

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
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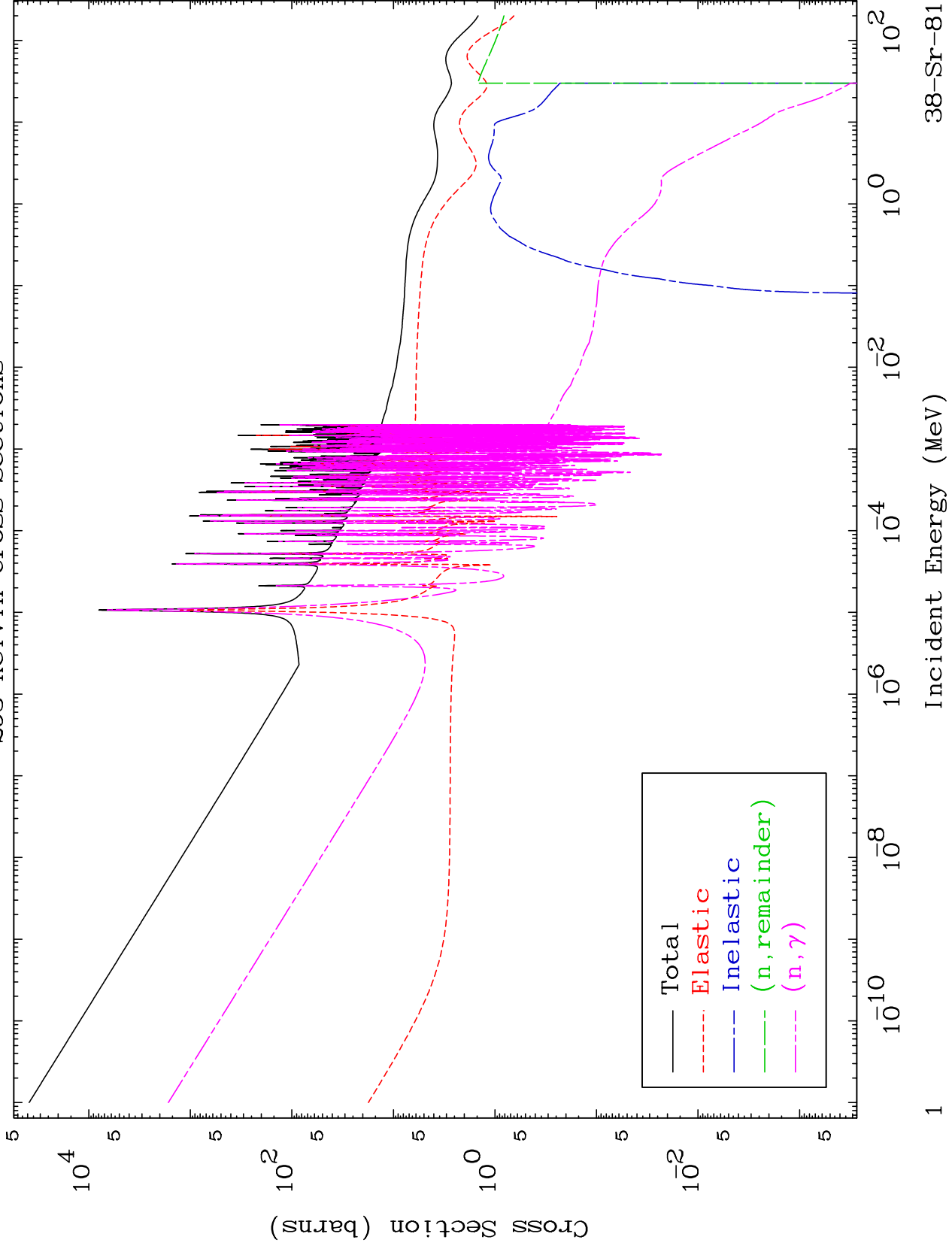
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3816

Major
293 Kelvin Cross Sections

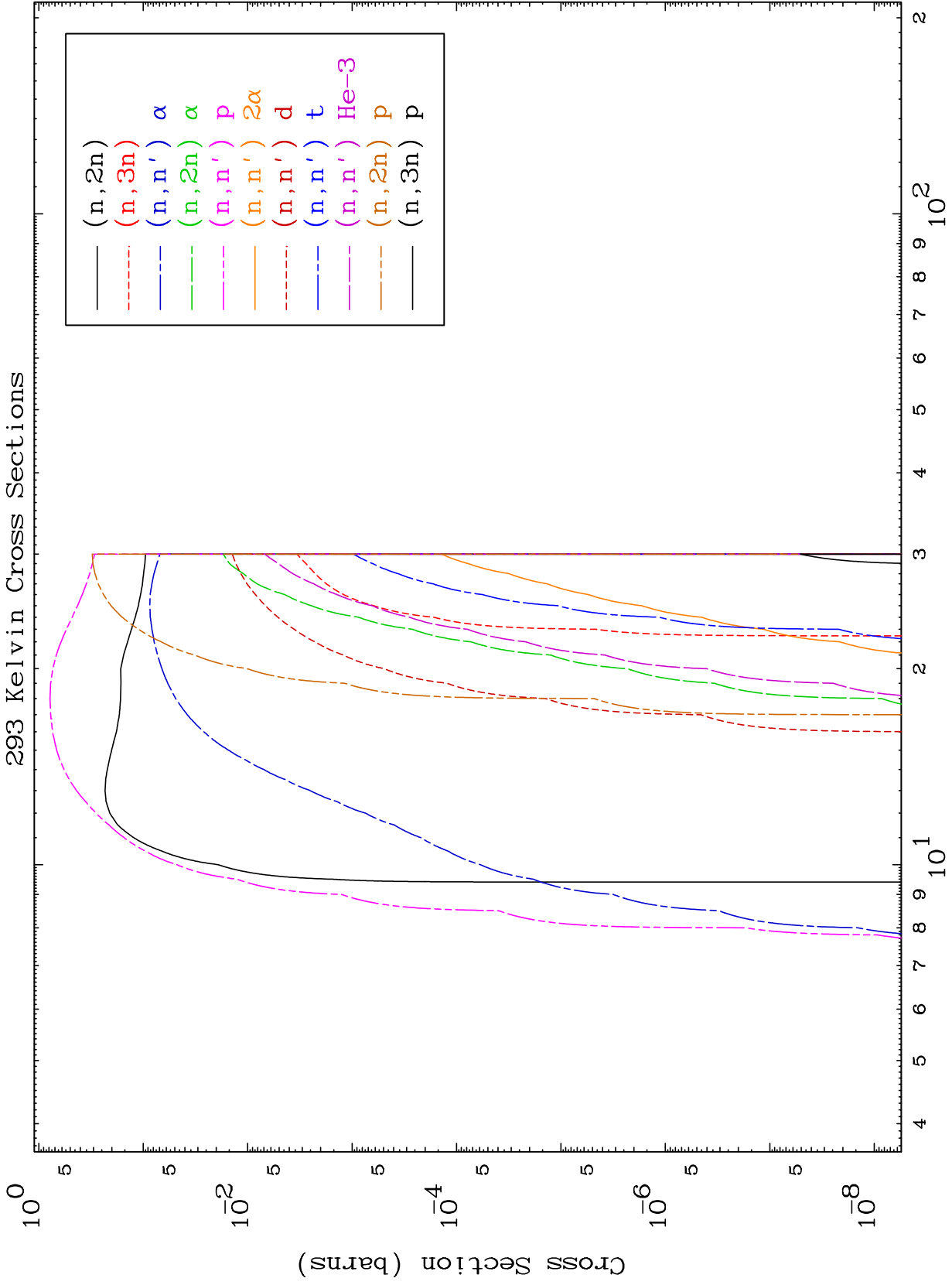
38-Sr-81



MAT 3816

Neutron Production
293 Kelvin Cross Sections

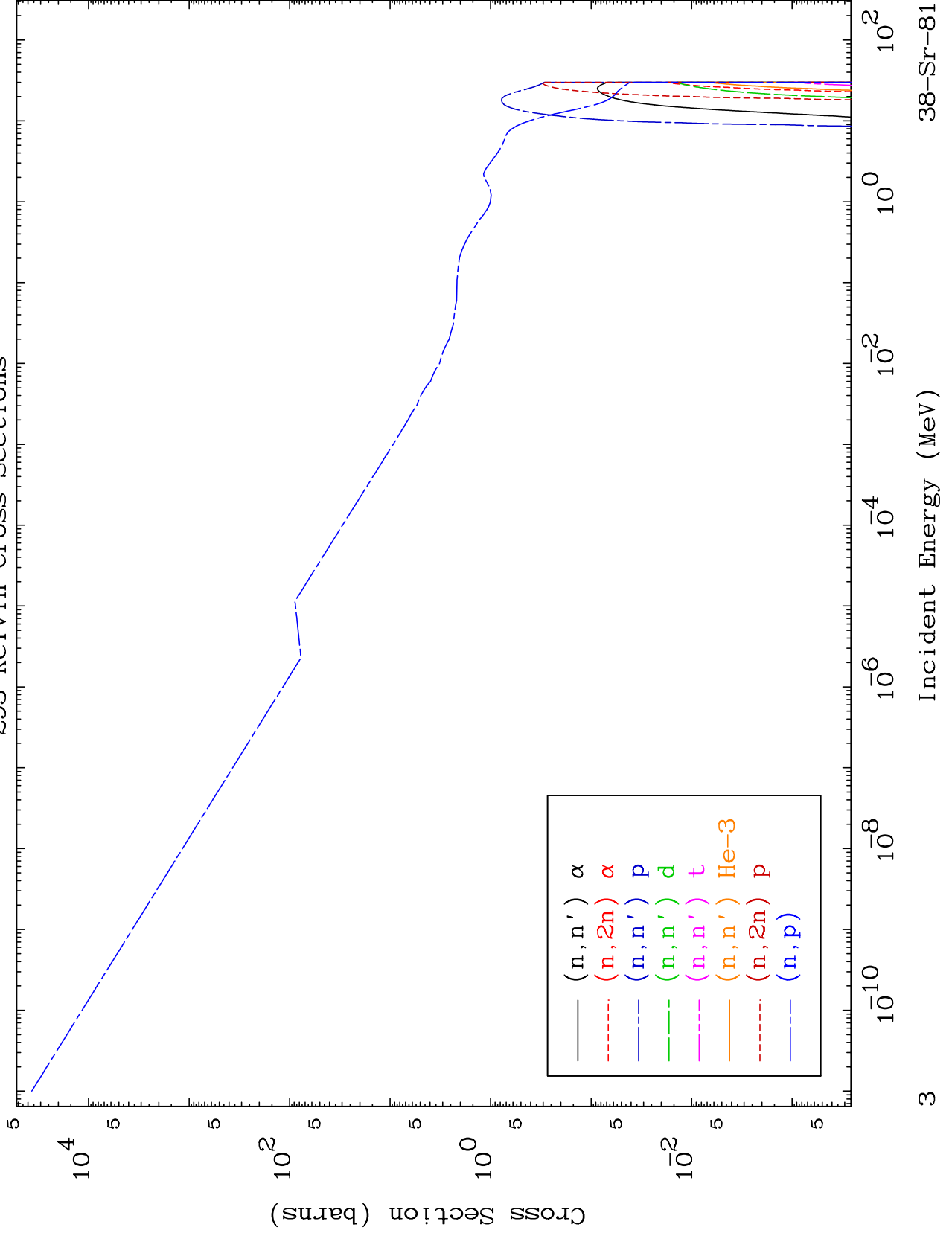
38-Sr-81



MAT 3816

Charged Particle
293 Kelvin Cross Sections

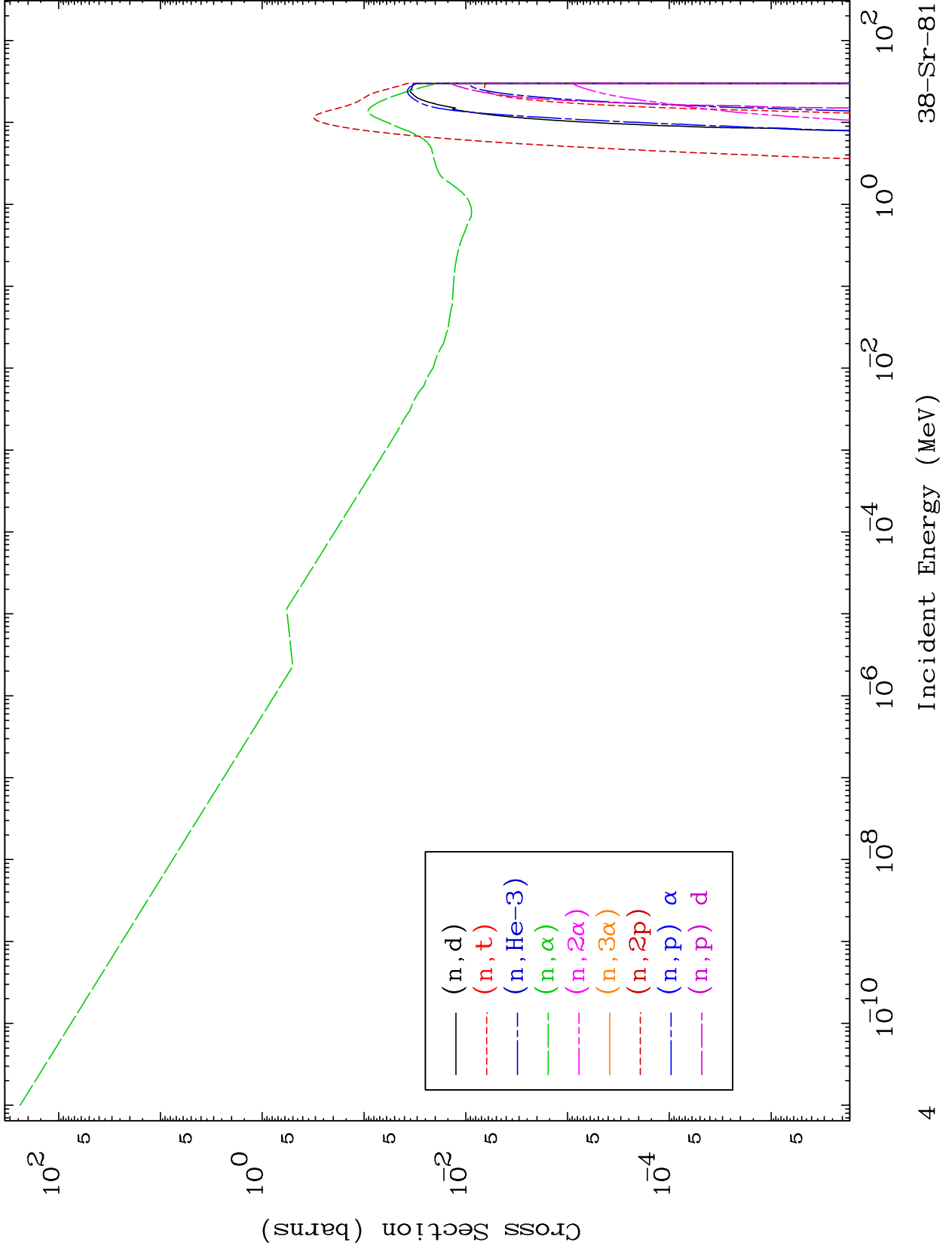
38-Sr-81



MAT 3816

Charged Particle
293 Kelvin Cross Sections

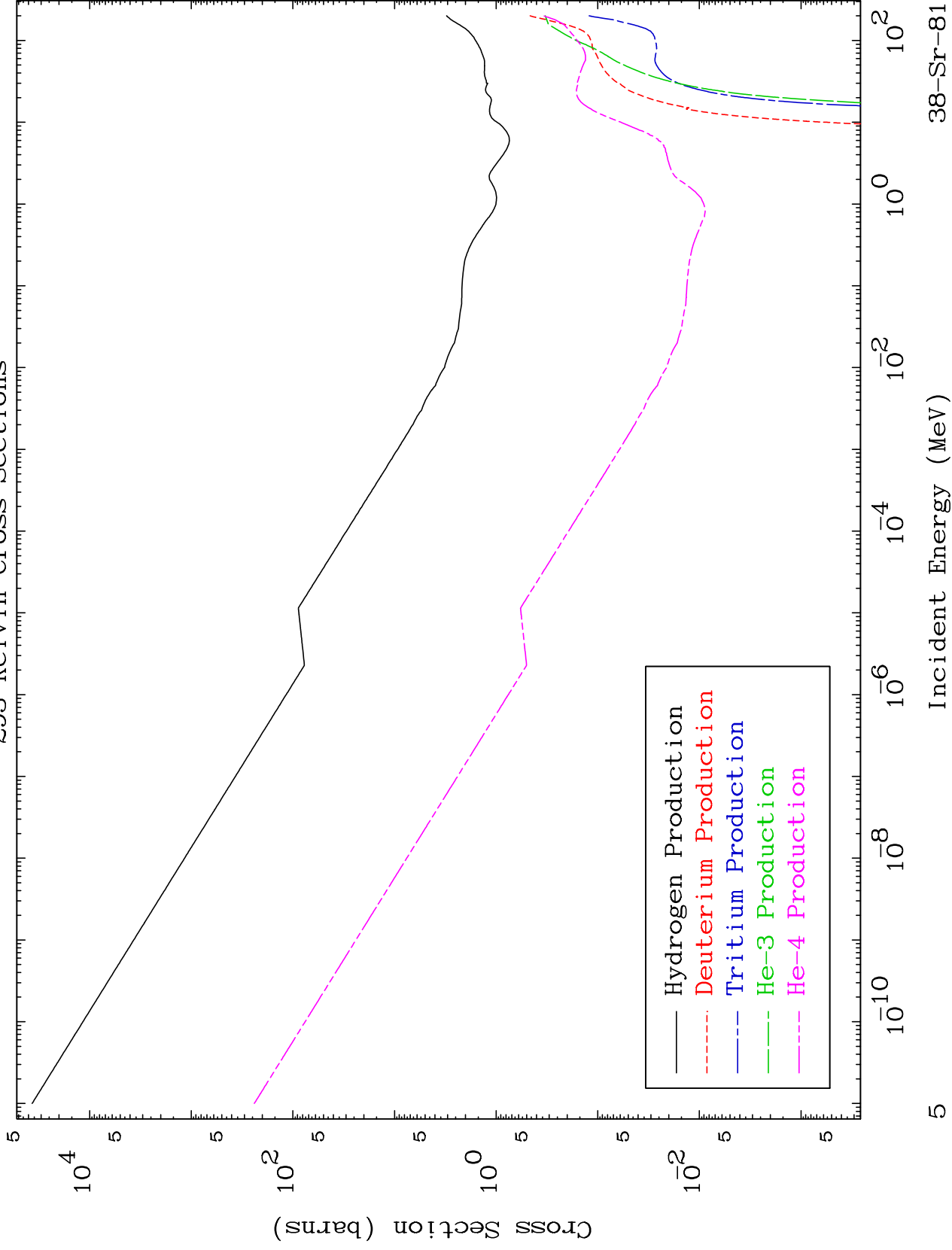
38-Sr-81



MAT 3816

Particle Production
293 Kelvin Cross Sections

38-Sr-81



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Incident Energy (MeV)

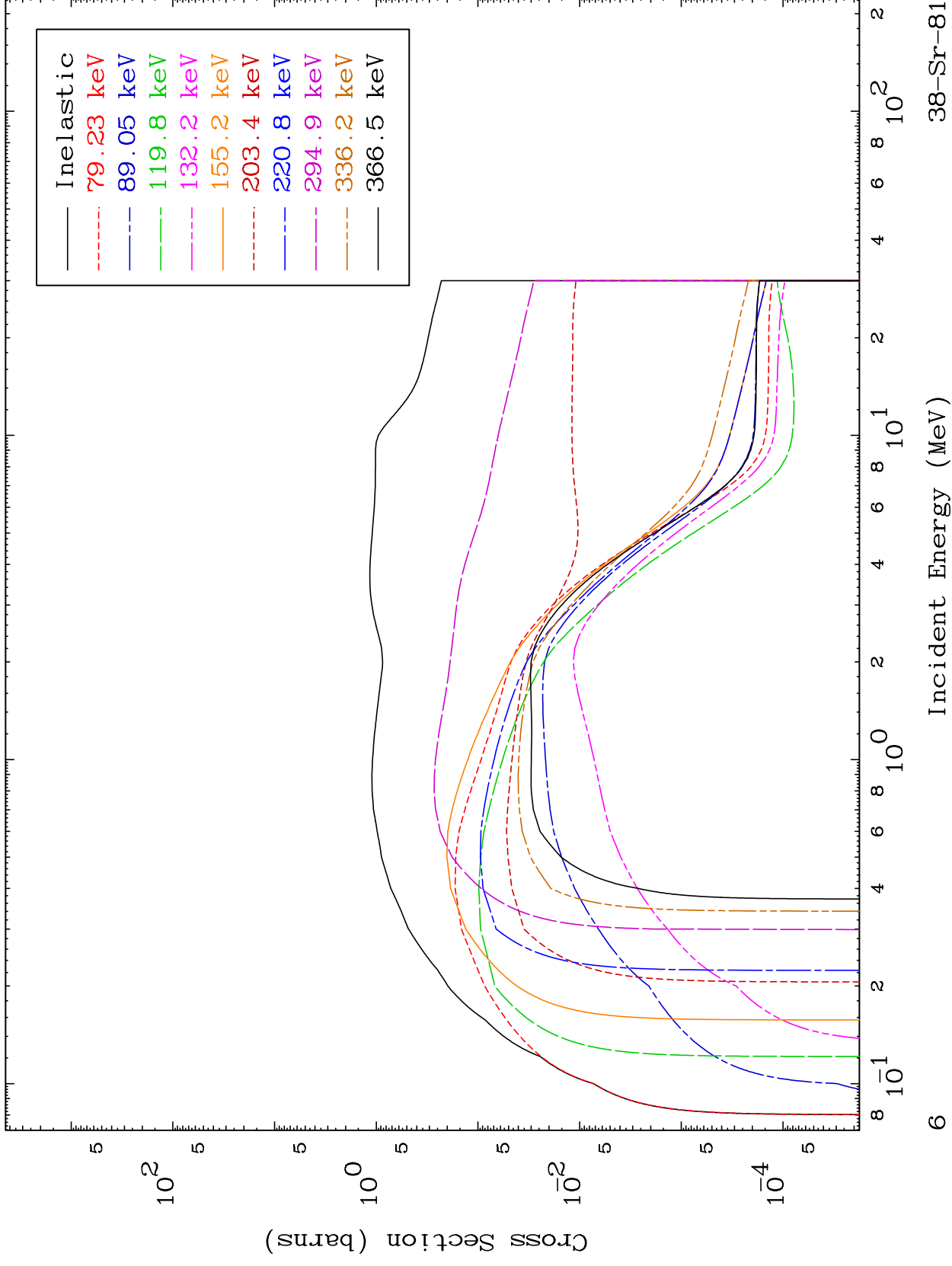
38-Sr-81

MAT 3816

(n,n') Level

38-Sr-81

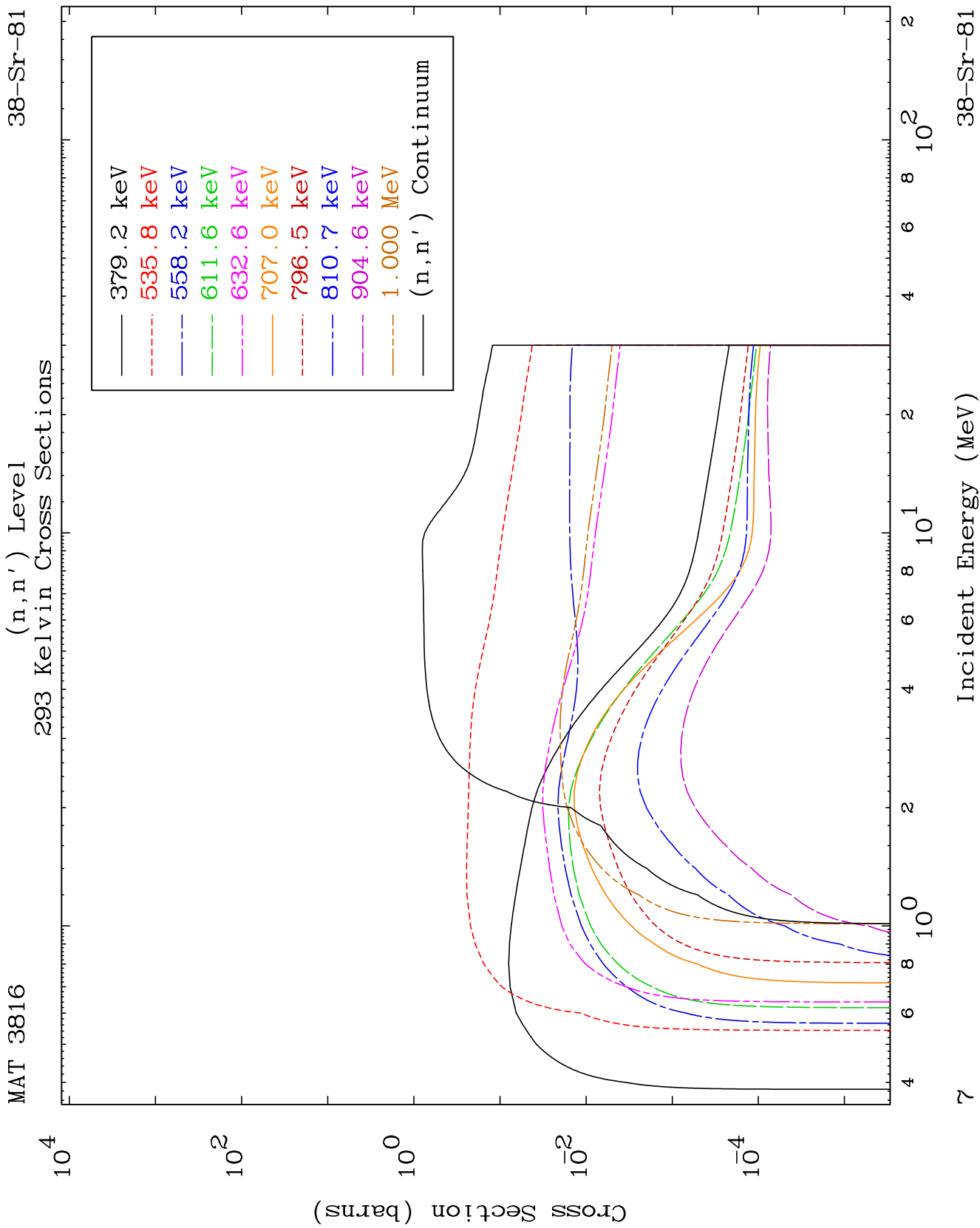
293 Kelvin Cross Sections



38-Sr-81

Incident Energy (MeV)

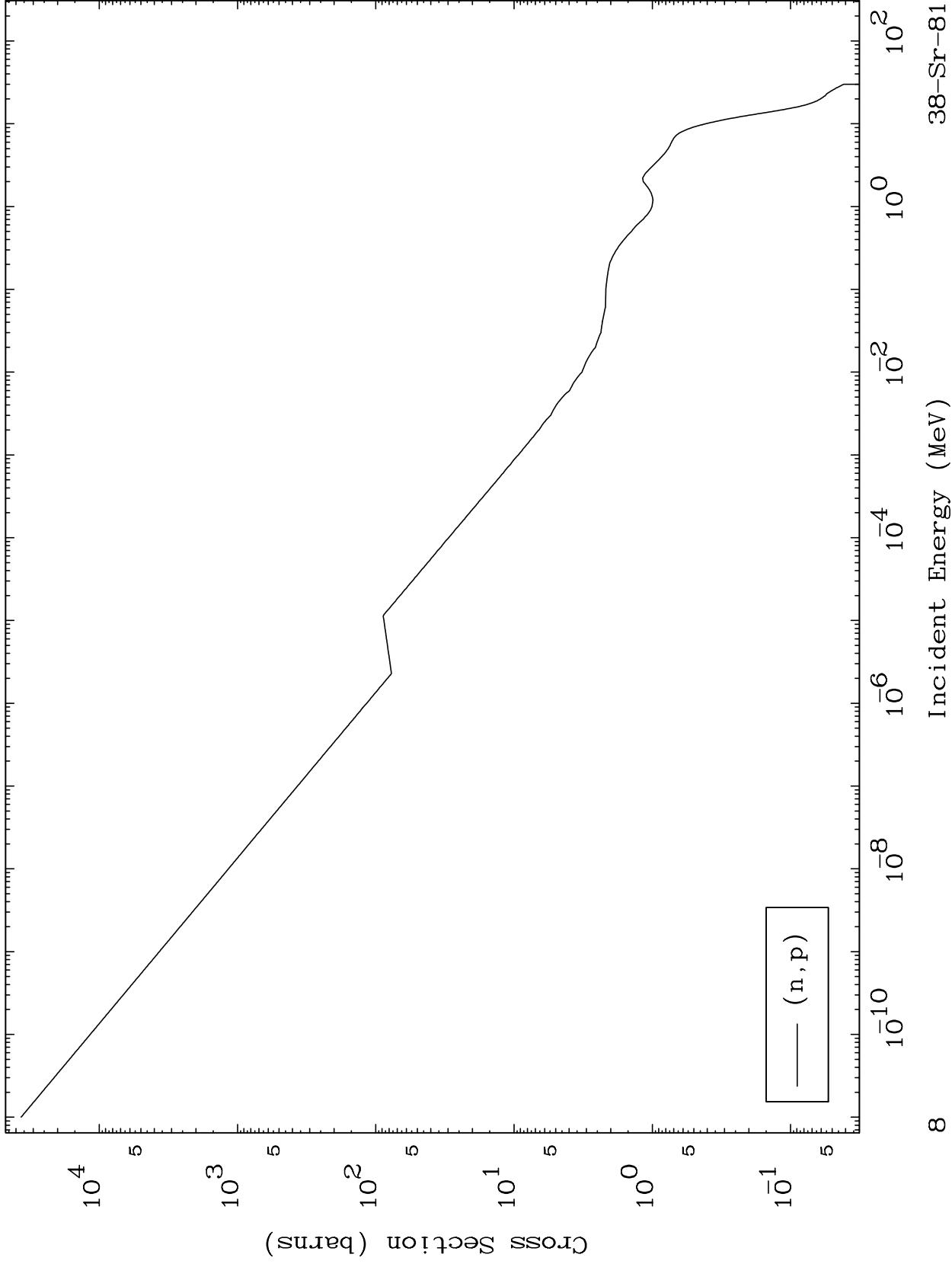
6

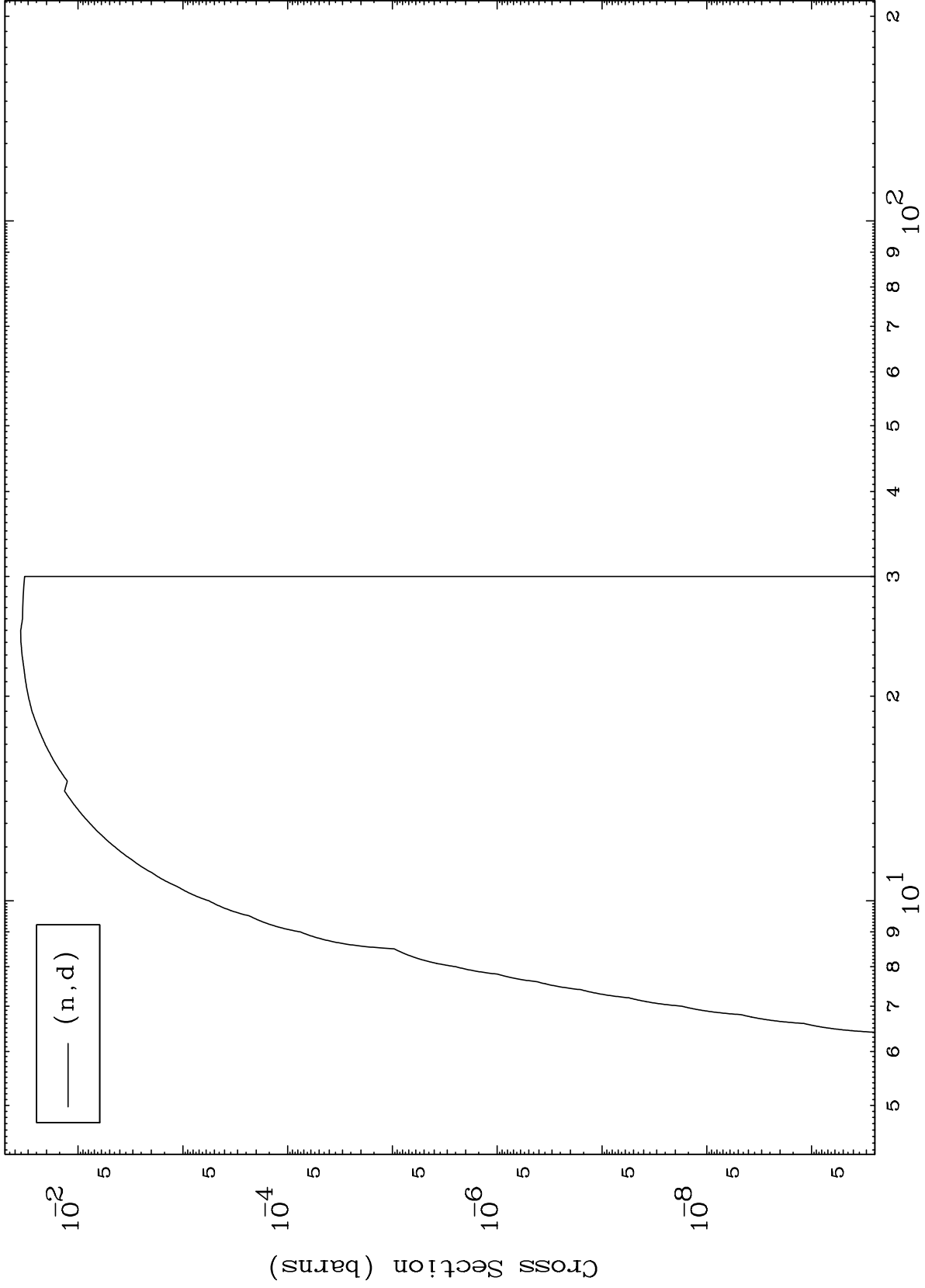


MAT 3816

(n,p) Levels
293 Kelvin Cross Sections

38-Sr-81

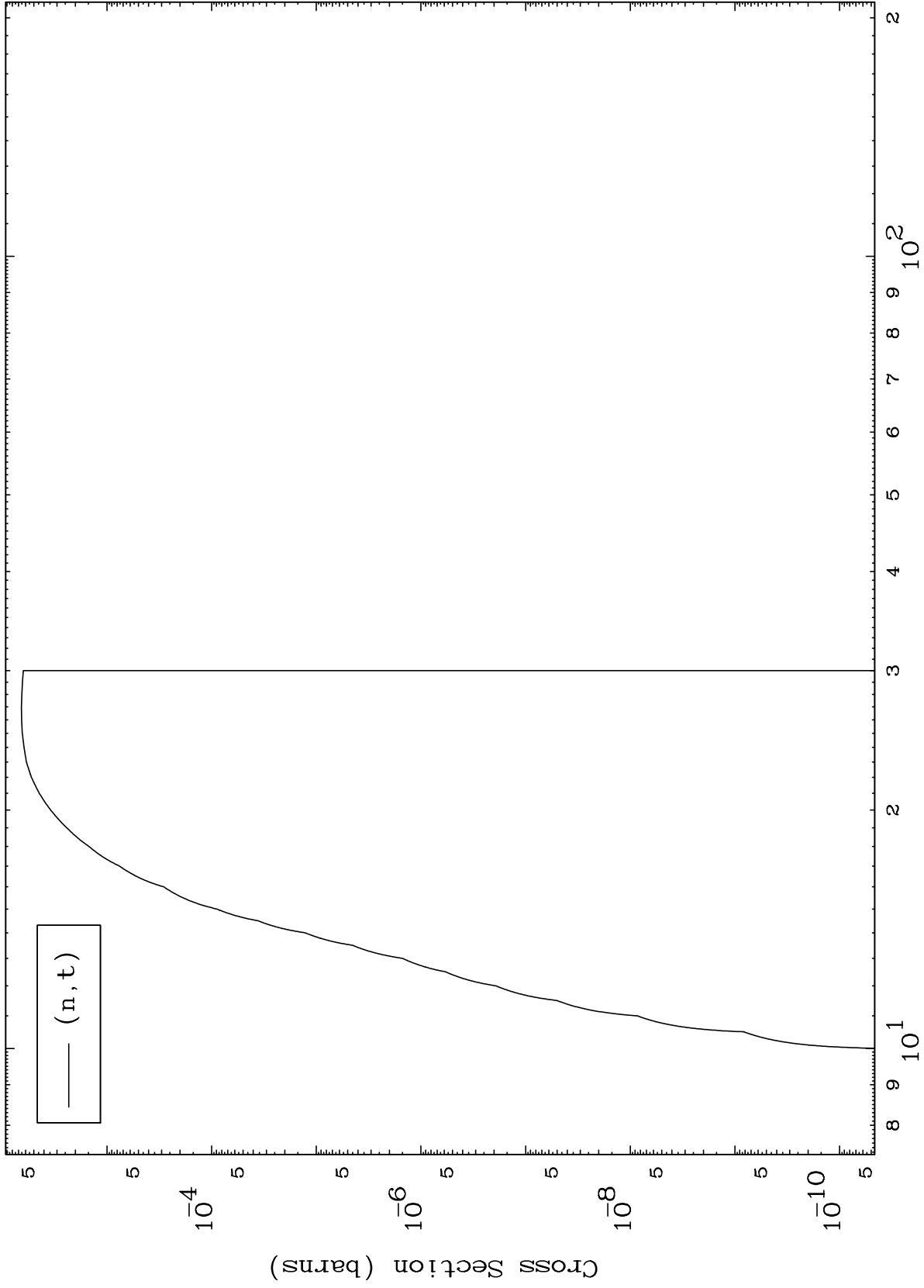




MAT 3816

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-81



10

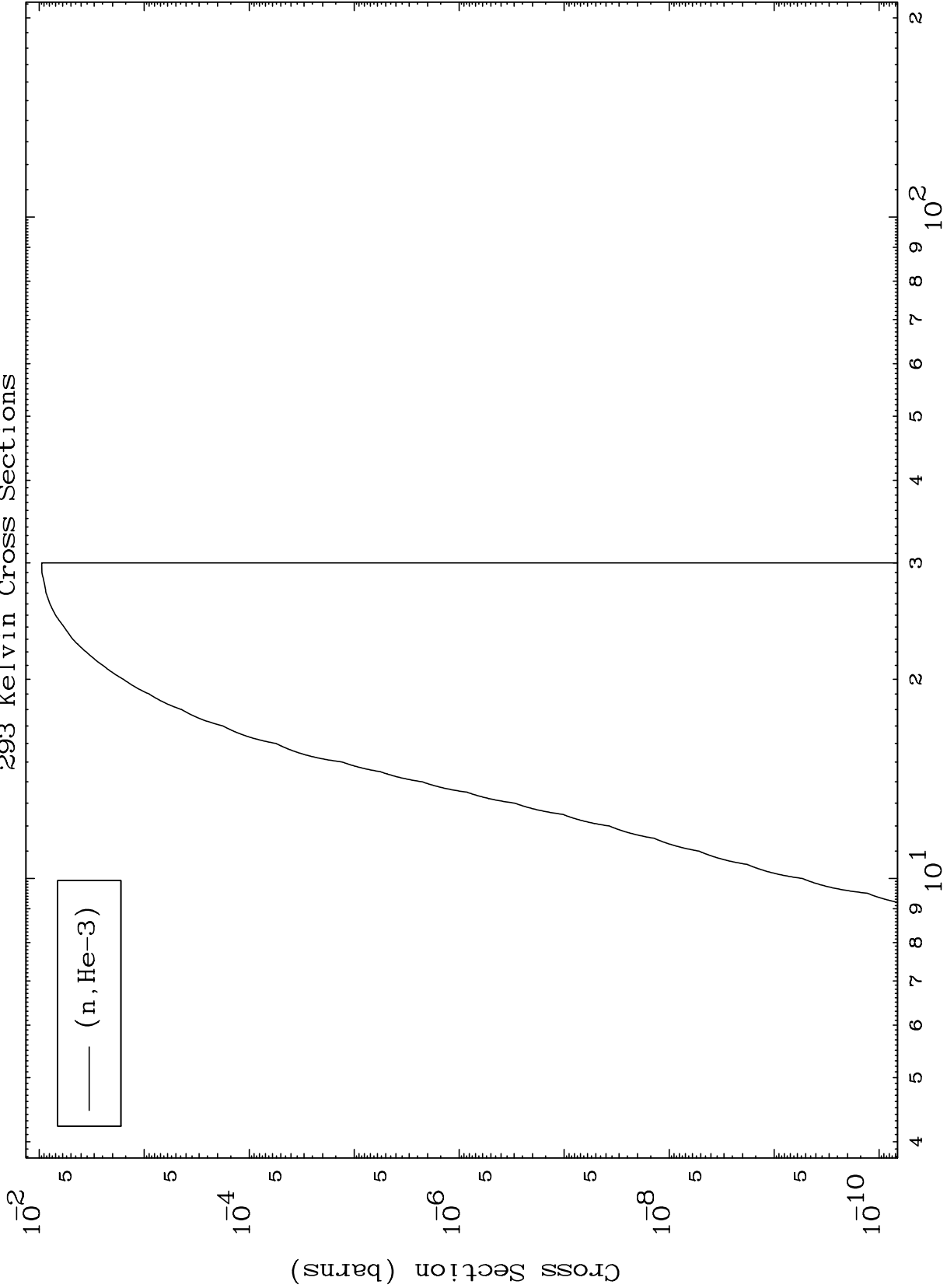
Incident Energy (MeV)

38-Sr-81

MAT 3816

38-Sr-81

(n,He3) Levels
293 Kelvin Cross Sections



11

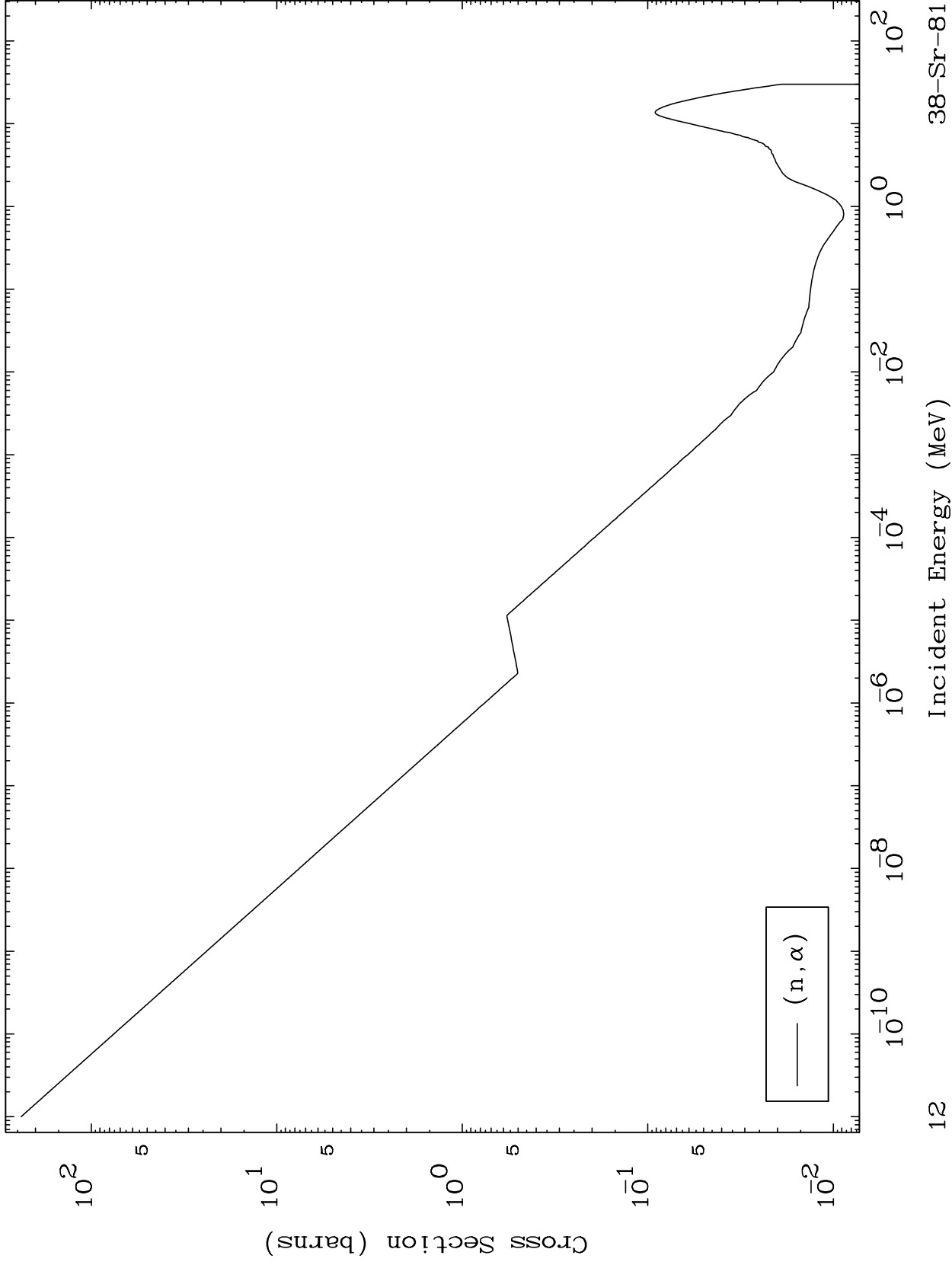
Incident Energy (MeV)

38-Sr-81

MAT 3816

(n, α) Levels
293 Kelvin Cross Sections

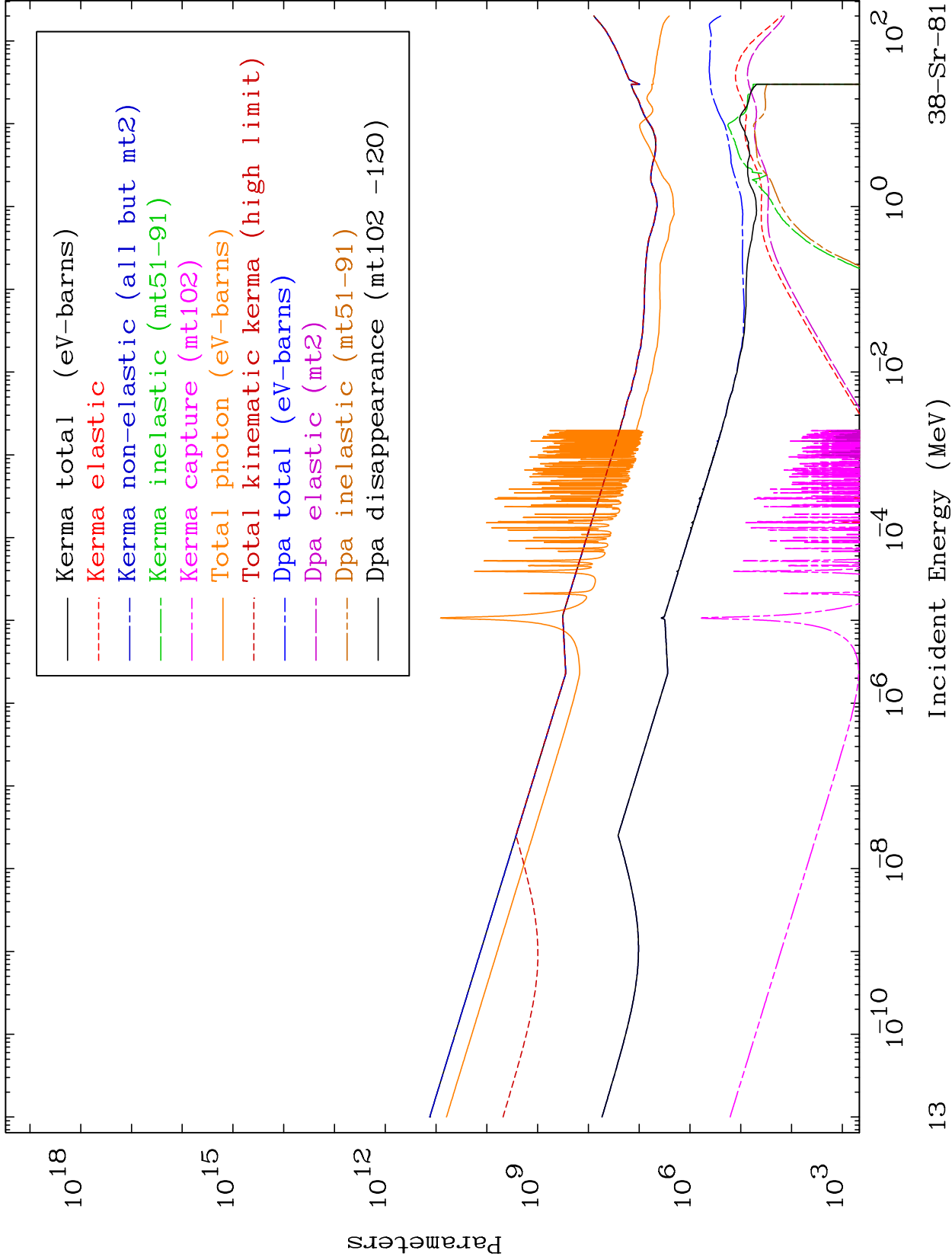
38-Sr-81



12

Incident Energy (MeV)

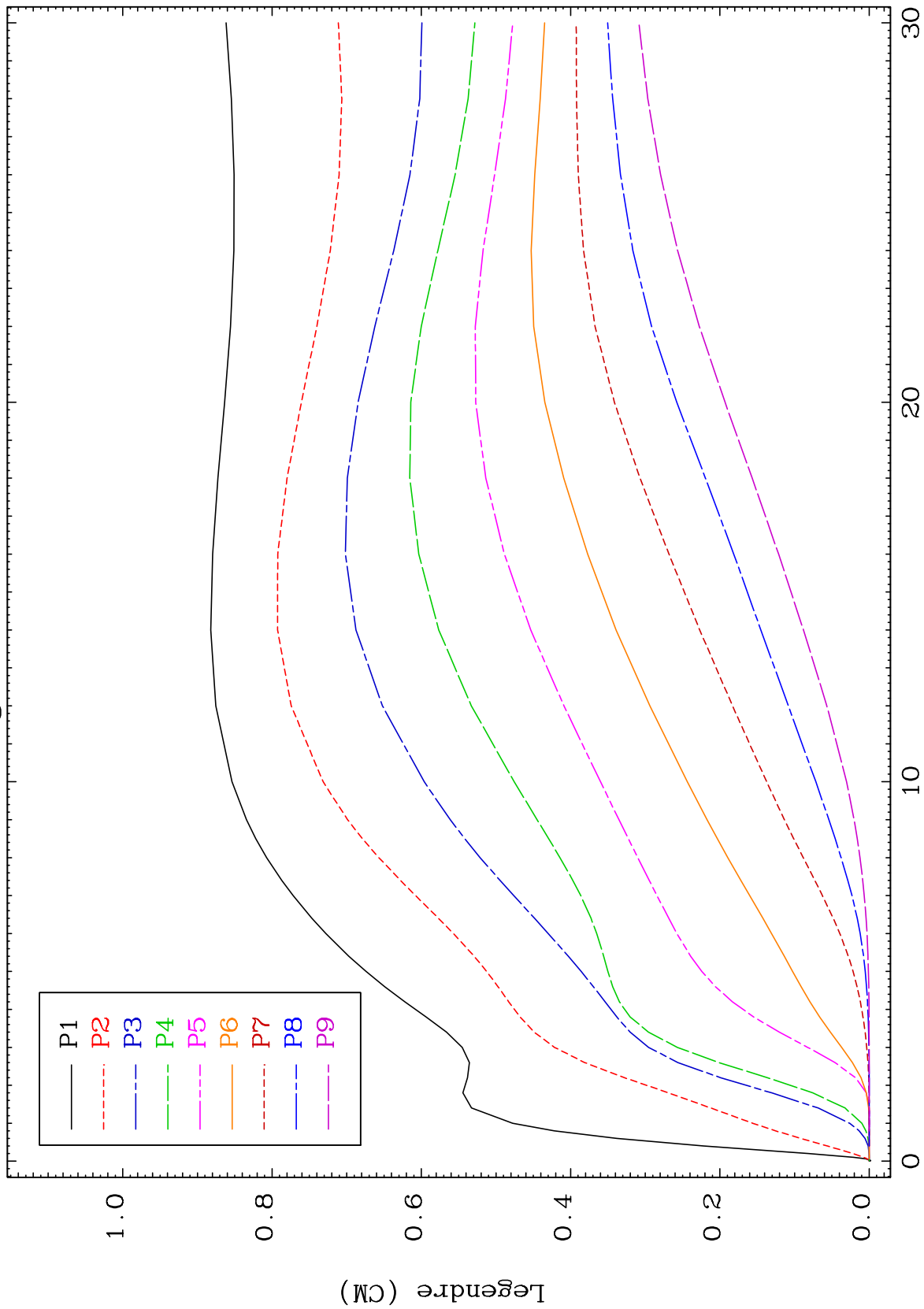
38-Sr-81



MAT 3816

Elastic Legendre Coefficients

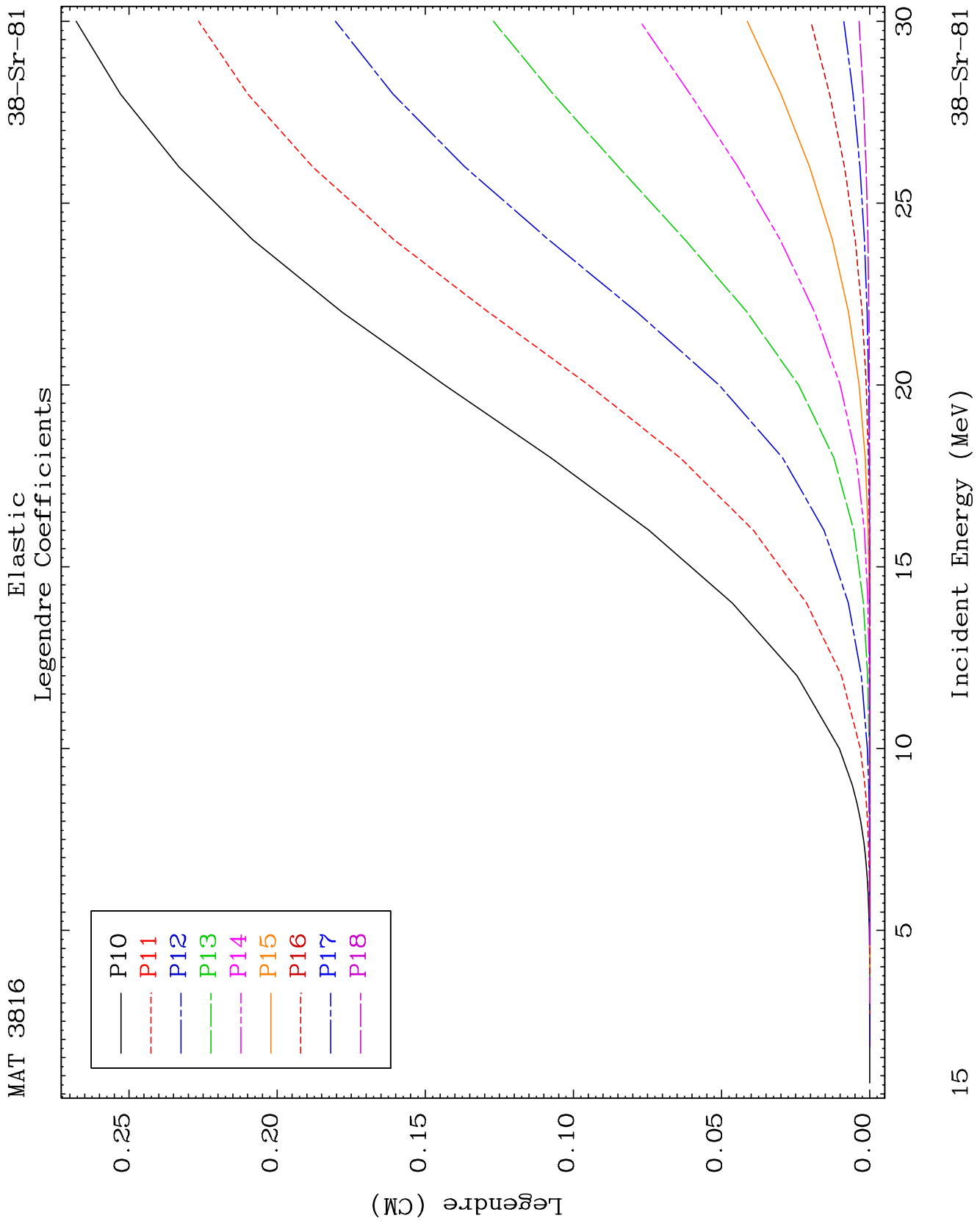
³⁸Sr-81



14

Incident Energy (MeV)

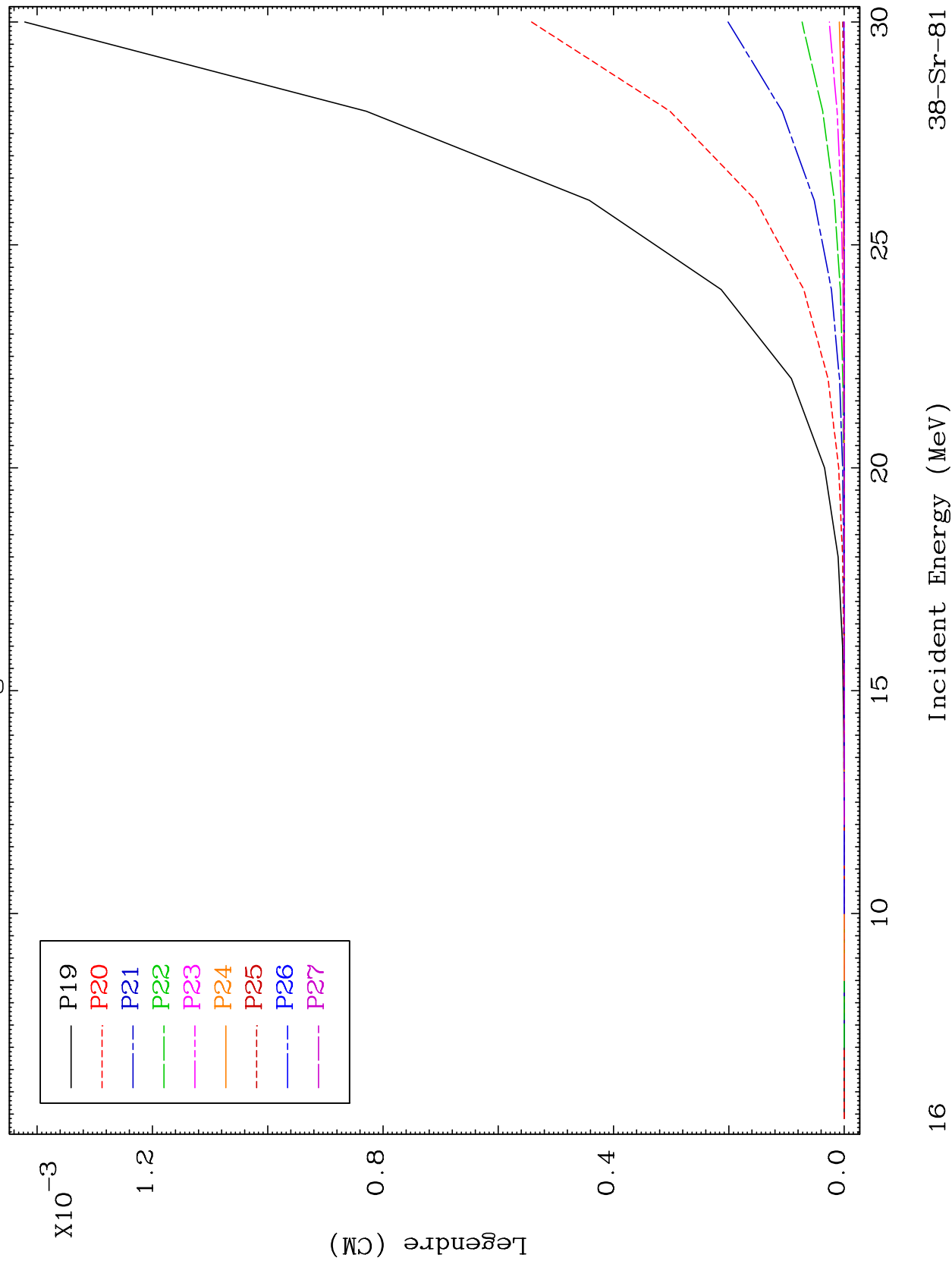
³⁸Sr-81



MAT 3816

Elastic Legendre Coefficients

38-Sr-81

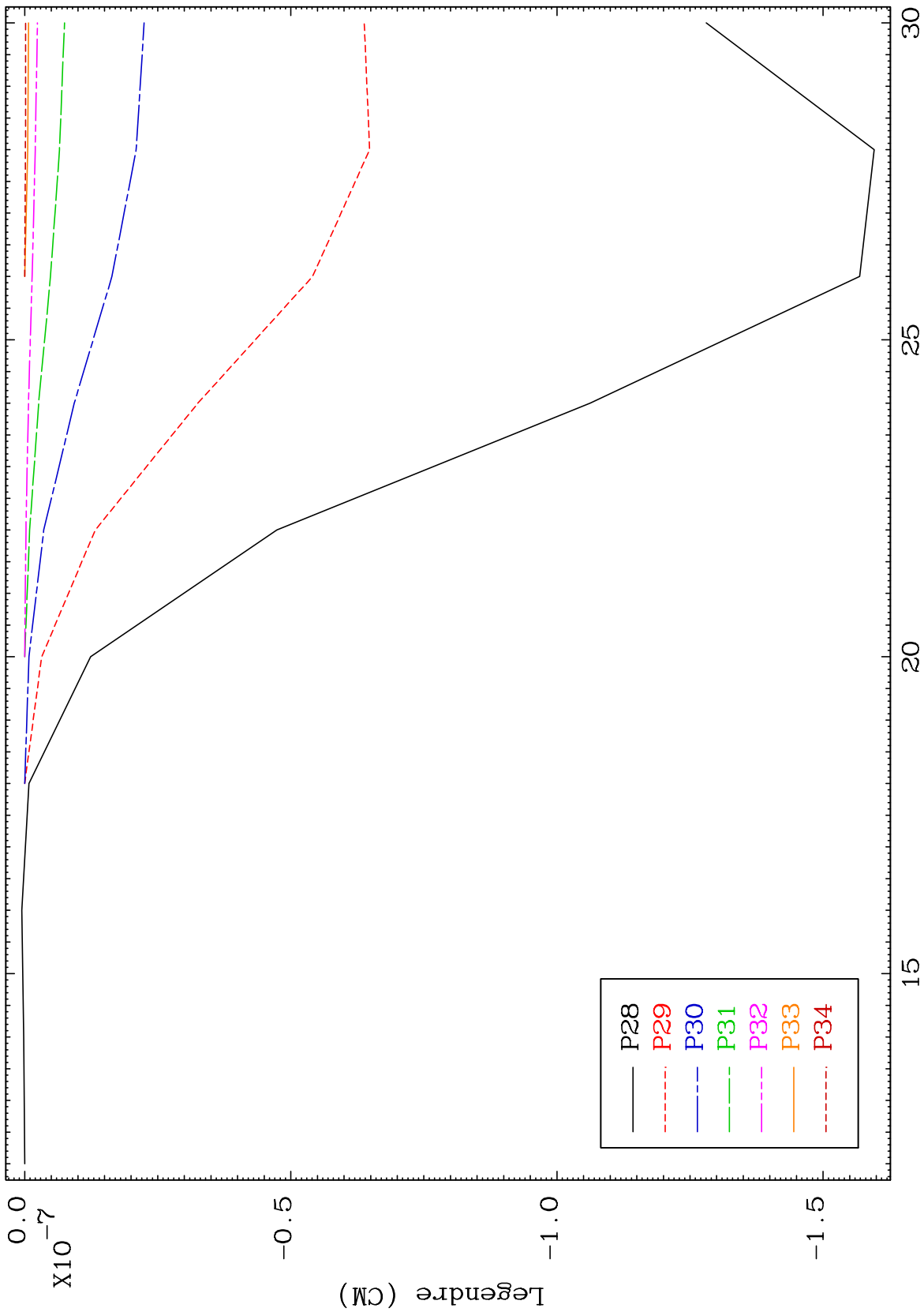


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 3816

38-Sr-81

Elastic Legendre Coefficients



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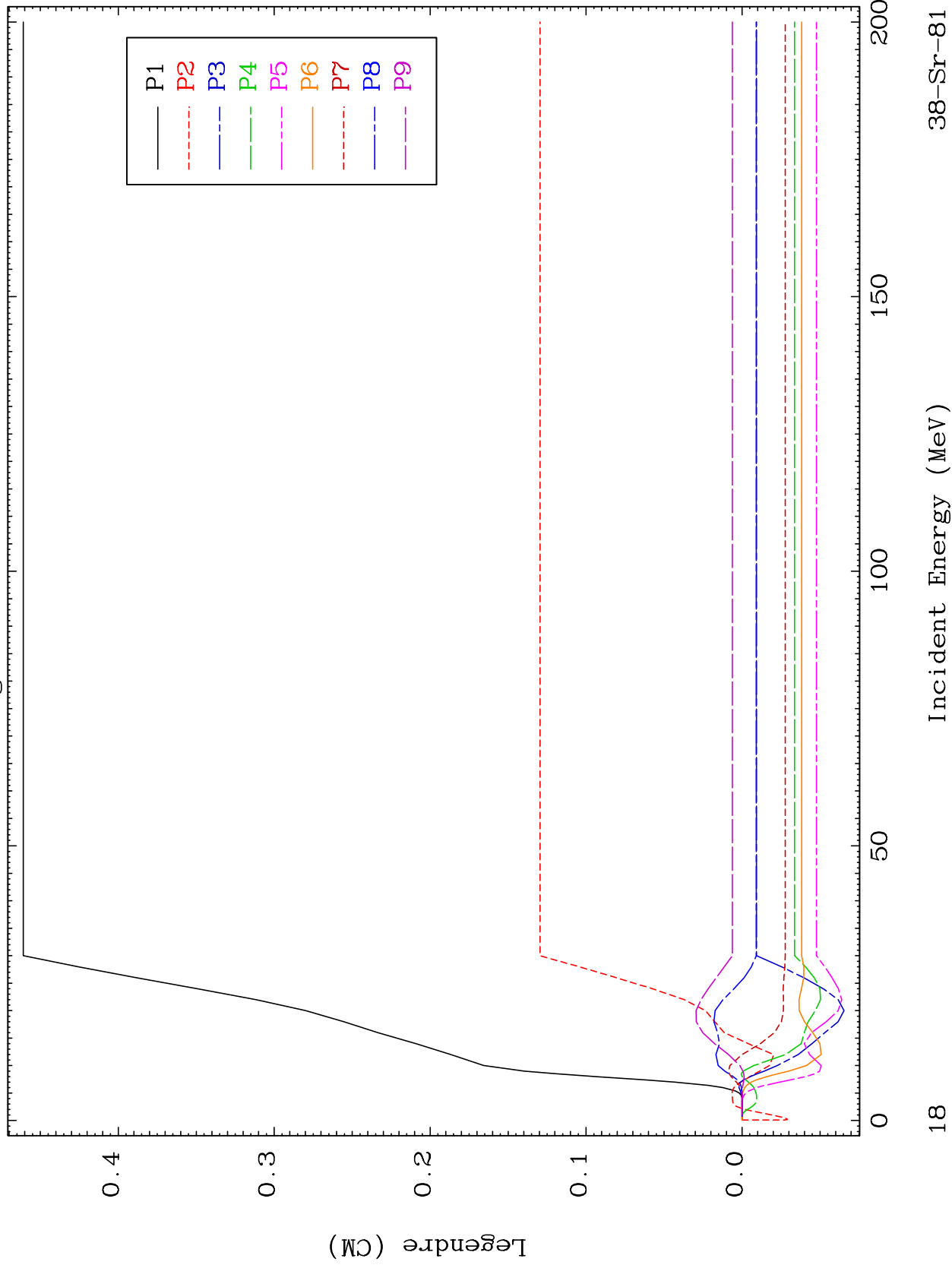
Incident Energy (MeV)

38-Sr-81

MAT 3816

79.23 keV (n,n') Level
Legendre Coefficients

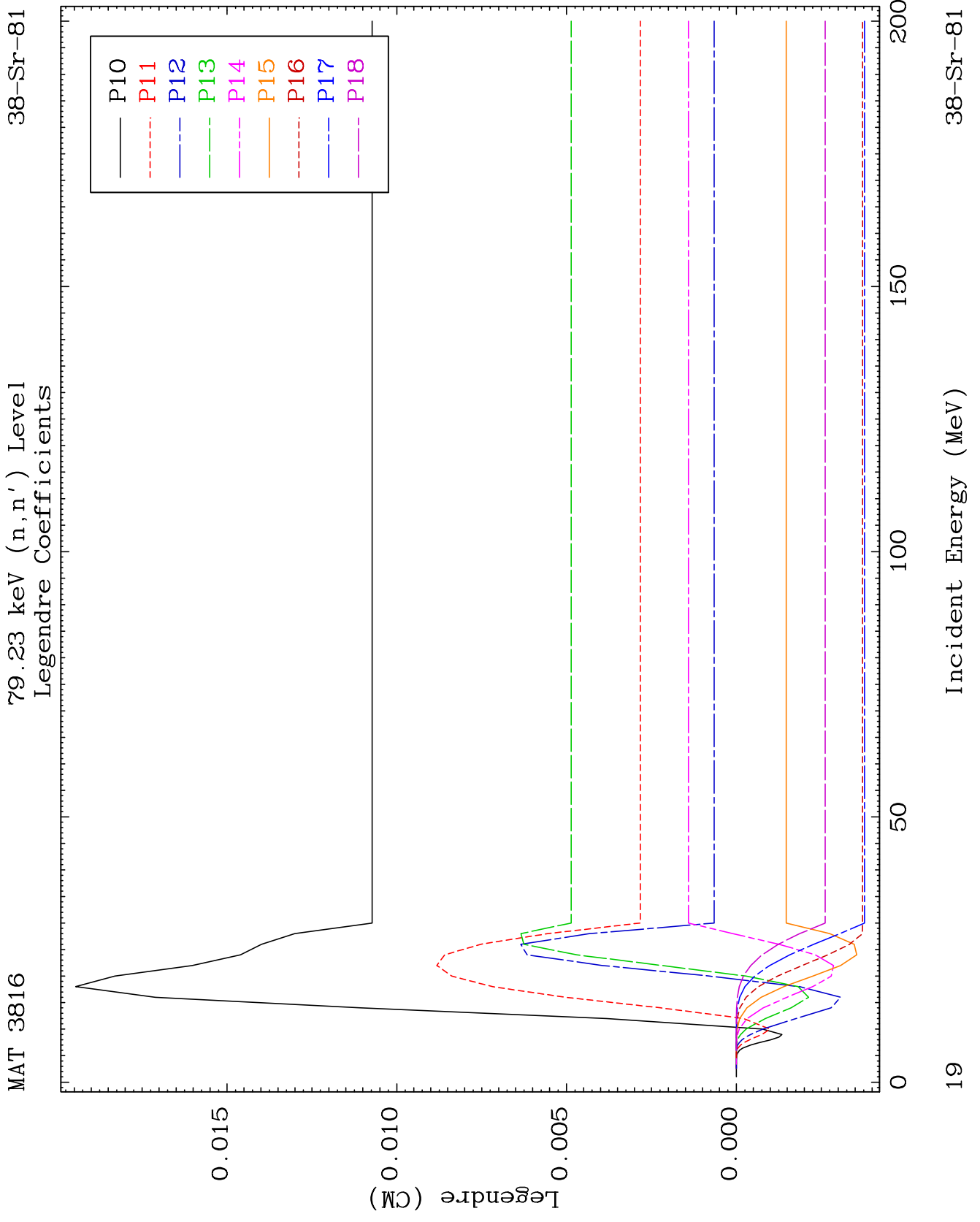
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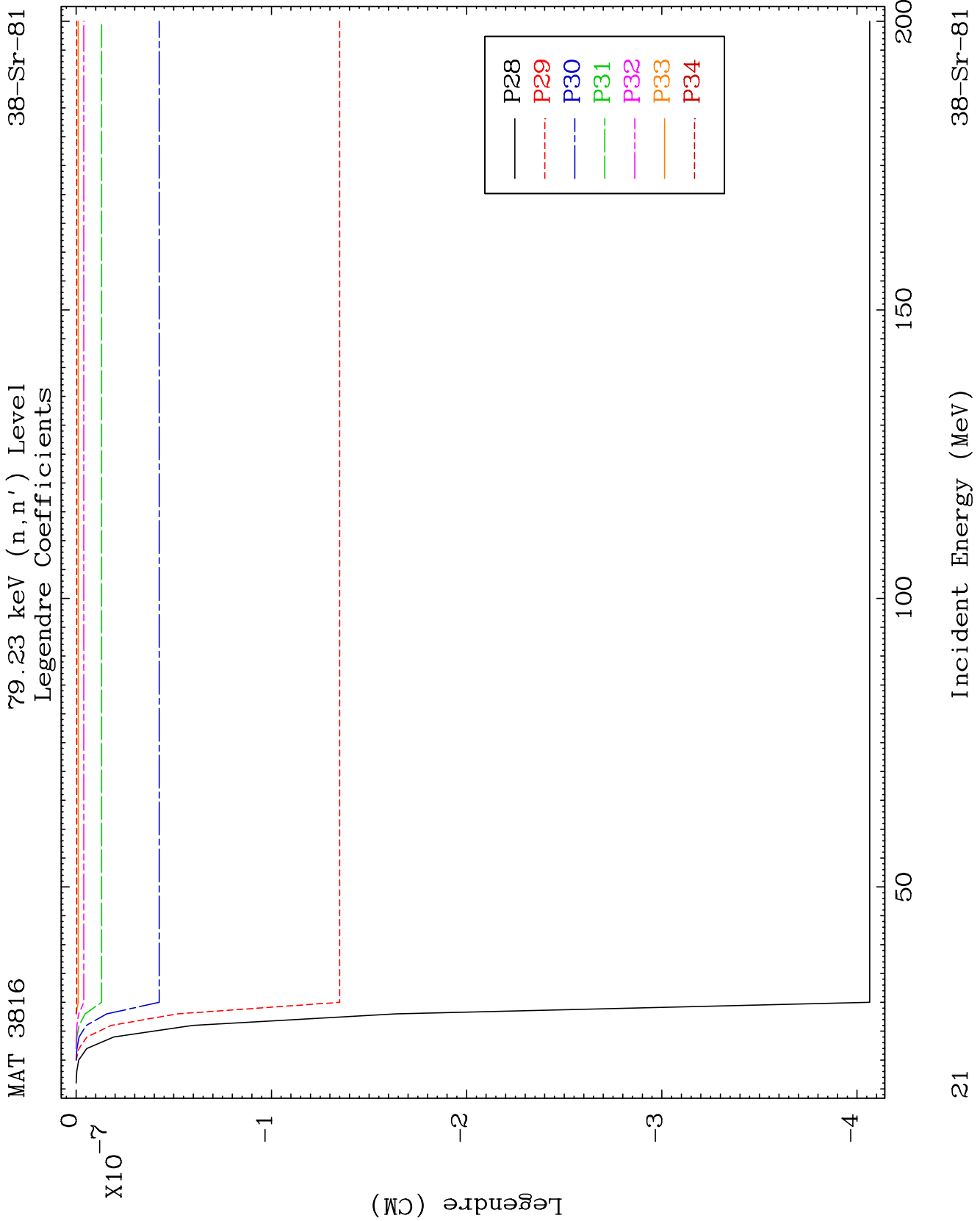


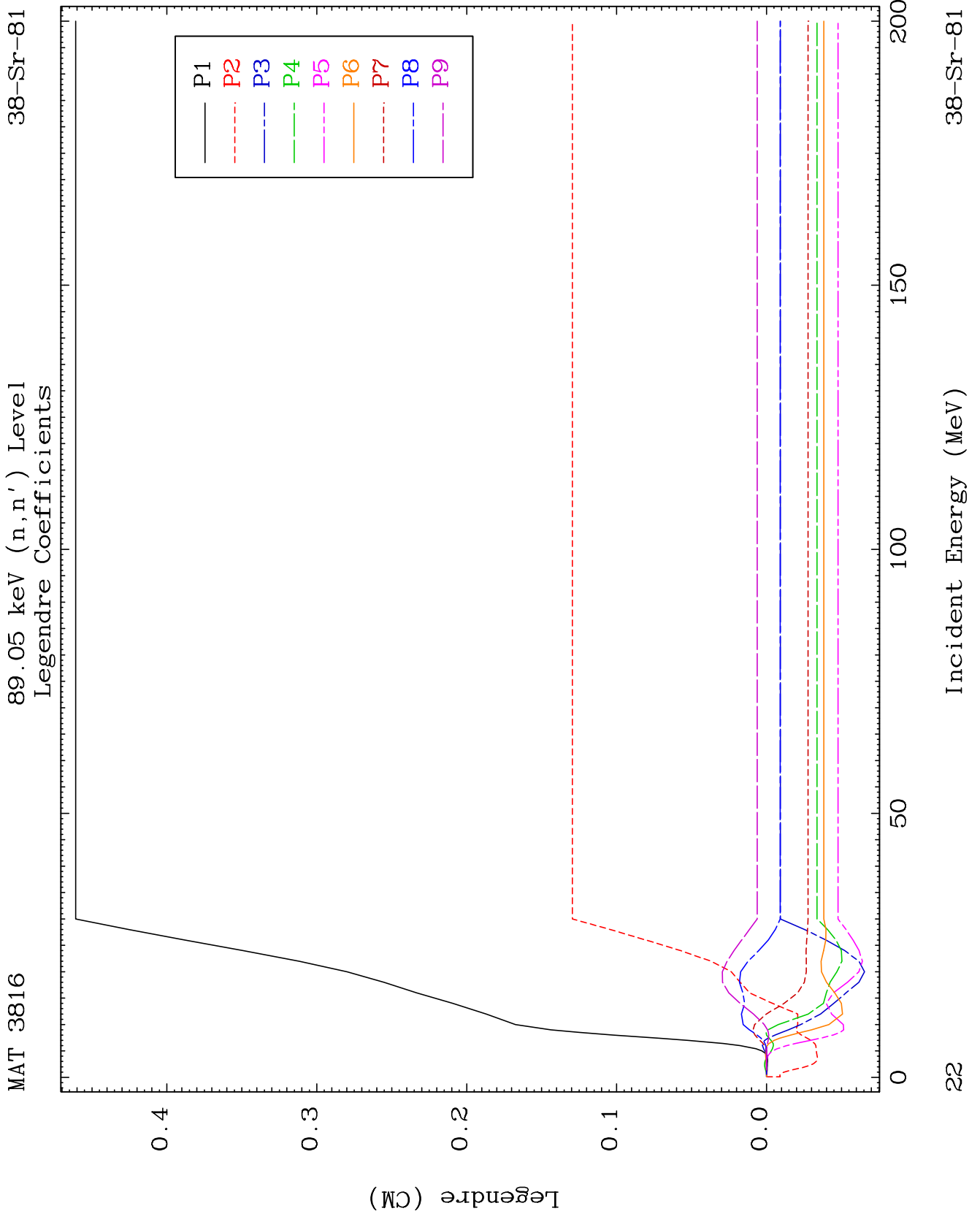
38-Sr-81

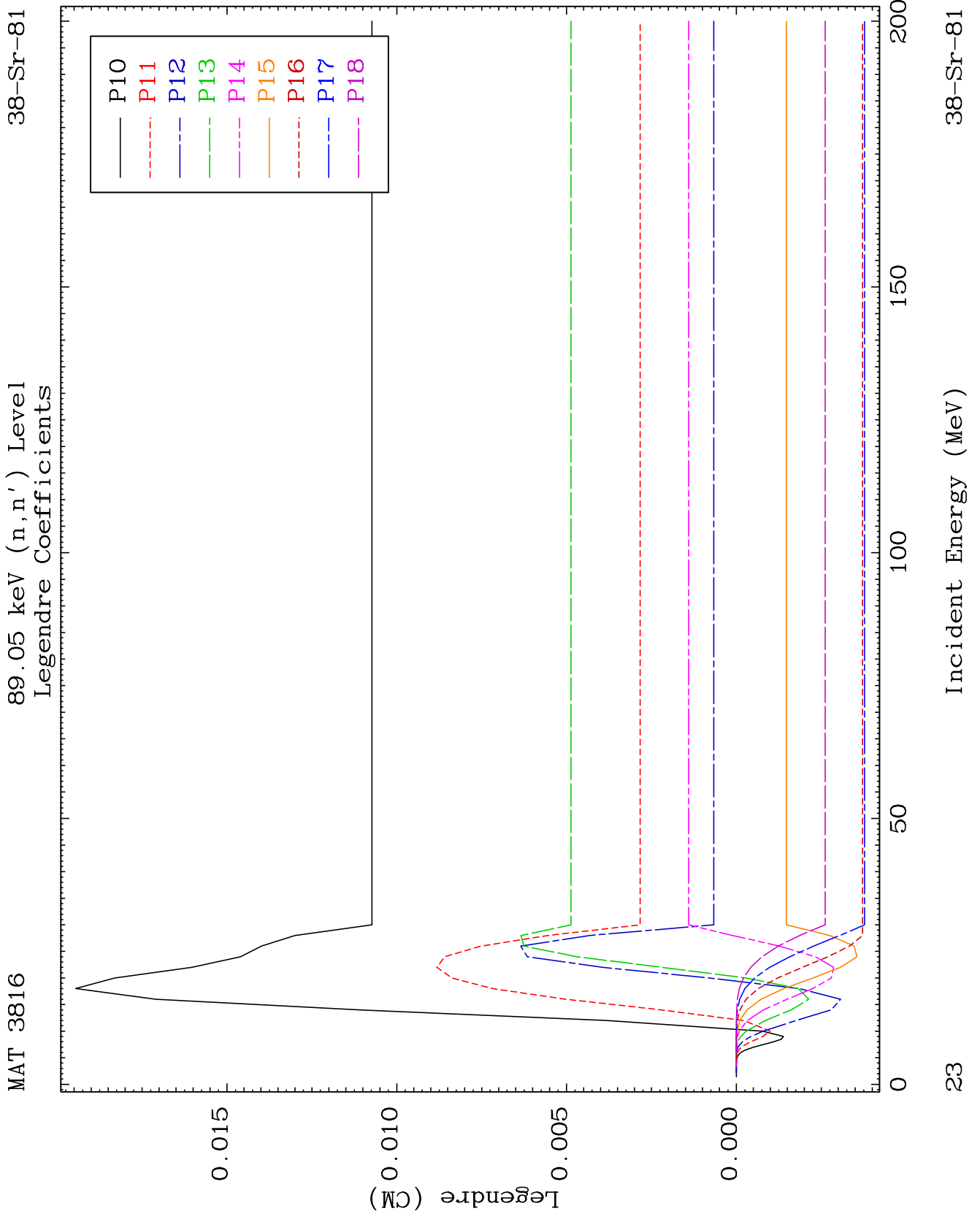
Incident Energy (MeV)

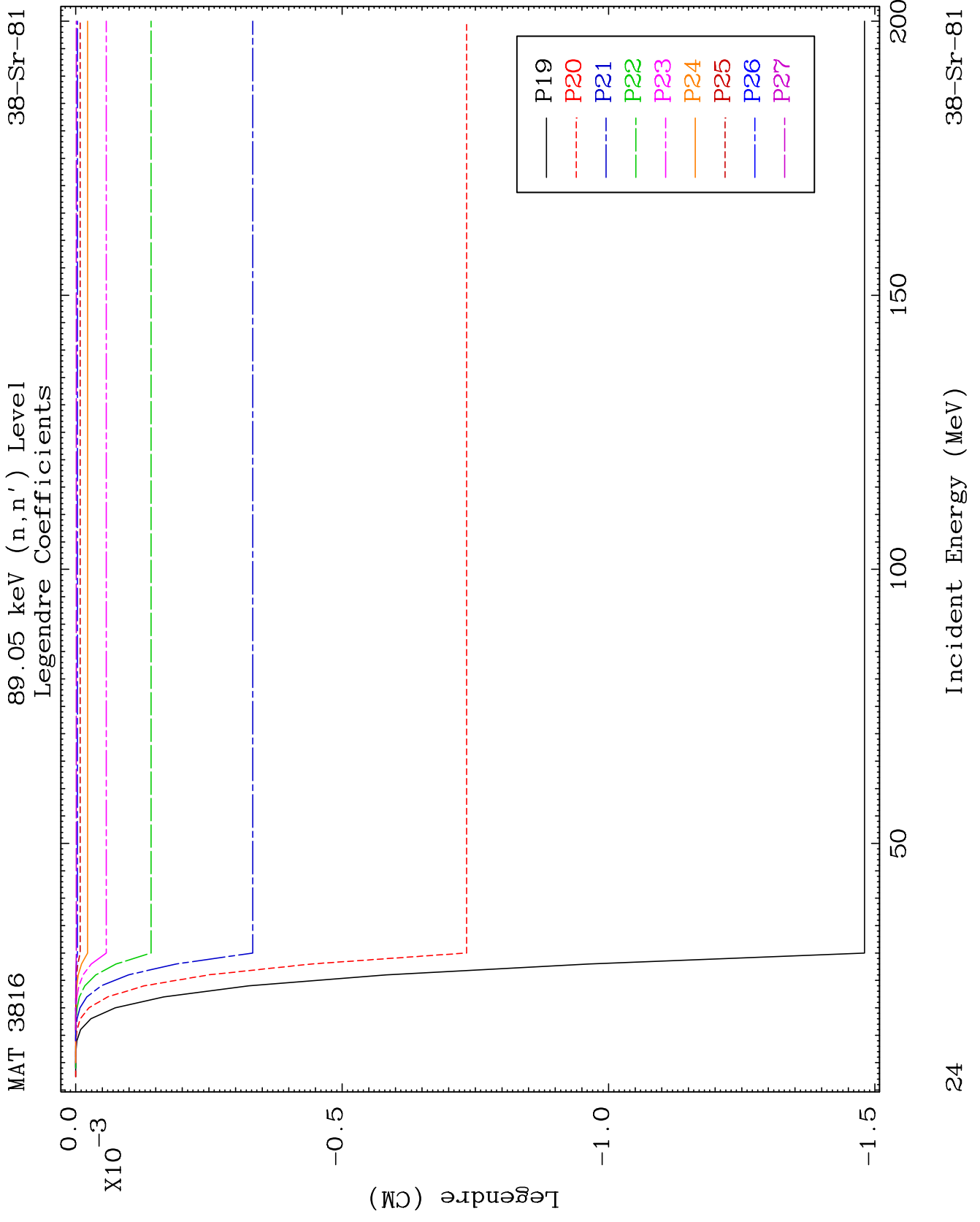
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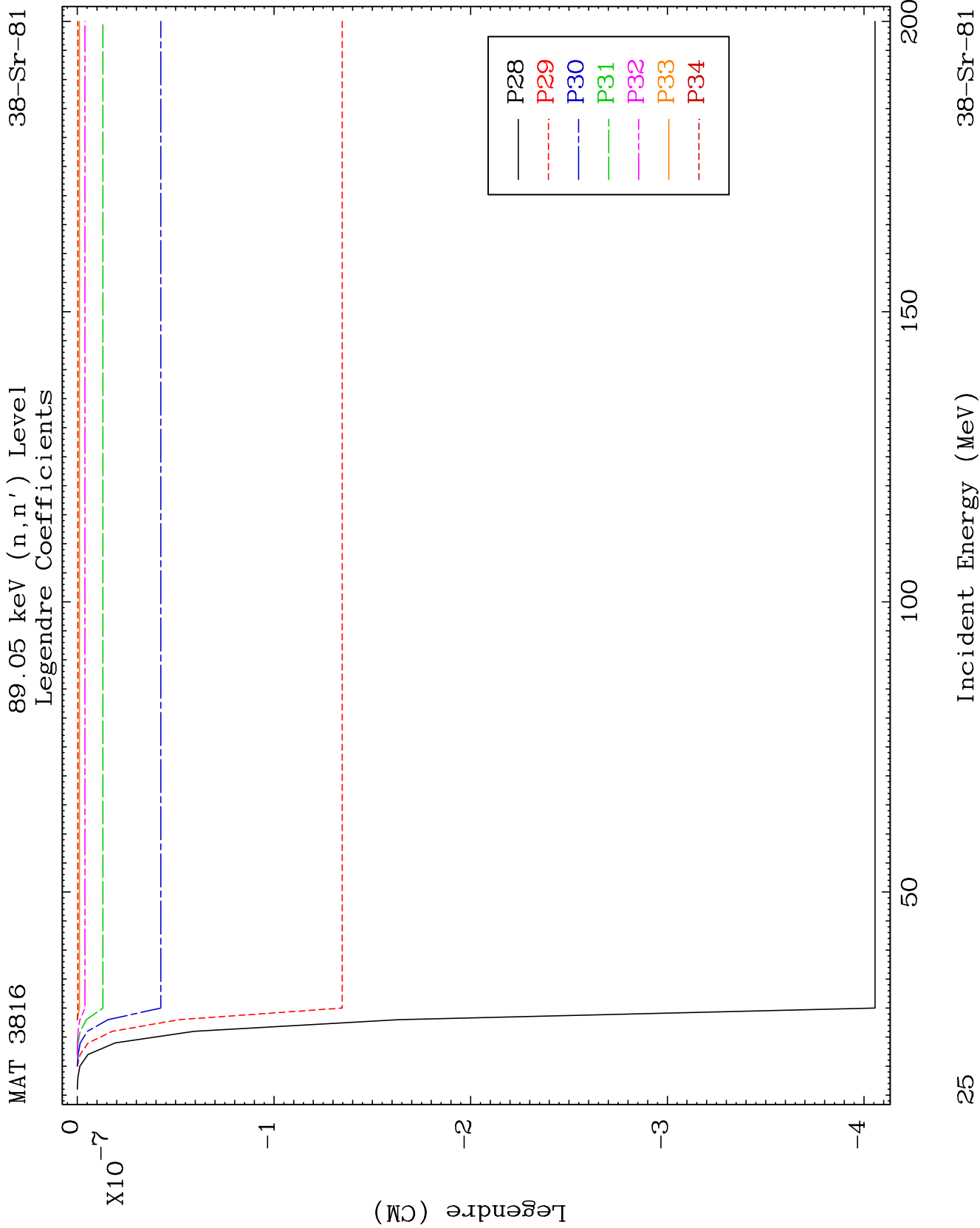


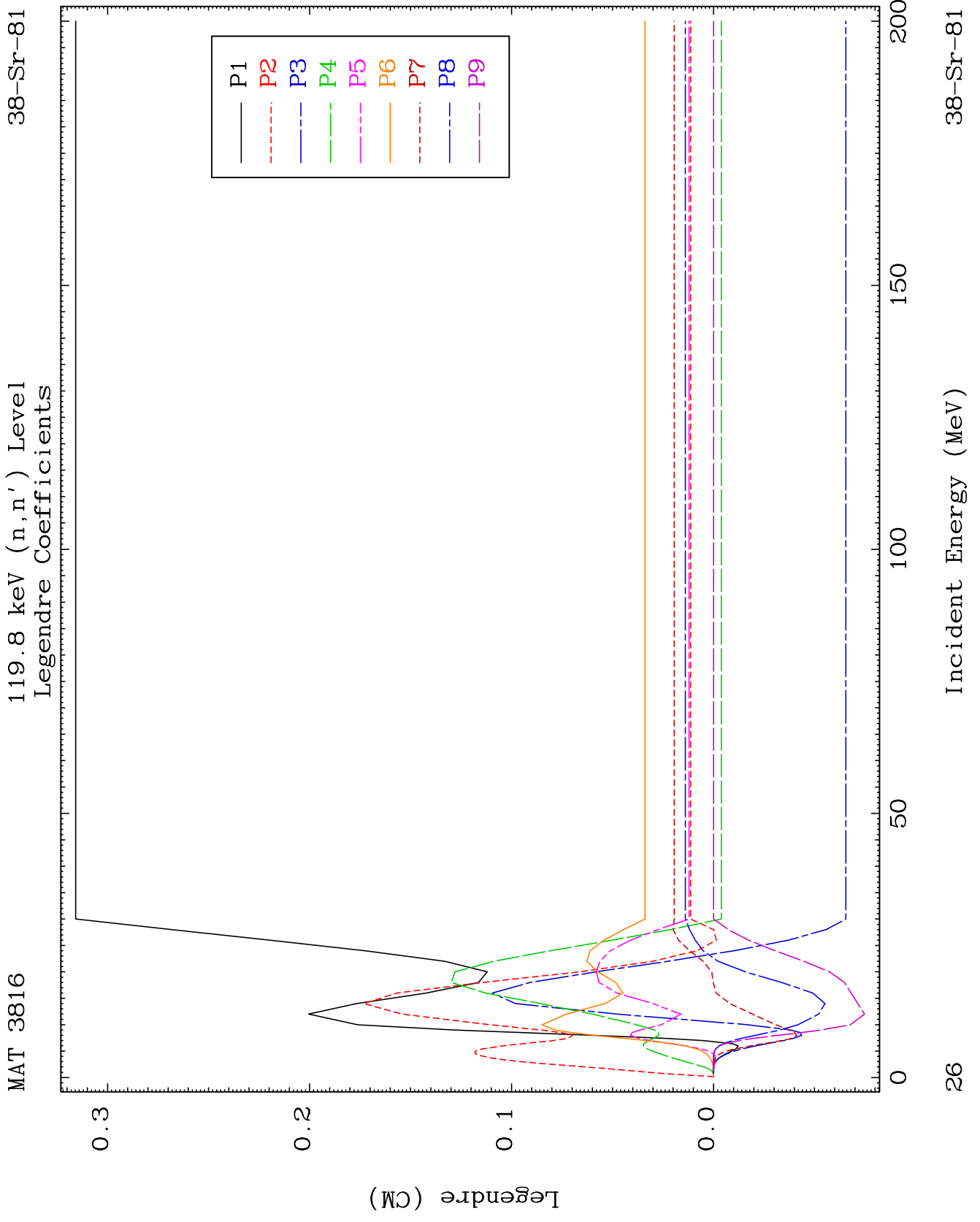








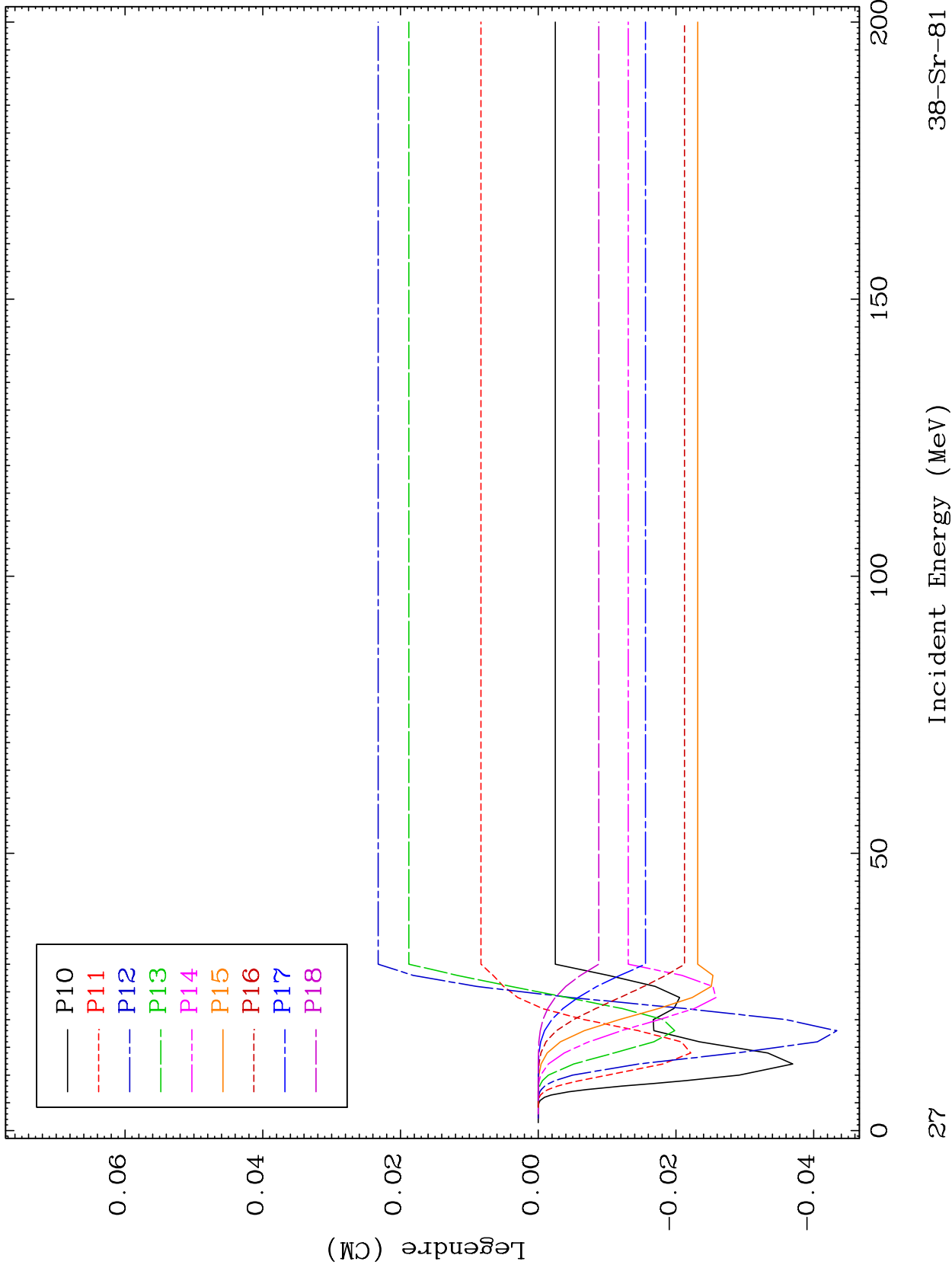




MAT 3816

119.8 keV (n,n') Level
Legendre Coefficients

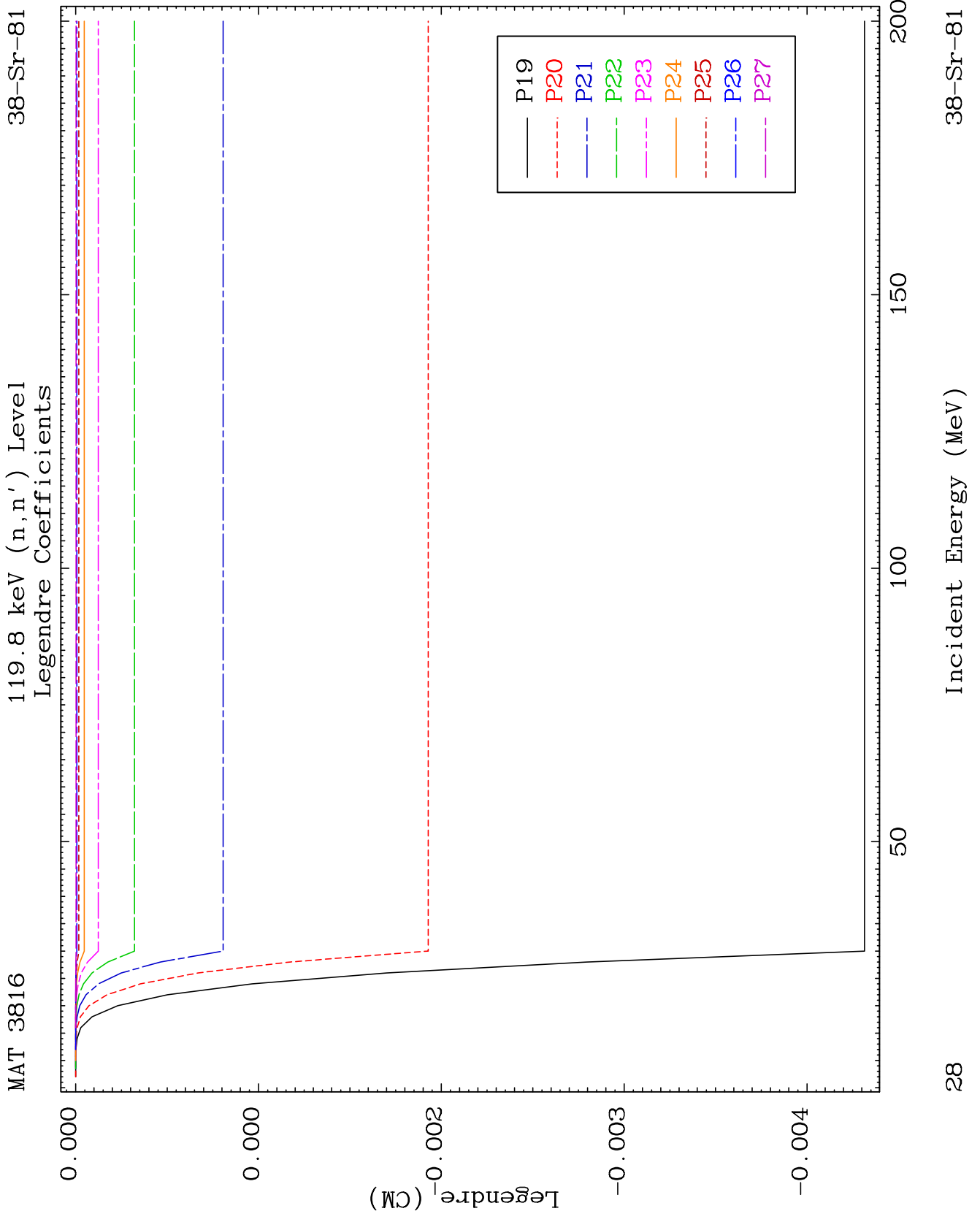
38-Sr-81

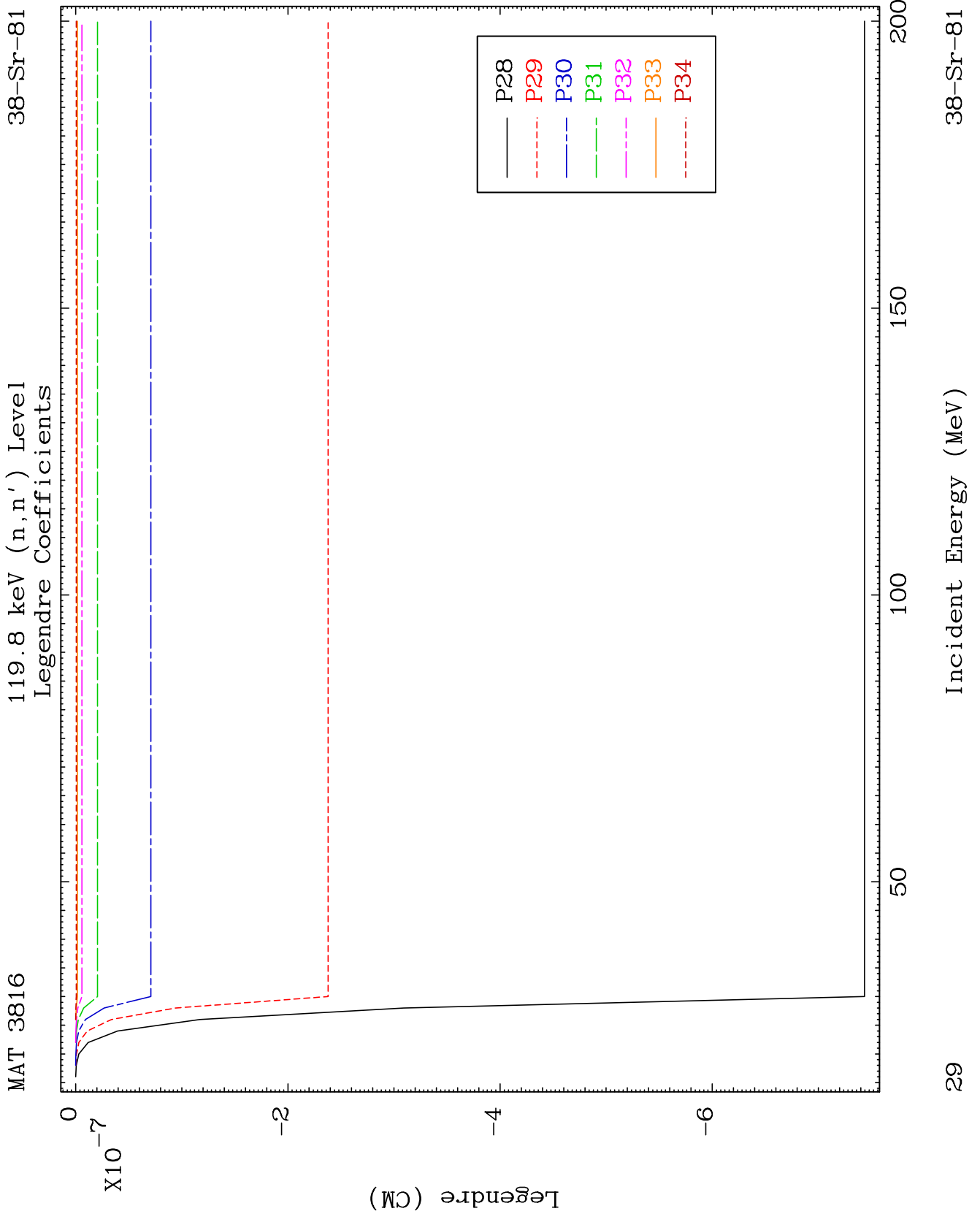


27

Incident Energy (MeV)

38-Sr-81

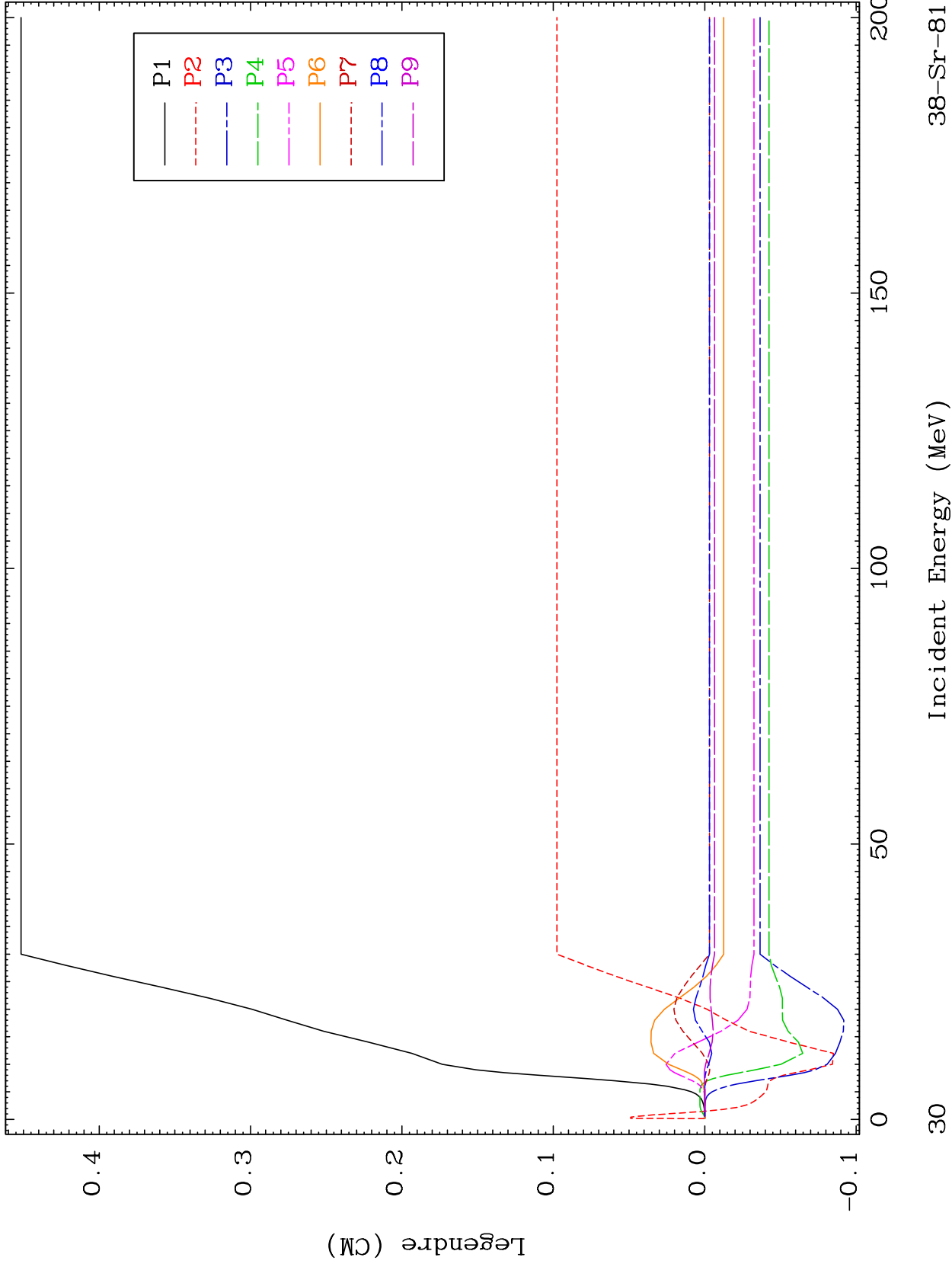




MAT 3816

132.2 keV (n,n') Level
Legendre Coefficients

38-Sr-81

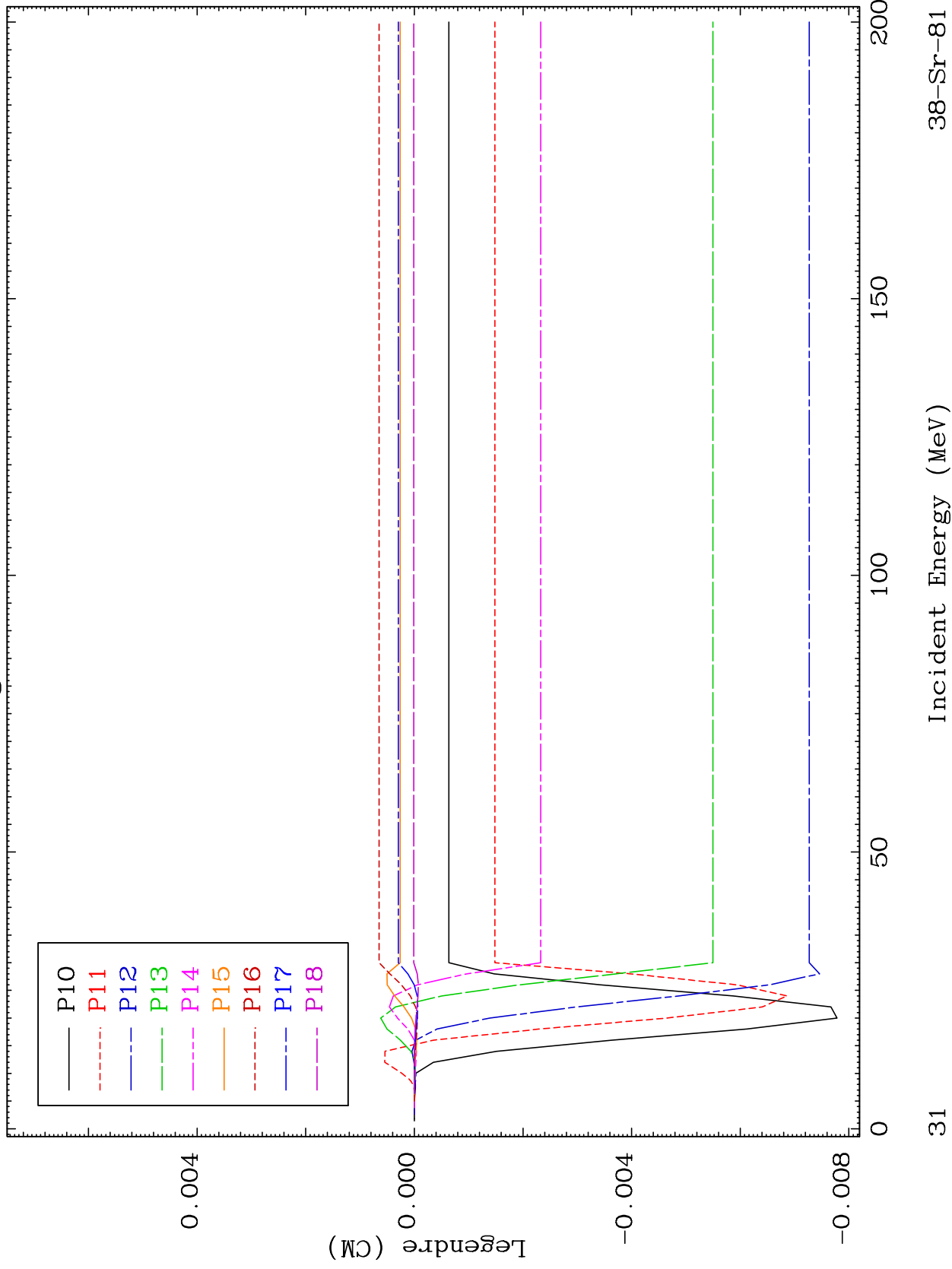


38-Sr-81

MAT 3816

132.2 keV (n,n') Level
Legendre Coefficients

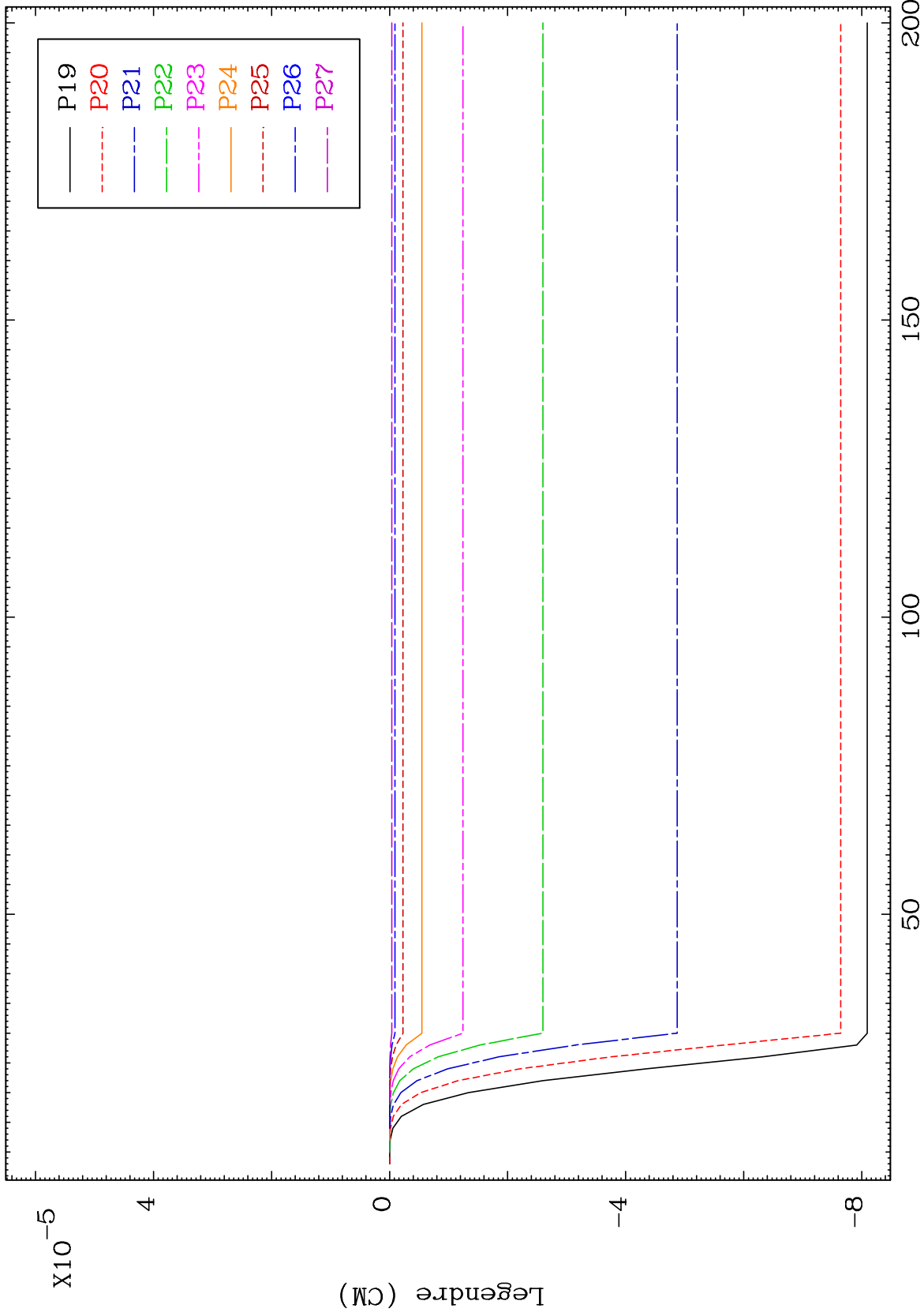
38-Sr-81



MAT 3816

132.2 keV (n,n') Level
Legendre Coefficients

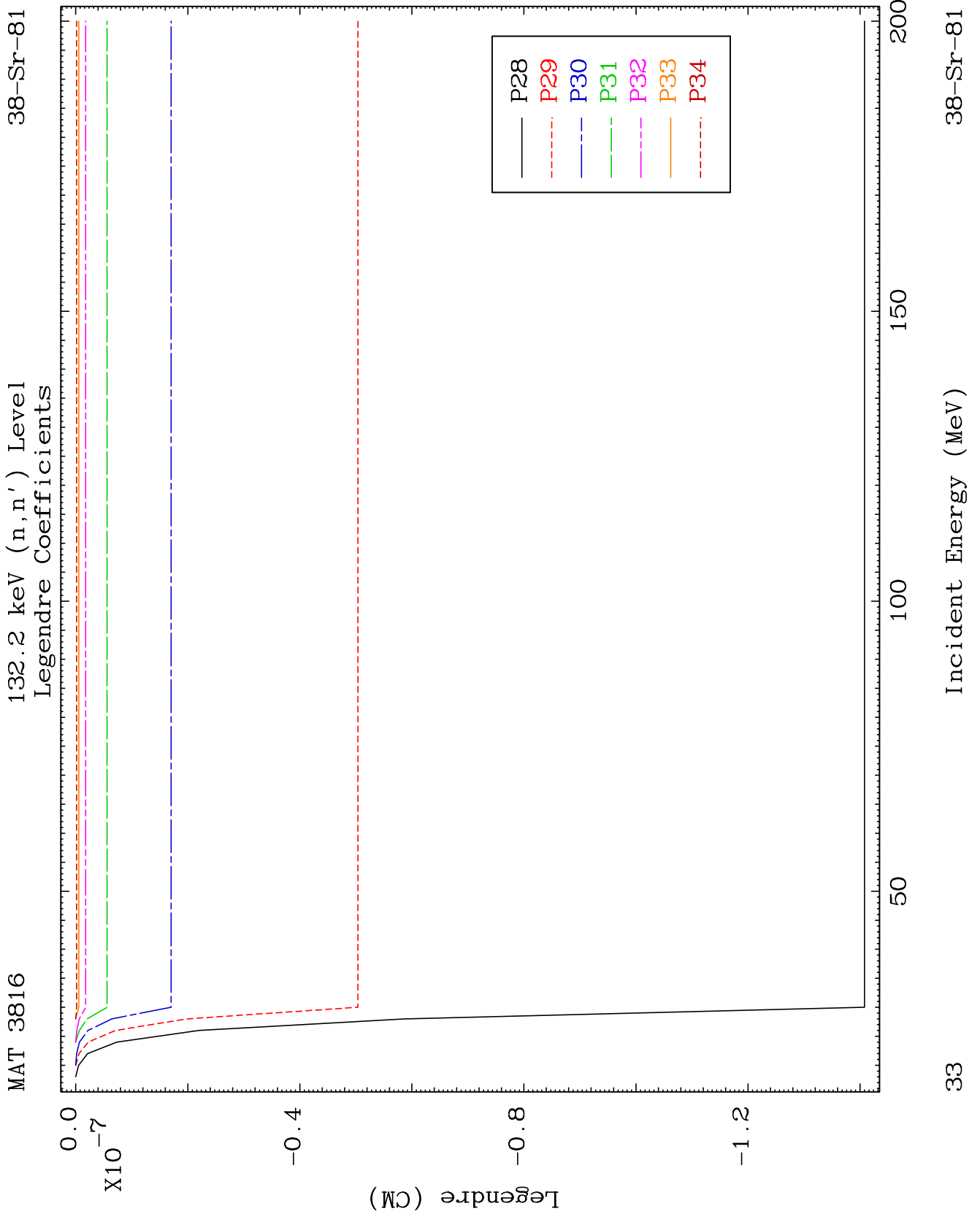
38-Sr-81

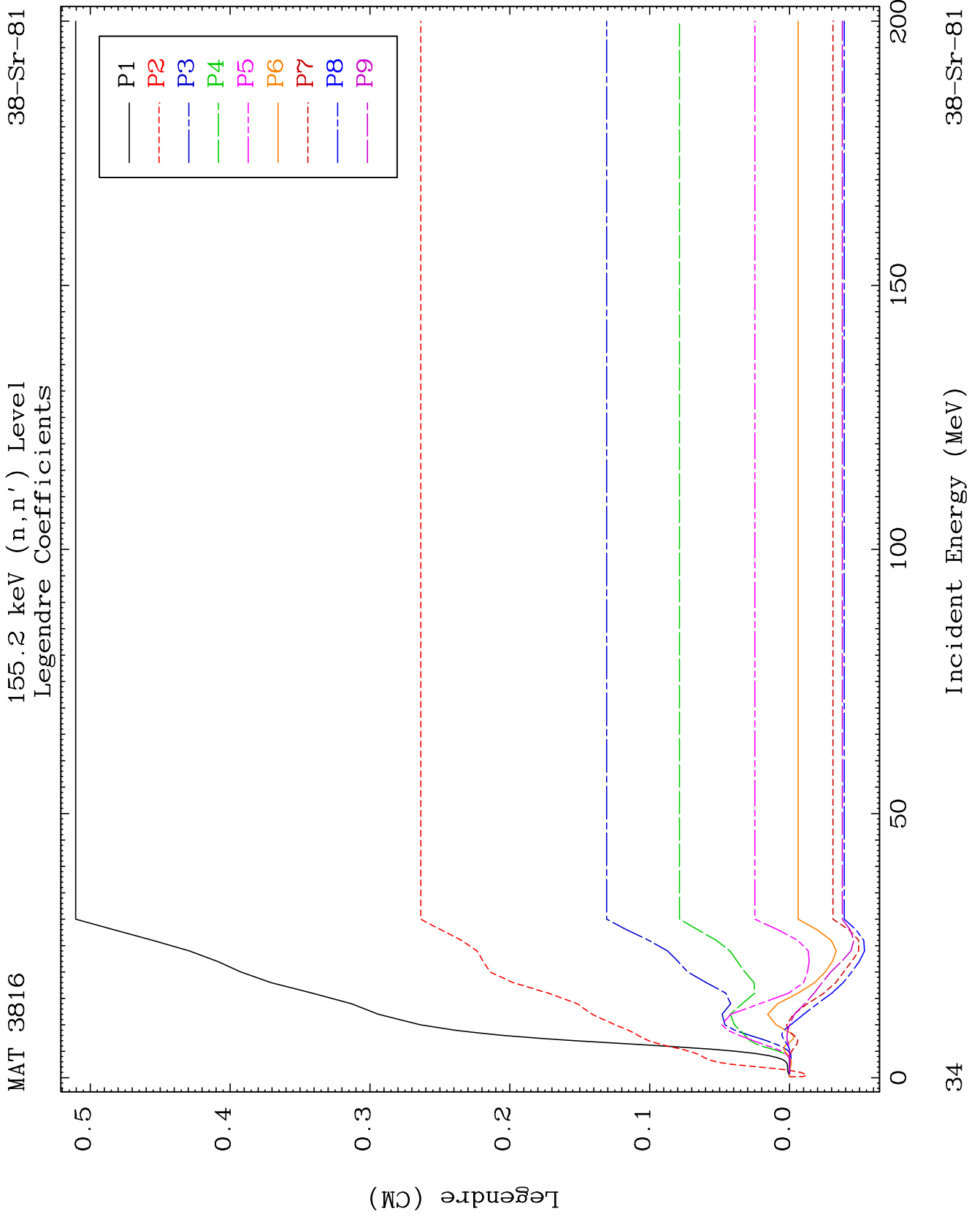


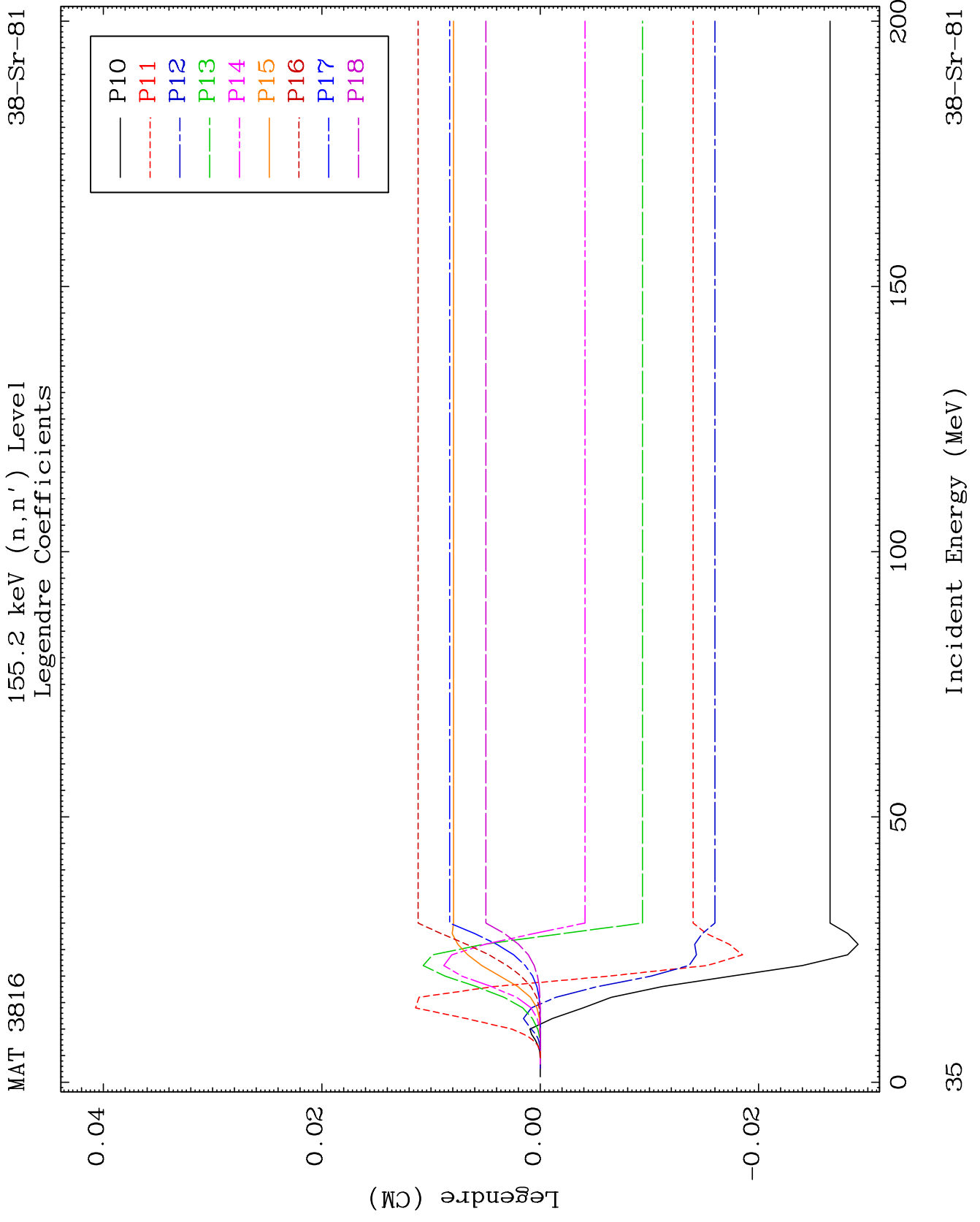
32

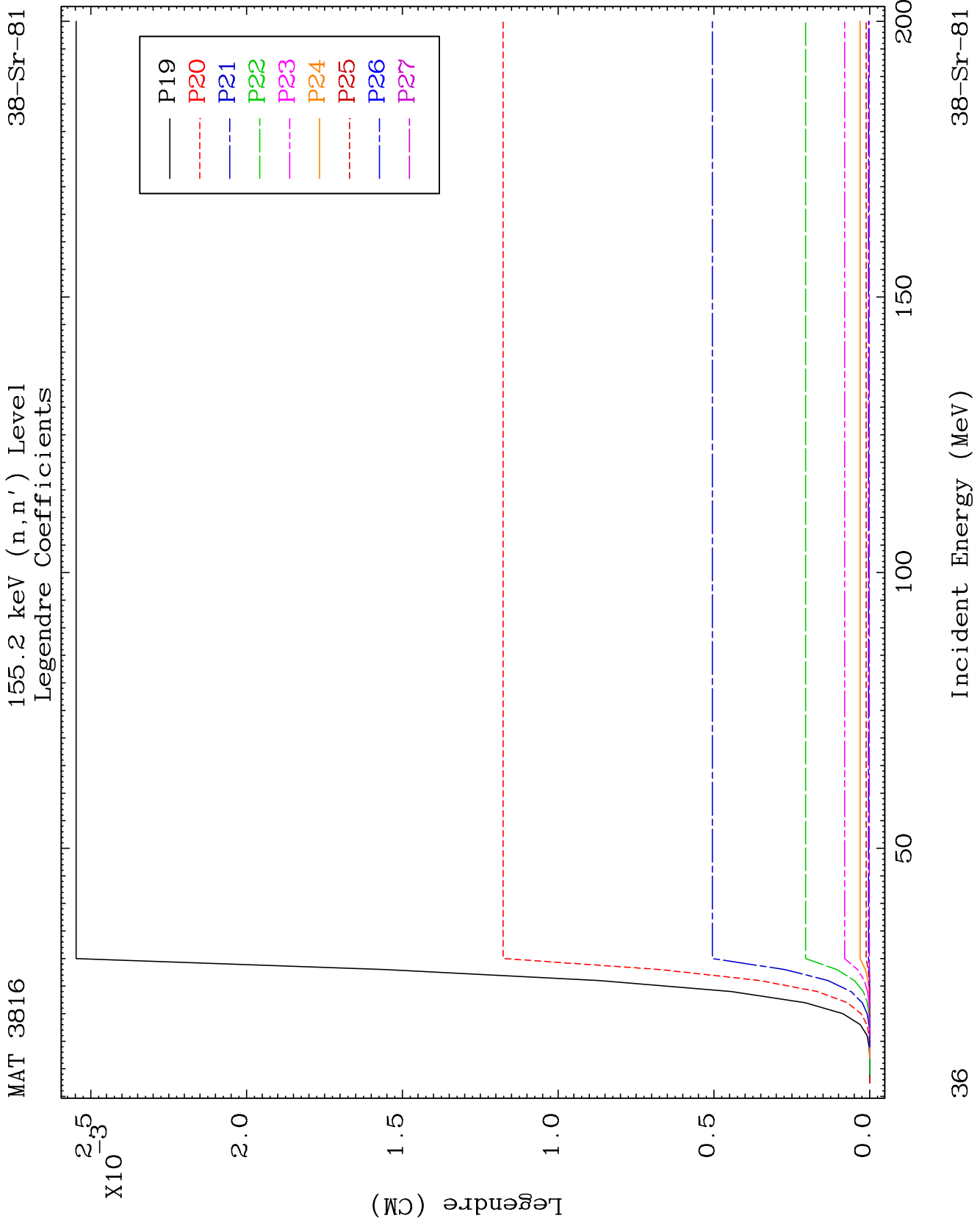
Incident Energy (MeV)

38-Sr-81





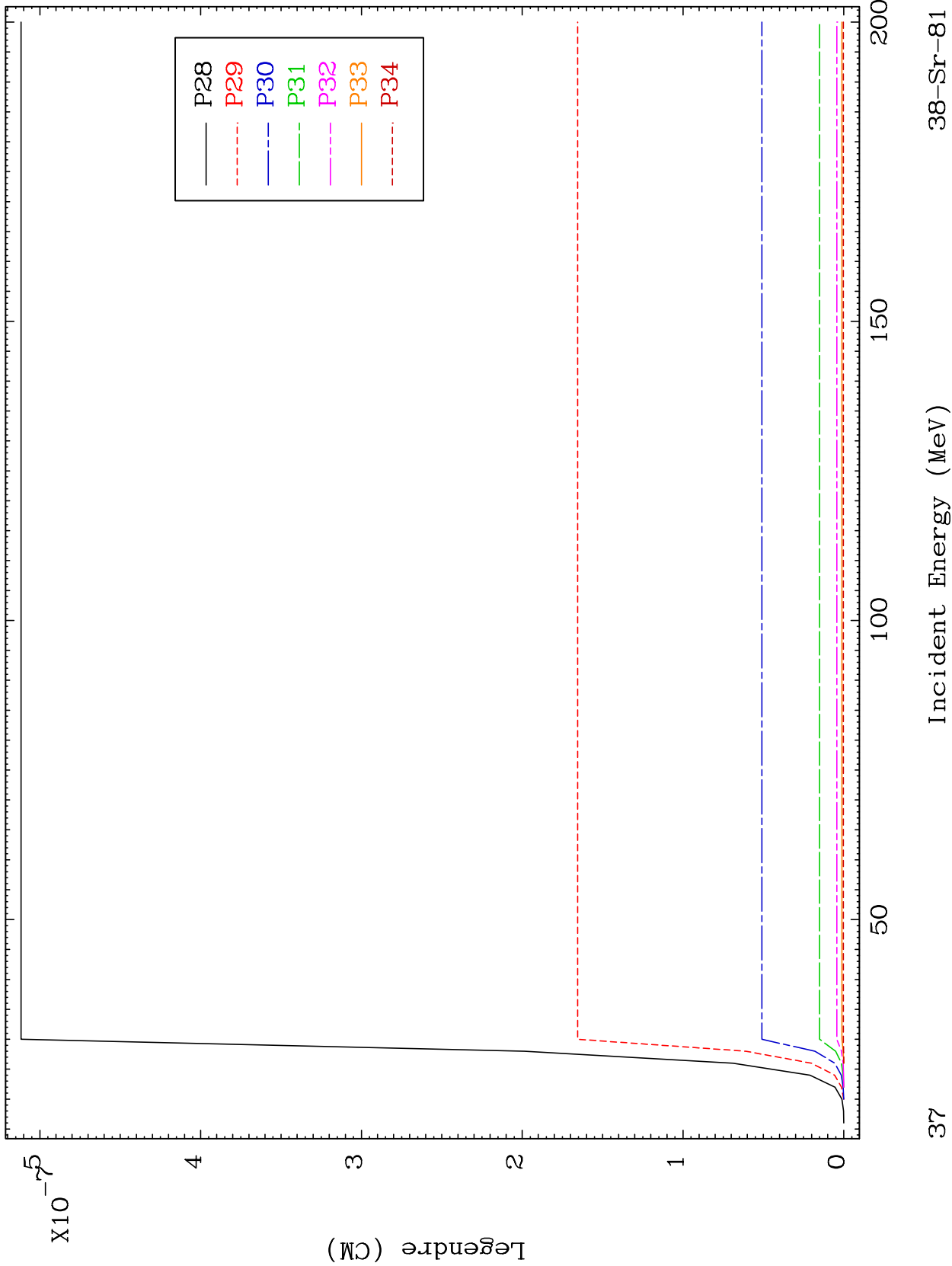




MAT 3816

155.2 keV (n,n') Level
Legendre Coefficients

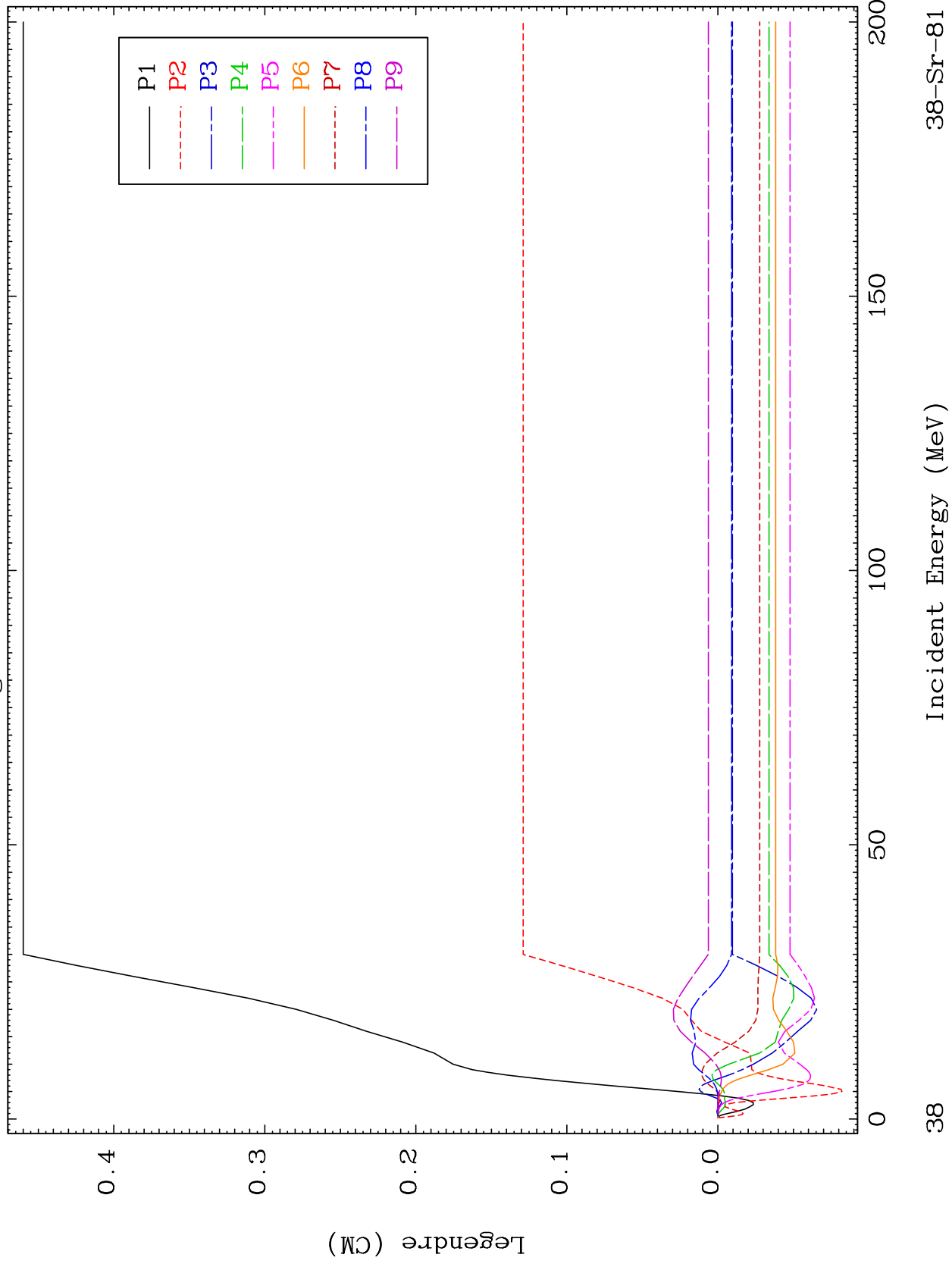
38-Sr-81



MAT 3816

203.4 keV (n,n') Level
Legendre Coefficients

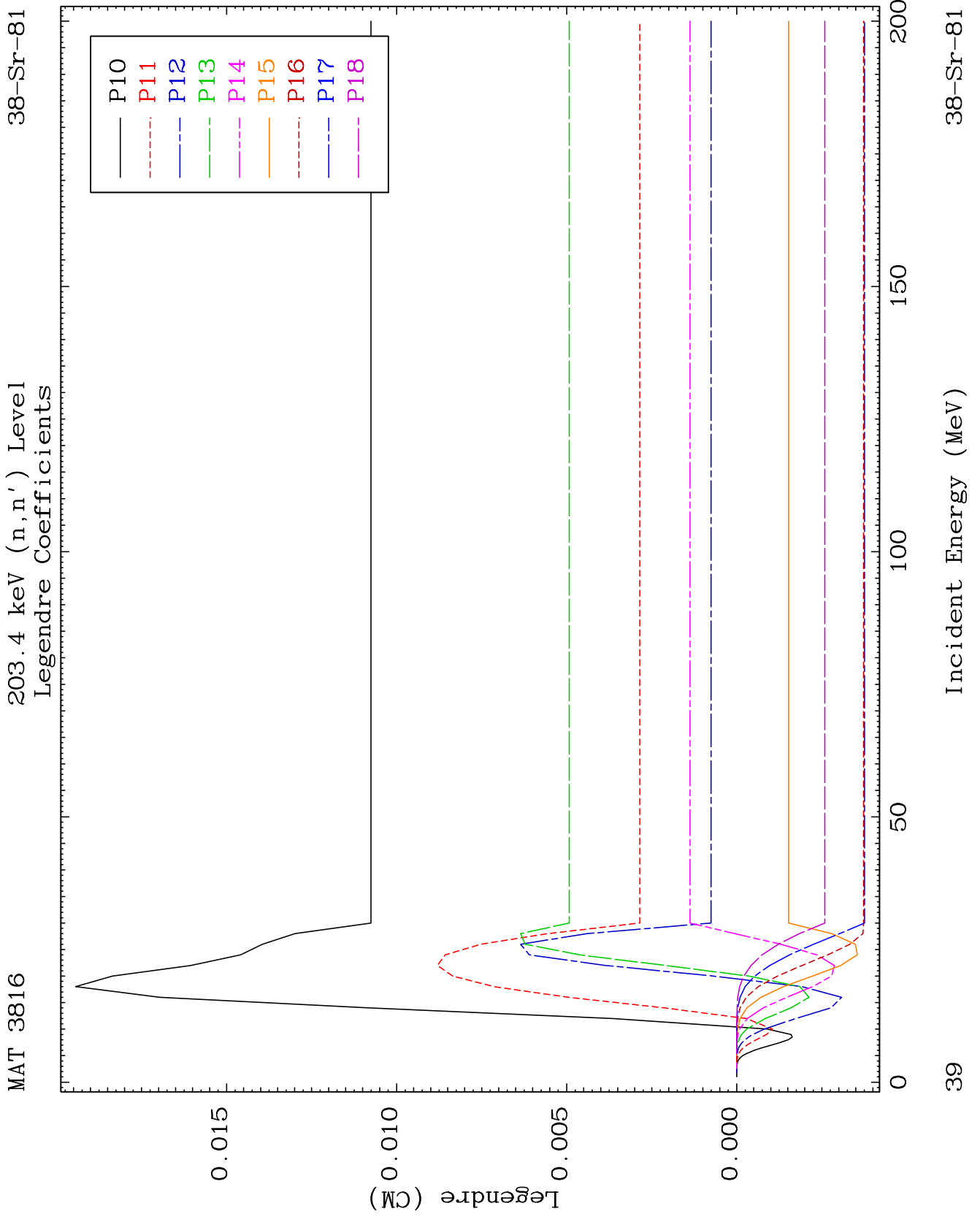
38-Sr-81

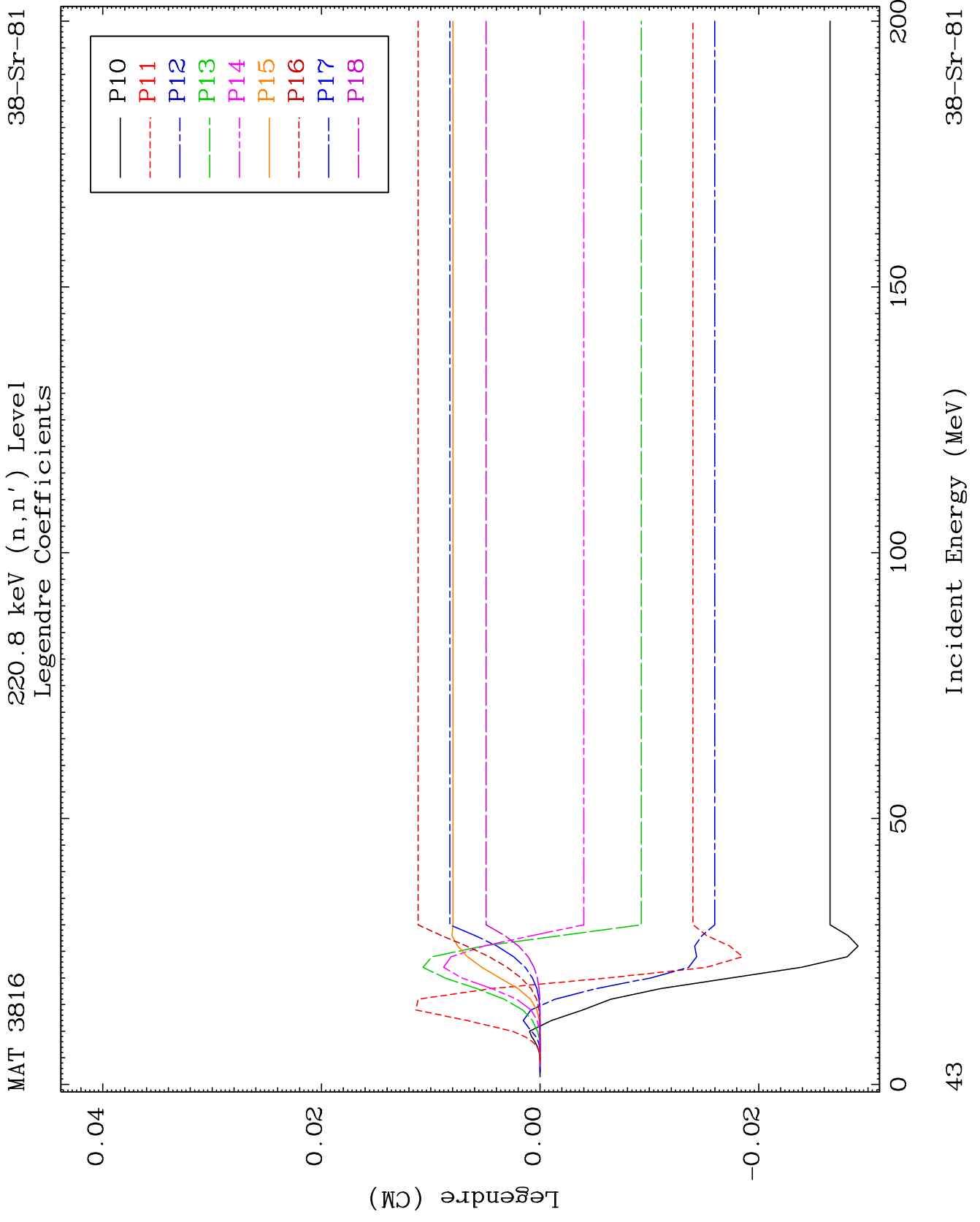


38-Sr-81

Incident Energy (MeV)

38

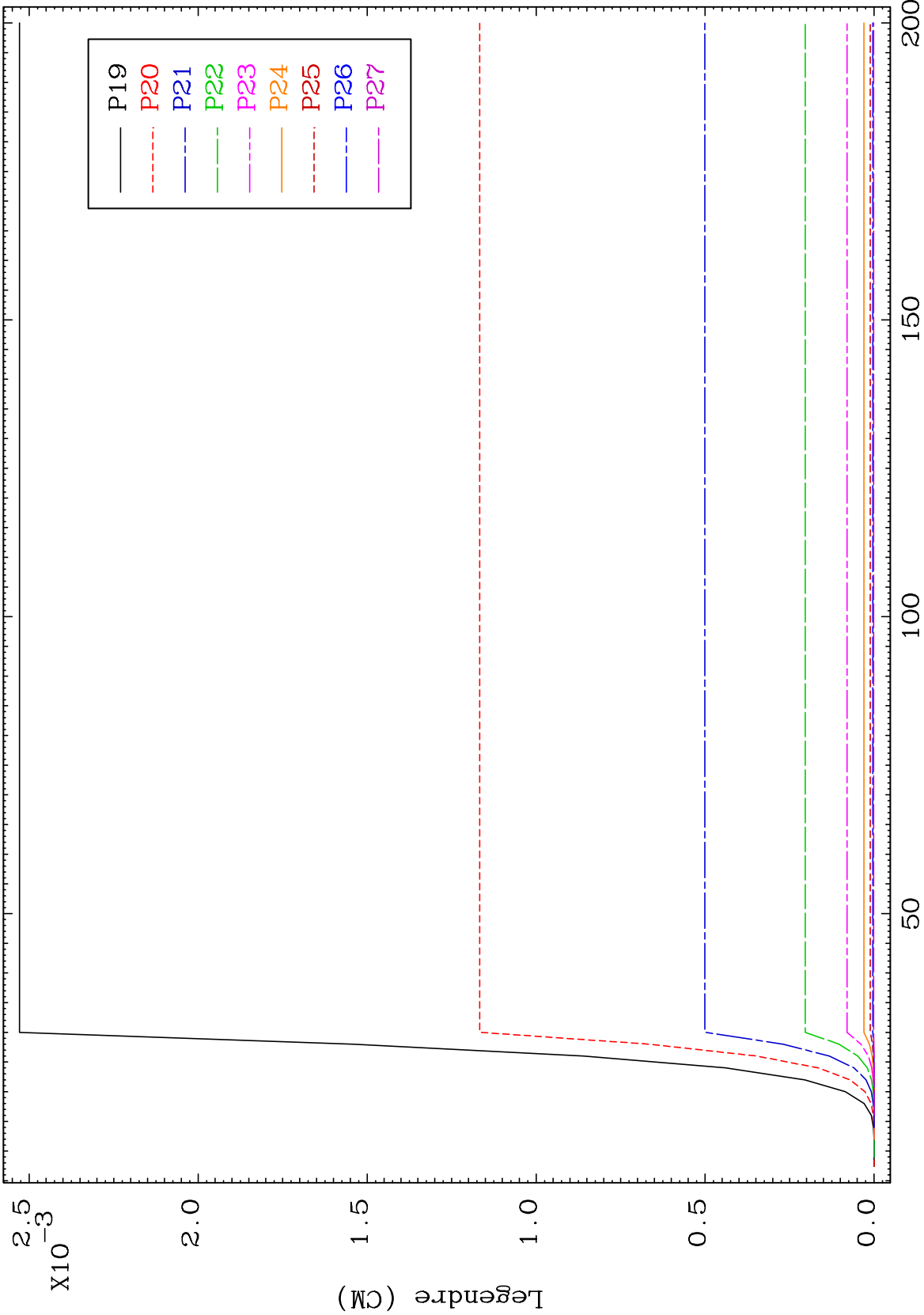




MAT 3816

220.8 keV (n,n') Level
Legendre Coefficients

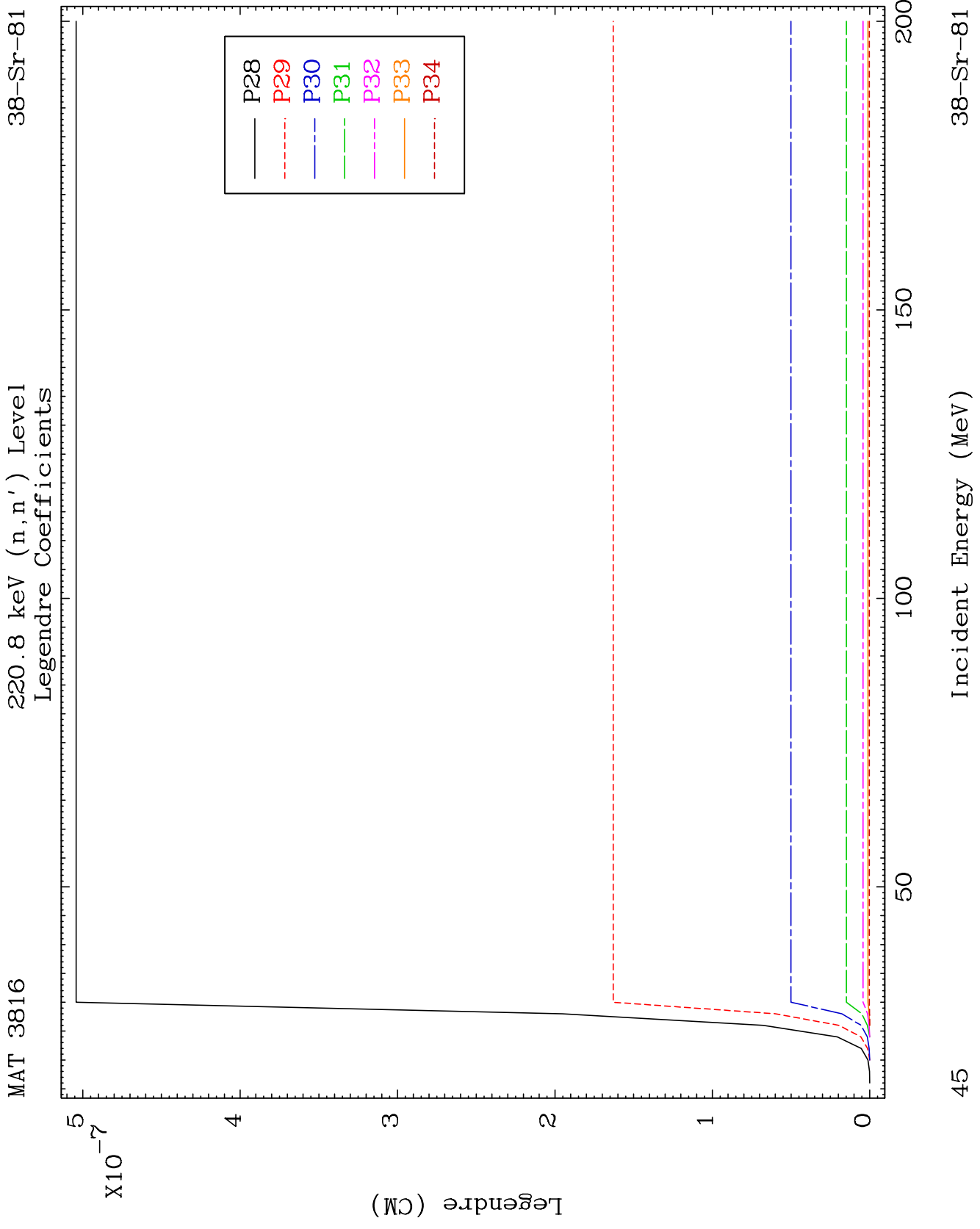
38-Sr-81



44

Incident Energy (MeV)

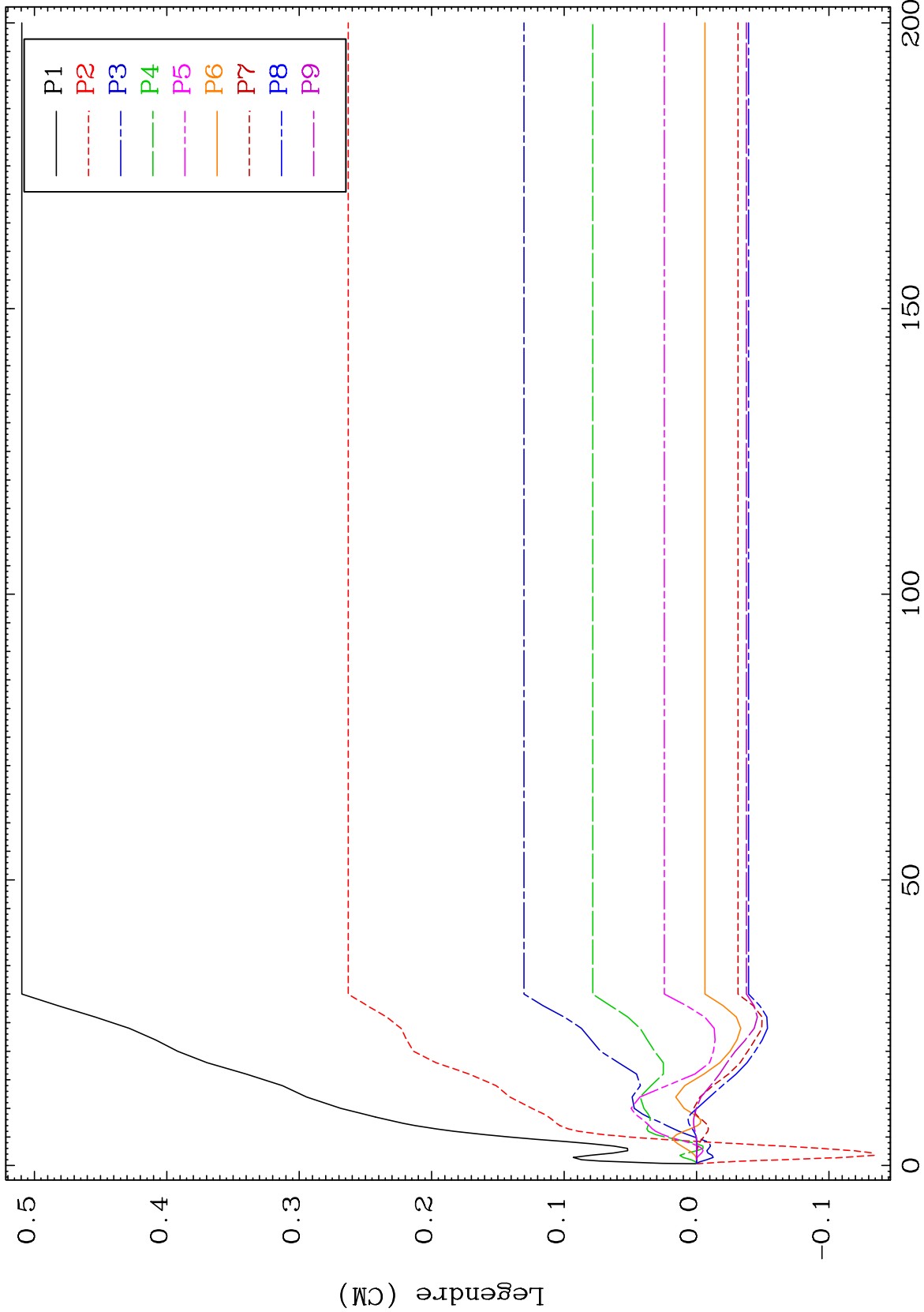
38-Sr-81



MAT 3816

294.9 keV (n,n') Level
Legendre Coefficients

38-Sr-81



38-Sr-81

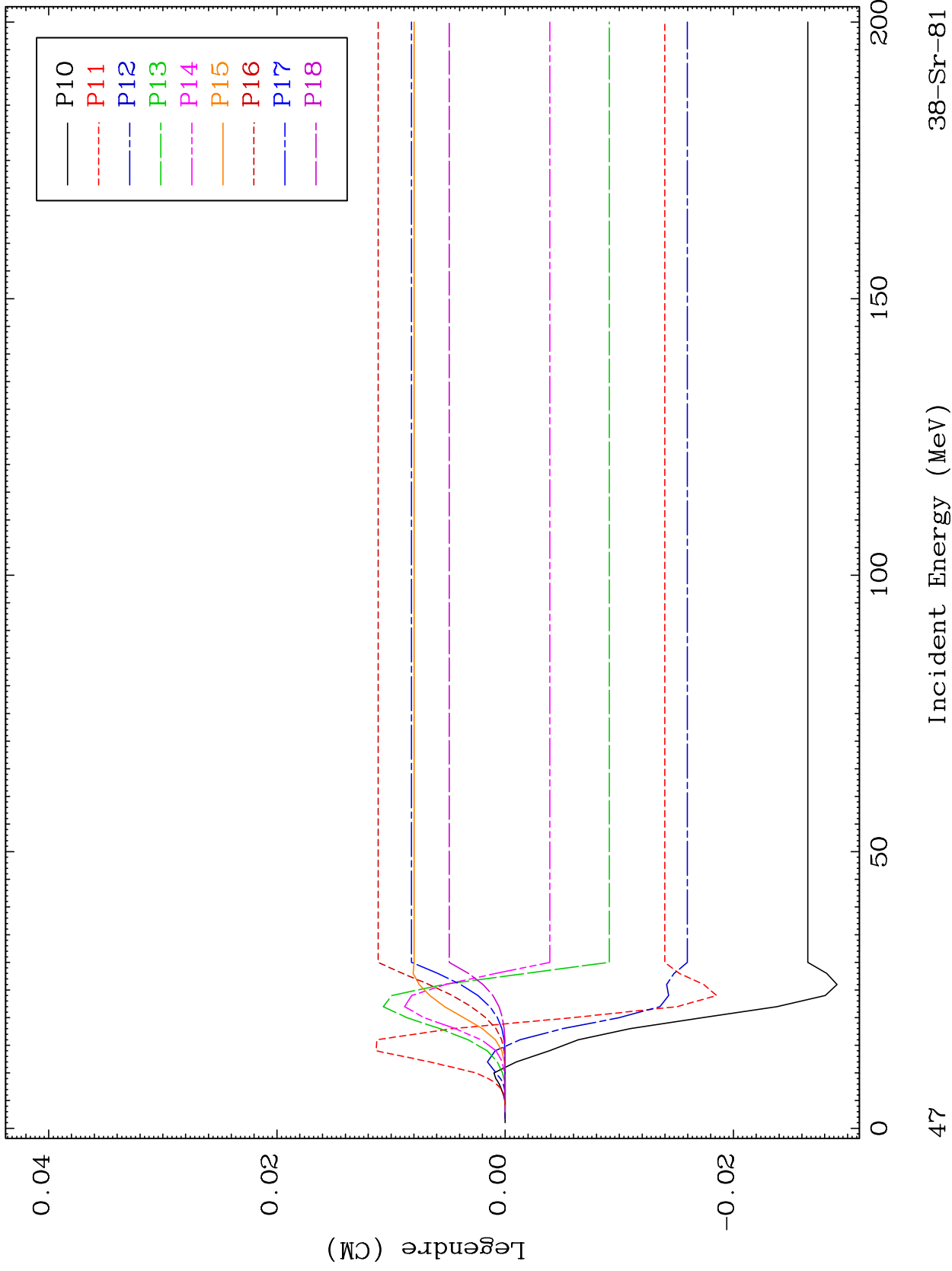
Incident Energy (MeV)

46

MAT 3816

294.9 keV (n,n') Level
Legendre Coefficients

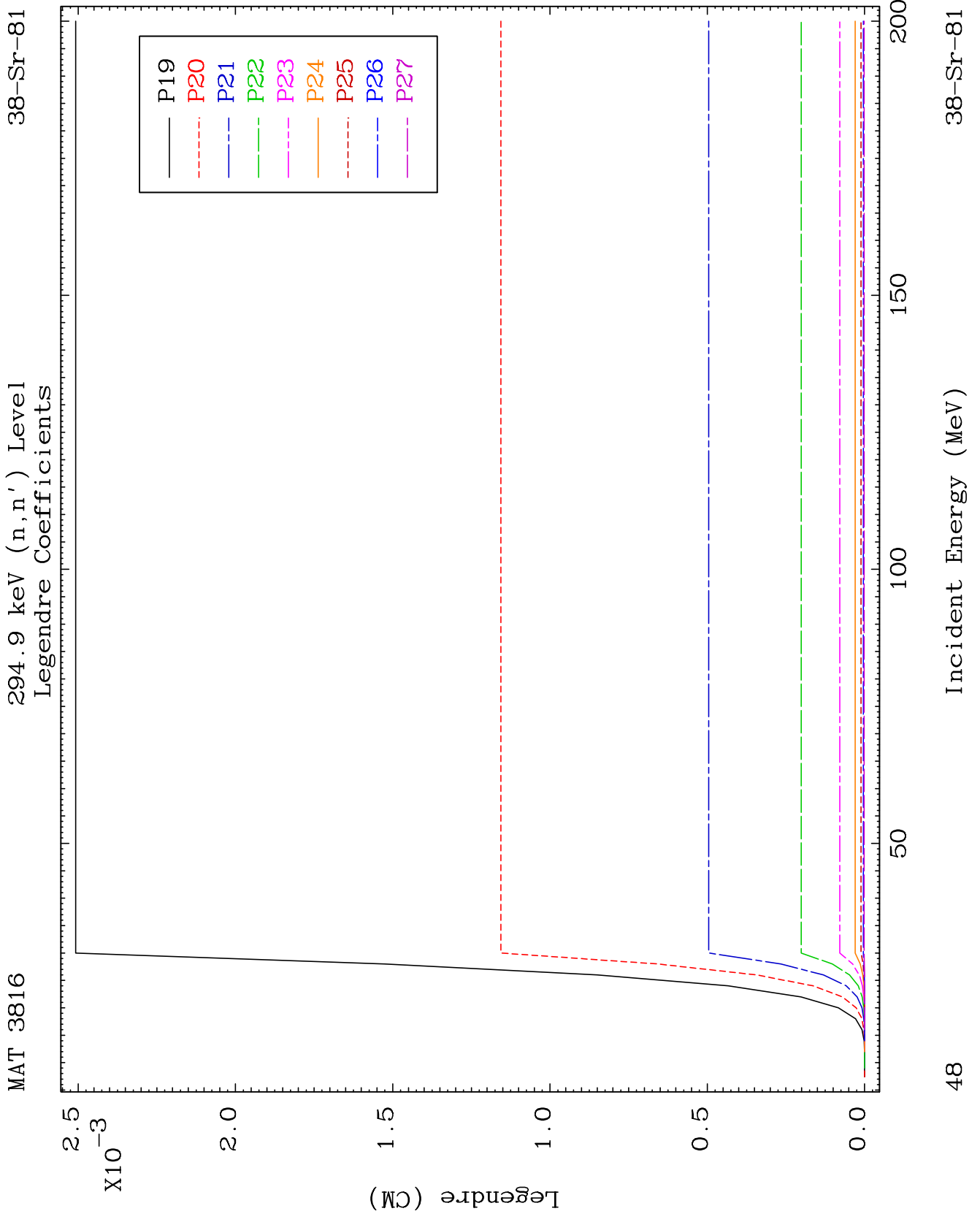
38-Sr-81

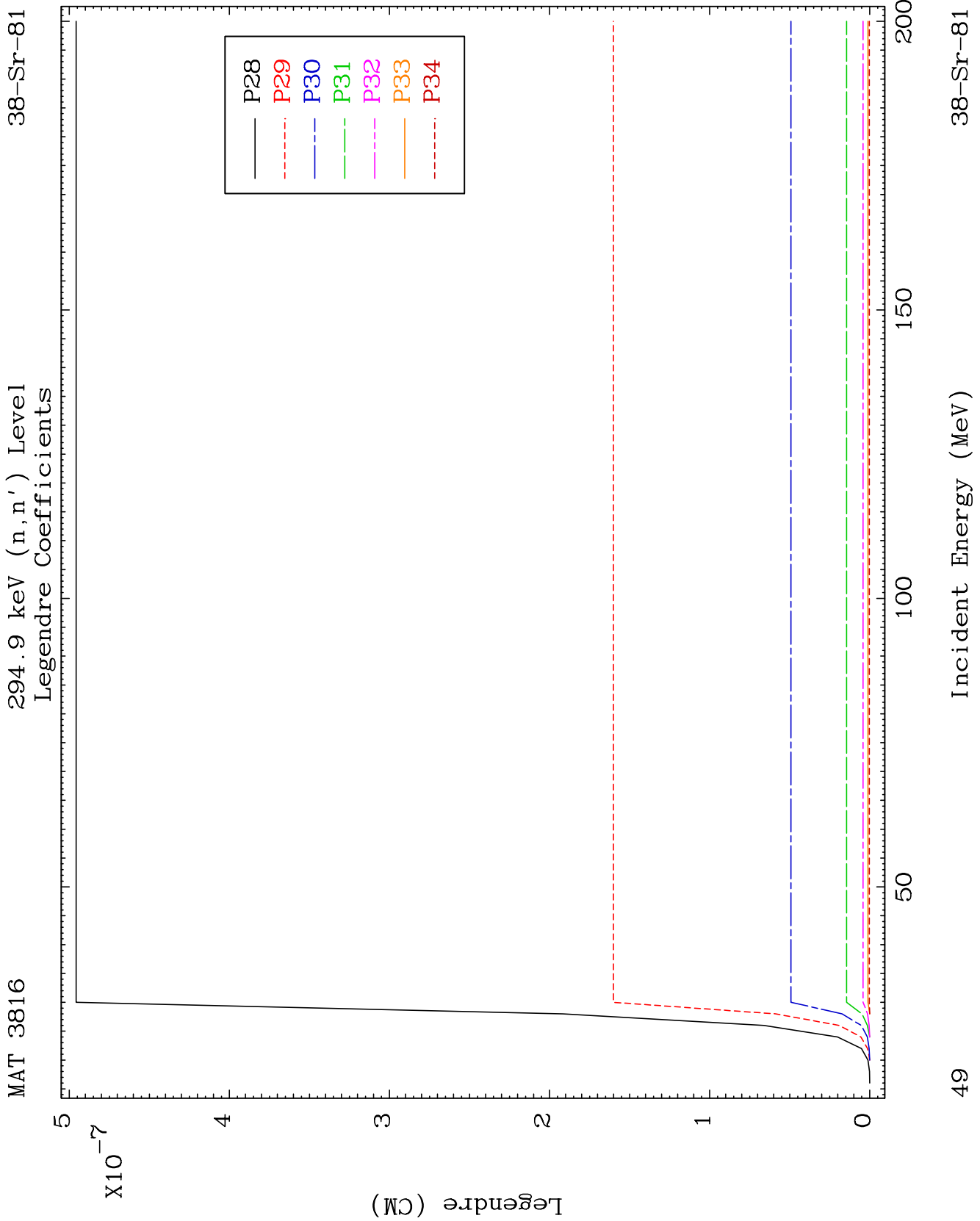


47

Incident Energy (MeV)

38-Sr-81

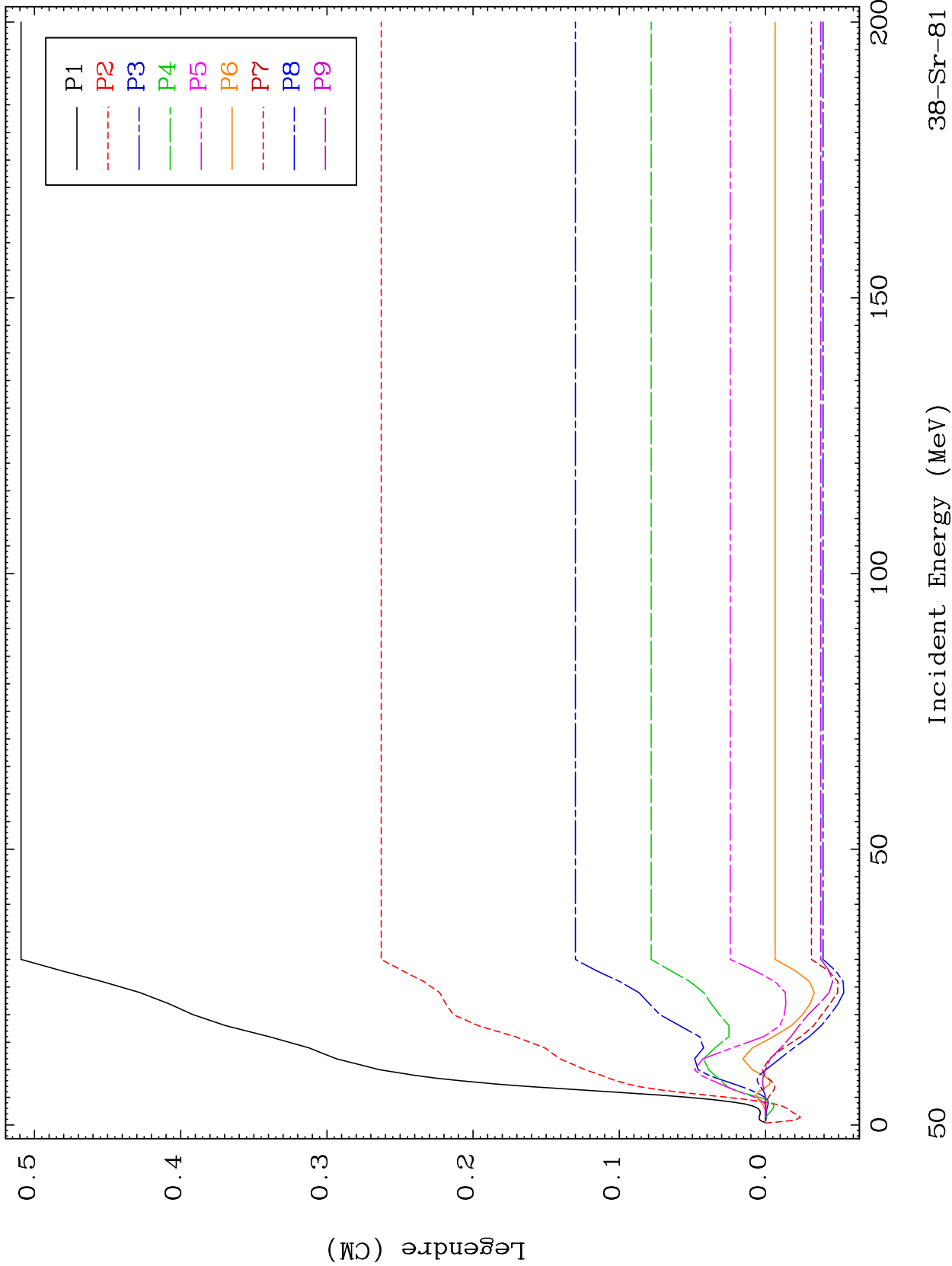




MAT 3816

336.2 keV (n,n') Level
Legendre Coefficients

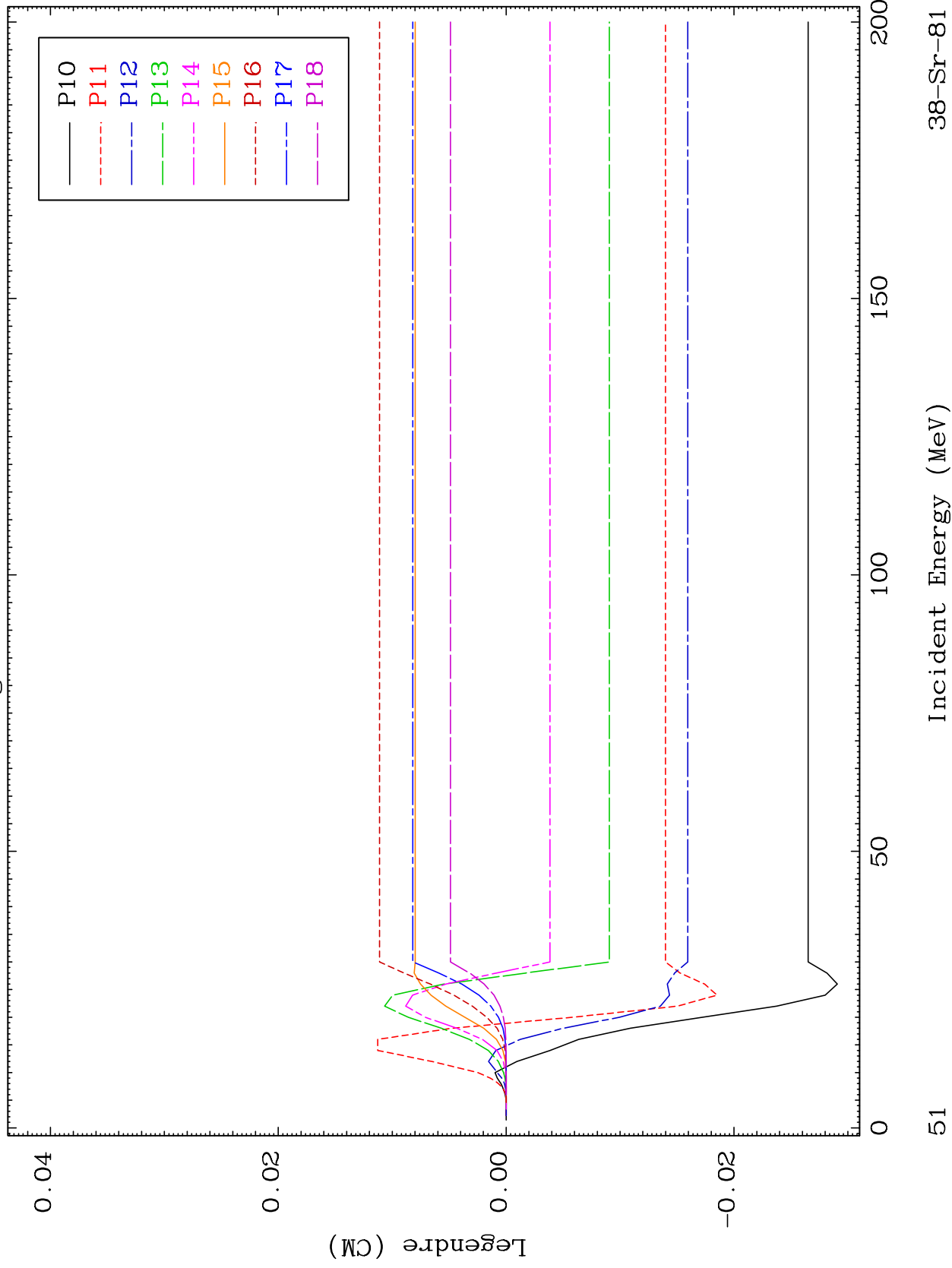
38-Sr-81



MAT 3816

336.2 keV (n,n') Level
Legendre Coefficients

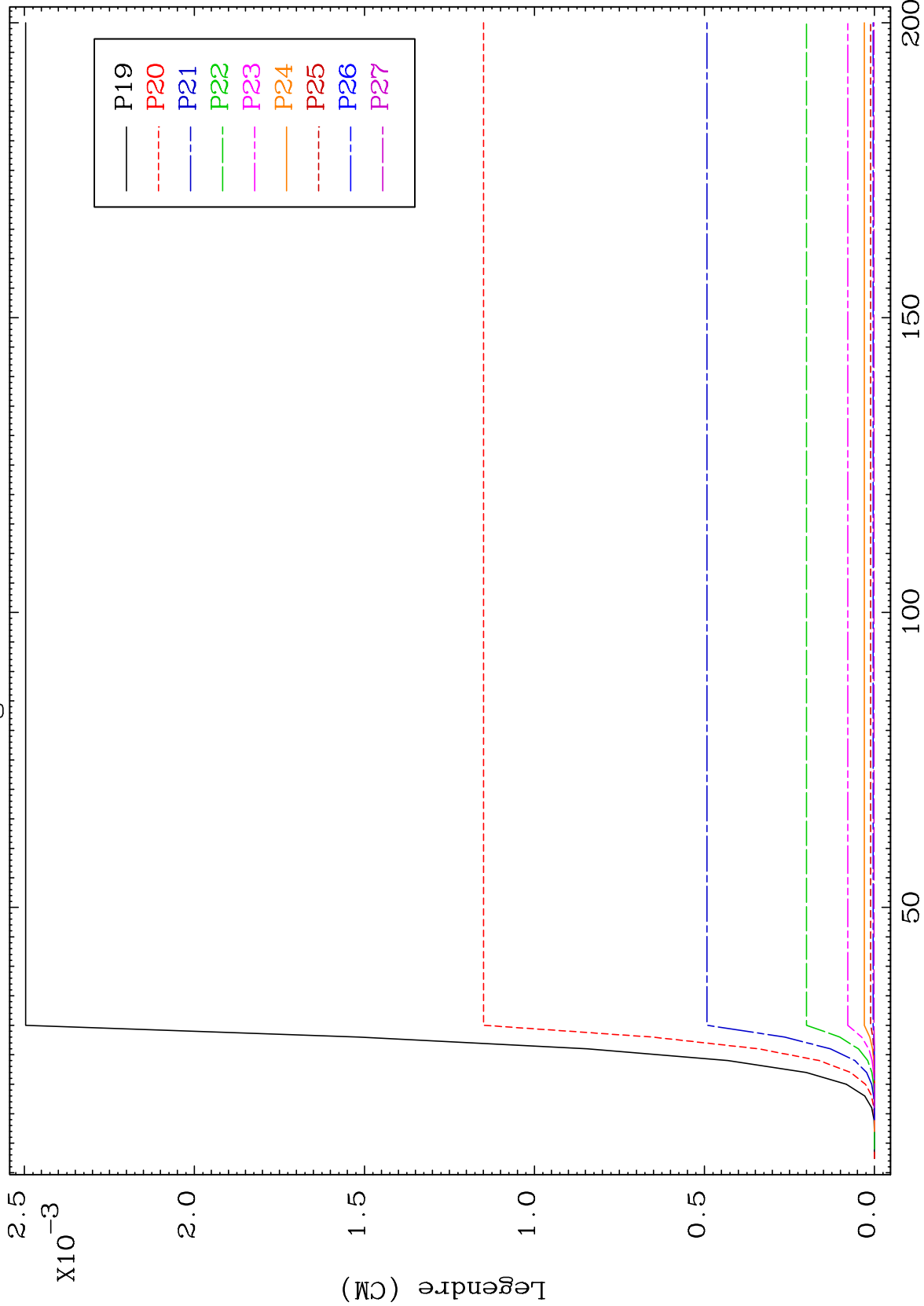
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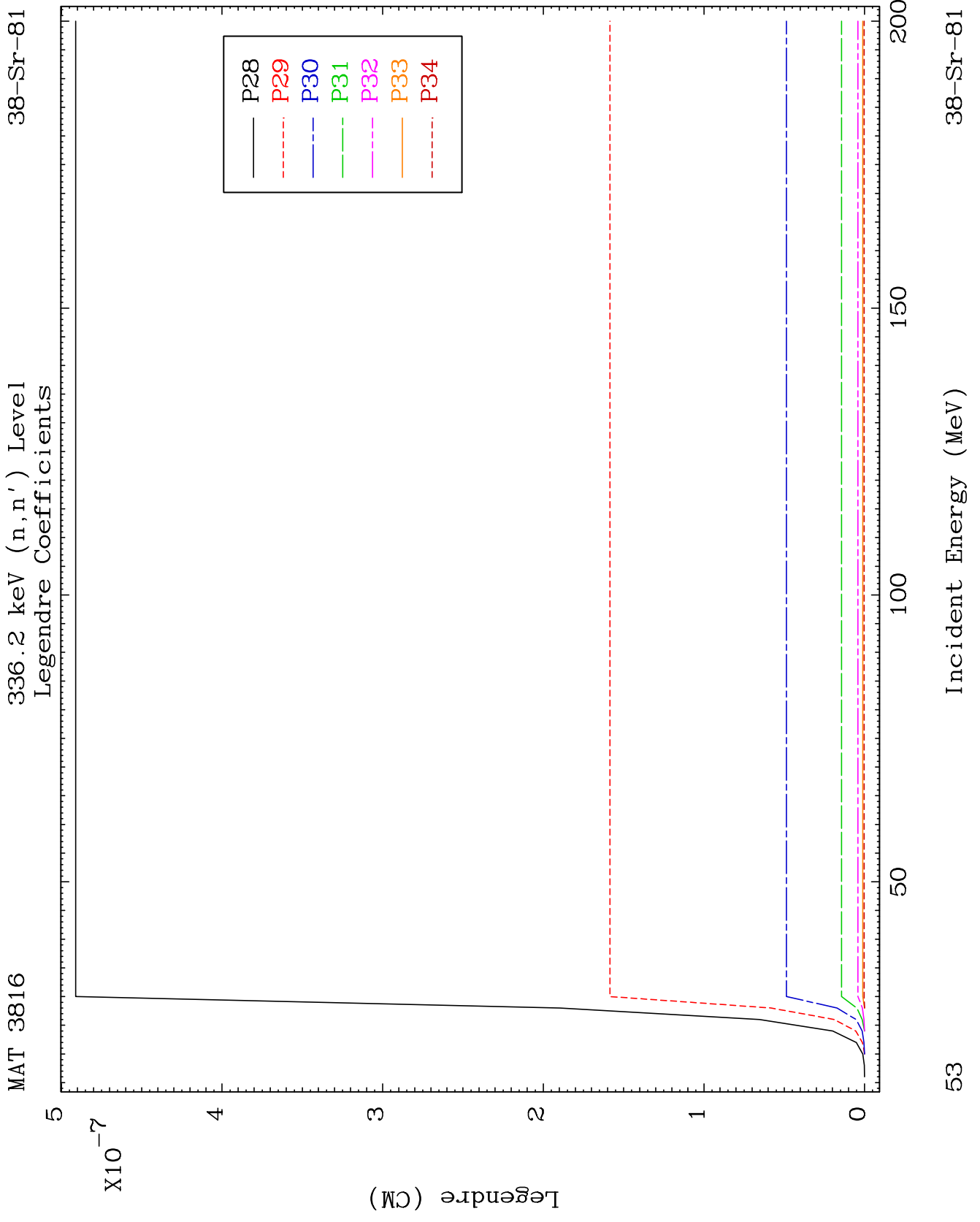


38-Sr-81

Incident Energy (MeV)

51

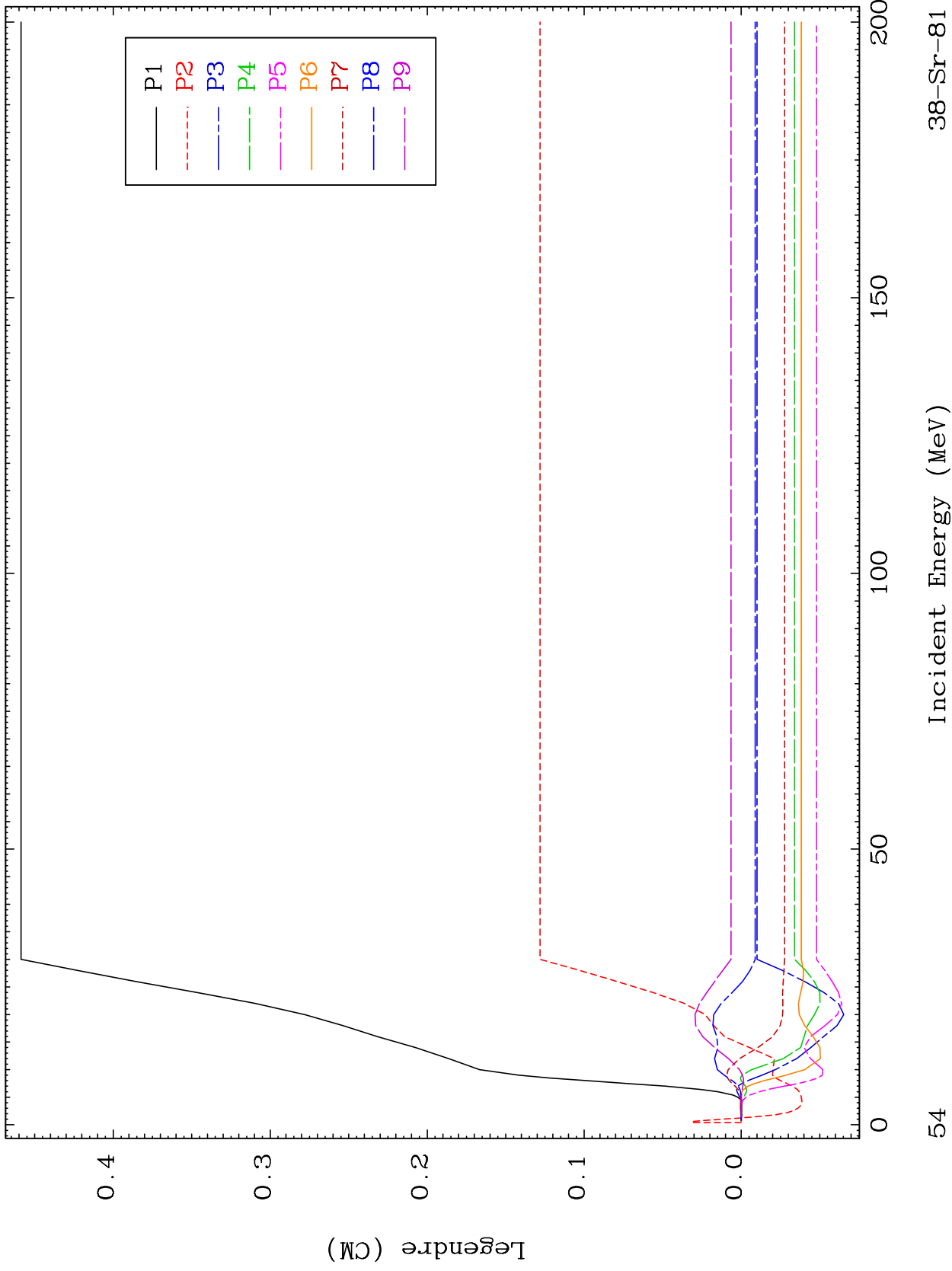




MAT 3816

366.5 keV (n,n') Level
Legendre Coefficients

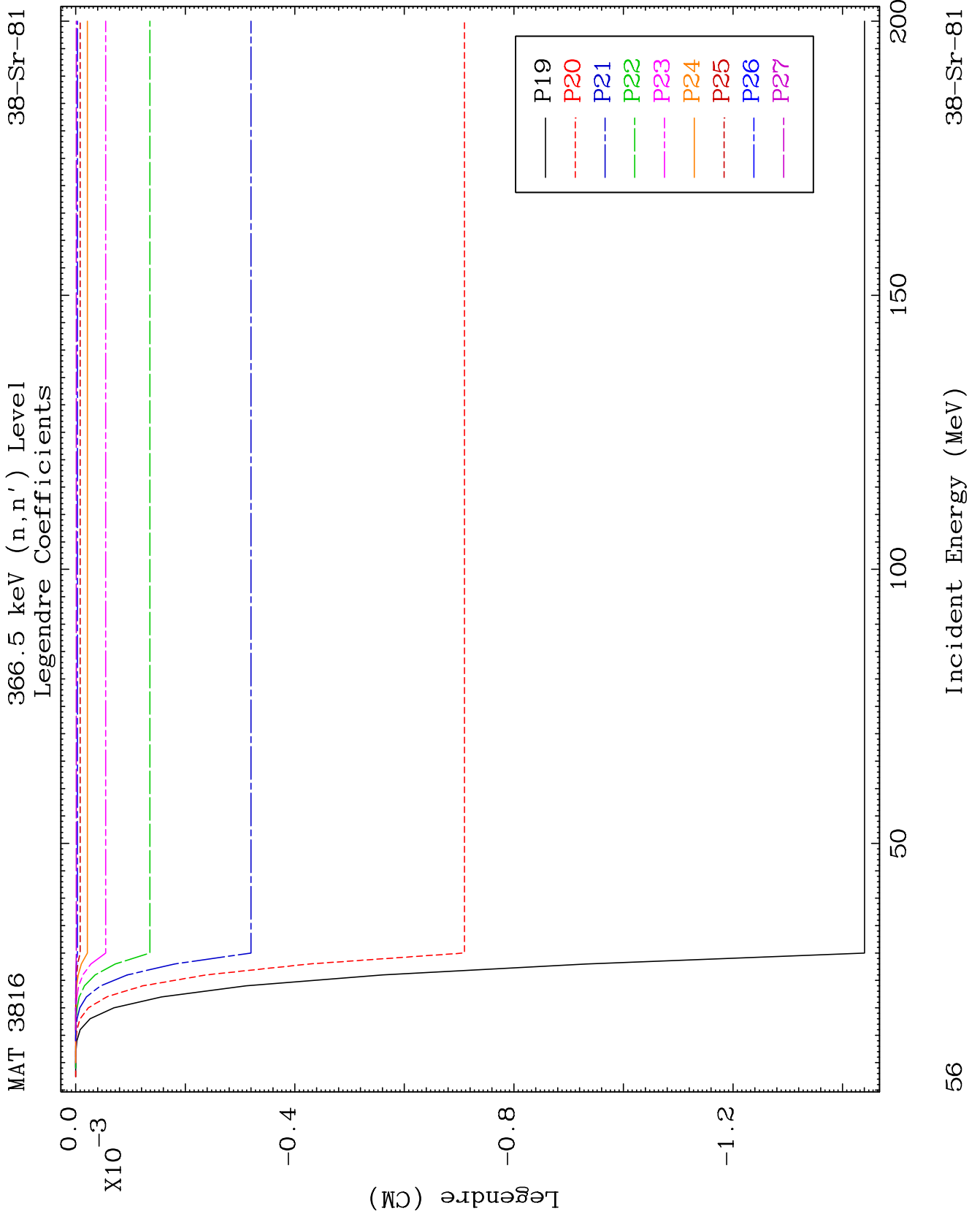
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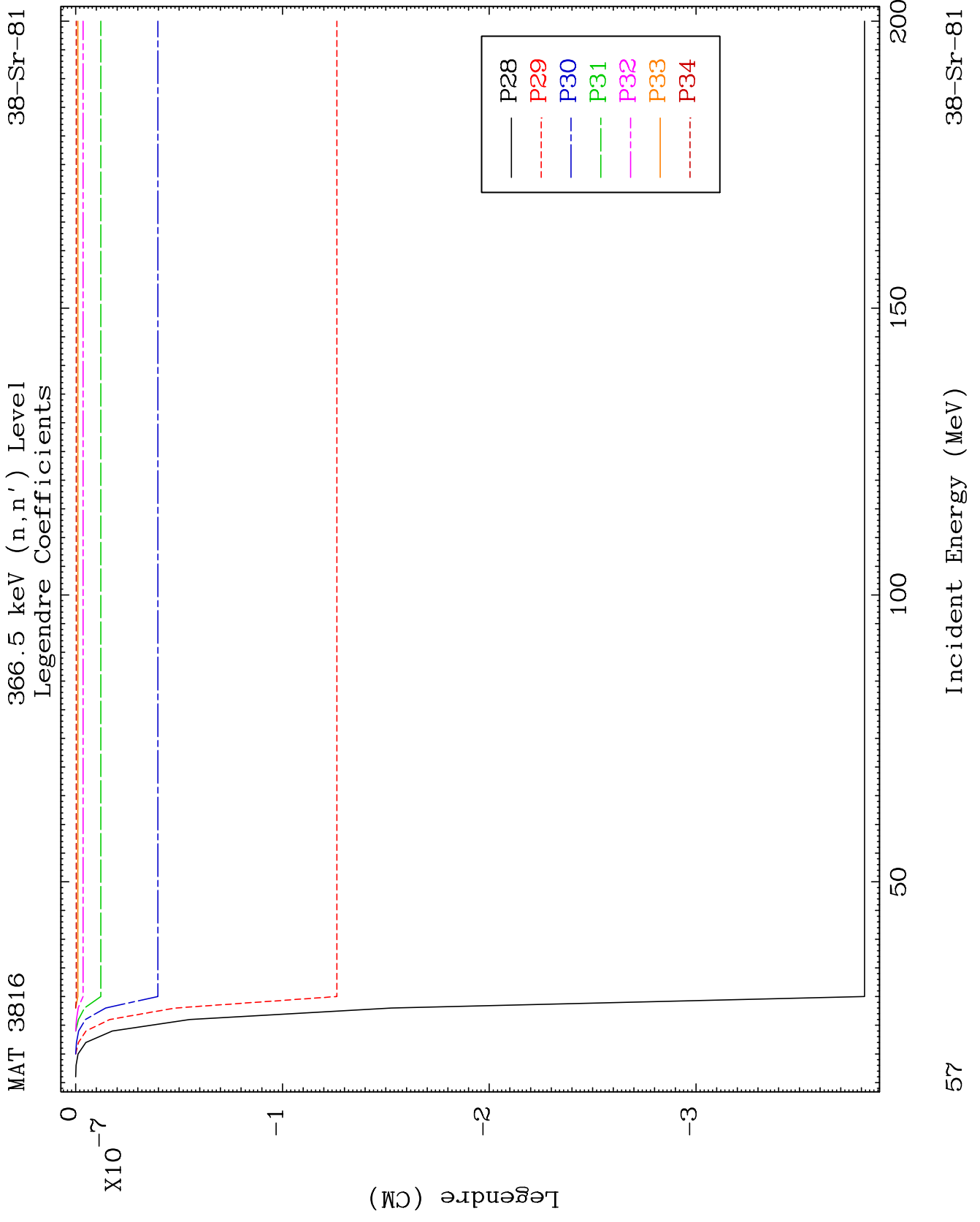


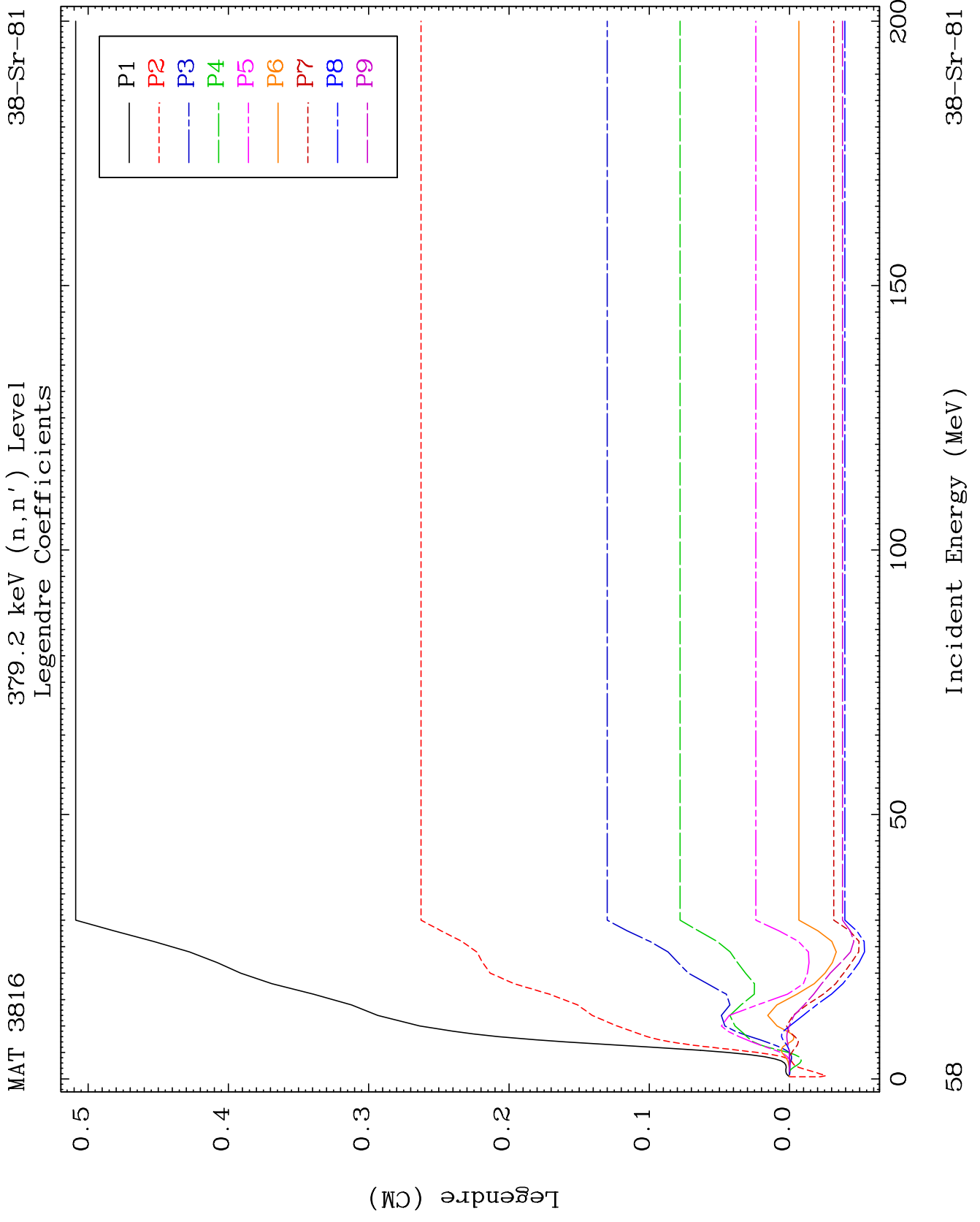
54

Incident Energy (MeV)

38-Sr-81



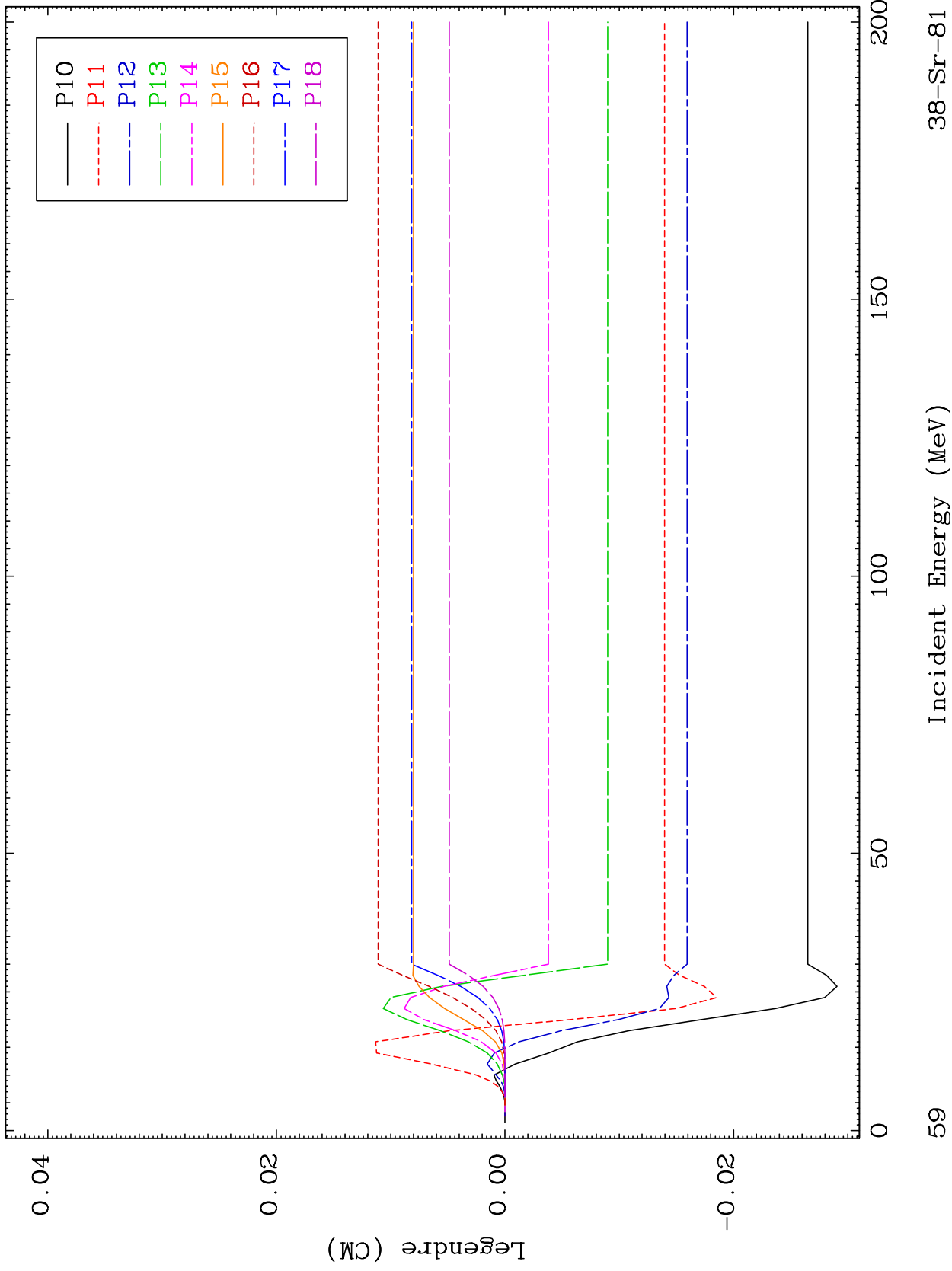




MAT 3816

379.2 keV (n,n') Level
Legendre Coefficients

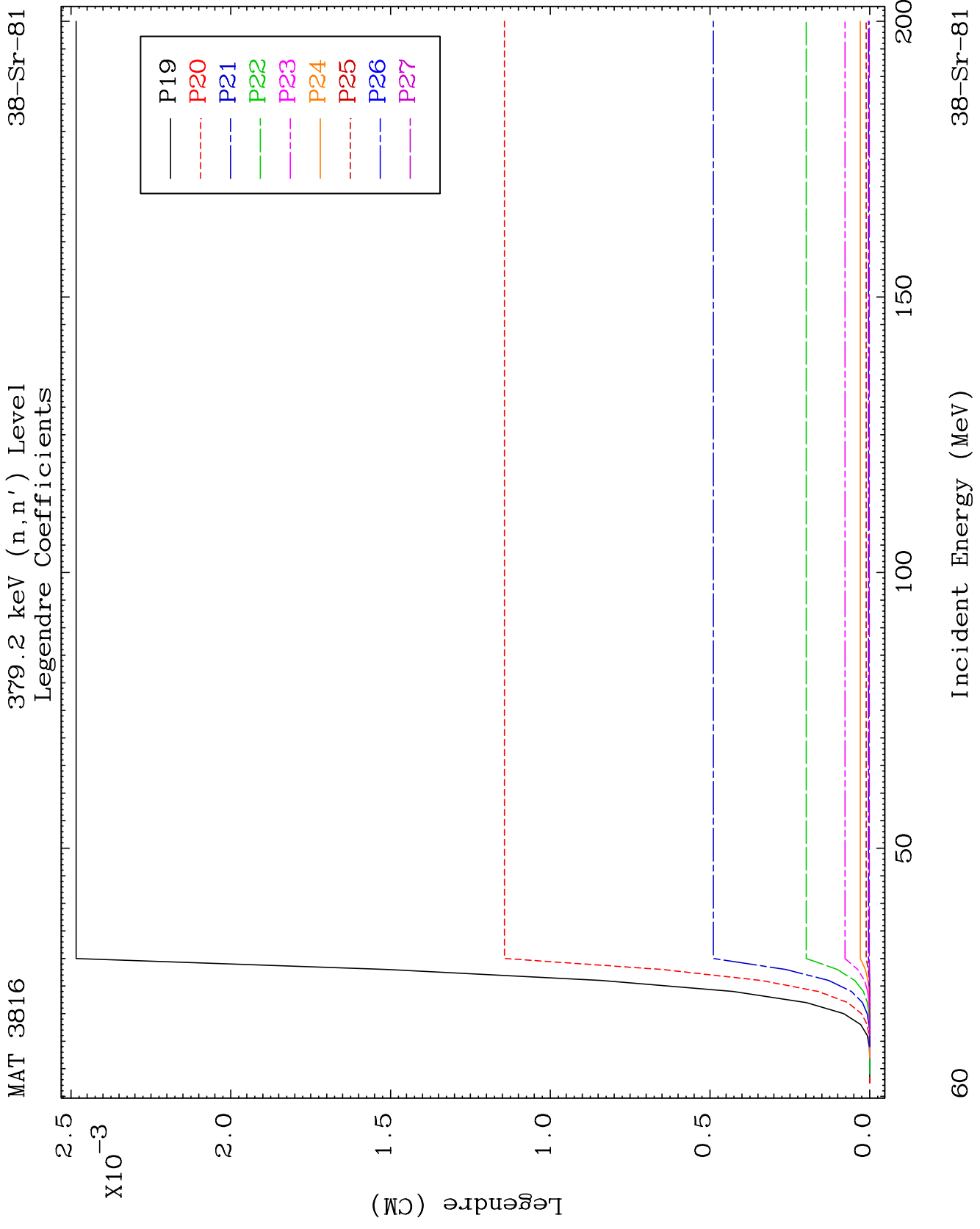
38-Sr-81



59

Incident Energy (MeV)

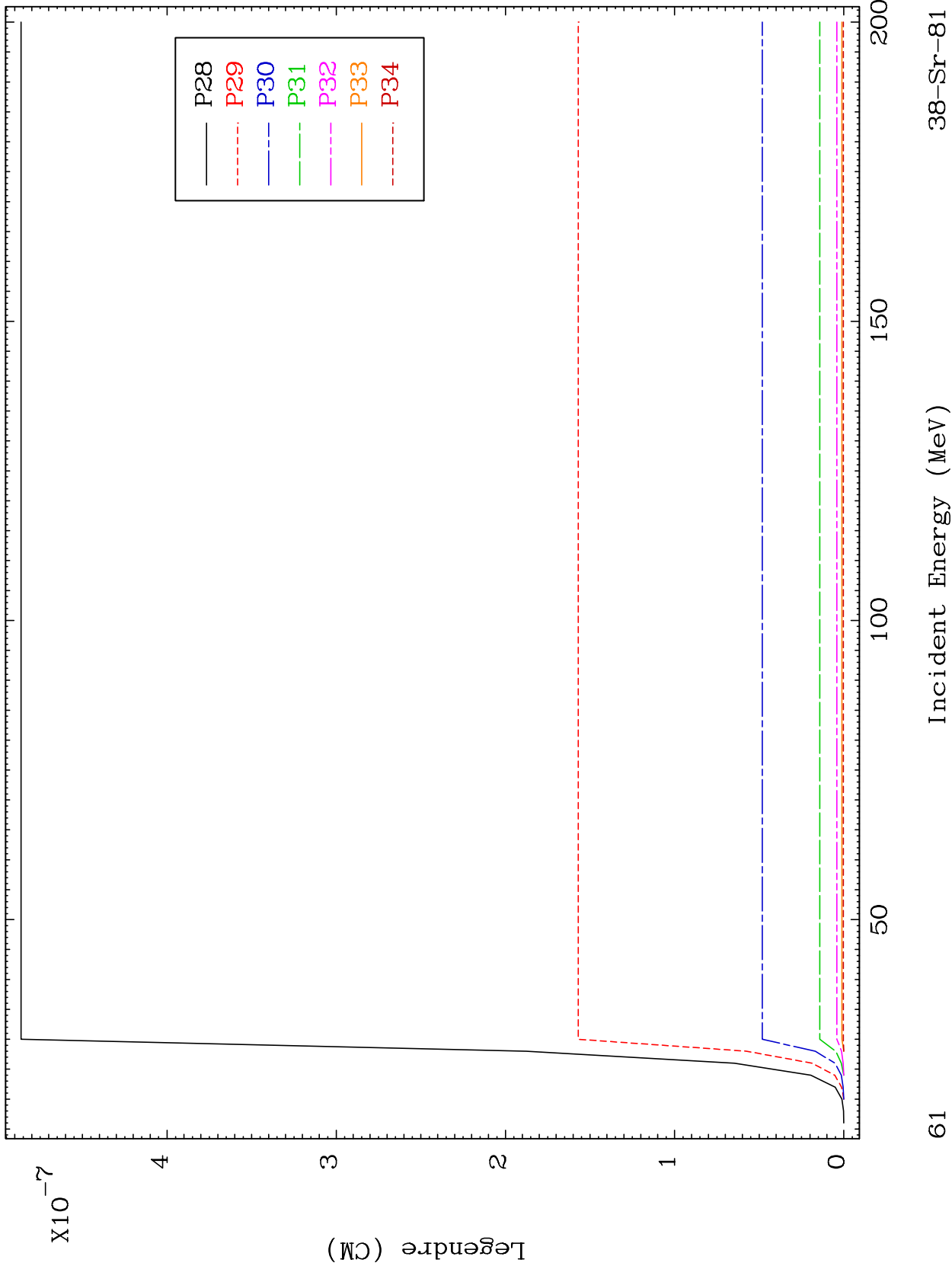
38-Sr-81



MAT 3816

379.2 keV (n,n') Level
Legendre Coefficients

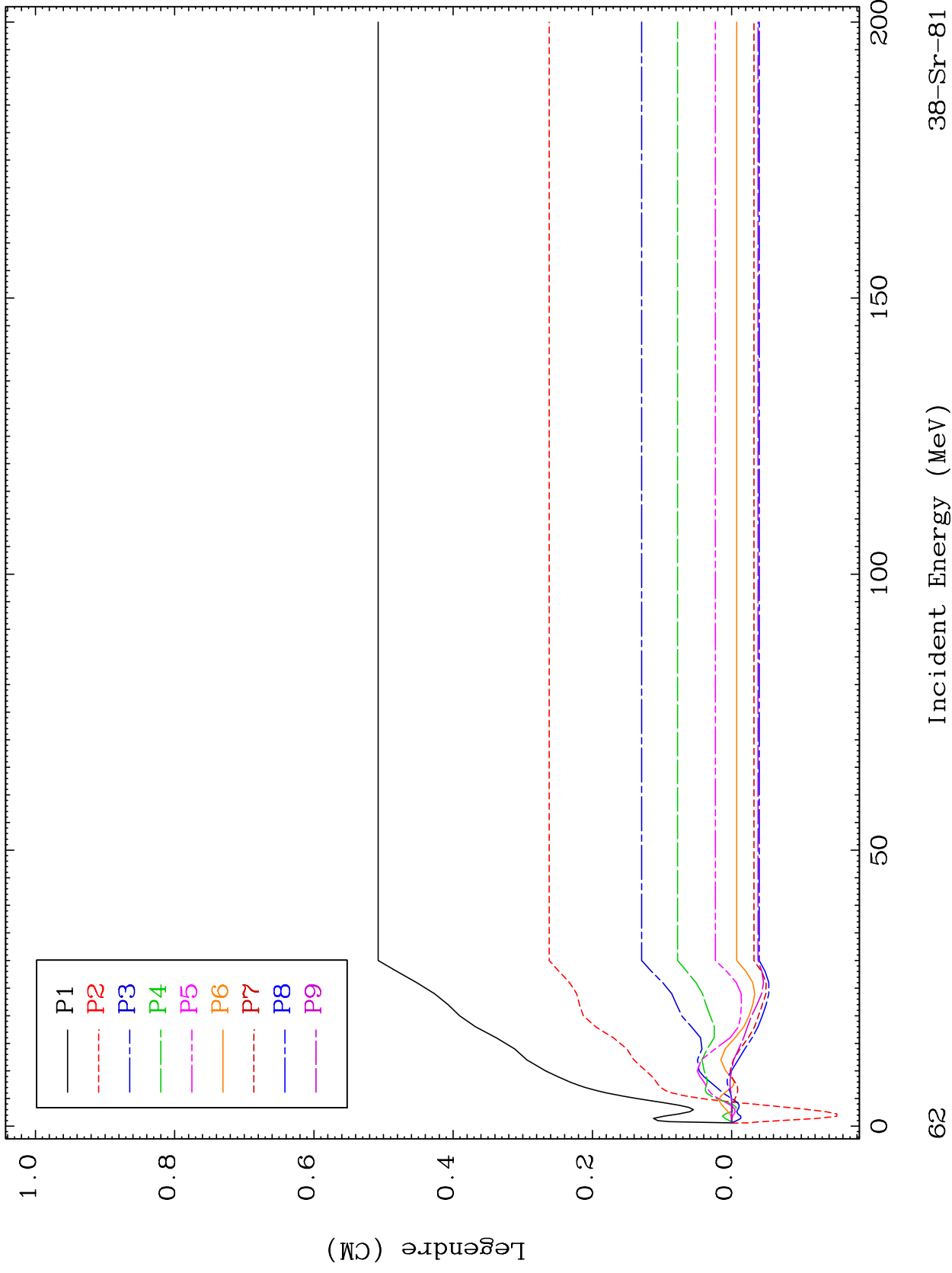
38-Sr-81



MAT 3816

535.8 keV (n,n') Level
Legendre Coefficients

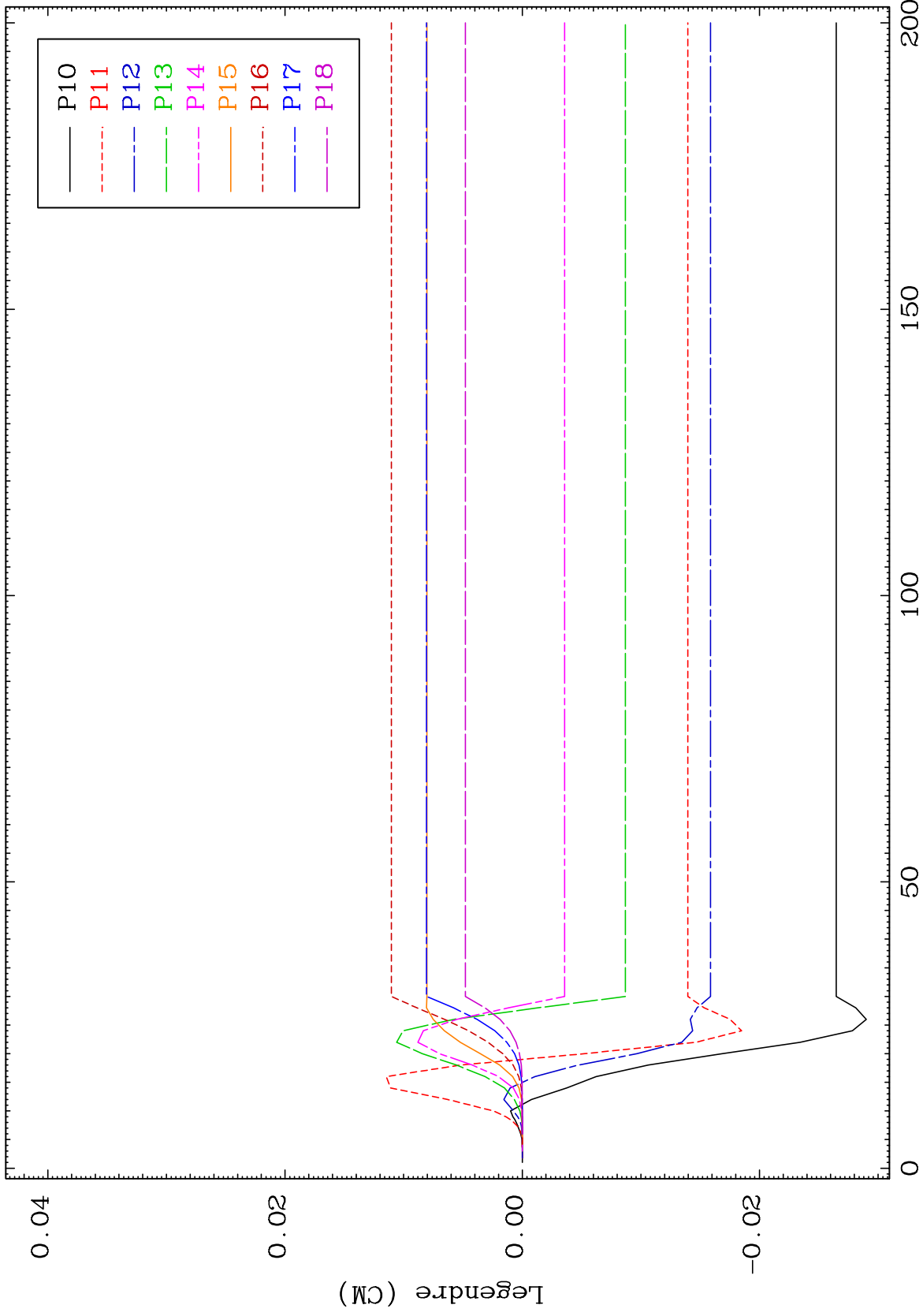
38-Sr-81



MAT 3816

535.8 keV (n,n') Level
Legendre Coefficients

38-Sr-81



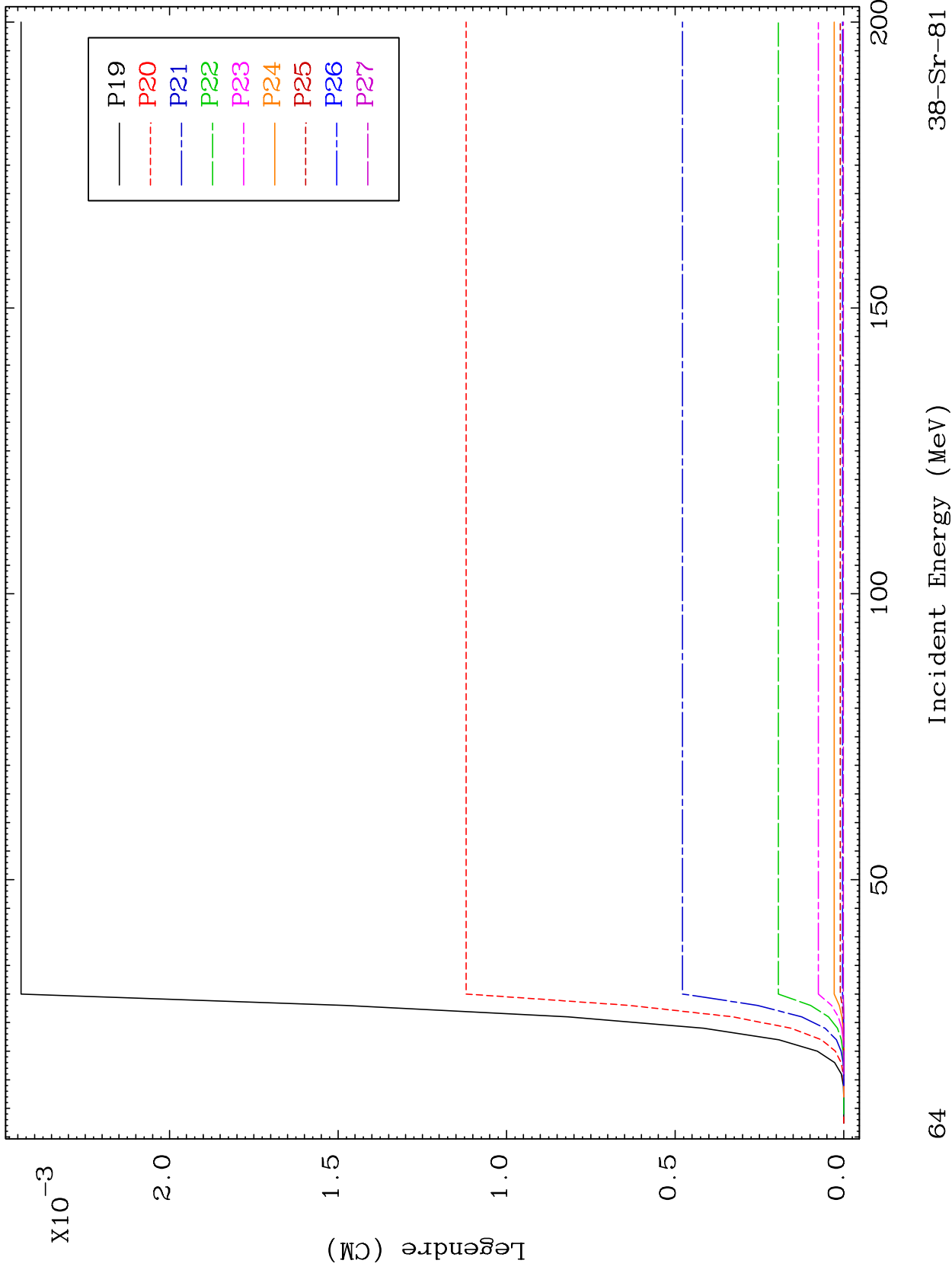
63

38-Sr-81

MAT 3816

535.8 keV (n,n') Level
Legendre Coefficients

38-Sr-81



64

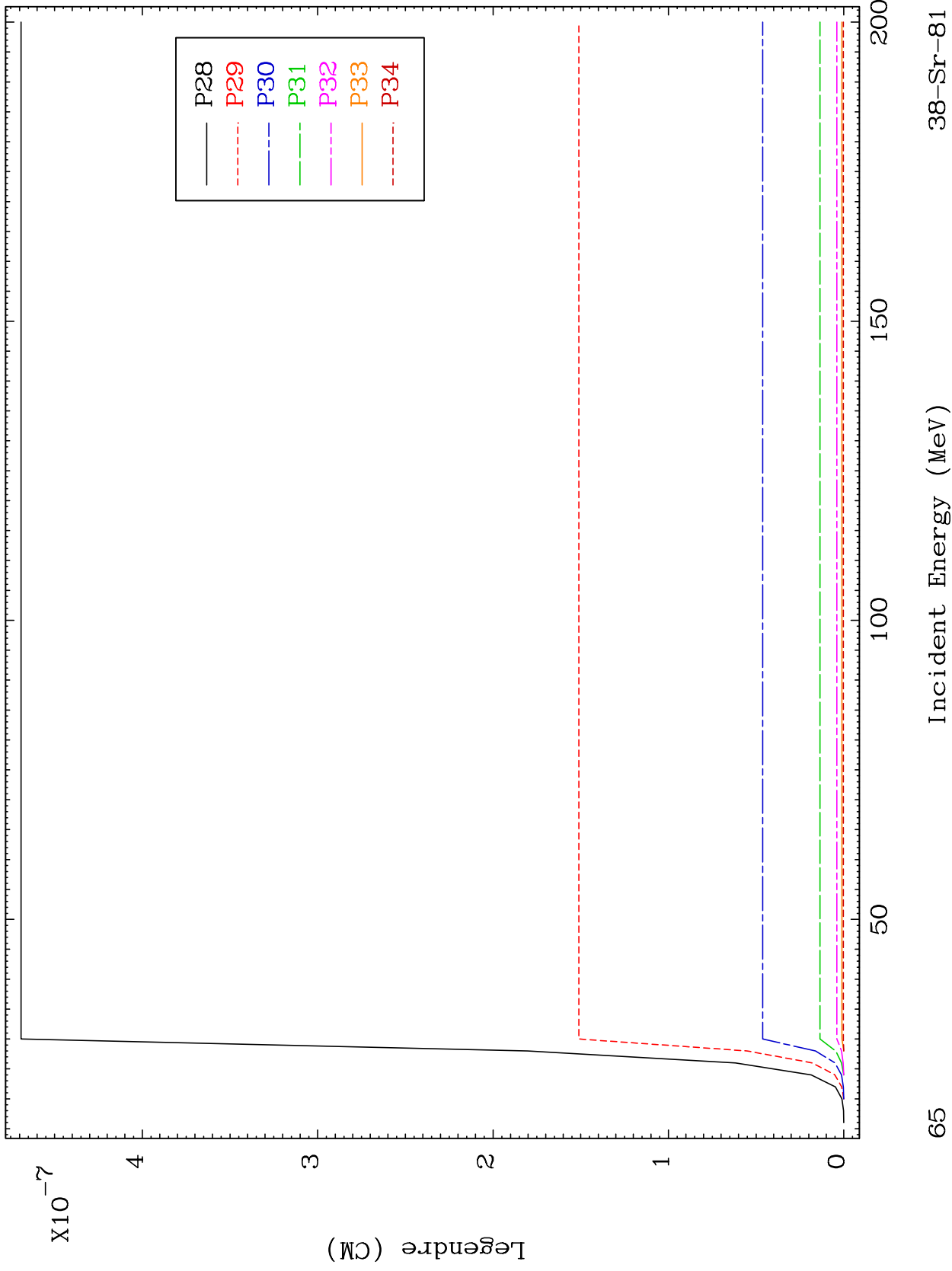
Incident Energy (MeV)

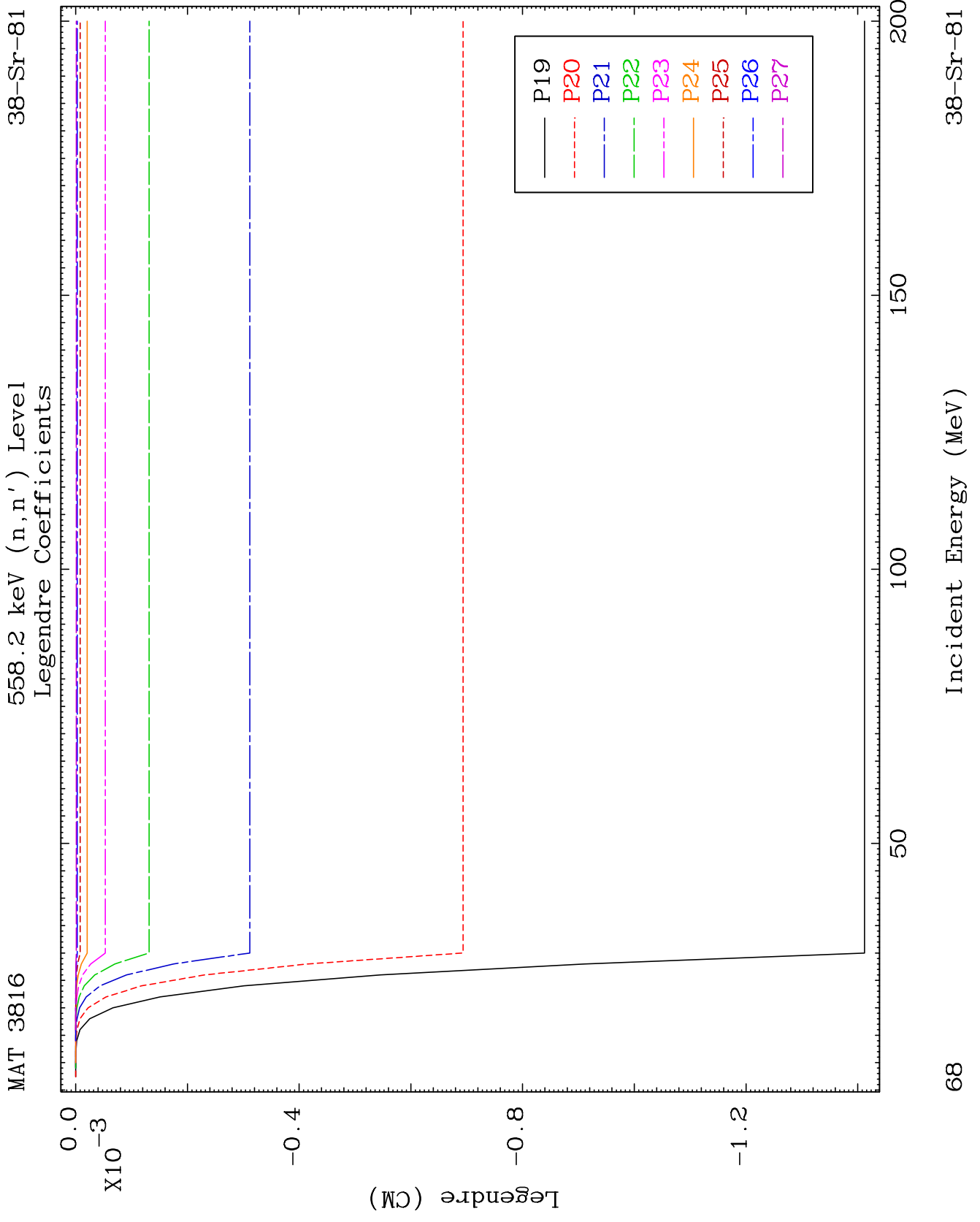
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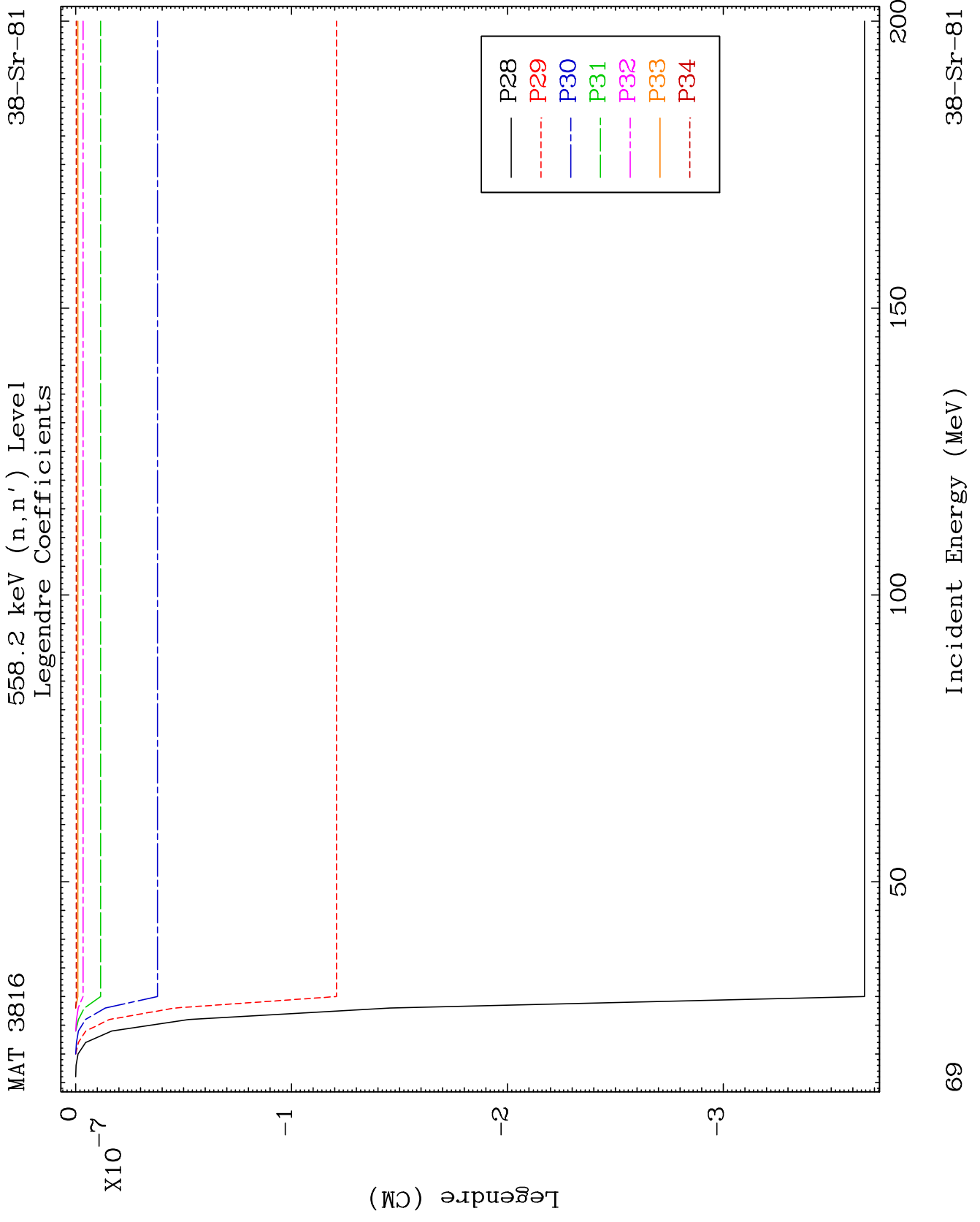
MAT 3816

535.8 keV (n,n') Level
Legendre Coefficients

38-Sr-81



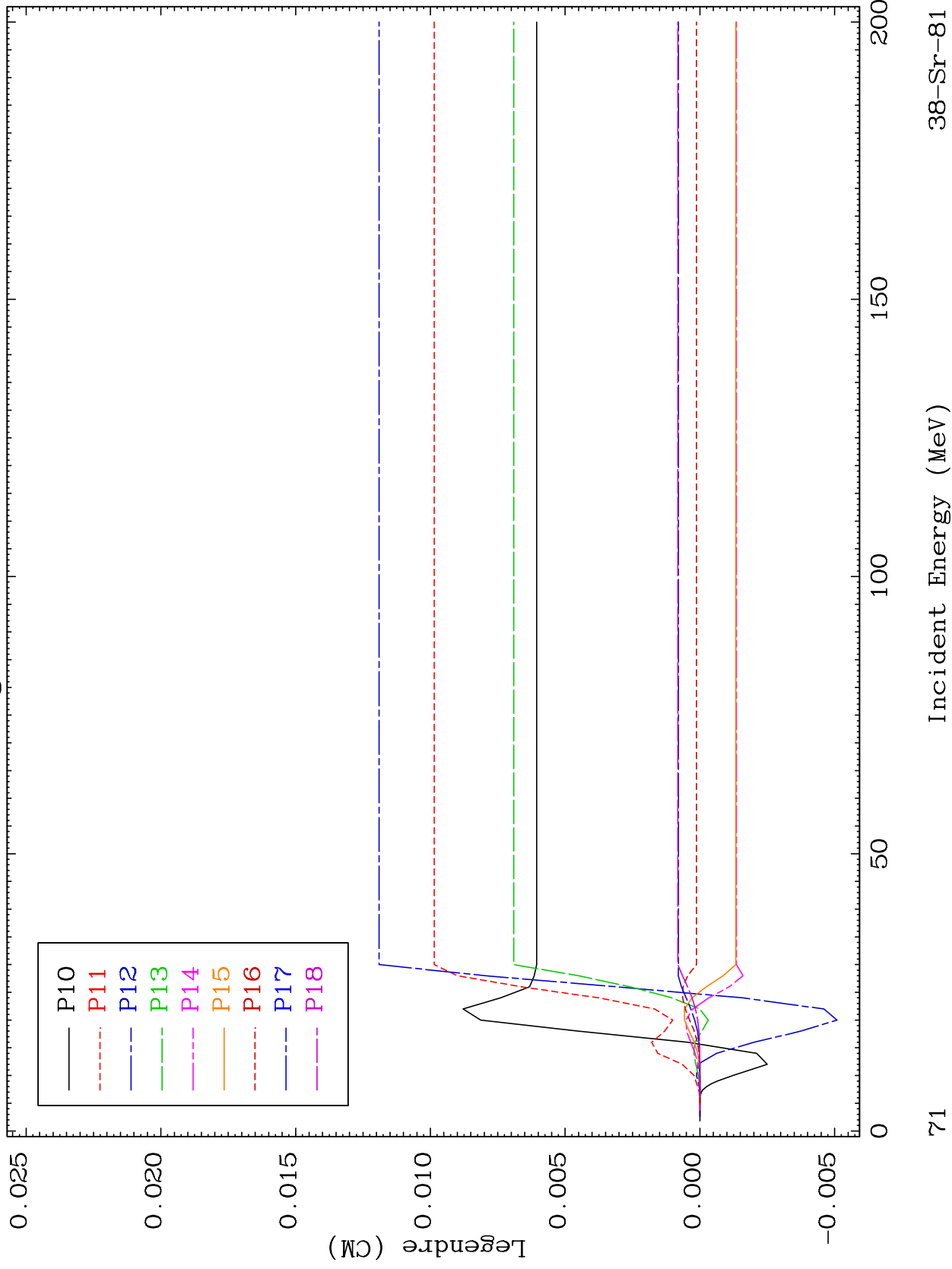




MAT 3816

611.6 keV (n,n') Level
Legendre Coefficients

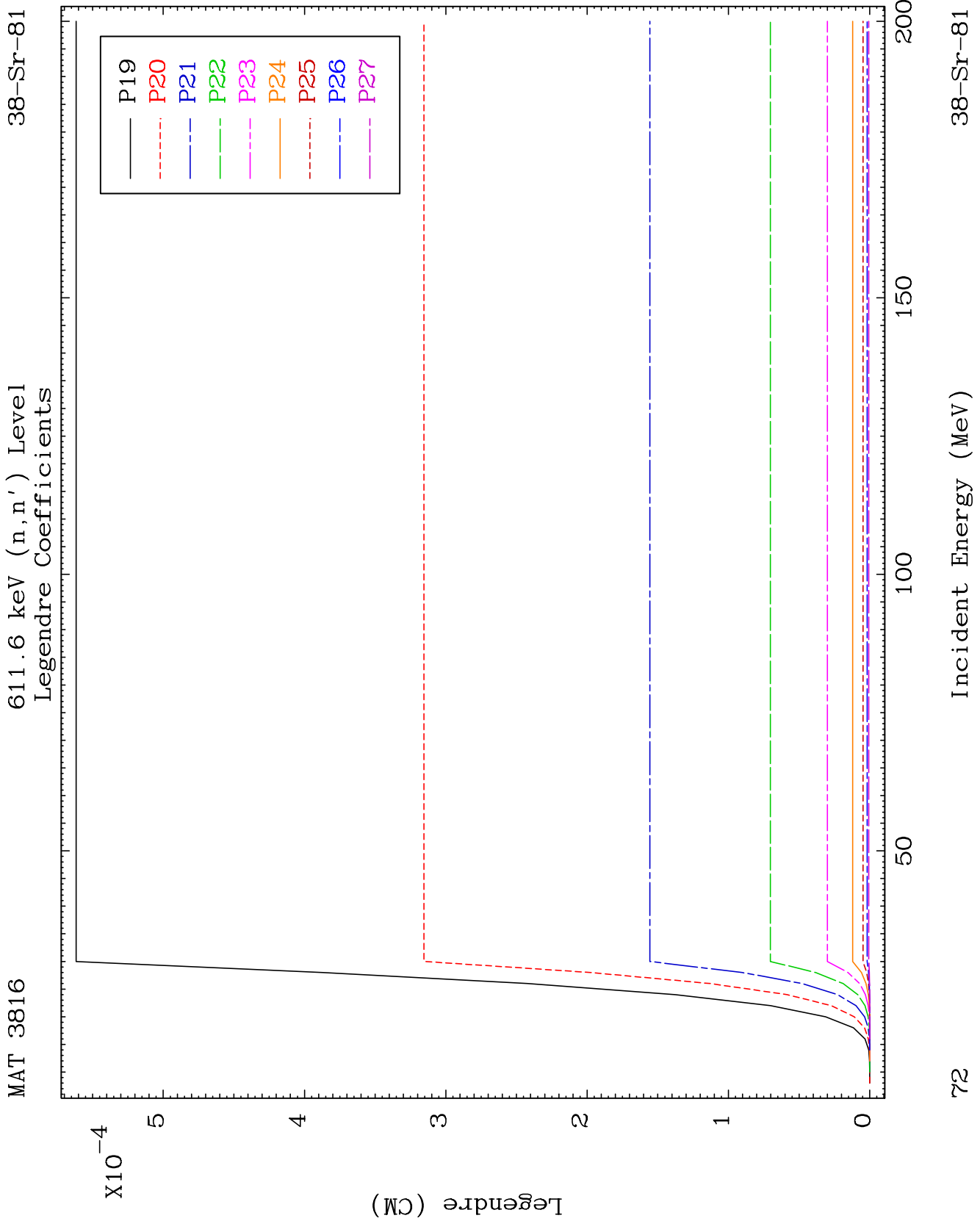
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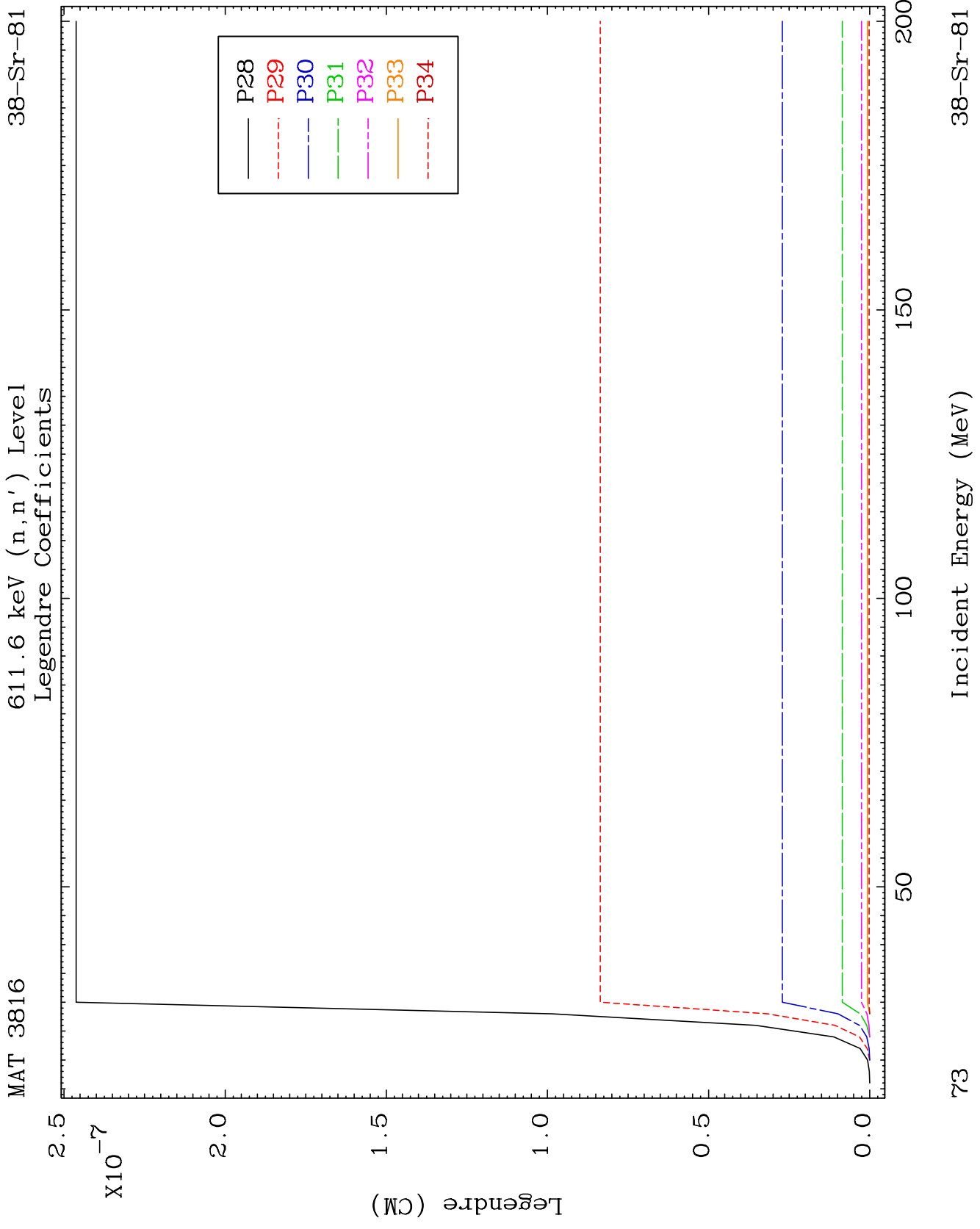


71

Incident Energy (MeV)

38-Sr-81

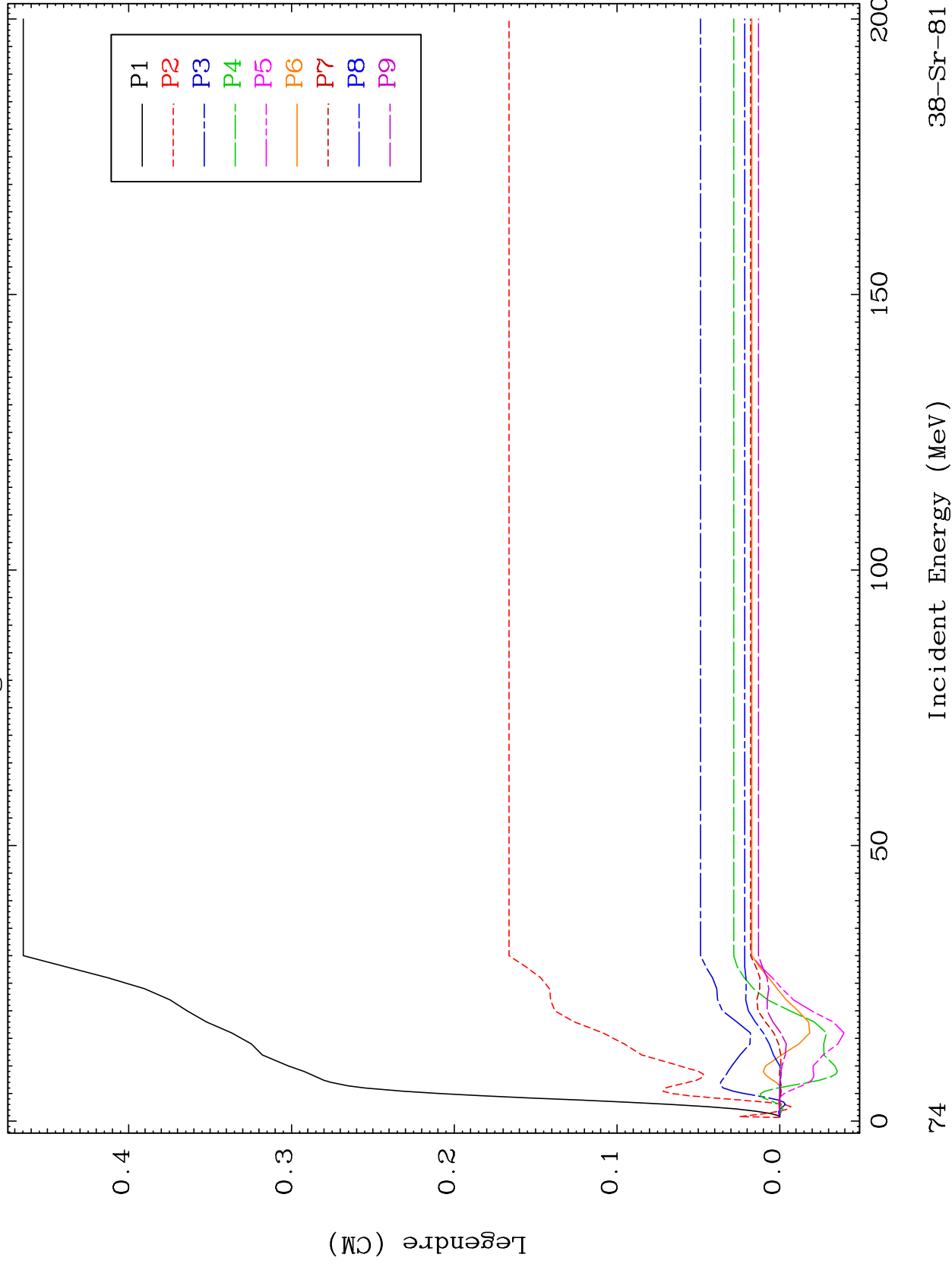




MAT 3816

632.6 keV (n,n') Level
Legendre Coefficients

38-Sr-81



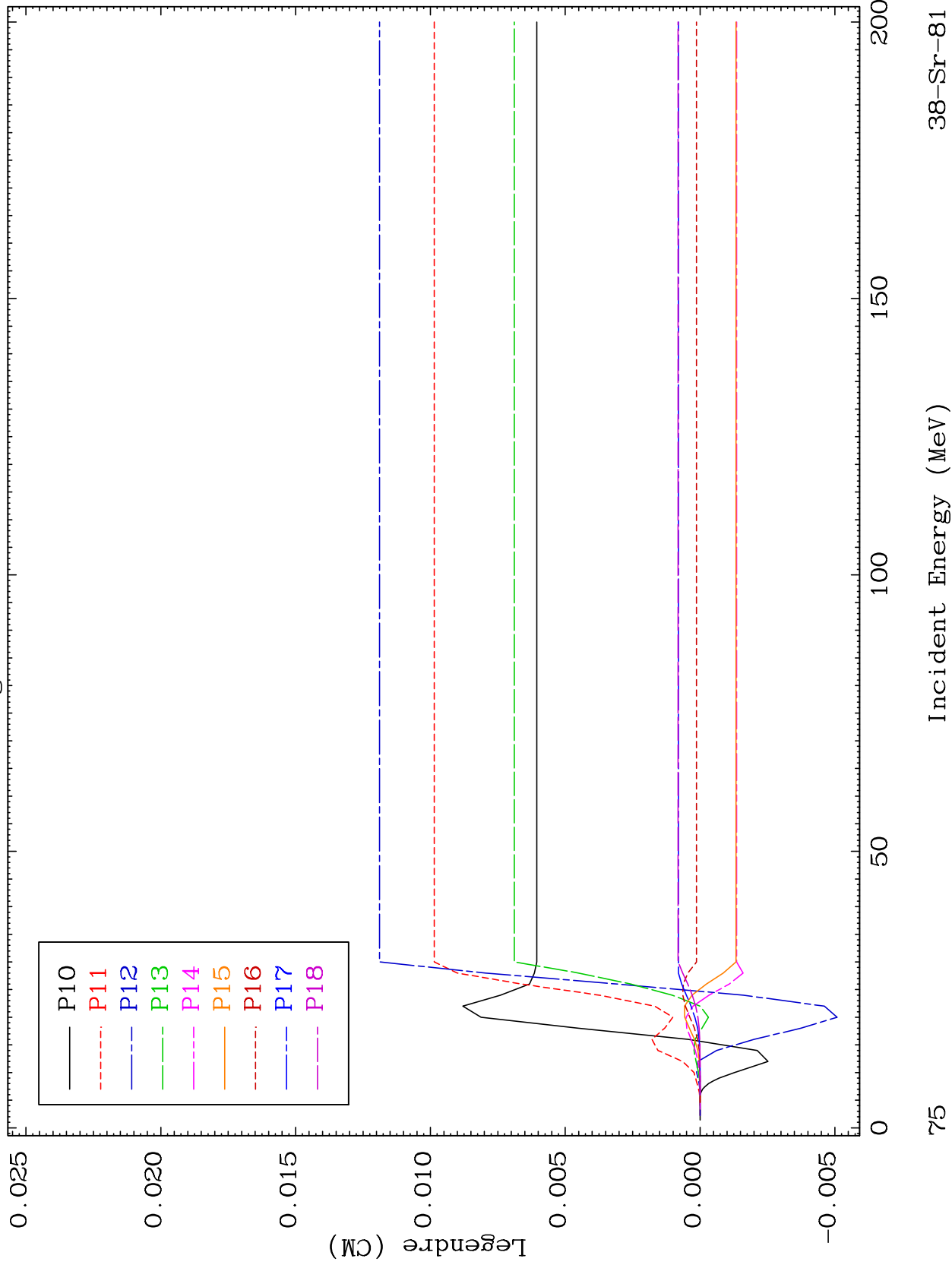
74

38-Sr-81

MAT 3816

632.6 keV (n,n') Level
Legendre Coefficients

38-Sr-81



75

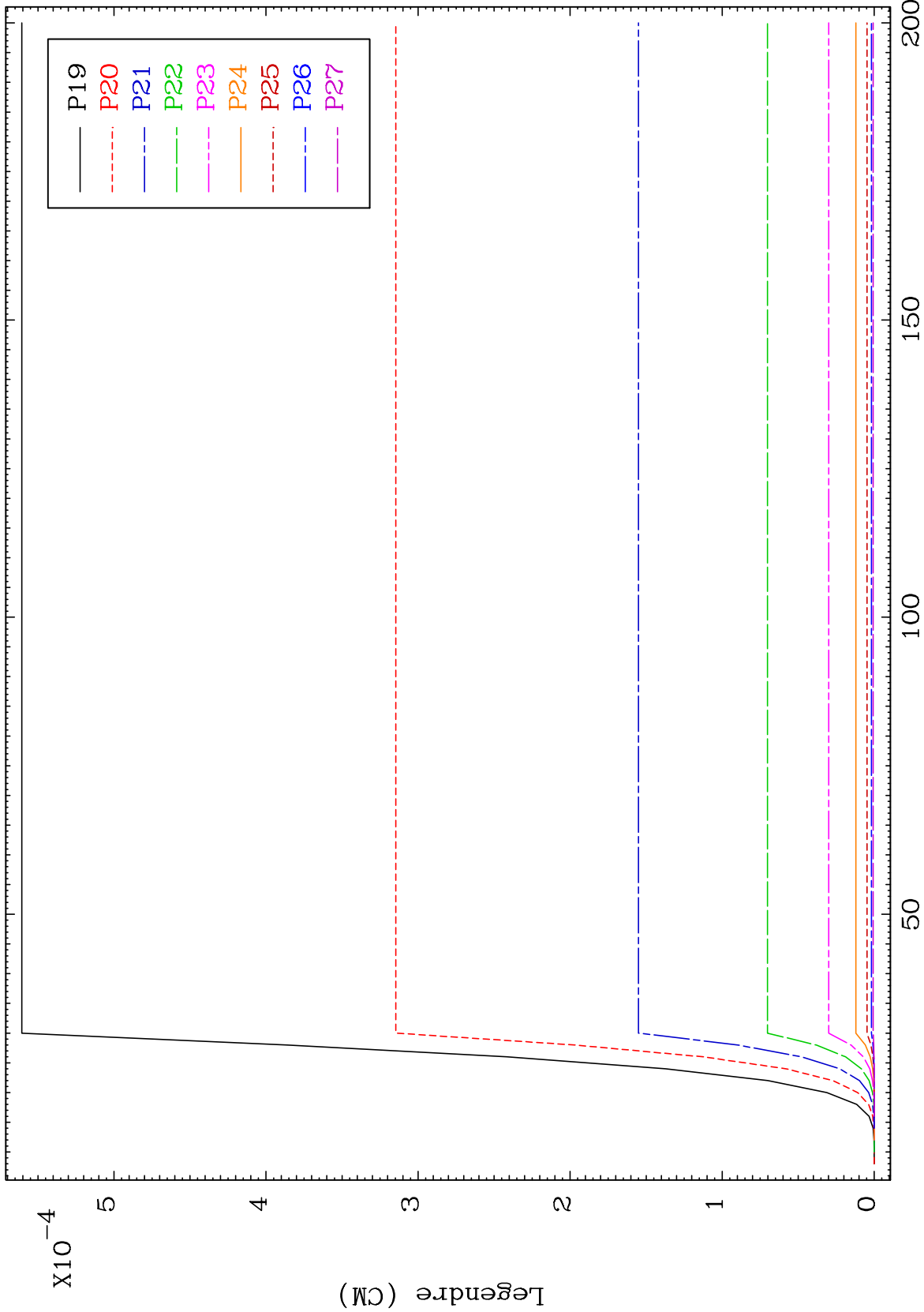
Incident Energy (MeV)

38-Sr-81

MAT 3816

632.6 keV (n,n') Level
Legendre Coefficients

38-Sr-81



76

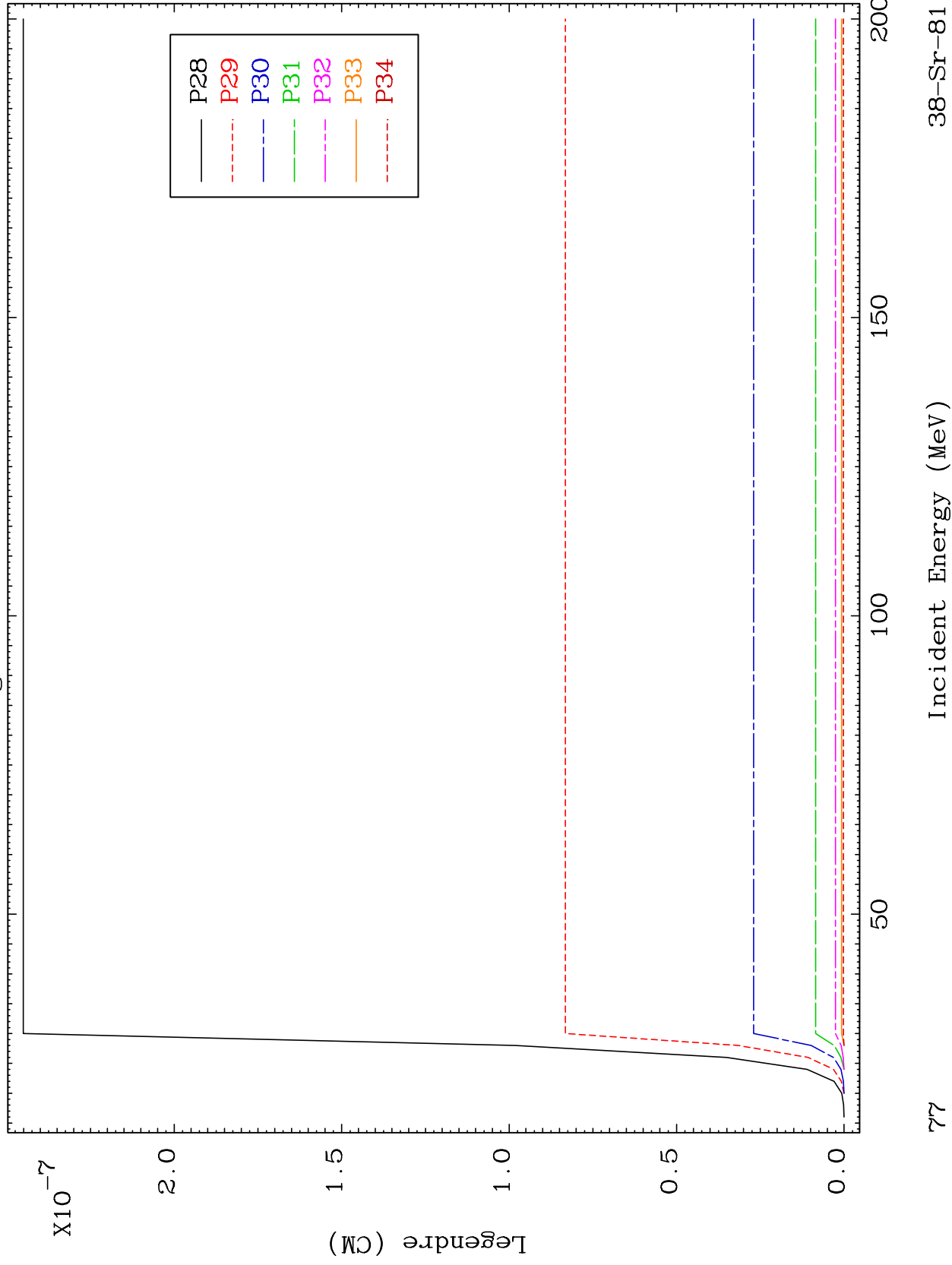
Incident Energy (MeV)

38-Sr-81

MAT 3816

632.6 keV (n,n') Level
Legendre Coefficients

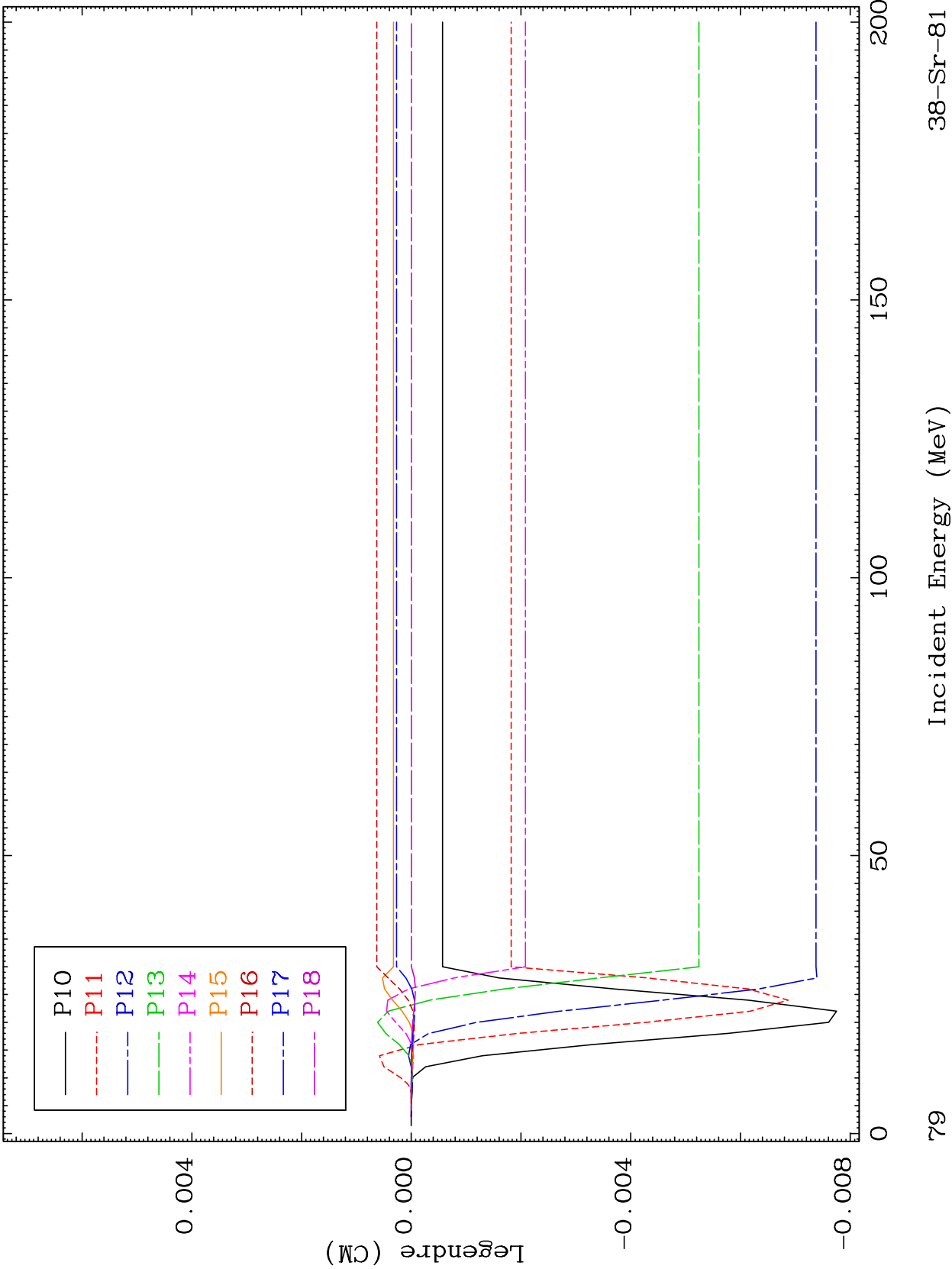
38-Sr-81



MAT 3816

707.0 keV (n,n') Level
Legendre Coefficients

38-Sr-81



79

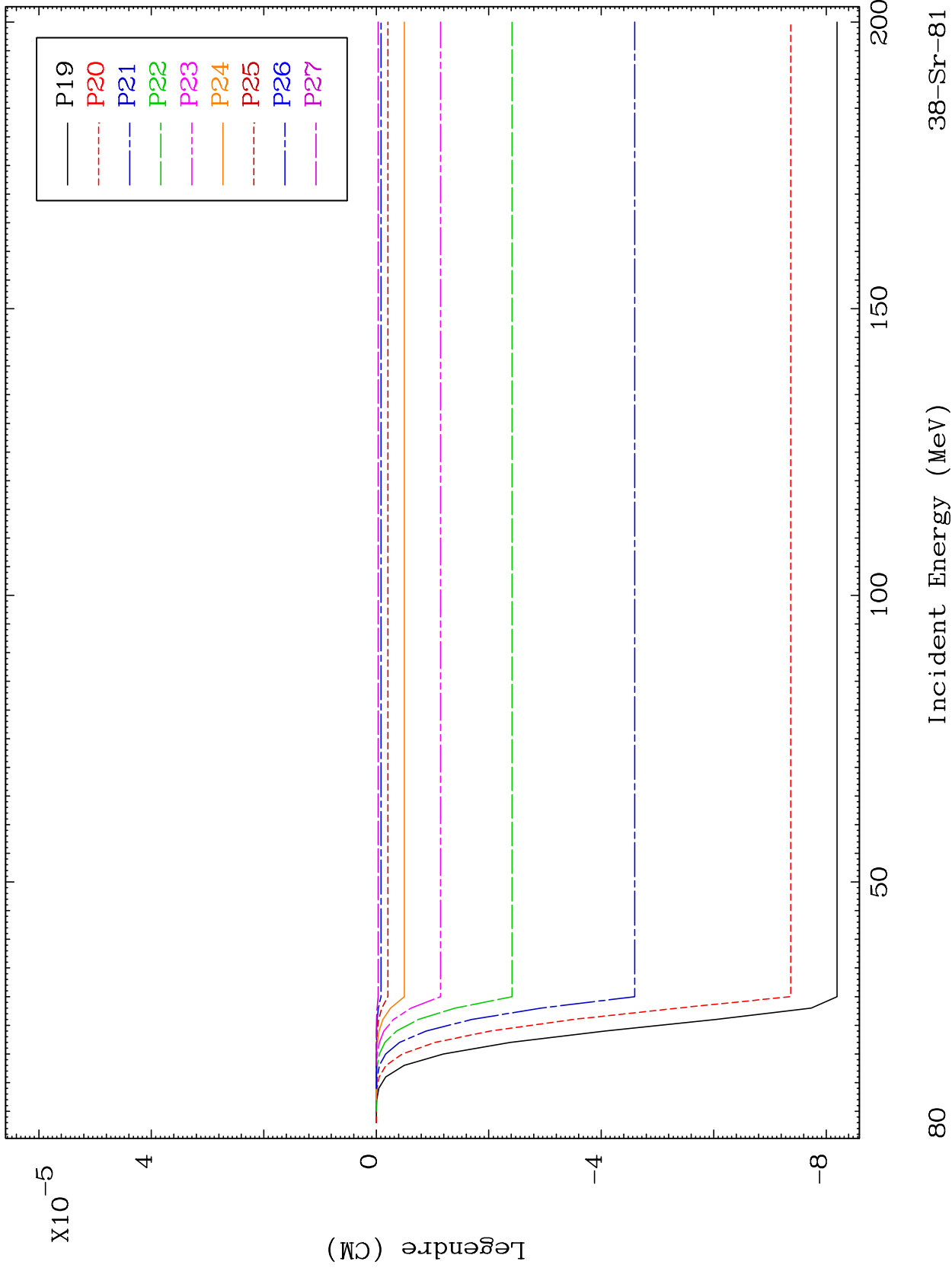
Incident Energy (MeV)

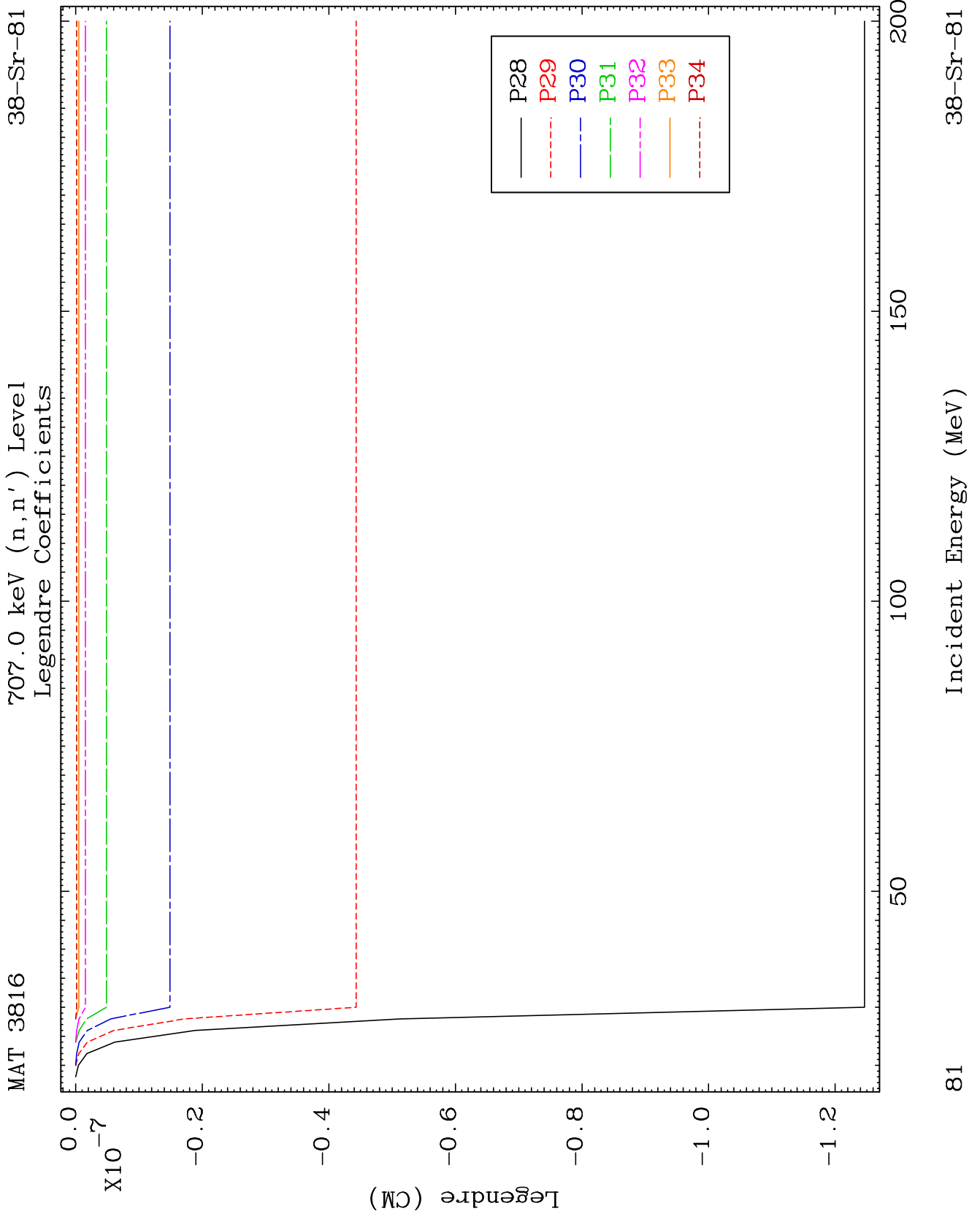
38-Sr-81

MAT 3816

707.0 keV (n,n') Level
Legendre Coefficients

38-Sr-81

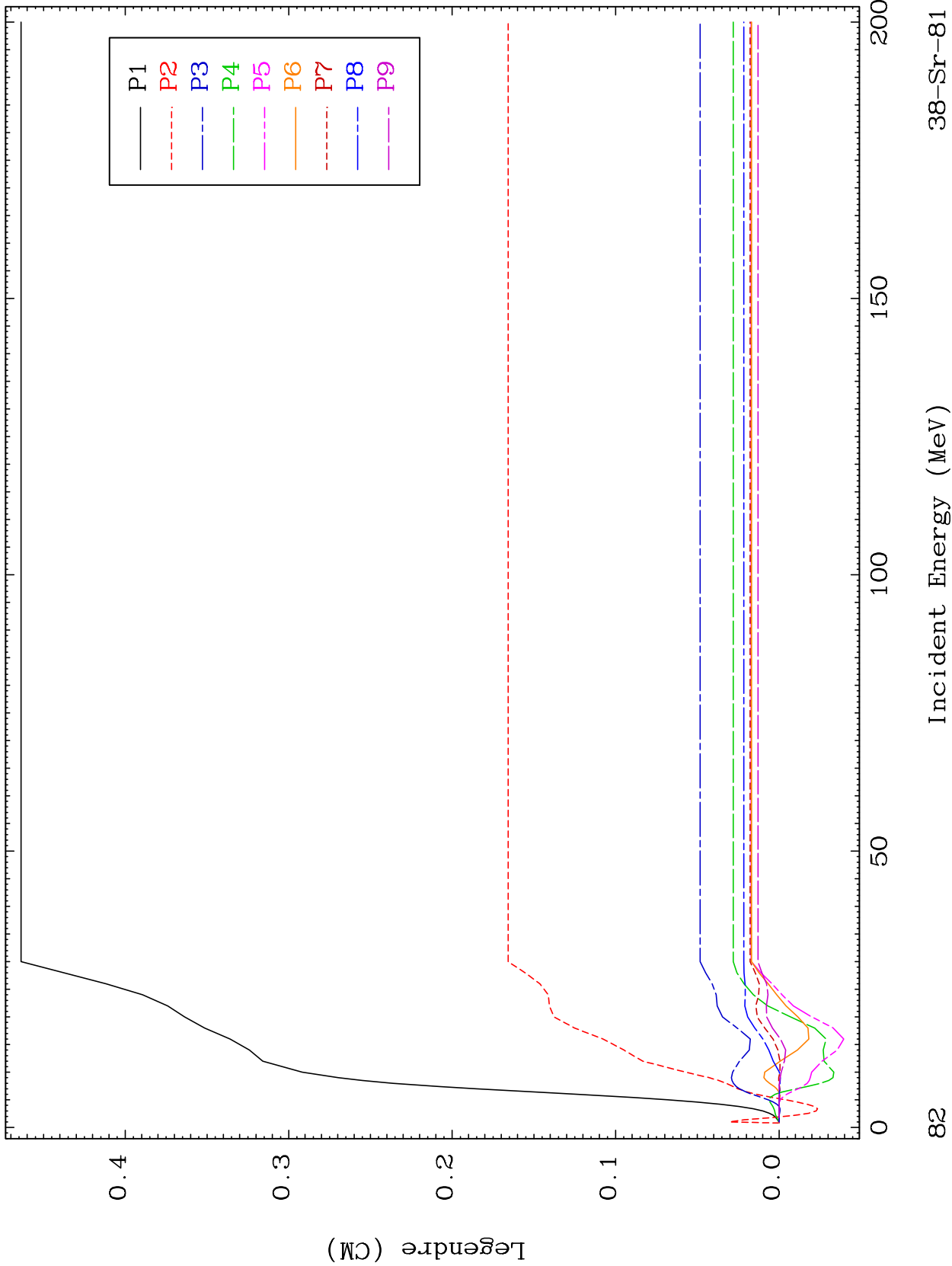




MAT 3816

796.5 keV (n,n') Level
Legendre Coefficients

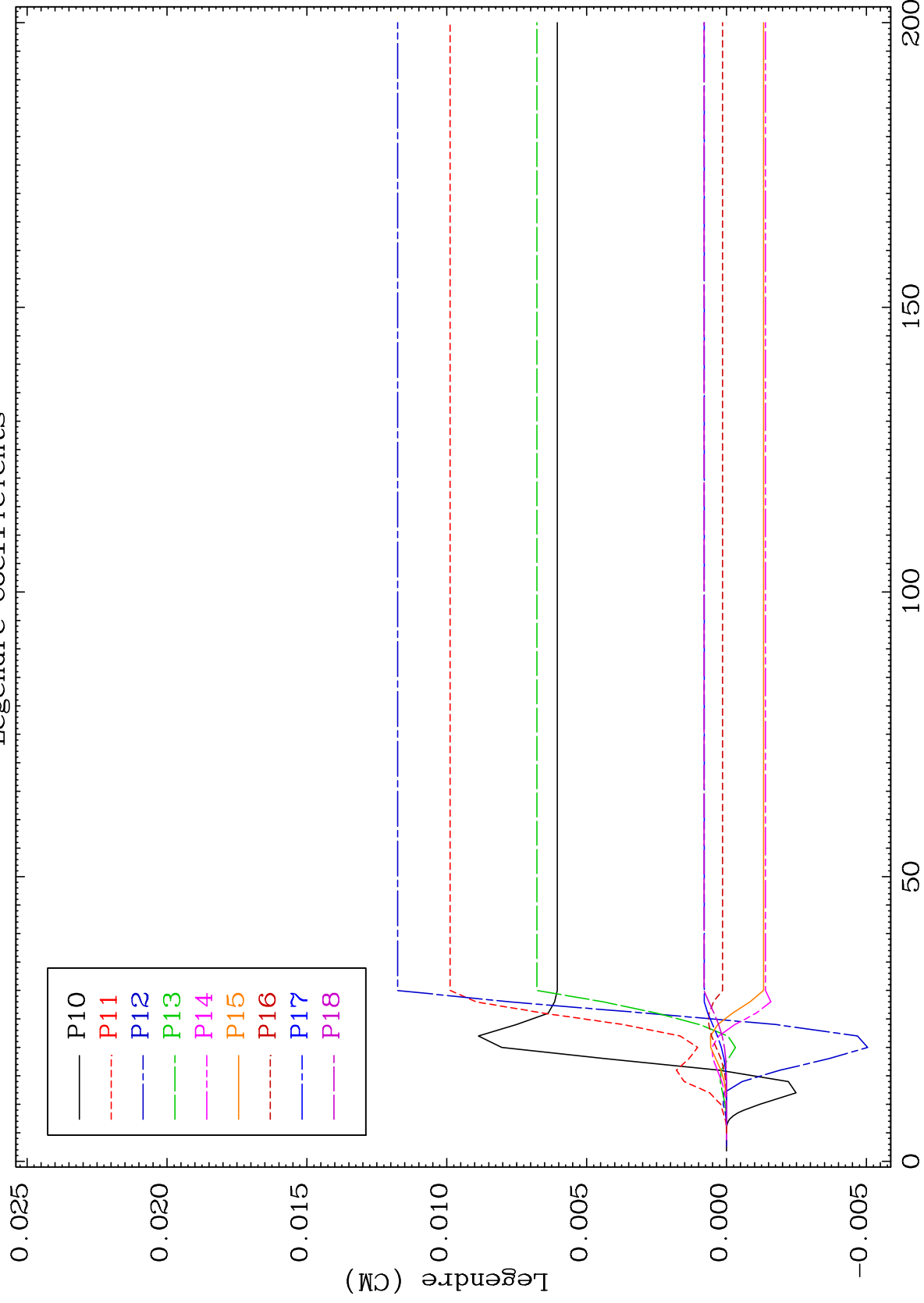
38-Sr-81

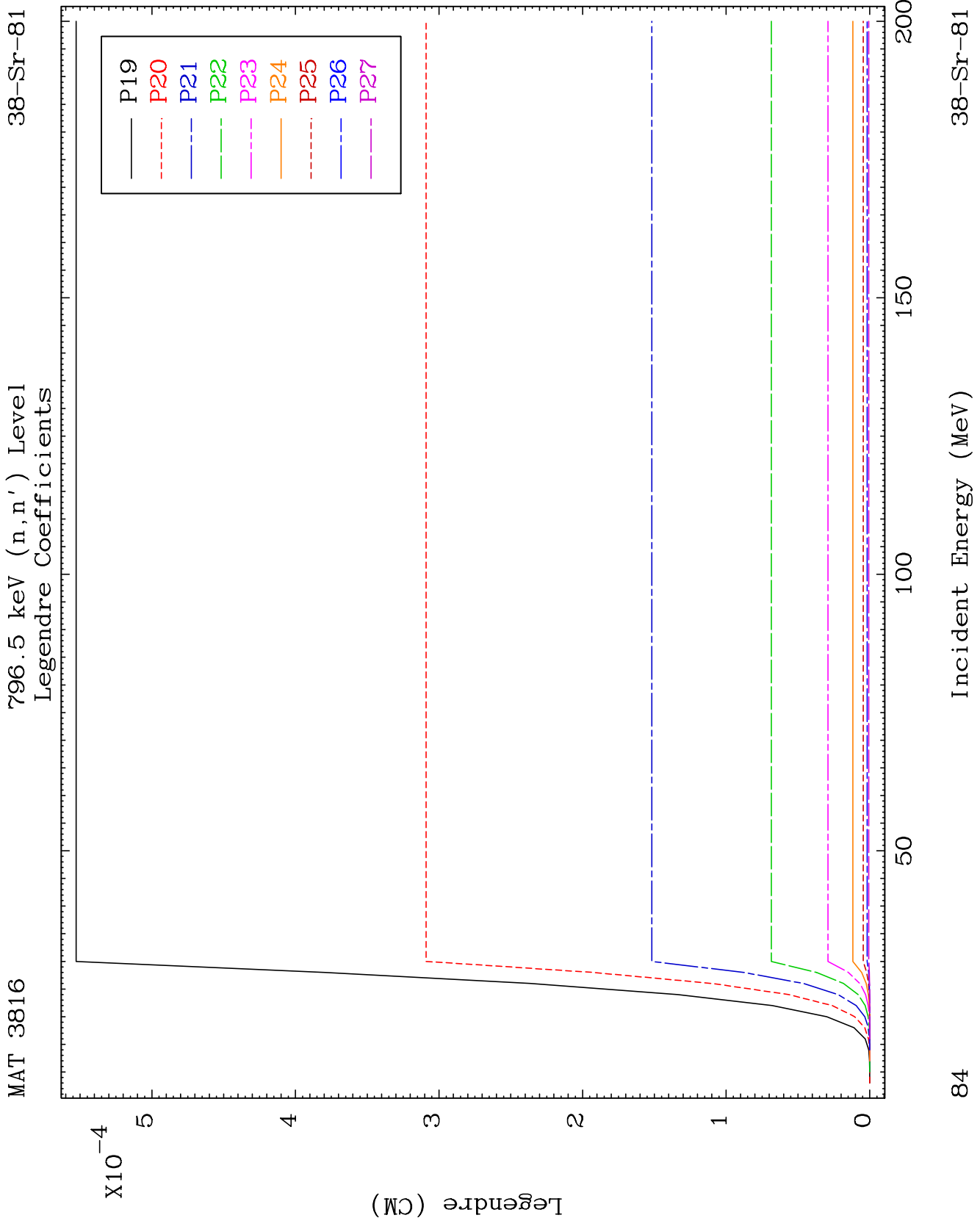


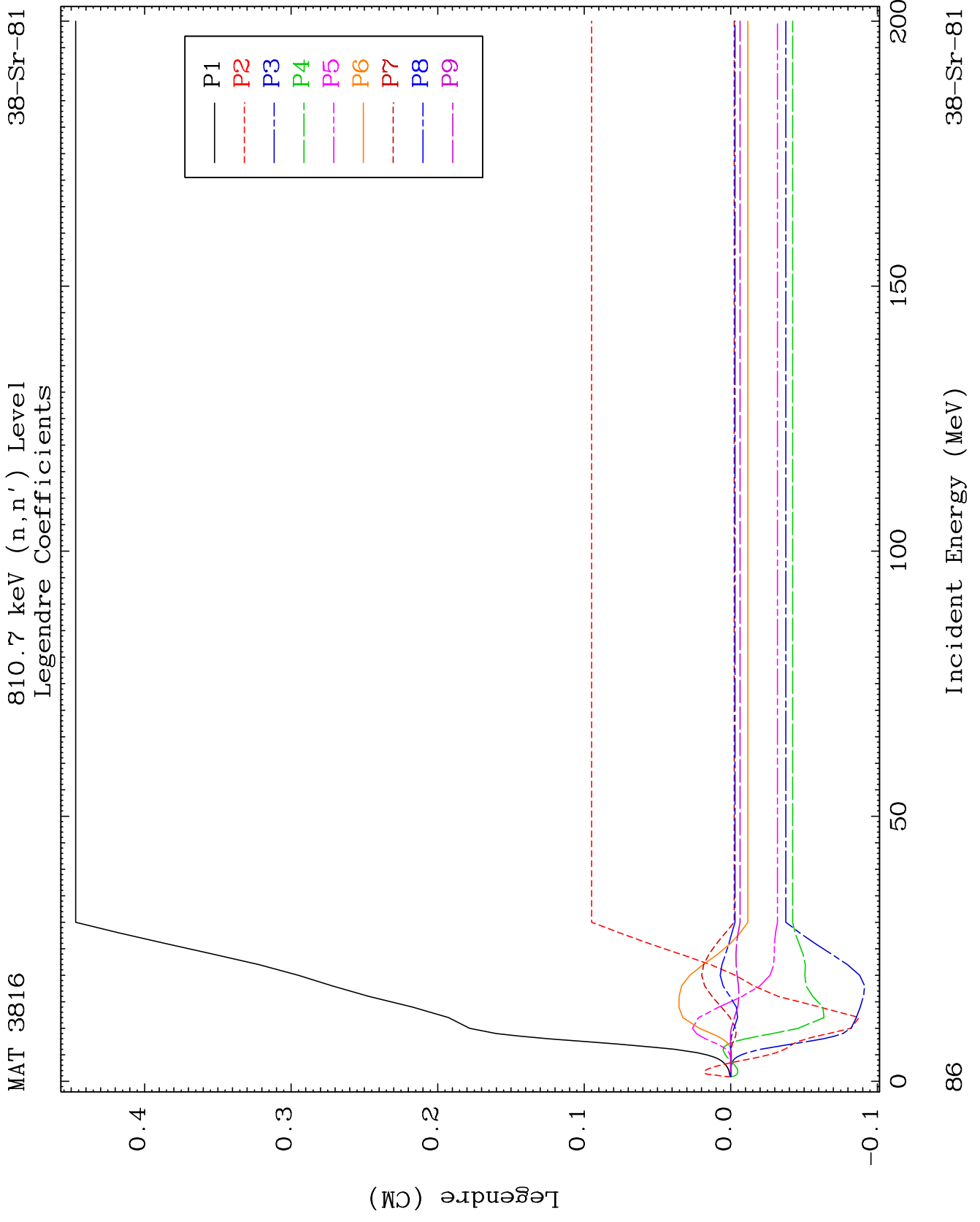
82

Incident Energy (MeV)

38-Sr-81



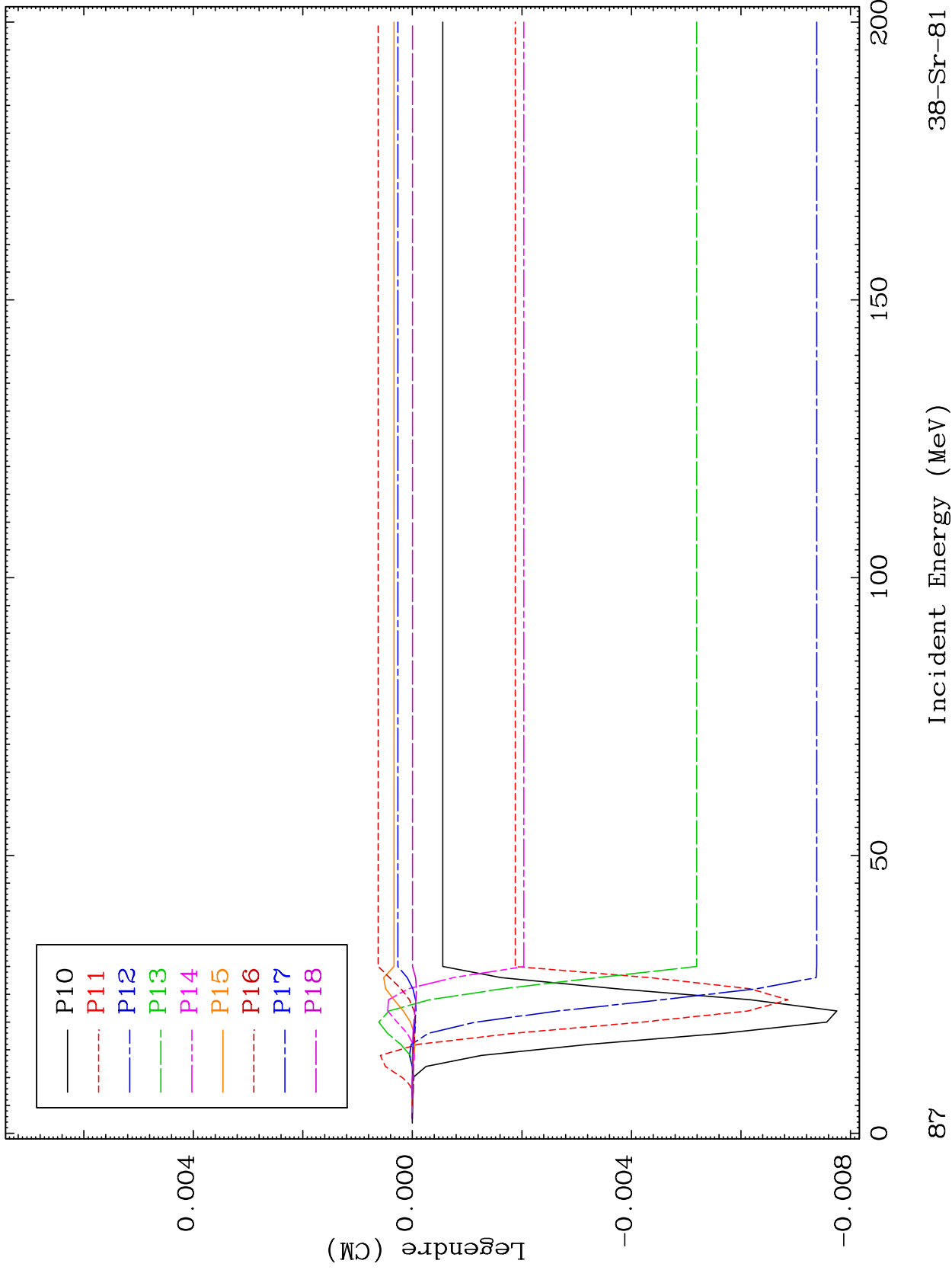




MAT 3816

810.7 keV (n,n') Level
Legendre Coefficients

38-Sr-81



87

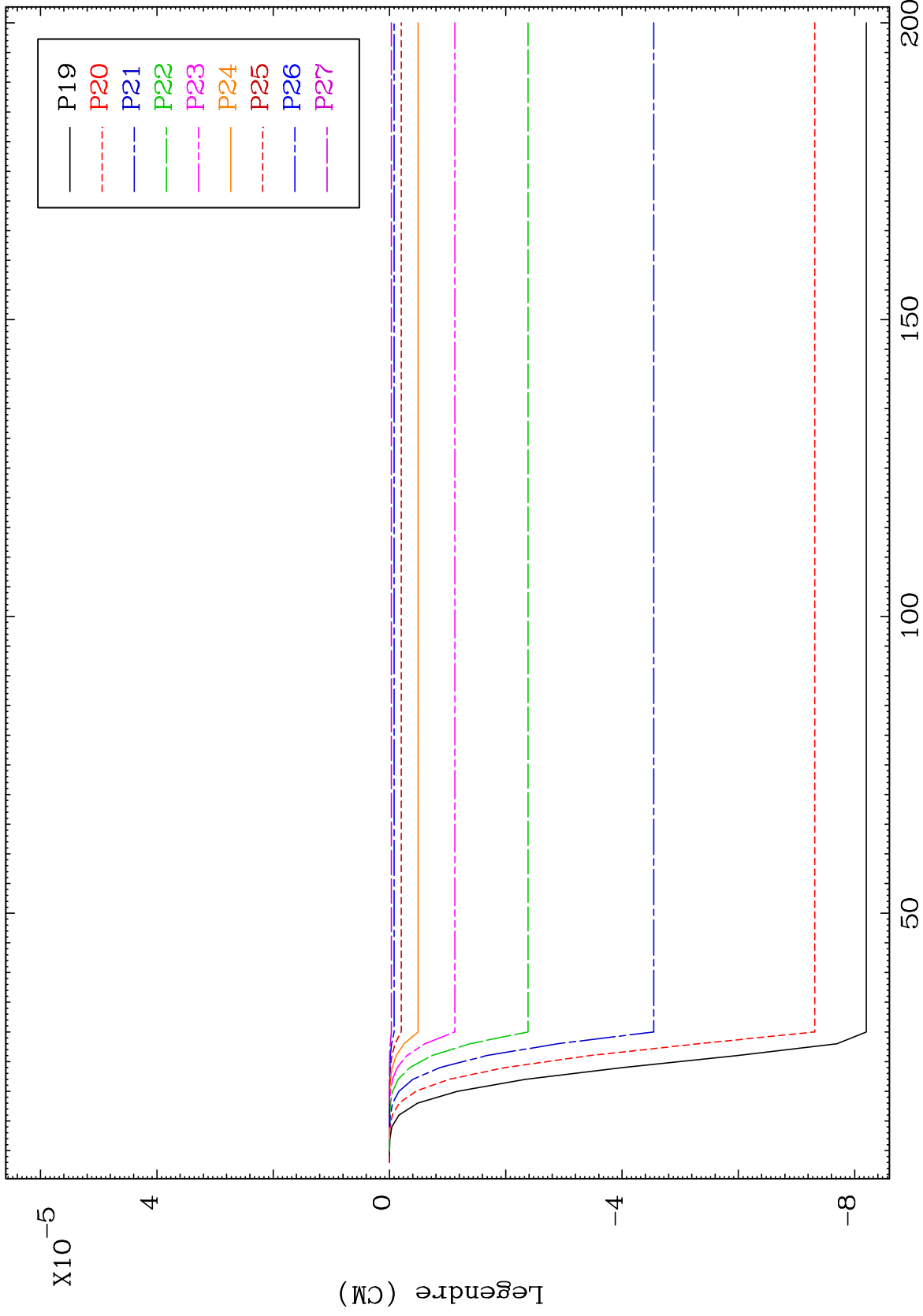
Incident Energy (MeV)

38-Sr-81

MAT 3816

810.7 keV (n,n') Level
Legendre Coefficients

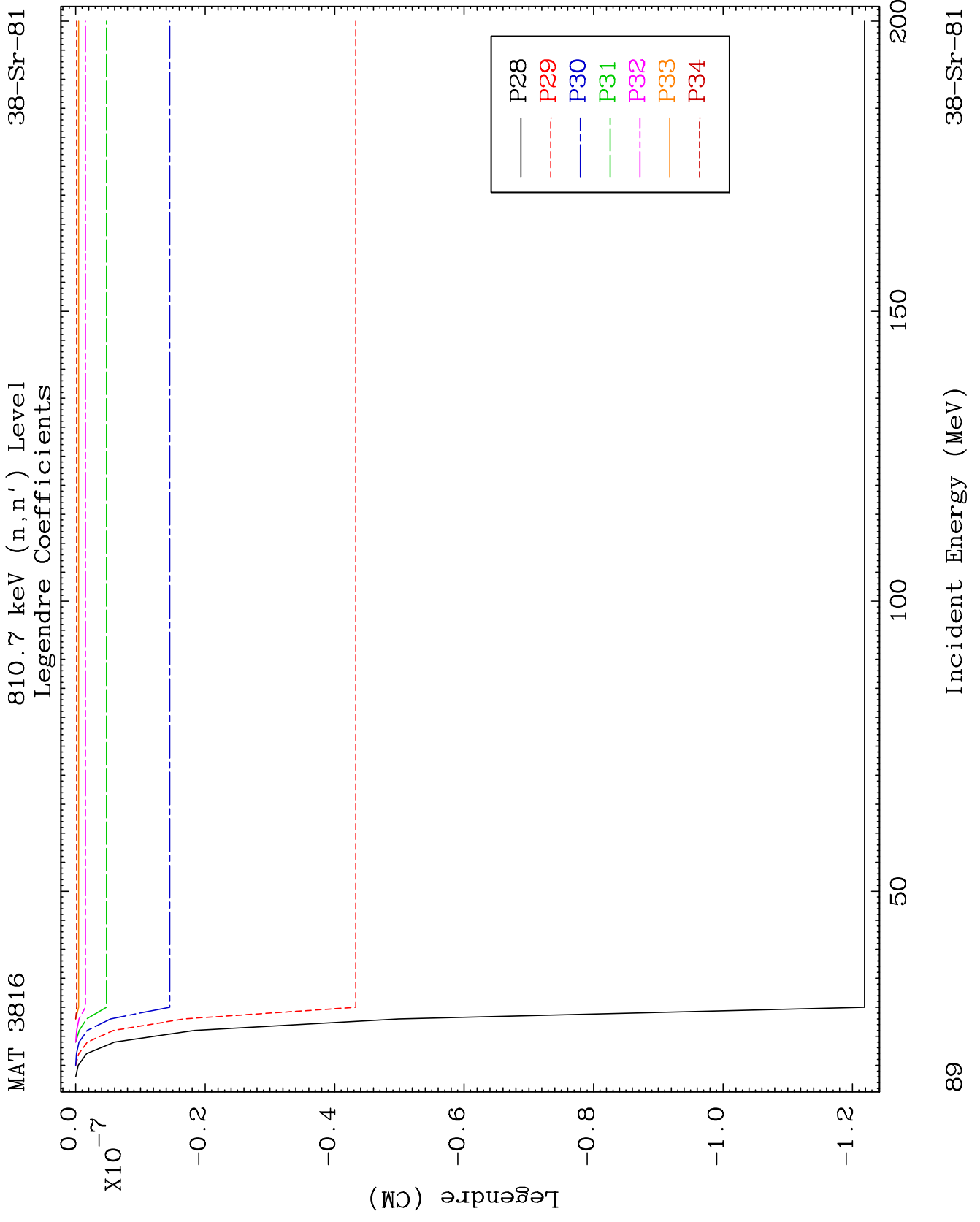
38-Sr-81



88

Incident Energy (MeV)

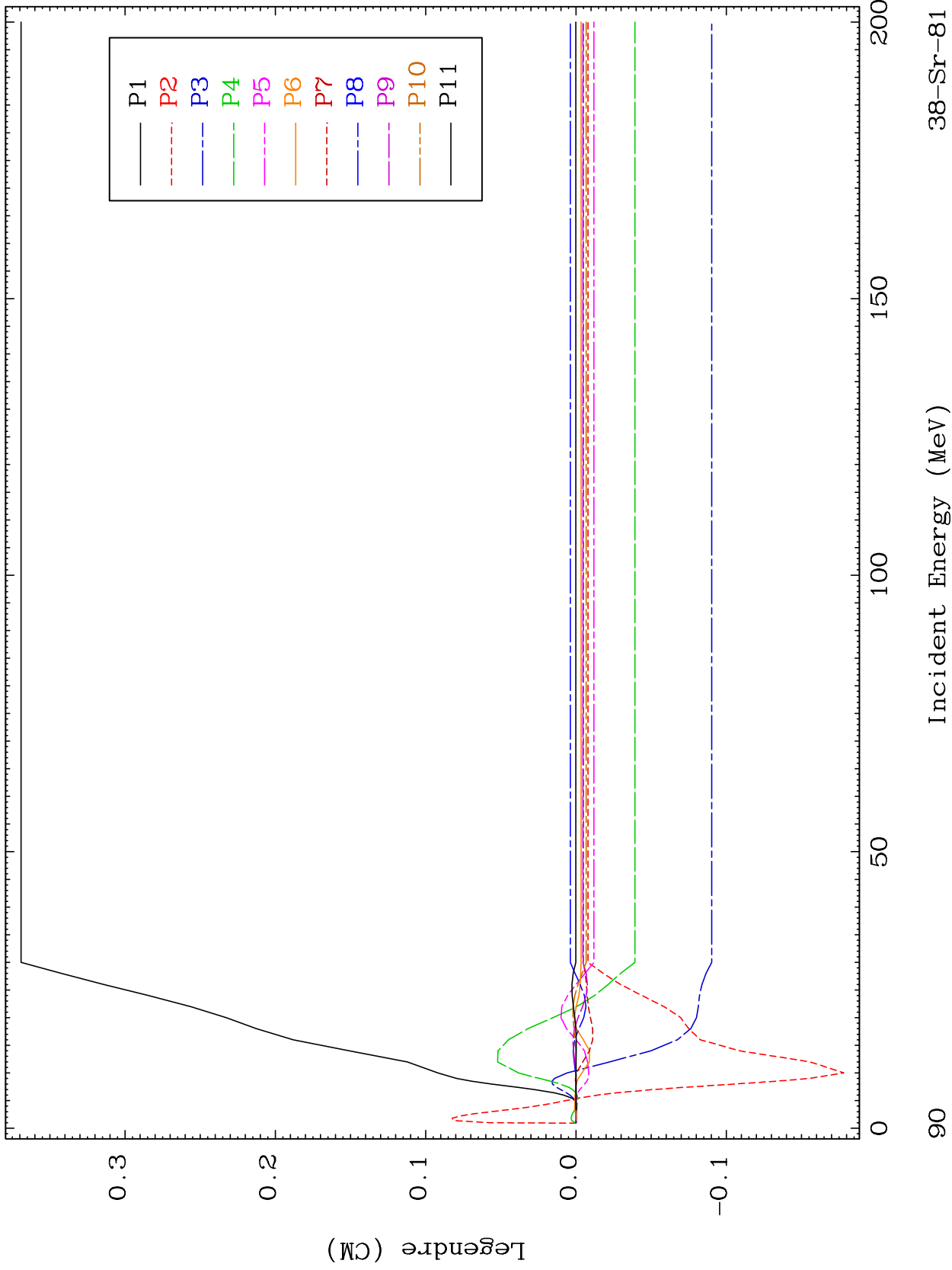
38-Sr-81



MAT 3816

904.6 keV (n,n') Level
Legendre Coefficients

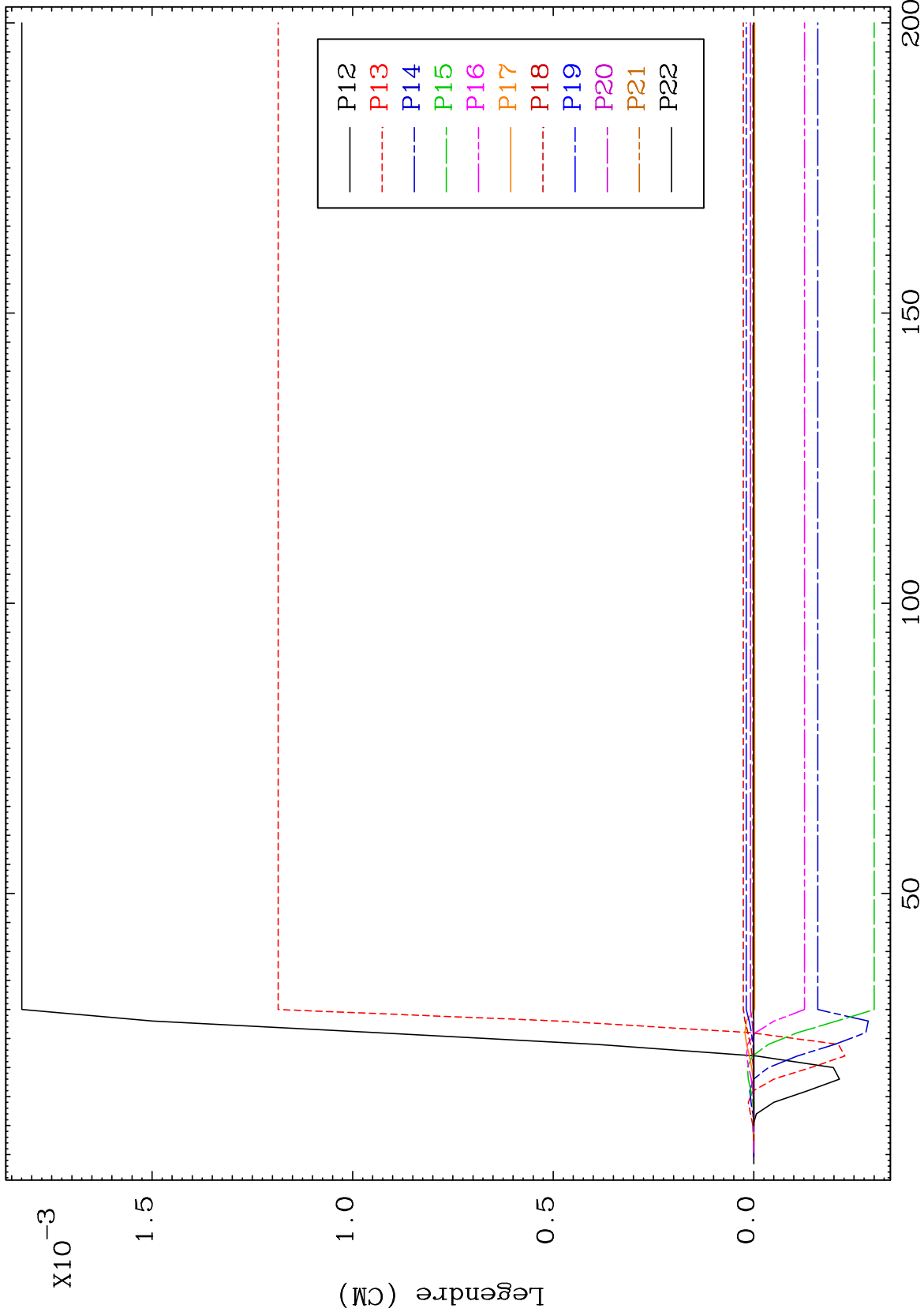
38-Sr-81



38-Sr-81

Incident Energy (MeV)

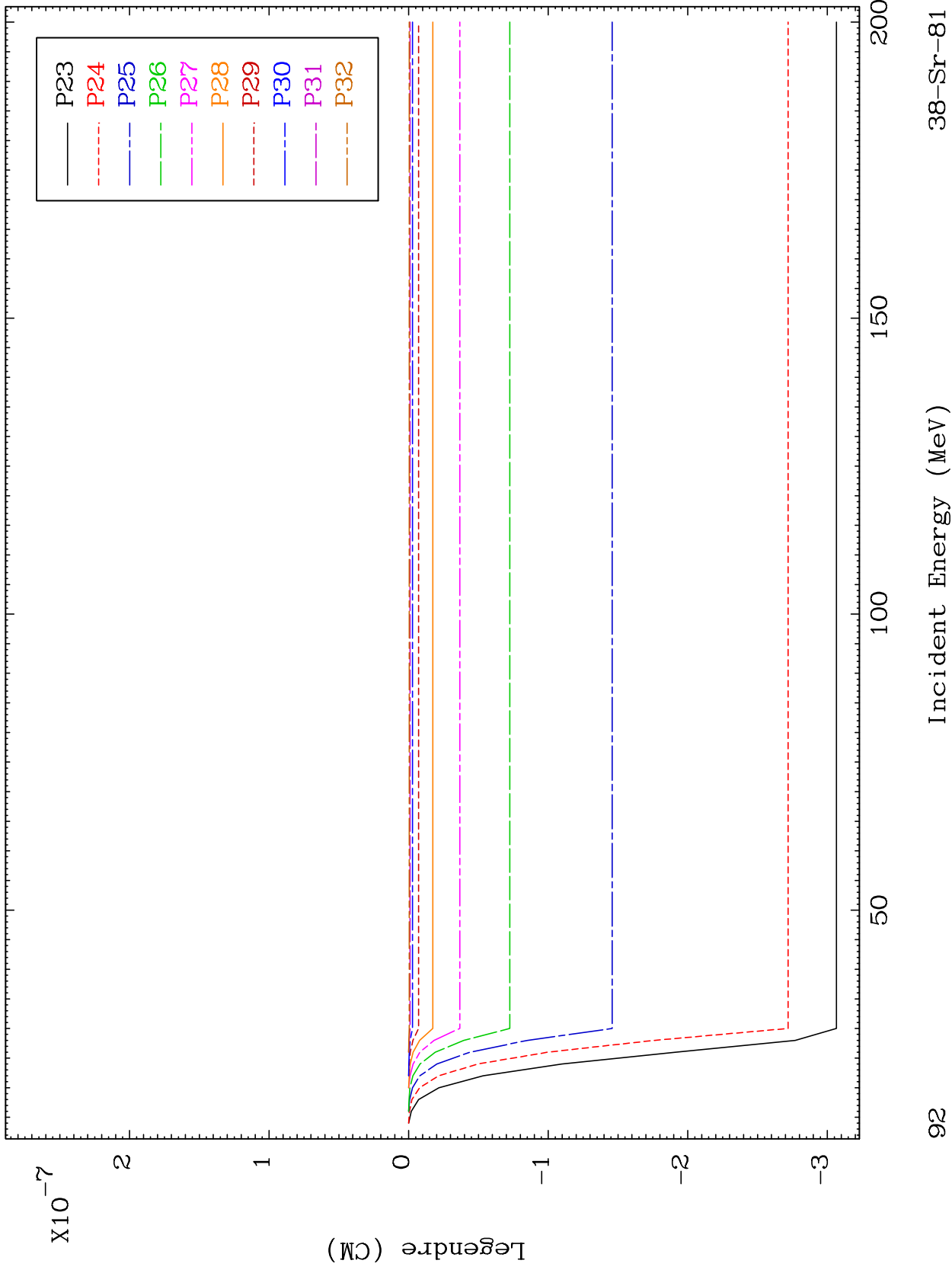
90



MAT 3816

904.6 keV (n,n') Level
Legendre Coefficients

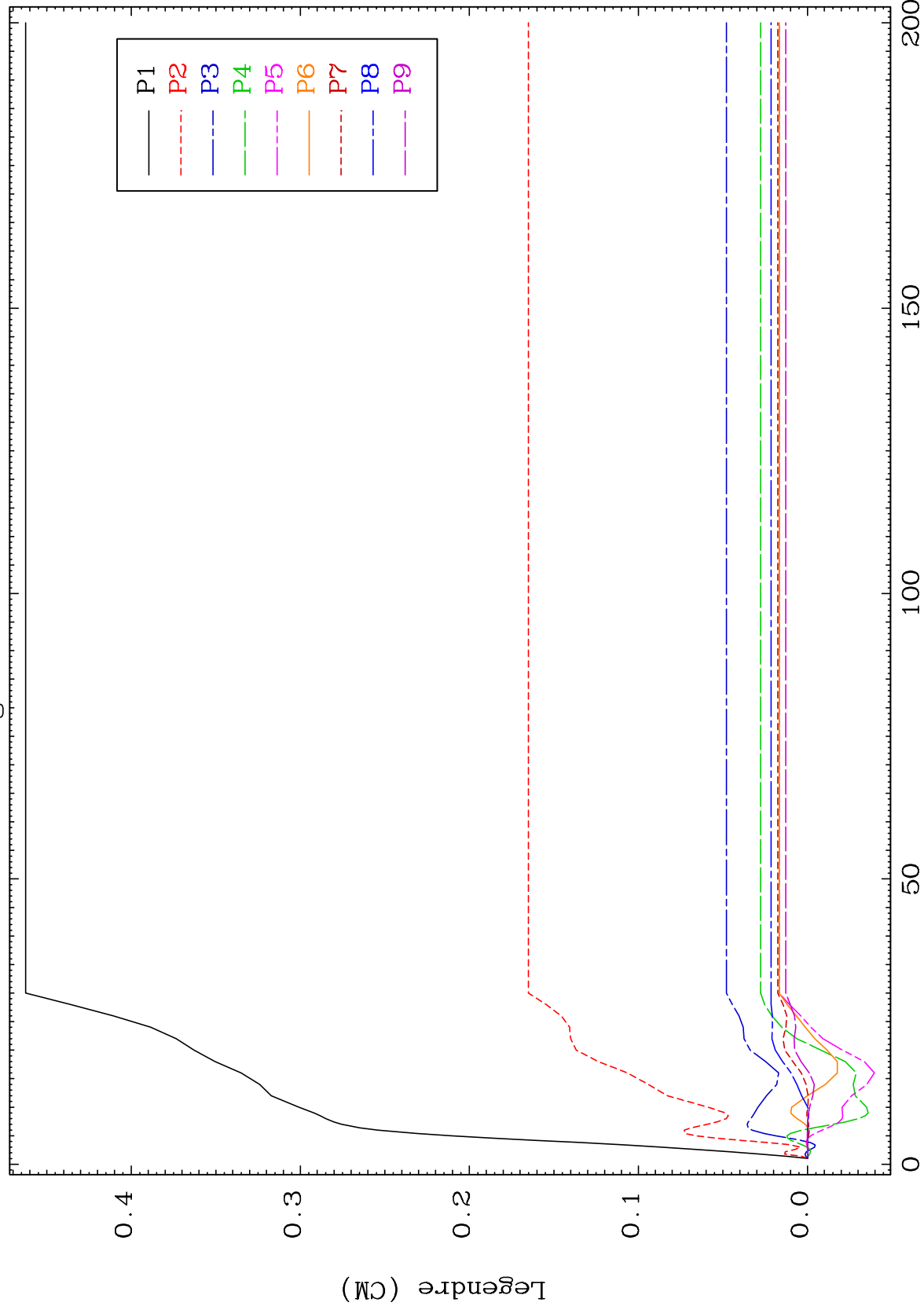
38-Sr-81



MAT 3816

1.000 MeV (n,n') Level
Legendre Coefficients

38-Sr-81



93

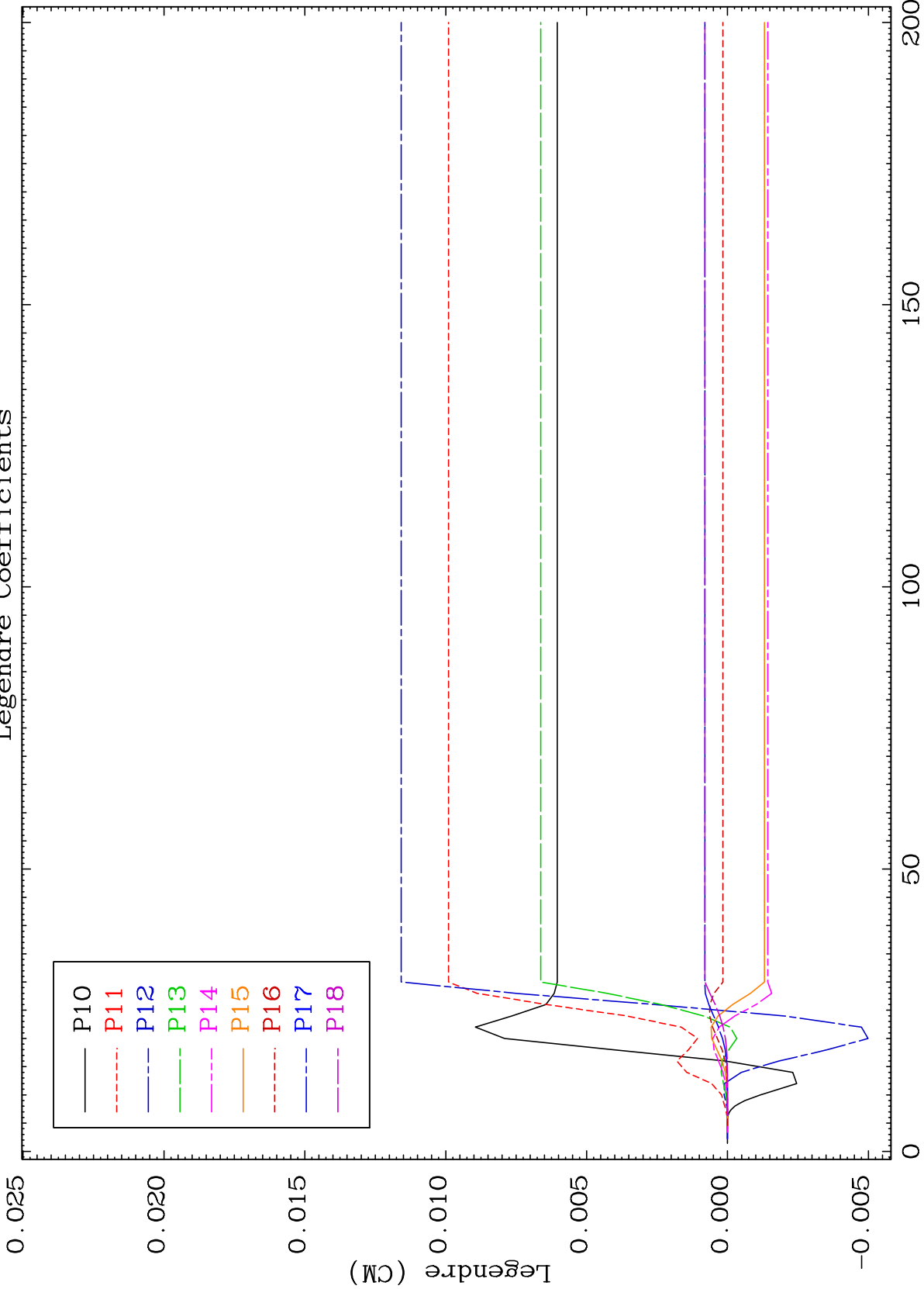
Incident Energy (MeV)

38-Sr-81

MAT 3816

1.000 MeV (n,n') Level
Legendre Coefficients

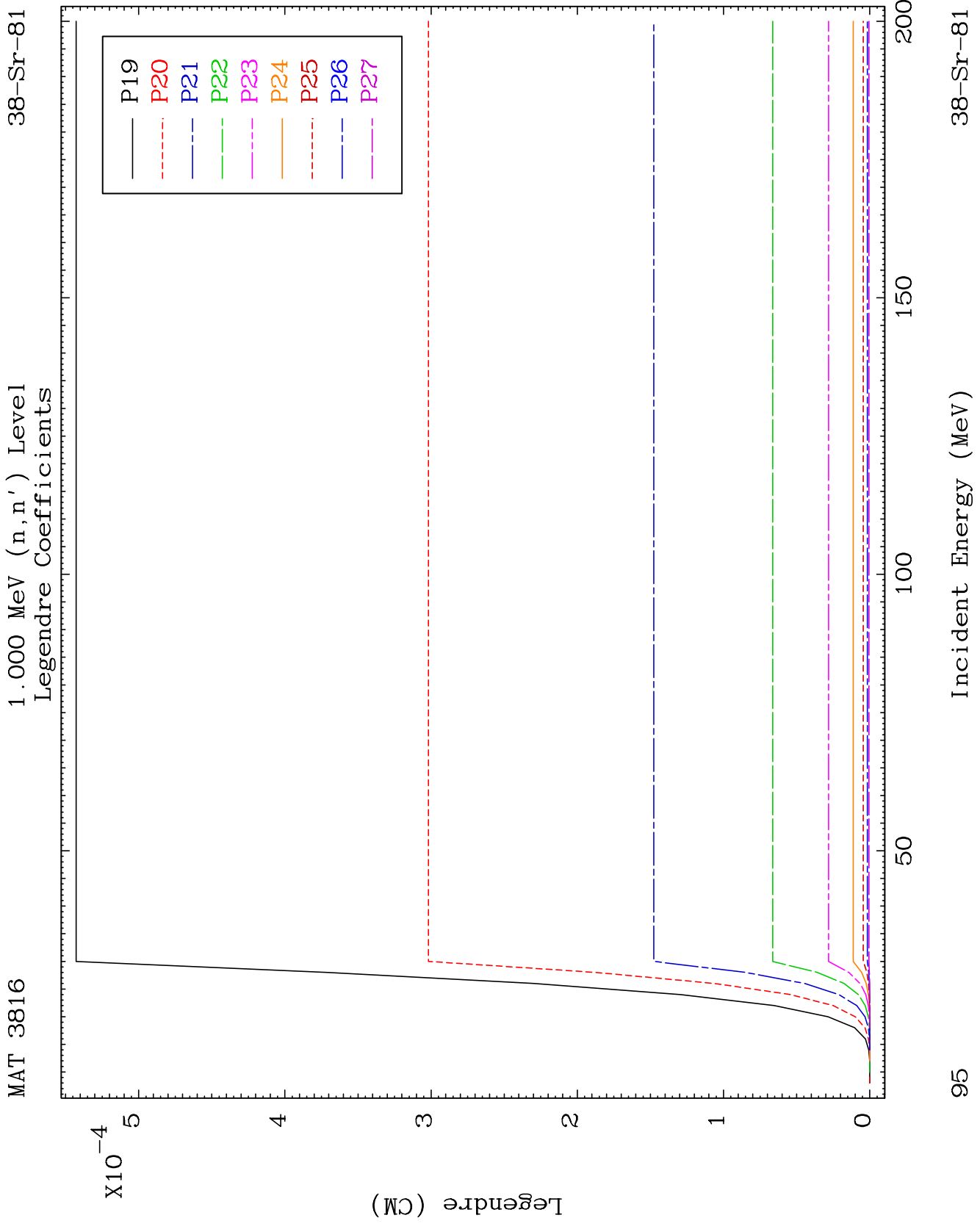
38-Sr-81



94

Incident Energy (MeV)

38-Sr-81

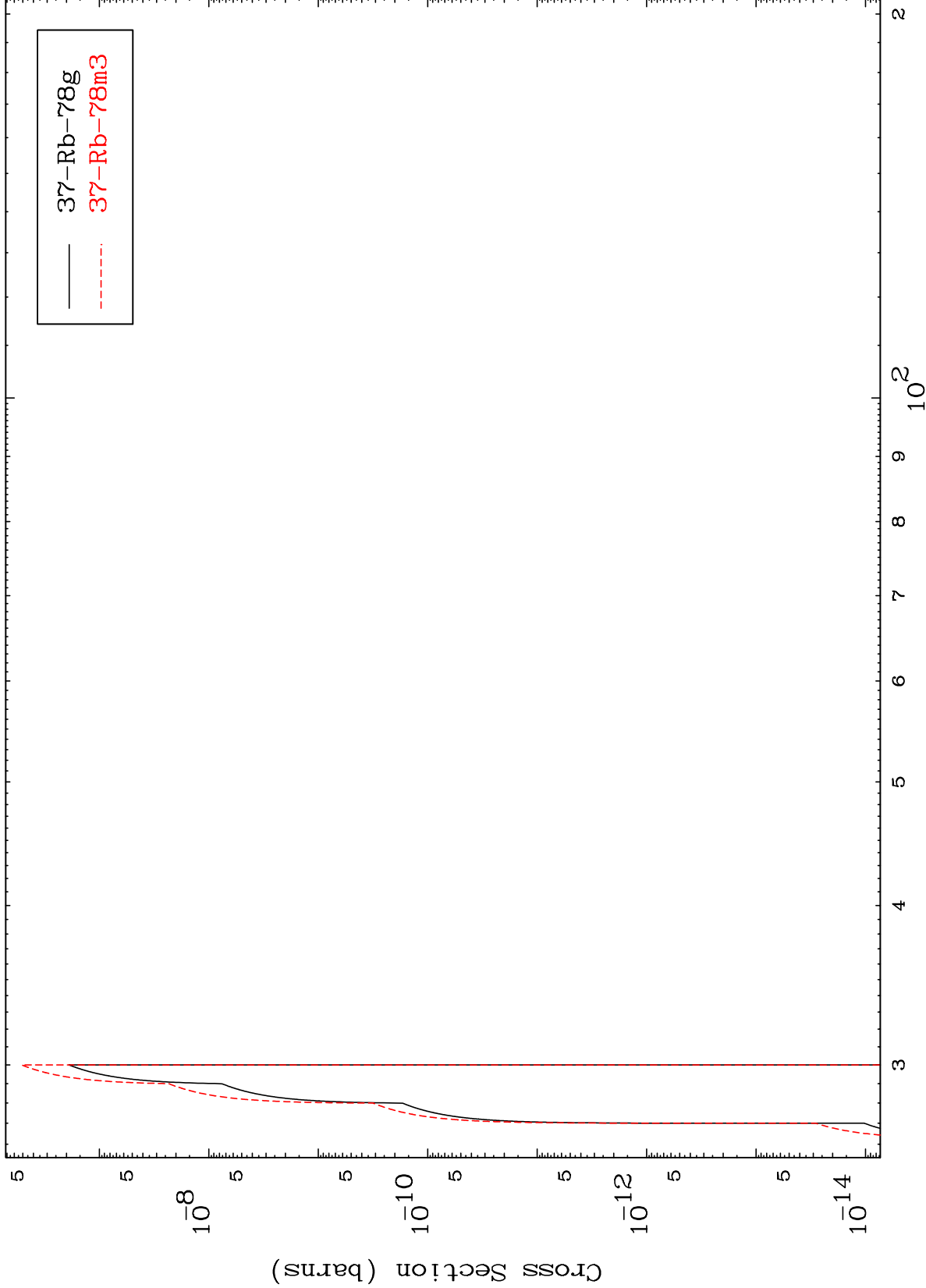


MAT 3816

(n,2n) d

38-Sr-81

Radionuclide Production Cross Section



97

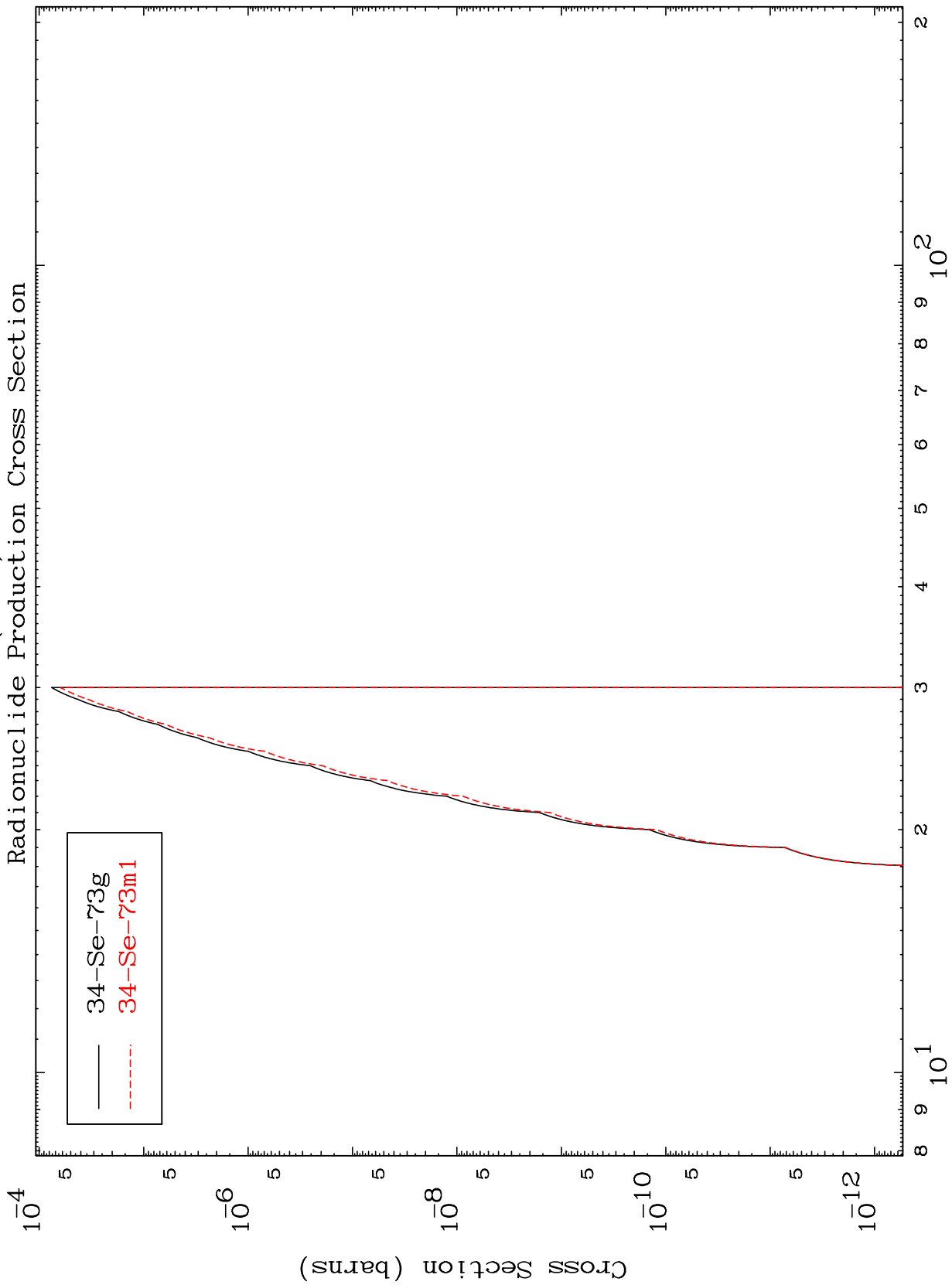
Incident Energy (MeV)

38-Sr-81

MAT 3816

38-Sr-81

(n,n') 2α
Radionuclide Production Cross Section



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

98

Incident Energy (MeV)

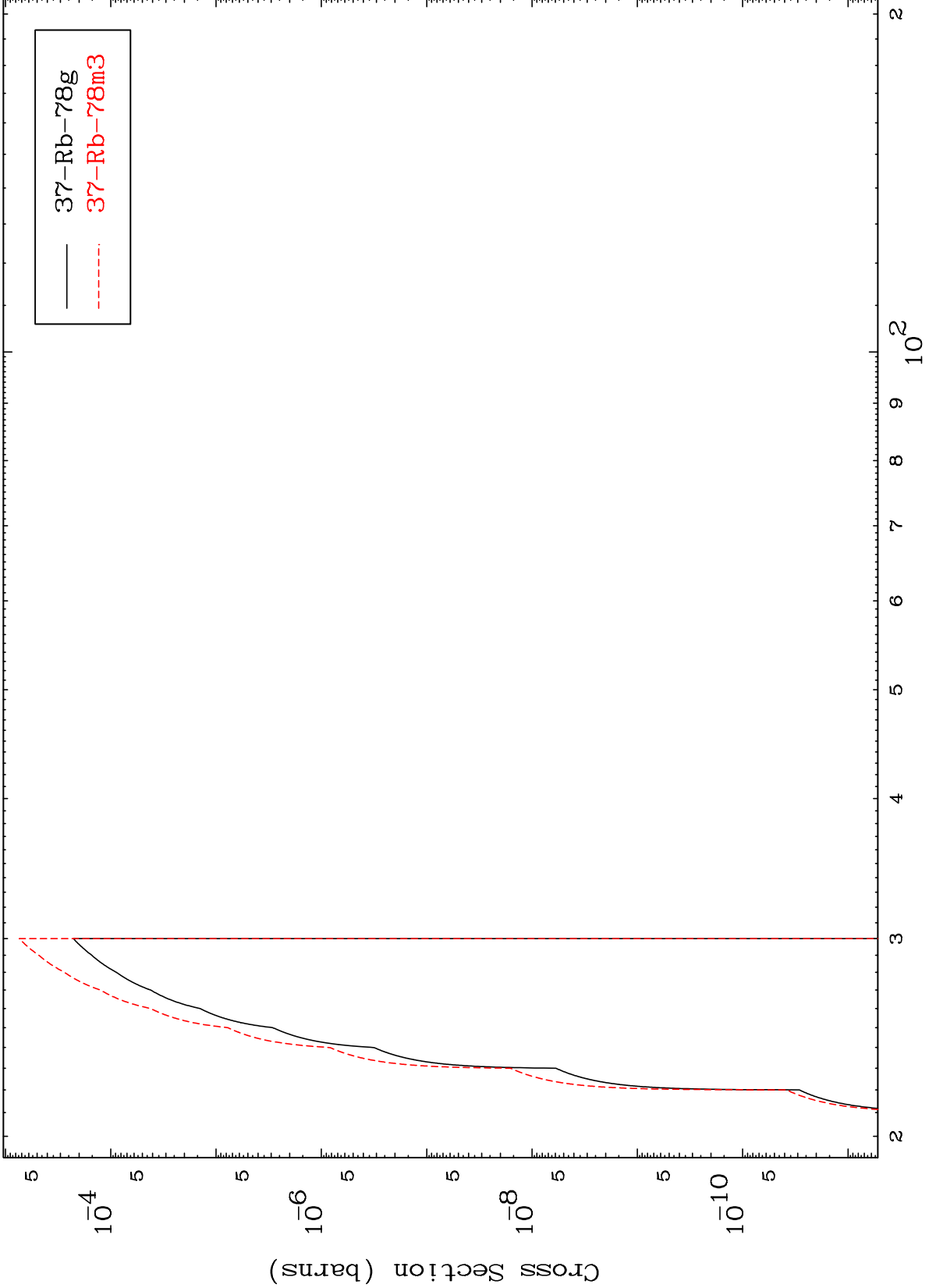
38-Sr-81

MAT 3816

(n,n') t

38-Sr-81

Radionuclide Production Cross Section



99

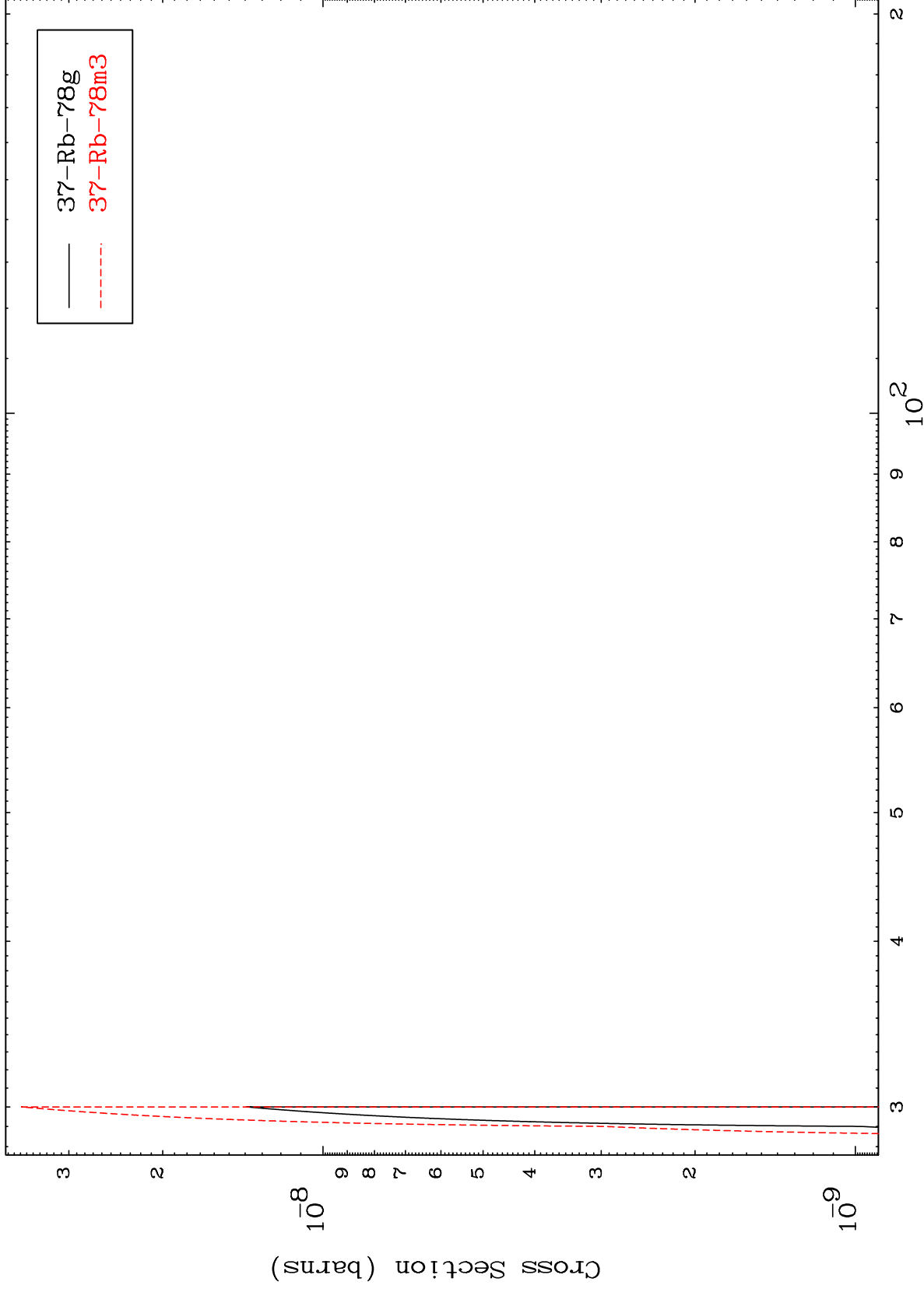
Incident Energy (MeV)

38-Sr-81

MAT 3816

38-Sr-81

(n,3n) p
Radionuclide Production Cross Section



38-Sr-81

Incident Energy (MeV)

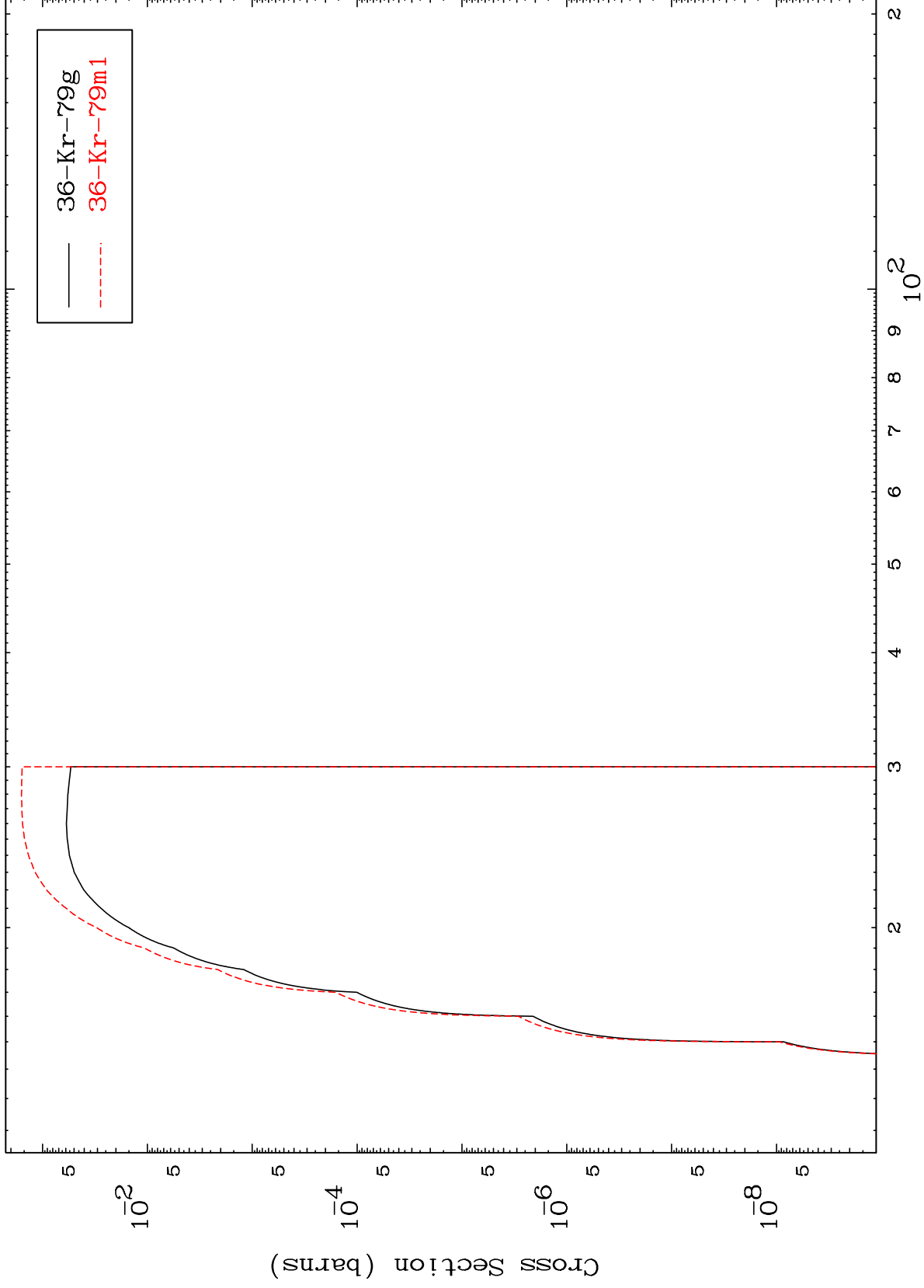
100

MAT 3816

(n,2n) p

38-Sr-81

Radionuclide Production Cross Section

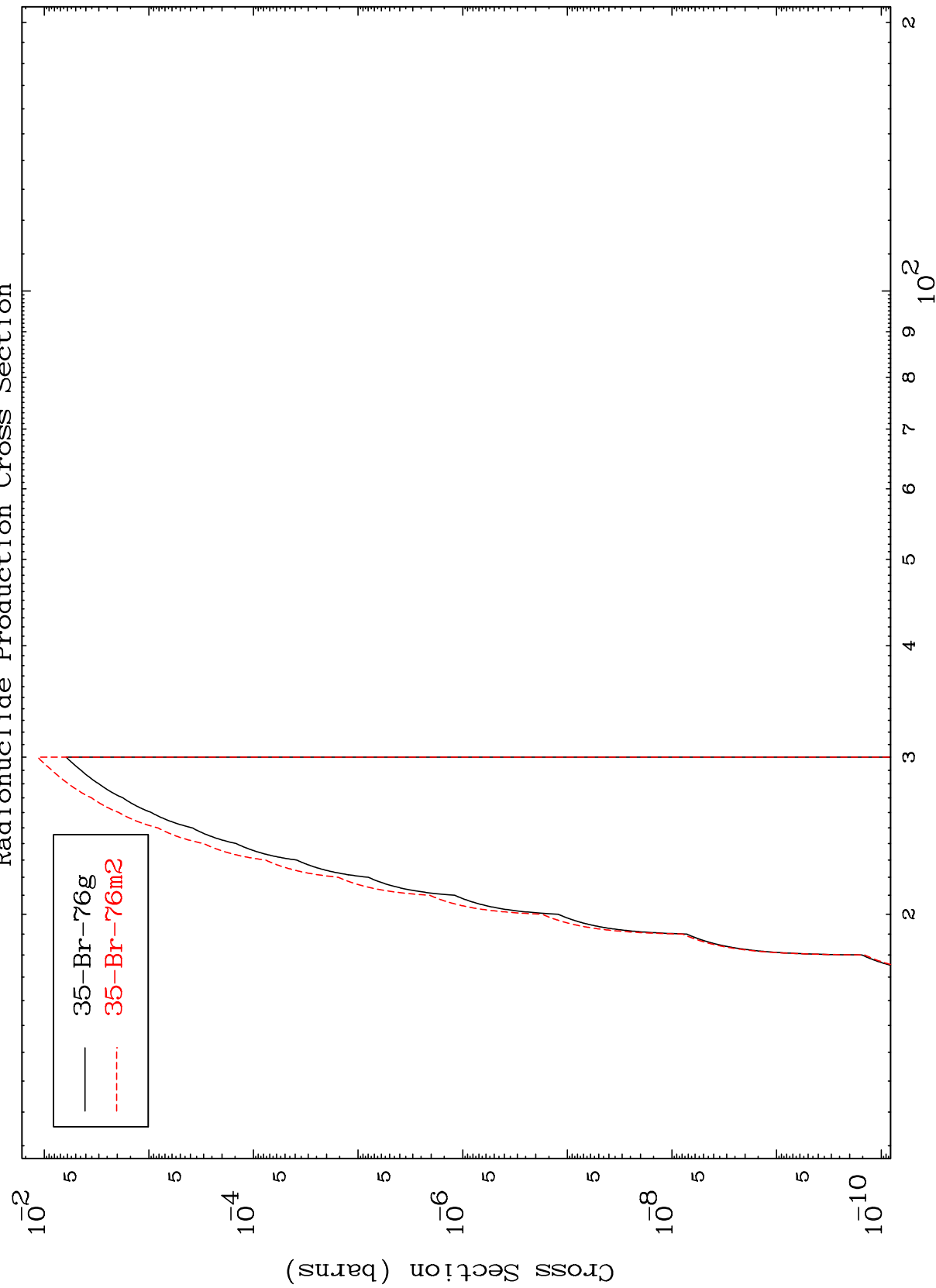


101

Incident Energy (MeV)

38-Sr-81

(n,n') p α
Radionuclide Production Cross Section

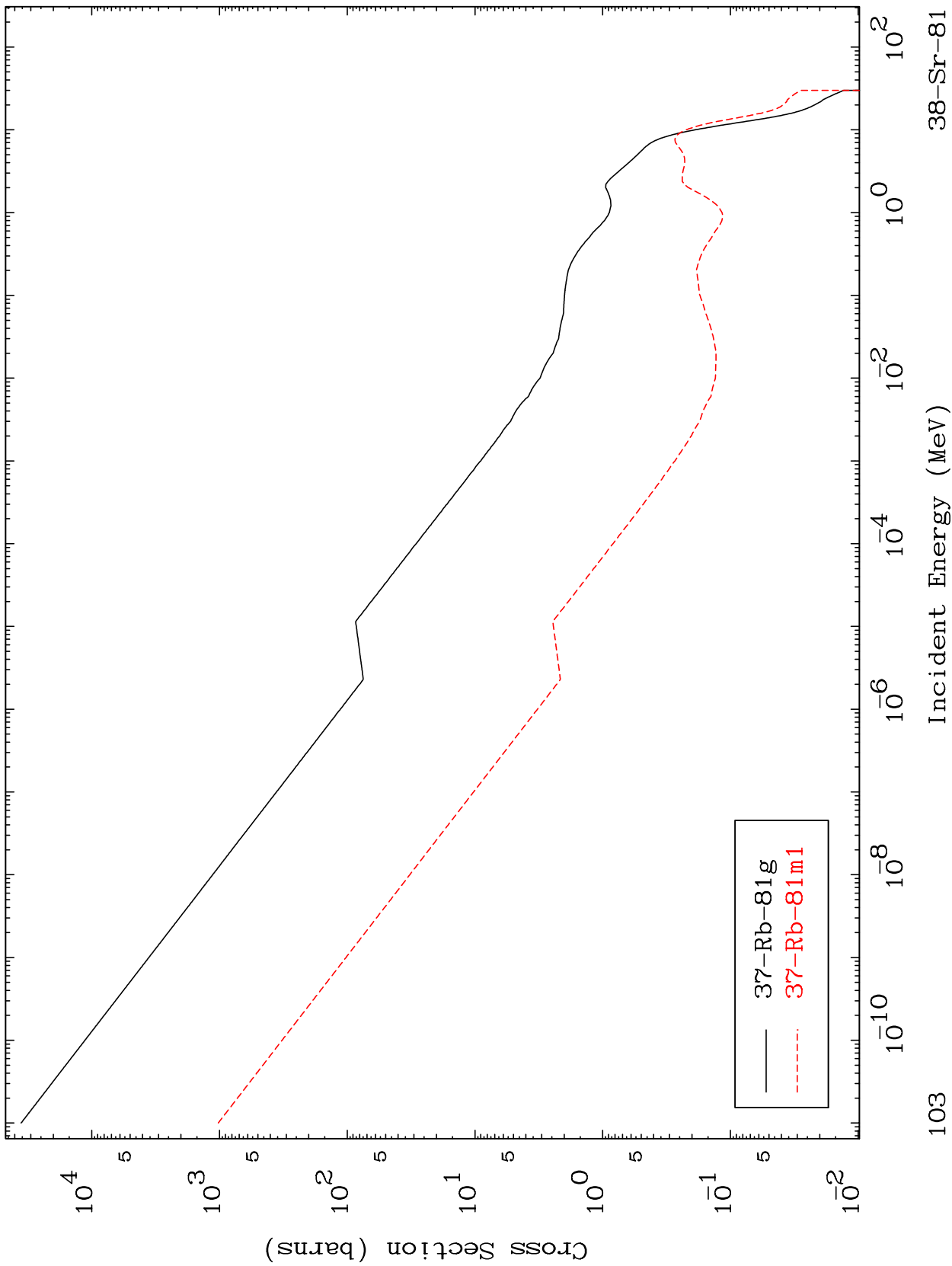


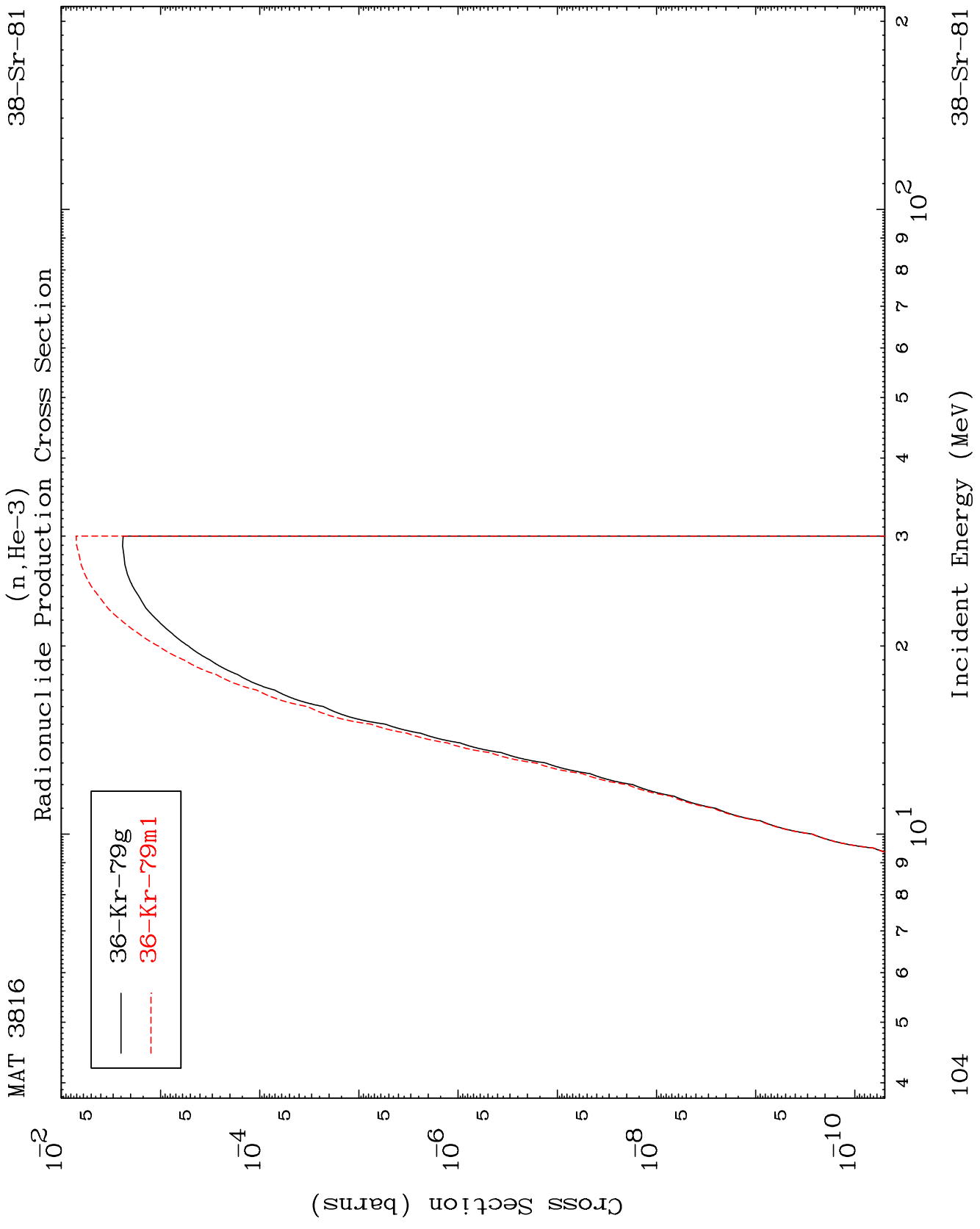
Incident Energy (MeV)

MAT 3816

38-Sr-81

(n,p)
Radionuclide Production Cross Section



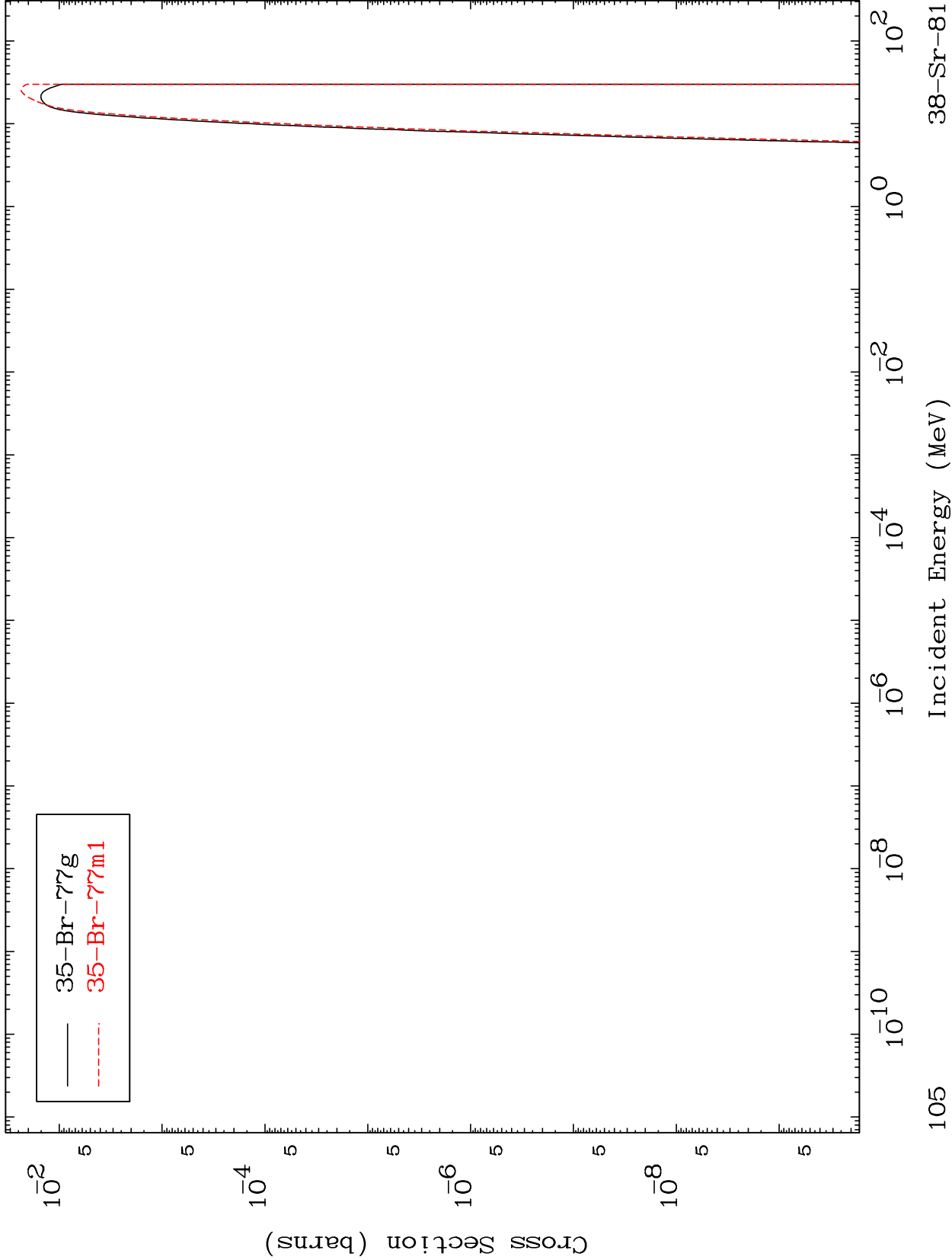


MAT 3816

$(n,p) \alpha$

$^{38}\text{Sr-81}$

Radionuclide Production Cross Section

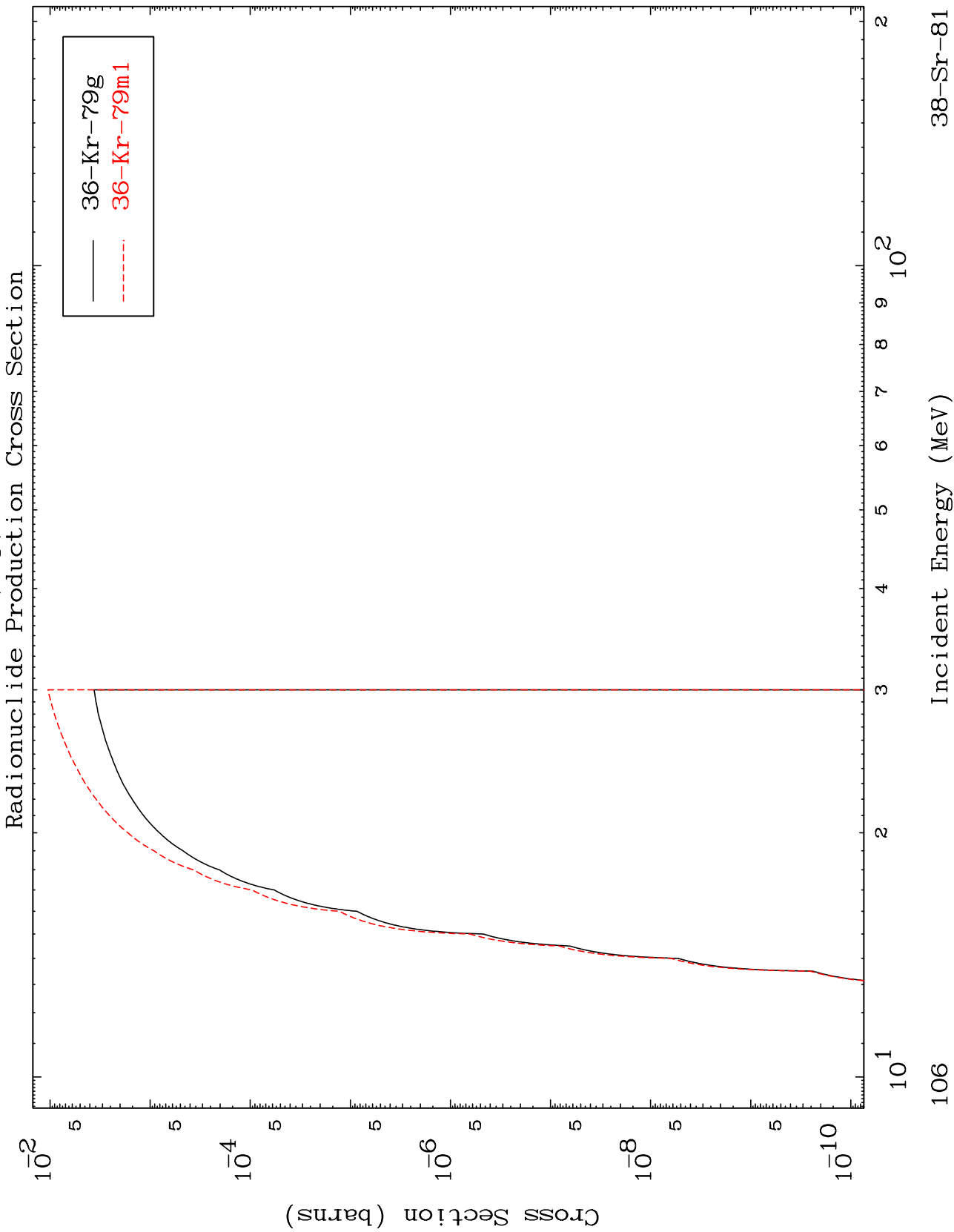


105

MAT 3816

(n,p) d

38-Sr-81



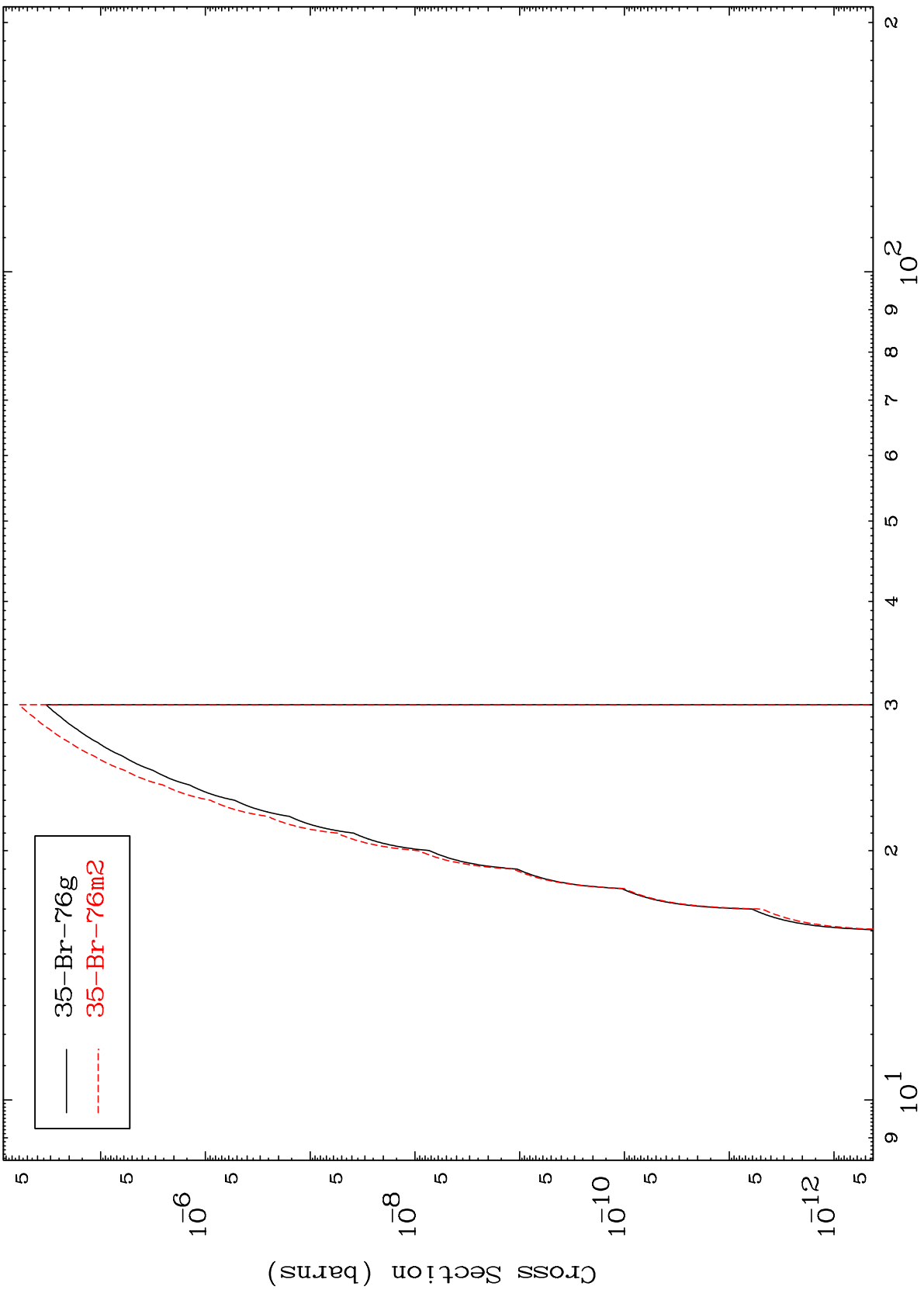
38-Sr-81

MAT 3816

(n,d) α

38-Sr-81

Radionuclide Production Cross Section



107

Incident Energy (MeV)

38-Sr-81