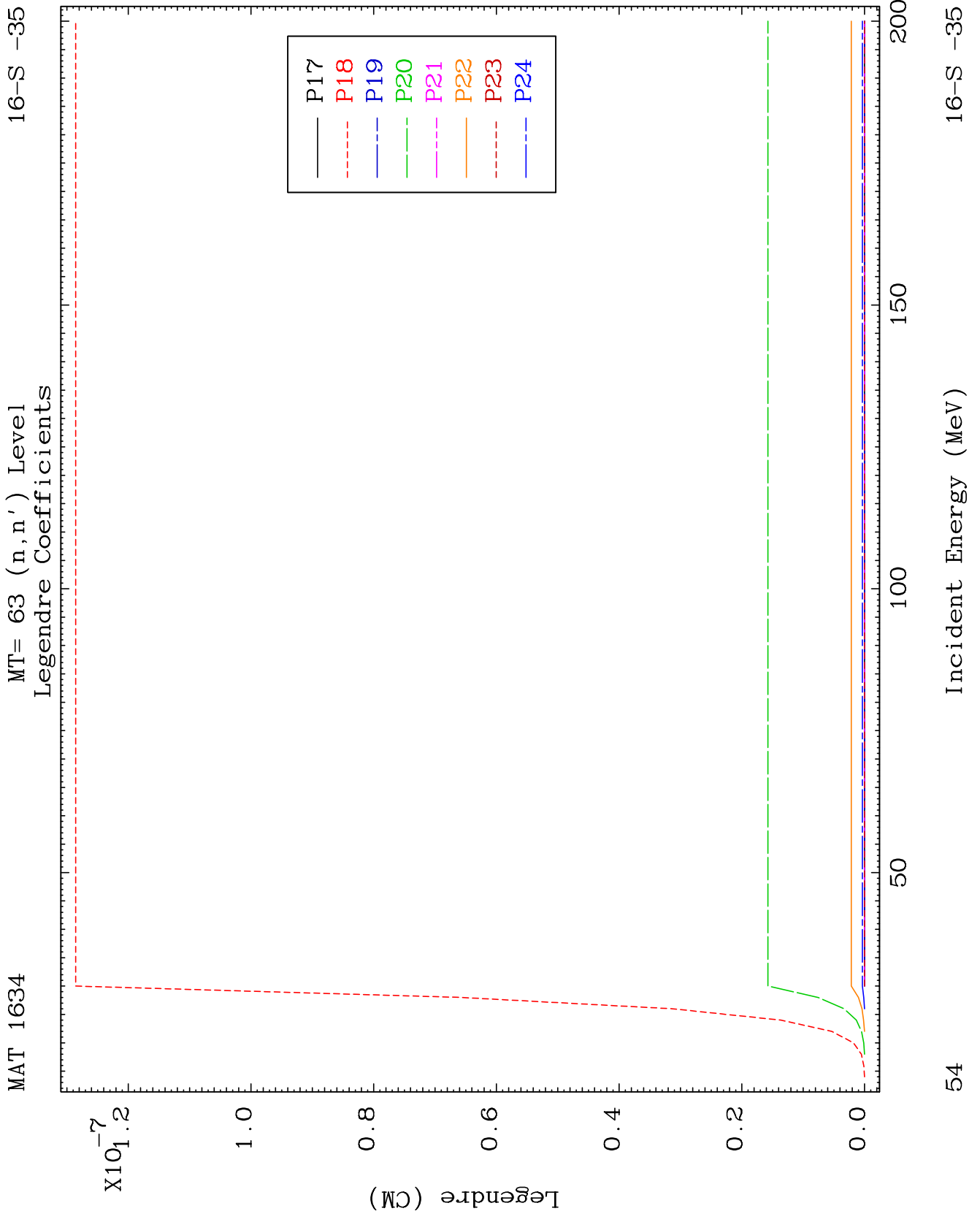




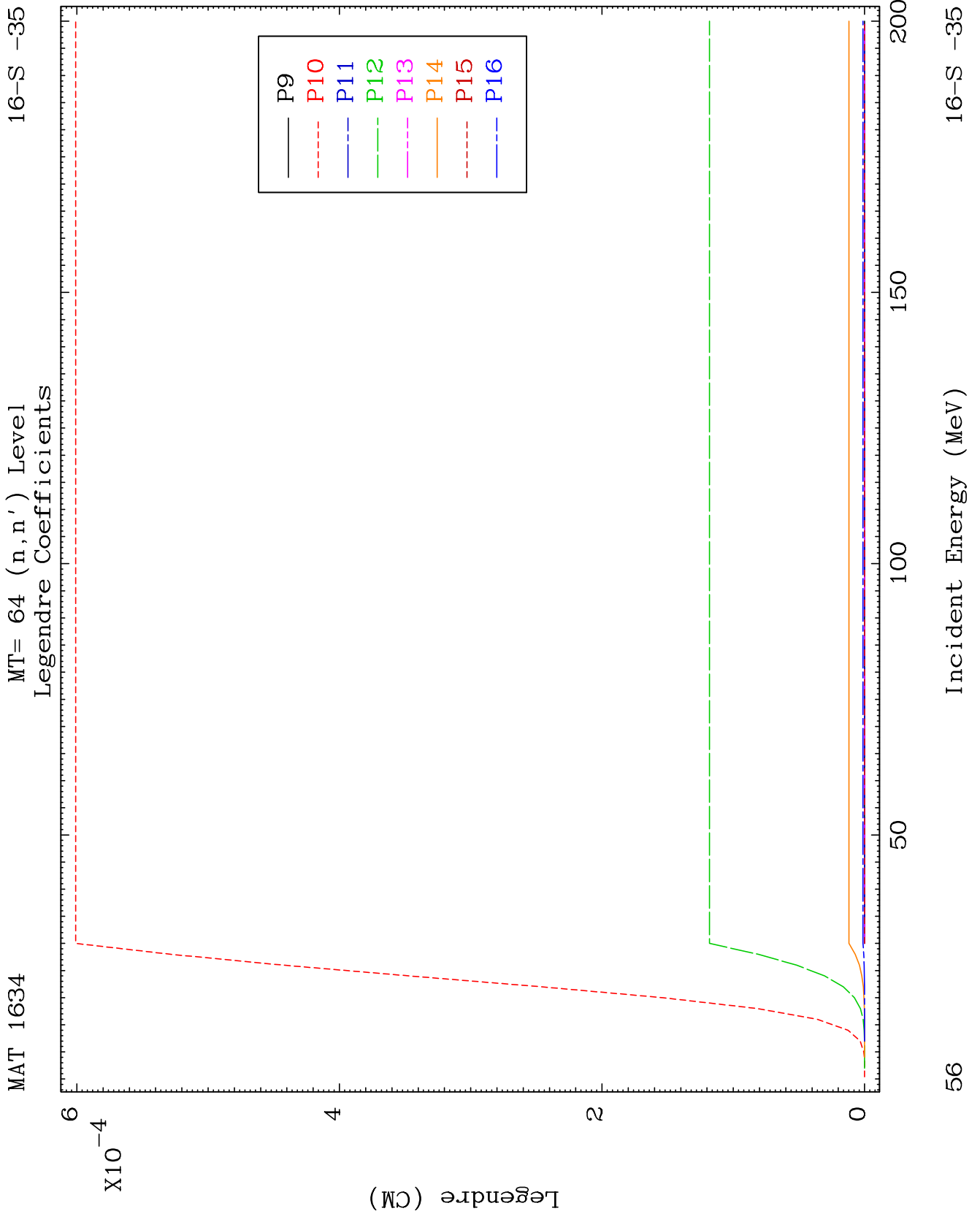


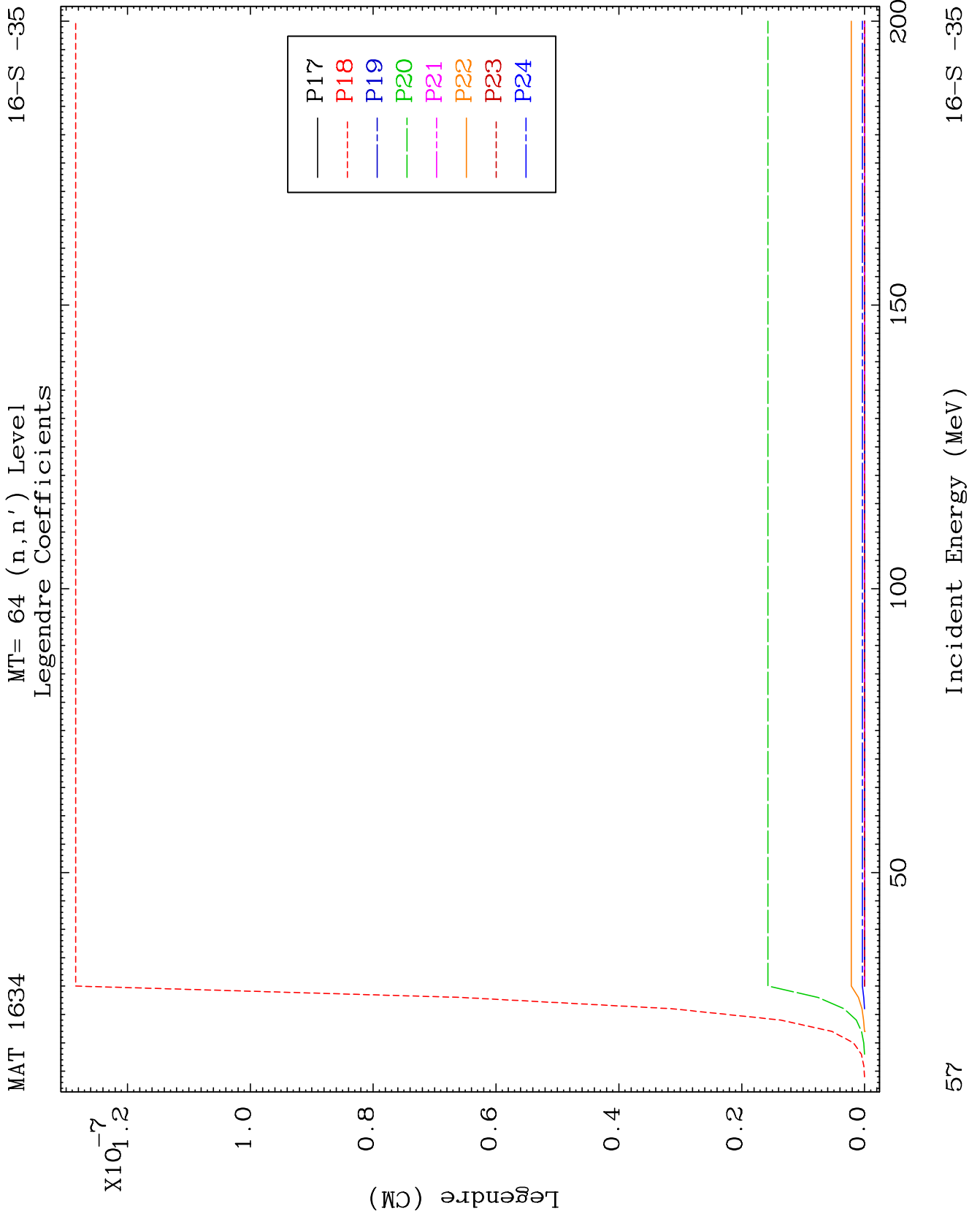




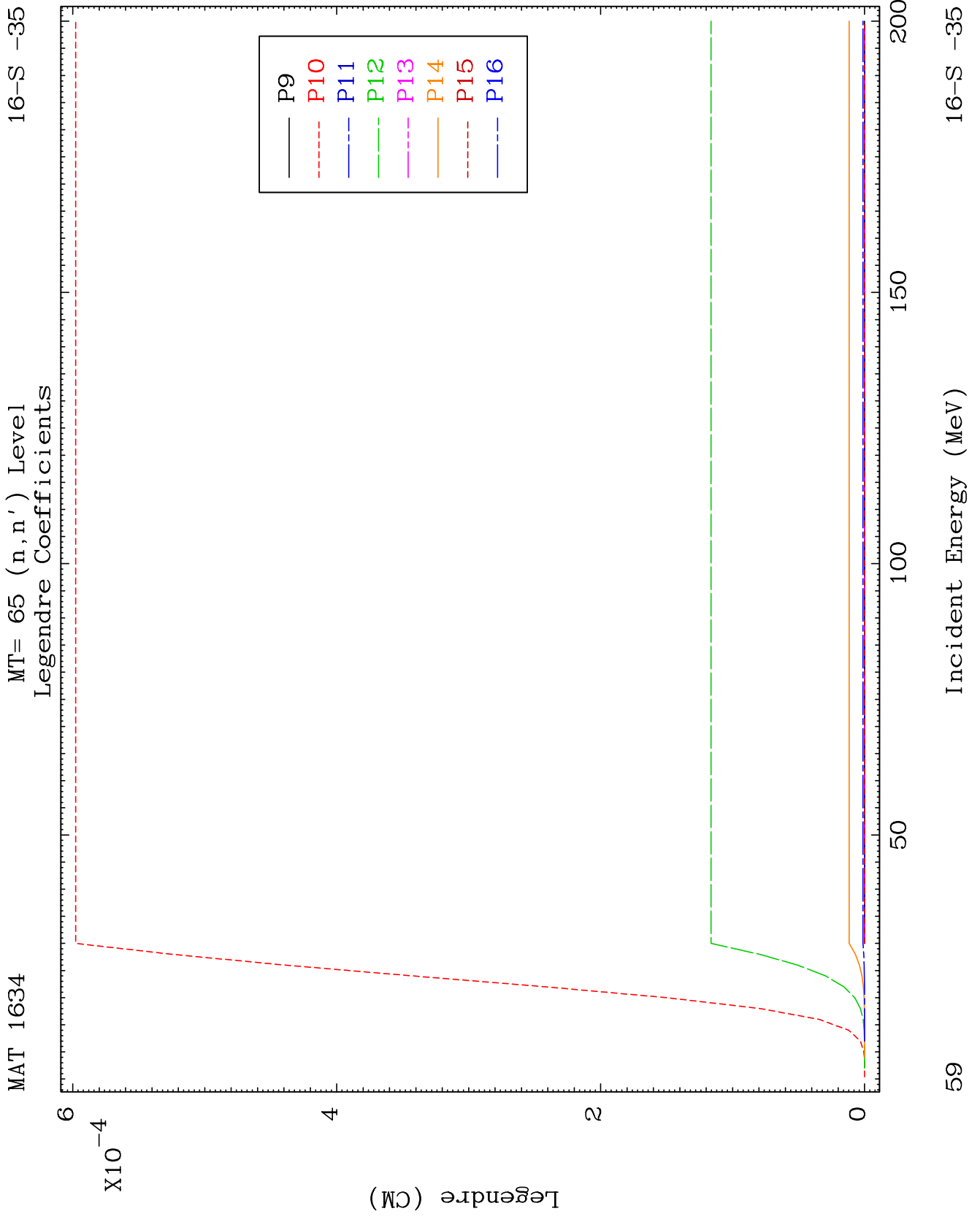


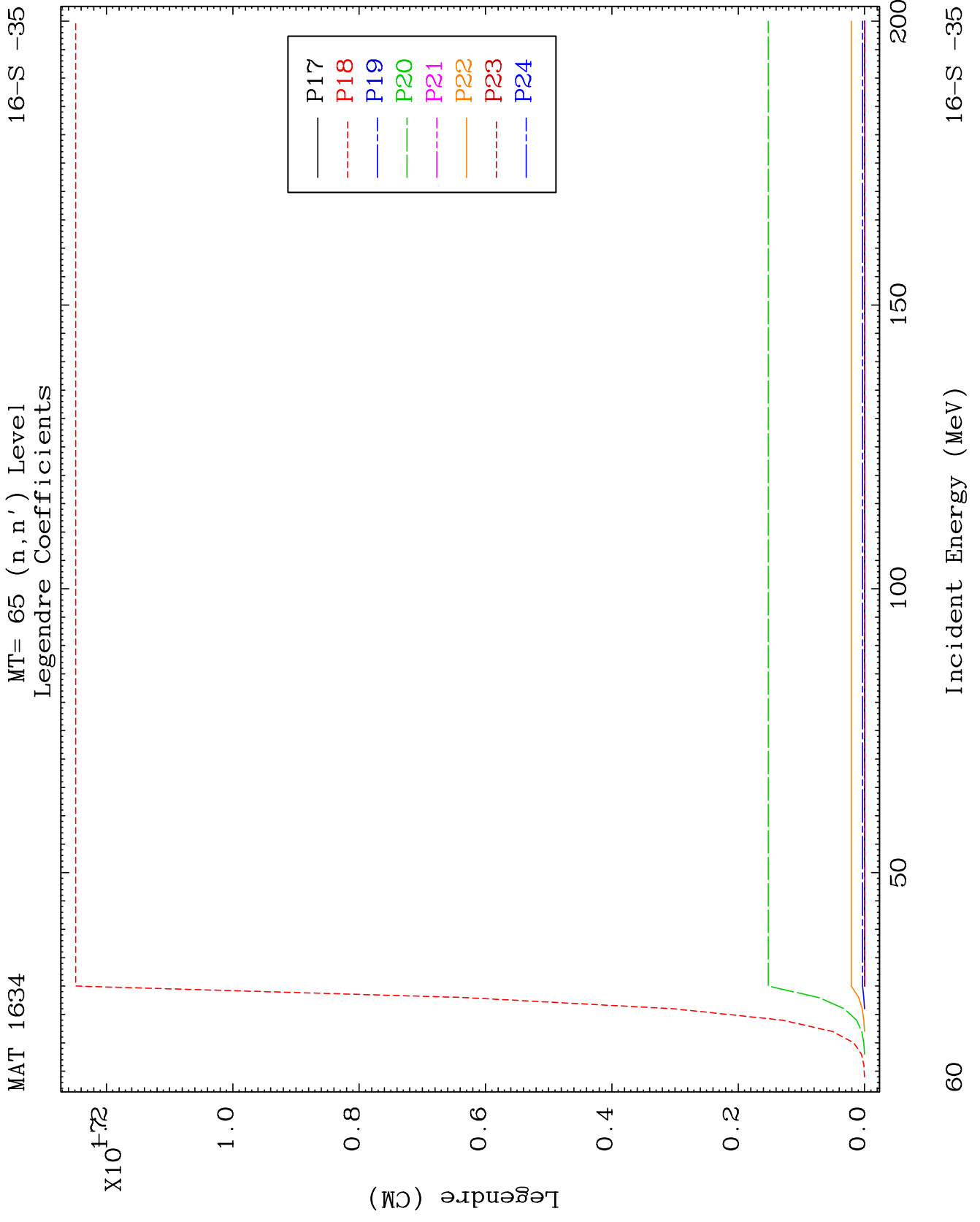


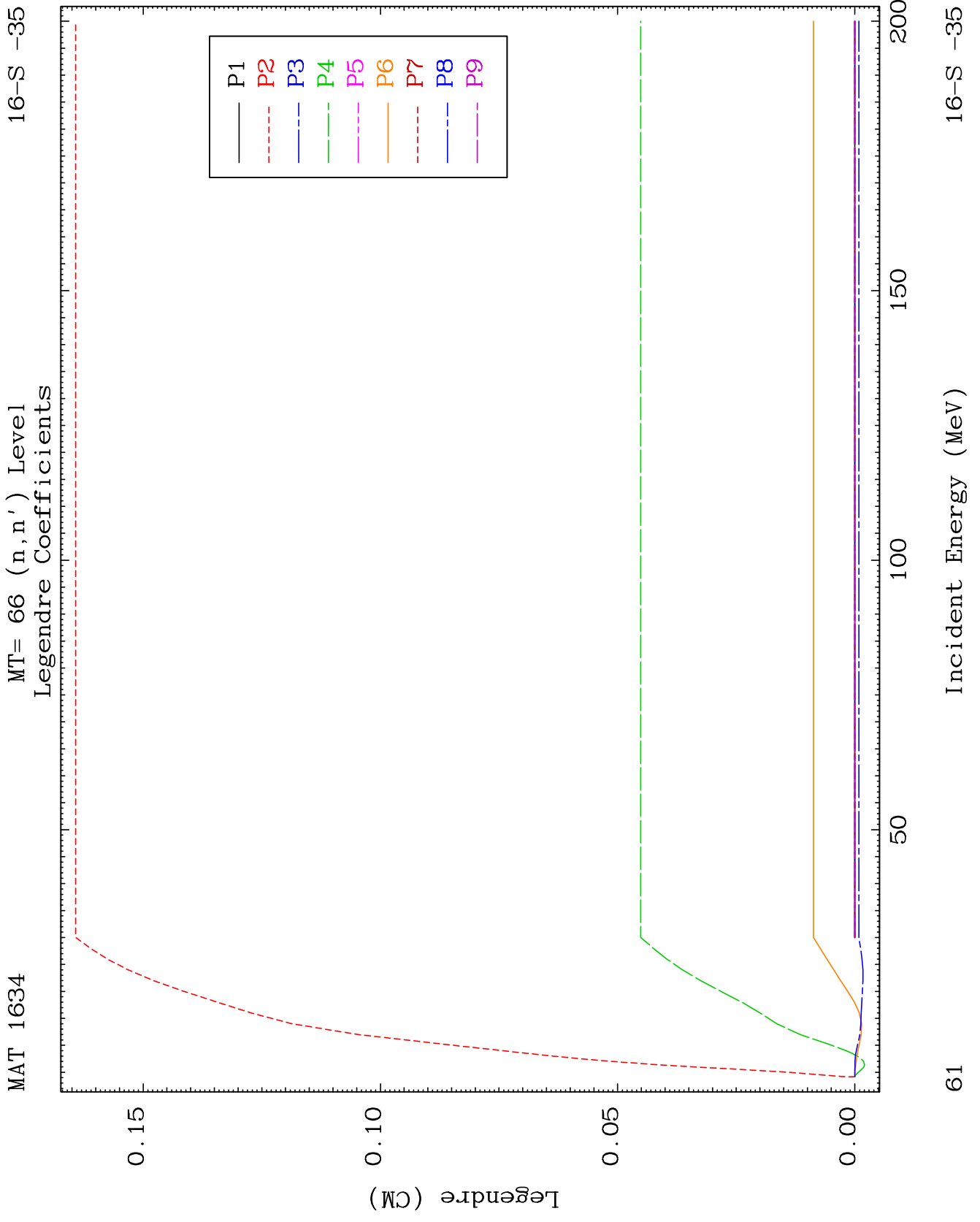


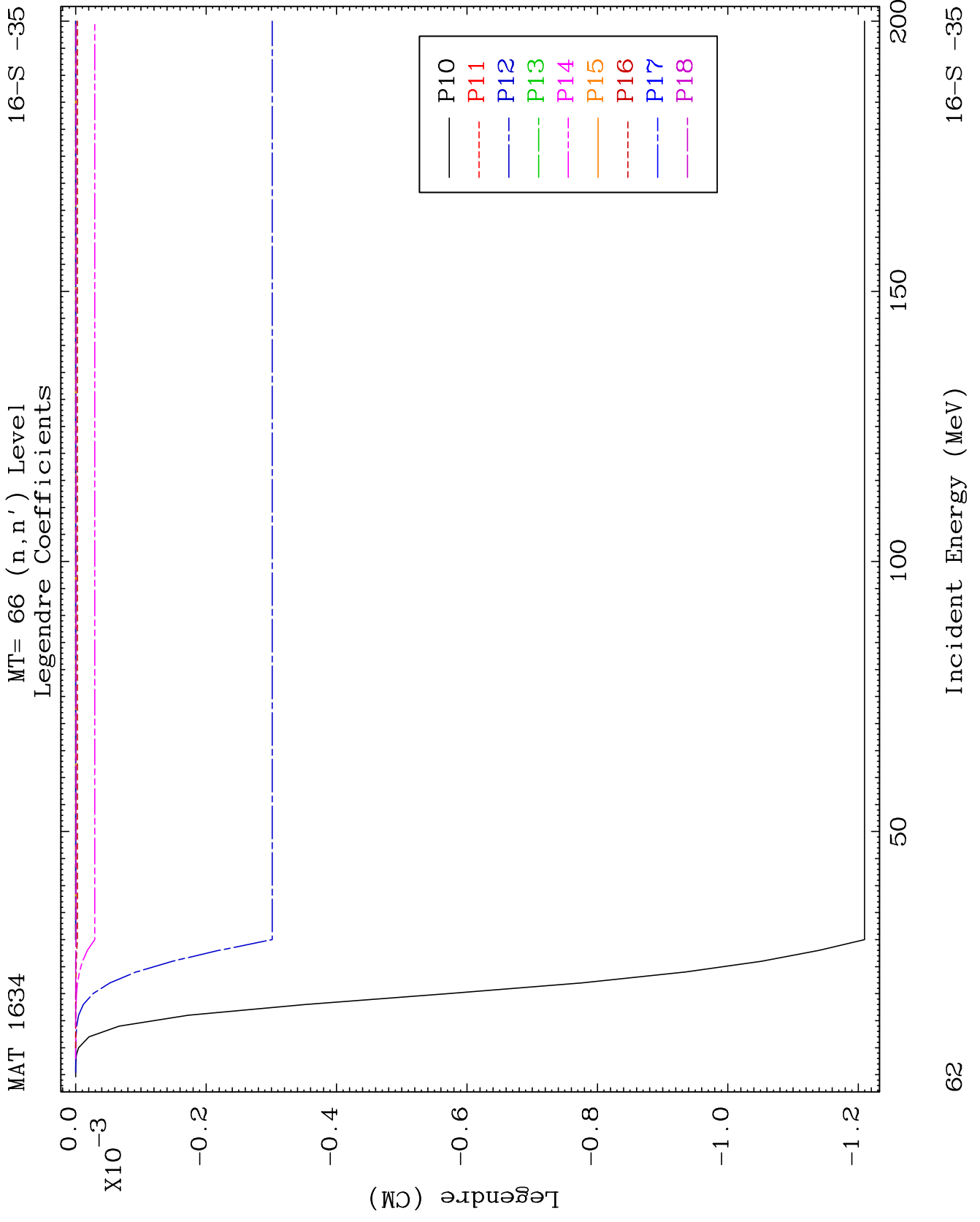


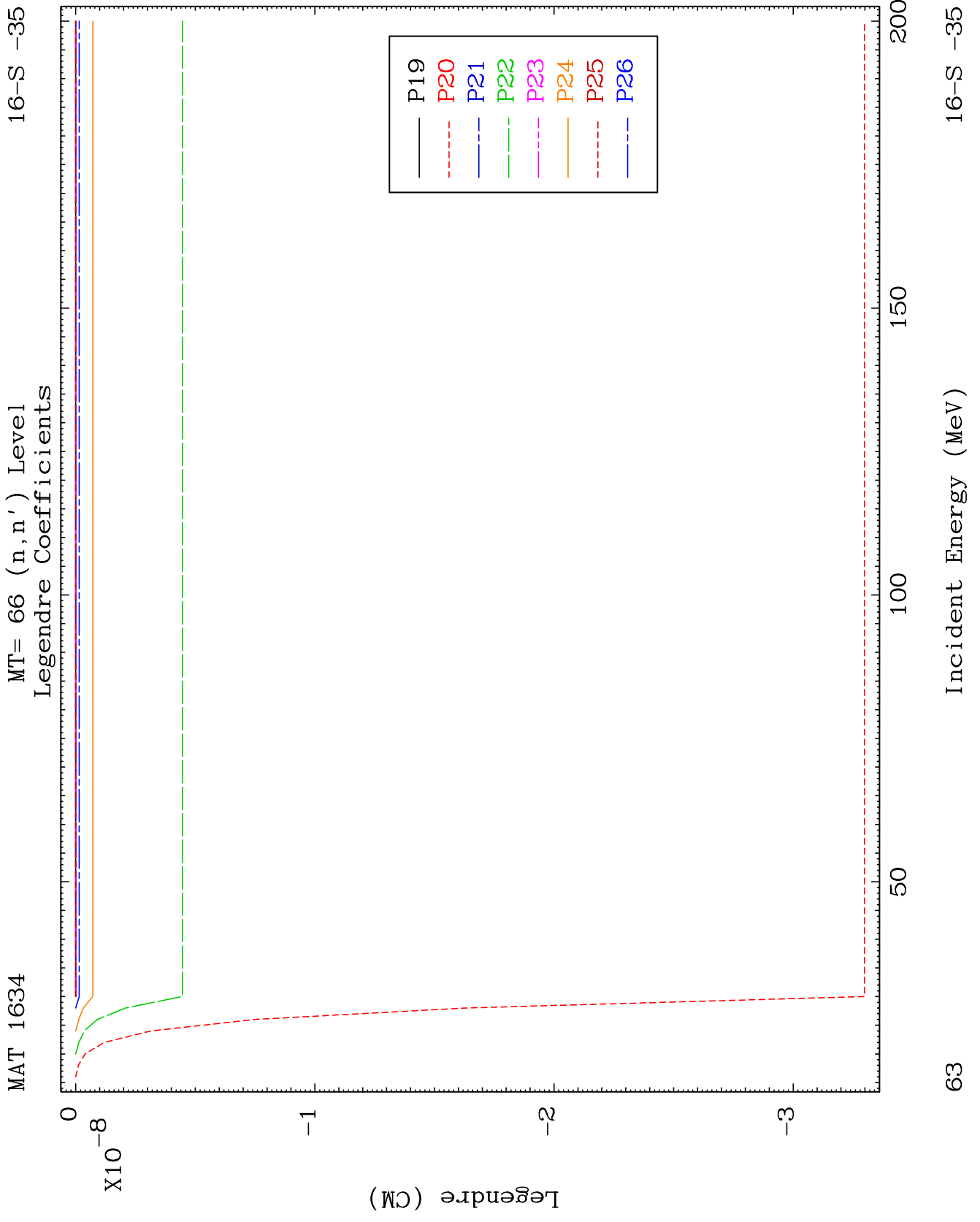


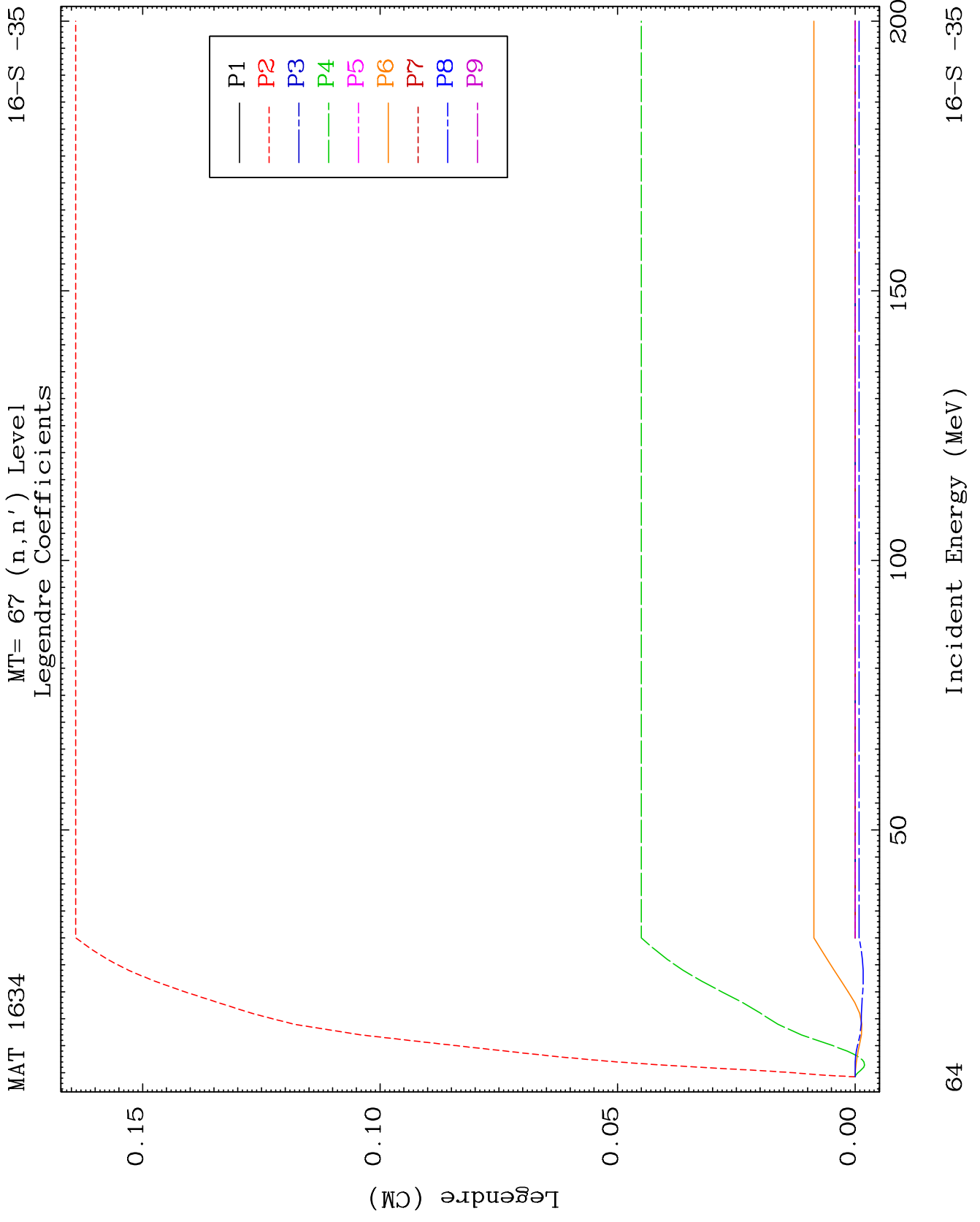


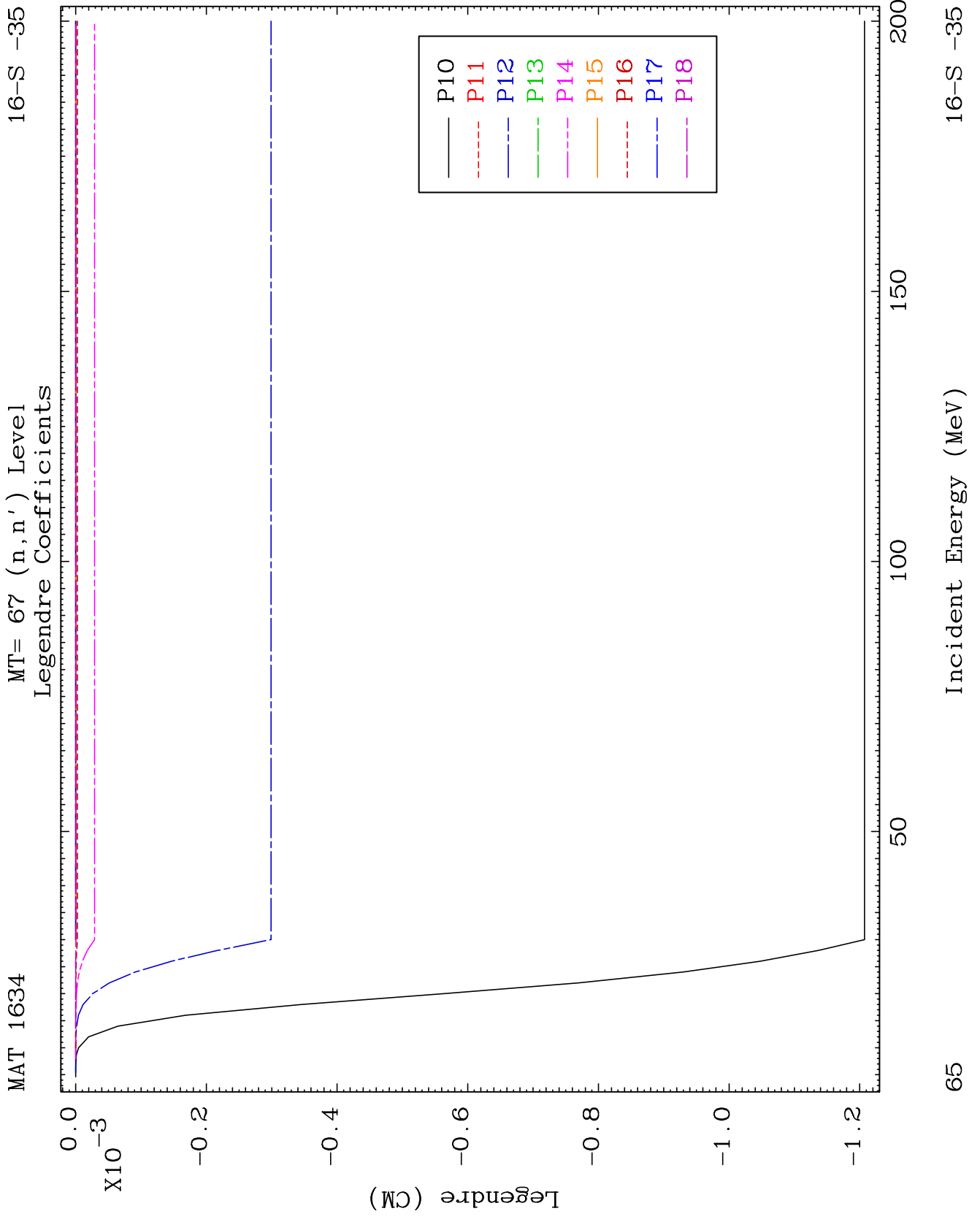










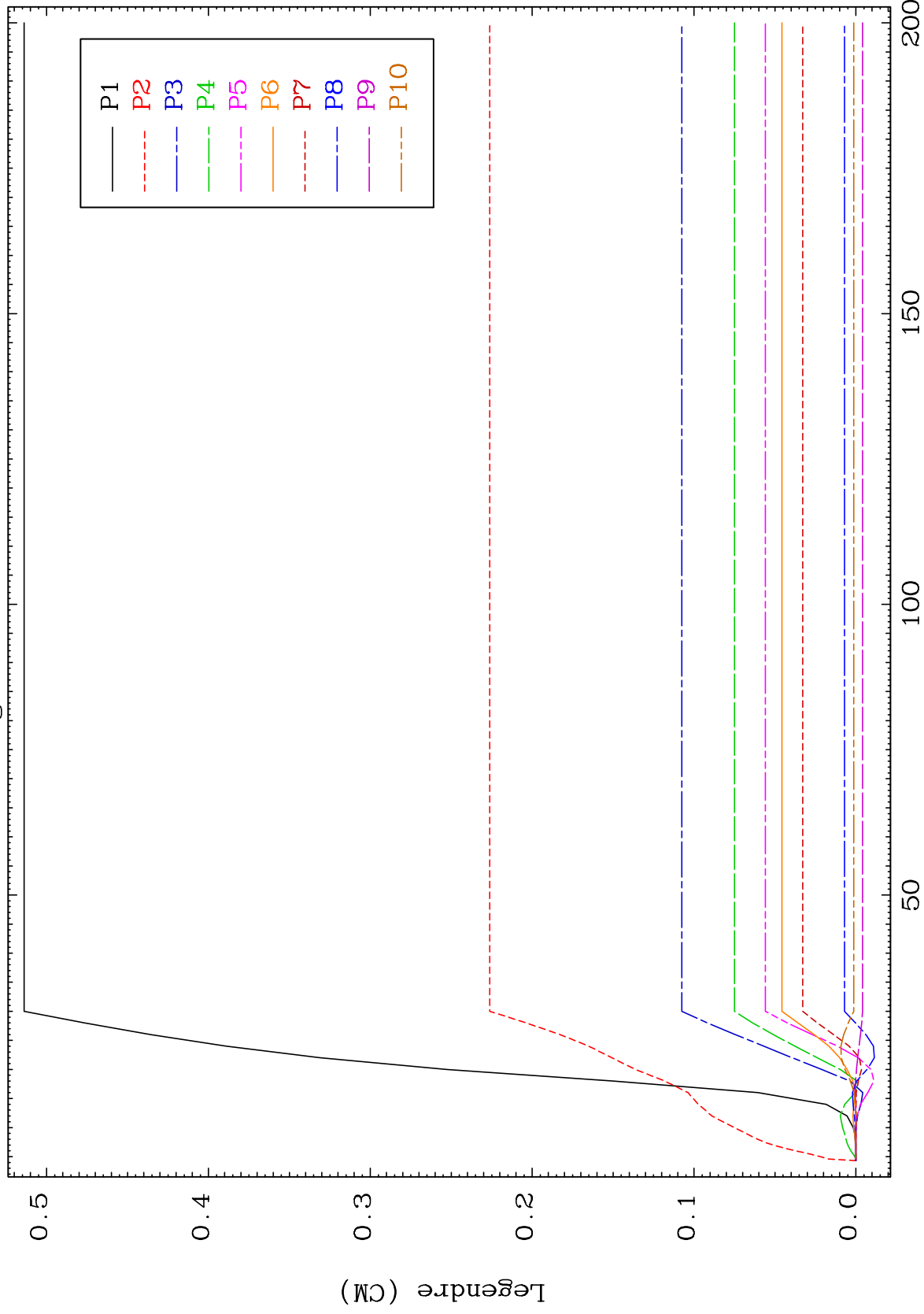




MAT 1634

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

16-S -35



67

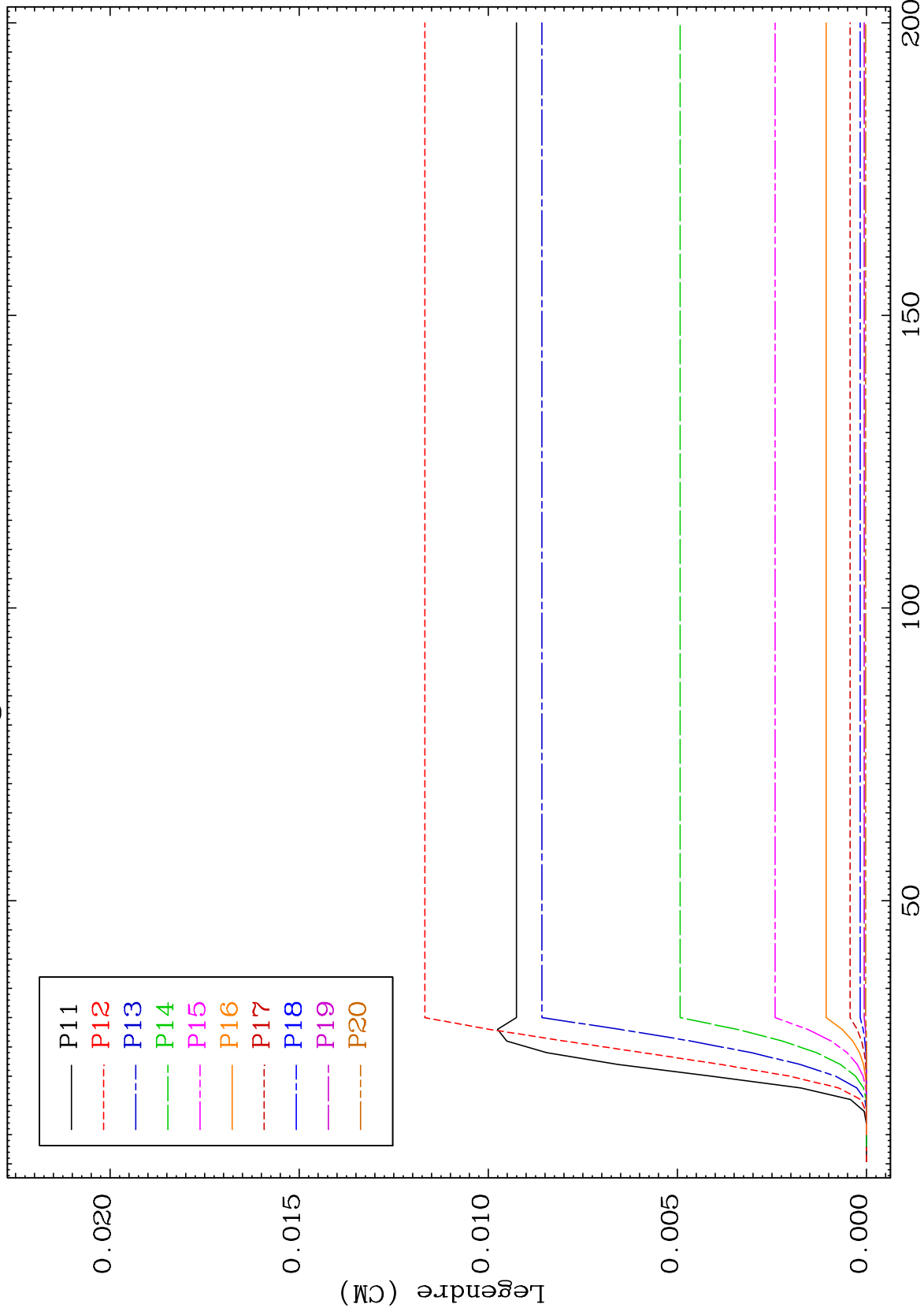
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



68

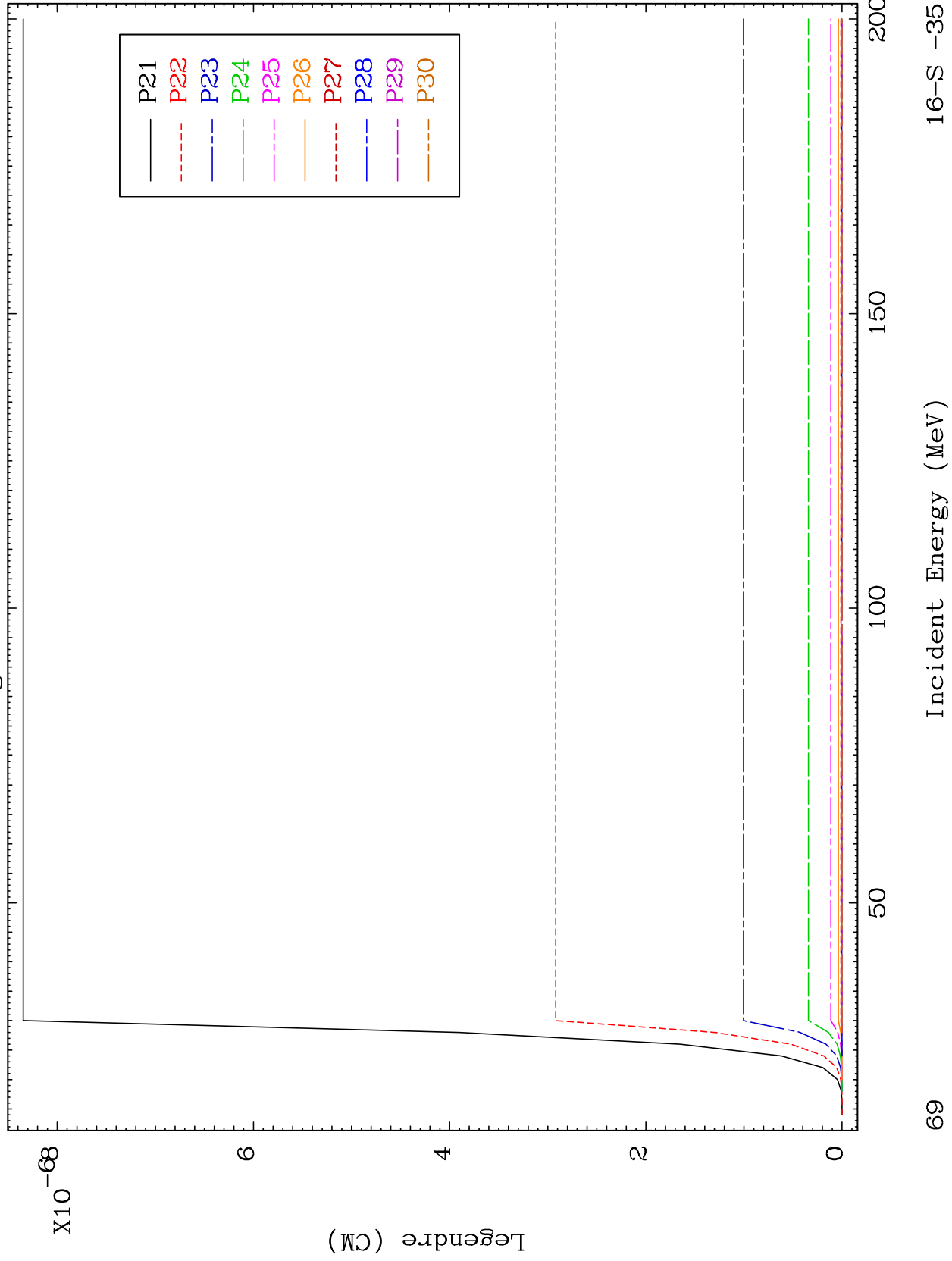
Incident Energy (MeV)

16-S -35

MAT 1634

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

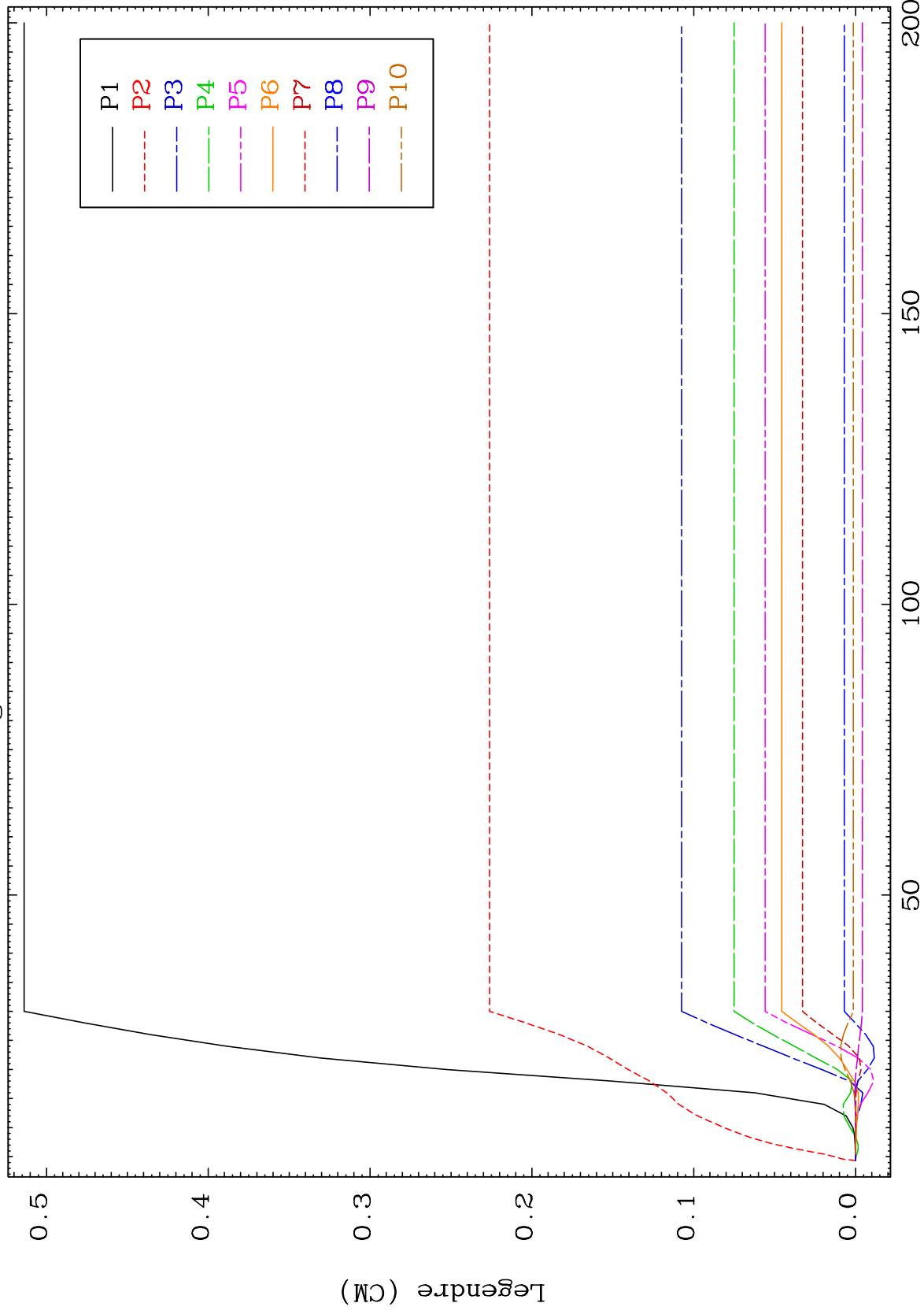
16-S -35



MAT 1634

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

16-S -35



70

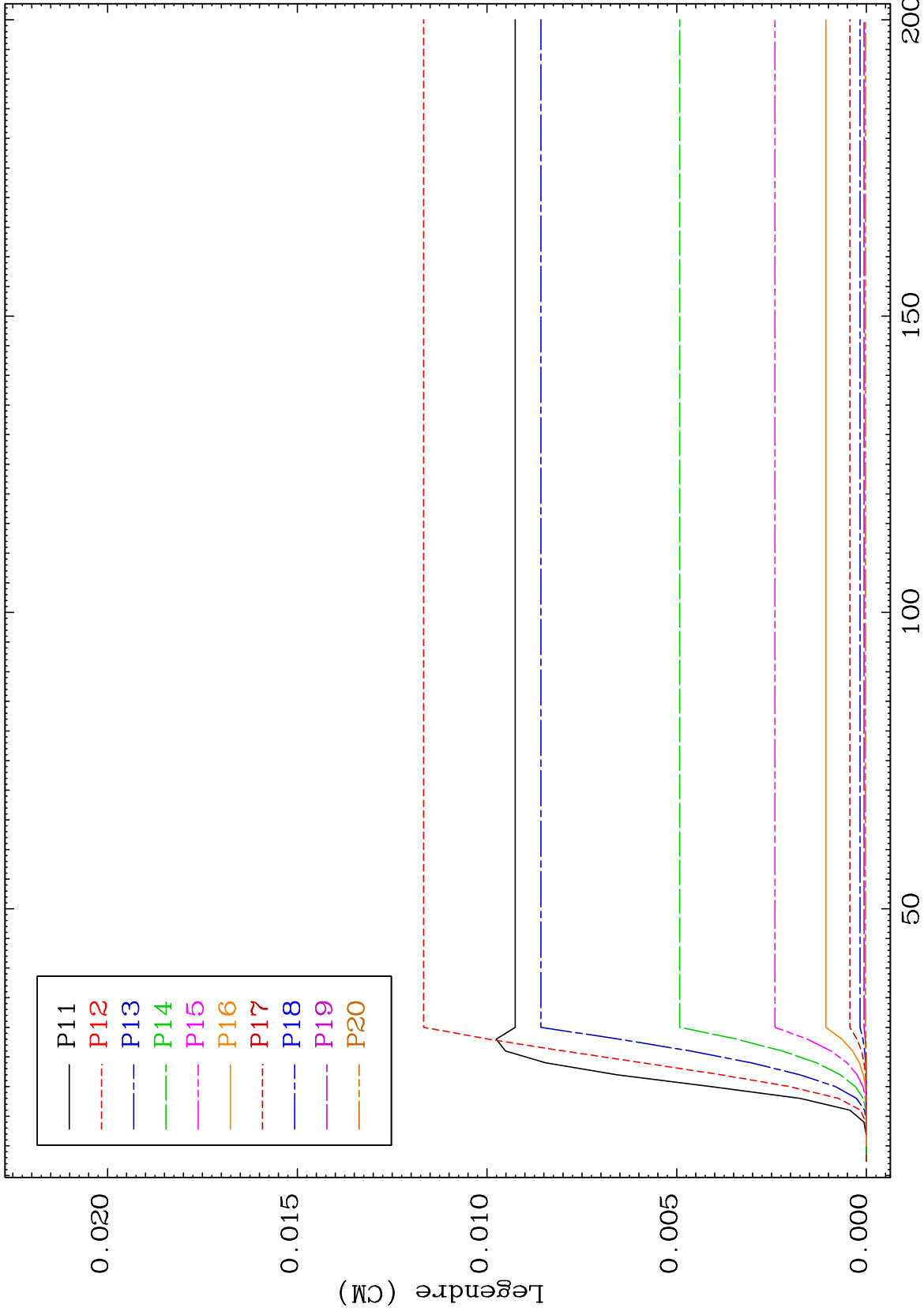
Incident Energy (MeV)

16-S -35

MAT 1634

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

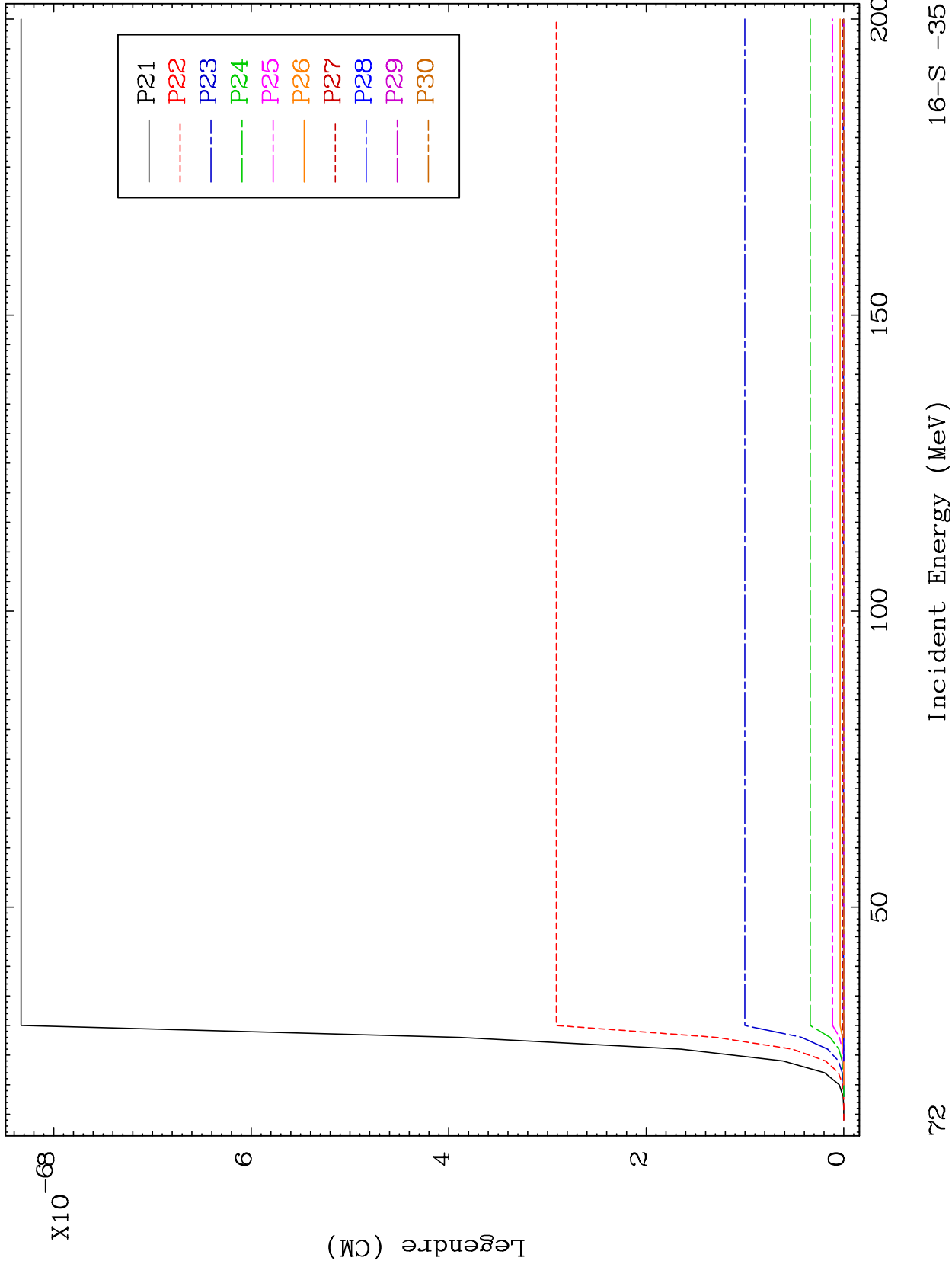
16-S -35



MAT 1634

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

16-S -35



72

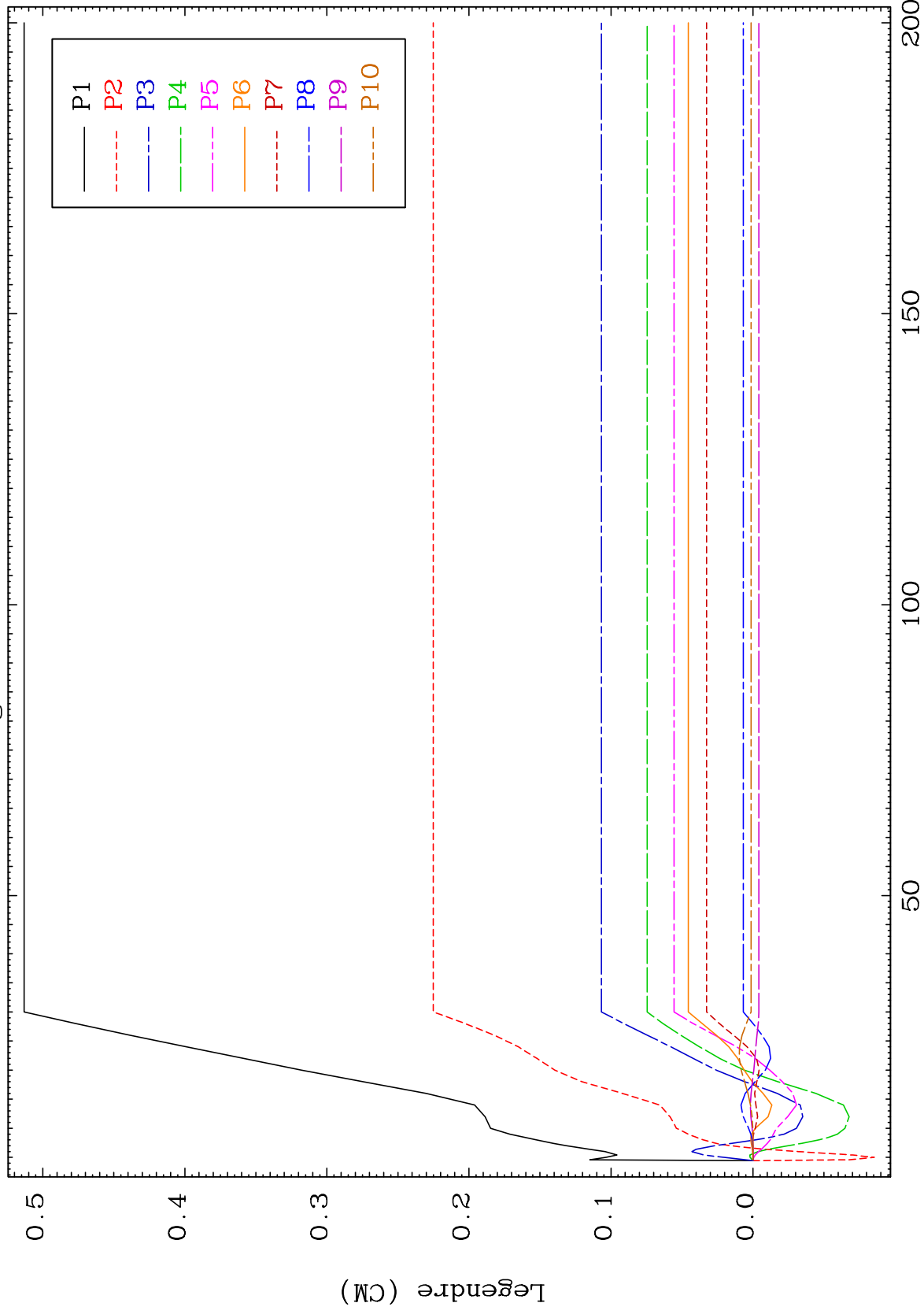
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



73

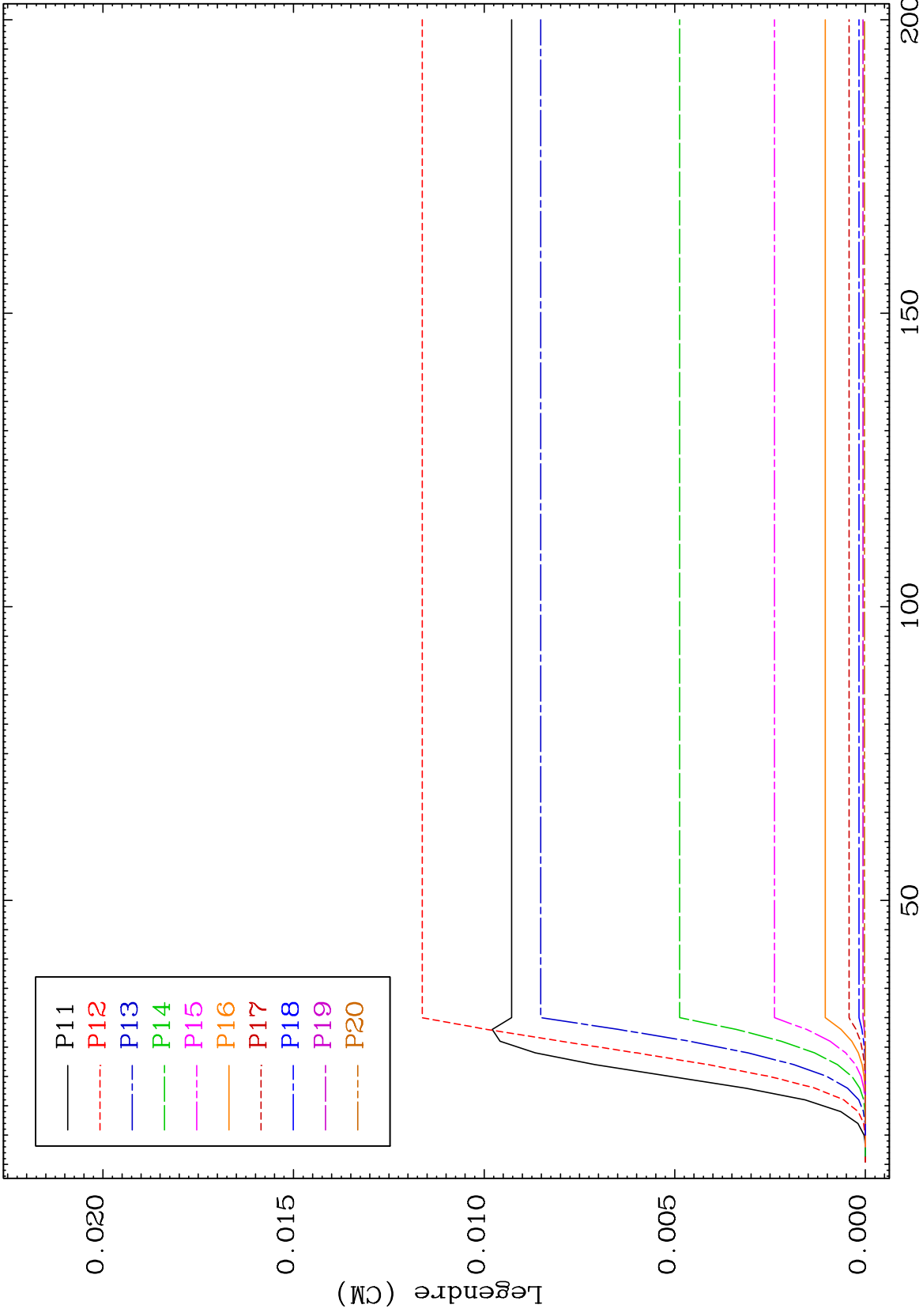
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



74

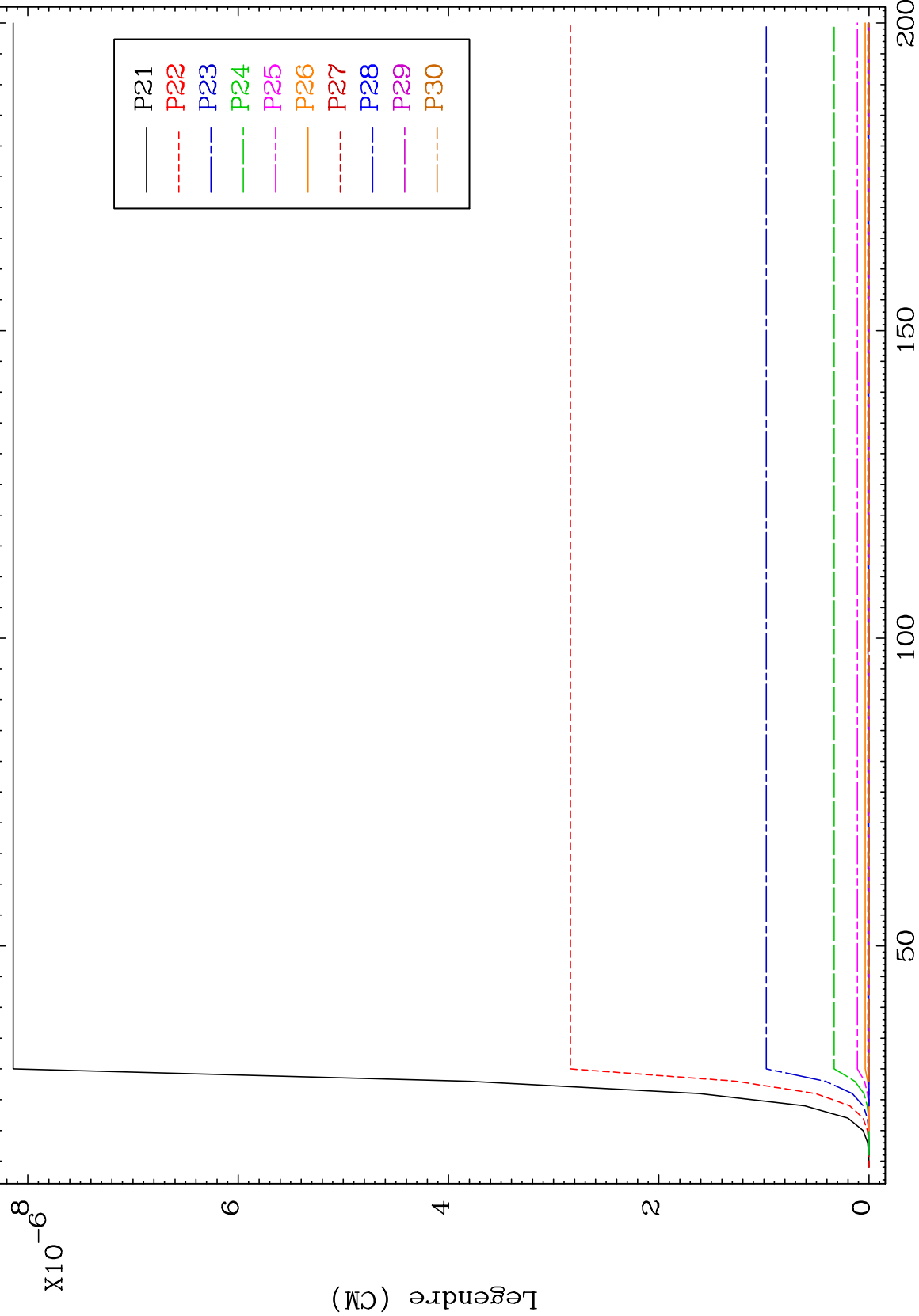
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



75

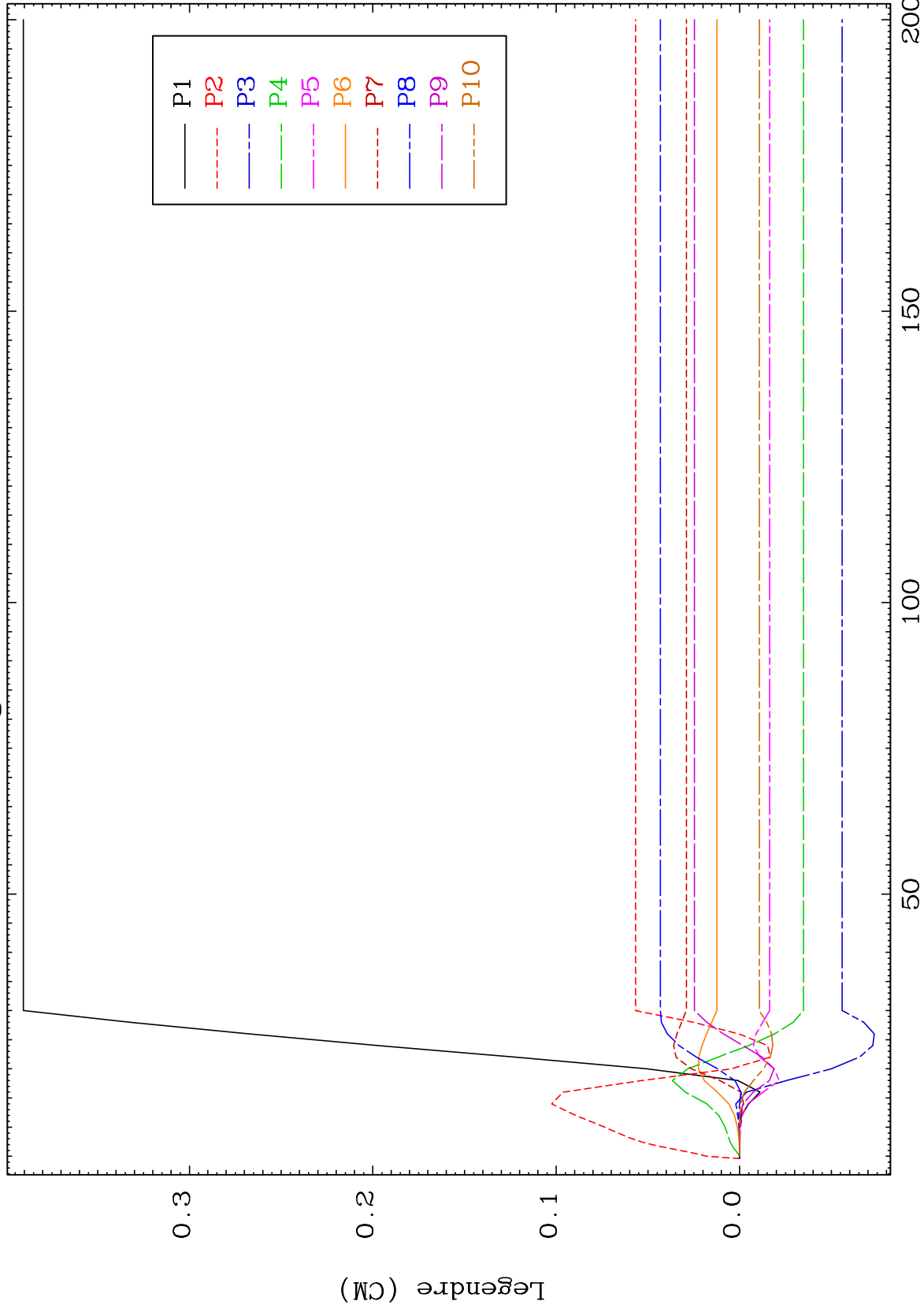
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



76

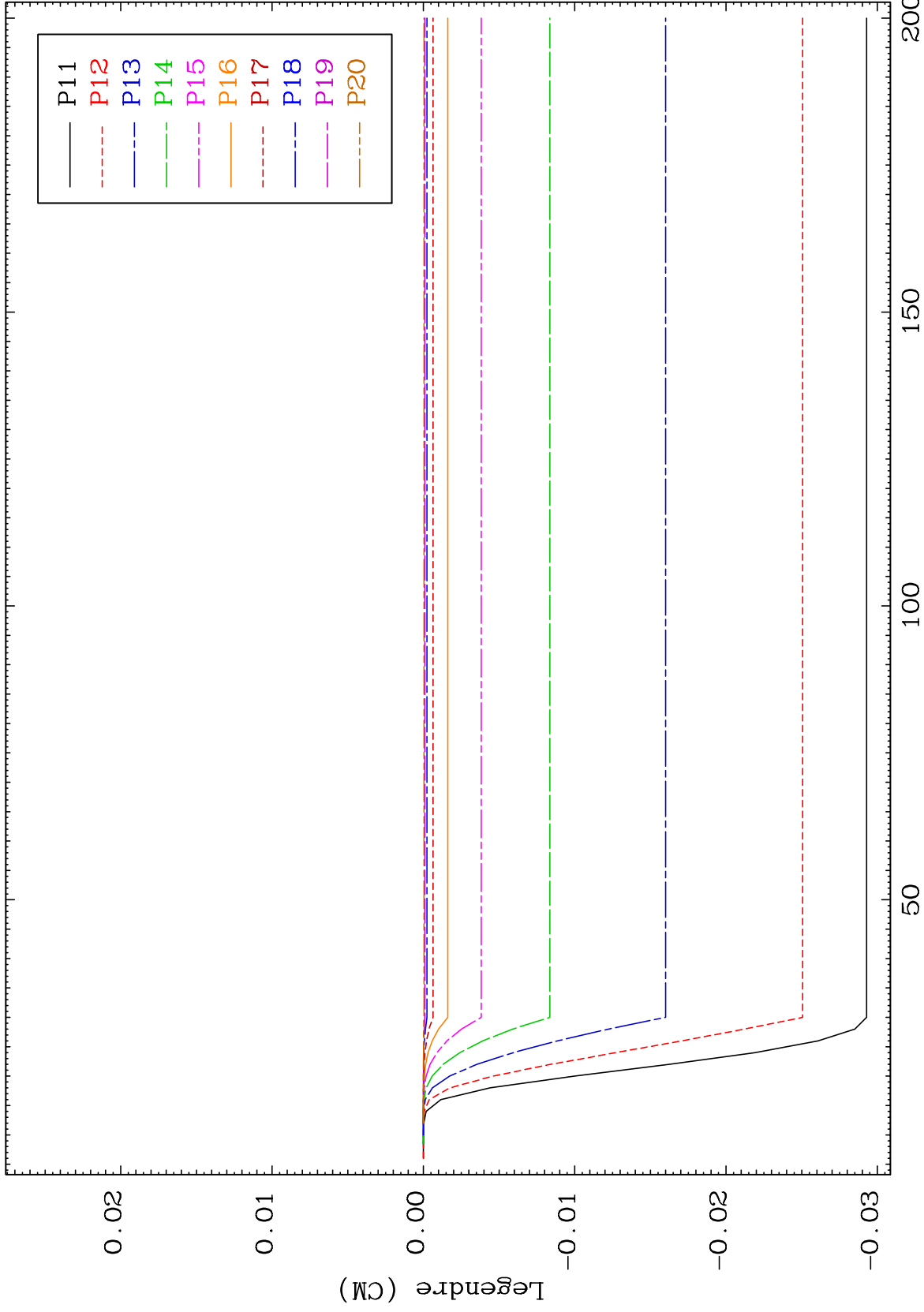
Incident Energy (MeV)

16-S -35

MAT 1634

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

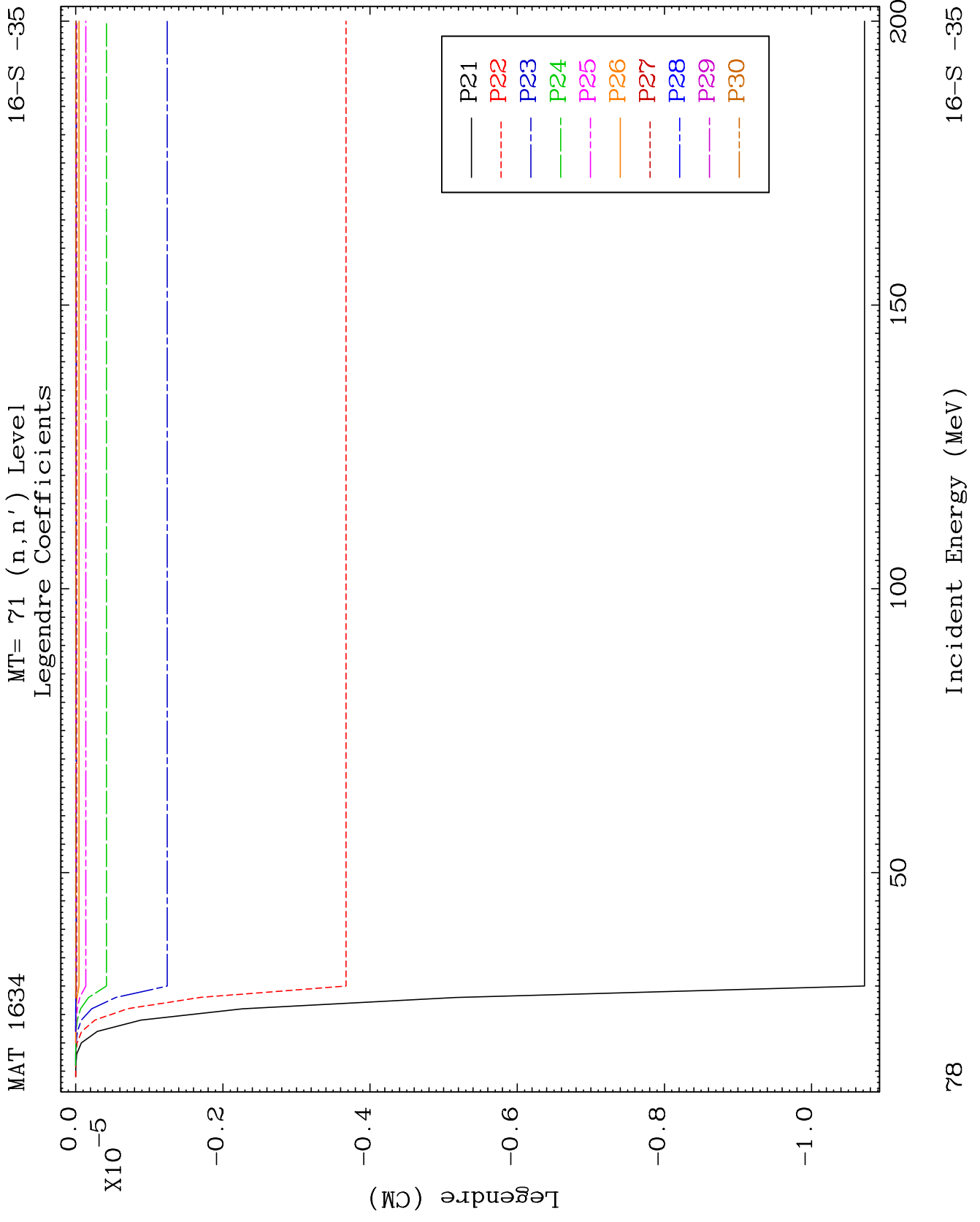
16-S -35



77

Incident Energy (MeV)

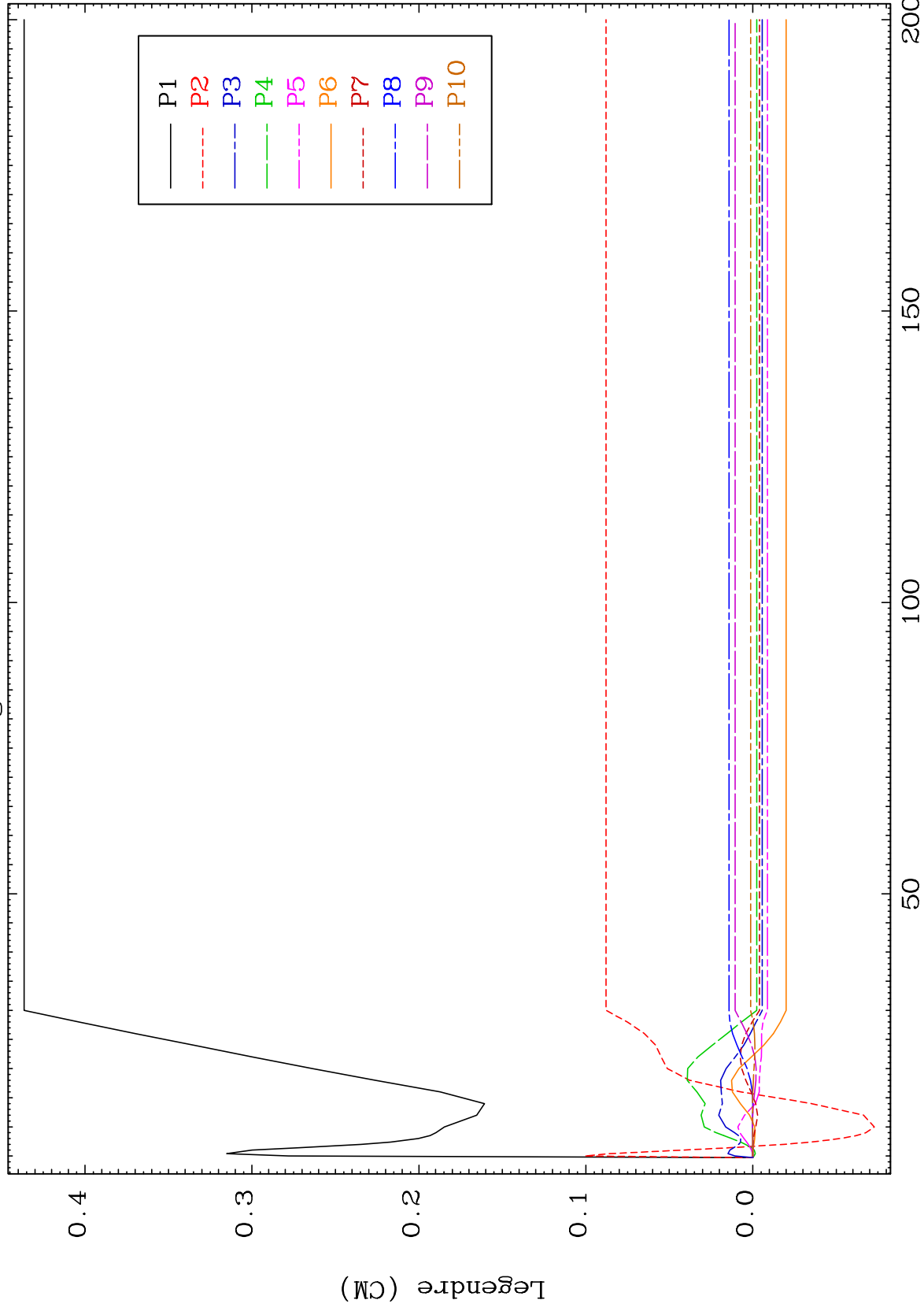
16-S -35



MAT 1634

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

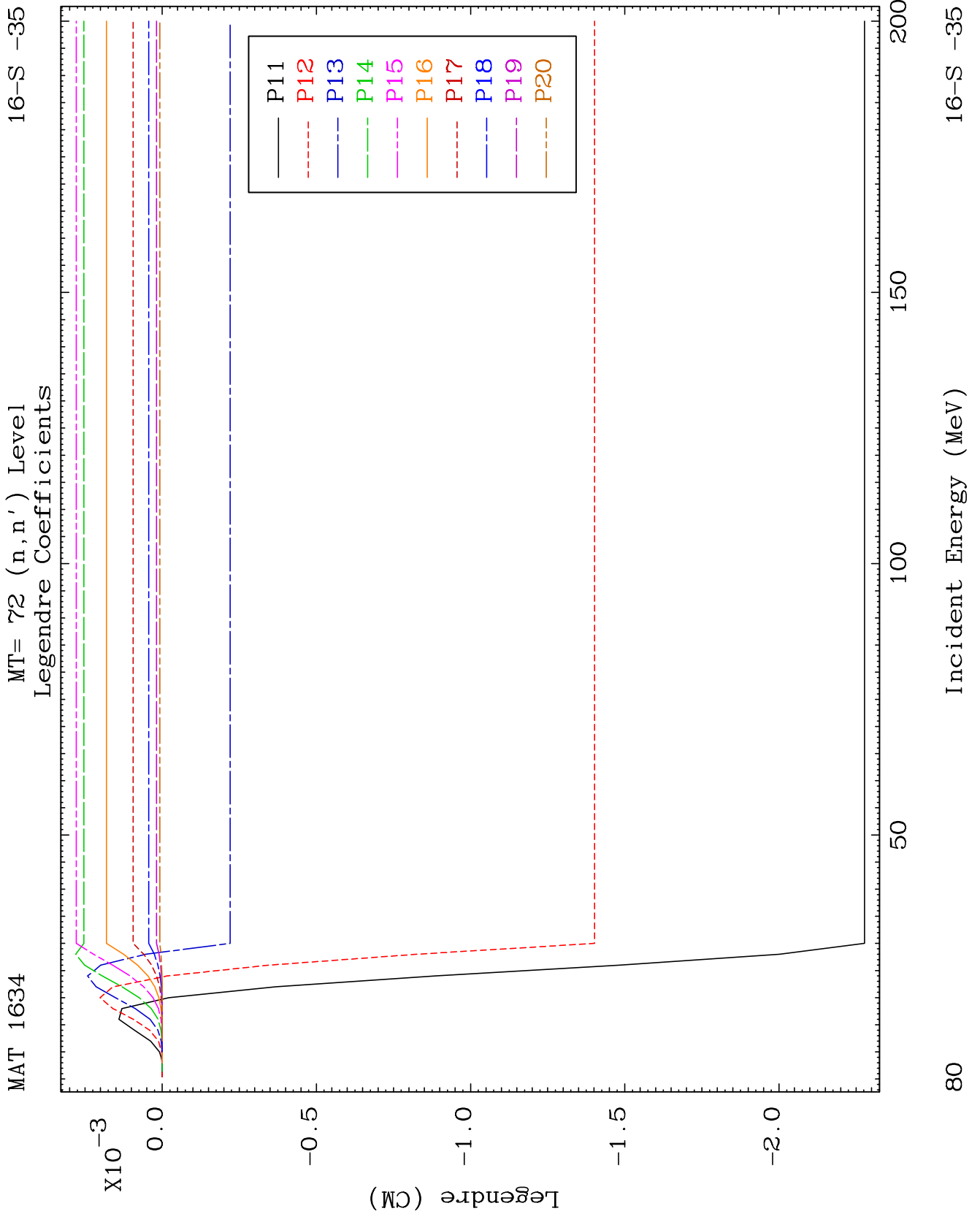
16-S -35



79

Incident Energy (MeV)

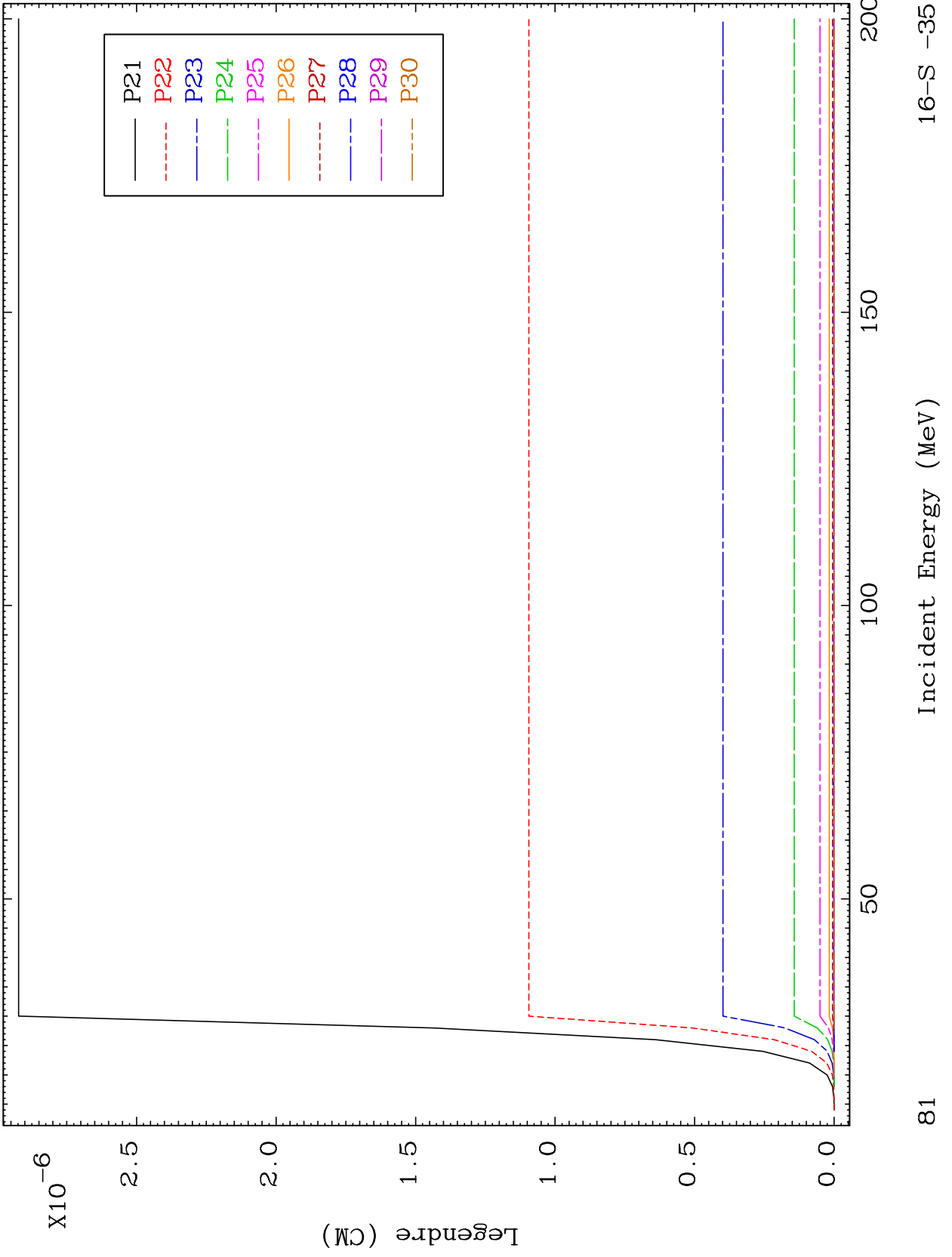
16-S -35



MAT 1634

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

16-S -35



81

Incident Energy (MeV)

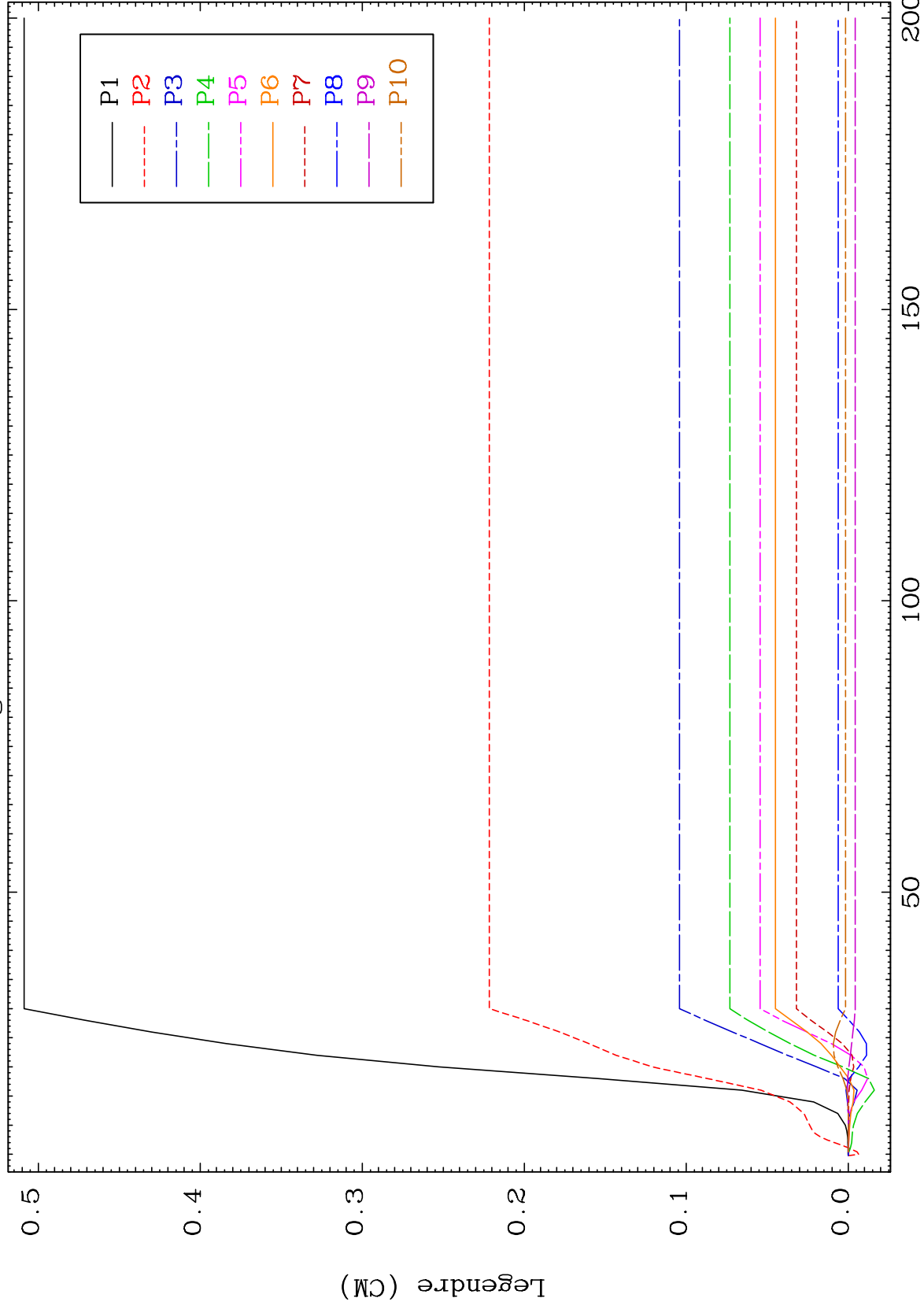
16-S -35

MAT 1634

MT= 73 (n,n') Level

16-S -35

Legendre Coefficients



82

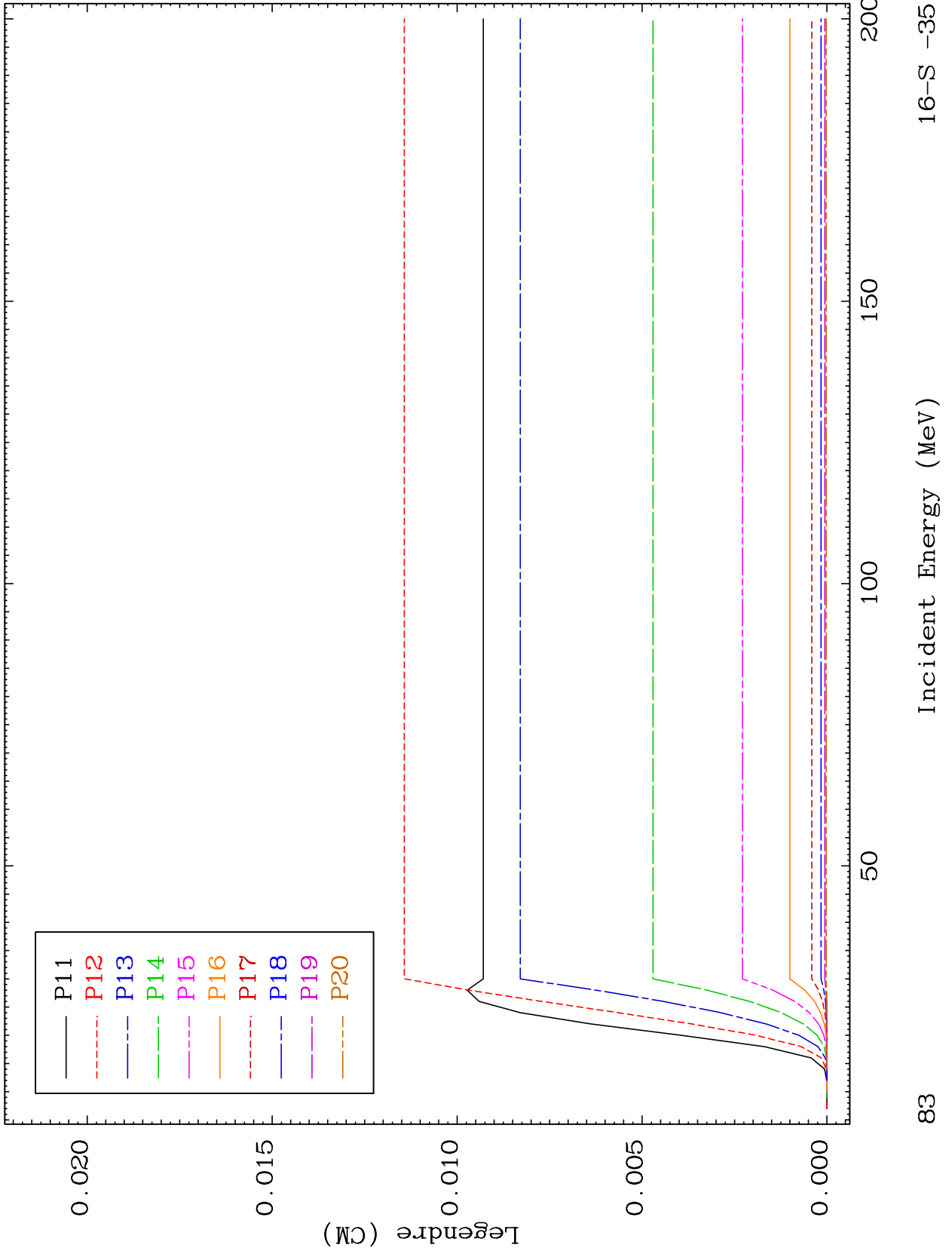
Incident Energy (MeV)

16-S -35

MAT 1634

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

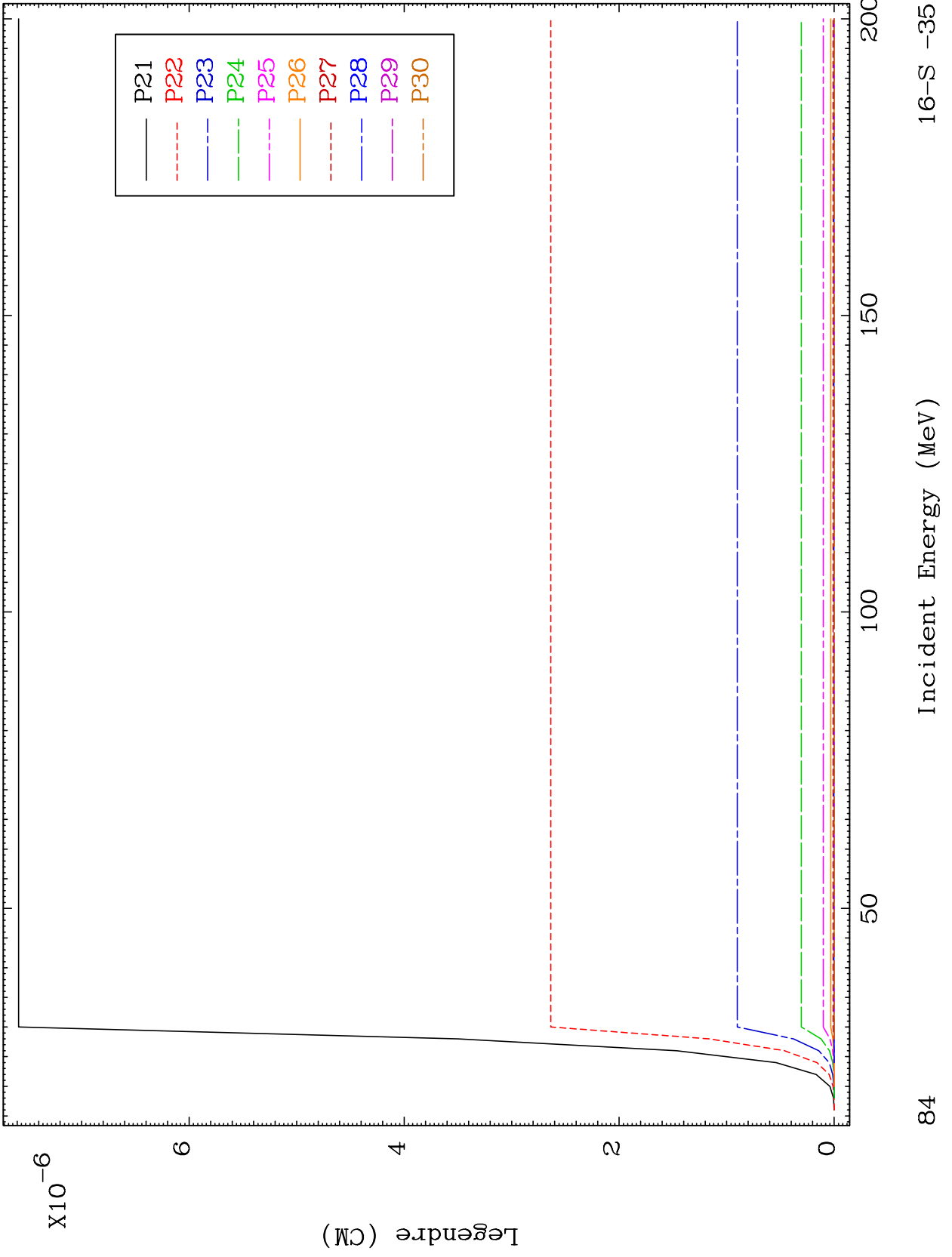
16-S -35



MAT 1634

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

16-S -35

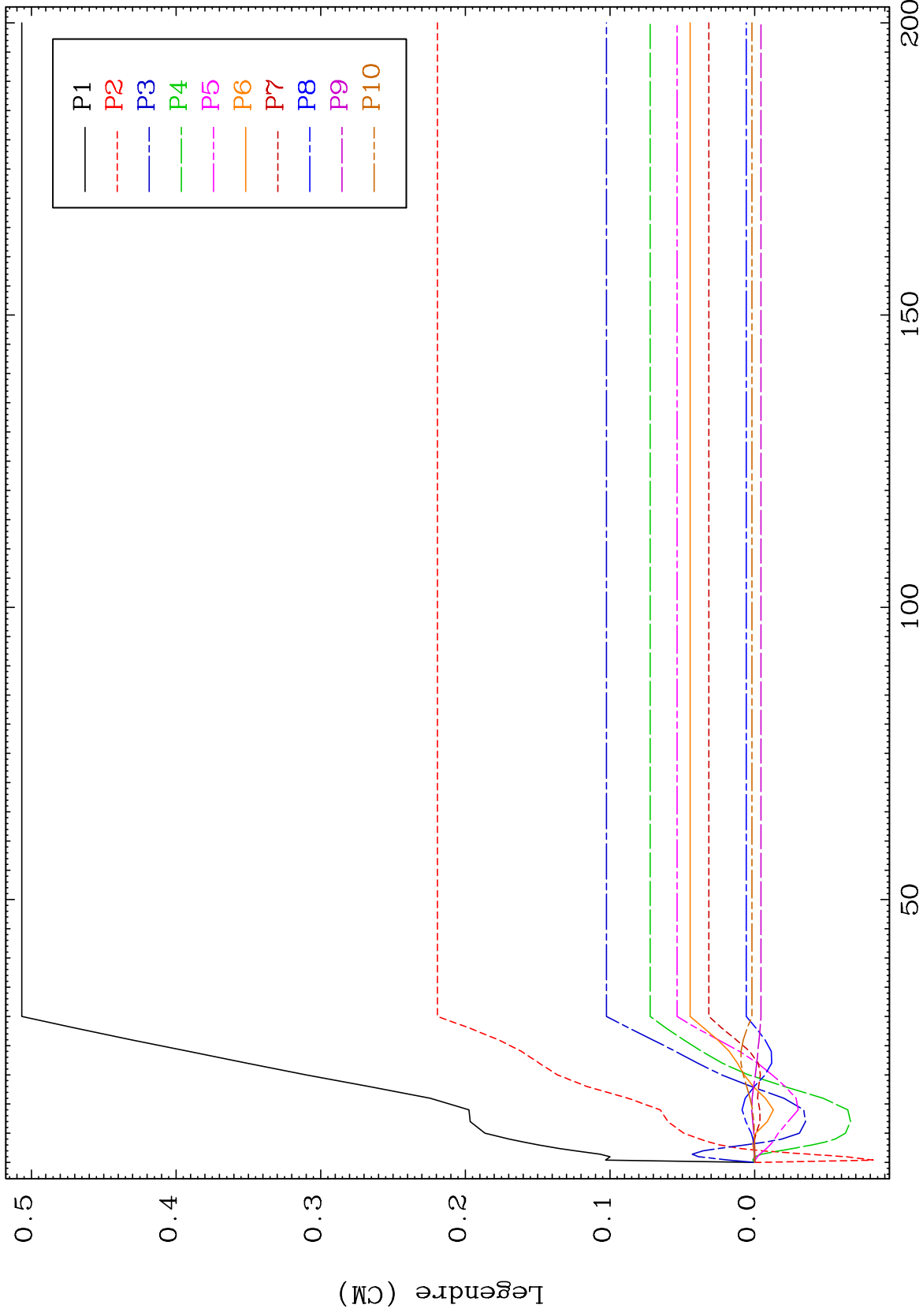


MAT 1634

MT= 74 (n,n') Level

16-S -35

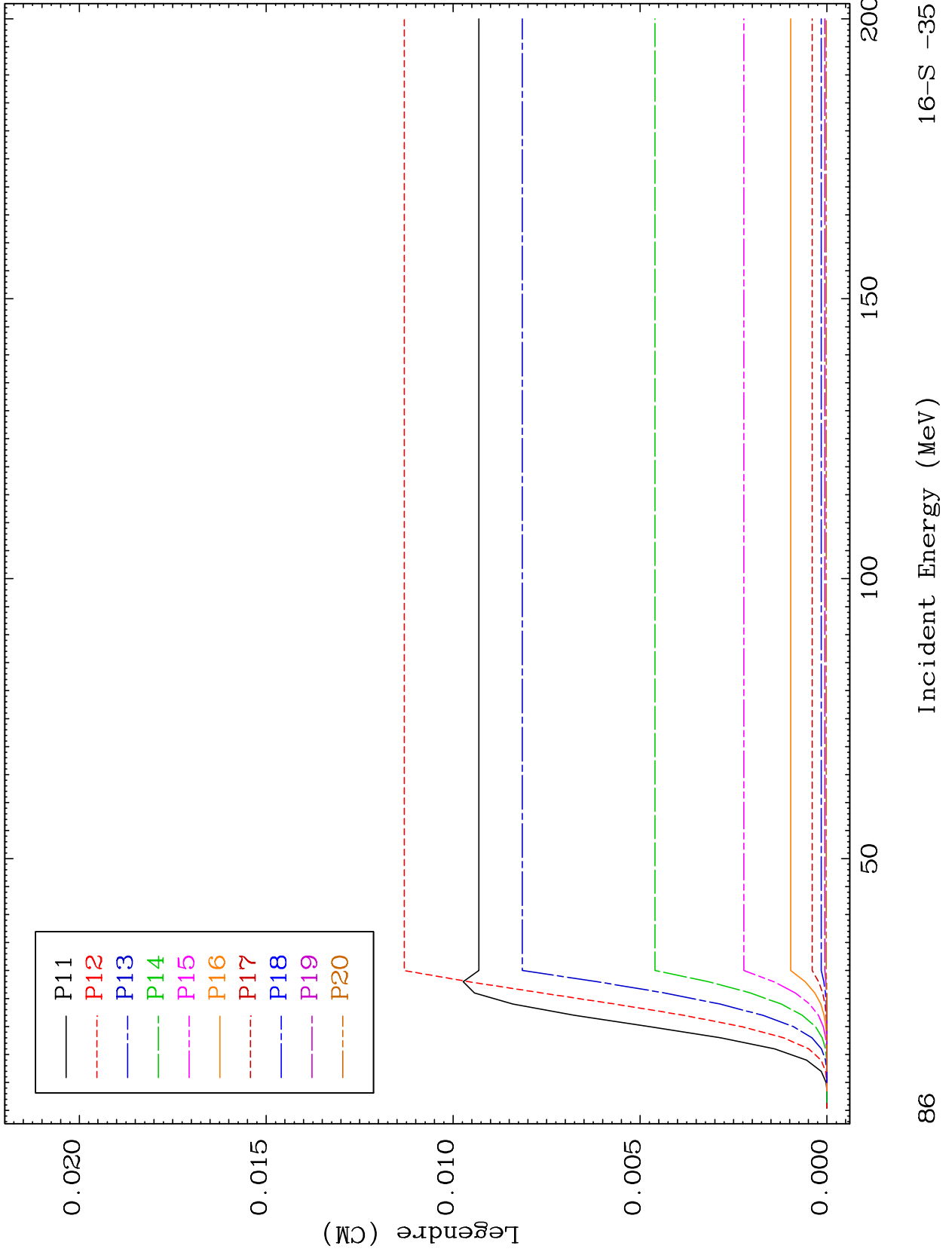
Legendre Coefficients



85

Incident Energy (MeV)

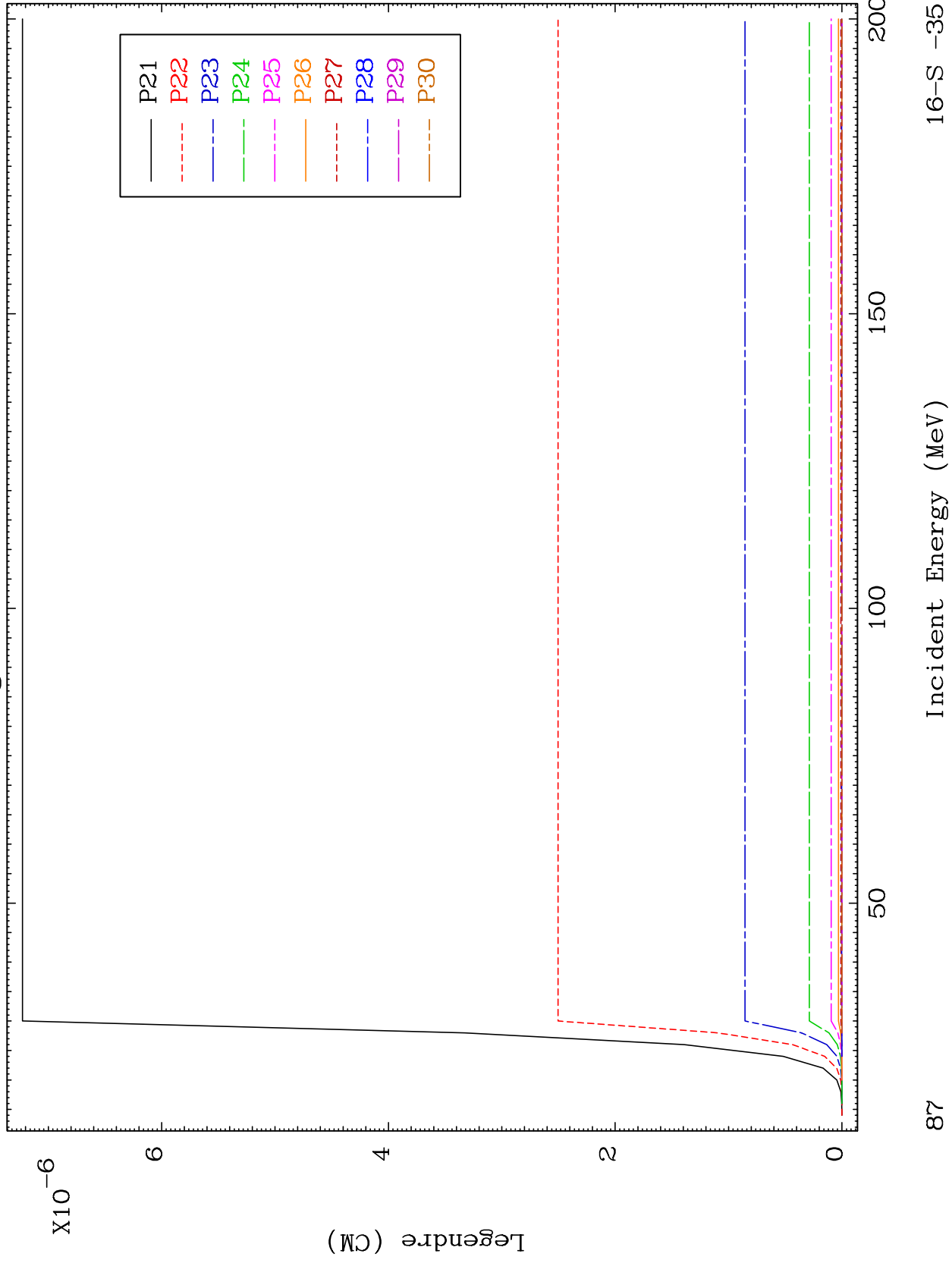
16-S -35



MAT 1634

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

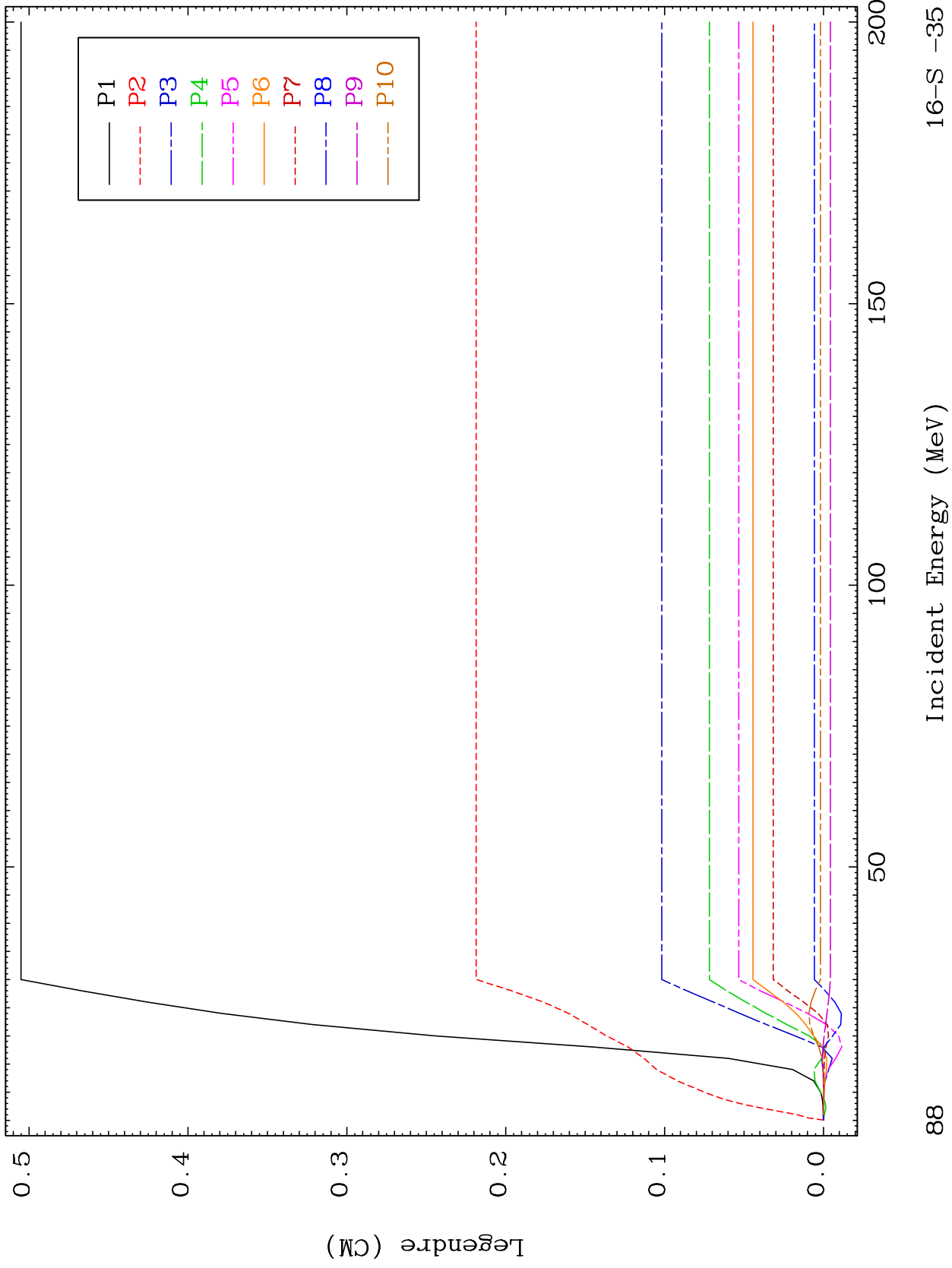
16-S -35



MAT 1634

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

16-S -35

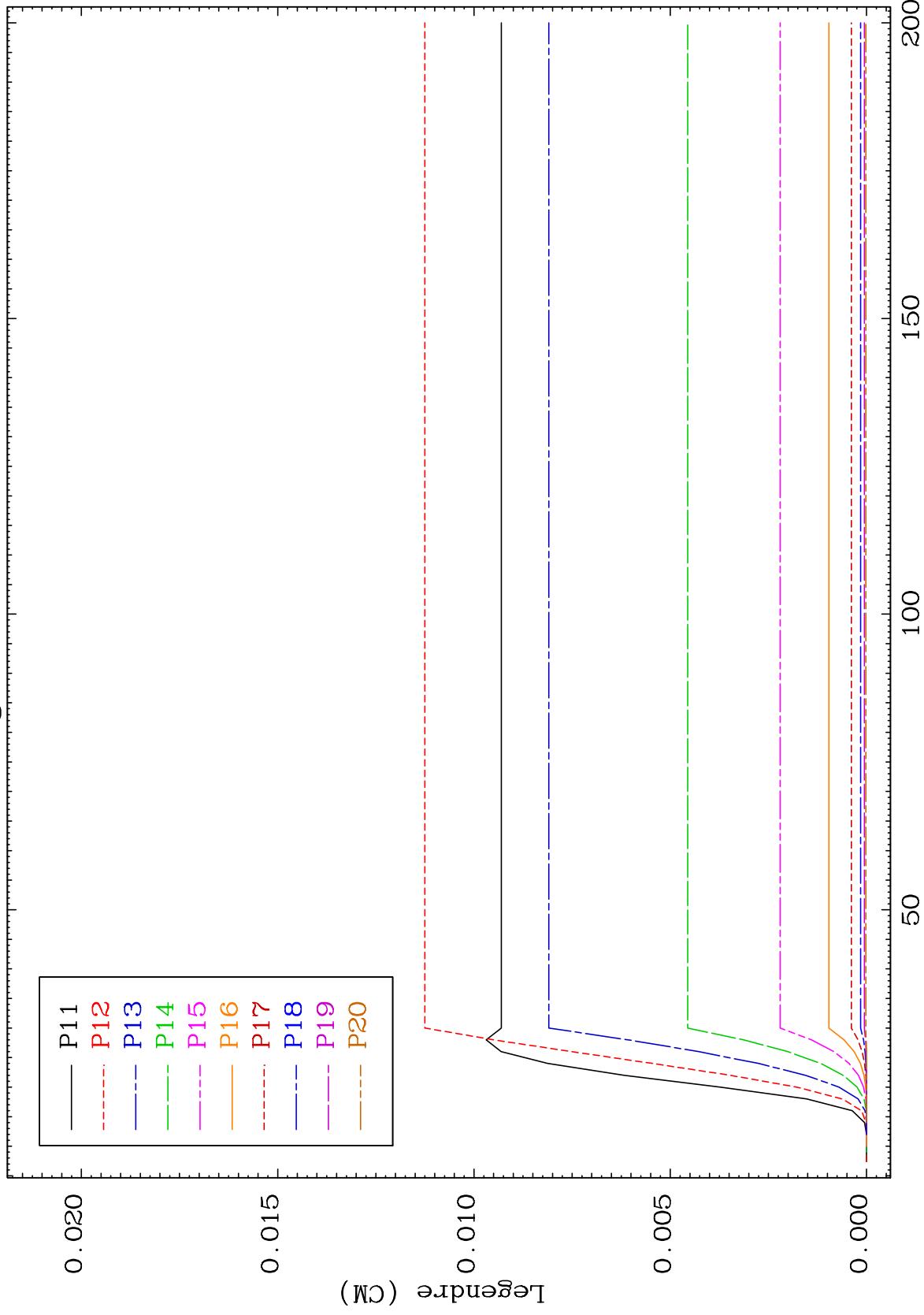


88

MAT 1634

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

16-S -35



89

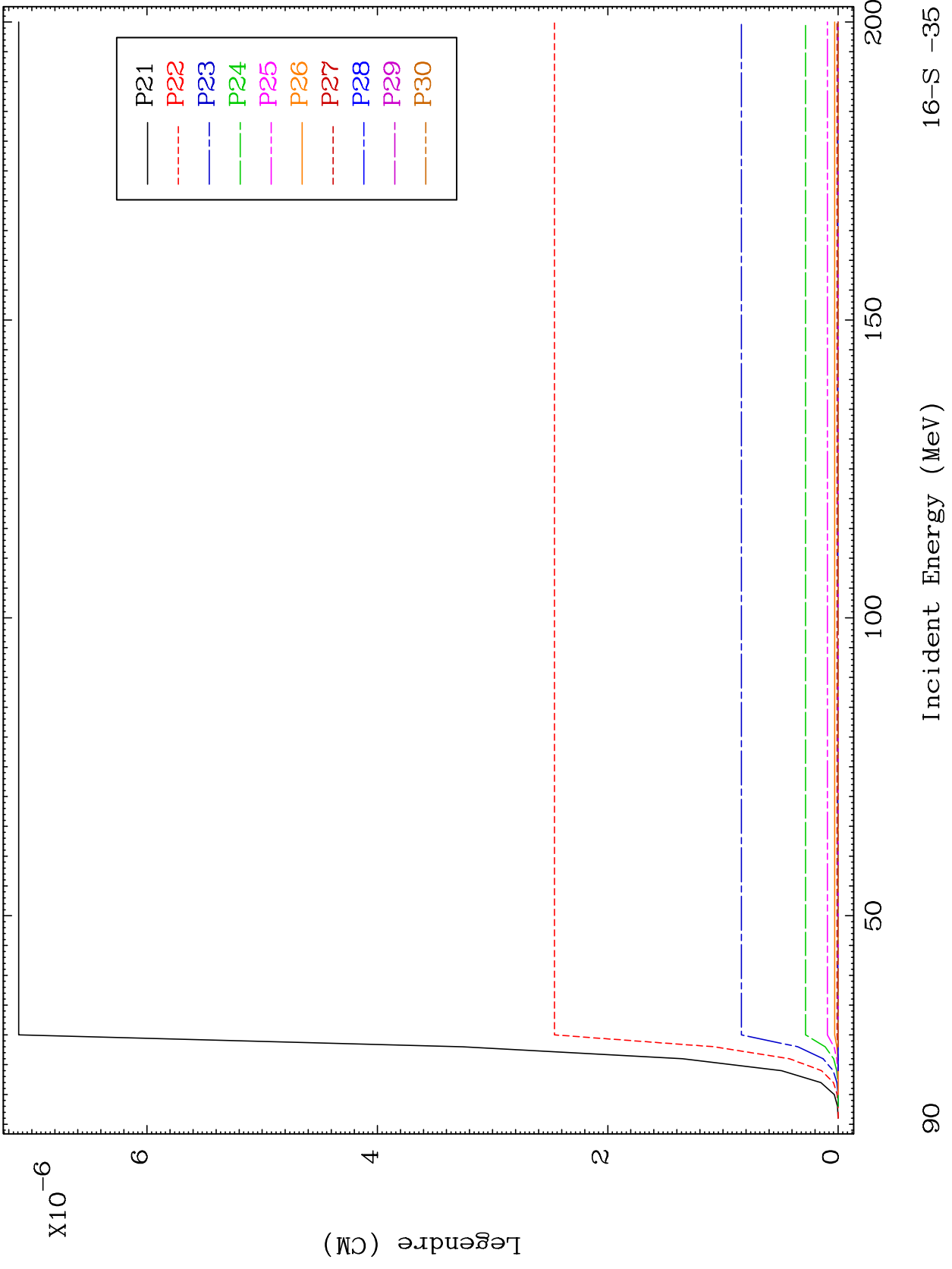
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



90

50

100

150

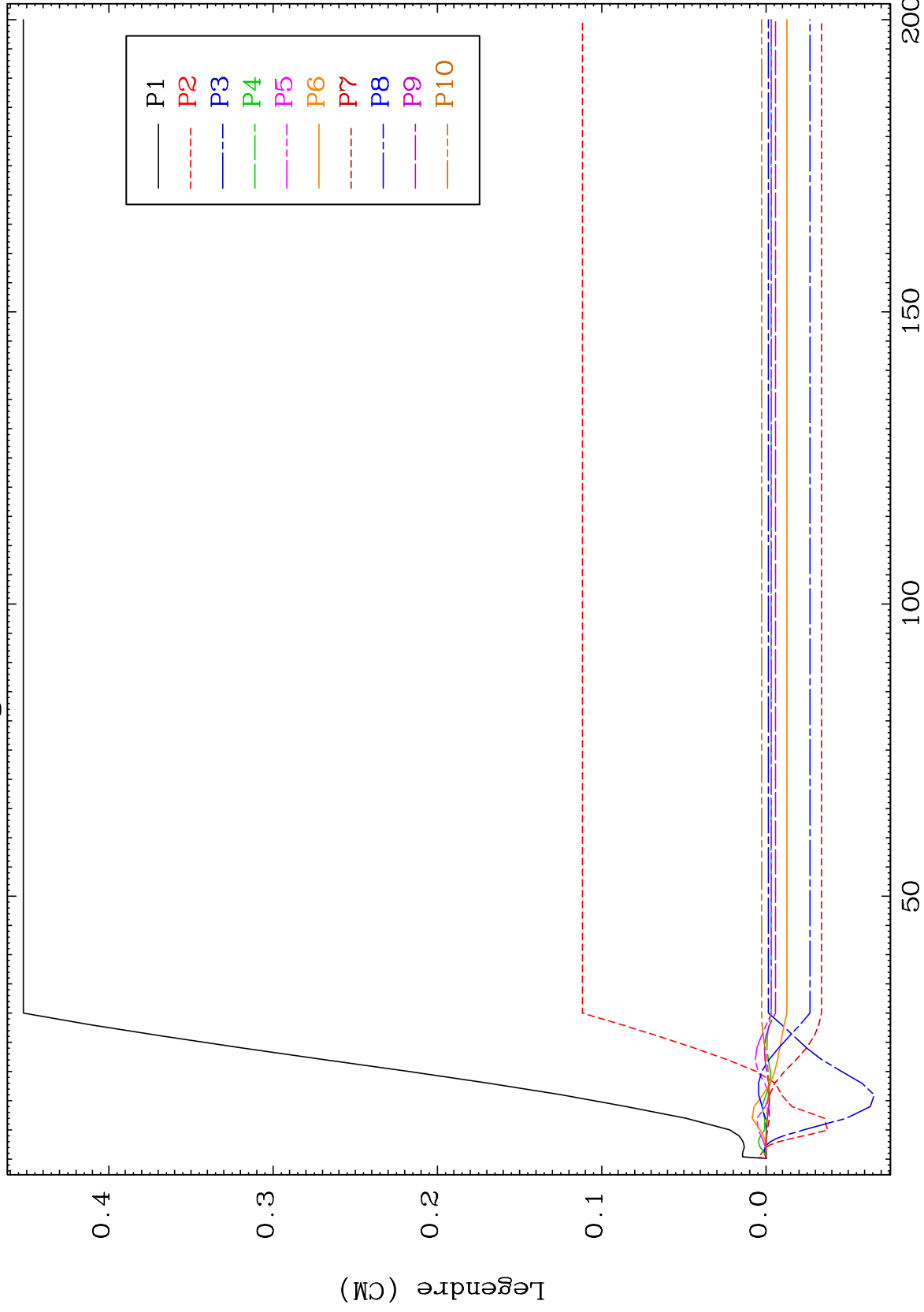
200

16-S -35

MAT 1634

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

16-S -35



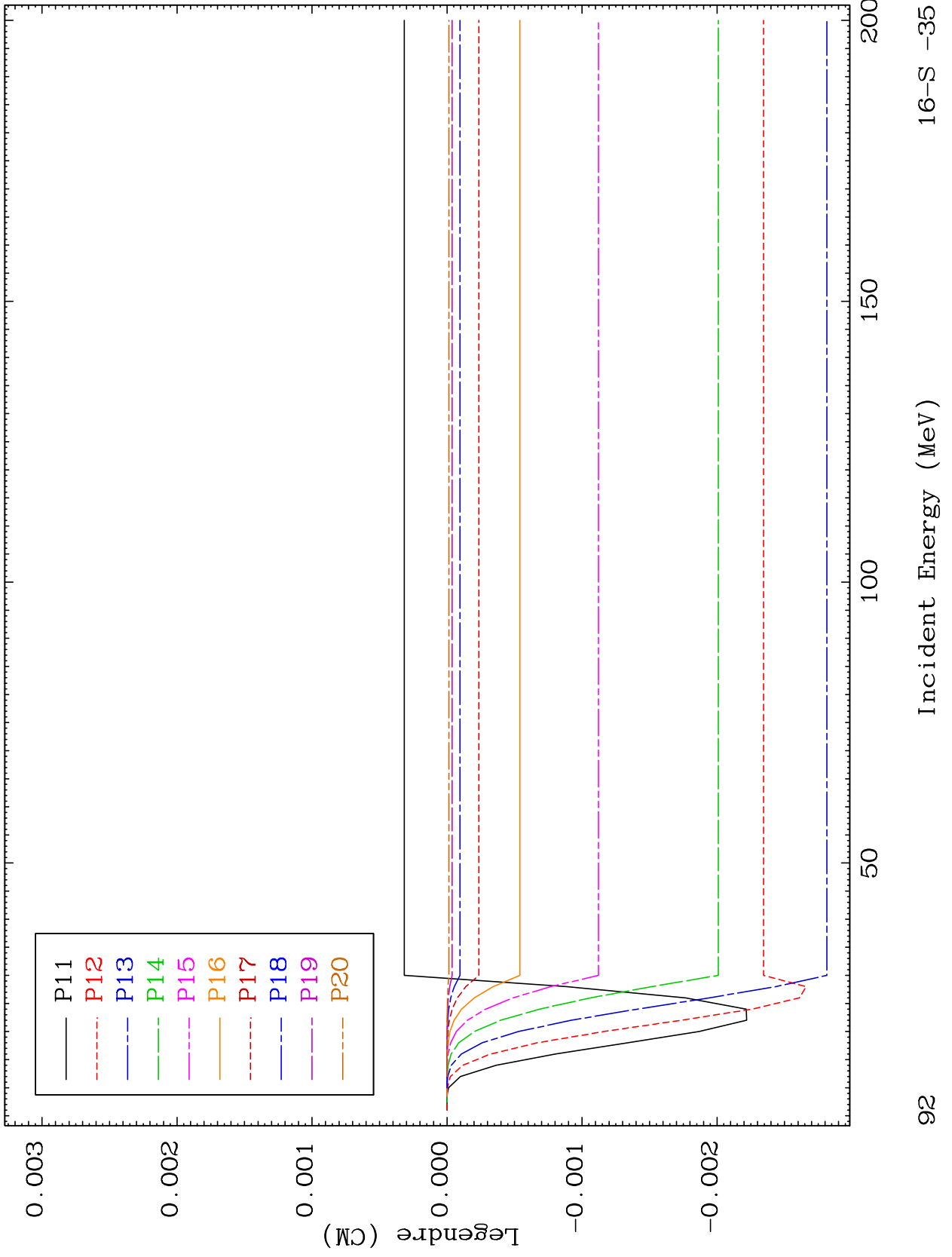
91

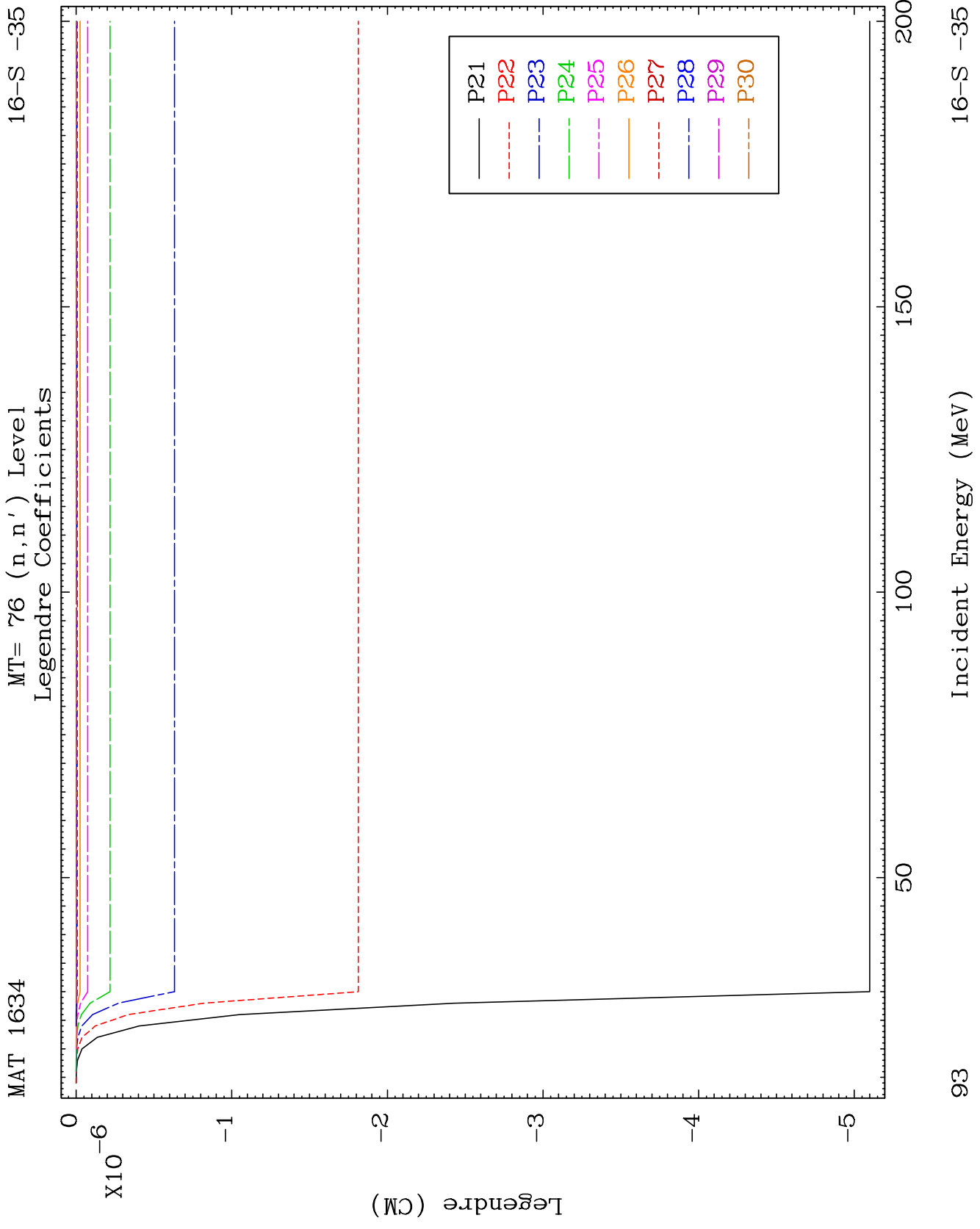
16-S -35

MAT 1634

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

16-S -35

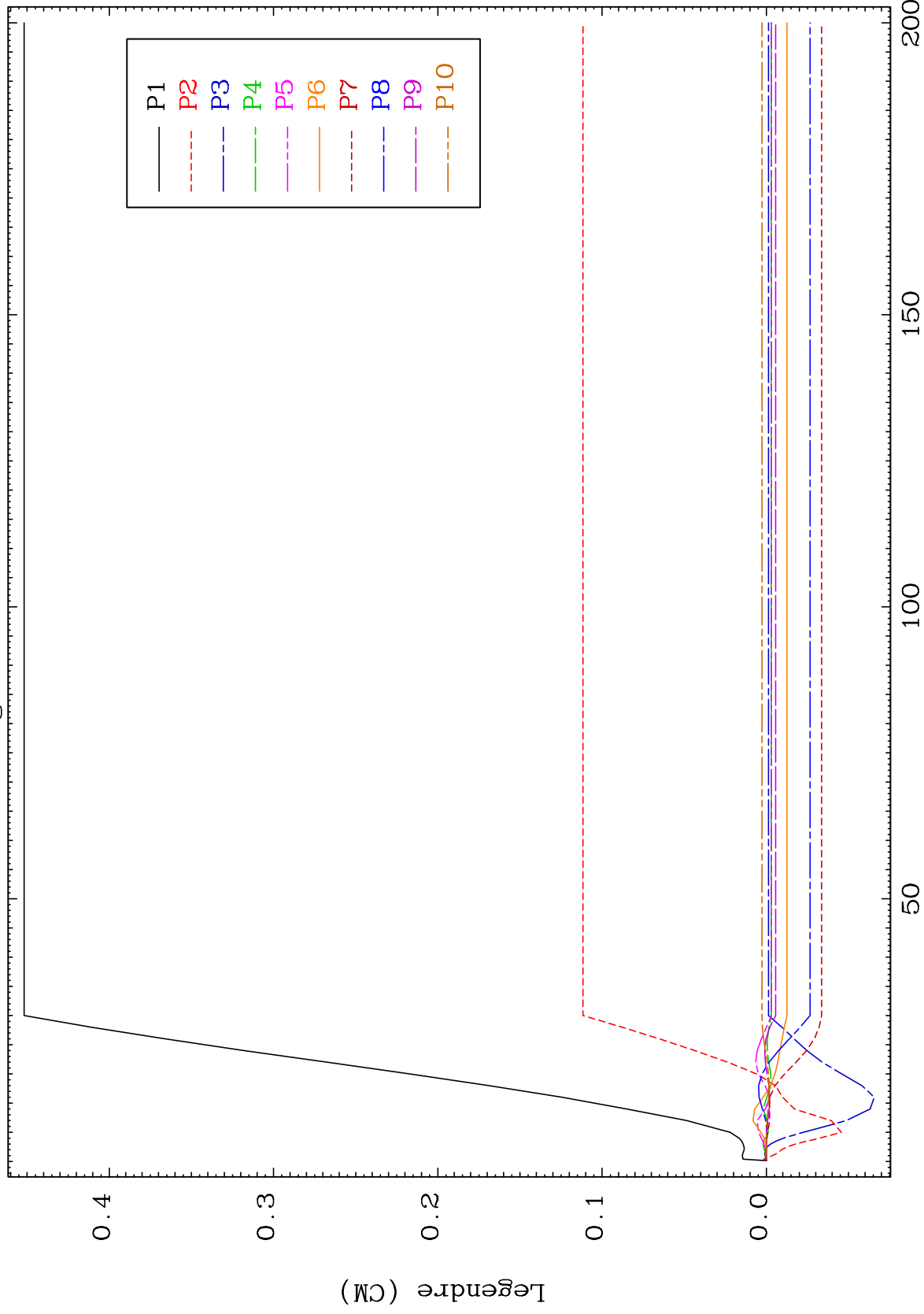




MAT 1634

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

16-S -35



94

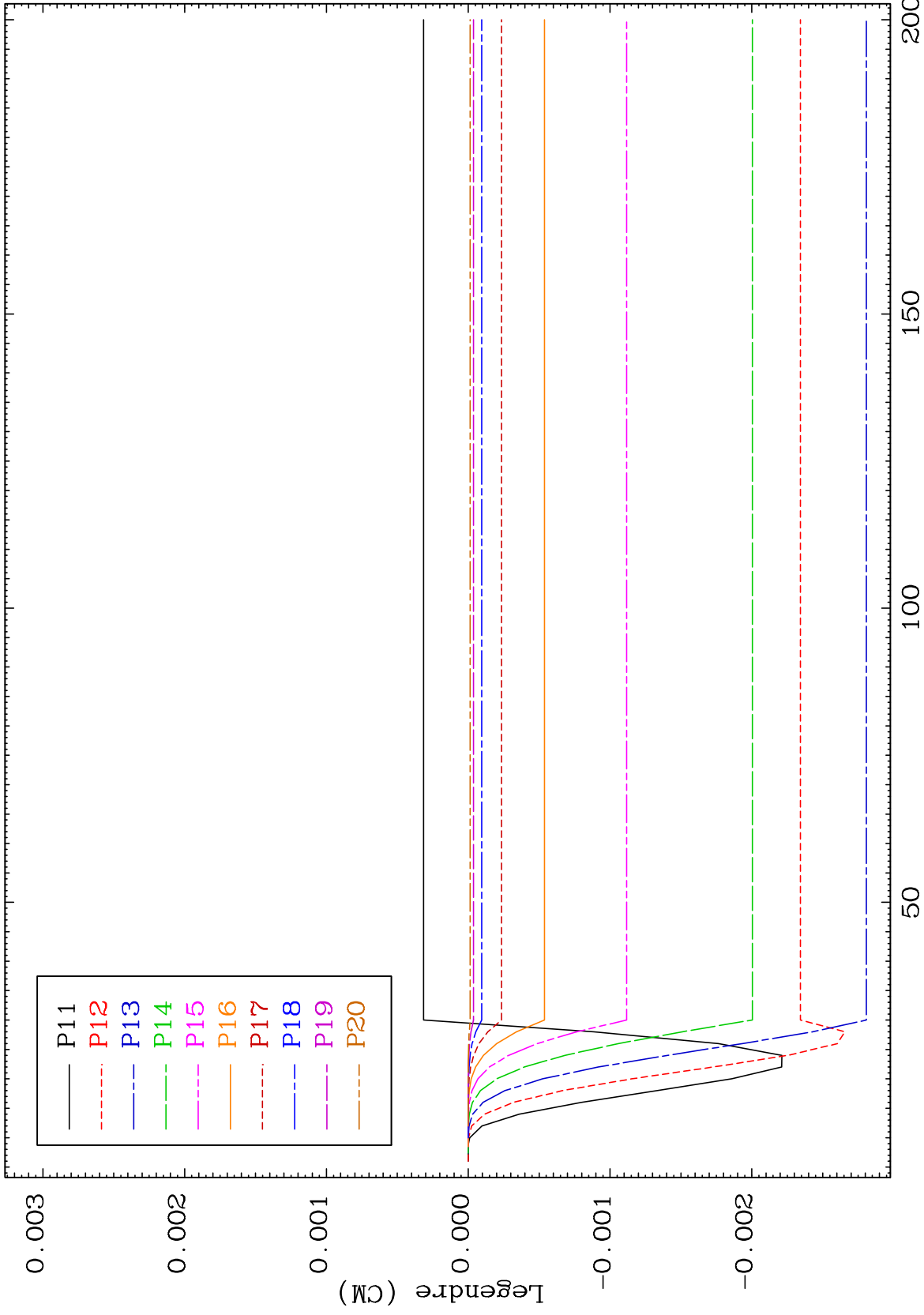
Incident Energy (MeV)

16-S -35

MAT 1634

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

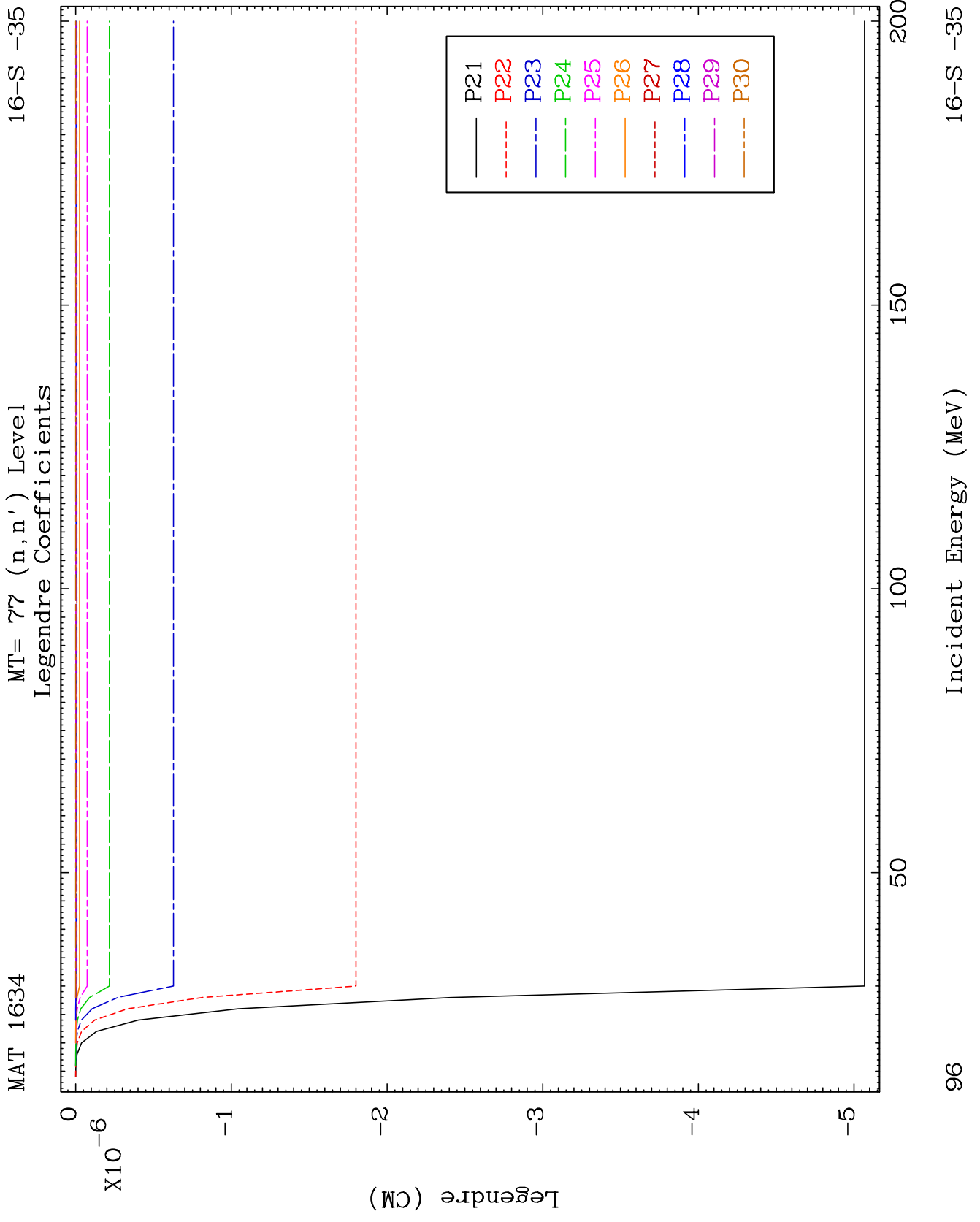
16-S -35



95

Incident Energy (MeV)

16-S -35

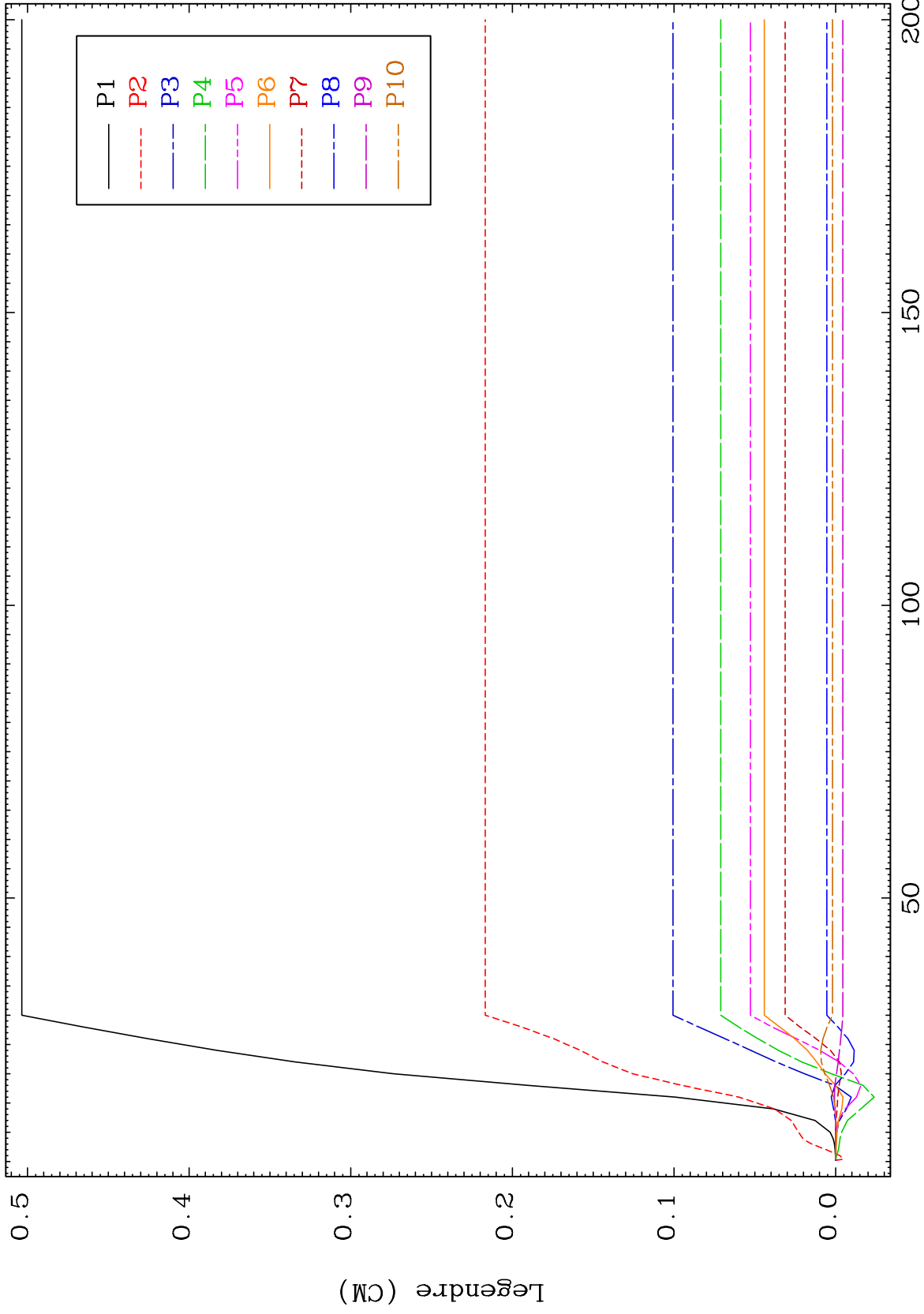


MAT 1634

MT= 78 (n,n') Level

16-S -35

Legendre Coefficients



97

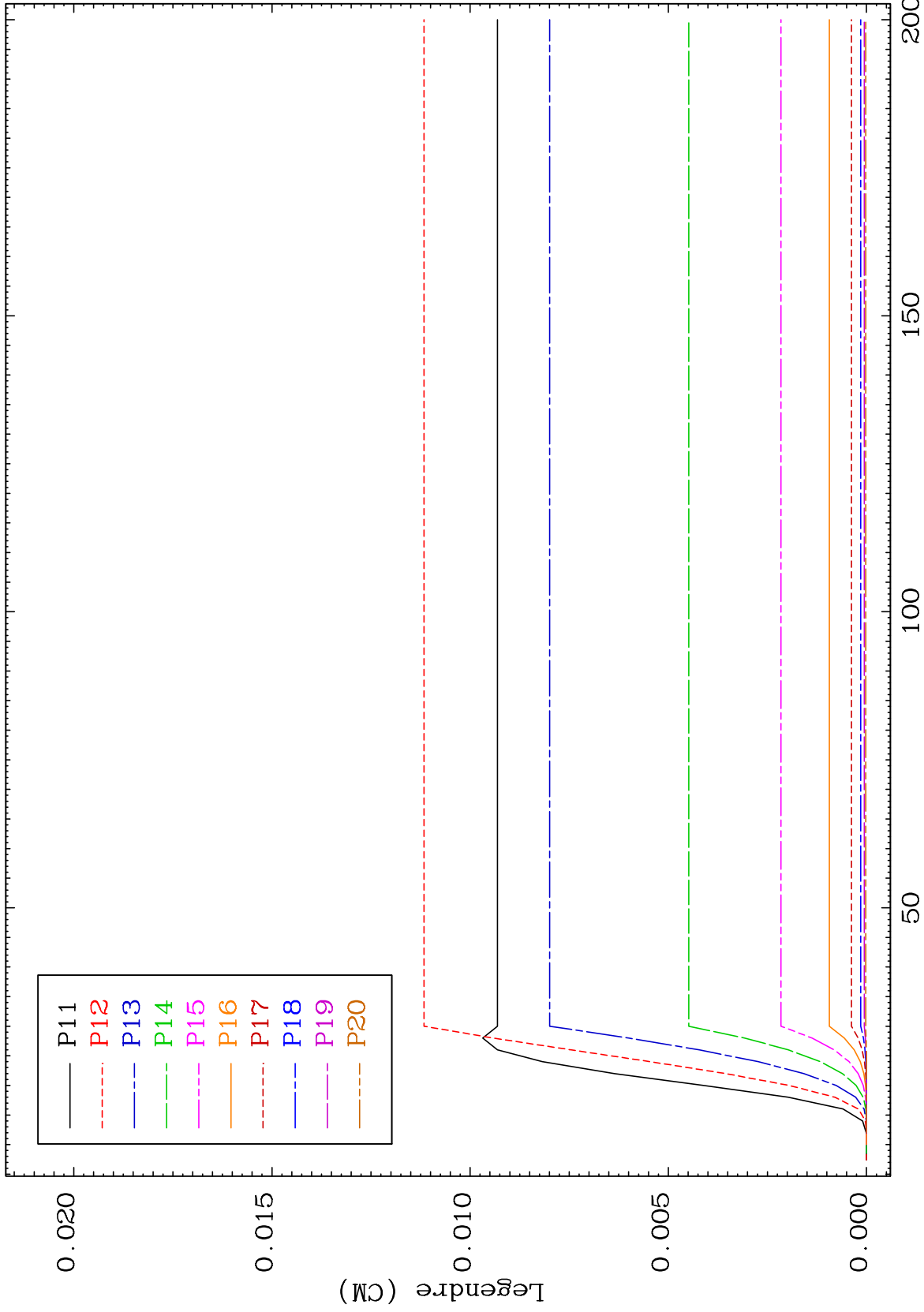
Incident Energy (MeV)

16-S -35

MAT 1634

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

16-S -35



98

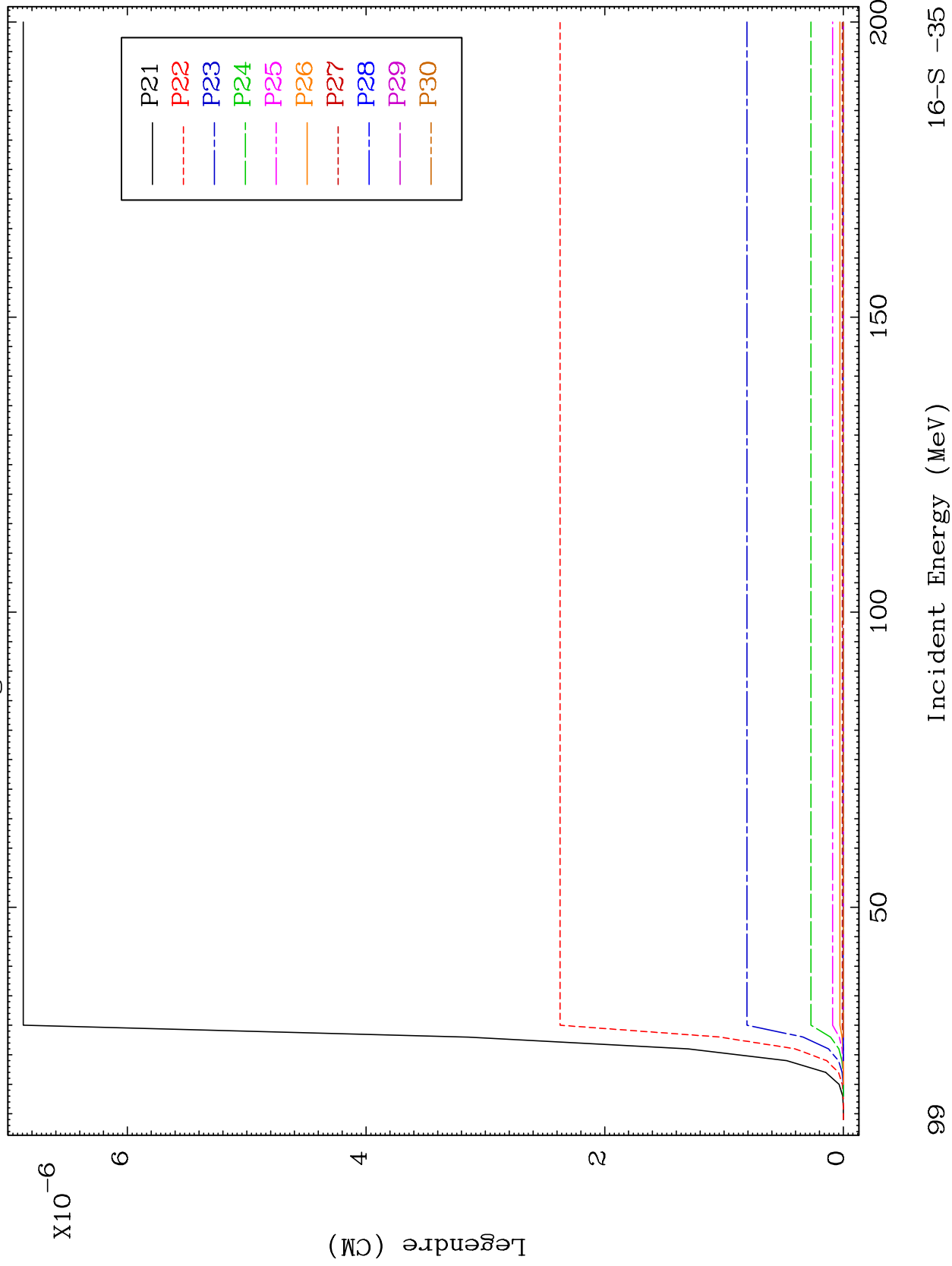
Incident Energy (MeV)

16-S -35

MAT 1634

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

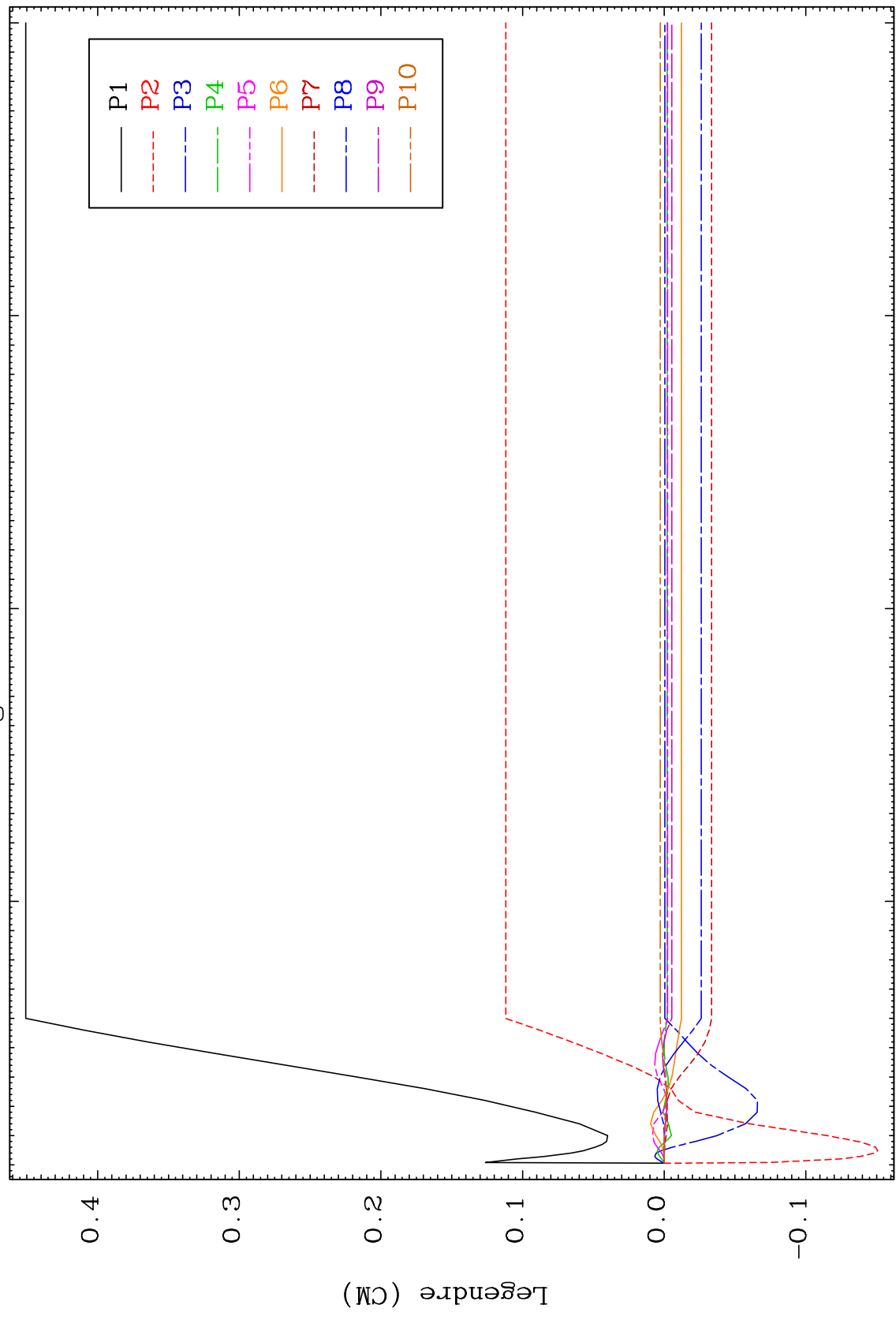
16-S -35



MAT 1634

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

16-S -35



16-S -35

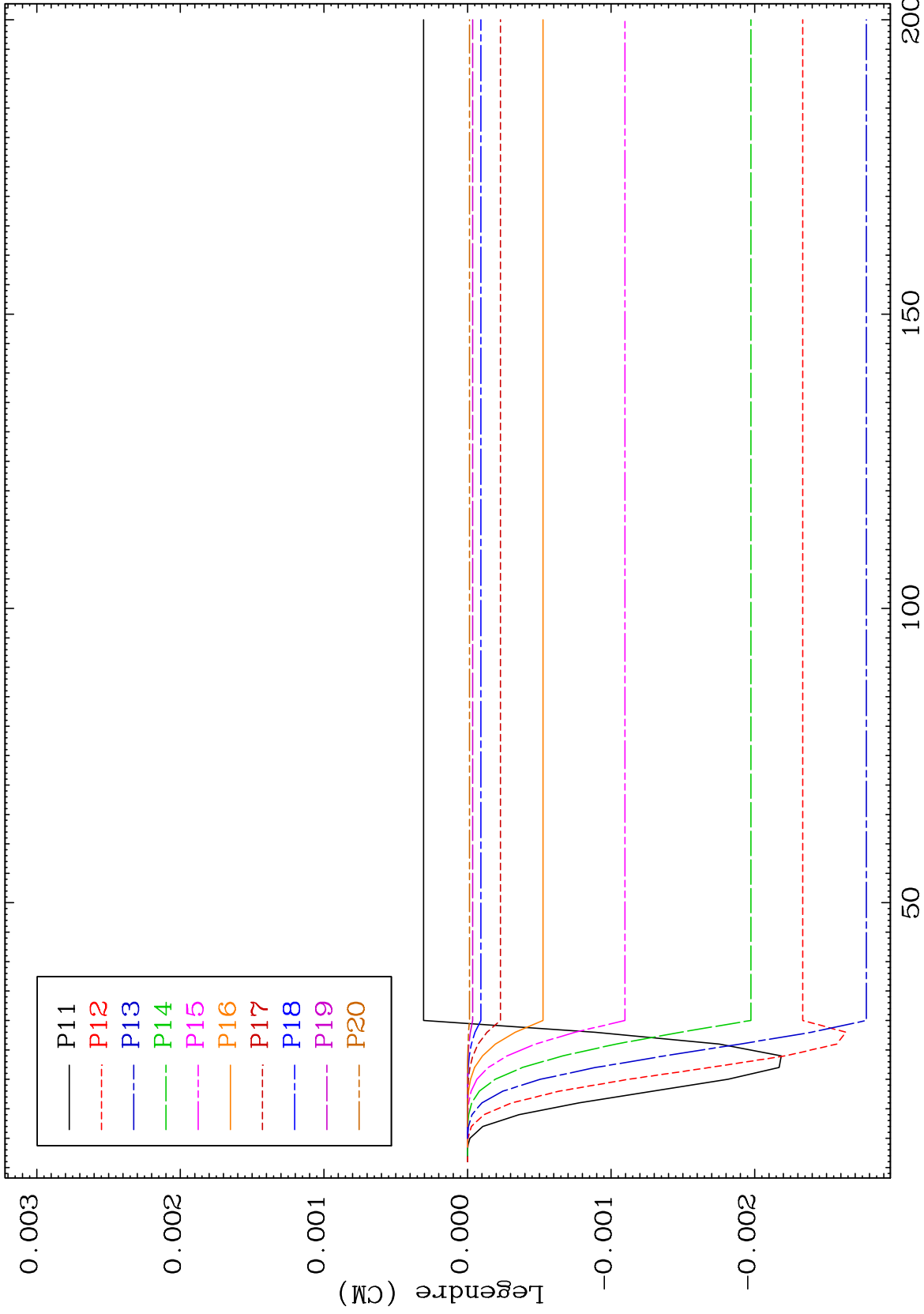
Incident Energy (MeV)

100

MAT 1634

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

16-S -35



101

Incident Energy (MeV)

16-S -35

