

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

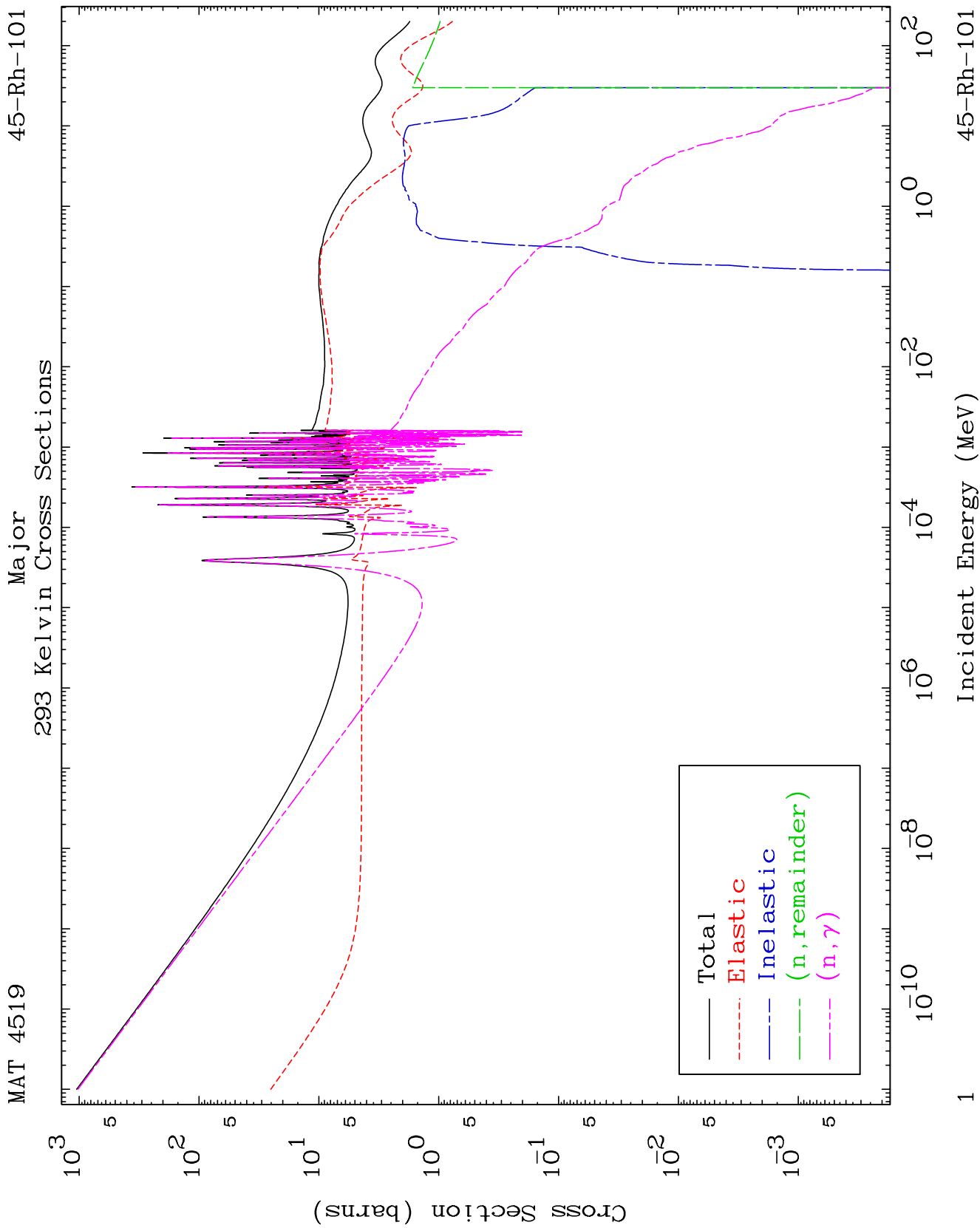
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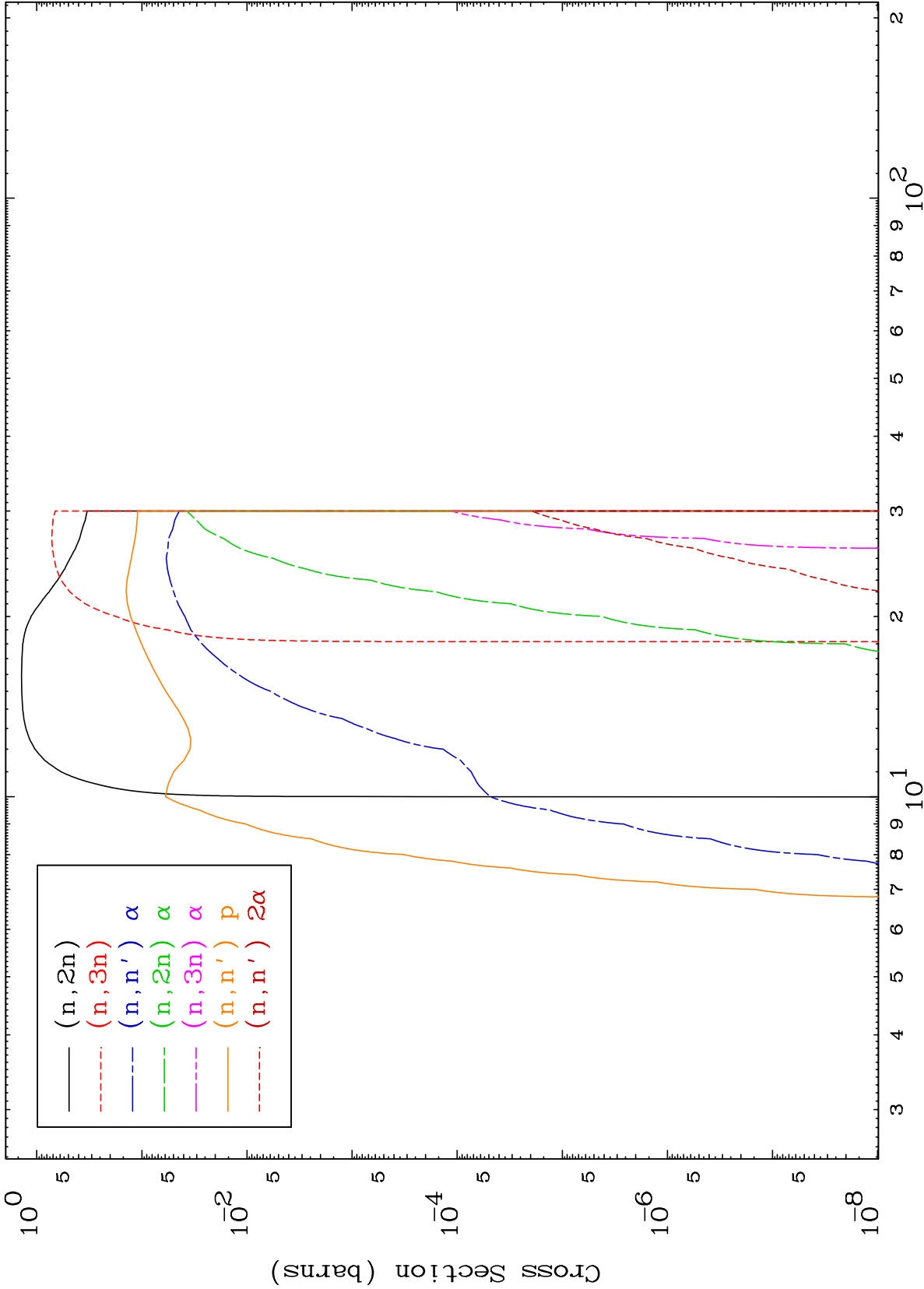
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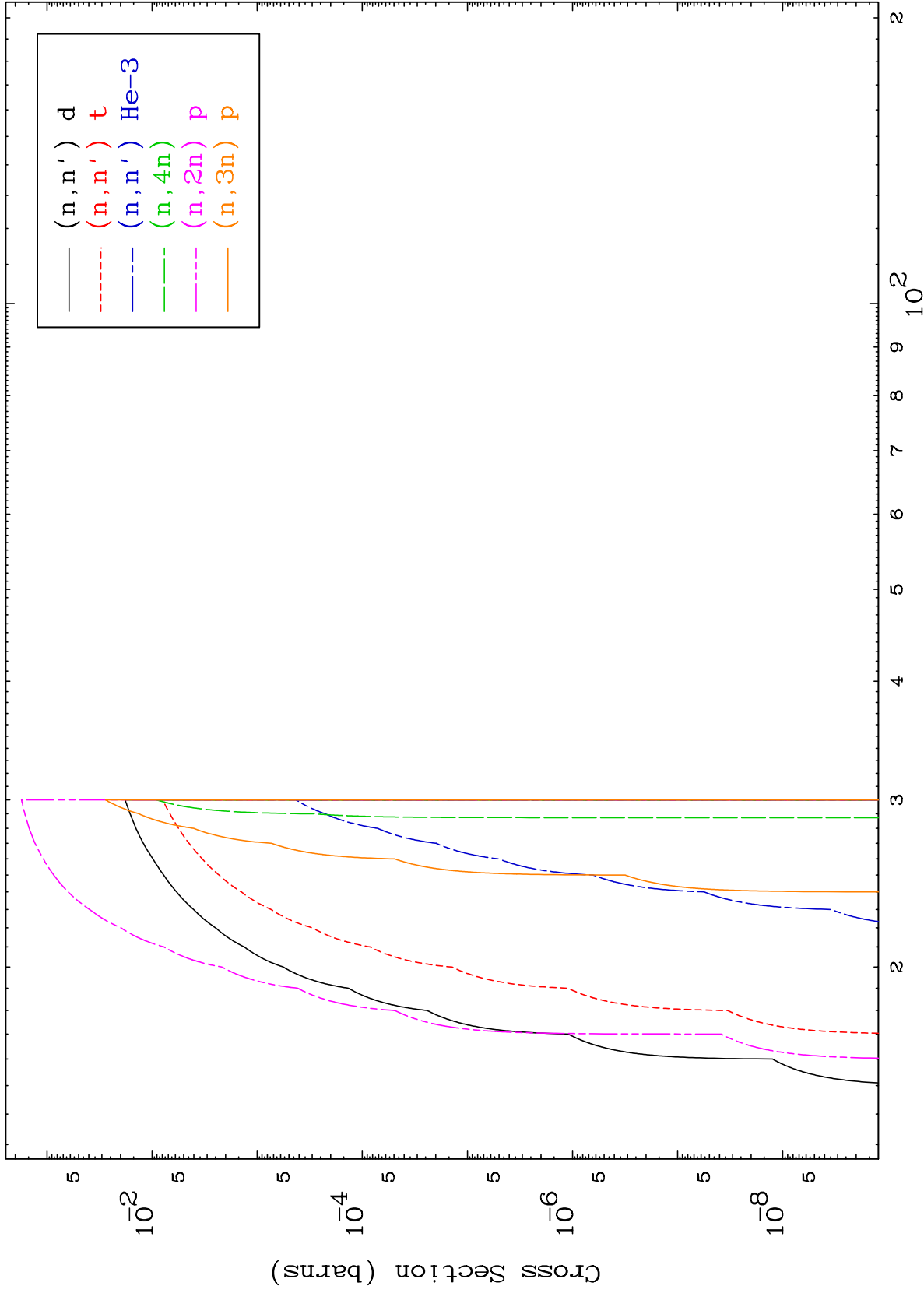


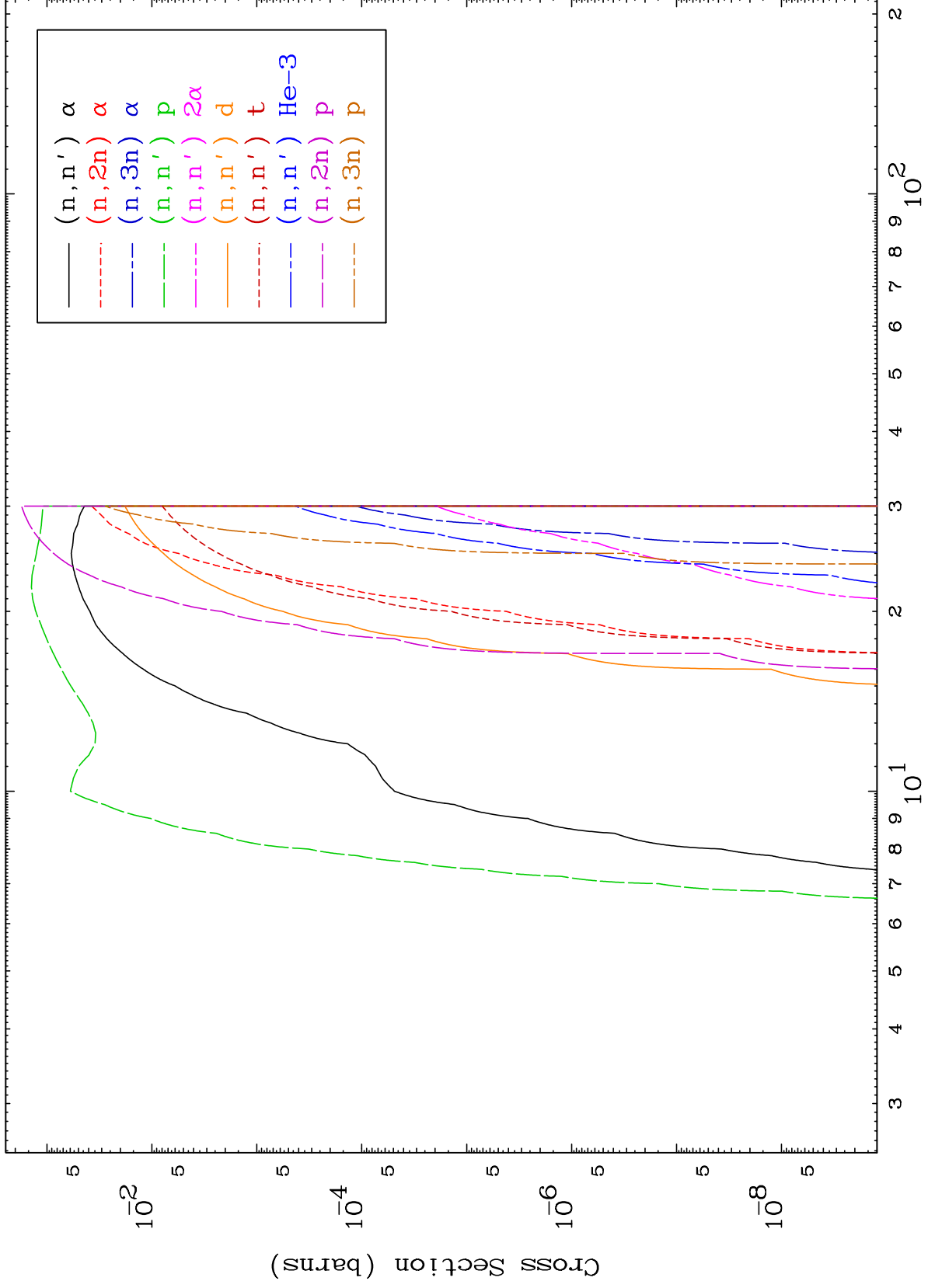
MAT 4519

Neutron Production  
293 Kelvin Cross Sections

45-Rh-101



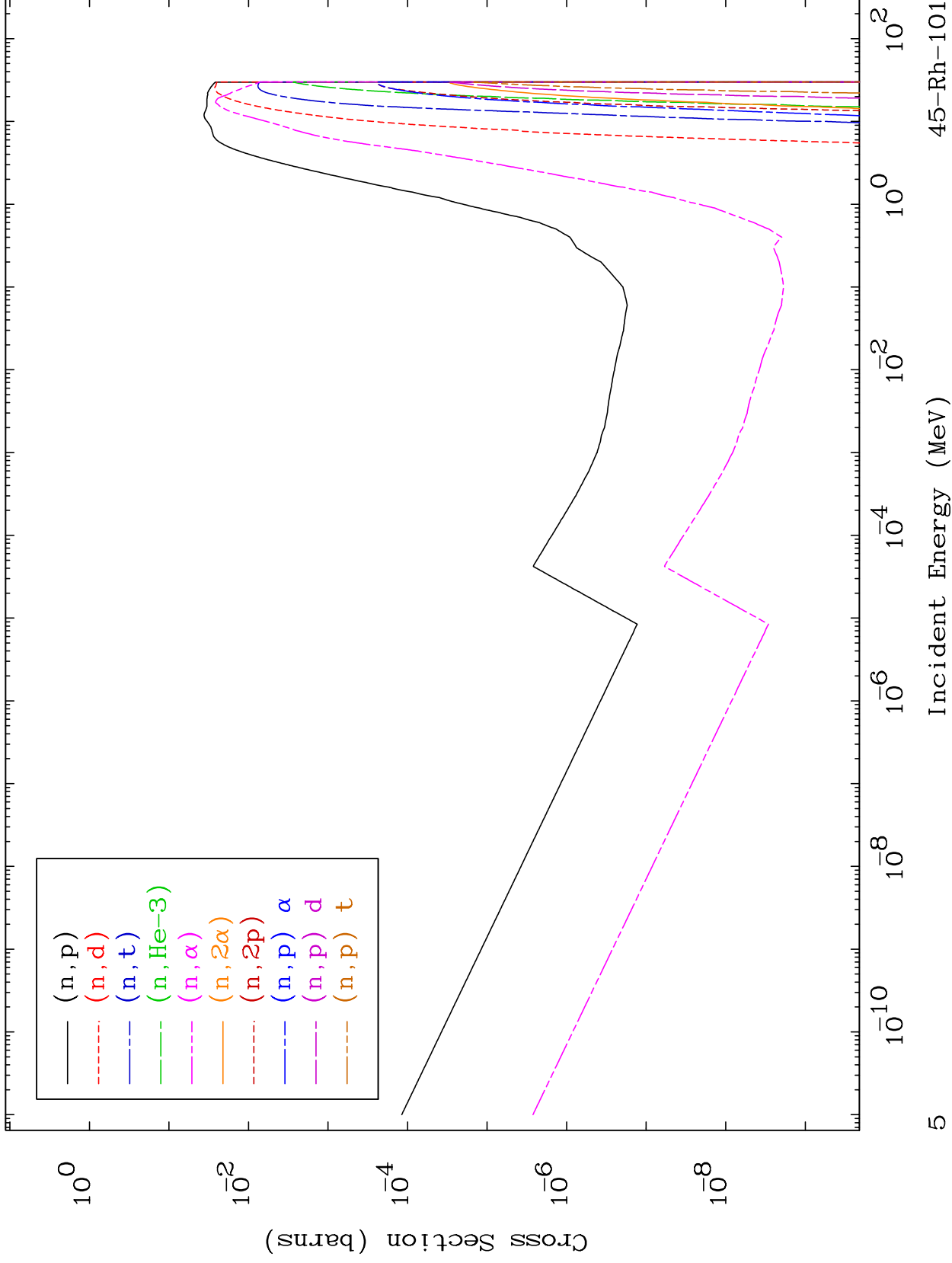




MAT 4519

Charged Particle  
293 Kelvin Cross Sections

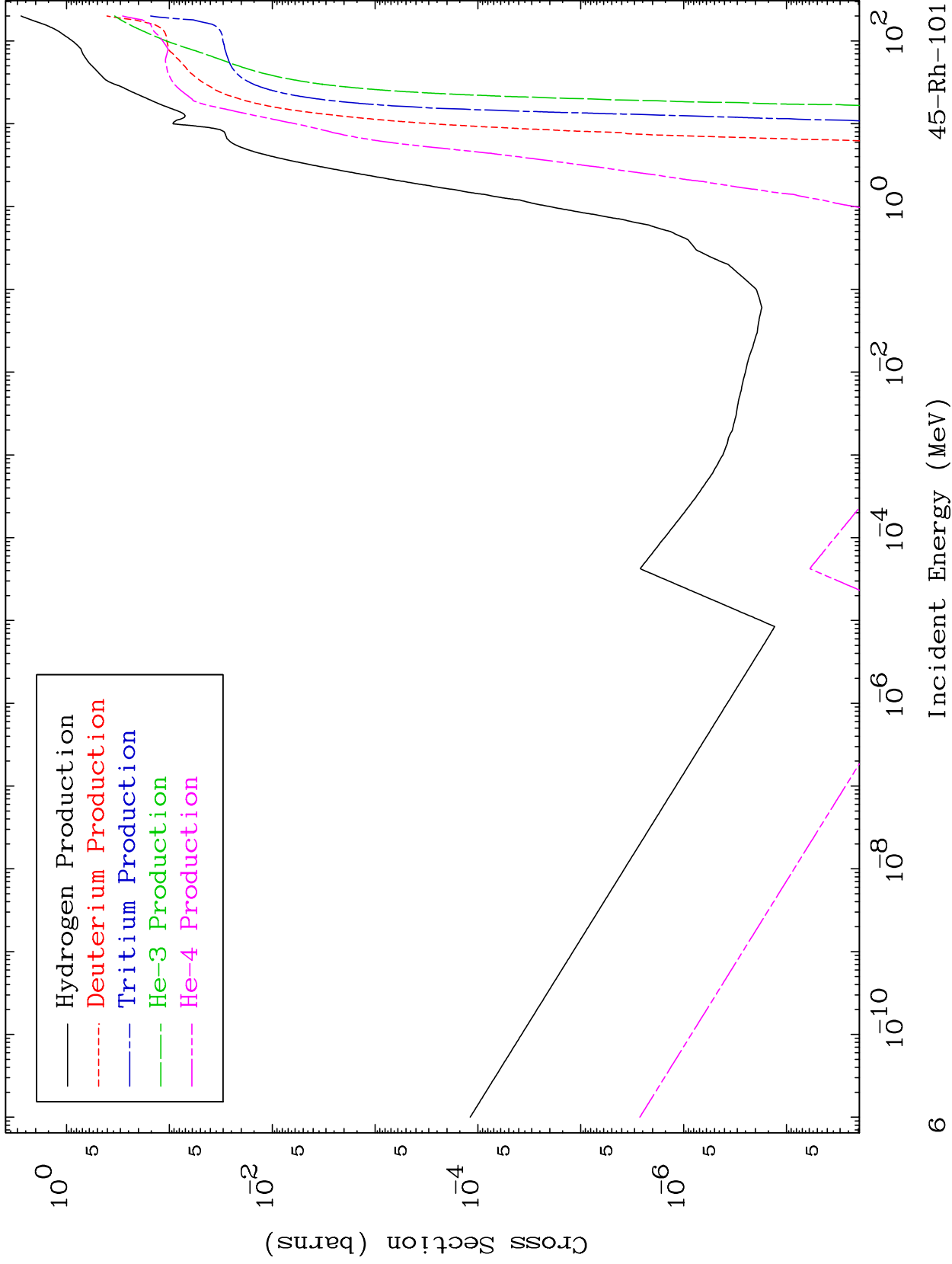
45-Rh-101



MAT 4519

Particle Production  
293 Kelvin Cross Sections

45-Rh-101

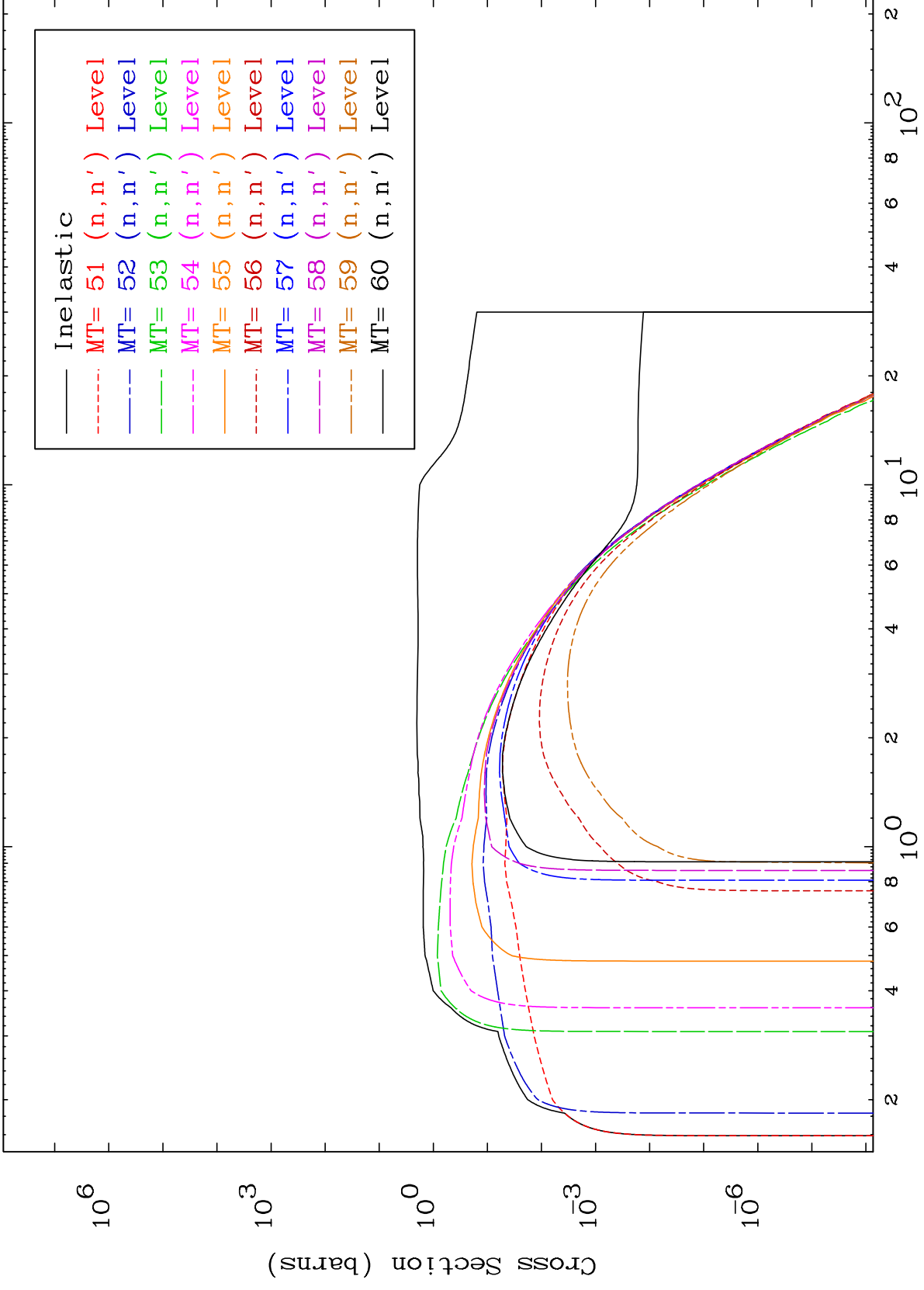


MAT 4519

(n,n') Level

45-Rh-101

293 Kelvin Cross Sections



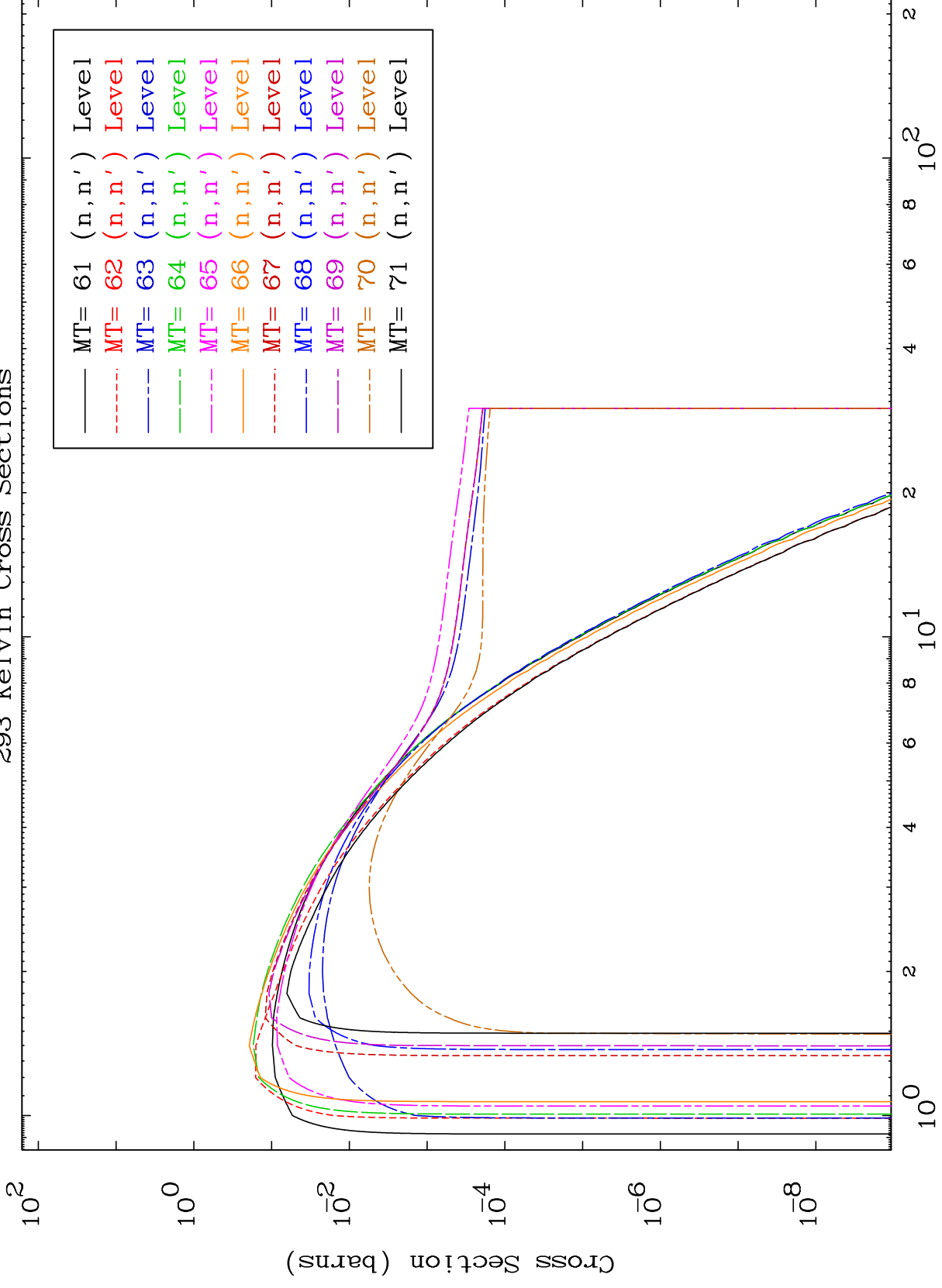


MAT 4519

(n,n') Level

45-Rh-101

293 Kelvin Cross Sections



Incident Energy (MeV)

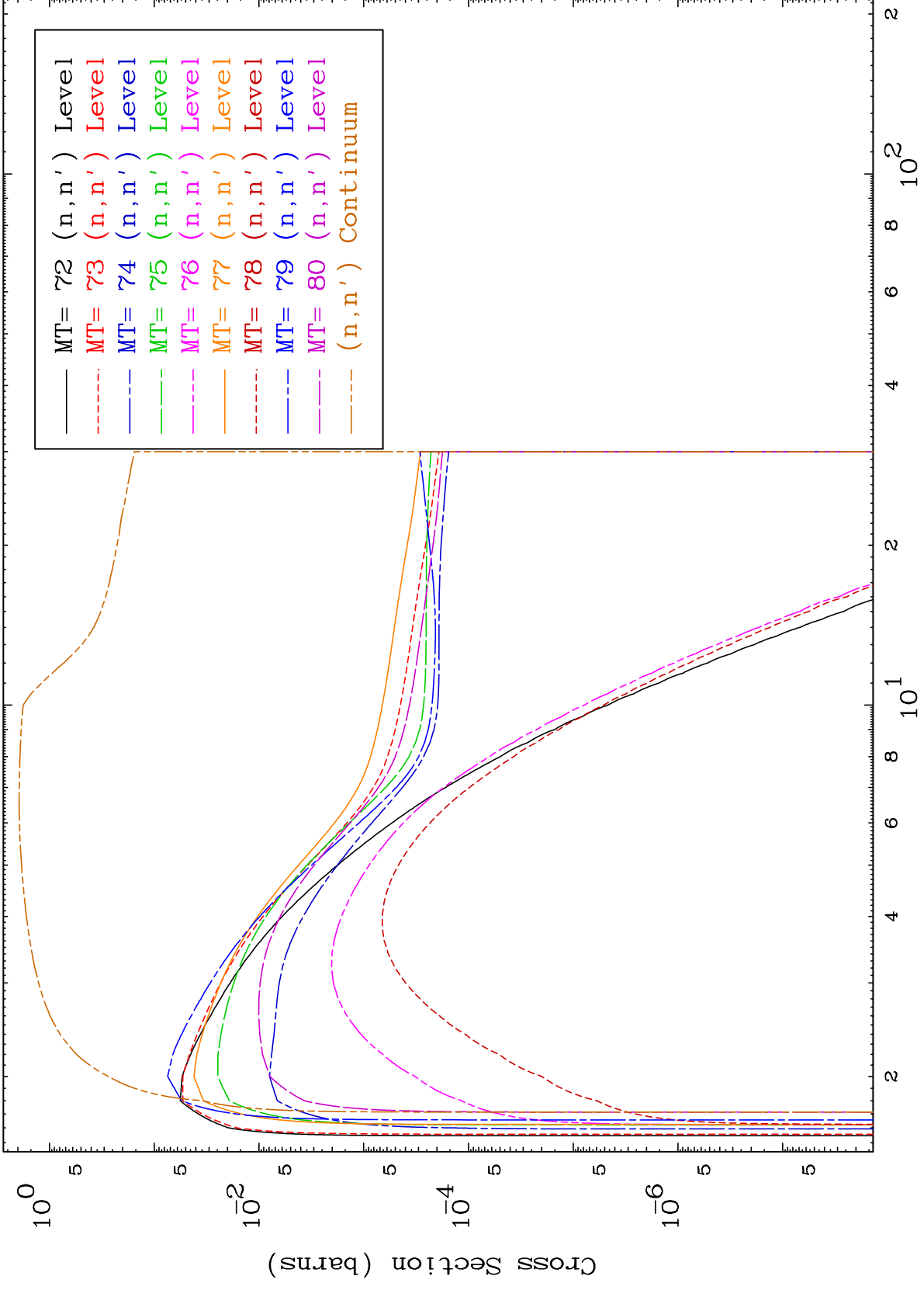
45-Rh-101

MAT 4519

(n,n') Level

45-Rh-101

293 Kelvin Cross Sections



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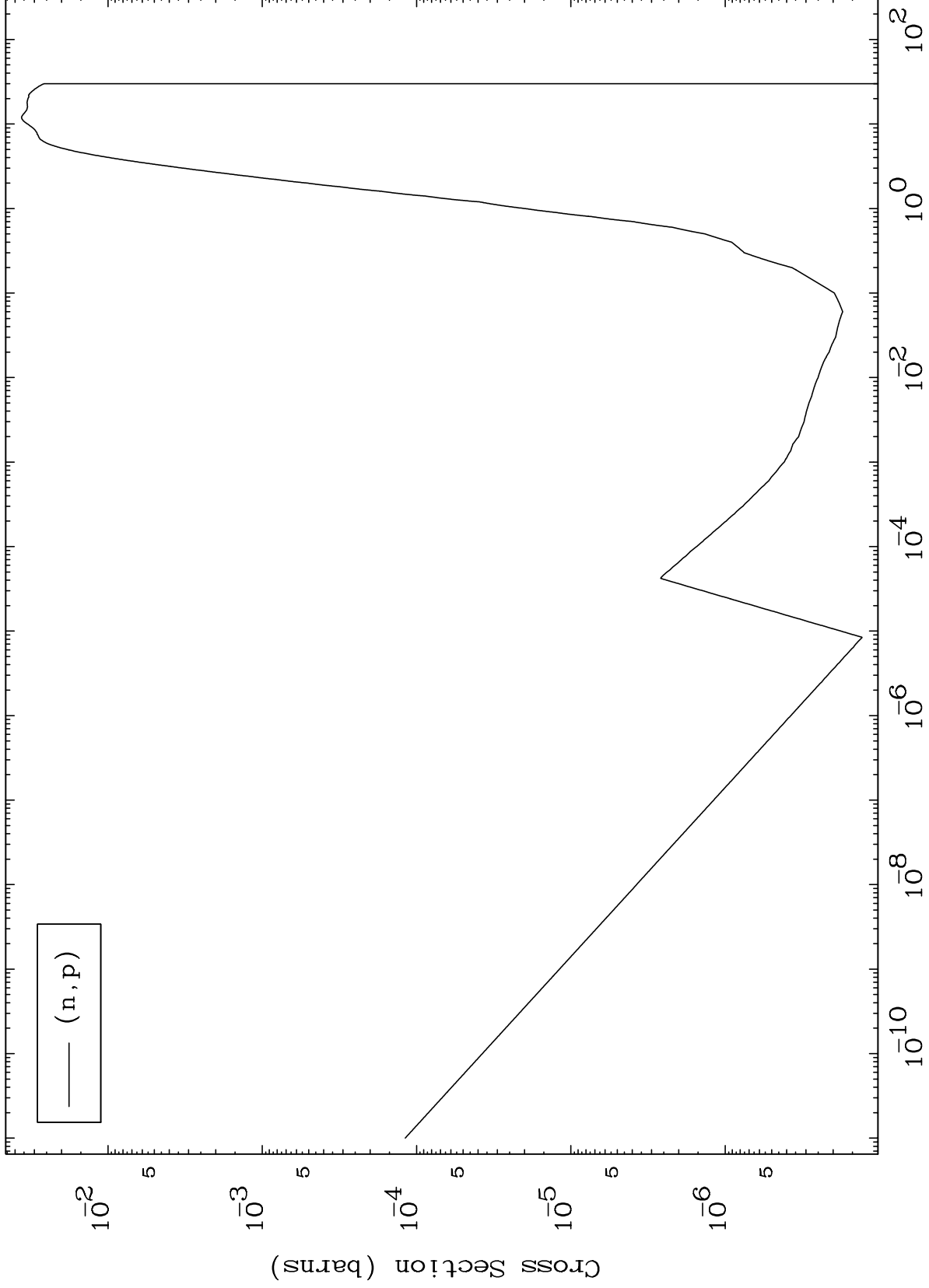
Incident Energy (MeV)

45-Rh-101

MAT 4519

(n,p) Levels  
293 Kelvin Cross Sections

45-Rh-101



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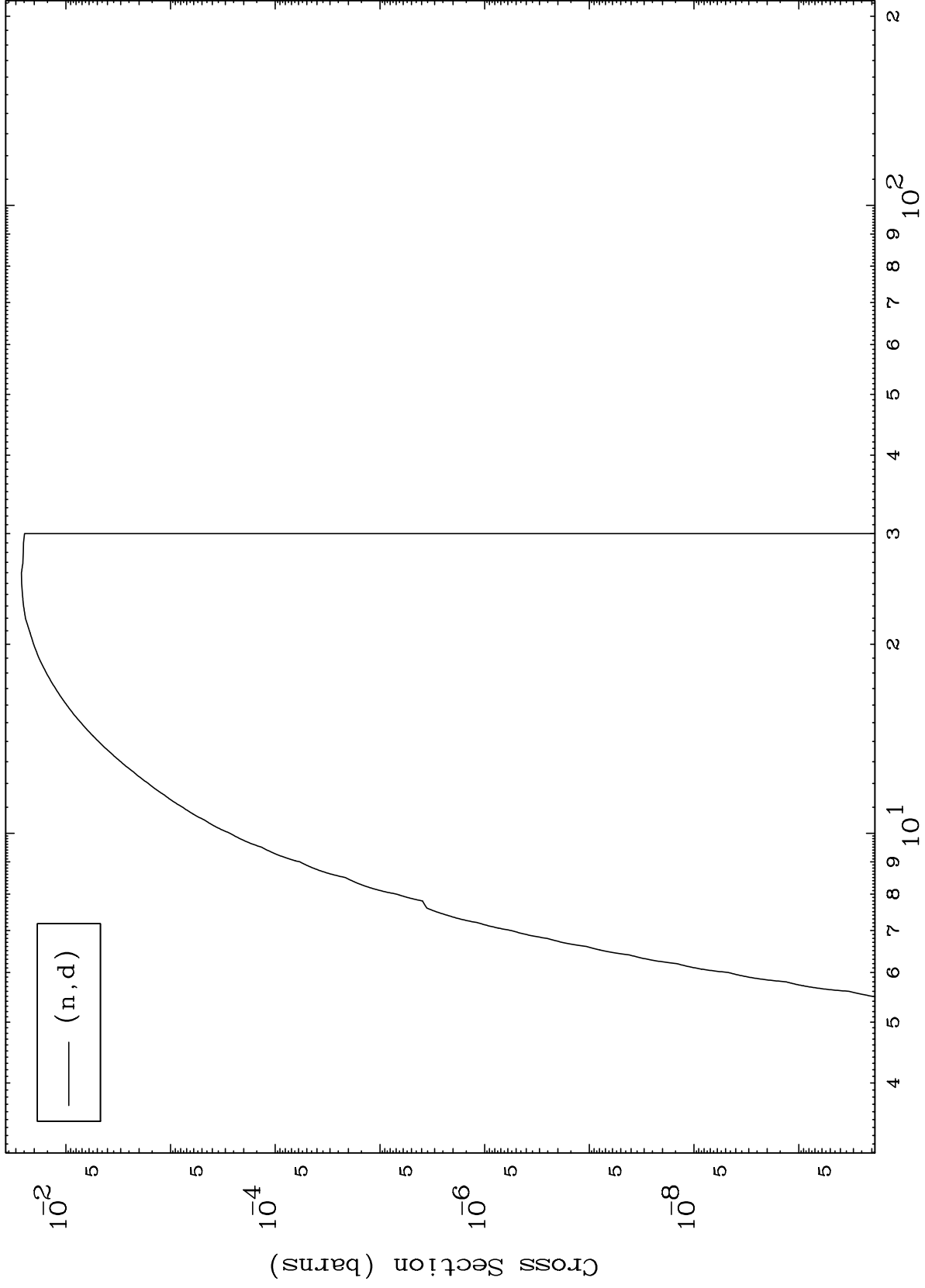
Incident Energy (MeV)

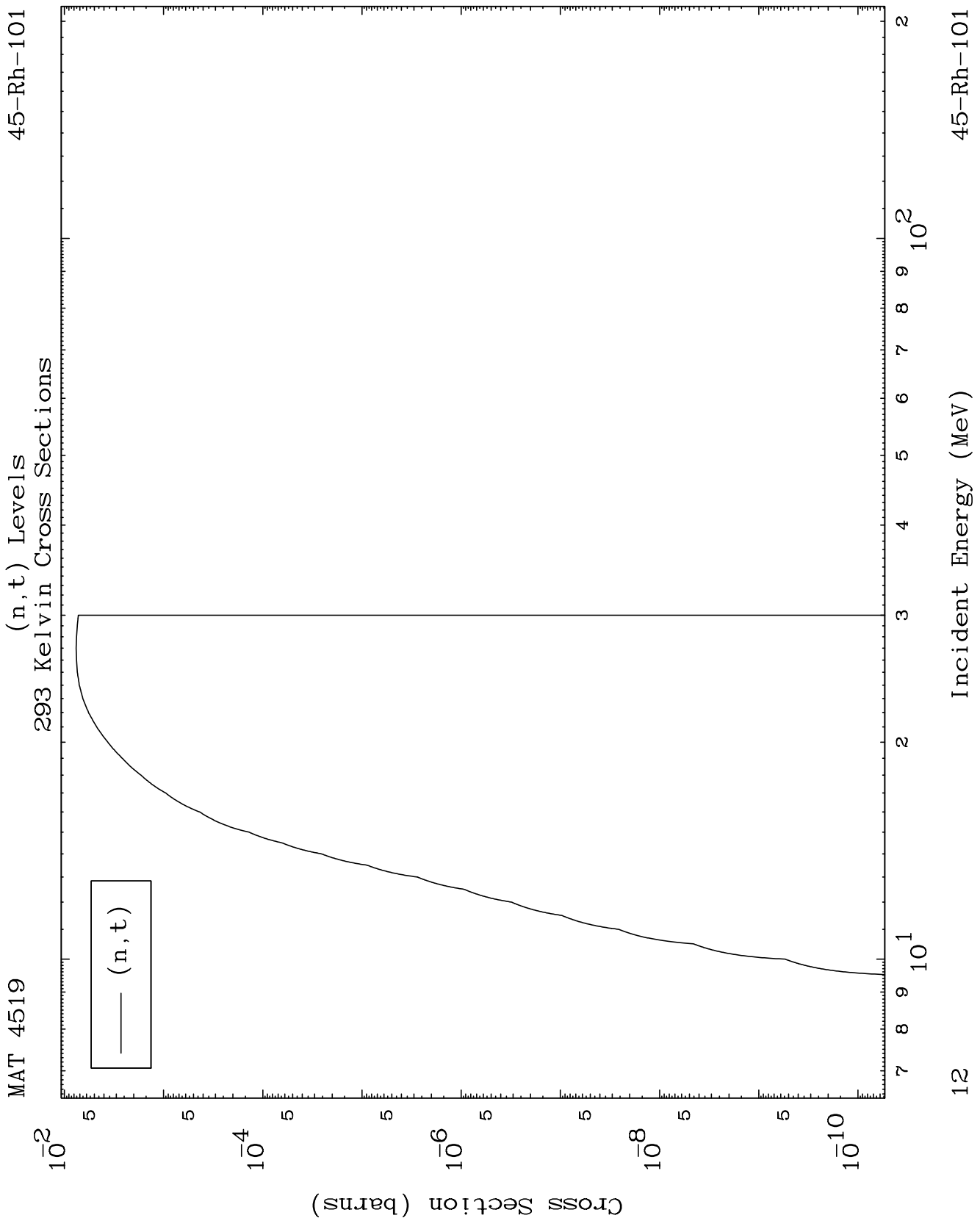
45-Rh-101

MAT 4519

(n,d) Levels  
293 Kelvin Cross Sections

45-Rh-101

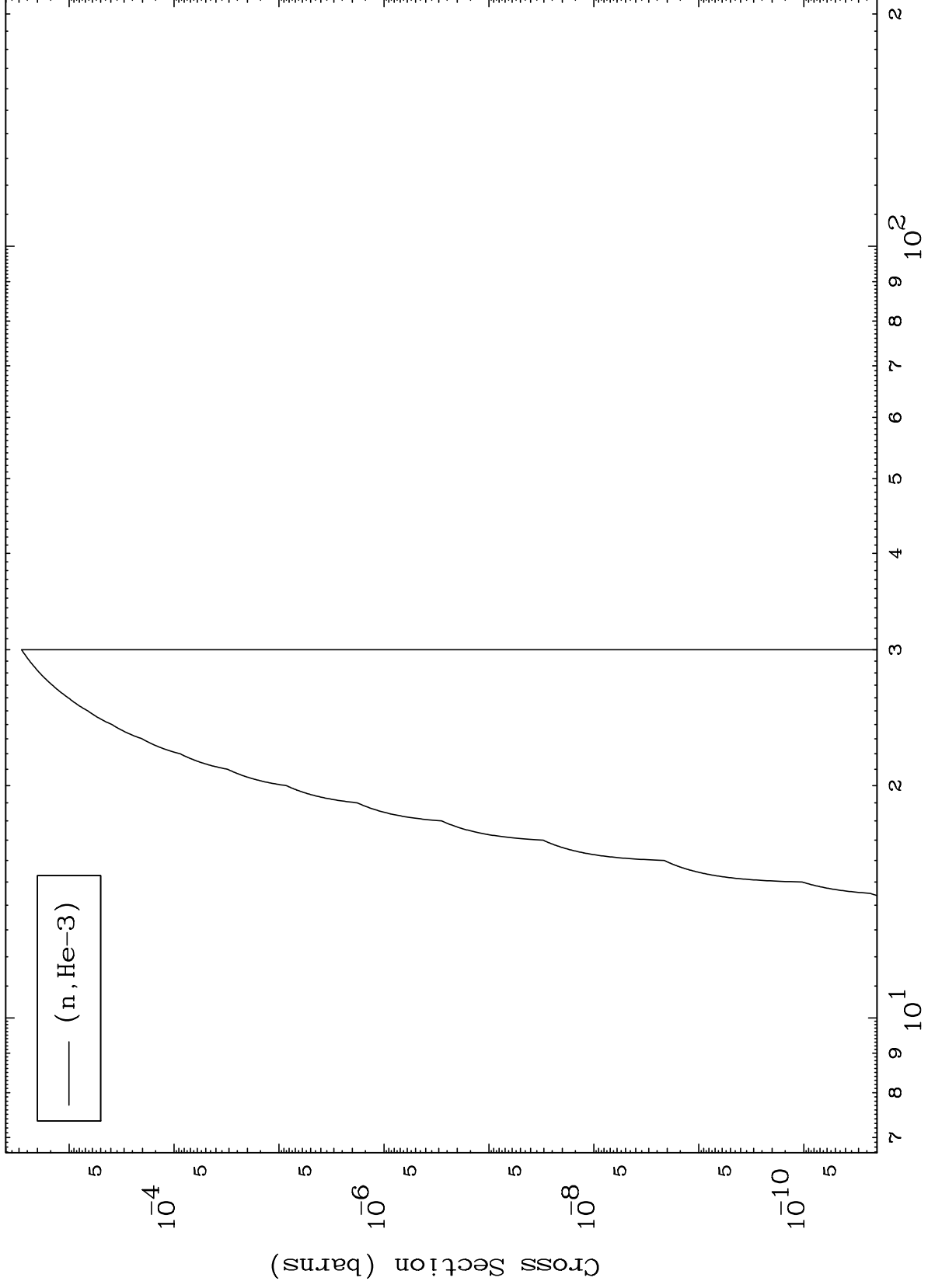




MAT 4519

(n,He3) Levels  
293 Kelvin Cross Sections

45-Rh-101



13

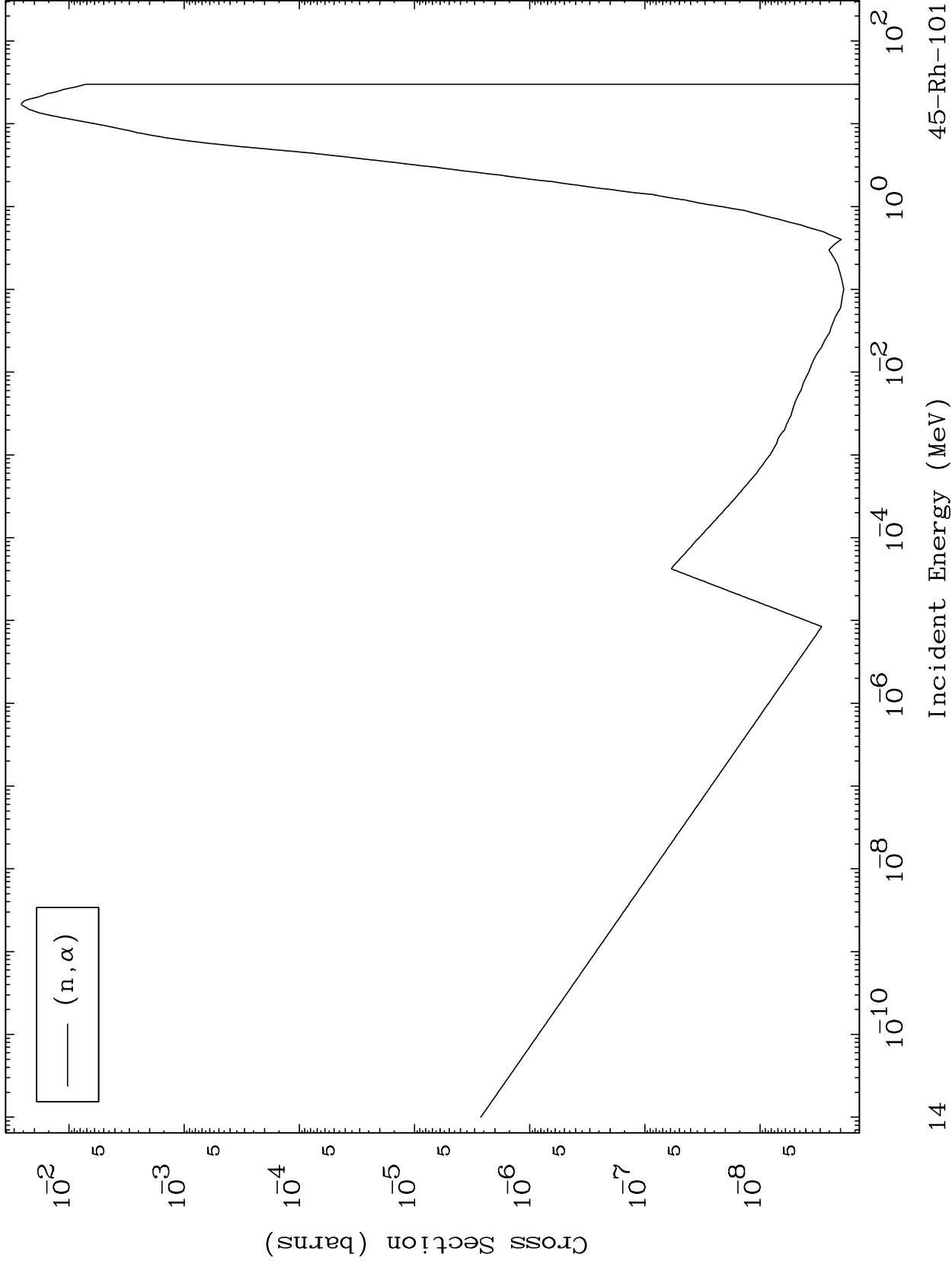
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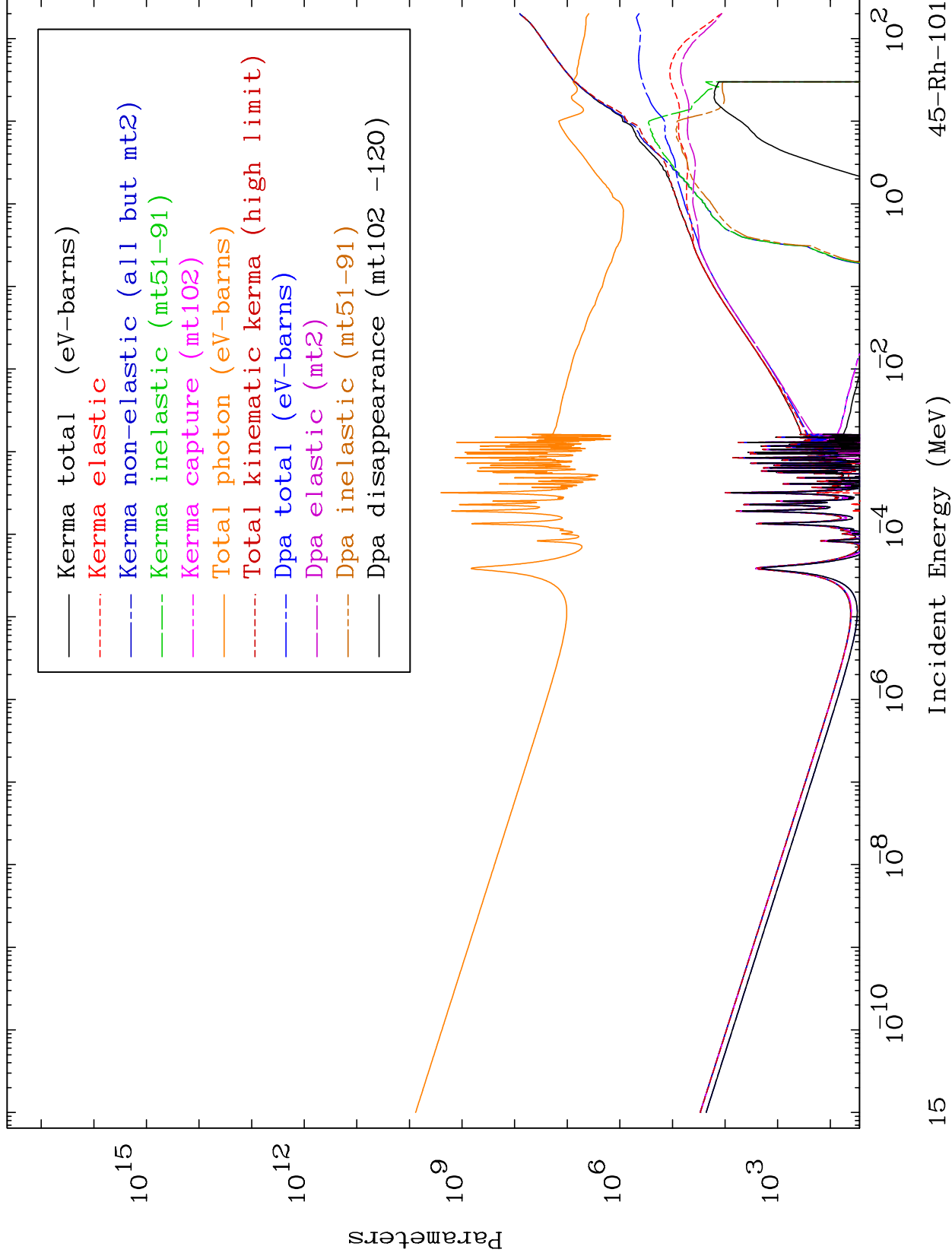
45-Rh-101

MAT 4519

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

45-Rh-101



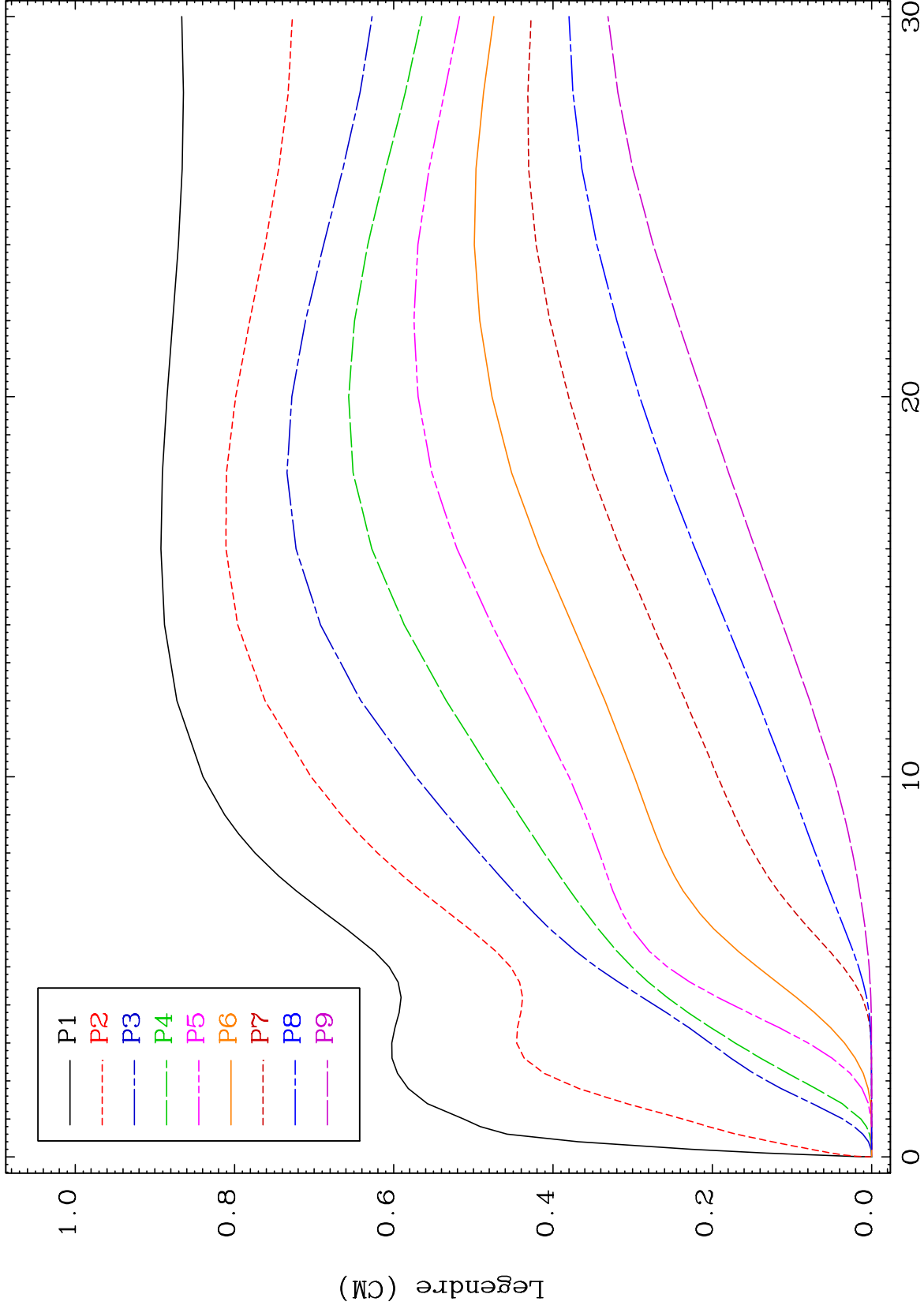




MAT 4519

Elastic Legendre Coefficients

45-Rh-101



16

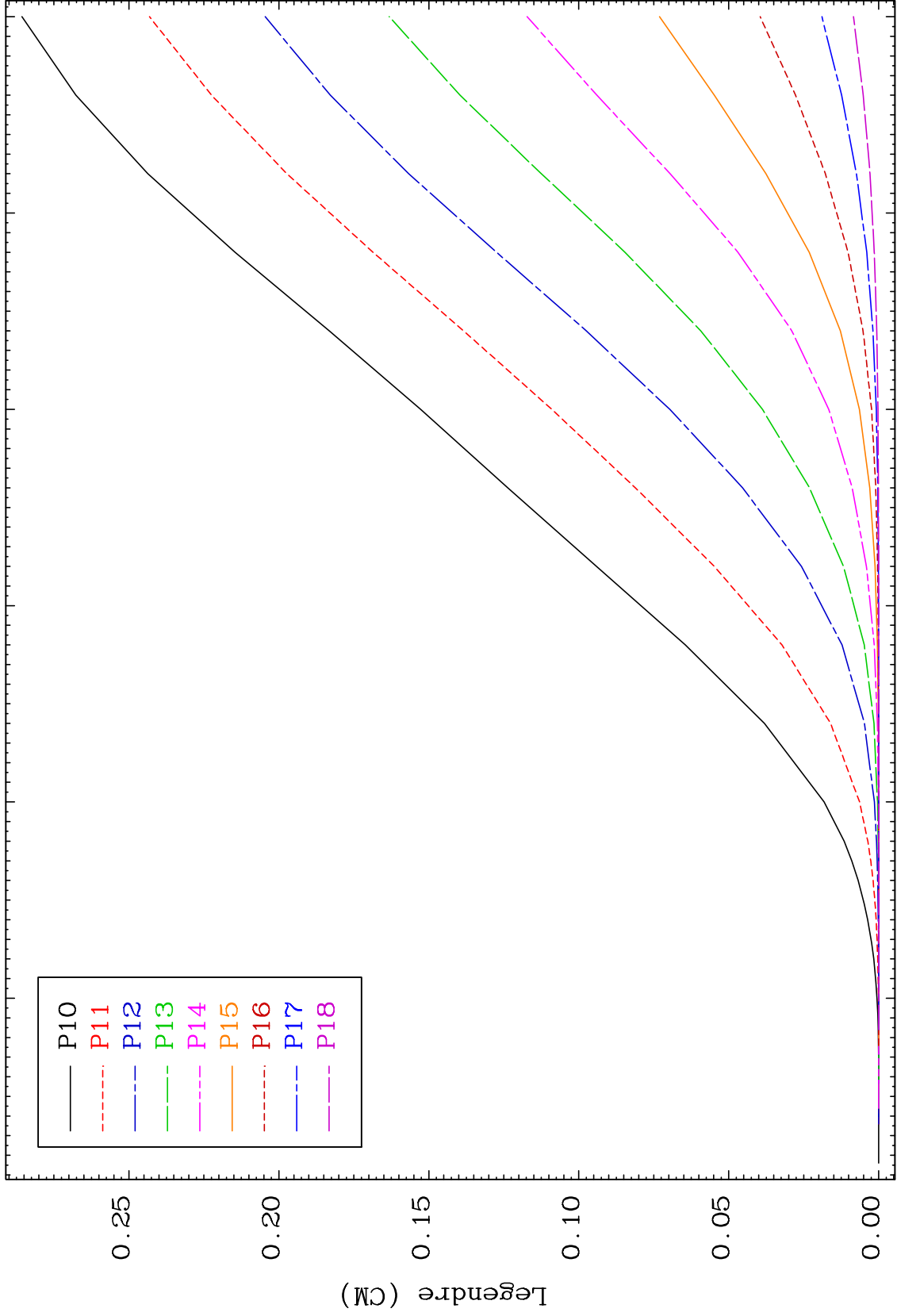
Incident Energy (MeV)

45-Rh-101

MAT 4519

Elastic Legendre Coefficients

45-Rh-101



17

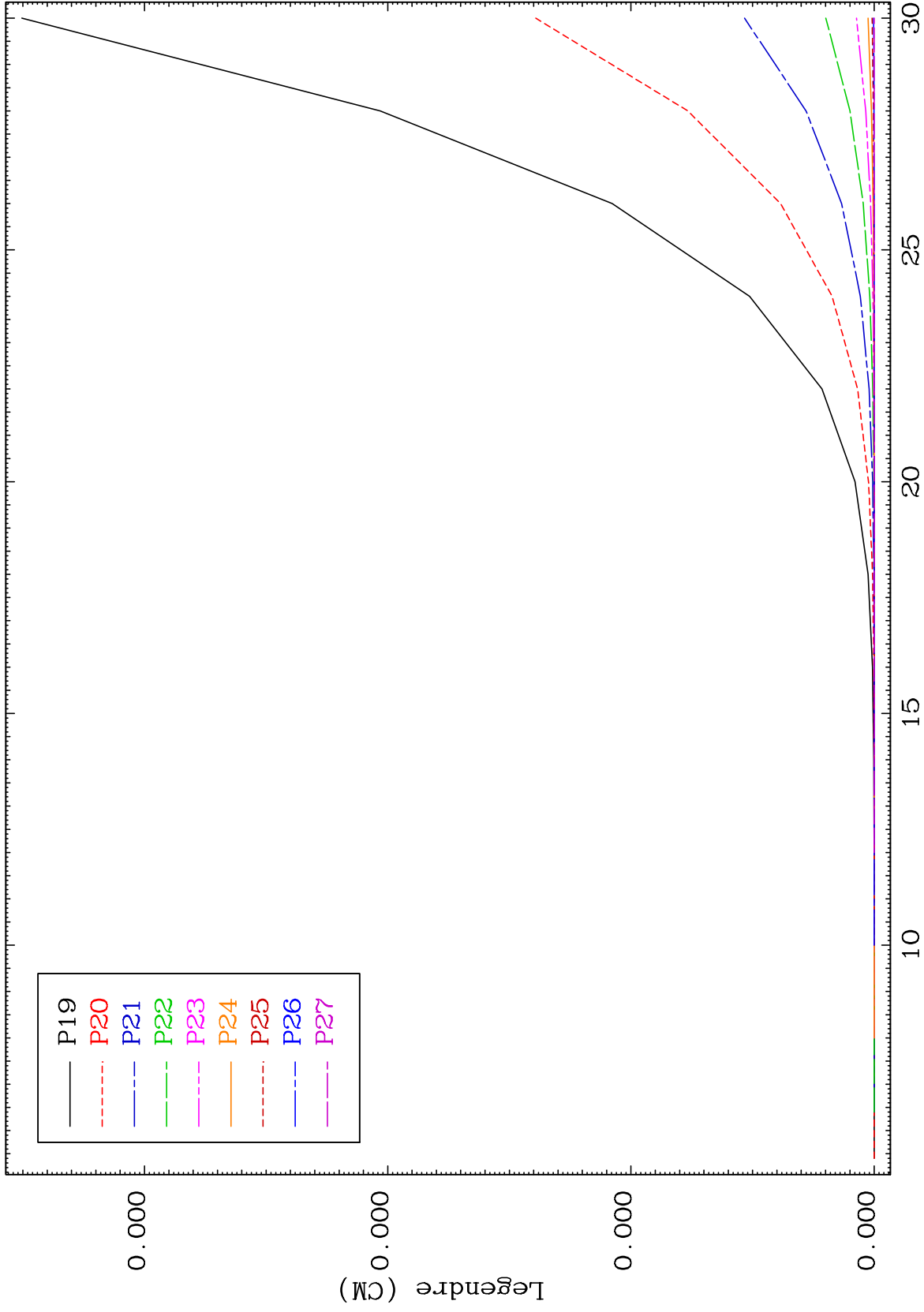
Incident Energy (MeV)

45-Rh-101

MAT 4519

### Elastic Legendre Coefficients

45-Rh-101



18

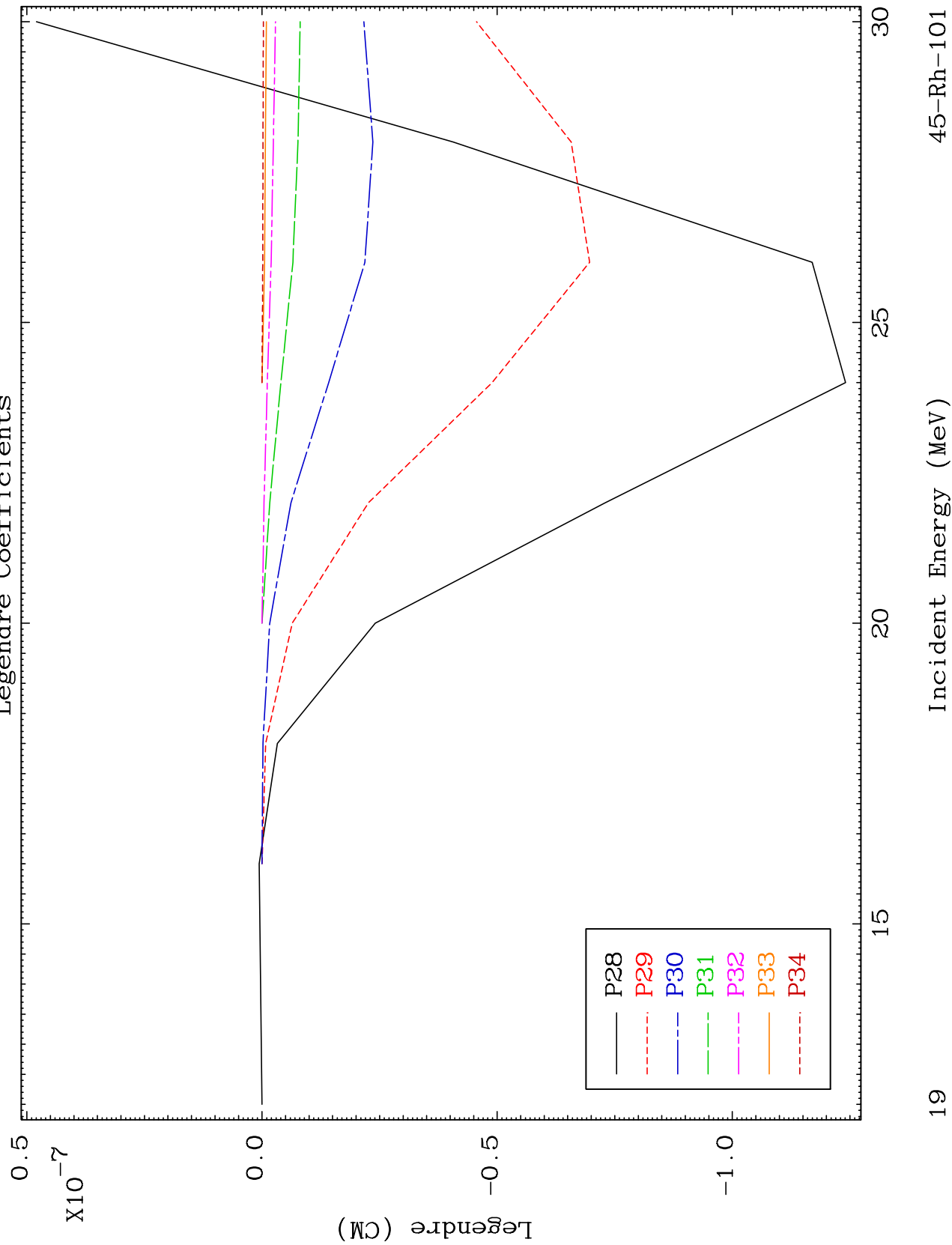
Incident Energy (MeV)

45-Rh-101

MAT 4519

Elastic Legendre Coefficients

45-Rh-101



19

Incident Energy (MeV)

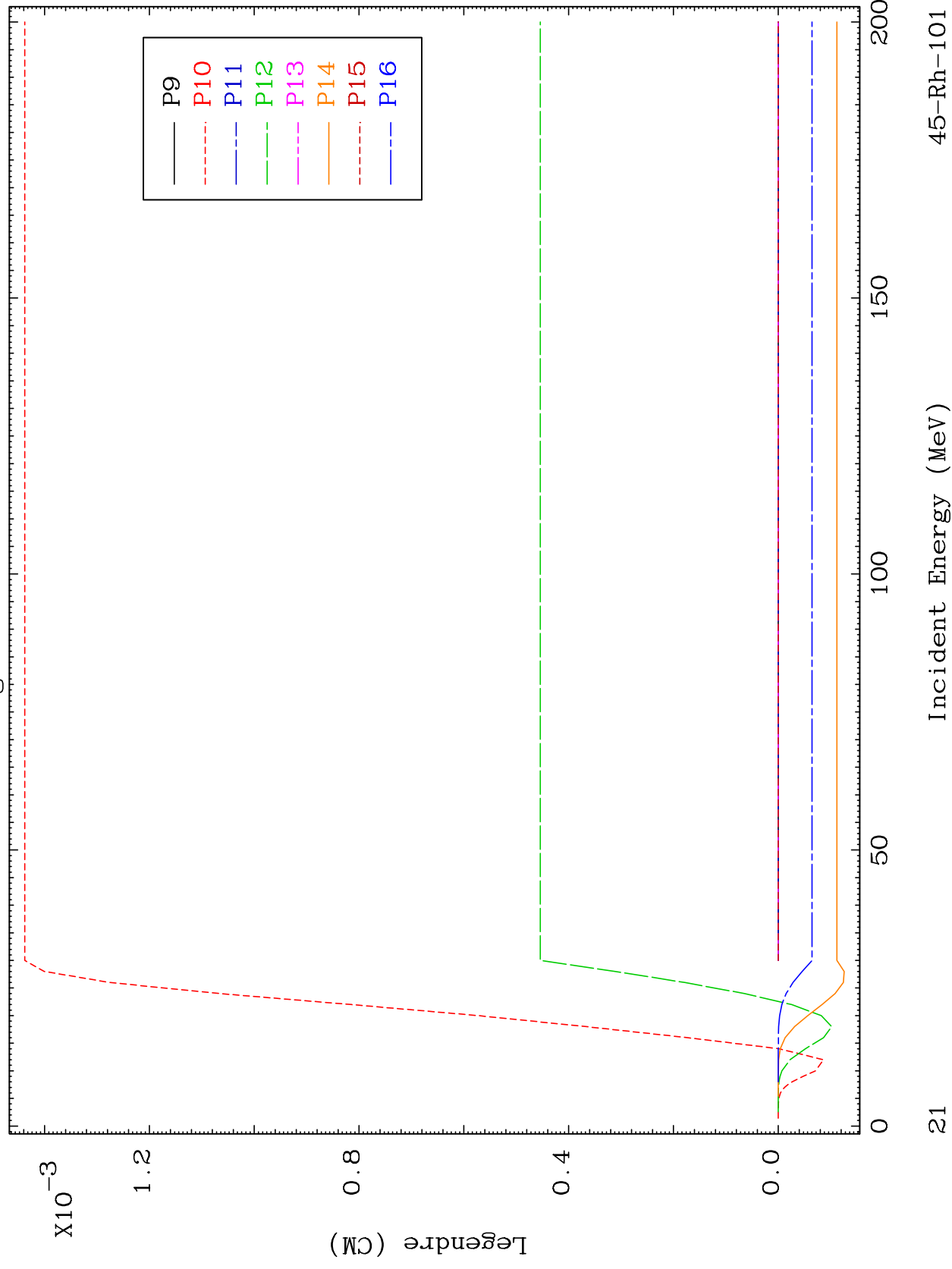
45-Rh-101



MAT 4519

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

45-Rh-101

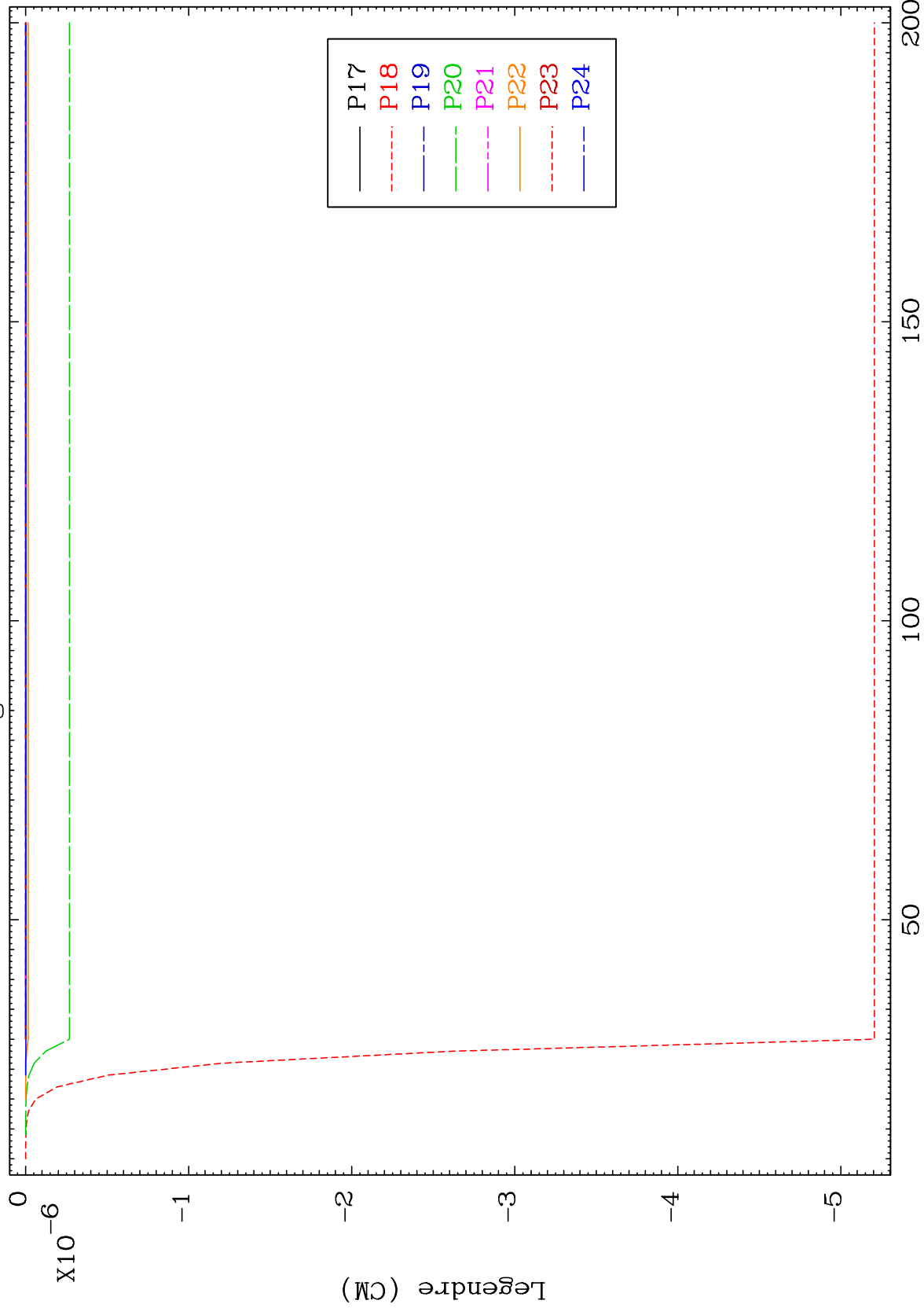


21

MAT 4519

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

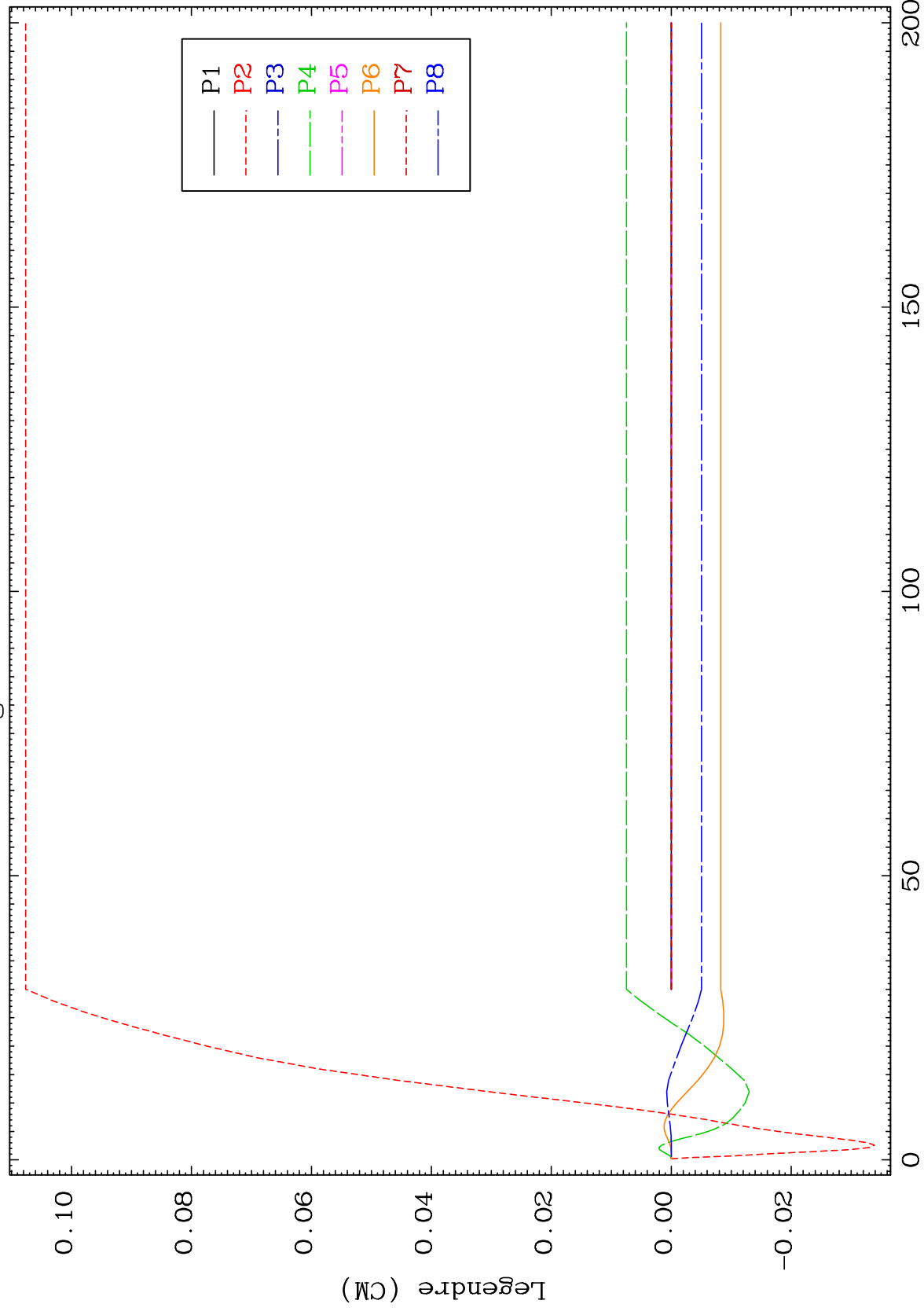
45-Rh-101



MAT 4519

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

45-Rh-101



23

Incident Energy (MeV)

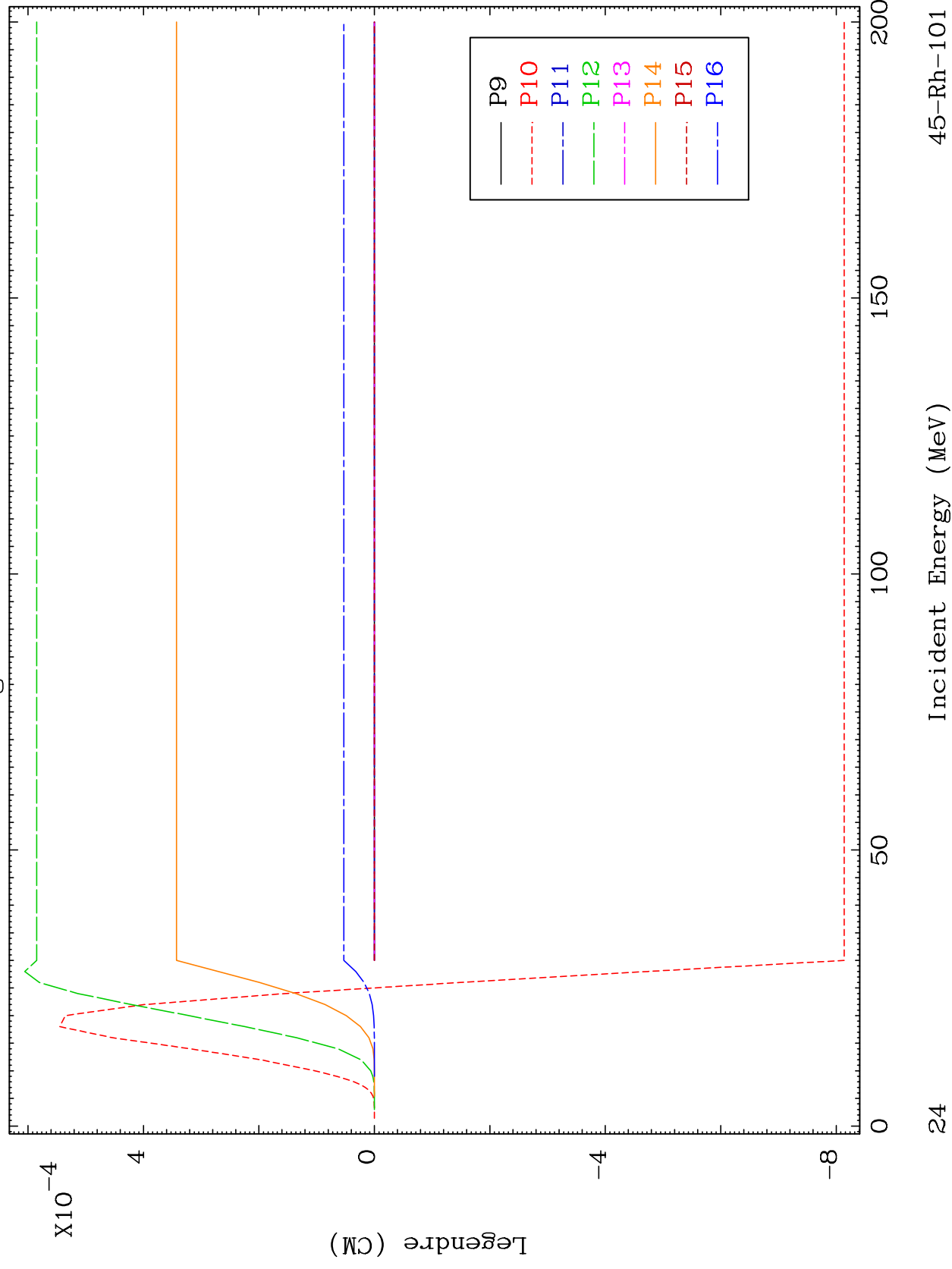
45-Rh-101



MAT 4519

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

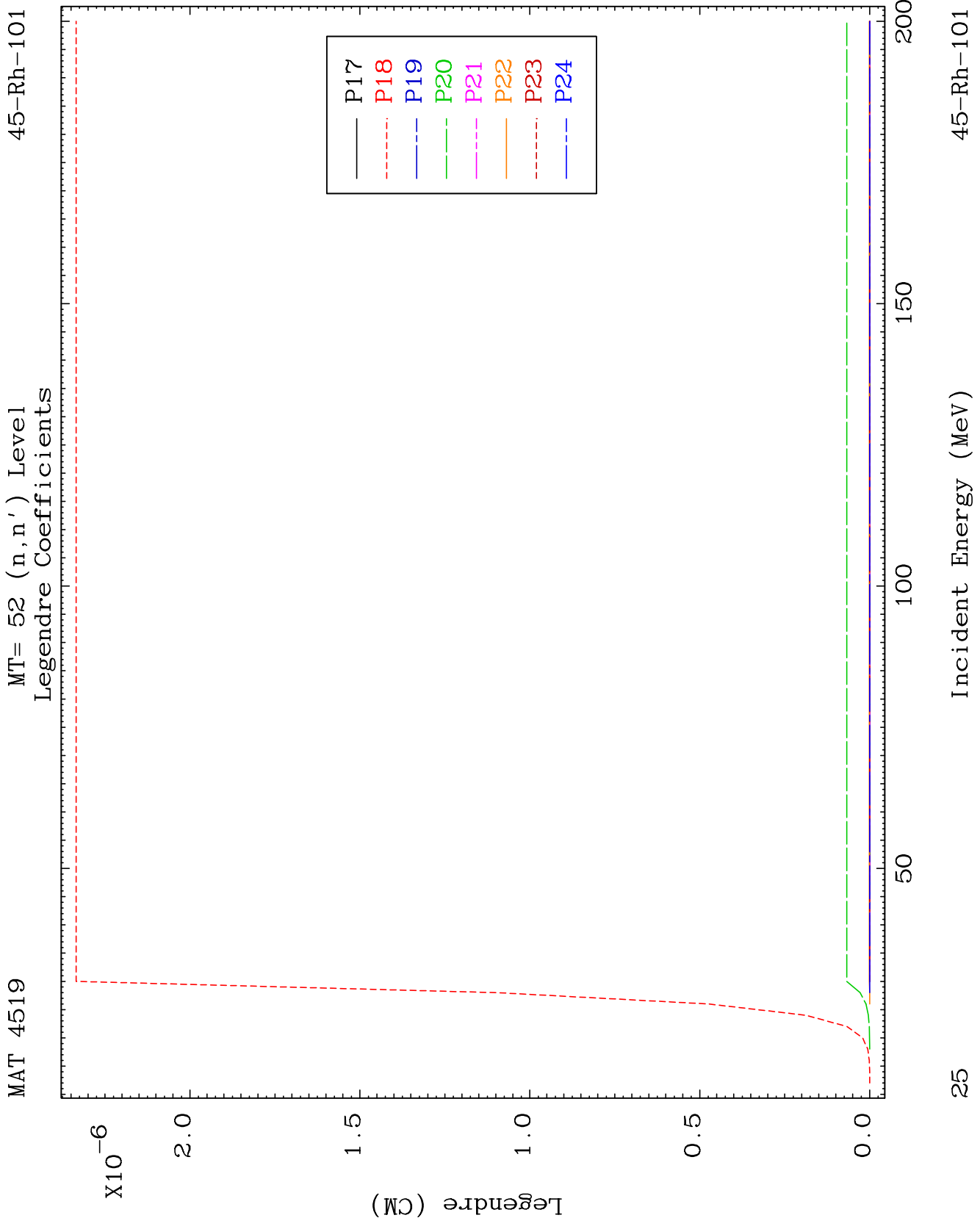
45-Rh-101

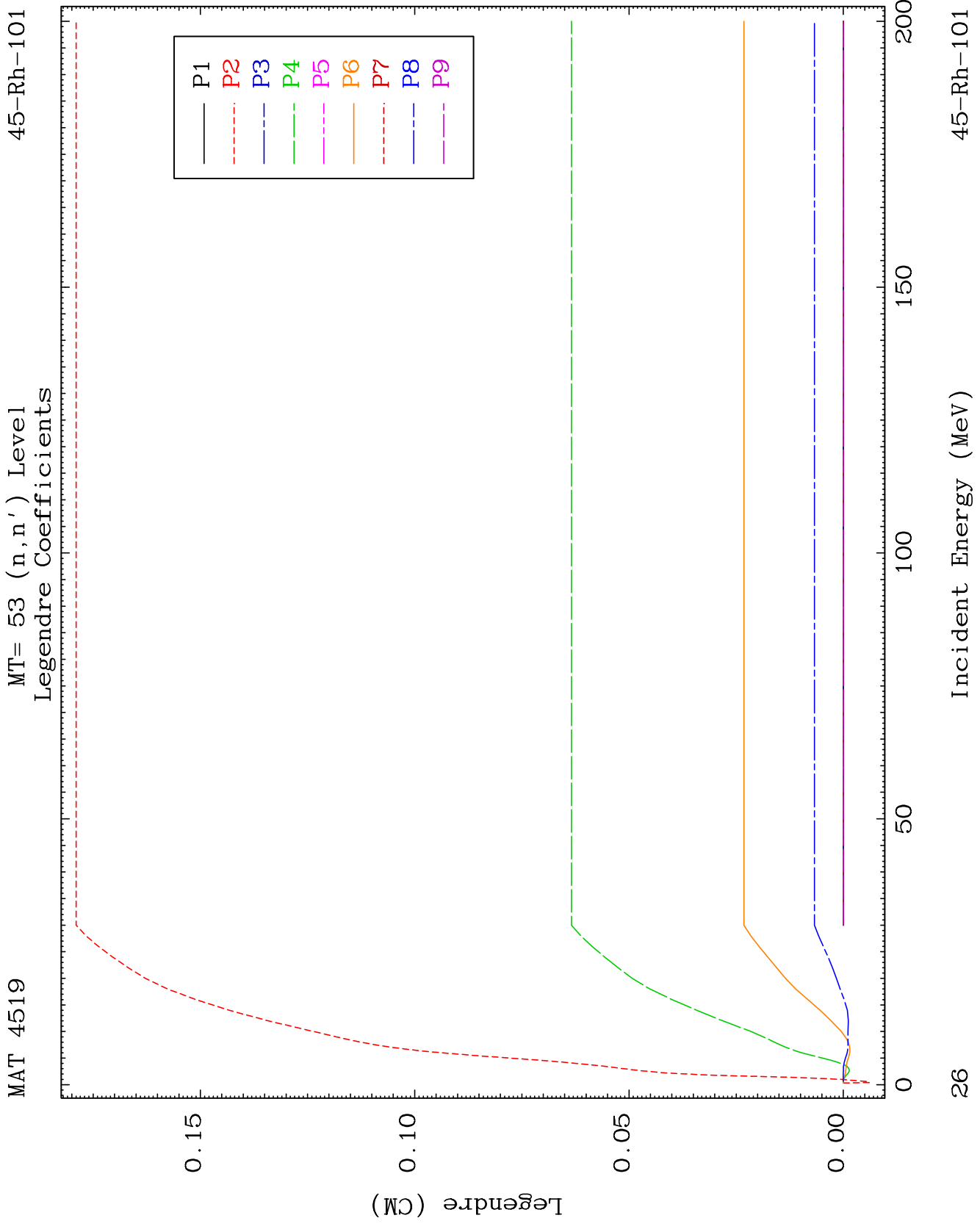


45-Rh-101

Incident Energy (MeV)

24

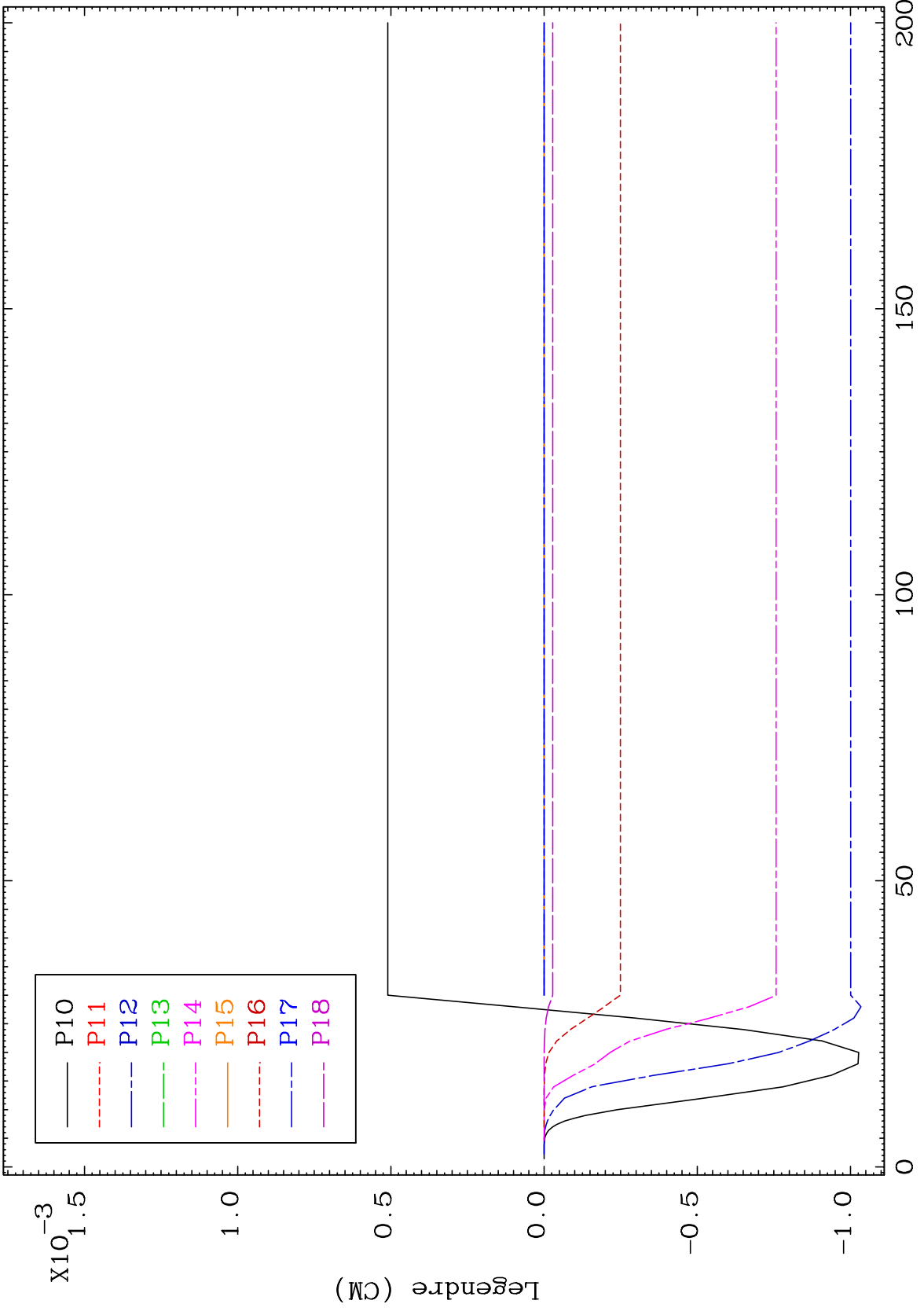
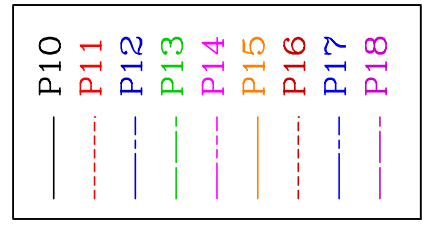


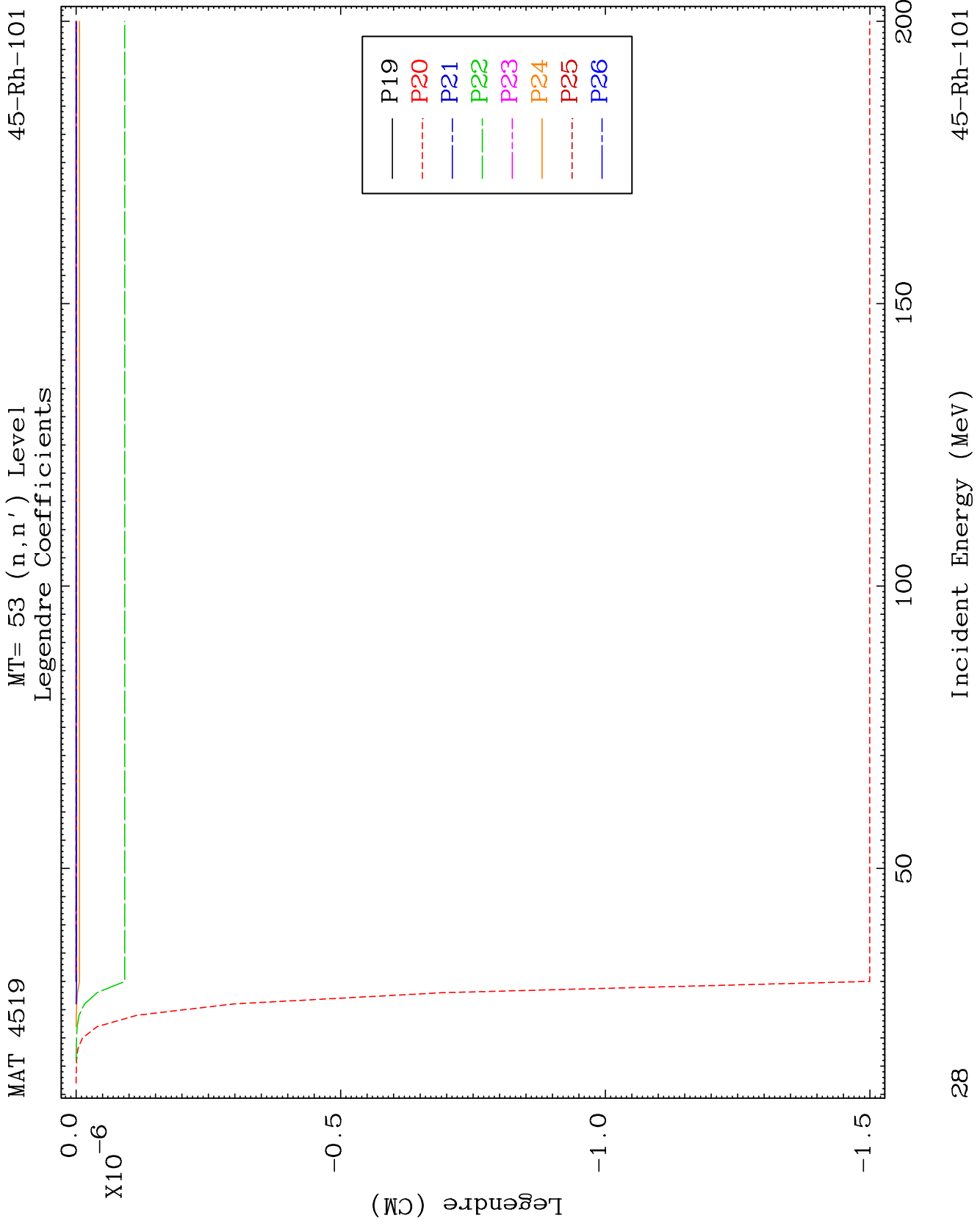


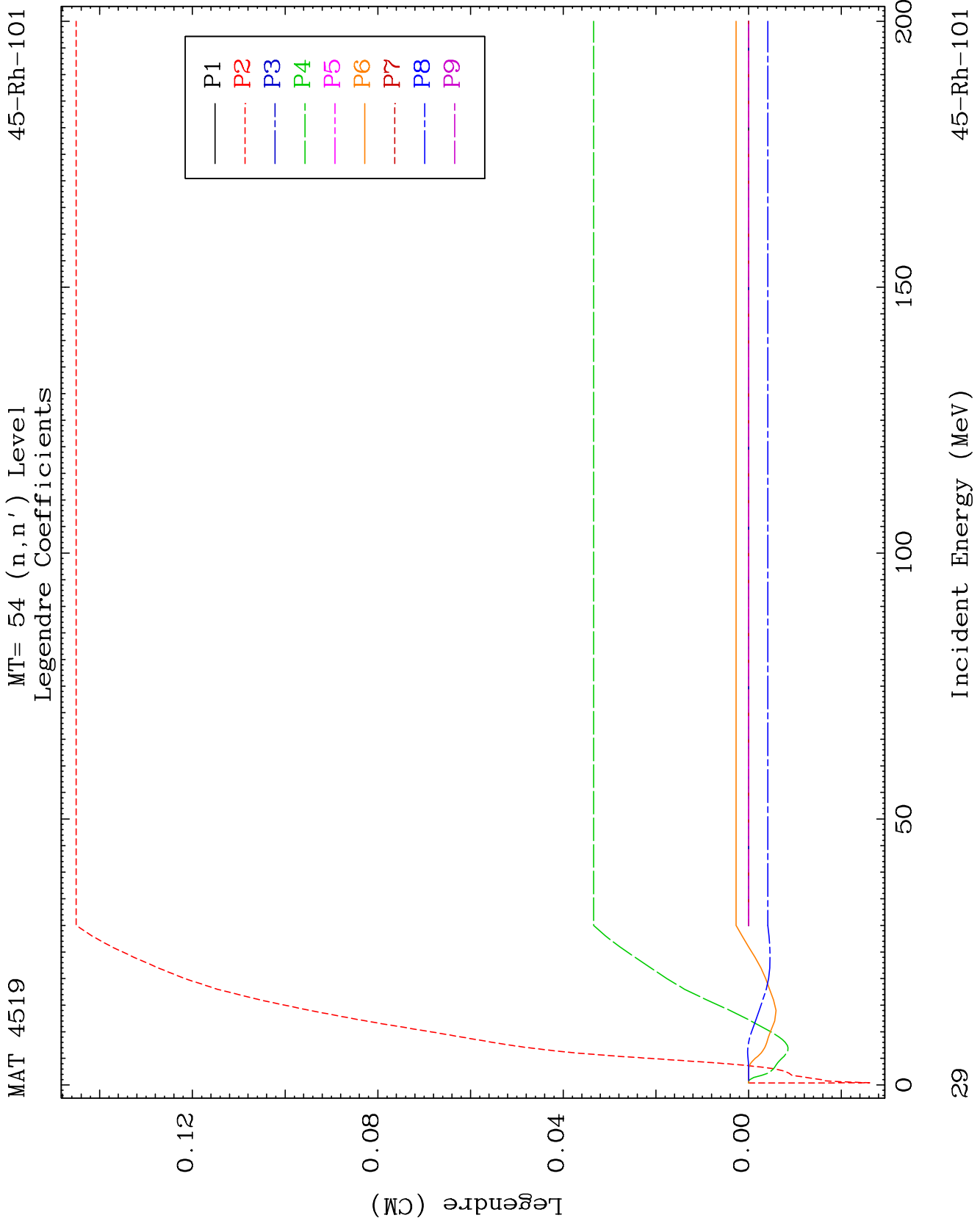
MAT 4519

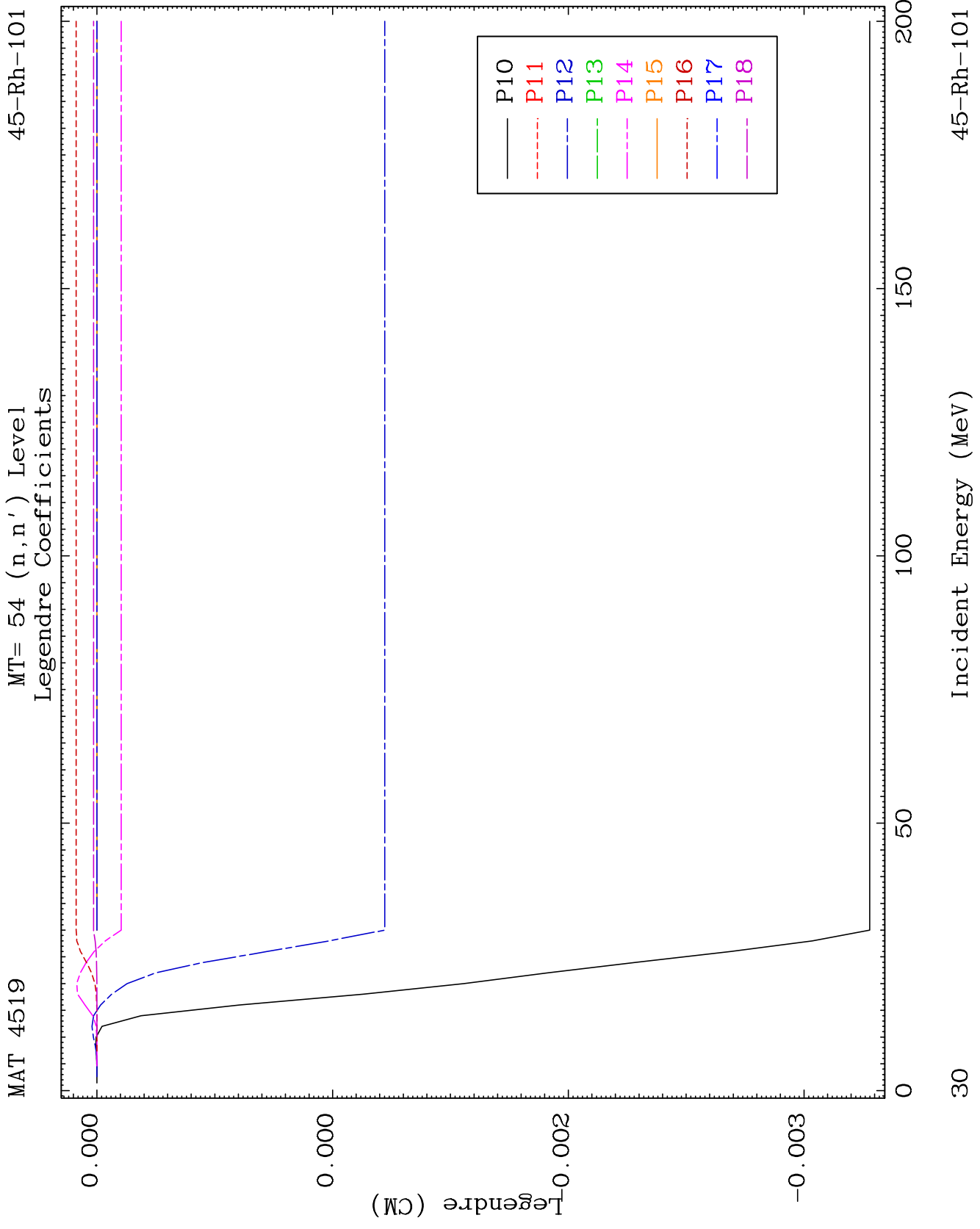
MT= 53 (n,n') Level  
Legendre Coefficients

45-Rh-101



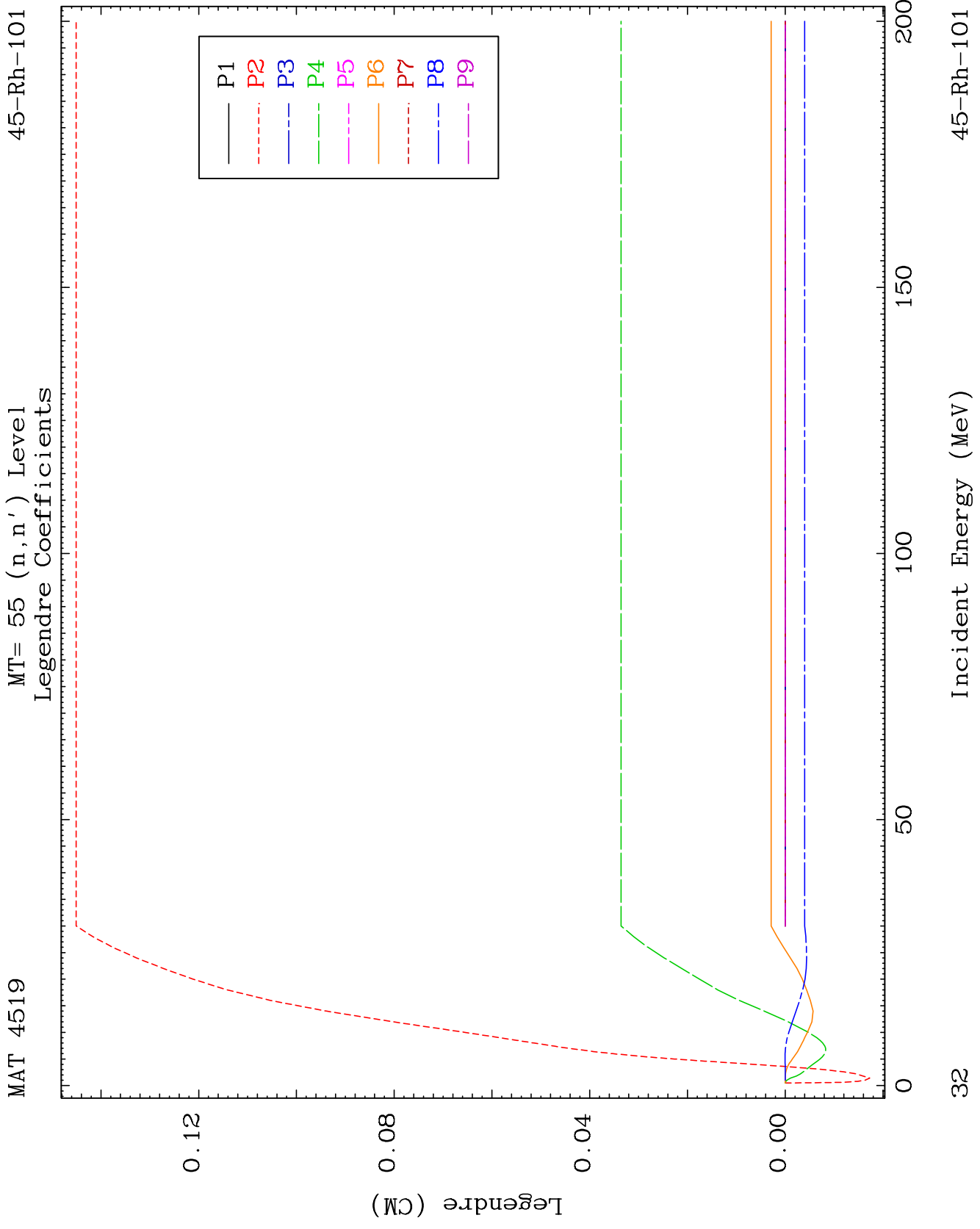


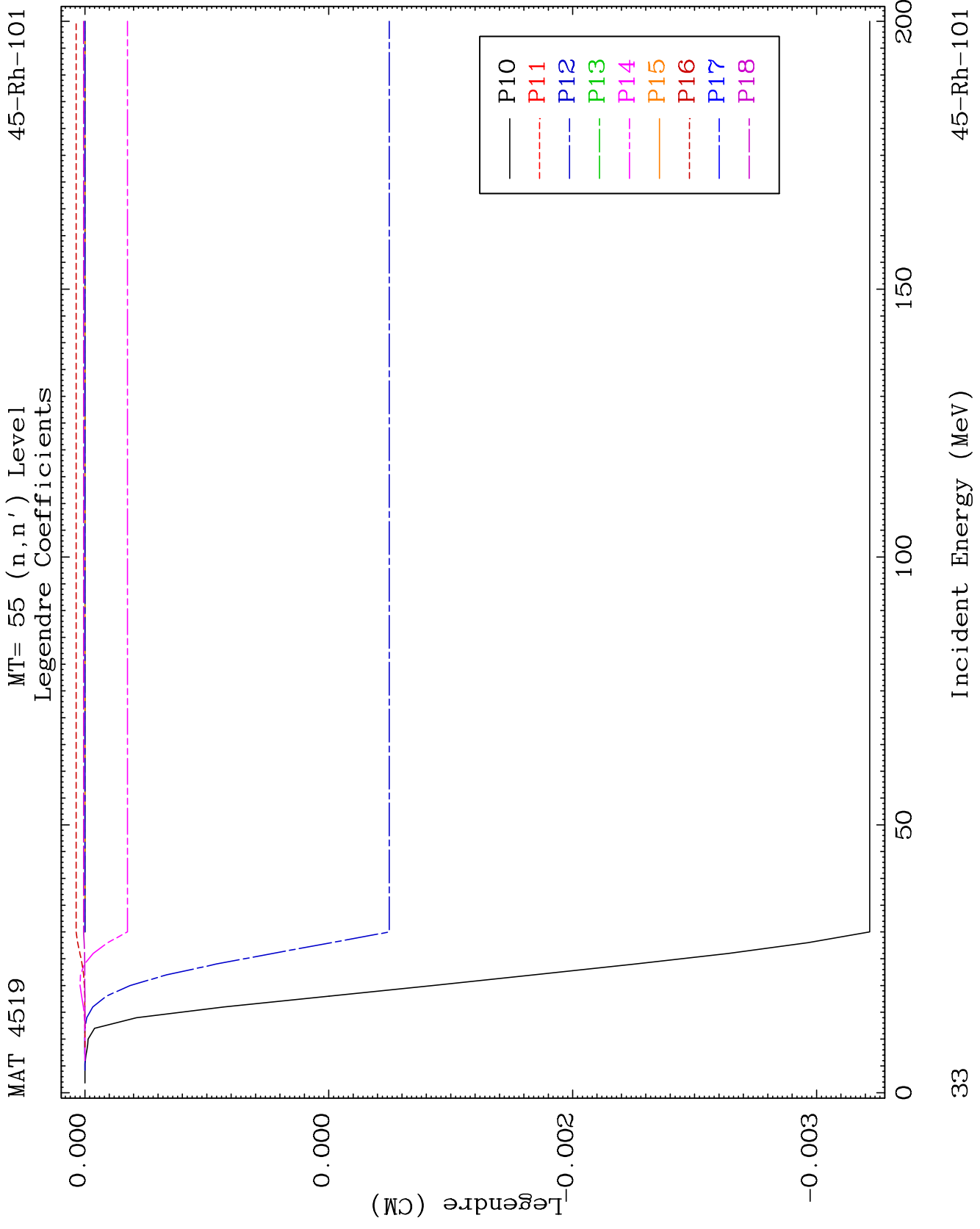










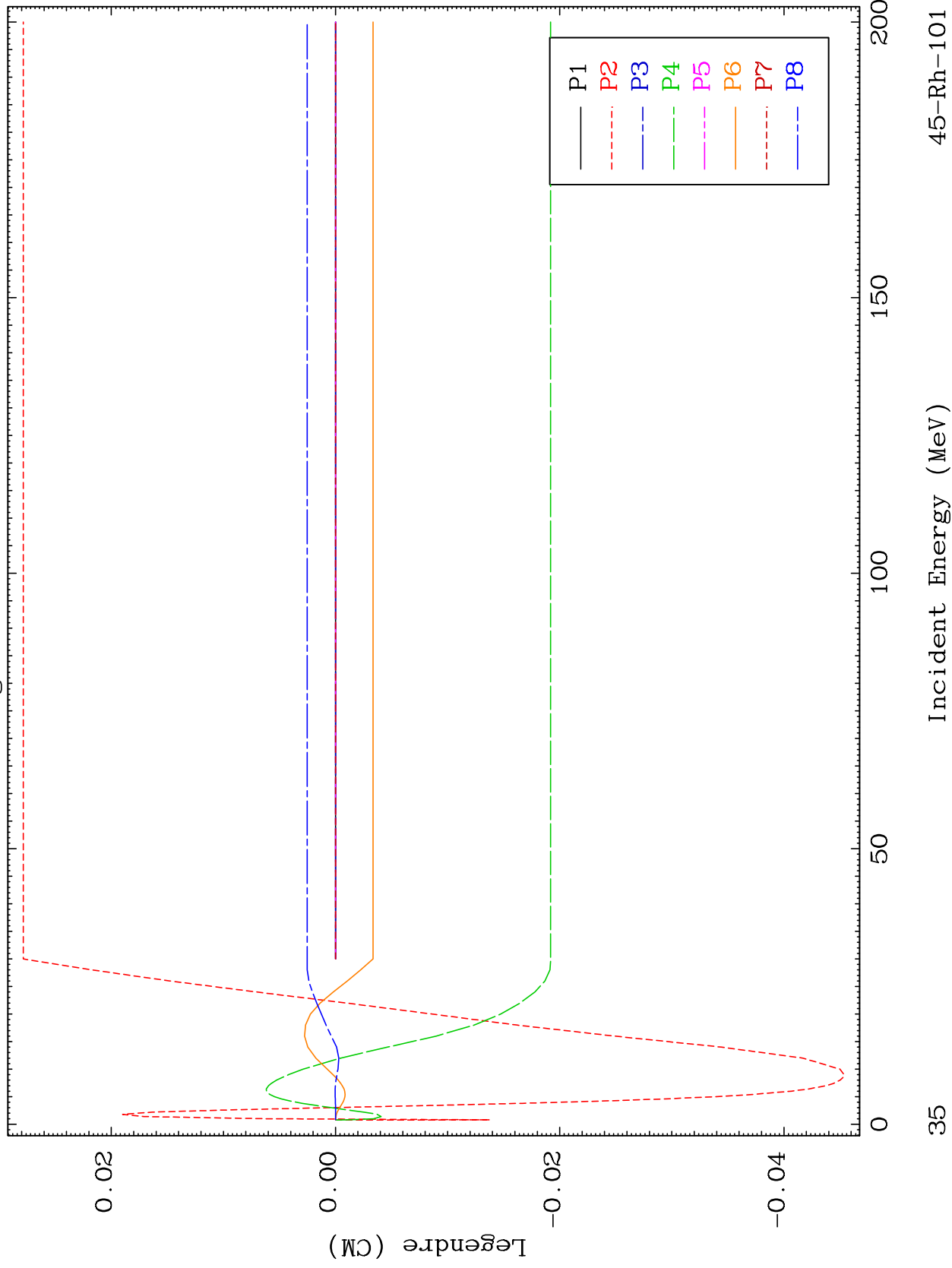




MAT 4519

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

45-Rh-101



45-Rh-101

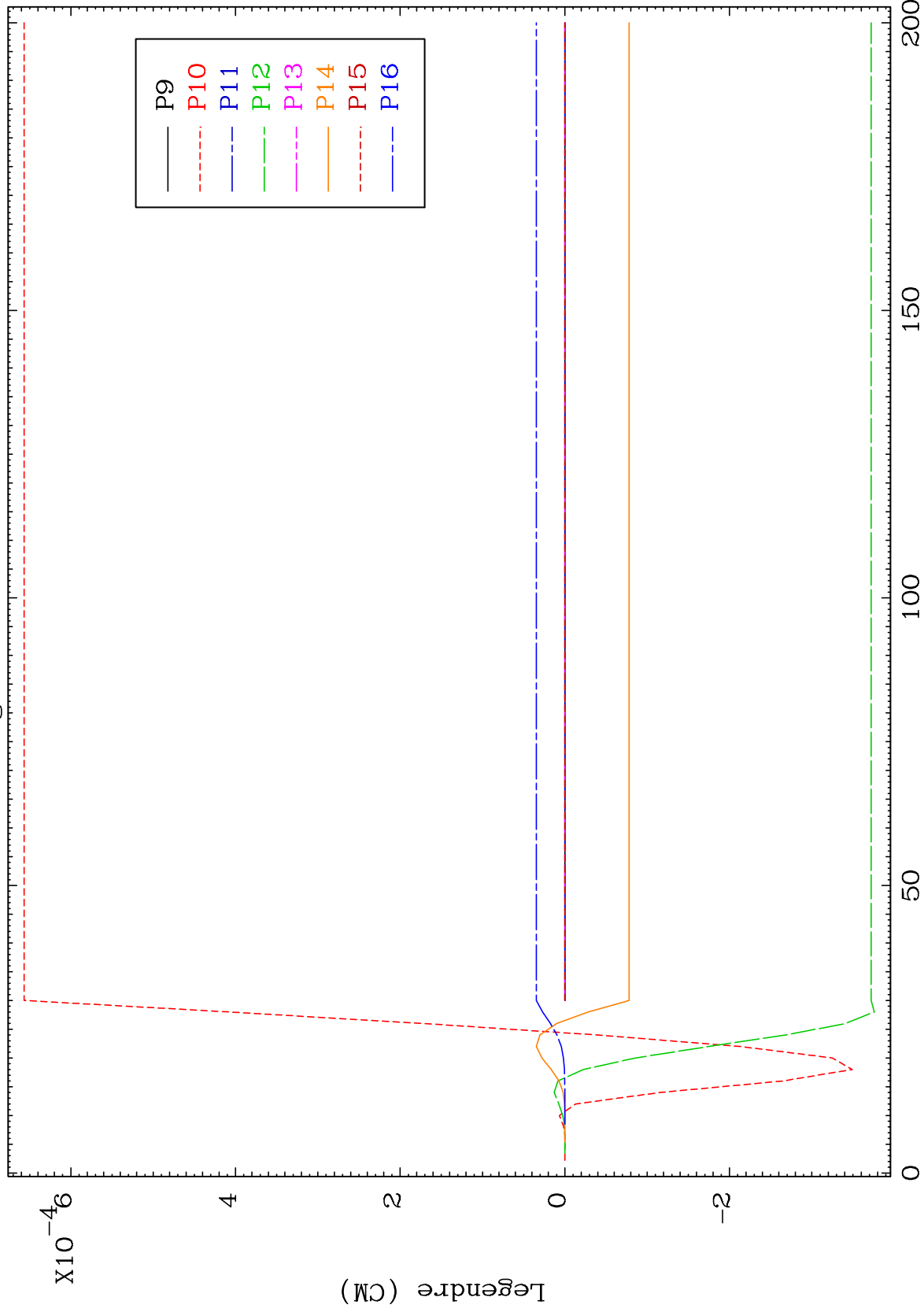
Incident Energy (MeV)

35

MAT 4519

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

45-Rh-101



36

Incident Energy (MeV)

45-Rh-101

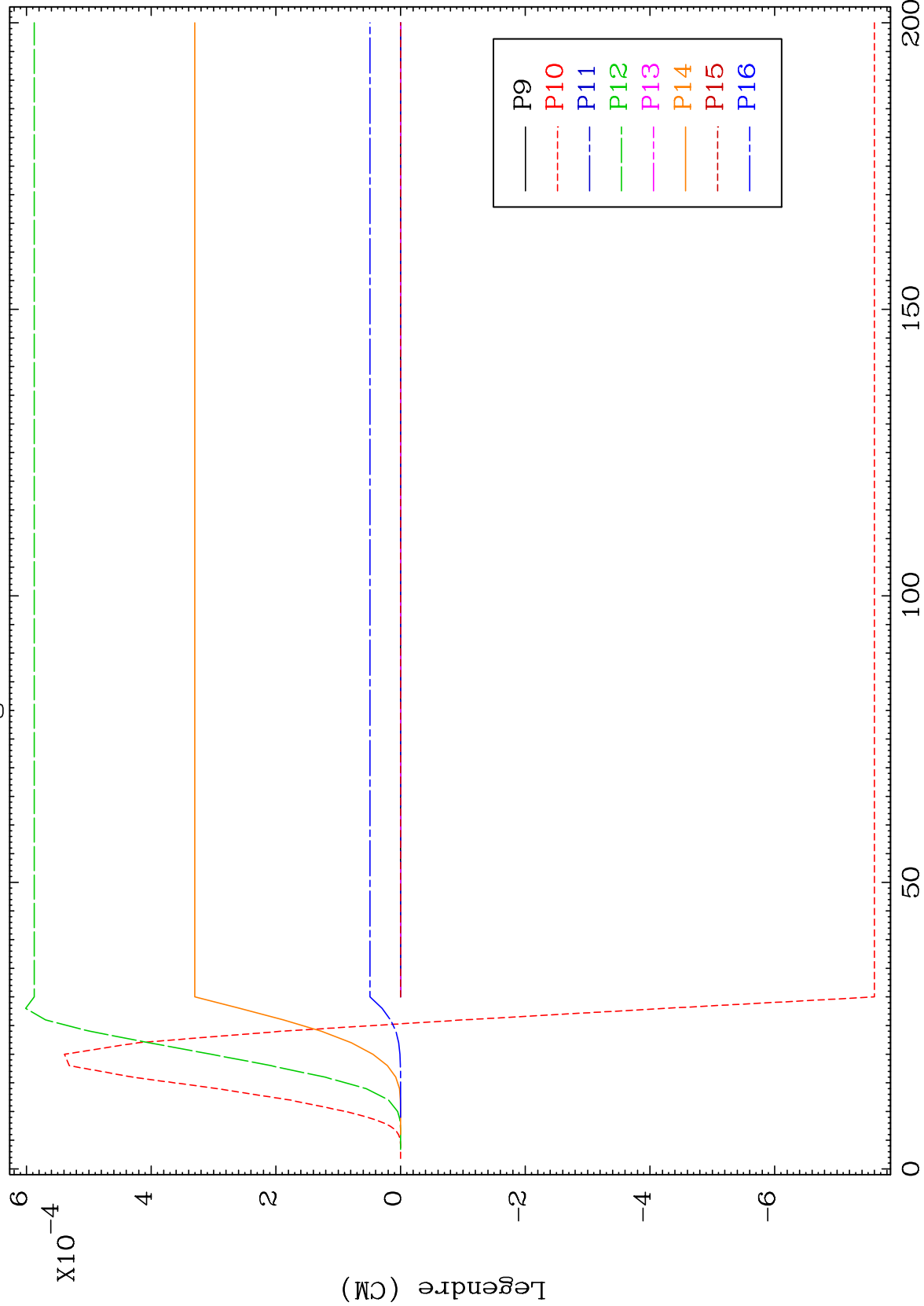




MAT 4519

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

45-Rh-101

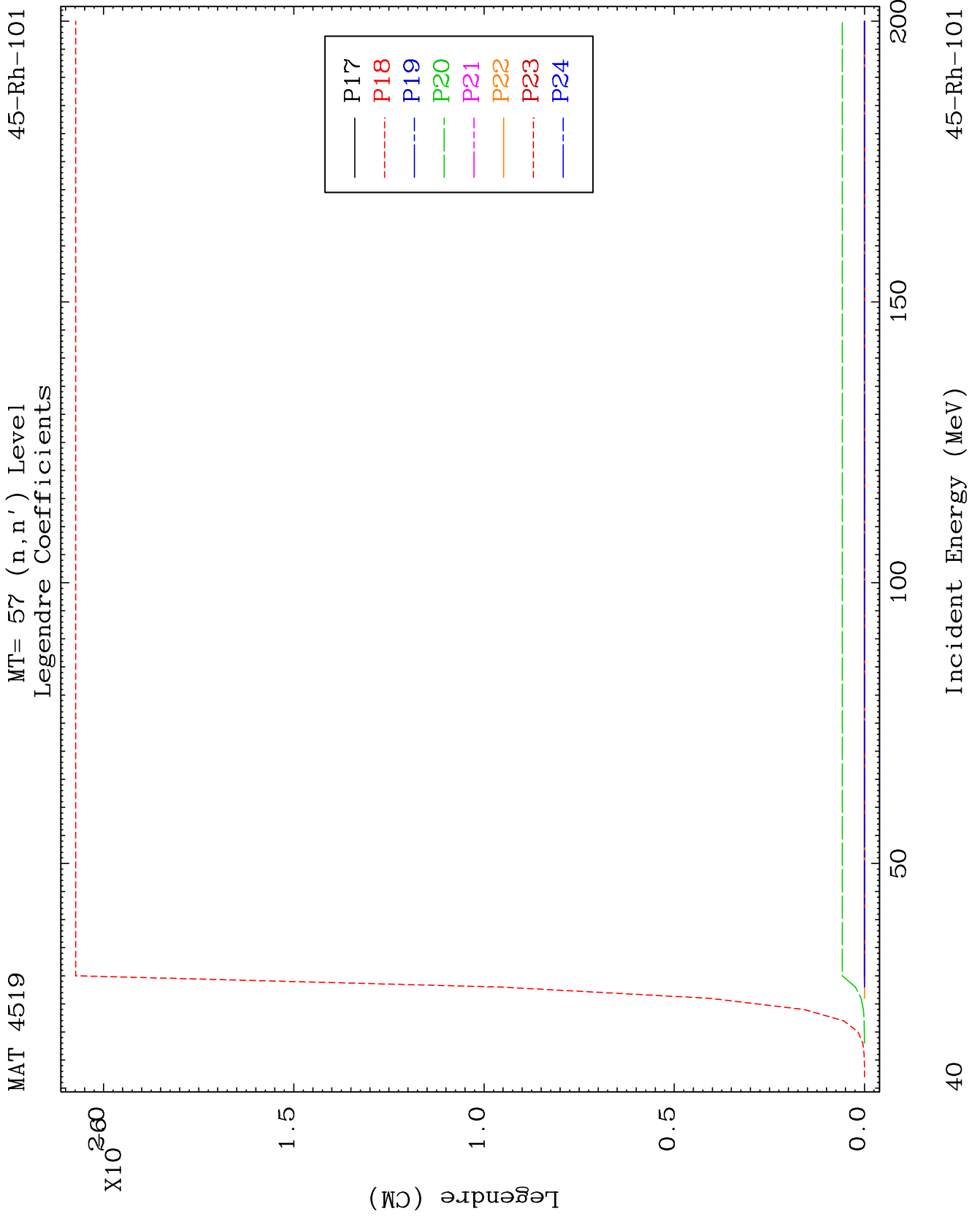


39

Incident Energy (MeV)

45-Rh-101

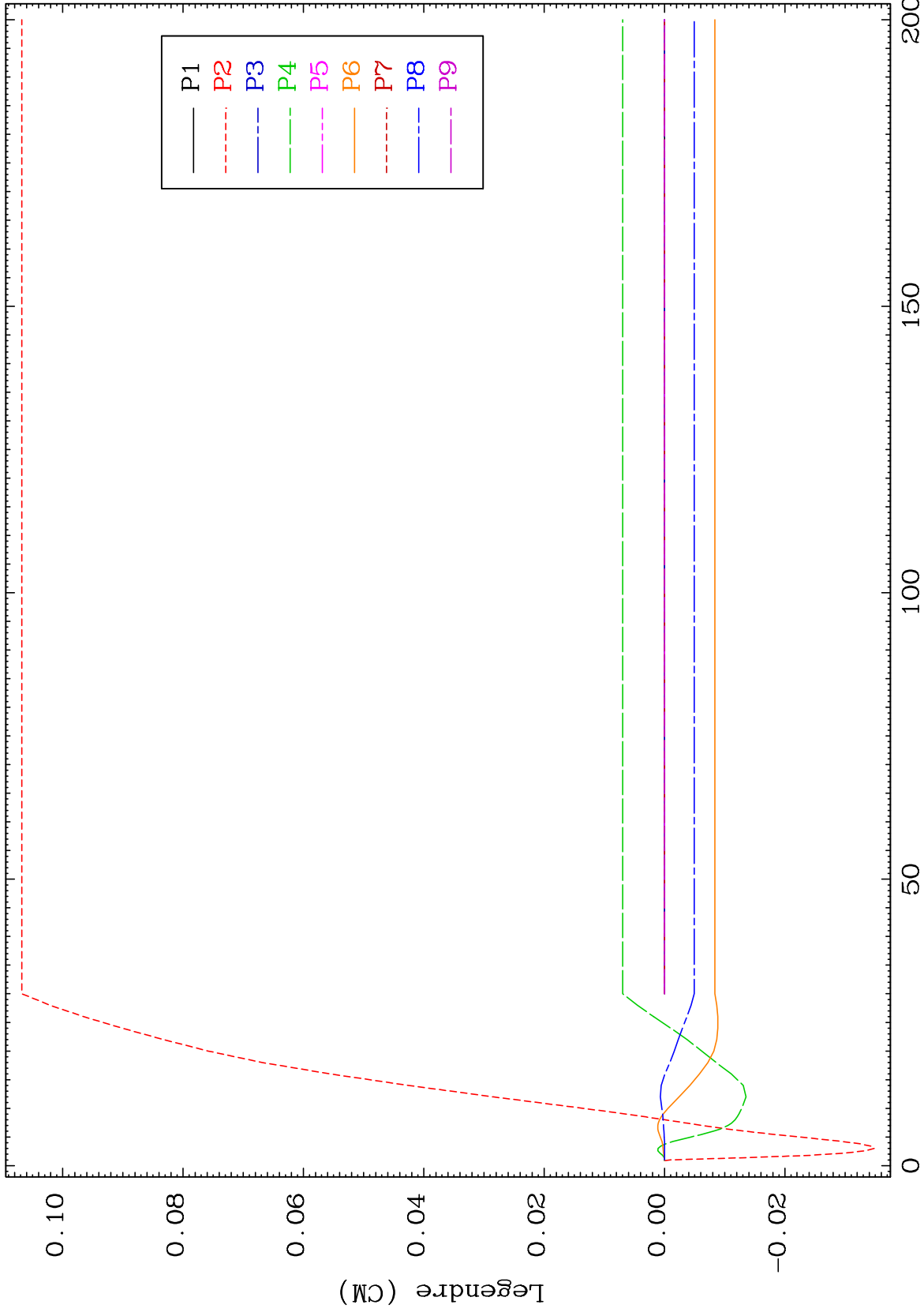




MAT 4519

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

45-Rh-101



45-Rh-101

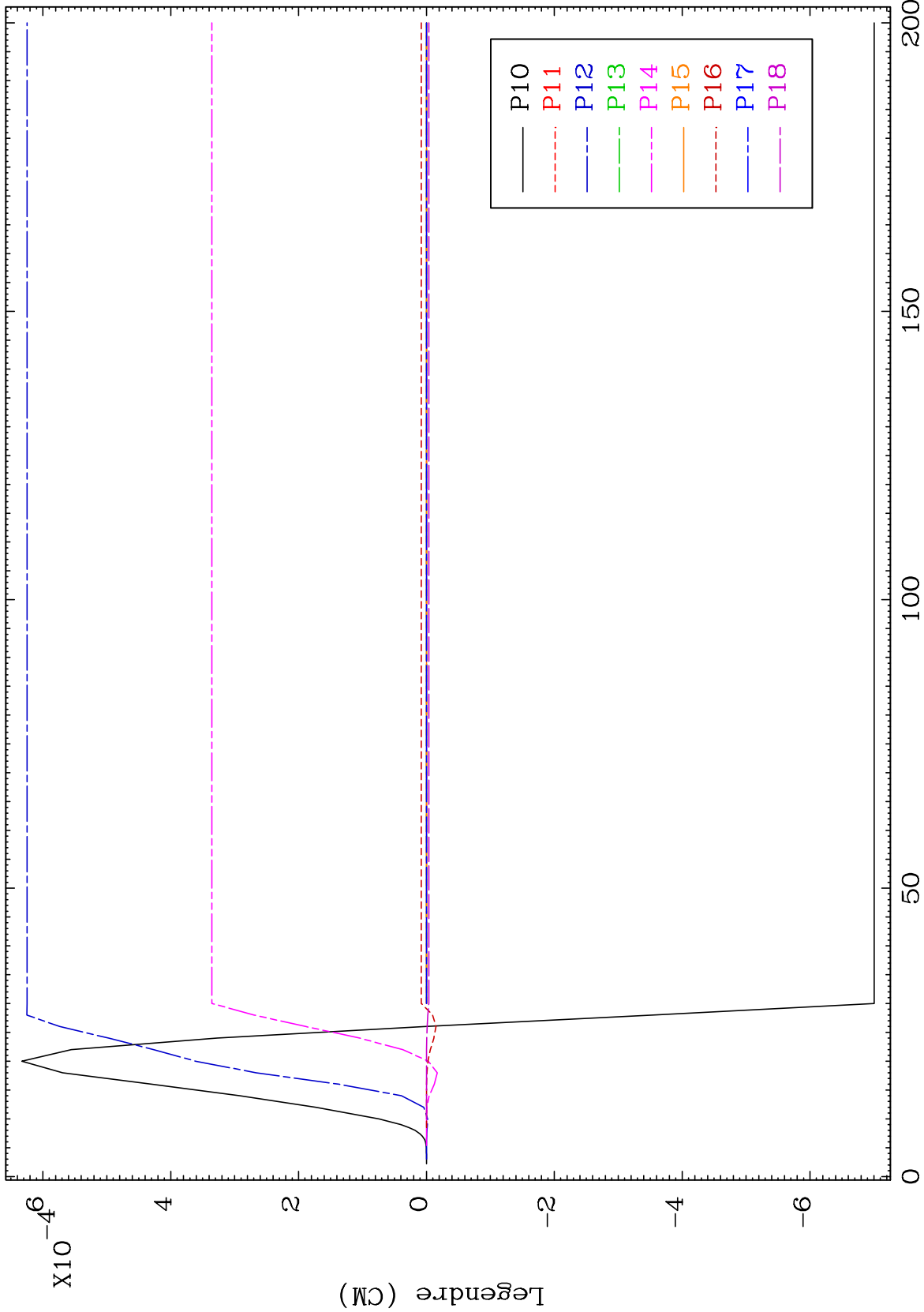
Incident Energy (MeV)

41

MAT 4519

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

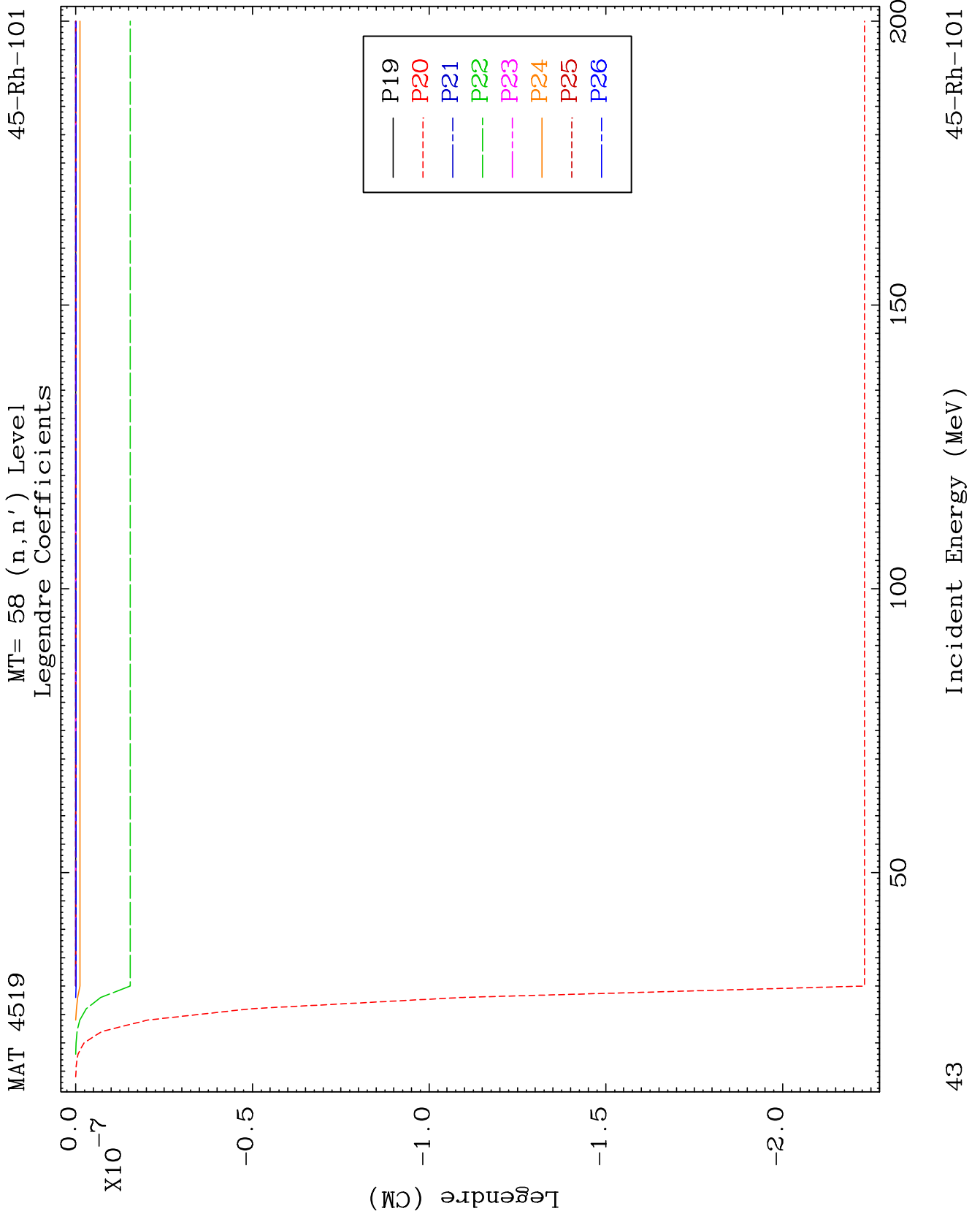
45-Rh-101



42

Incident Energy (MeV)

45-Rh-101

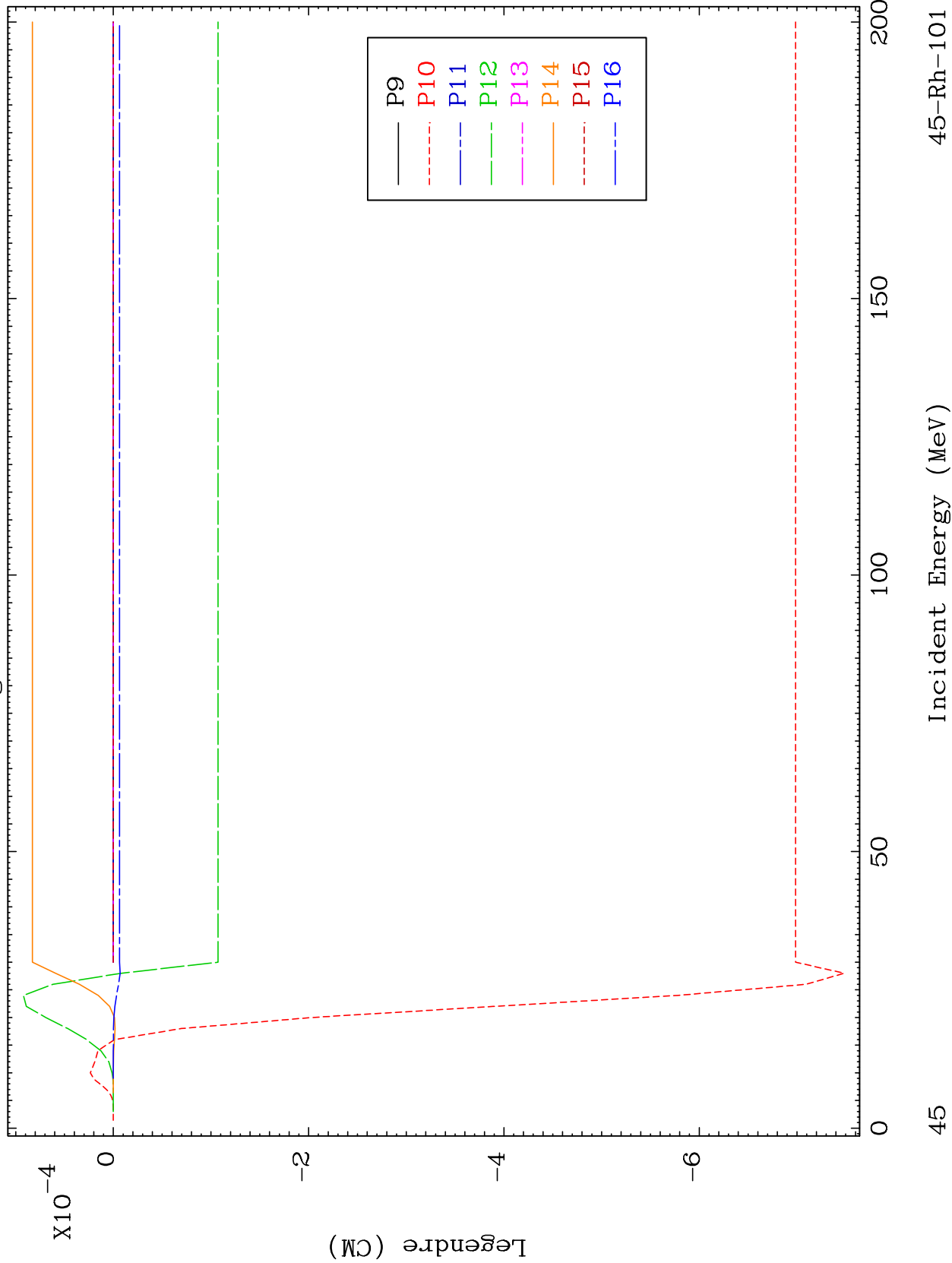




MAT 4519

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

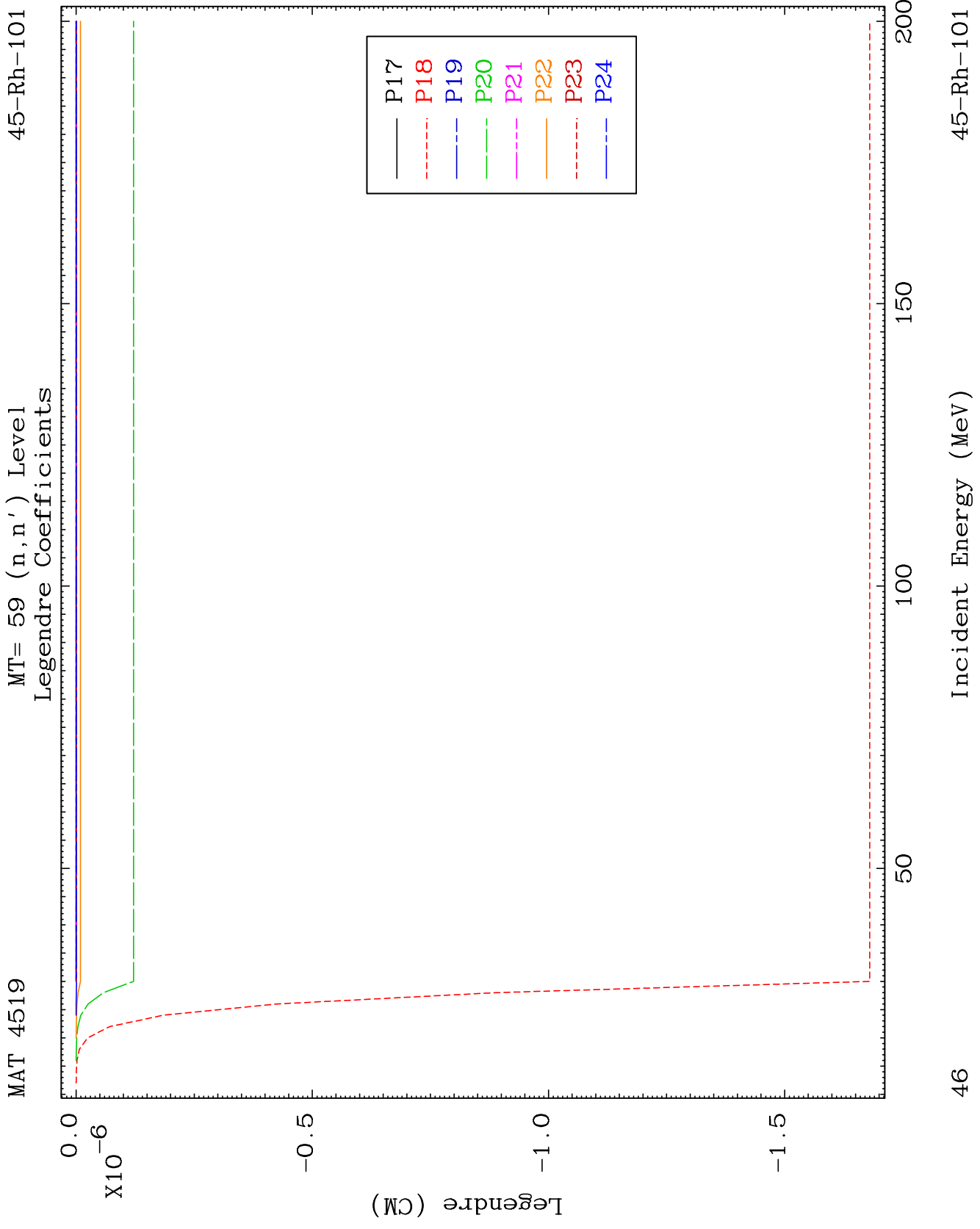
45-Rh-101



45-Rh-101

Incident Energy (MeV)

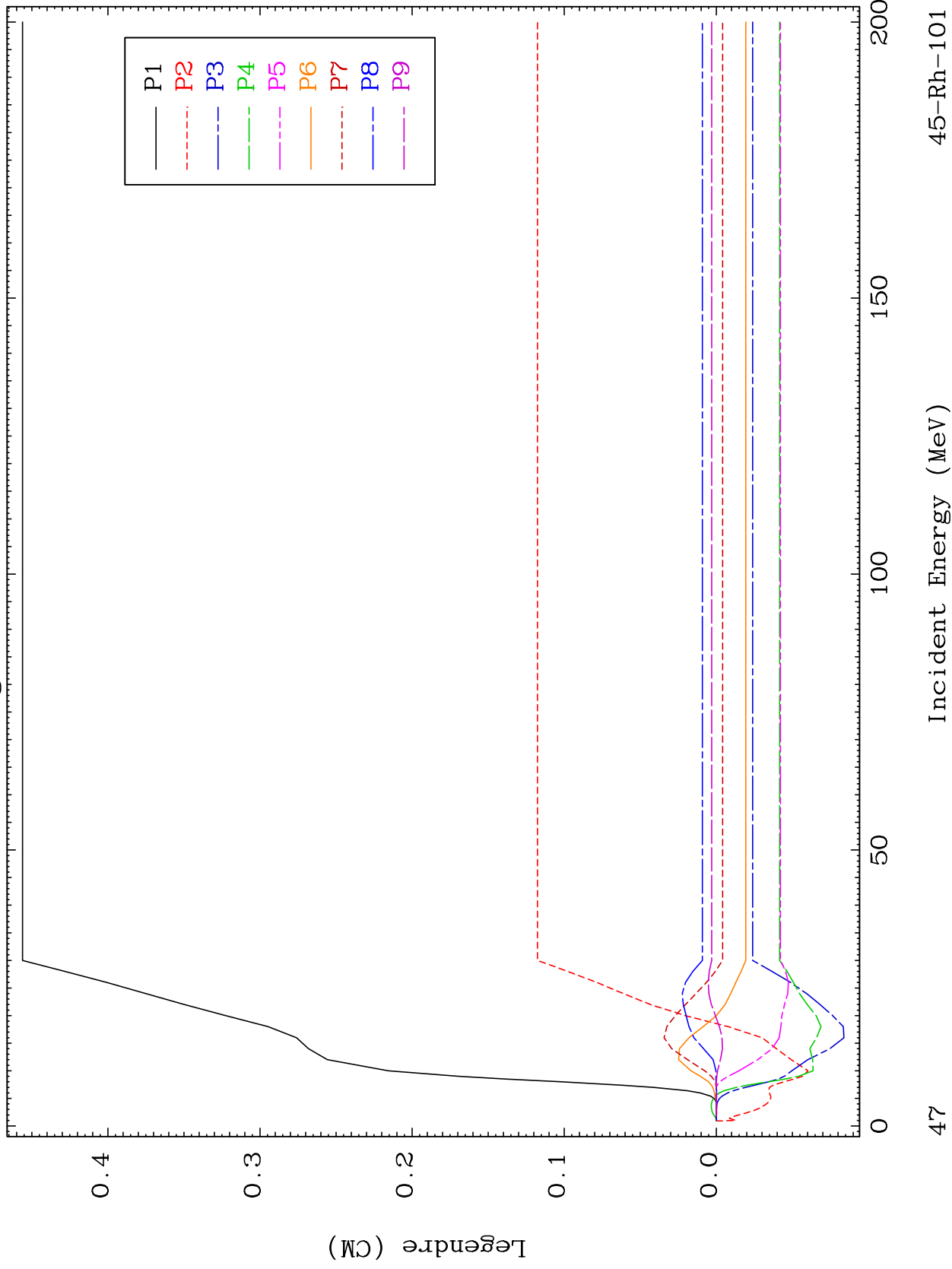
45



MAT 4519

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

45-Rh-101



47

Incident Energy (MeV)

45-Rh-101

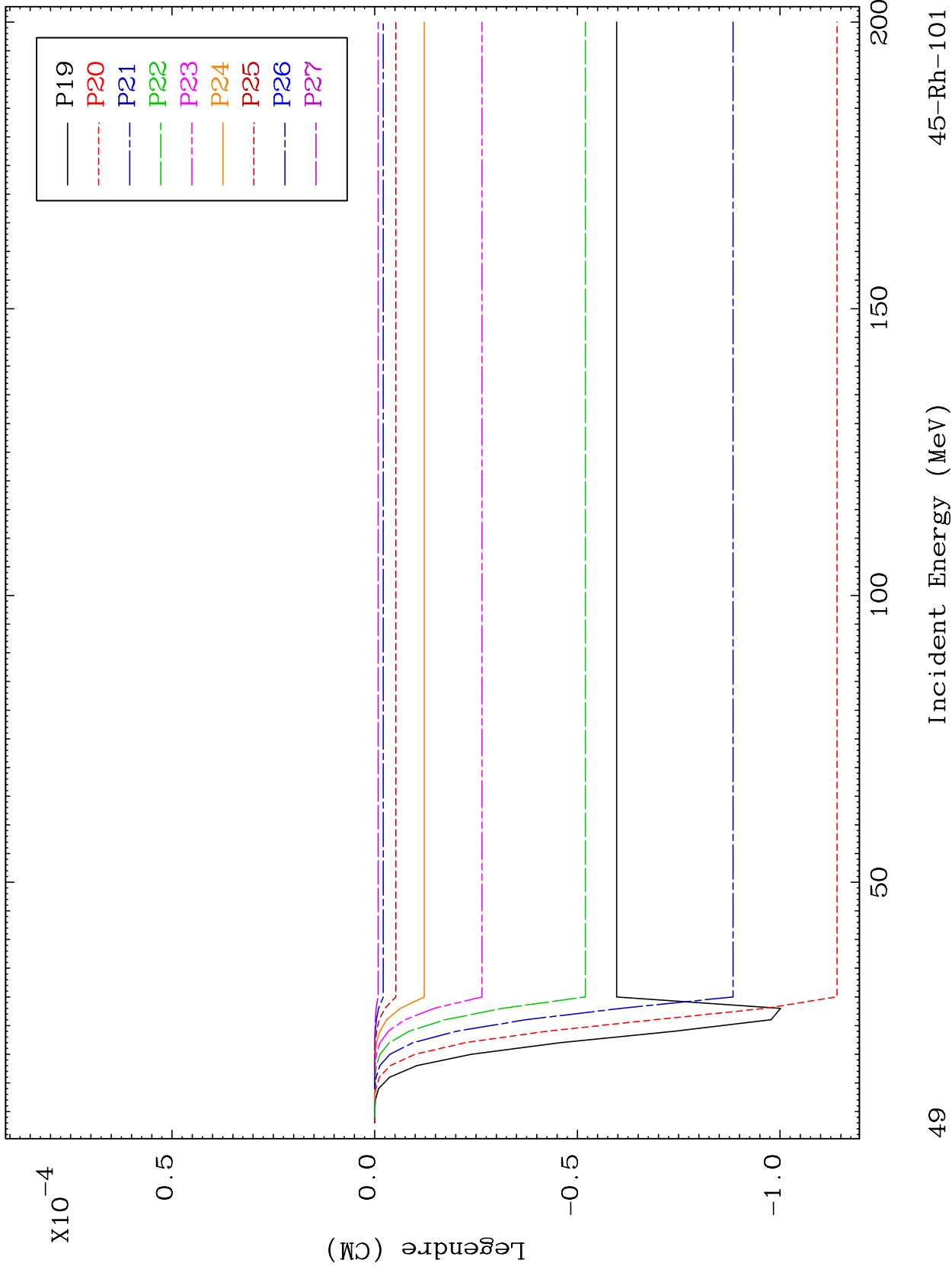




MAT 4519

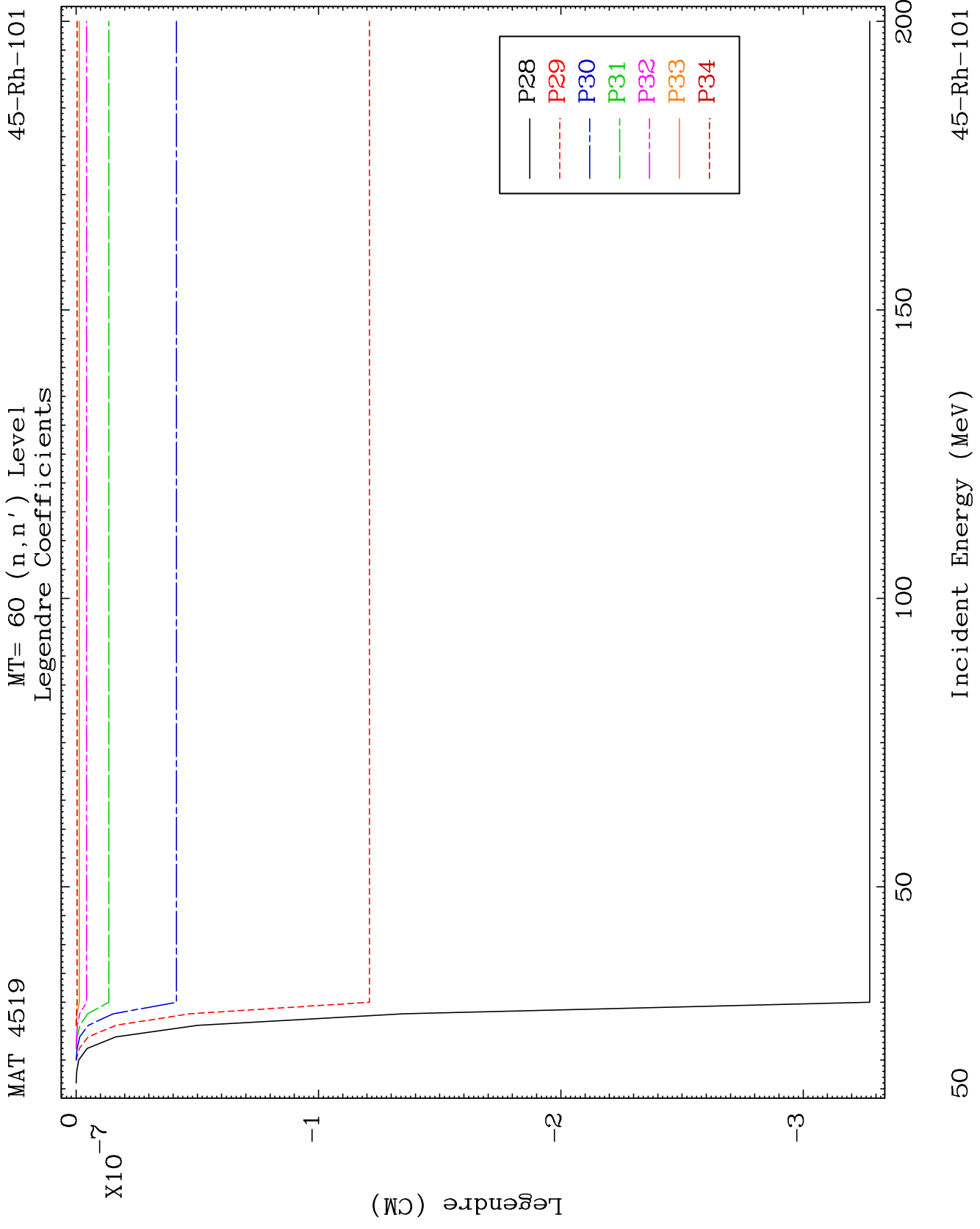
MT= 60 (n,n') Level  
Legendre Coefficients

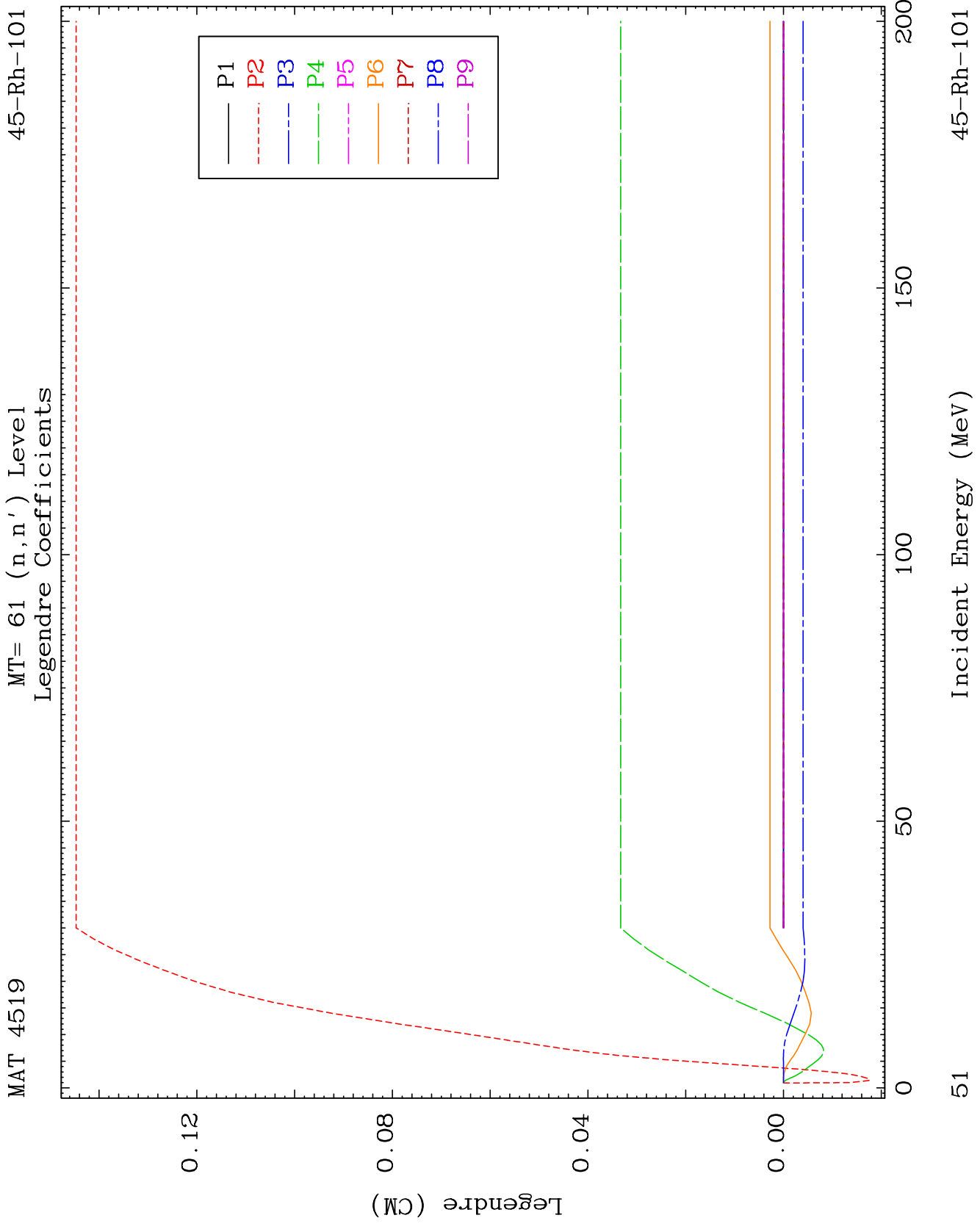
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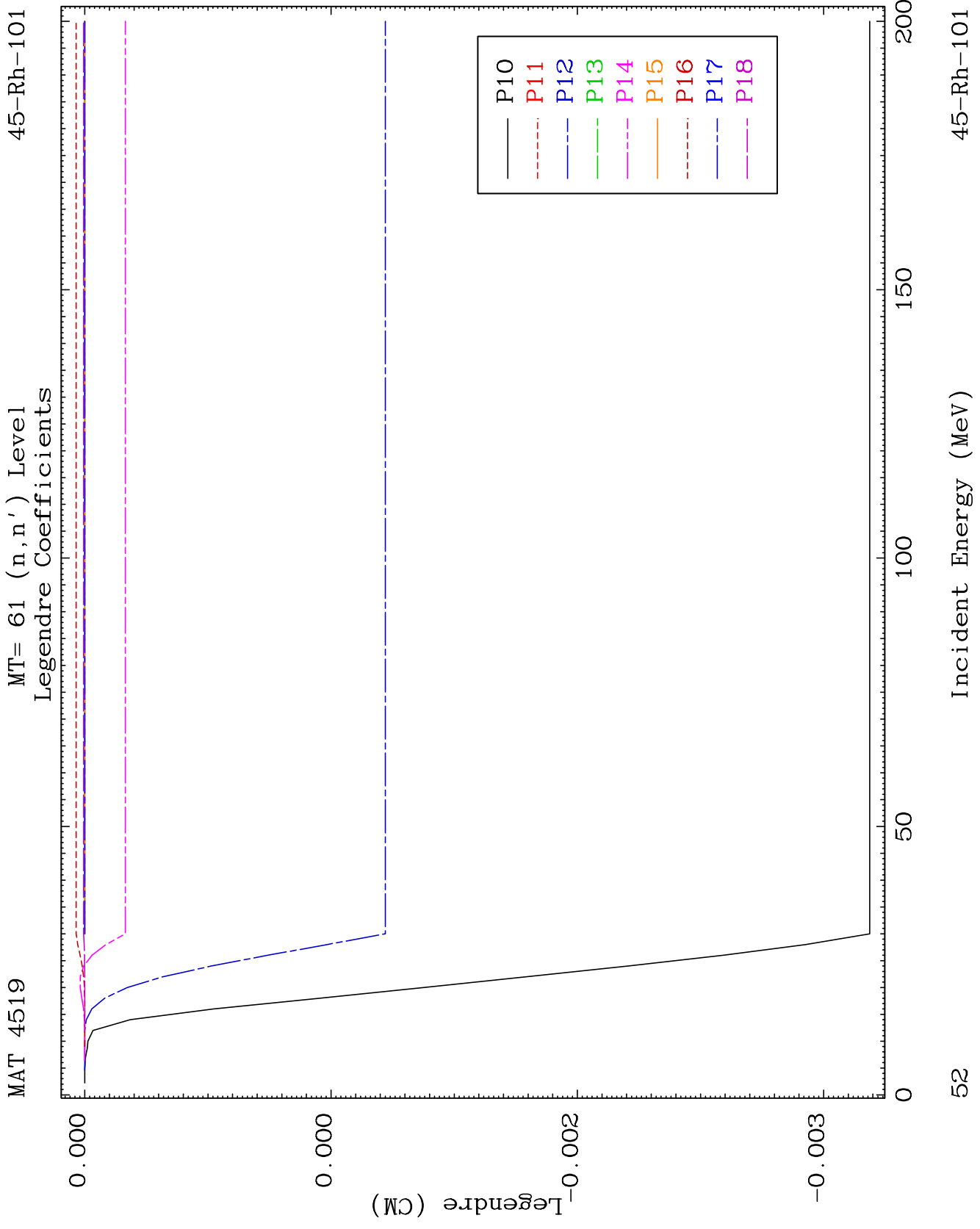


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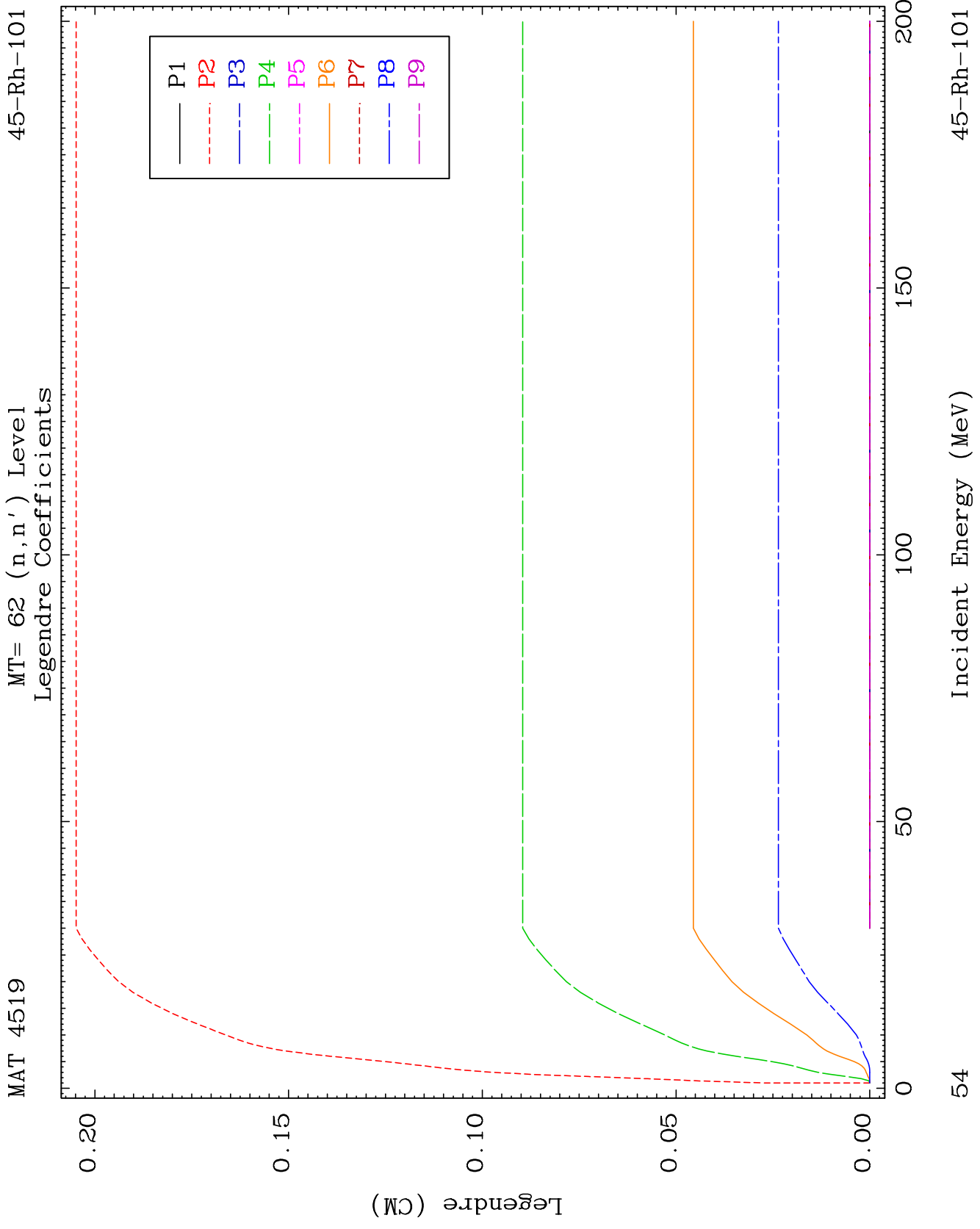
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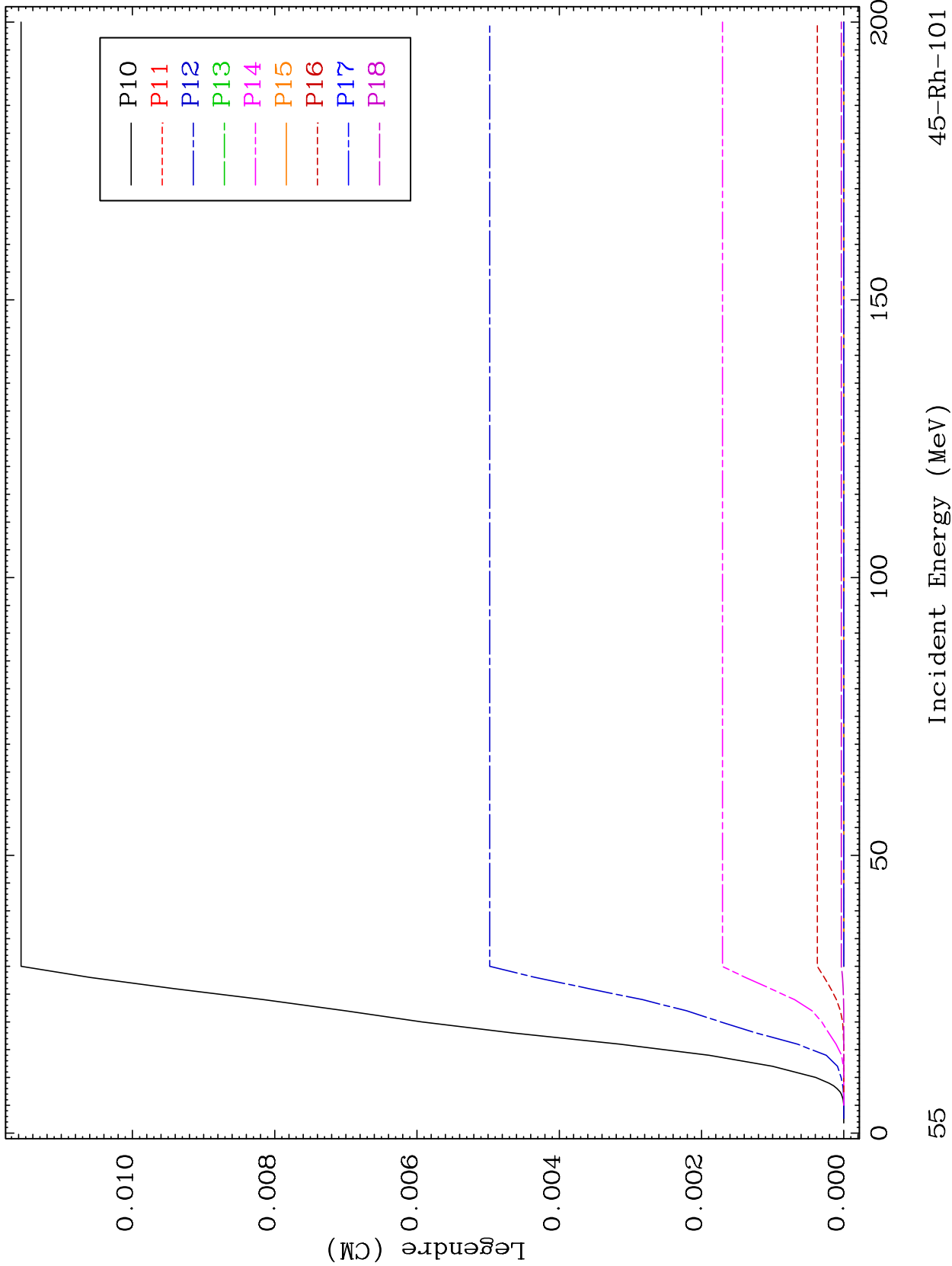




MAT 4519

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

45-Rh-101

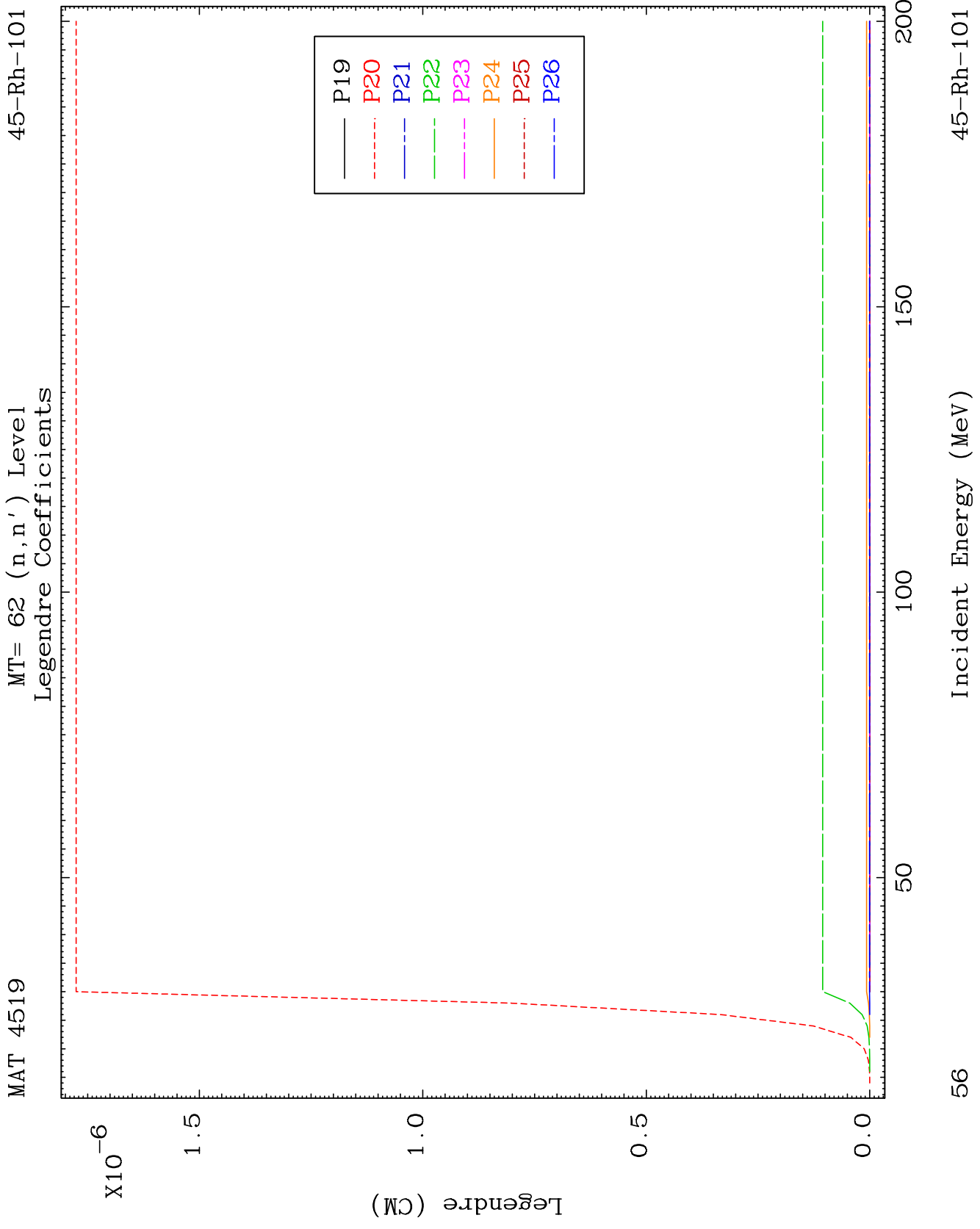


55

Incident Energy (MeV)

45-Rh-101

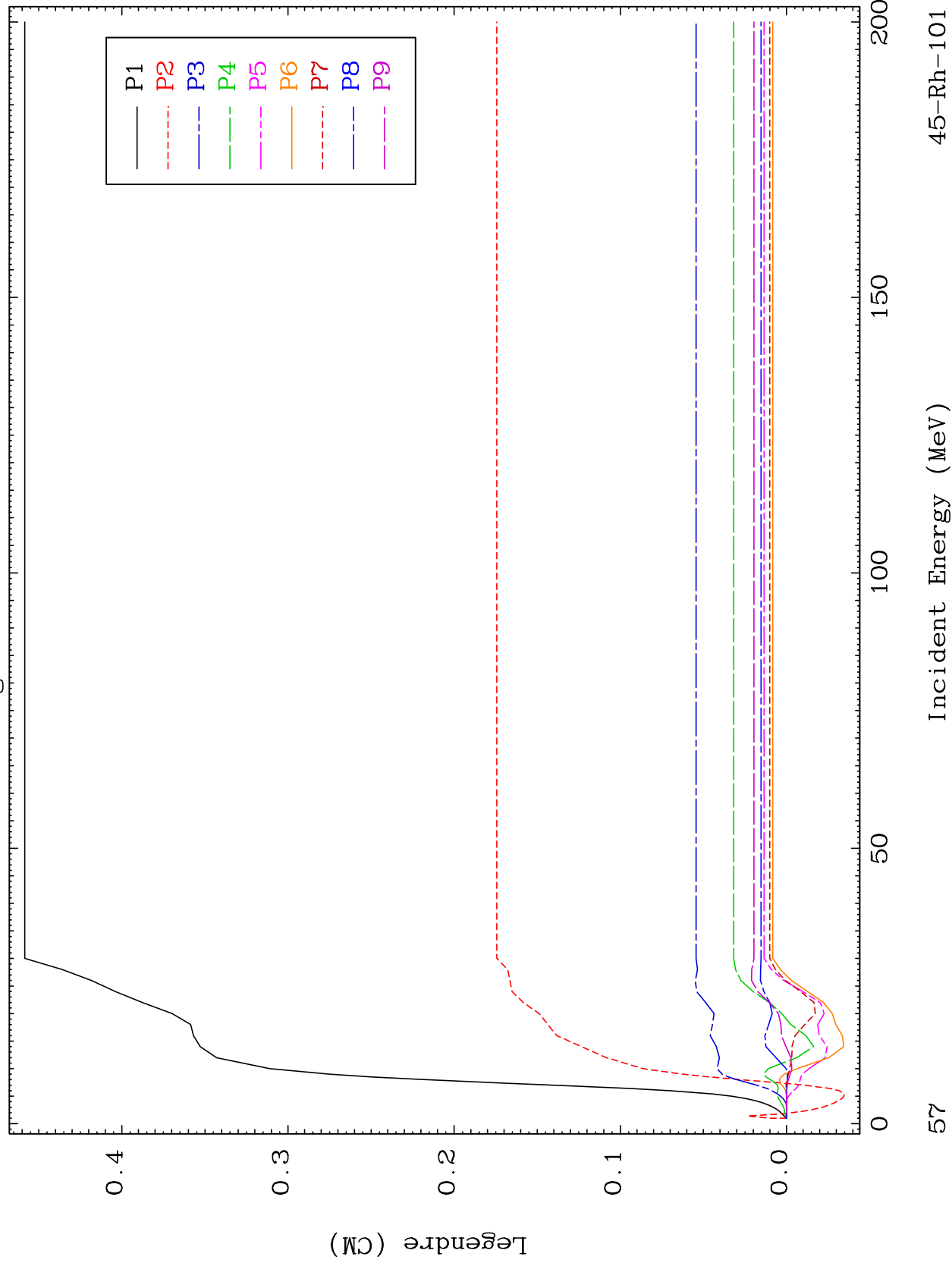




MAT 4519

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

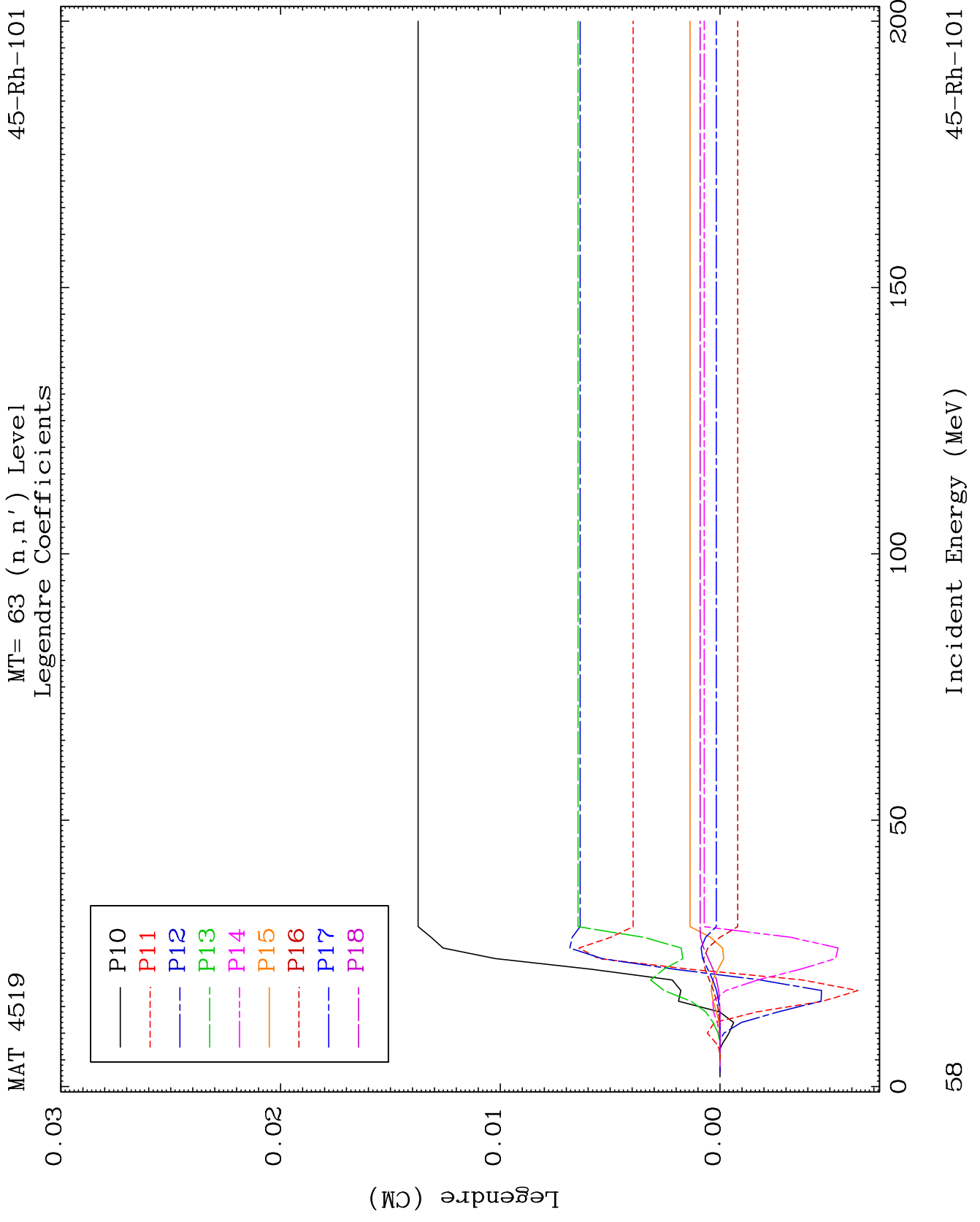
45-Rh-101



57

Incident Energy (MeV)

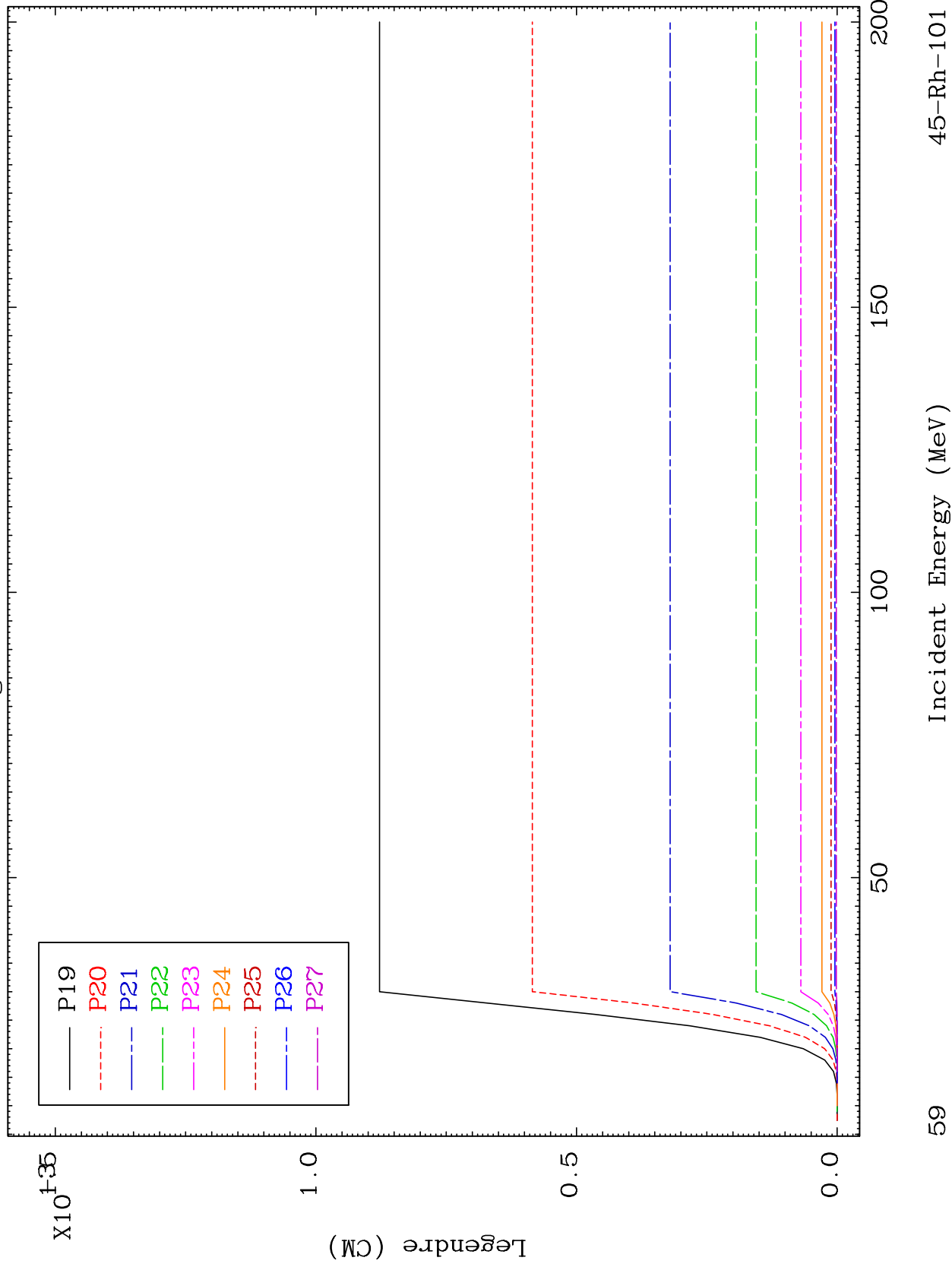
45-Rh-101



MAT 4519

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

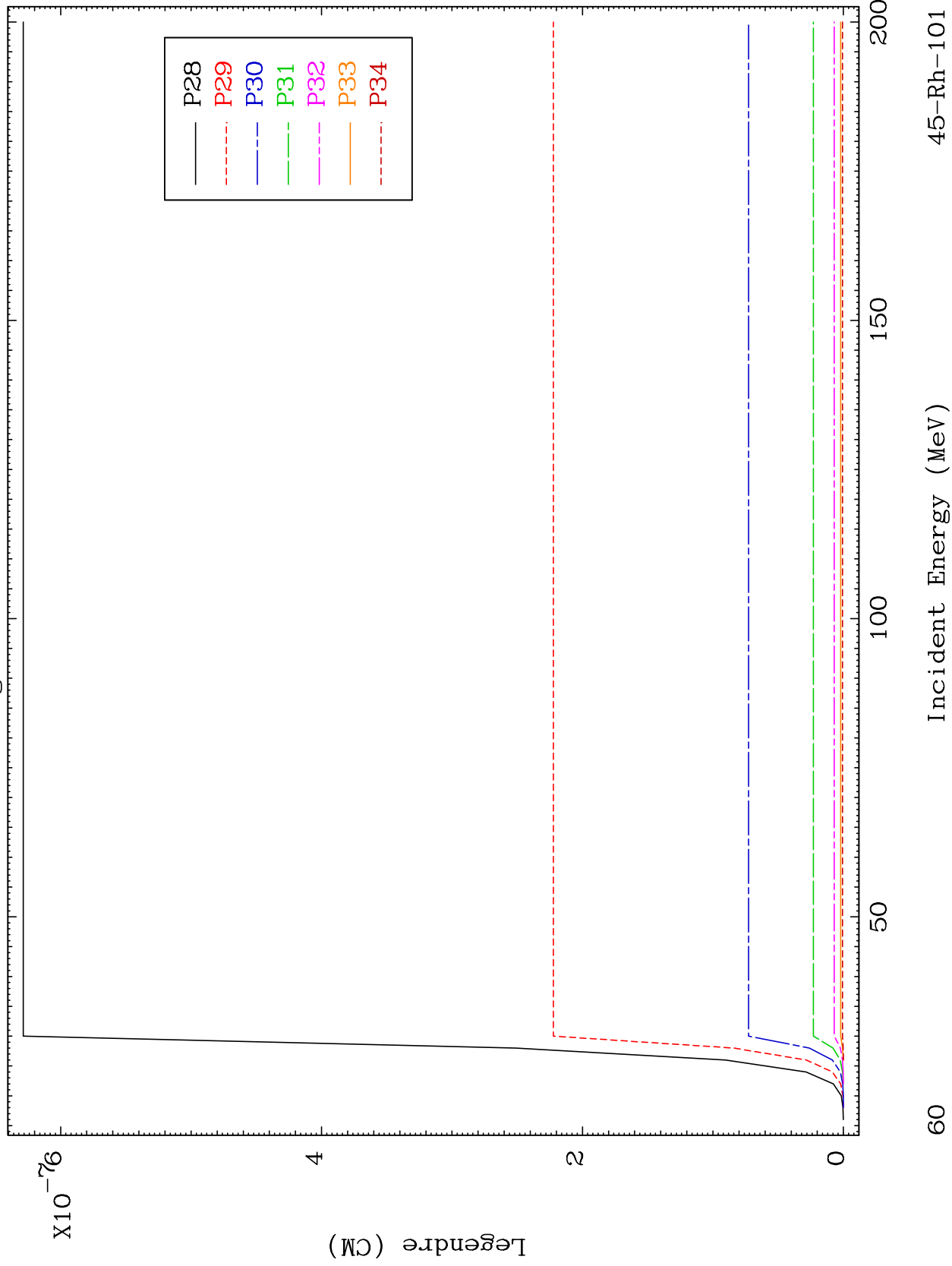
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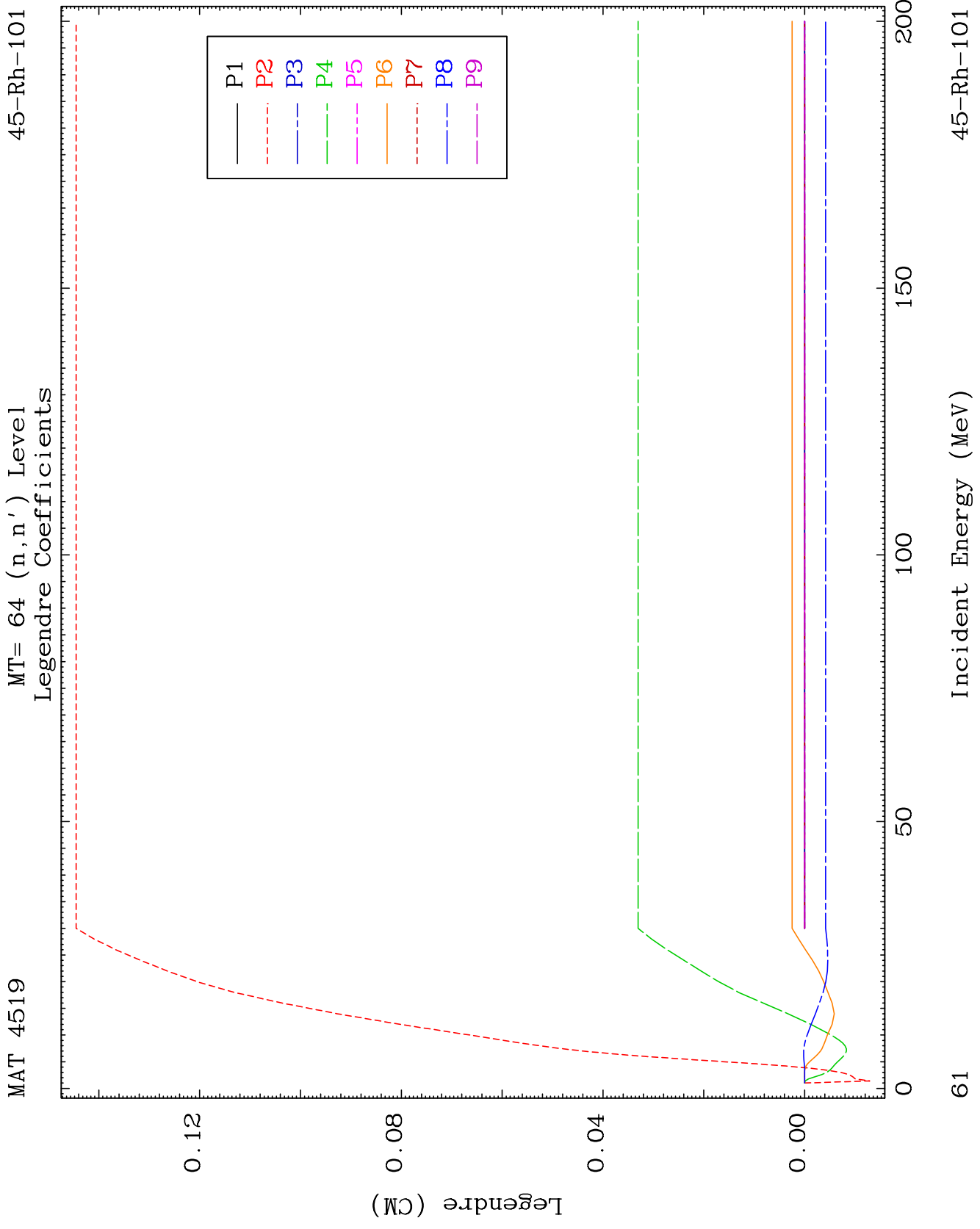


MAT 4519

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

45-Rh-101



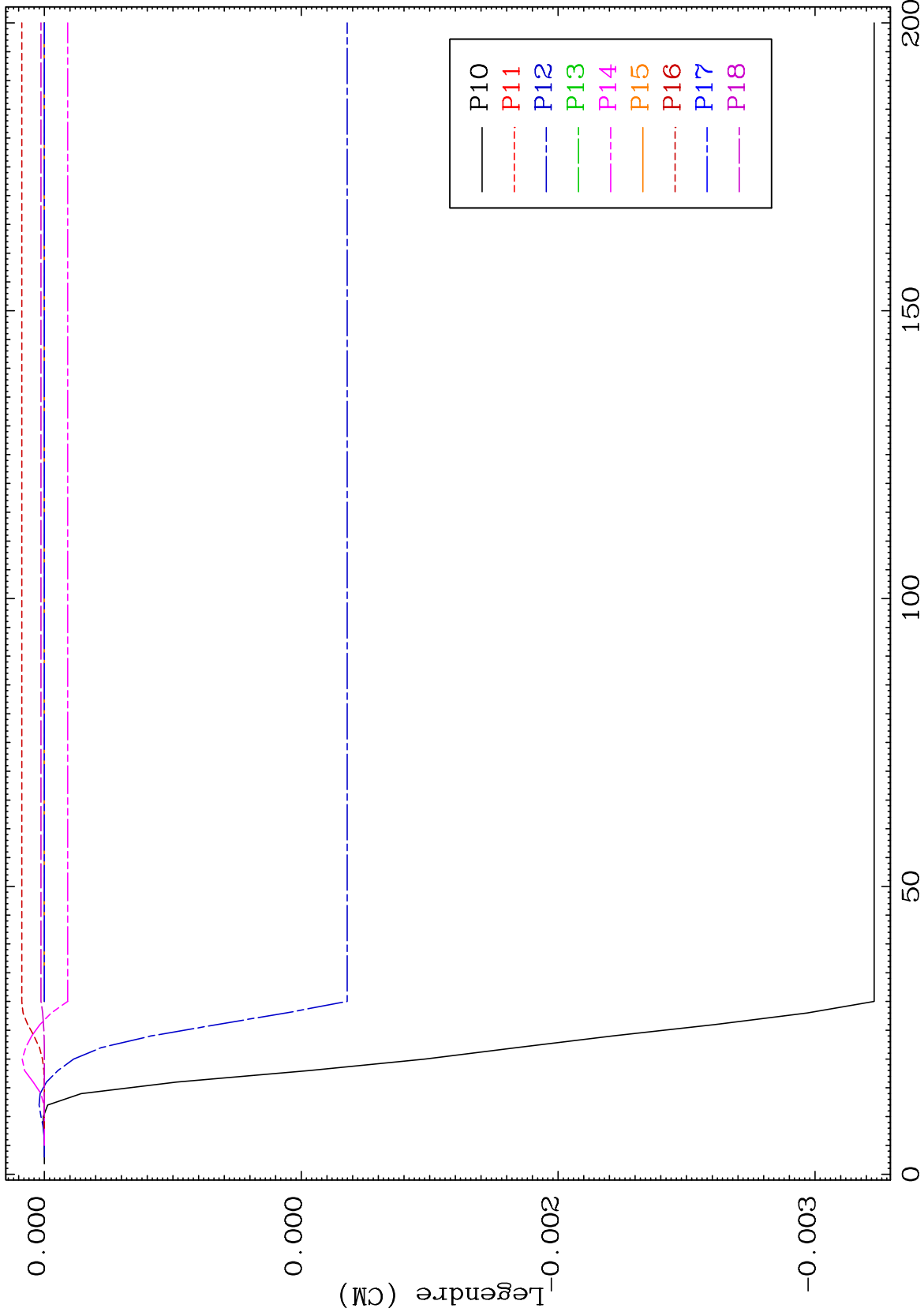


MAT 4519

MT= 64 (n,n') Level

45-Rh-101

Legendre Coefficients



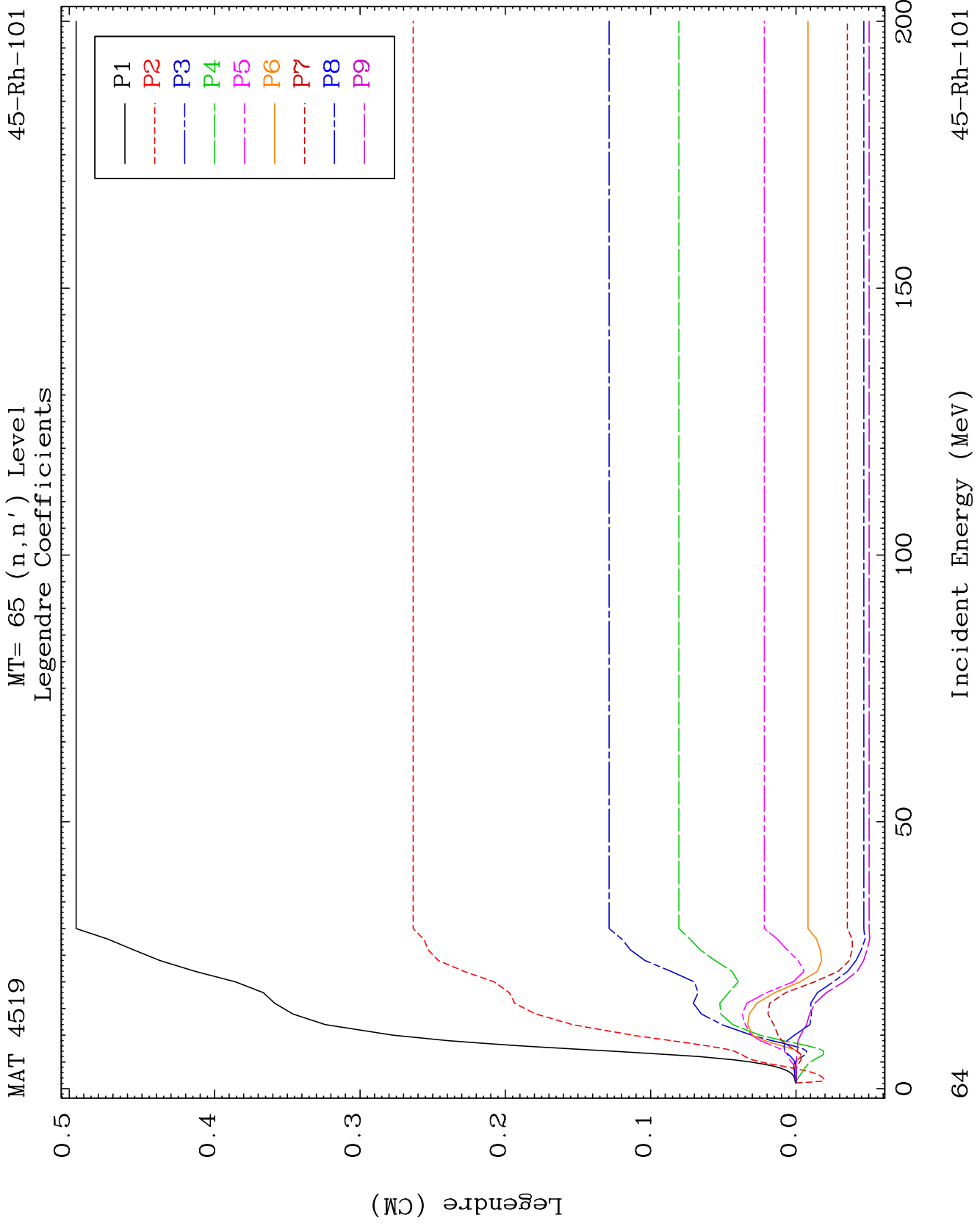
62

Incident Energy (MeV)

45-Rh-101



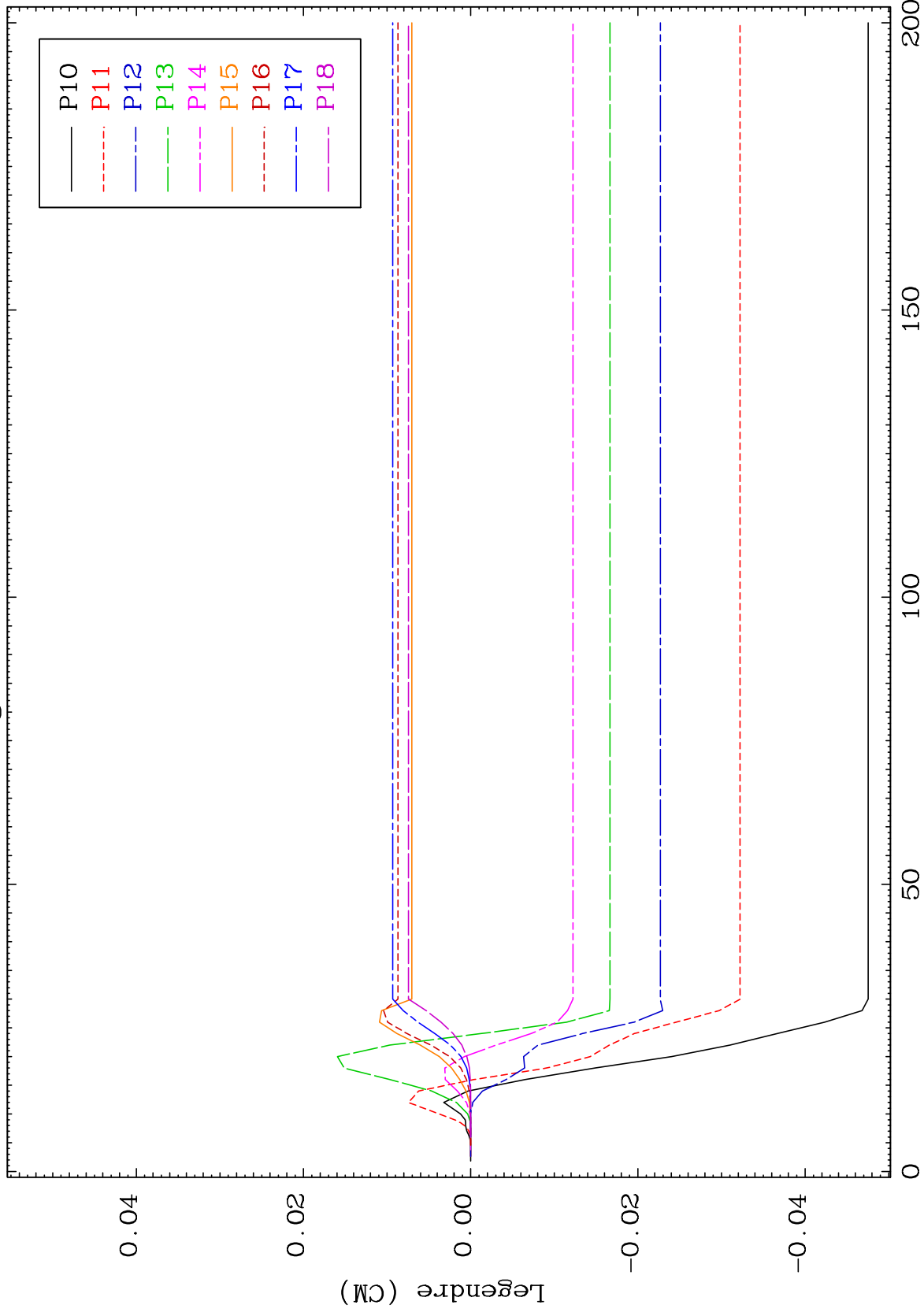




MAT 4519

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

45-Rh-101



65

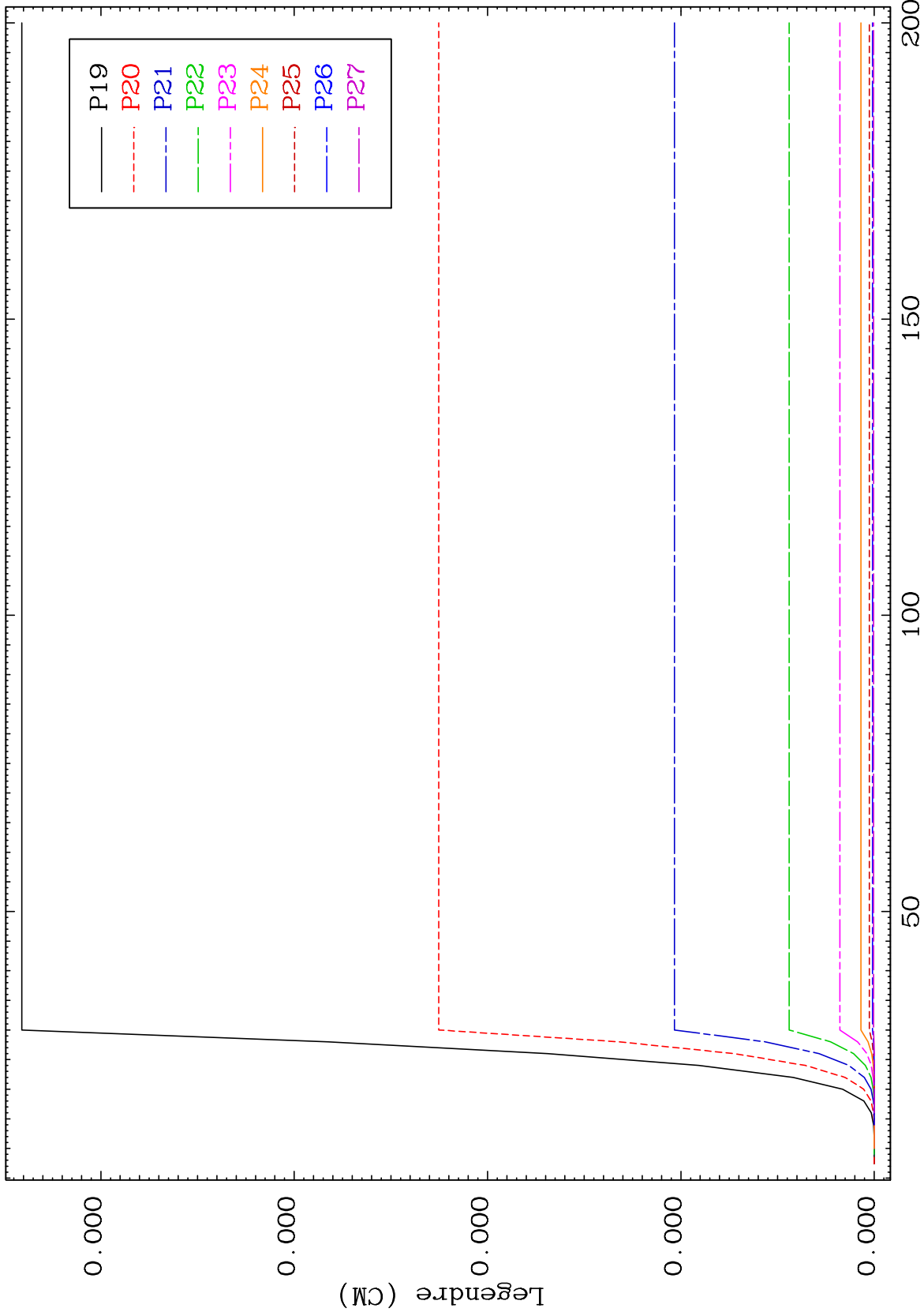
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

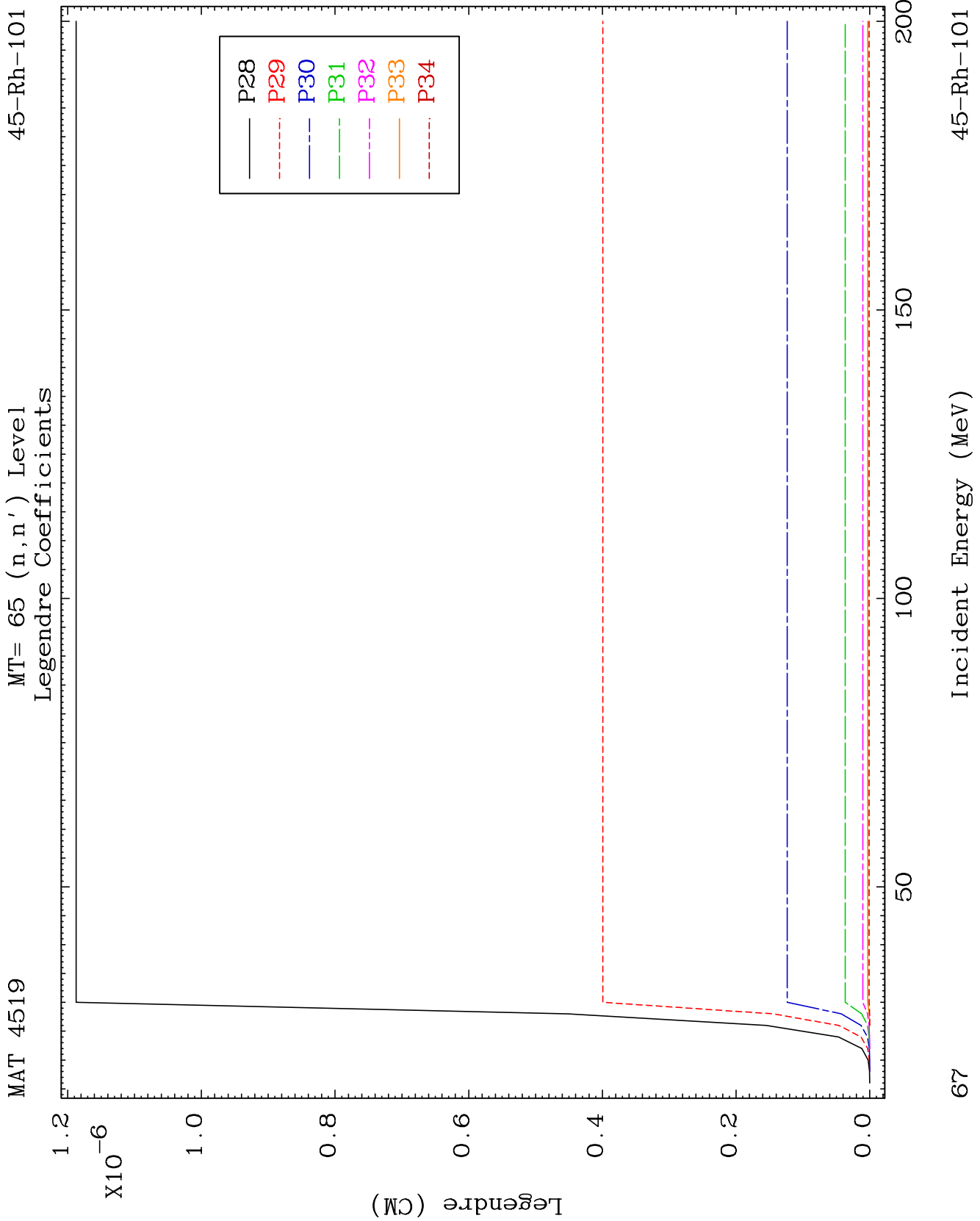
45-Rh-101



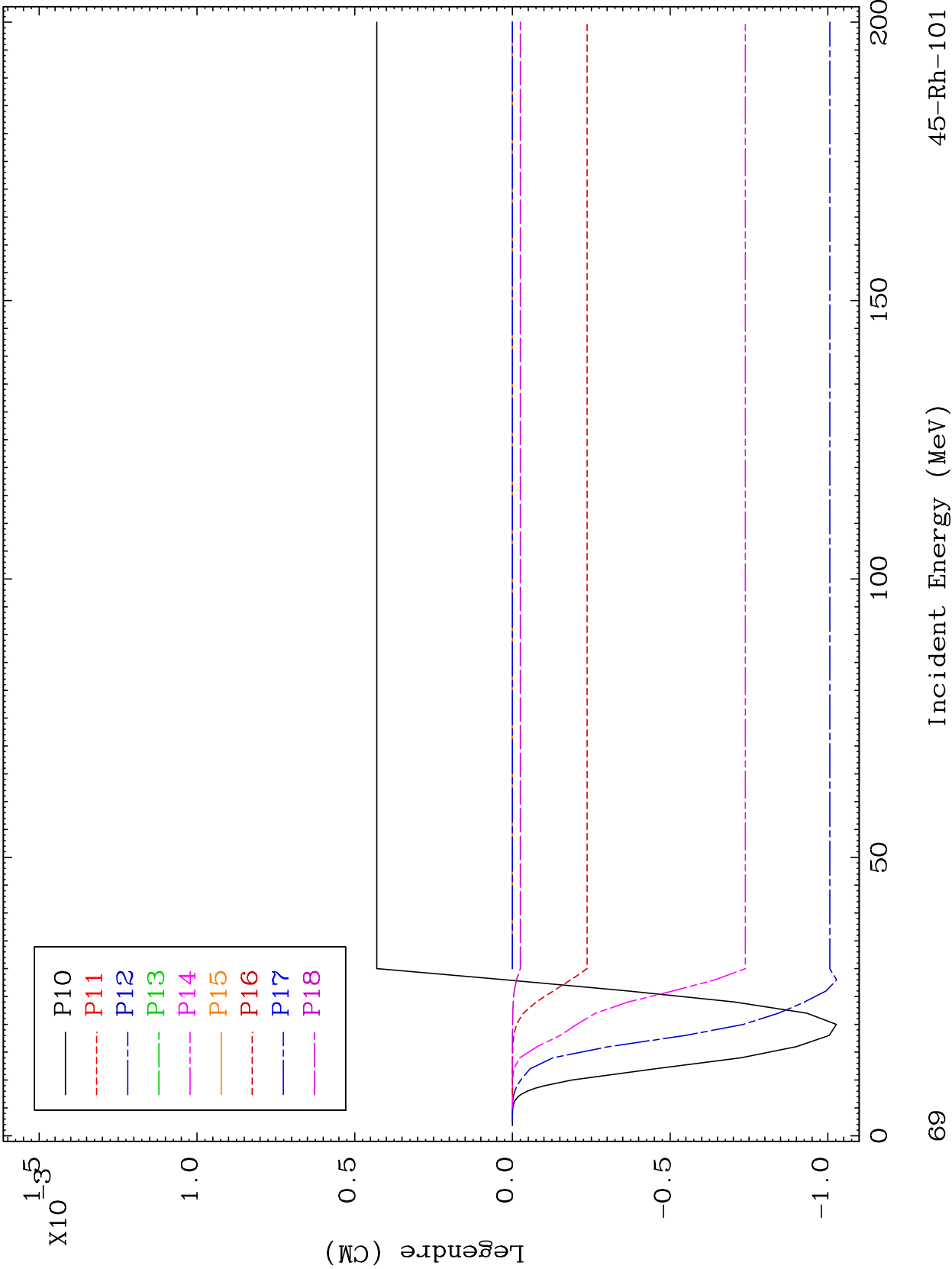
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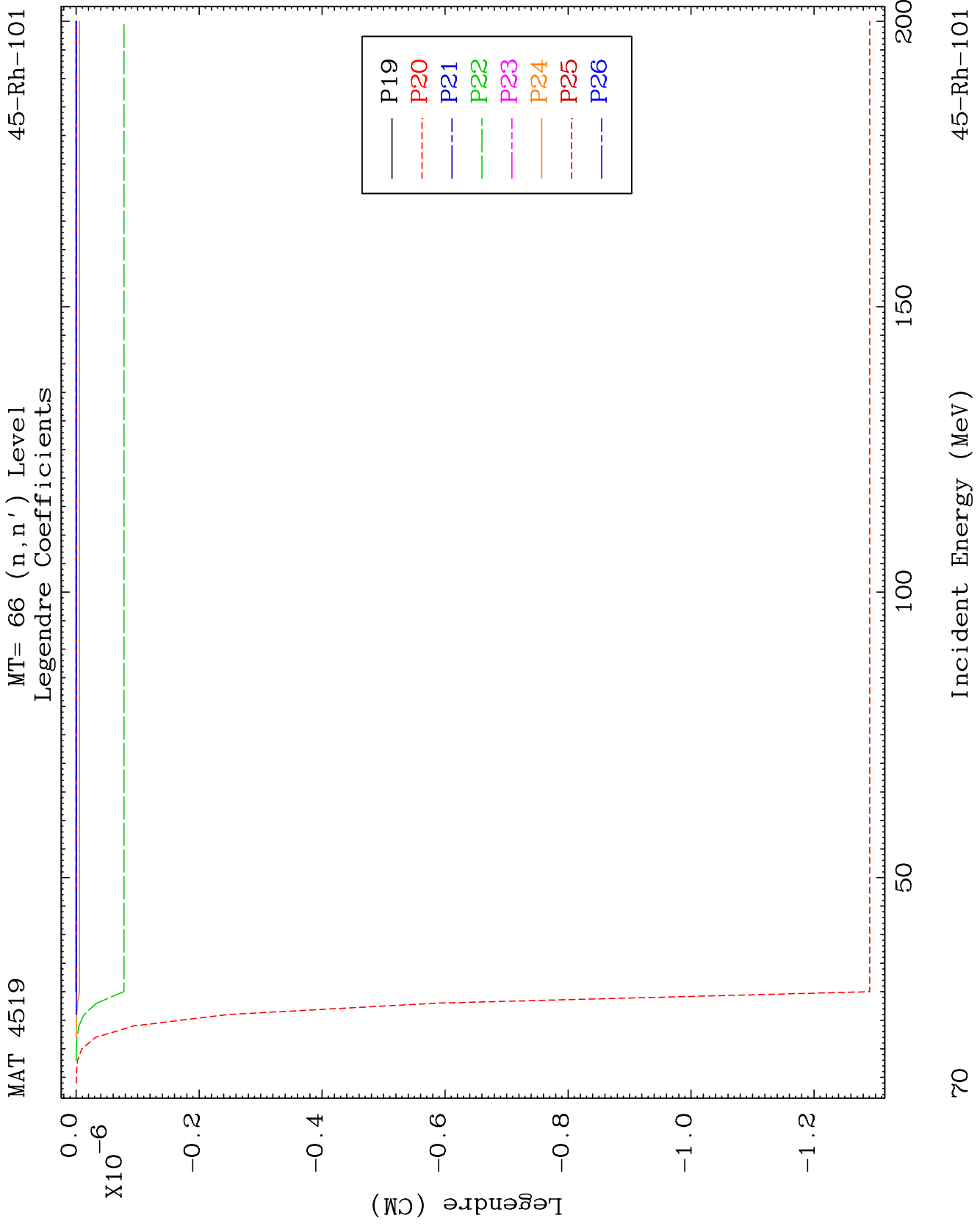
Incident Energy (MeV)

45-Rh-101







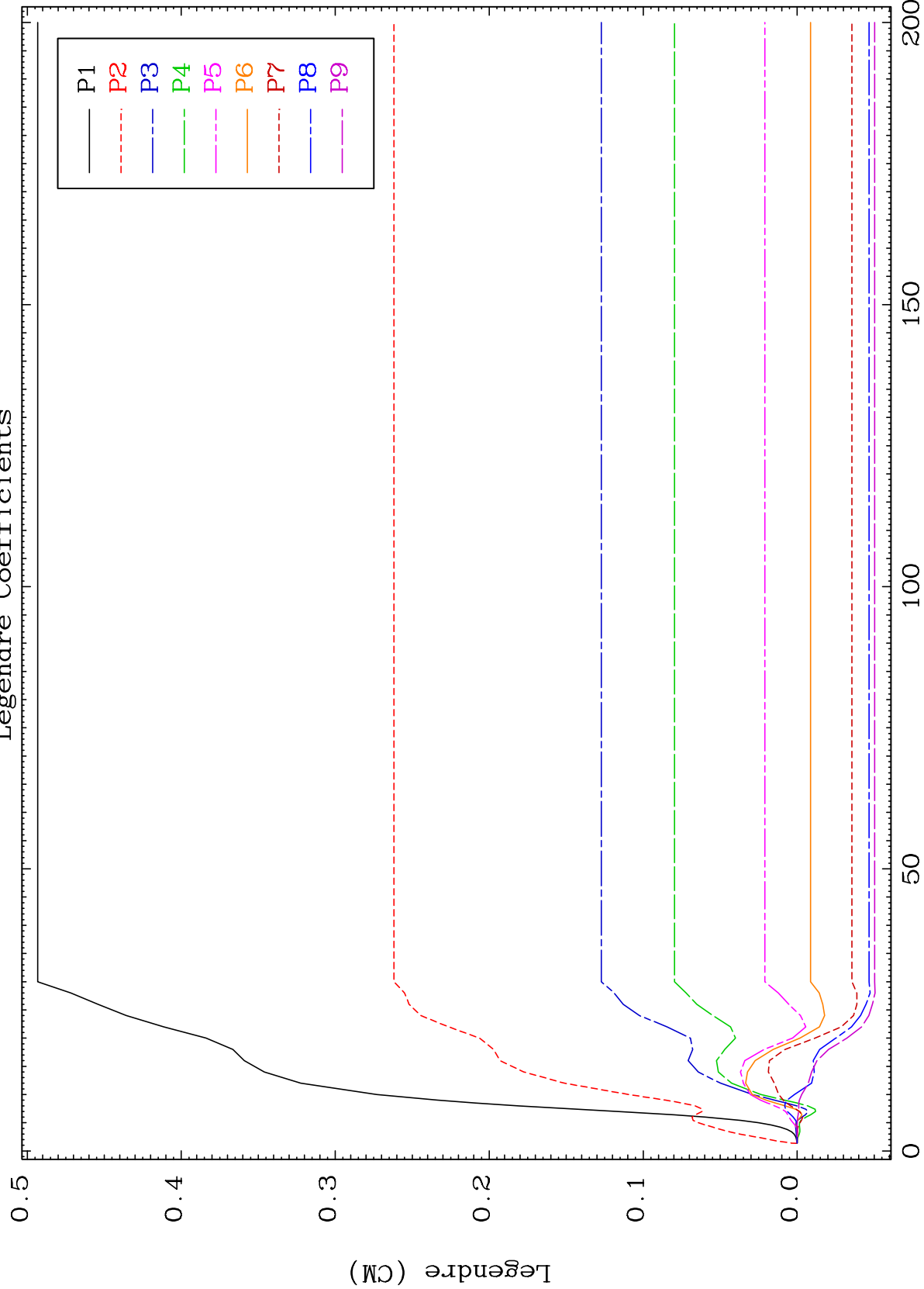


MAT 4519

MT= 67 (n,n') Level

45-Rh-101

Legendre Coefficients



71

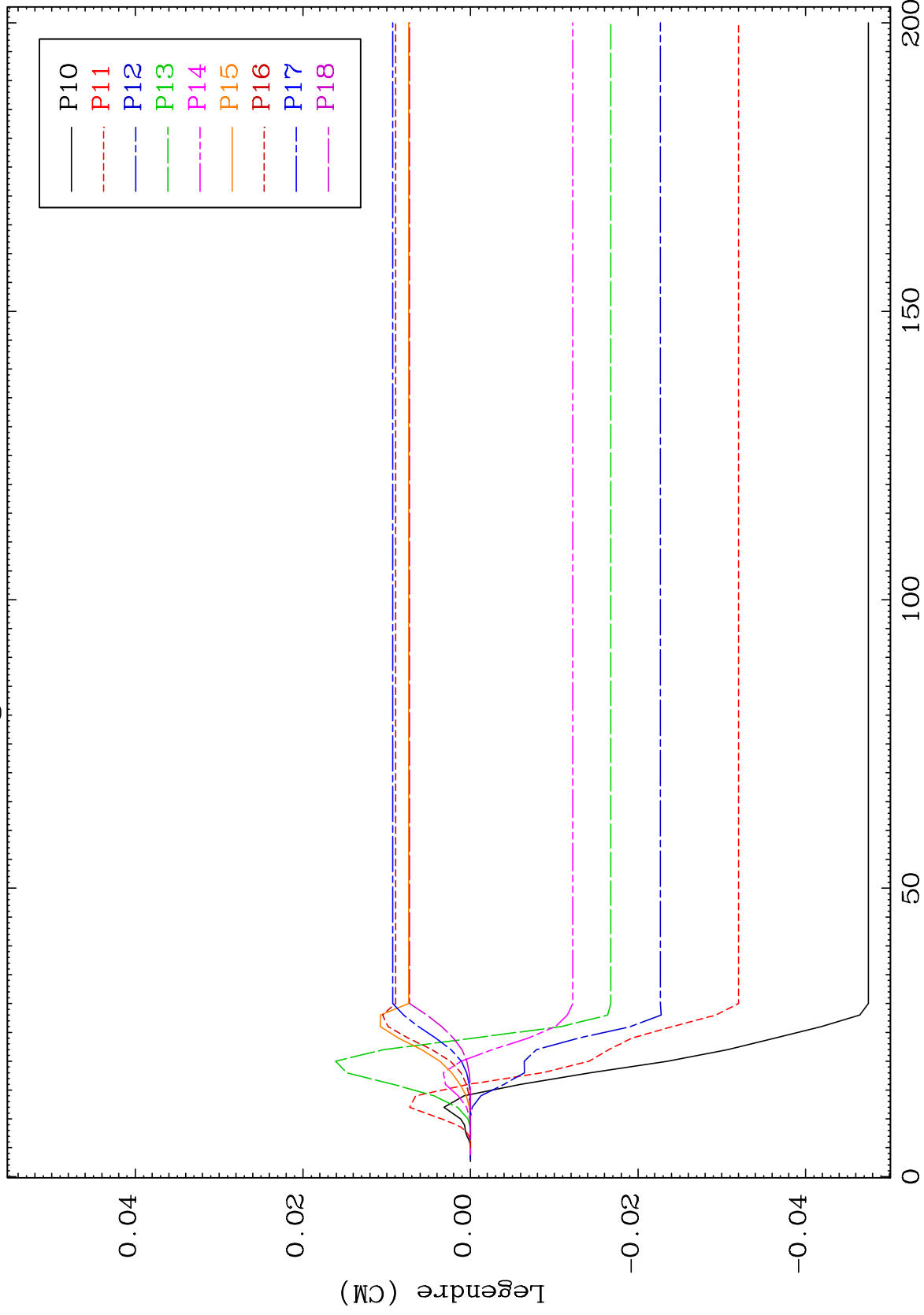
45-Rh-101



MAT 4519

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

45-Rh-101



72

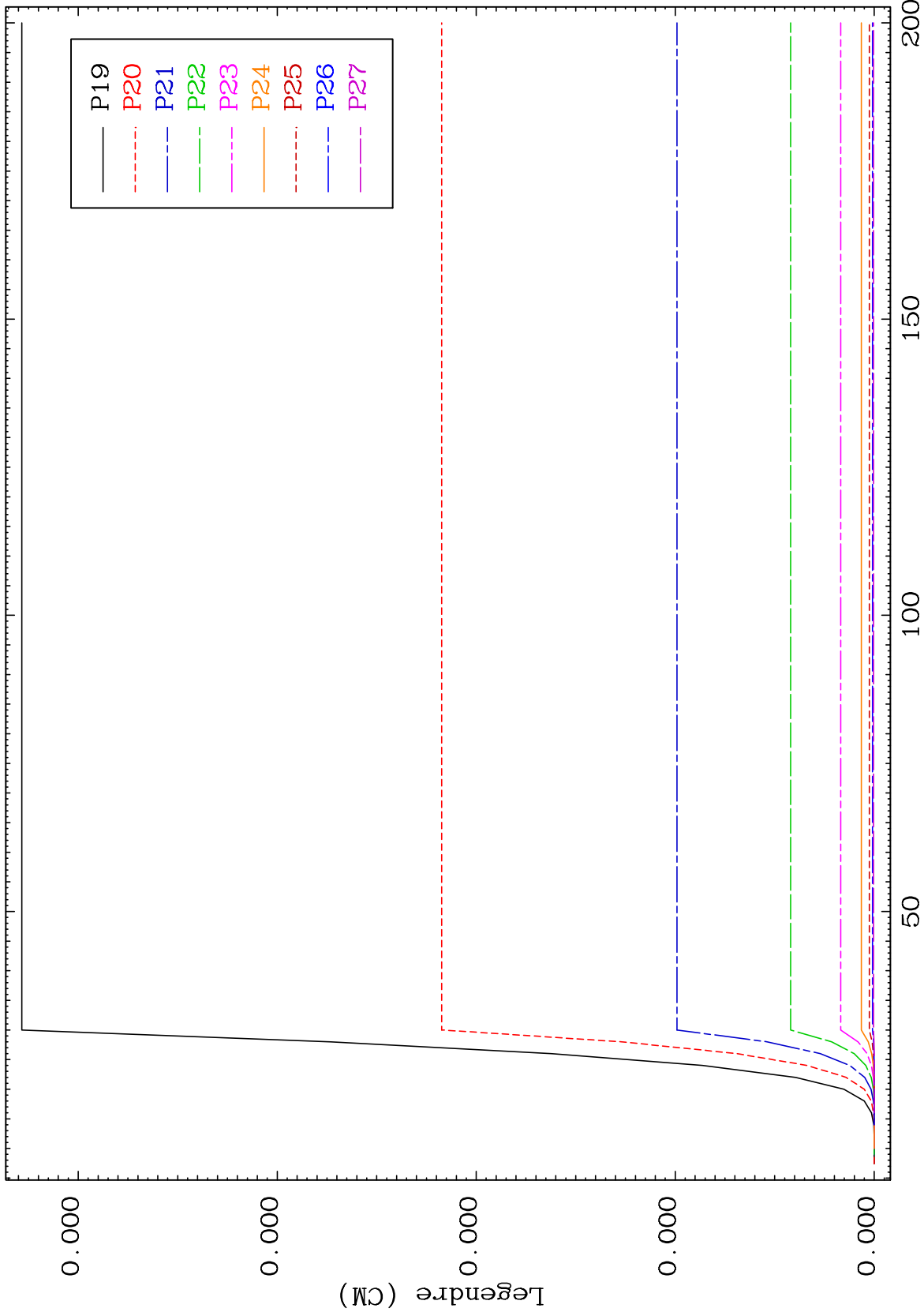
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

45-Rh-101



73

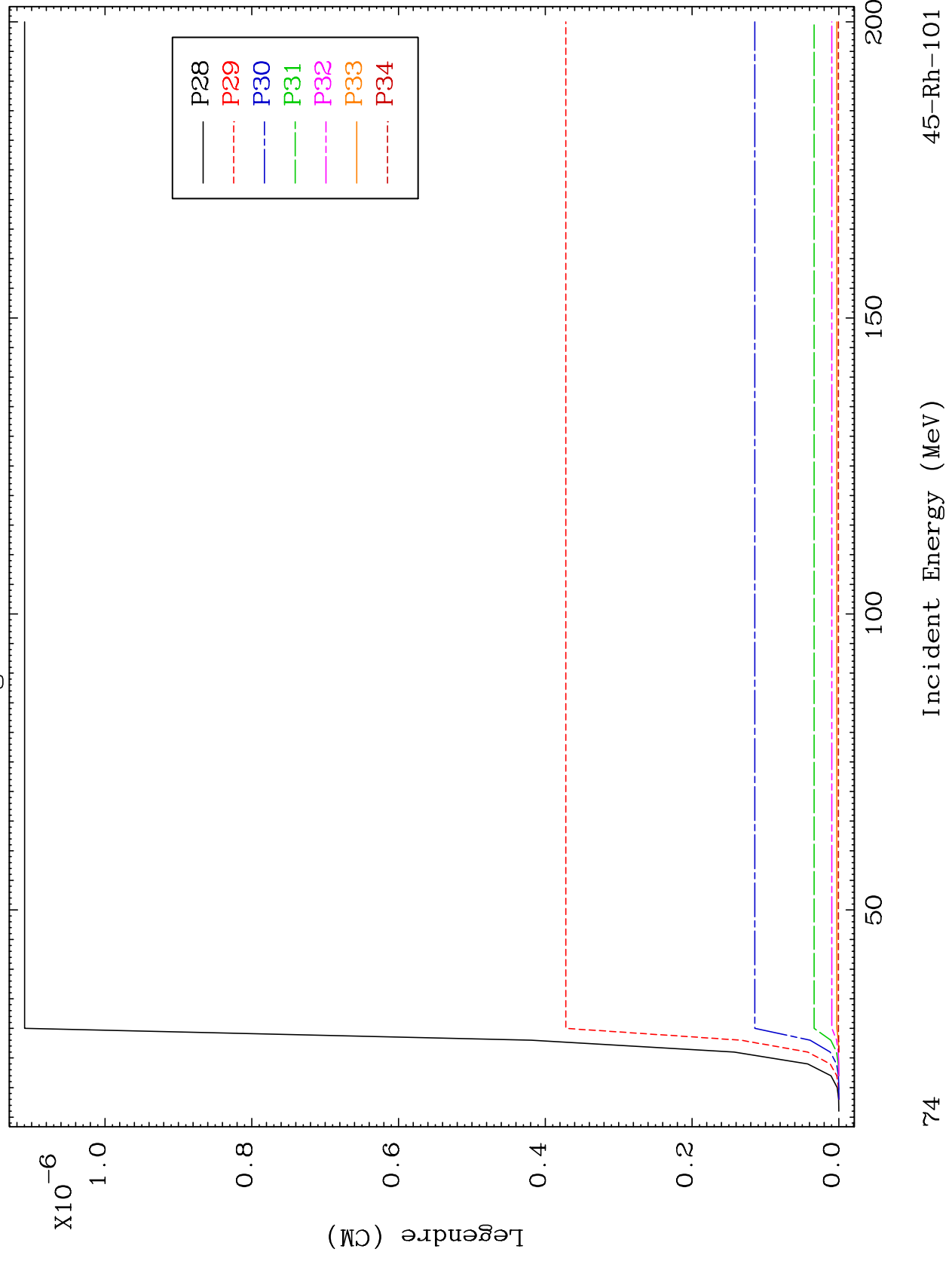
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

45-Rh-101



74

Incident Energy (MeV)

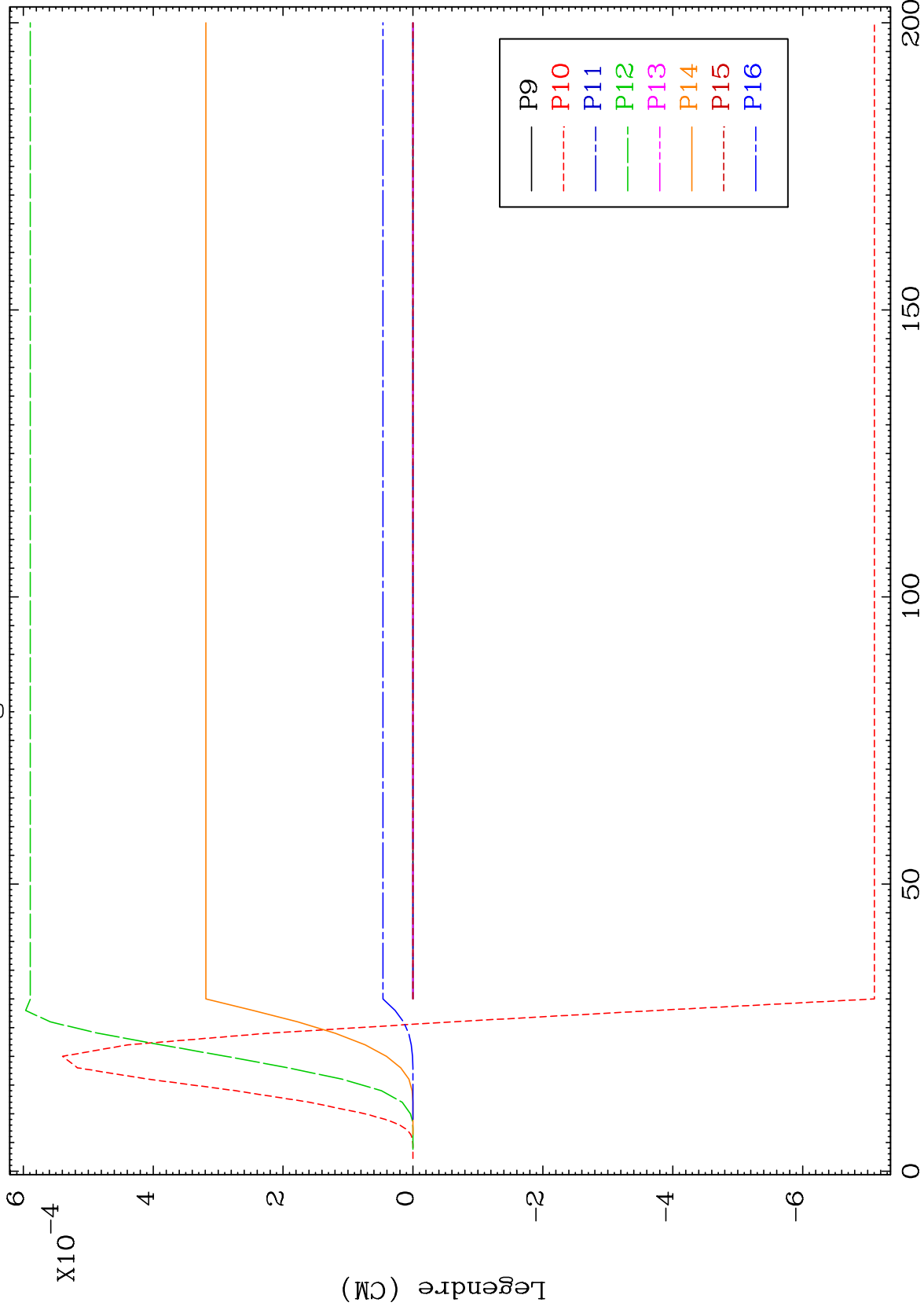
45-Rh-101



MAT 4519

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

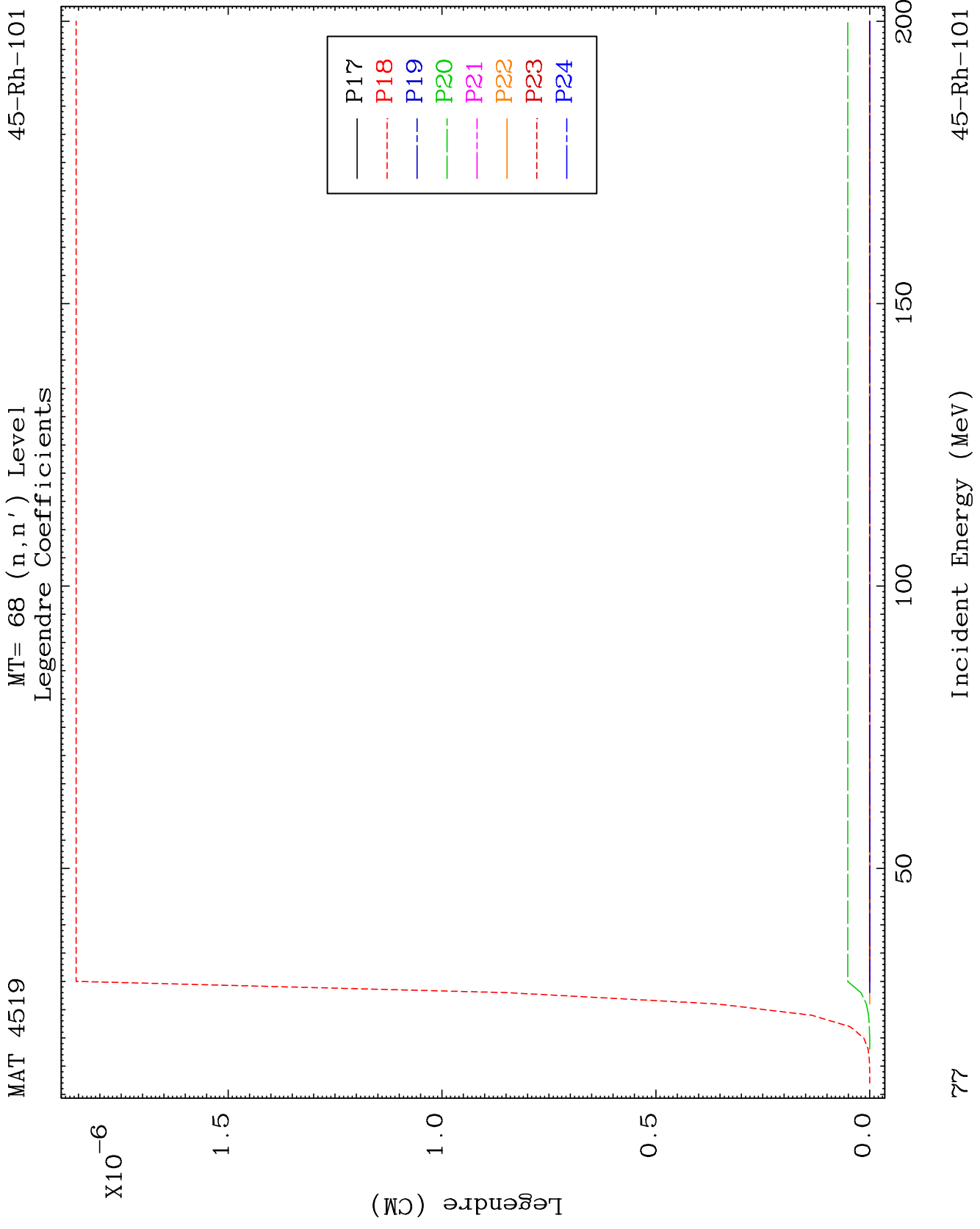
45-Rh-101



76

Incident Energy (MeV)

45-Rh-101

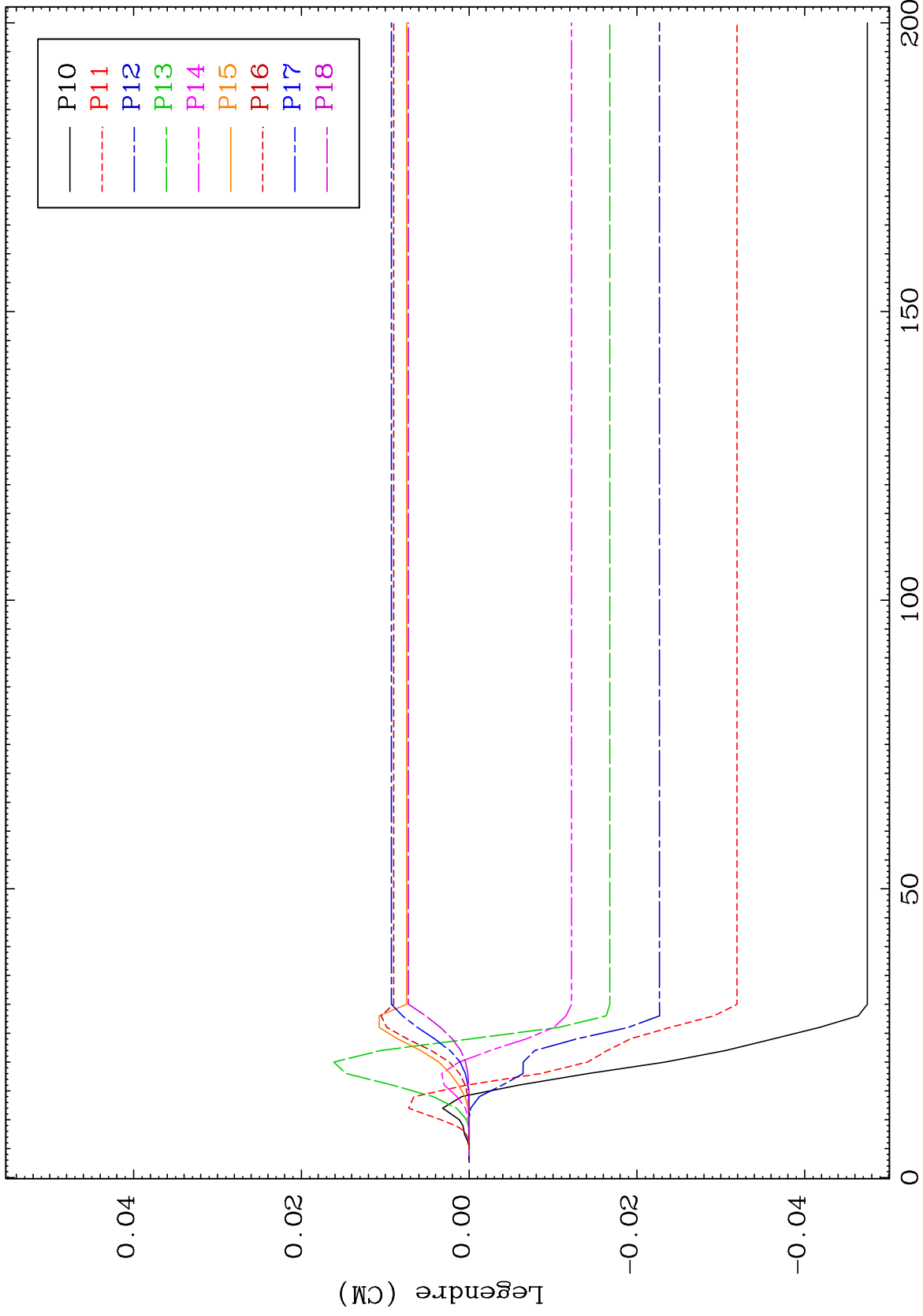




MAT 4519

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

45-Rh-101



79

Incident Energy (MeV)

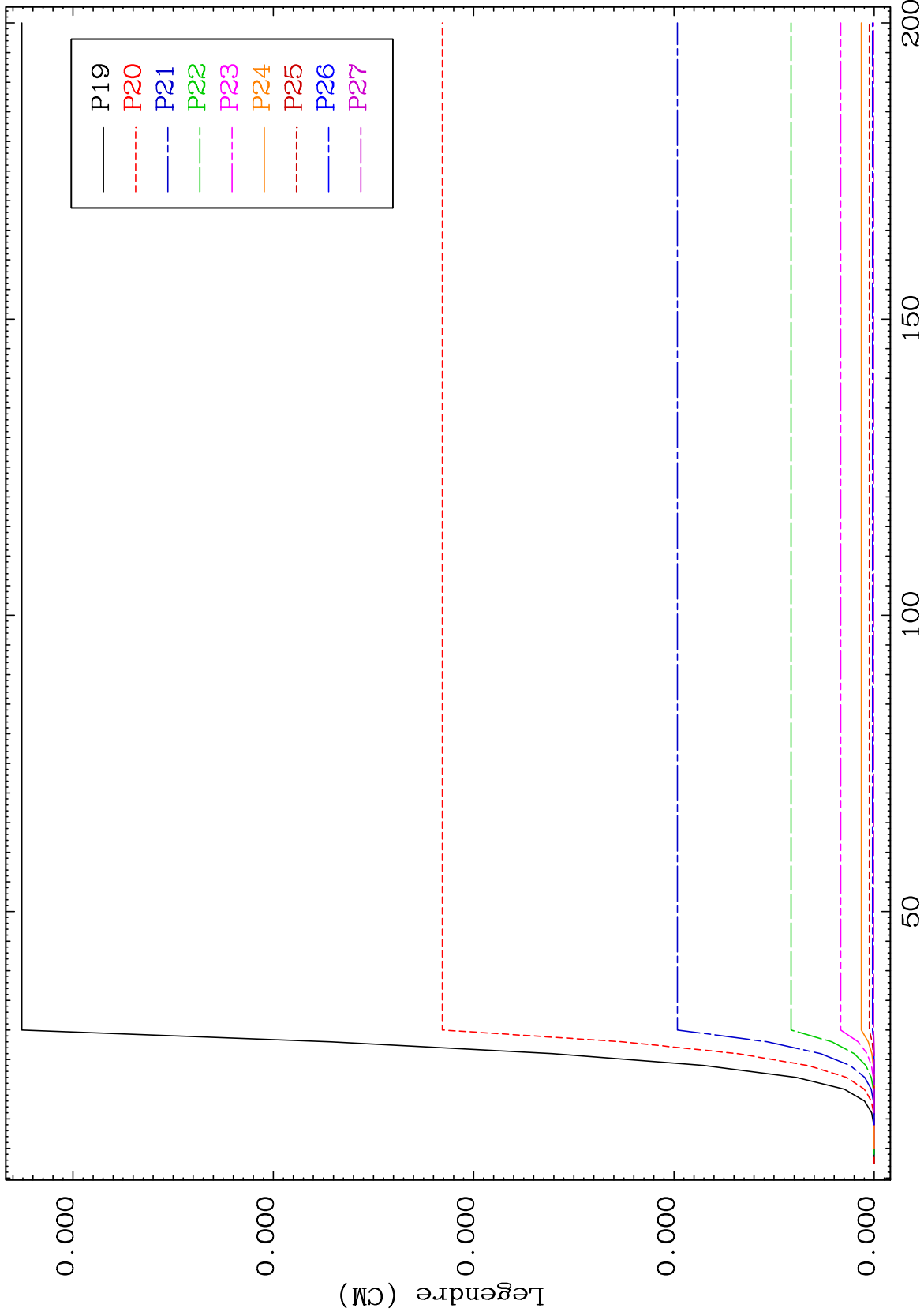
45-Rh-101



MAT 4519

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

45-Rh-101



80

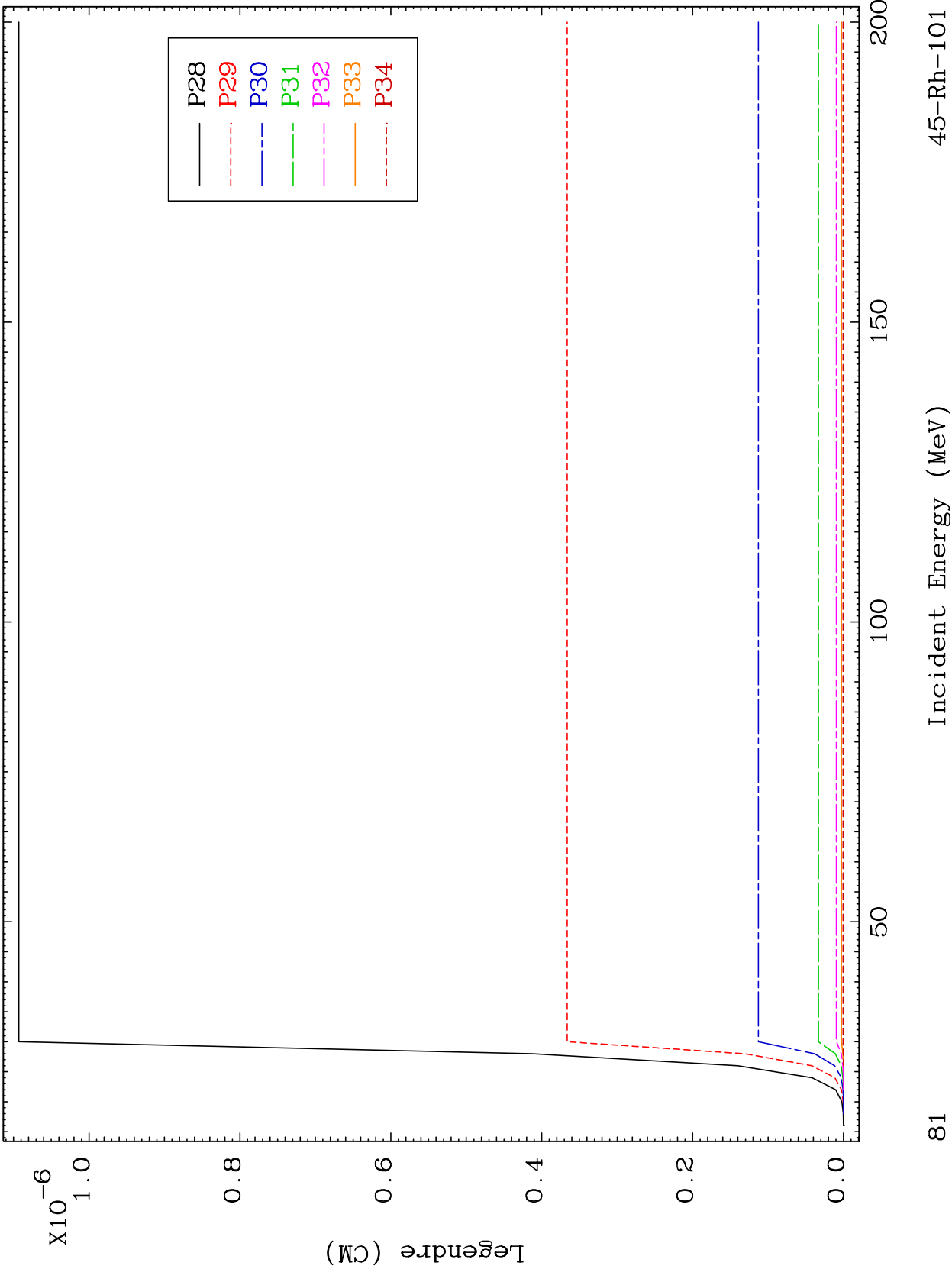
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

45-Rh-101



81

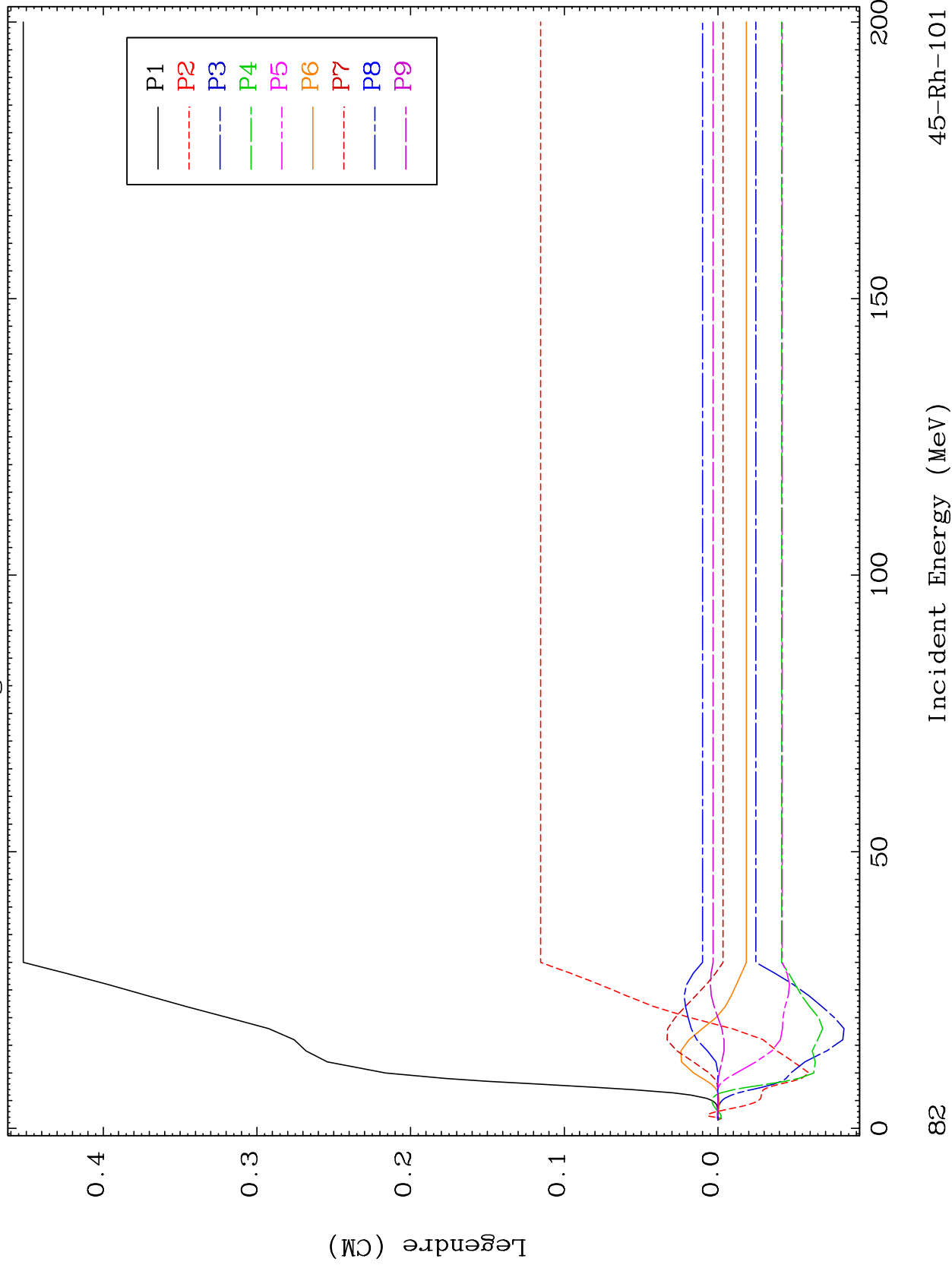
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

45-Rh-101



45-Rh-101

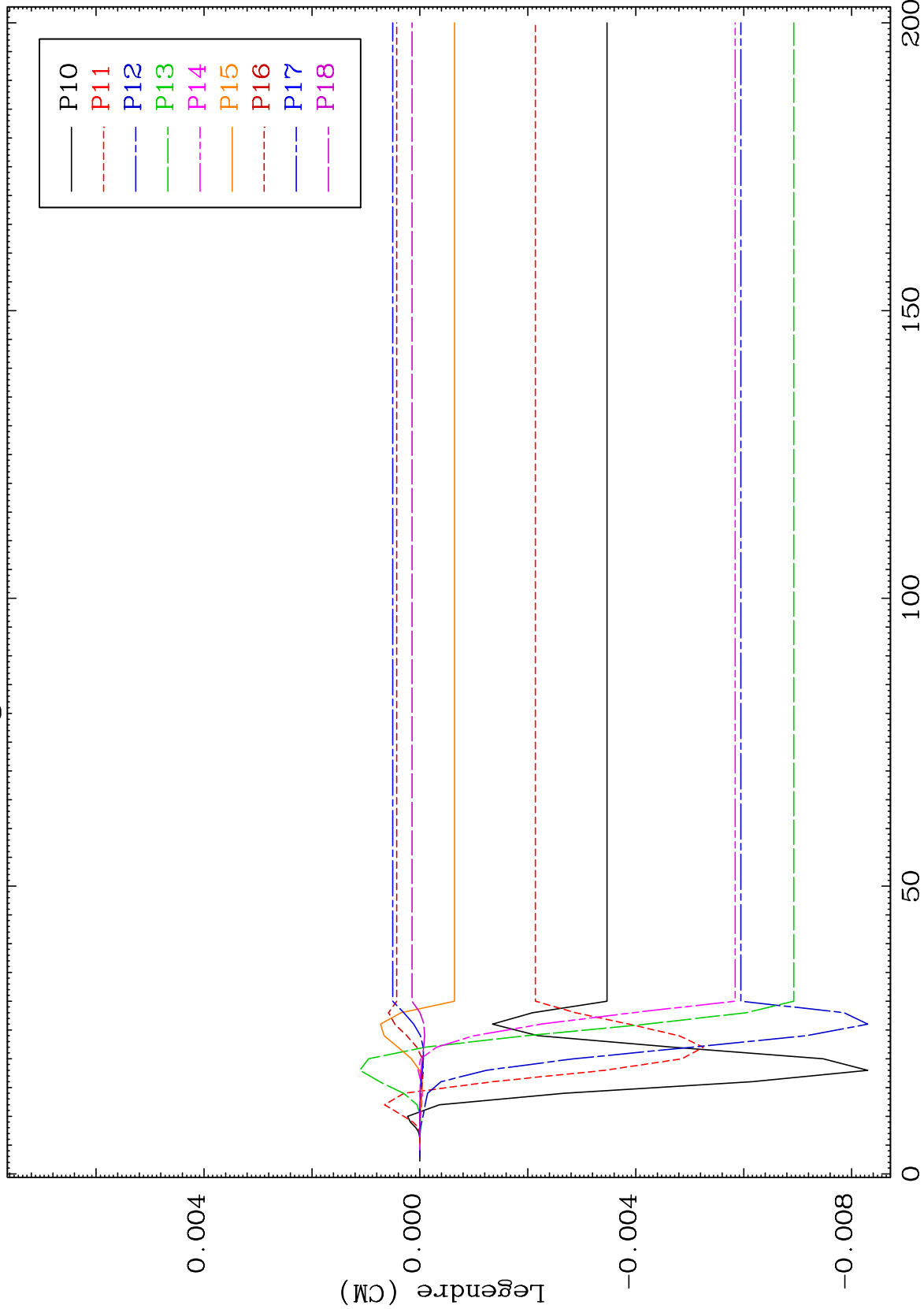
Incident Energy (MeV)

82

MAT 4519

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

45-Rh-101



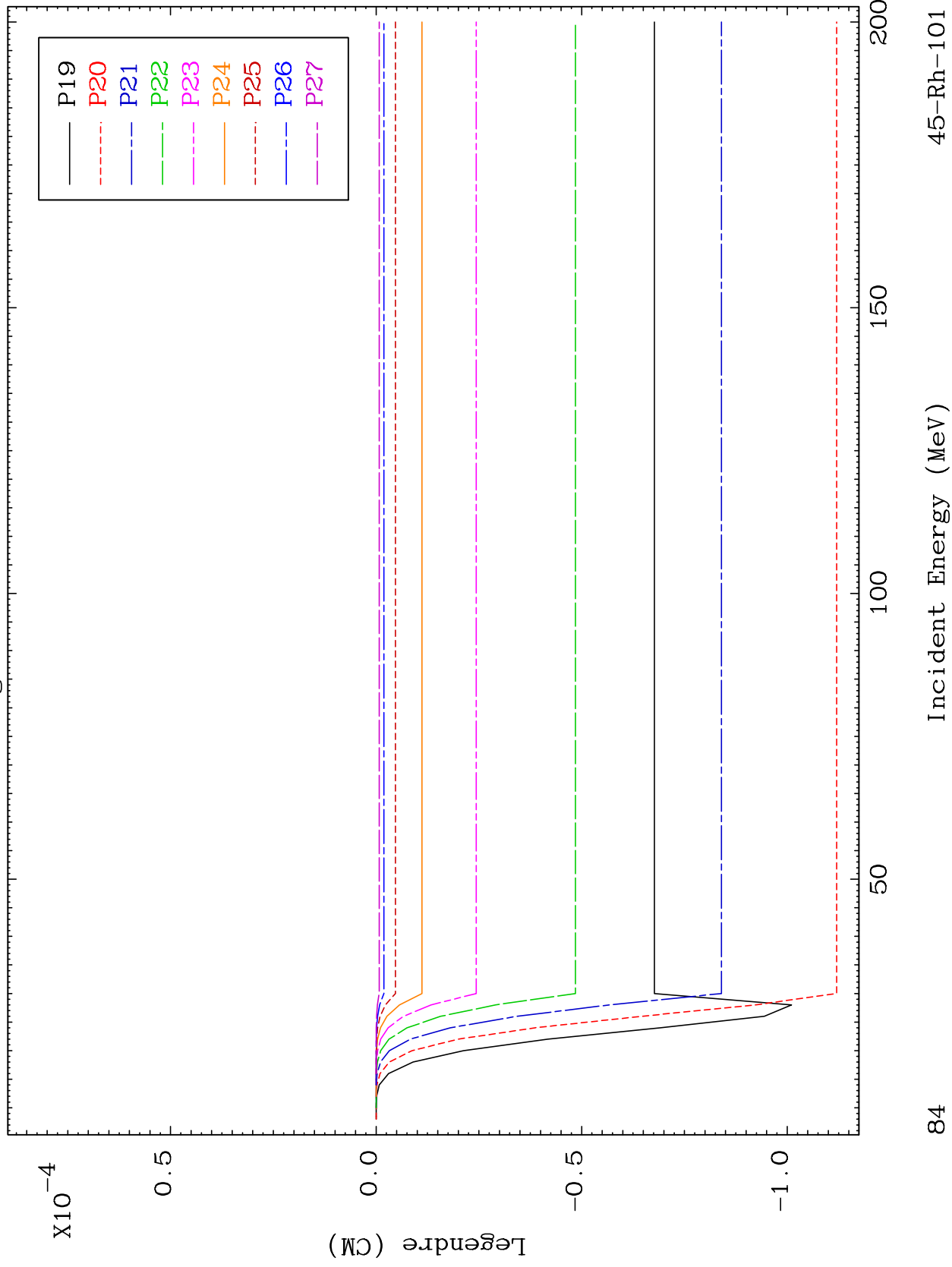
83

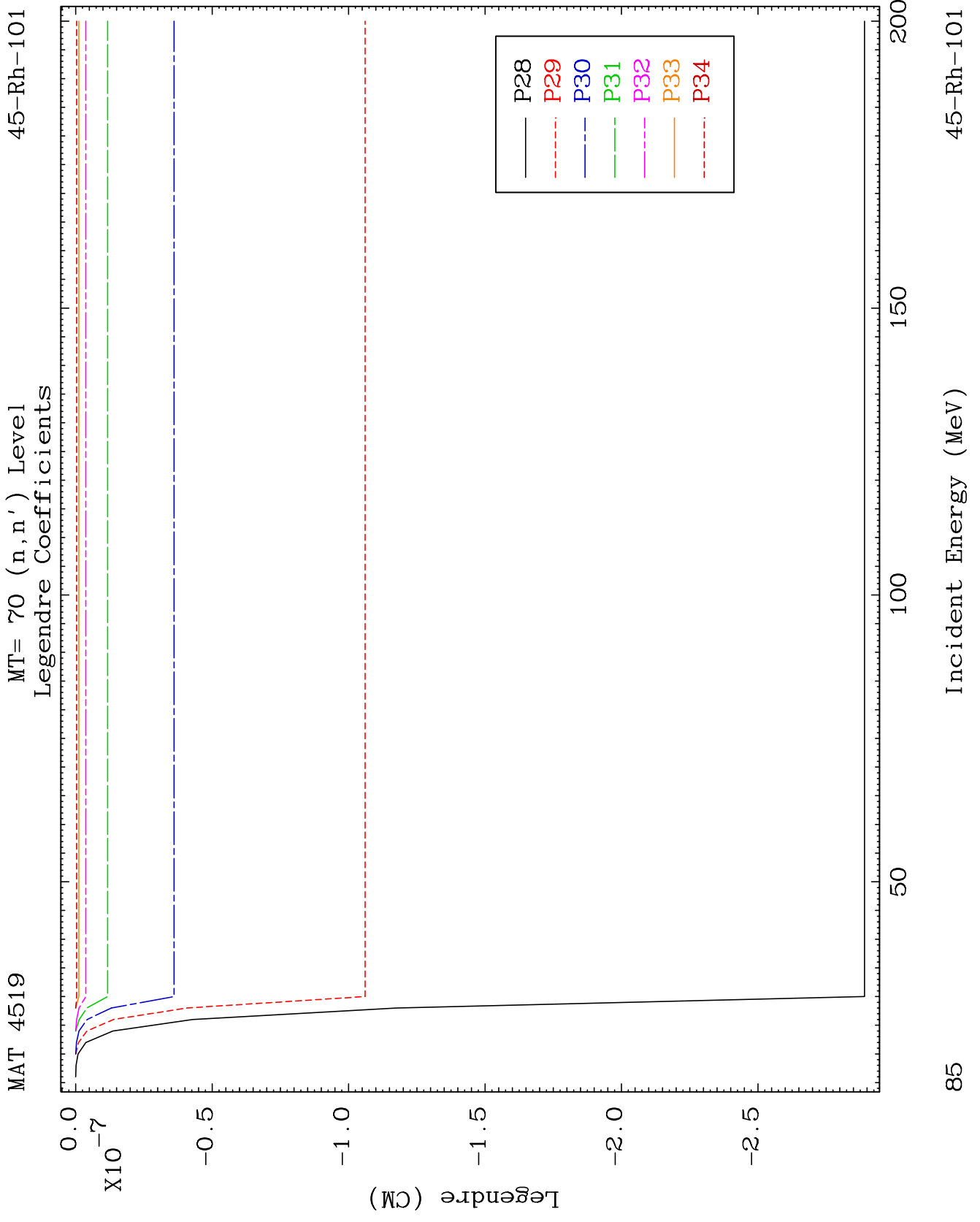
45-Rh-101

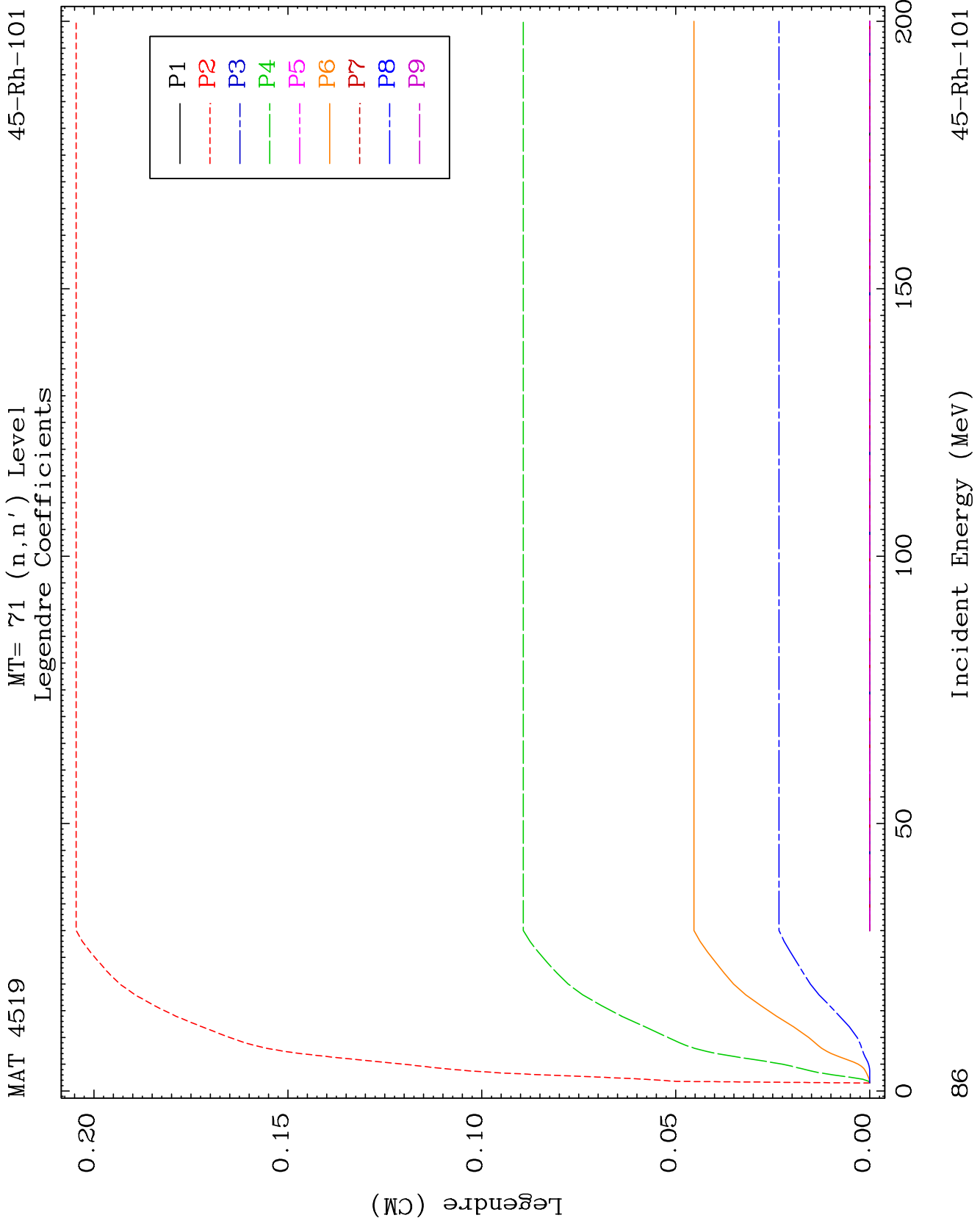
MAT 4519

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

45-Rh-101



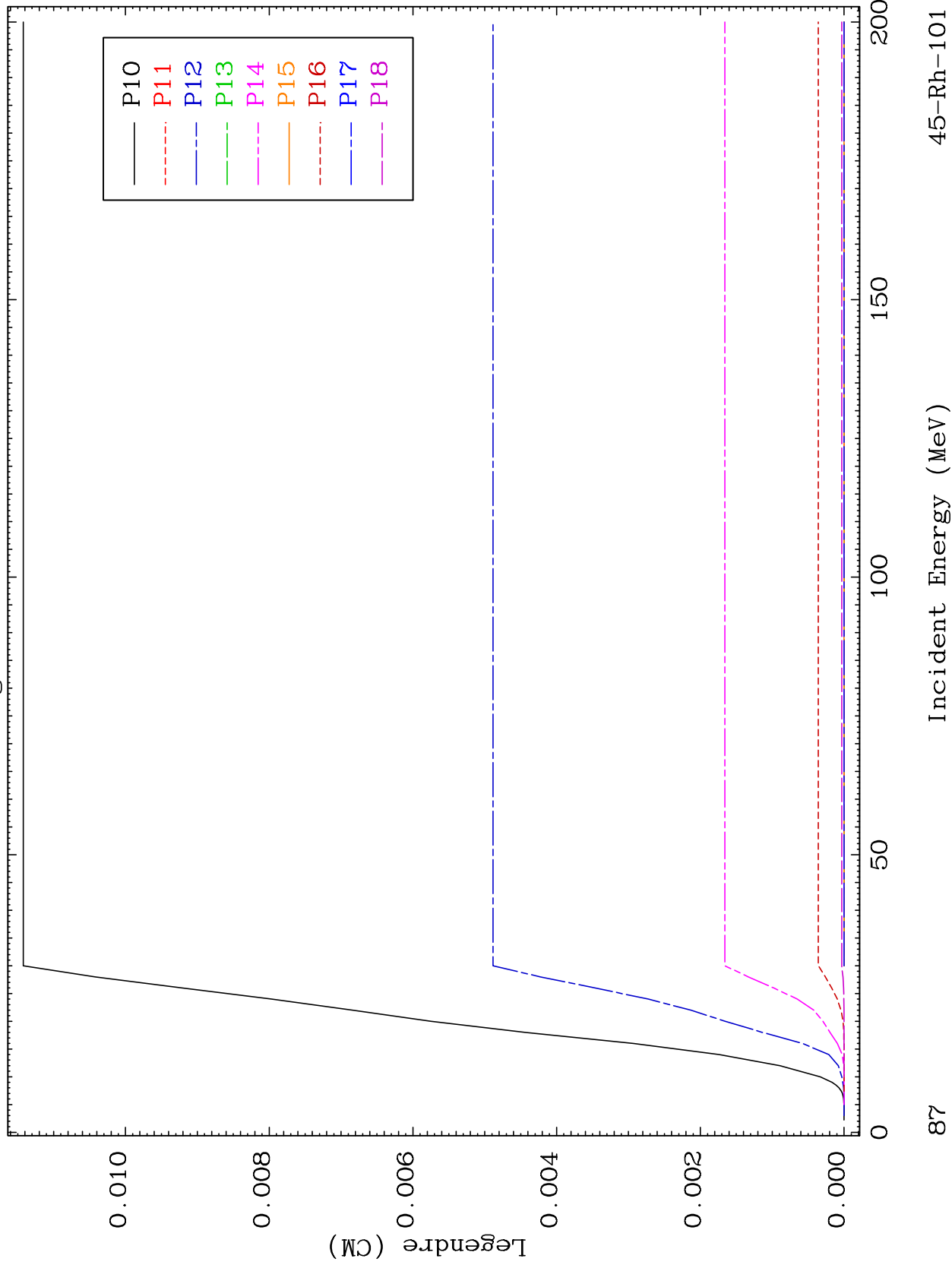




MAT 4519

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

45-Rh-101

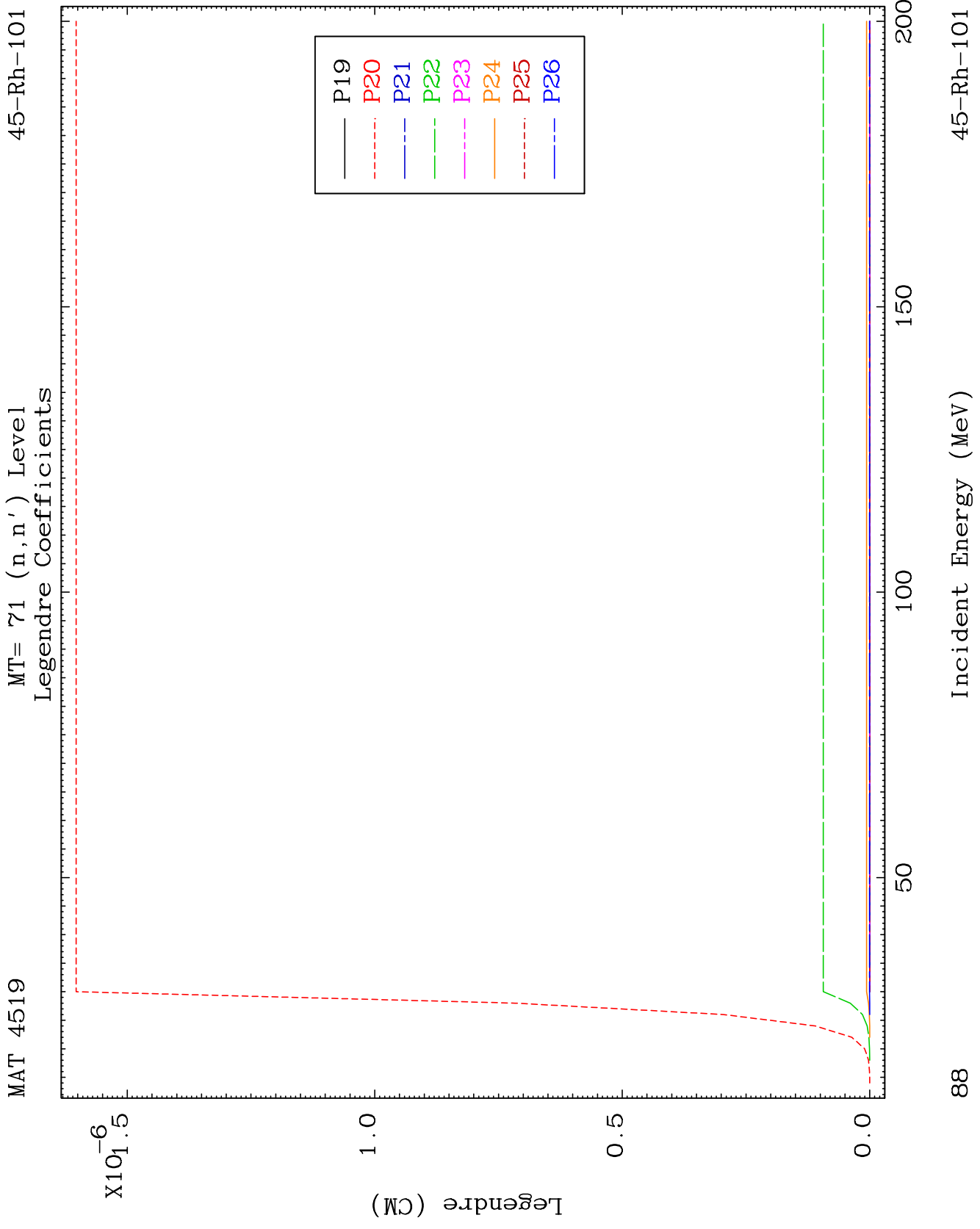


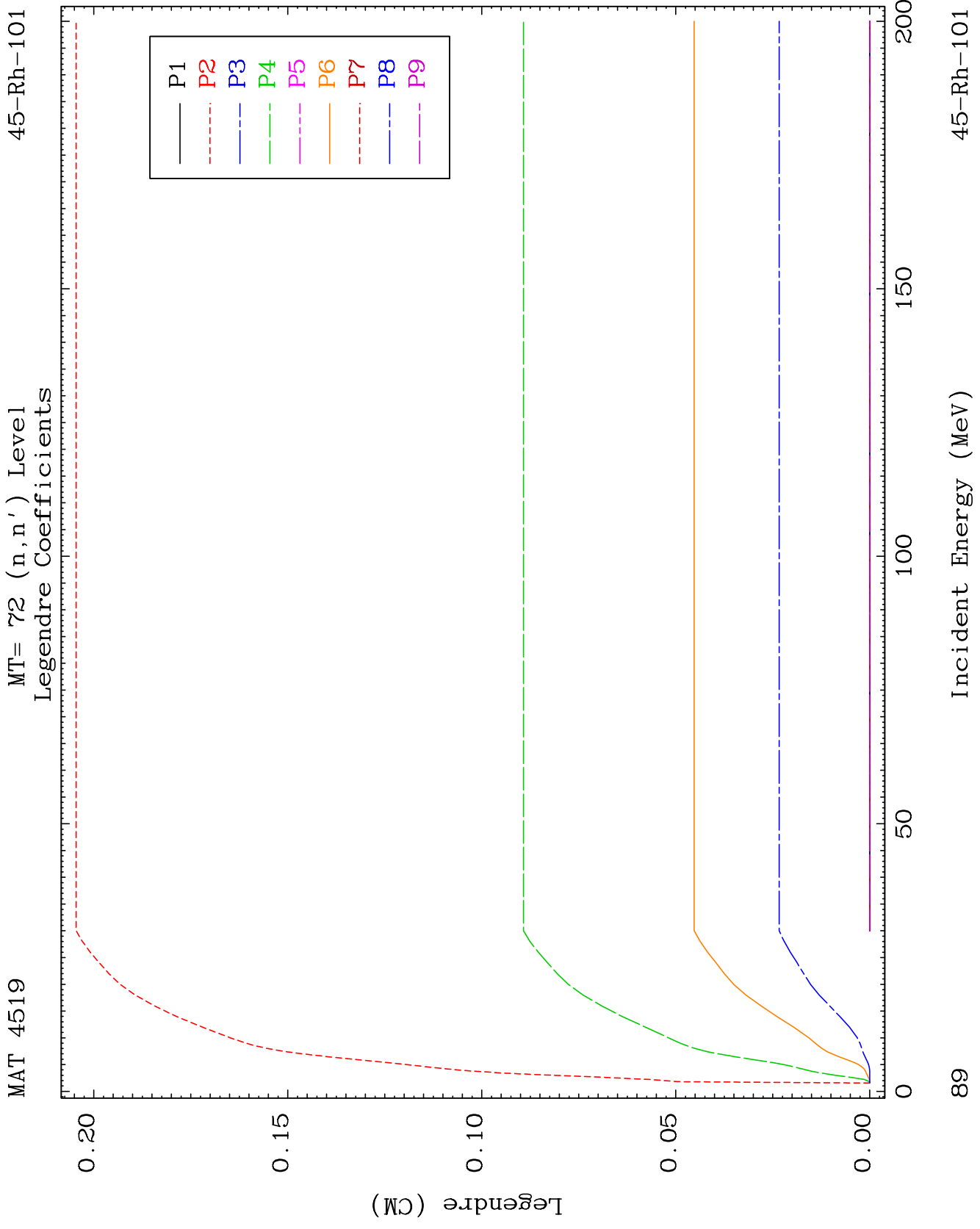
87

Incident Energy (MeV)

45-Rh-101









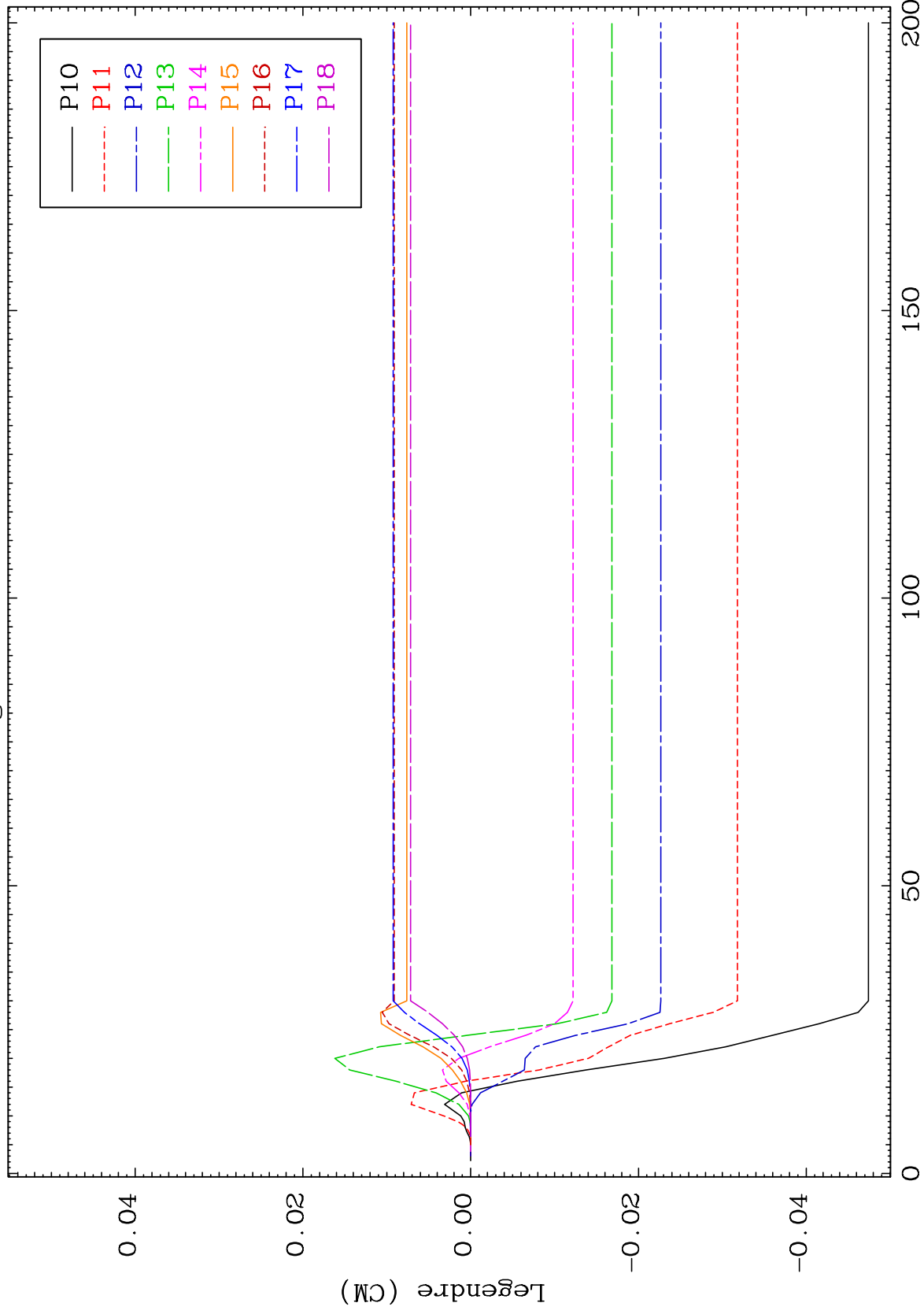




MAT 4519

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

45-Rh-101



93

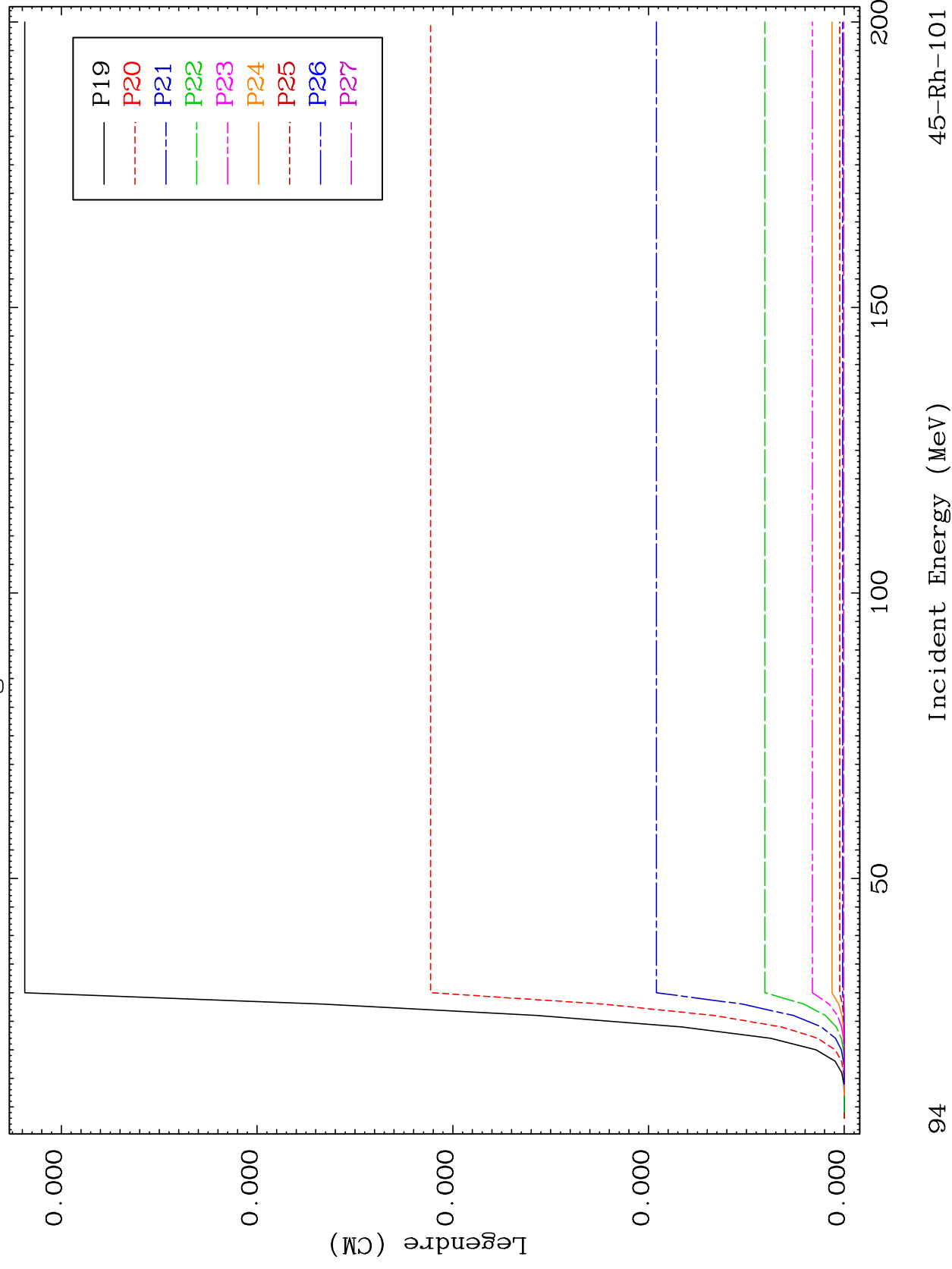
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

45-Rh-101



94

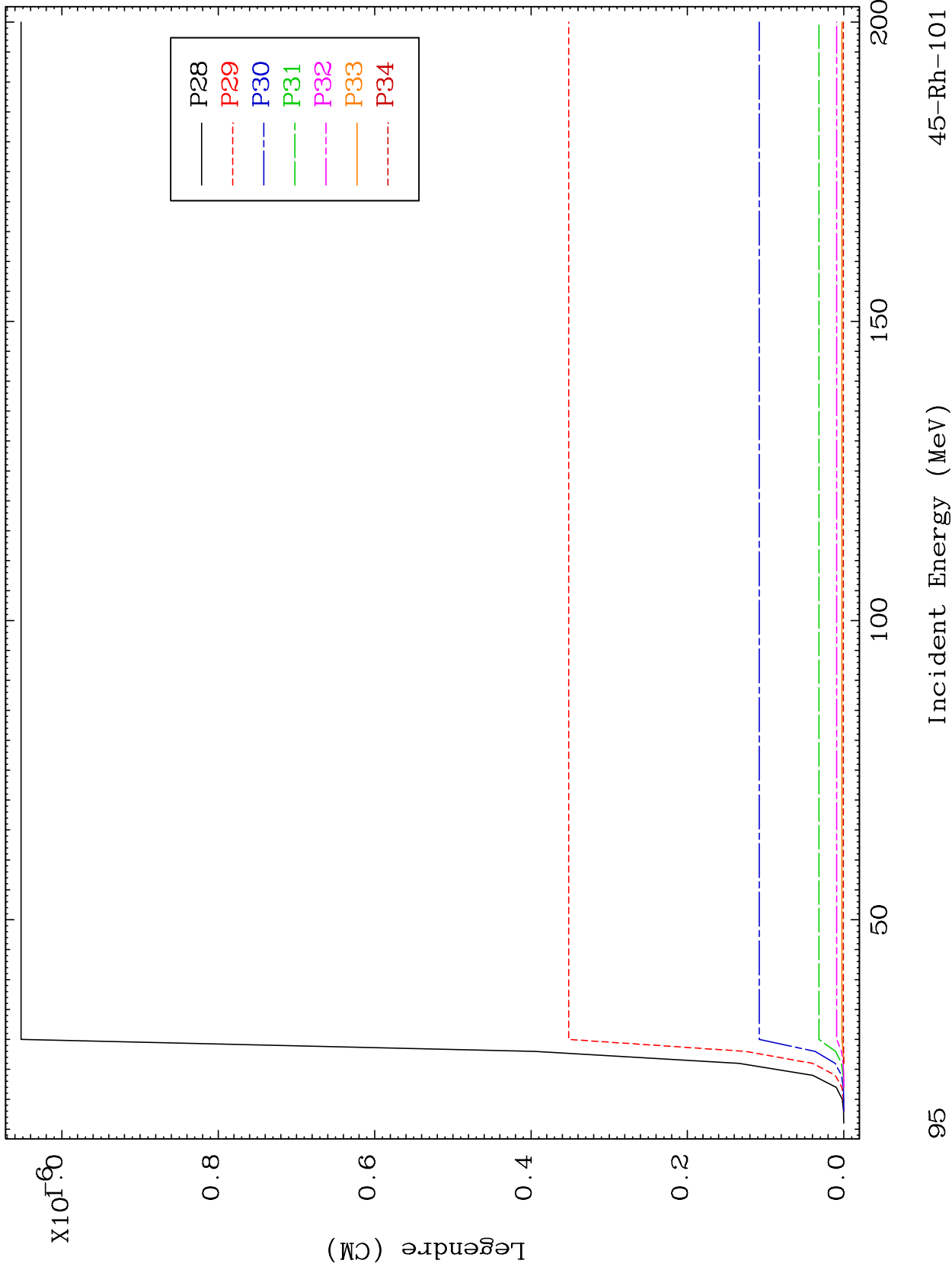
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

45-Rh-101



95

Incident Energy (MeV)

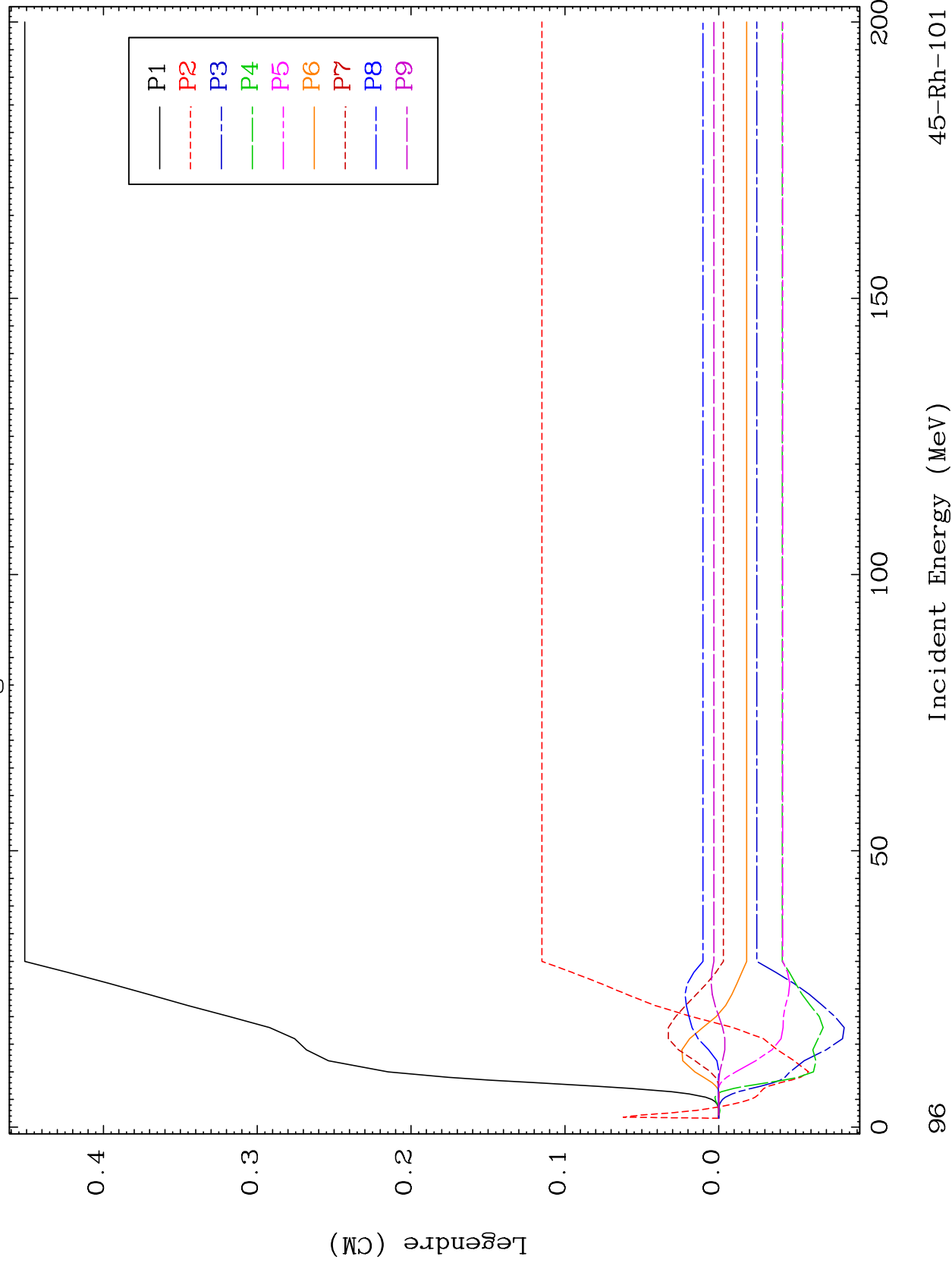
45-Rh-101



MAT 4519

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

45-Rh-101



96

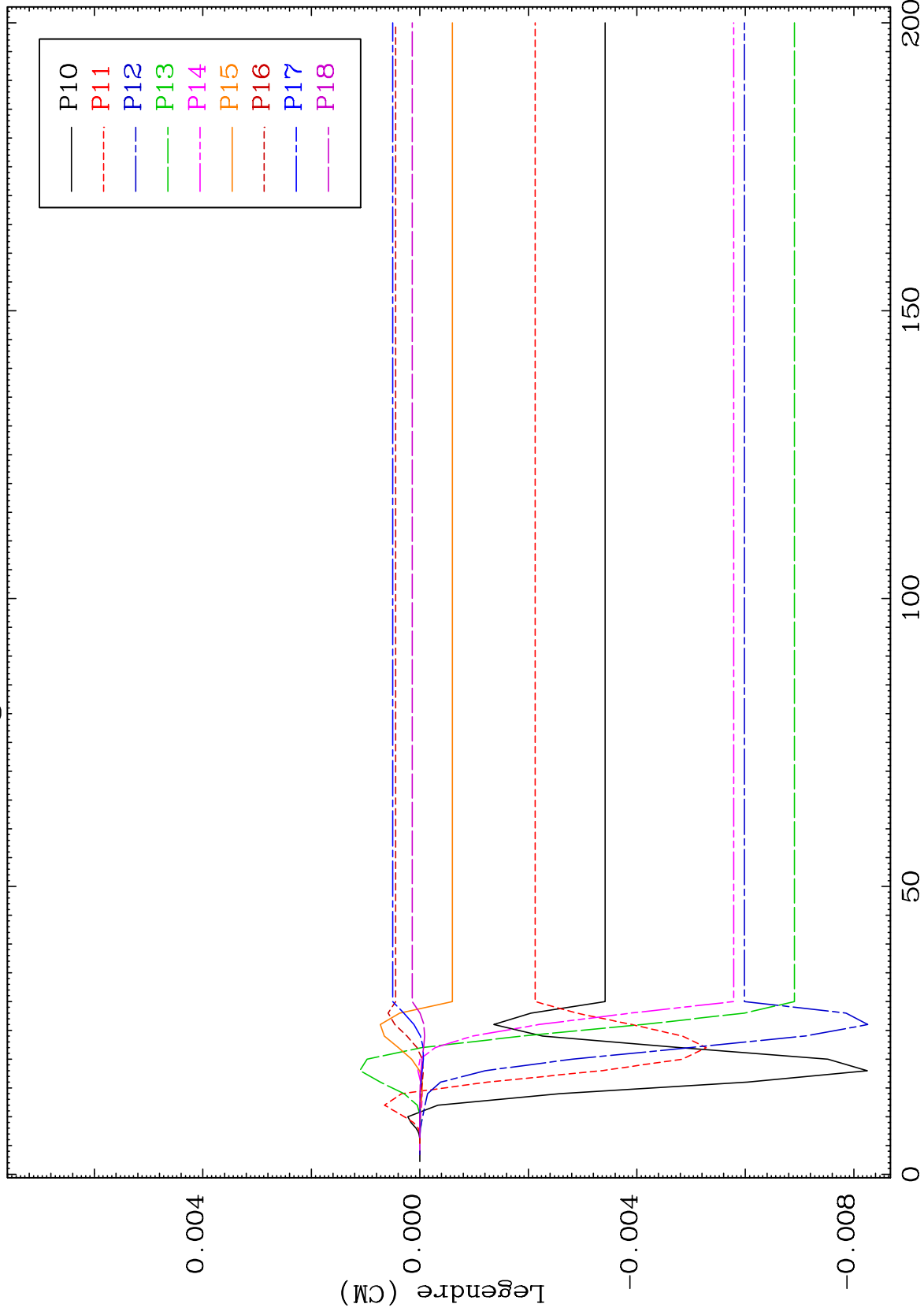
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

45-Rh-101



97

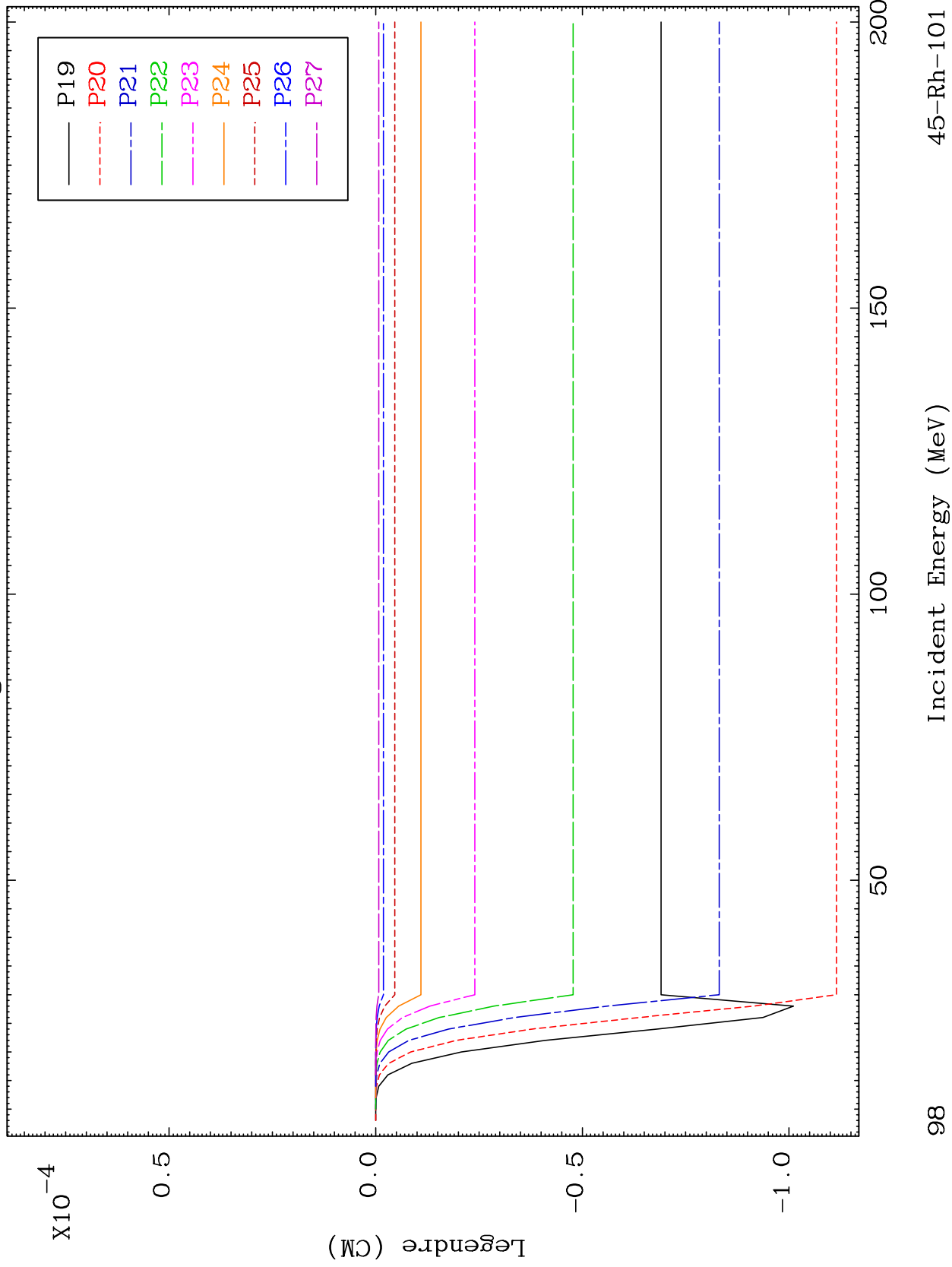
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

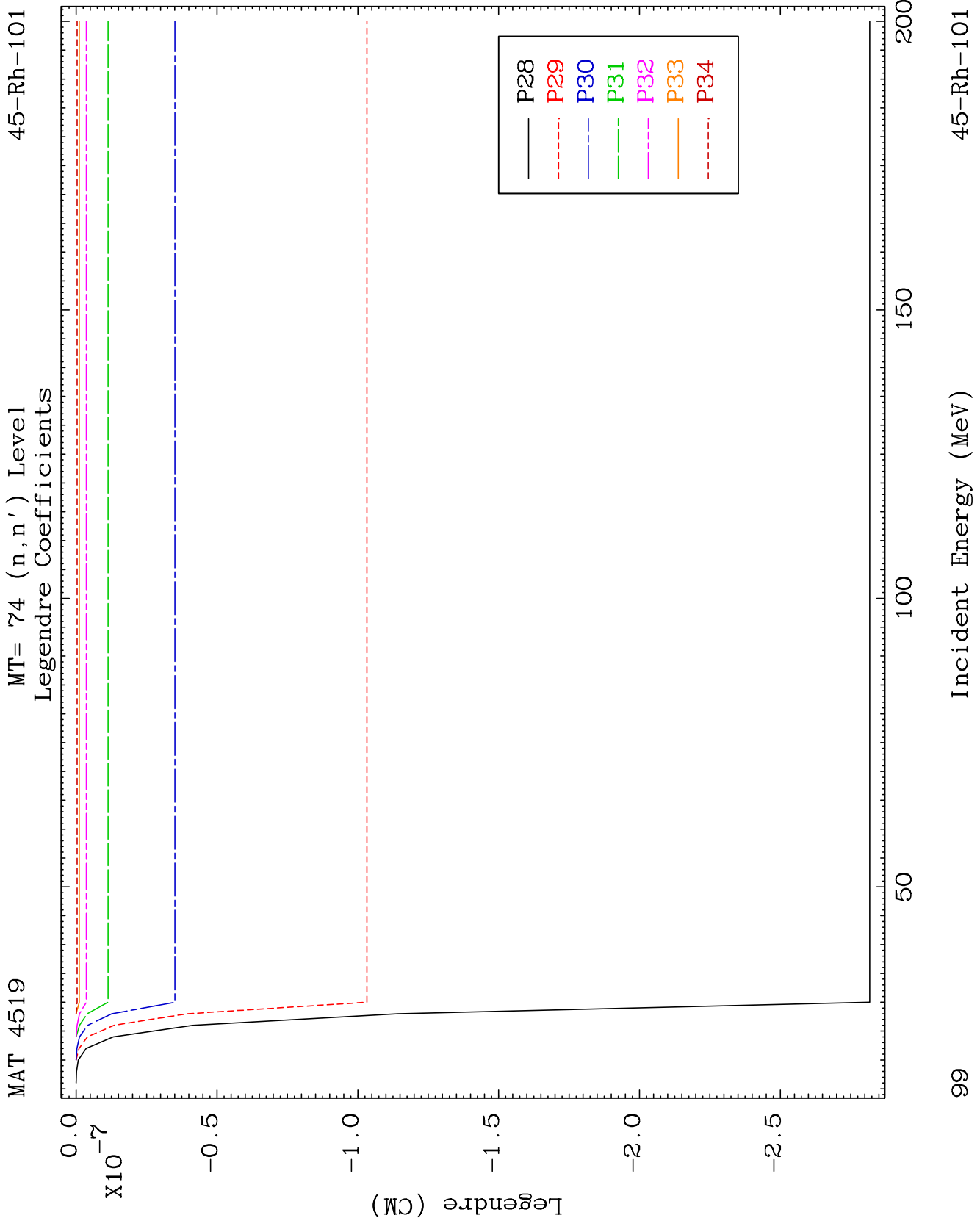
45-Rh-101



98

Incident Energy (MeV)

45-Rh-101

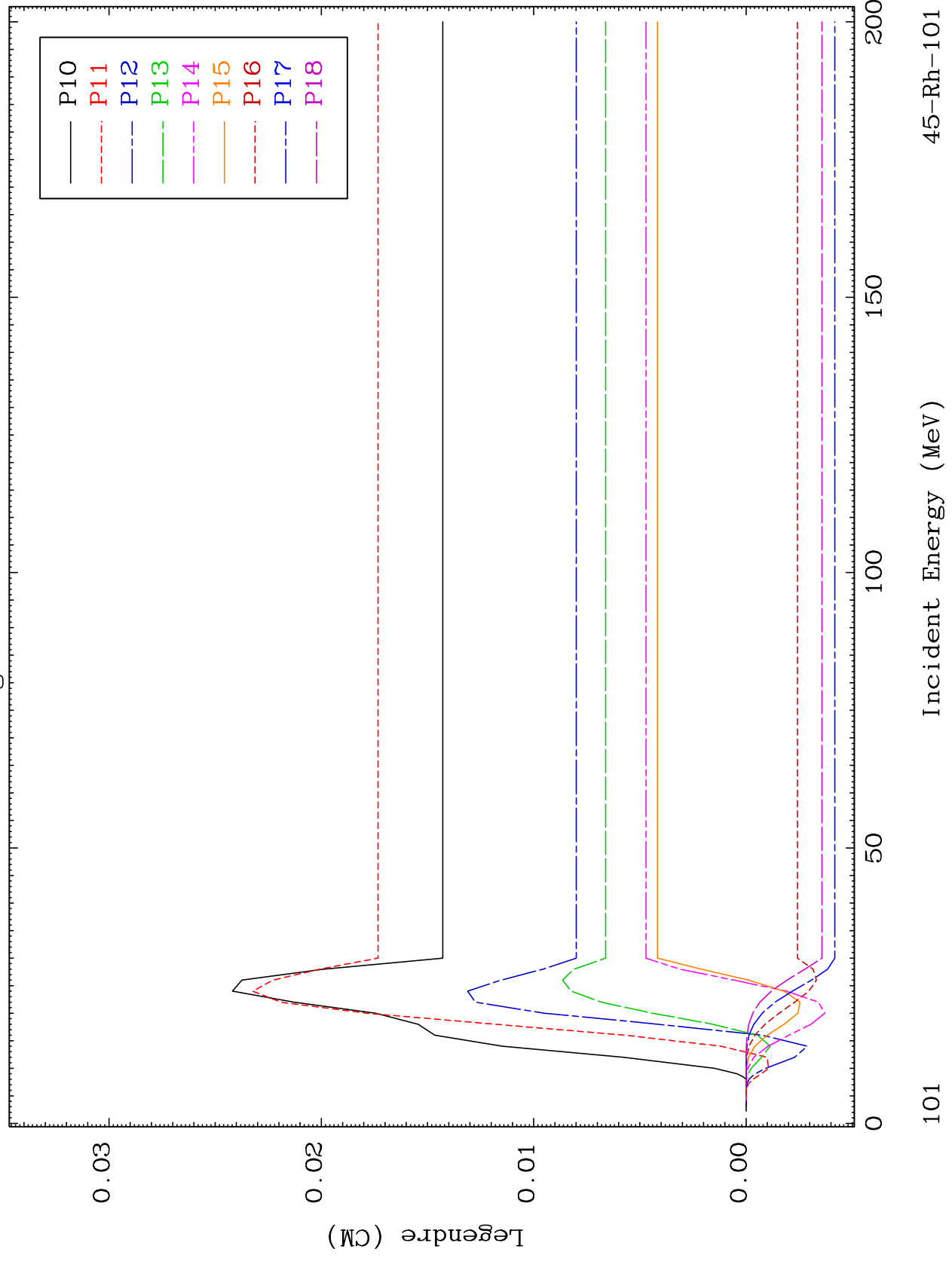




MAT 4519

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

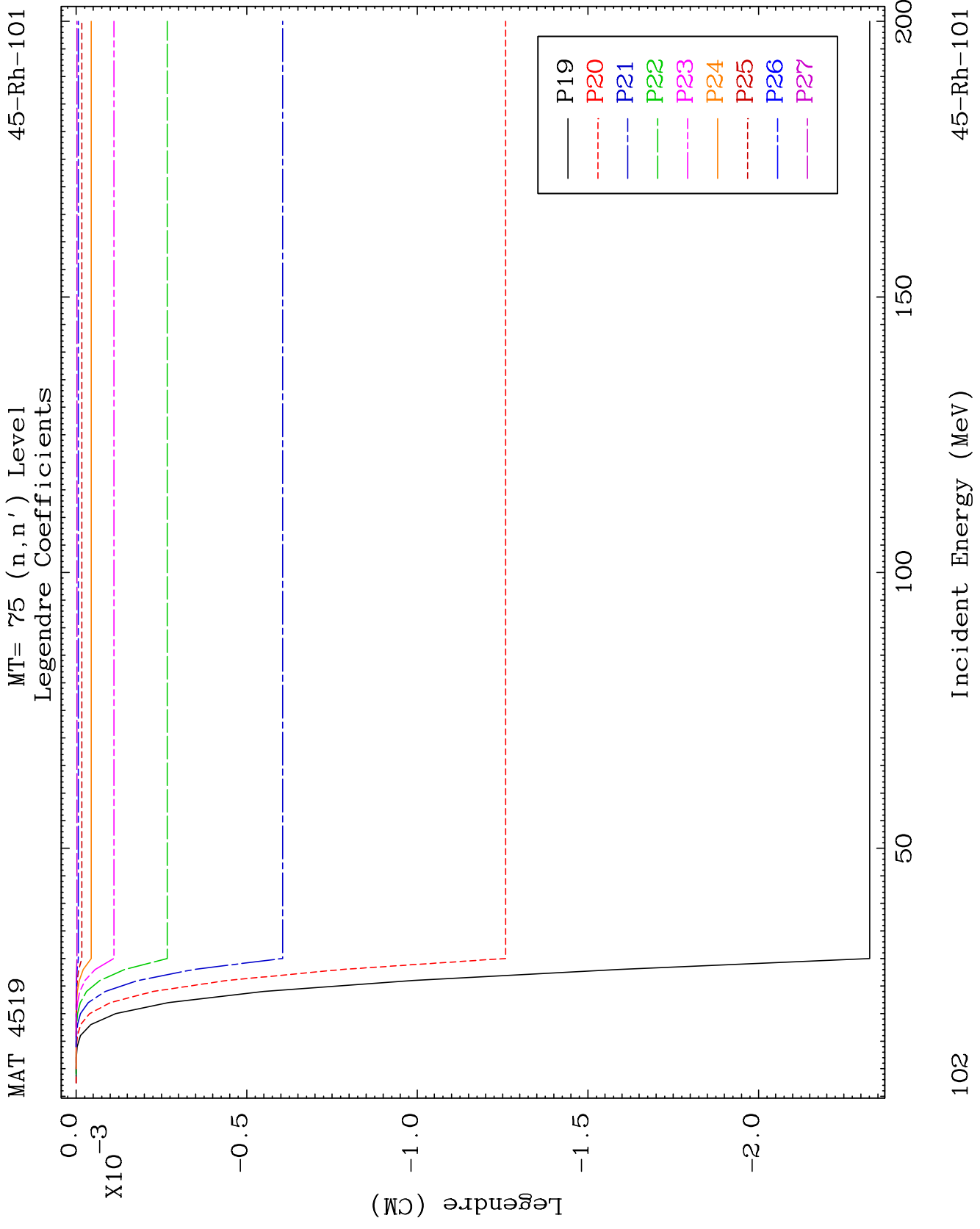
45-Rh-101

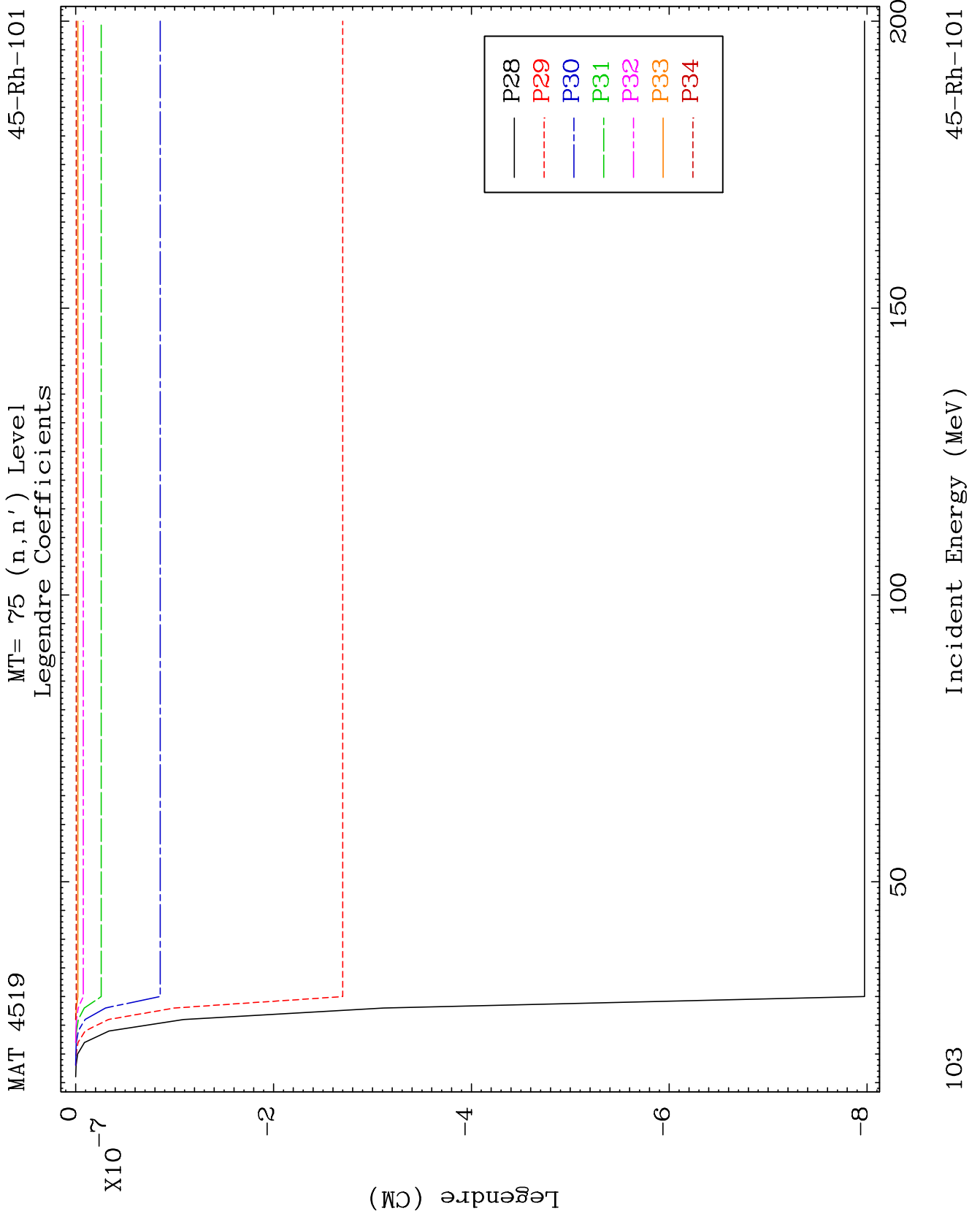


45-Rh-101

Incident Energy (MeV)

101



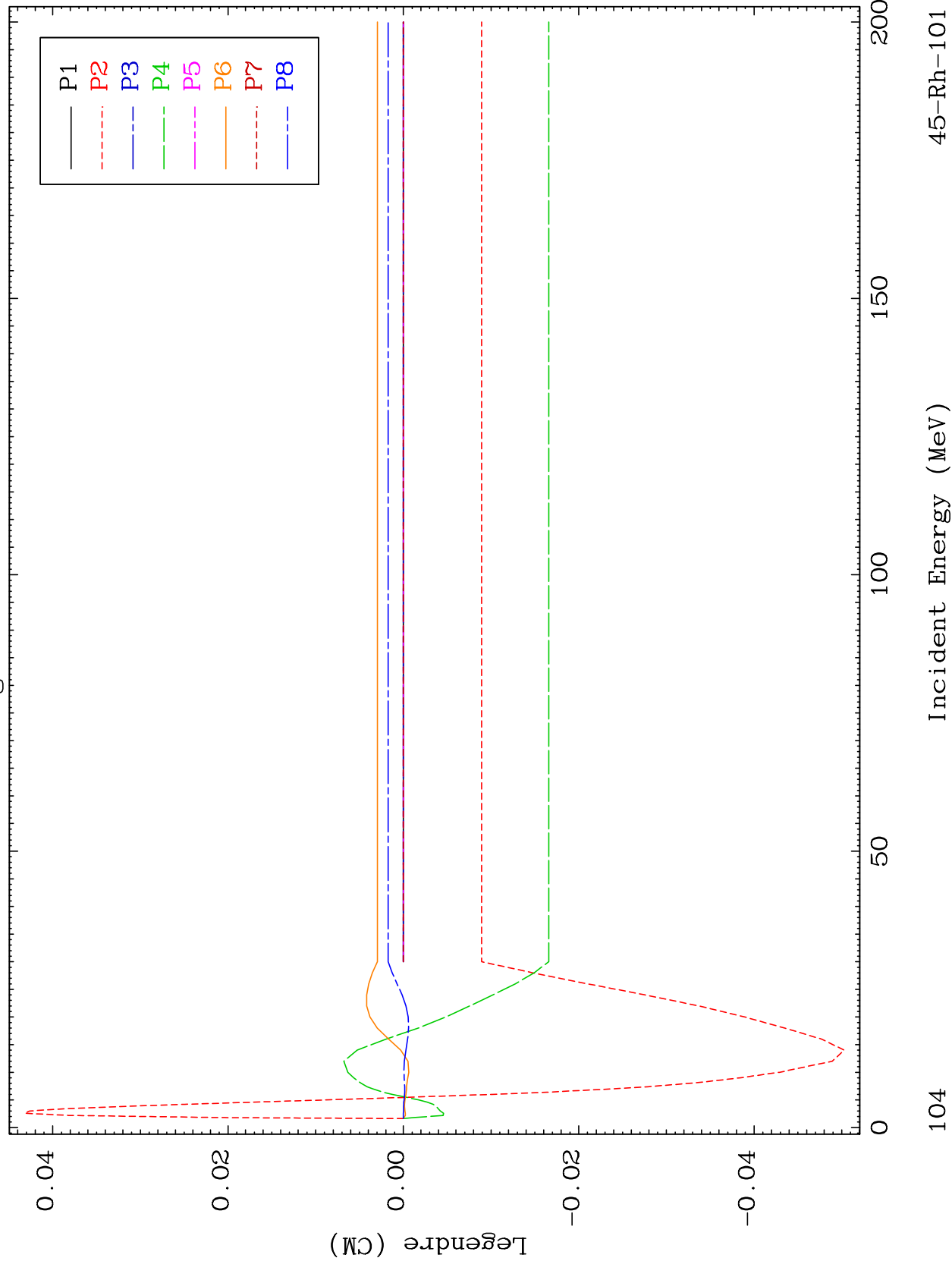




MAT 4519

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

45-Rh-101

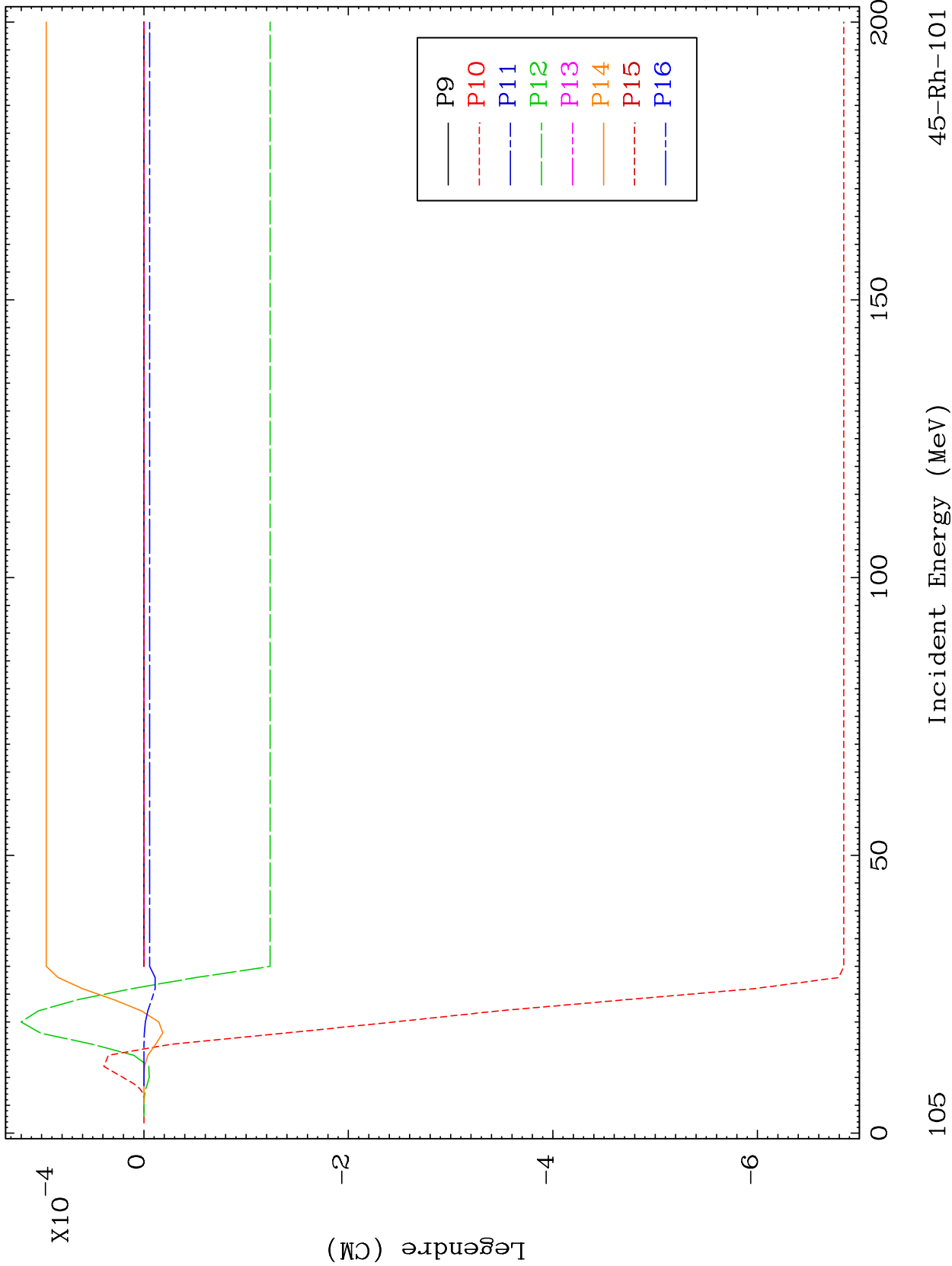


MAT 4519

MT= 76 (n,n') Level

45-Rh-101

Legendre Coefficients



105

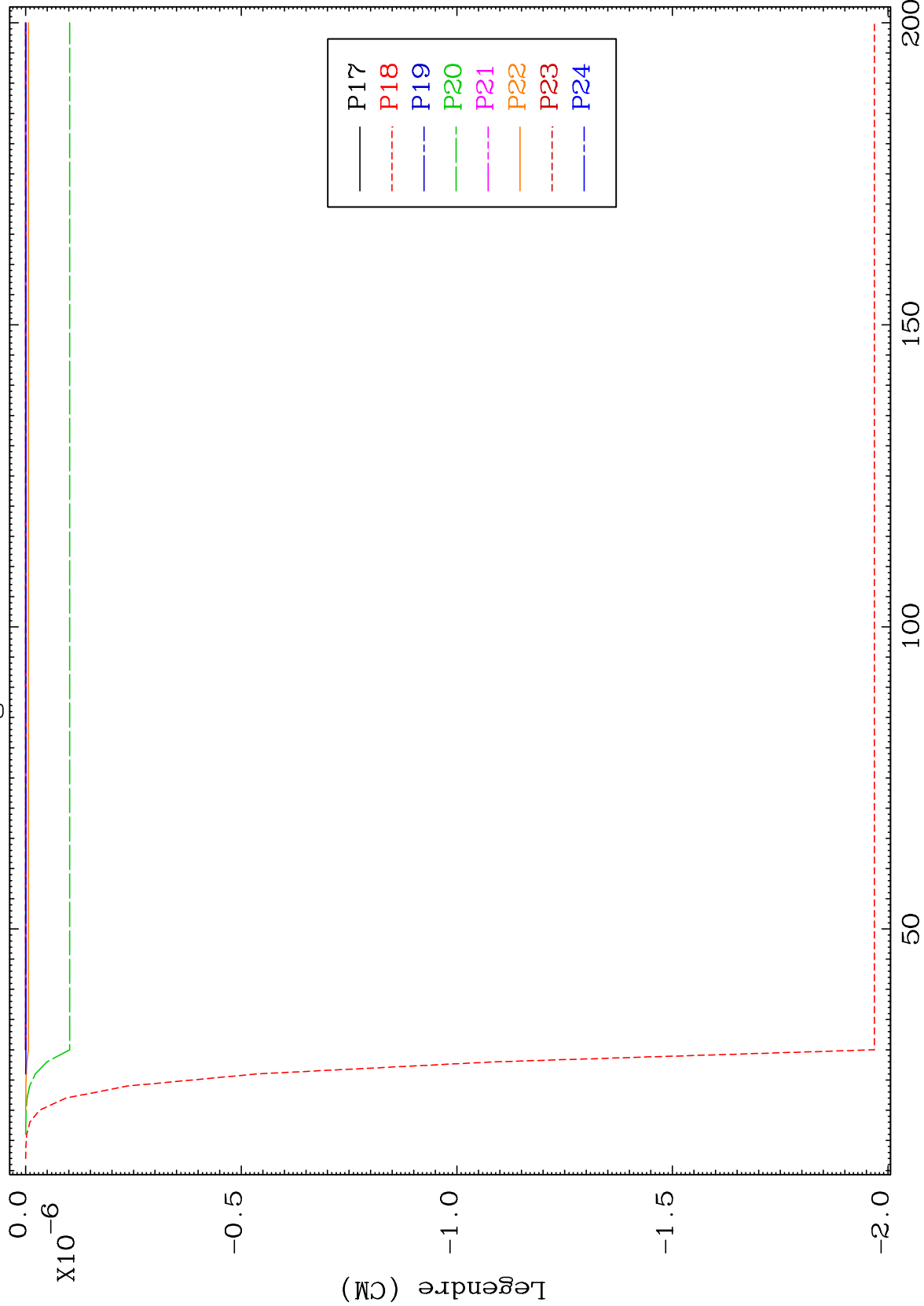
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

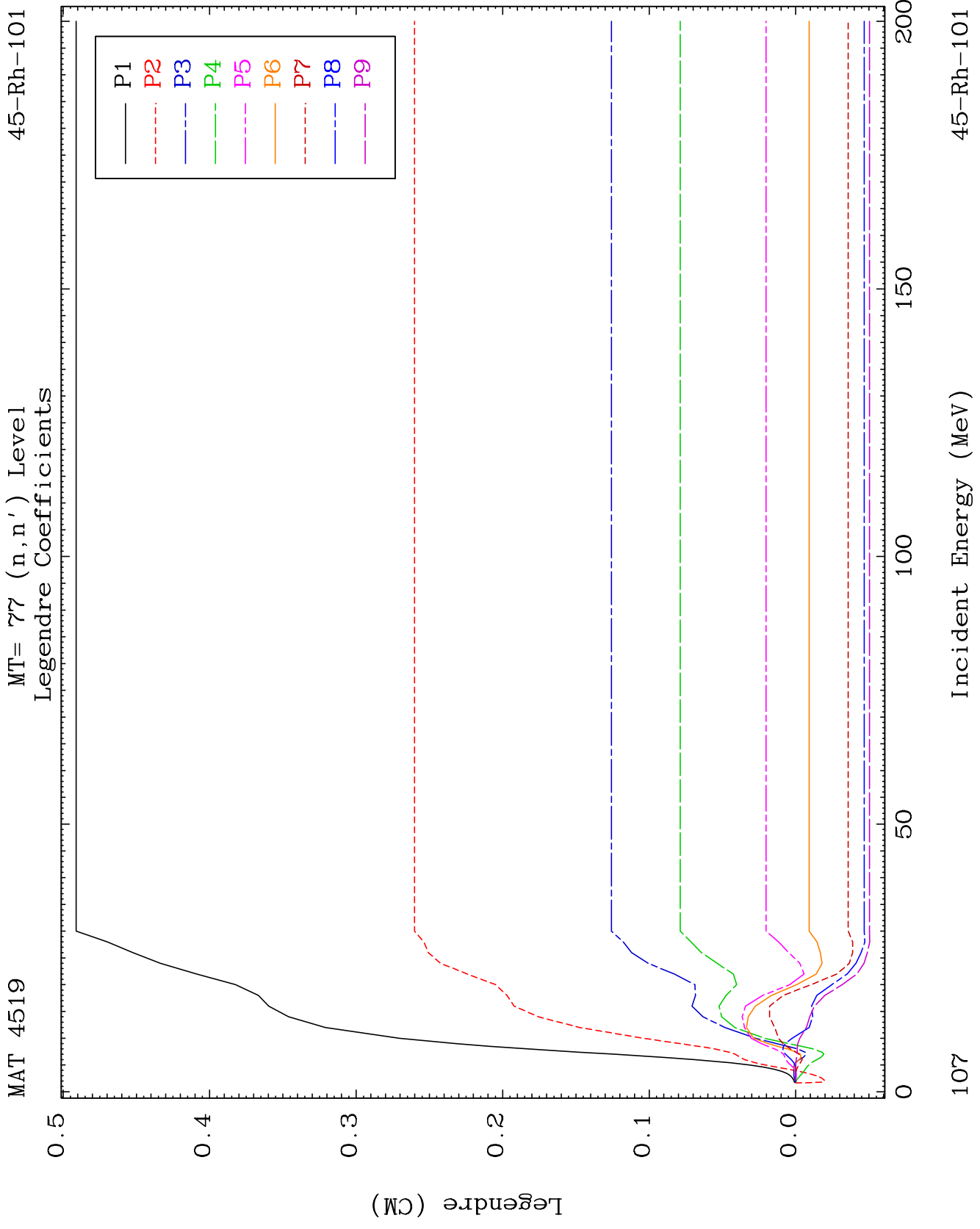
45-Rh-101



106

Incident Energy (MeV)

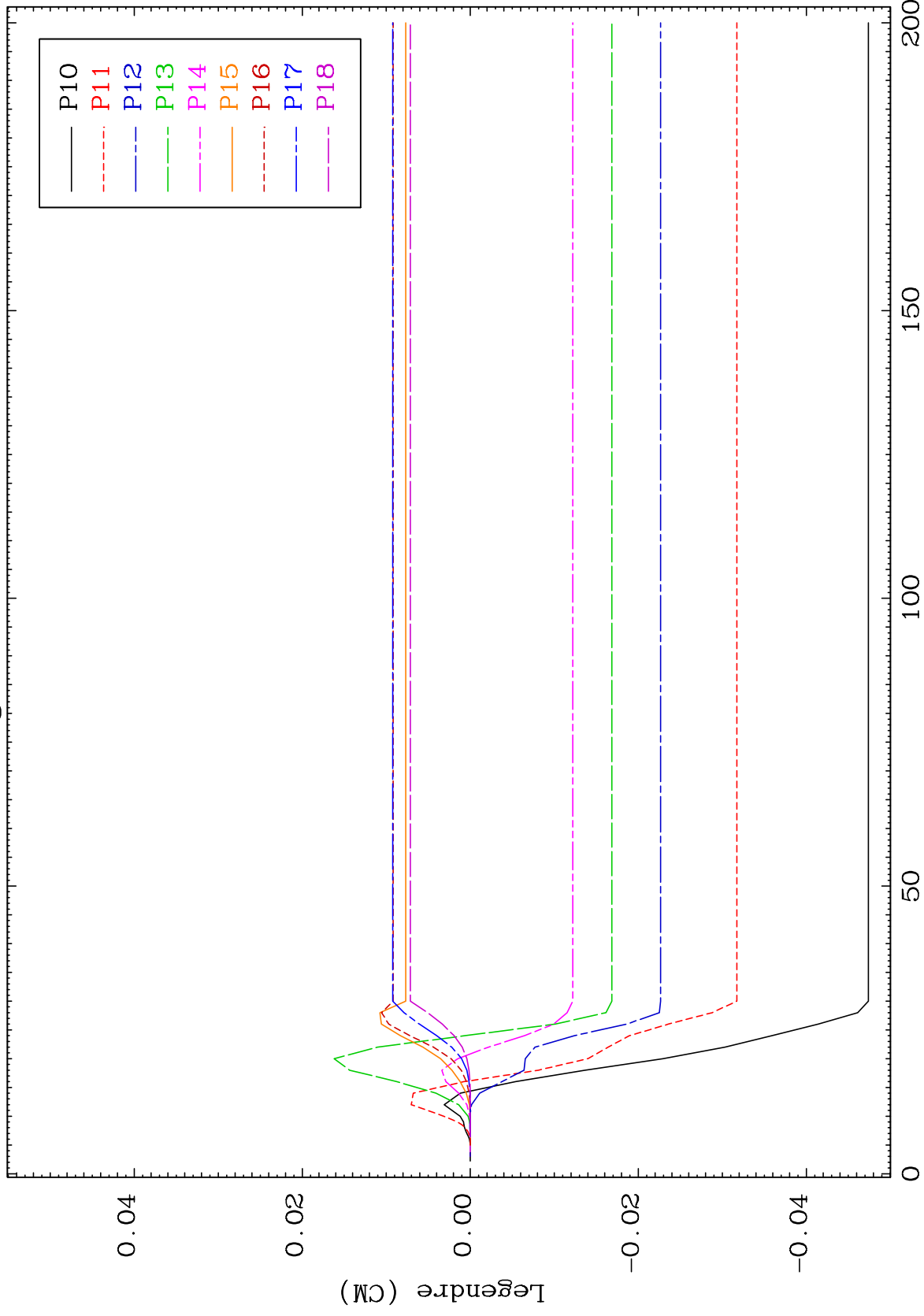
45-Rh-101



MAT 4519

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

45-Rh-101



108

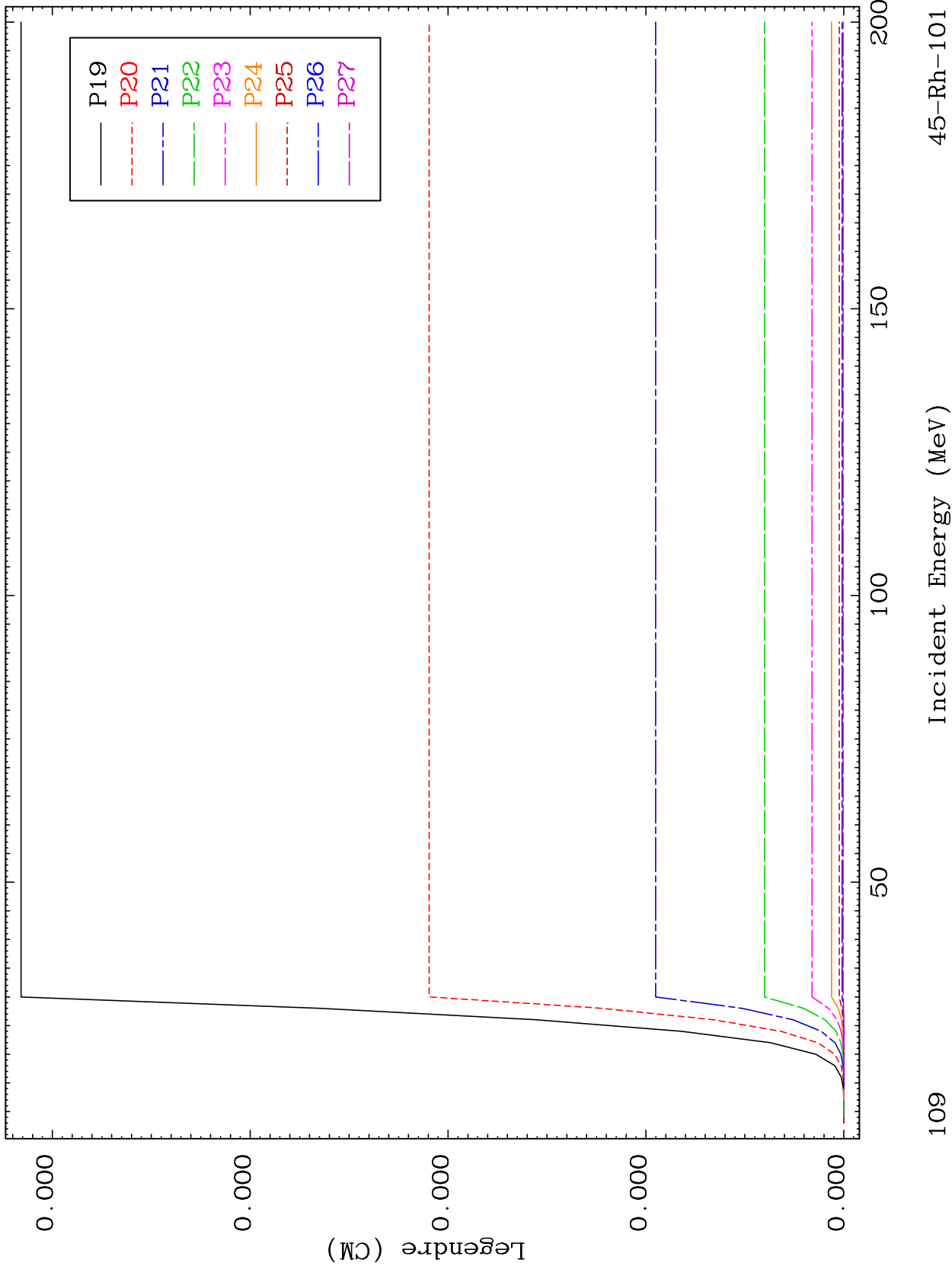
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

45-Rh-101



109

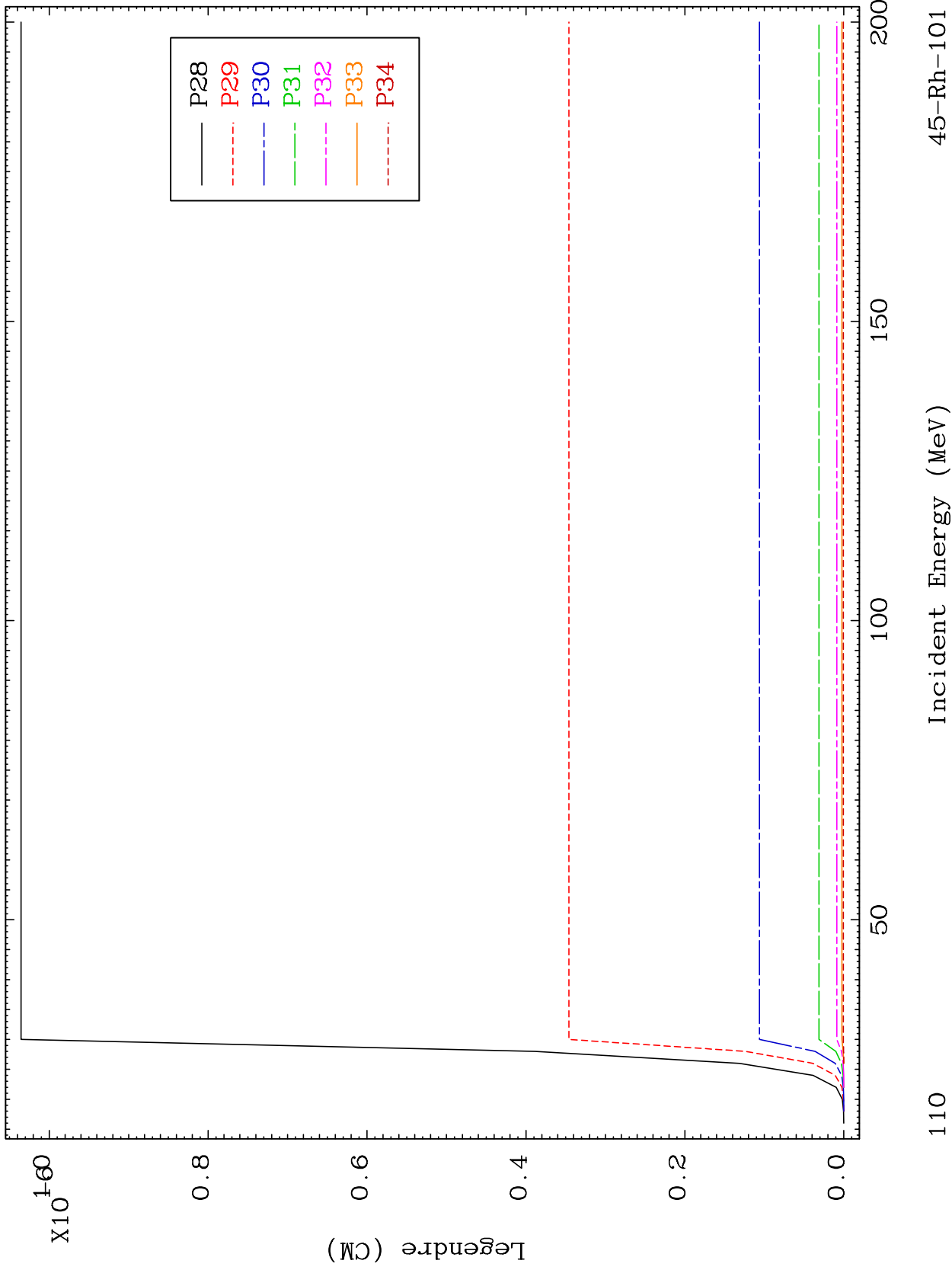
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

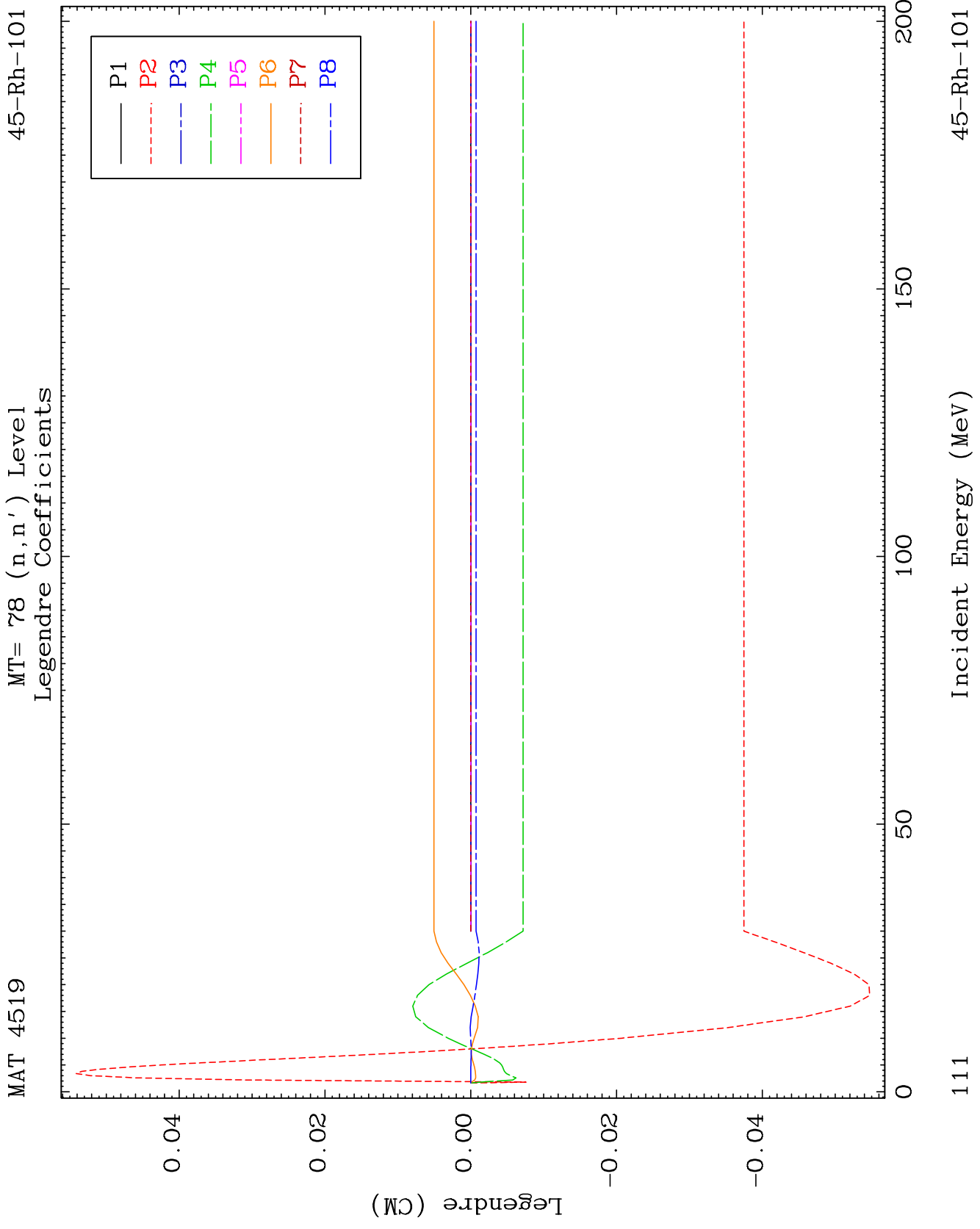
45-Rh-101



110

Incident Energy (MeV)

45-Rh-101

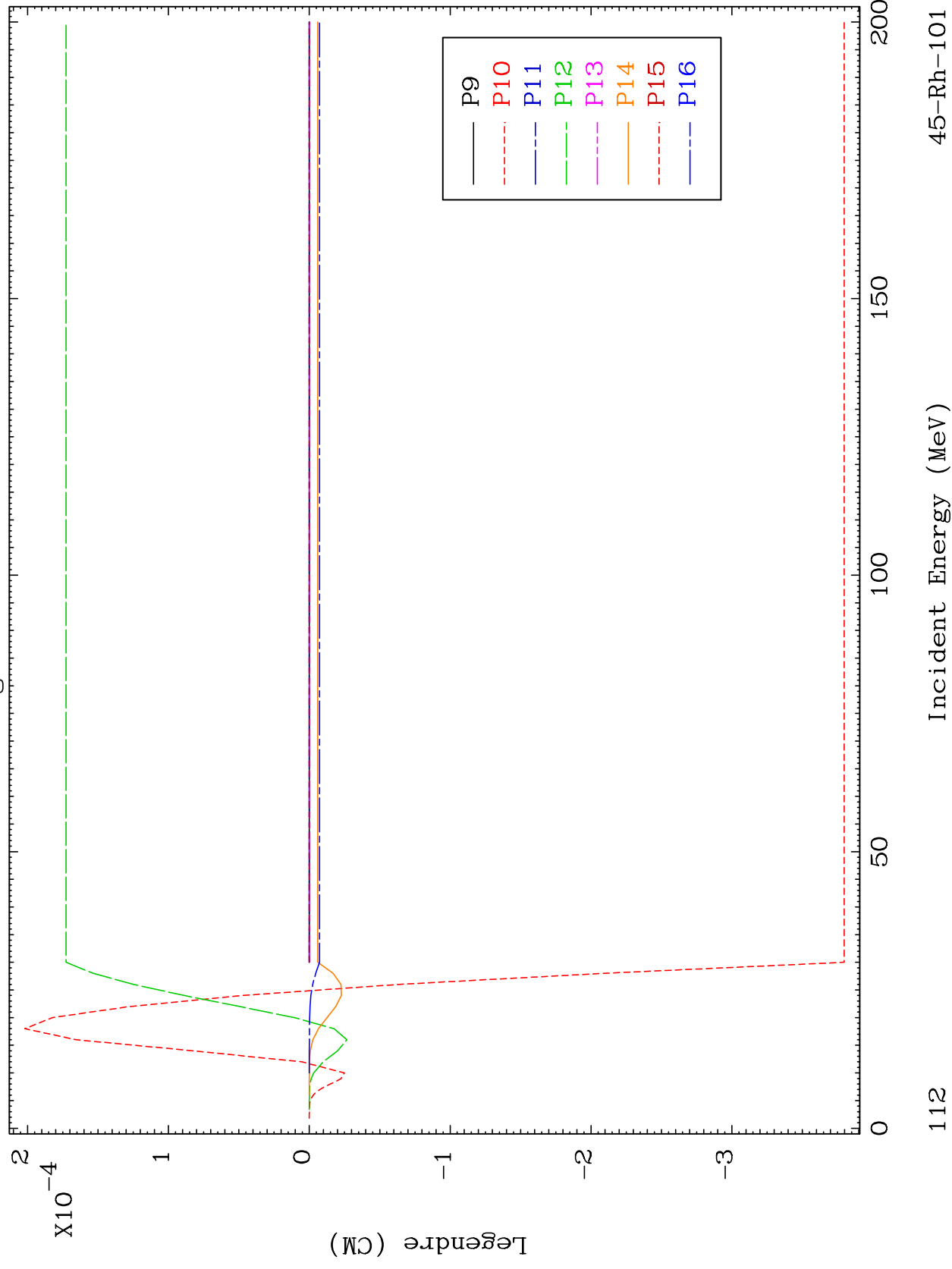




MAT 4519

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

45-Rh-101



112

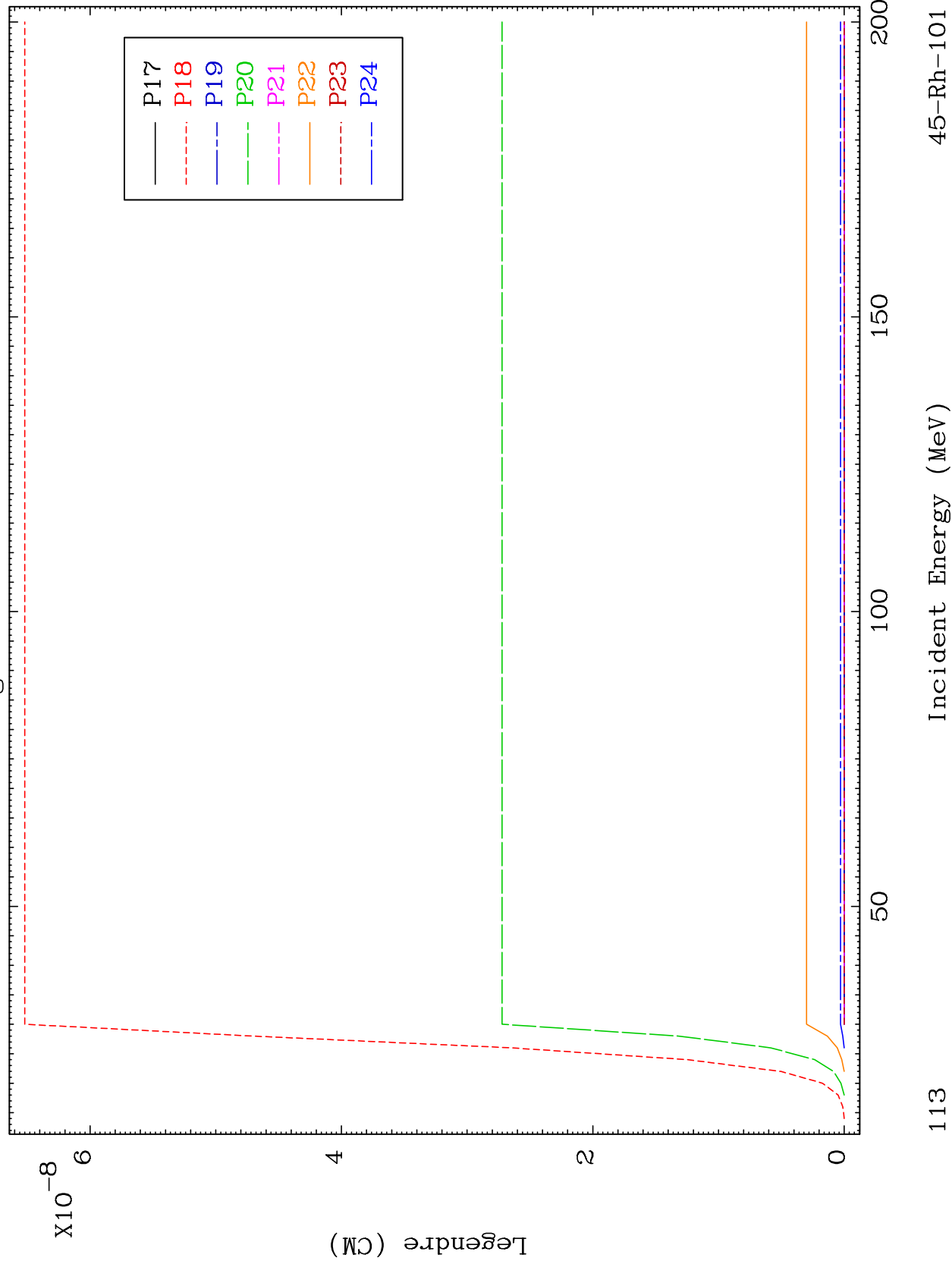
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

45-Rh-101

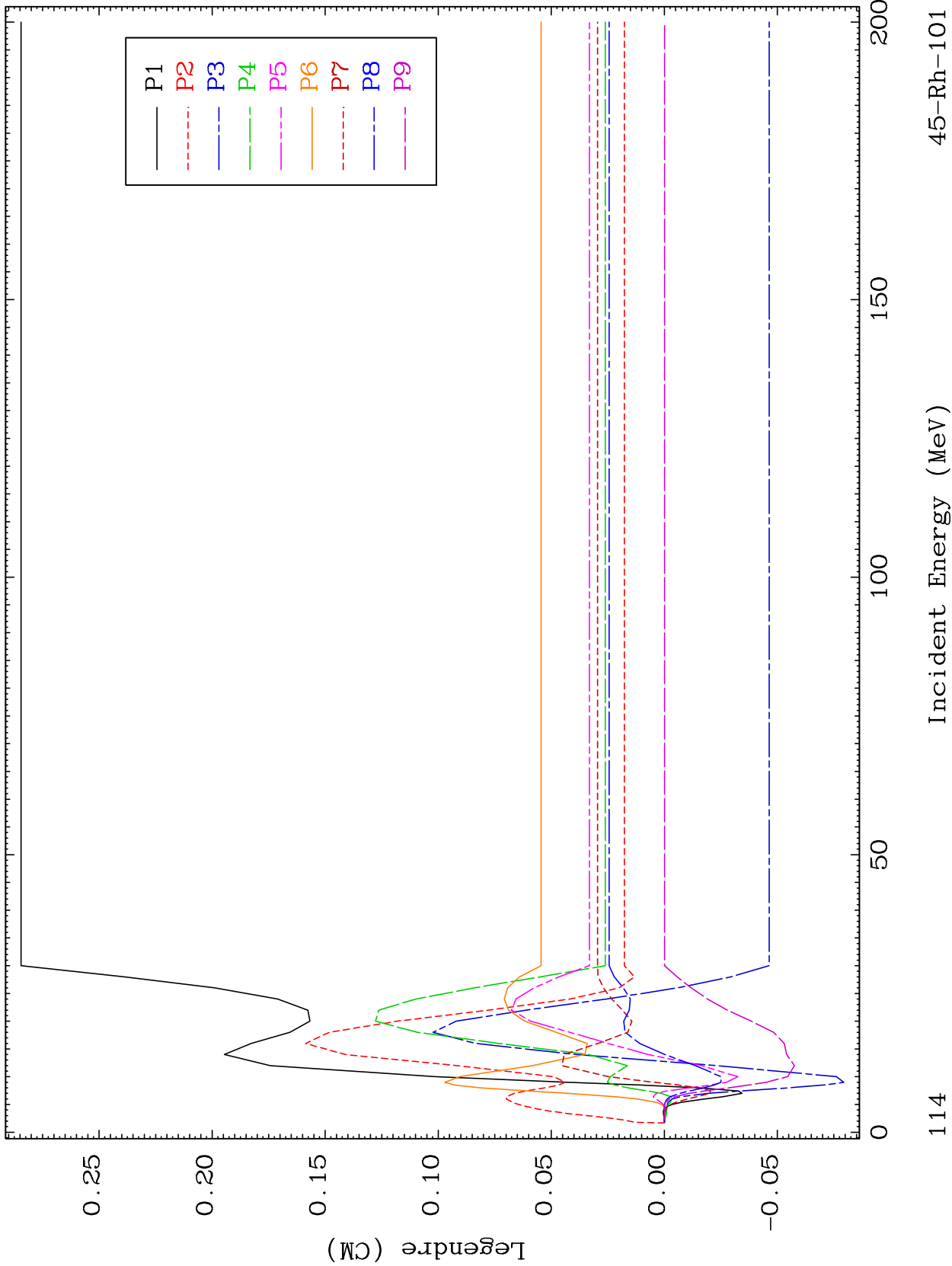


113

MAT 4519

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

45-Rh-101



114

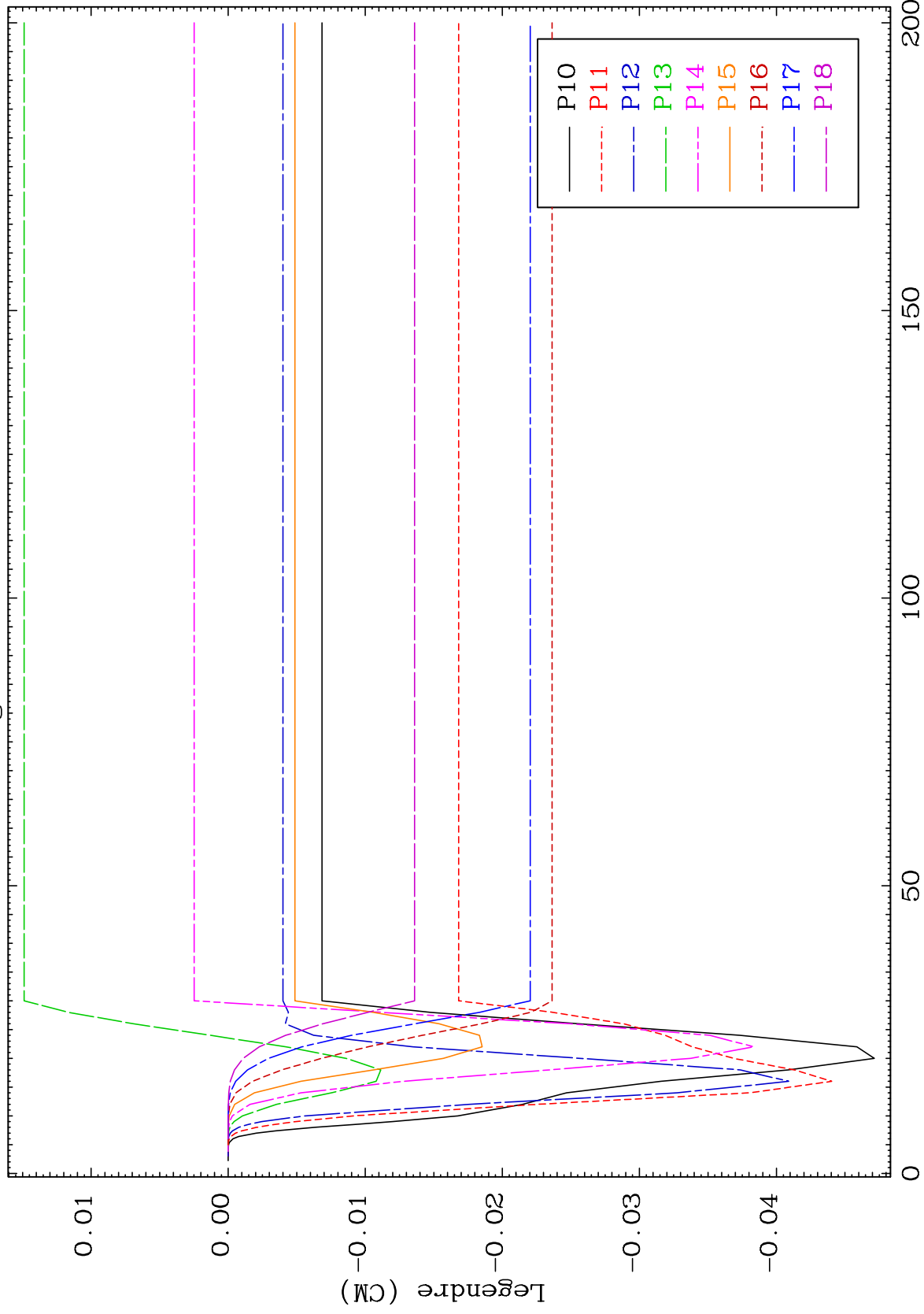
Incident Energy (MeV)

45-Rh-101

MAT 4519

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

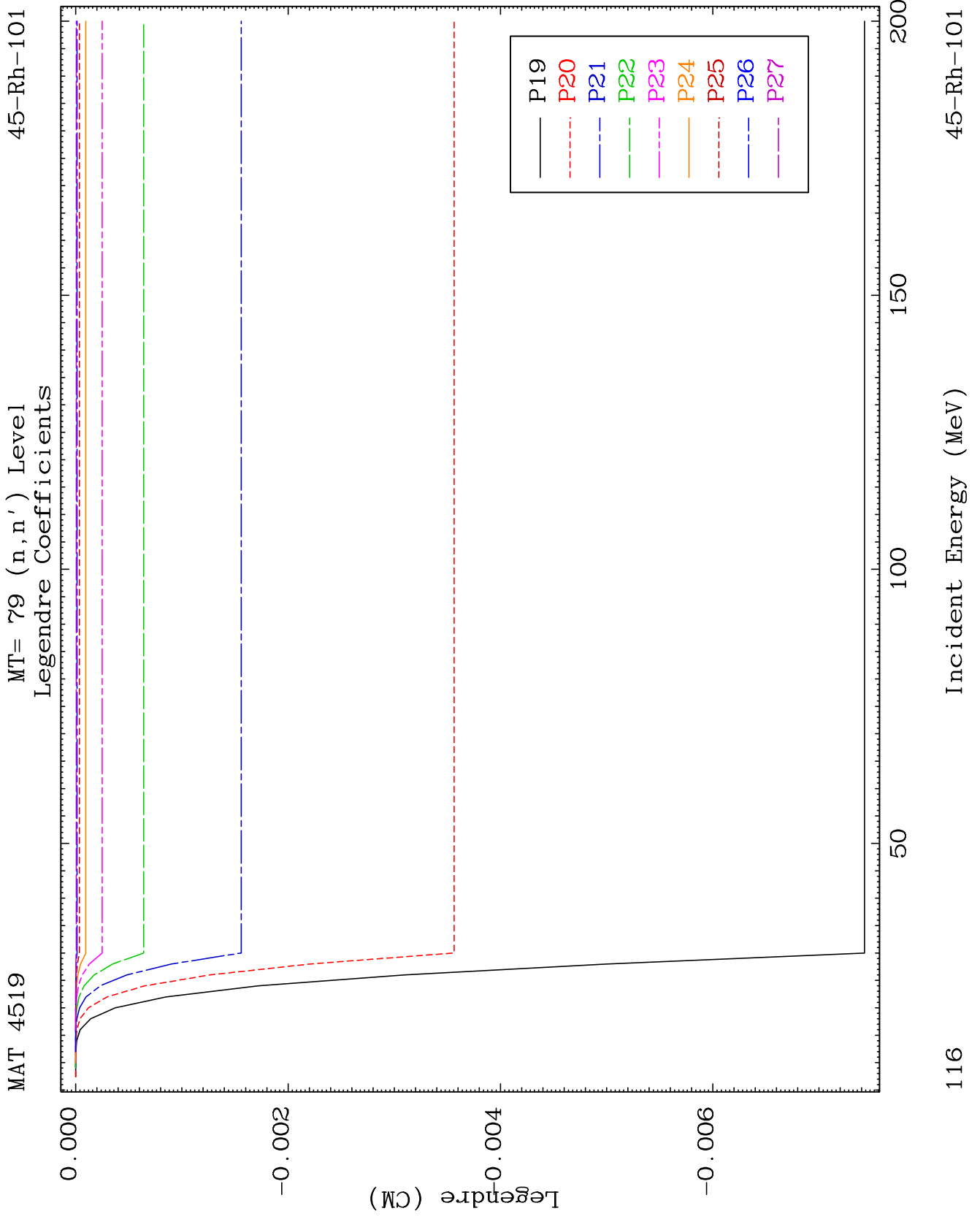
45-Rh-101

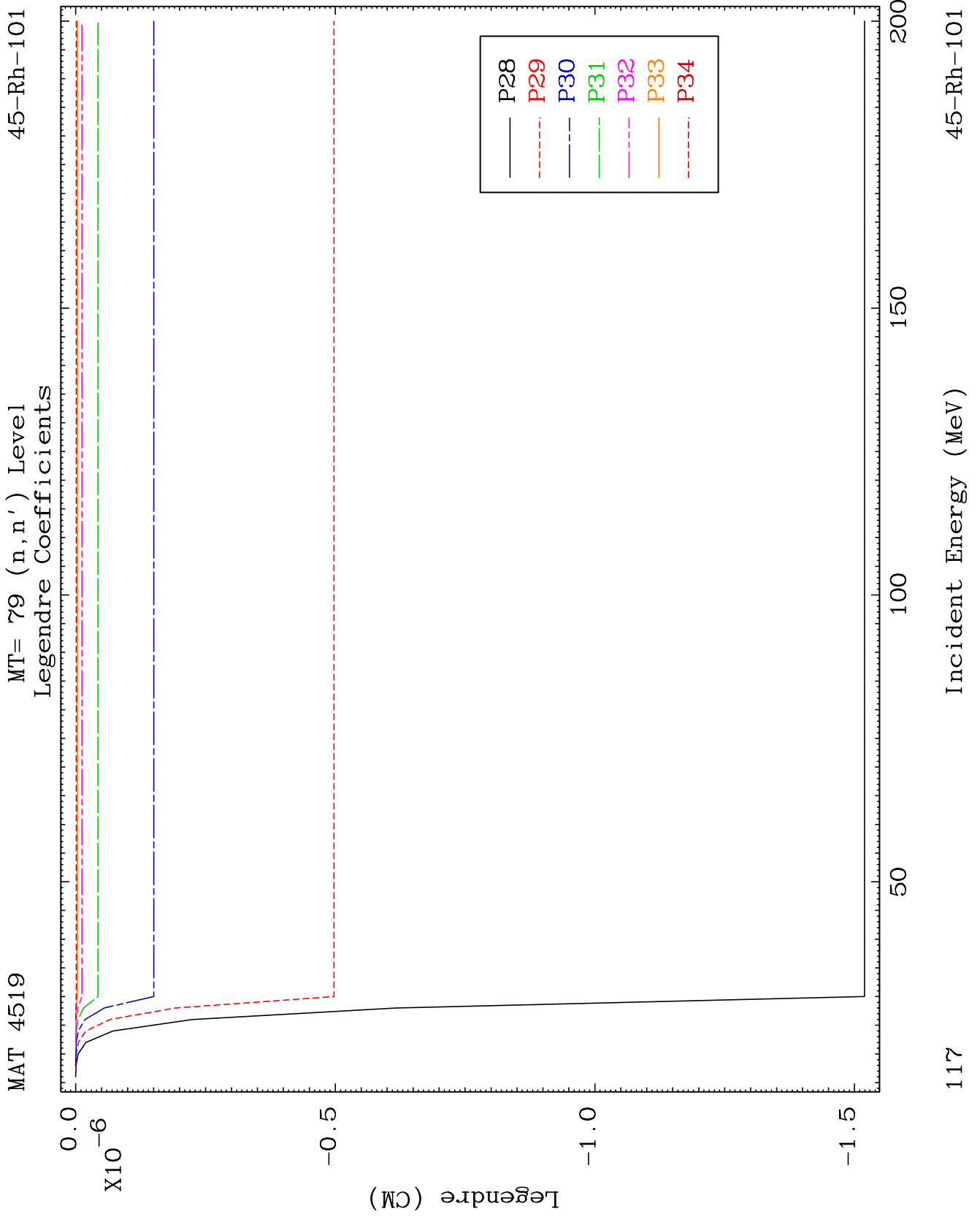


115

Incident Energy (MeV)

45-Rh-101

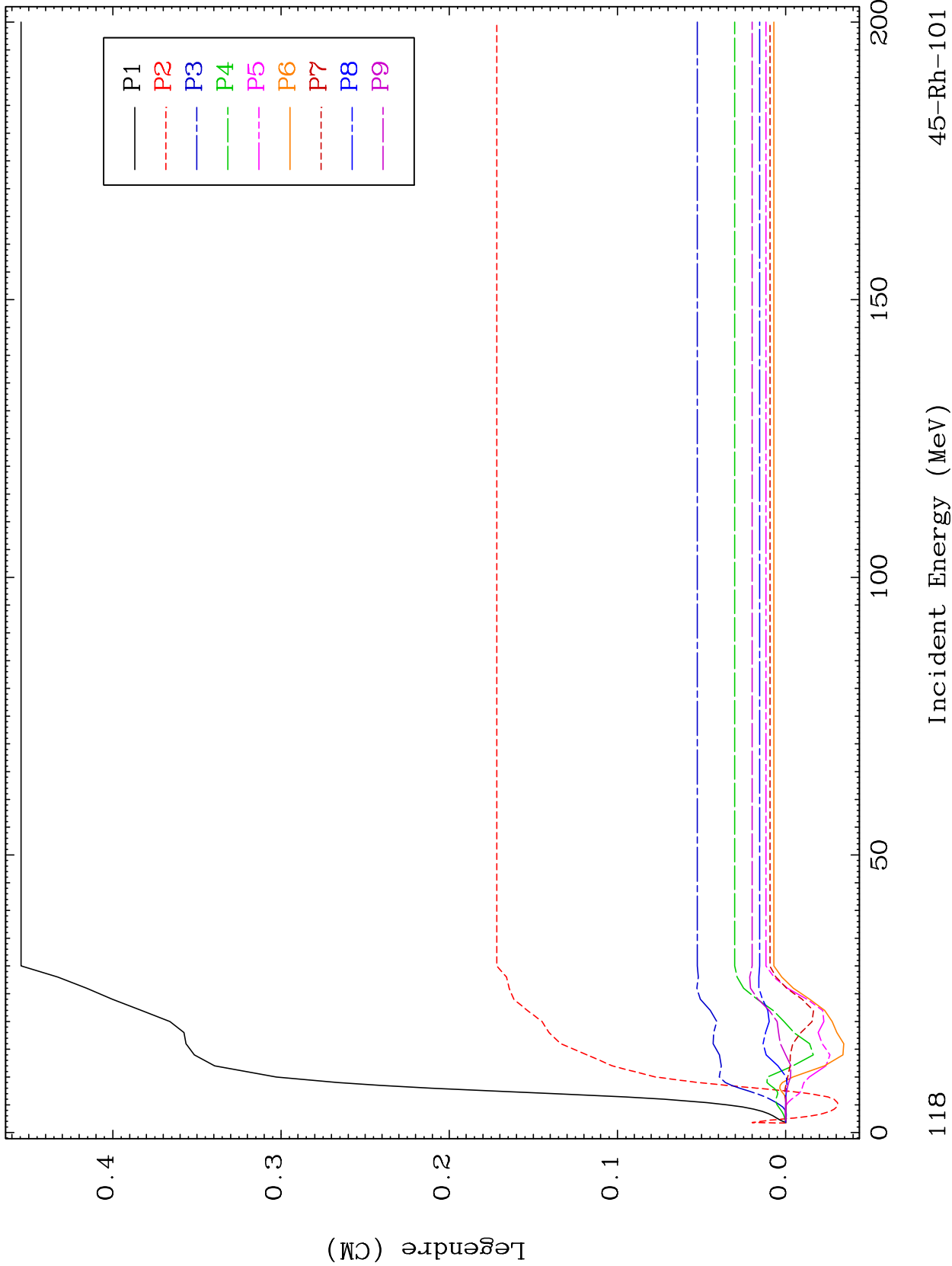




MAT 4519

MT= 80 (n,n') Level  
Legendre Coefficients

45-Rh-101



45-Rh-101

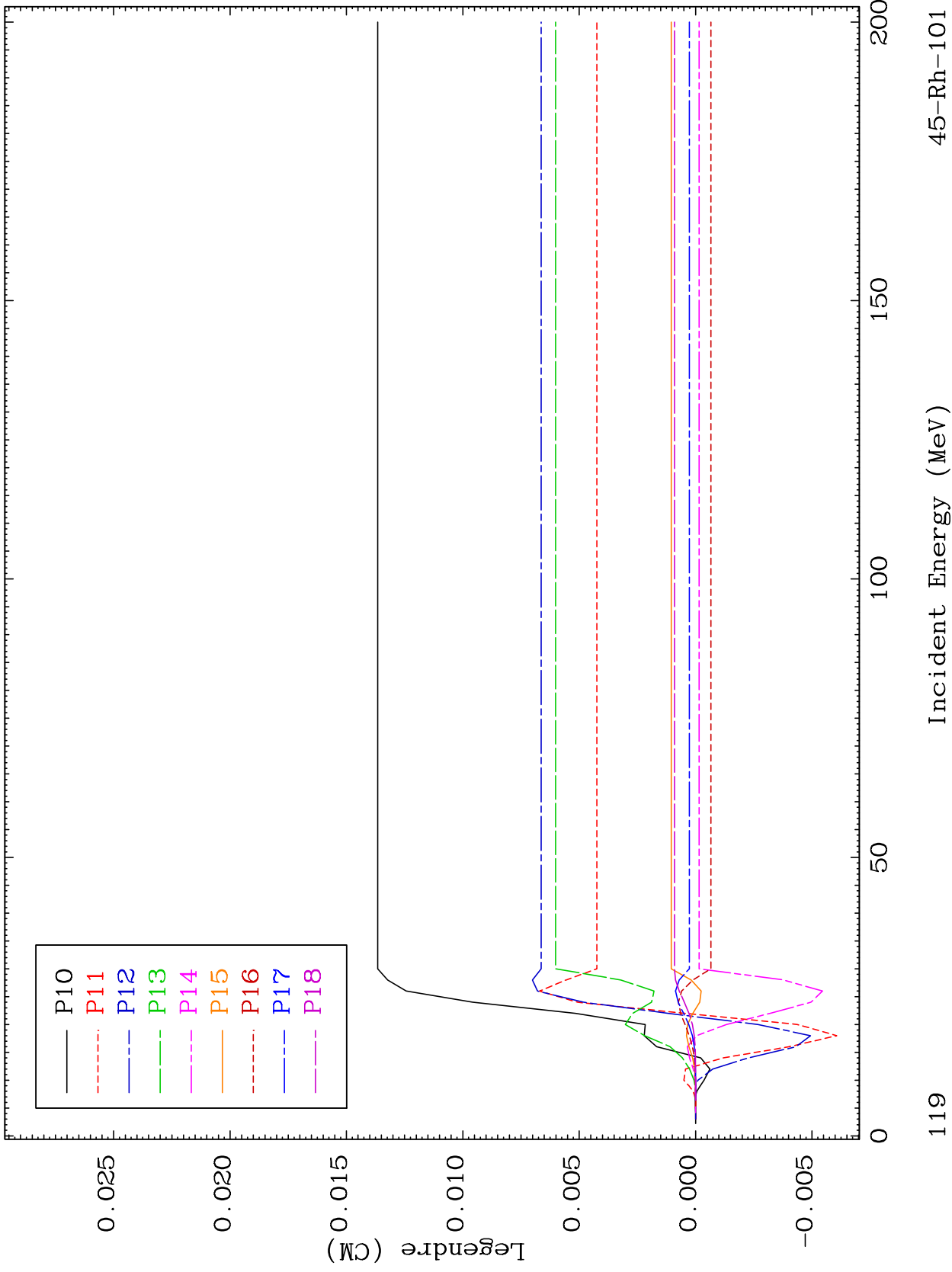
Incident Energy (MeV)

118

MAT 4519

MT= 80 (n,n') Level  
Legendre Coefficients

45-Rh-101



119

Incident Energy (MeV)

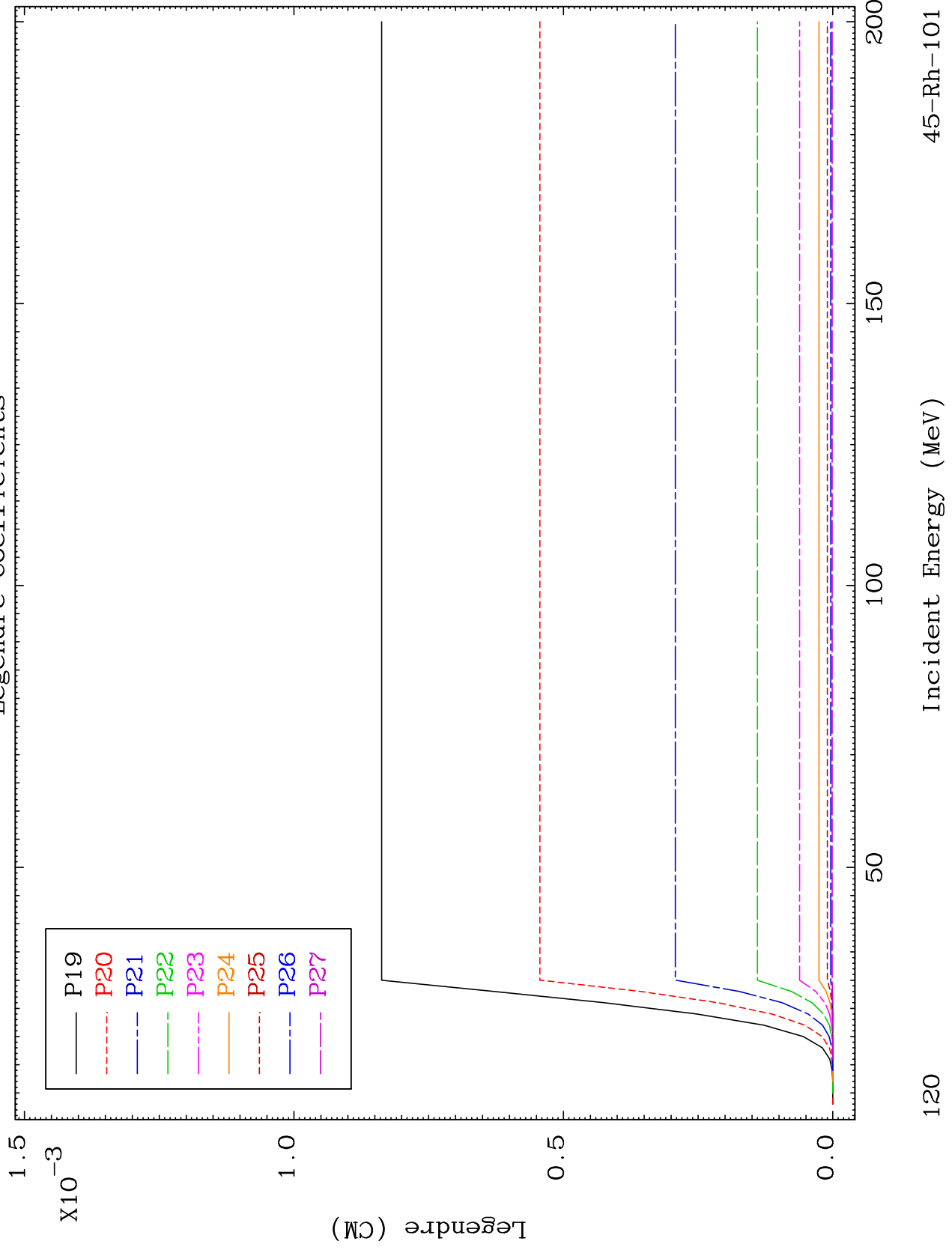
45-Rh-101



MAT 4519

MT= 80 (n,n') Level  
Legendre Coefficients

45-Rh-101



120

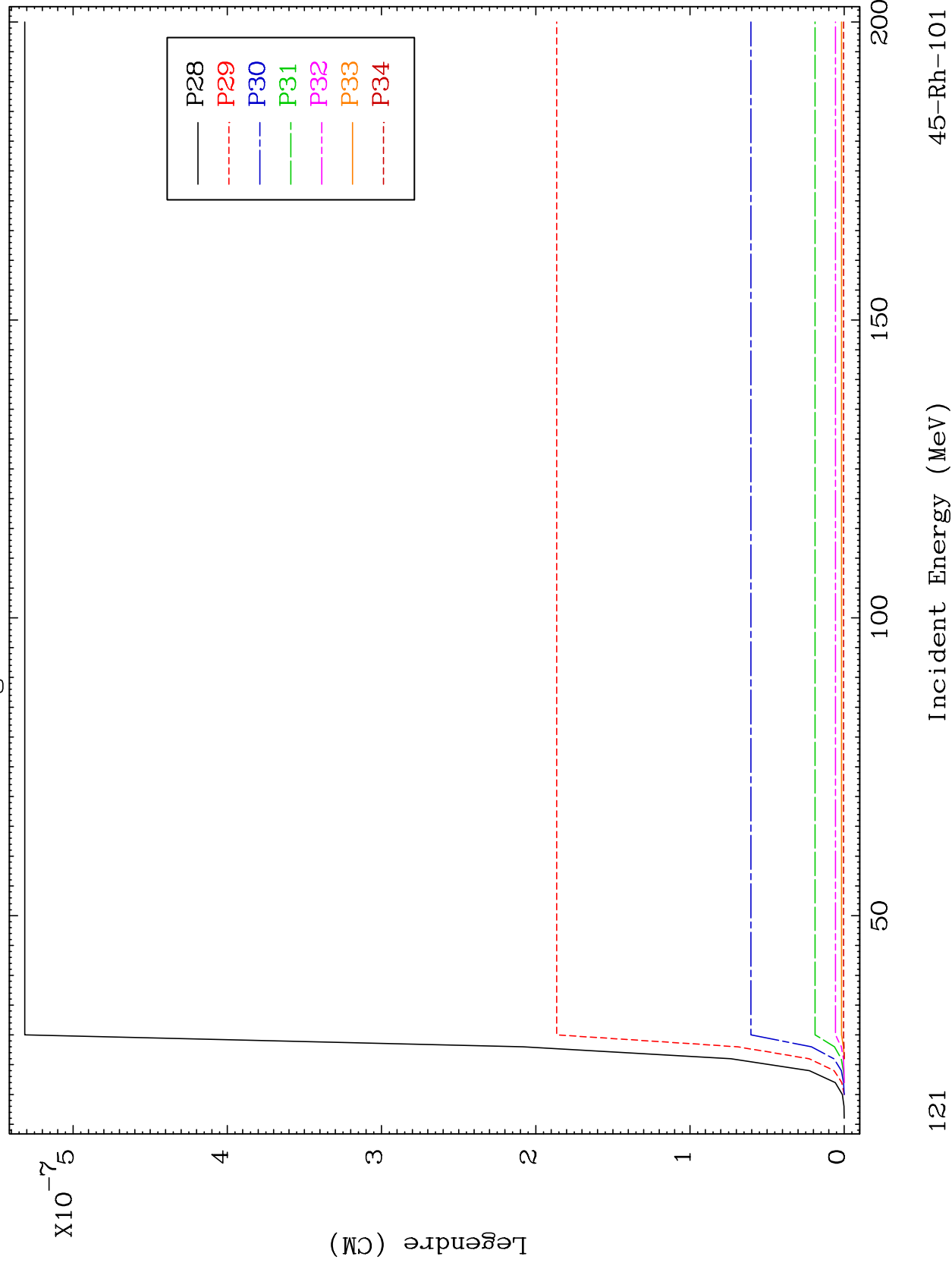
Incident Energy (MeV)

45-Rh-101

MAT 4519

MT= 80 (n,n') Level  
Legendre Coefficients

45-Rh-101



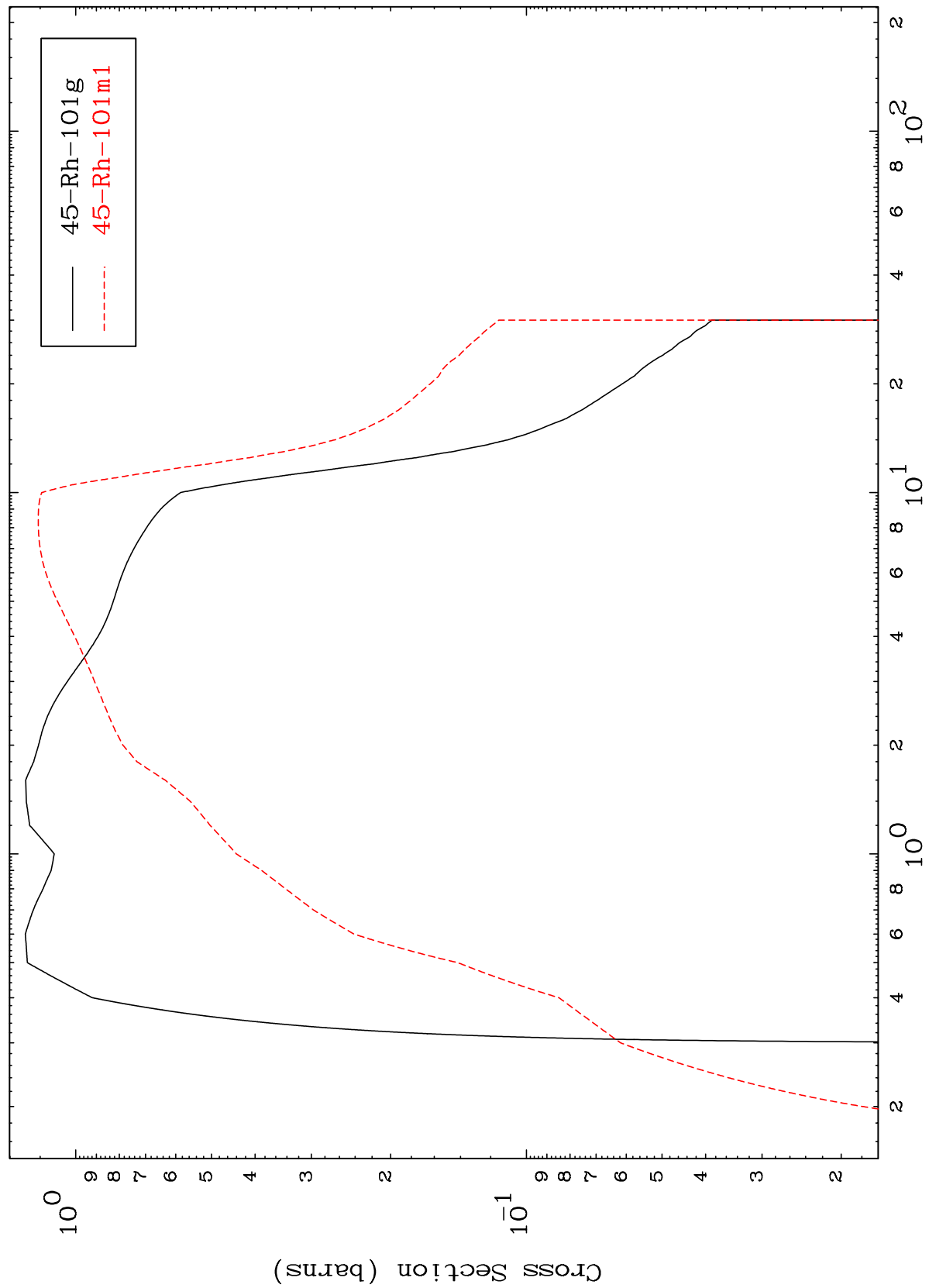
121

45-Rh-101

MAT 4519

45-Rh-101

Inelastic  
Radionuclide Production Cross Section



122

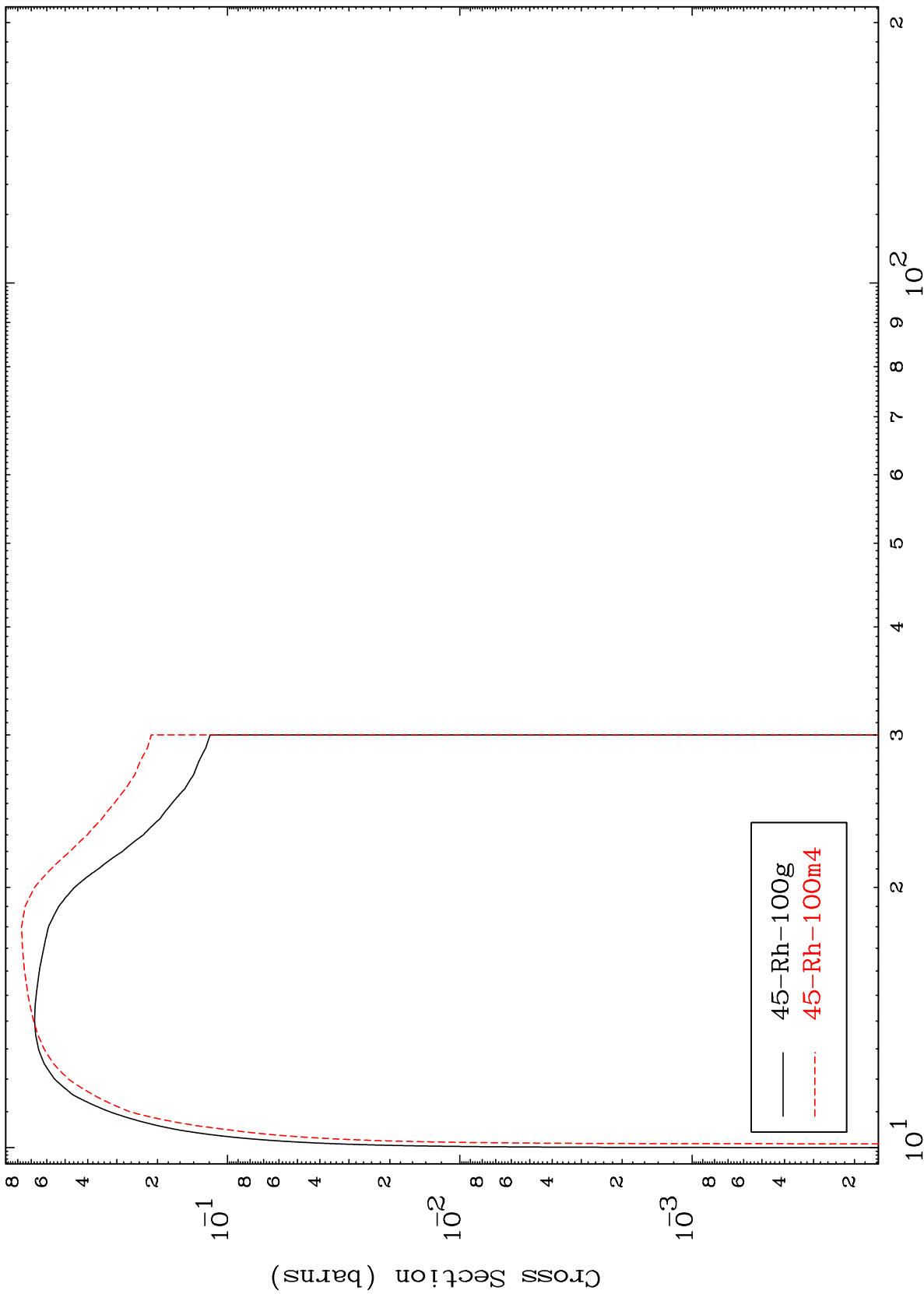
45-Rh-101

Incident Energy (MeV)

MAT 4519

45-Rh-101

(n,2n)  
Radionuclide Production Cross Section



45-Rh-101

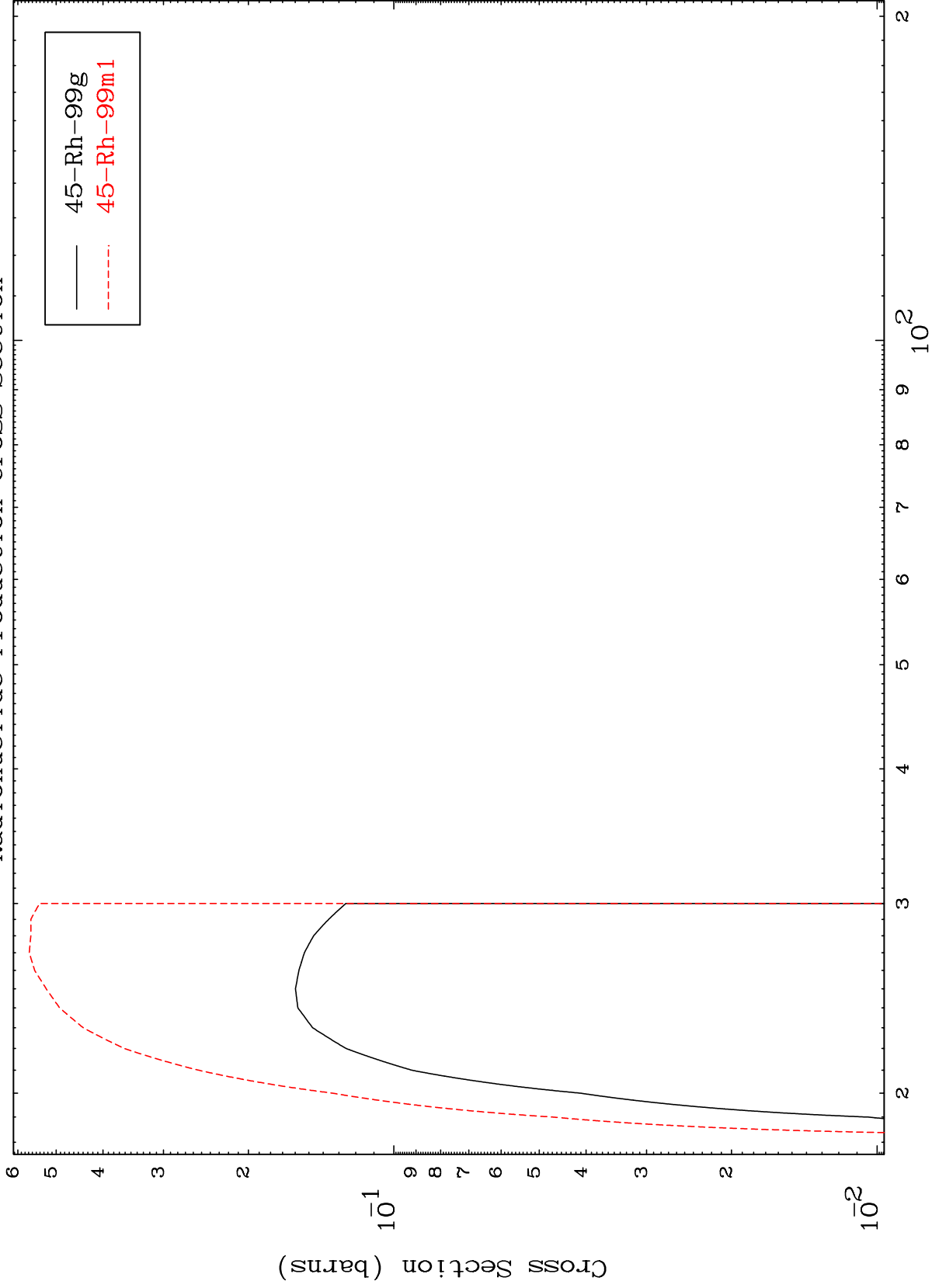
Incident Energy (MeV)

123

MAT 4519

45-Rh-101

(n,3n)  
Radionuclide Production Cross Section



124

Incident Energy (MeV)

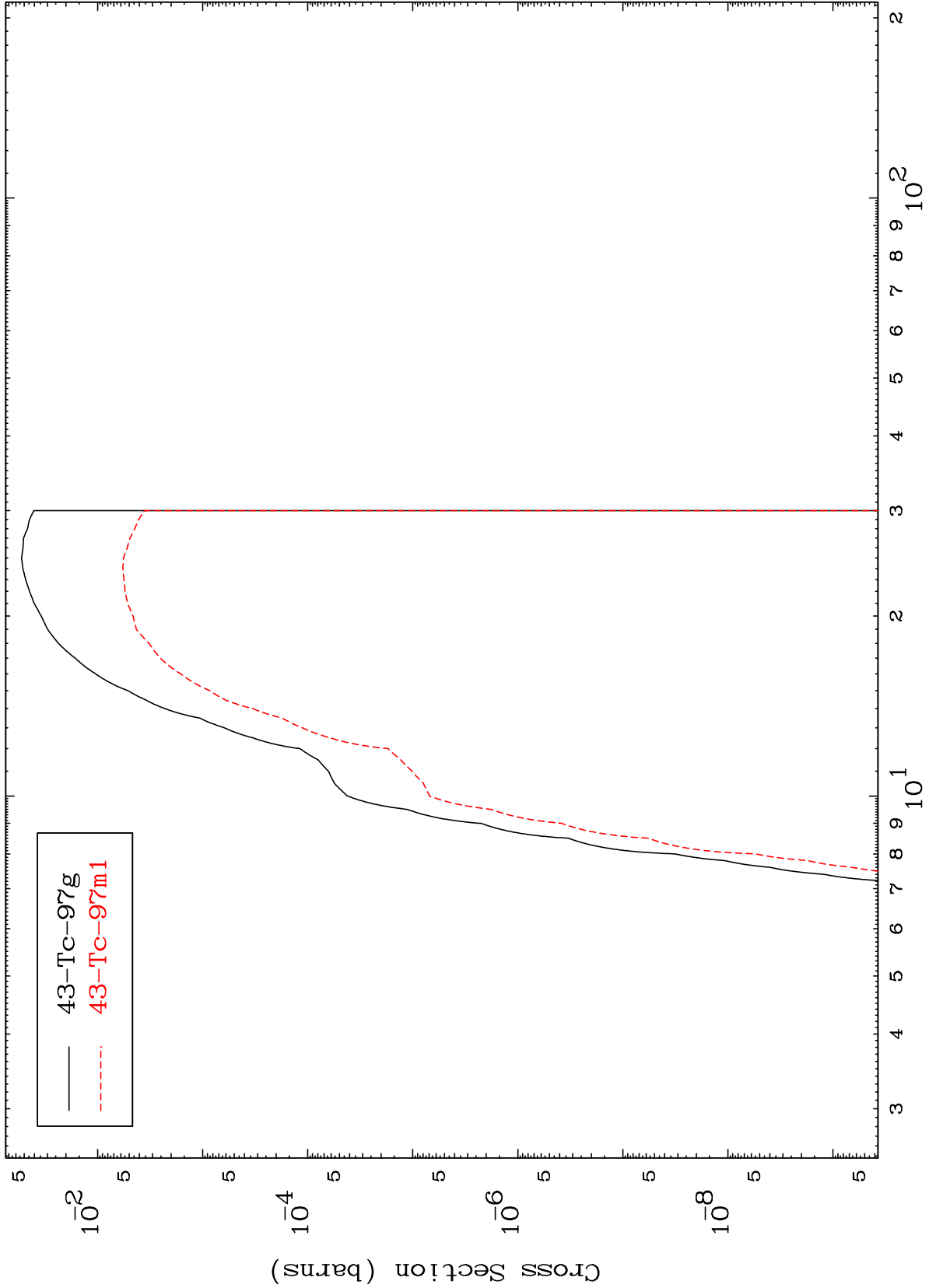
45-Rh-101

MAT 4519

45-Rh-101

(n,n')  $\alpha$

Radionuclide Production Cross Section

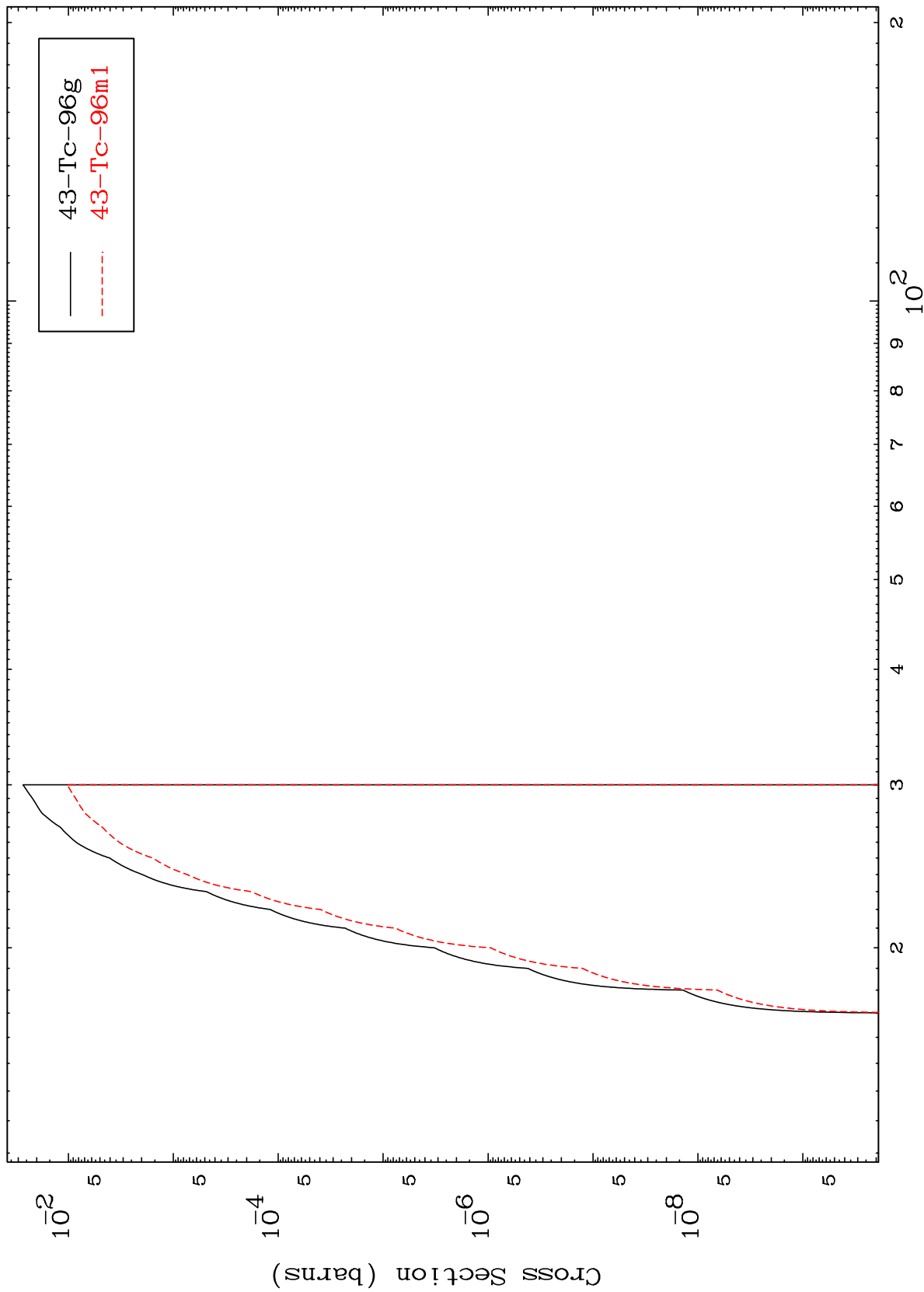


125

Incident Energy (MeV)

45-Rh-101

Radionuclide Production Cross Section

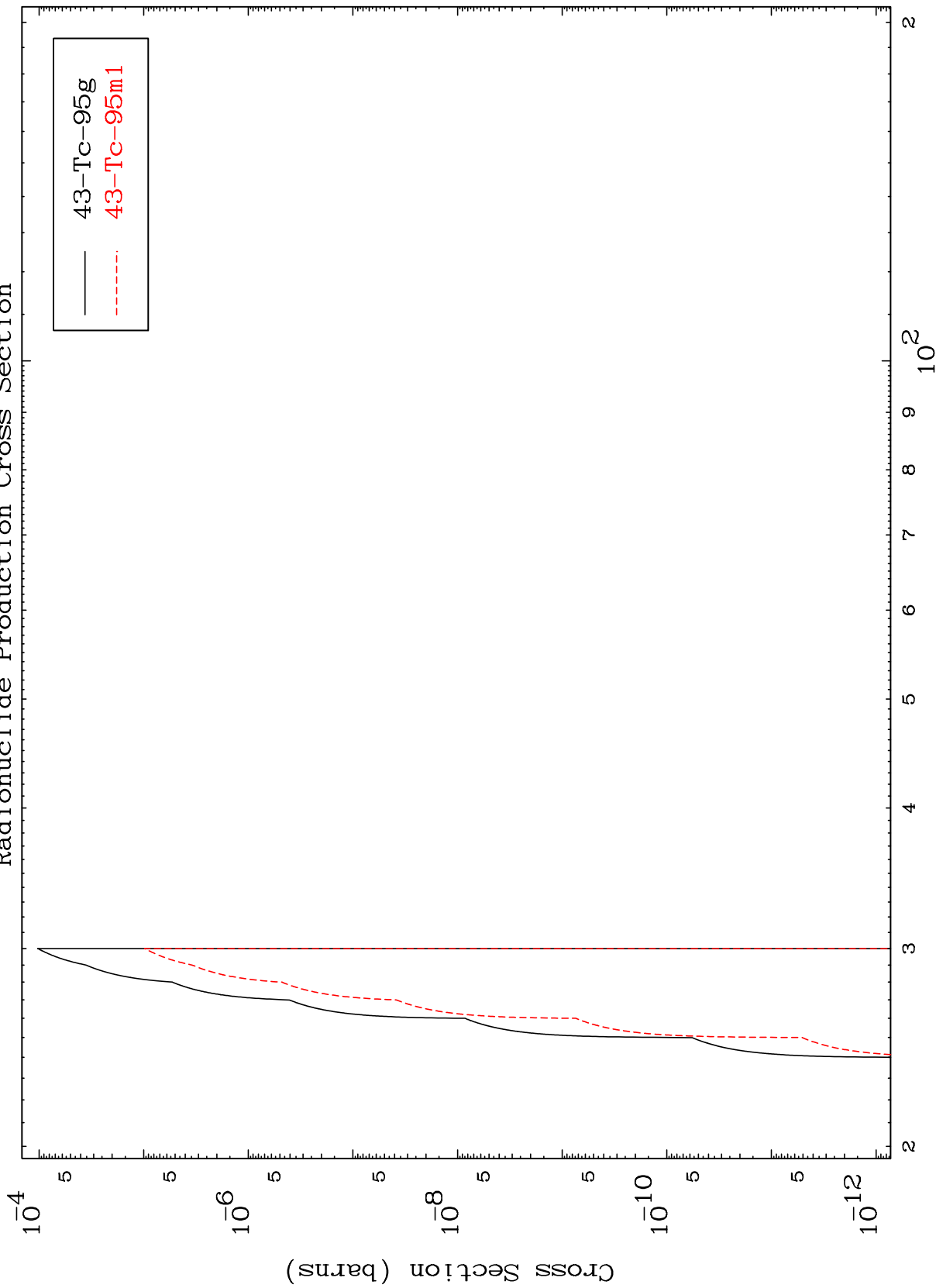


MAT 4519

(n,3n)  $\alpha$

45-Rh-101

Radionuclide Production Cross Section



127

Incident Energy (MeV)

45-Rh-101

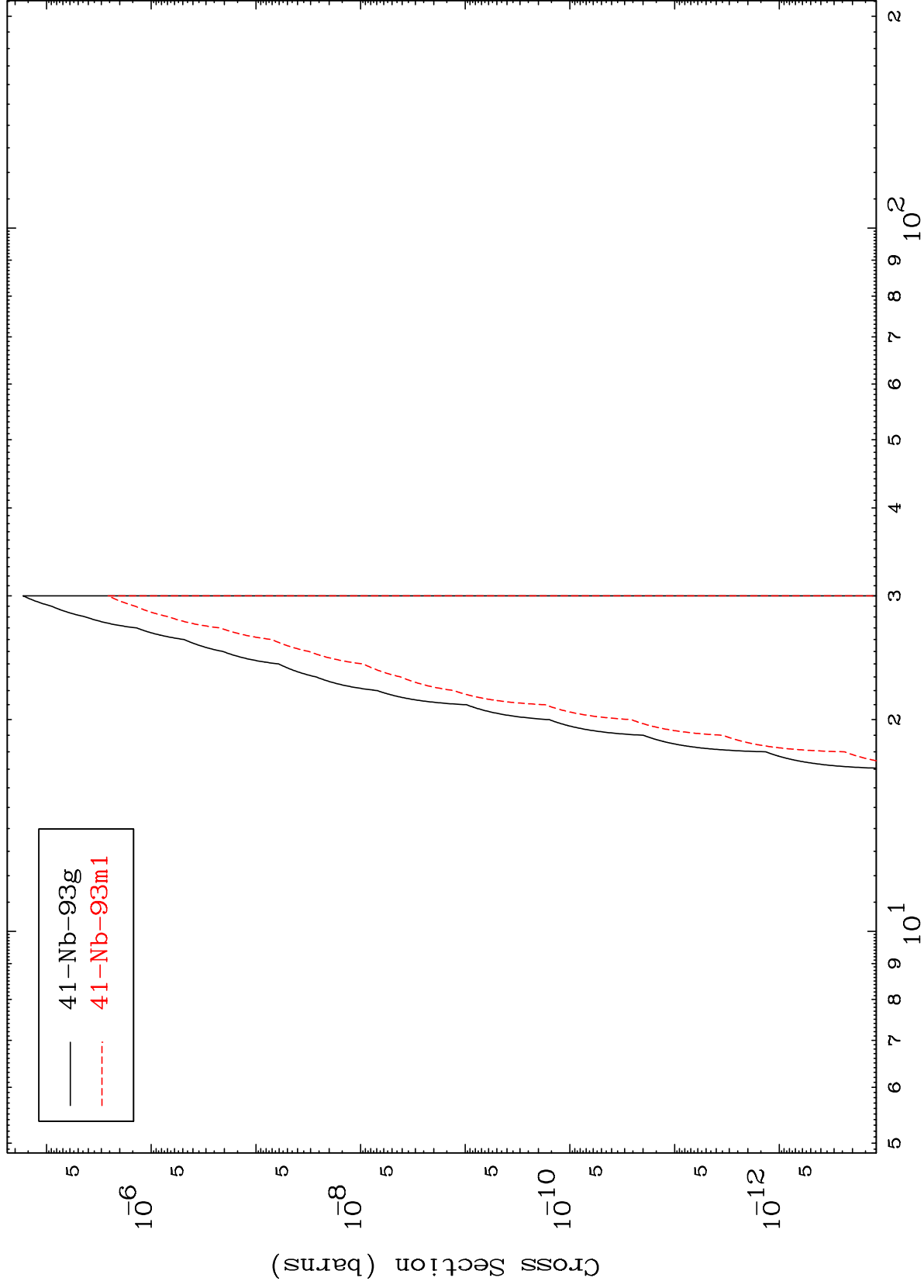


MAT 4519

(n, n') 2 $\alpha$

45-Rh-101

Radionuclide Production Cross Section



128

Incident Energy (MeV)

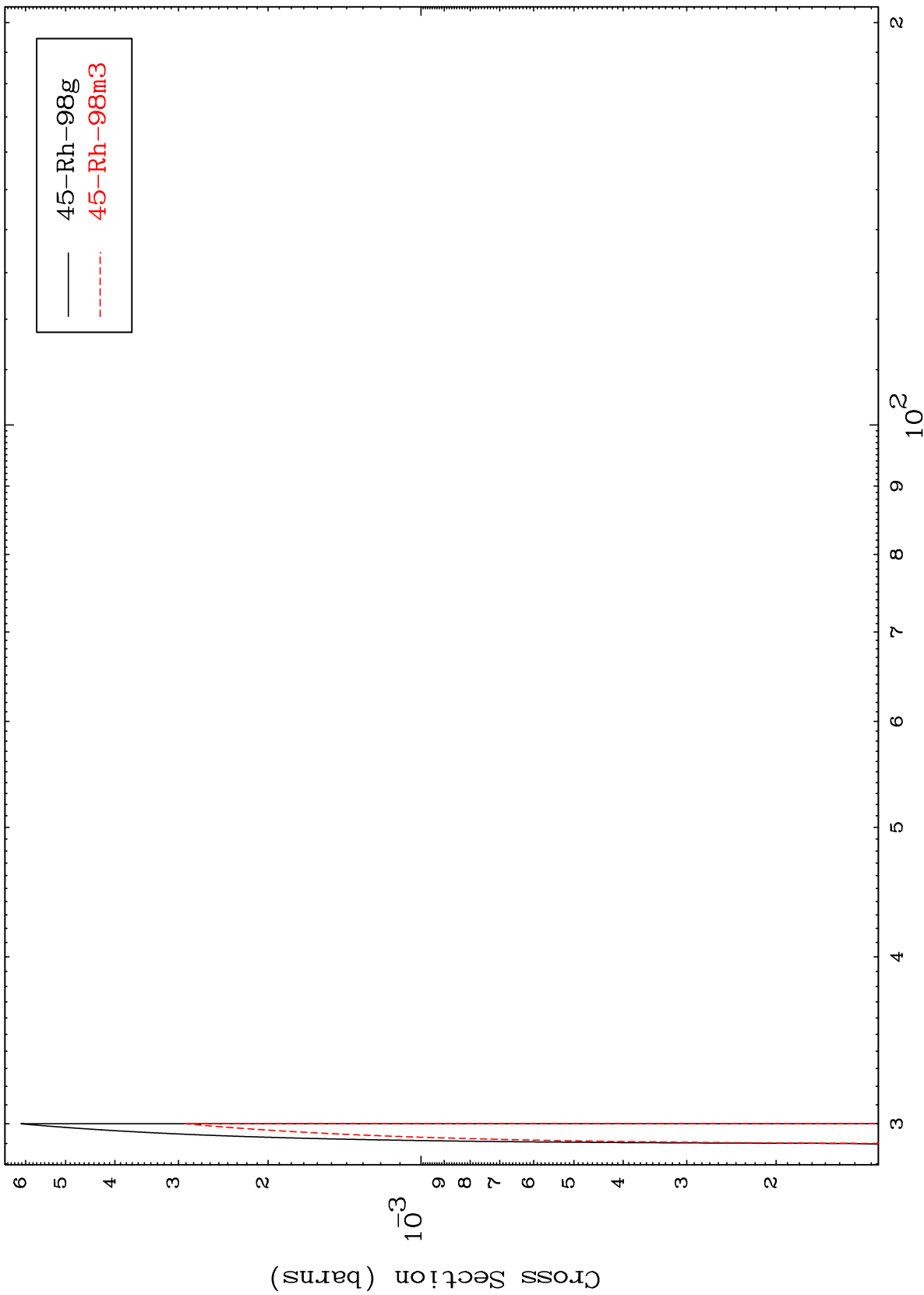
45-Rh-101

MAT 4519

45-Rh-101

(n,4n)

Radionuclide Production Cross Section



129

Incident Energy (MeV)

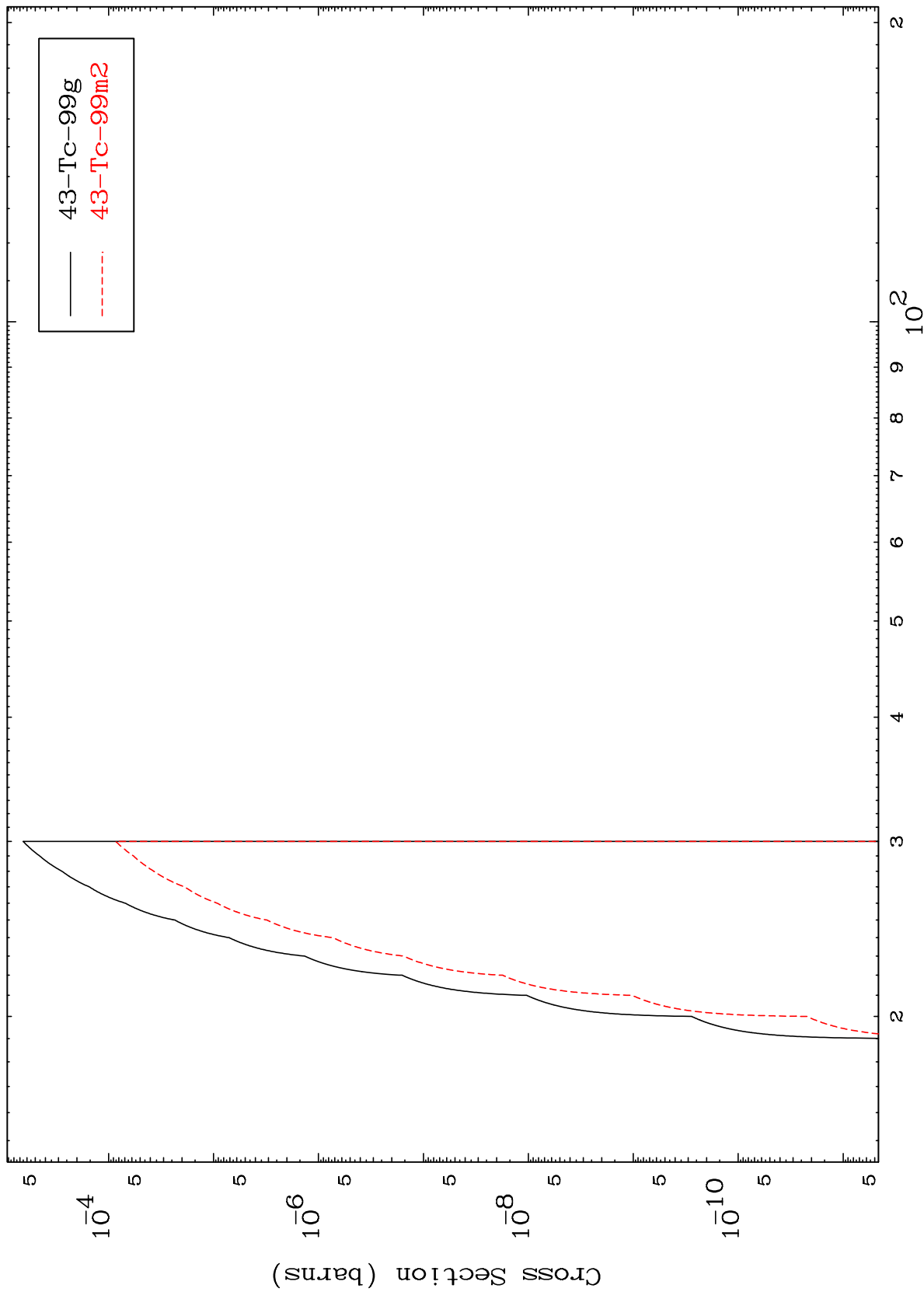
45-Rh-101

MAT 4519

(n,2n) p

45-Rh-101

Radionuclide Production Cross Section



130

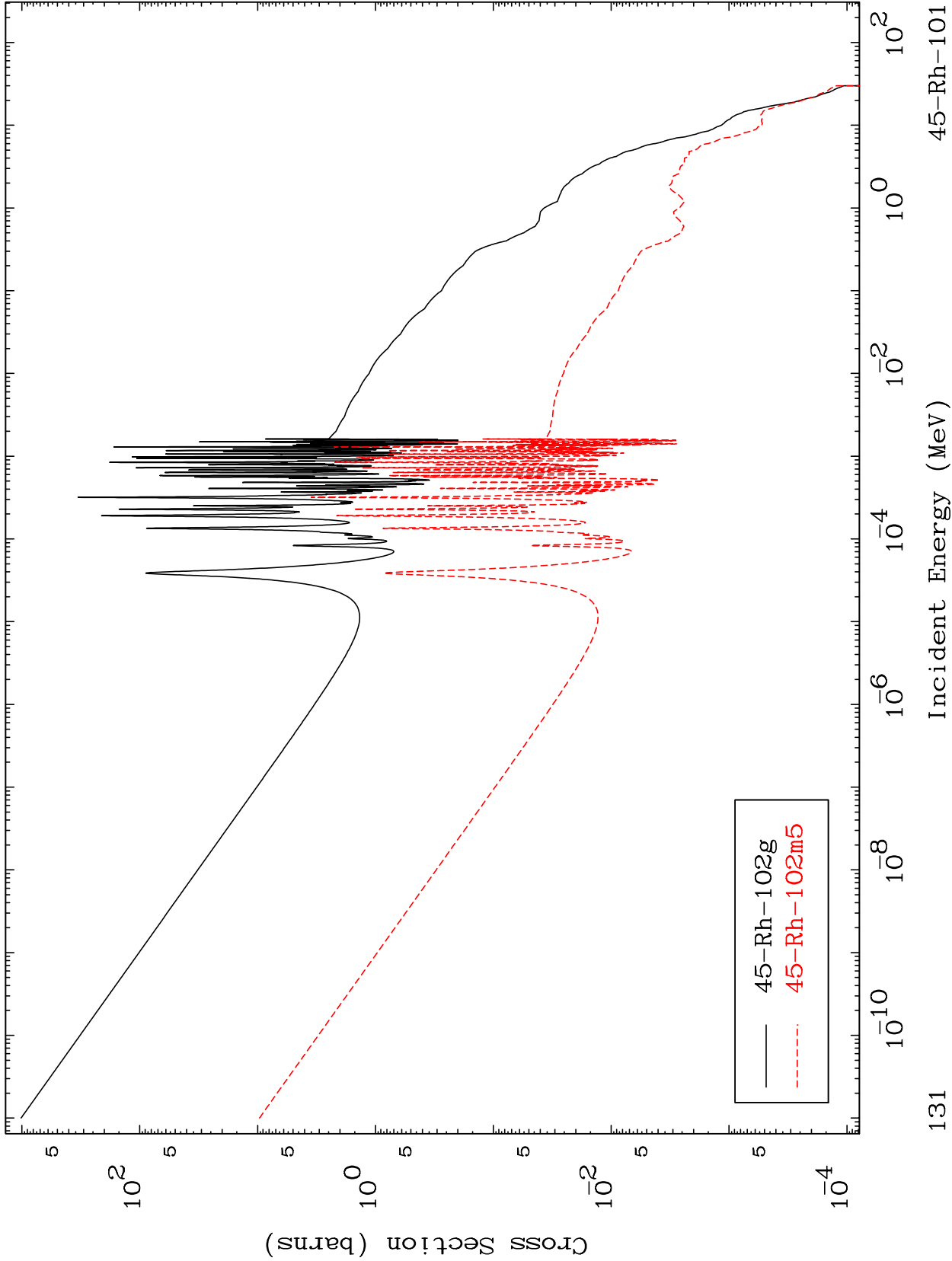
Incident Energy (MeV)

45-Rh-101

MAT 4519

45-Rh-101

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

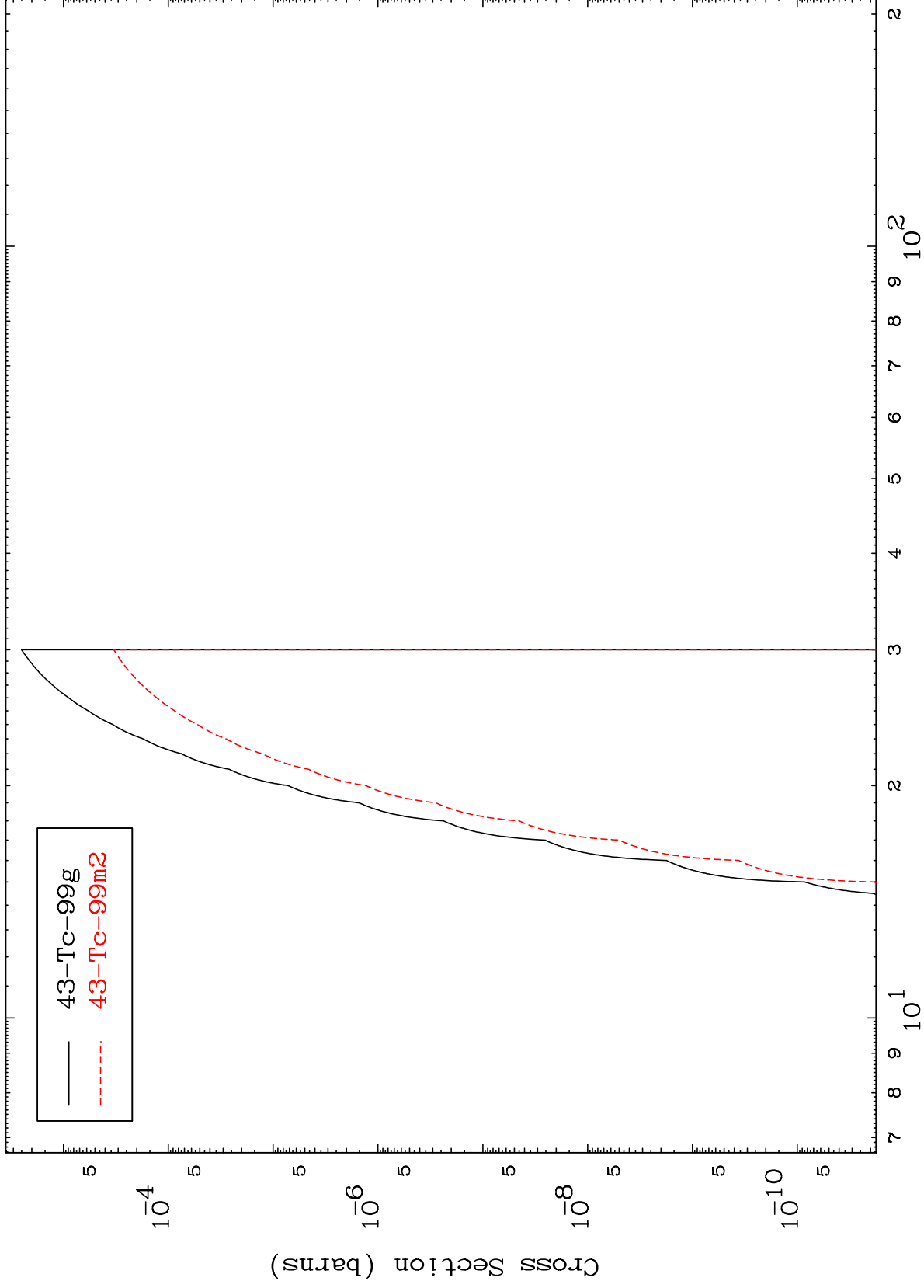


MAT 4519

(n,He-3)

45-Rh-101

Radionuclide Production Cross Section



132

Incident Energy (MeV)

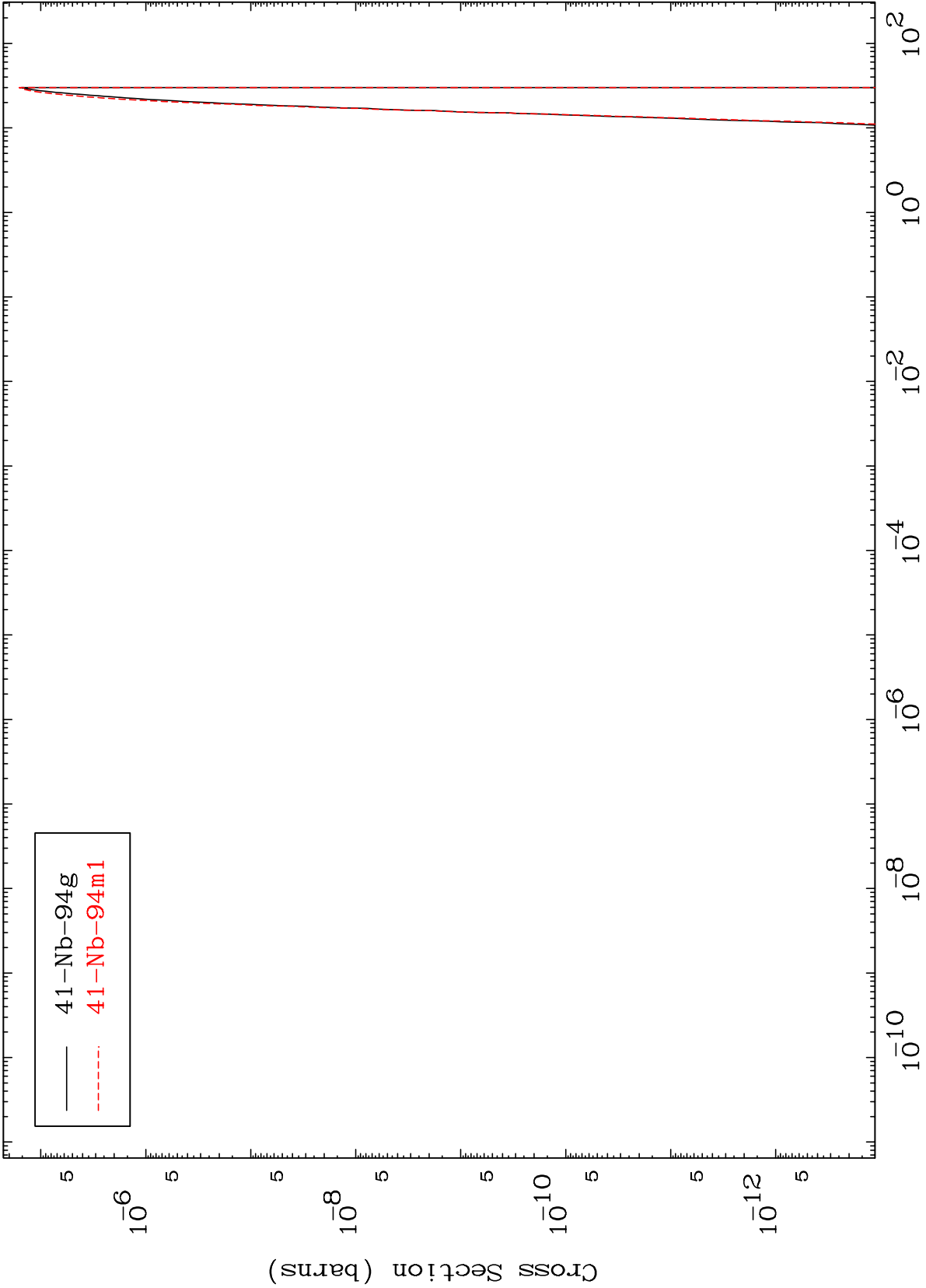
45-Rh-101

MAT 4519

(n,2α)

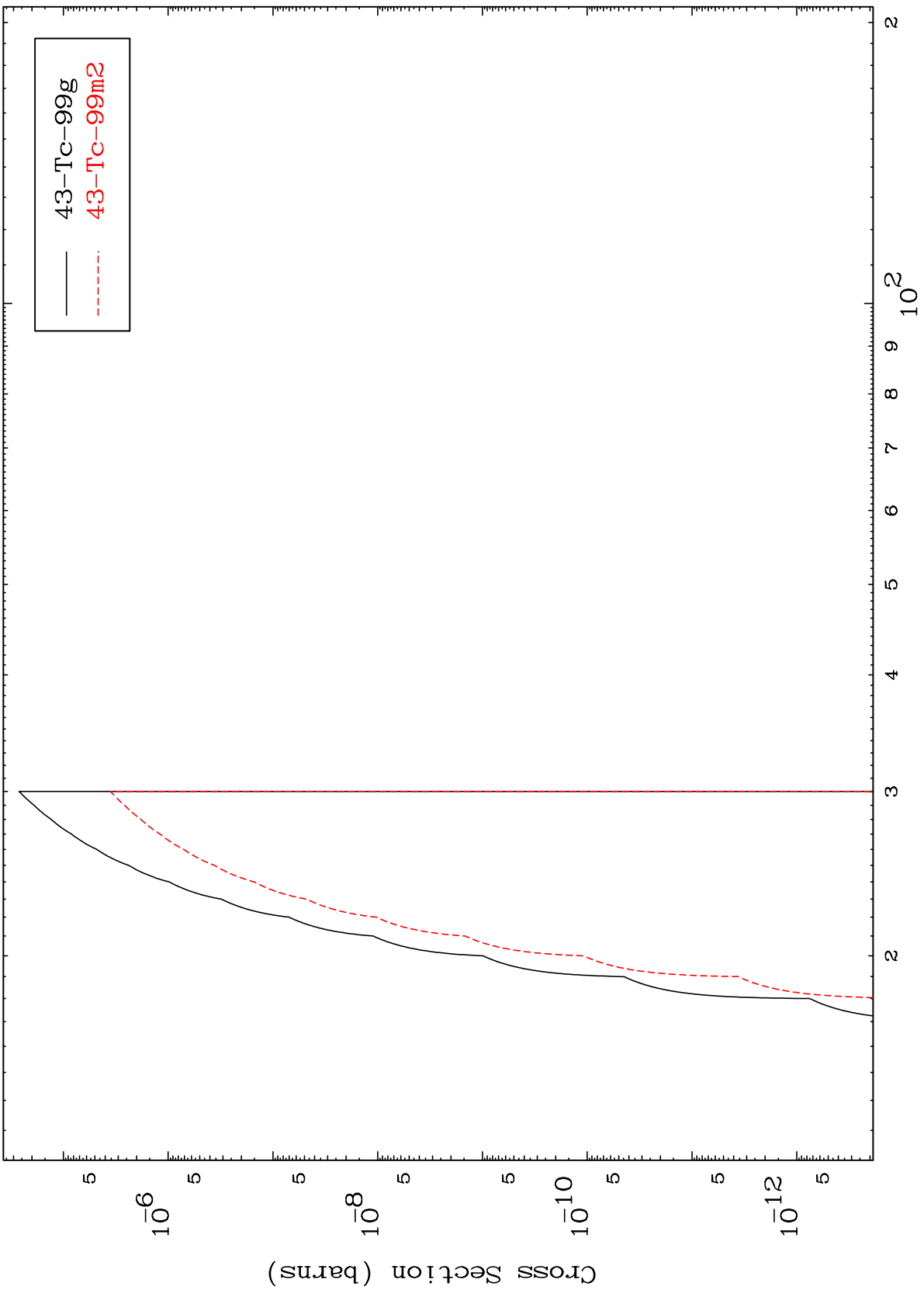
45-Rh-101

Radionuclide Production Cross Section



41-Nb-94g  
41-Nb-94m1

Radionuclide Production Cross Section



43-Tc-99g  
43-Tc-99m2