

Program EVALPLOT  
(Version 2015-2)

by

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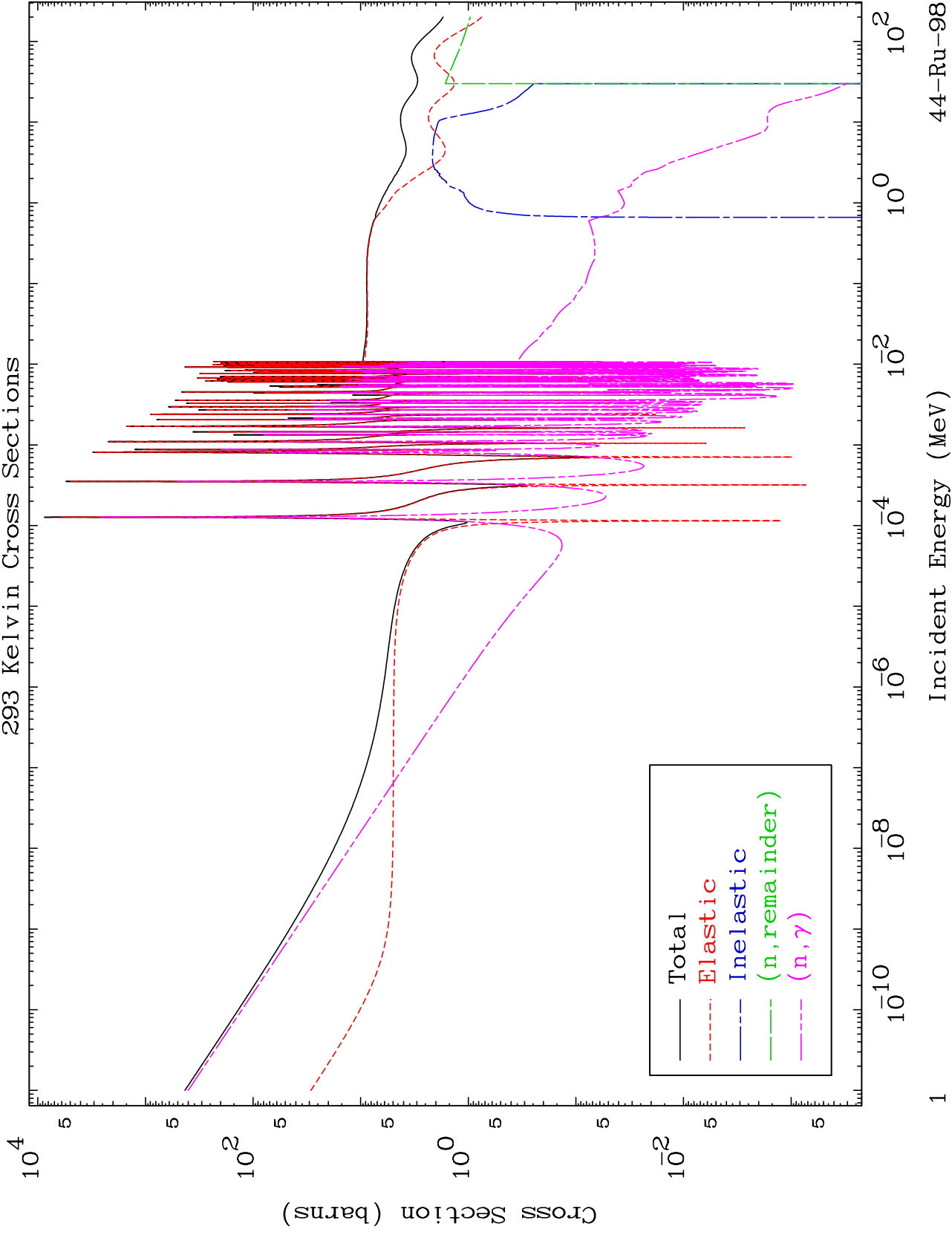
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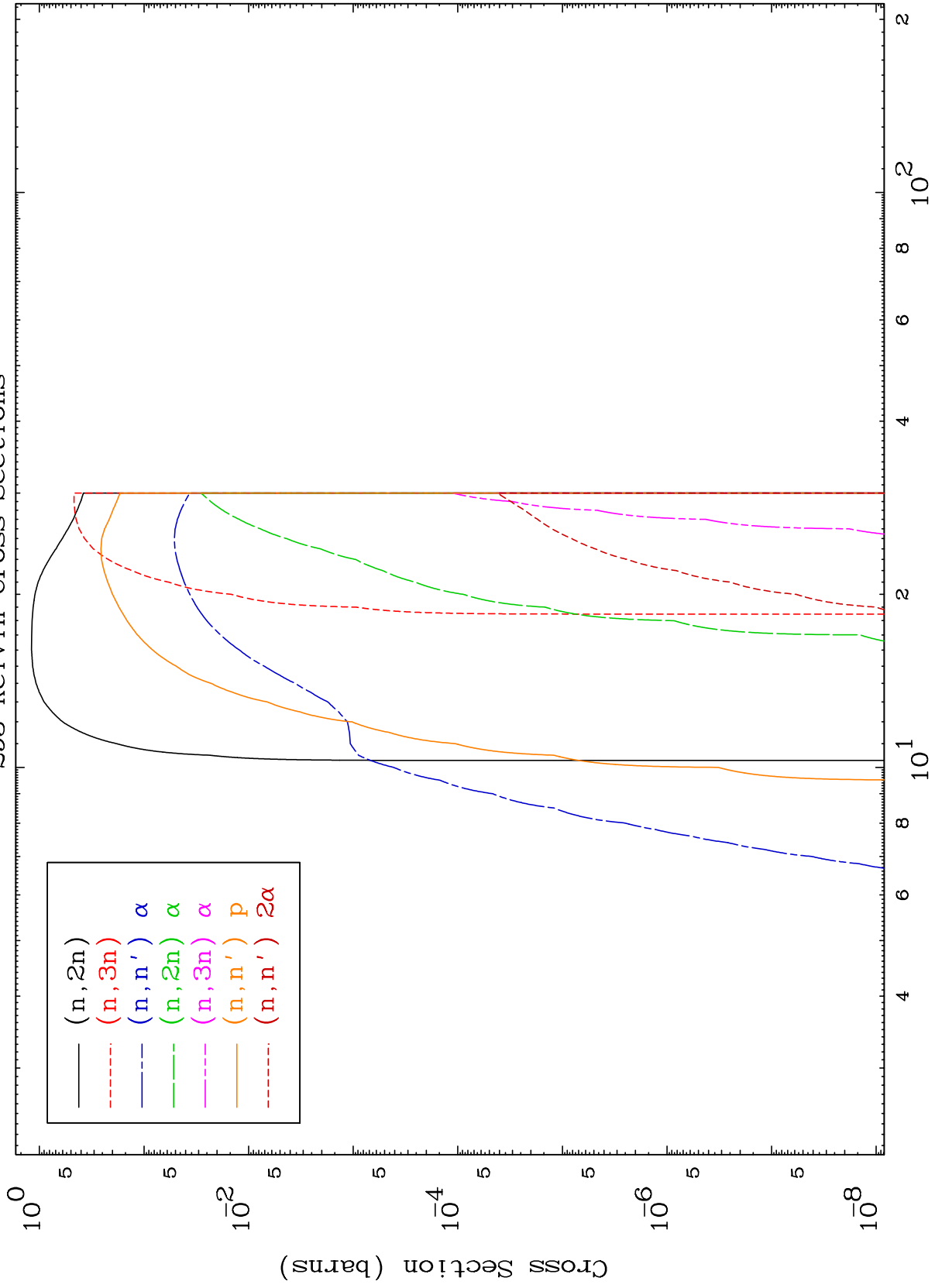
MAT 4431

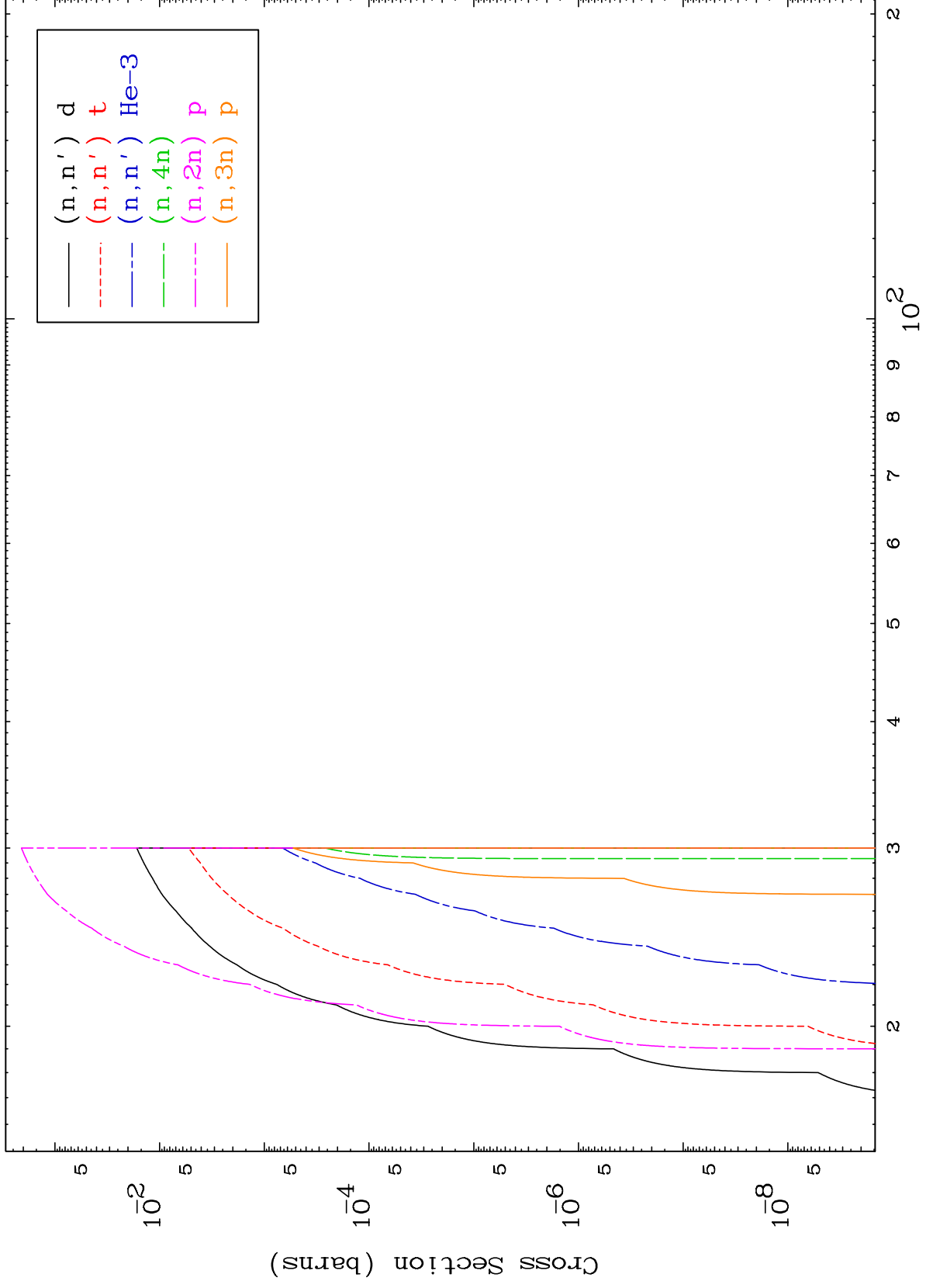
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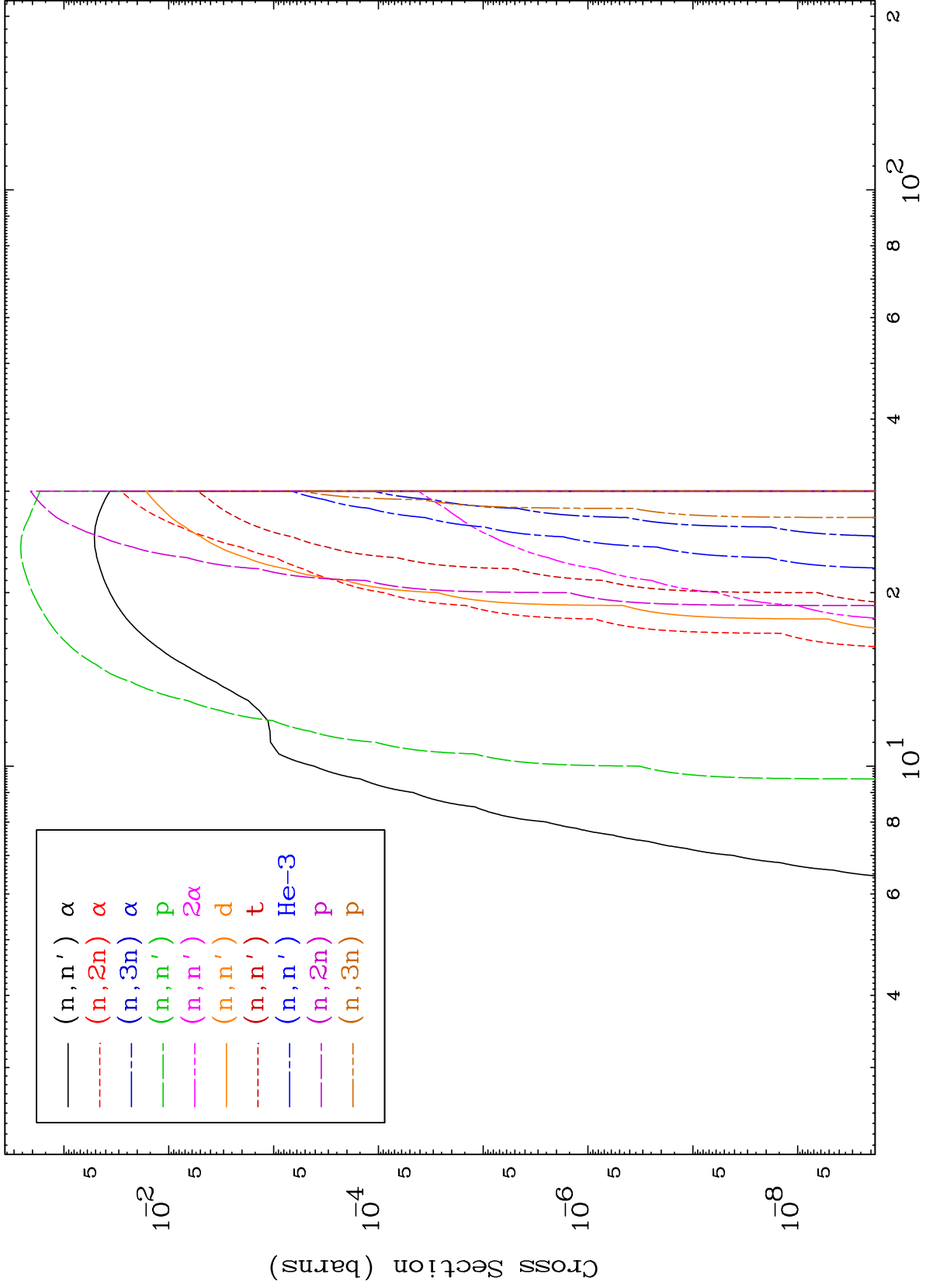
293 Kelvin Cross Sections

44-Ru-98





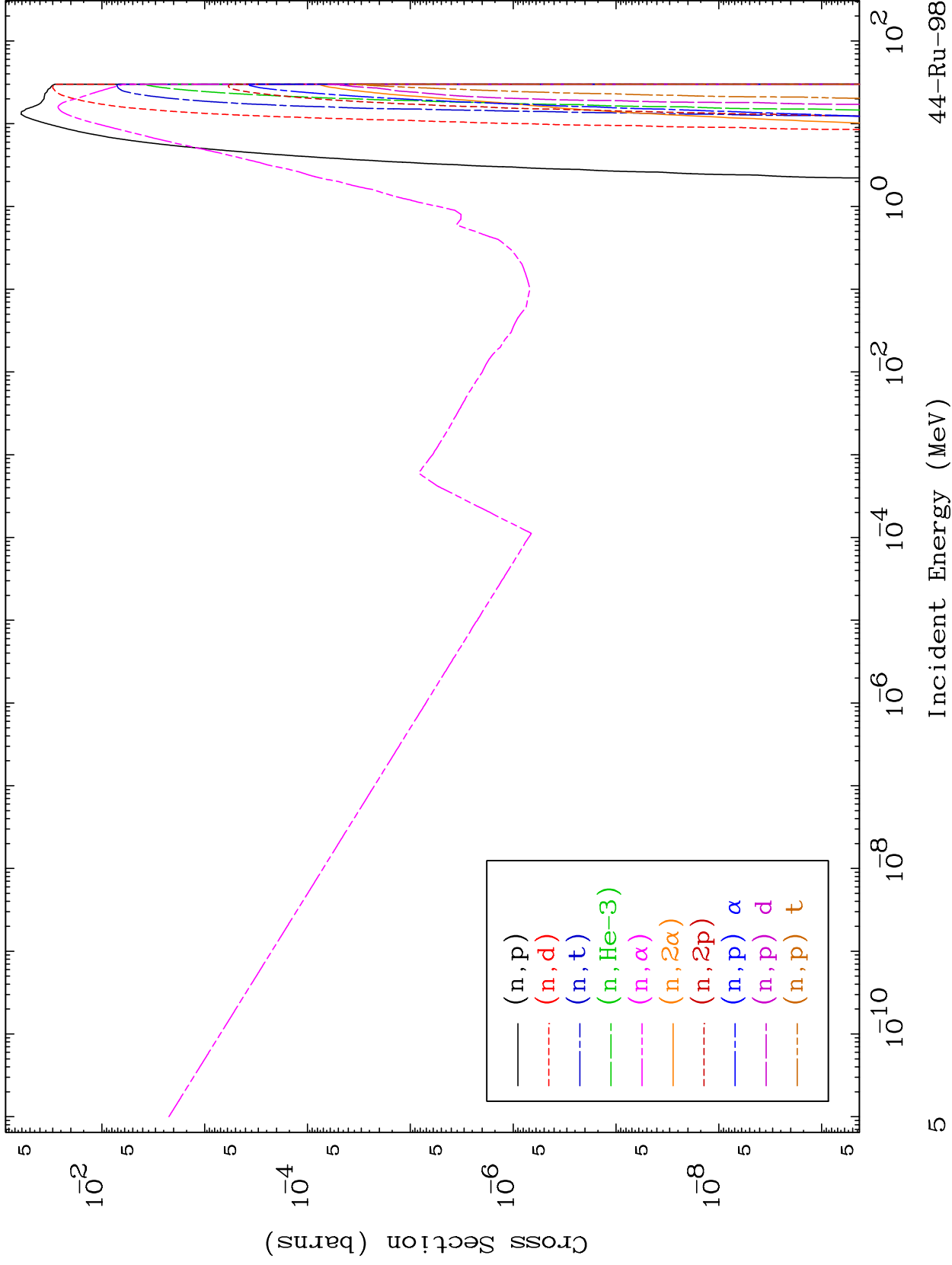




MAT 4431

Charged Particle  
293 Kelvin Cross Sections

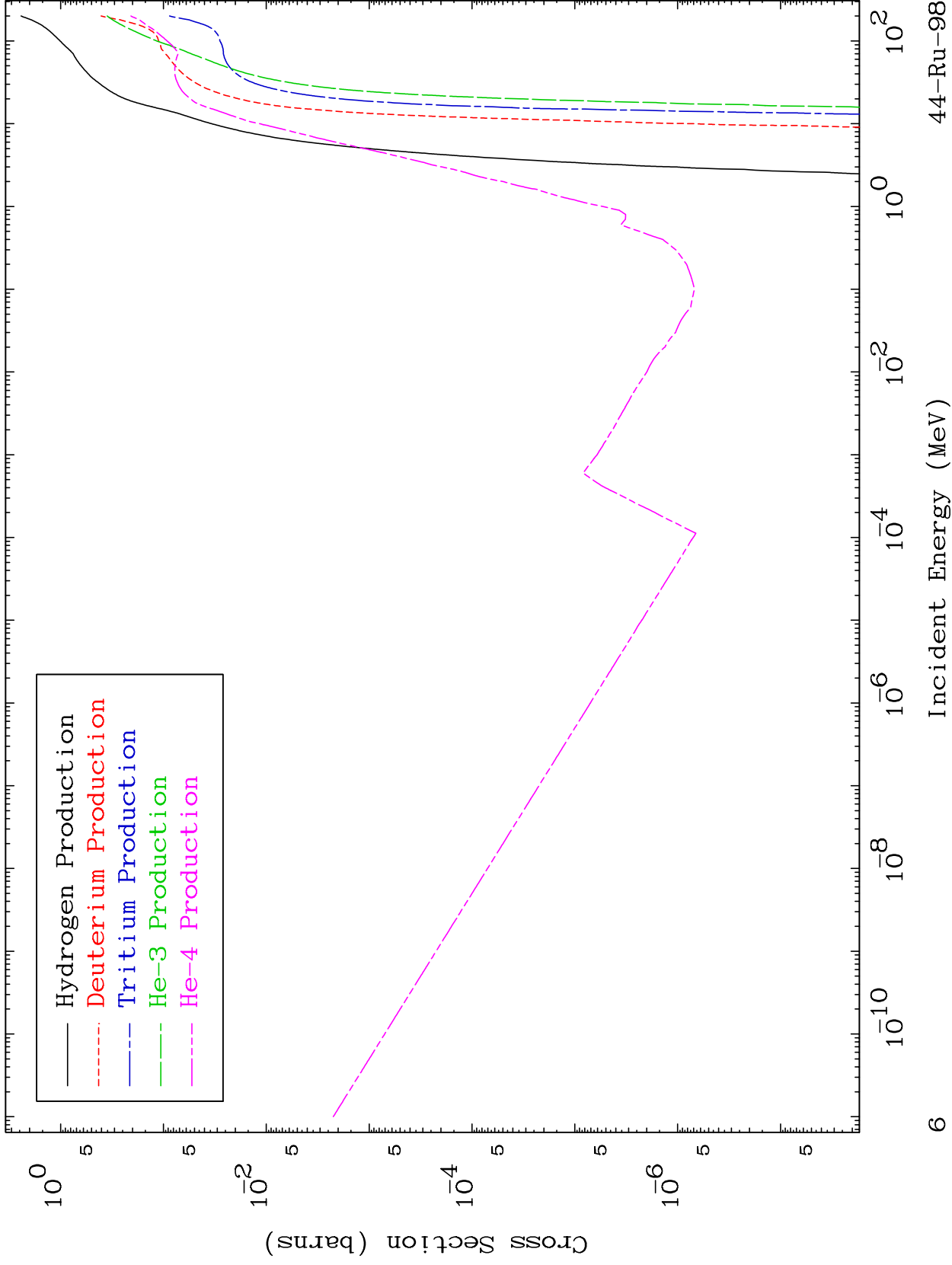
44-Ru-98



MAT 4431

Particle Production  
293 Kelvin Cross Sections

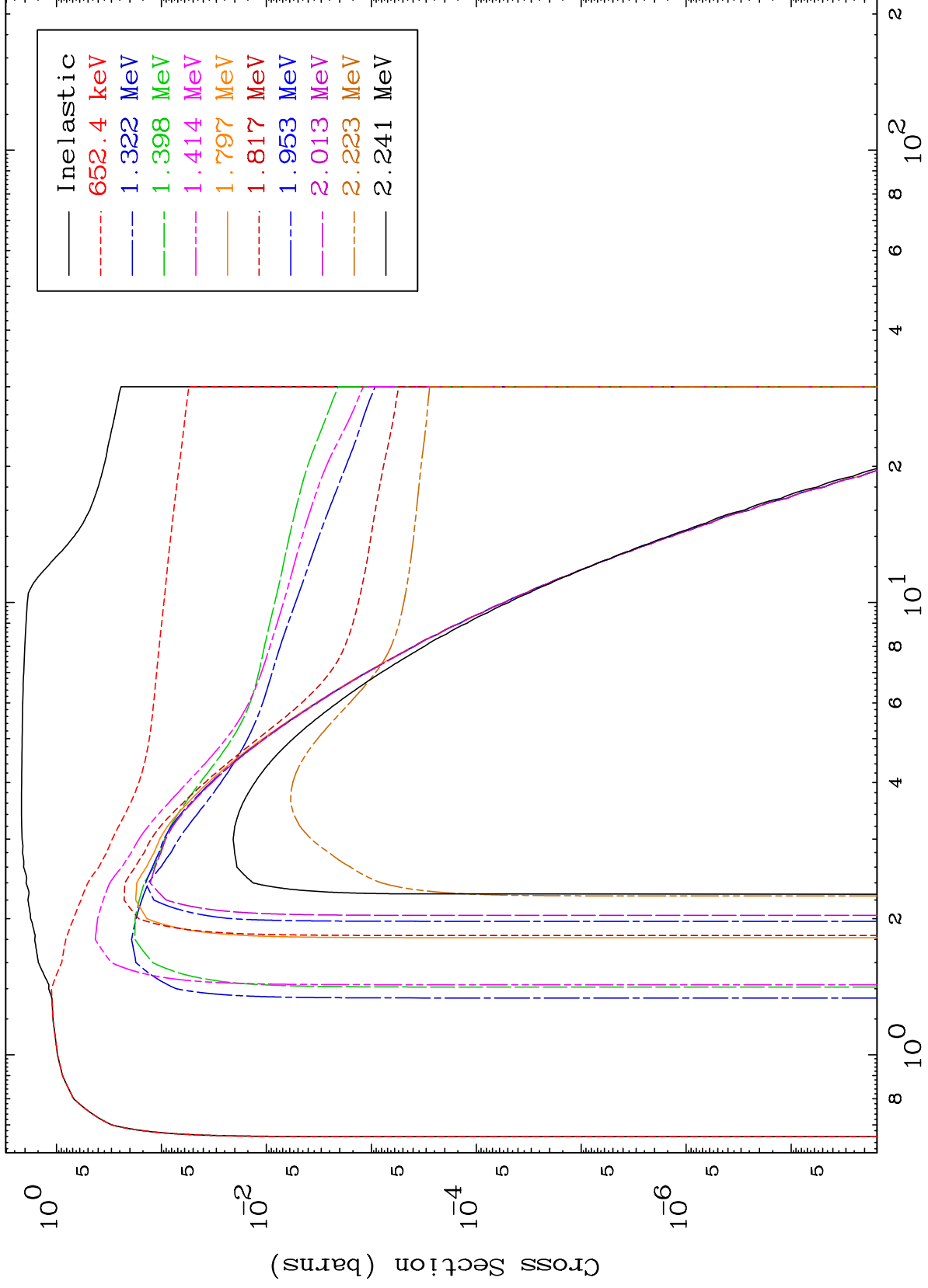
44-Ru-98



MAT 4431

(n,n') Level  
293 Kelvin Cross Sections

44-Ru-98



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Incident Energy (MeV)

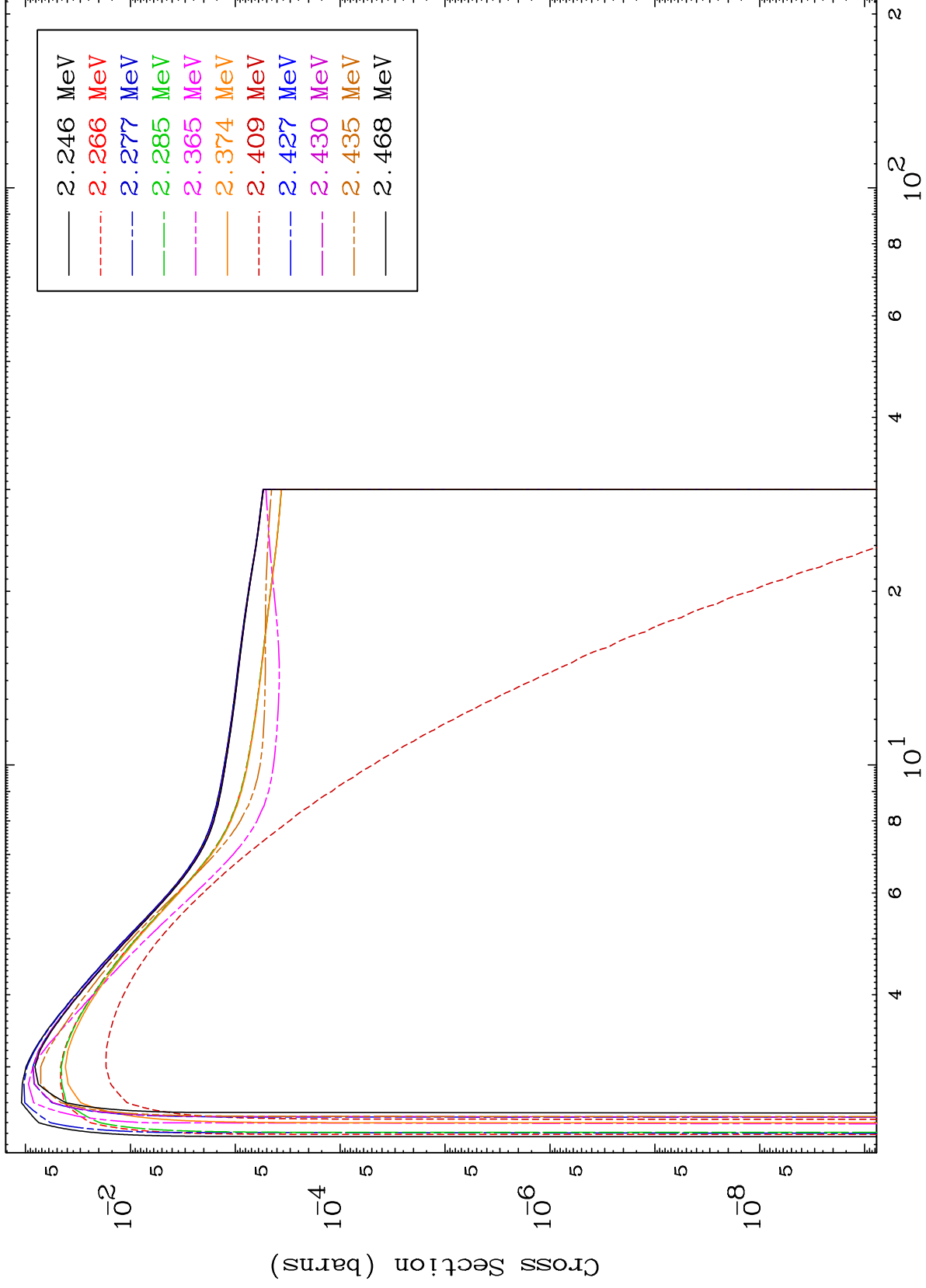
44-Ru-98



MAT 4431

(n,n') Level  
293 Kelvin Cross Sections

44-Ru-98

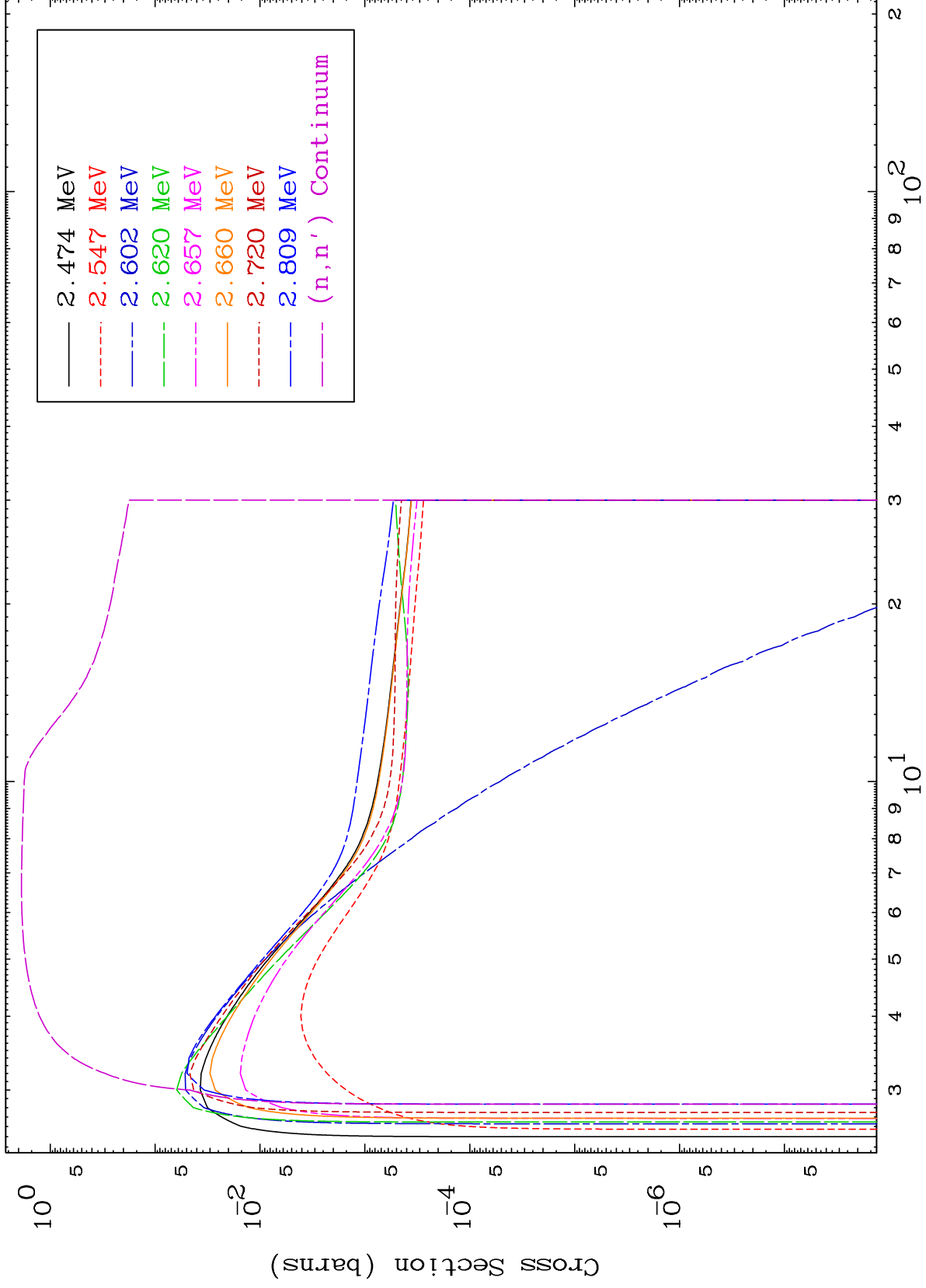


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Incident Energy (MeV)

44-Ru-98

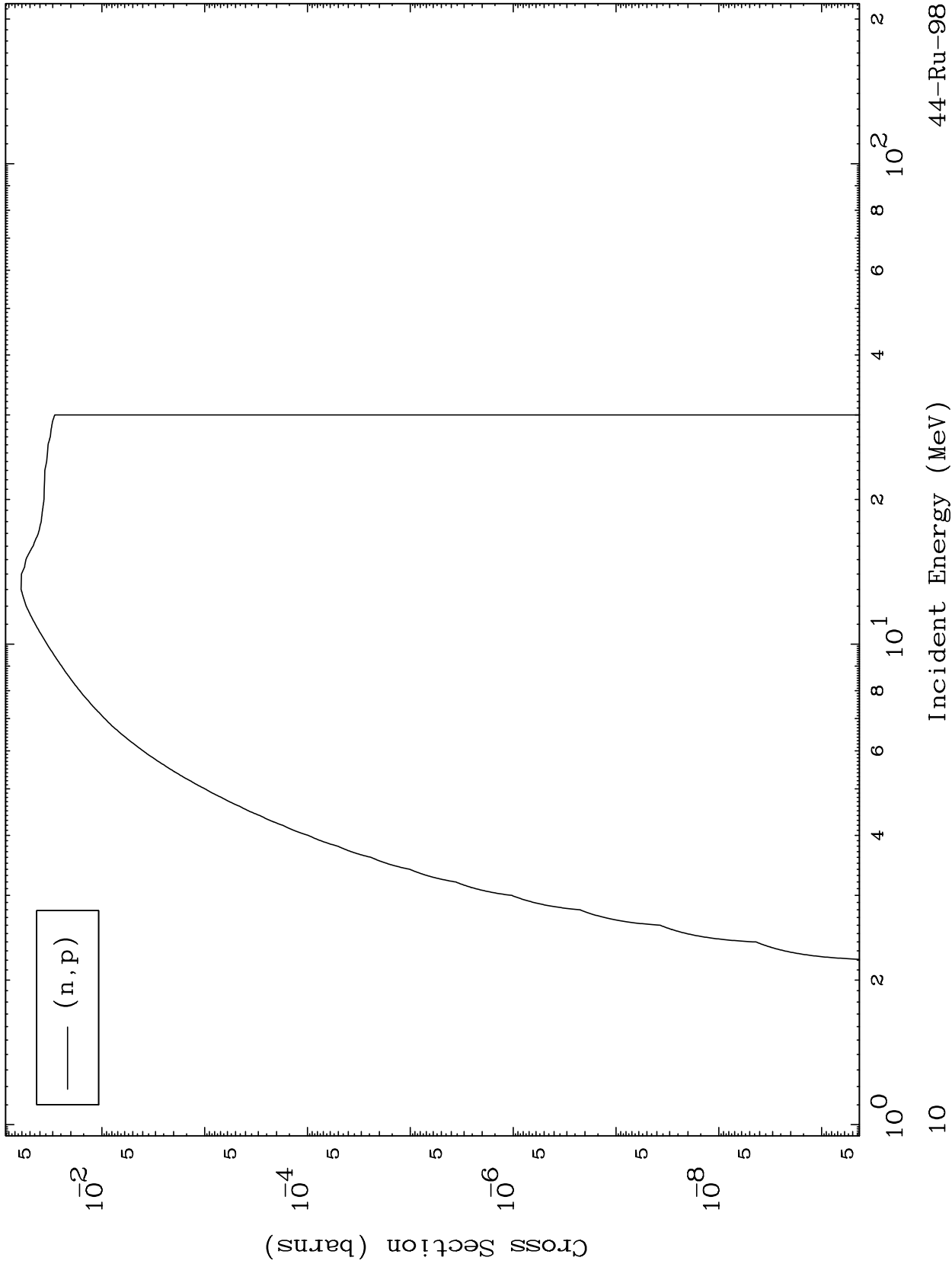
293 Kelvin Cross Sections



MAT 4431

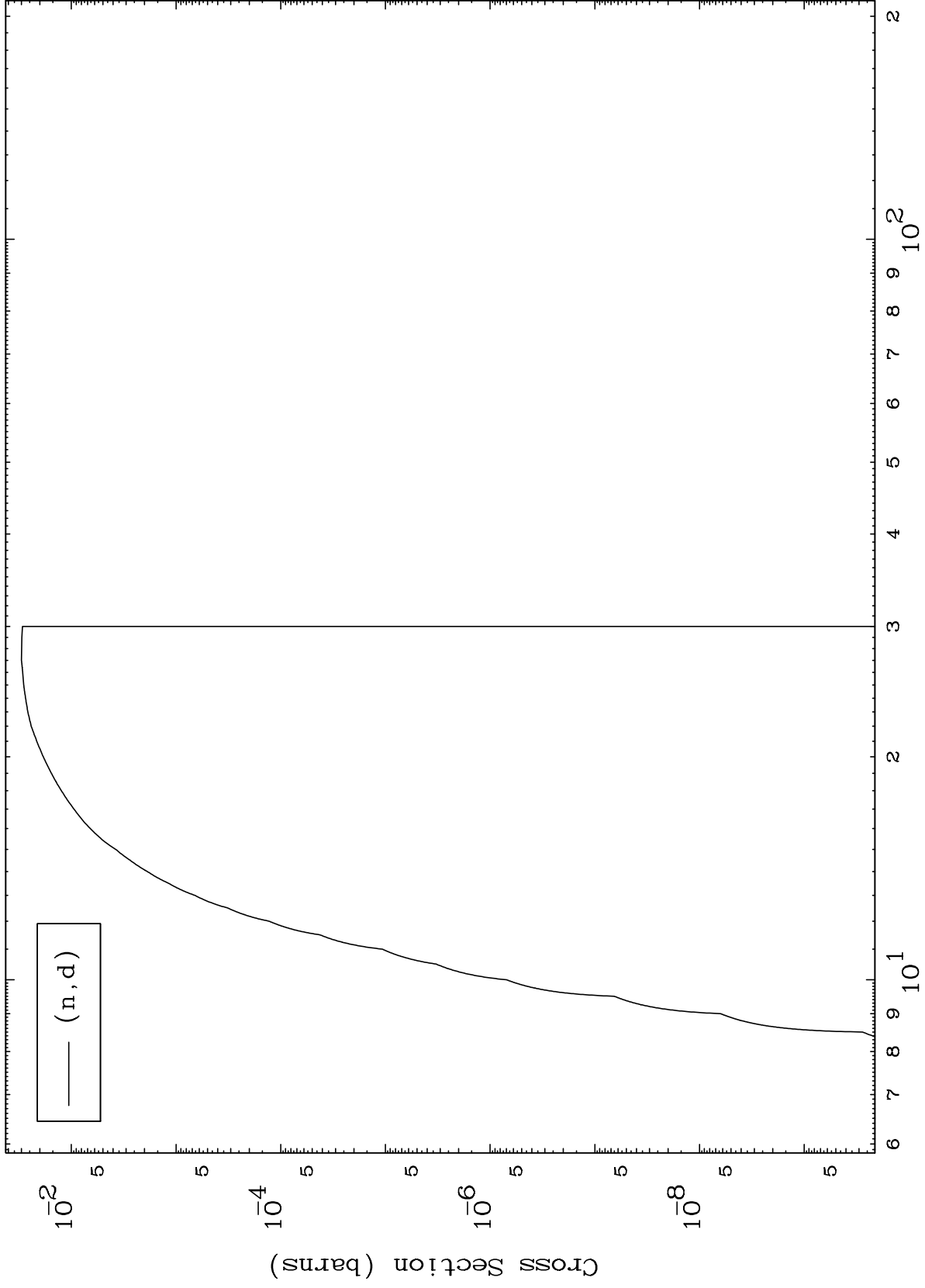
(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-98



Incident Energy (MeV)

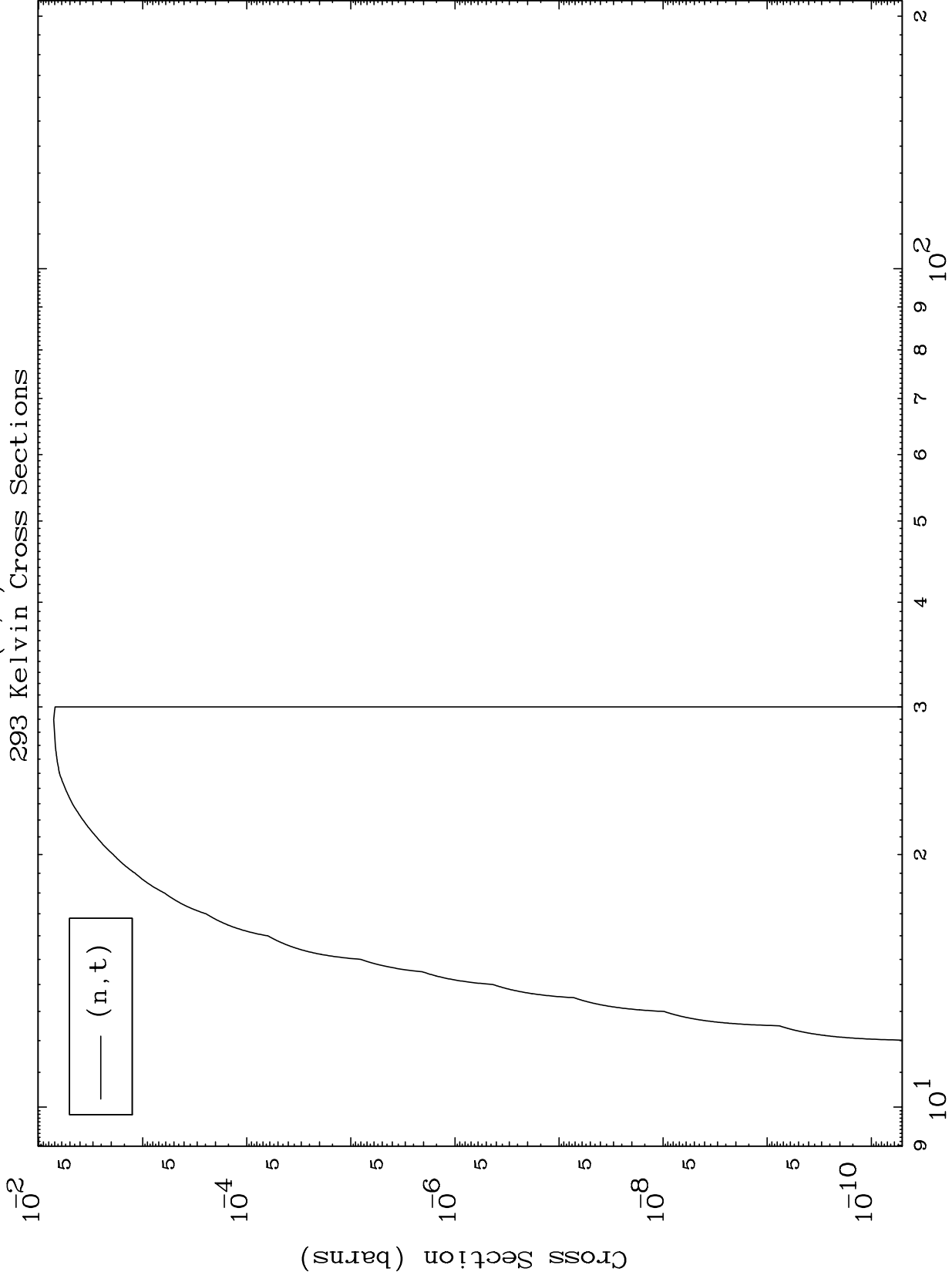
44-Ru-98



MAT 4431

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-98



12

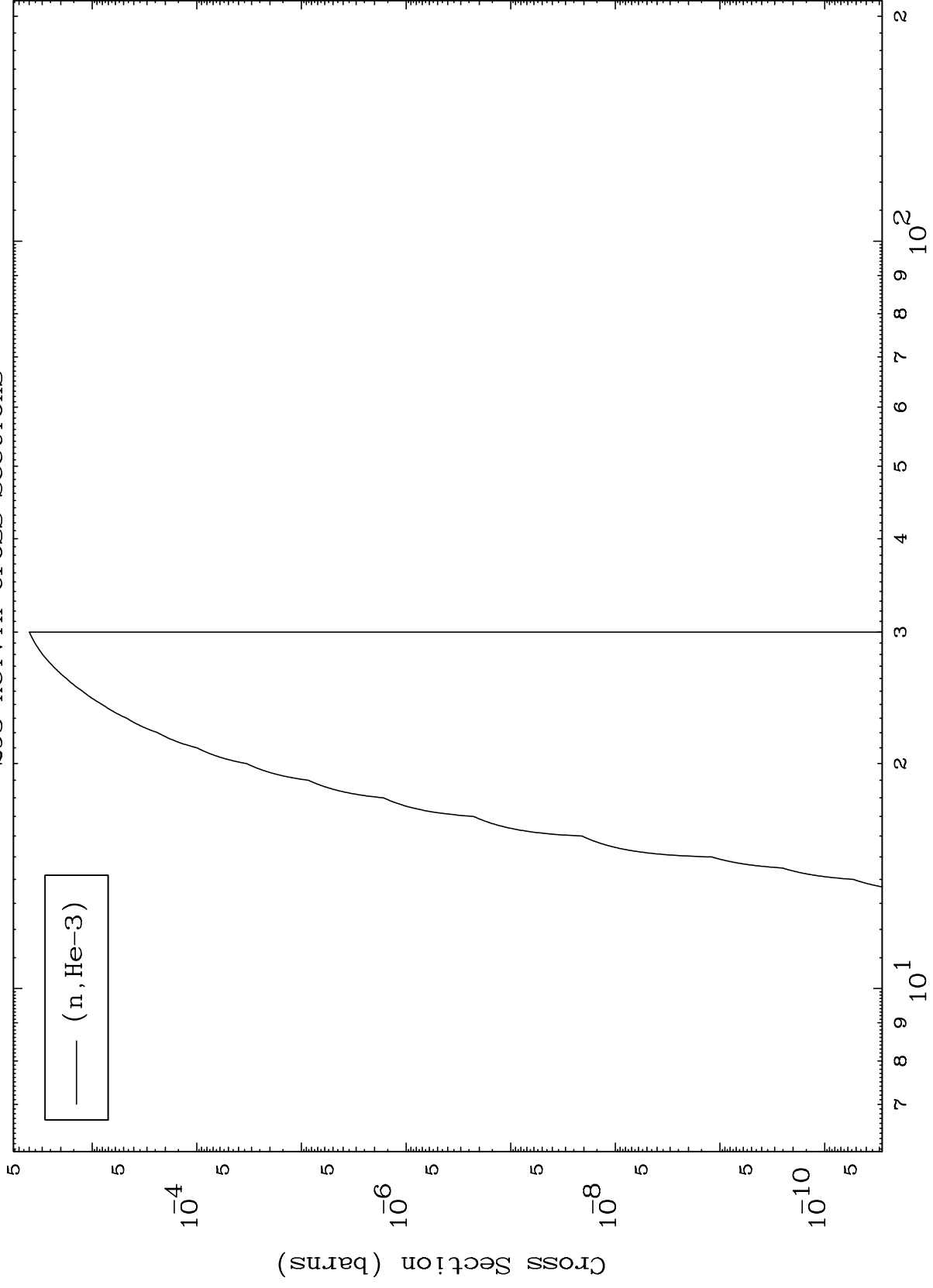
Incident Energy (MeV)

44-Ru-98

MAT 4431

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-98



13

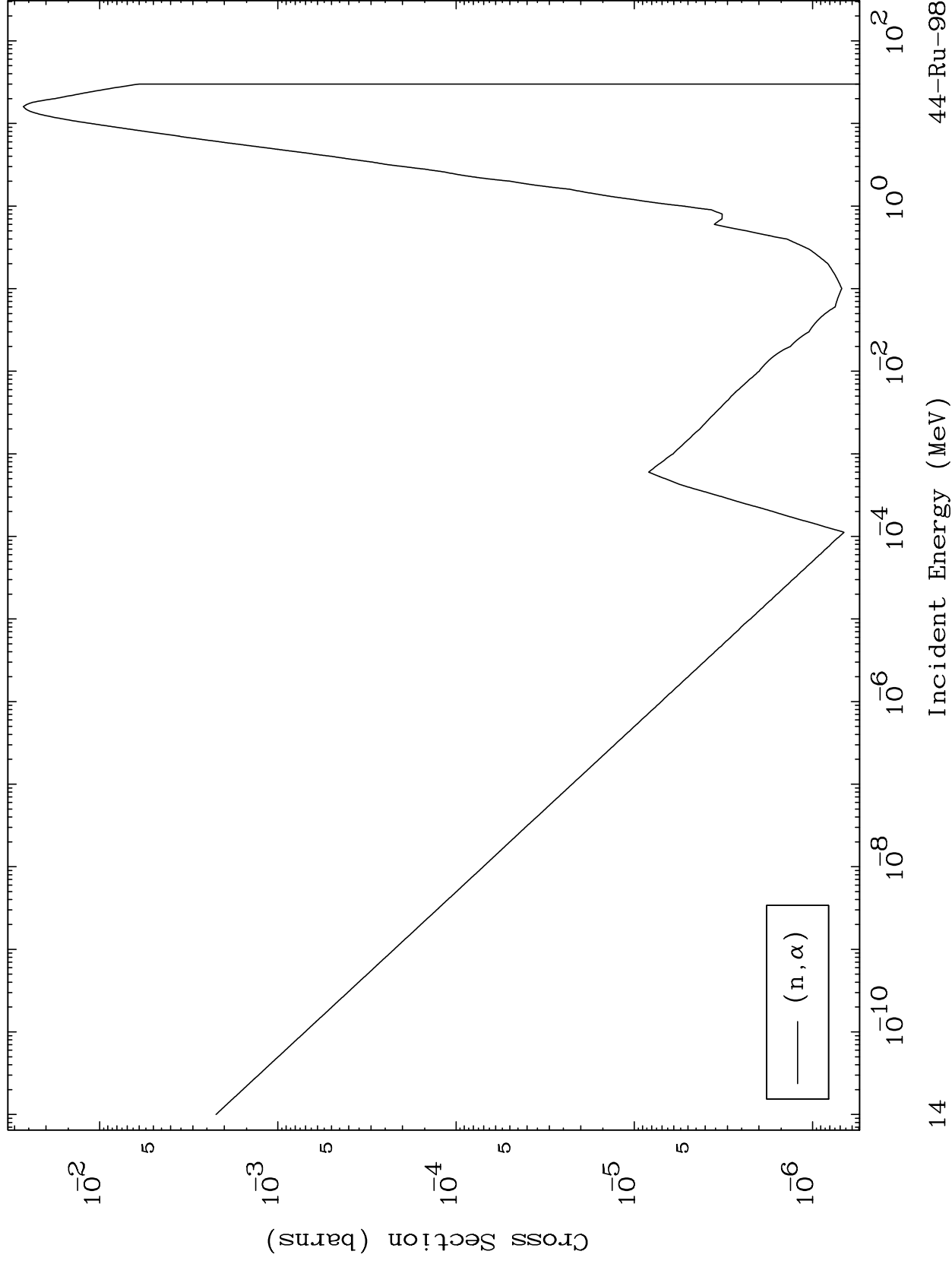
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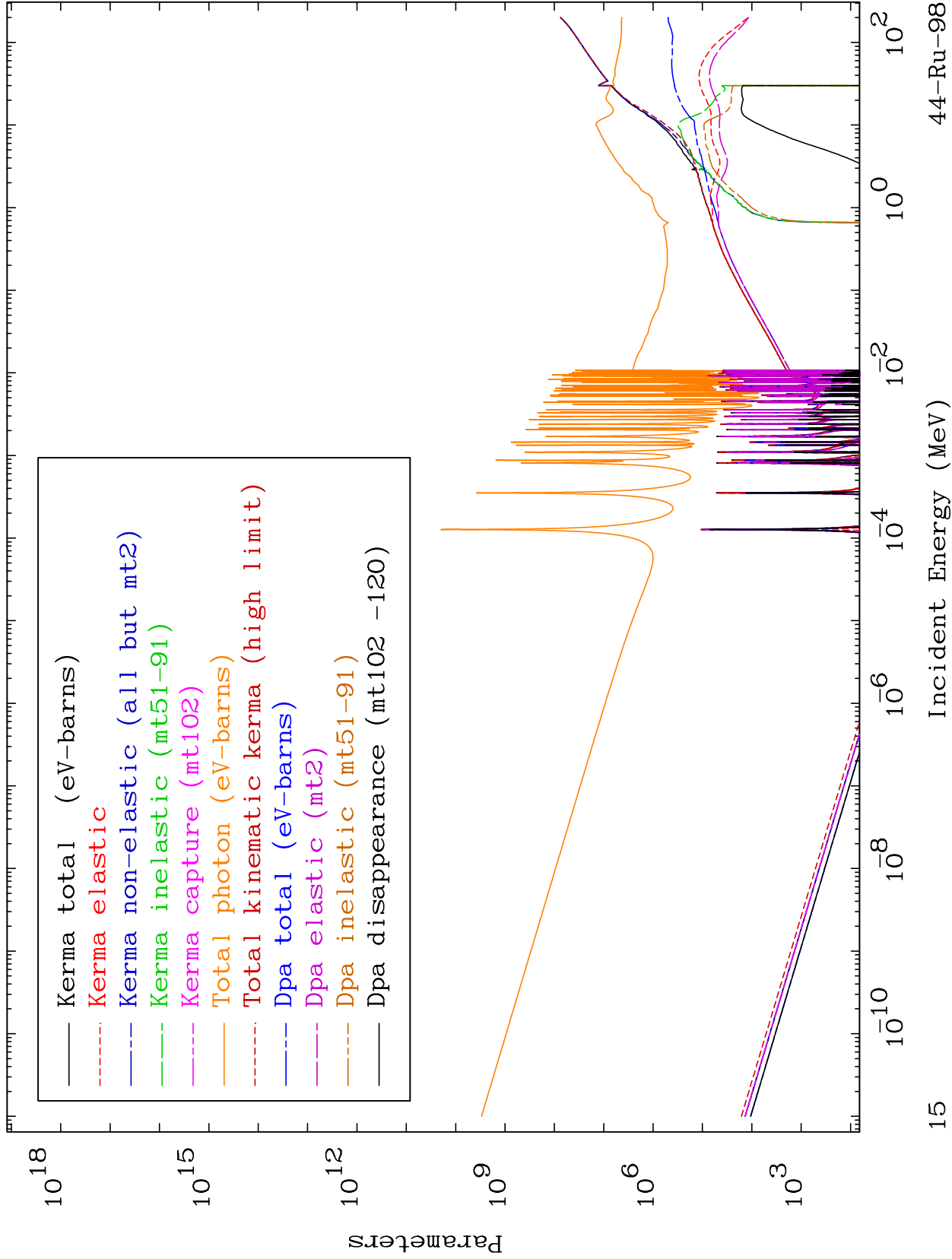
44-Ru-98

MAT 4431

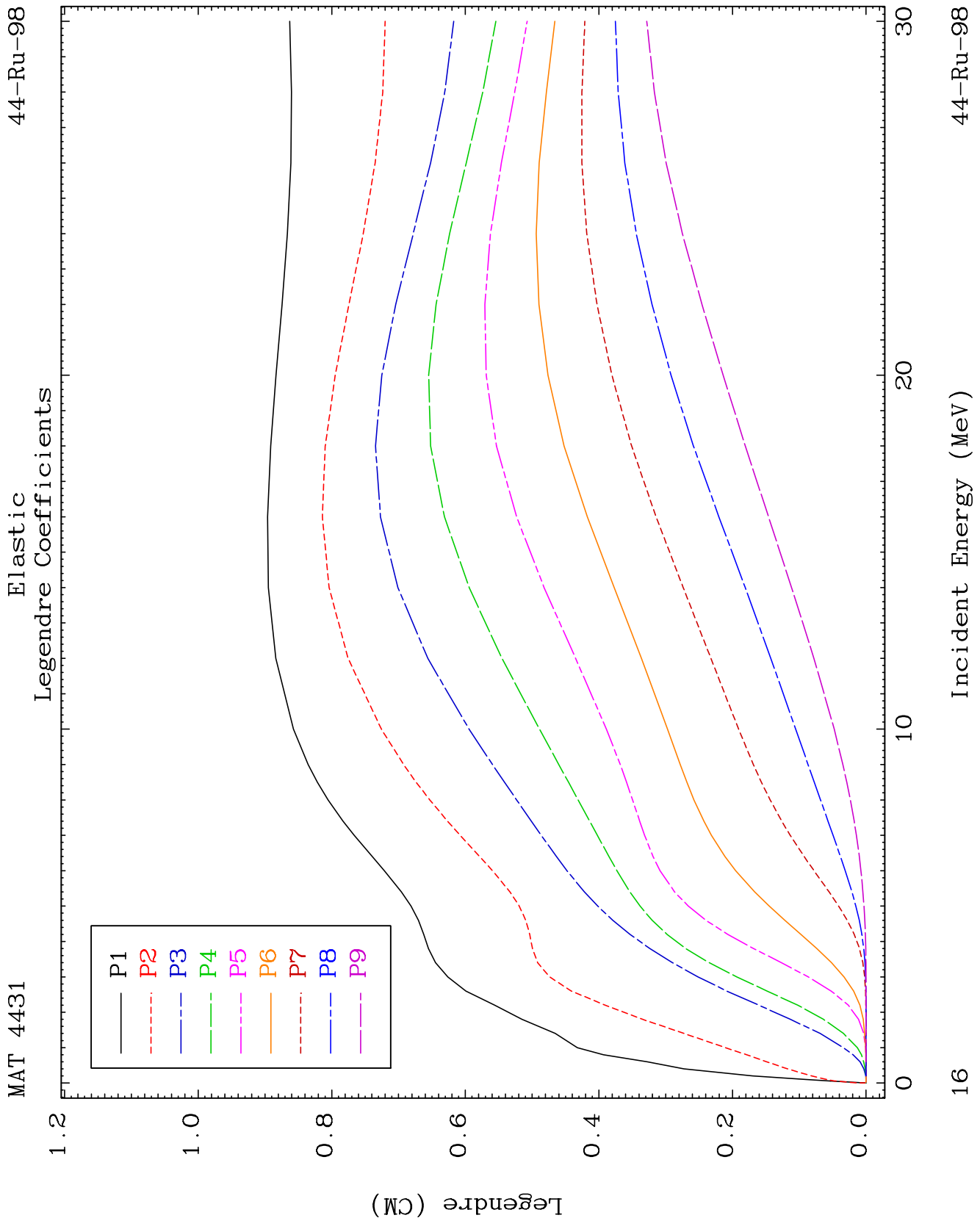
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

44-Ru-98





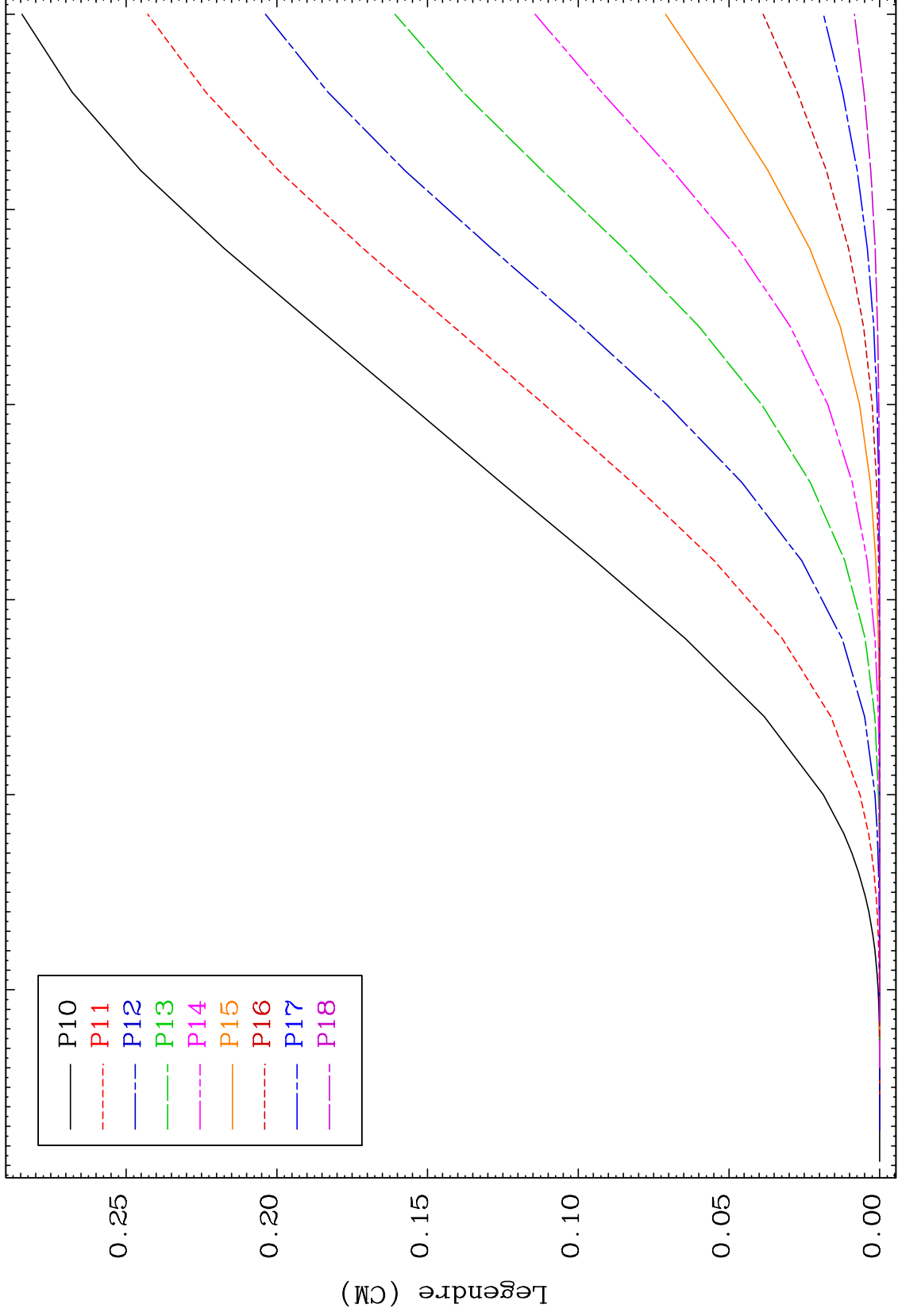




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Elastic  
Legendre Coefficients

44-Ru-98



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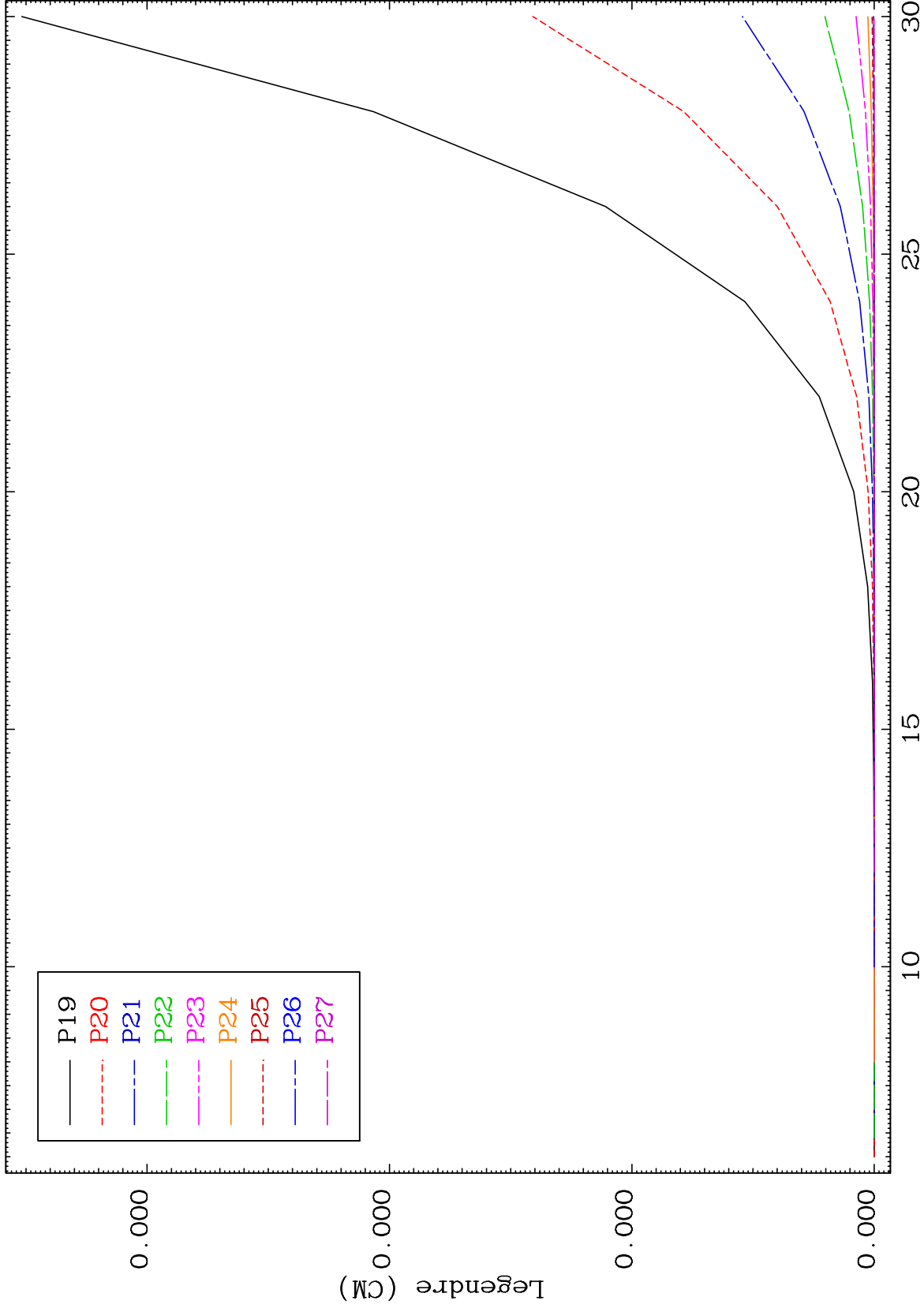
Incident Energy (MeV)

44-Ru-98

MAT 4431

### Elastic Legendre Coefficients

44-Ru-98



18

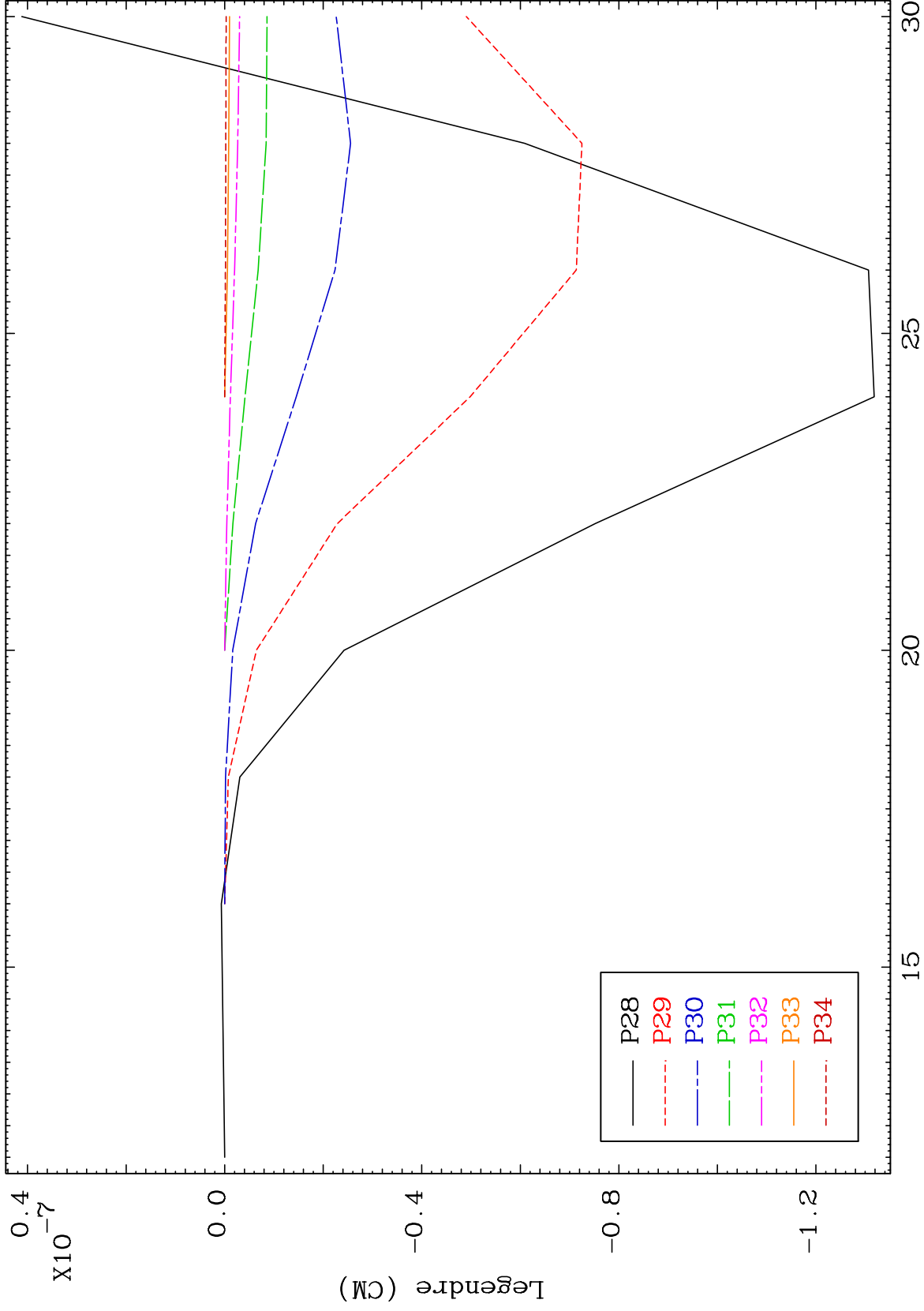
Incident Energy (MeV)

44-Ru-98

MAT 4431

Elastic Legendre Coefficients

44-Ru-98



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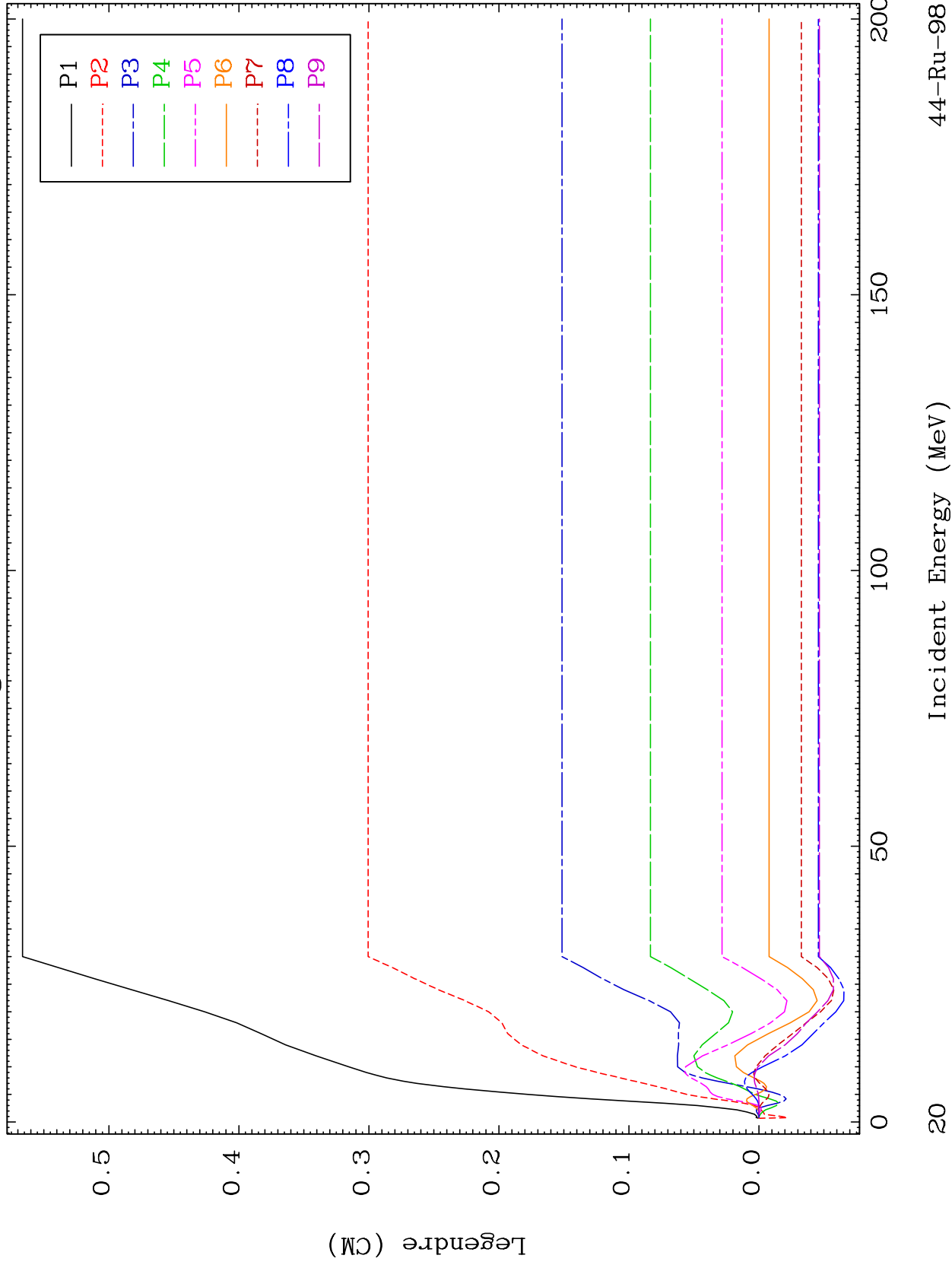
Incident Energy (MeV)

44-Ru-98

MAT 4431

652.4 keV (n,n') Level  
Legendre Coefficients

44-Ru-98

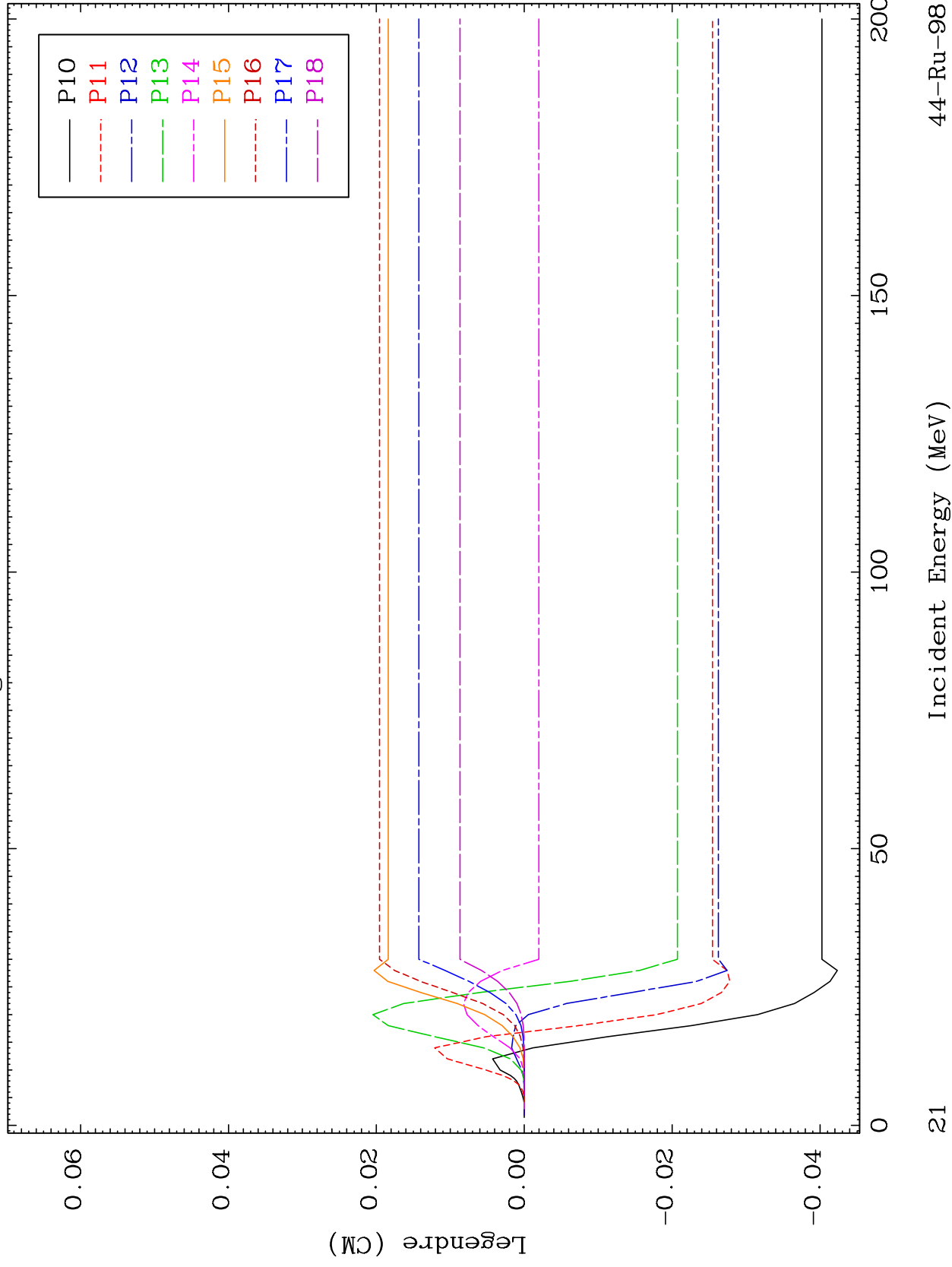


44-Ru-98

MAT 4431

652.4 keV (n,n') Level  
Legendre Coefficients

44-Ru-98



21

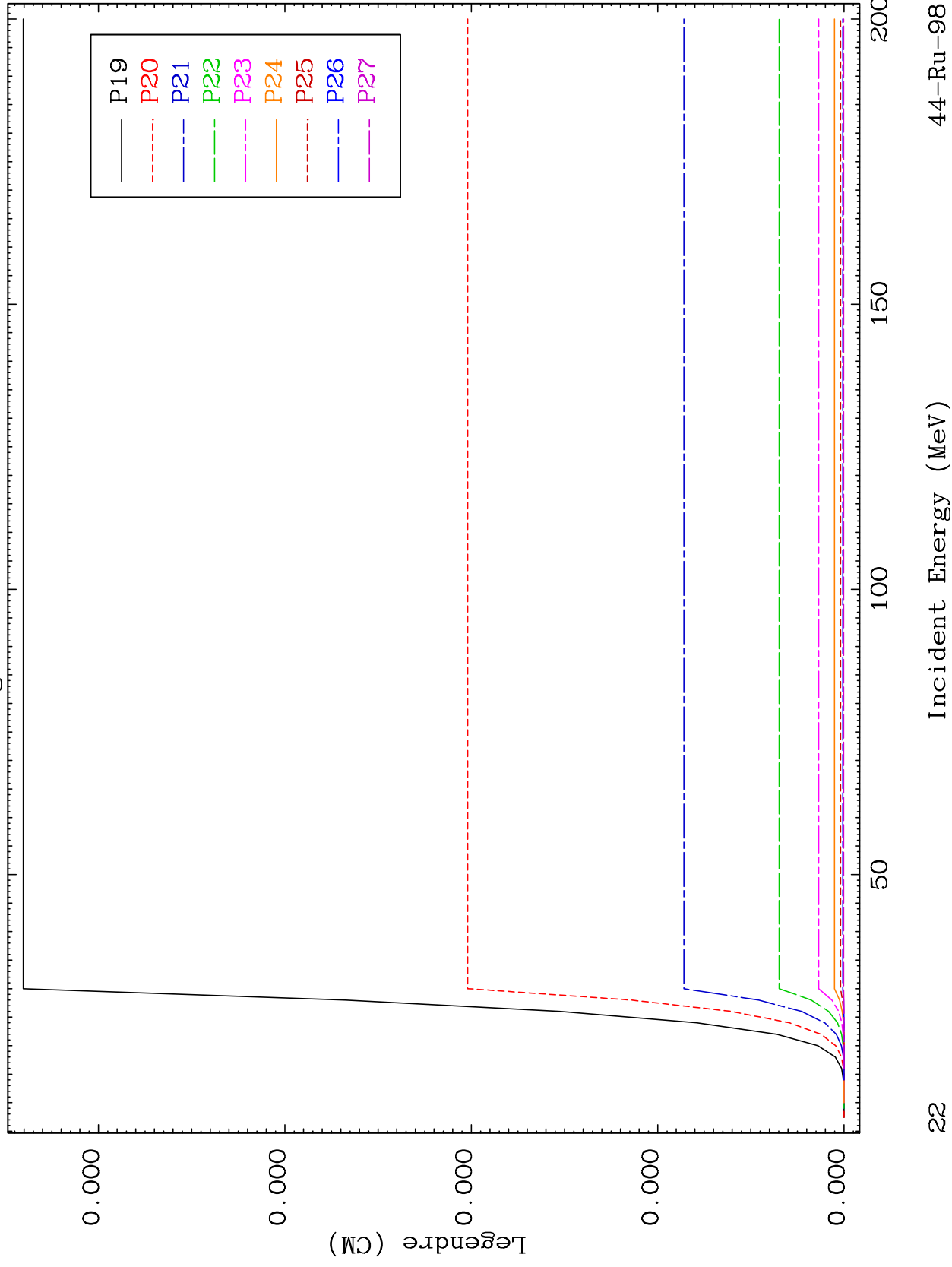
Incident Energy (MeV)

44-Ru-98

MAT 4431

652.4 keV (n,n') Level  
Legendre Coefficients

44-Ru-98



22

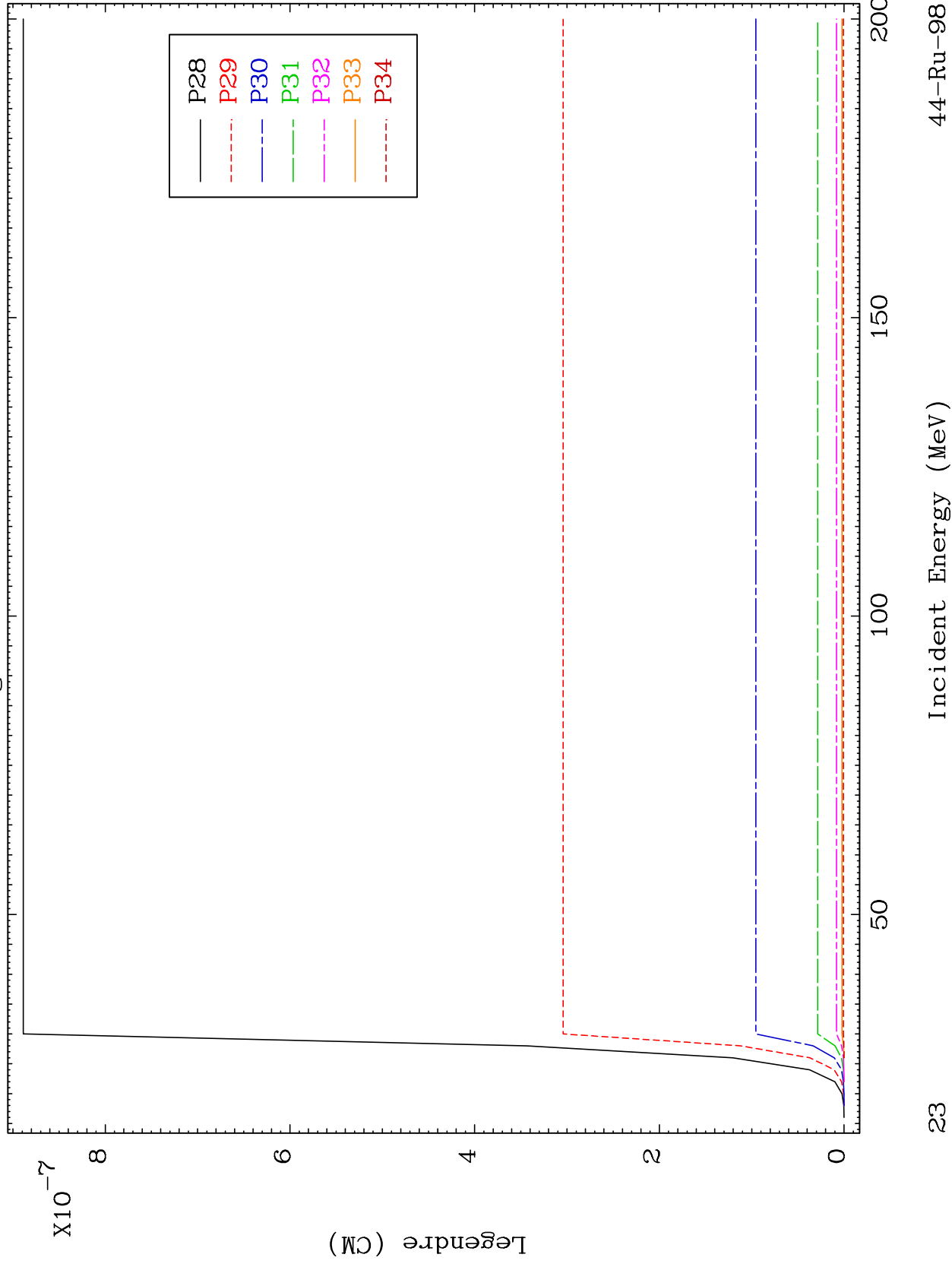
Incident Energy (MeV)

44-Ru-98

MAT 4431

652.4 keV (n,n') Level  
Legendre Coefficients

44-Ru-98



23

Incident Energy (MeV)

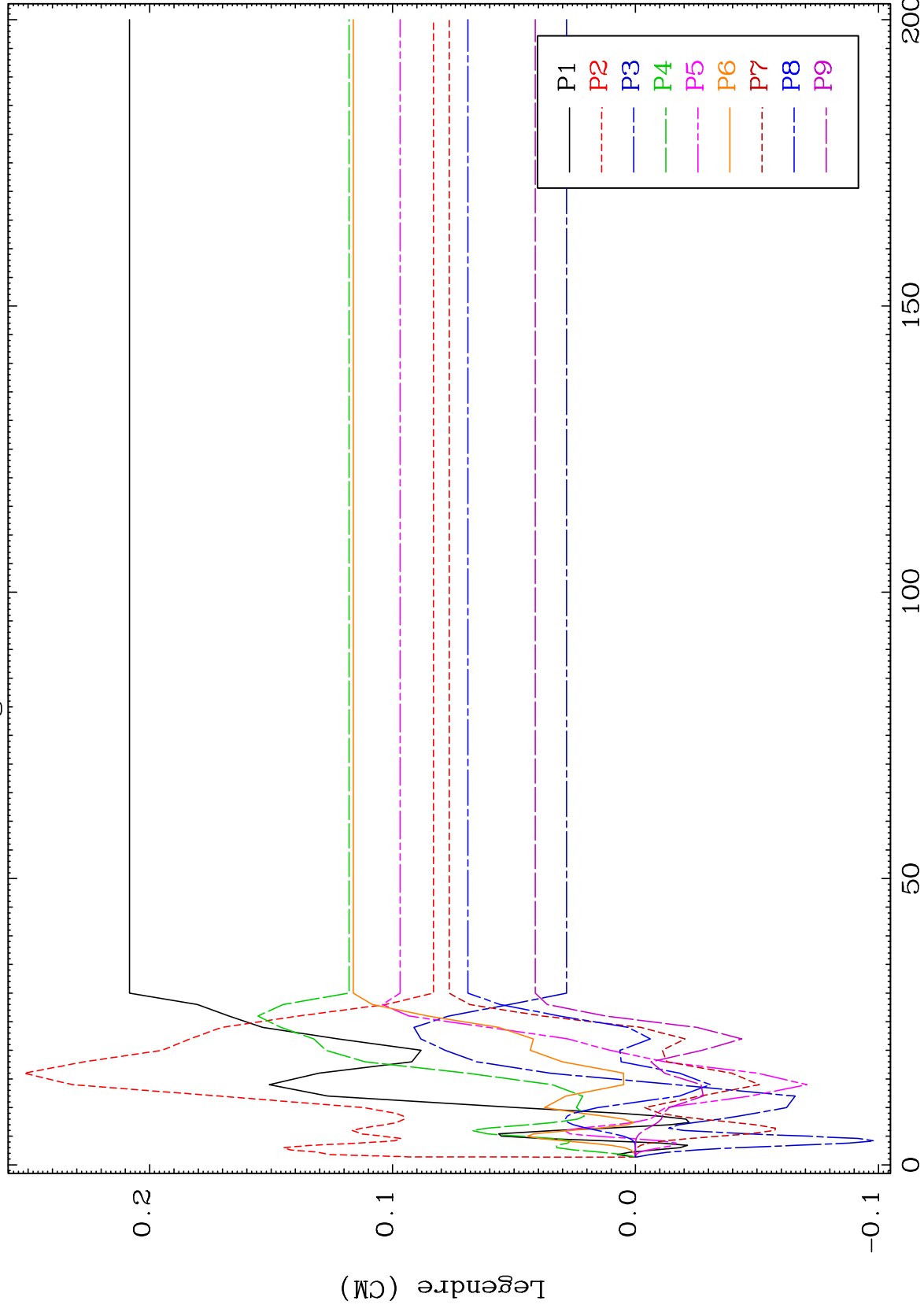
44-Ru-98



MAT 4431

1.322 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



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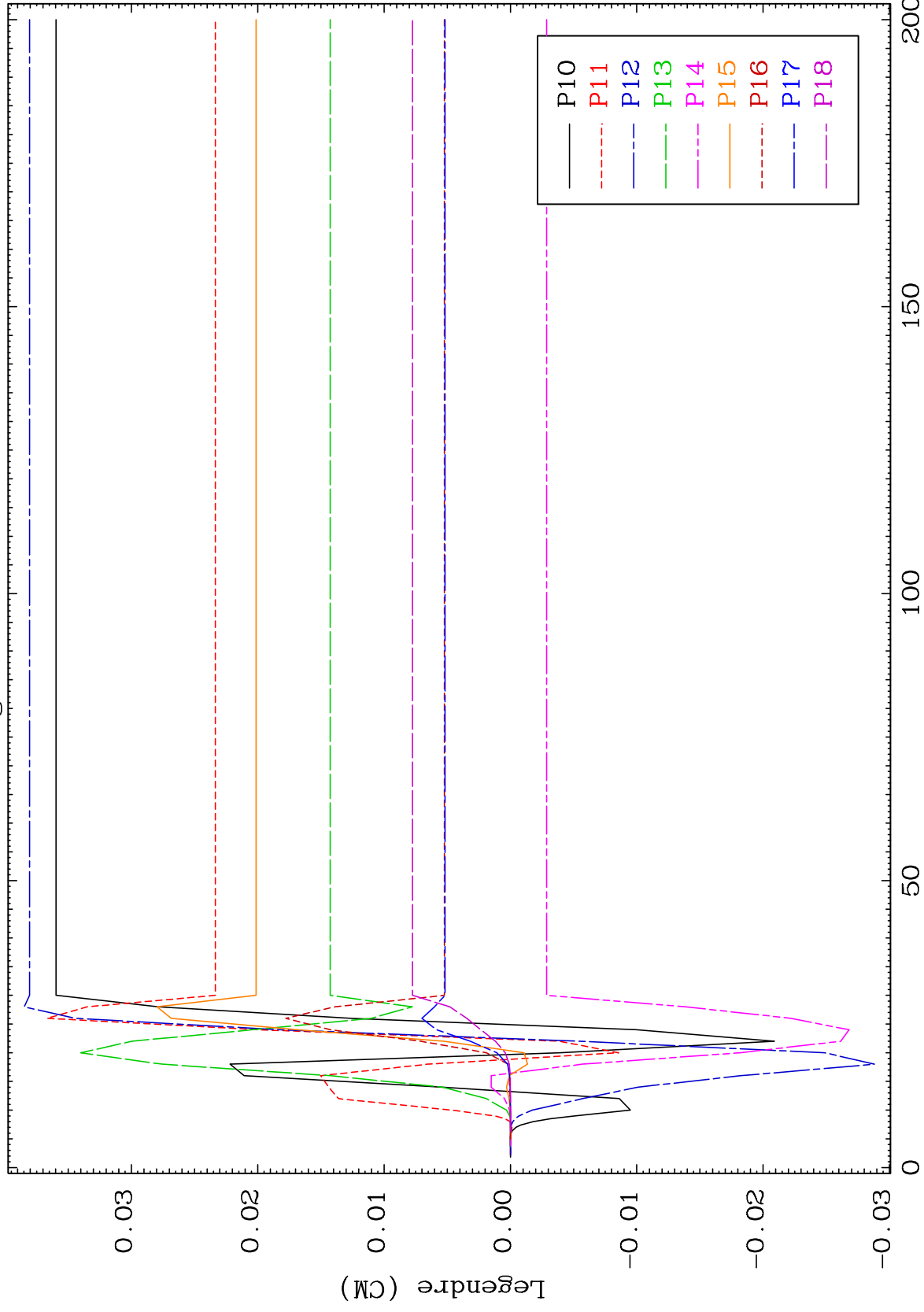
Incident Energy (MeV)

44-Ru-98

MAT 4431

1.322 MeV (n,n') Level  
Legendre Coefficients

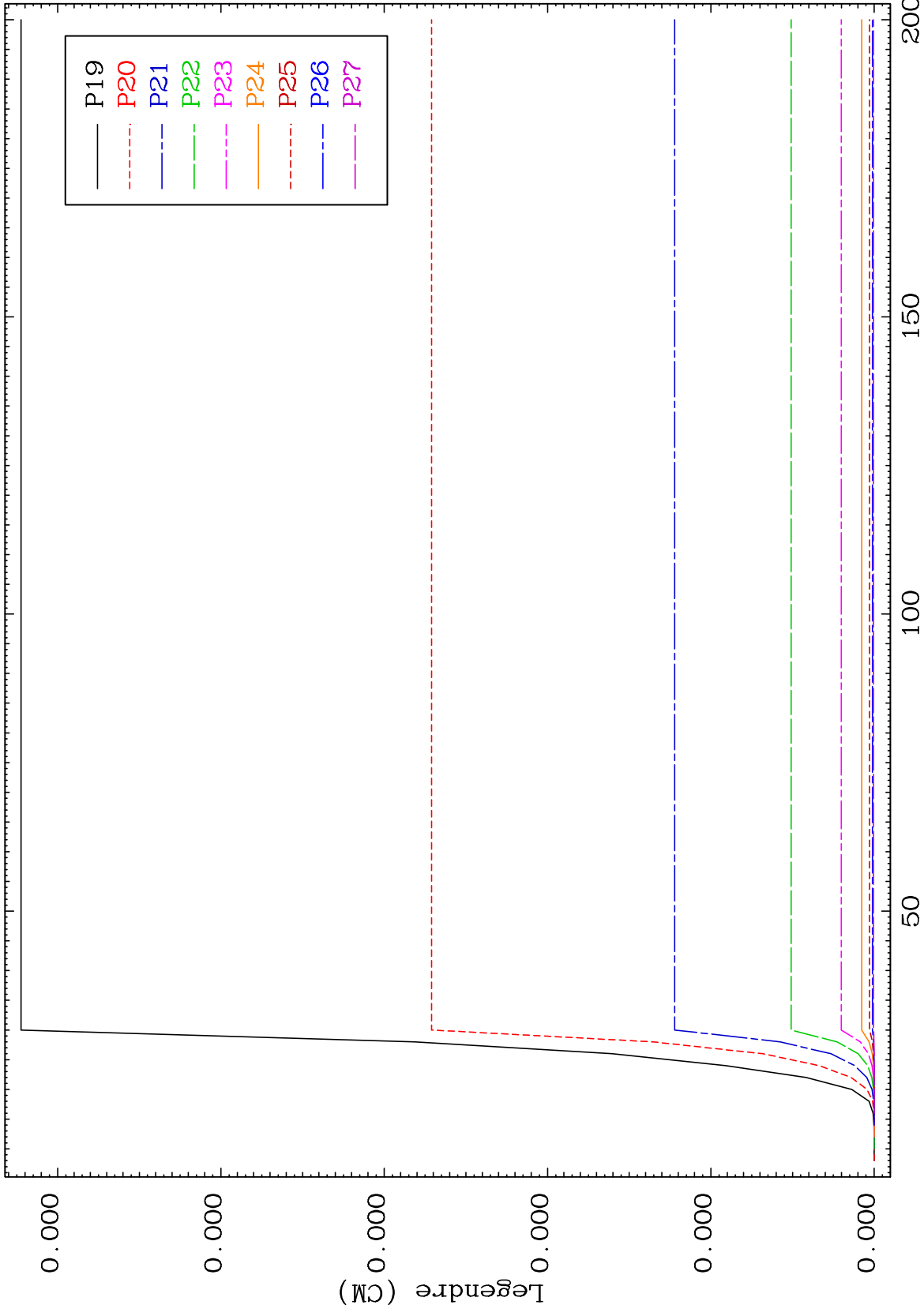
44-Ru-98



25

Incident Energy (MeV)

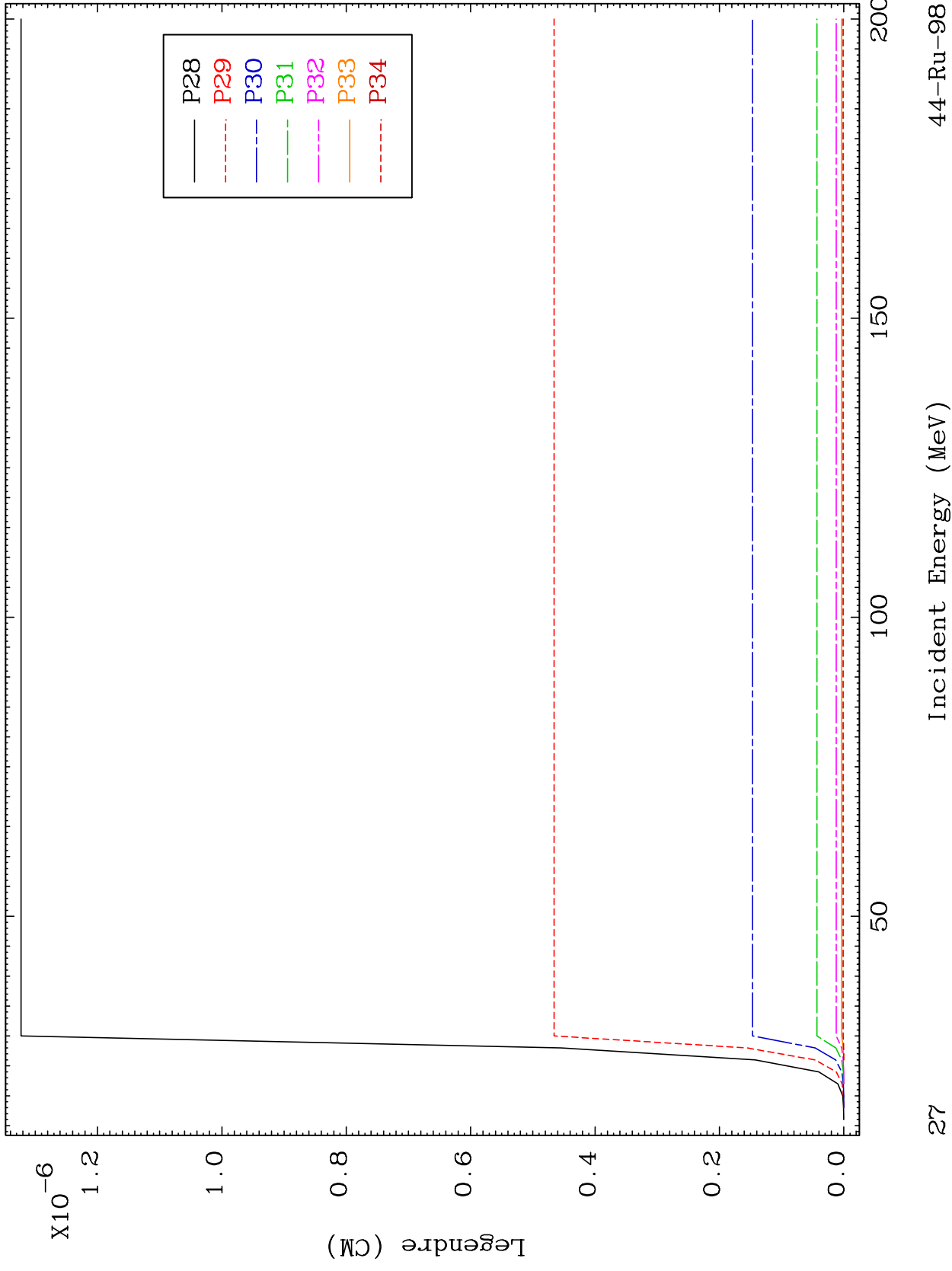
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MAT 4431

1.322 MeV (n,n') Level  
Legendre Coefficients

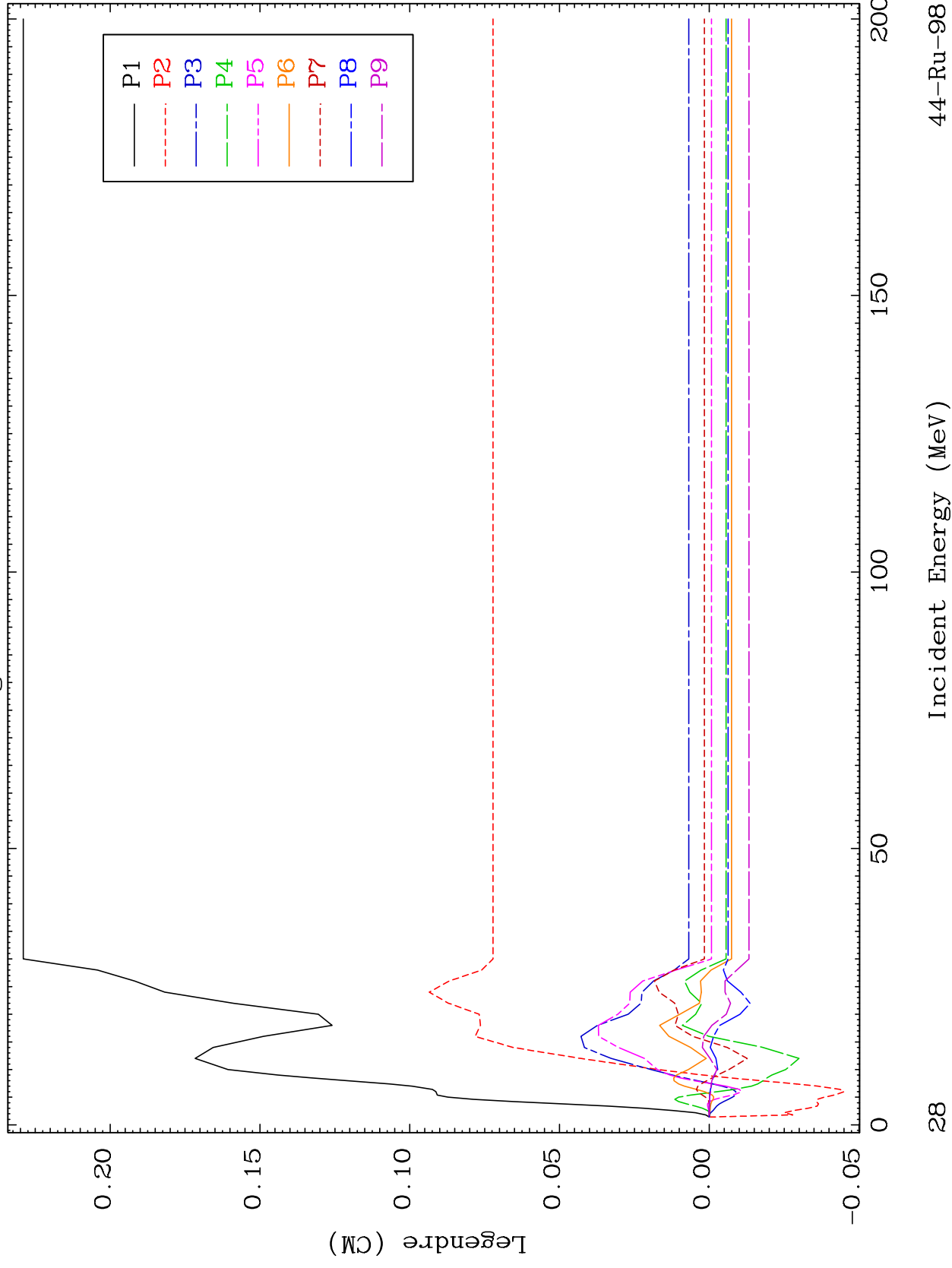
44-Ru-98



MAT 4431

1.398 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



44-Ru-98

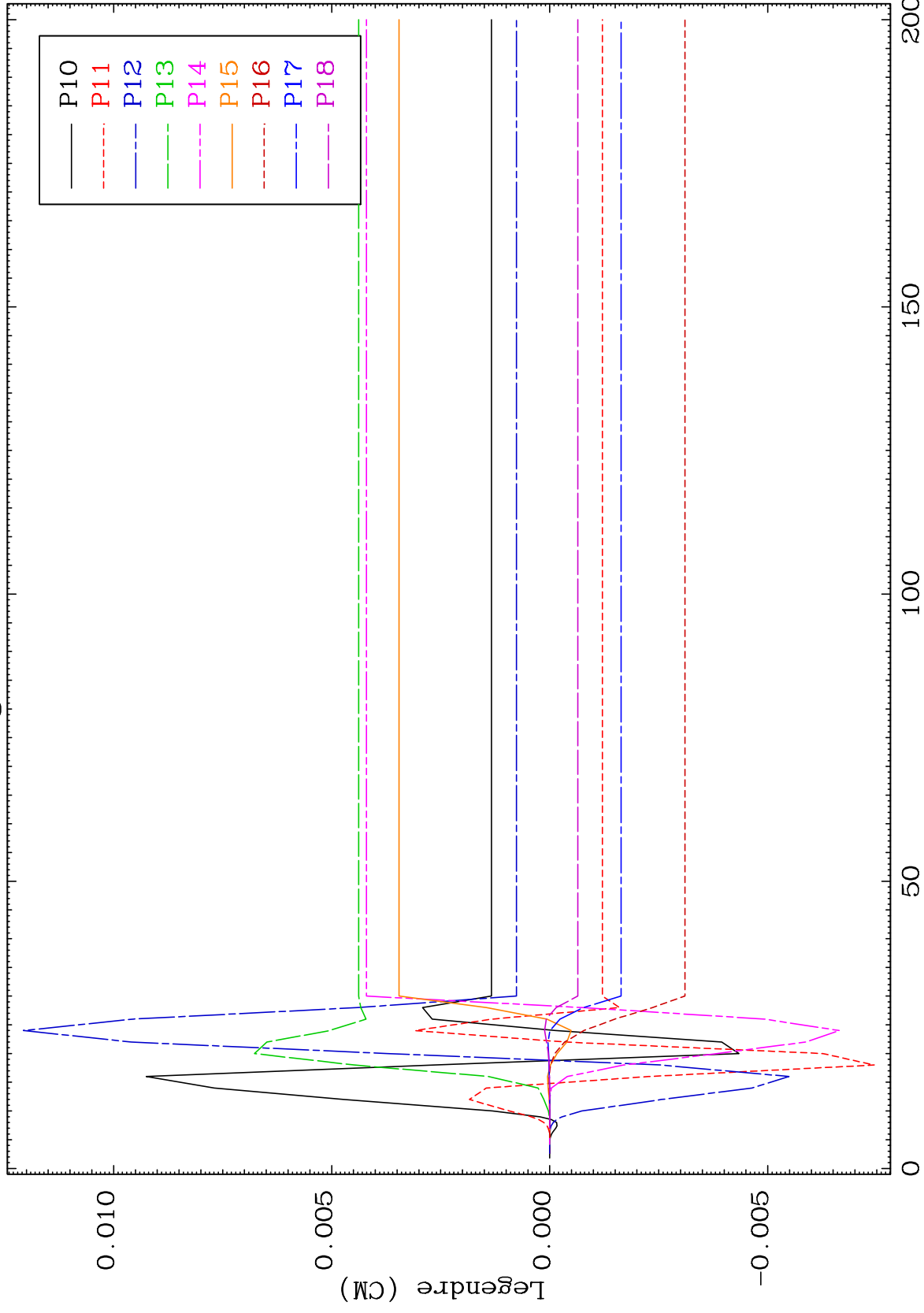
Incident Energy (MeV)

28

MAT 4431

1.398 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



29

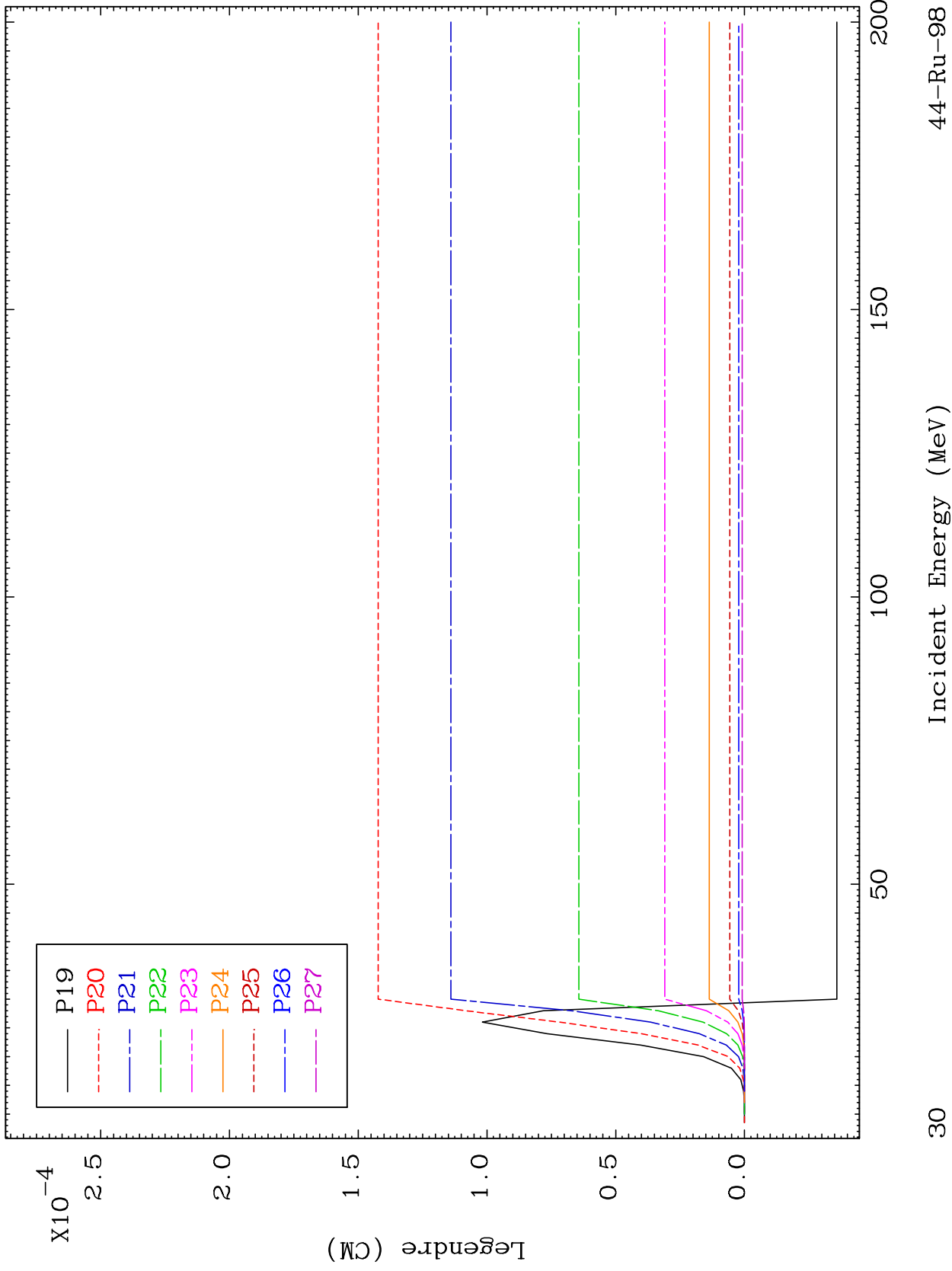
Incident Energy (MeV)

44-Ru-98

MAT 4431

1.398 MeV (n,n') Level  
Legendre Coefficients

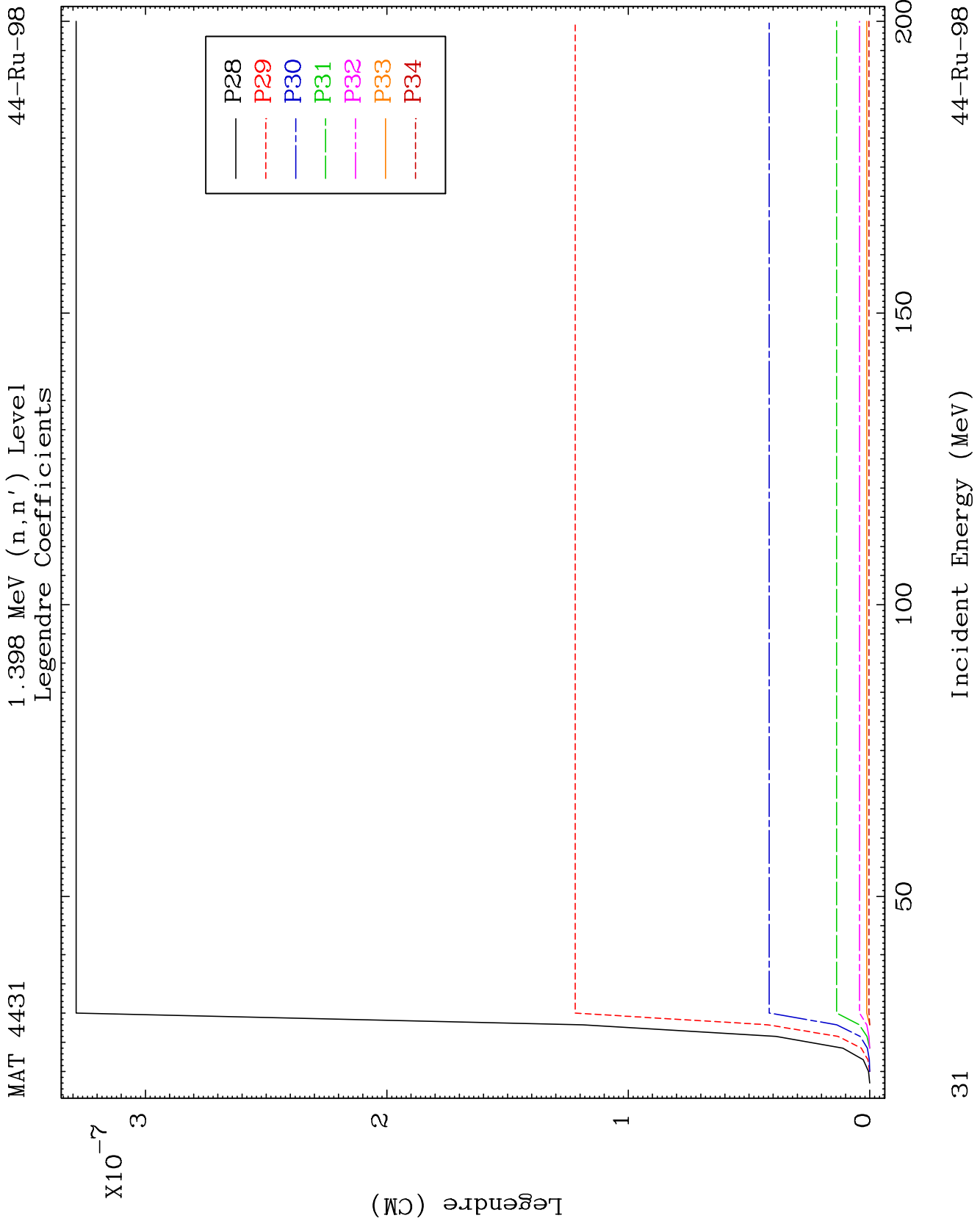
44-Ru-98



30

Incident Energy (MeV)

44-Ru-98

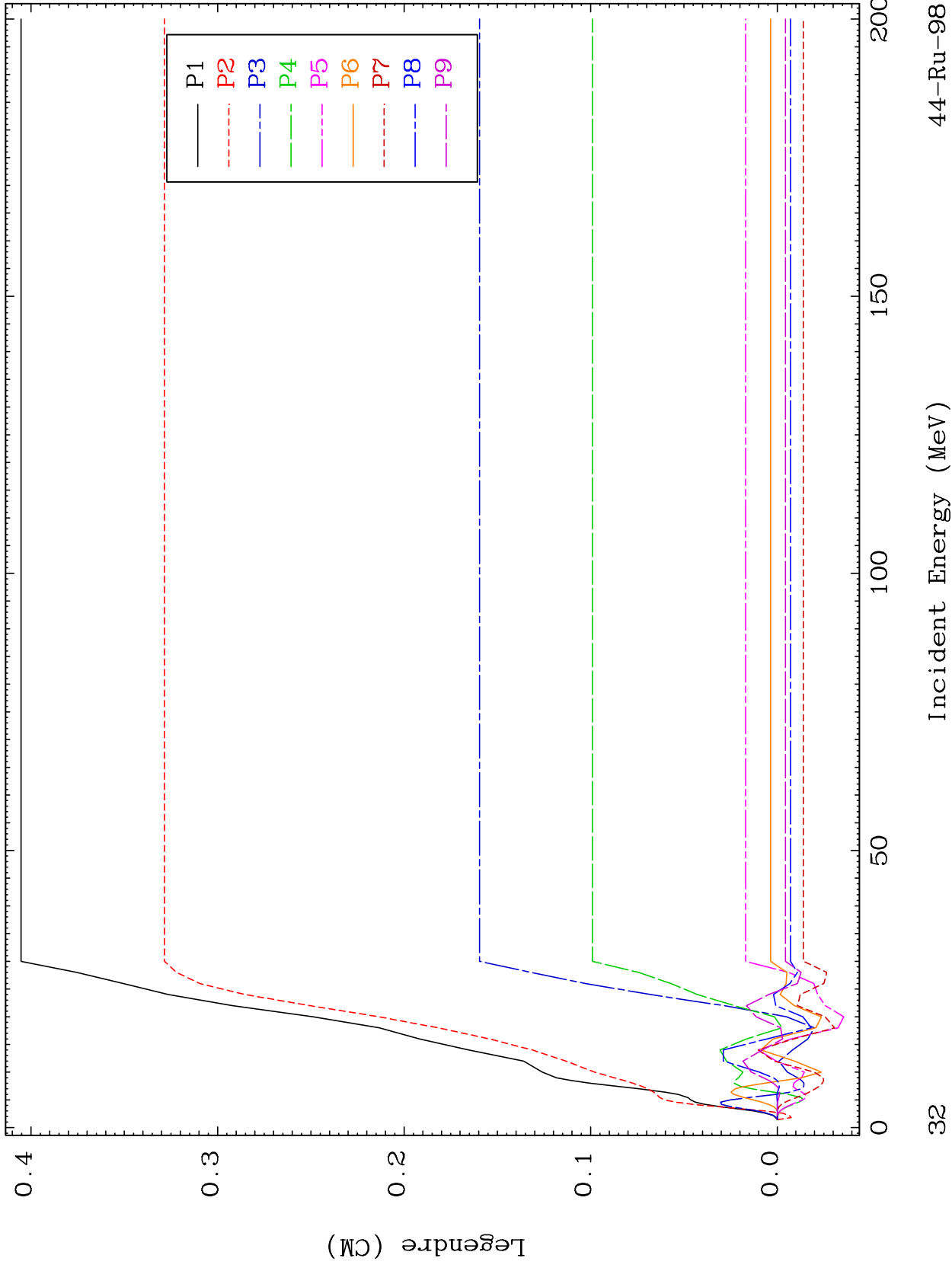




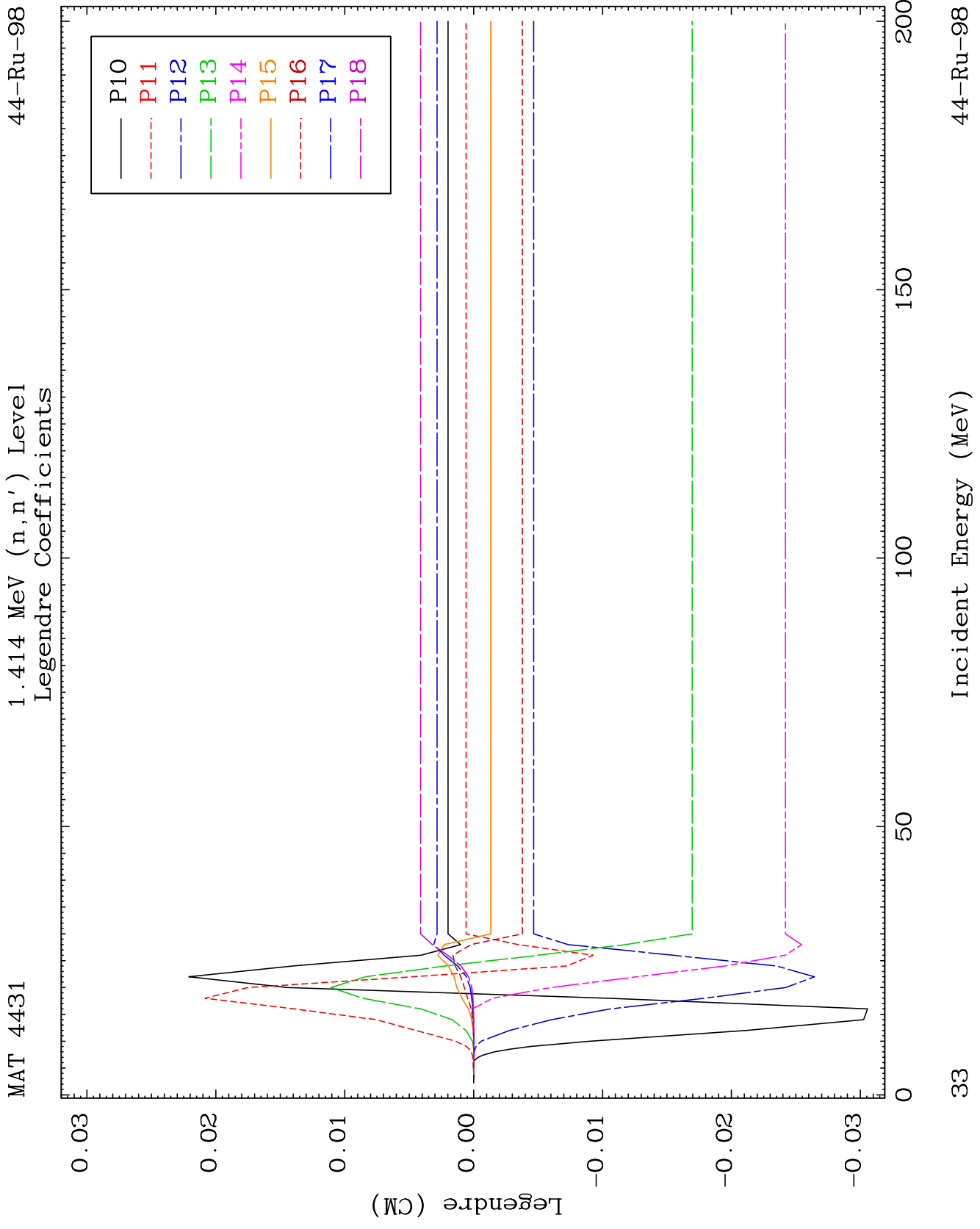
MAT 4431

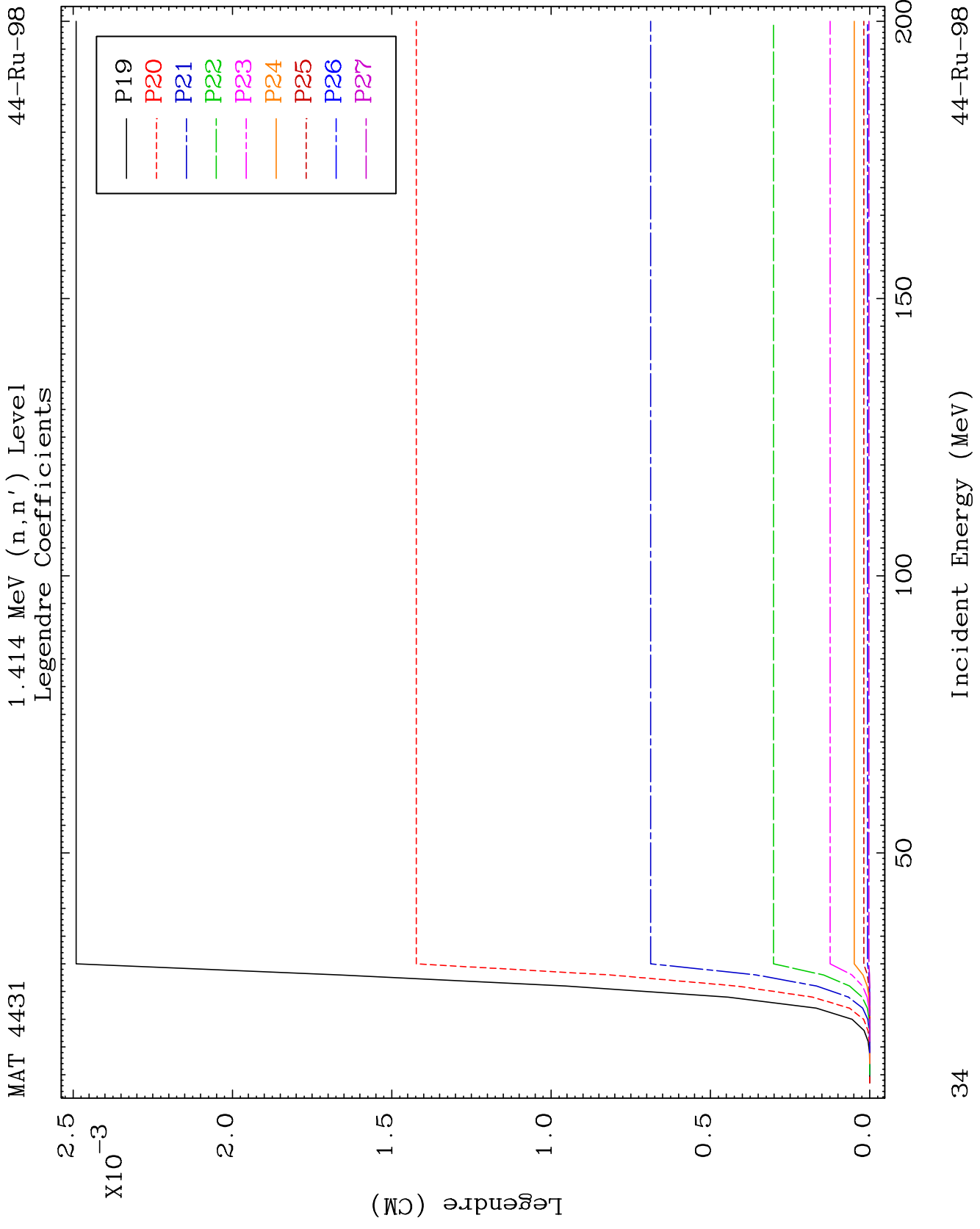
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Legendre Coefficients

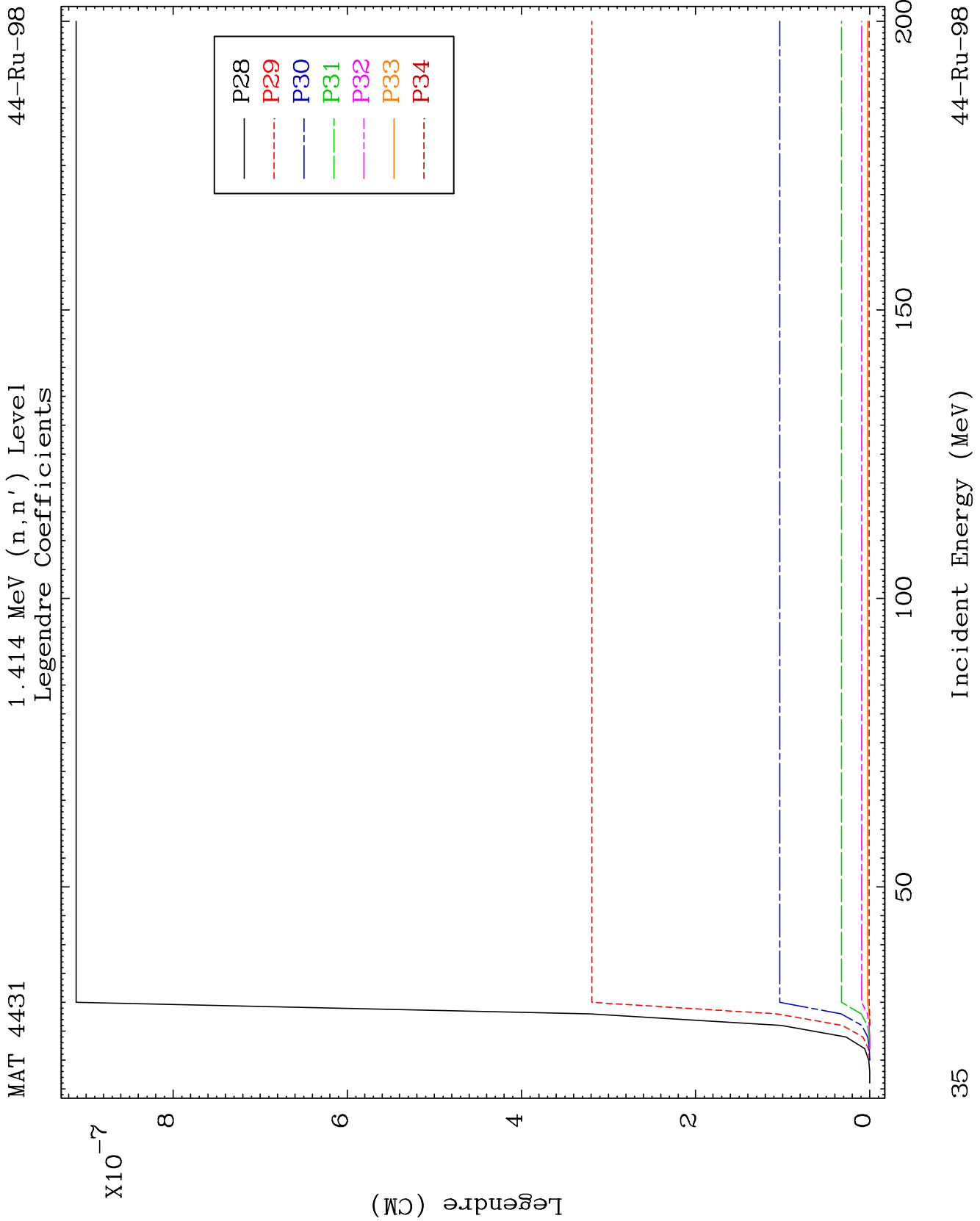
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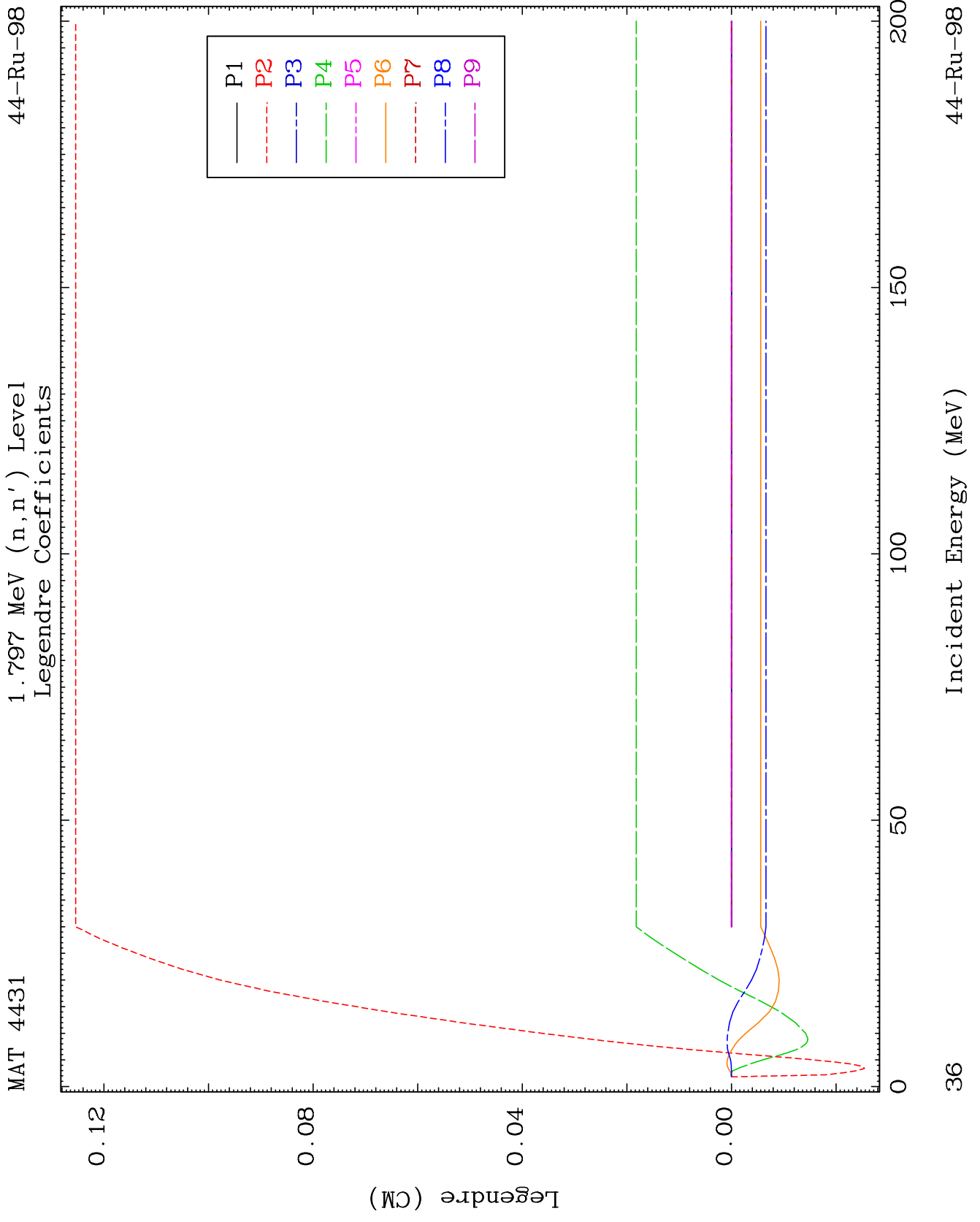


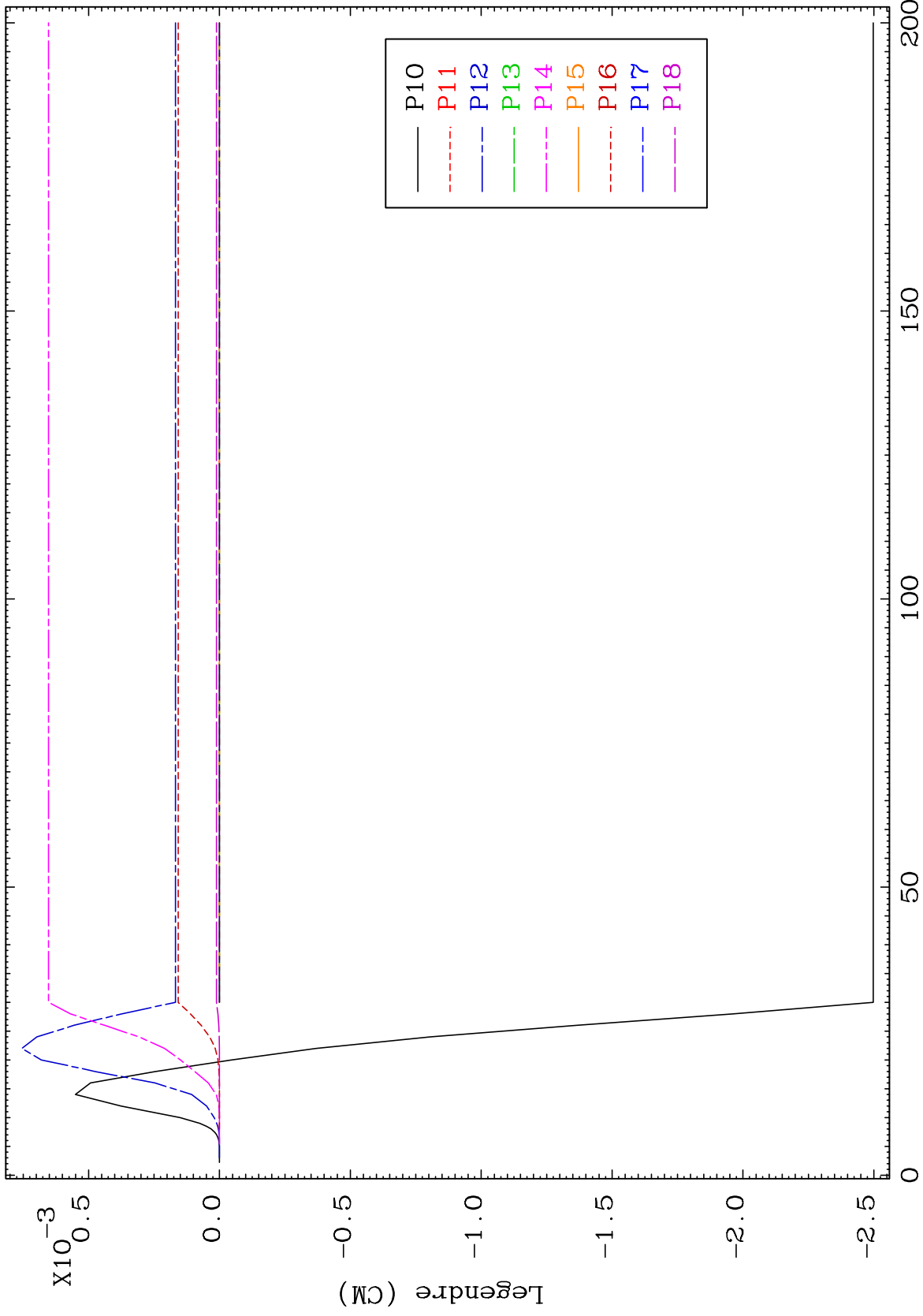
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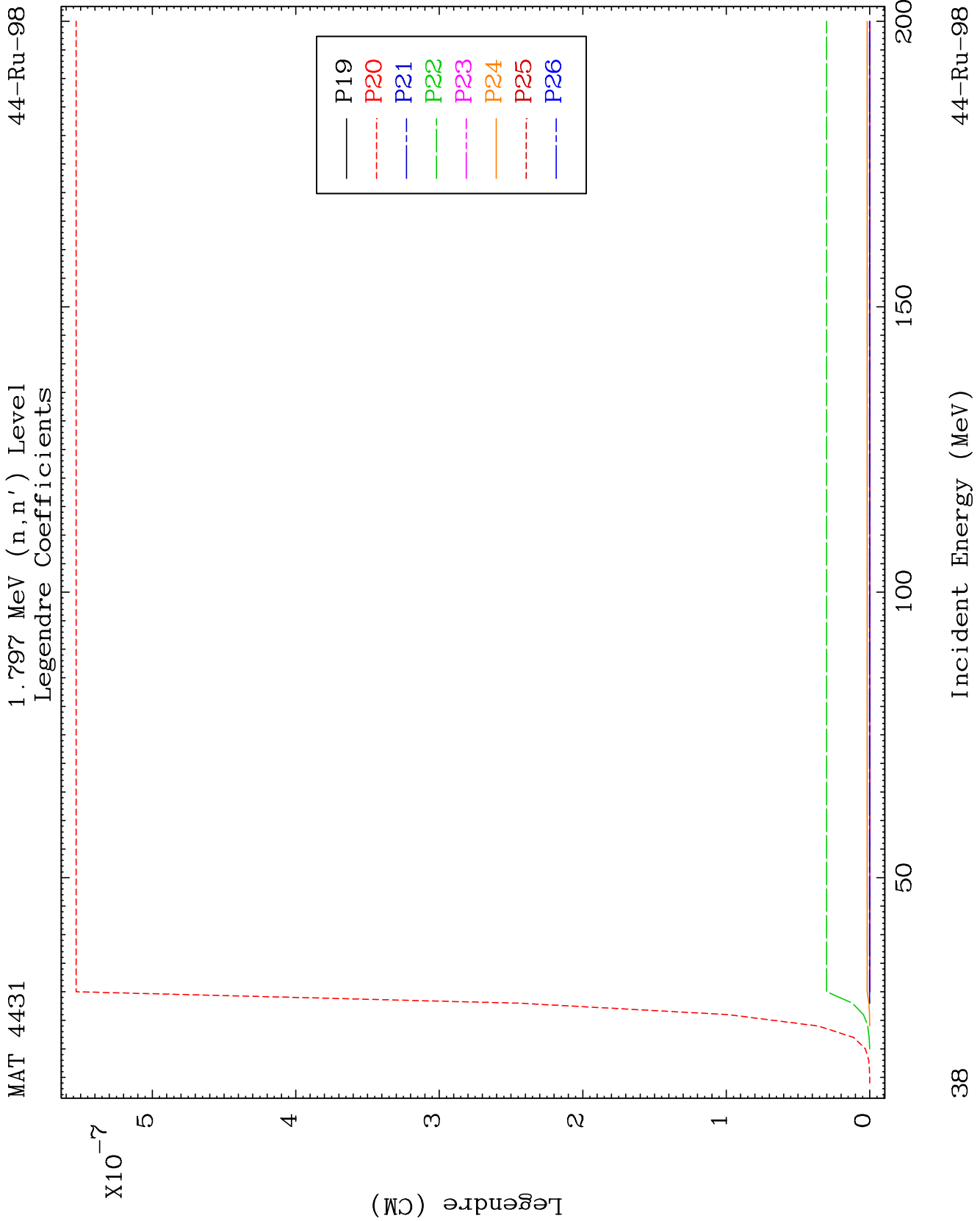


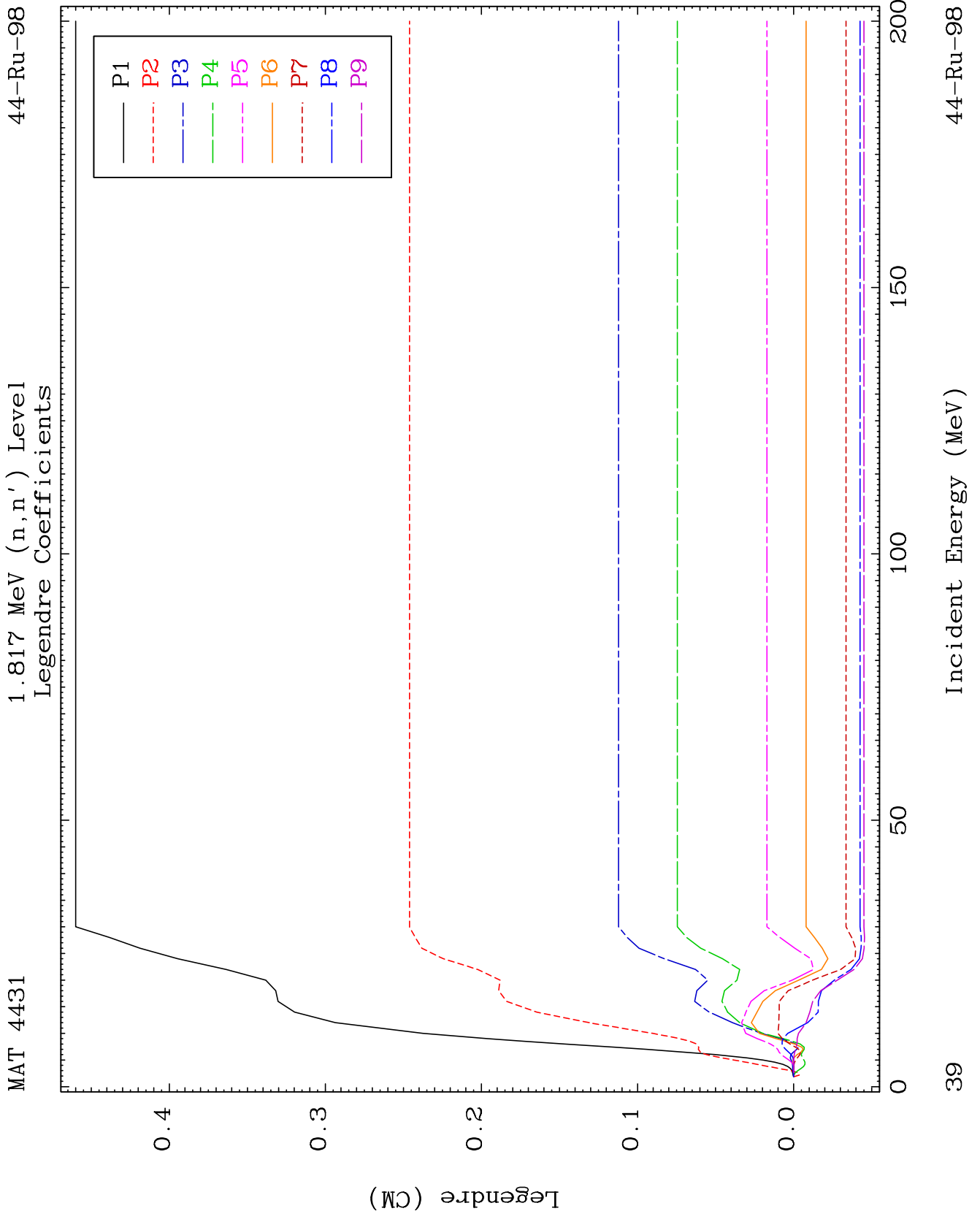










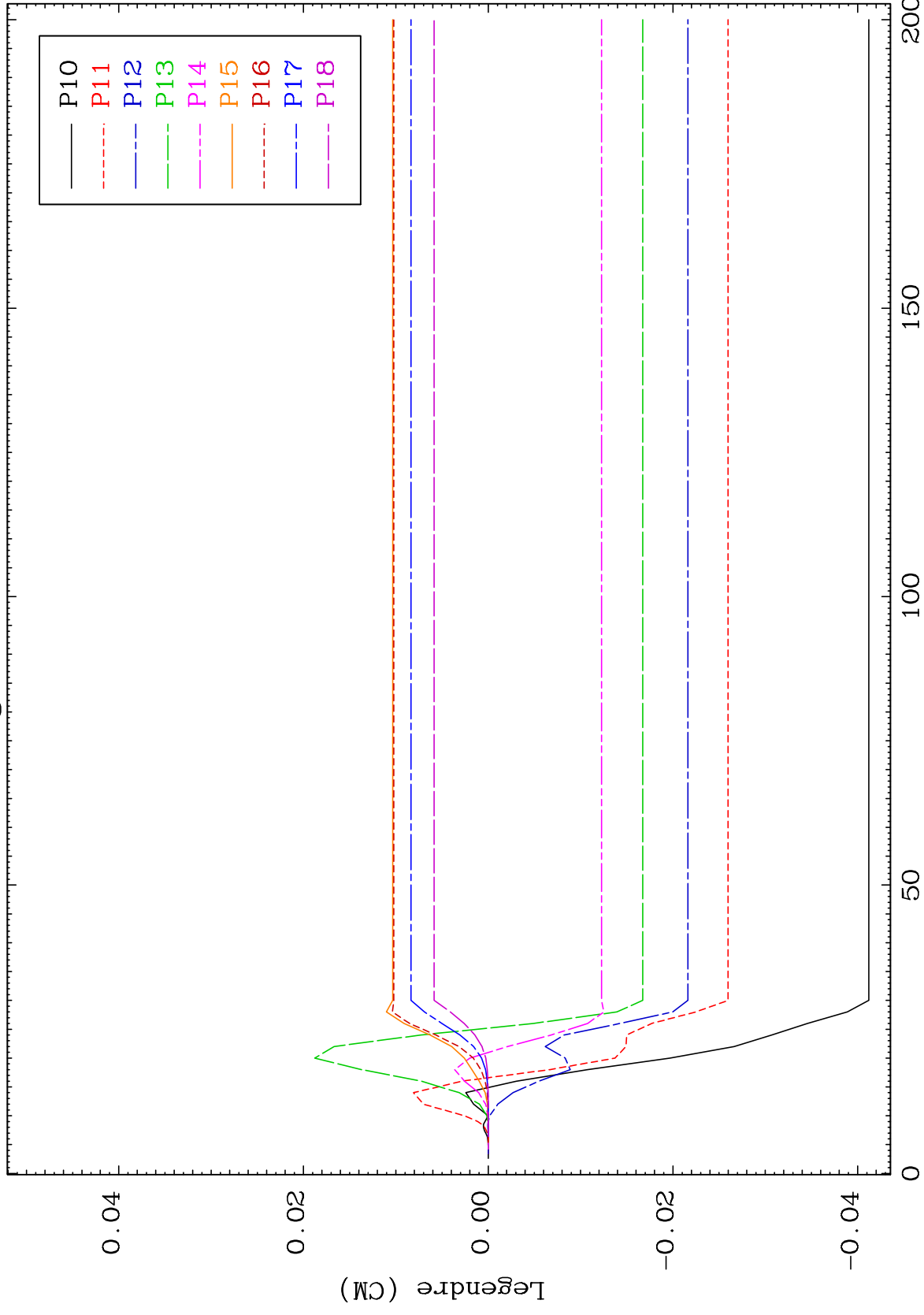




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1.817 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



40

Incident Energy (MeV)

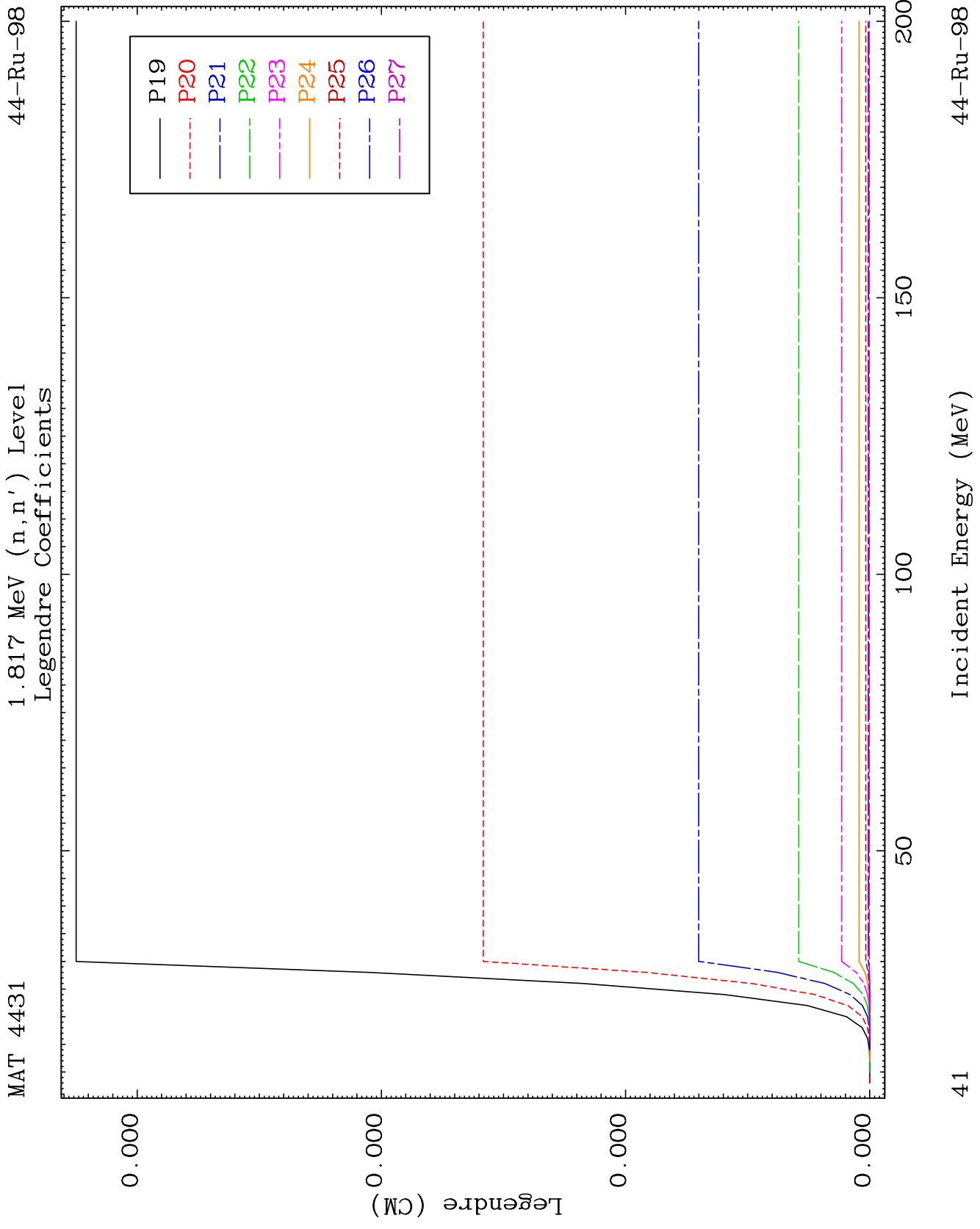
50

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150

200

44-Ru-98



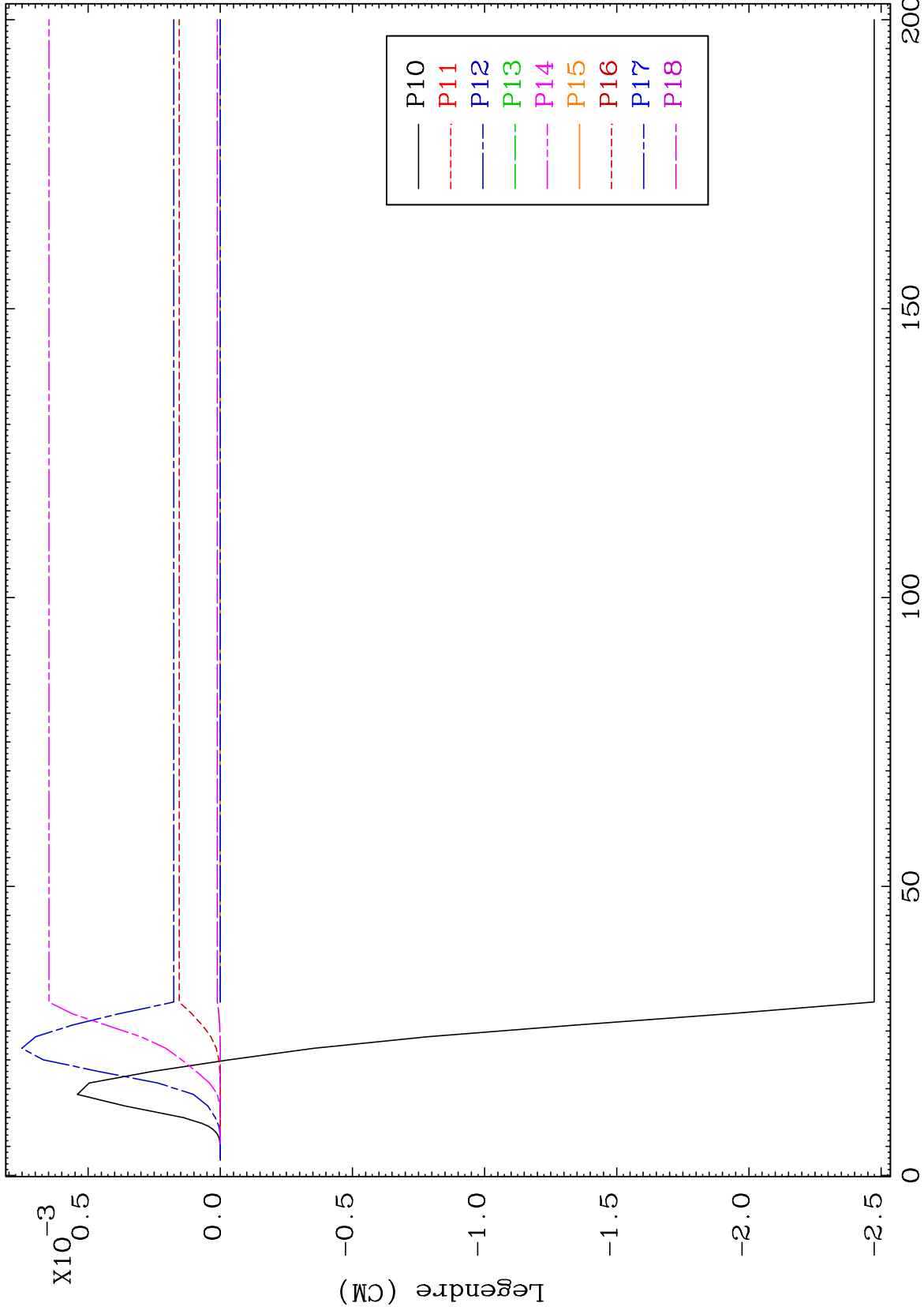




MAT 4431

1.953 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



44

Incident Energy (MeV)

44-Ru-98

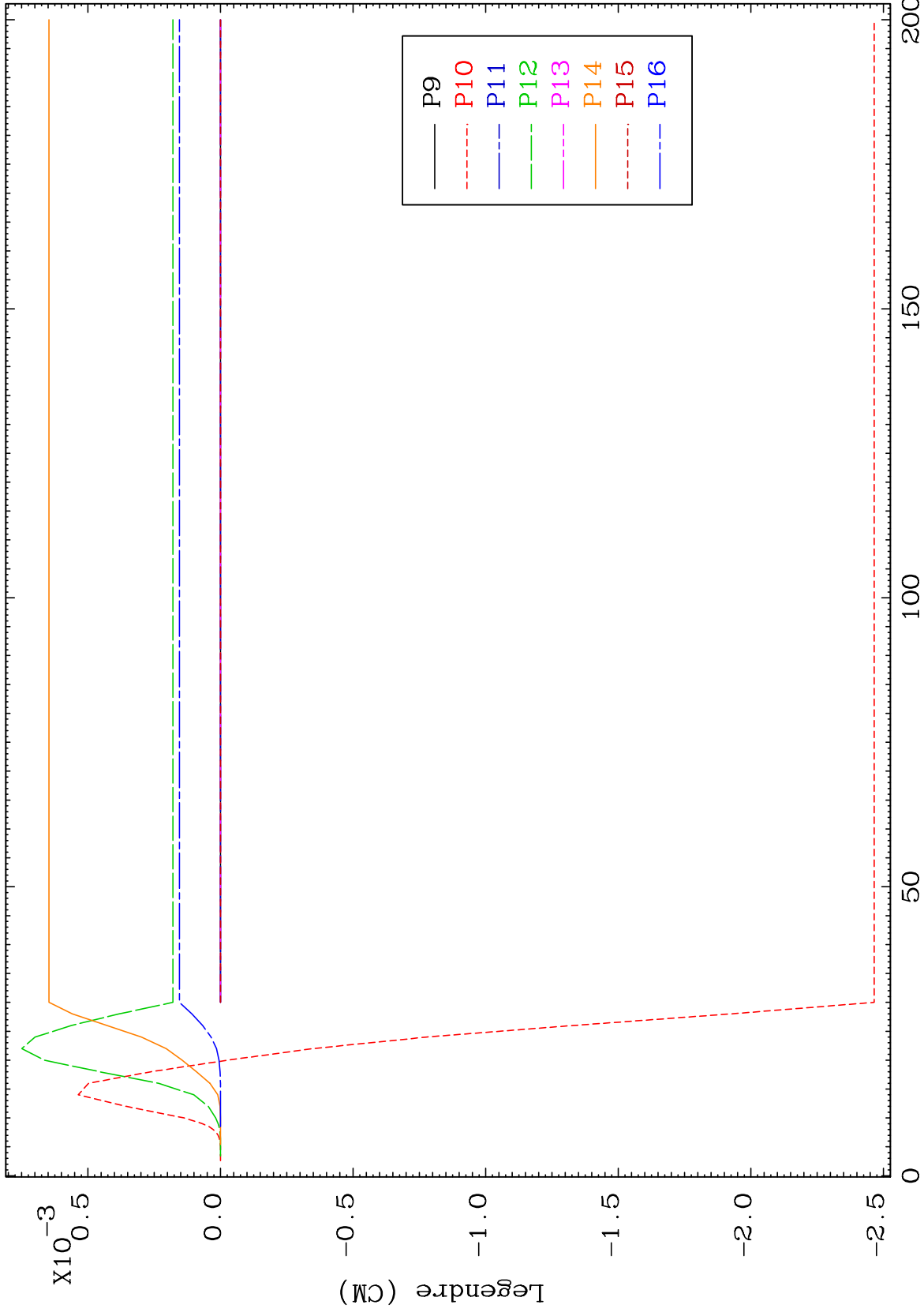




MAT 4431

2.013 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



47

44-Ru-98

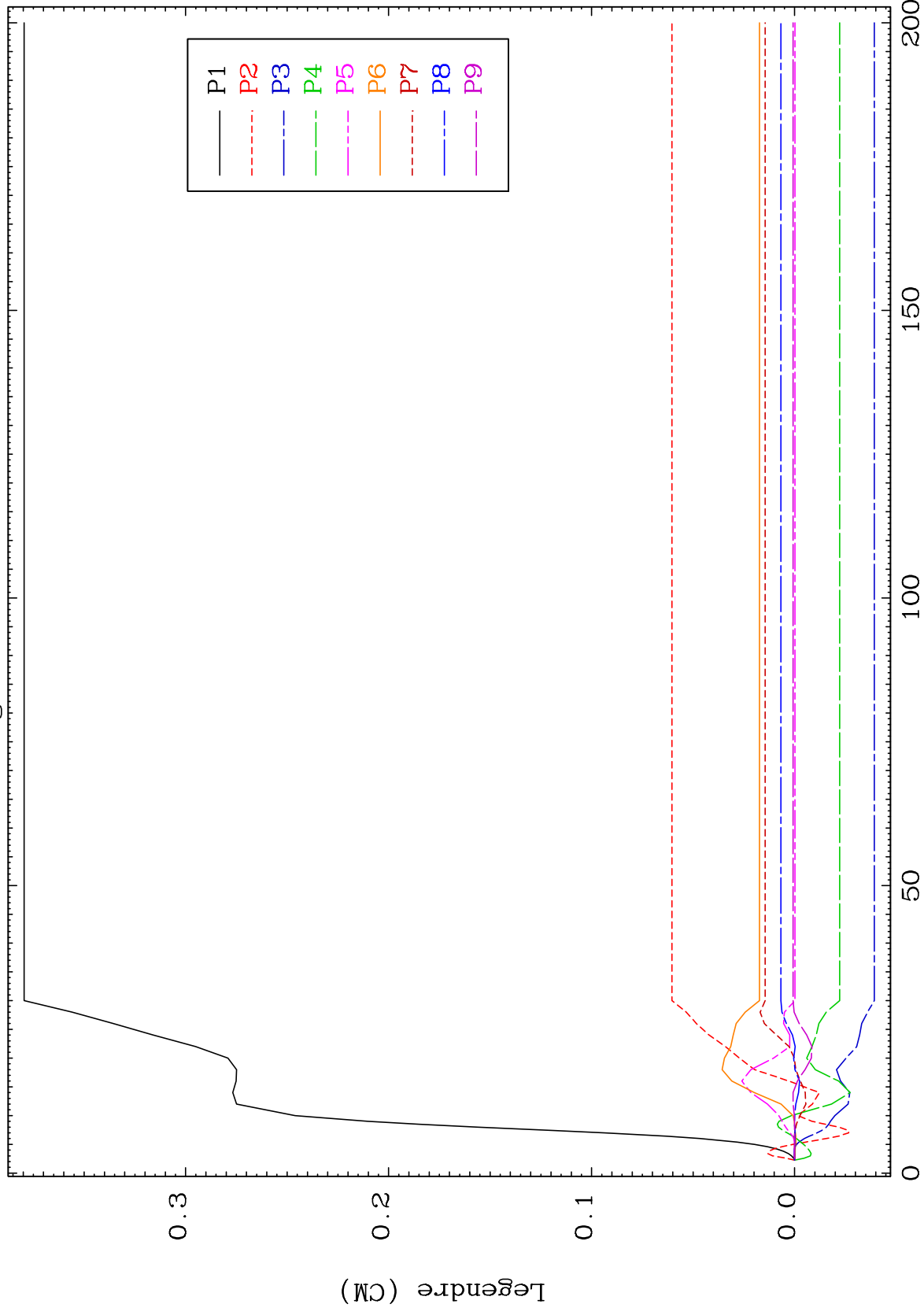




MAT 4431

2.223 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



49

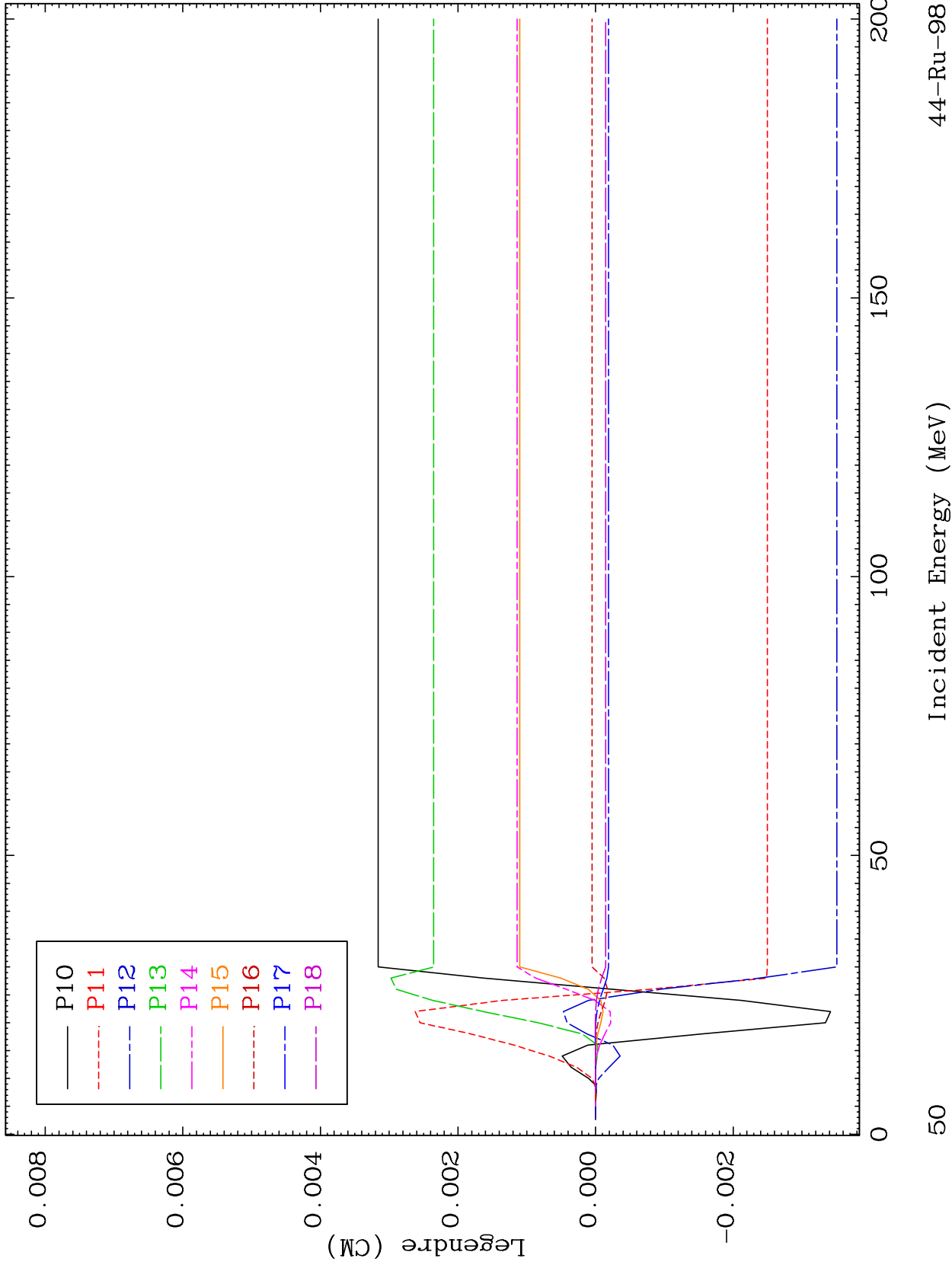
Incident Energy (MeV)

44-Ru-98

MAT 4431

2.223 MeV (n,n') Level  
Legendre Coefficients

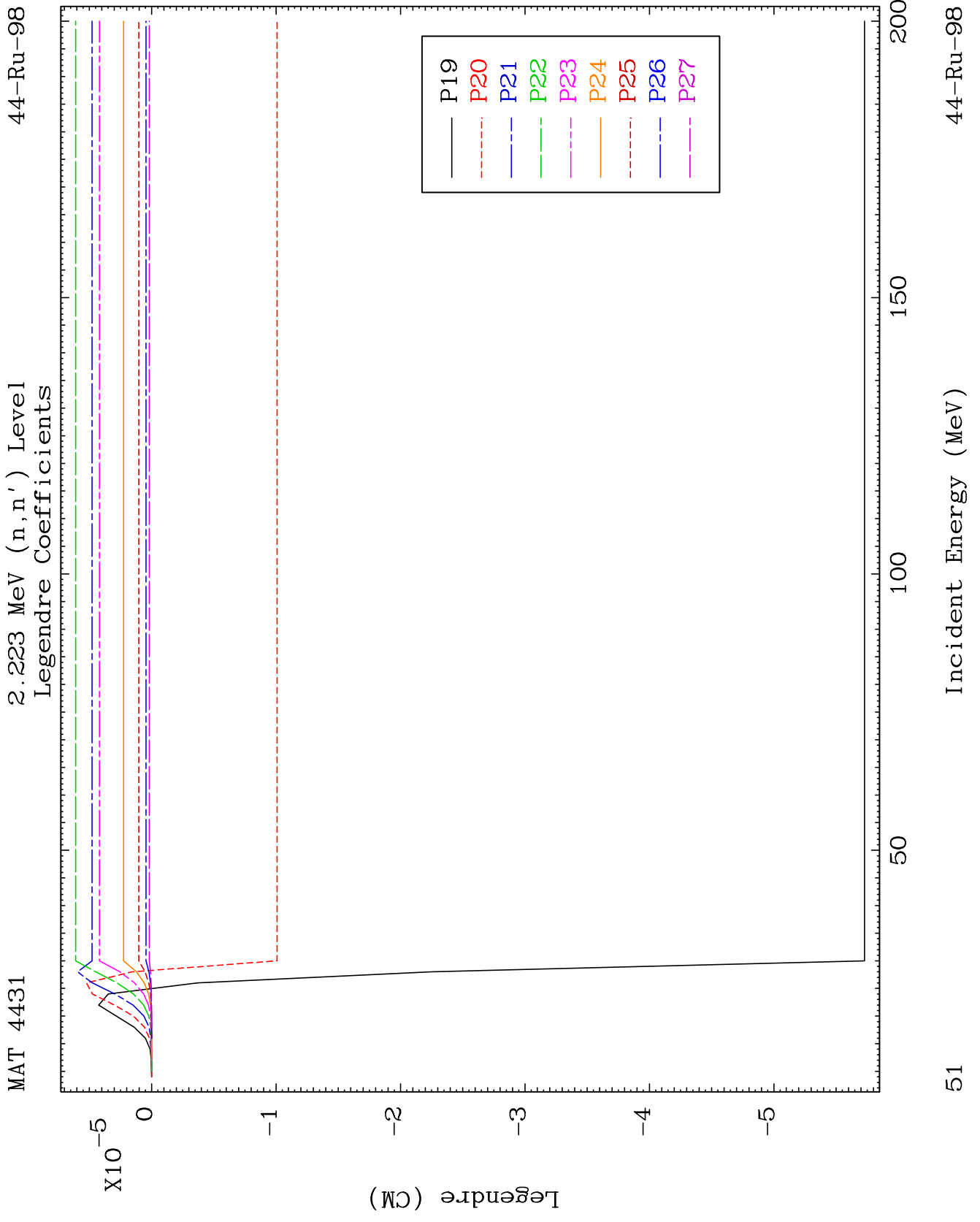
44-Ru-98



44-Ru-98

Incident Energy (MeV)

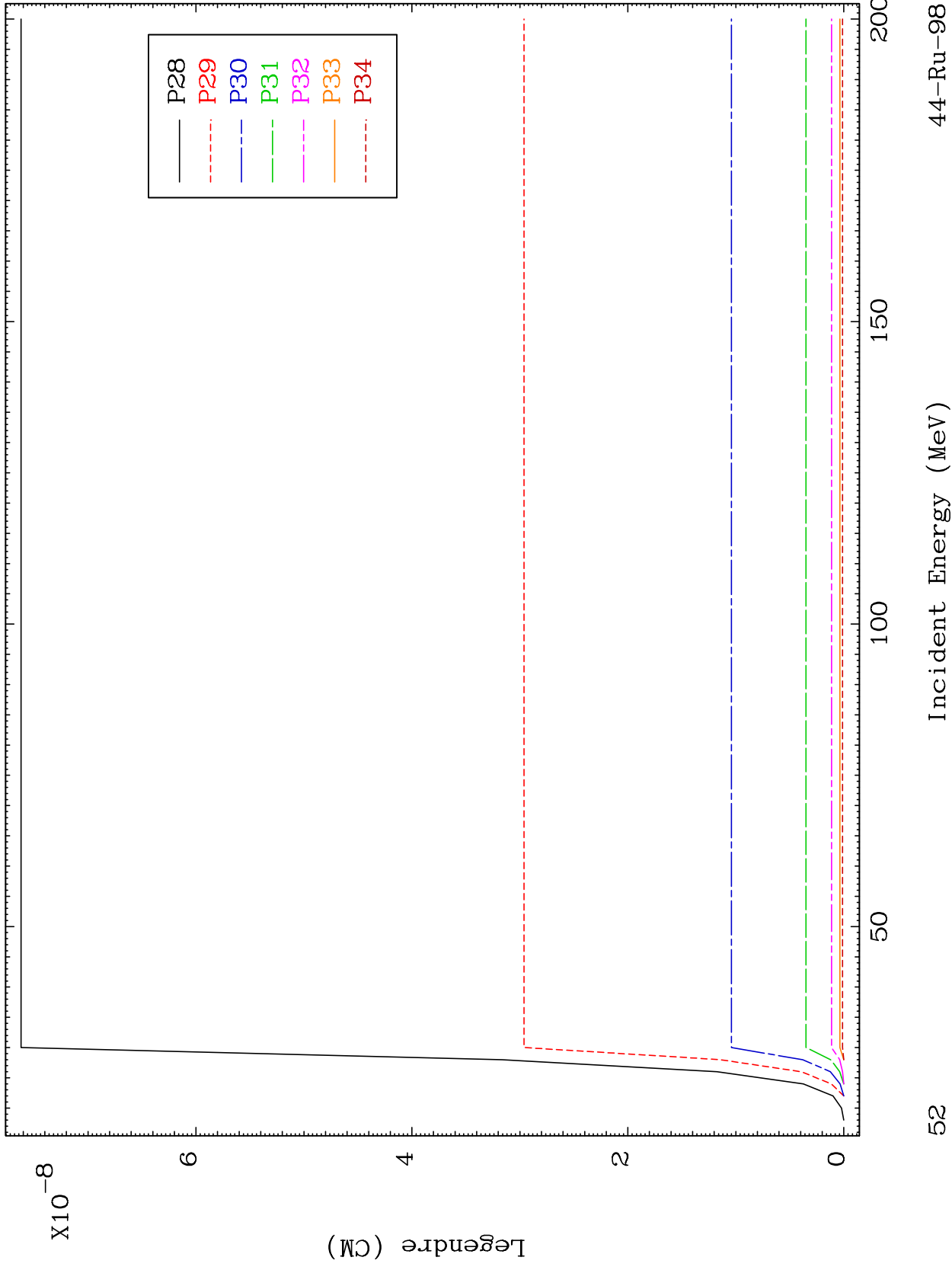
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MAT 4431

2.223 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



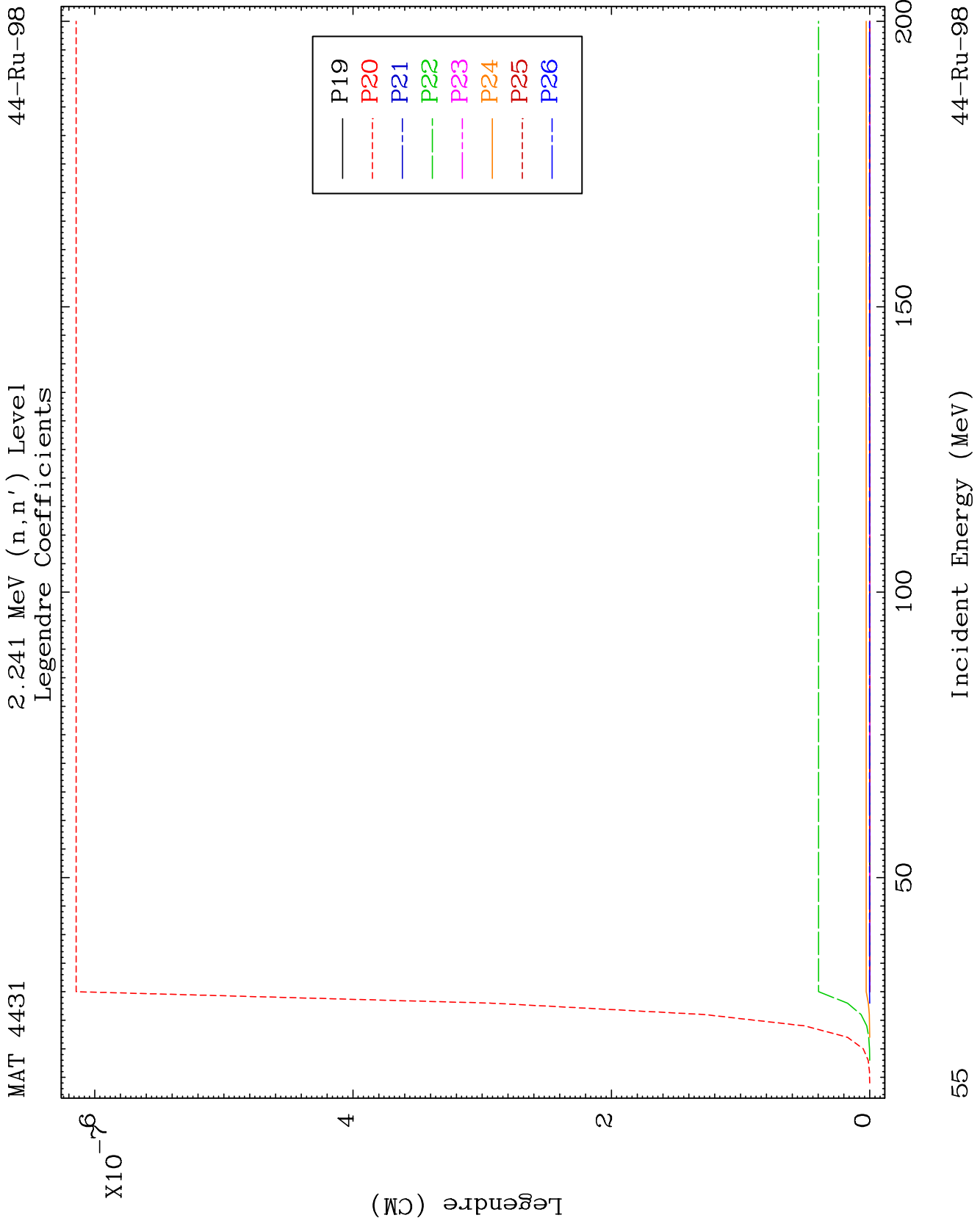
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Incident Energy (MeV)

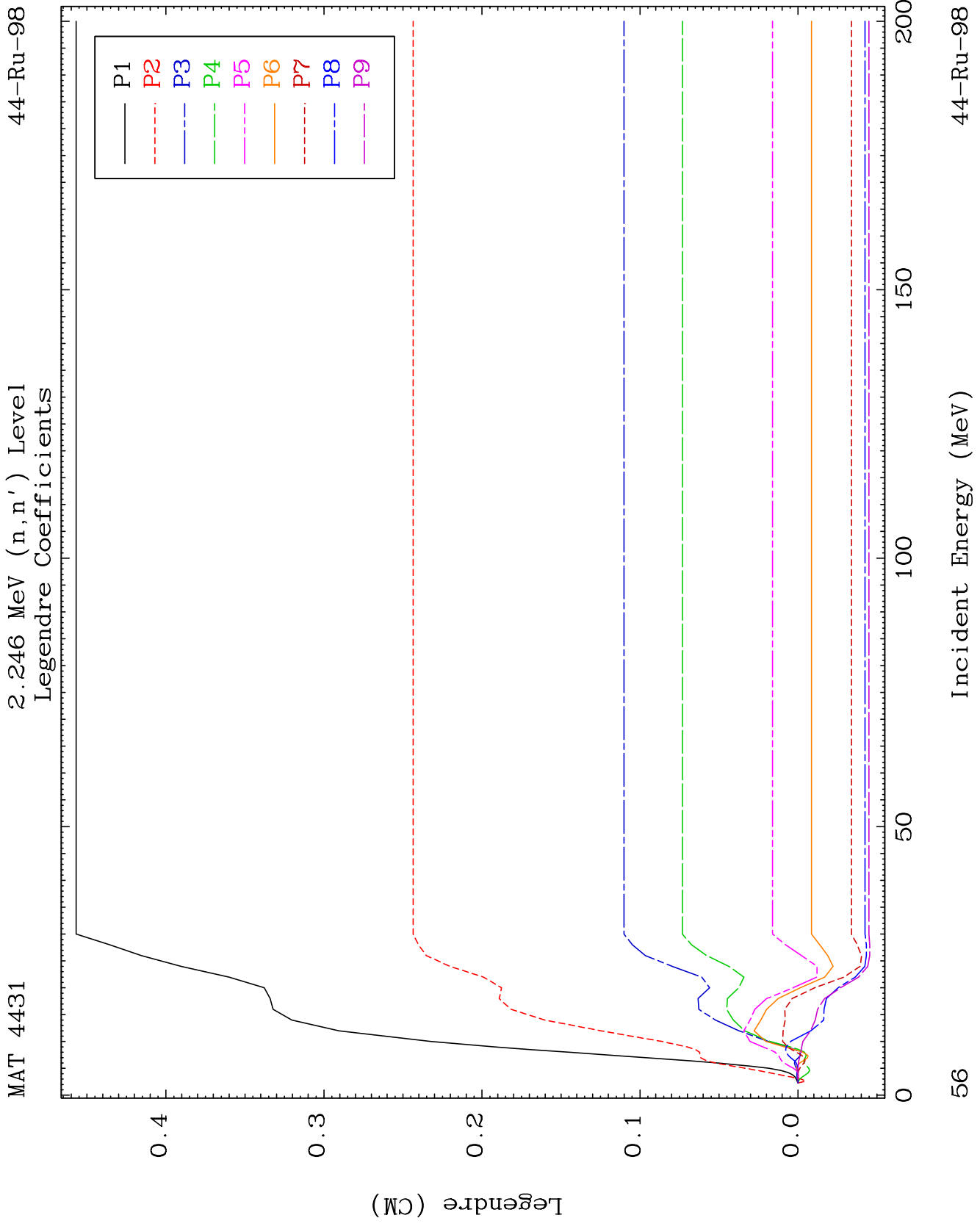
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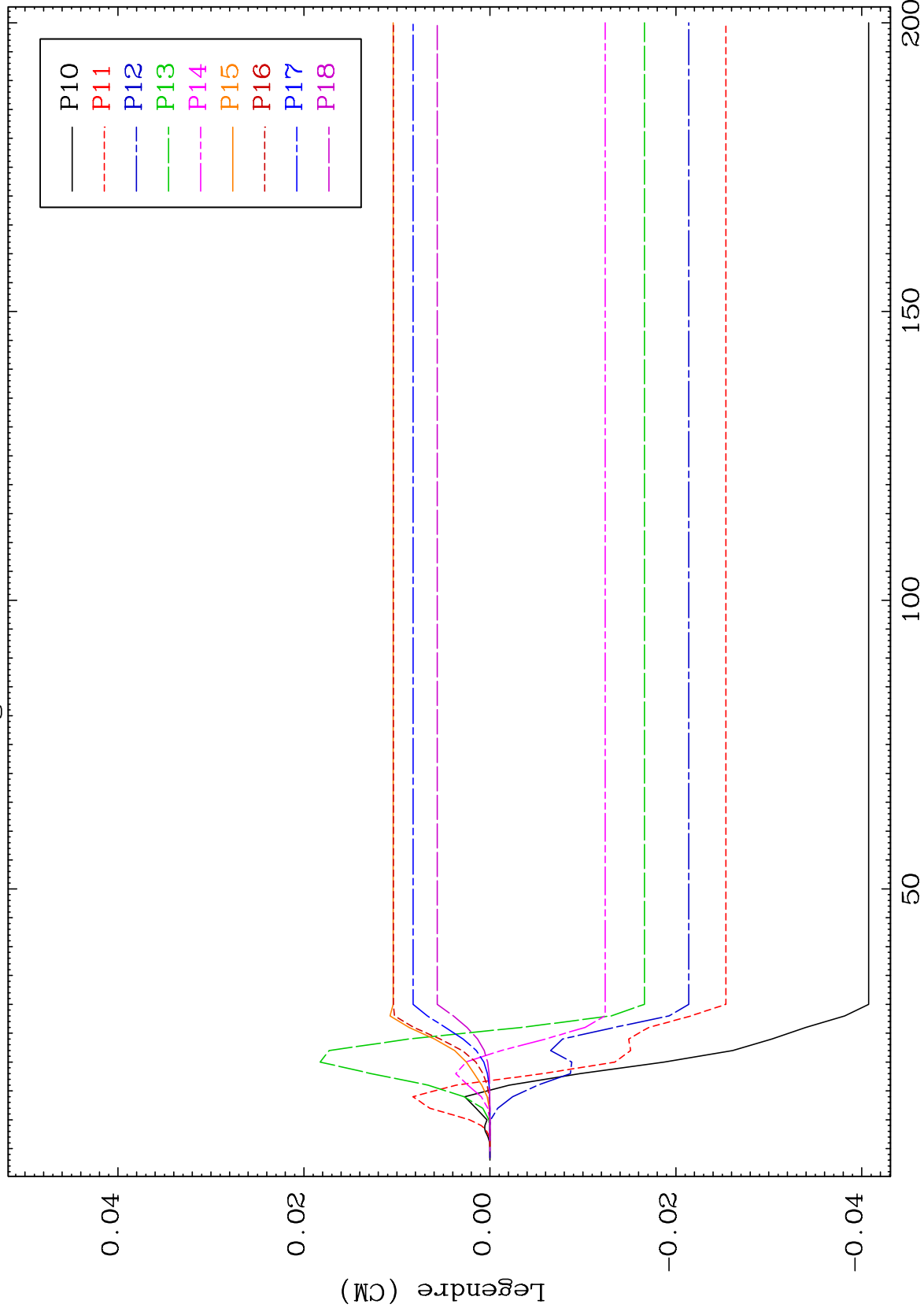




MAT 4431

2.246 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



57

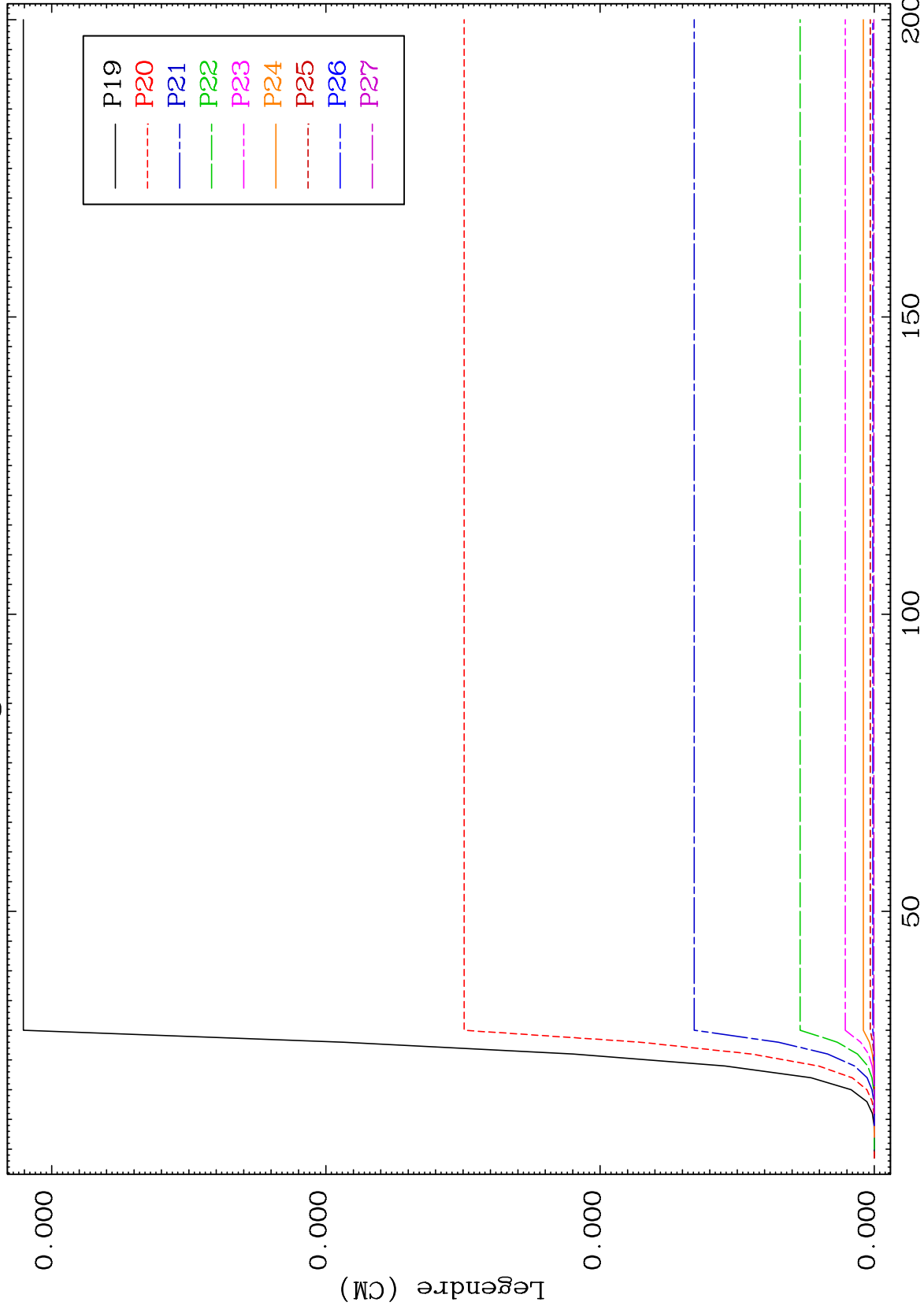
Incident Energy (MeV)

44-Ru-98

MAT 4431

2.246 MeV (n, n') Level  
Legendre Coefficients

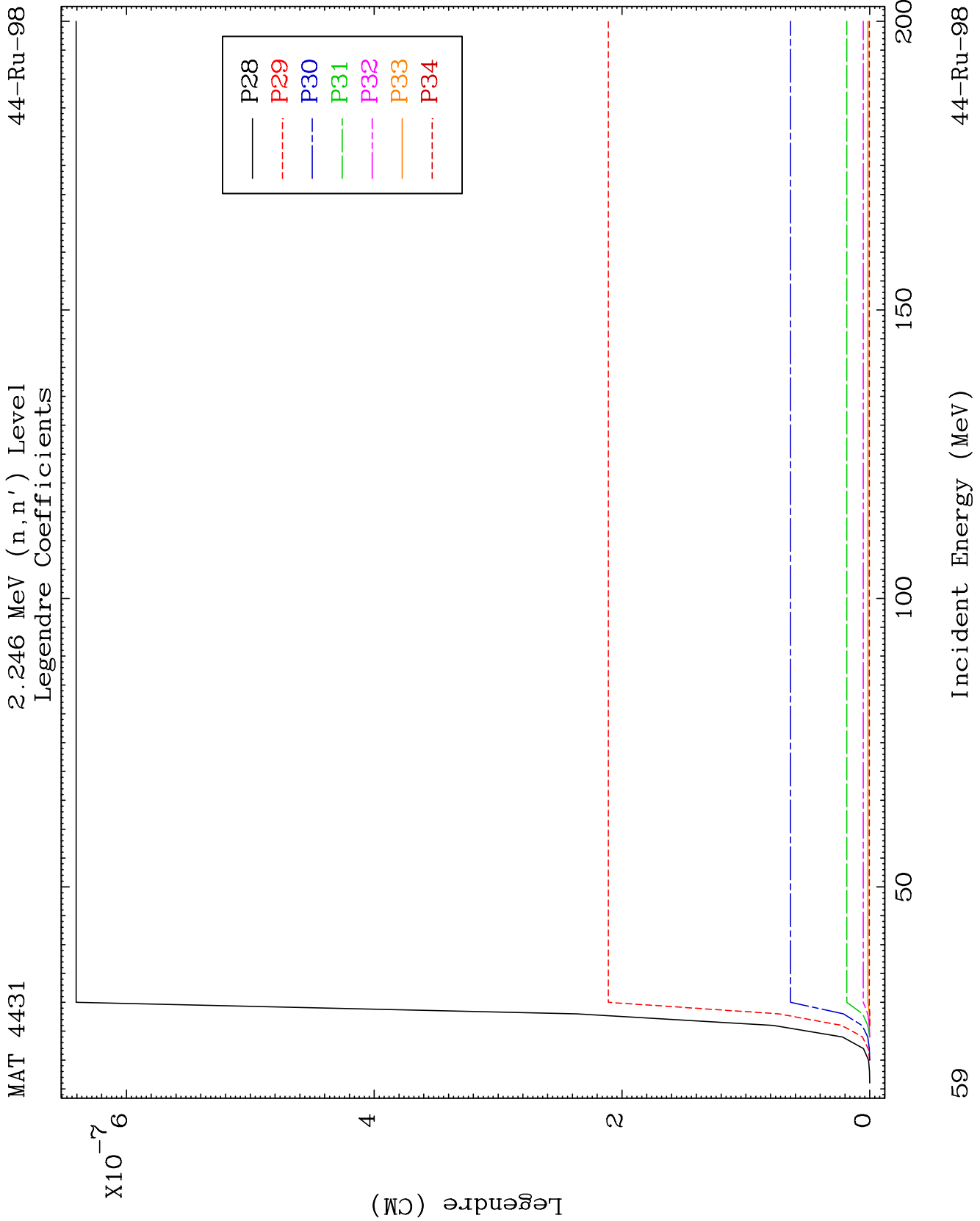
44-Ru-98



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Incident Energy (MeV)

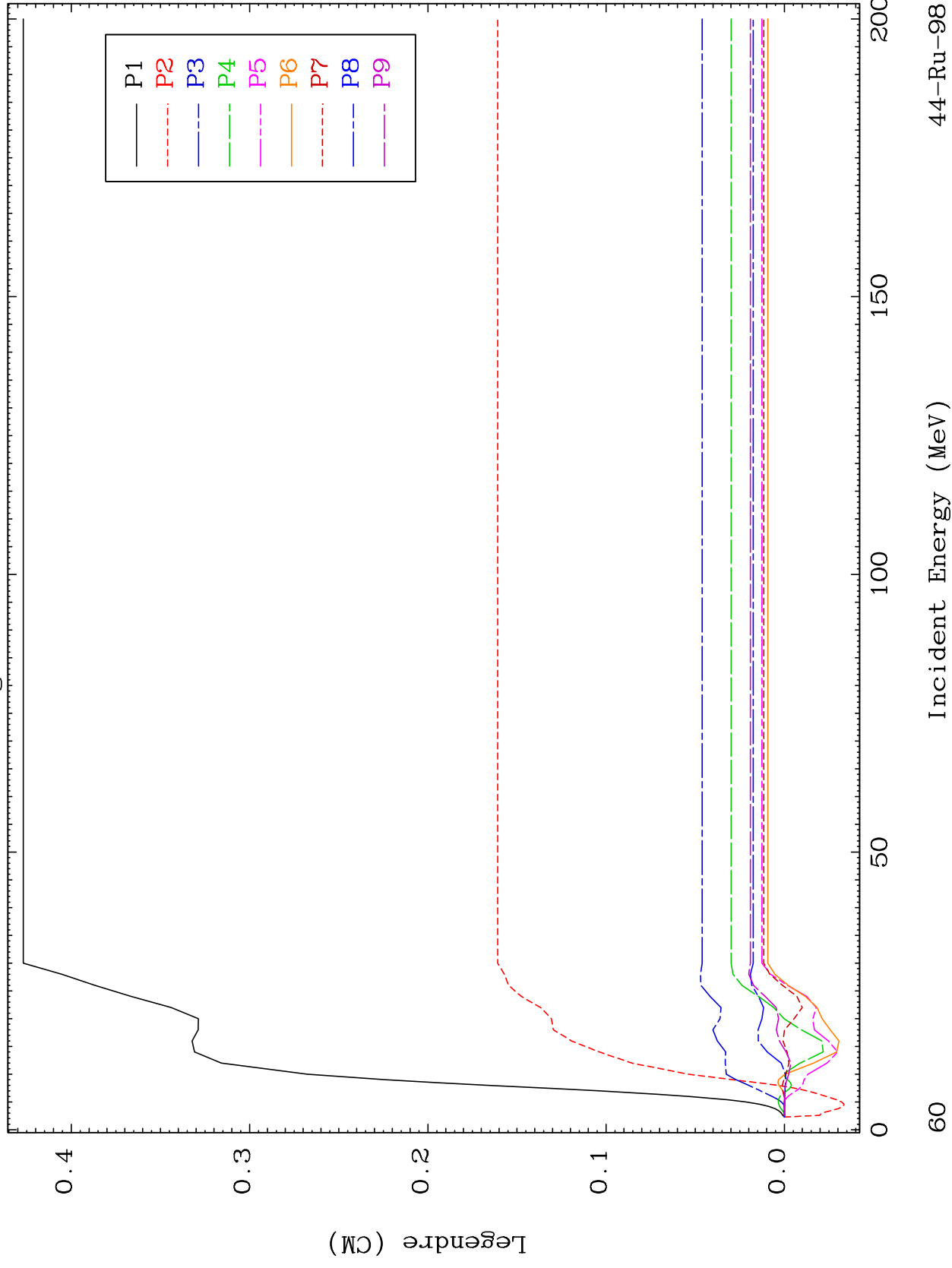
44-Ru-98



MAT 4431

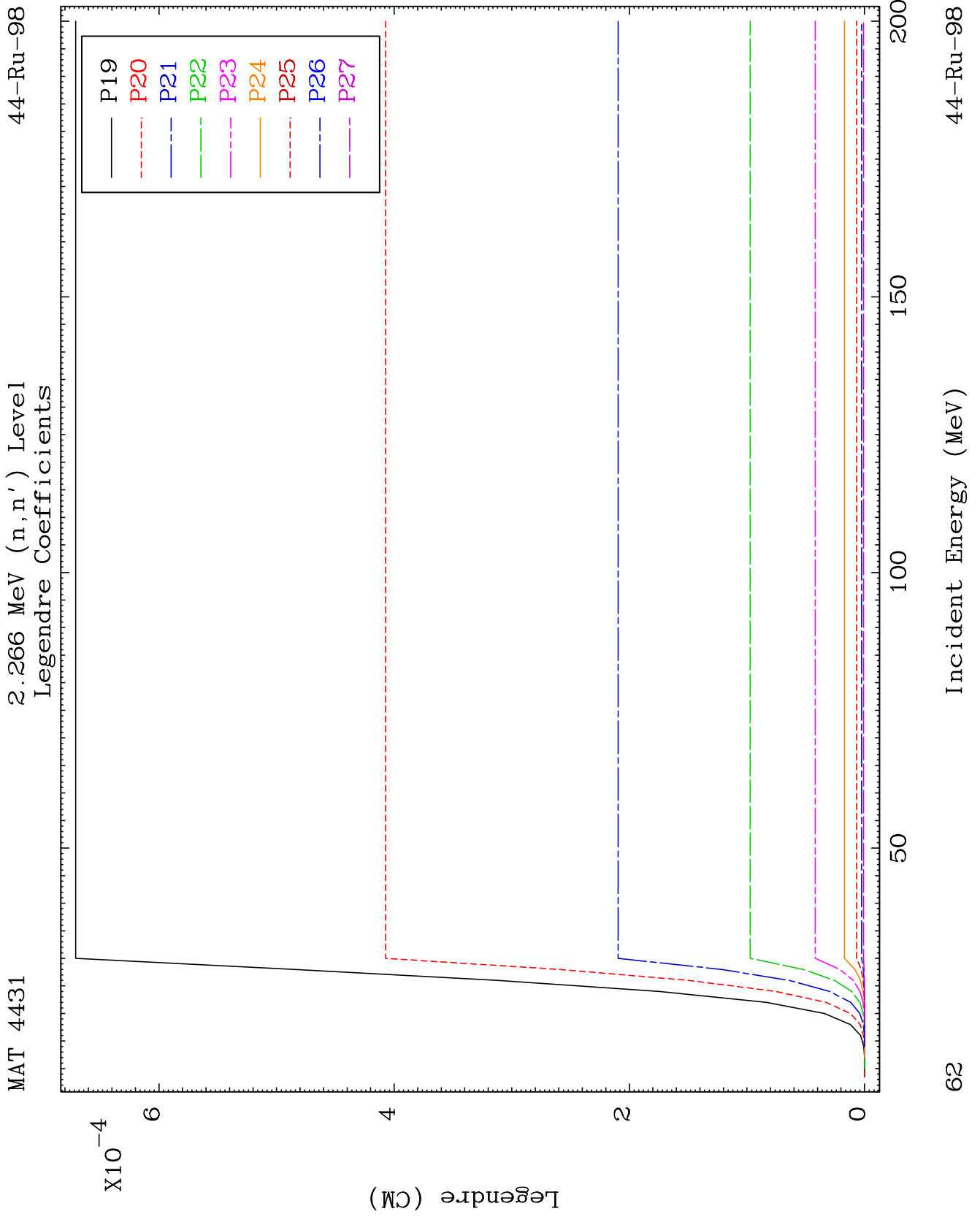
2.266 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



44-Ru-98







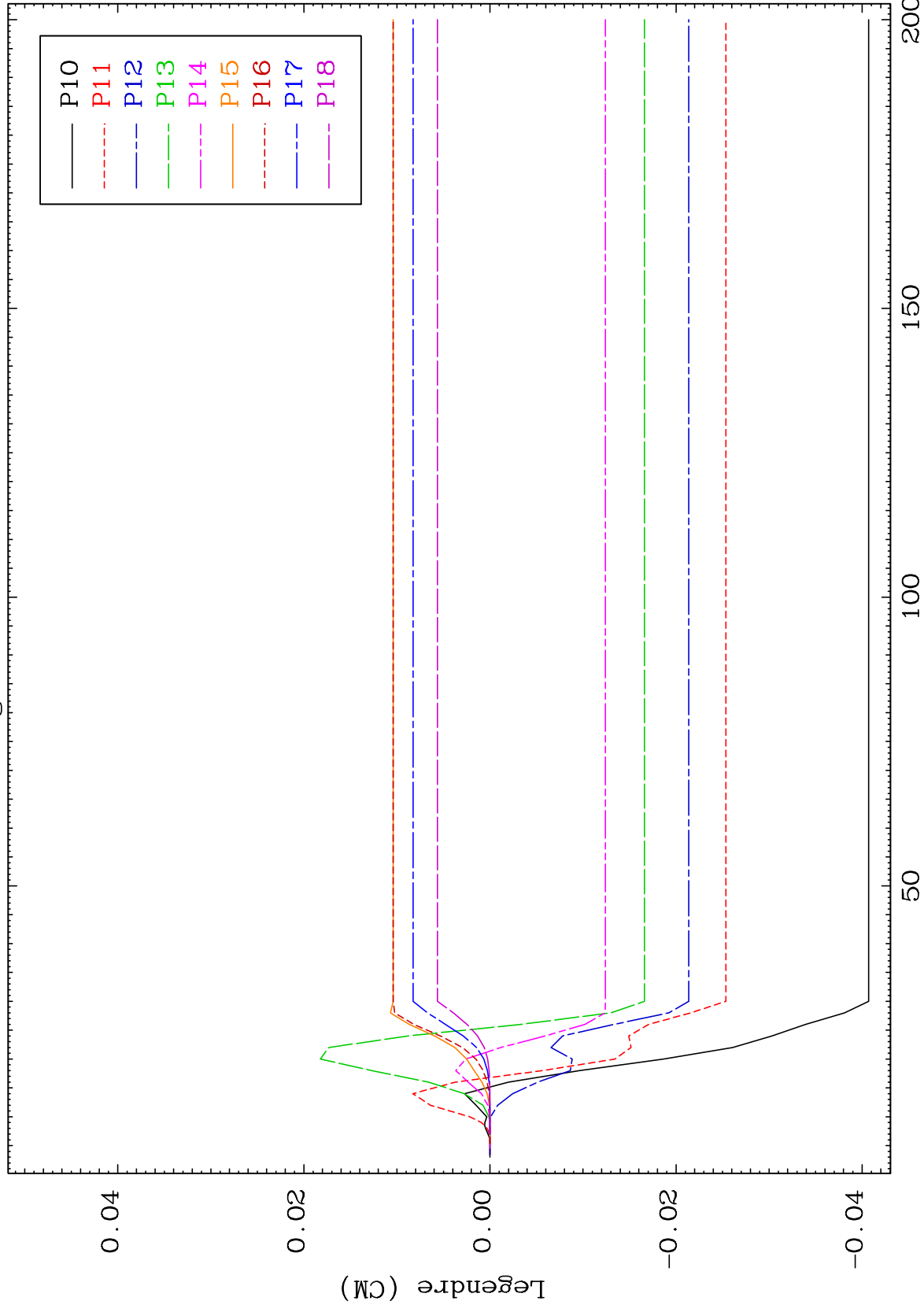




MAT 4431

2.277 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



65

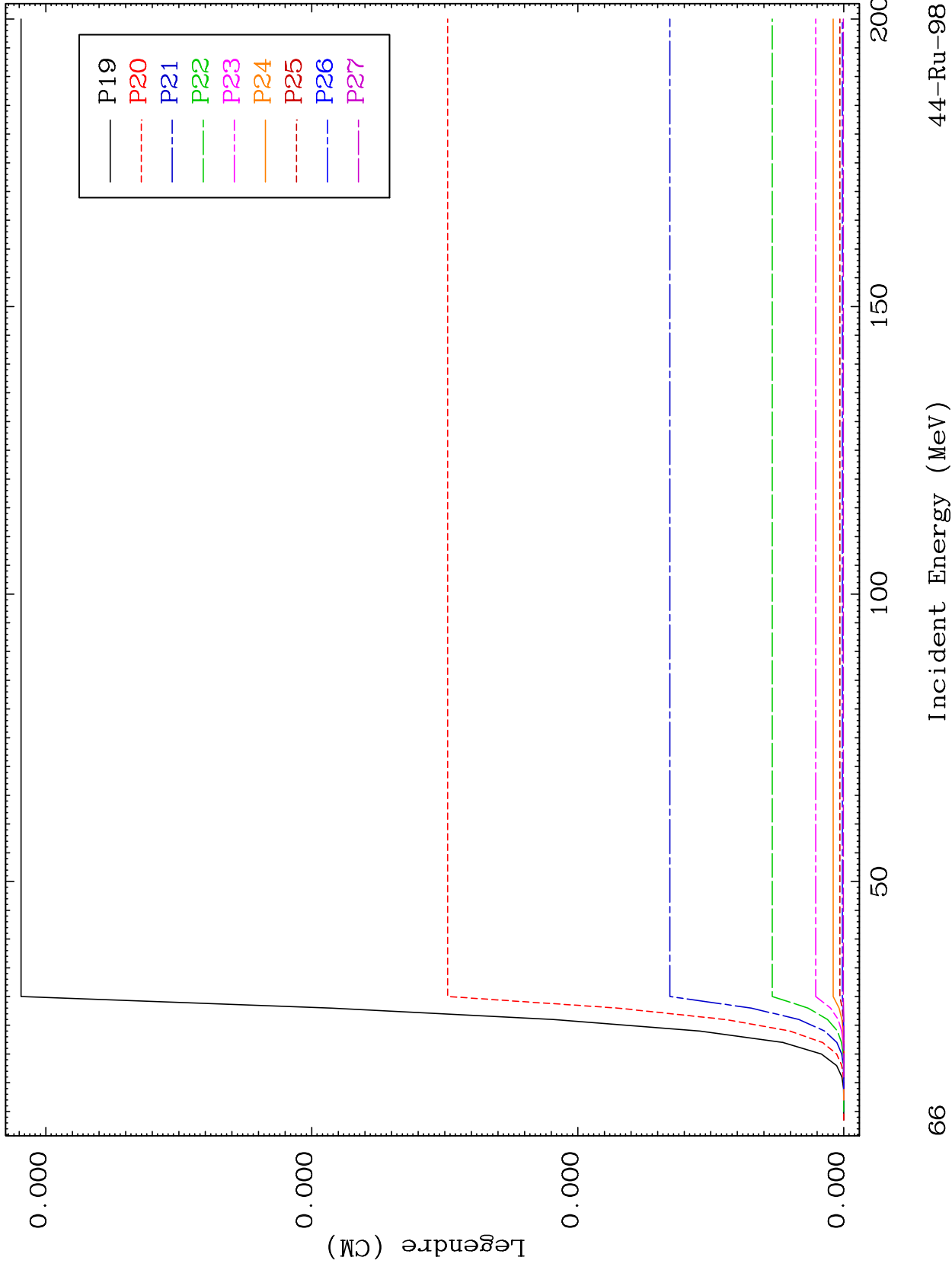
Incident Energy (MeV)

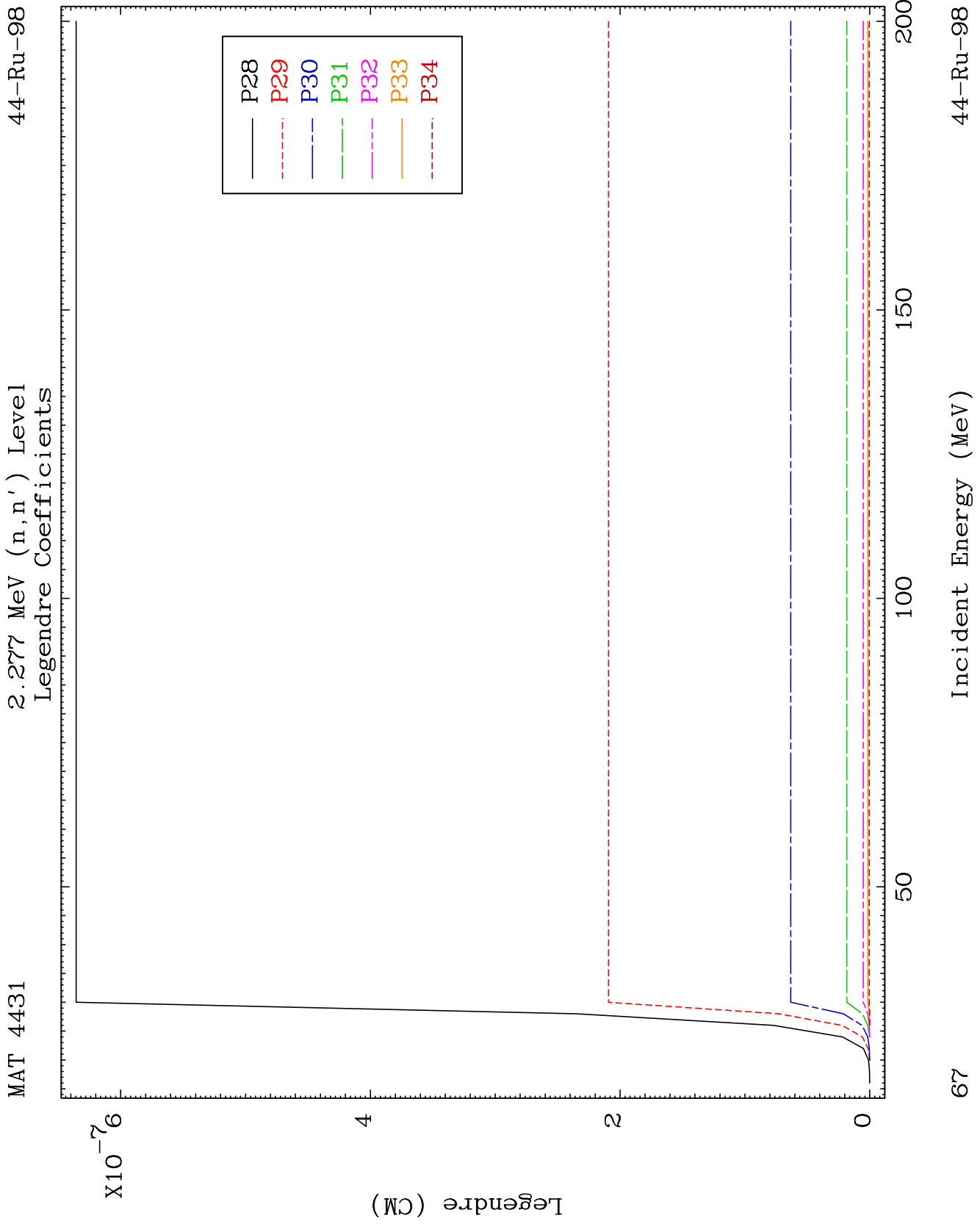
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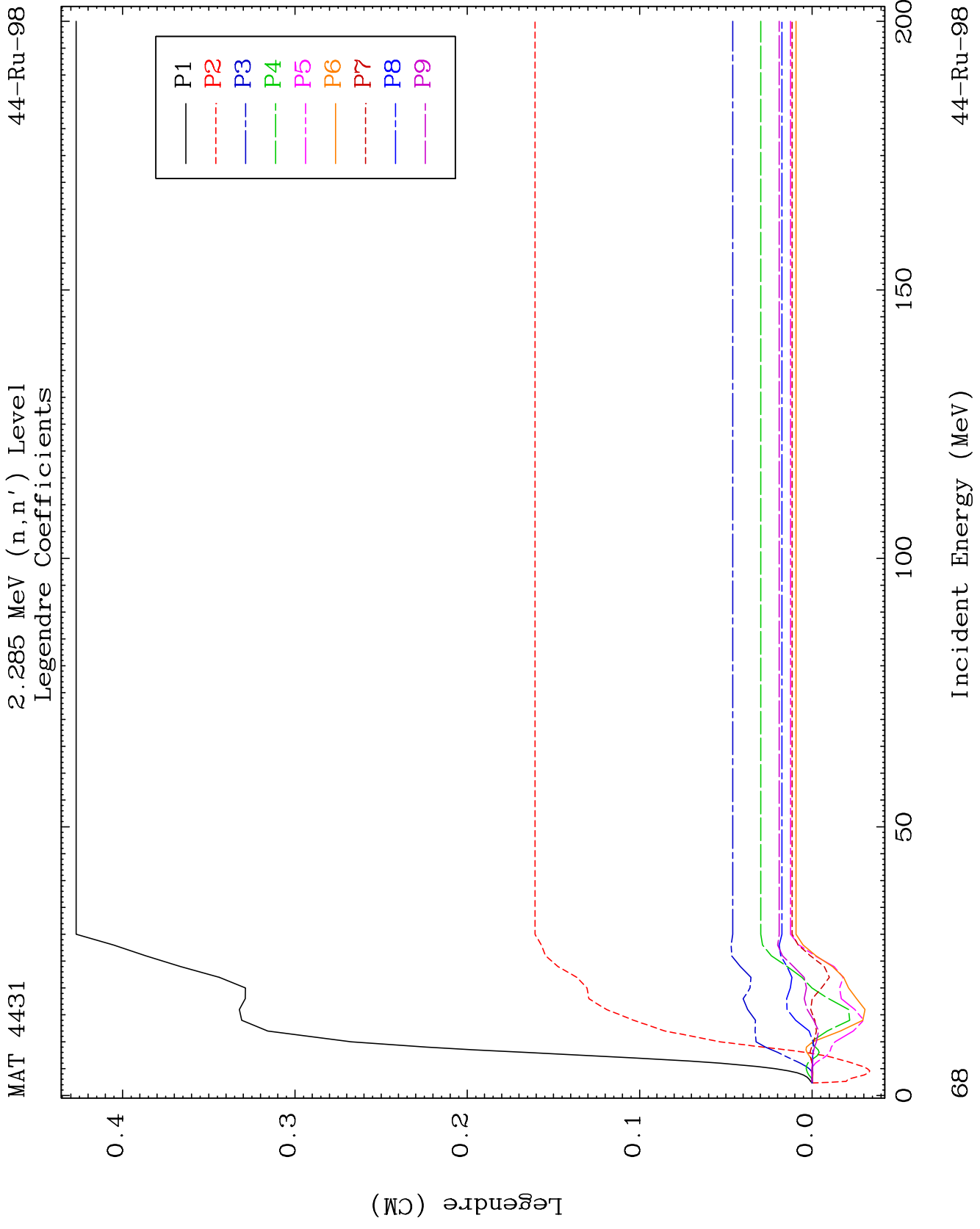
MAT 4431

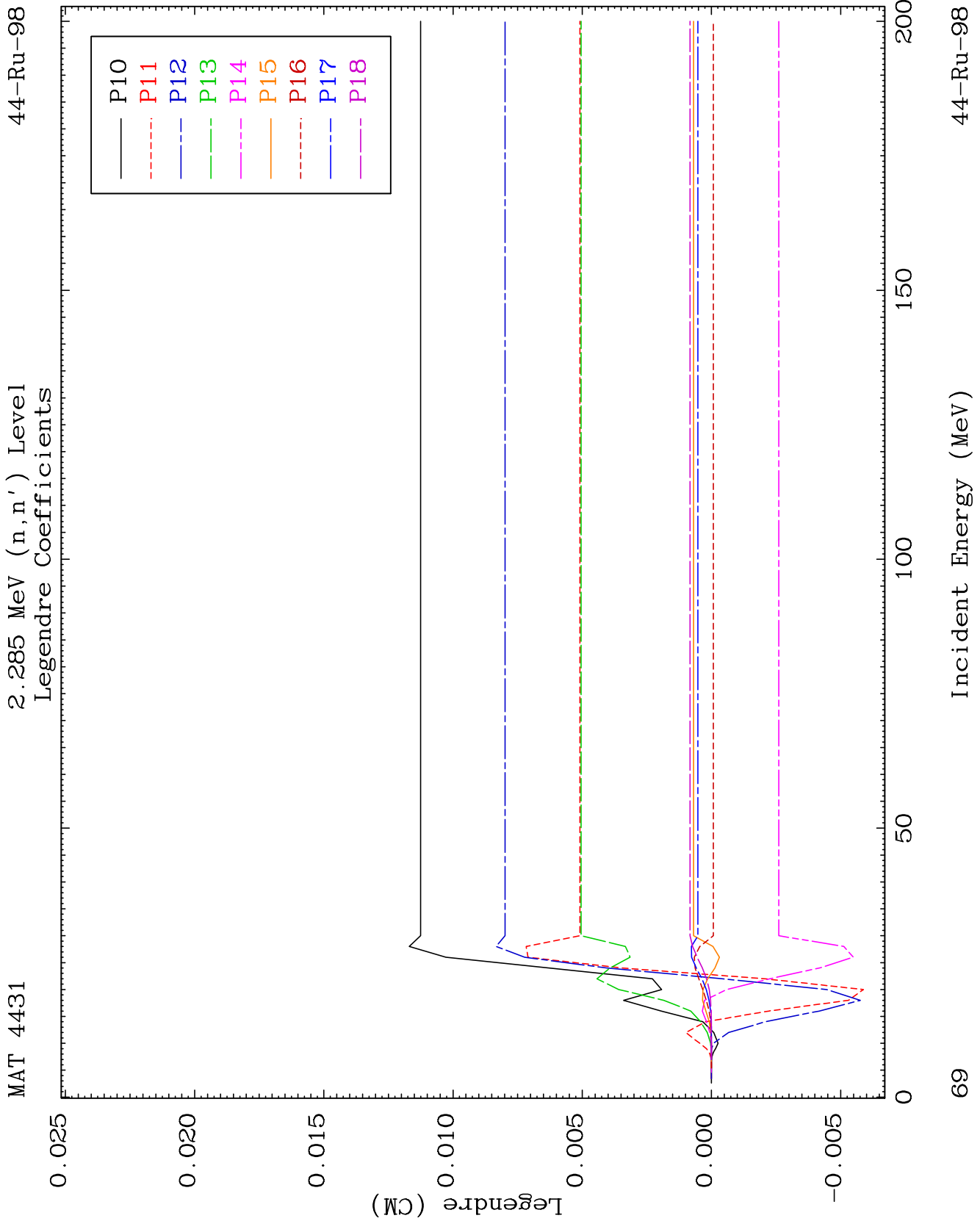
2.277 MeV (n, n') Level  
Legendre Coefficients

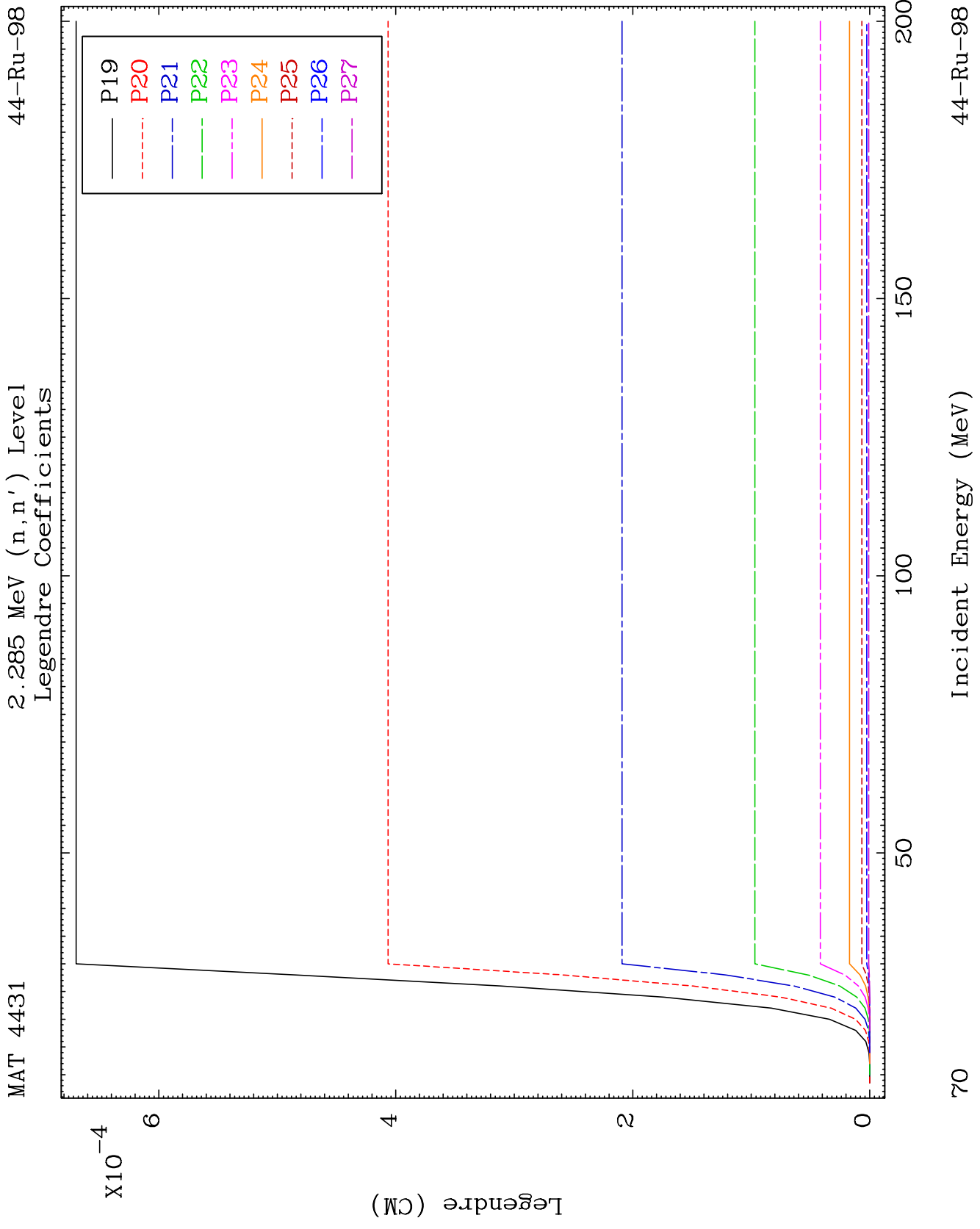
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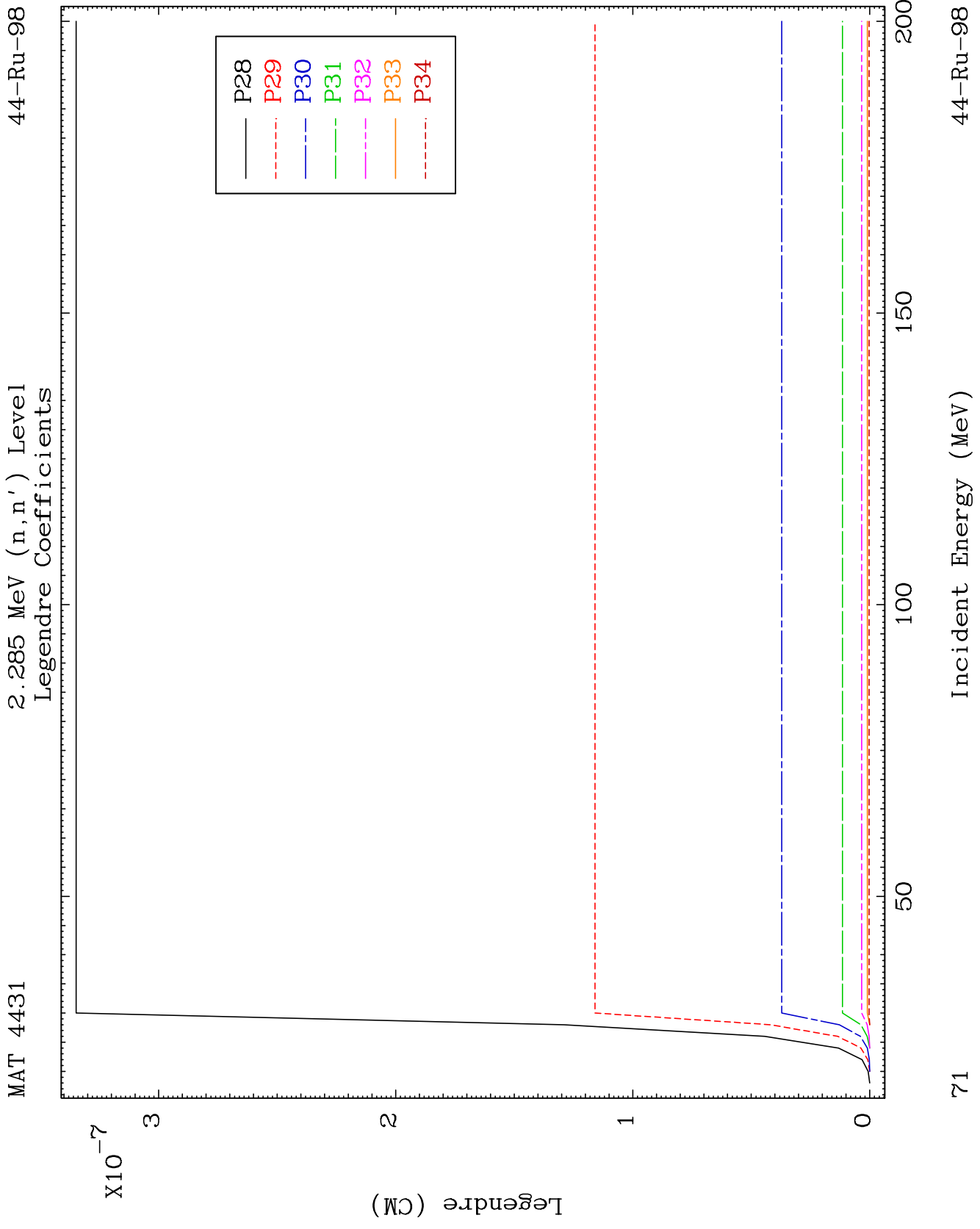




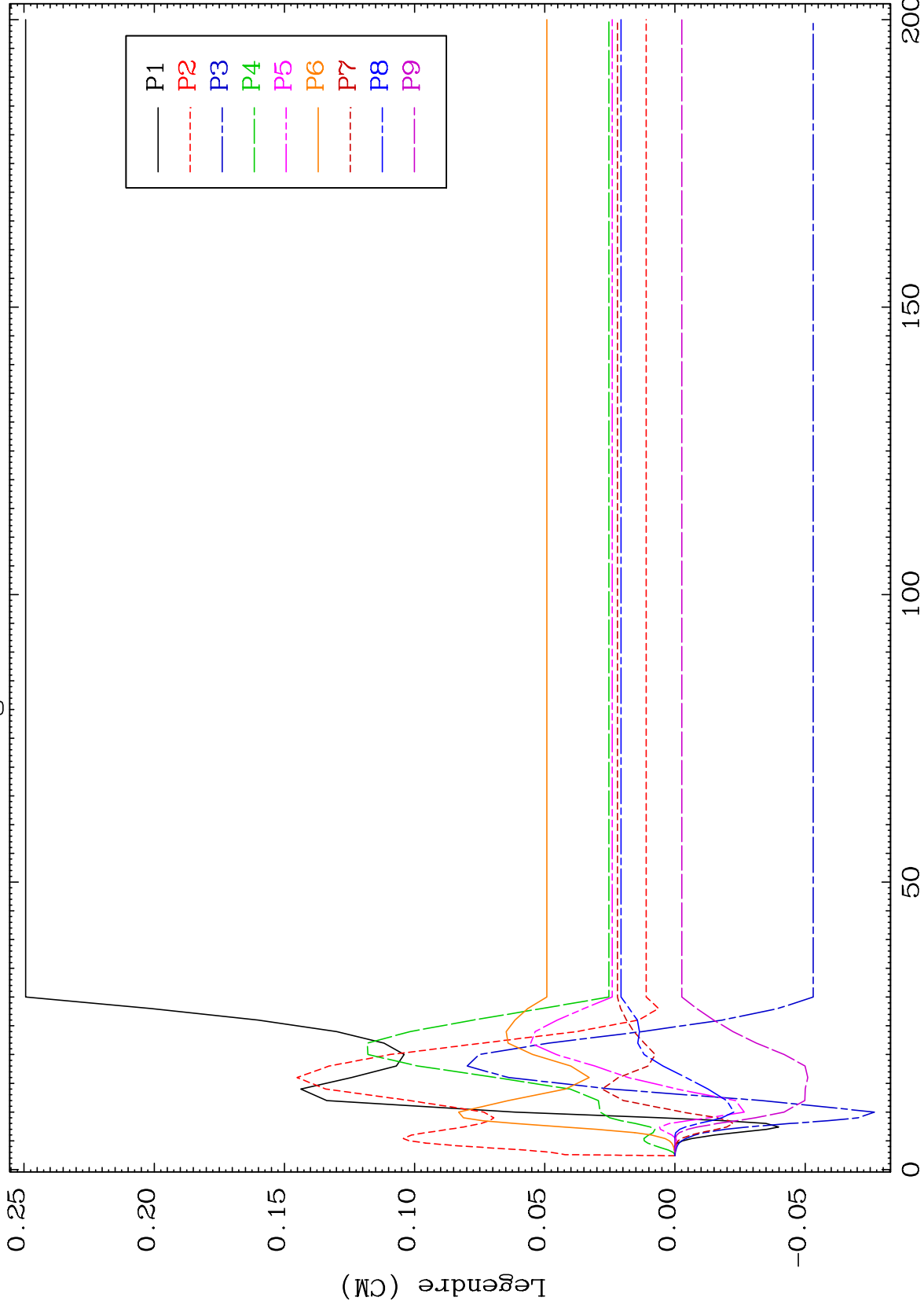








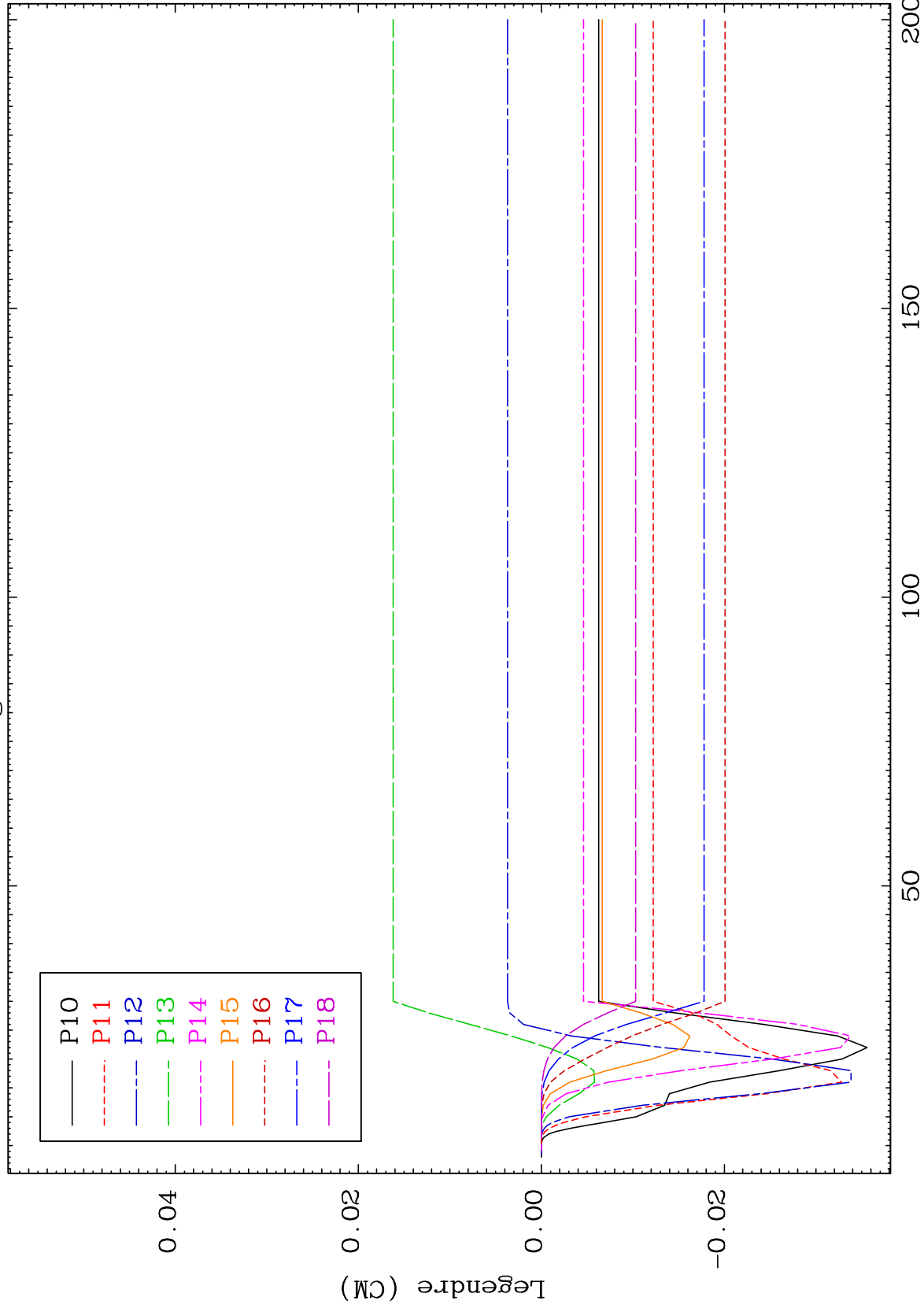




MAT 4431

2.365 MeV (n,n') Level  
Legendre Coefficients

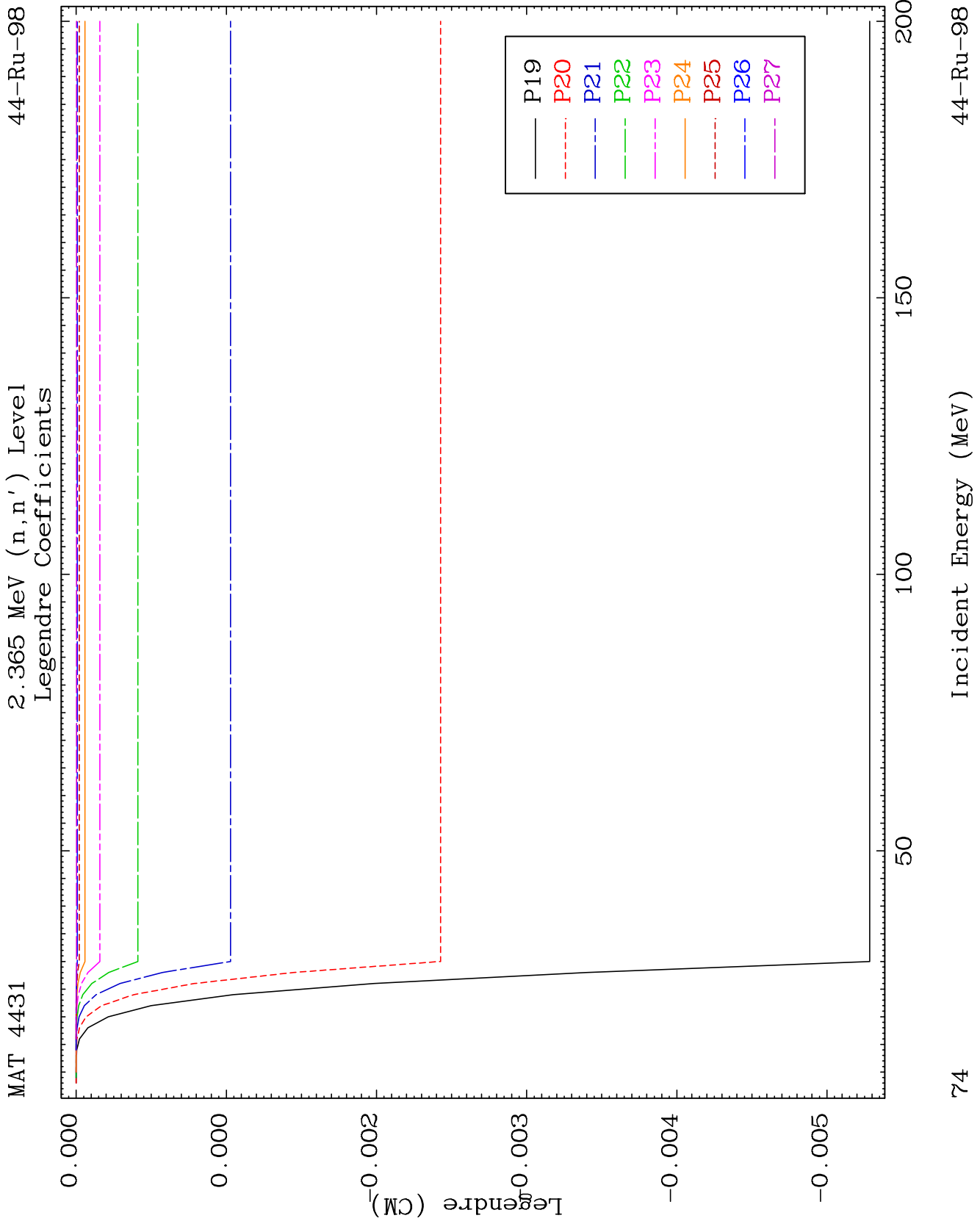
44-Ru-98

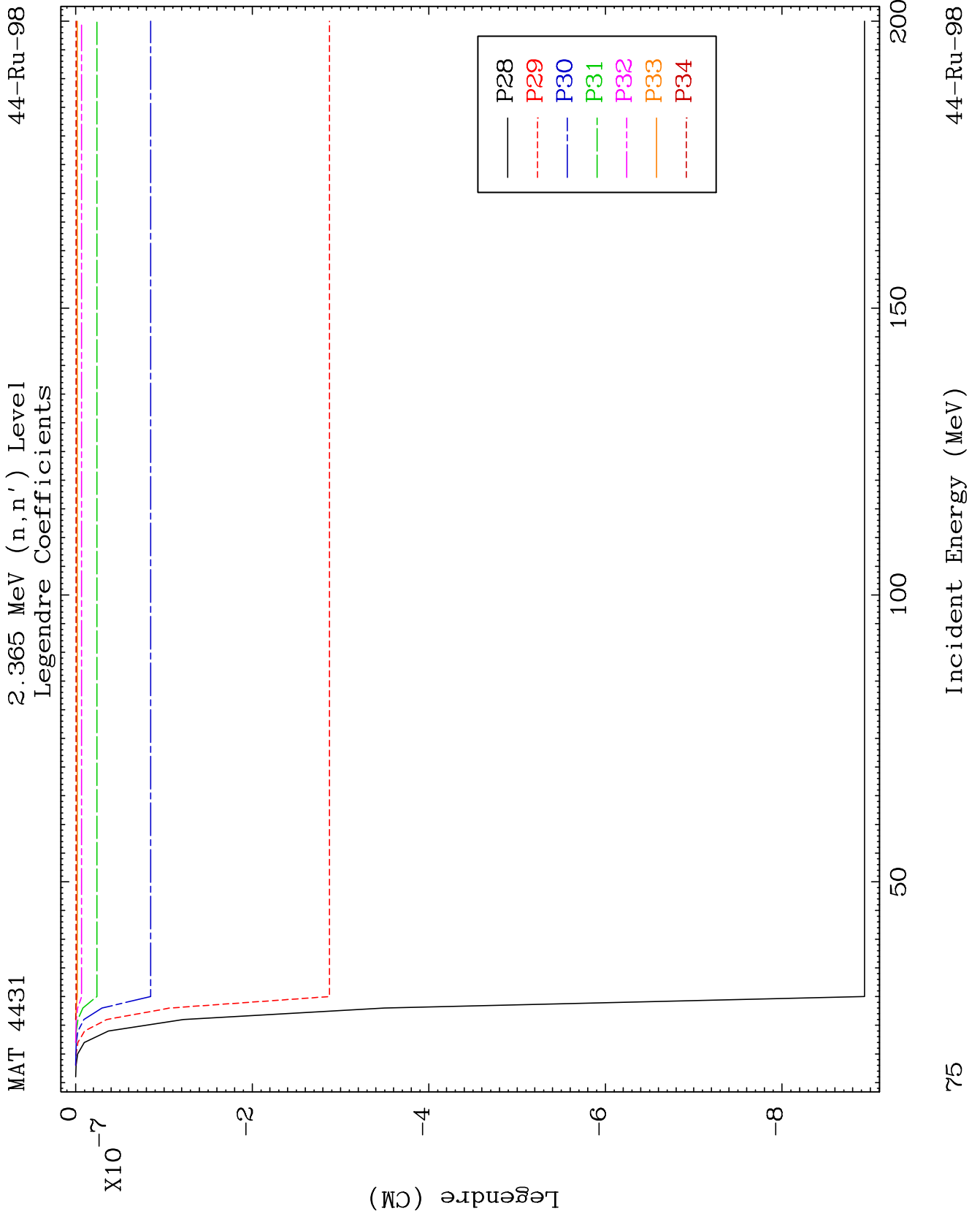


73

Incident Energy (MeV)

44-Ru-98

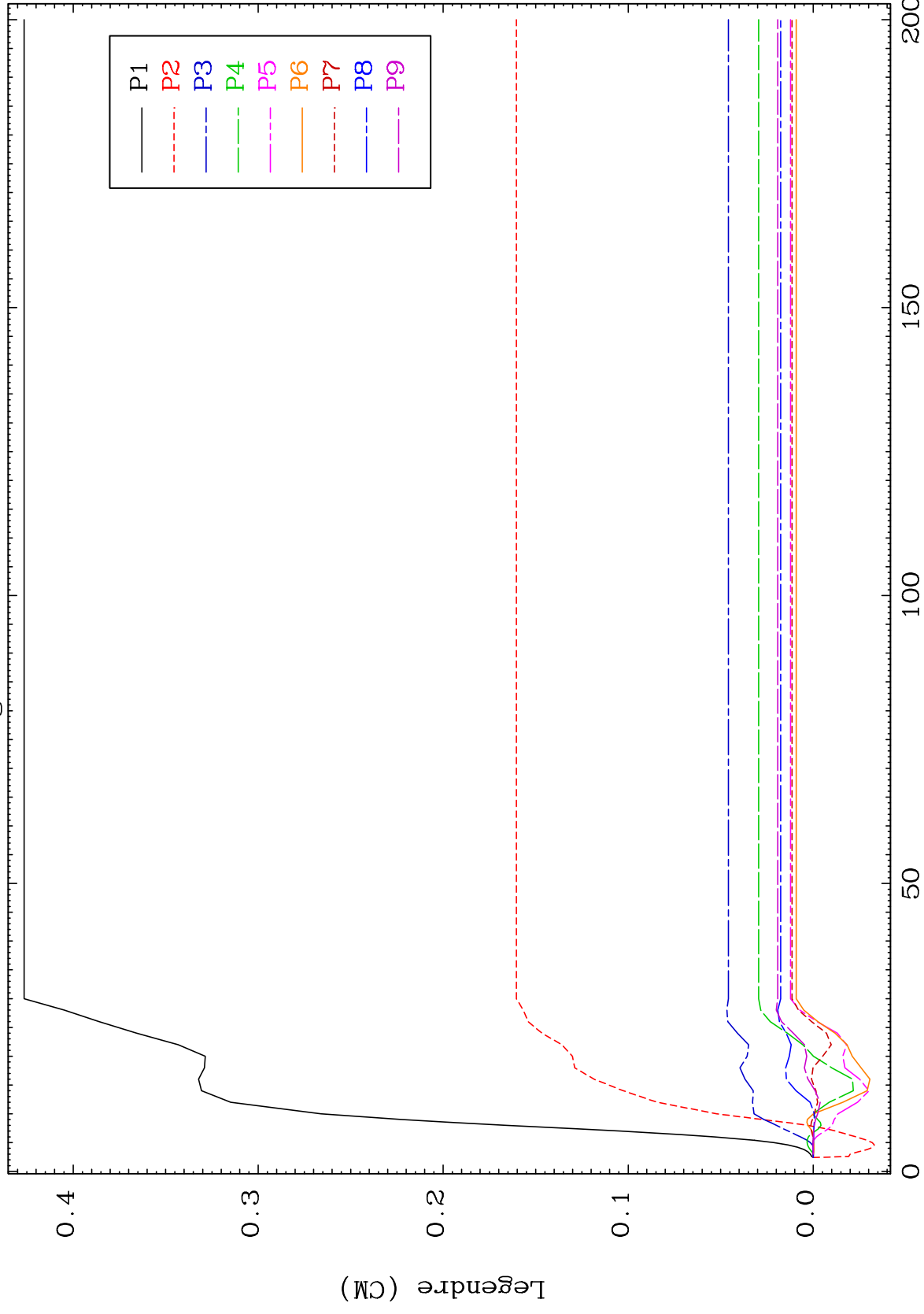




MAT 4431

2.374 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



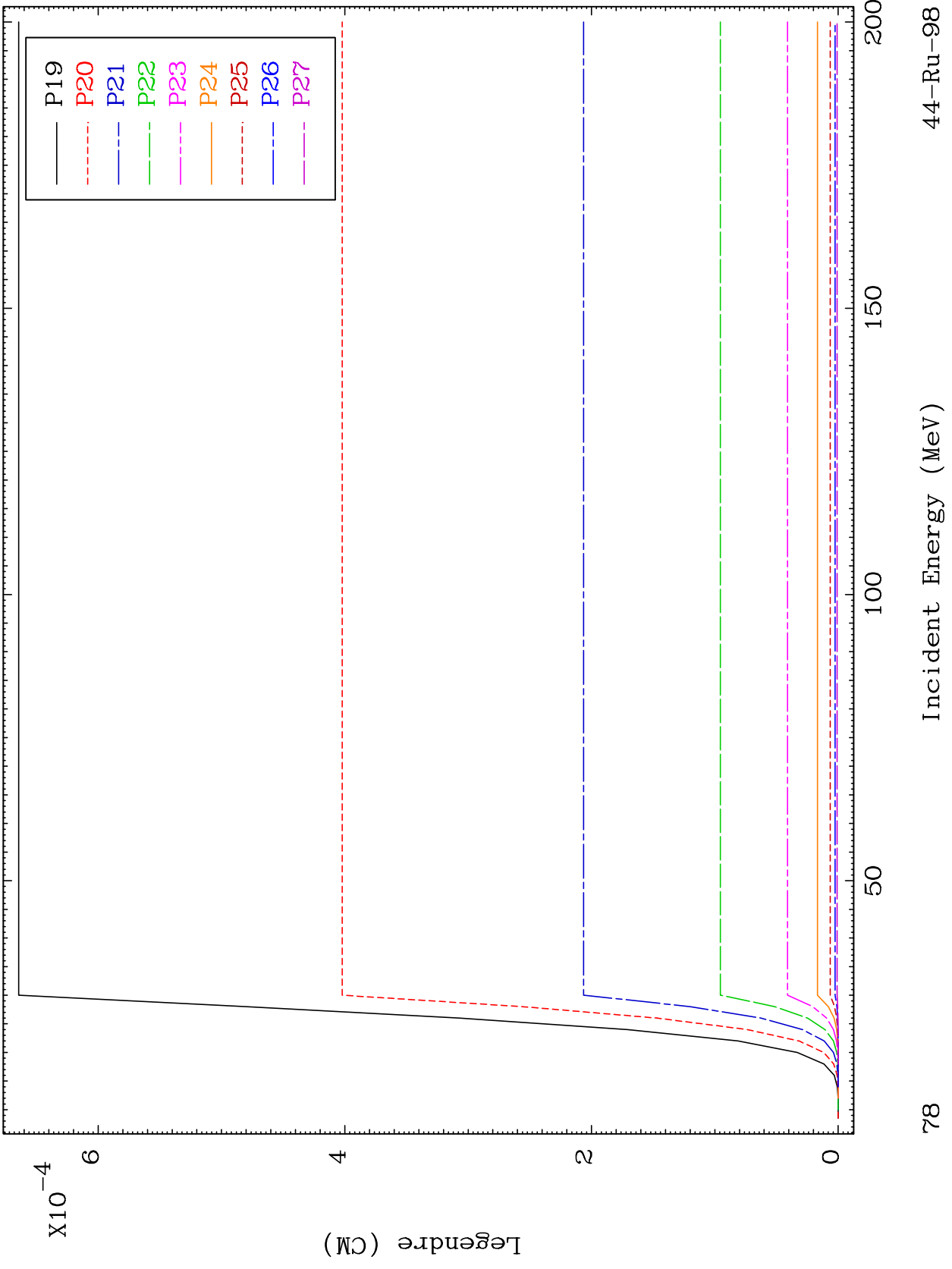
76

Incident Energy (MeV)

44-Ru-98



MAT 4431 2.374 MeV (n,n') Level 44-Ru-98

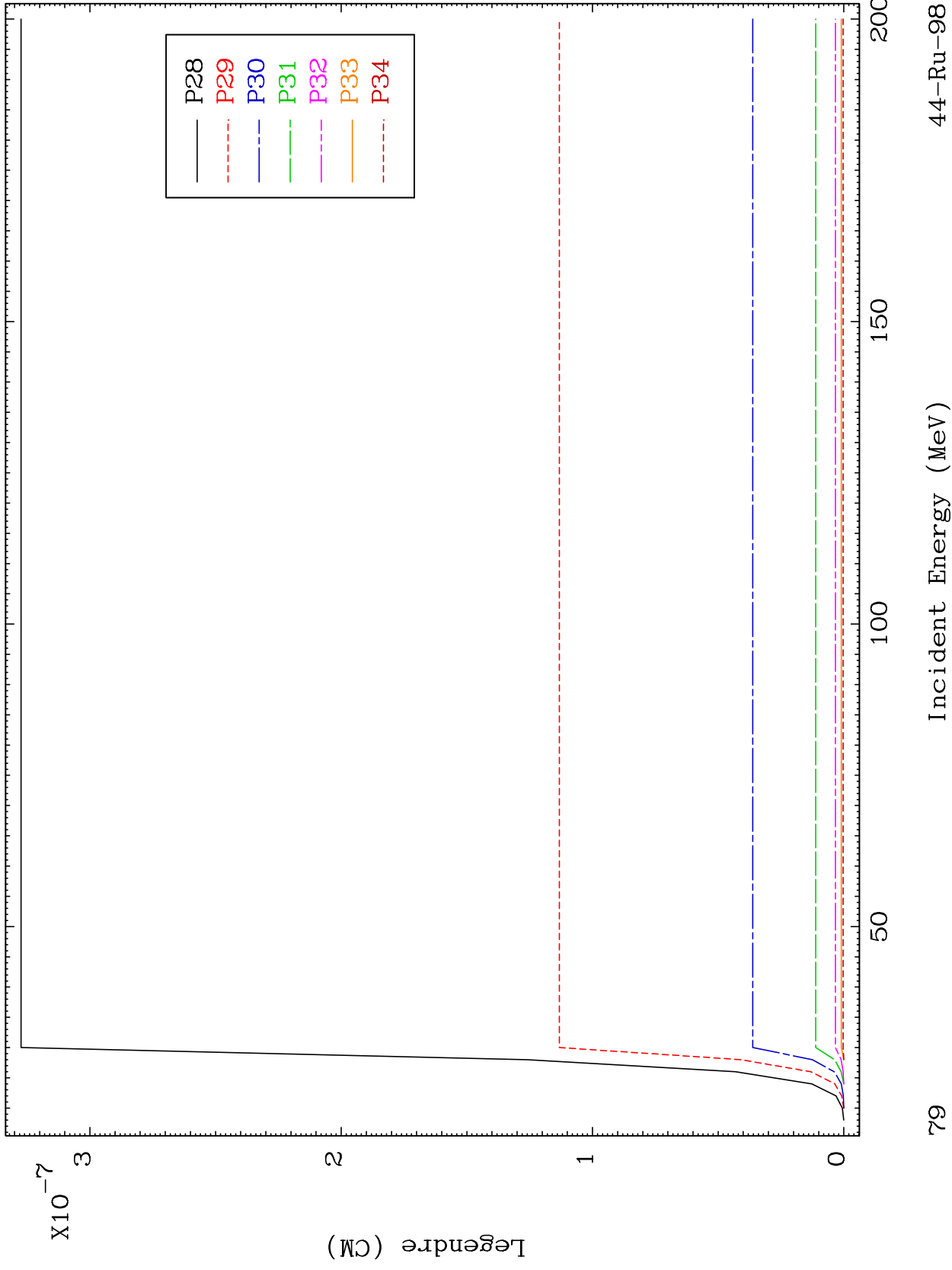


78 44-Ru-98

MAT 4431

2.374 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



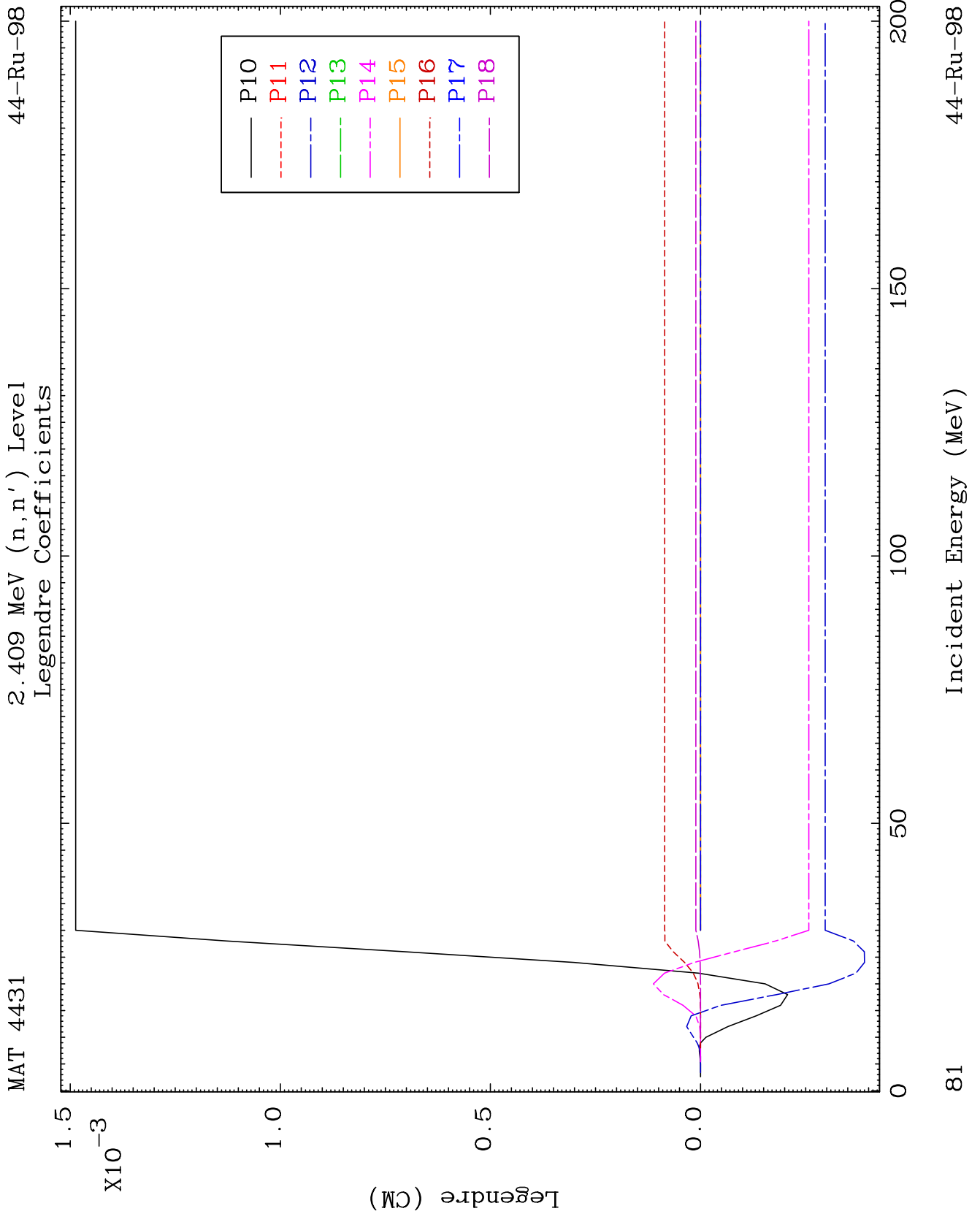
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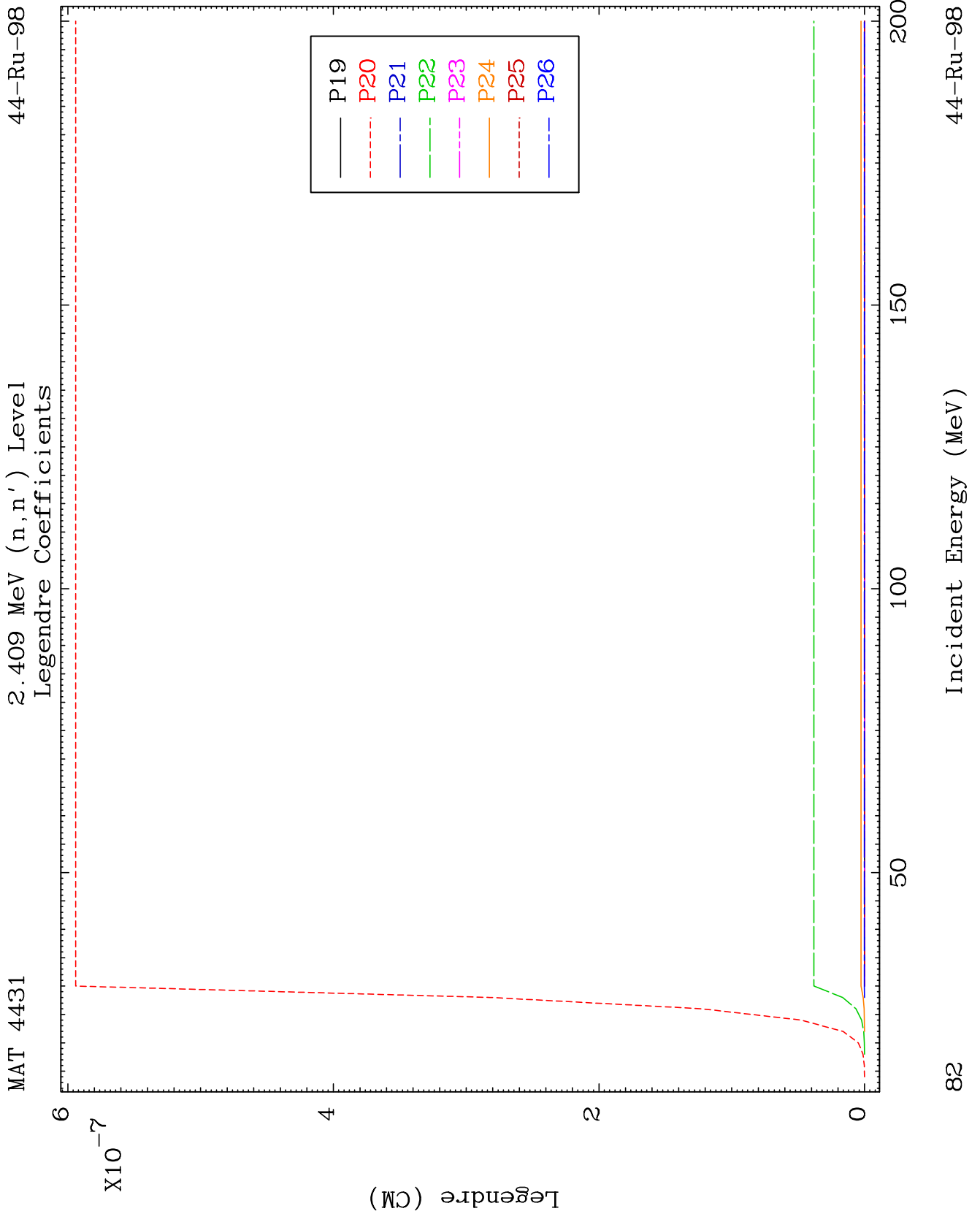
Incident Energy (MeV)

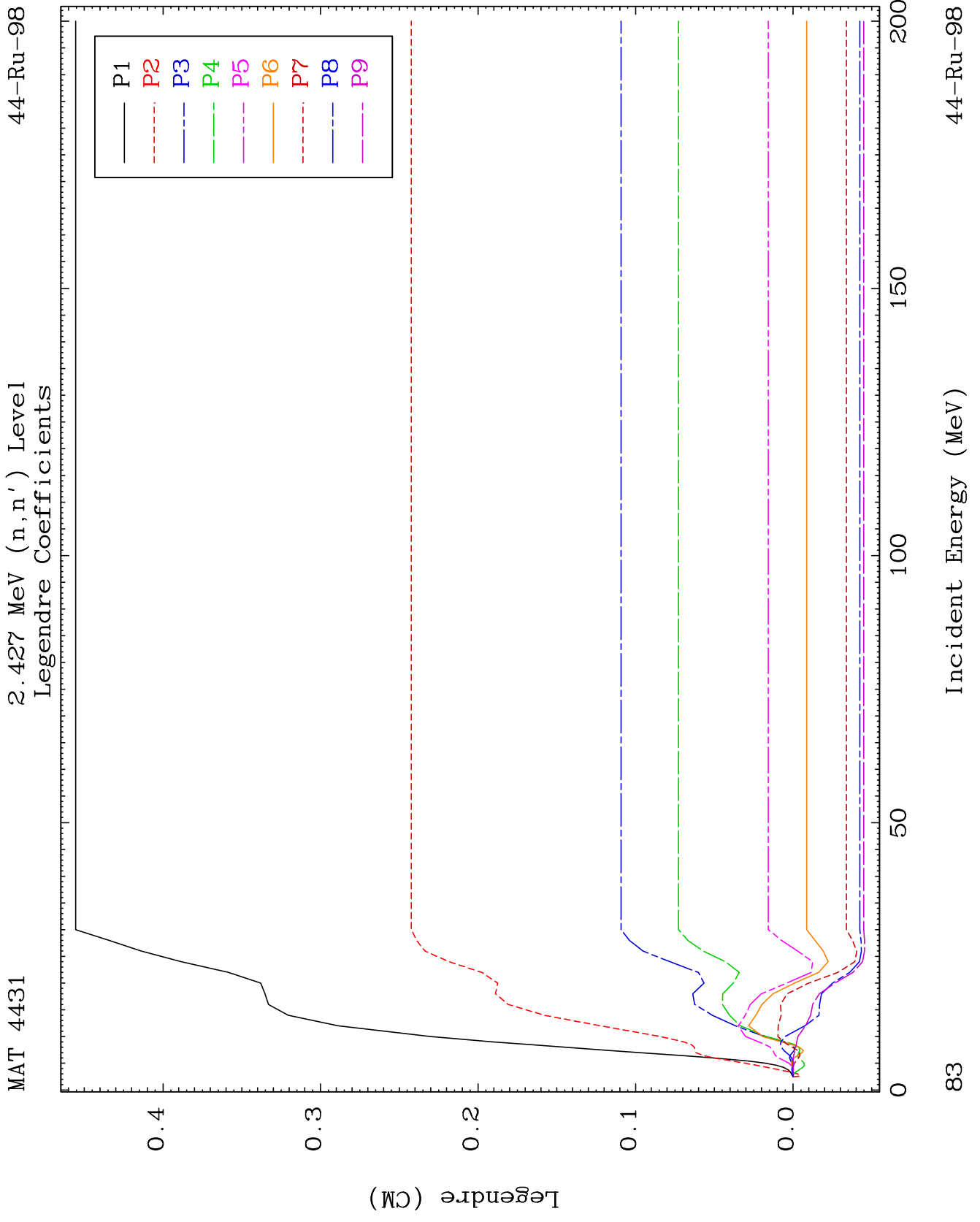
44-Ru-98







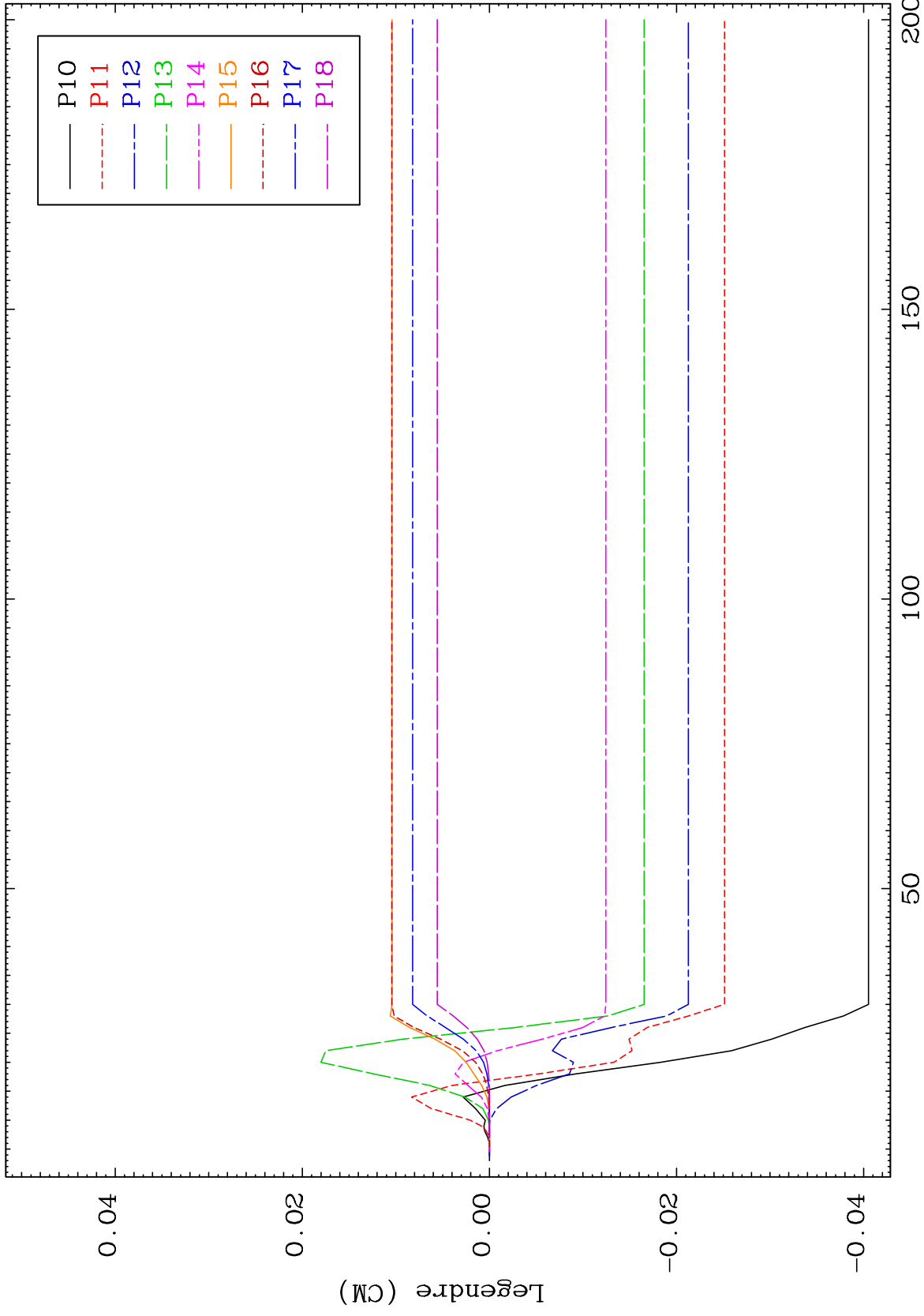




MAT 4431

2.427 MeV (n,n') Level  
Legendre Coefficients

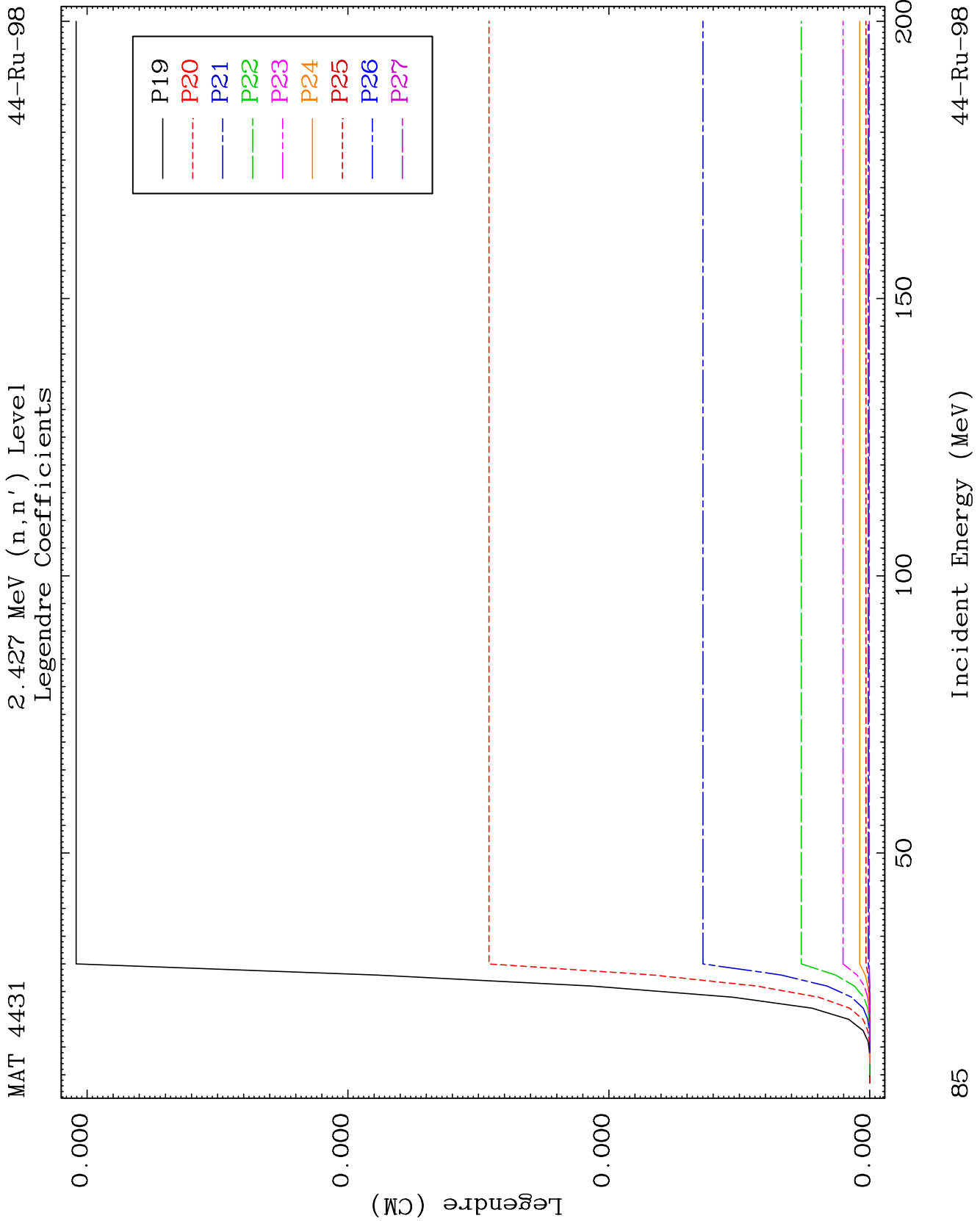
44-Ru-98



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Incident Energy (MeV)

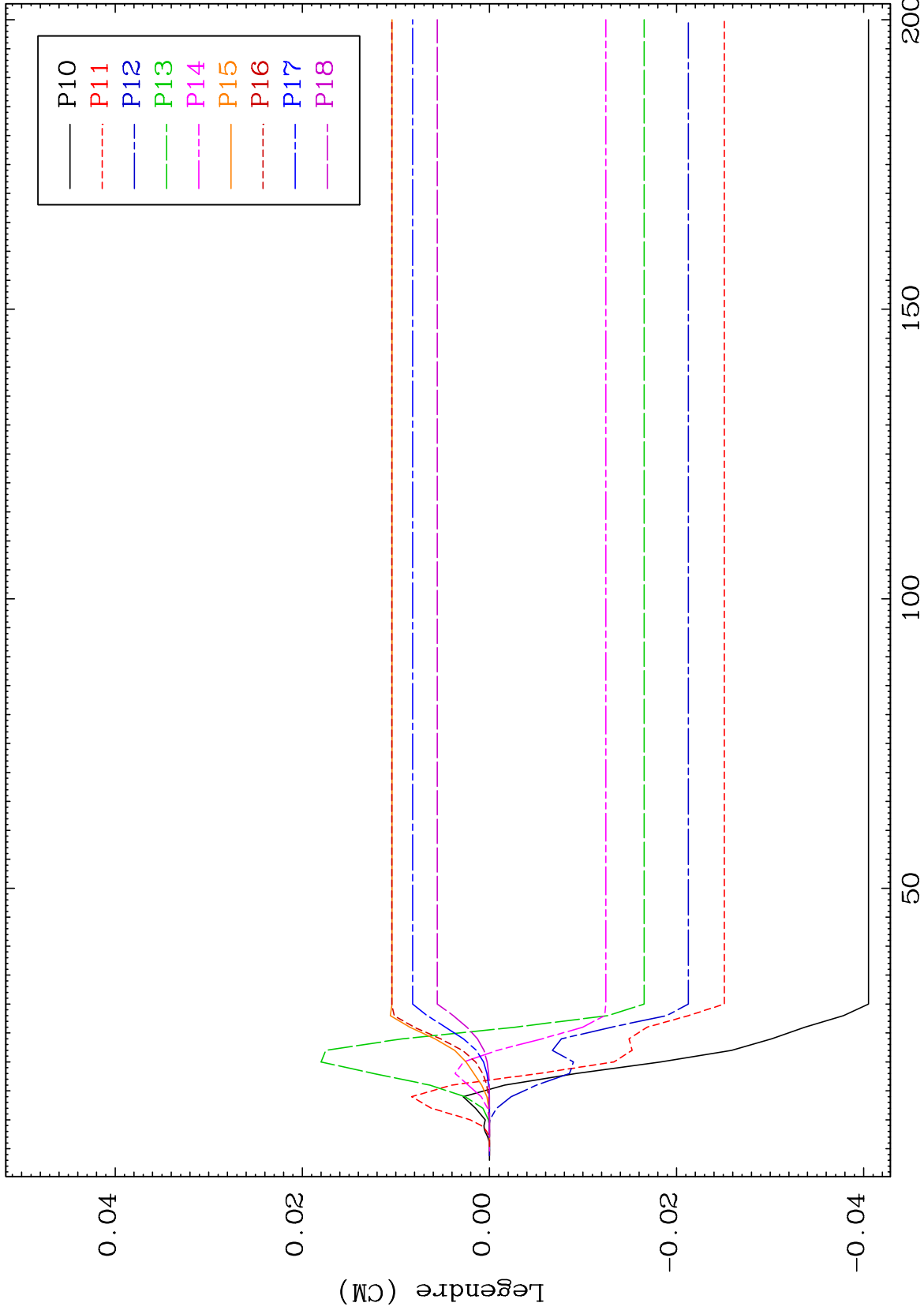
44-Ru-98

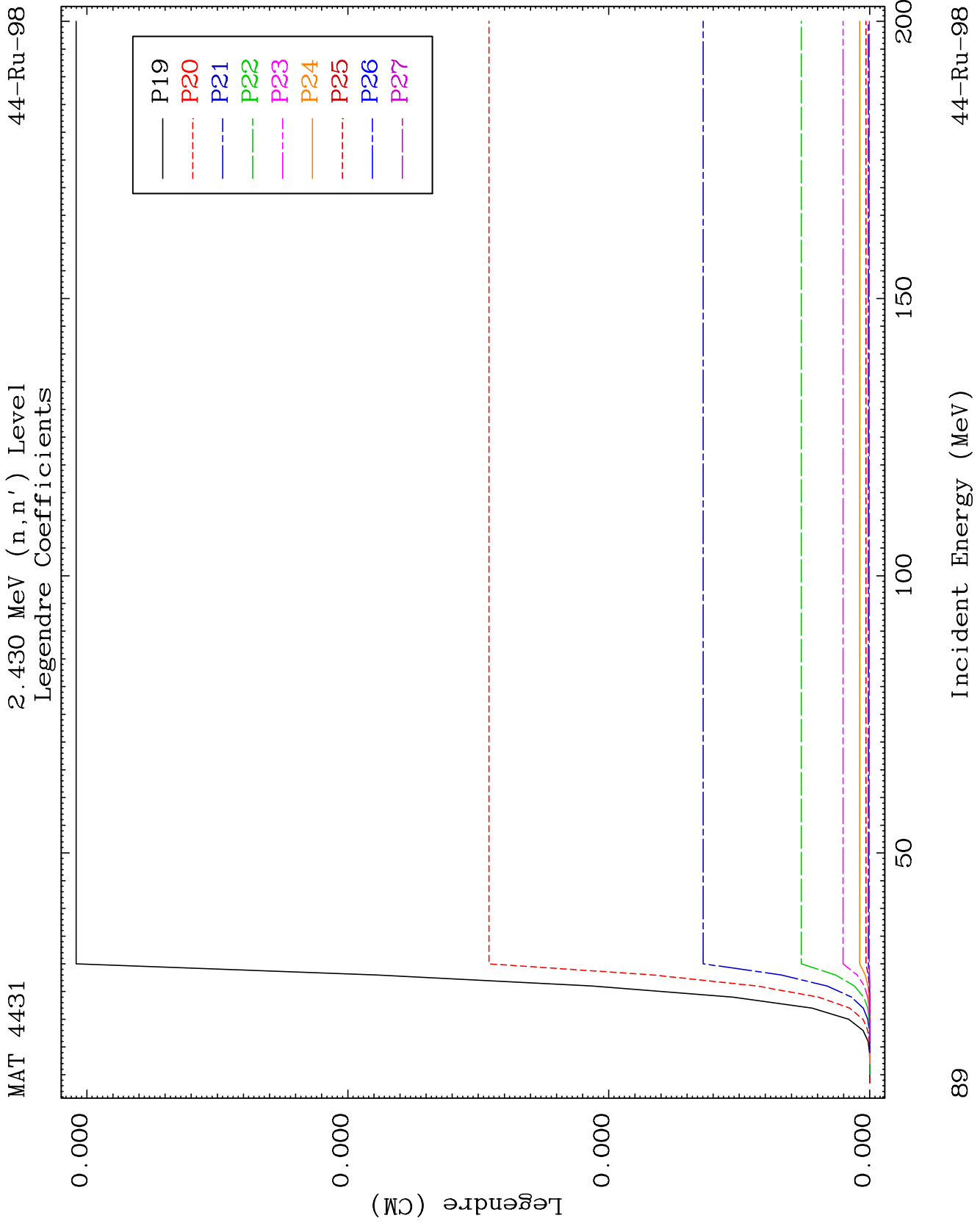


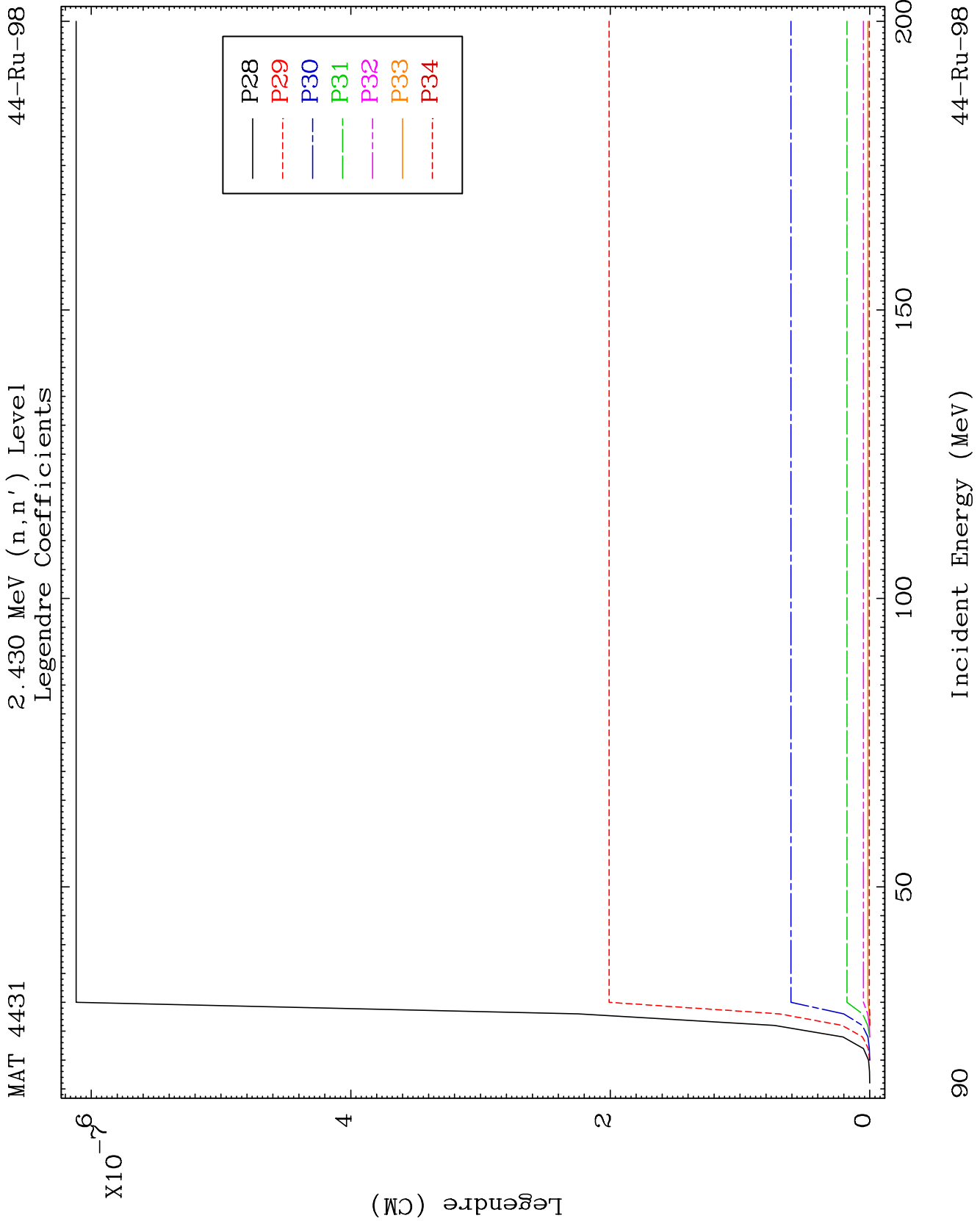








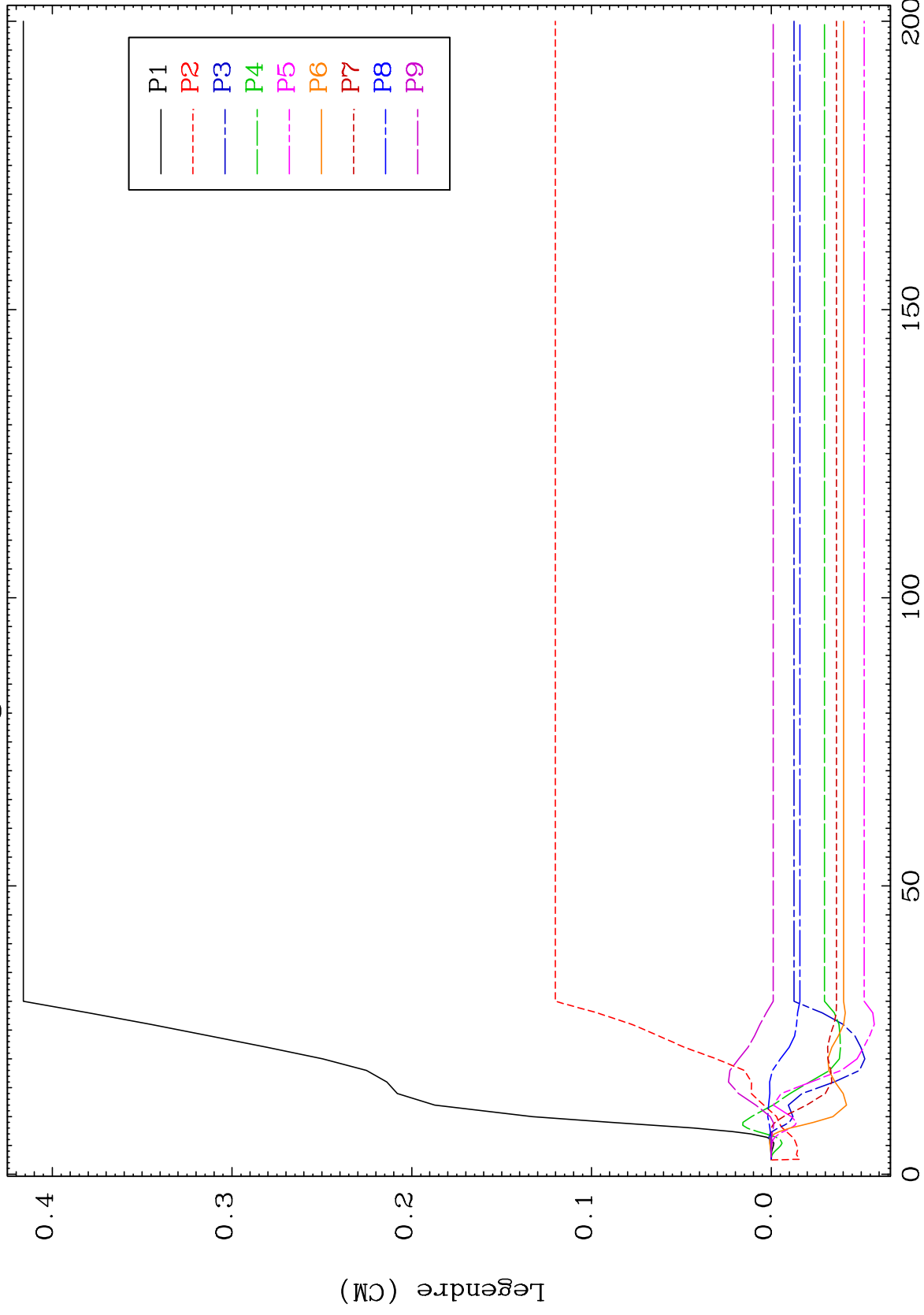




MAT 4431

2.435 MeV (n, n') Level  
Legendre Coefficients

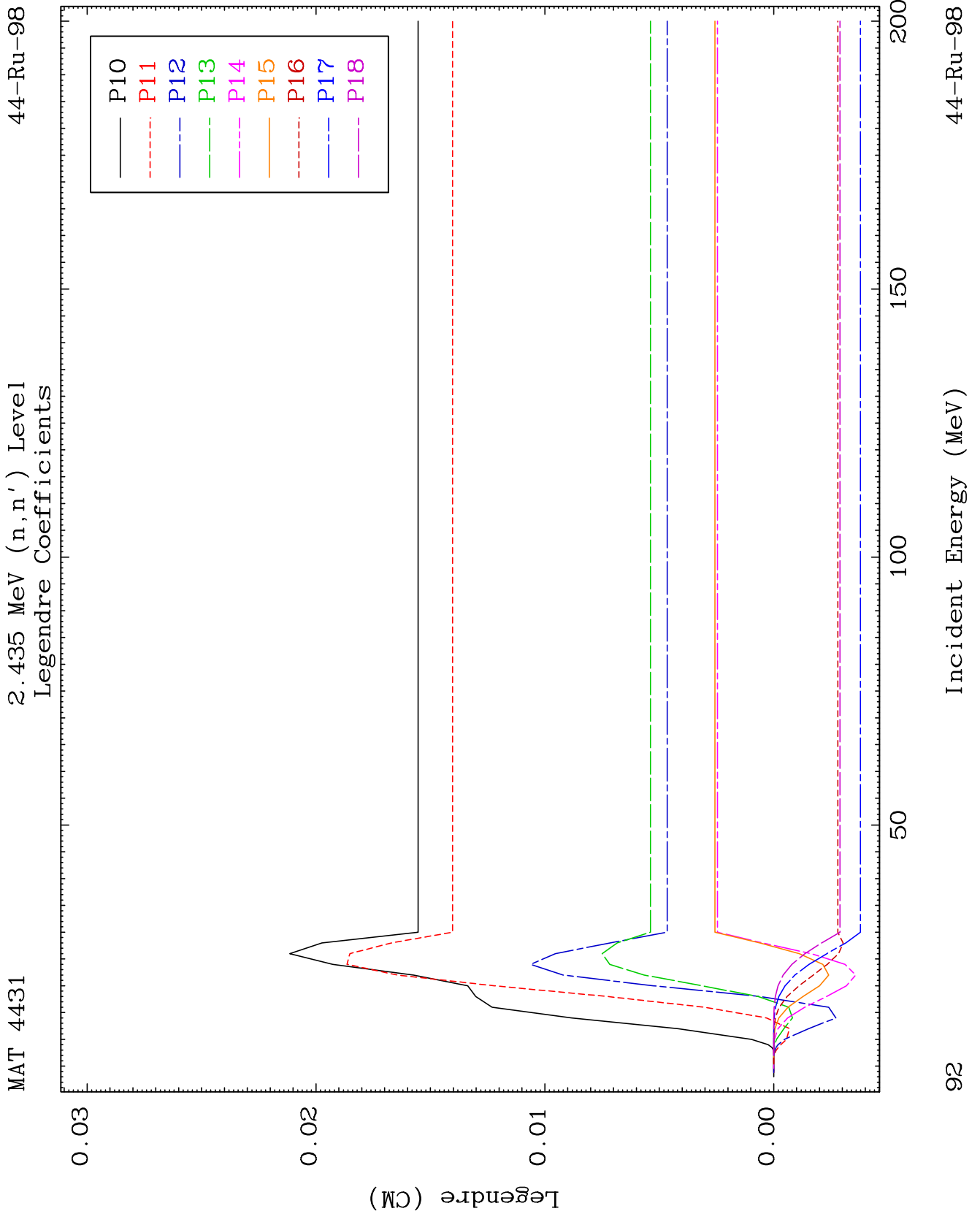
44-Ru-98

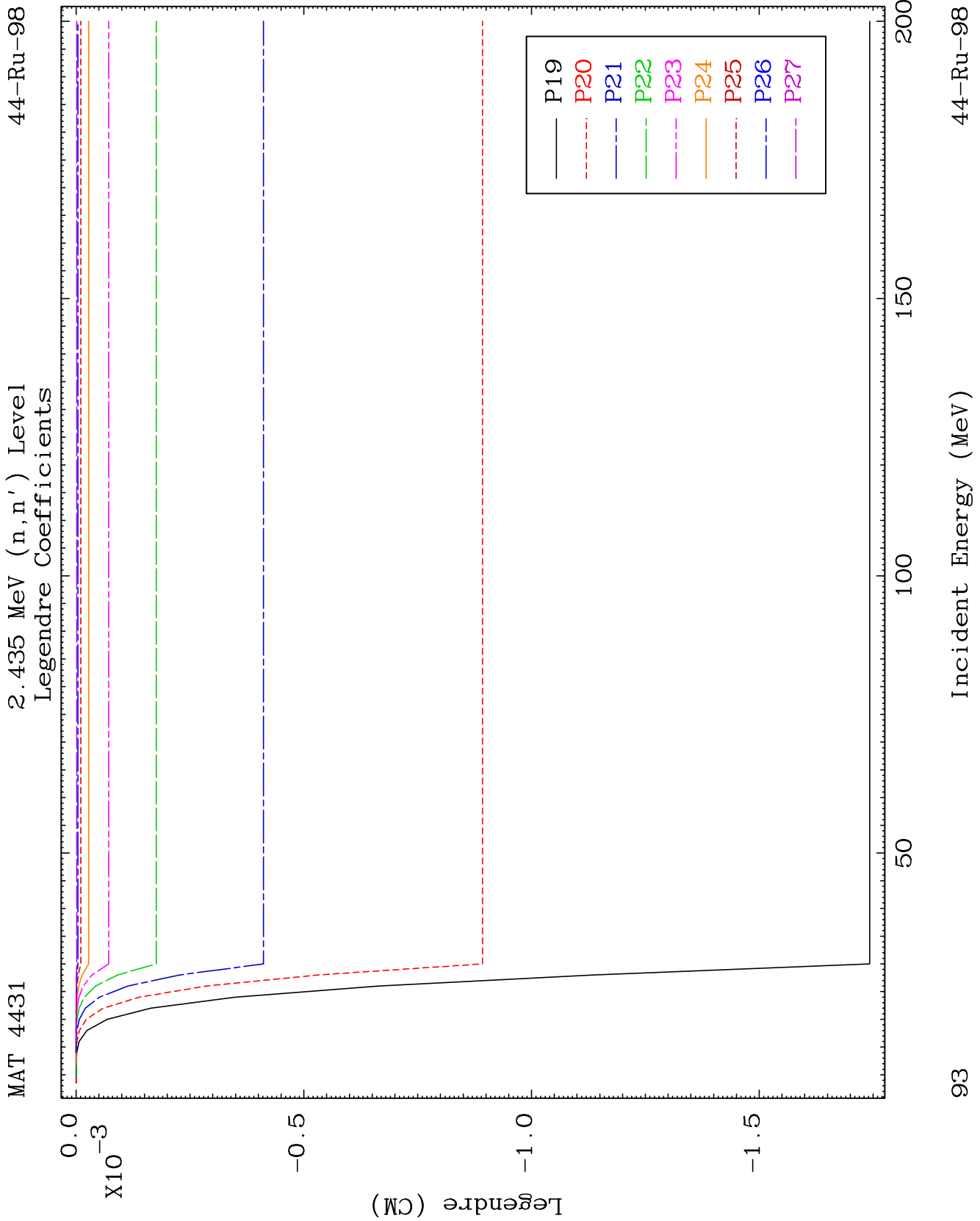


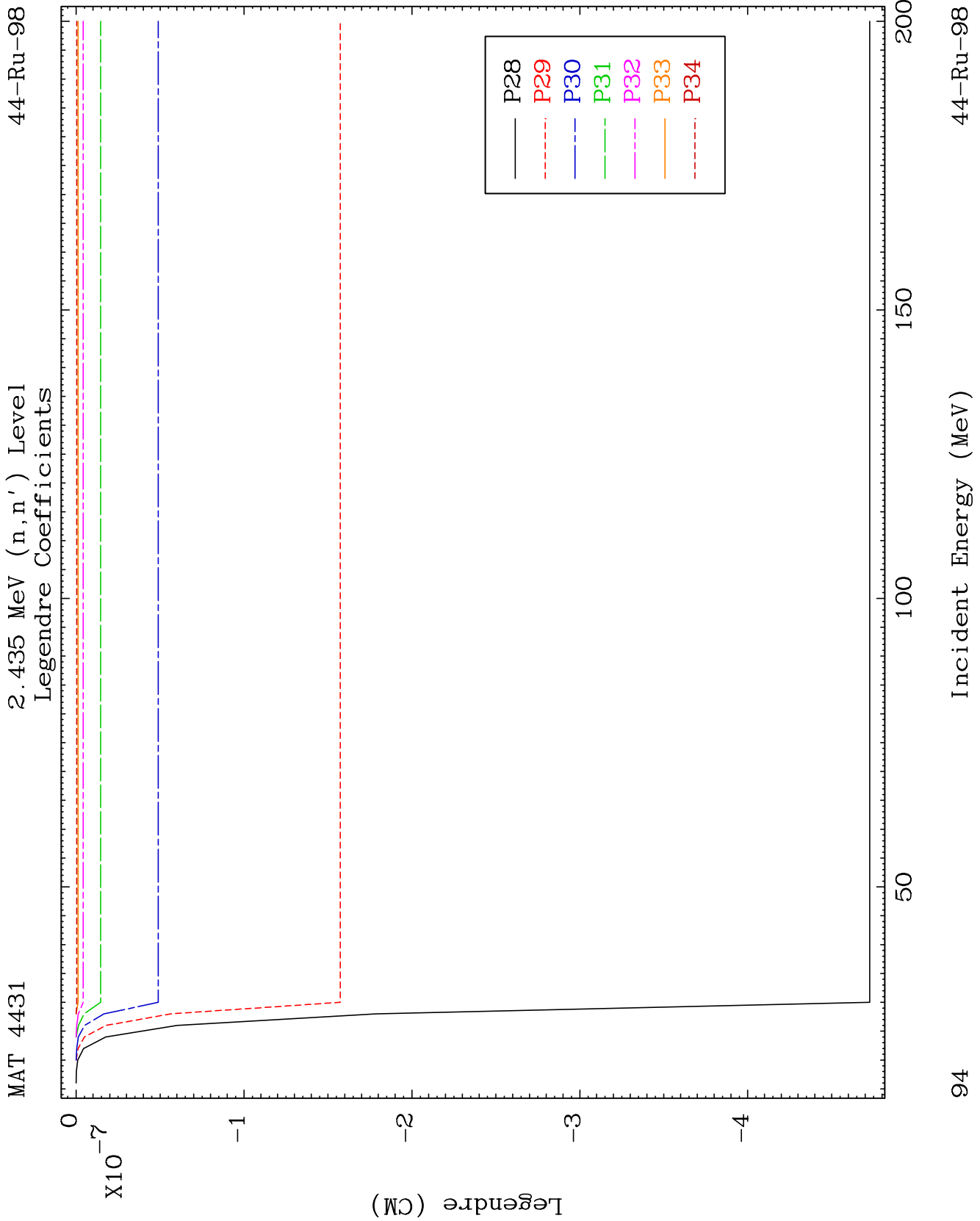
91

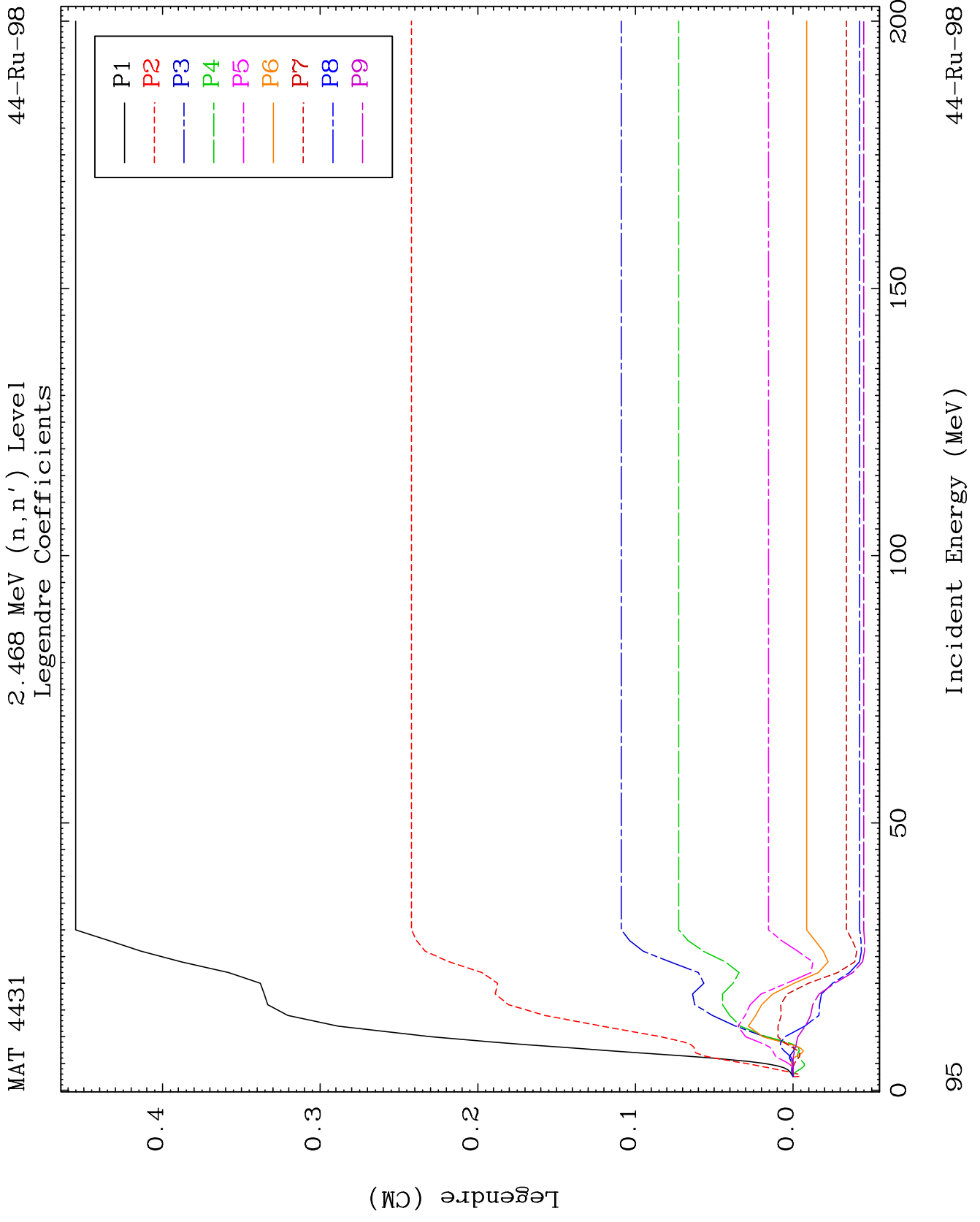
Incident Energy (MeV)

44-Ru-98

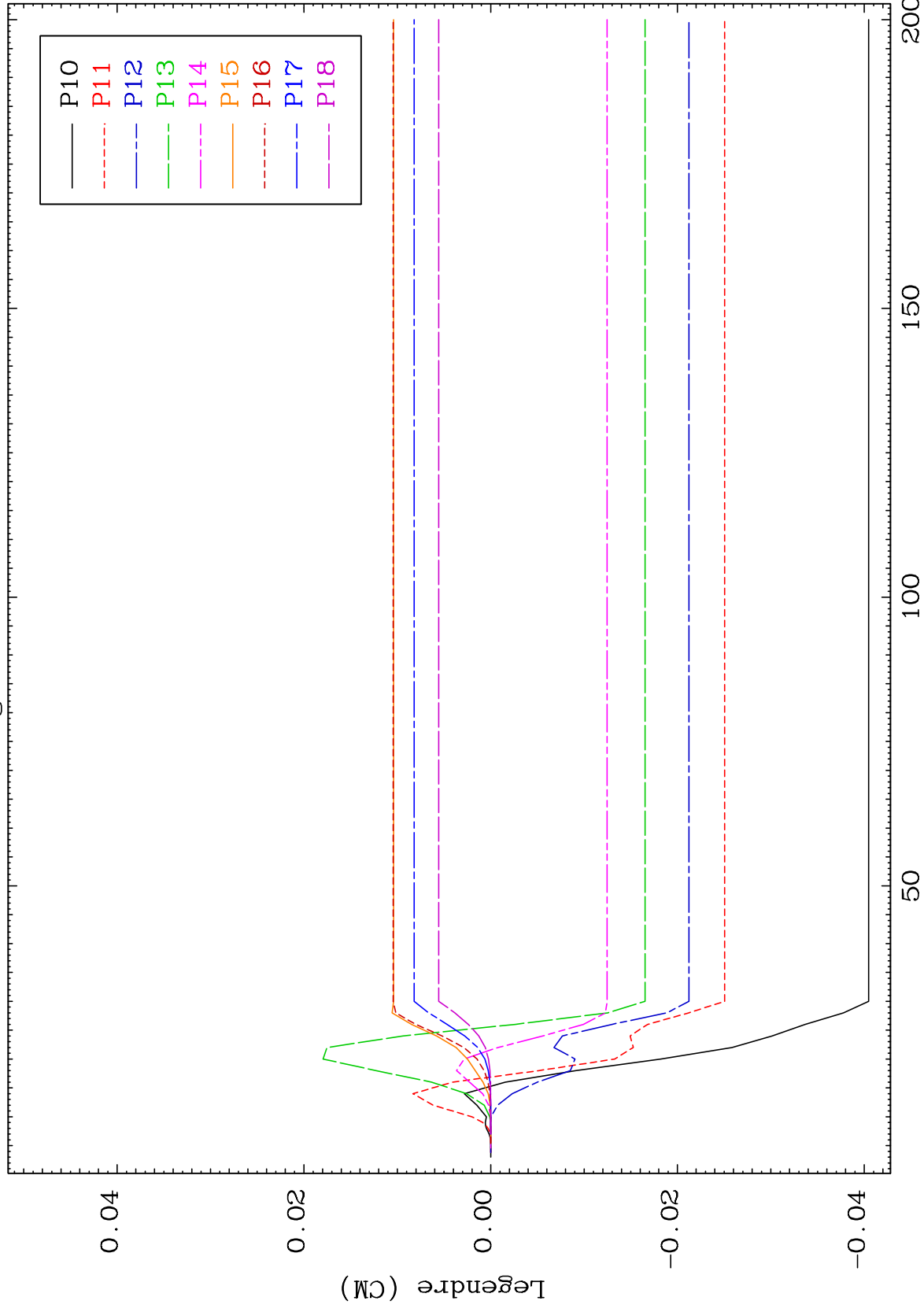




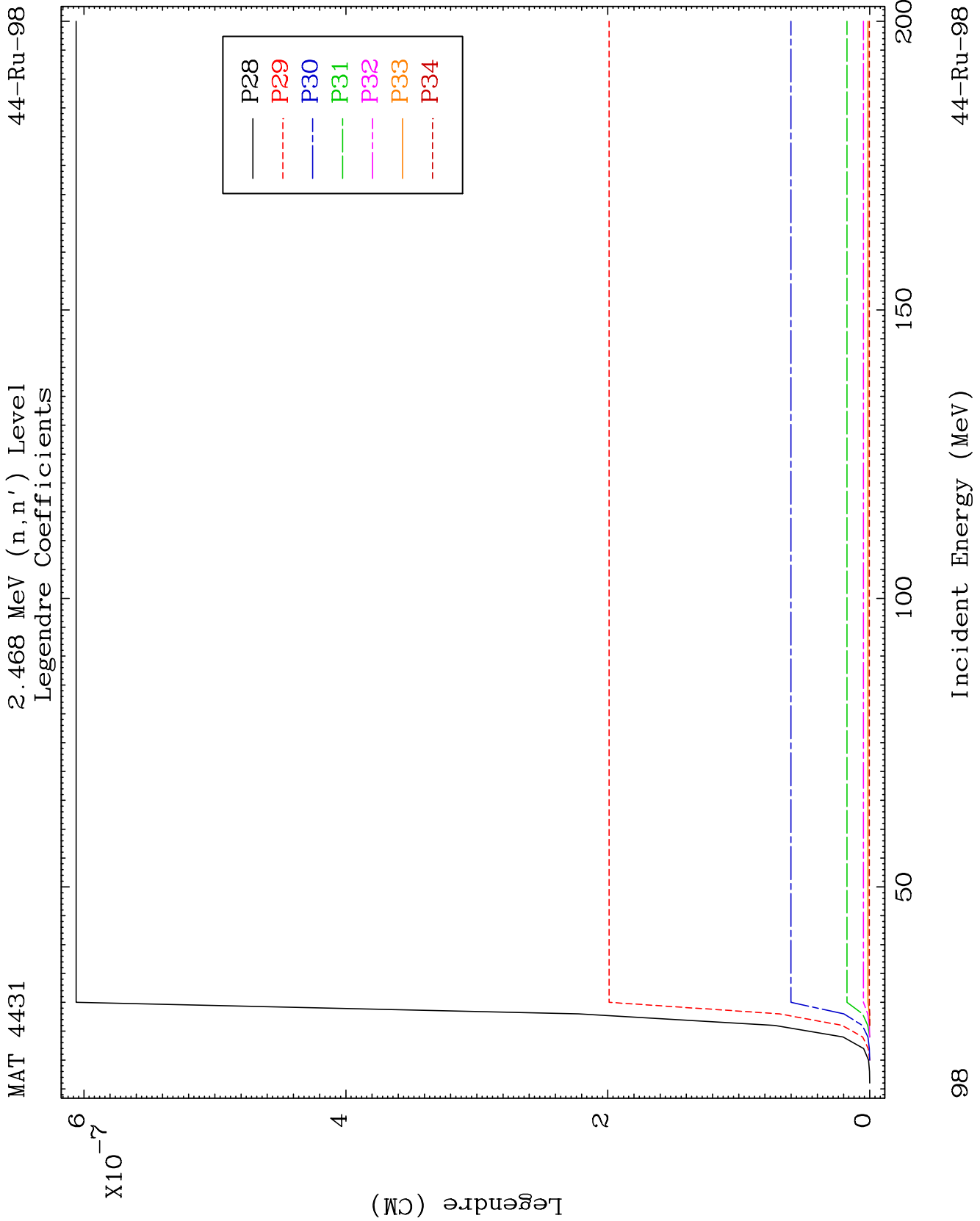






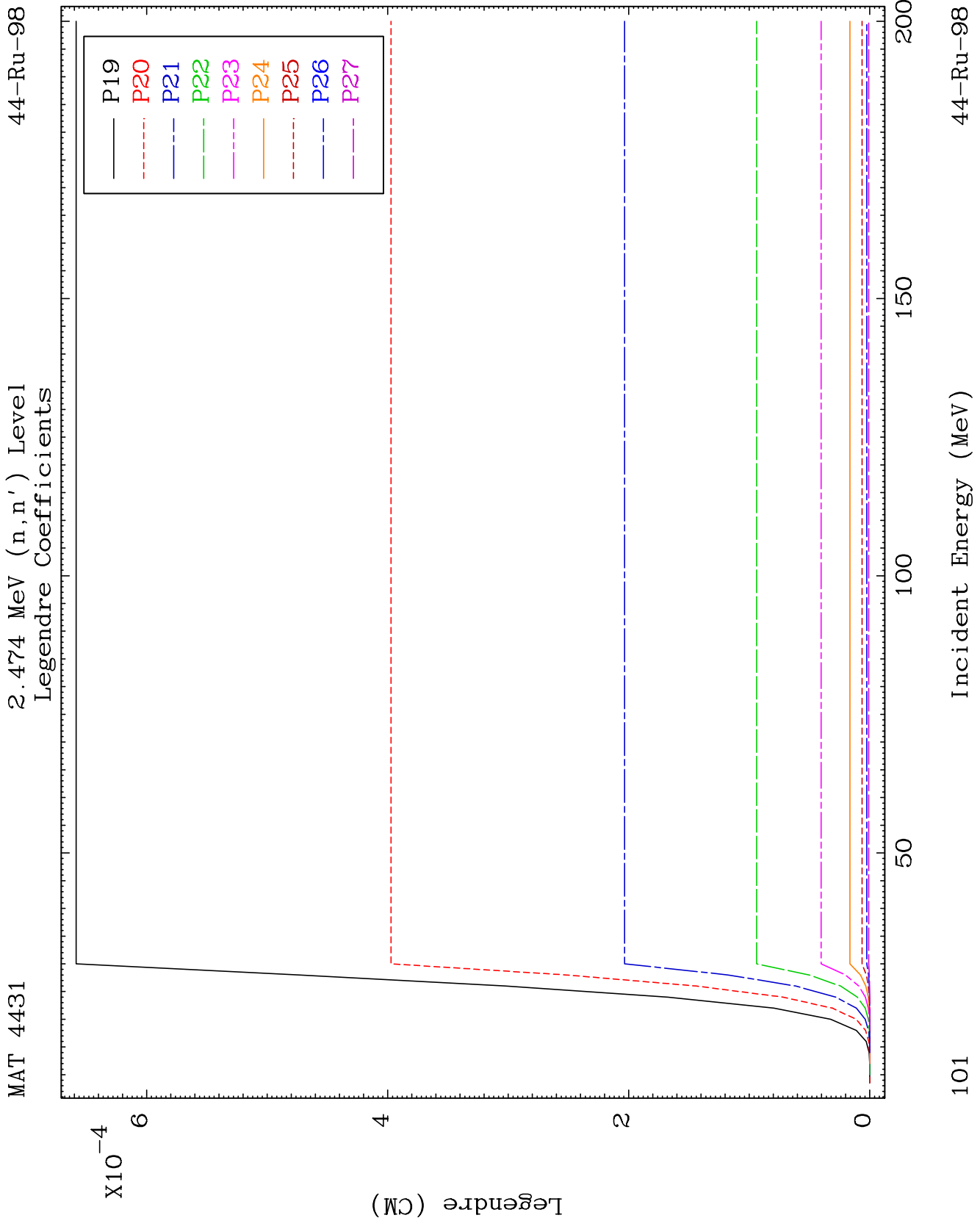


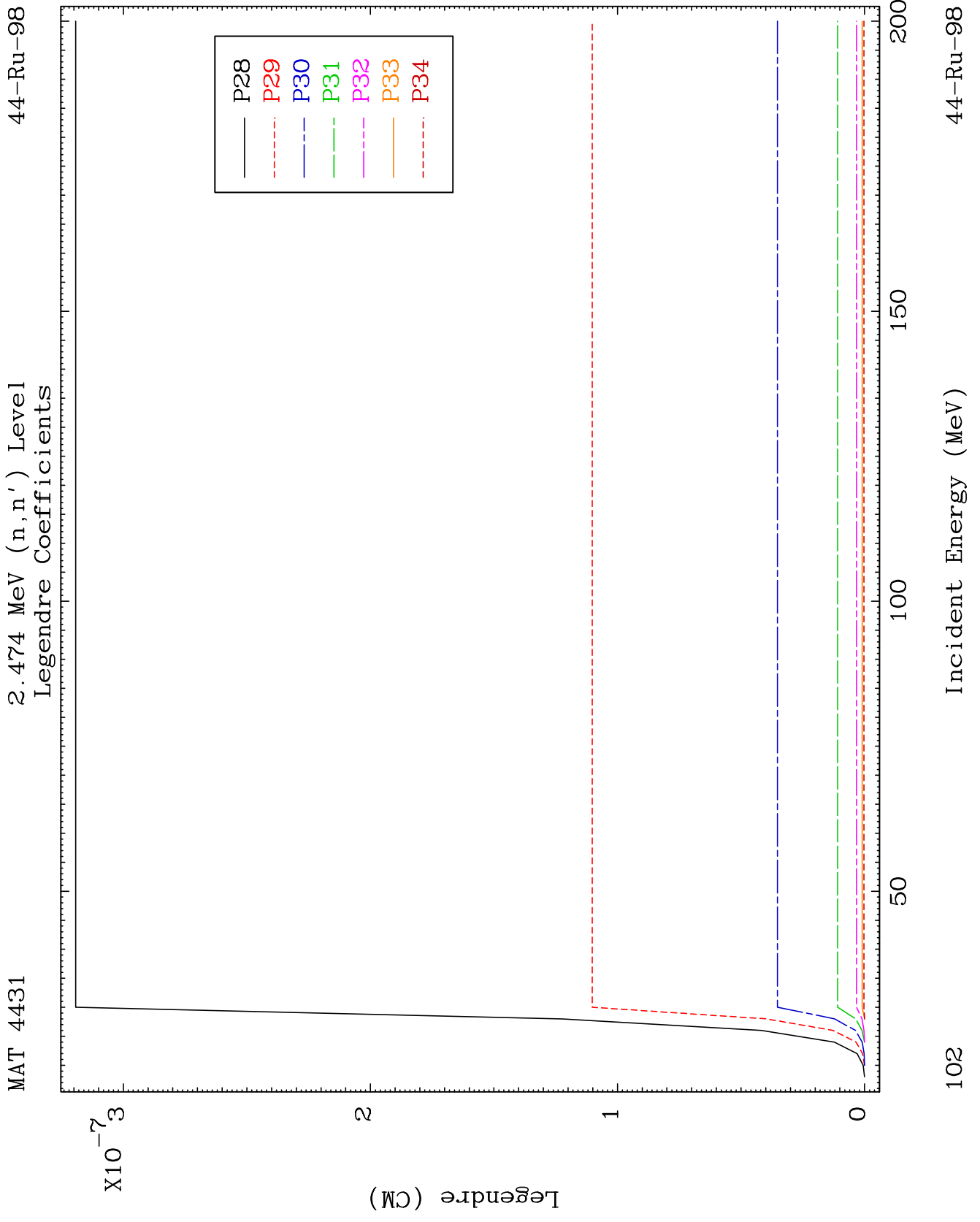








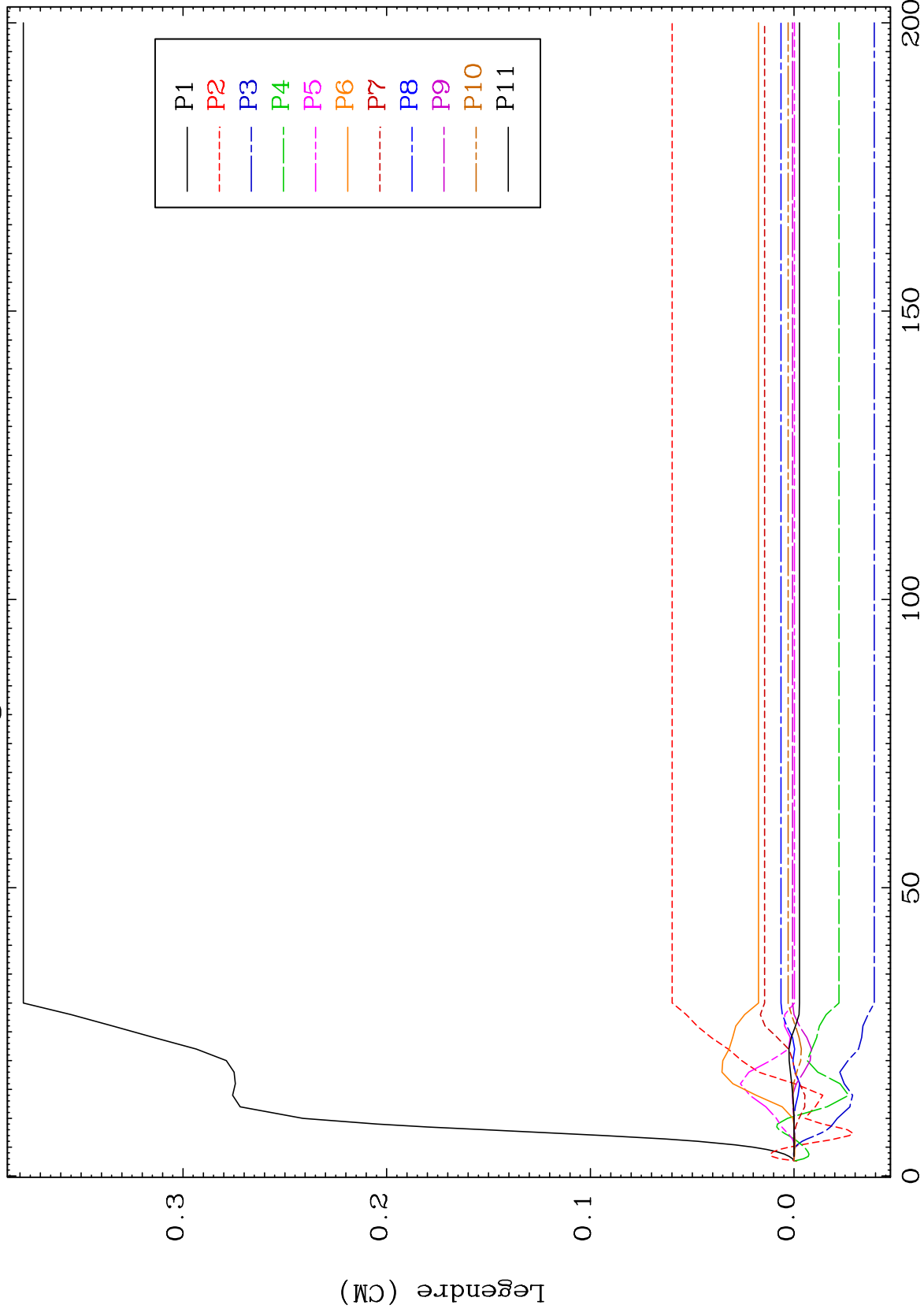




MAT 4431

2.547 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98

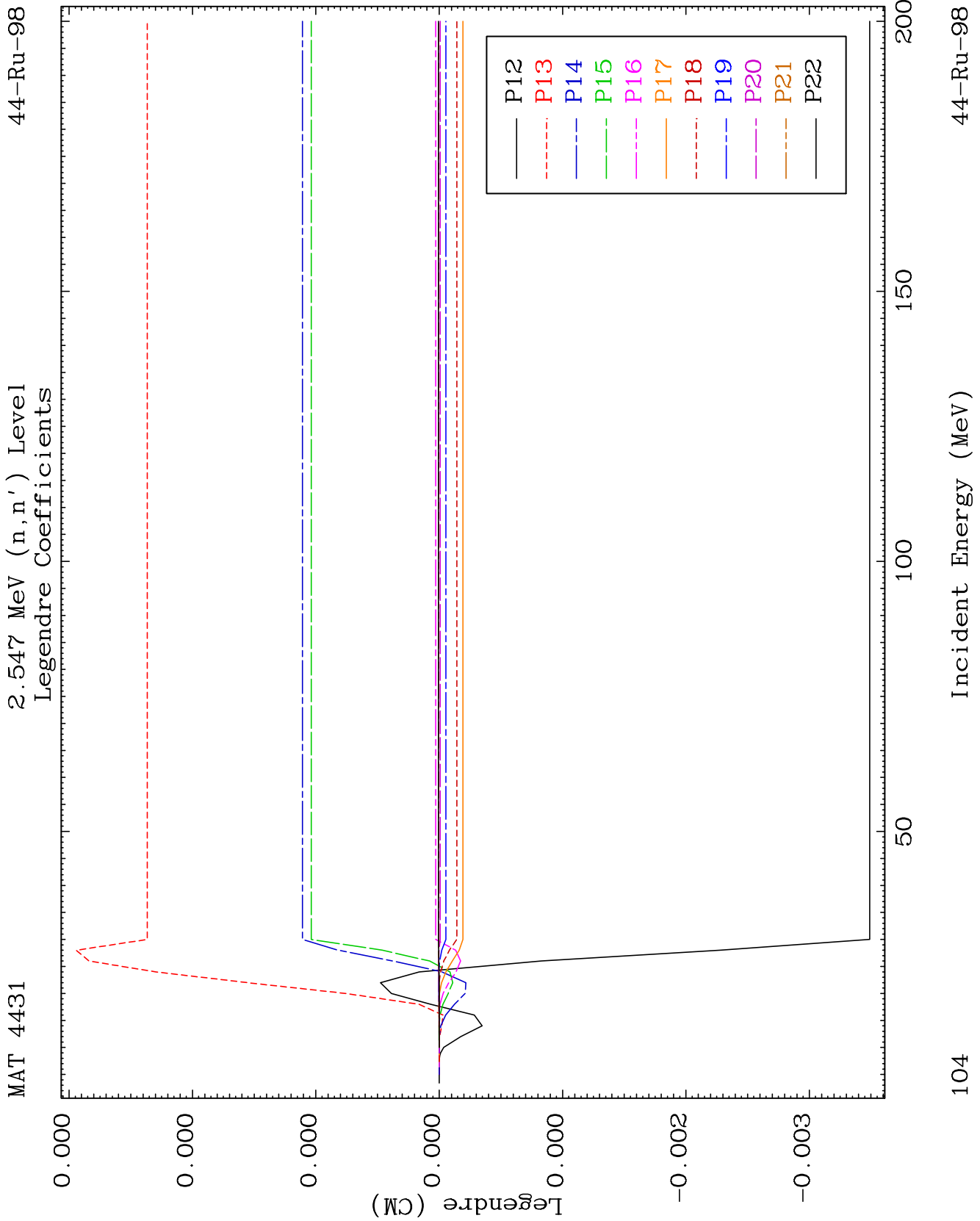


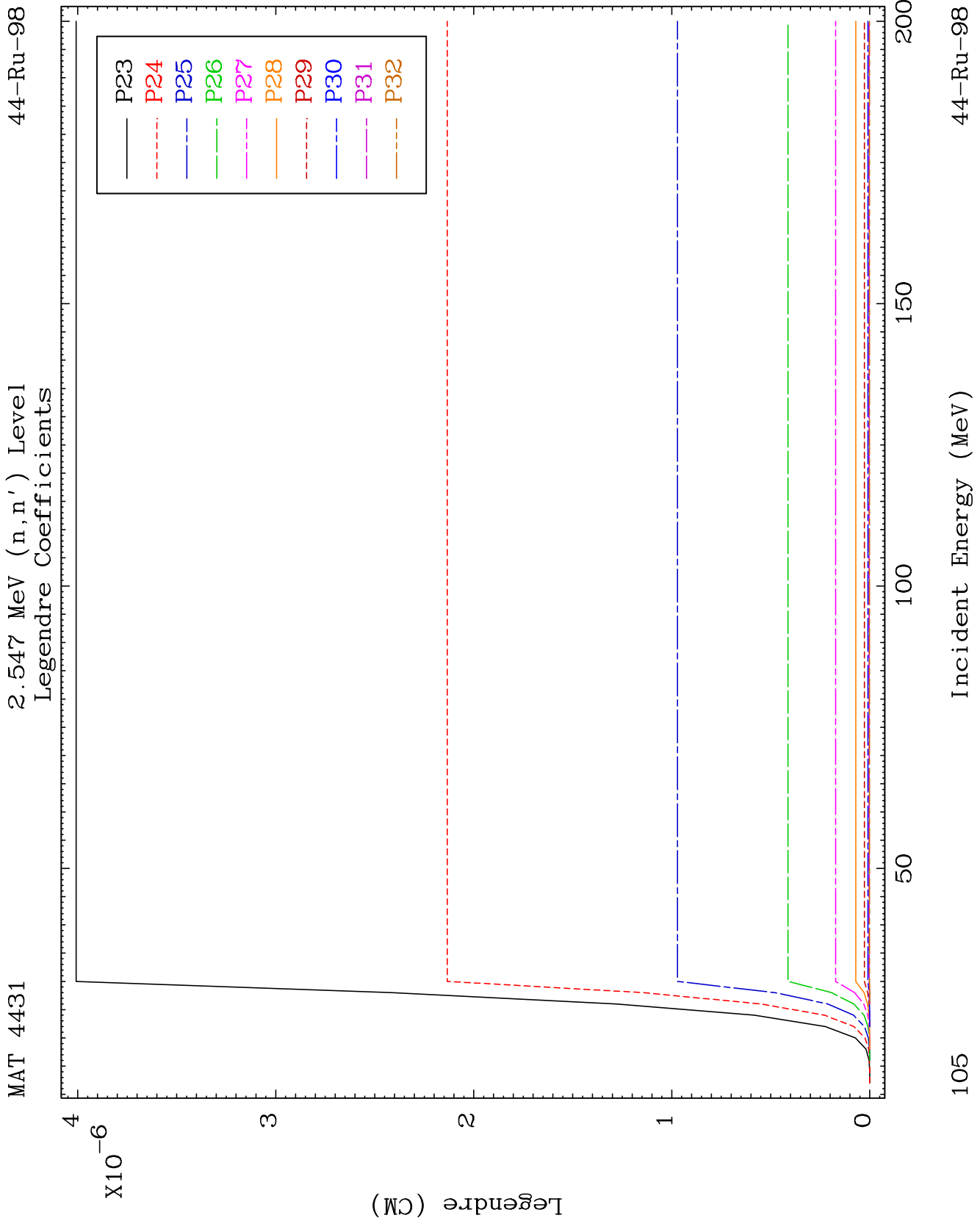
103

Incident Energy (MeV)

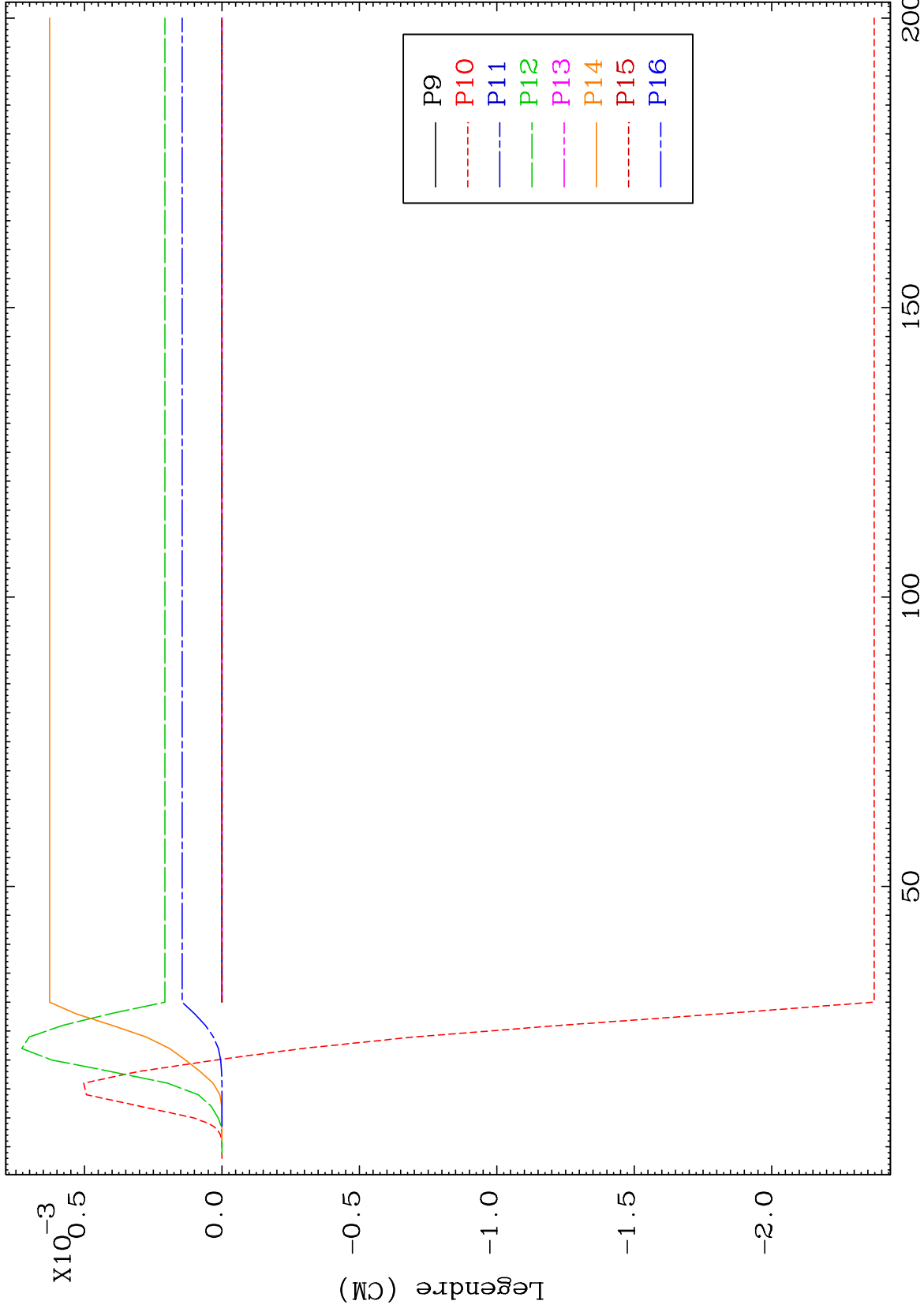
44-Ru-98











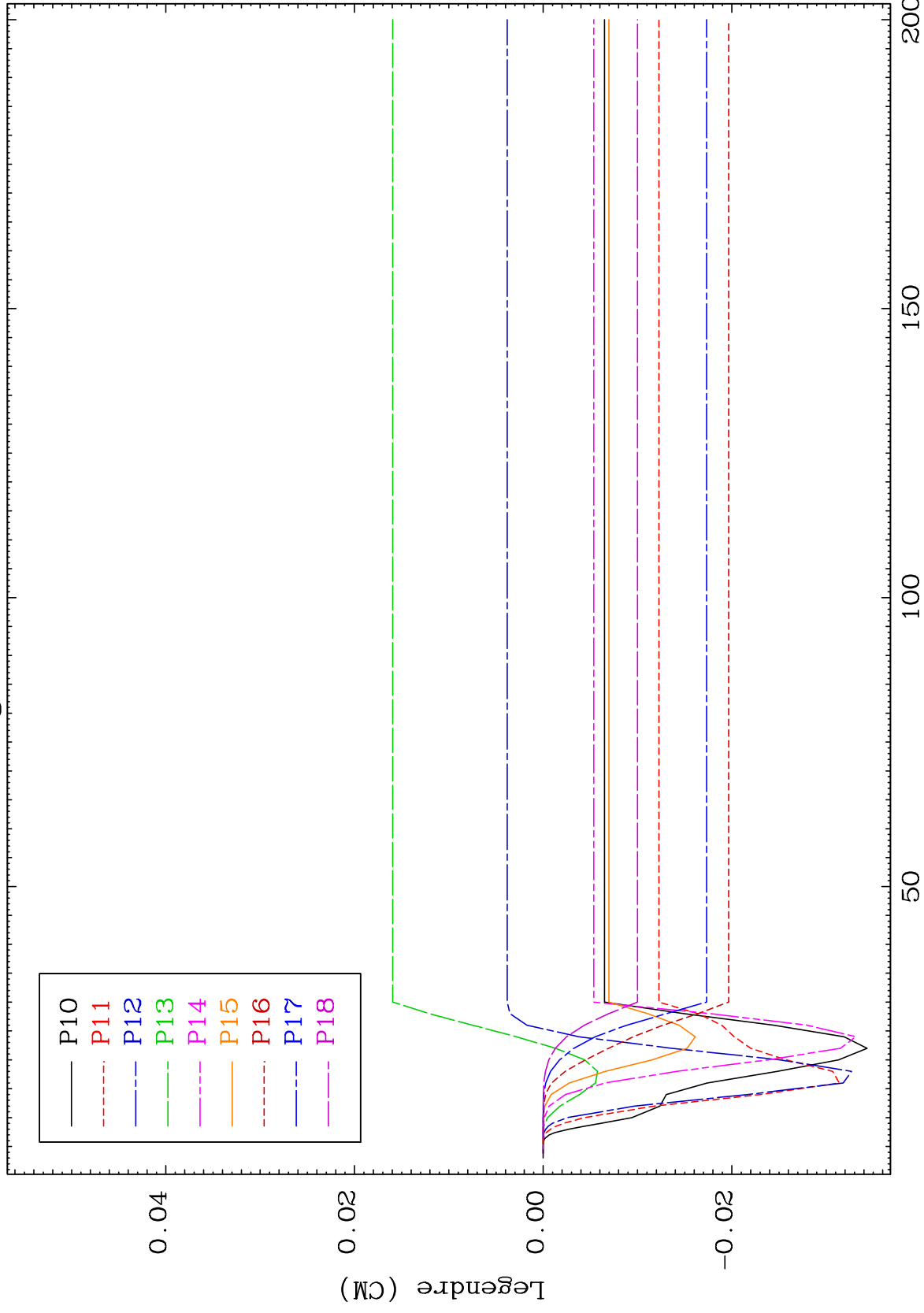




MAT 4431

2.620 MeV (n,n') Level  
Legendre Coefficients

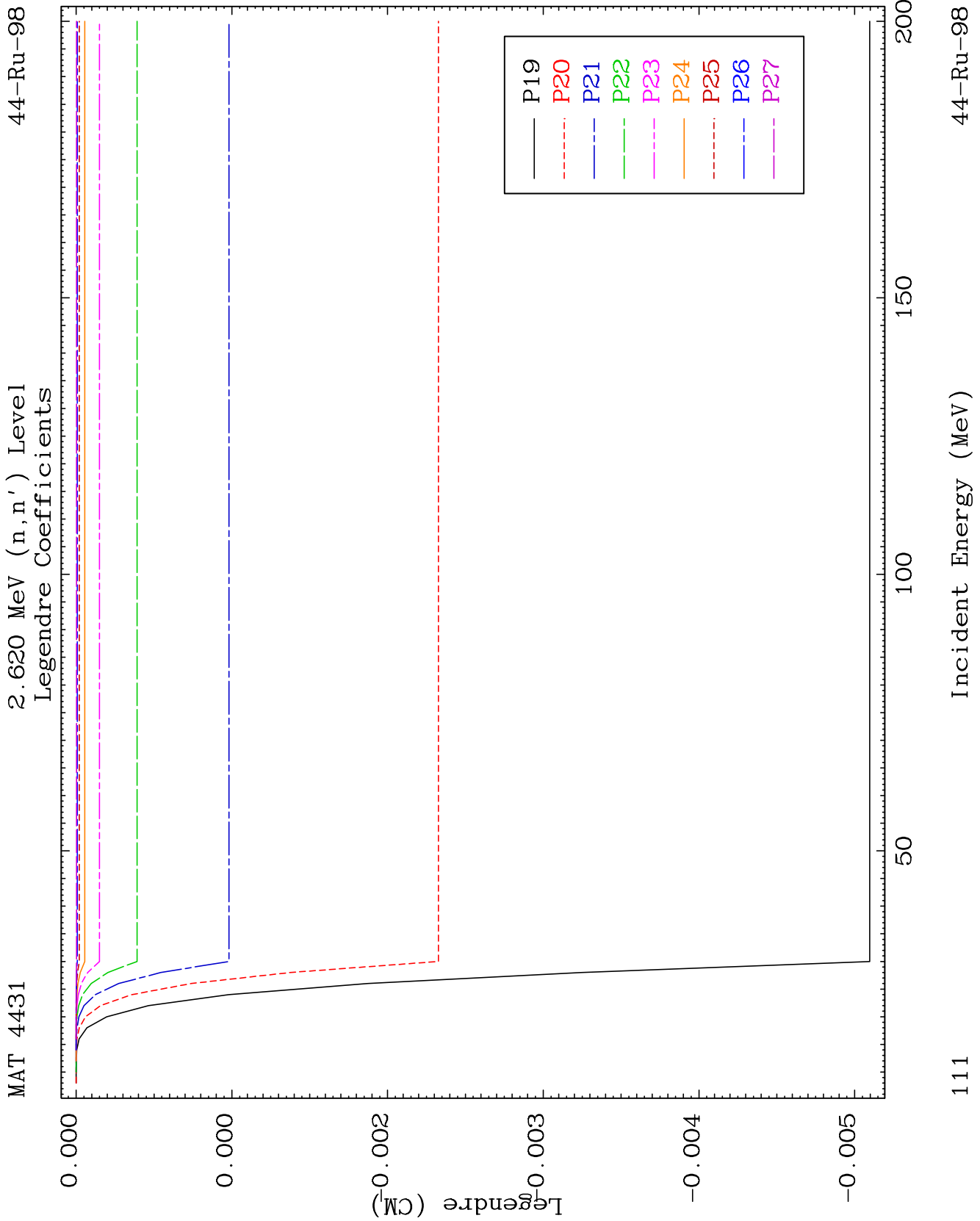
44-Ru-98



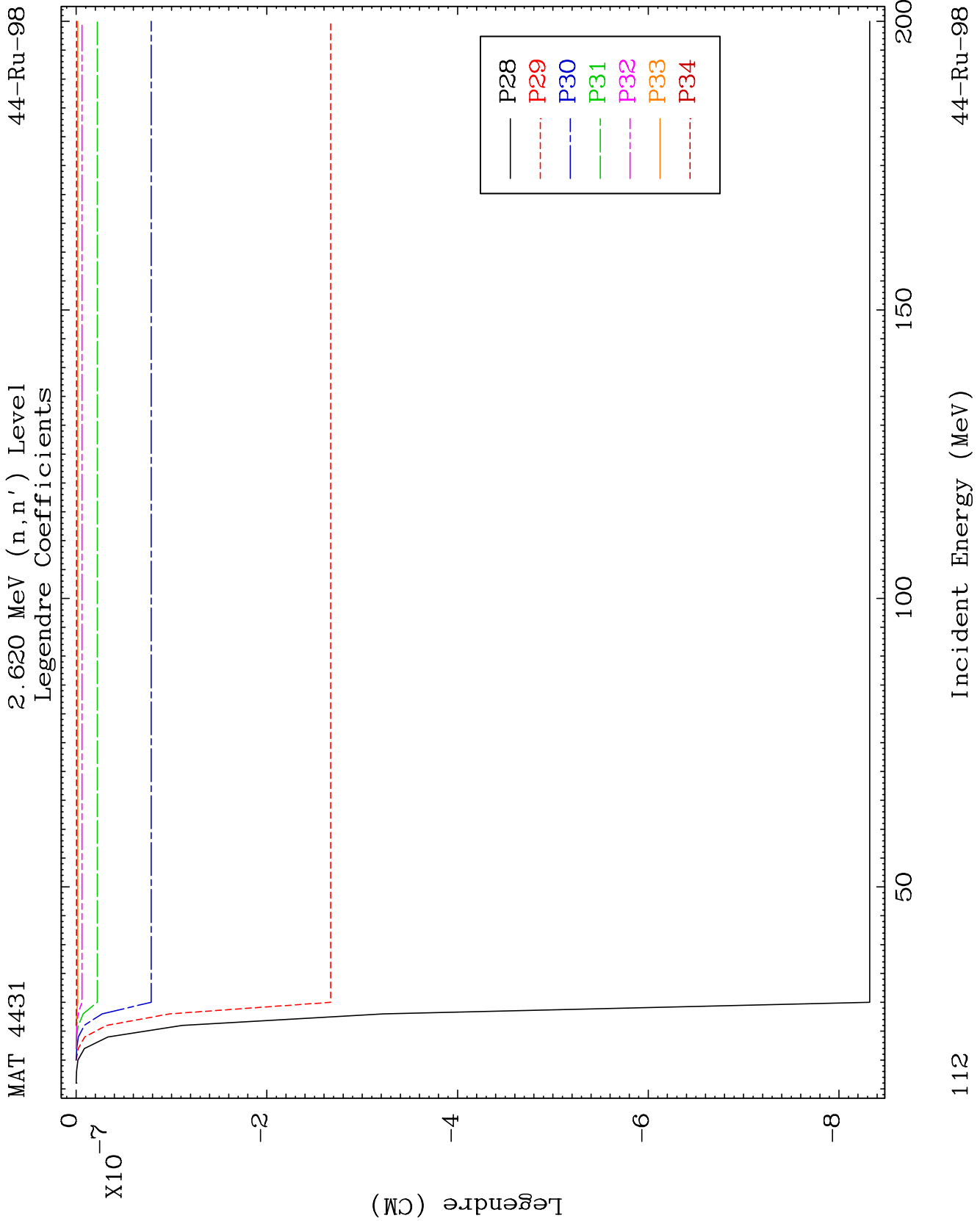
110

Incident Energy (MeV)

44-Ru-98



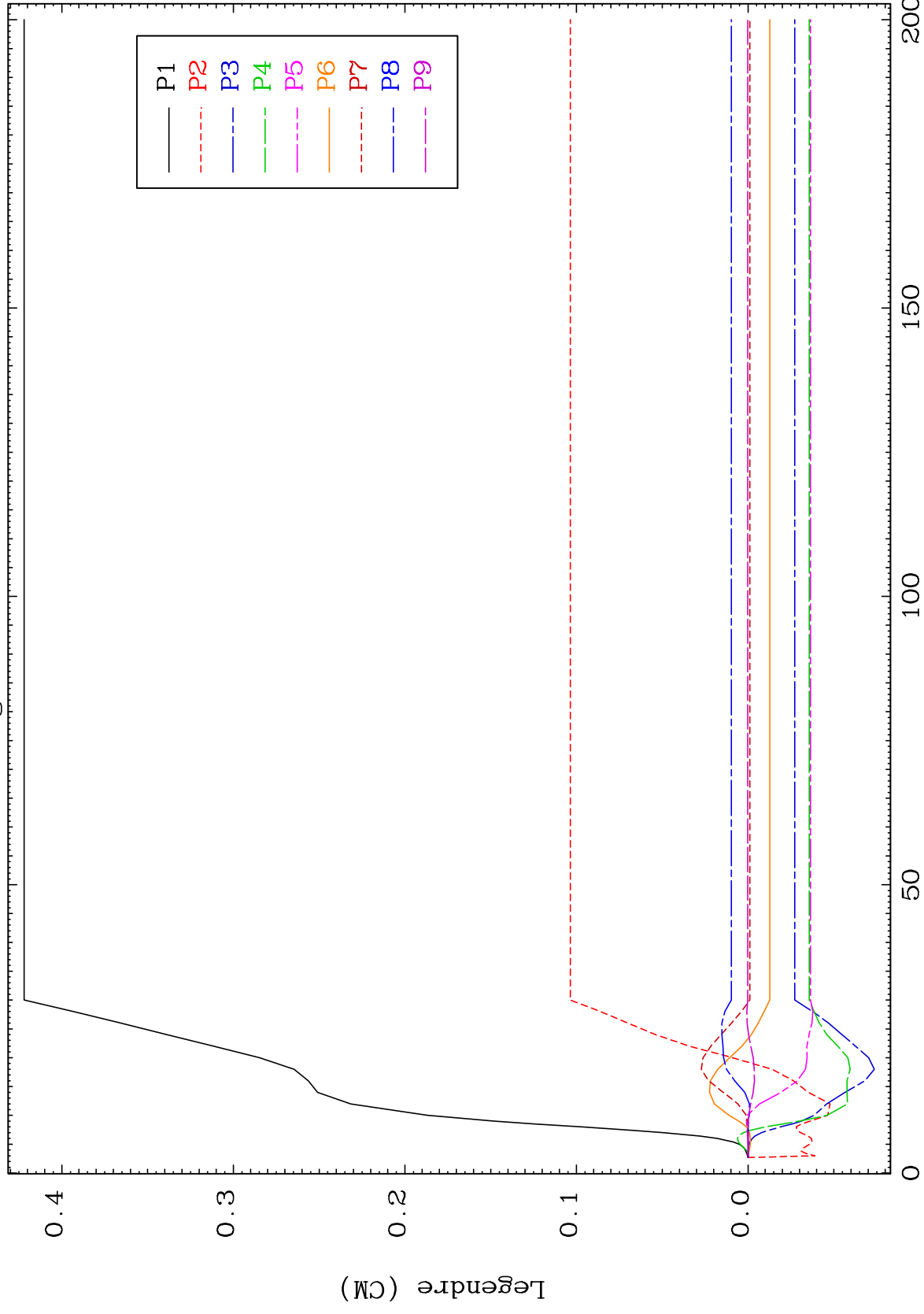




MAT 4431

2.657 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



113

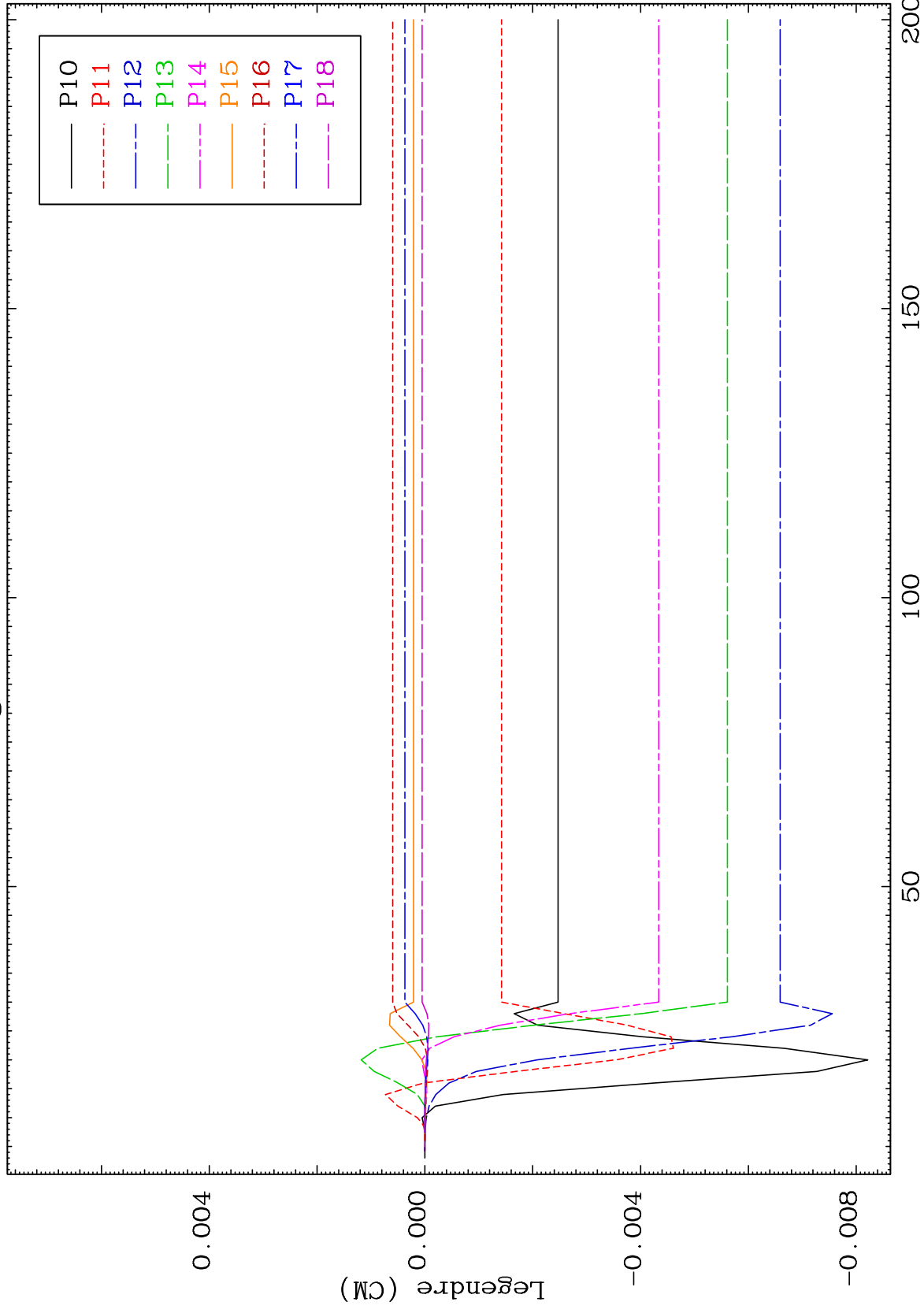
Incident Energy (MeV)

44-Ru-98

MAT 4431

2.657 MeV (n,n') Level  
Legendre Coefficients

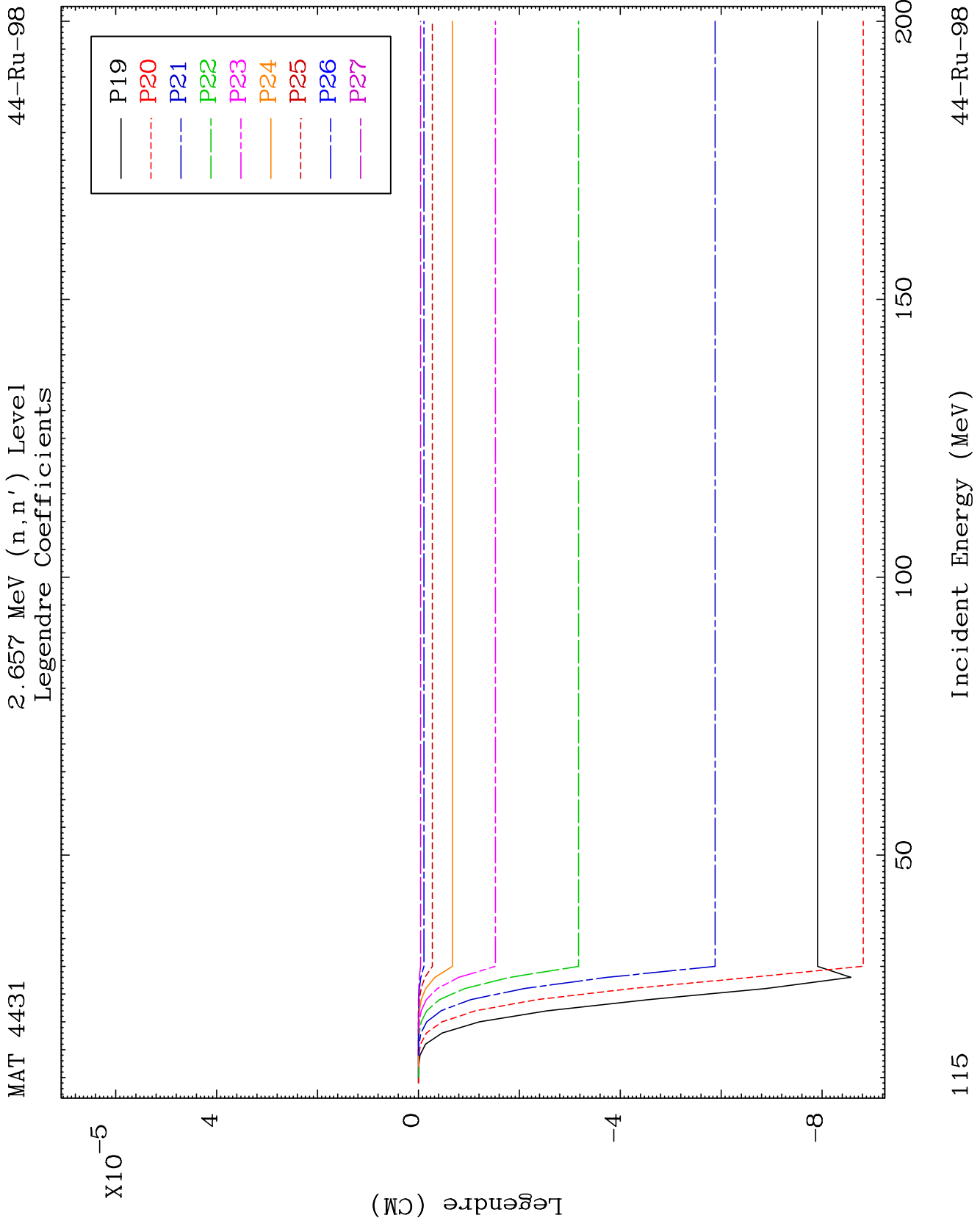
44-Ru-98

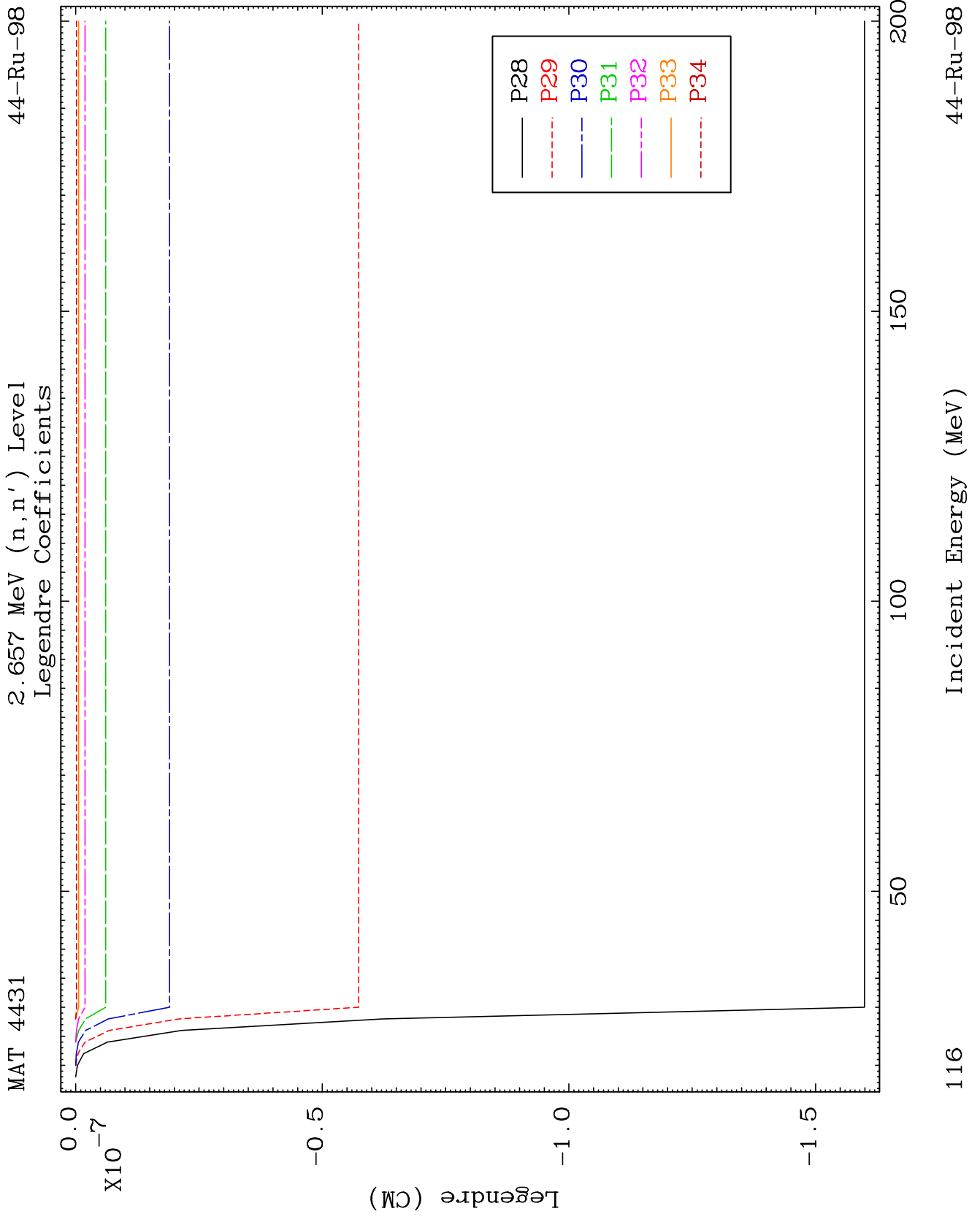


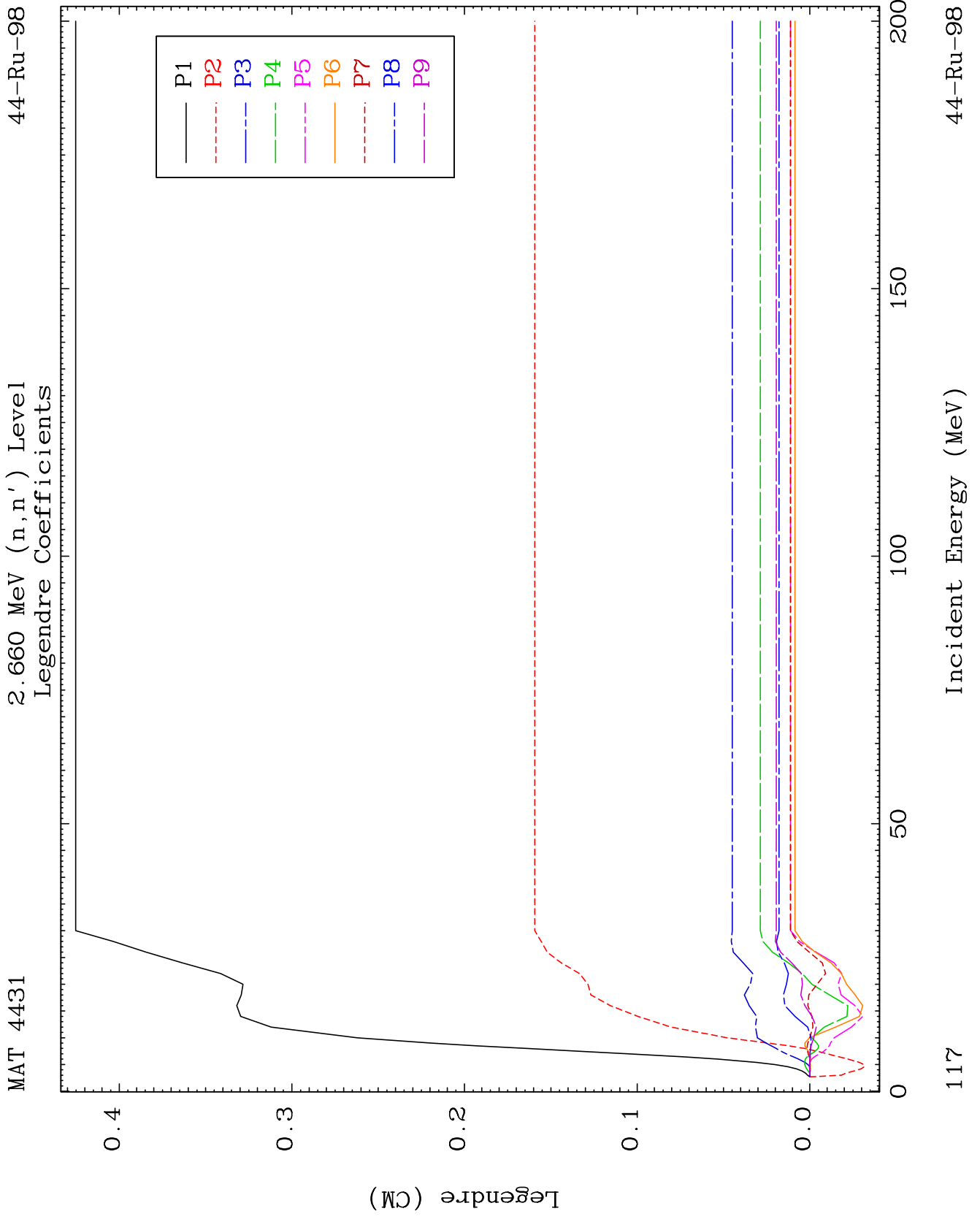
114

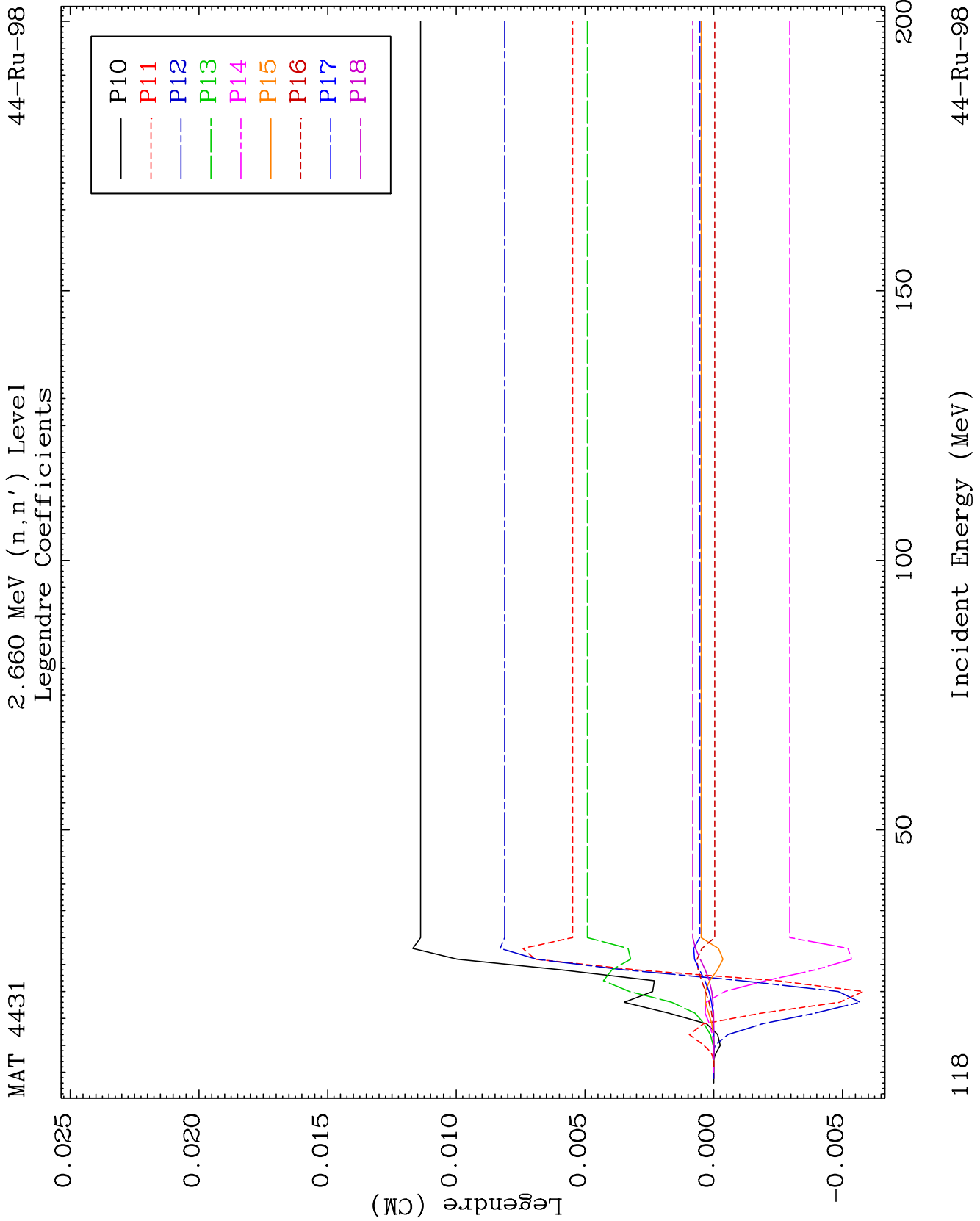
Incident Energy (MeV)

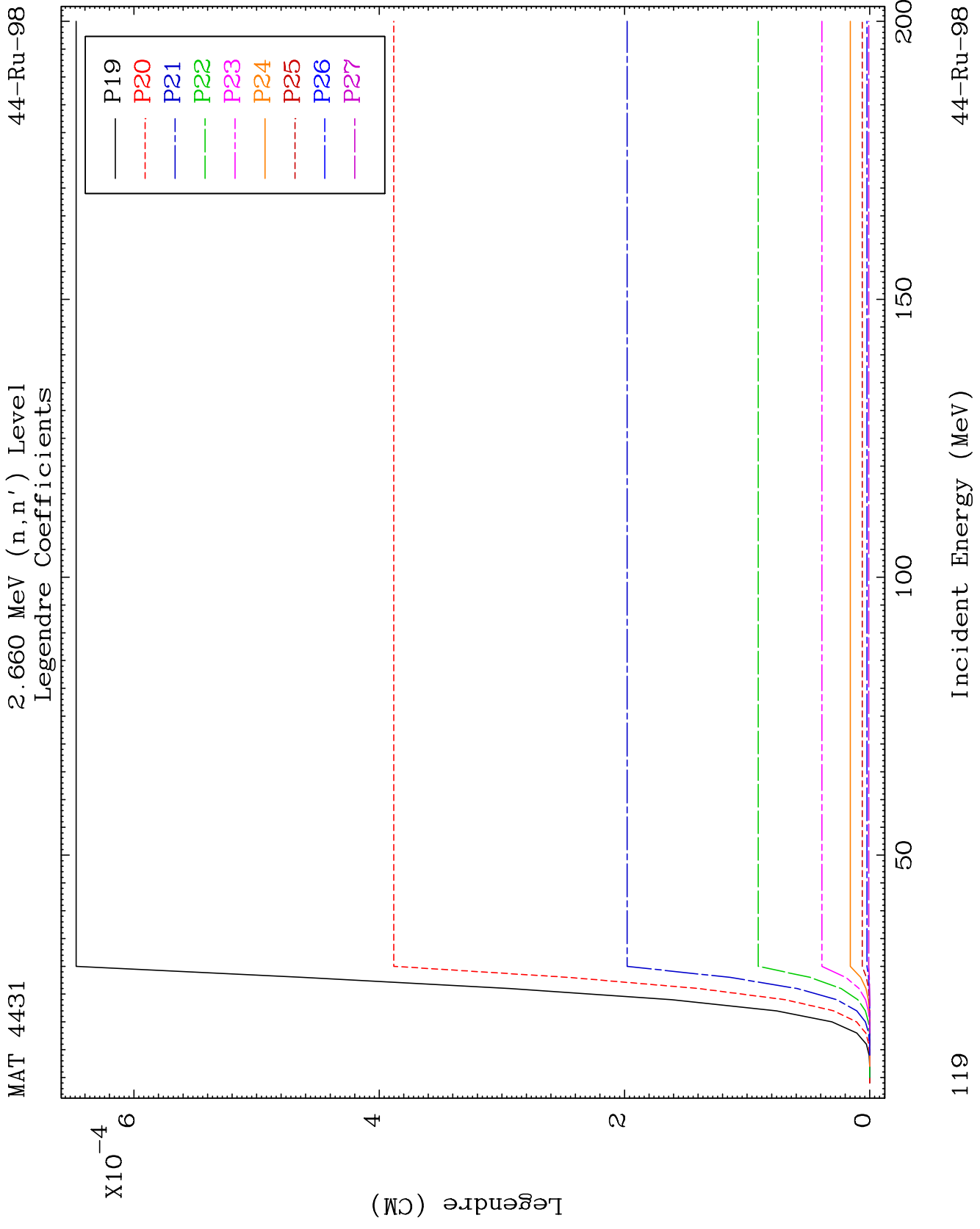
44-Ru-98



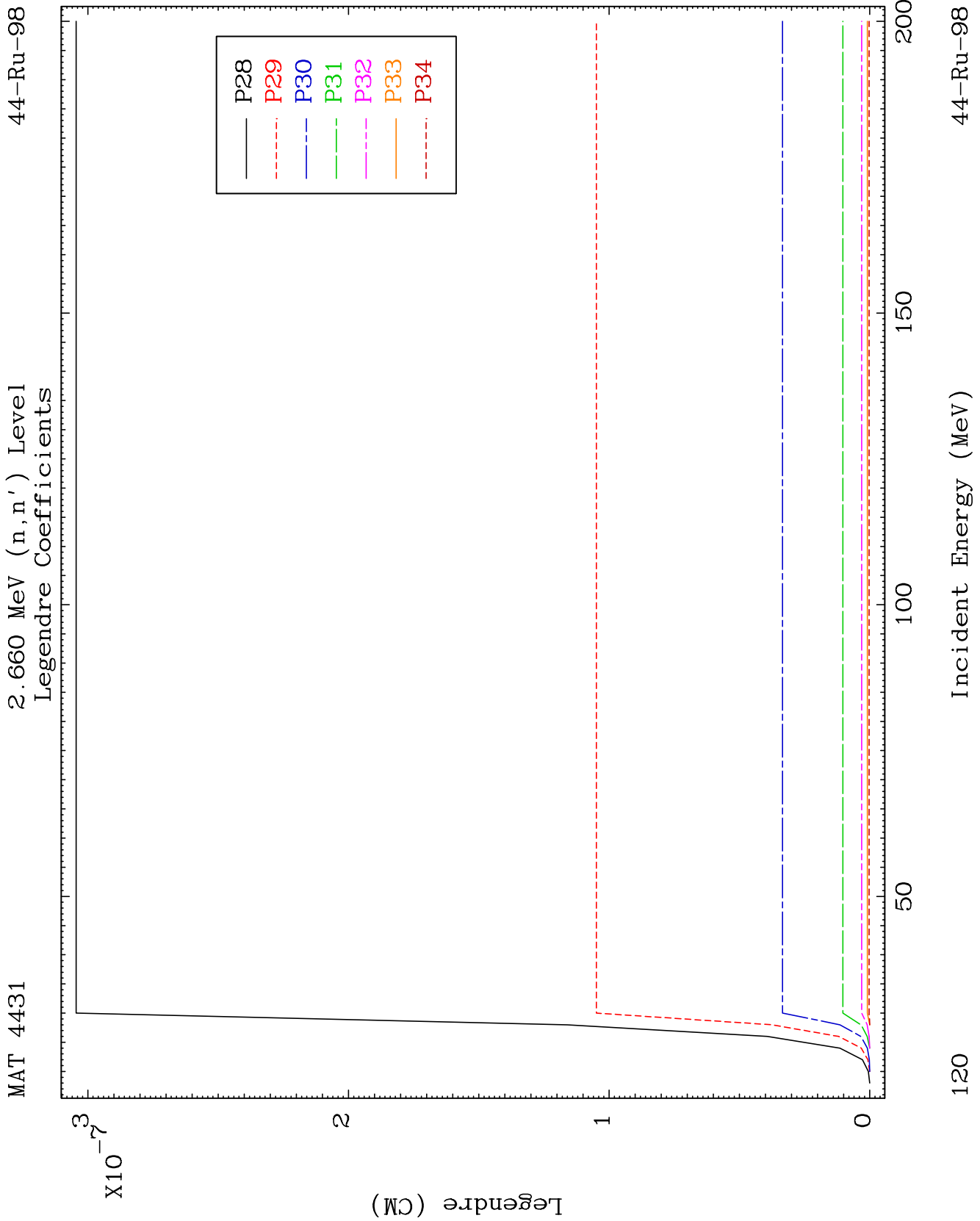








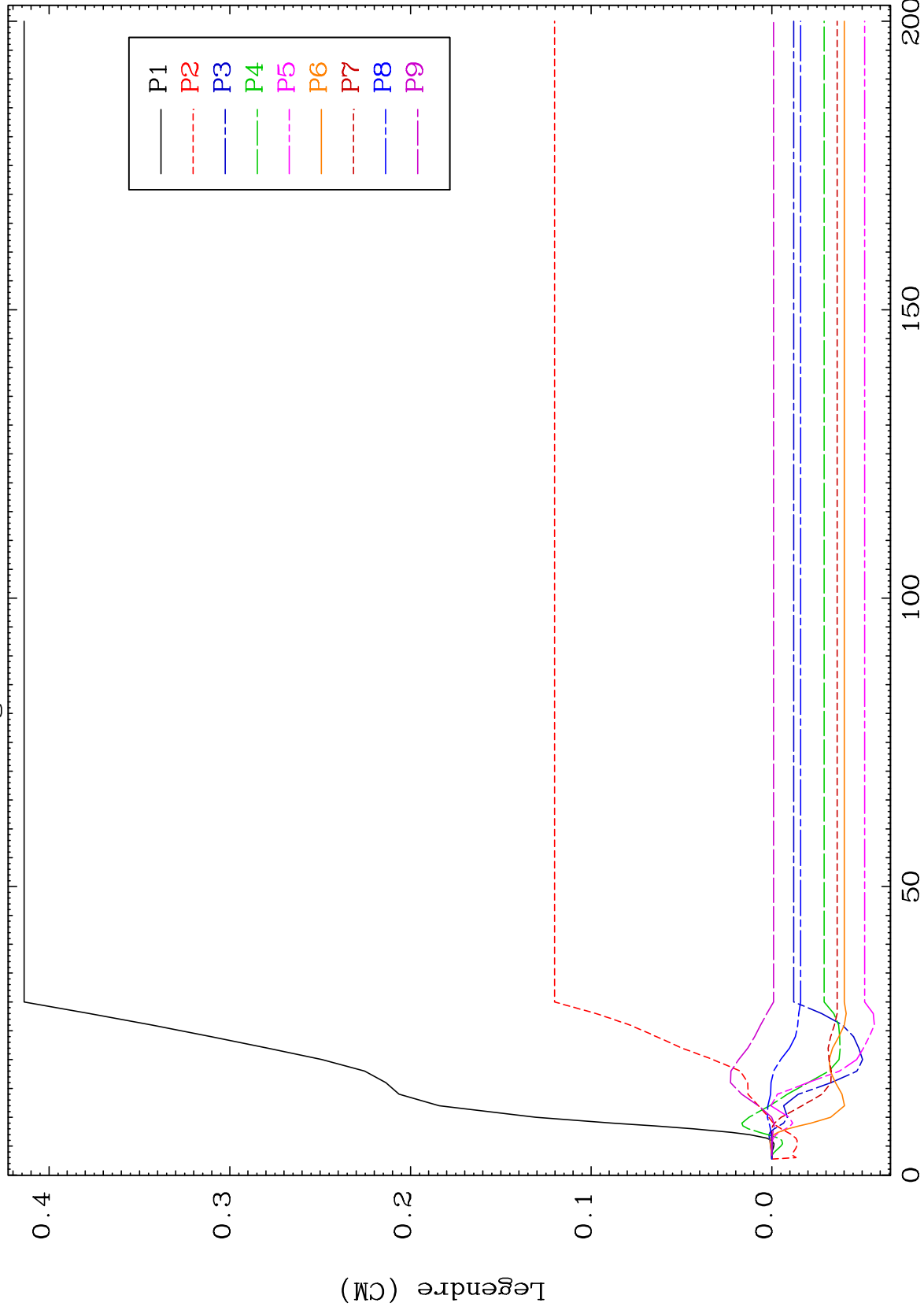




MAT 4431

2.720 MeV (n,n') Level  
Legendre Coefficients

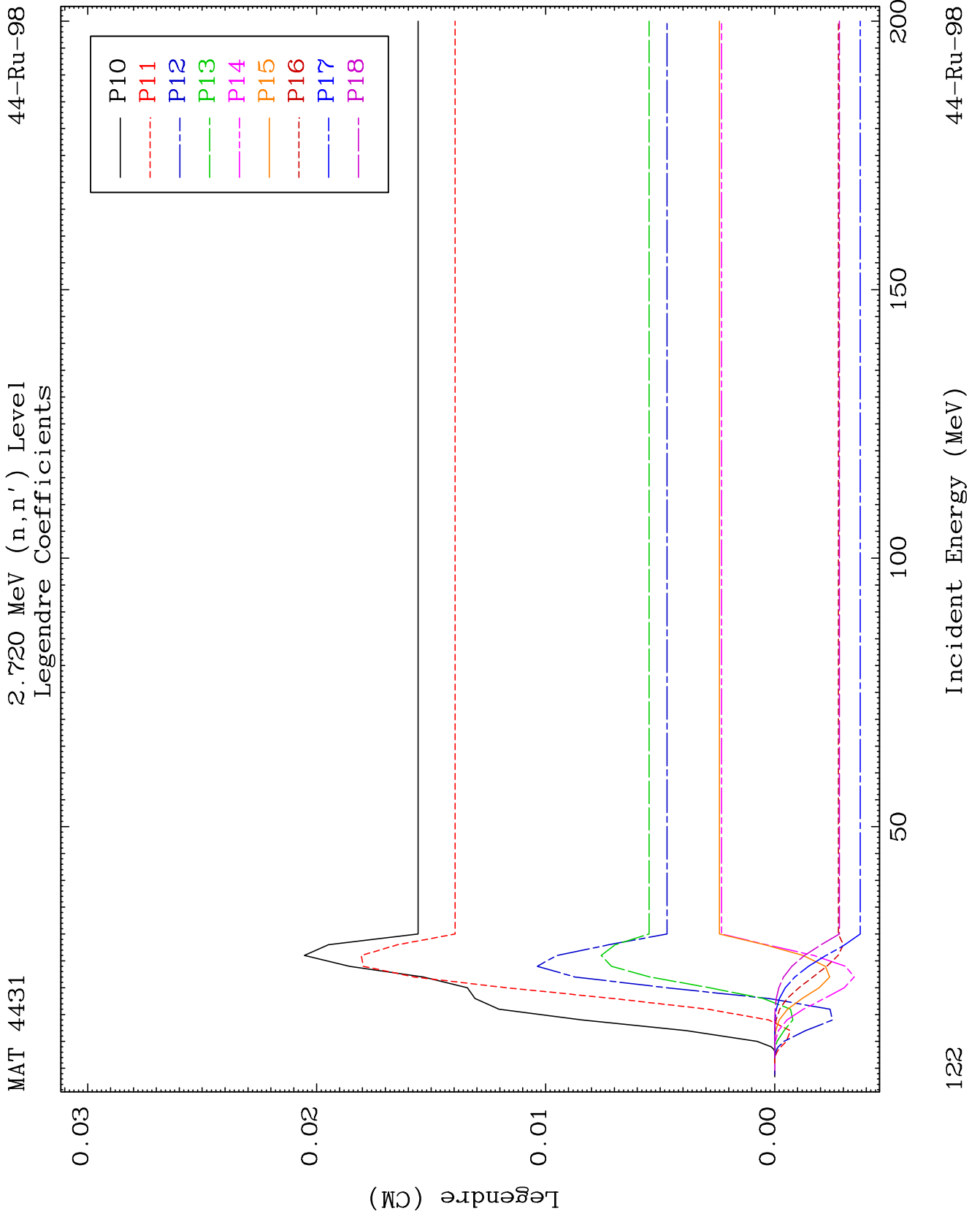
44-Ru-98

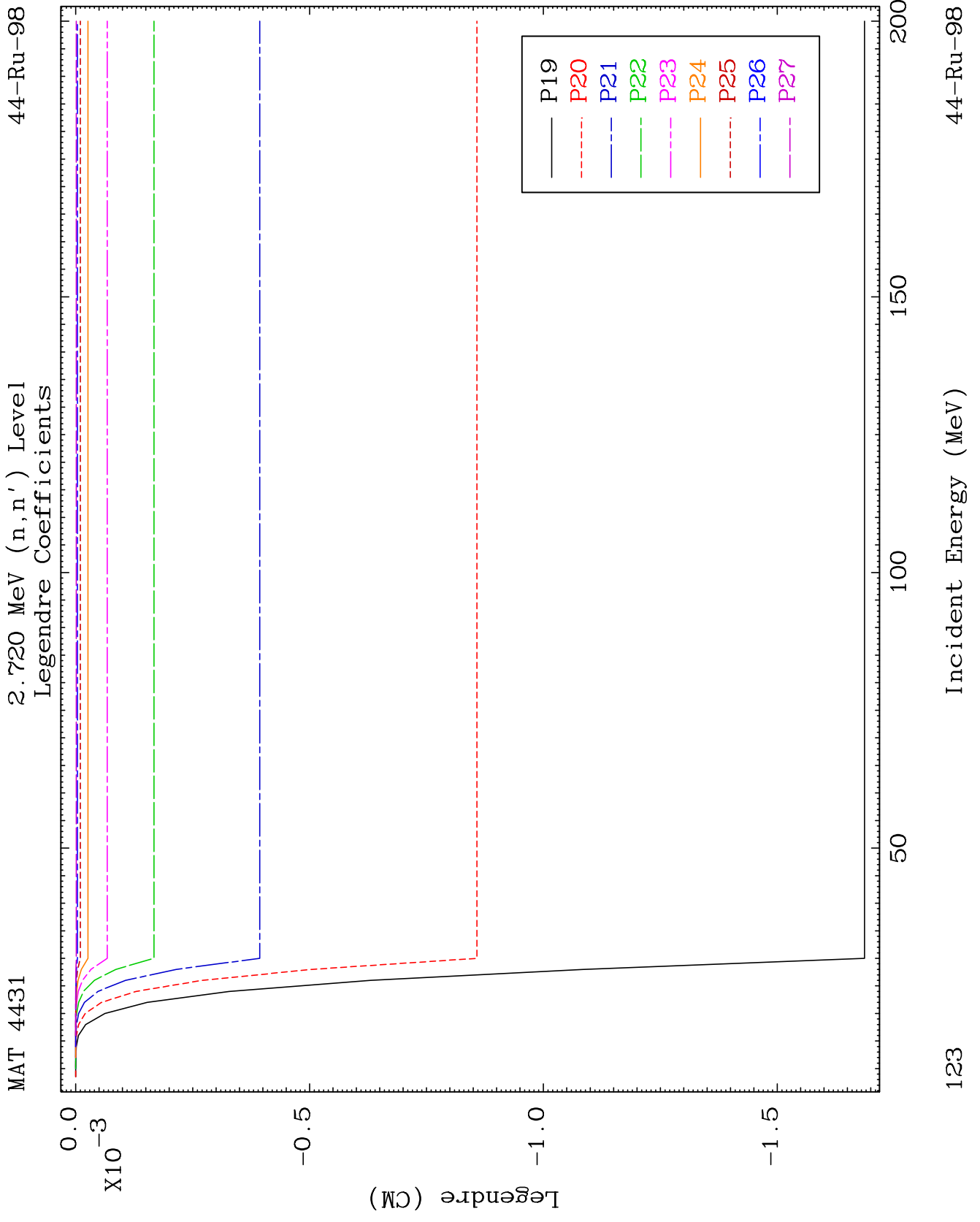


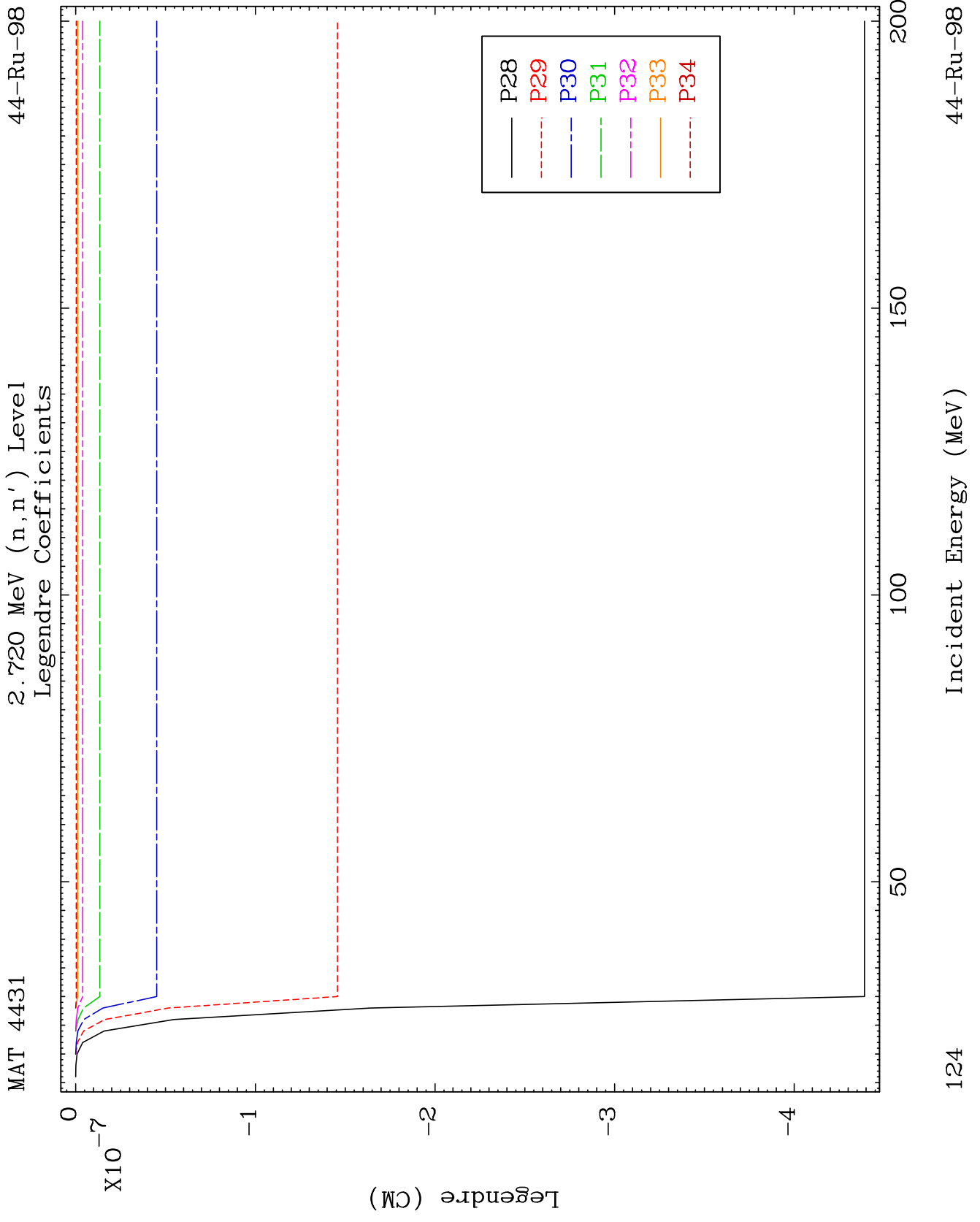
121

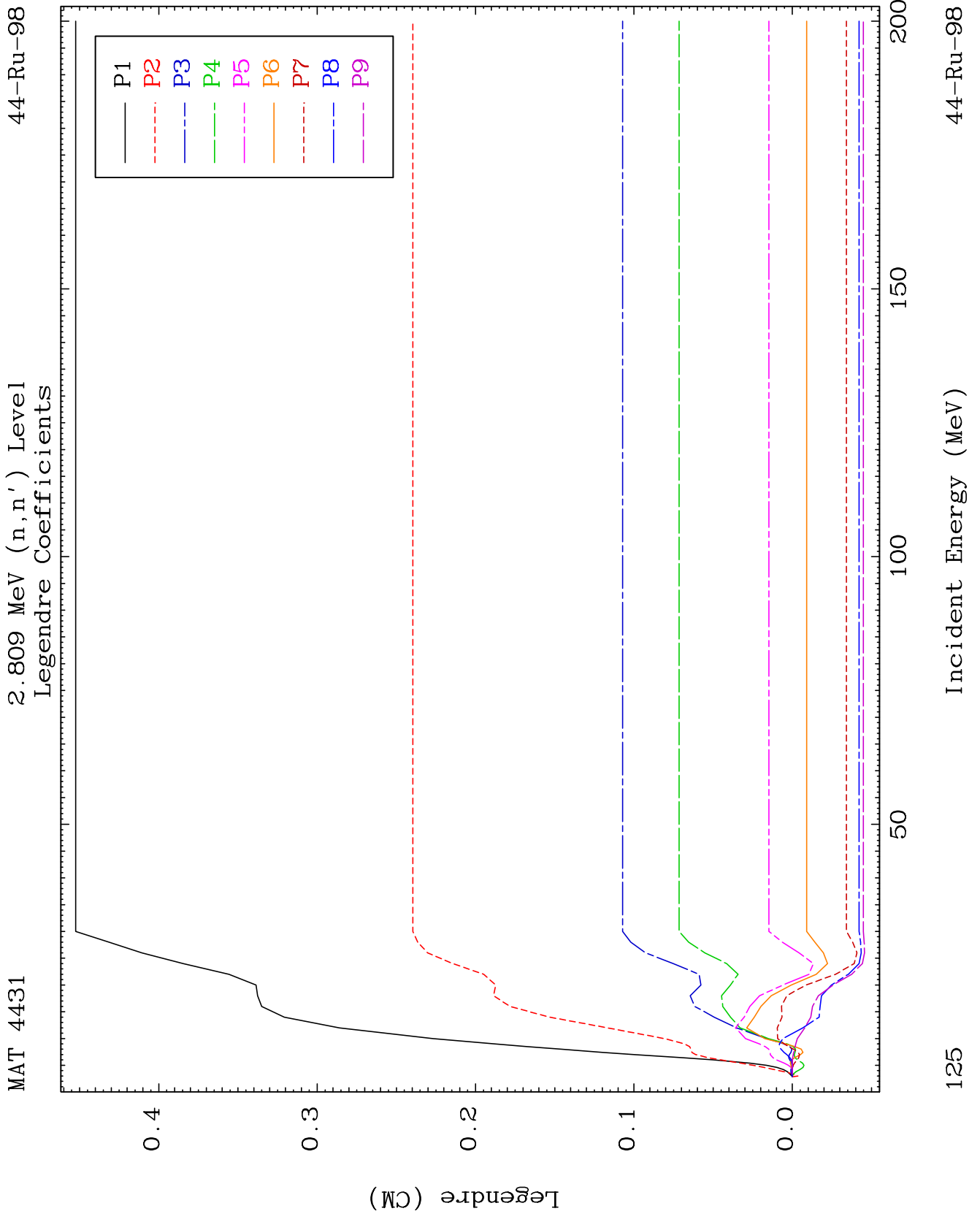
Incident Energy (MeV)

44-Ru-98





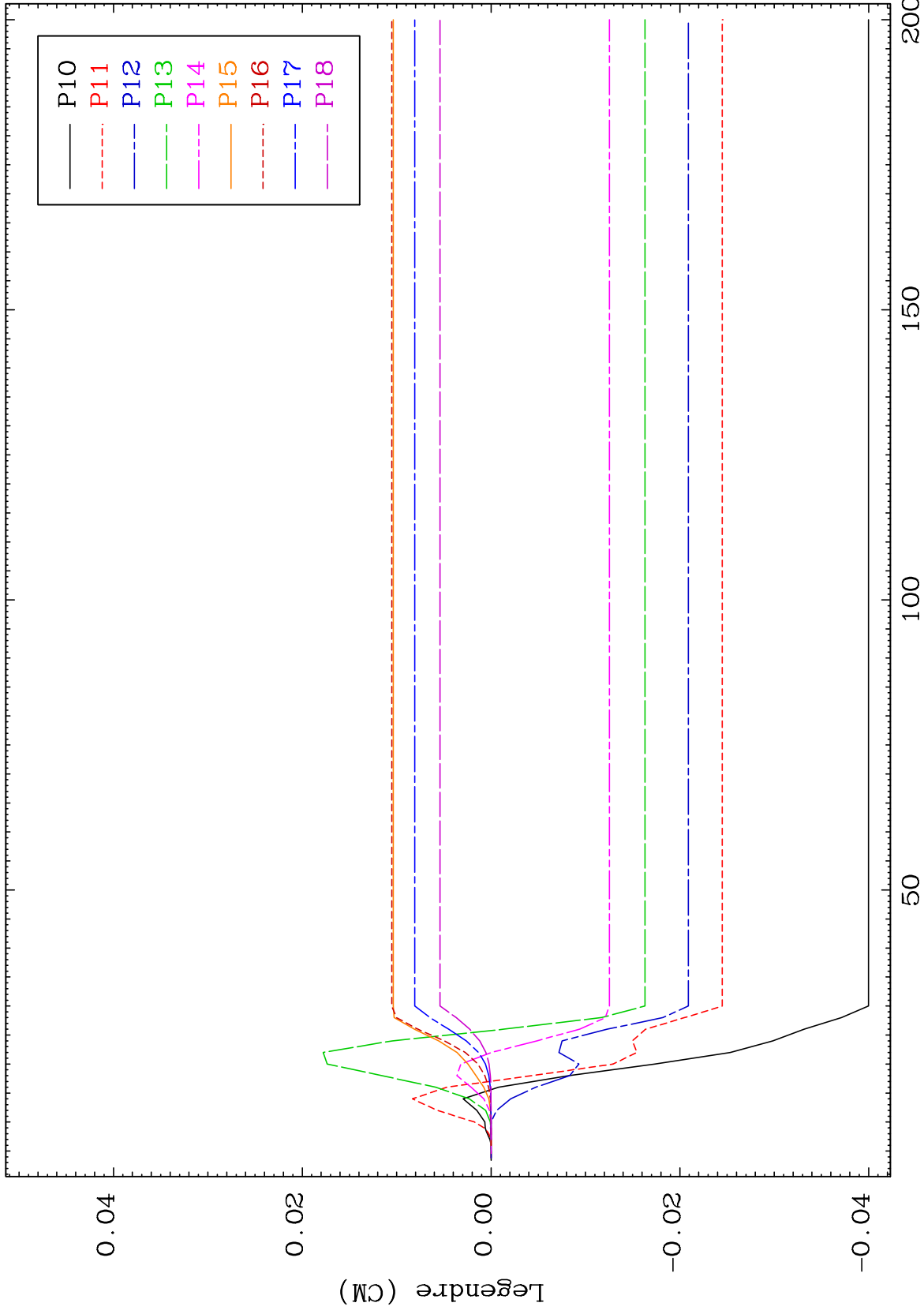




MAT 4431

2.809 MeV (n,n') Level  
Legendre Coefficients

44-Ru-98



126

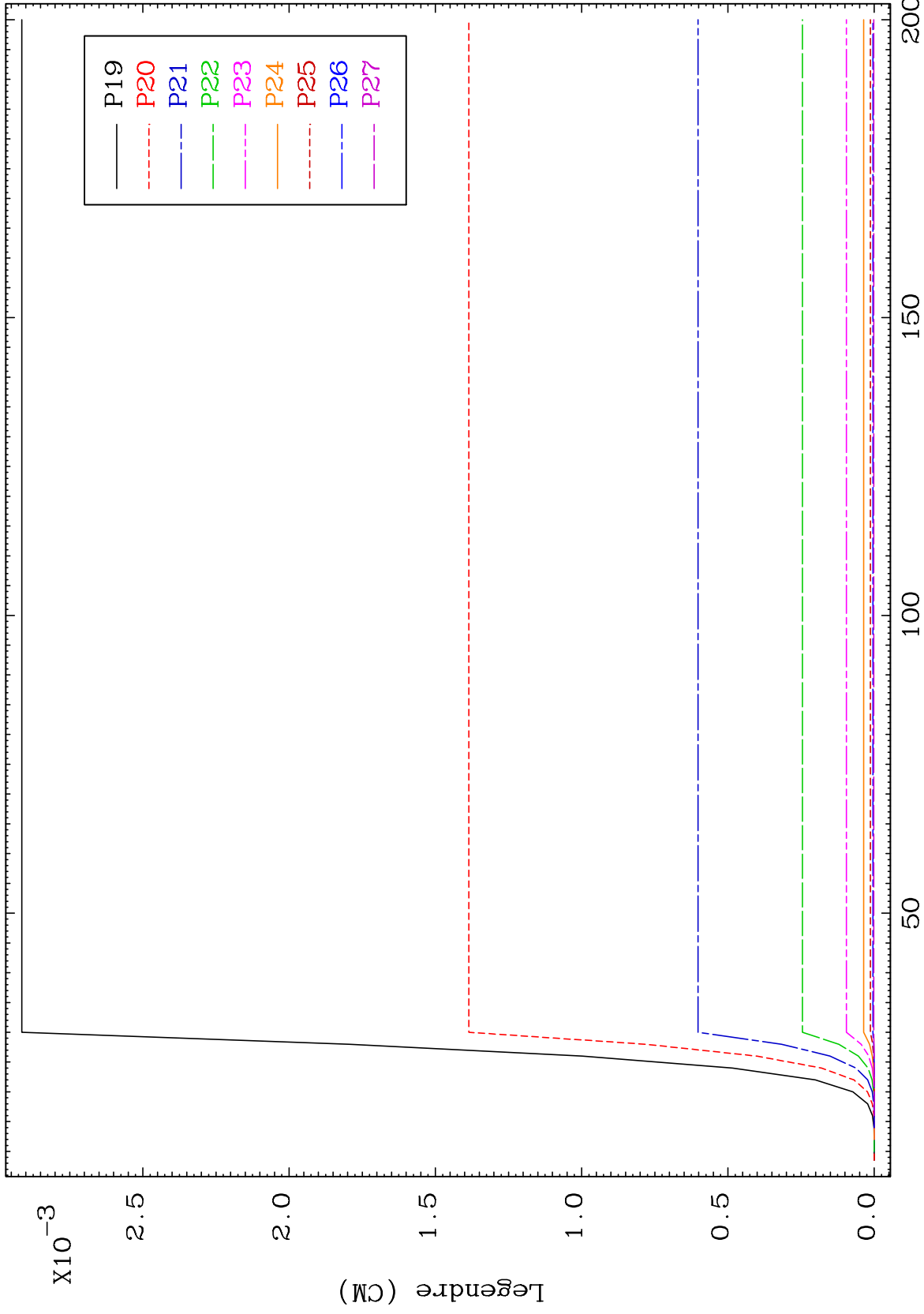
Incident Energy (MeV)

44-Ru-98

MAT 4431

2.809 MeV (n, n') Level  
Legendre Coefficients

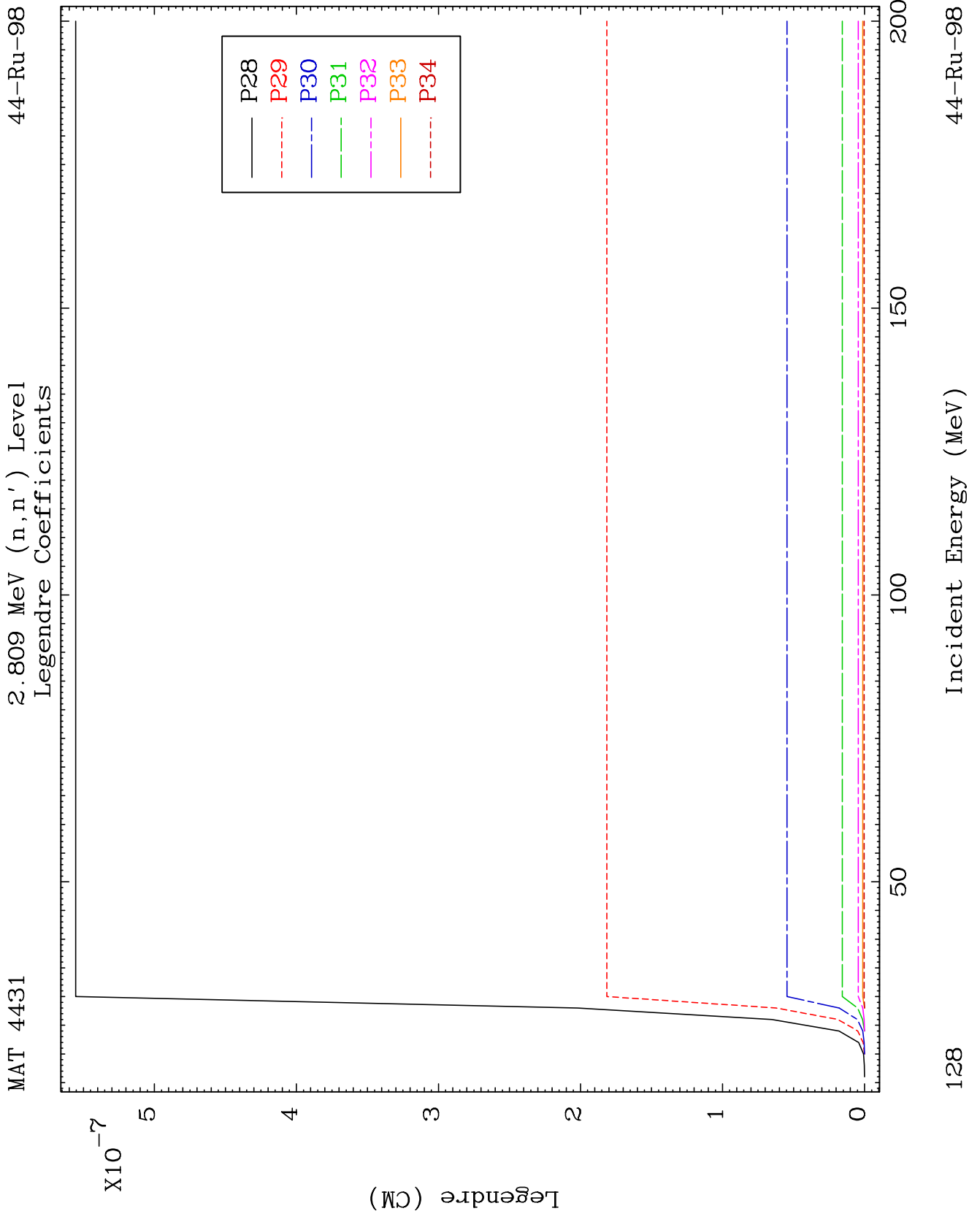
44-Ru-98



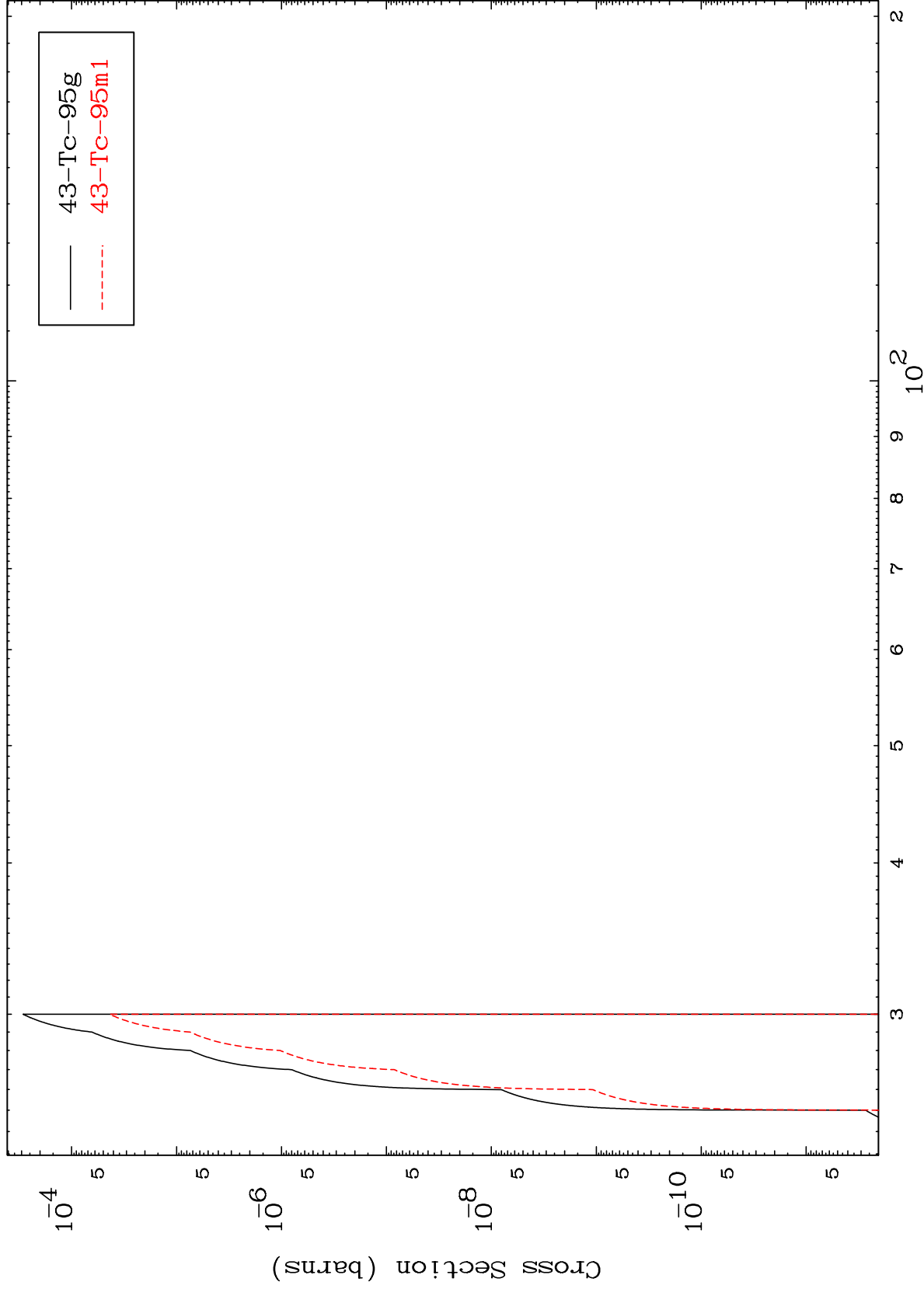
127

44-Ru-98





Radionuclide Production Cross Section

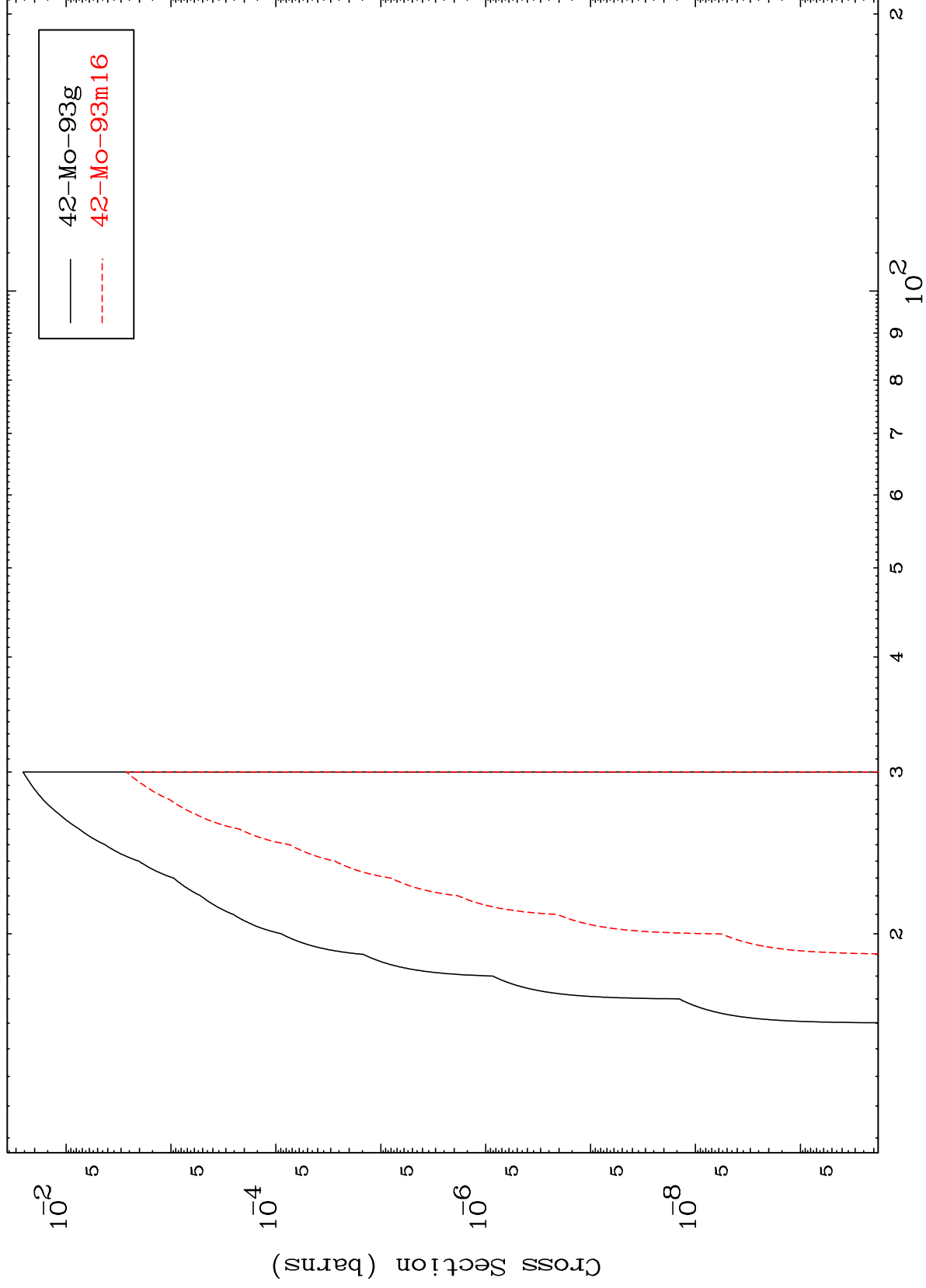


MAT 4431

(n,2n)  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



130

Incident Energy (MeV)

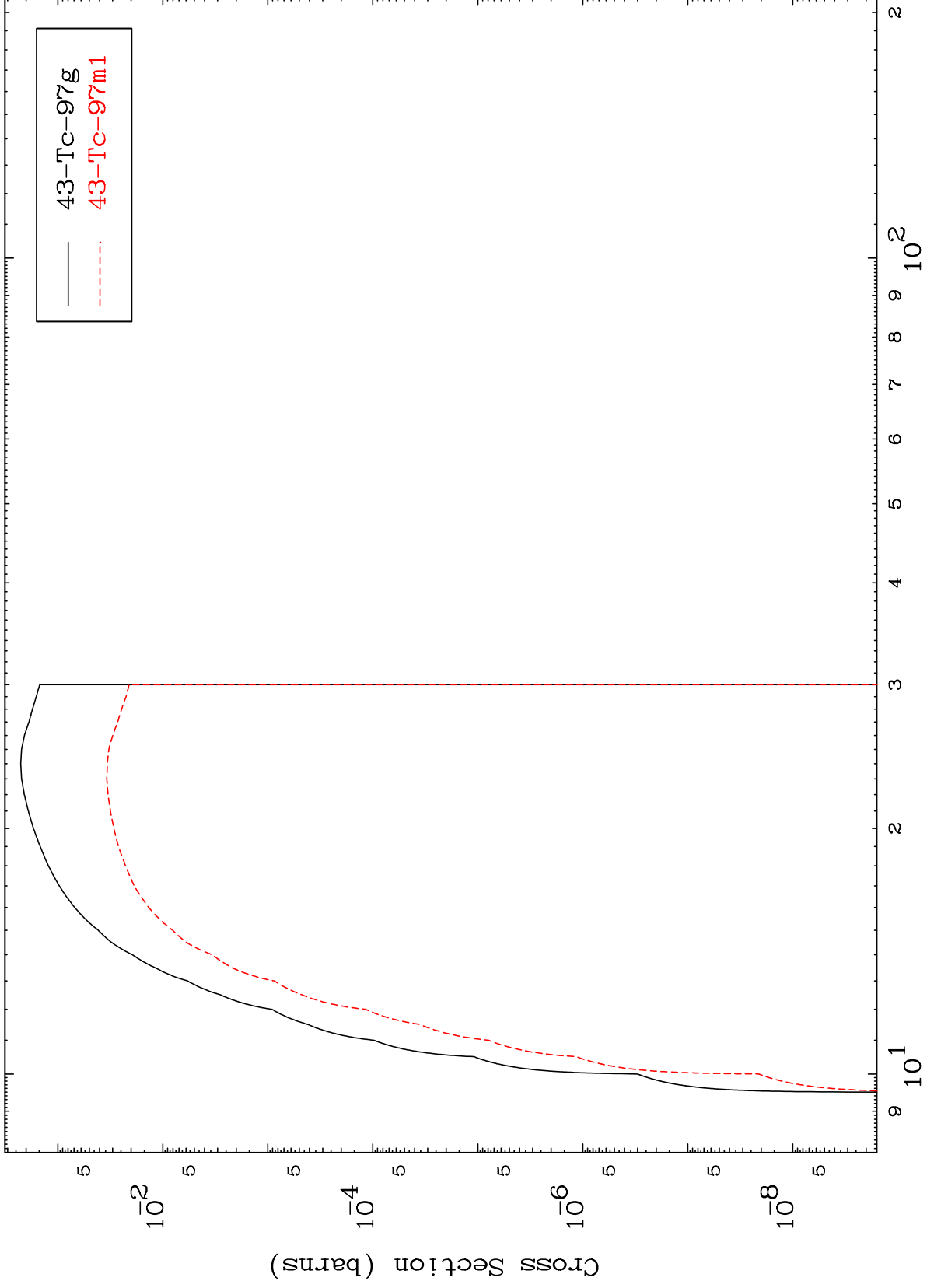
44-Ru-98

MAT 4431

(n,n') p

44-Ru-98

Radionuclide Production Cross Section



131

Incident Energy (MeV)

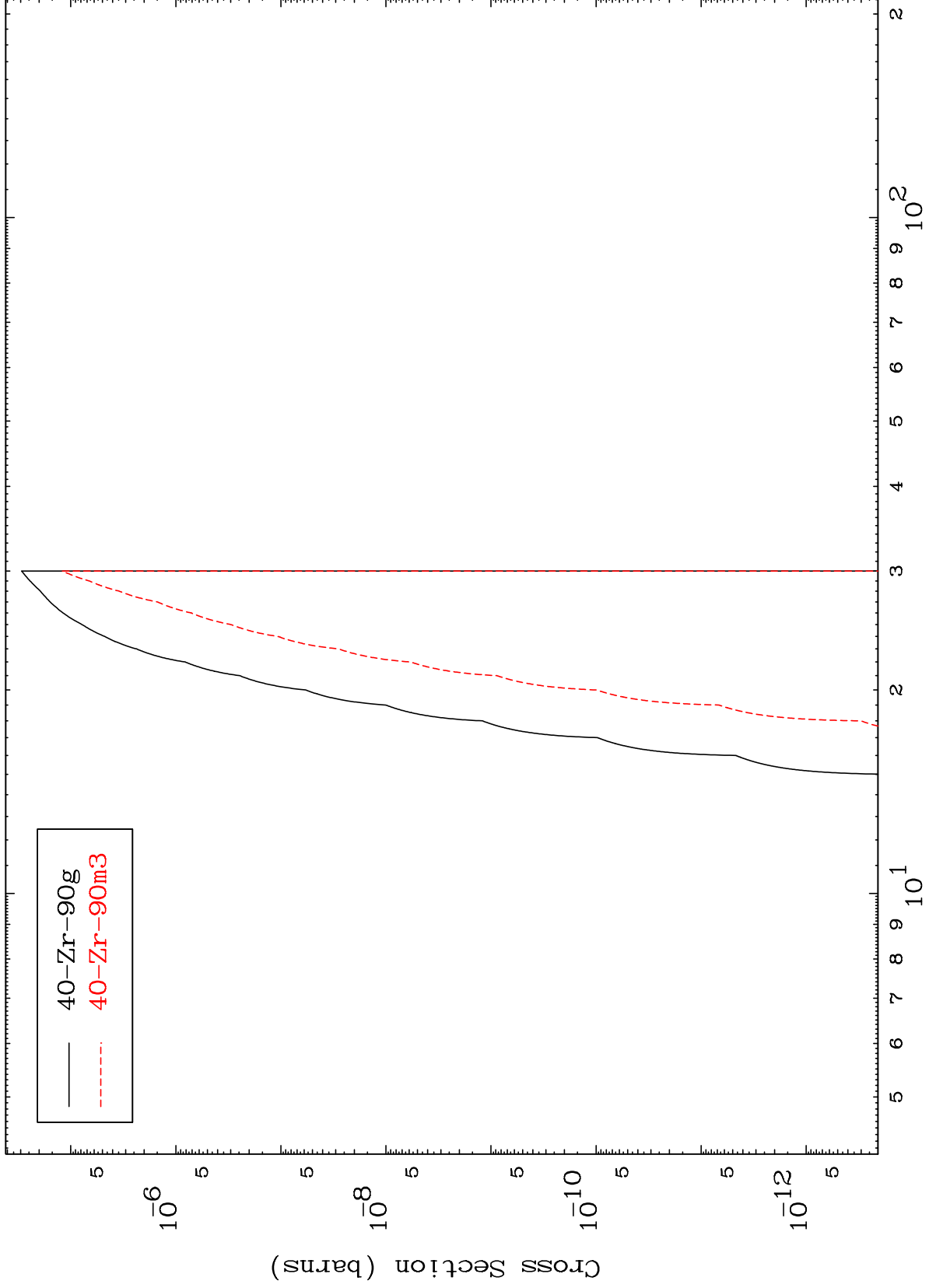
44-Ru-98

MAT 4431

(n,n') 2α

44-Ru-98

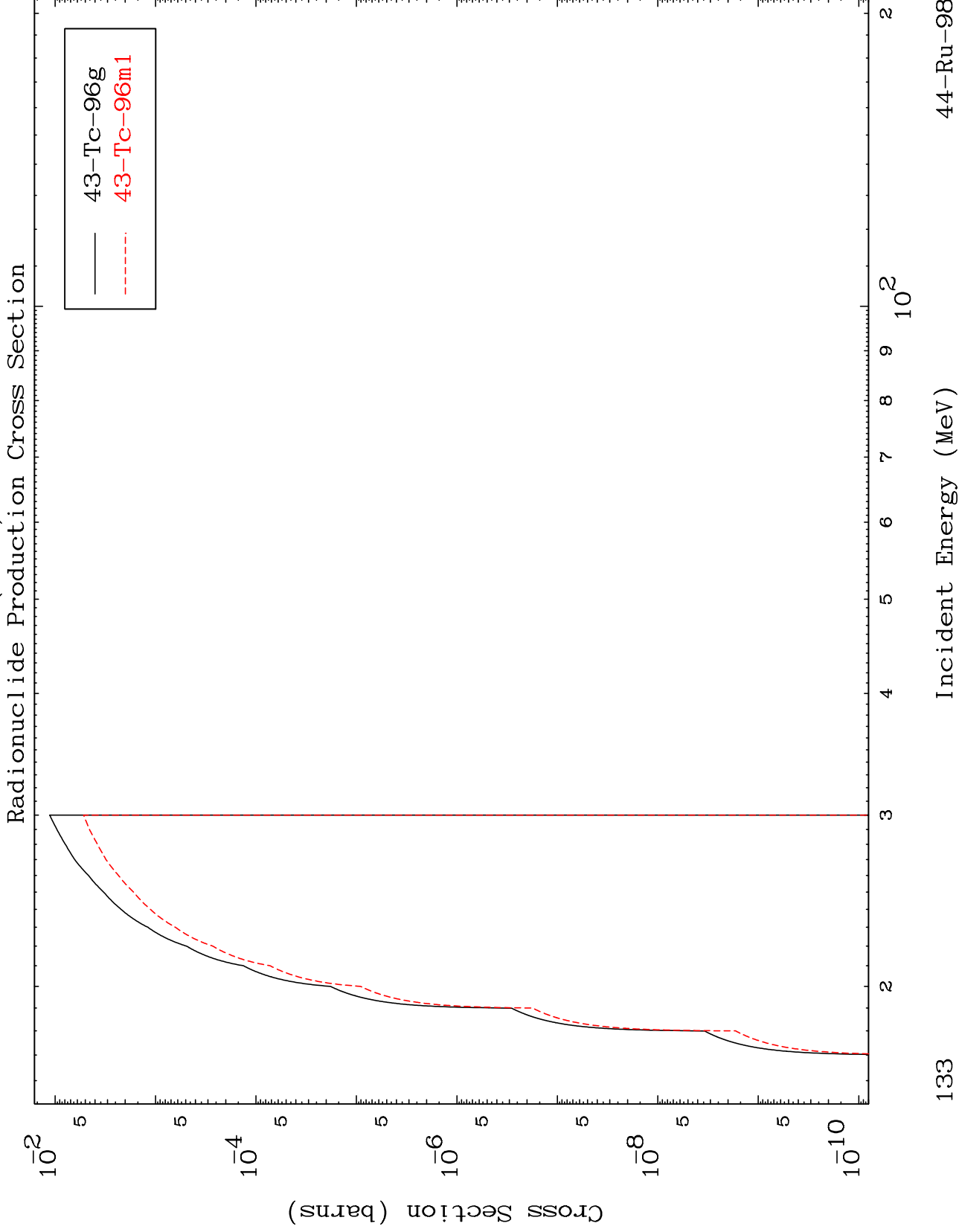
Radionuclide Production Cross Section

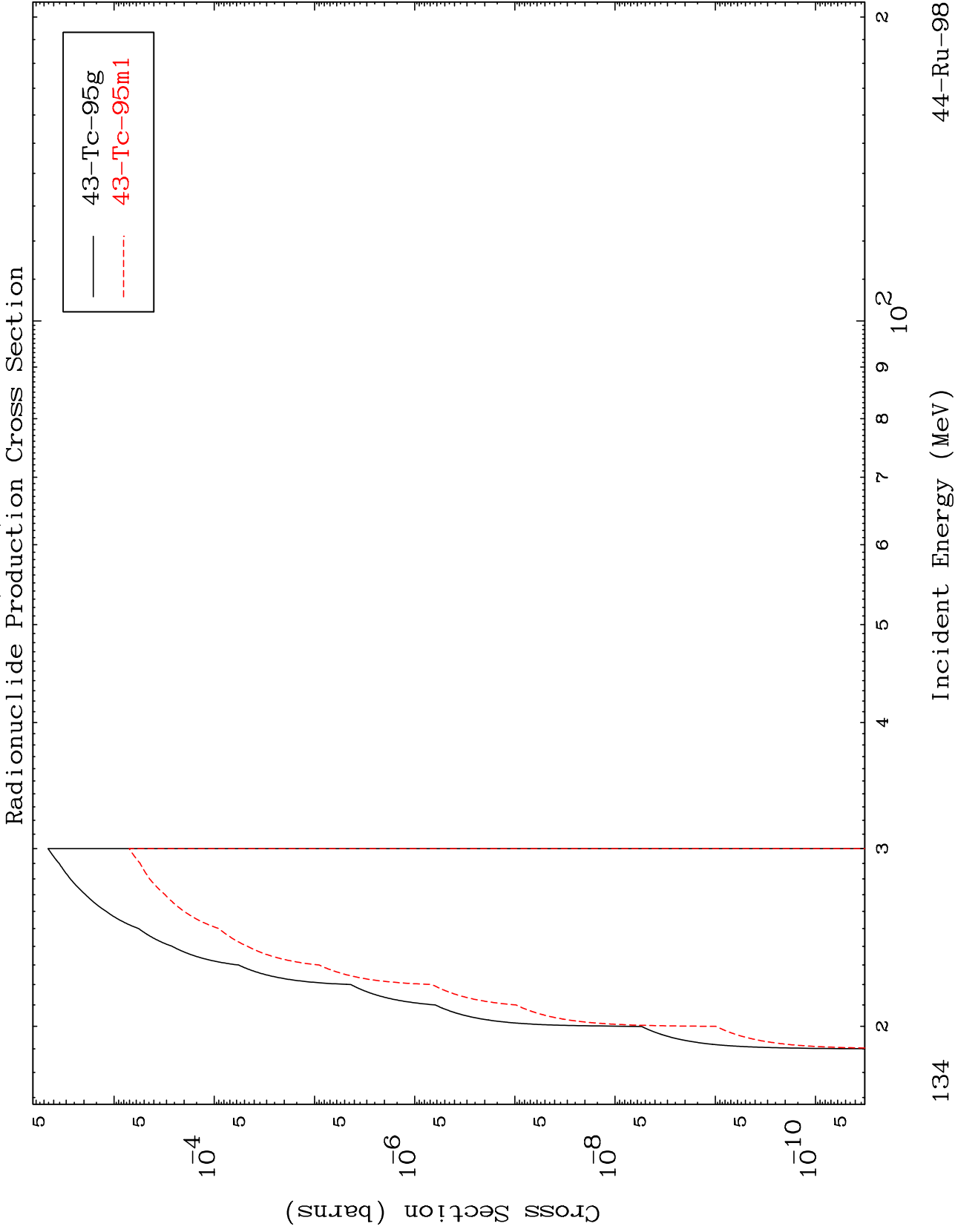


132

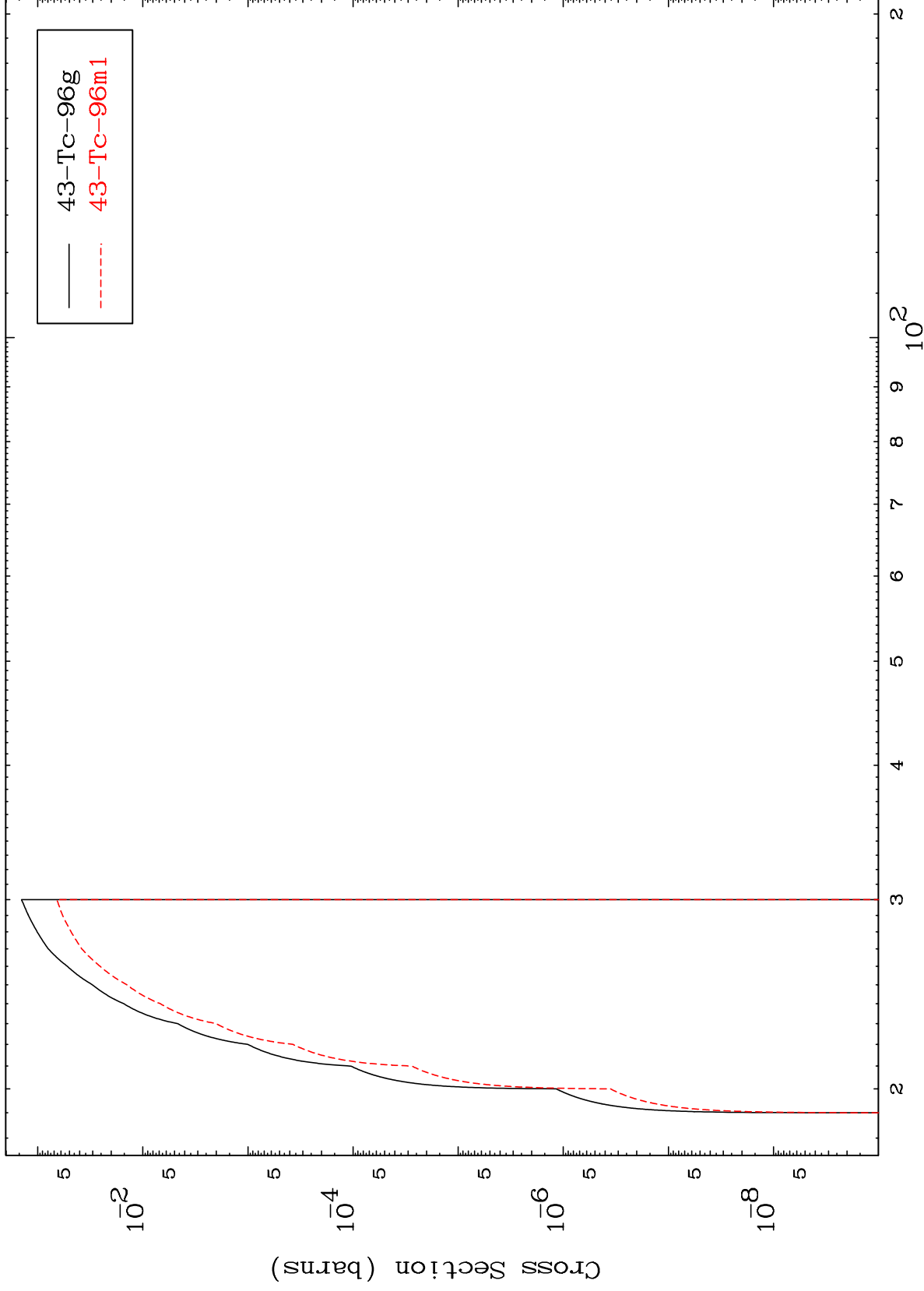
Incident Energy (MeV)

44-Ru-98



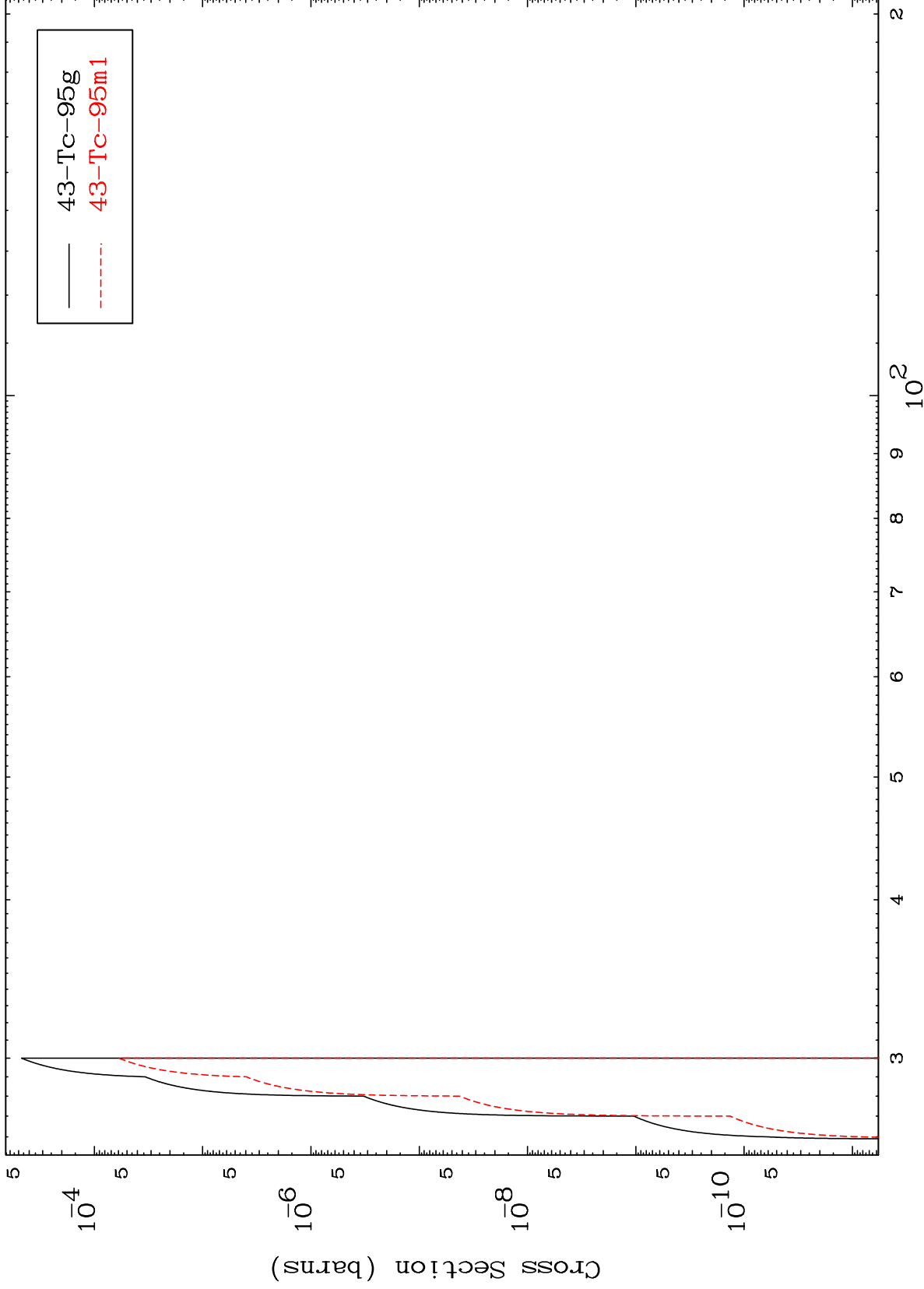


Radionuclide Production Cross Section

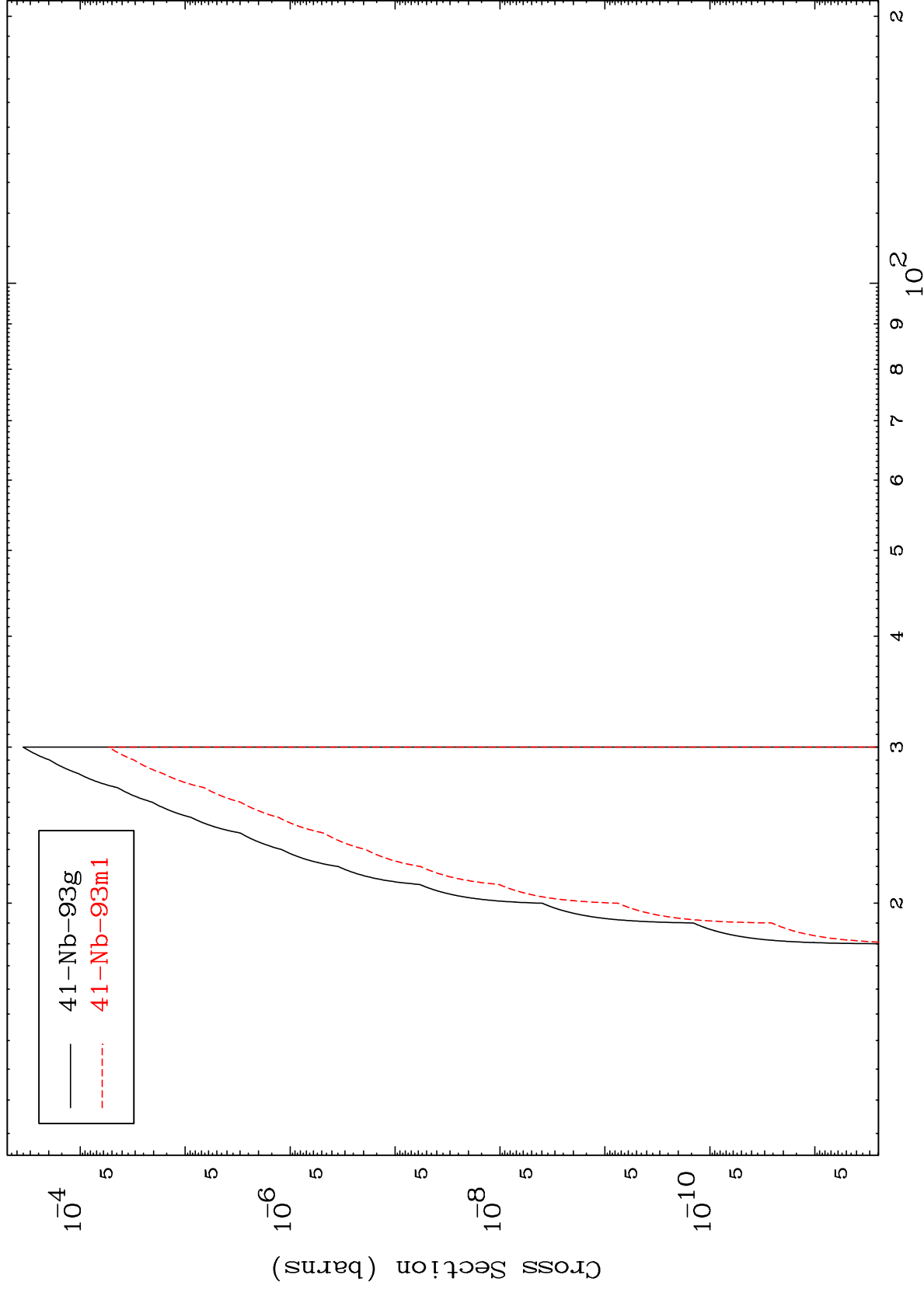




Radionuclide Production Cross Section



Radionuclide Production Cross Section

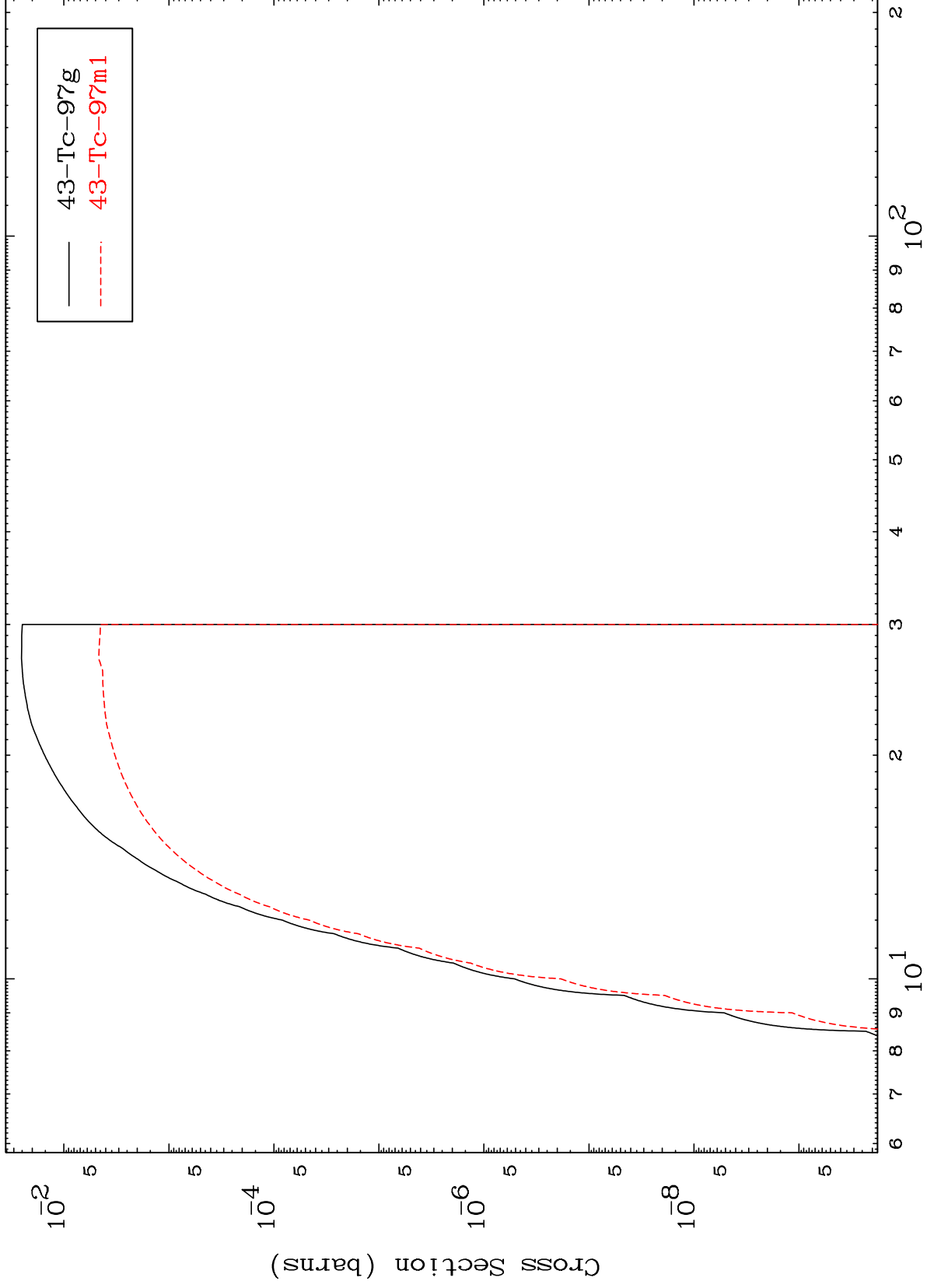


MAT 4431

(n,d)

44-Ru-98

Radionuclide Production Cross Section



138

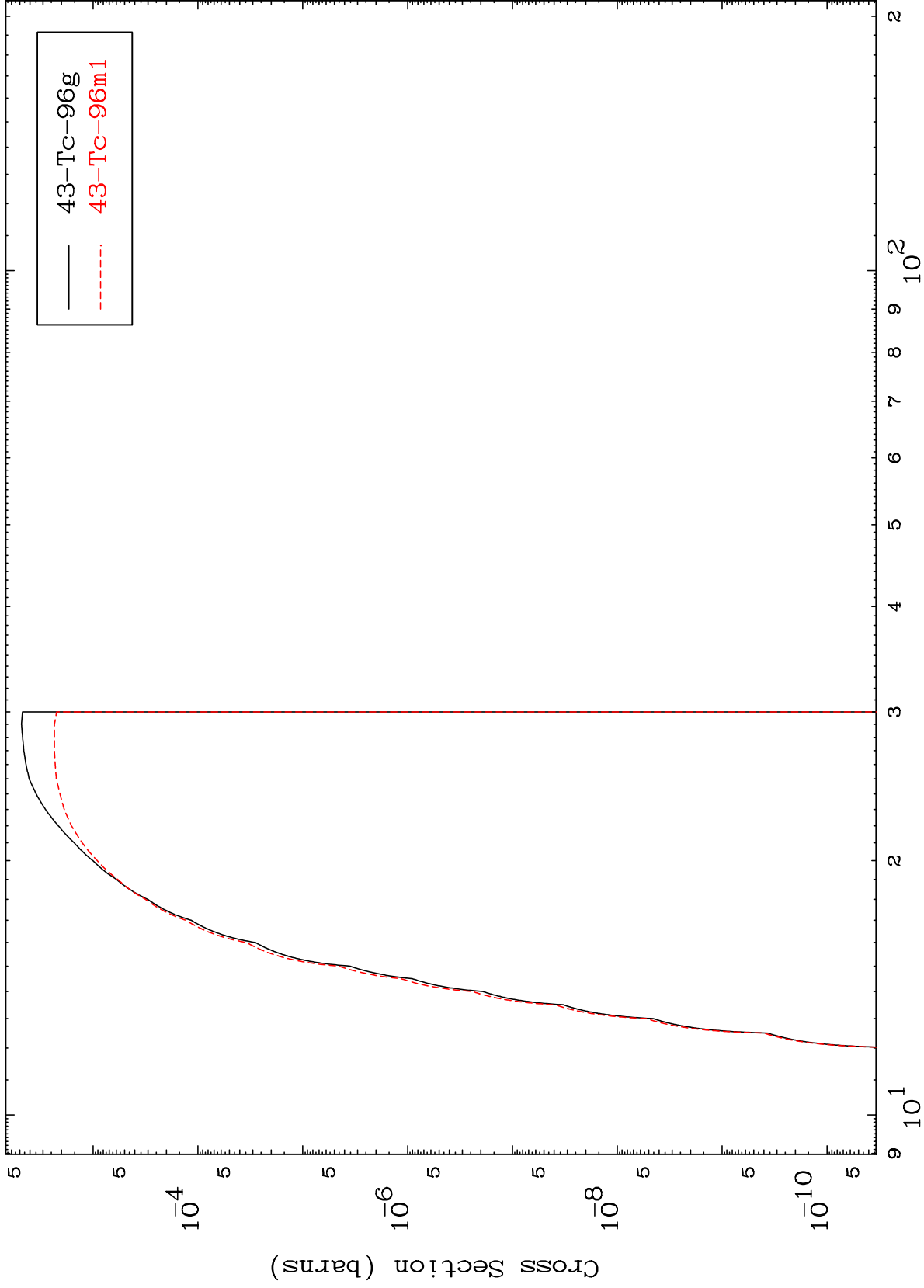
Incident Energy (MeV)

44-Ru-98

MAT 4431

44-Ru-98

(n, t)  
Radionuclide Production Cross Section



44-Ru-98

Incident Energy (MeV)

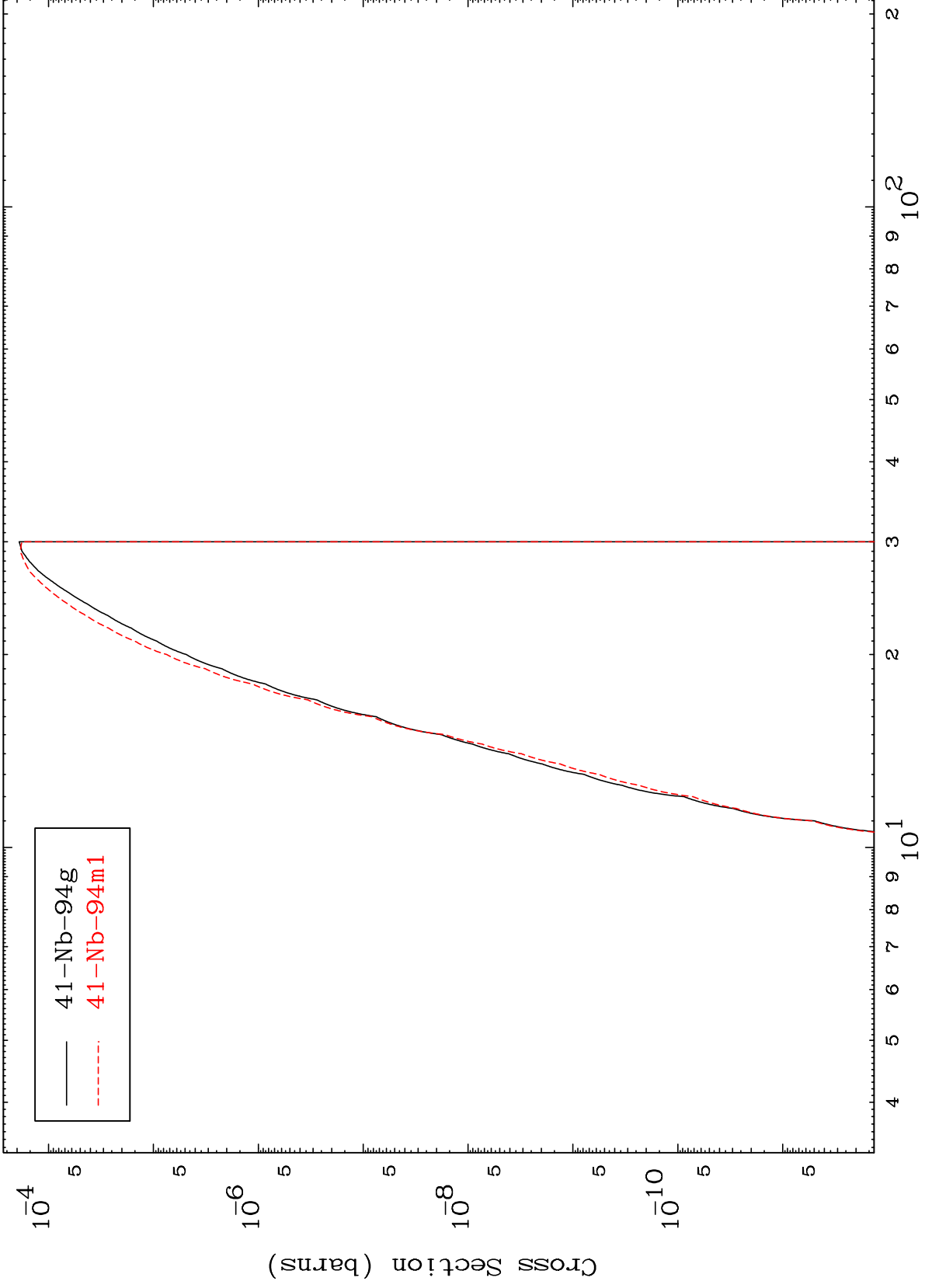
139

MAT 4431

(n,p)  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



140

Incident Energy (MeV)

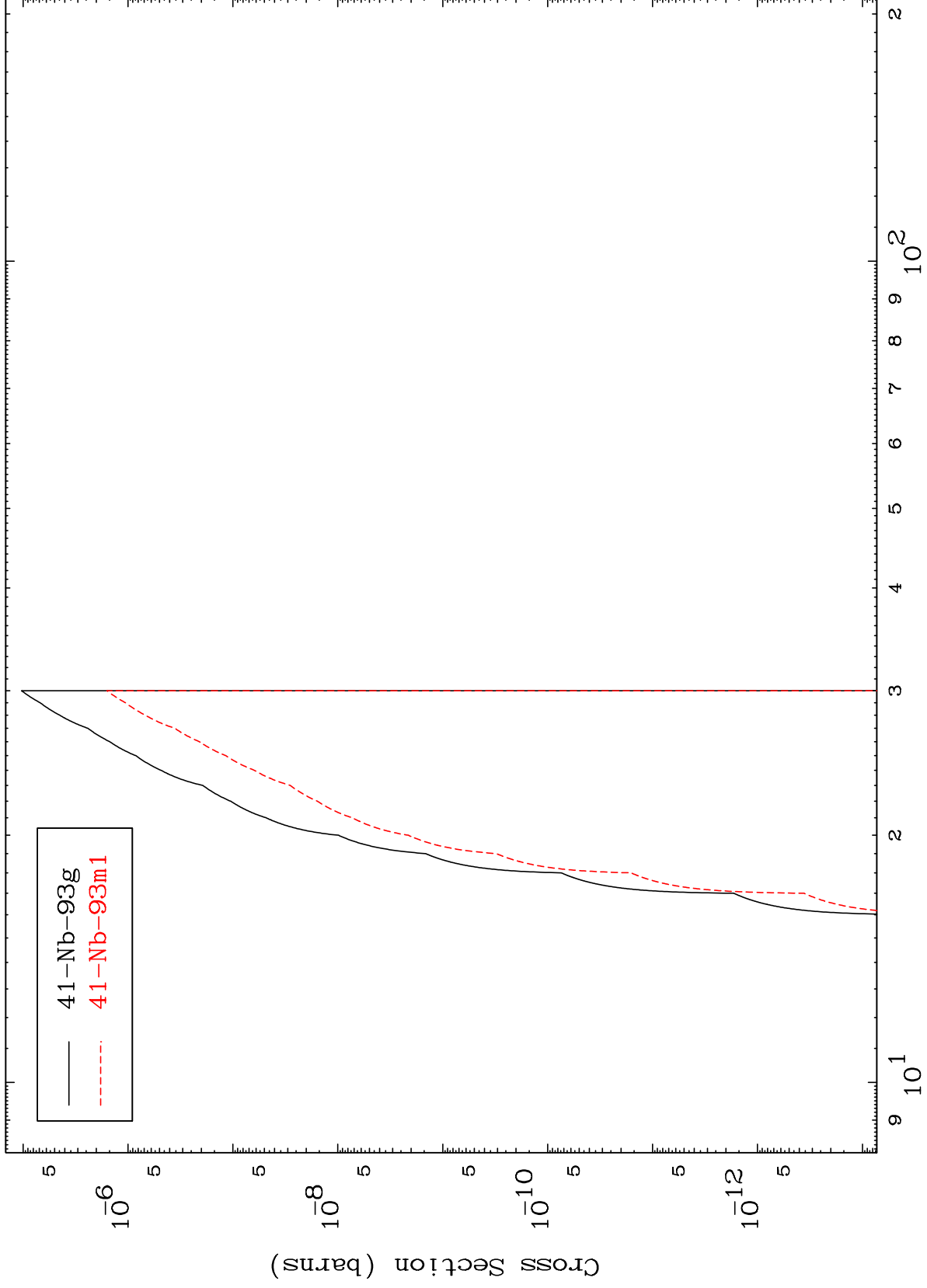
44-Ru-98

MAT 4431

(n,d)  $\alpha$

44-Ru-98

Radionuclide Production Cross Section



141

Incident Energy (MeV)

44-Ru-98