

Program EVALPLOT
(Version 2021-1)

by

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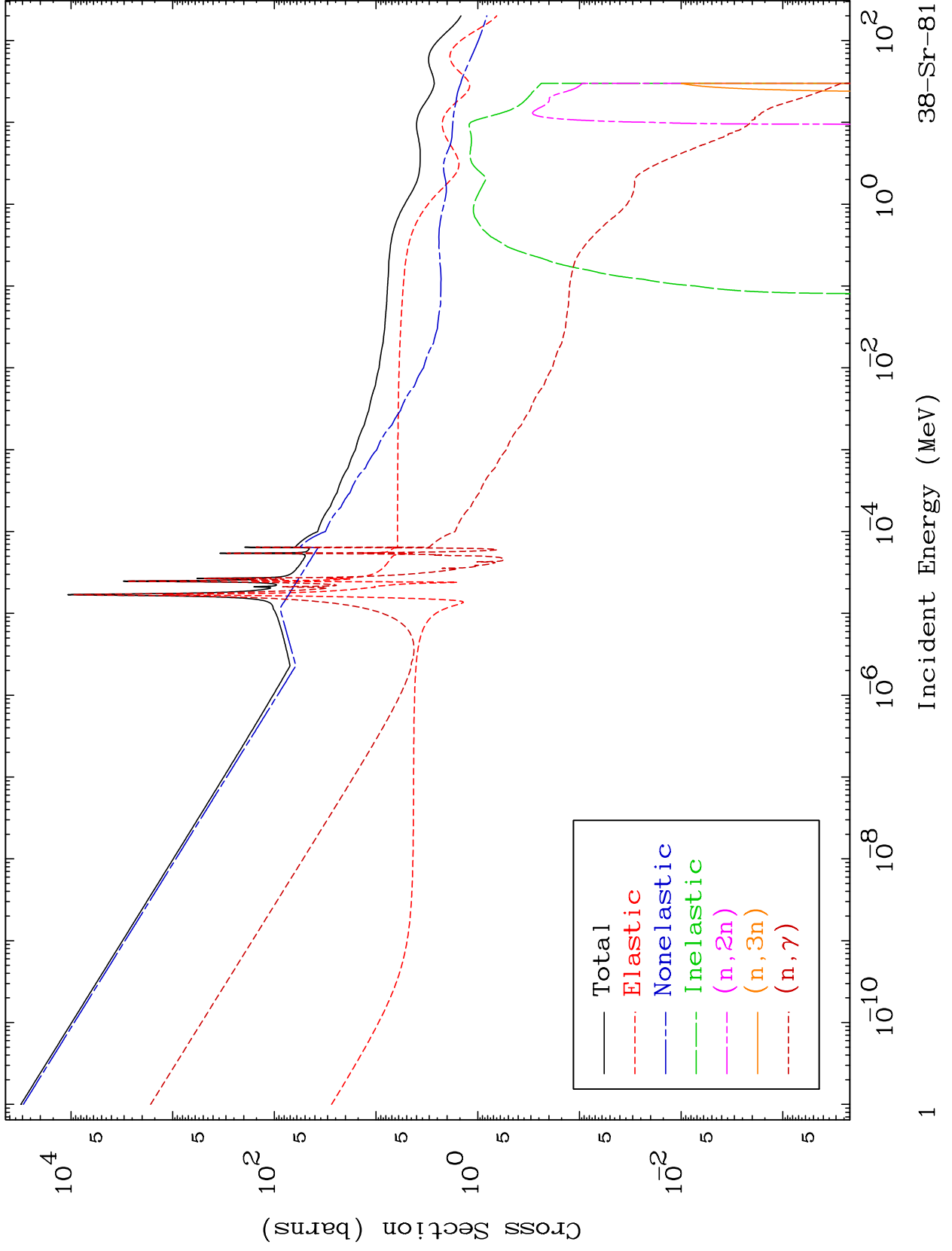
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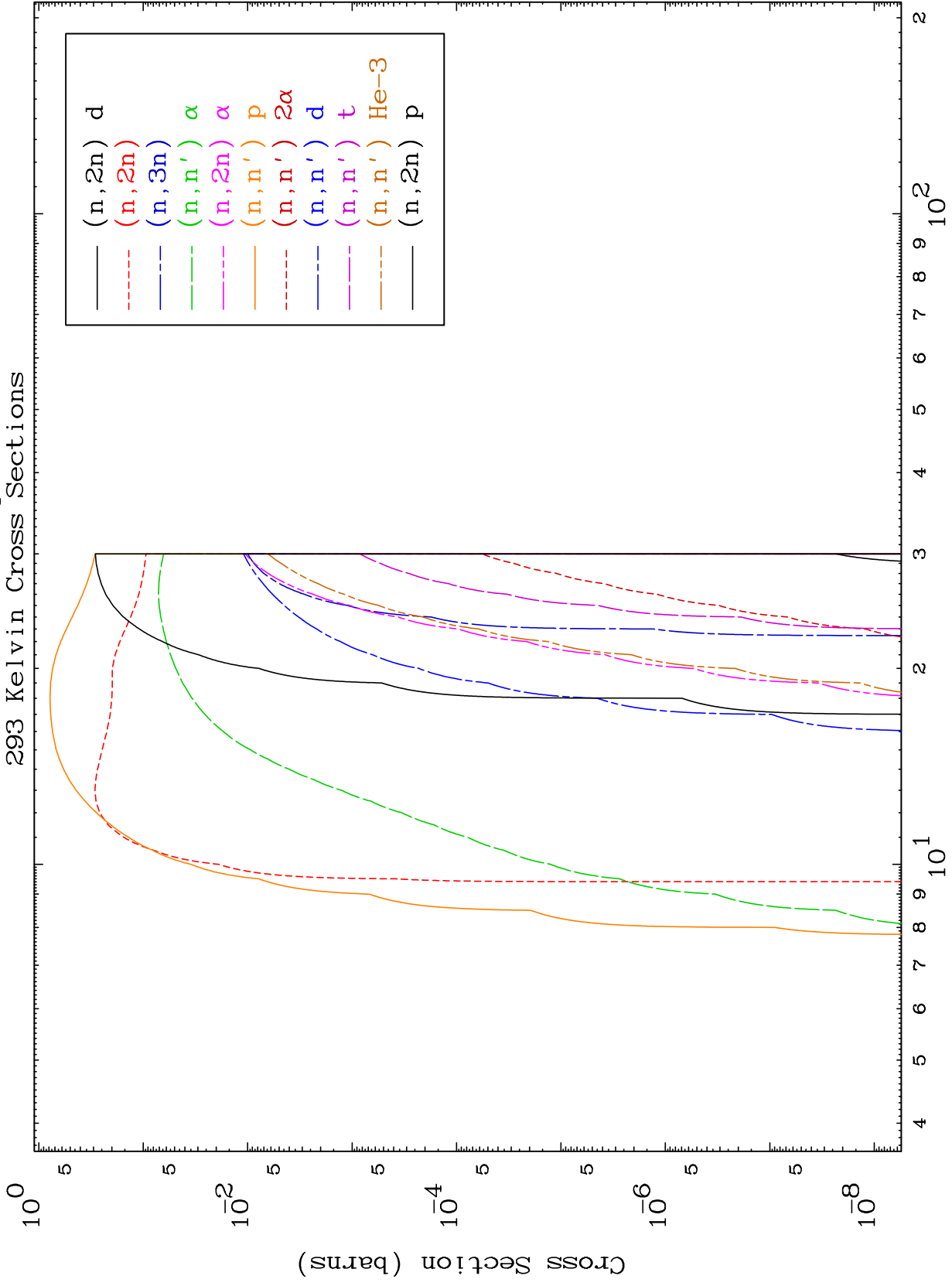
Press Mouse Button to Start

MAT 3816

Neutron Major
293 Kelvin Cross Sections

38-Sr-81

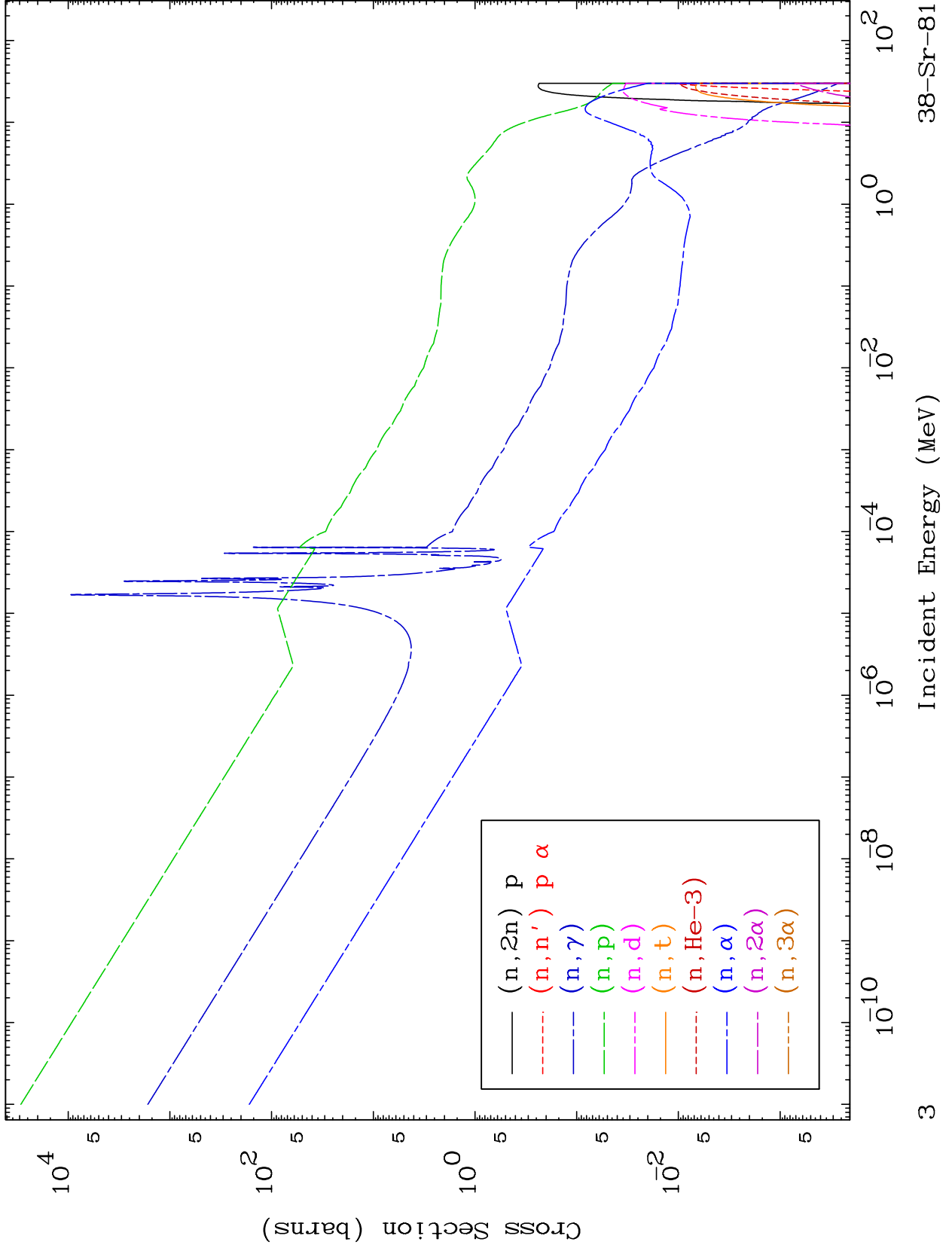




MAT 3816

Neutron Absorption
293 Kelvin Cross Sections

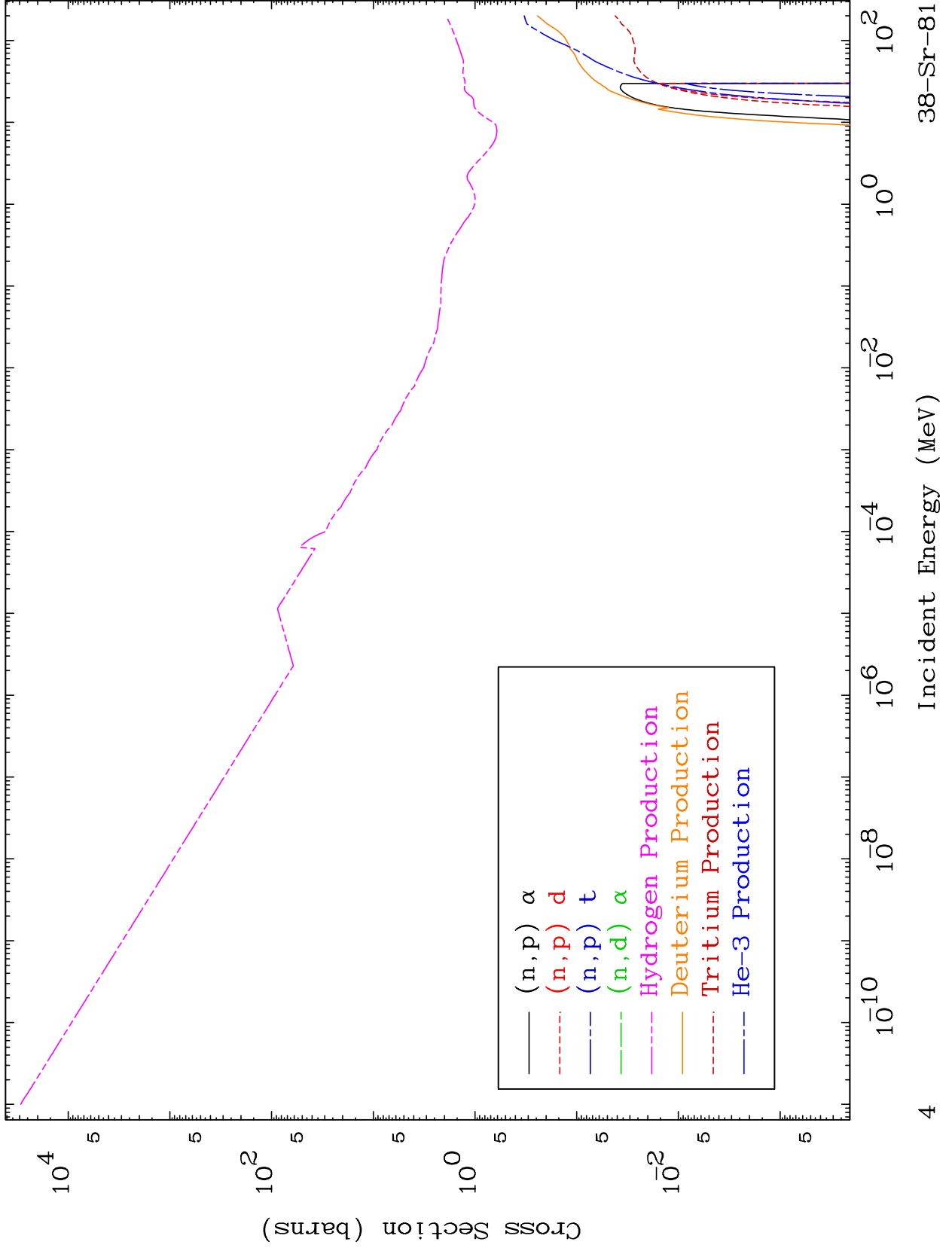
38-Sr-81



MAT 3816

Neutron Absorption
293 Kelvin Cross Sections

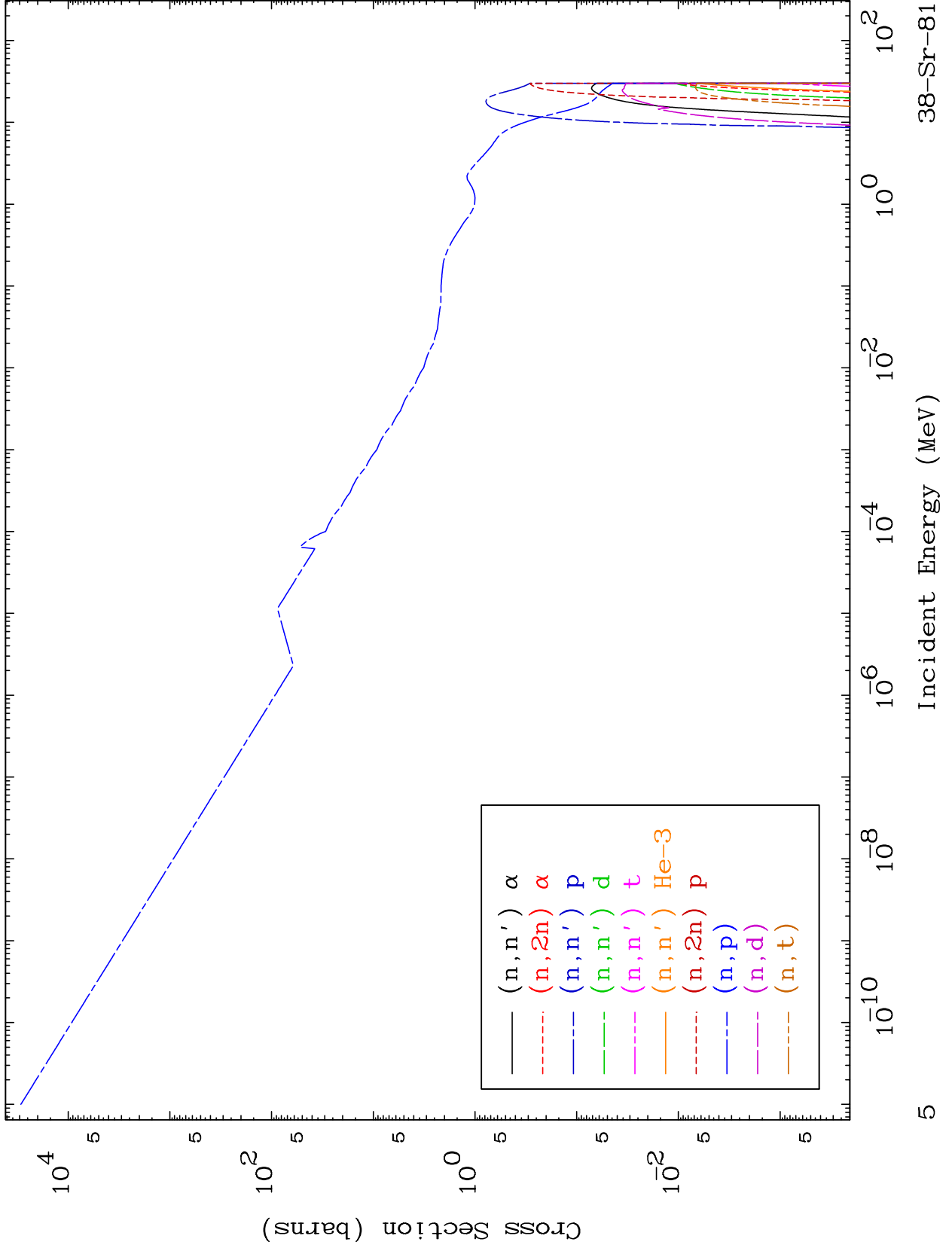
38-Sr-81



MAT 3816

Charged Particle
293 Kelvin Cross Sections

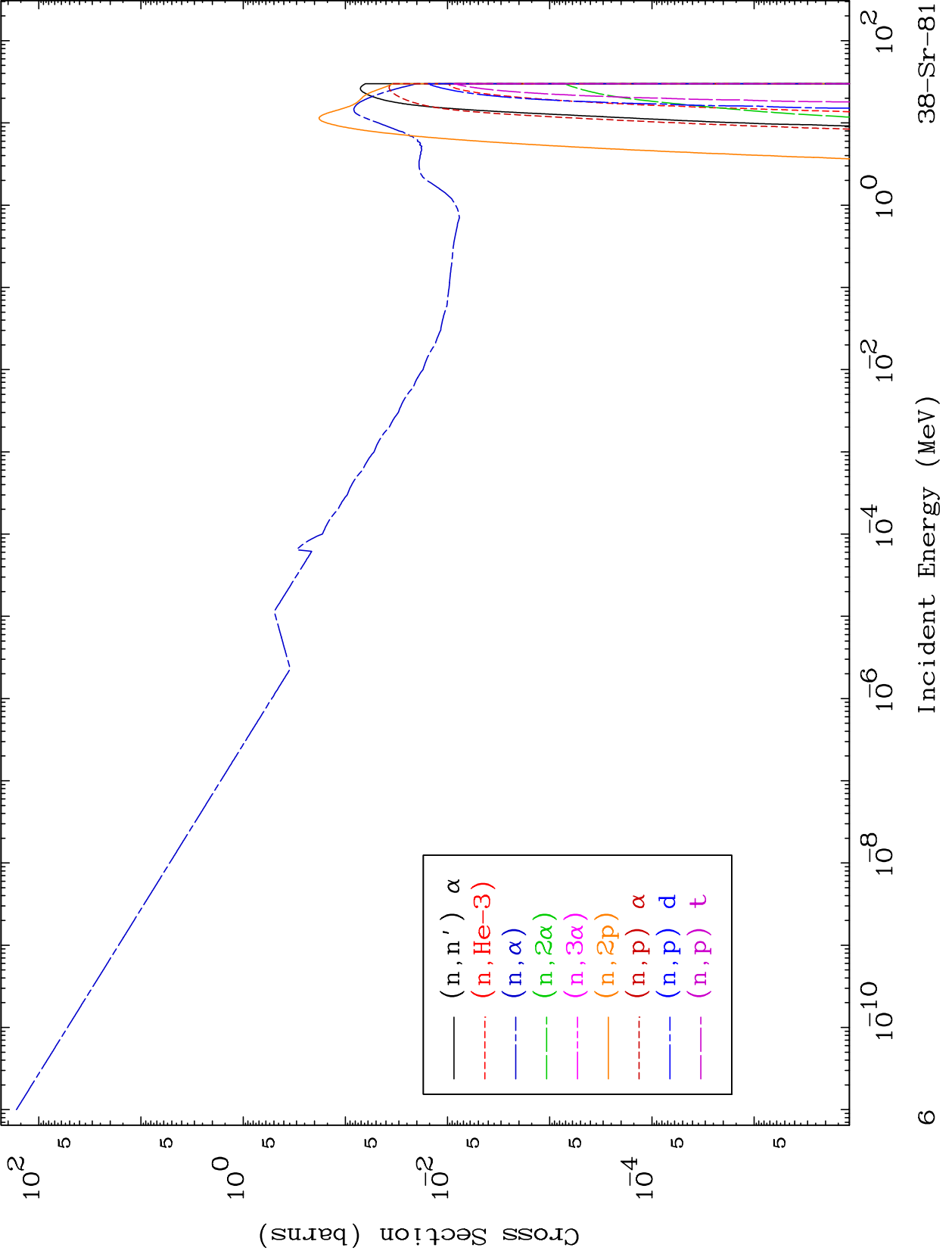
38-Sr-81



MAT 3816

Charged Particle
293 Kelvin Cross Sections

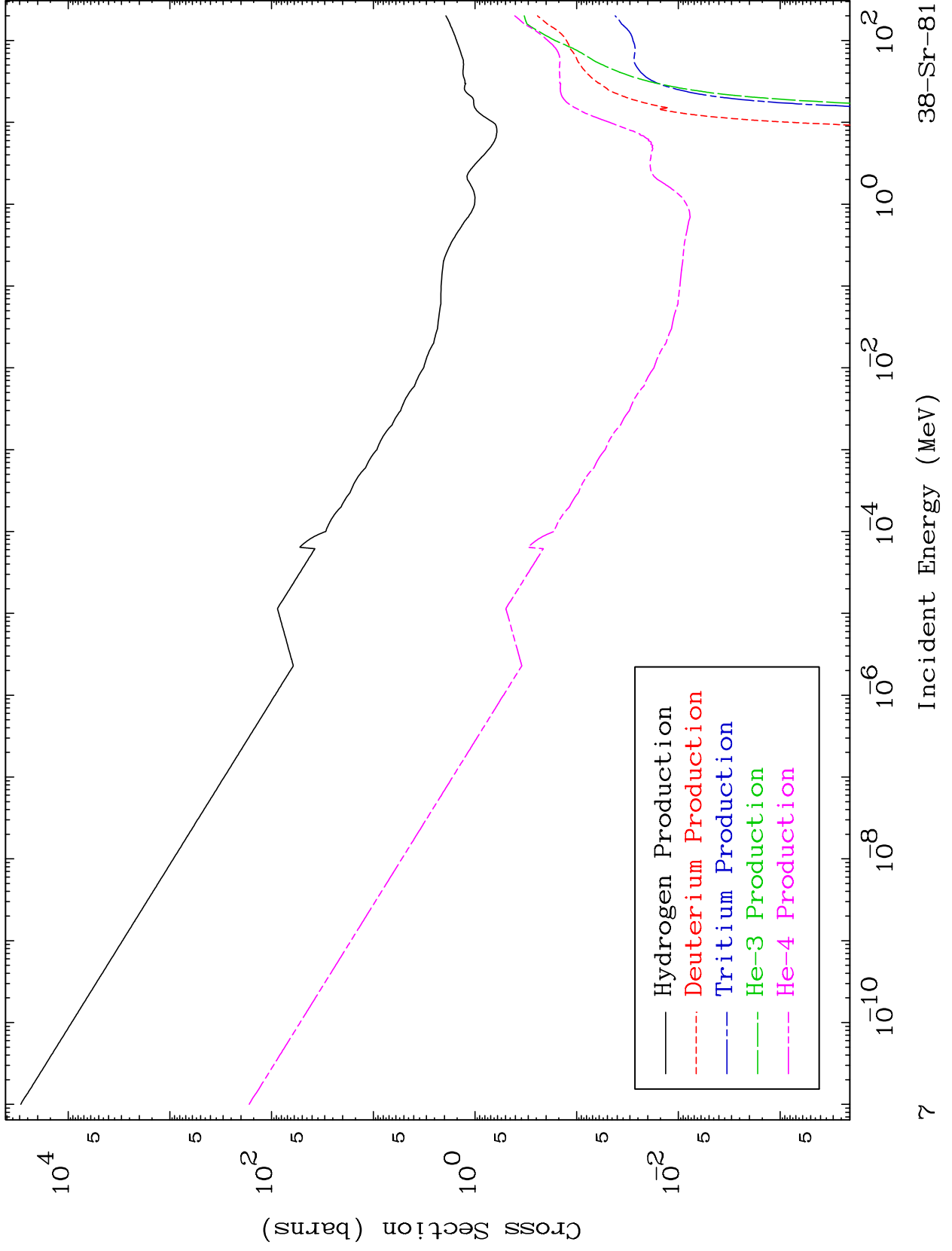
38-Sr-81



MAT 3816

Particle Production
293 Kelvin Cross Sections

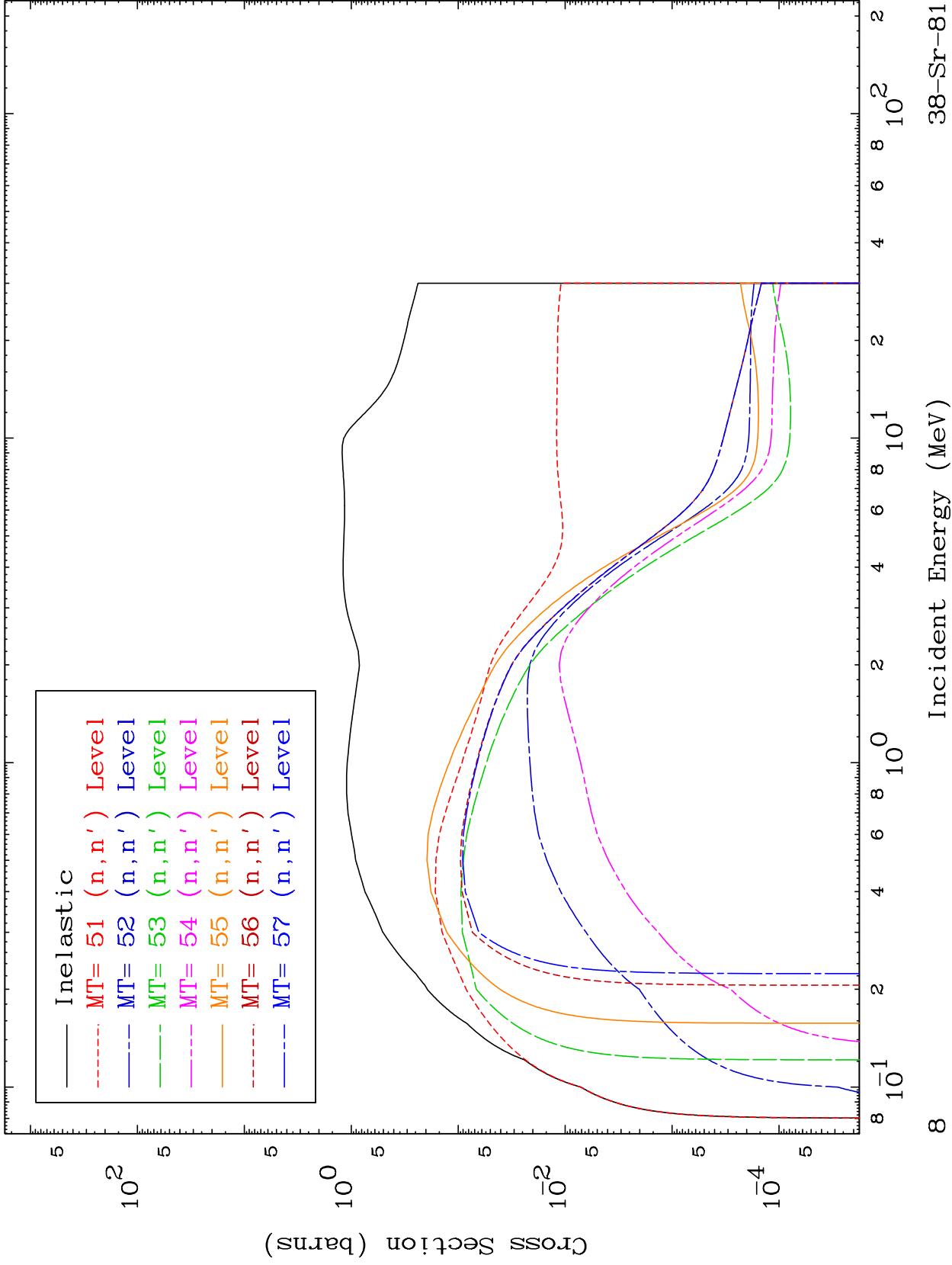
38-Sr-81



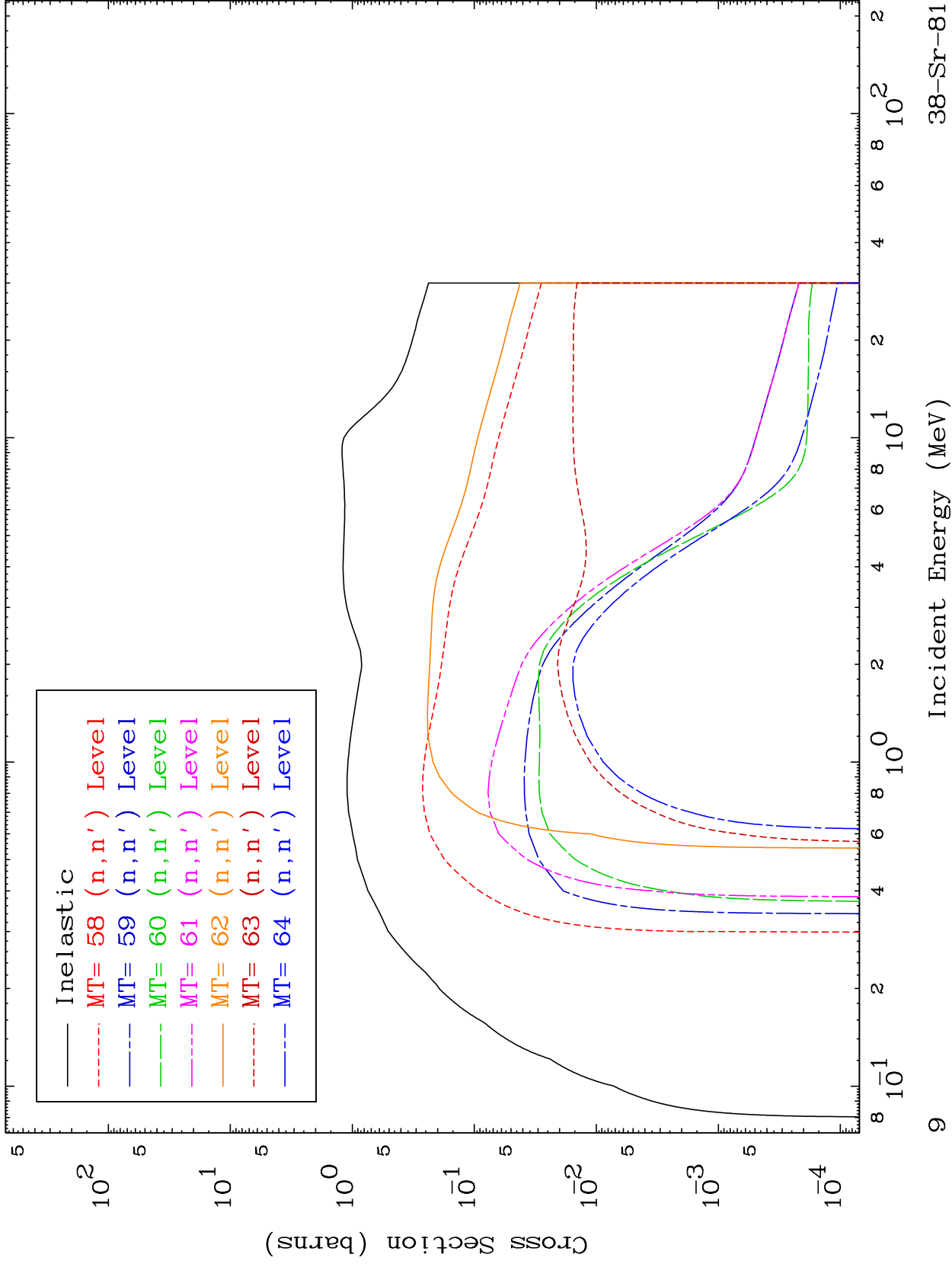
MAT 3816

(n,n') Levels
293 Kelvin Cross Sections

38-Sr-81



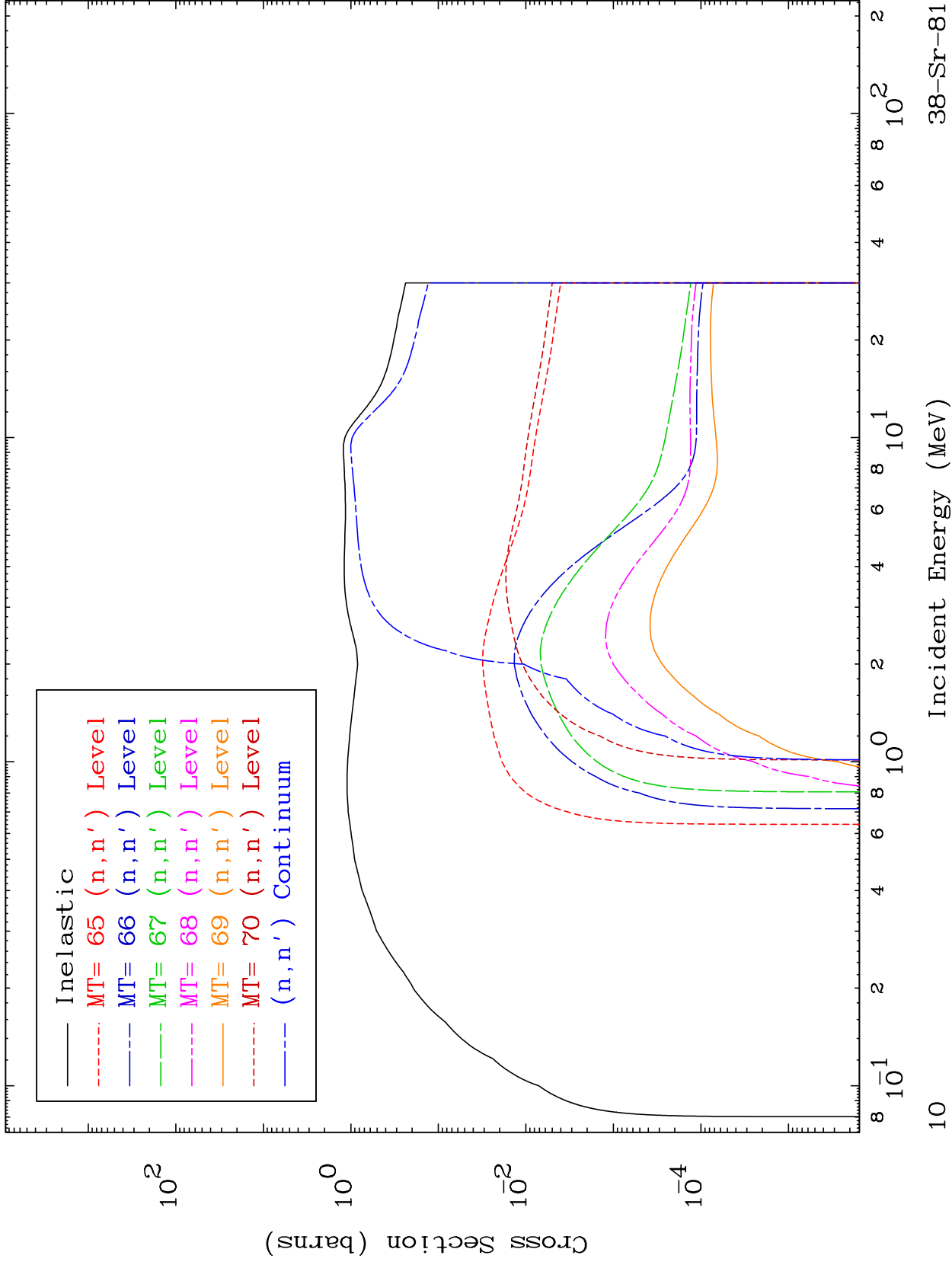
8



MAT 3816

(n,n') Levels
293 Kelvin Cross Sections

38-Sr-81

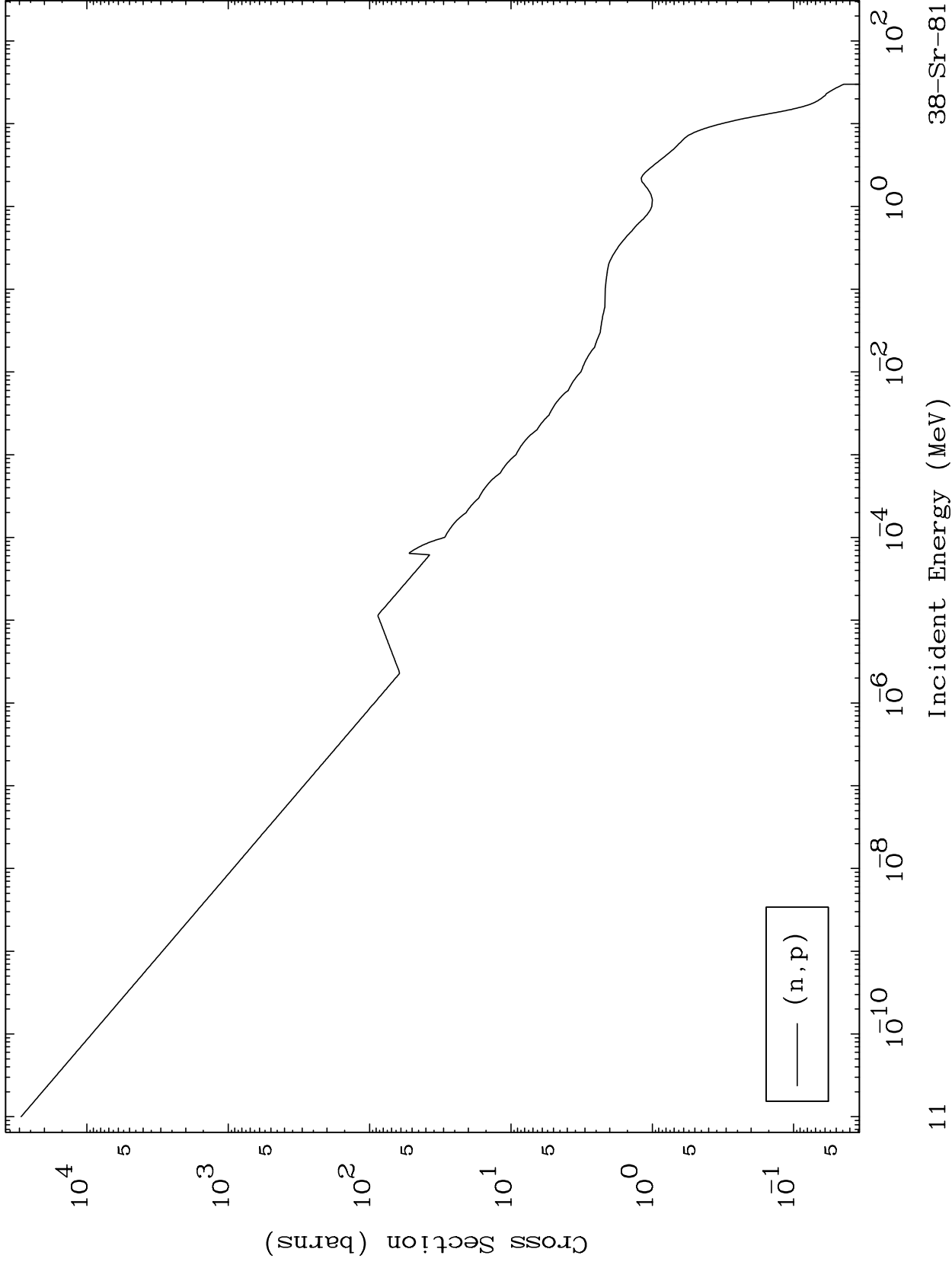


38-Sr-81

MAT 3816

(n,p) Levels
293 Kelvin Cross Sections

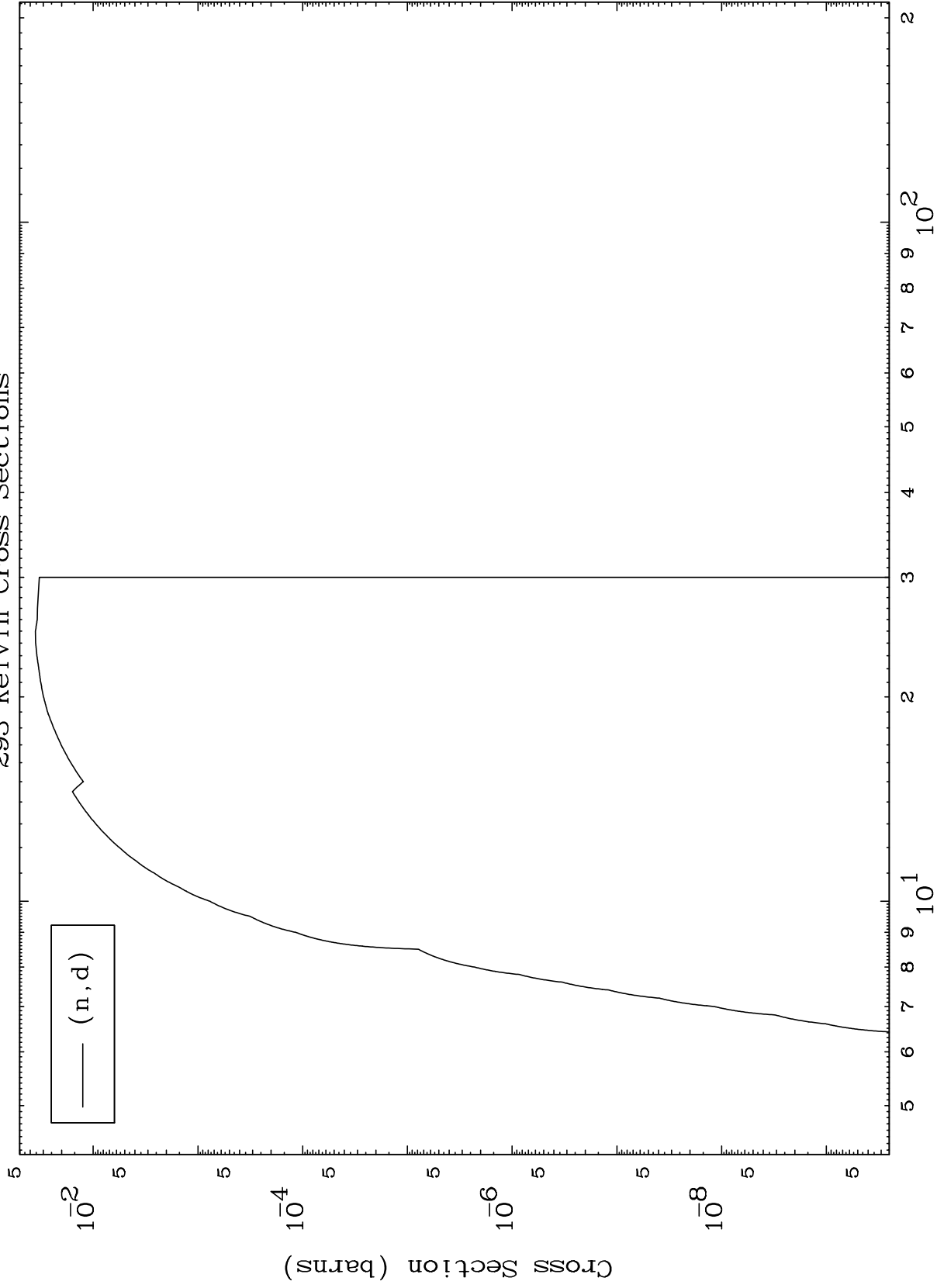
38-Sr-81



MAT 3816

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-81



12

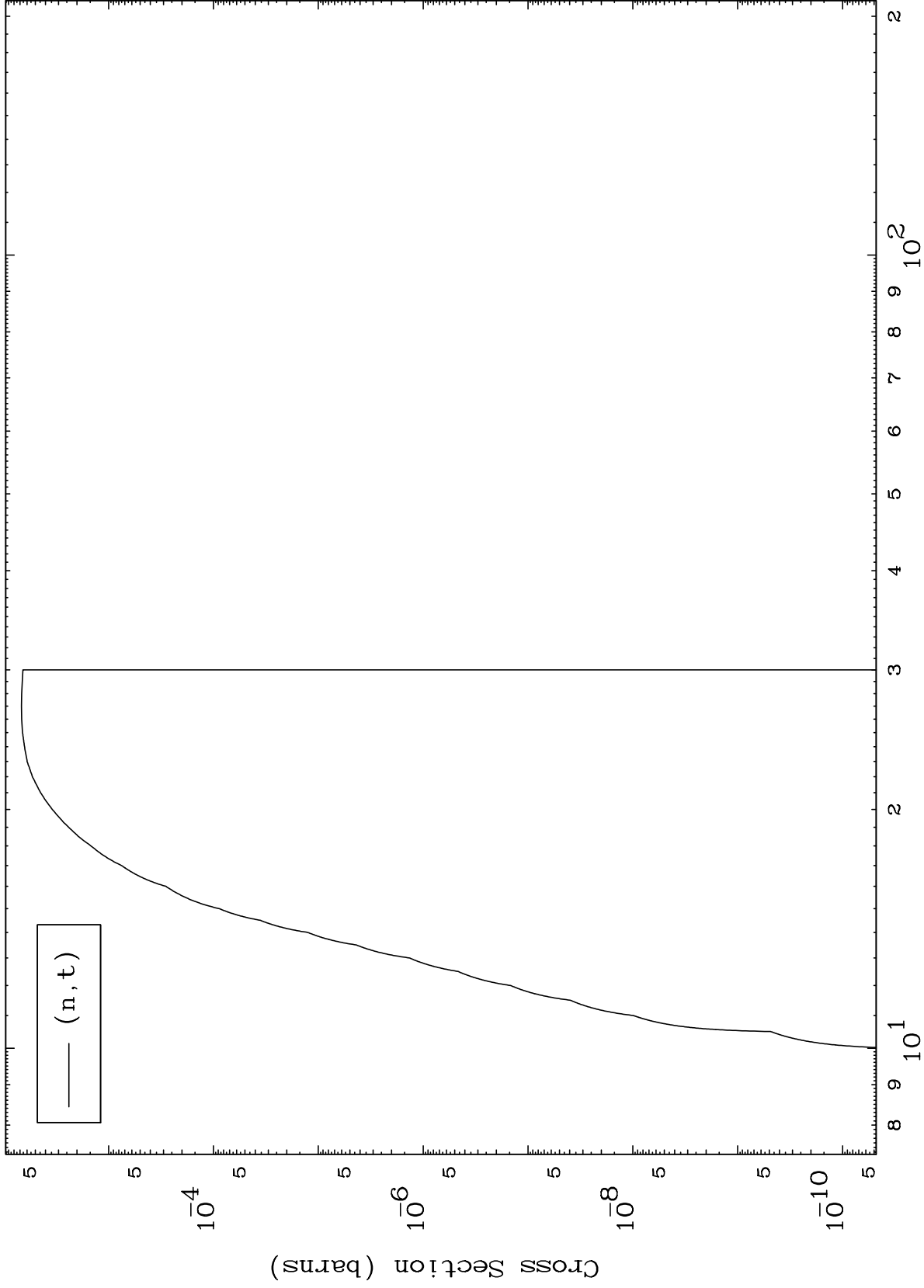
Incident Energy (MeV)

38-Sr-81

MAT 3816

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-81



13

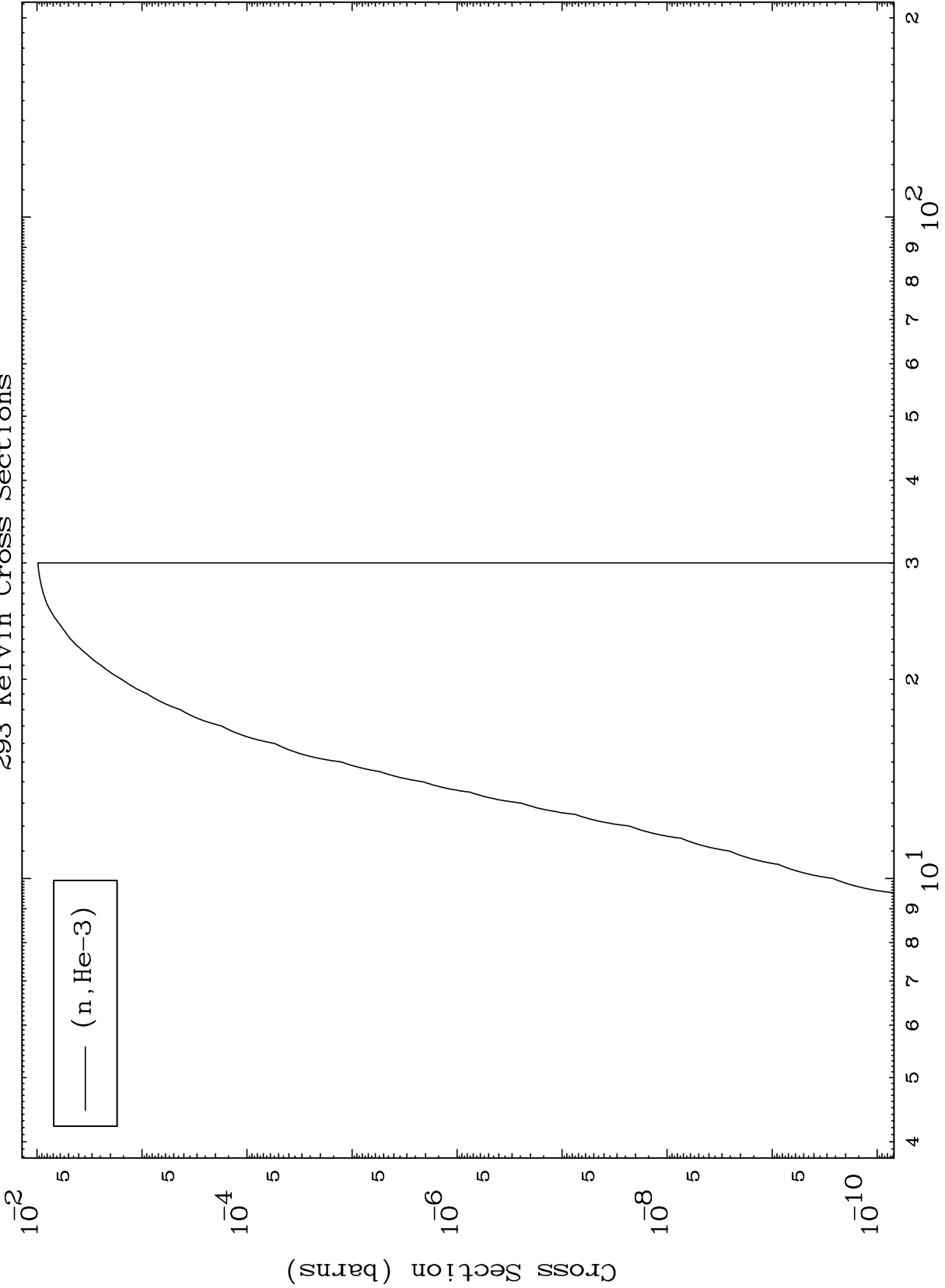
Incident Energy (MeV)

38-Sr-81

MAT 3816

38-Sr-81

(n,He3) Levels
293 Kelvin Cross Sections



14

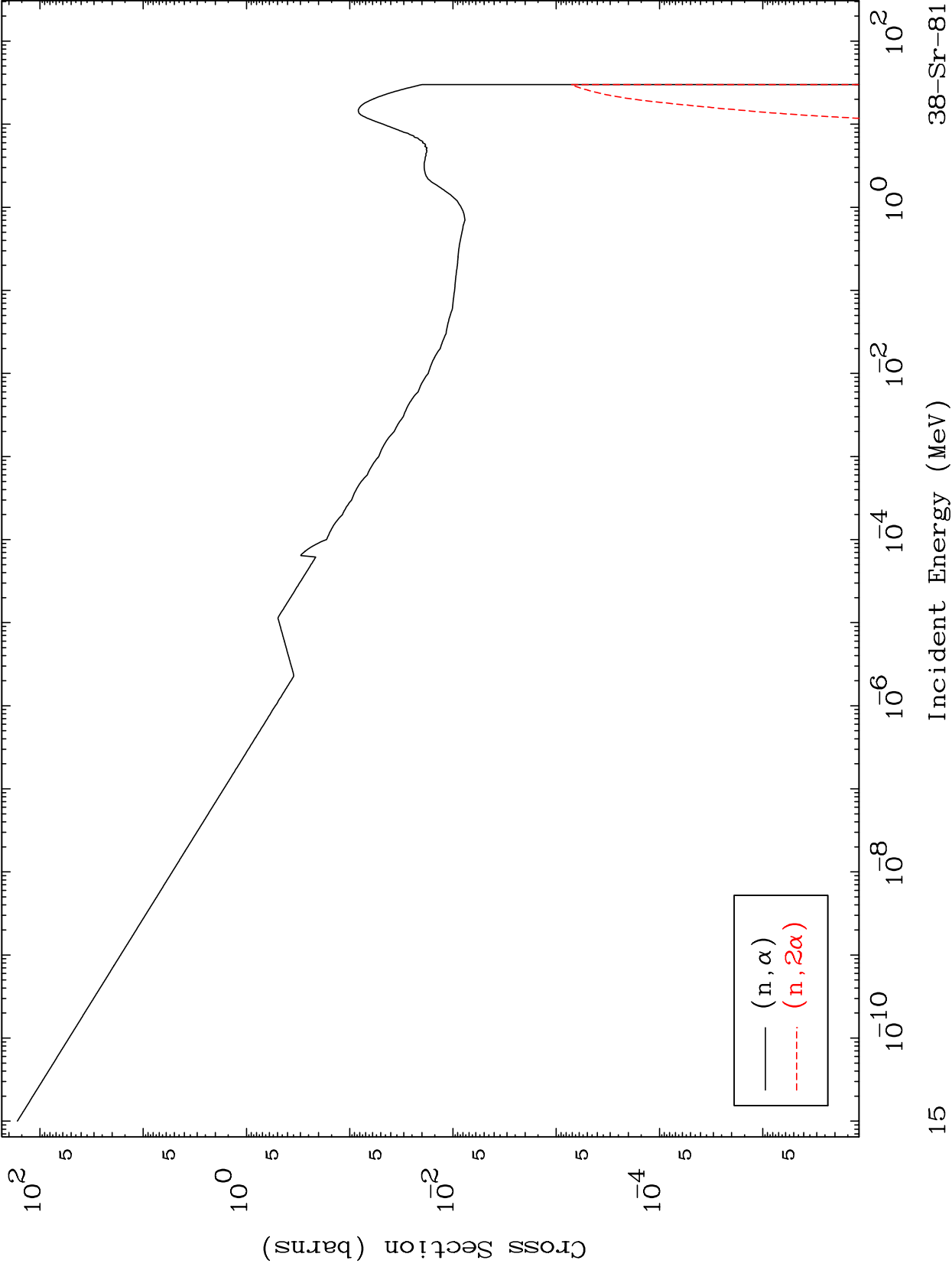
Incident Energy (MeV)

38-Sr-81

MAT 3816

(n,α) Levels
293 Kelvin Cross Sections

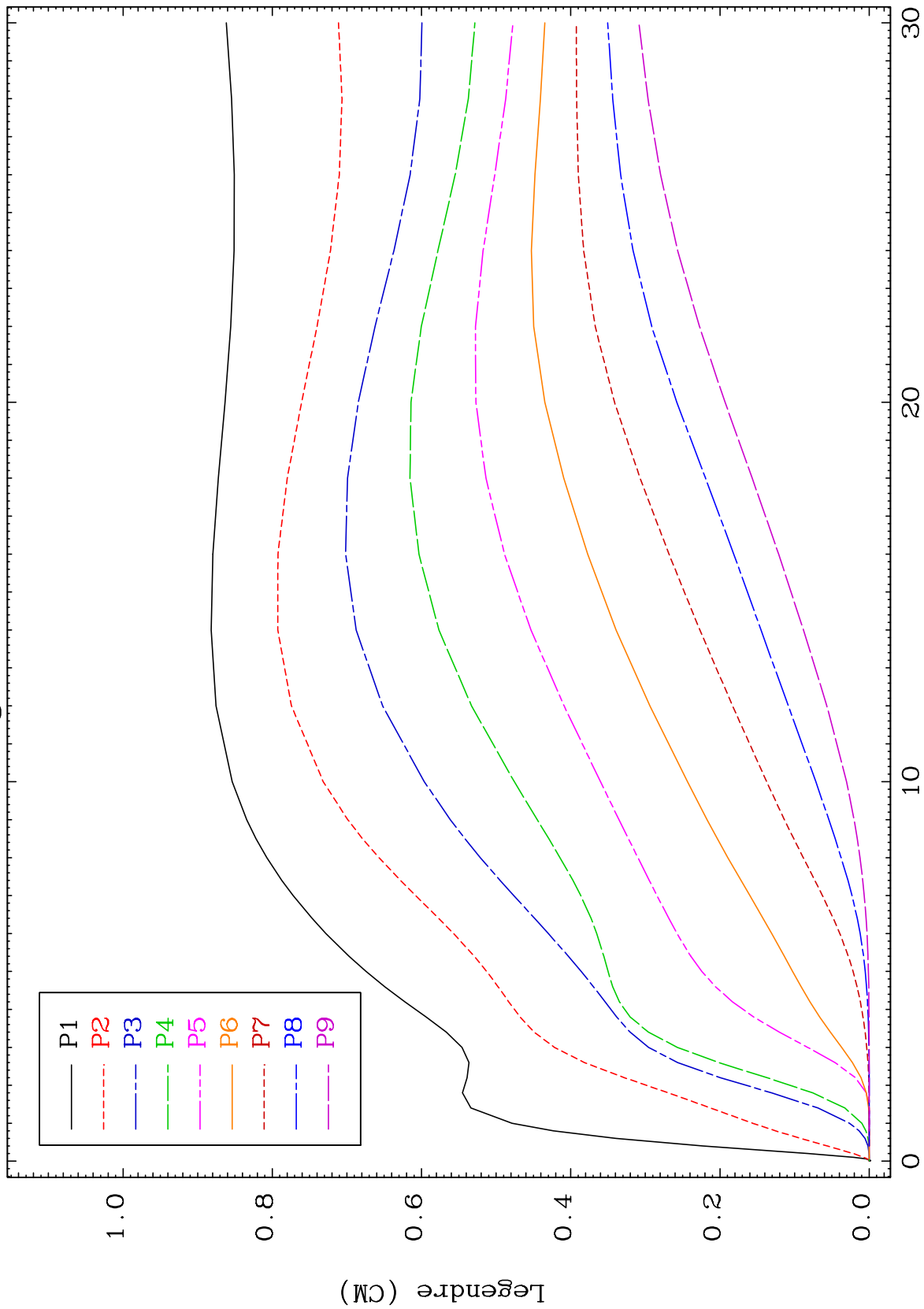
38-Sr-81



MAT 3816

Elastic Legendre Coefficients

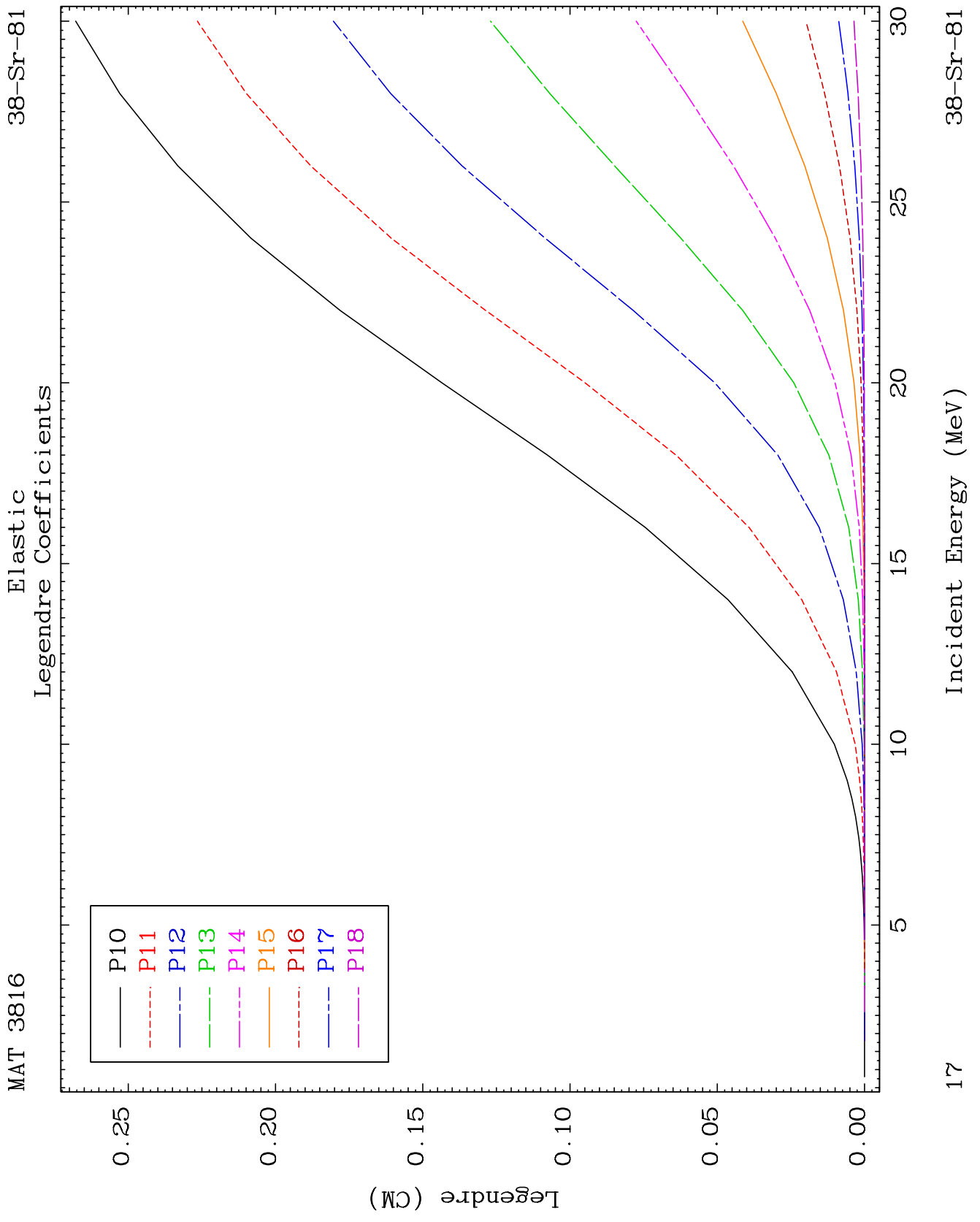
38-Sr-81



16

Incident Energy (MeV)

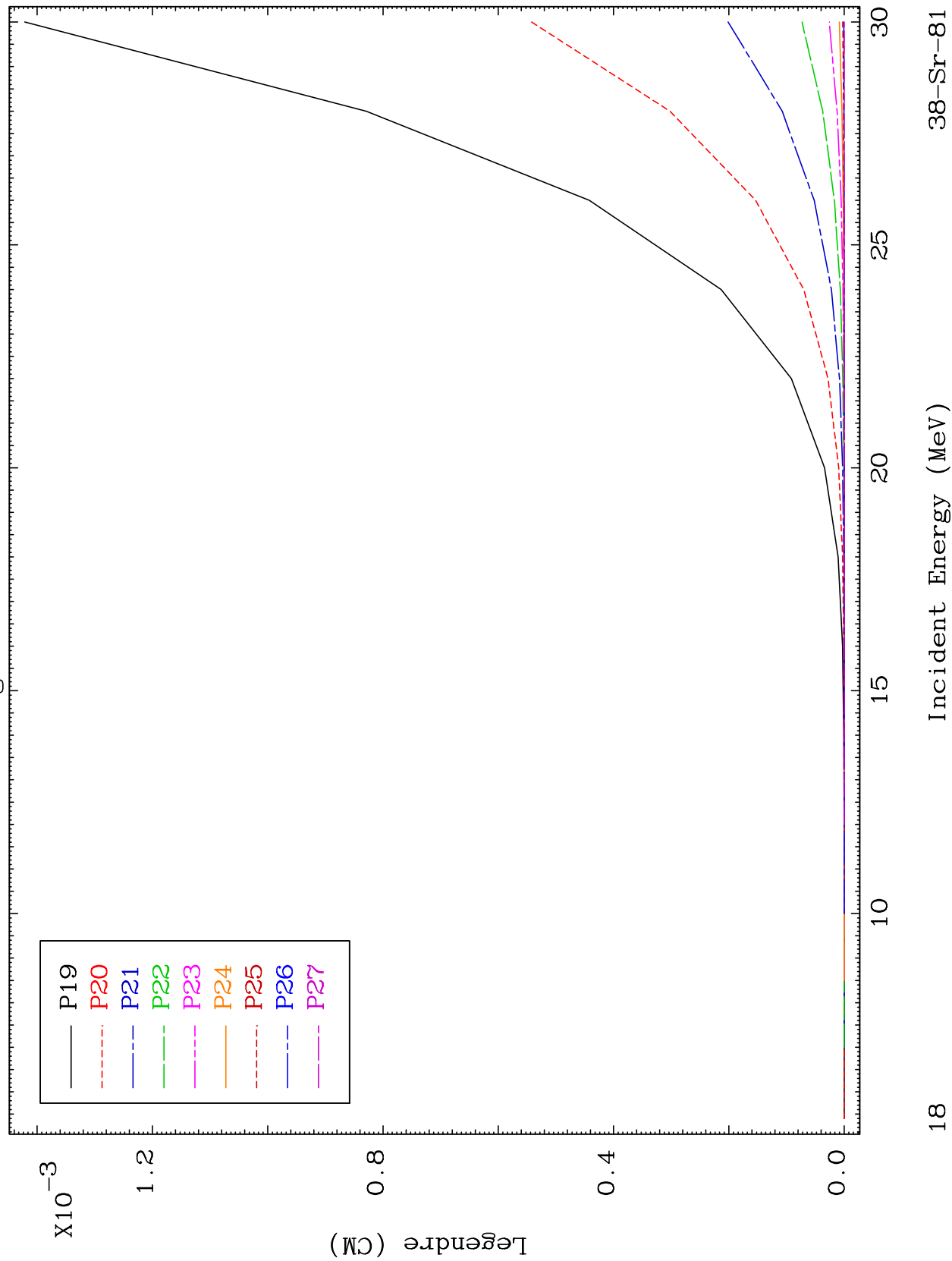
38-Sr-81



MAT 3816

Elastic Legendre Coefficients

38-Sr-81



18

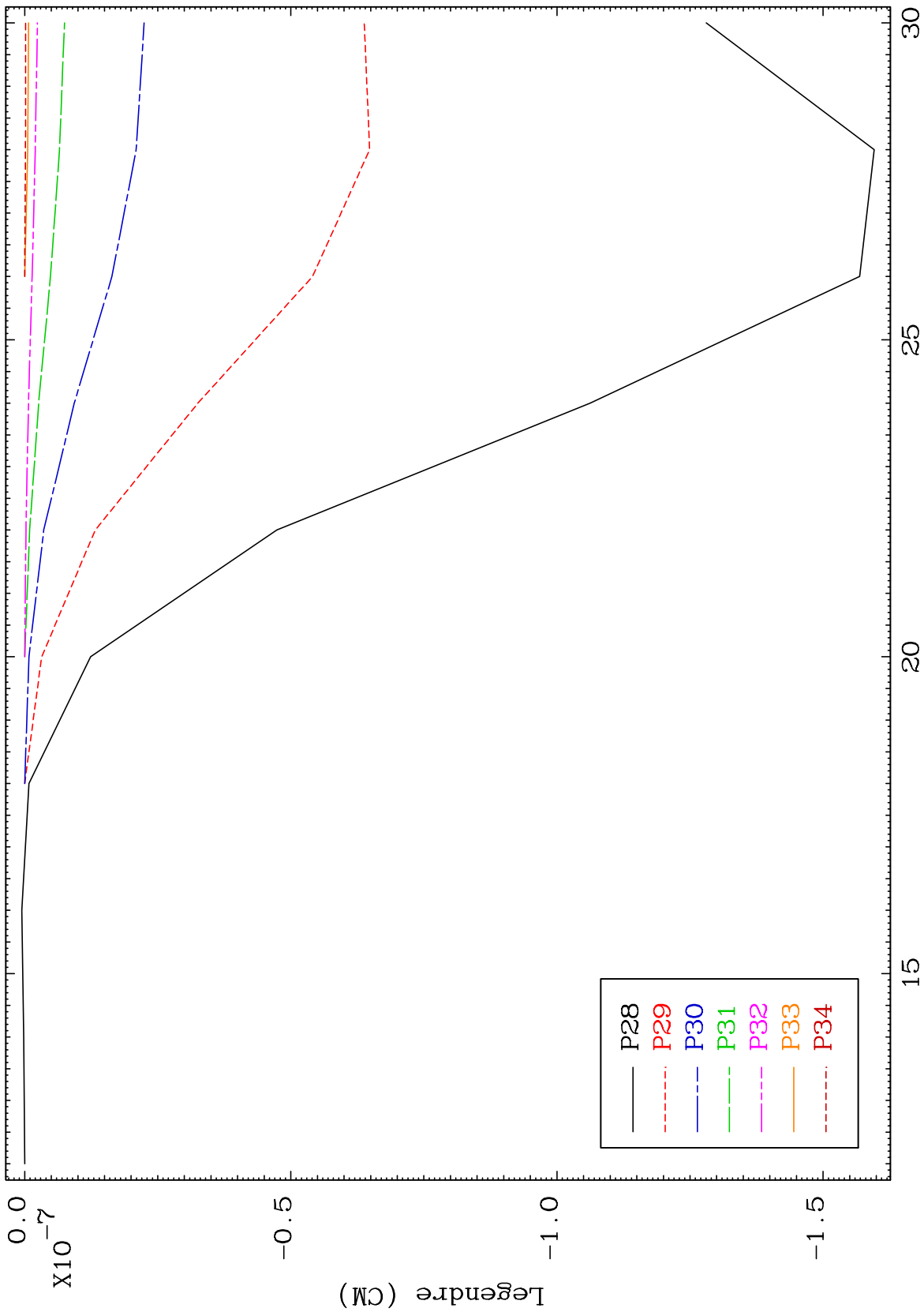
Incident Energy (MeV)

38-Sr-81

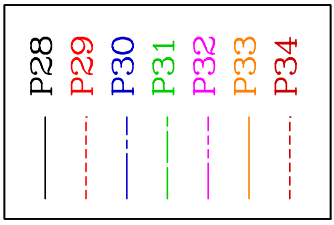
MAT 3816

38-Sr-81

Elastic Legendre Coefficients



Legendre (CM)
 $\times 10^{-7}$



19

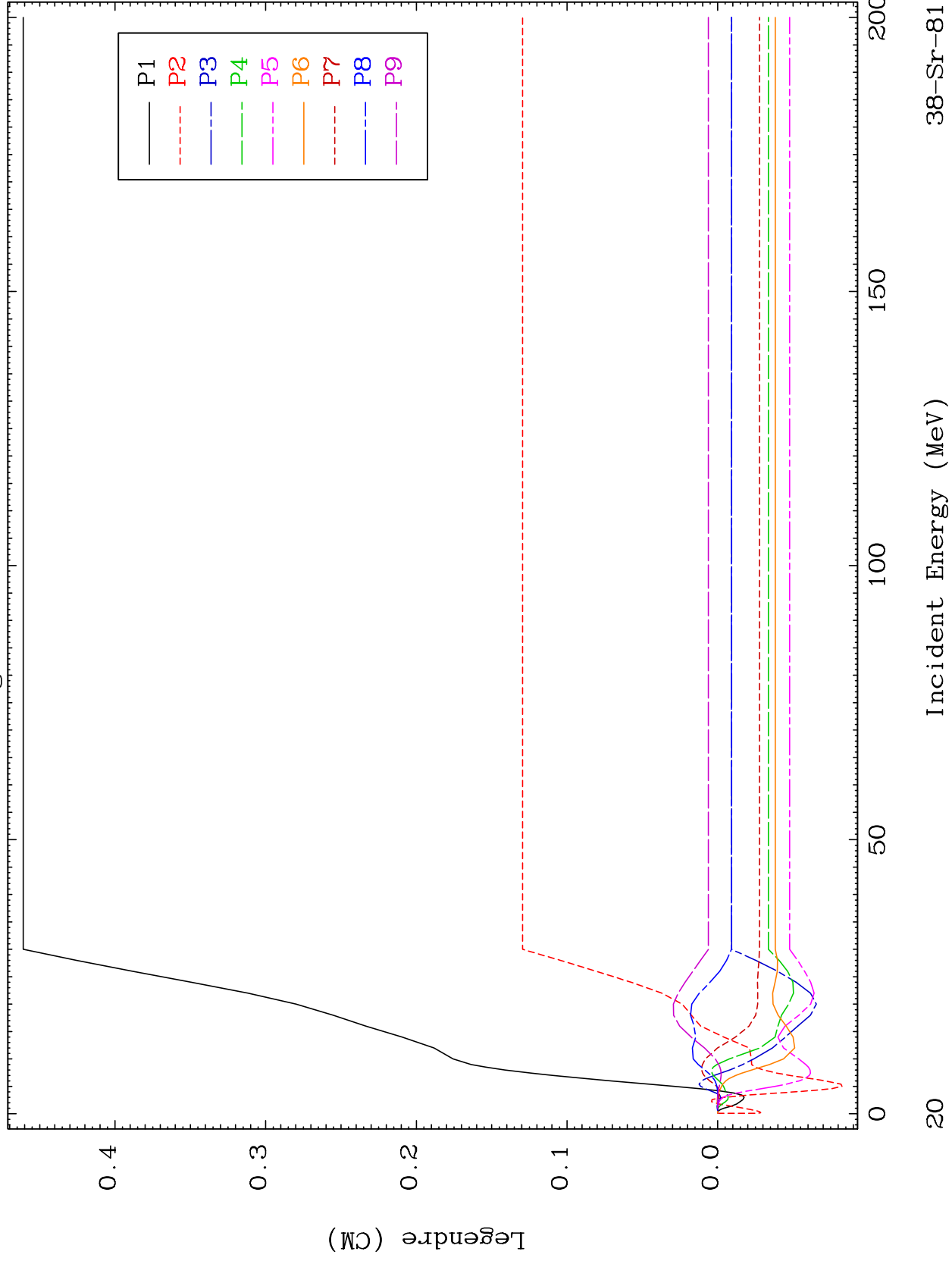
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

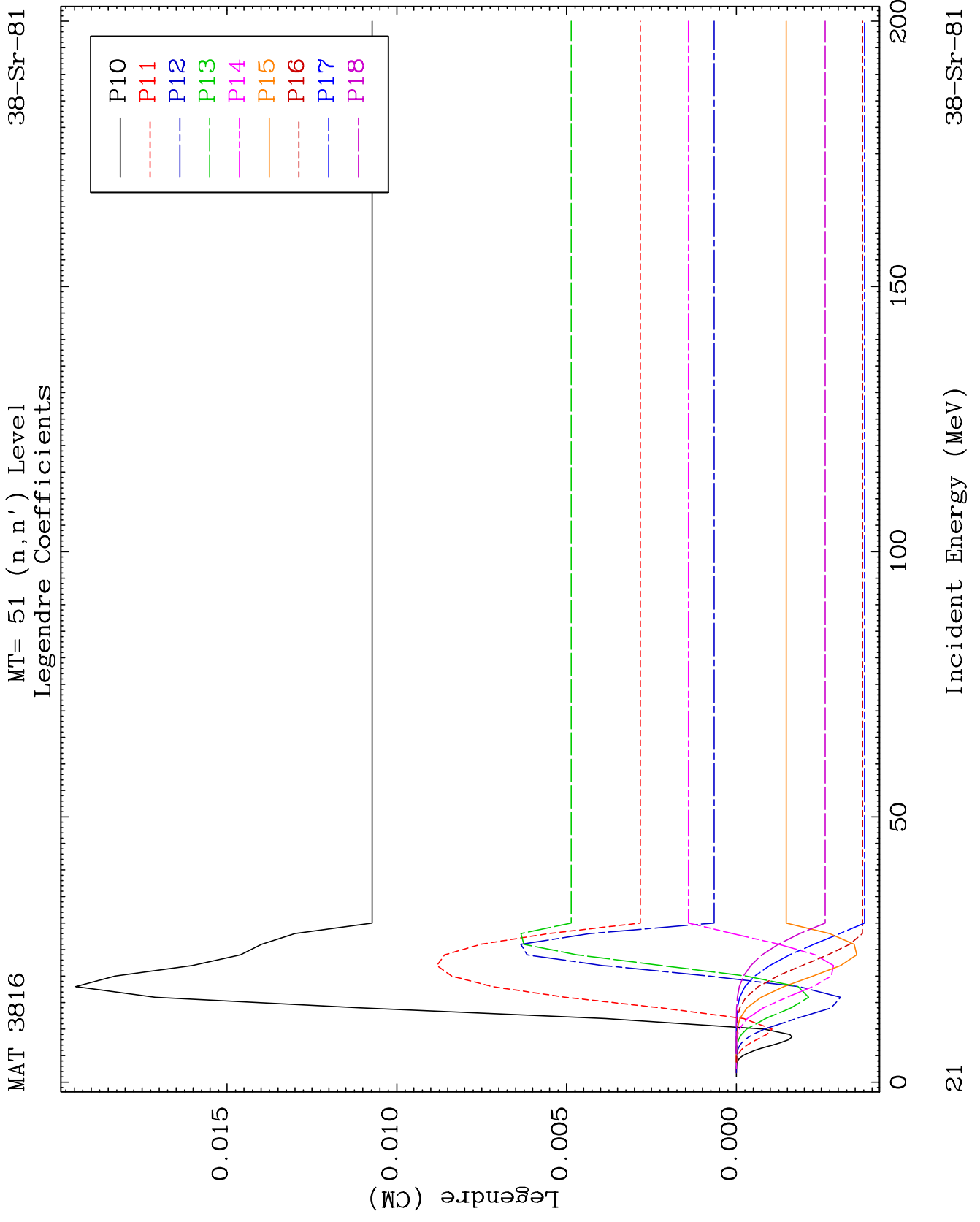
38-Sr-81

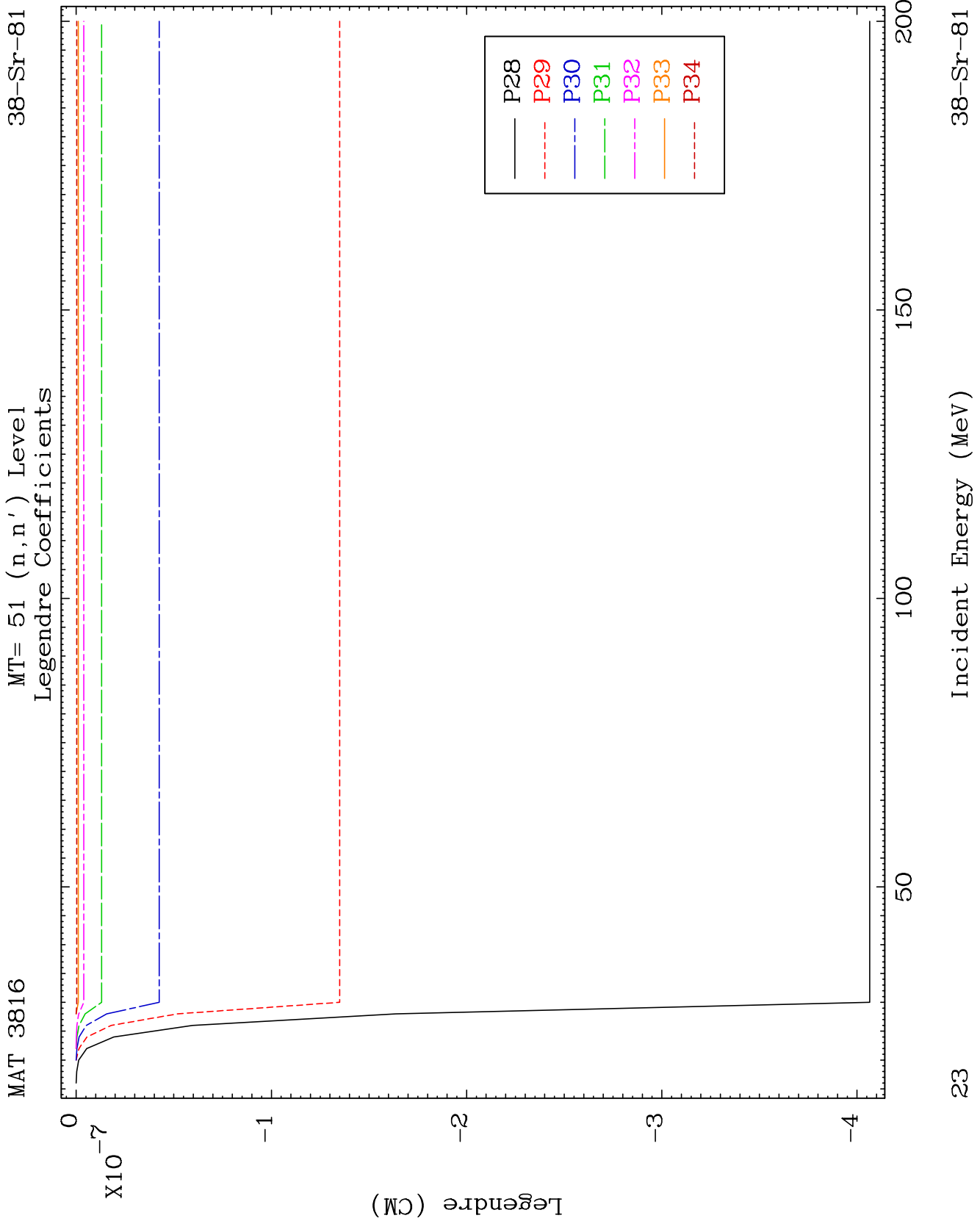


38-Sr-81

Incident Energy (MeV)

0

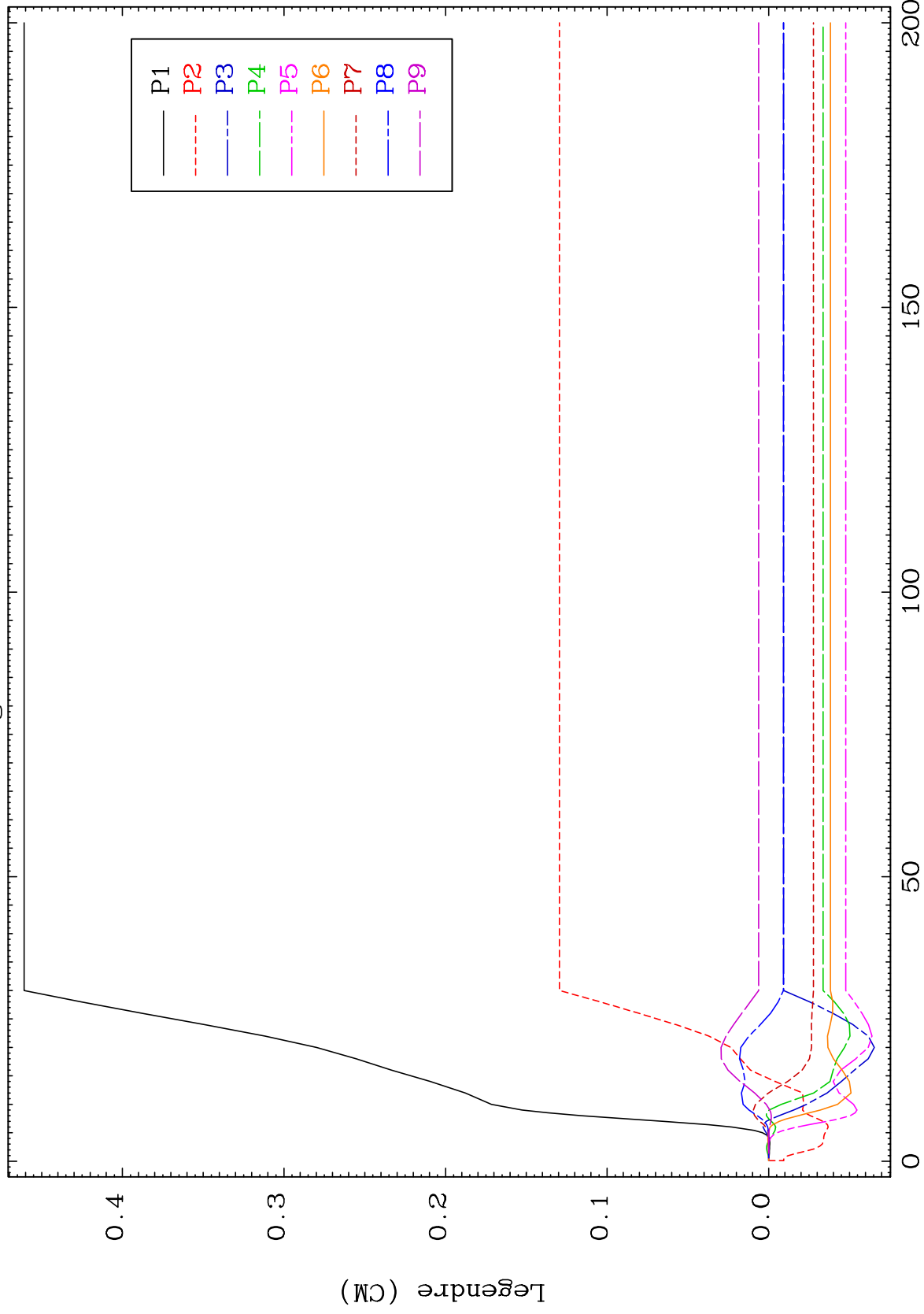




MAT 3816

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

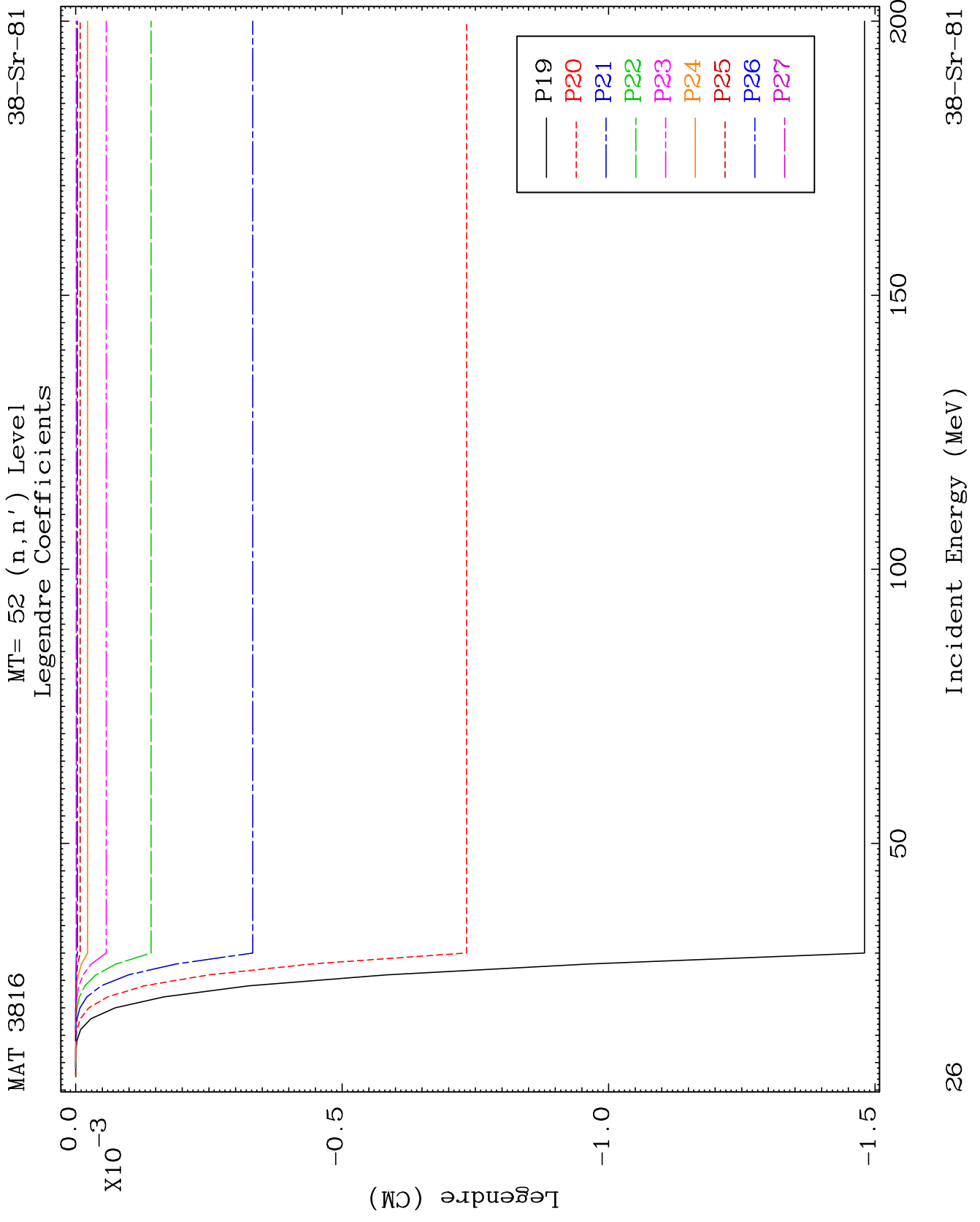
38-Sr-81



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Incident Energy (MeV)

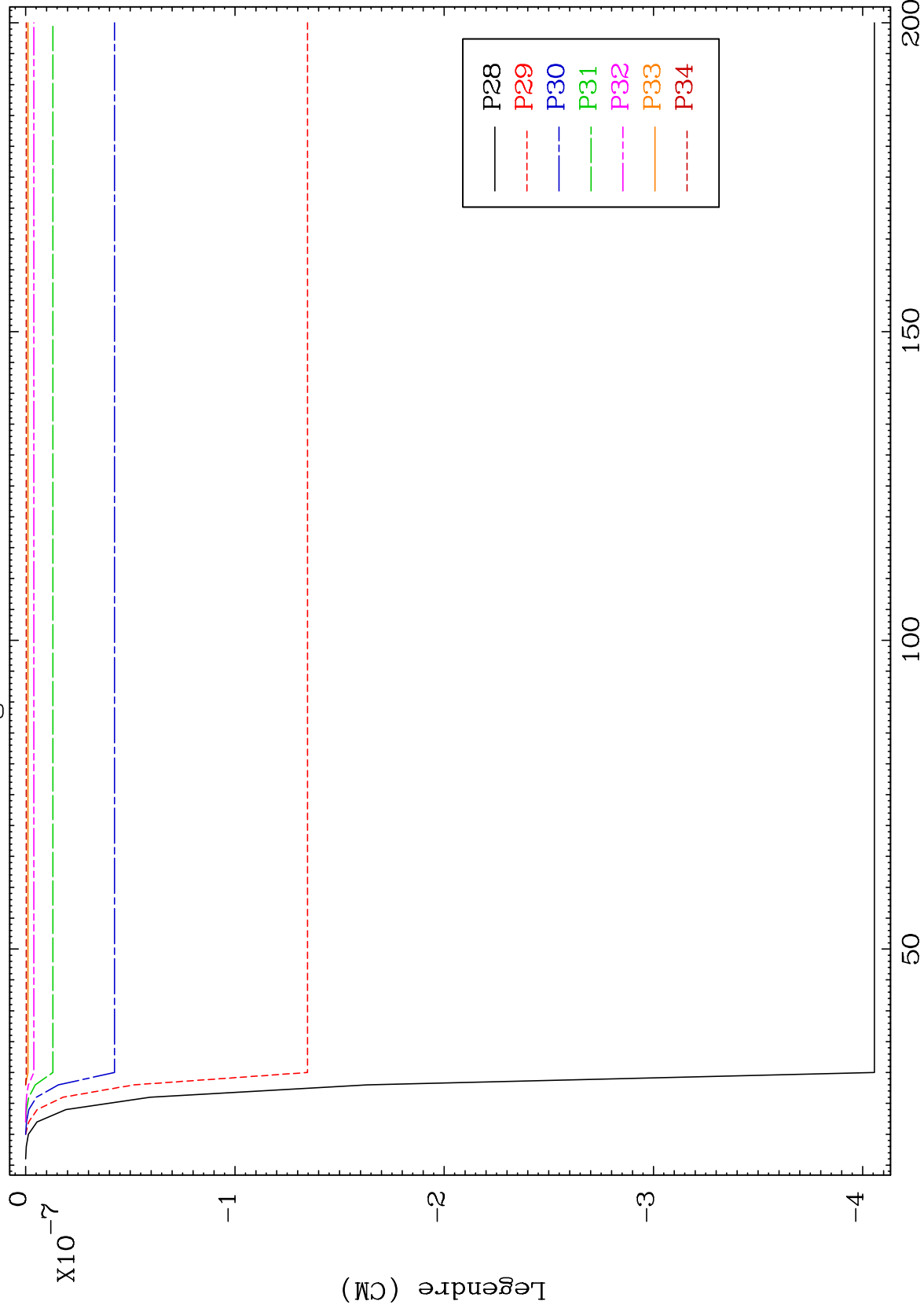
38-Sr-81



MAT 3816

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

38-Sr-81



27

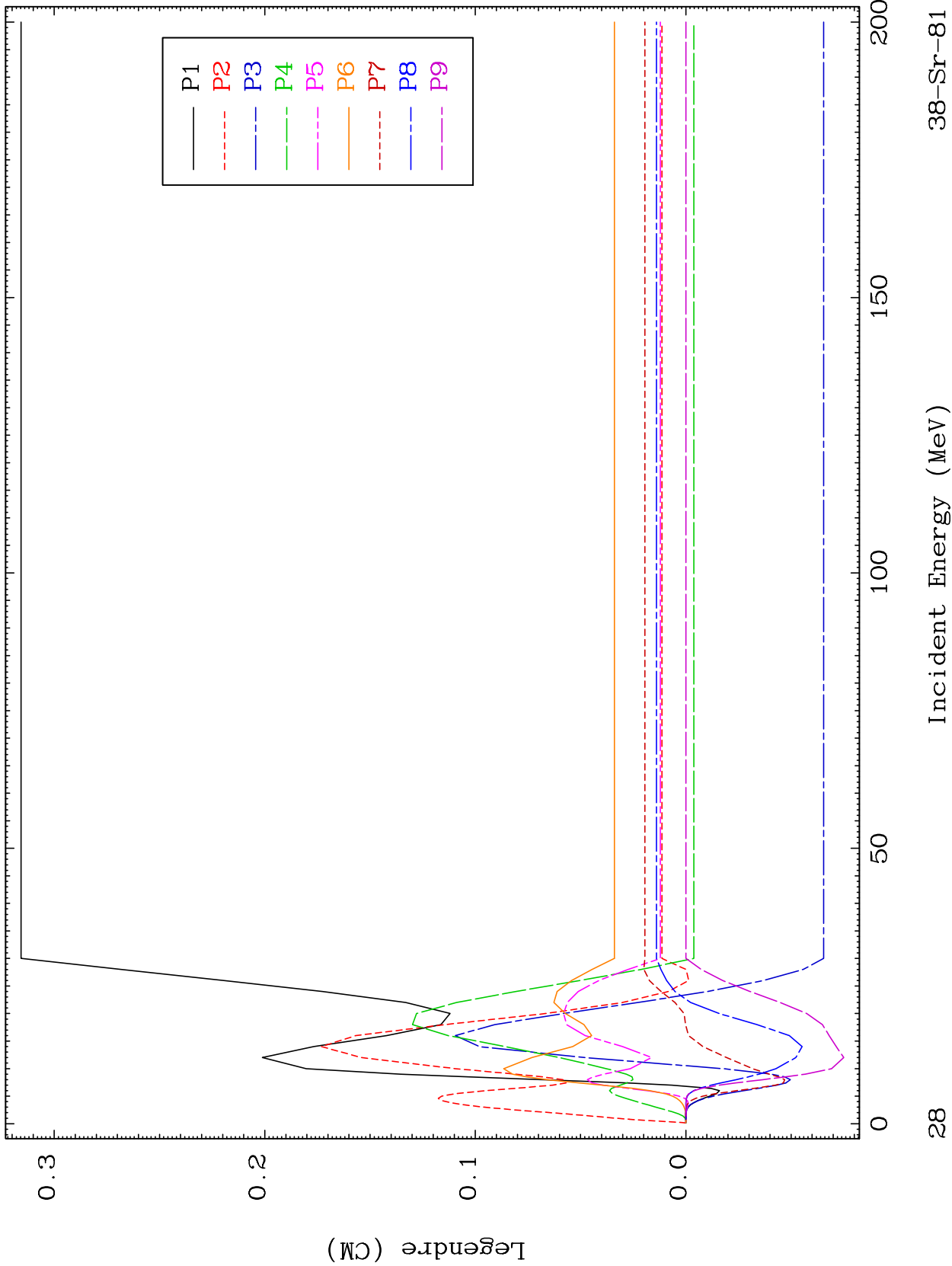
Incident Energy (MeV)

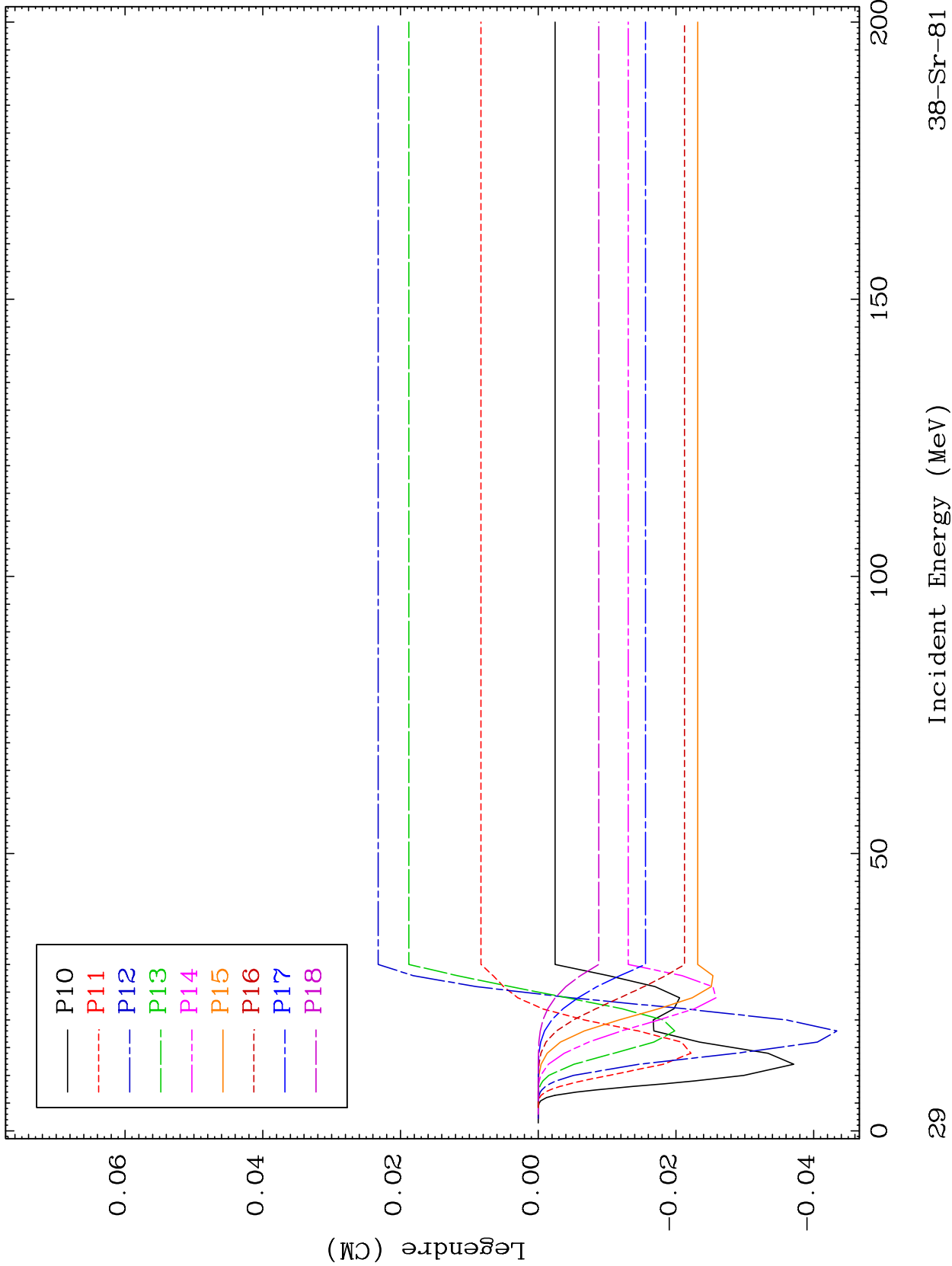
38-Sr-81

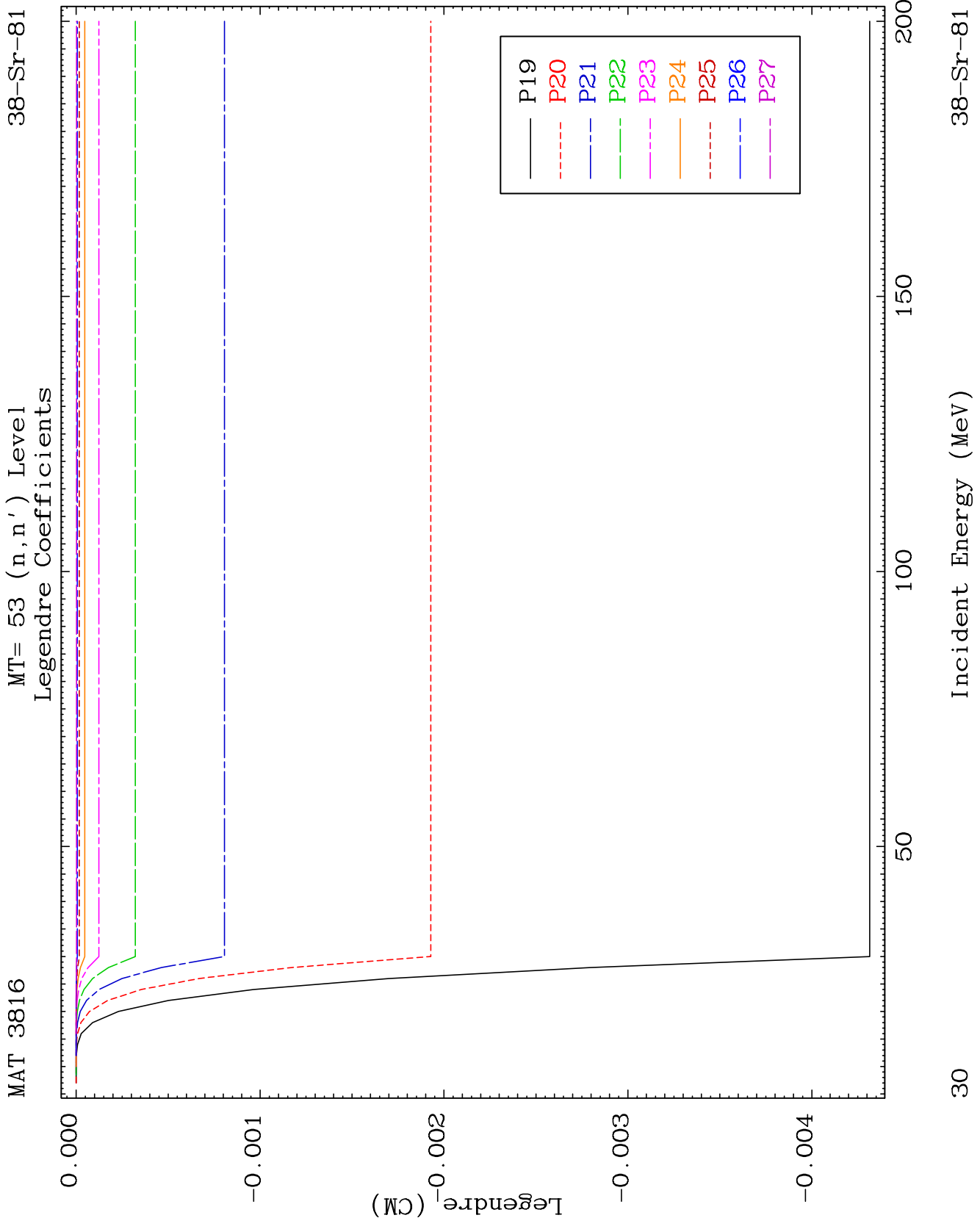
MAT 3816

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

38-Sr-81





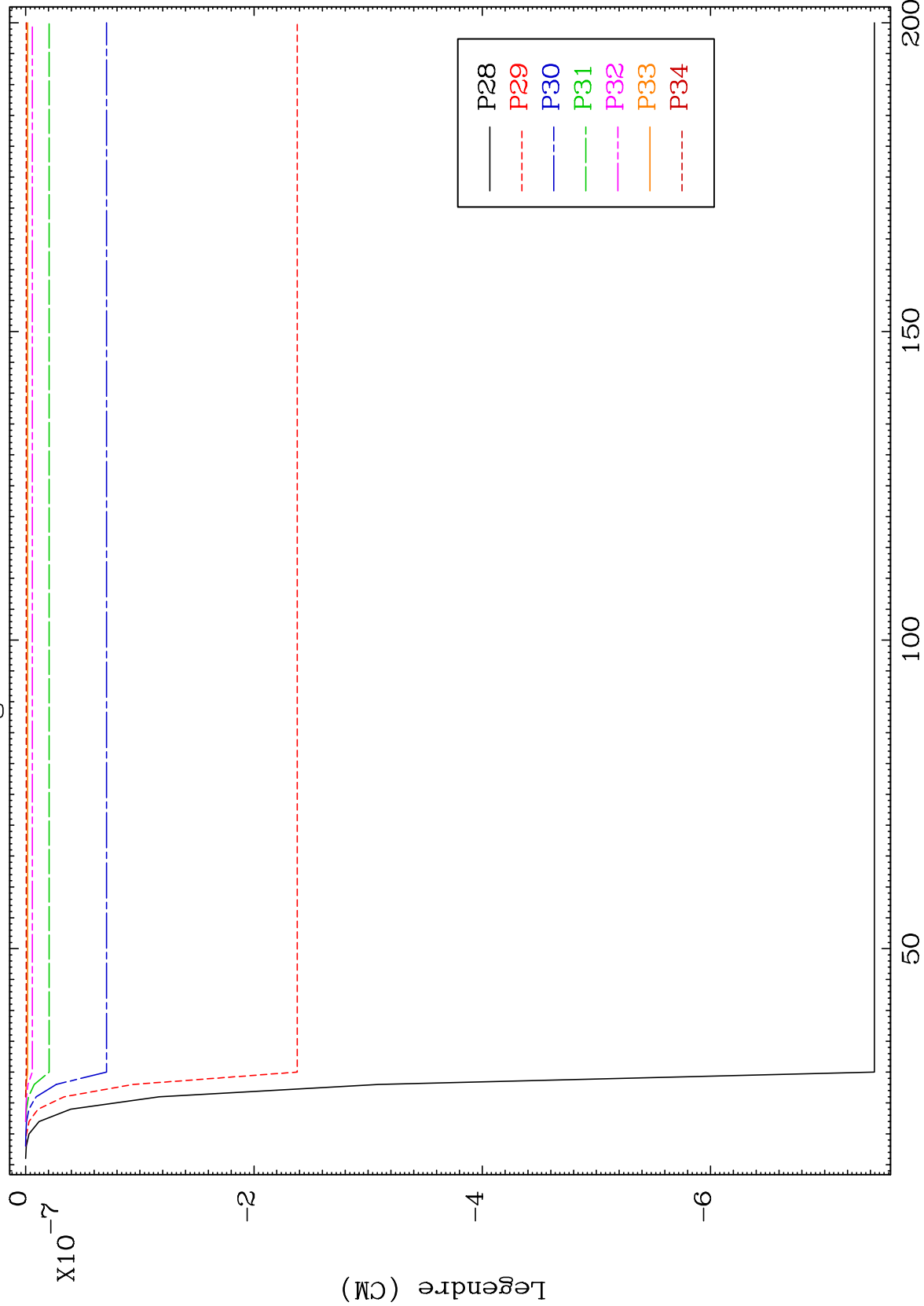


MAT 3816

MT= 53 (n,n') Level

38-Sr-81

Legendre Coefficients



31

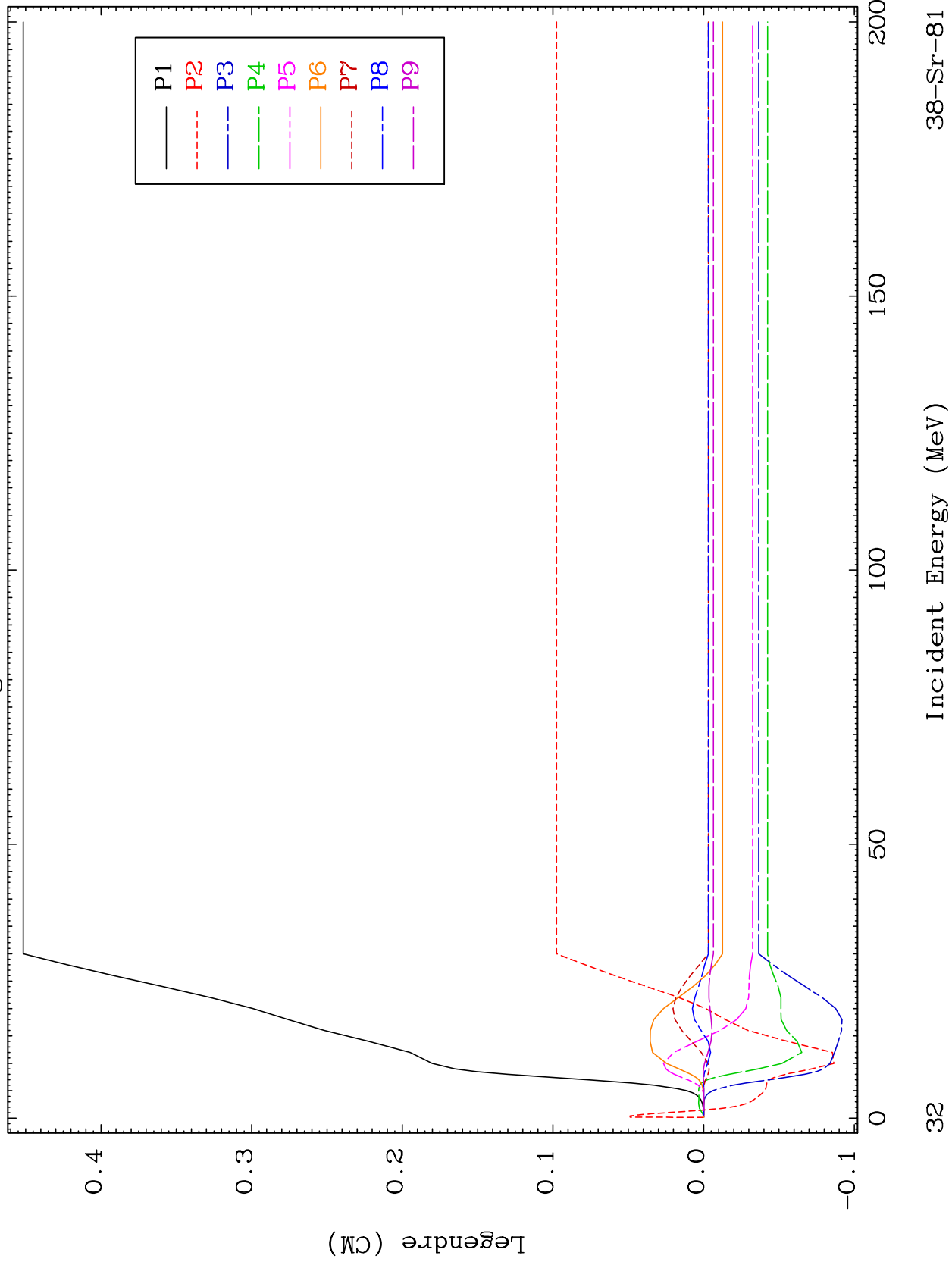
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



38-Sr-81

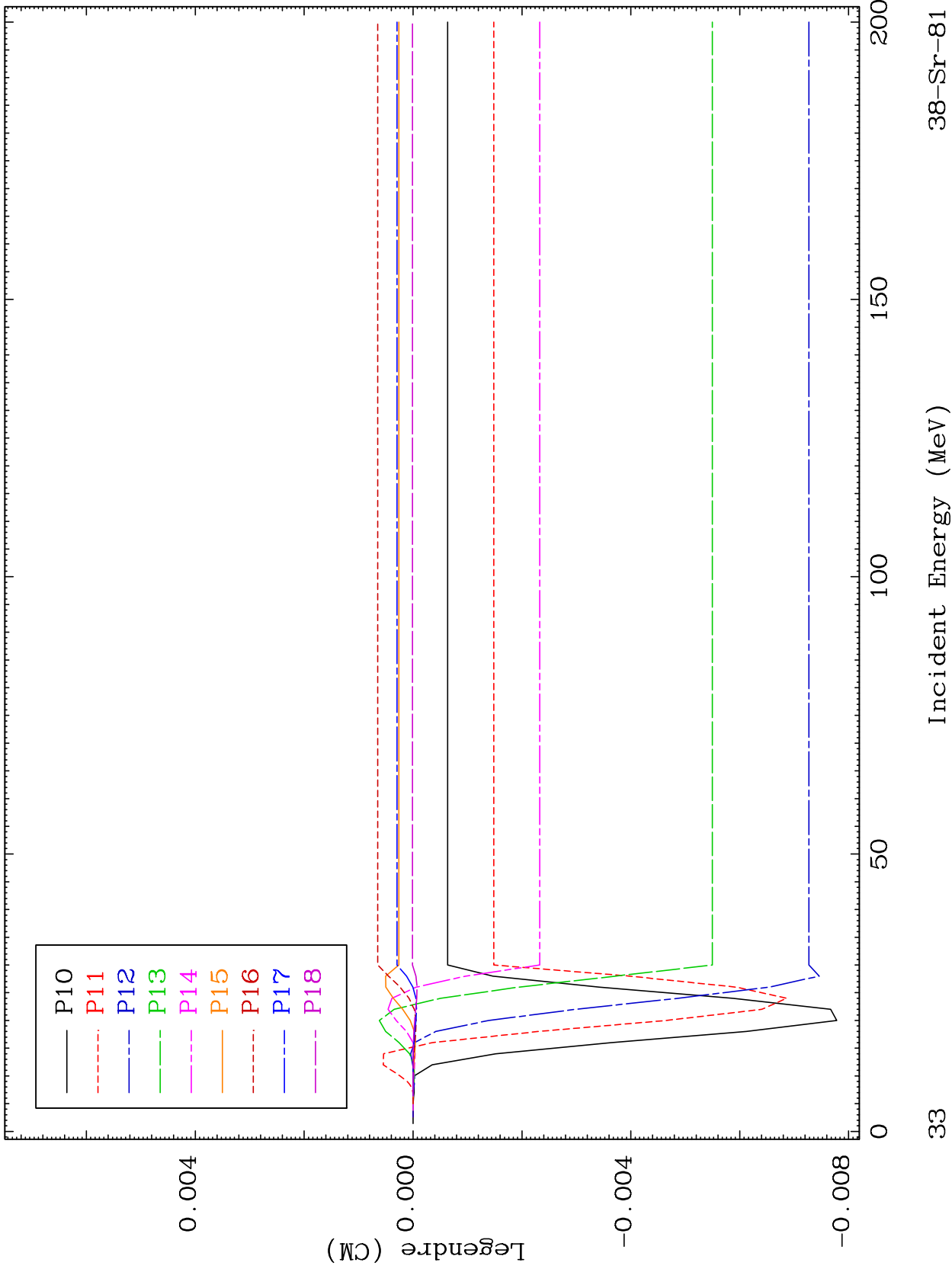
Incident Energy (MeV)

32

MAT 3816

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

38-Sr-81



33

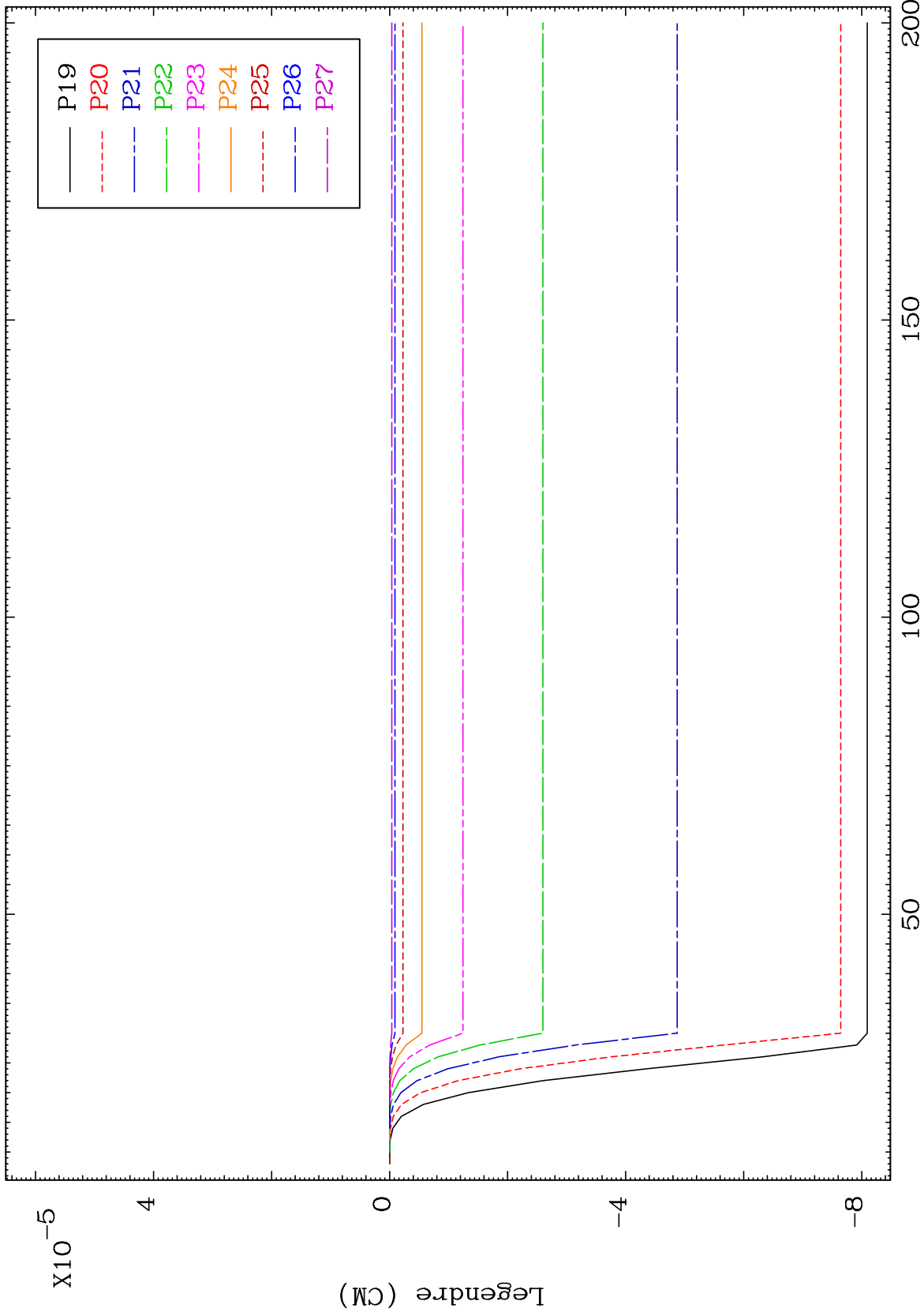
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



34

Incident Energy (MeV)

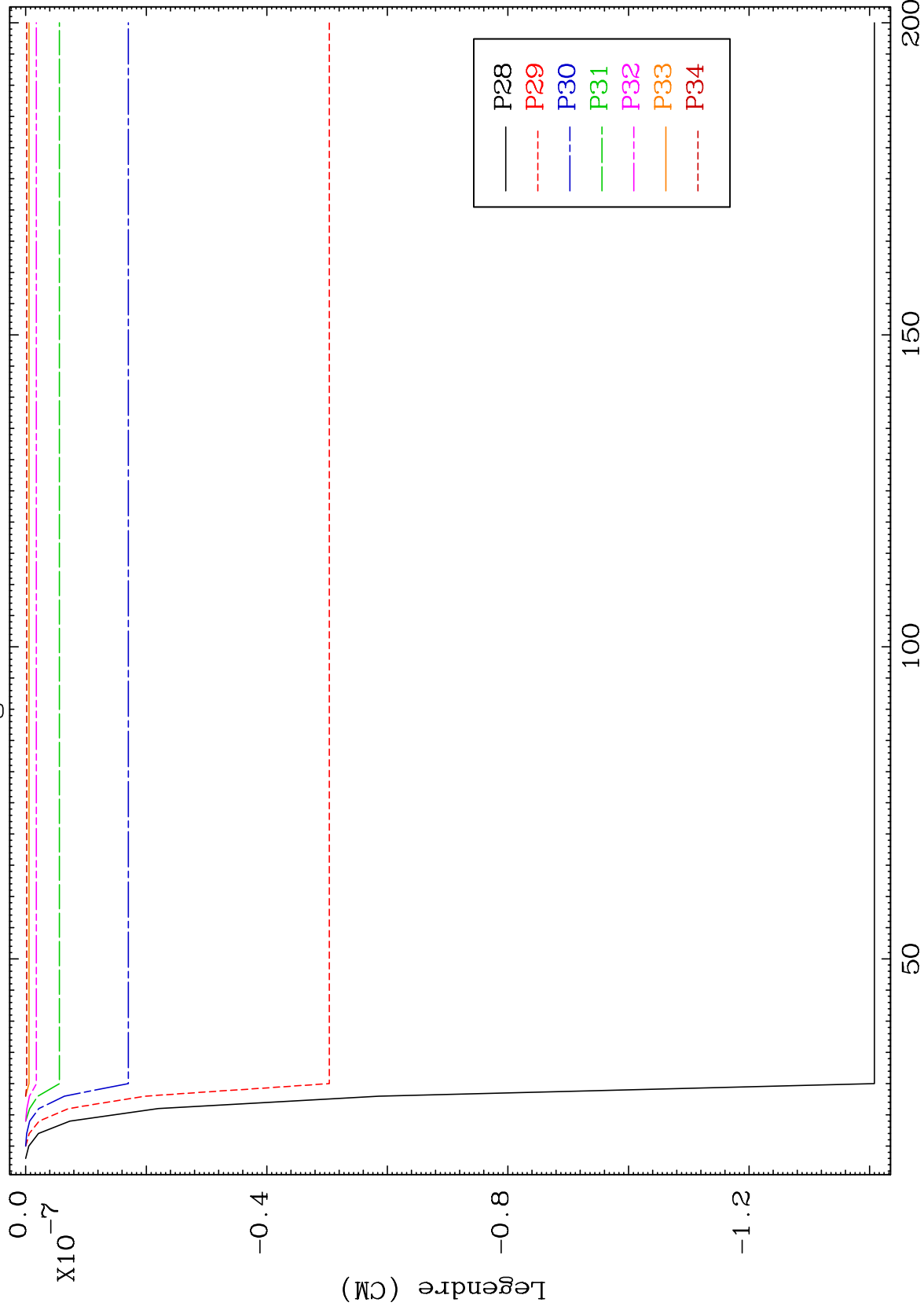
38-Sr-81

MAT 3816

MT= 54 (n,n') Level

38-Sr-81

Legendre Coefficients



35

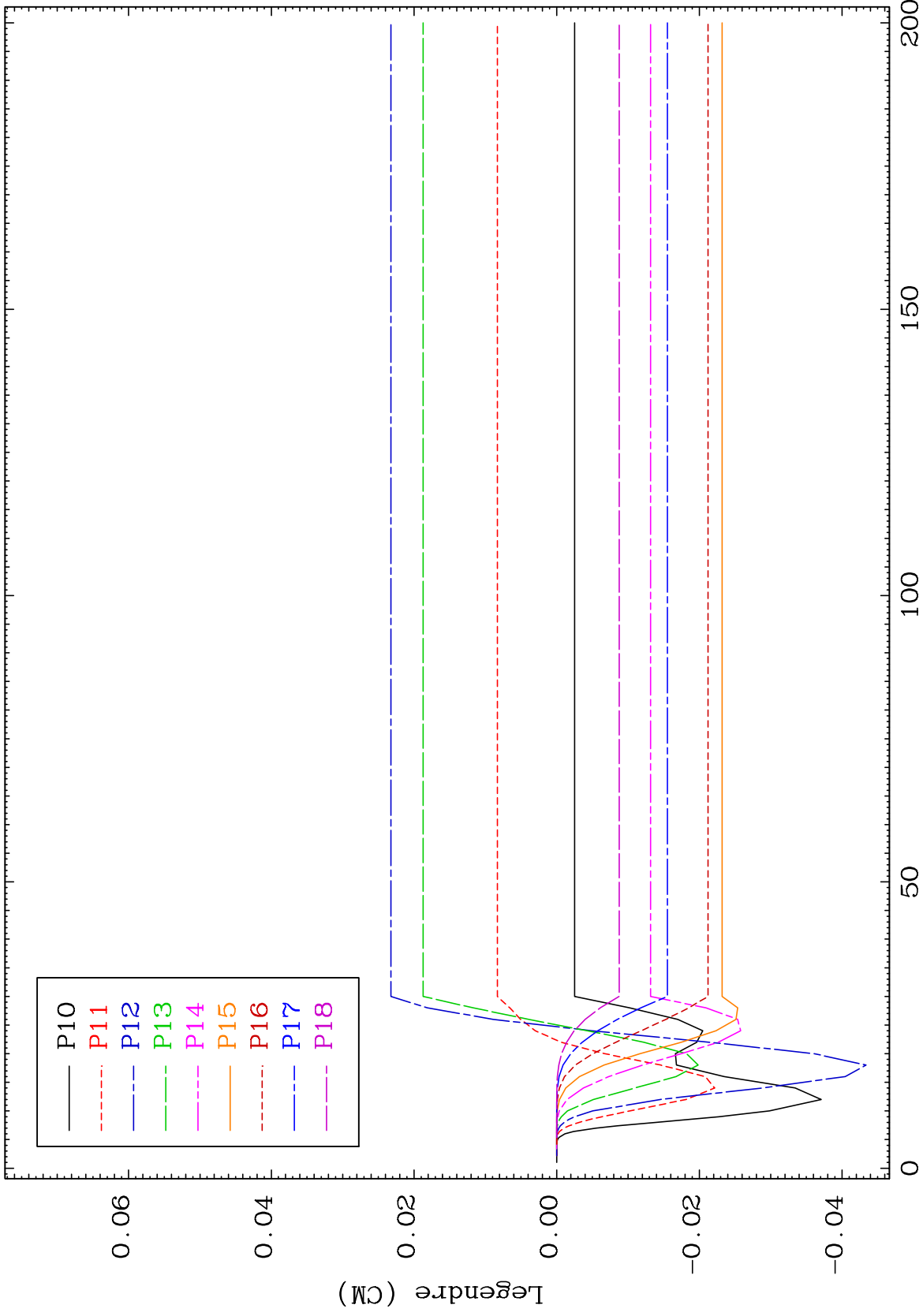
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

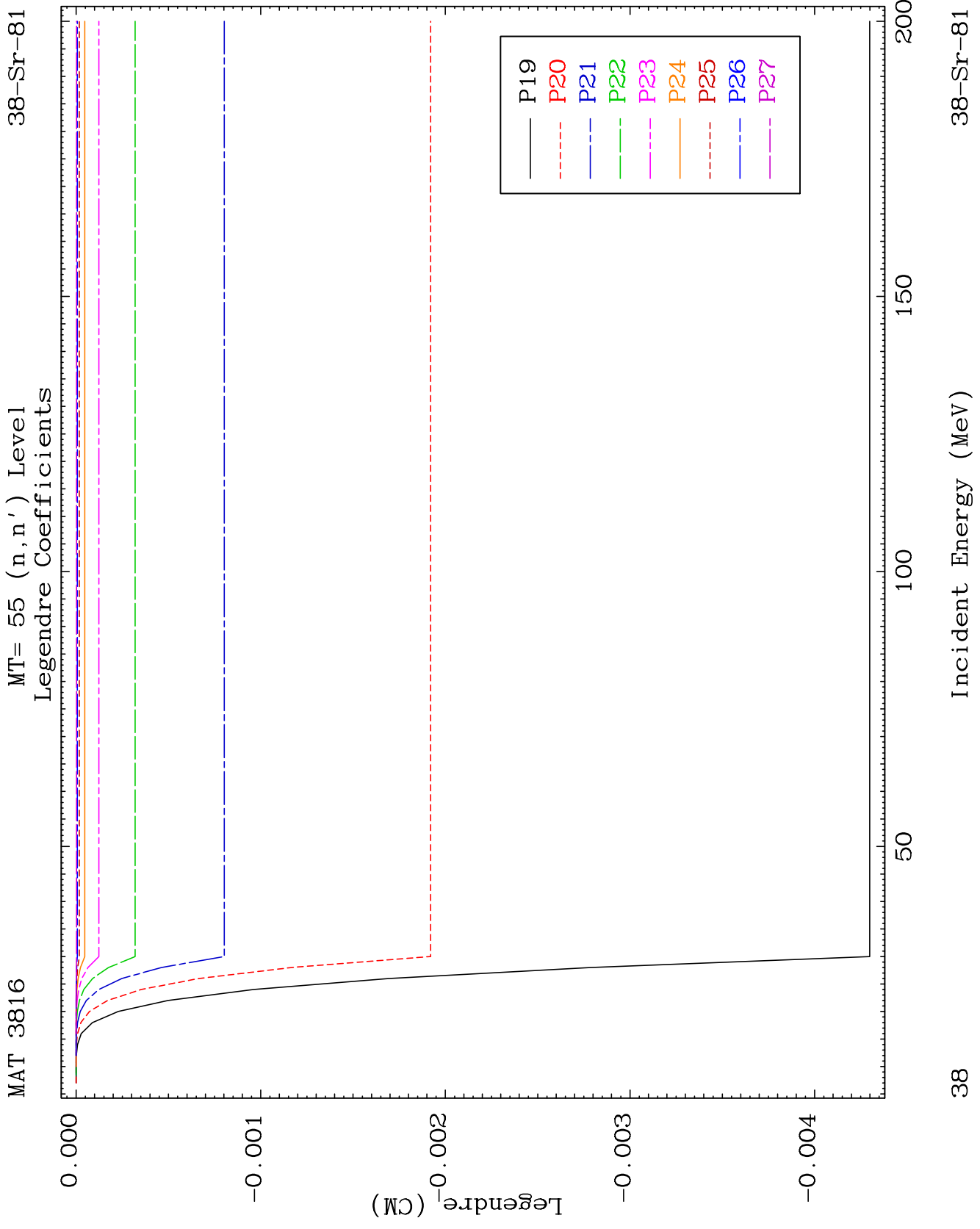
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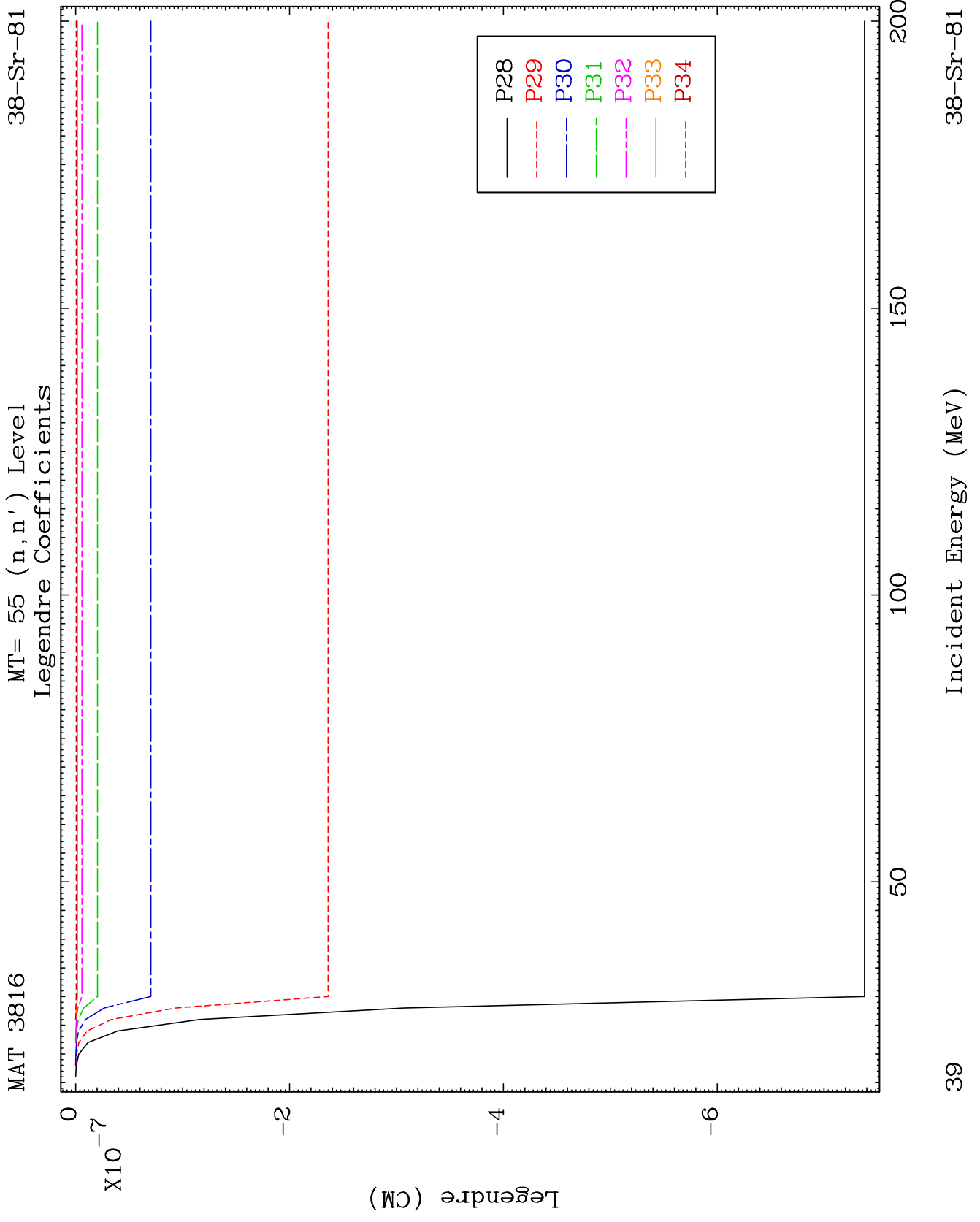


37

Incident Energy (MeV)

38-Sr-81

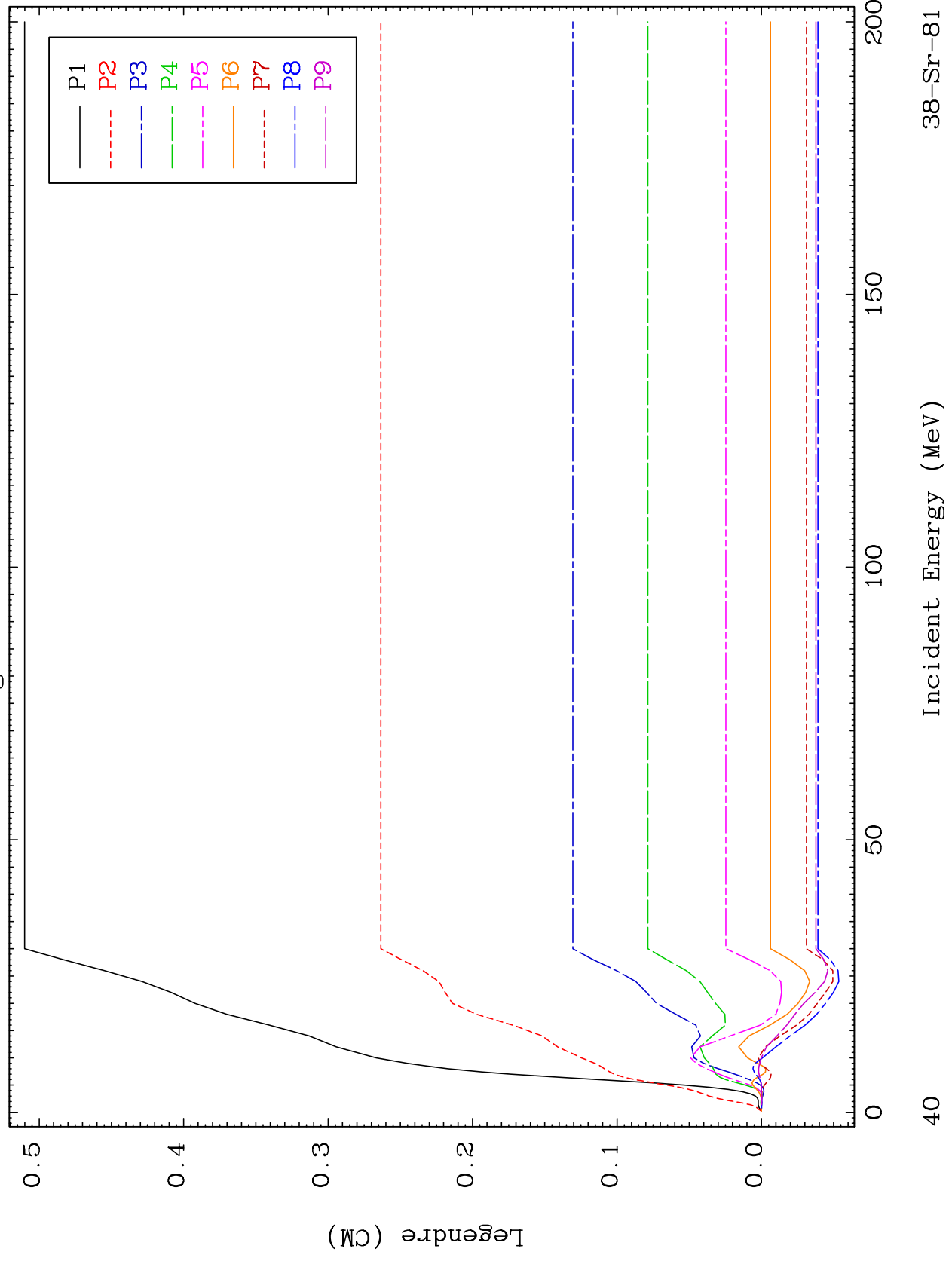




MAT 3816

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

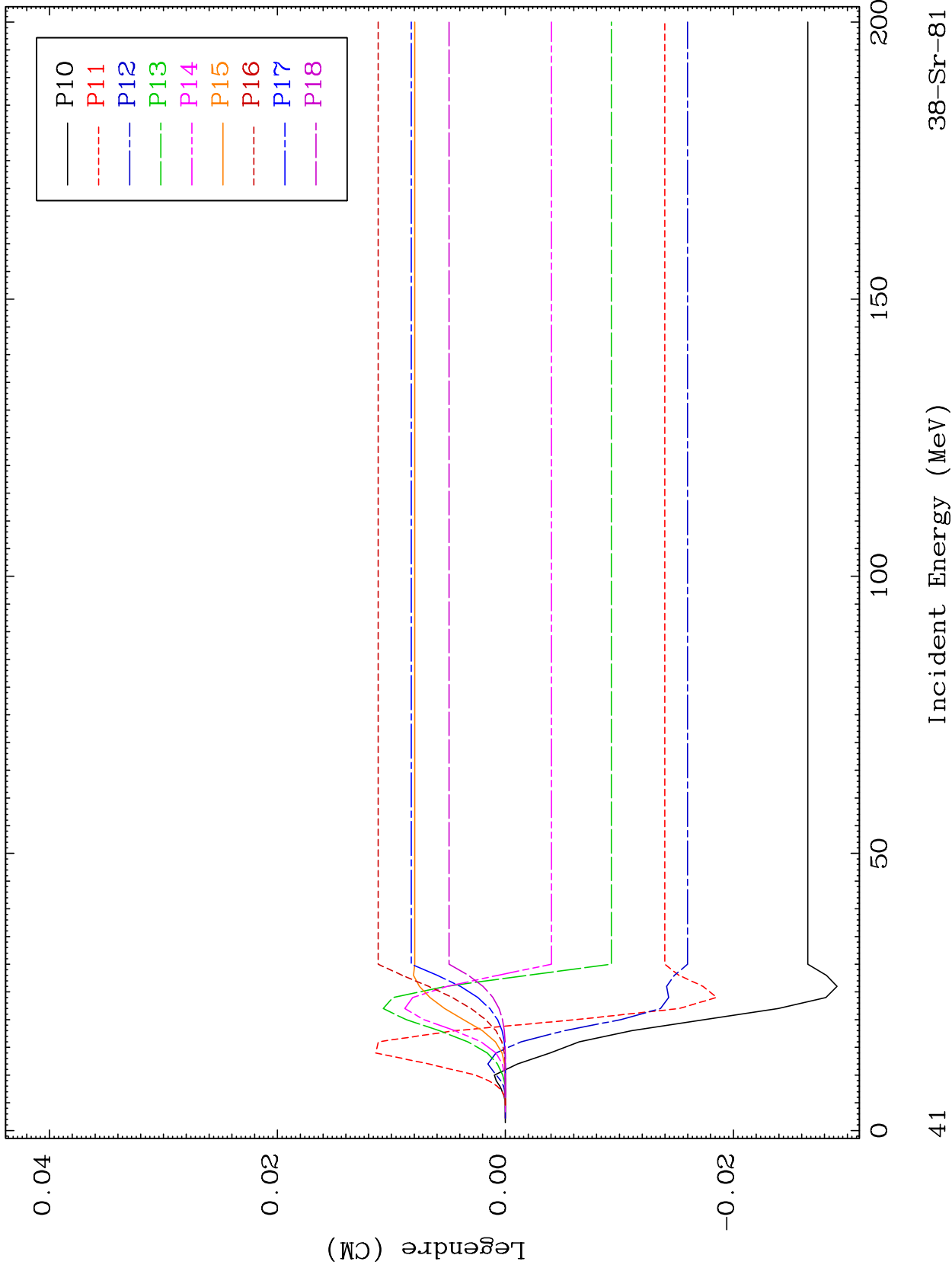
38-Sr-81



MAT 3816

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

38-Sr-81



41

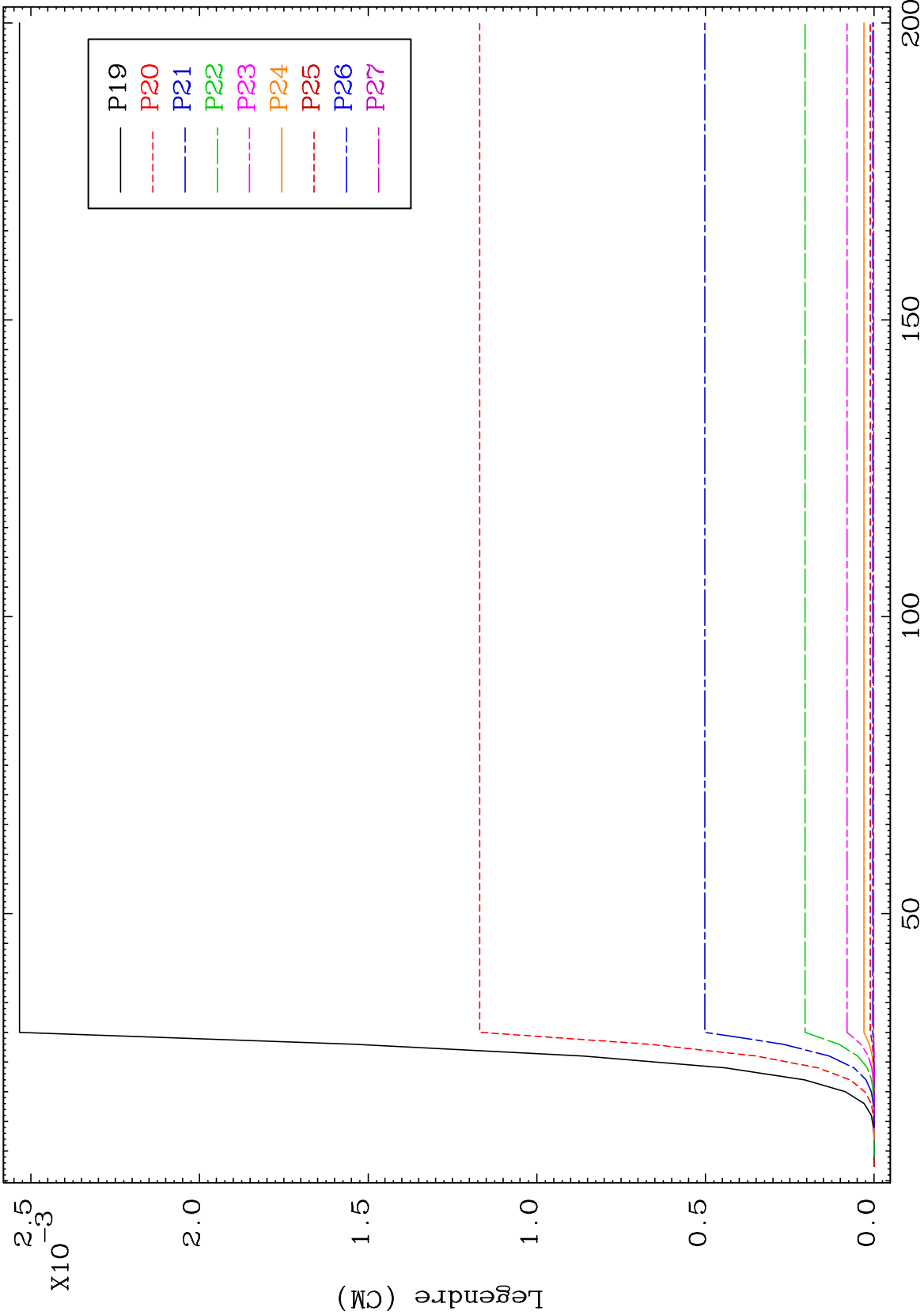
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



42

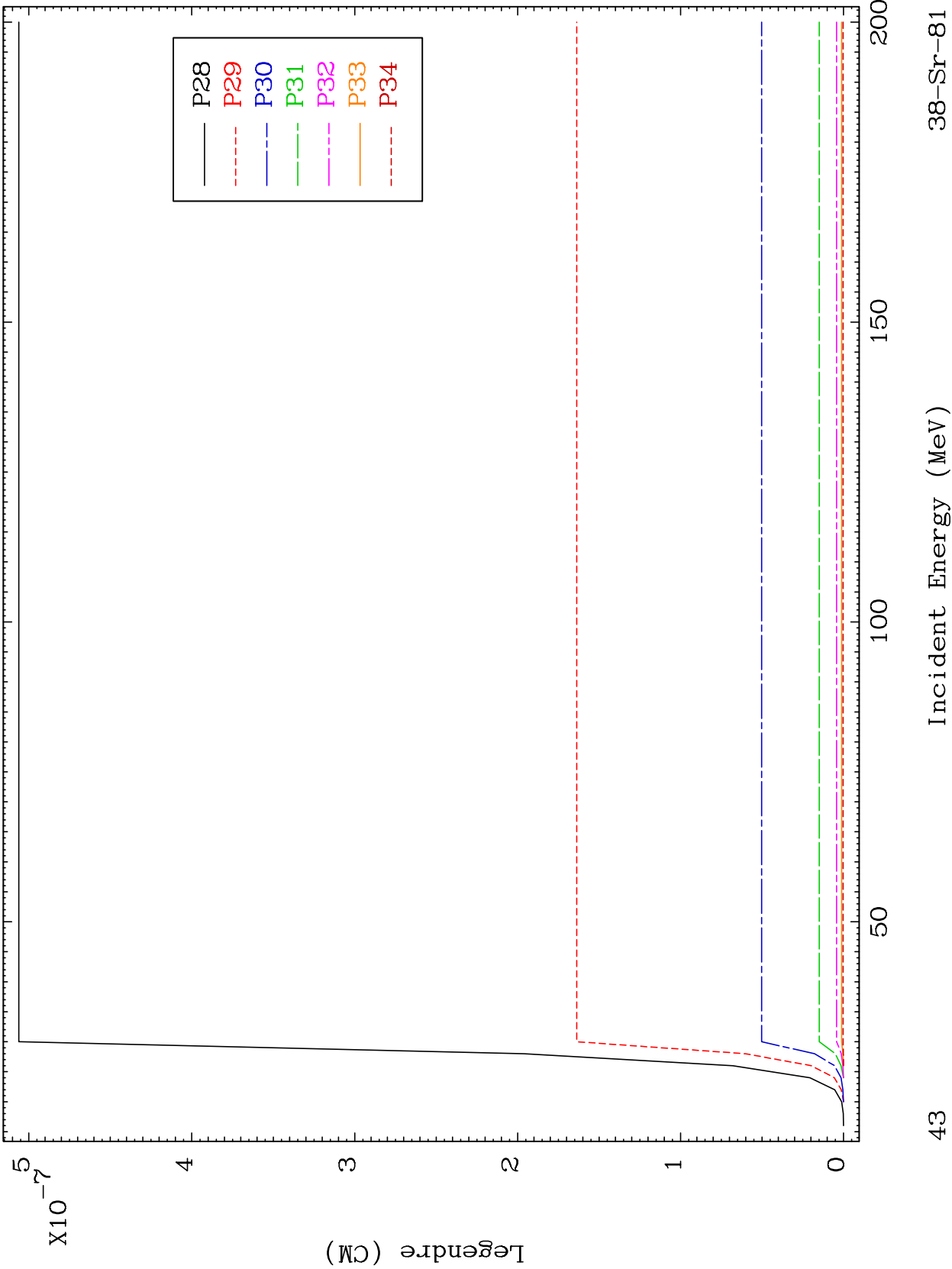
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81

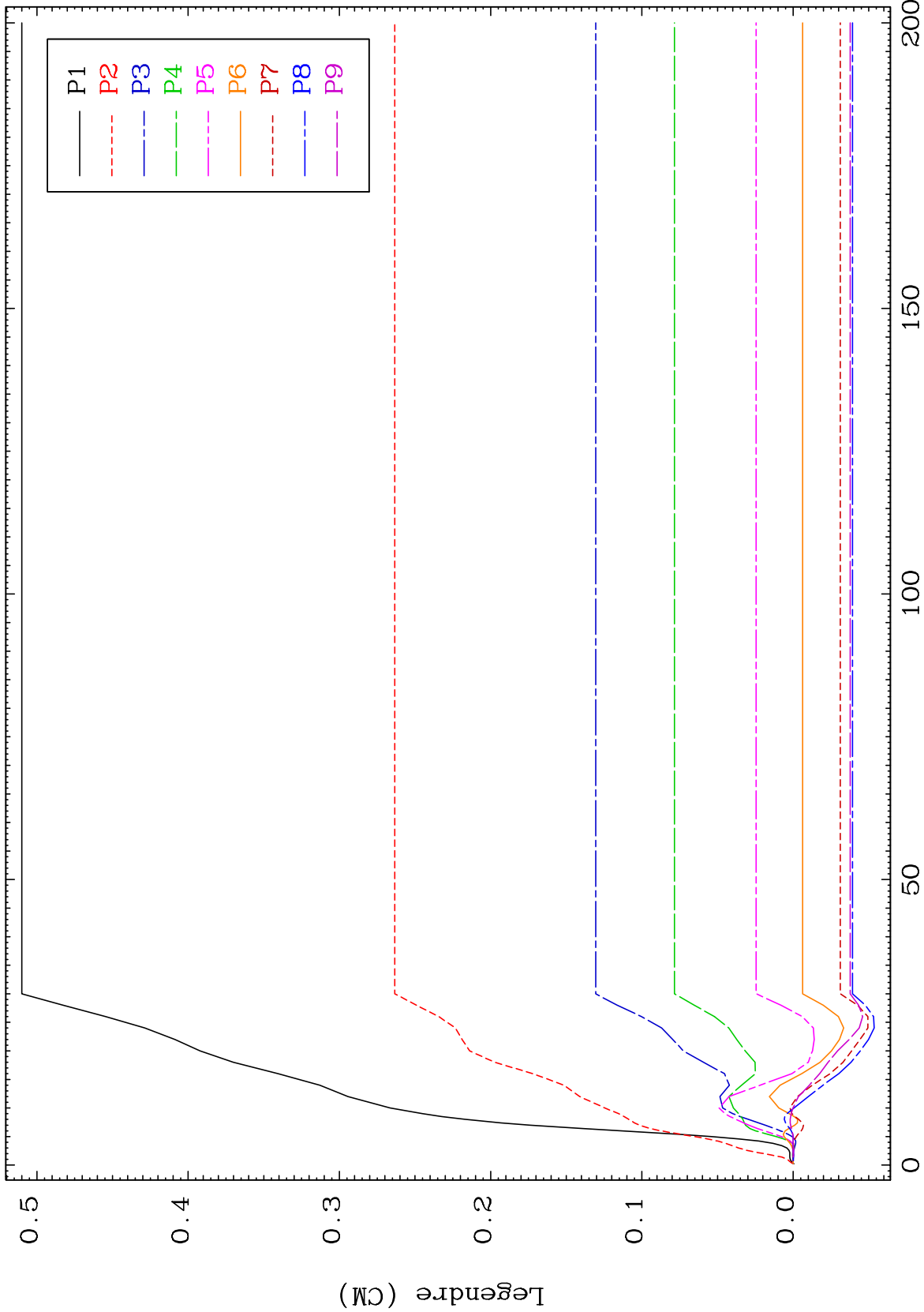


MAT 3816

MT= 57 (n,n') Level

38-Sr-81

Legendre Coefficients



44

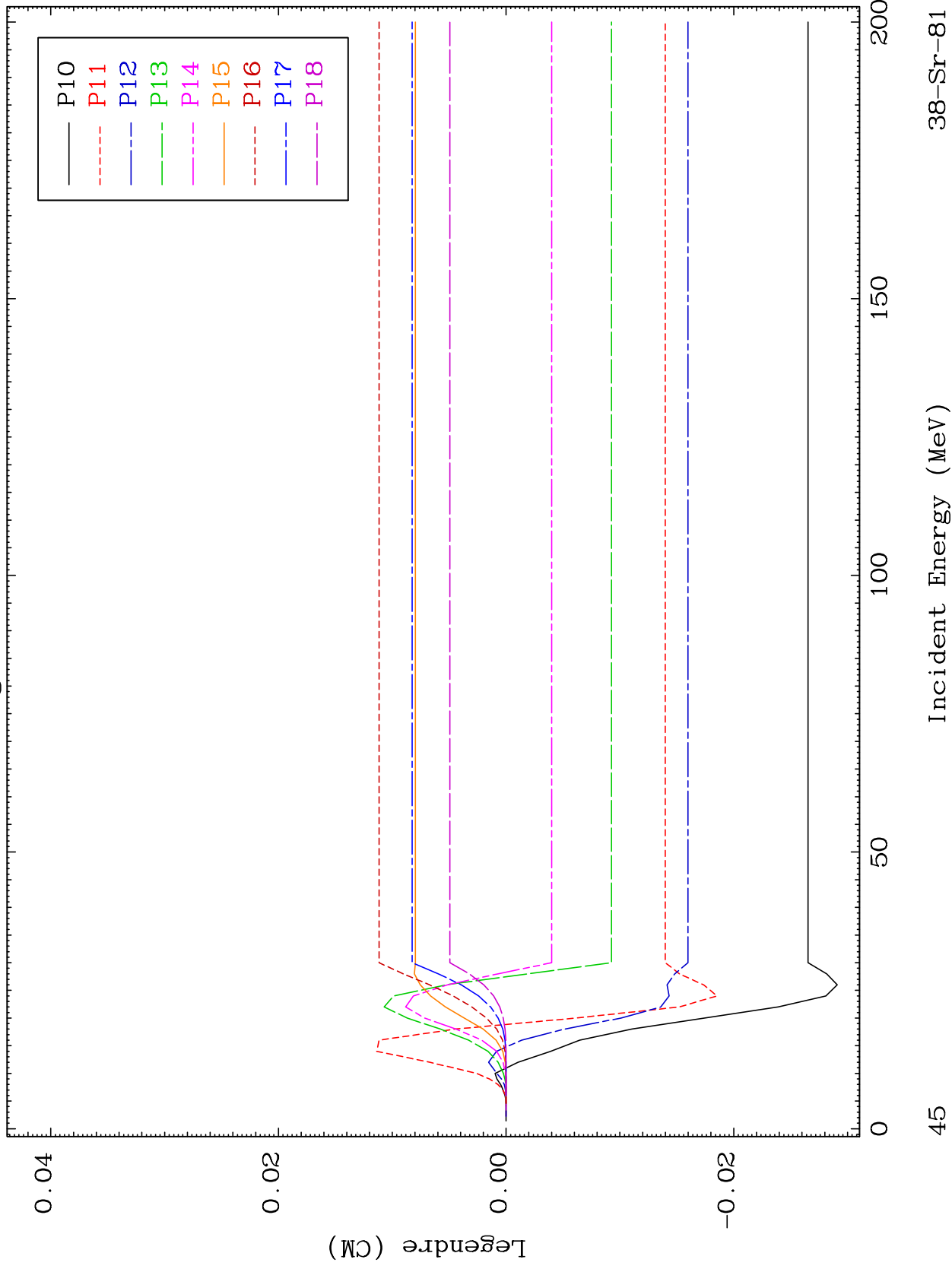
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



38-Sr-81

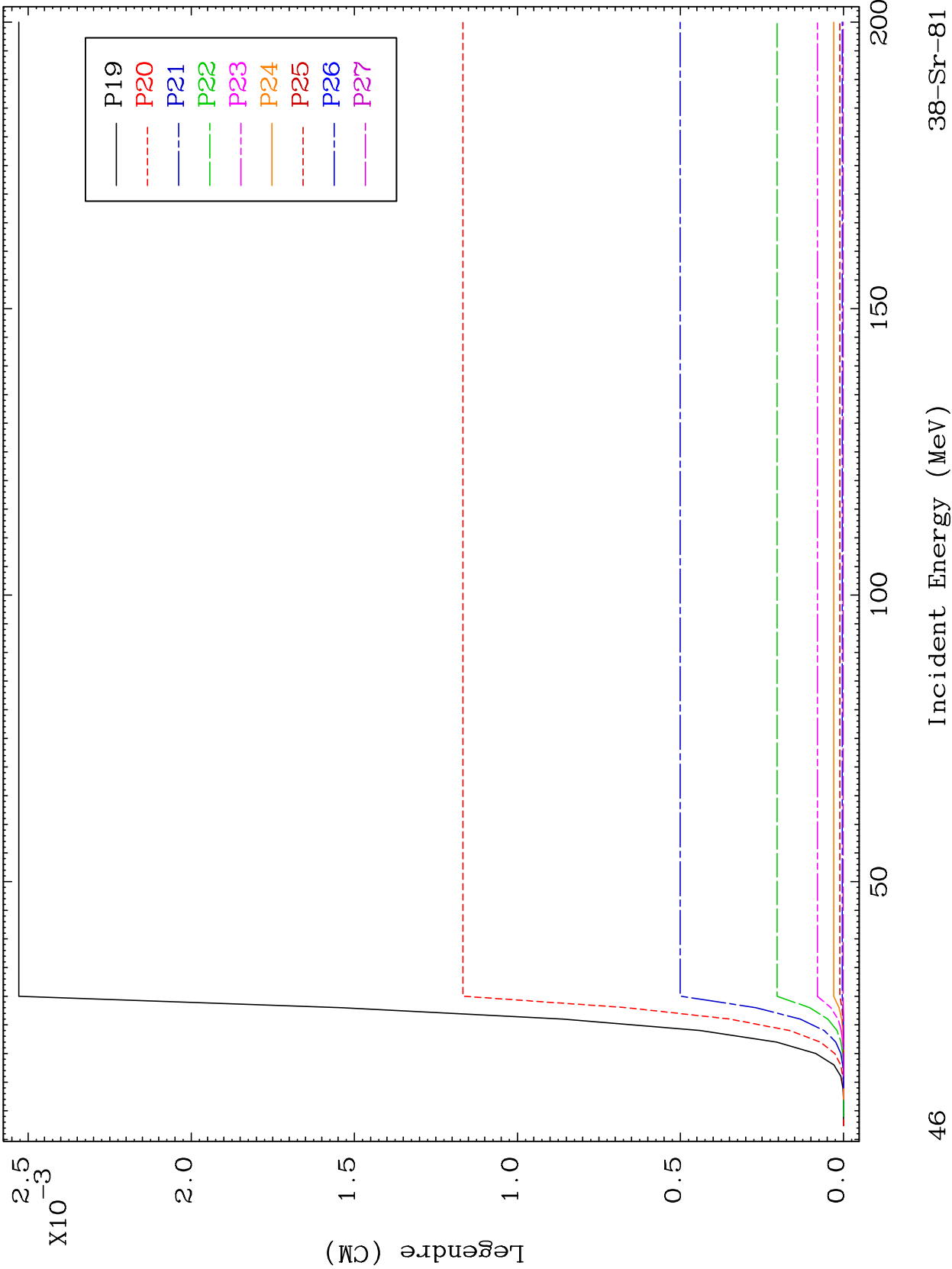
Incident Energy (MeV)

45

MAT 3816

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

38-Sr-81



46

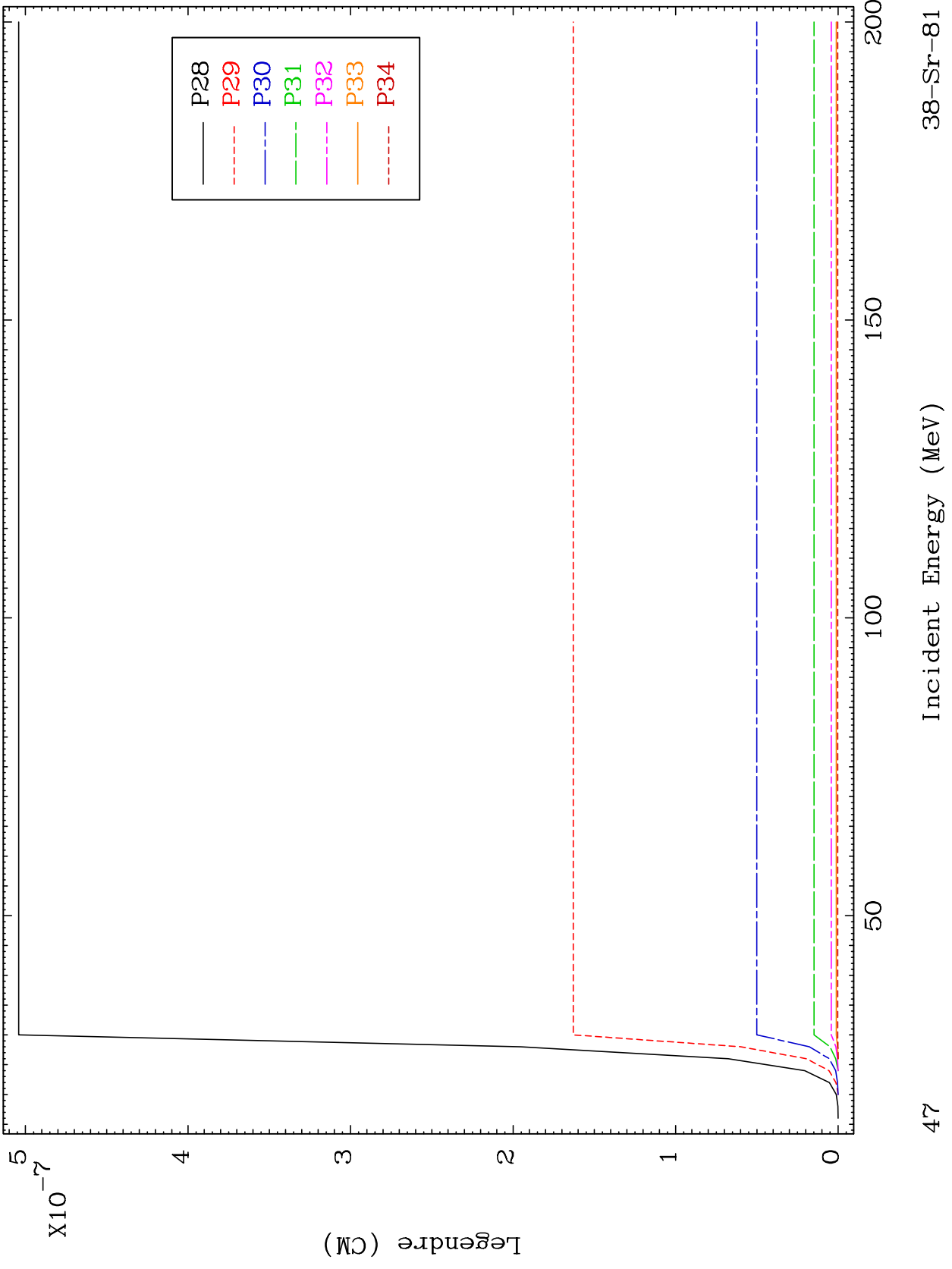
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

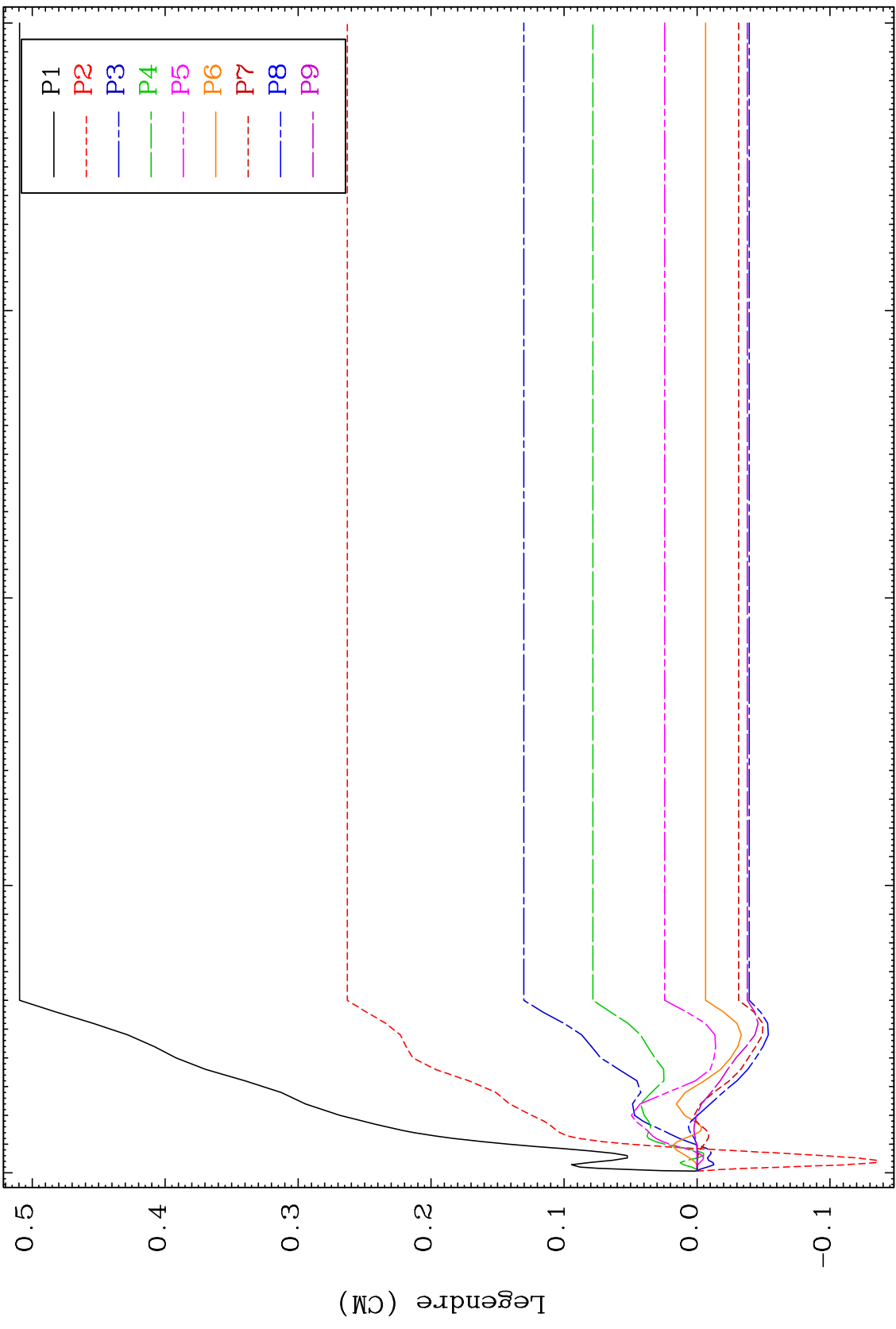
38-Sr-81



MAT 3816

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

38-Sr-81



48

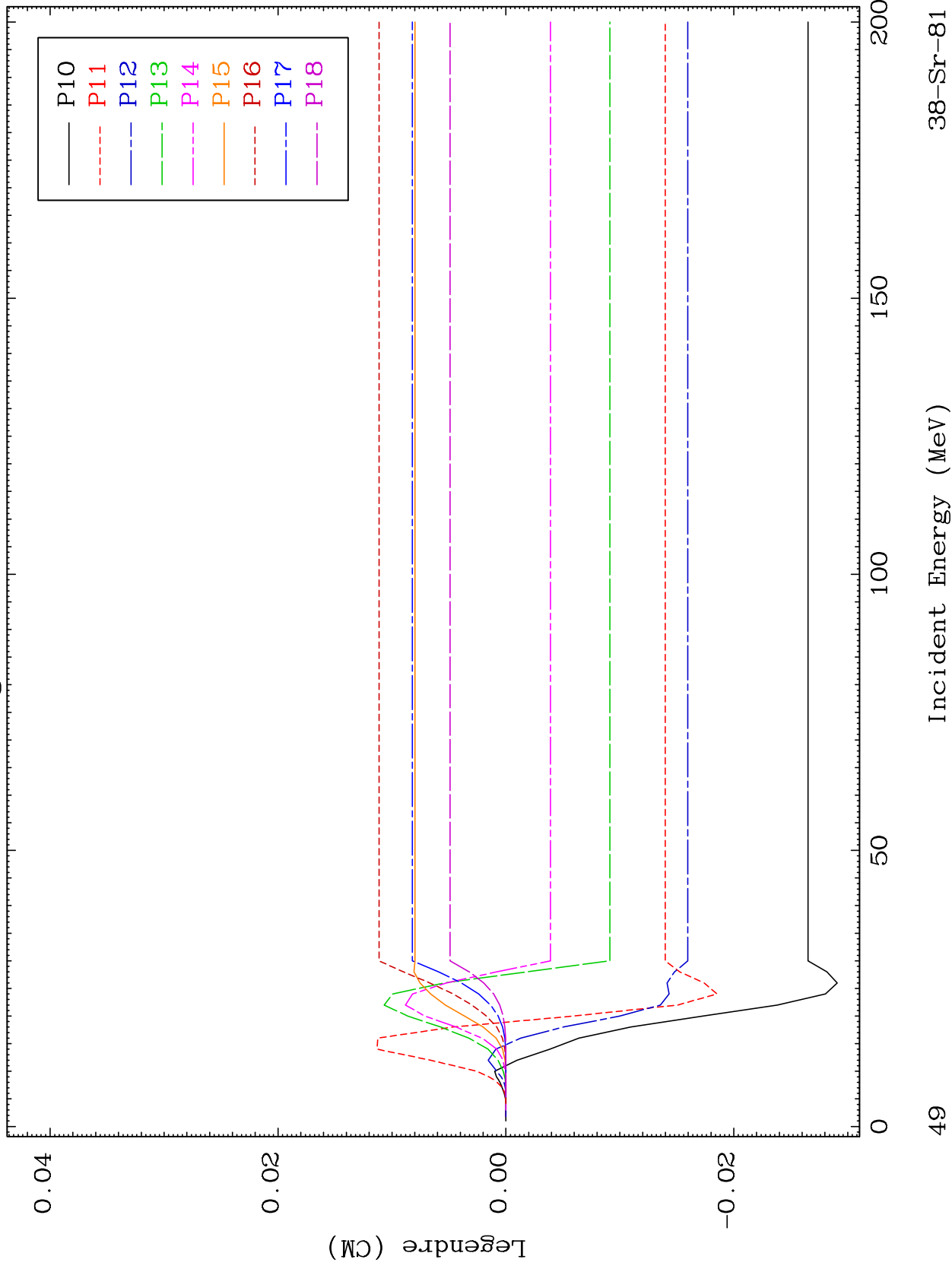
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

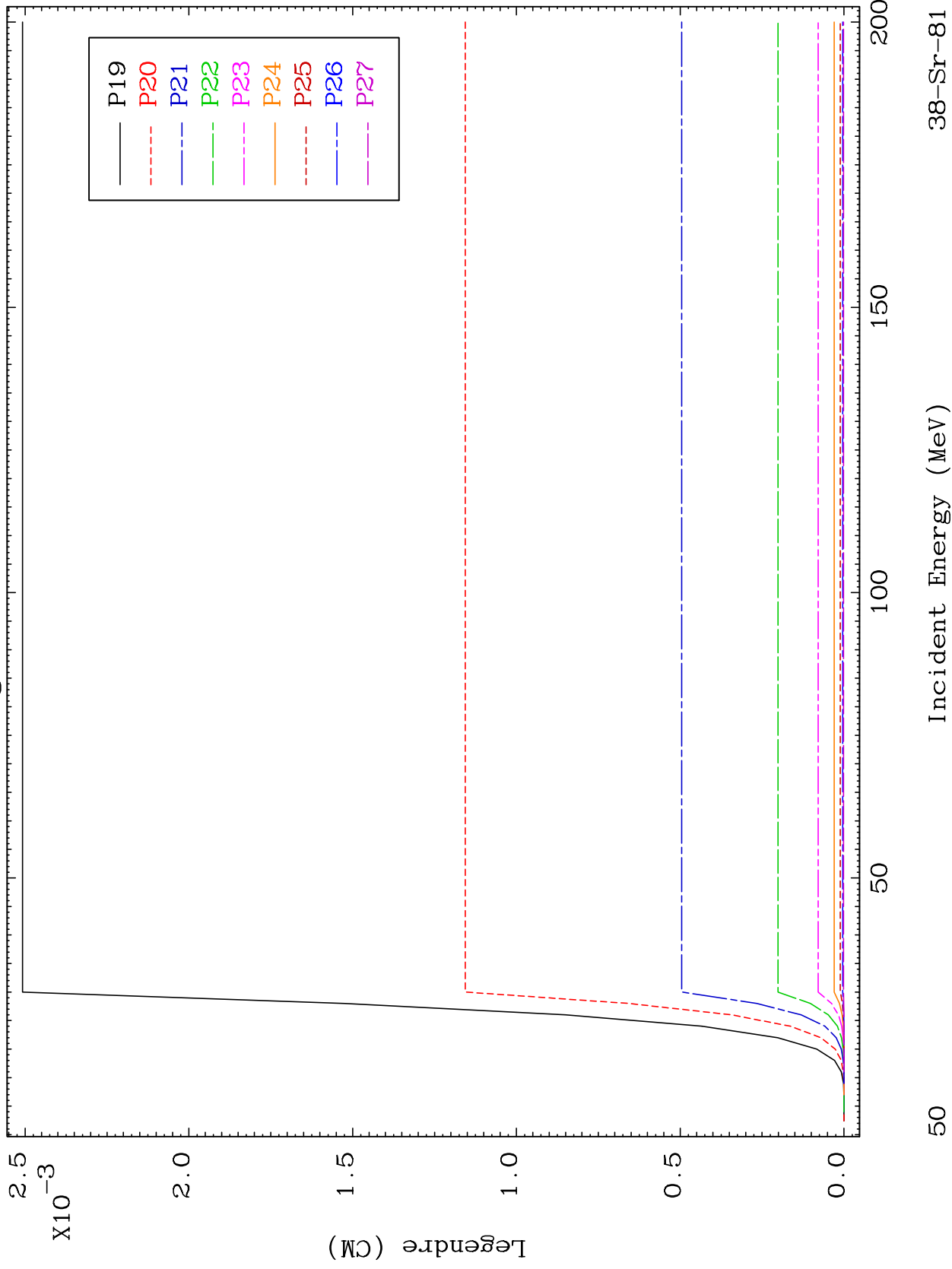
38-Sr-81



MAT 3816

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

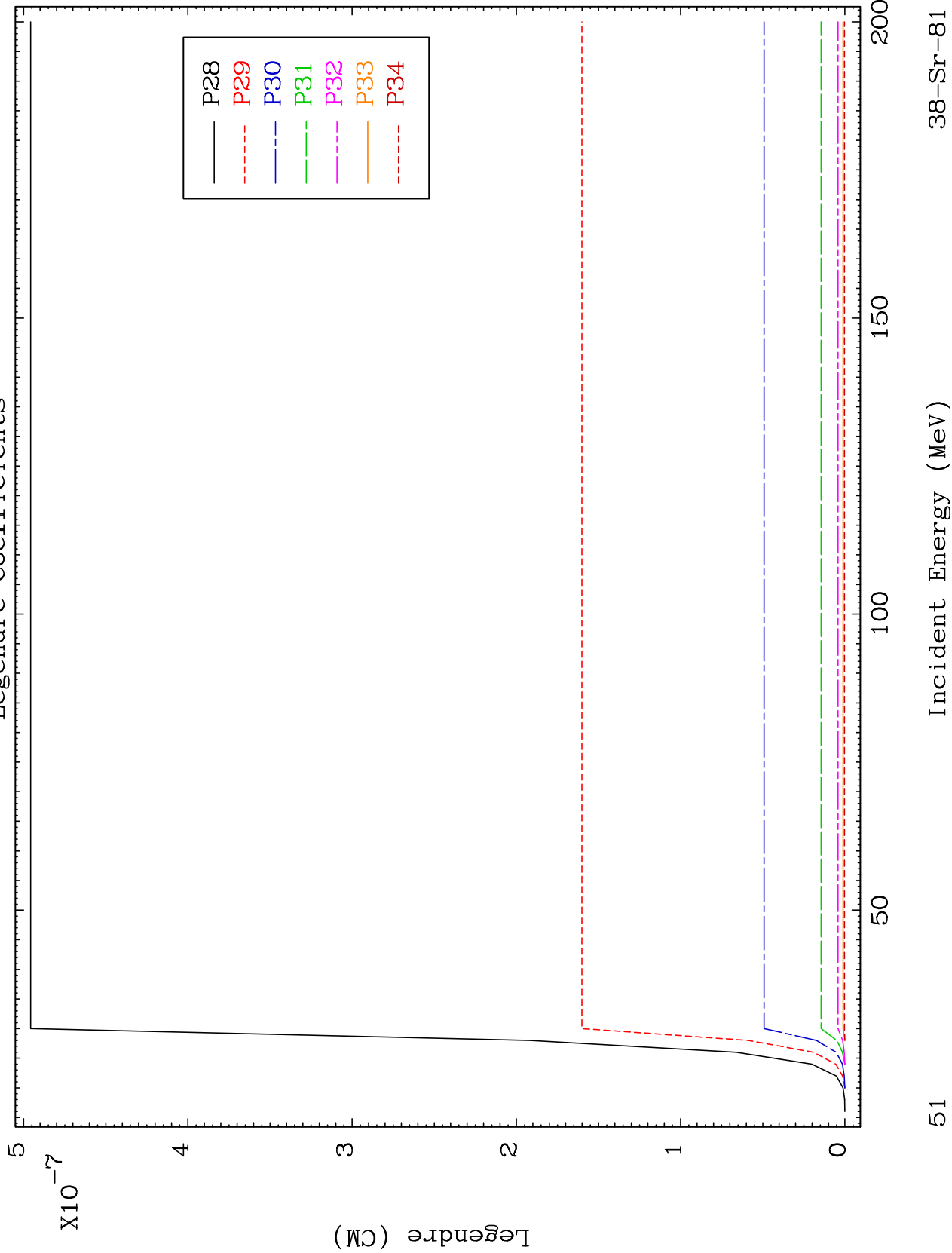
38-Sr-81



MAT 3816

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

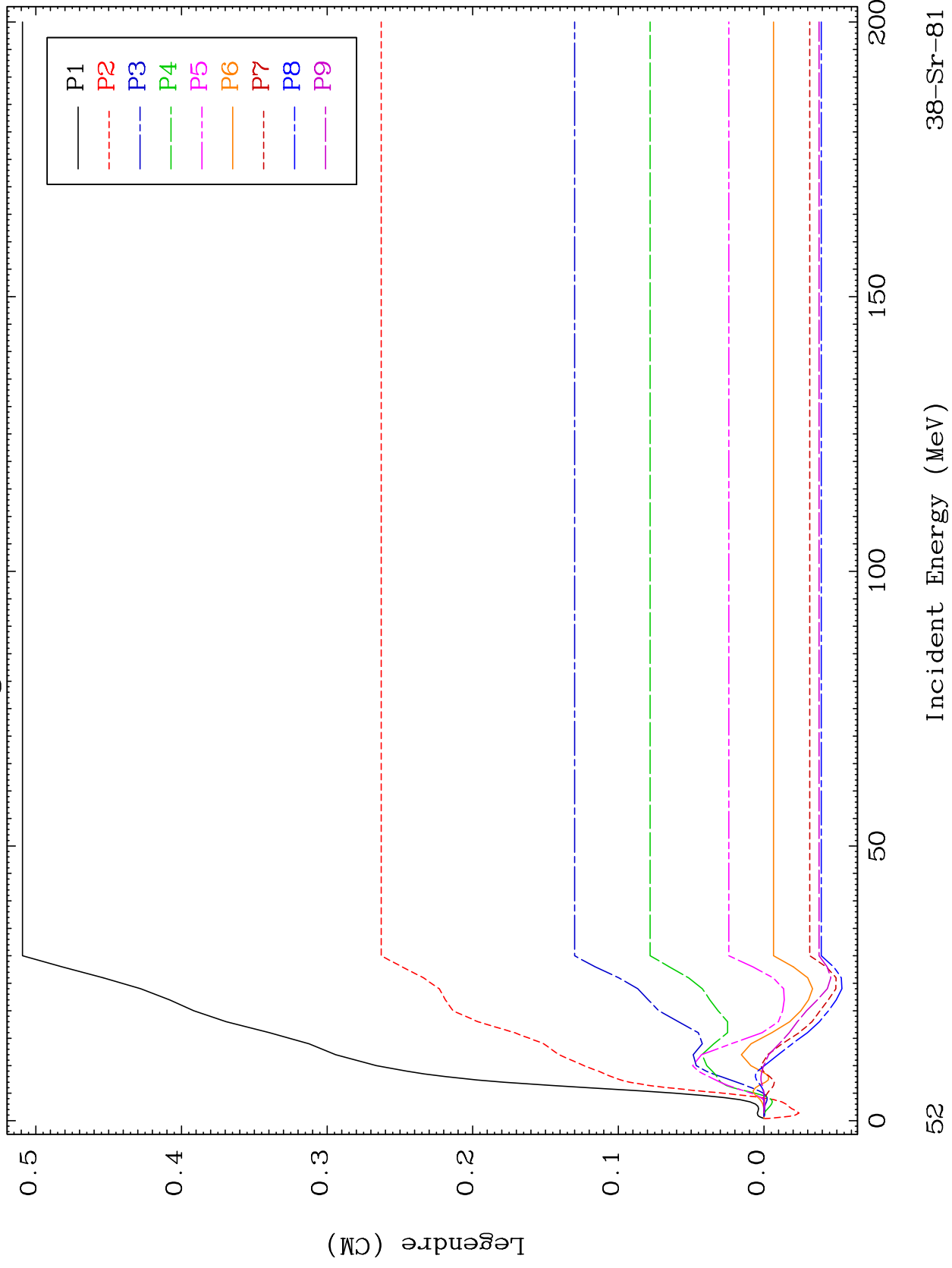
38-Sr-81



MAT 3816

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

38-Sr-81



52

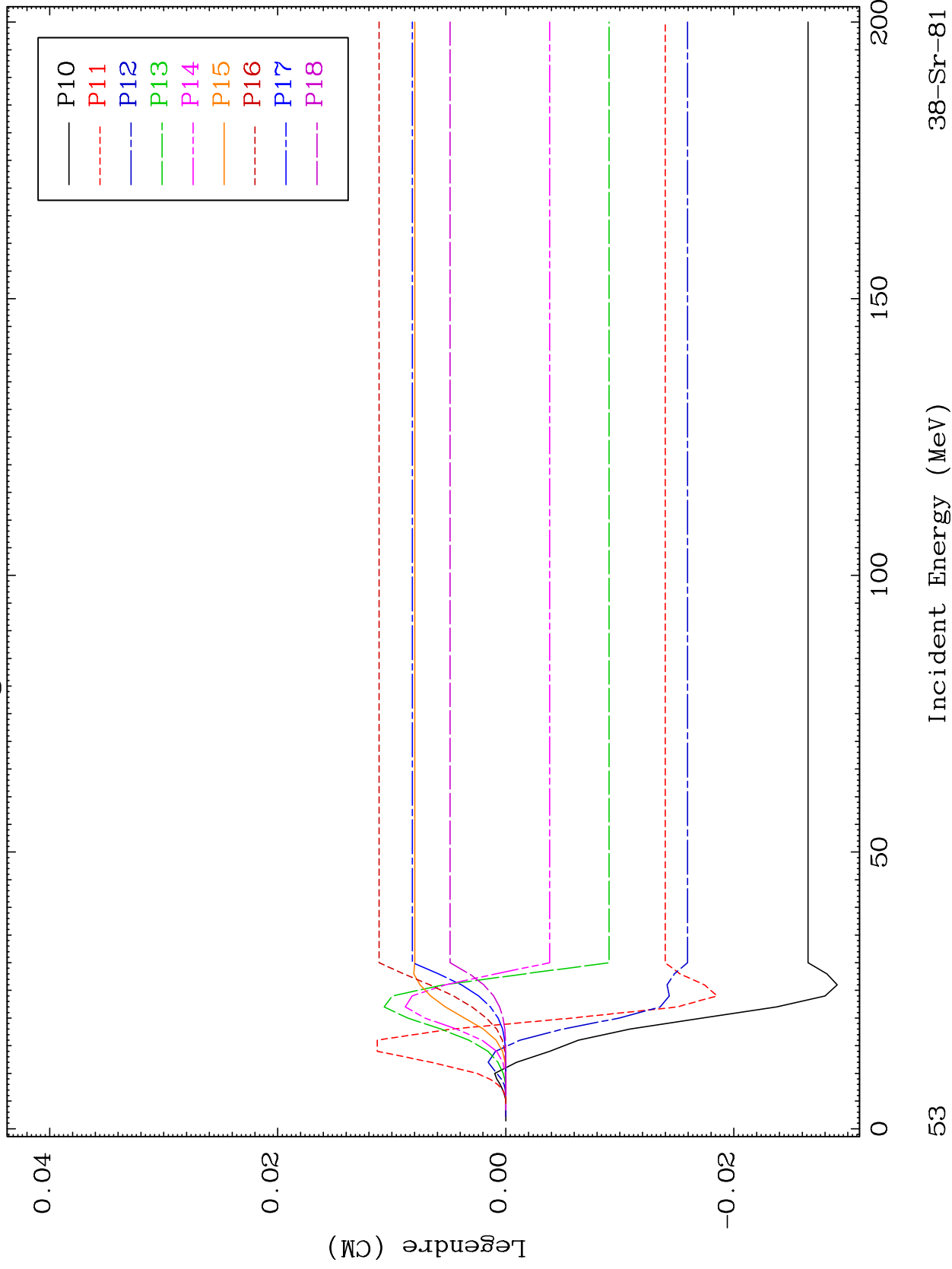
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

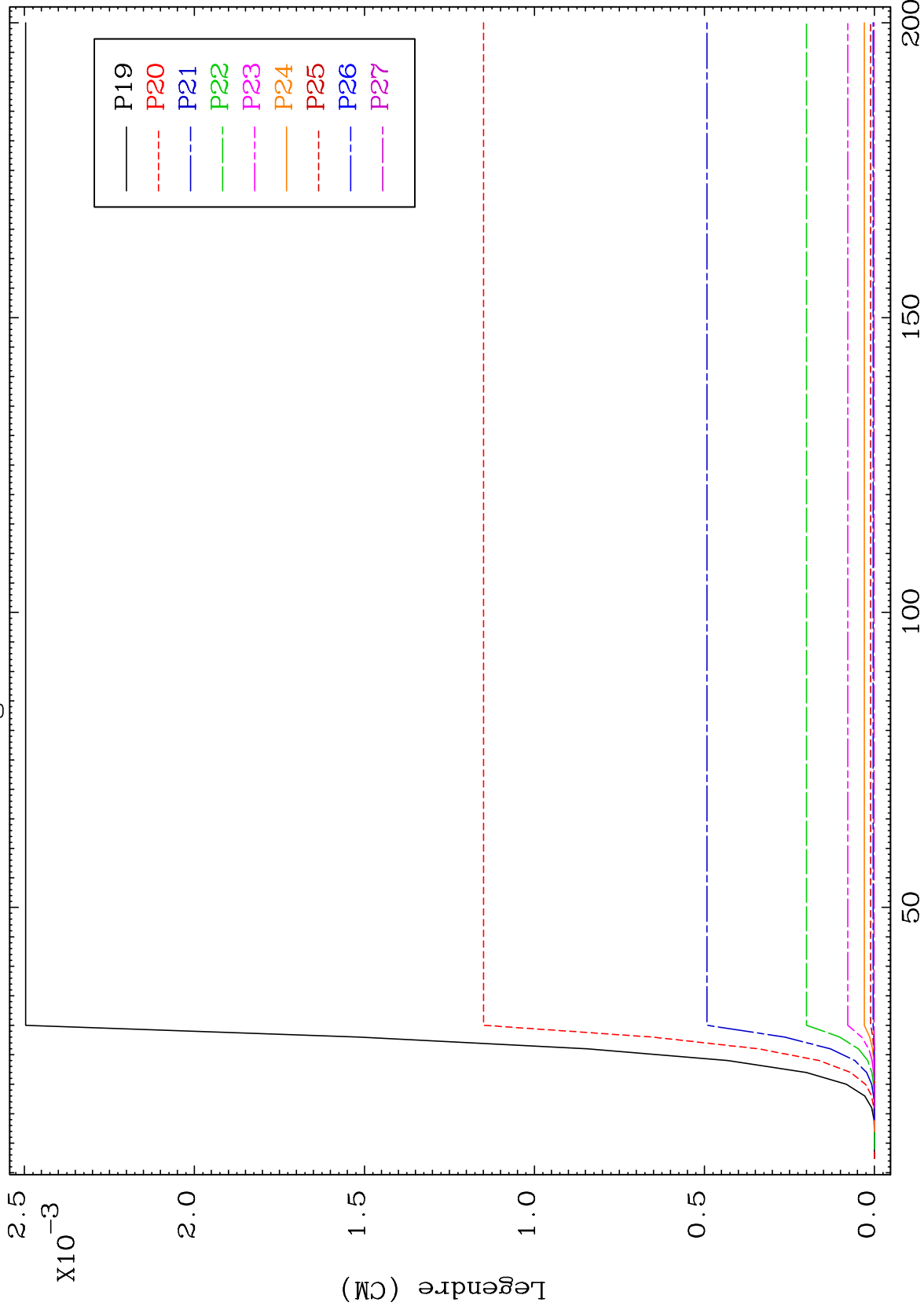
38-Sr-81



53

Incident Energy (MeV)

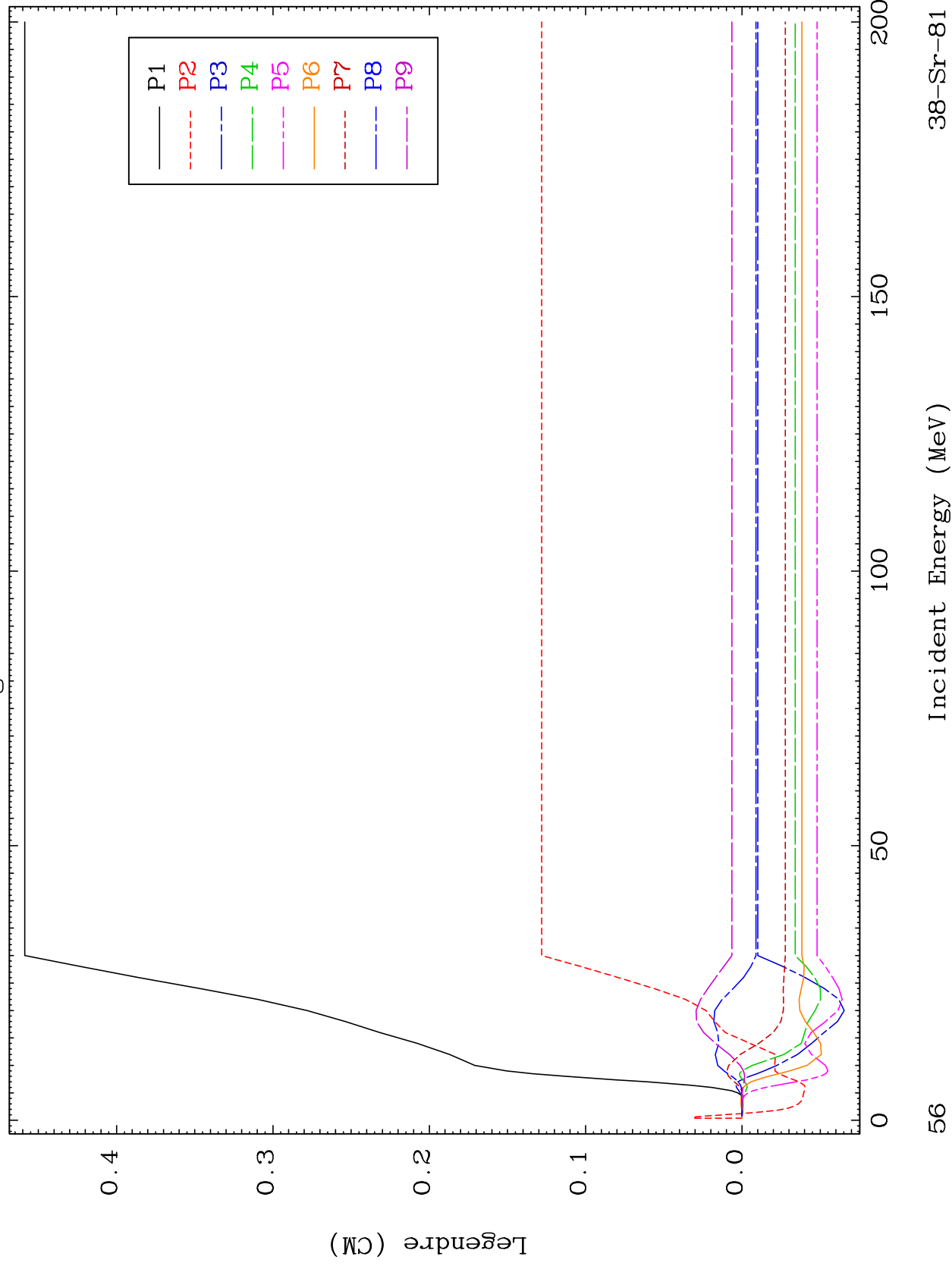
38-Sr-81



MAT 3816

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

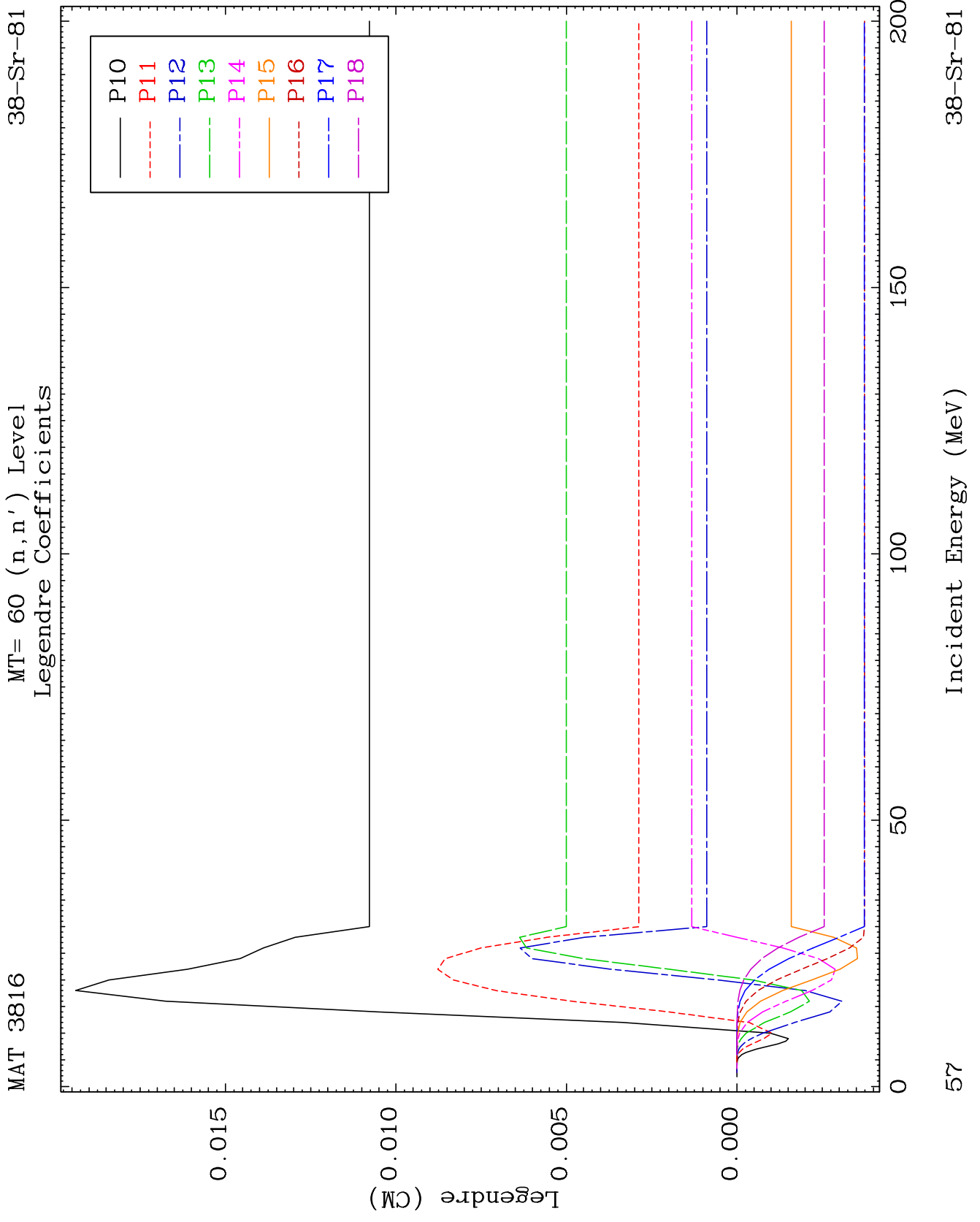
38-Sr-81

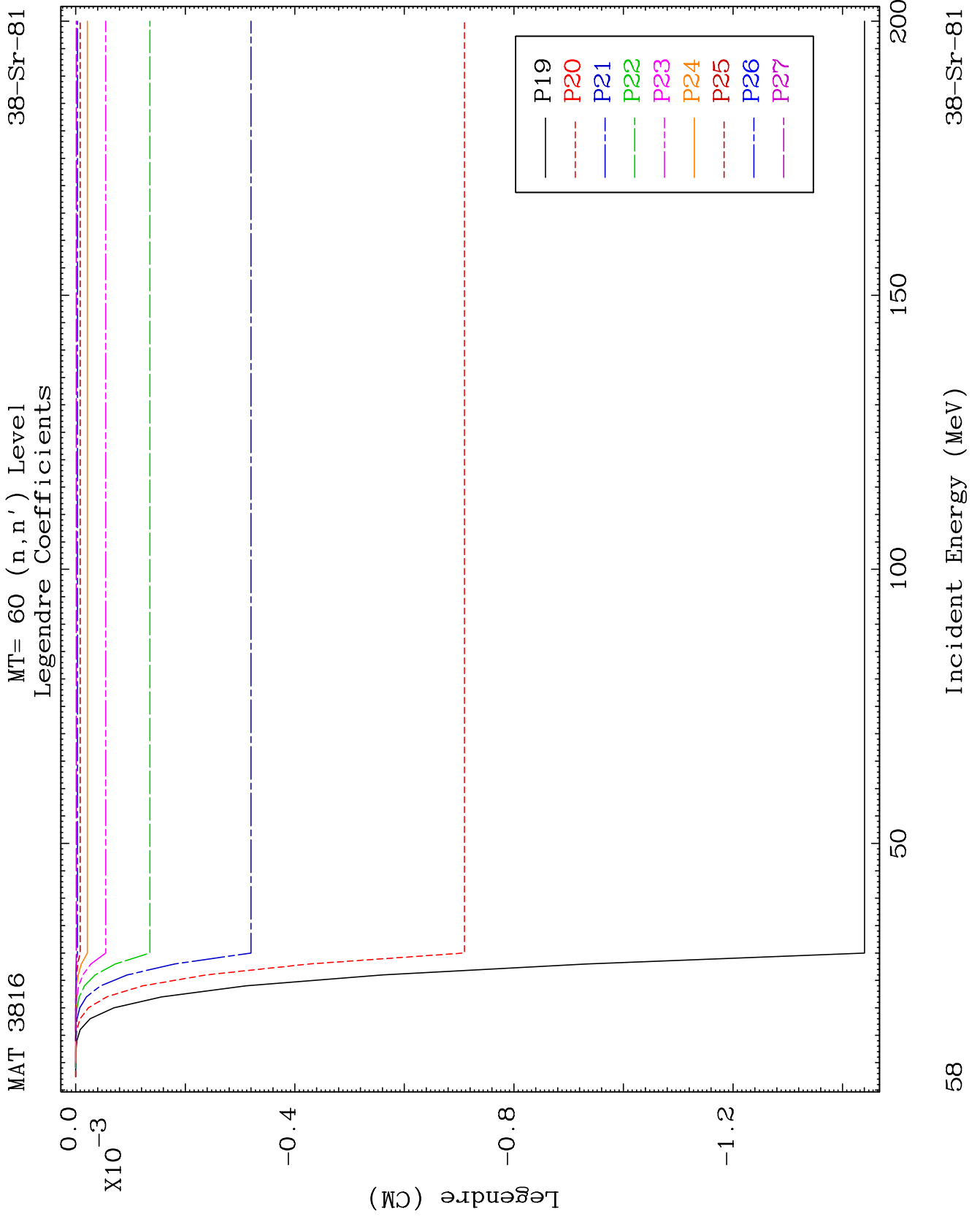


56

Incident Energy (MeV)

38-Sr-81

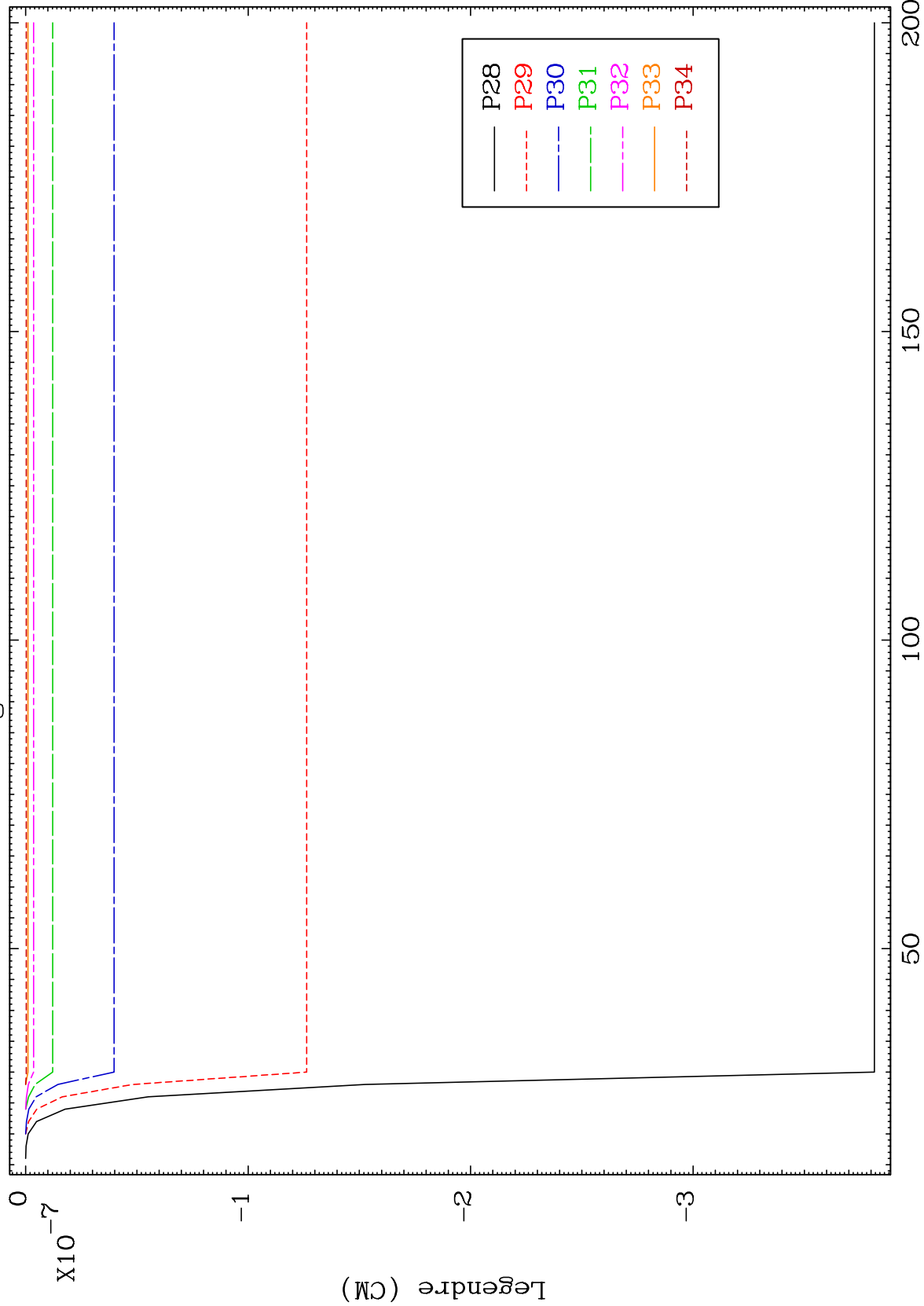




MAT 3816

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

38-Sr-81



59

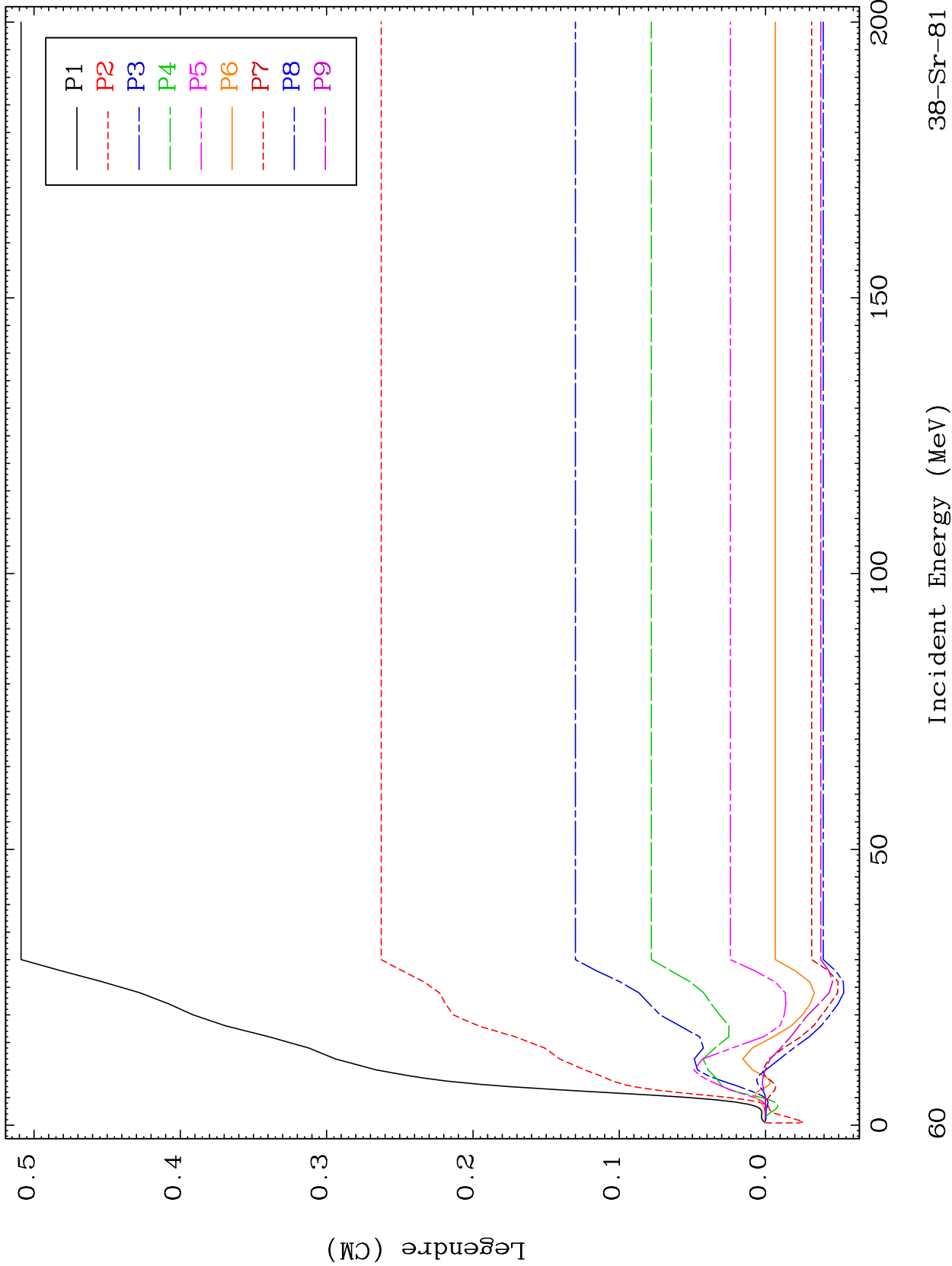
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



38-Sr-81

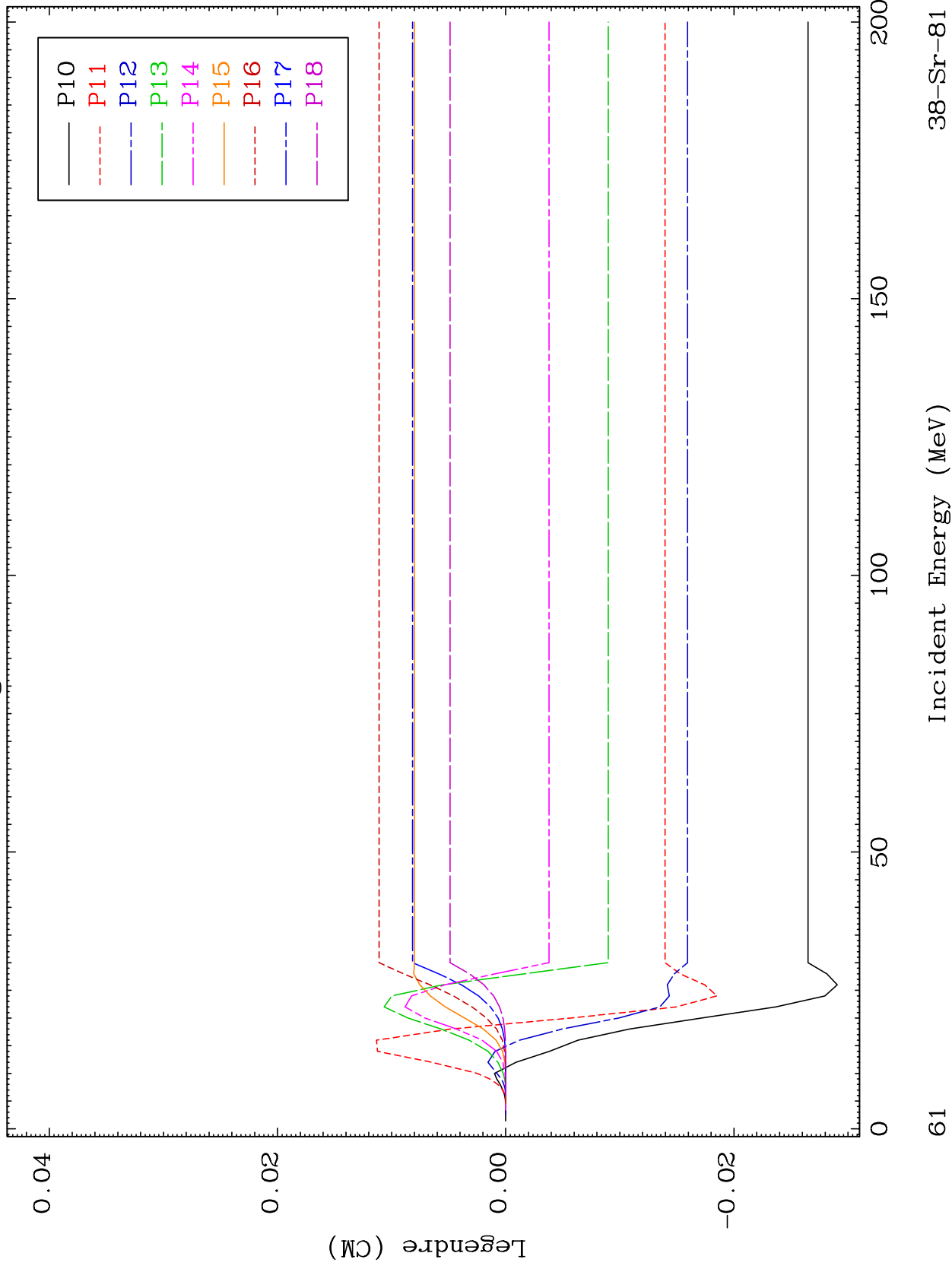
Incident Energy (MeV)

60

MAT 3816

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

38-Sr-81



61

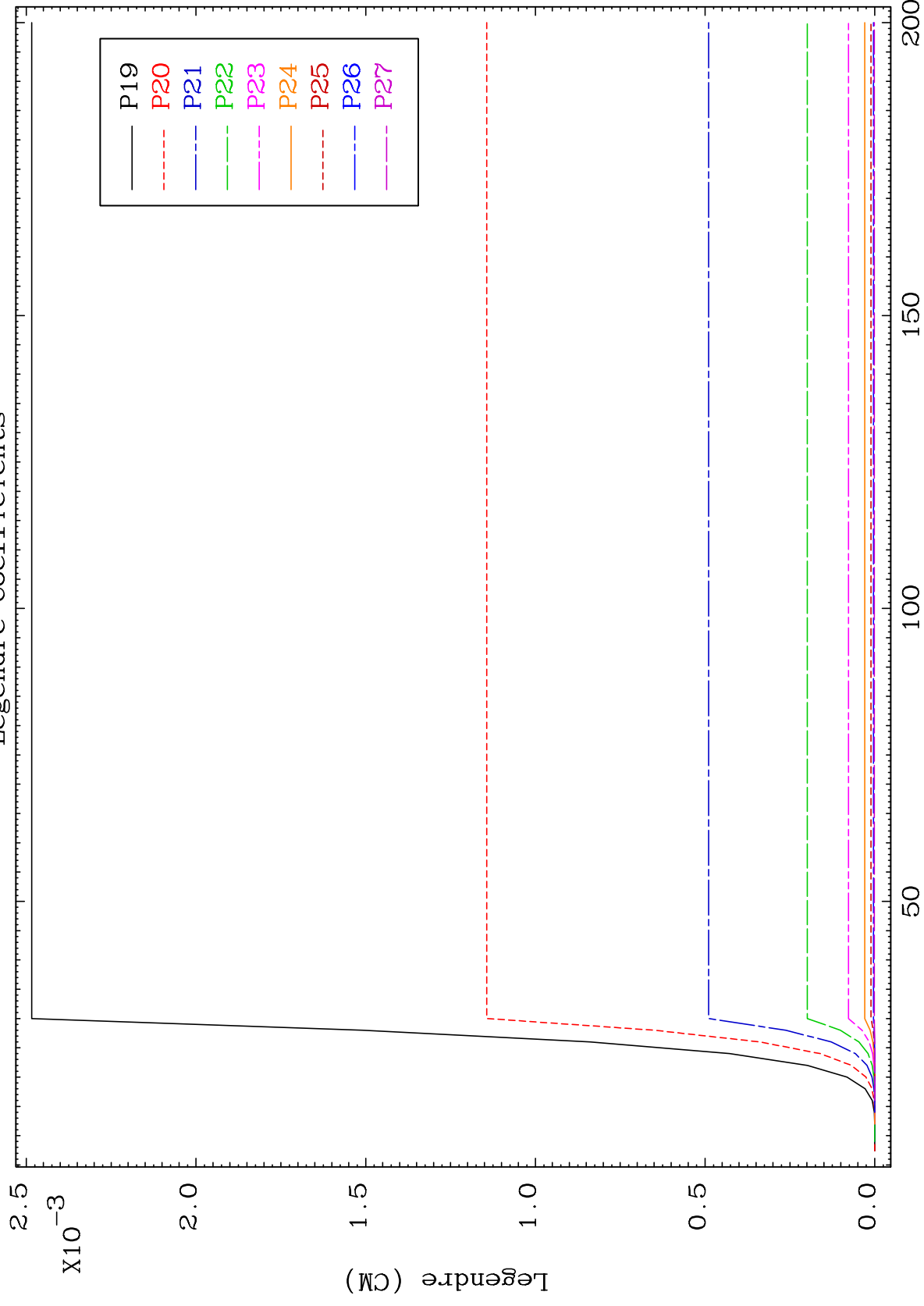
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



62

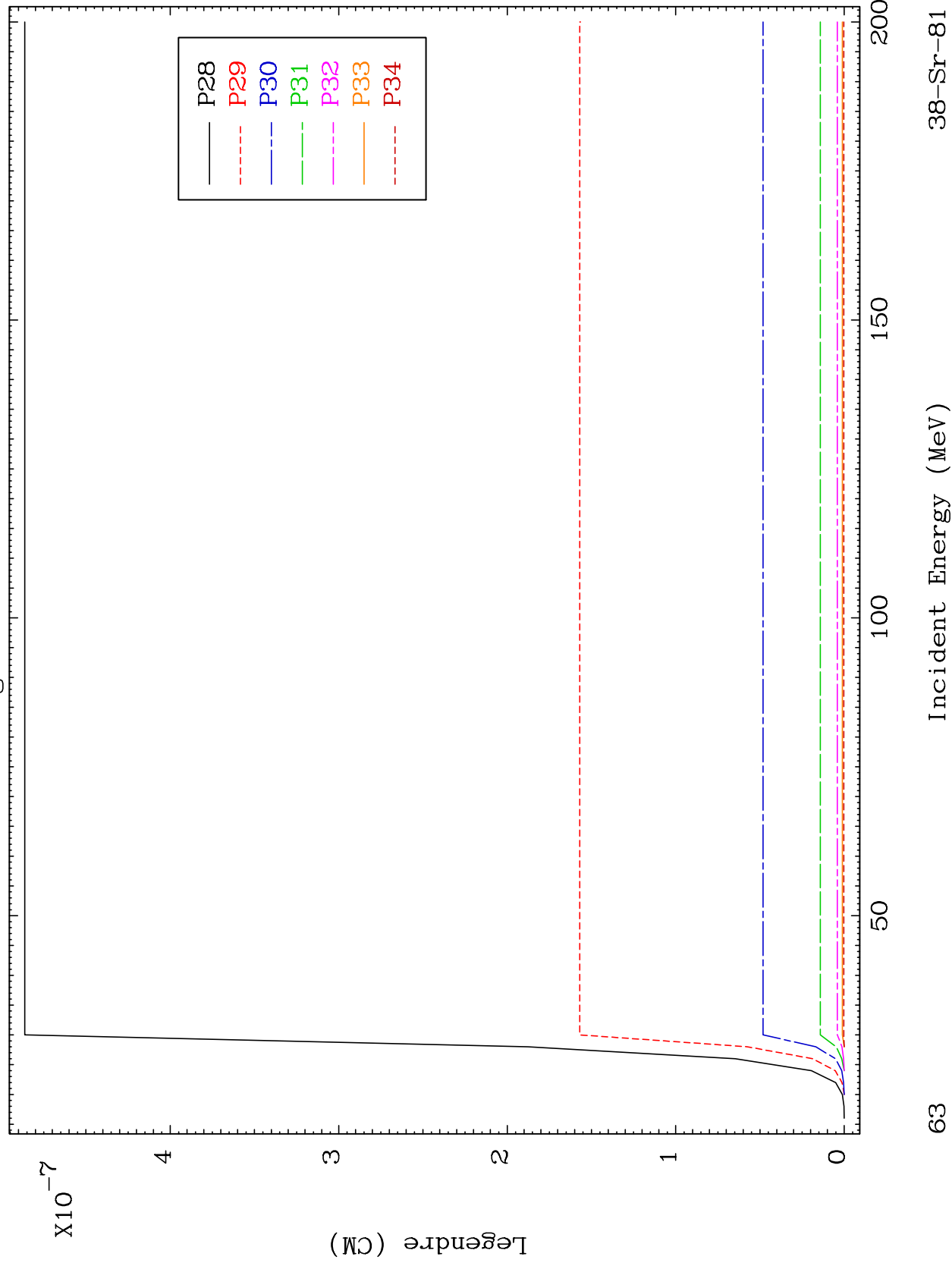
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

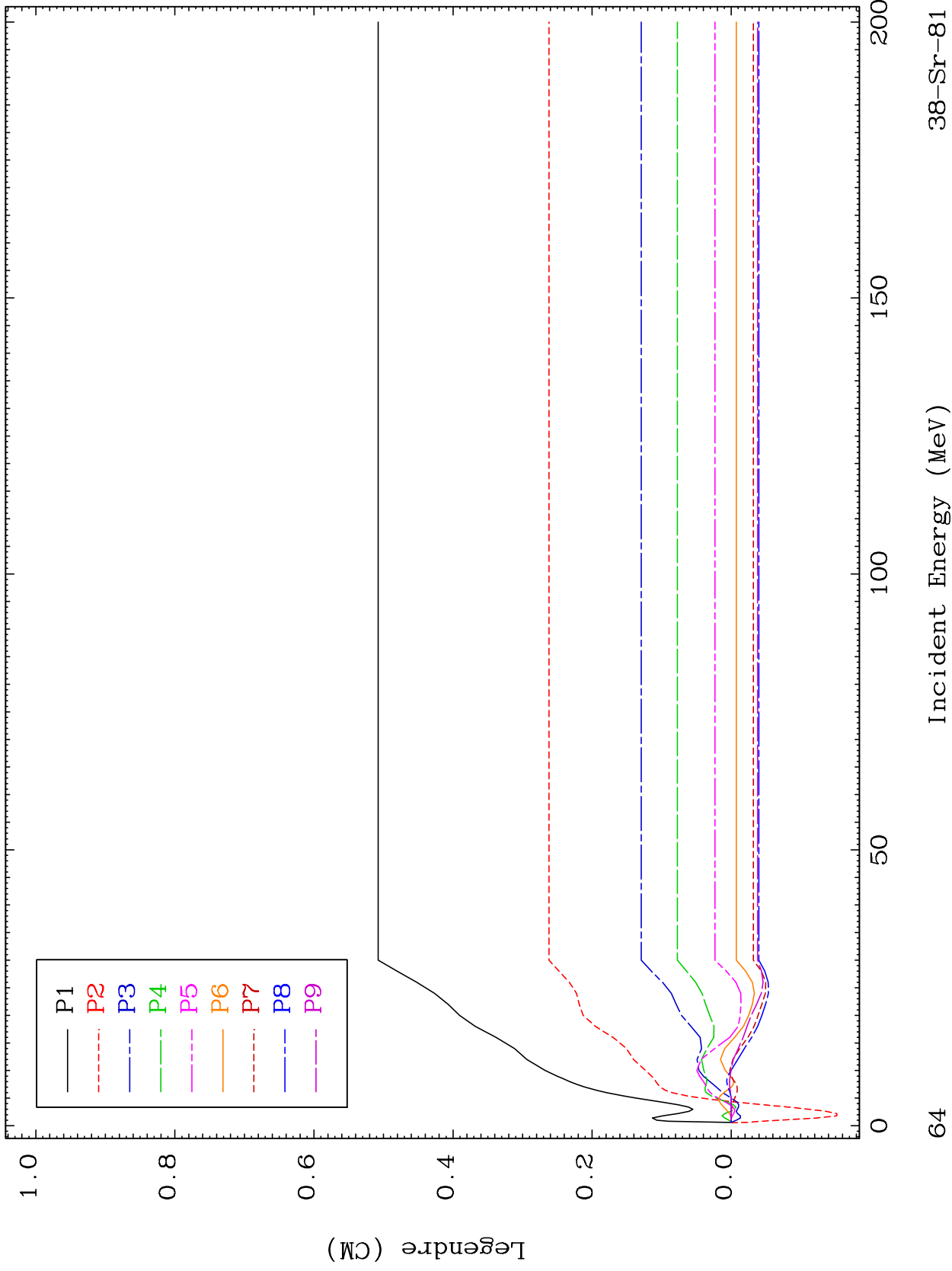
38-Sr-81



MAT 3816

38-Sr-81

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



64

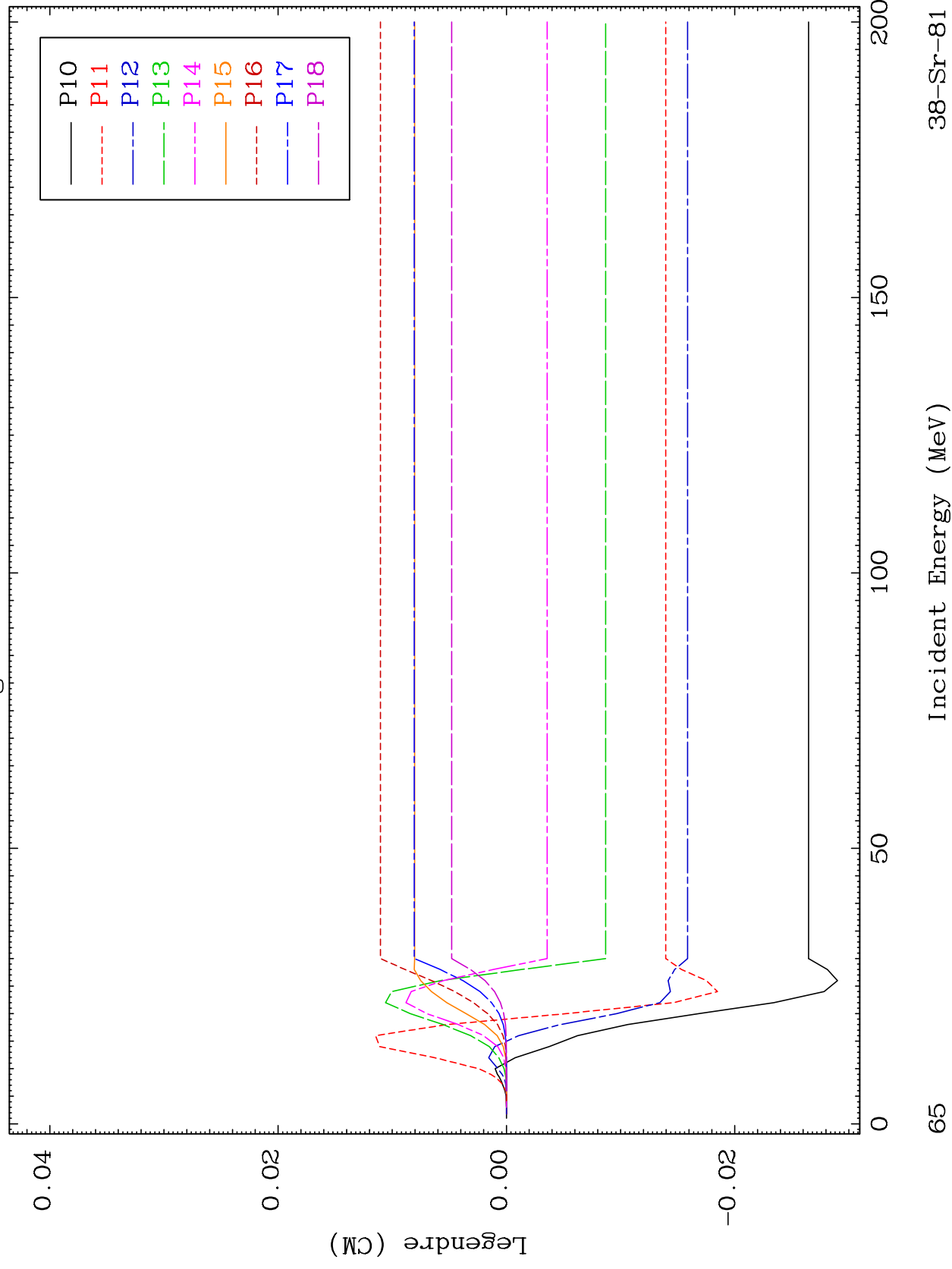
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

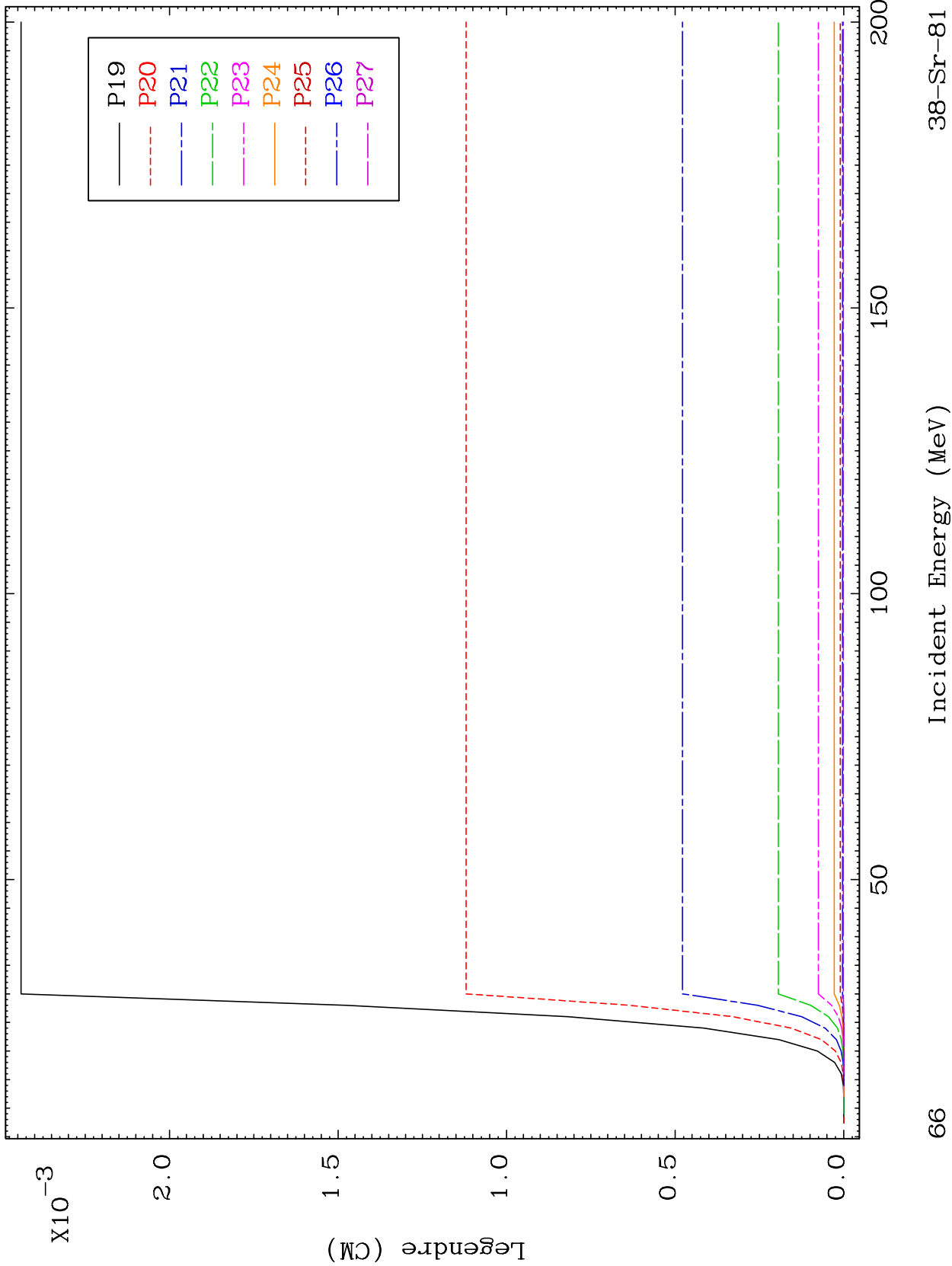
38-Sr-81



38-Sr-81

Incident Energy (MeV)

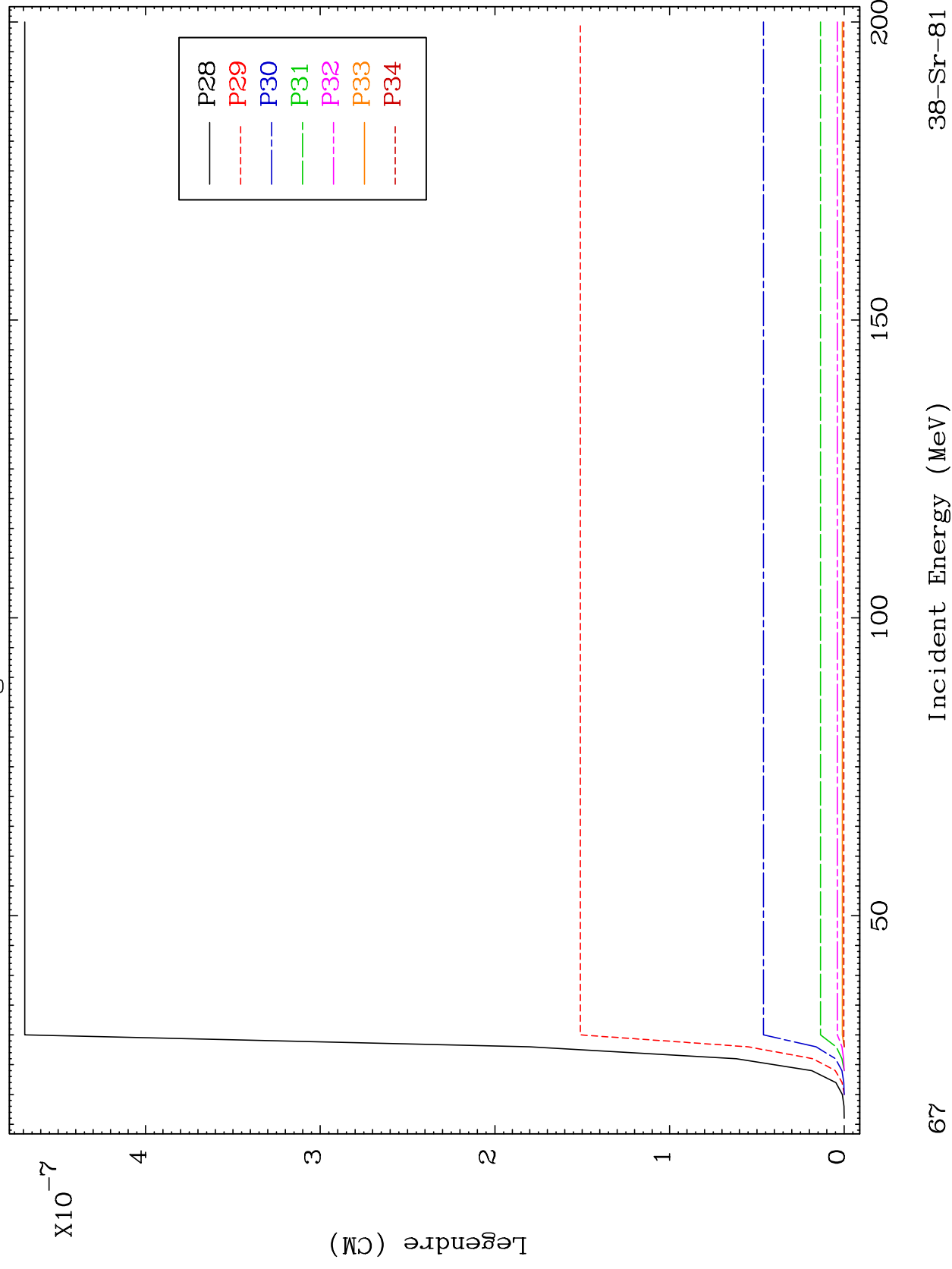
65



MAT 3816

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

38-Sr-81



67

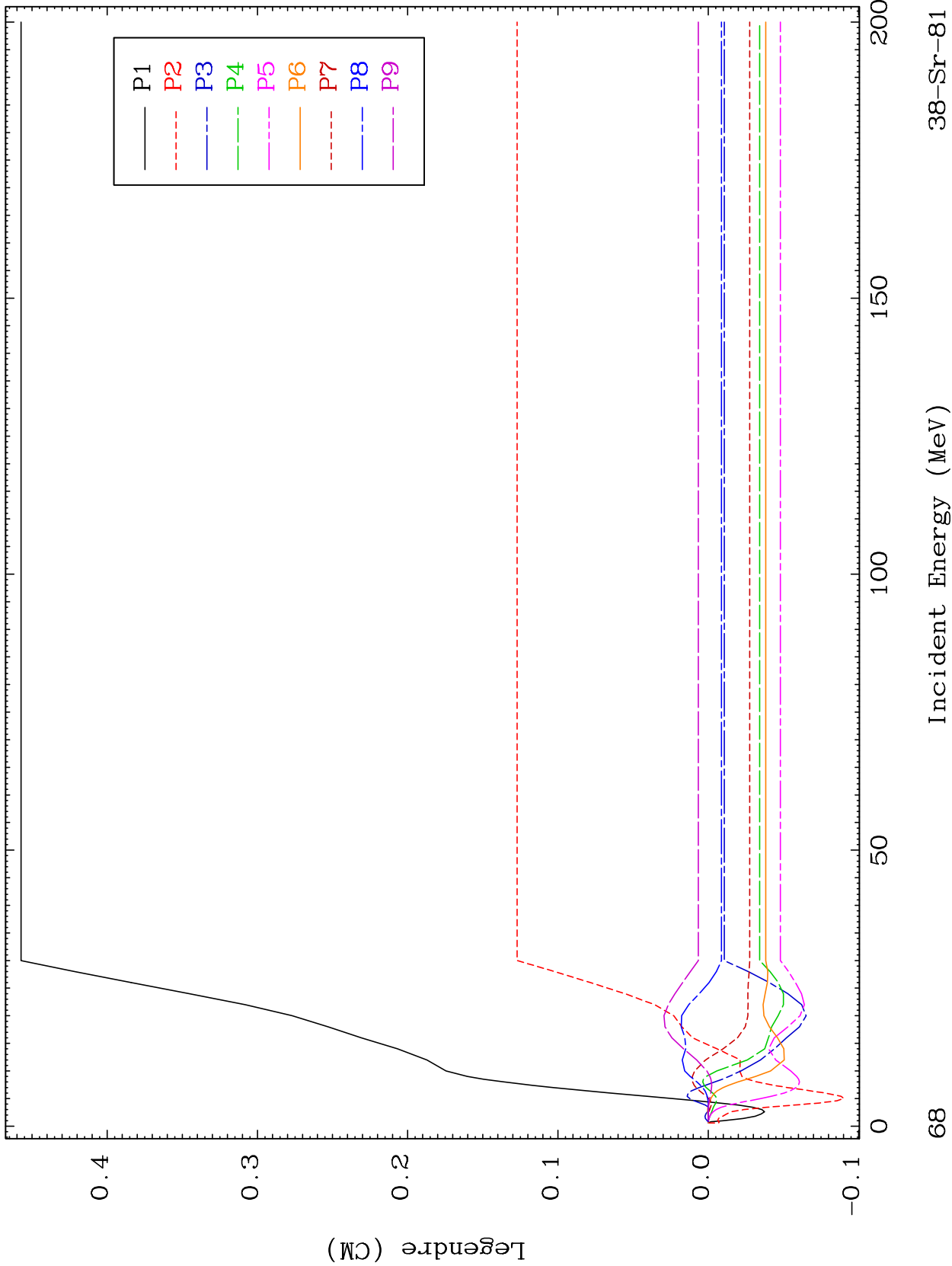
Incident Energy (MeV)

38-Sr-81

MAT 3816

MT= 63 (n,n') Level
Legendre Coefficients

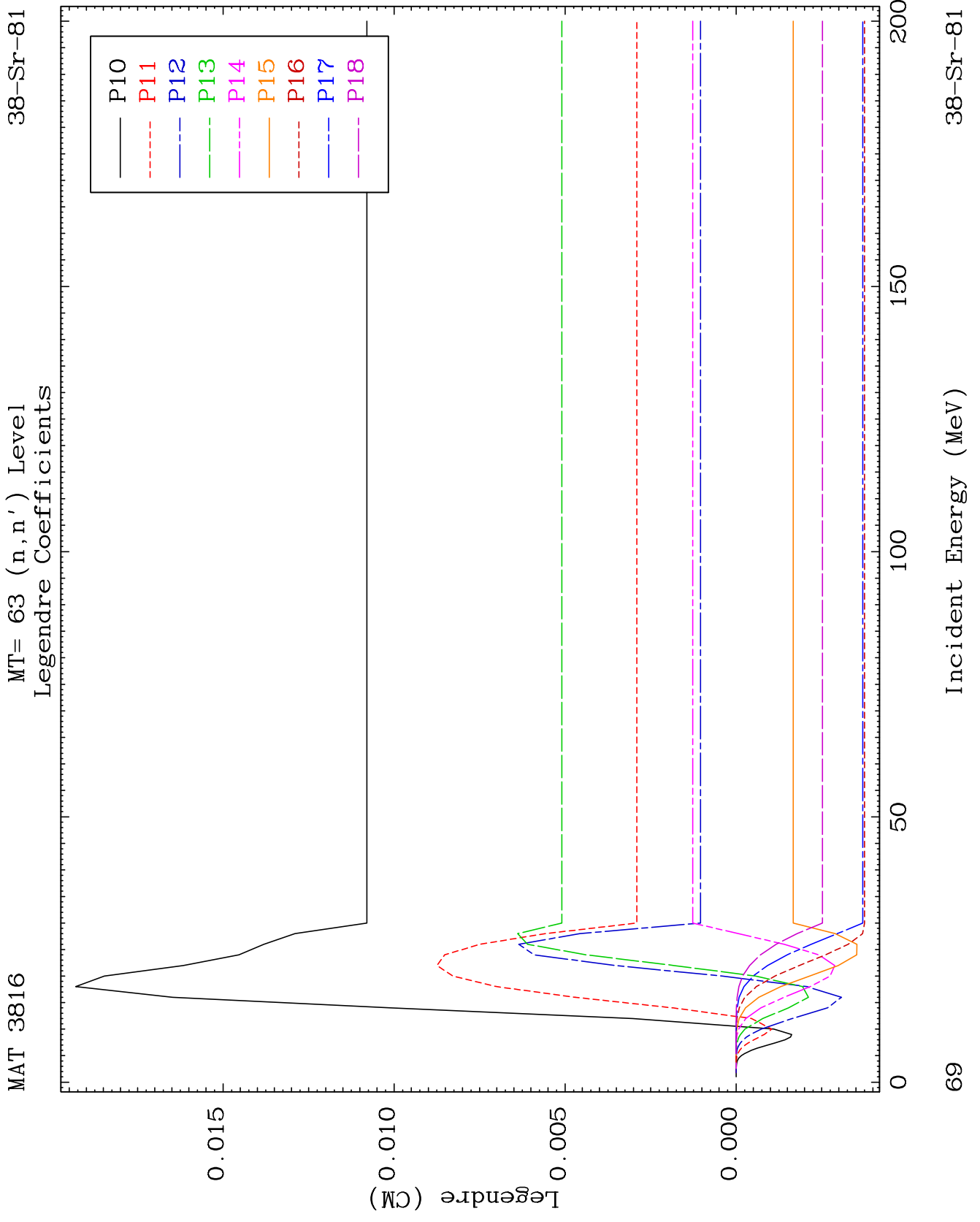
38-Sr-81

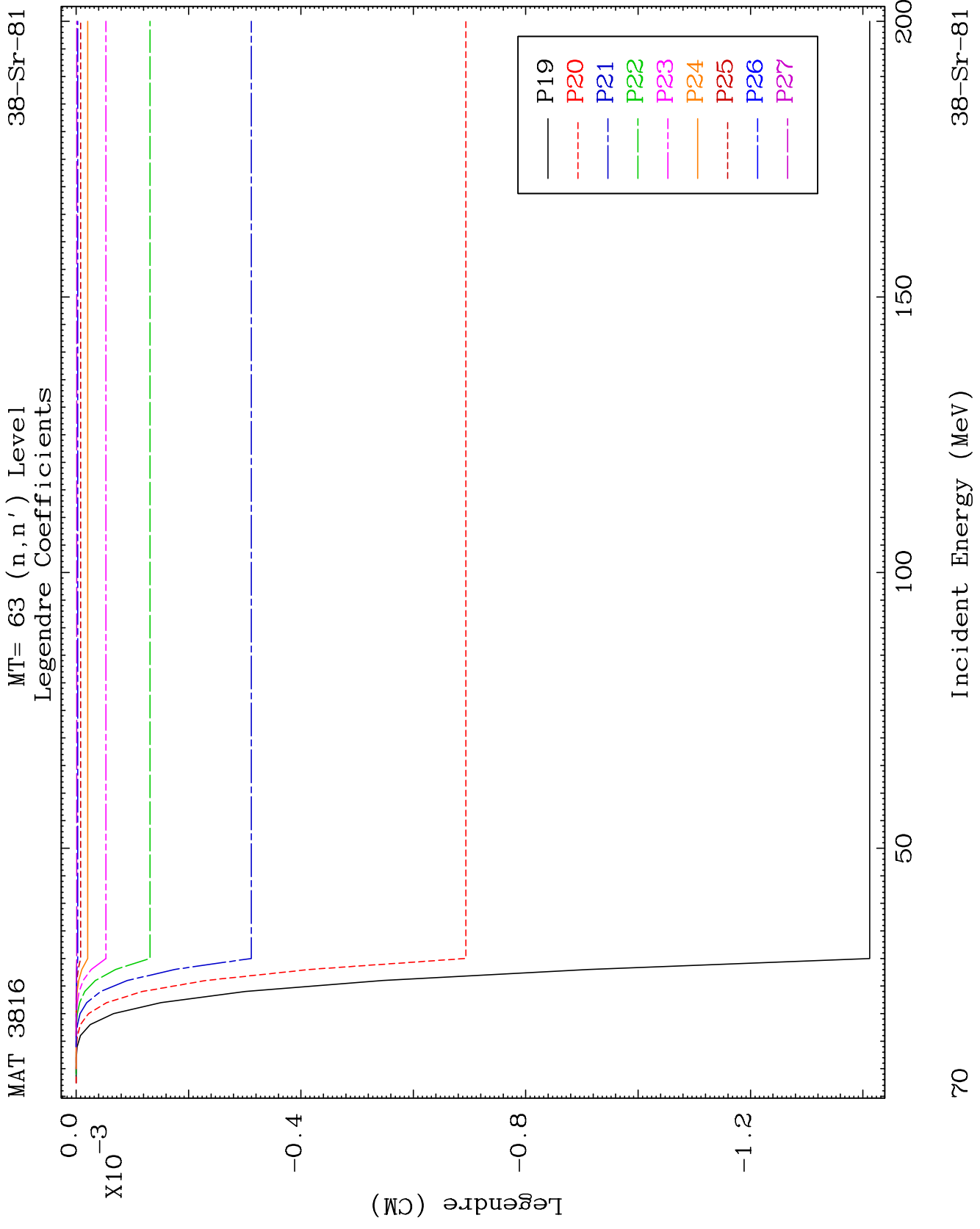


38-Sr-81

Incident Energy (MeV)

68

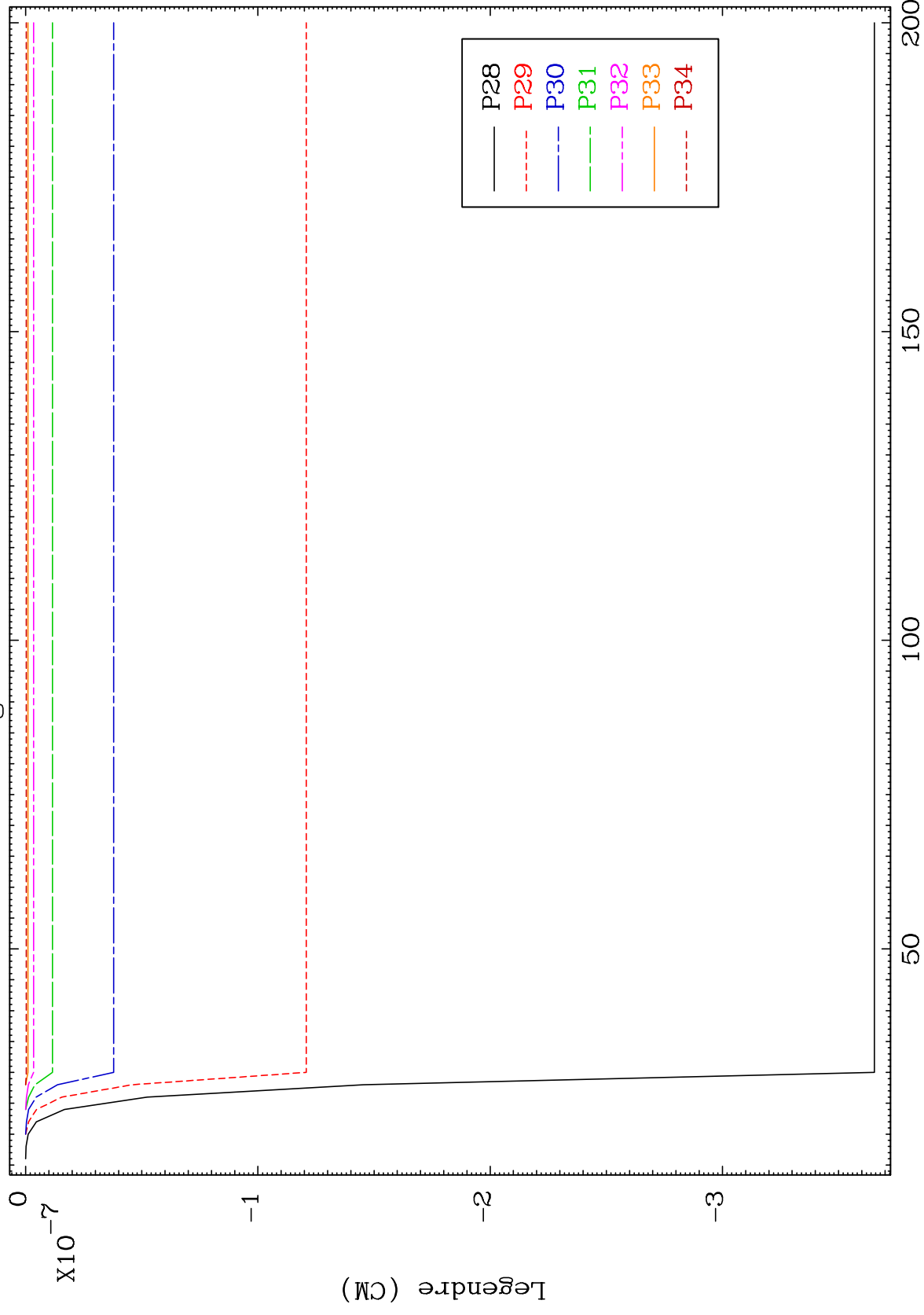




MAT 3816

MT= 63 (n,n') Level
Legendre Coefficients

38-Sr-81



71

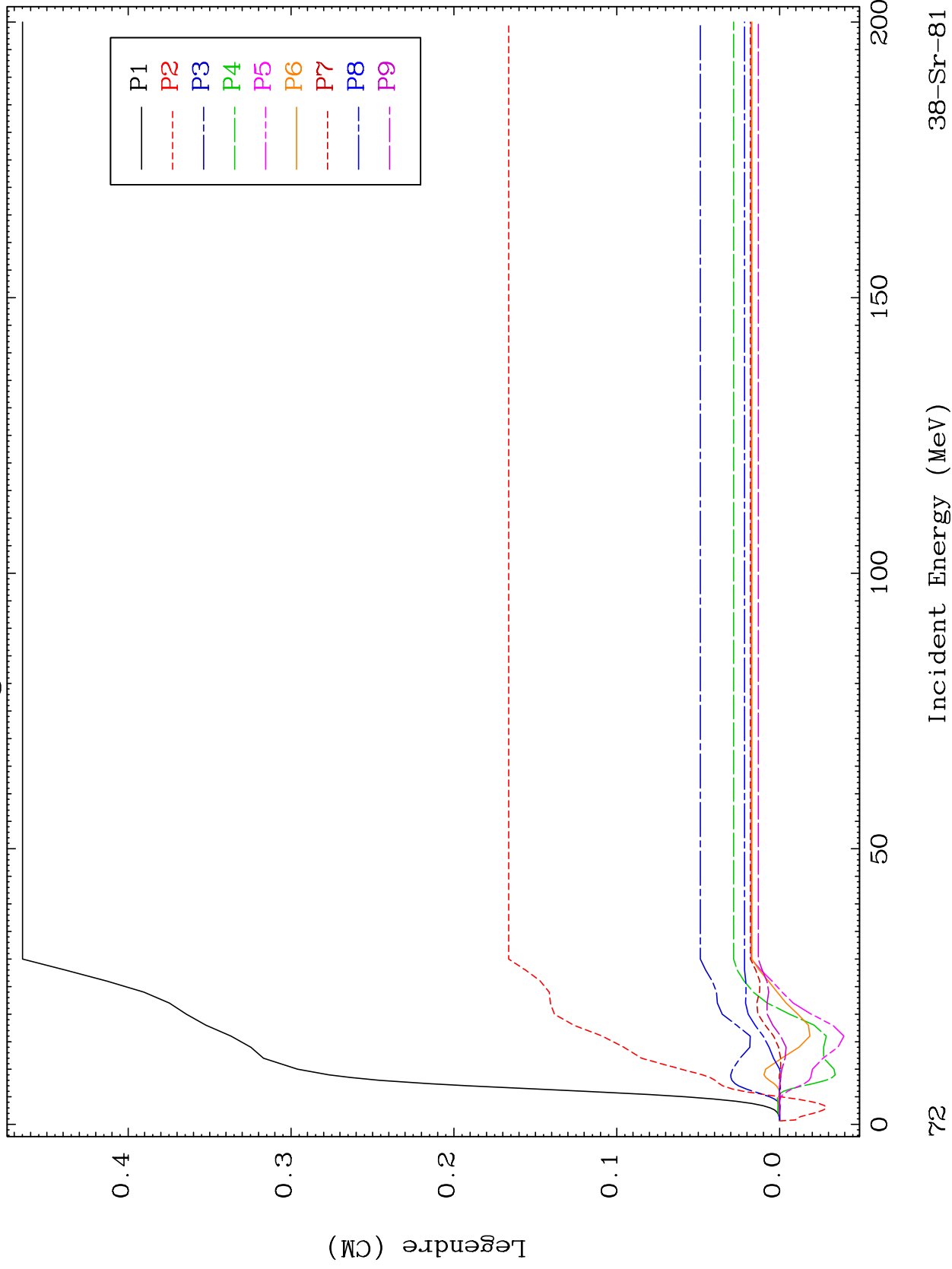
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



72

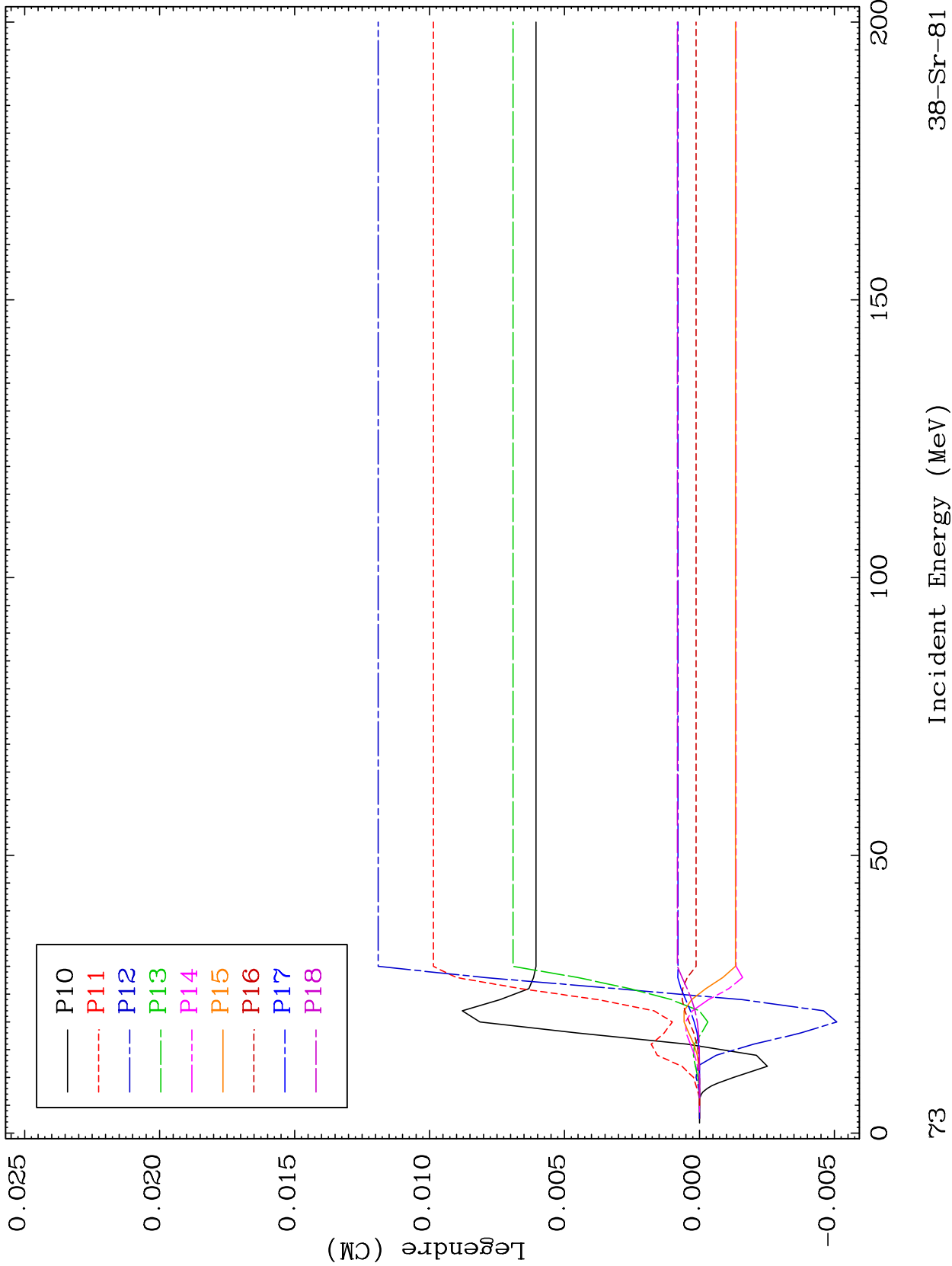
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



73

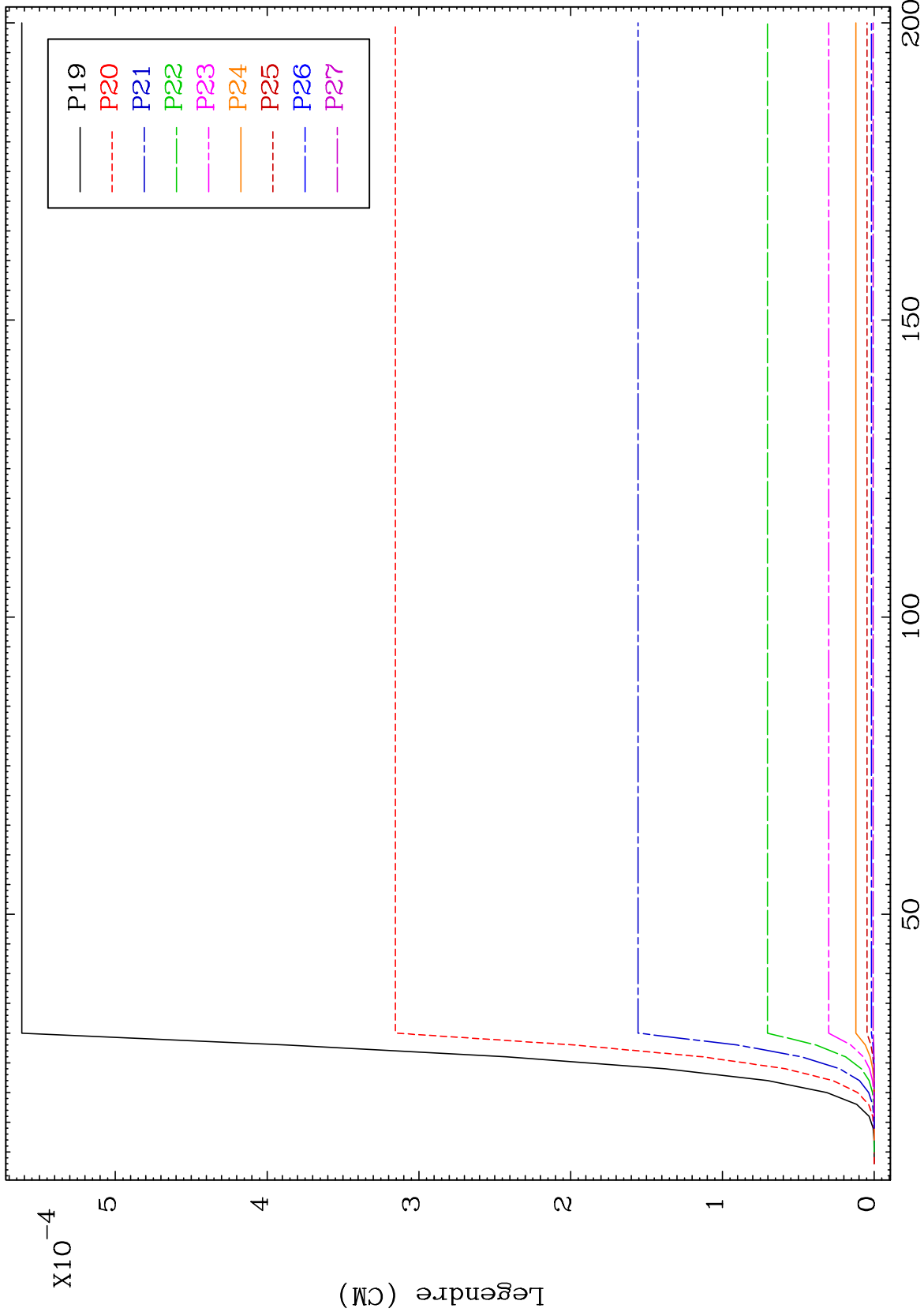
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



74

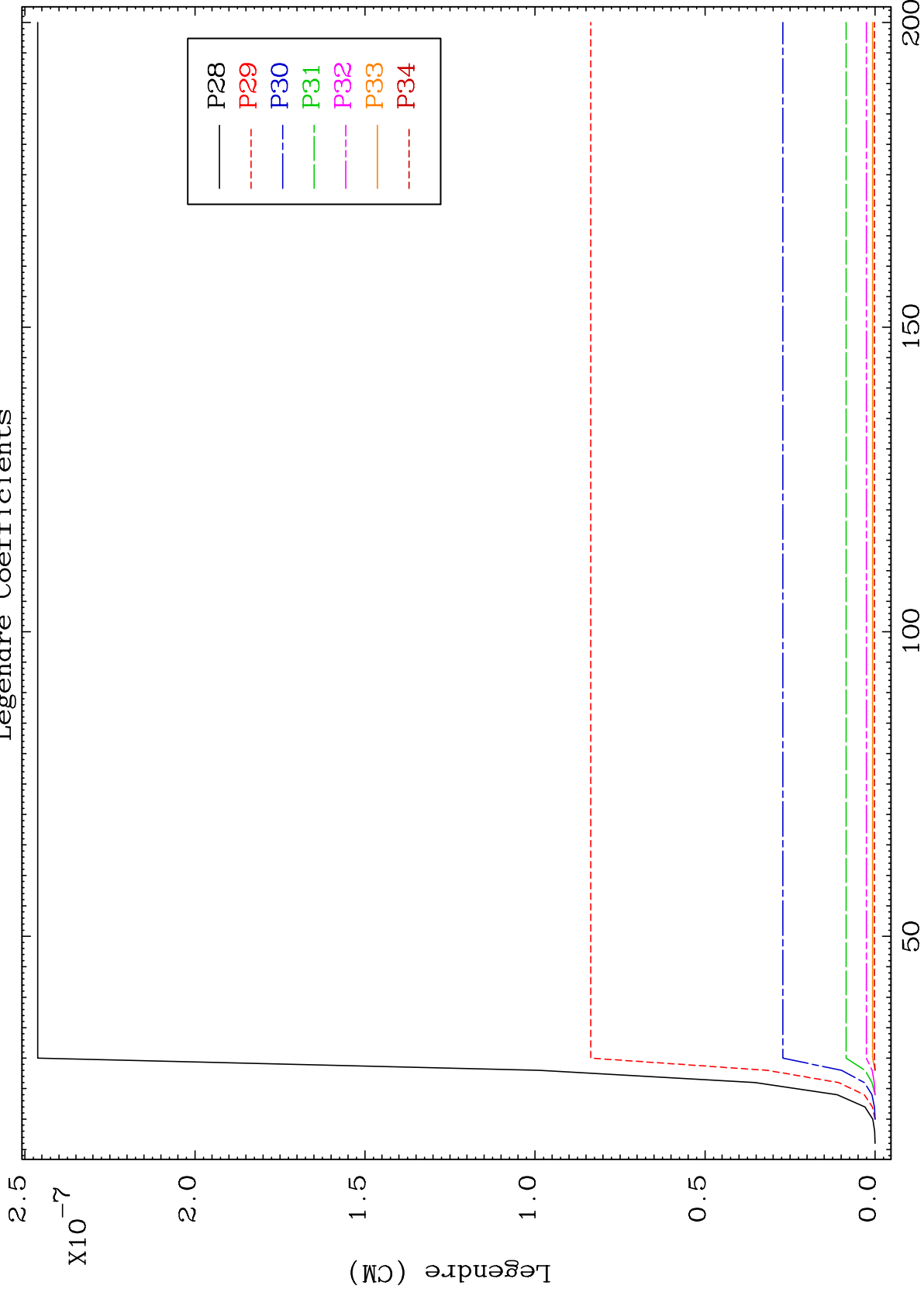
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



75

Incident Energy (MeV)

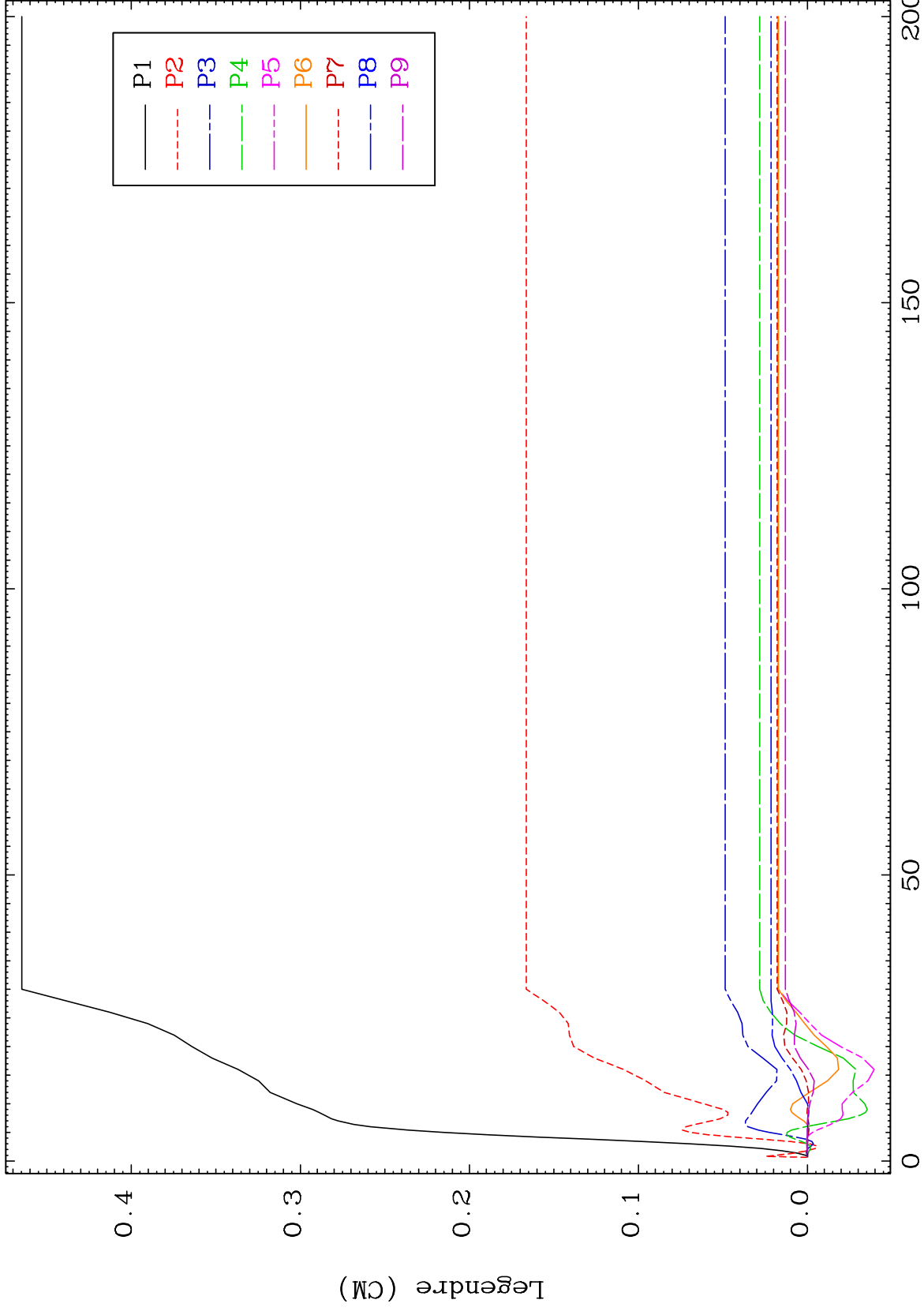
38-Sr-81

MAT 3816

MT= 65 (n,n') Level

38-Sr-81

Legendre Coefficients



76

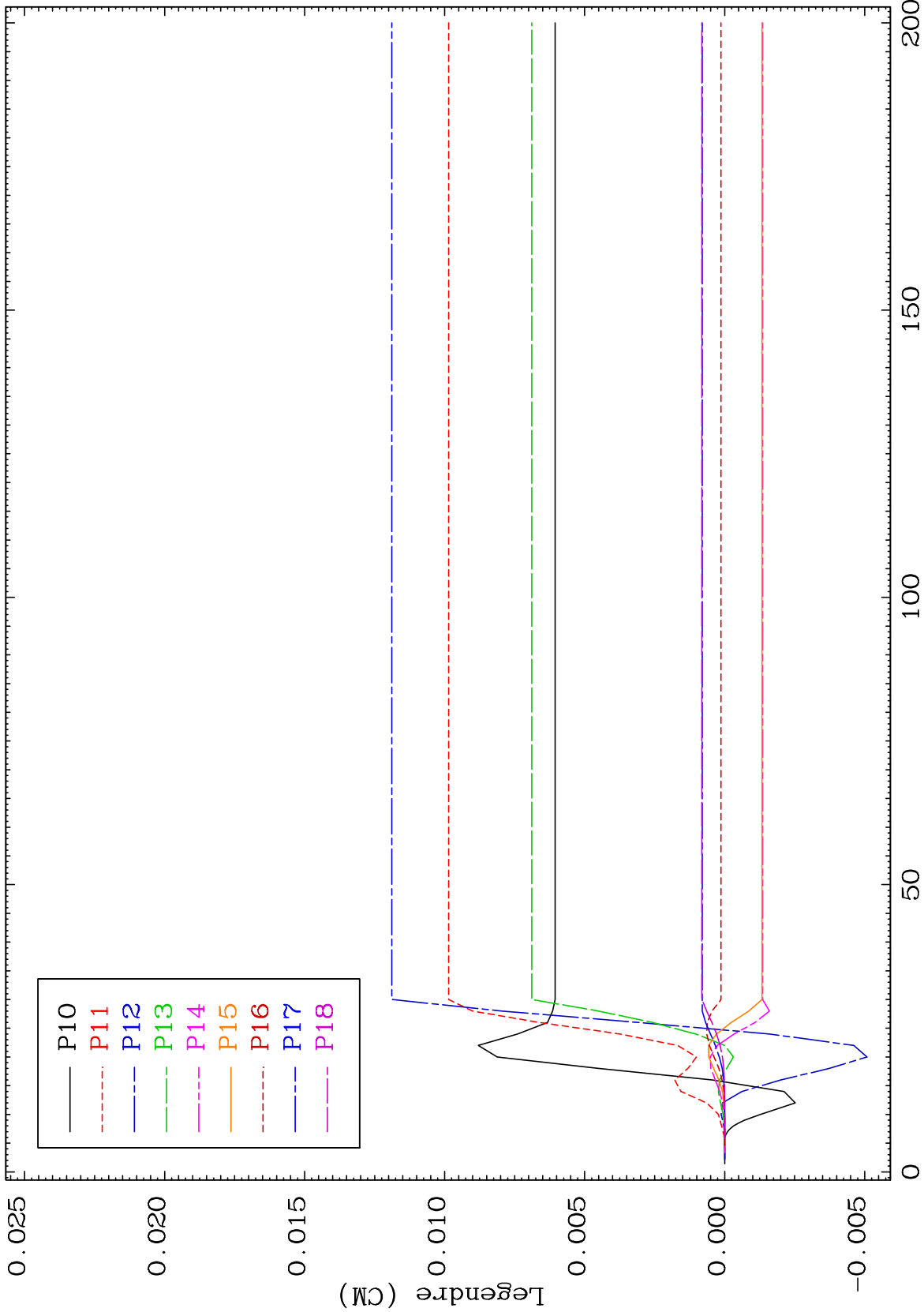
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



77

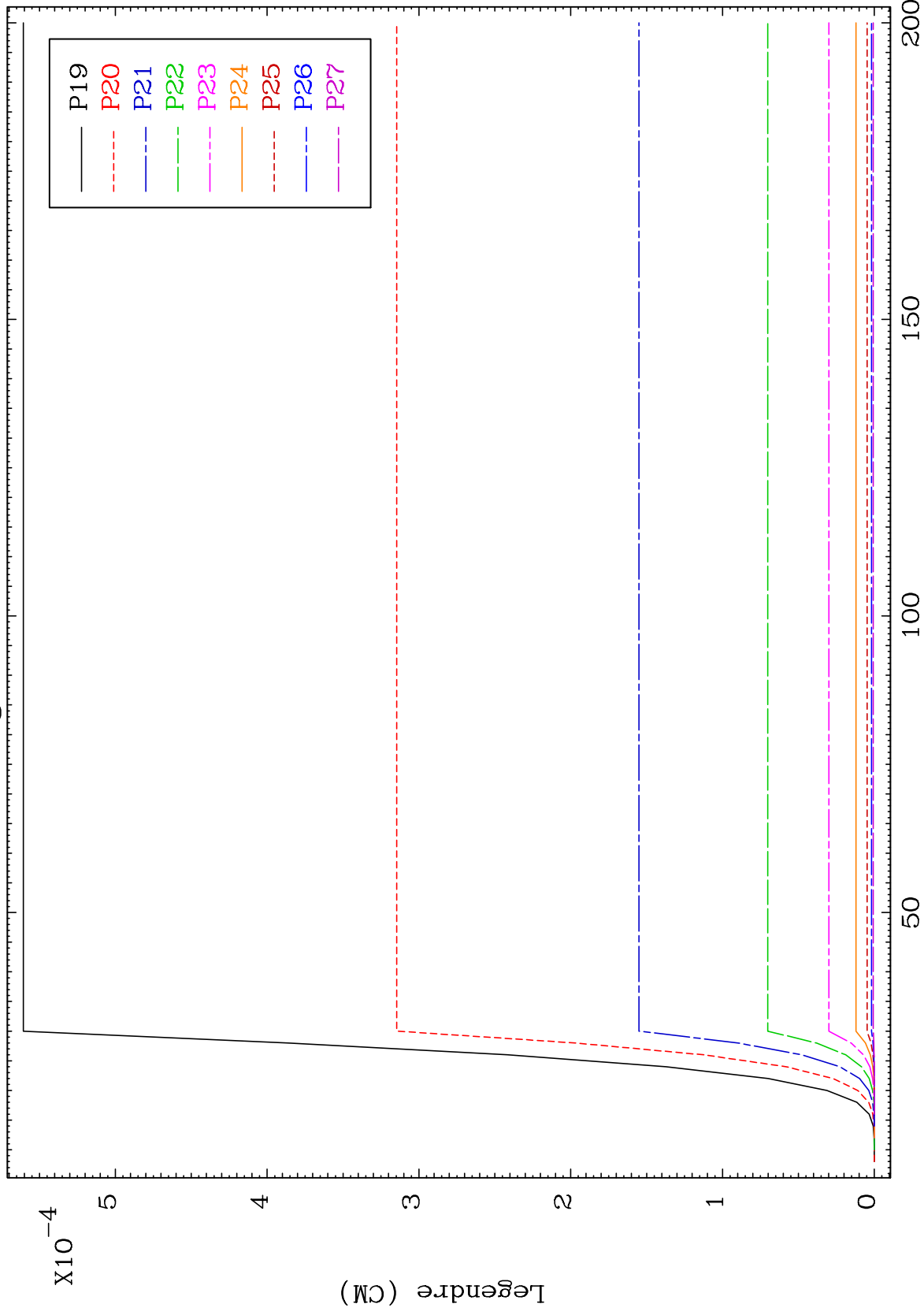
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



78

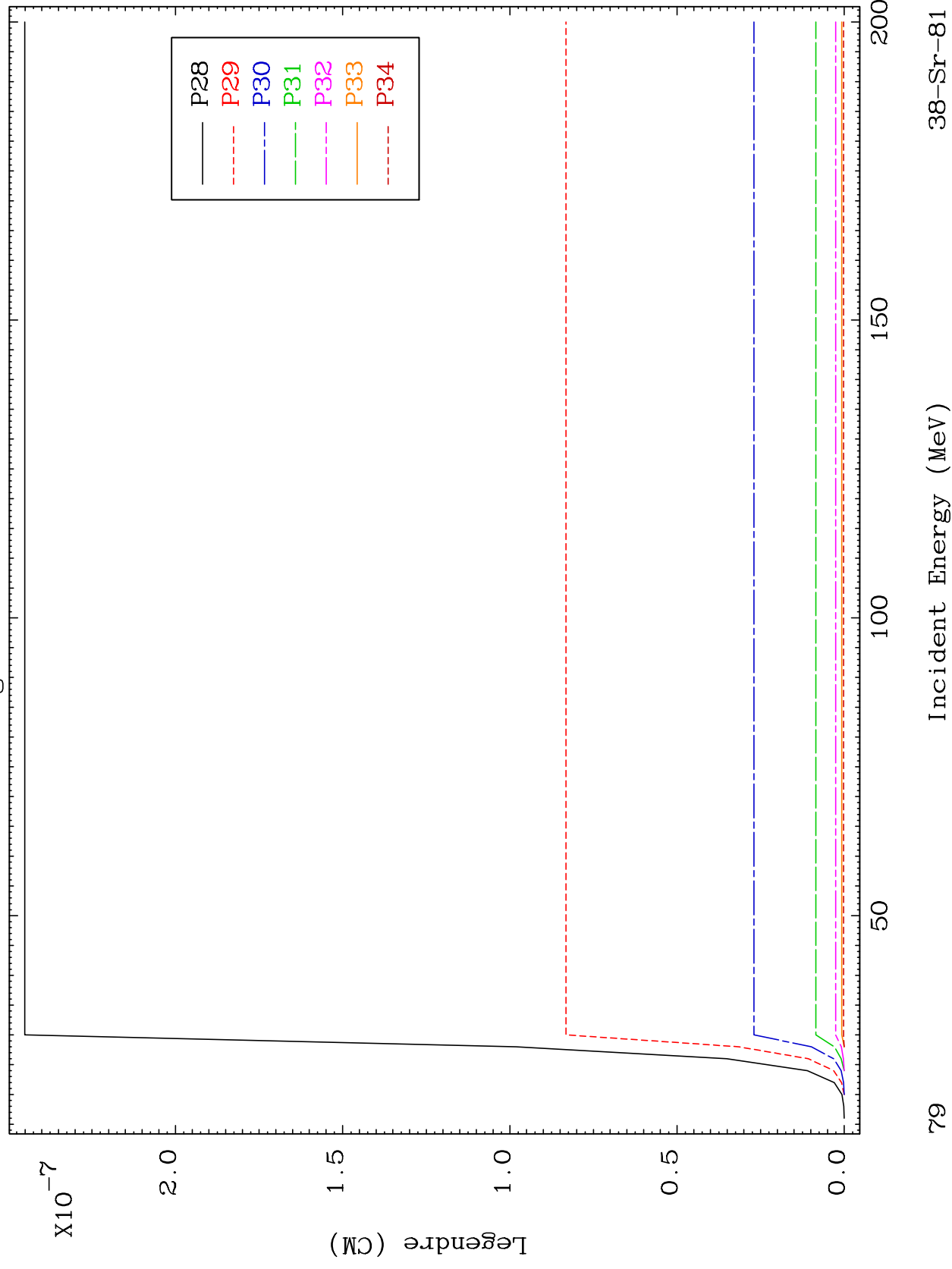
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81

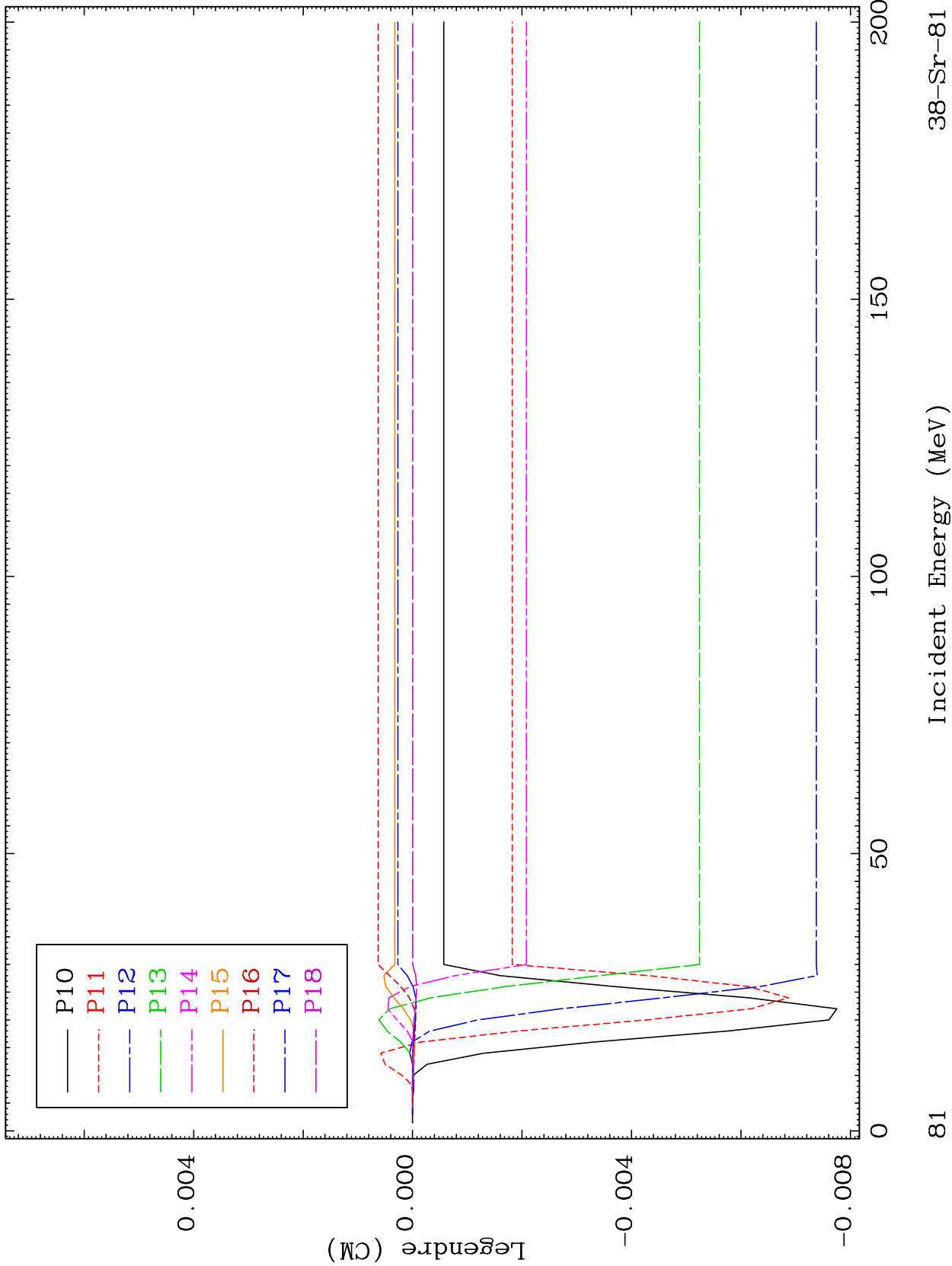


79

MAT 3816

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

38-Sr-81



81

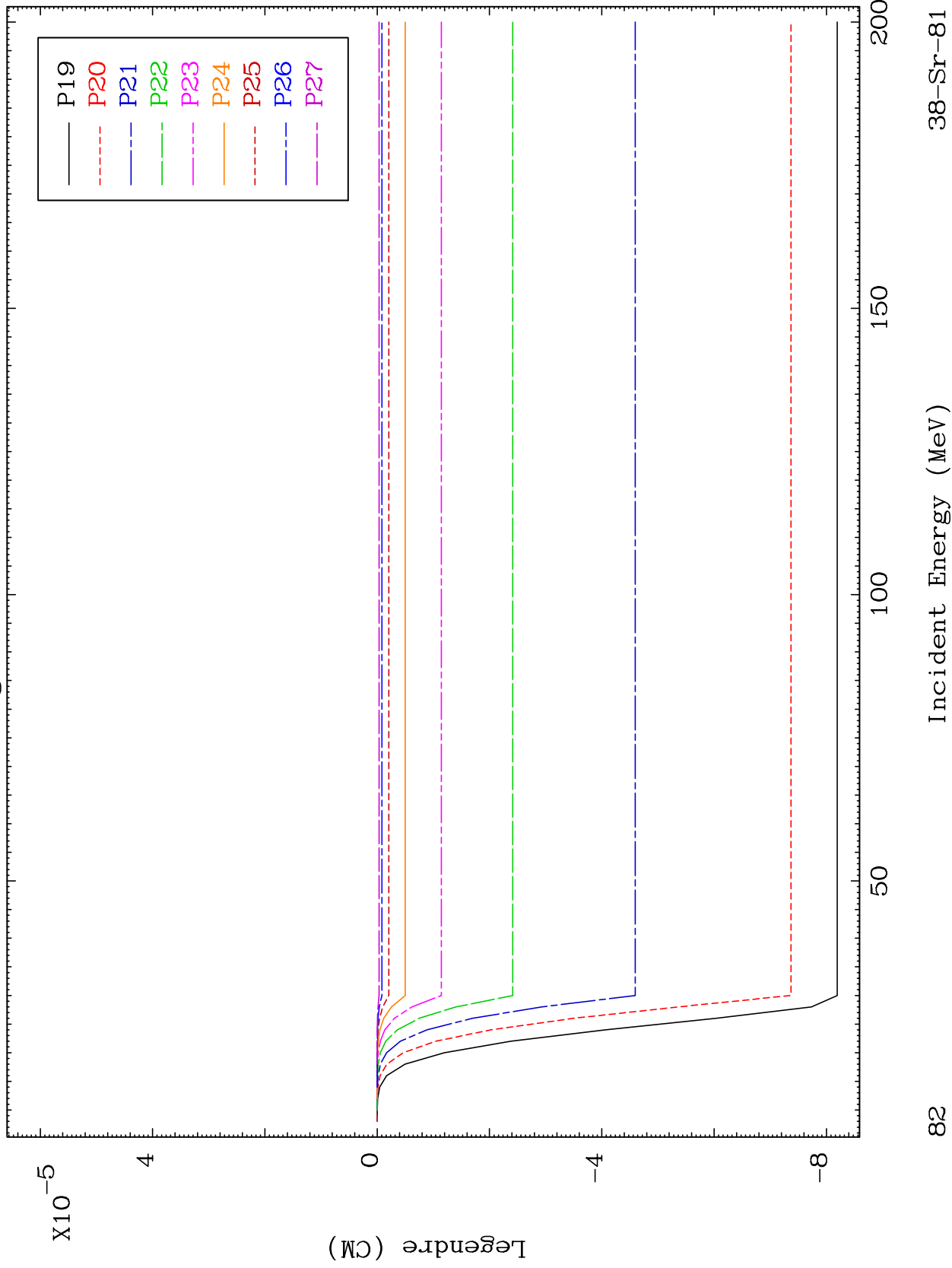
Incident Energy (MeV)

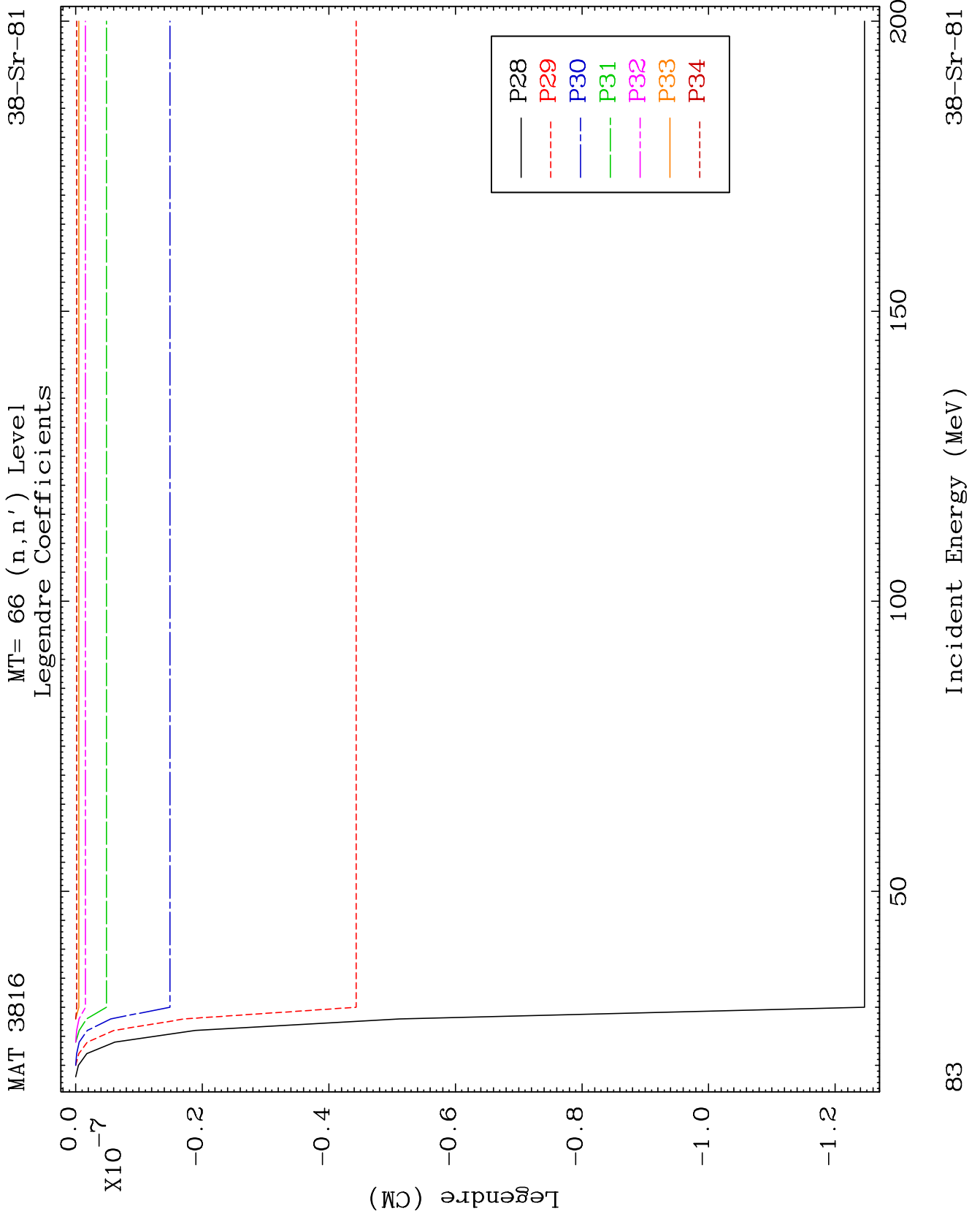
38-Sr-81

MAT 3816

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

38-Sr-81



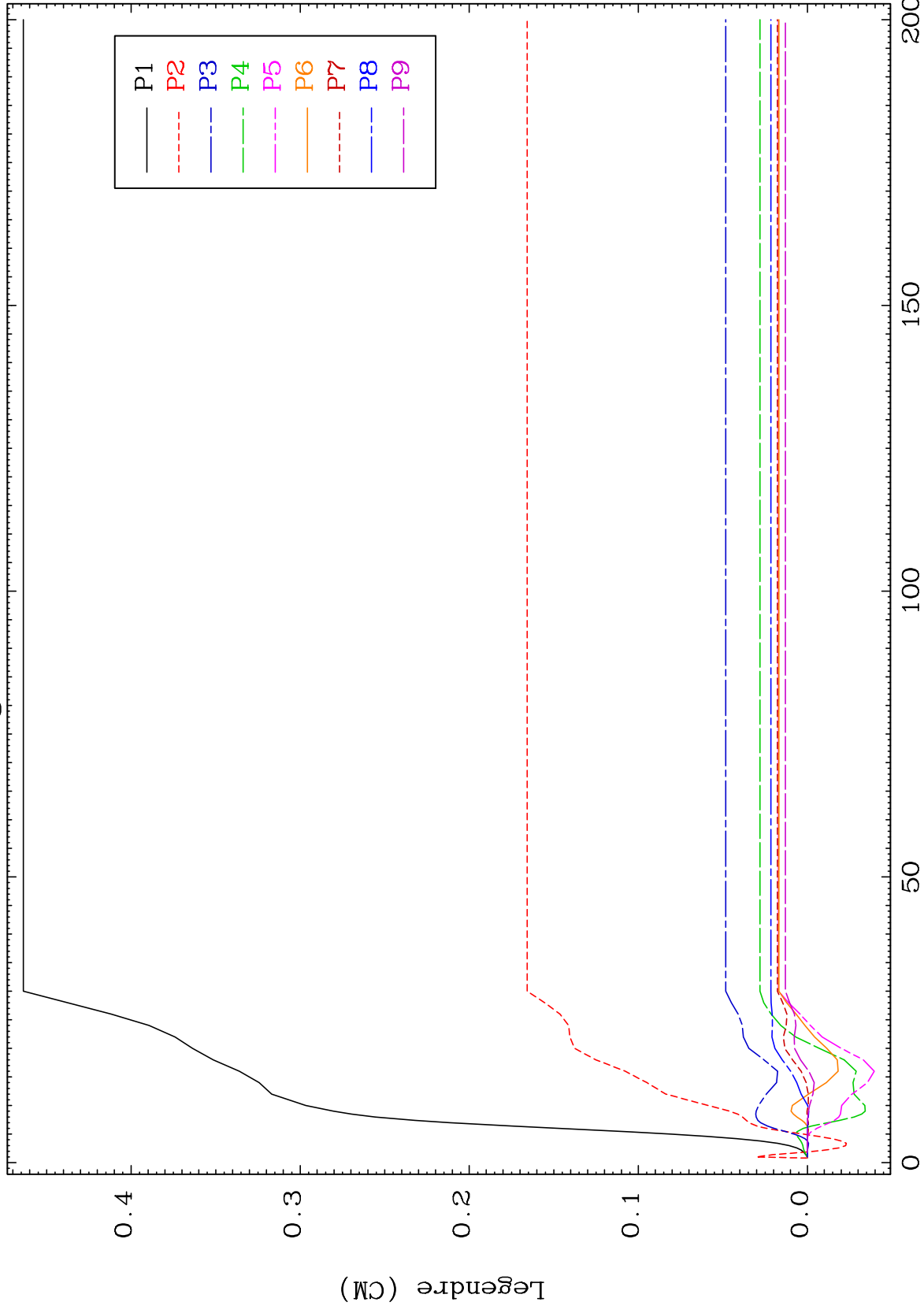


MAT 3816

MT= 67 (n,n') Level

38-Sr-81

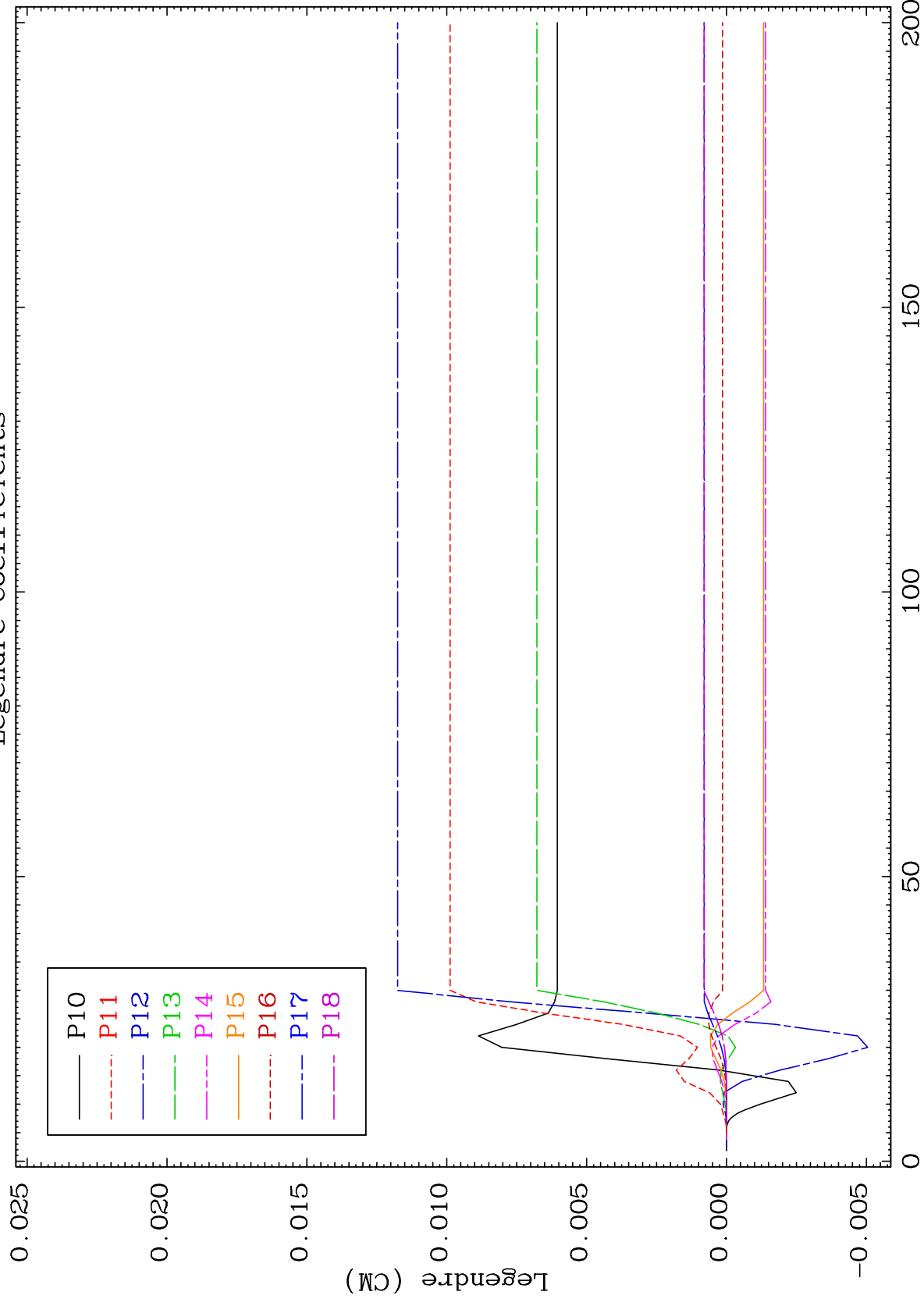
Legendre Coefficients



MAT 3816

MT= 67 (n,n') Level
Legendre Coefficients

38-Sr-81



85

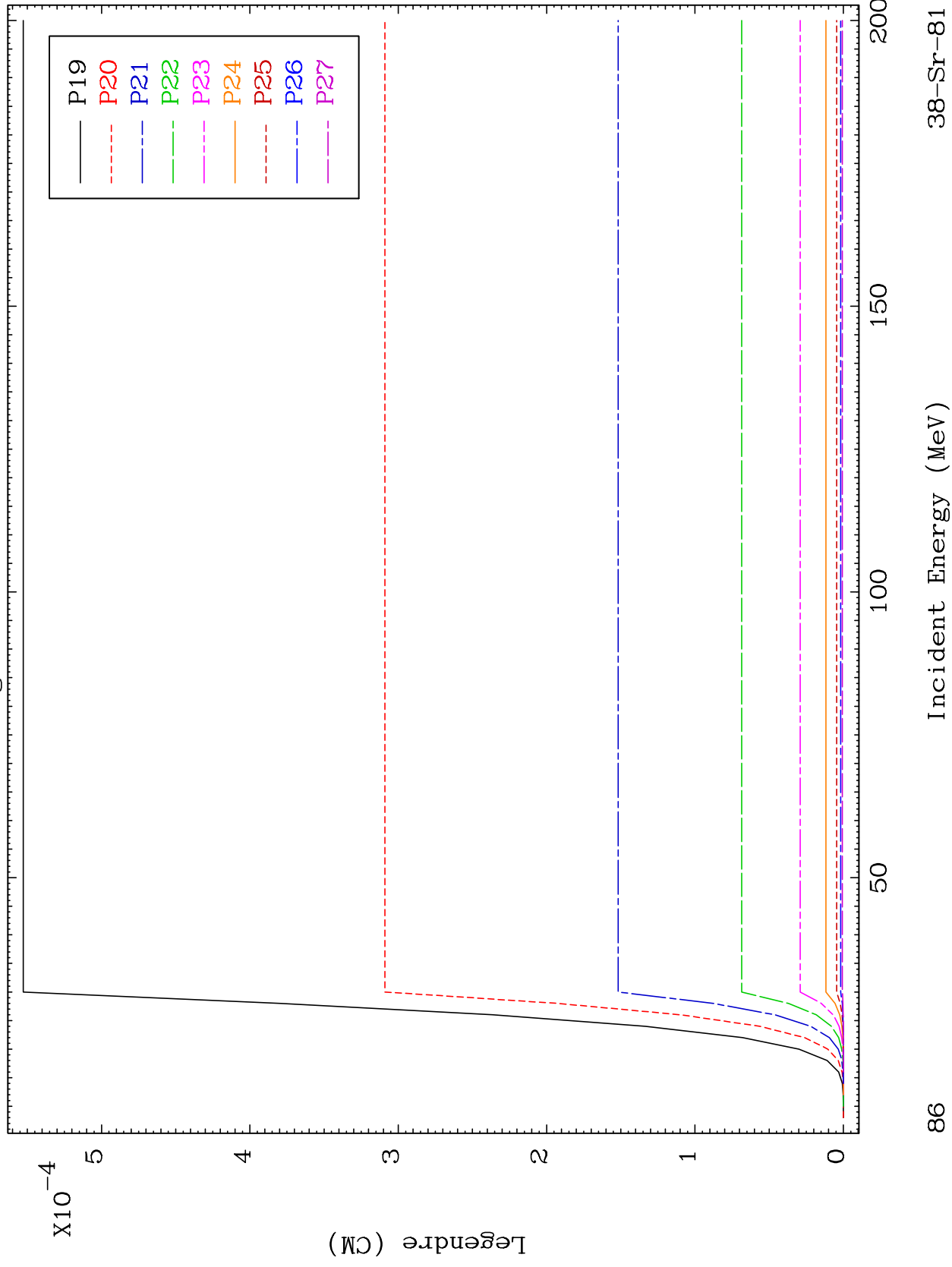
Incident Energy (MeV)

38-Sr-81

MAT 3816

MT= 67 (n,n') Level
Legendre Coefficients

38-Sr-81



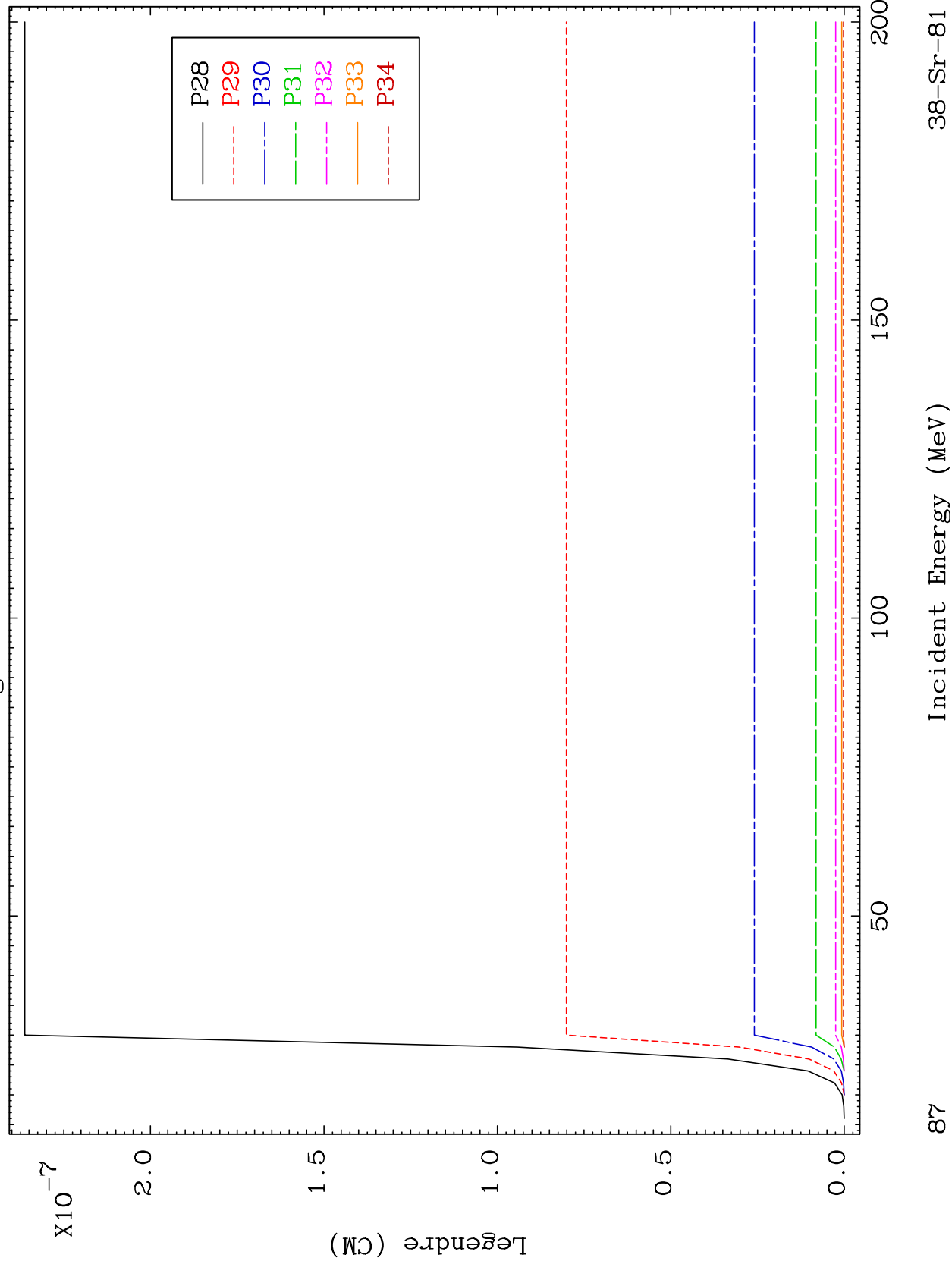
86

38-Sr-81

MAT 3816

MT= 67 (n,n') Level
Legendre Coefficients

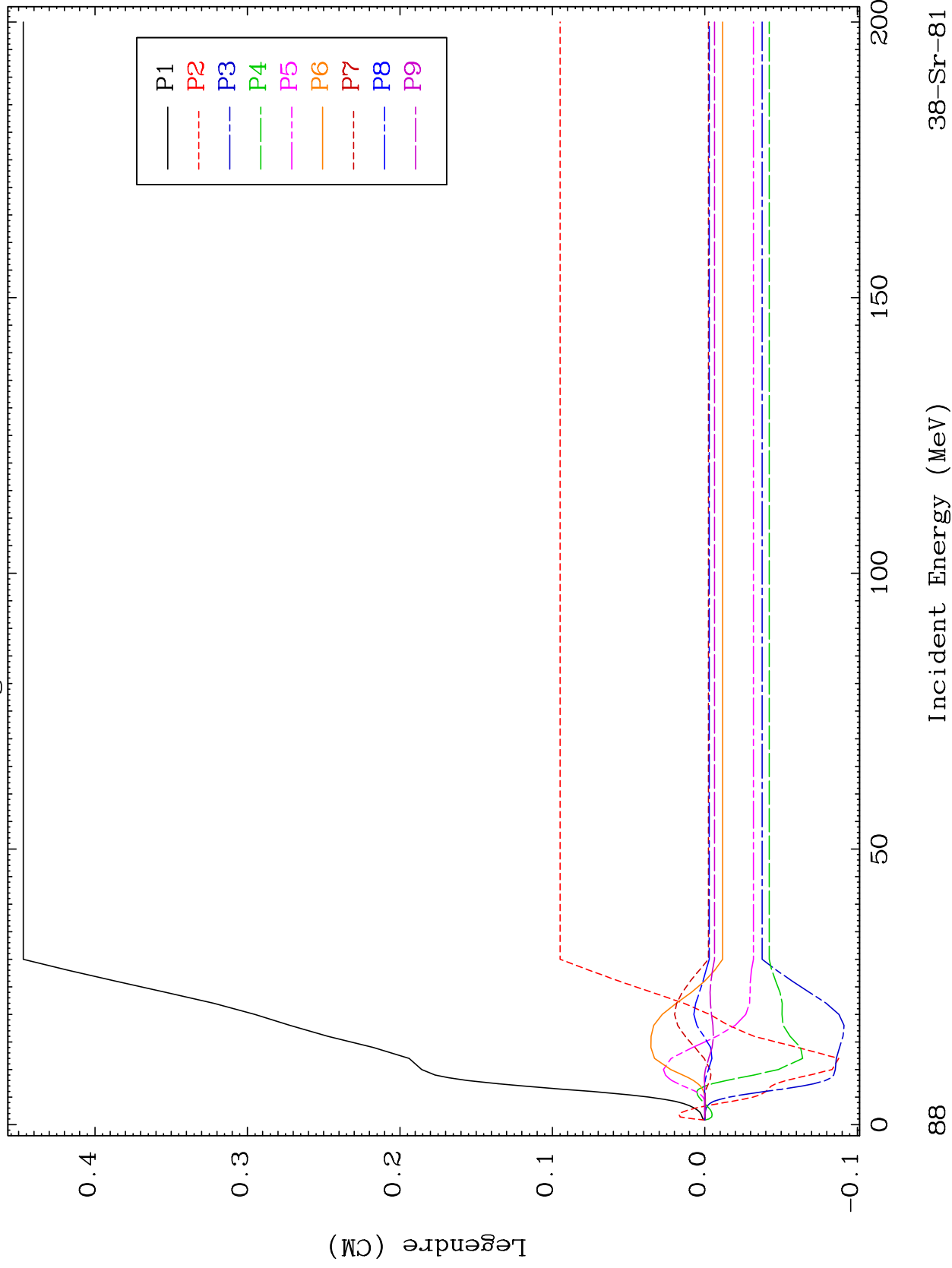
38-Sr-81



MAT 3816

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

38-Sr-81



38-Sr-81

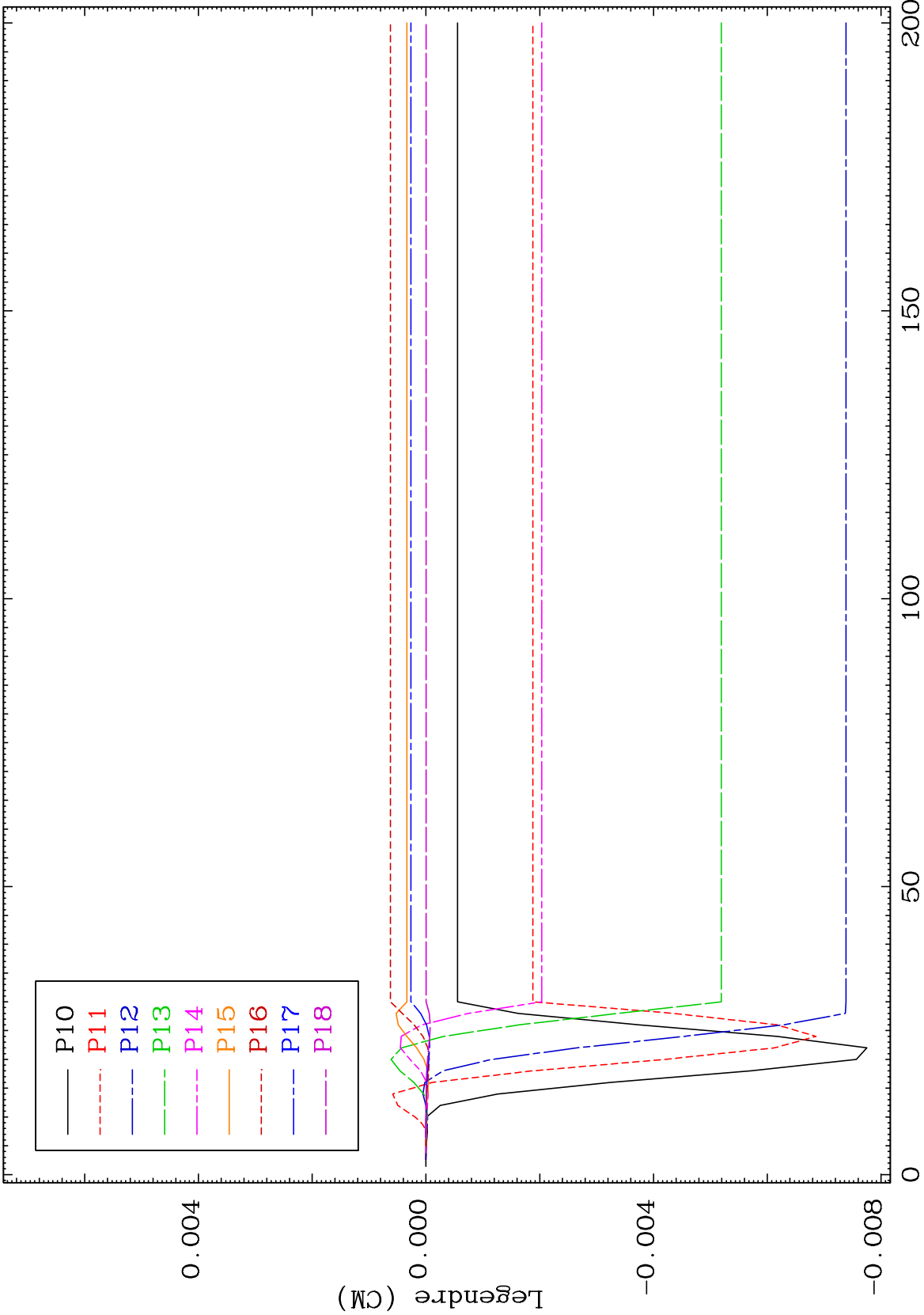
Incident Energy (MeV)

88

MAT 3816

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

38-Sr-81



89

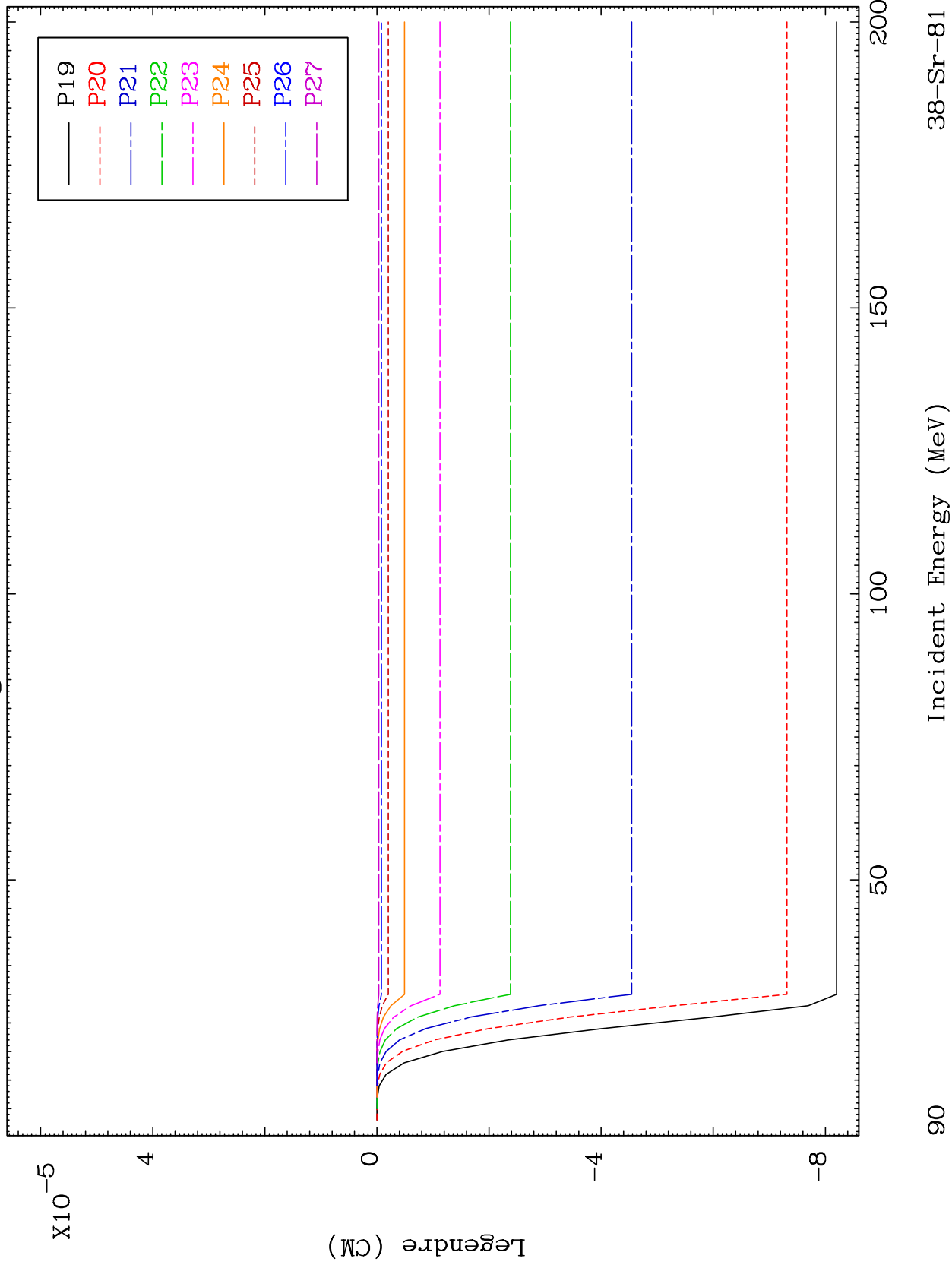
Incident Energy (MeV)

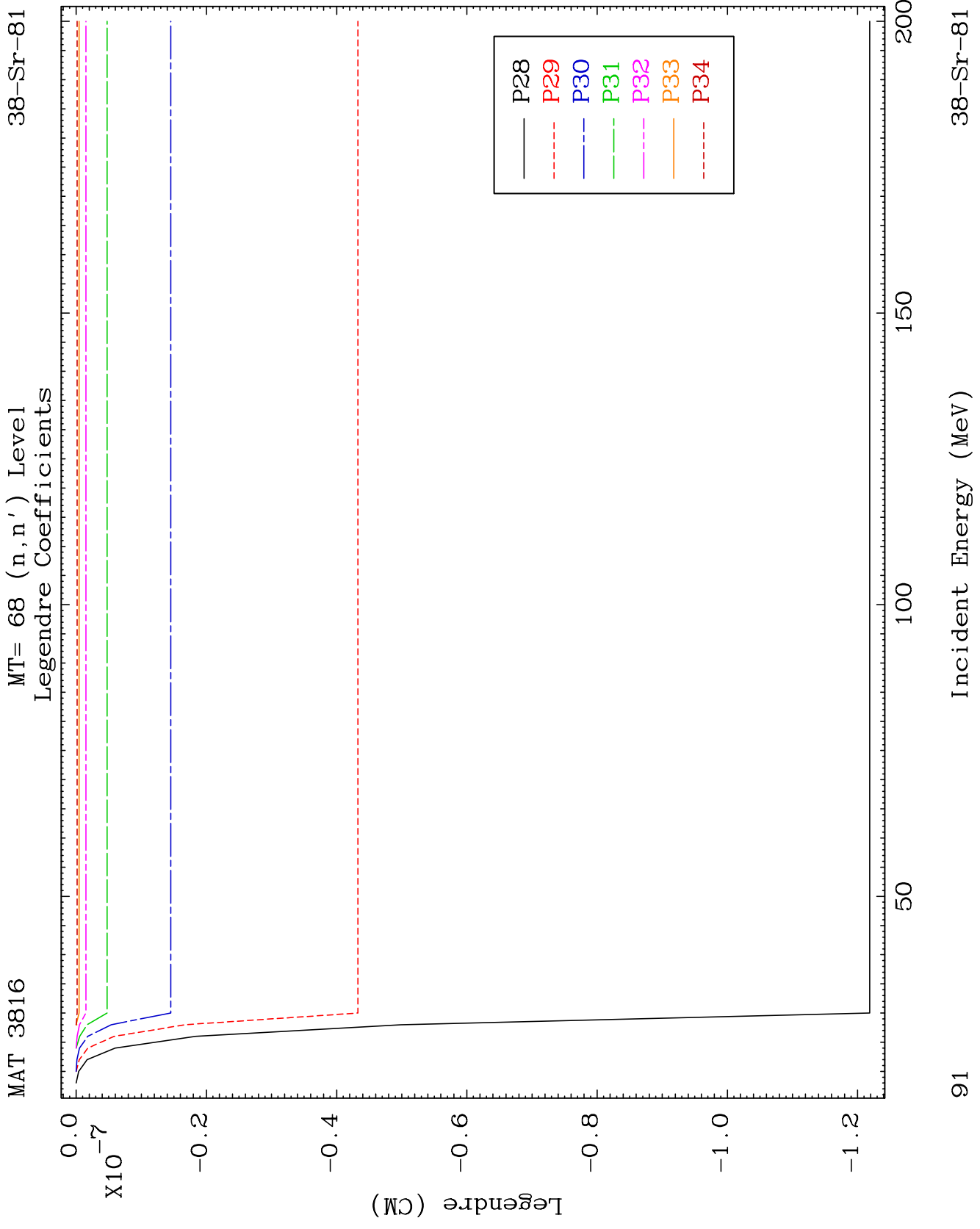
38-Sr-81

MAT 3816

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

38-Sr-81

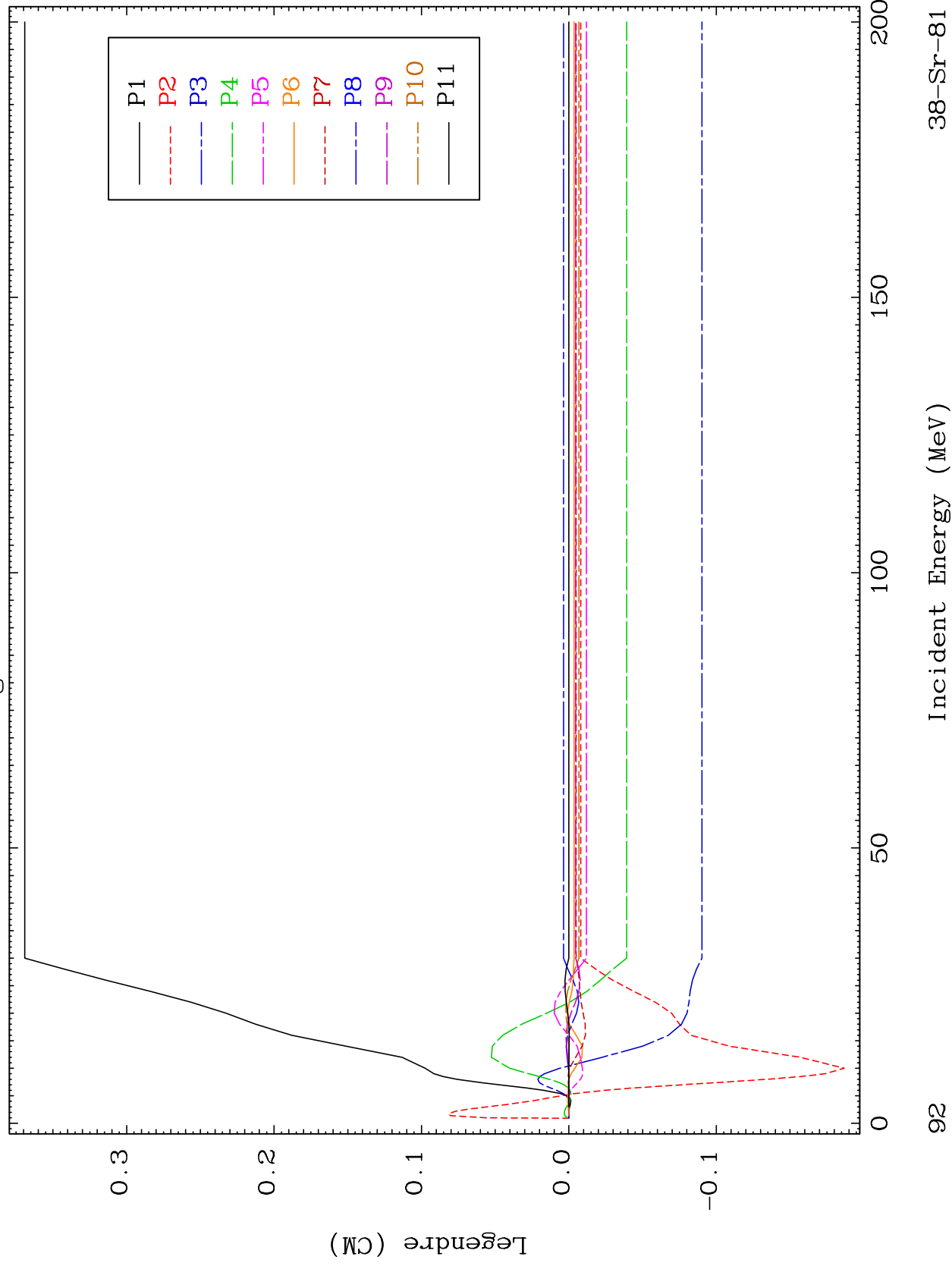




MAT 3816

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

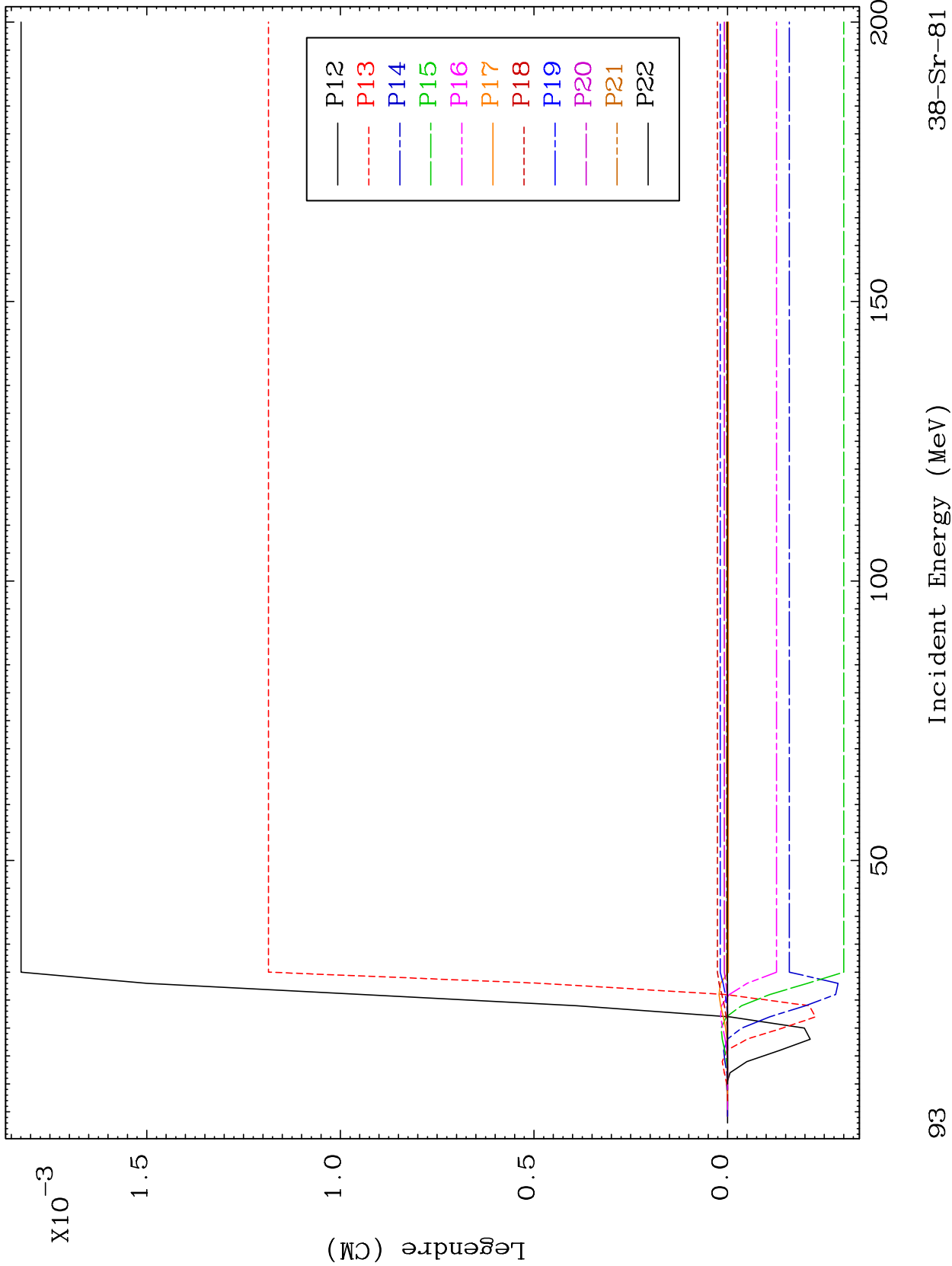
38-Sr-81



92

Incident Energy (MeV)

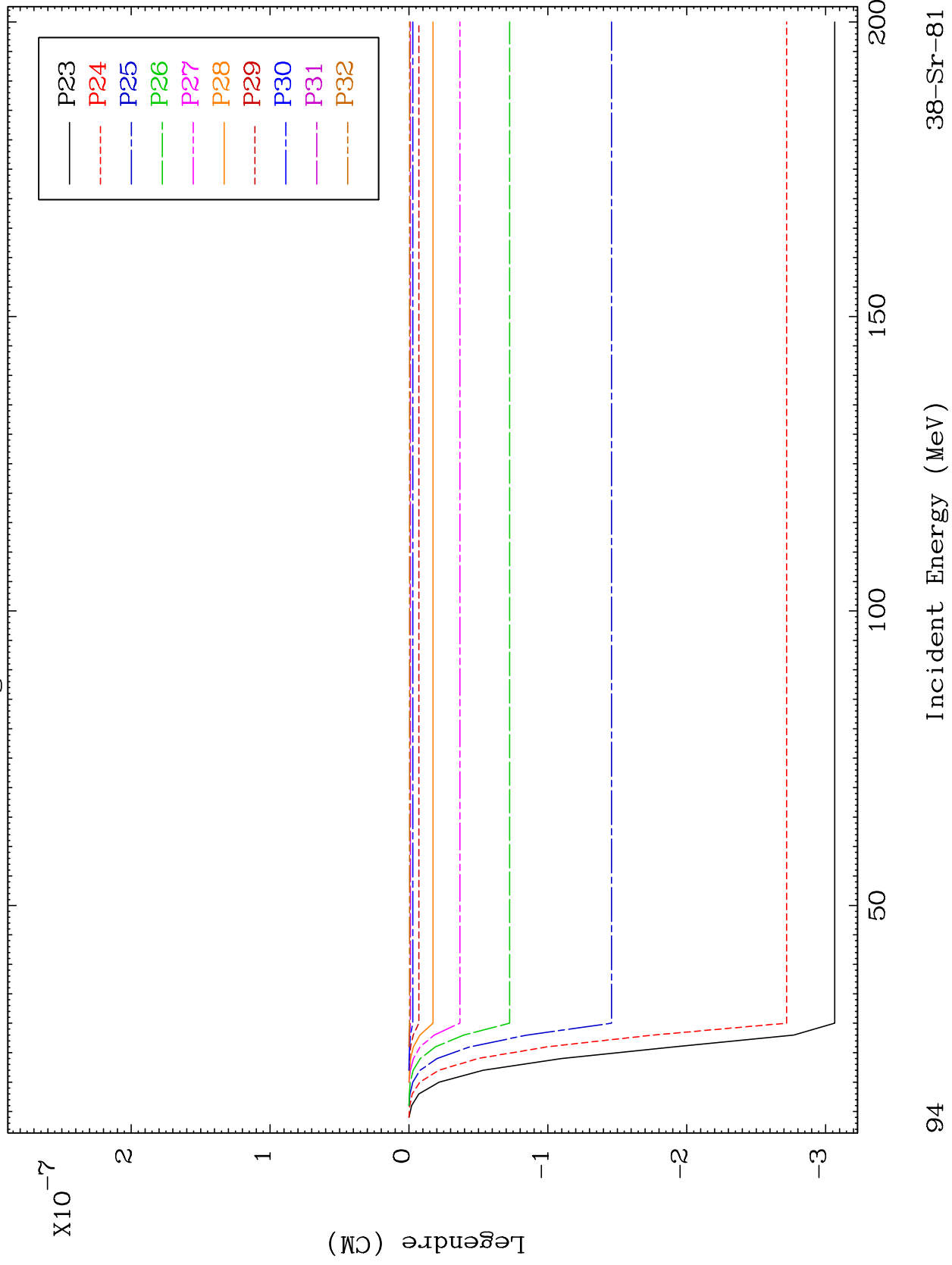
38-Sr-81



MAT 3816

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

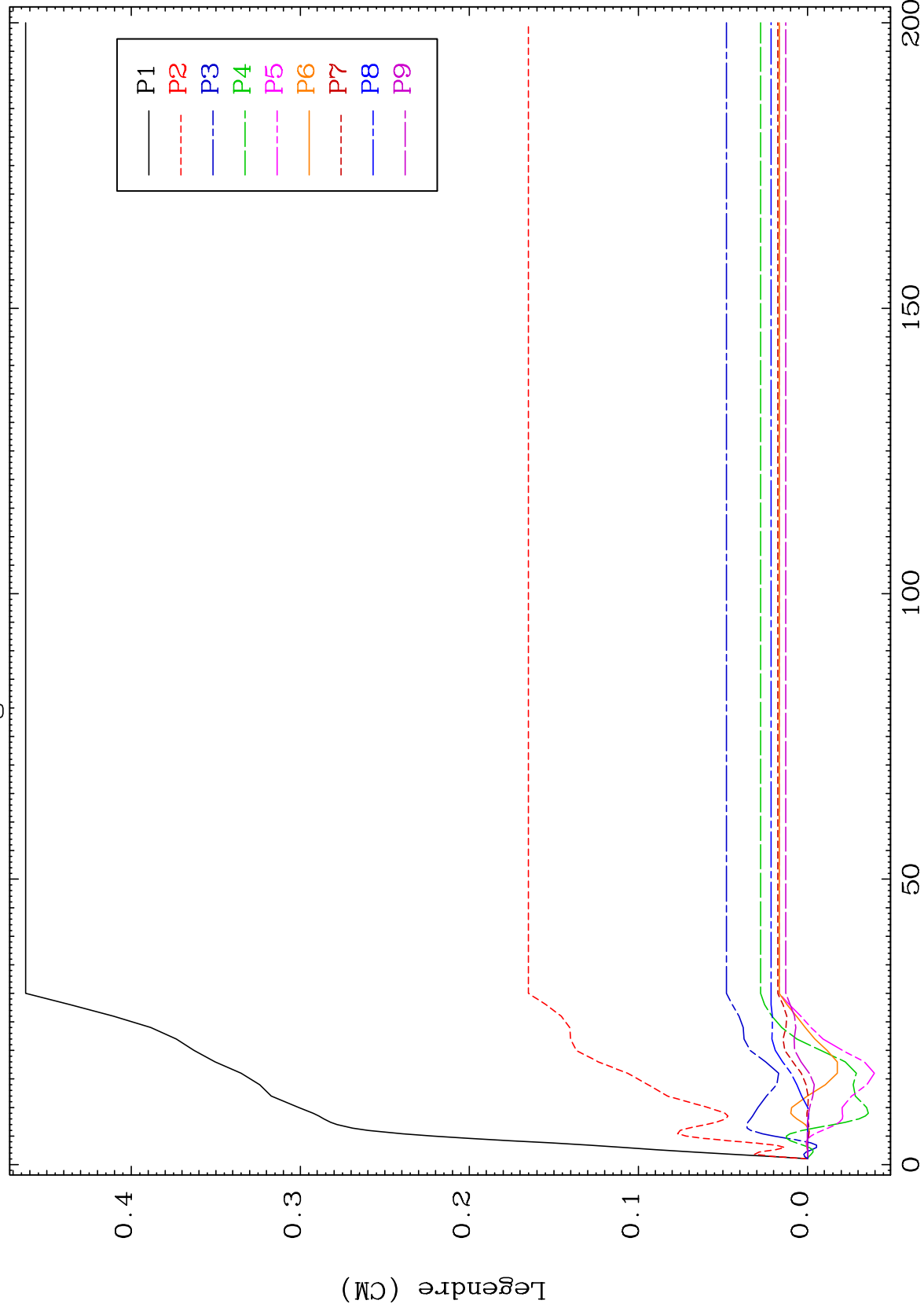
38-Sr-81



MAT 3816

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

38-Sr-81



95

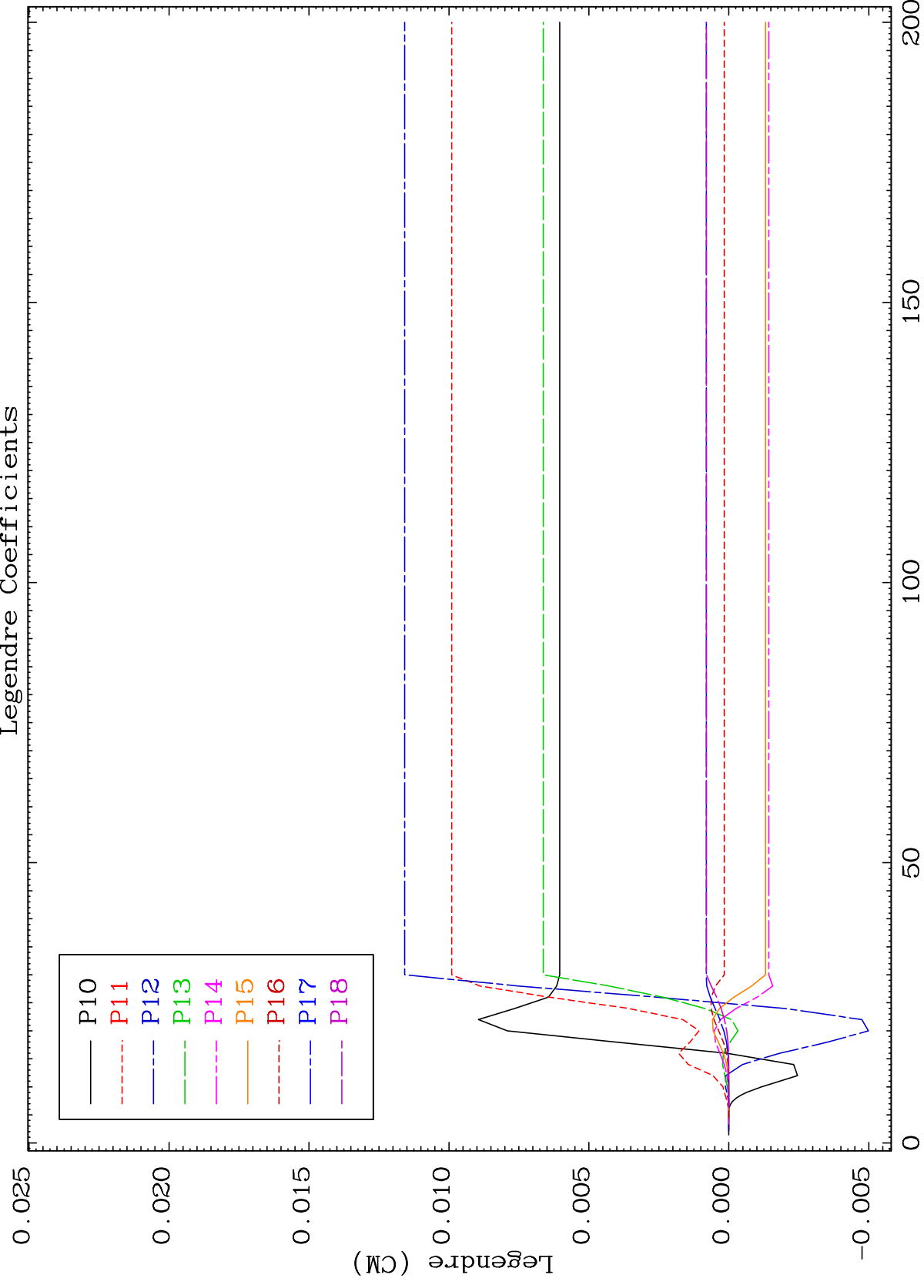
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



96

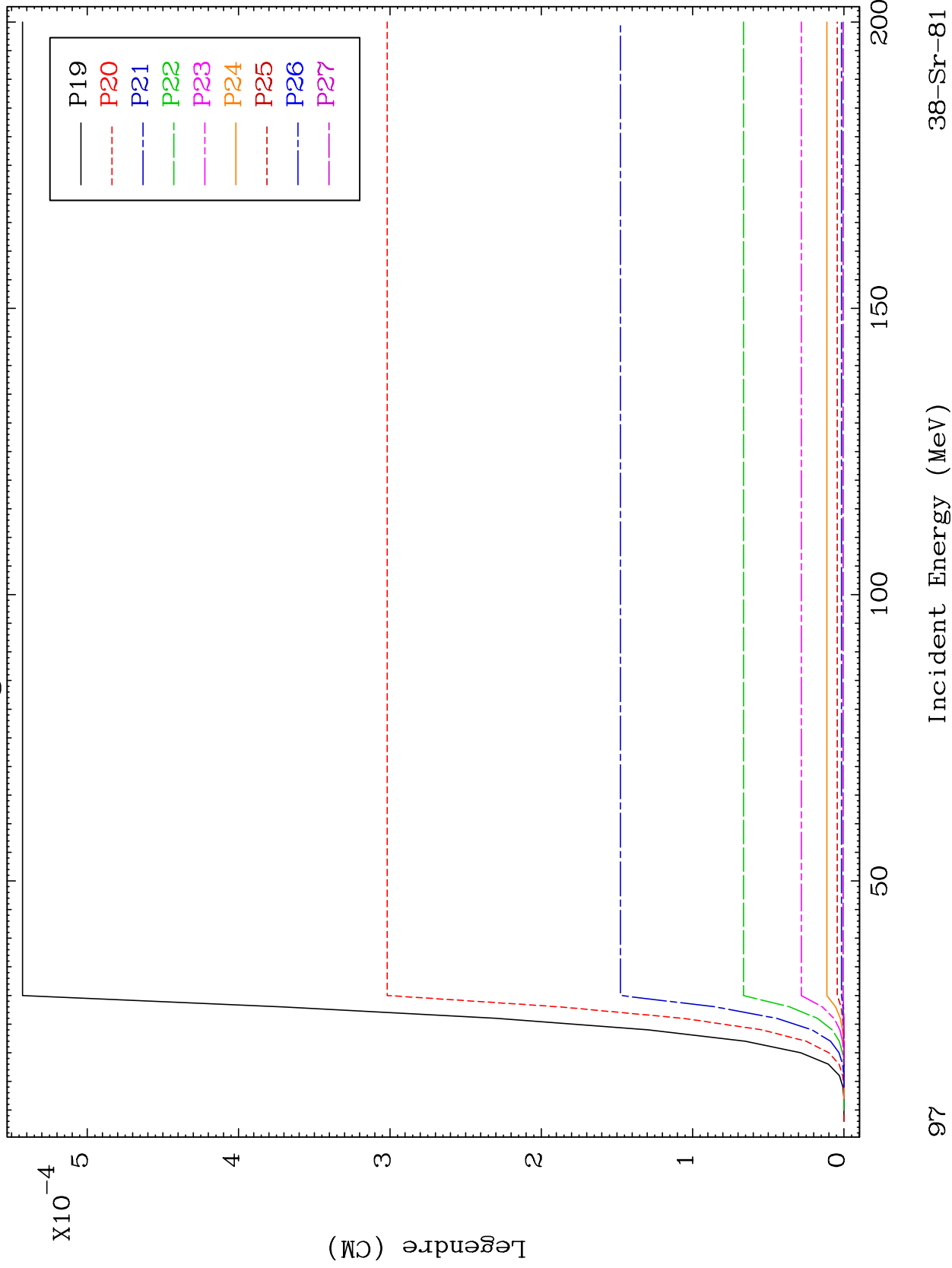
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

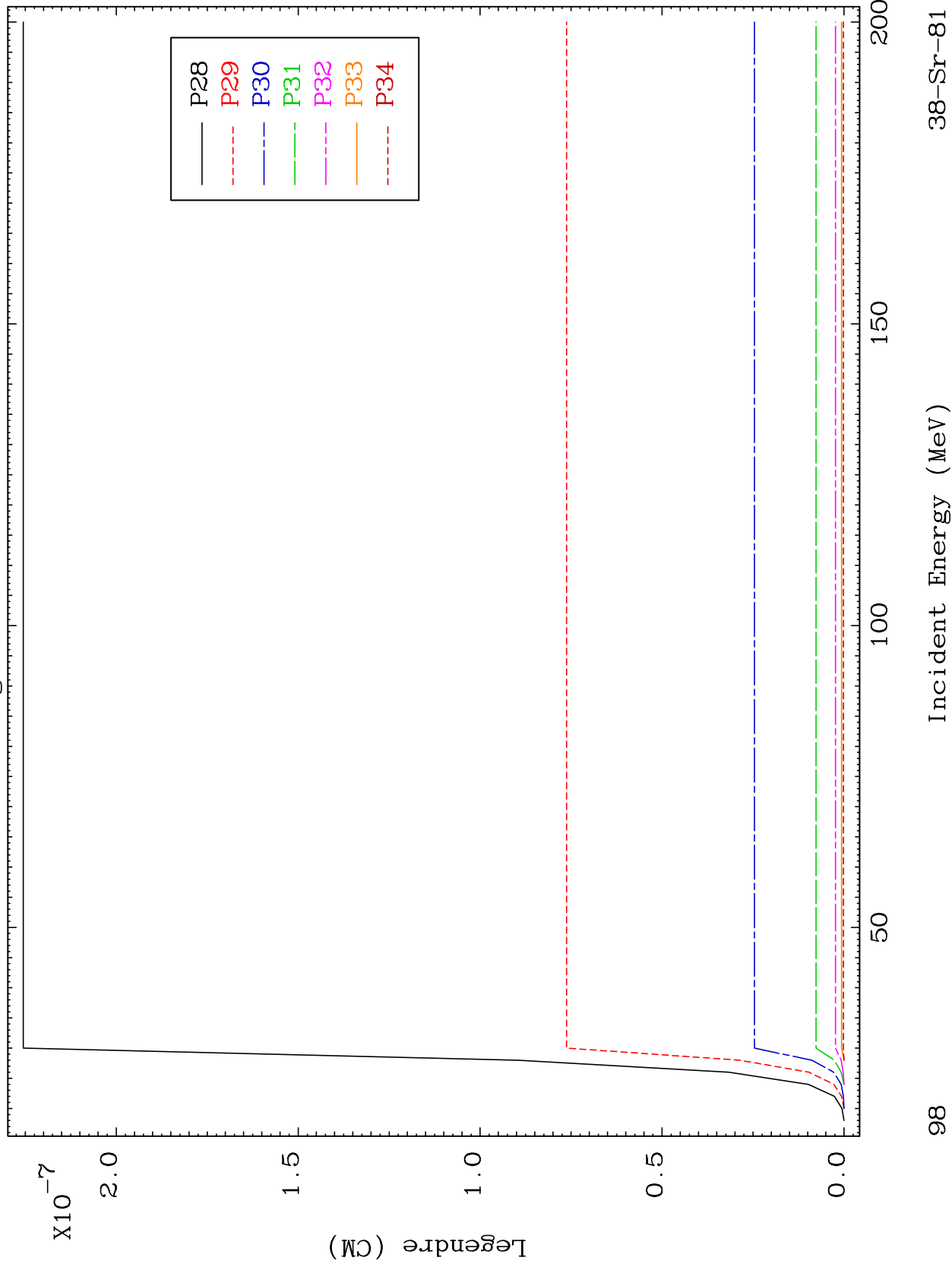
38-Sr-81



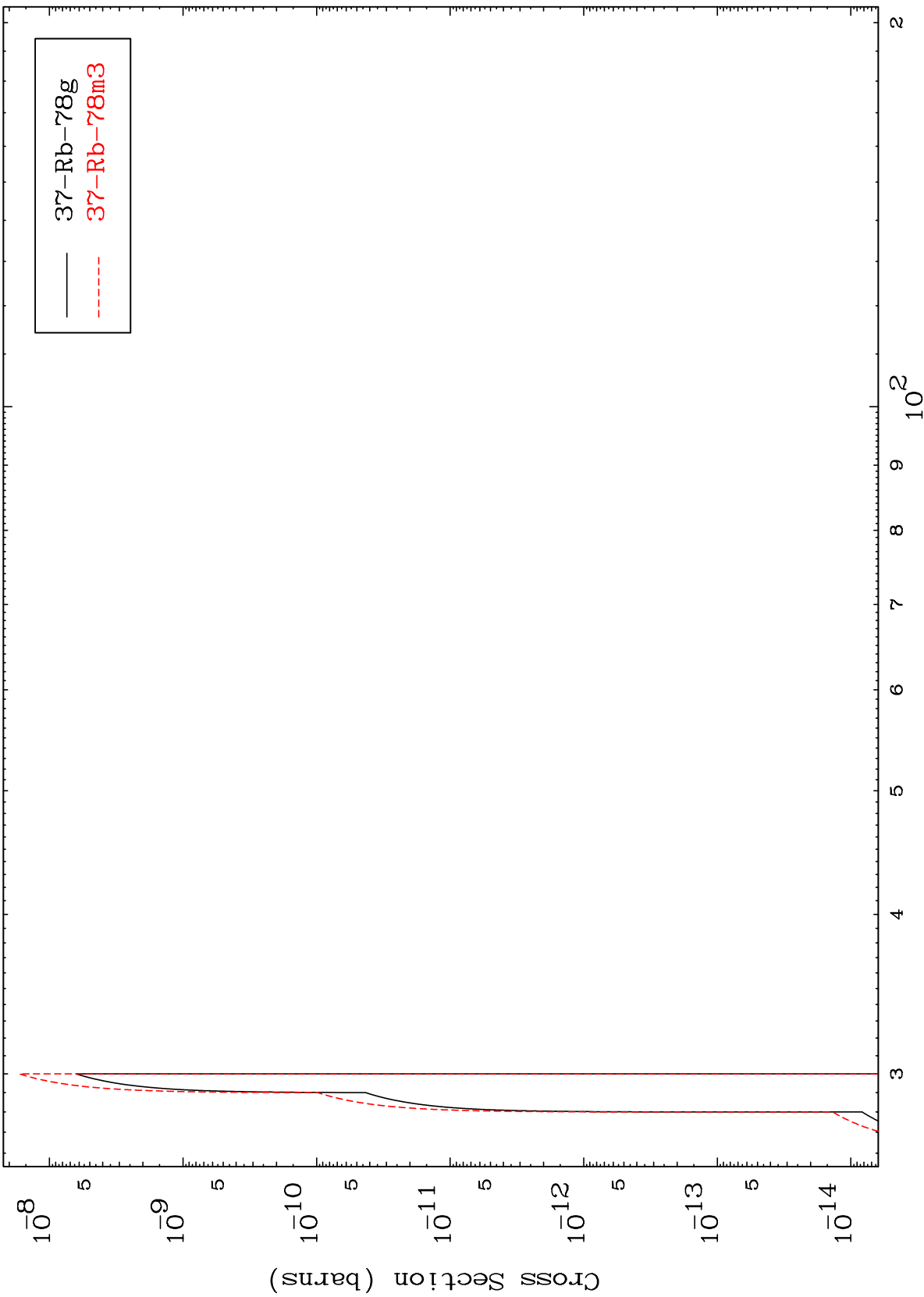
MAT 3816

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

38-Sr-81



Radionuclide Production Cross Section

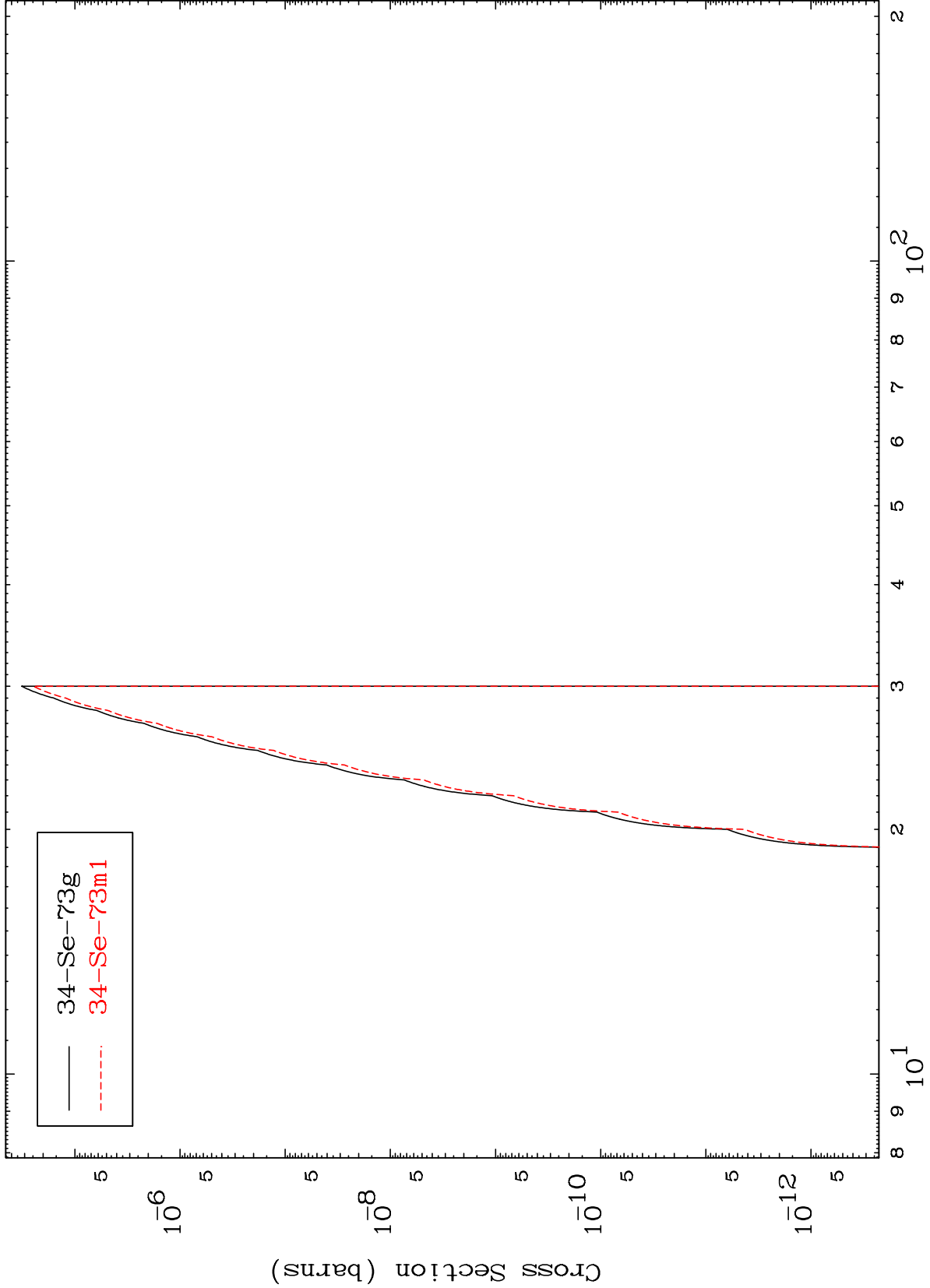


MAT 3816

(n,n') 2α

38-Sr-81

Radionuclide Production Cross Section



34-Se-73g
34-Se-73m1

100

Incident Energy (MeV)

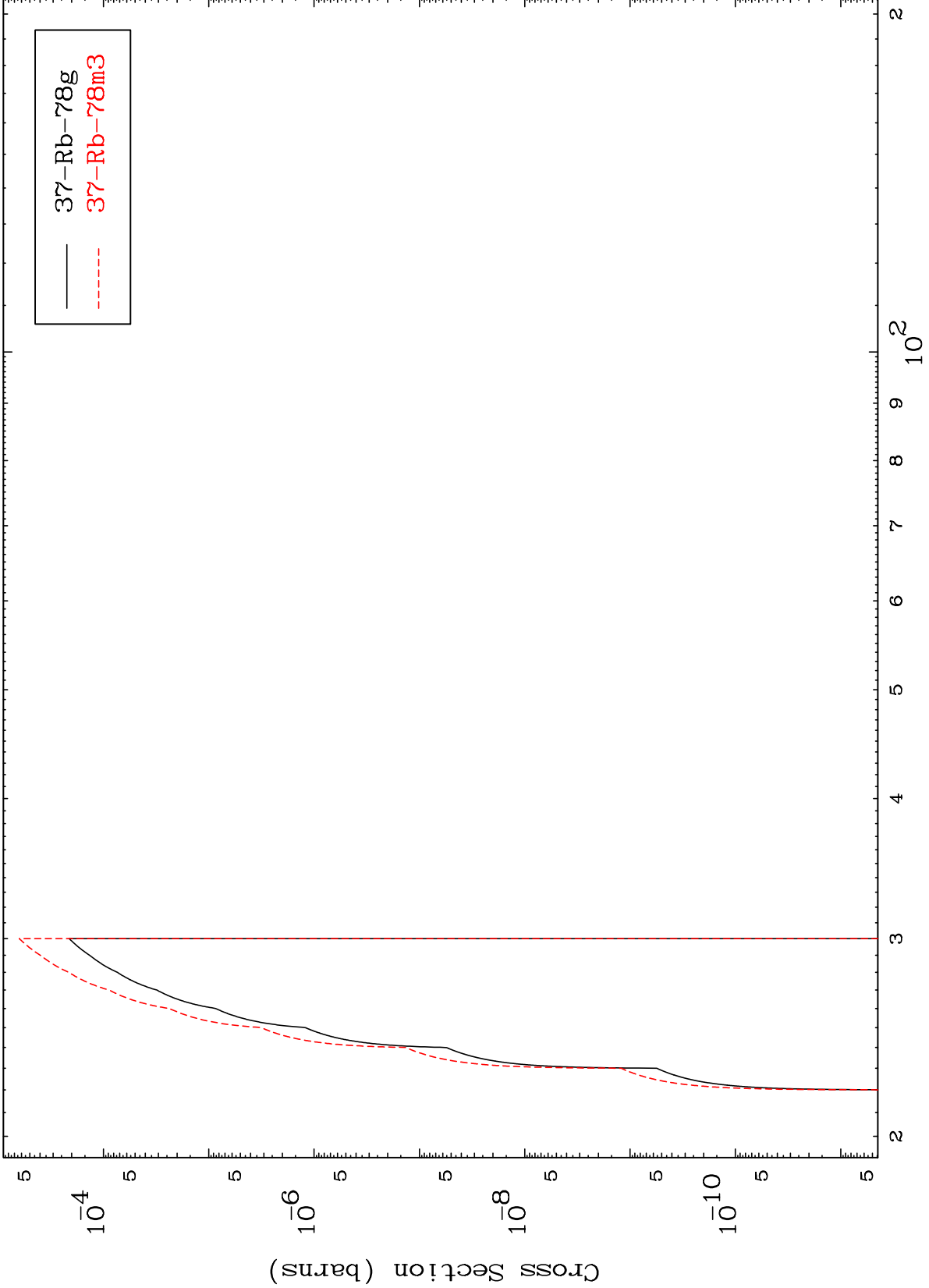
38-Sr-81

MAT 3816

(n,n') t

38-Sr-81

Radionuclide Production Cross Section

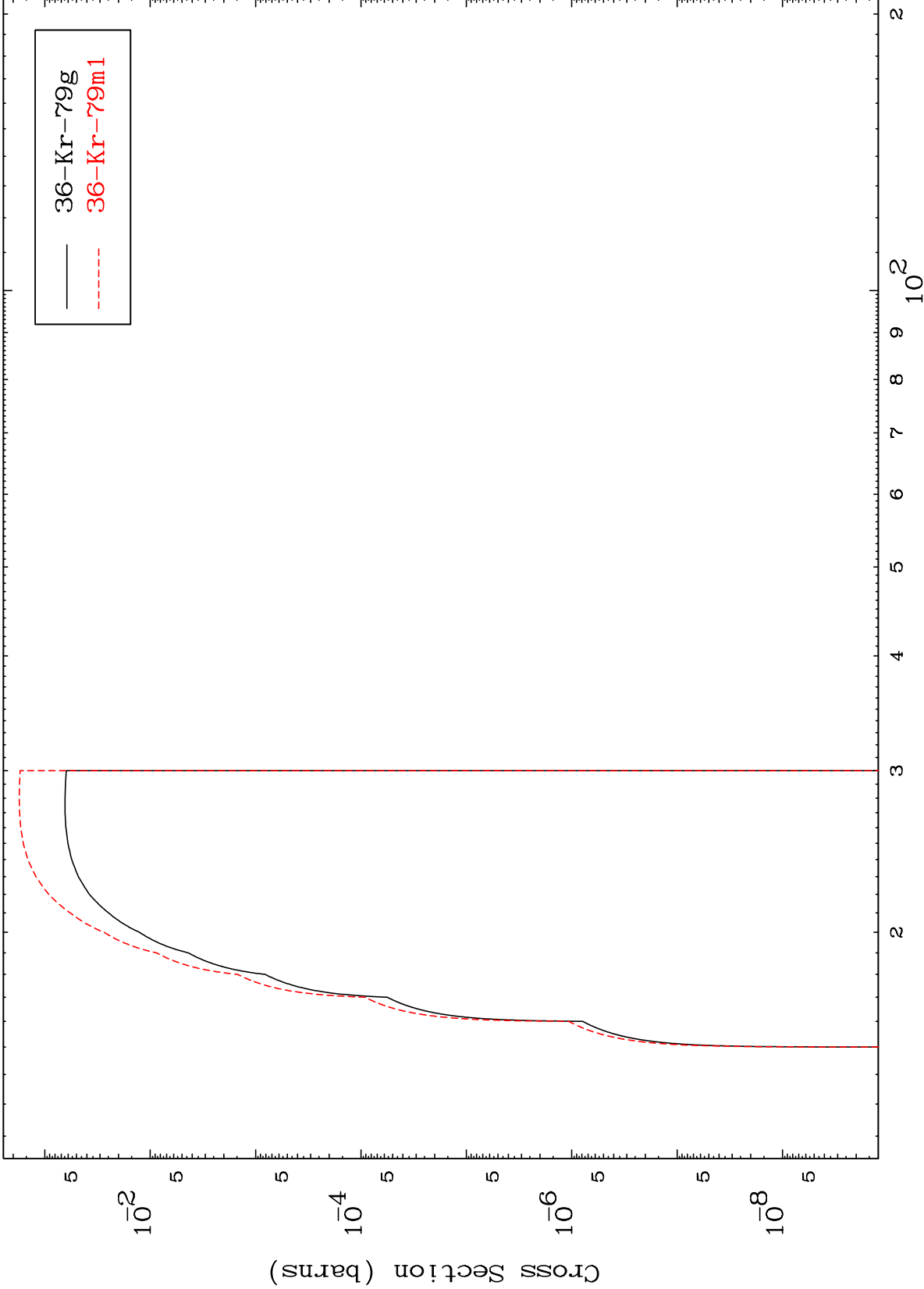


101

Incident Energy (MeV)

38-Sr-81

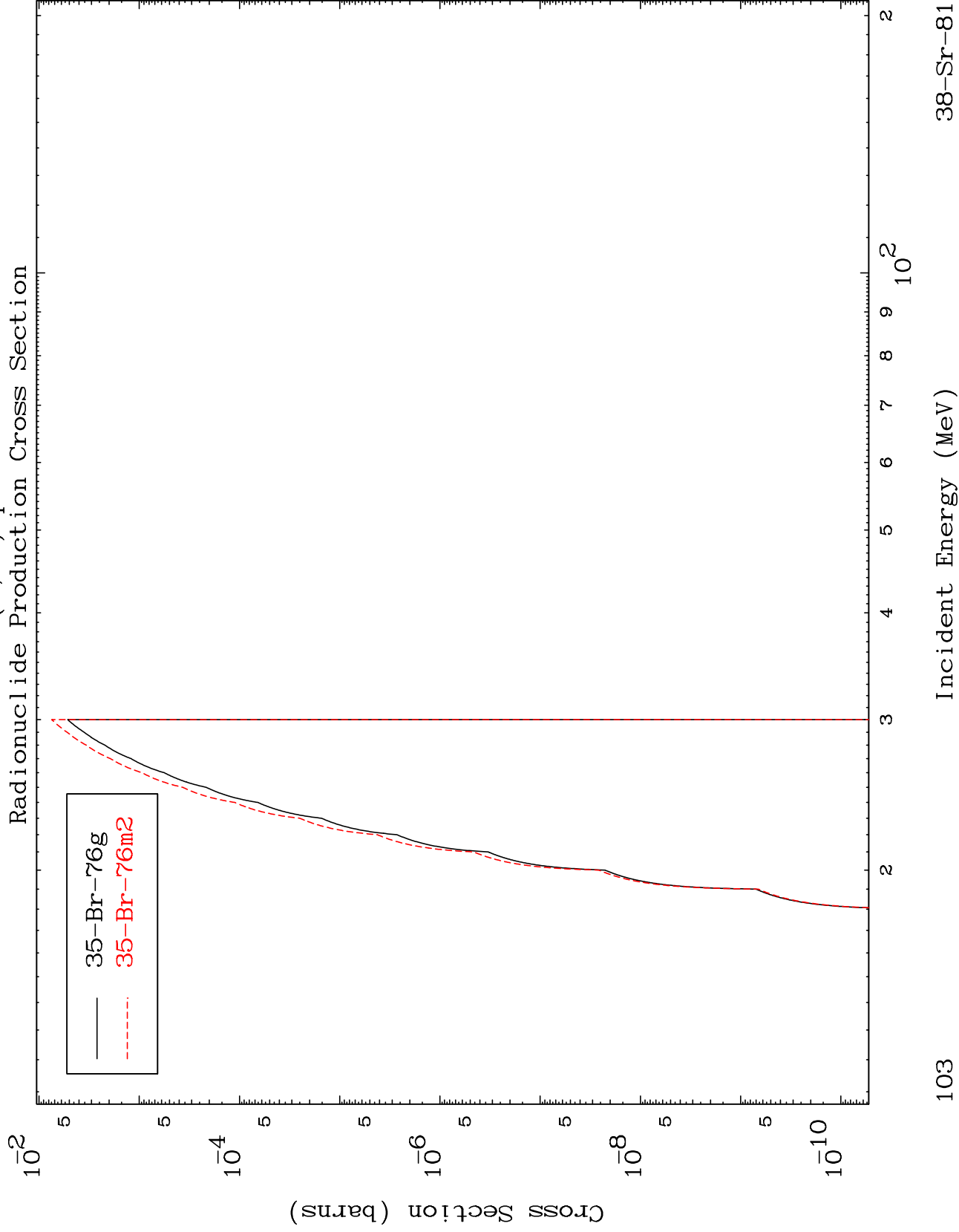
Radionuclide Production Cross Section



MAT 3816

(n,n') p α

38-Sr-81

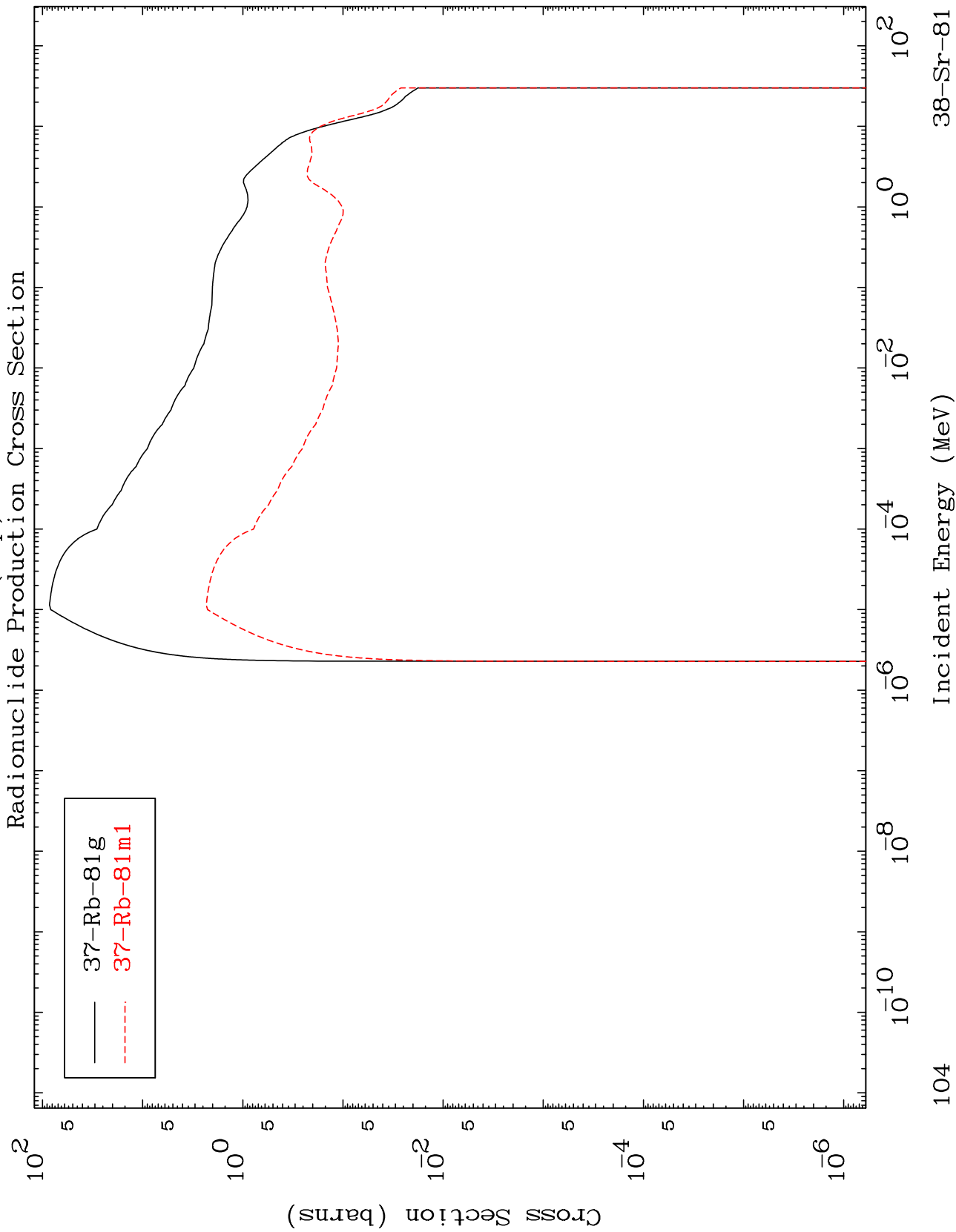


103

38-Sr-81

MAT 3816

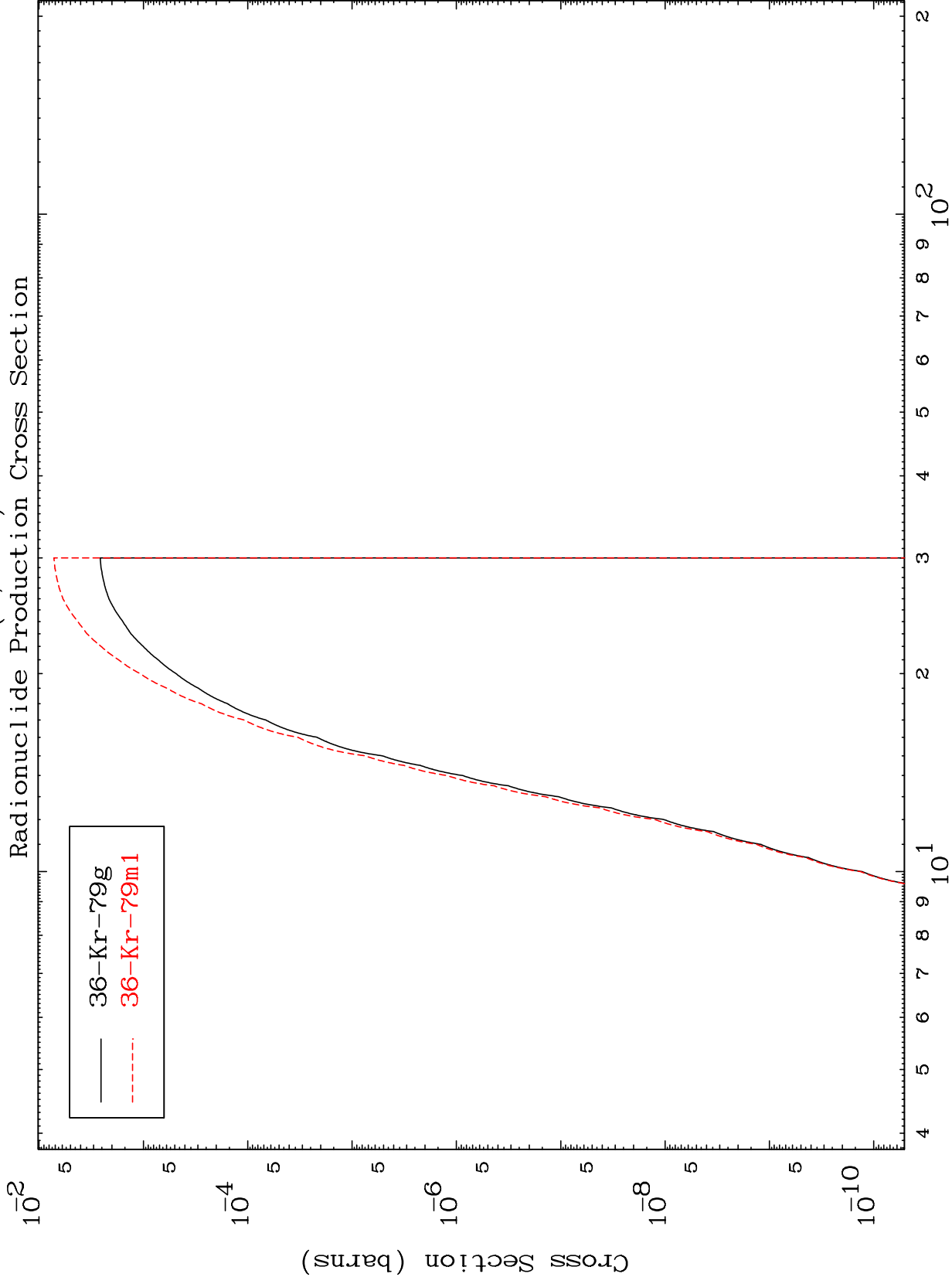
38-Sr-81



MAT 3816

(n,He-3)

38-Sr-81



105

Incident Energy (MeV)

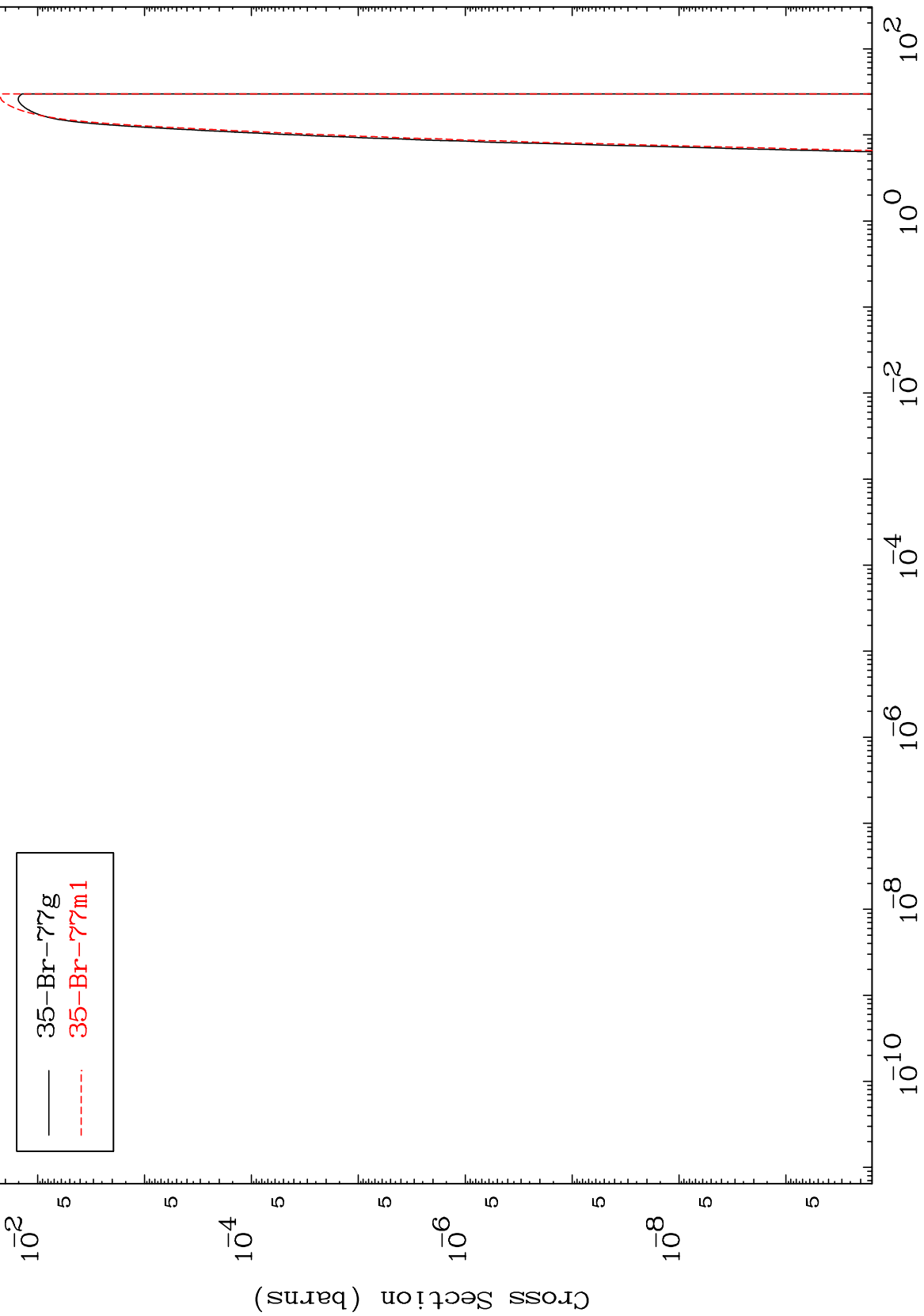
38-Sr-81

MAT 3816

(n,p) α

38-Sr-81

Radionuclide Production Cross Section



106

Incident Energy (MeV)

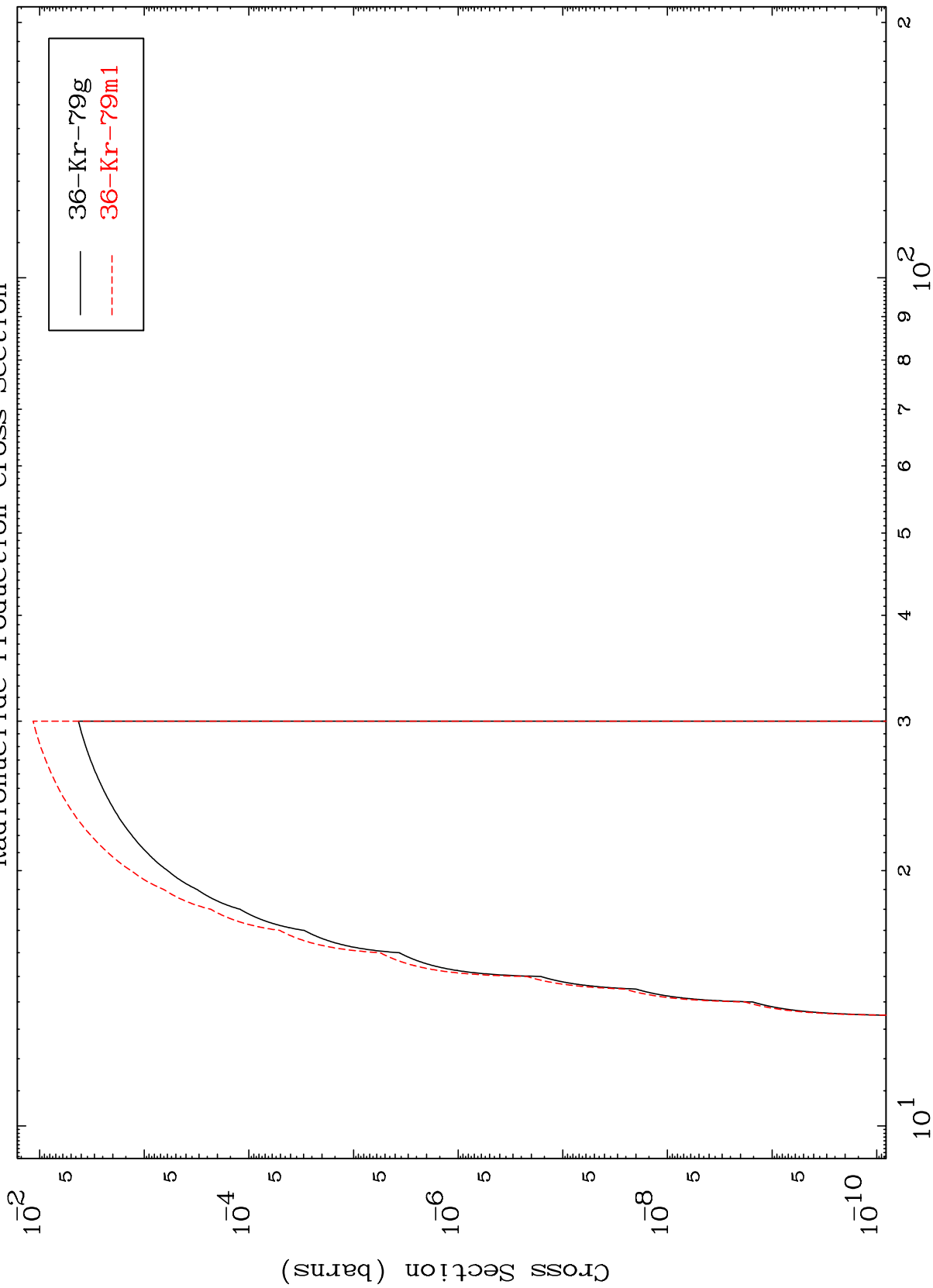
38-Sr-81

MAT 3816

(n,p) d

38-Sr-81

Radionuclide Production Cross Section



Incident Energy (MeV)

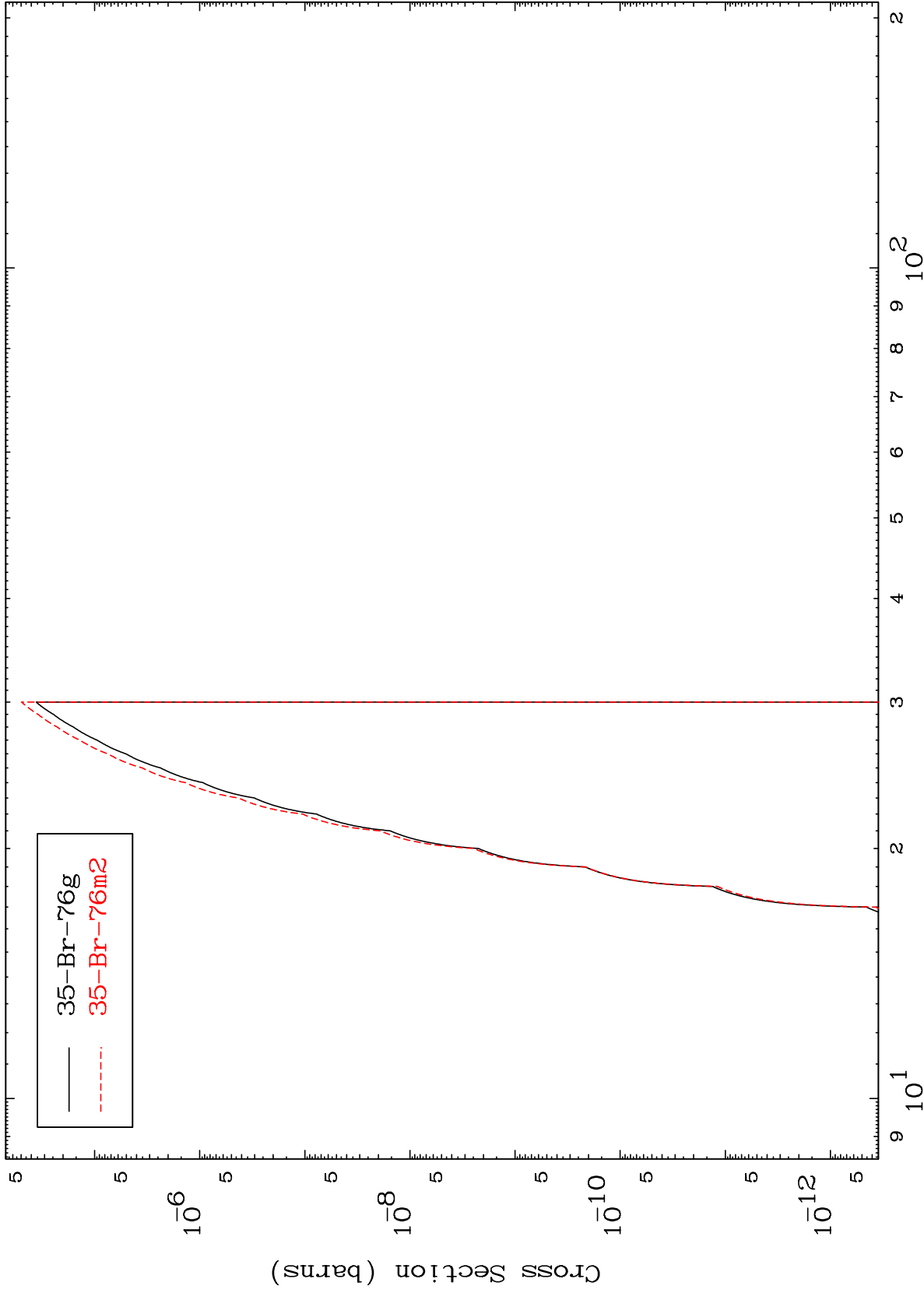
38-Sr-81

MAT 3816

(n,d) α

38-Sr-81

Radionuclide Production Cross Section



108

Incident Energy (MeV)

38-Sr-81