

Program EVALPLOT
(Version 2021-1)

by

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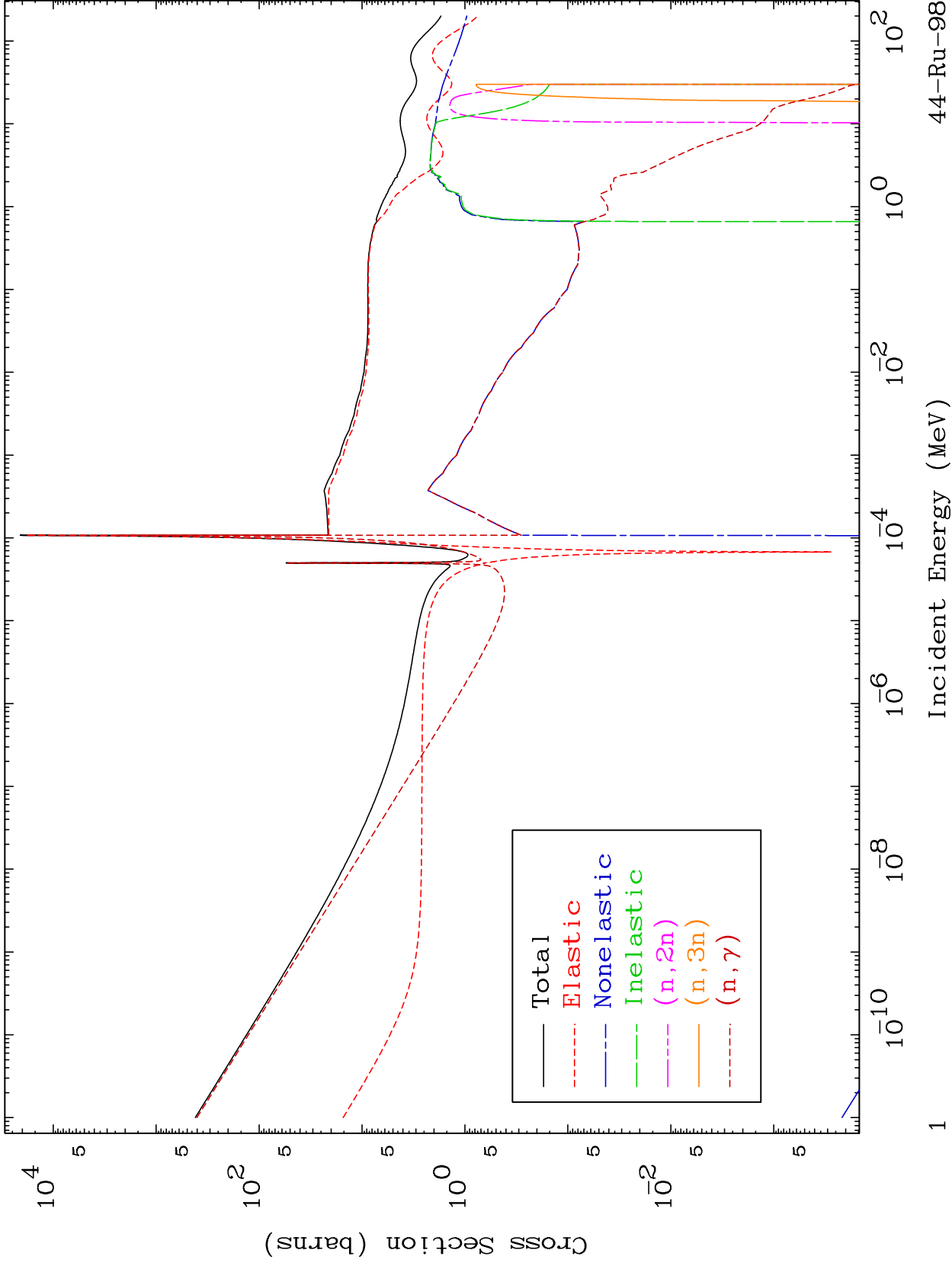
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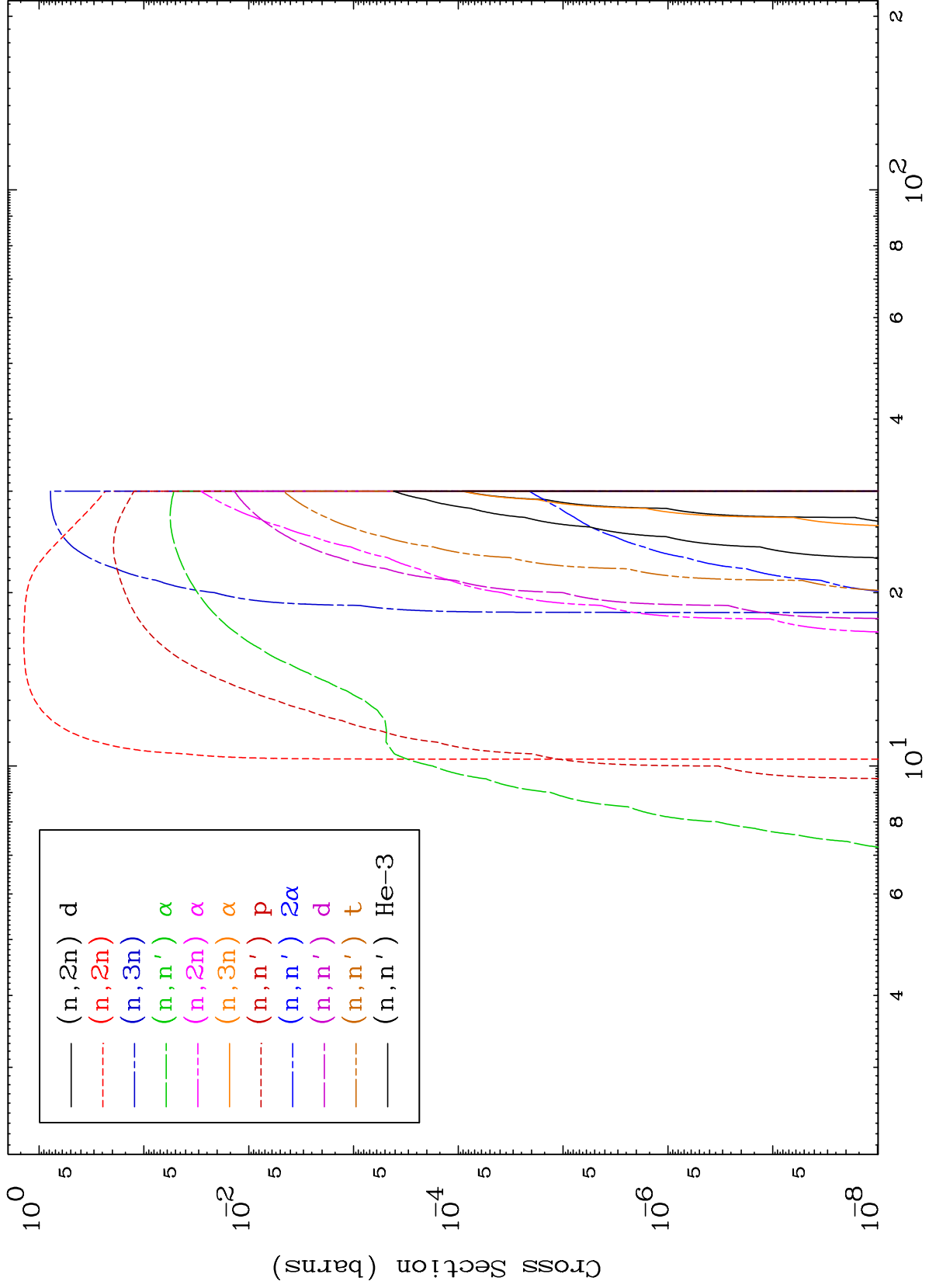
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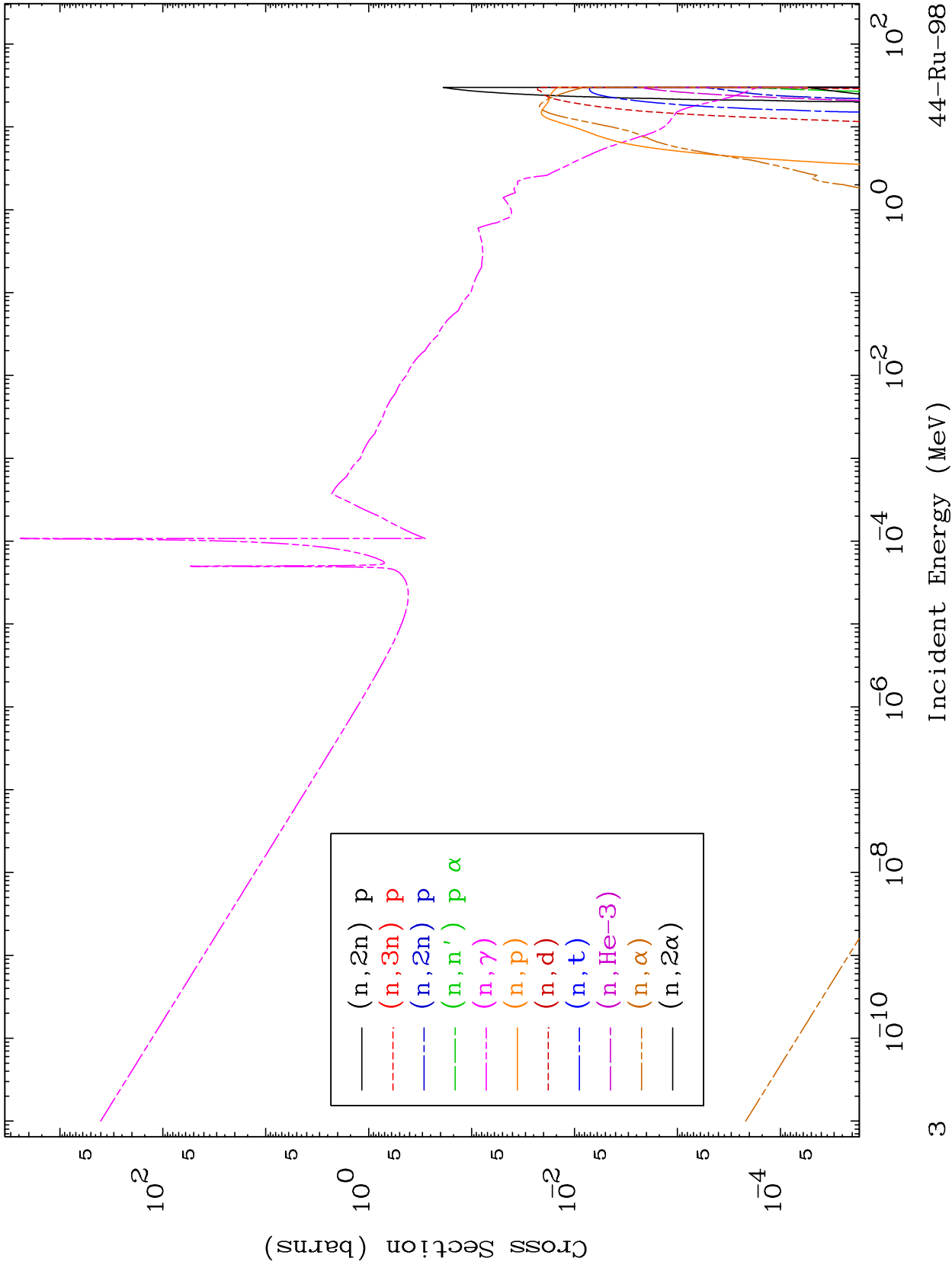
MAT 4431

Neutron Major
293 Kelvin Cross Sections

44-Ru-98



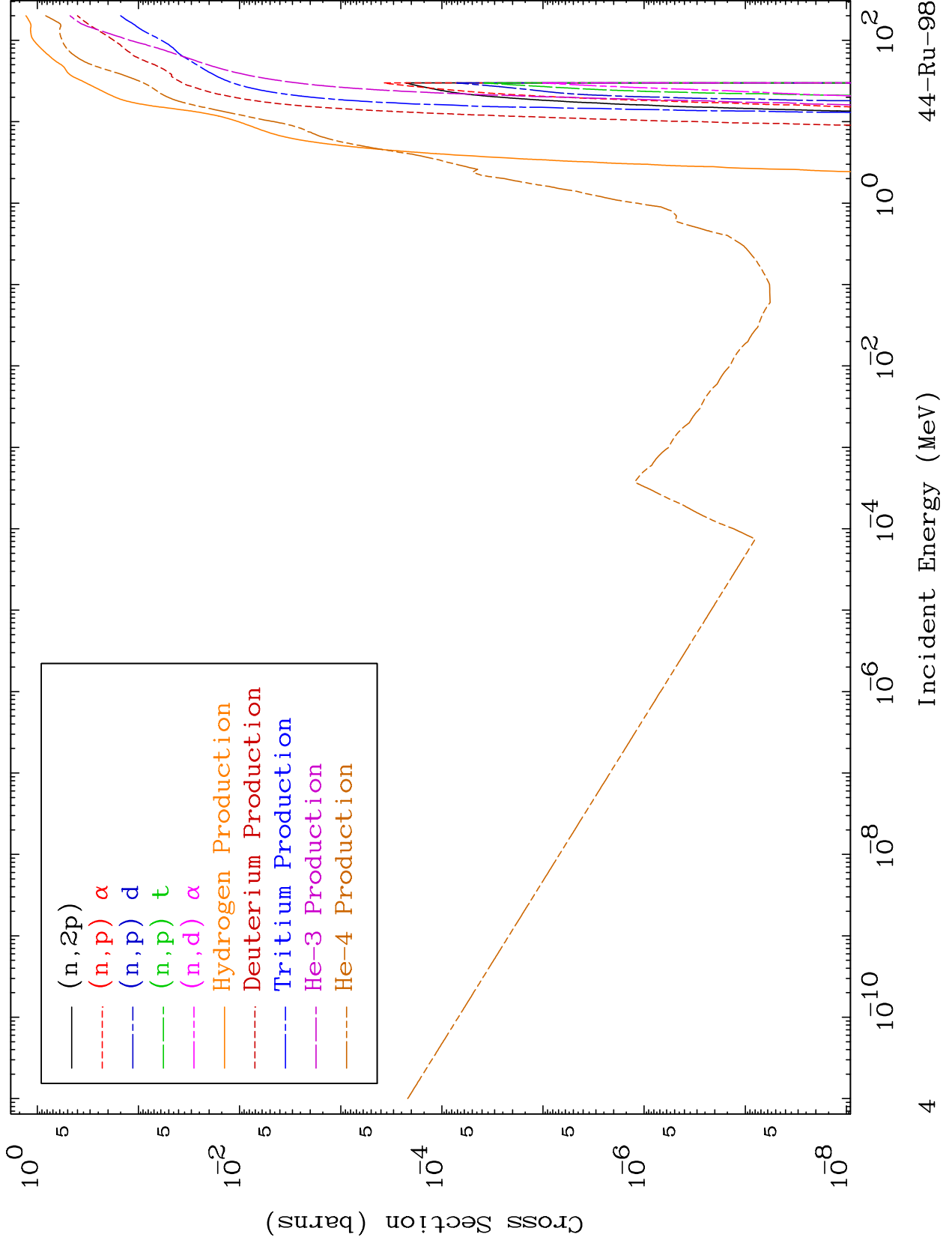




MAT 4431

Neutron Absorption
293 Kelvin Cross Sections

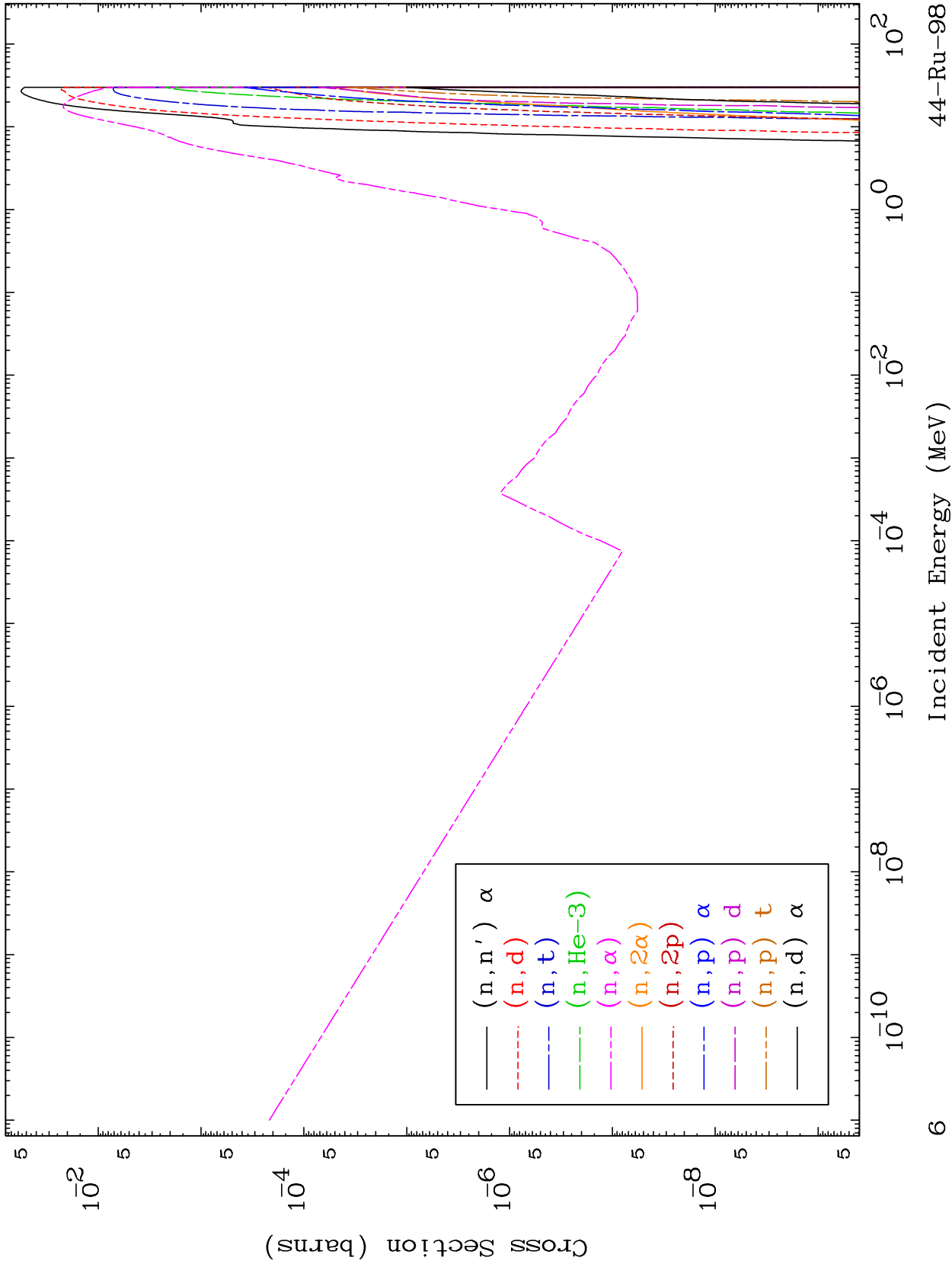
44-Ru-98



MAT 4431

Charged Particle
293 Kelvin Cross Sections

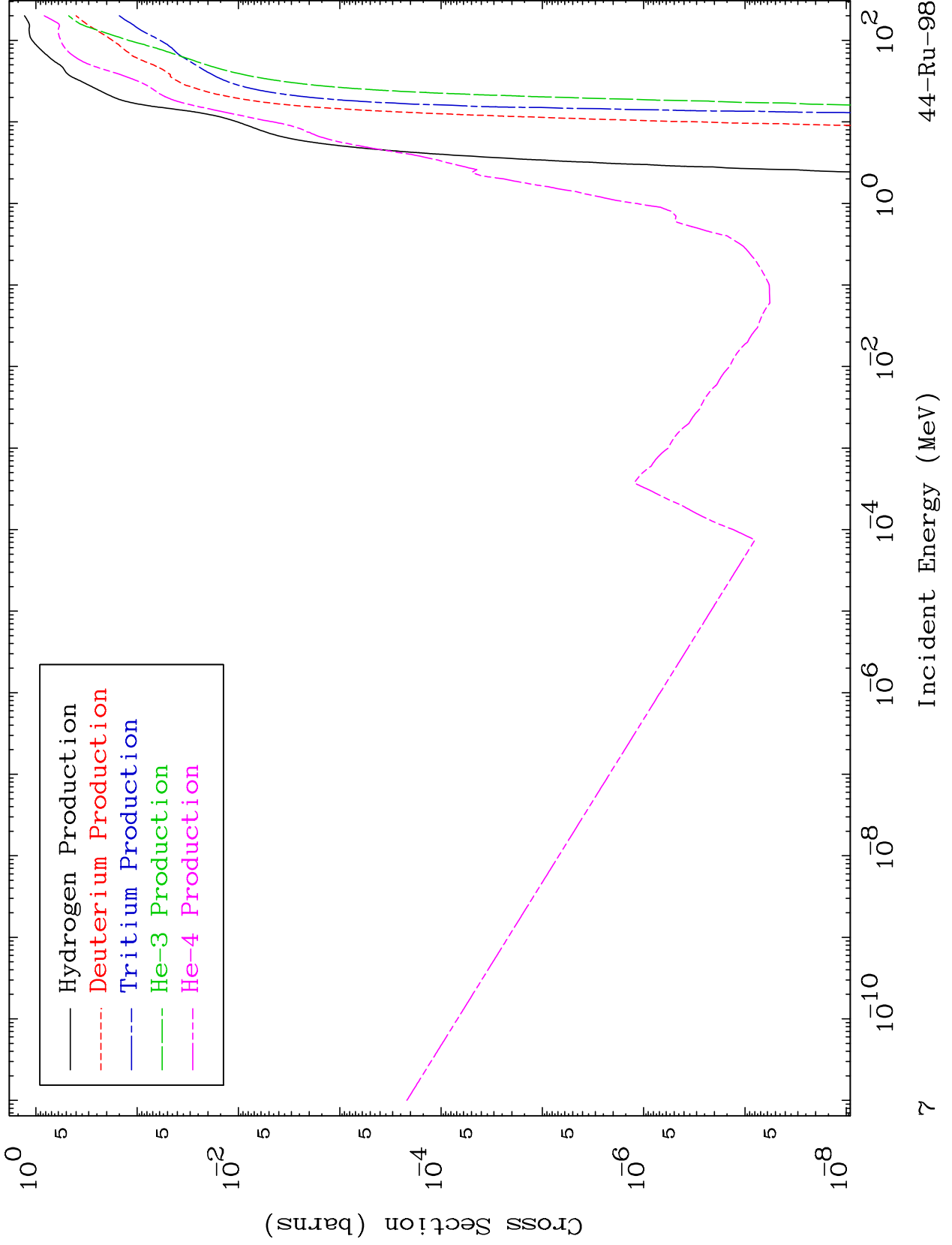
44-Ru-98



MAT 4431

Particle Production
293 Kelvin Cross Sections

44-Ru-98

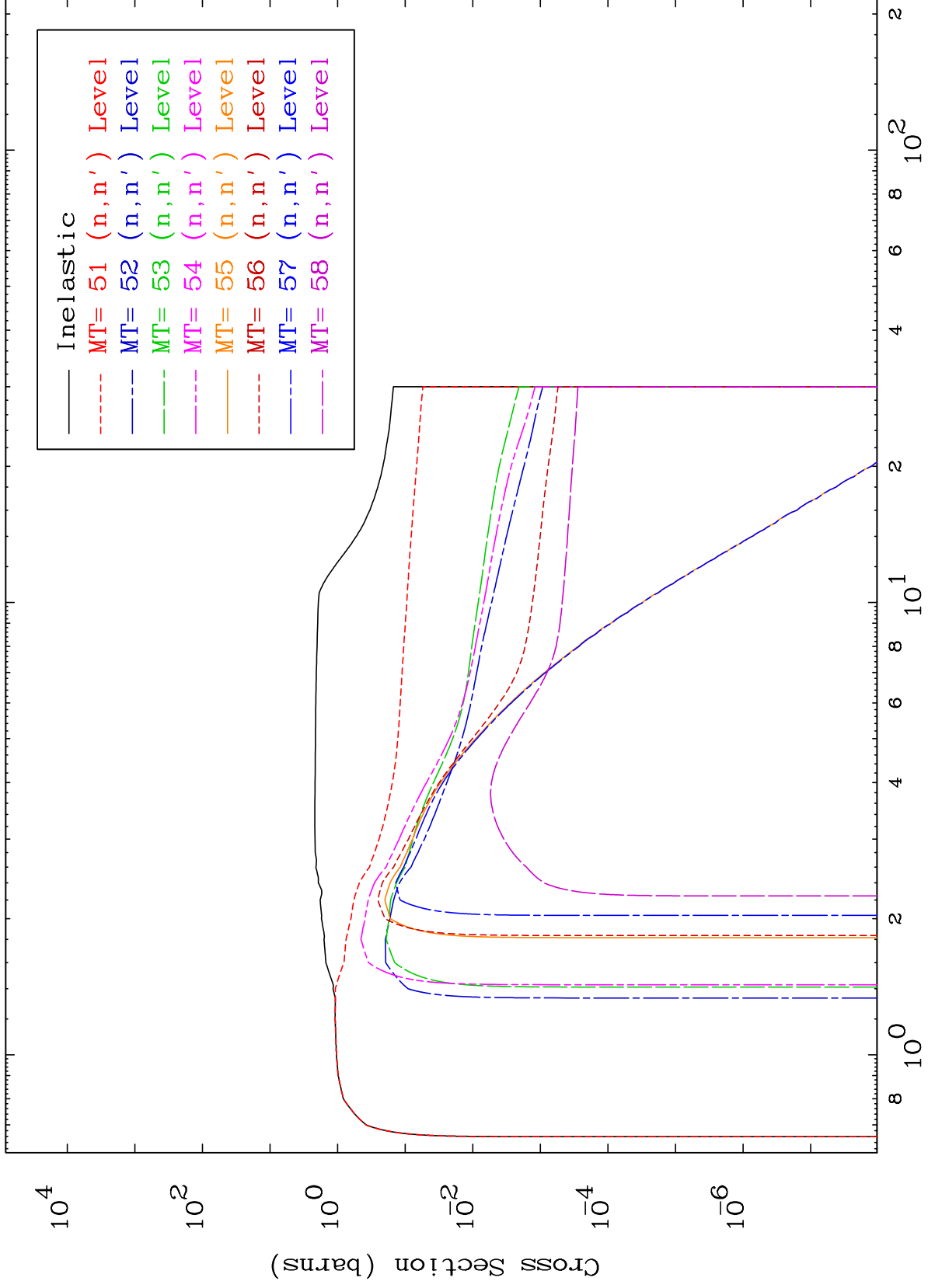


MAT 4431

(n,n') Levels

44-Ru-98

293 Kelvin Cross Sections

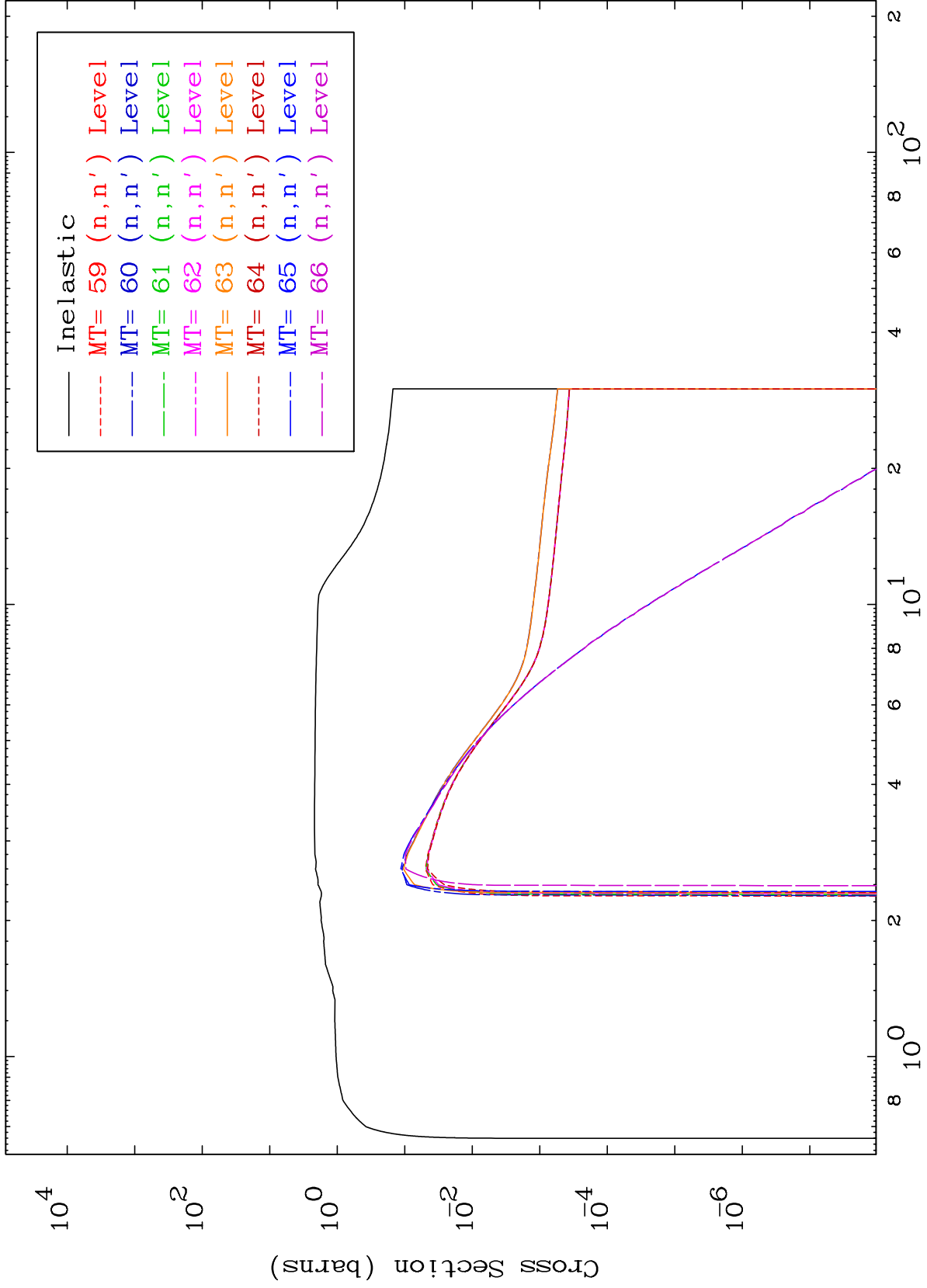


8

Incident Energy (MeV)

44-Ru-98

293 Kelvin Cross Sections

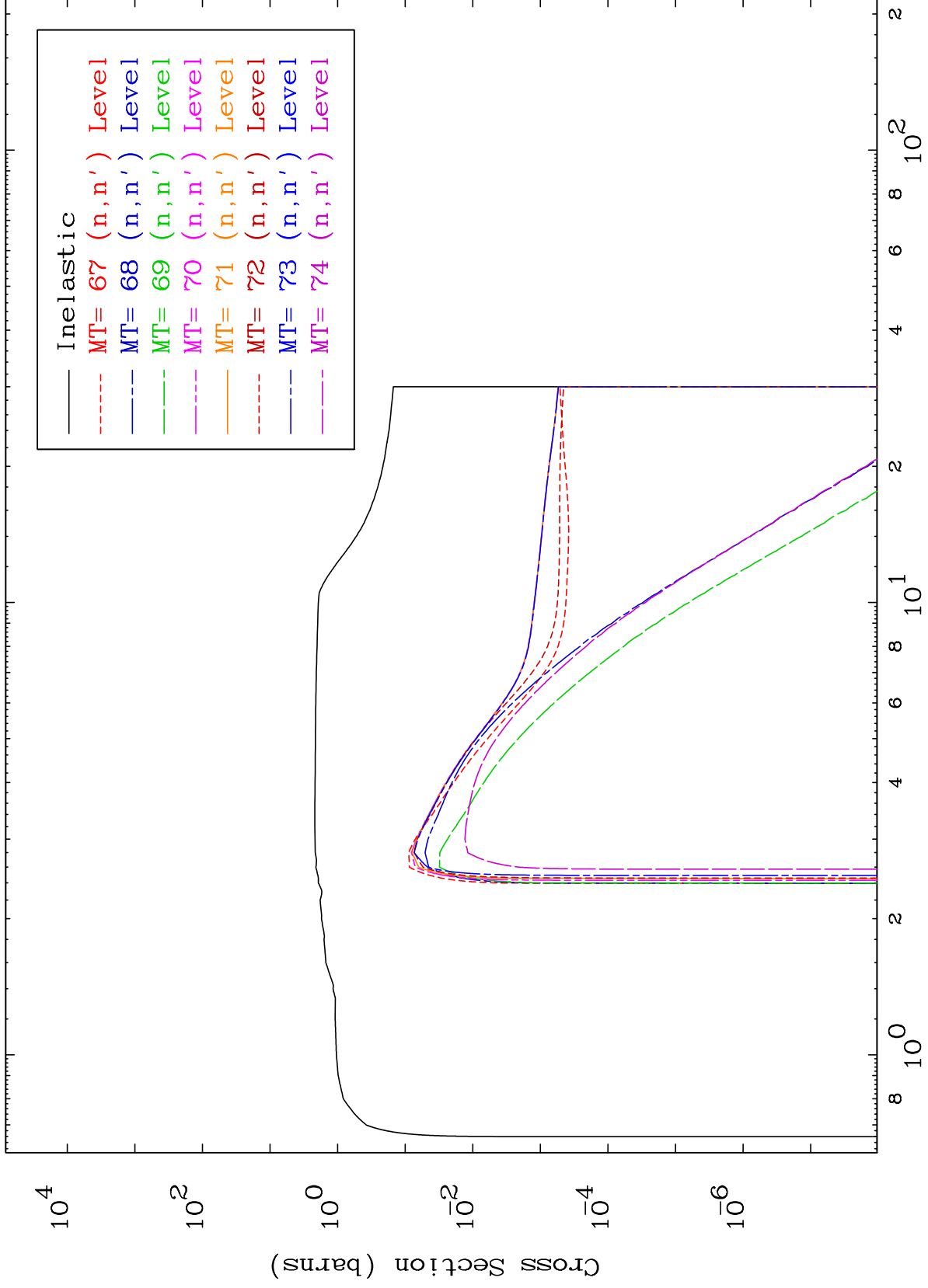


MAT 4431

(n,n') Levels

44-Ru-98

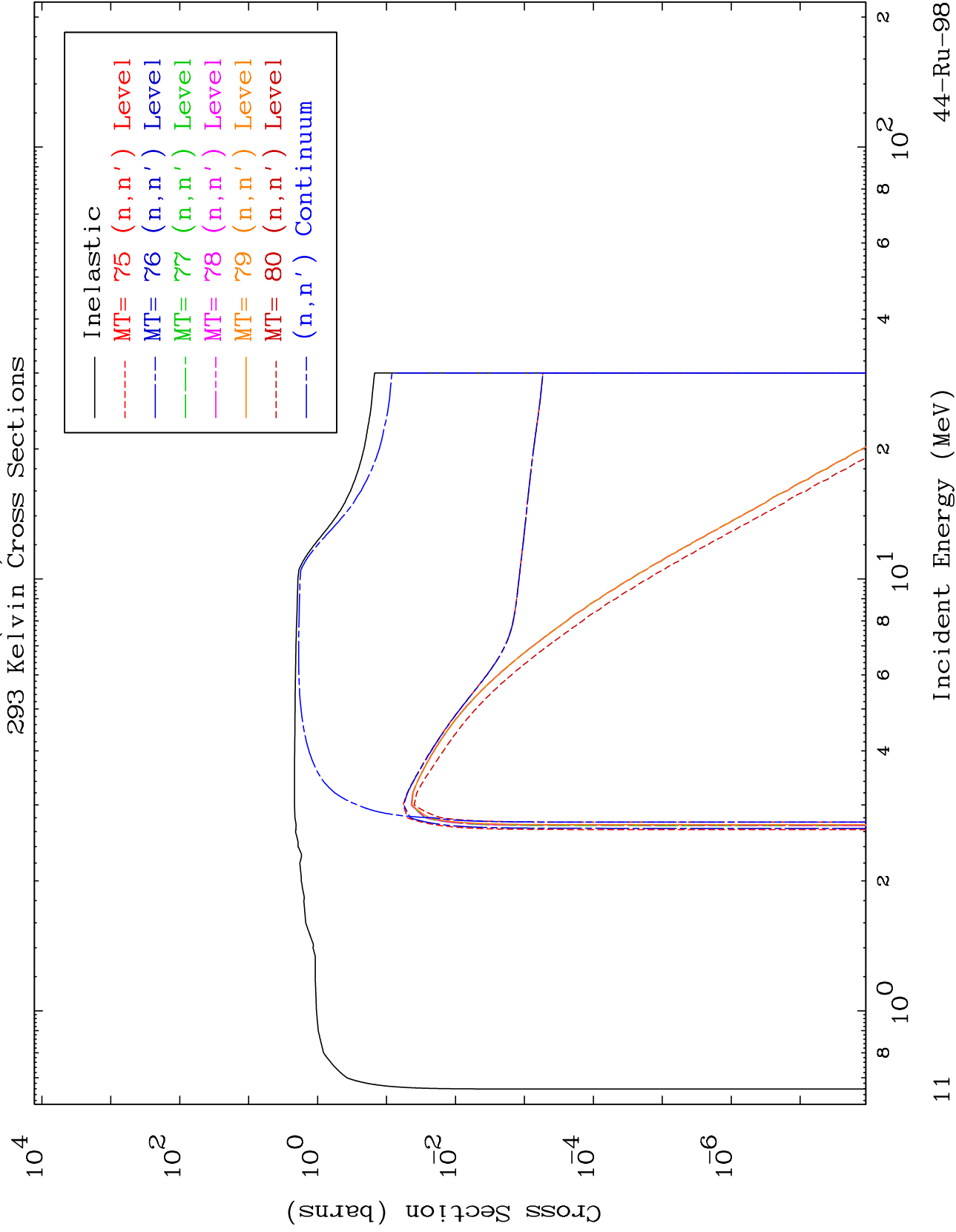
293 Kelvin Cross Sections



10

Incident Energy (MeV)

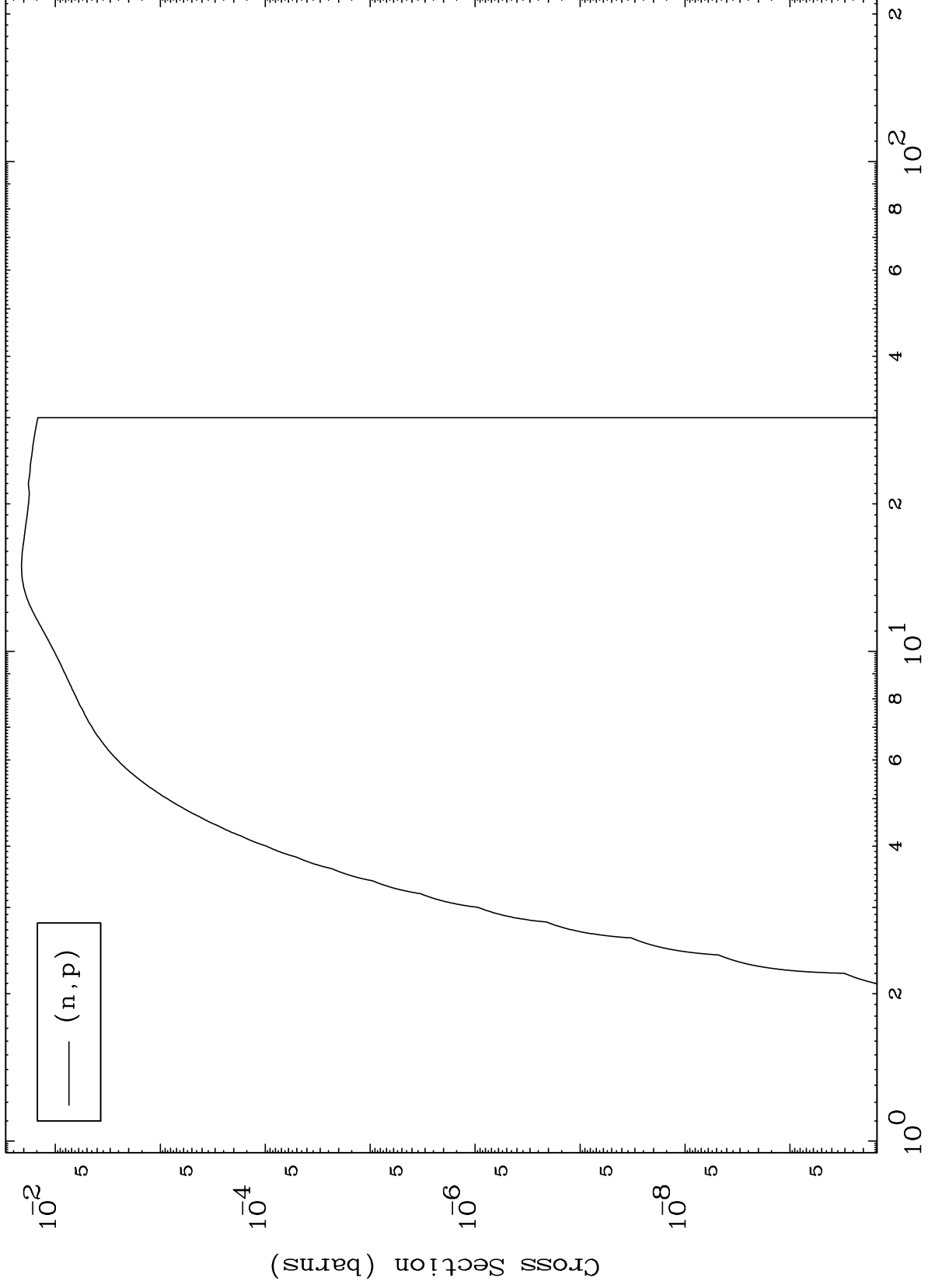
44-Ru-98



MAT 4431

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-98



12

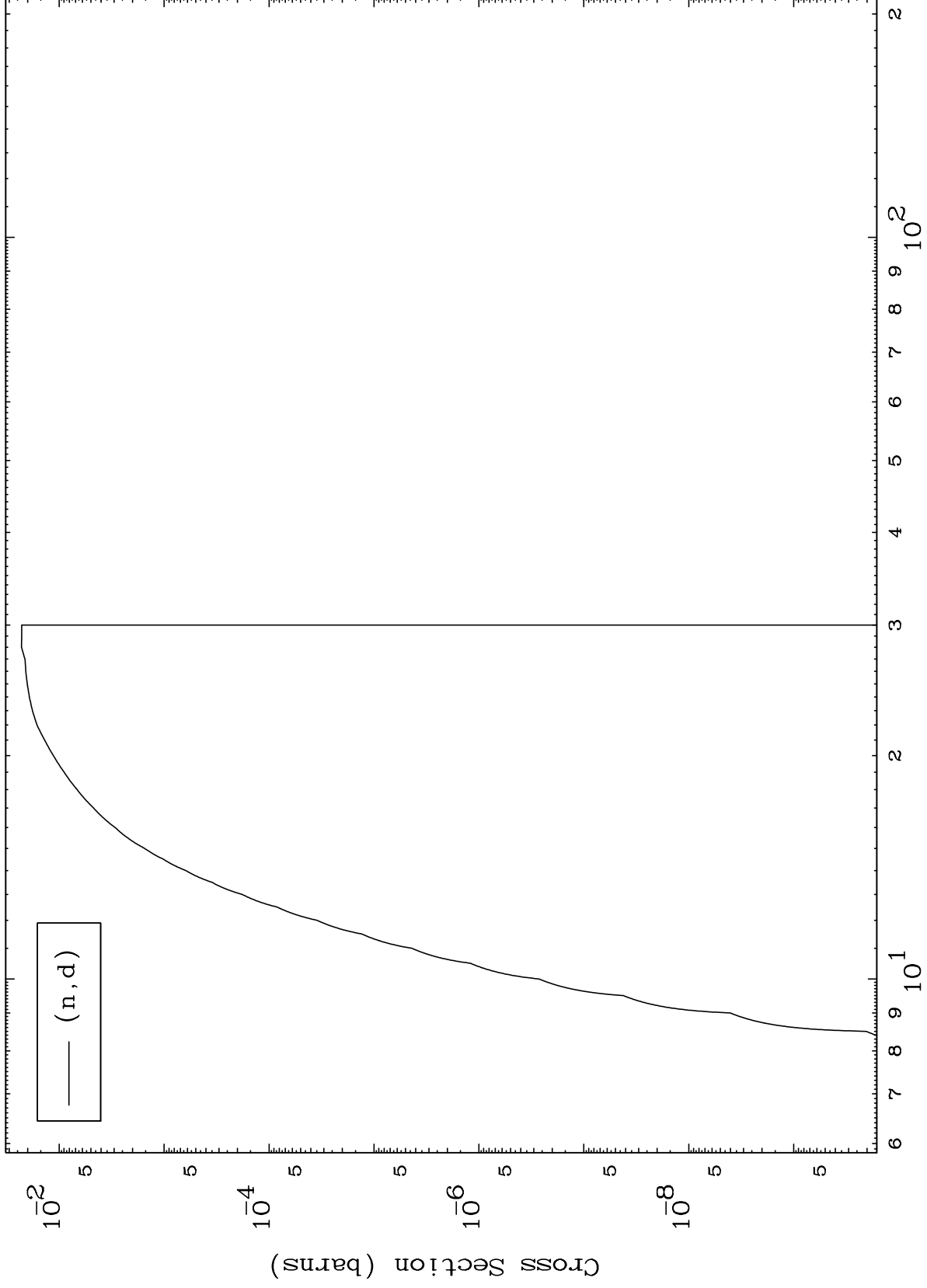
44-Ru-98

44-Ru-98

MAT 4431

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-98



13

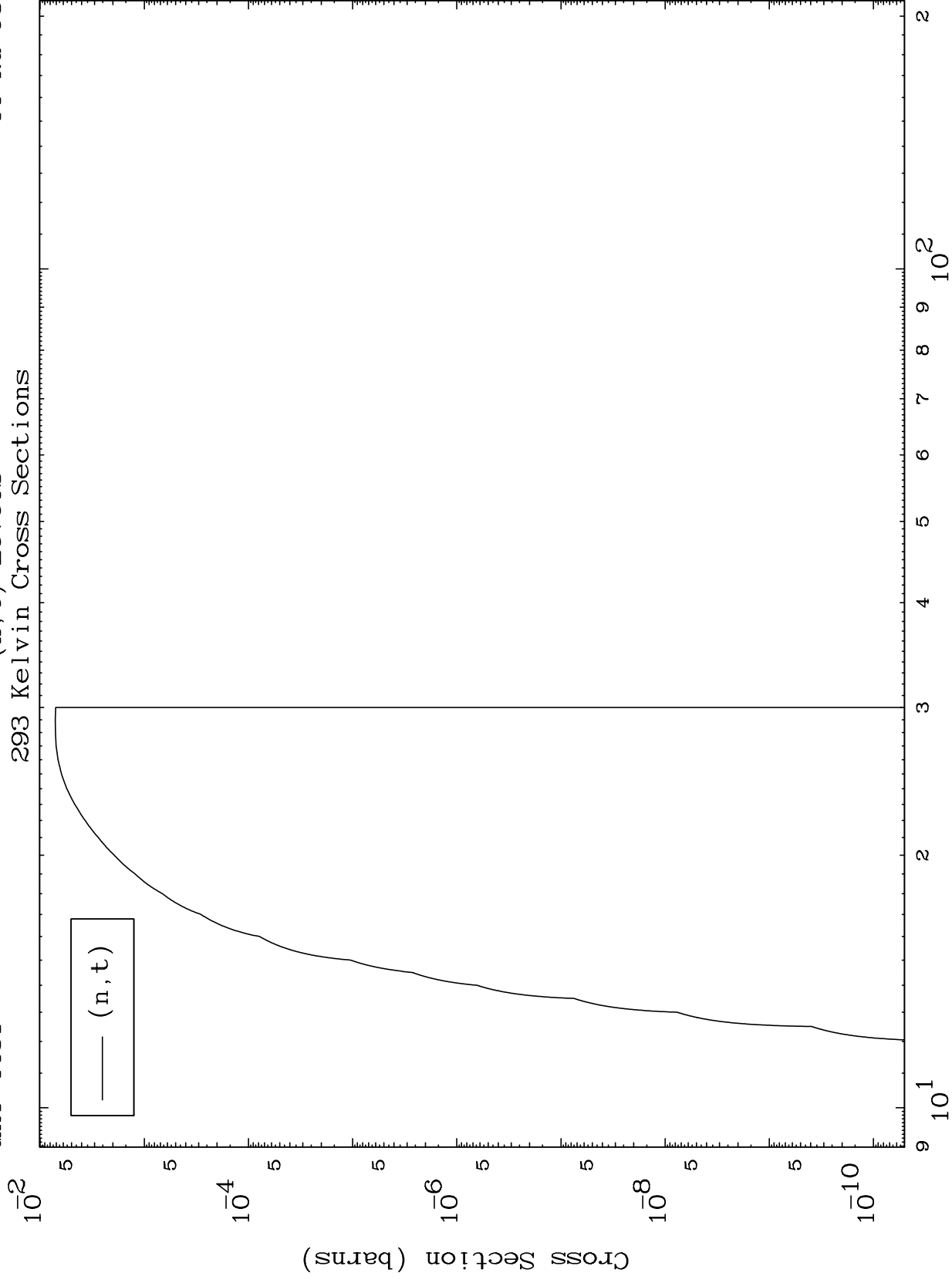
Incident Energy (MeV)

44-Ru-98

MAT 4431

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-98



14

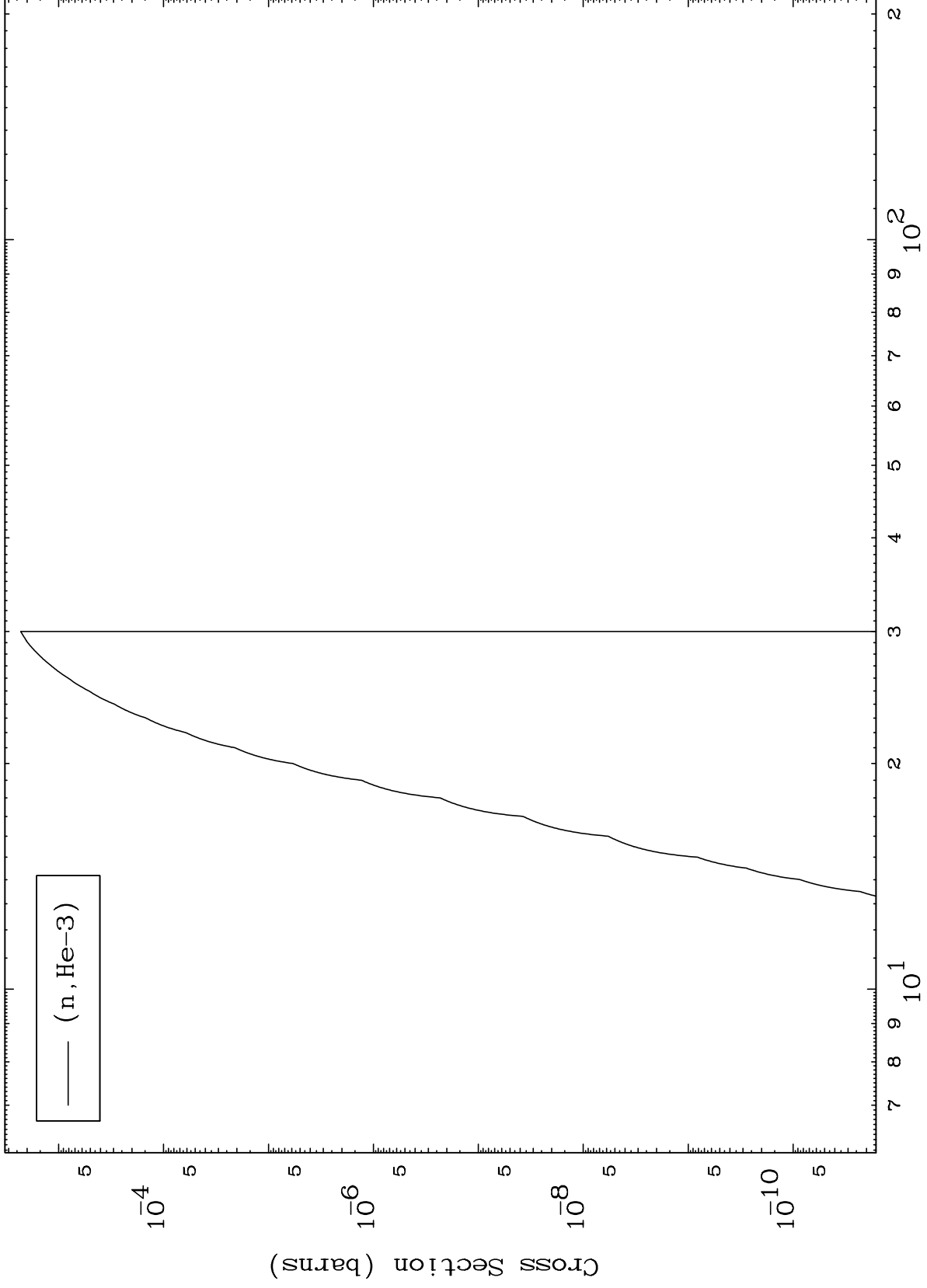
Incident Energy (MeV)

44-Ru-98

MAT 4431

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-98



15

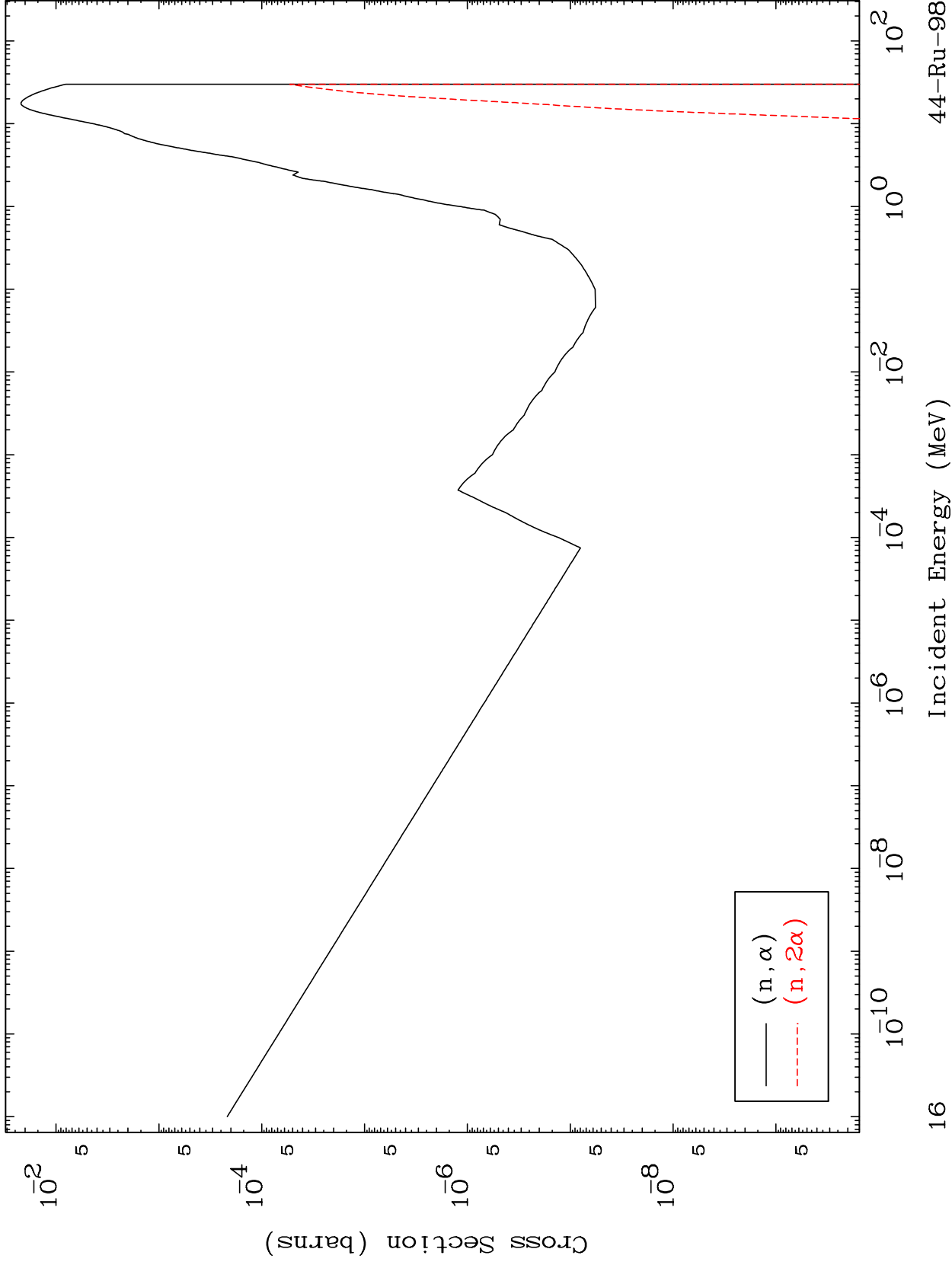
Incident Energy (MeV)

44-Ru-98

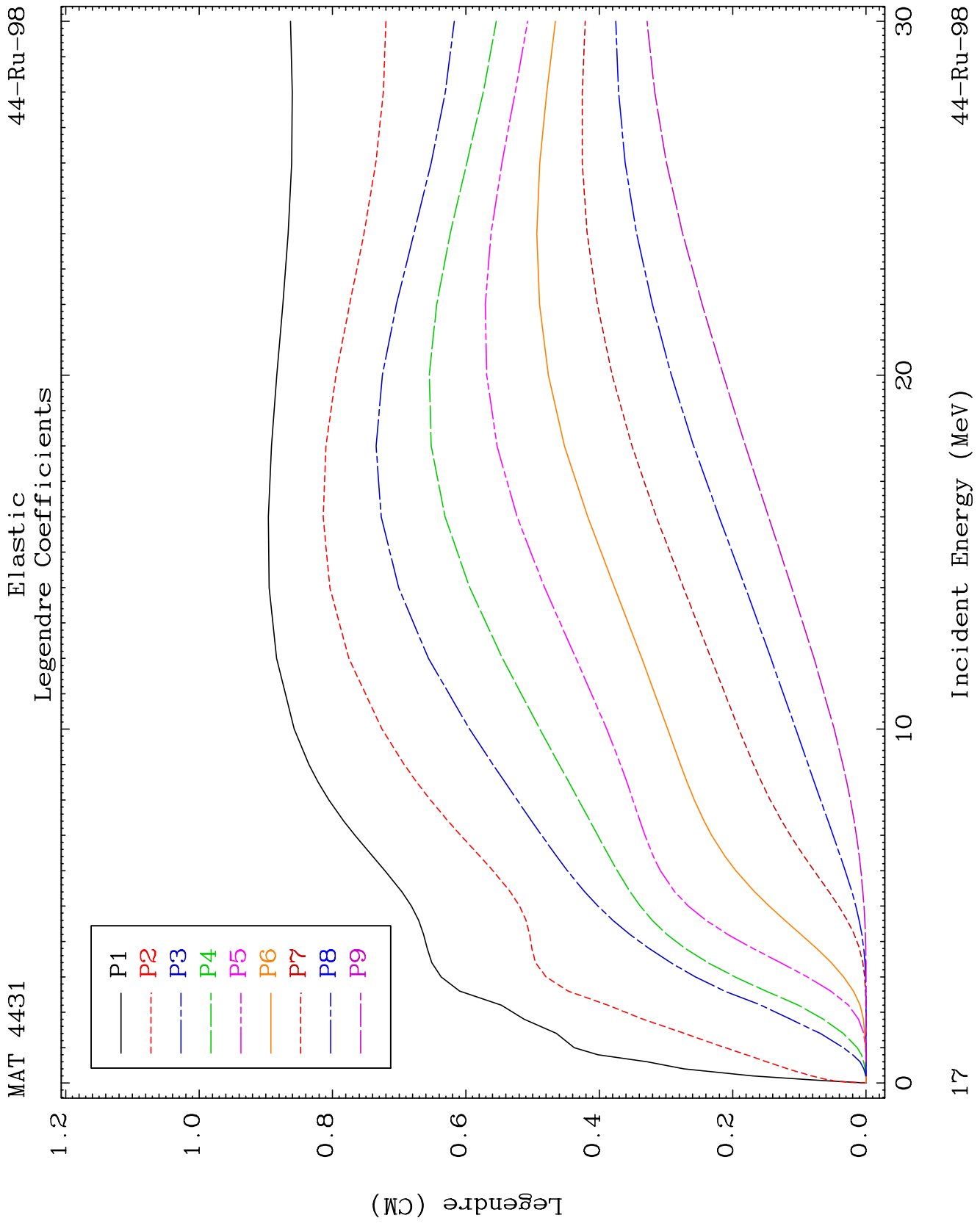
MAT 4431

(n, α) Levels
293 Kelvin Cross Sections

44-Ru-98



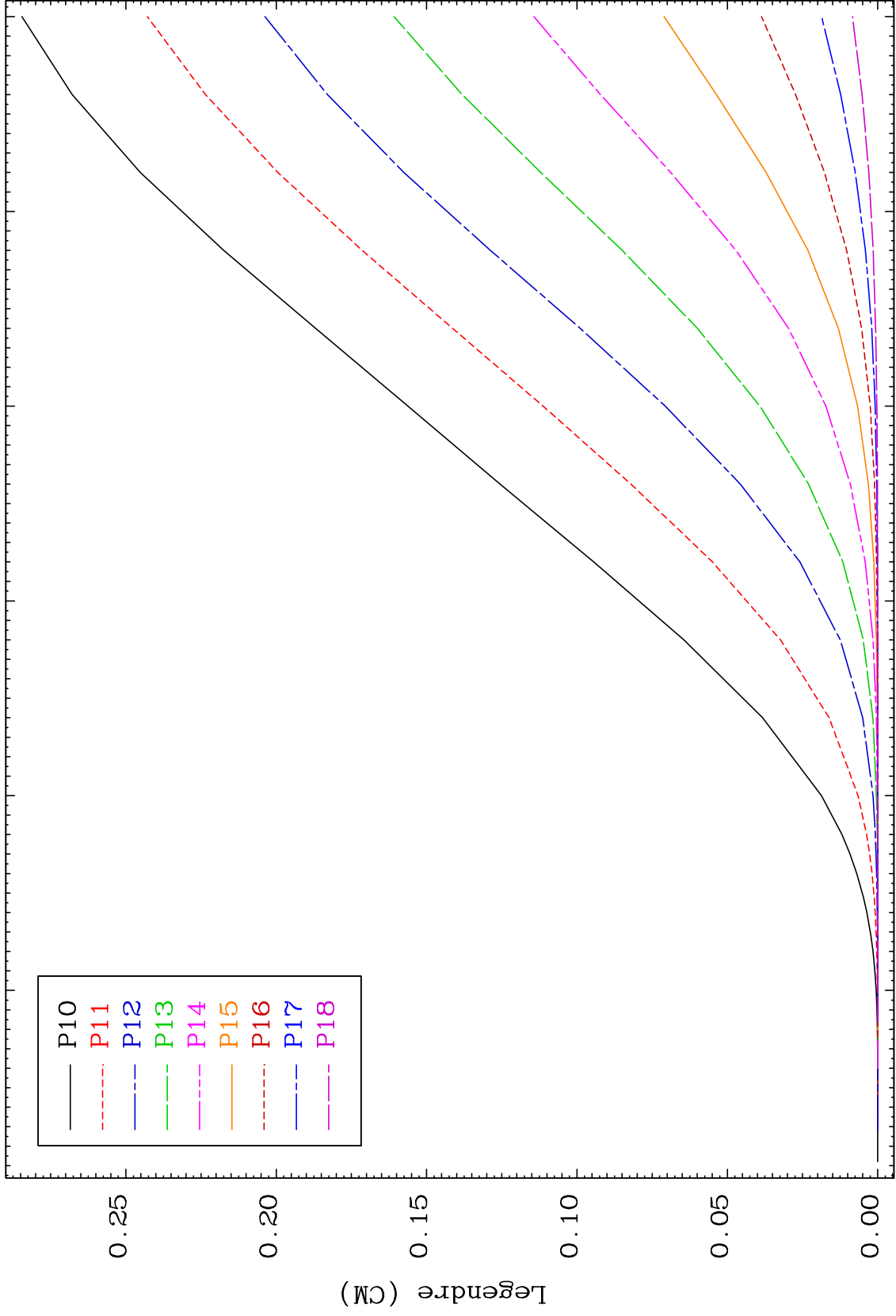
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MAT 4431

Elastic Legendre Coefficients

44-Ru-98



18

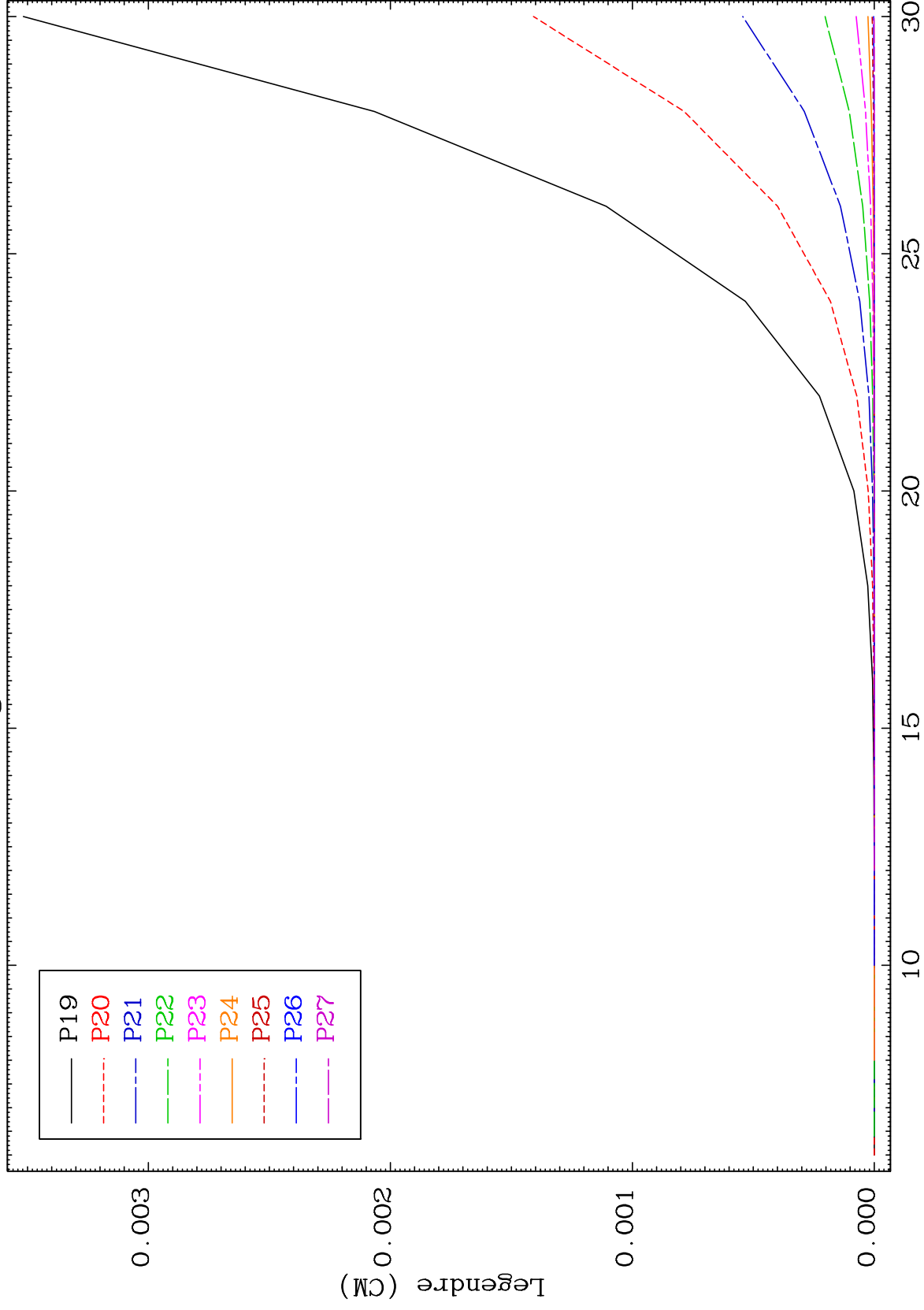
Incident Energy (MeV)

44-Ru-98

MAT 4431

Elastic Legendre Coefficients

44-Ru-98



19

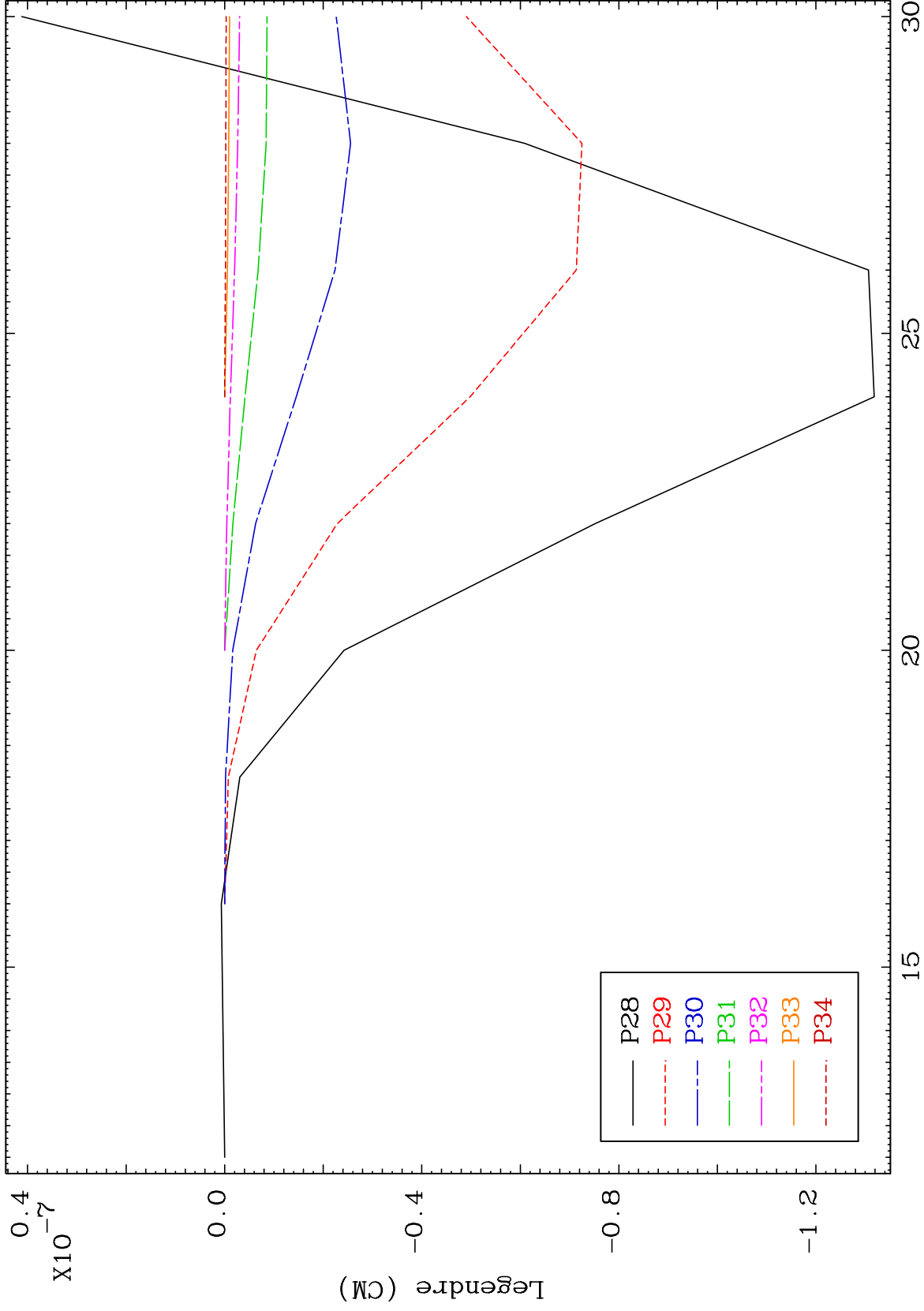
Incident Energy (MeV)

44-Ru-98

MAT 4431

Elastic Legendre Coefficients

44-Ru-98



20

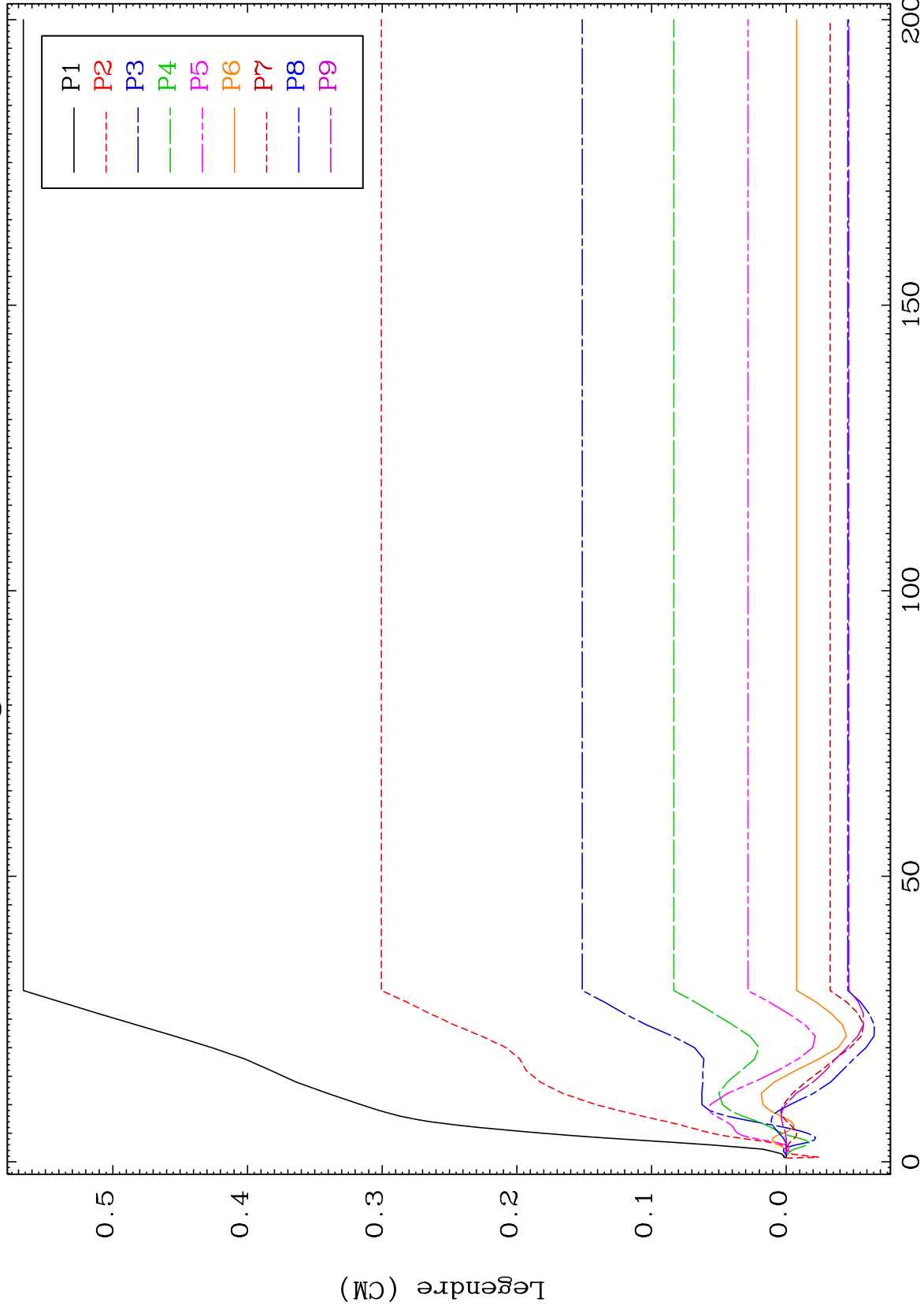
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



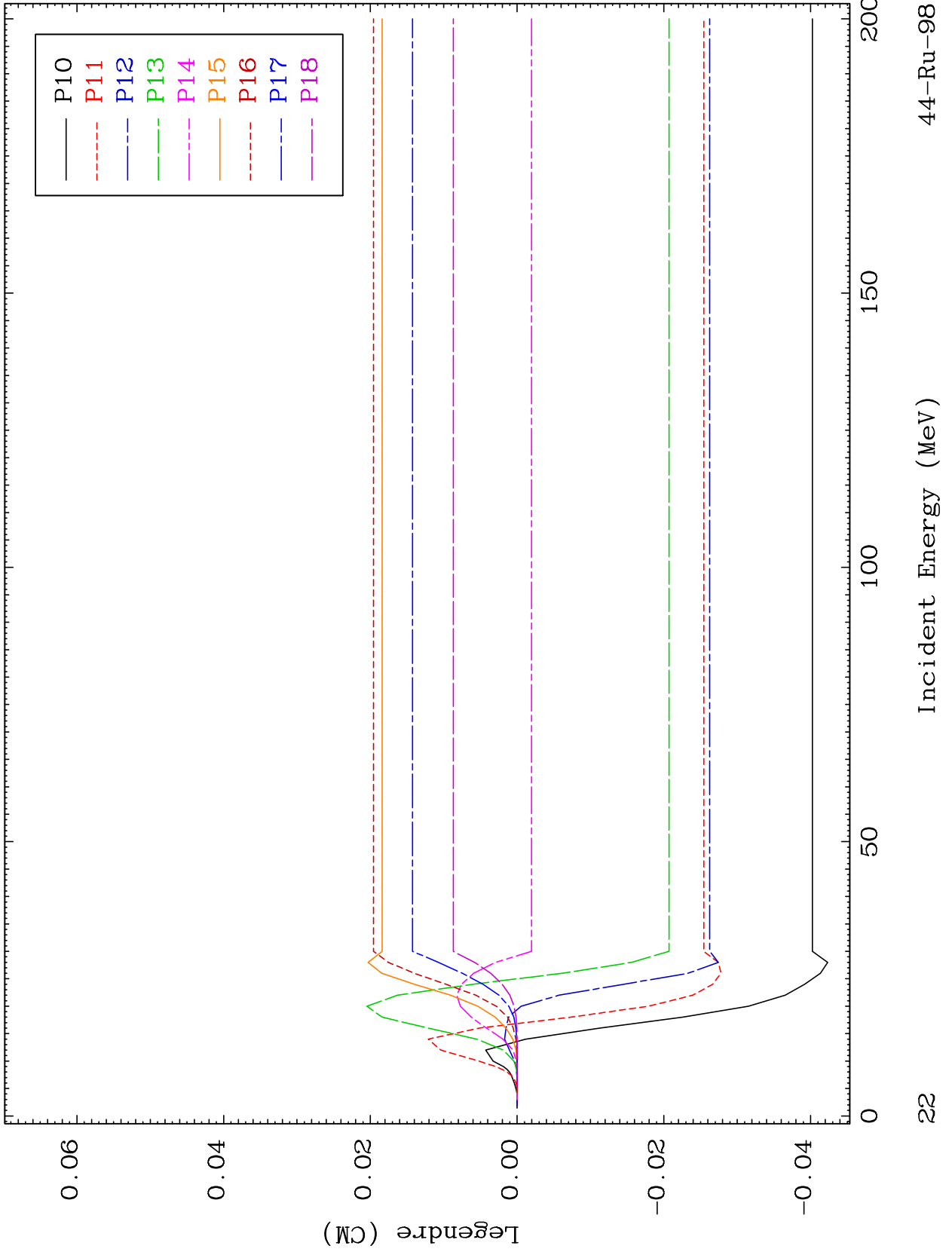
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44-Ru-98

MAT 4431

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

44-Ru-98



22

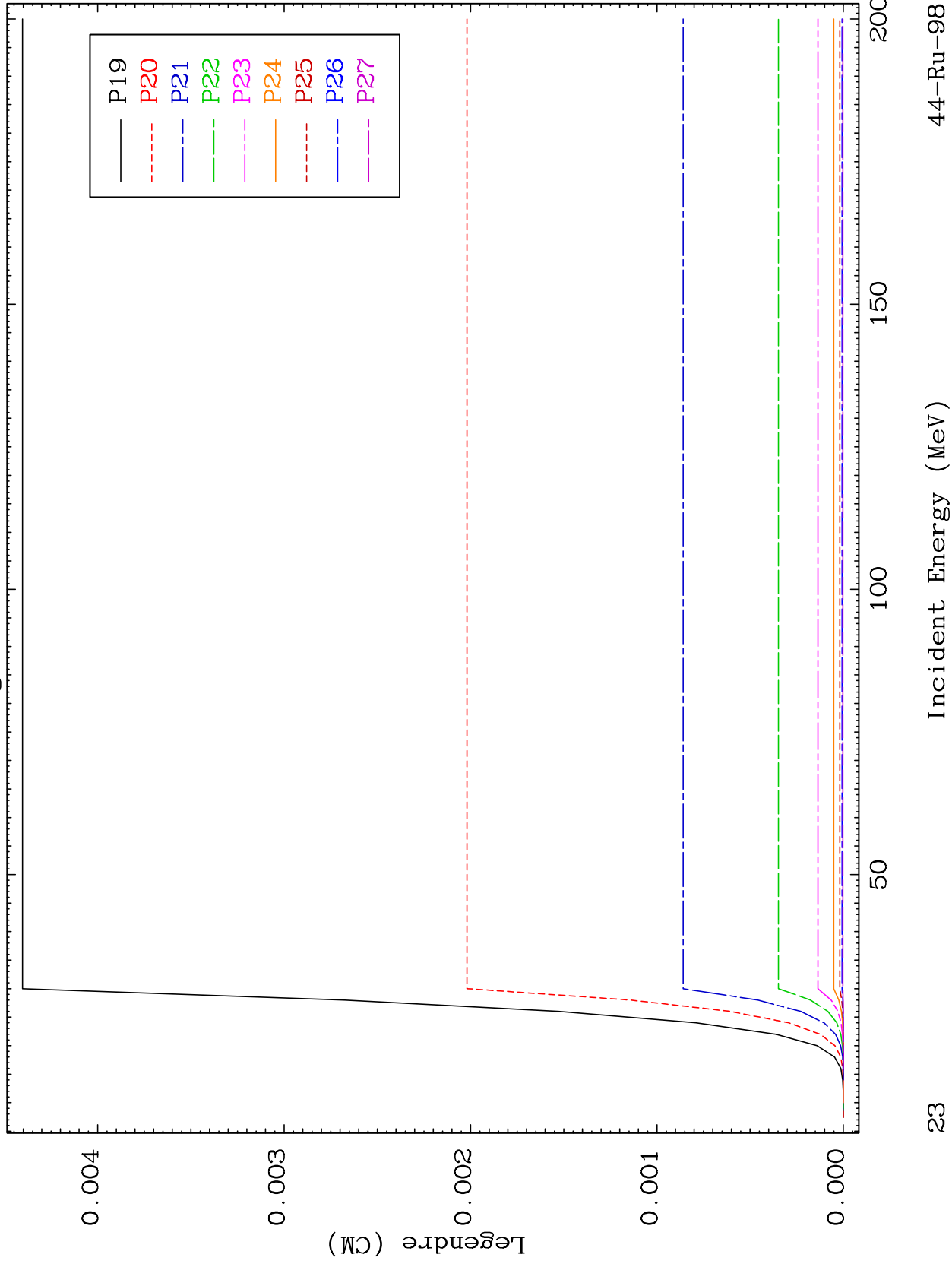
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



23

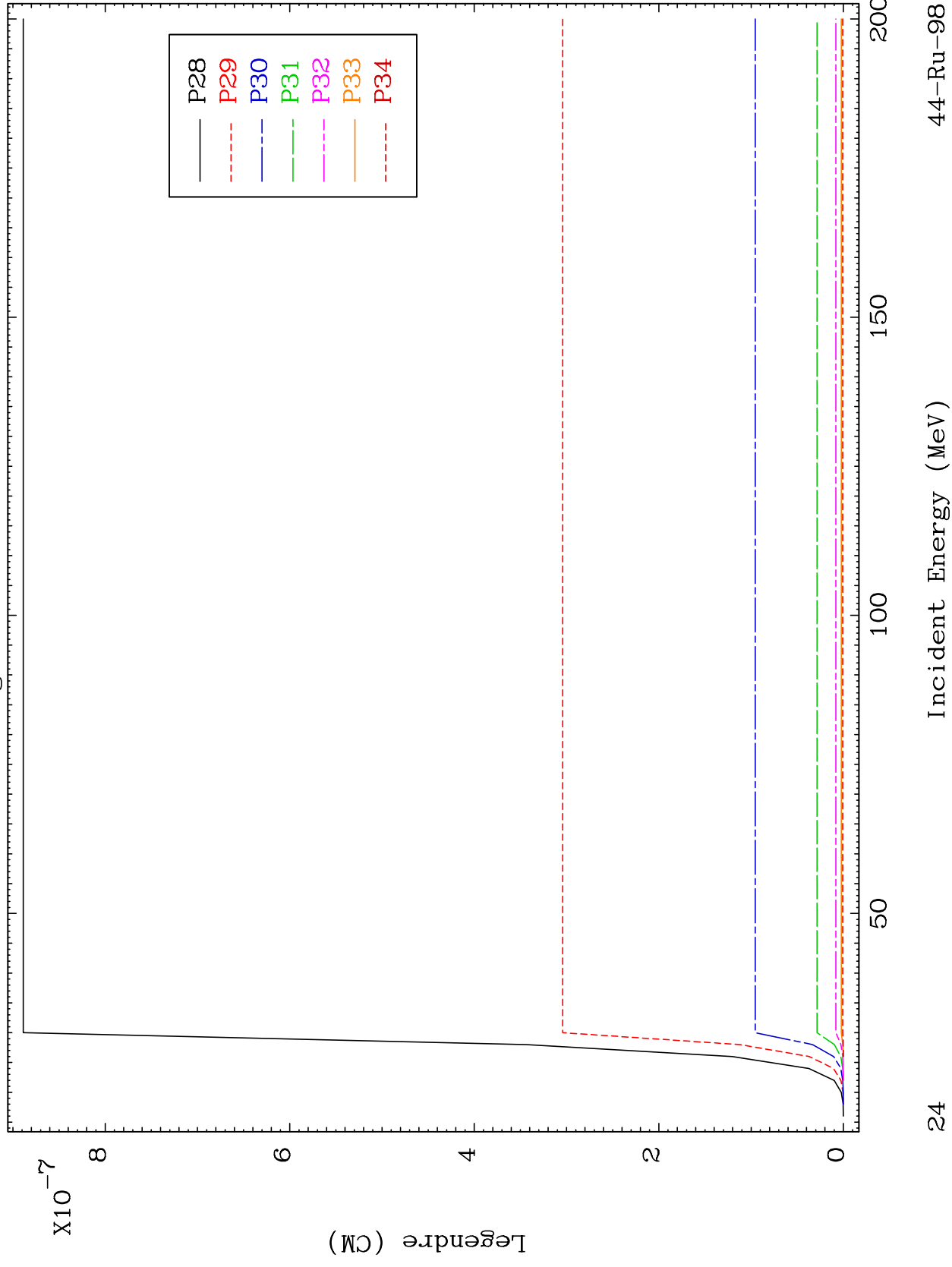
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

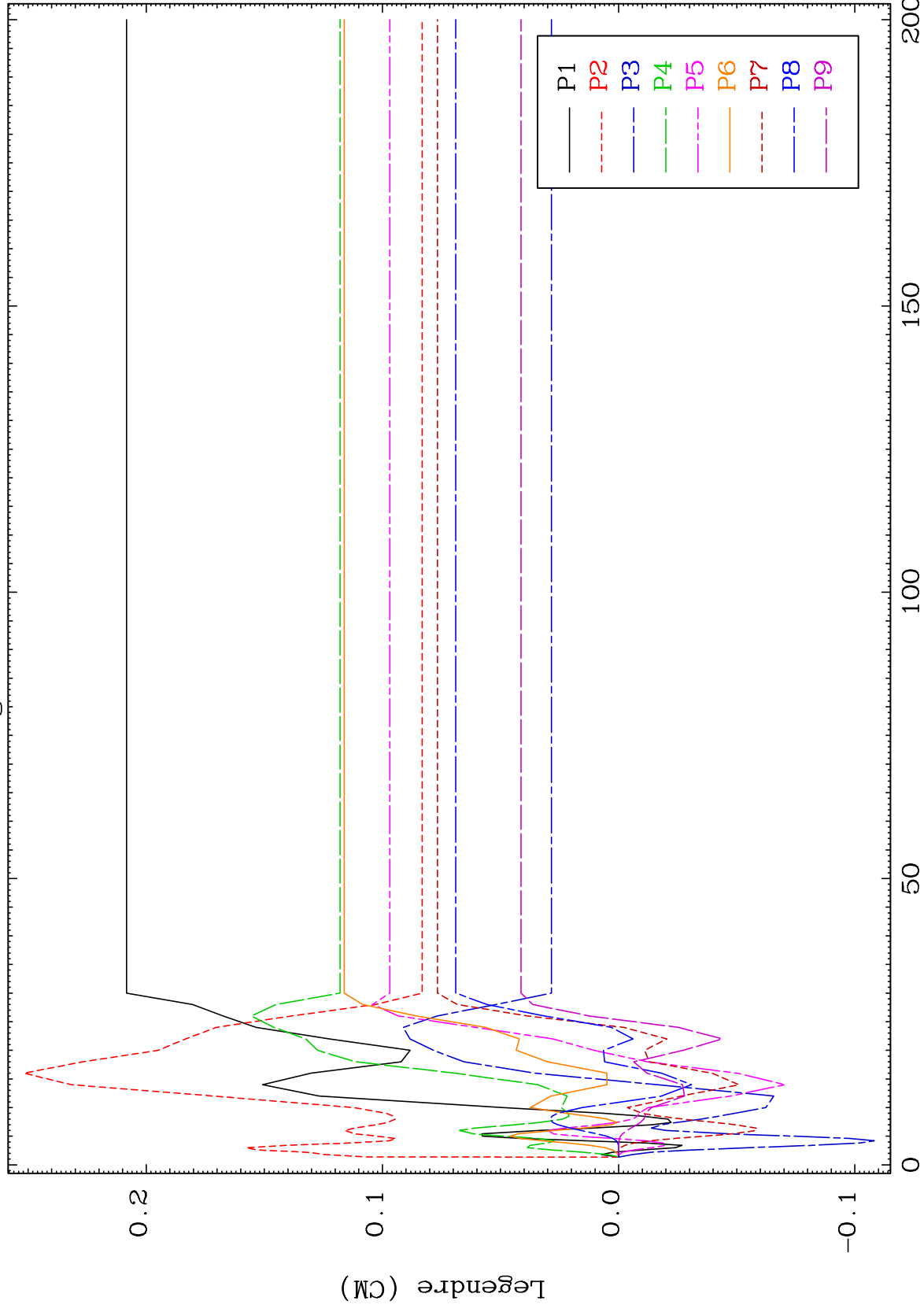
44-Ru-98



MAT 4431

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

44-Ru-98



25

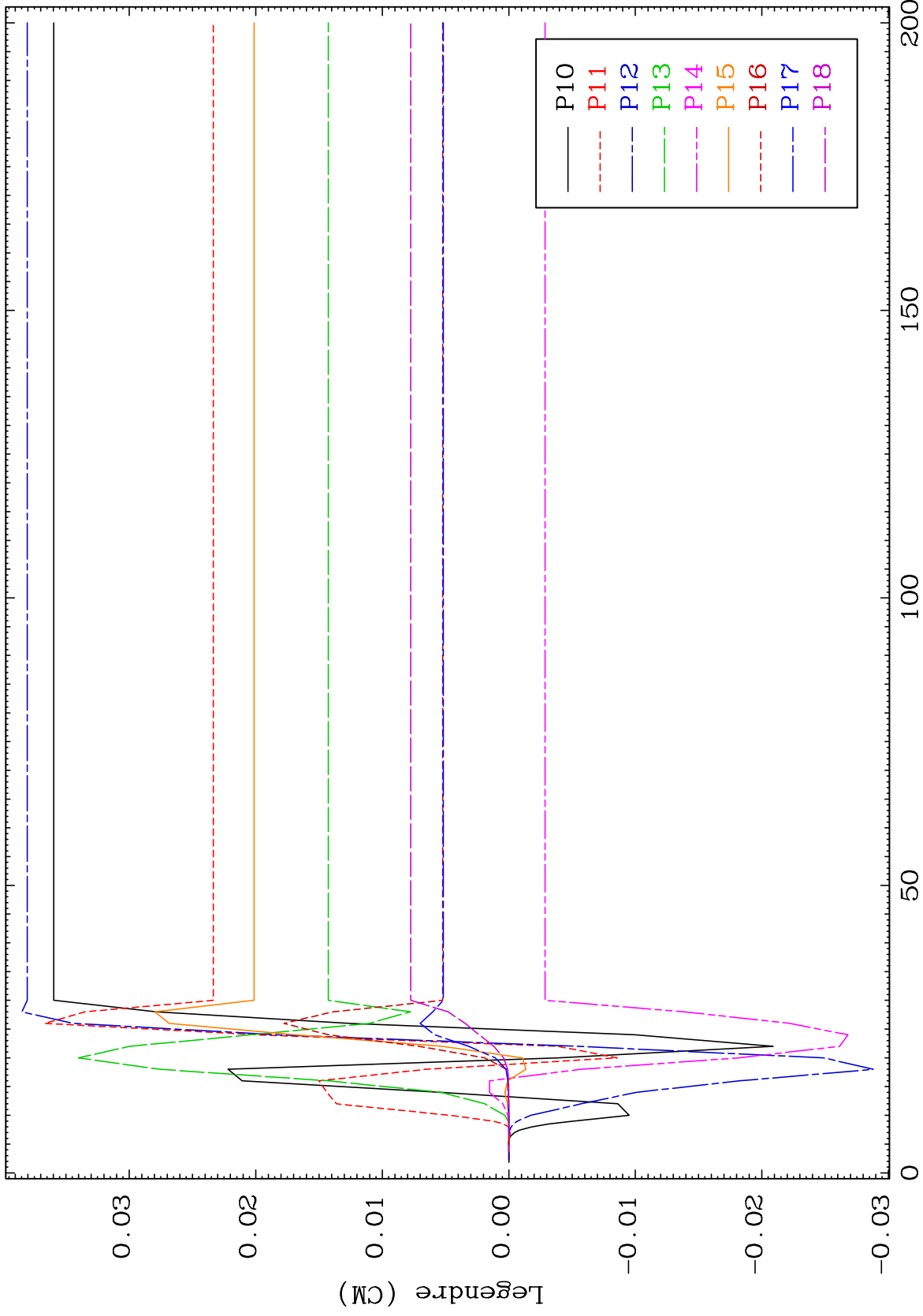
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



26

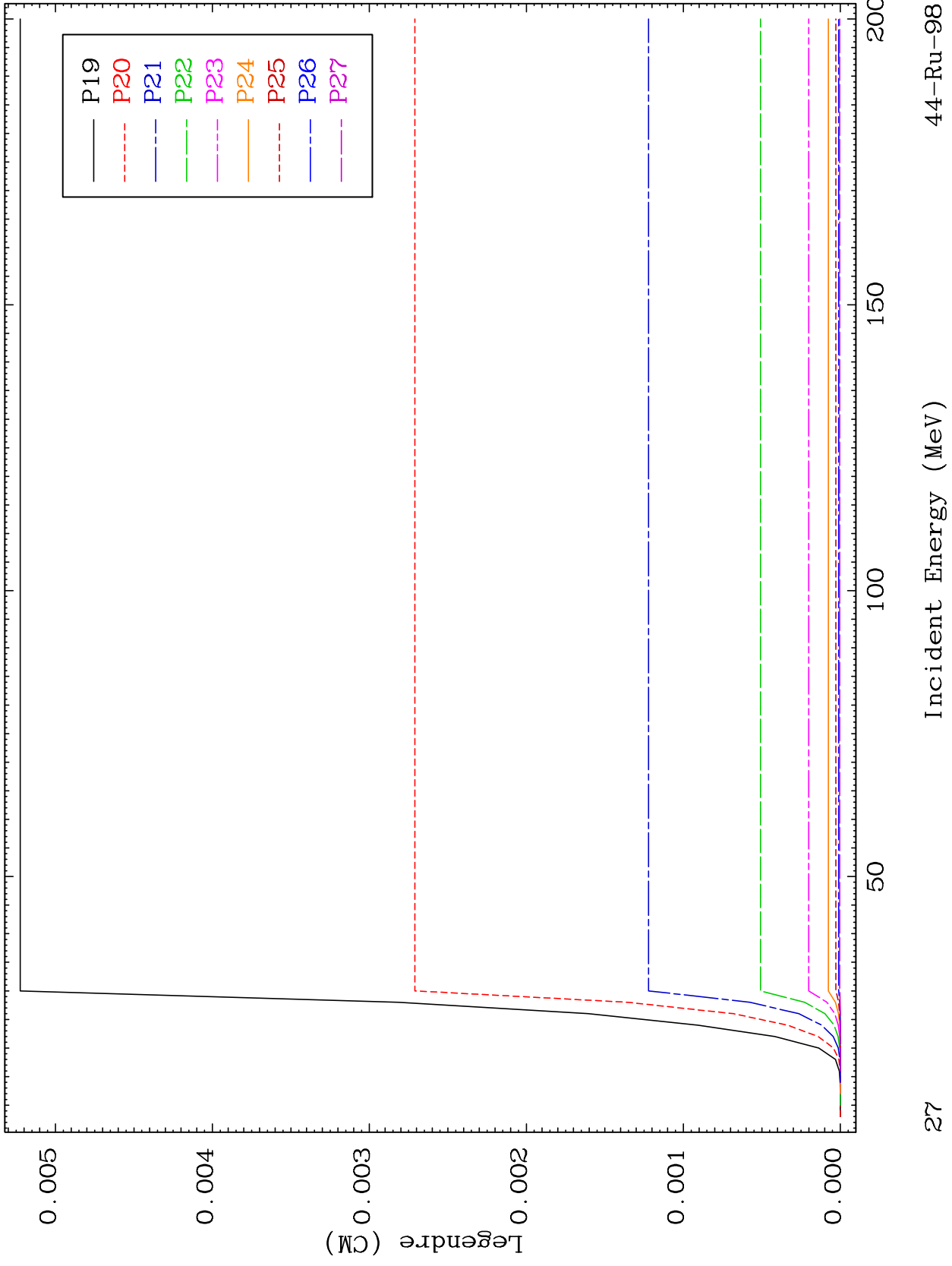
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

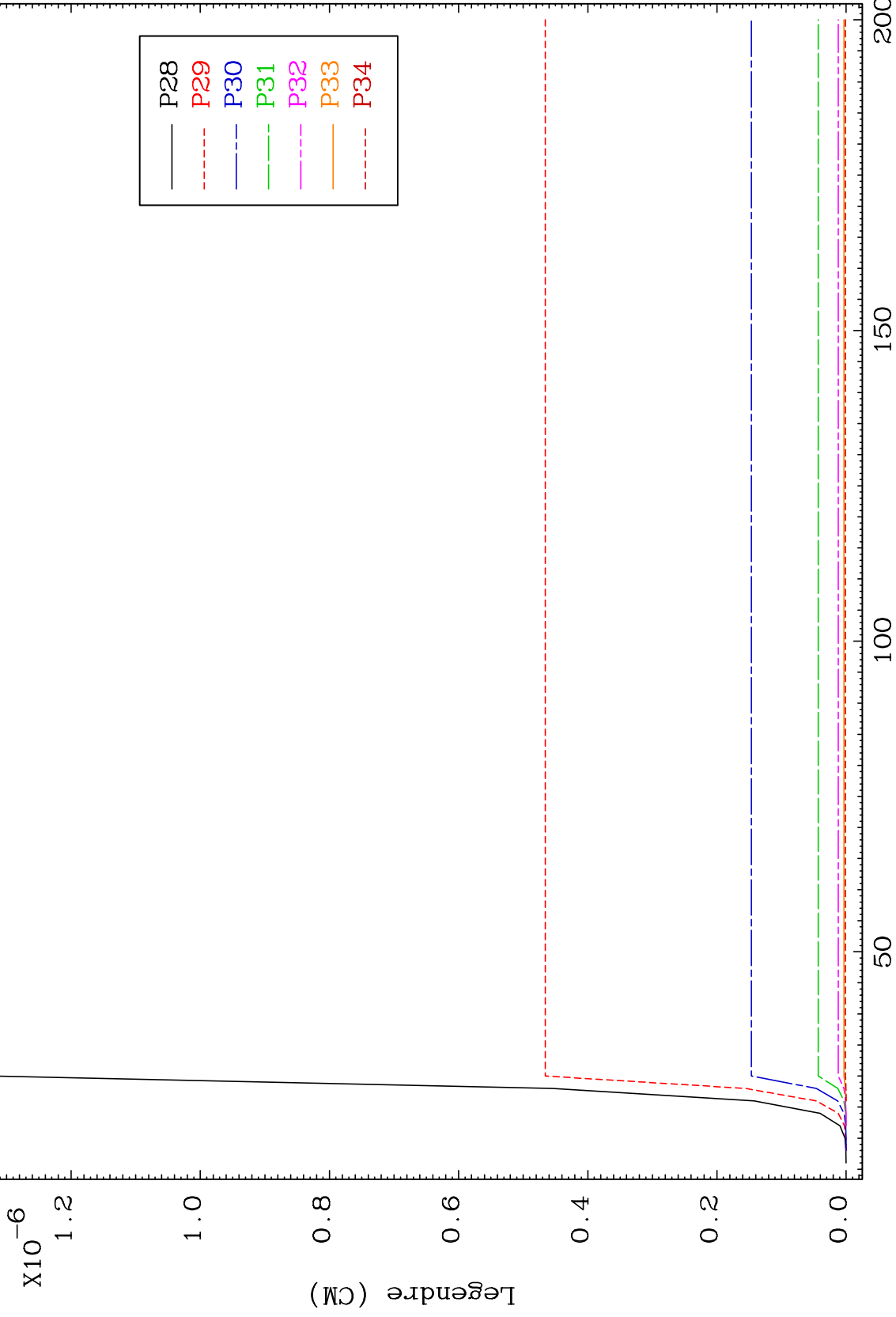
44-Ru-98



MAT 4431

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

44-Ru-98



28

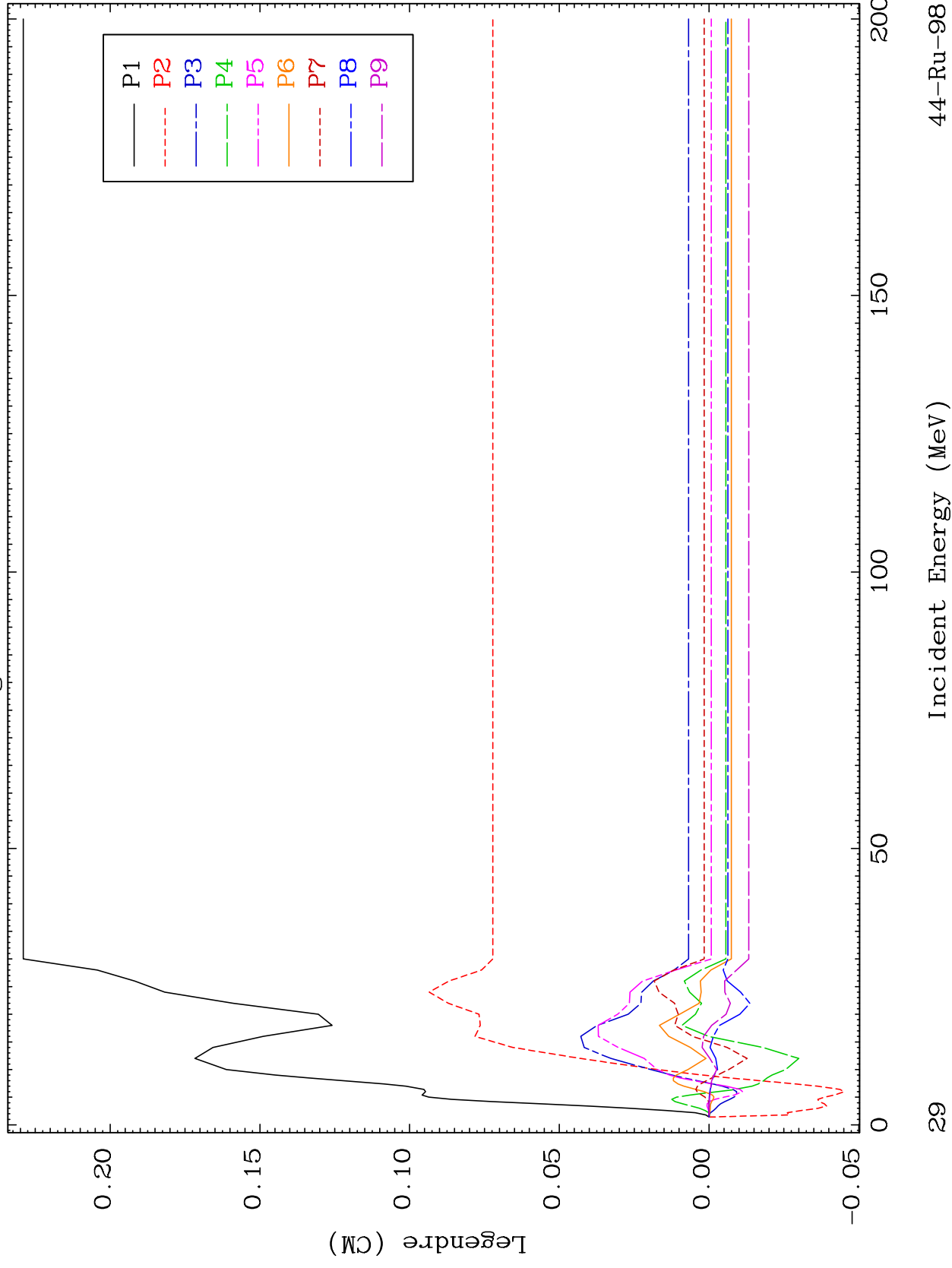
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



29

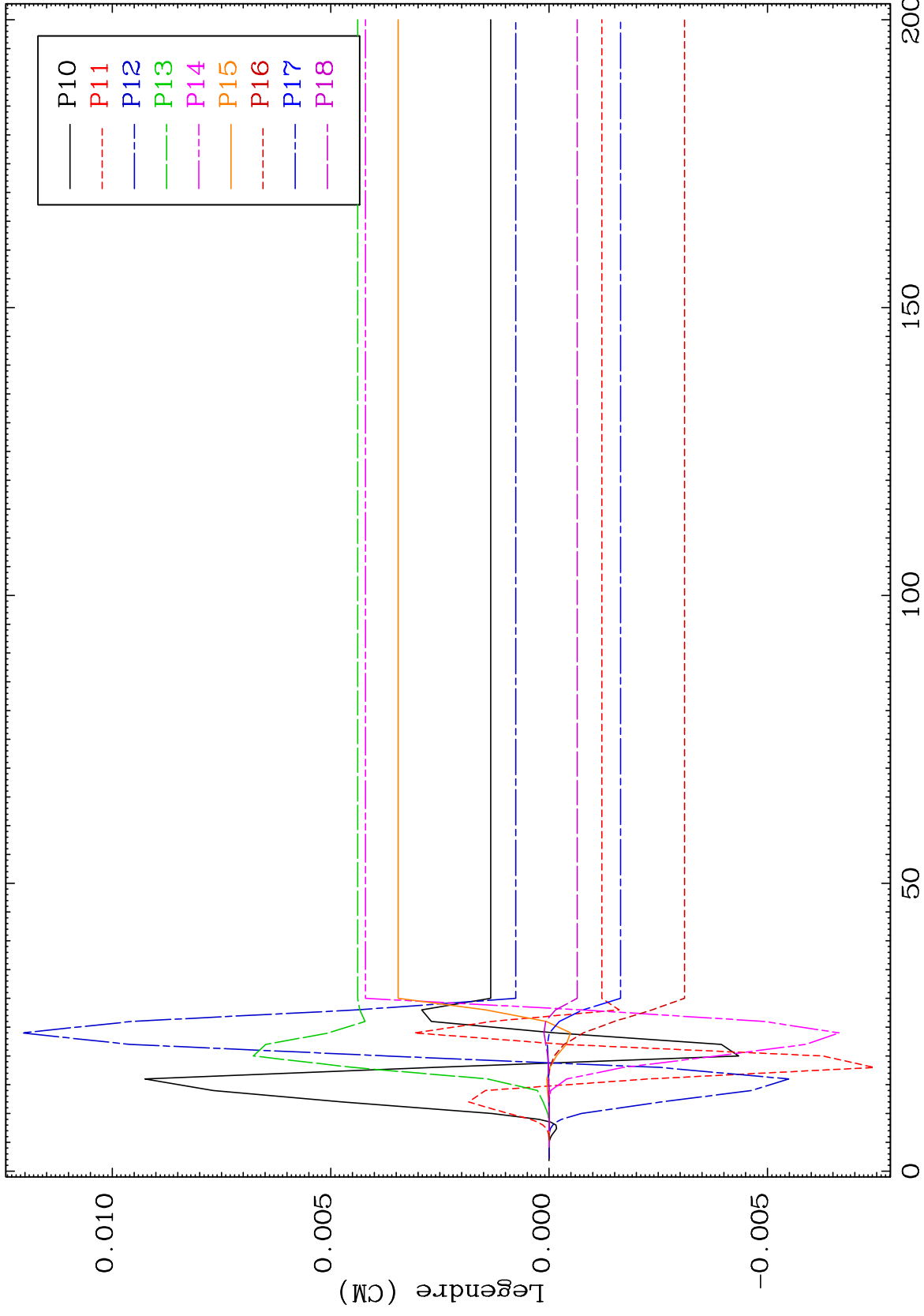
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

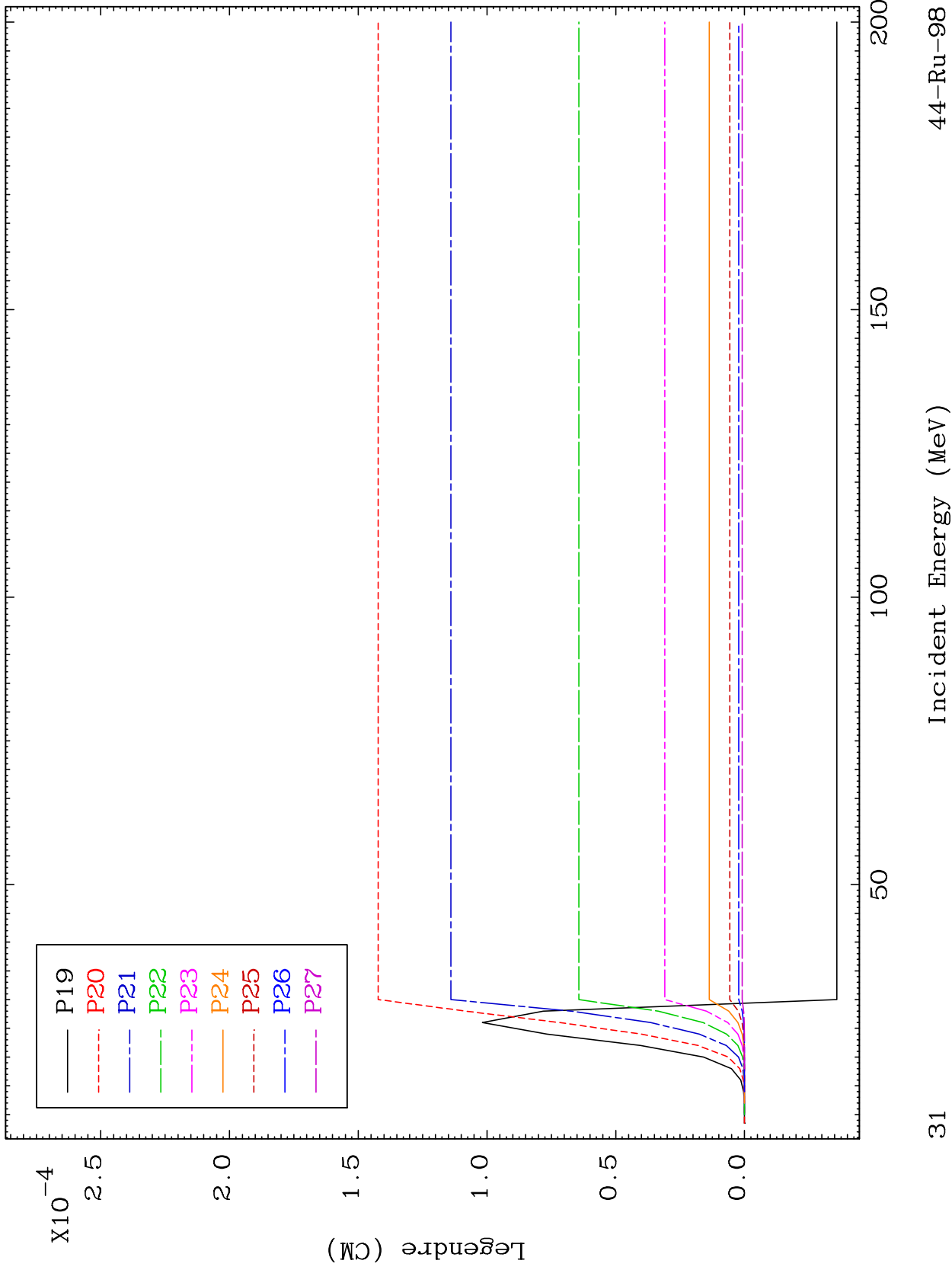
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44-Ru-98

Incident Energy (MeV)

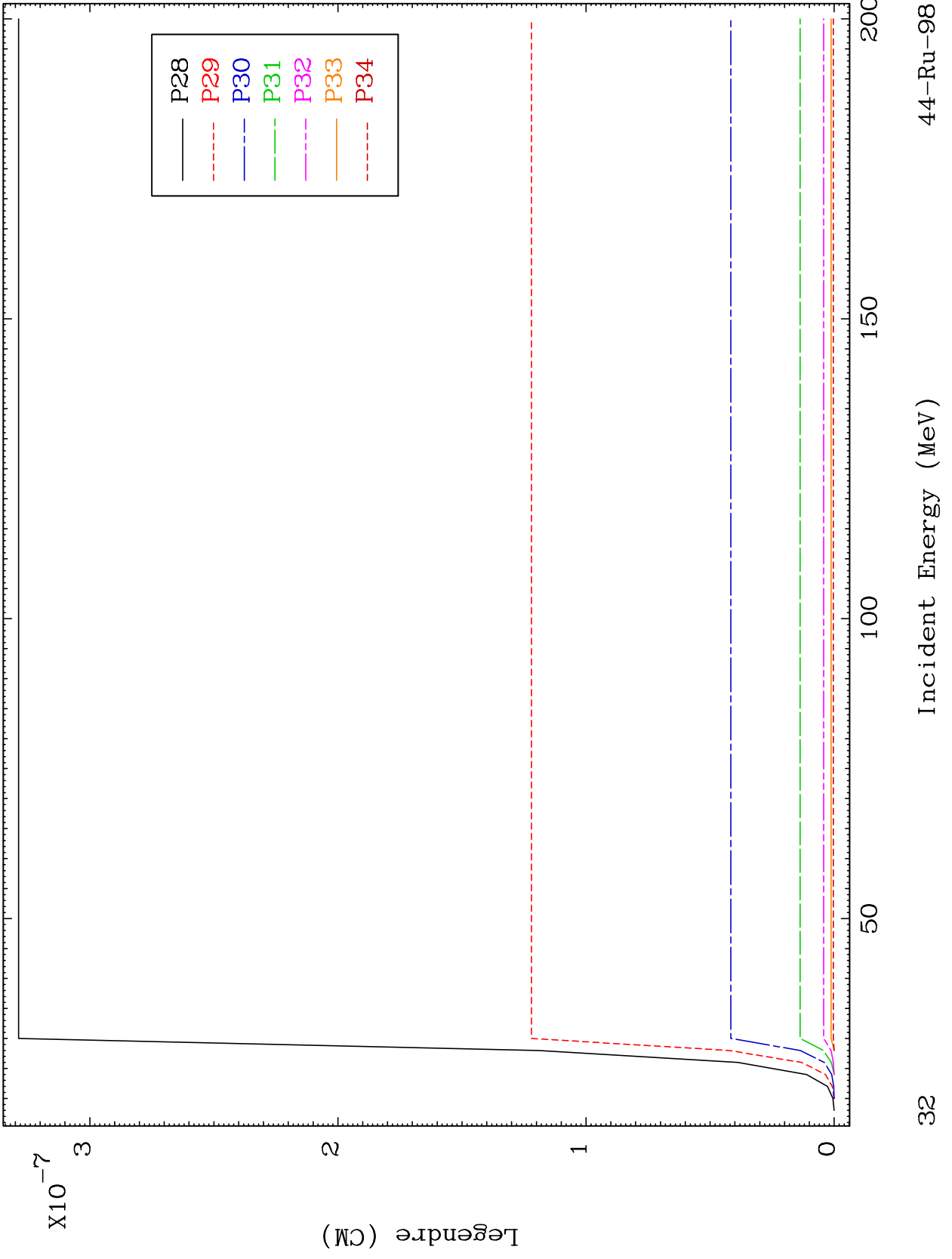
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MAT 4431

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

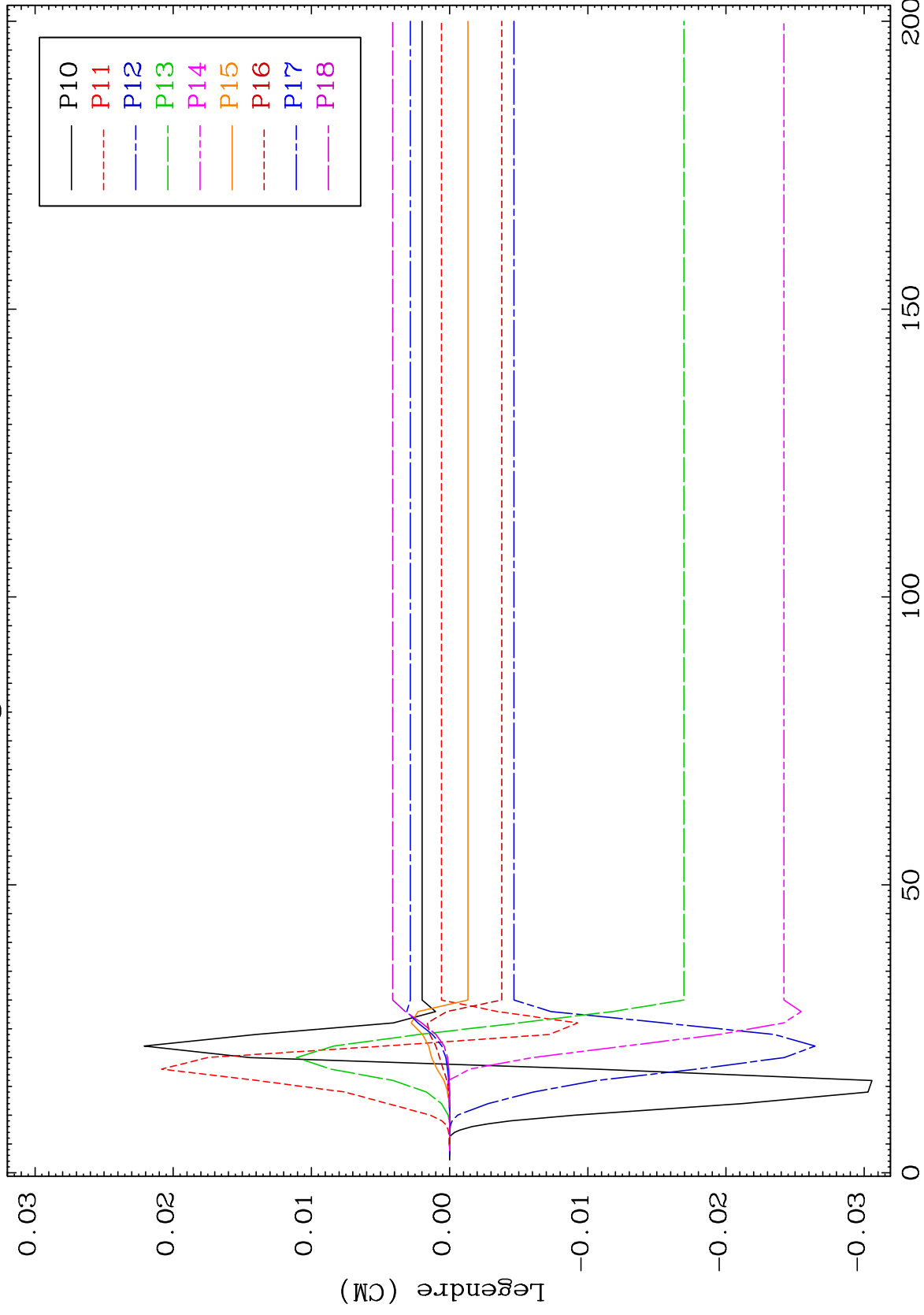
44-Ru-98



MAT 4431

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

44-Ru-98



34

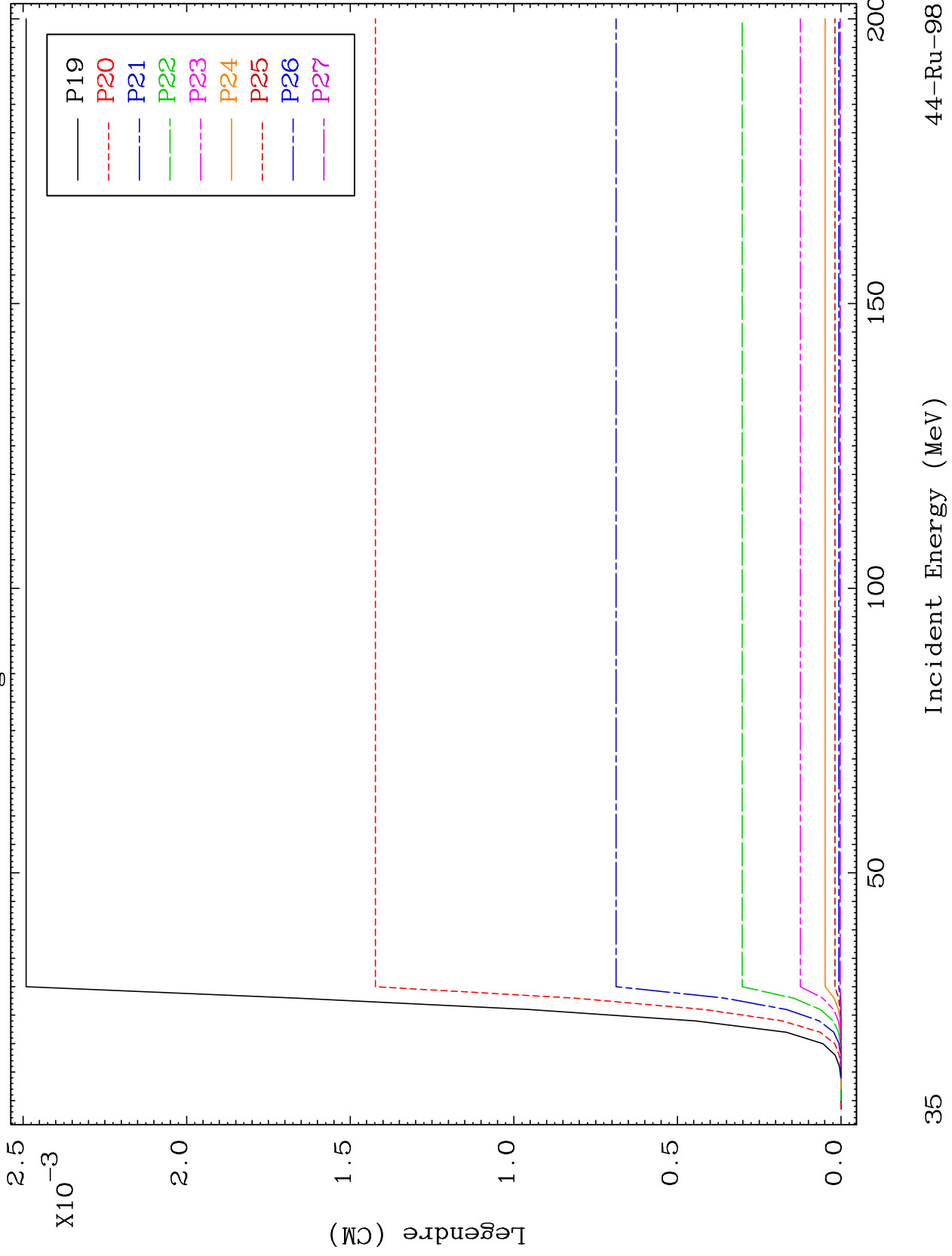
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



35

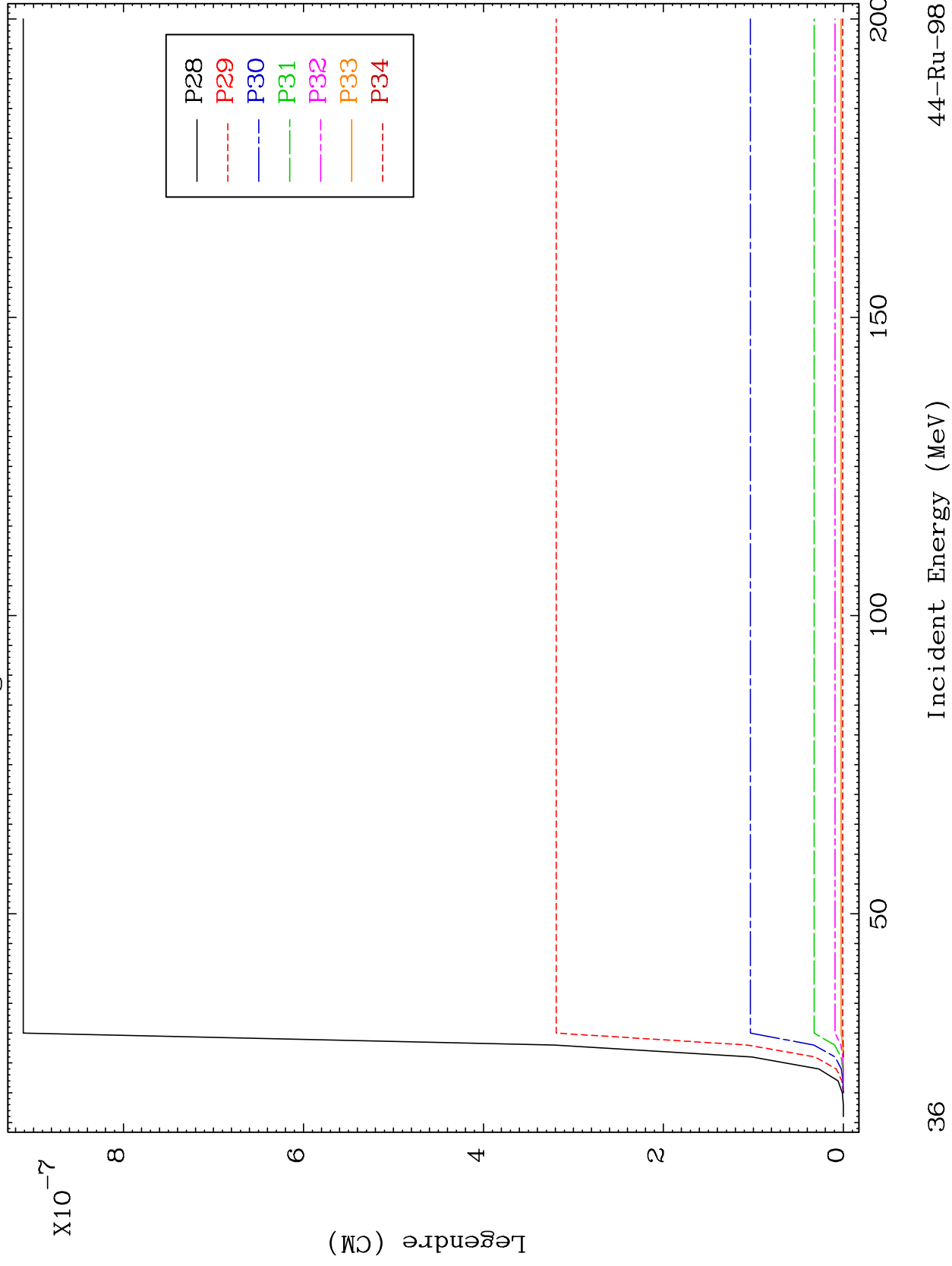
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

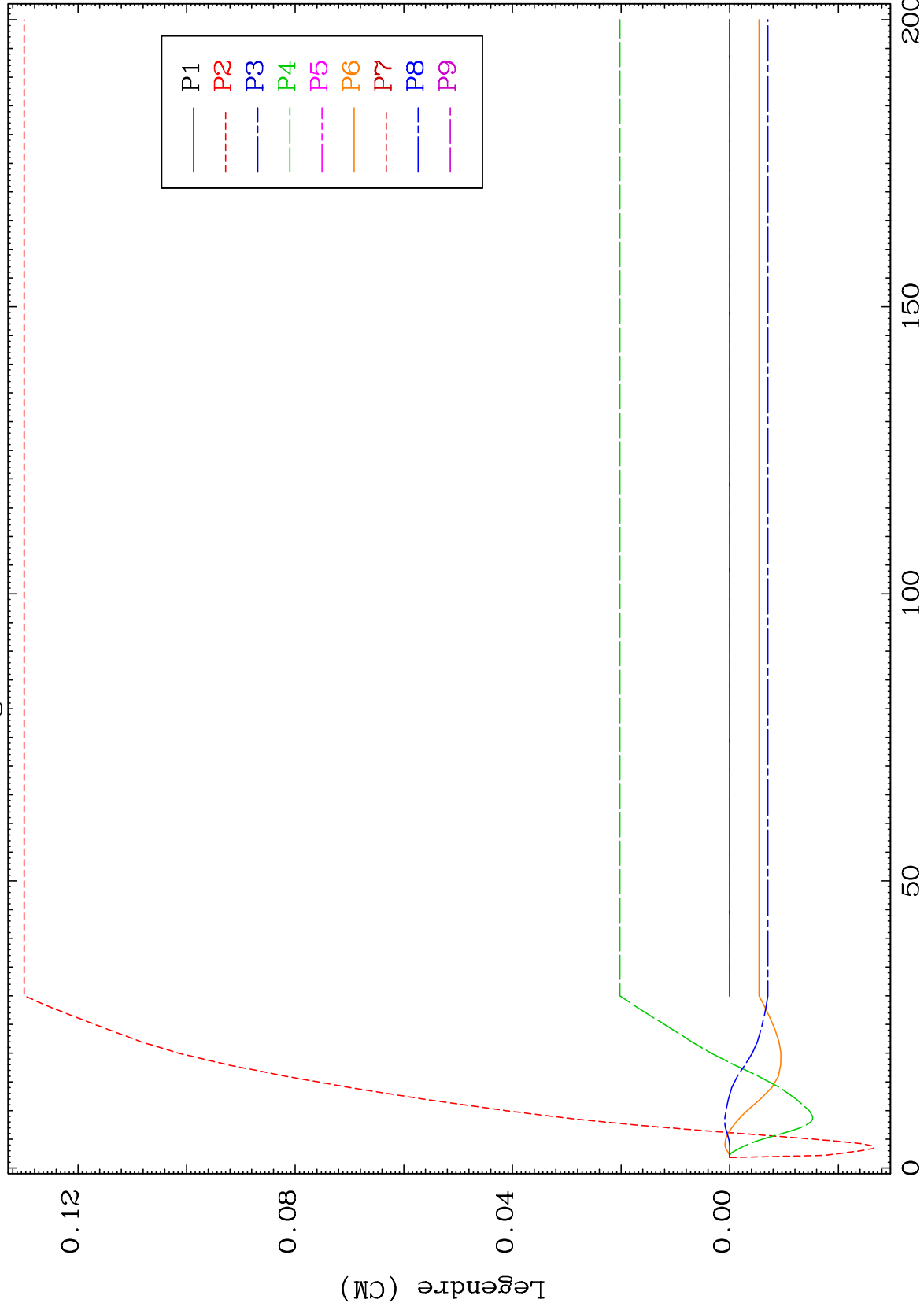
44-Ru-98



MAT 4431

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

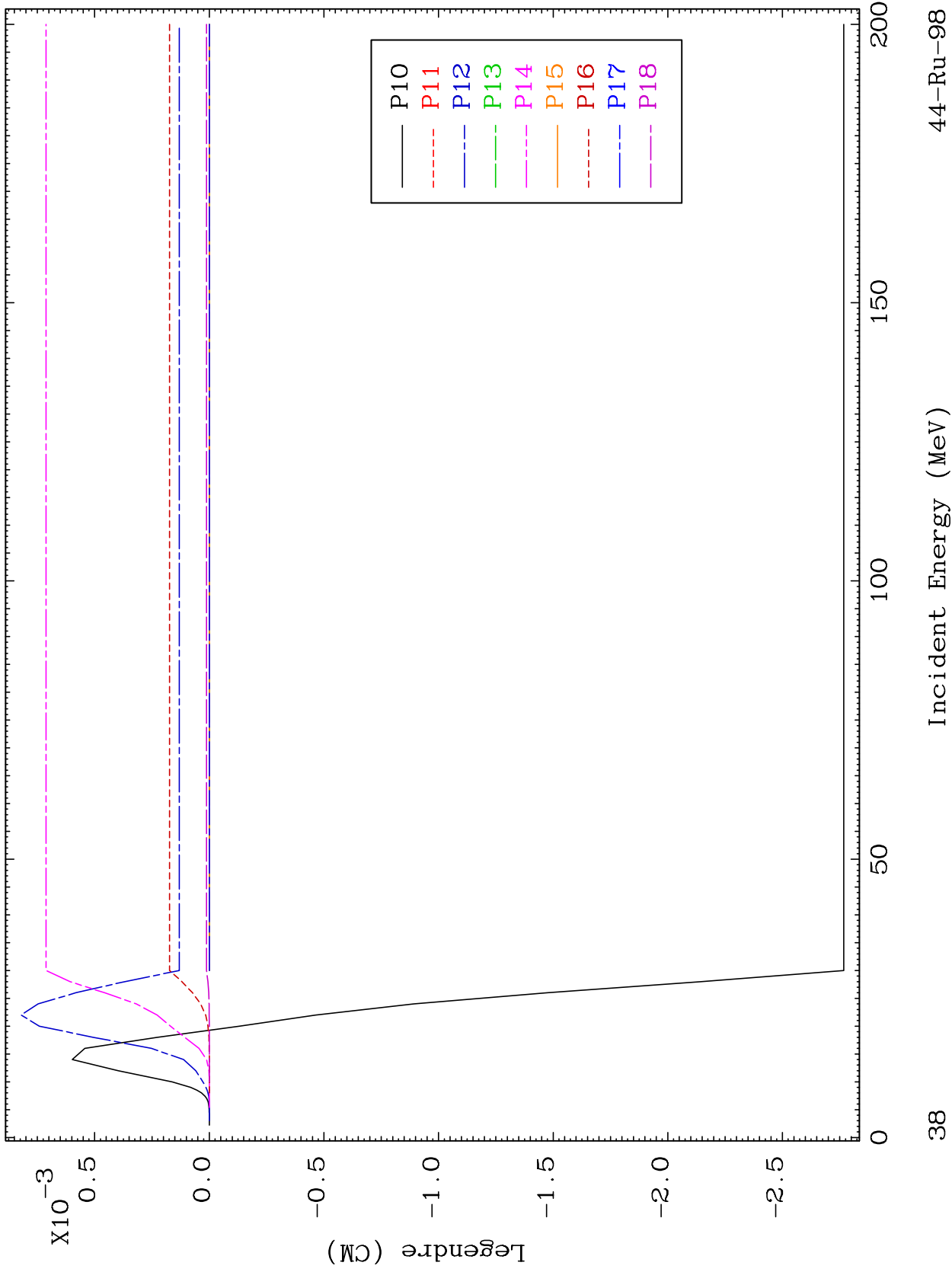
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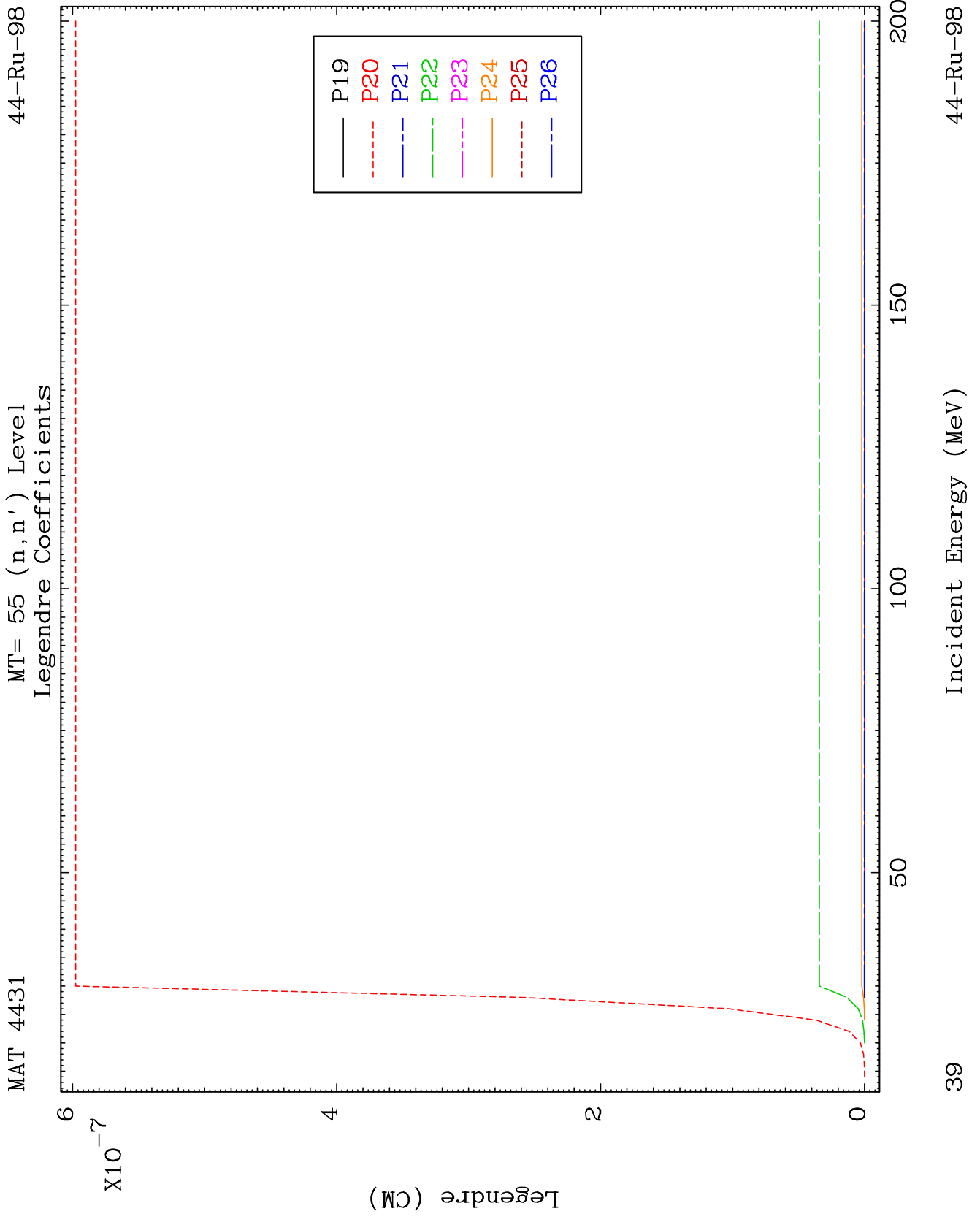


44-Ru-98

Incident Energy (MeV)

37

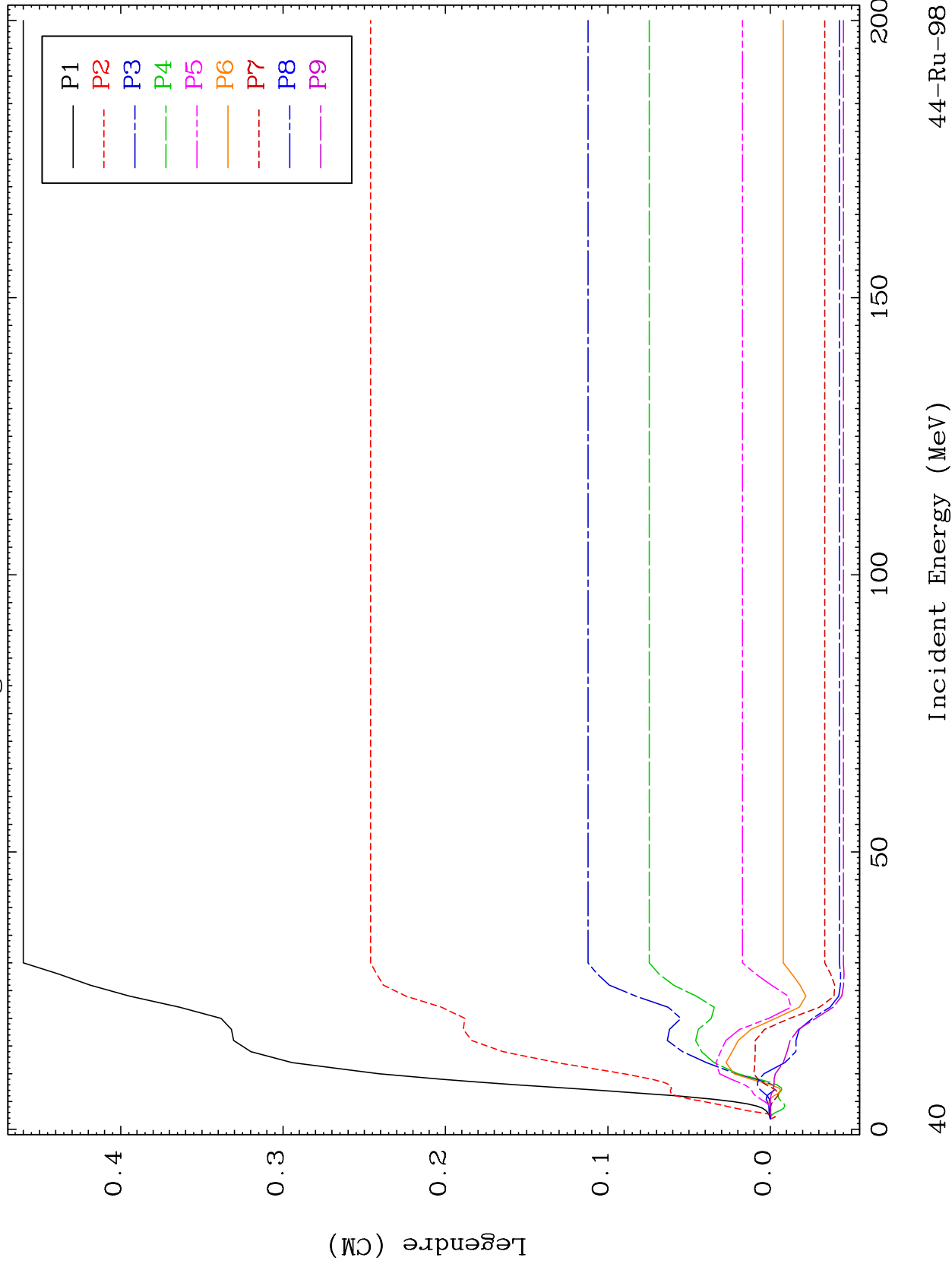




MAT 4431

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

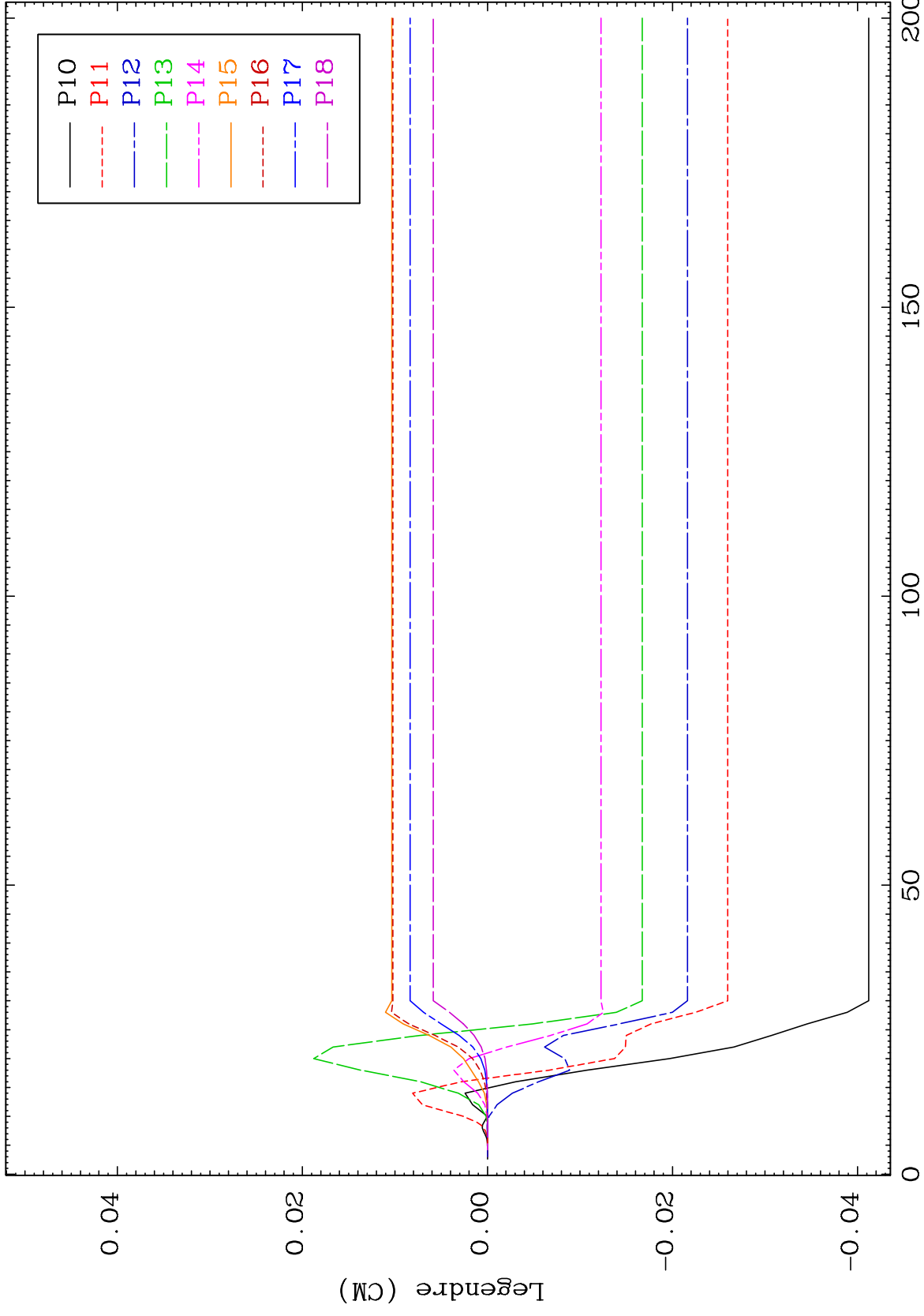
44-Ru-98



MAT 4431

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

44-Ru-98



41

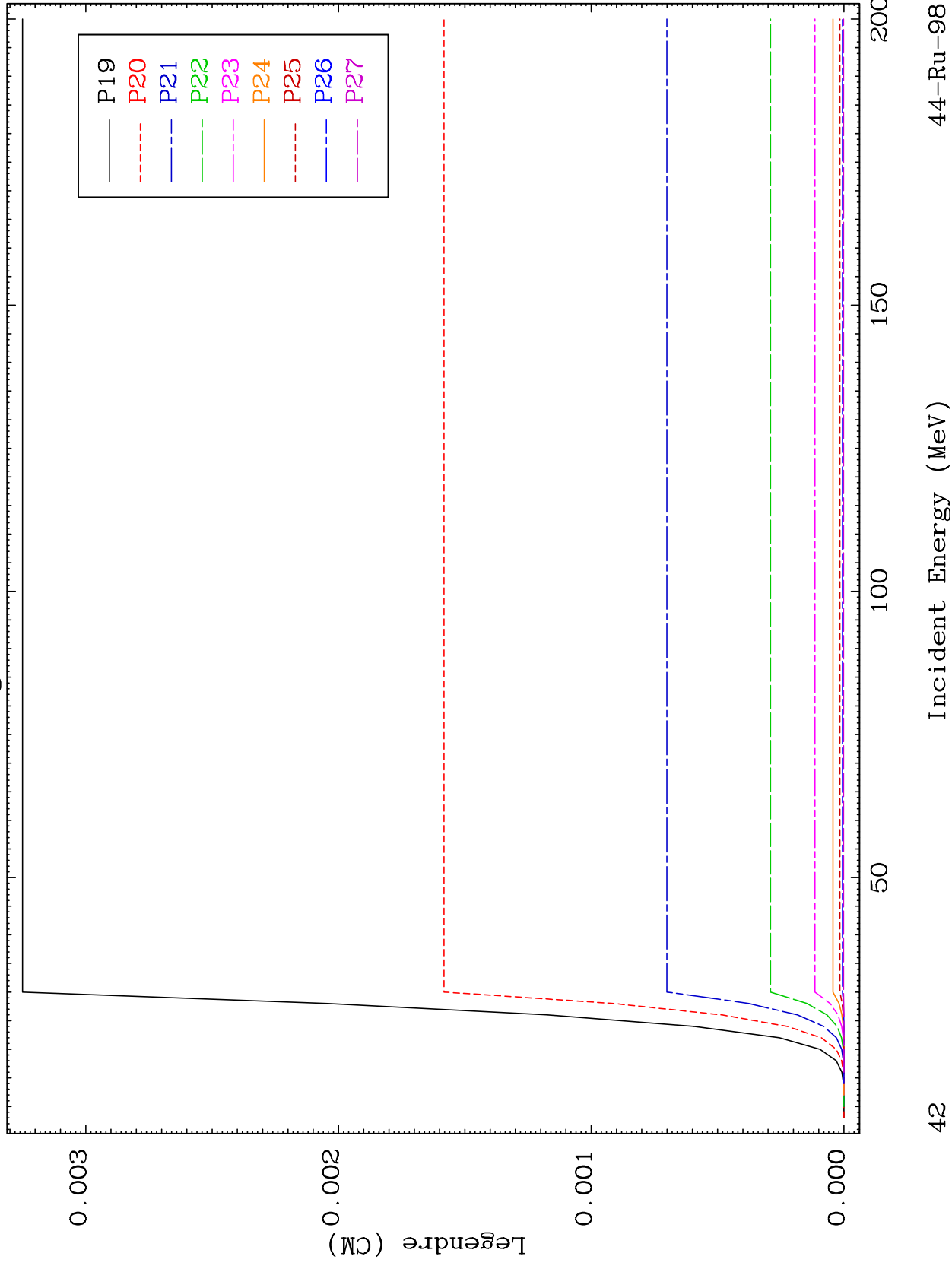
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



42

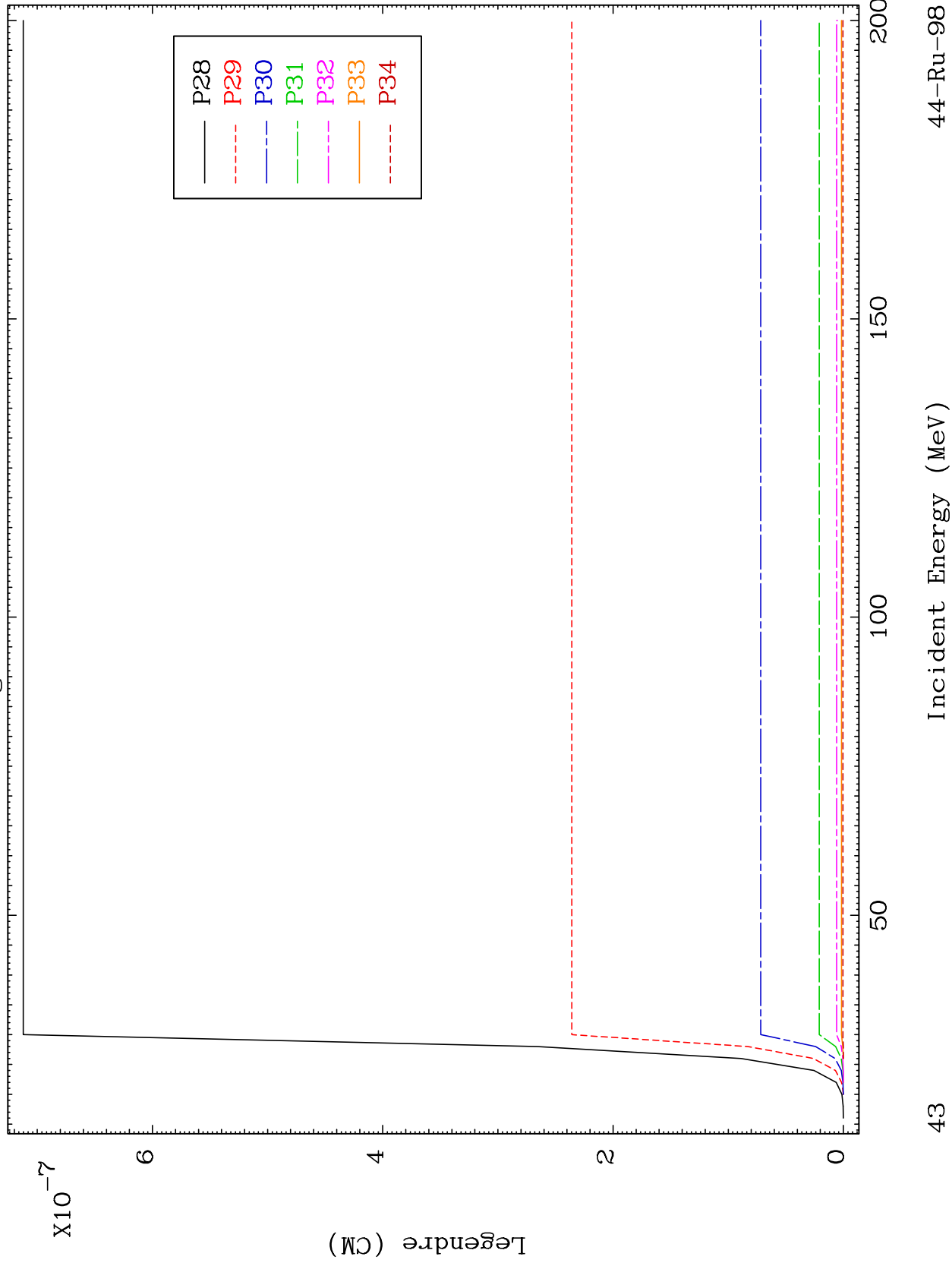
Incident Energy (MeV)

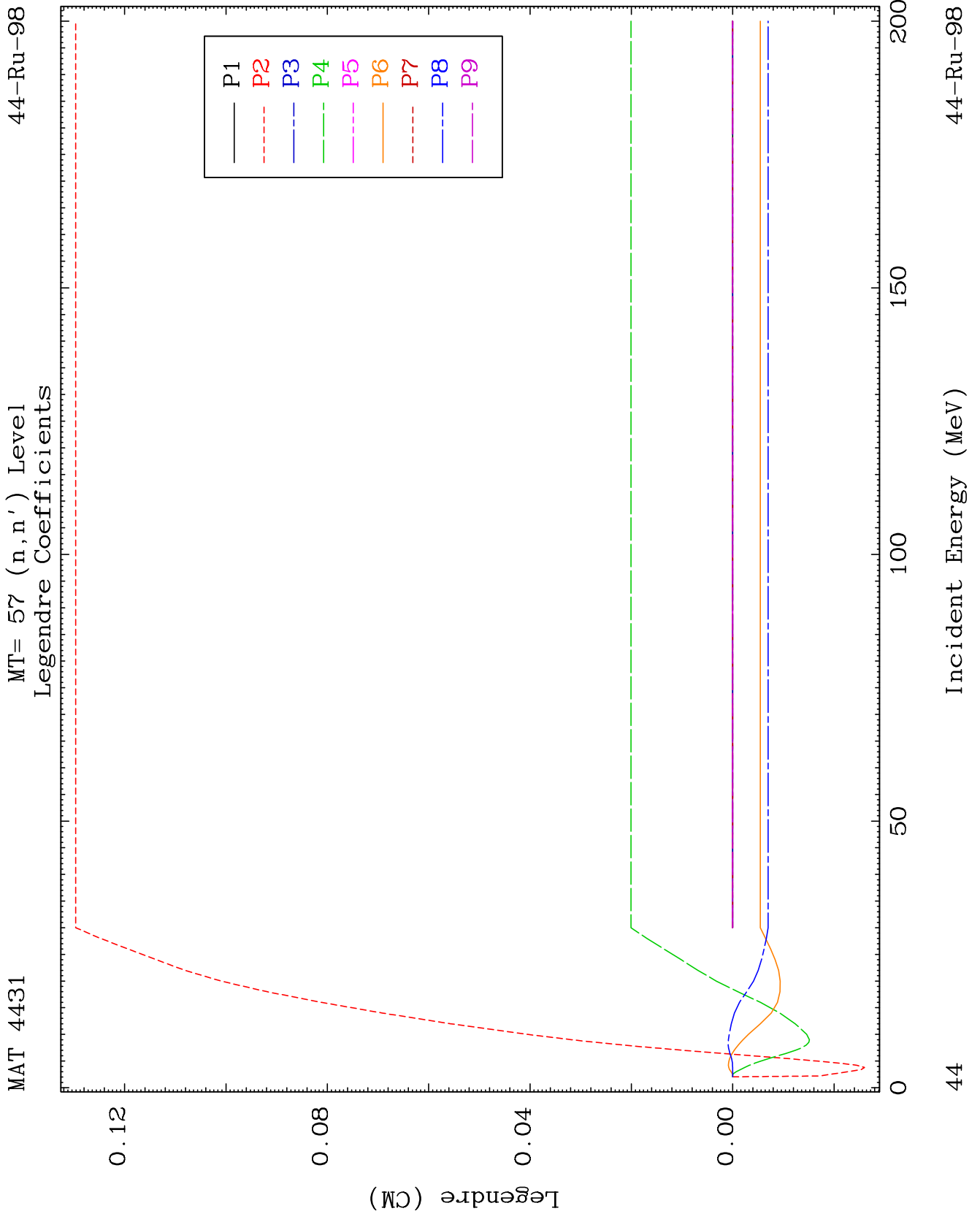
44-Ru-98

MAT 4431

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

44-Ru-98

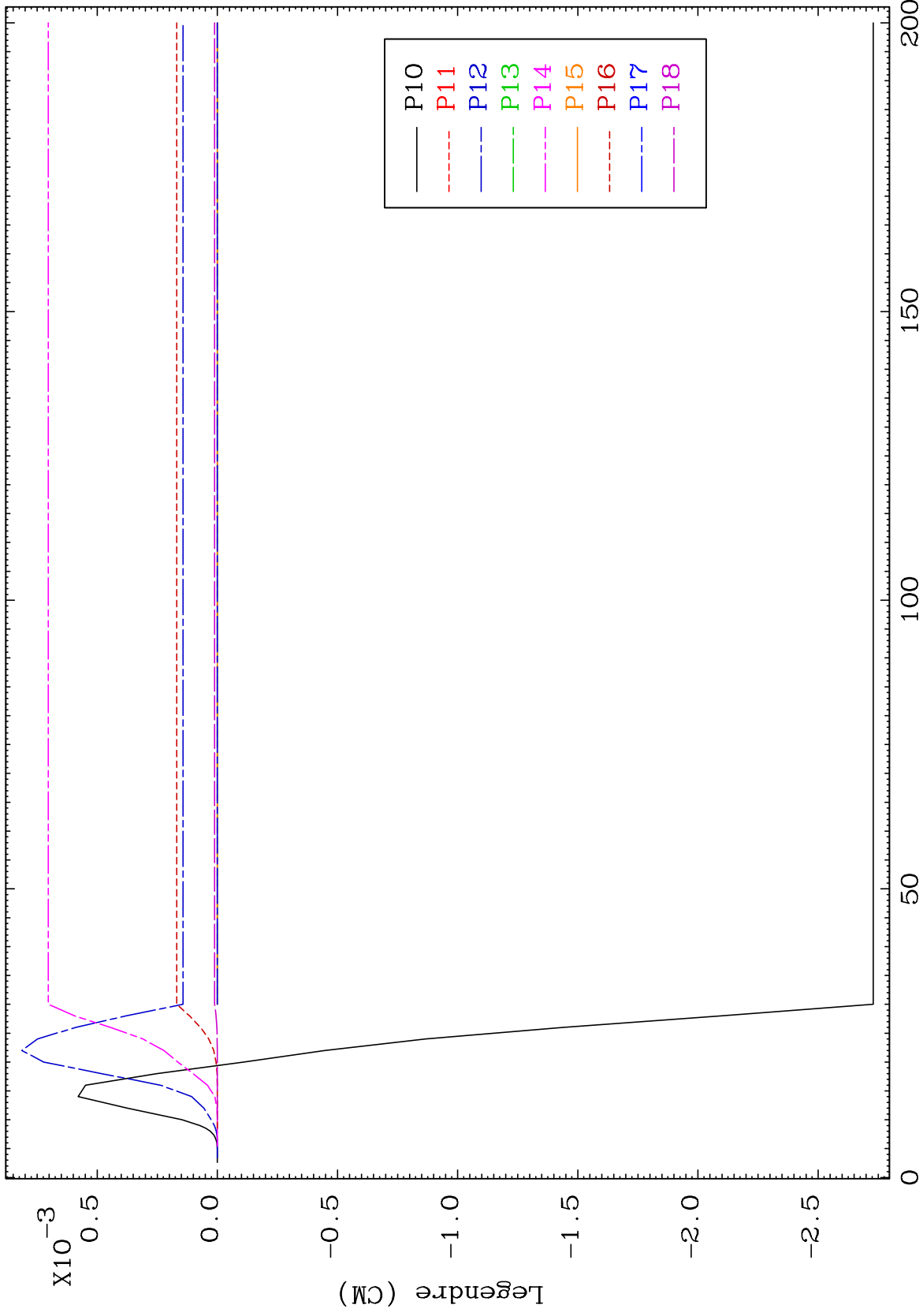




MAT 4431

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

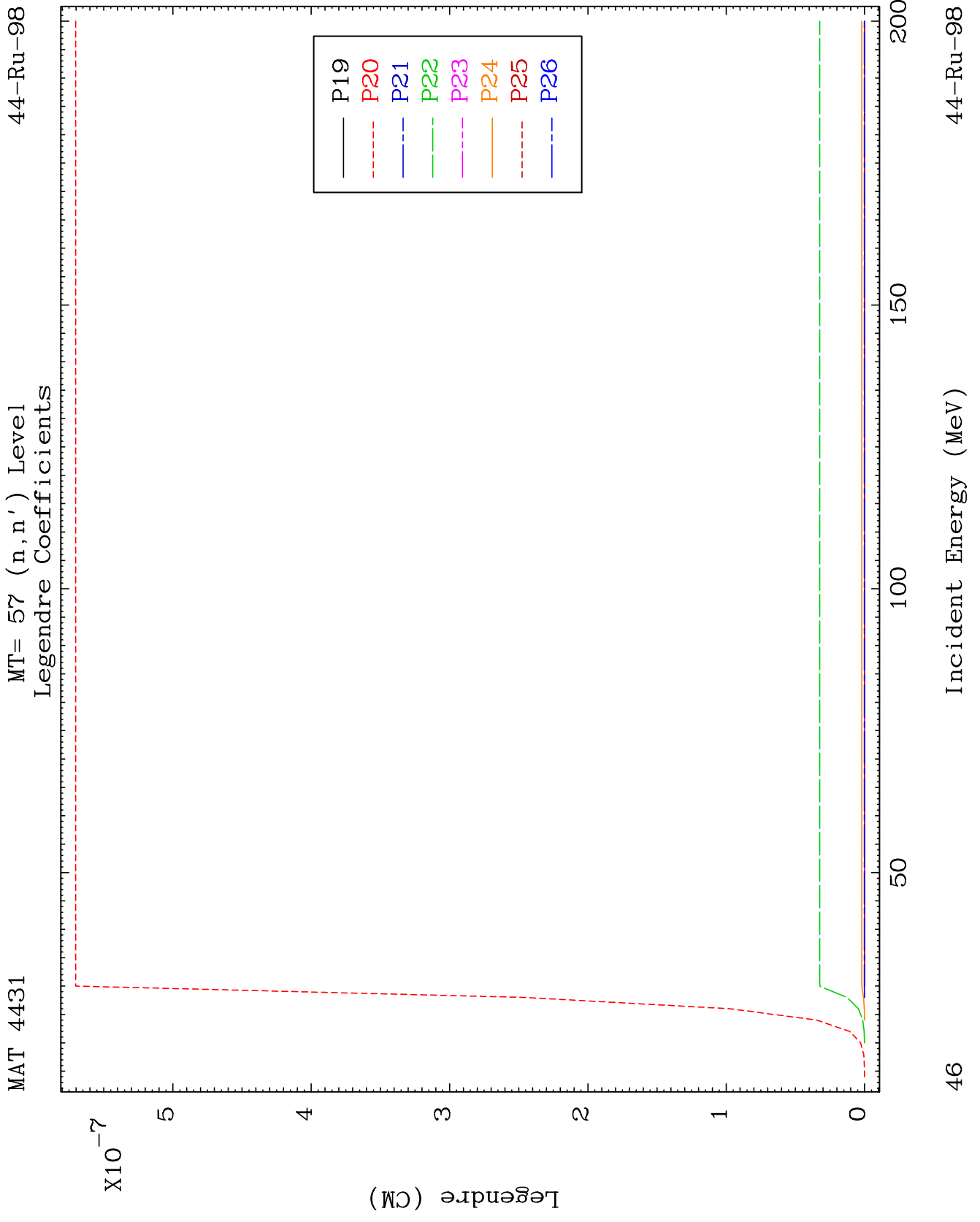
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45

Incident Energy (MeV)

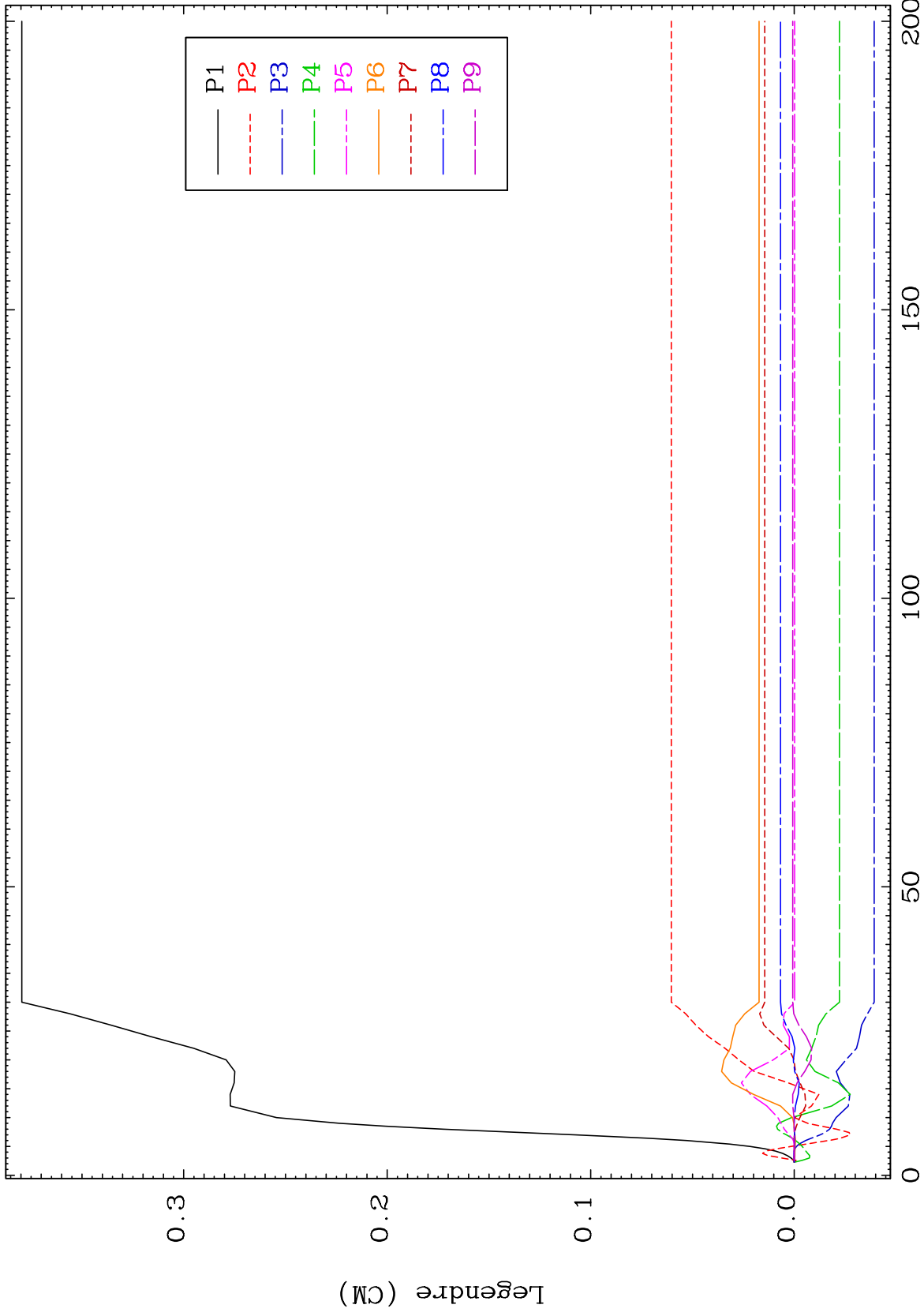
44-Ru-98



MAT 4431

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

44-Ru-98



47

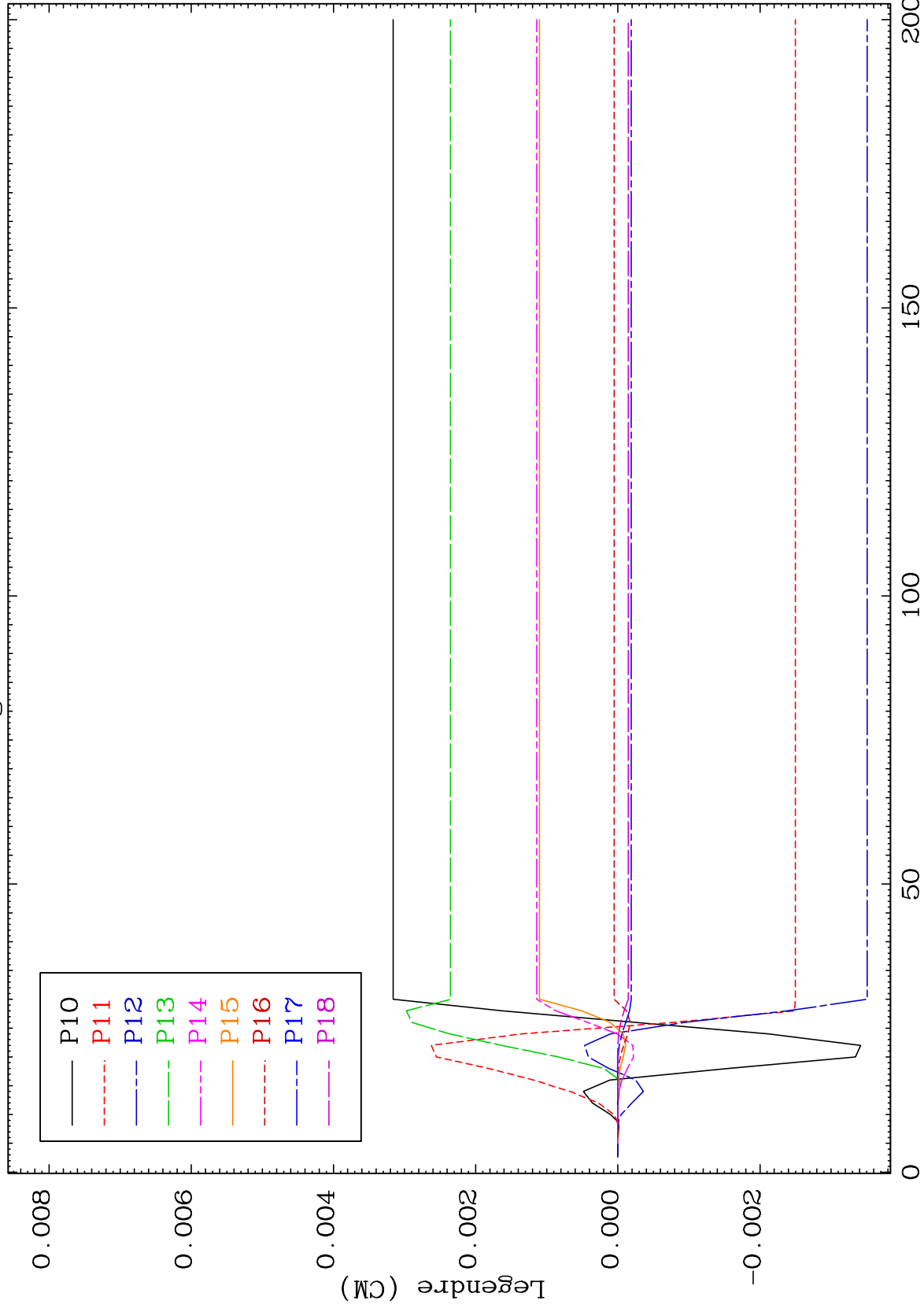
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



48

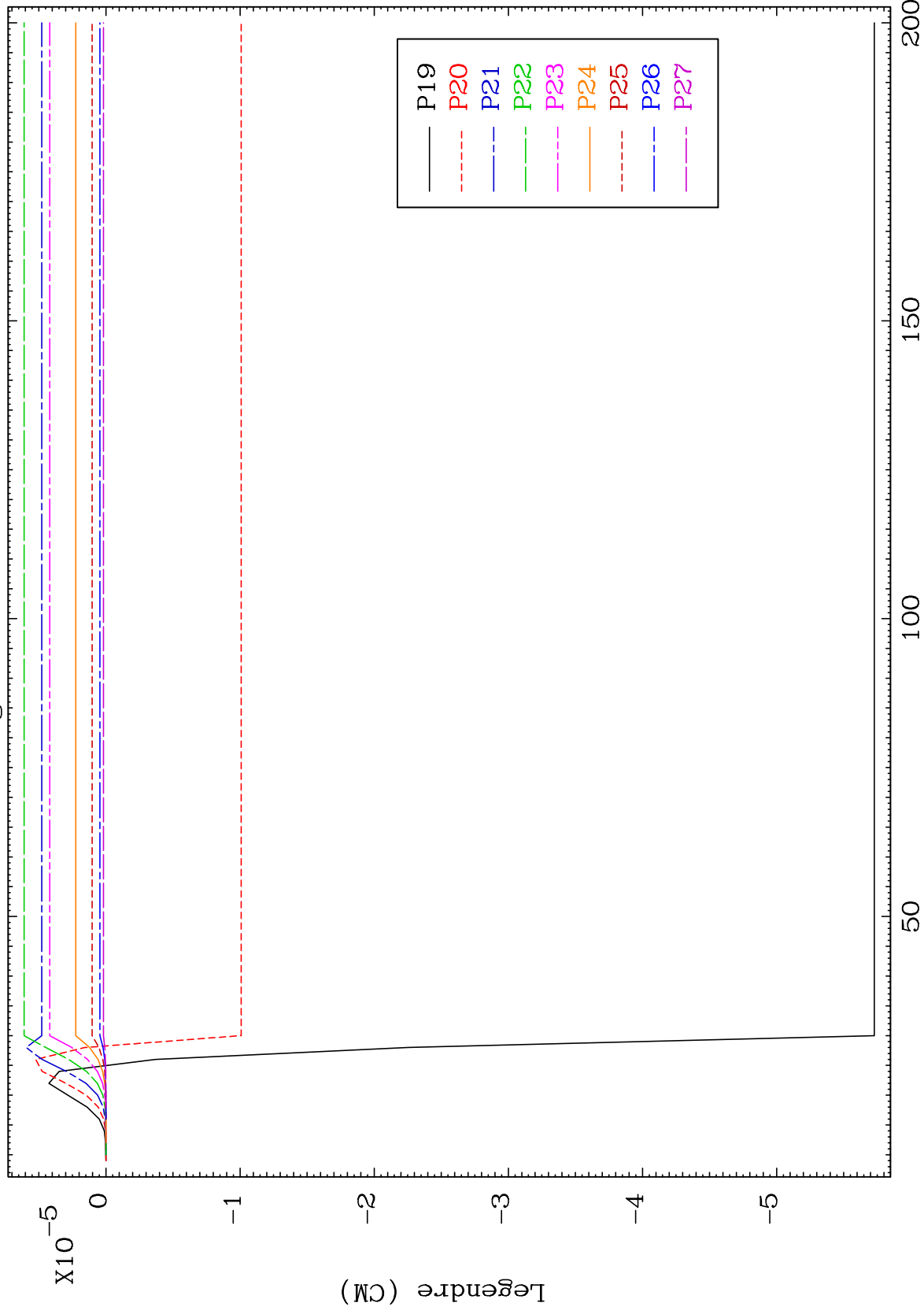
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



49

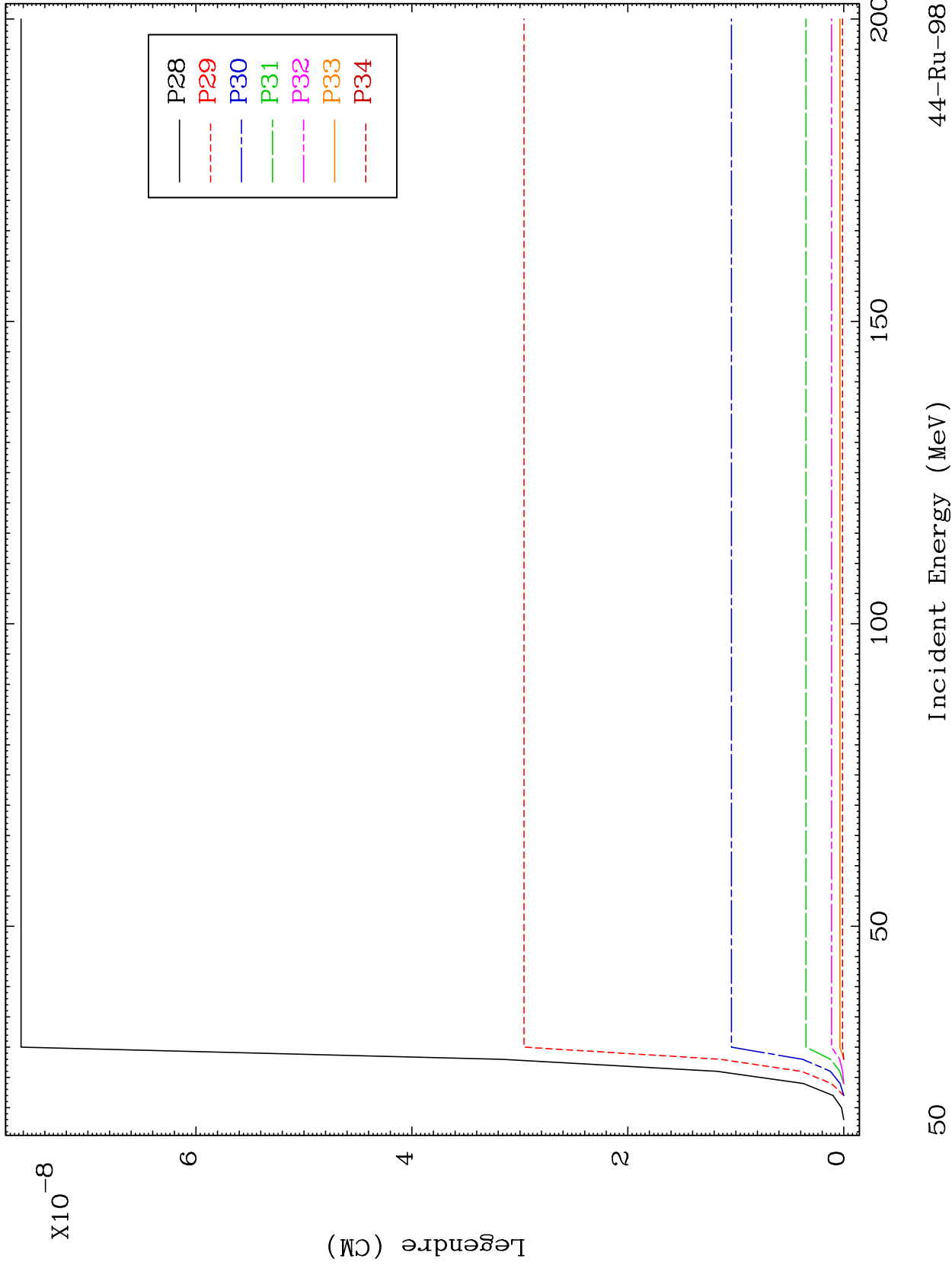
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98

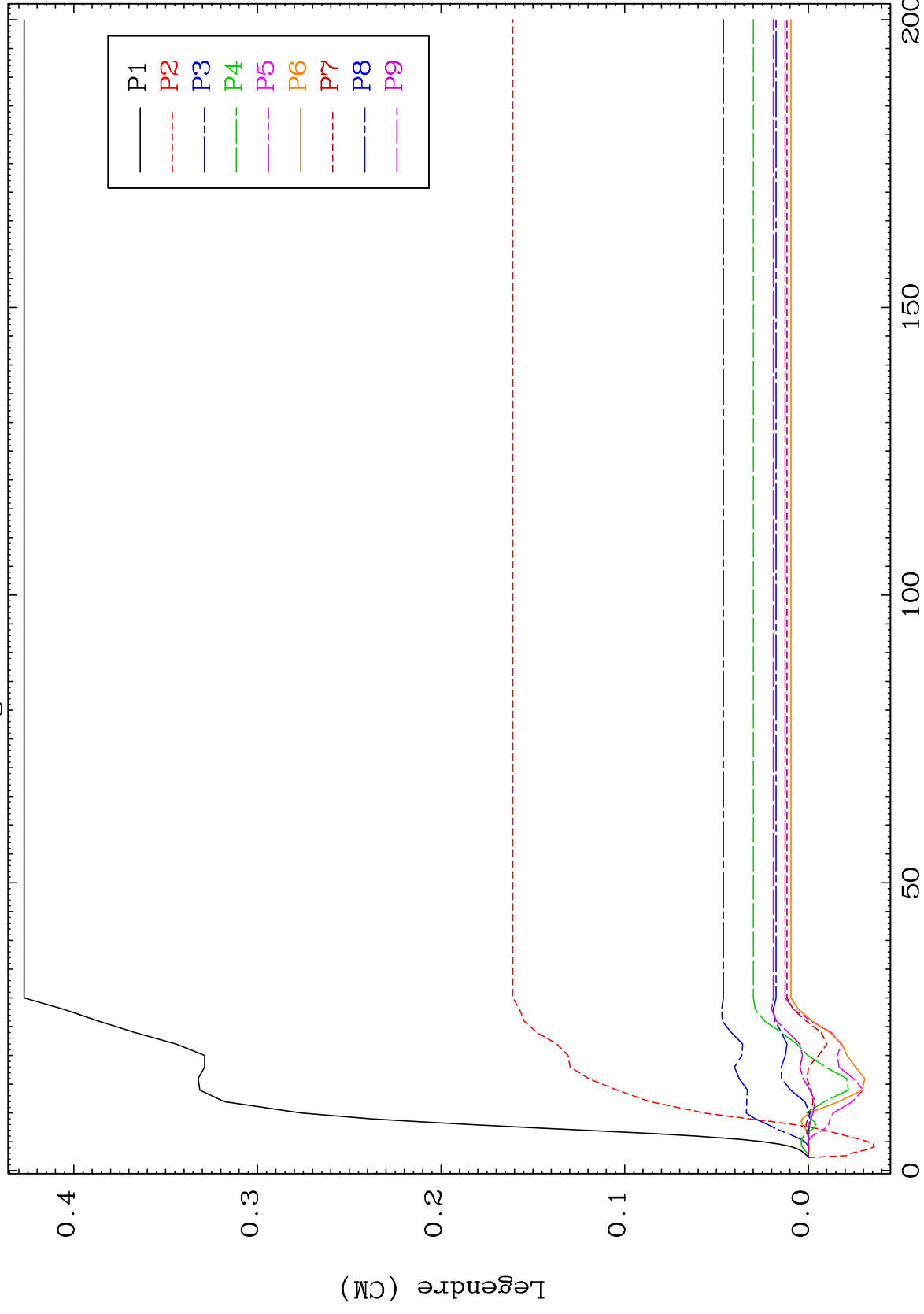


44-Ru-98

MAT 4431

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

44-Ru-98



51

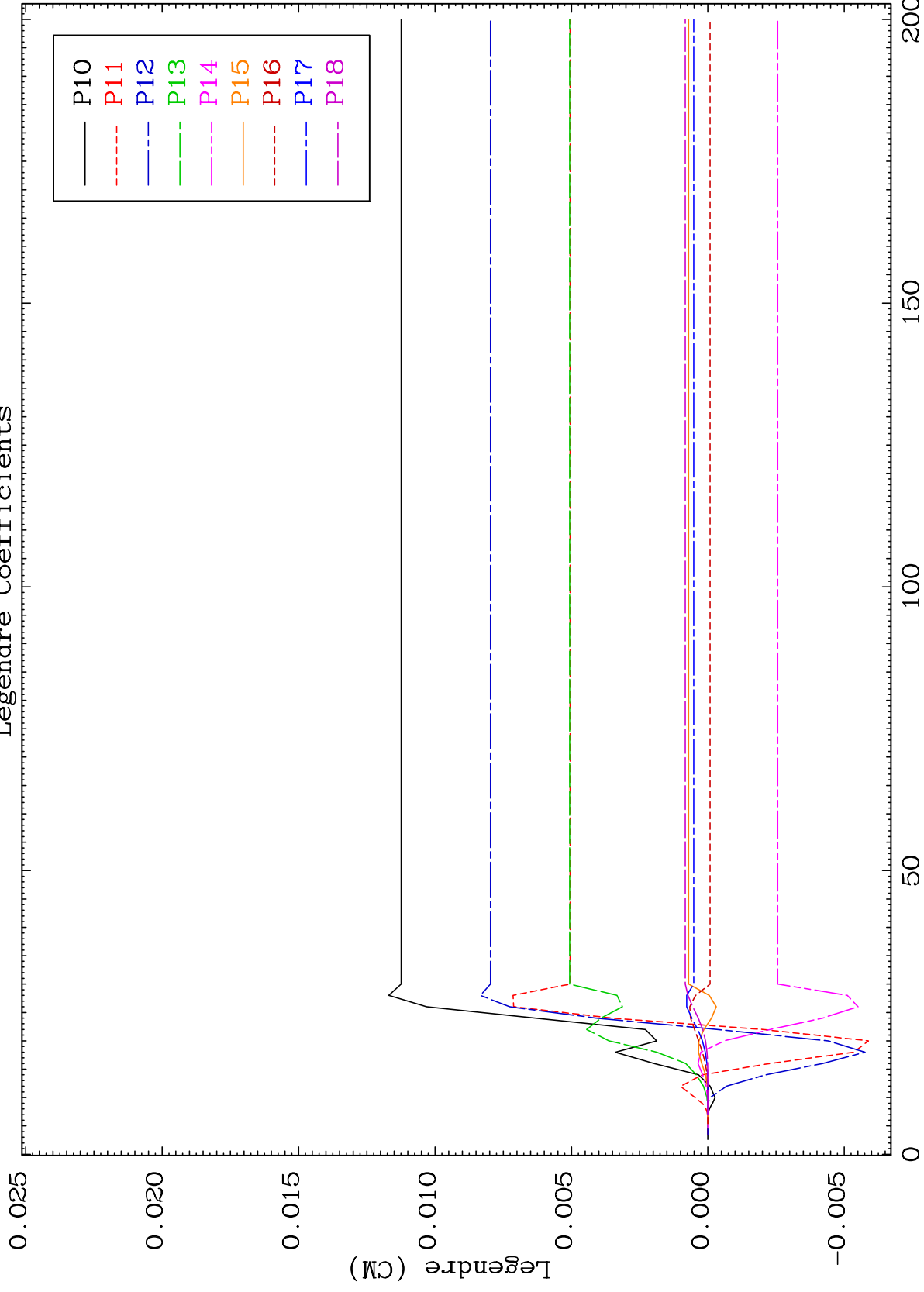
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



52

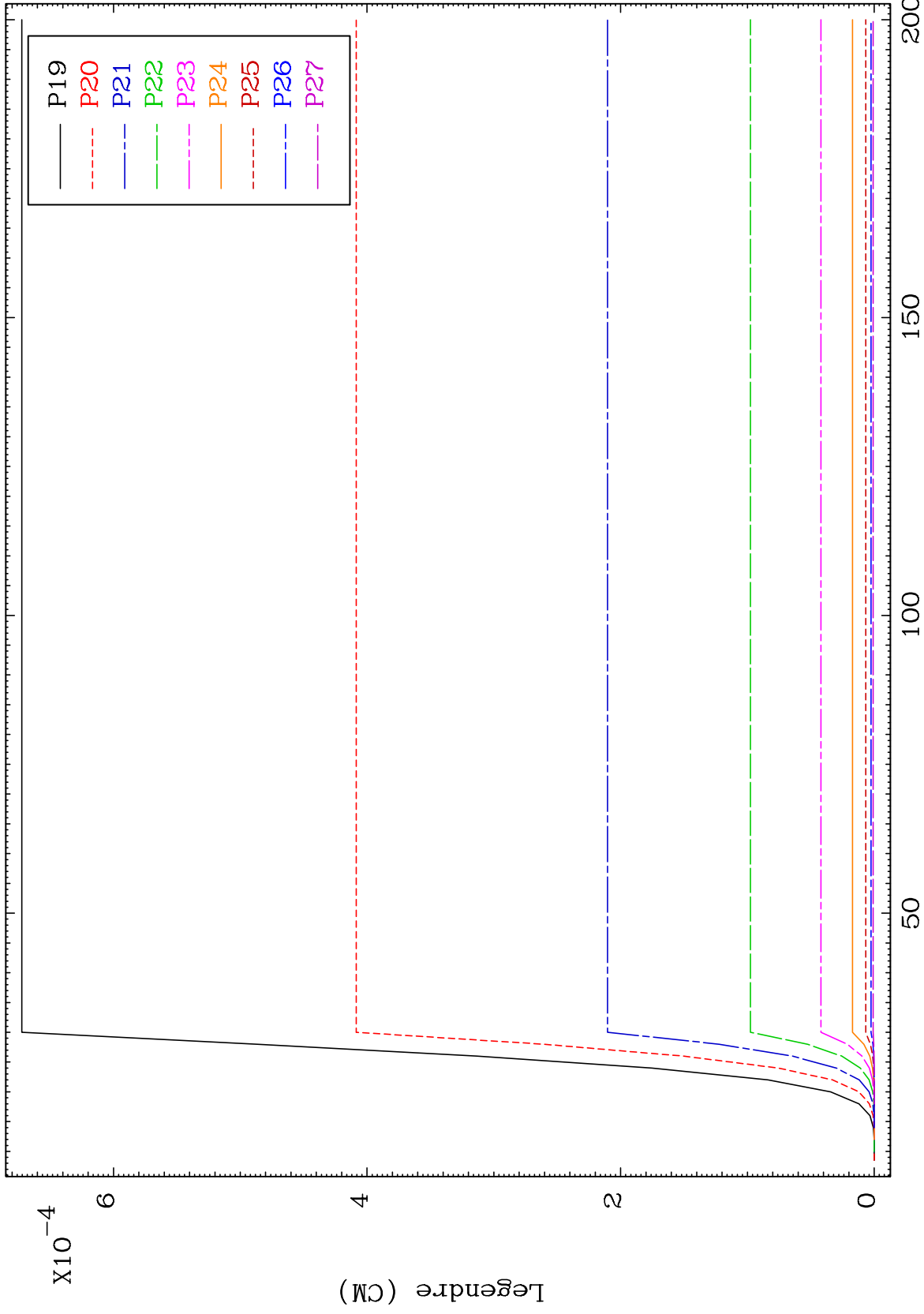
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



53

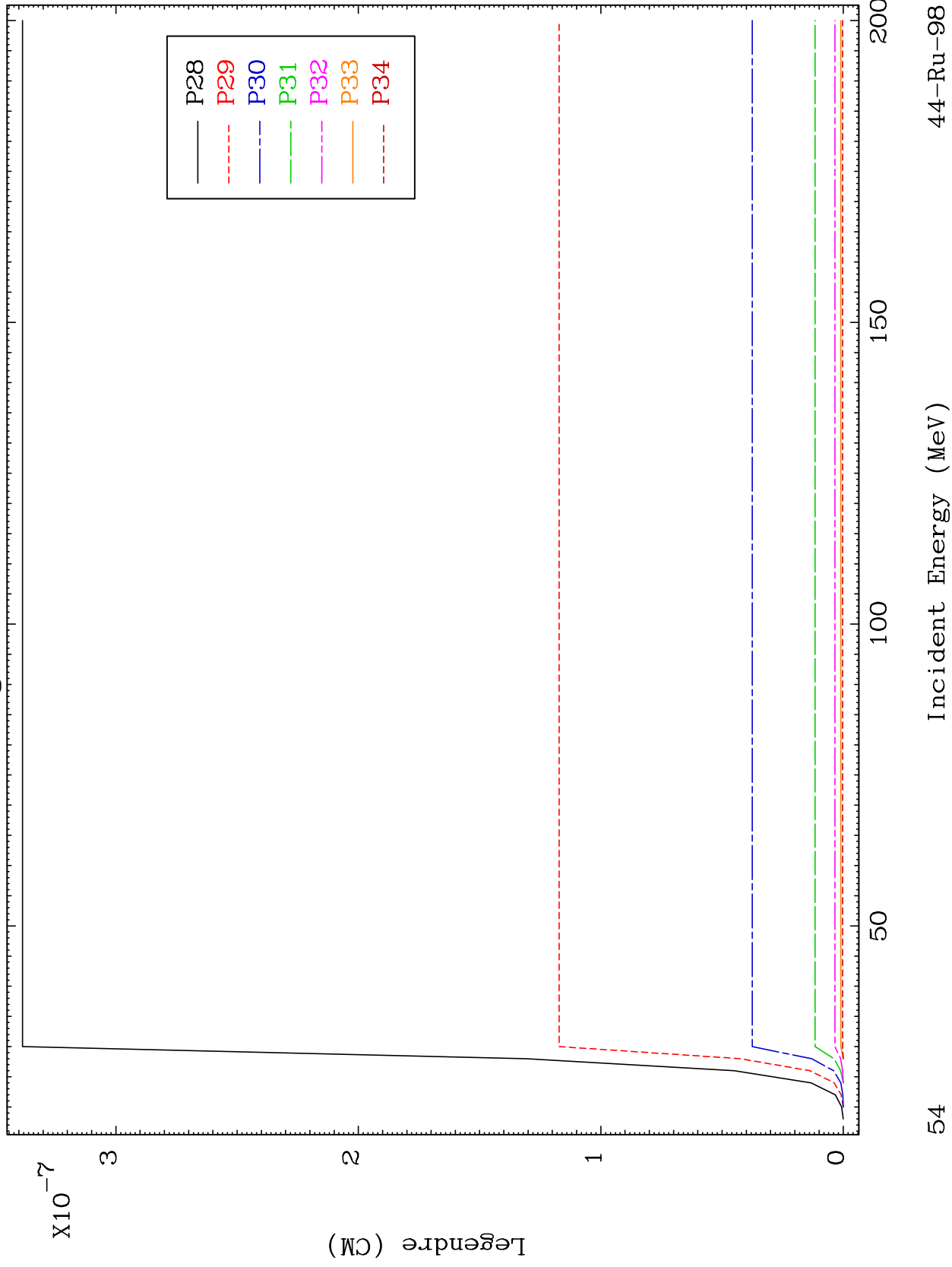
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



54

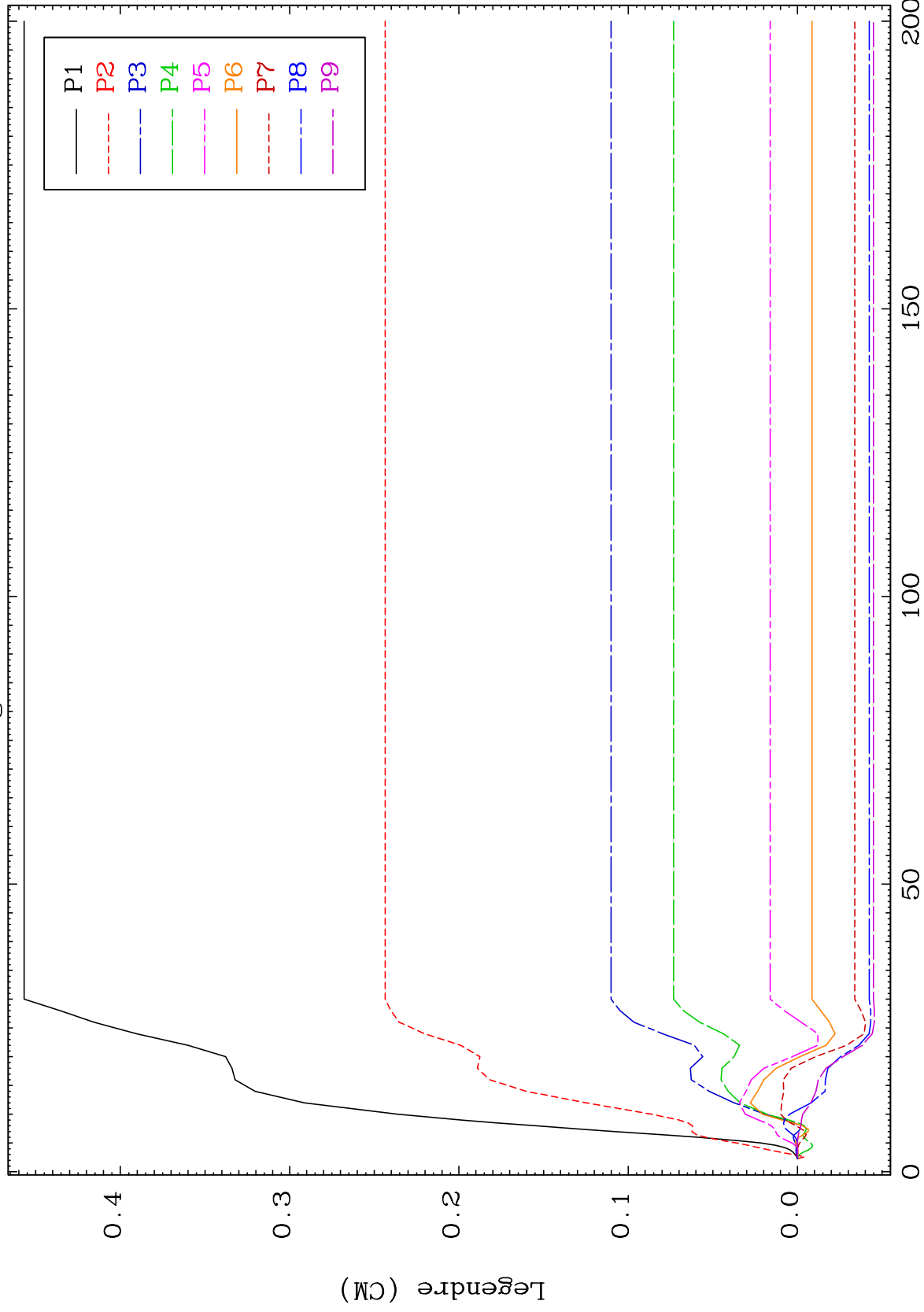
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



55

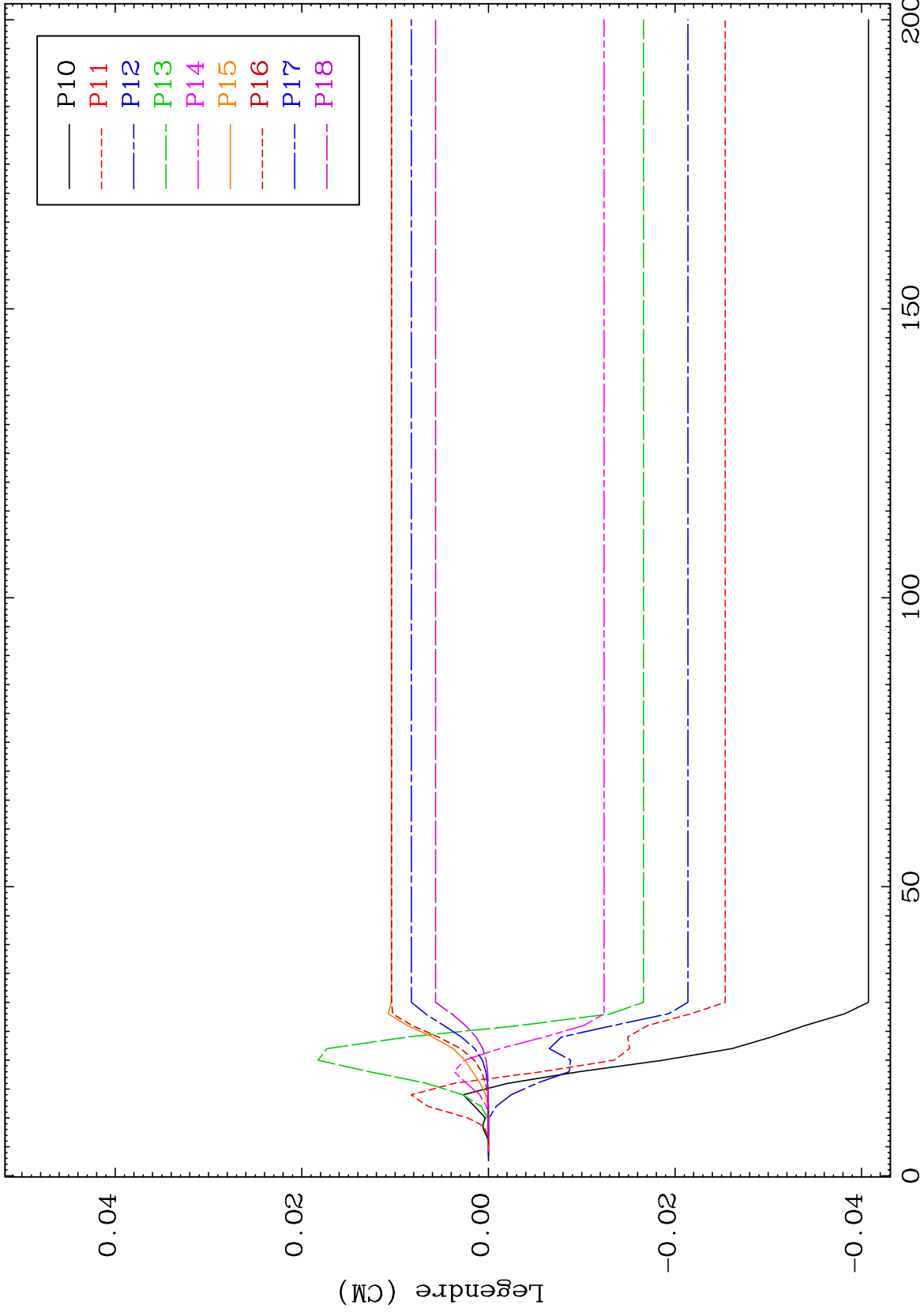
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



56

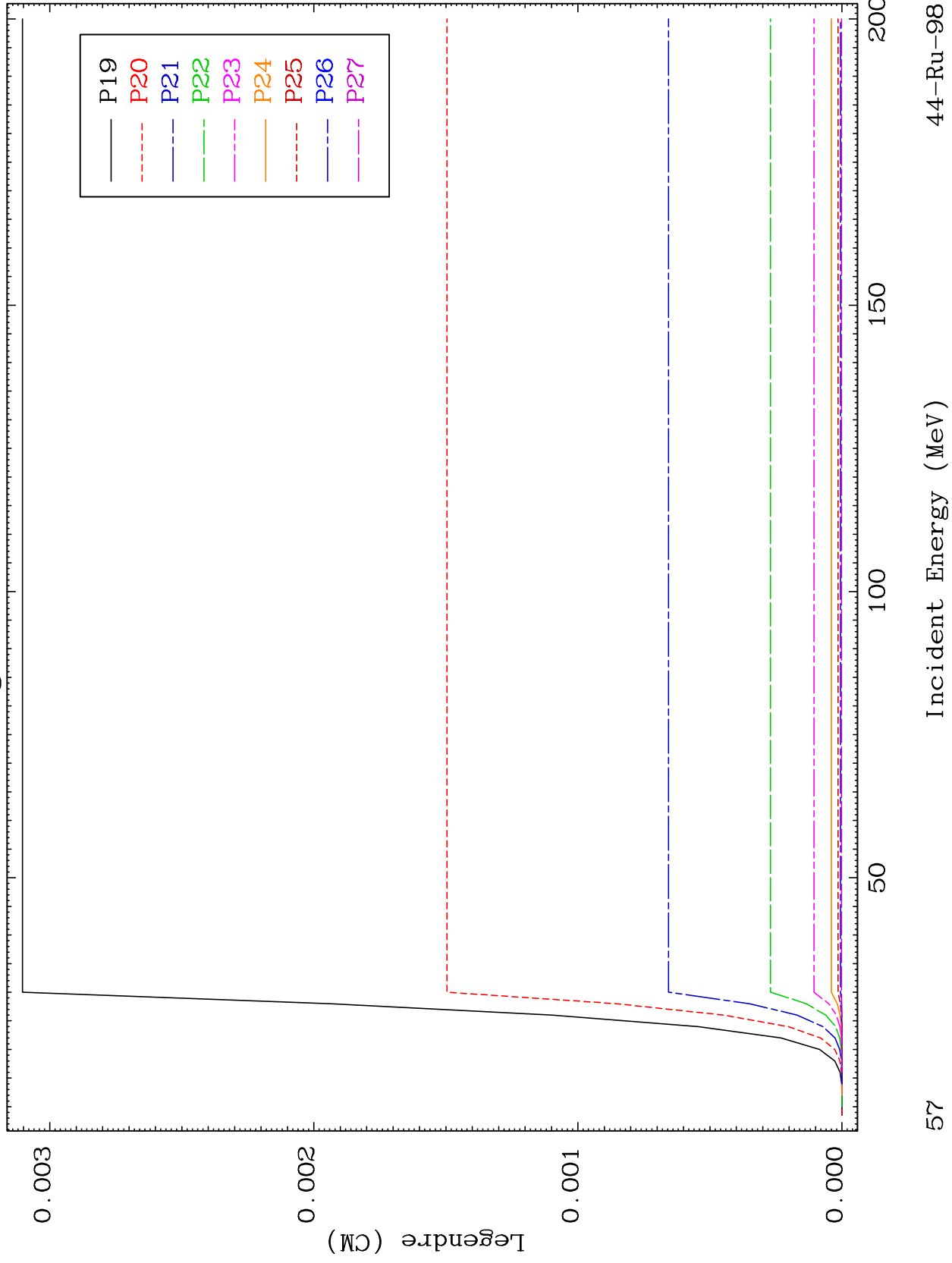
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98

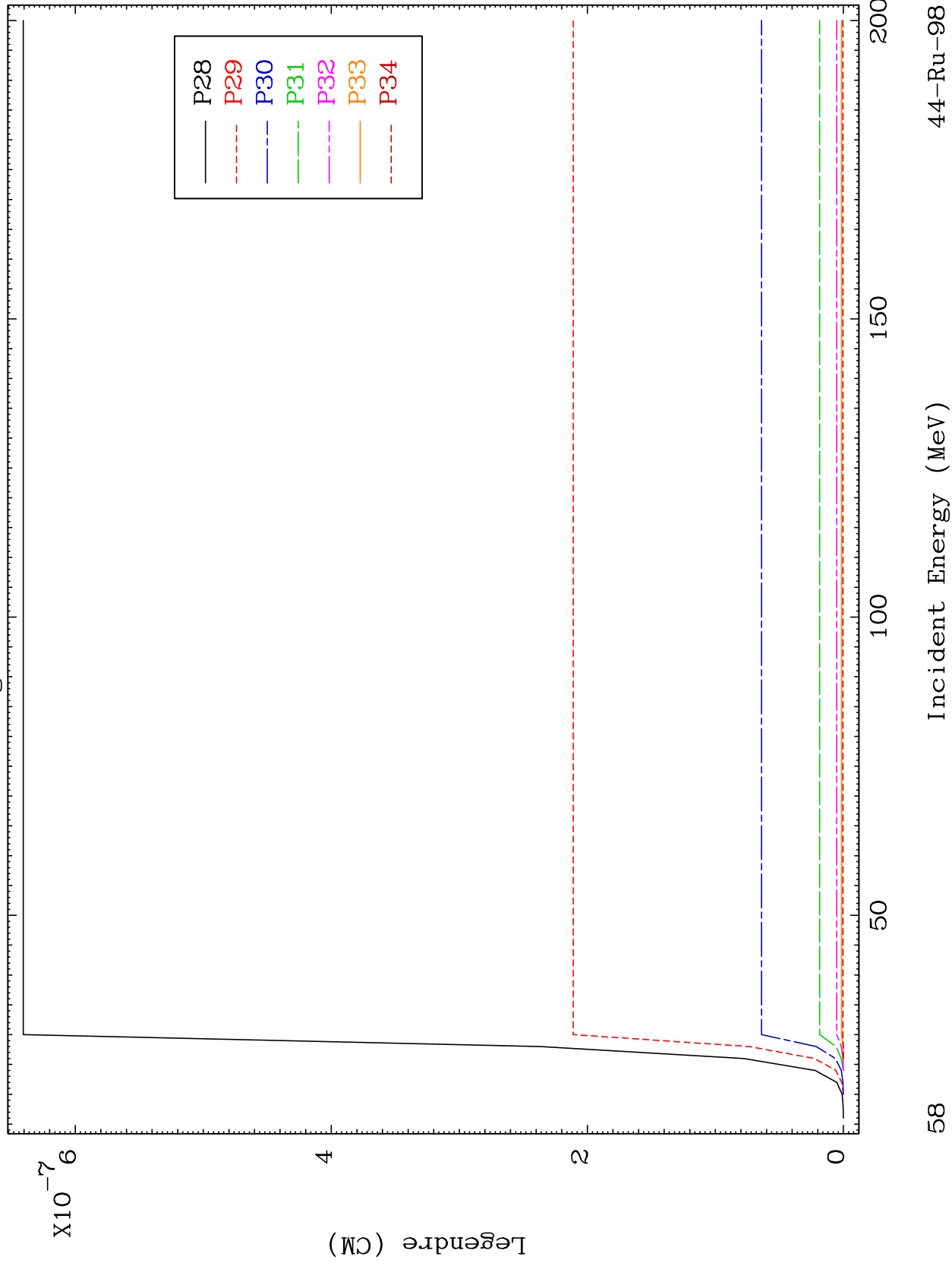


57

MAT 4431

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

44-Ru-98



58

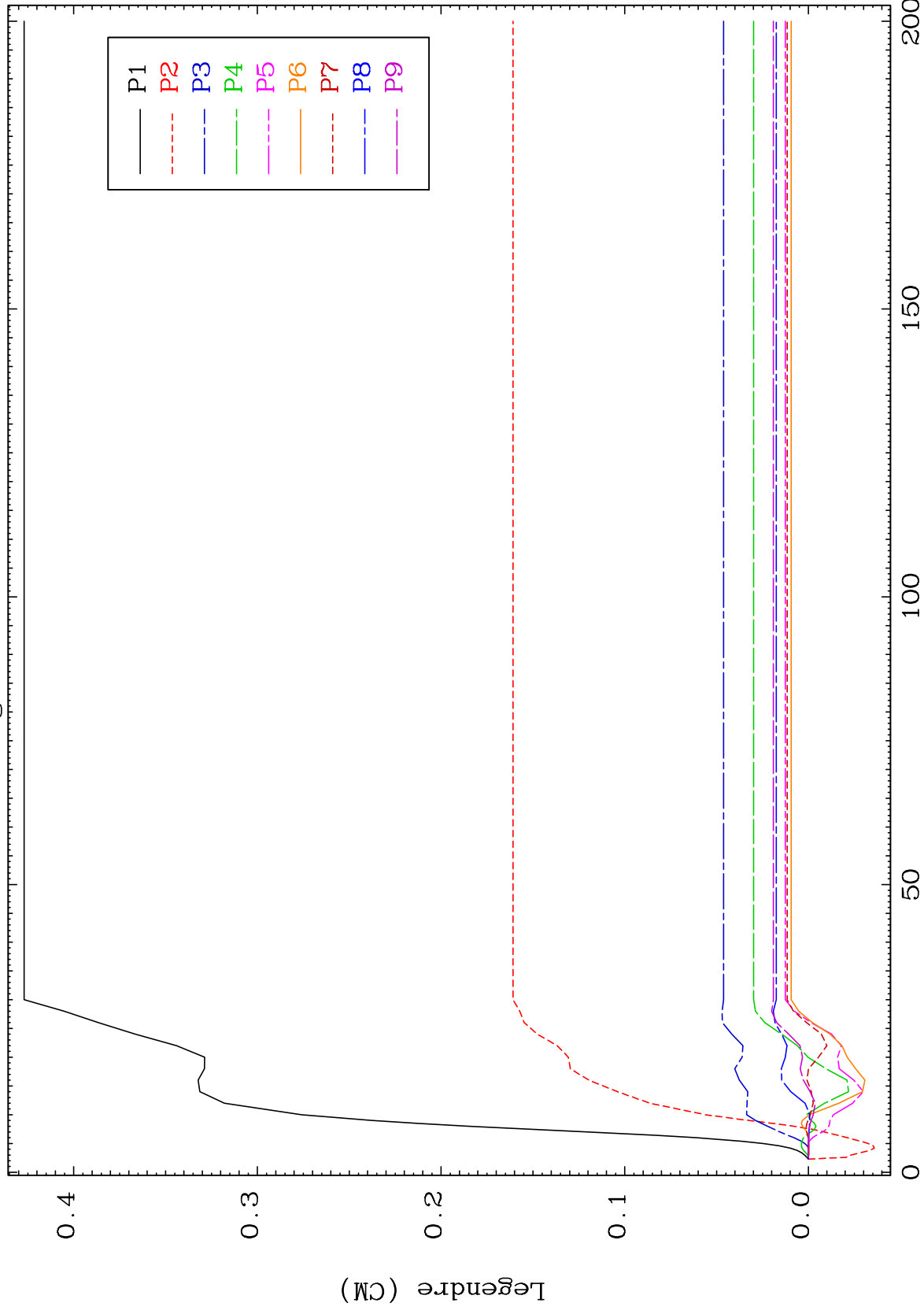
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



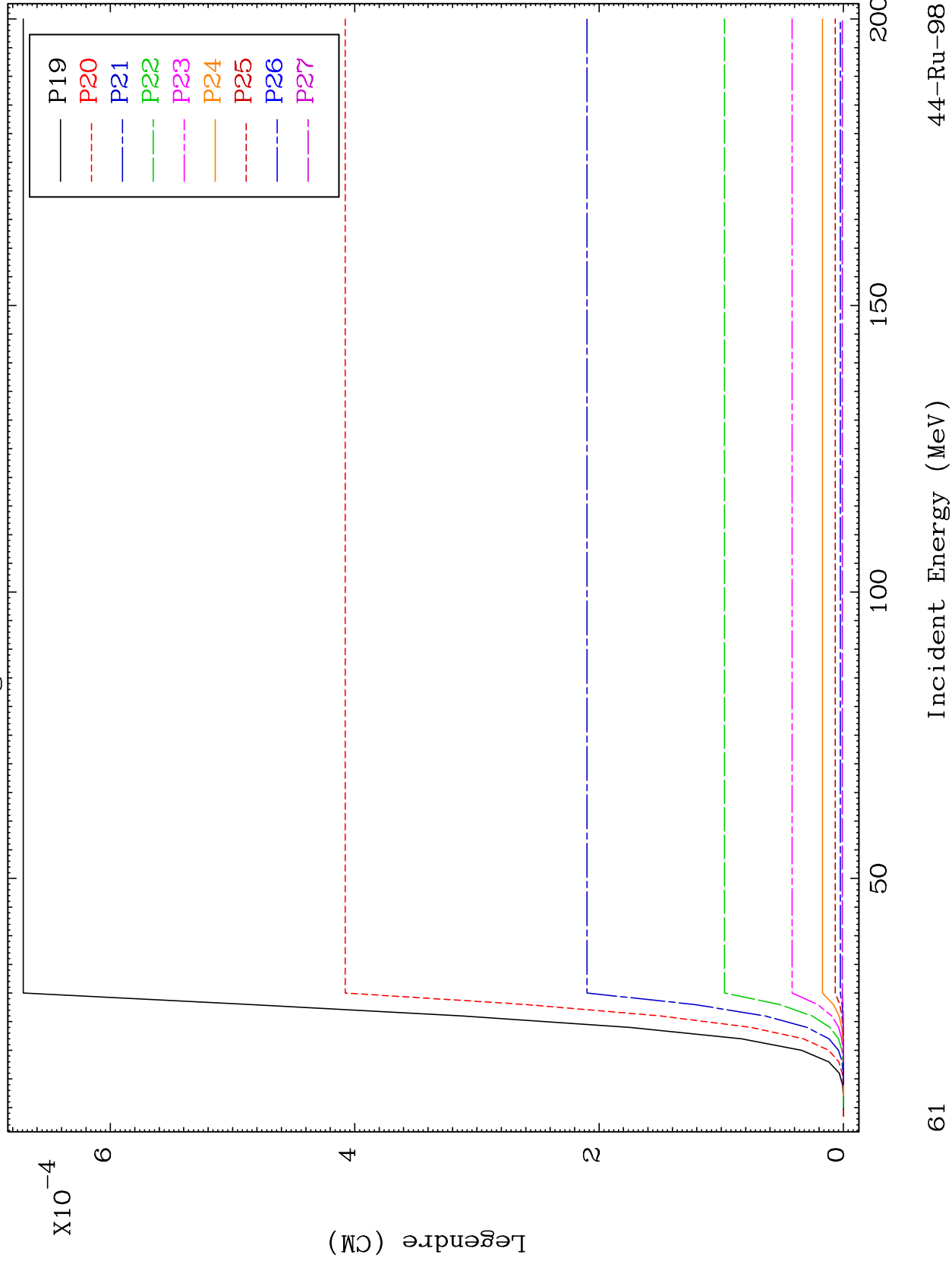
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44-Ru-98

MAT 4431

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

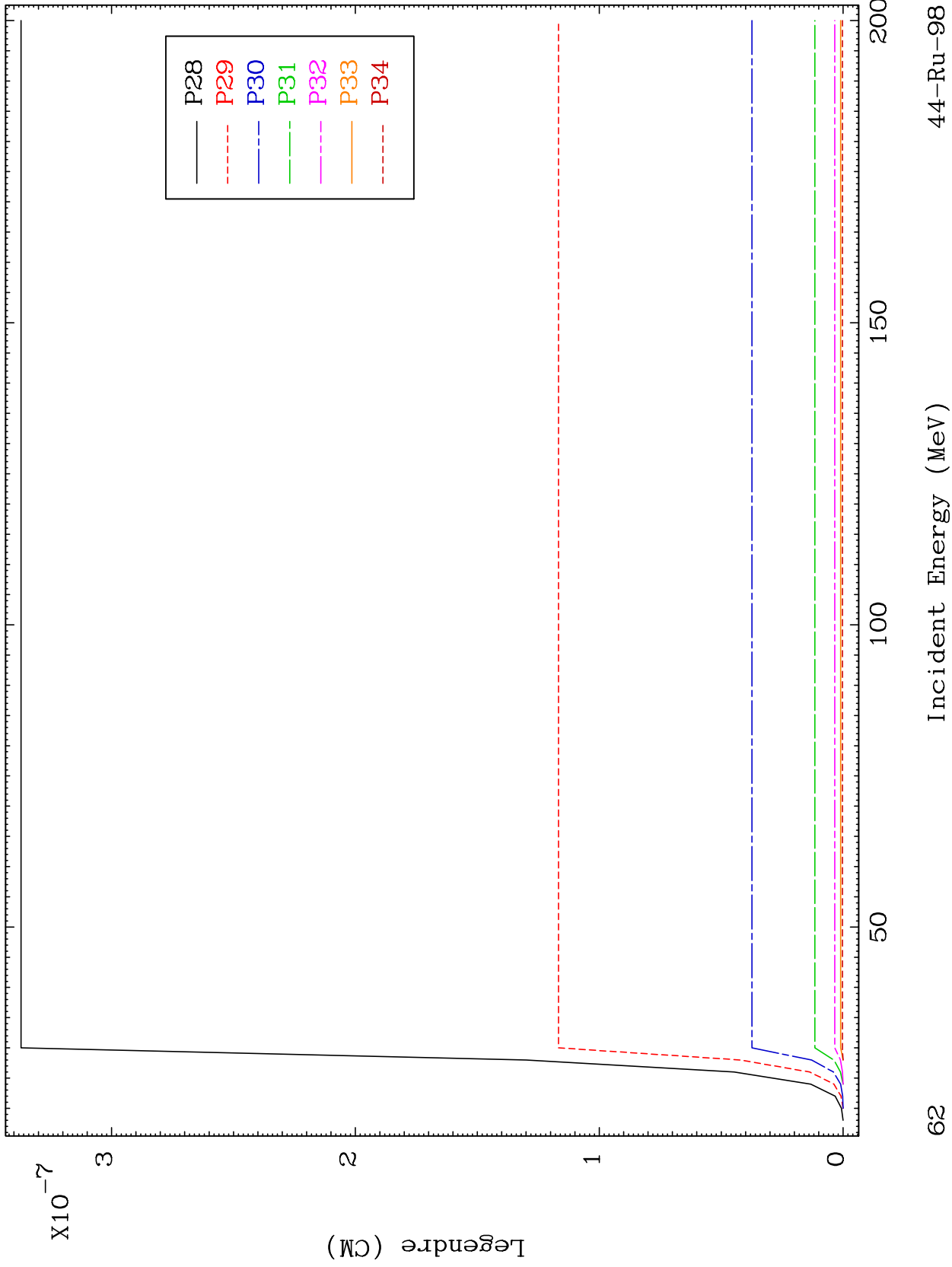
44-Ru-98



MAT 4431

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

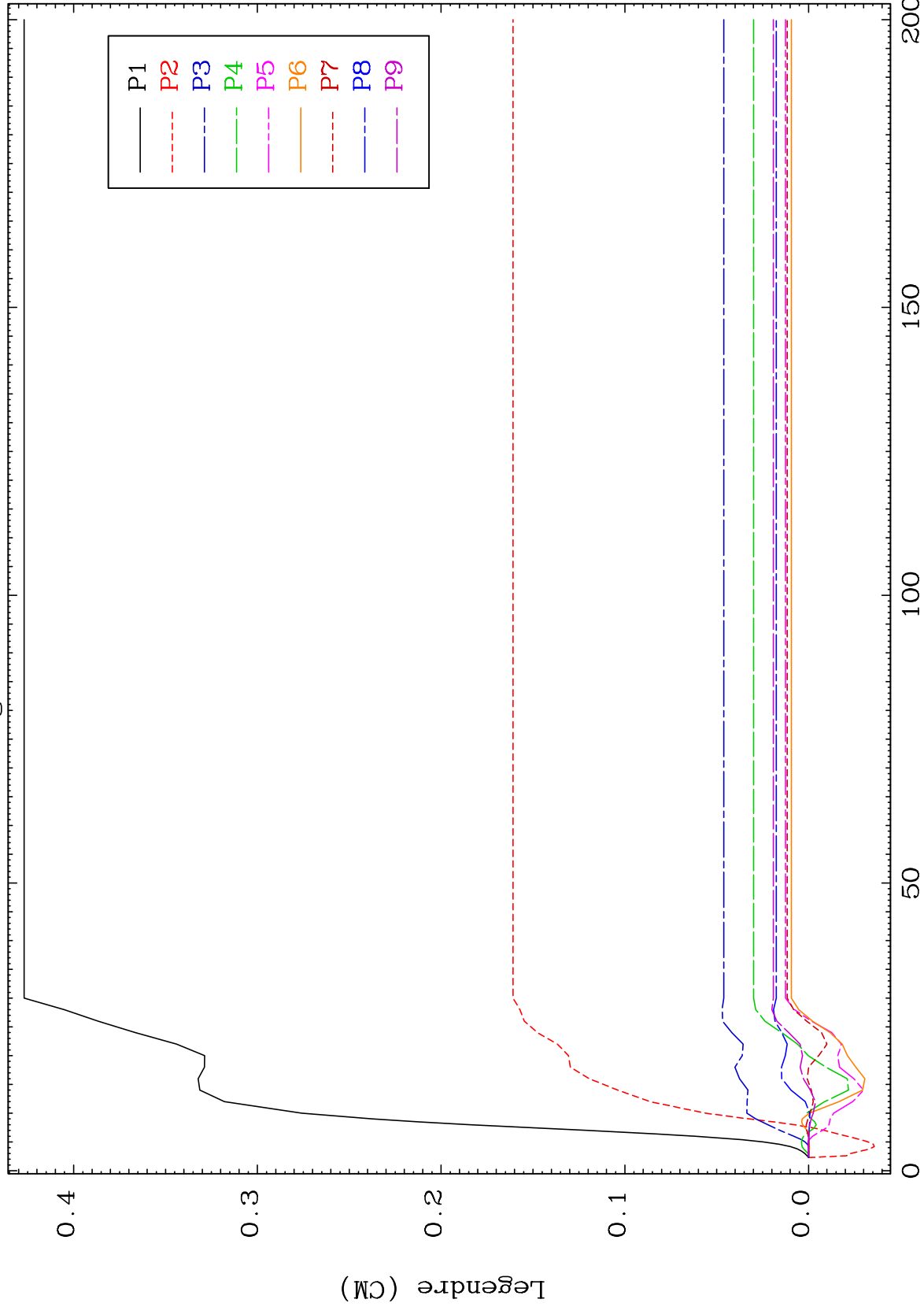
44-Ru-98



MAT 4431

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

44-Ru-98



63

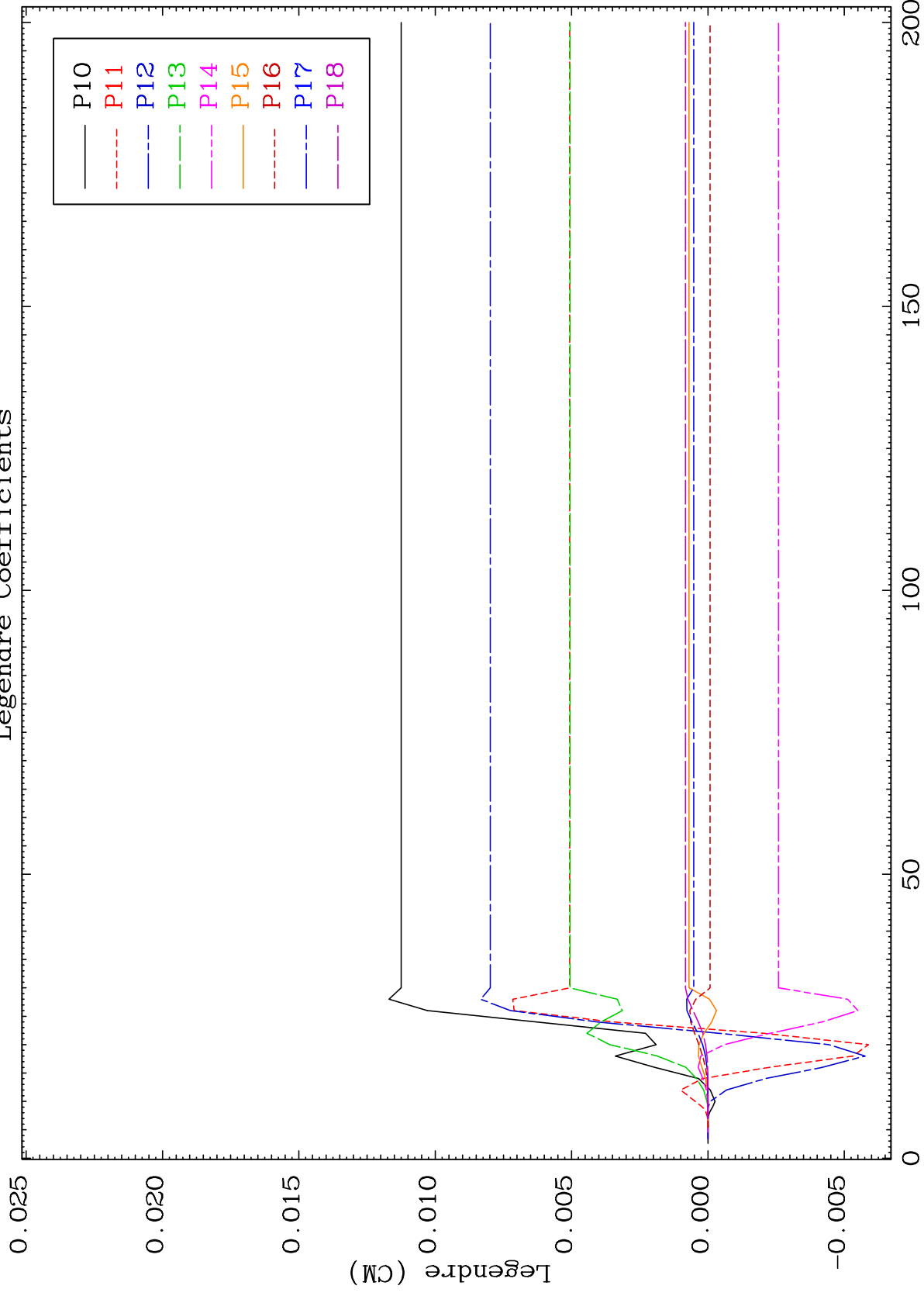
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



64

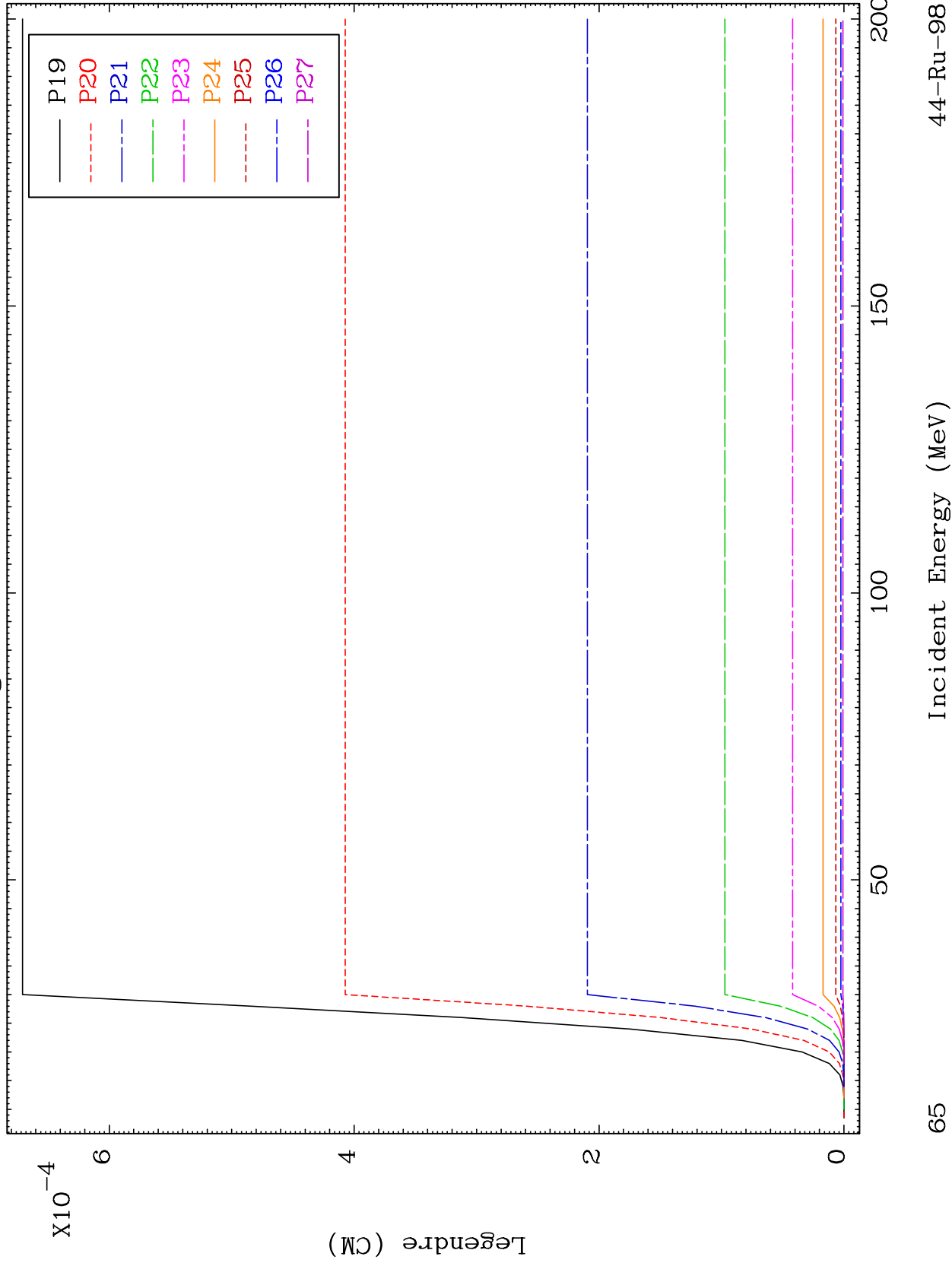
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



65

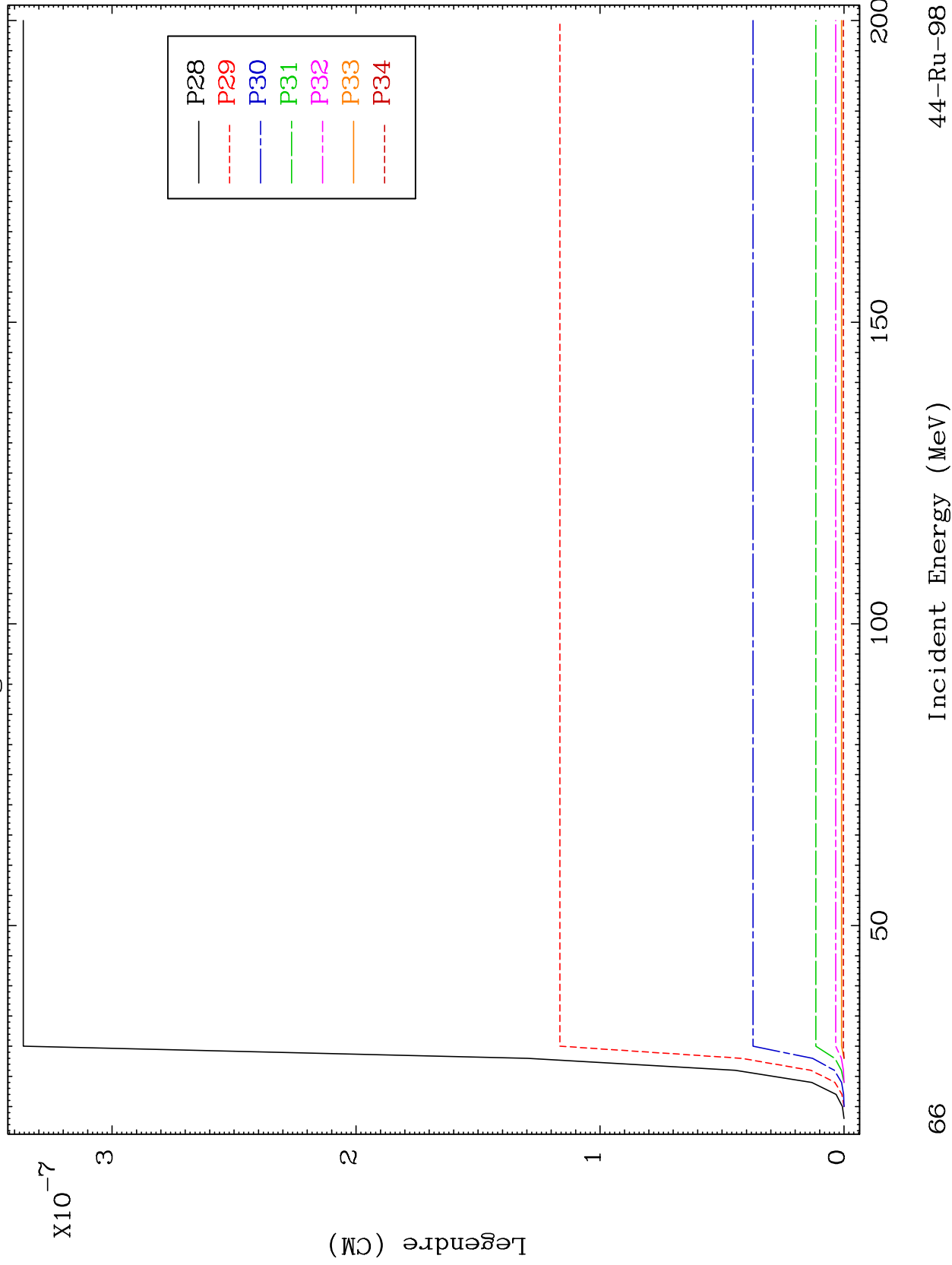
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

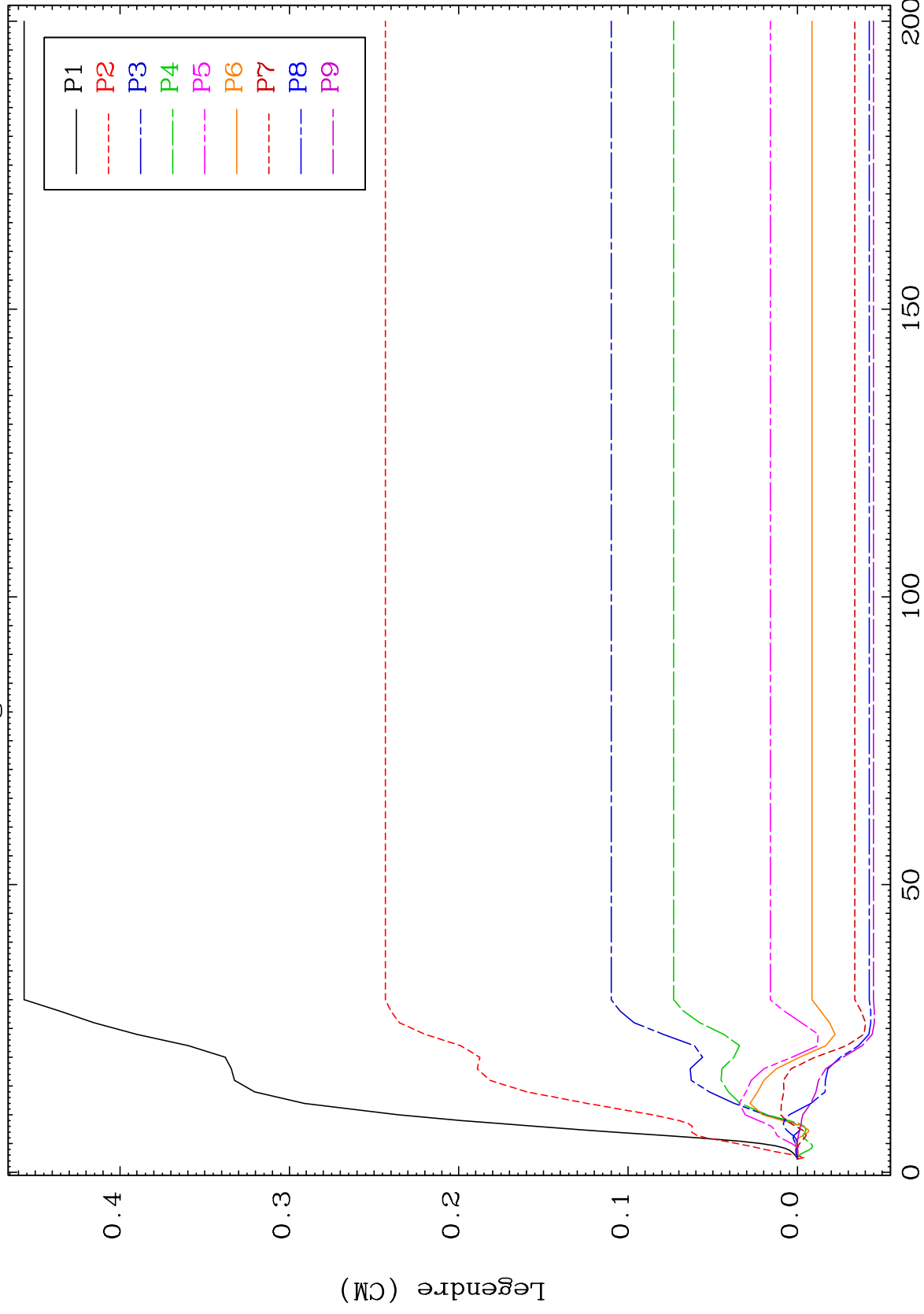
44-Ru-98



MAT 4431

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

44-Ru-98



67

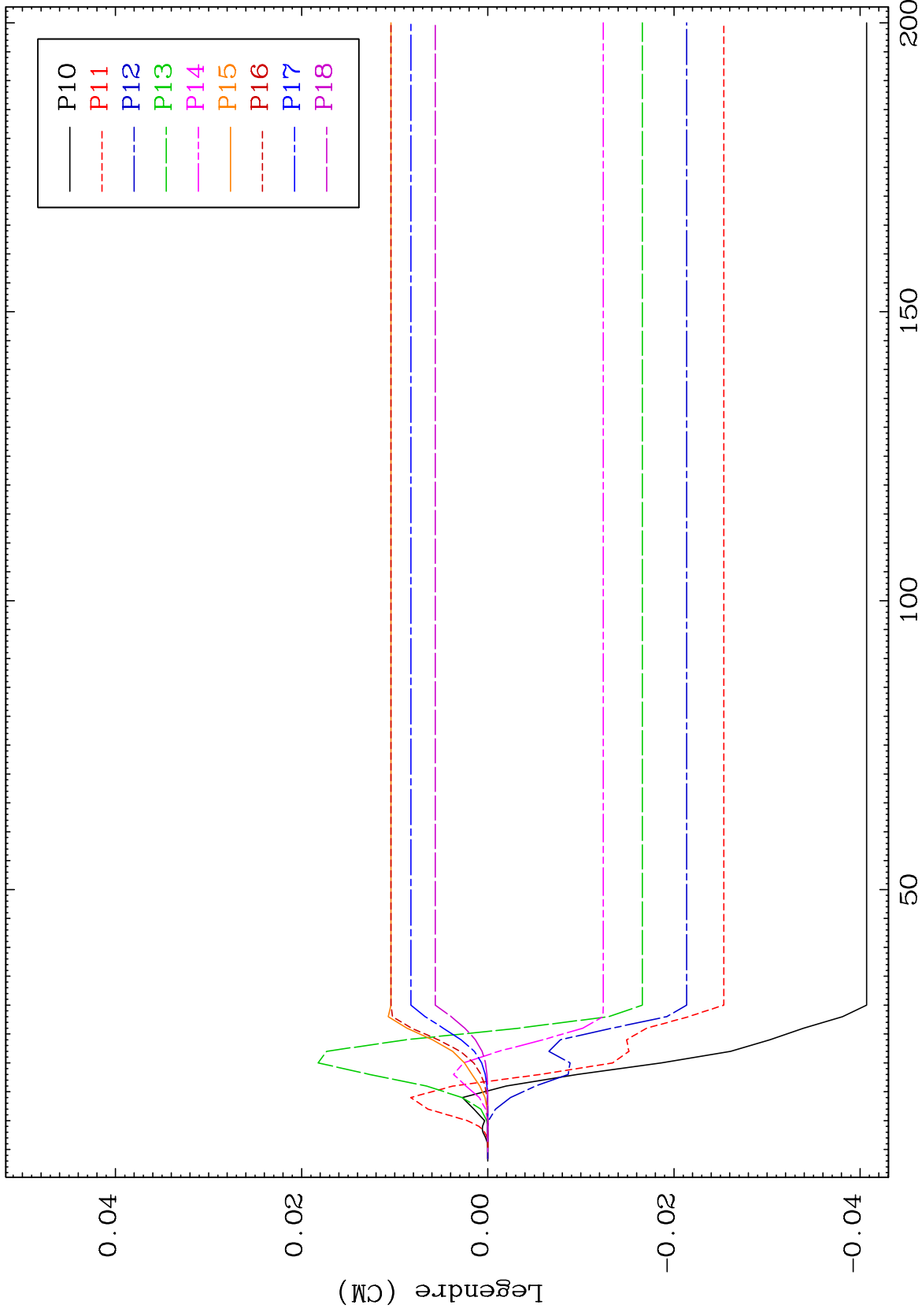
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



68

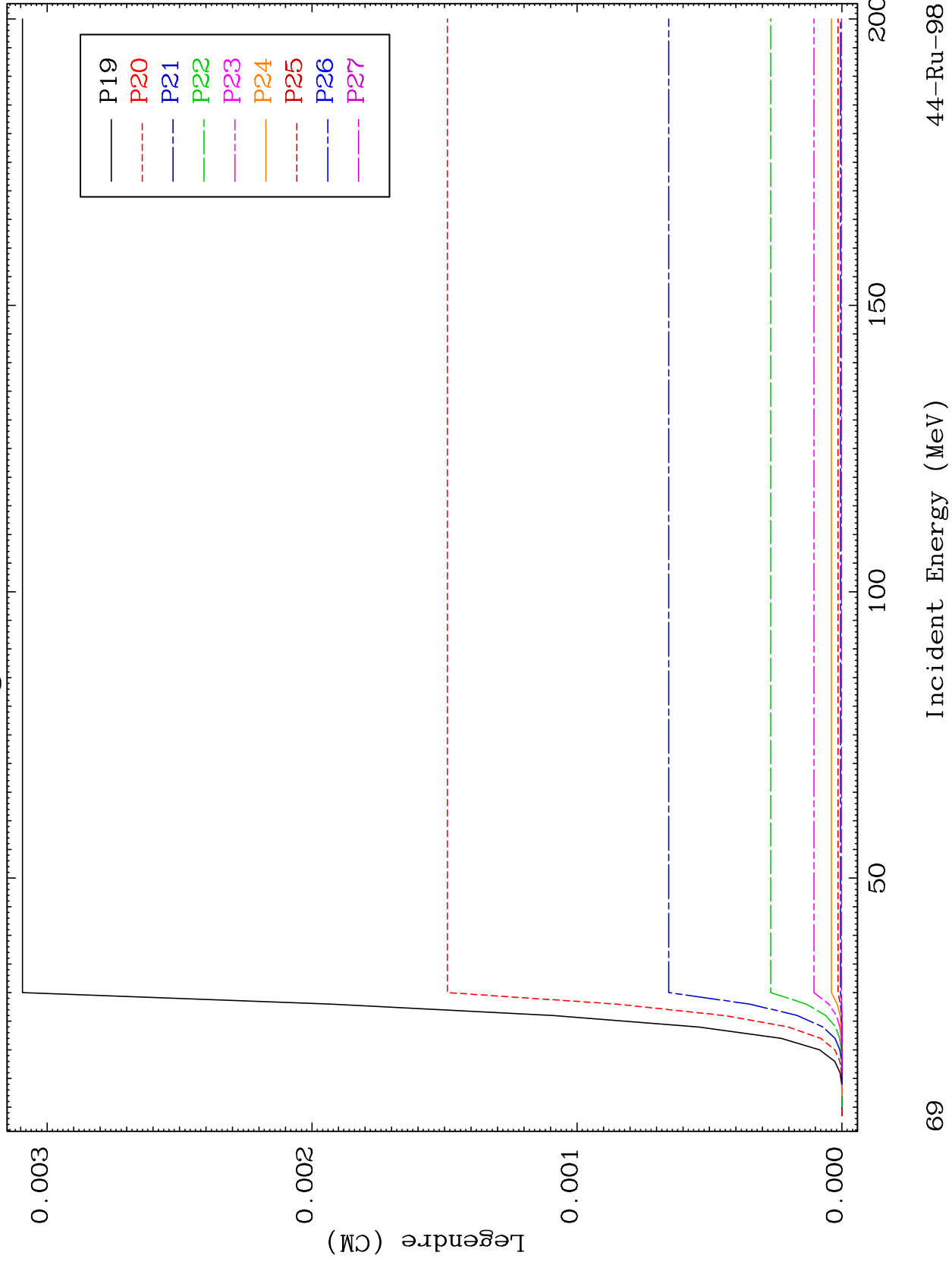
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

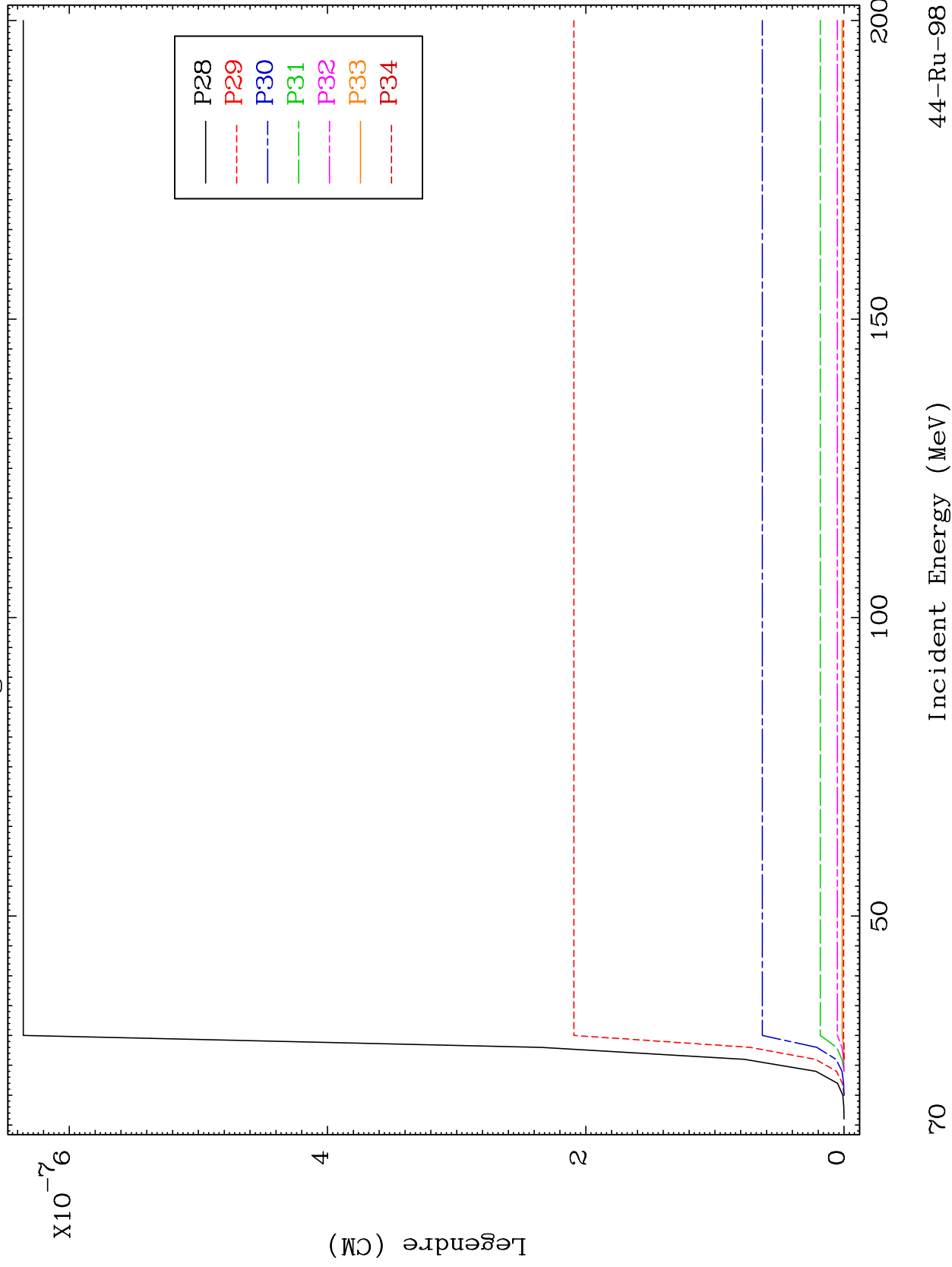
44-Ru-98



MAT 4431

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

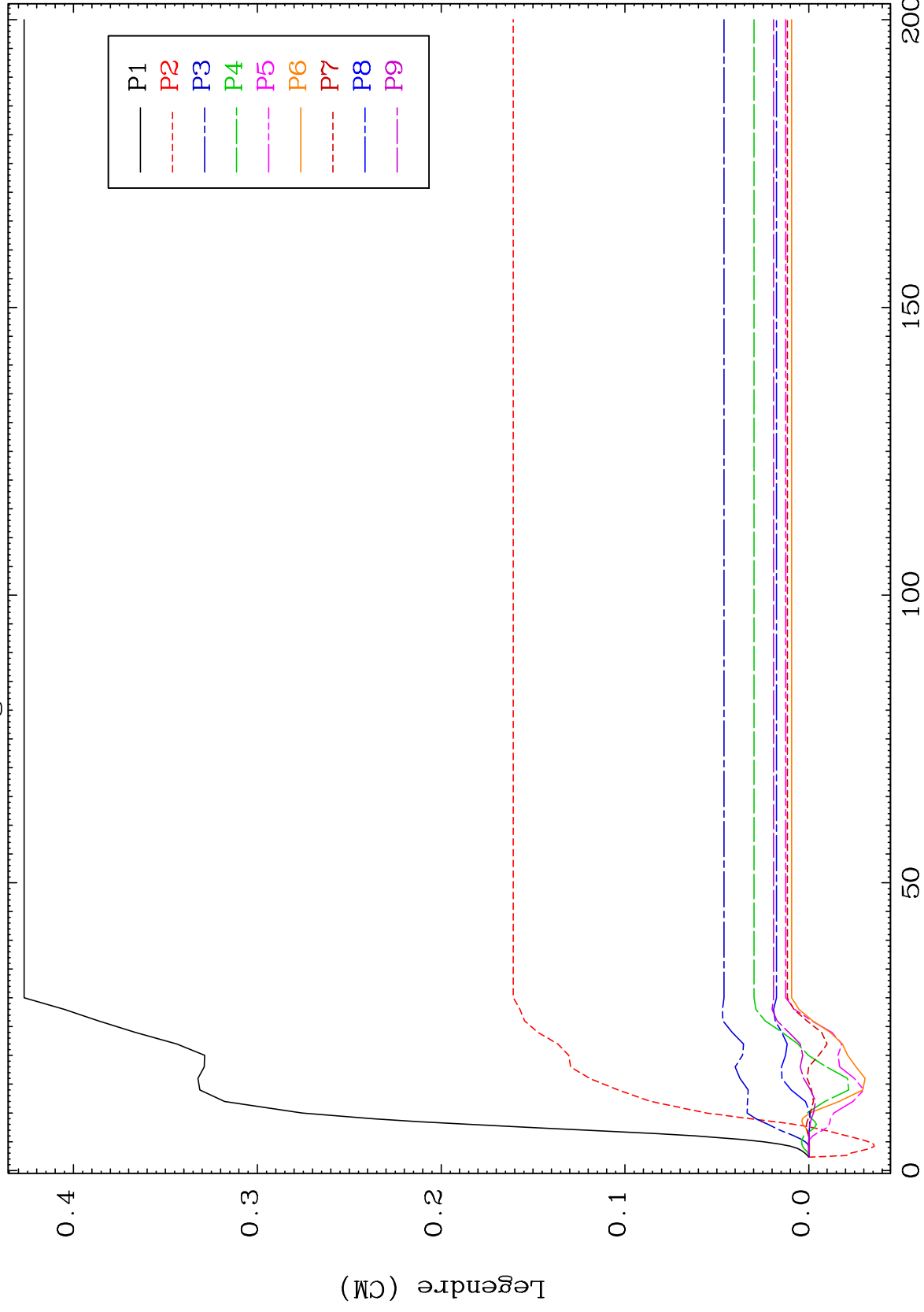
44-Ru-98



MAT 4431

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

44-Ru-98



71

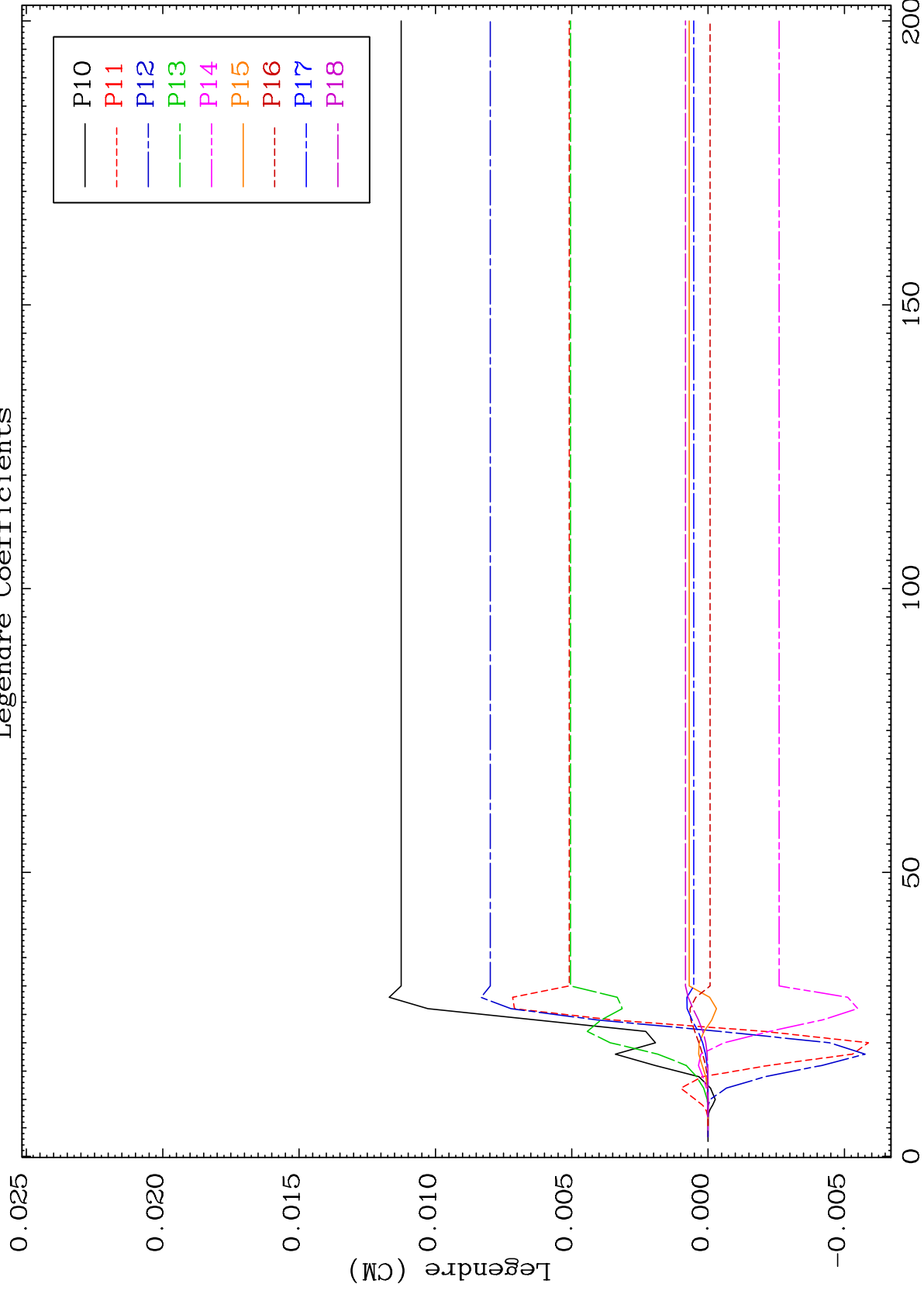
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



72

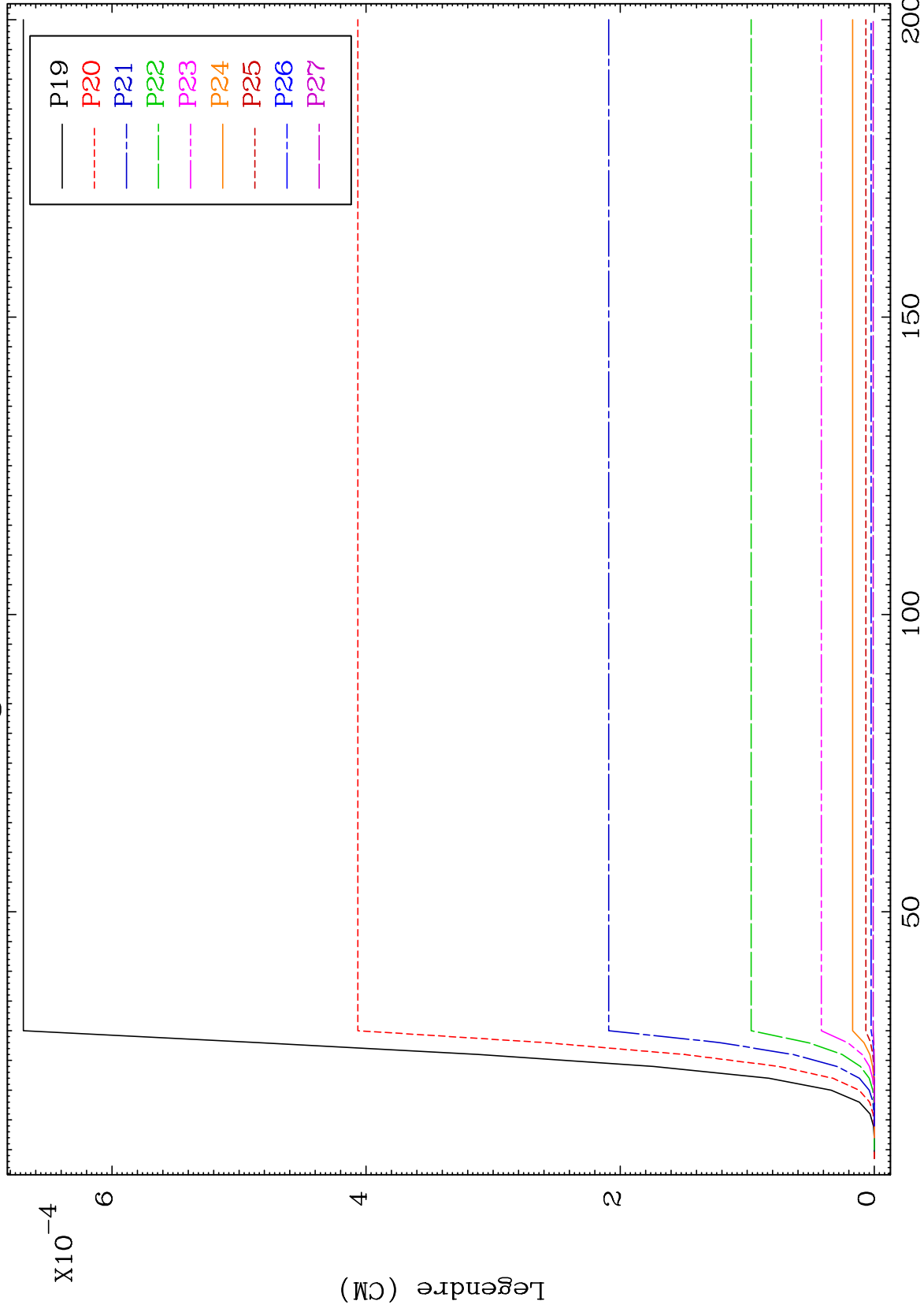
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



73

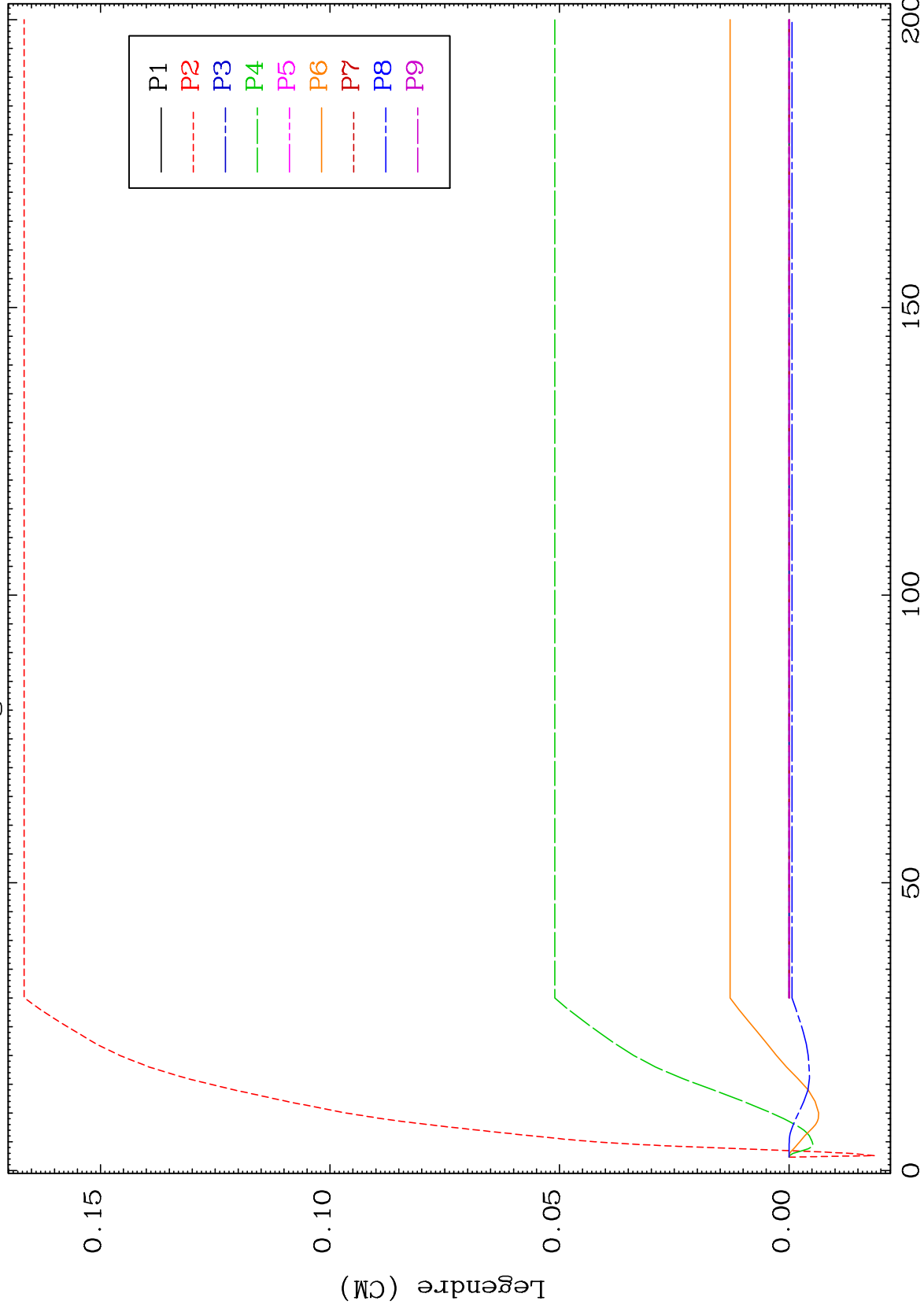
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



75

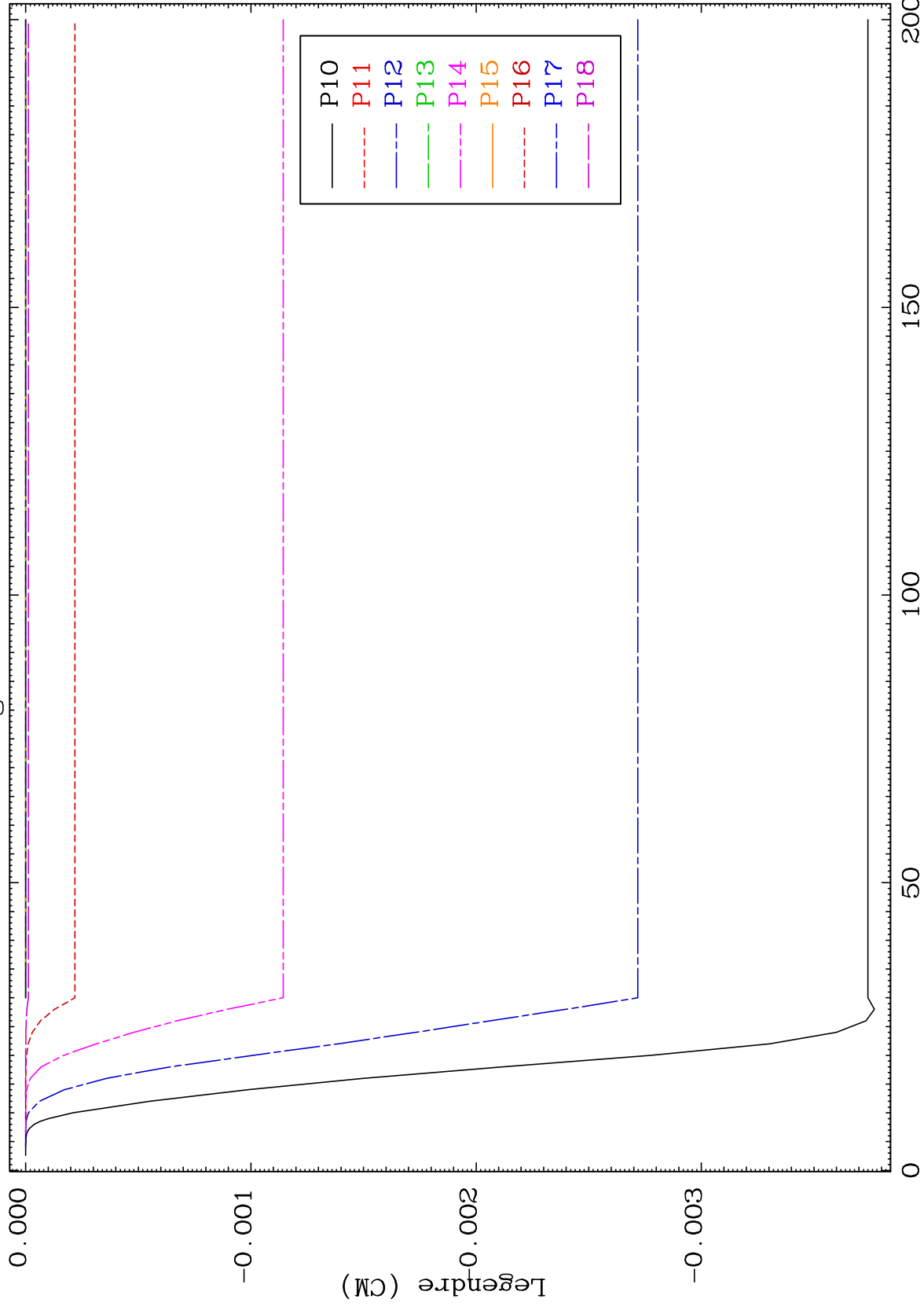
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



76

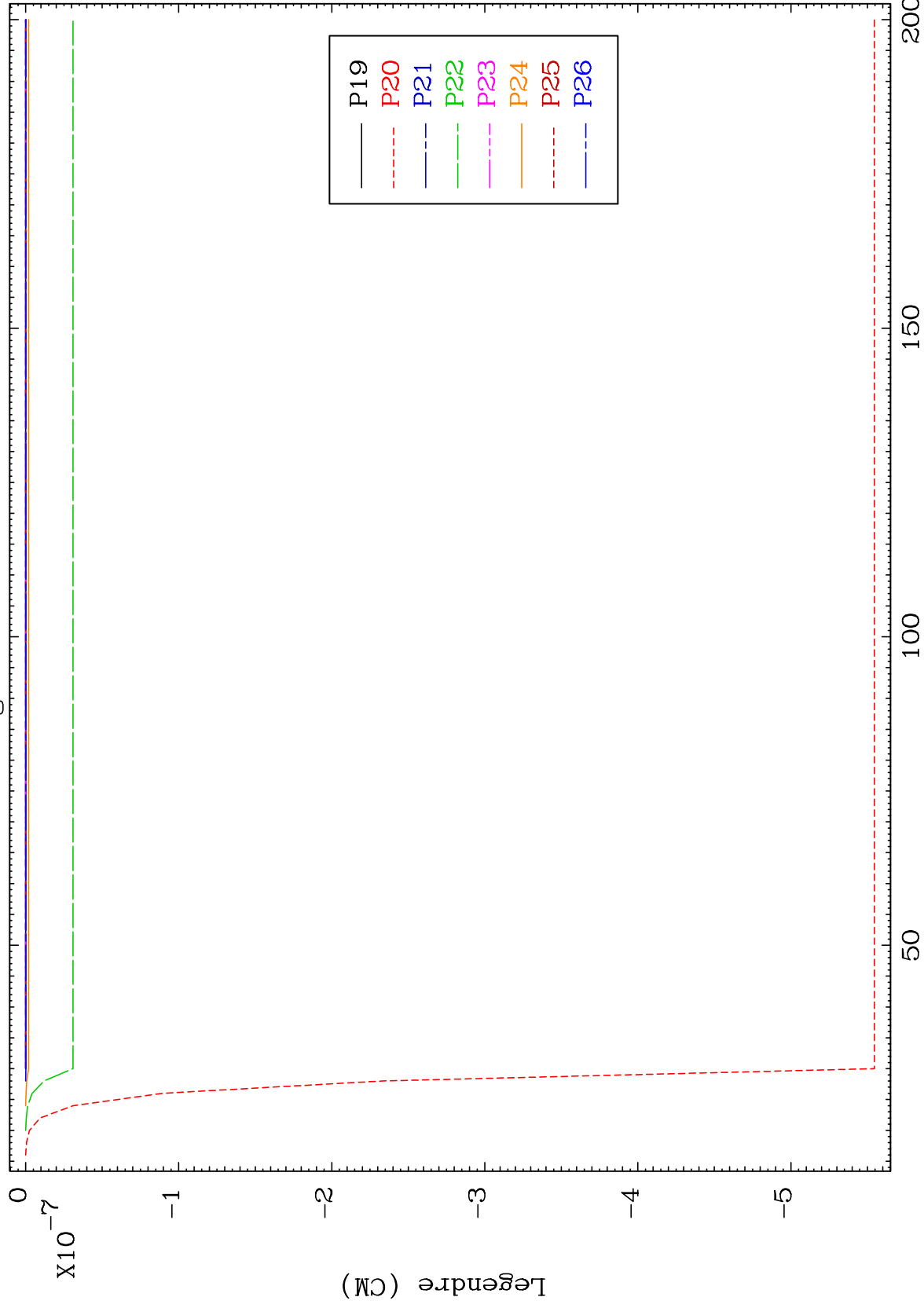
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



77

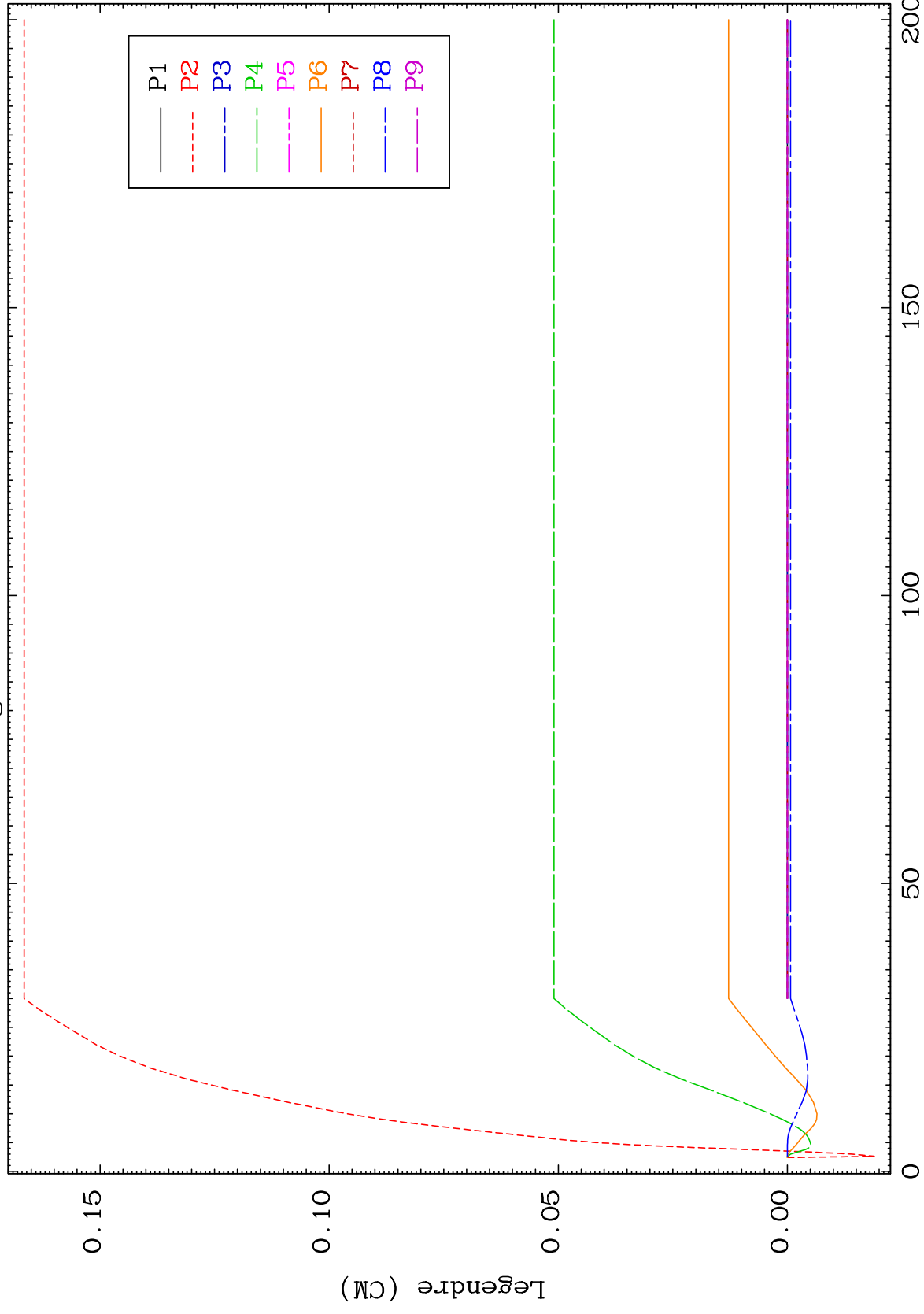
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



78

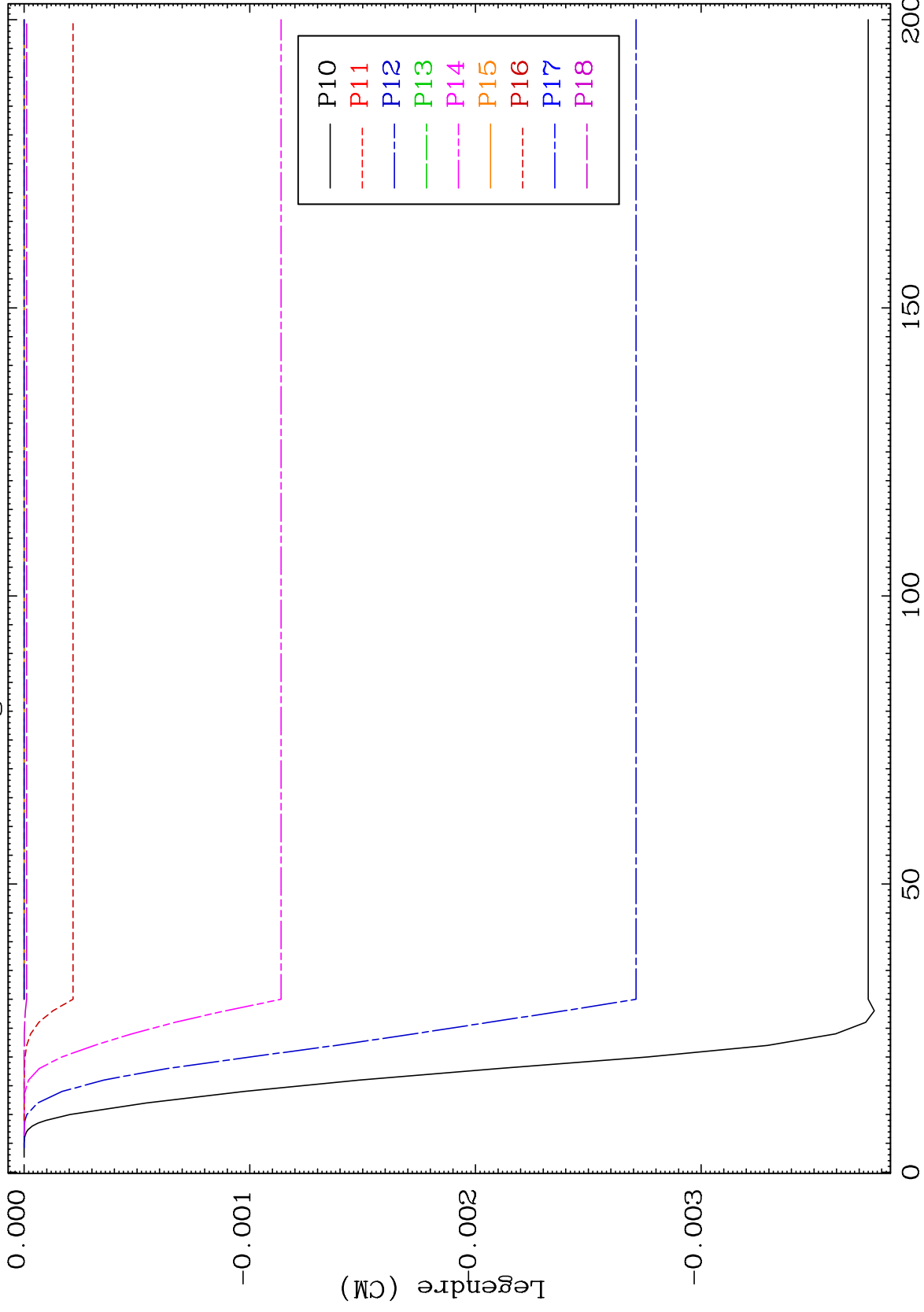
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



79

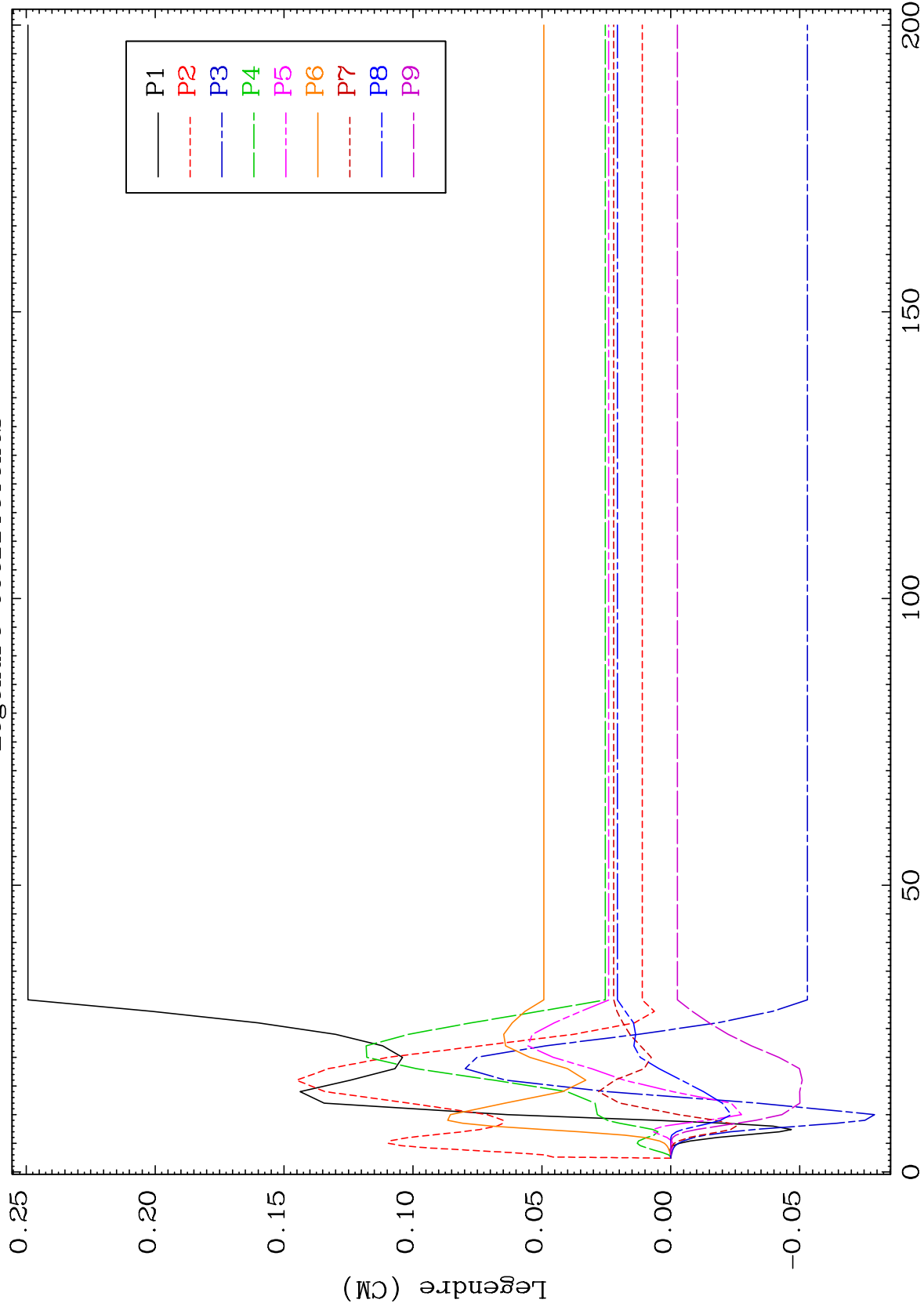
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

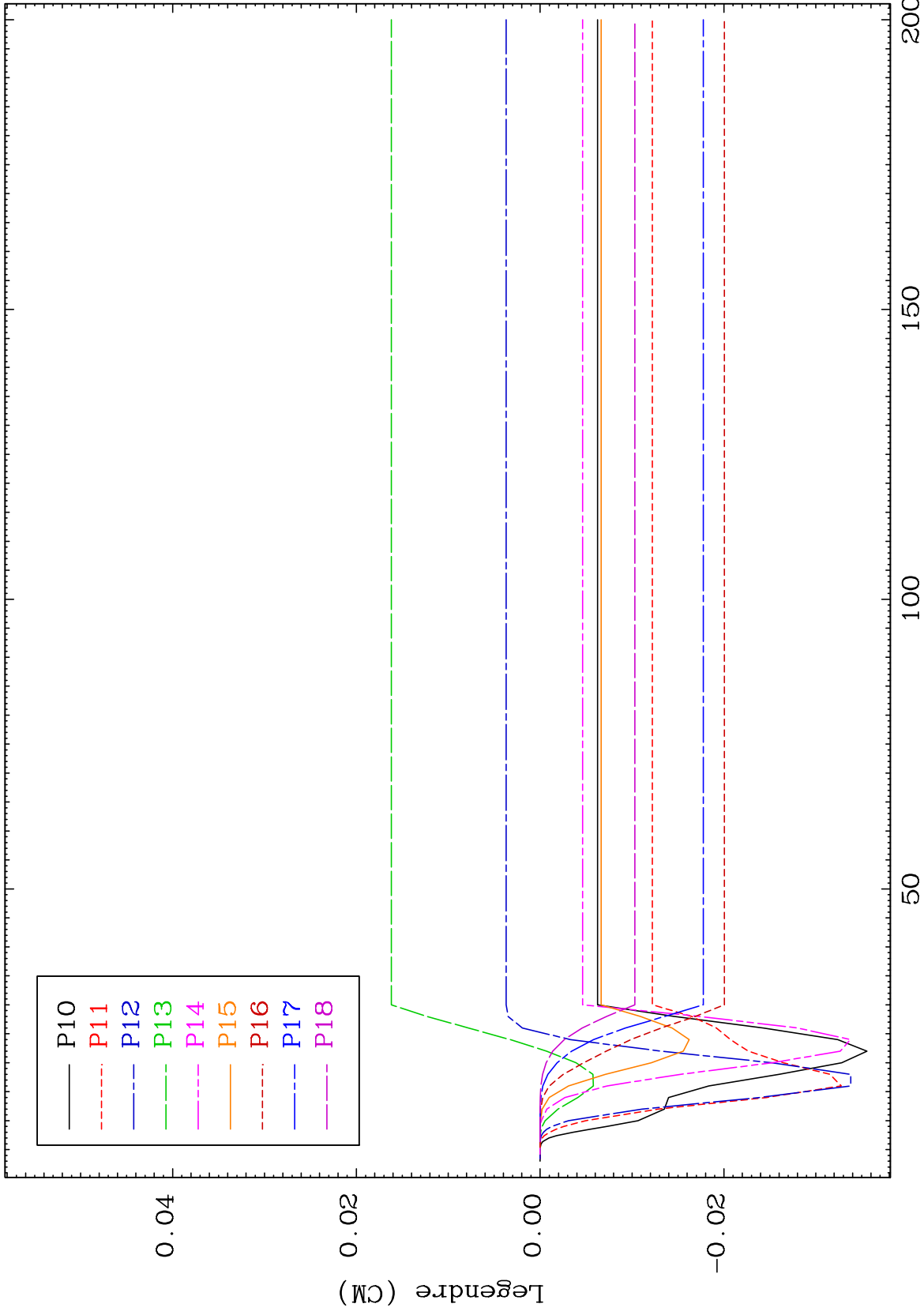
44-Ru-98

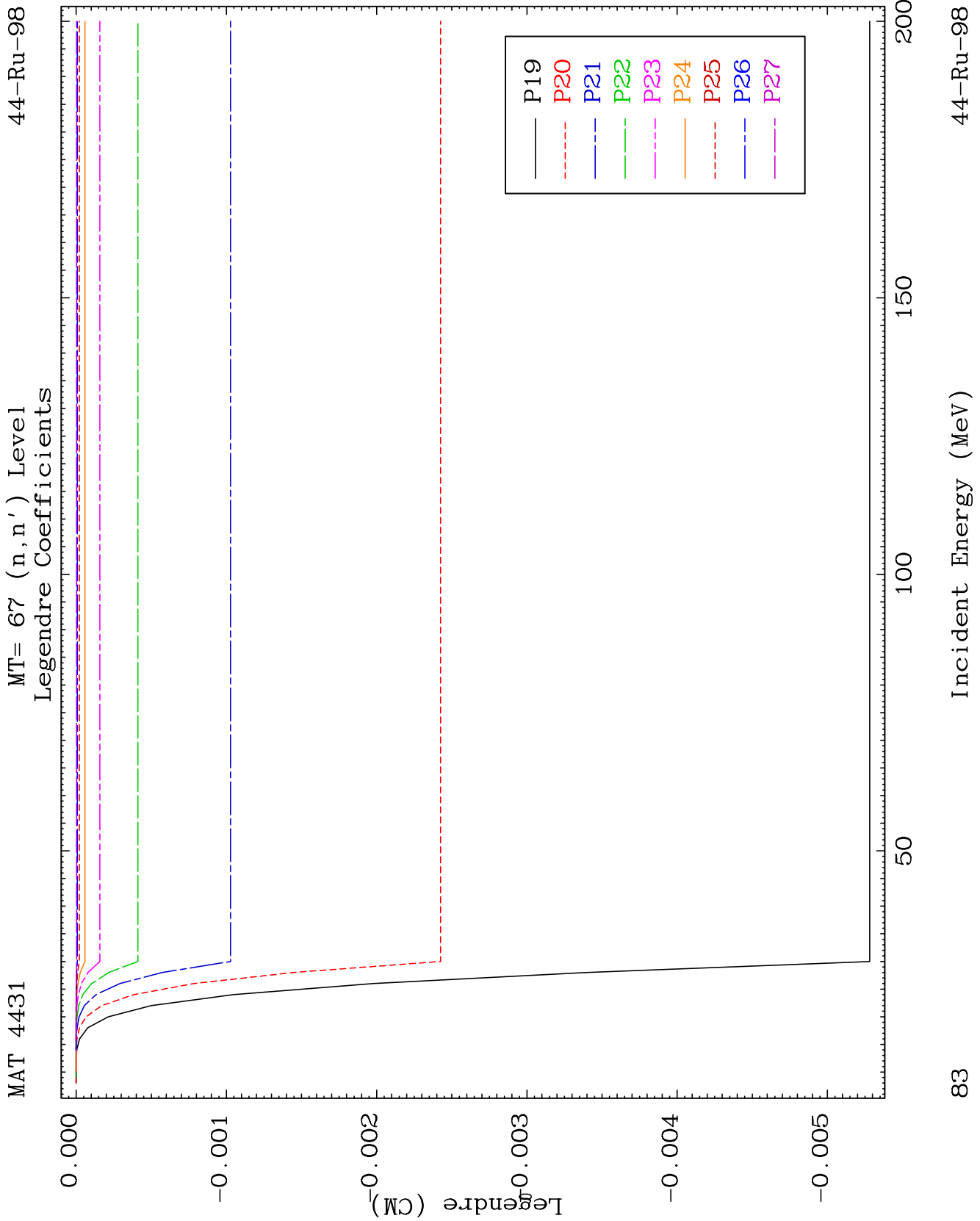


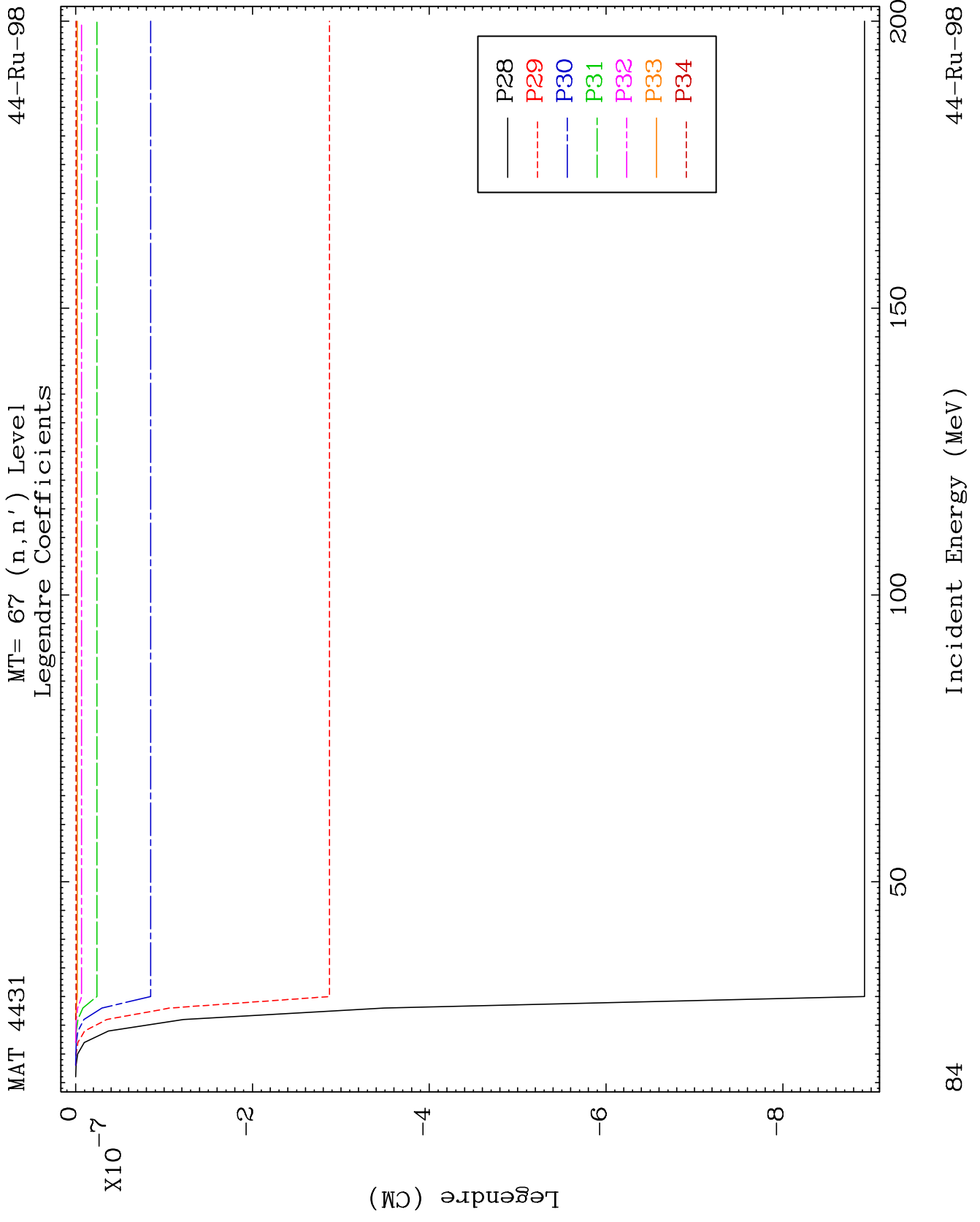
81

Incident Energy (MeV)

44-Ru-98



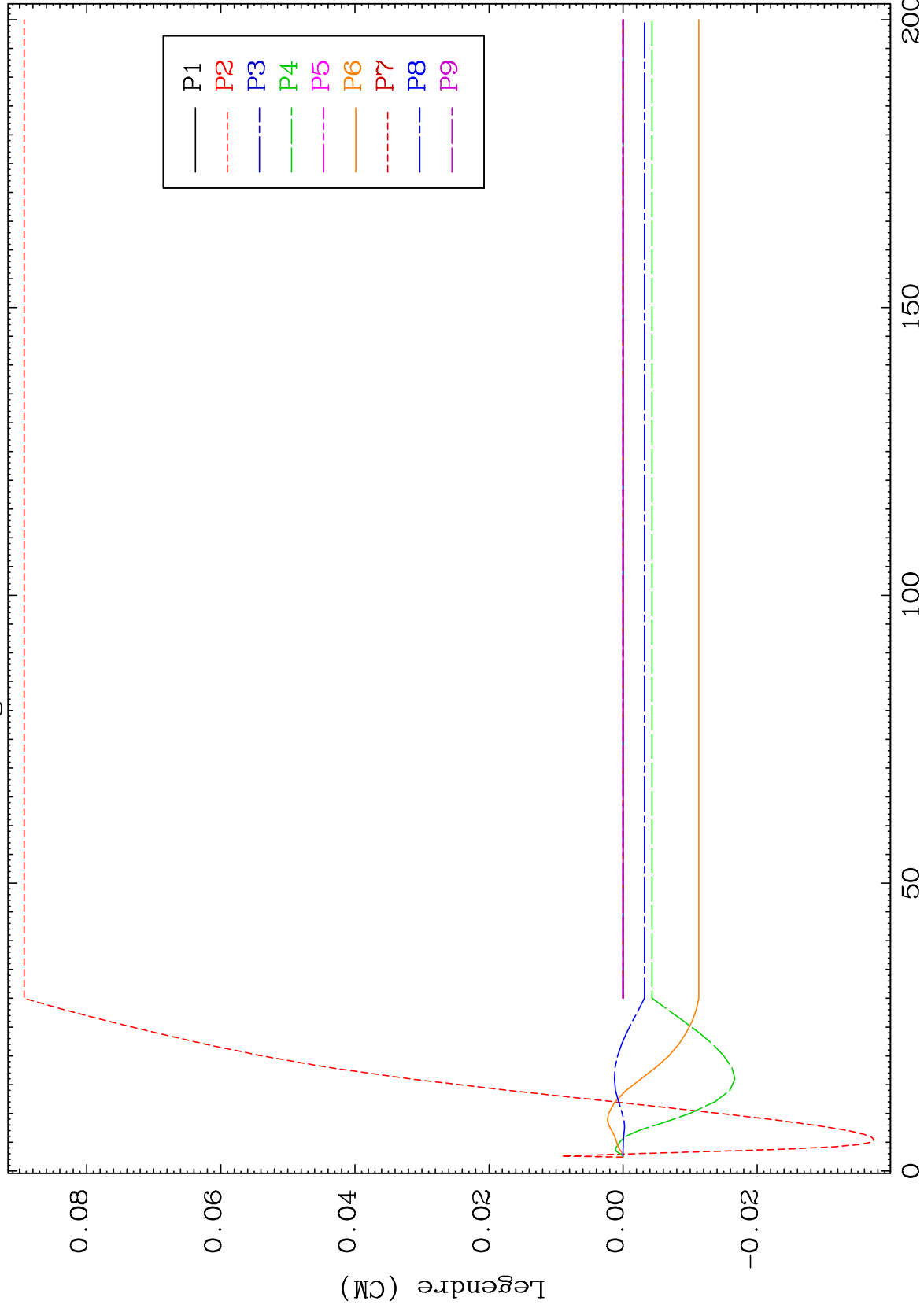




MAT 4431

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

44-Ru-98



85

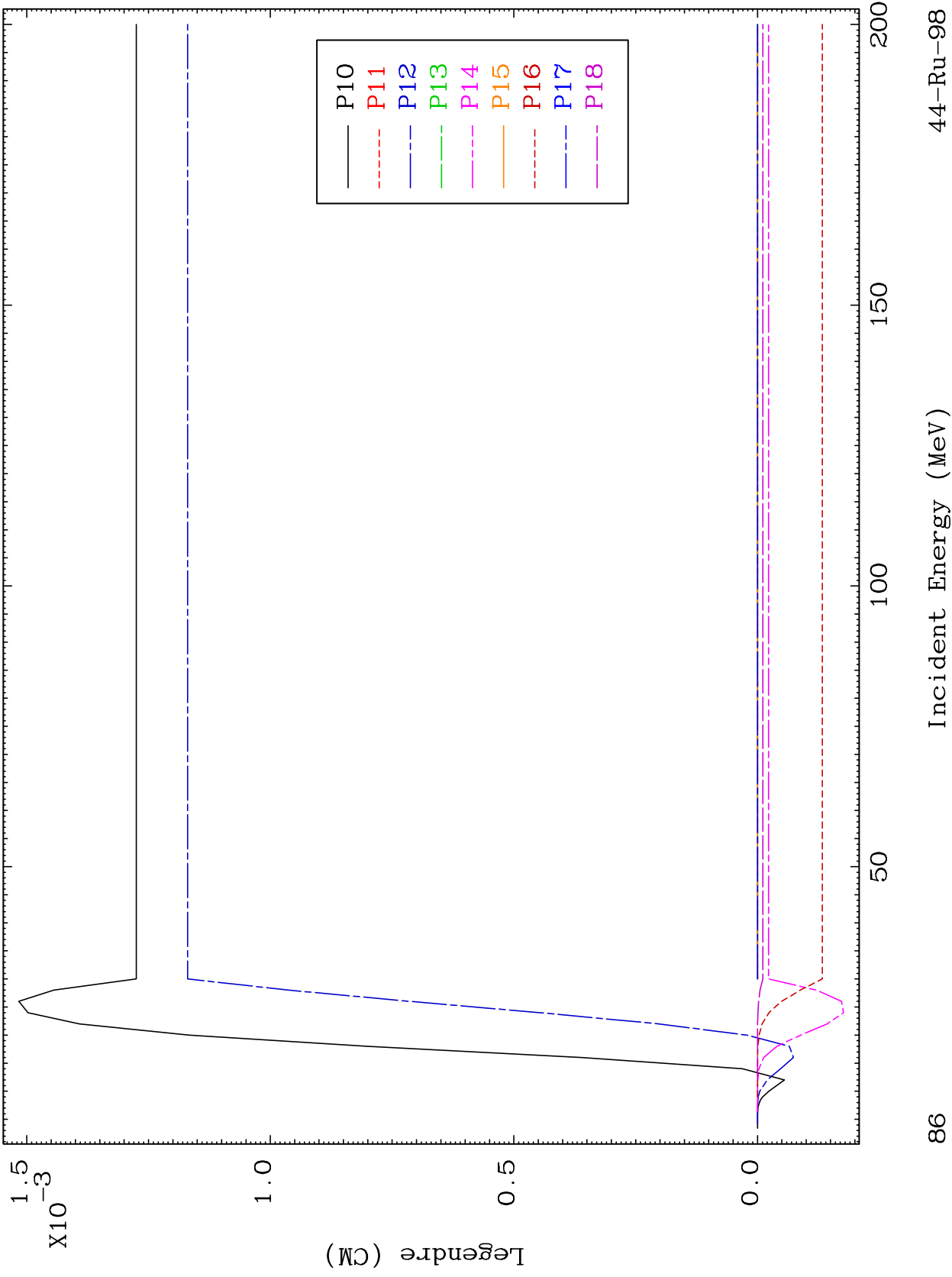
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

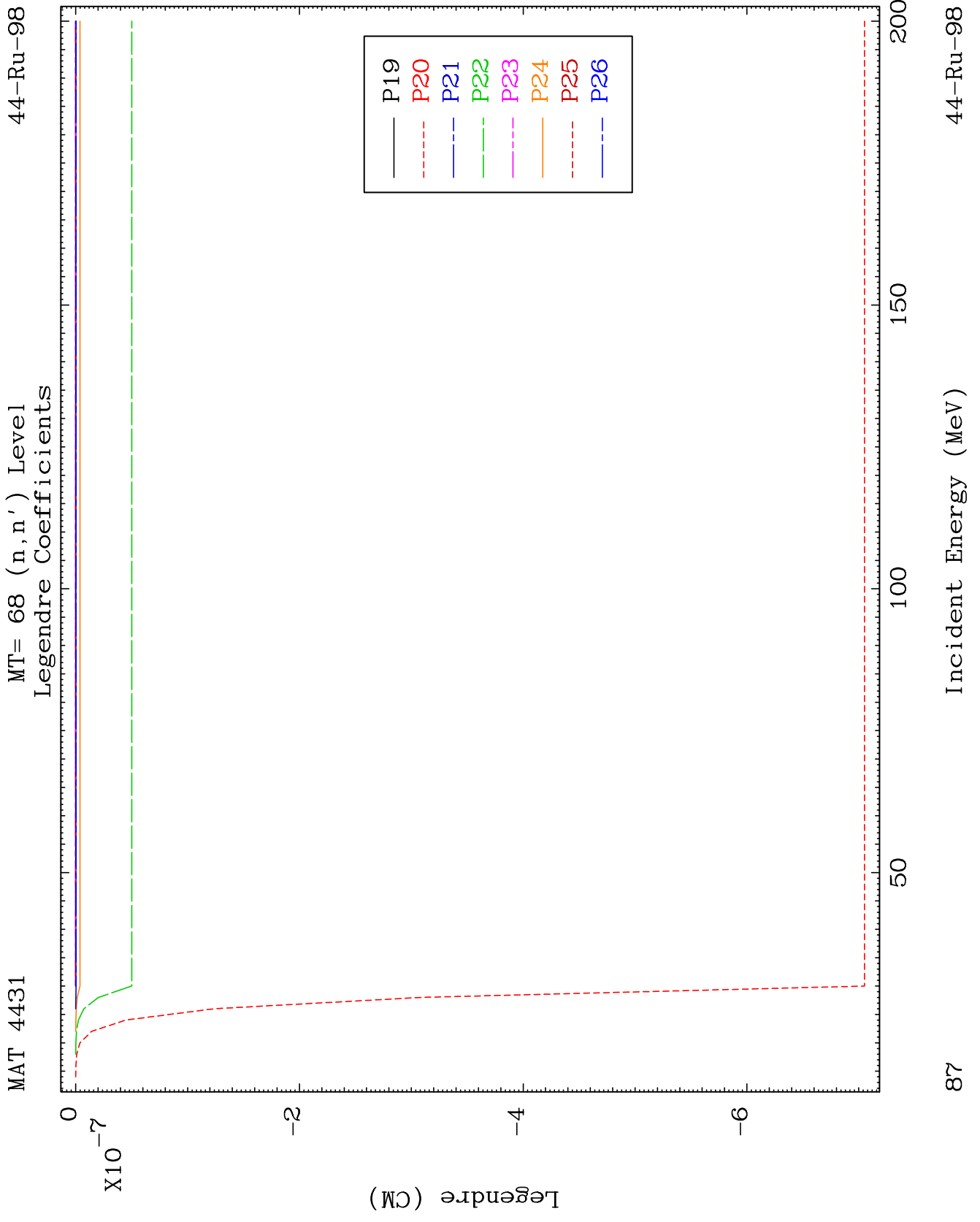
44-Ru-98

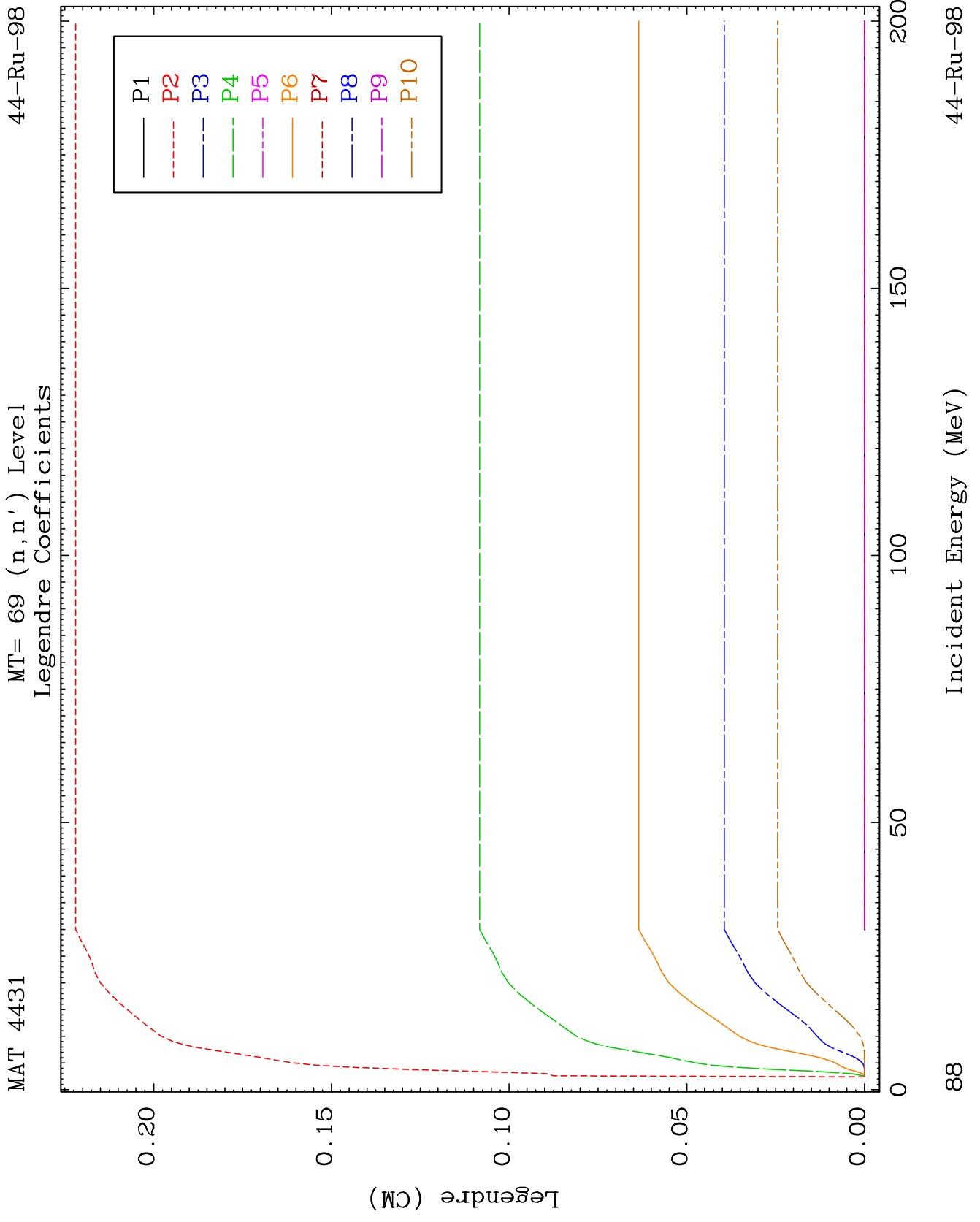


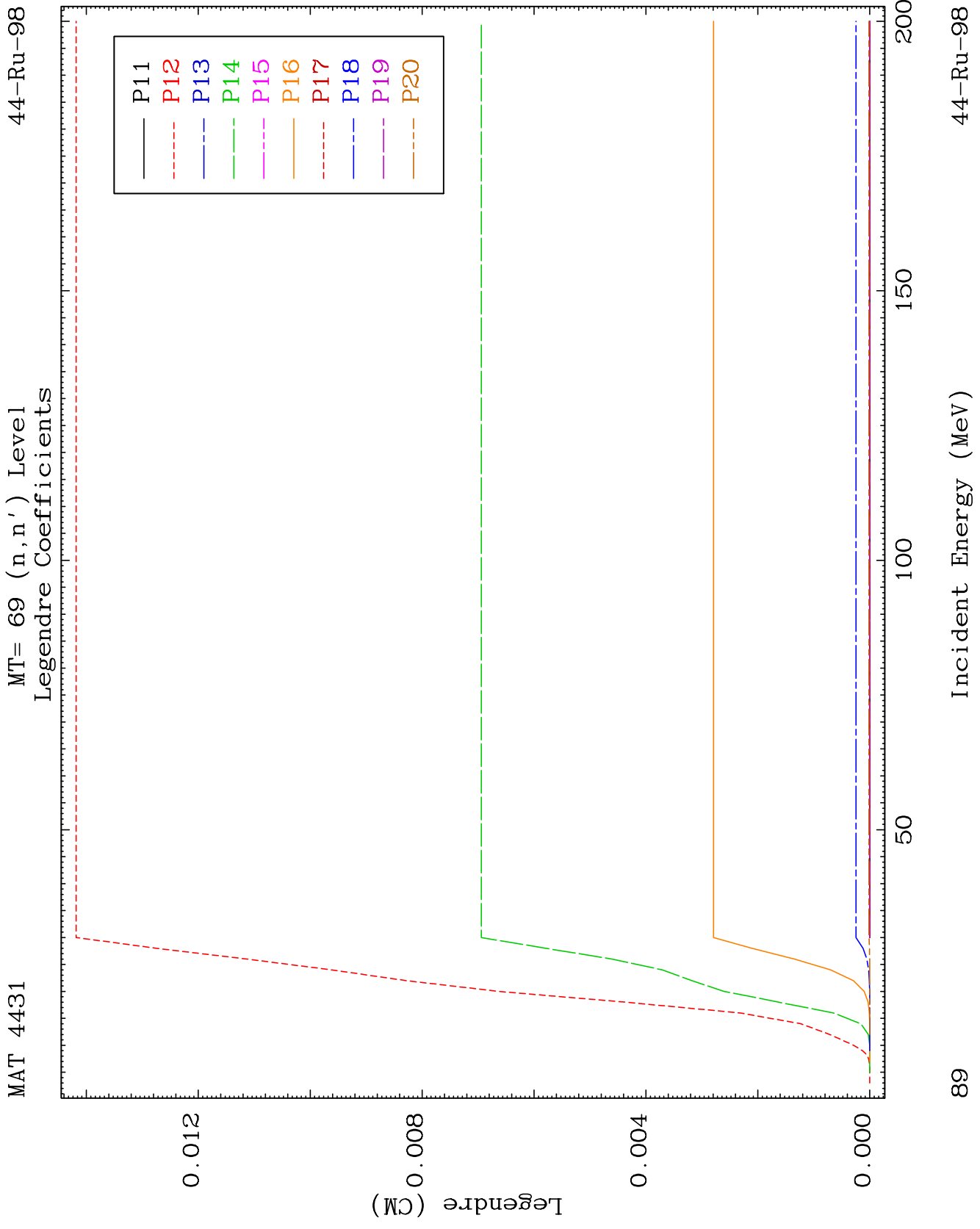
86

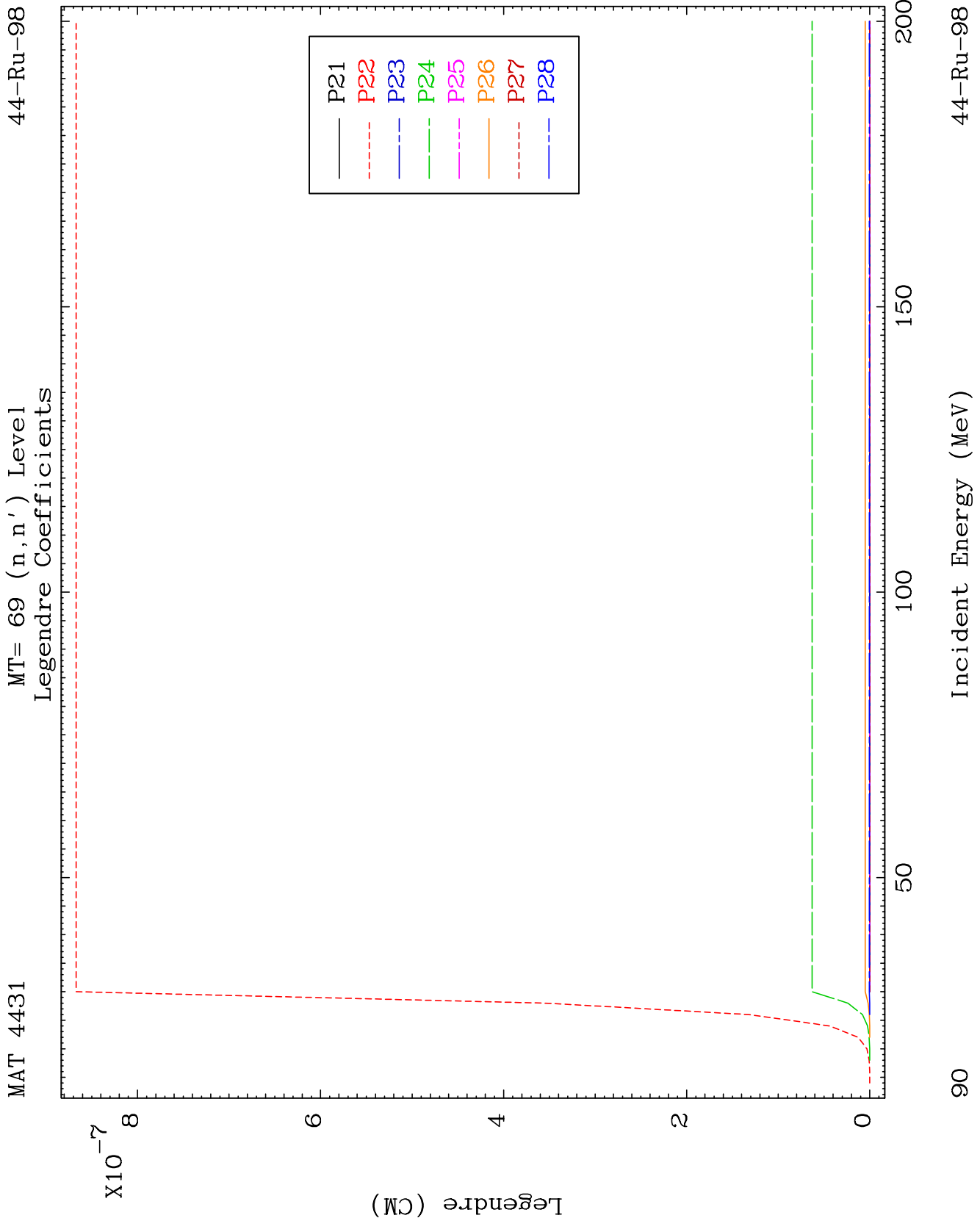
Incident Energy (MeV)

44-Ru-98





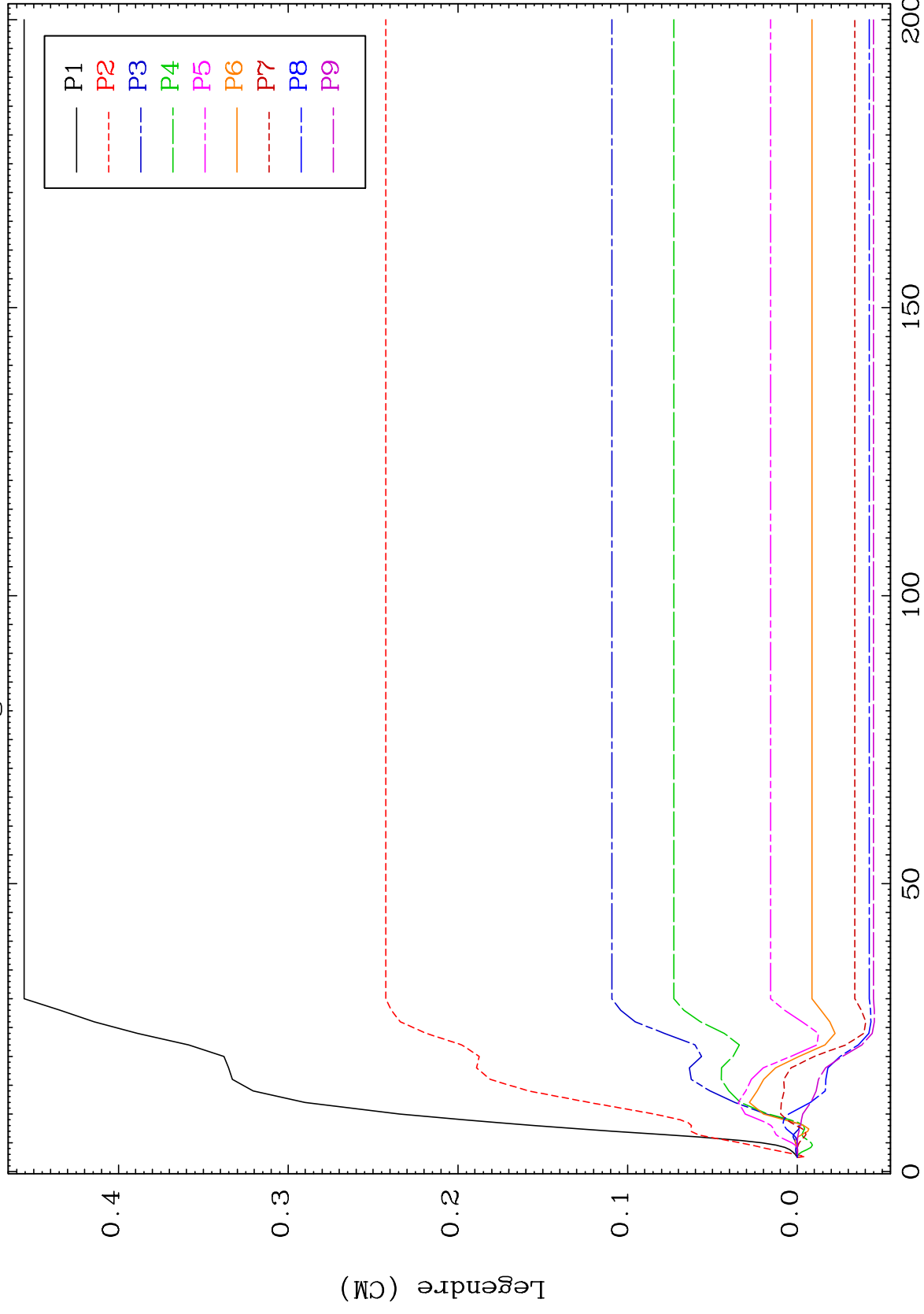




MAT 4431

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

44-Ru-98



91

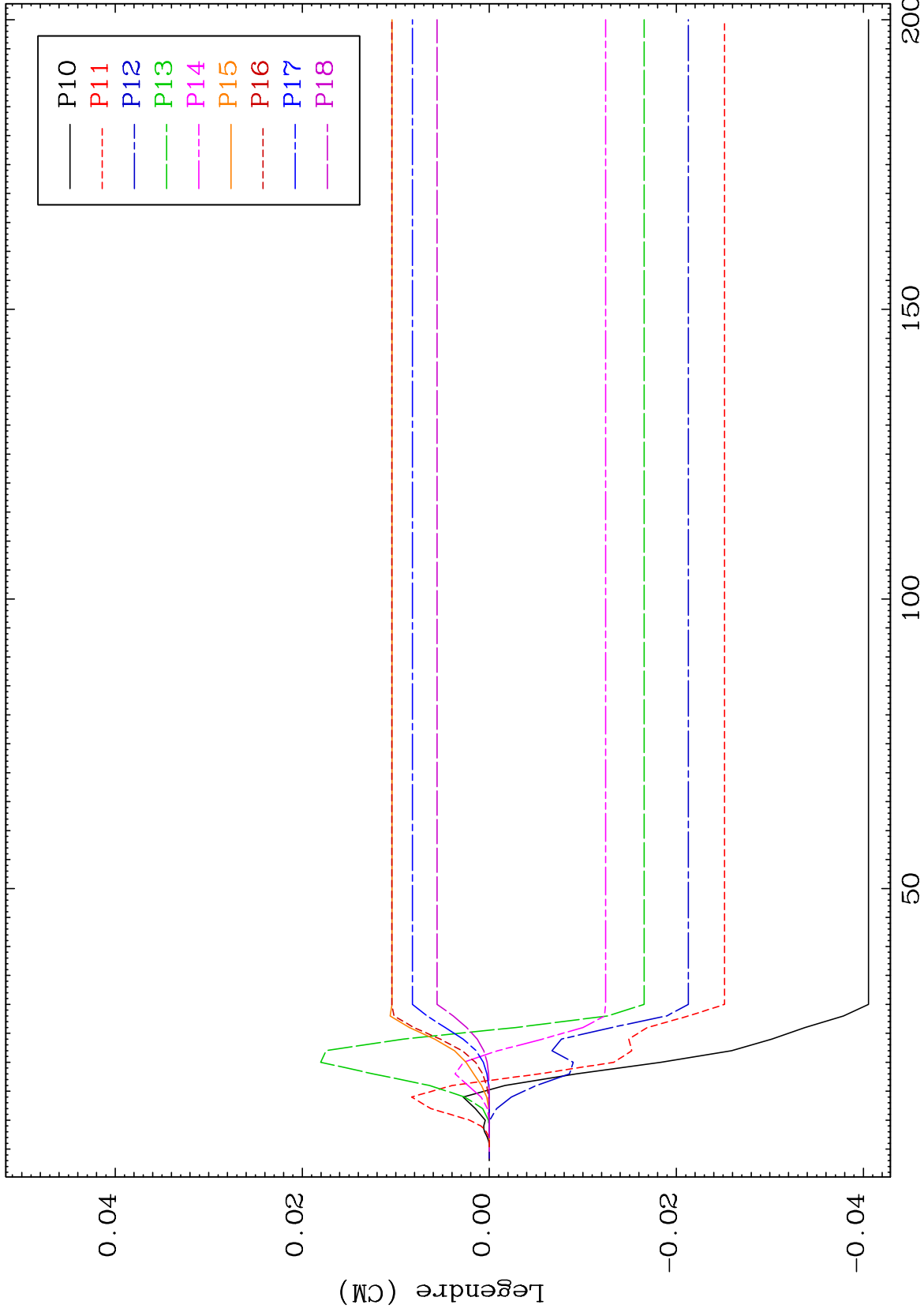
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



92

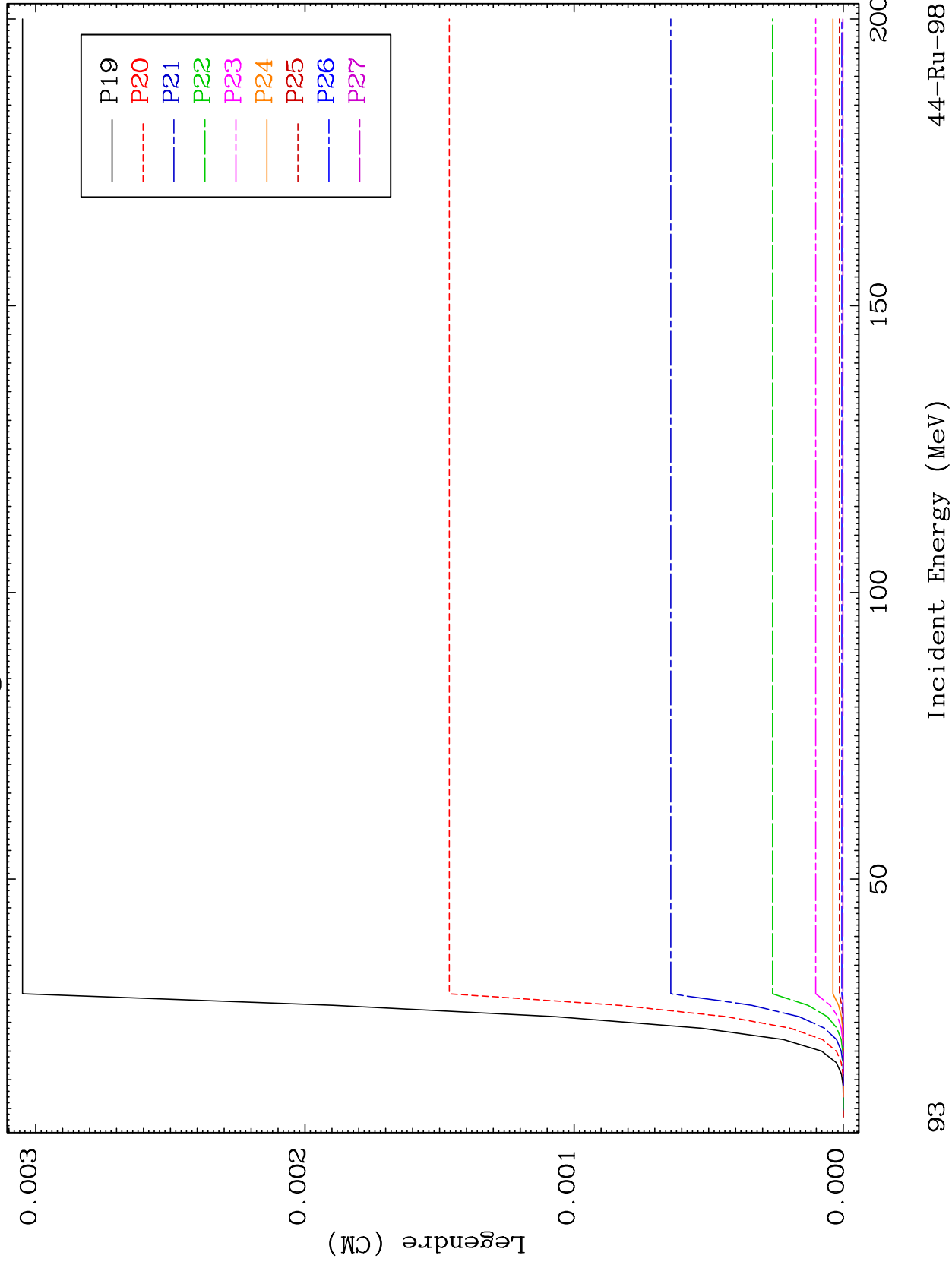
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

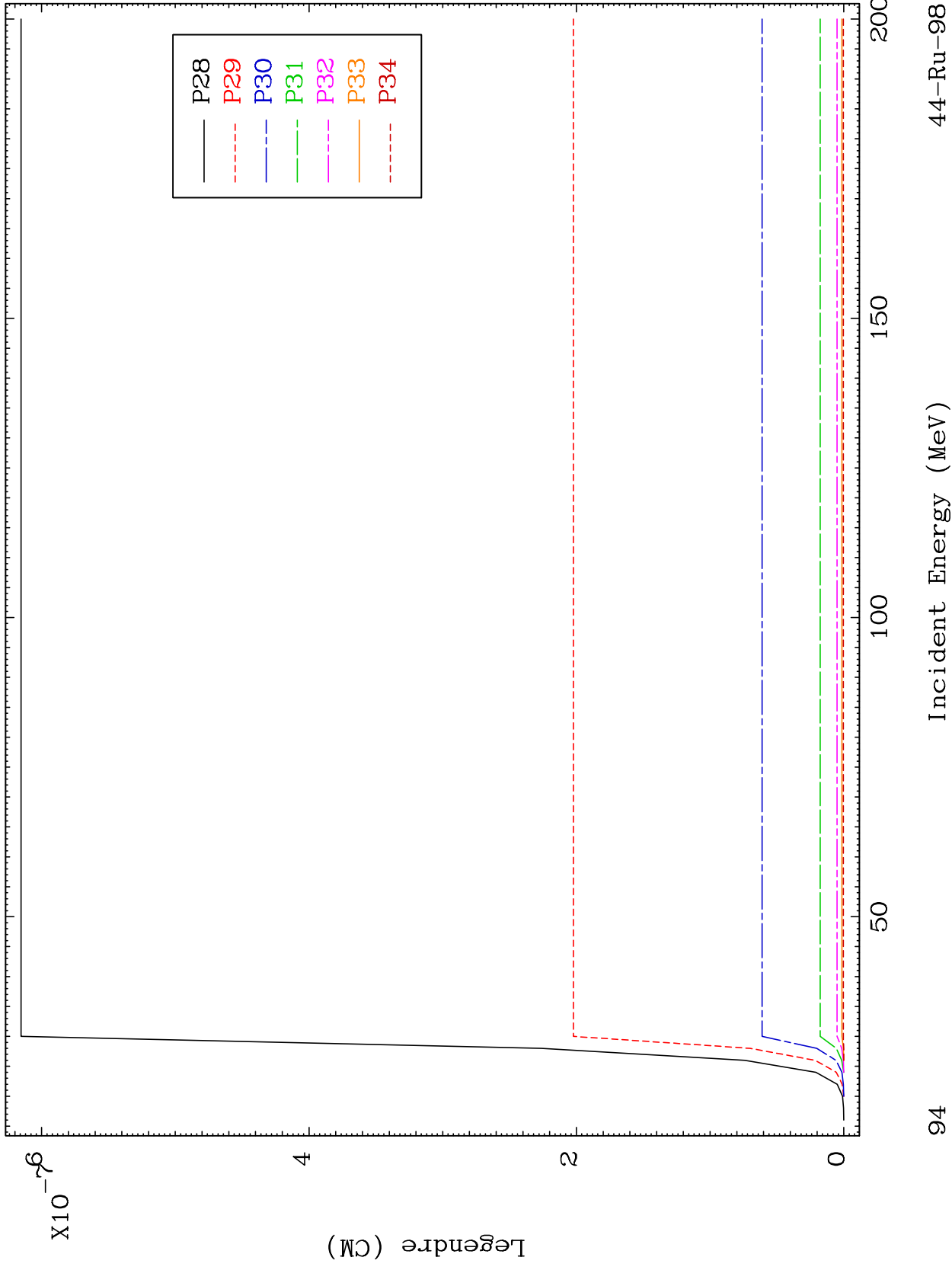
44-Ru-98



MAT 4431

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

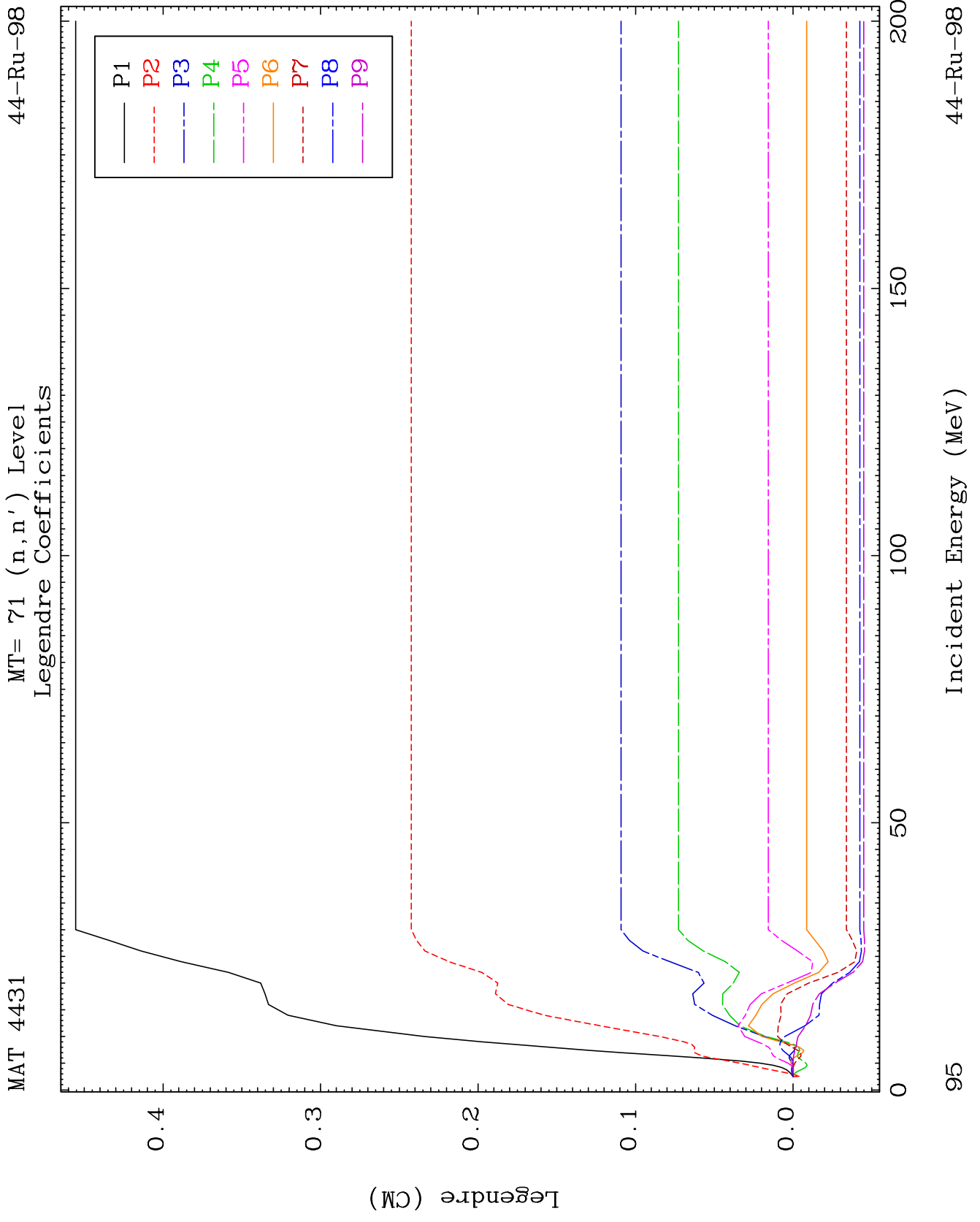
44-Ru-98



94

Incident Energy (MeV)

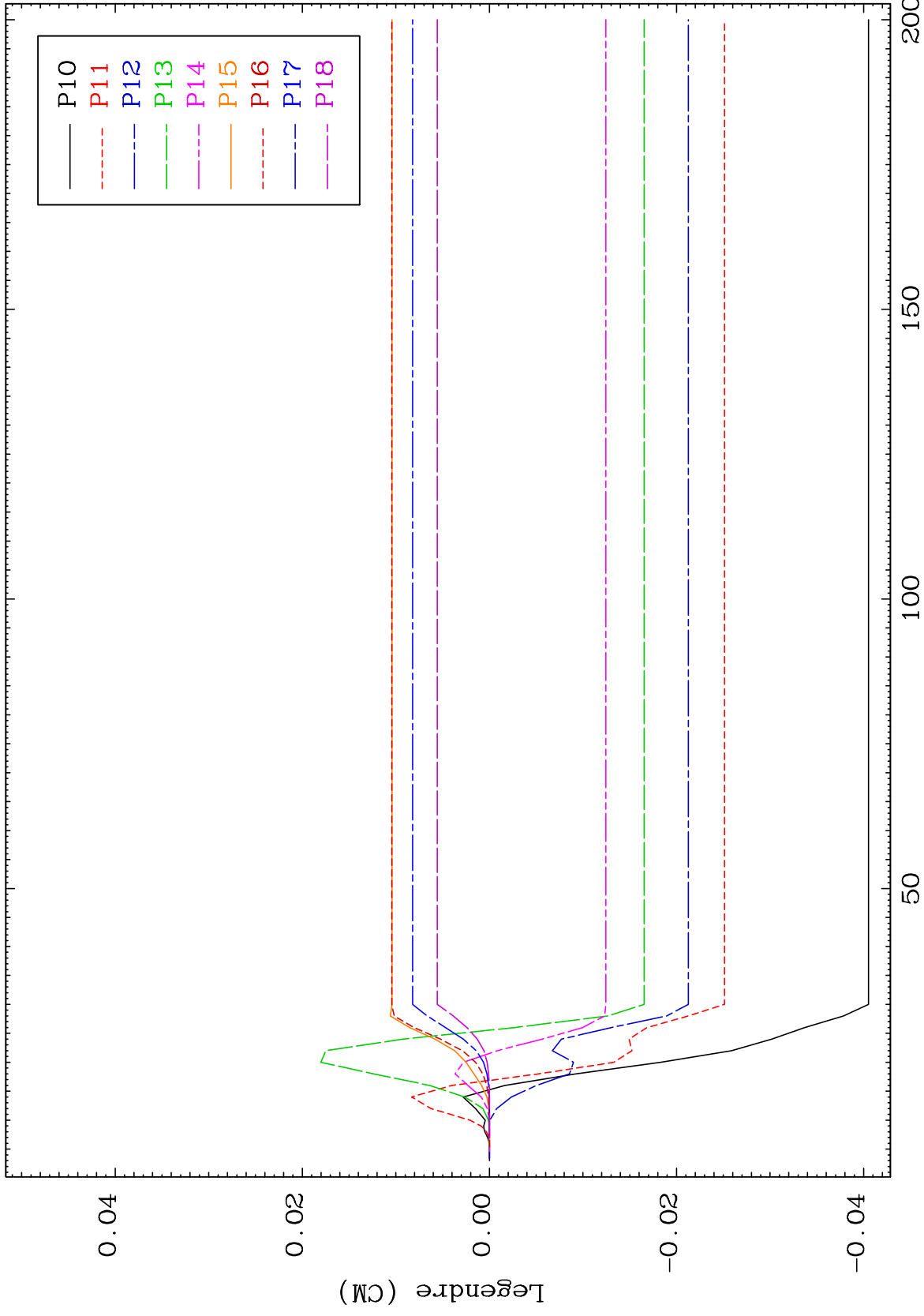
44-Ru-98



MAT 4431

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

44-Ru-98



96

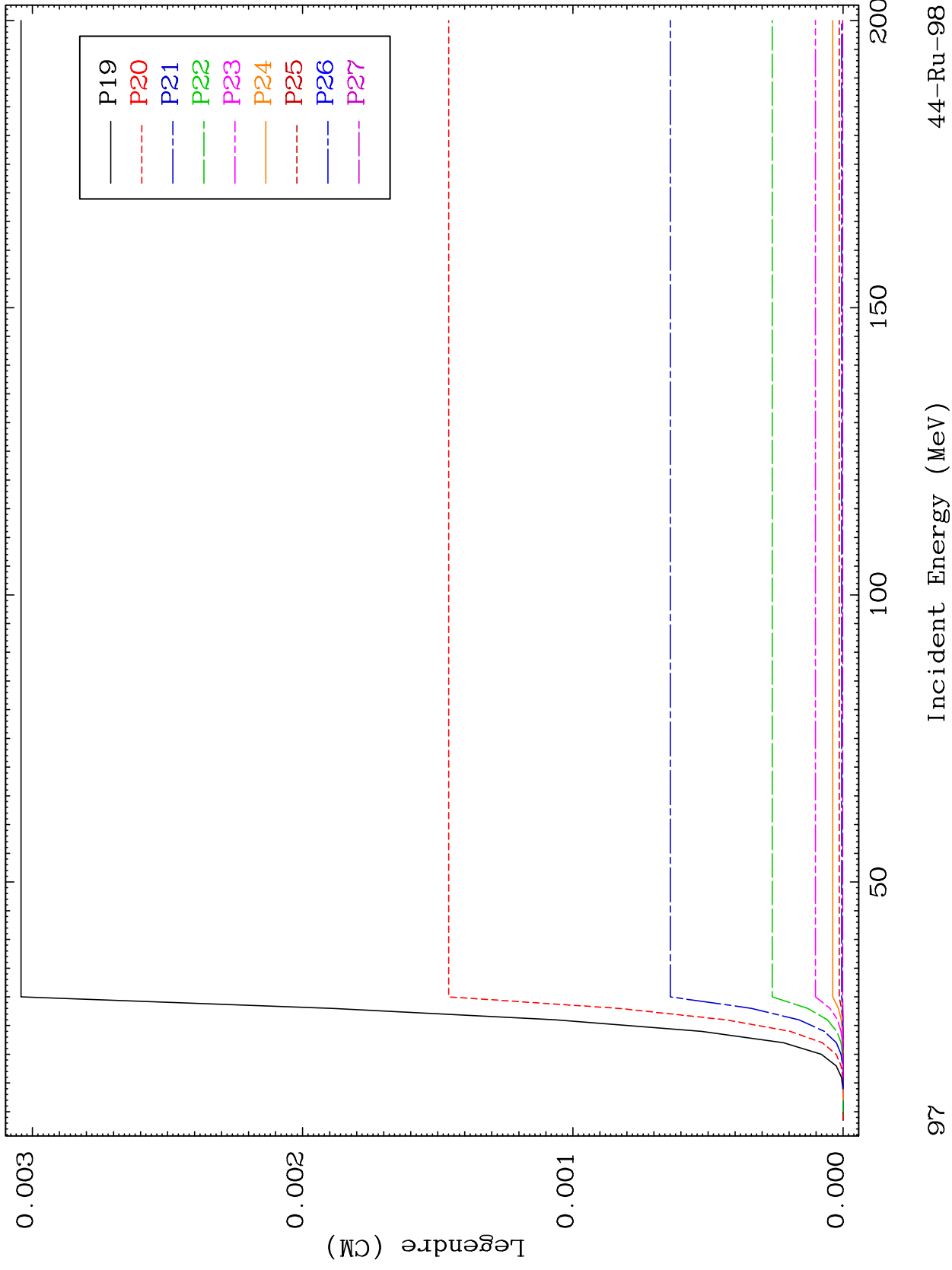
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



97

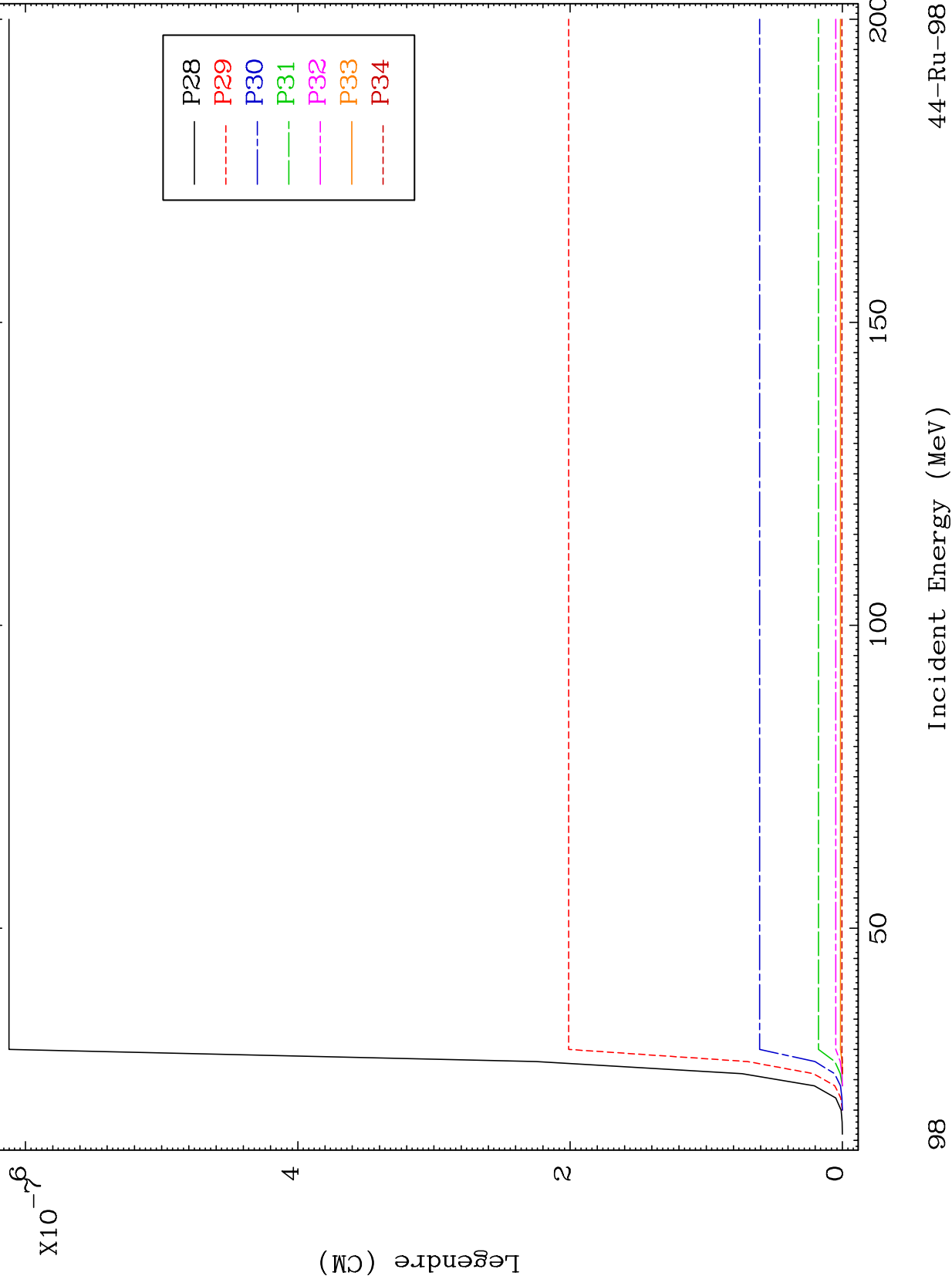
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

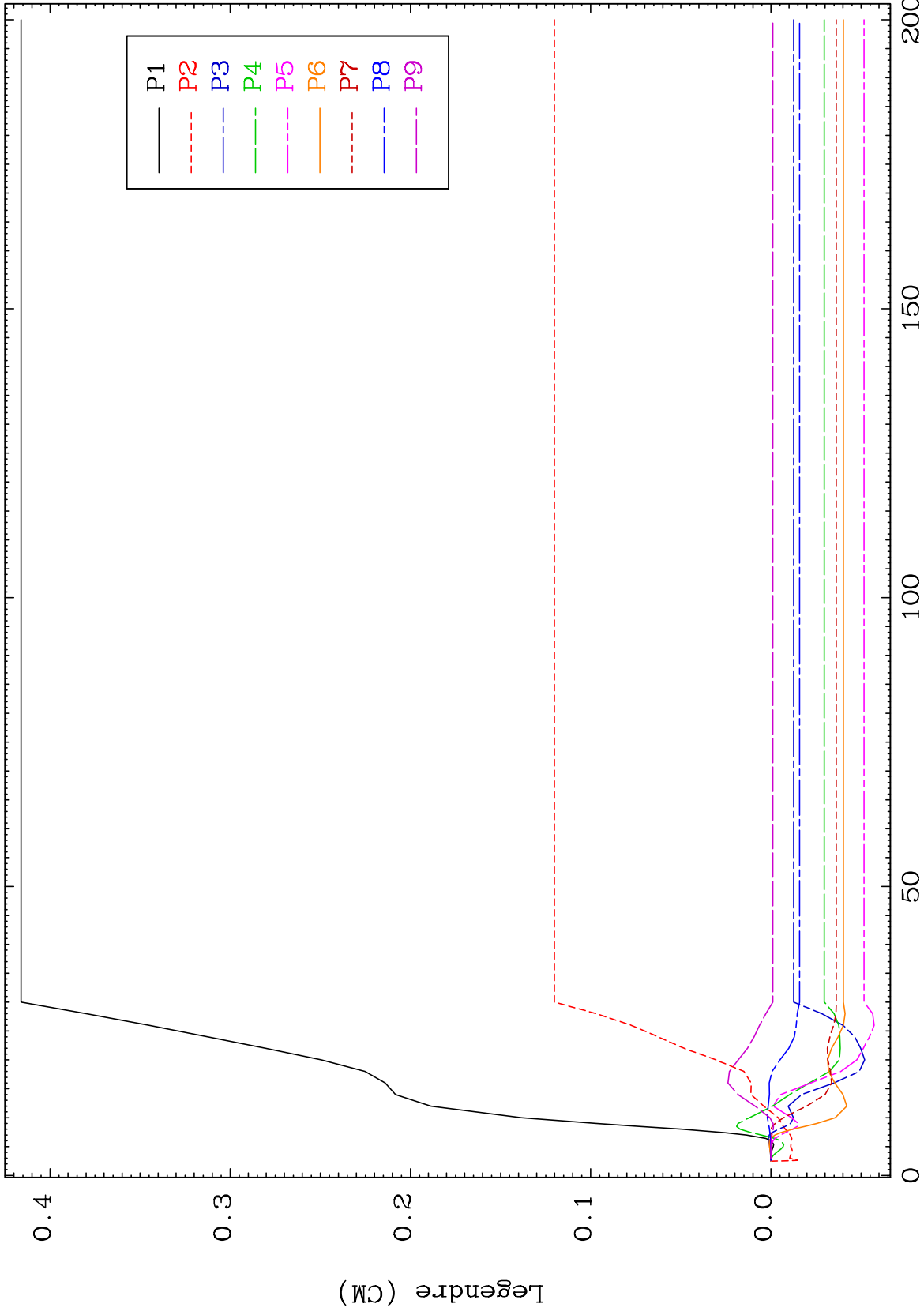
44-Ru-98



MAT 4431

MT= 72 (n,n') Level
Legendre Coefficients

44-Ru-98



99

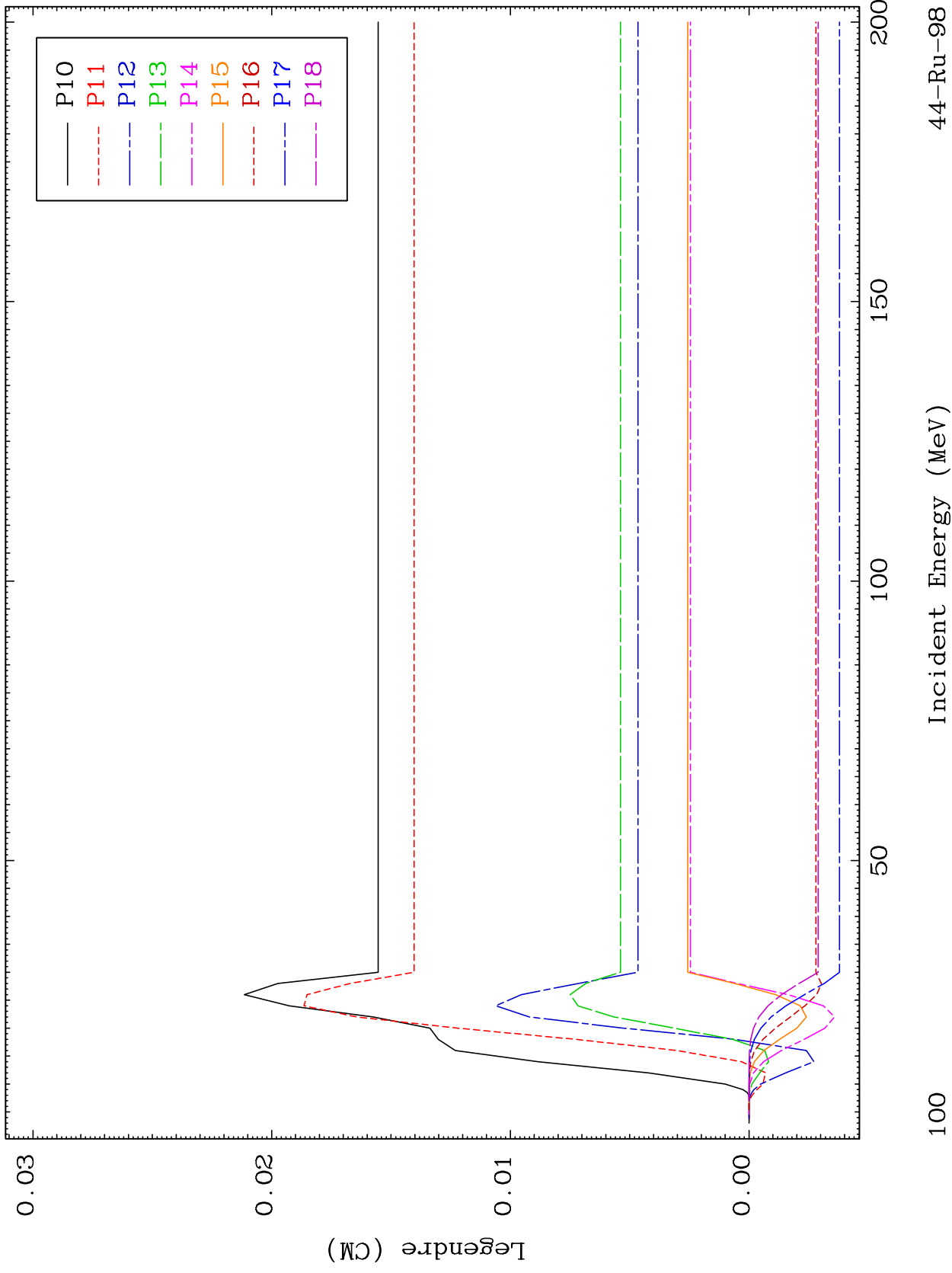
Incident Energy (MeV)

44-Ru-98

MAT 4431

MT= 72 (n,n') Level
Legendre Coefficients

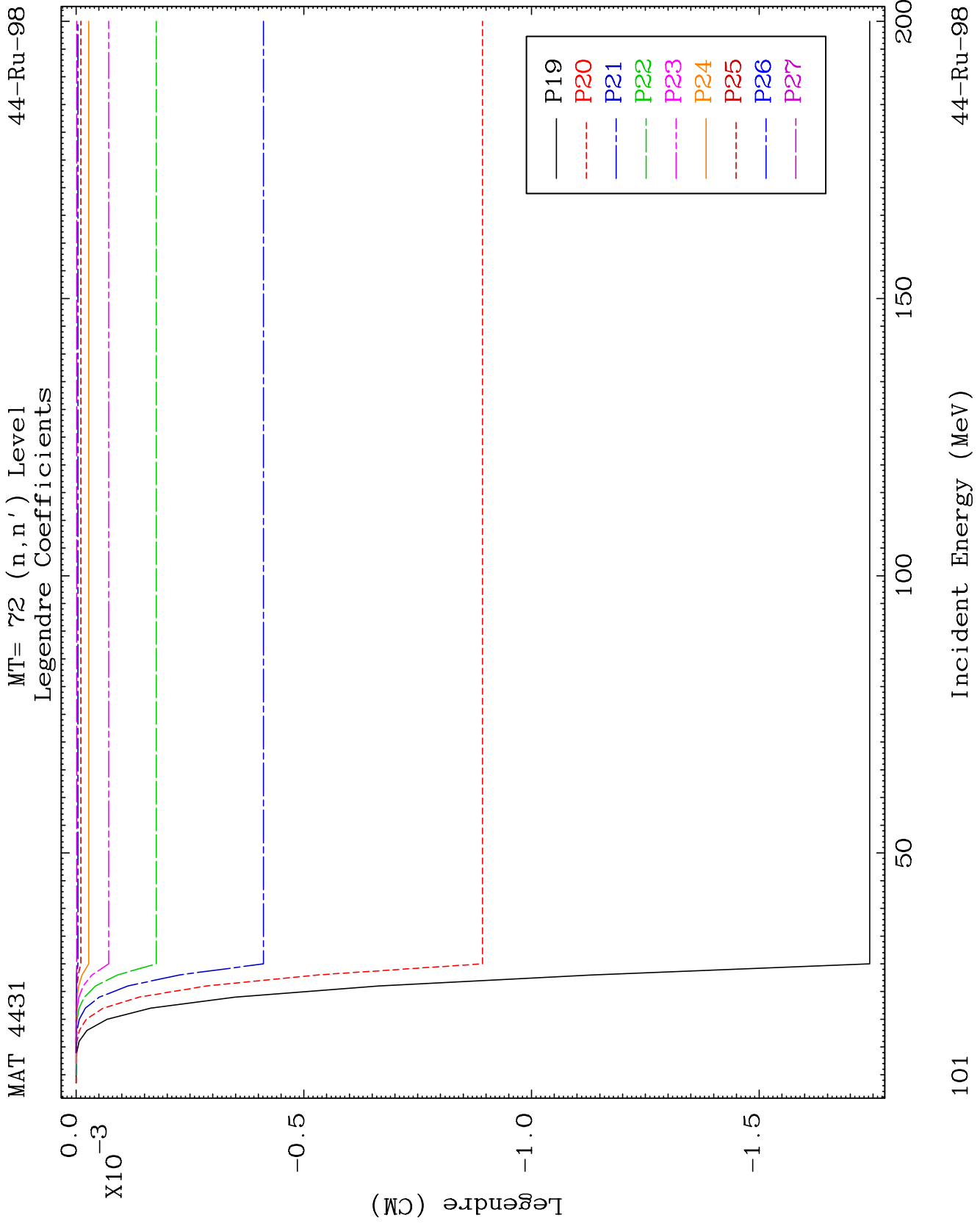
44-Ru-98

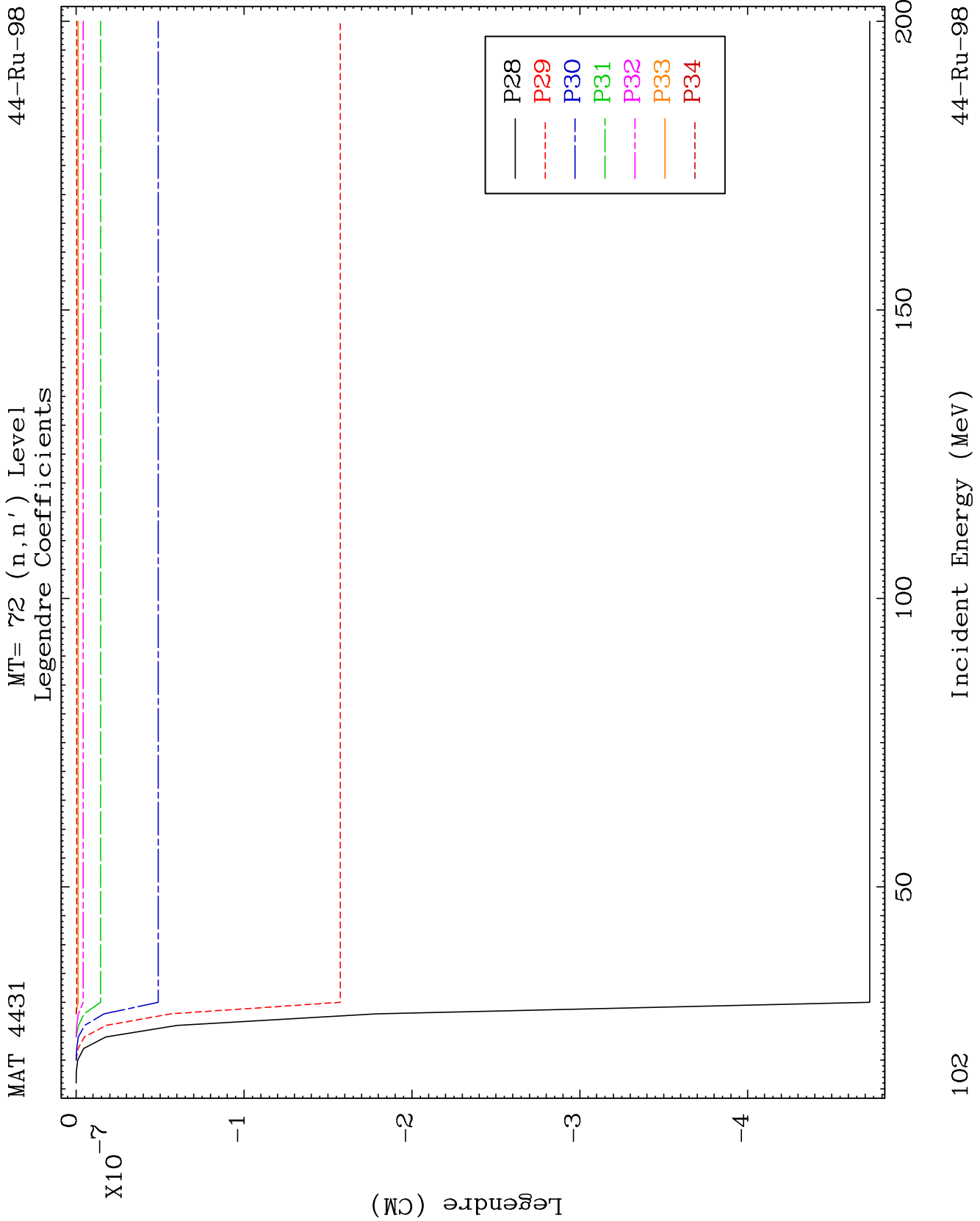


44-Ru-98

Incident Energy (MeV)

100

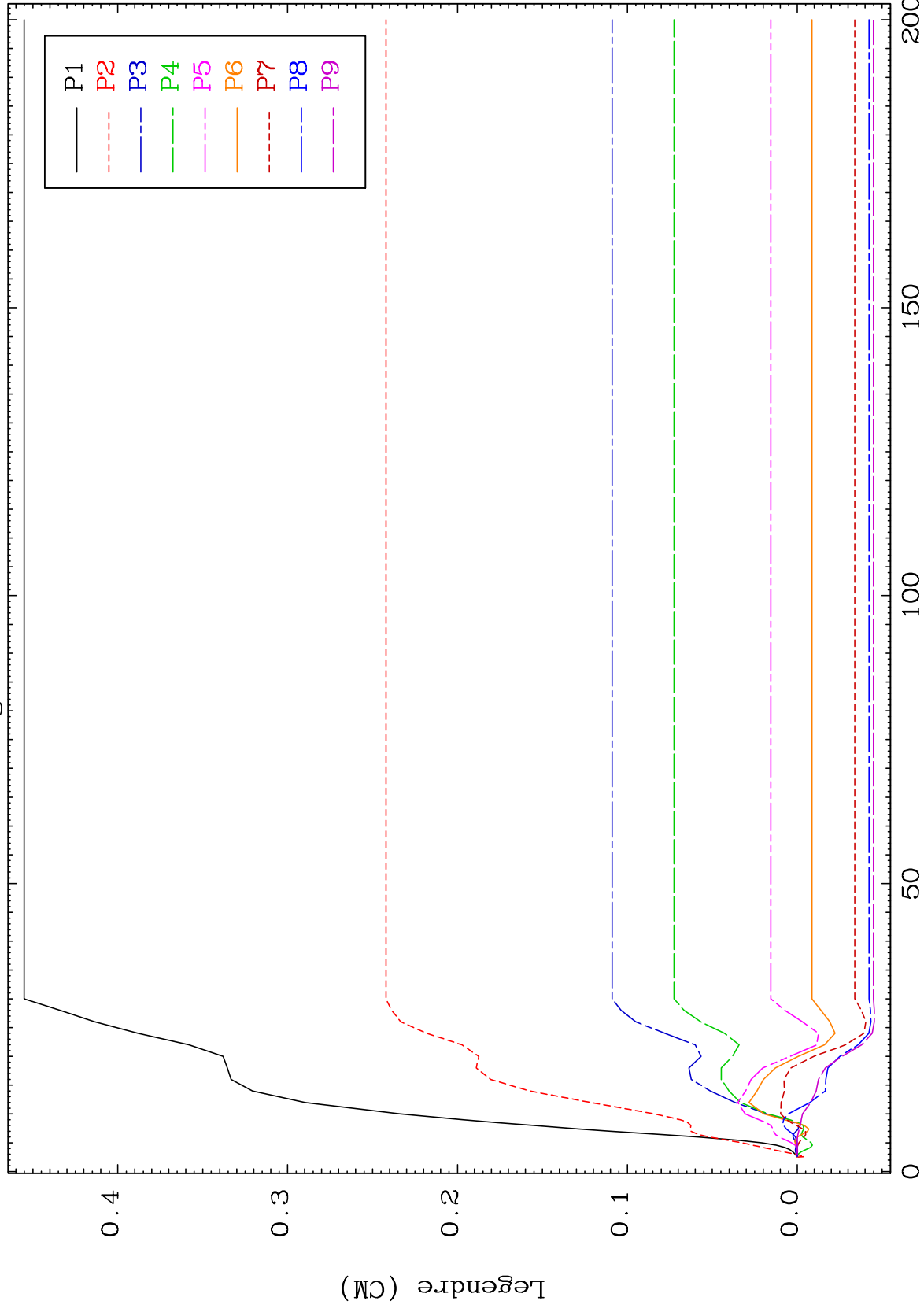




MAT 4431

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

44-Ru-98



103

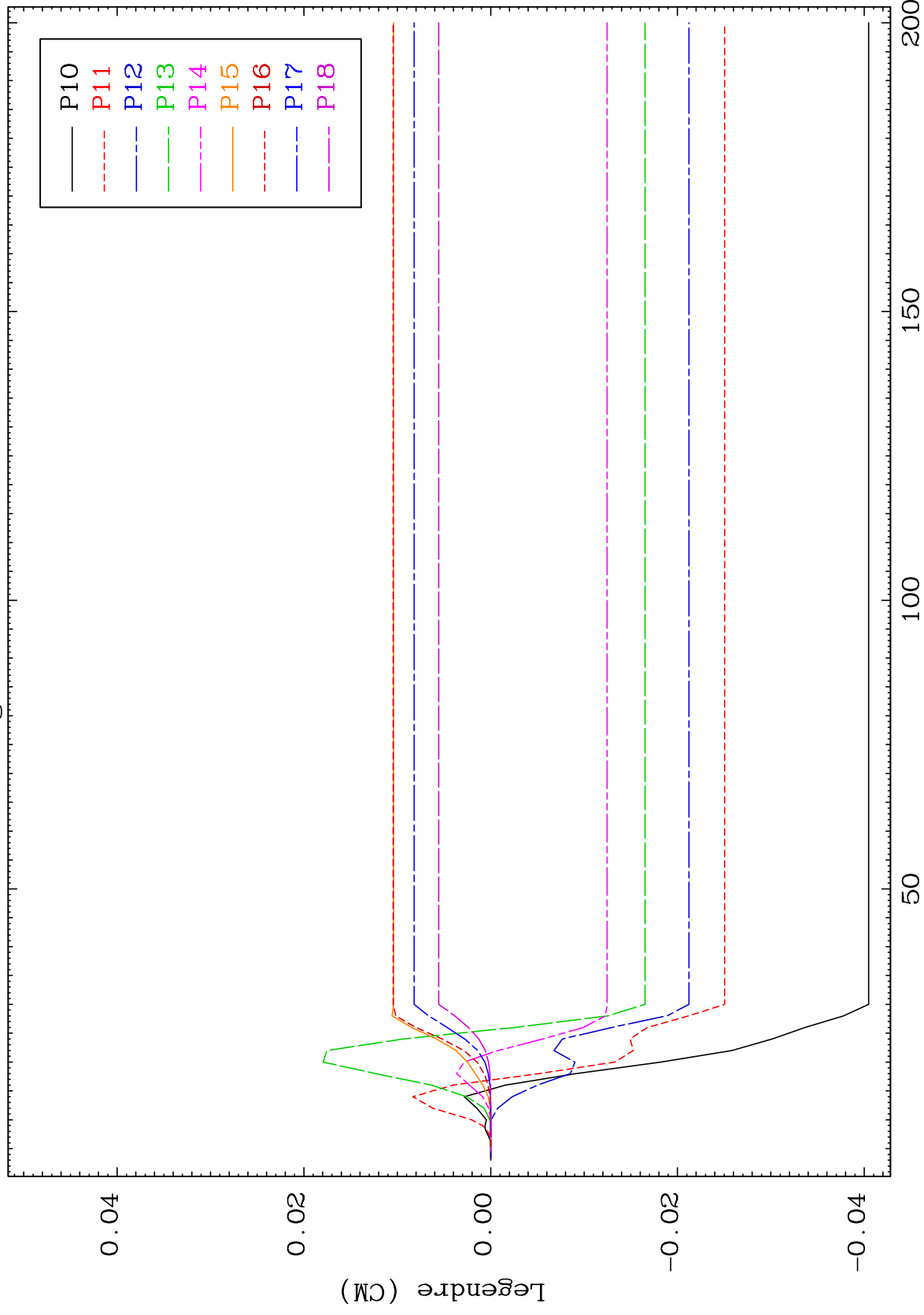
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



104

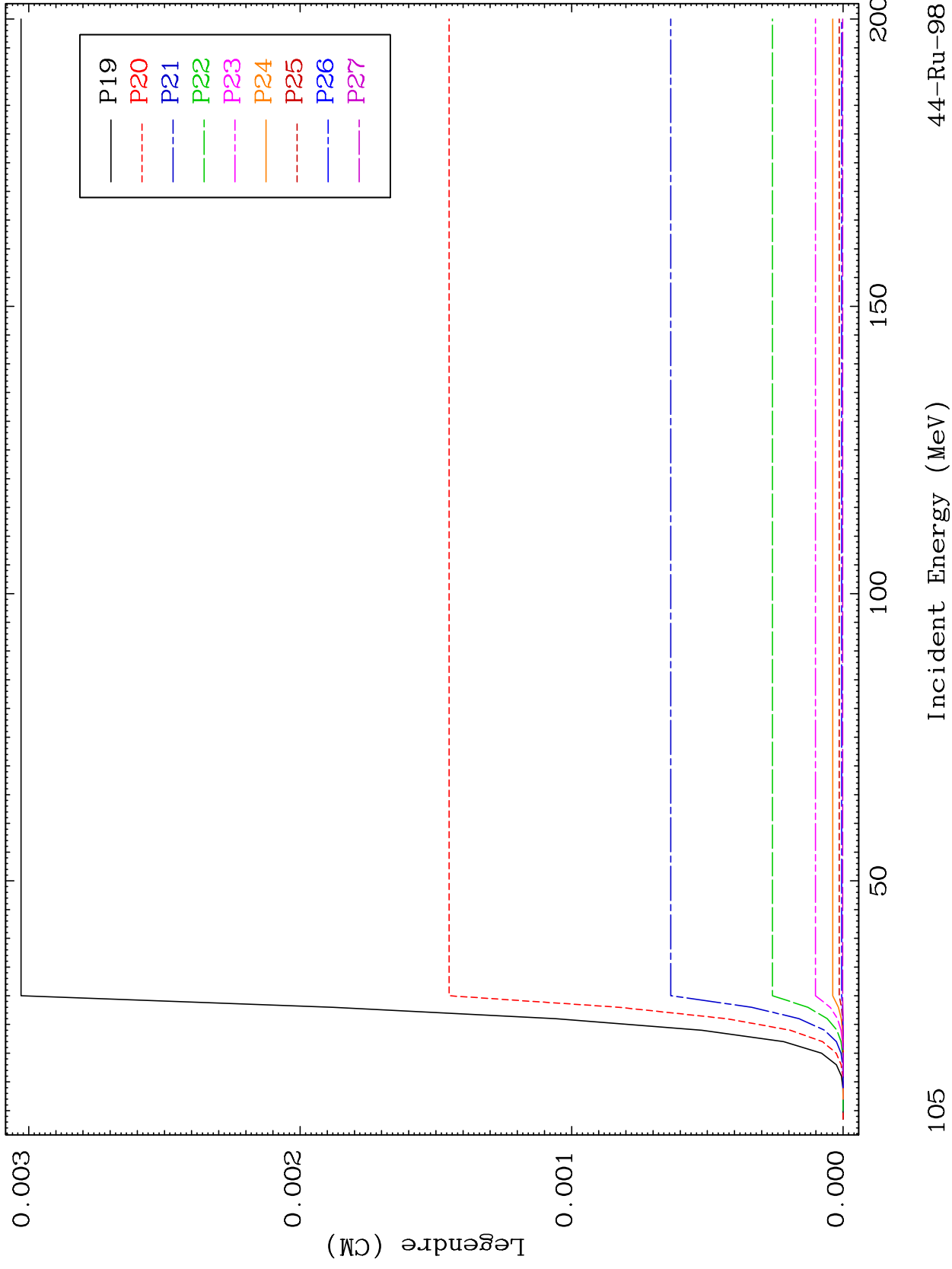
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

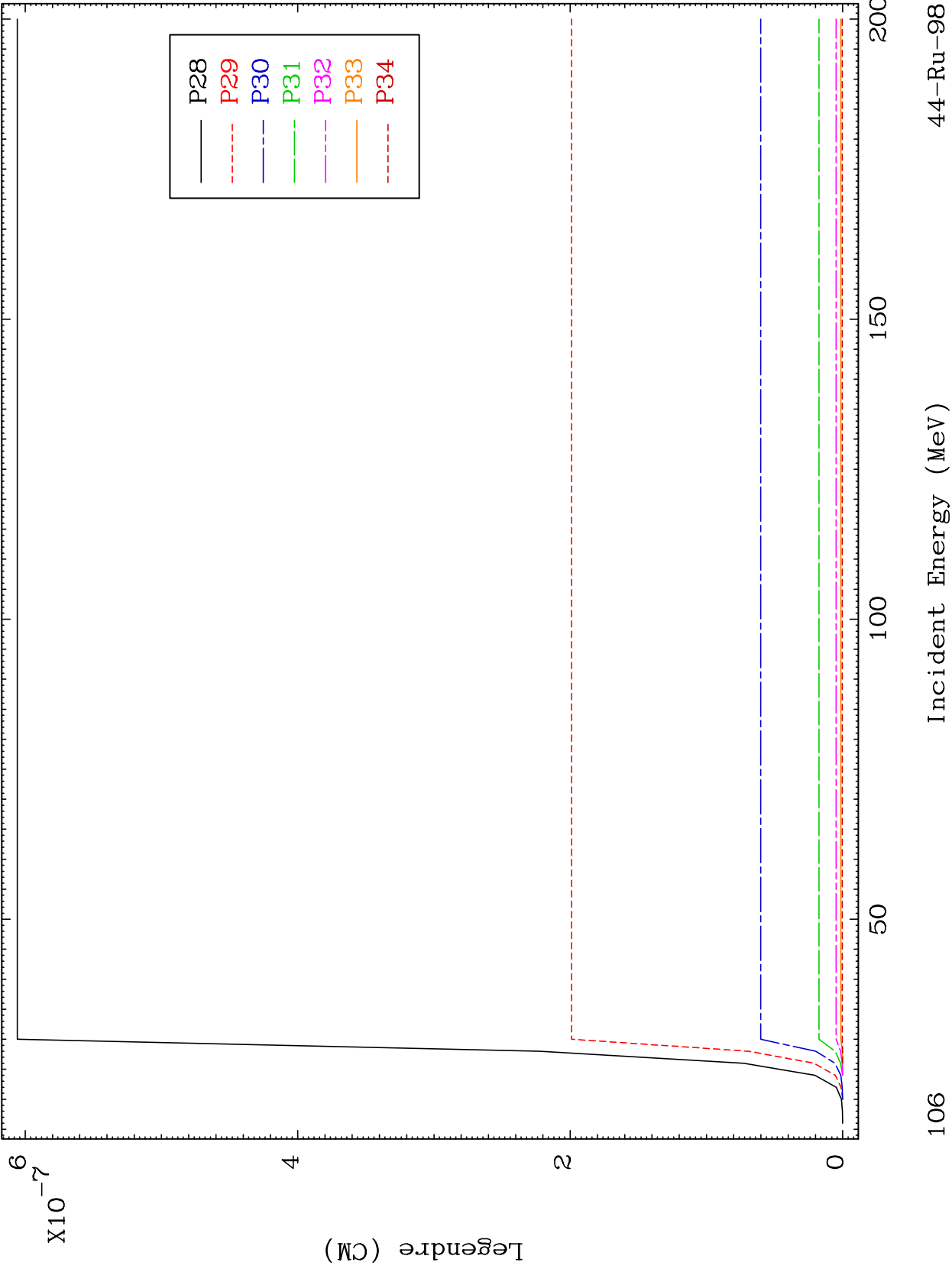
44-Ru-98

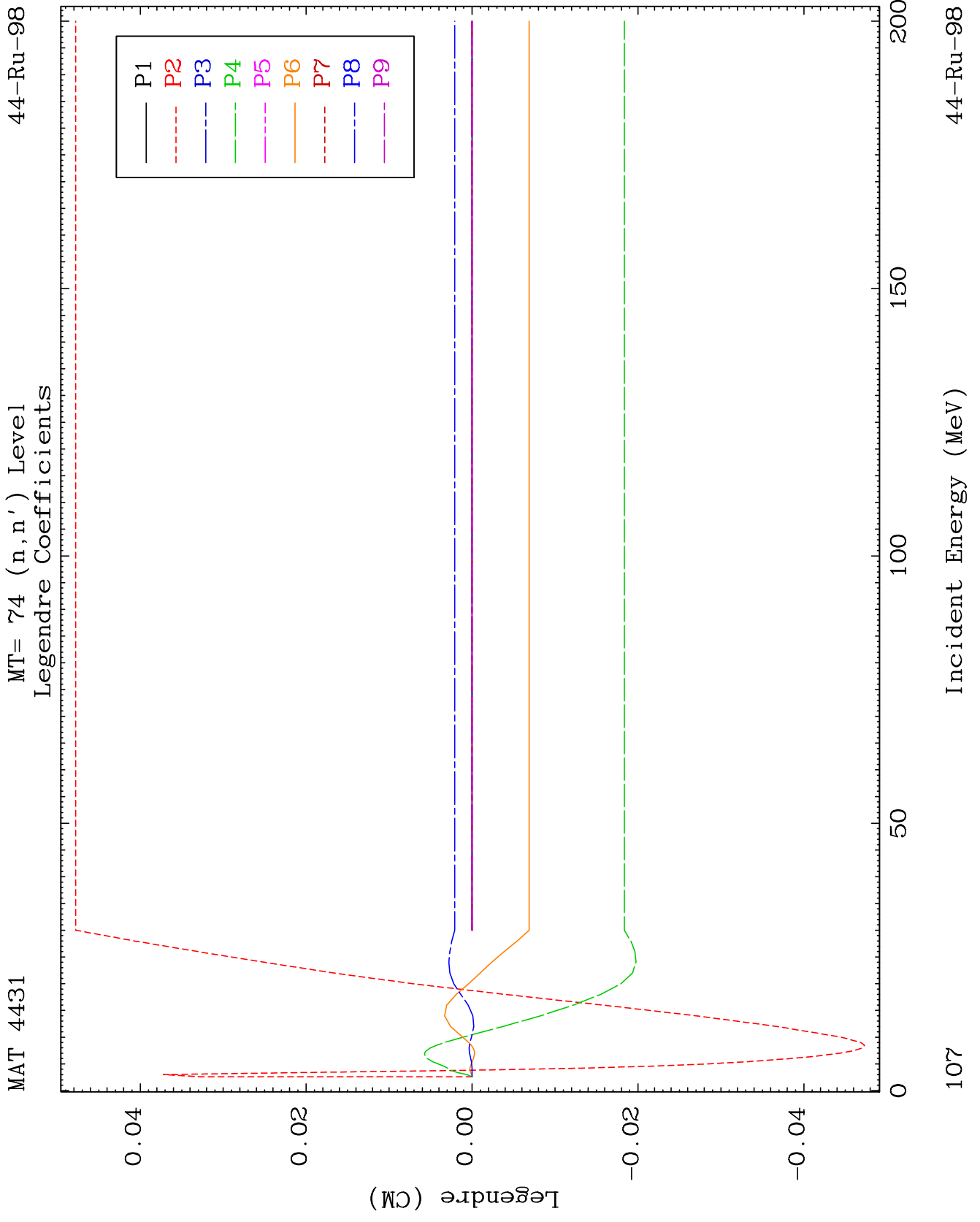


MAT 4431

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

44-Ru-98

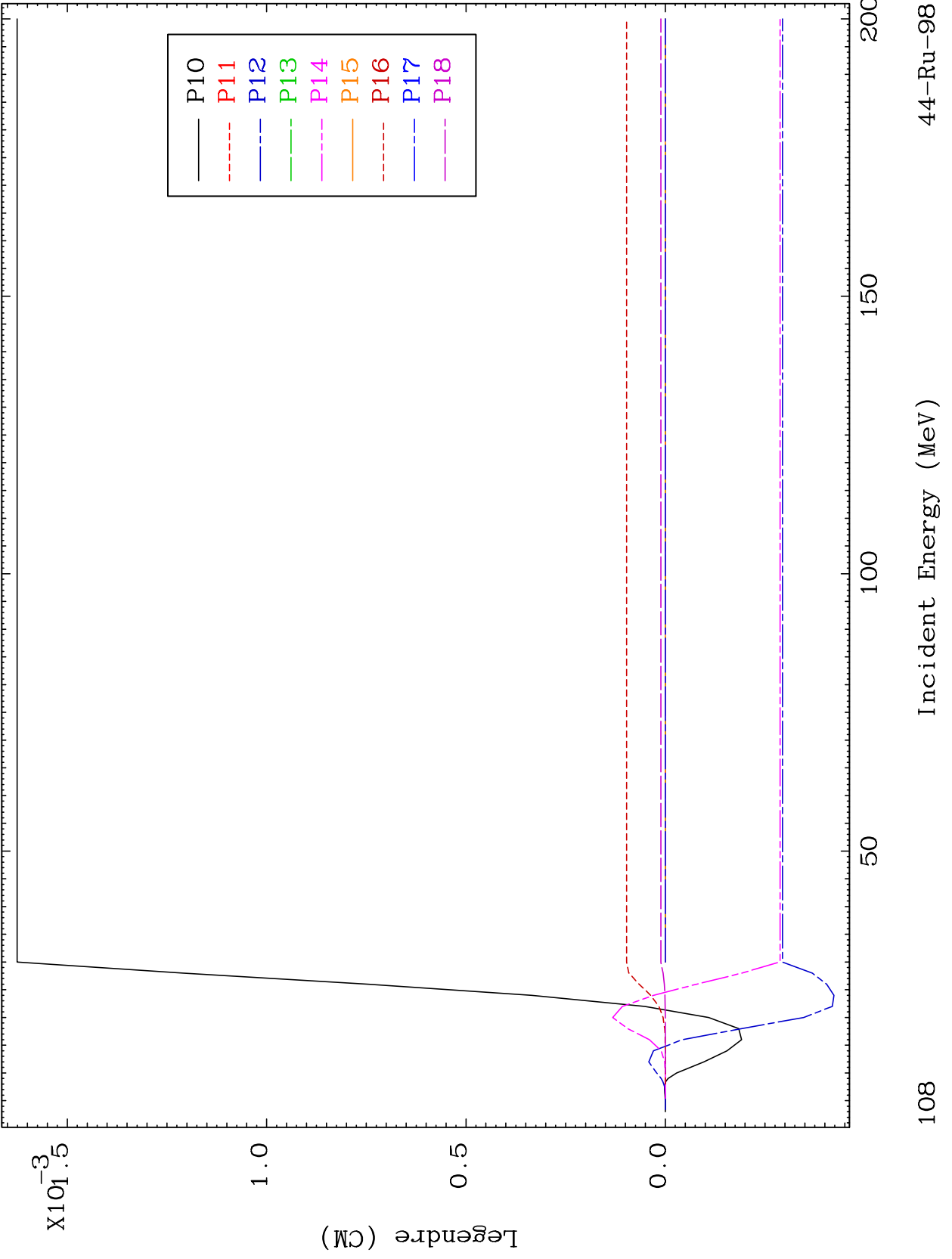




MAT 4431

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

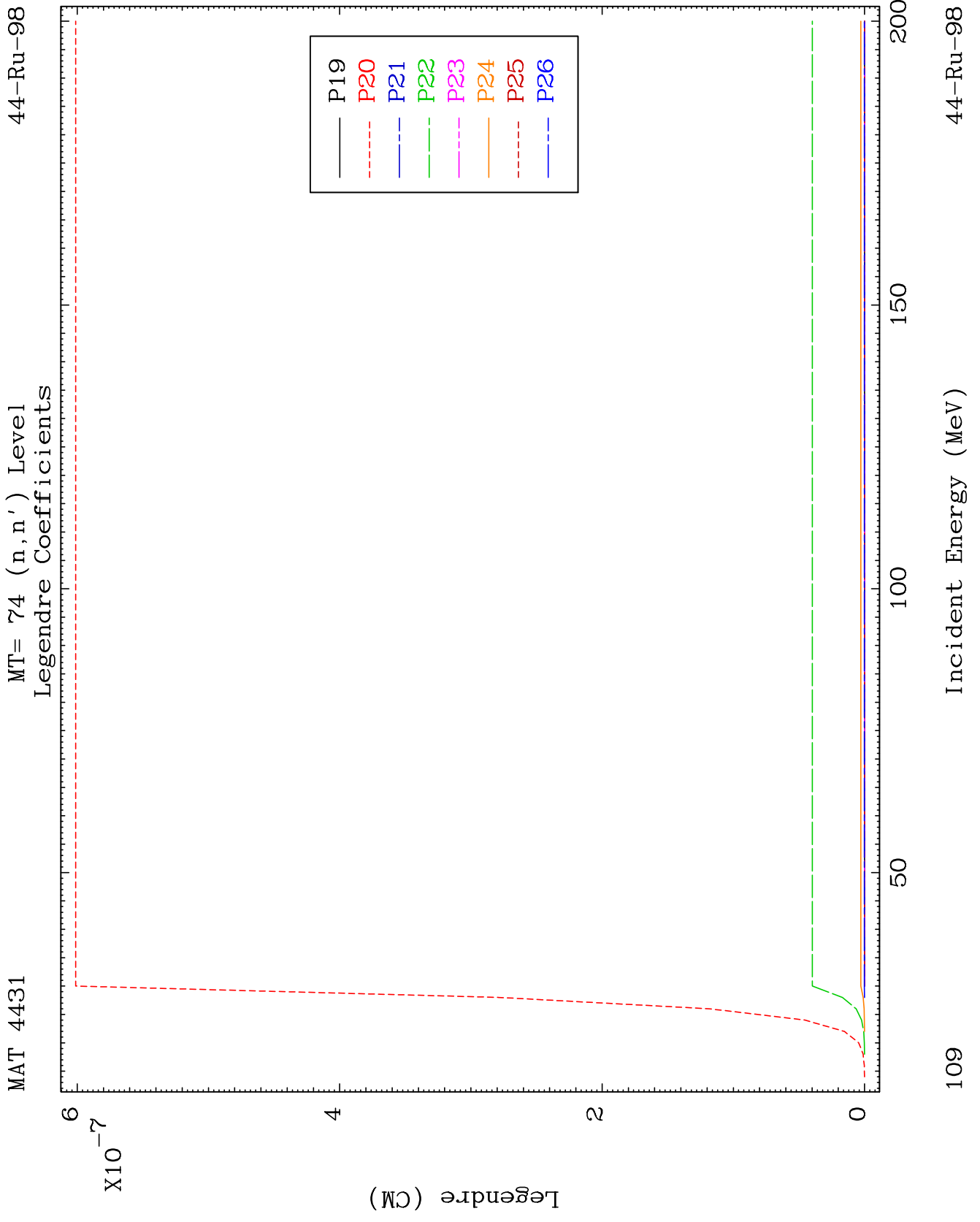
44-Ru-98



108

Incident Energy (MeV)

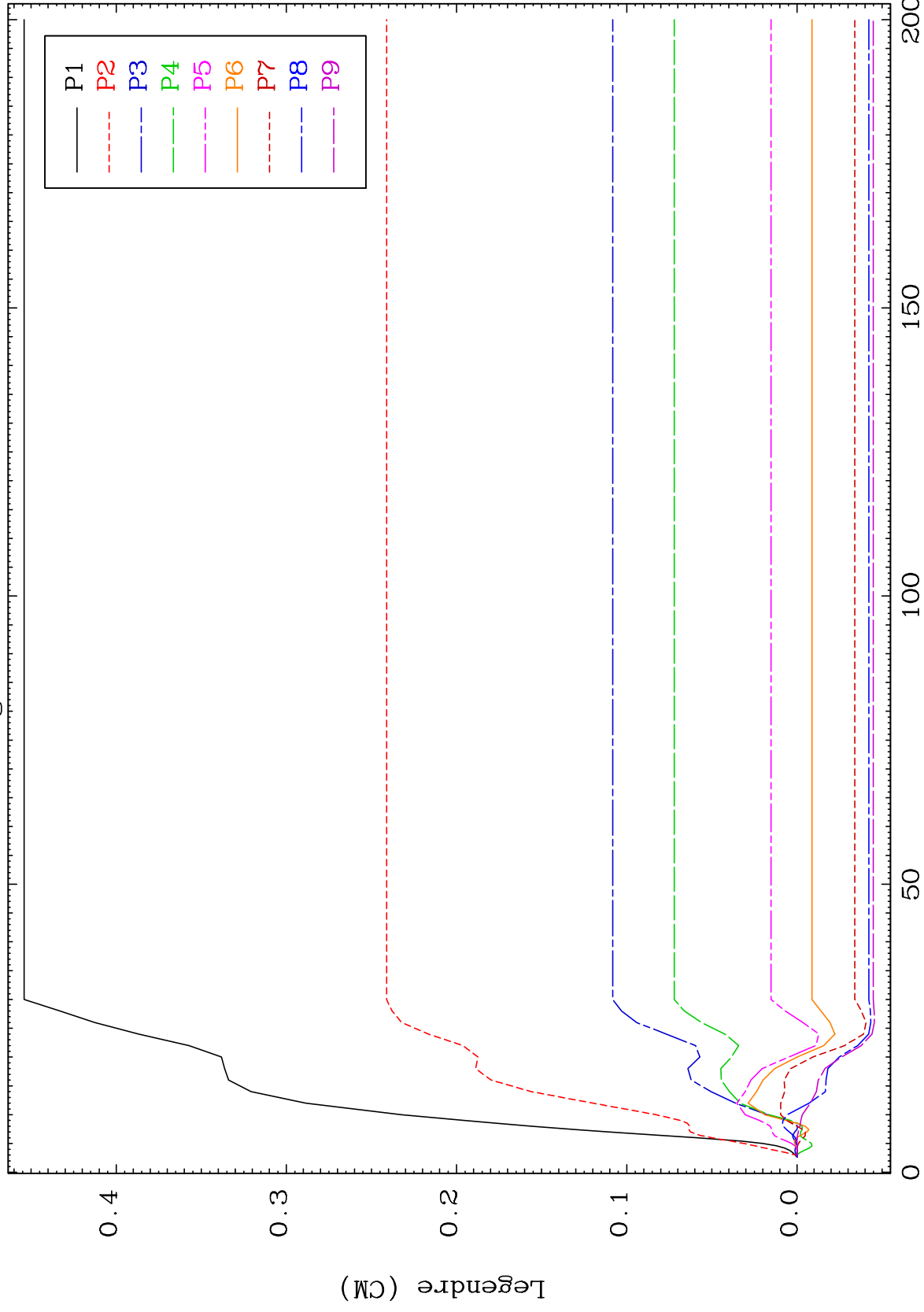
44-Ru-98



MAT 4431

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

44-Ru-98



110

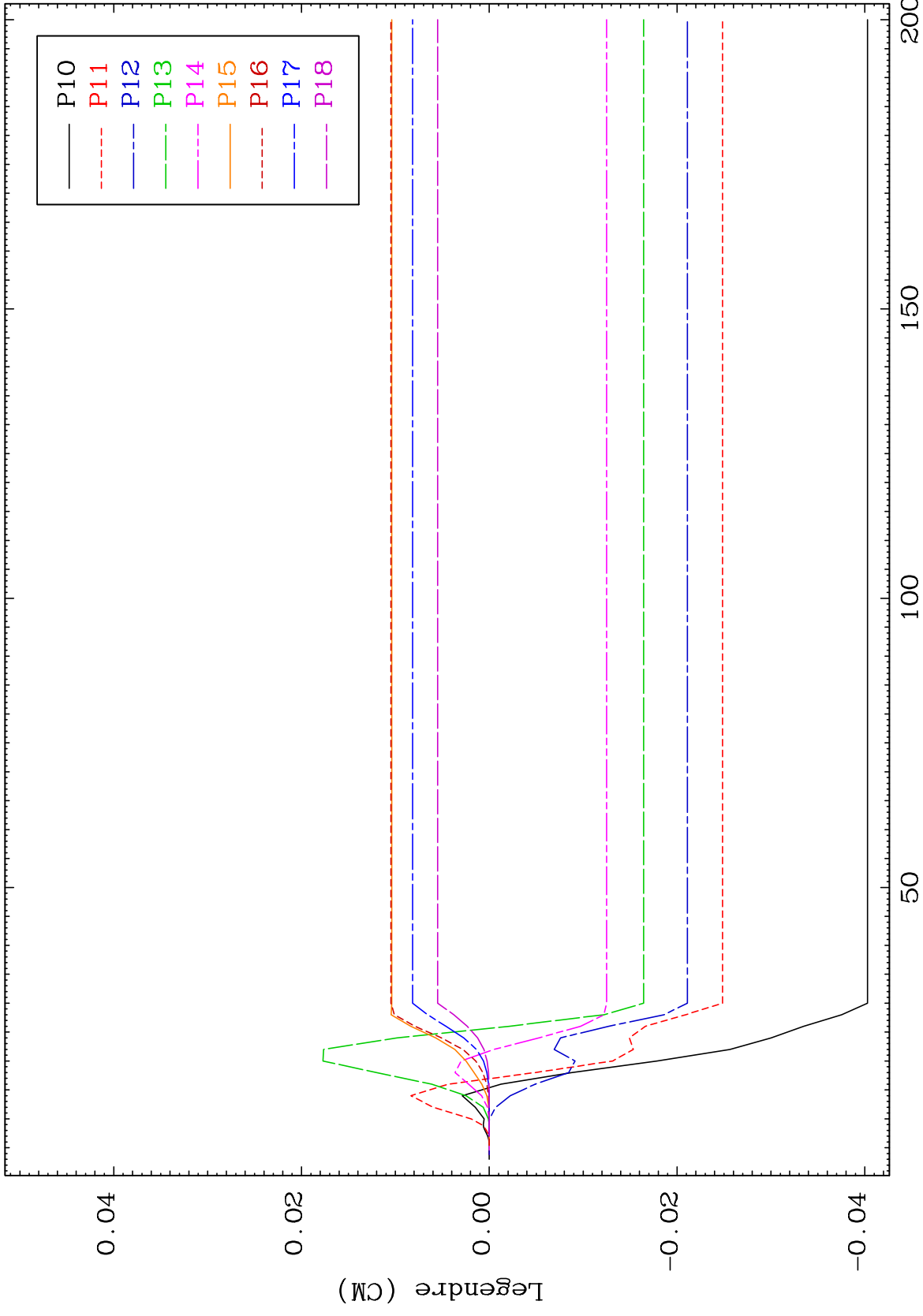
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



111

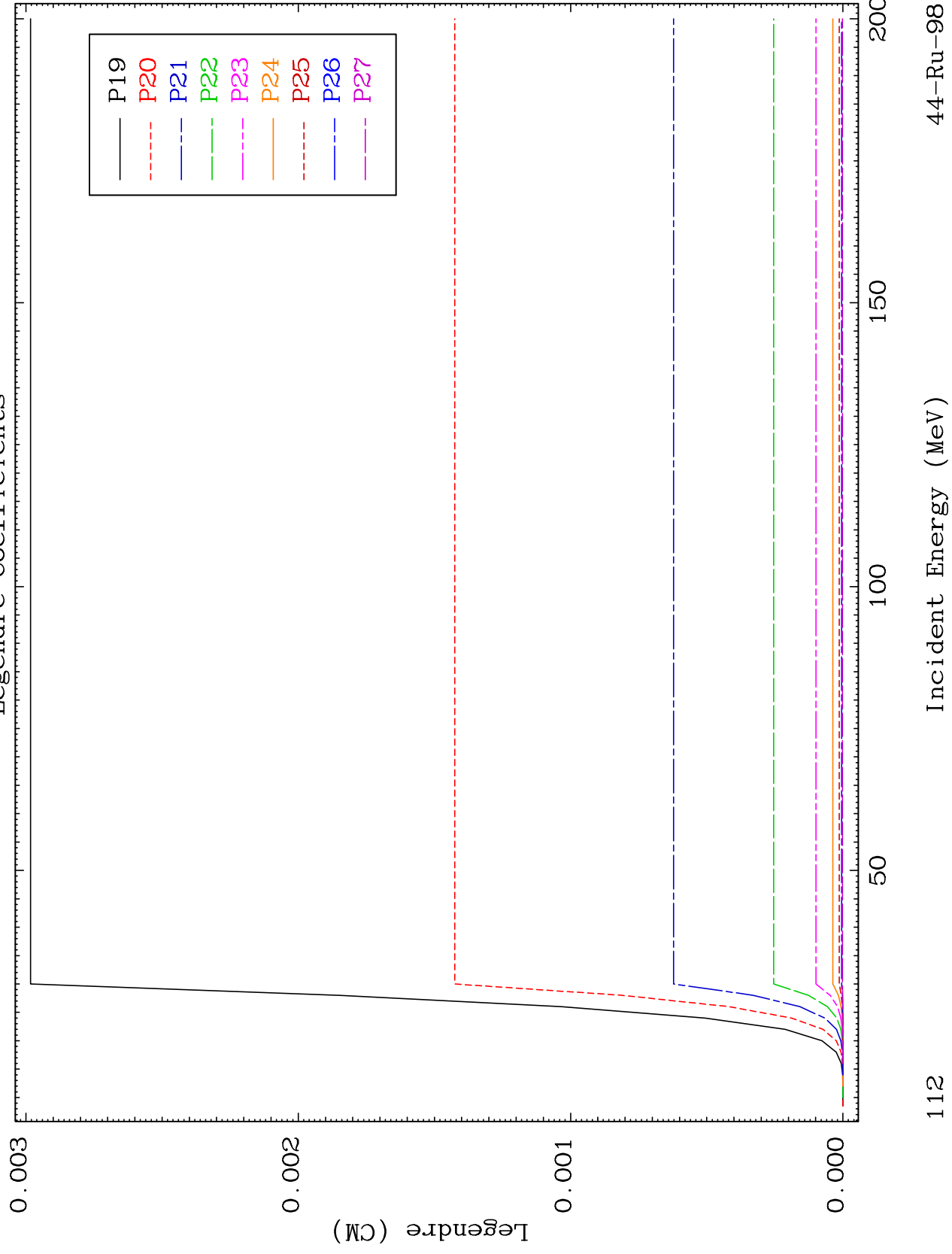
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

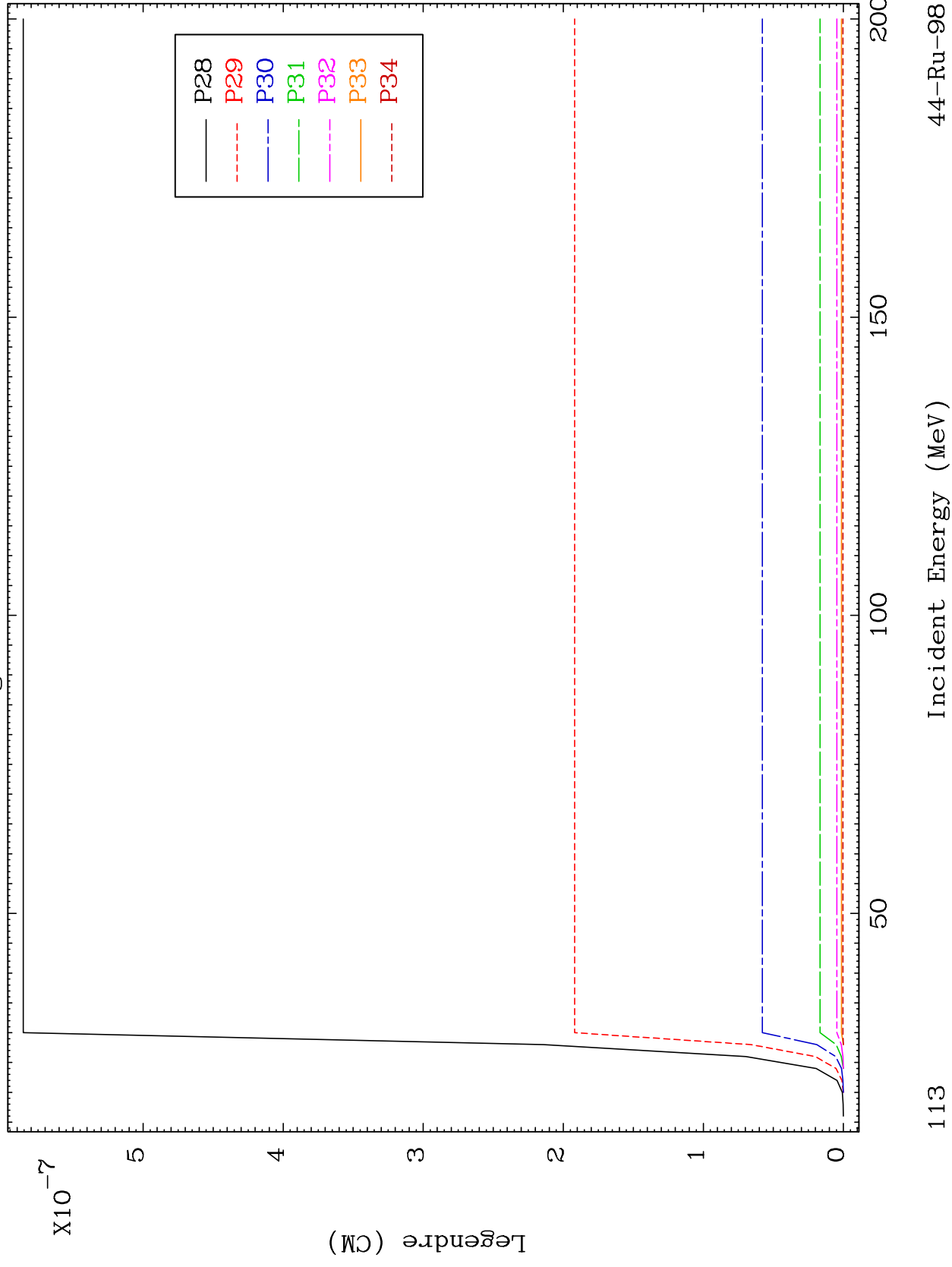
44-Ru-98



MAT 4431

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

44-Ru-98

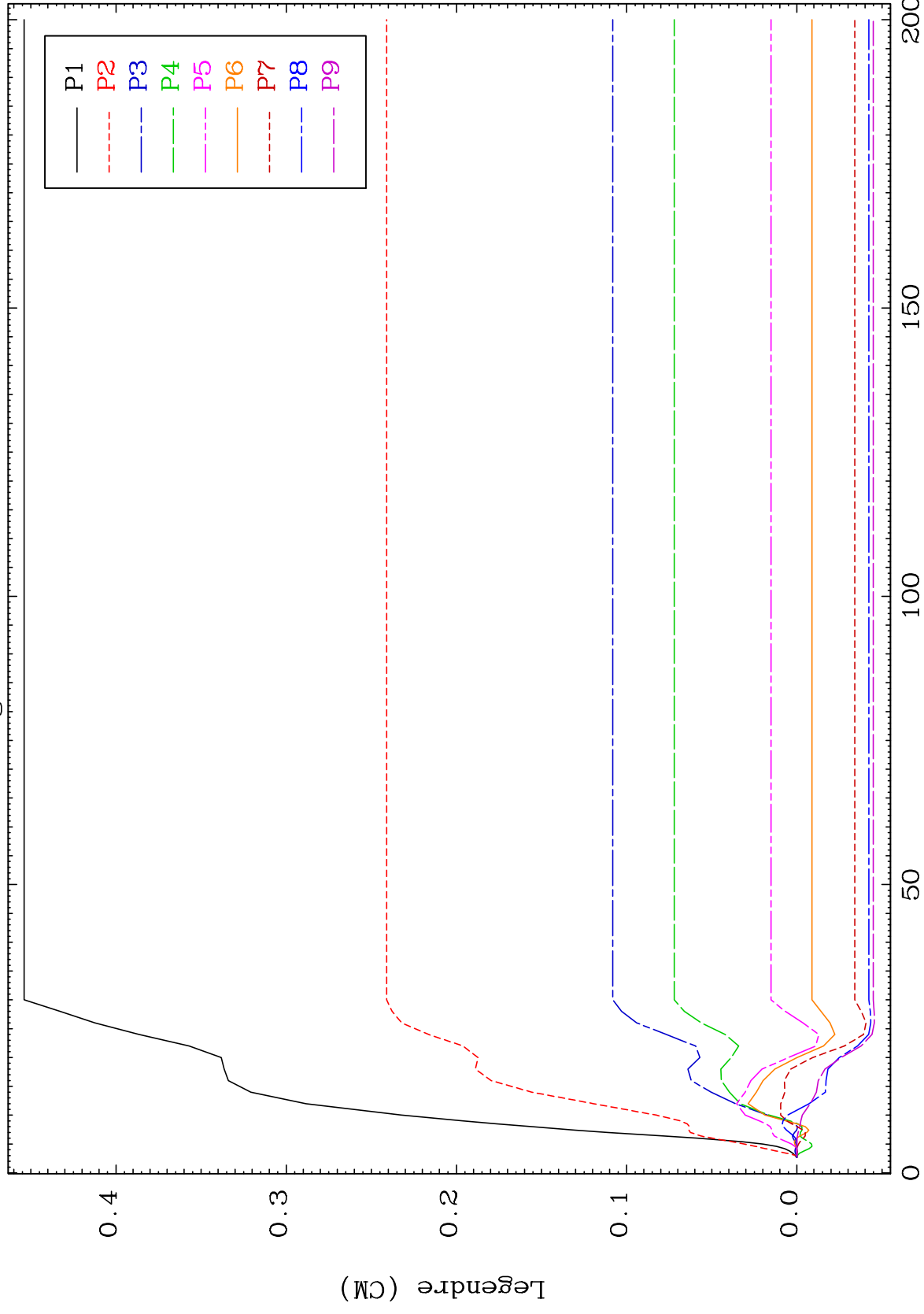


113

MAT 4431

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

44-Ru-98



114

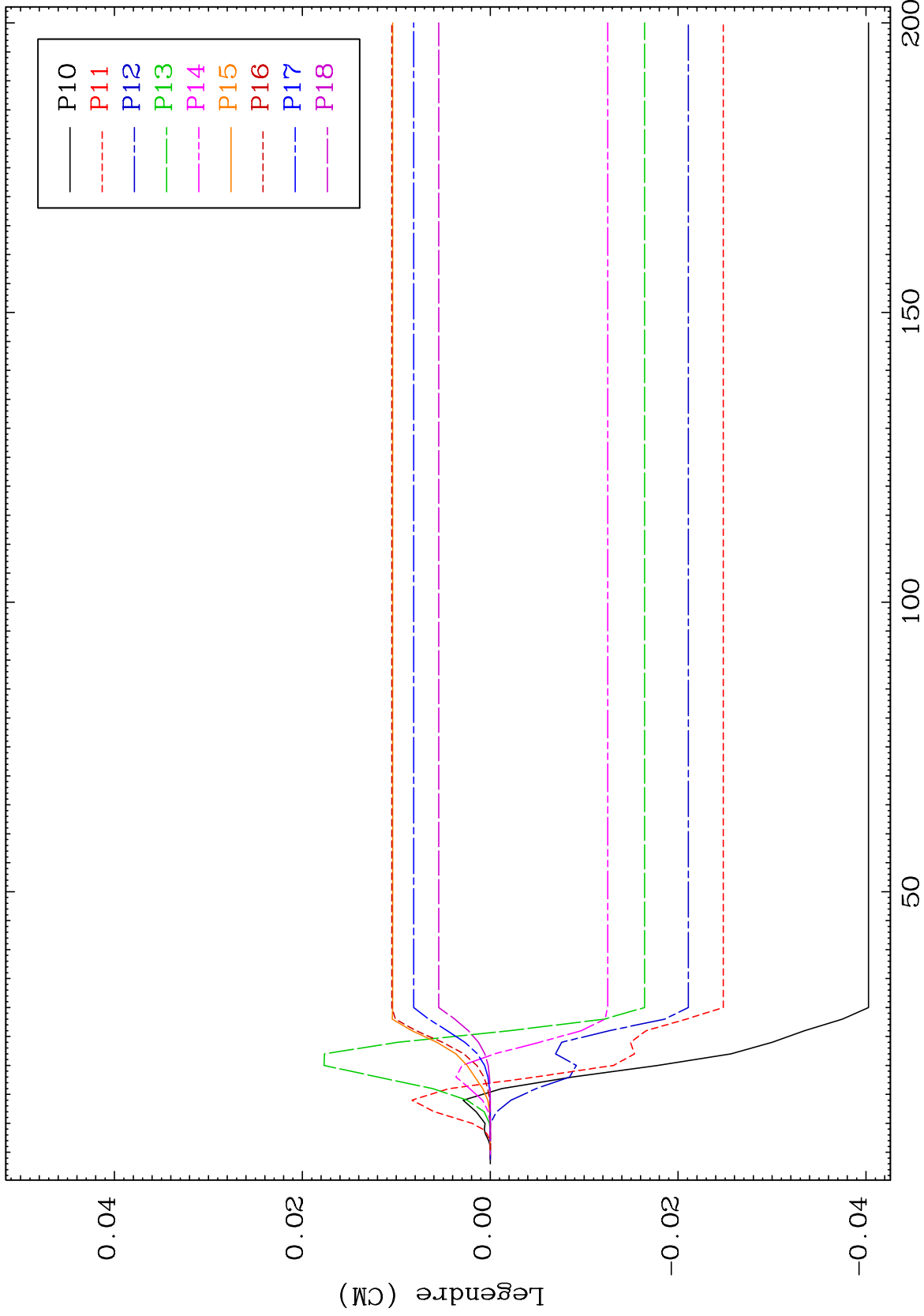
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



115

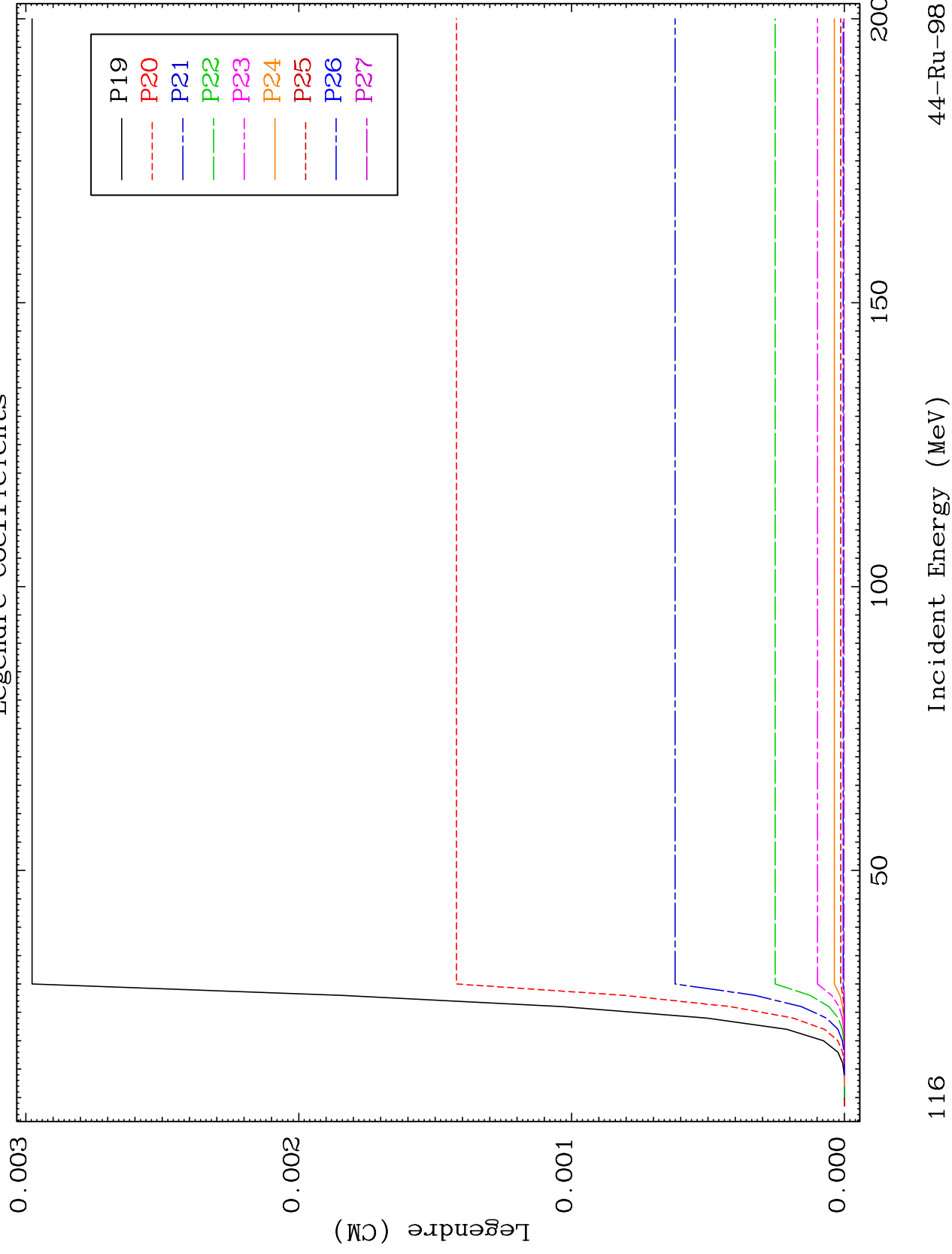
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

44-Ru-98



116

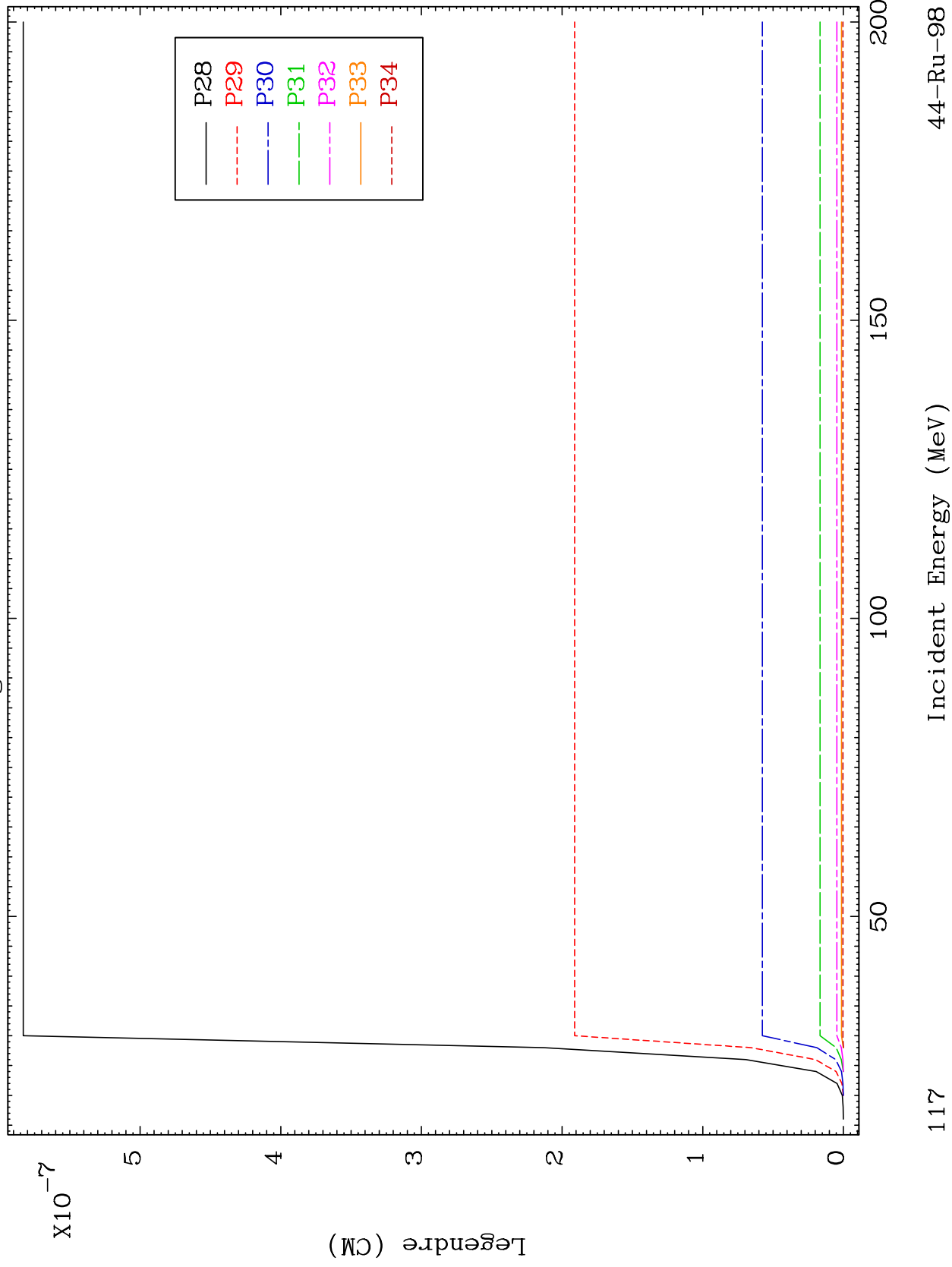
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

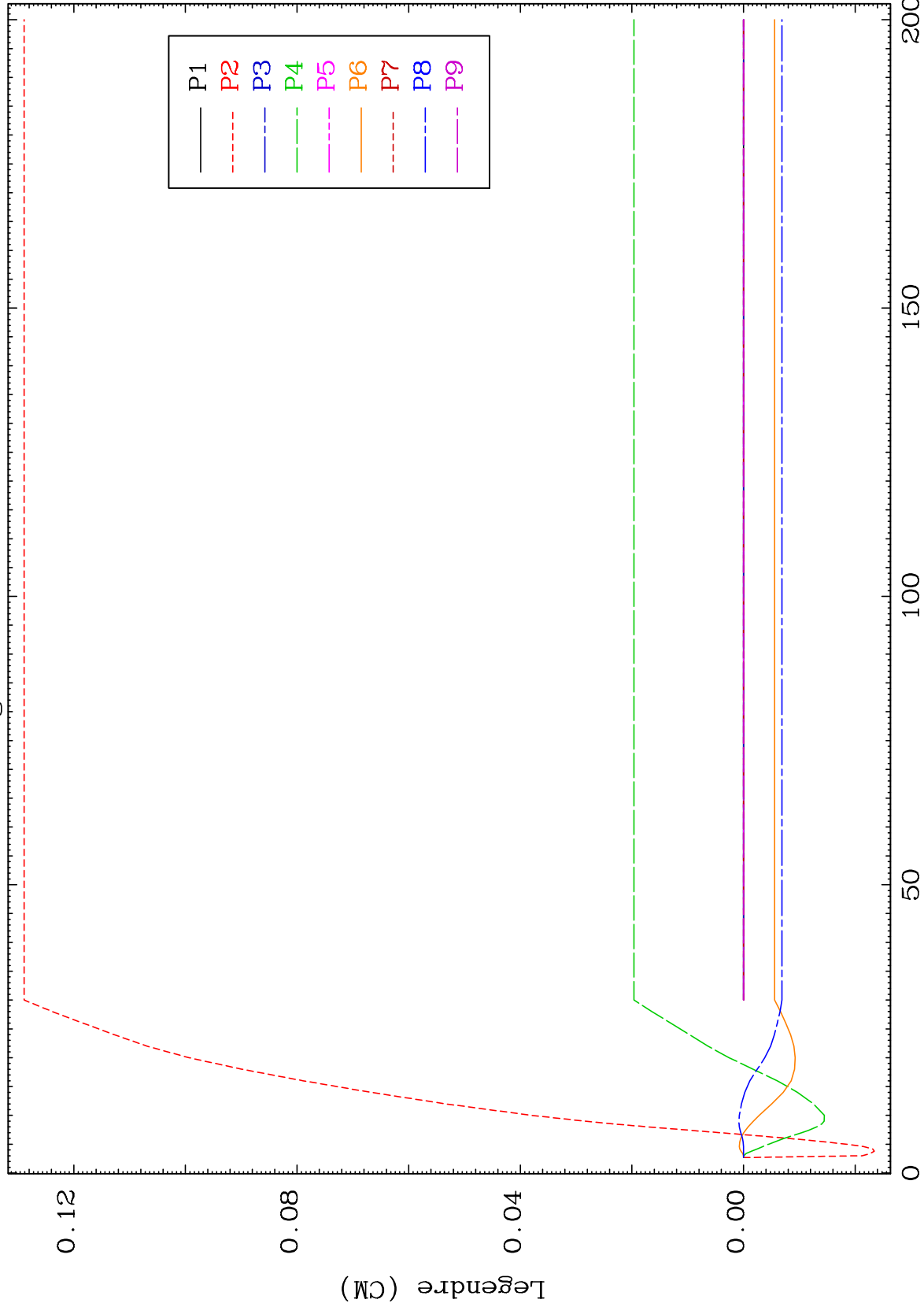
44-Ru-98



MAT 4431

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

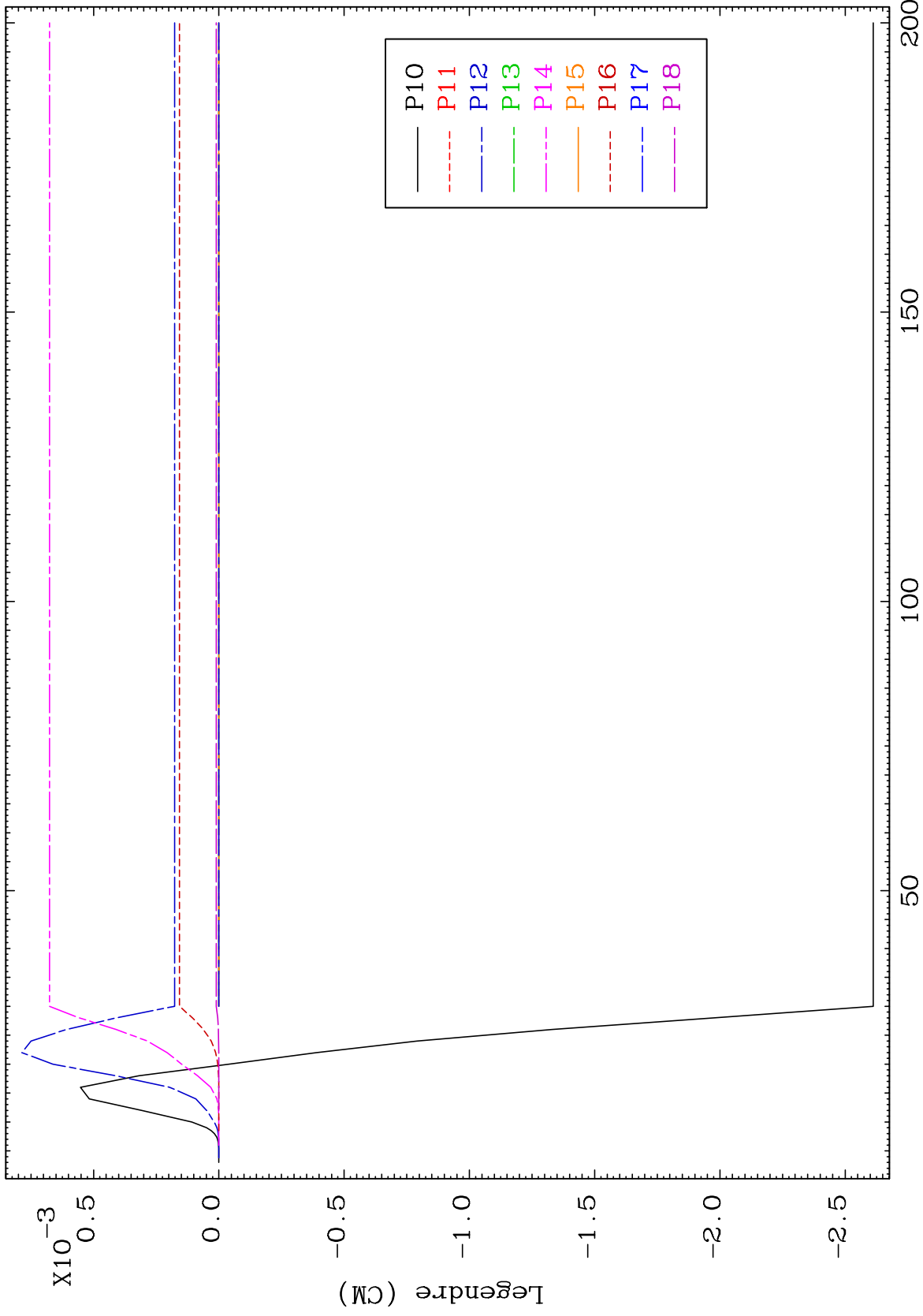
44-Ru-98

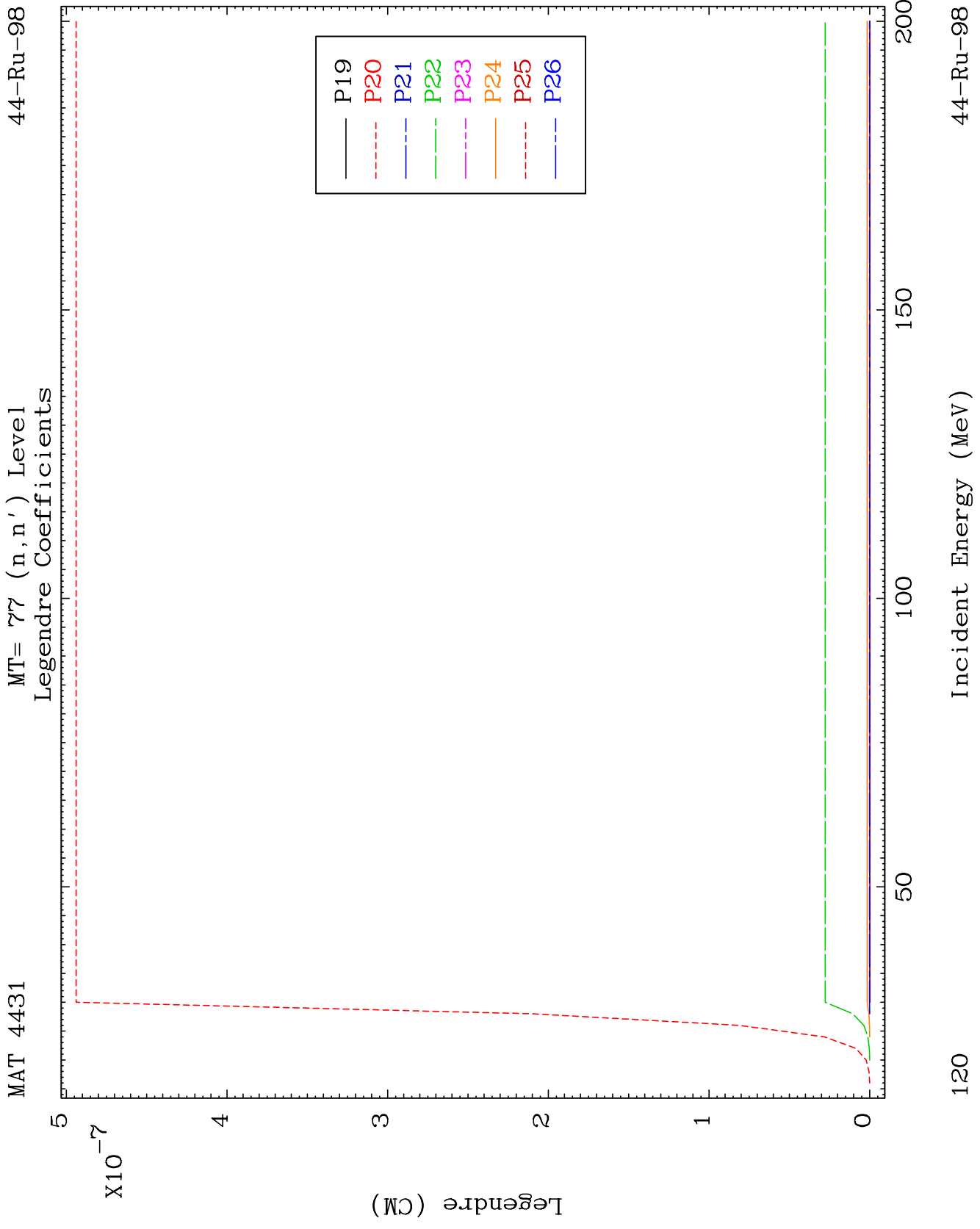


118

Incident Energy (MeV)

44-Ru-98

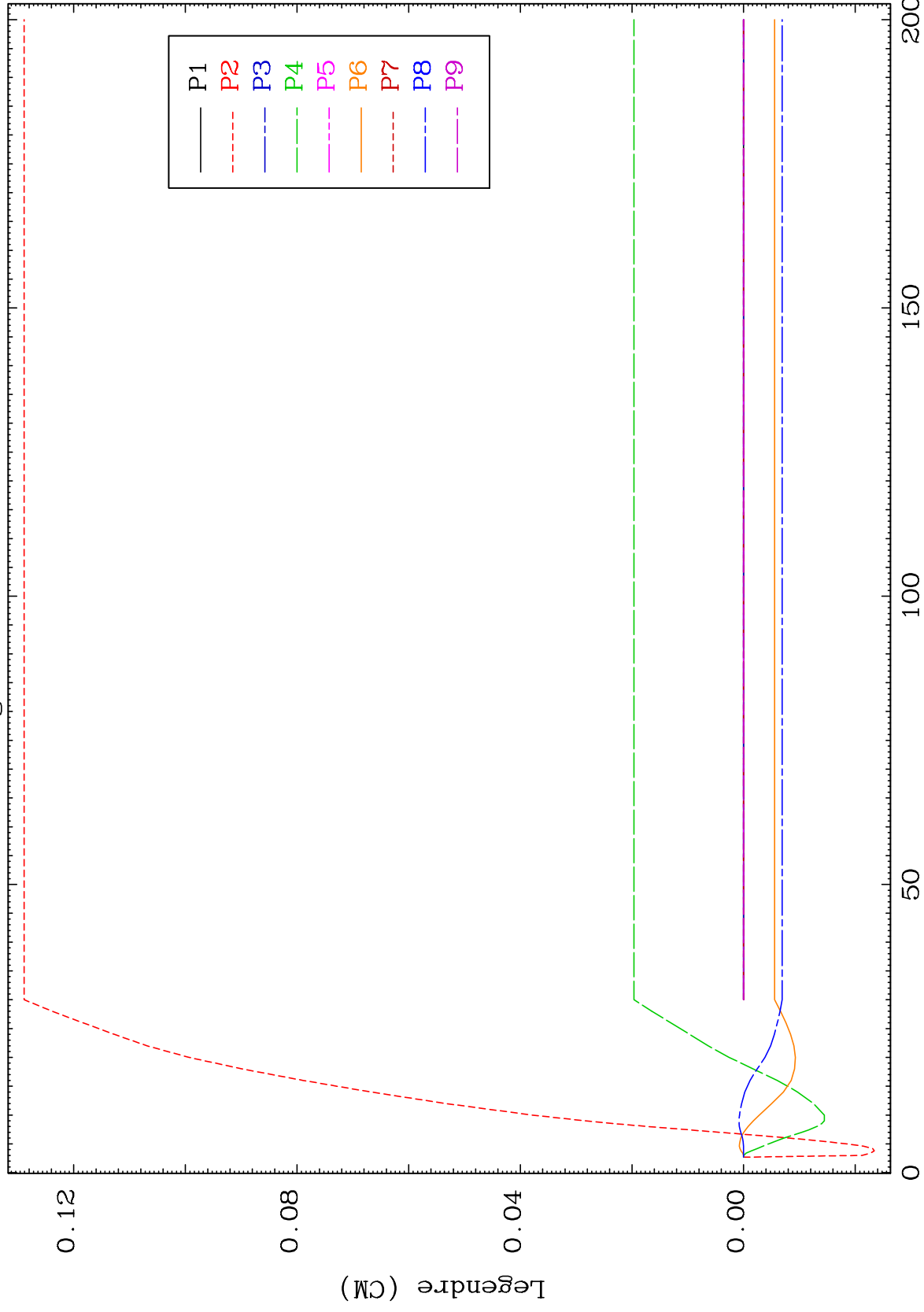




MAT 4431

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

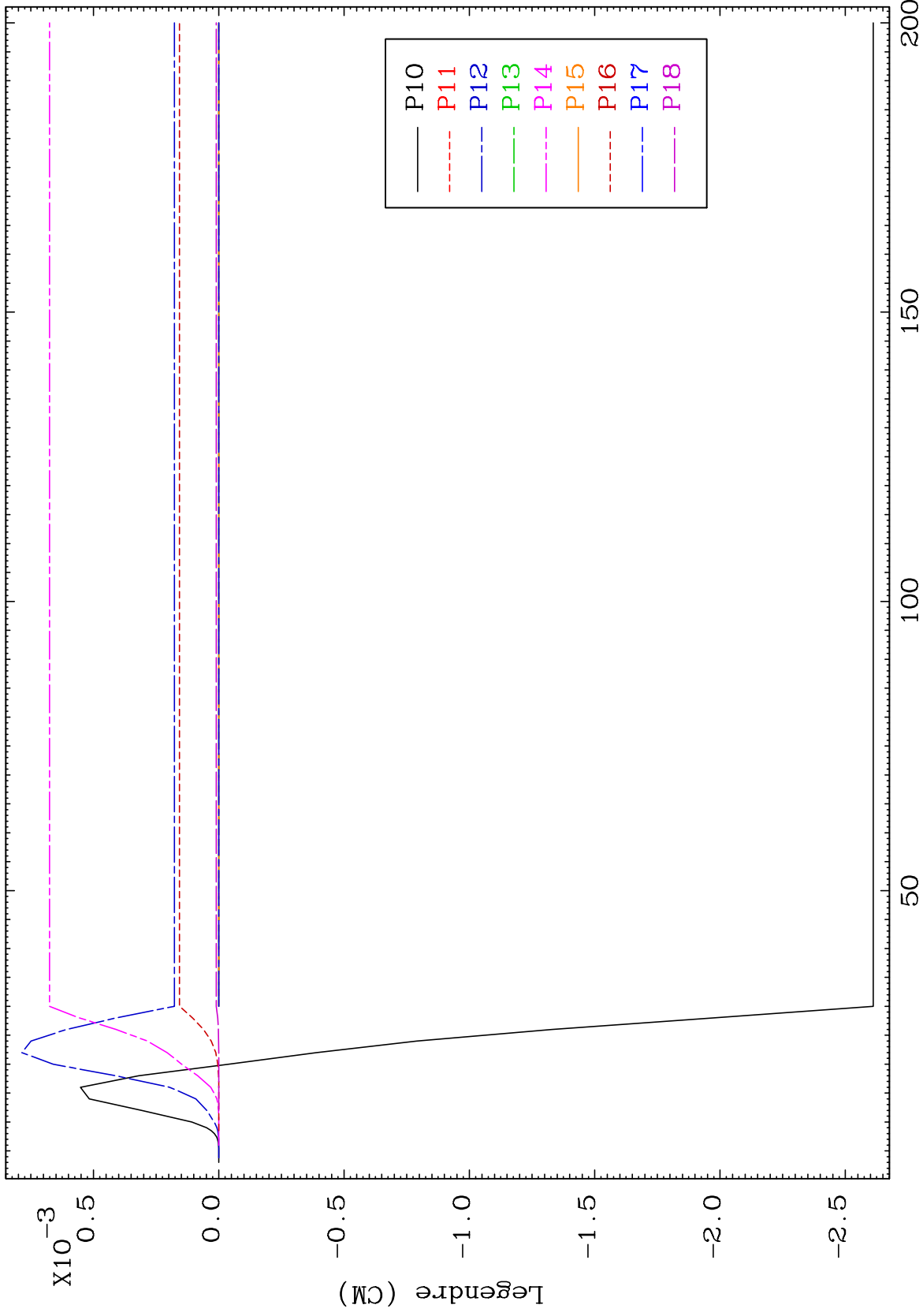
44-Ru-98

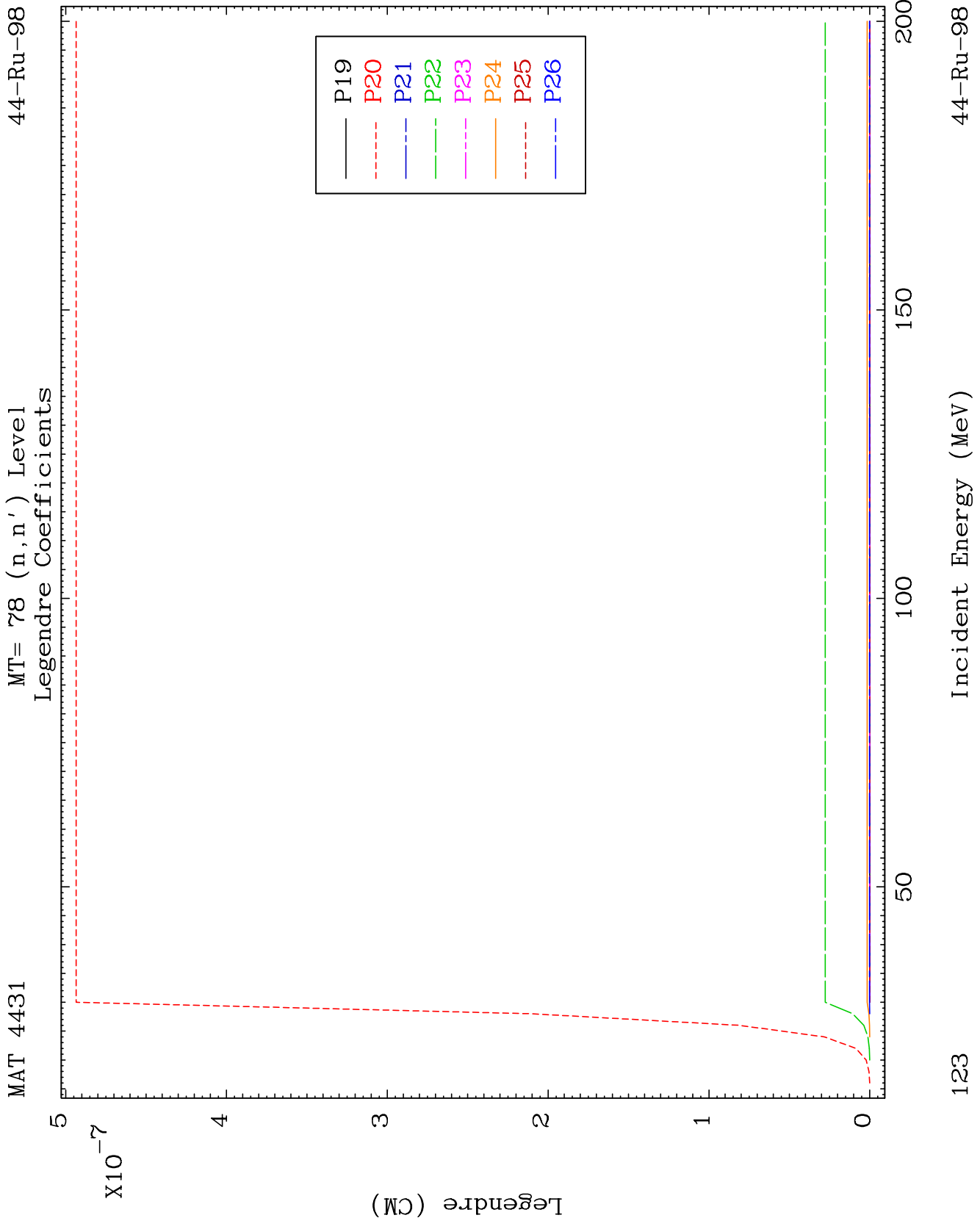


121

Incident Energy (MeV)

44-Ru-98

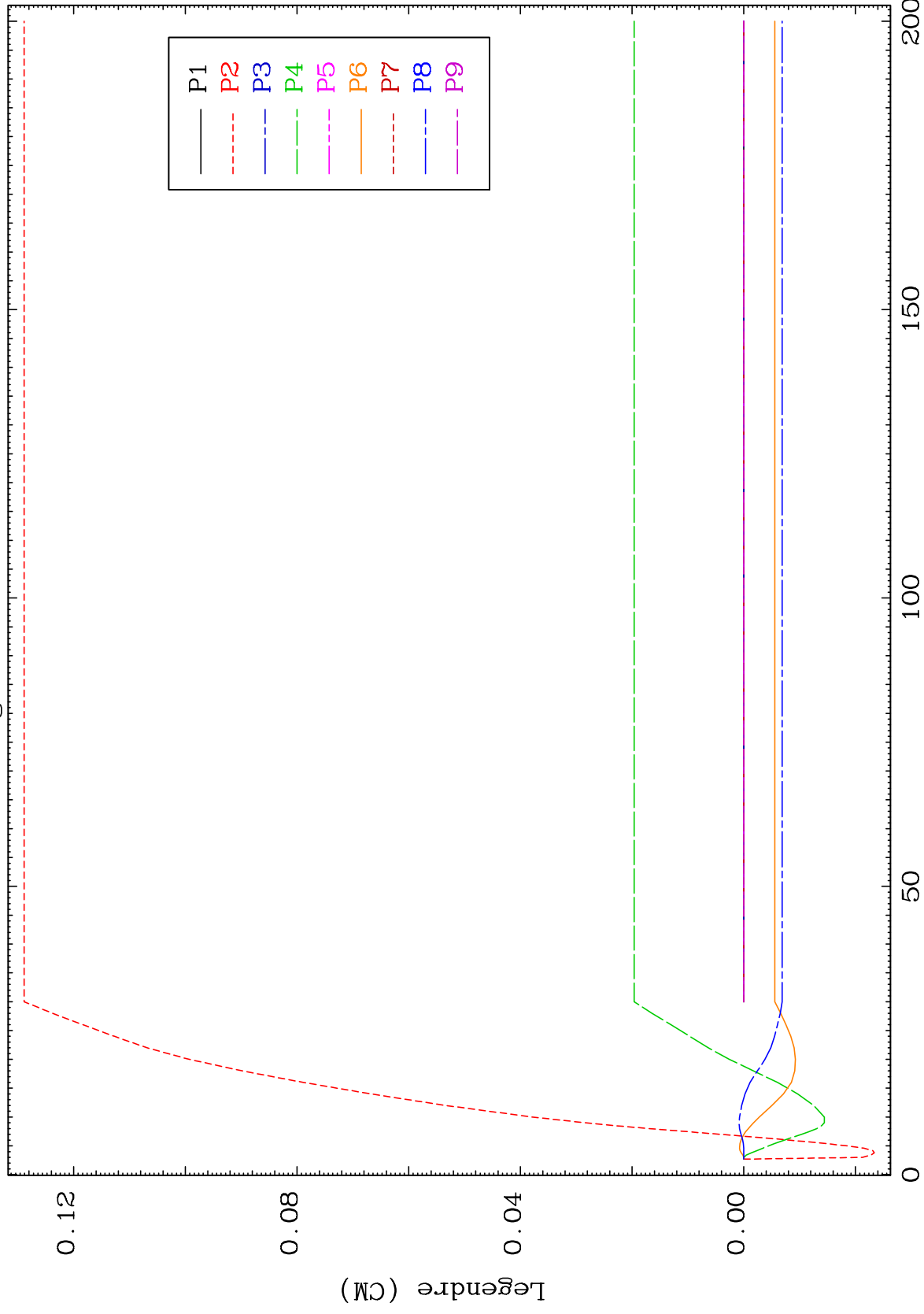




MAT 4431

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

44-Ru-98



124

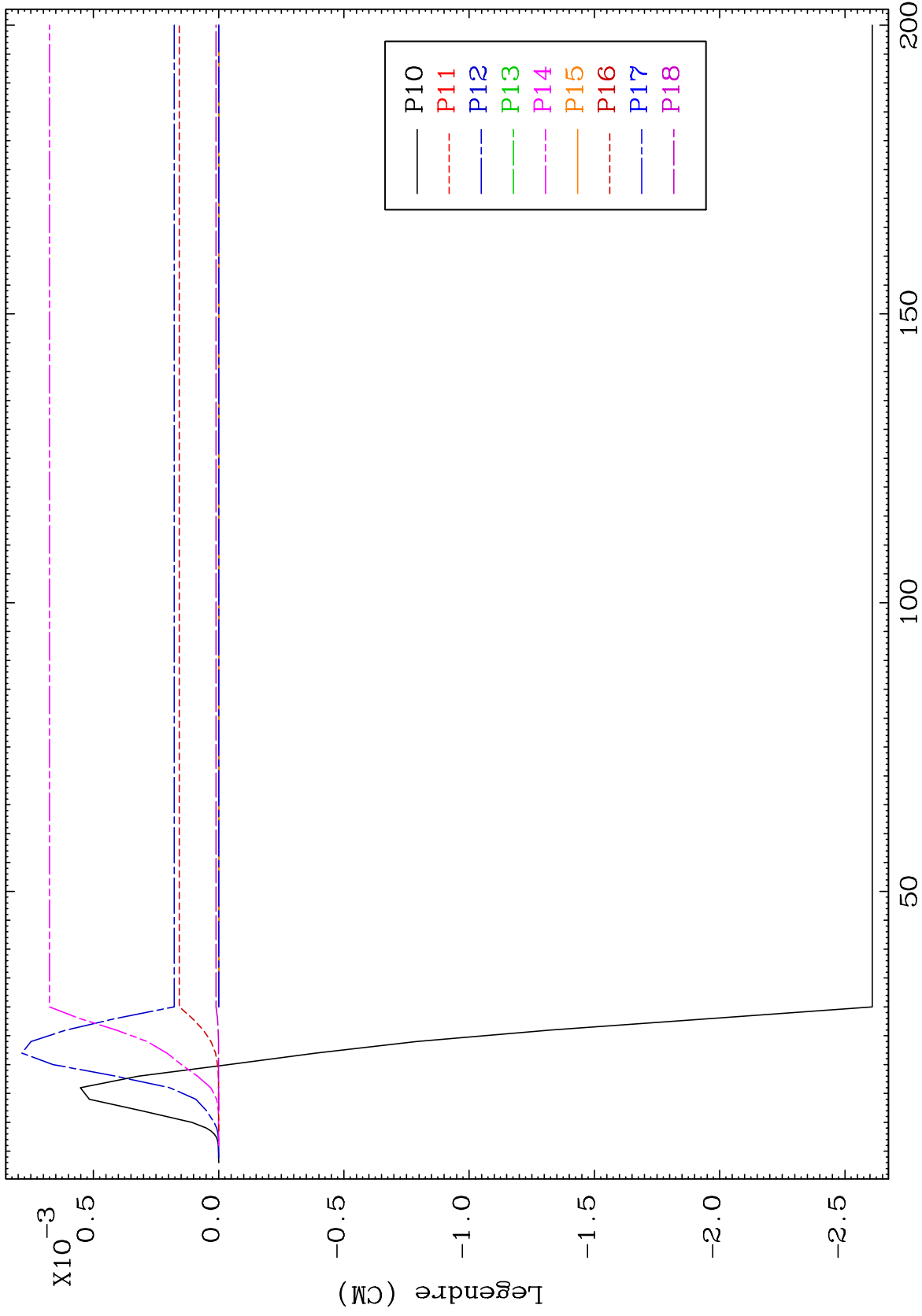
Incident Energy (MeV)

44-Ru-98

MAT 4431

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

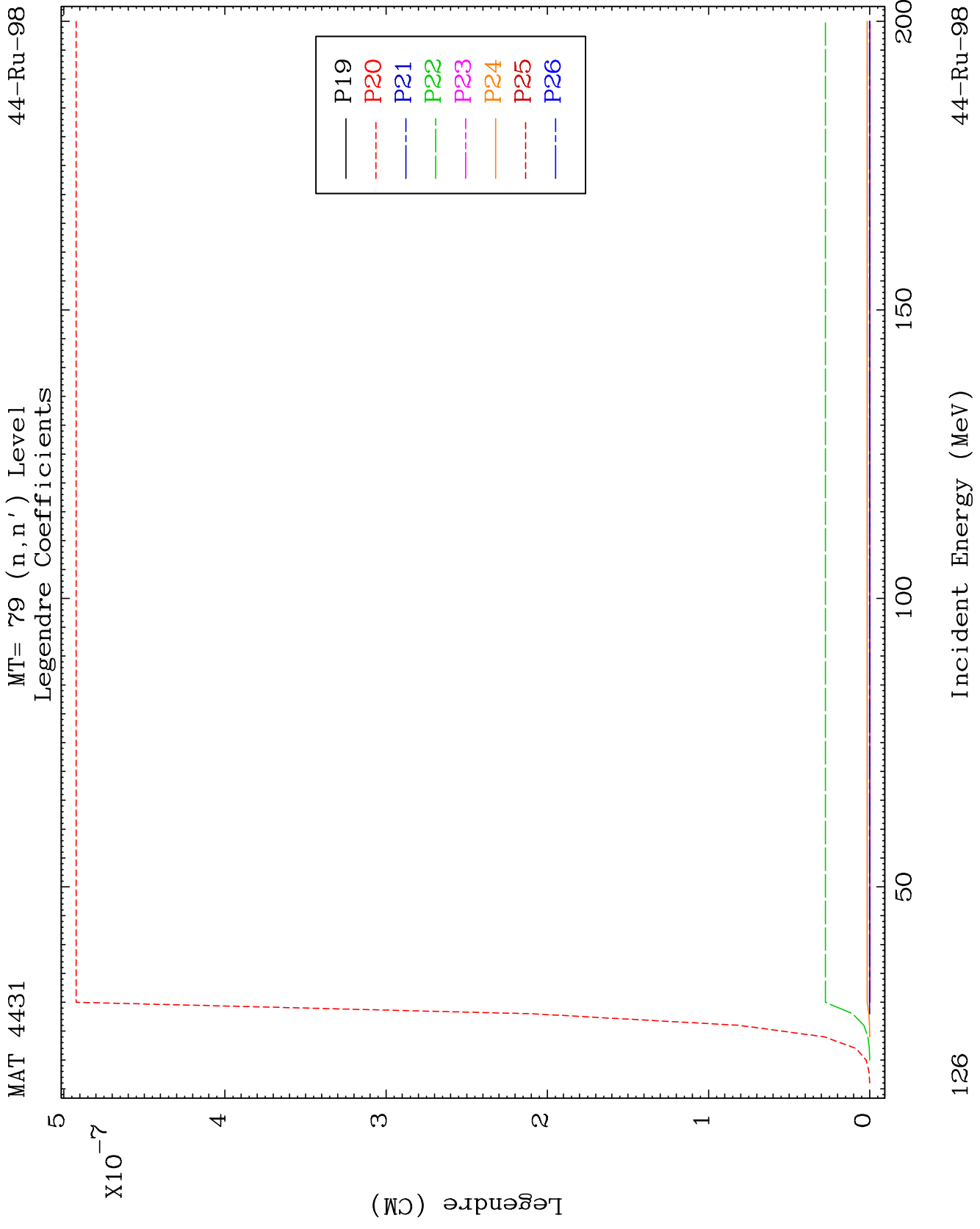
44-Ru-98

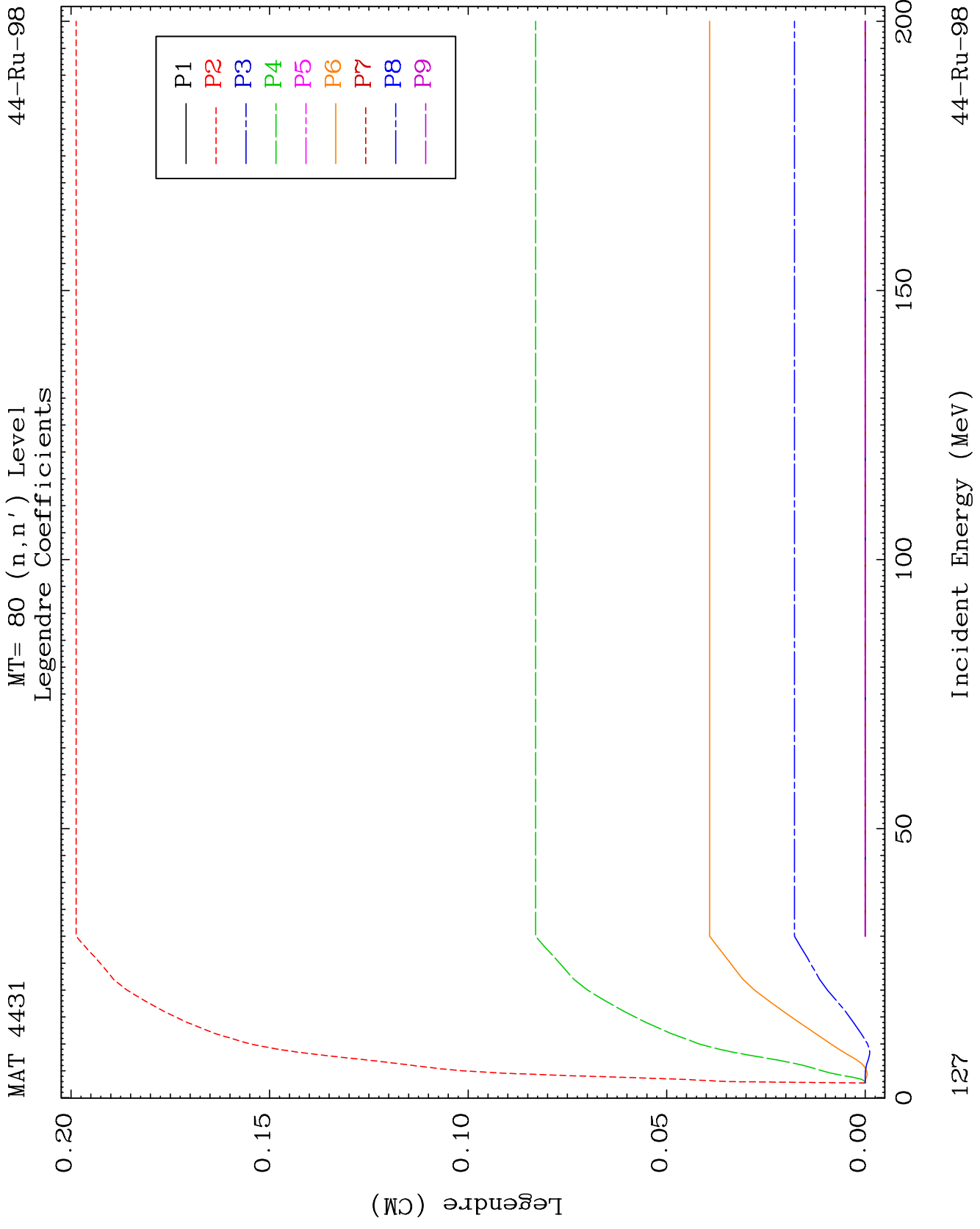


125

Incident Energy (MeV)

44-Ru-98

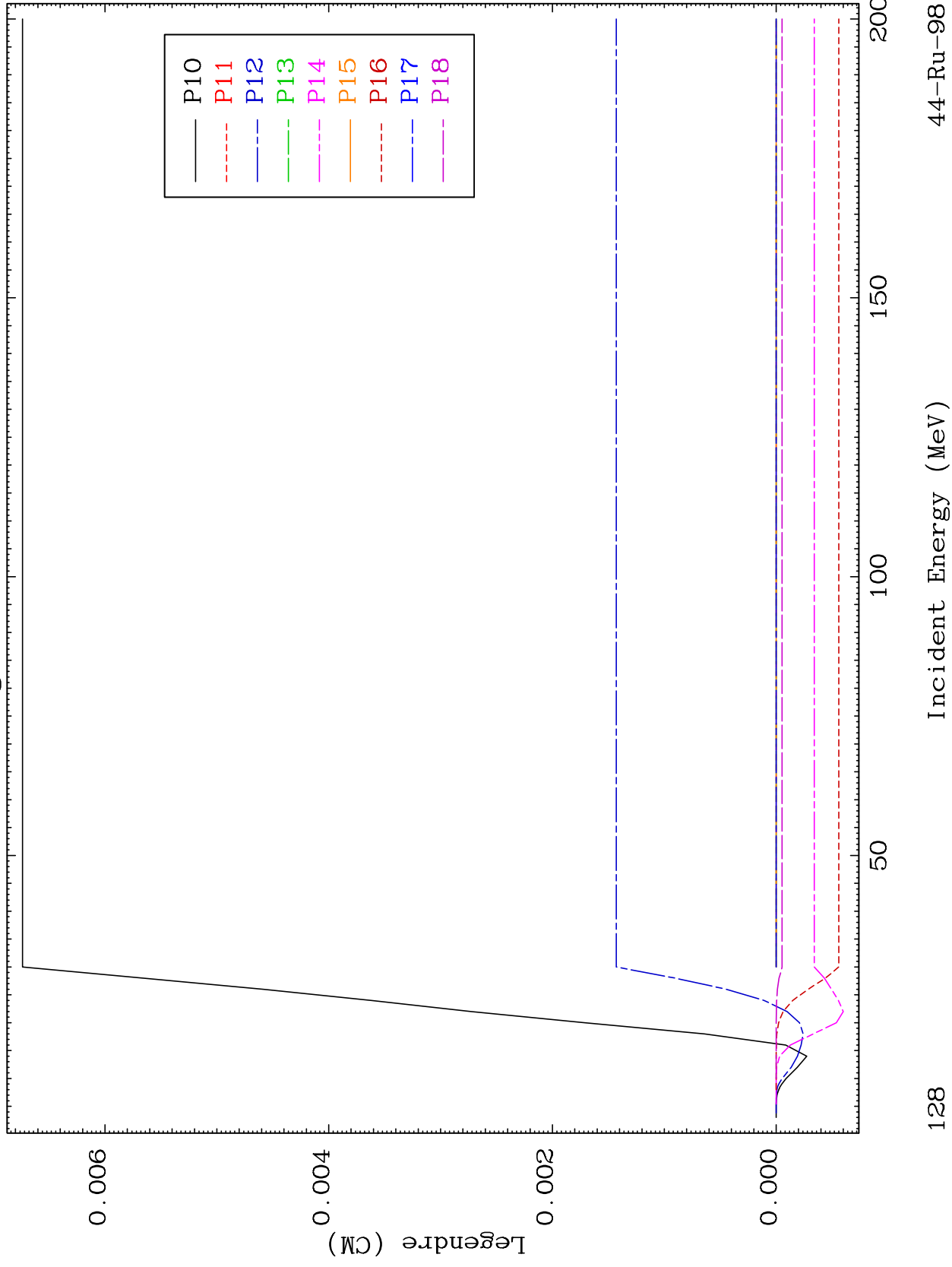




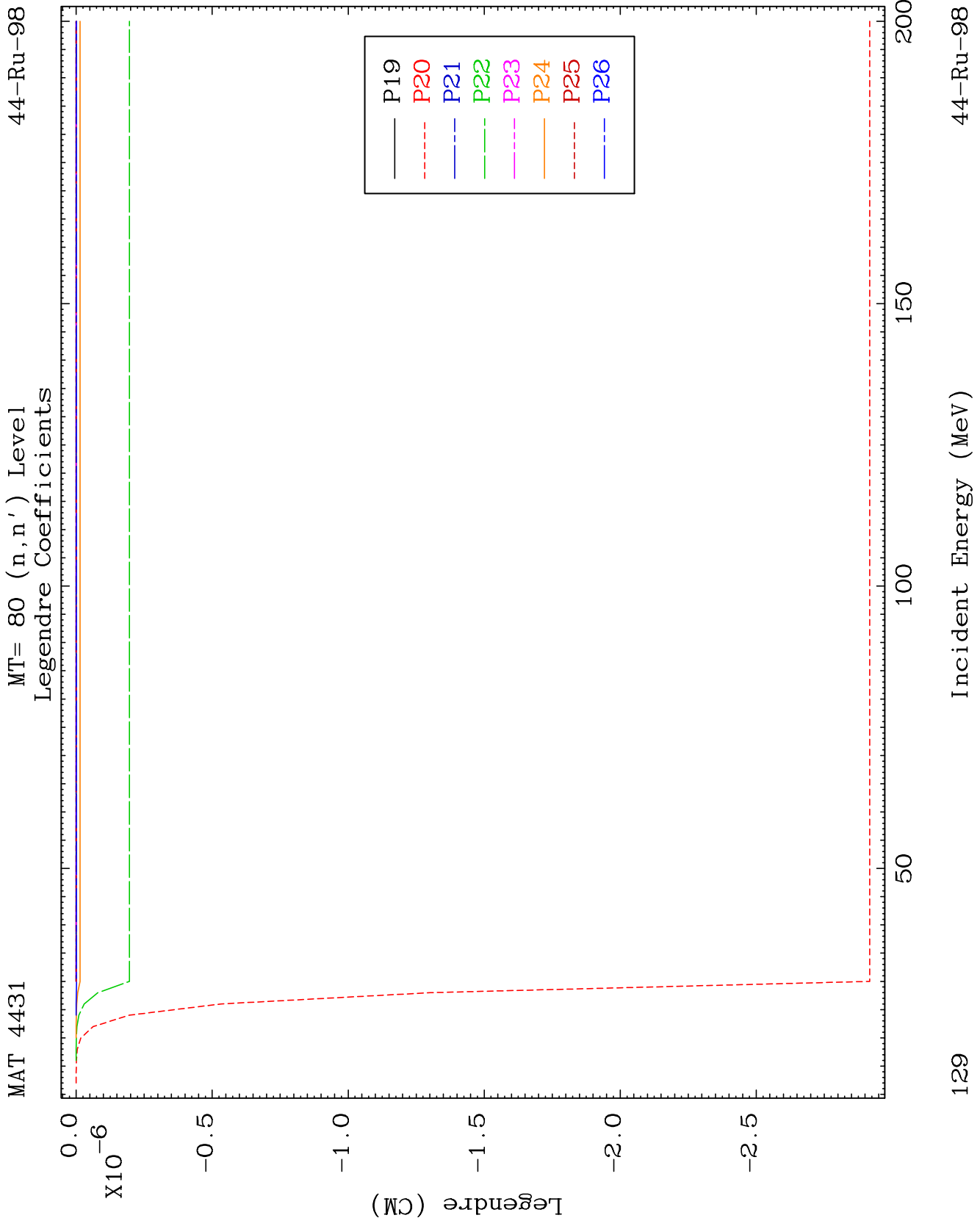
MAT 4431

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

44-Ru-98



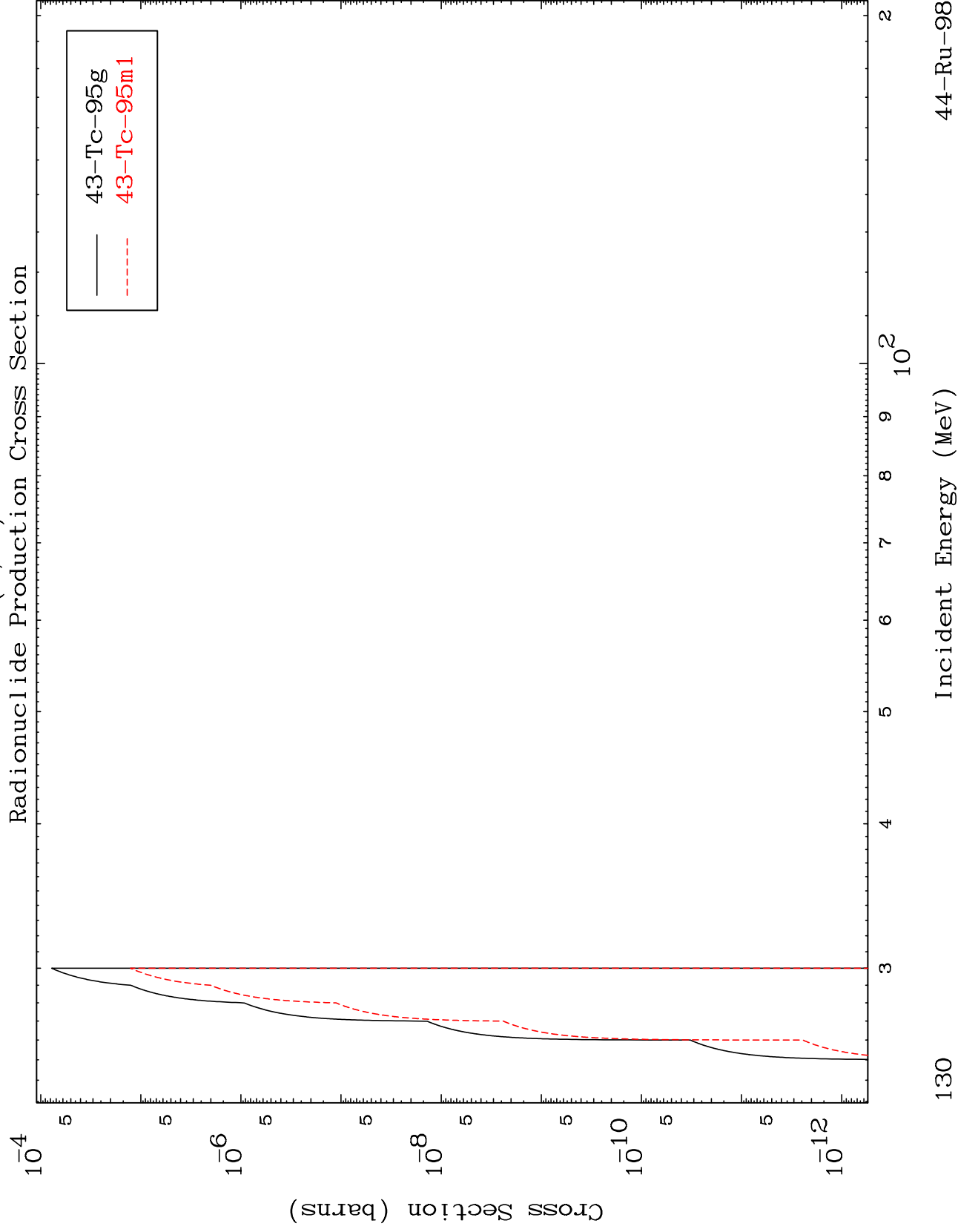
128



MAT 4431

(n,2n) d

44-Ru-98



130

Incident Energy (MeV)

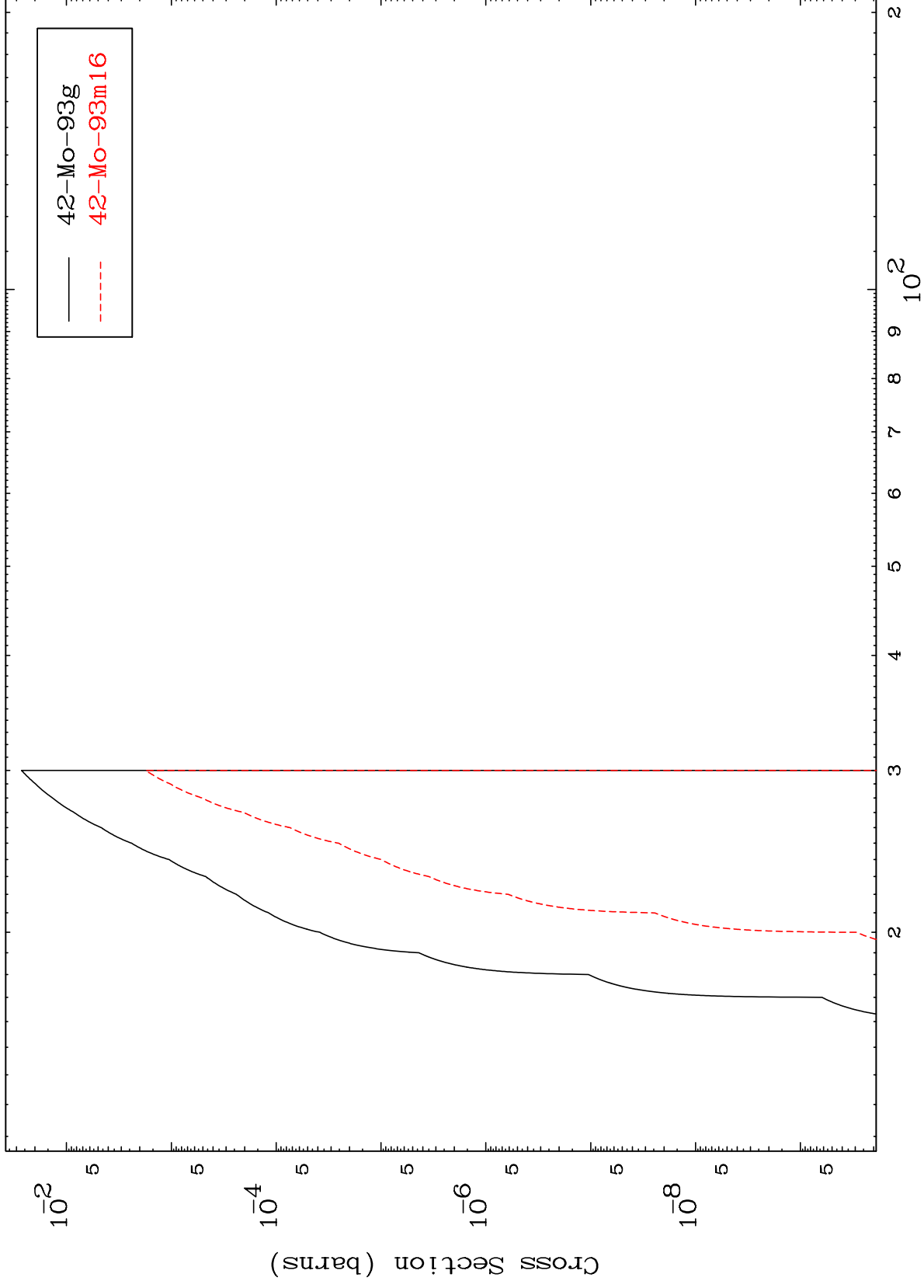
44-Ru-98

MAT 4431

(n,2n) α

44-Ru-98

Radionuclide Production Cross Section



131

Incident Energy (MeV)

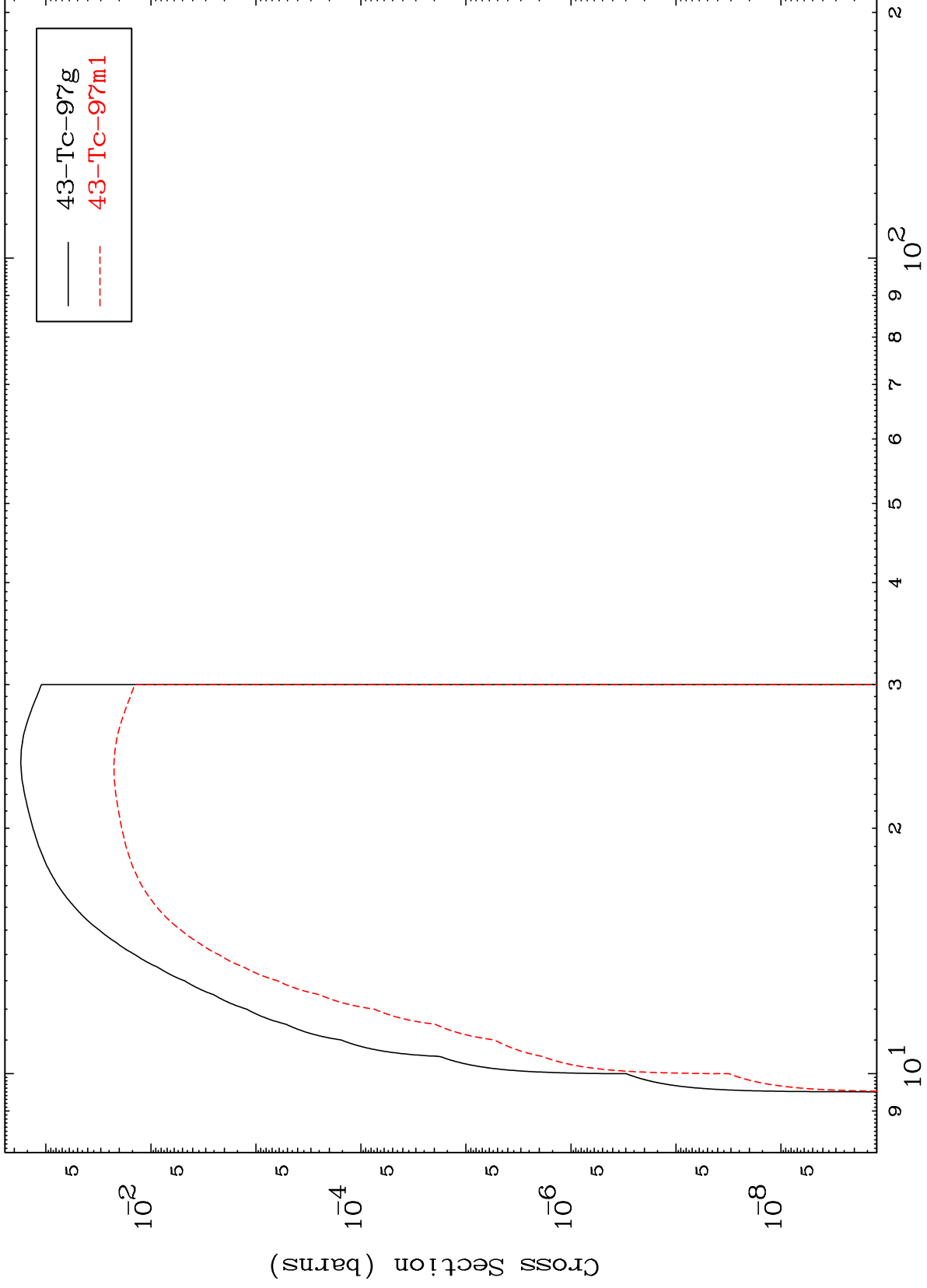
44-Ru-98

MAT 4431

(n,n') p

44-Ru-98

Radionuclide Production Cross Section



132

Incident Energy (MeV)

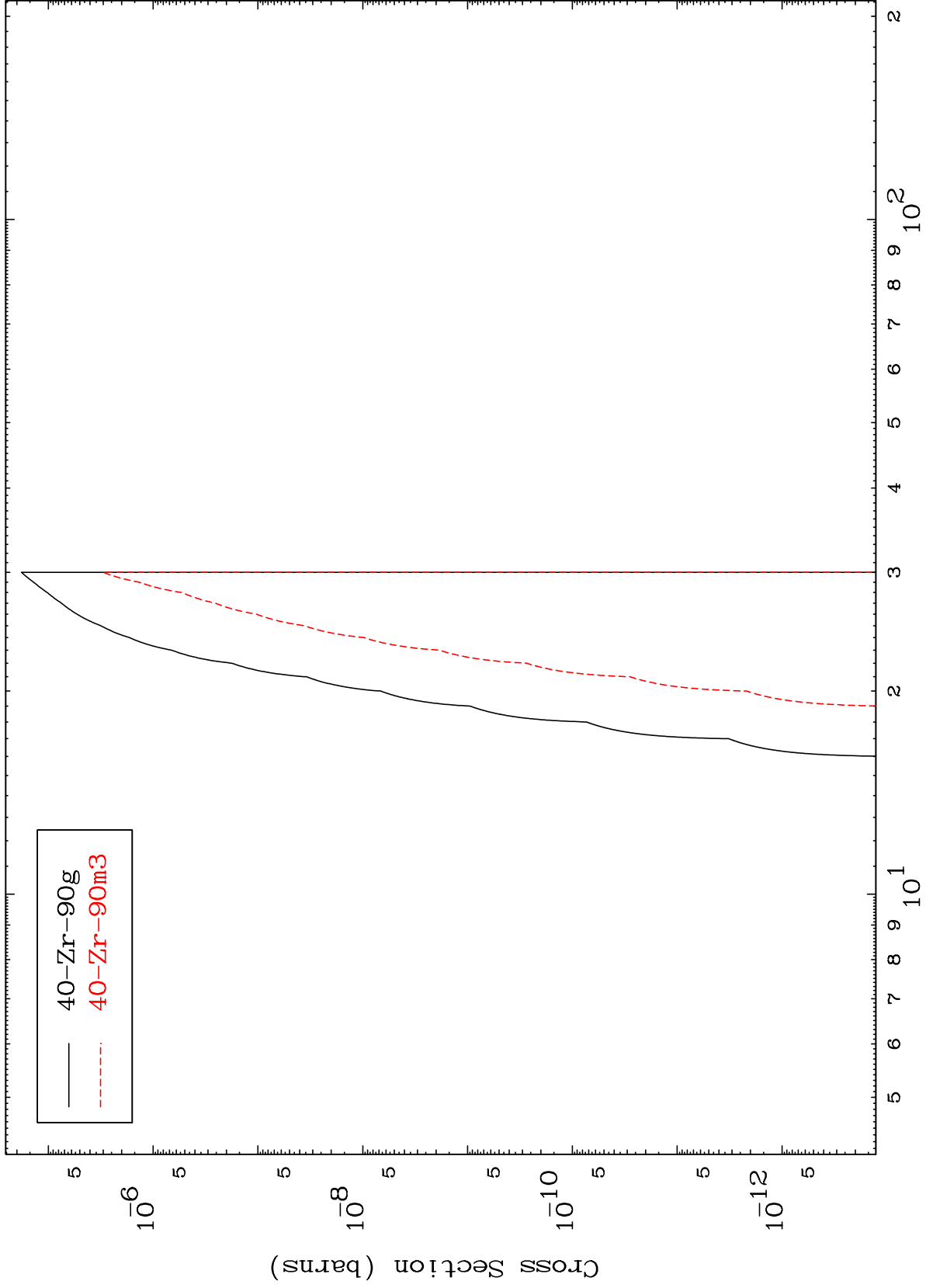
44-Ru-98

MAT 4431

(n,n') 2 α

44-Ru-98

Radionuclide Production Cross Section



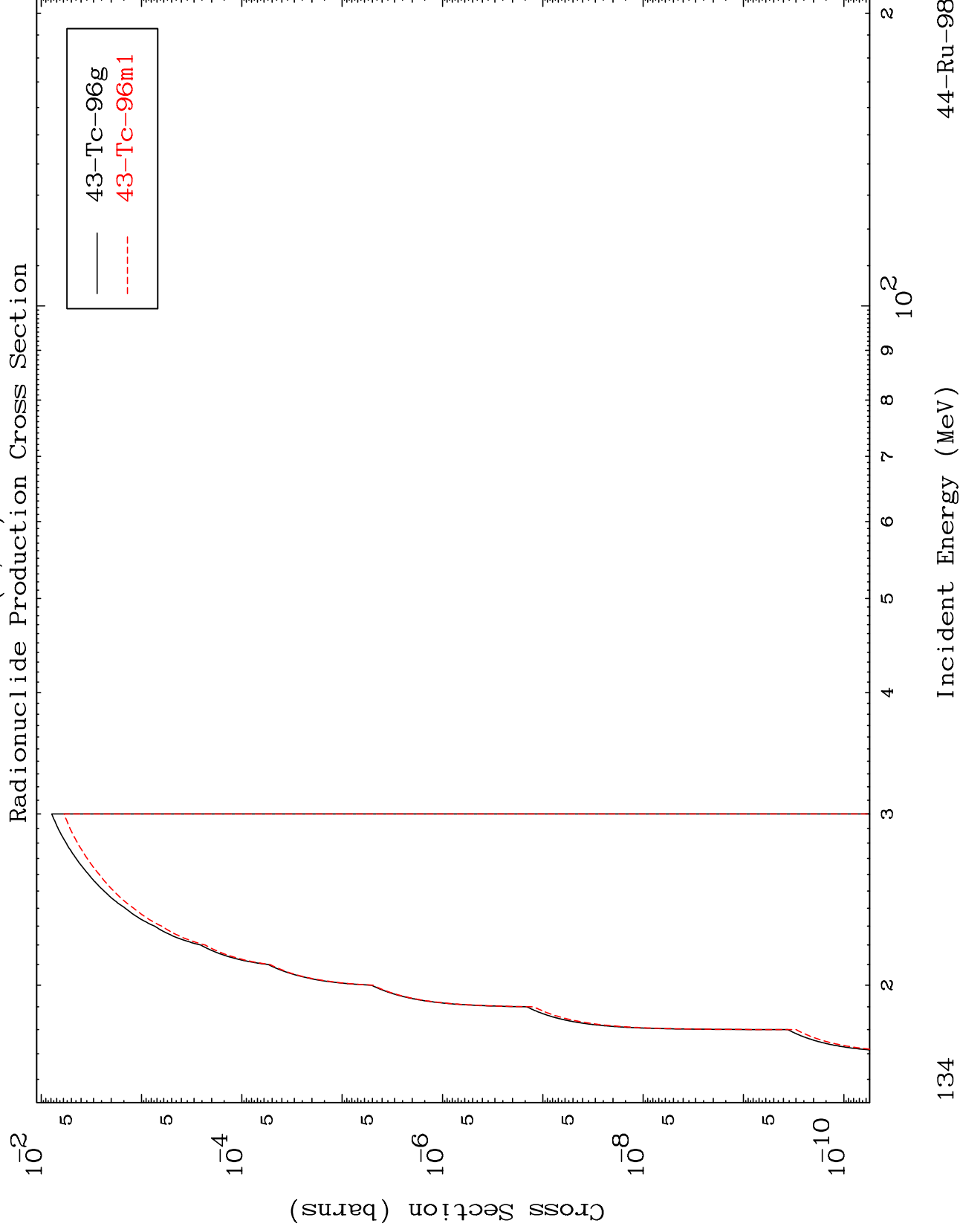
133

44-Ru-98

MAT 4431

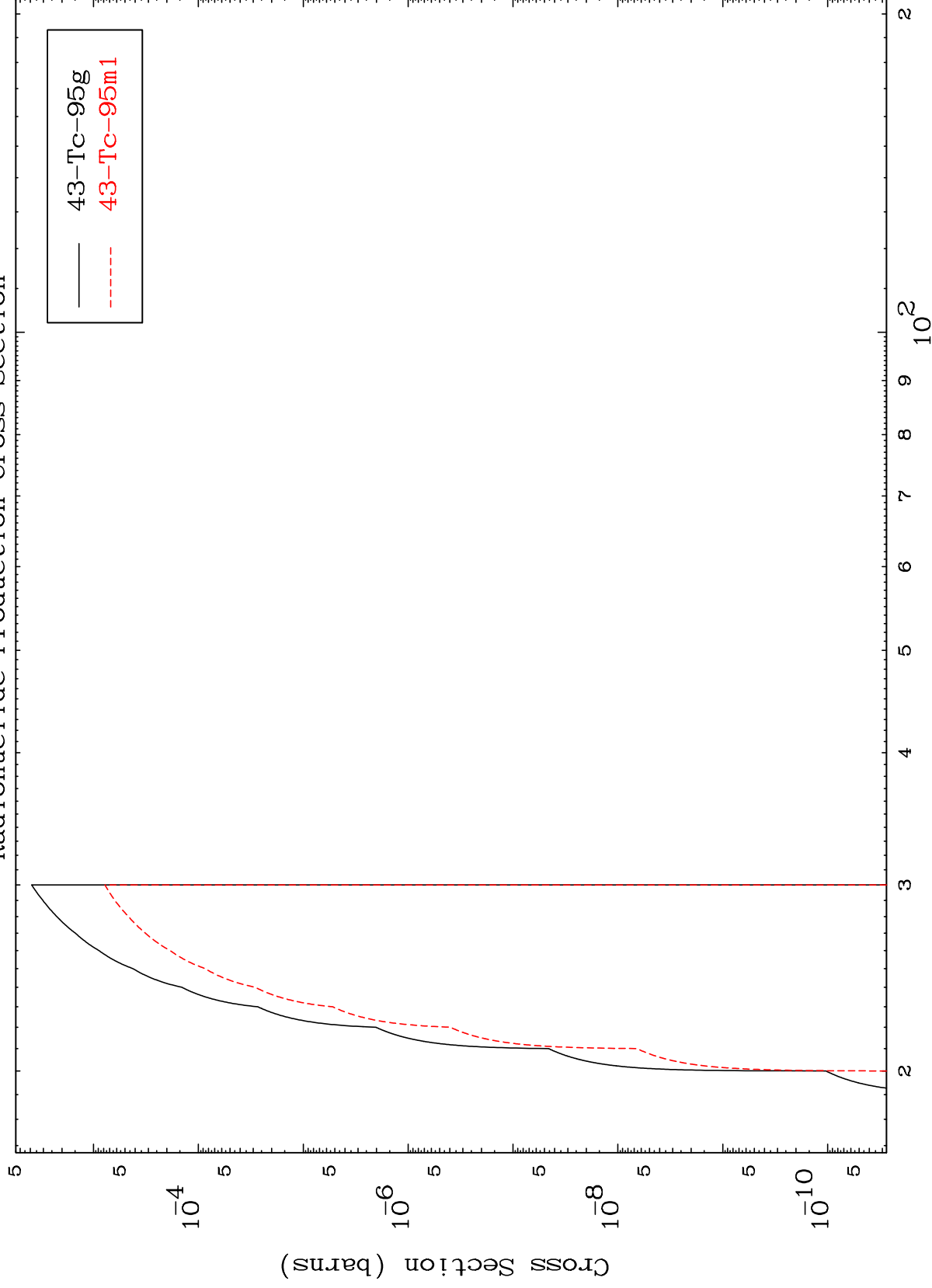
(n,n') d

44-Ru-98

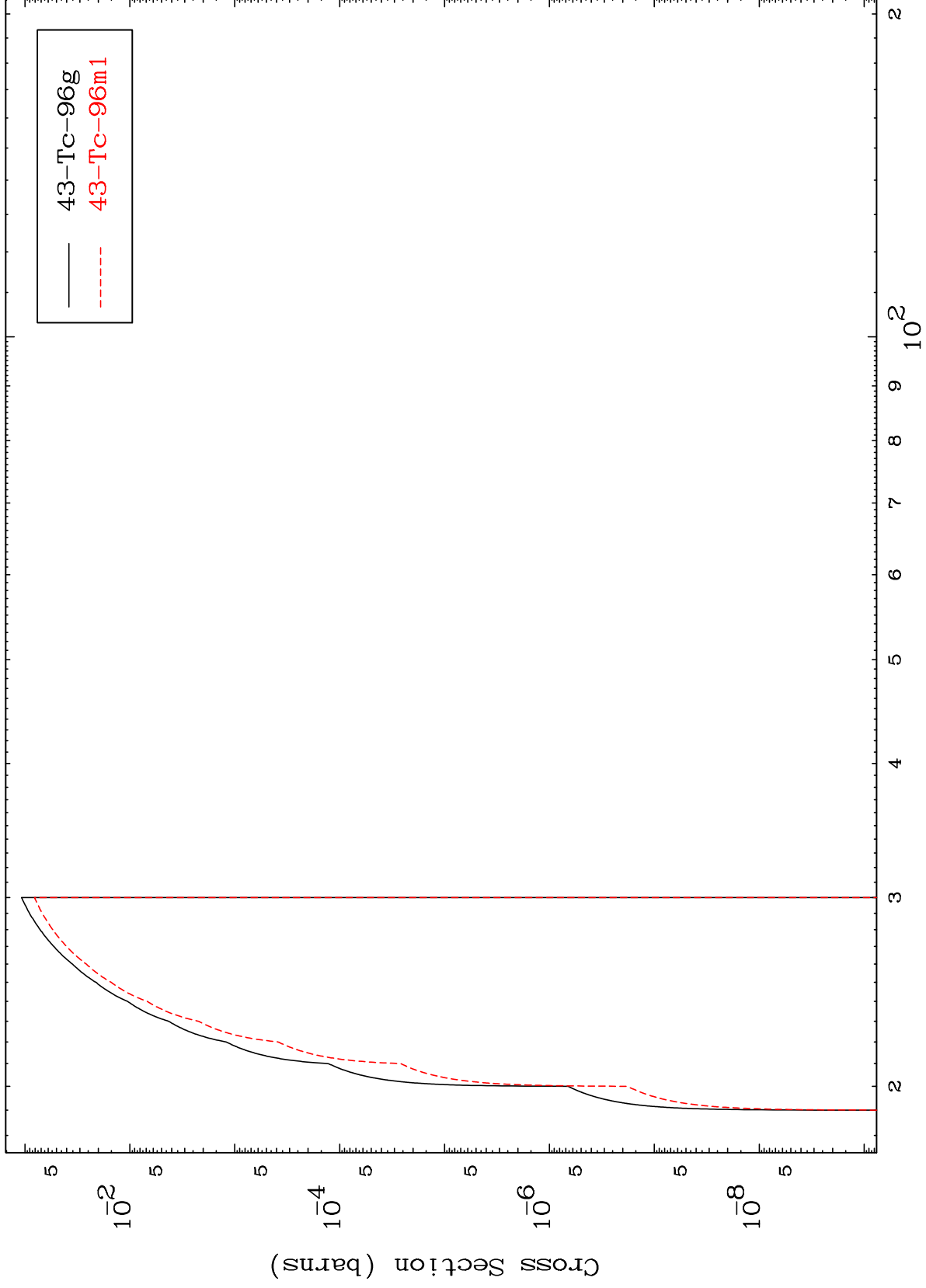


134

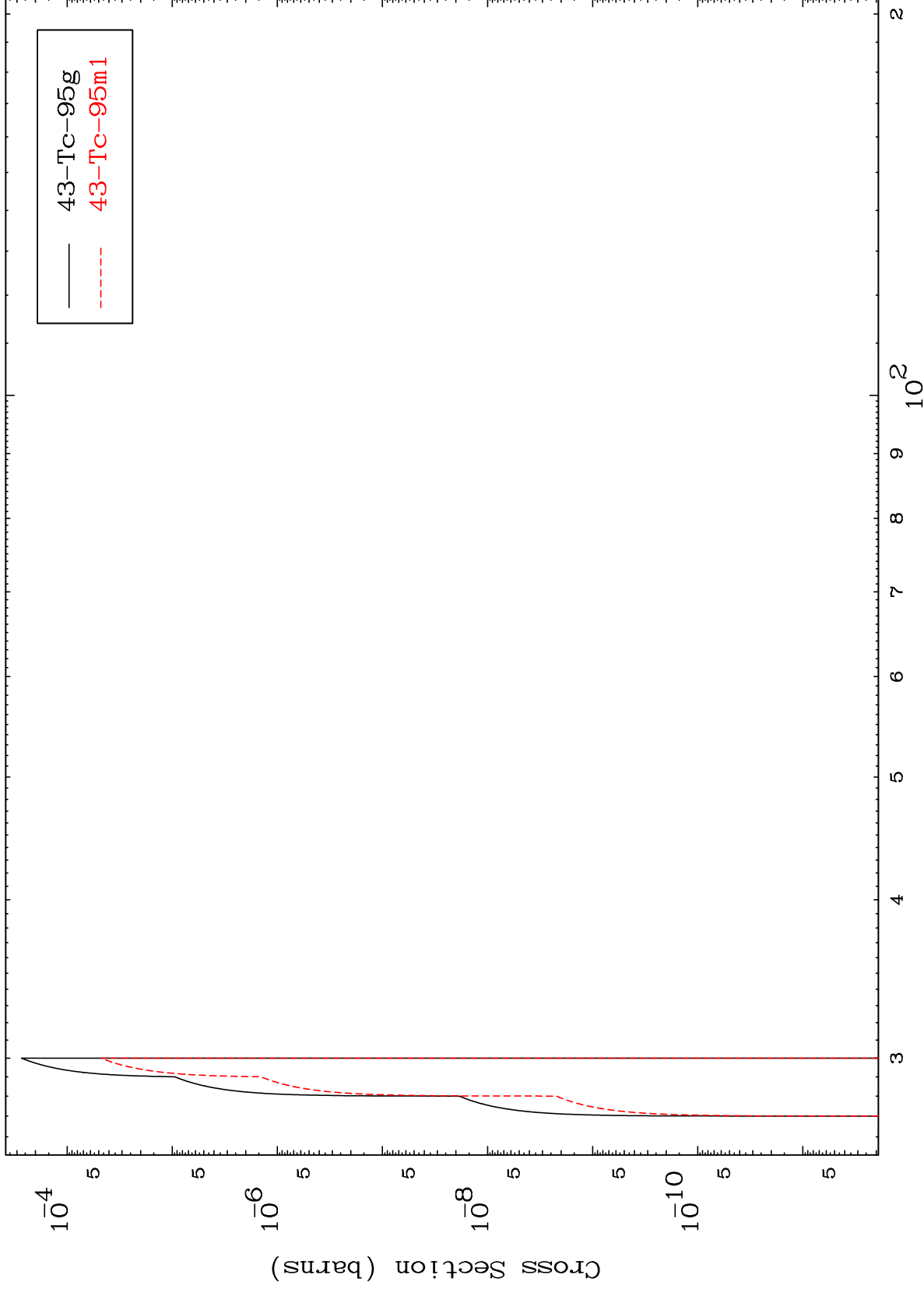
Radionuclide Production Cross Section



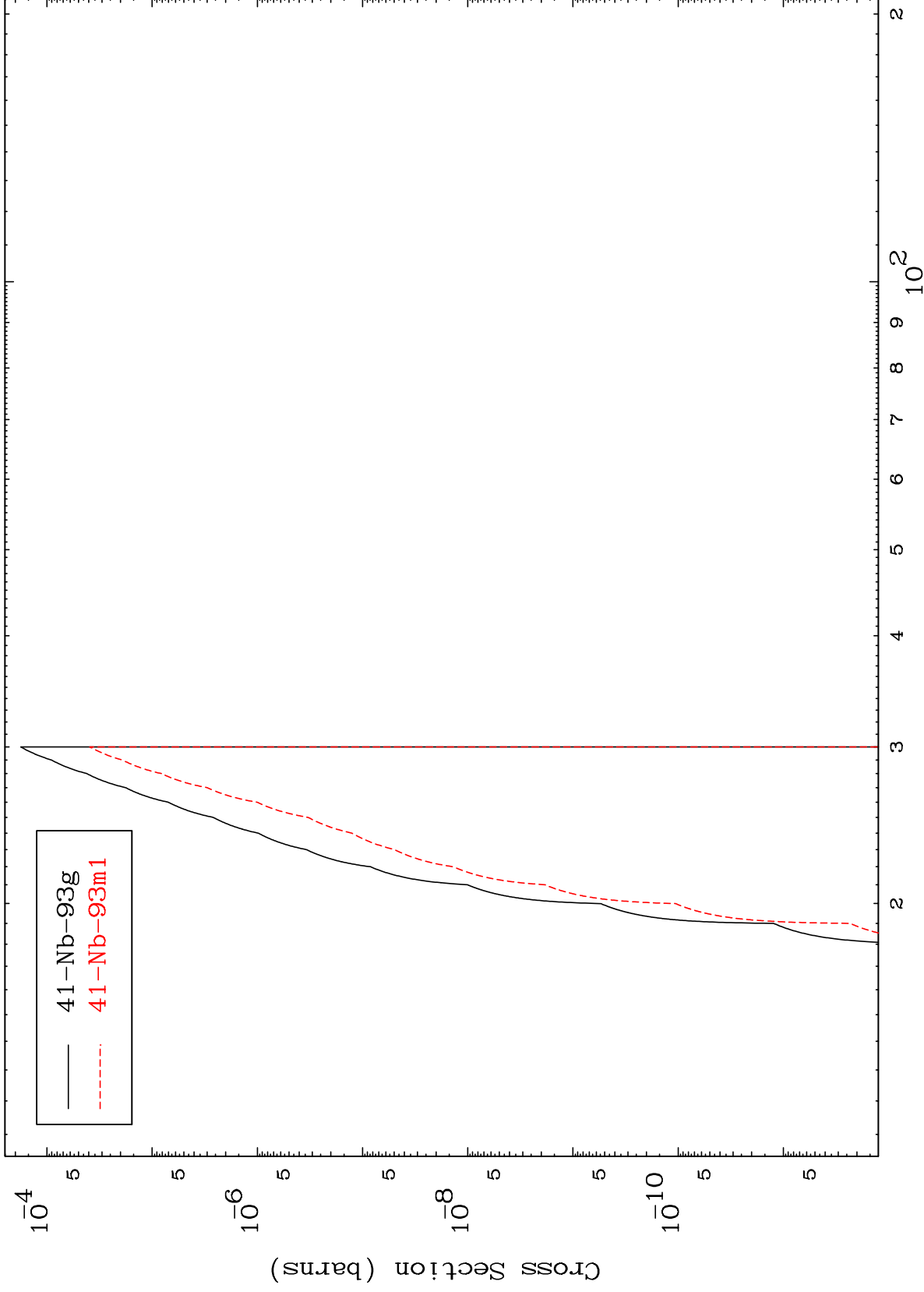
Radionuclide Production Cross Section



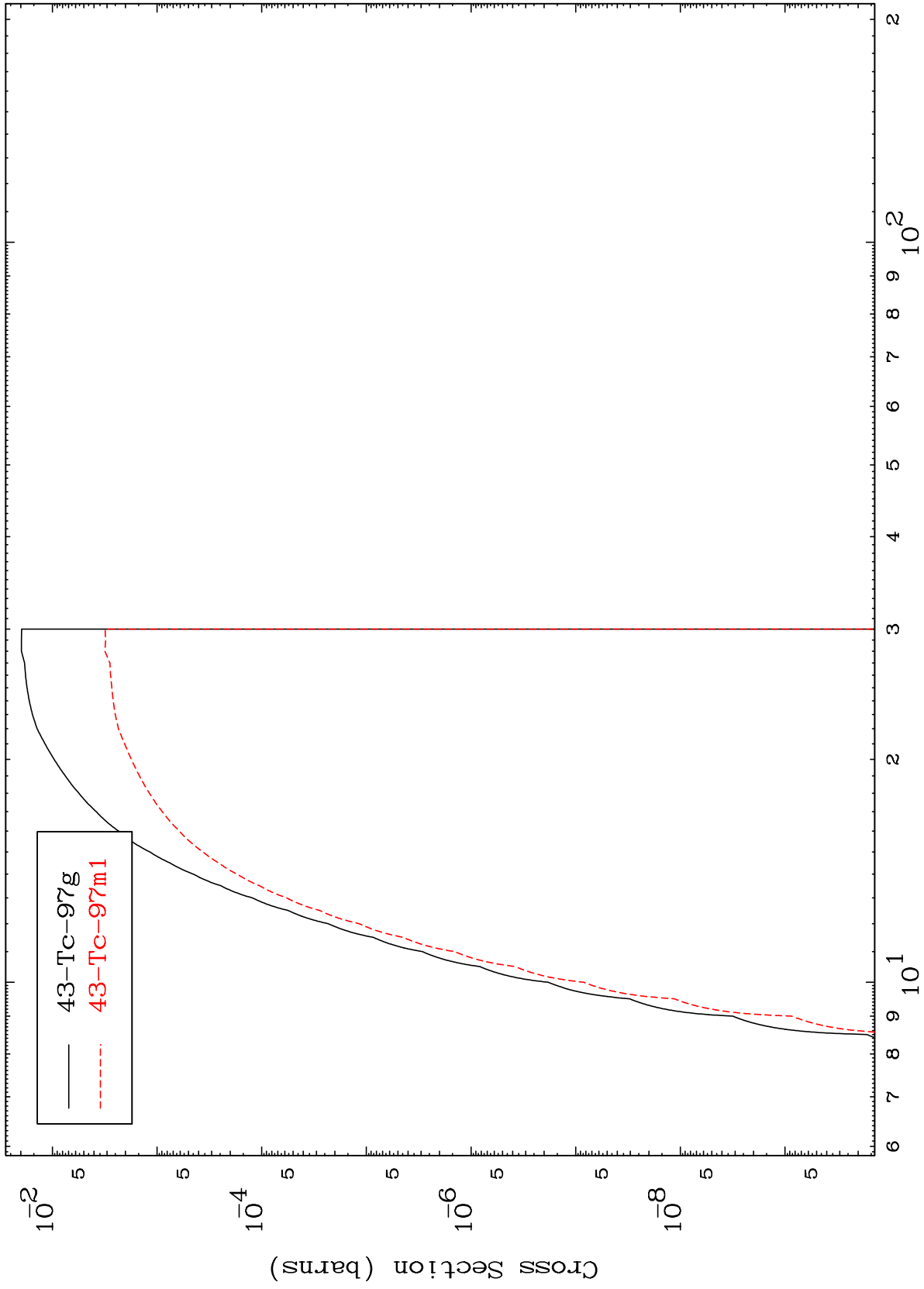
Radionuclide Production Cross Section



Radionuclide Production Cross Section



(n,d)
Radionuclide Production Cross Section

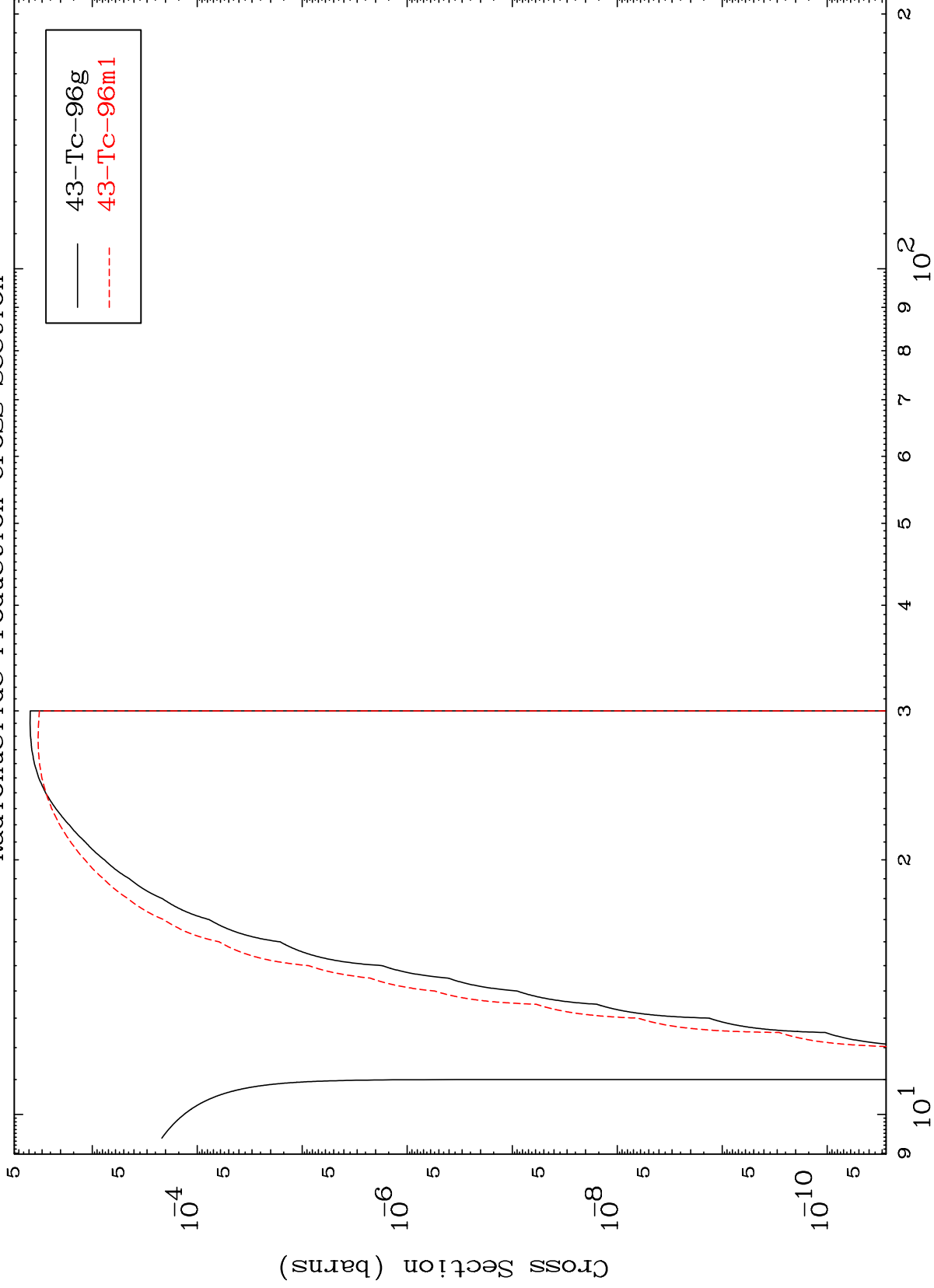


MAT 4431

(n, t)

44-Ru-98

Radionuclide Production Cross Section



Incident Energy (MeV)

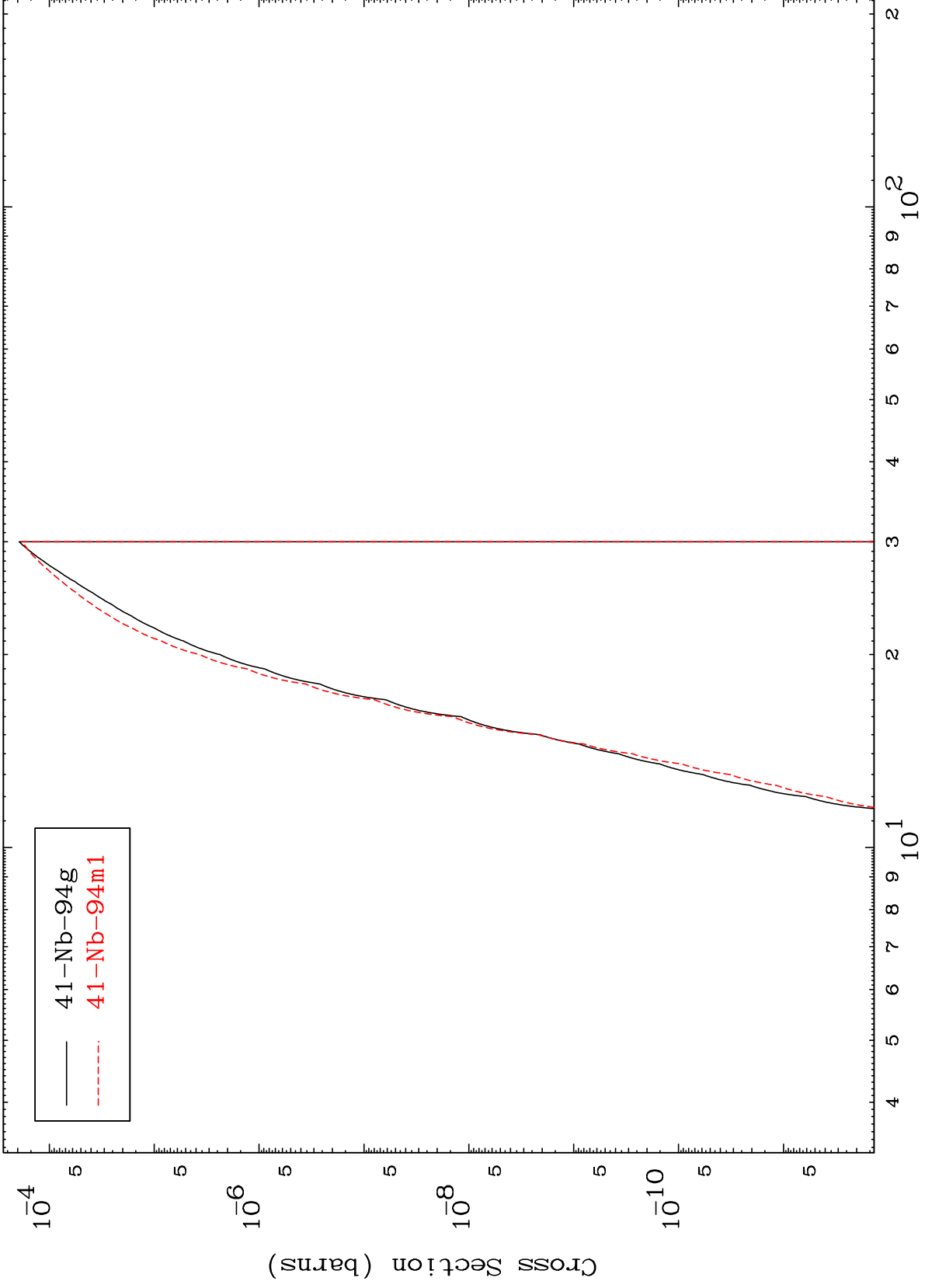
44-Ru-98

MAT 4431

(n,p) α

44-Ru-98

Radionuclide Production Cross Section



141

Incident Energy (MeV)

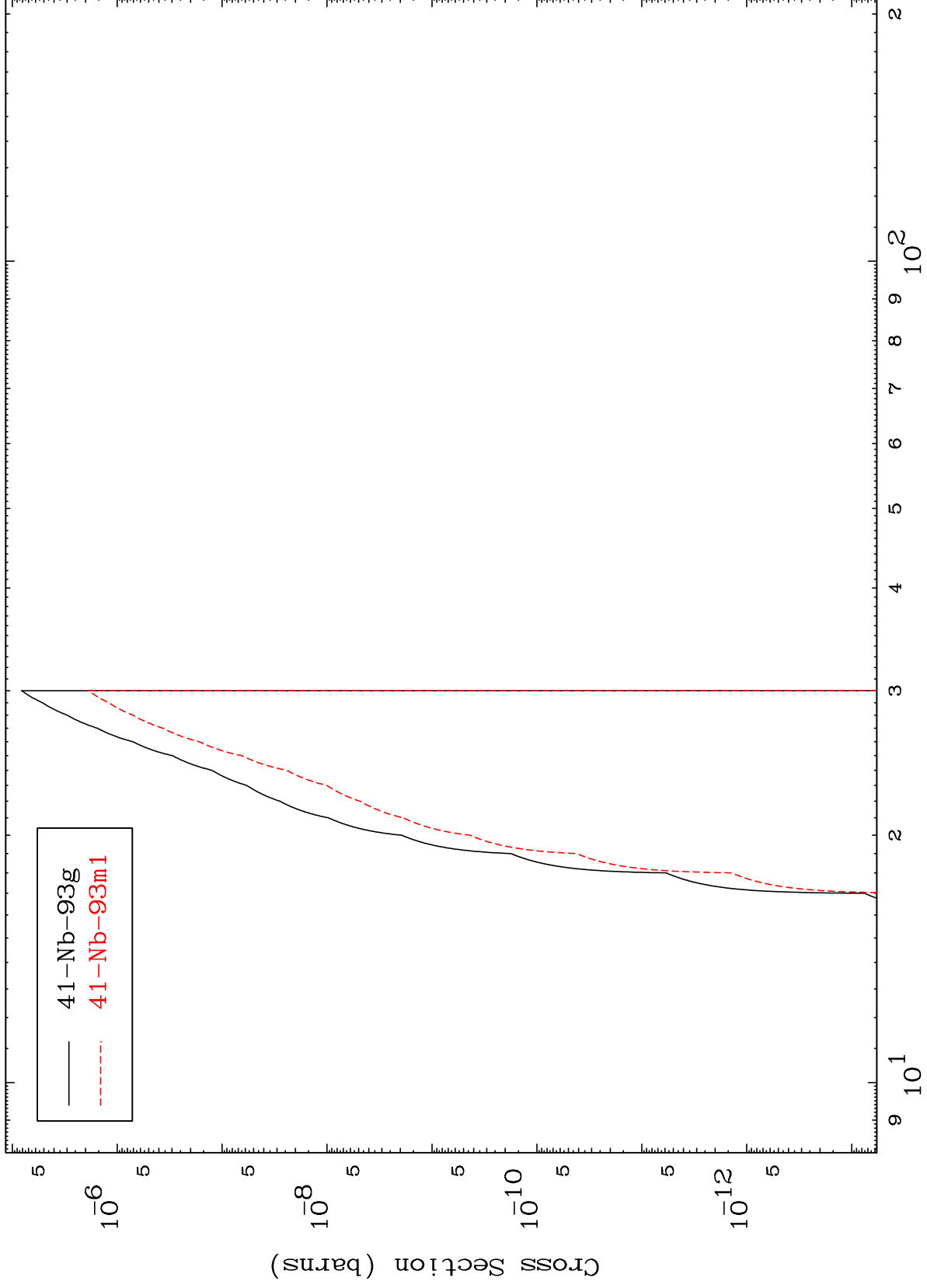
44-Ru-98

MAT 4431

(n,d) α

44-Ru-98

Radionuclide Production Cross Section



142

Incident Energy (MeV)

44-Ru-98