

Program EVALPLOT  
(Version 2017-1)

by

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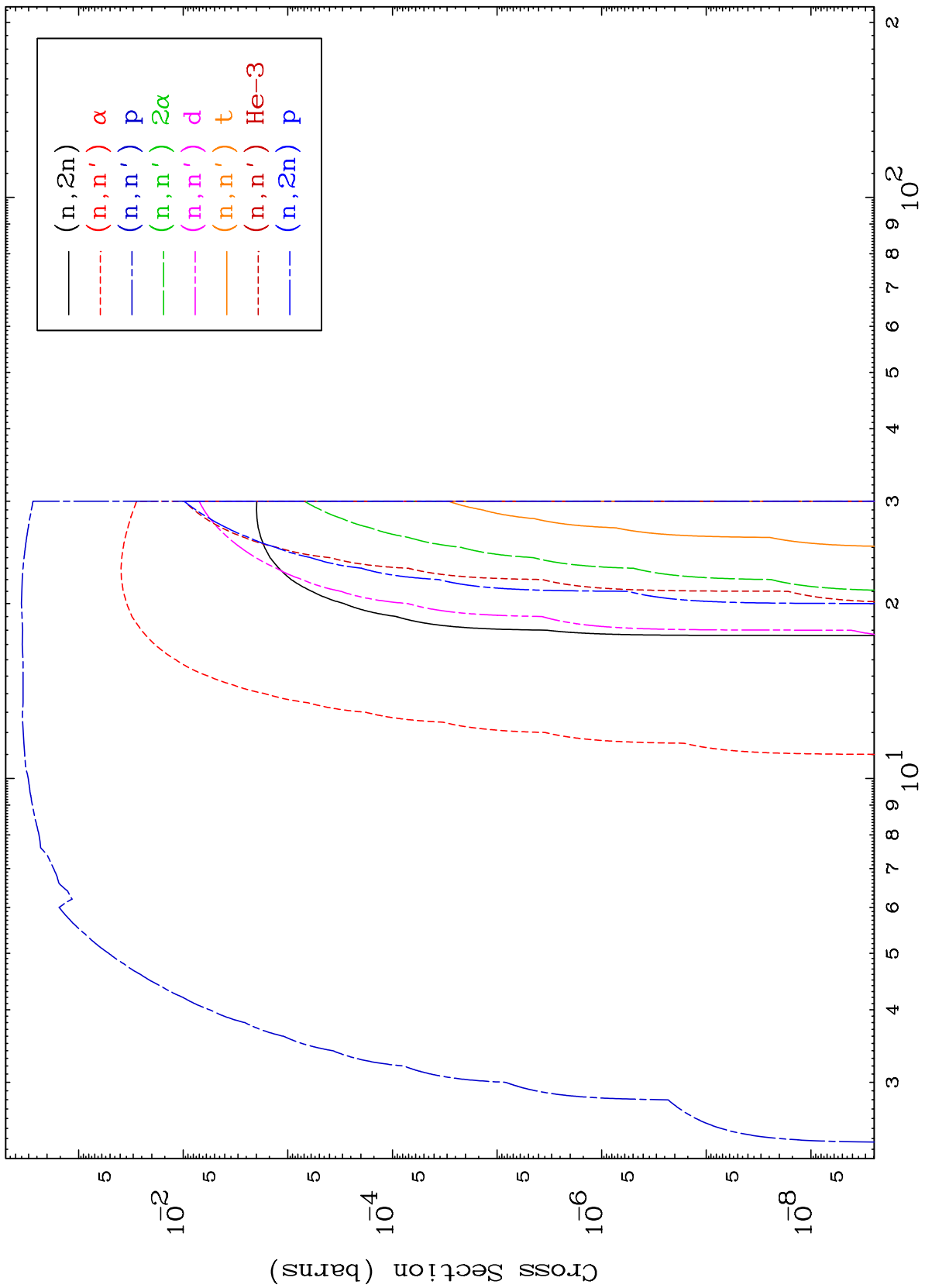
Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

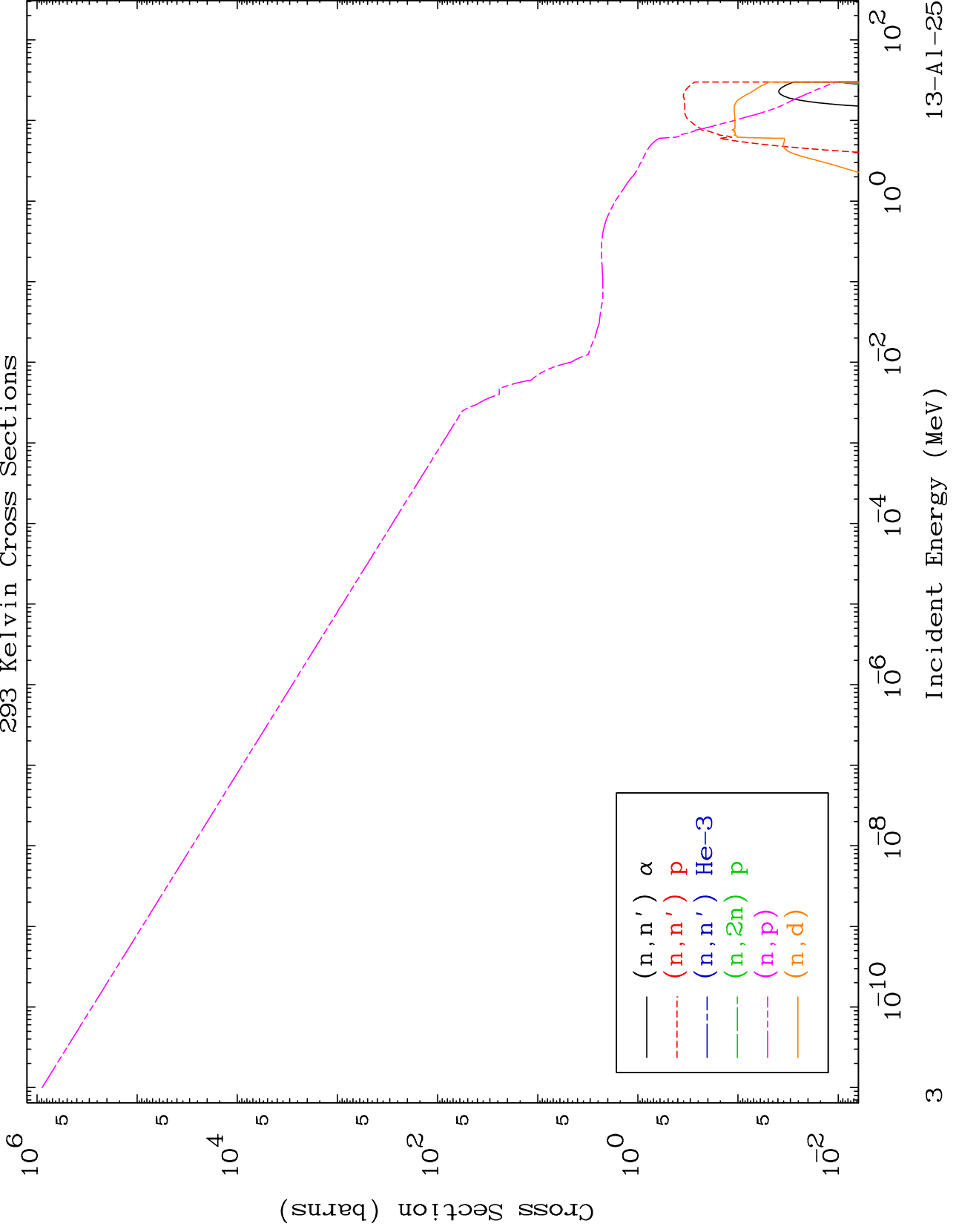




MAT 1319

Charged Particle  
293 Kelvin Cross Sections

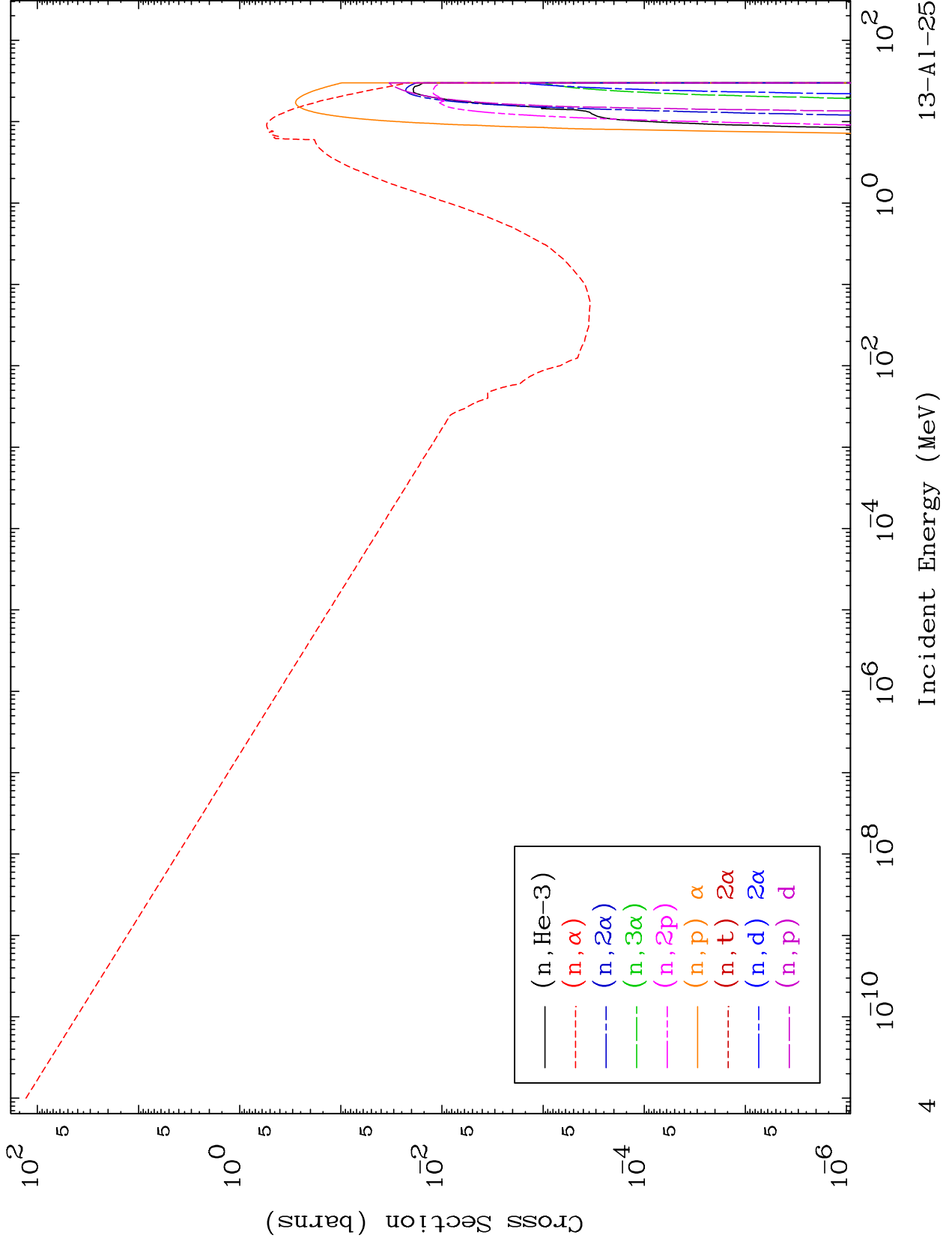
13-Al-25



MAT 1319

Charged Particle  
293 Kelvin Cross Sections

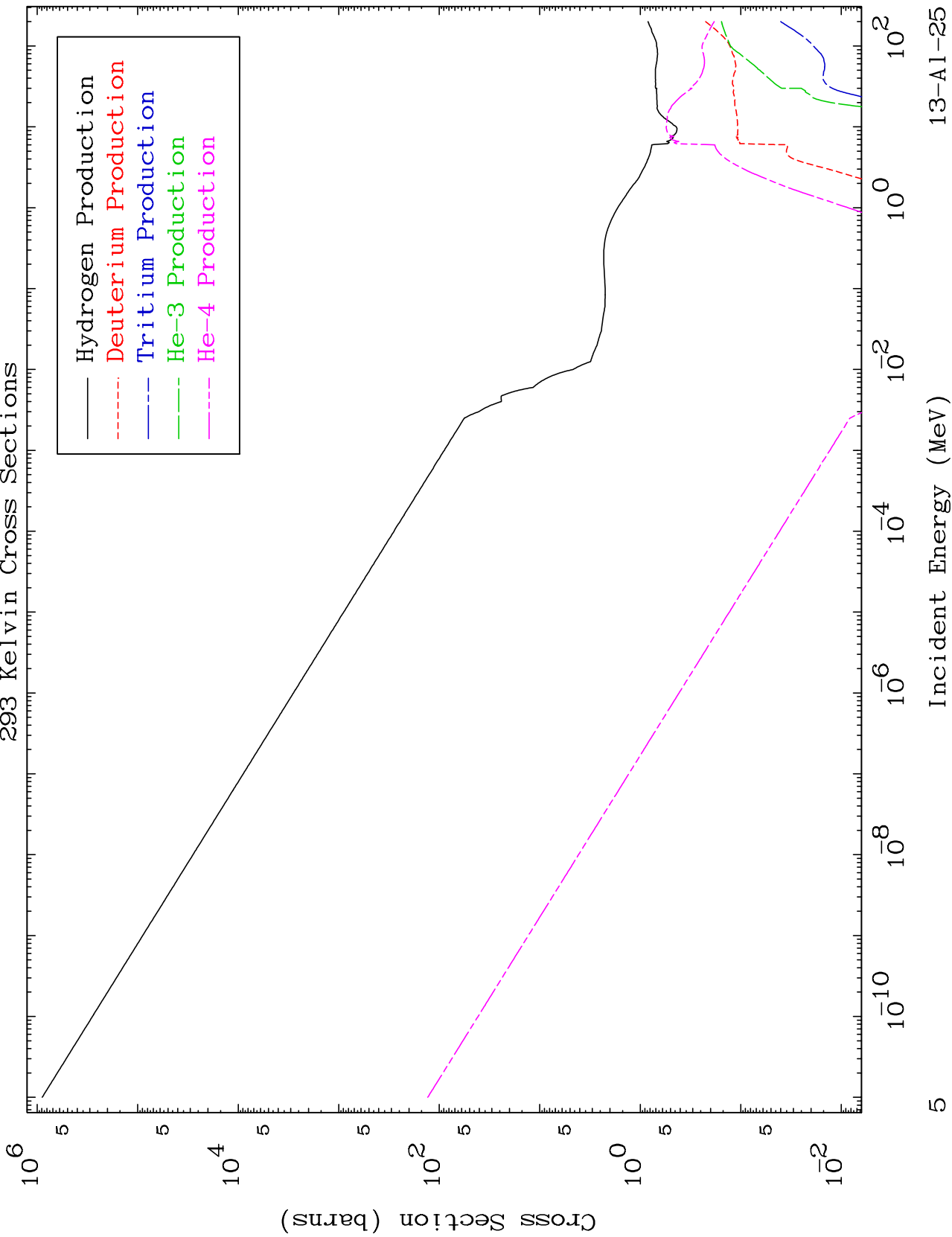
13-Al-25



MAT 1319

Particle Production  
293 Kelvin Cross Sections

13-A1-25

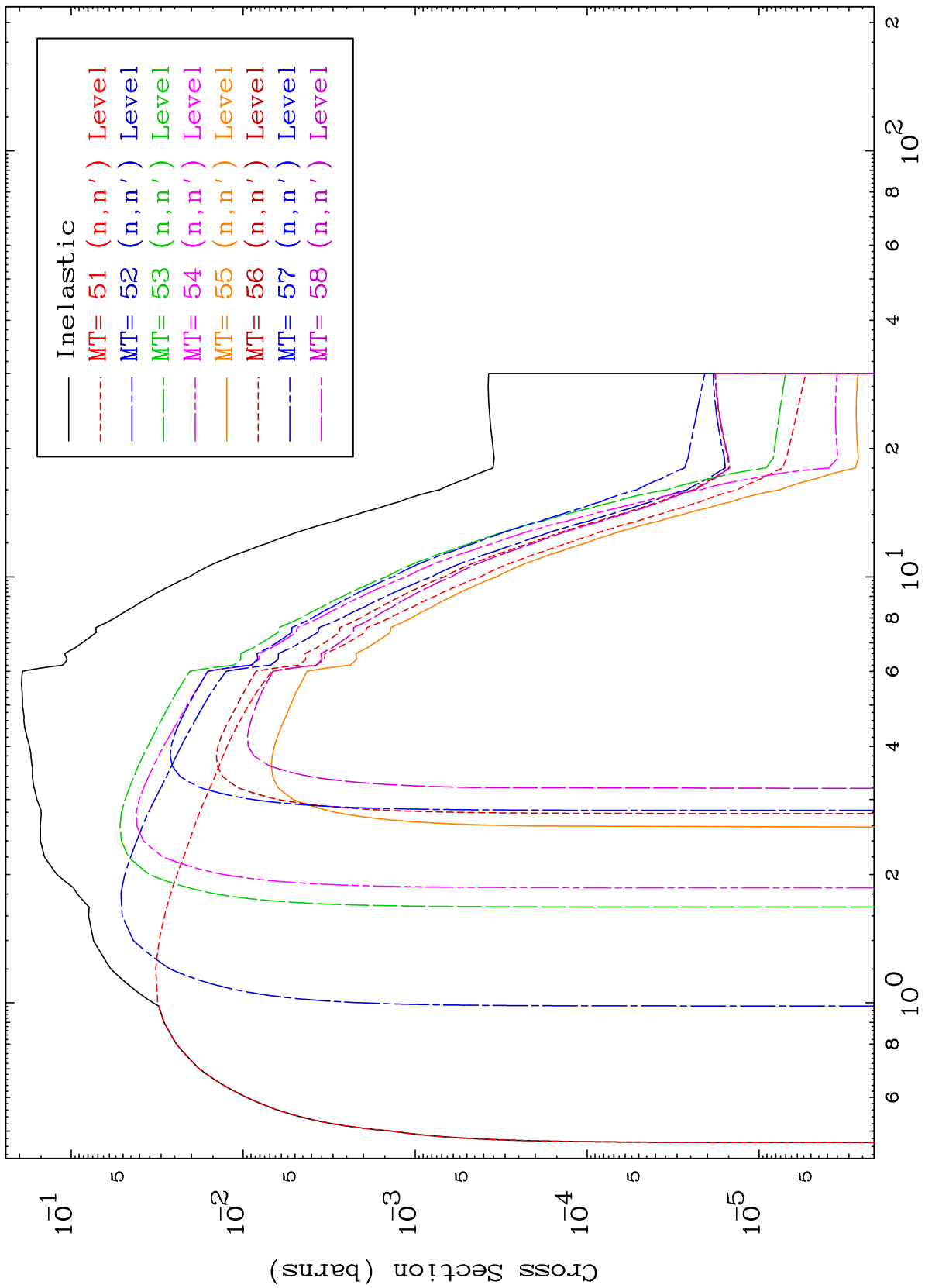


MAT 1319

(n,n') Level

13-Al-25

293 Kelvin Cross Sections

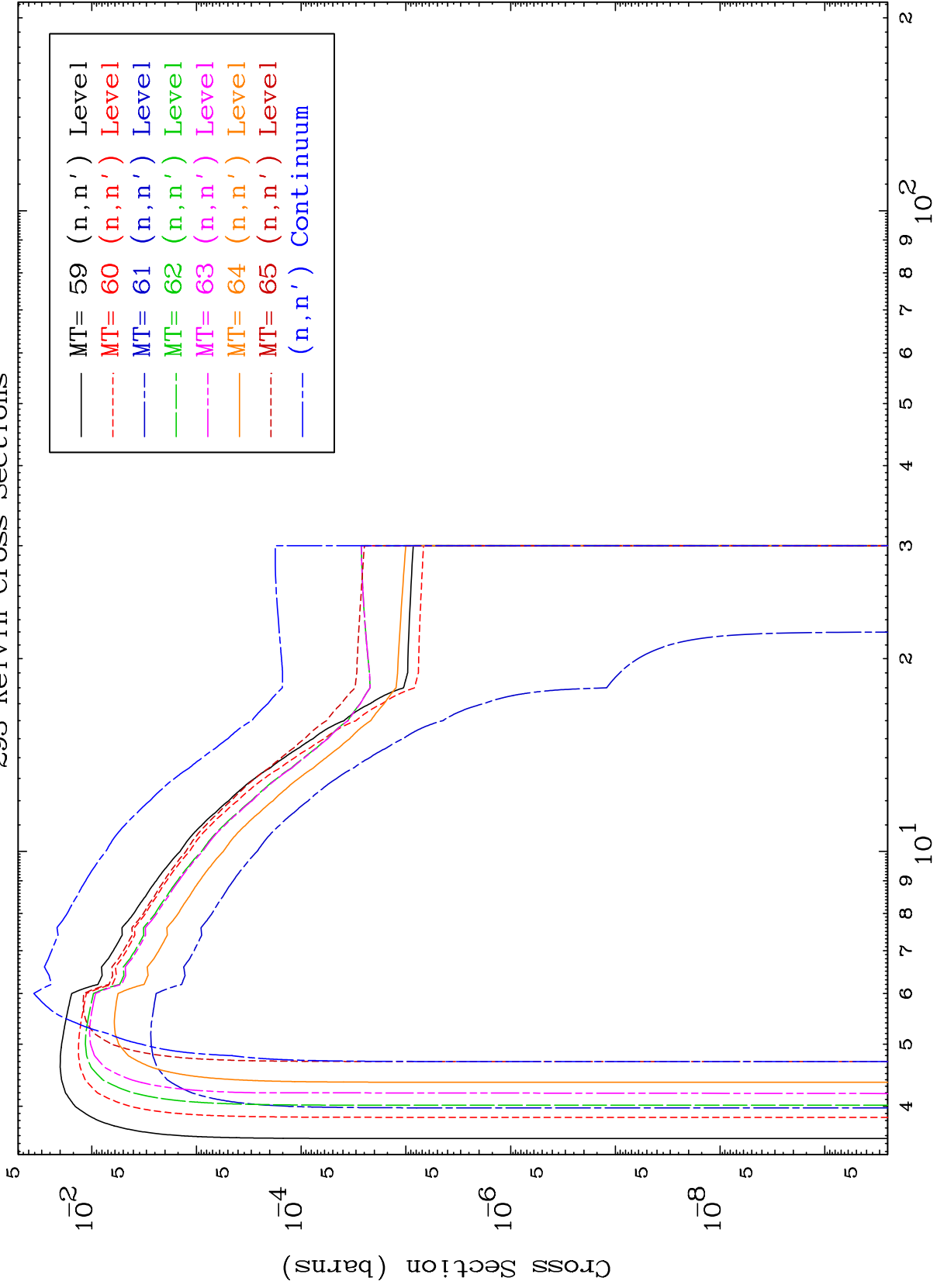


6

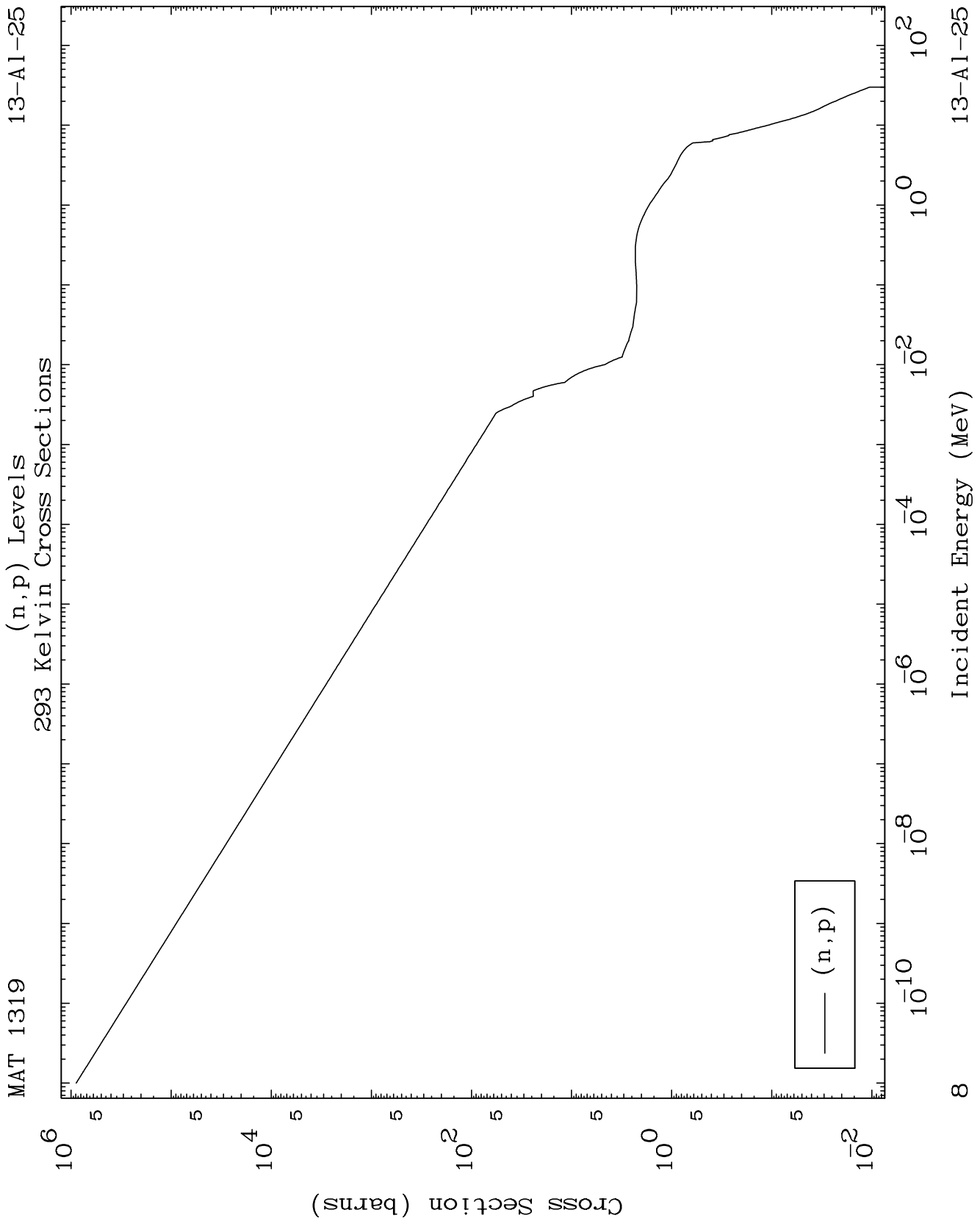
Incident Energy (MeV)

13-Al-25

293 Kelvin Cross Sections



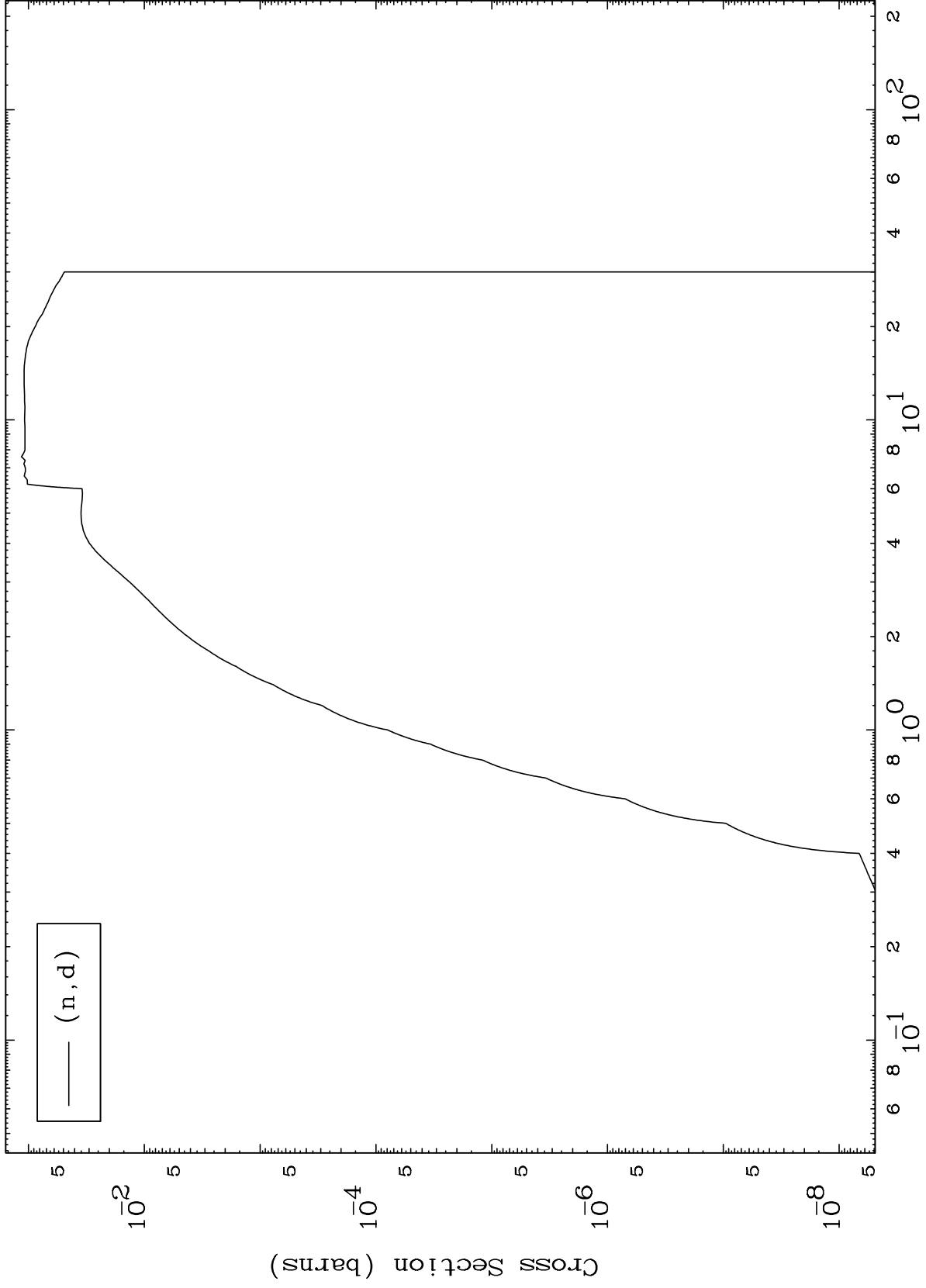




MAT 1319

(n,d) Levels  
293 Kelvin Cross Sections

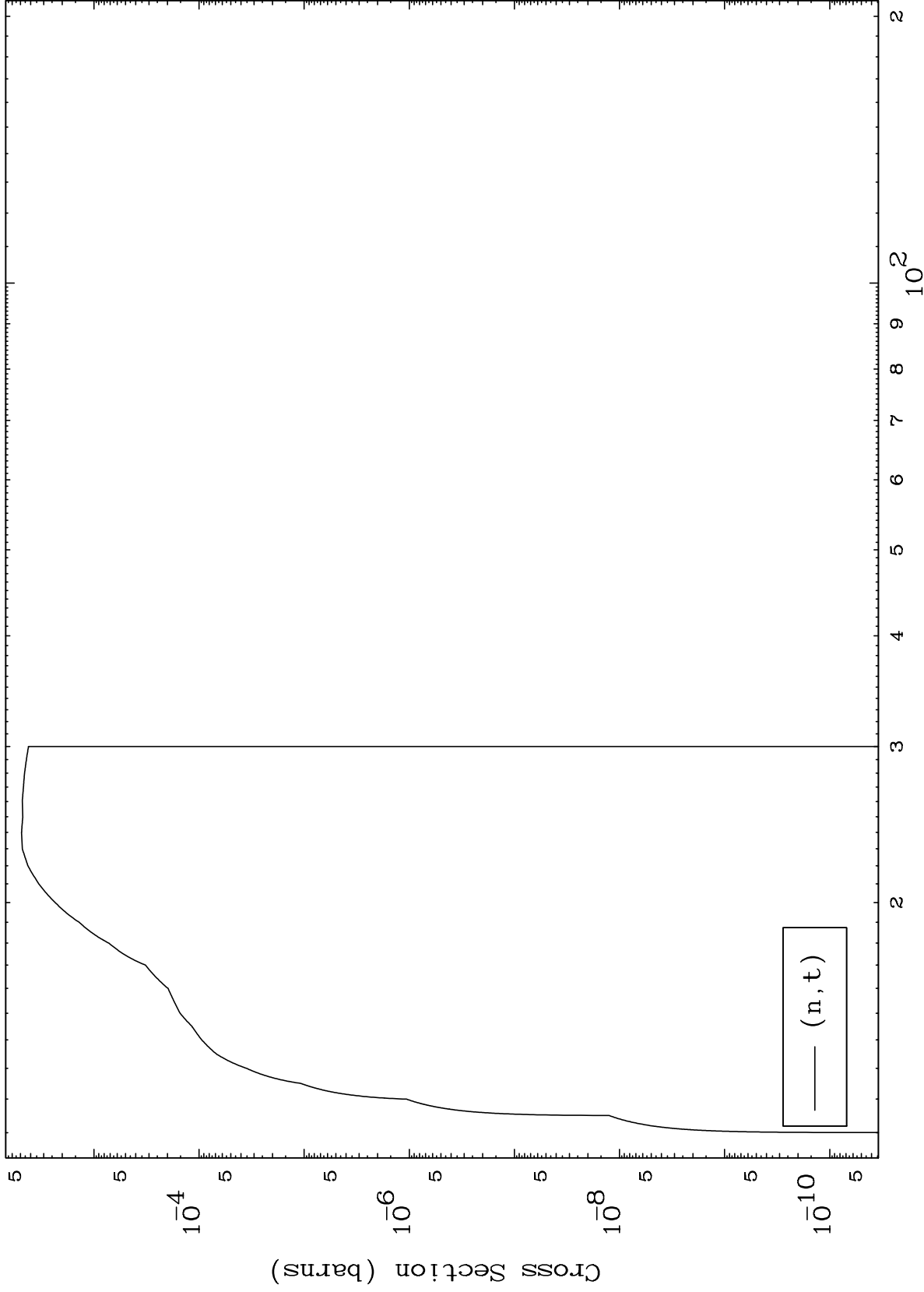
13-Al-25



MAT 1319

(n,t) Levels  
293 Kelvin Cross Sections

13-Al-25



10

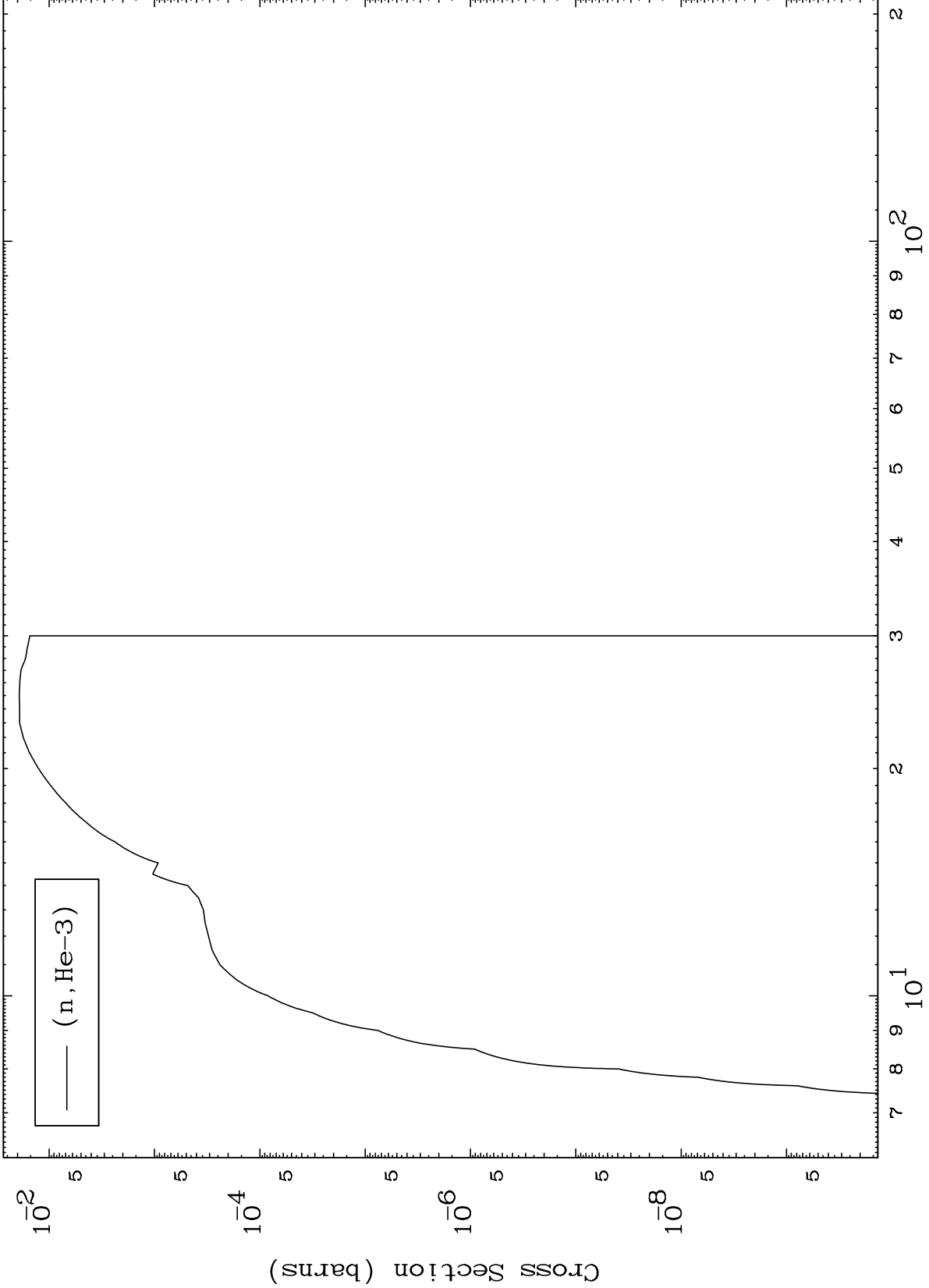
Incident Energy (MeV)

13-Al-25

MAT 1319

(n,He3) Levels  
293 Kelvin Cross Sections

13-A1-25



11

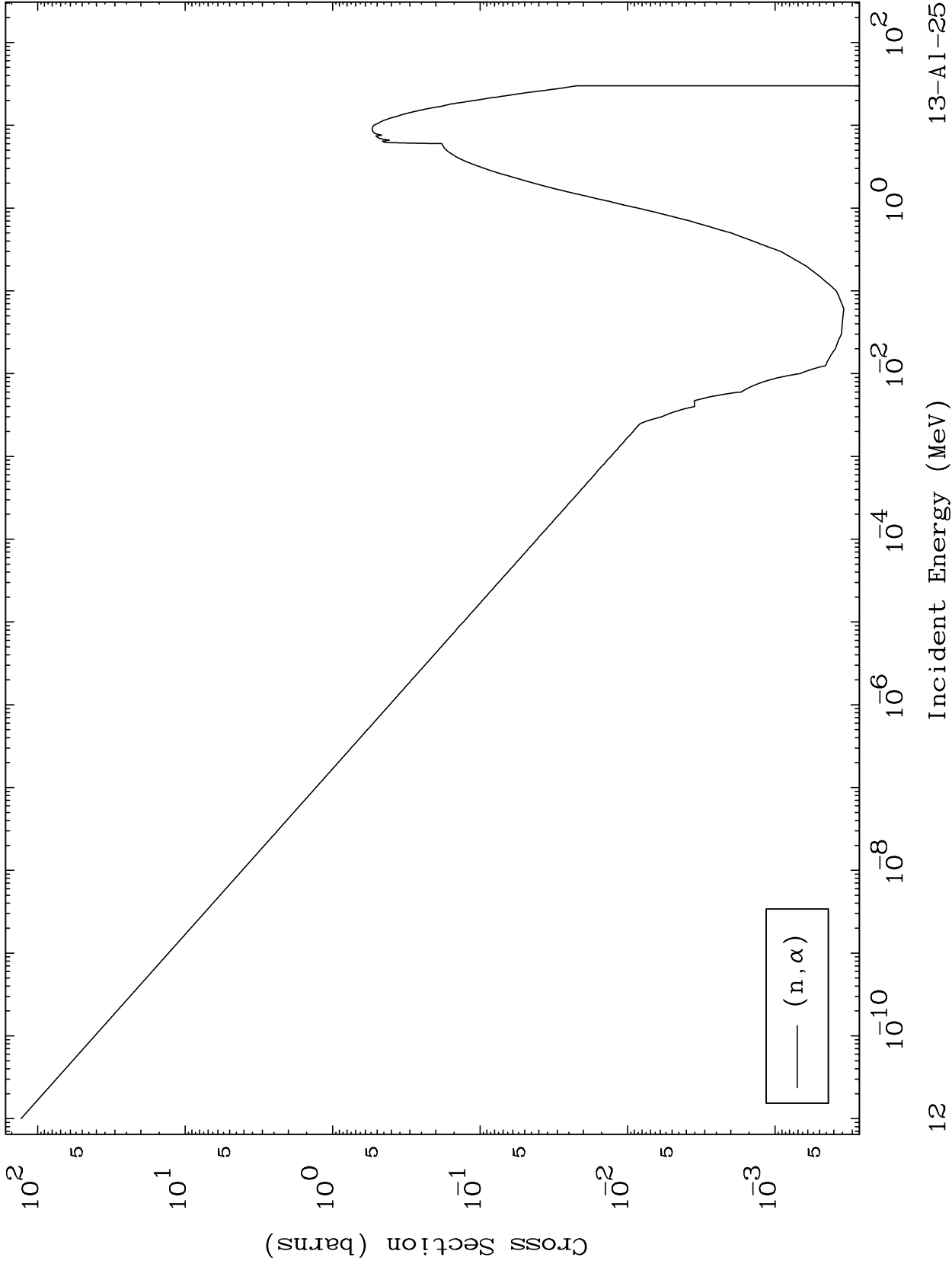
Incident Energy (MeV)

13-A1-25

MAT 1319

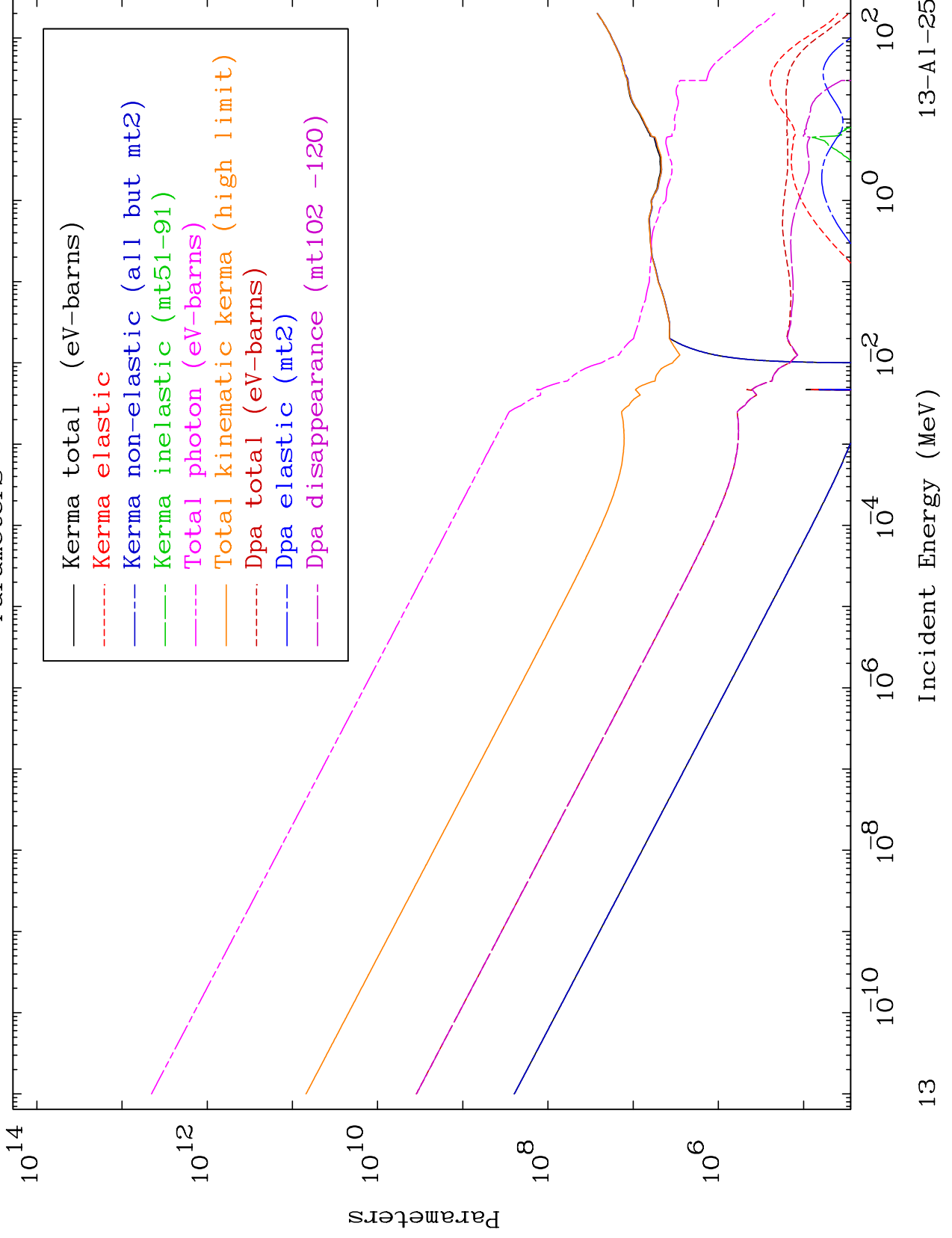
(n,α) Levels  
293 Kelvin Cross Sections

13-Al-25



12

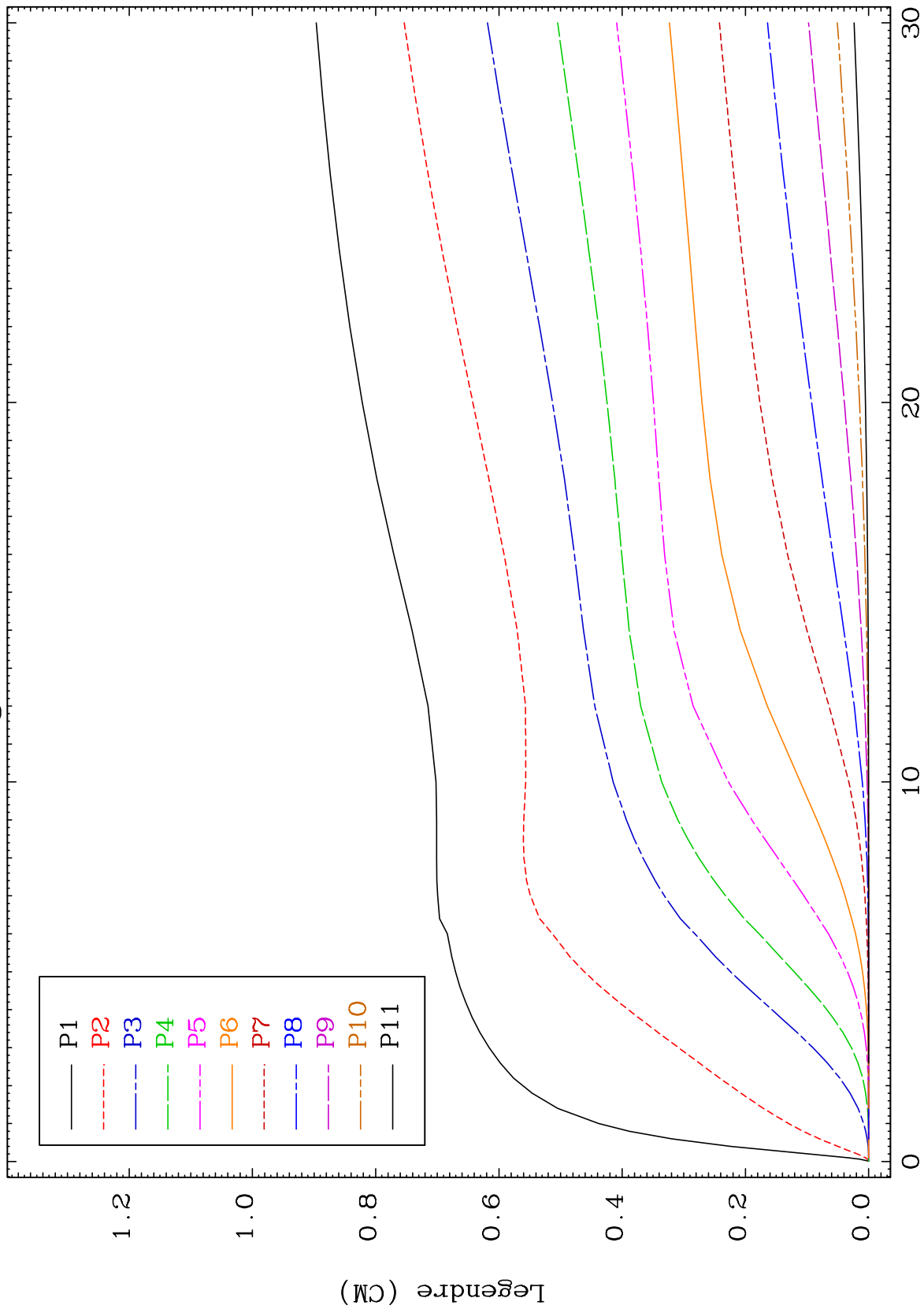
13-Al-25



MAT 1319

Elastic Legendre Coefficients

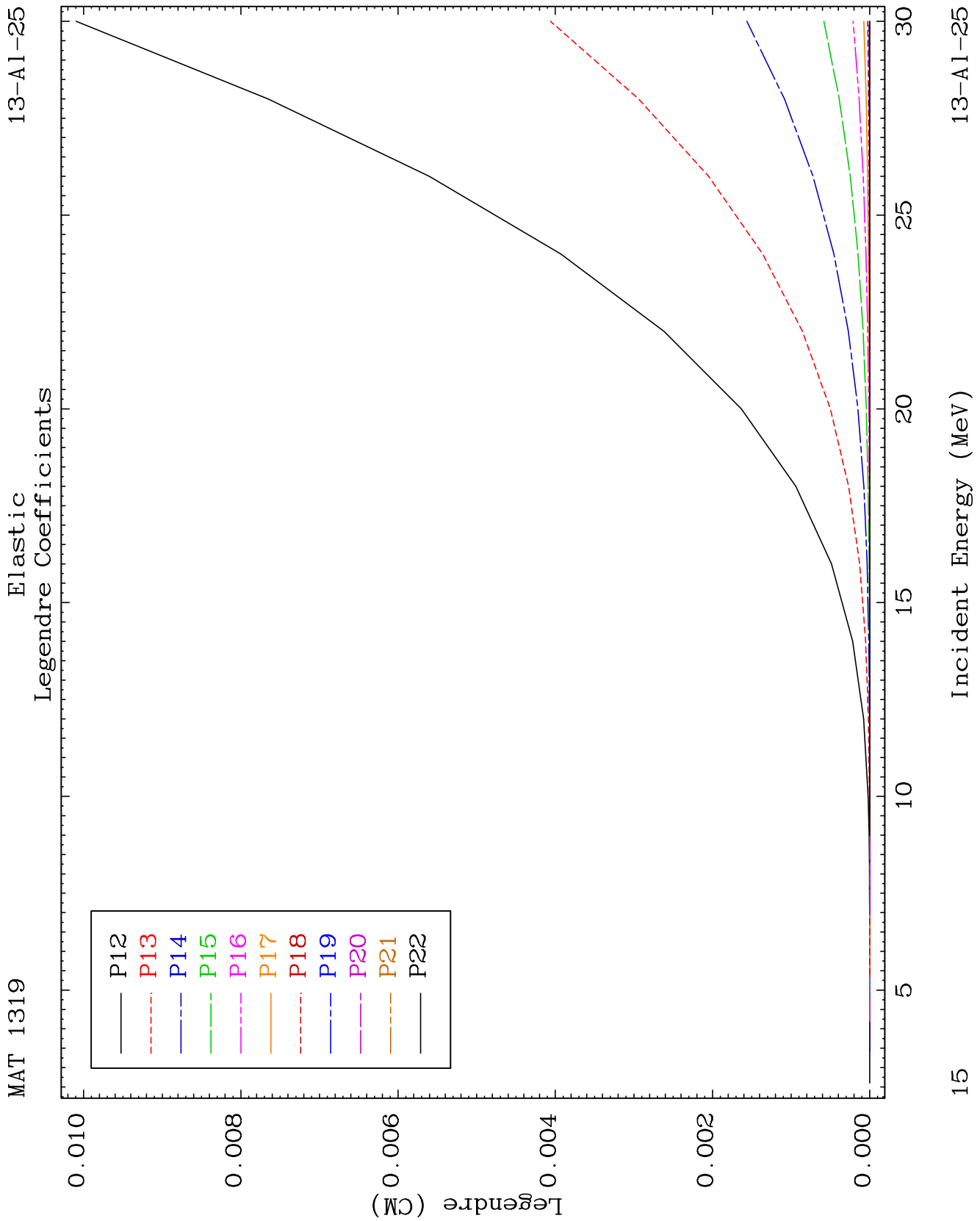
13-A1-25



14

Incident Energy (MeV)

13-A1-25



MAT 1319

Elastic Legendre Coefficients

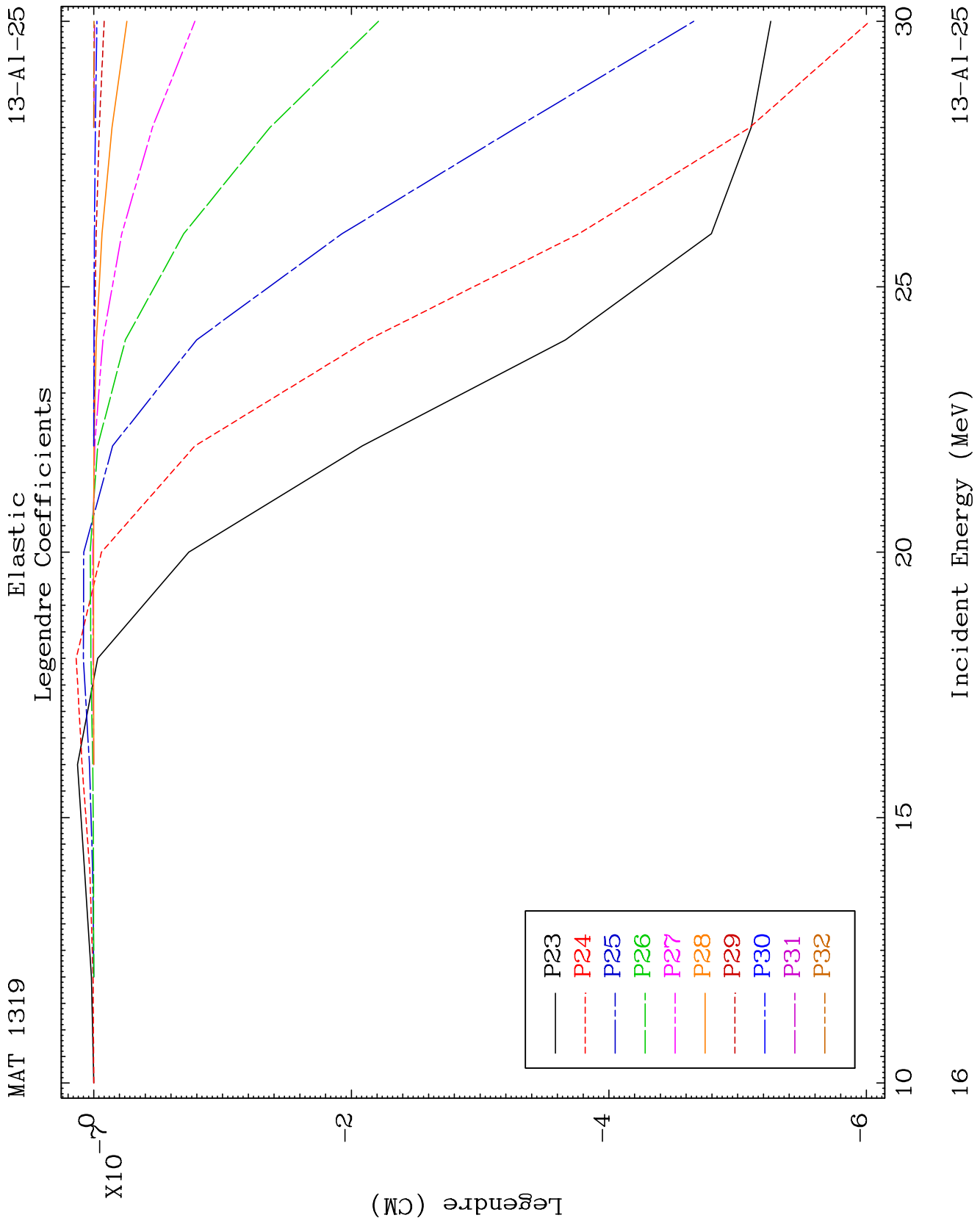
13-Al-25

15

Incident Energy (MeV)

13-Al-25

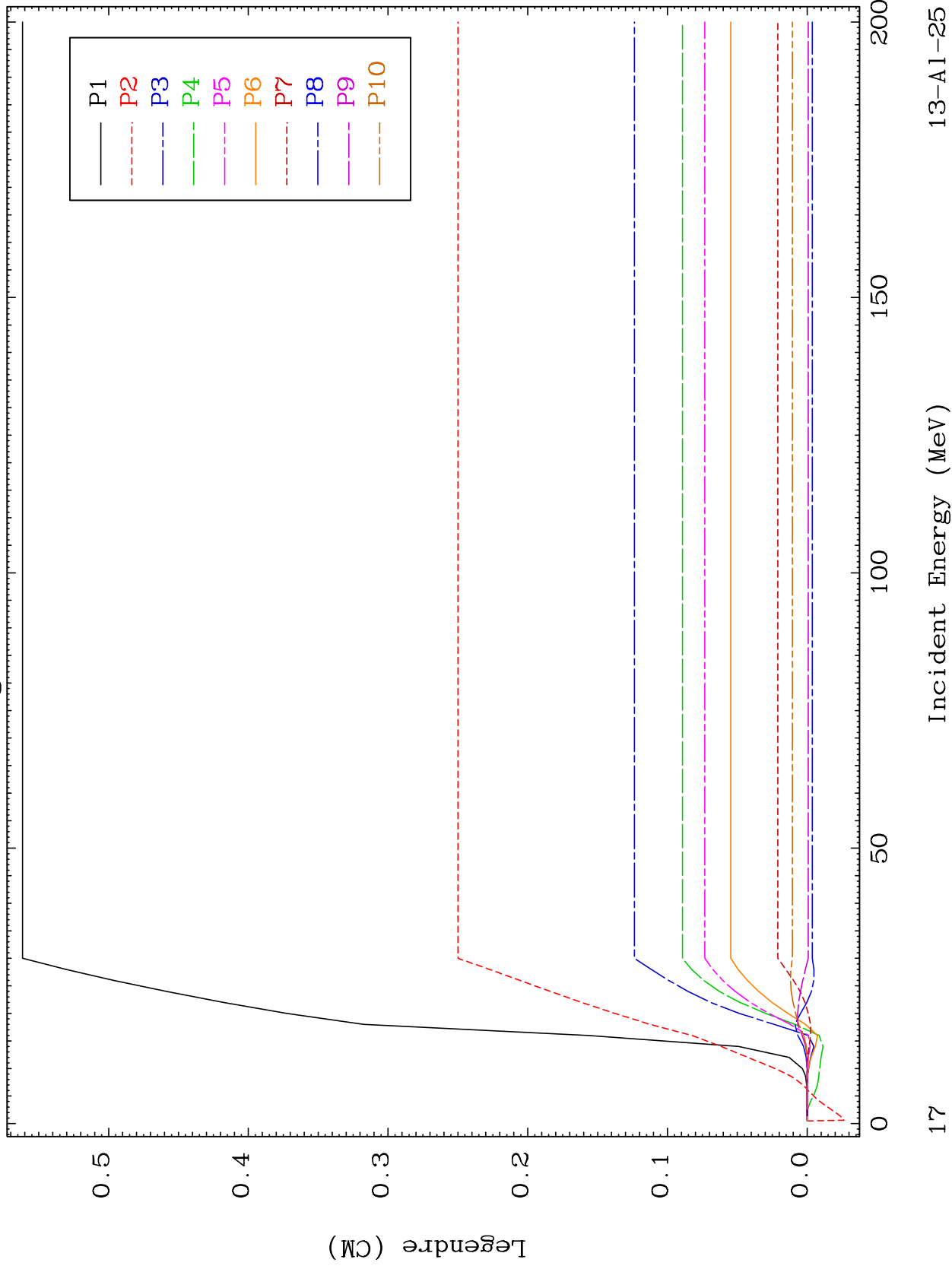




MAT 1319

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

13-A1-25



13-A1-25

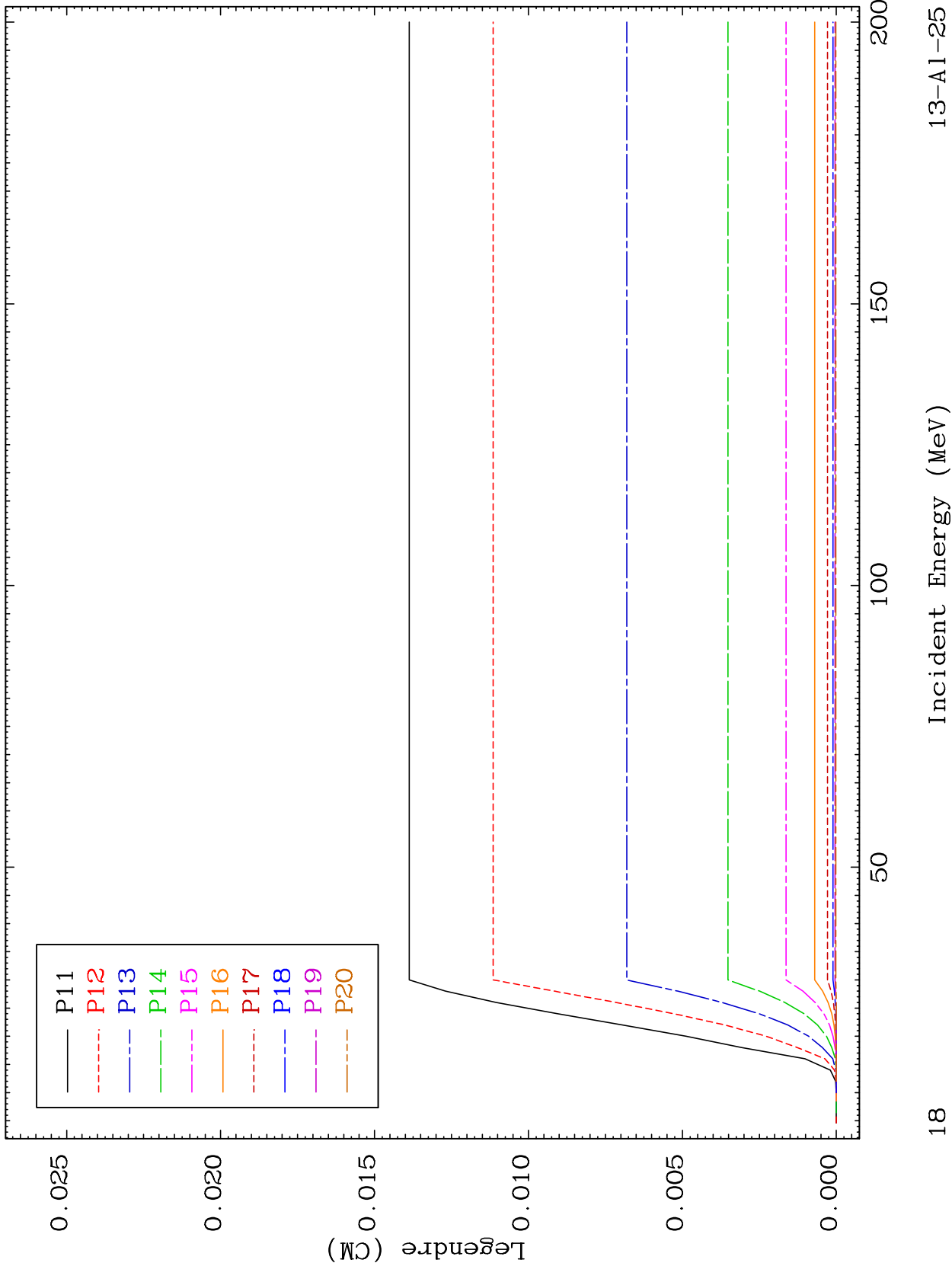
Incident Energy (MeV)

17

MAT 1319

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

13-A1-25



18

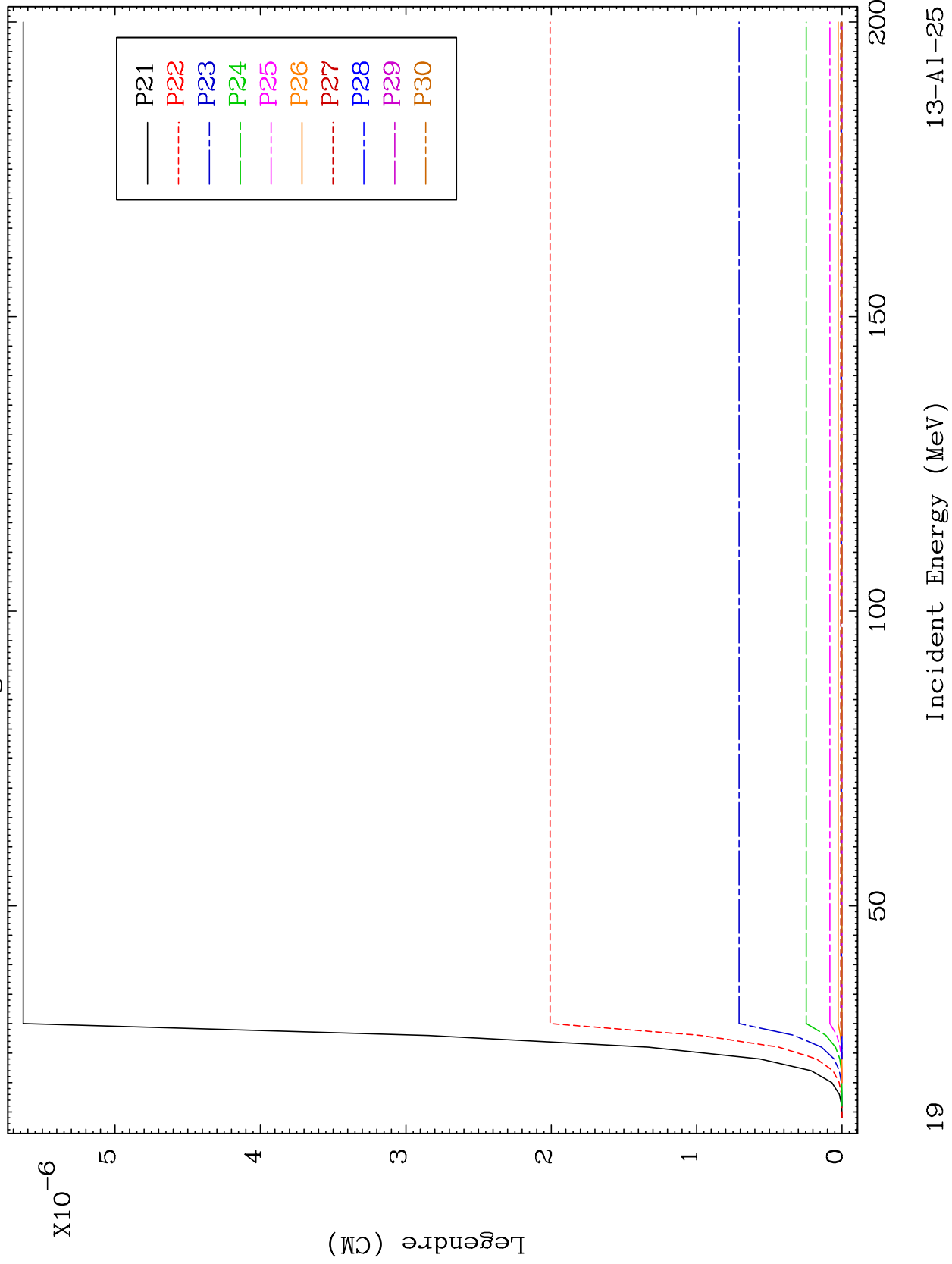
Incident Energy (MeV)

13-A1-25

MAT 1319

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

13-Al-25



19

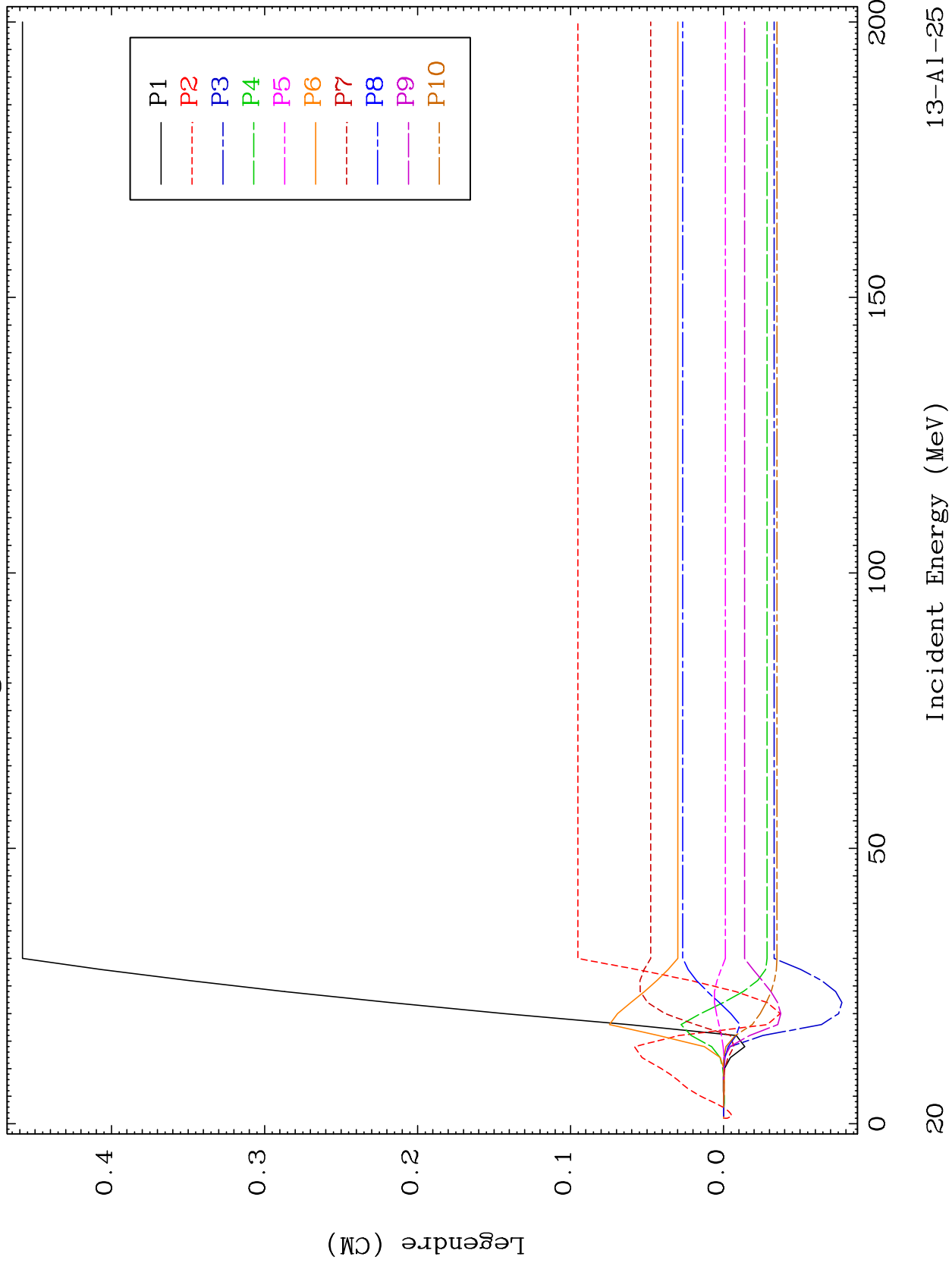
Incident Energy (MeV)

13-Al-25

MAT 1319

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

13-Al-25



13-Al-25

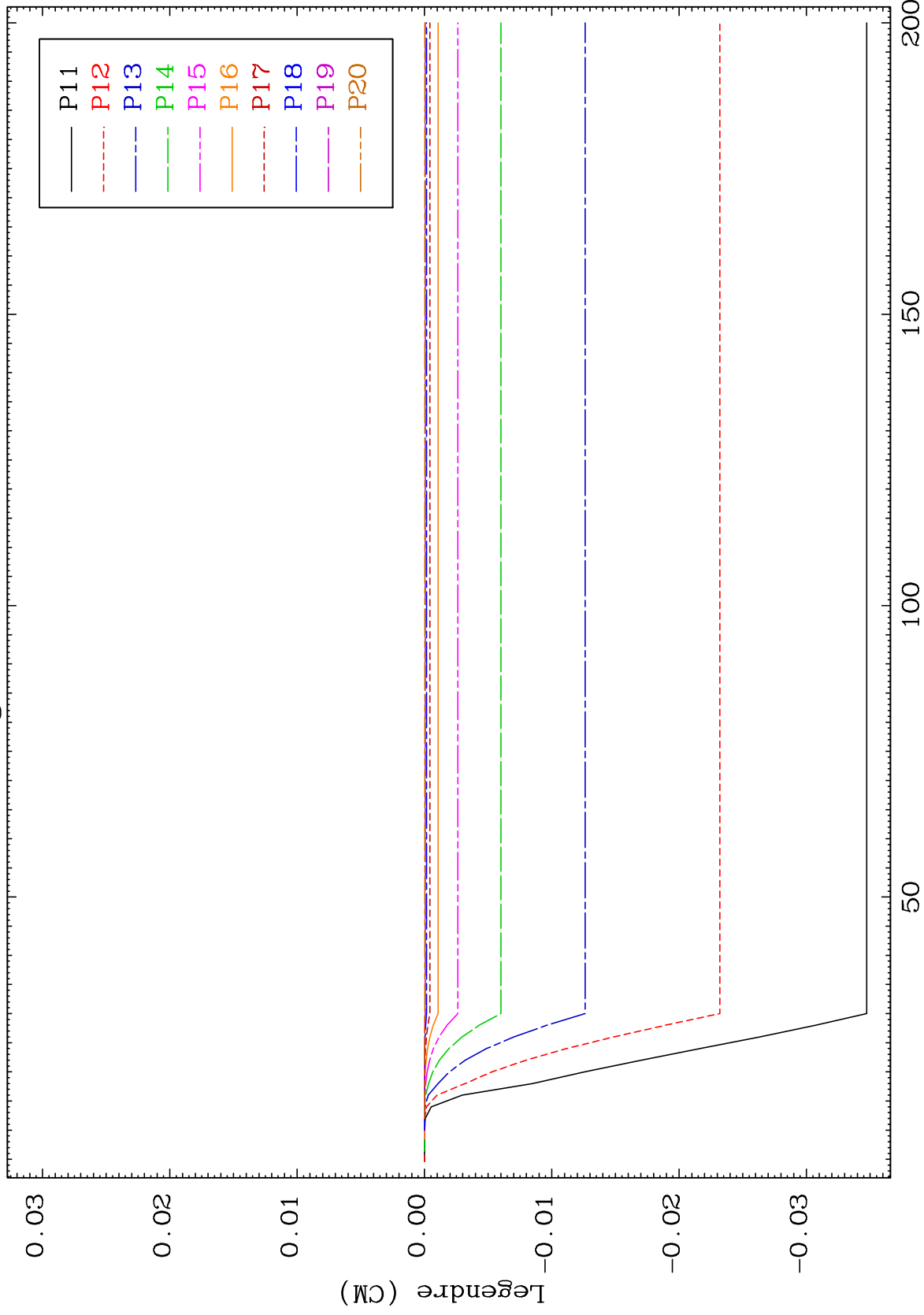
Incident Energy (MeV)

20

MAT 1319

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

13-A1-25



21

Incident Energy (MeV)

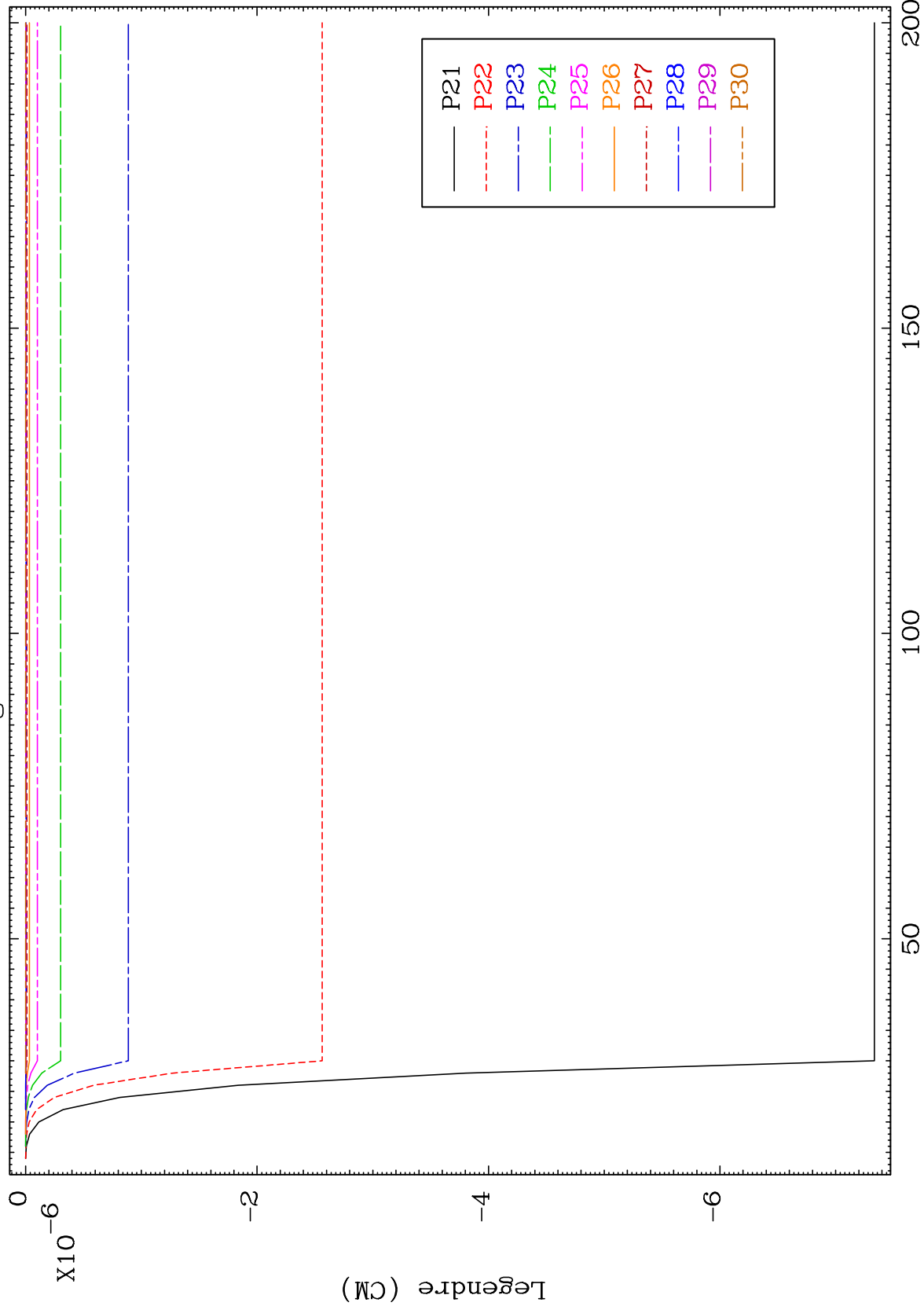
13-A1-25

MAT 1319

MT= 52 (n,n') Level

13-A1-25

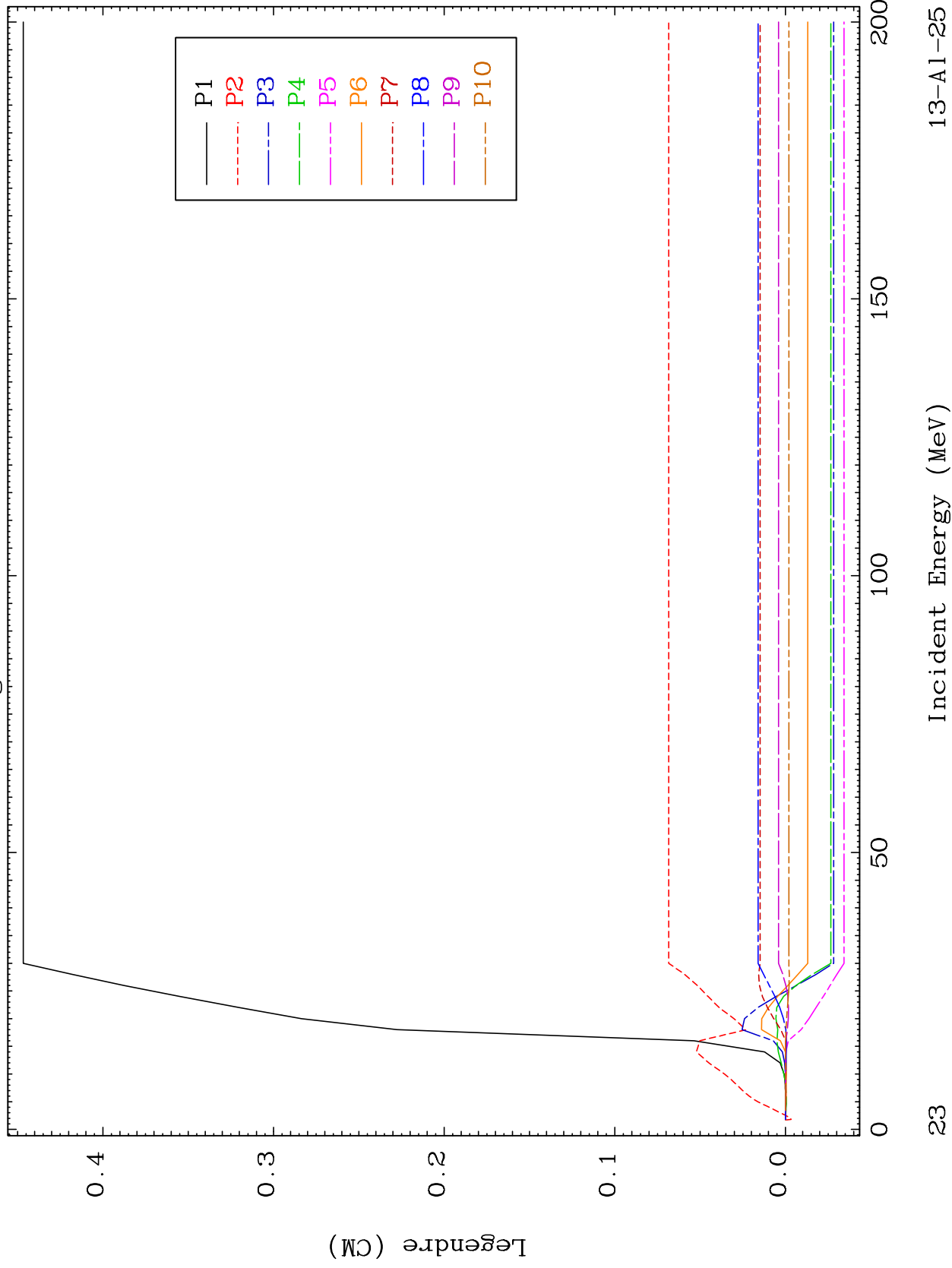
Legendre Coefficients



MAT 1319

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

13-A1-25



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Incident Energy (MeV)

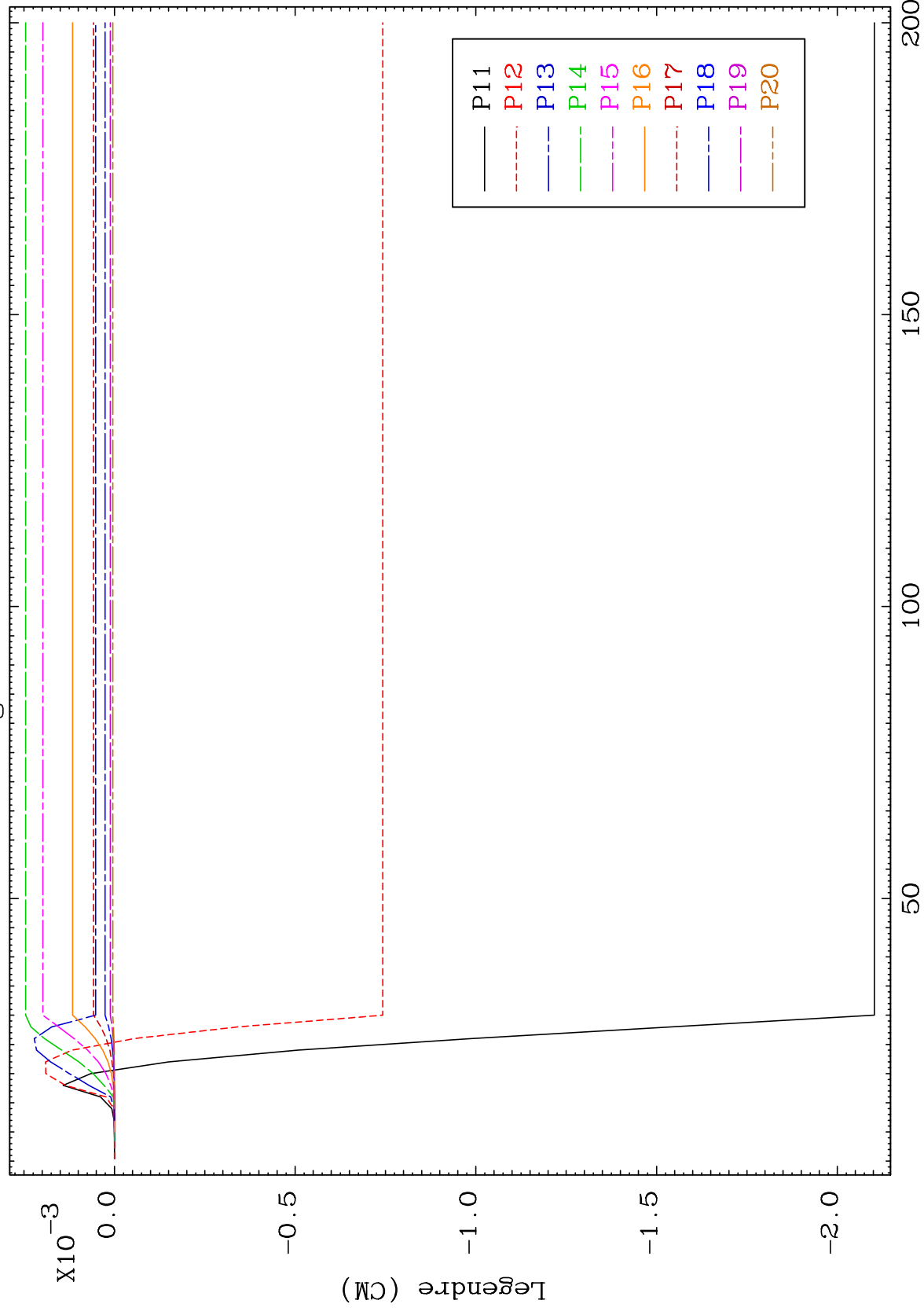
13-A1-25



MAT 1319

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

13-A1-25



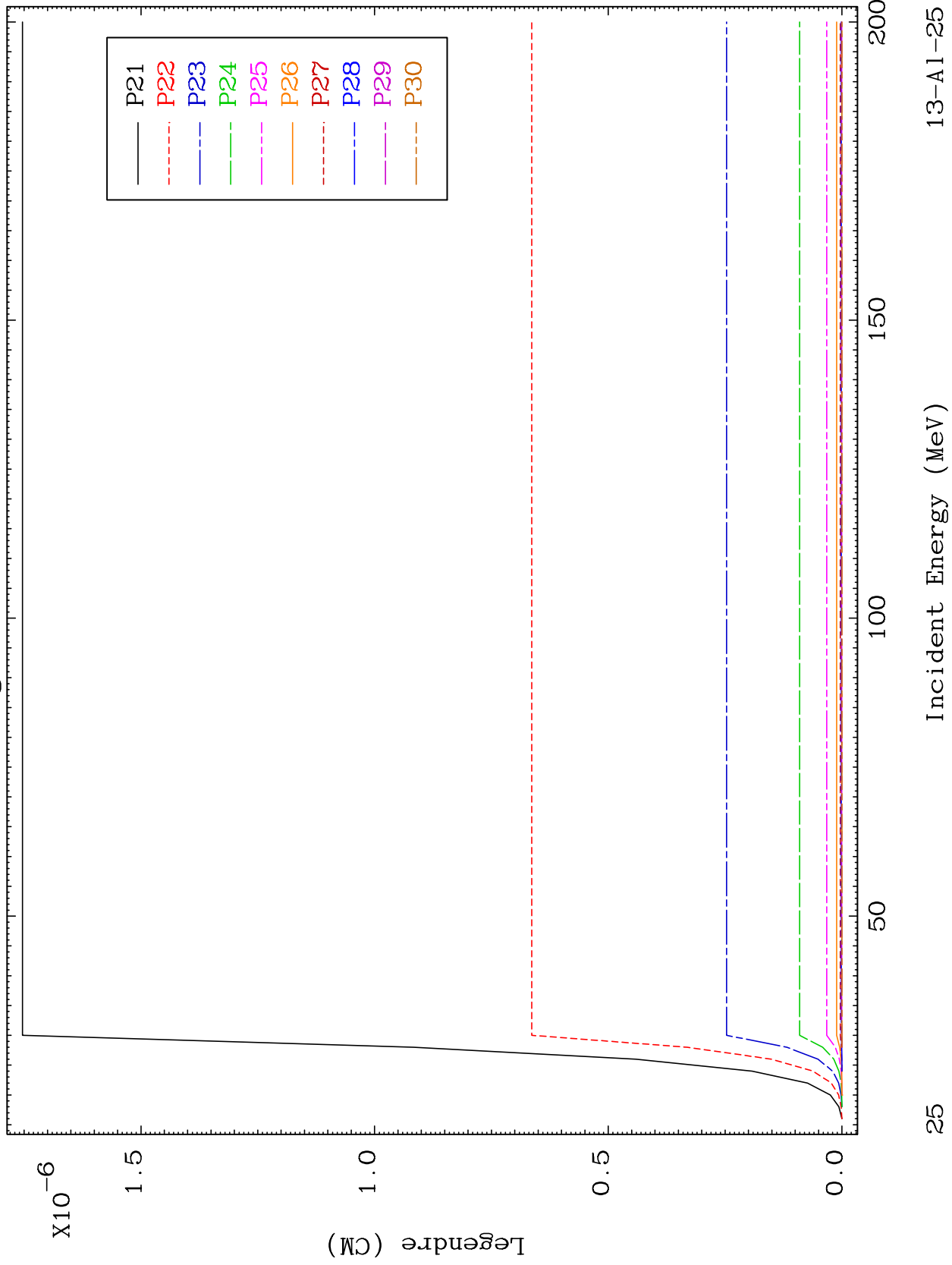
24

13-A1-25

MAT 1319

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

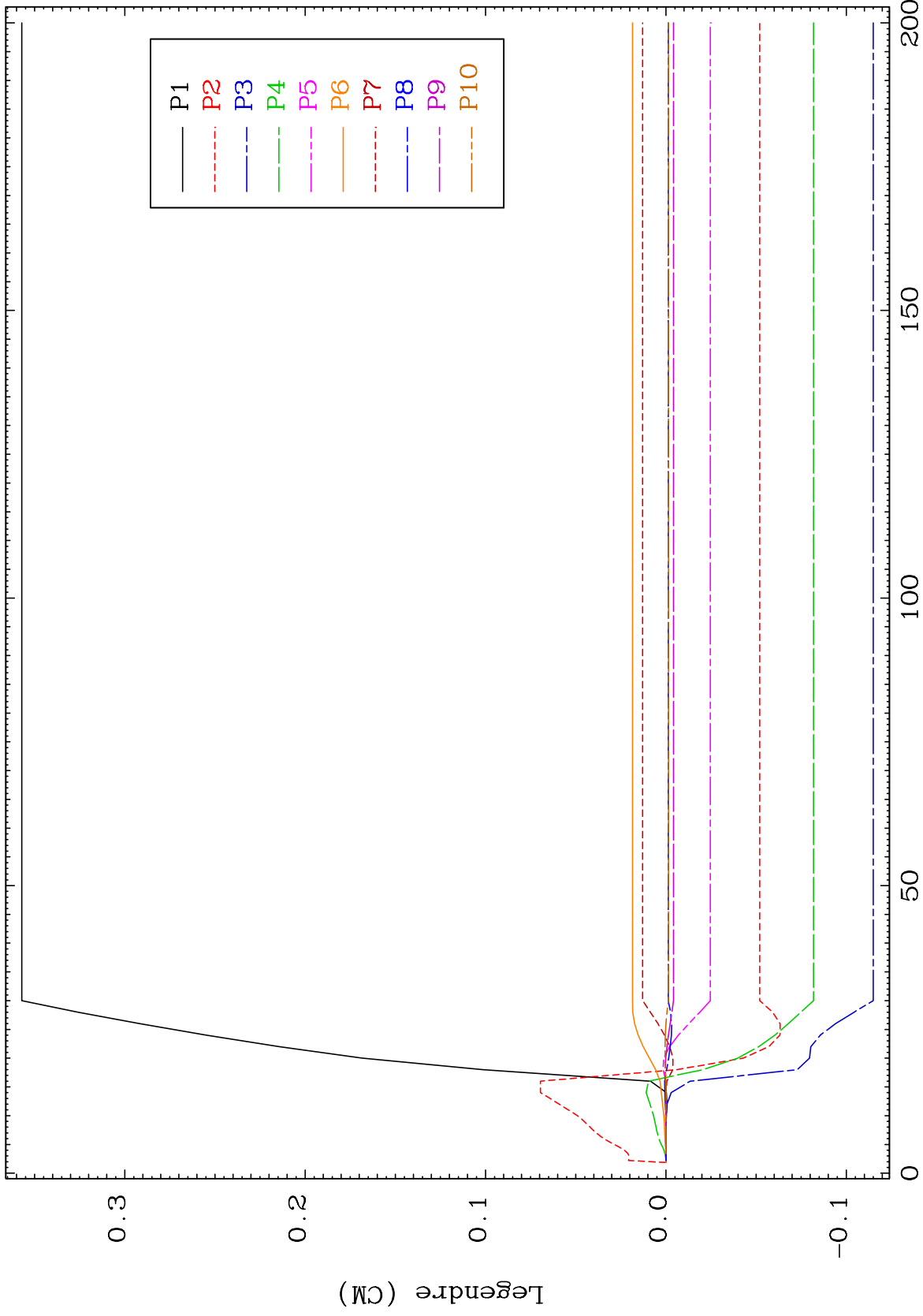
13-A1-25



MAT 1319

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

13-A1-25



26

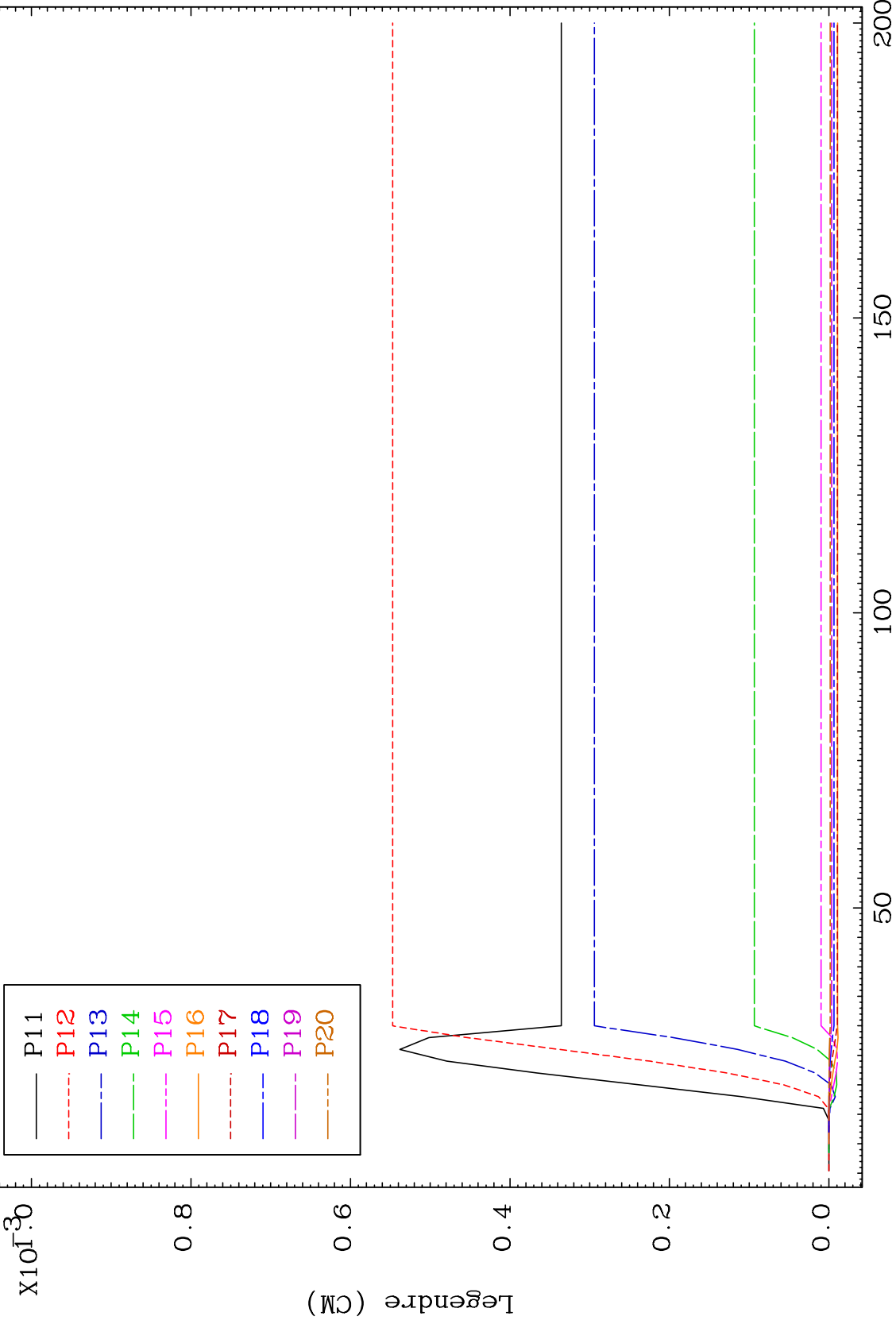
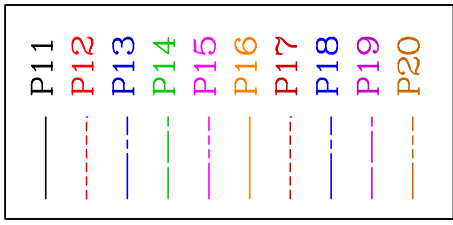
Incident Energy (MeV)

13-A1-25

MAT 1319

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

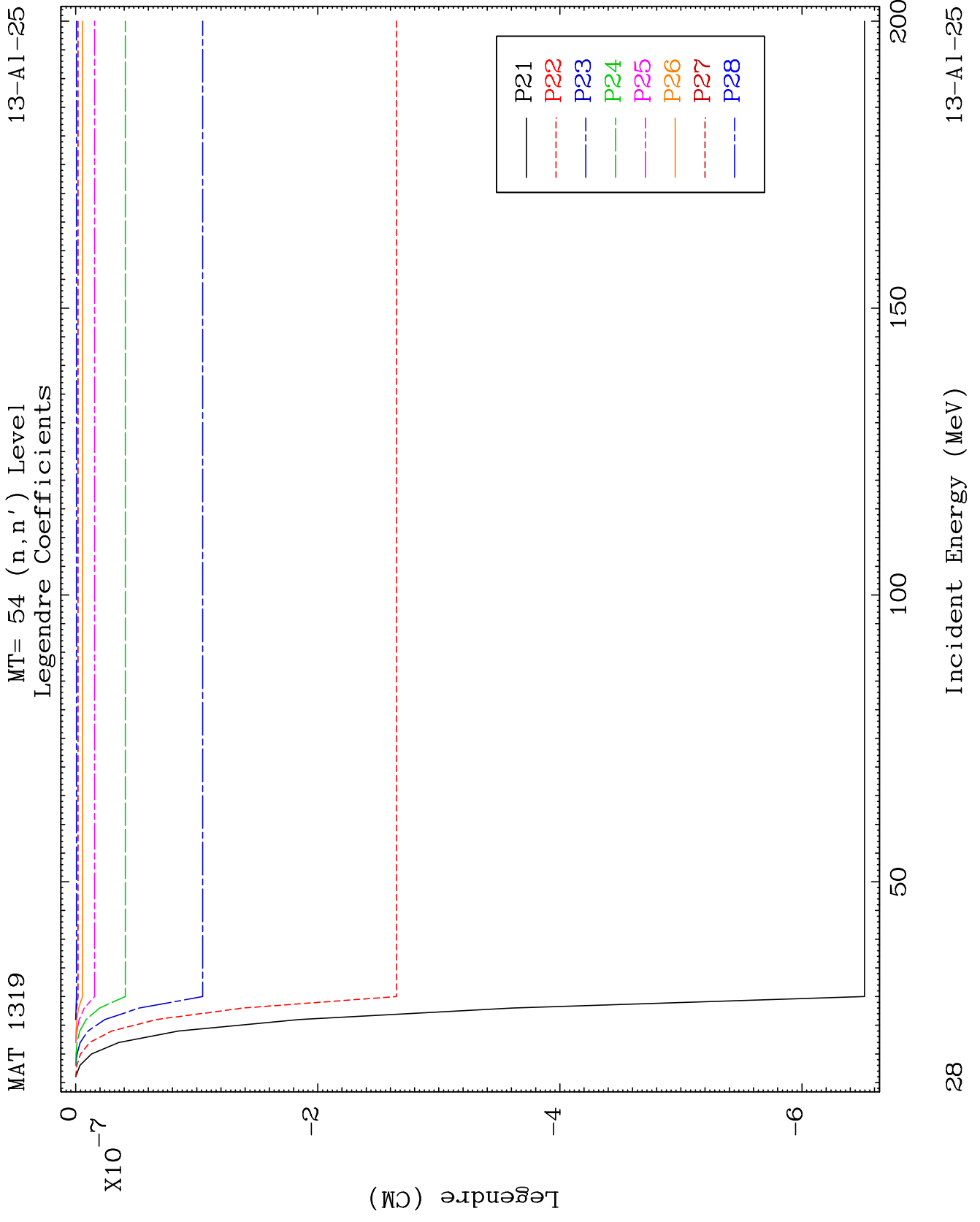
13-A1-25



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Incident Energy (MeV)

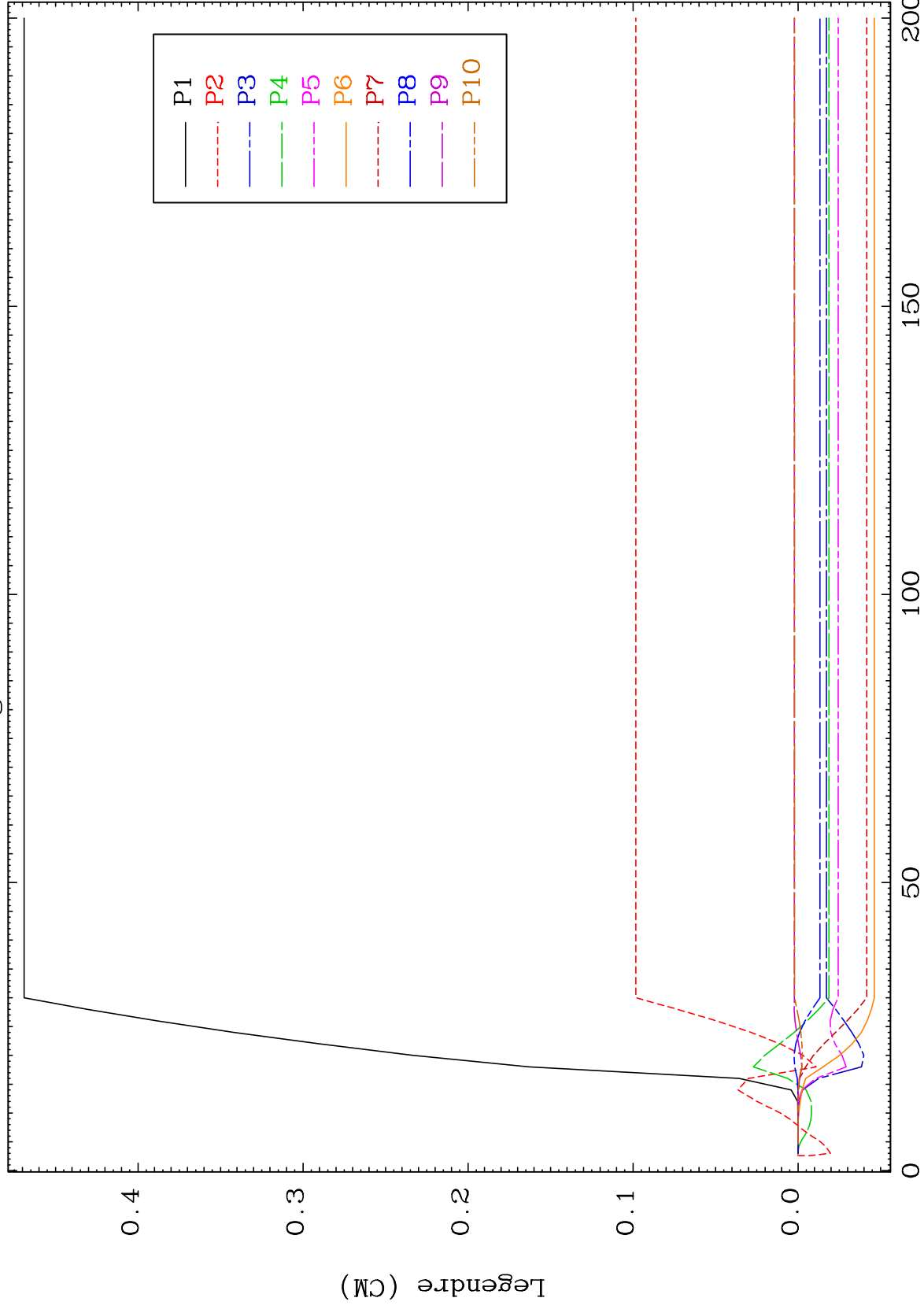
13-A1-25



MAT 1319

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

13-A1-25



29

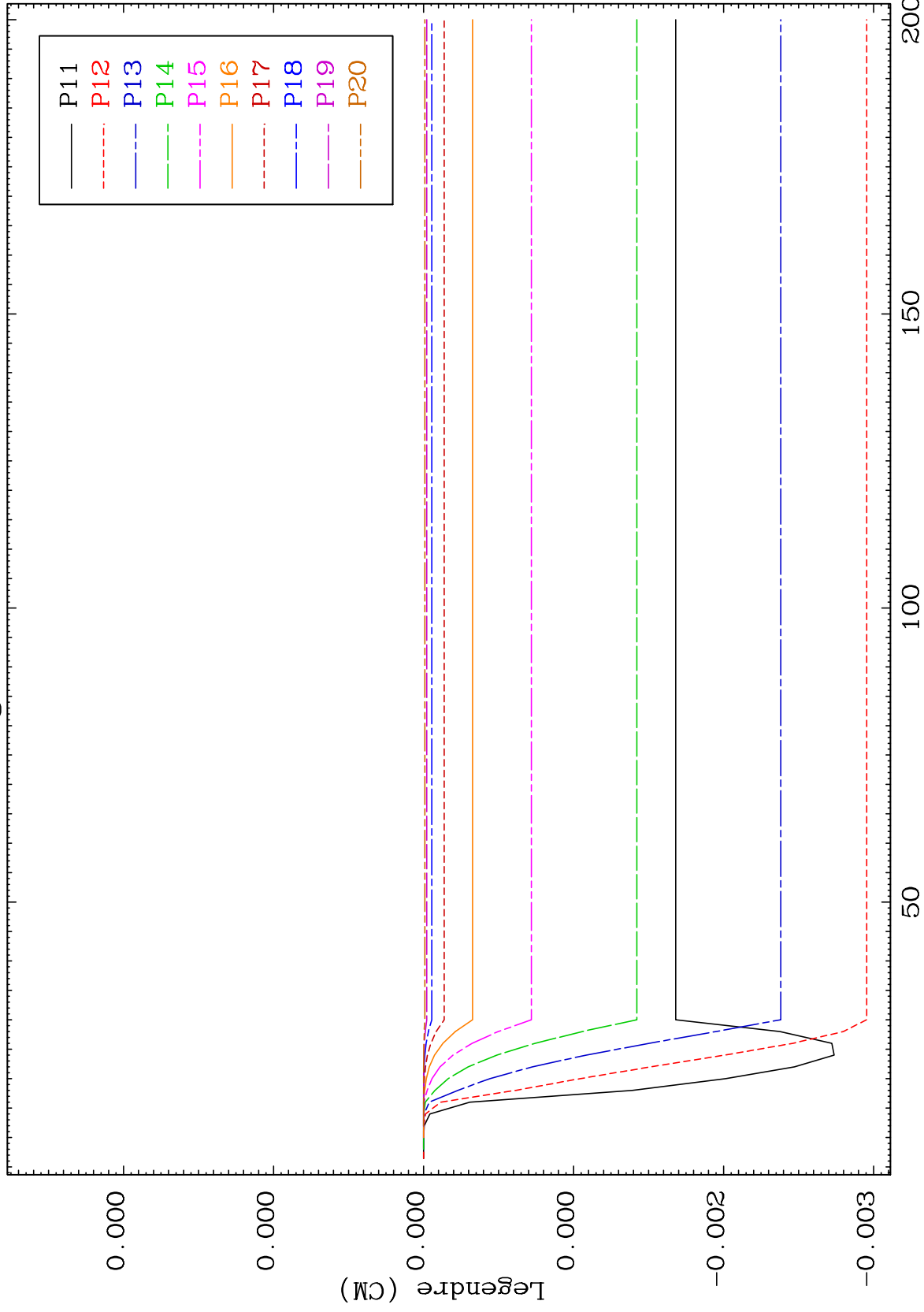
Incident Energy (MeV)

13-A1-25

MAT 1319

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

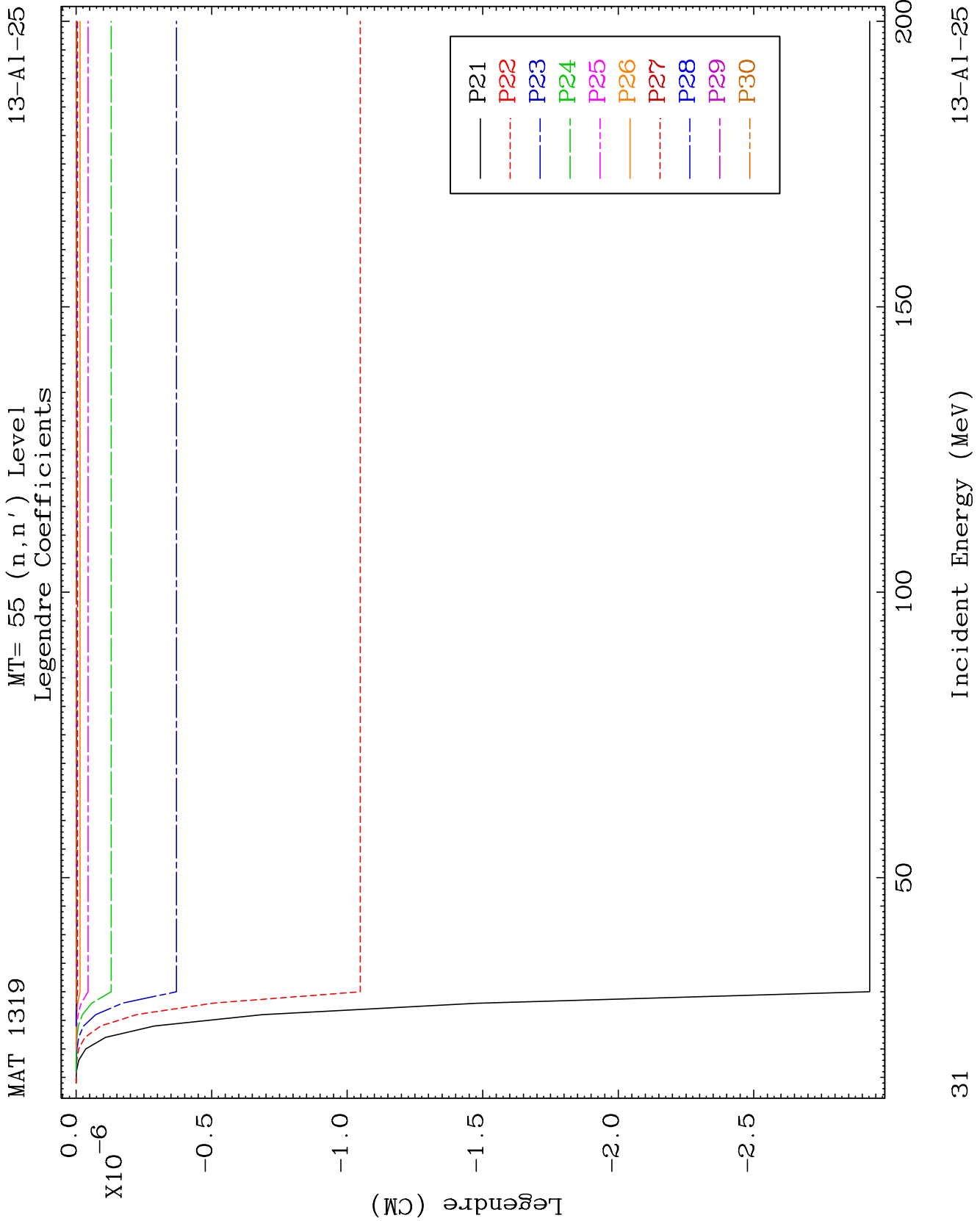
13-A1-25



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Incident Energy (MeV)

13-A1-25

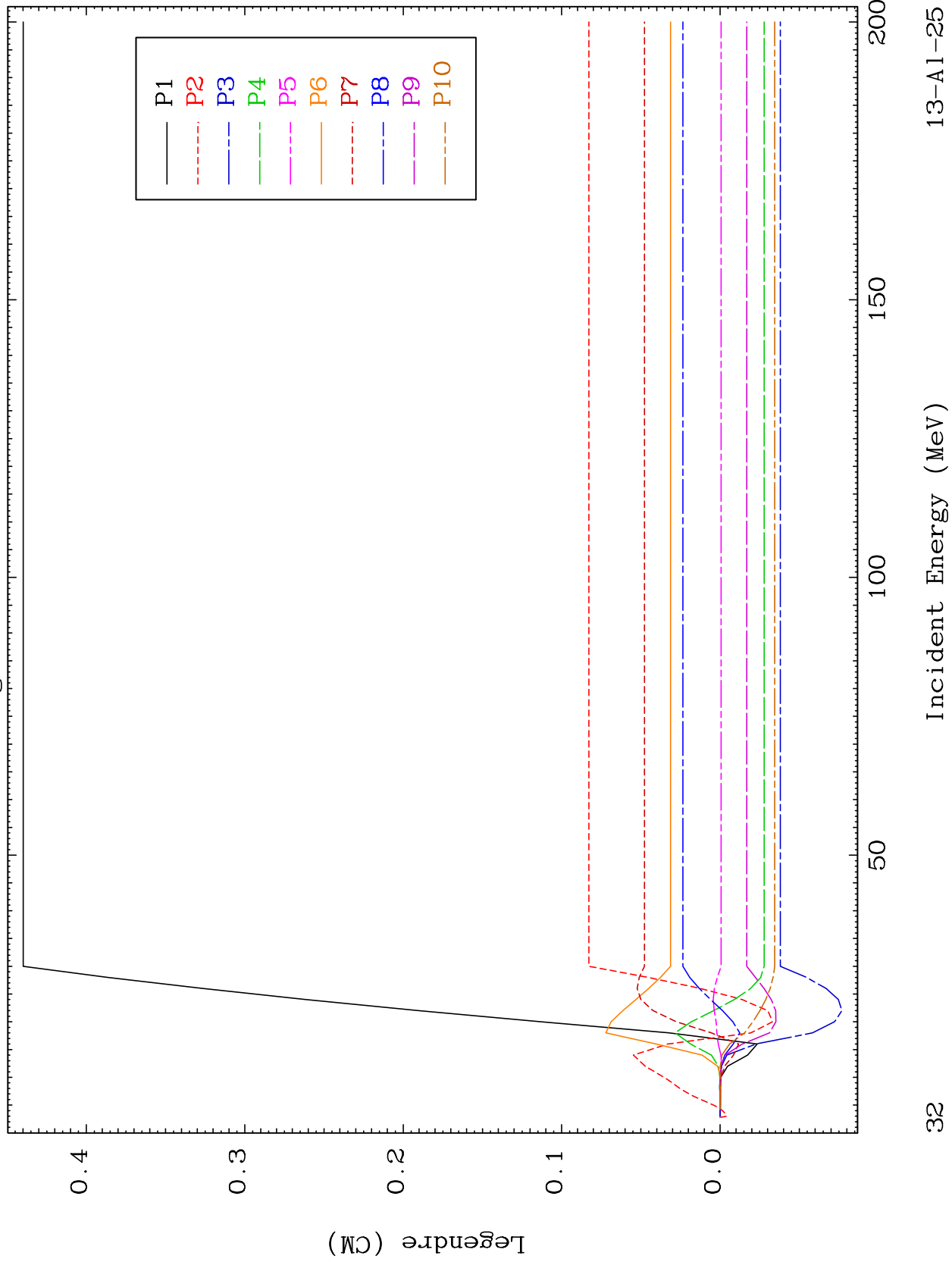


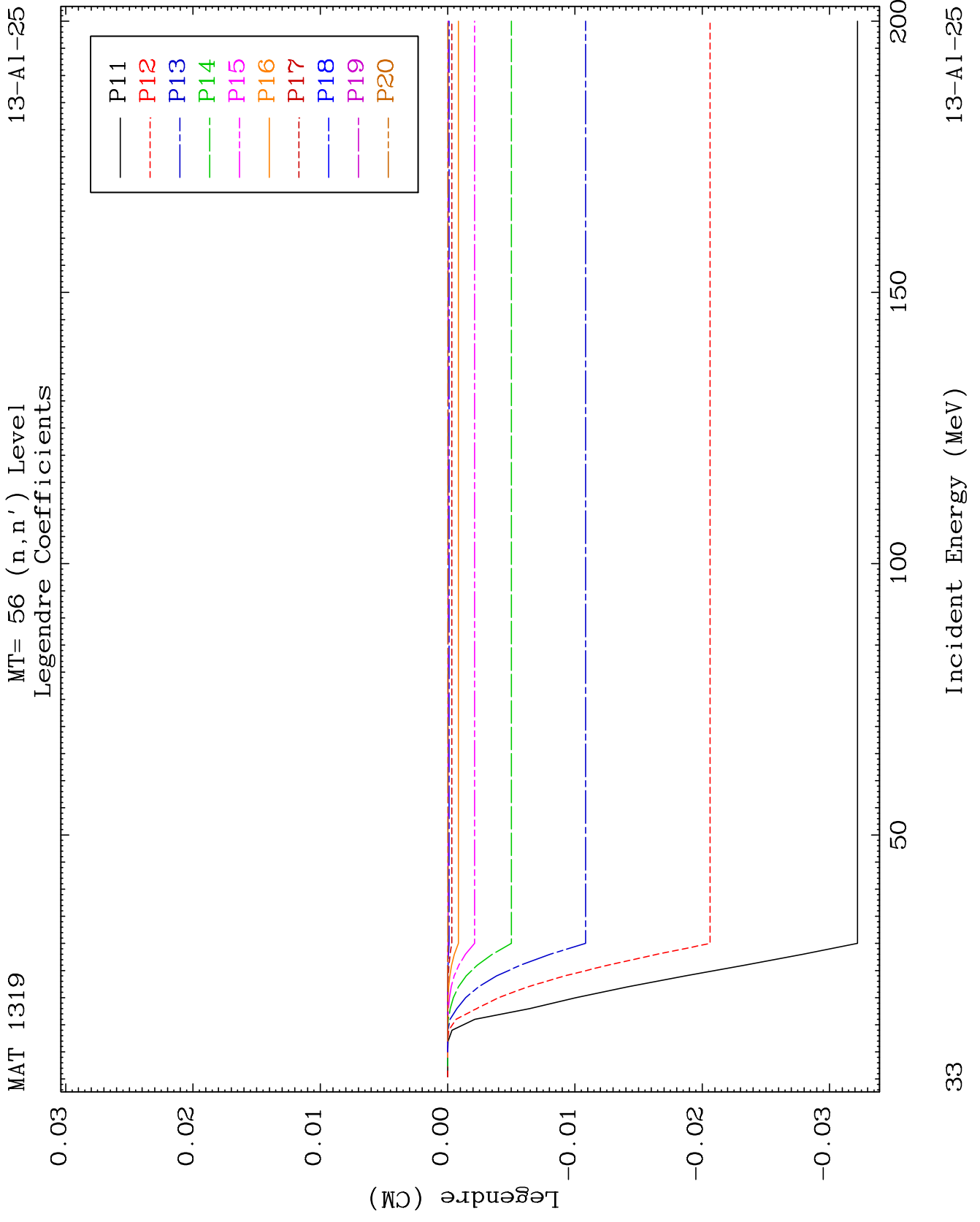


MAT 1319

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

13-Al-25

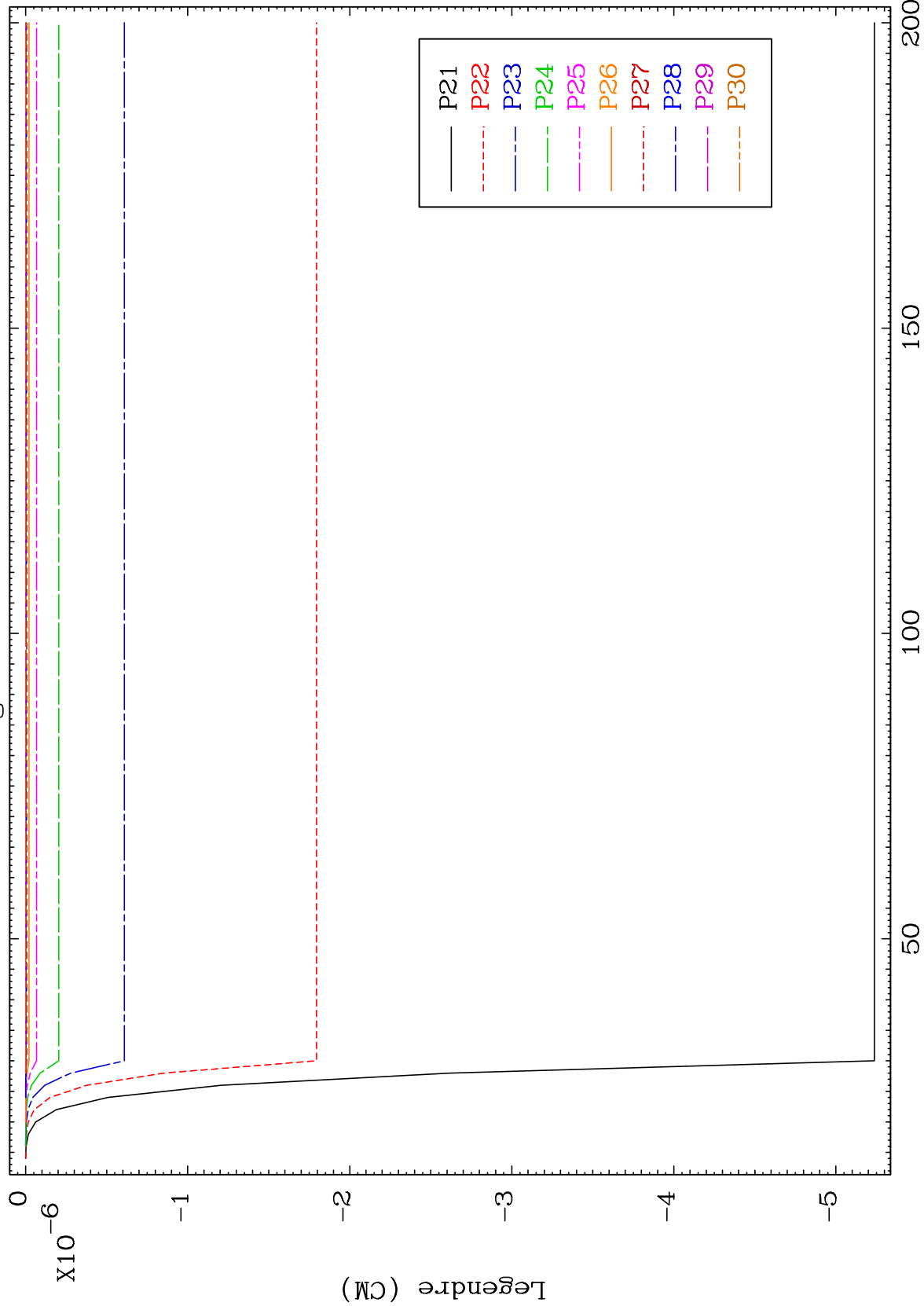




MAT 1319

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

13-A1-25



34

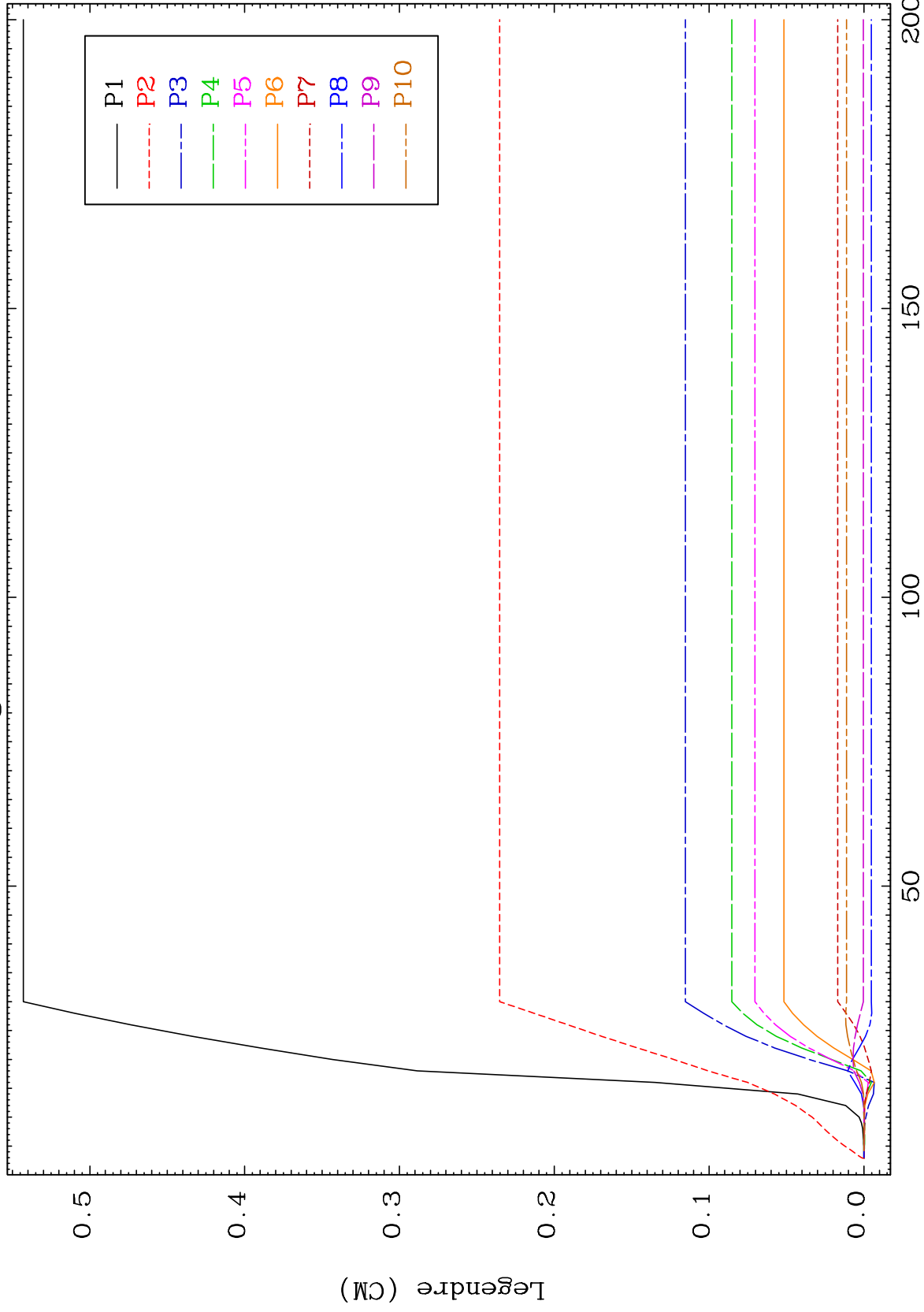
Incident Energy (MeV)

13-A1-25

MAT 1319

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

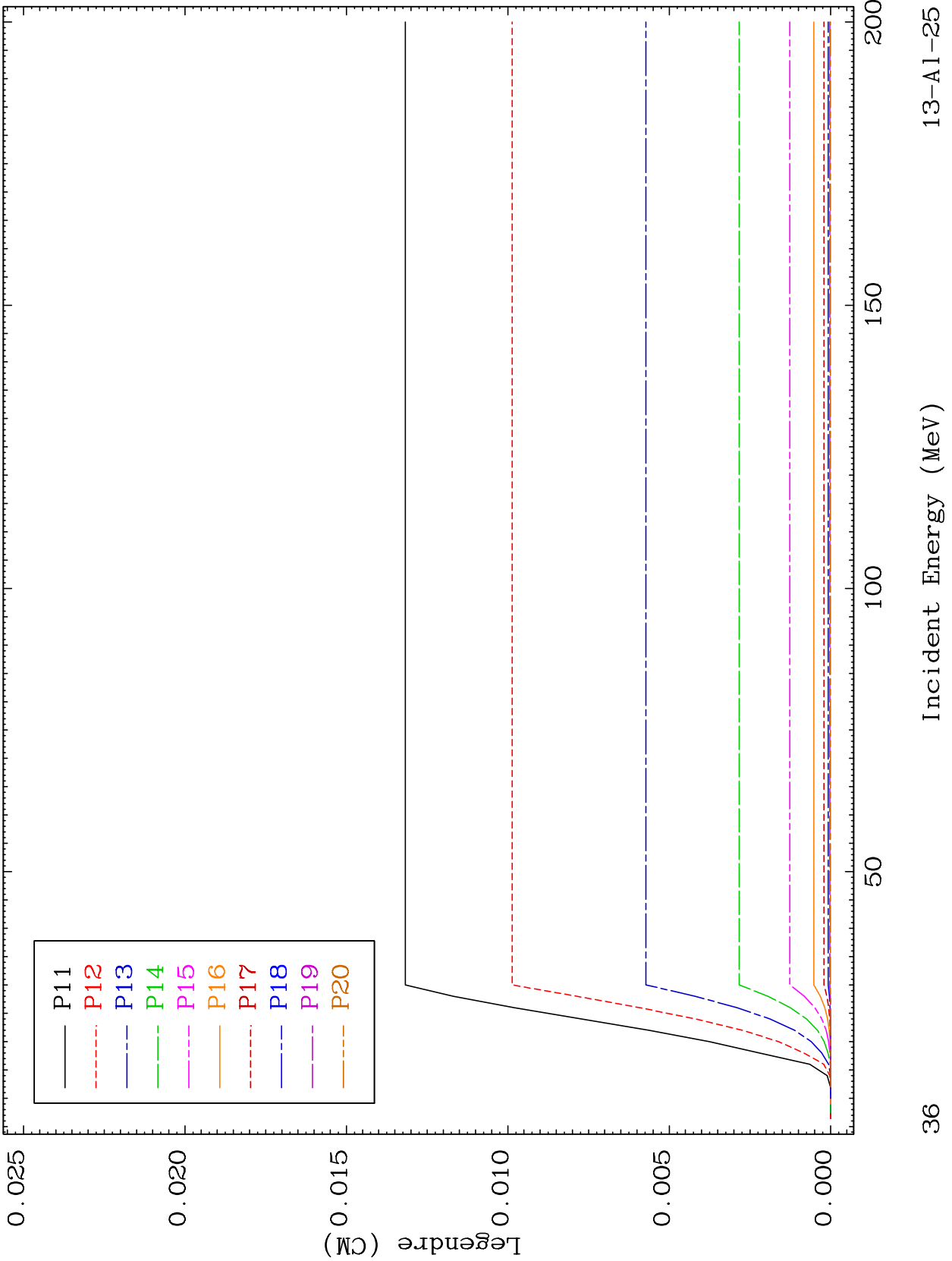
13-A1-25



35

Incident Energy (MeV)

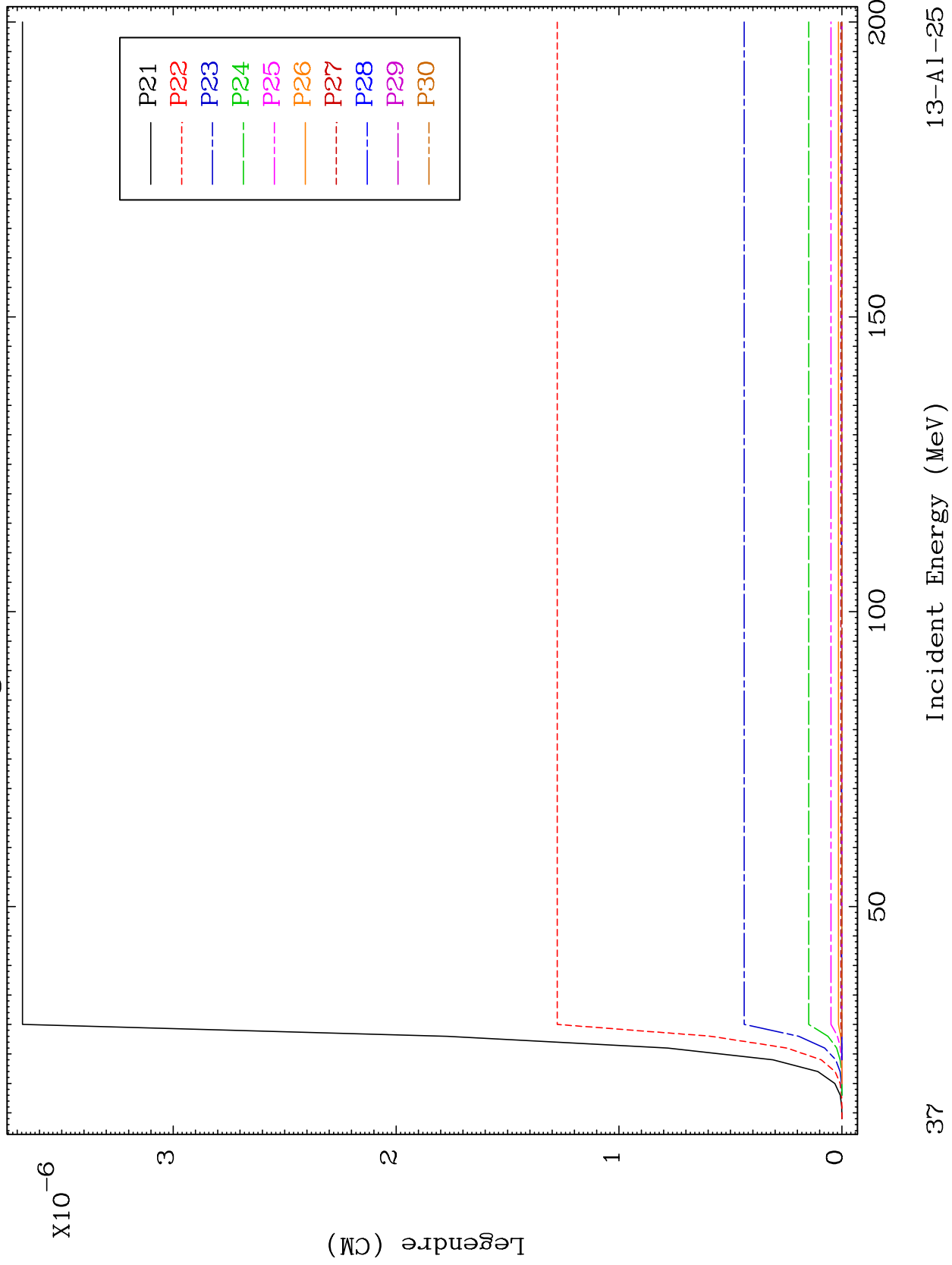
13-A1-25



MAT 1319

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

13-Al-25



37

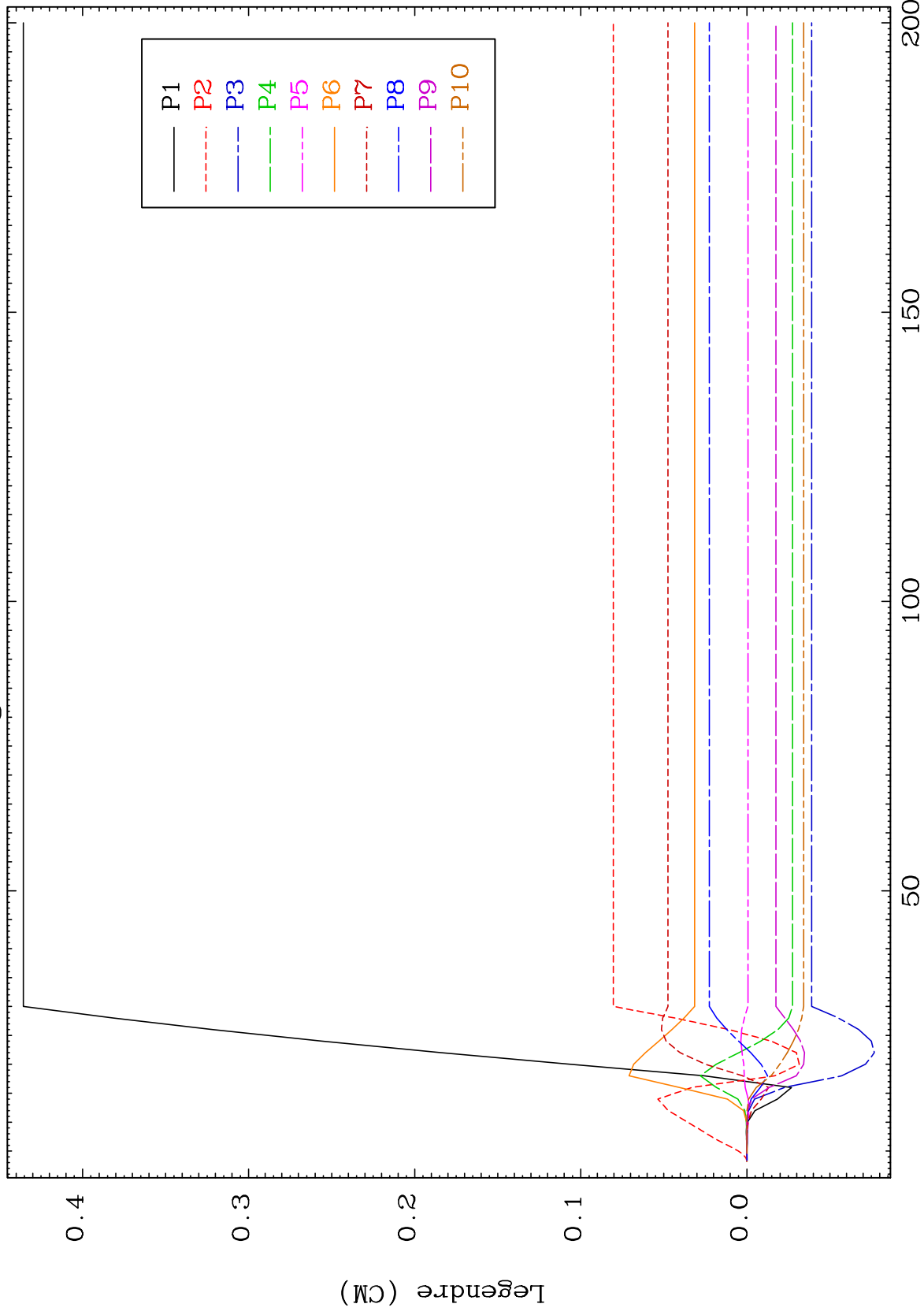
Incident Energy (MeV)

13-Al-25

MAT 1319

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

13-A1-25



38

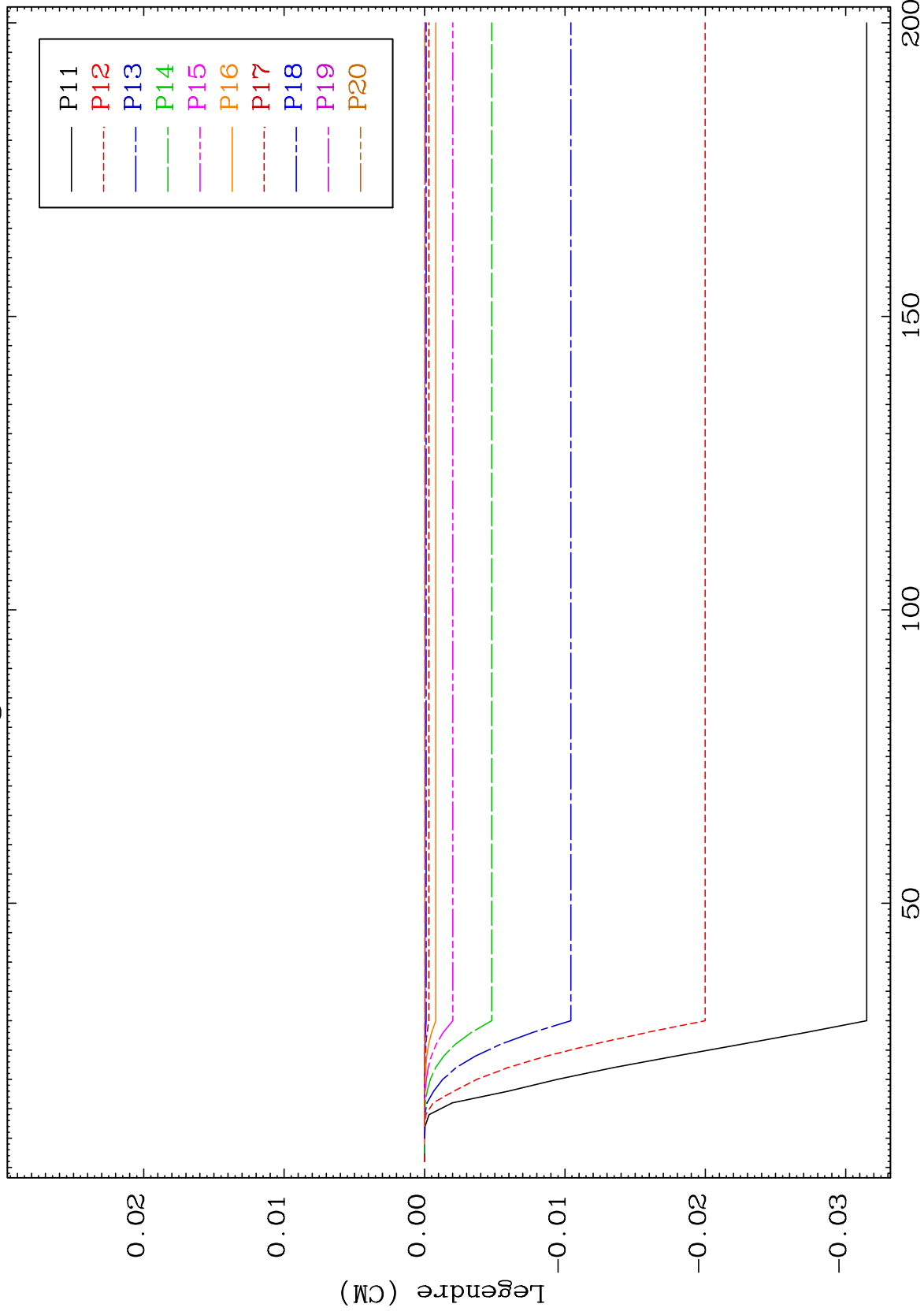
Incident Energy (MeV)

13-A1-25

MAT 1319

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

13-Al-25

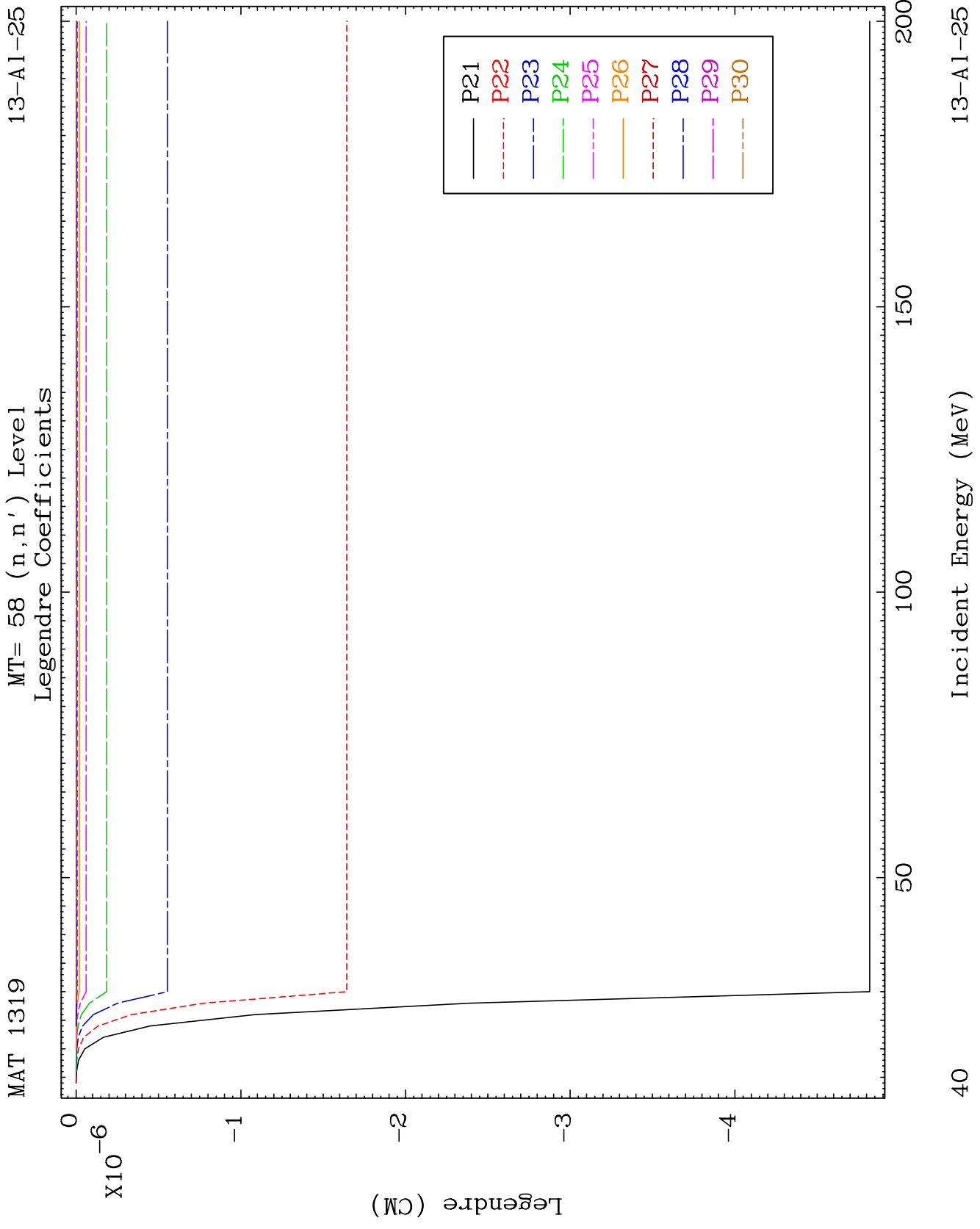


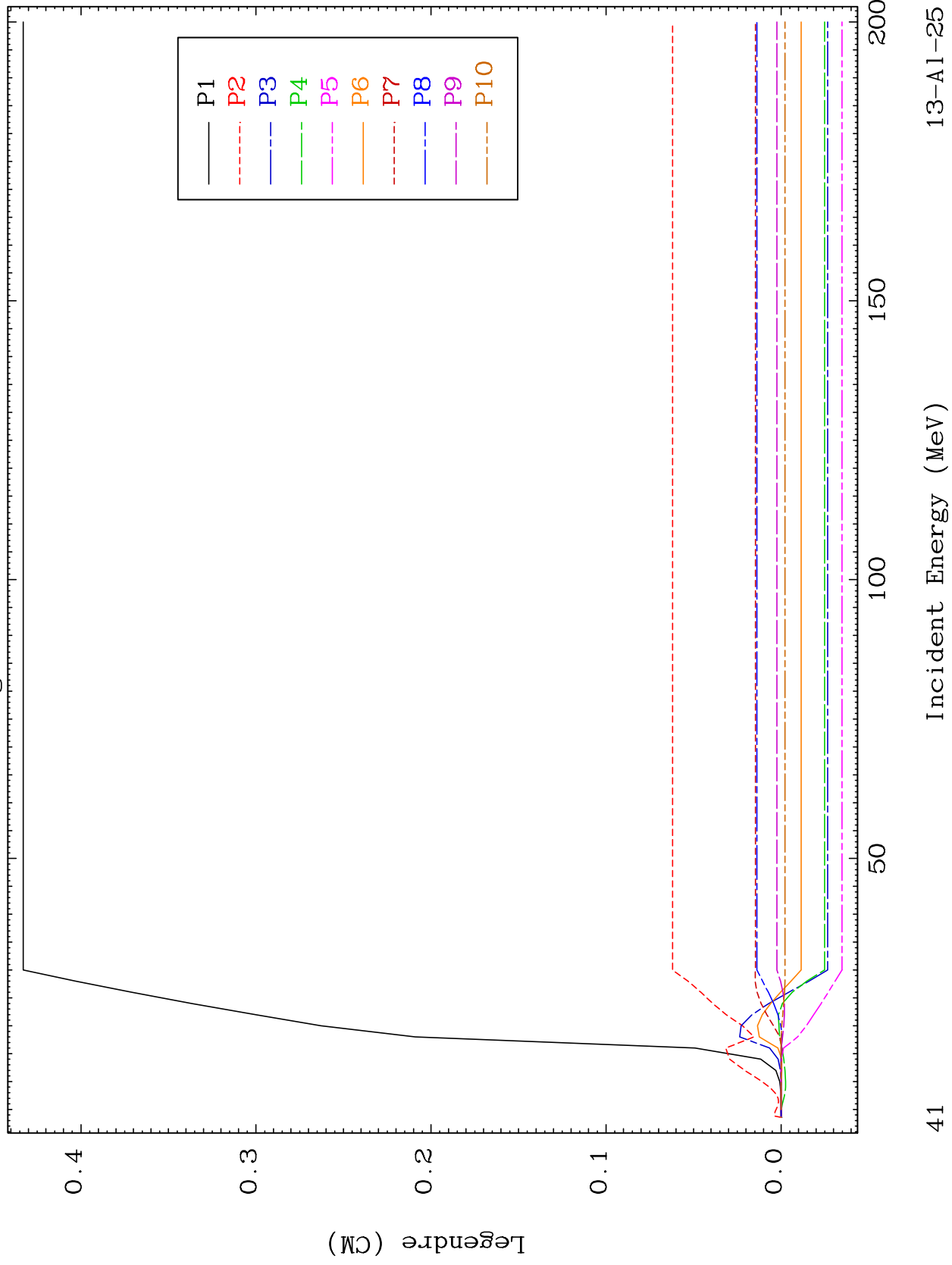
39

Incident Energy (MeV)

13-Al-25





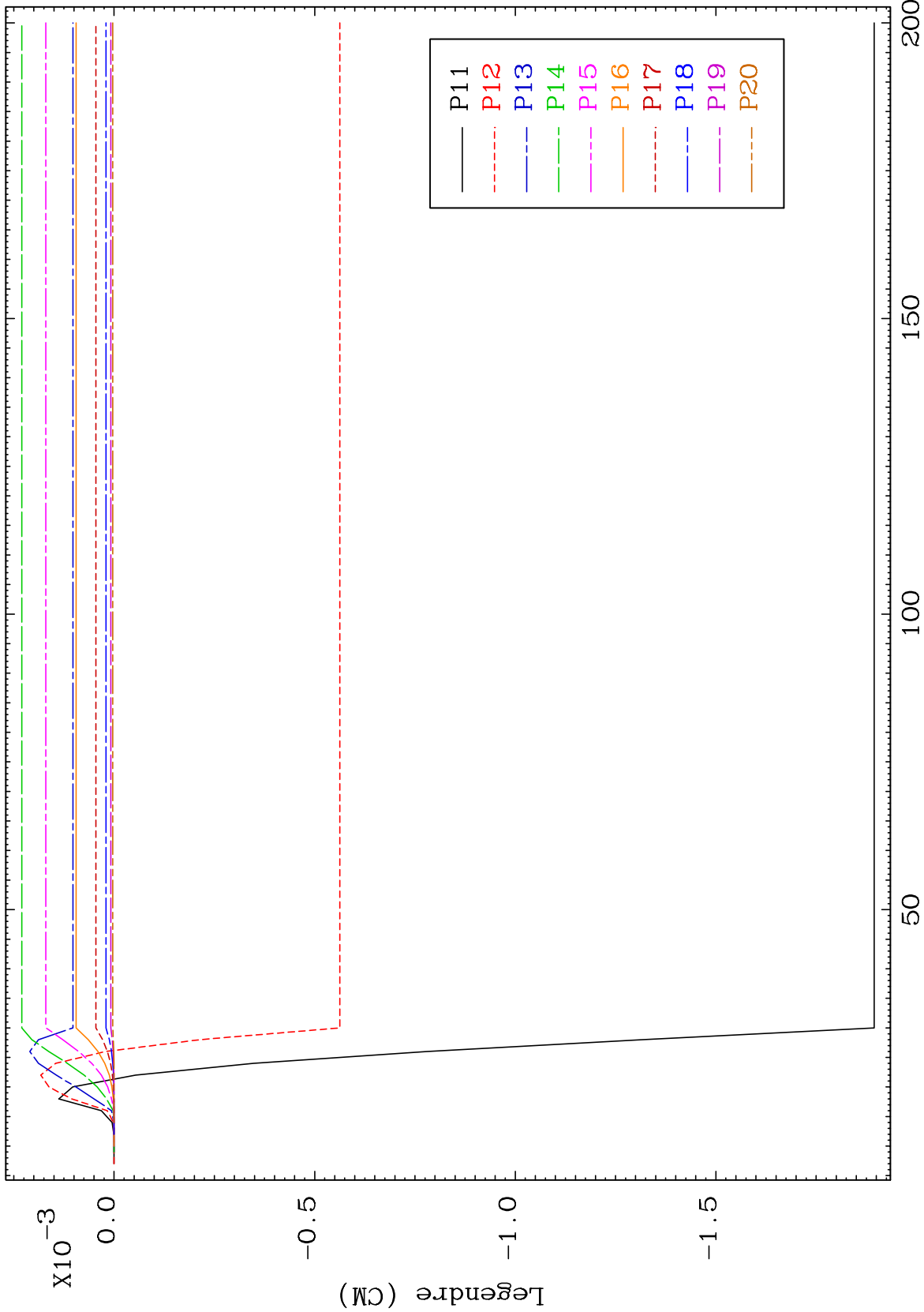


MAT 1319

MT= 59 (n,n') Level

13-Al-25

Legendre Coefficients



42

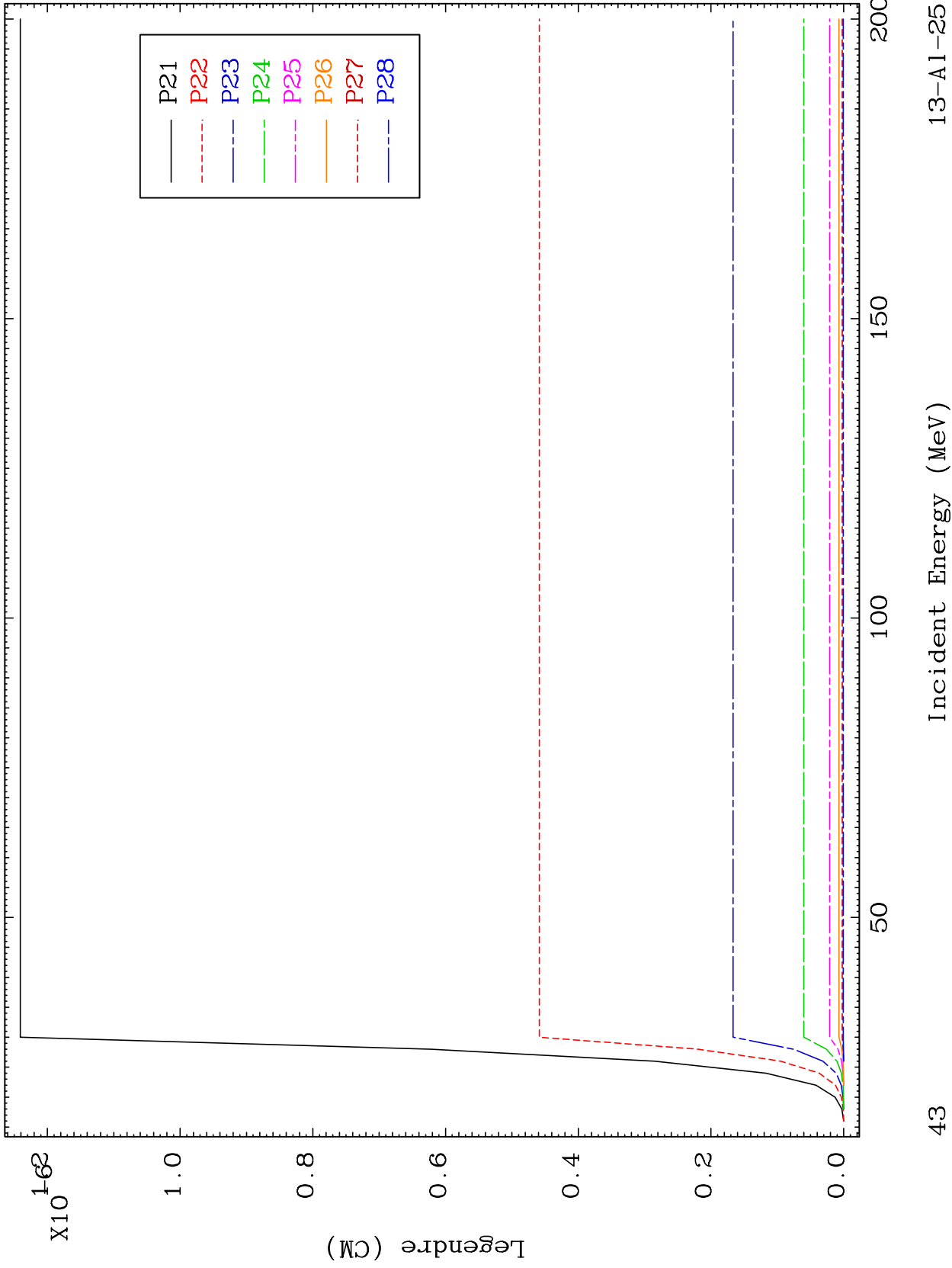
Incident Energy (MeV)

13-Al-25

MAT 1319

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

13-Al-25



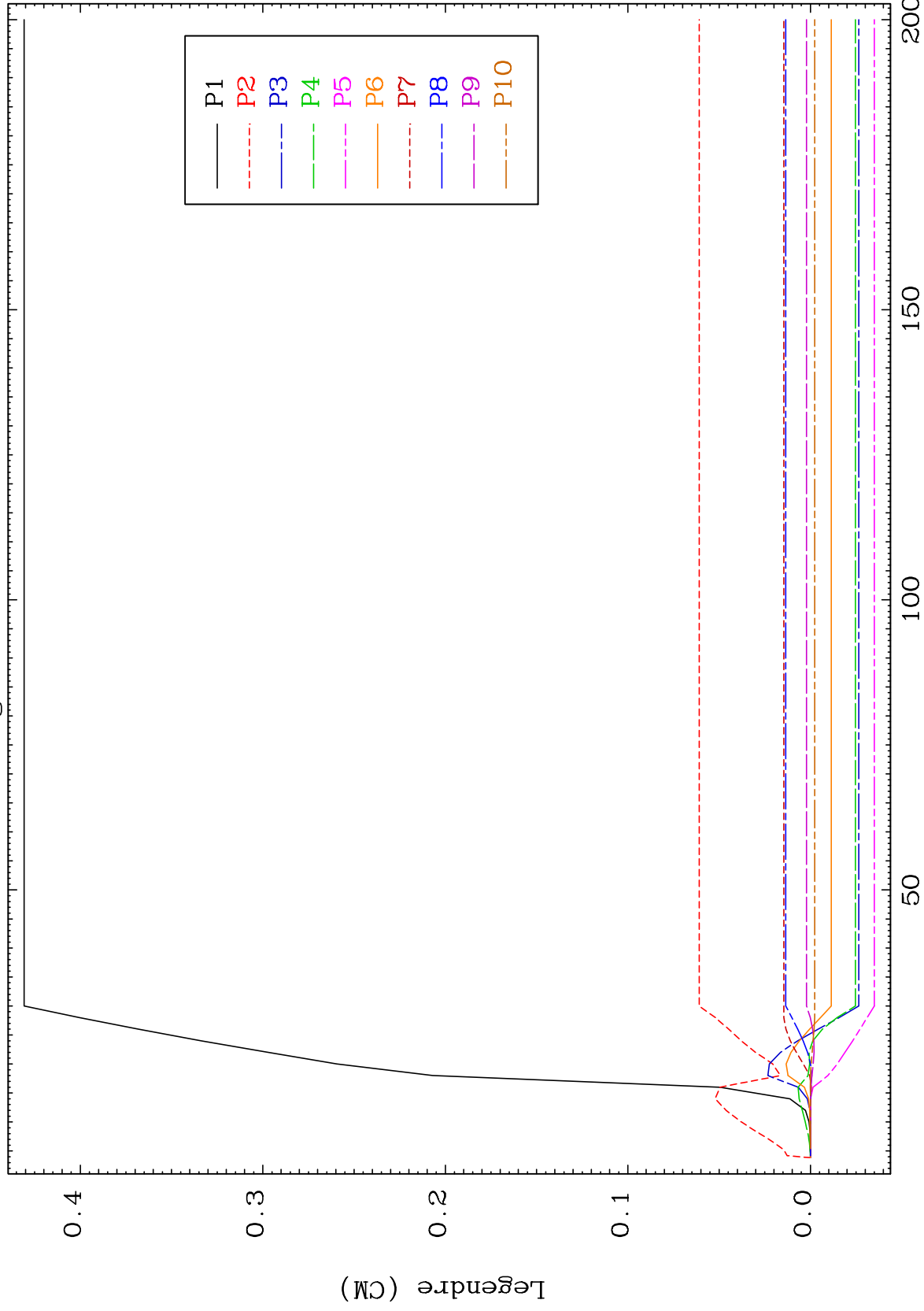
43

13-Al-25

MAT 1319

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

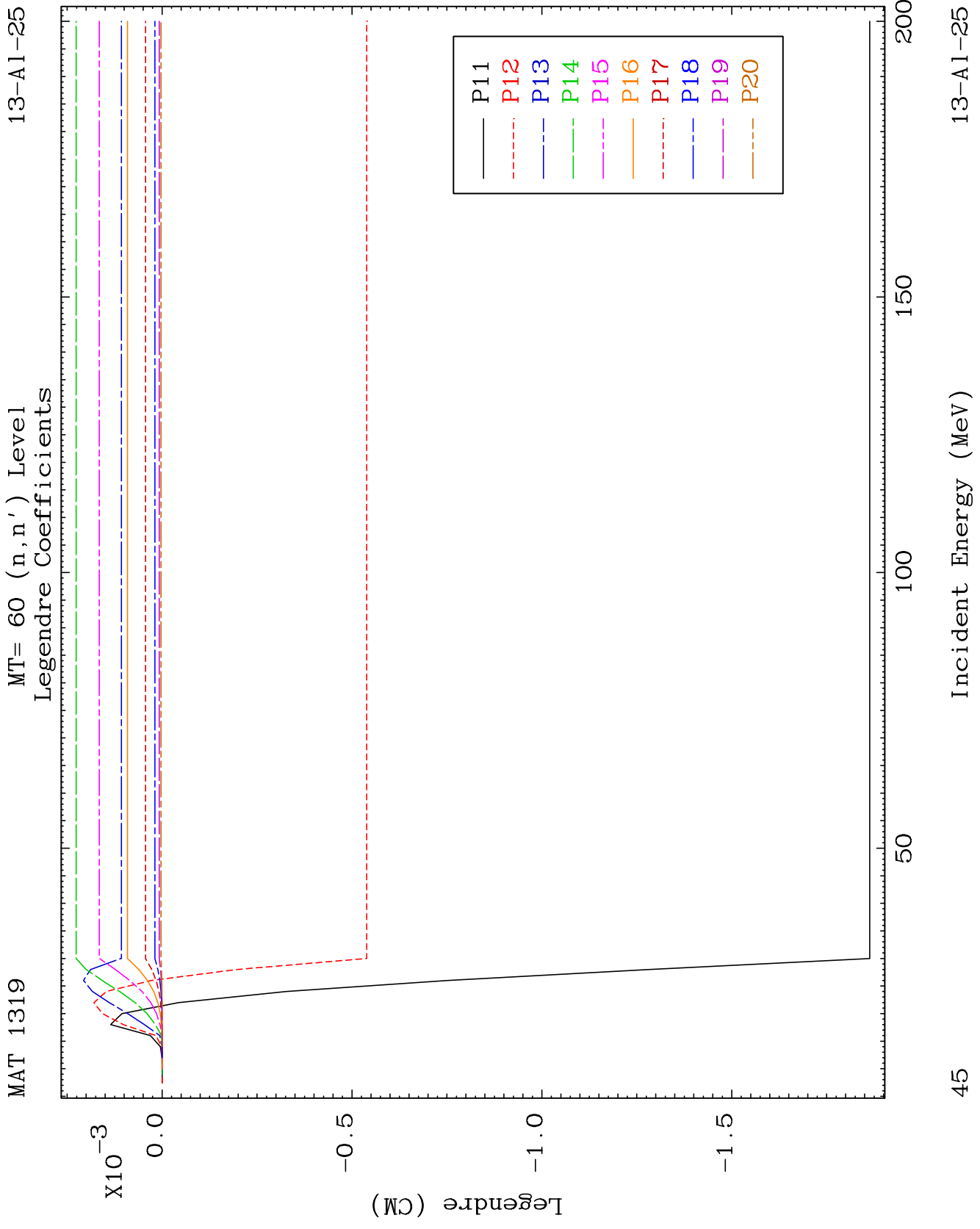
13-A1-25



44

Incident Energy (MeV)

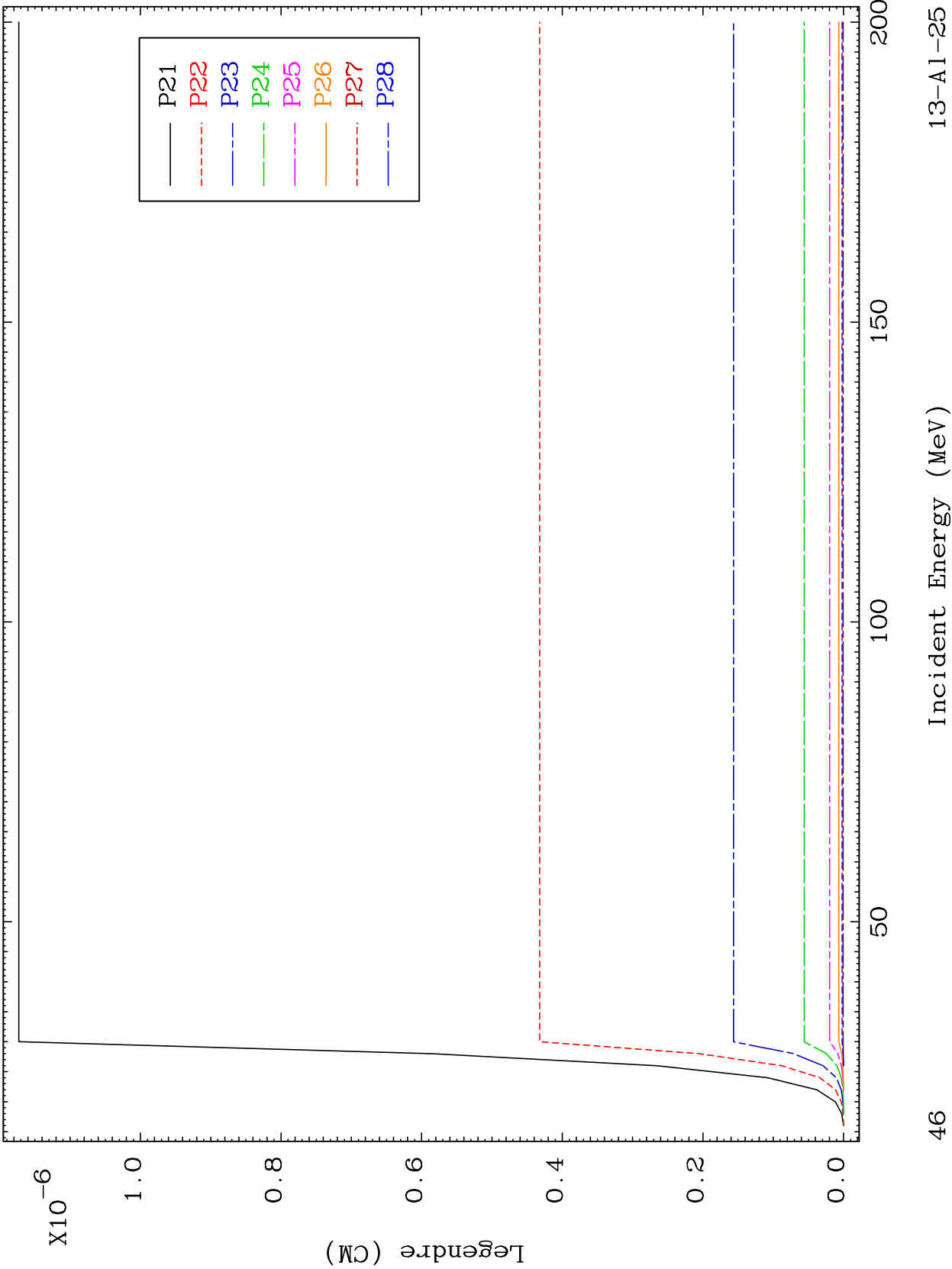
13-A1-25



MAT 1319

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

13-Al-25



46

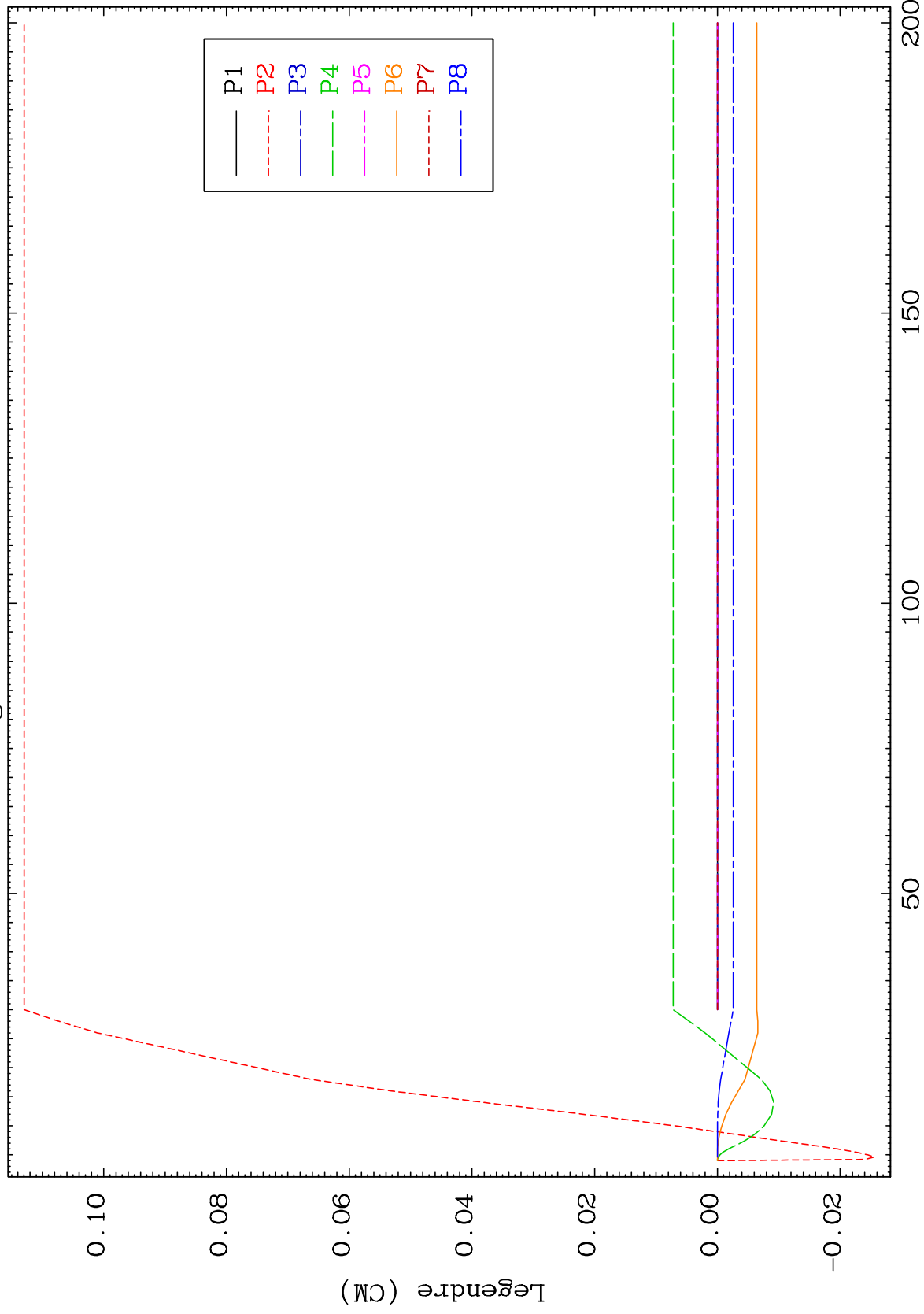
Incident Energy (MeV)

13-Al-25

MAT 1319

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

13-A1-25

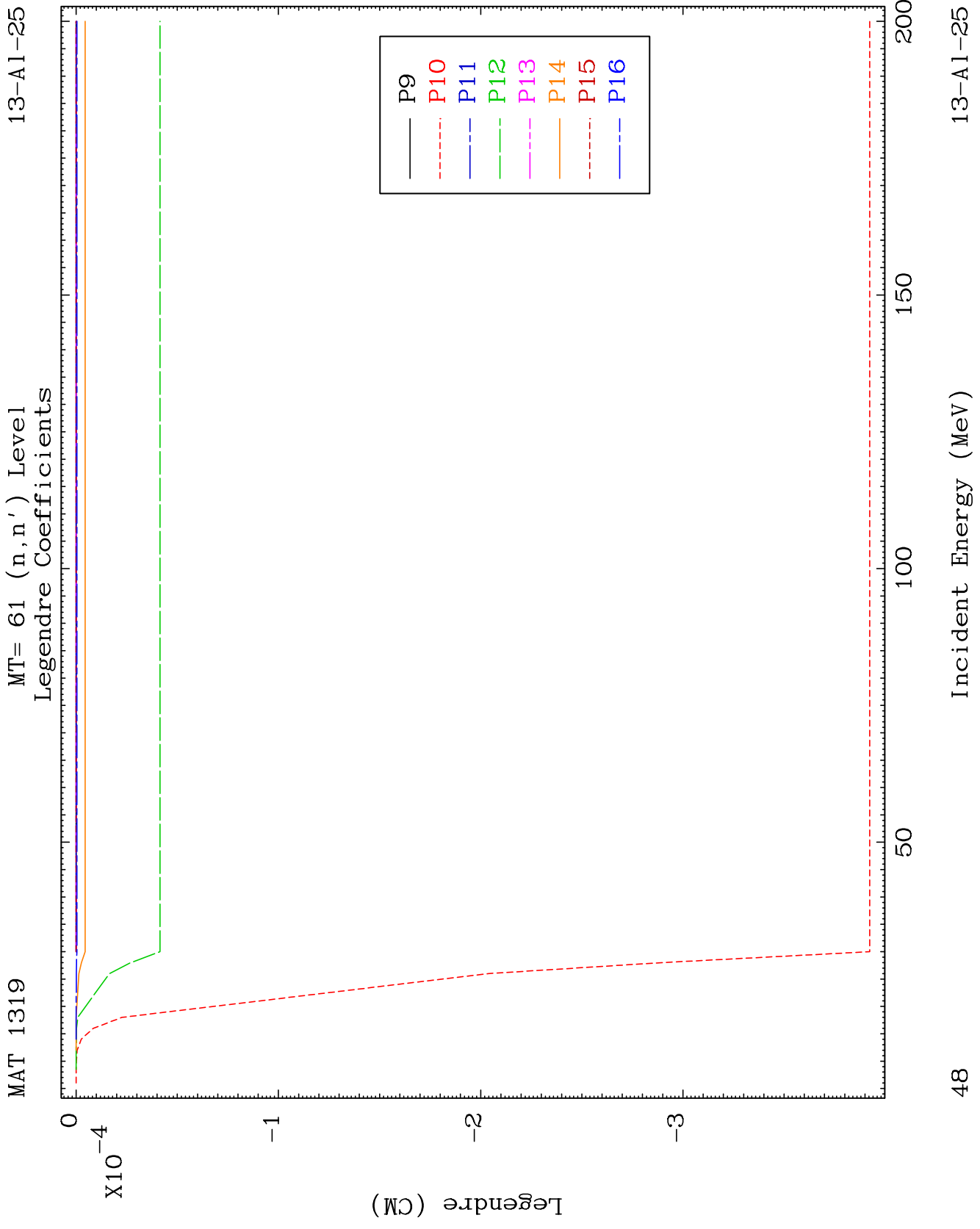


47

Incident Energy (MeV)

13-A1-25

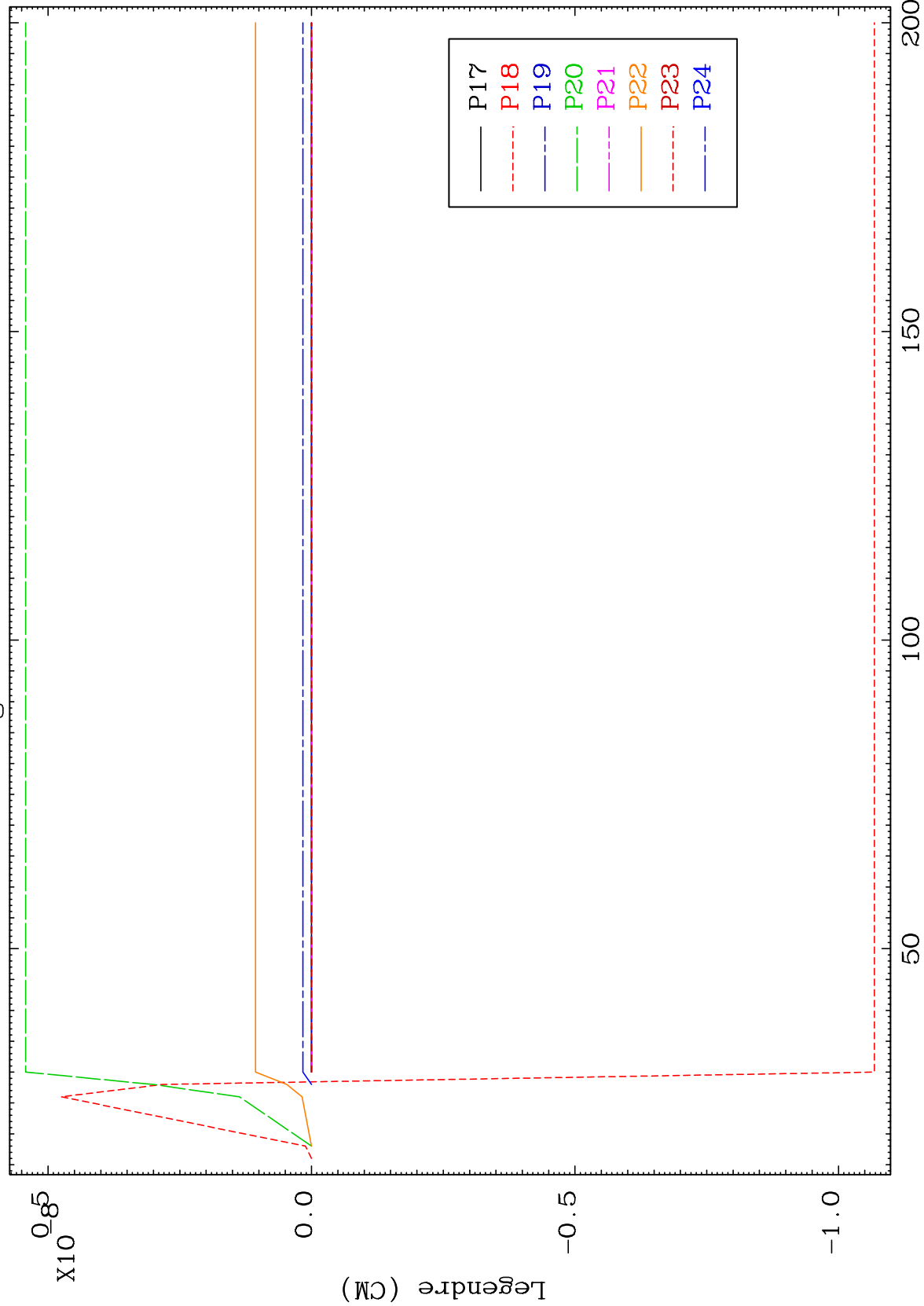




MAT 1319

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

13-A1 -25



49

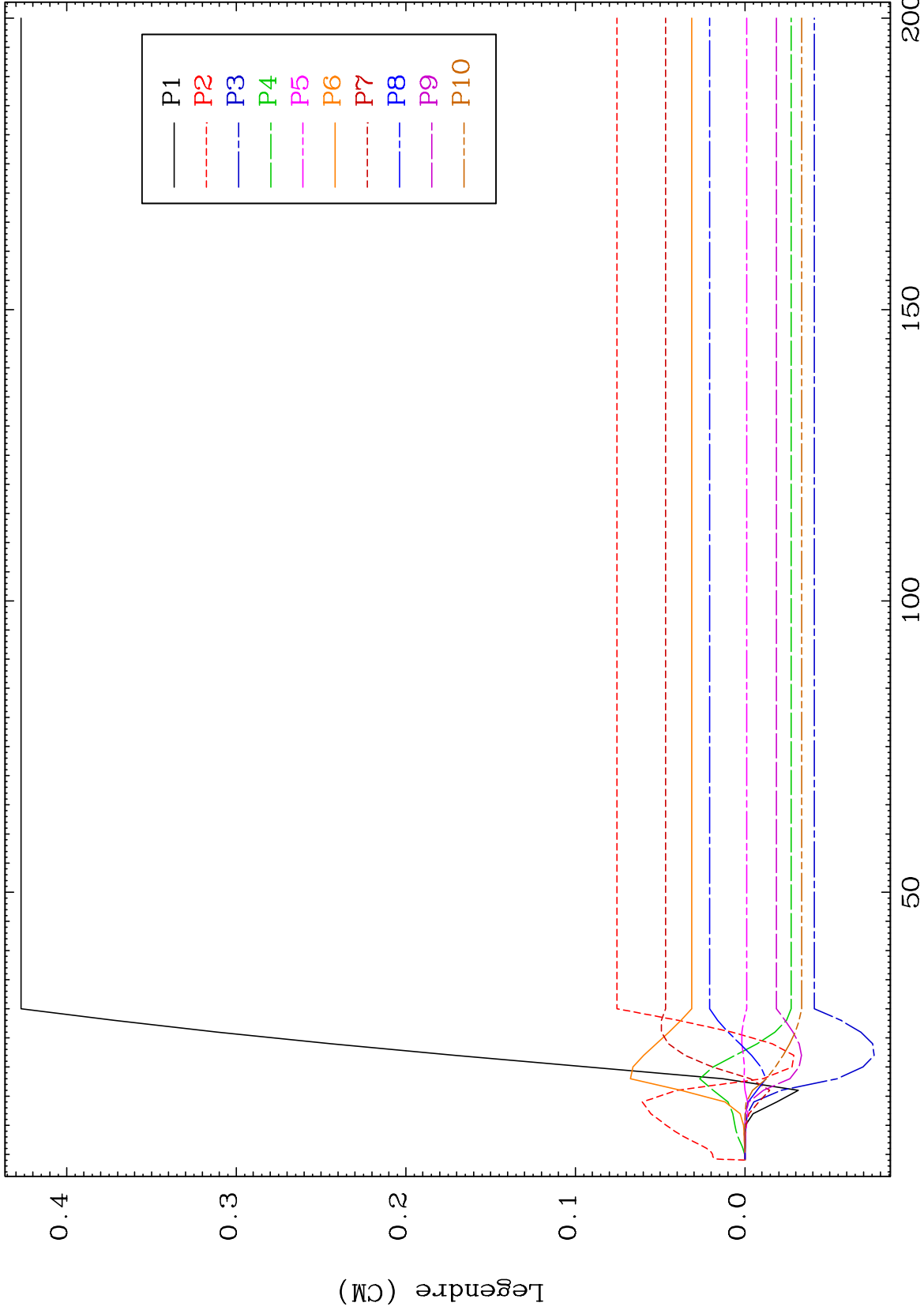
Incident Energy (MeV)

13-A1 -25

MAT 1319

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

13-Al-25



50

50

100

150

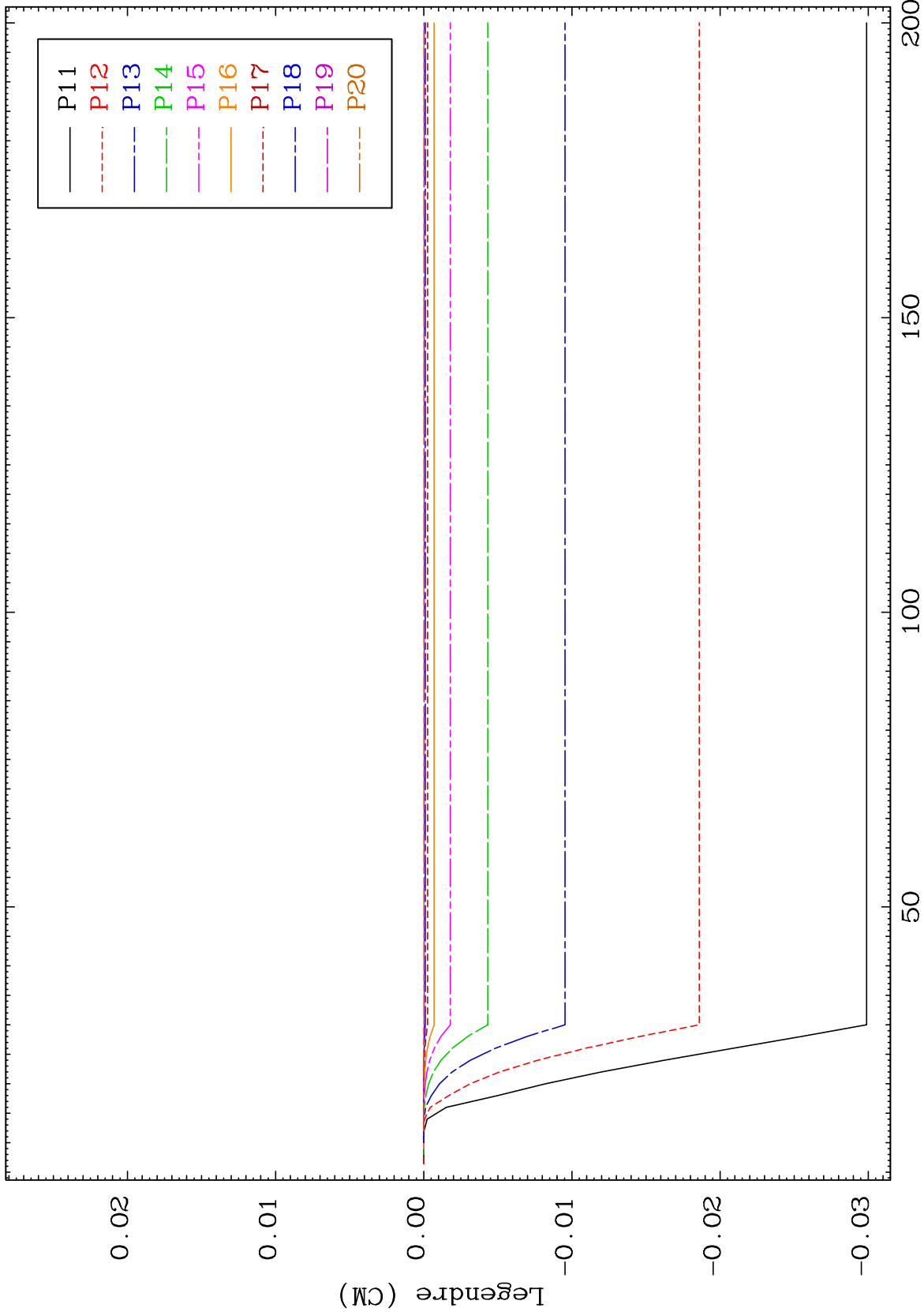
200

13-Al-25

MAT 1319

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

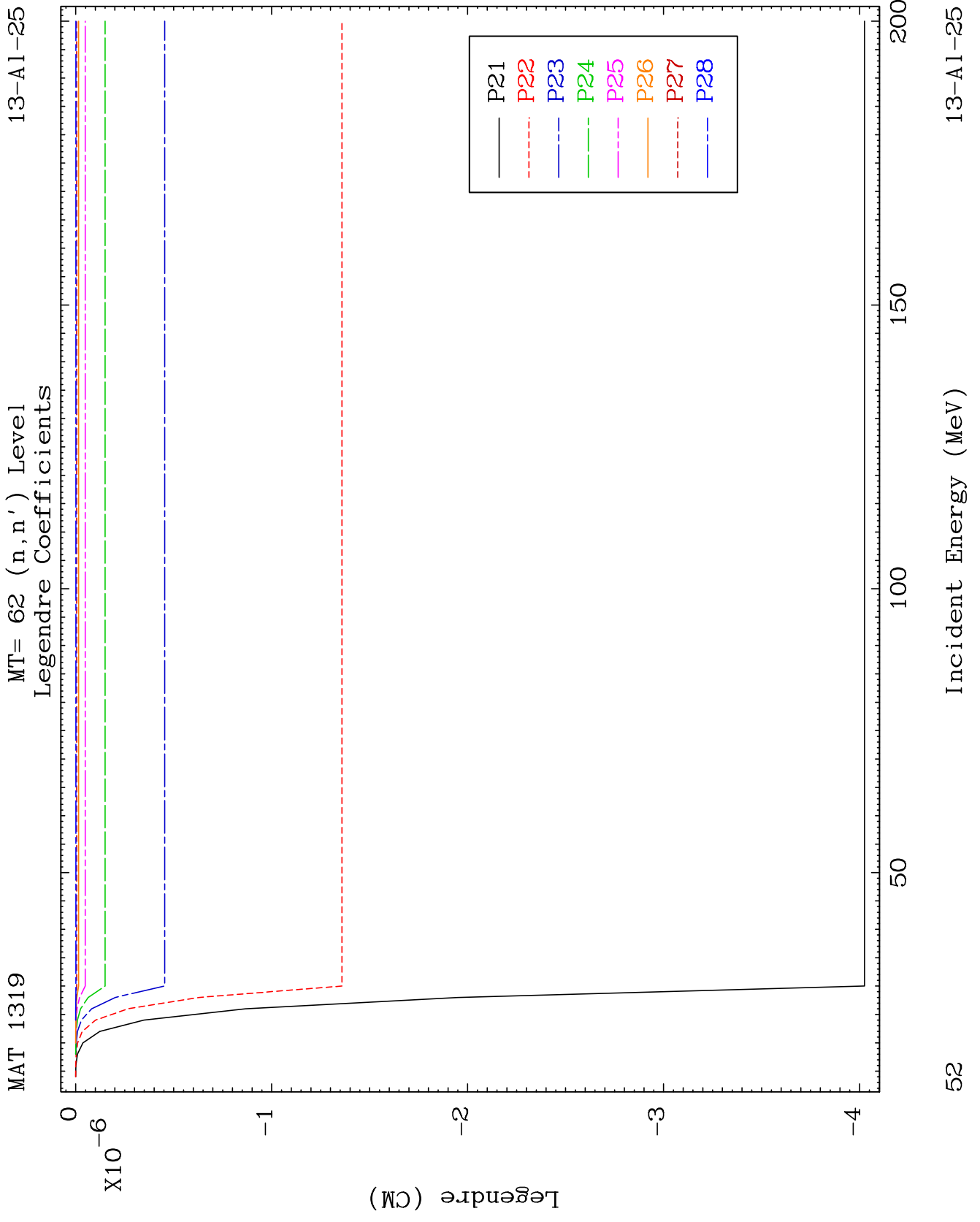
13-A1-25

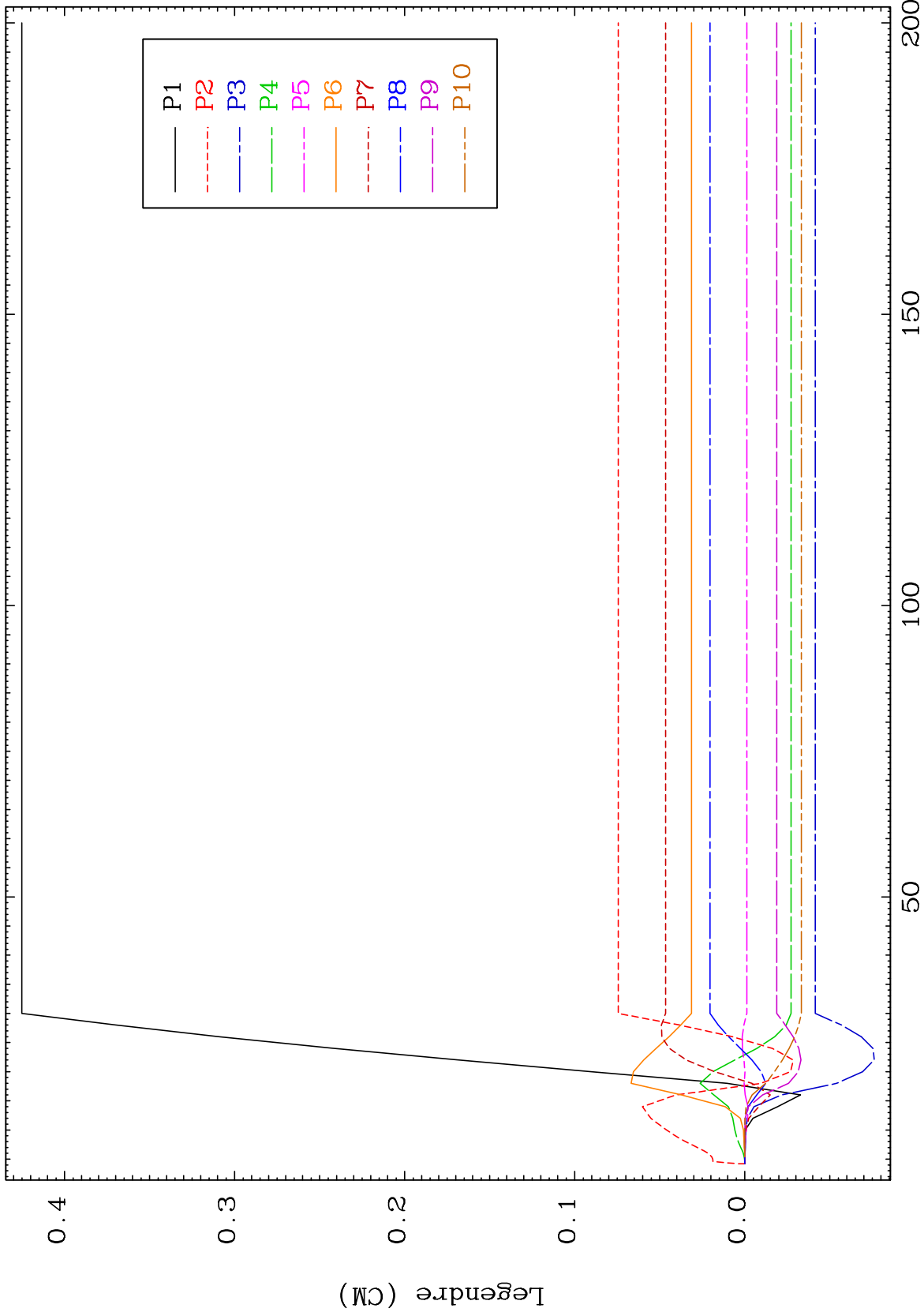


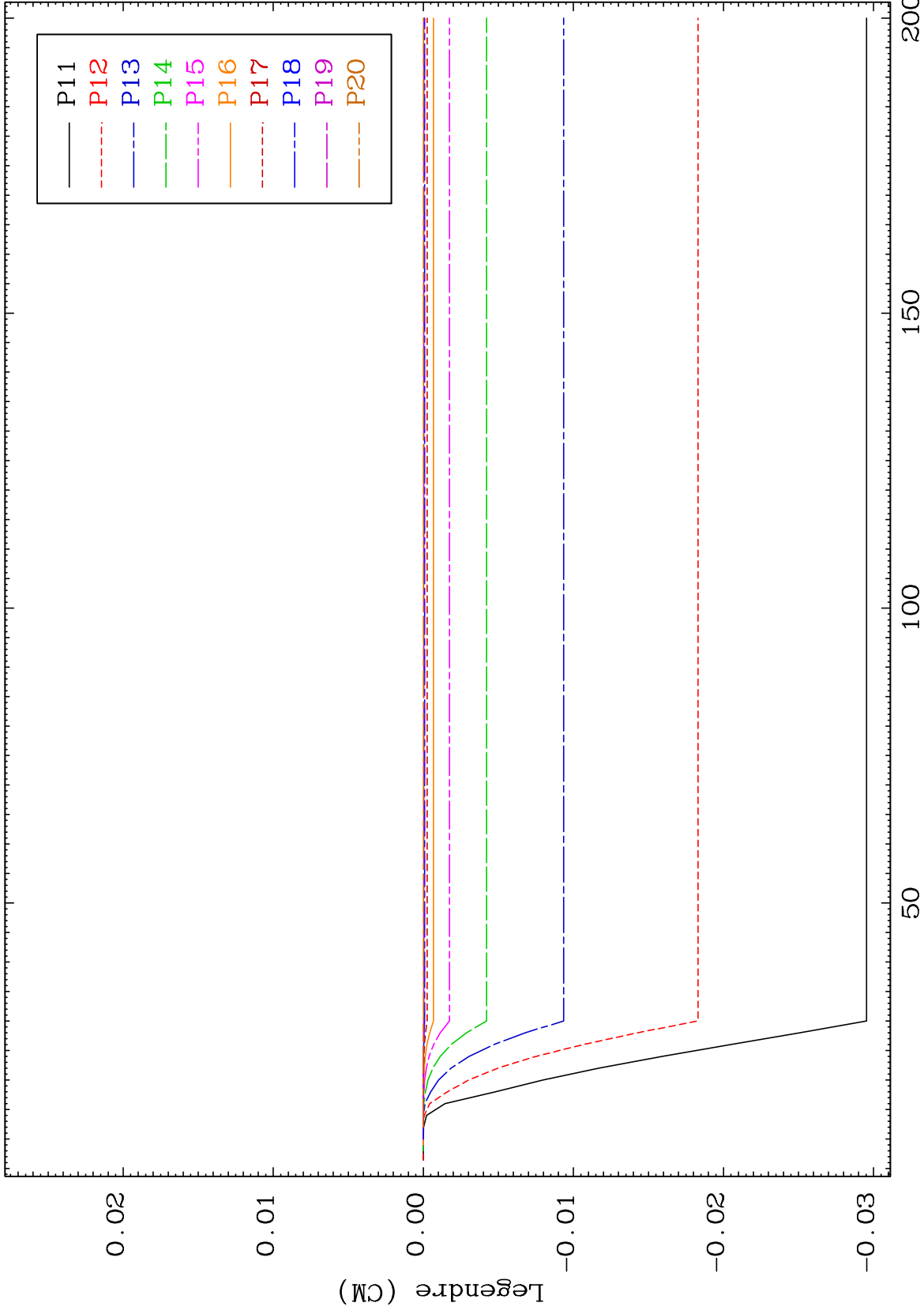
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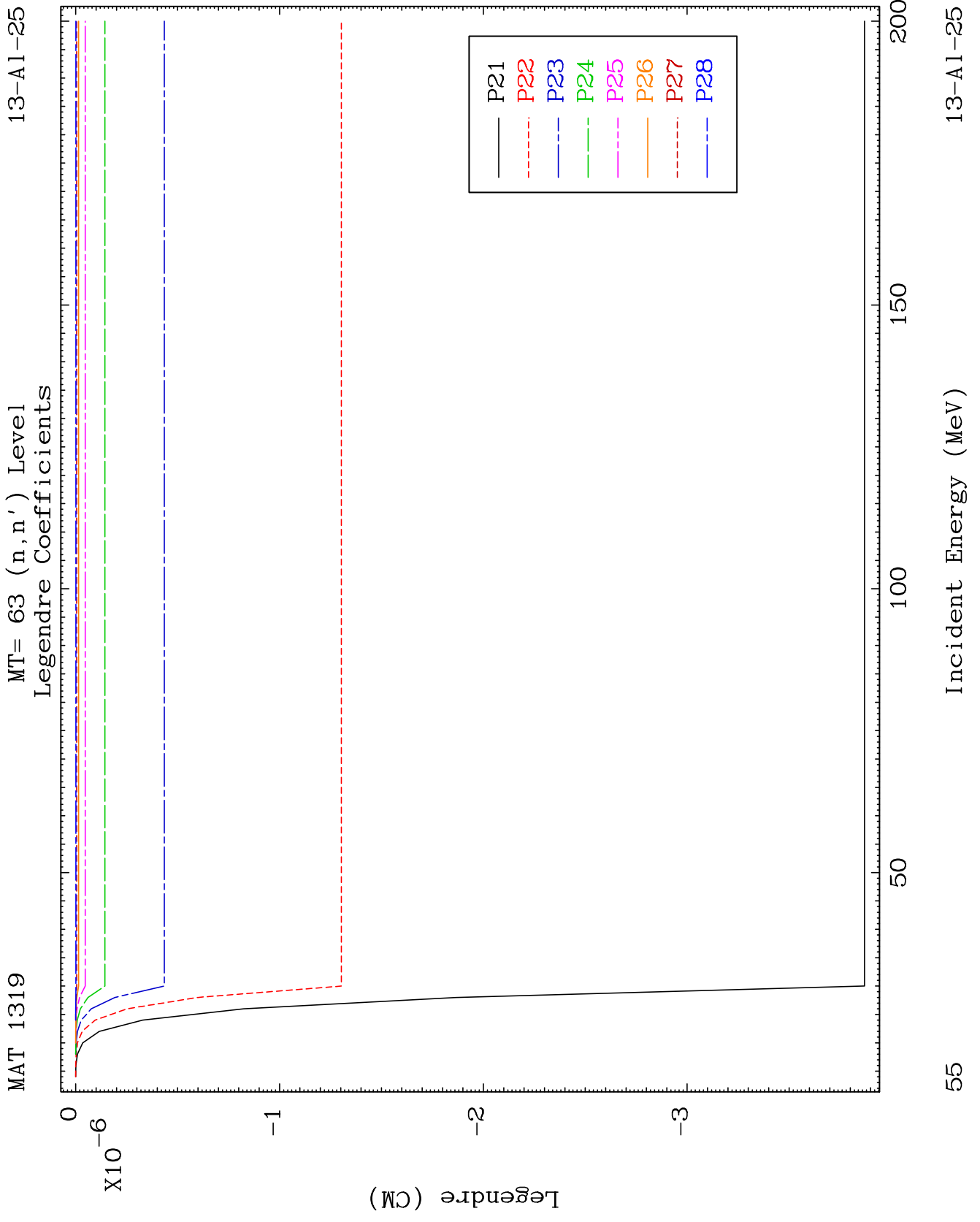
Incident Energy (MeV)

13-A1-25

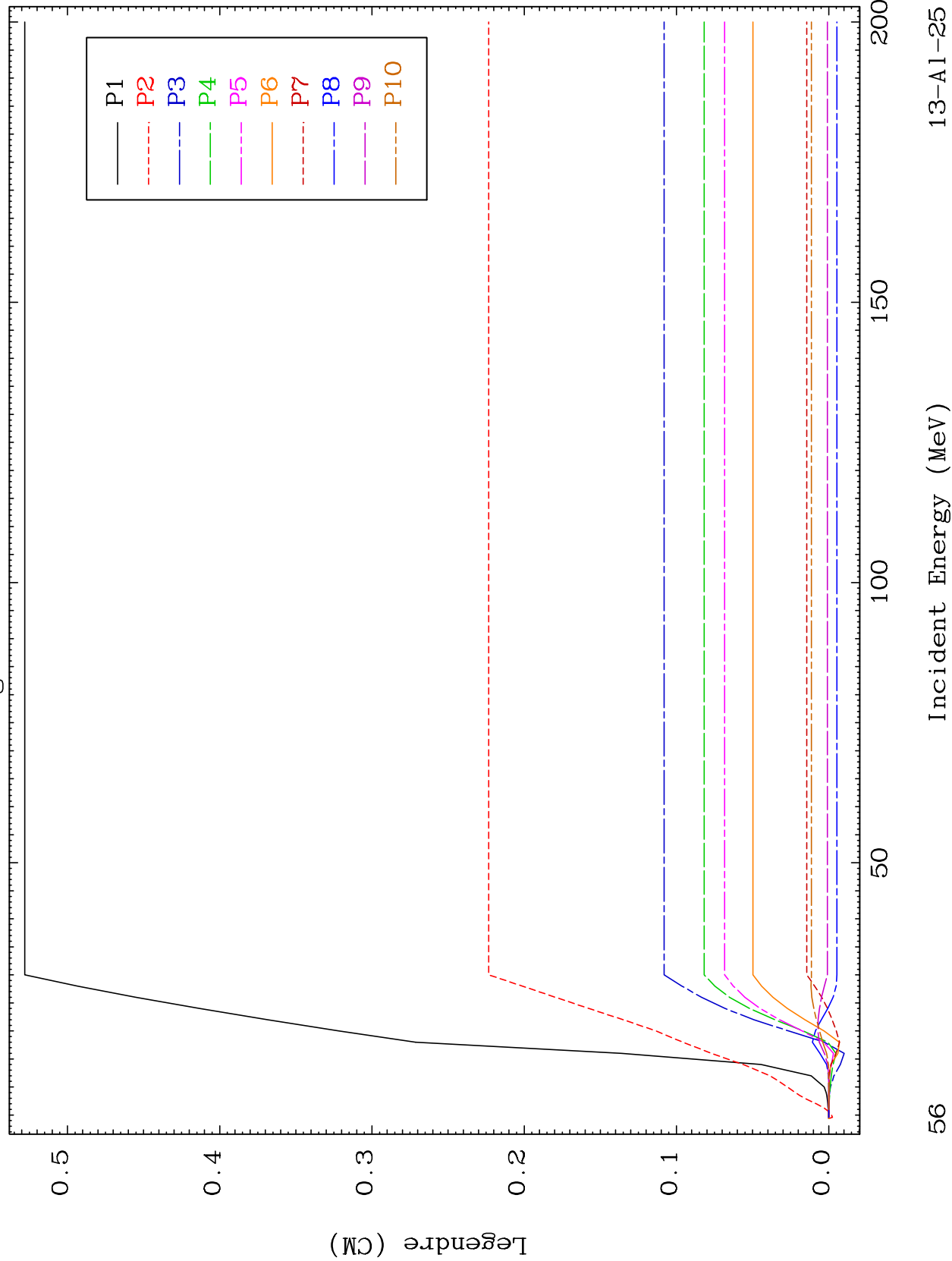








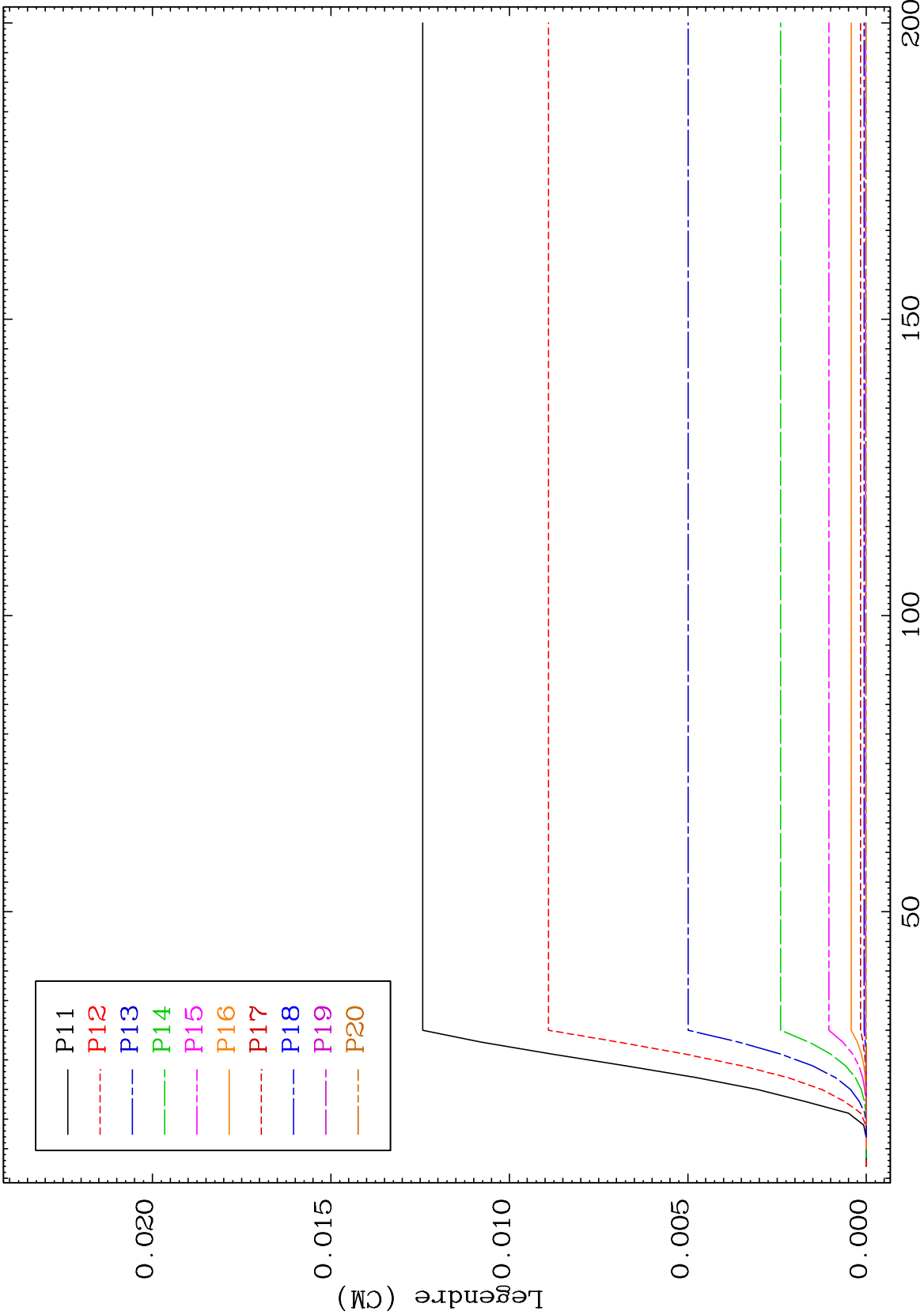




MAT 1319

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

13-A1-25



57

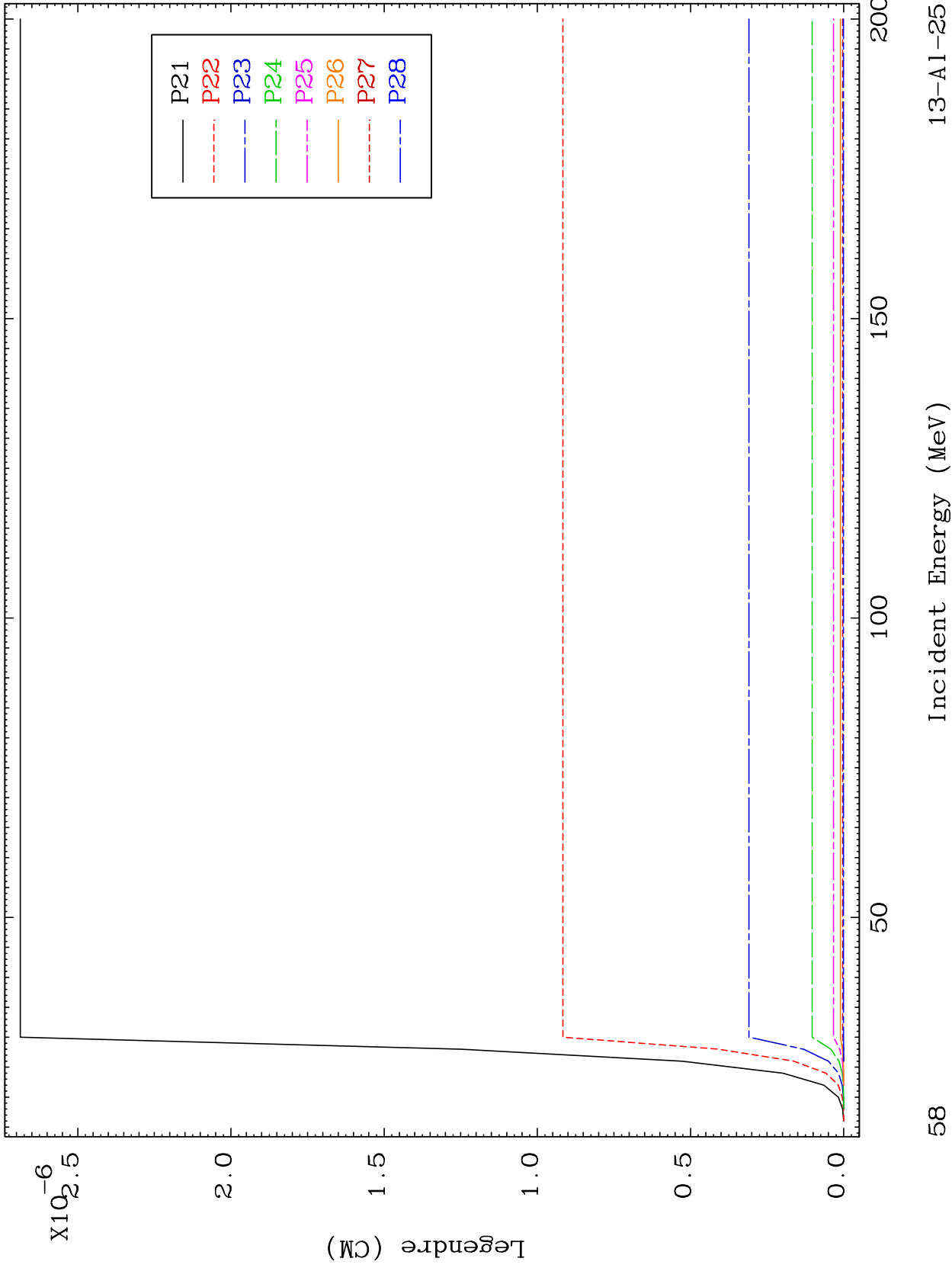
Incident Energy (MeV)

13-A1-25

MAT 1319

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

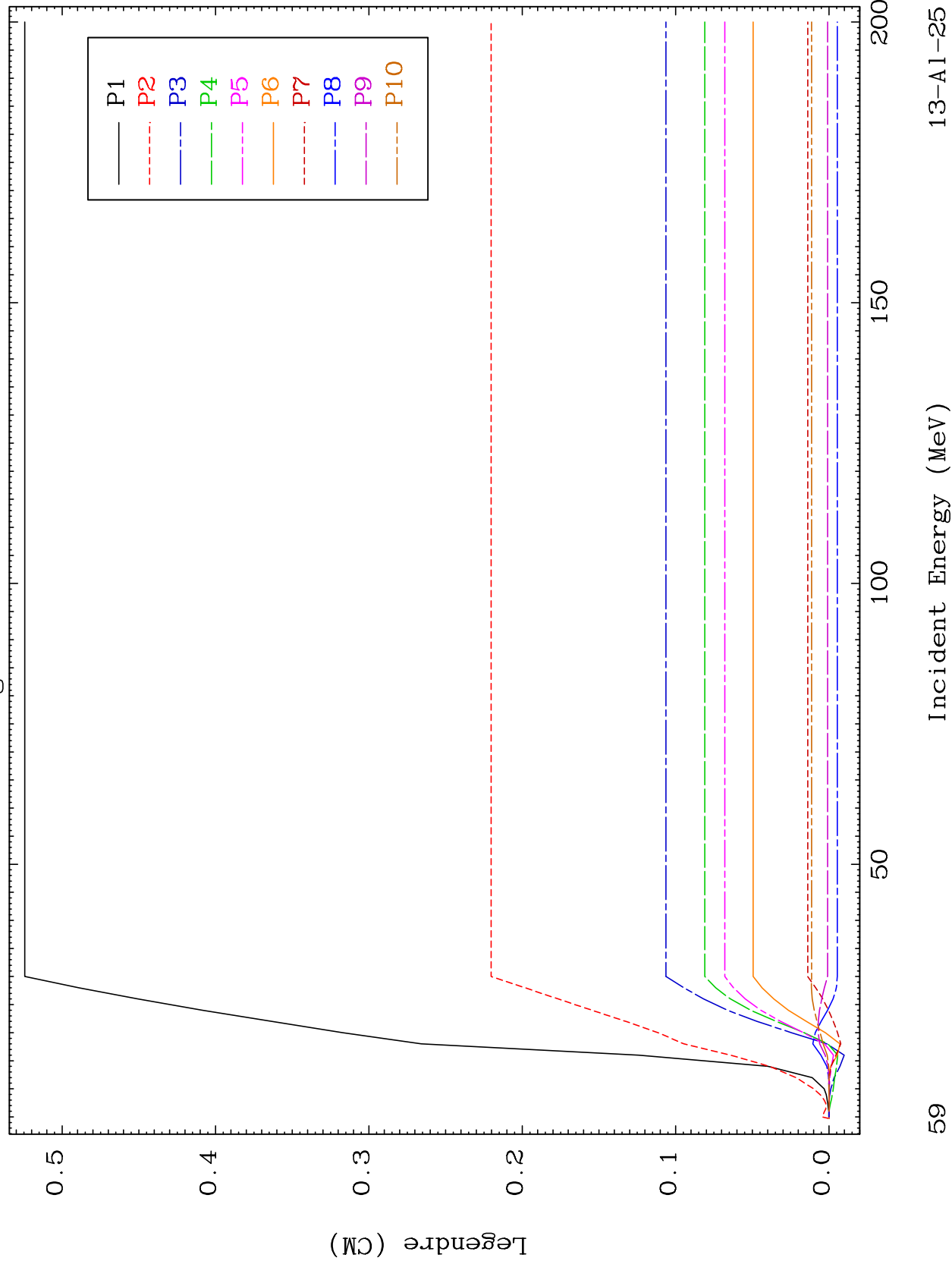
13-Al-25



58

Incident Energy (MeV)

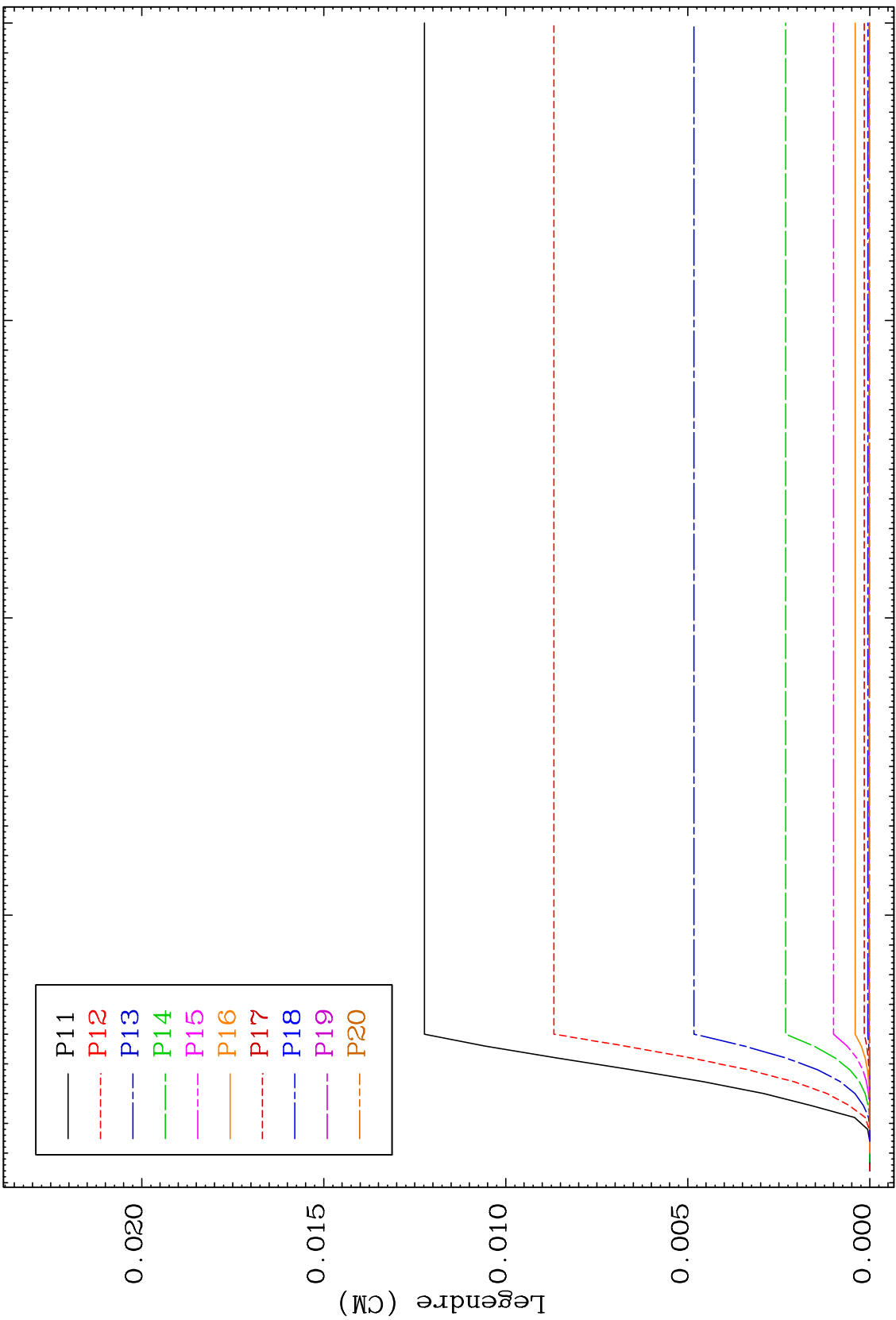
13-Al-25



MAT 1319

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

13-Al-25



60

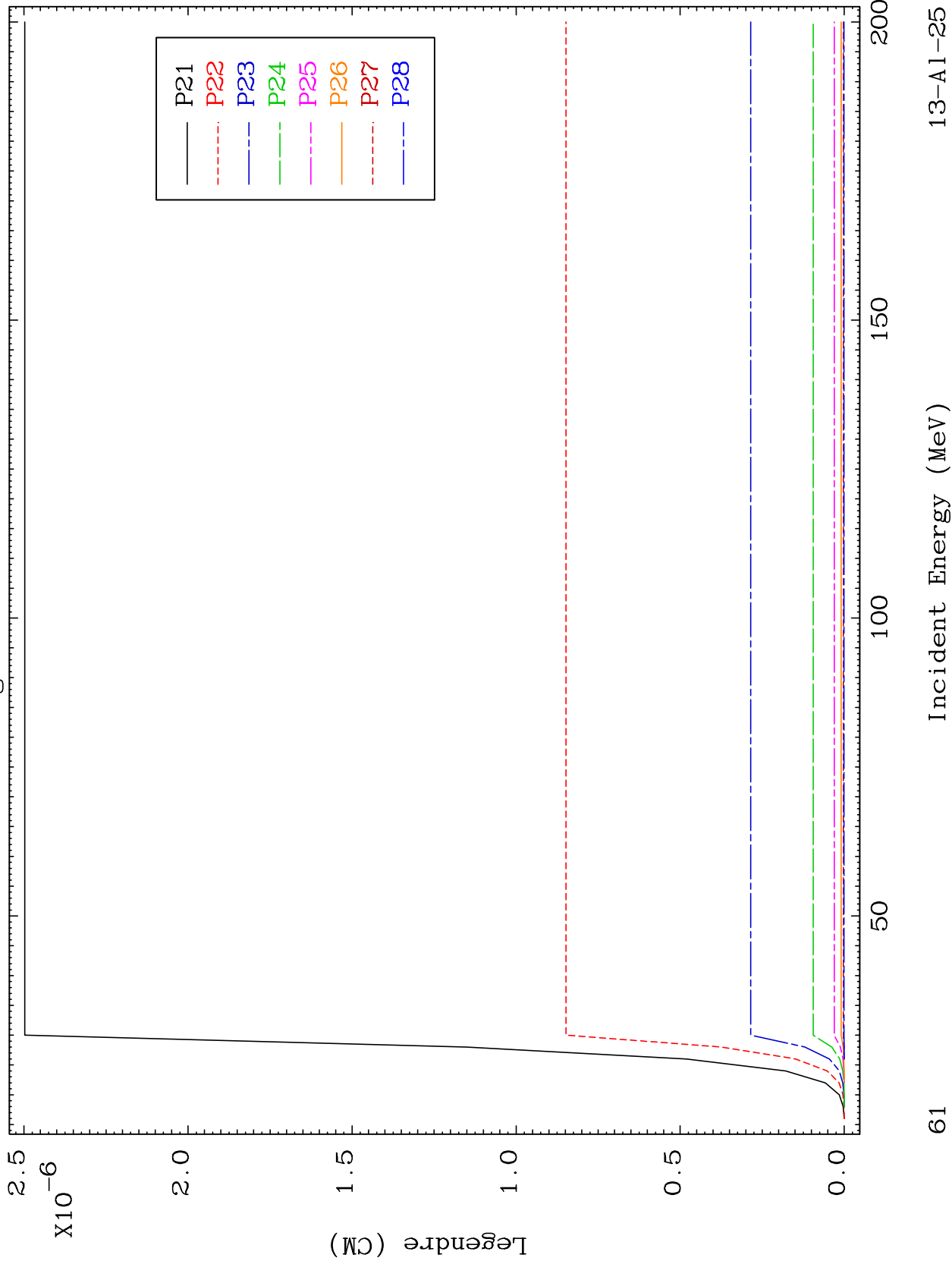
Incident Energy (MeV)

13-Al-25

MAT 1319

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

13-Al-25

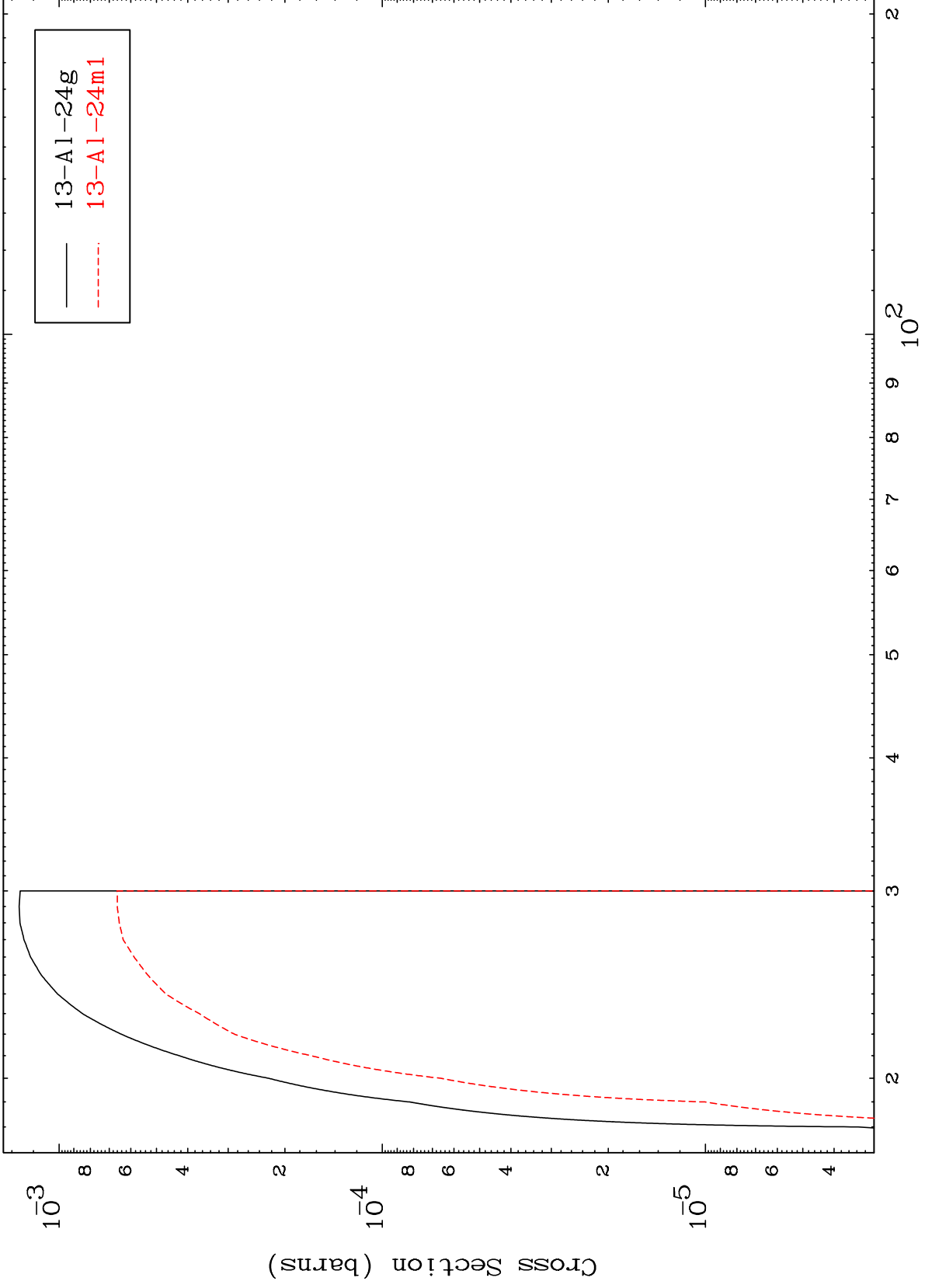


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Incident Energy (MeV)

13-Al-25

(n,2n)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section  
(n,  $\gamma$ )

