

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

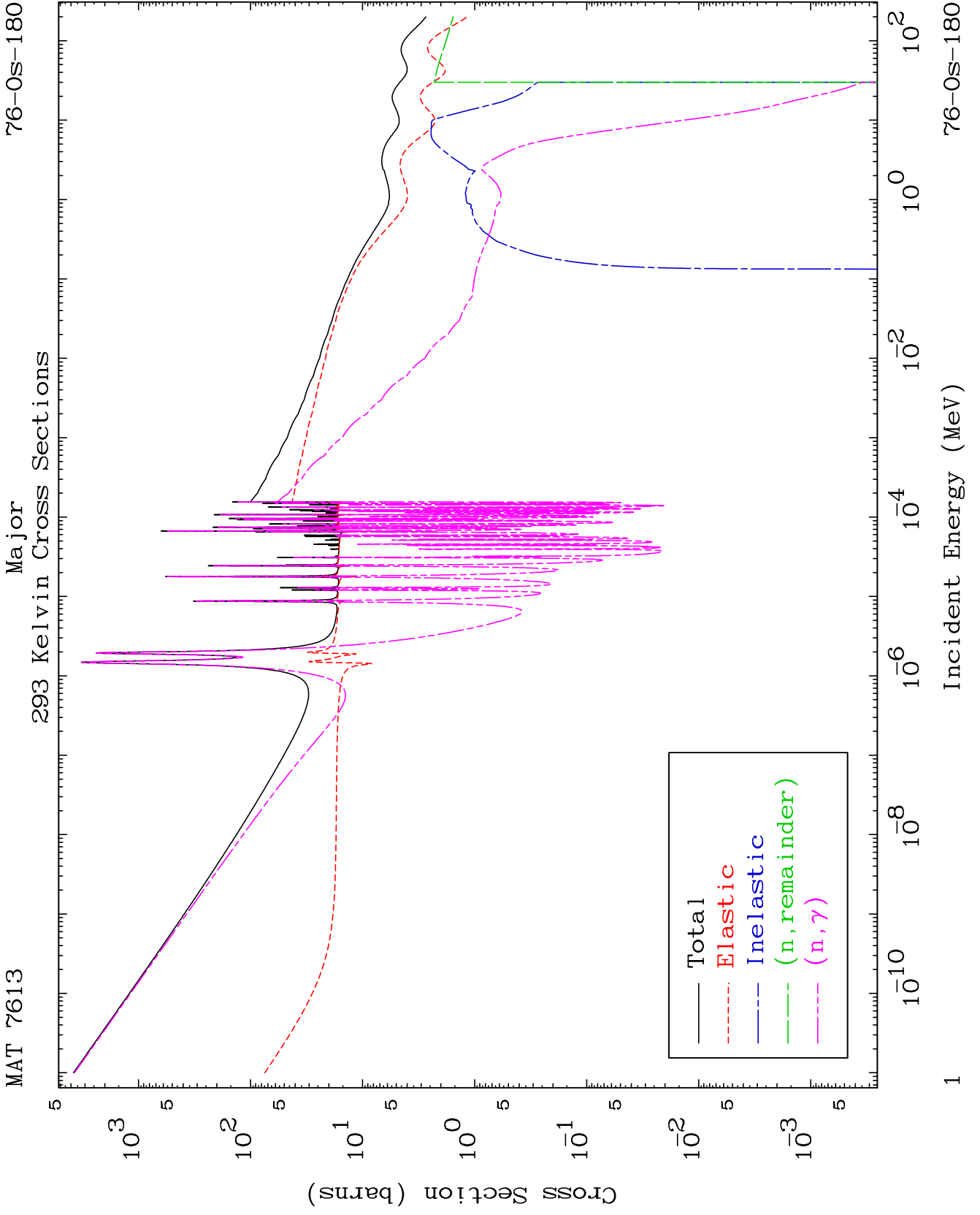
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Web:redcullen1.net/HOMEPAGE.NEW

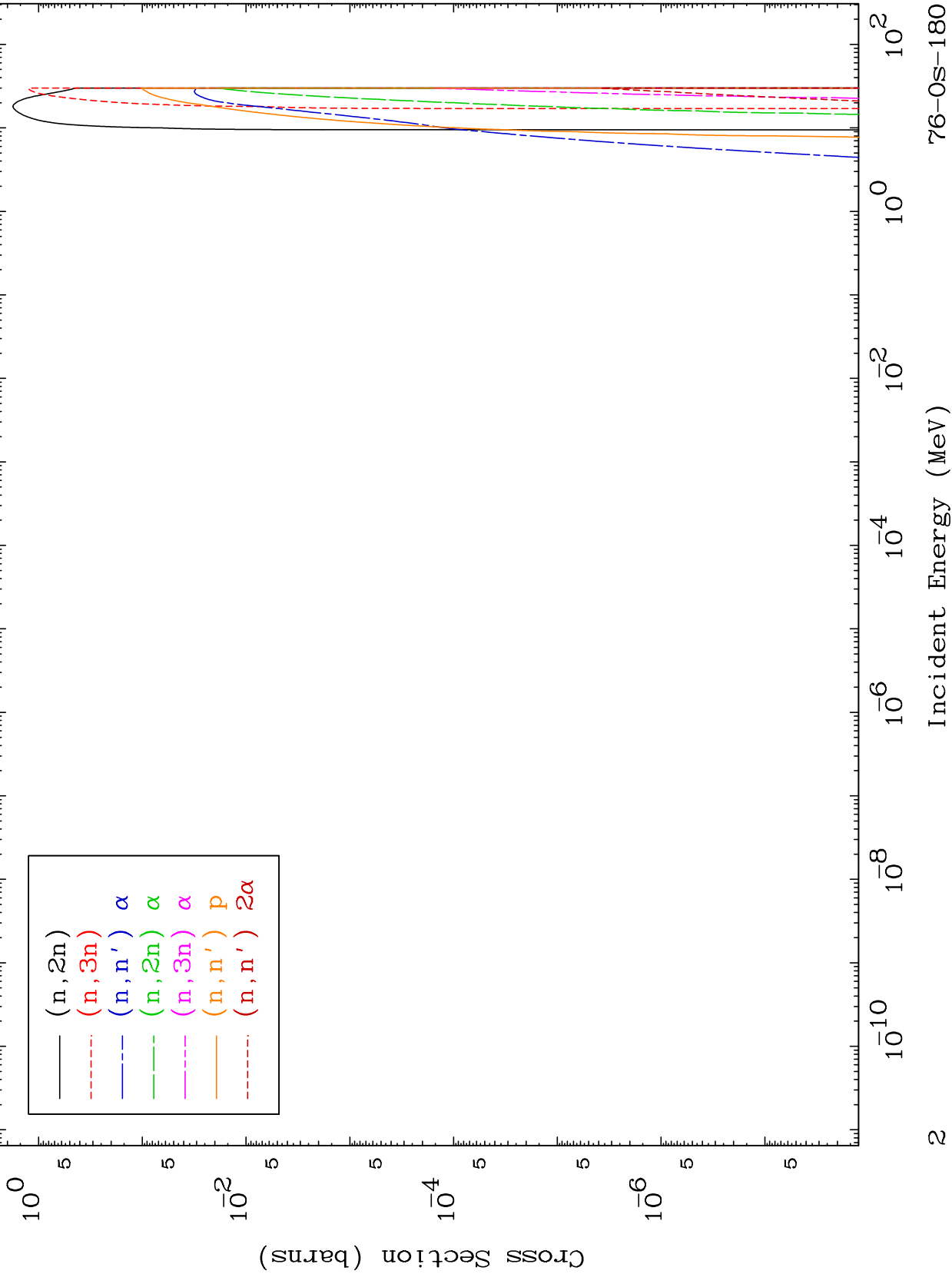
Press Mouse Button to Start



MAT 7613

Neutron Production
293 Kelvin Cross Sections

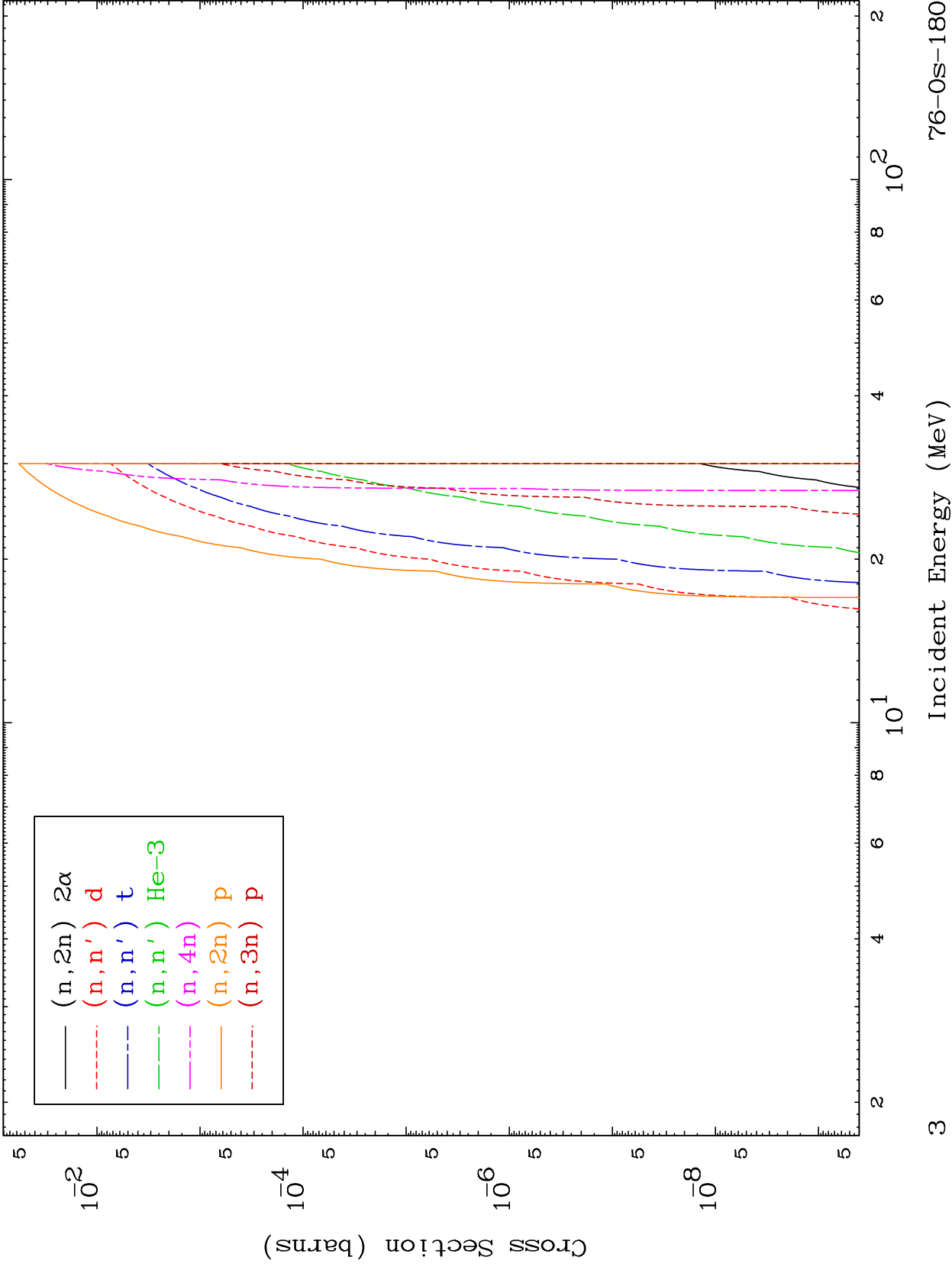
76-Os-180



MAT 7613

Neutron Production
293 Kelvin Cross Sections

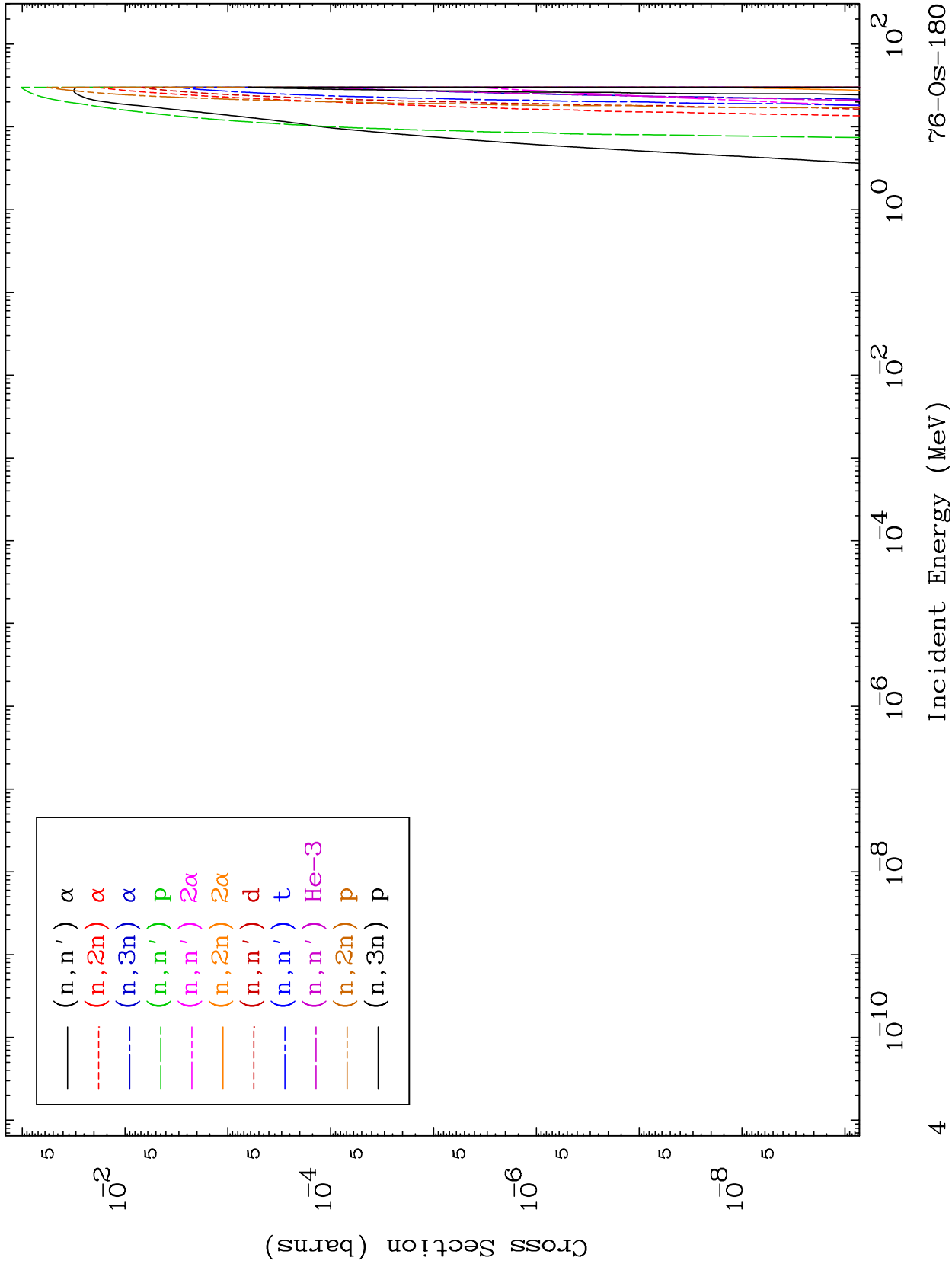
76-Os-180



MAT 7613

Charged Particle
293 Kelvin Cross Sections

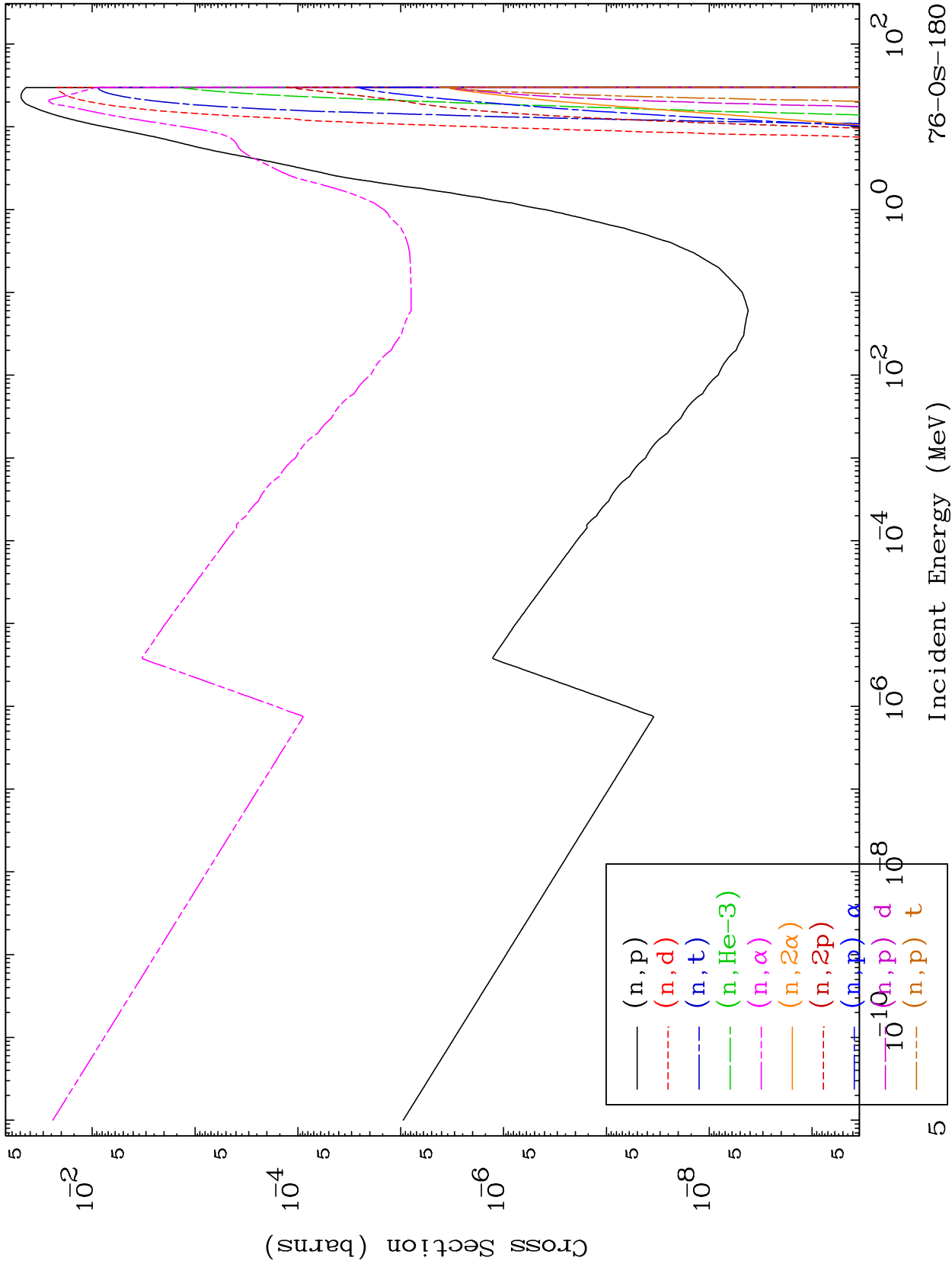
76-Os-180



MAT 7613

Charged Particle
293 Kelvin Cross Sections

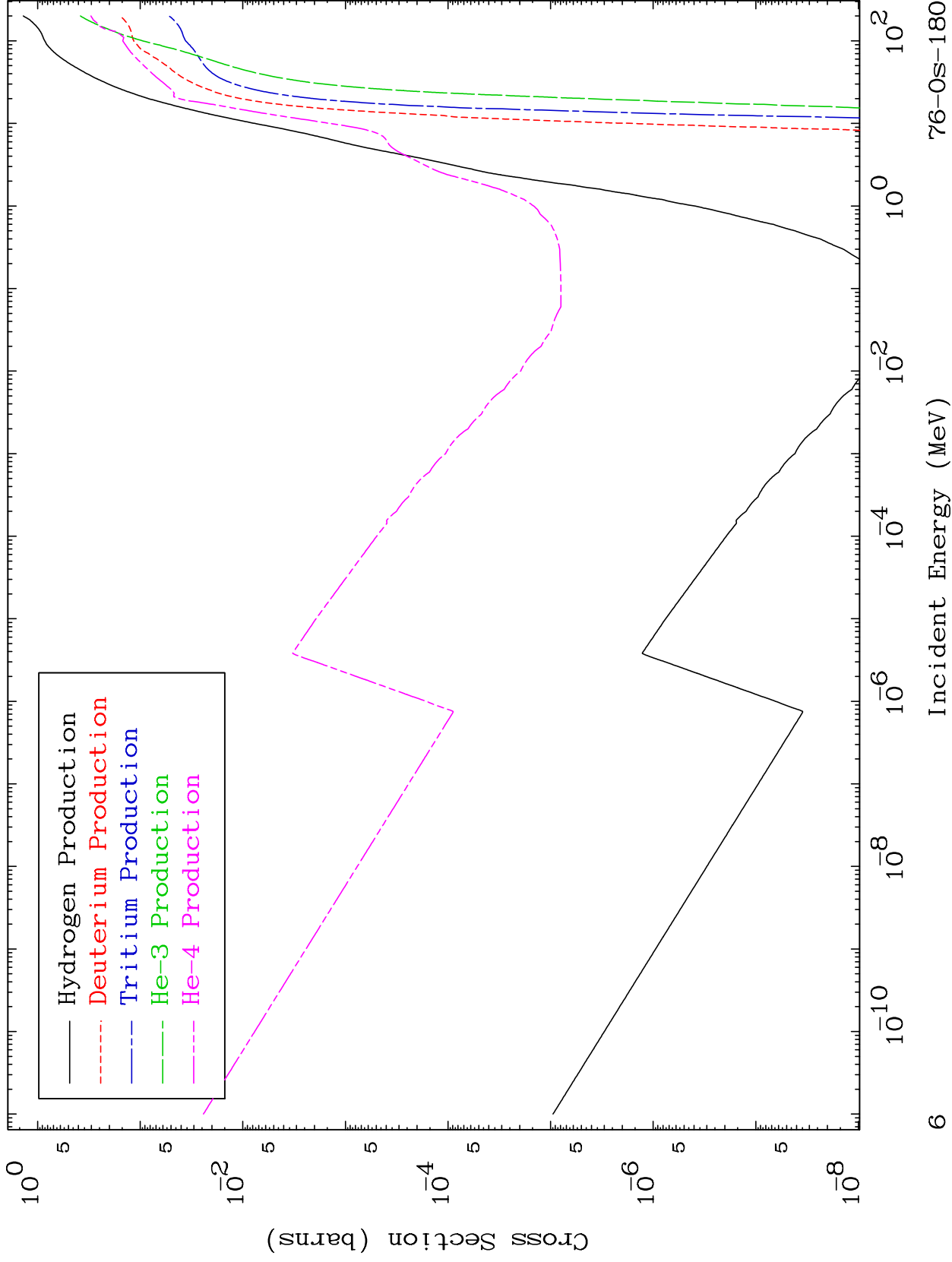
76-Os-180

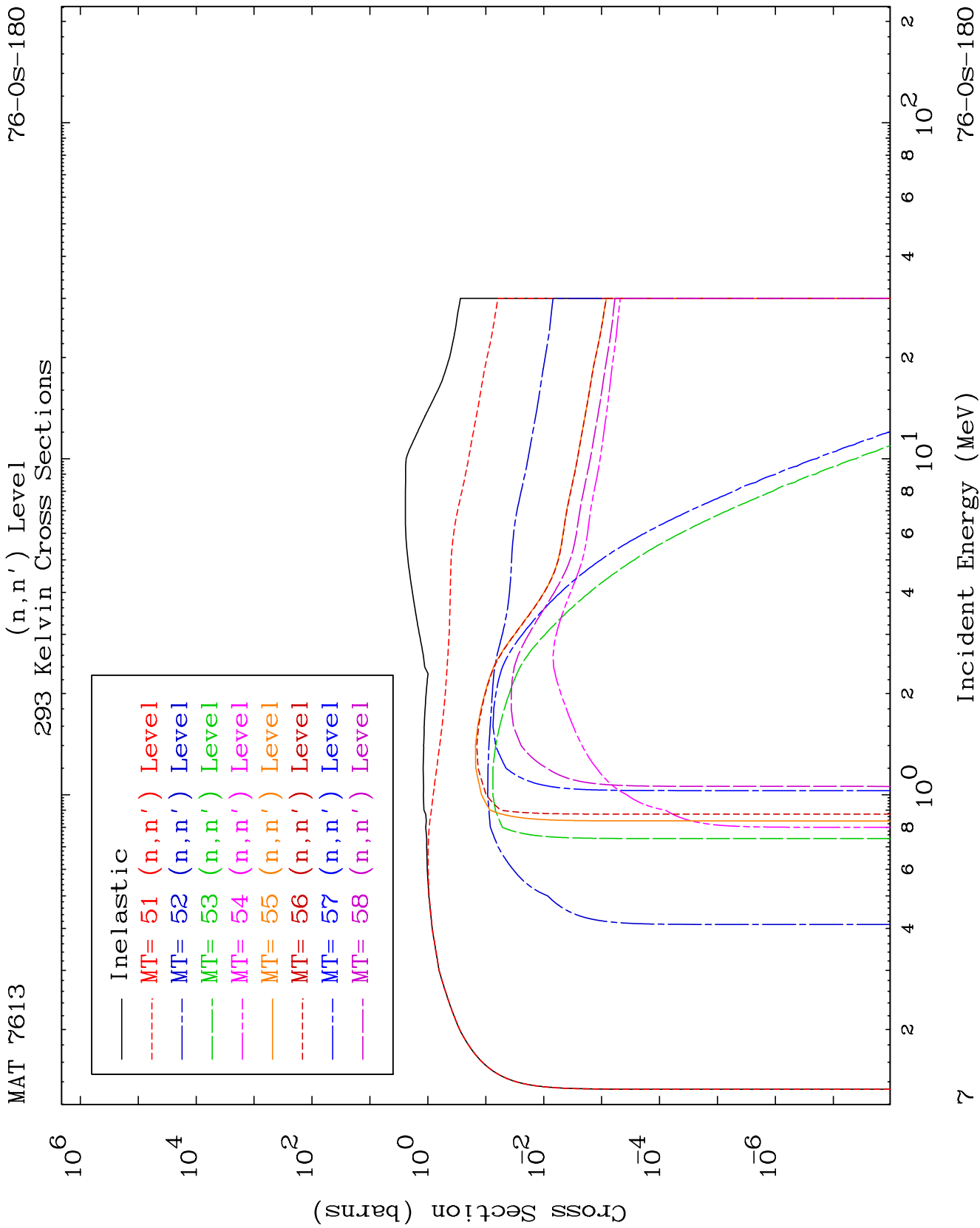


MAT 7613

Particle Production
293 Kelvin Cross Sections

76-Os-180



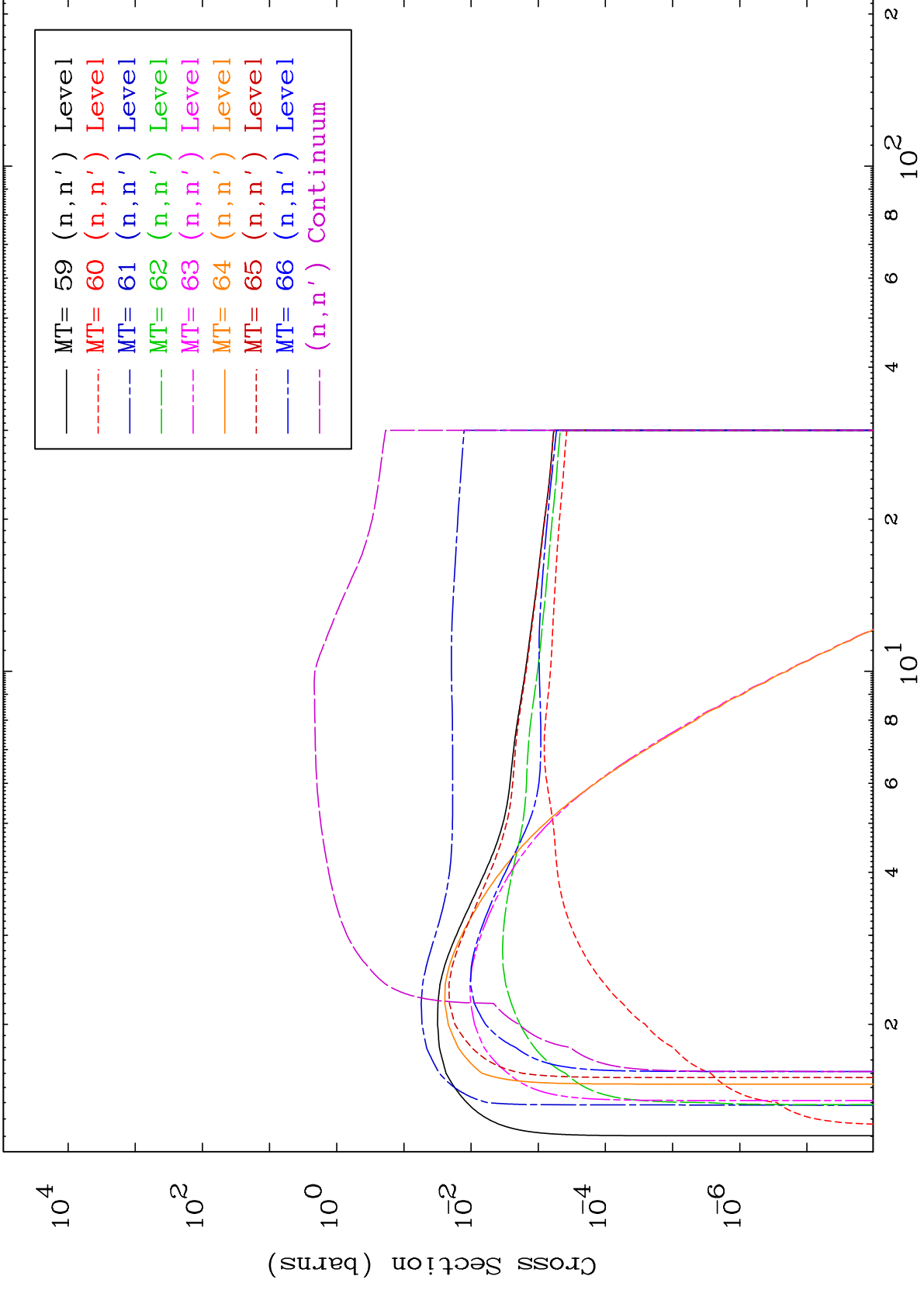


MAT 7613

(n,n') Level

76-Os-180

293 Kelvin Cross Sections



8

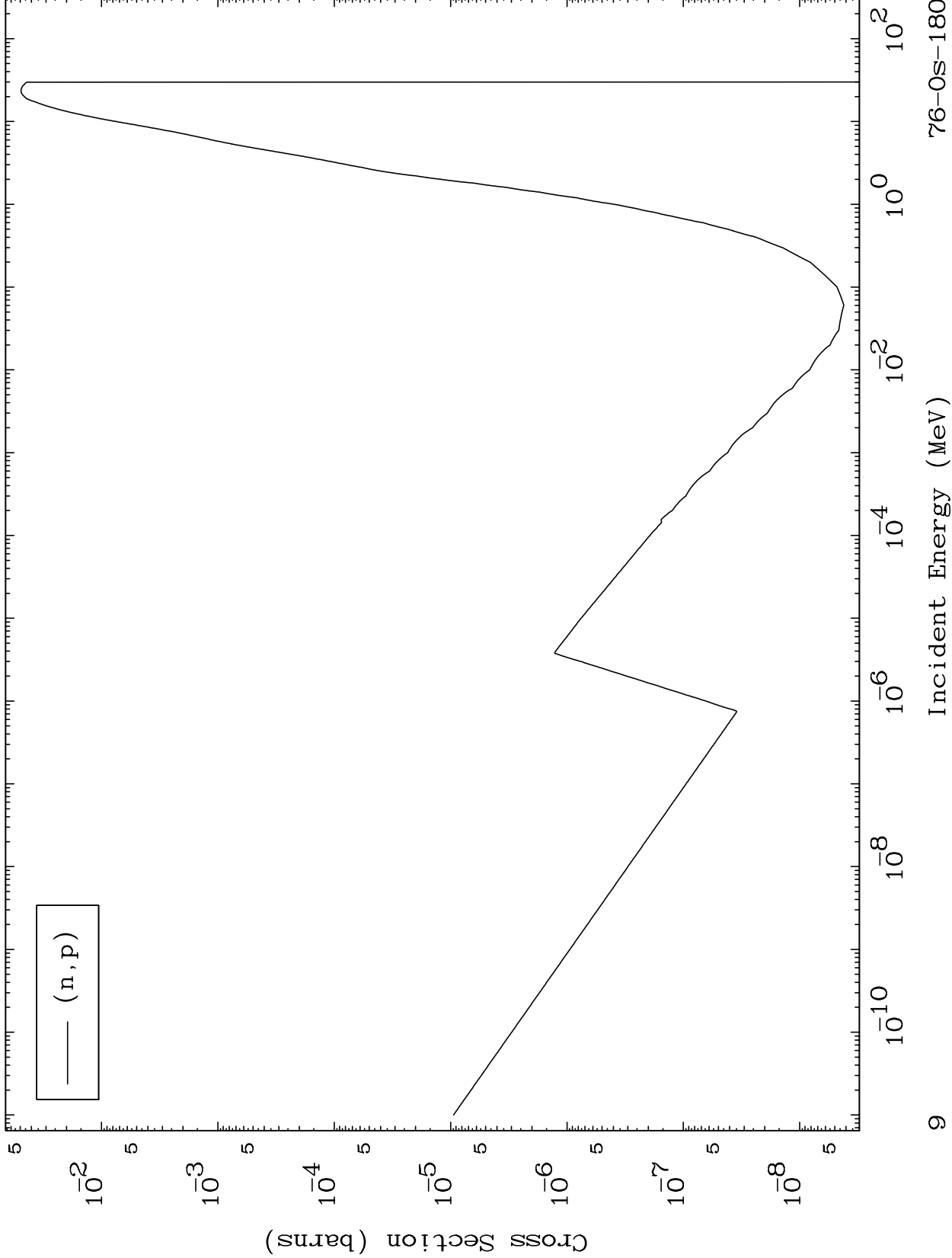
Incident Energy (MeV)

76-Os-180

MAT 7613

(n,p) Levels
293 Kelvin Cross Sections

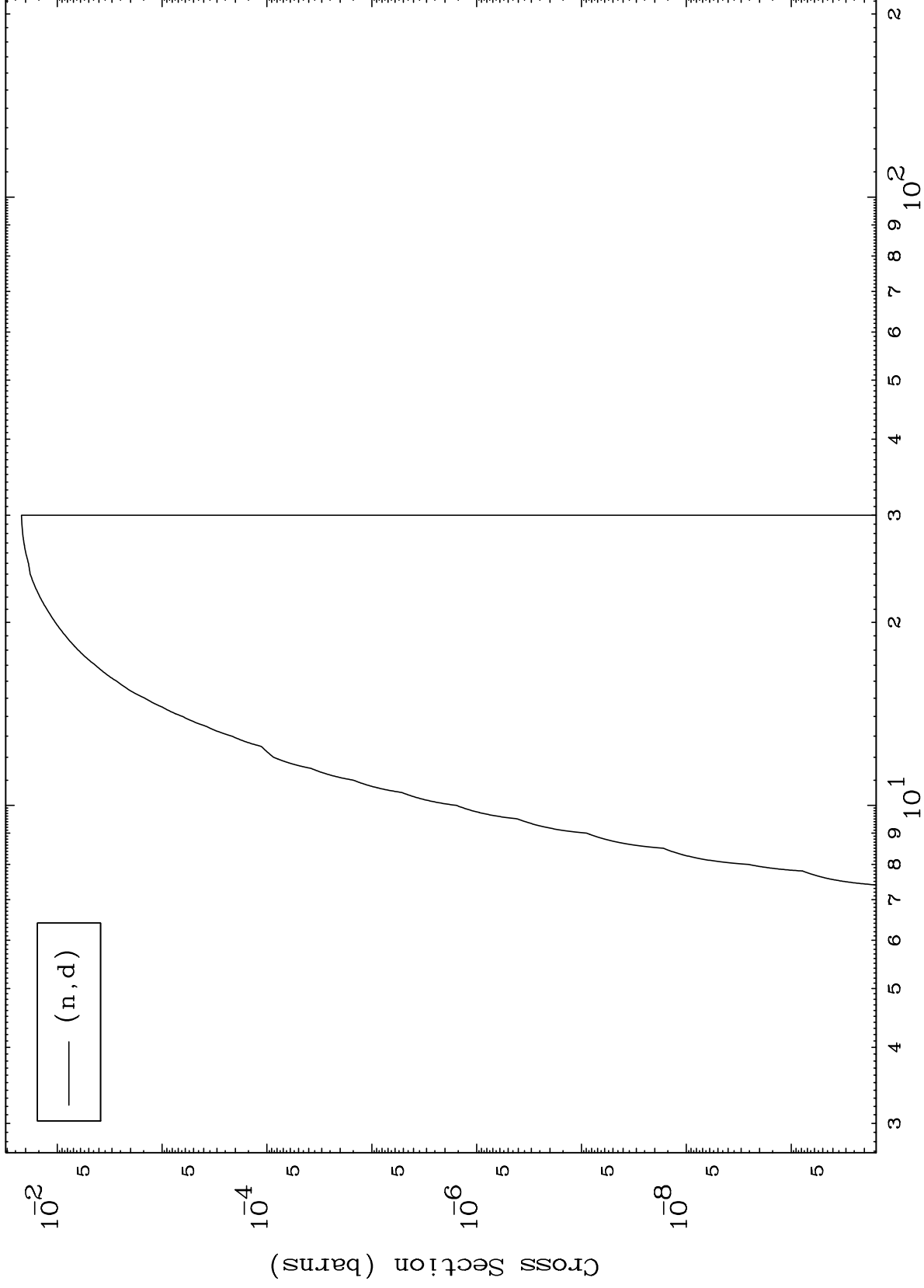
76-Os-180



MAT 7613

(n,d) Levels
293 Kelvin Cross Sections

76-Os-180



10

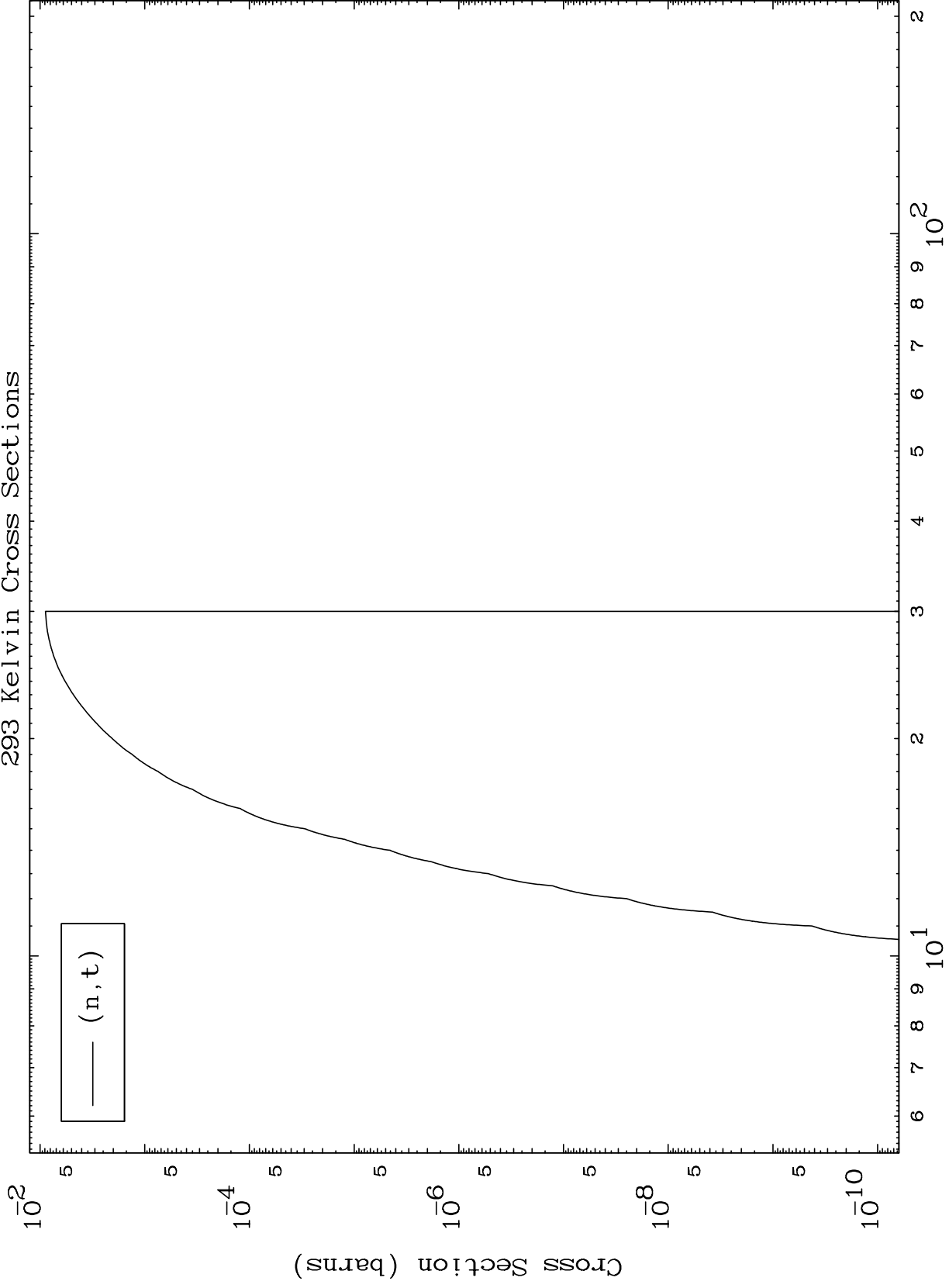
Incident Energy (MeV)

76-Os-180

MAT 7613

(n,t) Levels
293 Kelvin Cross Sections

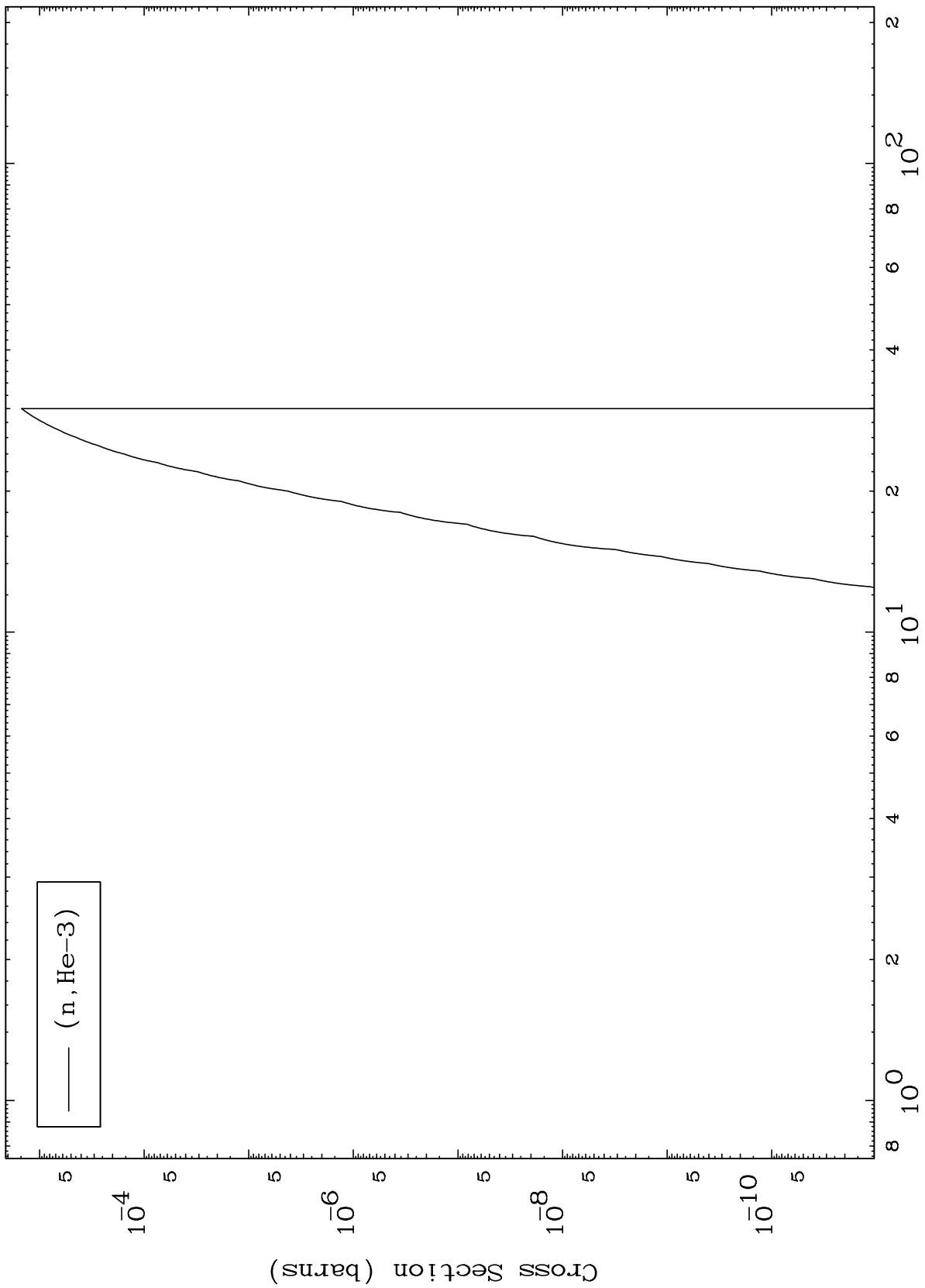
76-Os-180



MAT 7613

(n,He3) Levels
293 Kelvin Cross Sections

76-Os-180



12

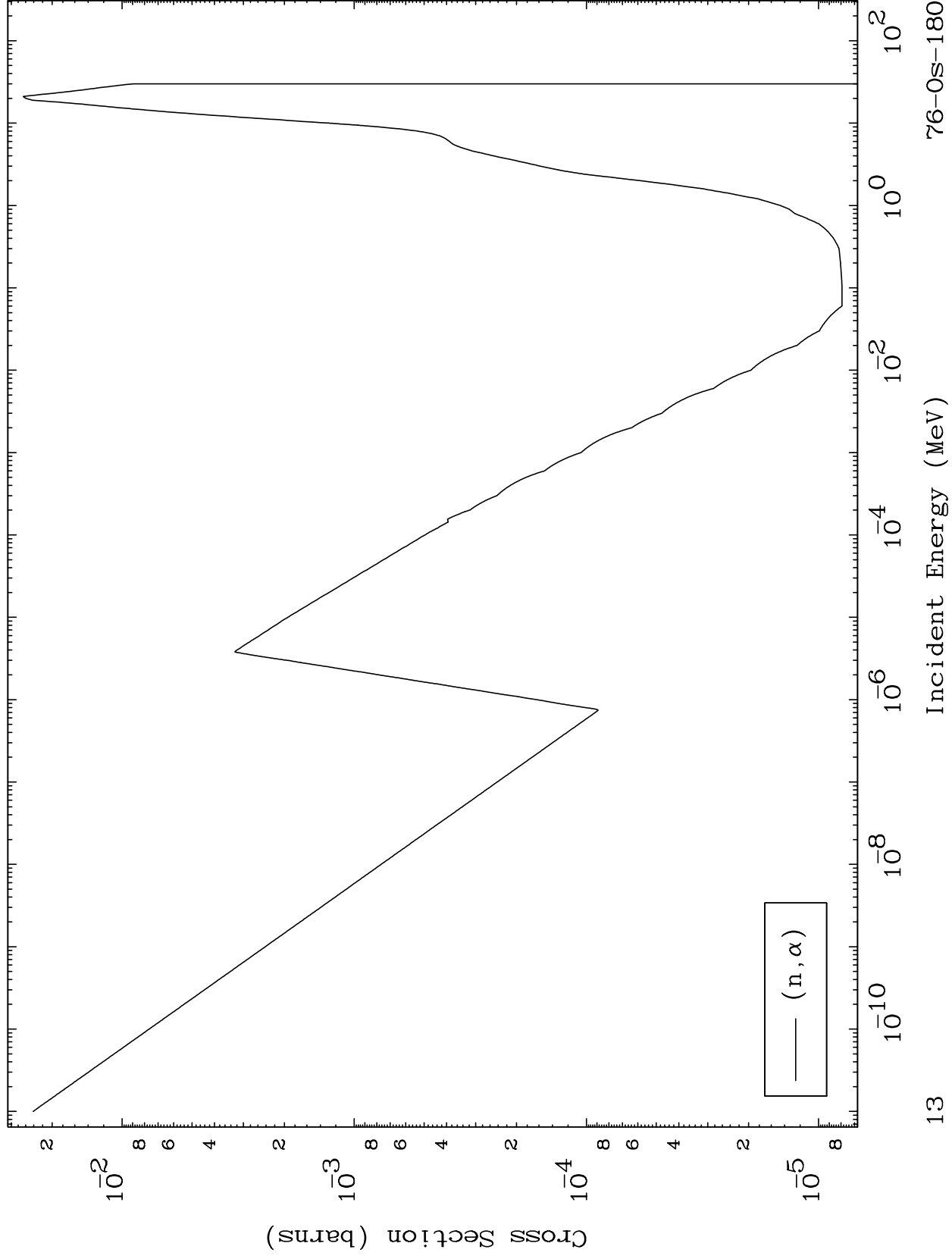
Incident Energy (MeV)

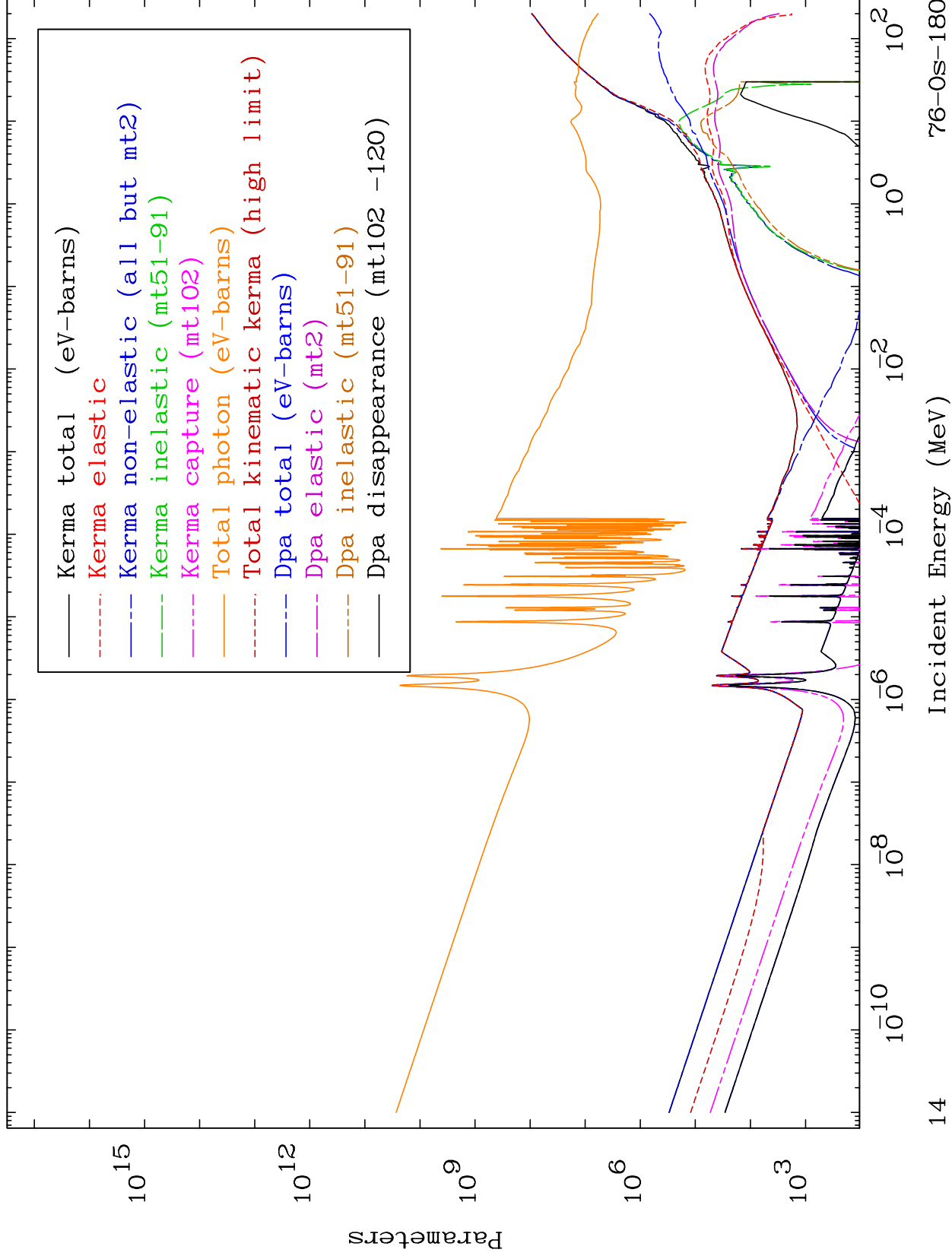
76-Os-180

MAT 7613

(n,α) Levels
293 Kelvin Cross Sections

76-Os-180

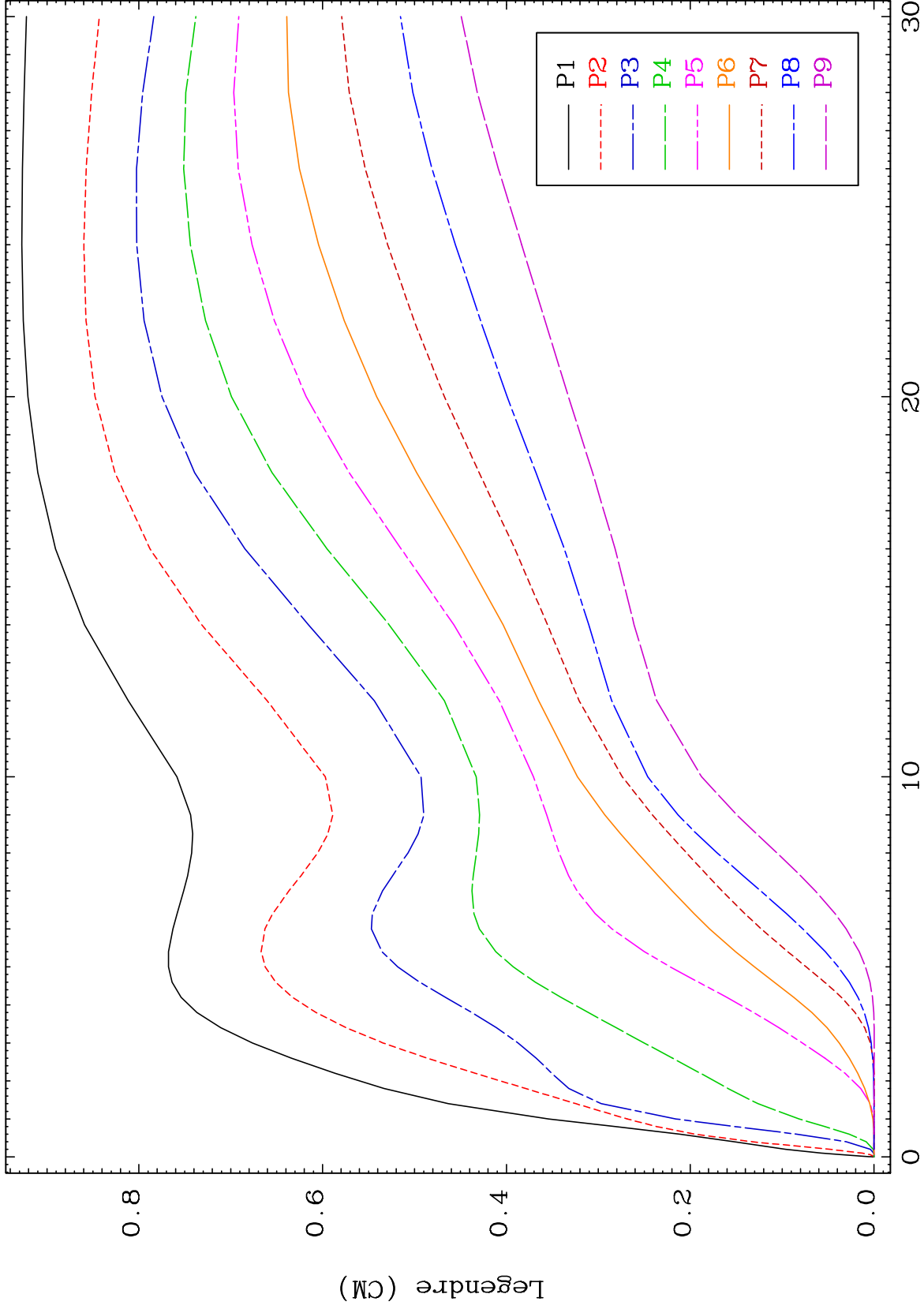




MAT 7613

Elastic Legendre Coefficients

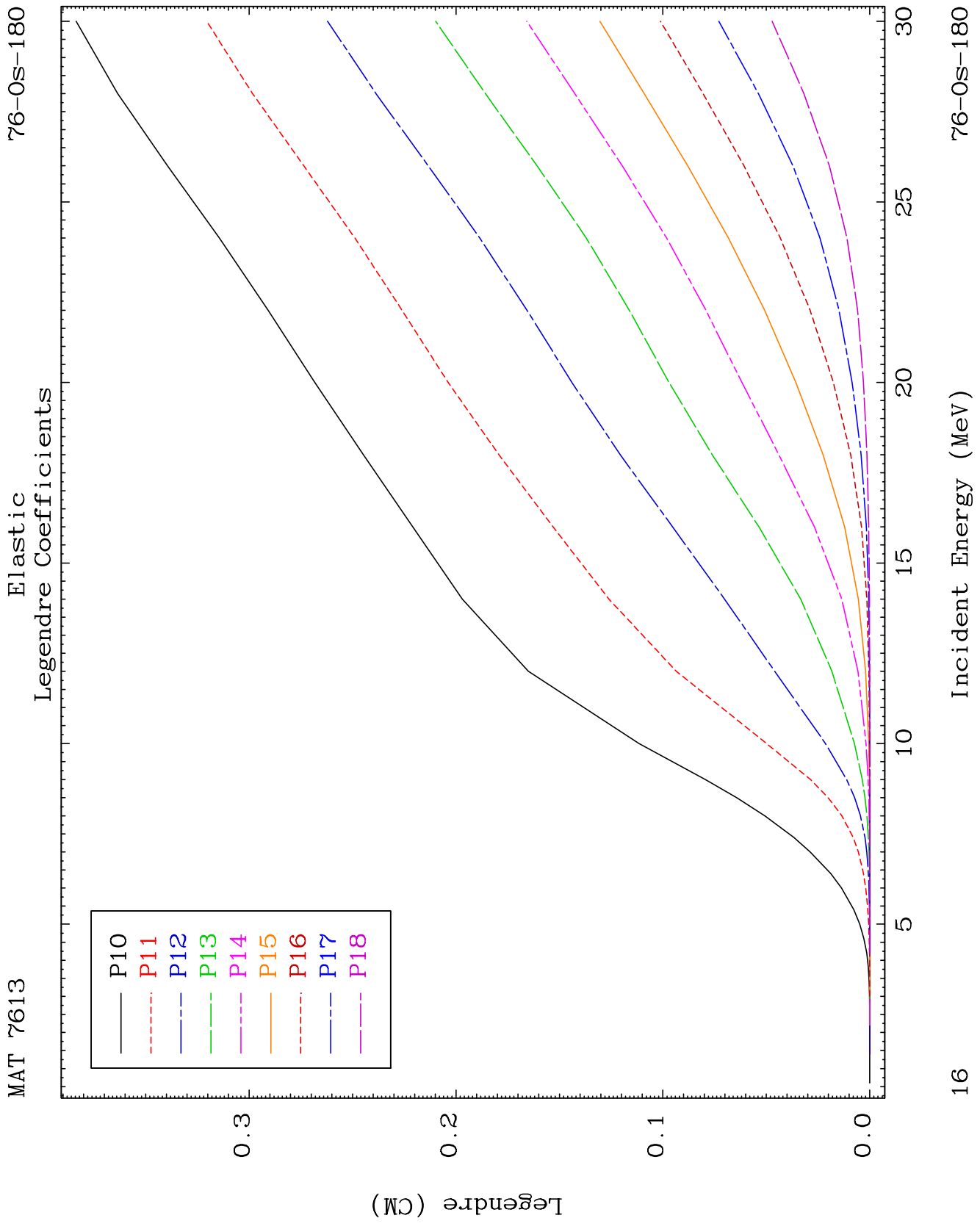
76-Os-180



0

Incident Energy (MeV)

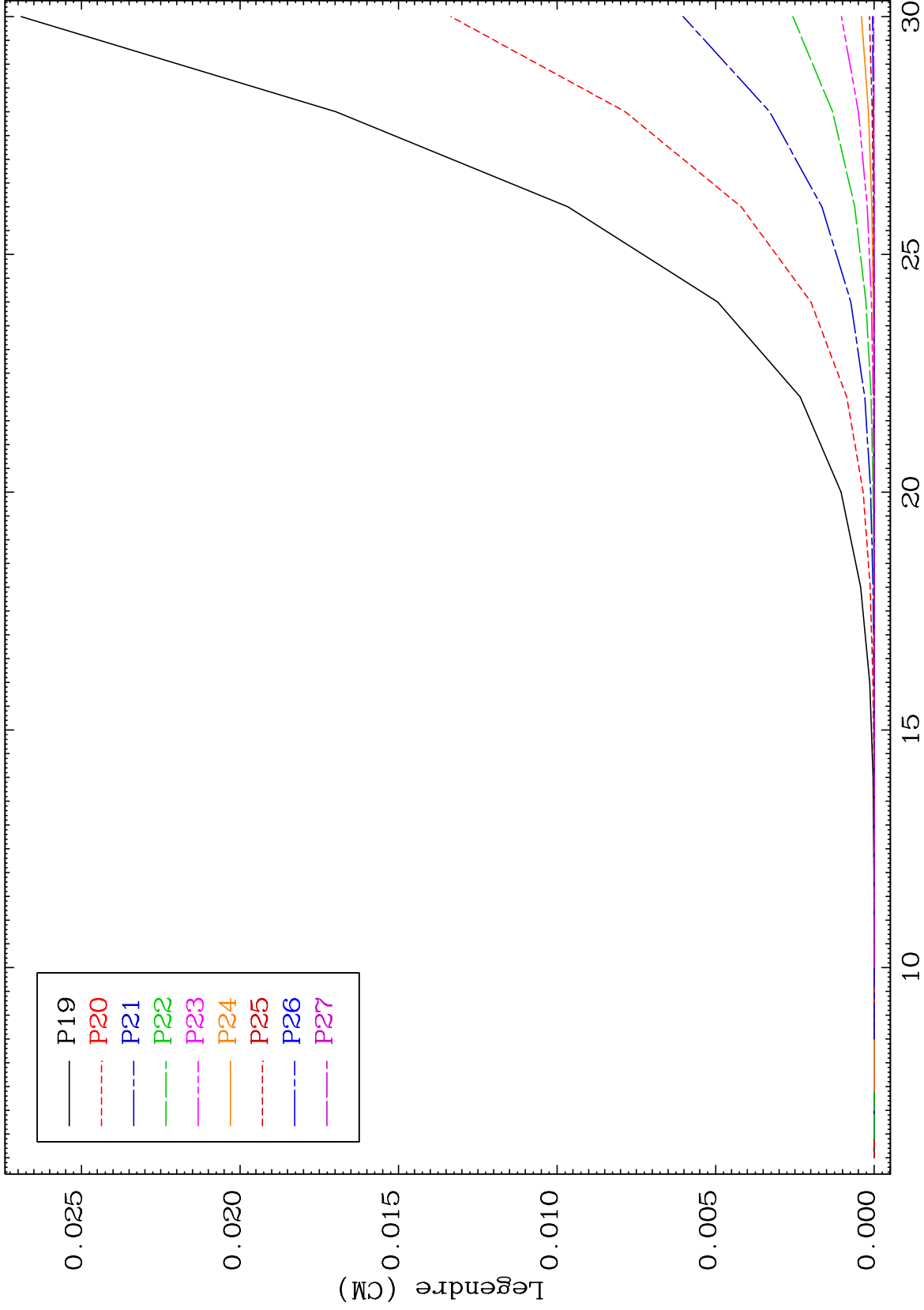
76-Os-180



MAT 7613

Elastic Legendre Coefficients

76-Os-180



17

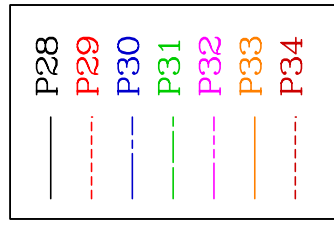
Incident Energy (MeV)

76-Os-180

MAT 7613

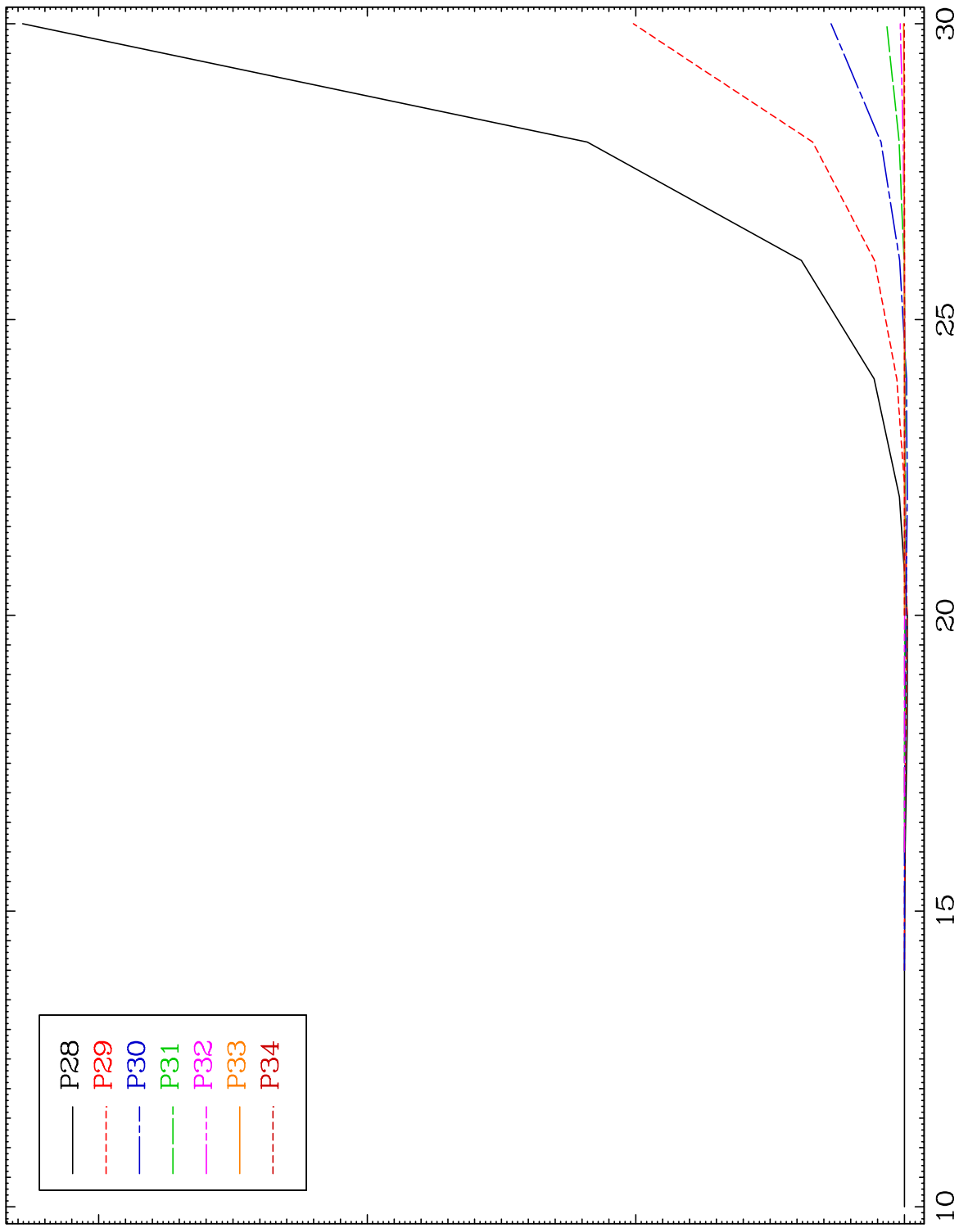
Elastic
Legendre Coefficients

76-Os-180



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

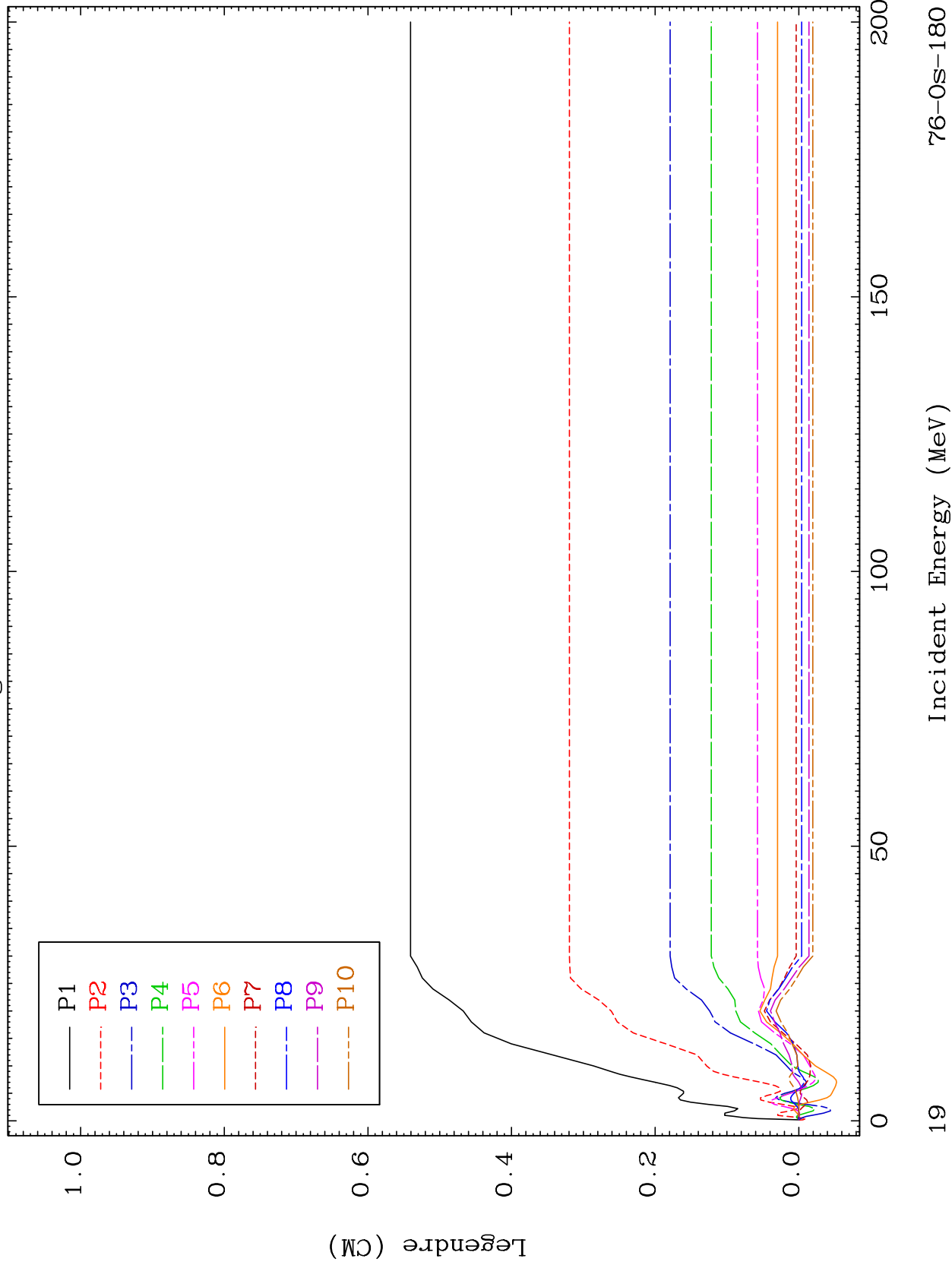
Incident Energy (MeV)

76-Os-180

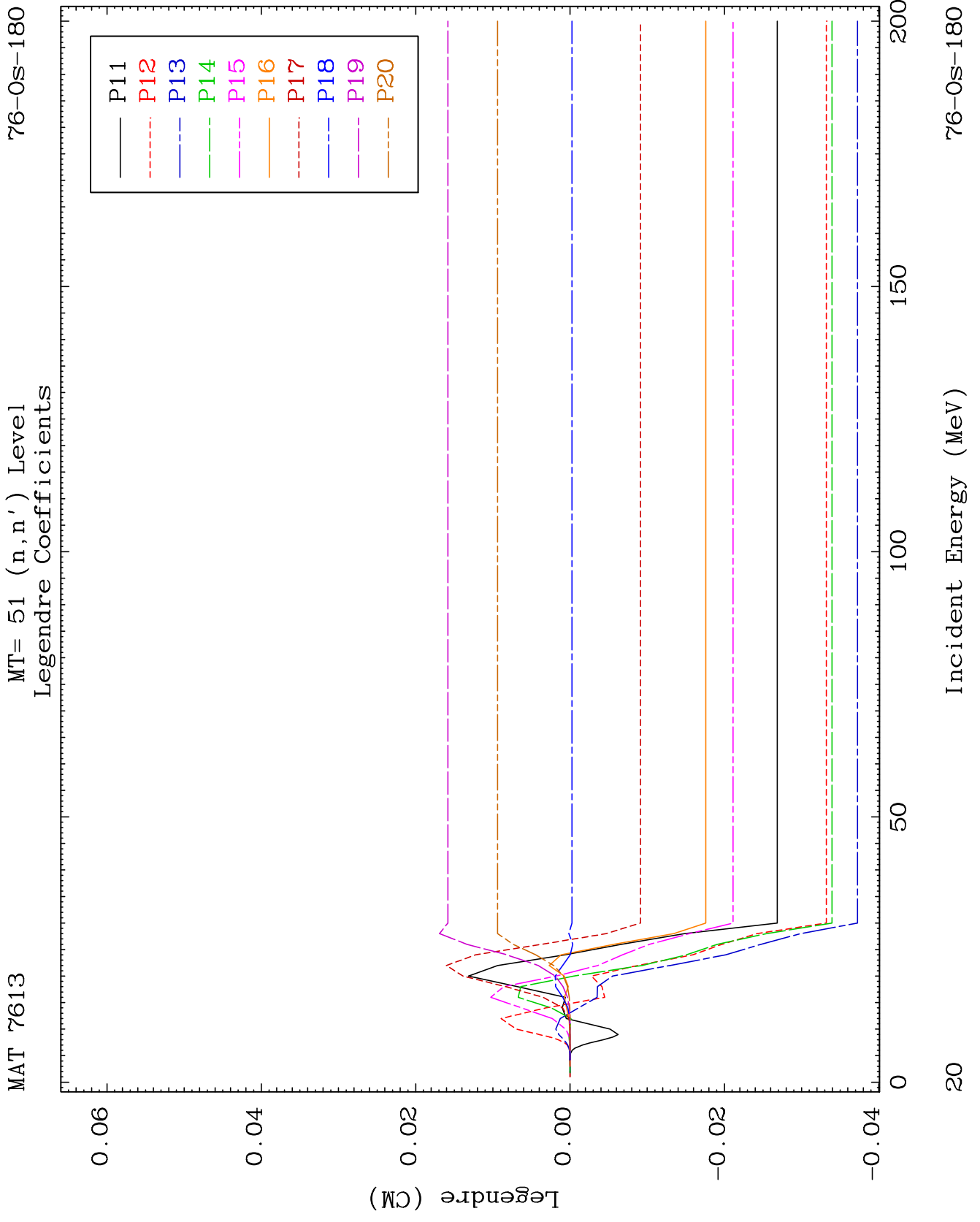
MAT 7613

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

76-Os-180



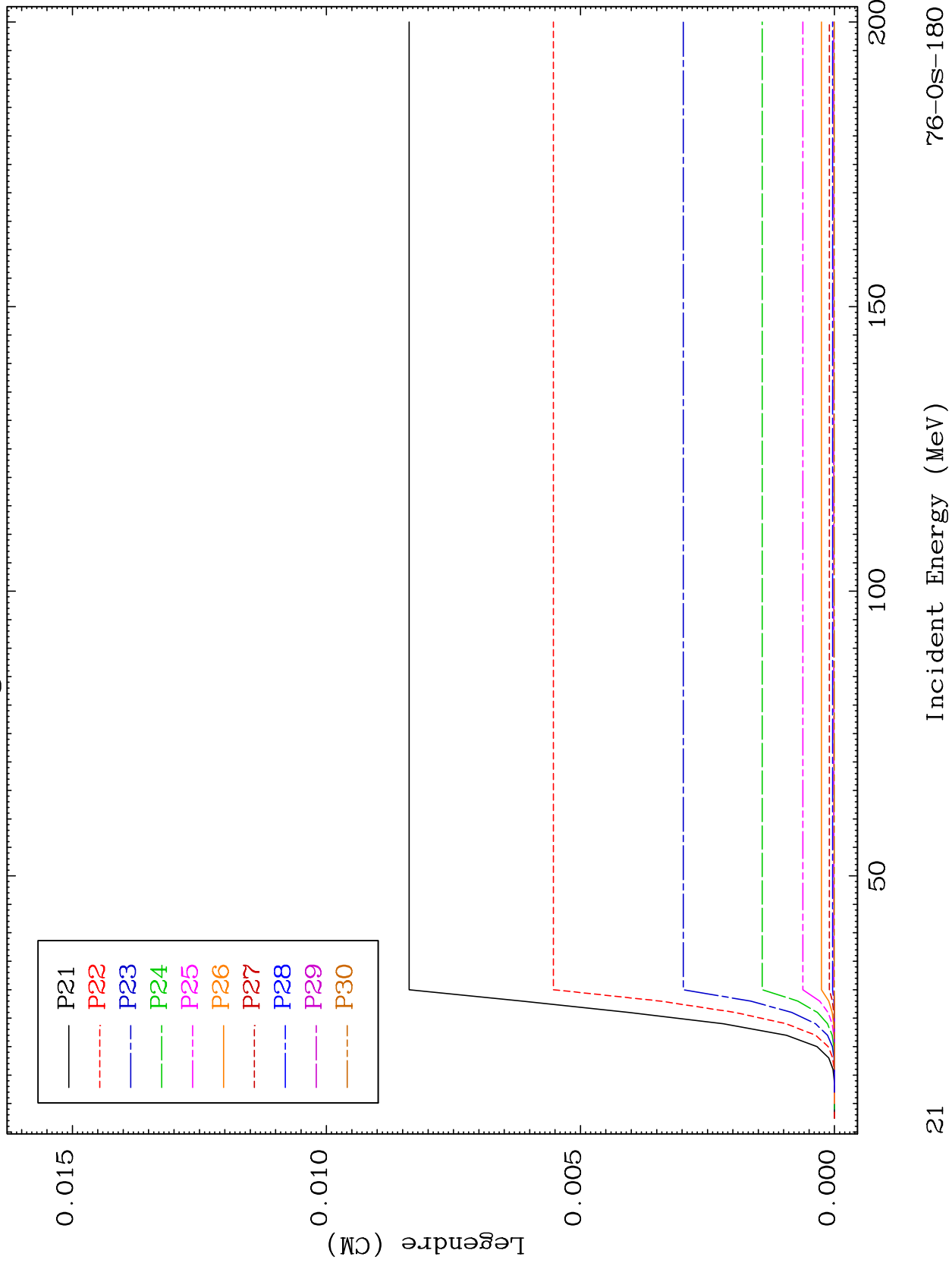
19



MAT 7613

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

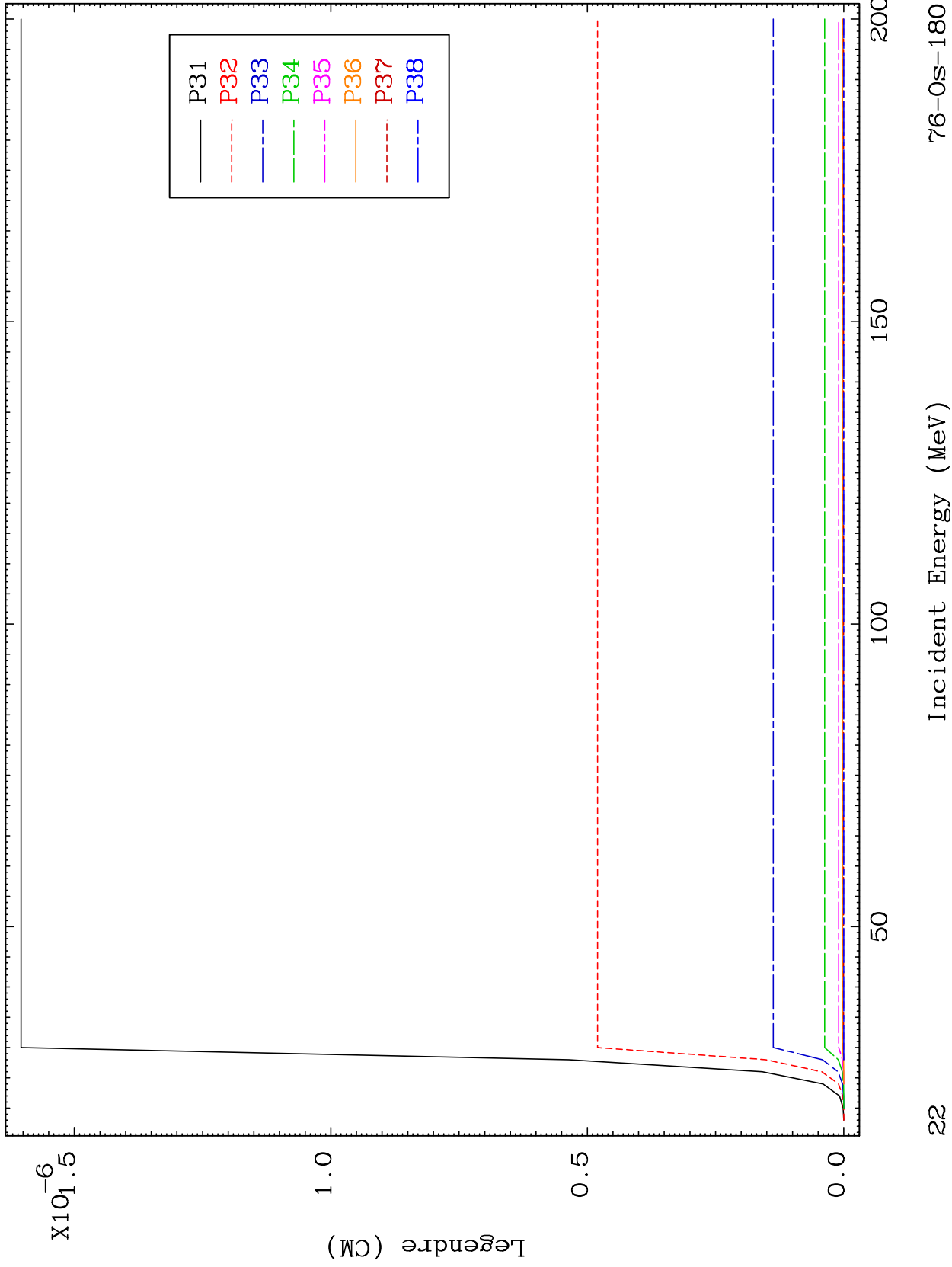
76-Os-180



MAT 7613

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

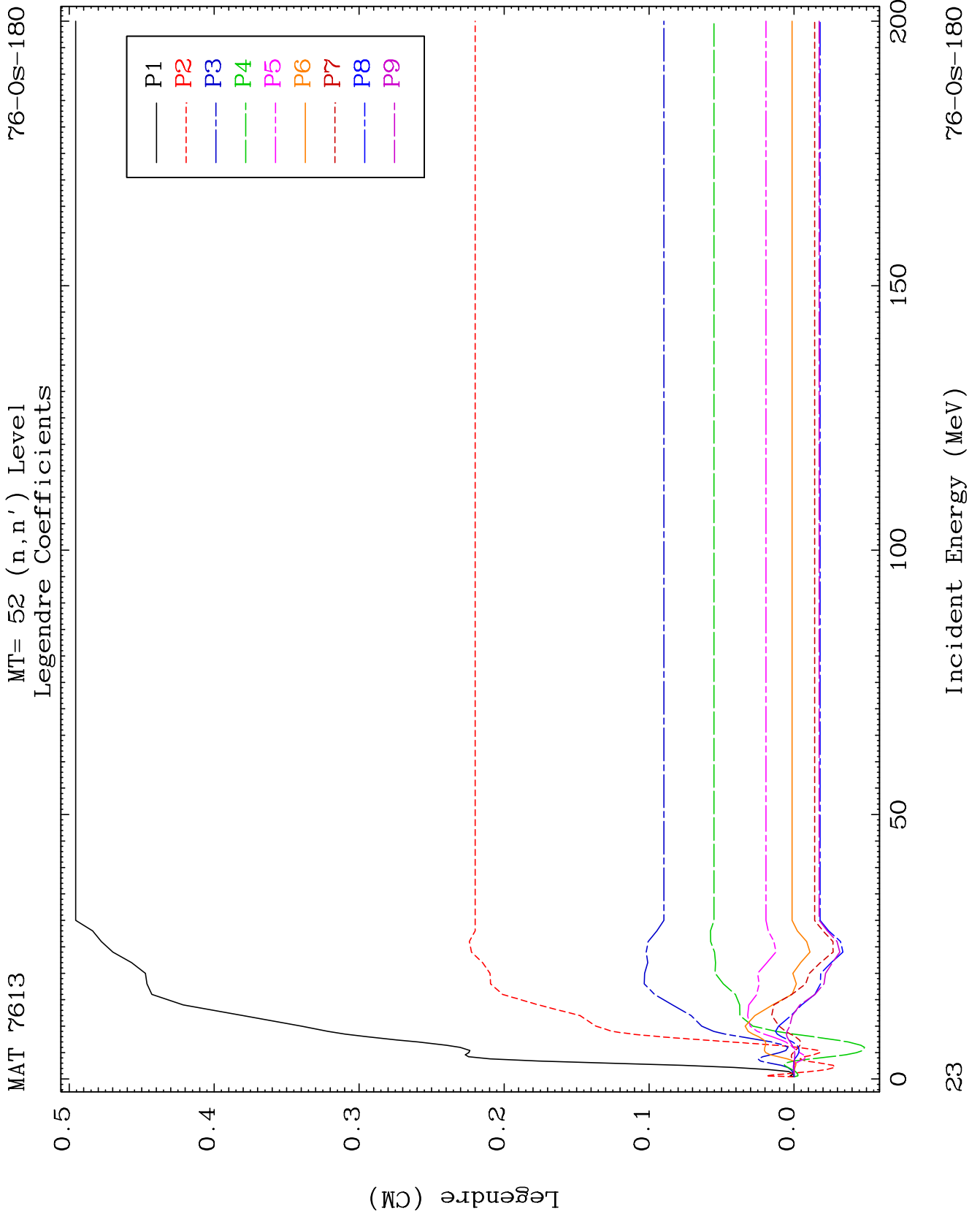
76-Os-180



22

Incident Energy (MeV)

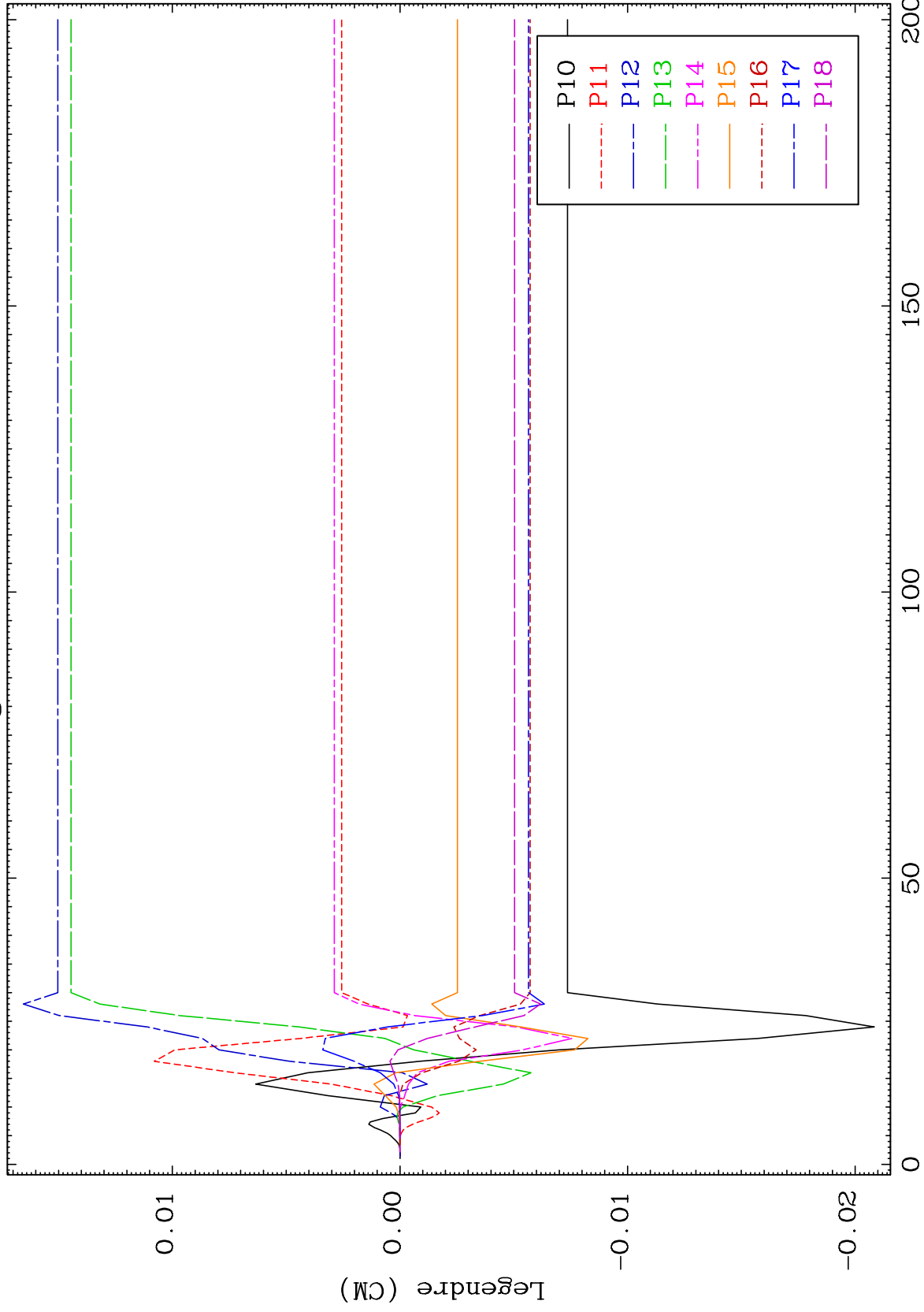
76-Os-180



MAT 7613

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

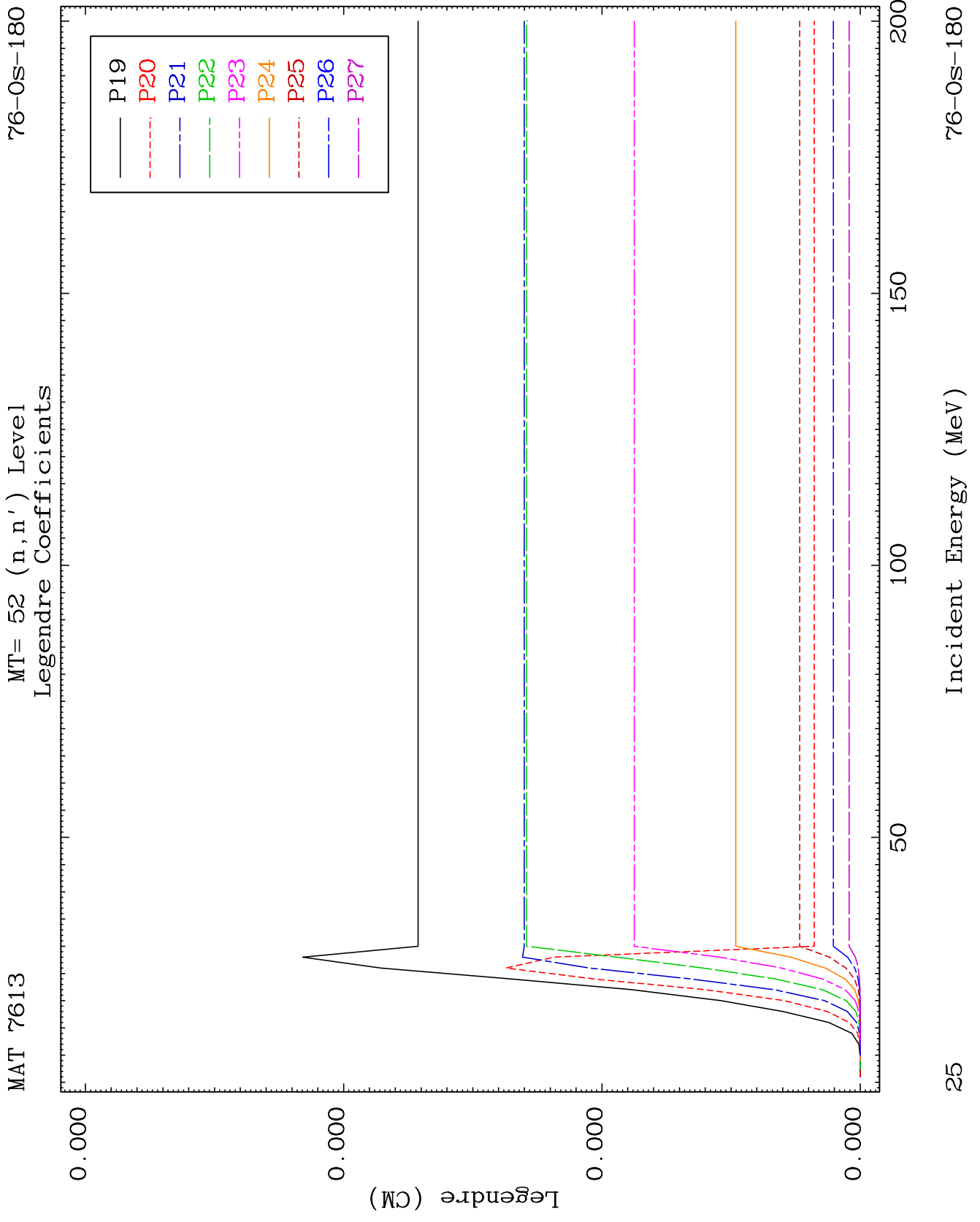
76-Os-180



24

Incident Energy (MeV)

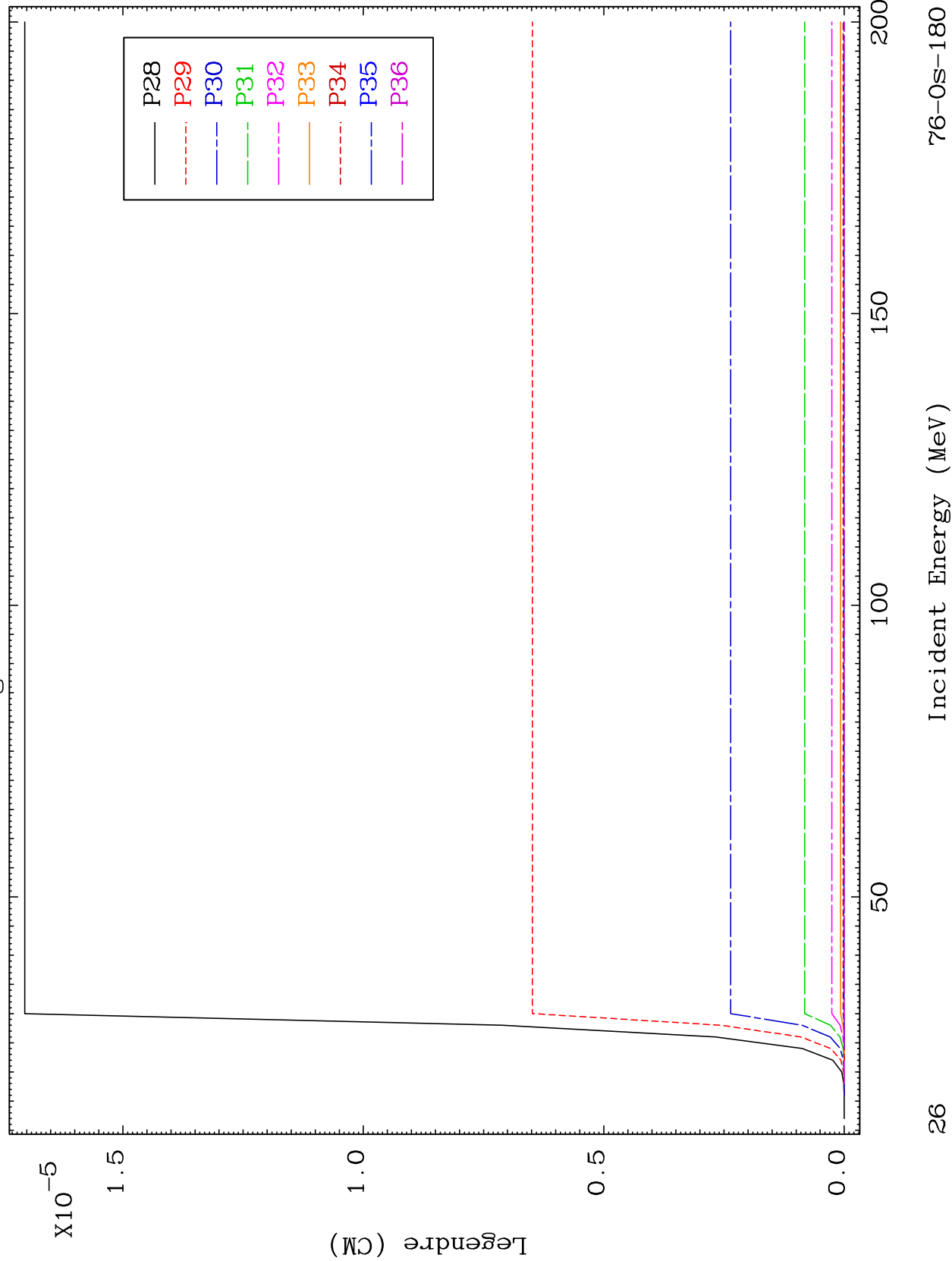
76-Os-180



MAT 7613

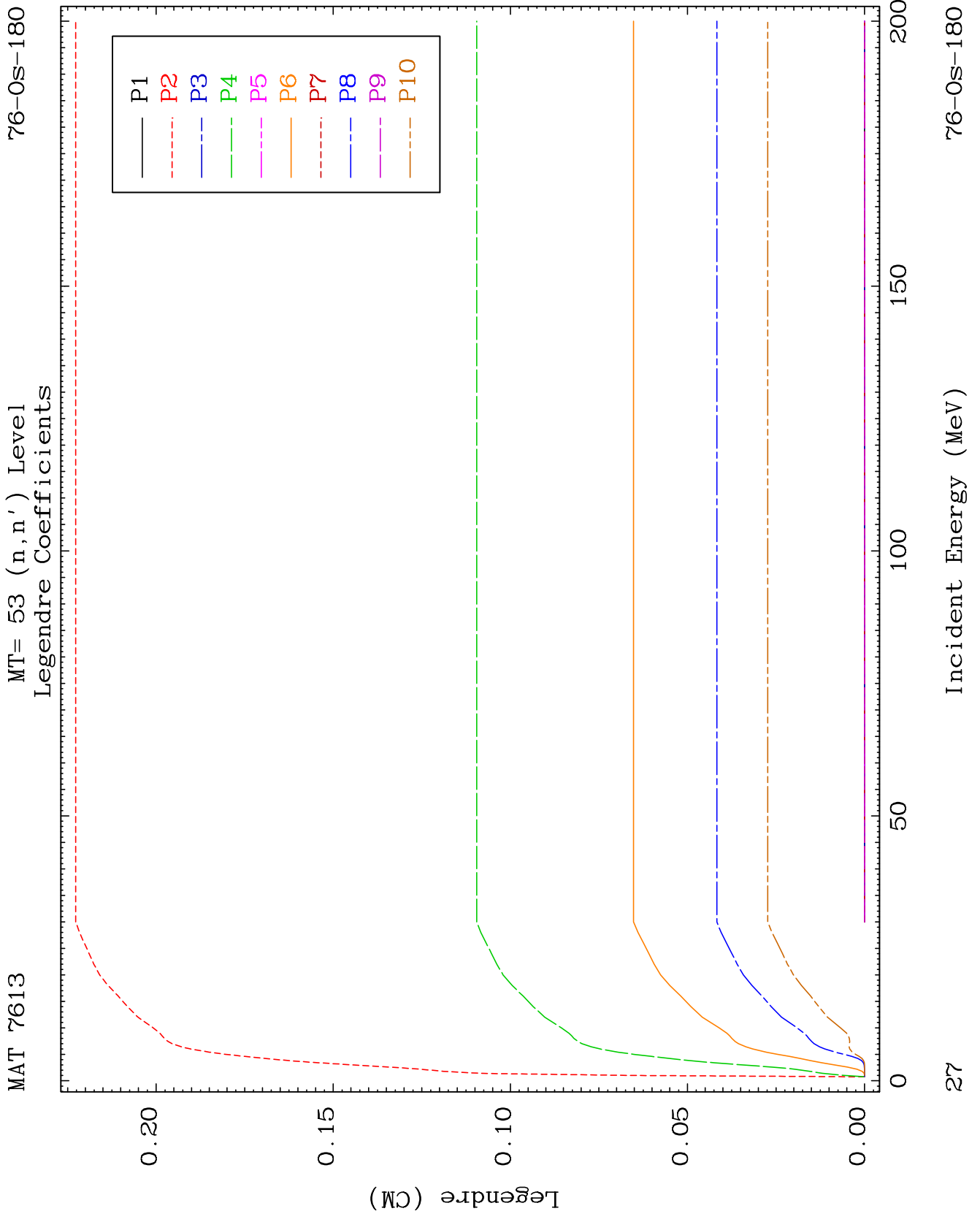
MT= 52 (n,n') Level
Legendre Coefficients

76-Os-180



26

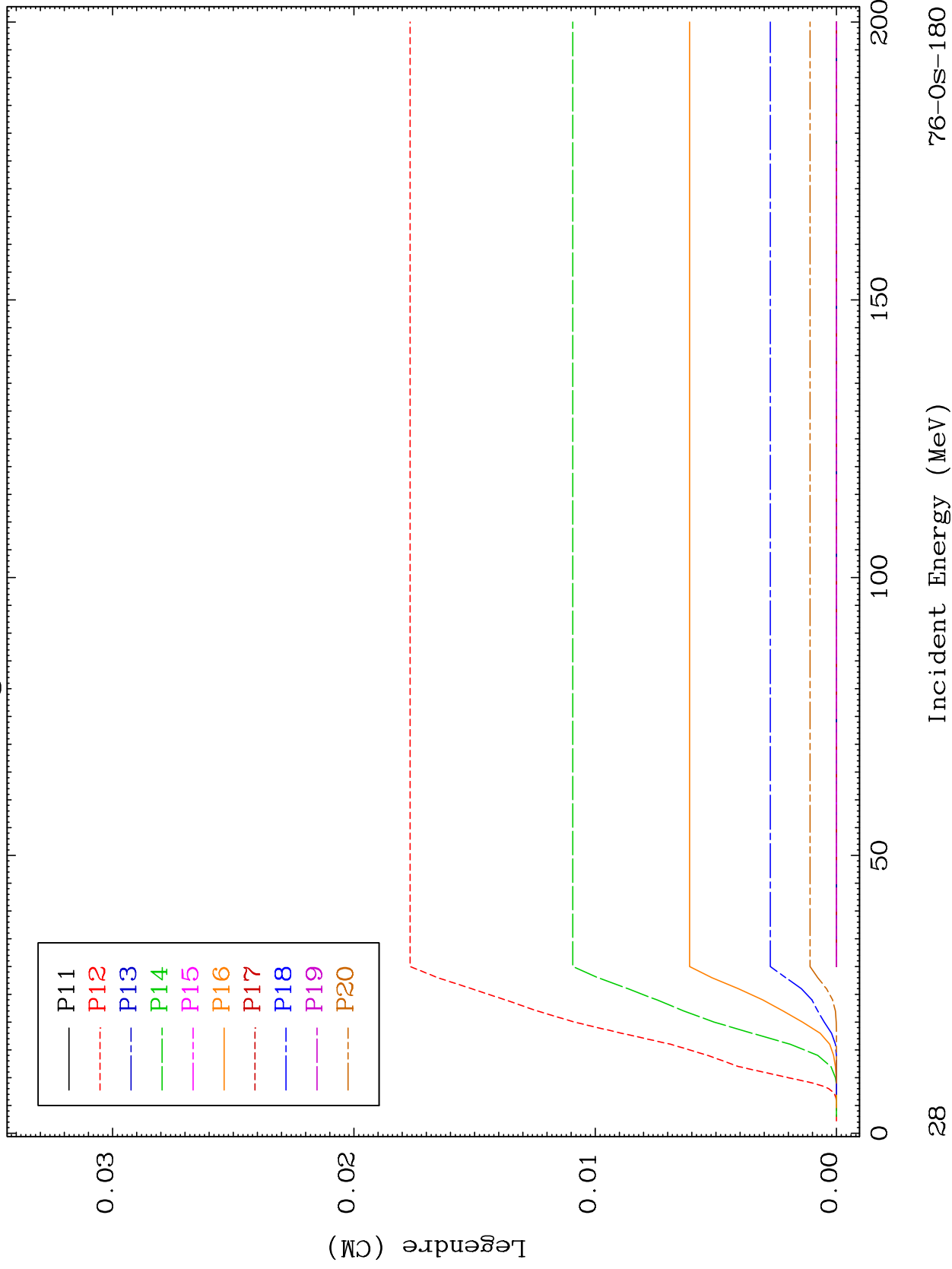
76-Os-180



MAT 7613

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

76-Os-180



28

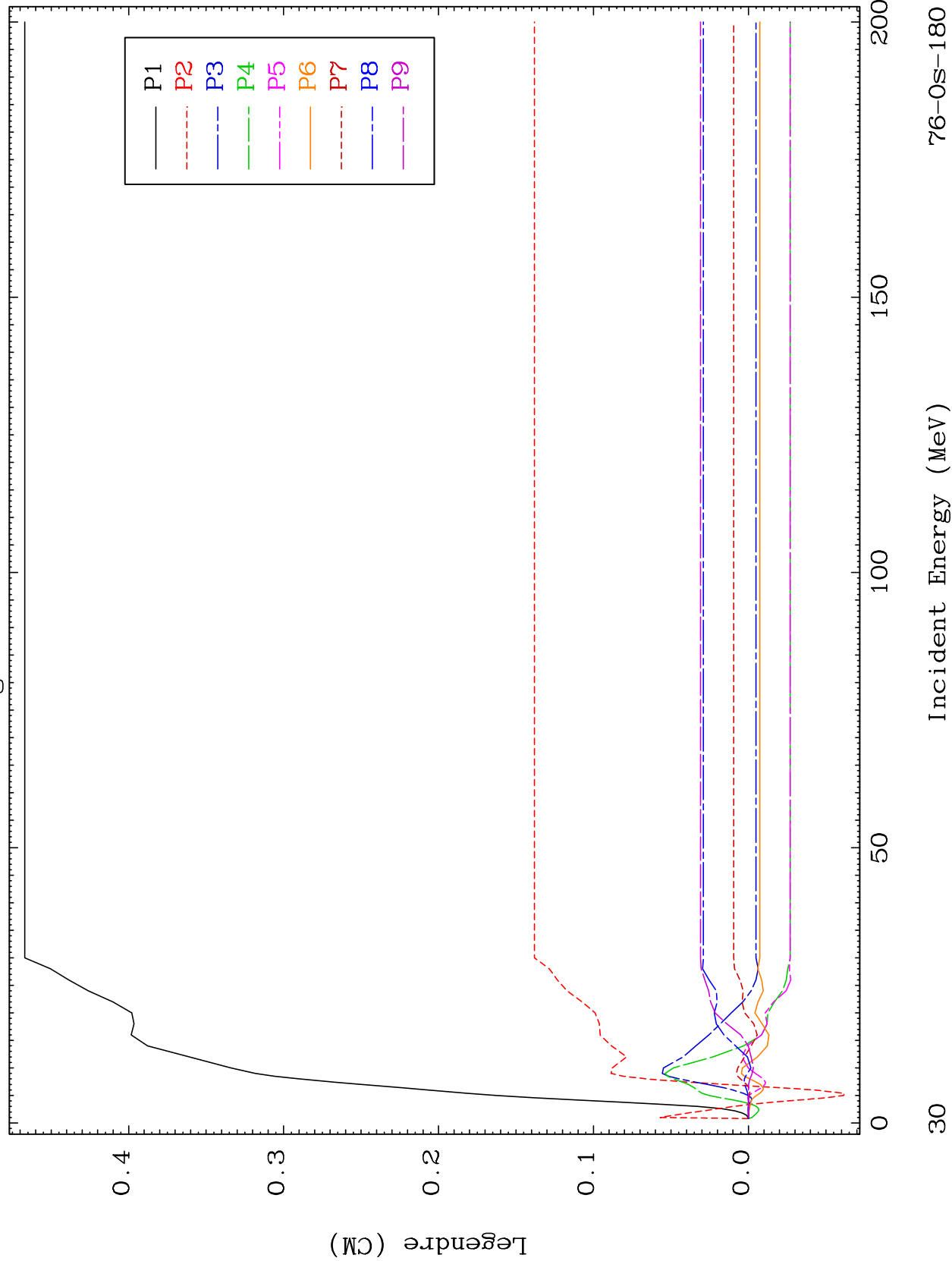
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



76-Os-180

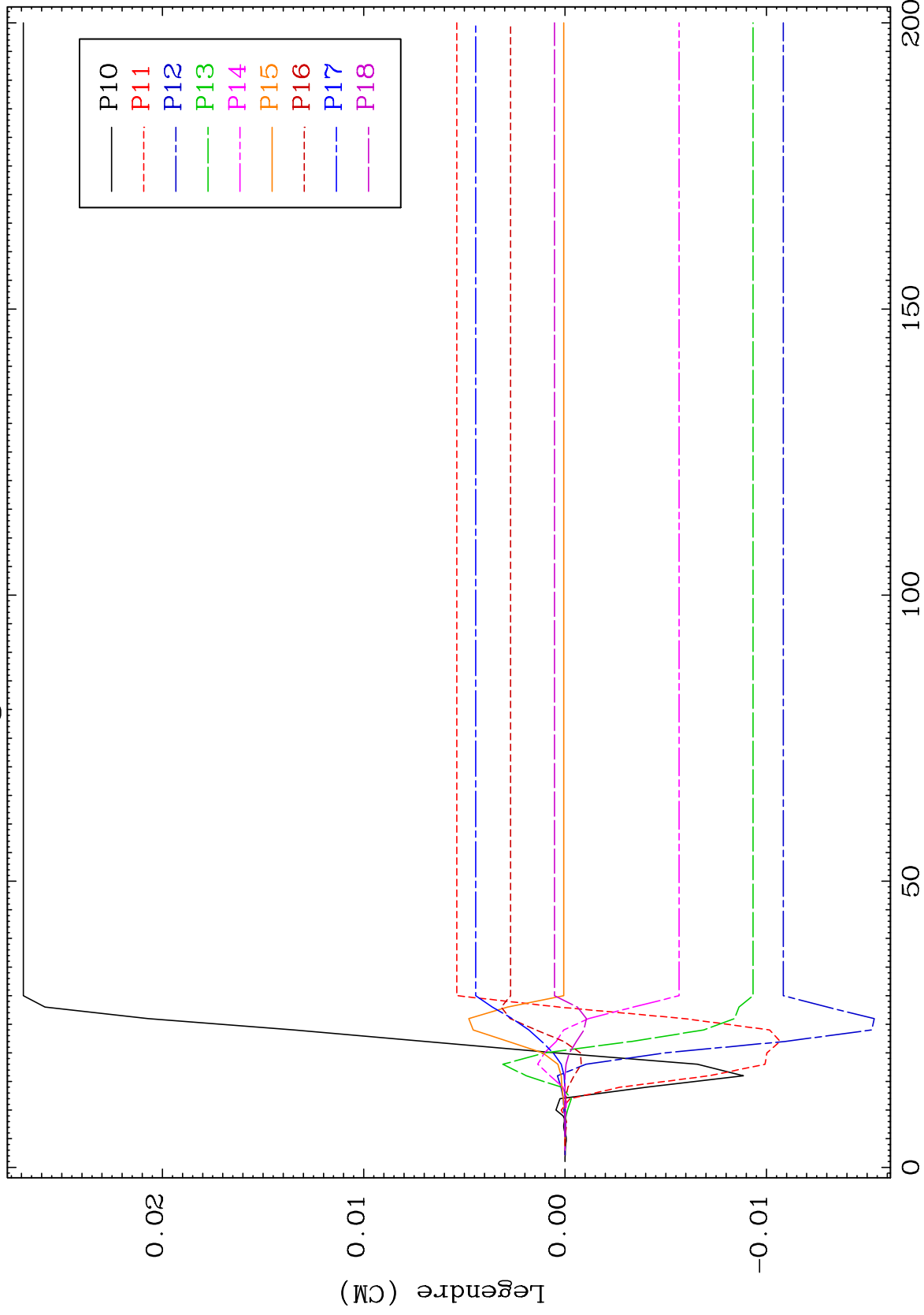
Incident Energy (MeV)

30

MAT 7613

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

76-Os-180



31

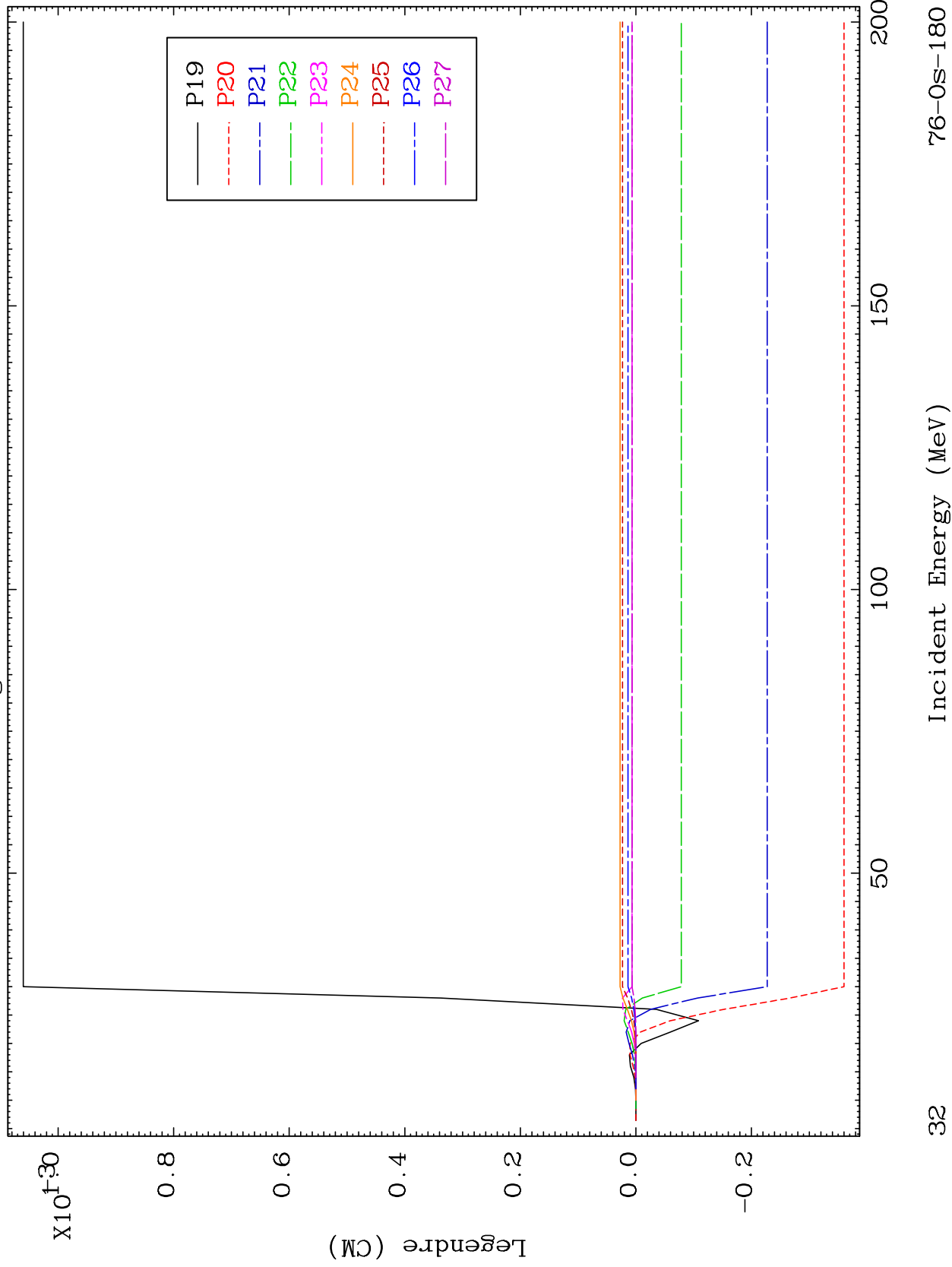
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



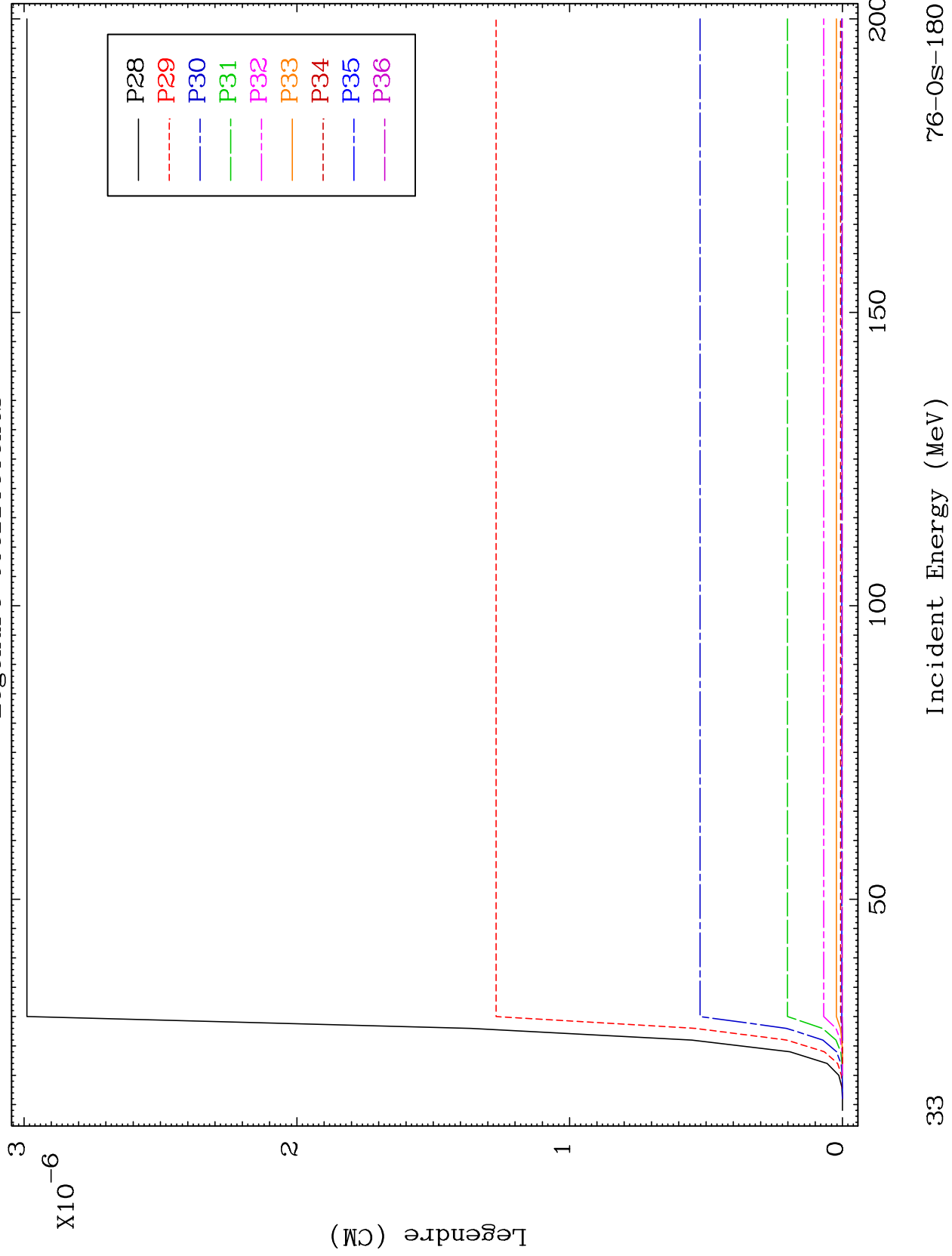
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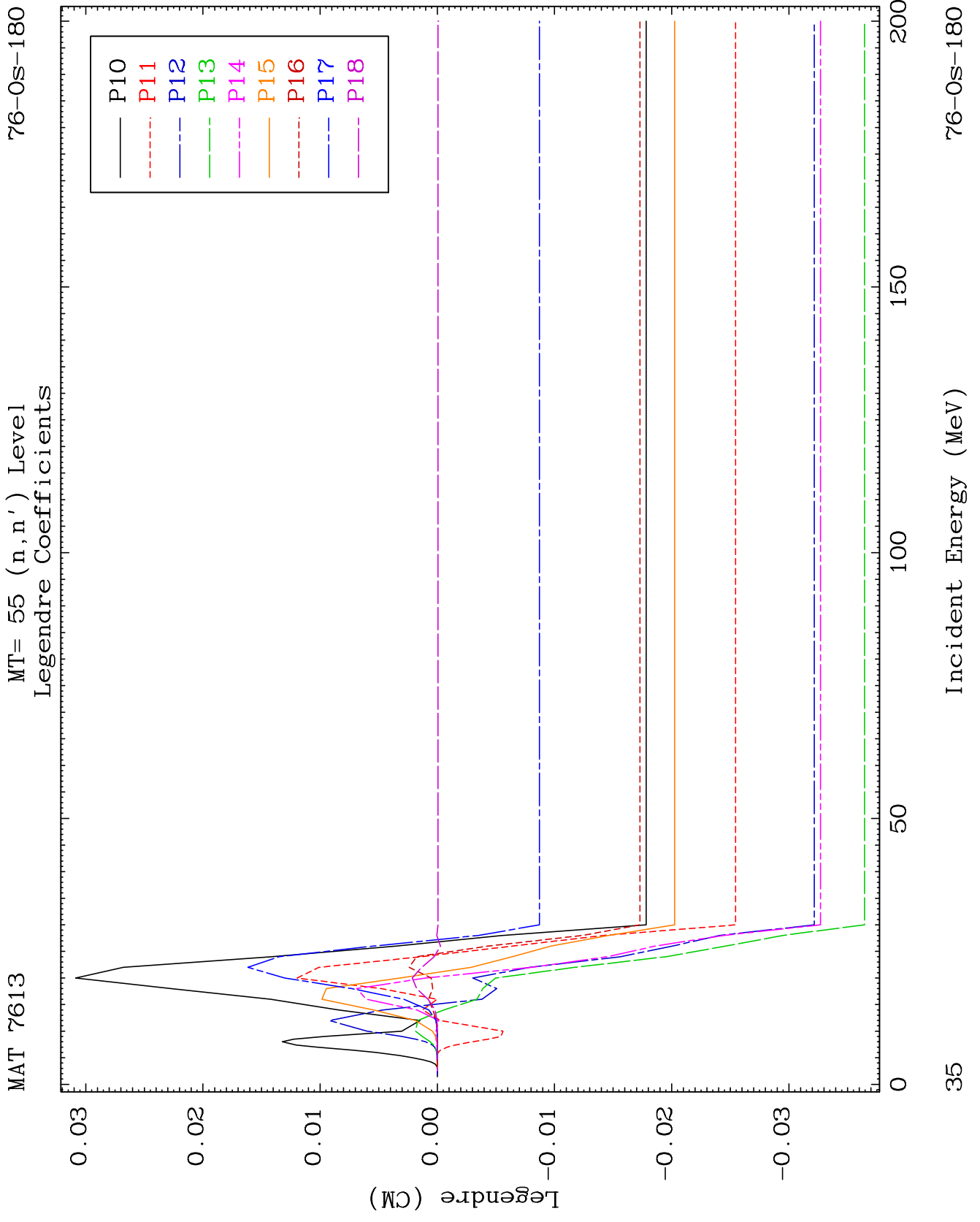
76-Os-180

MAT 7613

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

76-Os-180

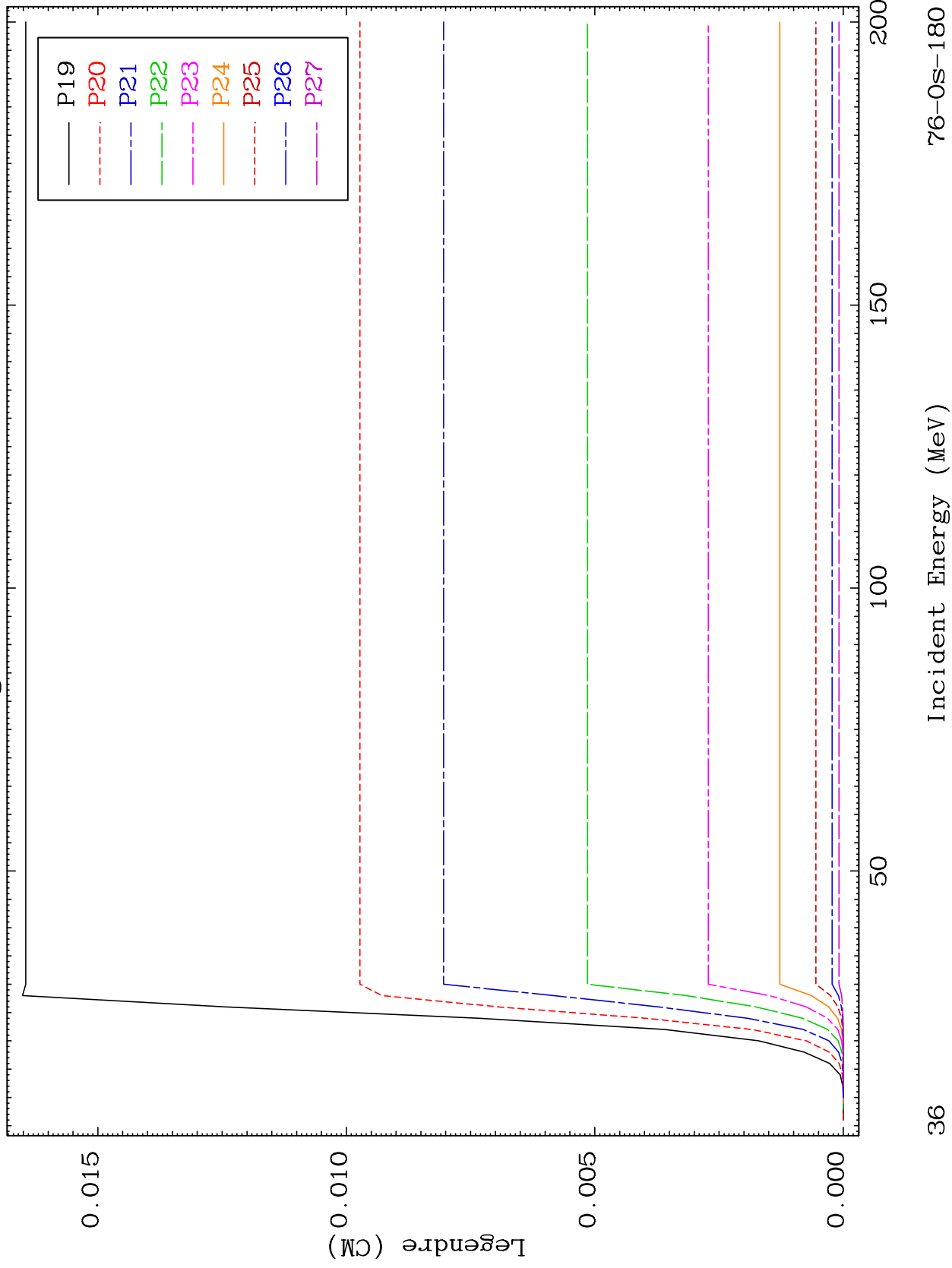




MAT 7613

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

76-Os-180



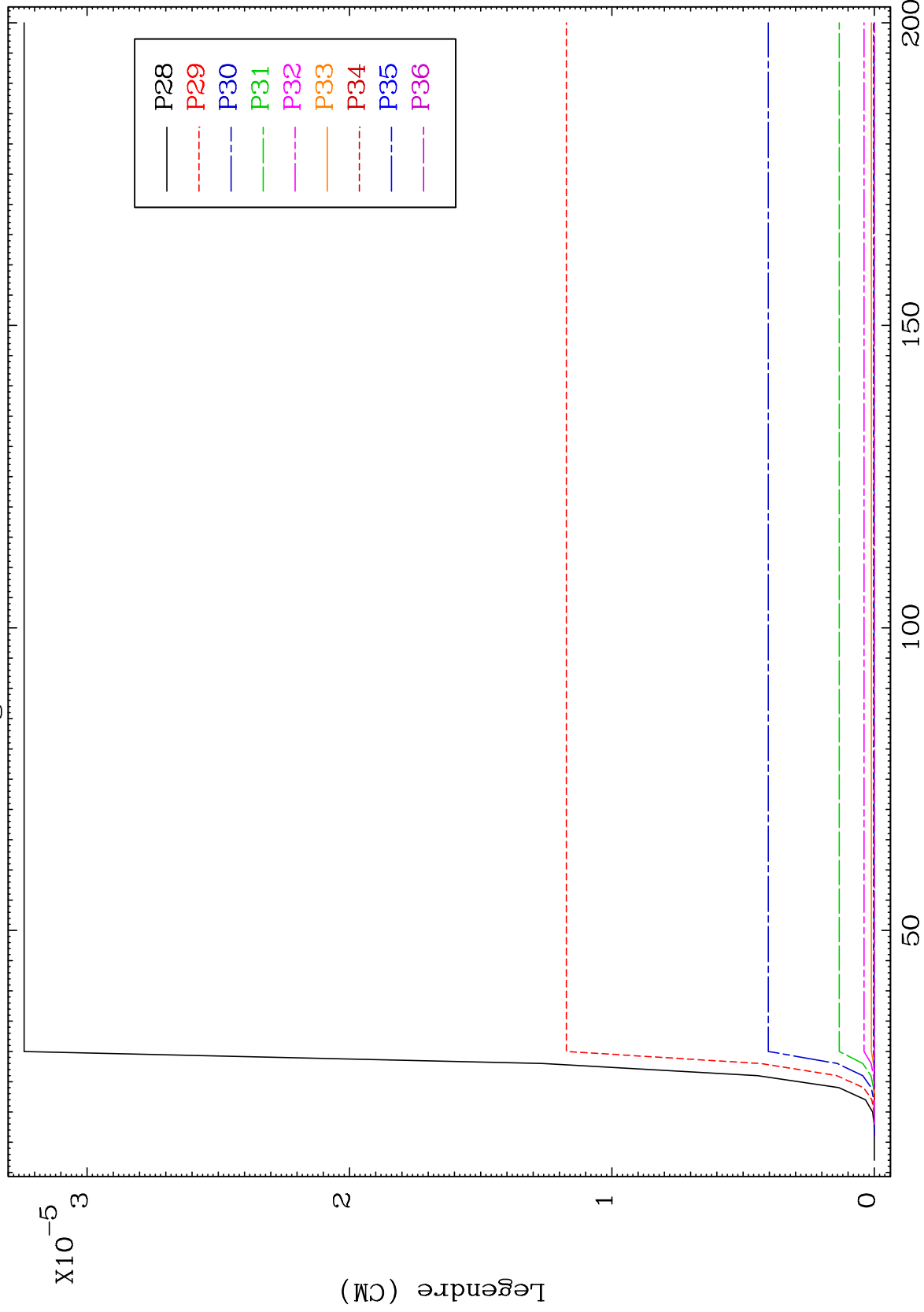
36

76-Os-180

MAT 7613

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

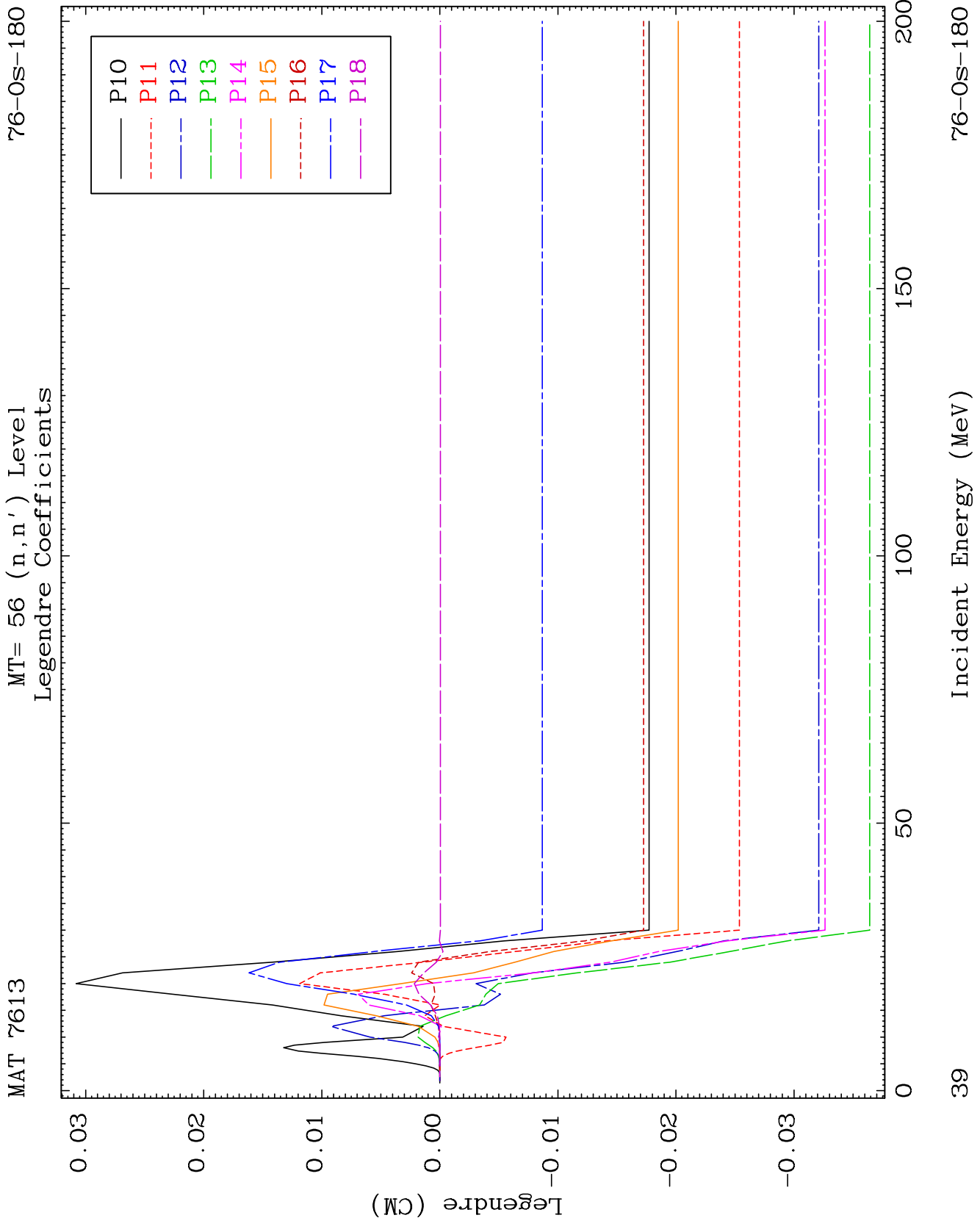
76-Os-180

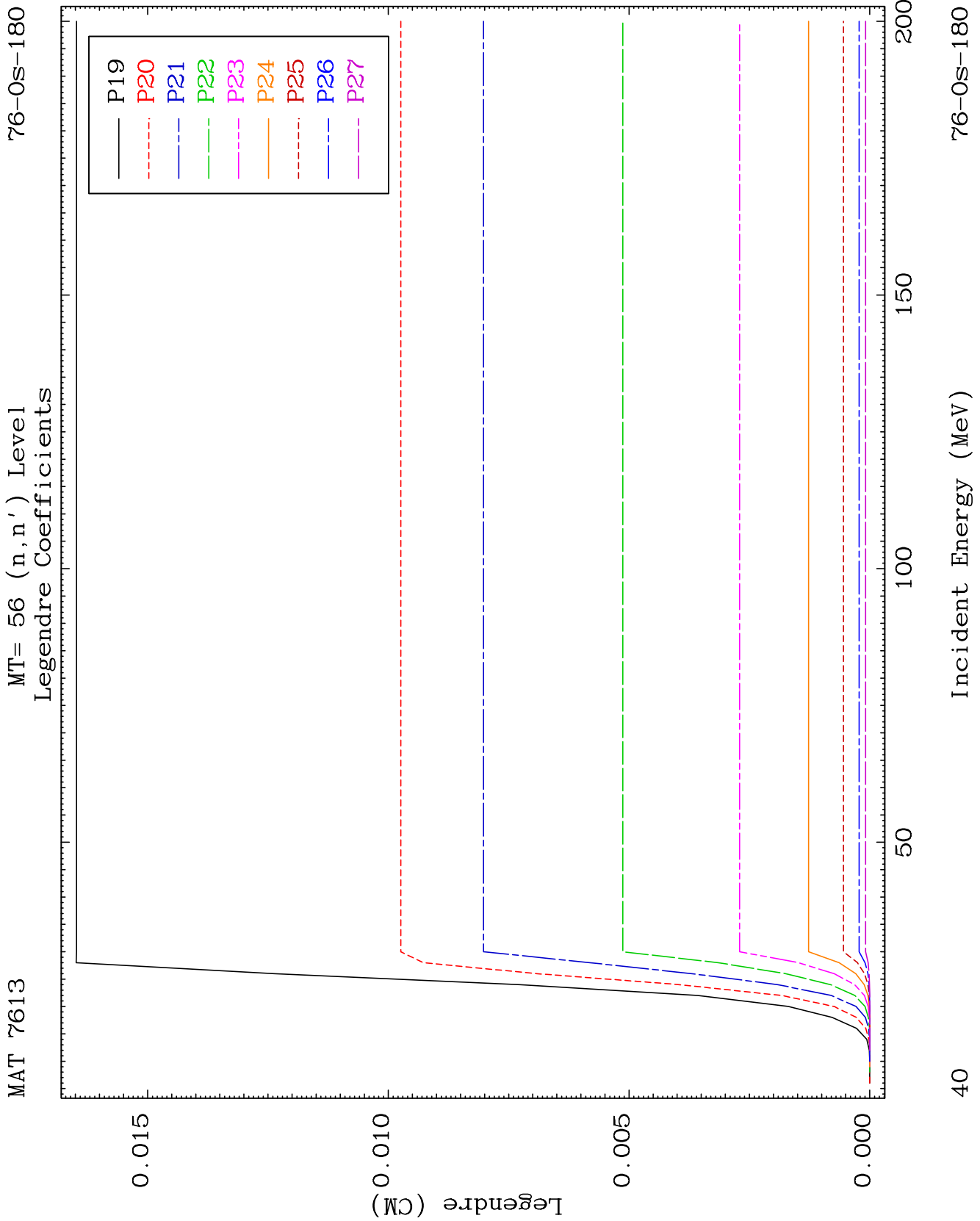


37

Incident Energy (MeV)

76-Os-180

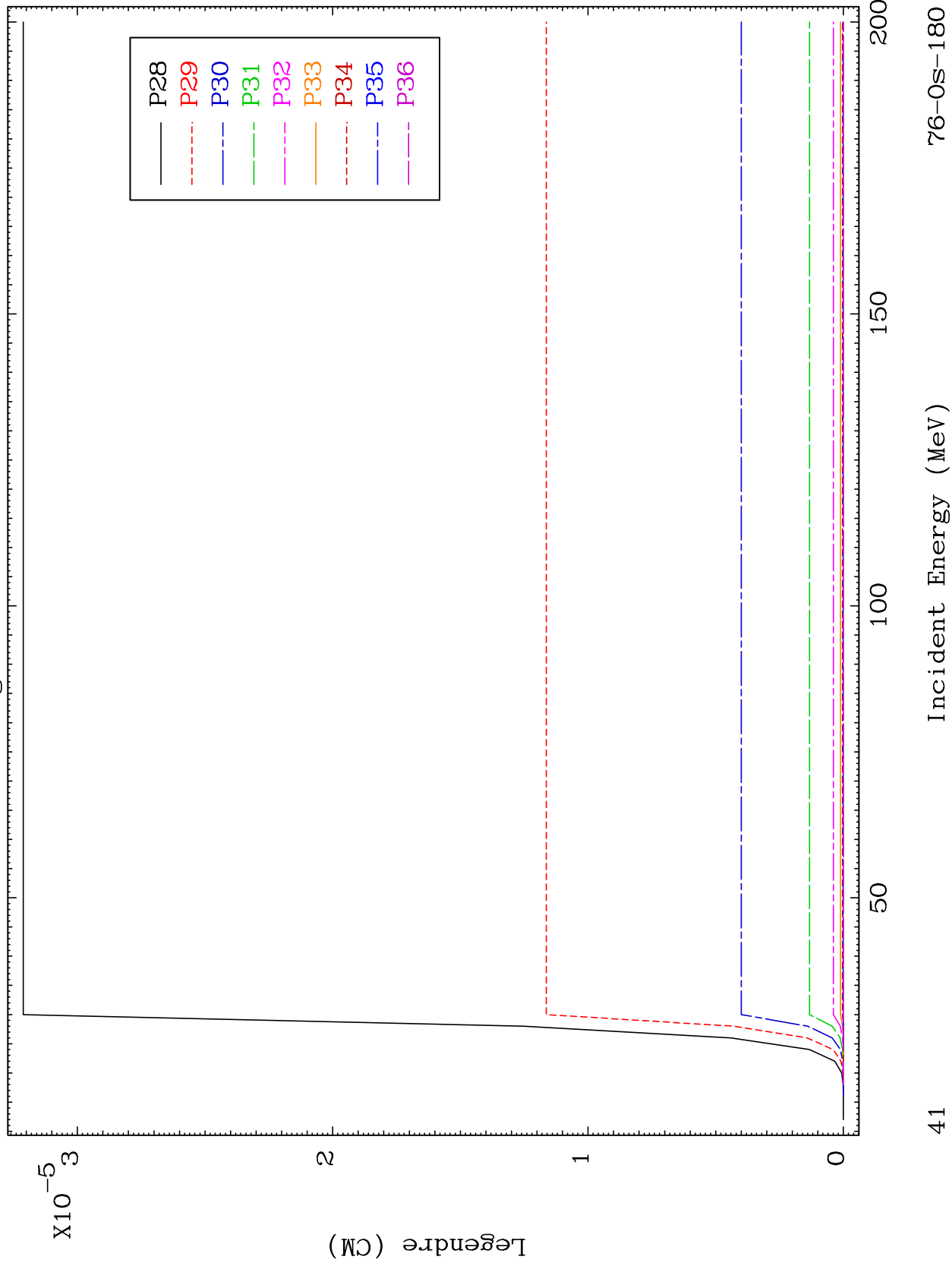




MAT 7613

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

76-Os-180



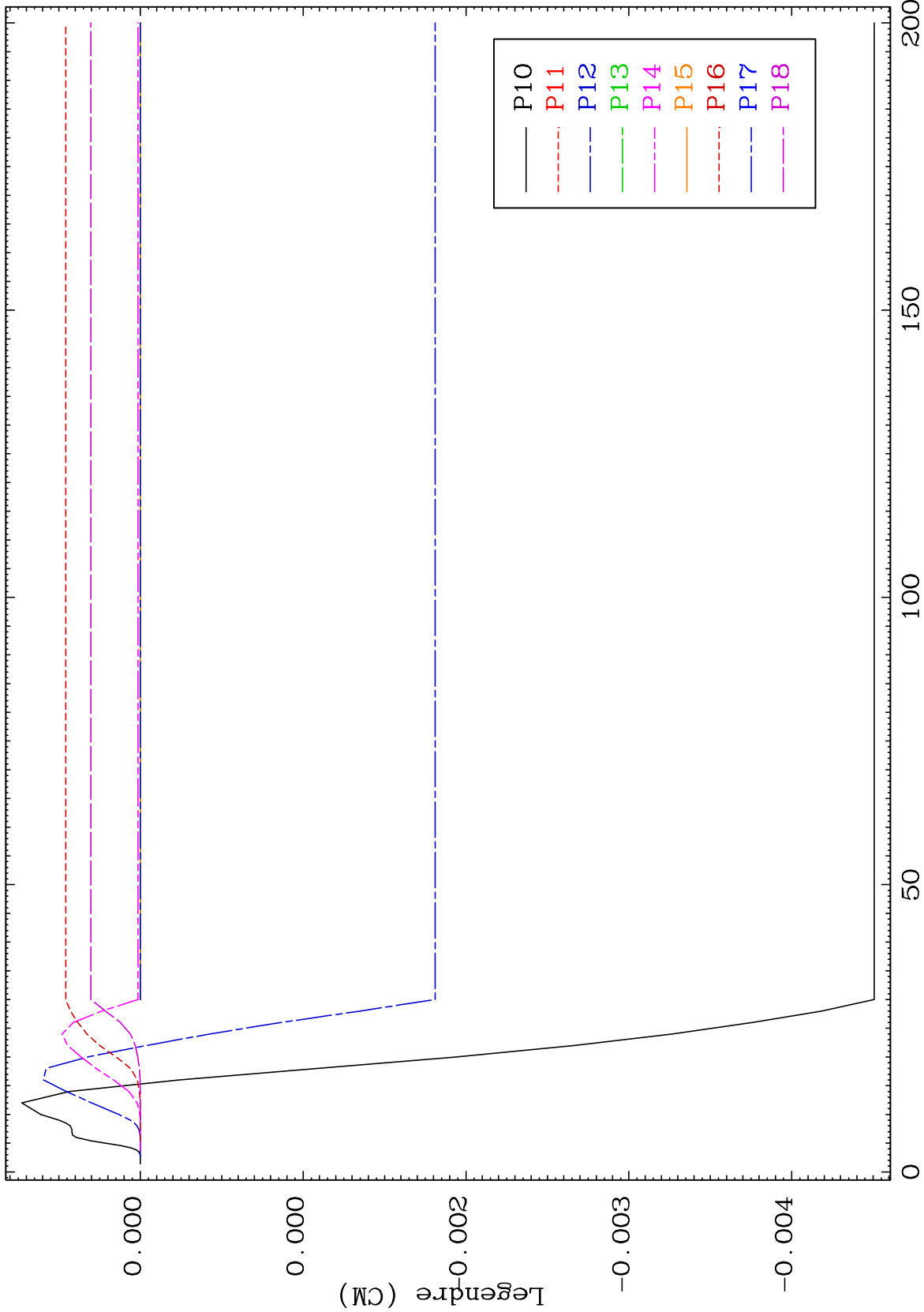
41

76-Os-180

MAT 7613

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

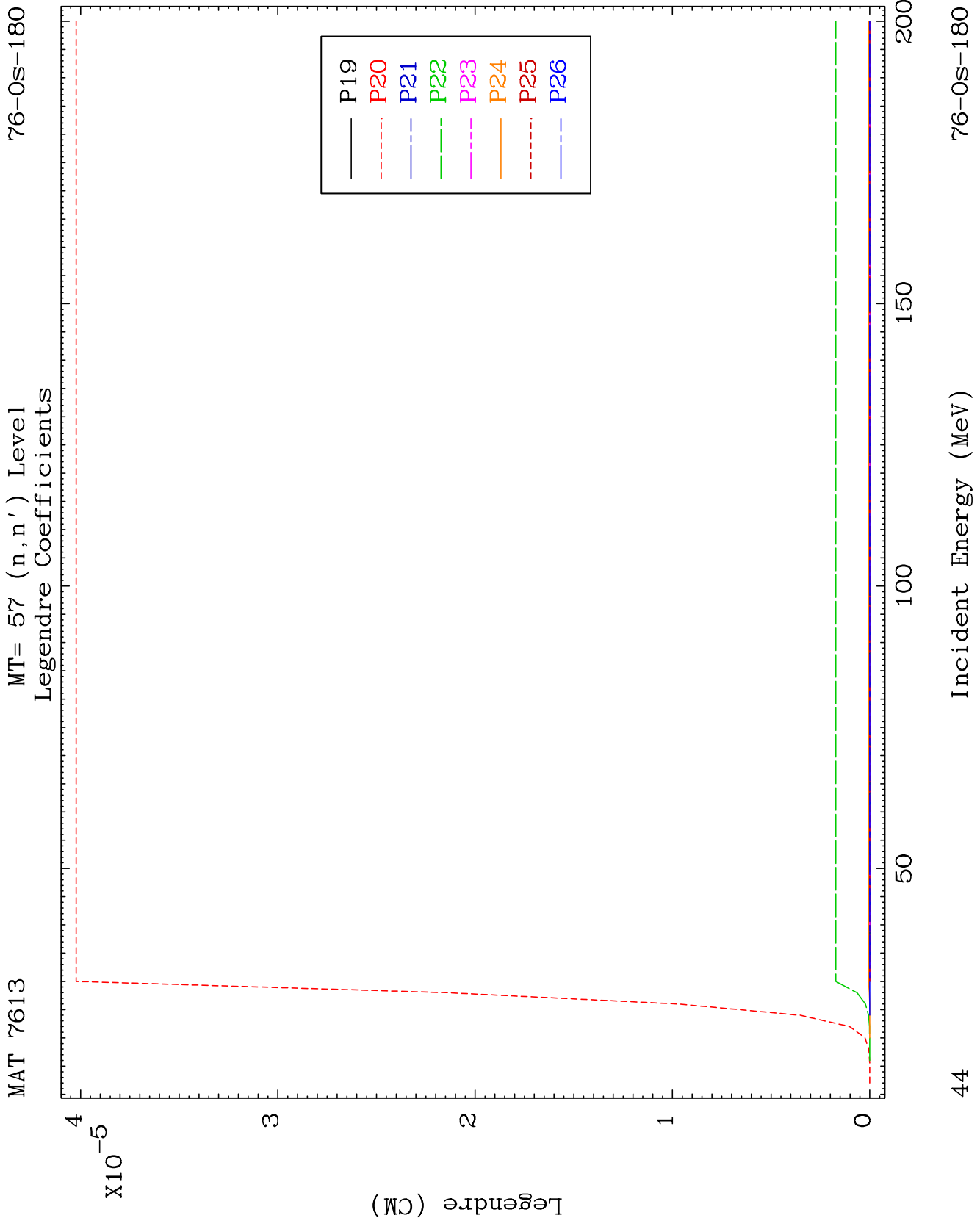
76-Os-180

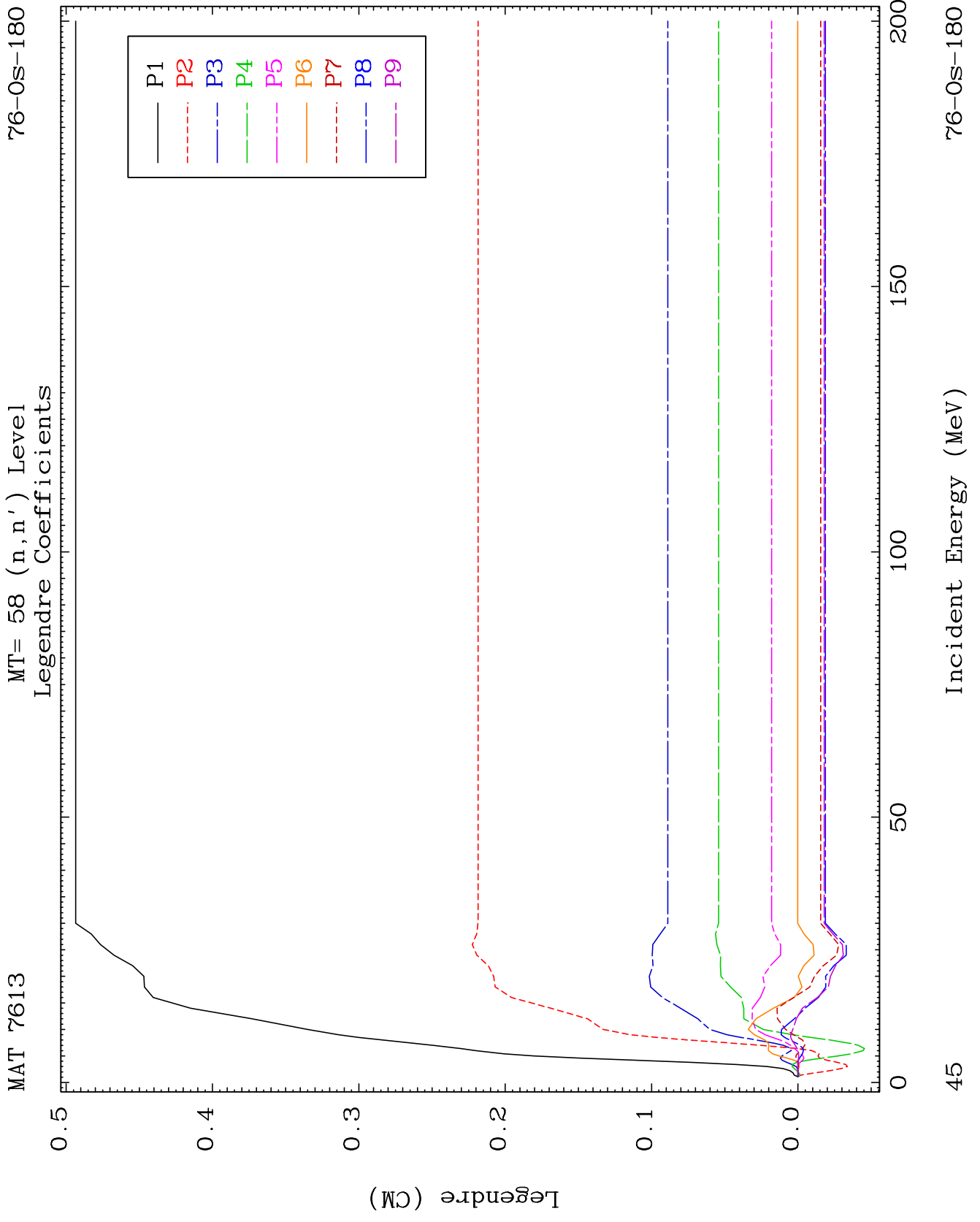


43

Incident Energy (MeV)

76-Os-180

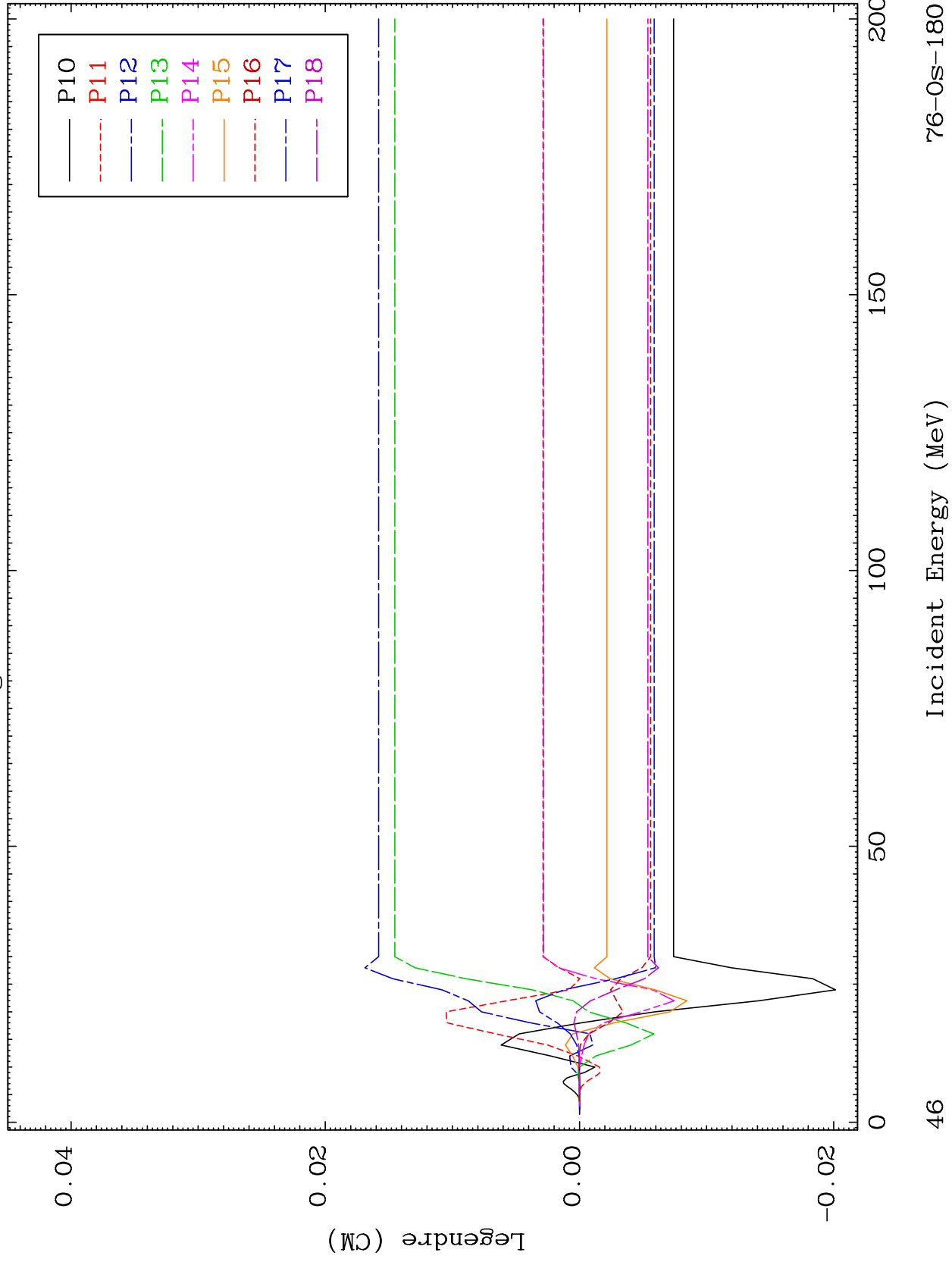




MAT 7613

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

76-Os-180



46

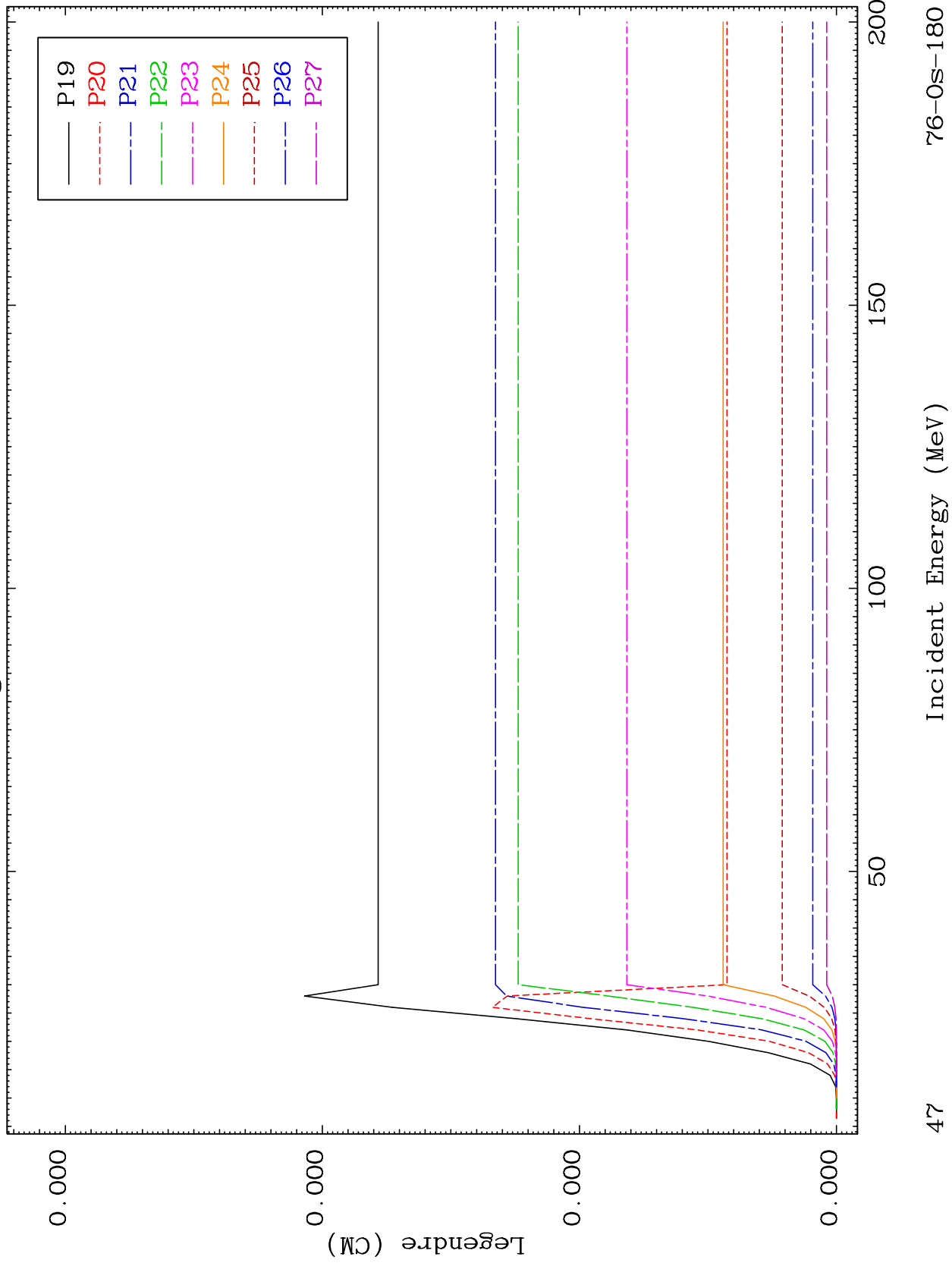
Incident Energy (MeV)

76-Os-180

MAT 7613

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

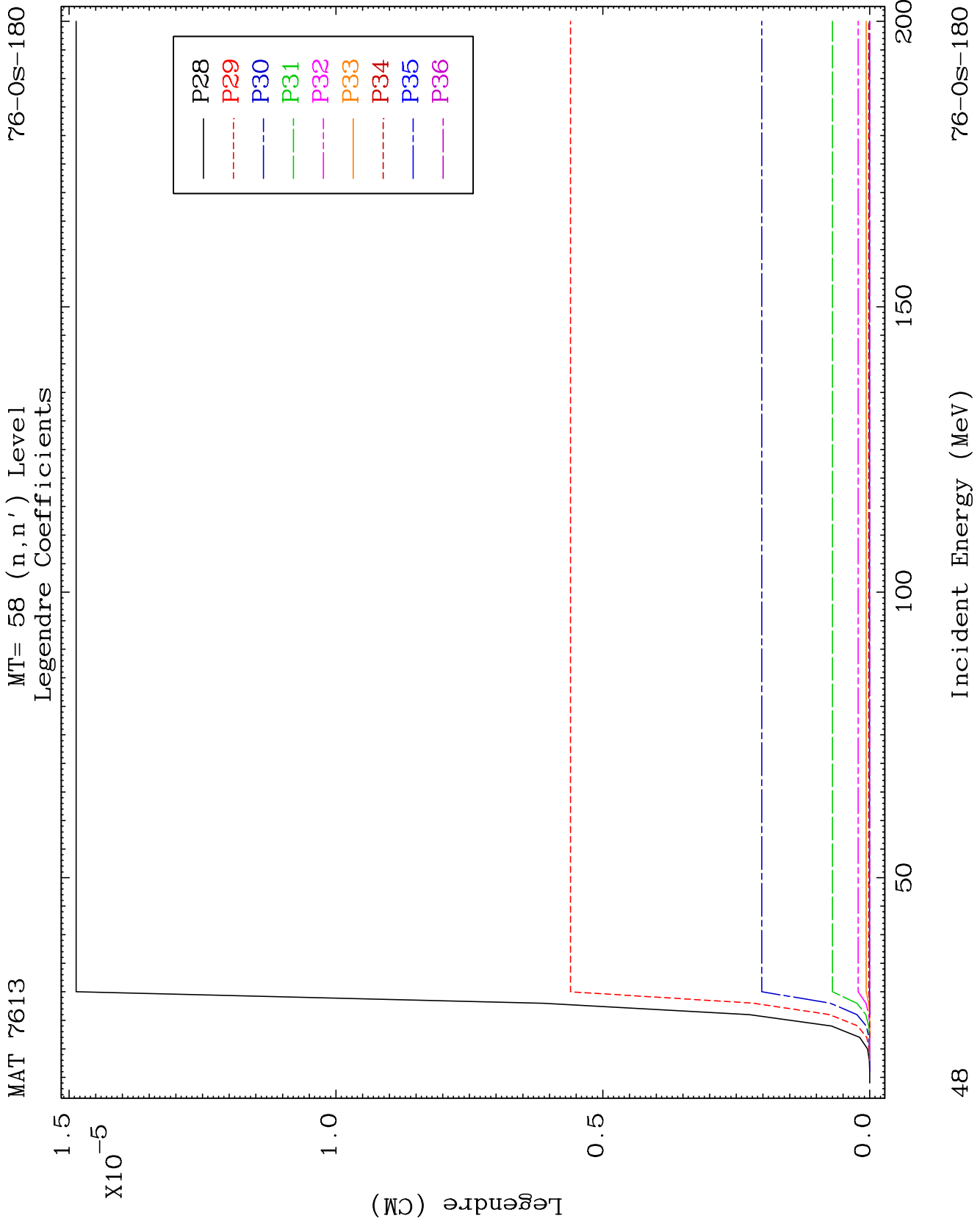
76-Os-180

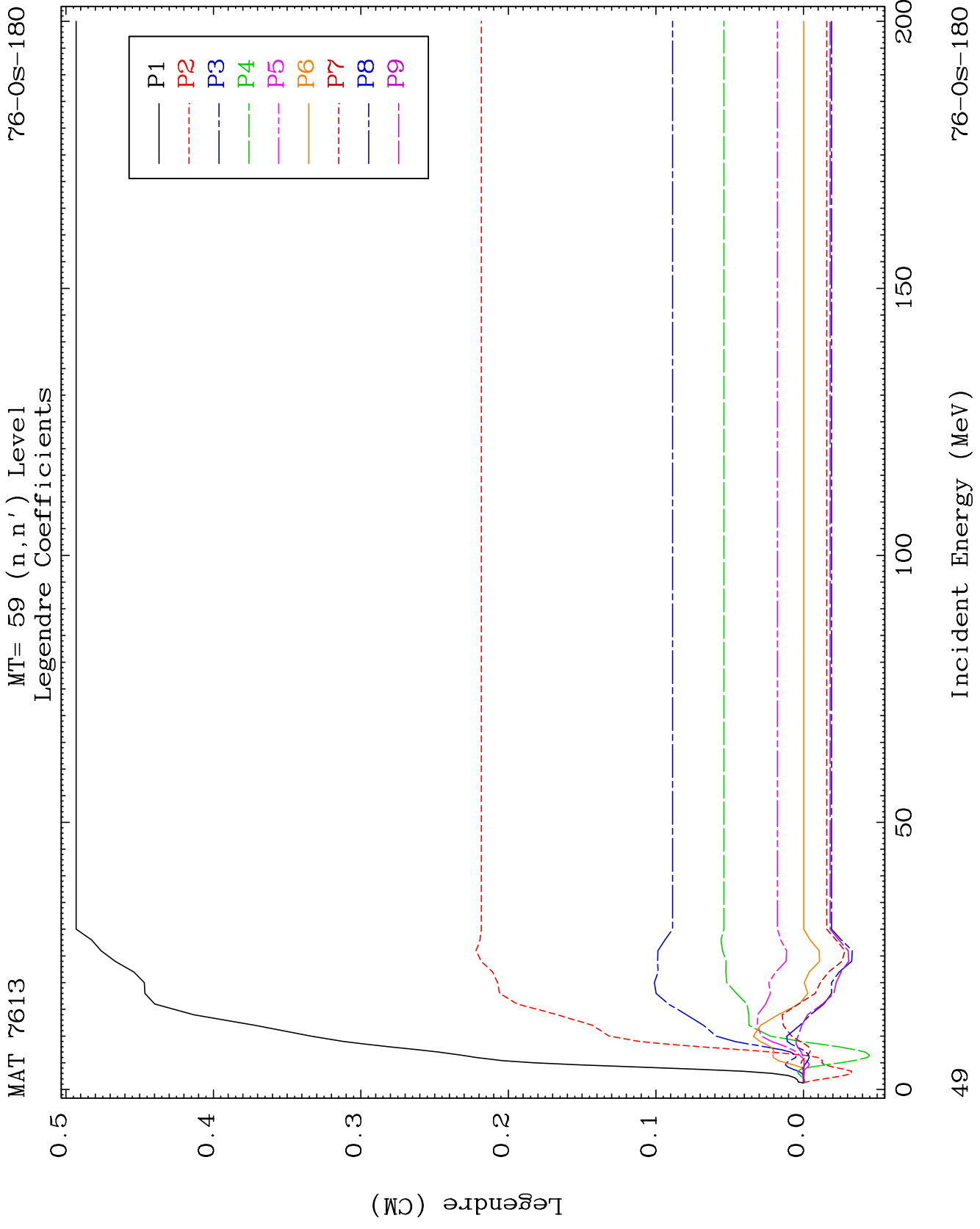


47

Incident Energy (MeV)

76-Os-180

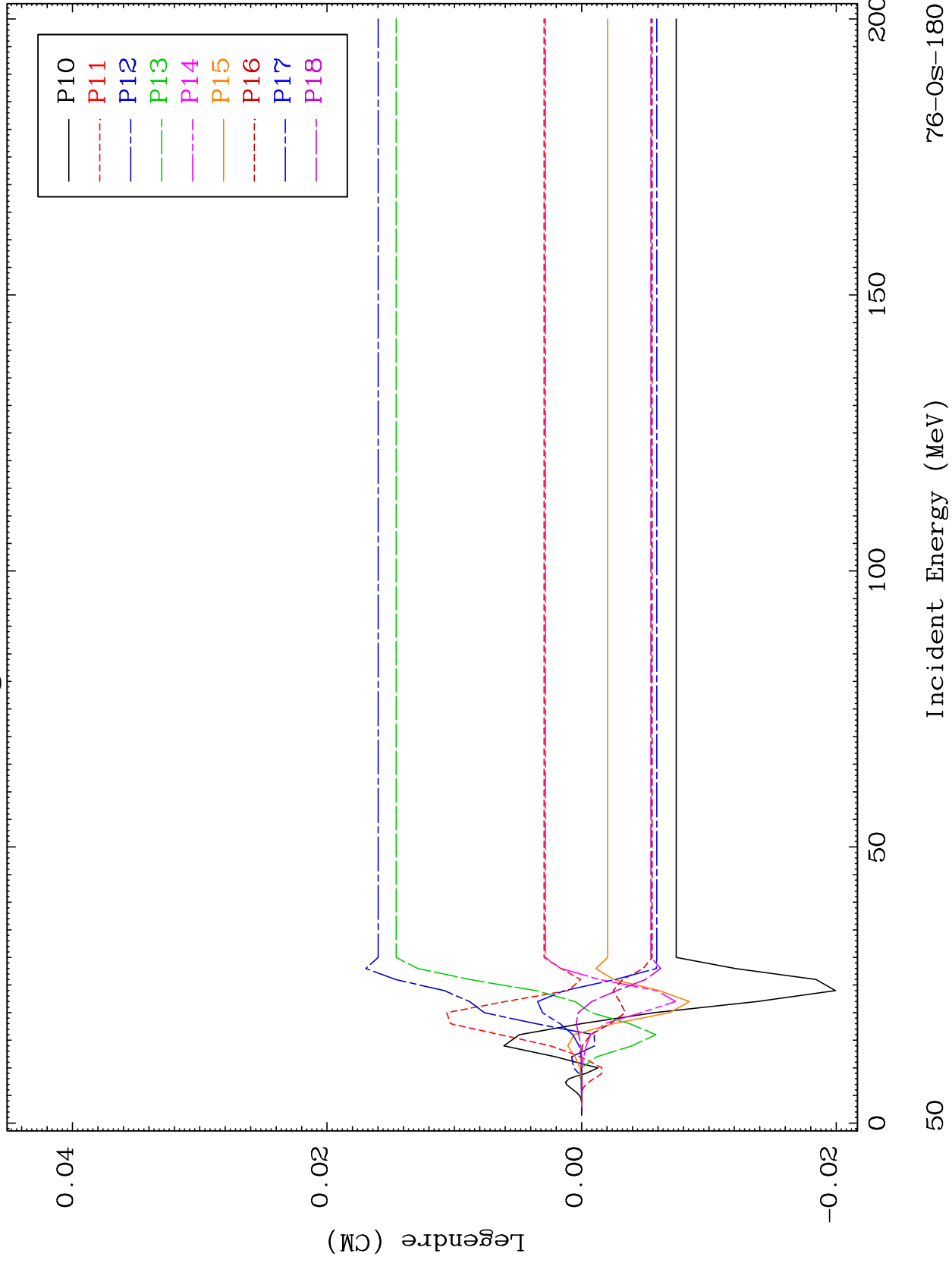




MAT 7613

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

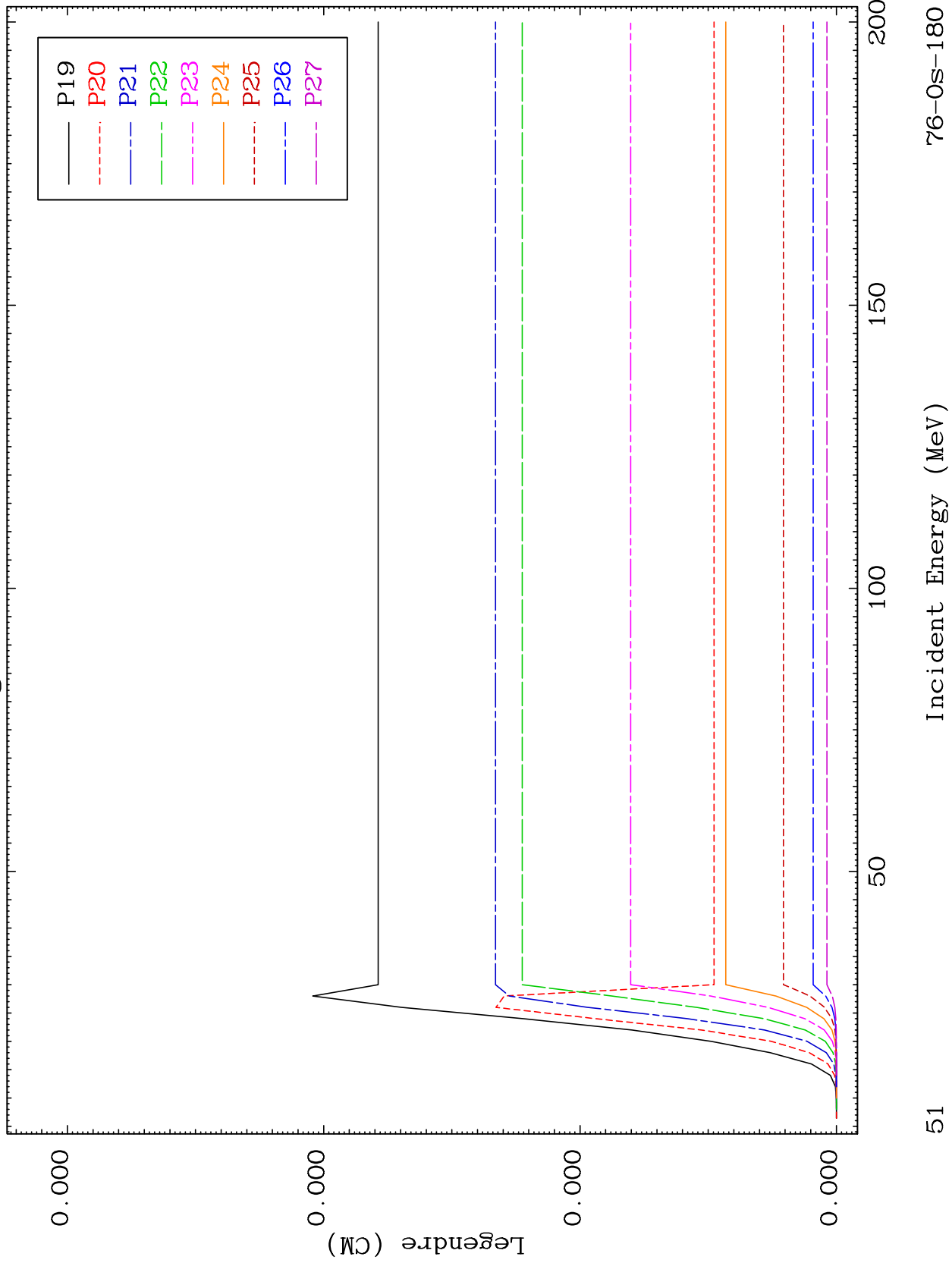
76-Os-180



MAT 7613

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

76-Os-180



51

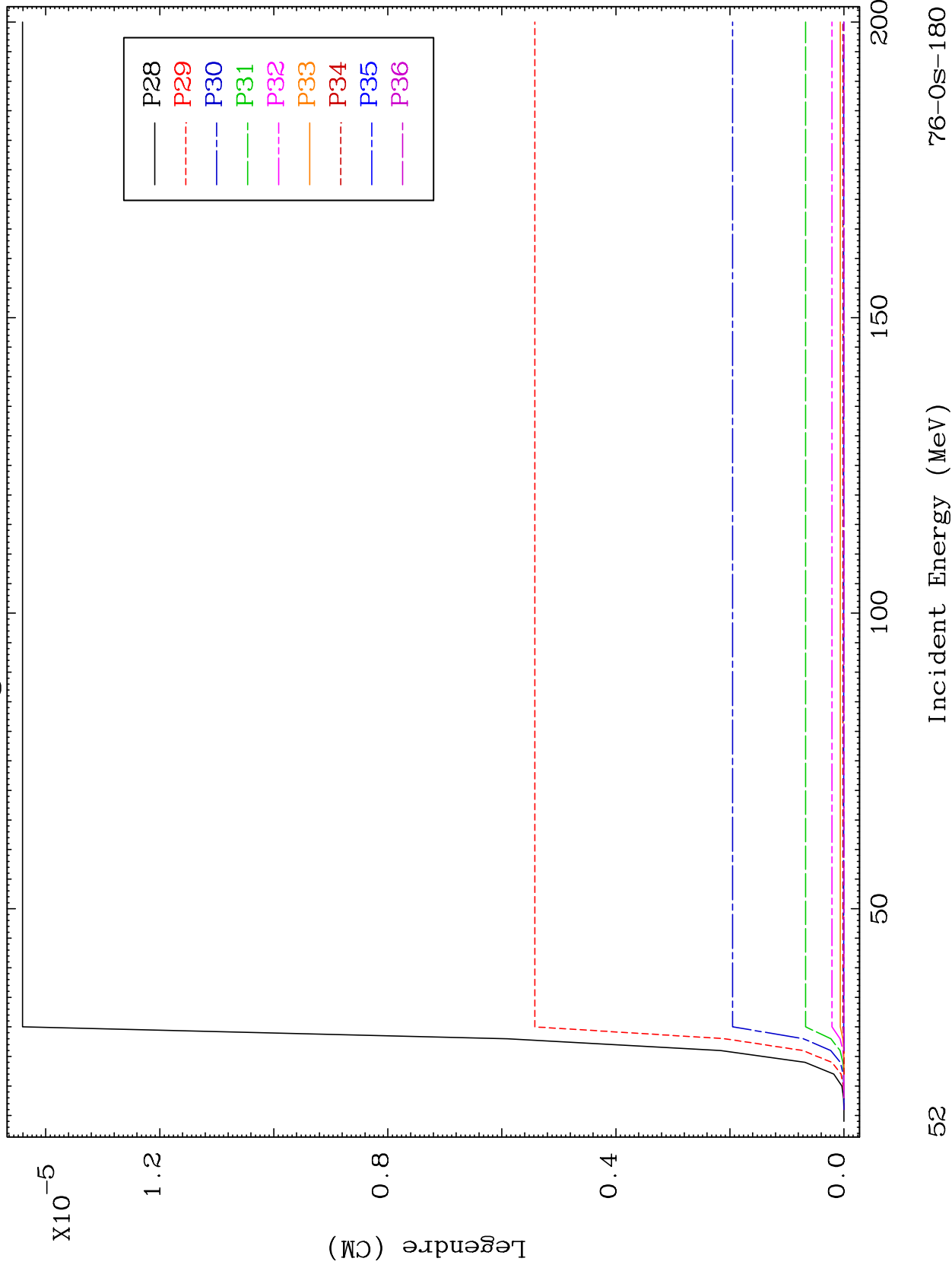
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



52

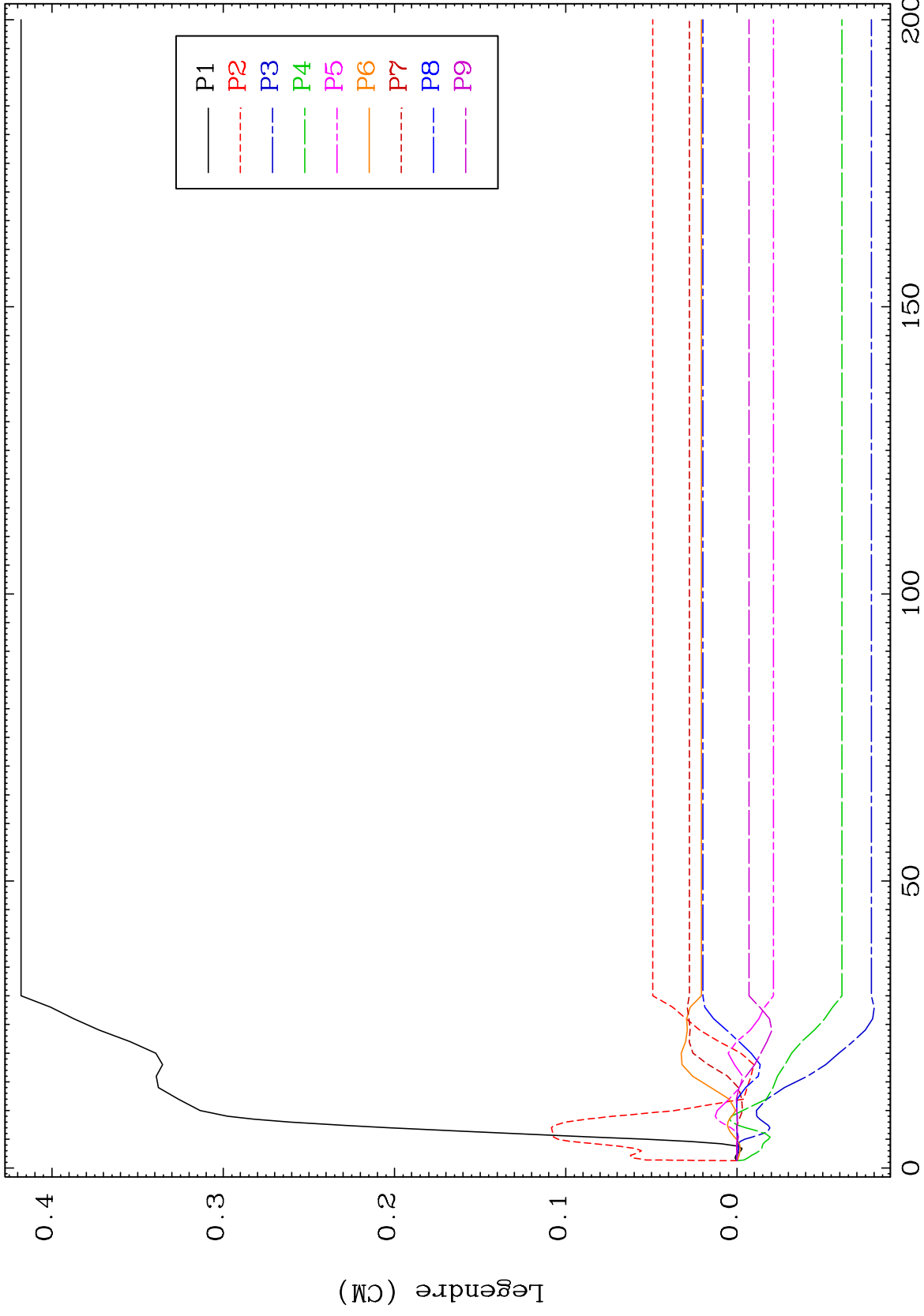
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



53

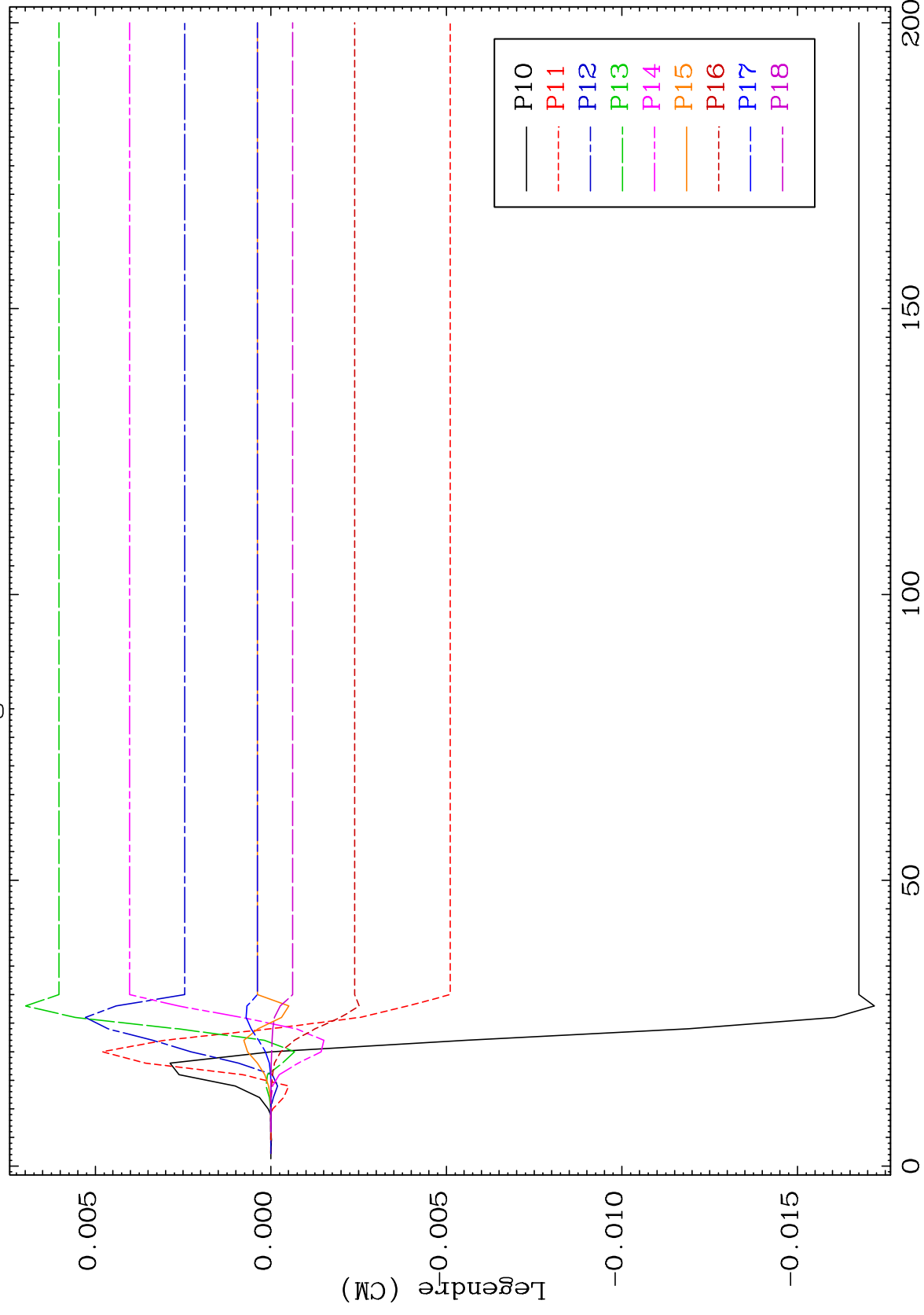
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



54

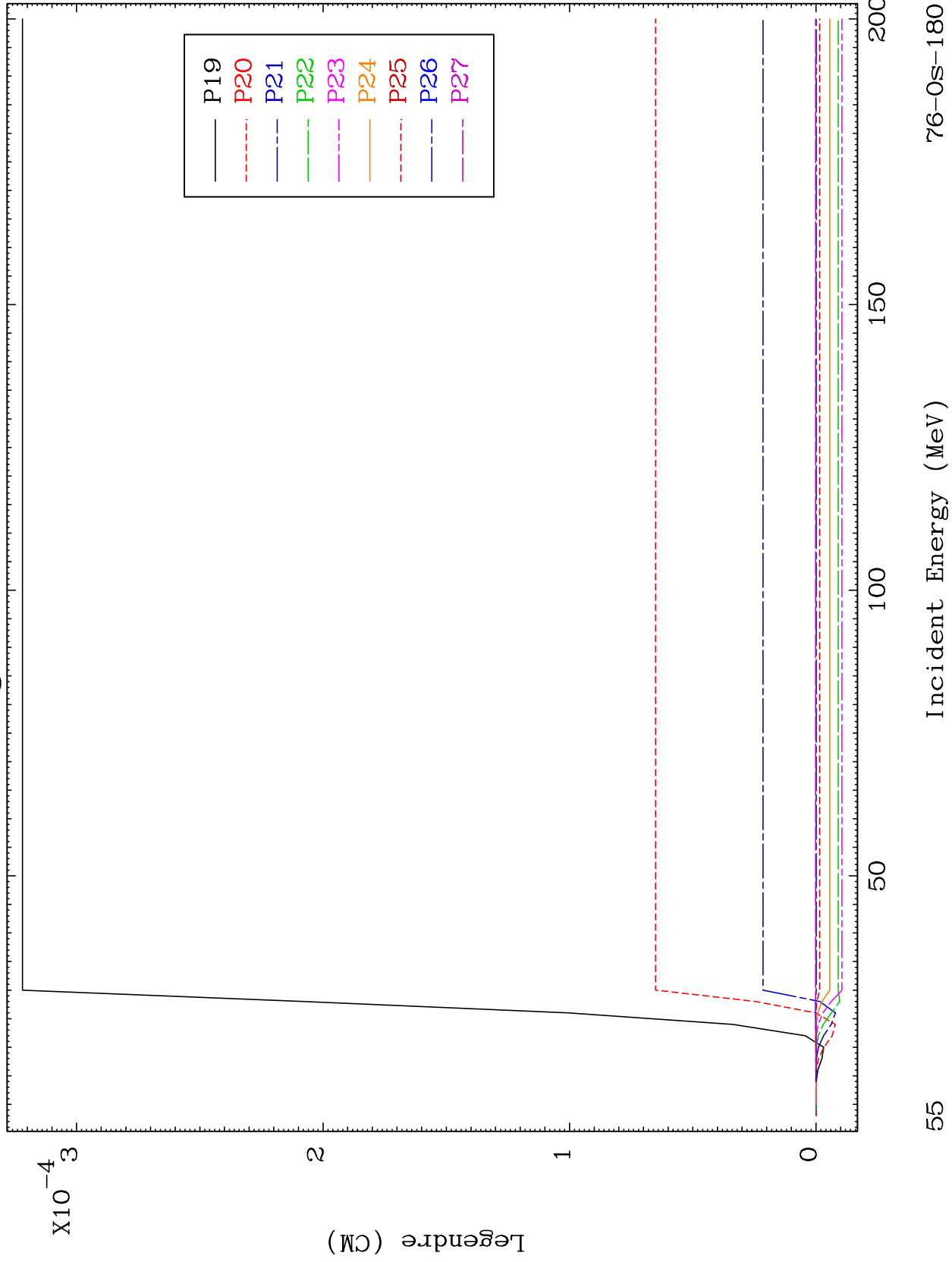
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



55

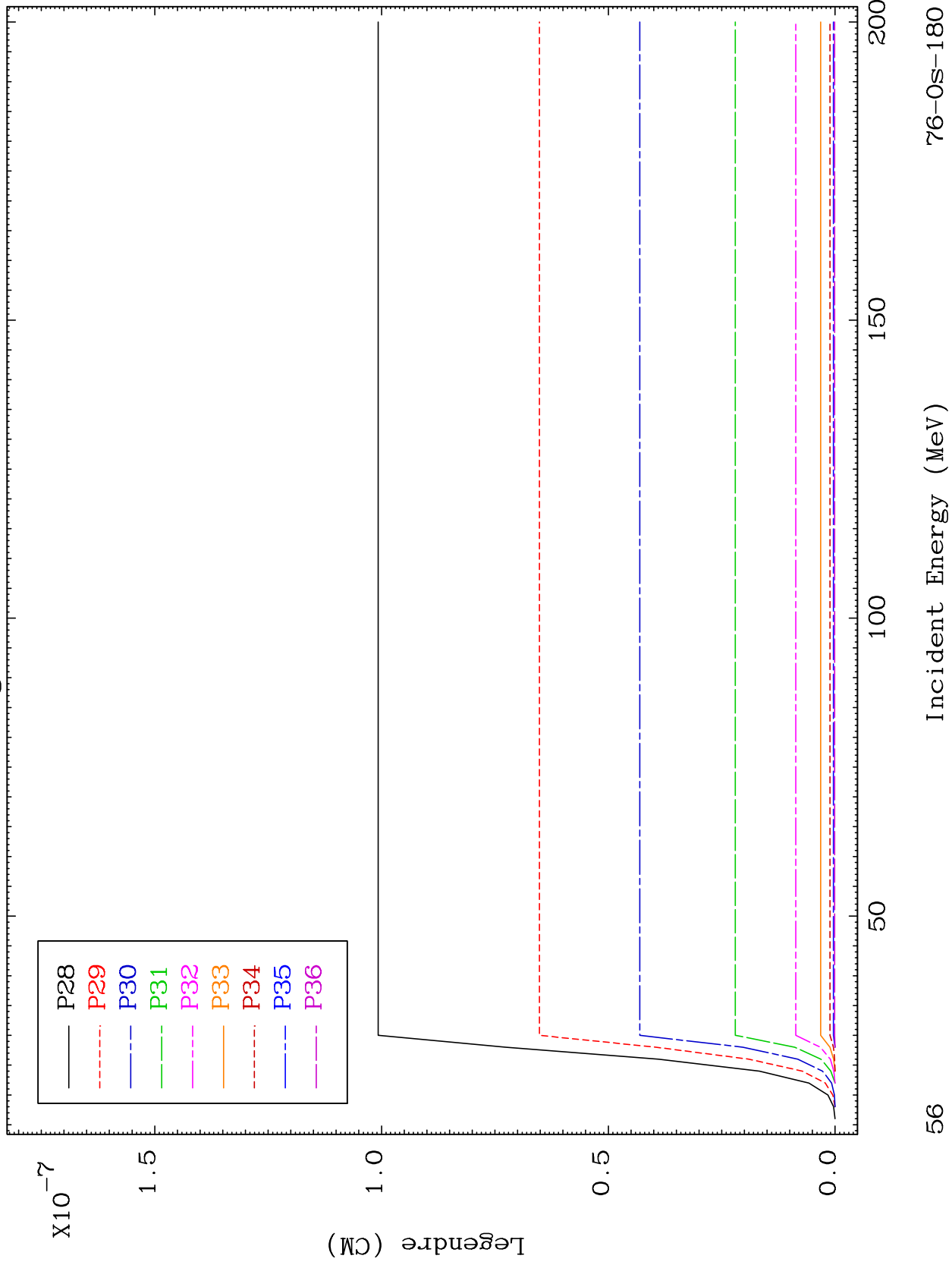
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



56

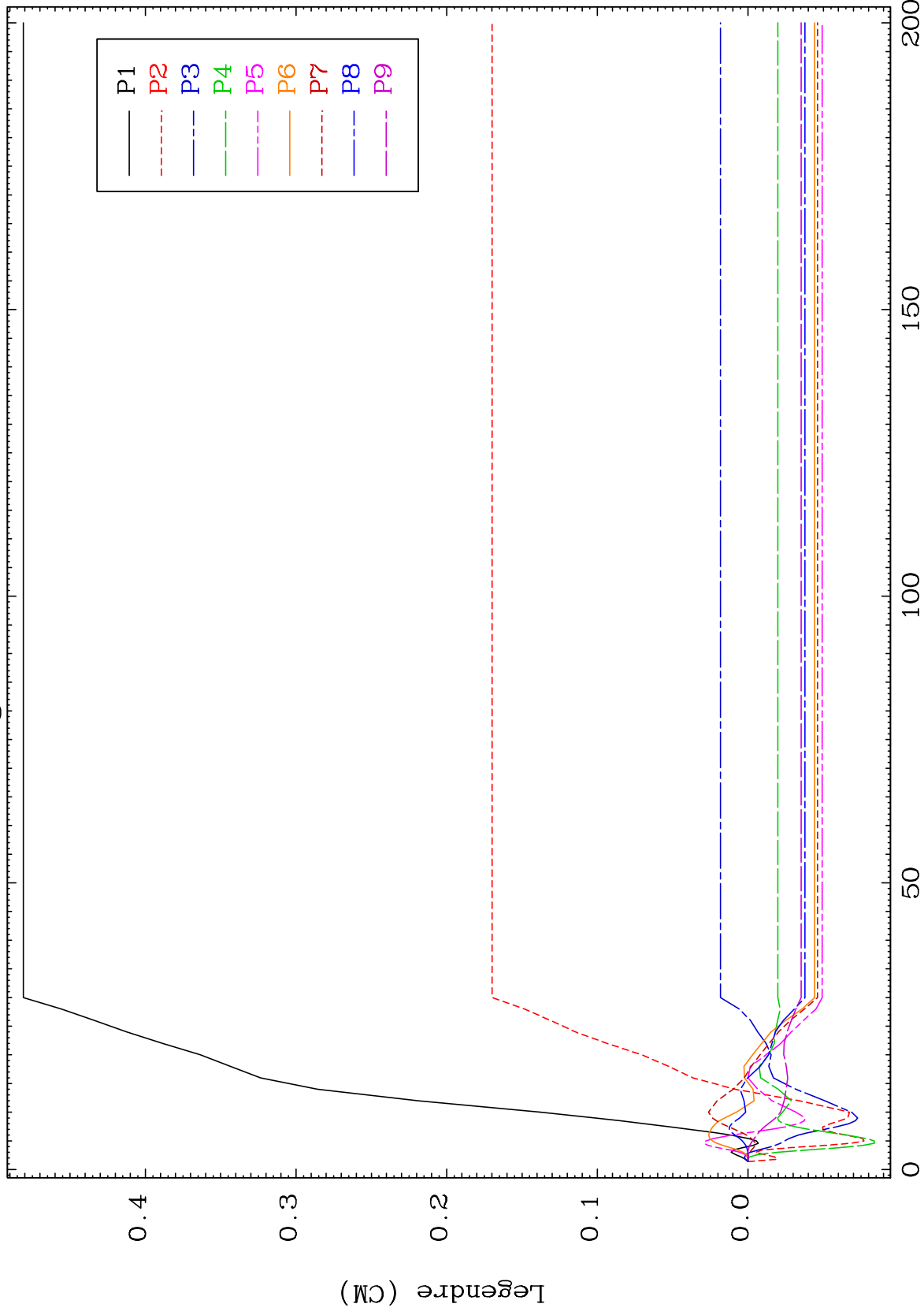
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



57

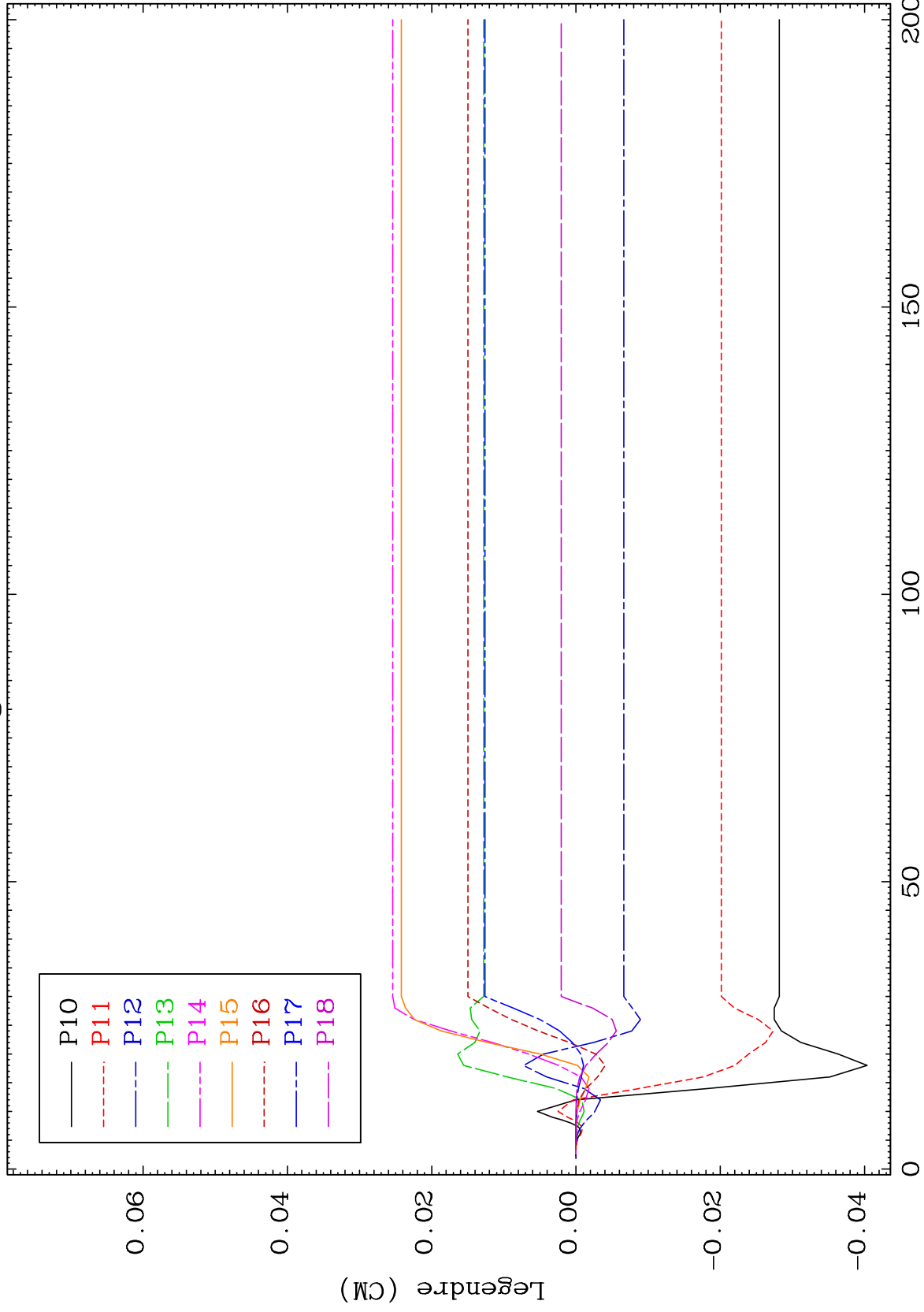
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



Incident Energy (MeV)

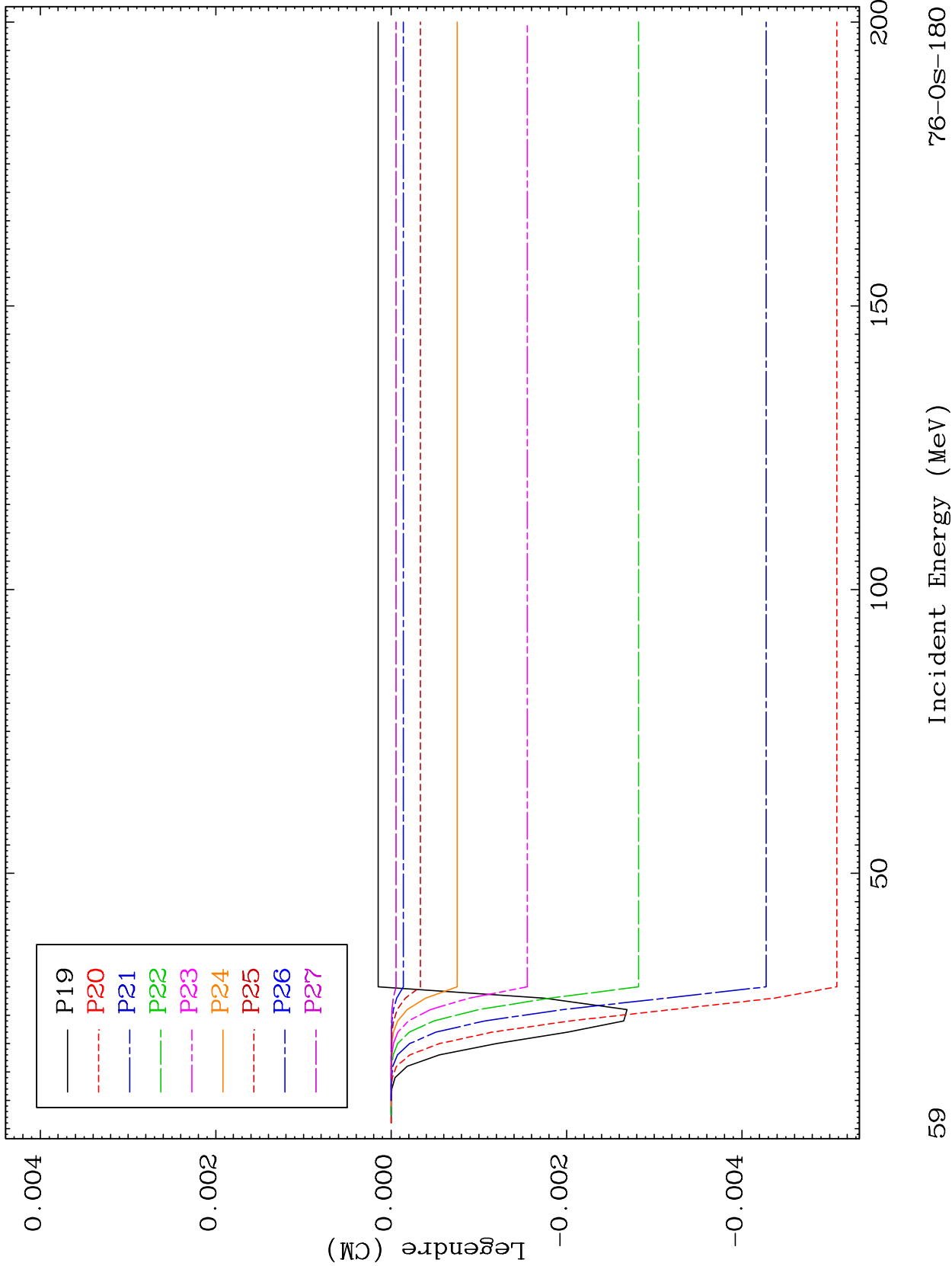
76-Os-180

58

MAT 7613

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

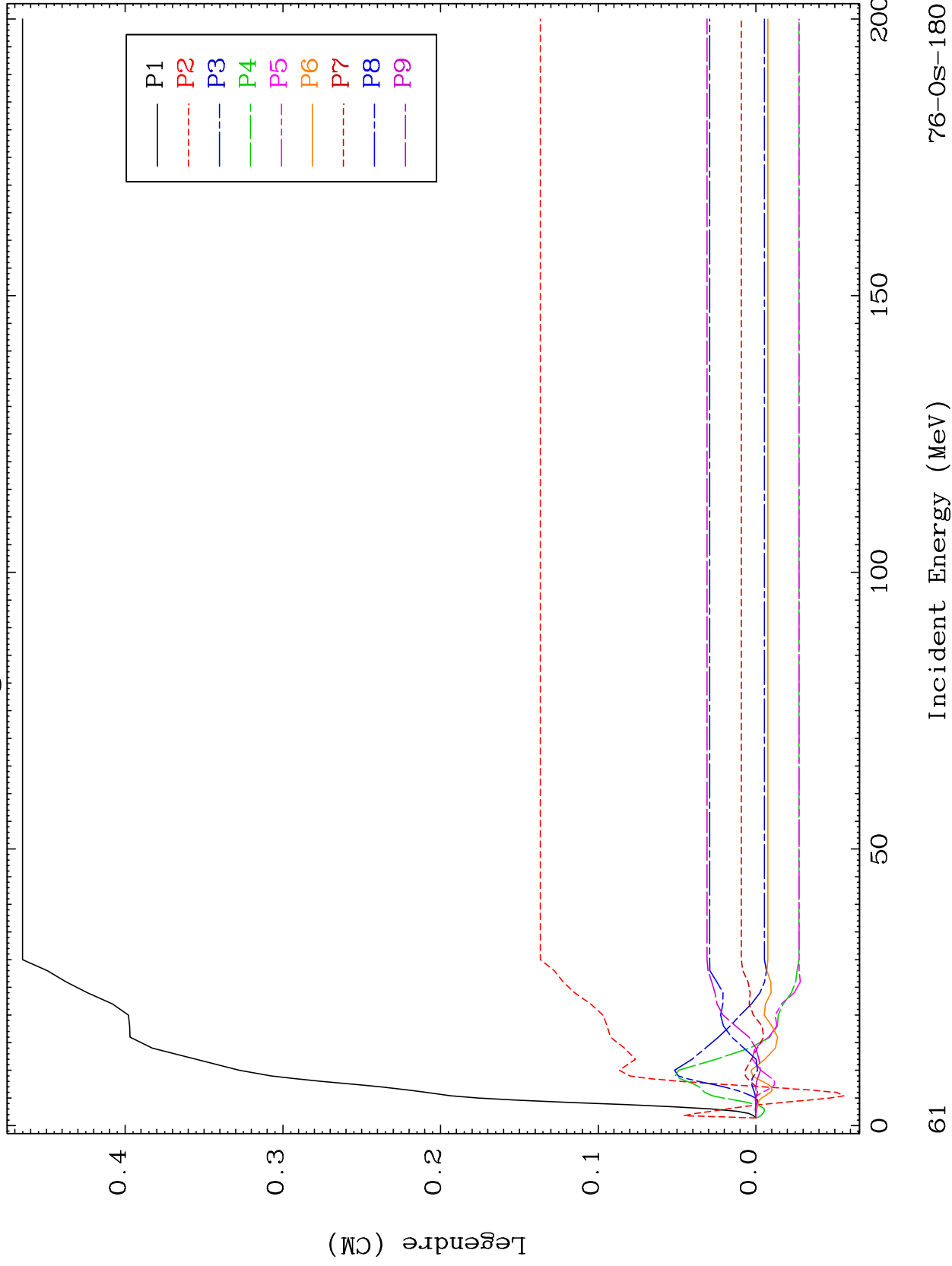
76-0s-180



MAT 7613

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

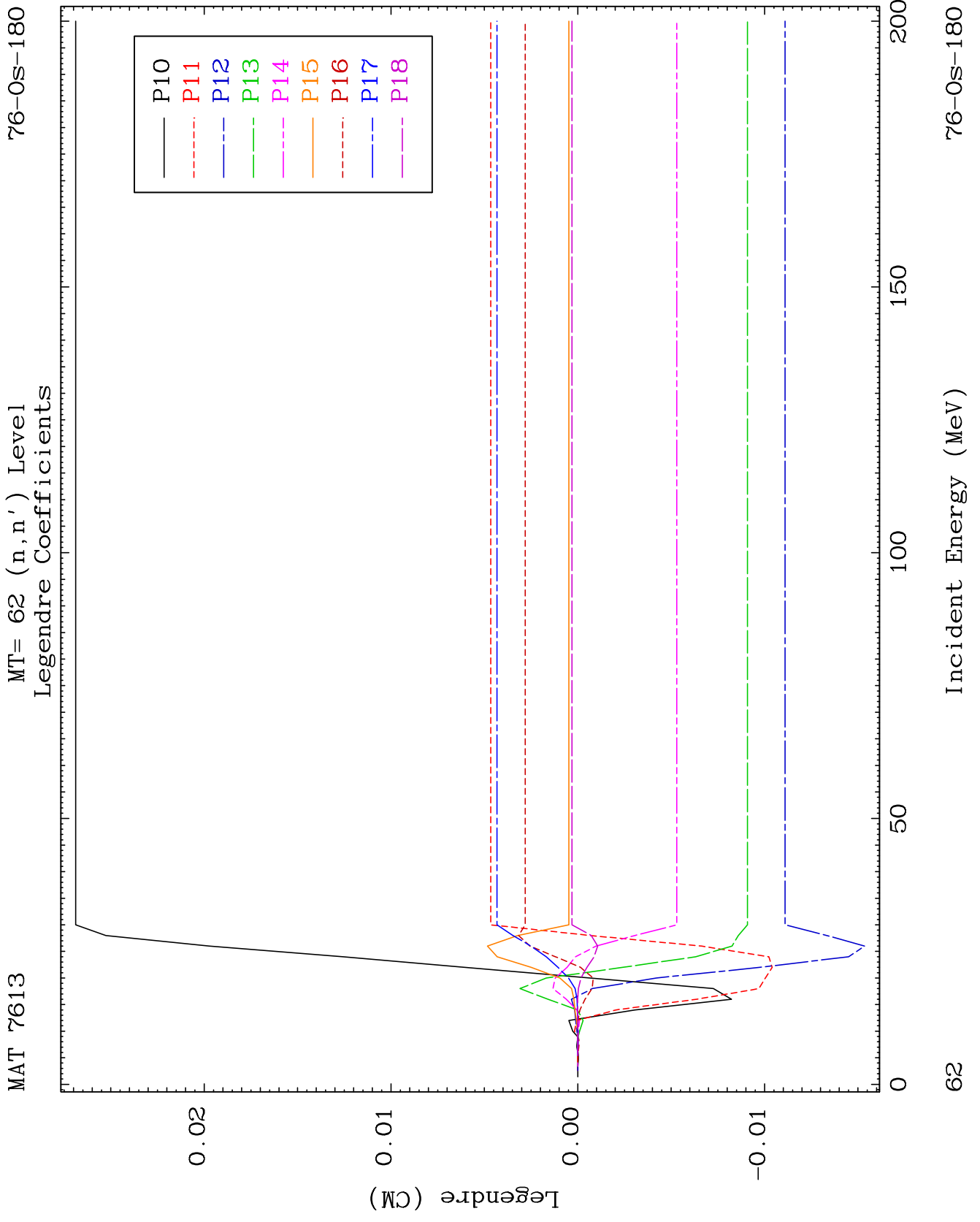
76-Os-180



61

Incident Energy (MeV)

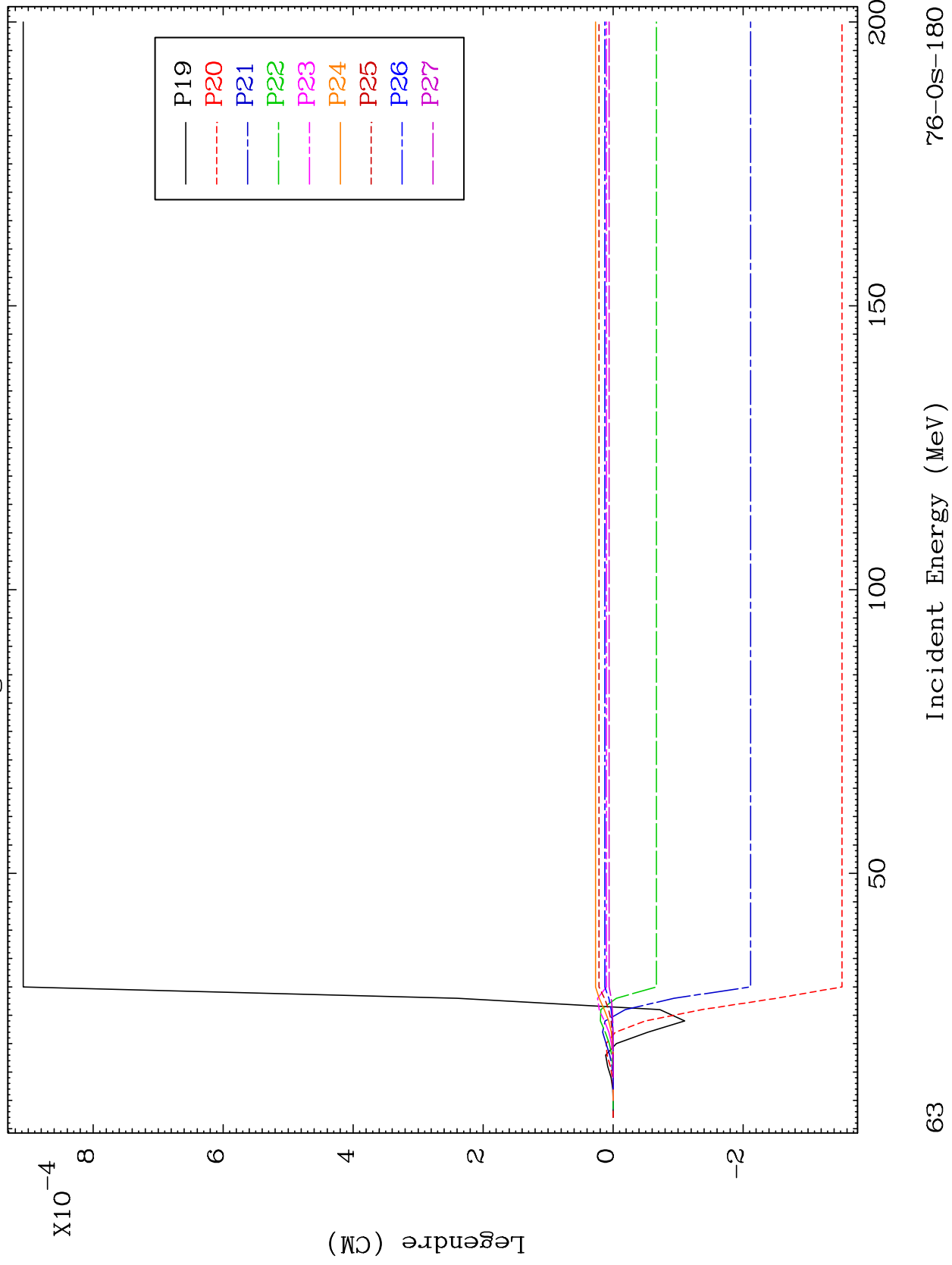
76-Os-180



MAT 7613

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

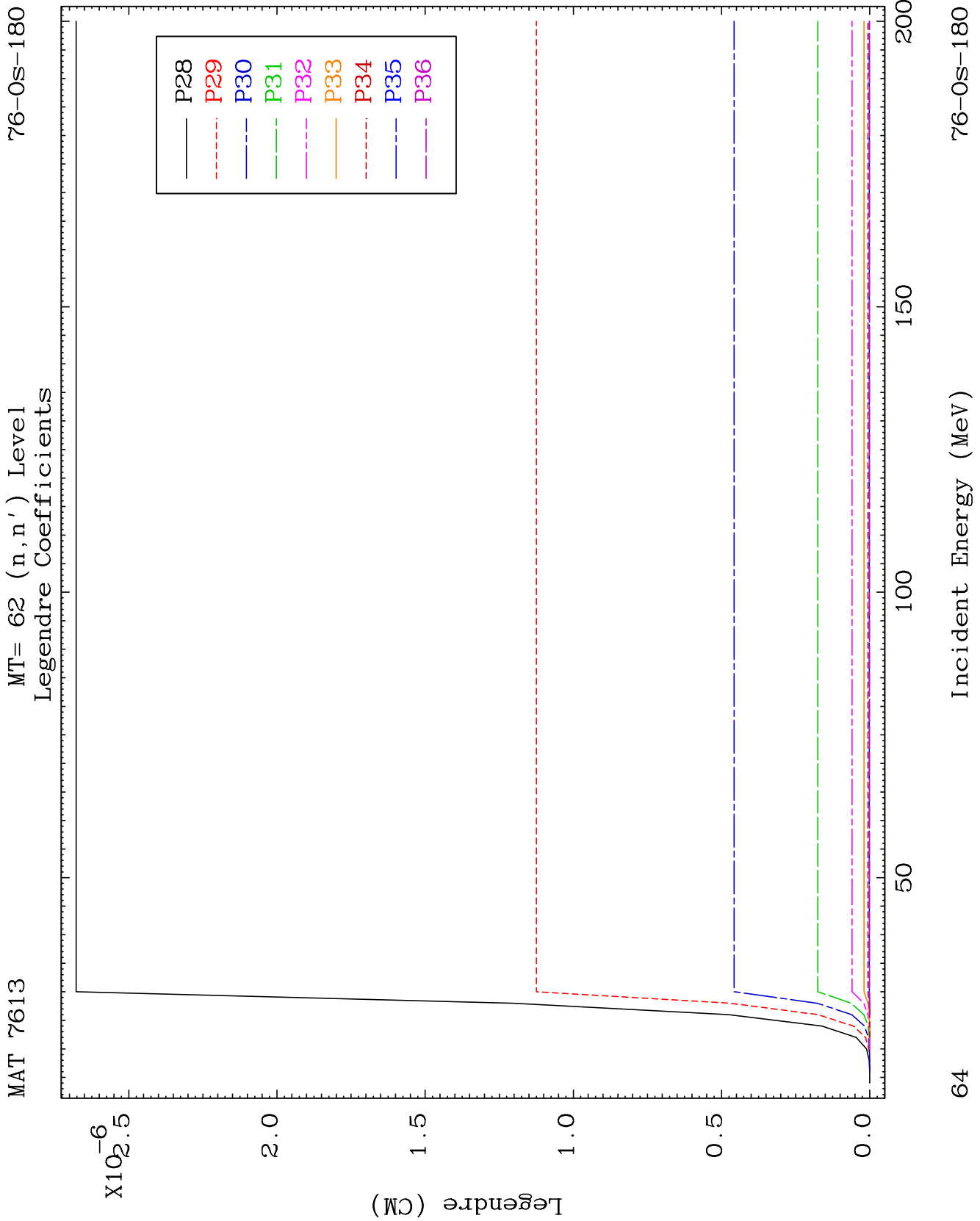
76-Os-180

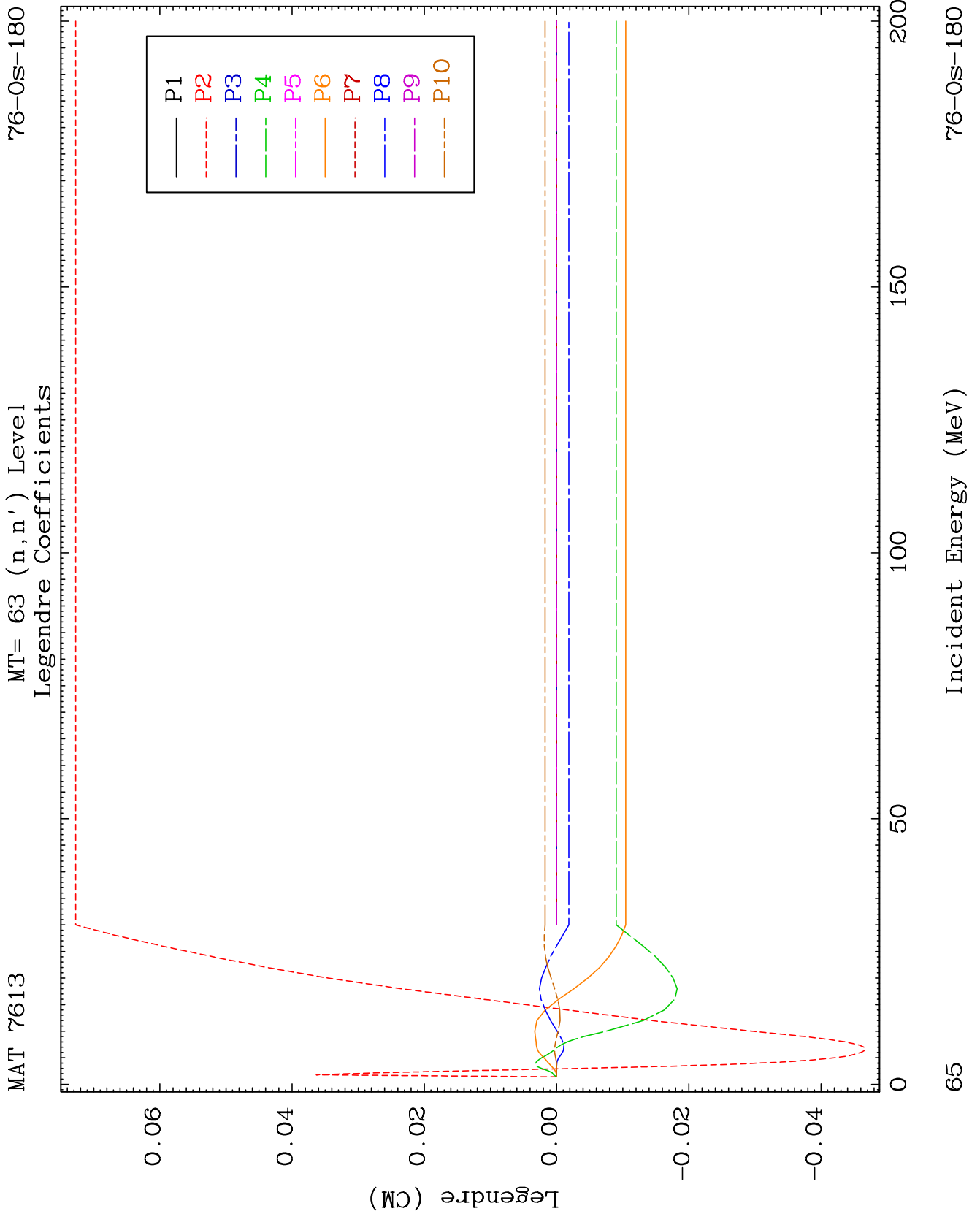


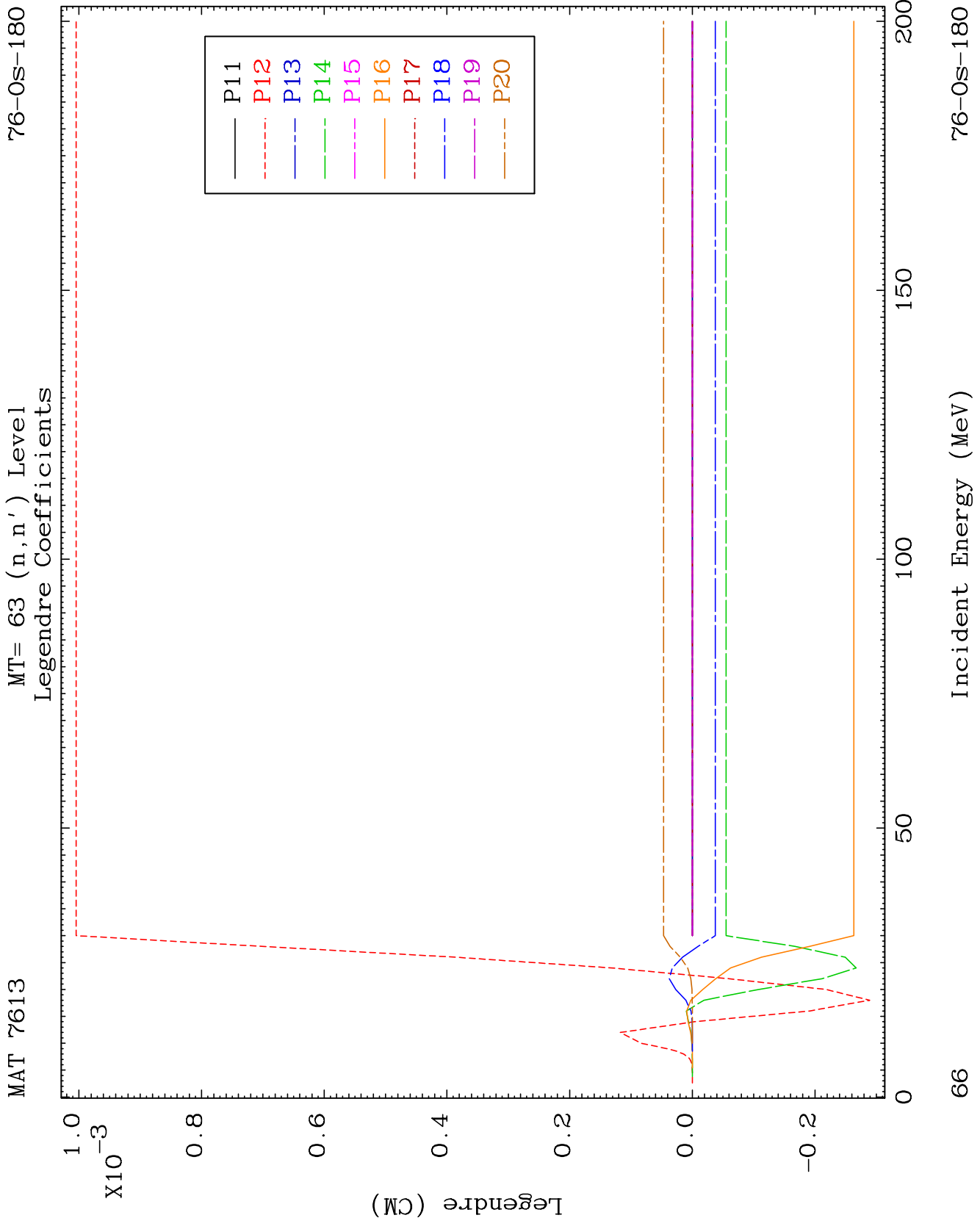
63

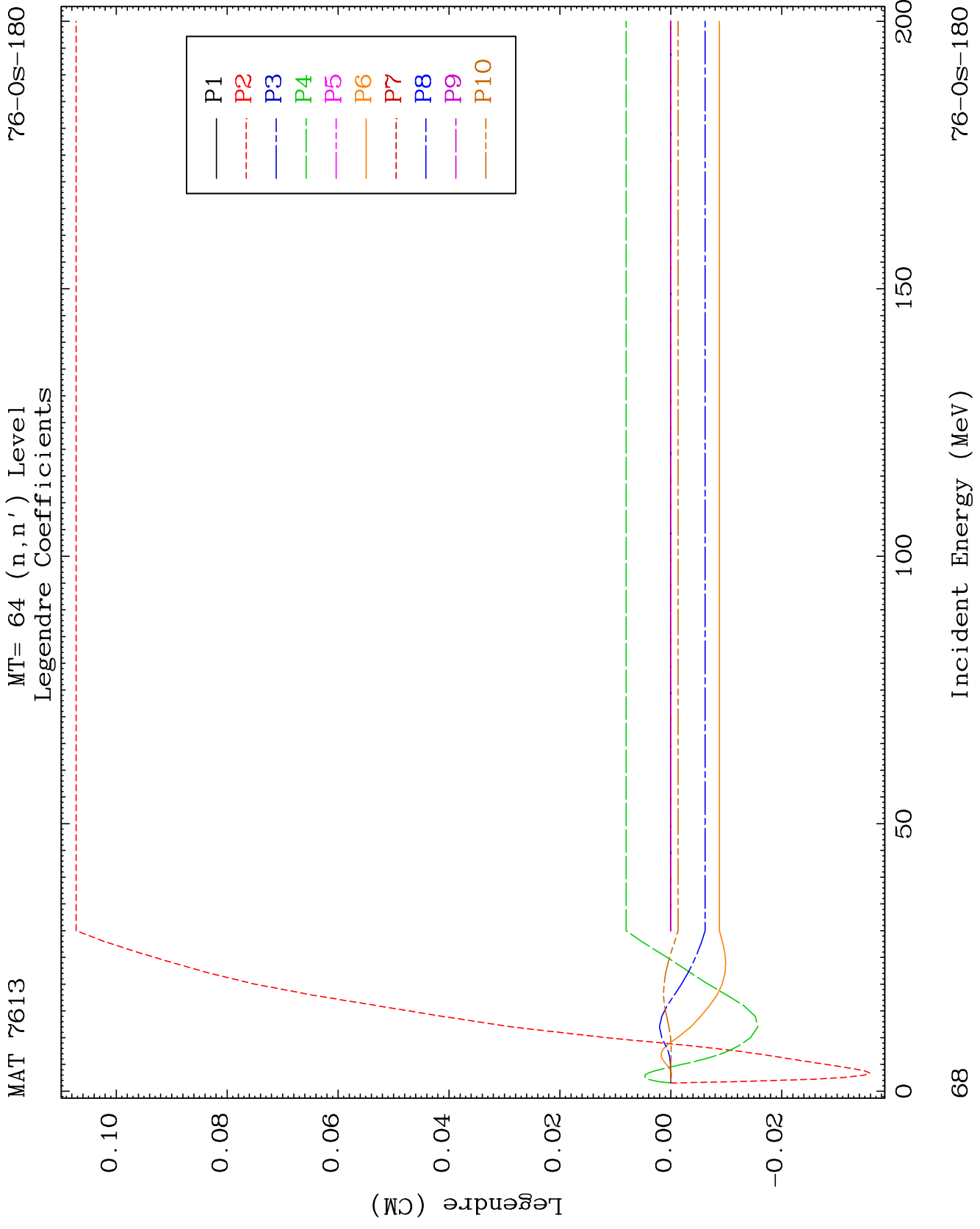
Incident Energy (MeV)

76-Os-180





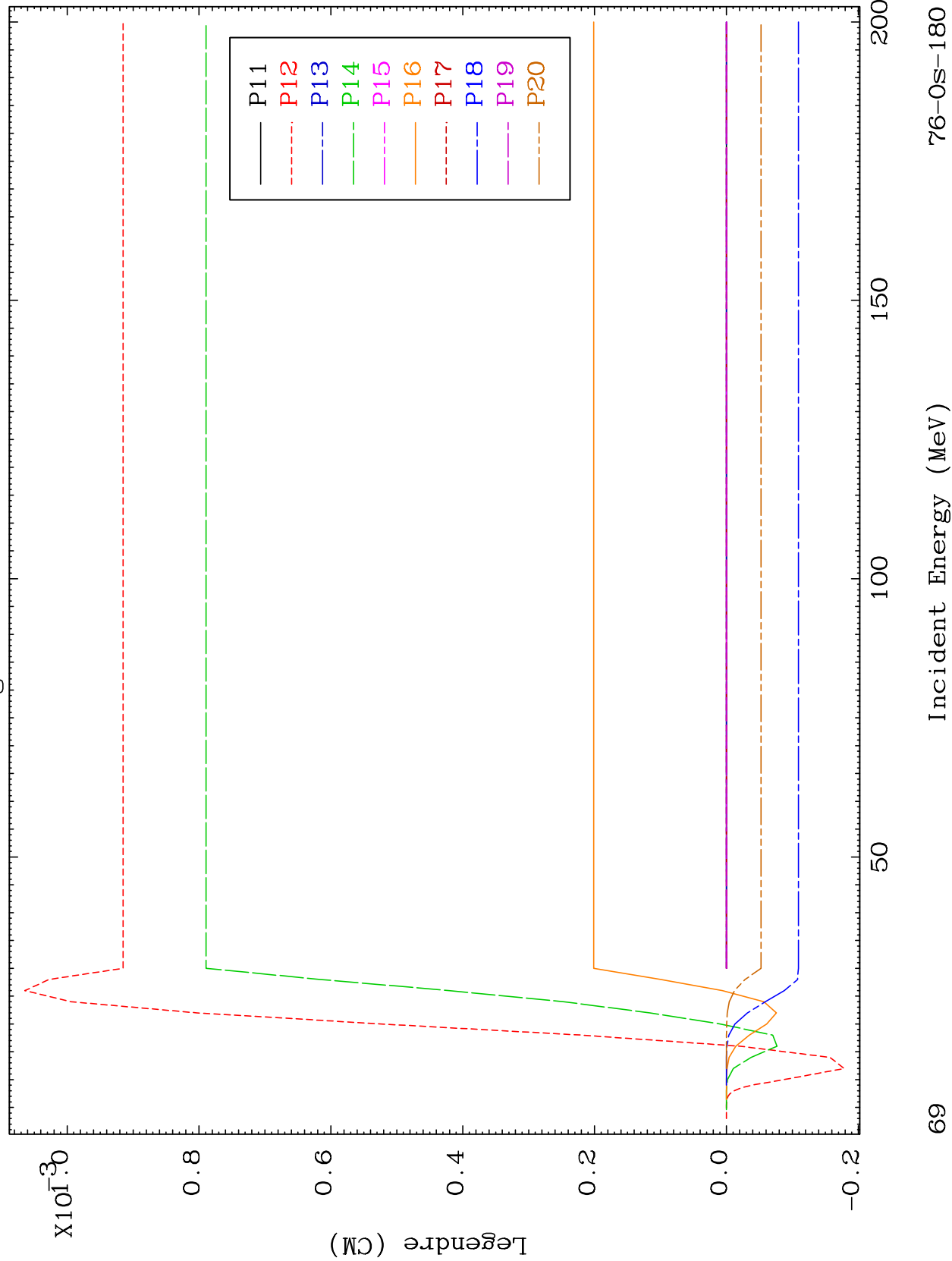


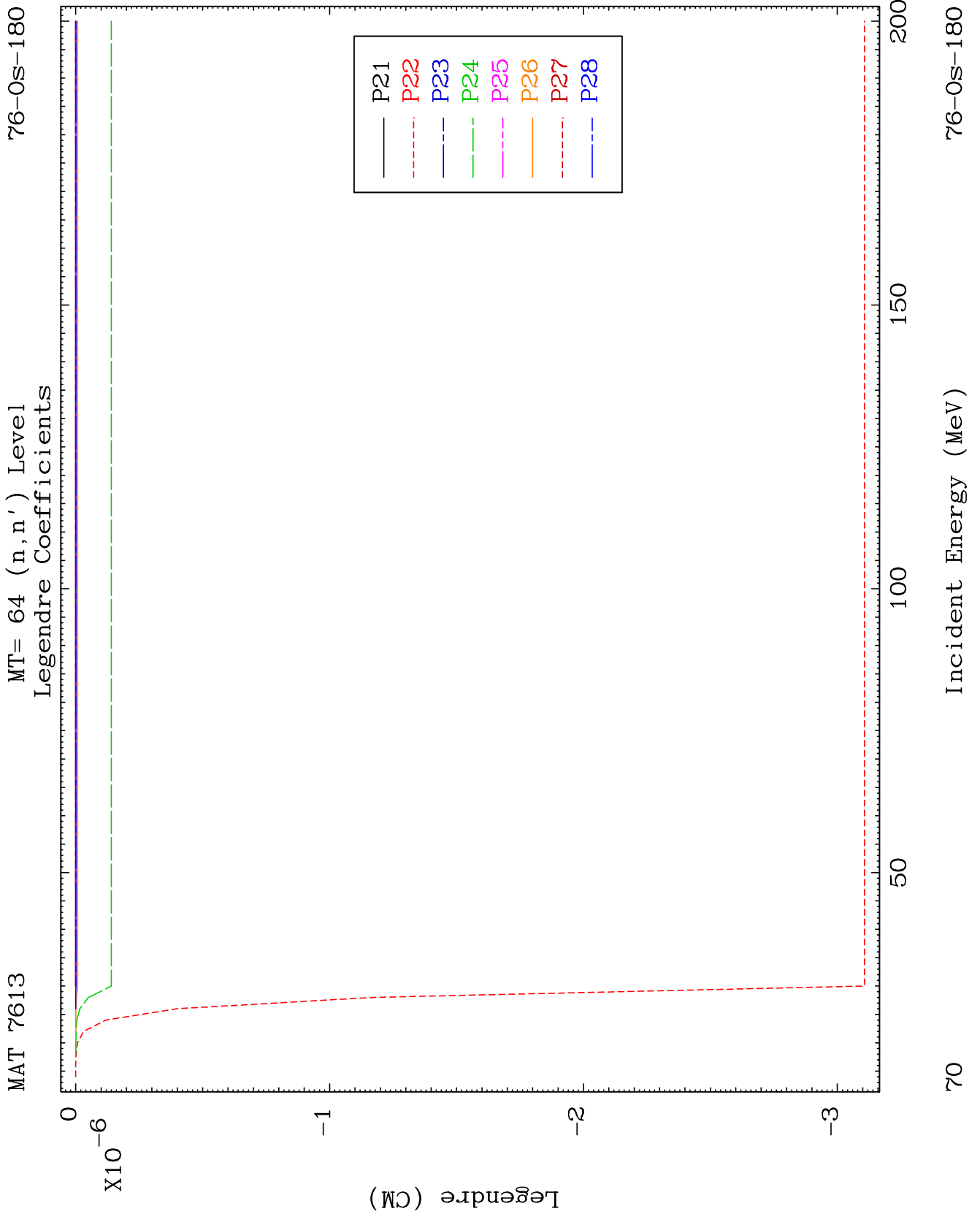


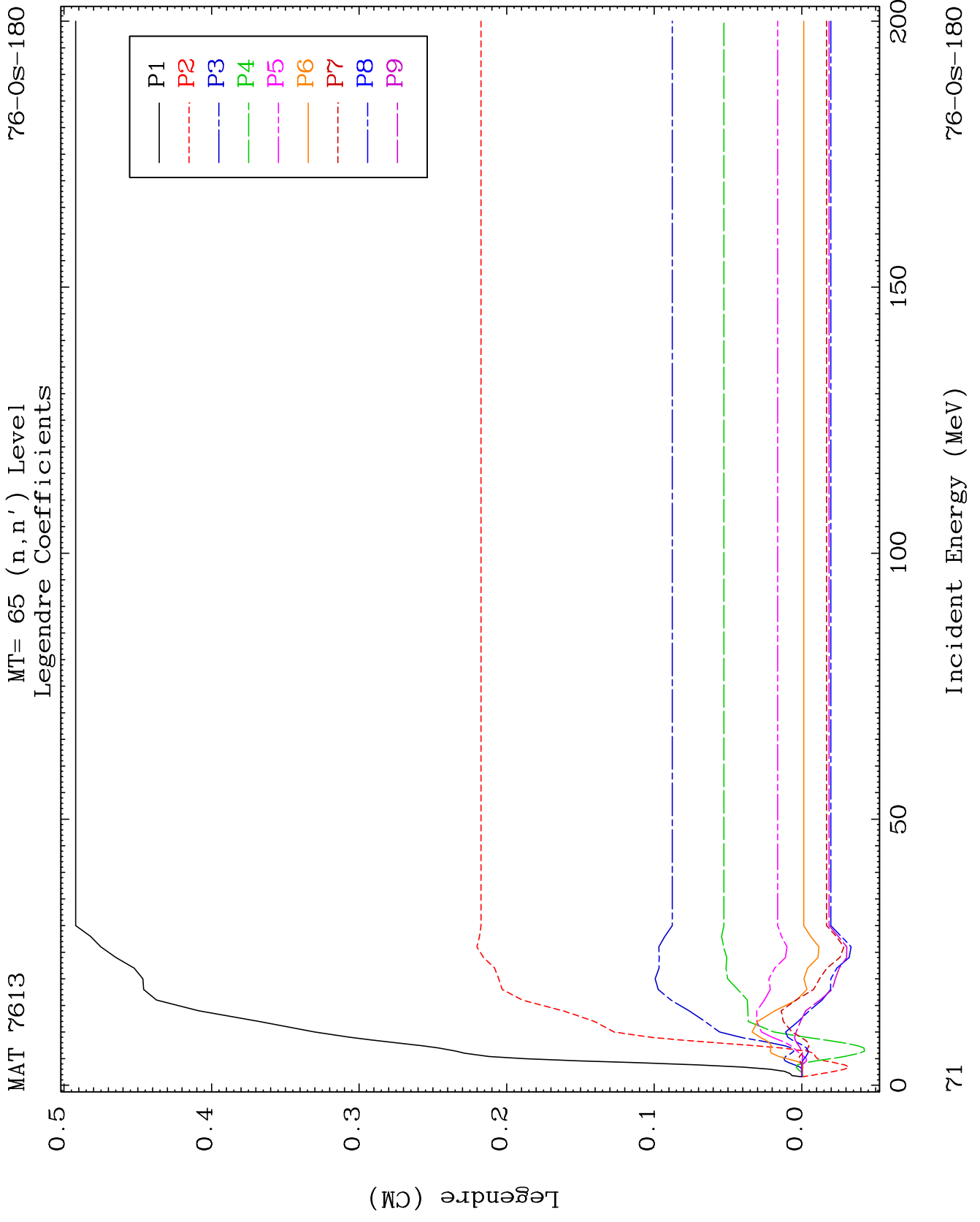
MAT 7613

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

76-Os-180



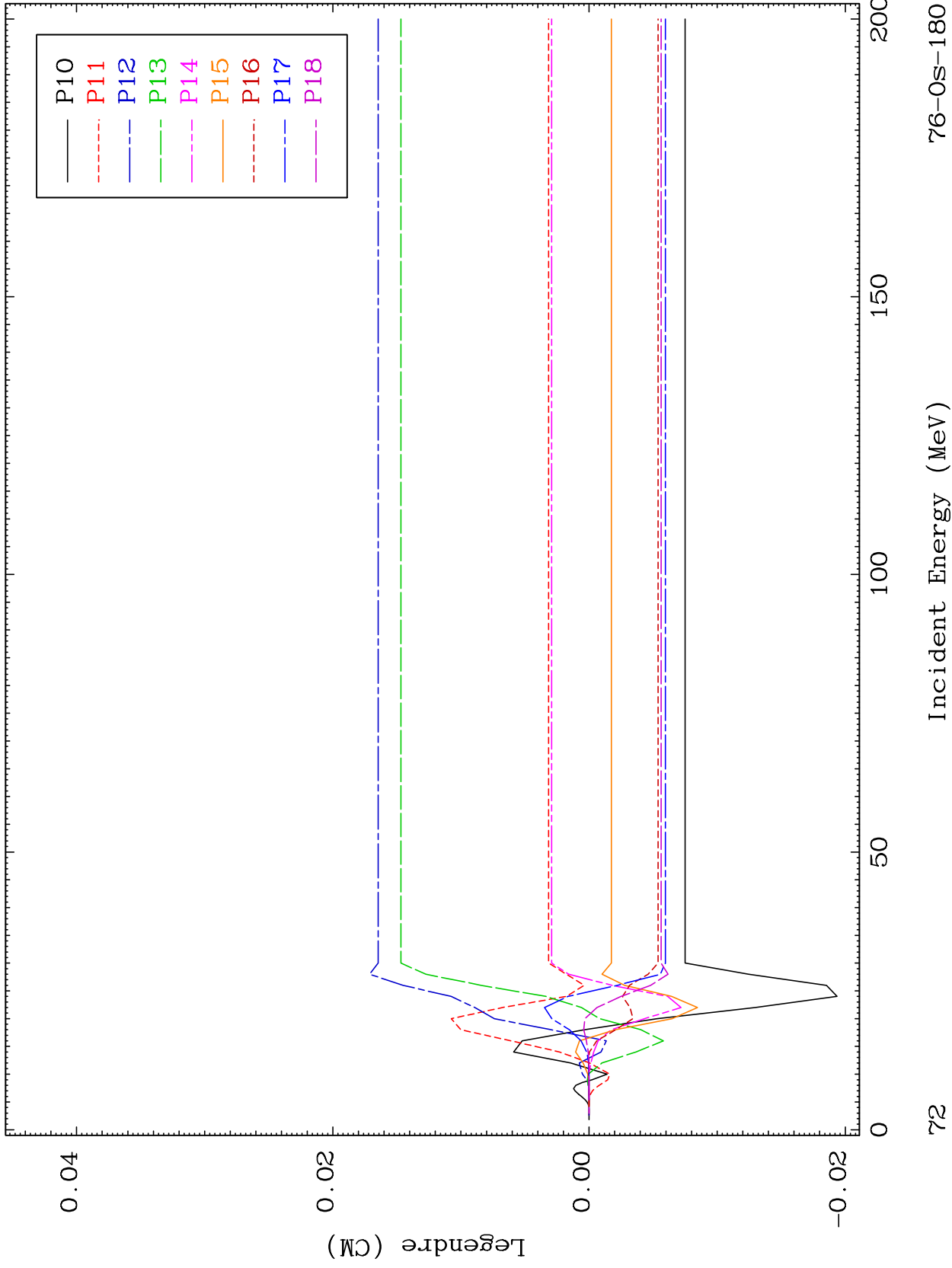




MAT 7613

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

76-Os-180



72

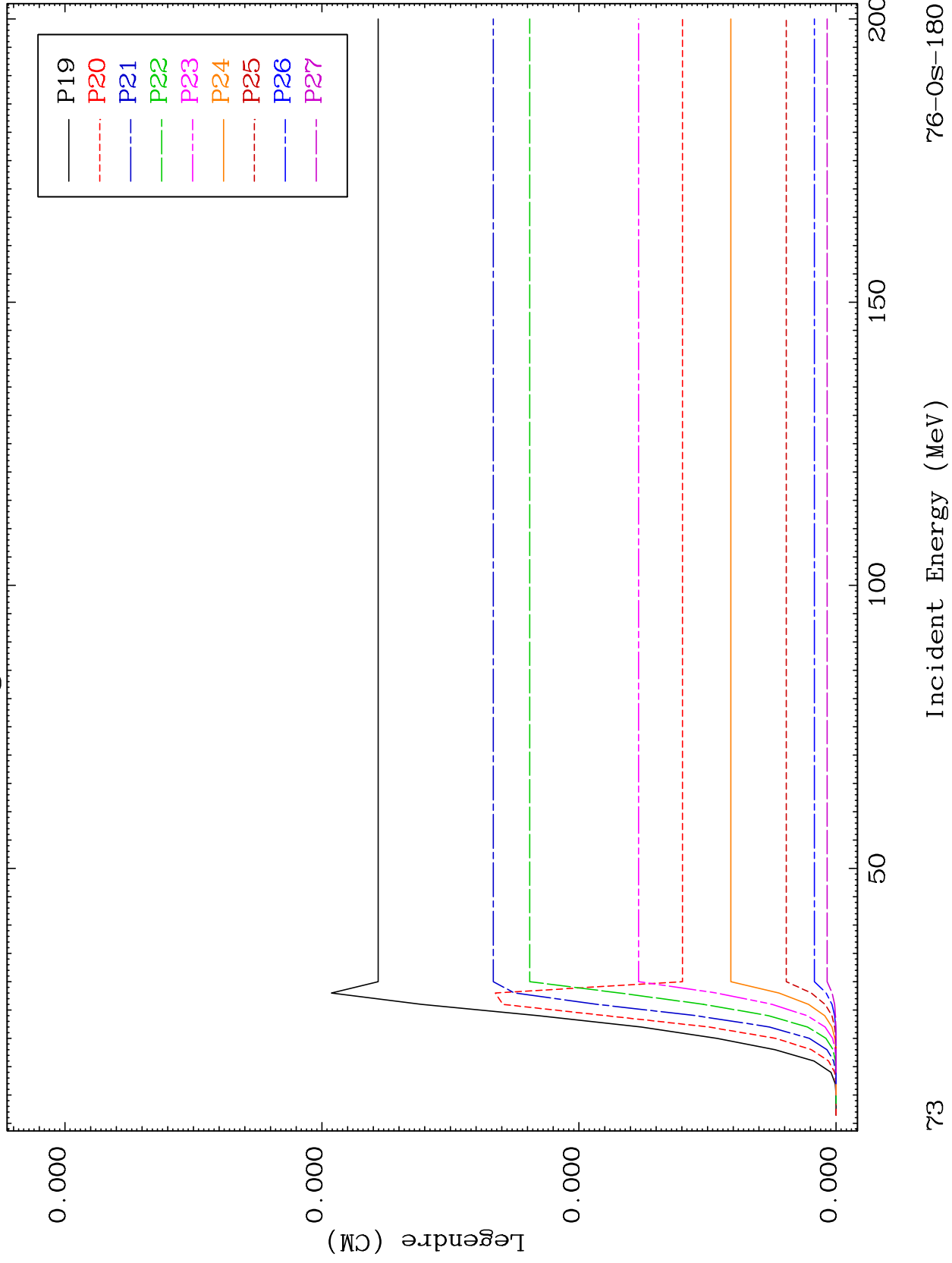
Incident Energy (MeV)

76-Os-180

MAT 7613

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

76-Os-180



73

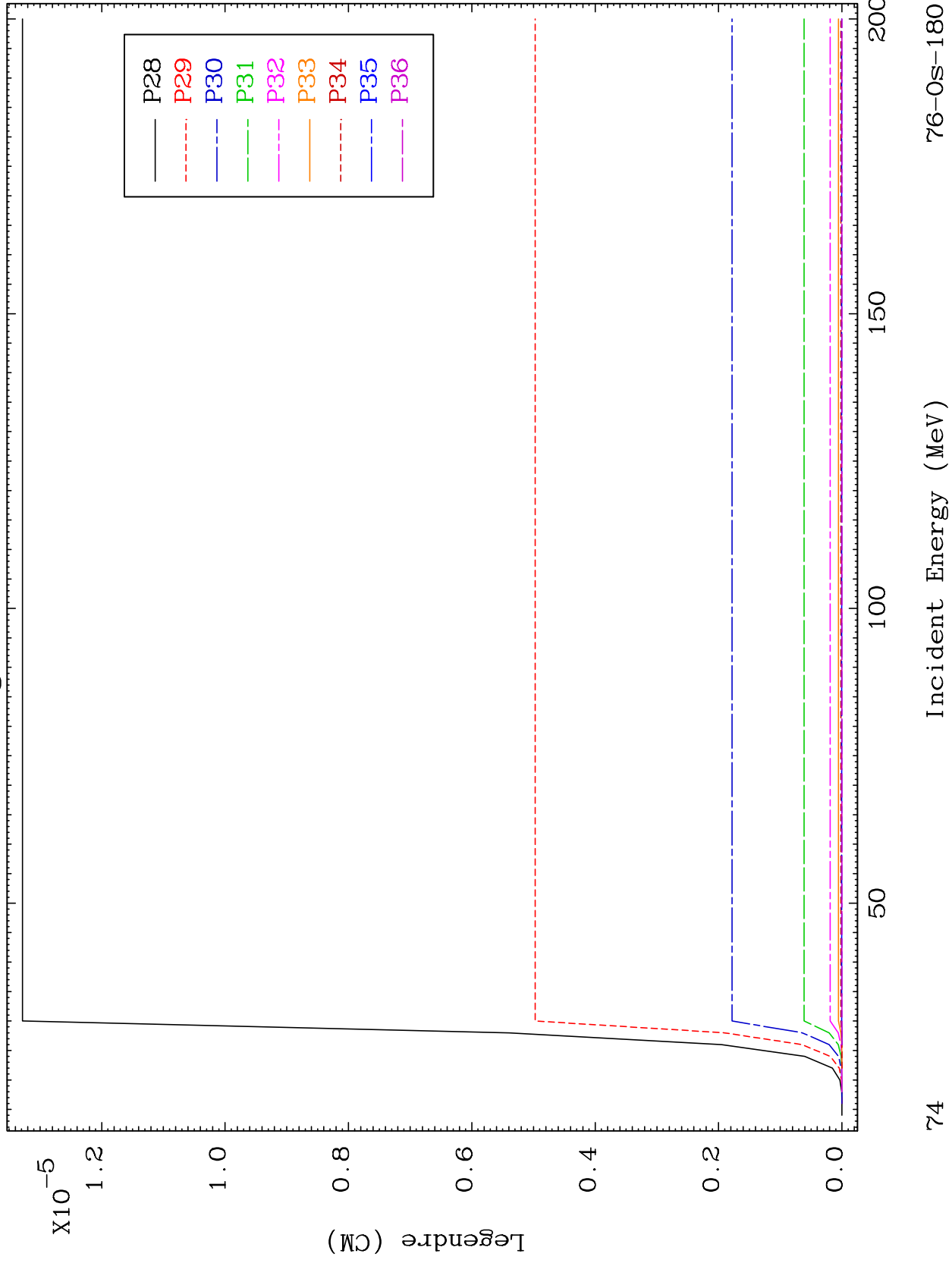
Incident Energy (MeV)

76-Os-180

MAT 7613

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

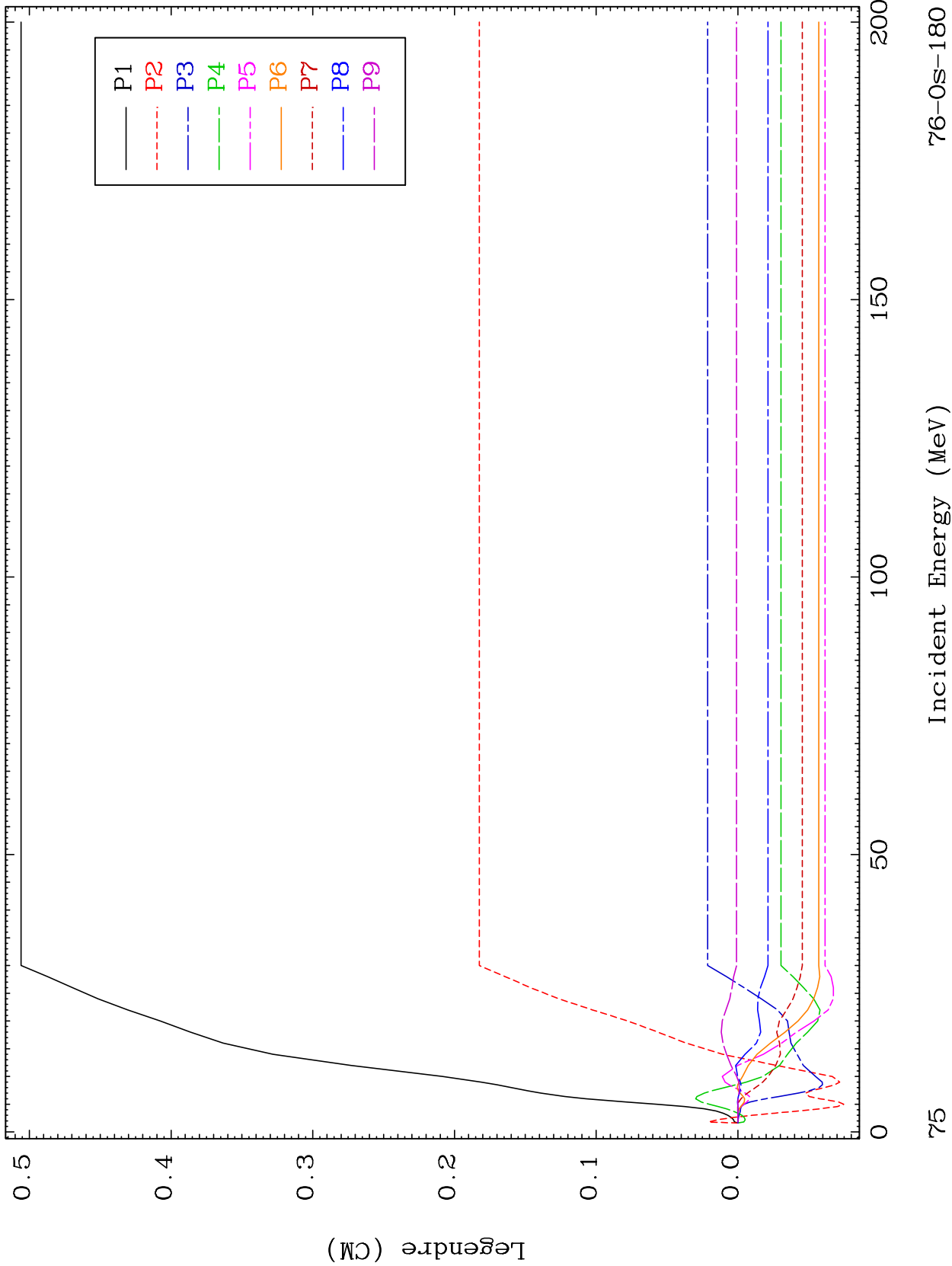
76-Os-180



MAT 7613

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

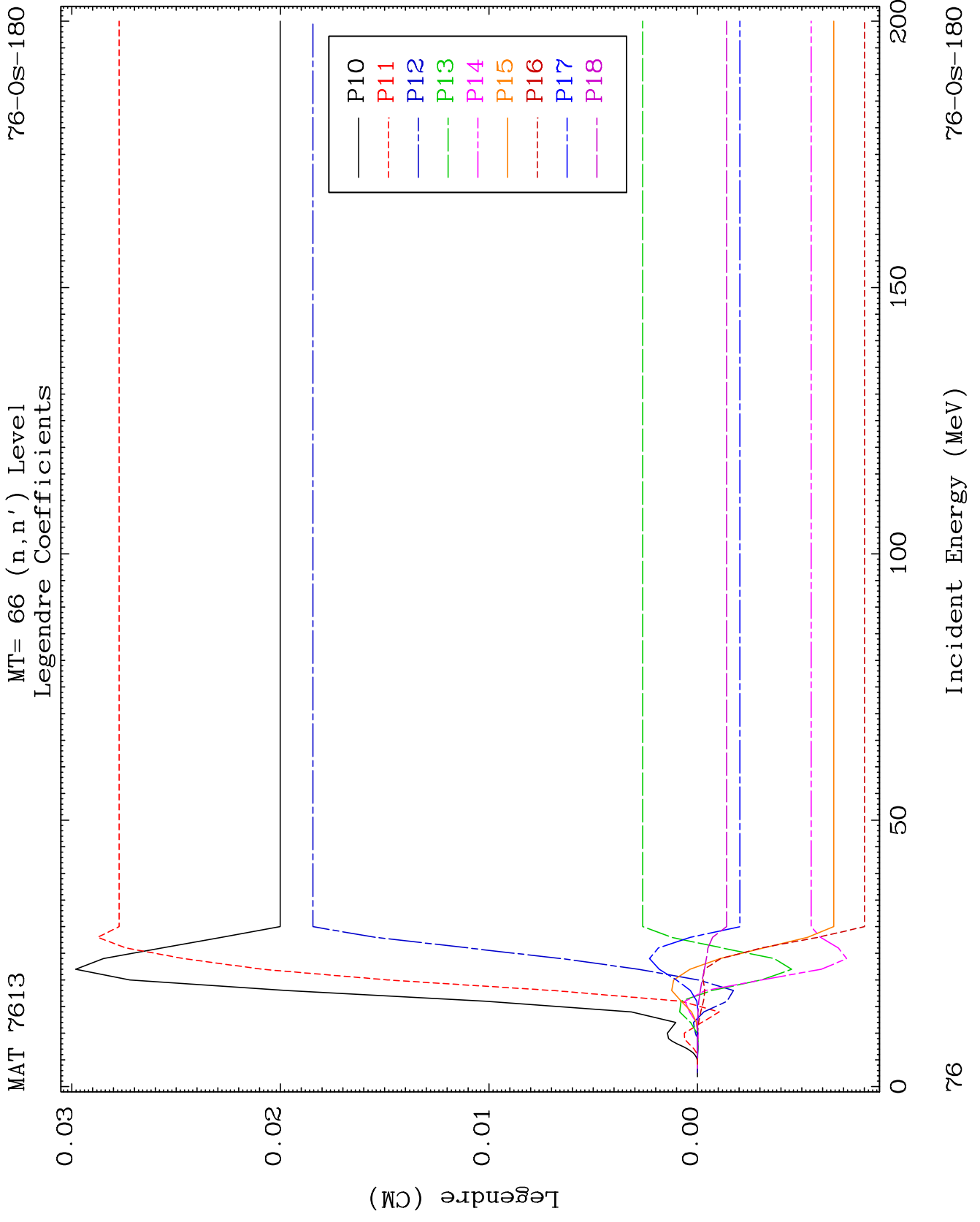
76-Os-180



76-Os-180

Incident Energy (MeV)

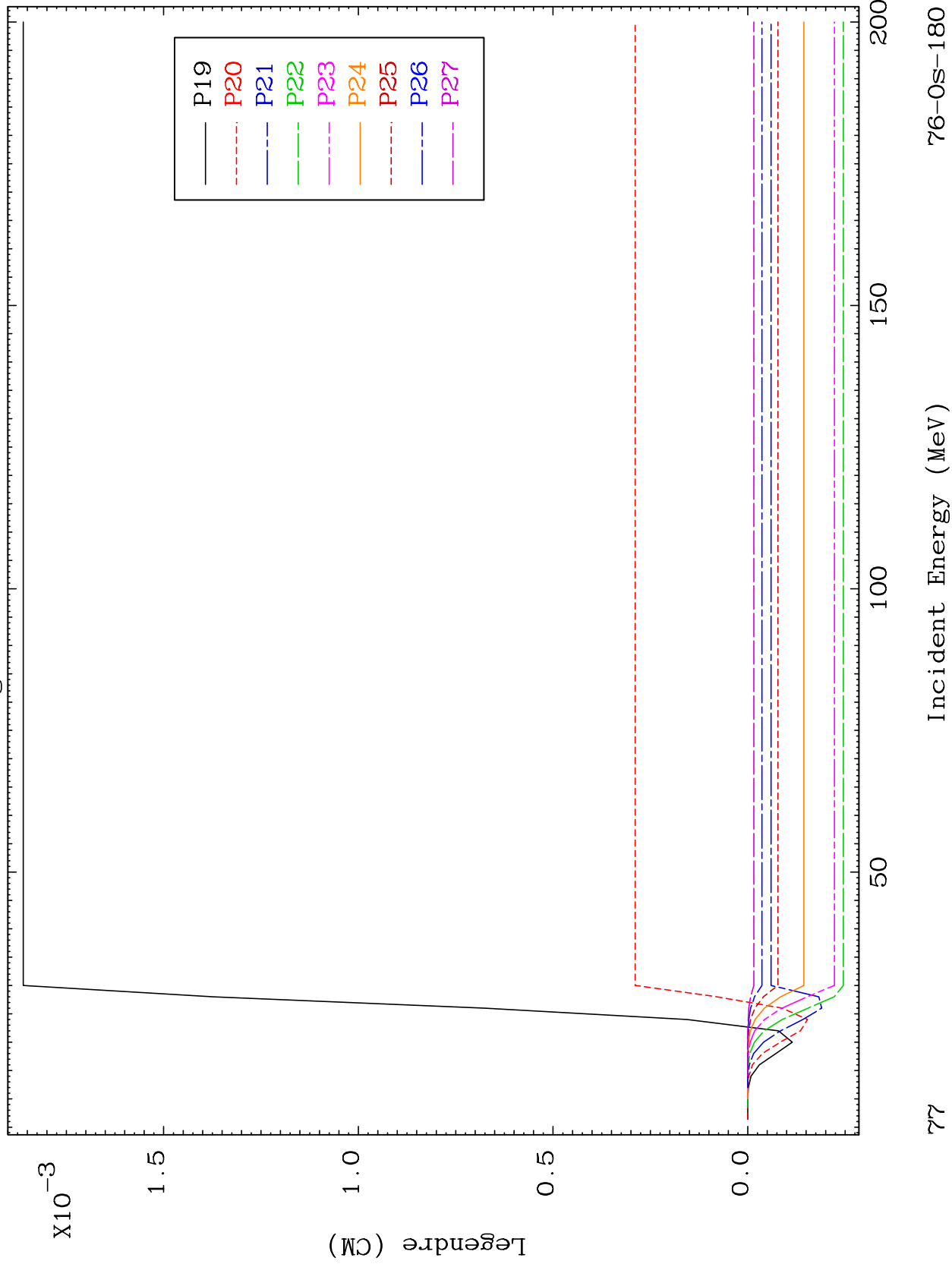
75

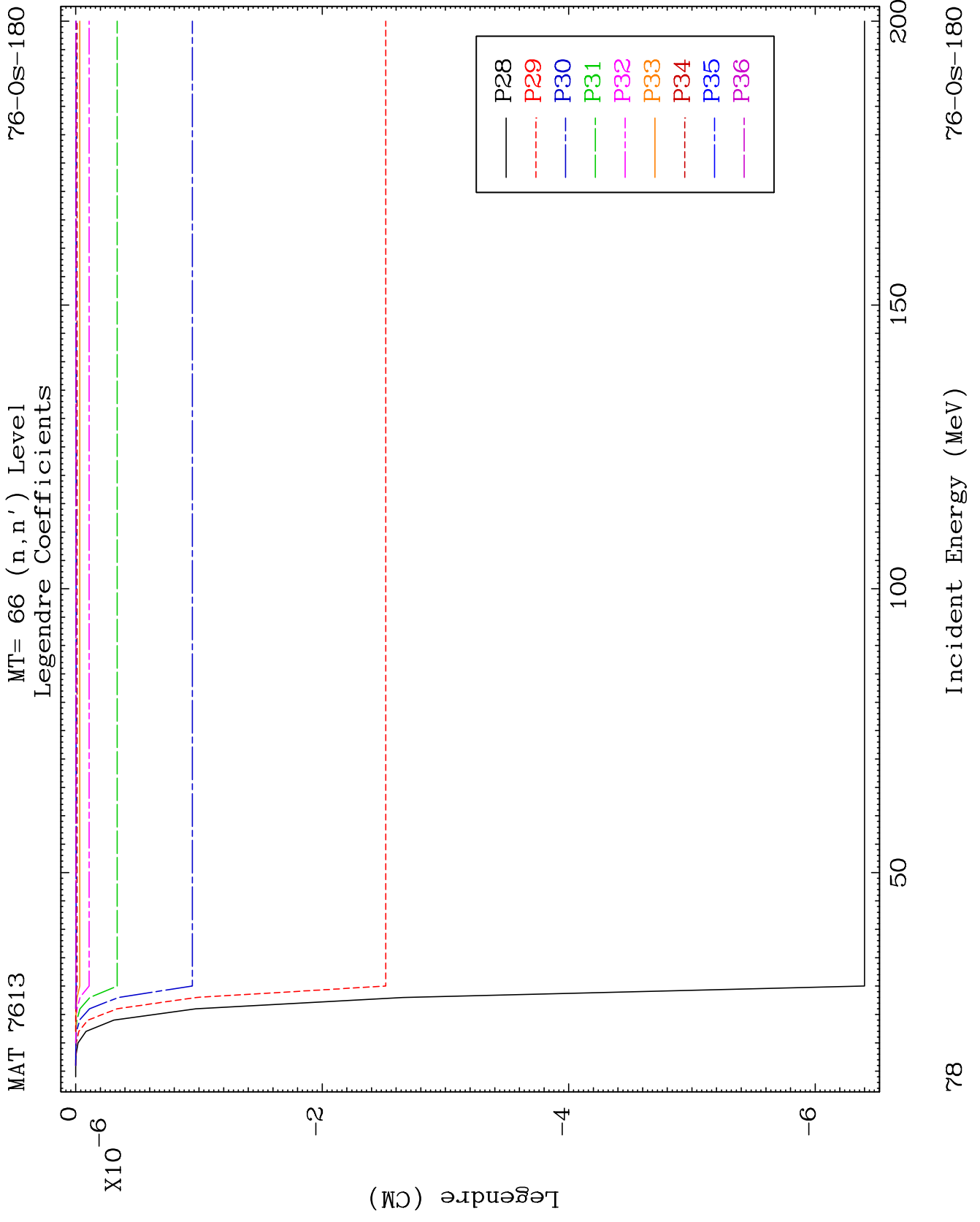


MAT 7613

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

76-Os-180



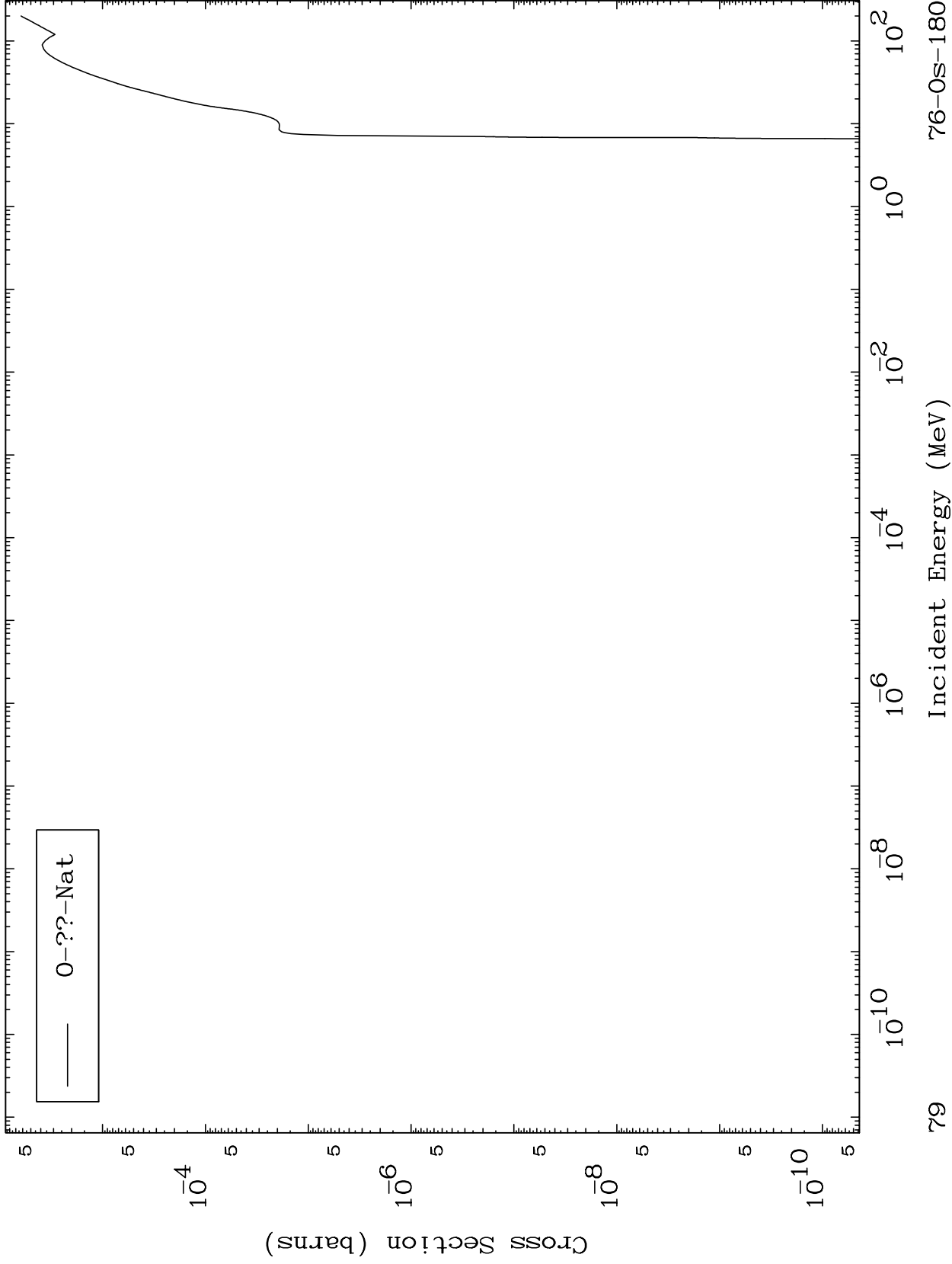


MAT 7613

Fission

76-Os-180

Radionuclide Production Cross Section



79

Incident Energy (MeV)

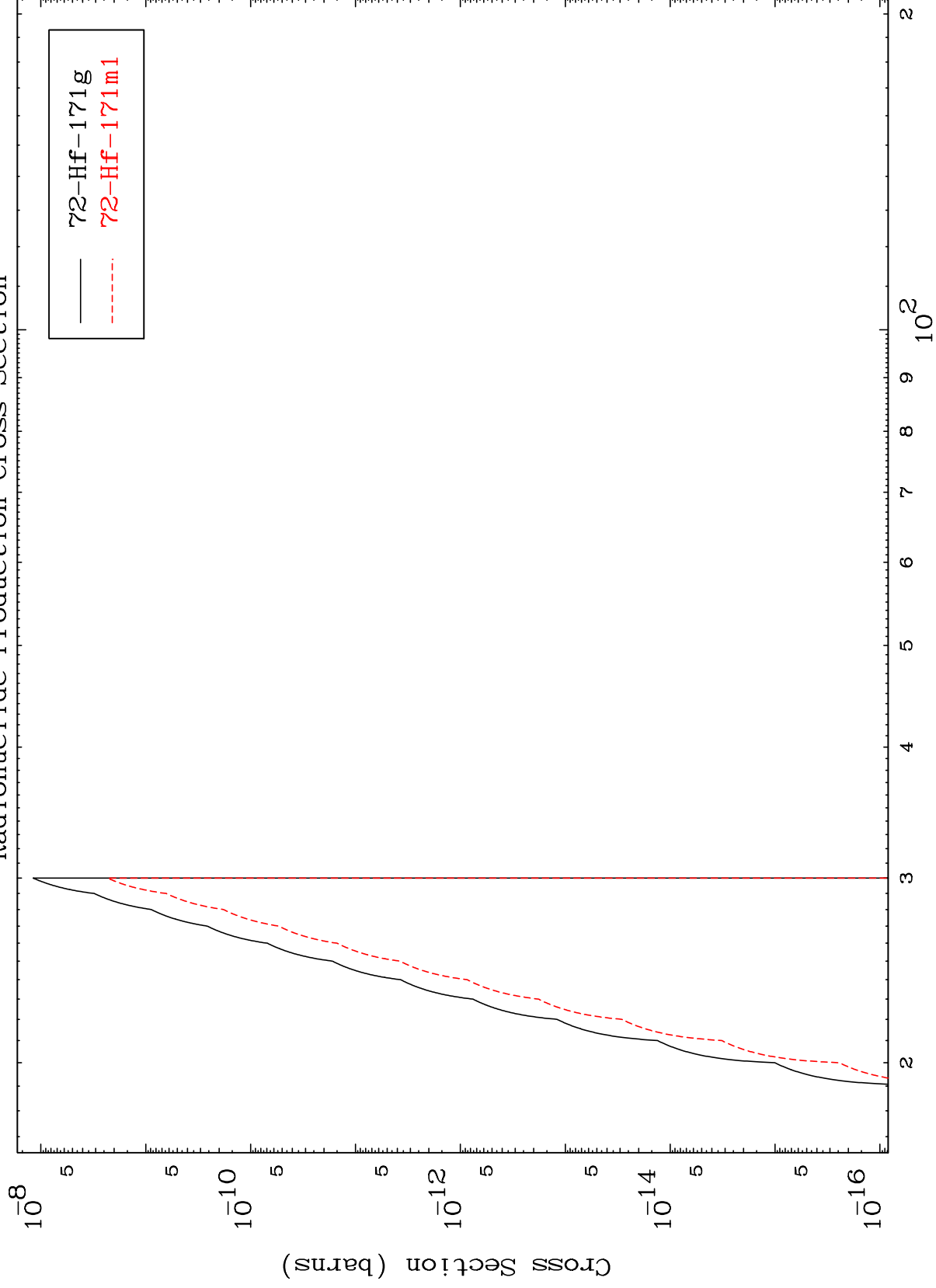
76-Os-180

MAT 7613

(n,2n) 2 α

76-Os-180

Radionuclide Production Cross Section



80

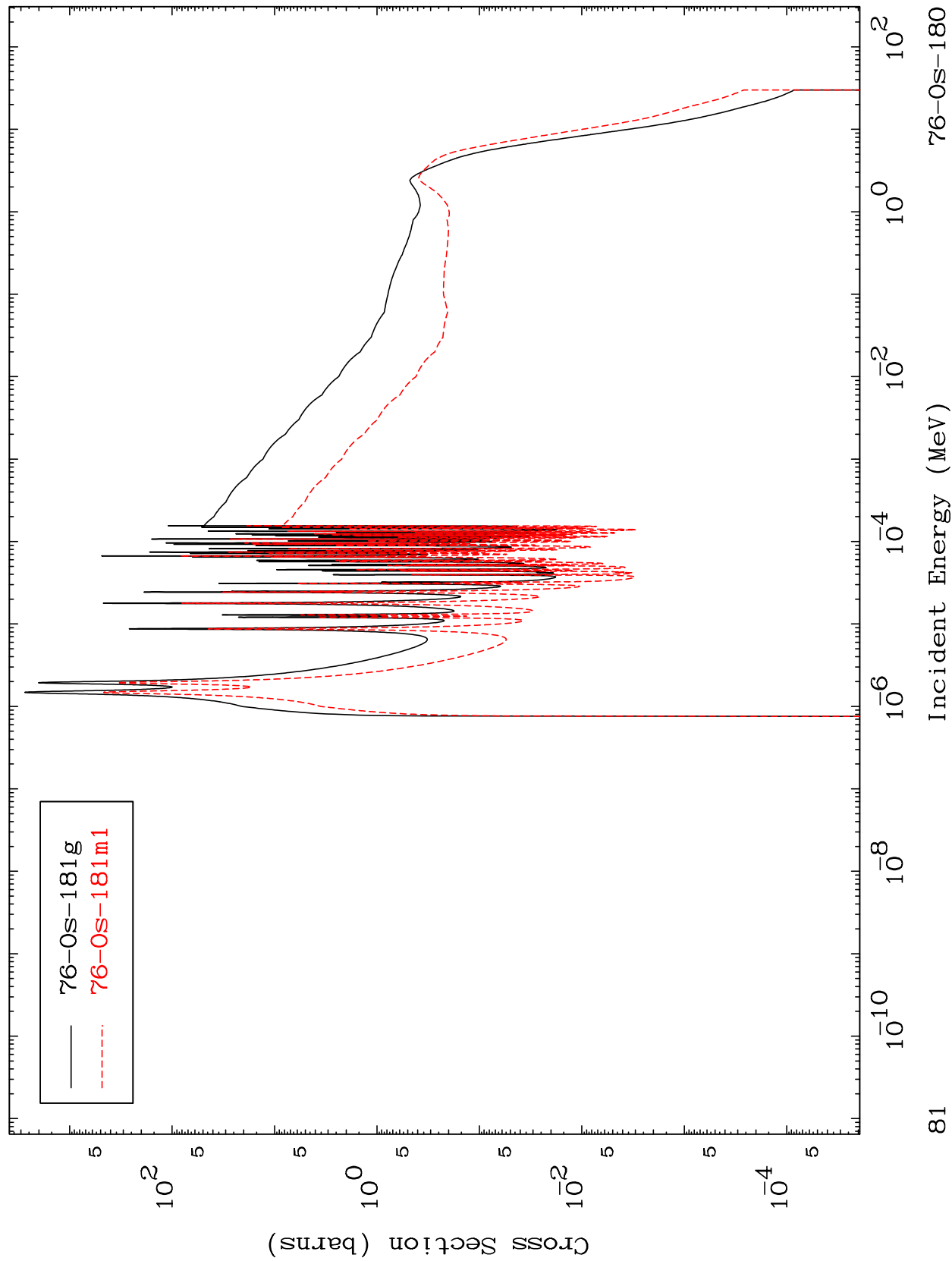
Incident Energy (MeV)

76-Os-180

MAT 7613

76-Os-180

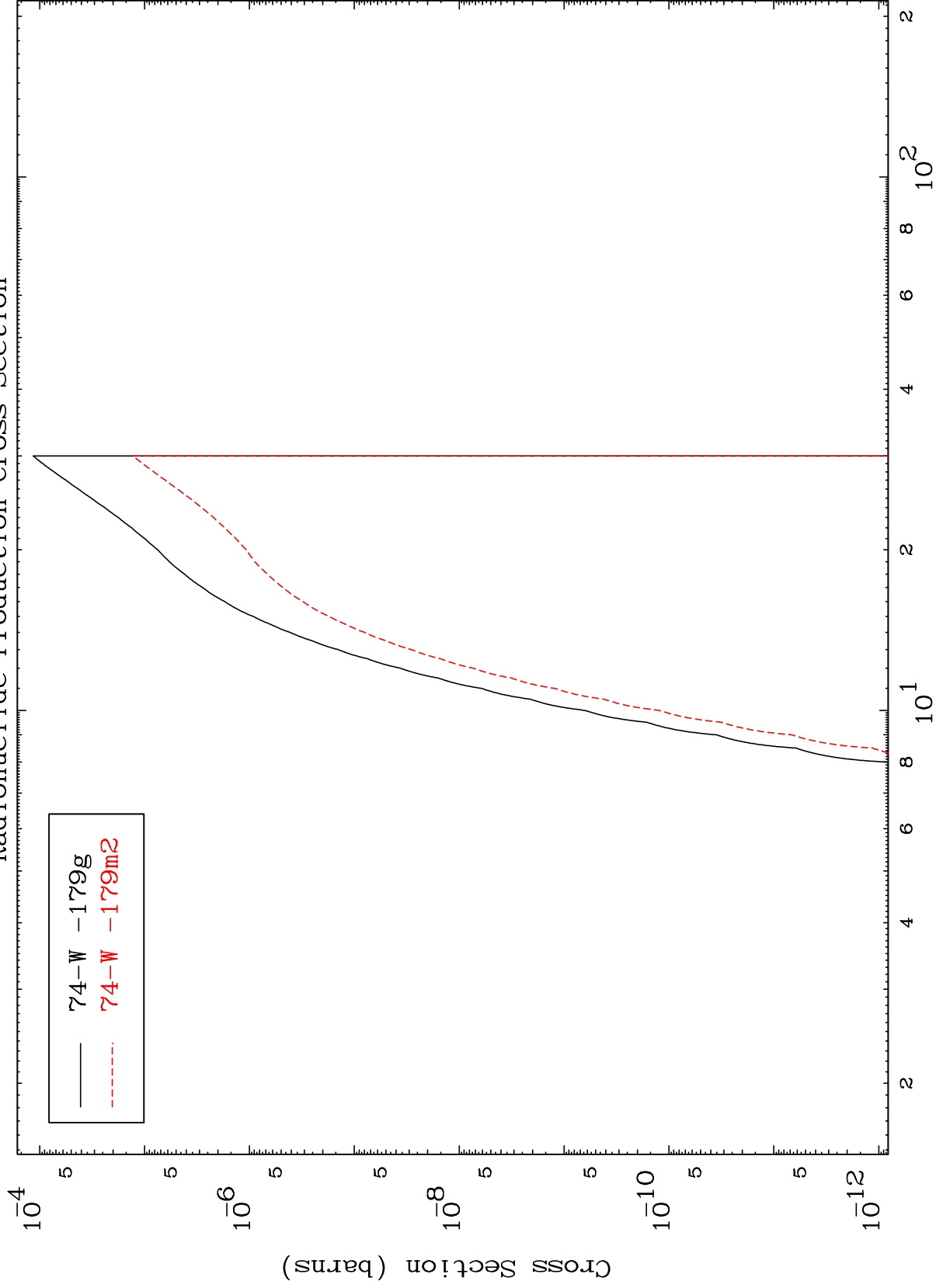
(n, γ)
Radionuclide Production Cross Section



MAT 7613

76-Os-180

(n,2p)
Radionuclide Production Cross Section



82

76-Os-180

Incident Energy (MeV)