

Program EVALPLOT  
(Version 2015-2)

by

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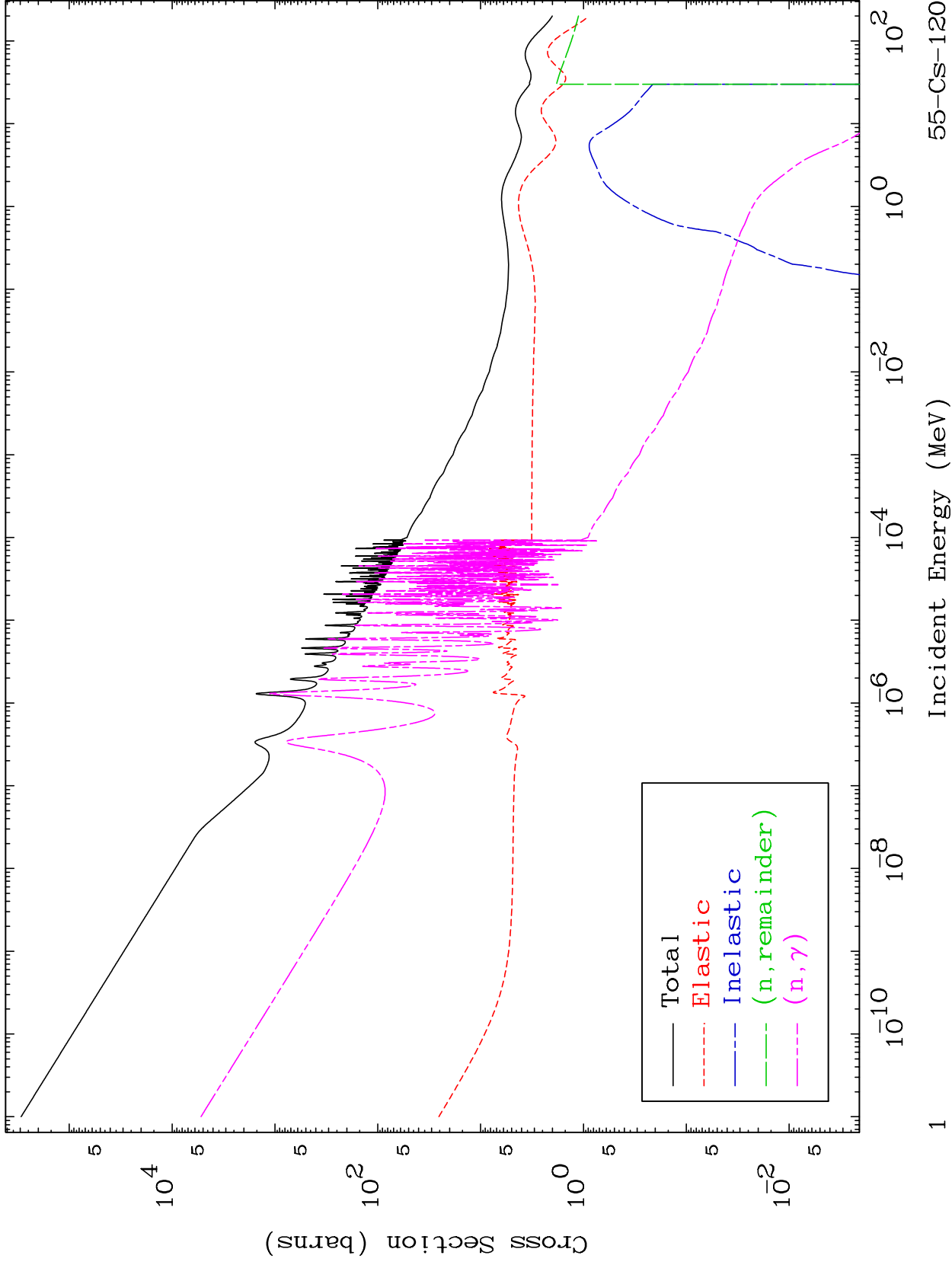
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5486

Major  
293 Kelvin Cross Sections

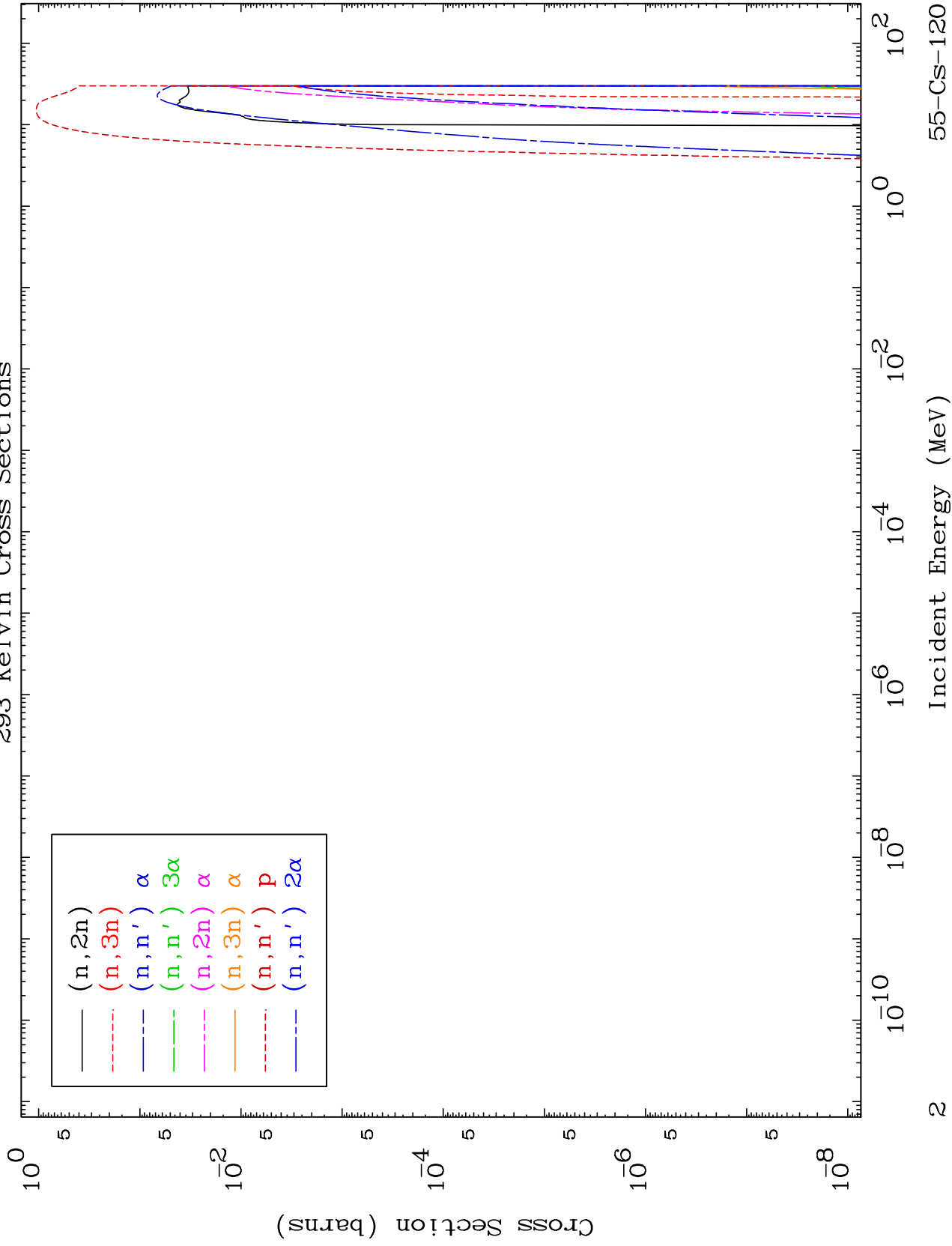
55-Cs-120

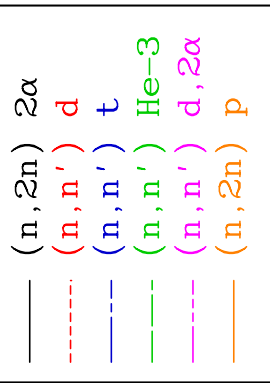
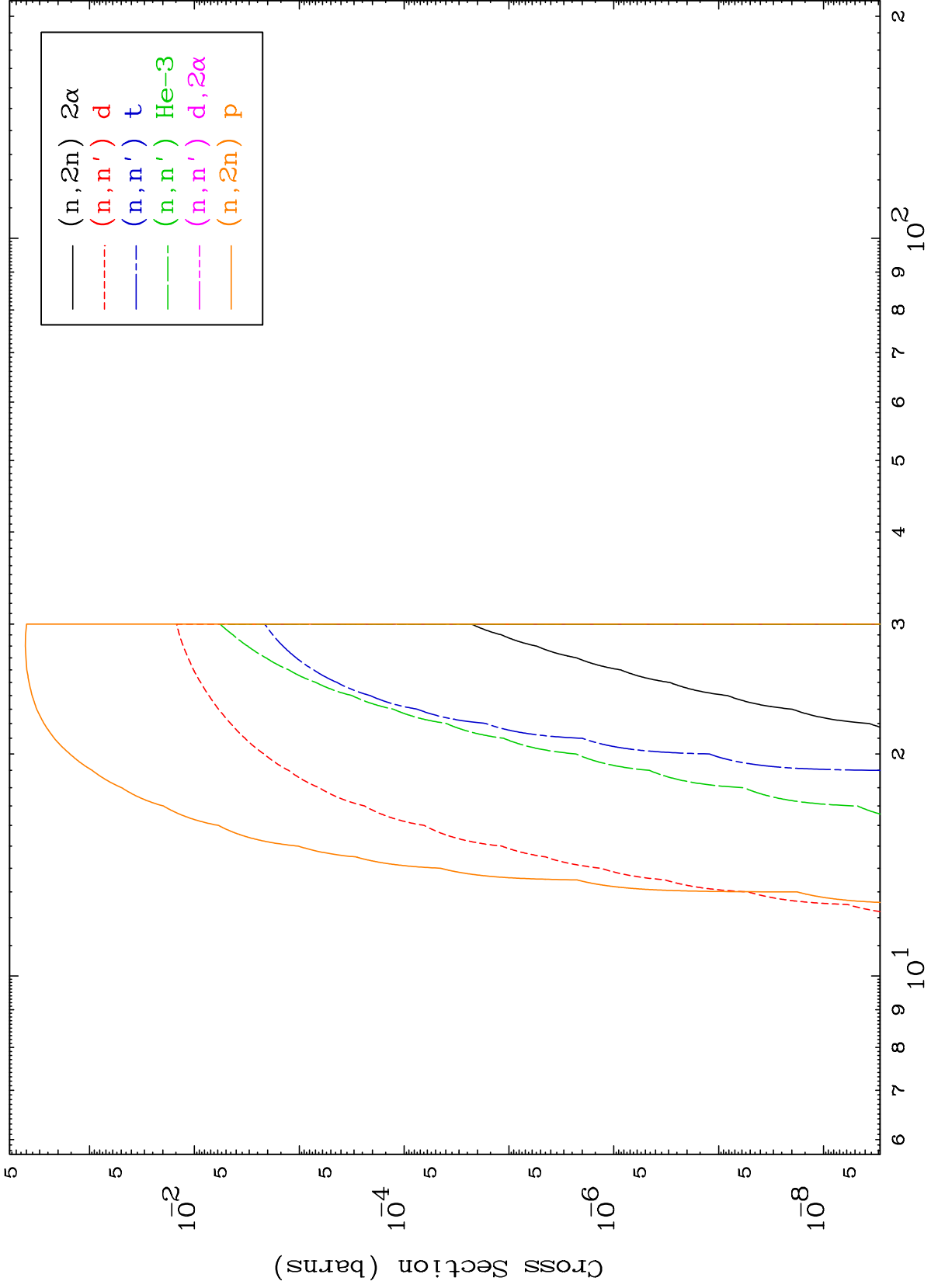


MAT 5486

Neutron Production  
293 Kelvin Cross Sections

55-Cs-120

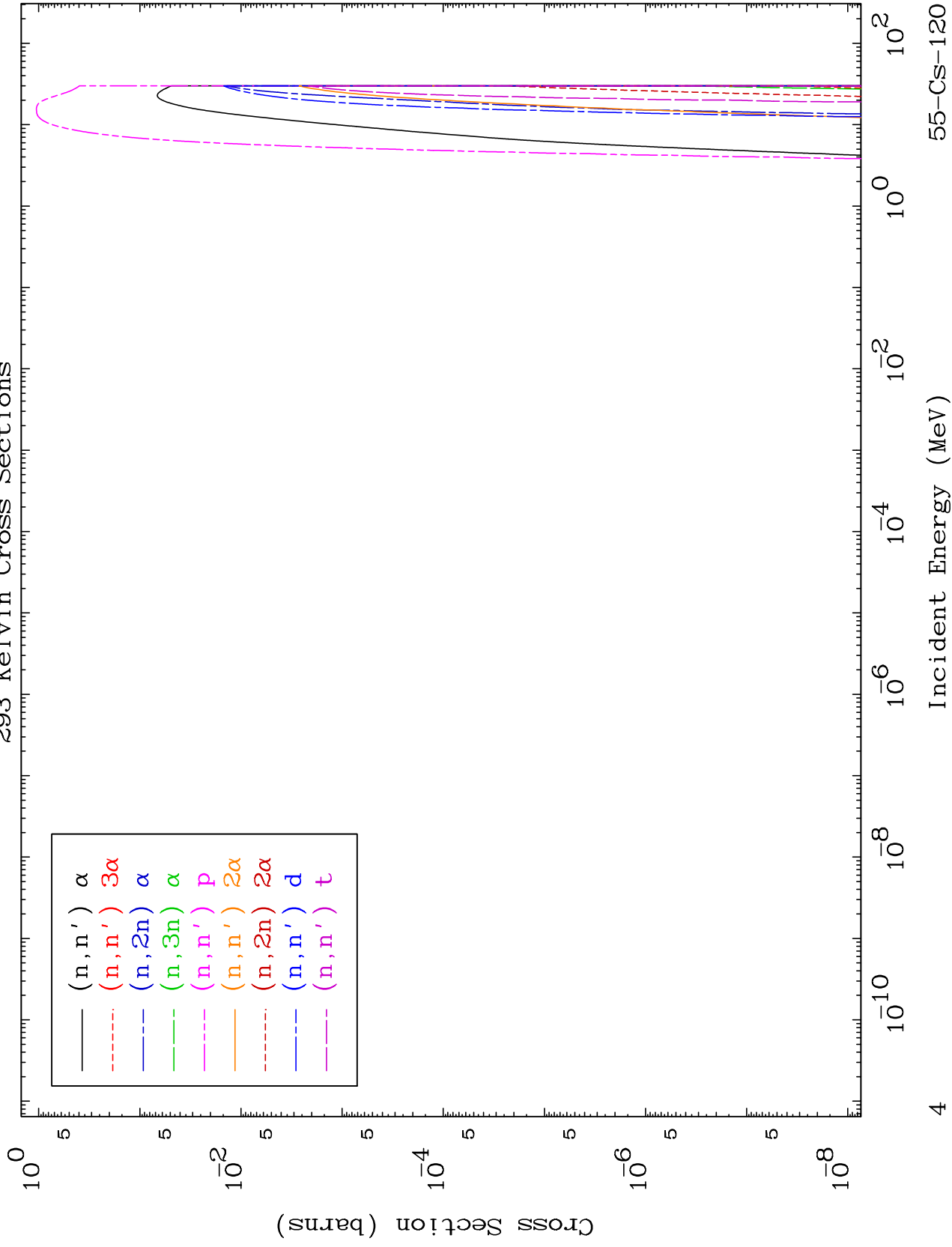


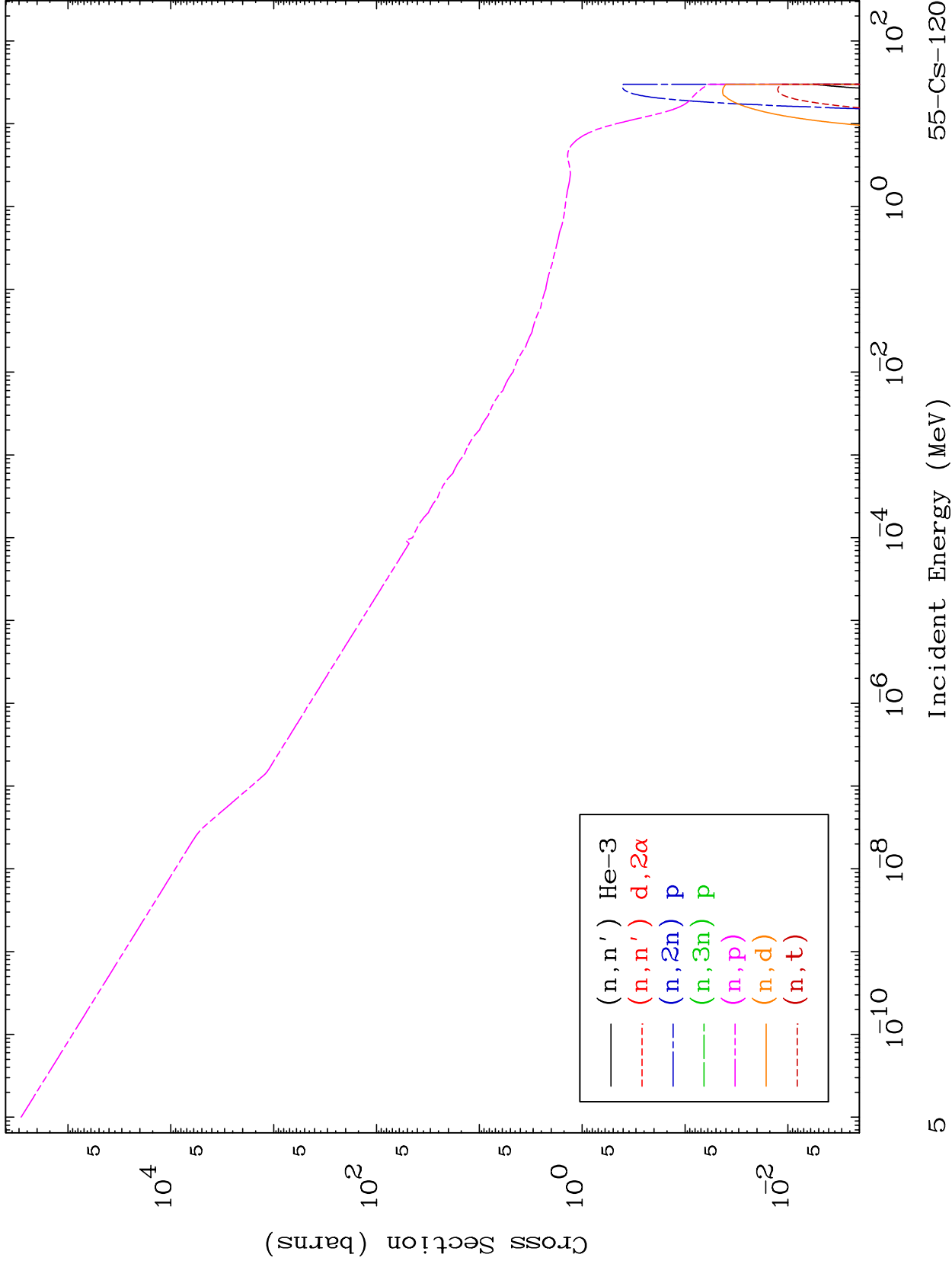


MAT 5486

Charged Particle  
293 Kelvin Cross Sections

55-Cs-120

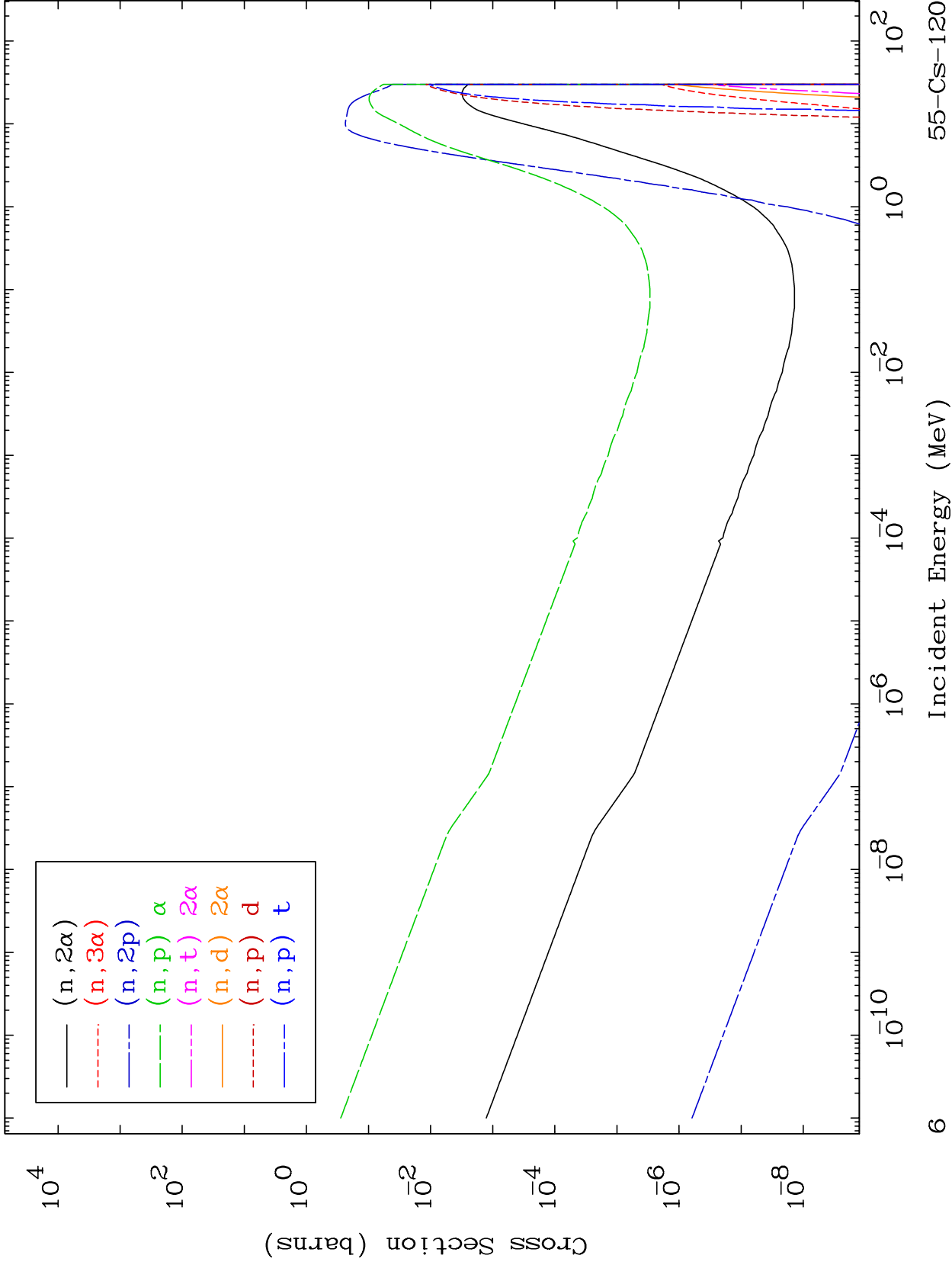




MAT 5486

Charged Particle  
293 Kelvin Cross Sections

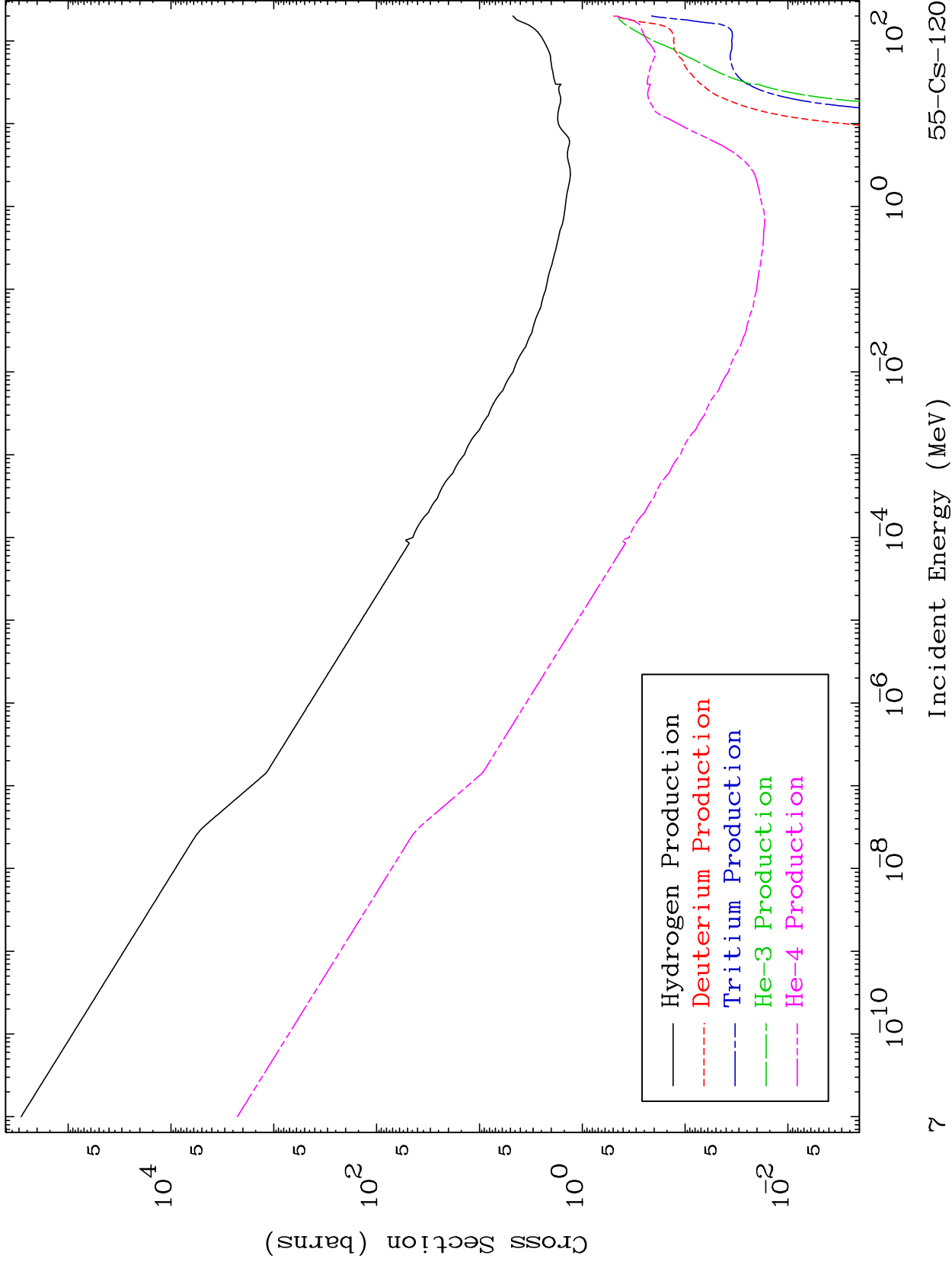
55-Cs-120



MAT 5486

Particle Production  
293 Kelvin Cross Sections

55-Cs-120

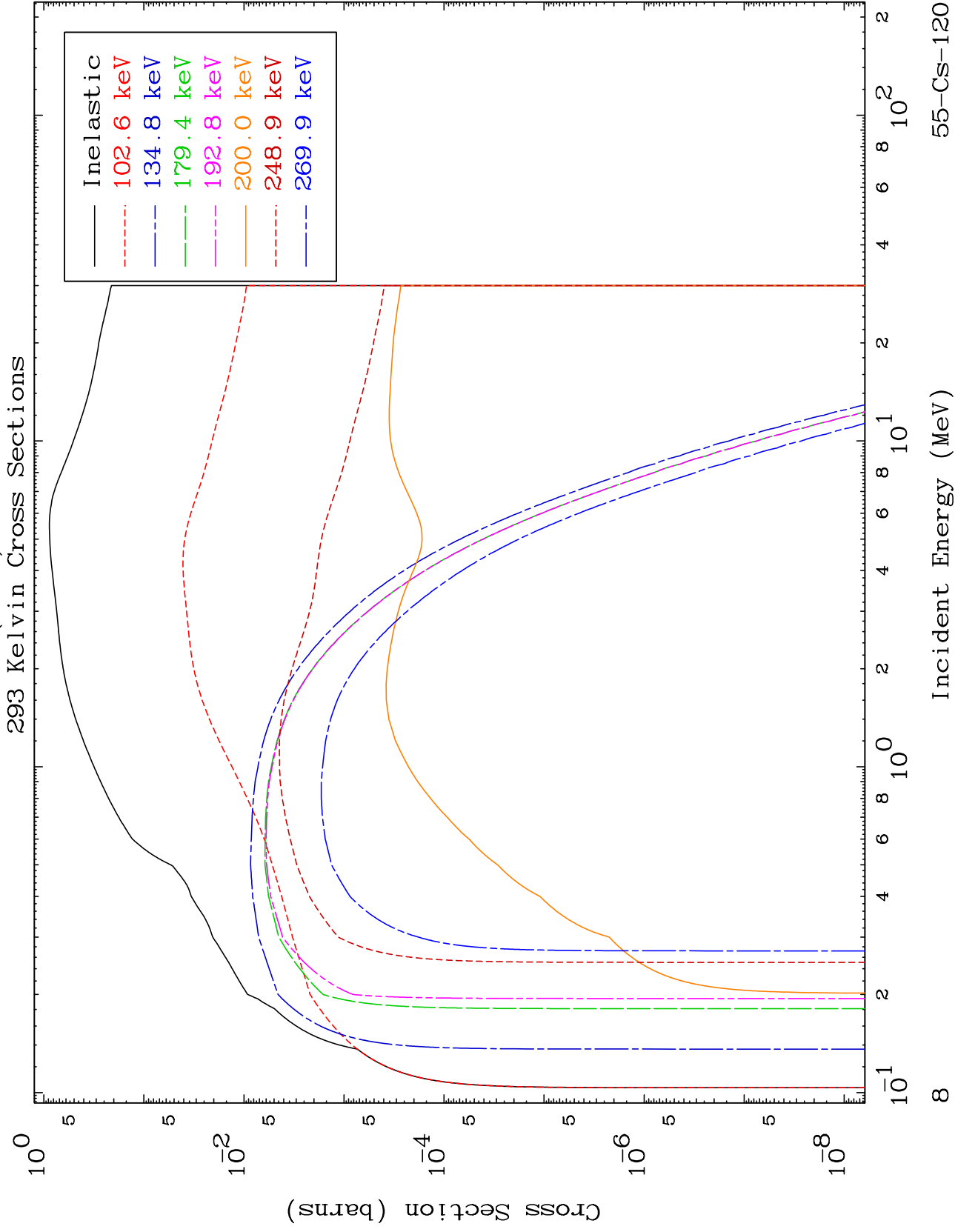




MAT 5486

(n,n') Level

55-Cs-120



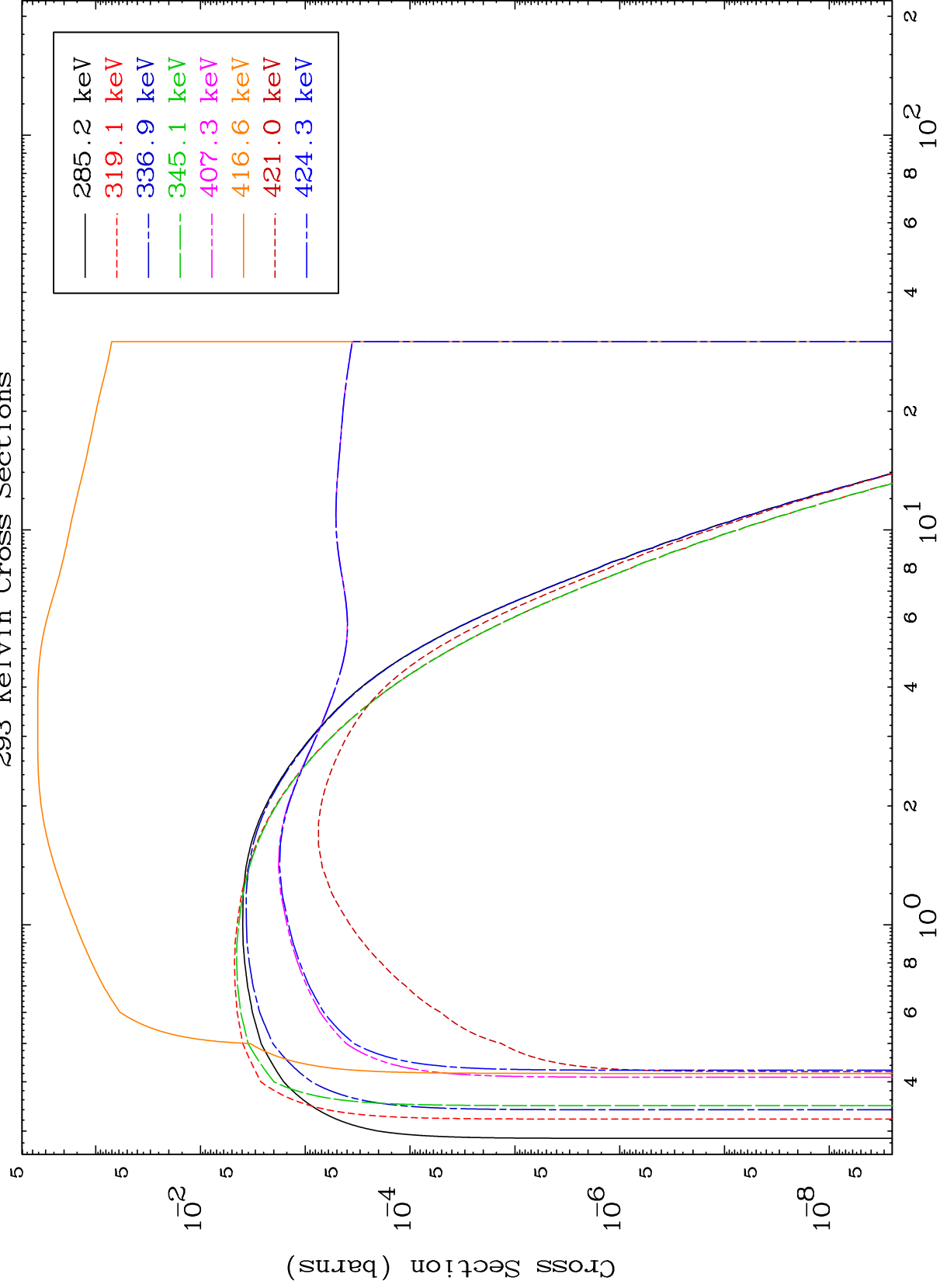
8

MAT 5486

(n,n') Level

55-Cs-120

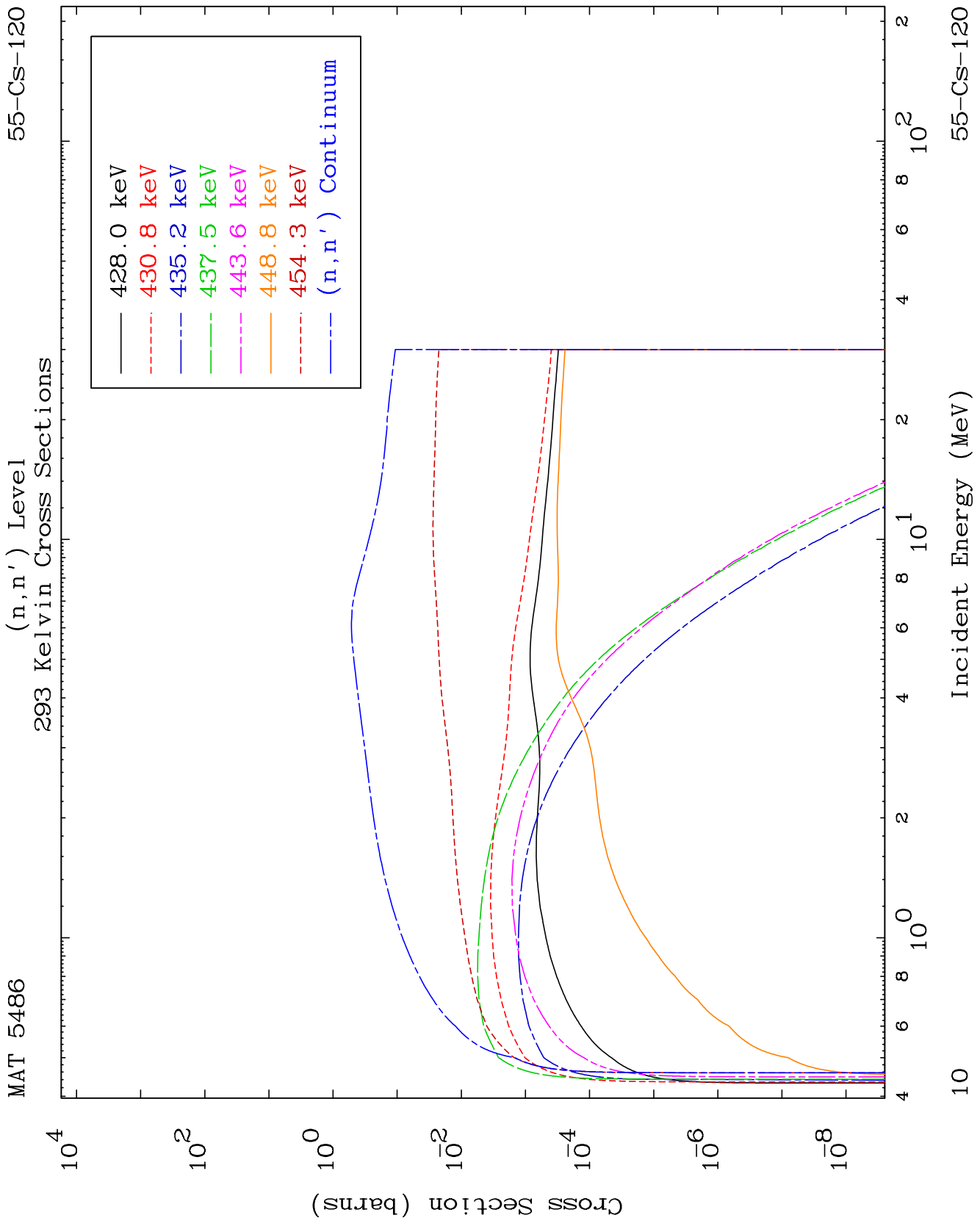
293 Kelvin Cross Sections



9

Incident Energy (MeV)

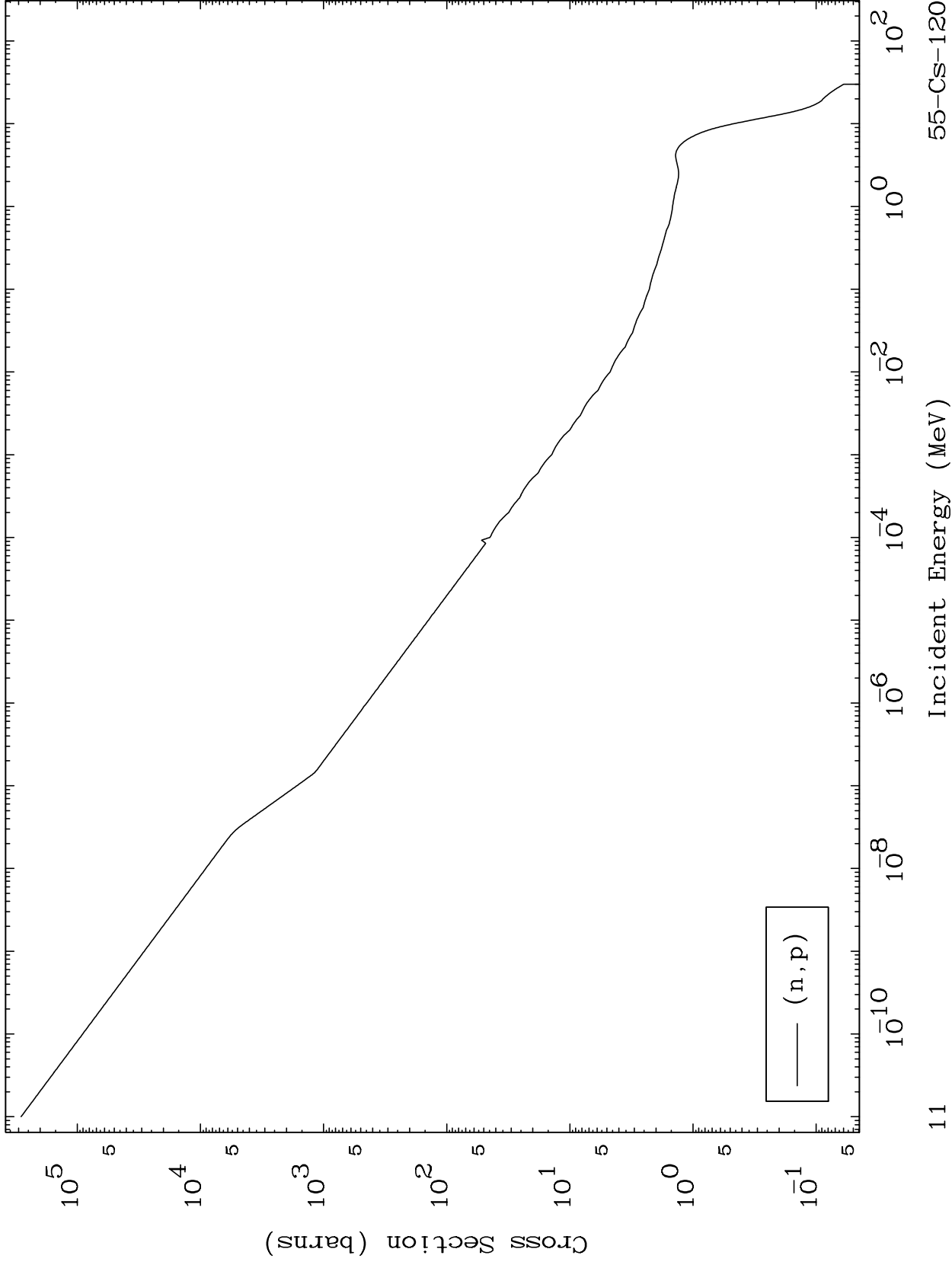
55-Cs-120



MAT 5486

(n,p) Levels  
293 Kelvin Cross Sections

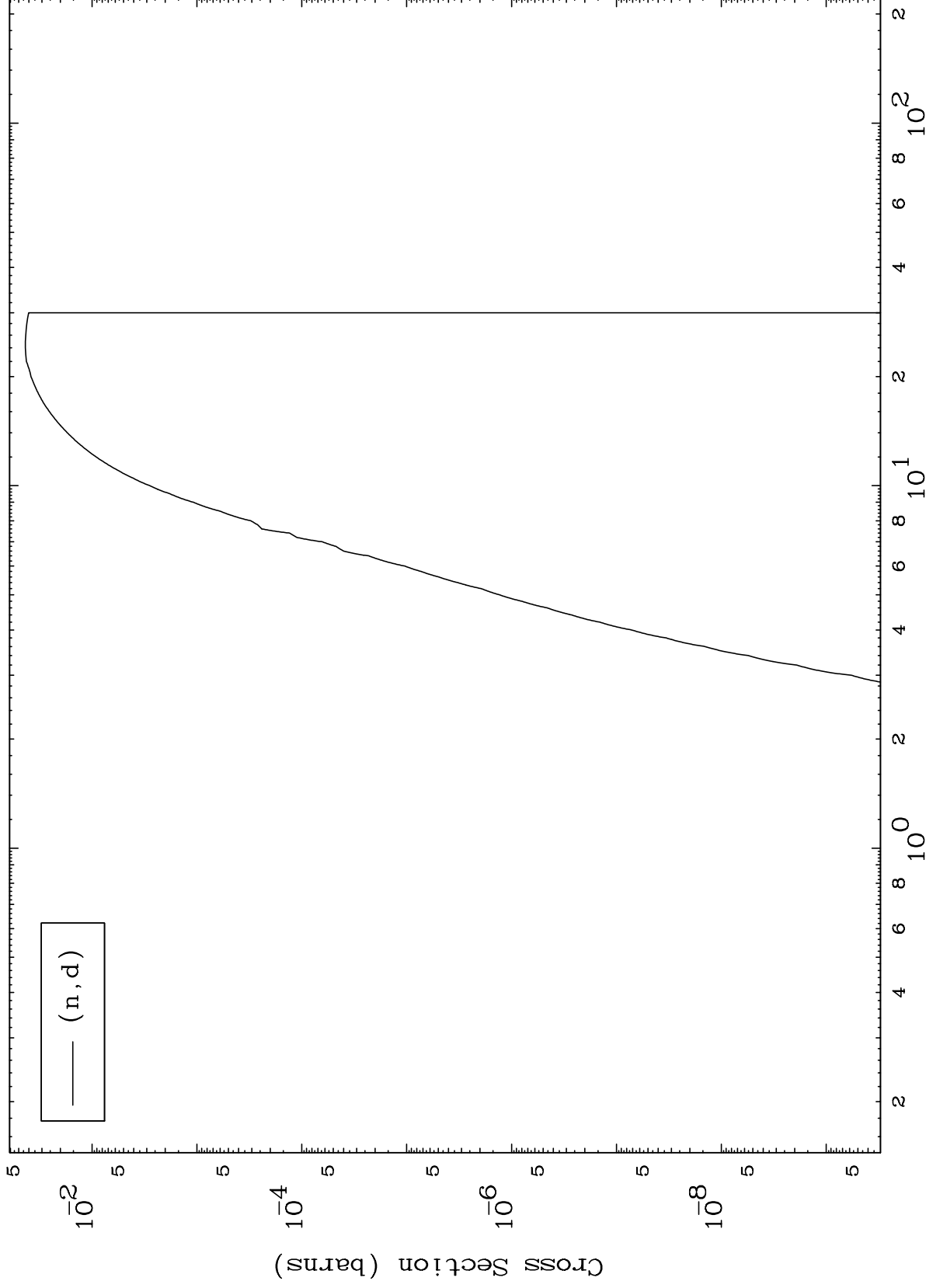
55-Cs-120



MAT 5486

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-120



(n,d)

Incident Energy (MeV)

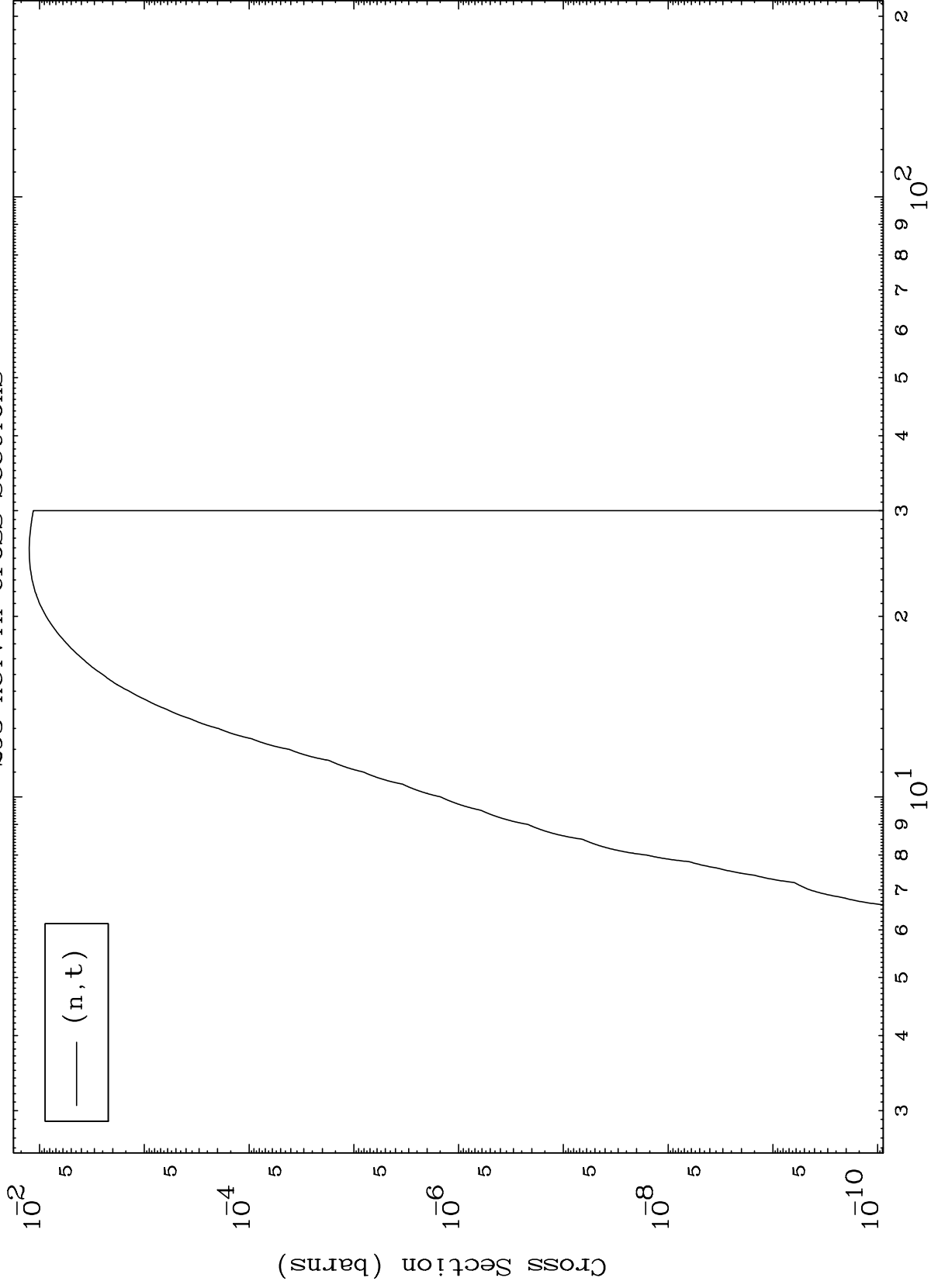
55-Cs-120

12

MAT 5486

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-120



13

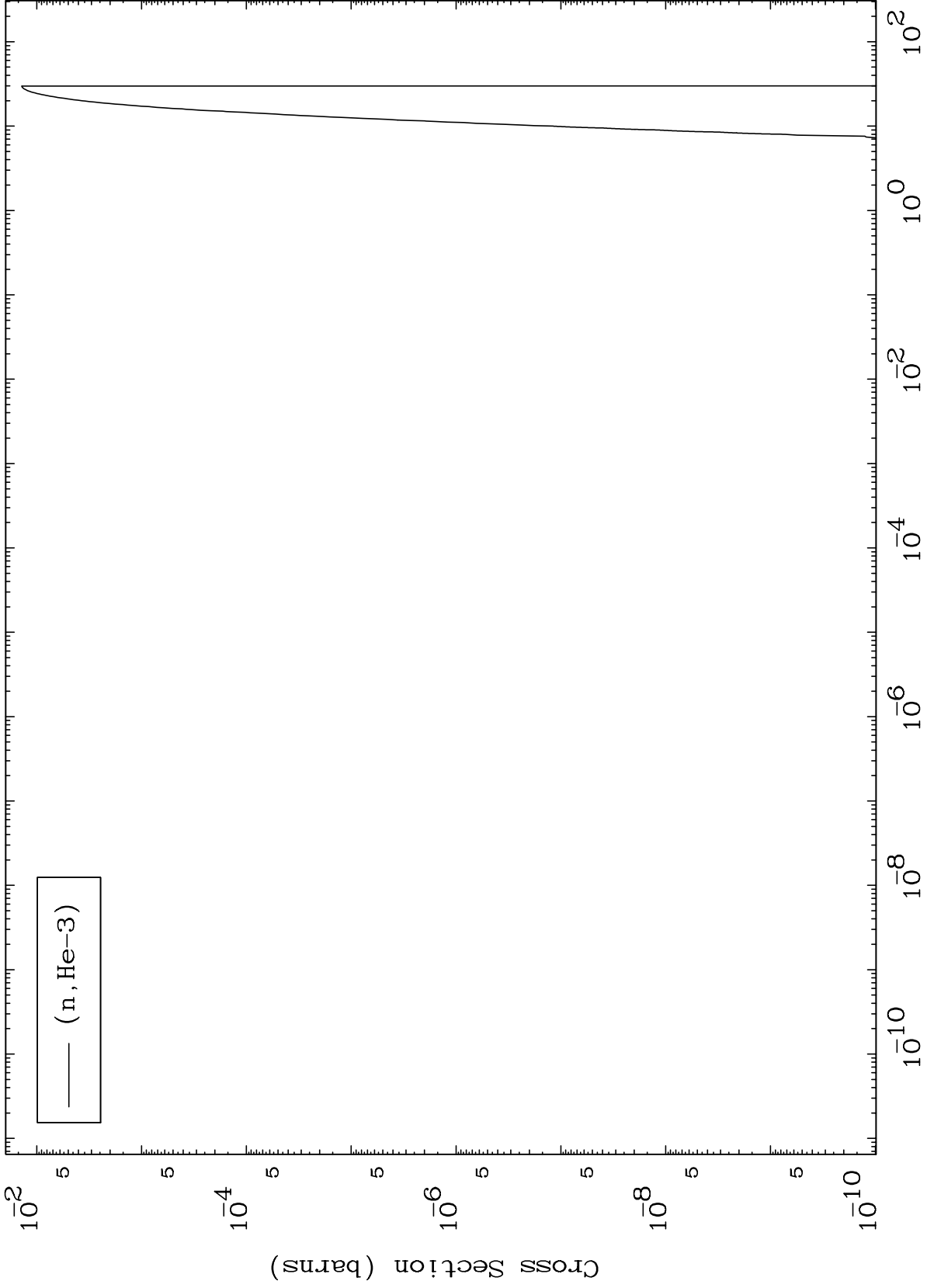
Incident Energy (MeV)

55-Cs-120

MAT 5486

(n,He3) Levels  
293 Kelvin Cross Sections

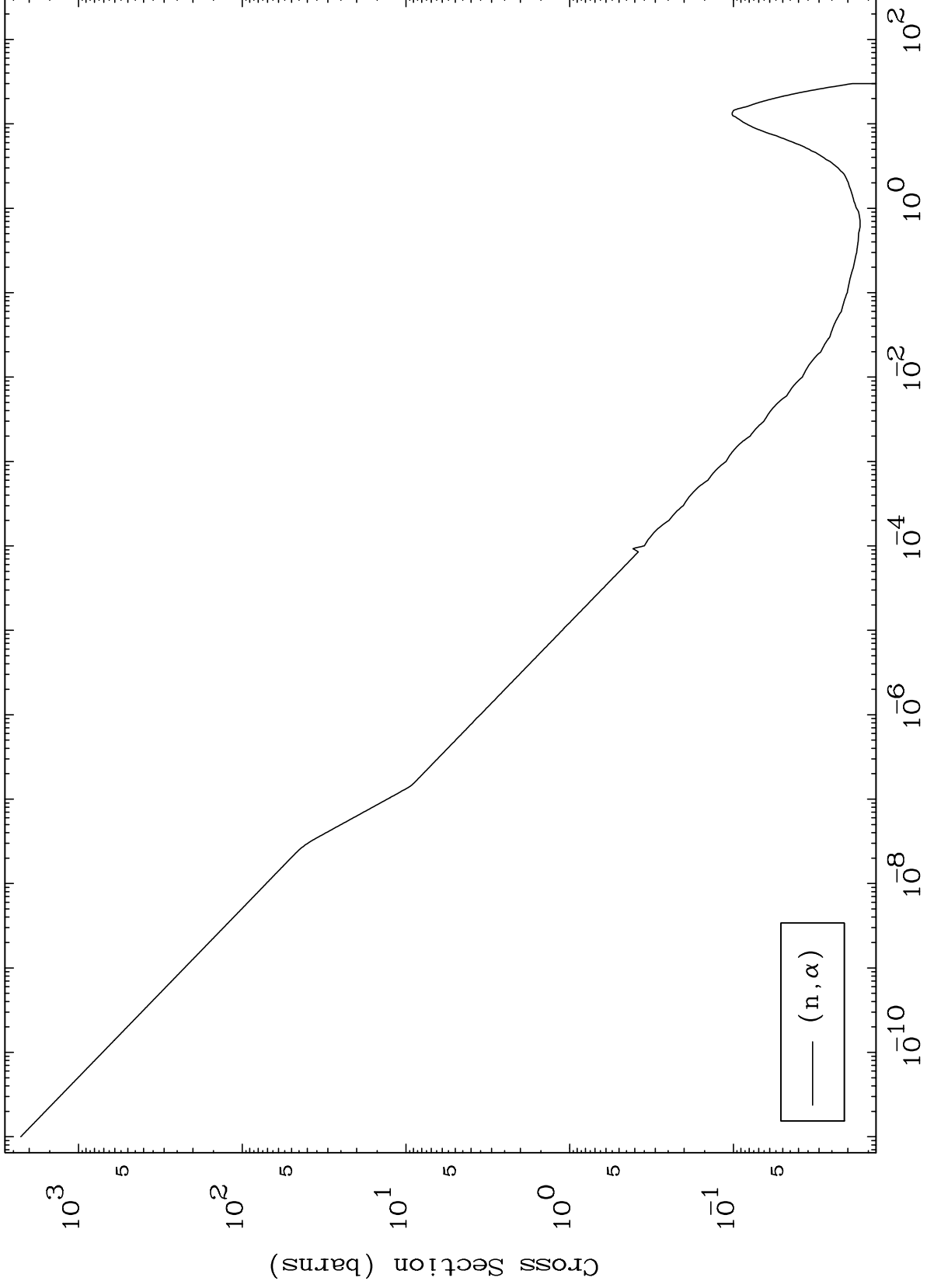
55-Cs-120



MAT 5486

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

55-Cs-120

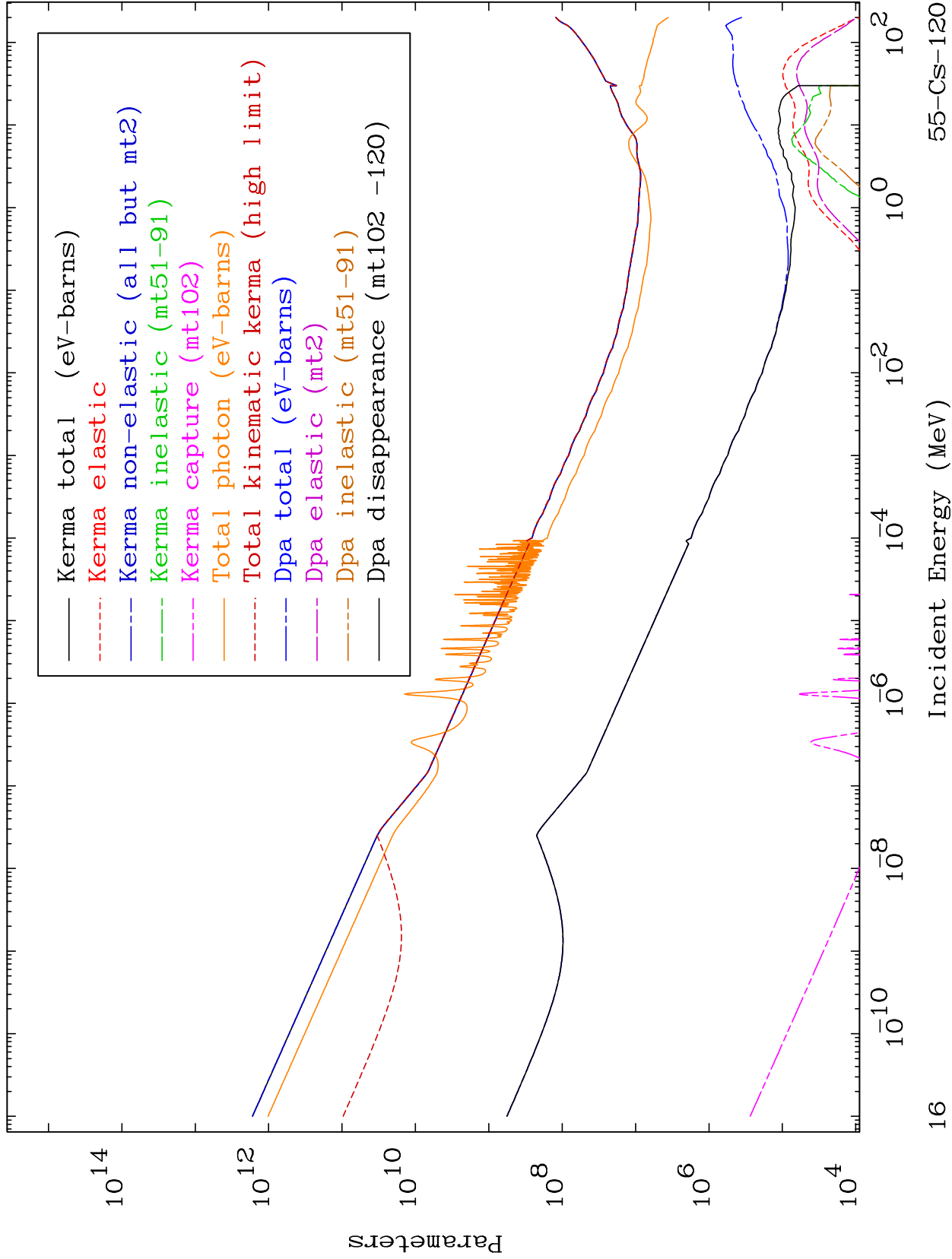


15

Incident Energy (MeV)

55-Cs-120

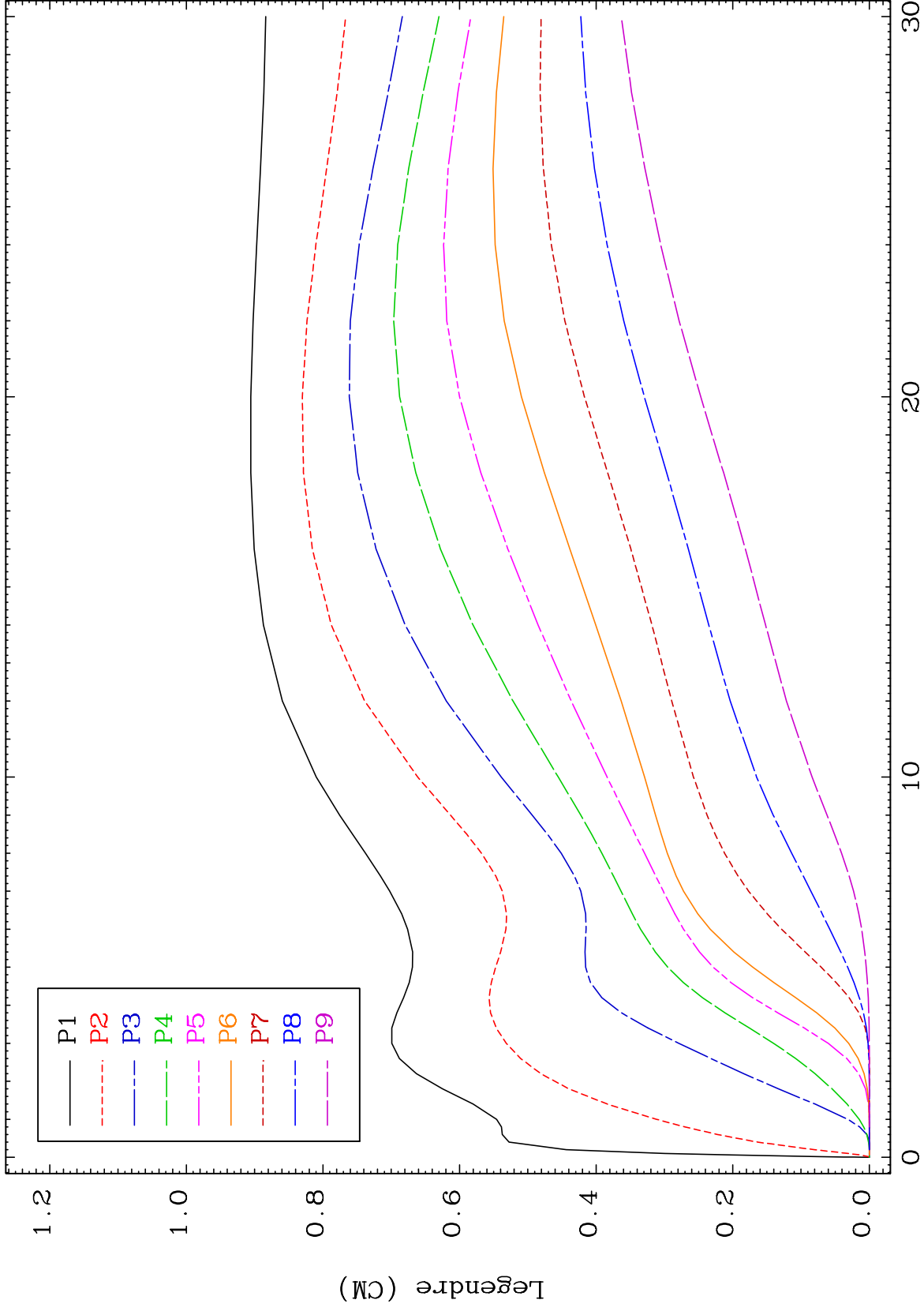




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Elastic Legendre Coefficients

55-Cs-120



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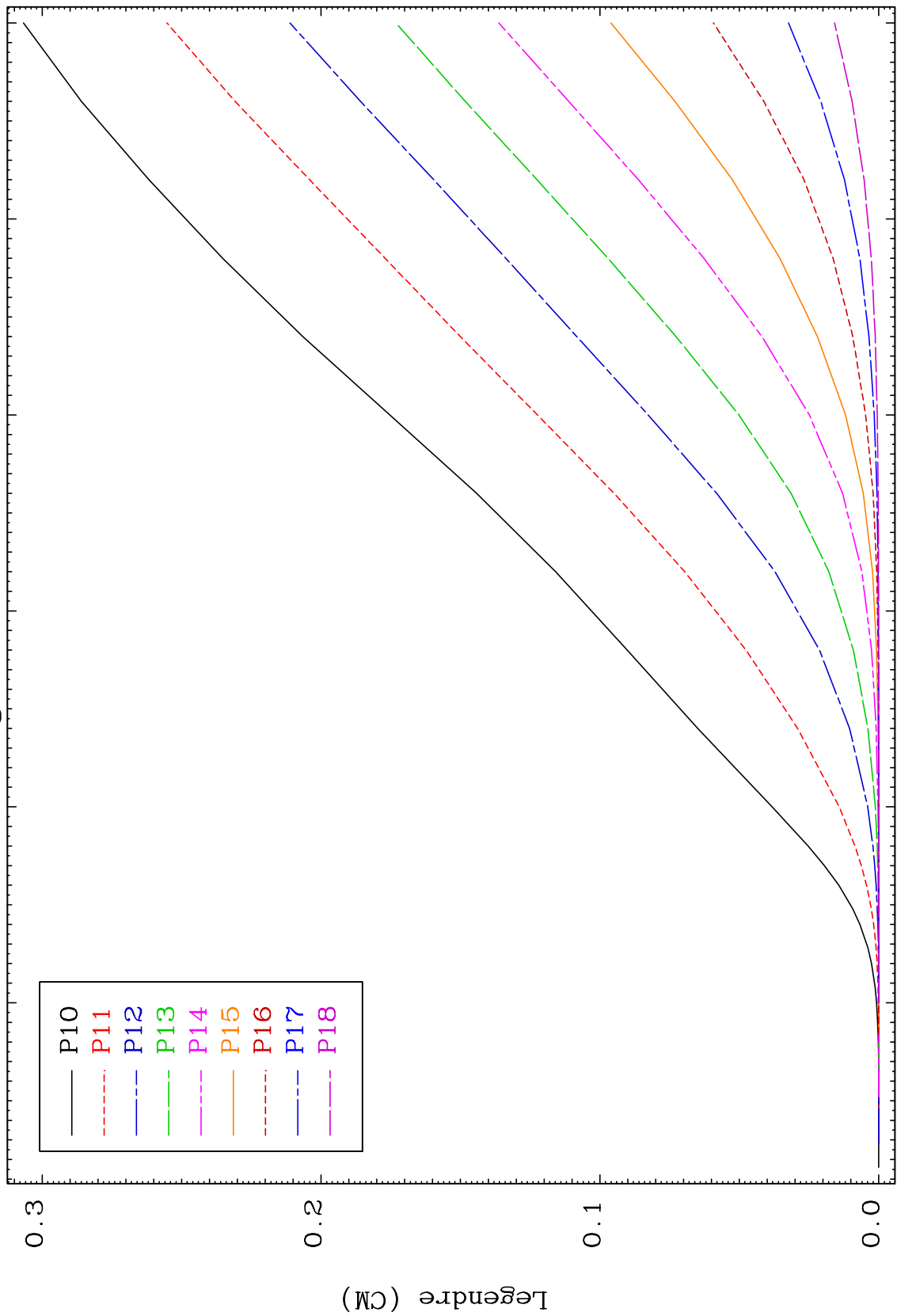
Incident Energy (MeV)

55-Cs-120

MAT 5486

Elastic Legendre Coefficients

55-Cs-120



18

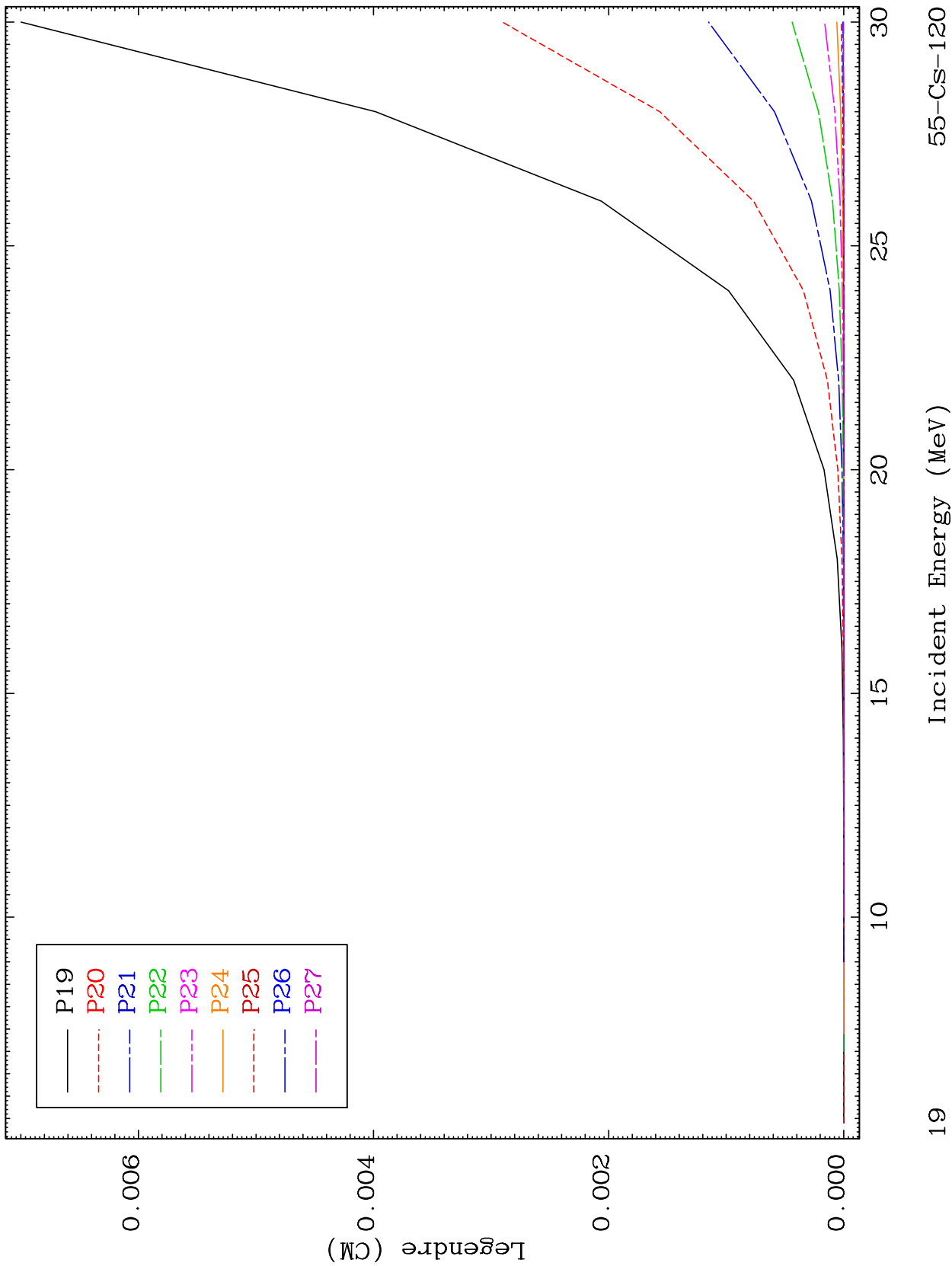
Incident Energy (MeV)

55-Cs-120

MAT 5486

### Elastic Legendre Coefficients

55-Cs-120



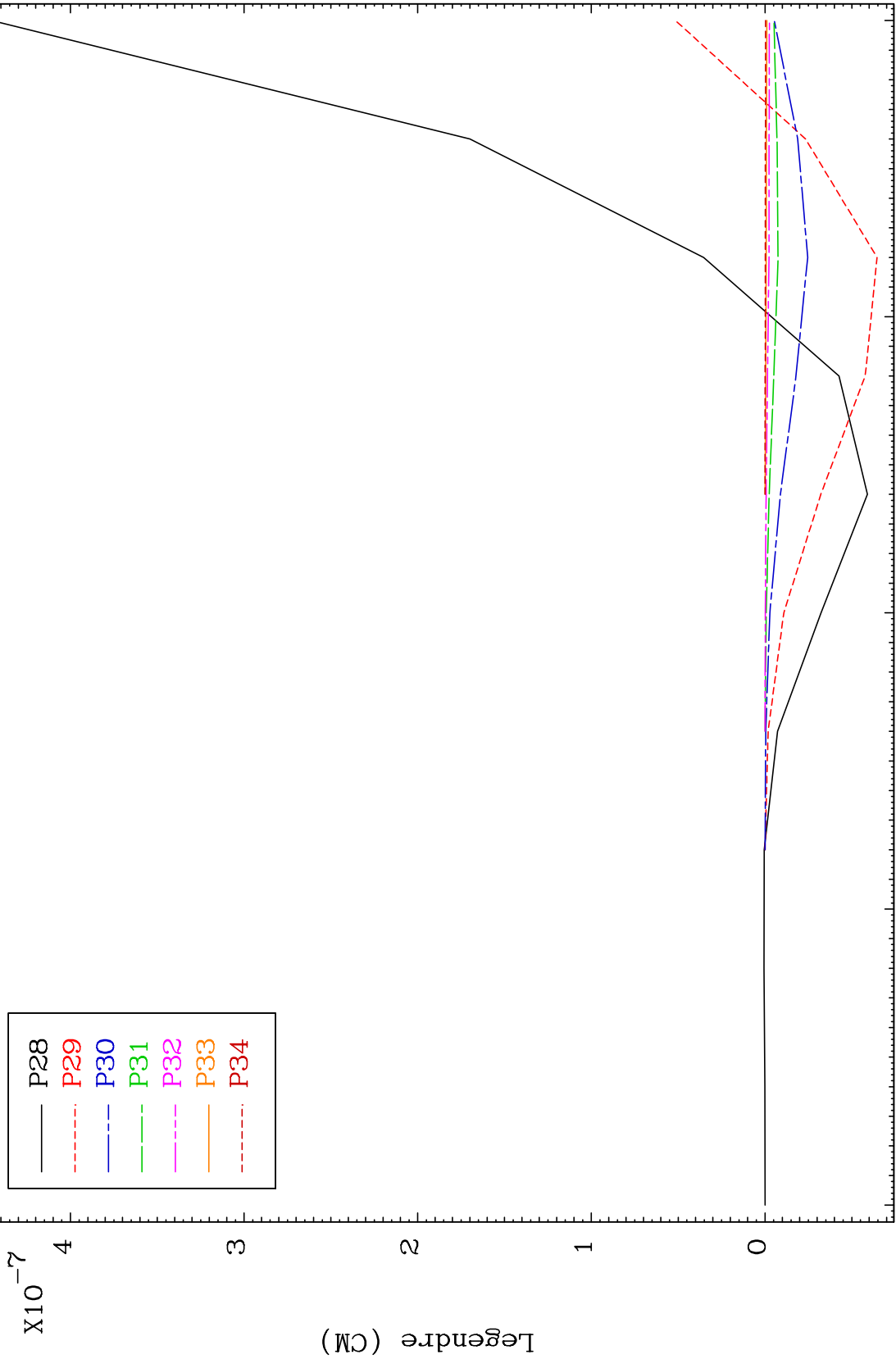
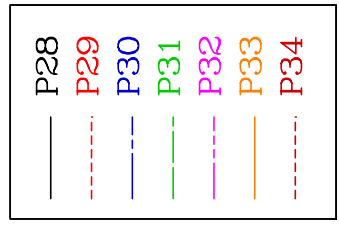
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55-Cs-120

MAT 5486

Elastic Legendre Coefficients

55-Cs-120



20

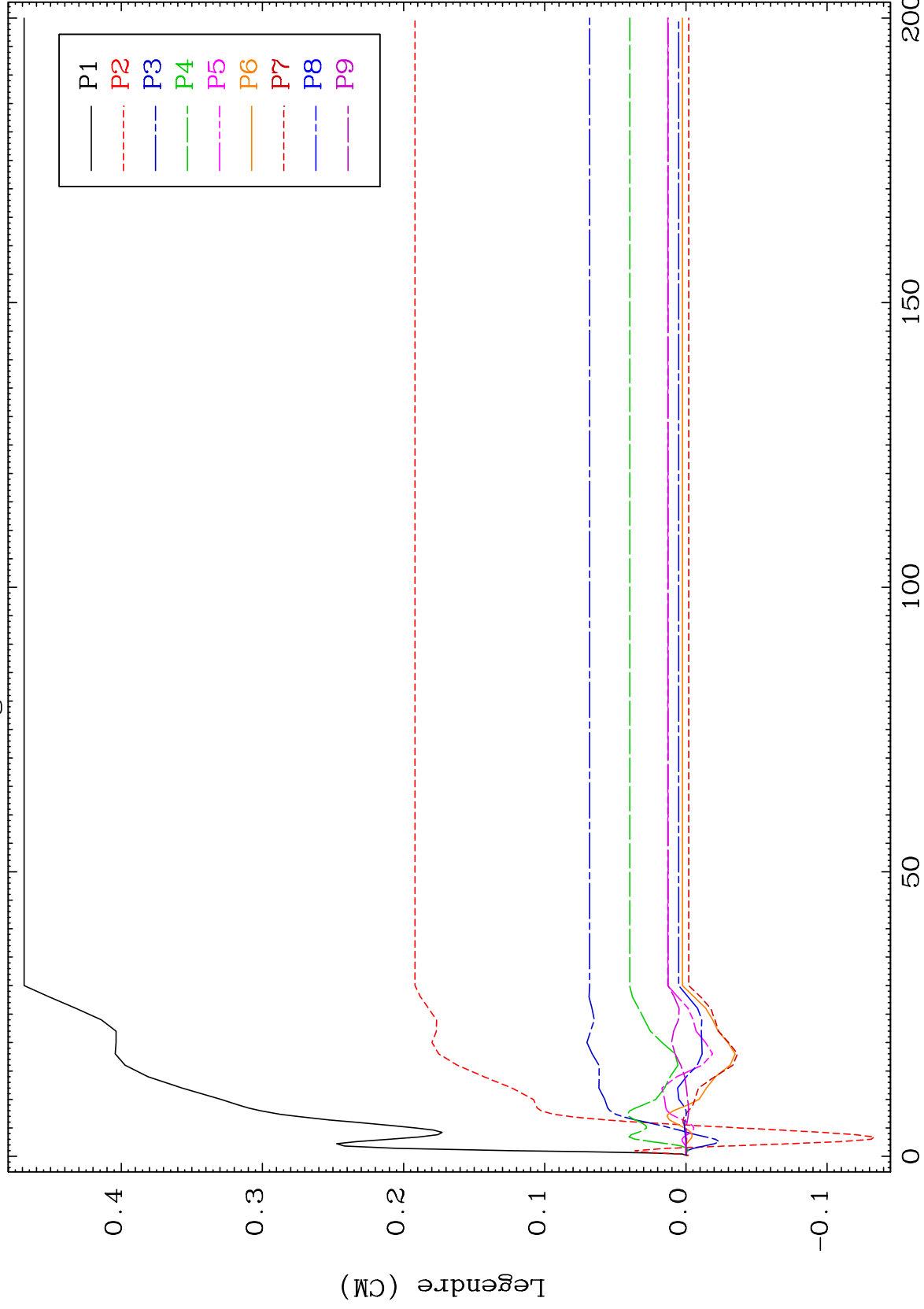
Incident Energy (MeV)

55-Cs-120

MAT 5486

102.6 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



21

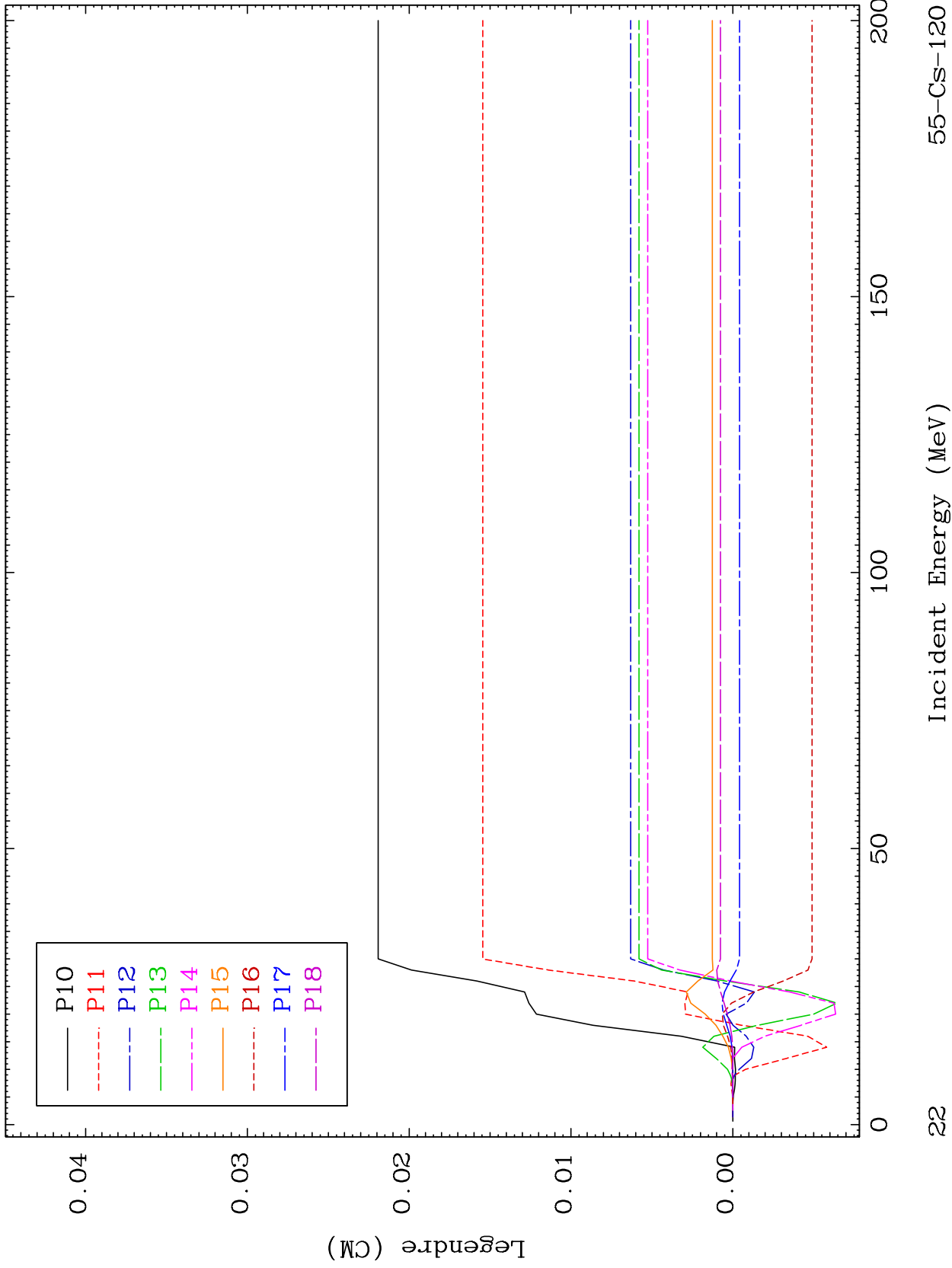
Incident Energy (MeV)

55-Cs-120

MAT 5486

102.6 keV (n,n') Level  
Legendre Coefficients

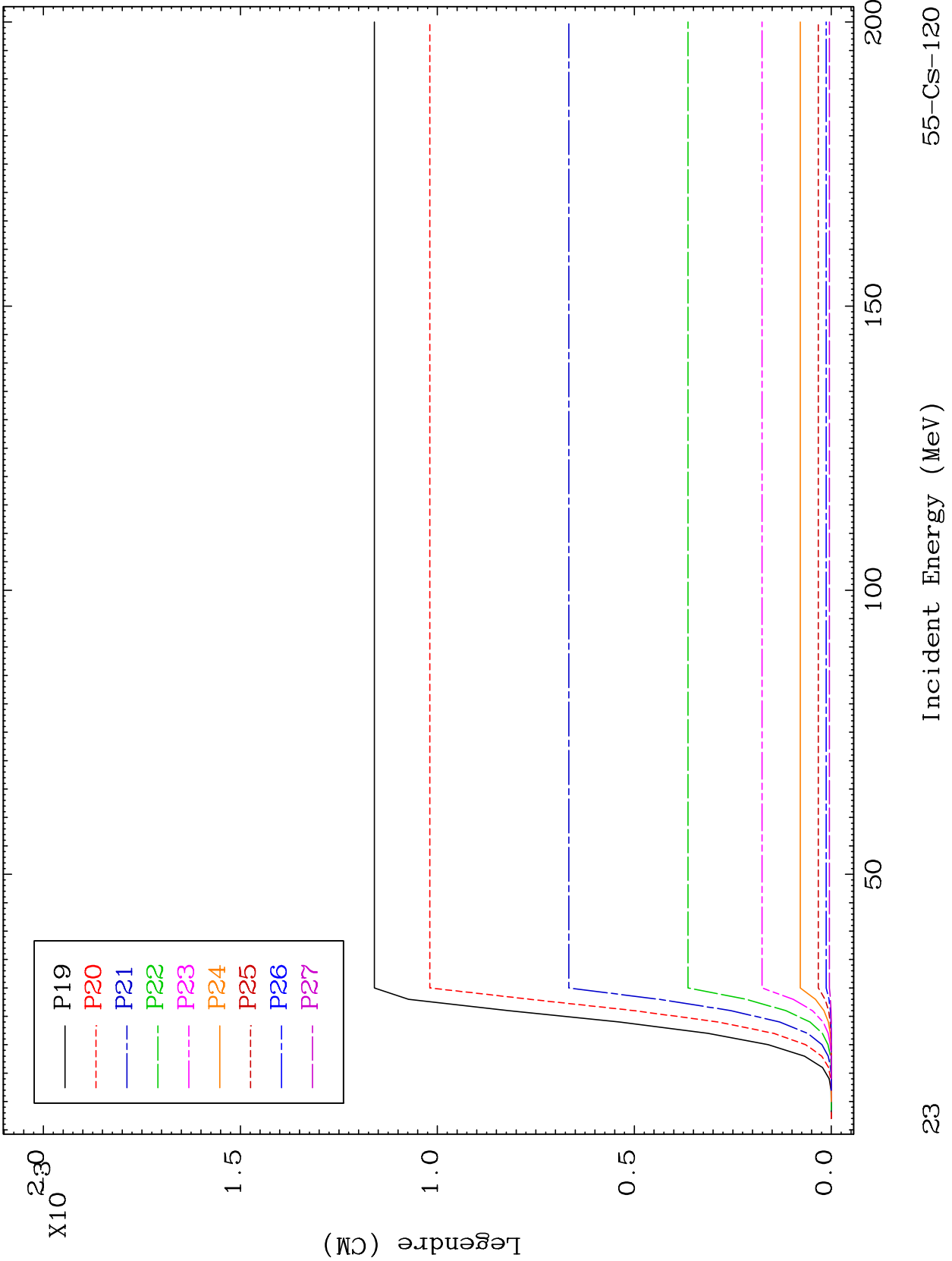
55-Cs-120



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Incident Energy (MeV)

55-Cs-120

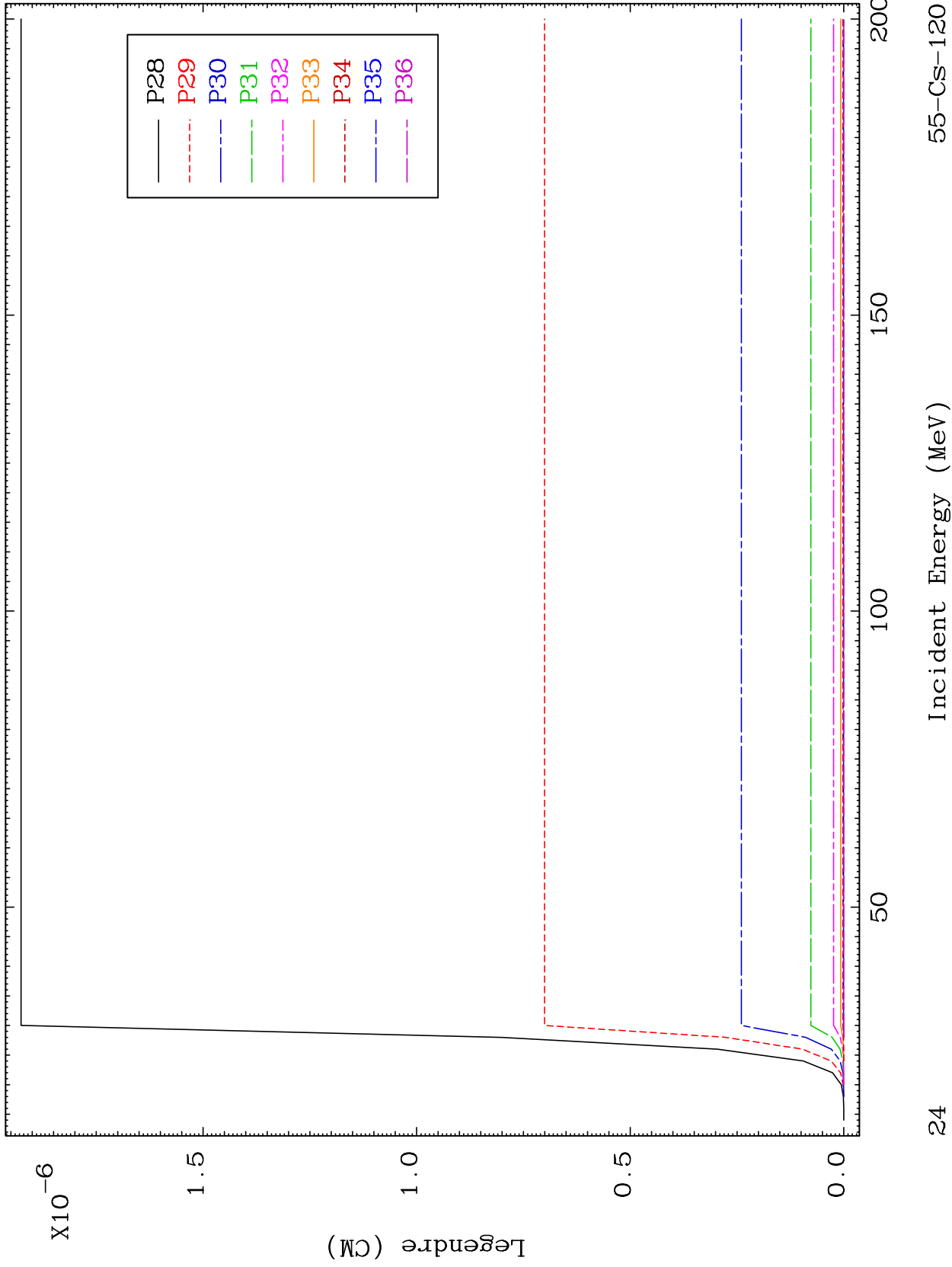




MAT 5486

102.6 keV (n,n') Level  
Legendre Coefficients

55-Cs-120

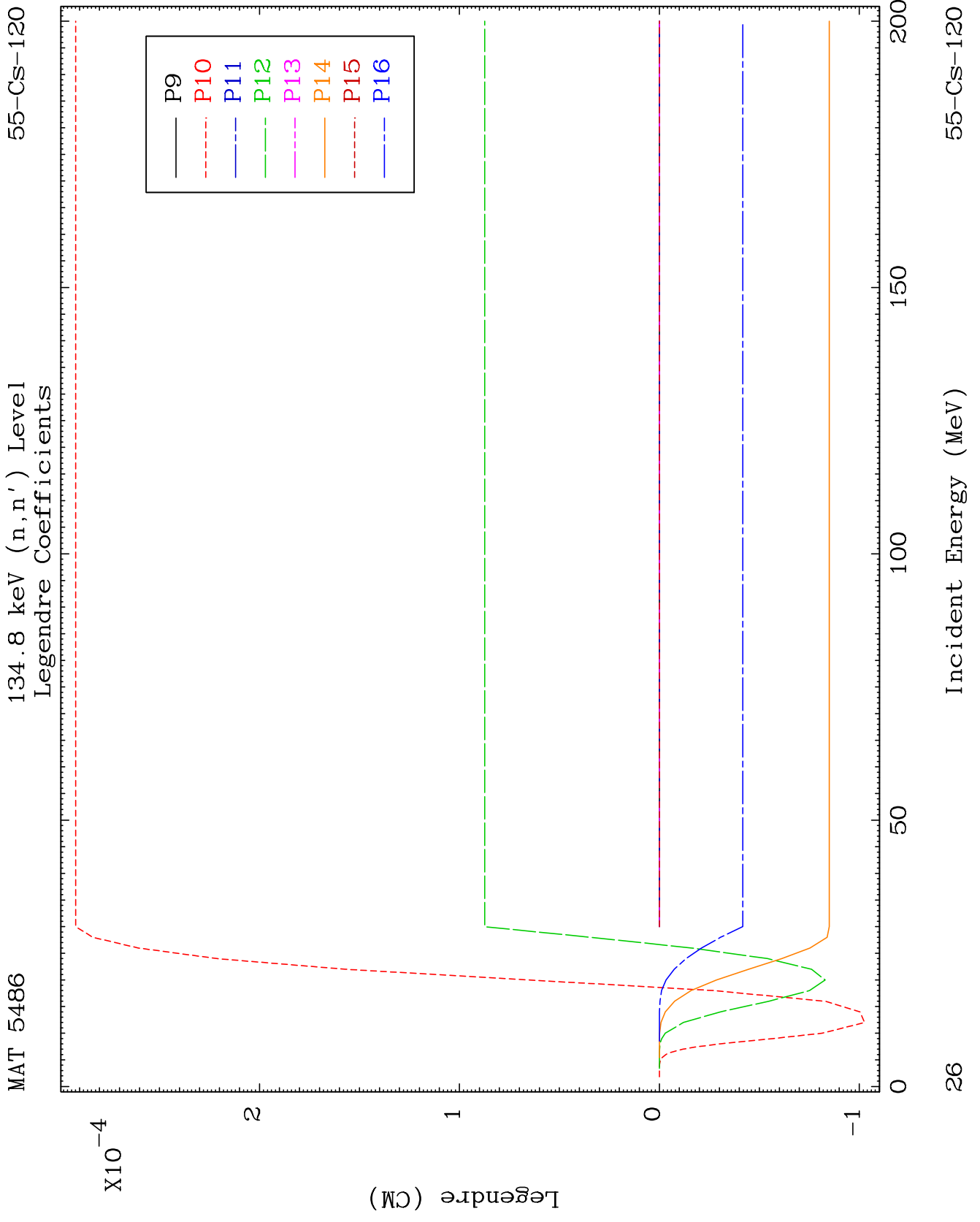


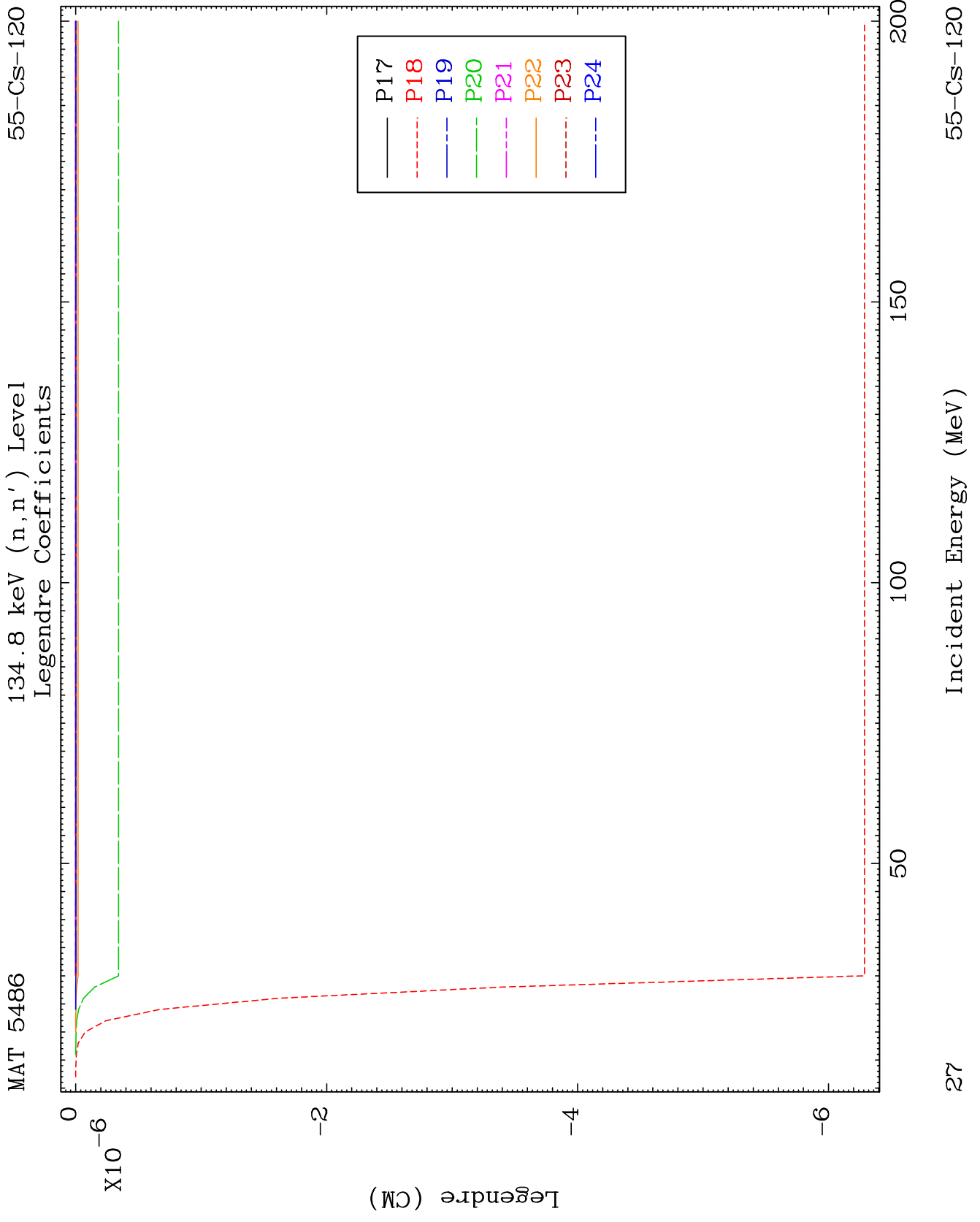
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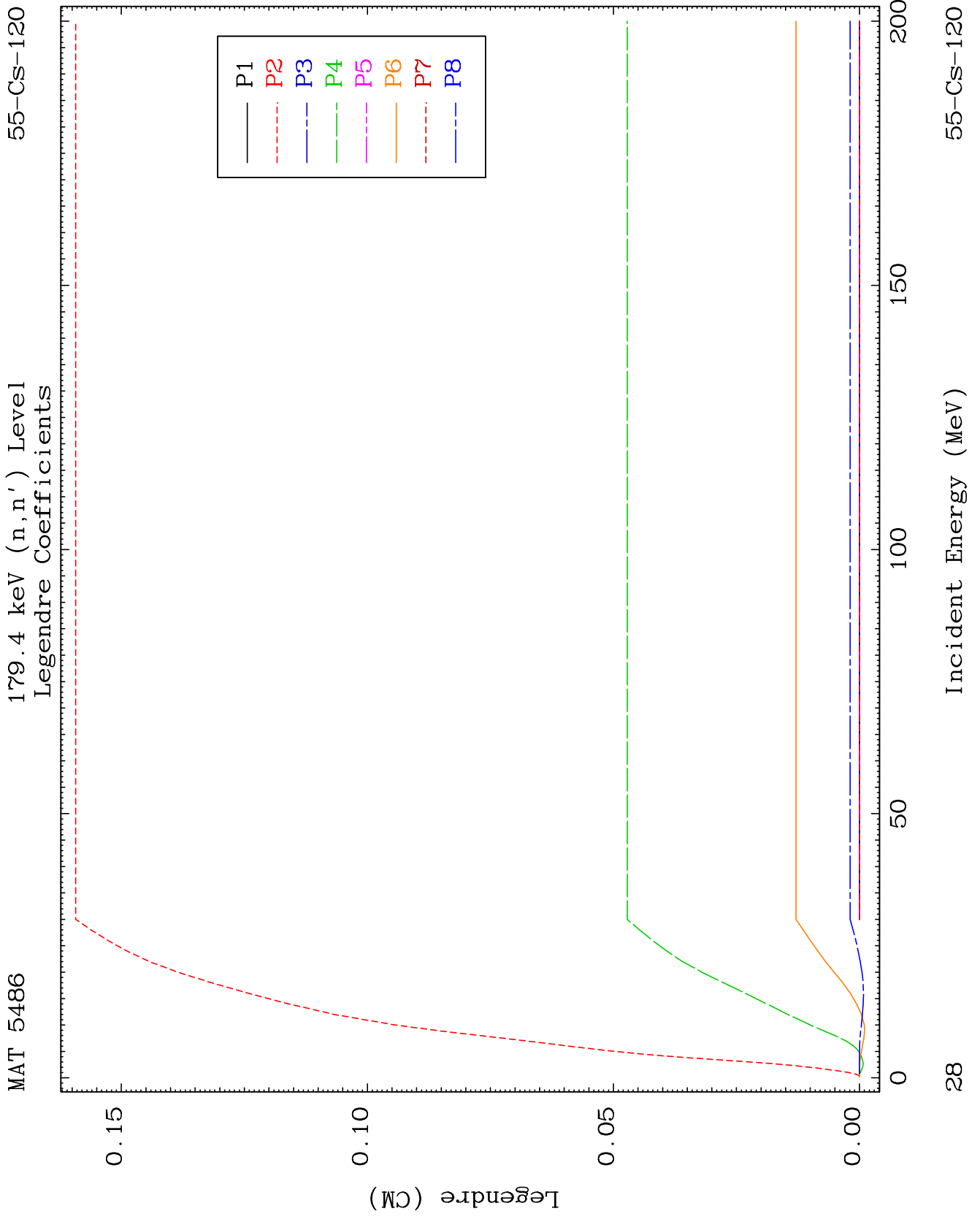
Incident Energy (MeV)

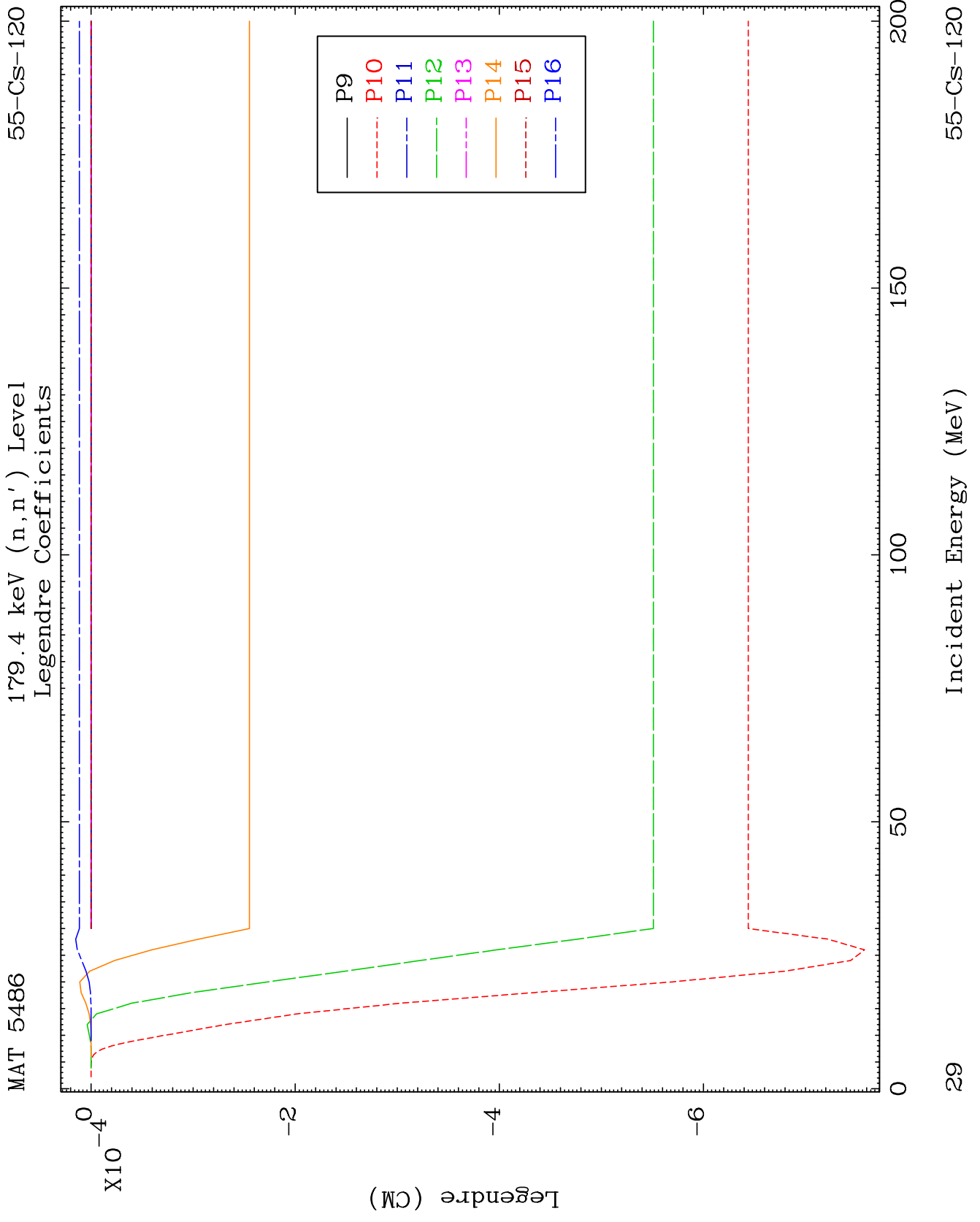
55-Cs-120

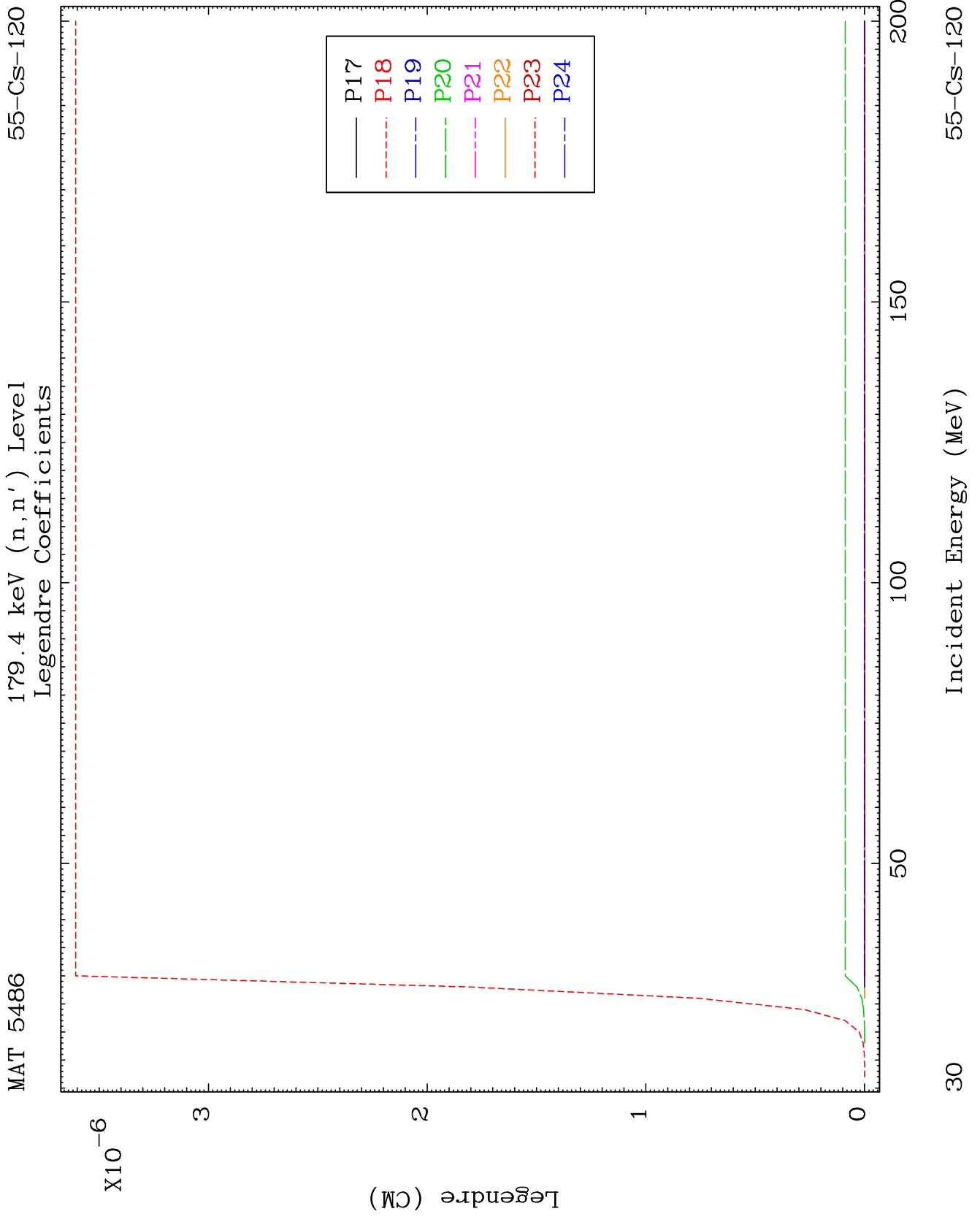


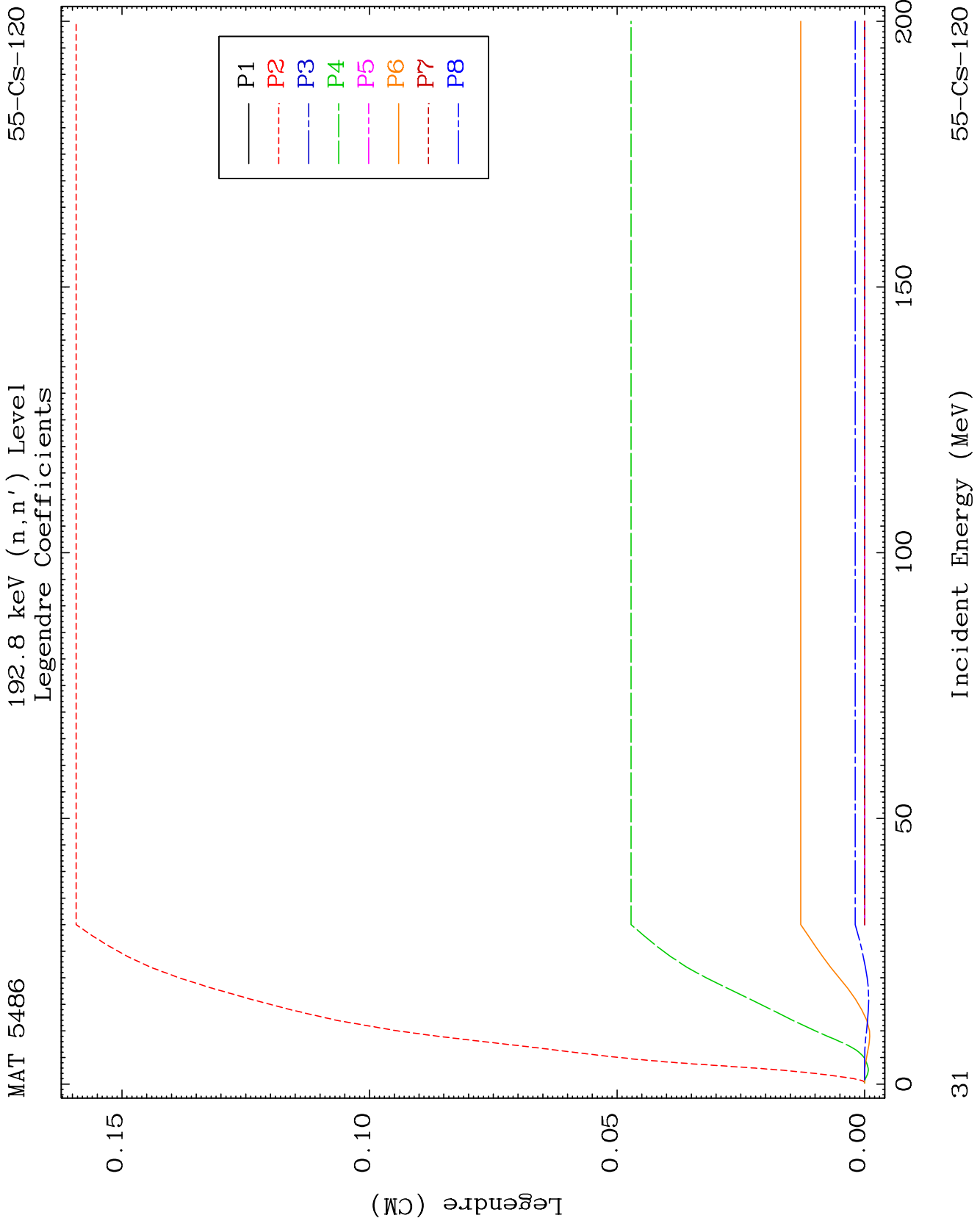




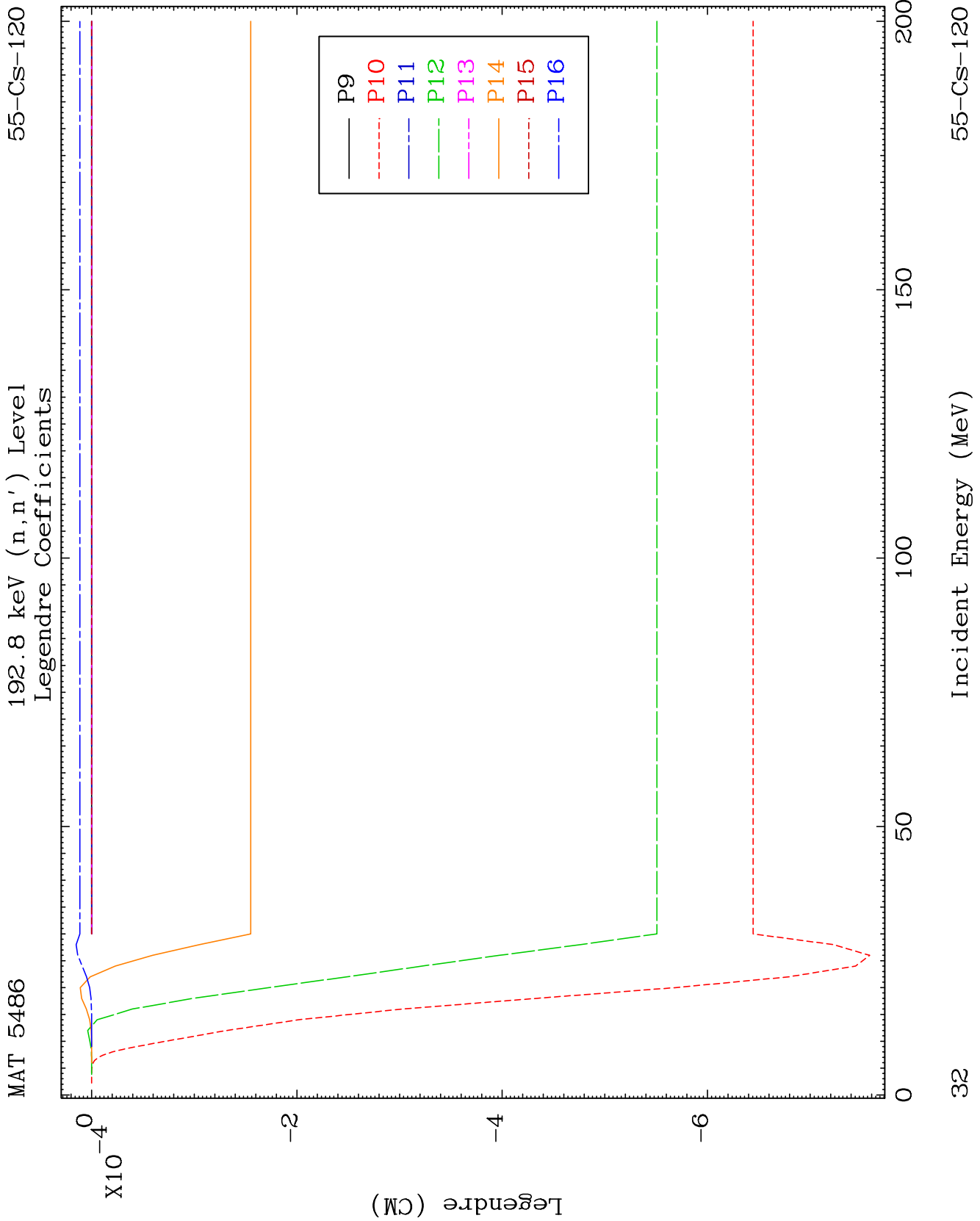










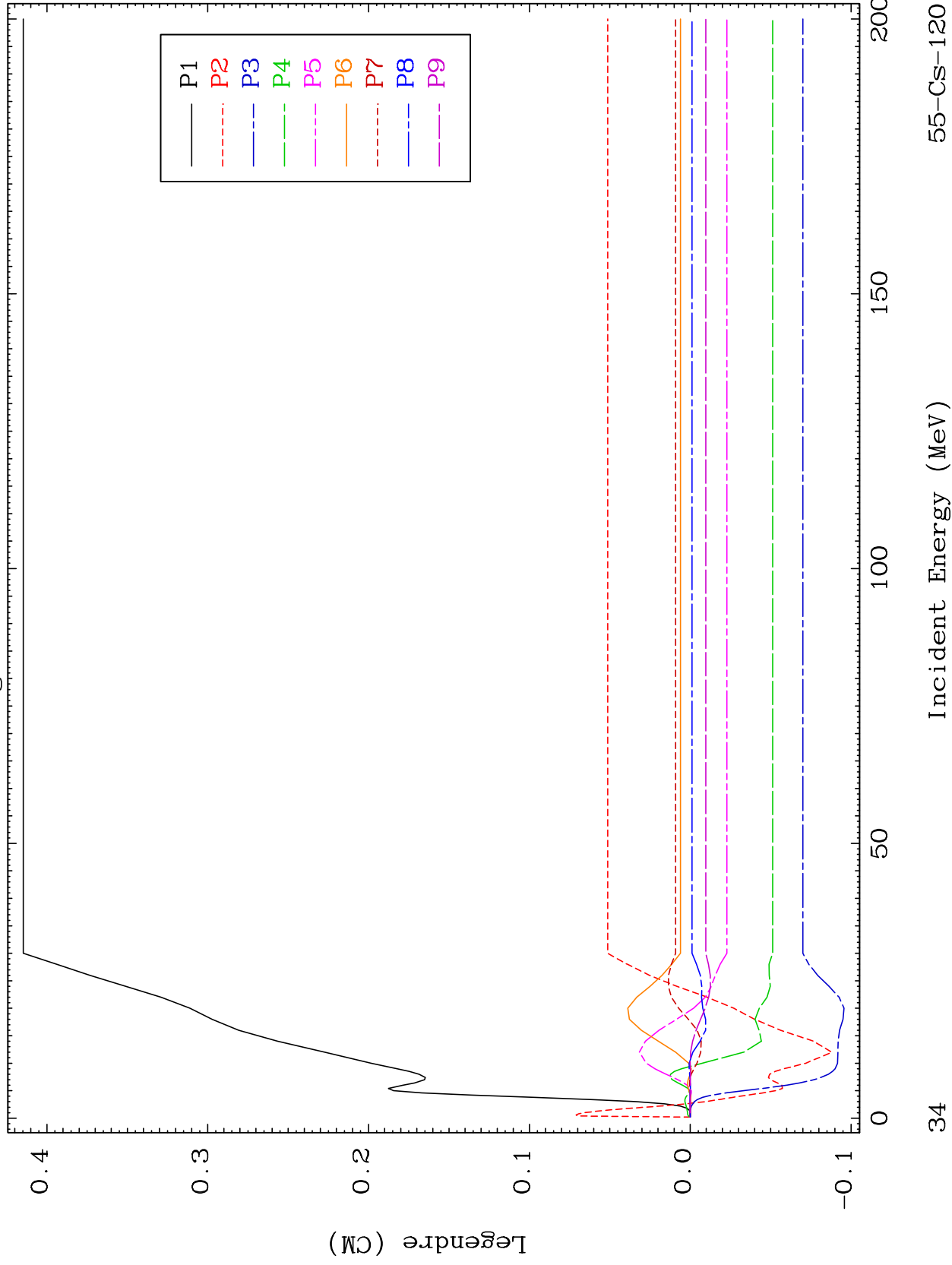




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200.0 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



55-Cs-120

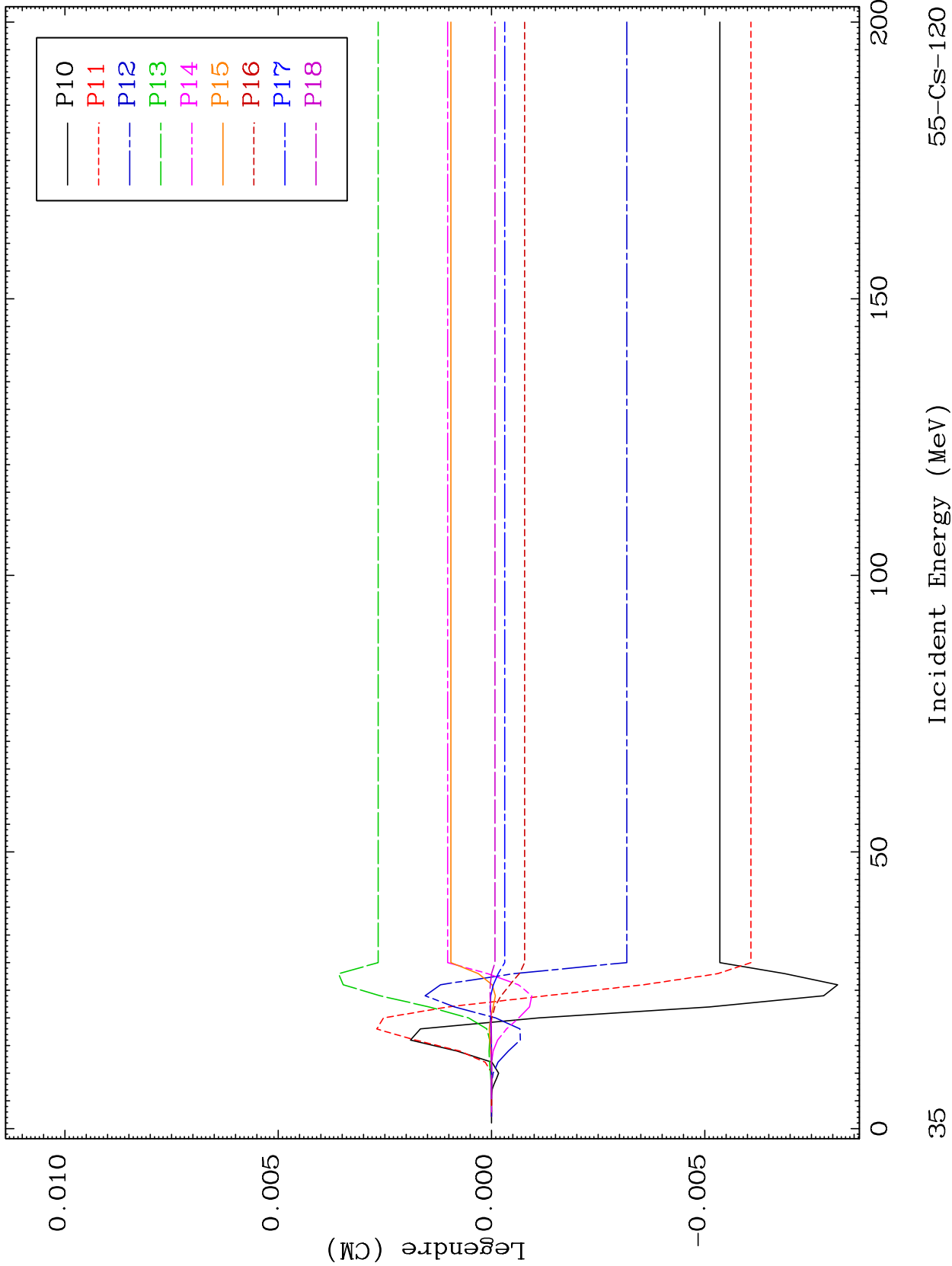
Incident Energy (MeV)

34

MAT 5486

200.0 keV (n,n') Level  
Legendre Coefficients

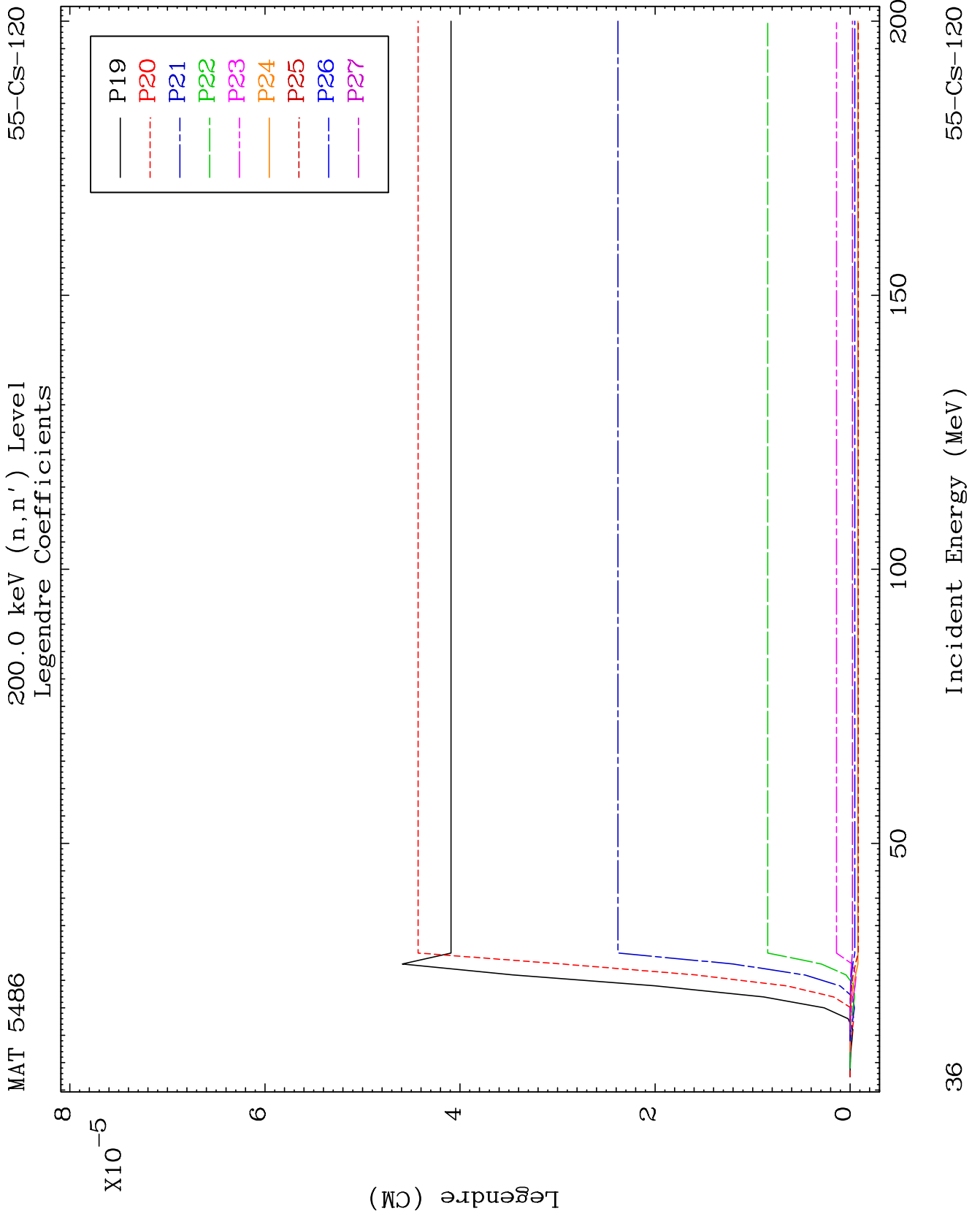
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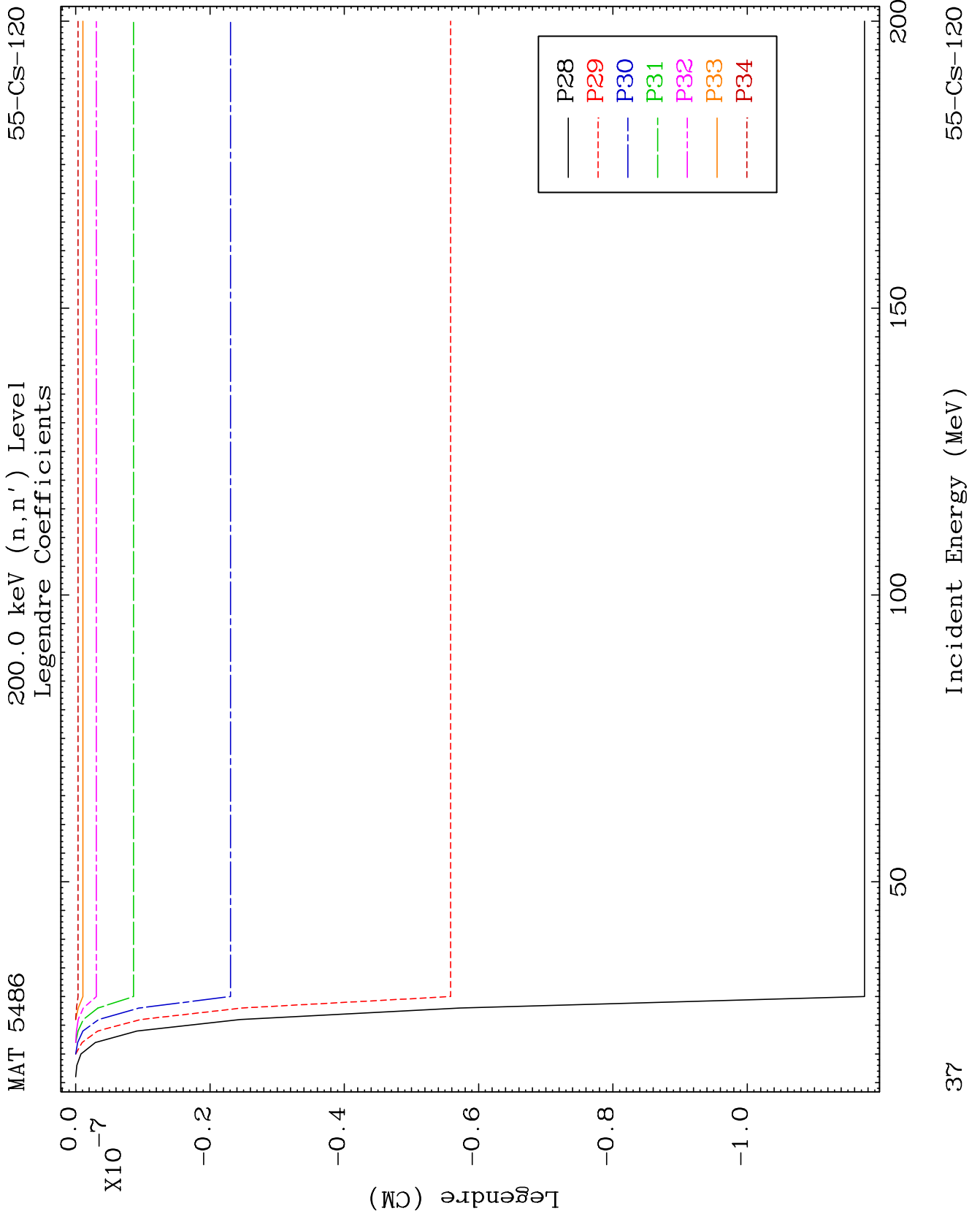


55-Cs-120

Incident Energy (MeV)

35

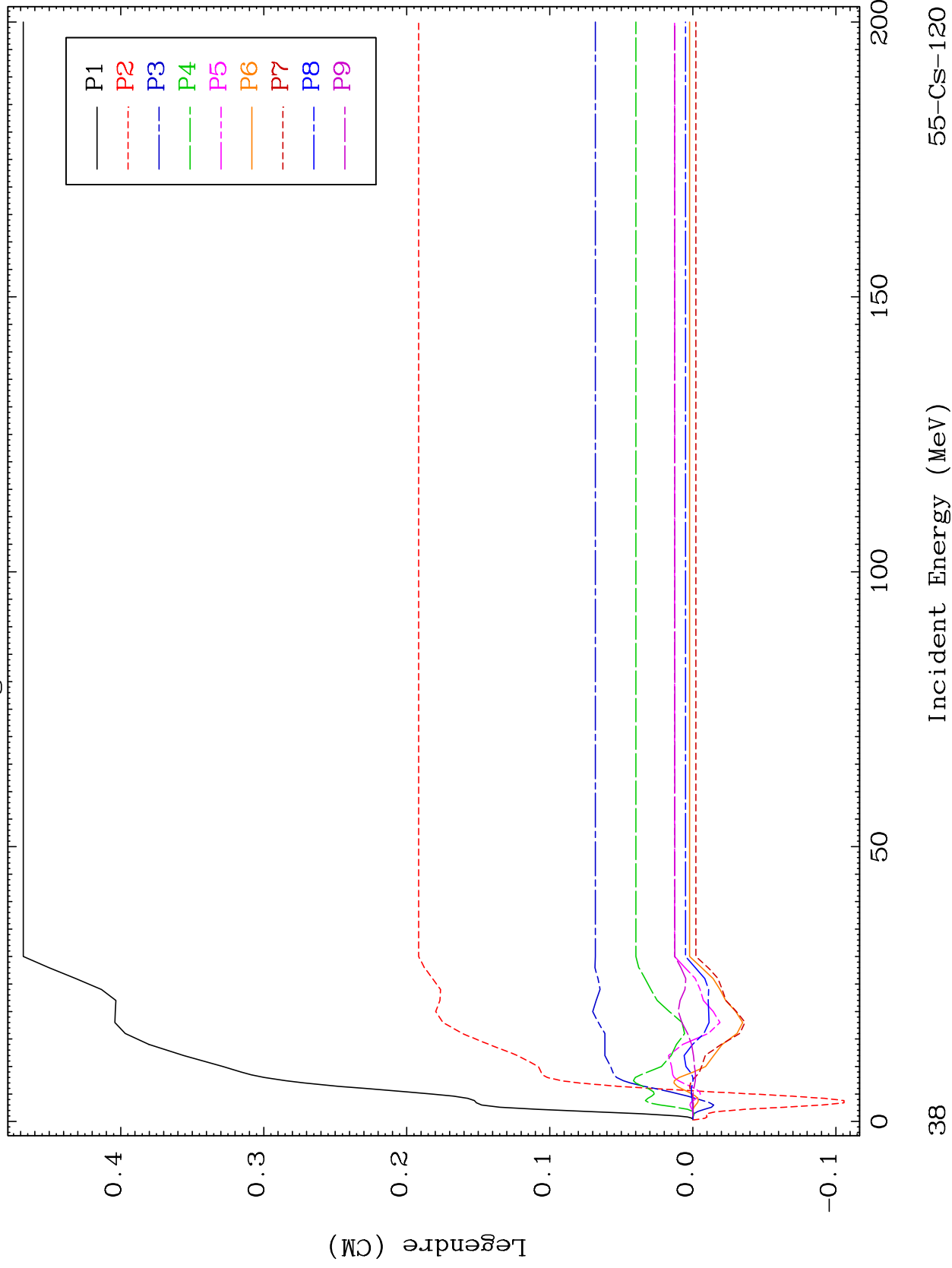




MAT 5486

248.9 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



55-Cs-120

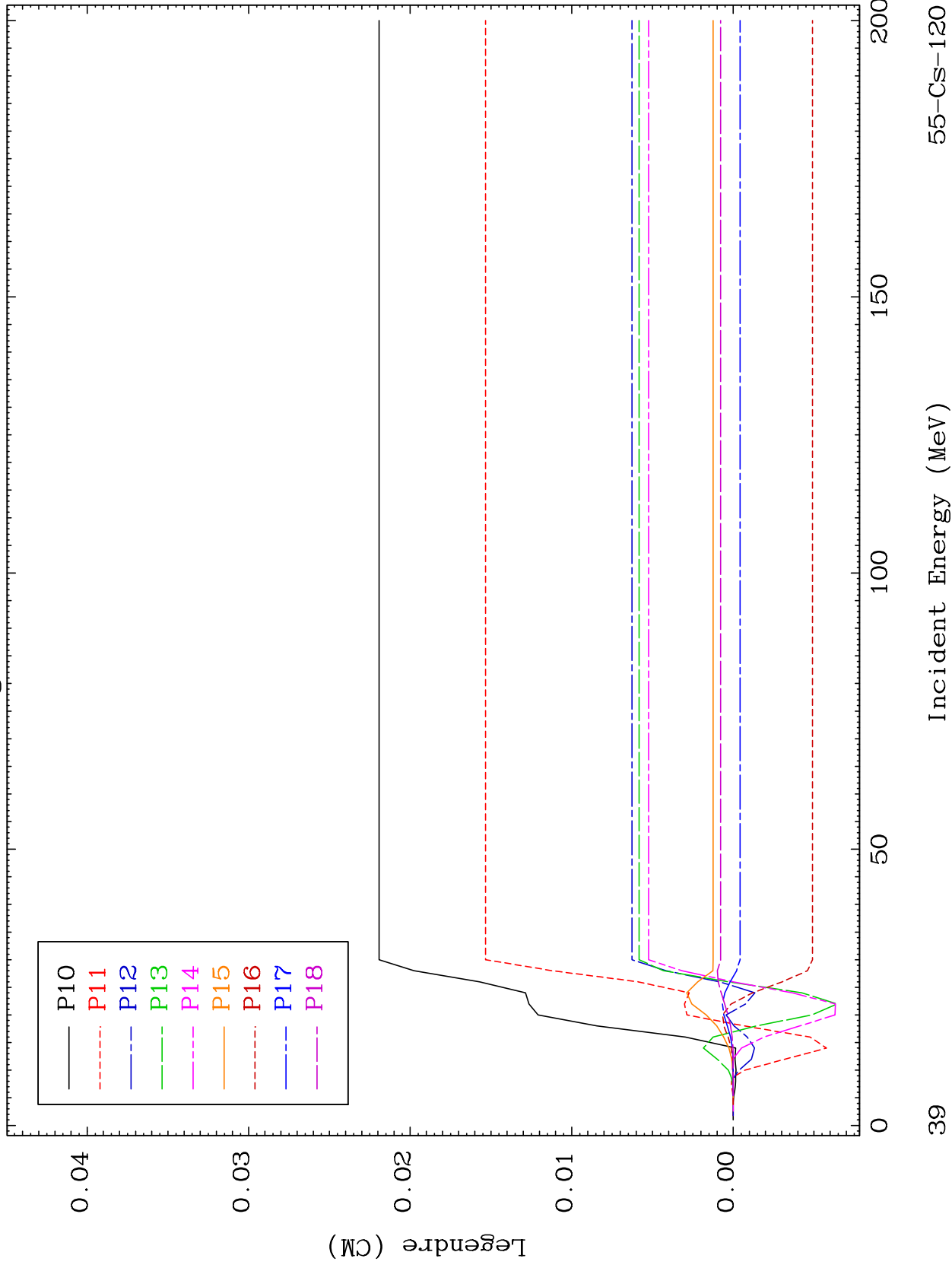
Incident Energy (MeV)

38

MAT 5486

248.9 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



39

Incident Energy (MeV)

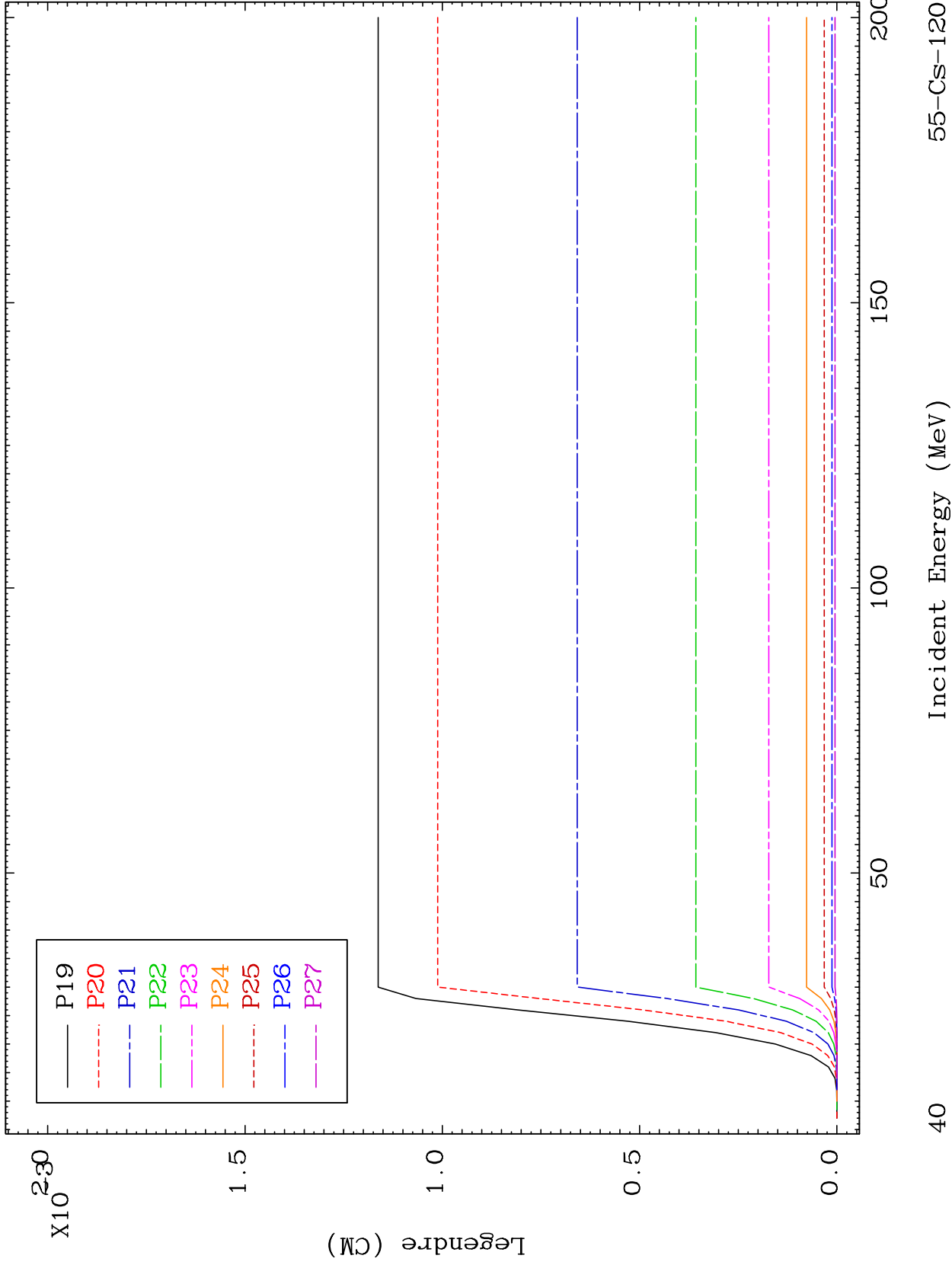
55-Cs-120



MAT 5486

248.9 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



40

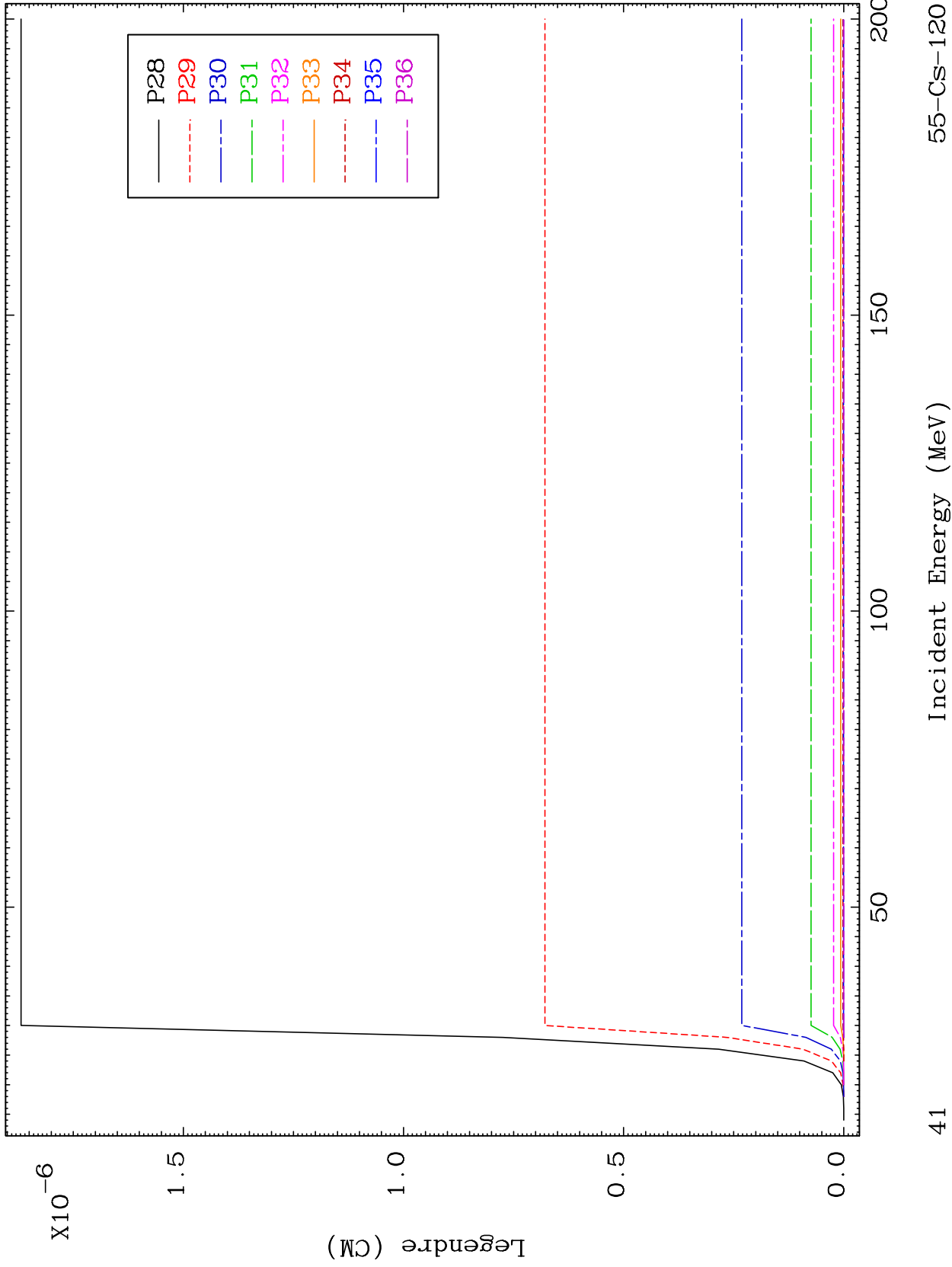
Incident Energy (MeV)

55-Cs-120

MAT 5486

248.9 keV (n,n') Level  
Legendre Coefficients

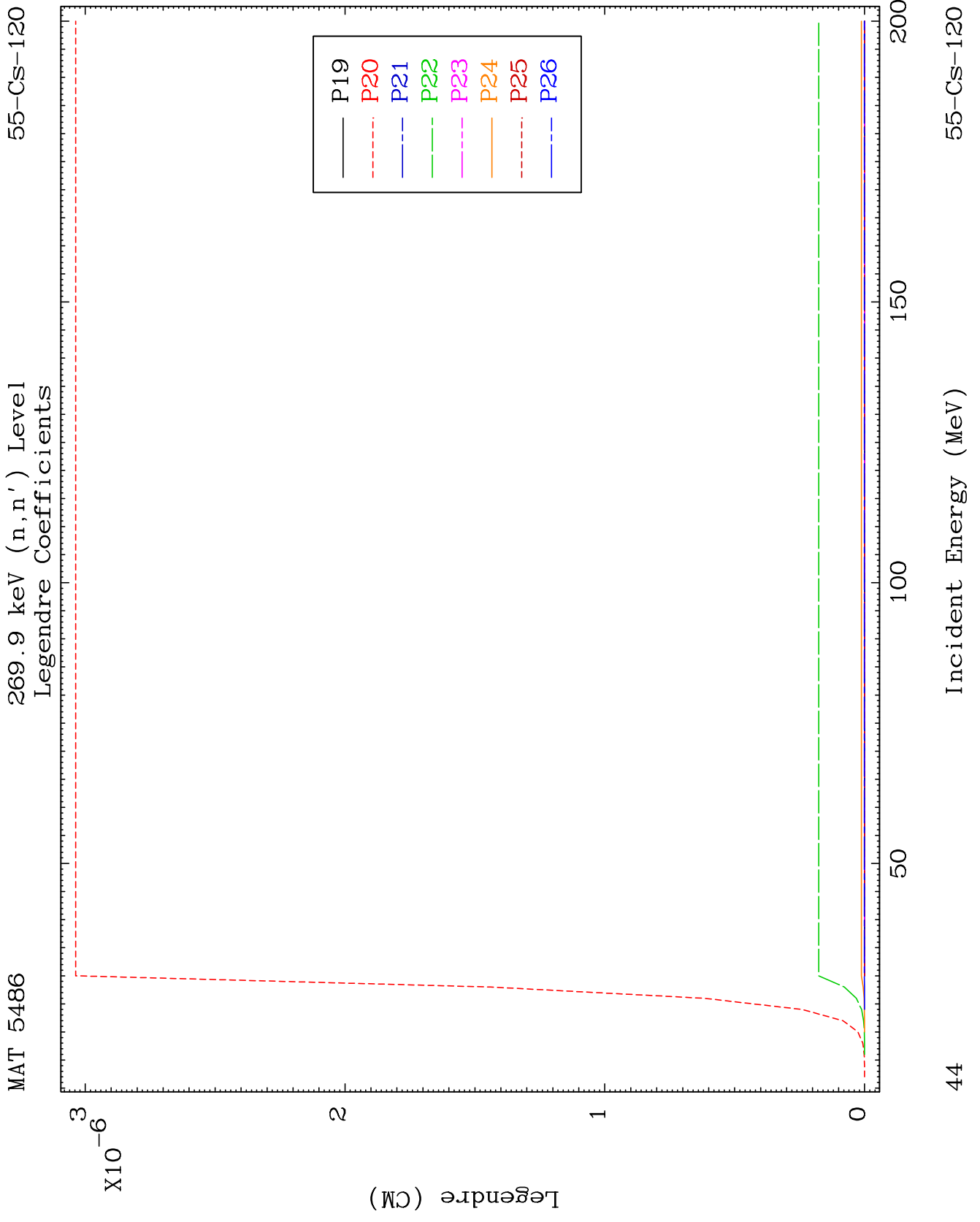
55-Cs-120

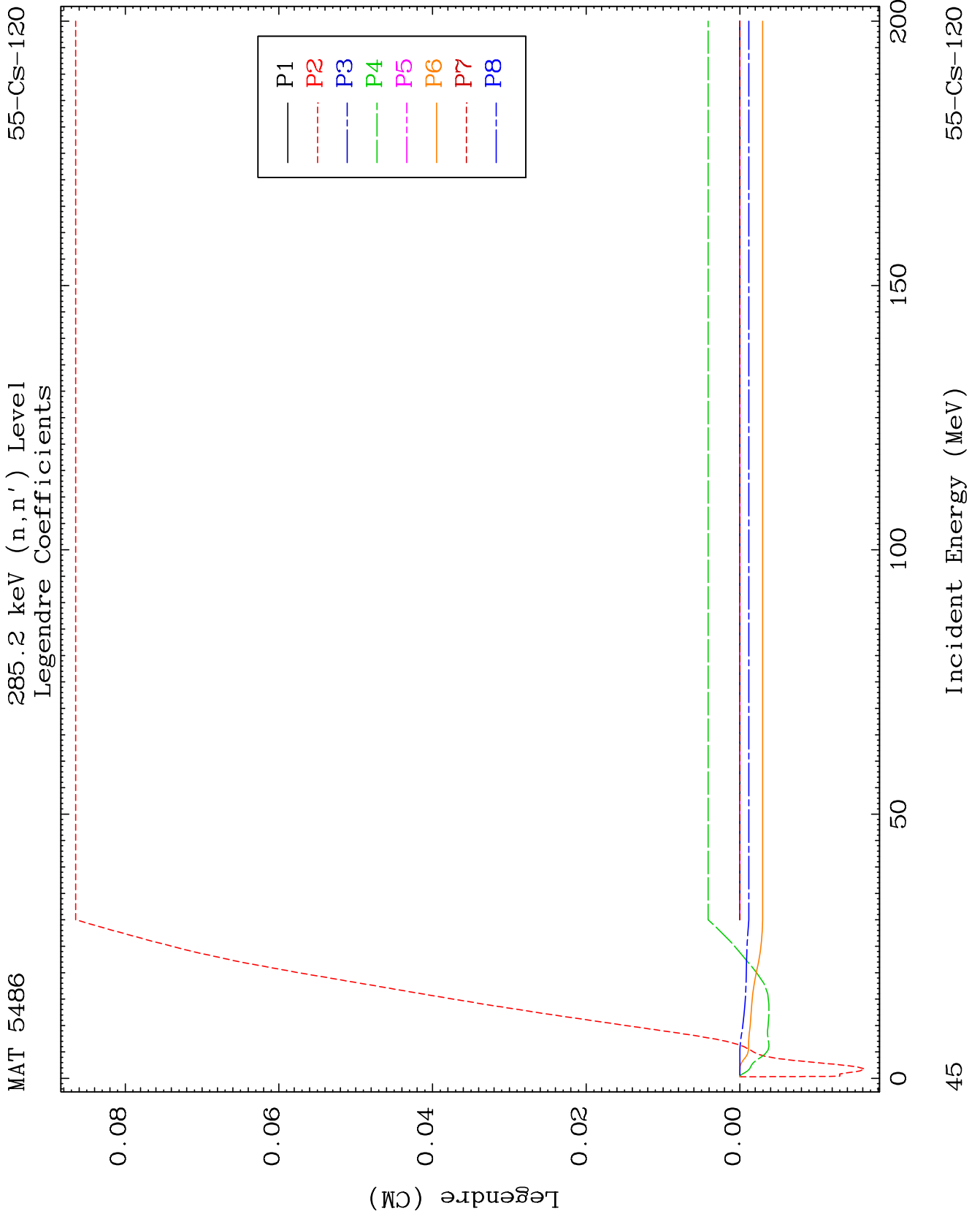


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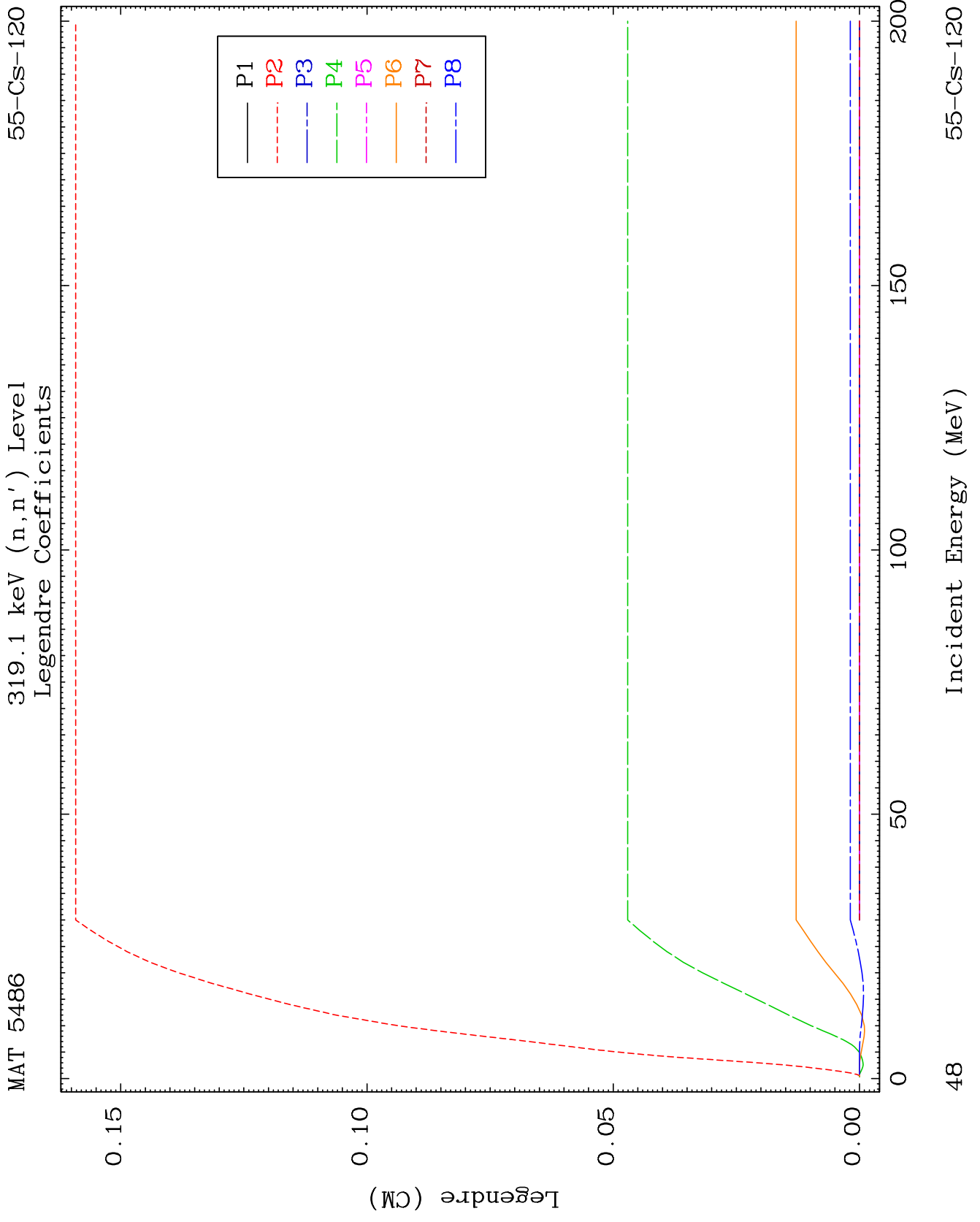


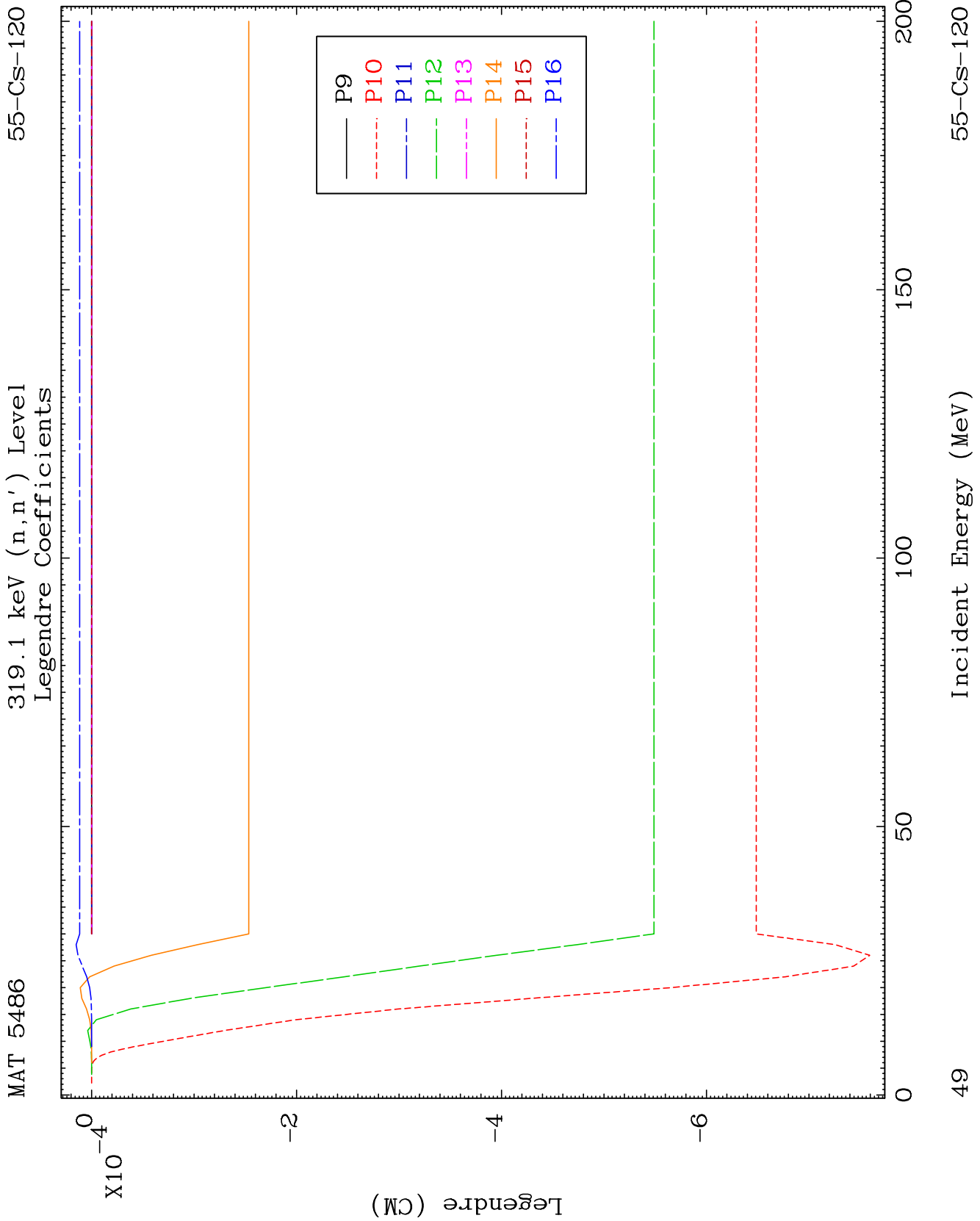




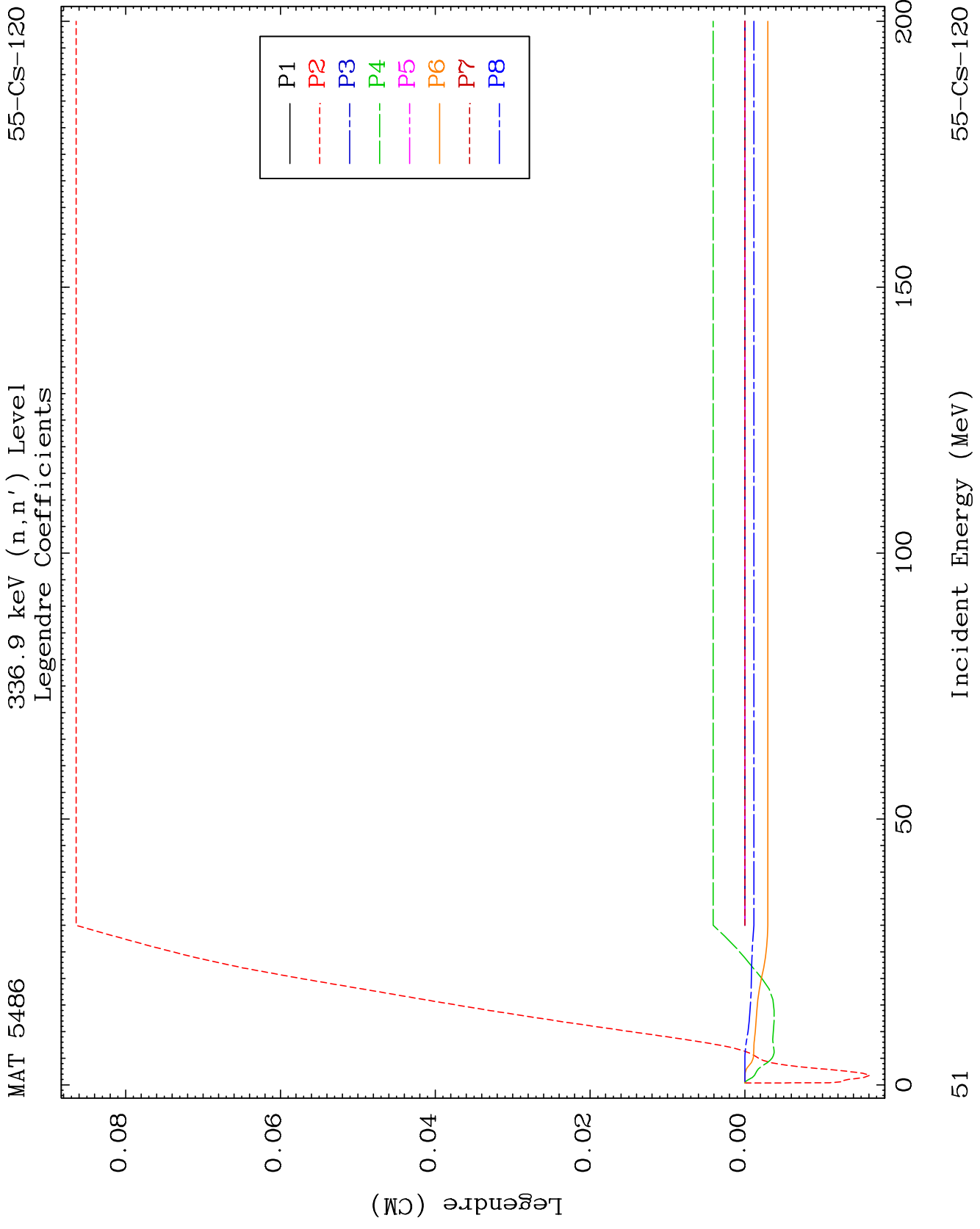


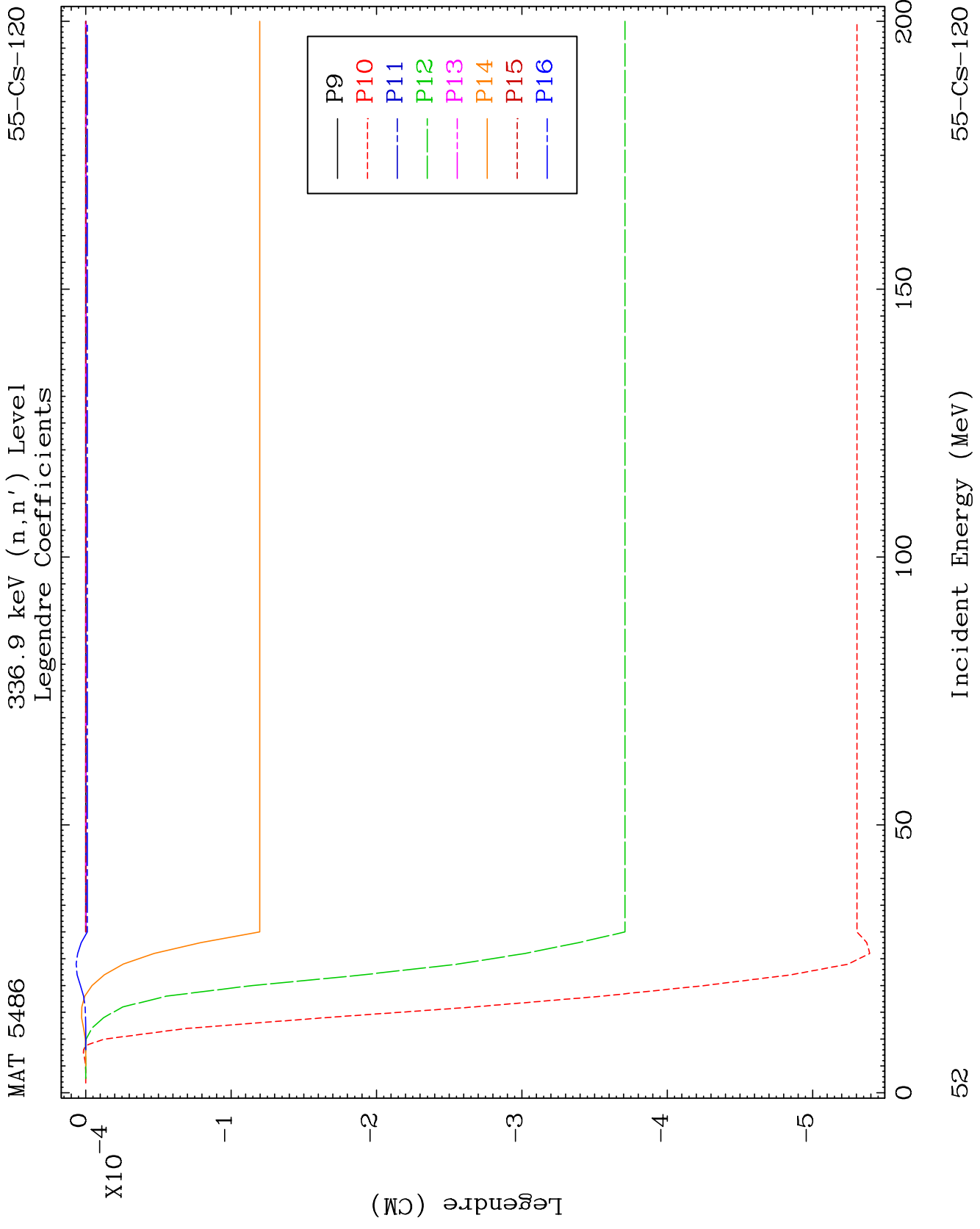




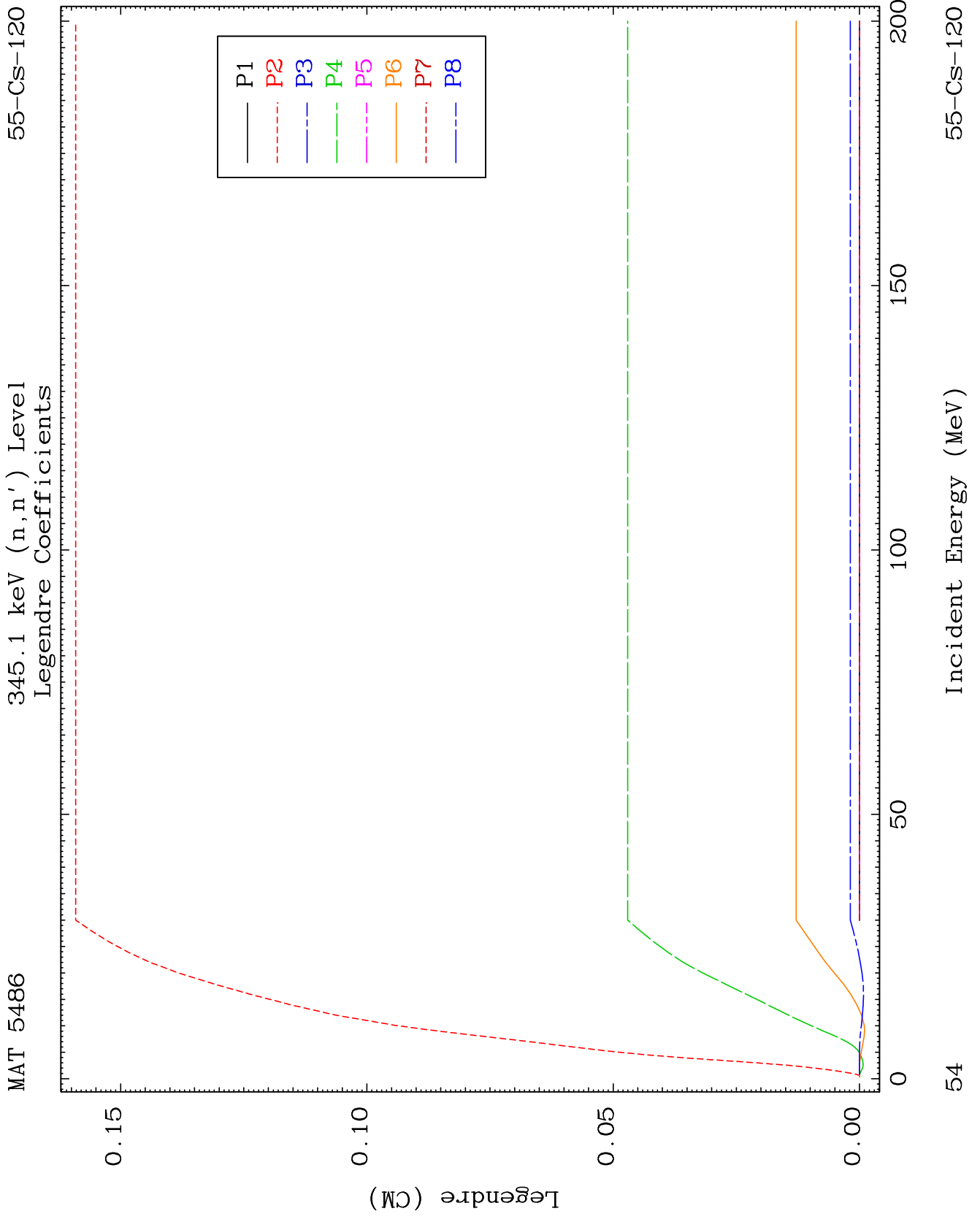


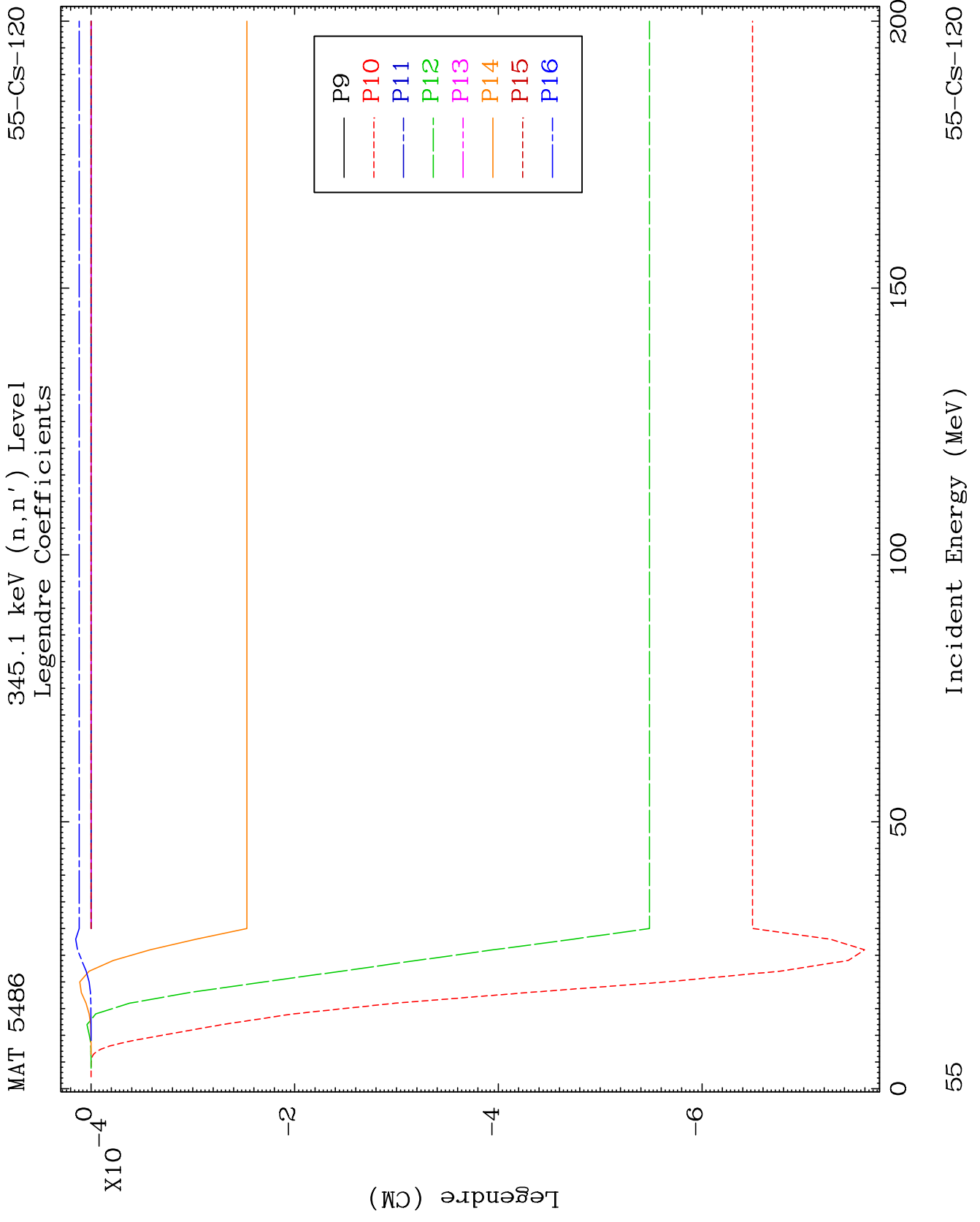












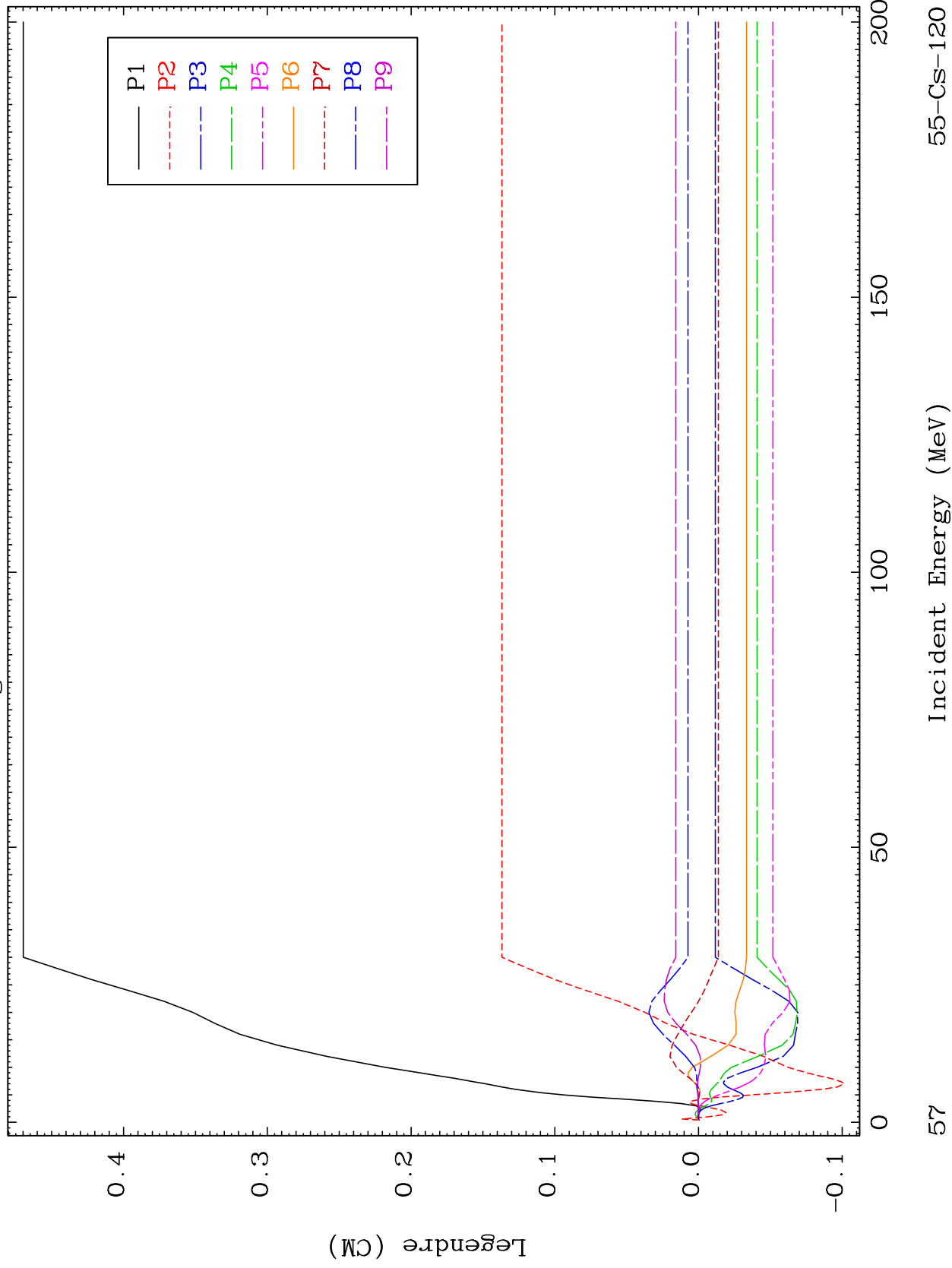




MAT 5486

407.3 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



55-Cs-120

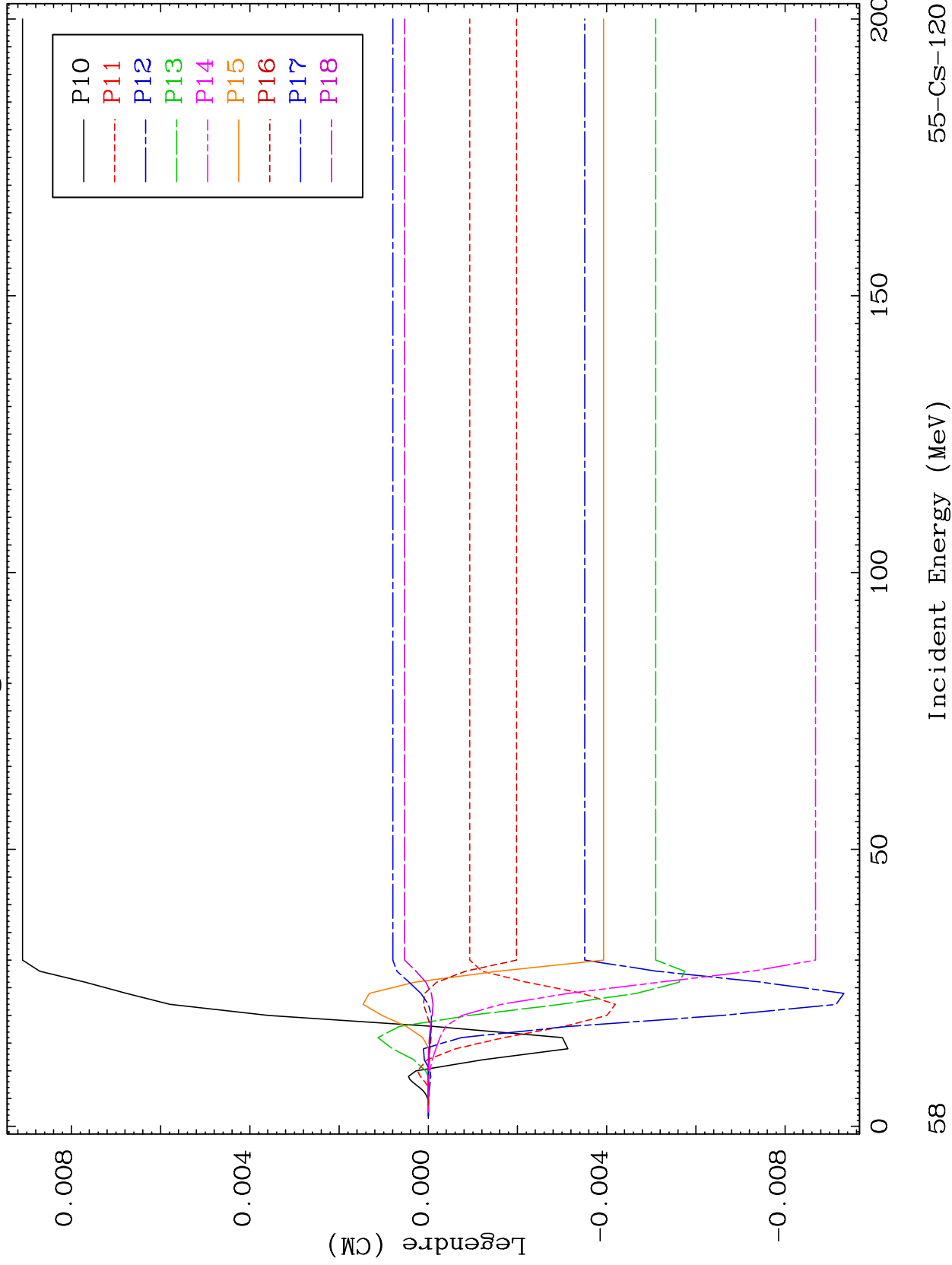
Incident Energy (MeV)

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MAT 5486

407.3 keV (n,n') Level  
Legendre Coefficients

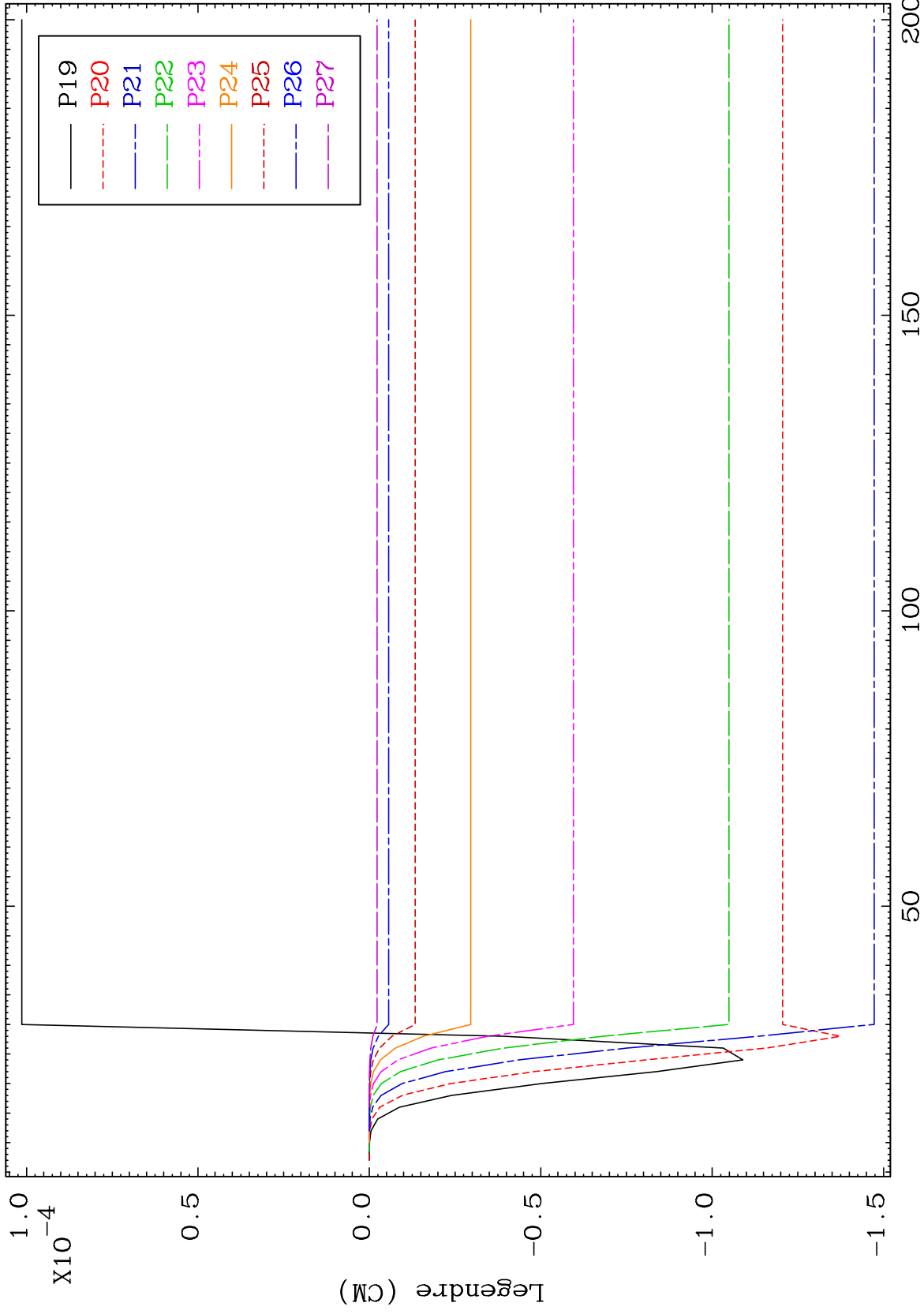
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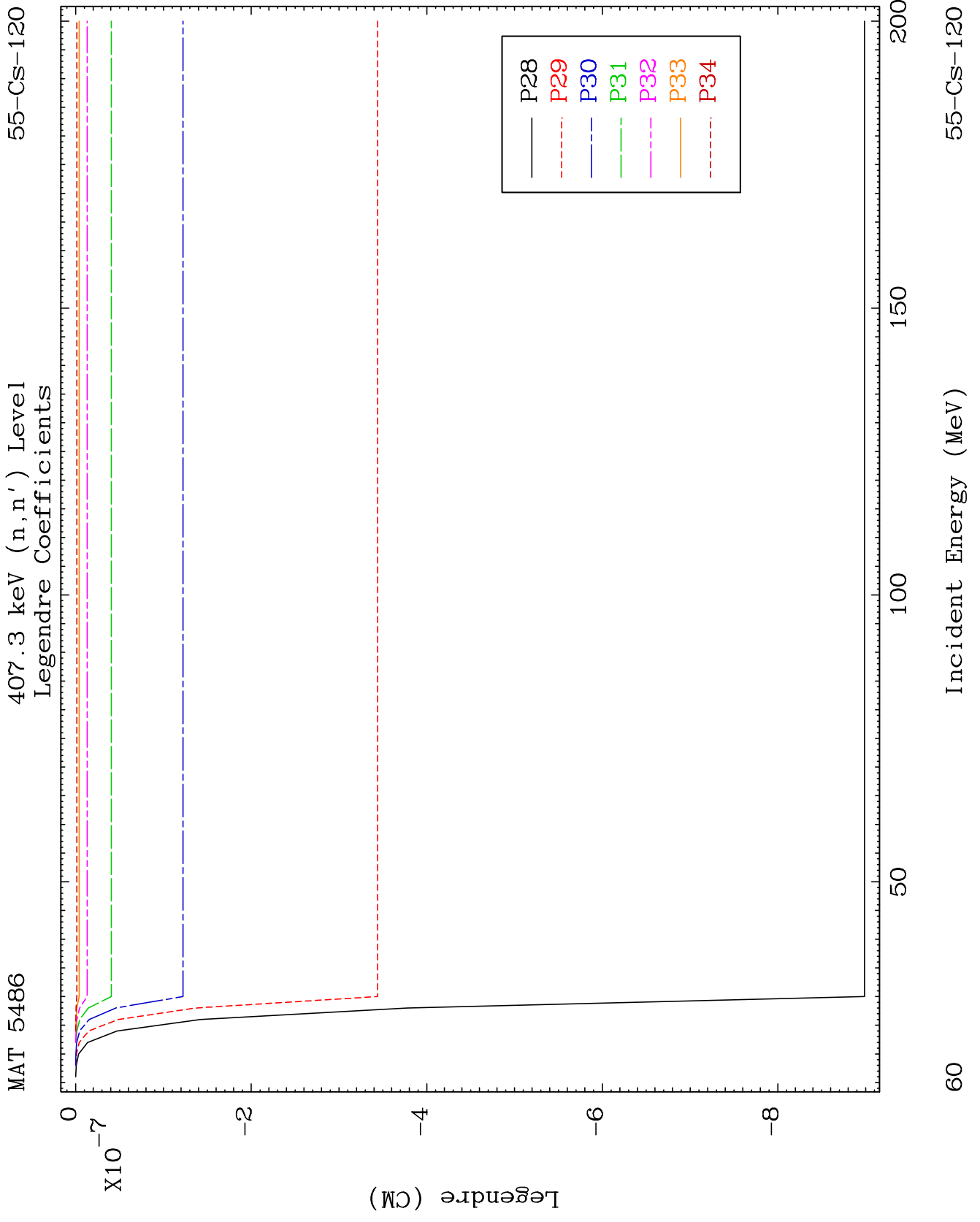


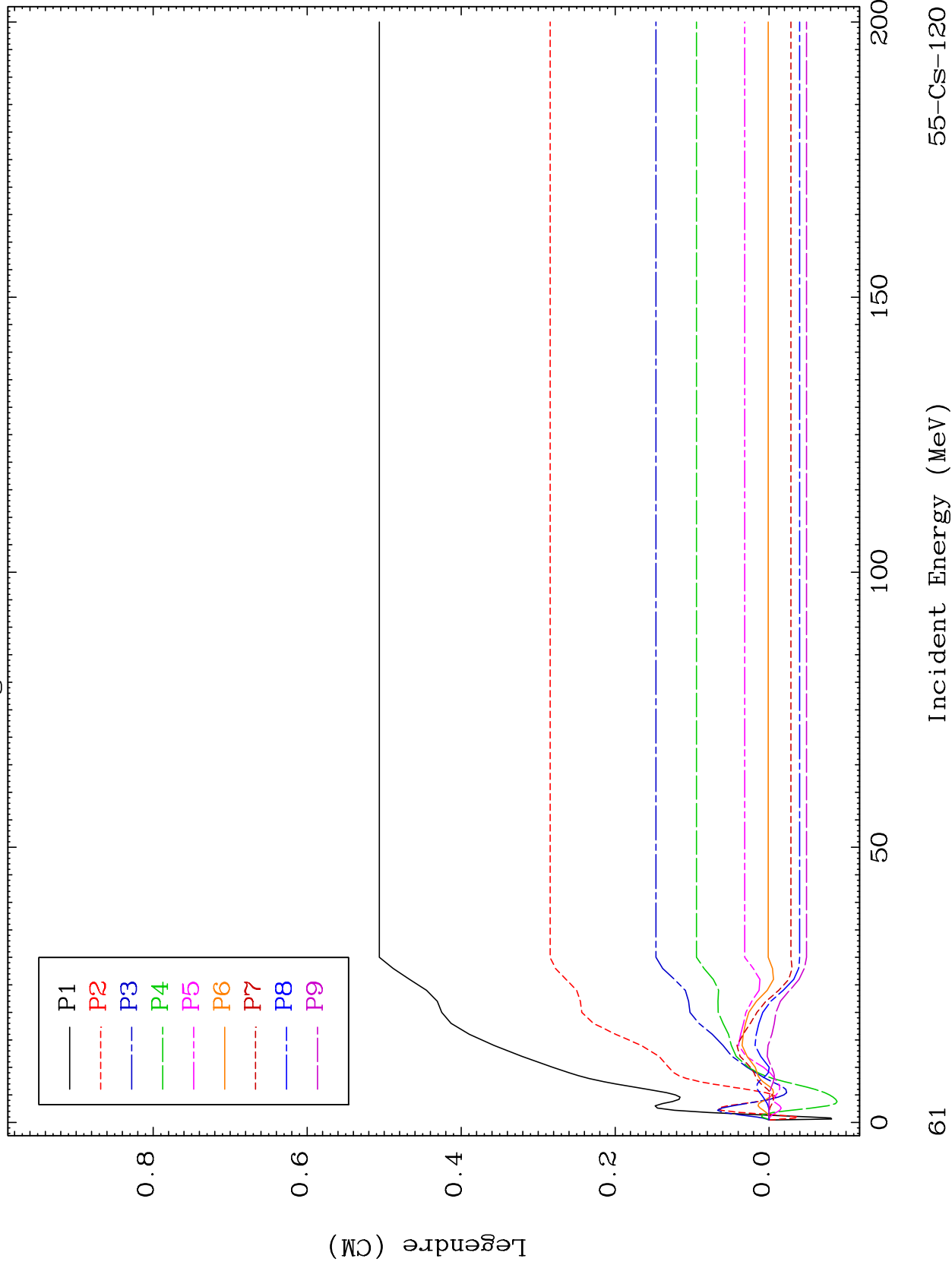
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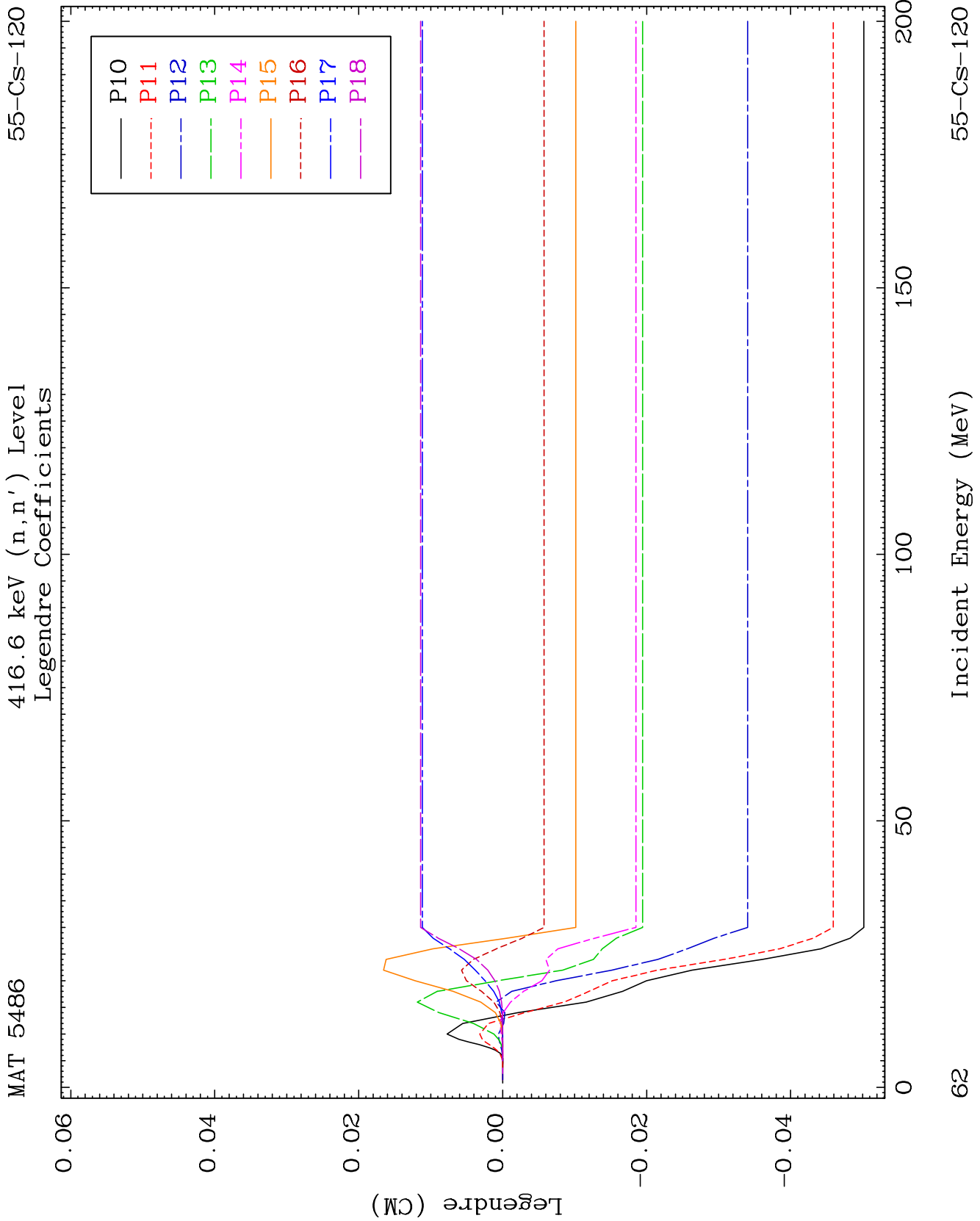
Incident Energy (MeV)

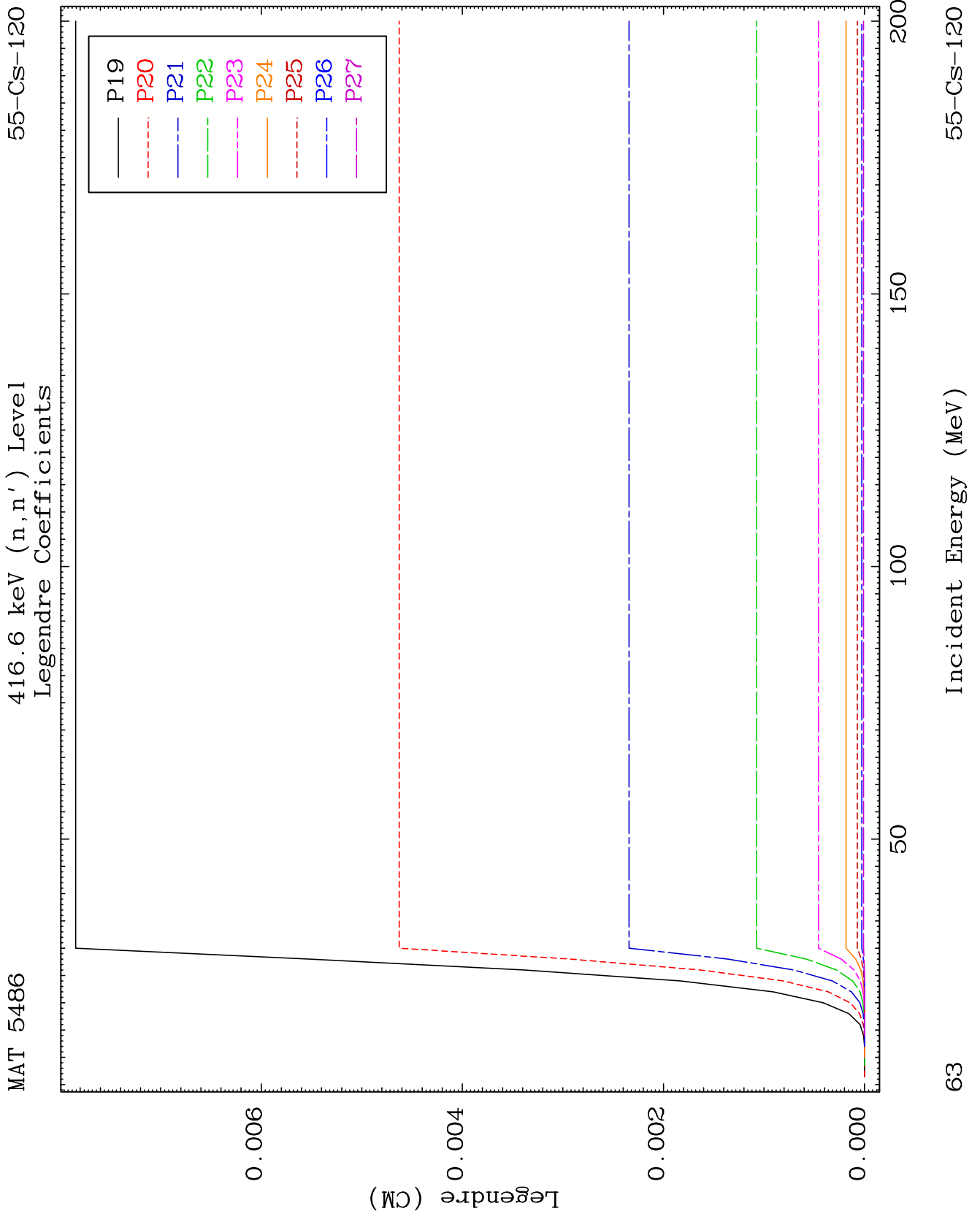
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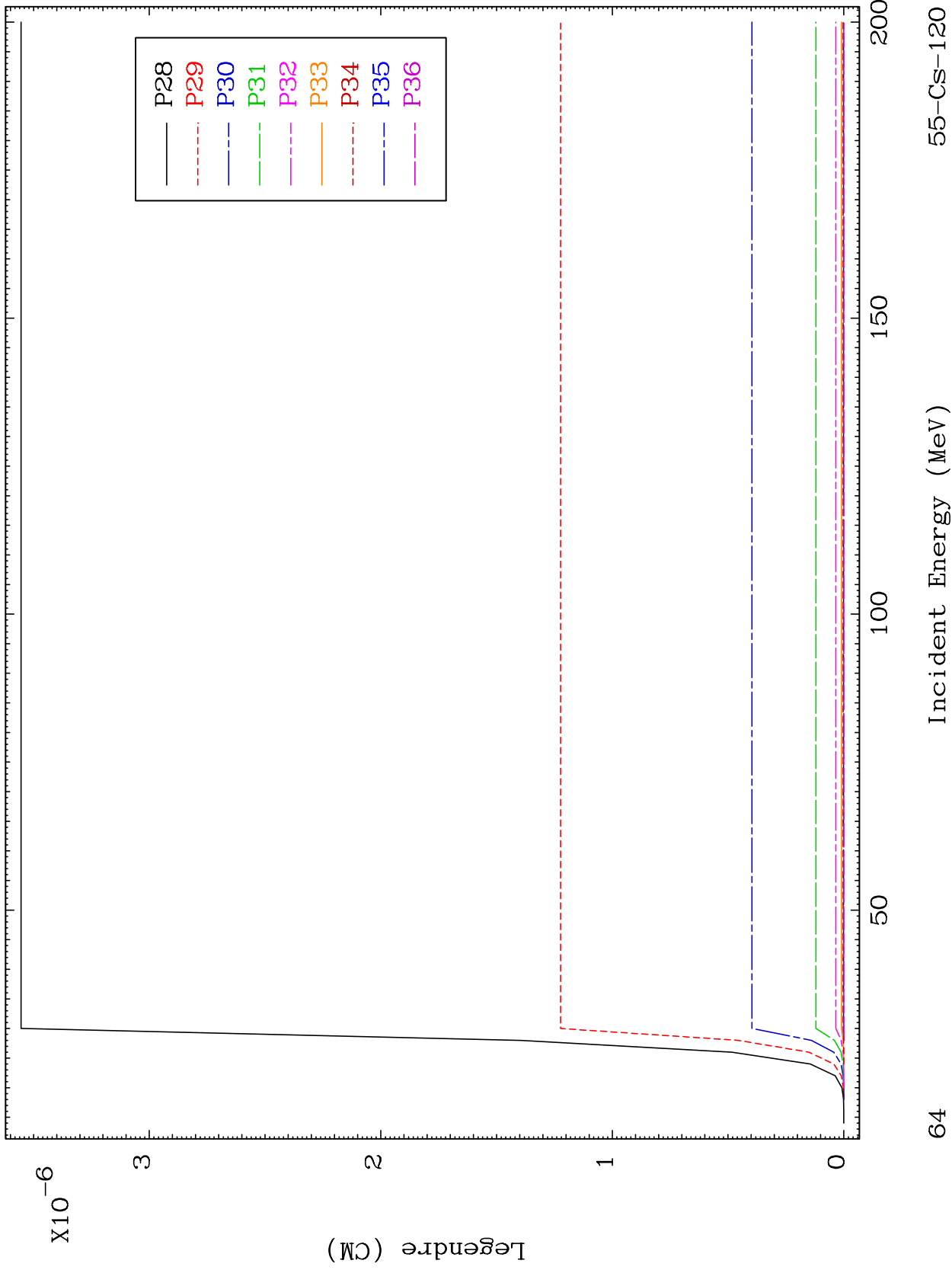




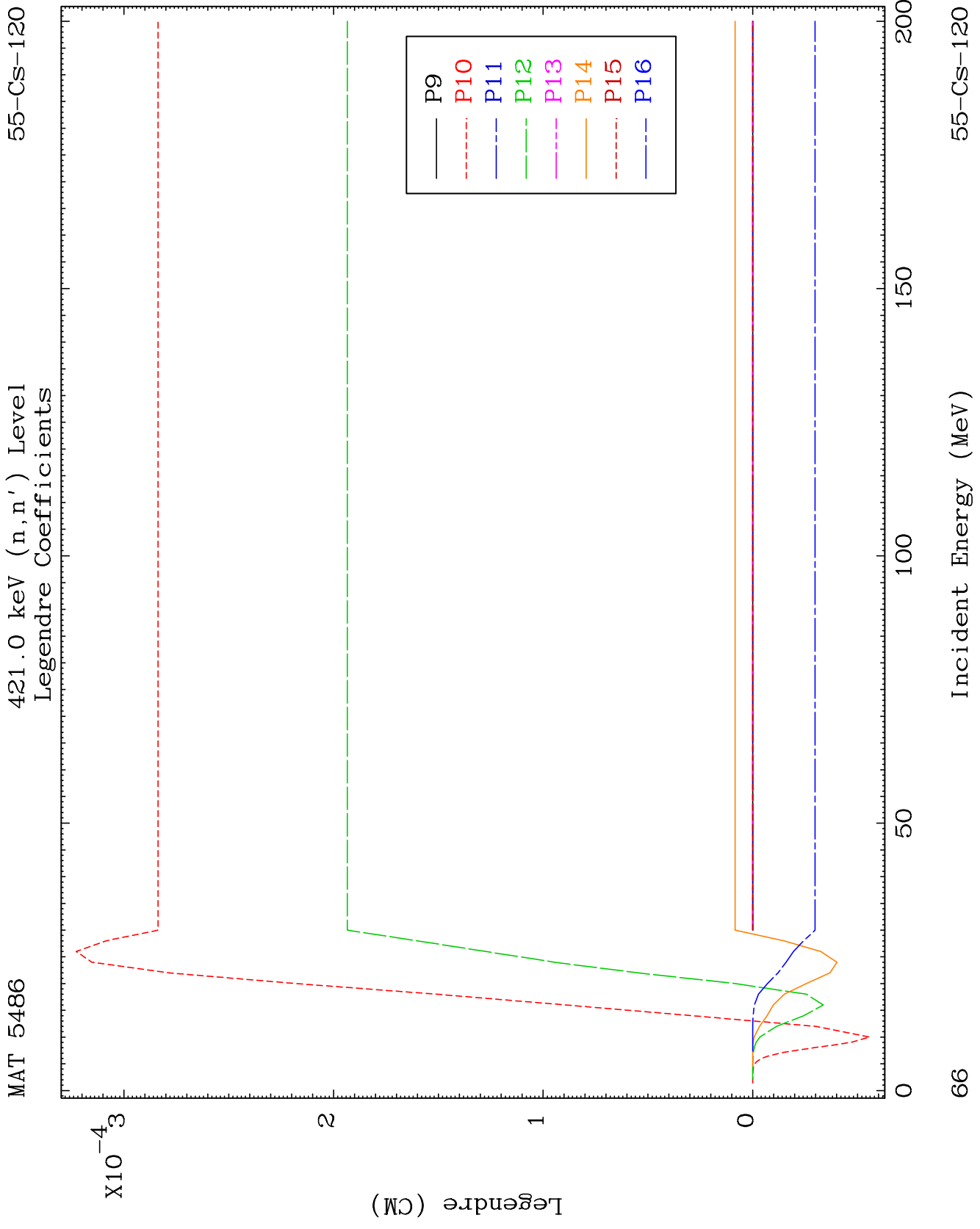
MAT 5486

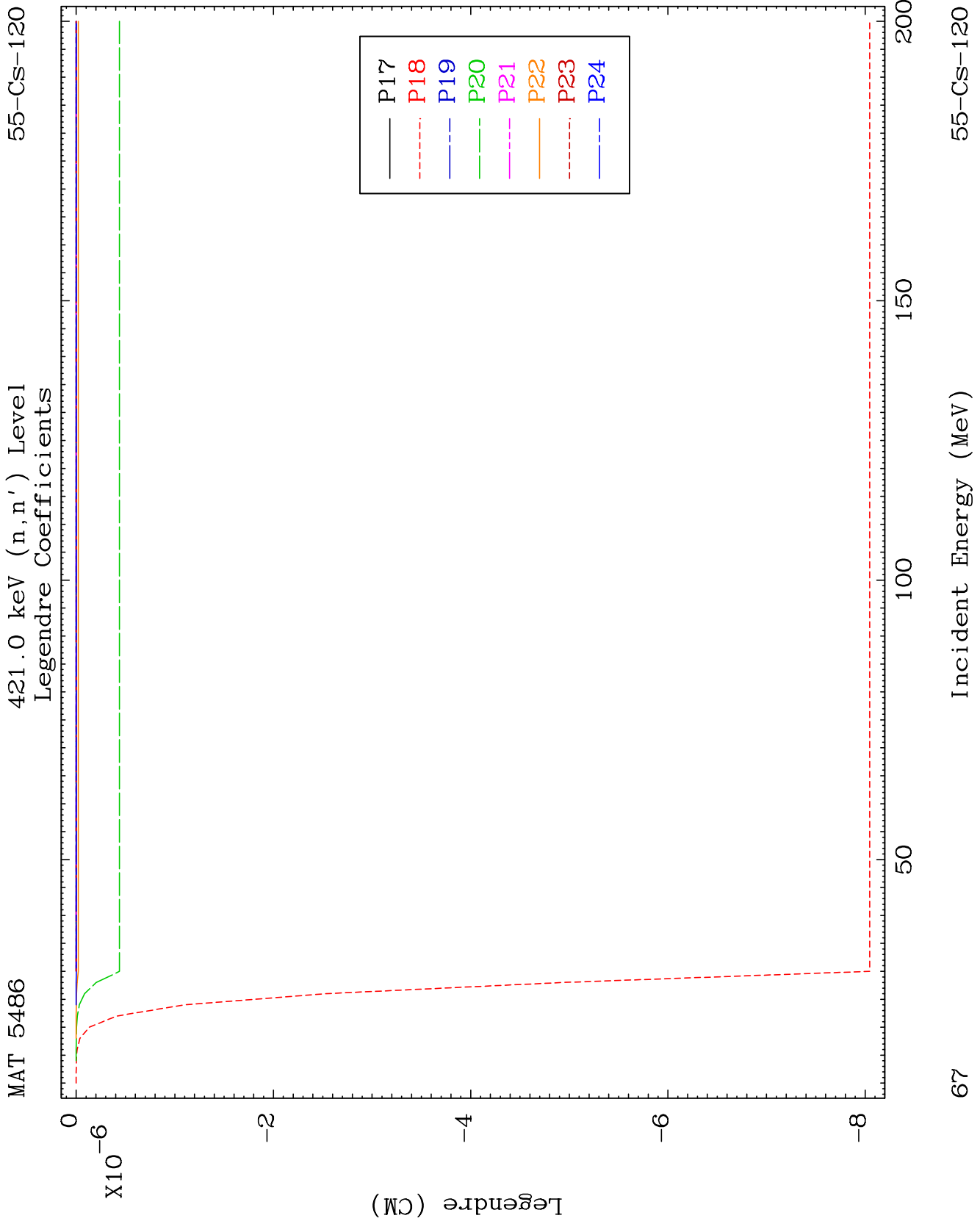
416.6 keV (n, n') Level  
Legendre Coefficients

55-Cs-120





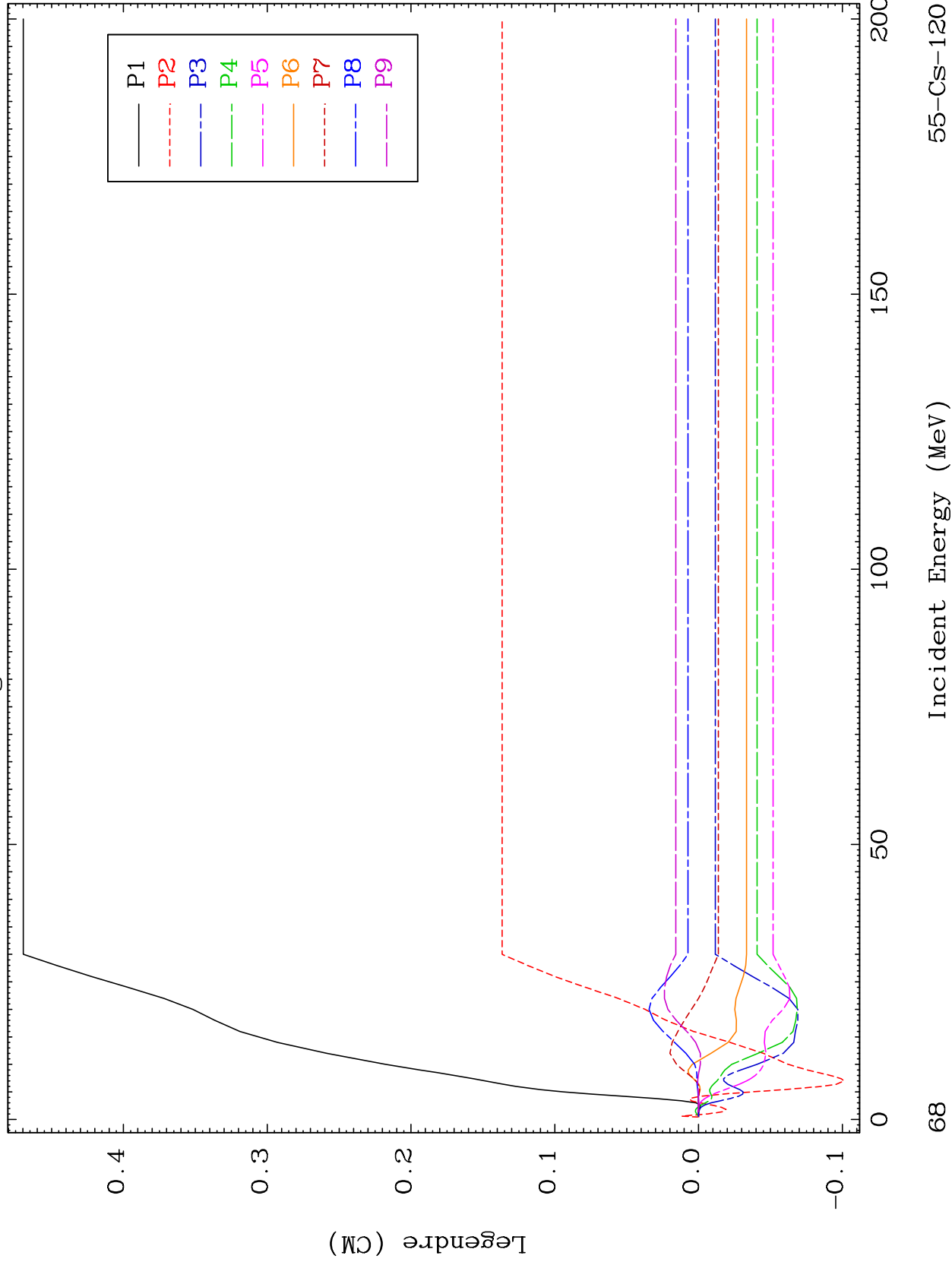




MAT 5486

424.3 keV (n,n') Level  
Legendre Coefficients

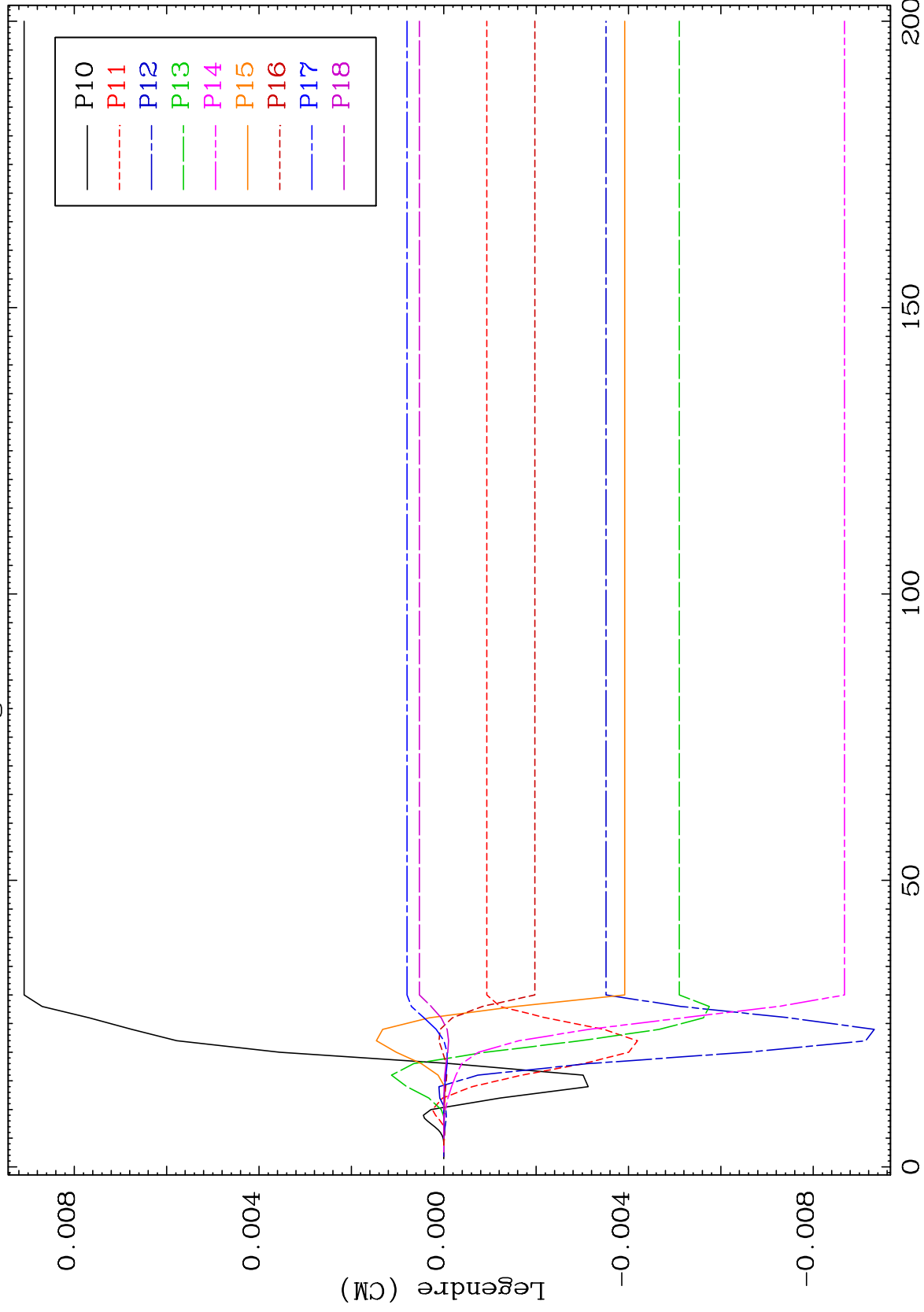
55-Cs-120



MAT 5486

424.3 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



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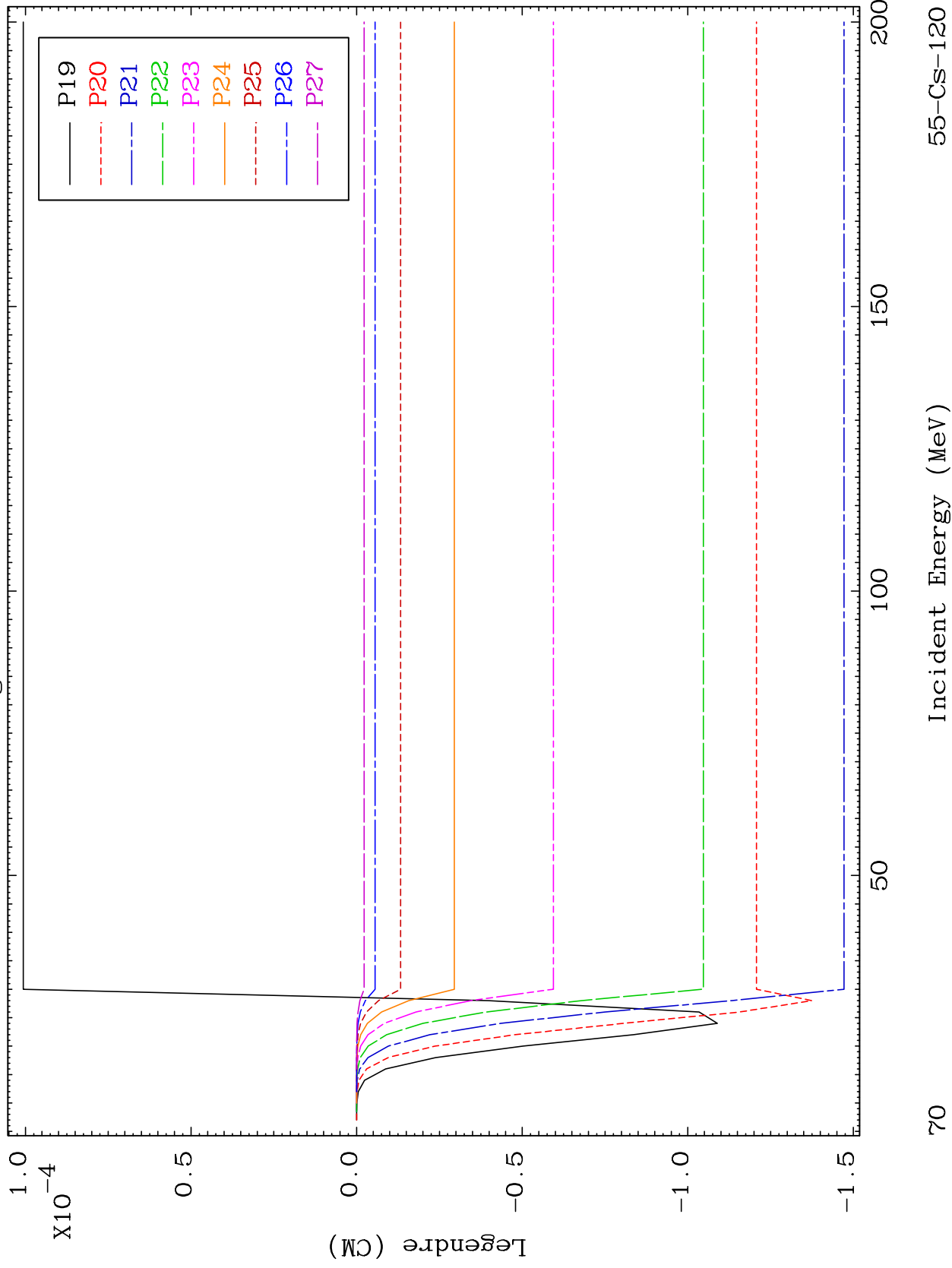
Incident Energy (MeV)

55-Cs-120

MAT 5486

424.3 keV (n,n') Level  
Legendre Coefficients

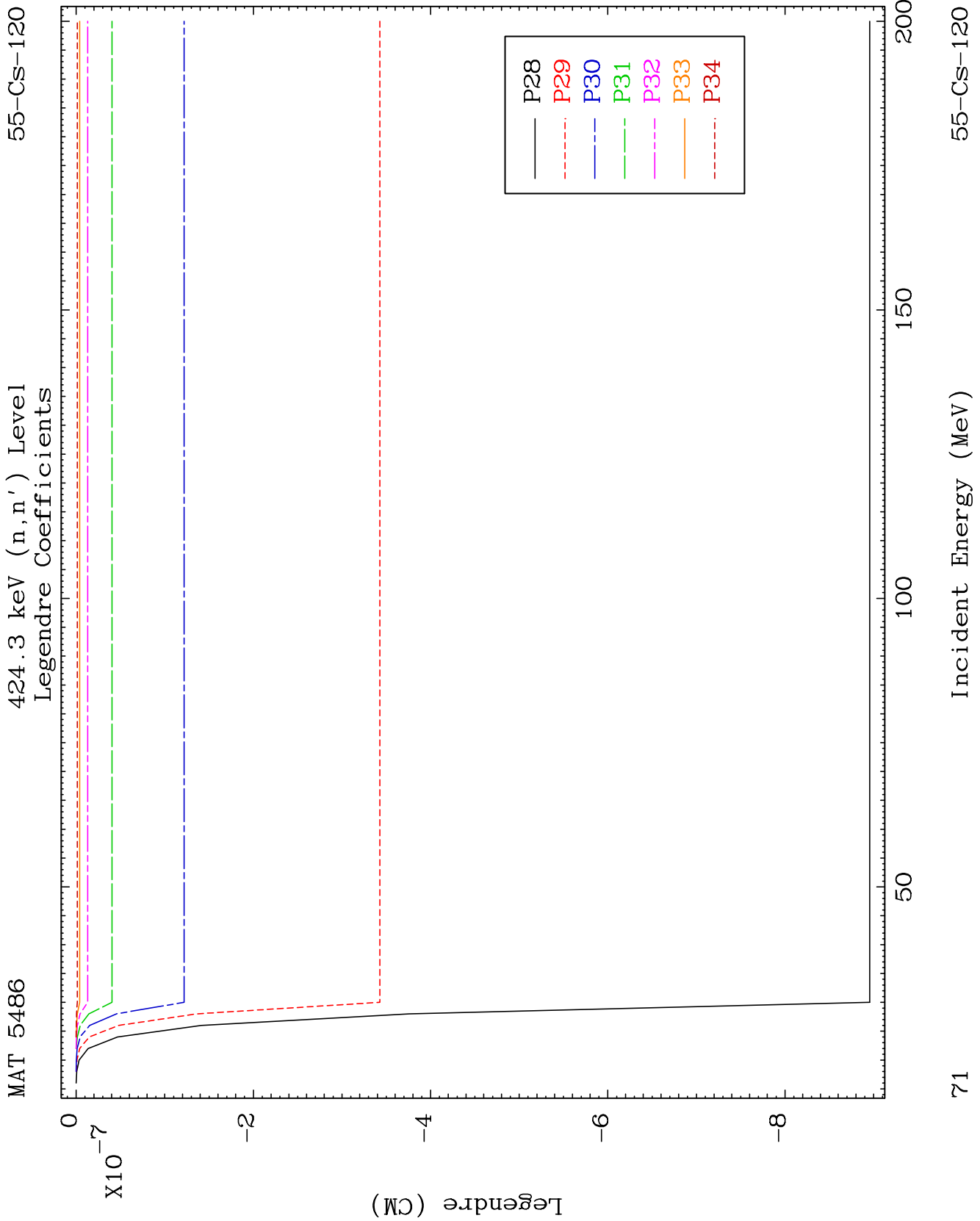
55-Cs-120



70

Incident Energy (MeV)

55-Cs-120

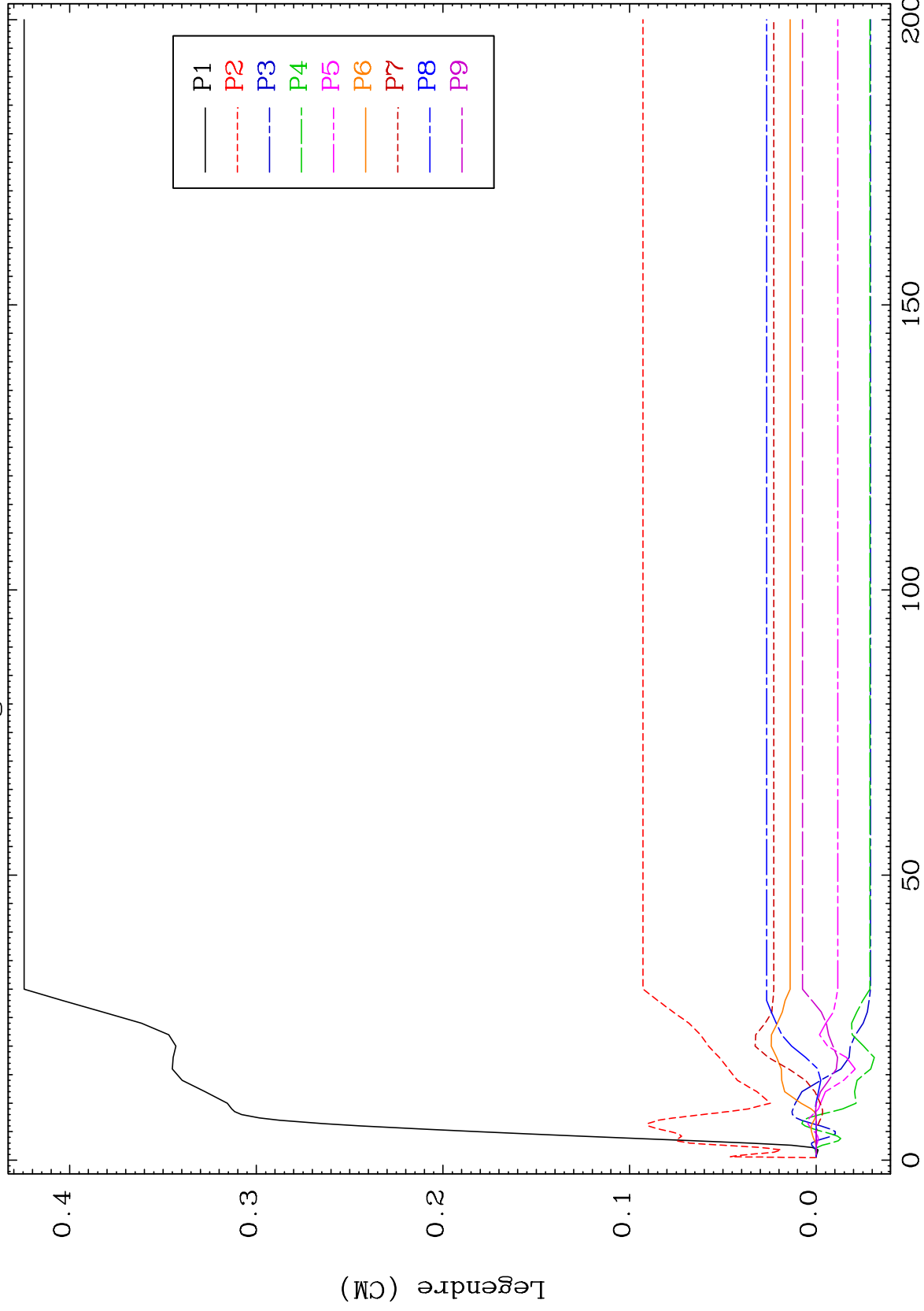




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428.0 keV (n,n') Level  
Legendre Coefficients

55-Cs-120

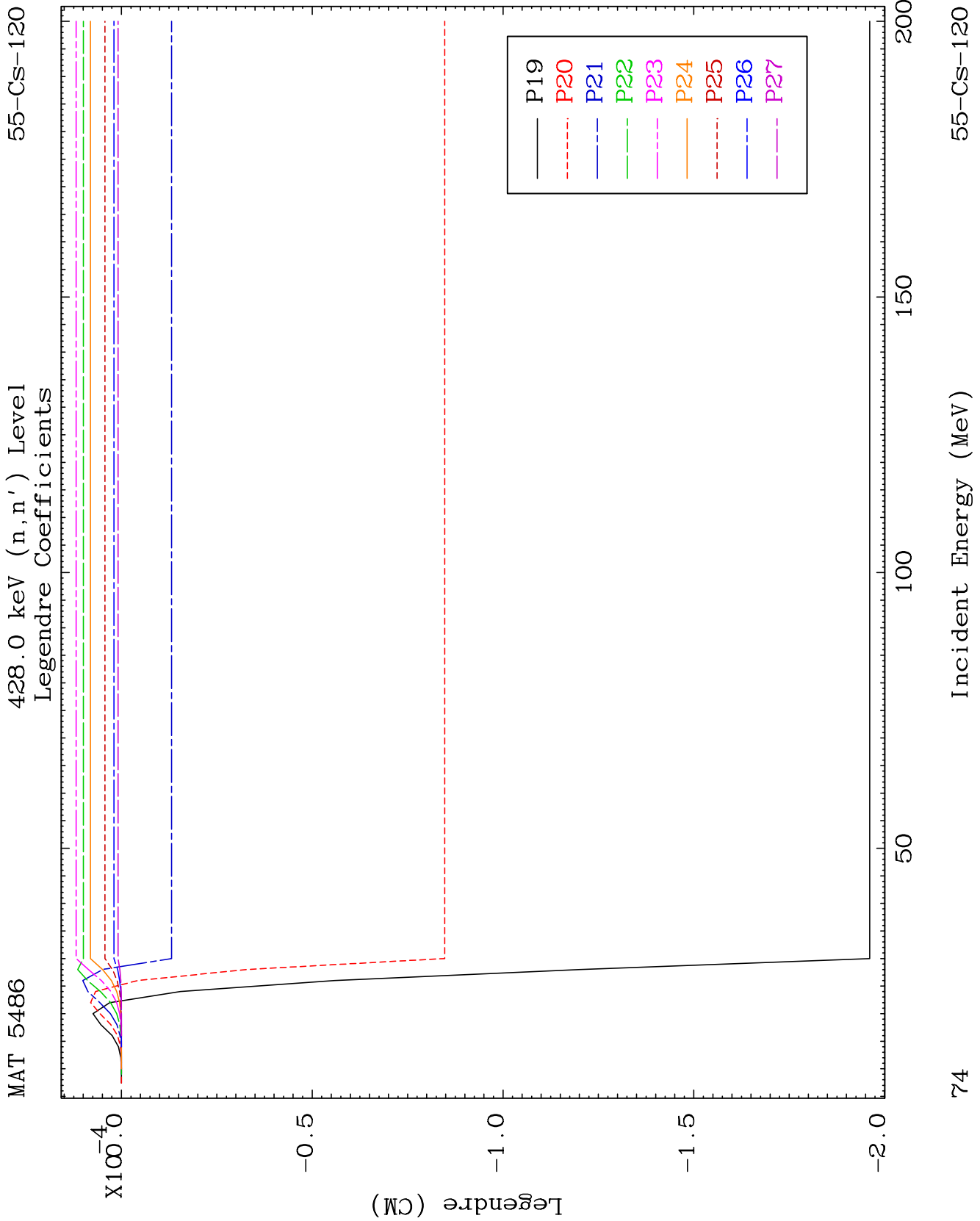


72

Incident Energy (MeV)

55-Cs-120

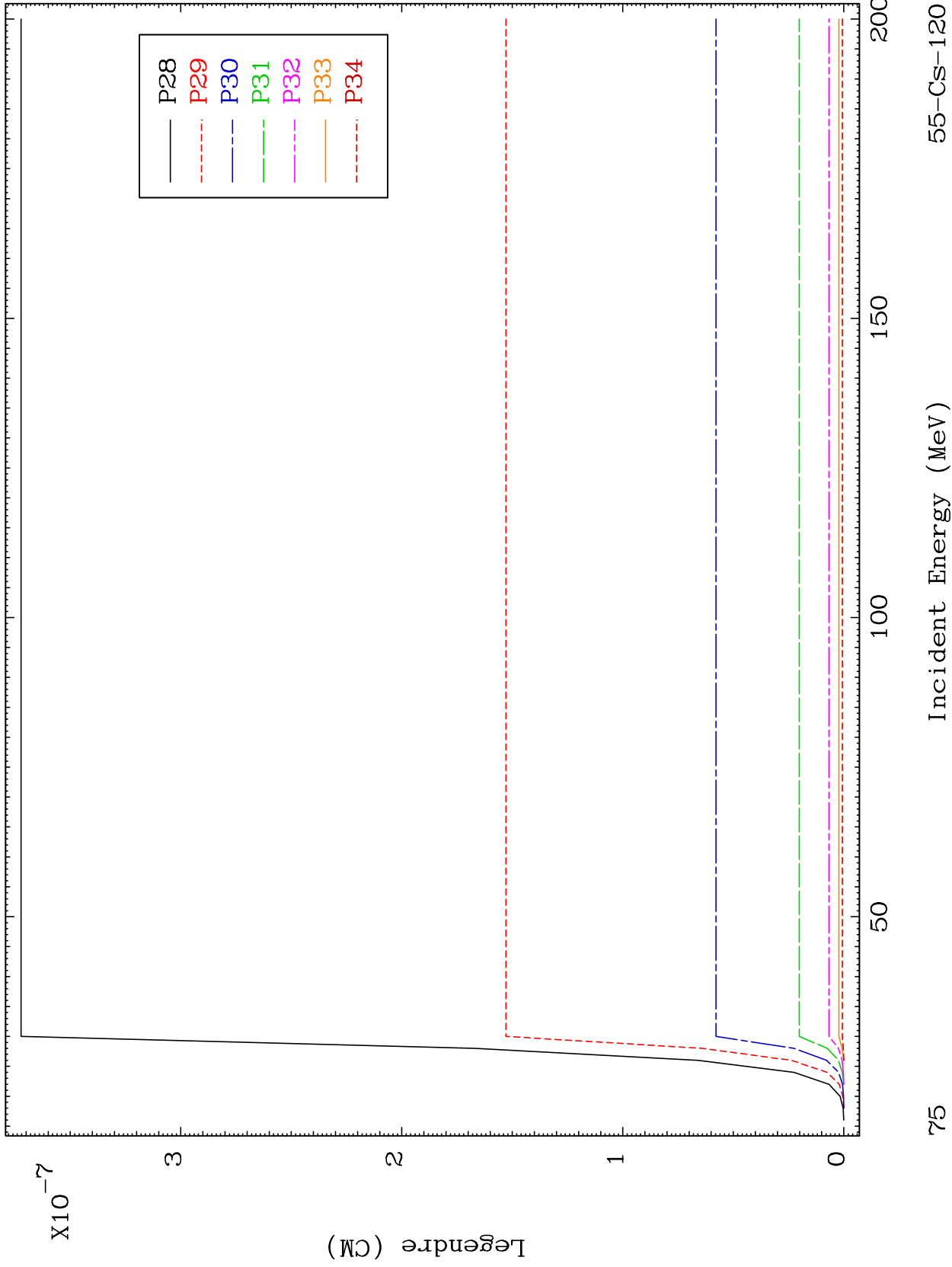




MAT 5486

428.0 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



75

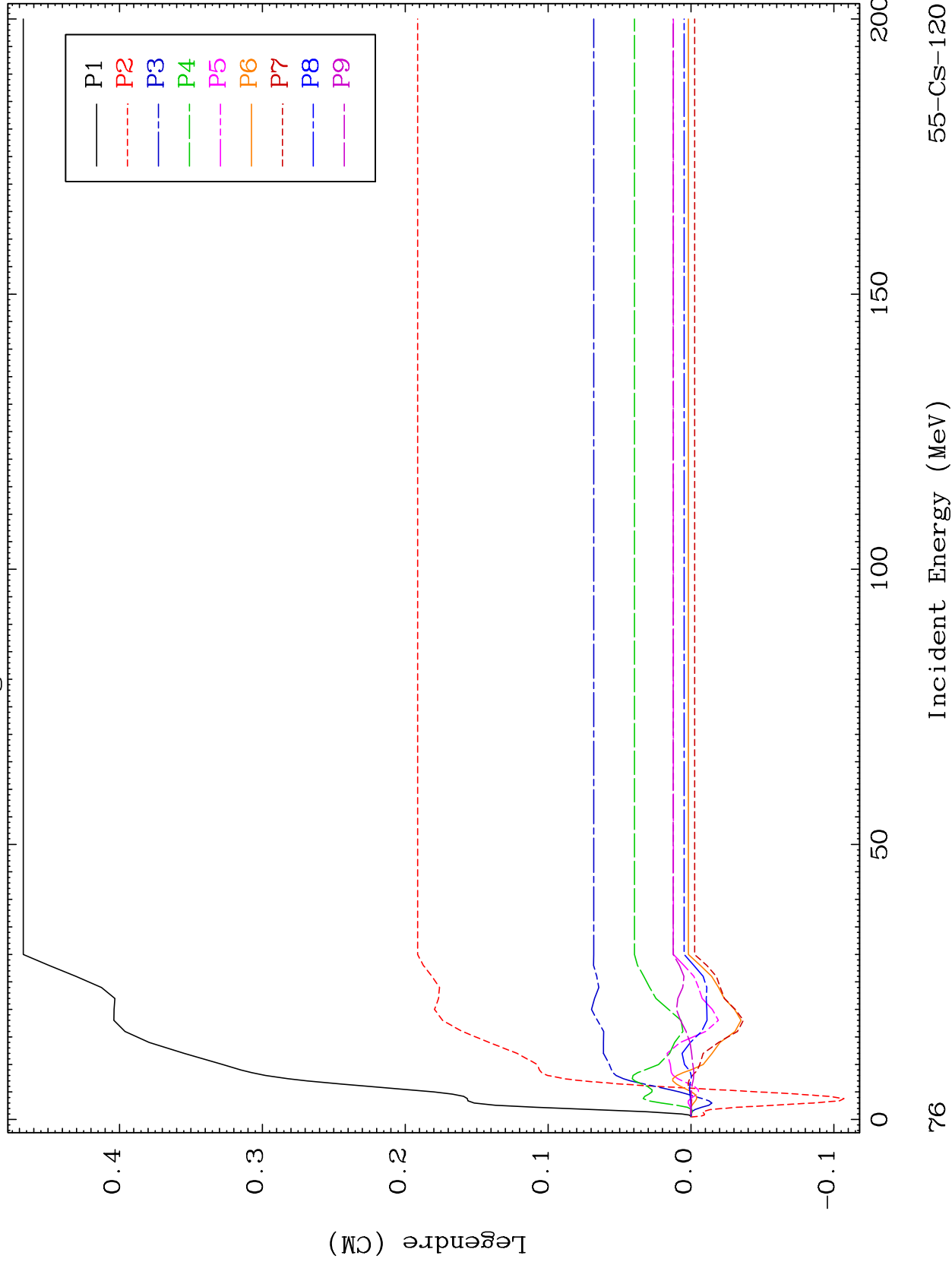
Incident Energy (MeV)

55-Cs-120

MAT 5486

430.8 keV (n,n') Level  
Legendre Coefficients

55-Cs-120

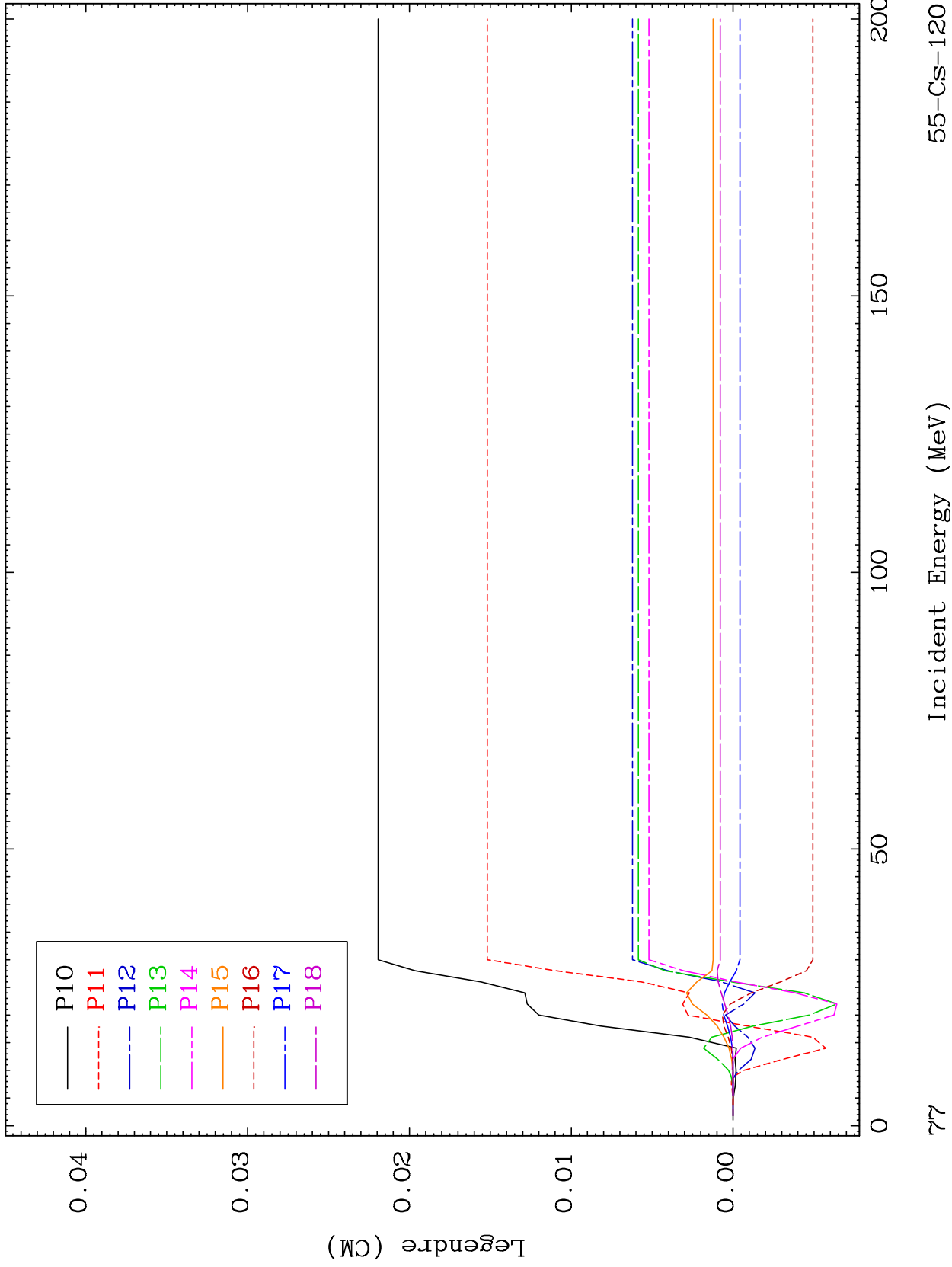


76

MAT 5486

430.8 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



77

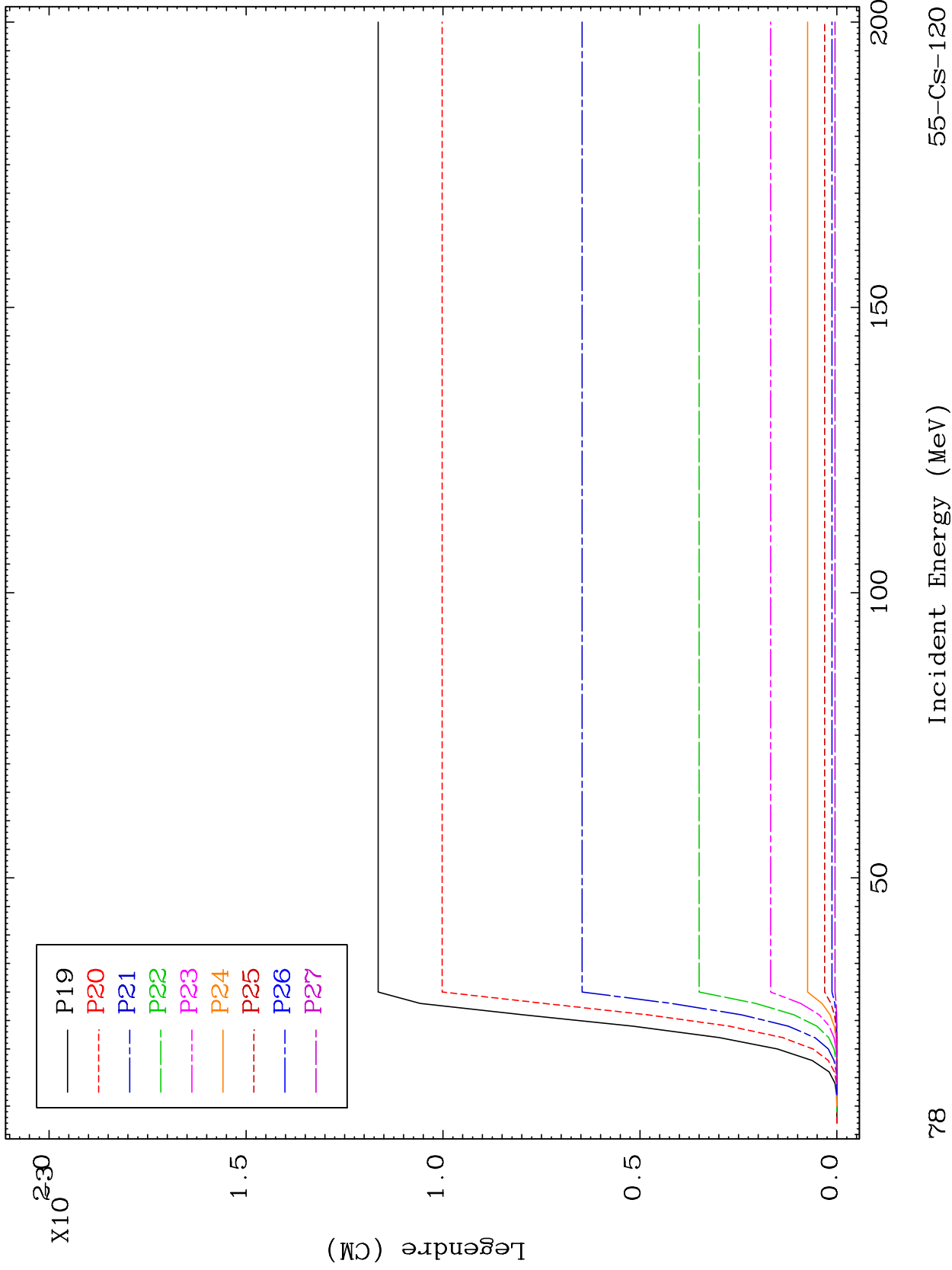
Incident Energy (MeV)

55-Cs-120

MAT 5486

430.8 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



78

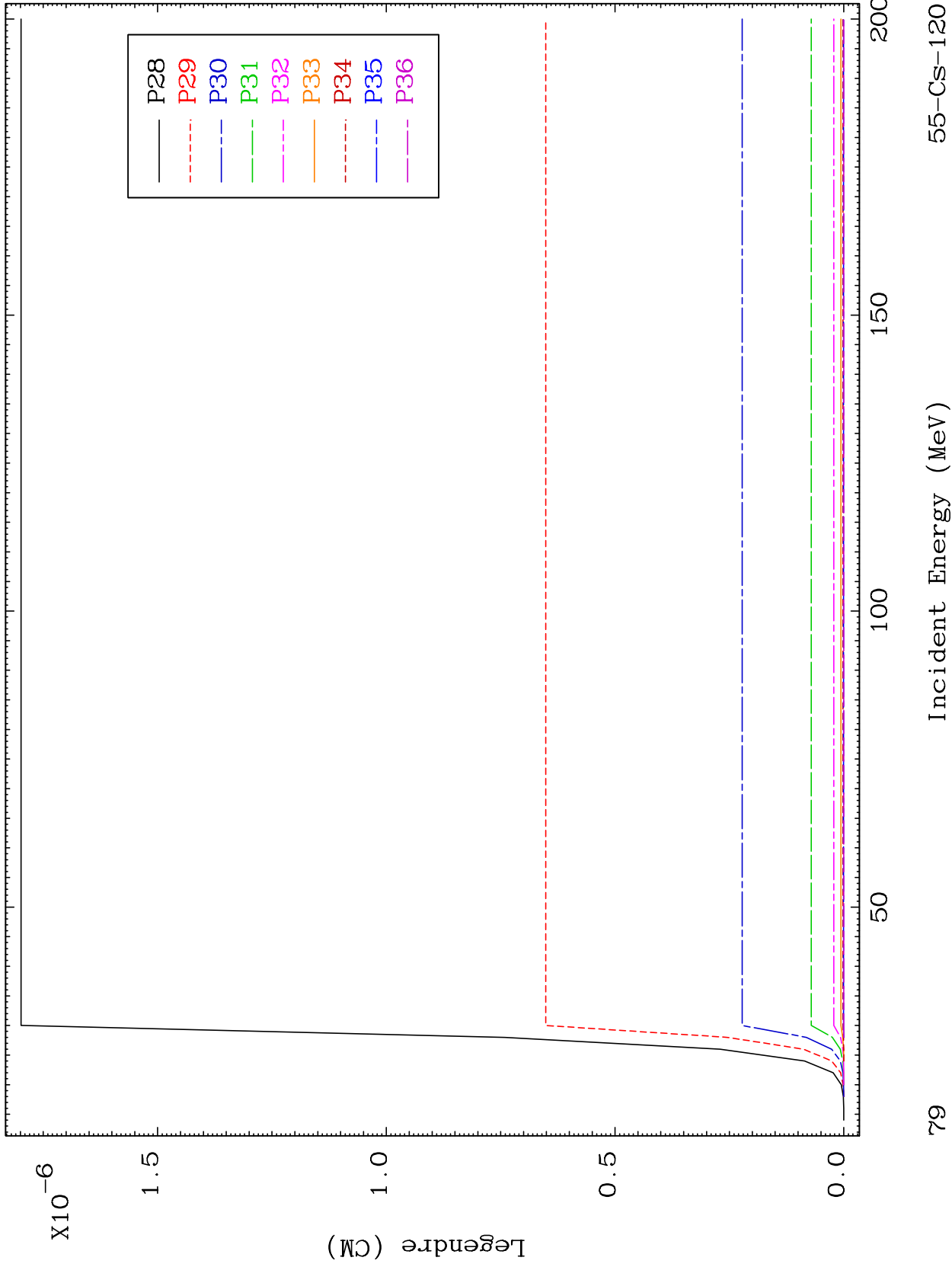
Incident Energy (MeV)

55-Cs-120

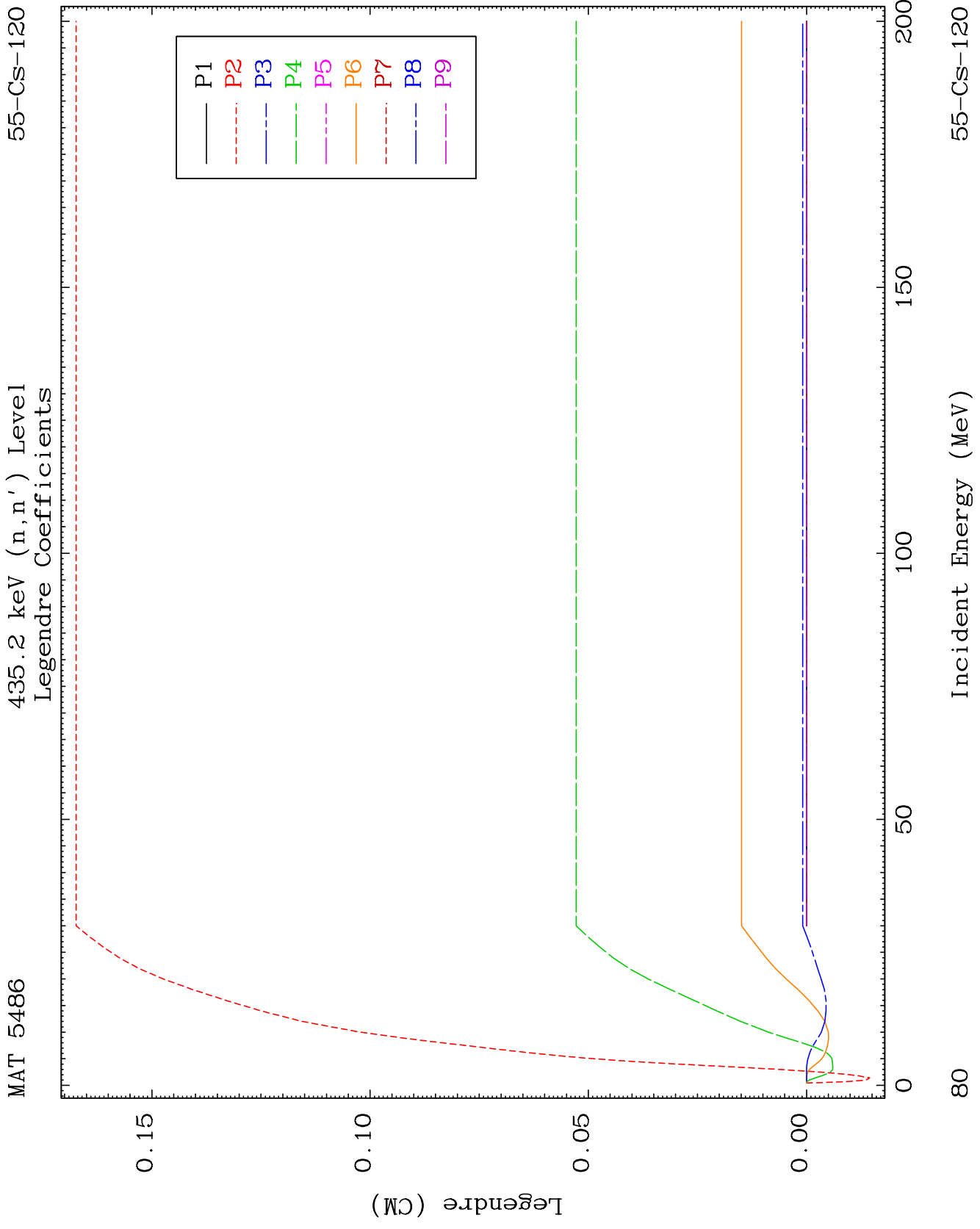
MAT 5486

430.8 keV (n,n') Level  
Legendre Coefficients

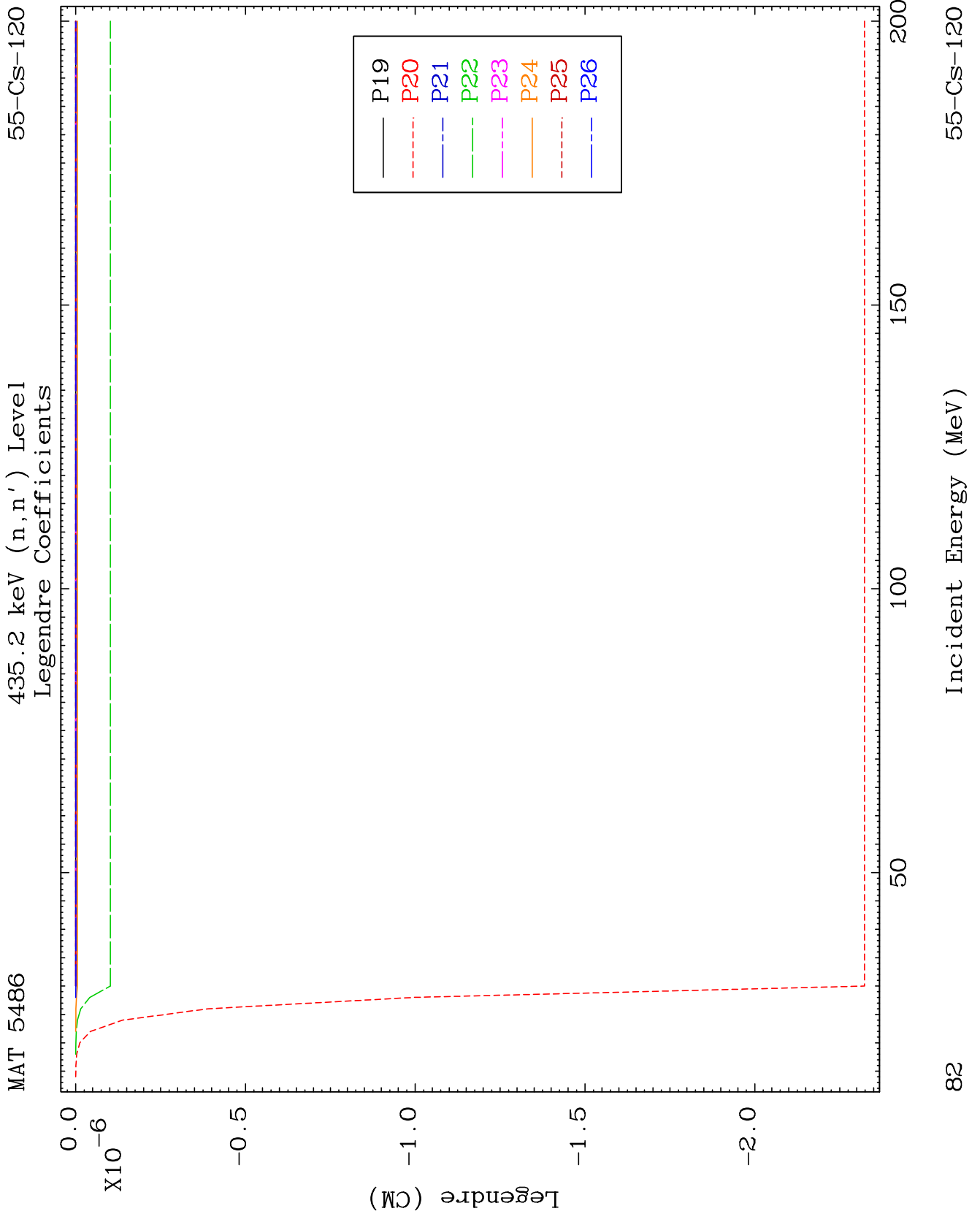
55-Cs-120

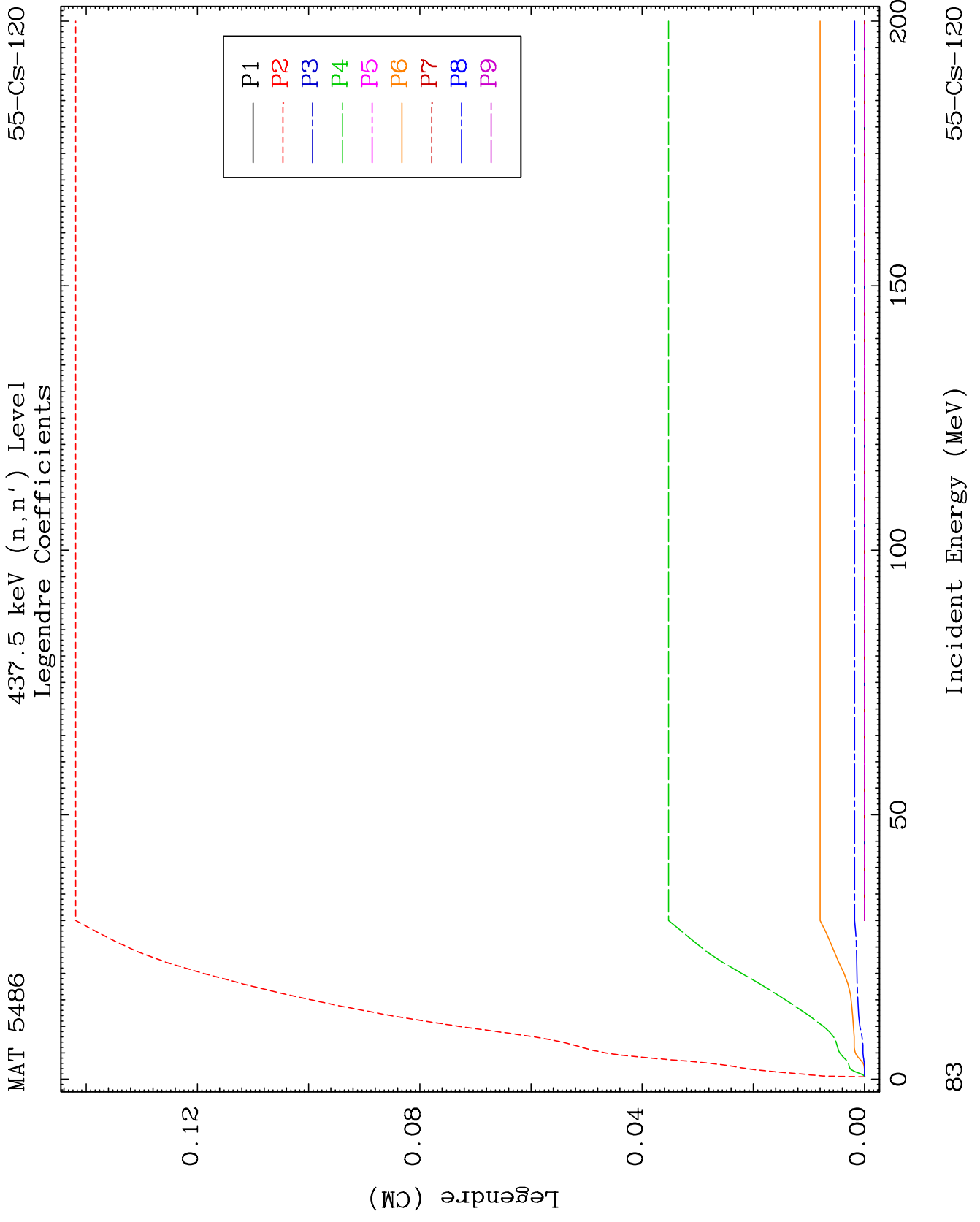








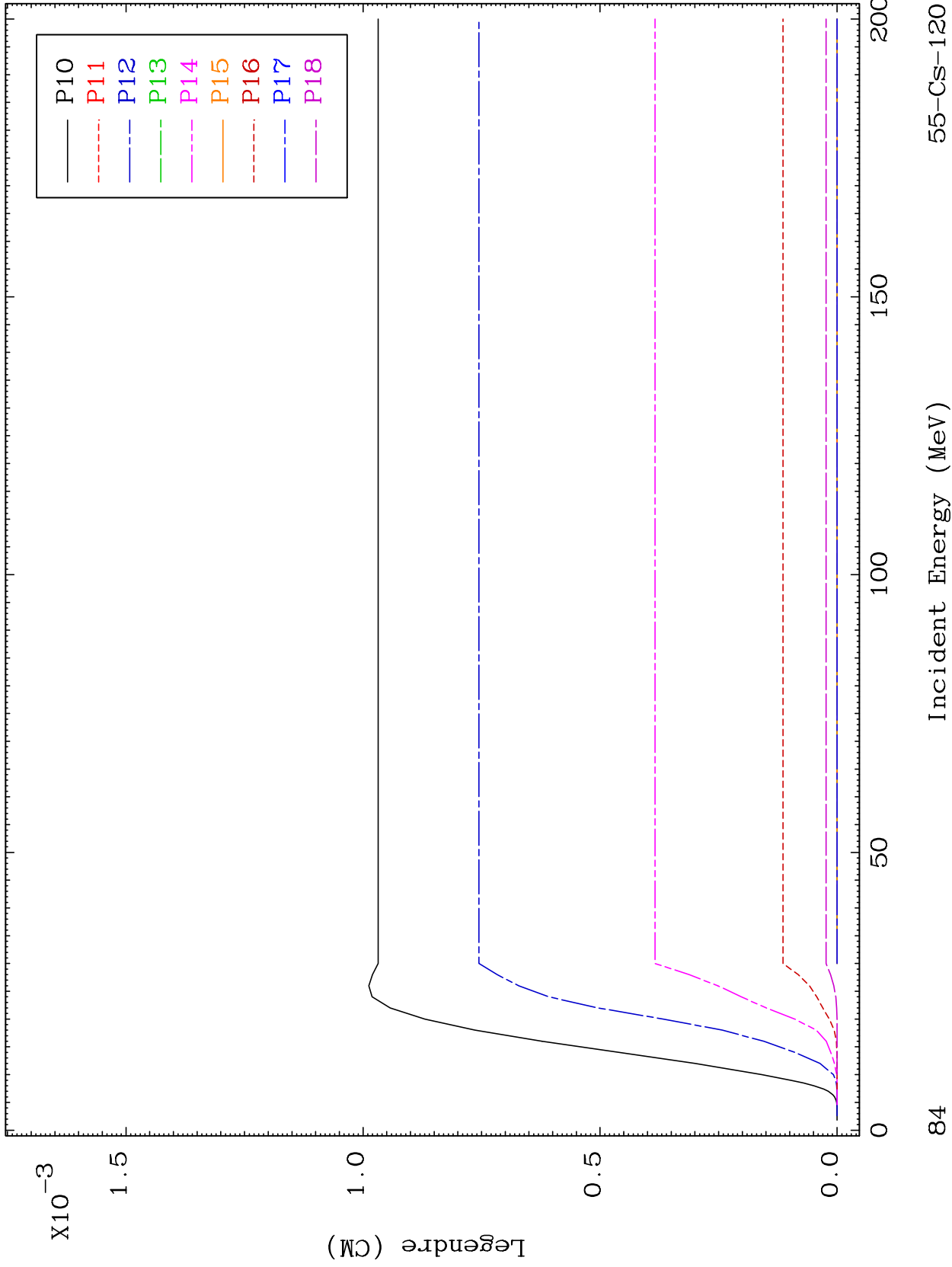


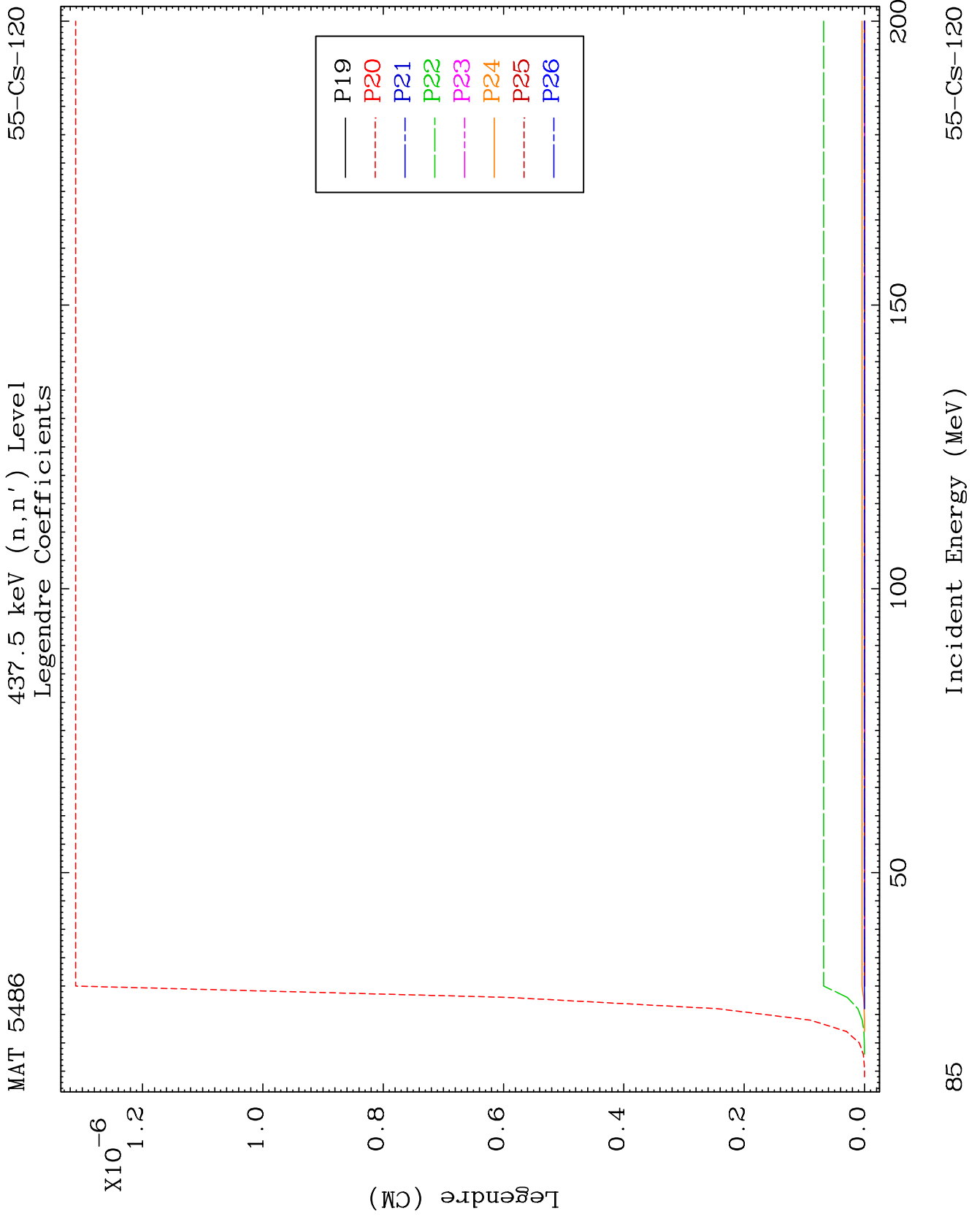


MAT 5486

437.5 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



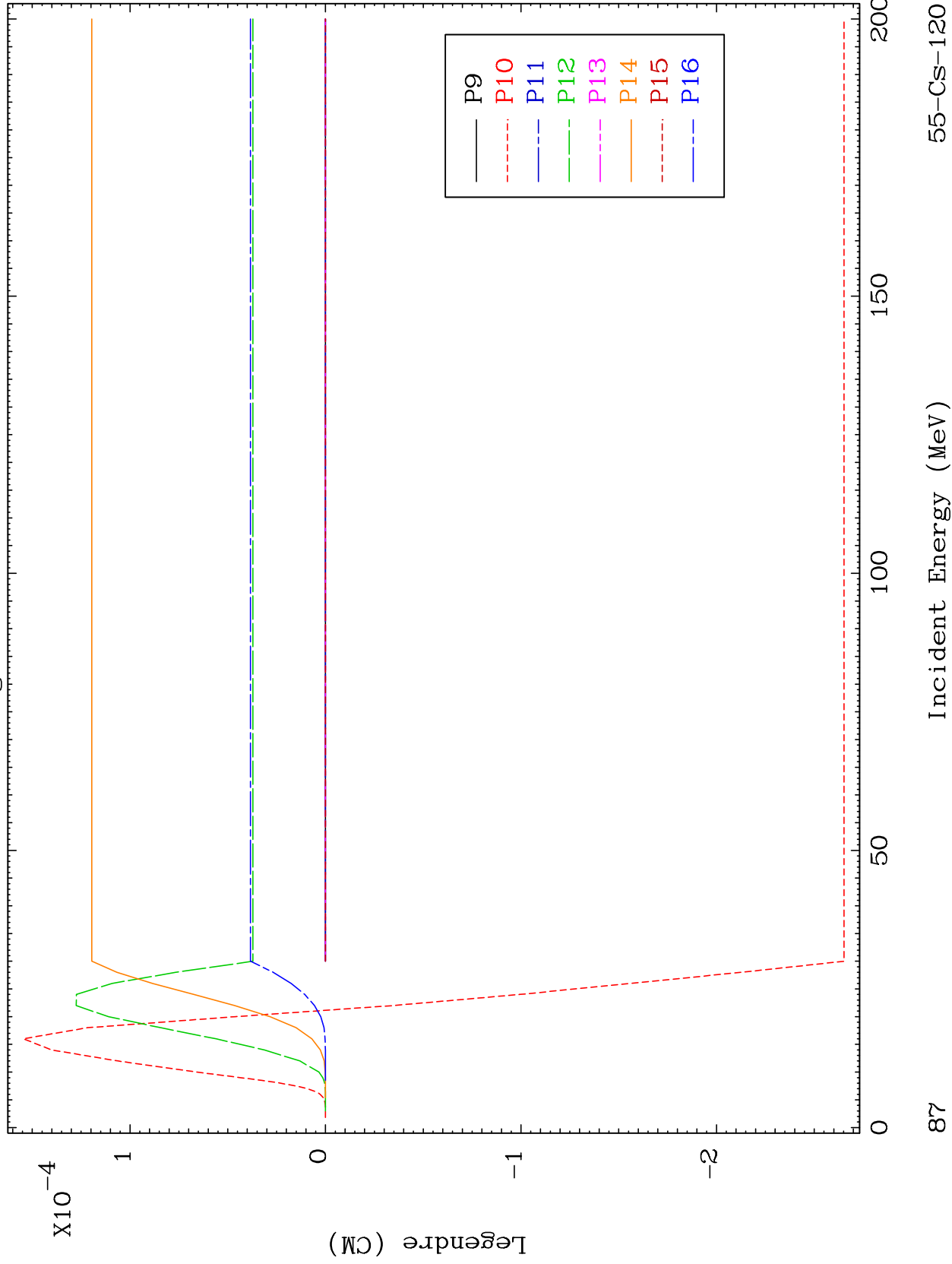




MAT 5486

443.6 keV (n,n') Level  
Legendre Coefficients

55-Cs-120

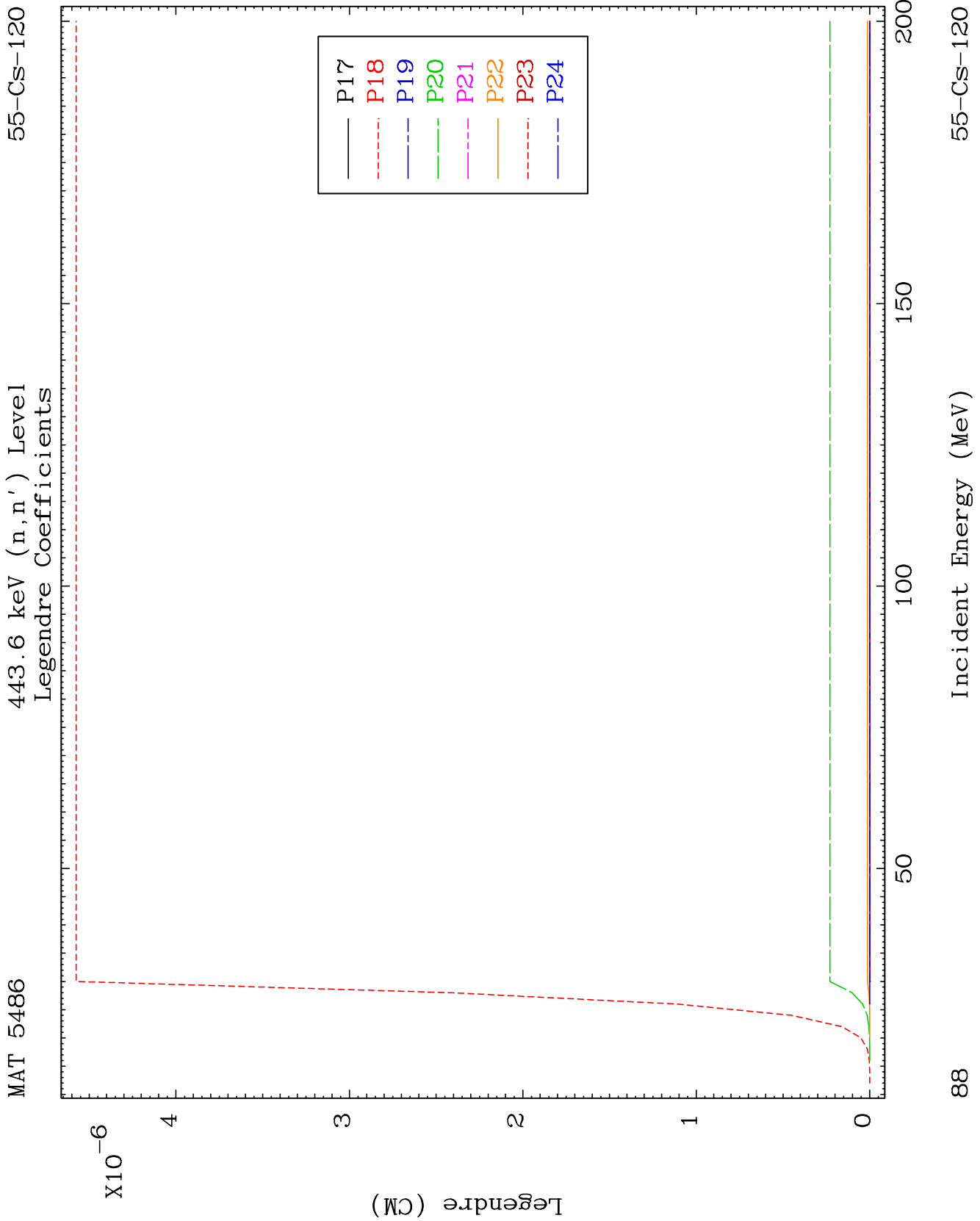


87

Incident Energy (MeV)

55-Cs-120

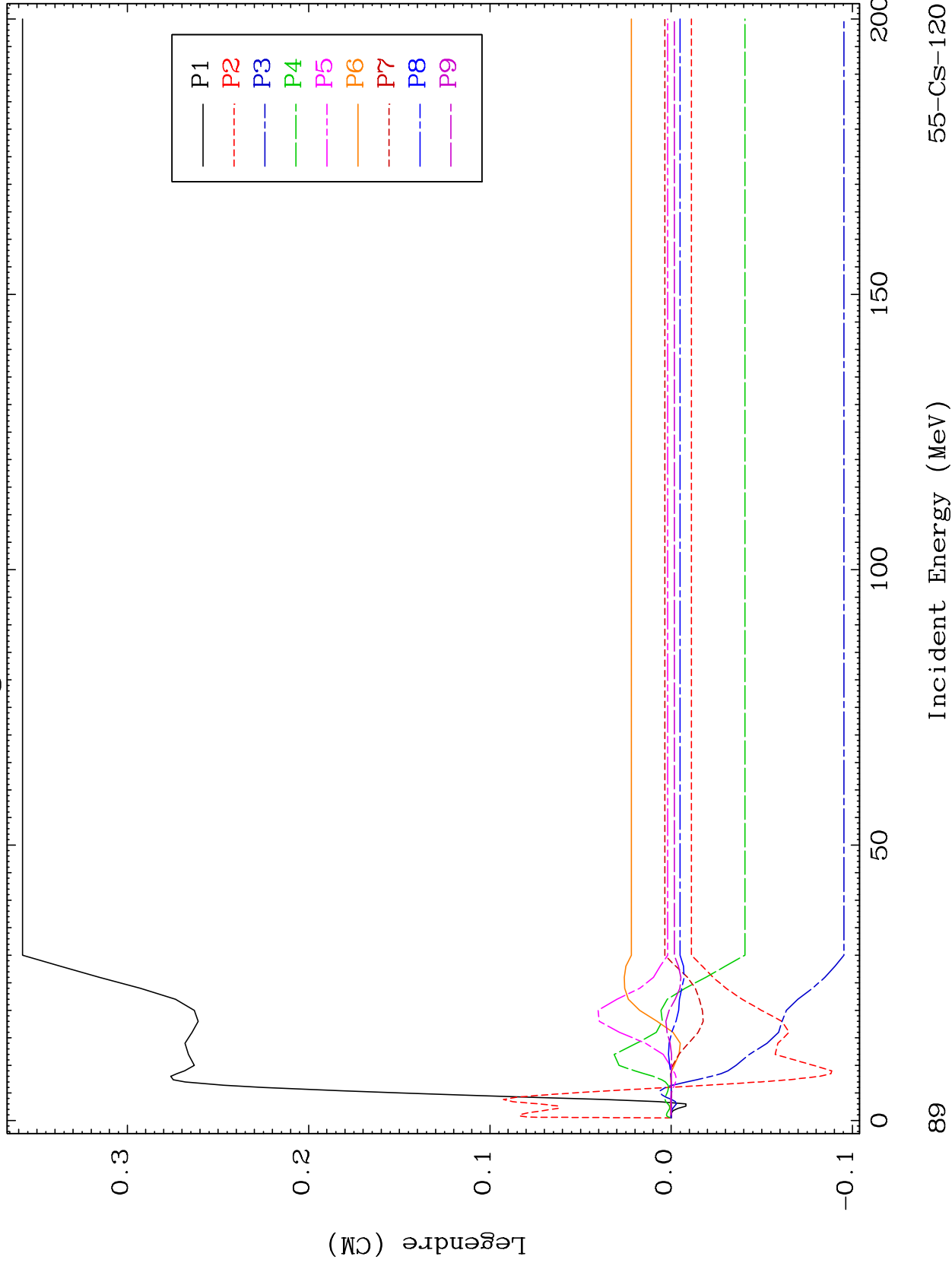




MAT 5486

448.8 keV (n,n') Level  
Legendre Coefficients

55-Cs-120



89

Incident Energy (MeV)

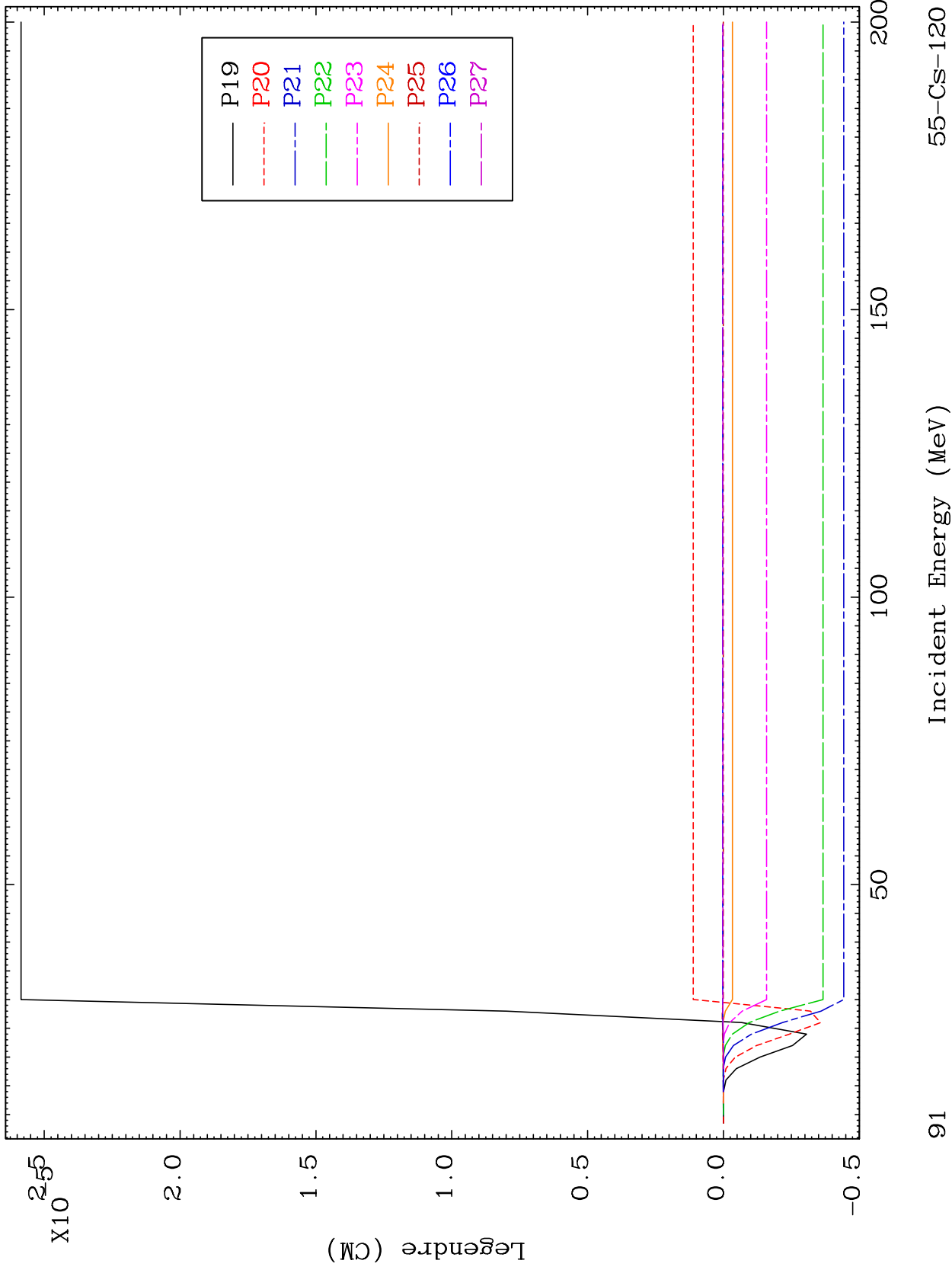
55-Cs-120

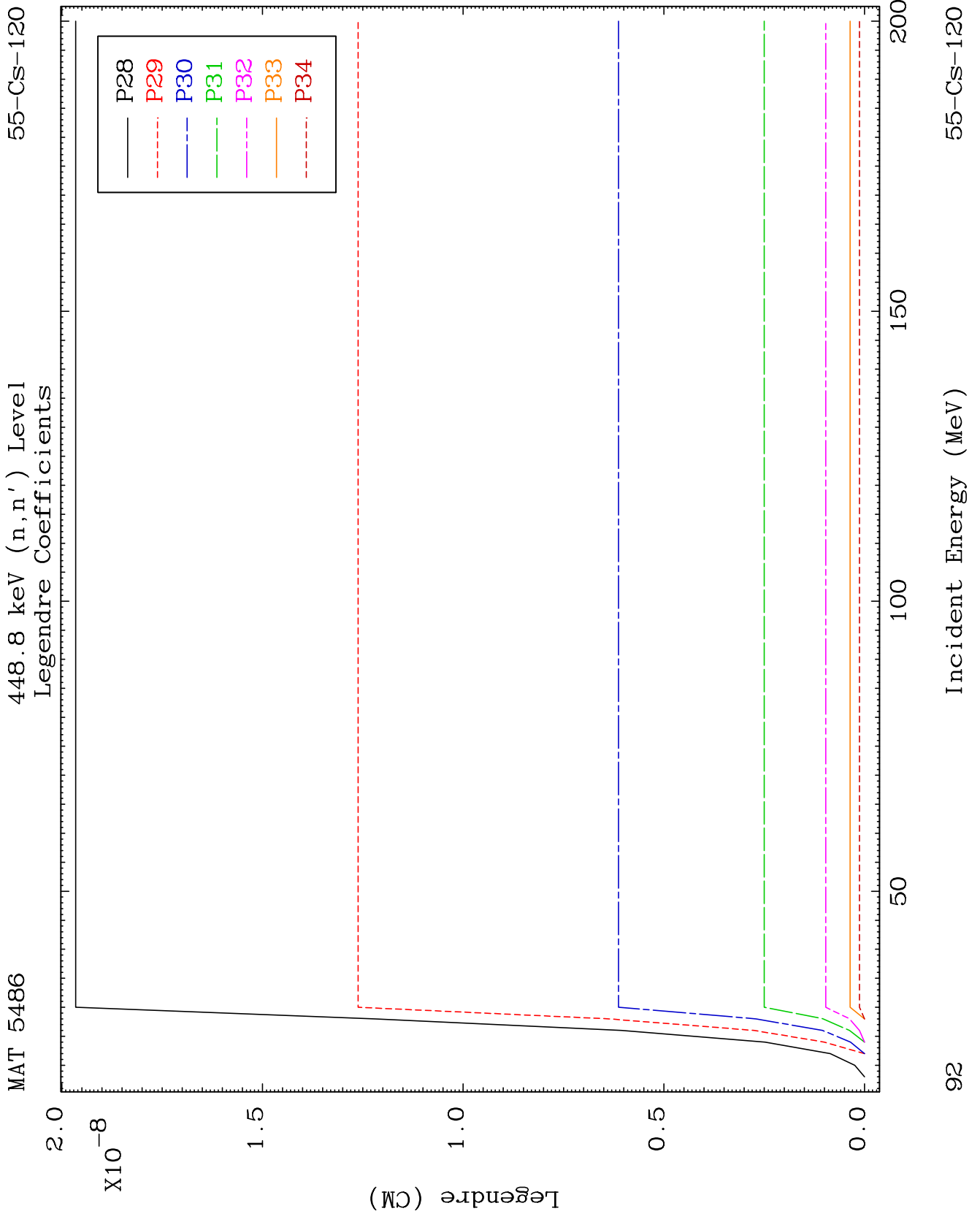


MAT 5486

448.8 keV (n,n') Level  
Legendre Coefficients

55-Cs-120

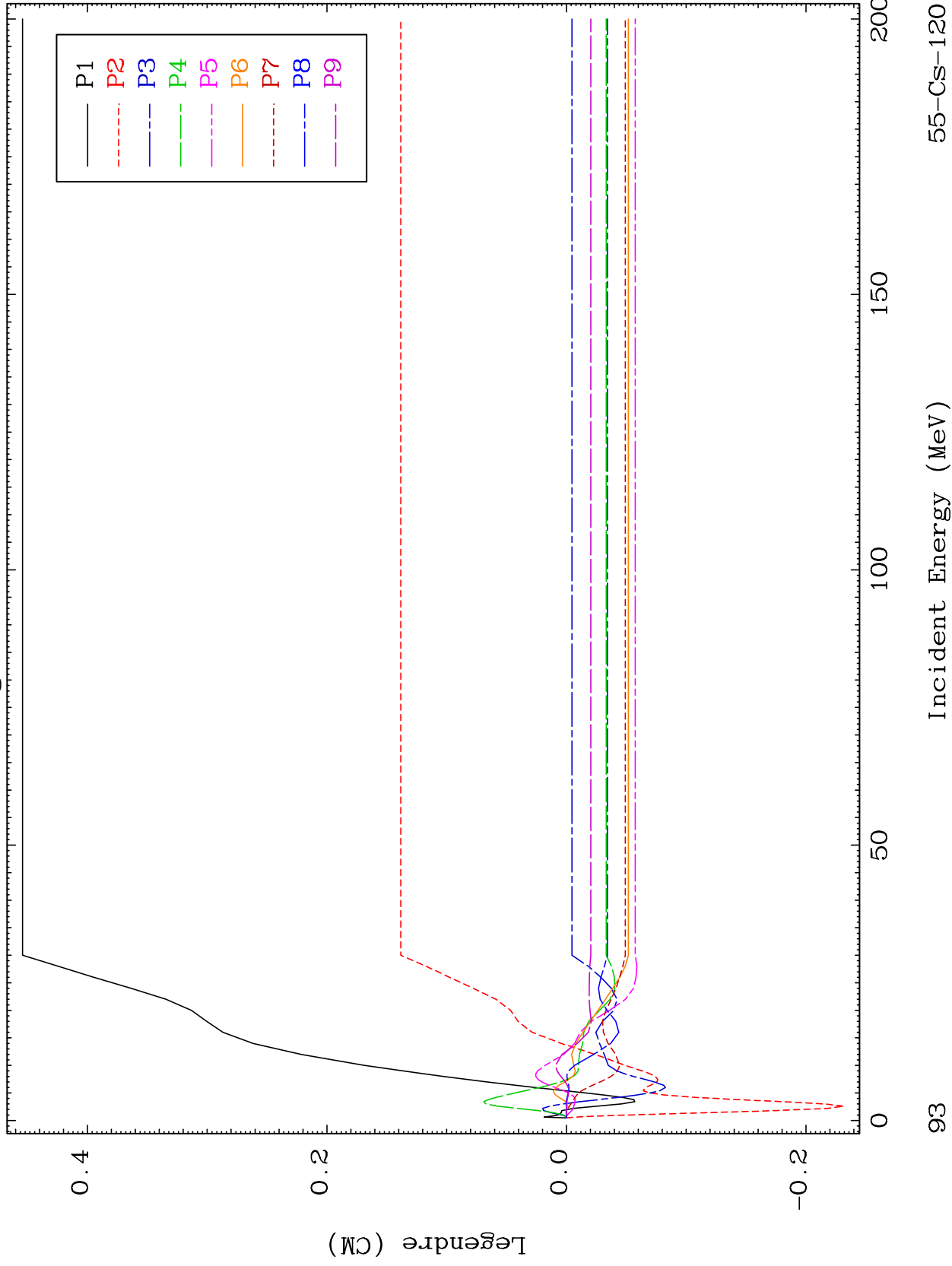




MAT 5486

454.3 keV (n,n') Level  
Legendre Coefficients

55-Cs-120

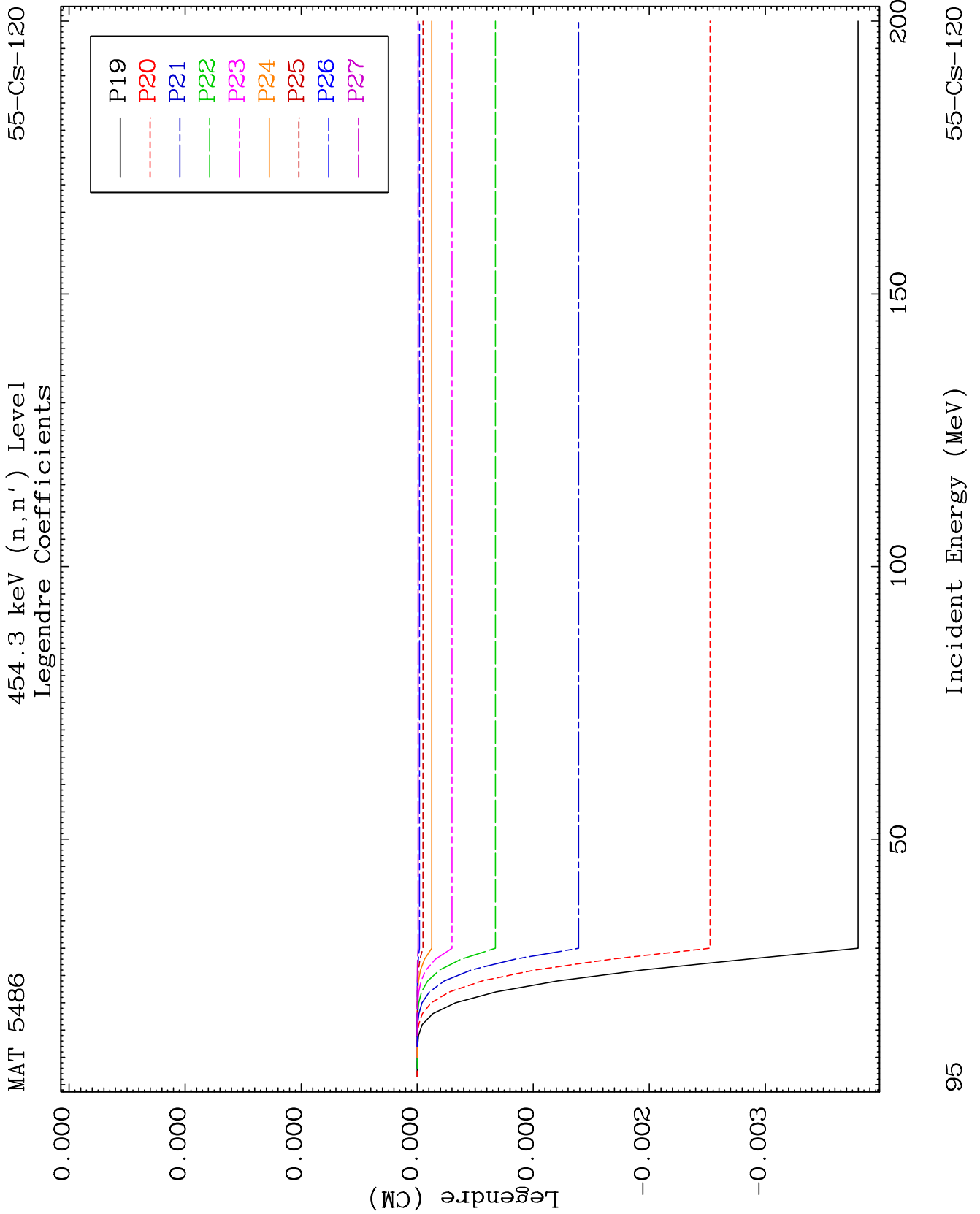


55-Cs-120

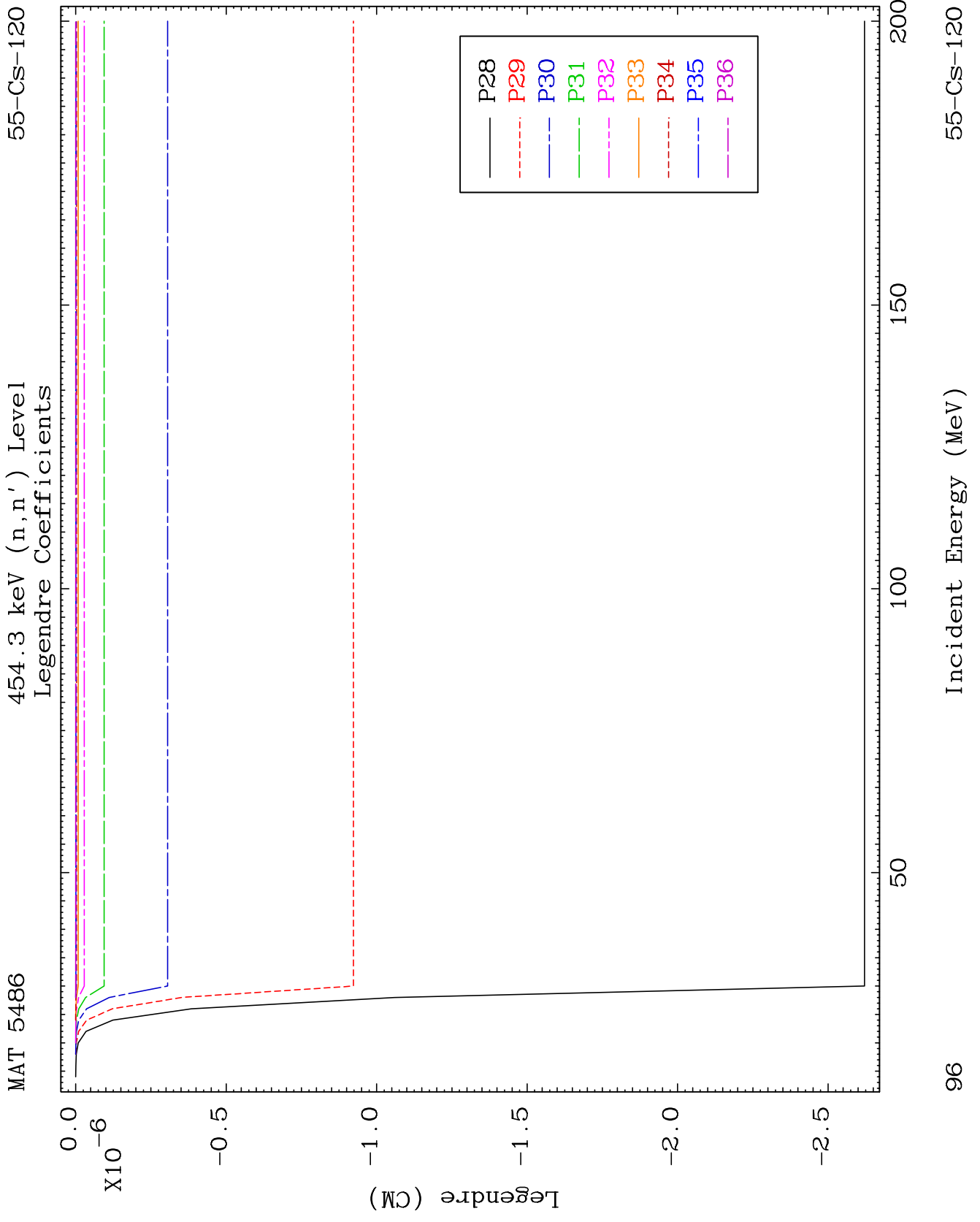
Incident Energy (MeV)

93





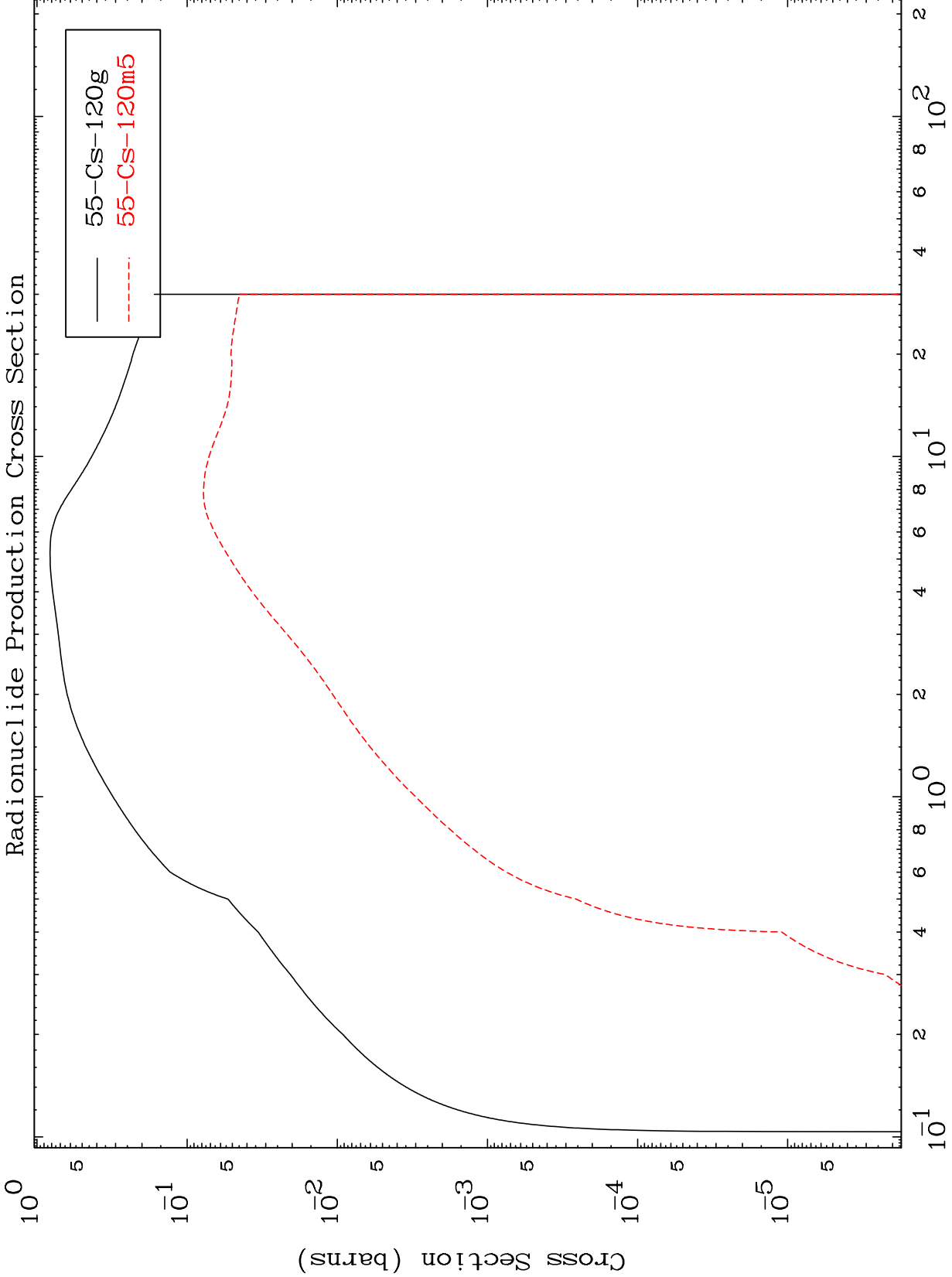




MAT 5486

Inelastic  
Radionuclide Production Cross Section

55-Cs-120



55-Cs-120g  
55-Cs-120m5

97

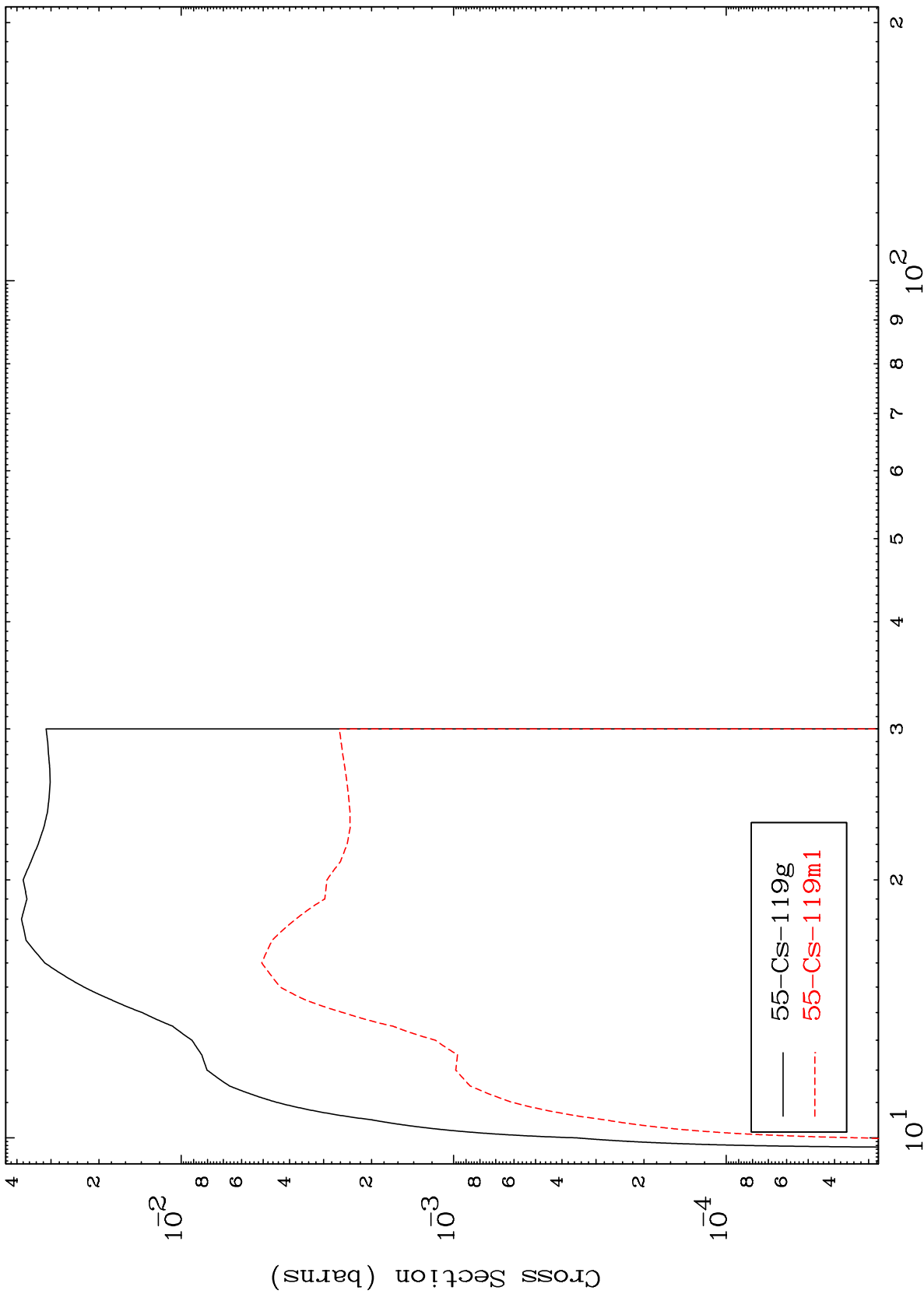
Incident Energy (MeV)

55-Cs-120

MAT 5486

55-Cs-120

(n,2n)  
Radionuclide Production Cross Section



55-Cs-120

Incident Energy (MeV)

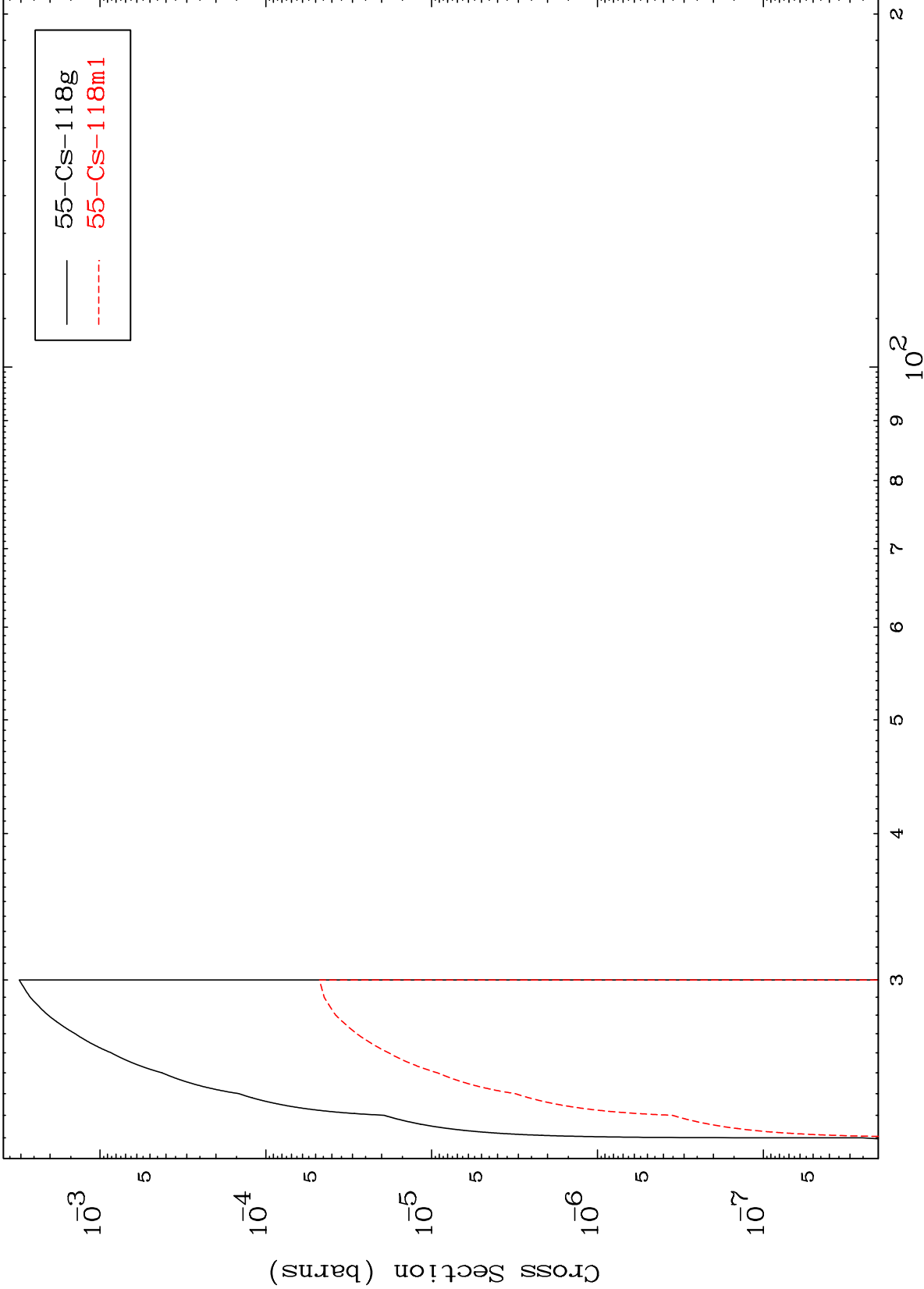
98

MAT 5486

(n,3n)

55-Cs-120

Radionuclide Production Cross Section



55-Cs-118g  
55-Cs-118m1

99

Incident Energy (MeV)

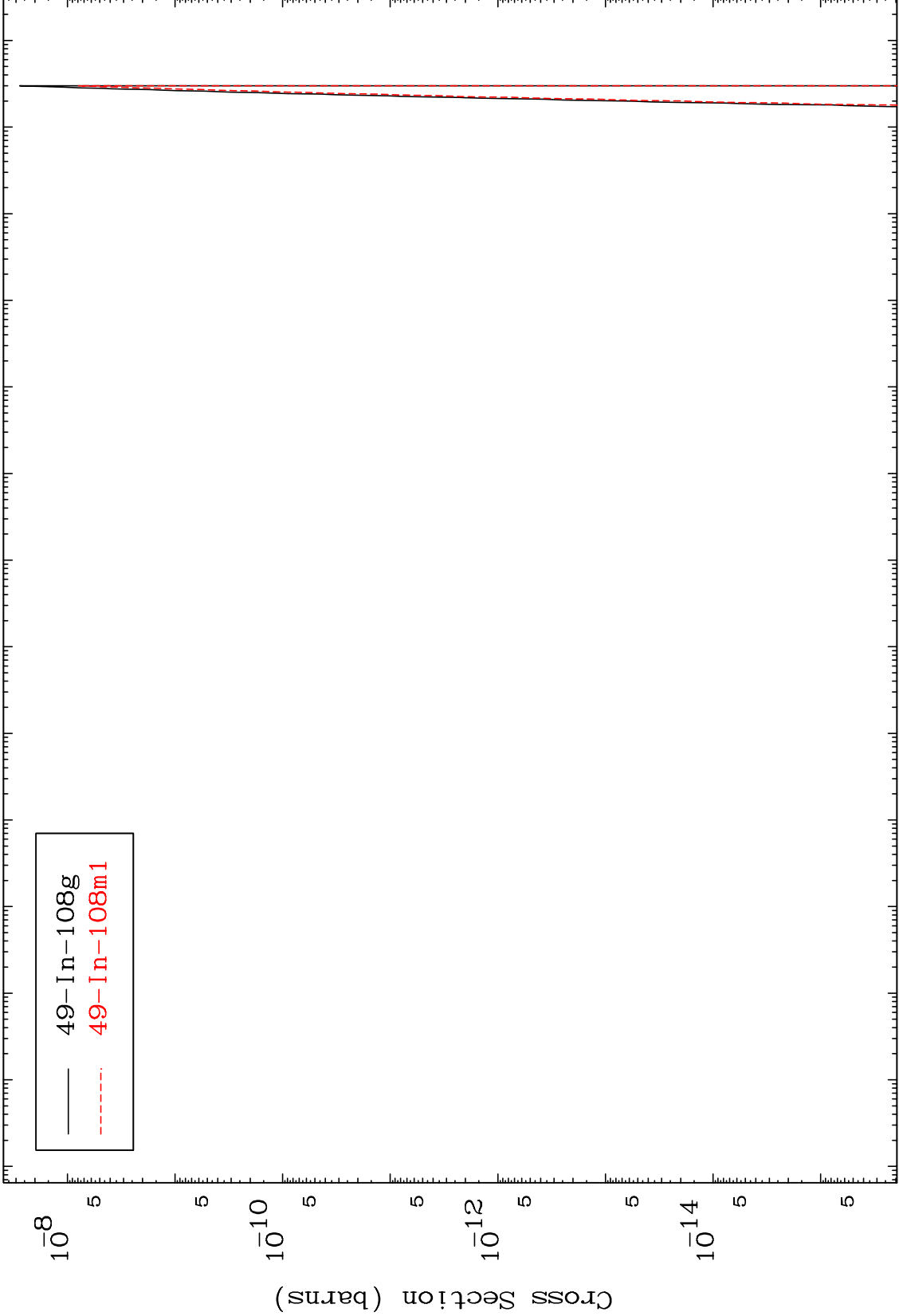
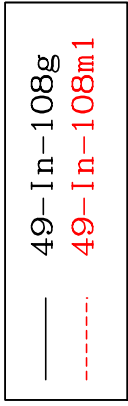
55-Cs-120

MAT 5486

(n,n') 3 $\alpha$

55-Cs-120

Radionuclide Production Cross Section



100

Incident Energy (MeV)

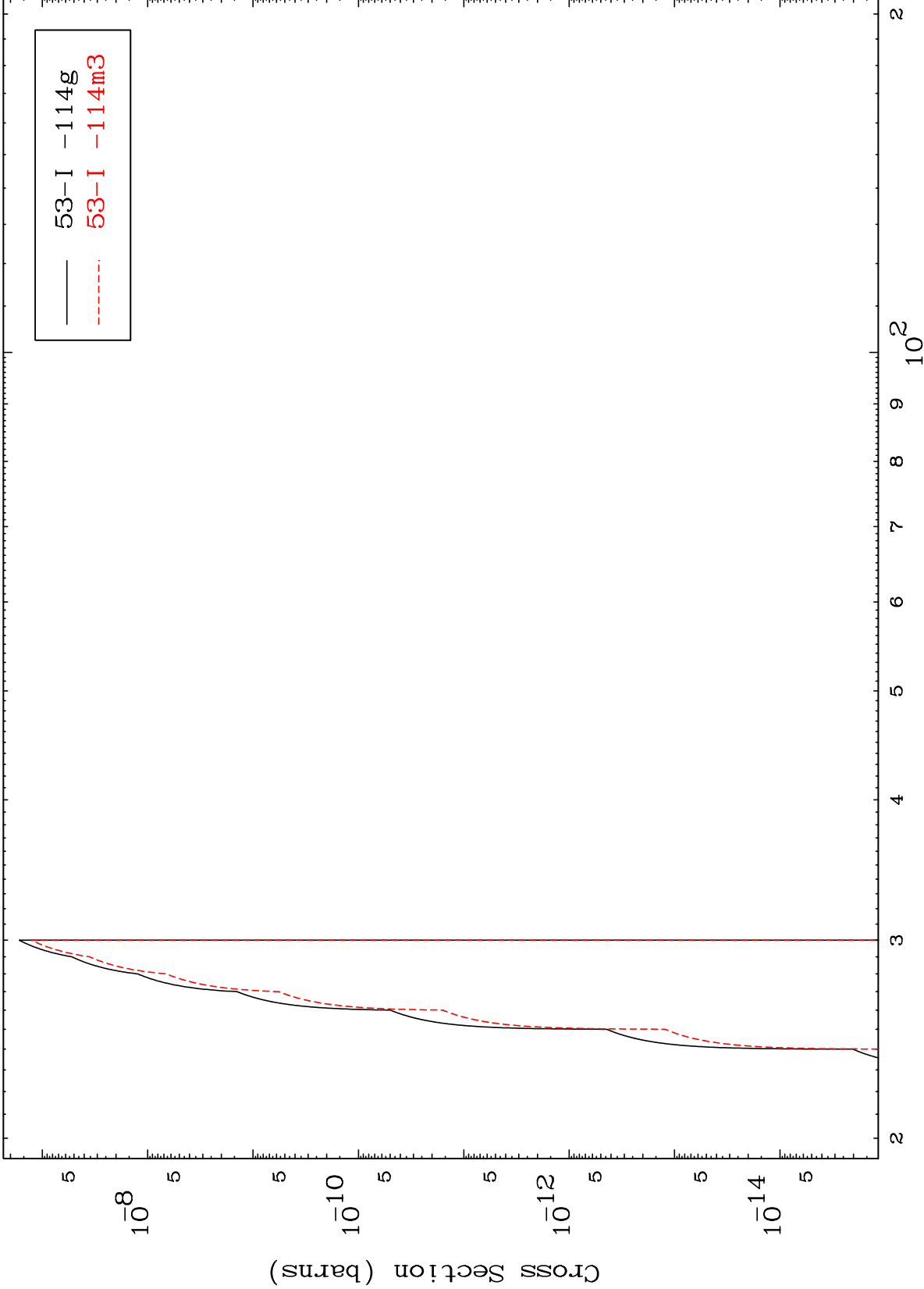
55-Cs-120

MAT 5486

(n,3n)  $\alpha$

55-Cs-120

Radionuclide Production Cross Section



101

Incident Energy (MeV)

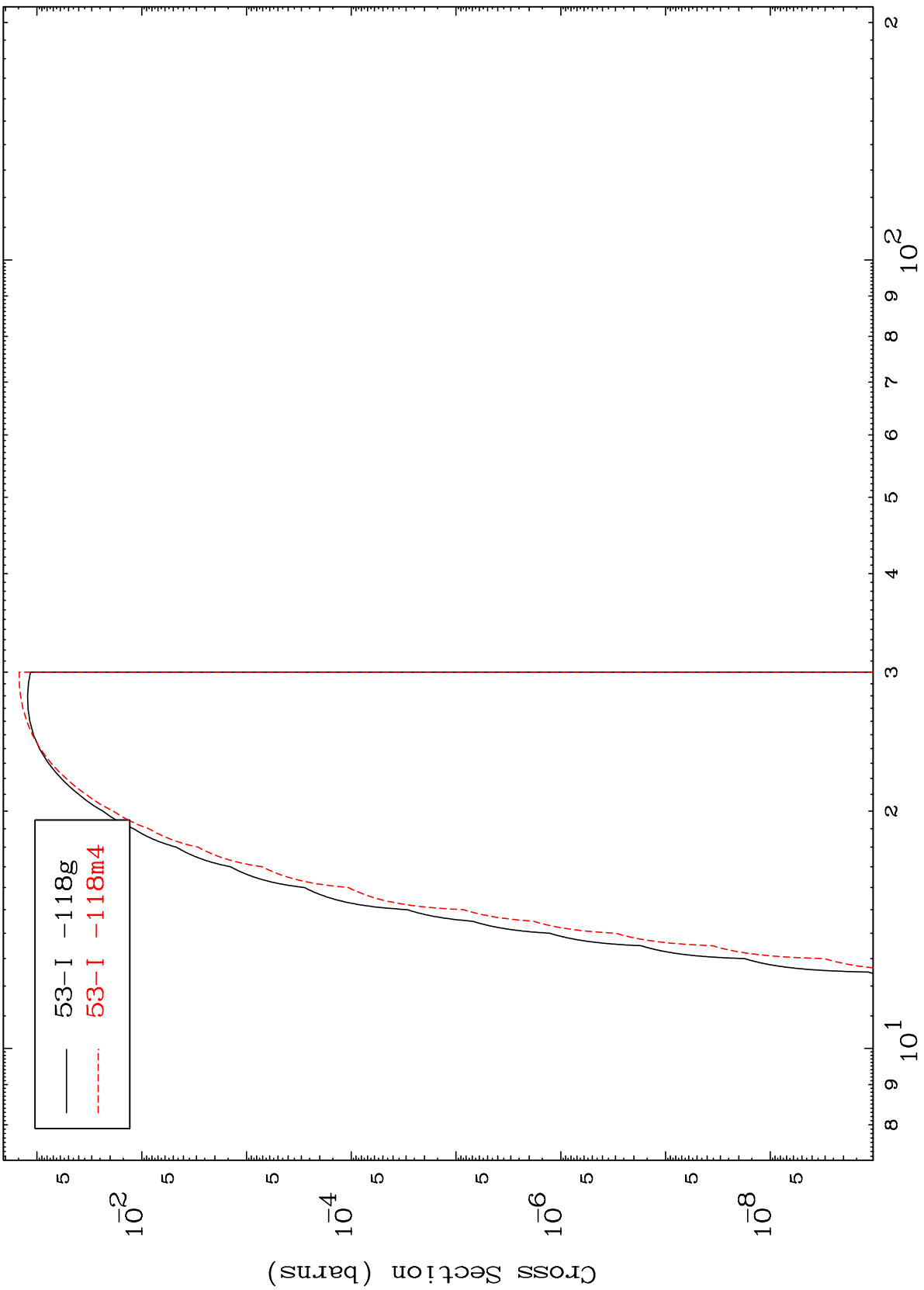
55-Cs-120

MAT 5486

(n,2n) p

55-Cs-120

Radionuclide Production Cross Section



53-I -118g  
53-I -118m4

102

Incident Energy (MeV)

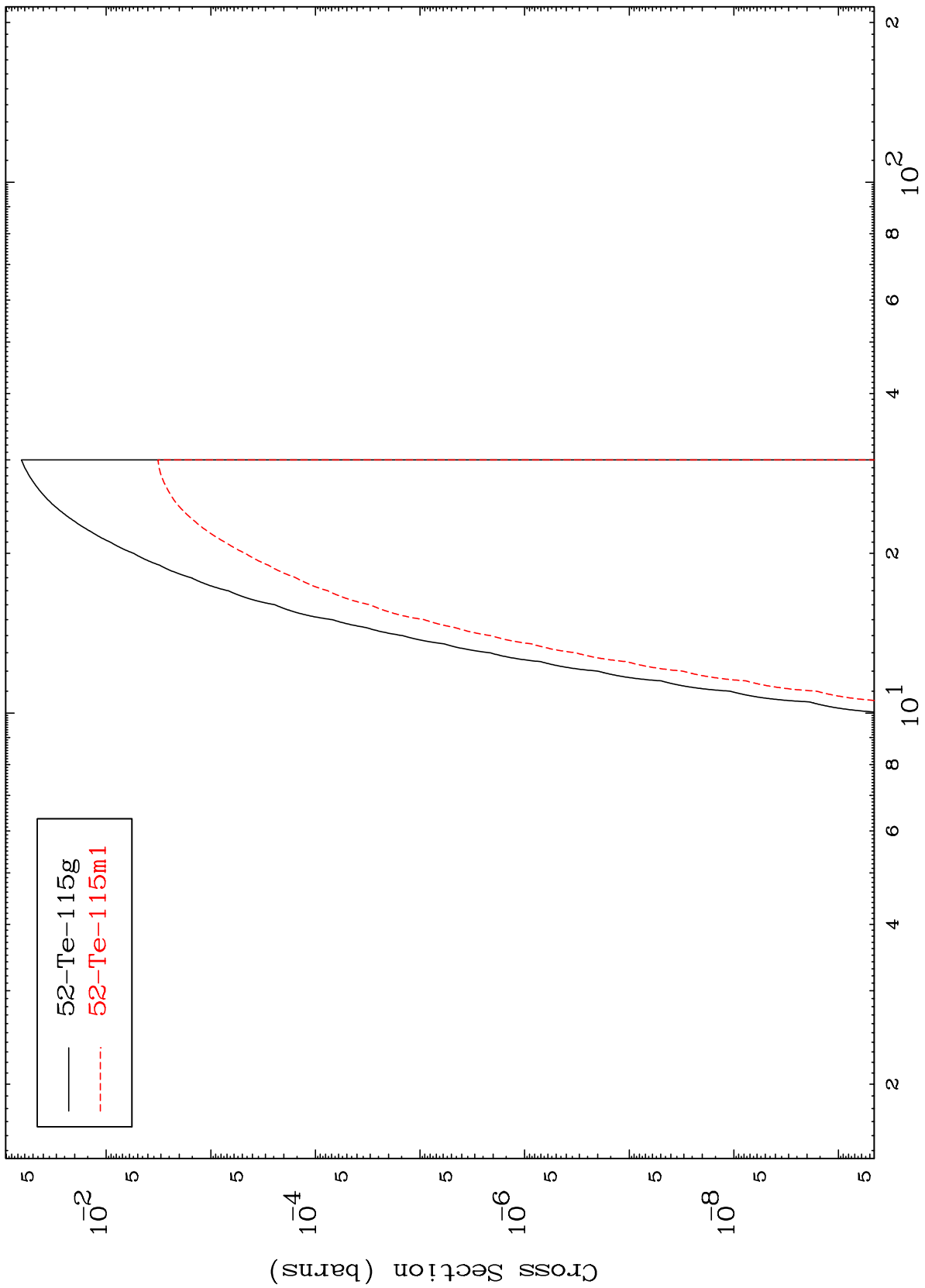
55-Cs-120

MAT 5486

(n,n') p  $\alpha$

55-Cs-120

Radionuclide Production Cross Section



103

Incident Energy (MeV)

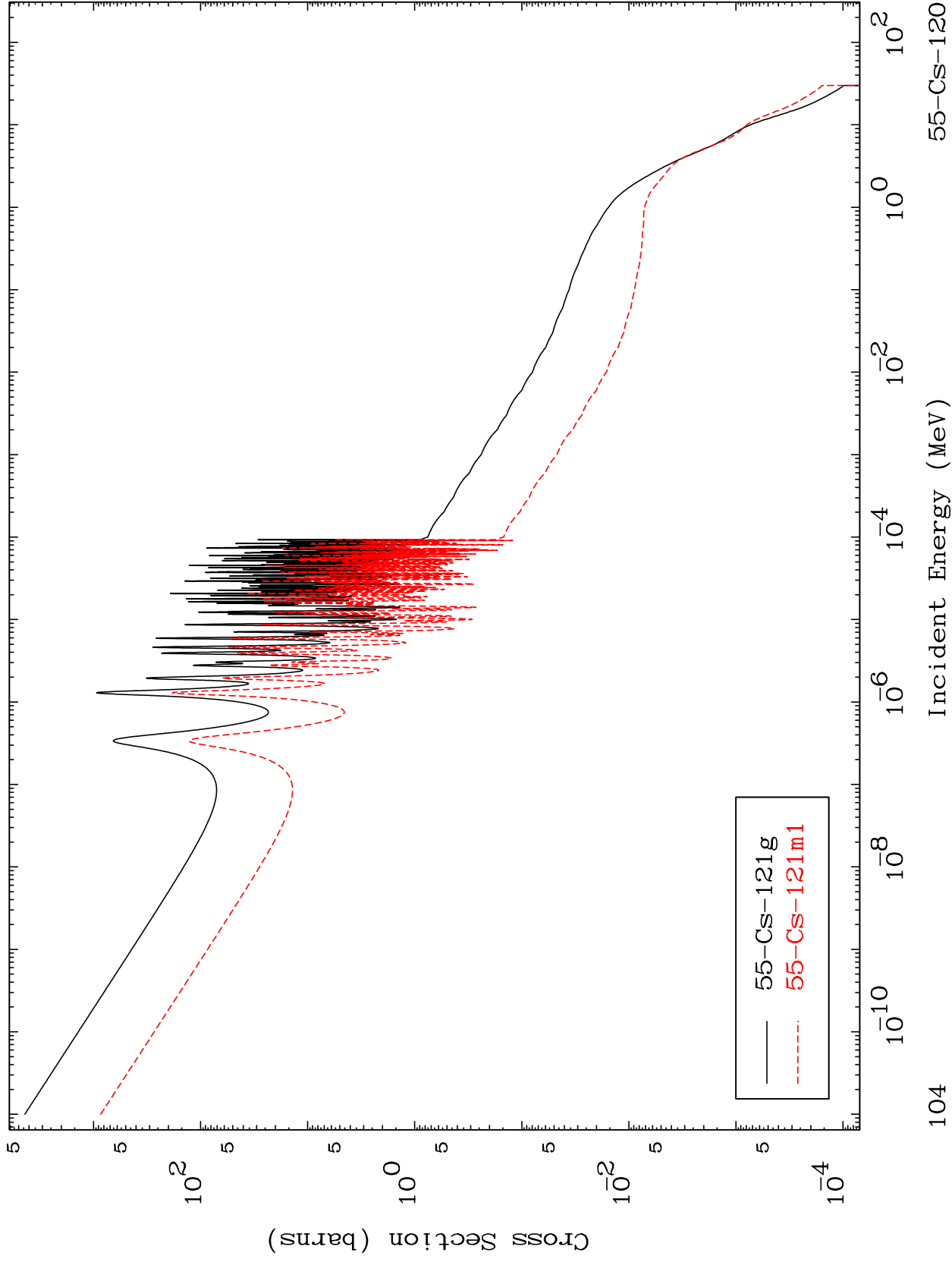
55-Cs-120



MAT 5486

55-Cs-120

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



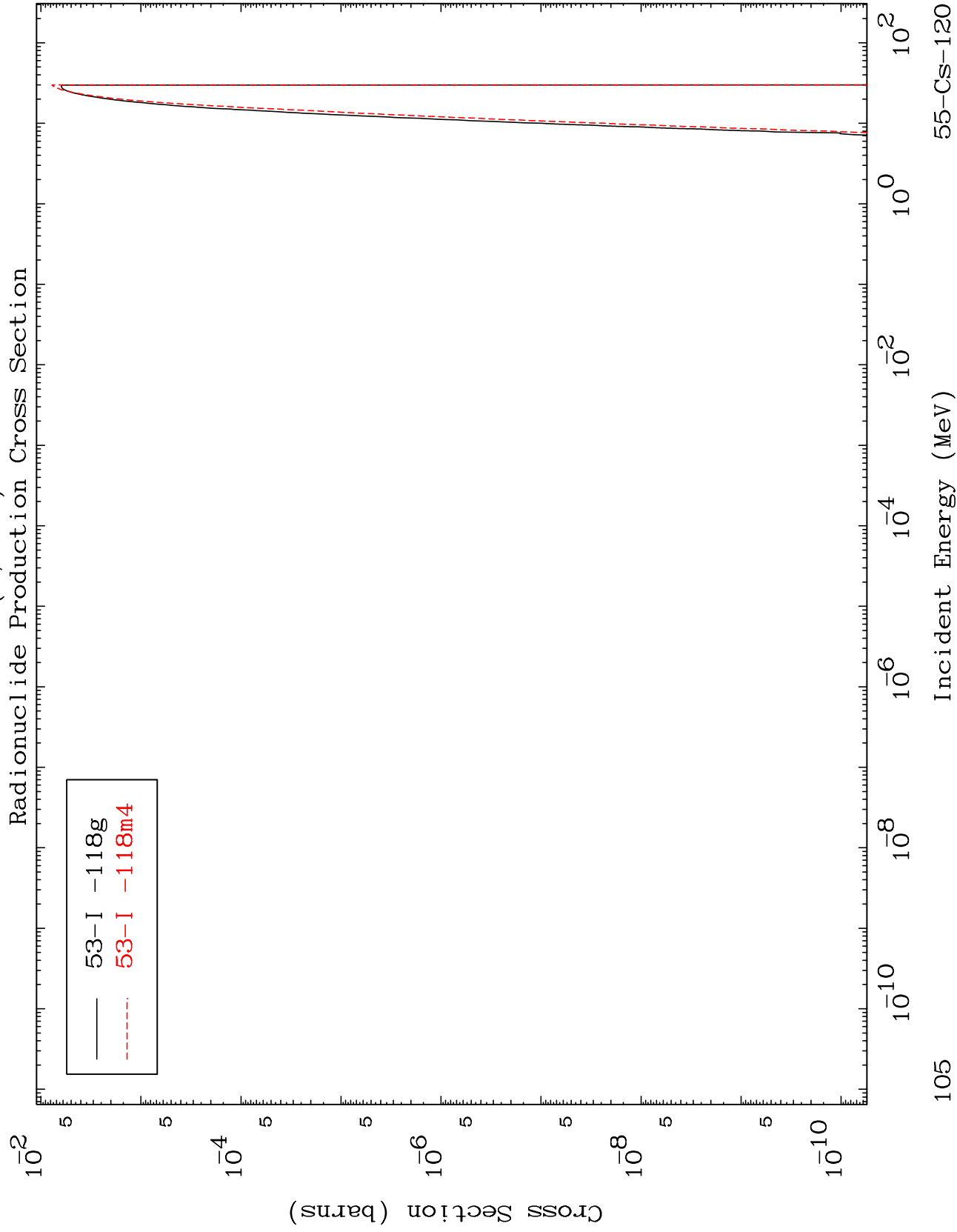
104

MAT 5486

(n,He-3)

55-Cs-120

Radionuclide Production Cross Section



53-I -118g  
53-I -118m4

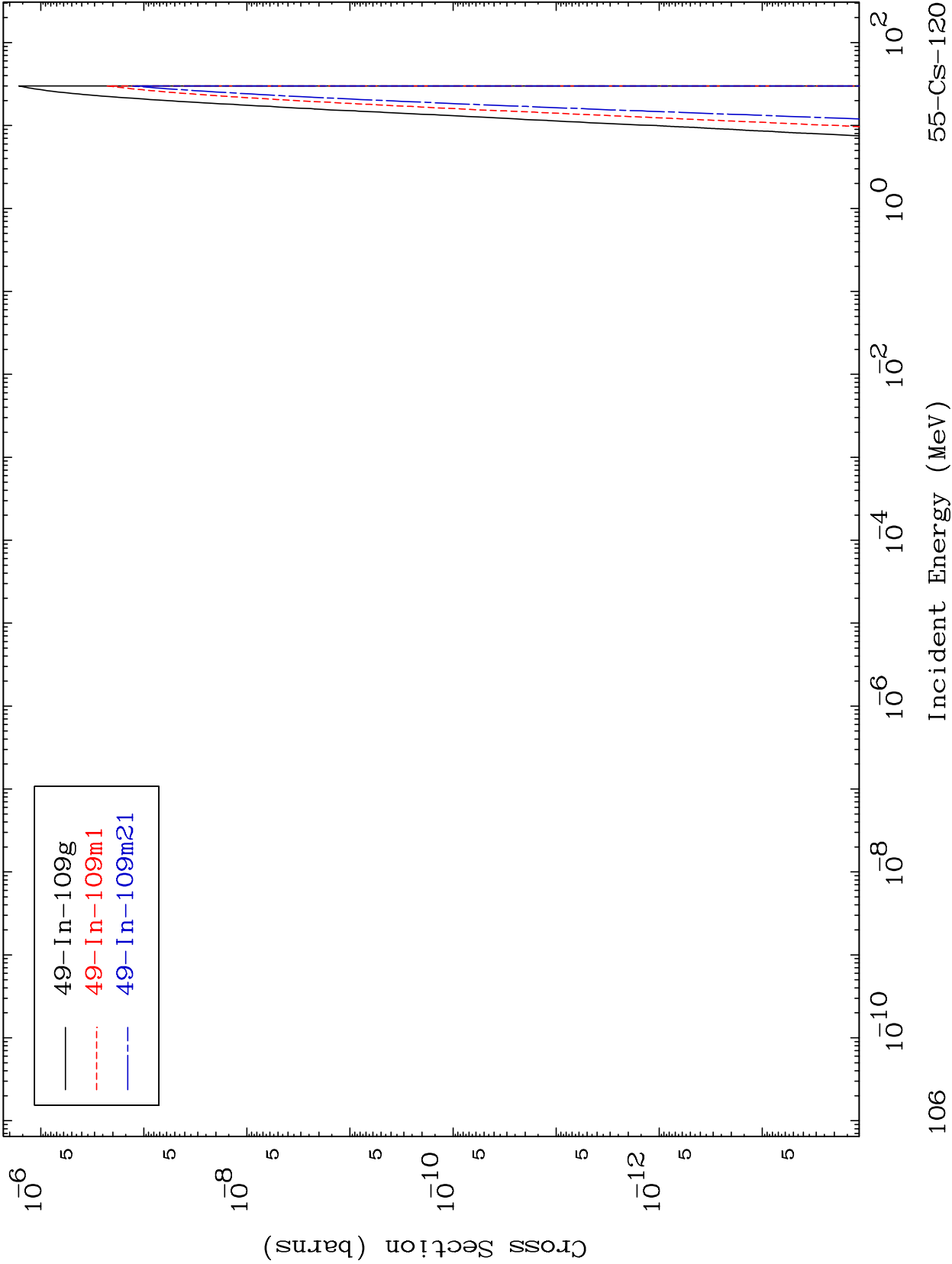
105

MAT 5486

(n,3 $\alpha$ )

55-Cs-120

Radionuclide Production Cross Section



106

Incident Energy (MeV)

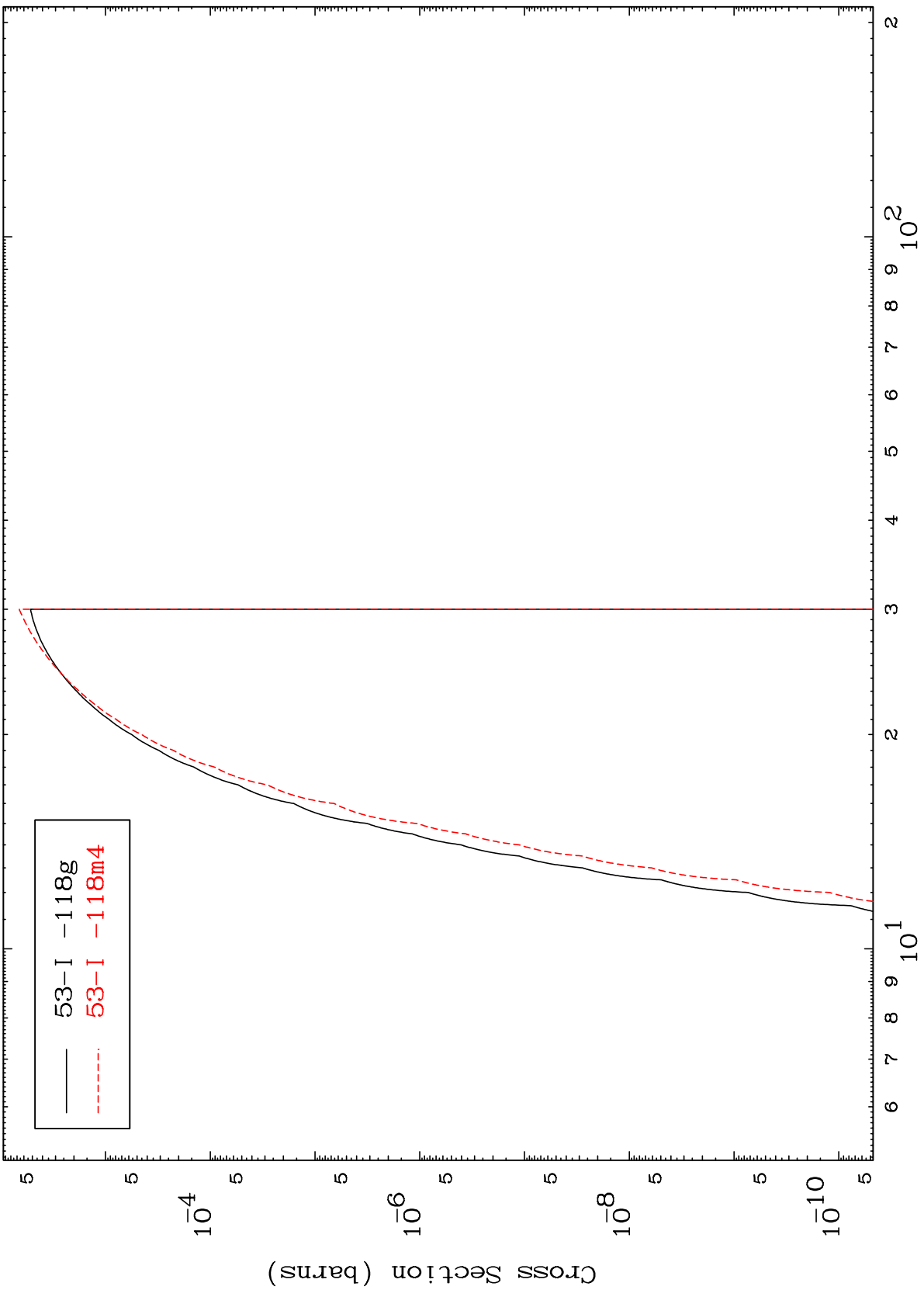
55-Cs-120

MAT 5486

(n,p) d

55-Cs-120

Radionuclide Production Cross Section



107

Incident Energy (MeV)

55-Cs-120

MAT 5486

(n,d)  $\alpha$

55-Cs-120

Radionuclide Production Cross Section

