

Program EVALPLOT  
(Version 2015-2)

by

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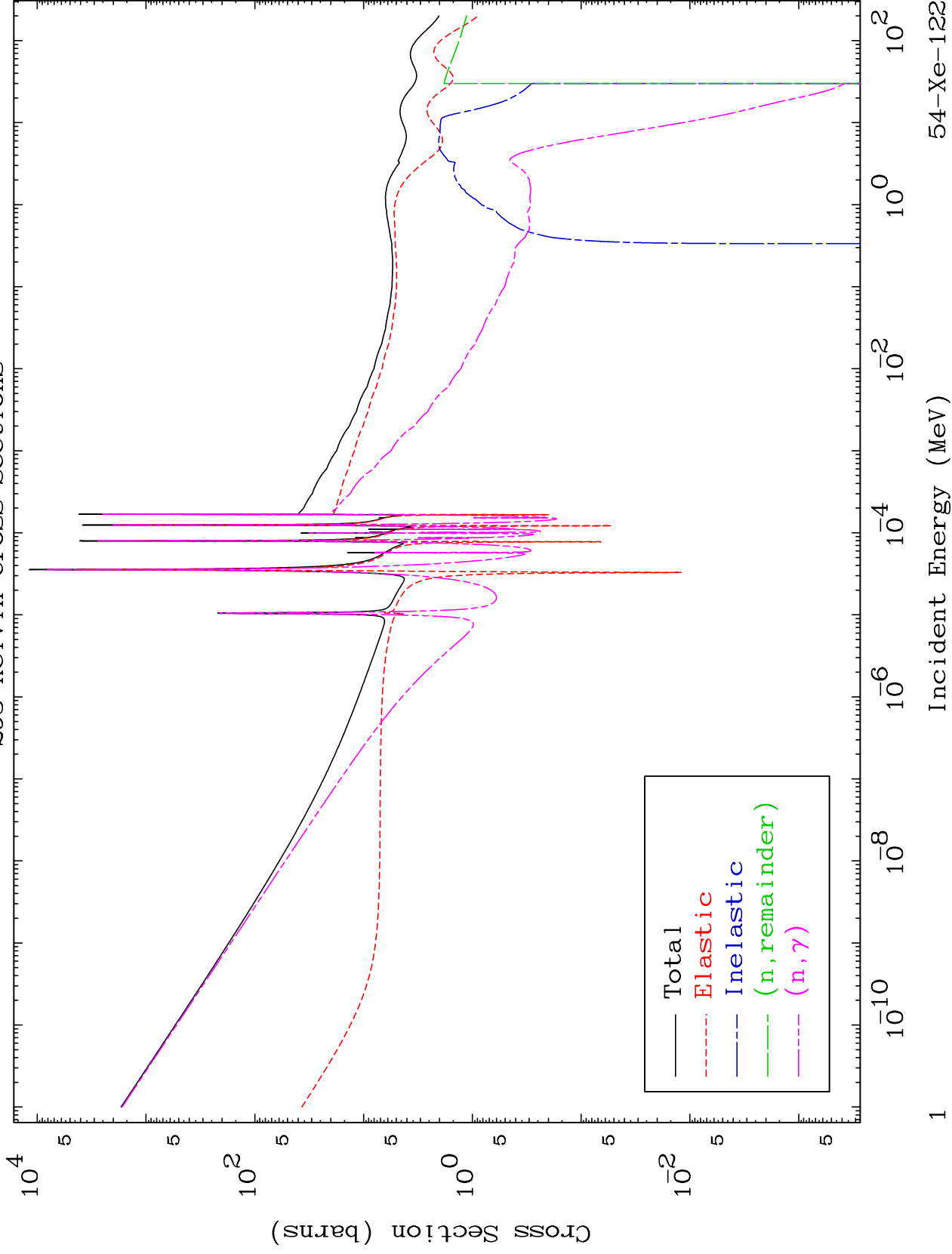
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5419

Major  
293 Kelvin Cross Sections

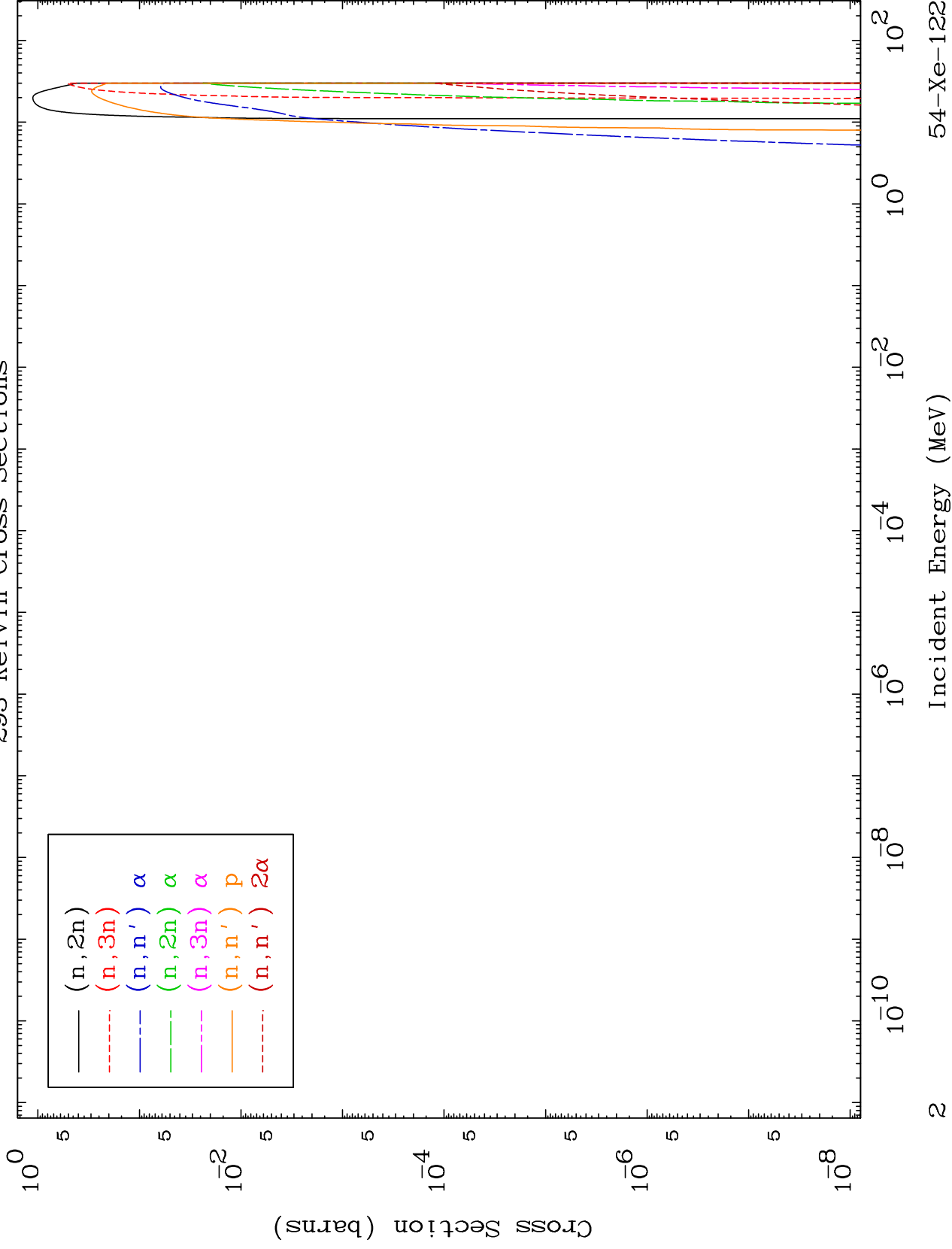
54-Xe-122

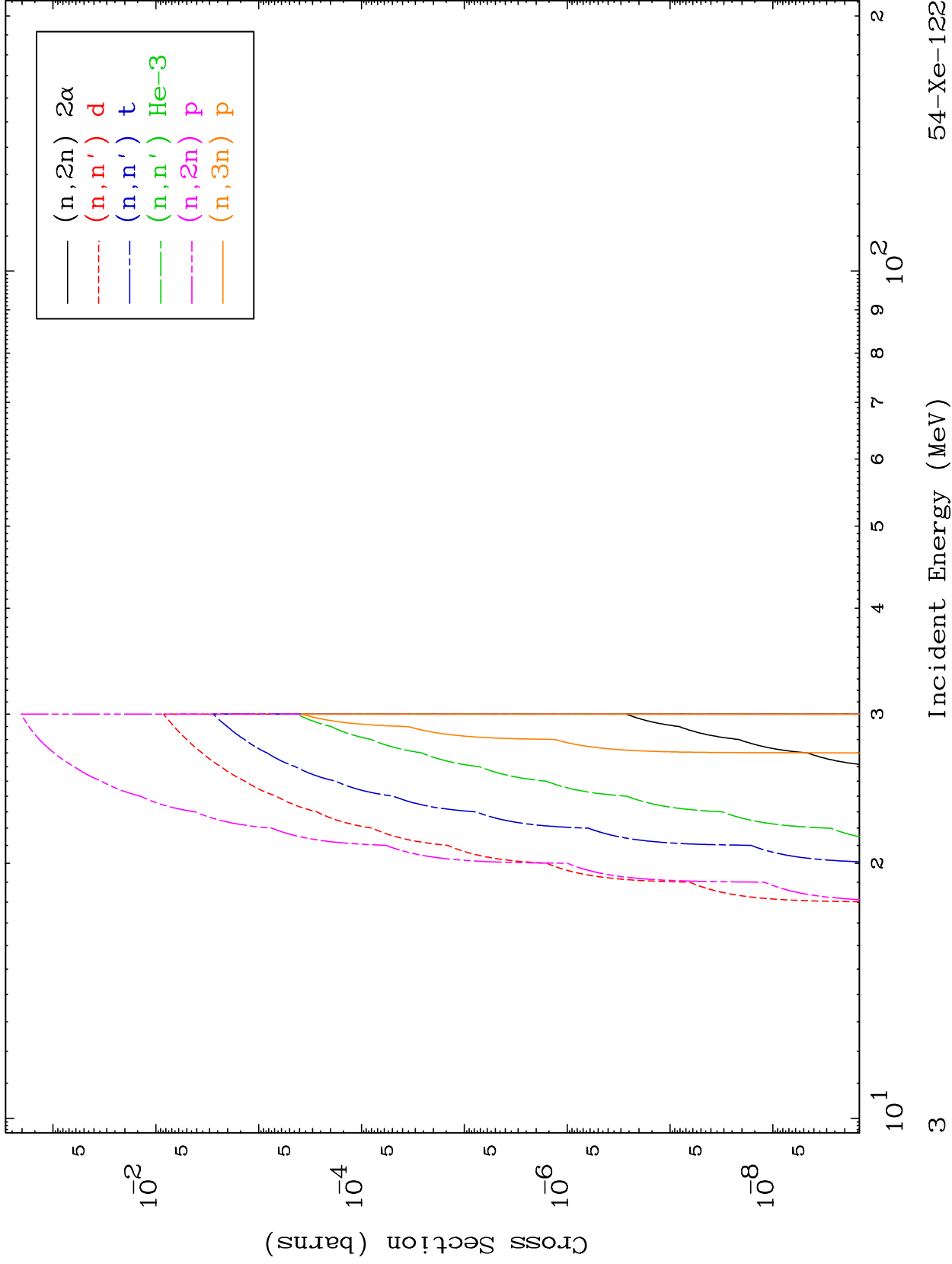


MAT 5419

Neutron Production  
293 Kelvin Cross Sections

54-Xe-122

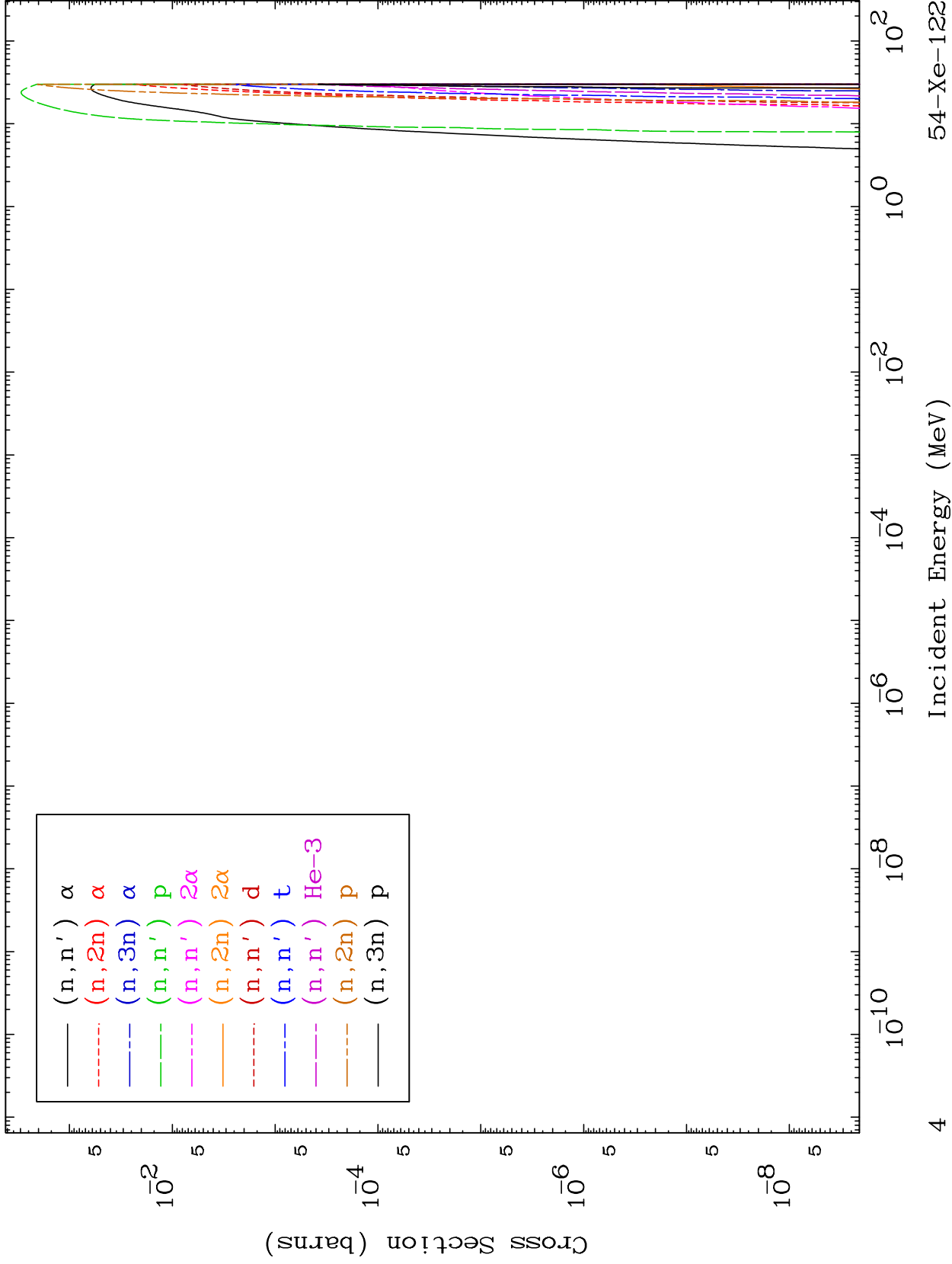




MAT 5419

Charged Particle  
293 Kelvin Cross Sections

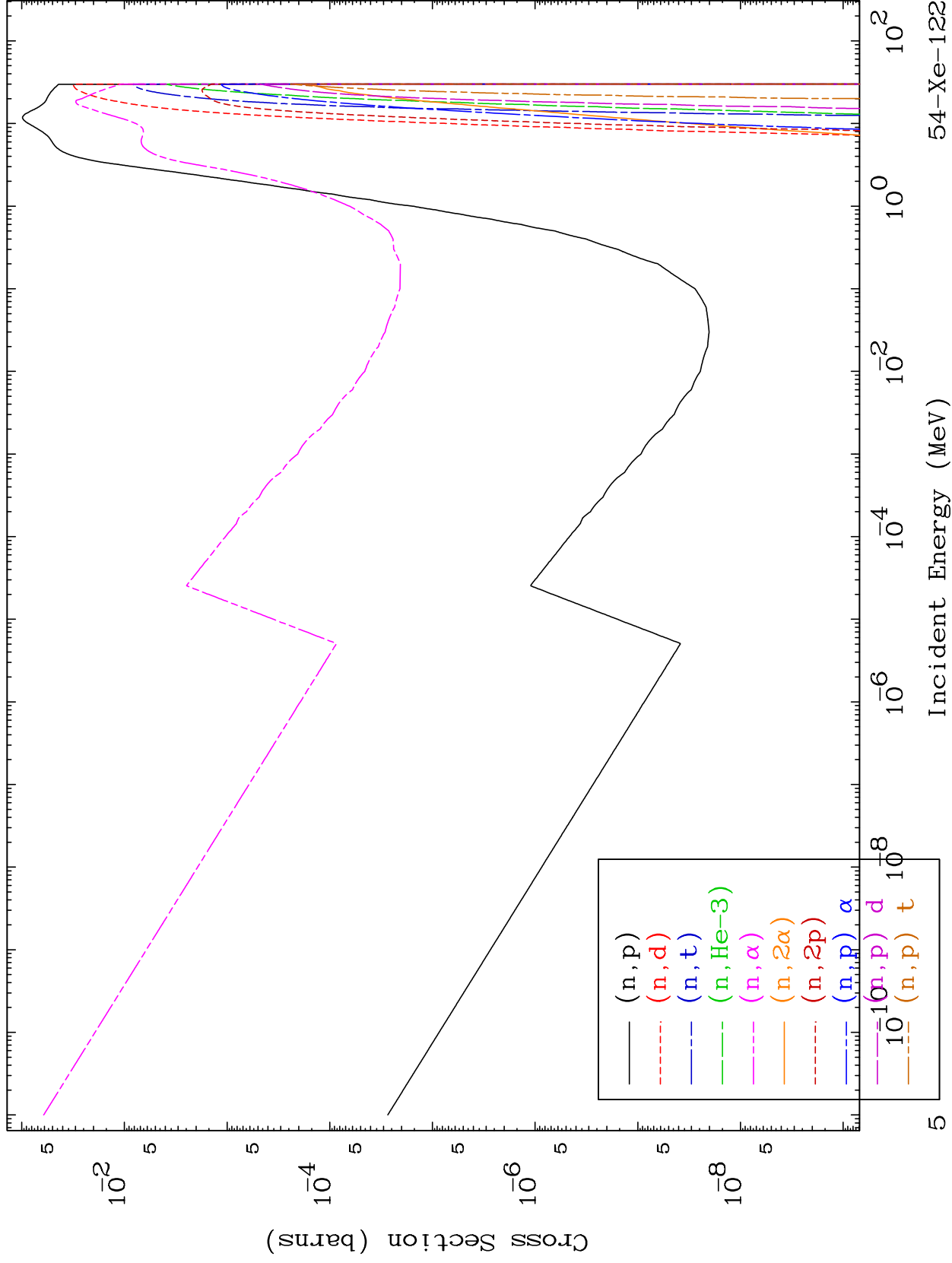
54-Xe-122



MAT 5419

Charged Particle  
293 Kelvin Cross Sections

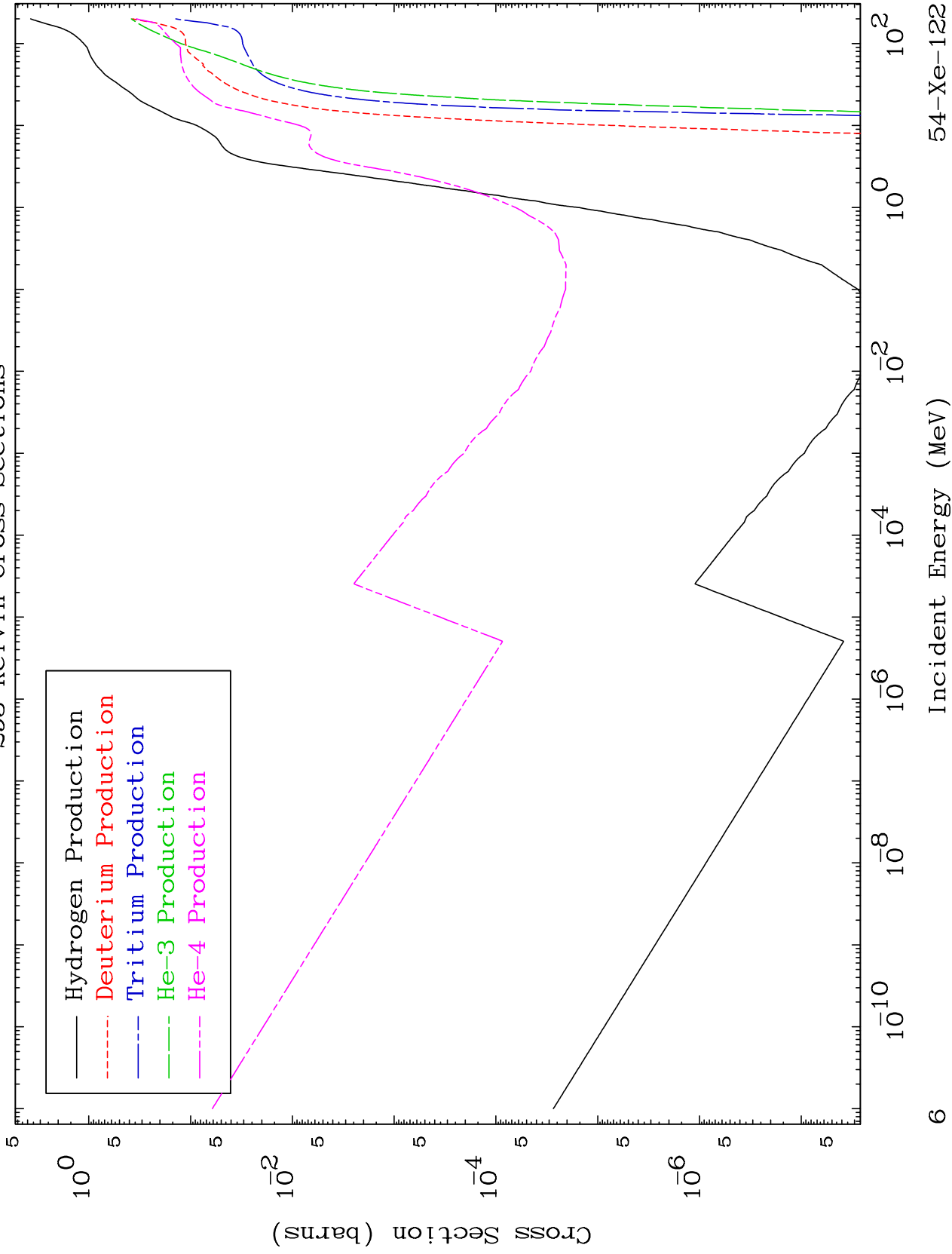
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MAT 5419

Particle Production  
293 Kelvin Cross Sections

54-Xe-122

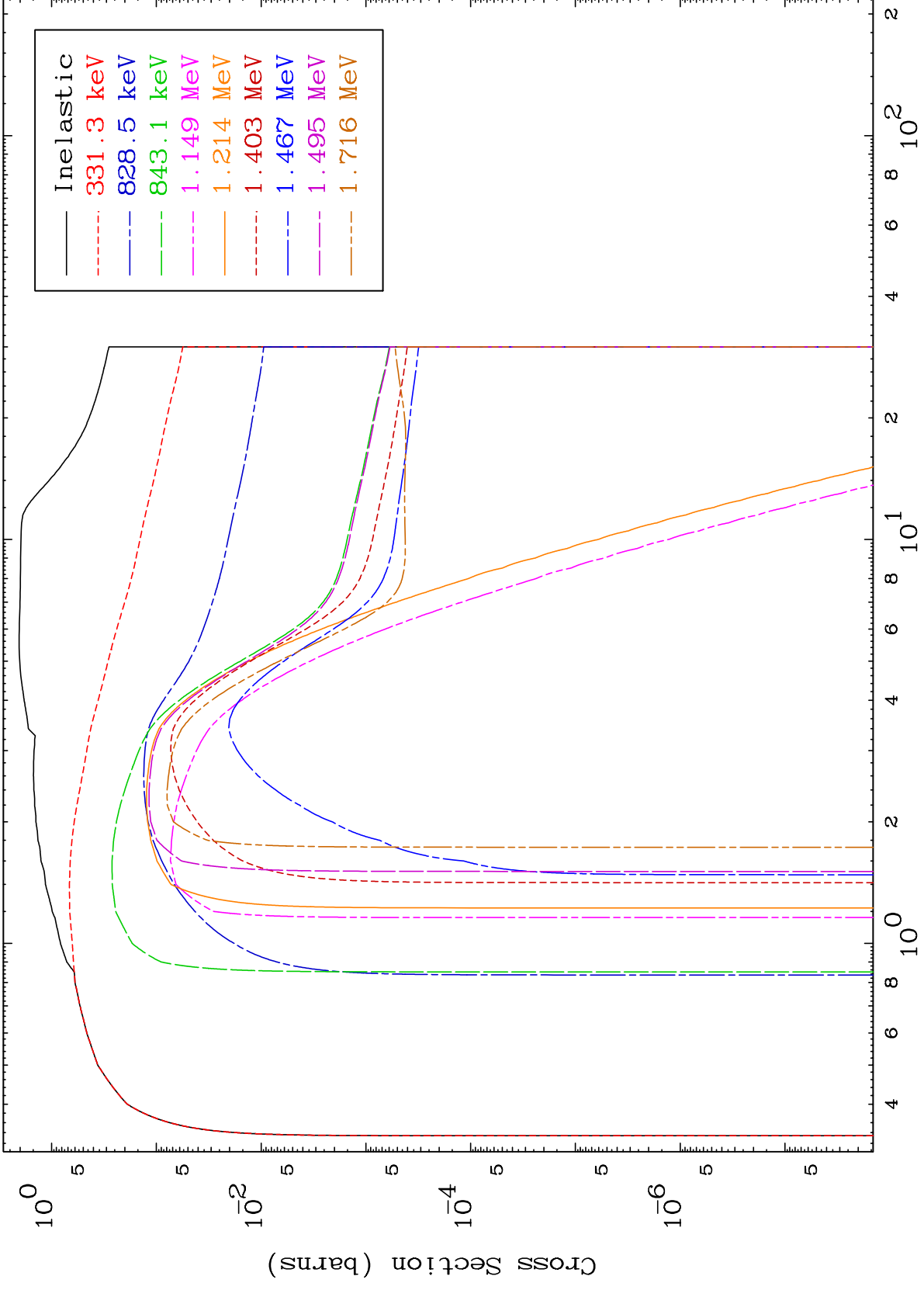


MAT 5419

(n,n') Level

54-Xe-122

293 Kelvin Cross Sections

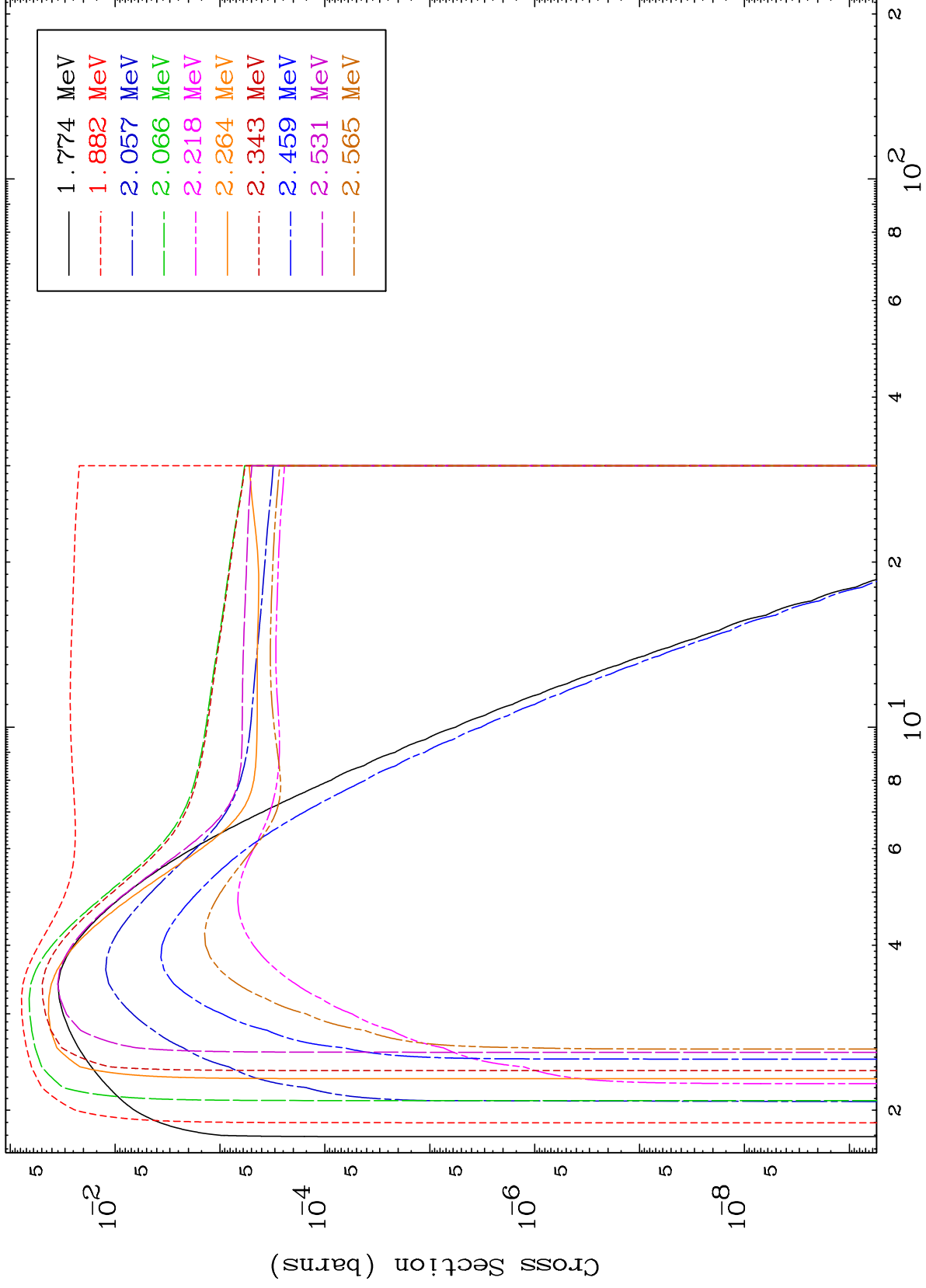




MAT 5419

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-122

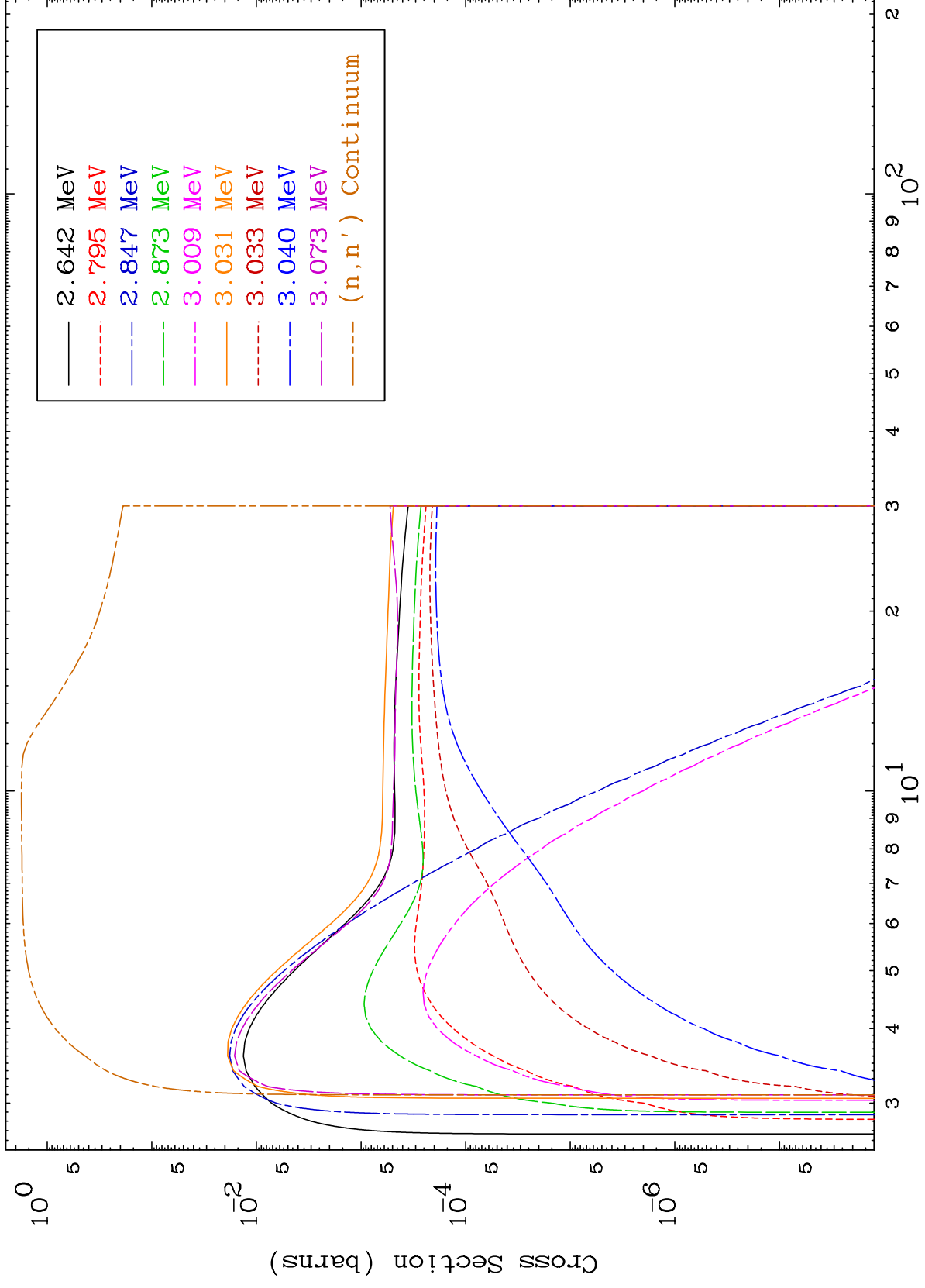


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Incident Energy (MeV)

54-Xe-122

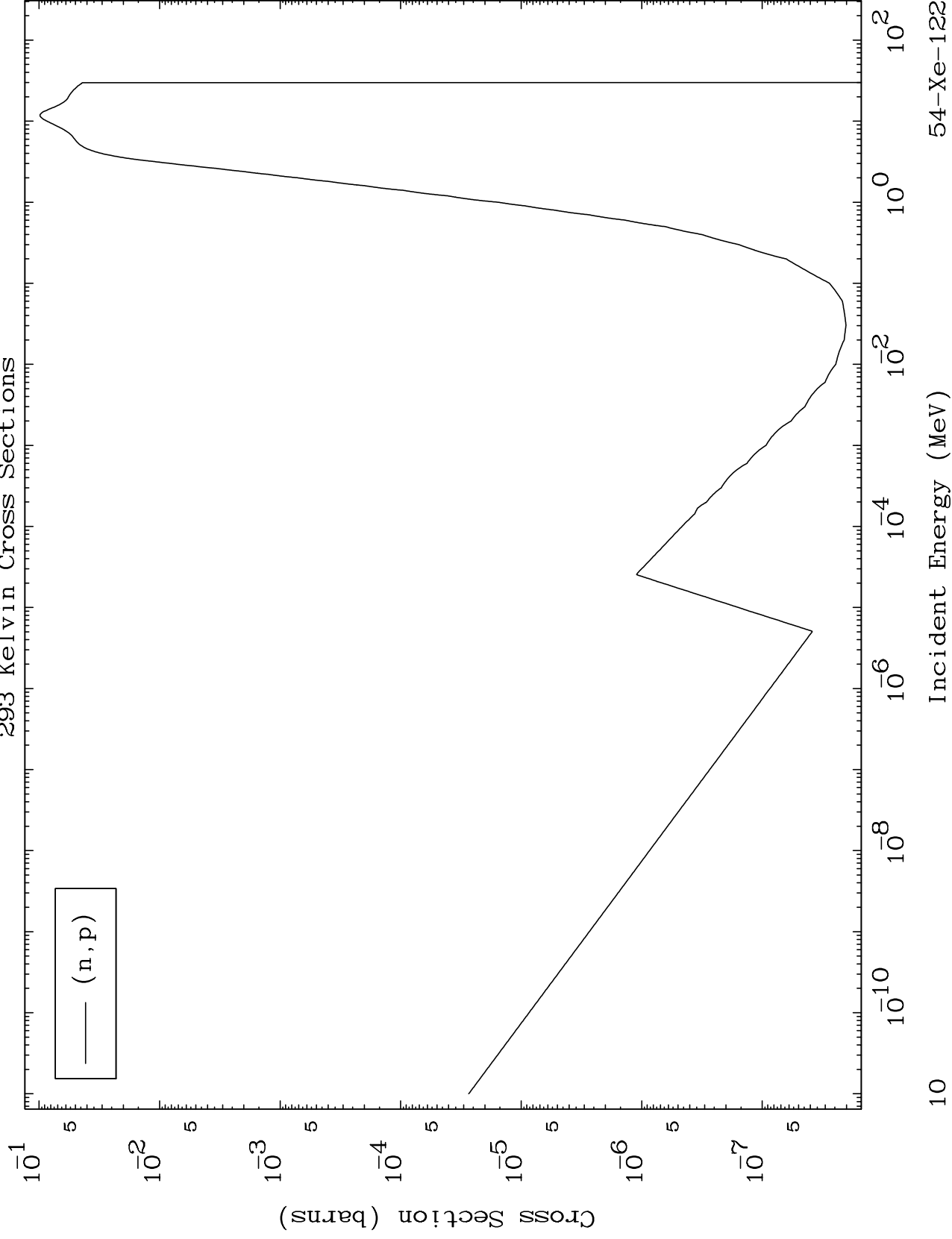
293 Kelvin Cross Sections



MAT 5419

(n,p) Levels  
293 Kelvin Cross Sections

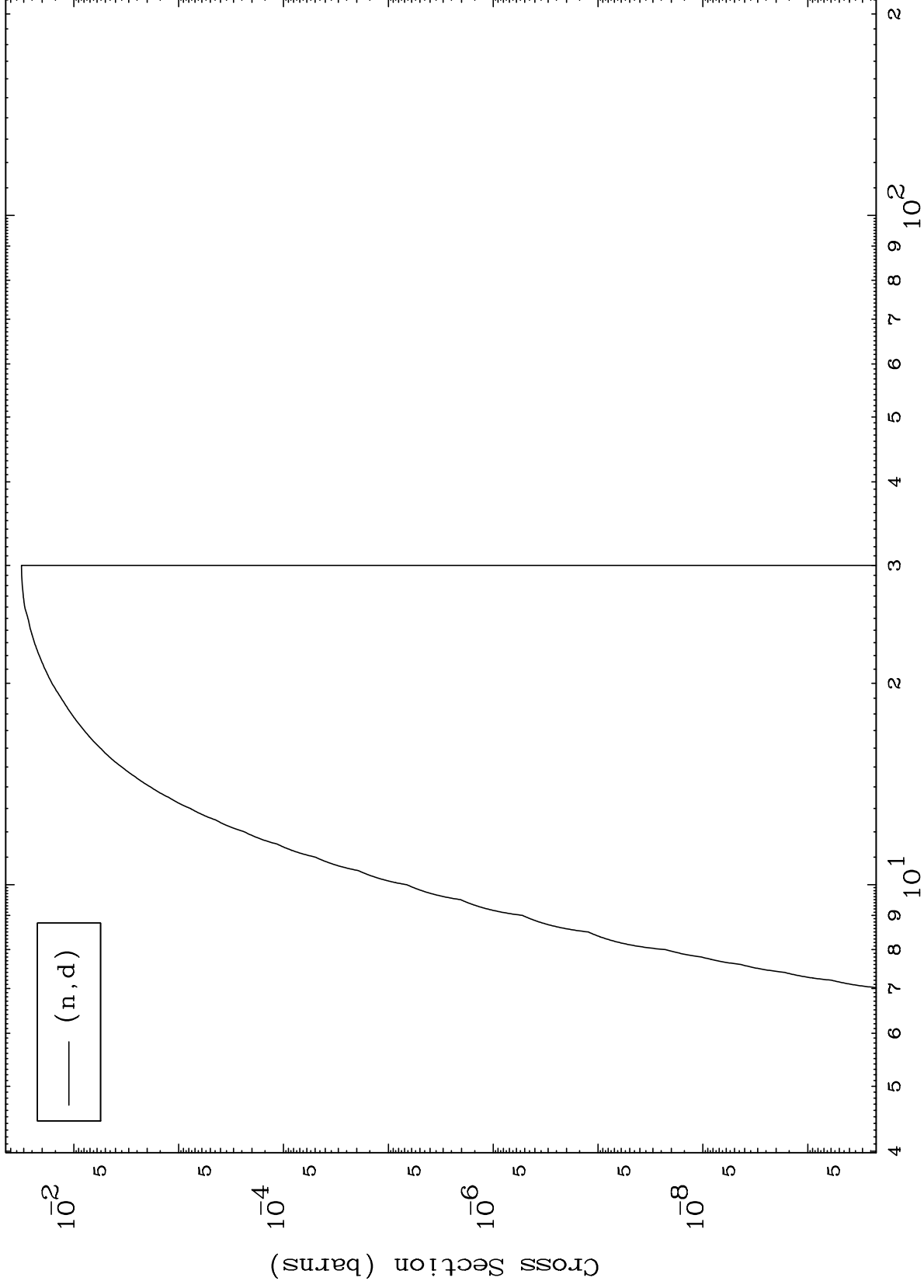
54-Xe-122



MAT 5419

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-122



11

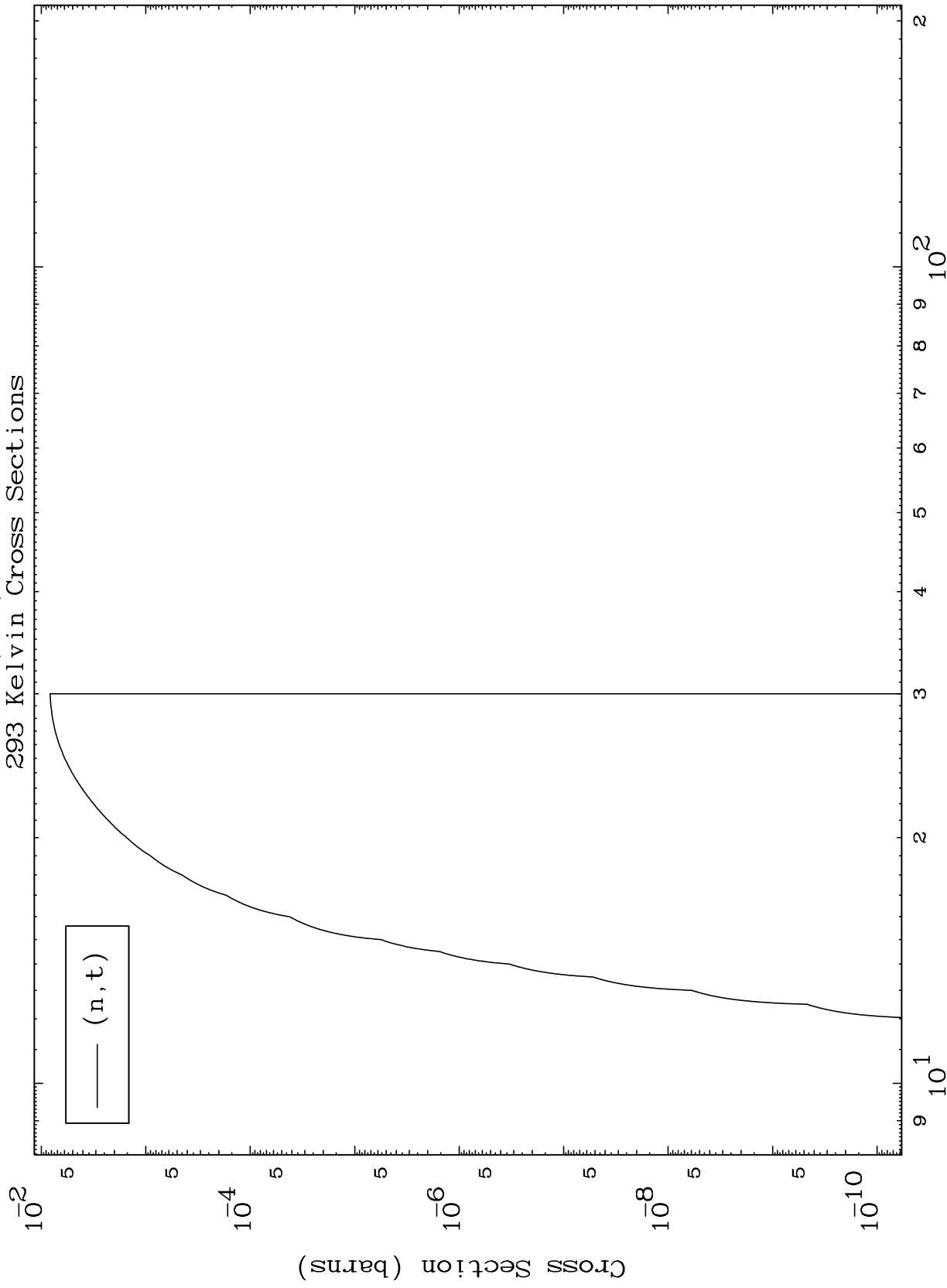
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-122



12

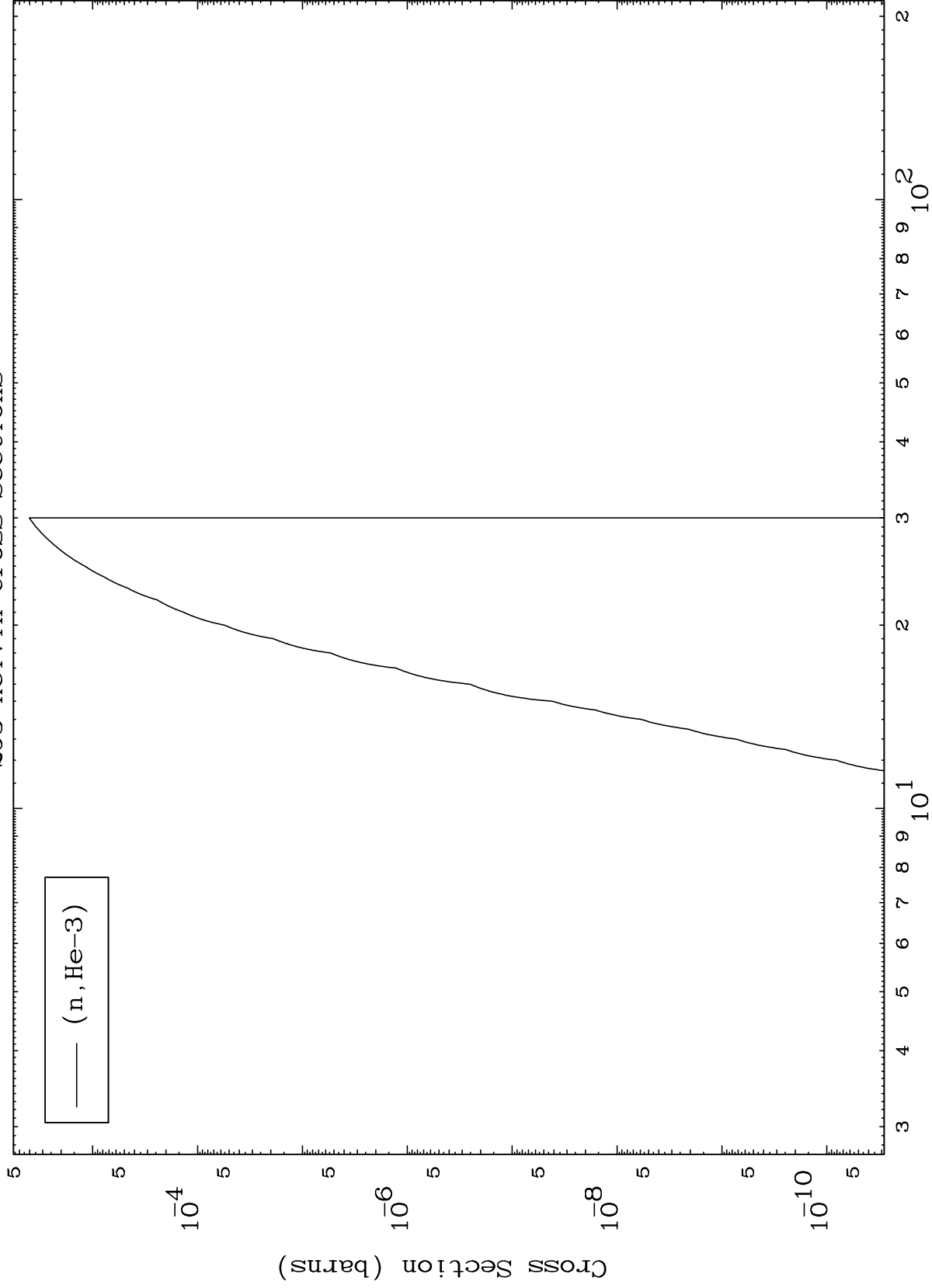
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-122



13

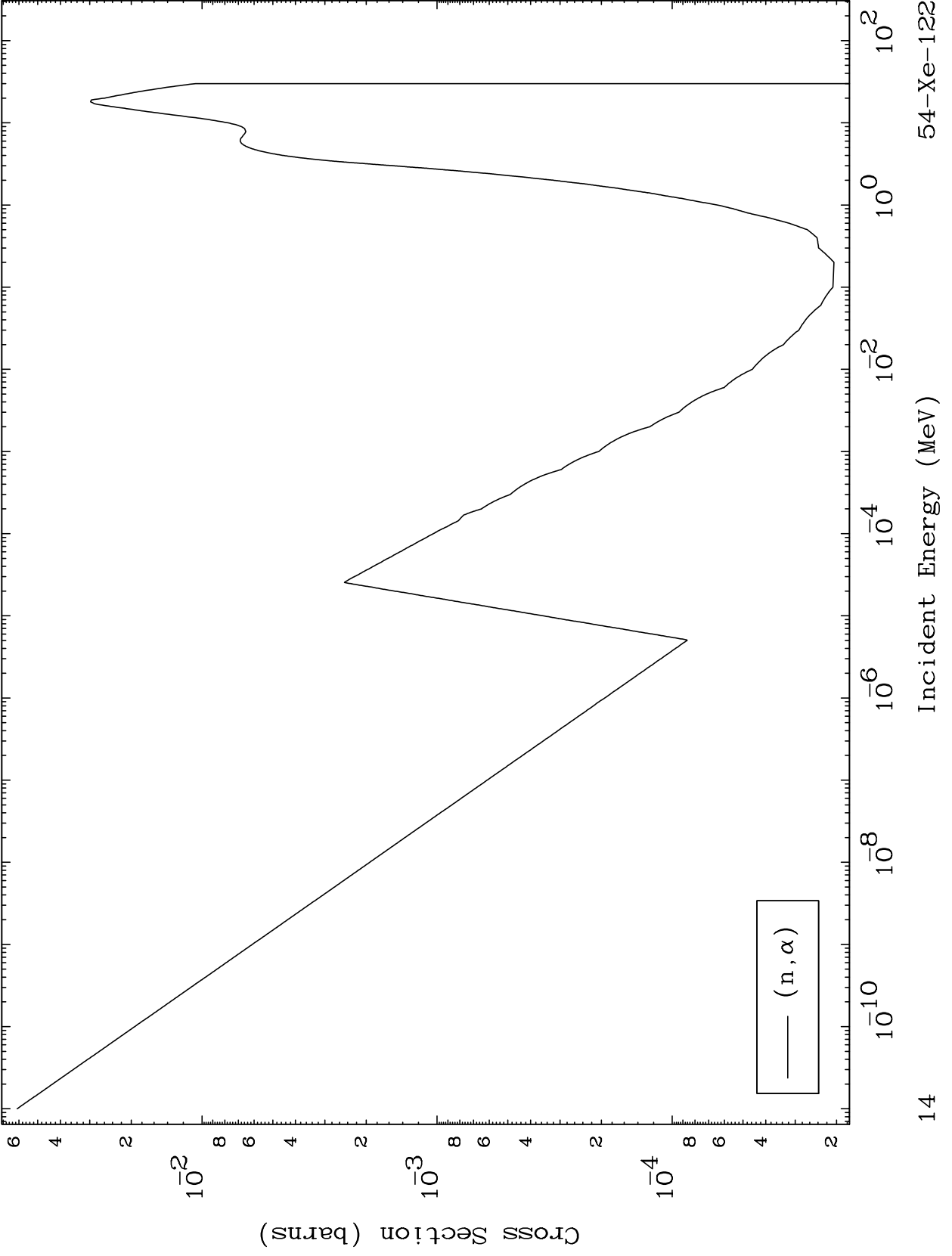
Incident Energy (MeV)

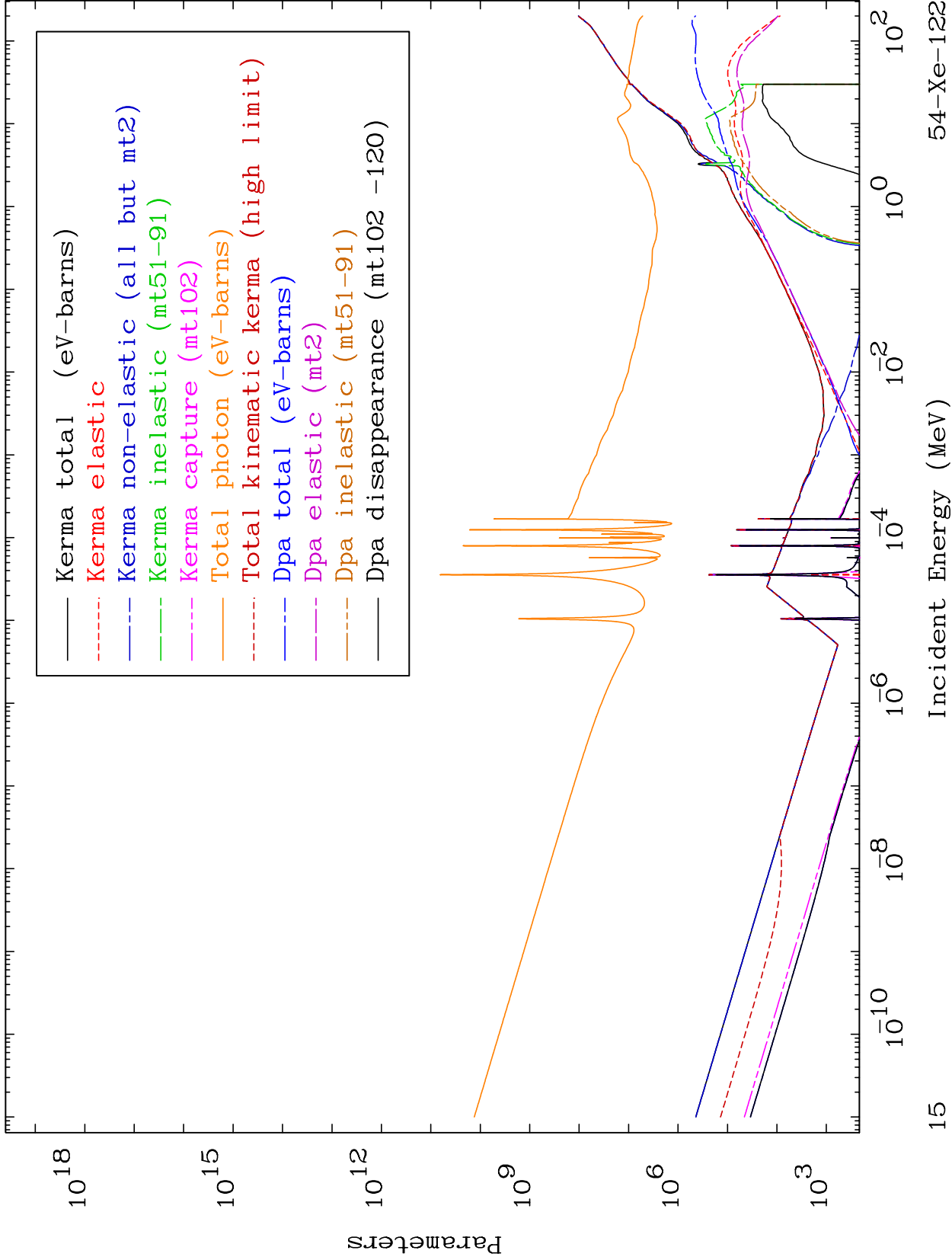
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MAT 5419

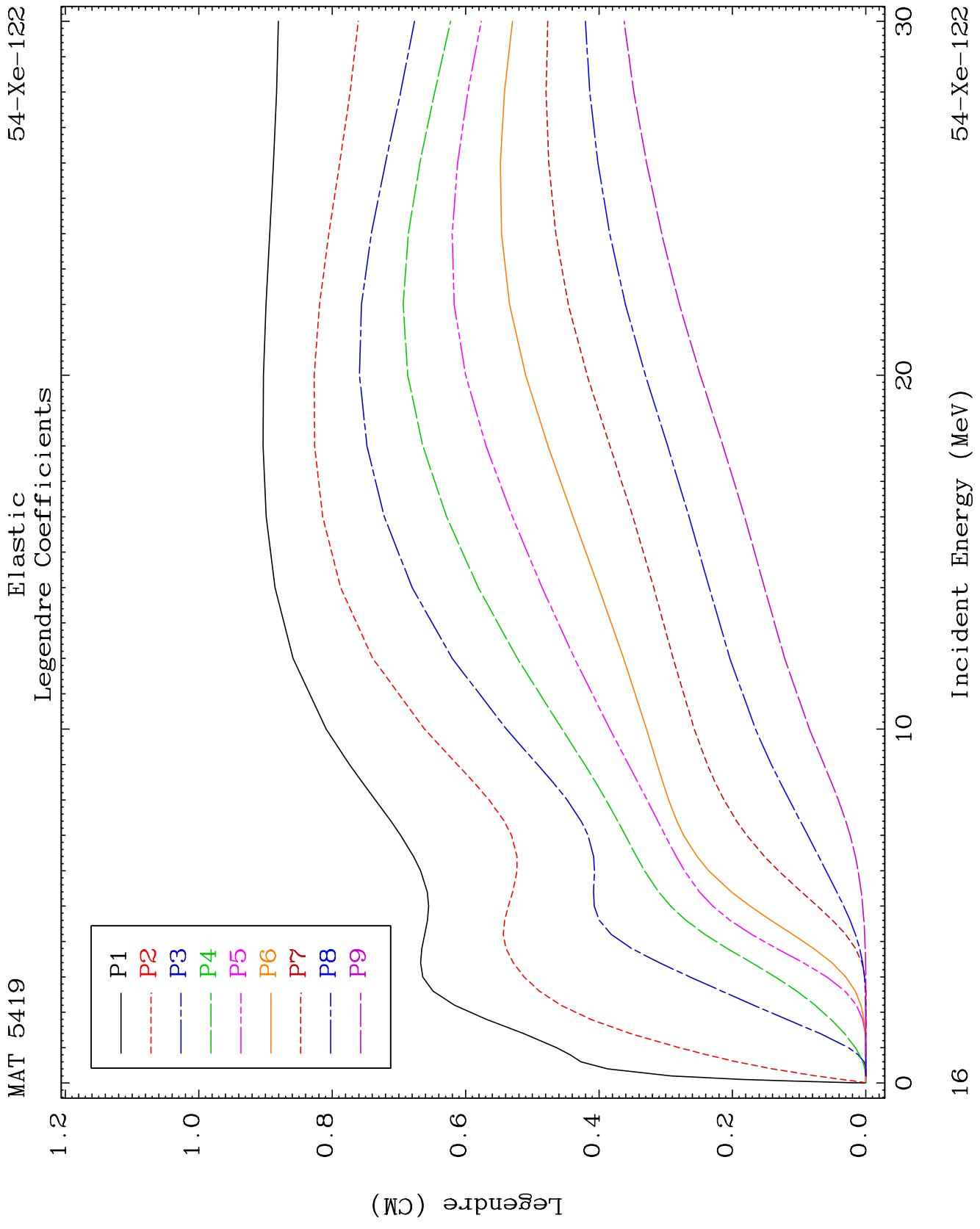
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

54-Xe-122





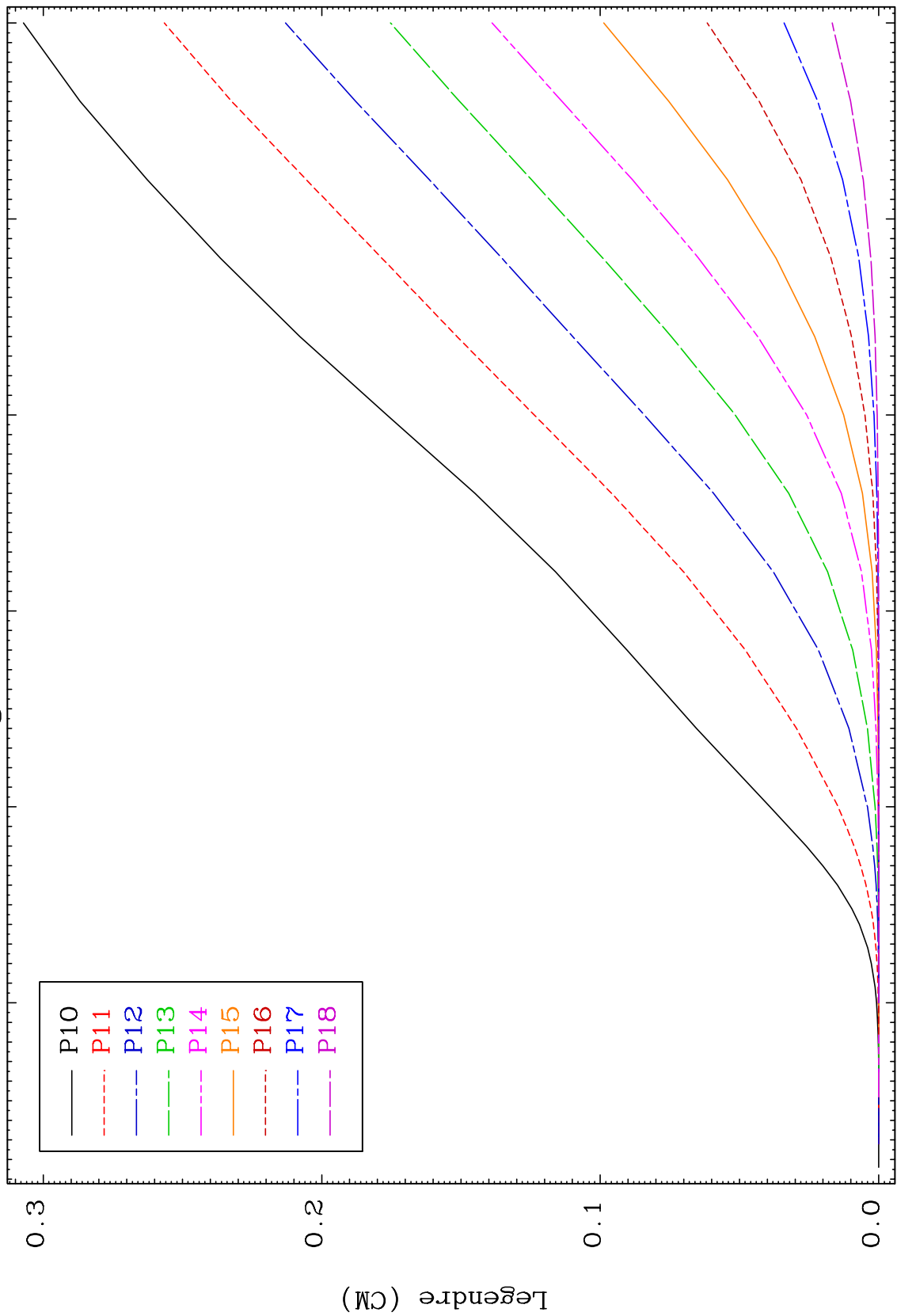




MAT 5419

Elastic Legendre Coefficients

54-Xe-122



17

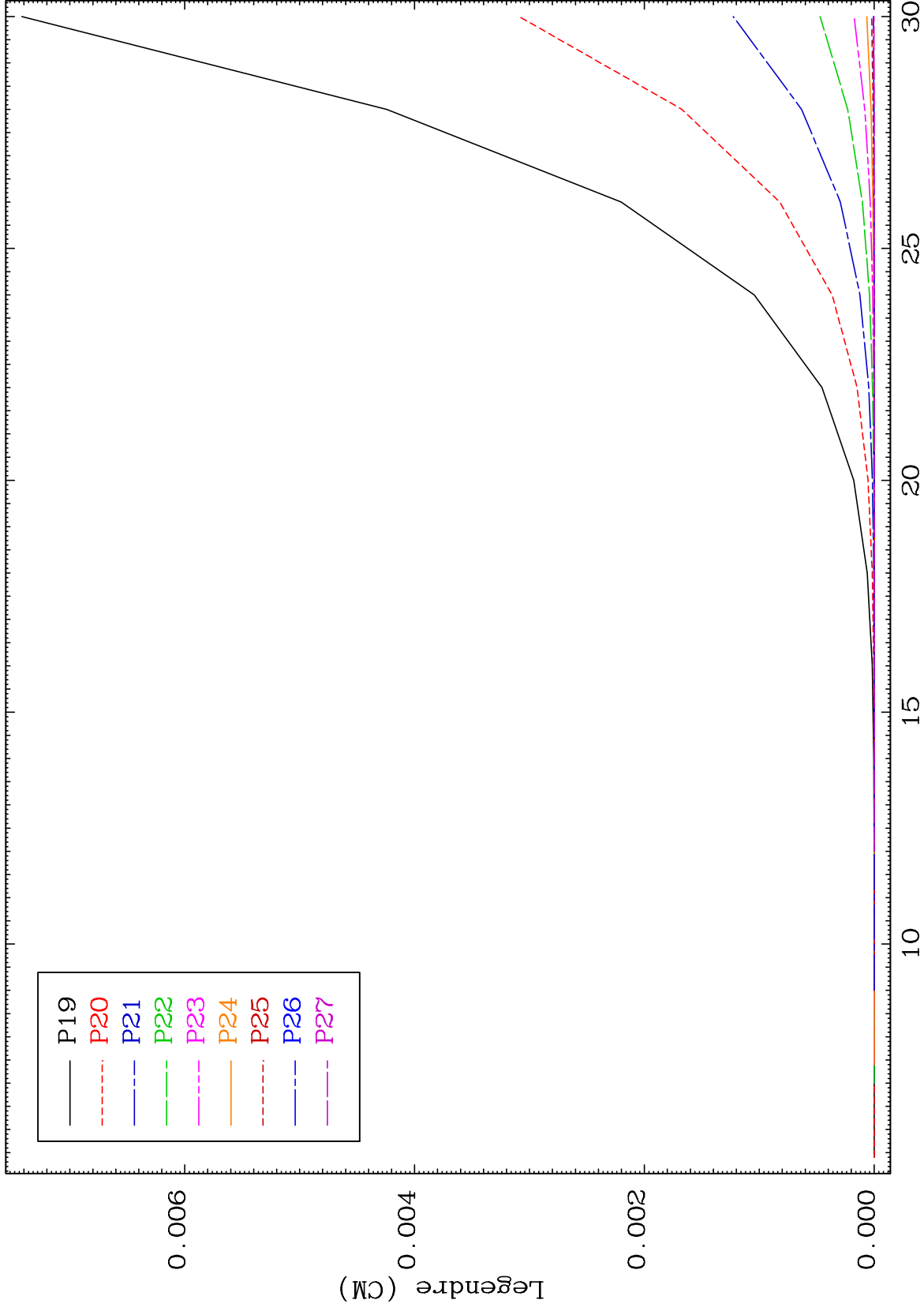
Incident Energy (MeV)

54-Xe-122

MAT 5419

Elastic Legendre Coefficients

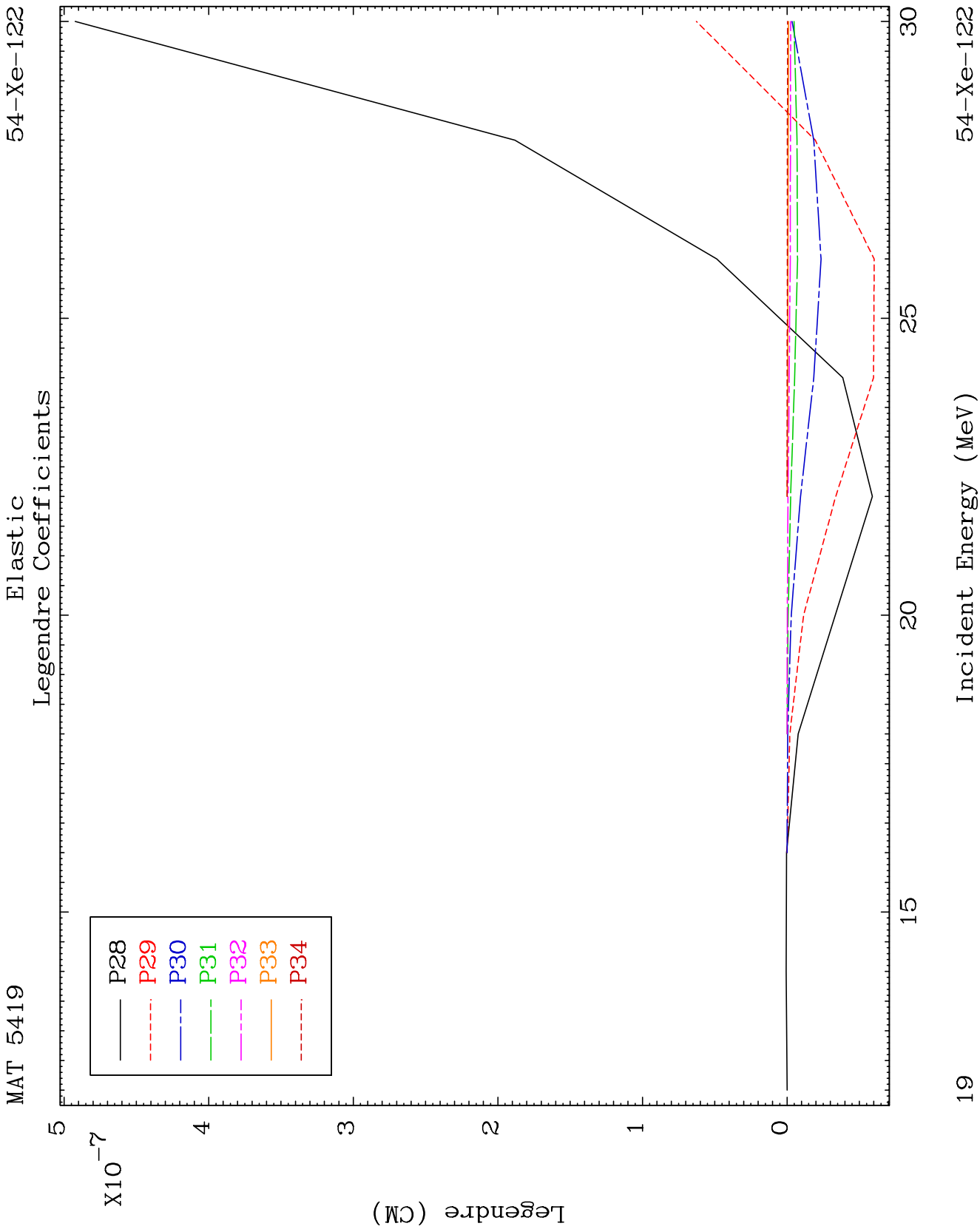
54-Xe-122



18

Incident Energy (MeV)

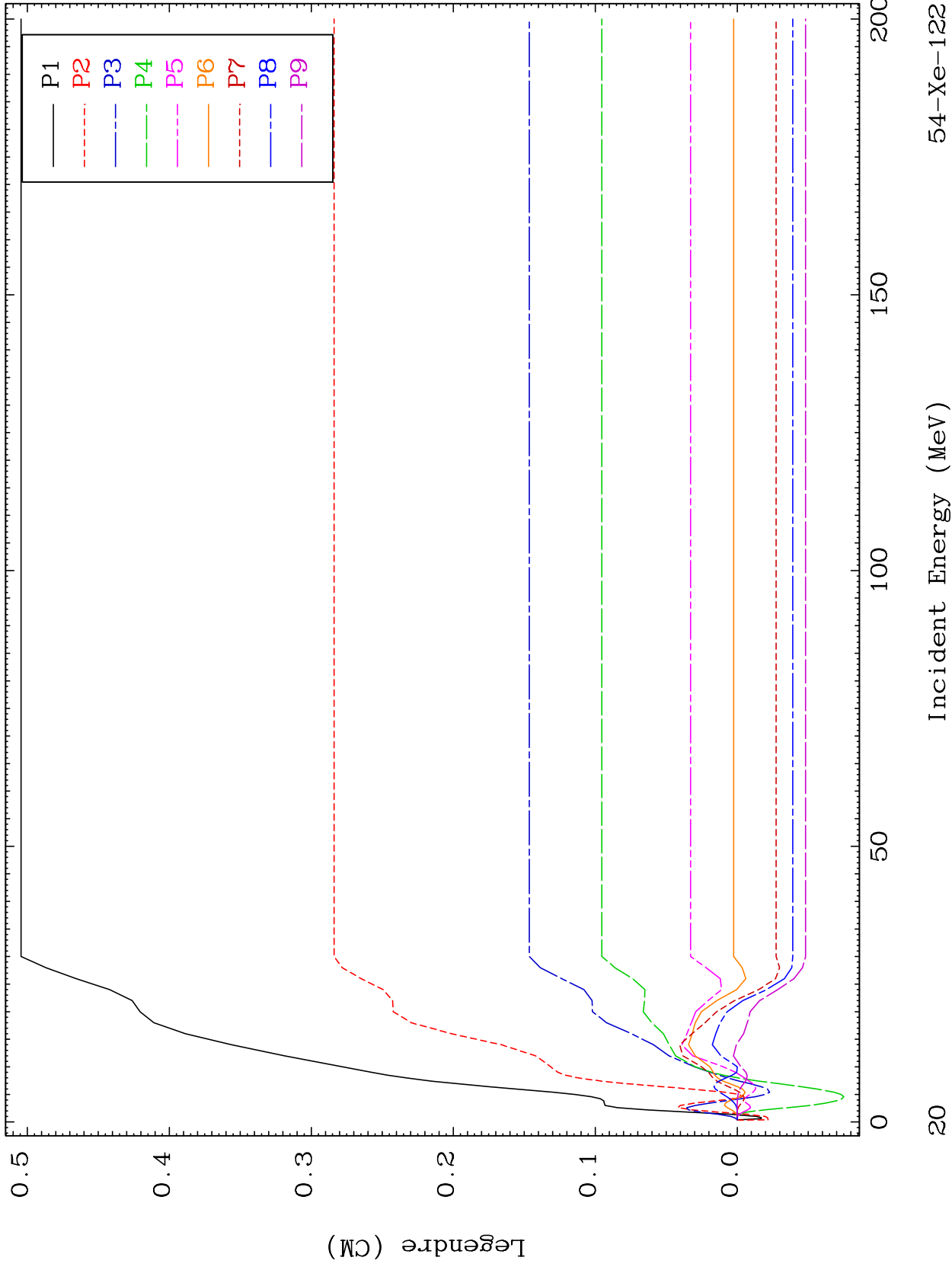
54-Xe-122



MAT 5419

331.3 keV (n,n') Level  
Legendre Coefficients

54-Xe-122

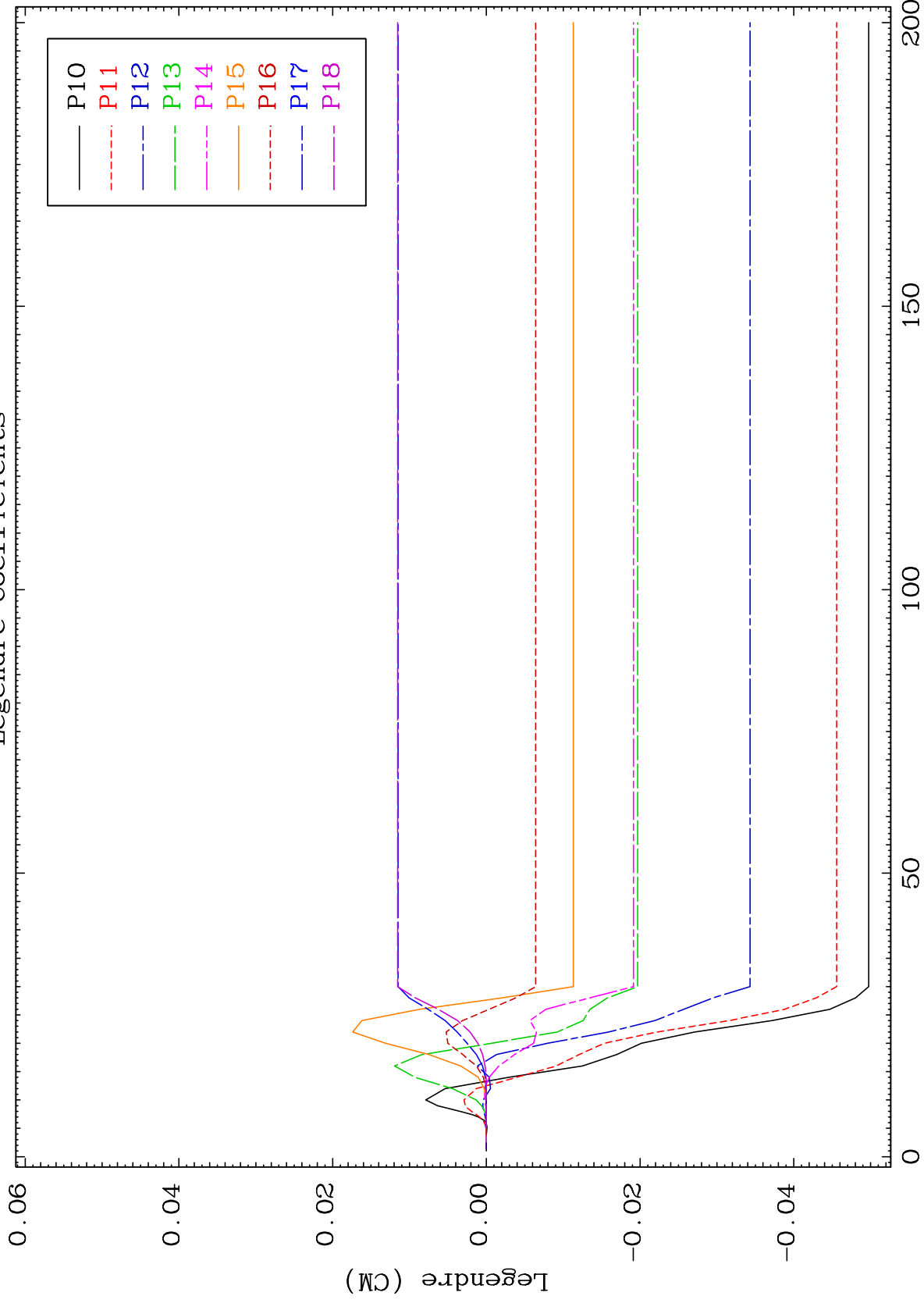


54-Xe-122

MAT 5419

331.3 keV (n,n') Level  
Legendre Coefficients

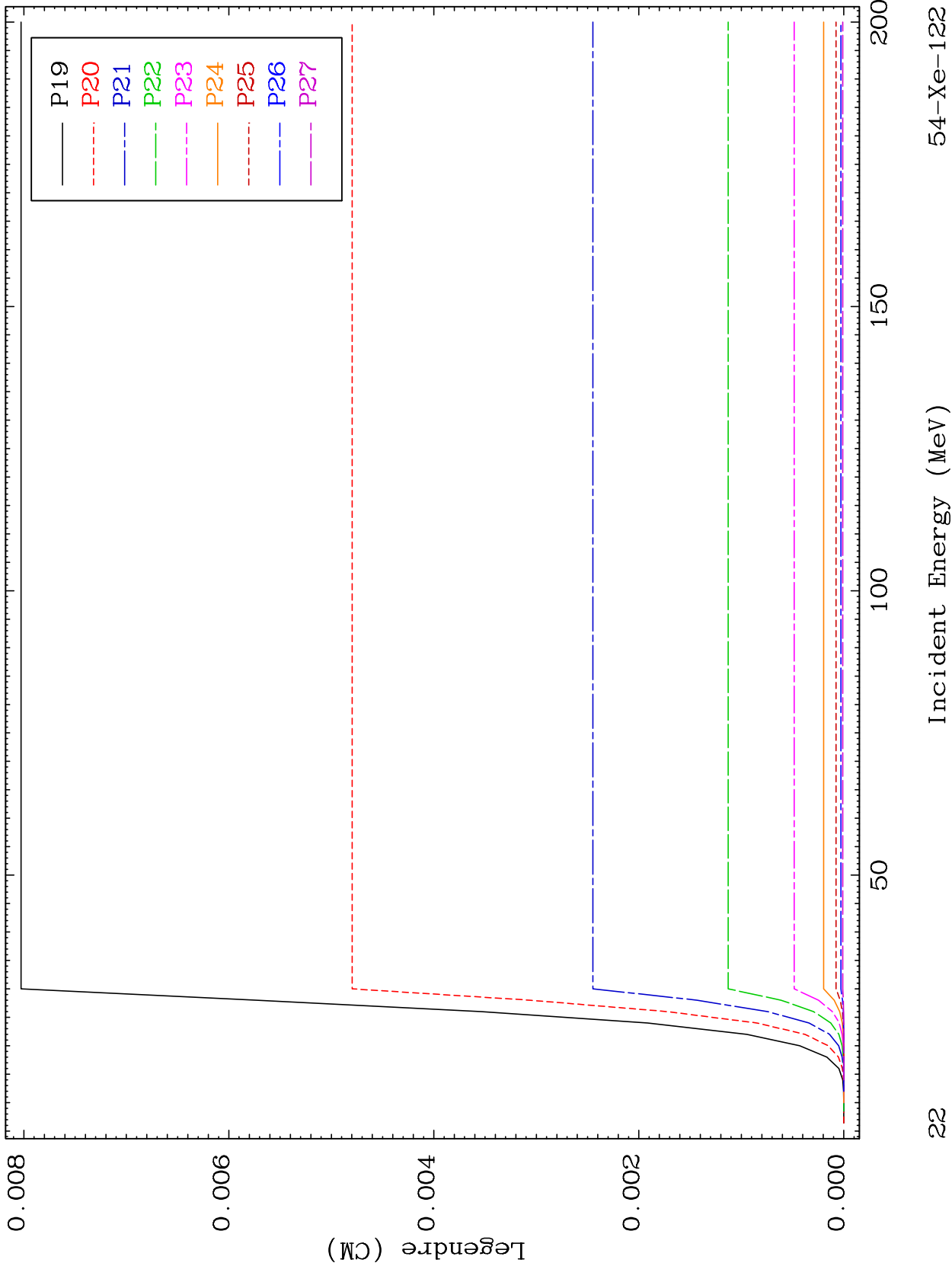
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21

Incident Energy (MeV)

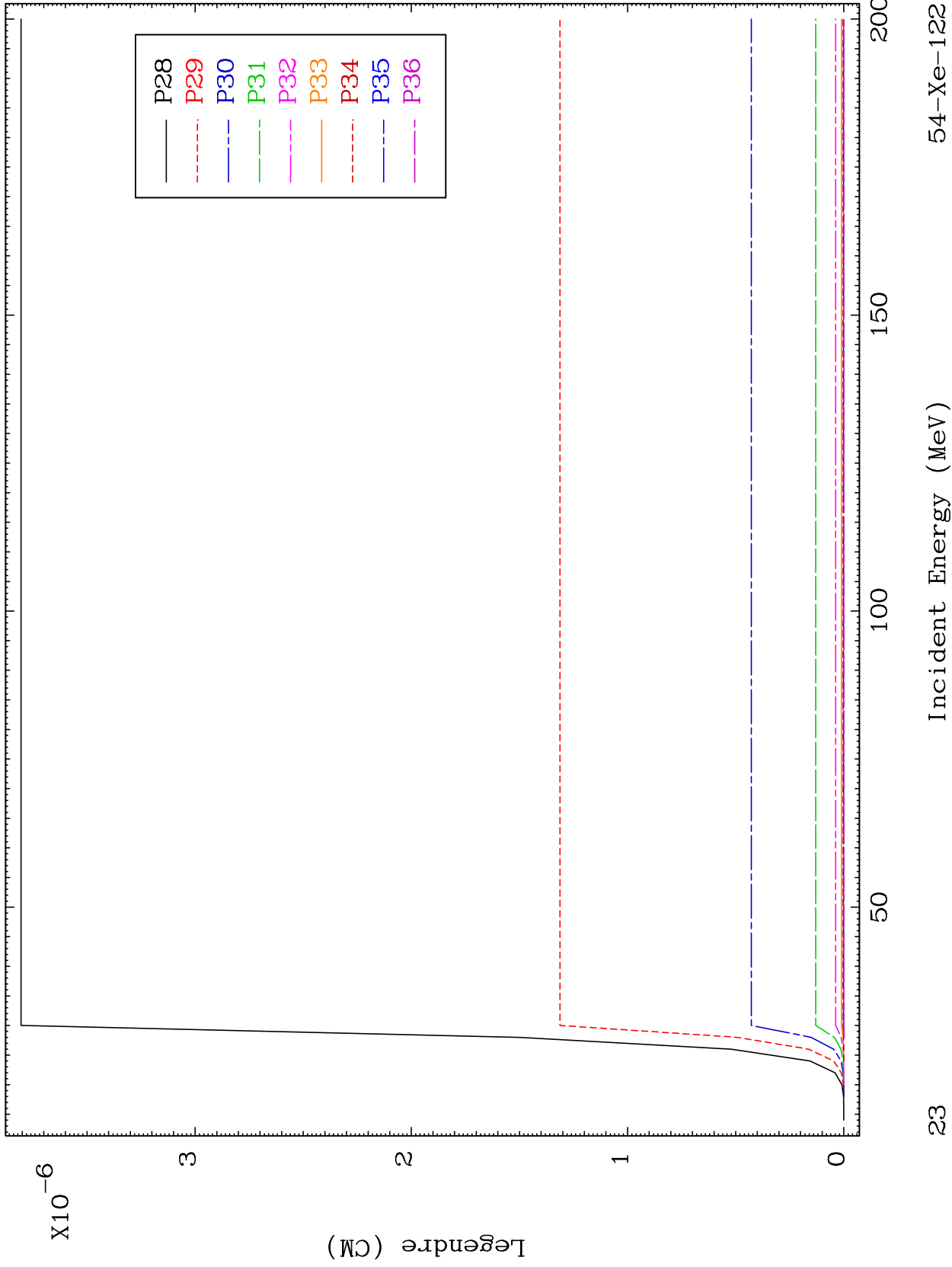
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MAT 5419

331.3 keV (n,n') Level  
Legendre Coefficients

54-Xe-122



23

Incident Energy (MeV)

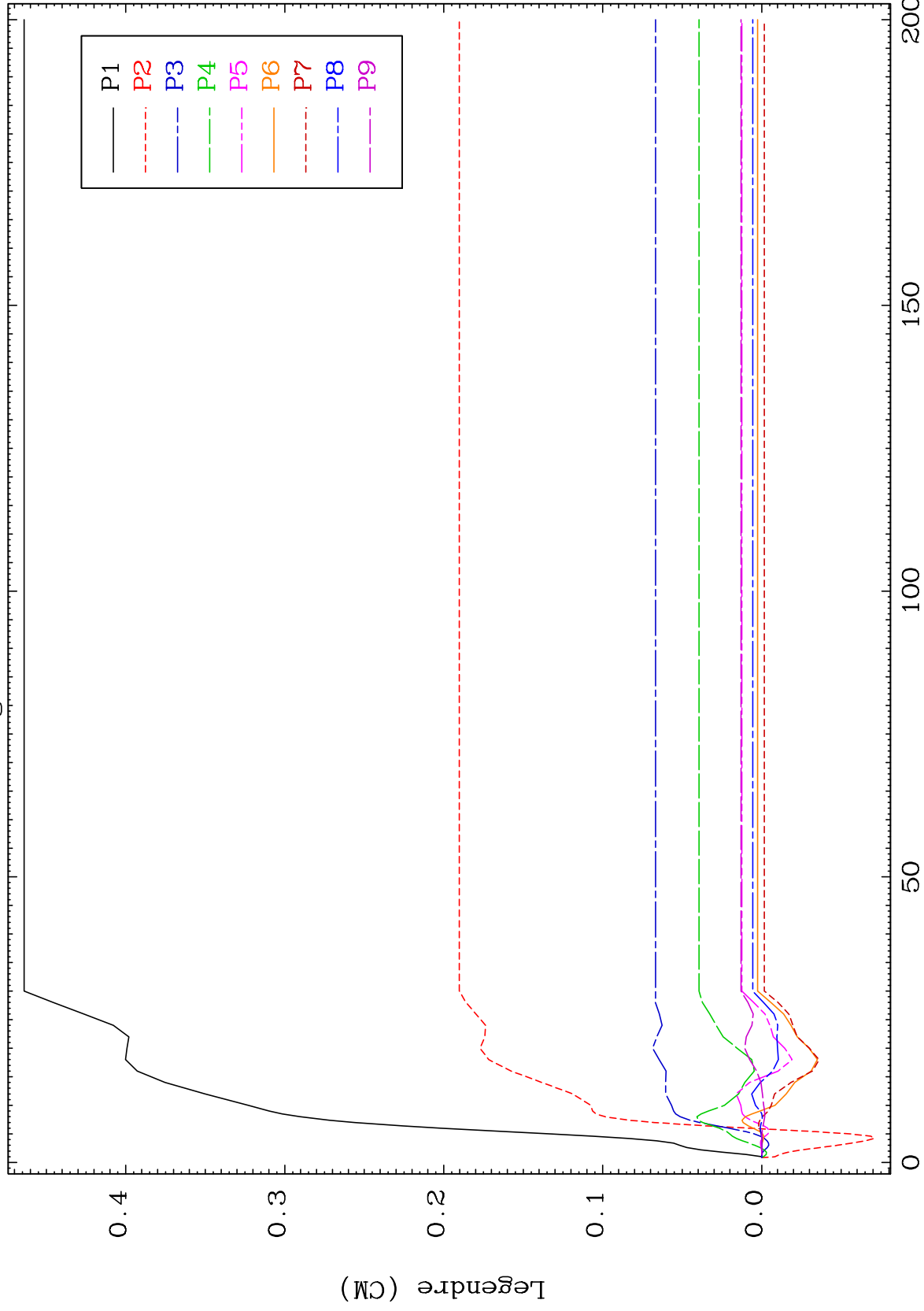
54-Xe-122



MAT 5419

828.5 keV (n,n') Level  
Legendre Coefficients

54-Xe-122



24

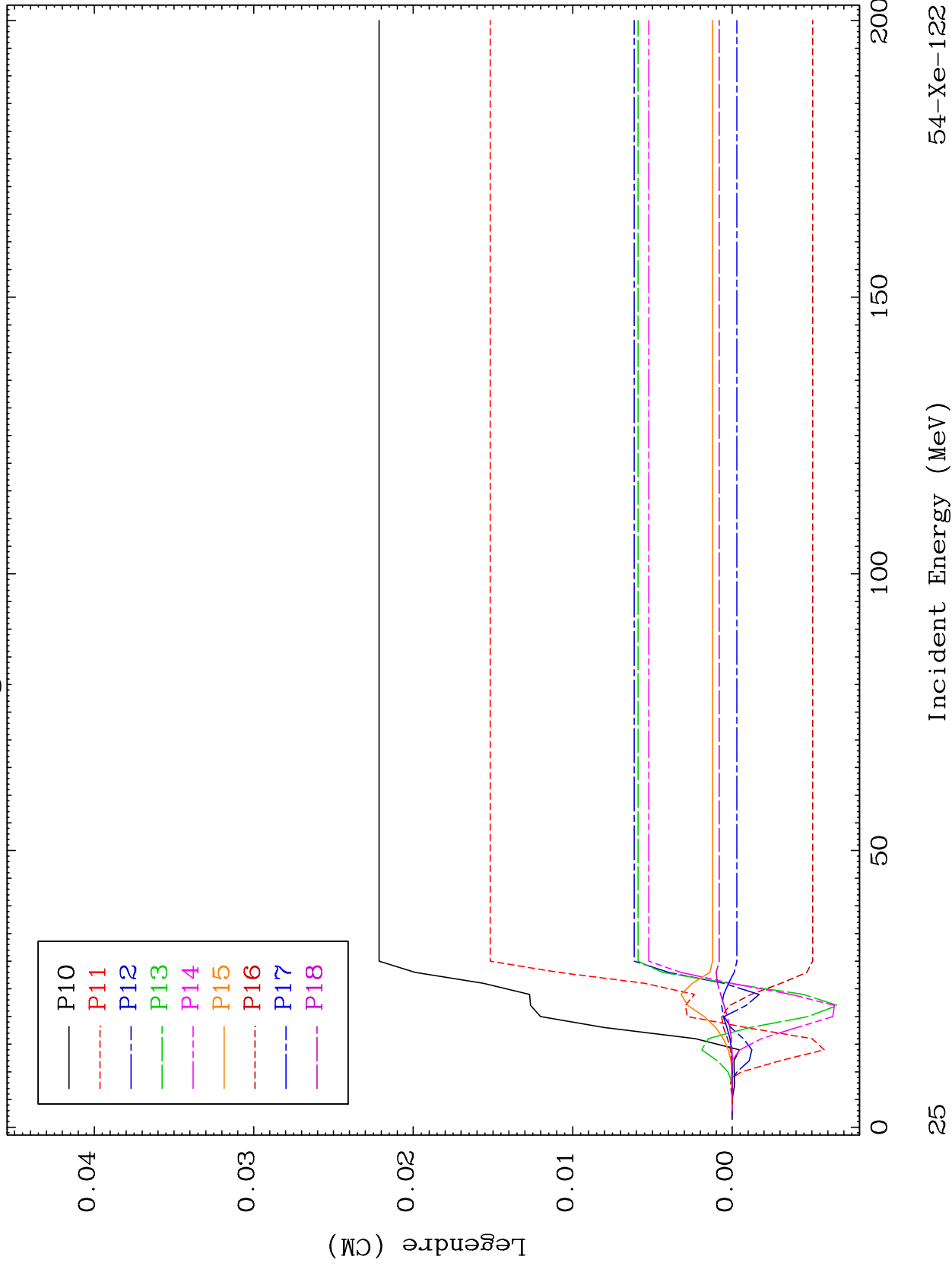
Incident Energy (MeV)

54-Xe-122

MAT 5419

828.5 keV (n,n') Level  
Legendre Coefficients

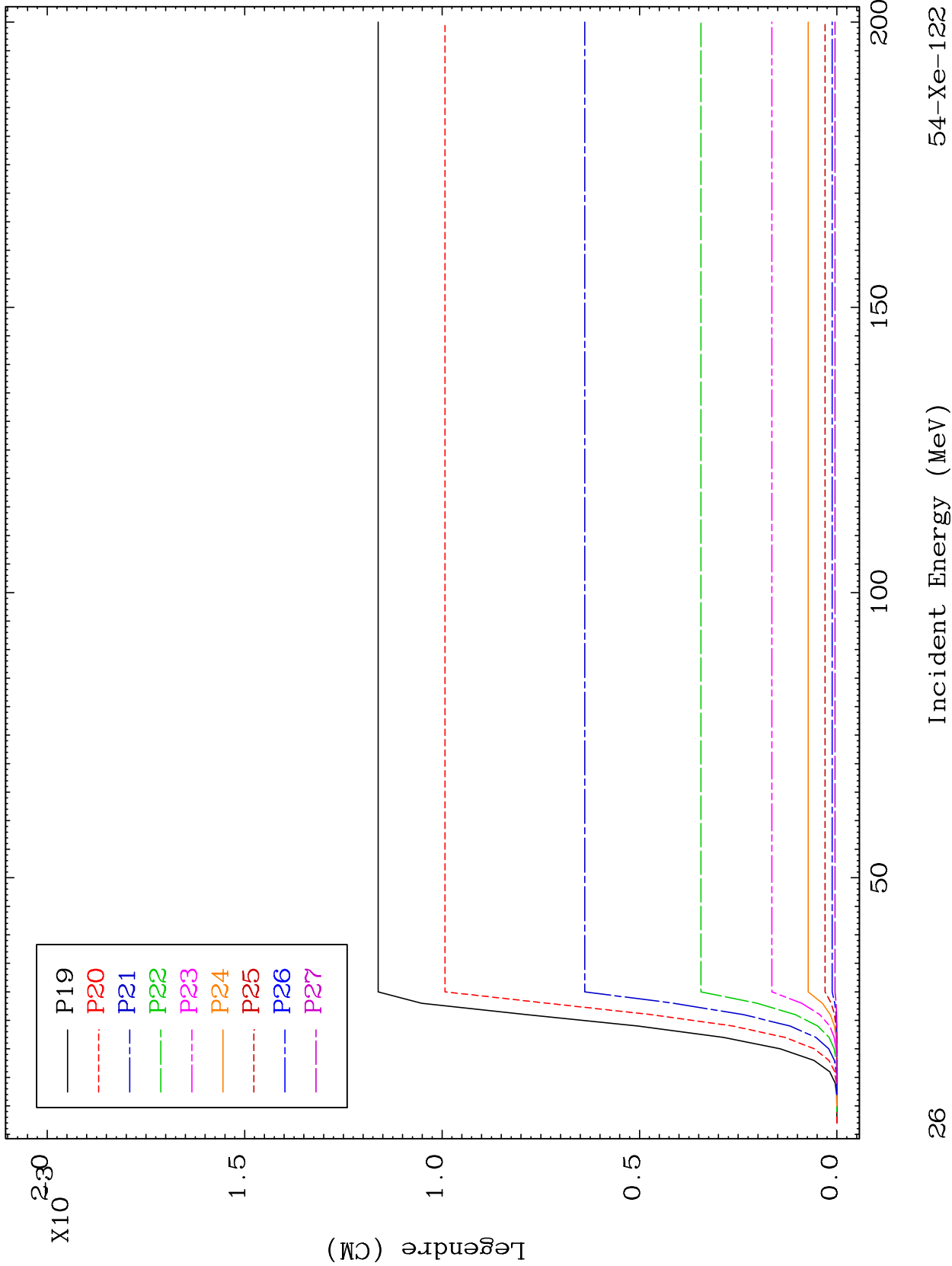
54-Xe-122



54-Xe-122

Incident Energy (MeV)

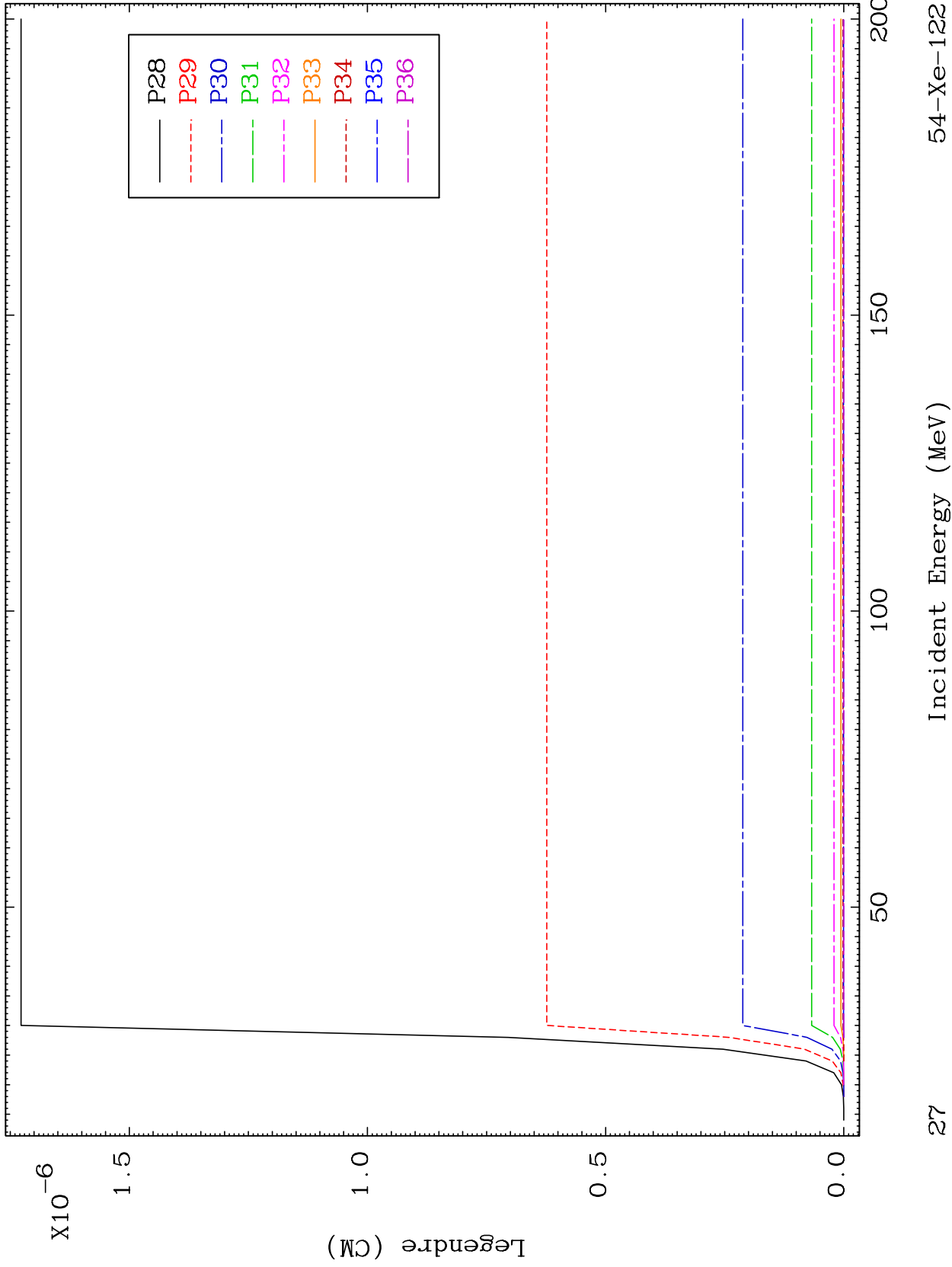
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MAT 5419

828.5 keV (n,n') Level  
Legendre Coefficients

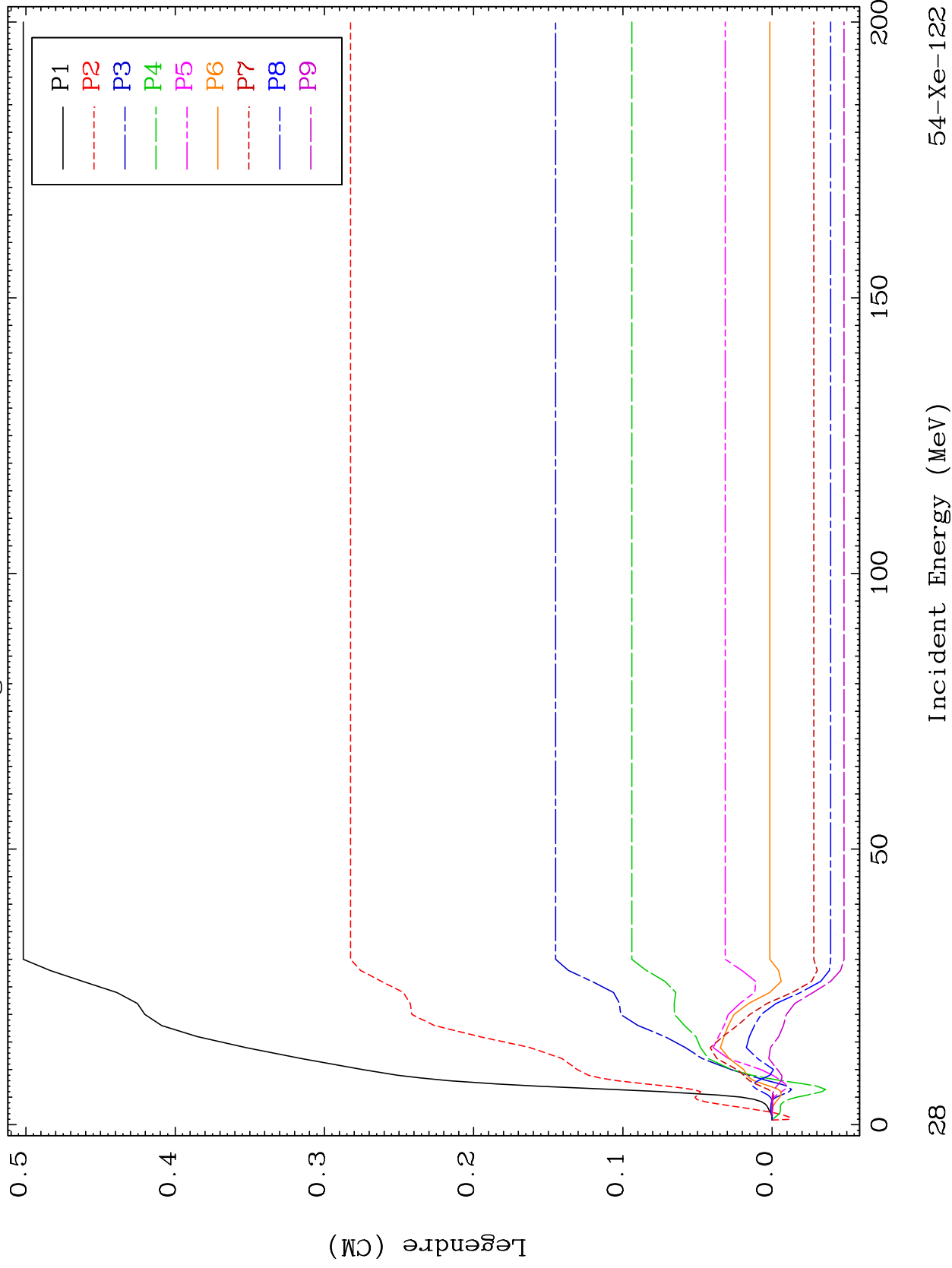
54-Xe-122



MAT 5419

843.1 keV (n,n') Level  
Legendre Coefficients

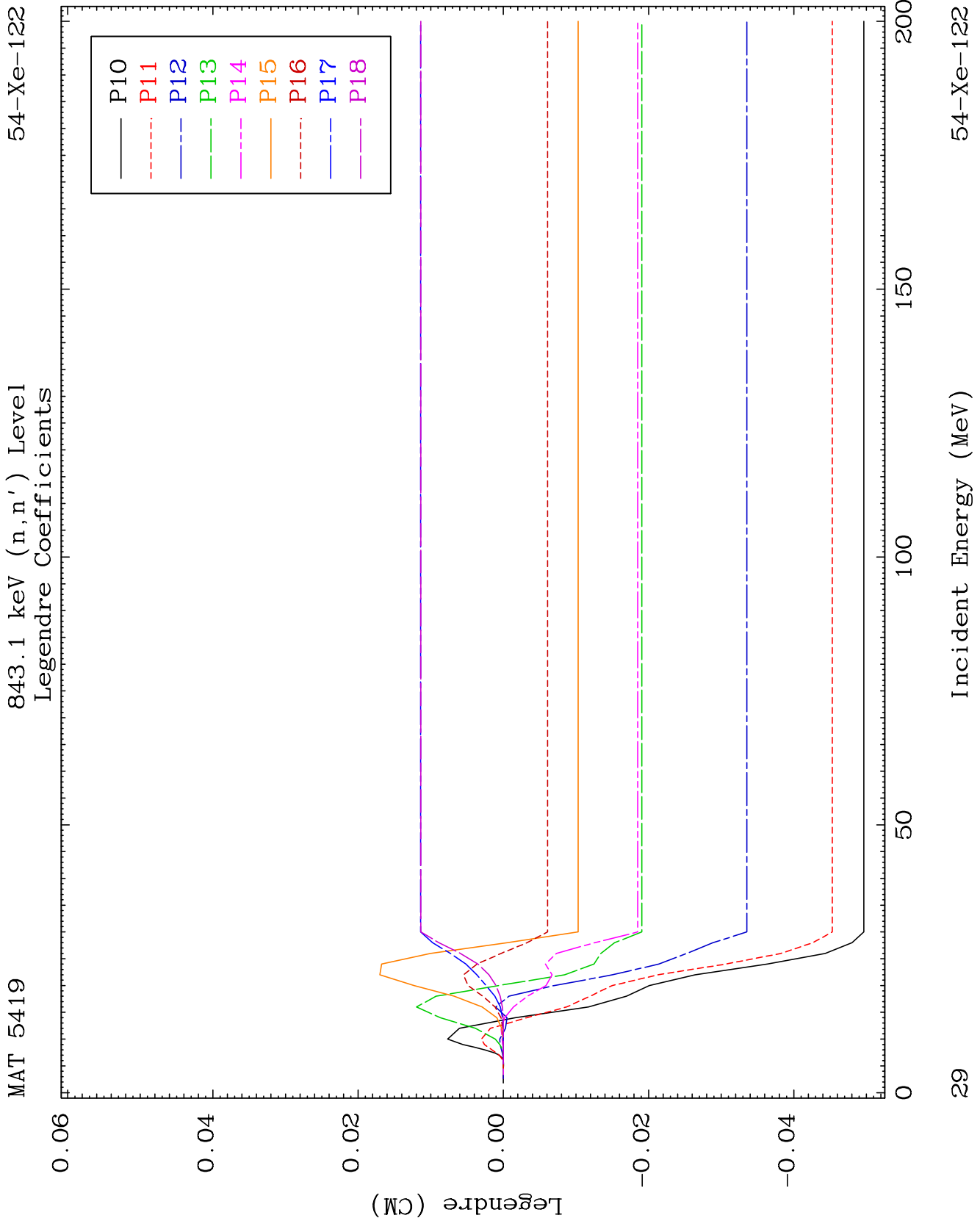
54-Xe-122



54-Xe-122

Incident Energy (MeV)

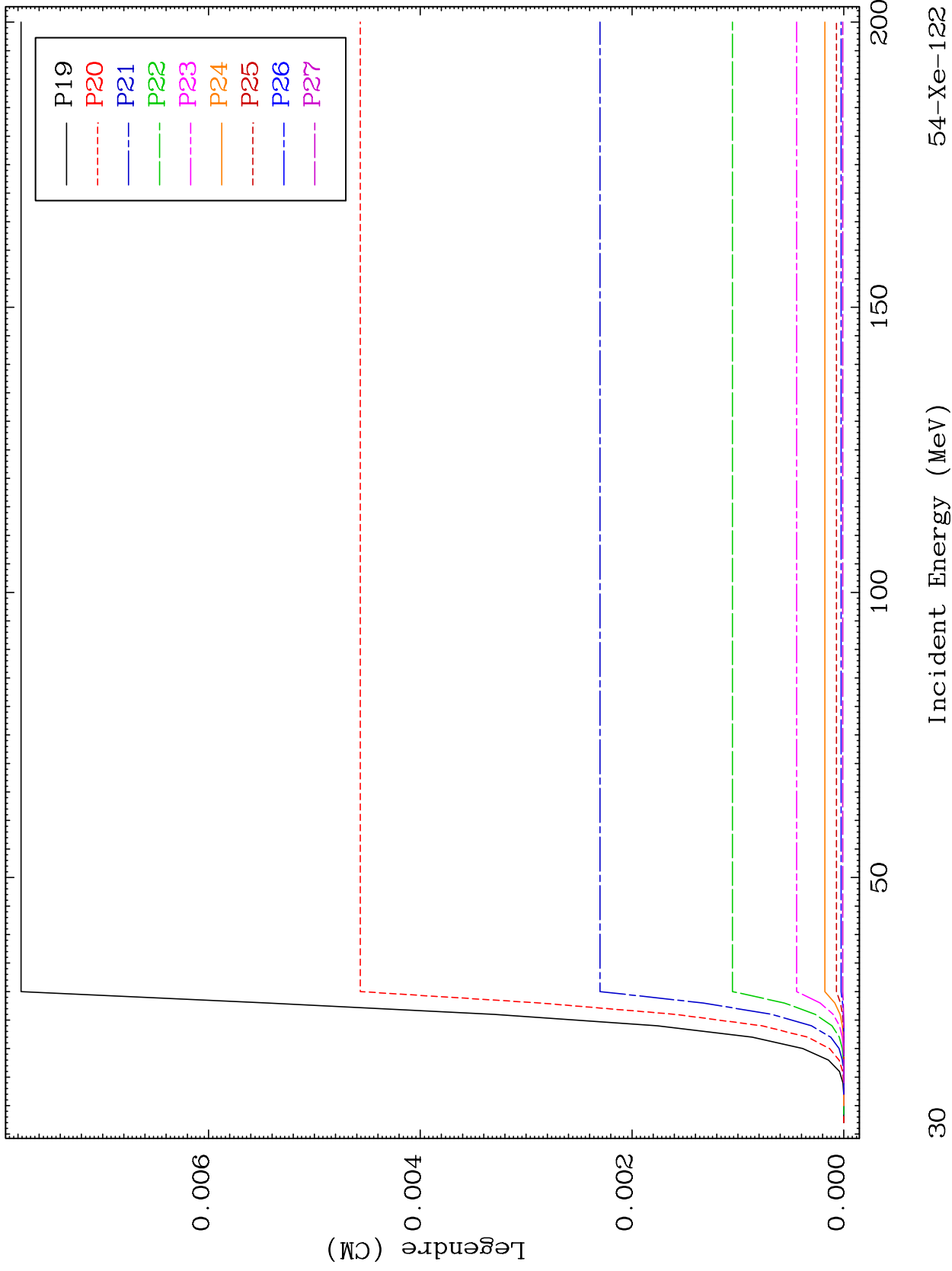
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MAT 5419

843.1 keV (n,n') Level  
Legendre Coefficients

54-Xe-122



30

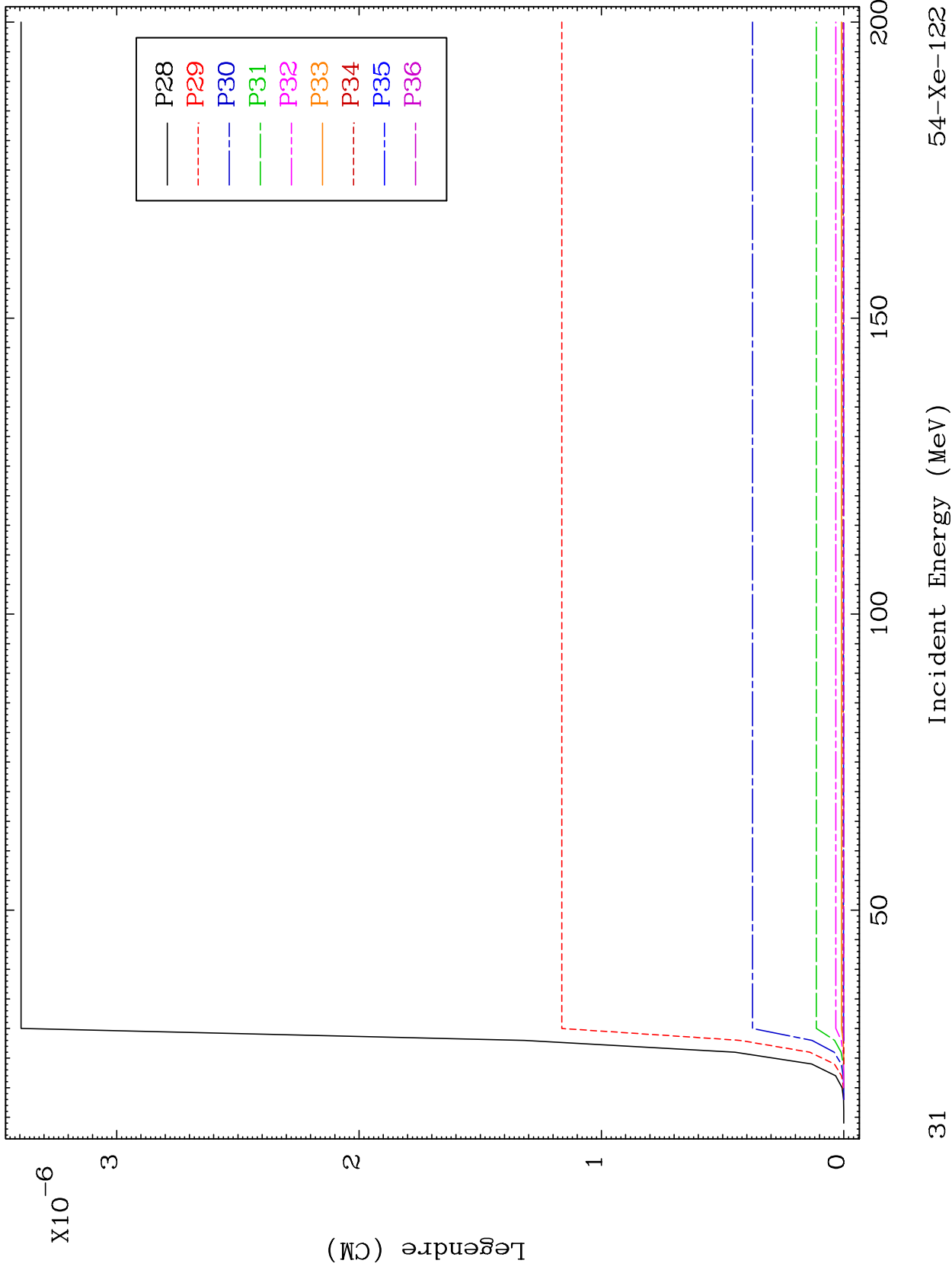
Incident Energy (MeV)

54-Xe-122

MAT 5419

843.1 keV (n,n') Level  
Legendre Coefficients

54-Xe-122



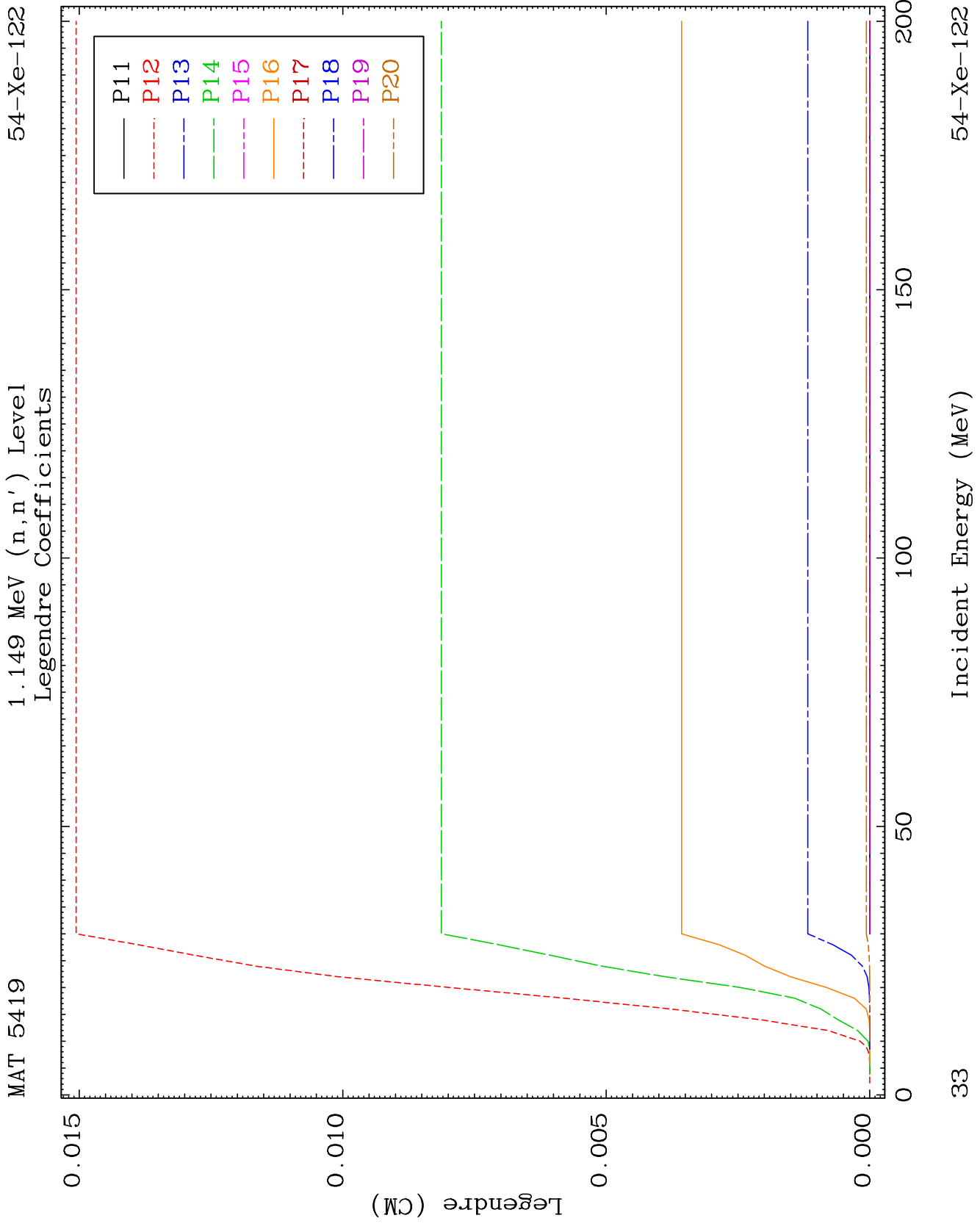
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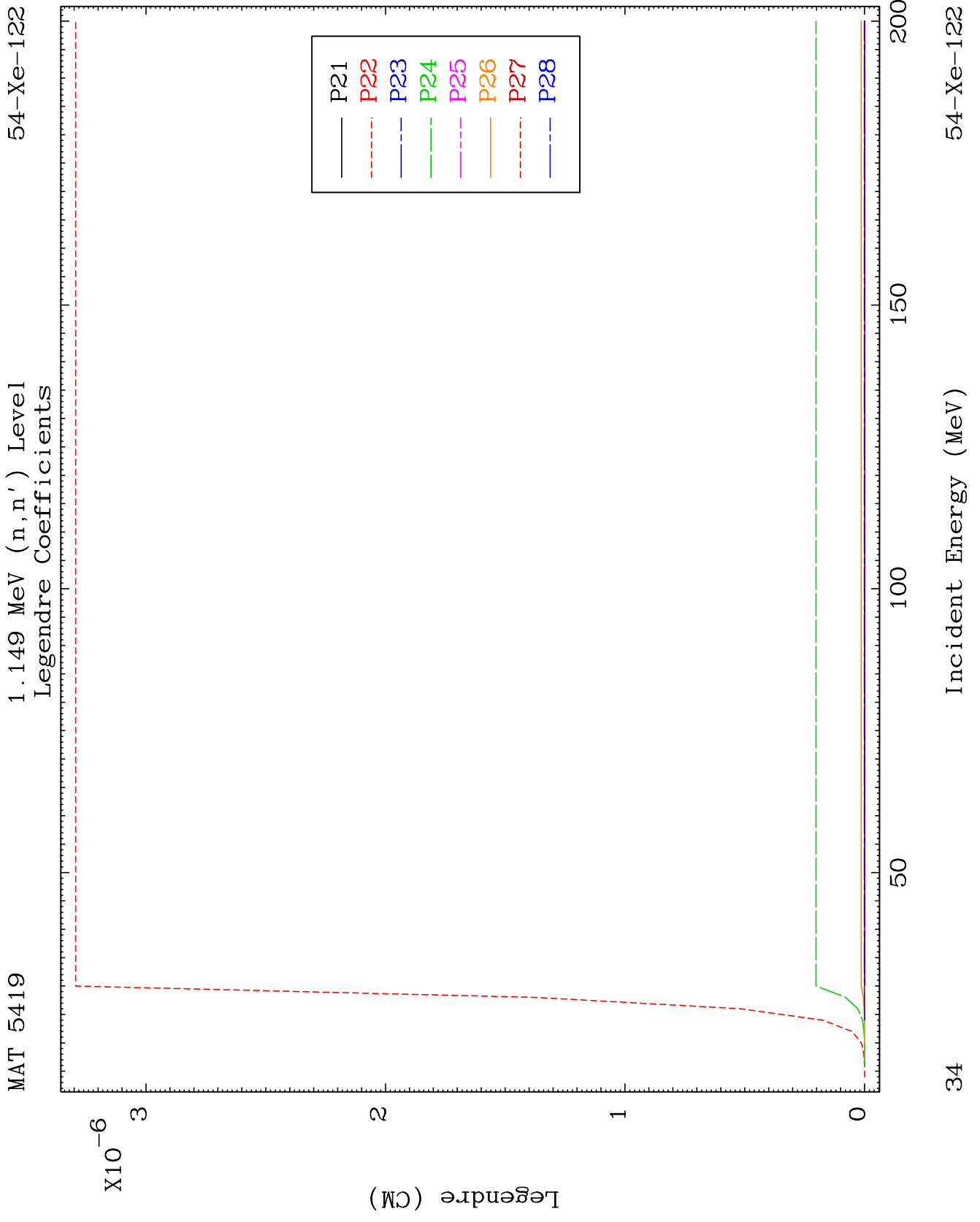
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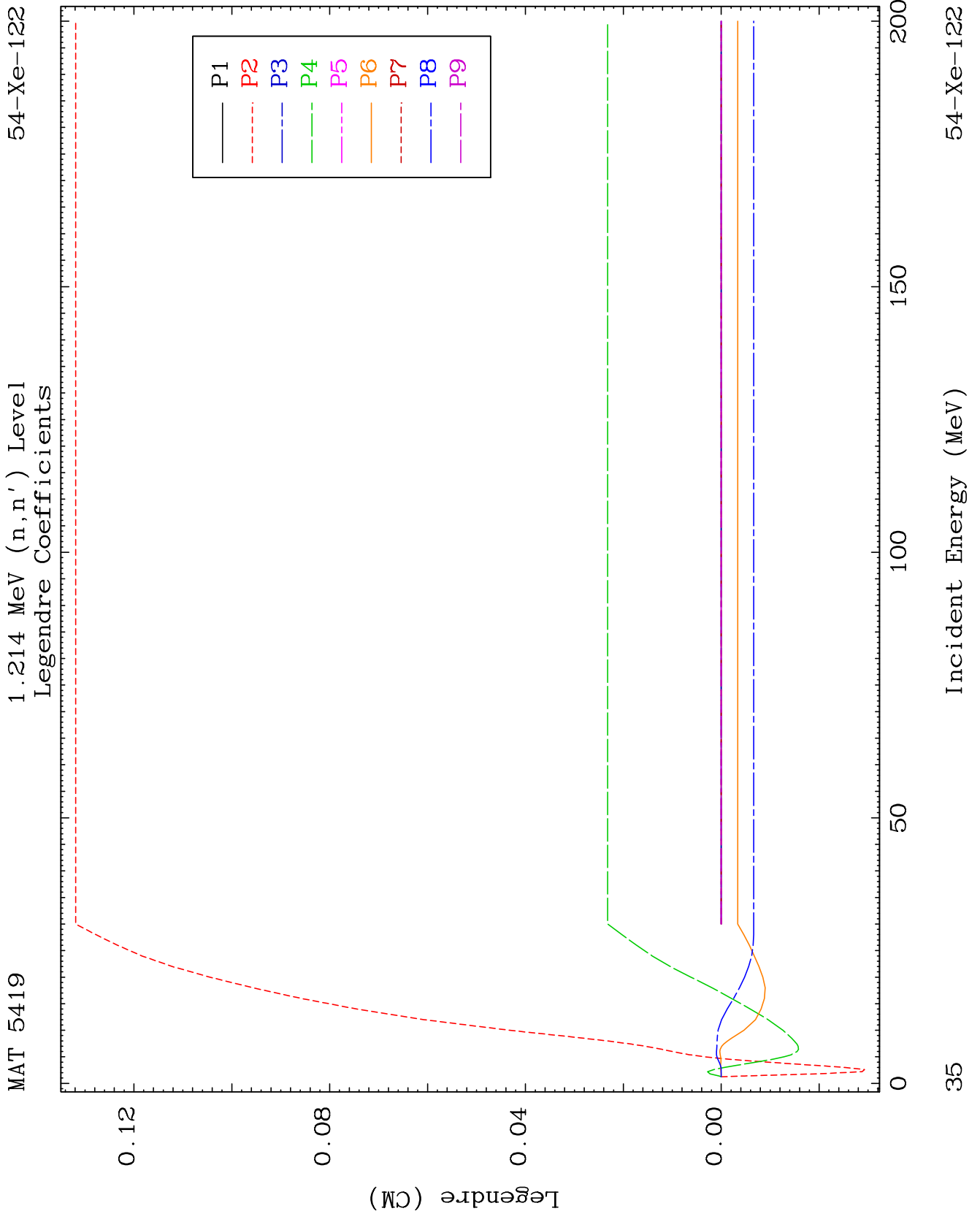
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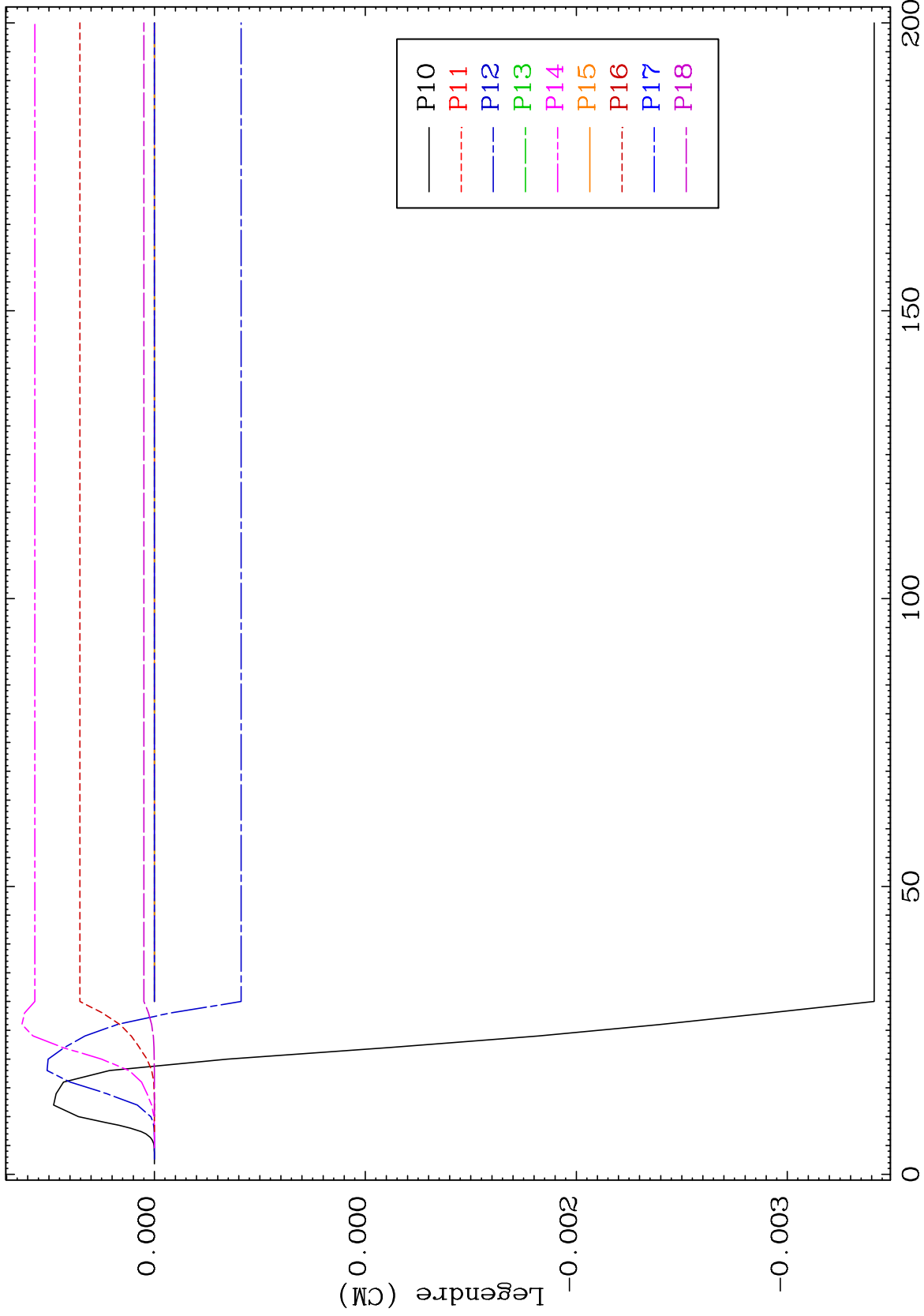




MAT 5419

1.214 MeV (n,n') Level  
Legendre Coefficients

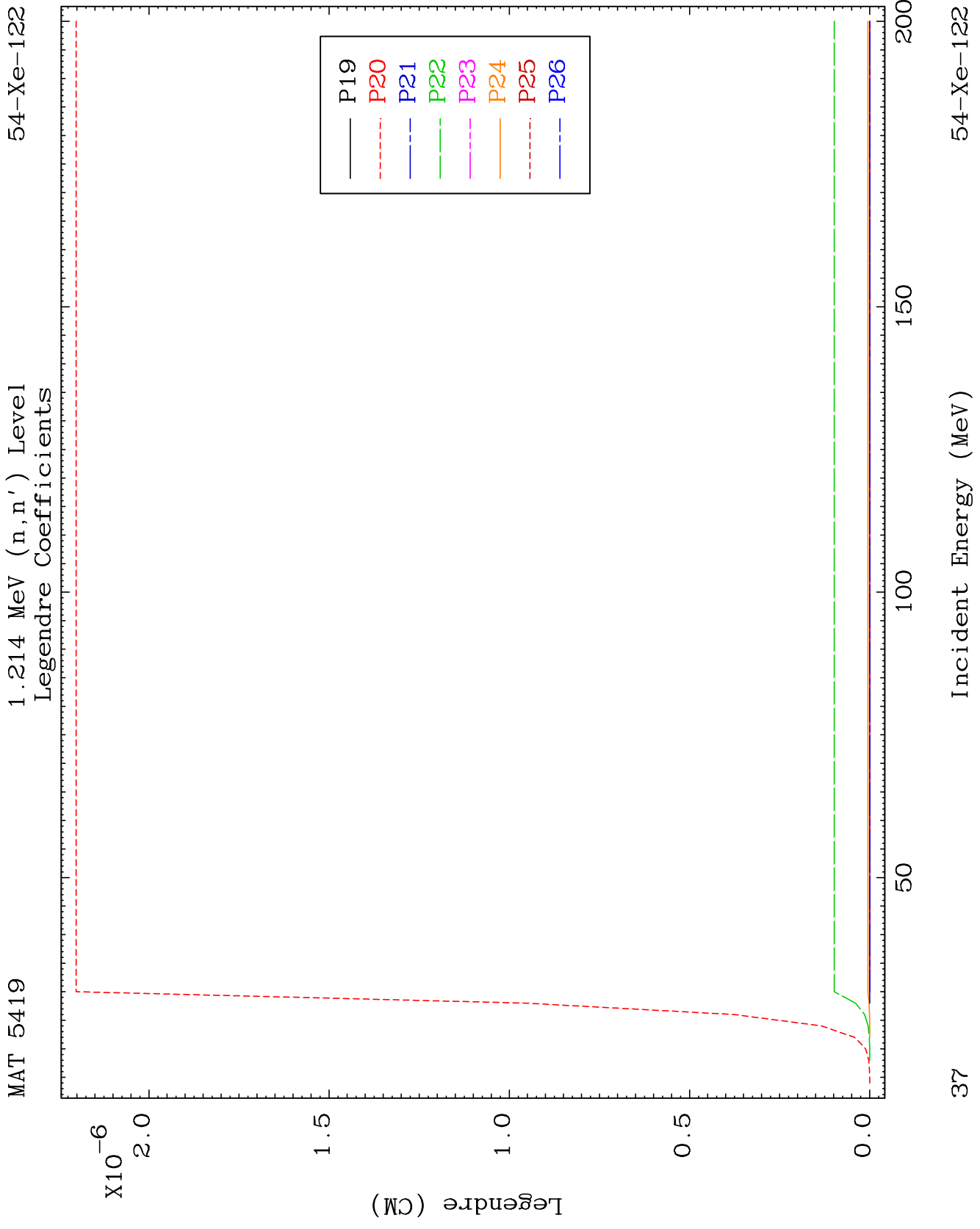
54-Xe-122



36

Incident Energy (MeV)

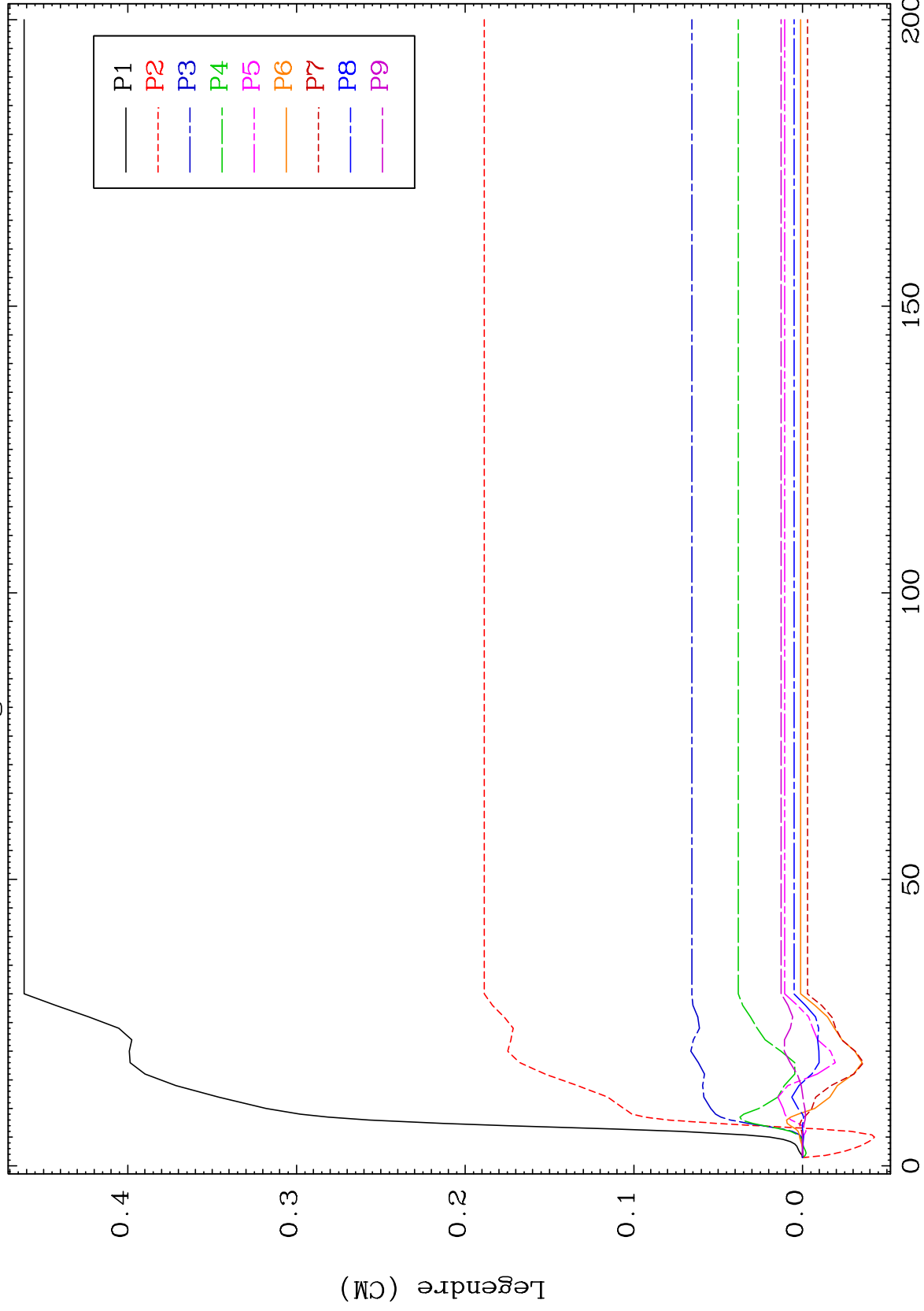
54-Xe-122



MAT 5419

1.403 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



38

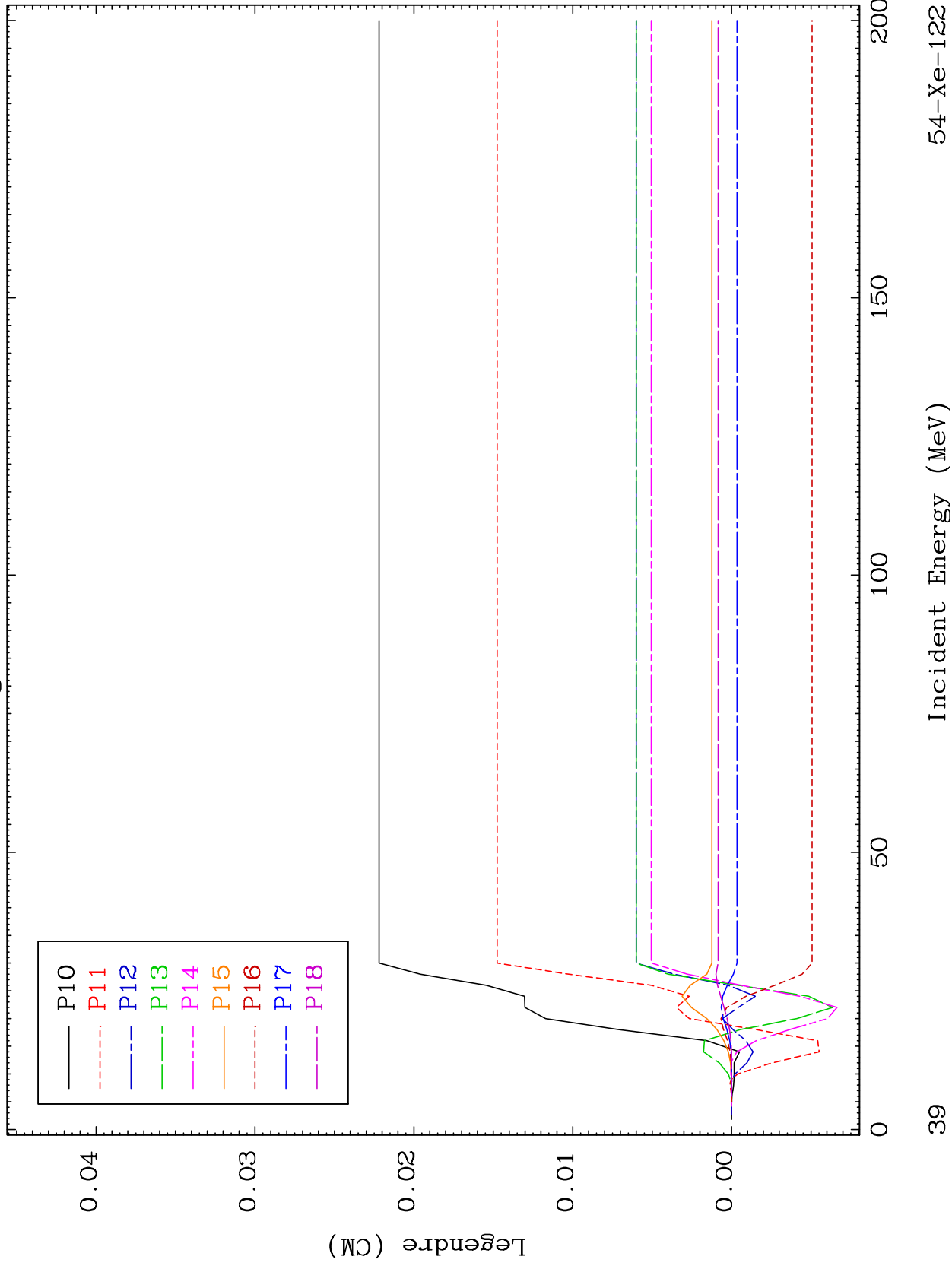
Incident Energy (MeV)

54-Xe-122

MAT 5419

1.403 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



39

Incident Energy (MeV)

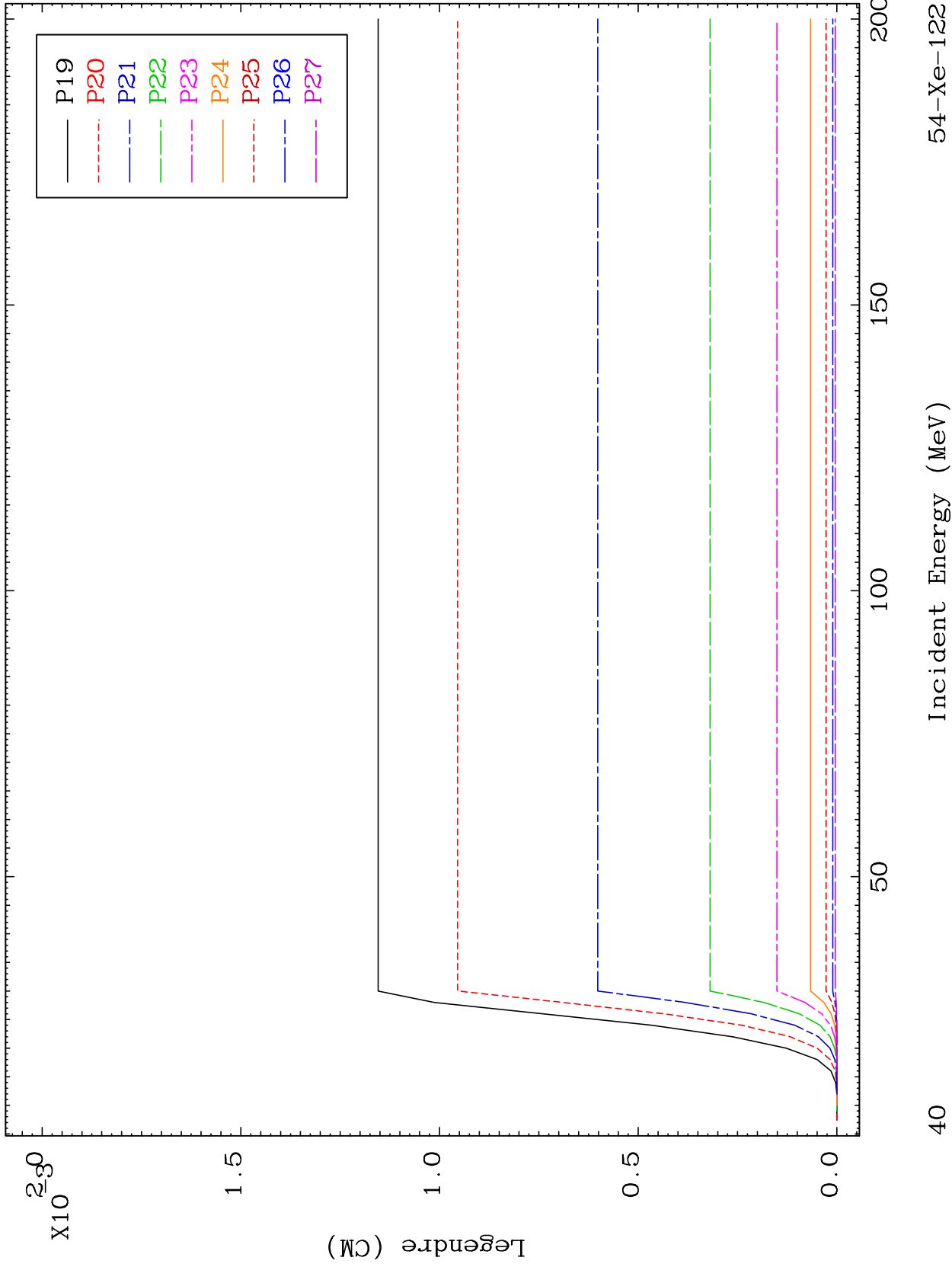
54-Xe-122



MAT 5419

1.403 MeV (n,n') Level  
Legendre Coefficients

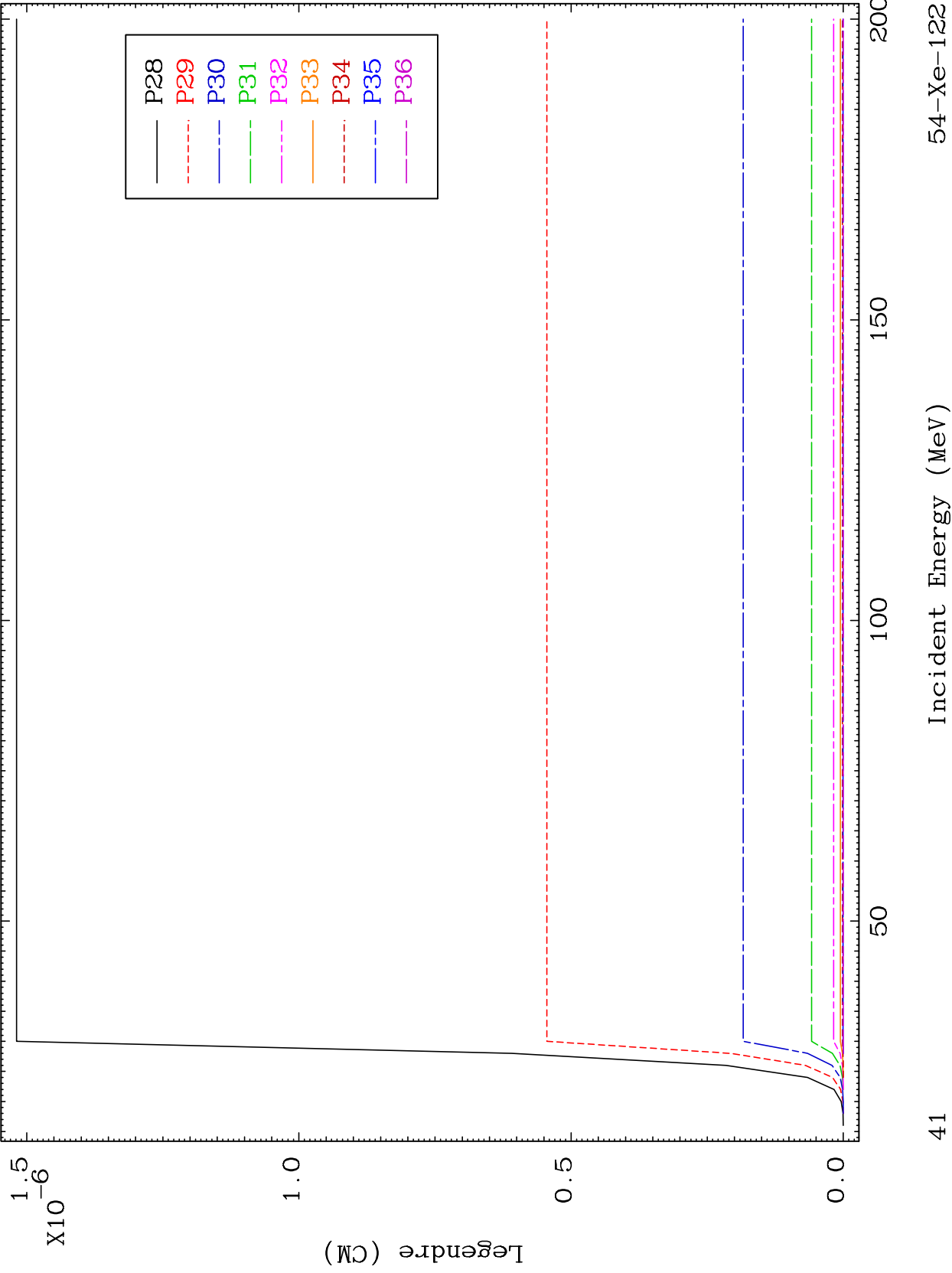
54-Xe-122



MAT 5419

1.403 MeV (n,n') Level  
Legendre Coefficients

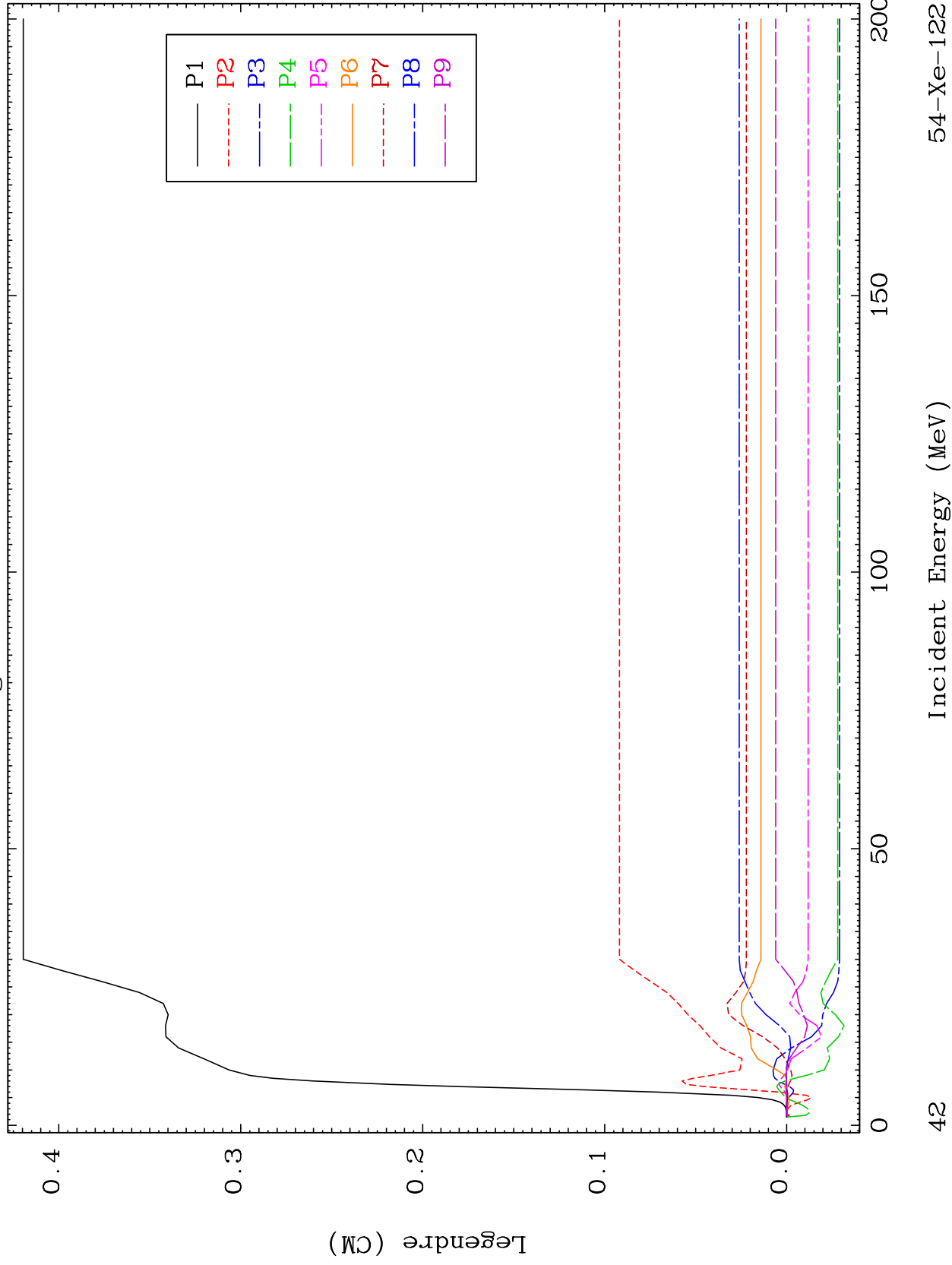
54-Xe-122



MAT 5419

1.467 MeV (n,n') Level  
Legendre Coefficients

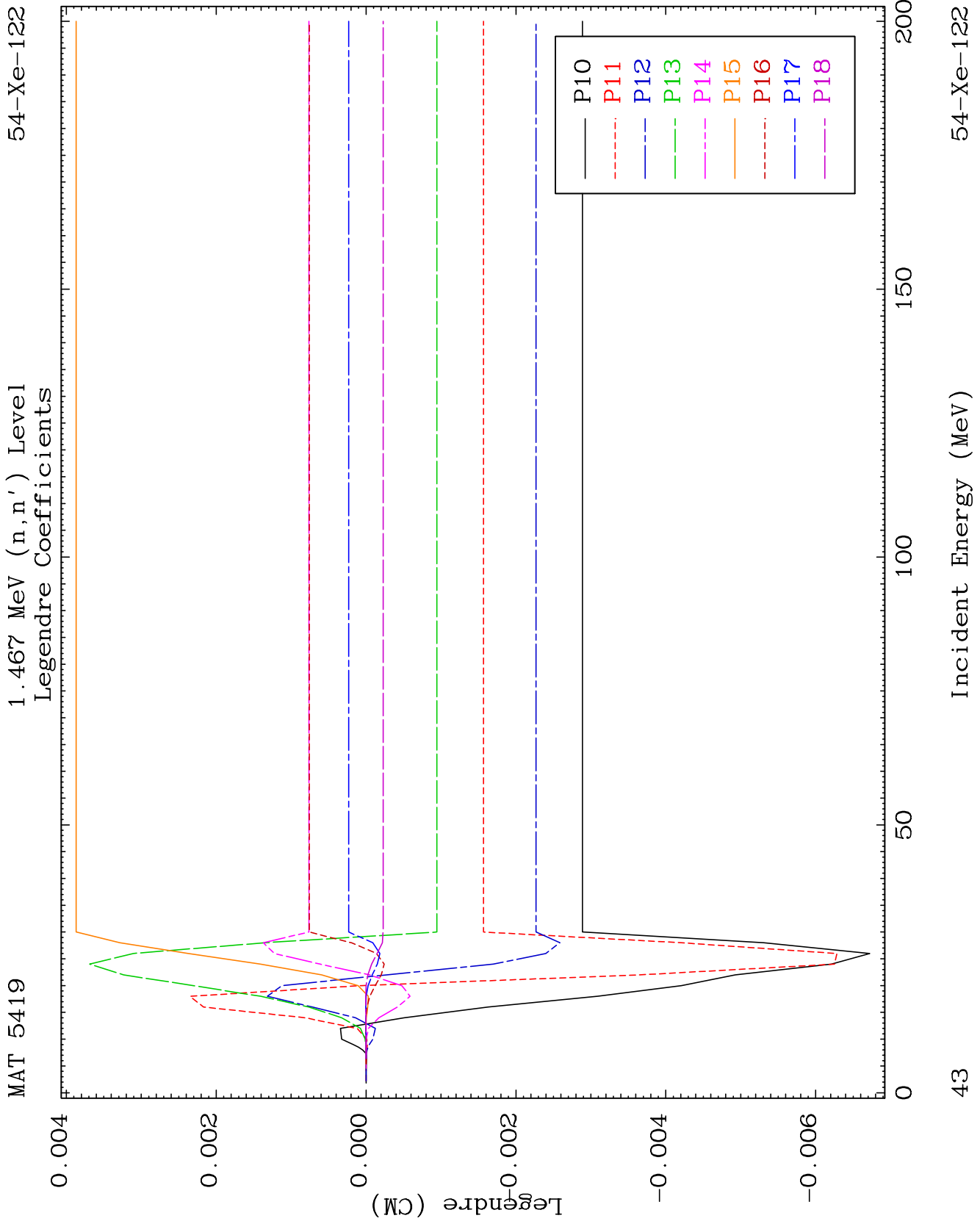
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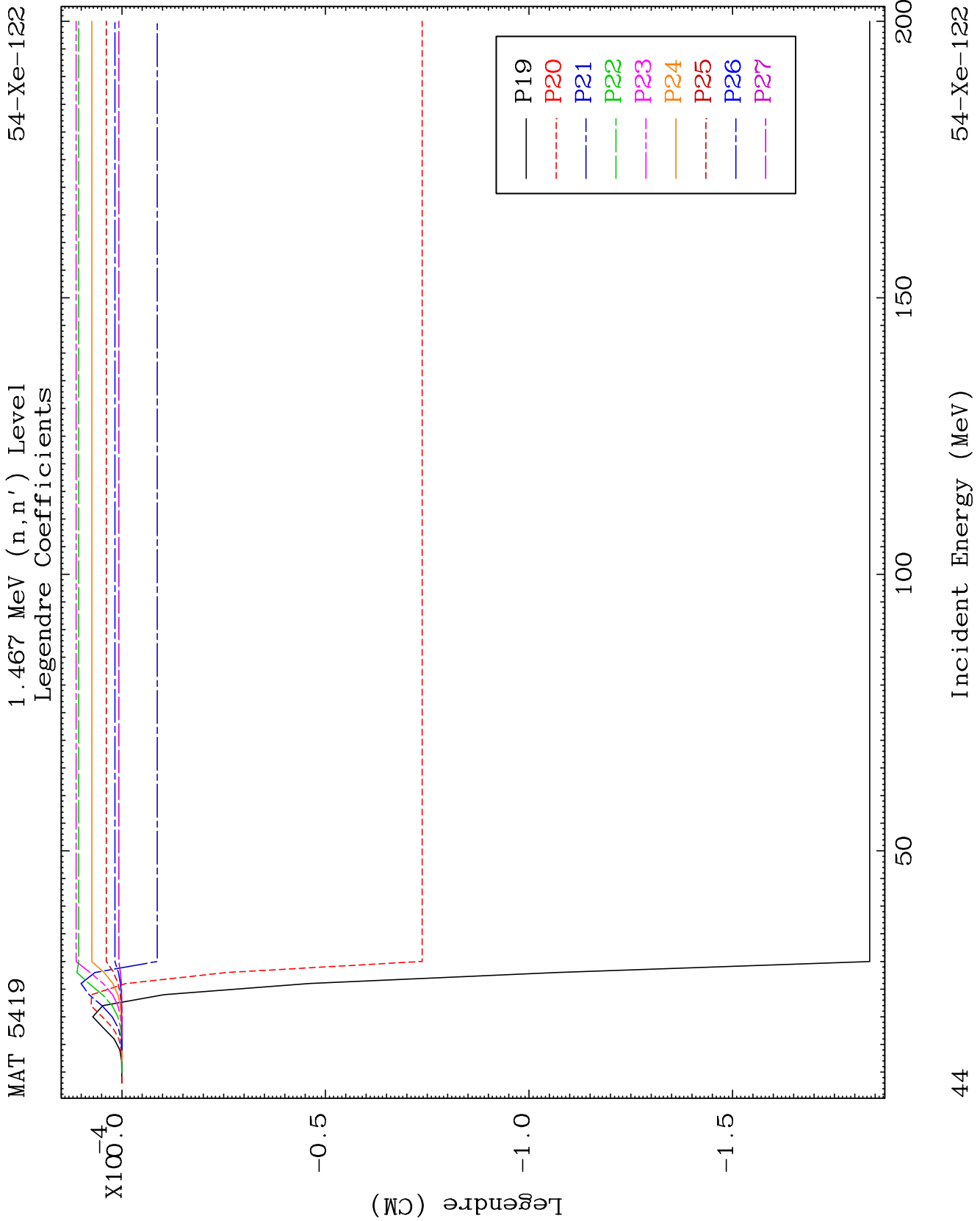


54-Xe-122

Incident Energy (MeV)

42

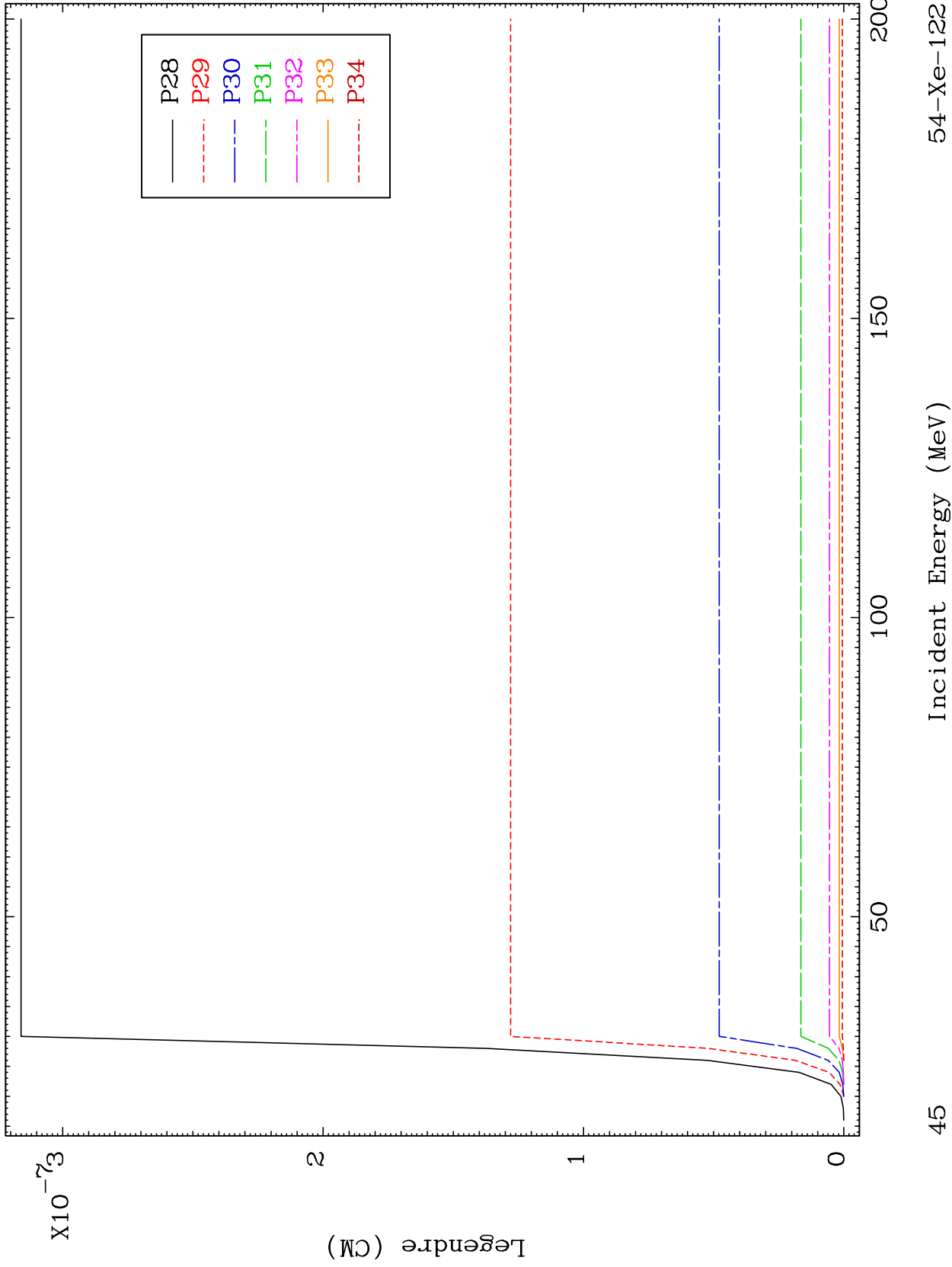




MAT 5419

1.467 MeV (n,n') Level  
Legendre Coefficients

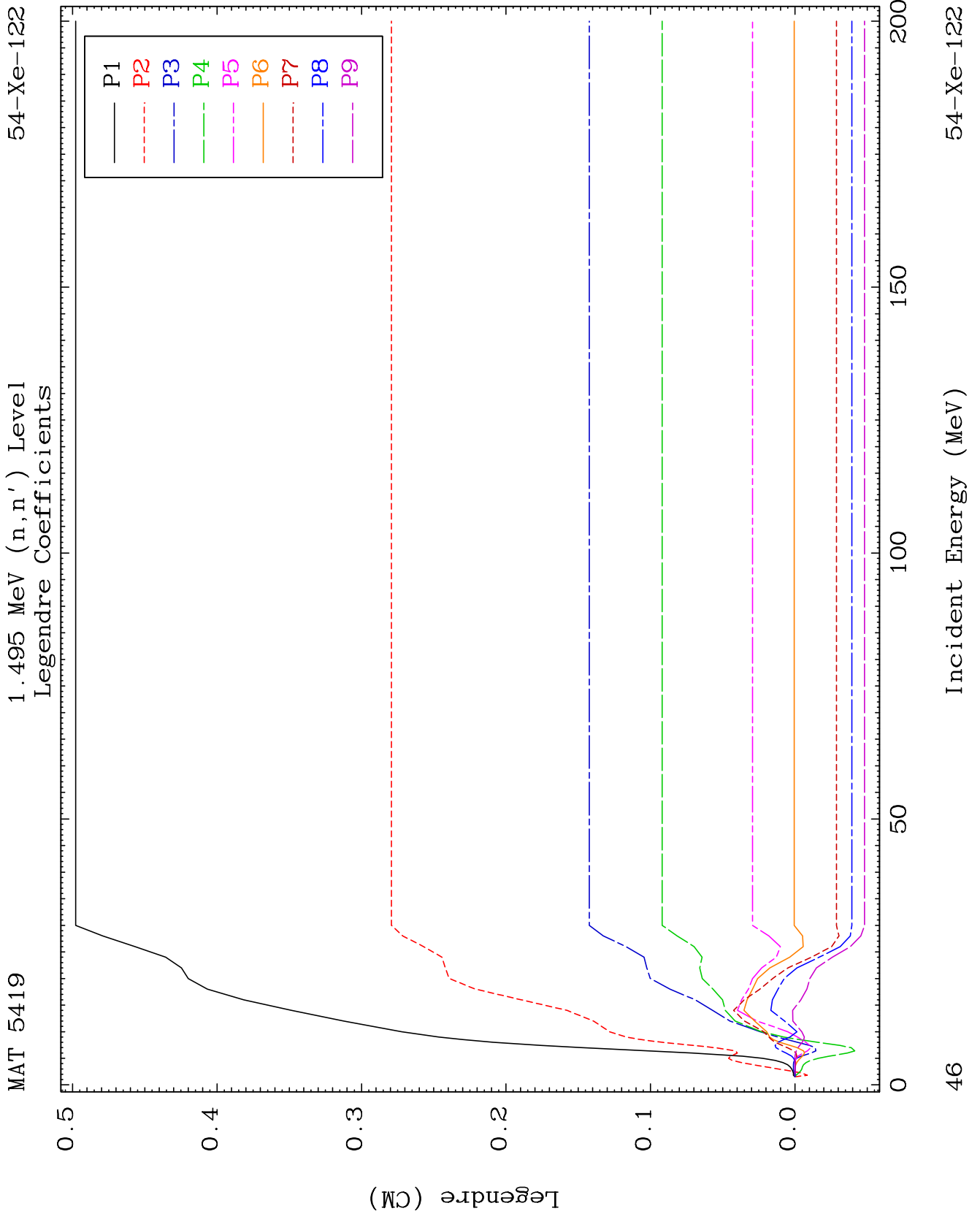
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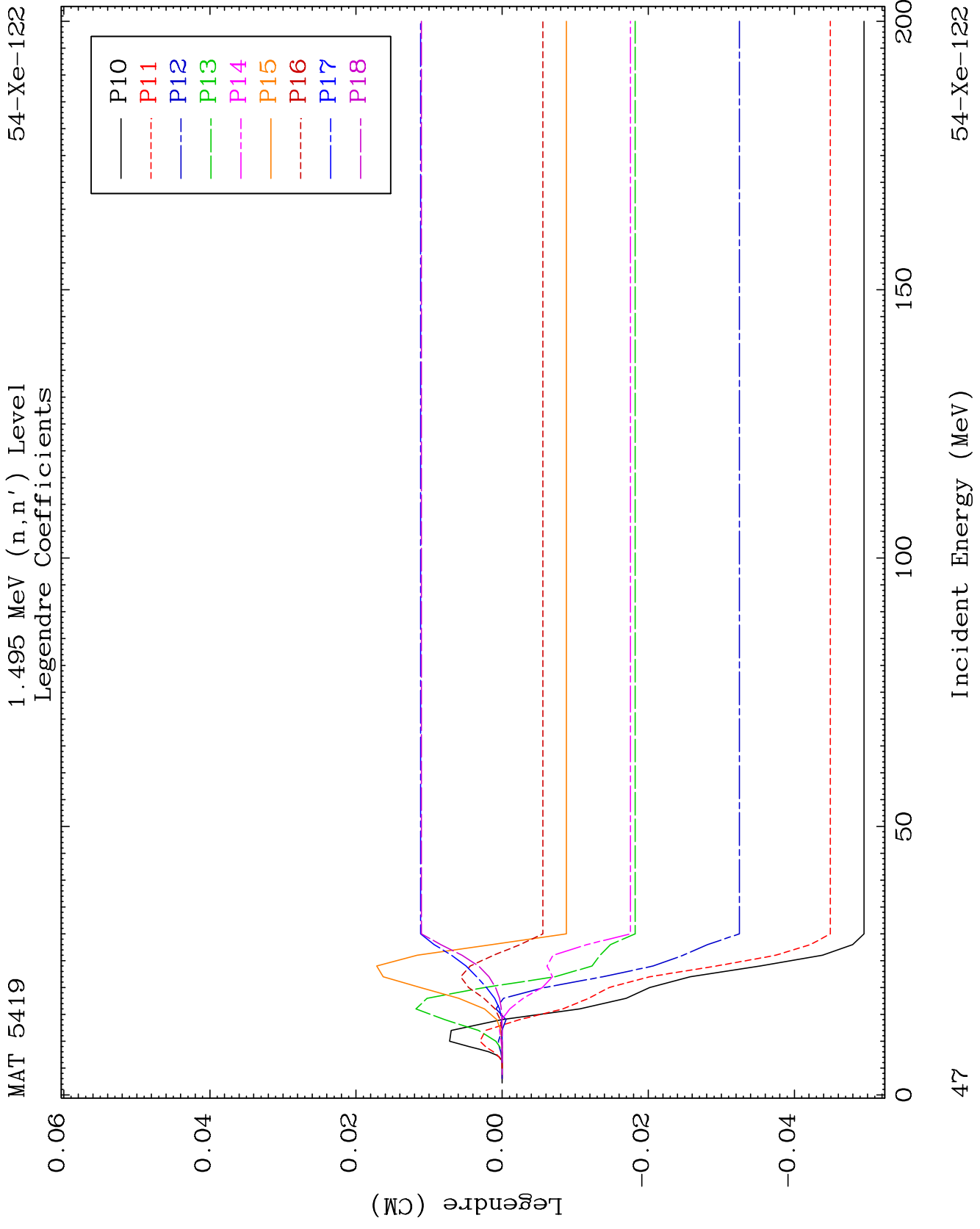


45

Incident Energy (MeV)

54-Xe-122



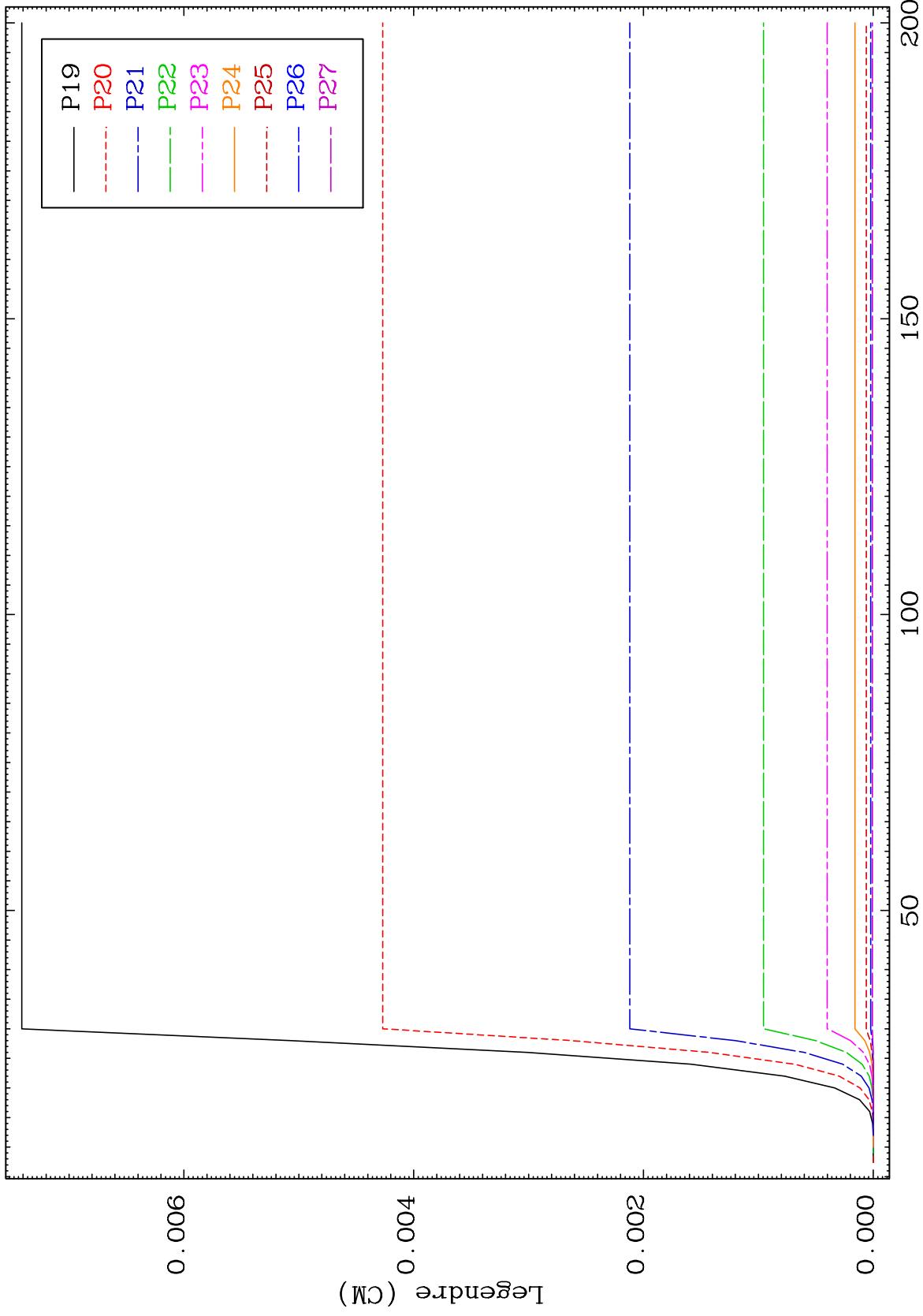




MAT 5419

1.495 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



48

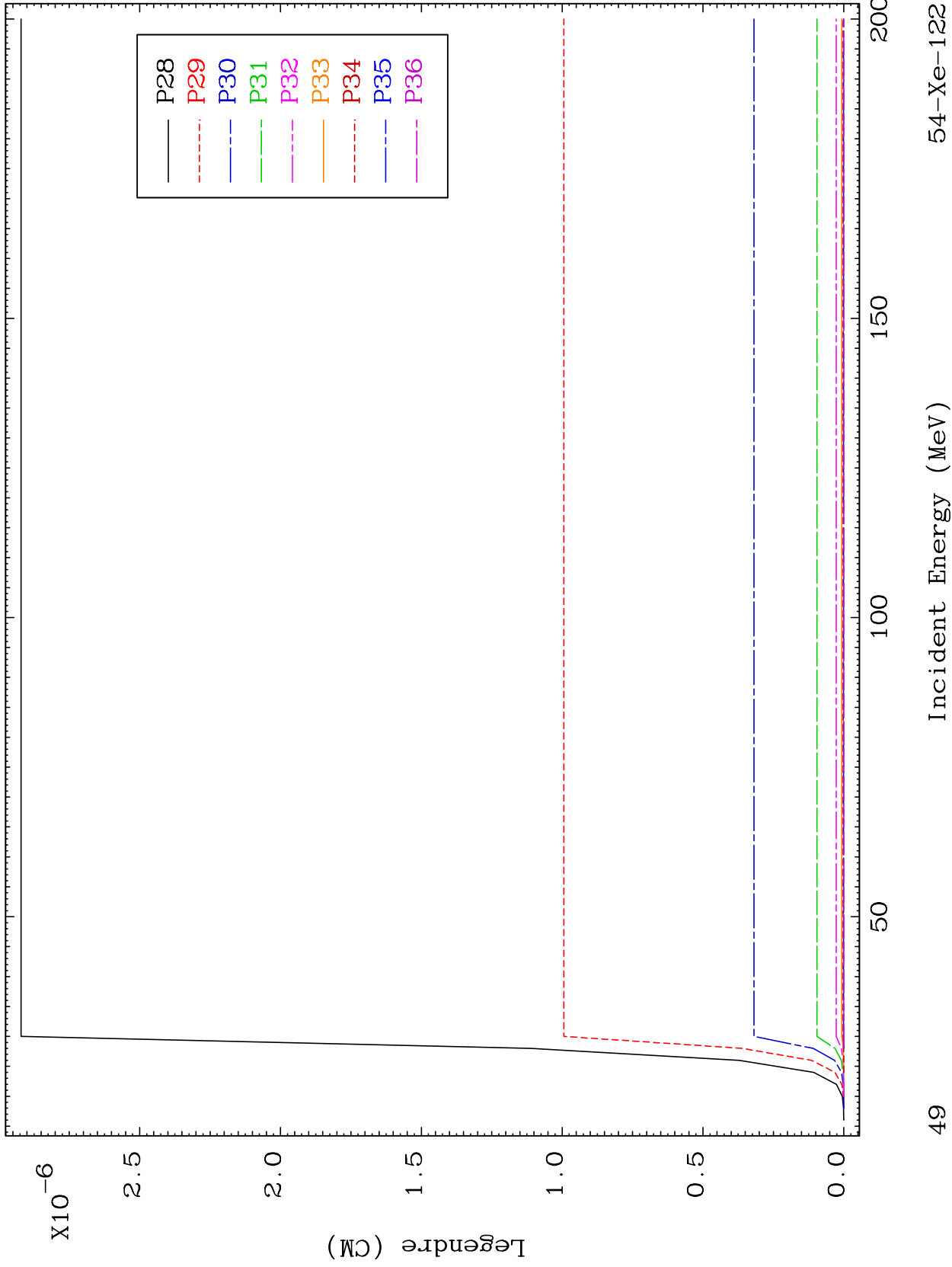
Incident Energy (MeV)

54-Xe-122

MAT 5419

1.495 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



49

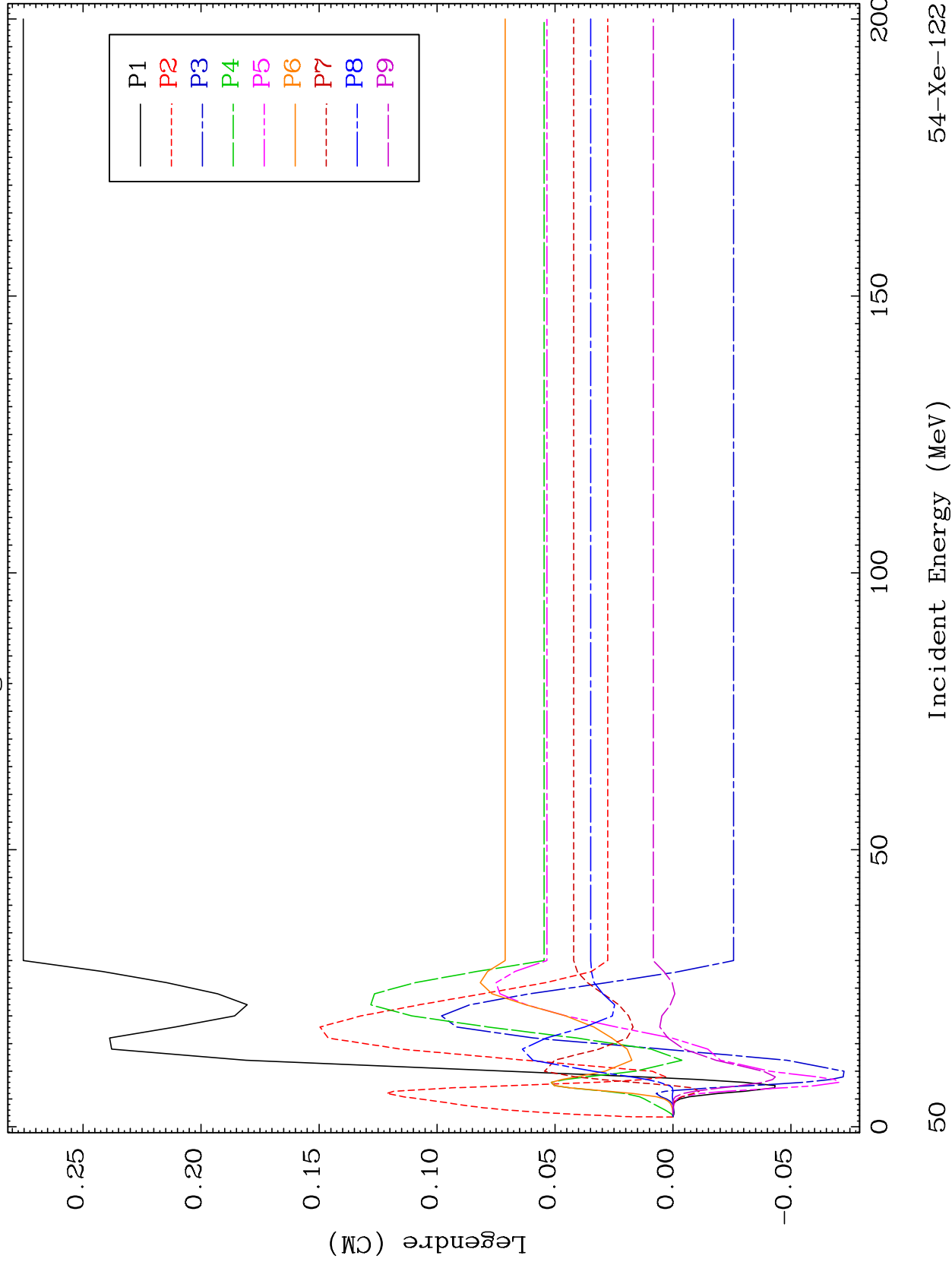
Incident Energy (MeV)

54-Xe-122

MAT 5419

1.716 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



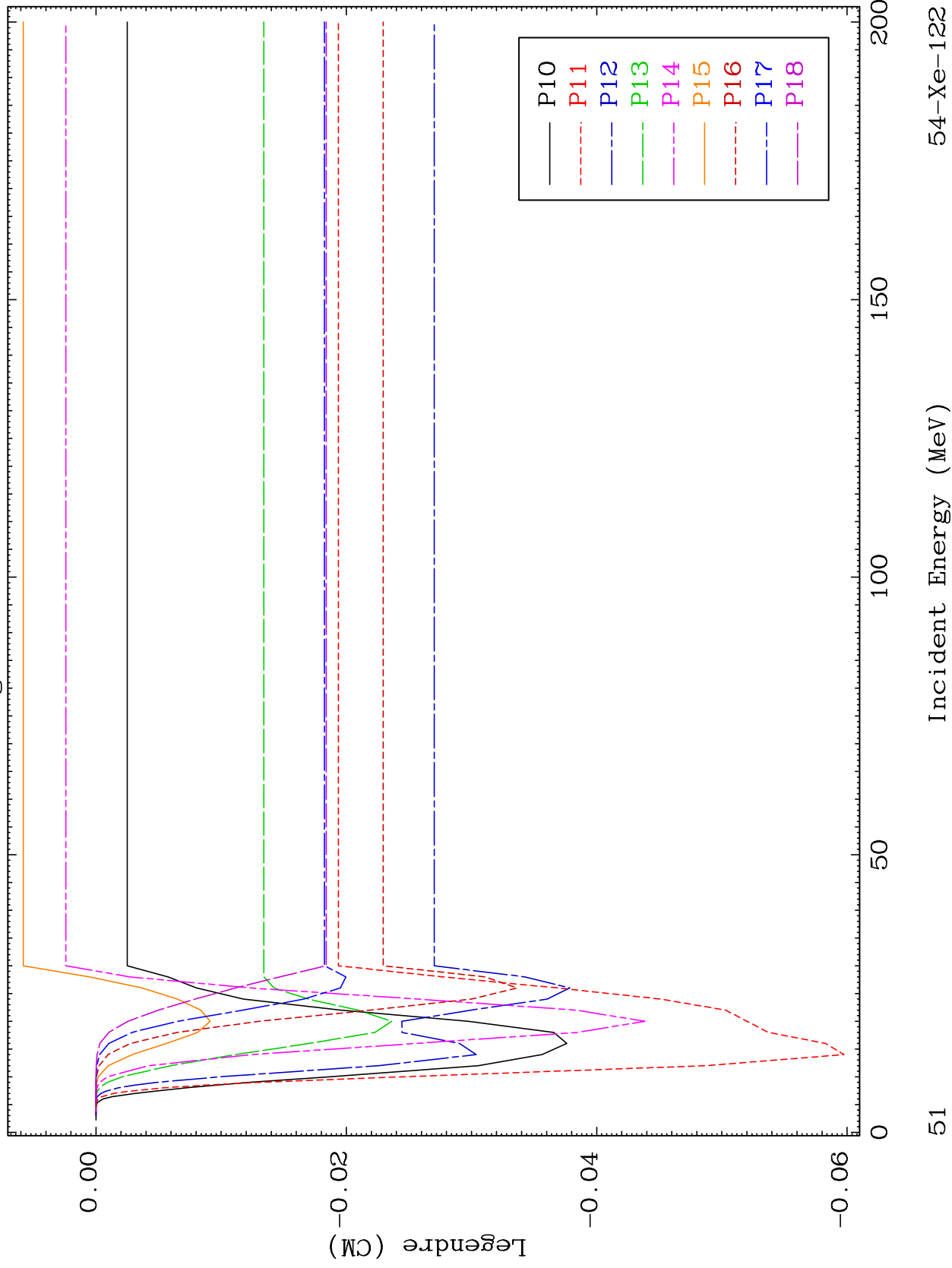
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Incident Energy (MeV)

MAT 5419

1.716 MeV (n,n') Level  
Legendre Coefficients

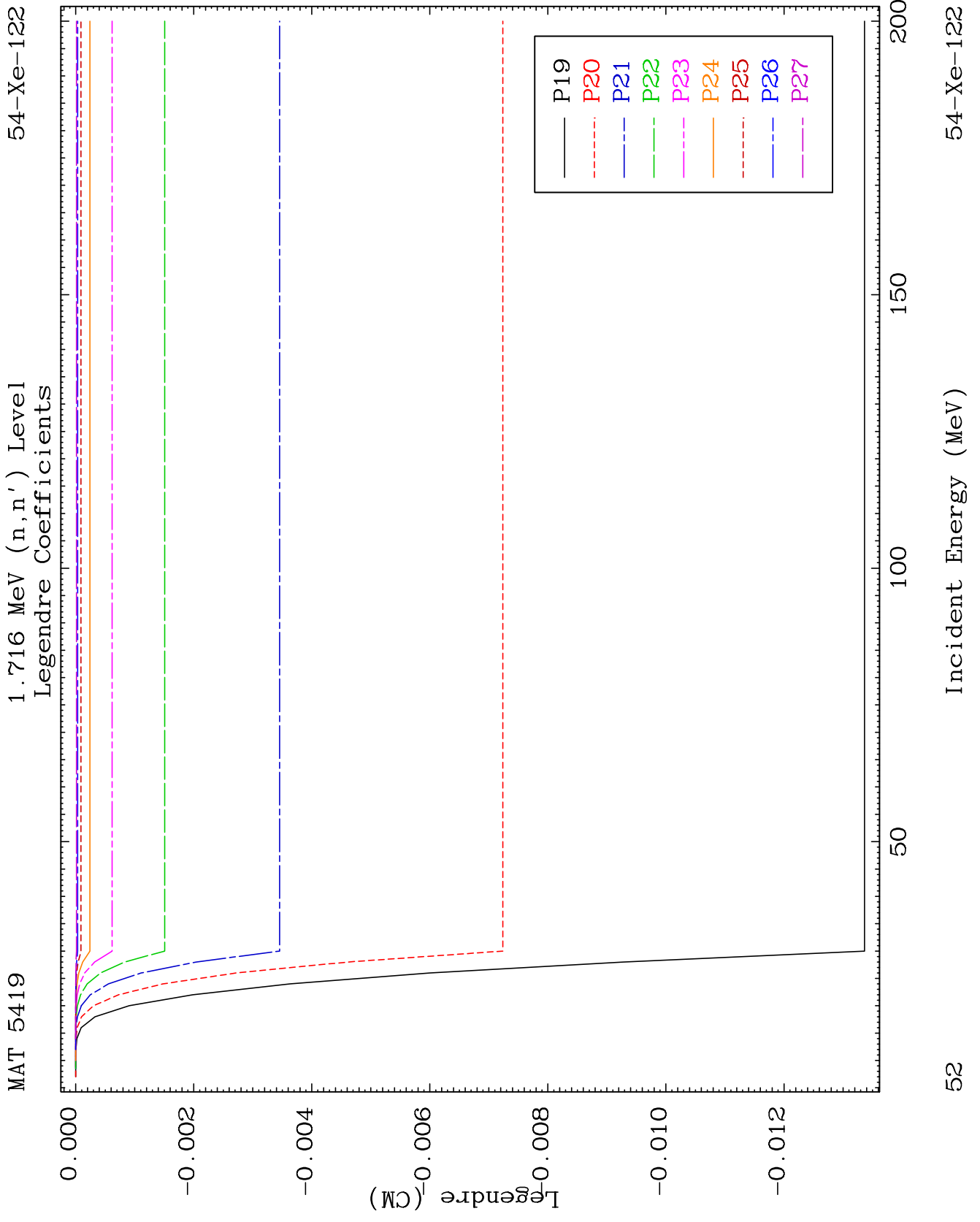
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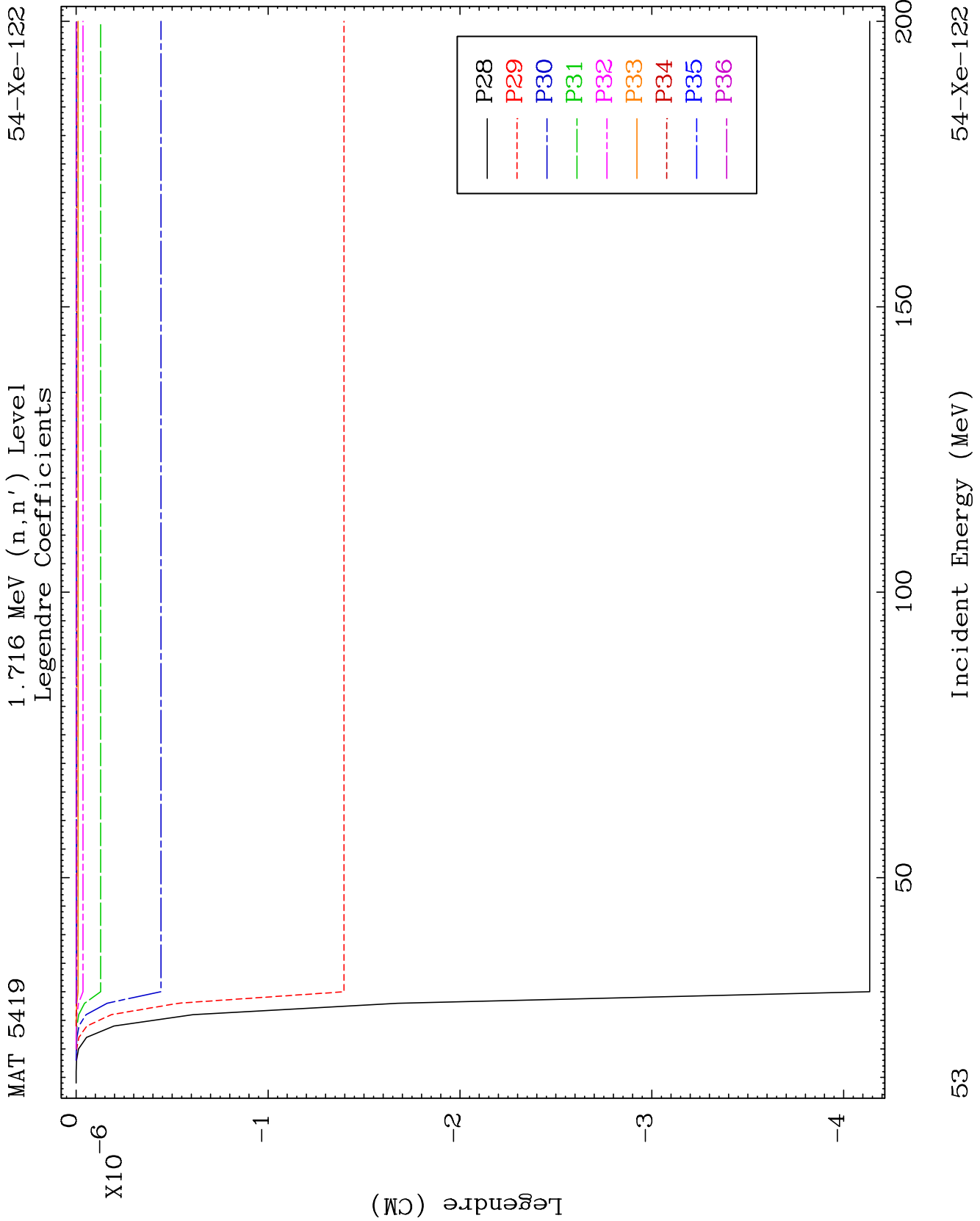


51

Incident Energy (MeV)

54-Xe-122



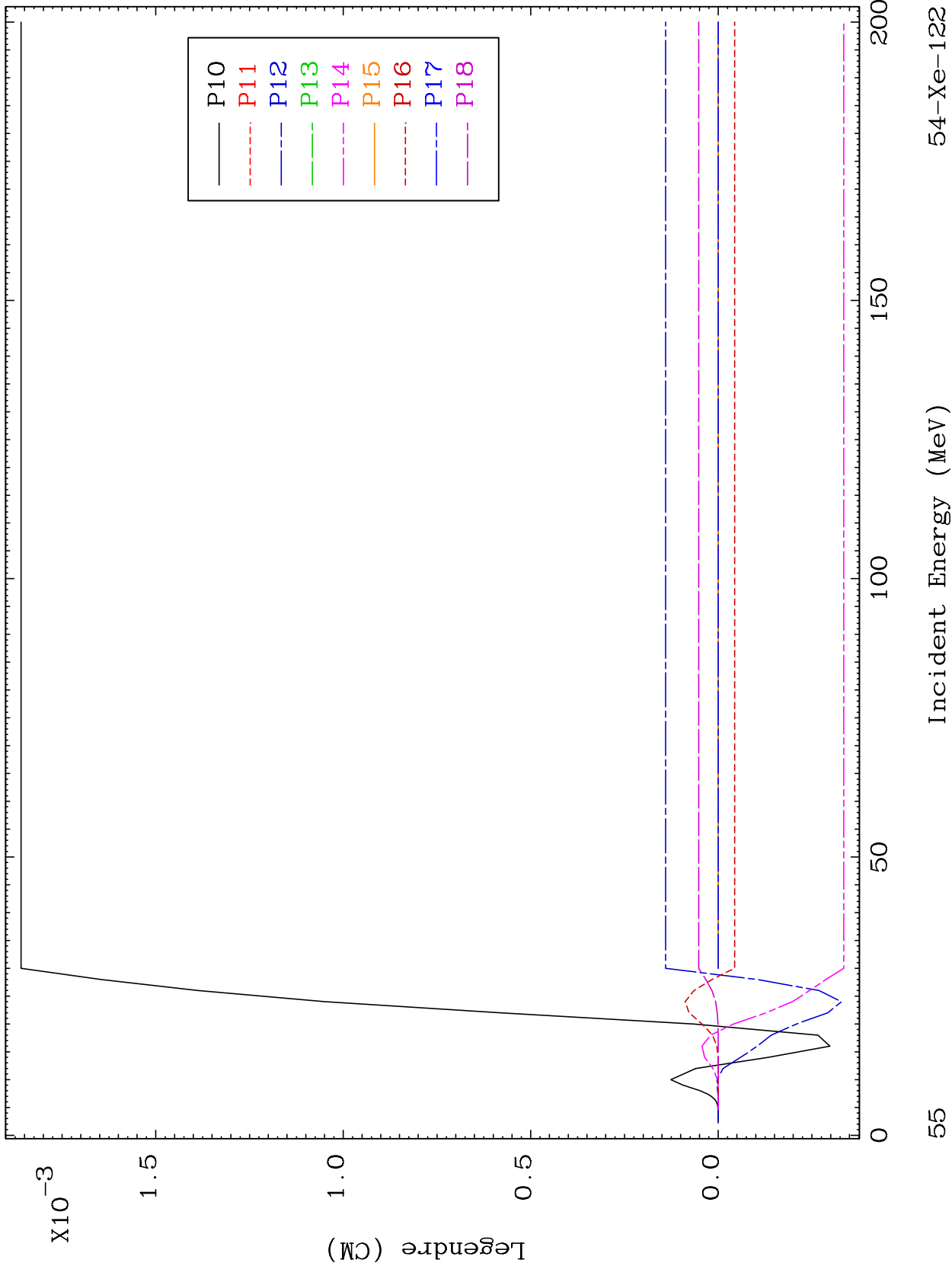




MAT 5419

1.774 MeV (n,n') Level  
Legendre Coefficients

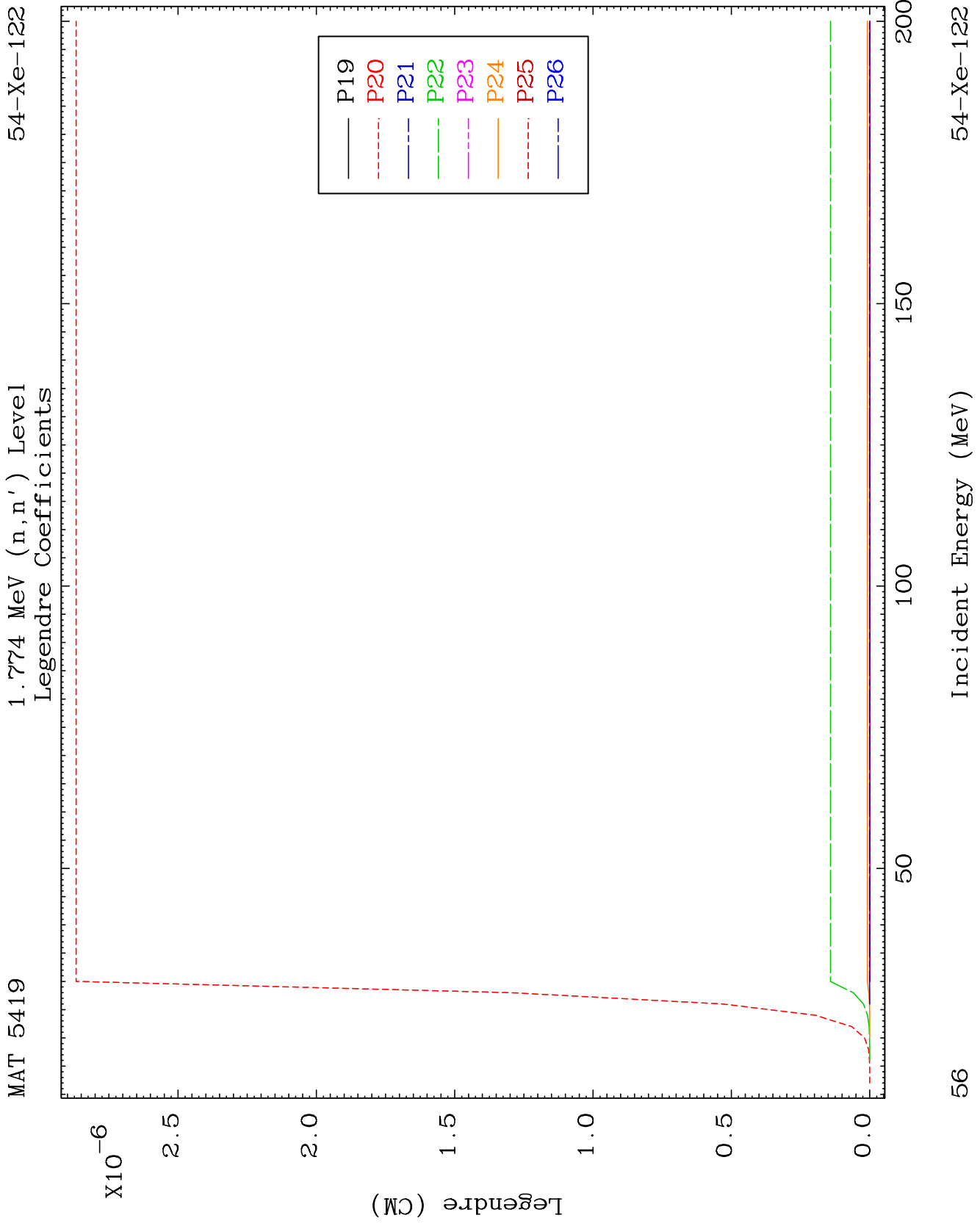
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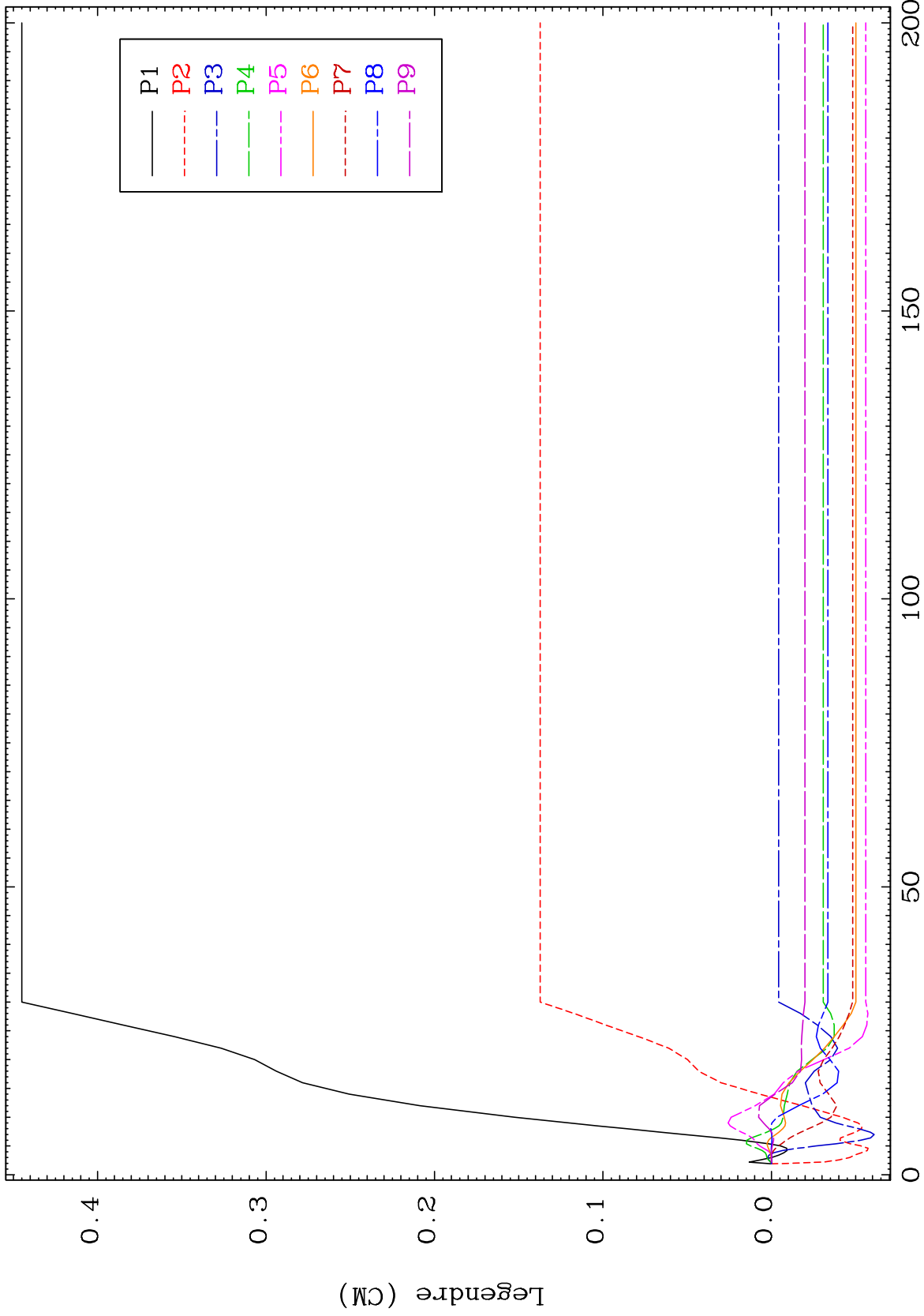


55

54-Xe-122



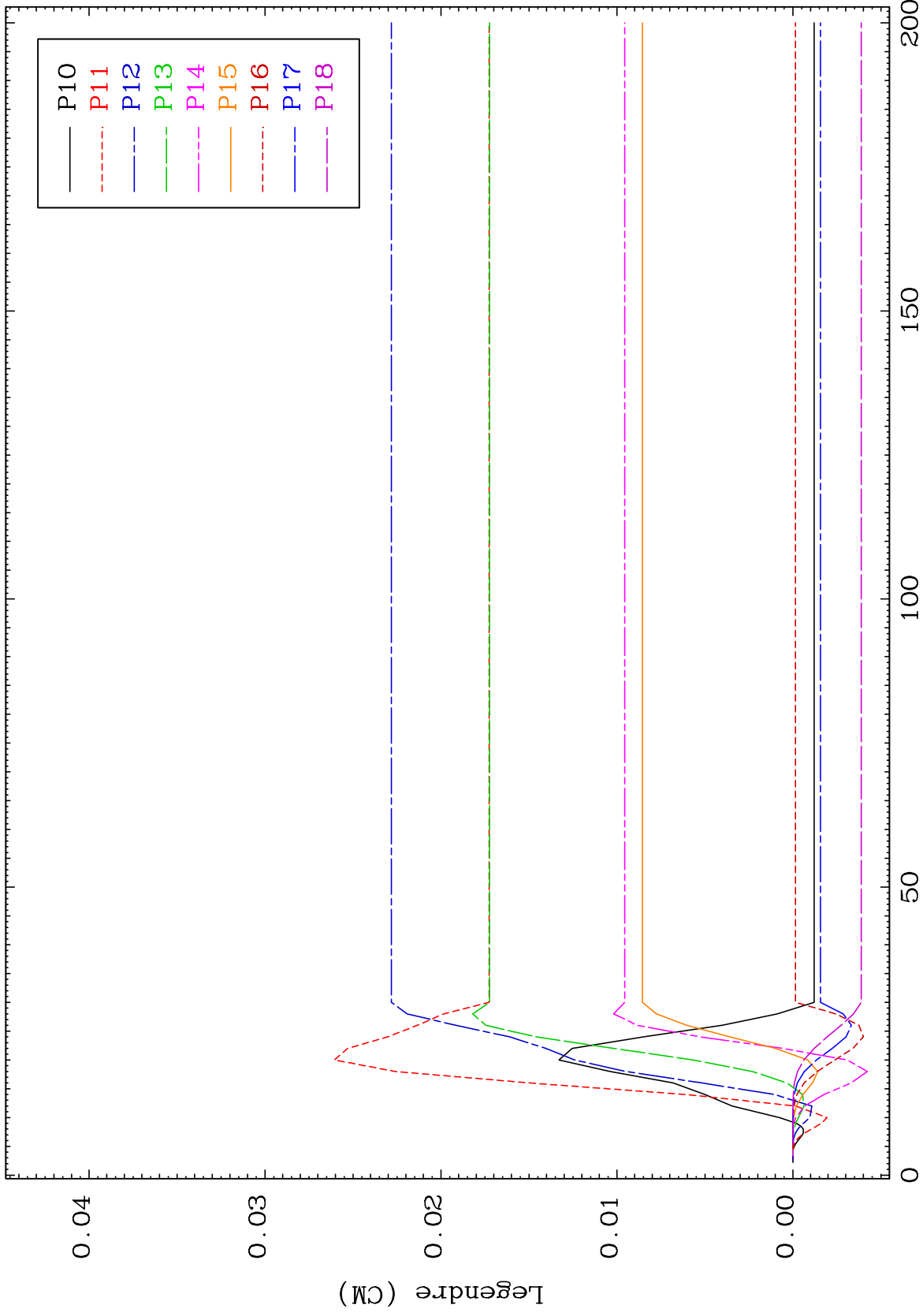




MAT 5419

1.882 MeV (n,n') Level  
Legendre Coefficients

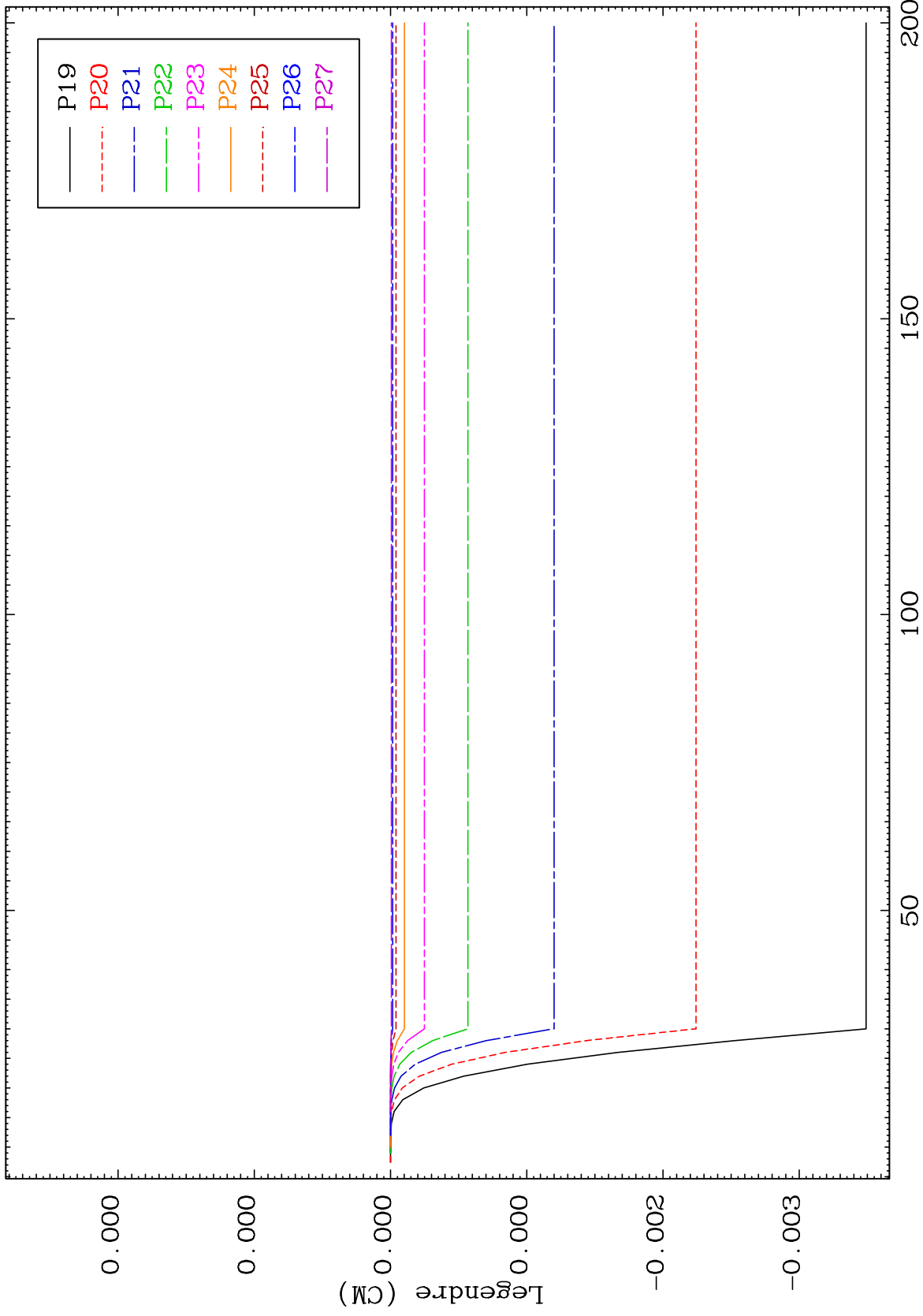
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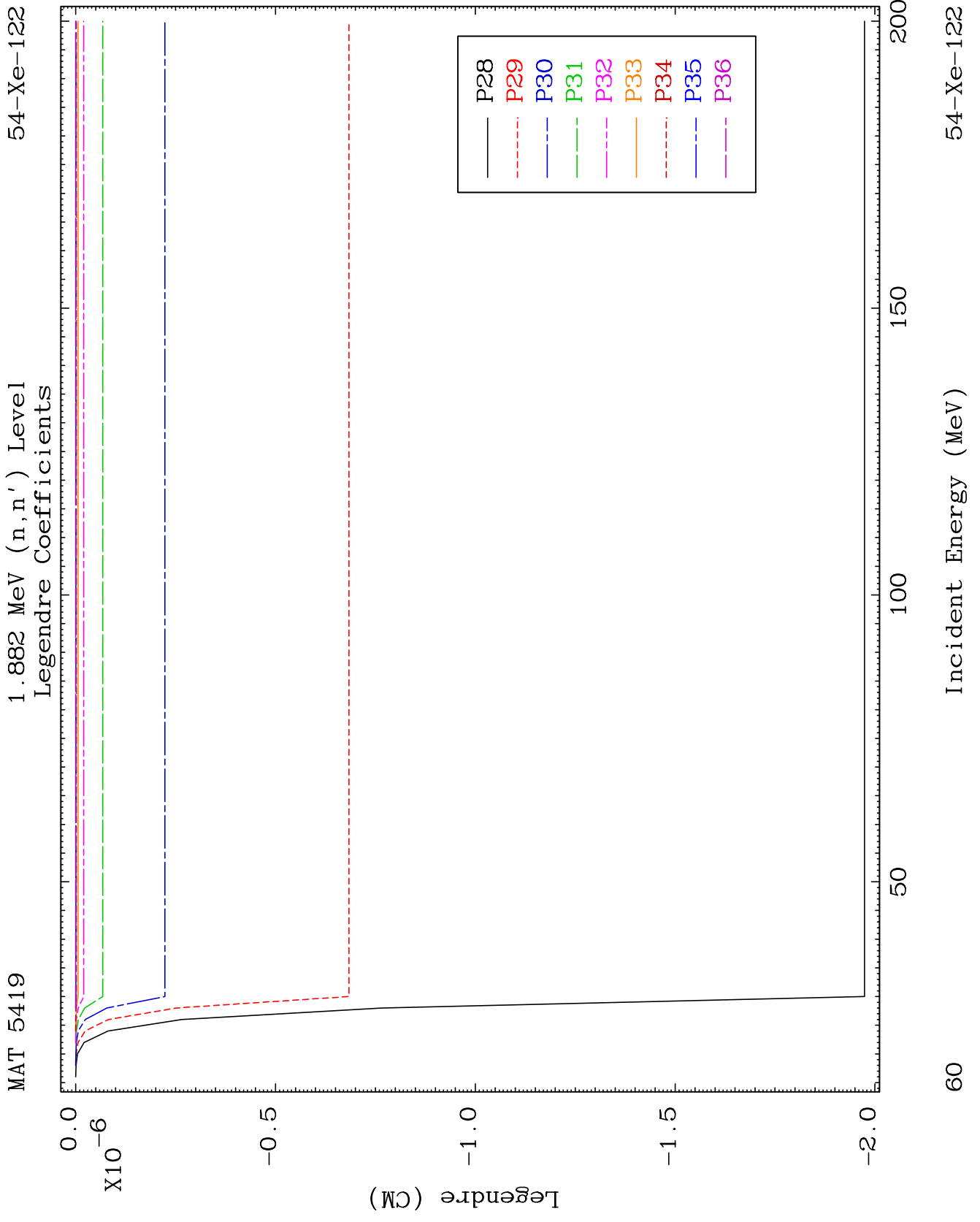


58

Incident Energy (MeV)

54-Xe-122

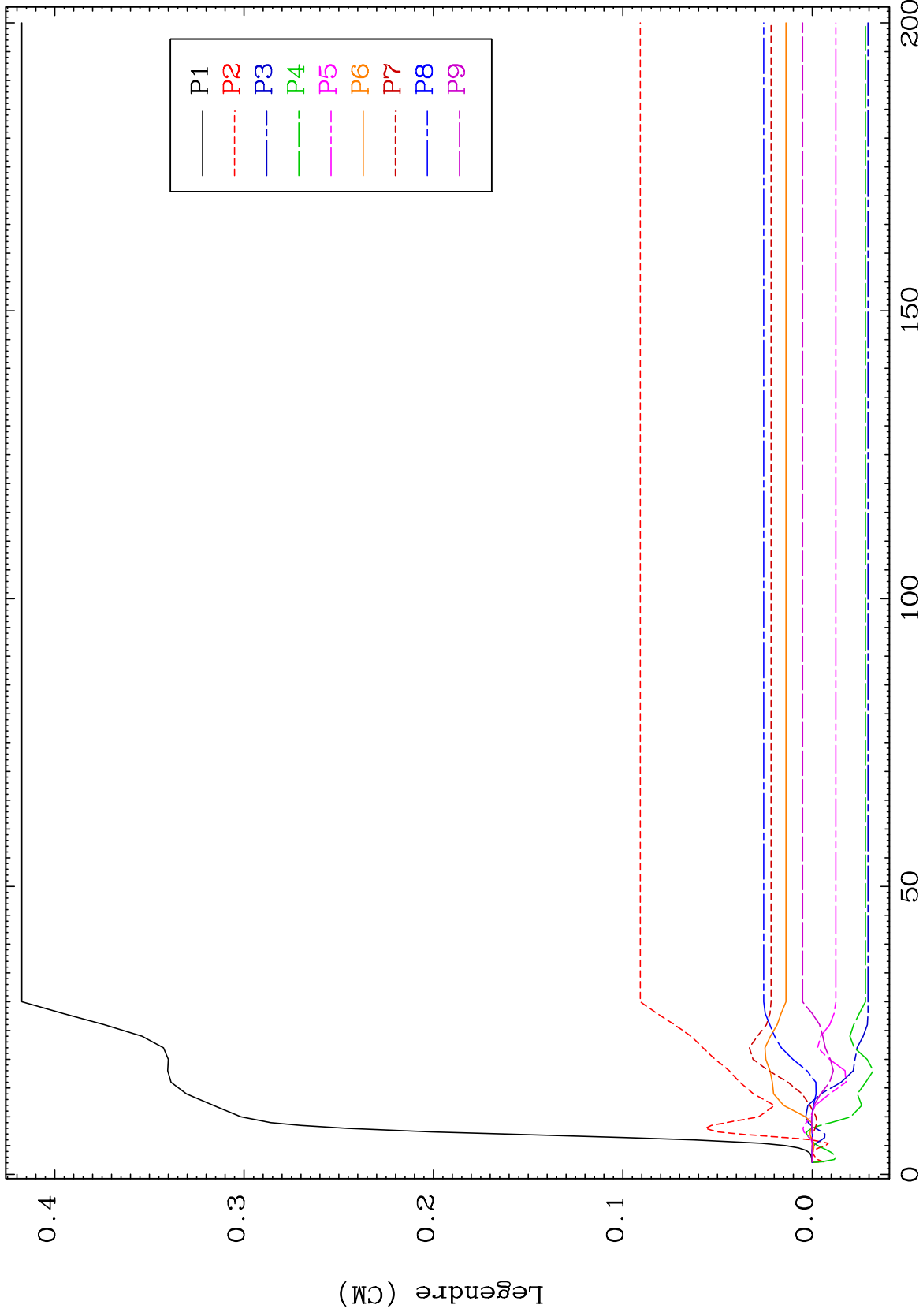




MAT 5419

2.057 MeV (n, n') Level  
Legendre Coefficients

54-Xe-122



61

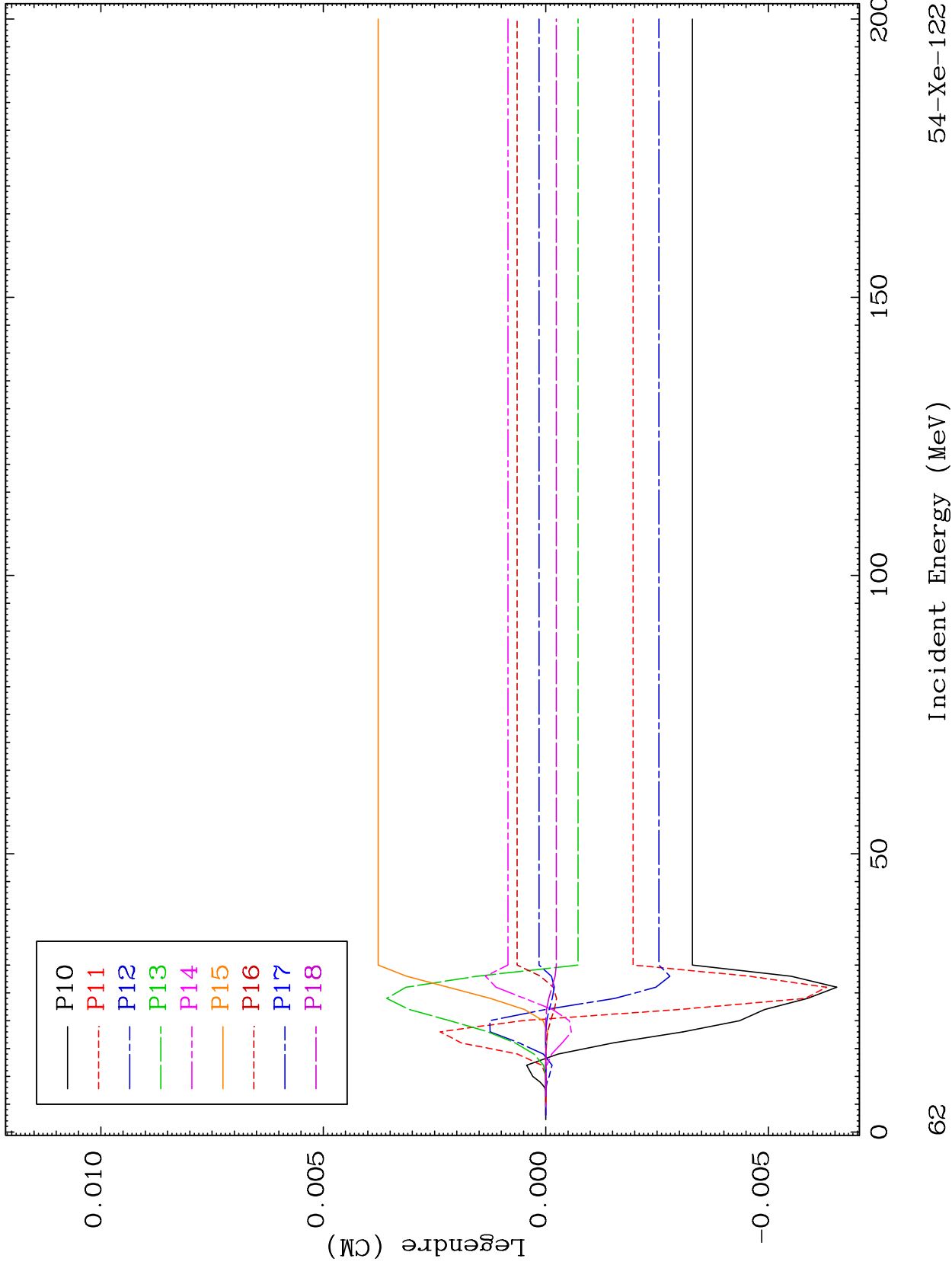
Incident Energy (MeV)

54-Xe-122

MAT 5419

2.057 MeV (n,n') Level  
Legendre Coefficients

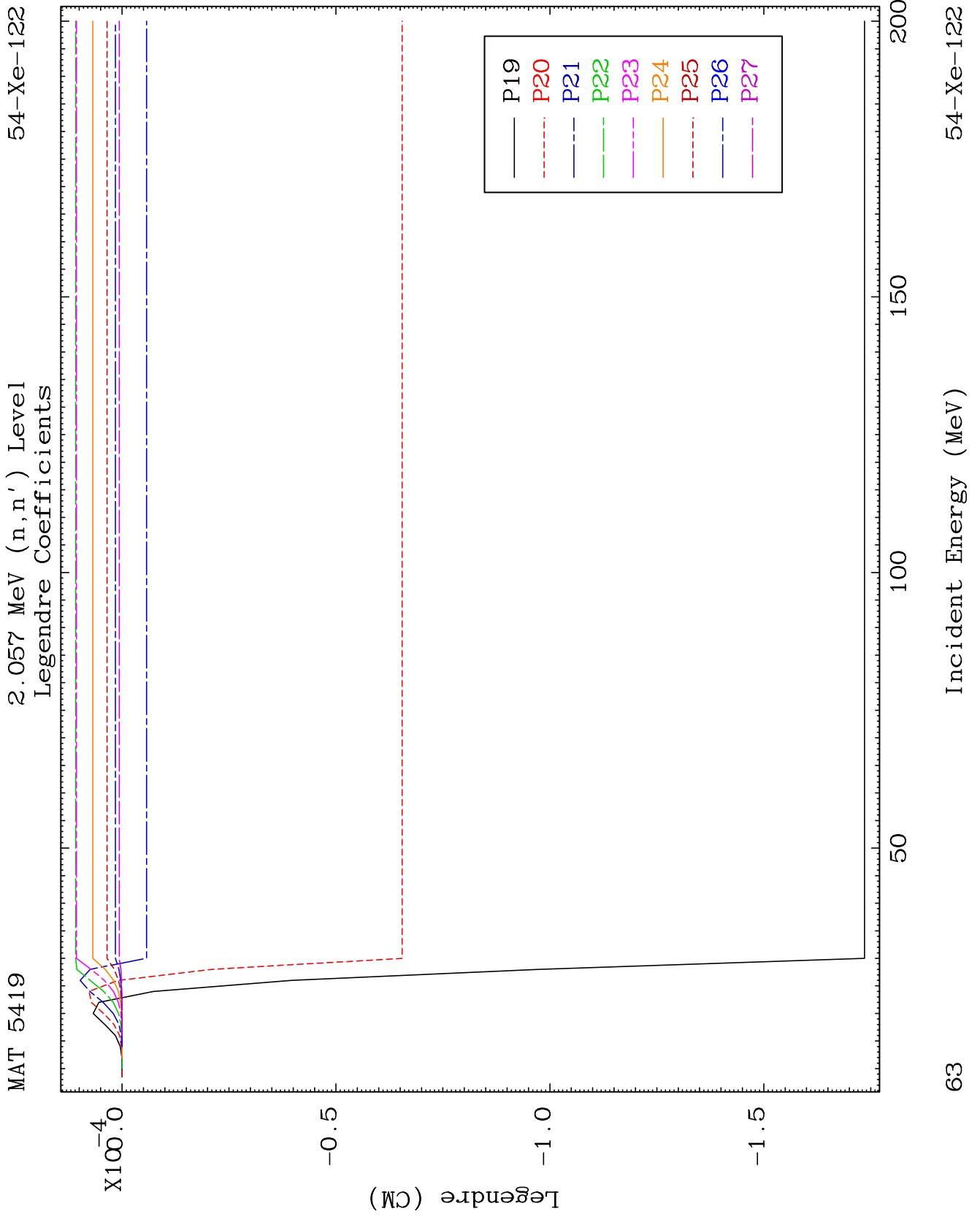
54-Xe-122



62

Incident Energy (MeV)

54-Xe-122

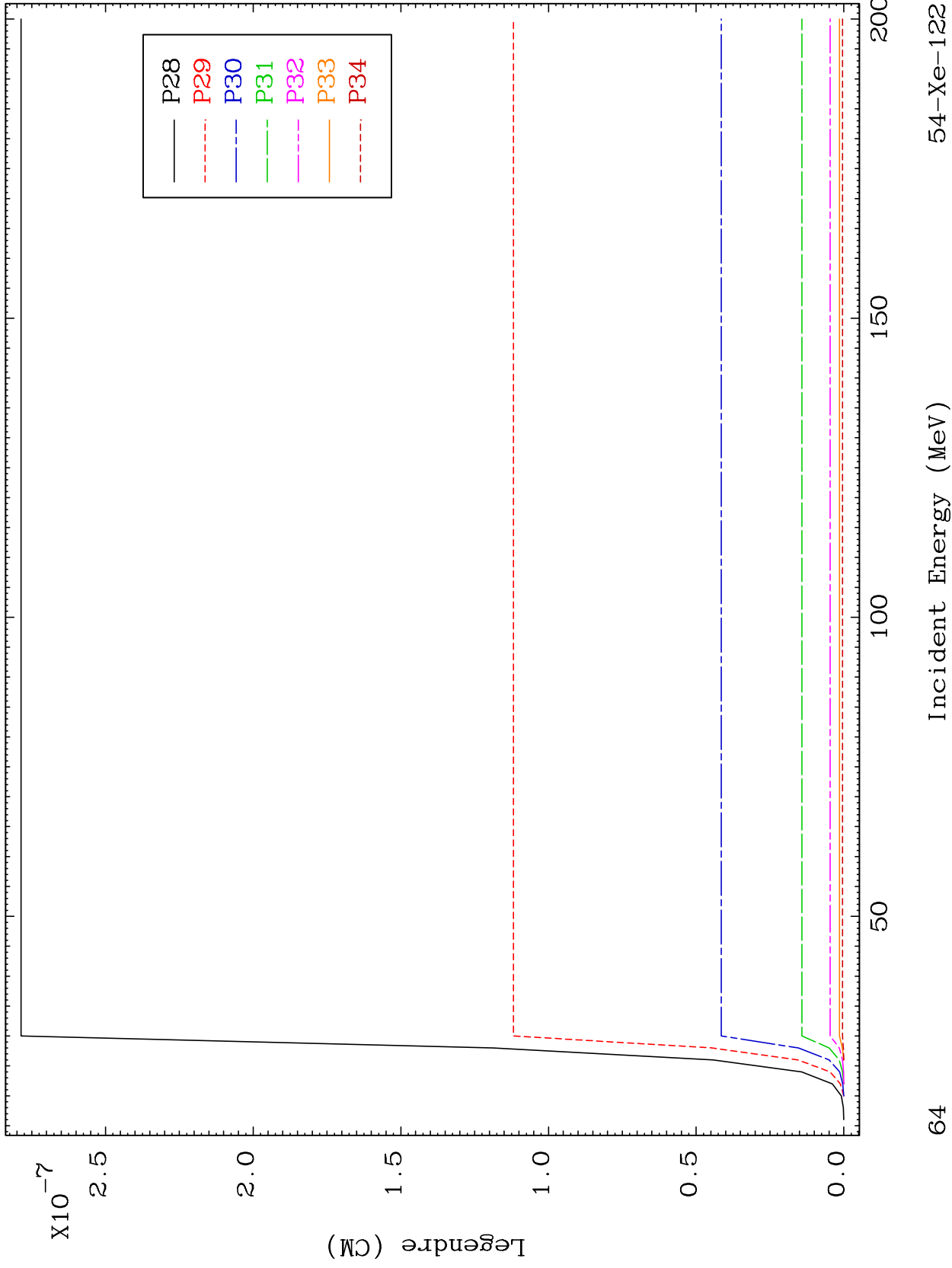




MAT 5419

2.057 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122

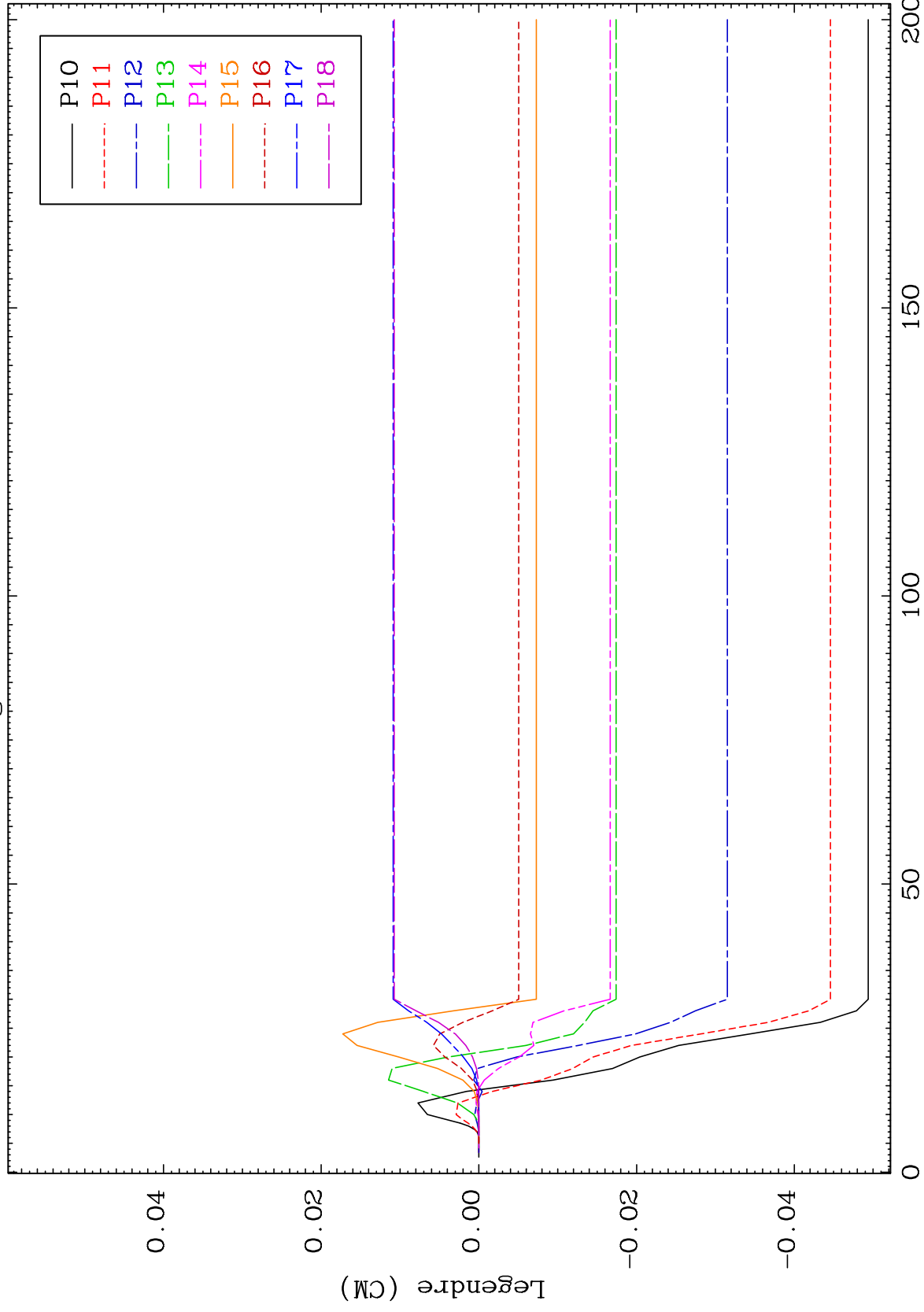




MAT 5419

2.066 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



66

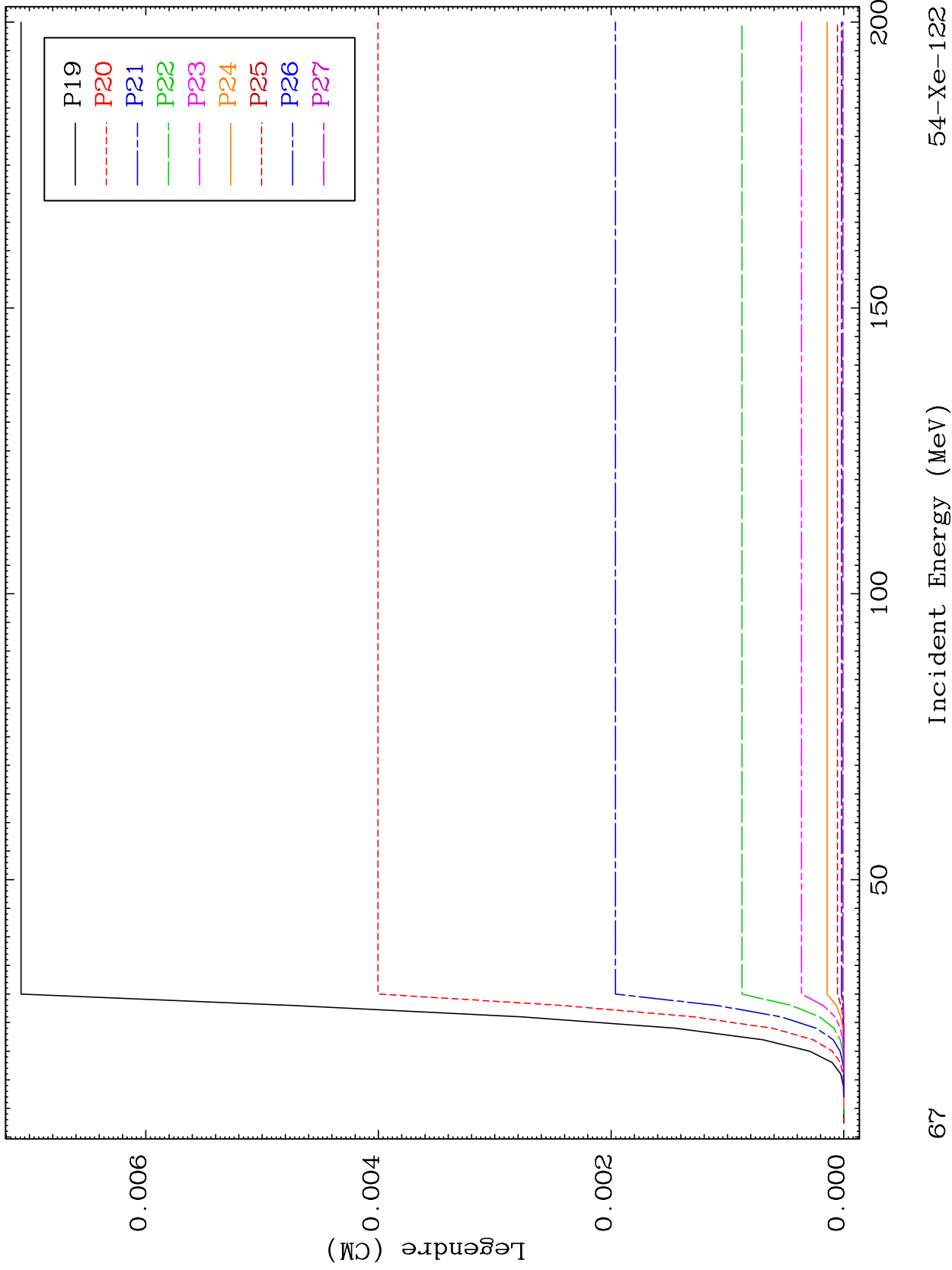
Incident Energy (MeV)

54-Xe-122

MAT 5419

2.066 MeV (n, n') Level  
Legendre Coefficients

54-Xe-122



67

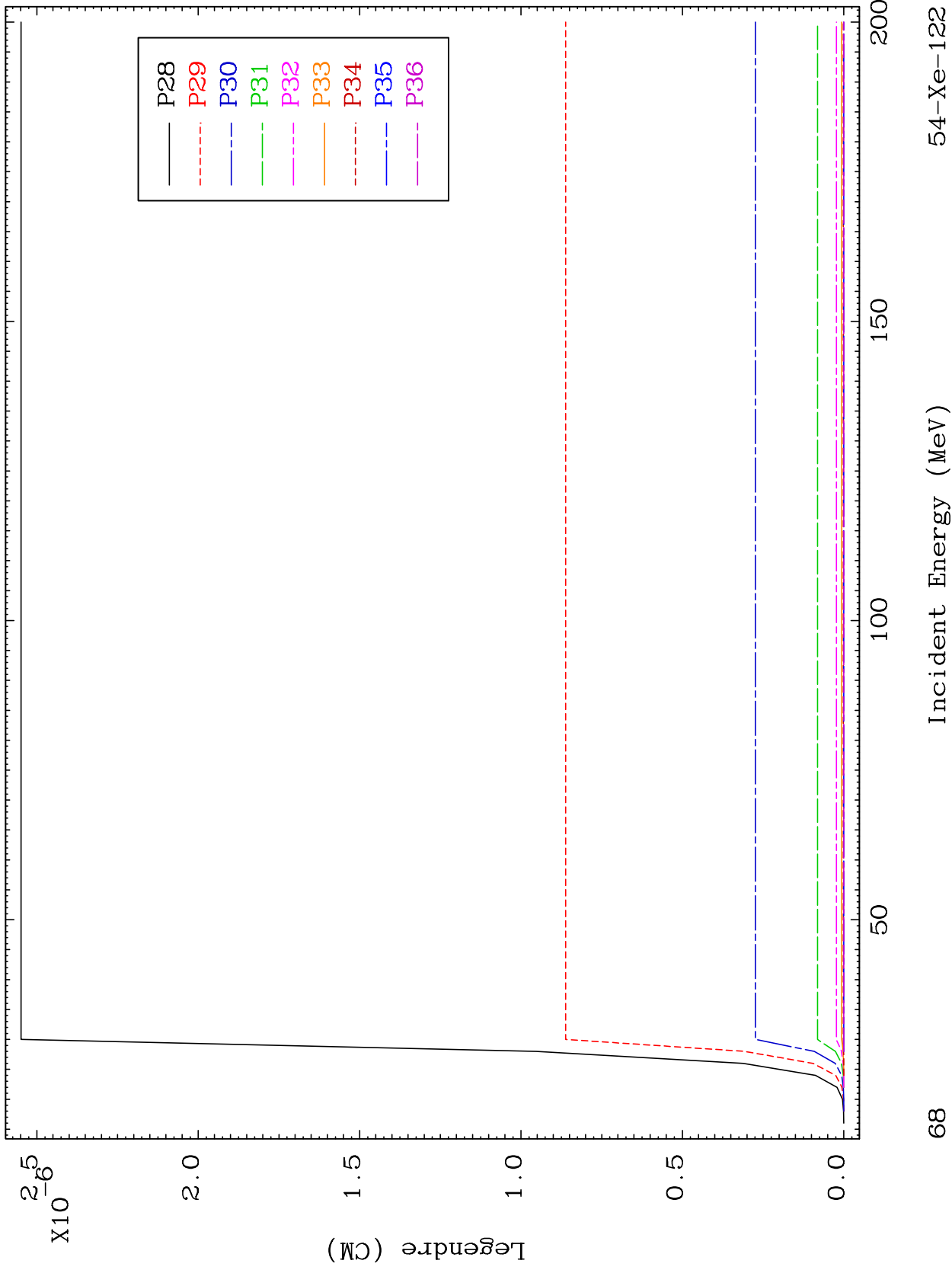
Incident Energy (MeV)

54-Xe-122

MAT 5419

2.066 MeV (n,n') Level  
Legendre Coefficients

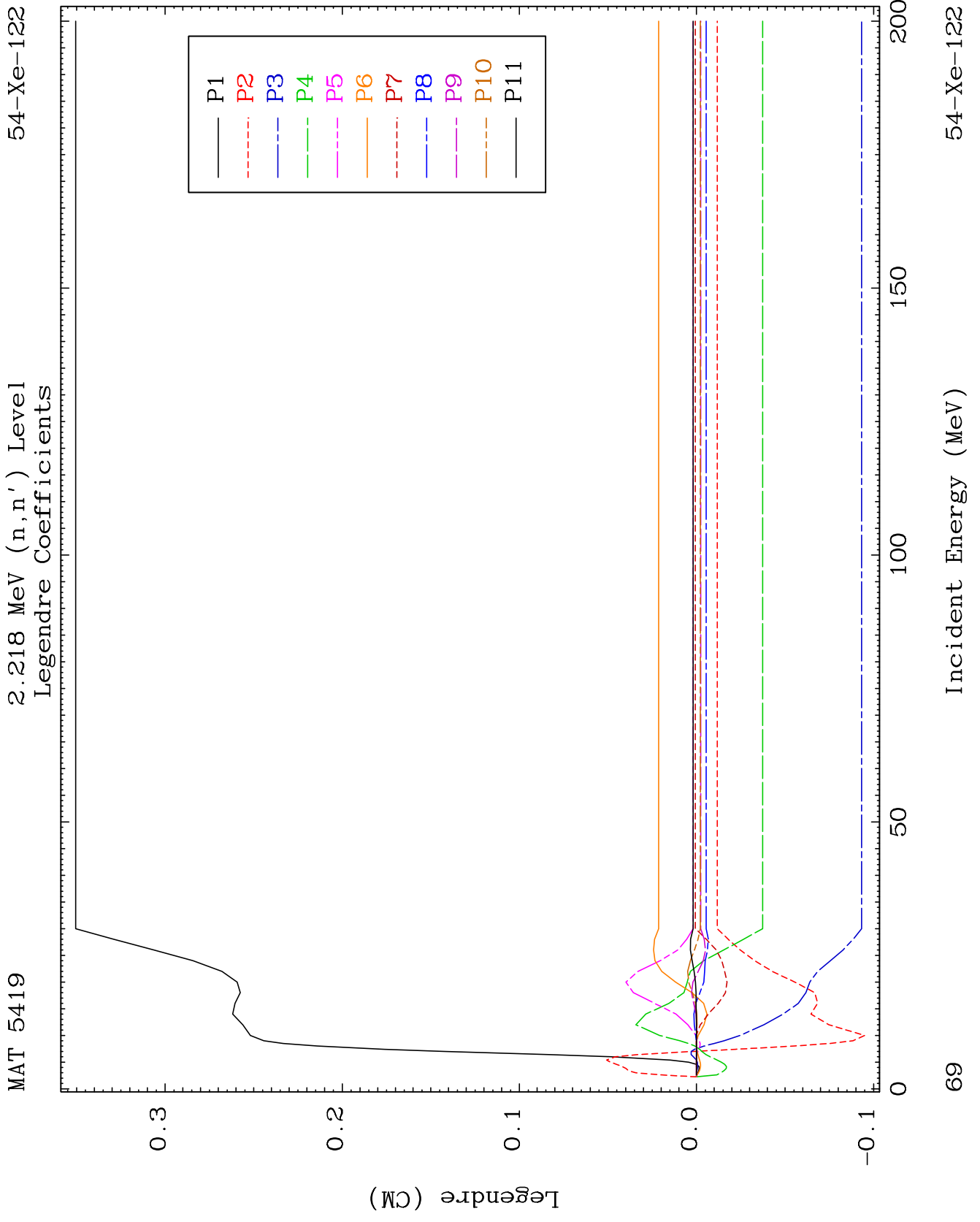
54-Xe-122



68

Incident Energy (MeV)

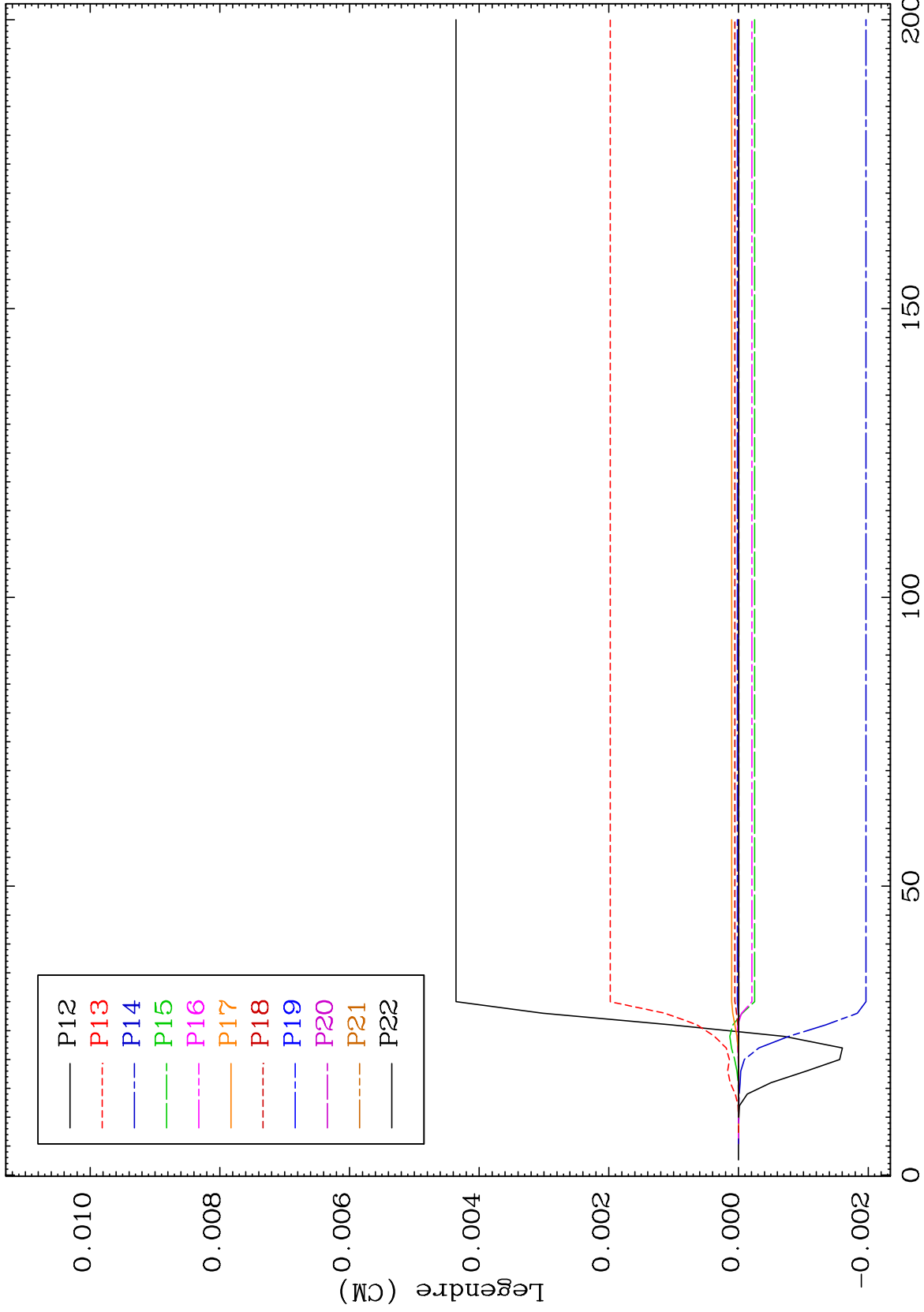
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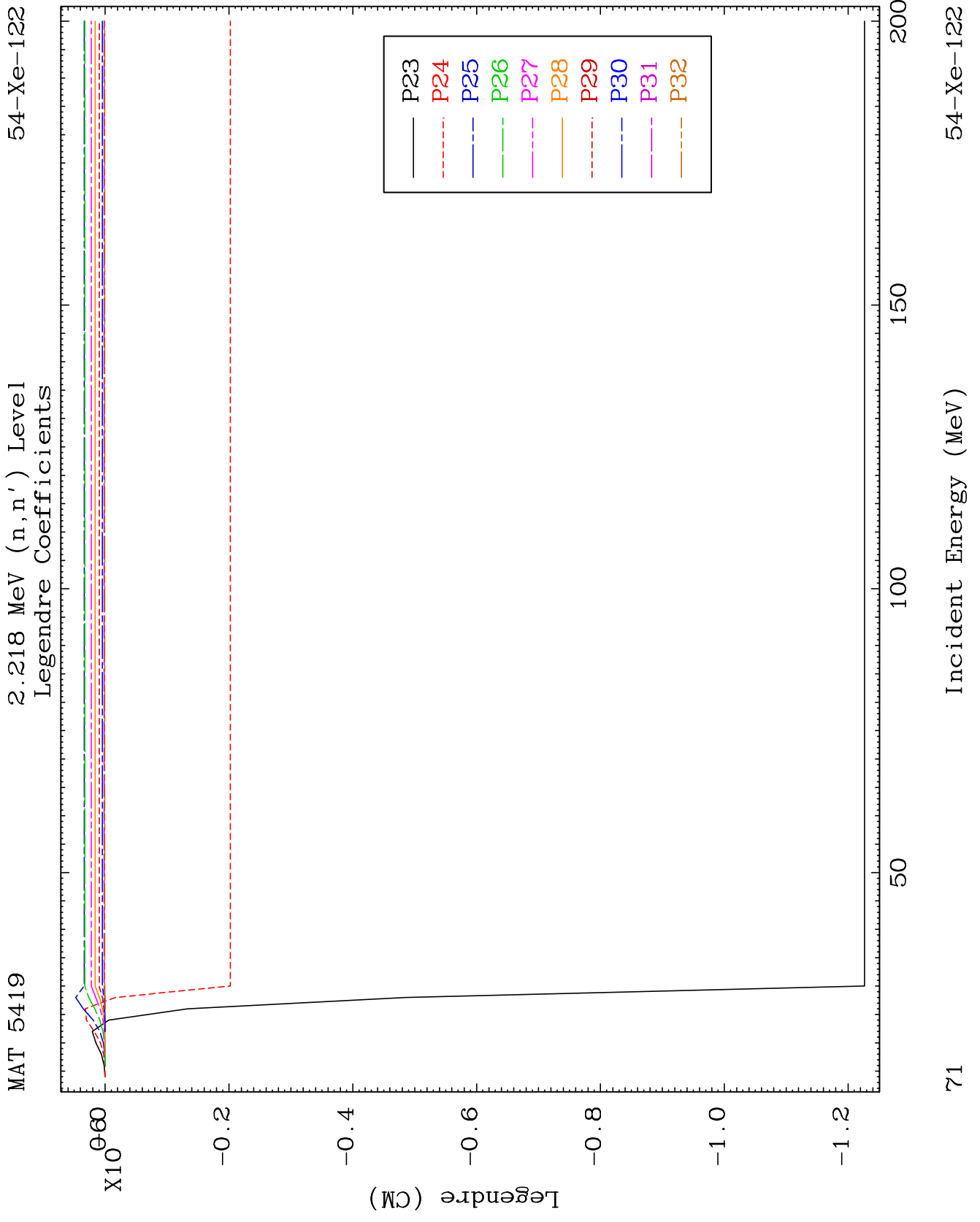


MAT 5419

2.218 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



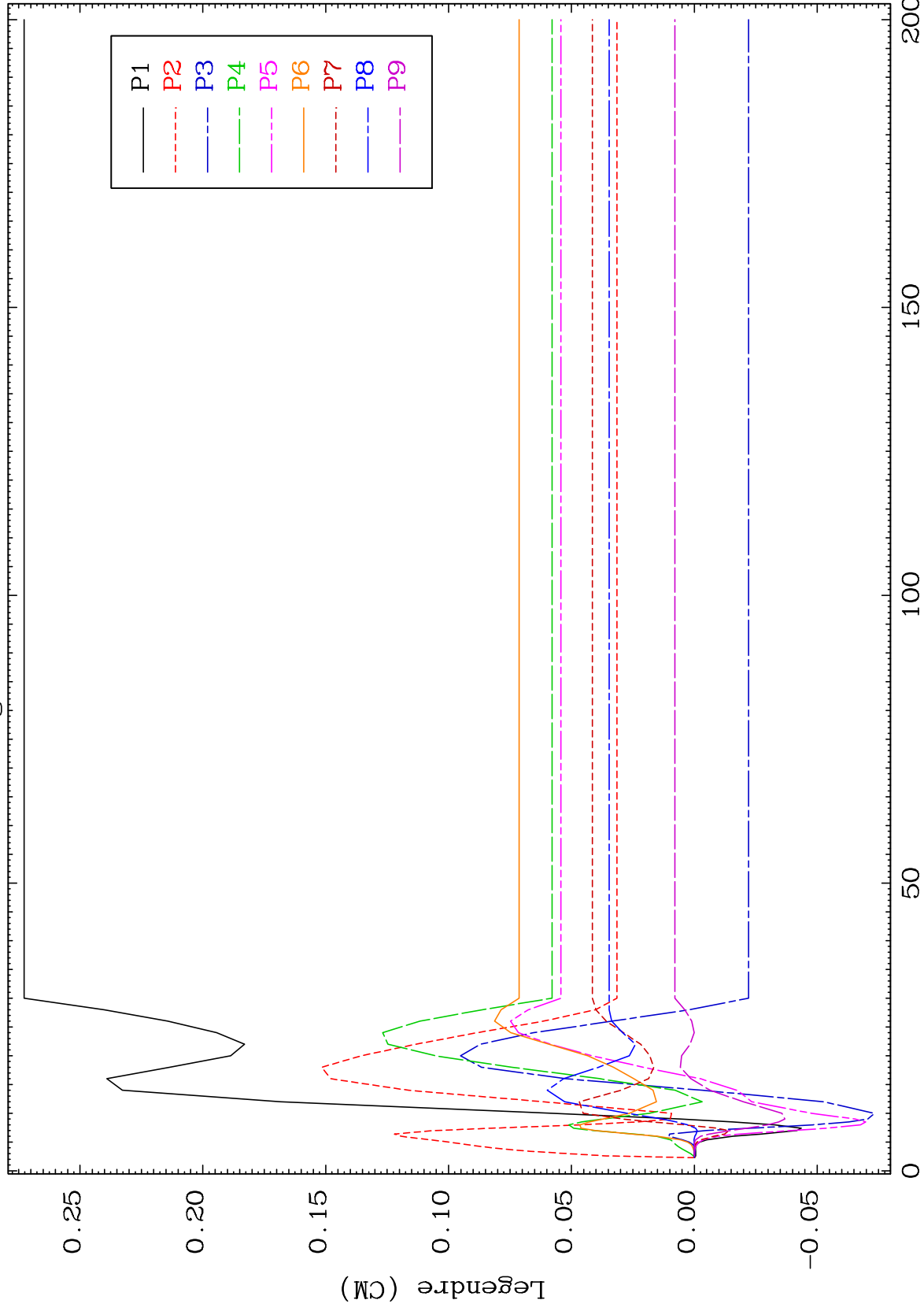




MAT 5419

2.264 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



72

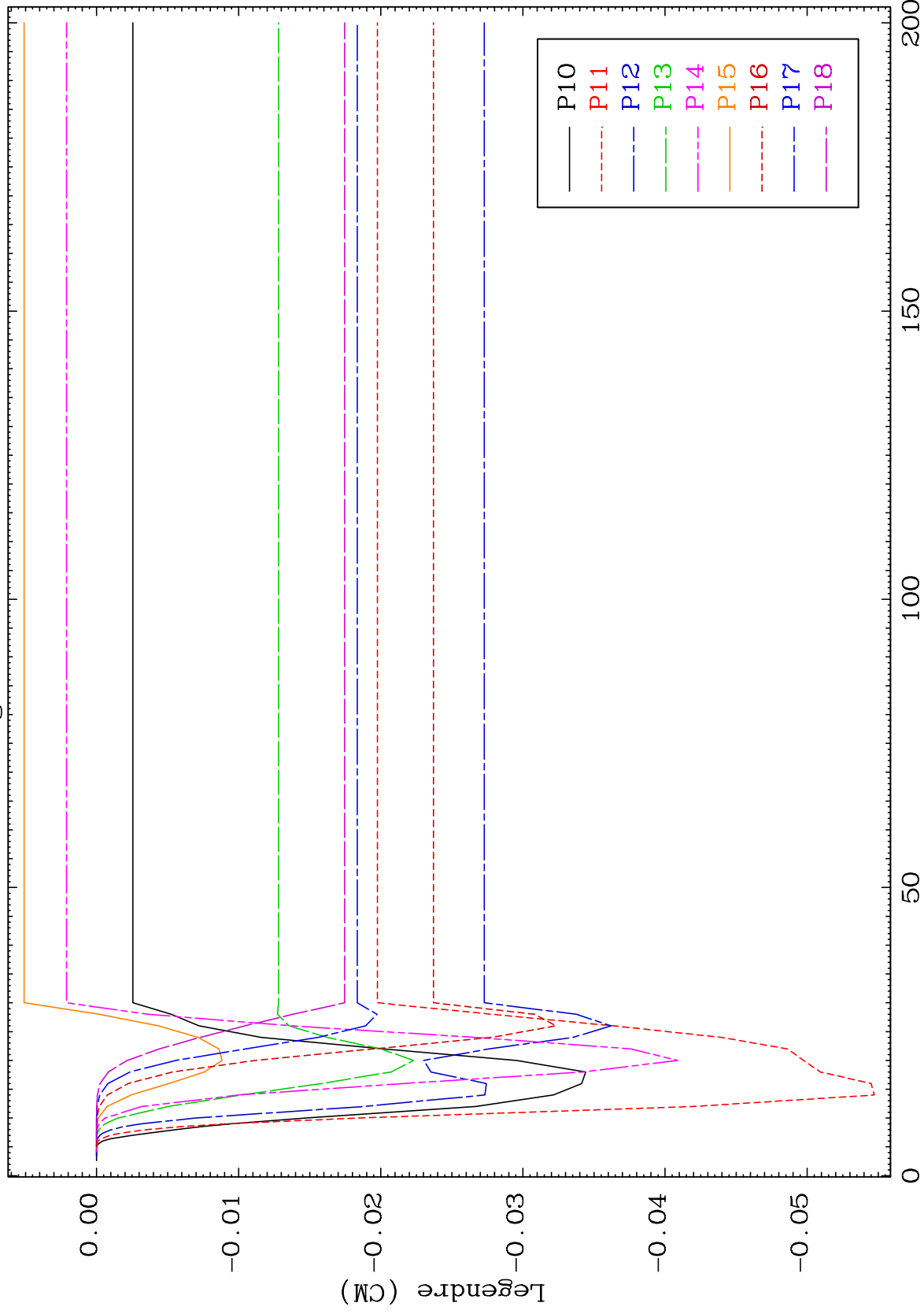
Incident Energy (MeV)

54-Xe-122

MAT 5419

2.264 MeV (n, n') Level  
Legendre Coefficients

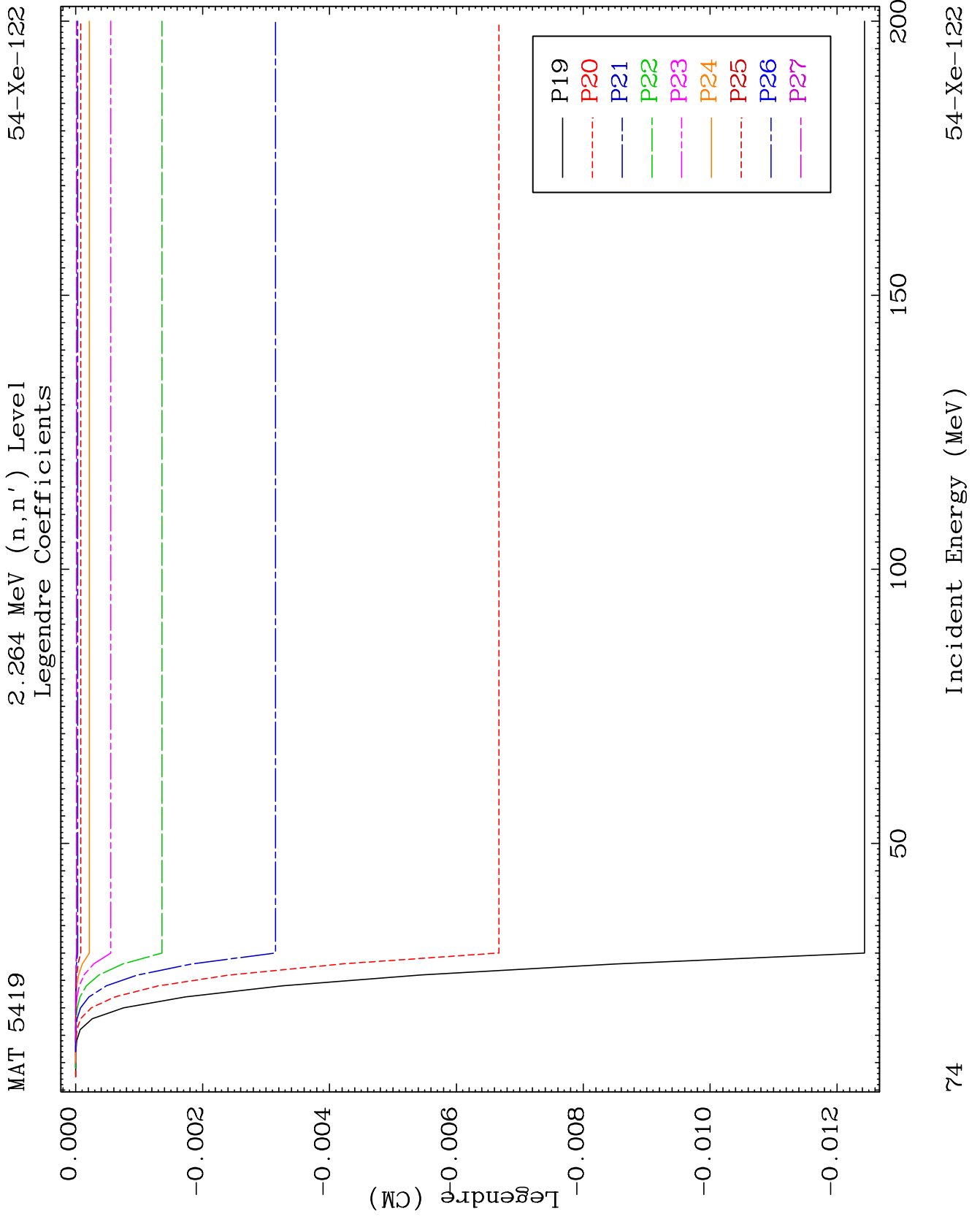
54-Xe-122

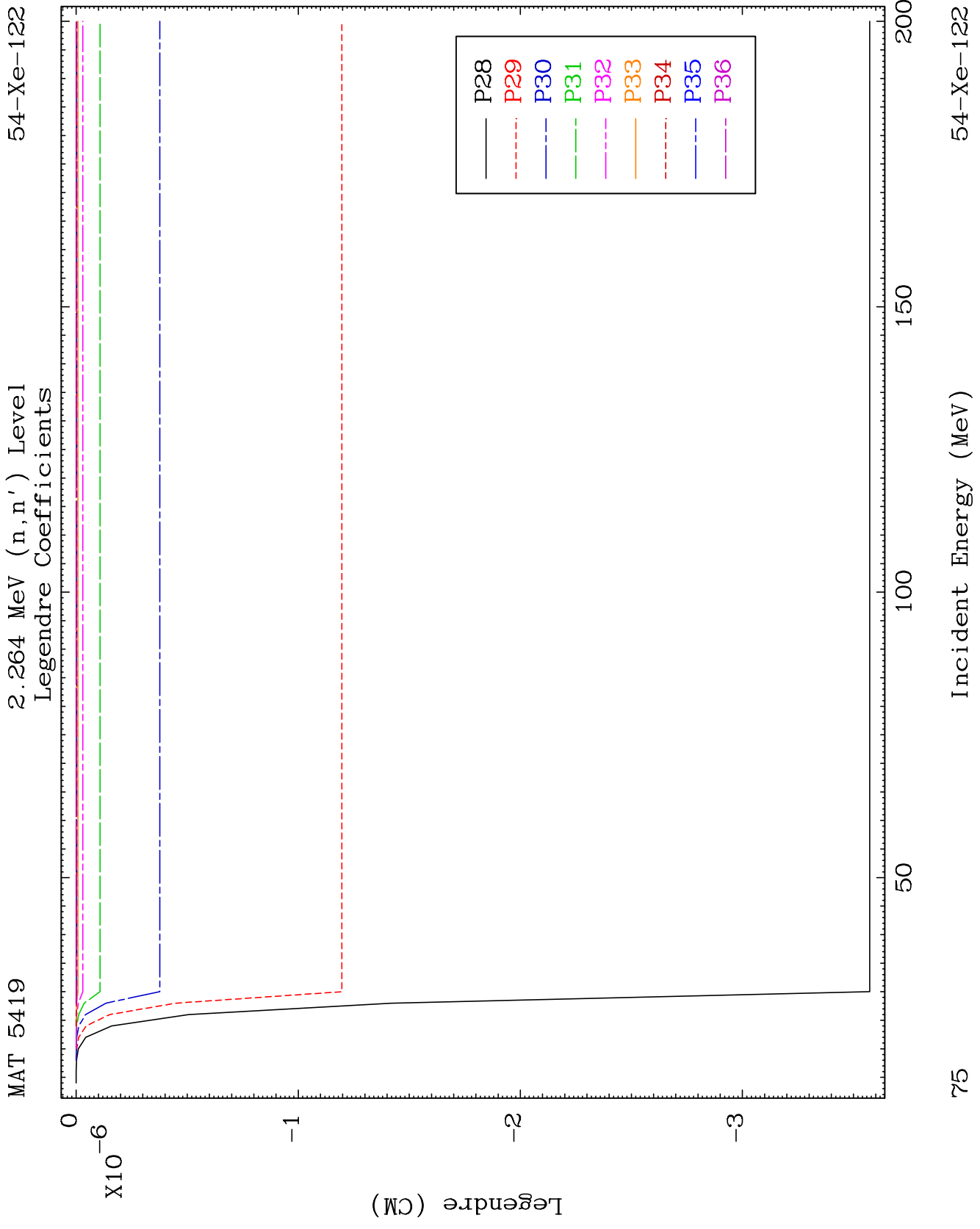


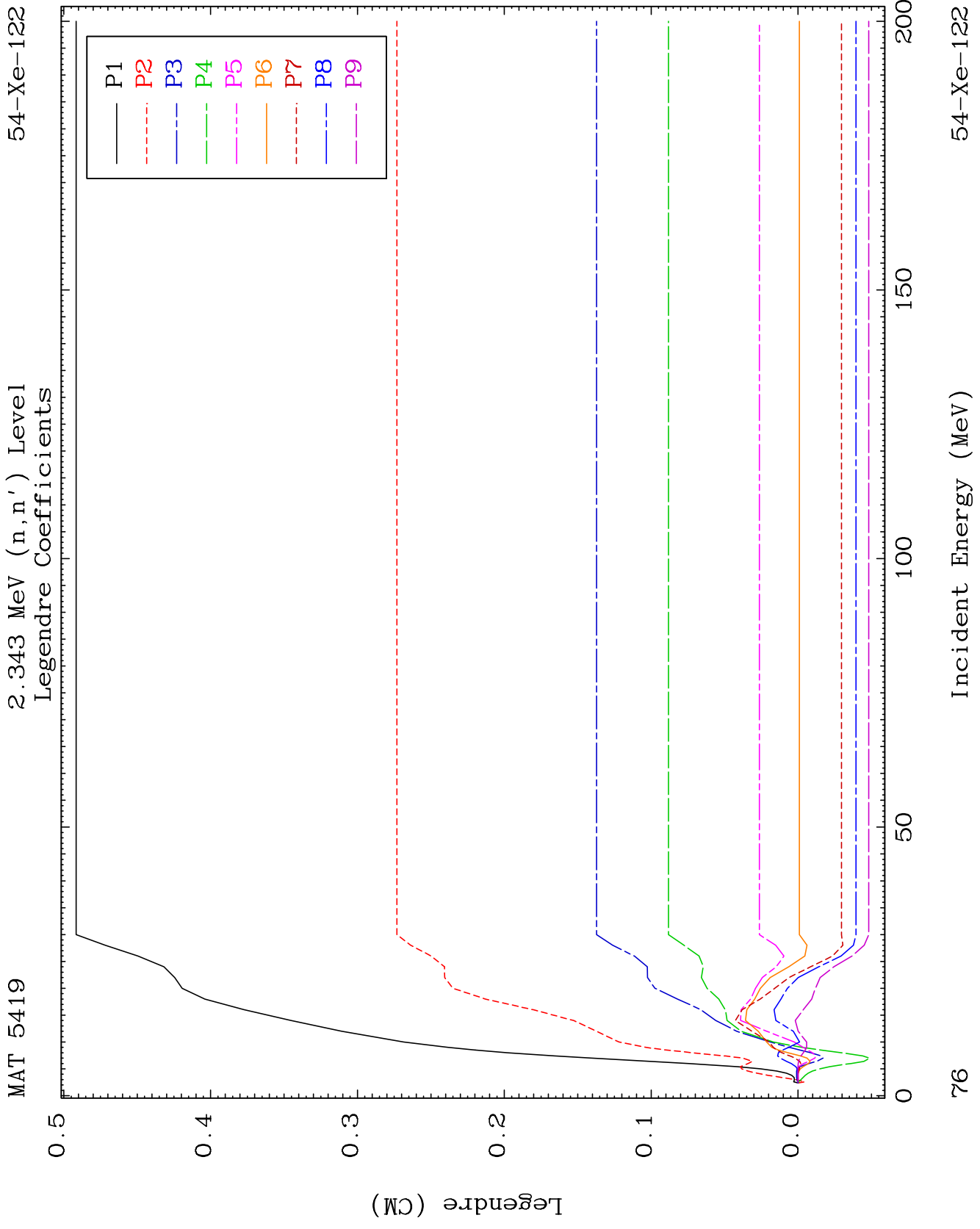
73

Incident Energy (MeV)

54-Xe-122



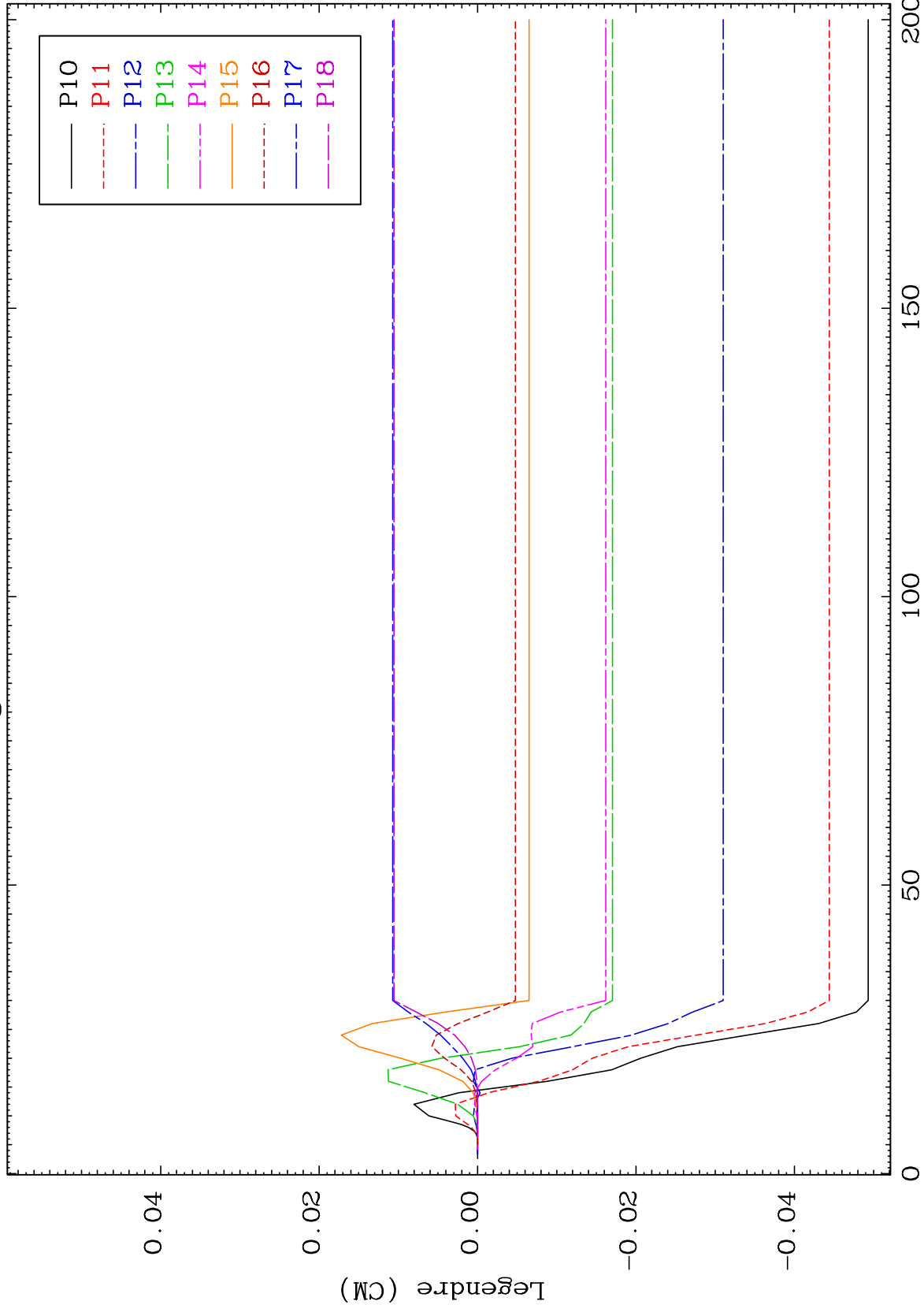




MAT 5419

2.343 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



77

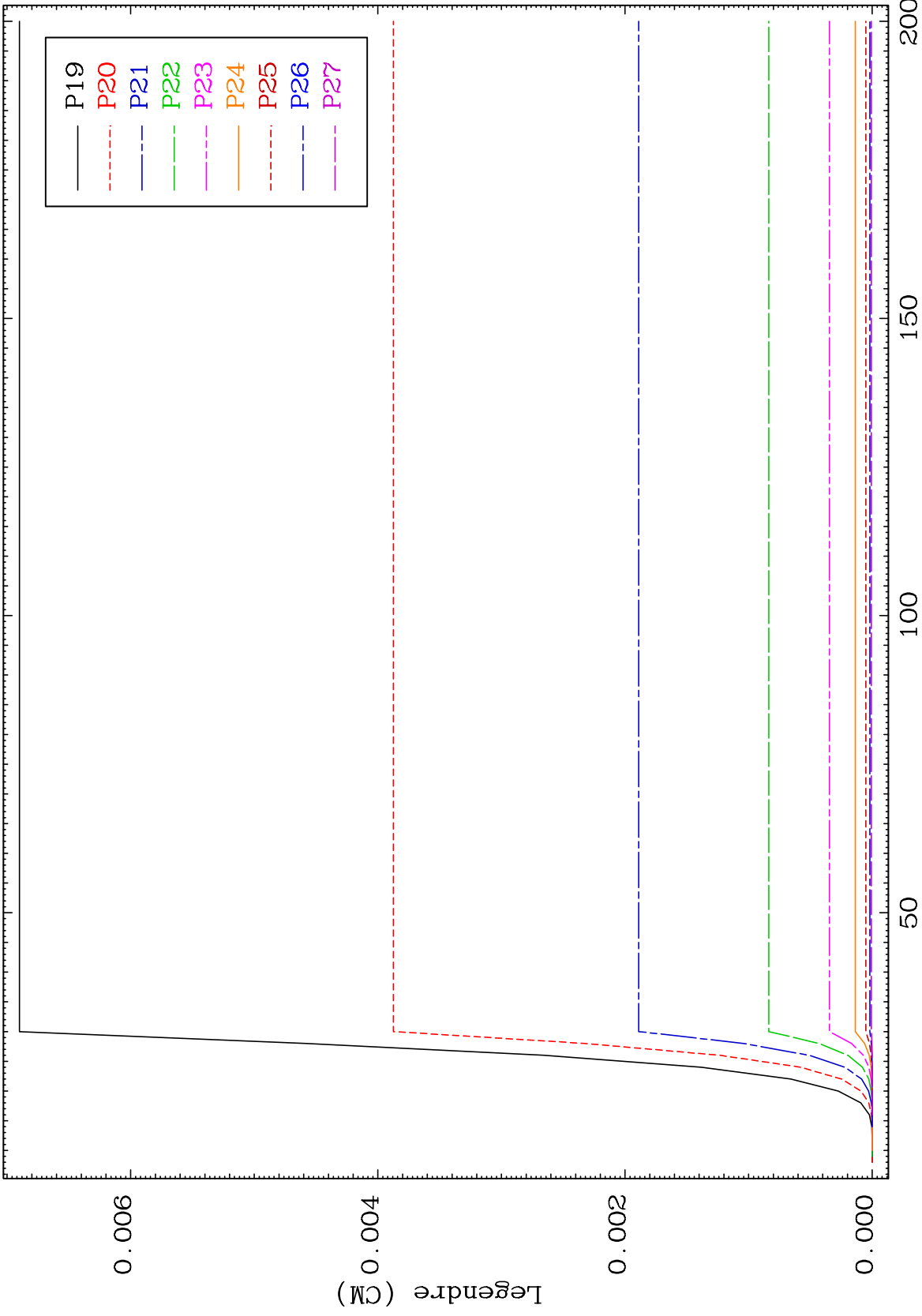
Incident Energy (MeV)

54-Xe-122

MAT 5419

2.343 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



78

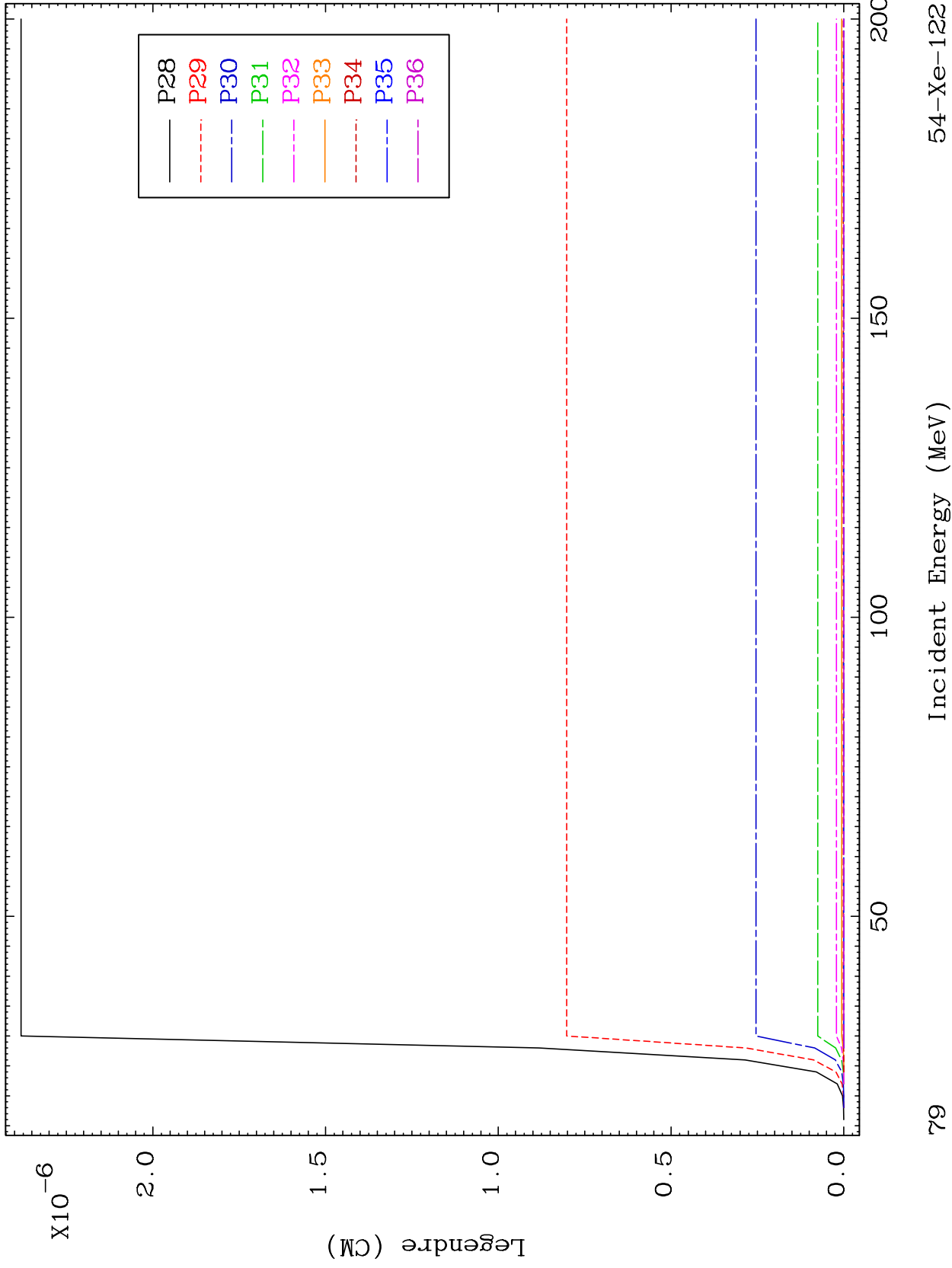
Incident Energy (MeV)

54-Xe-122

MAT 5419

2.343 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



79

Incident Energy (MeV)

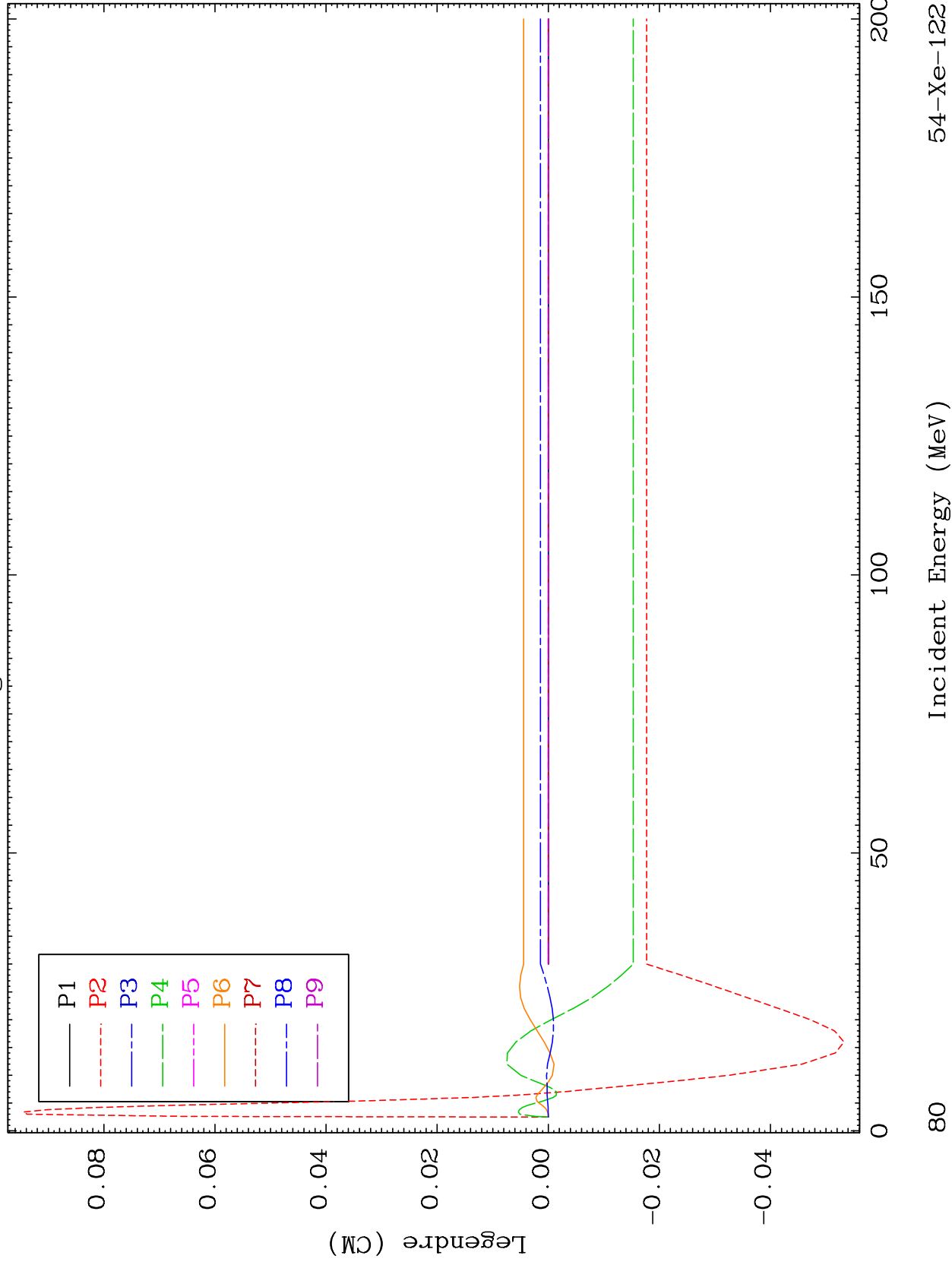
54-Xe-122



MAT 5419

2.459 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



54-Xe-122

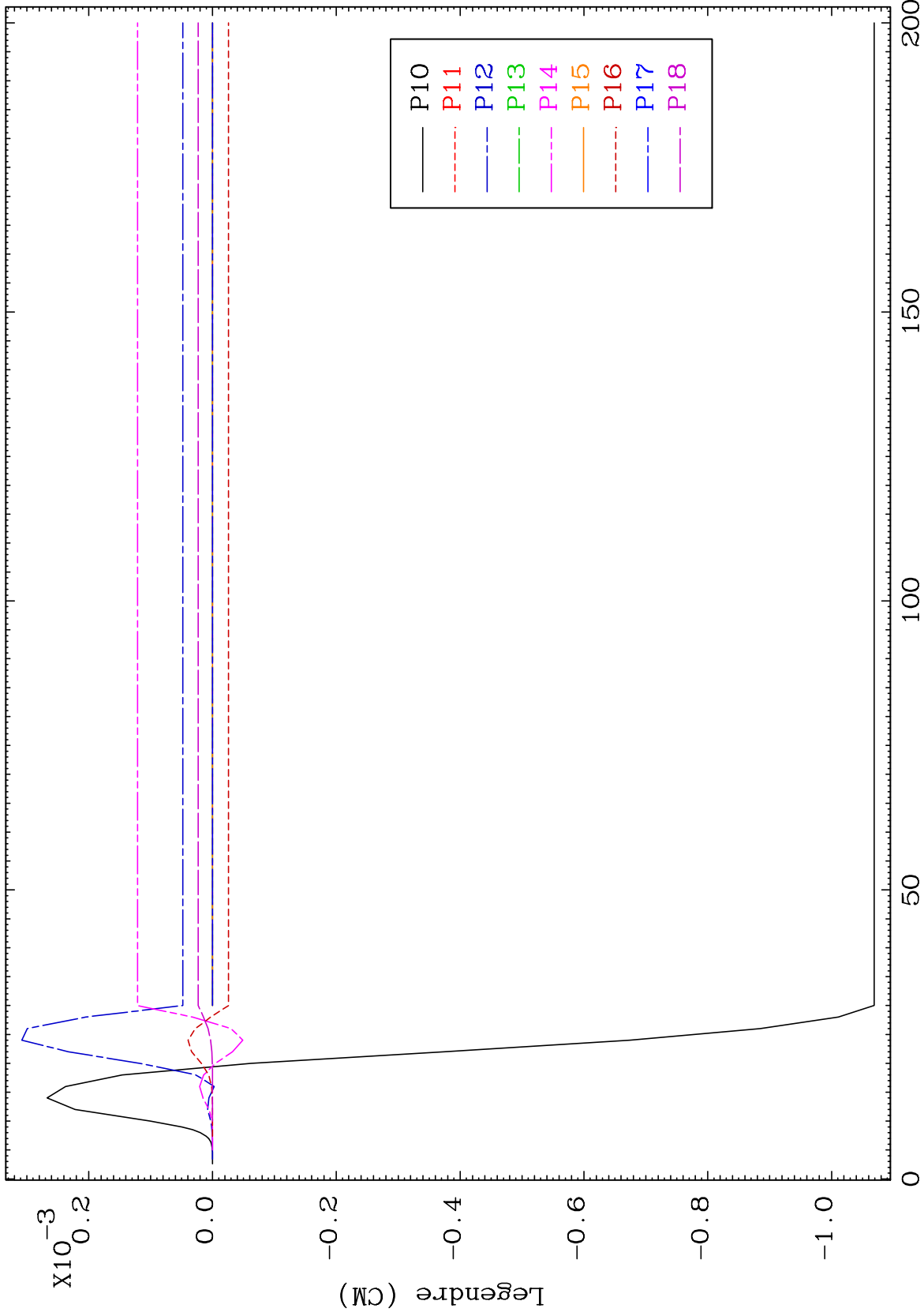
Incident Energy (MeV)

80

MAT 5419

2.459 MeV (n, n') Level  
Legendre Coefficients

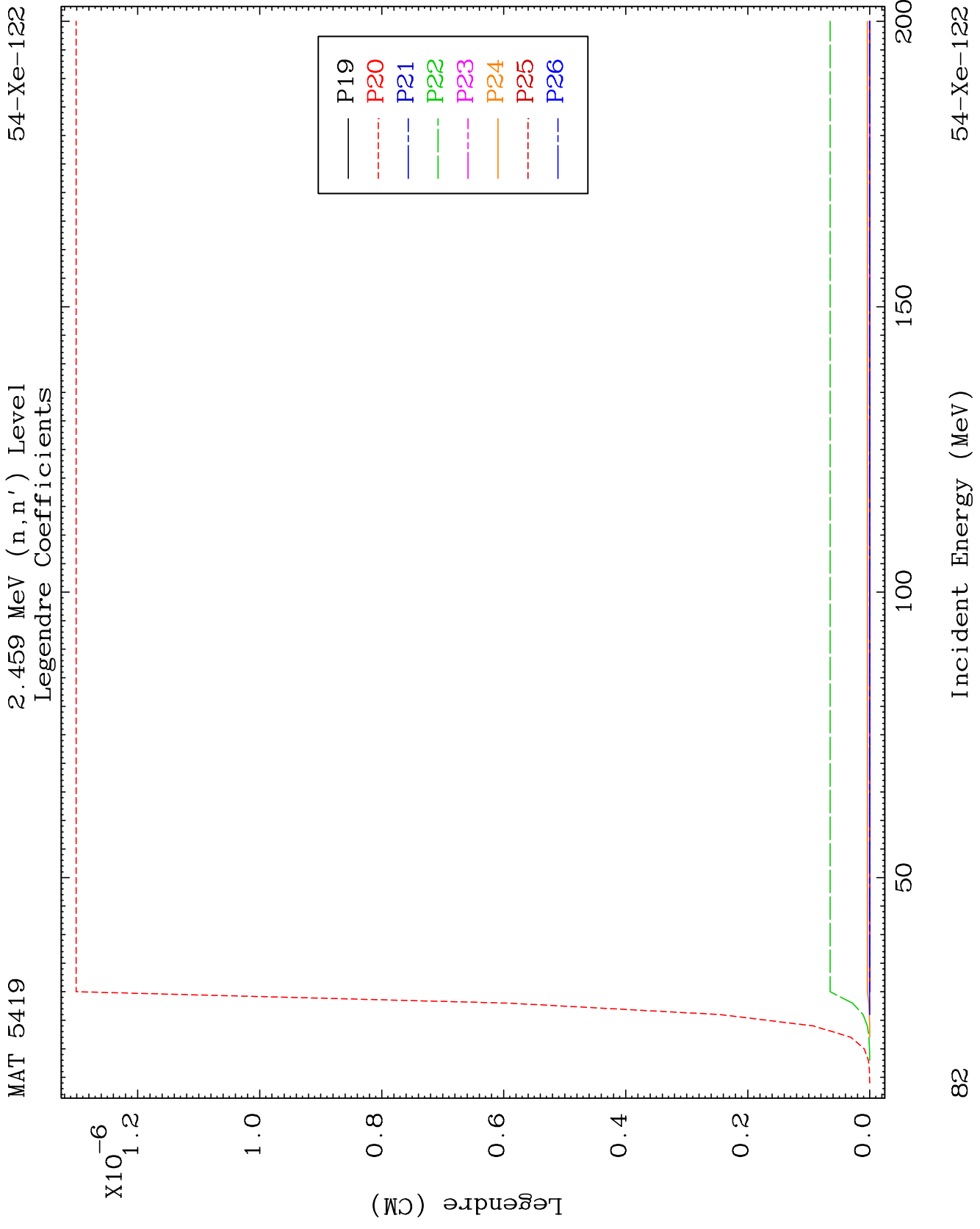
54-Xe-122

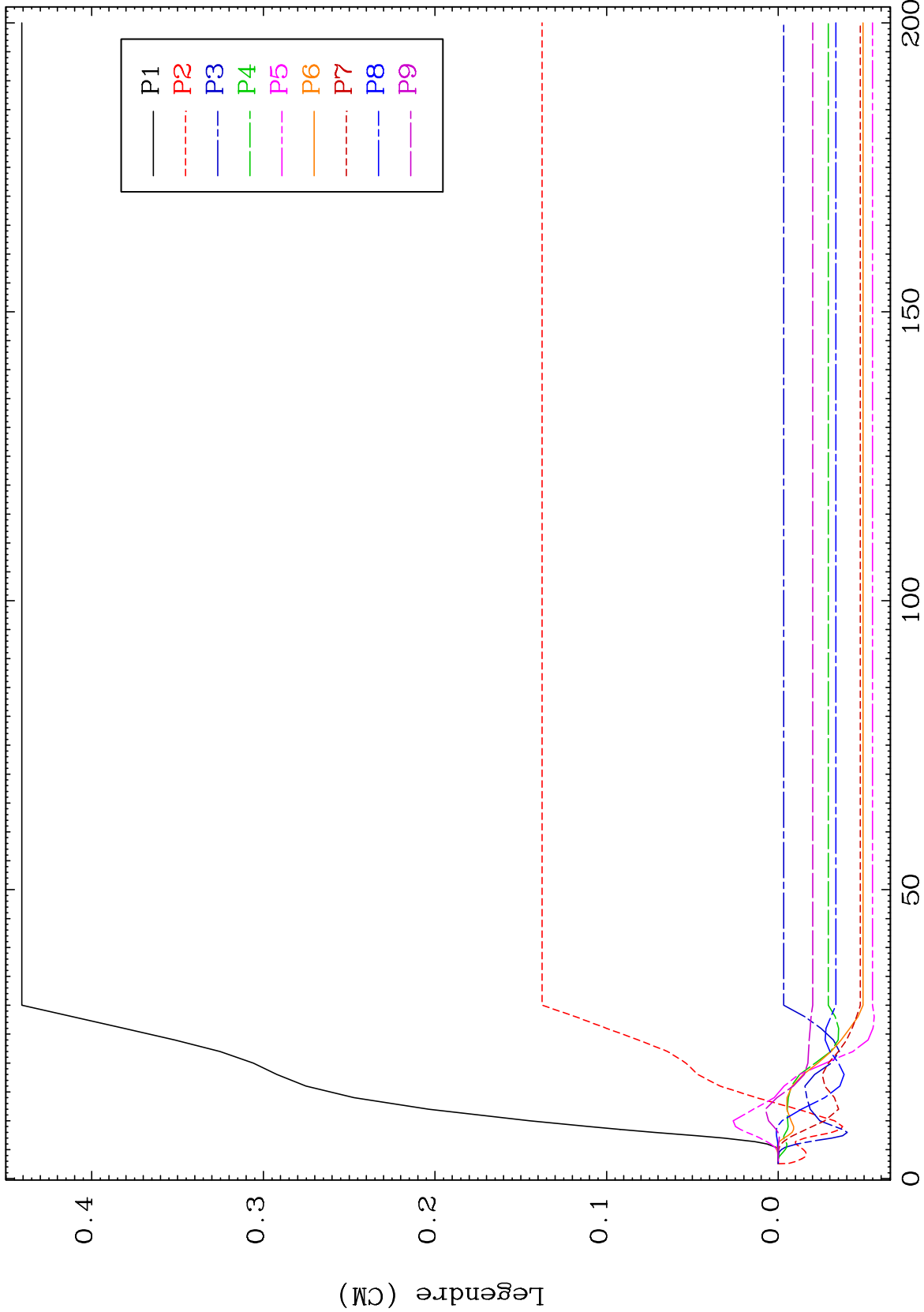


81

Incident Energy (MeV)

54-Xe-122

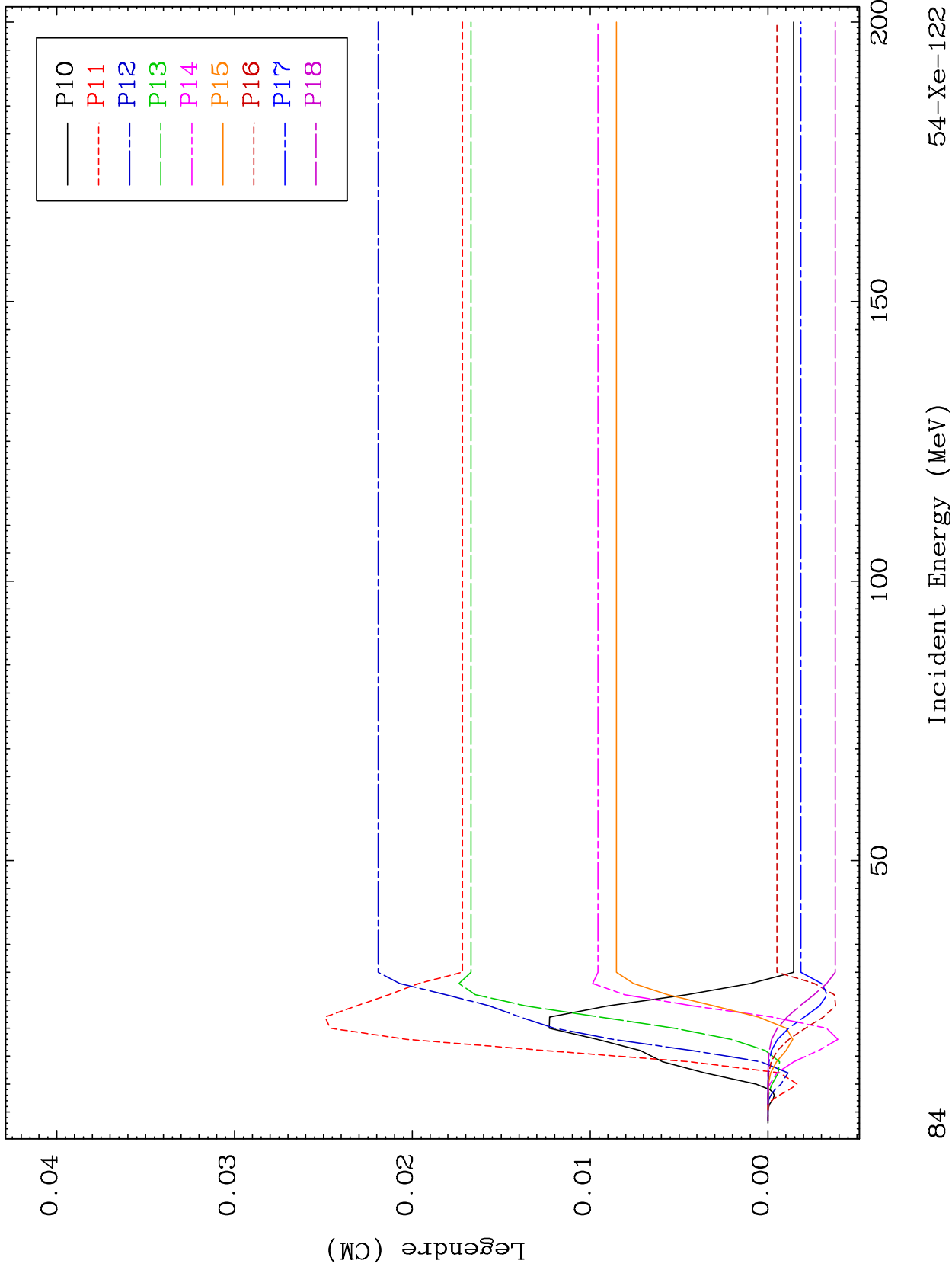




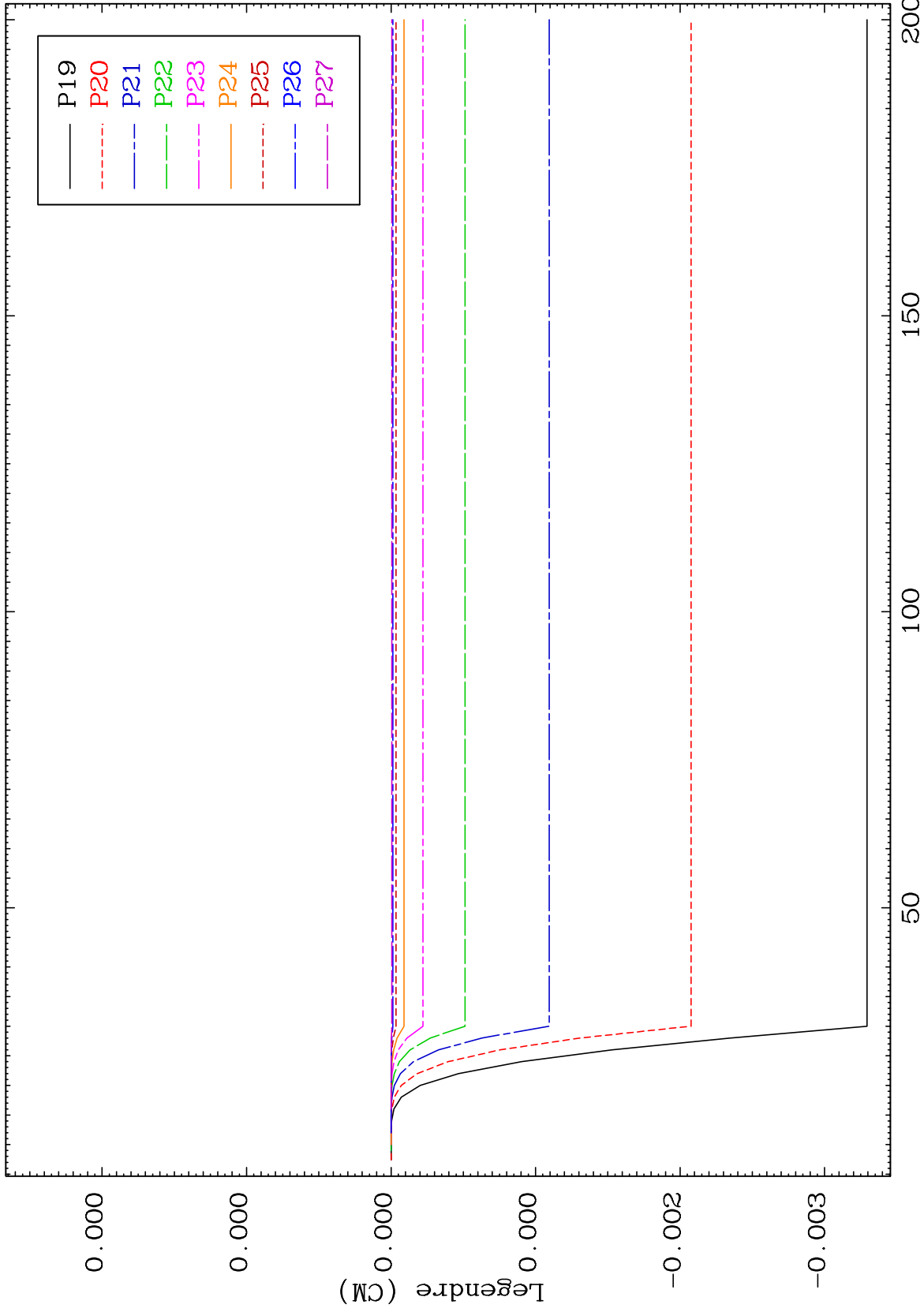
MAT 5419

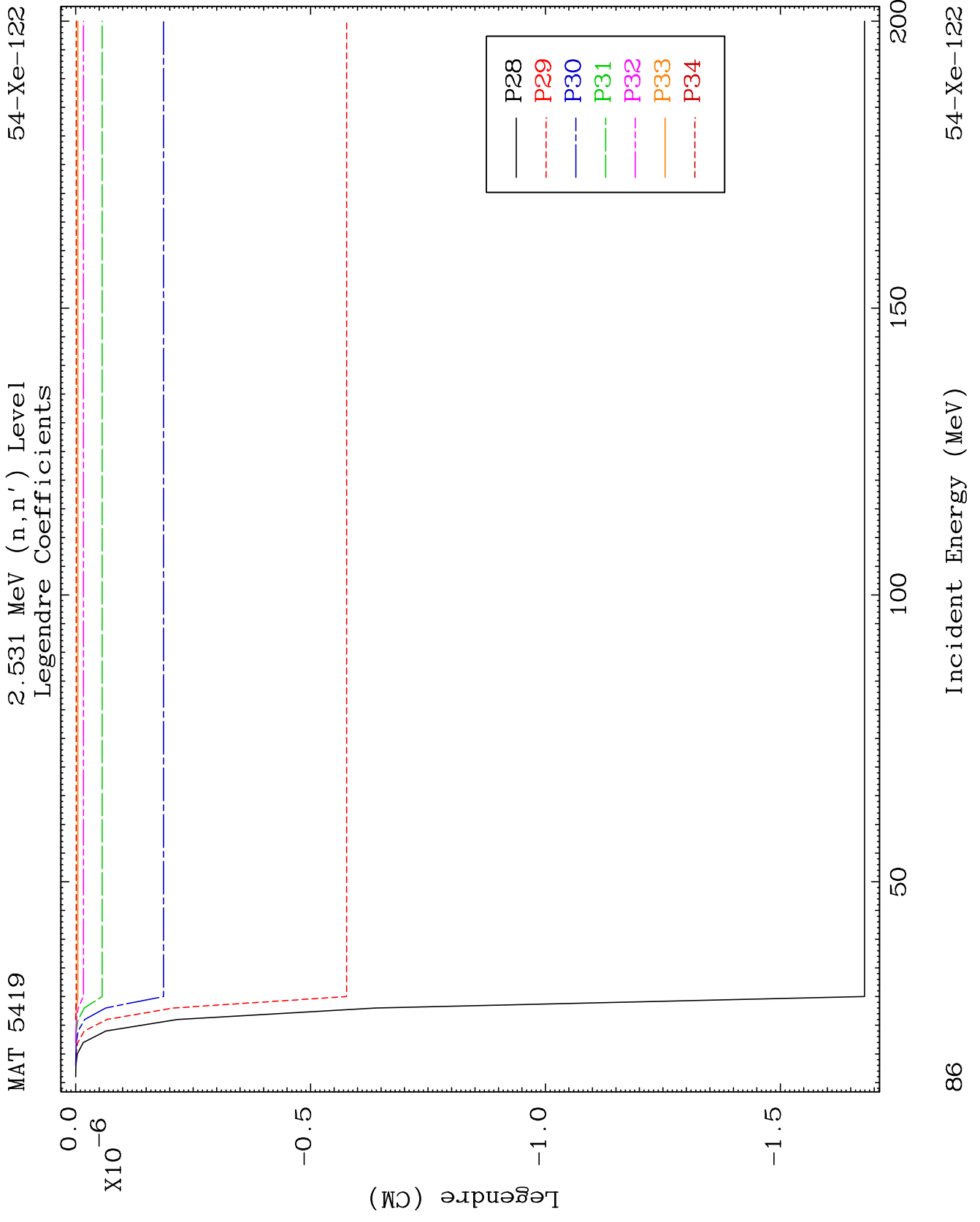
2.531 MeV (n,n') Level  
Legendre Coefficients

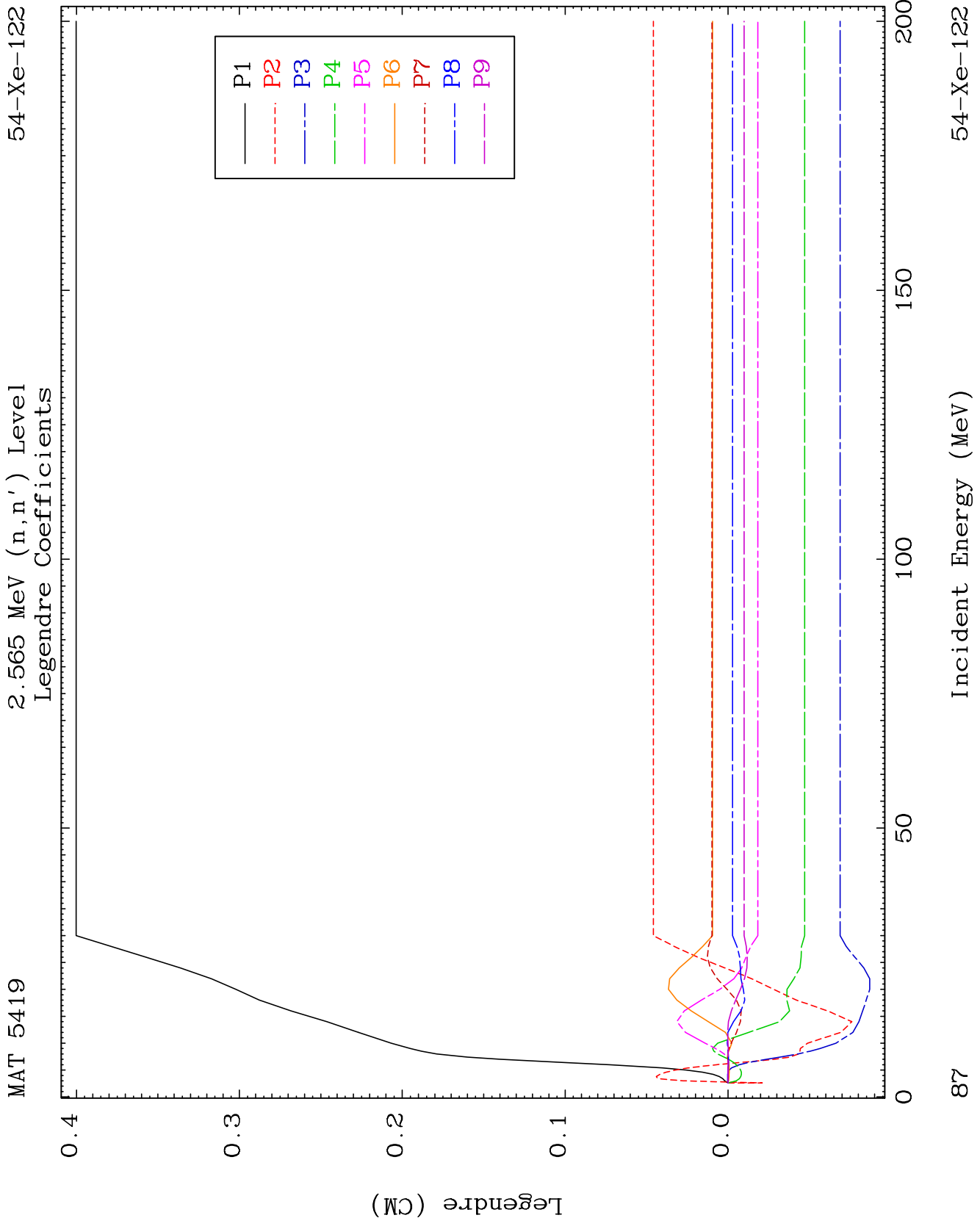
54-Xe-122



84





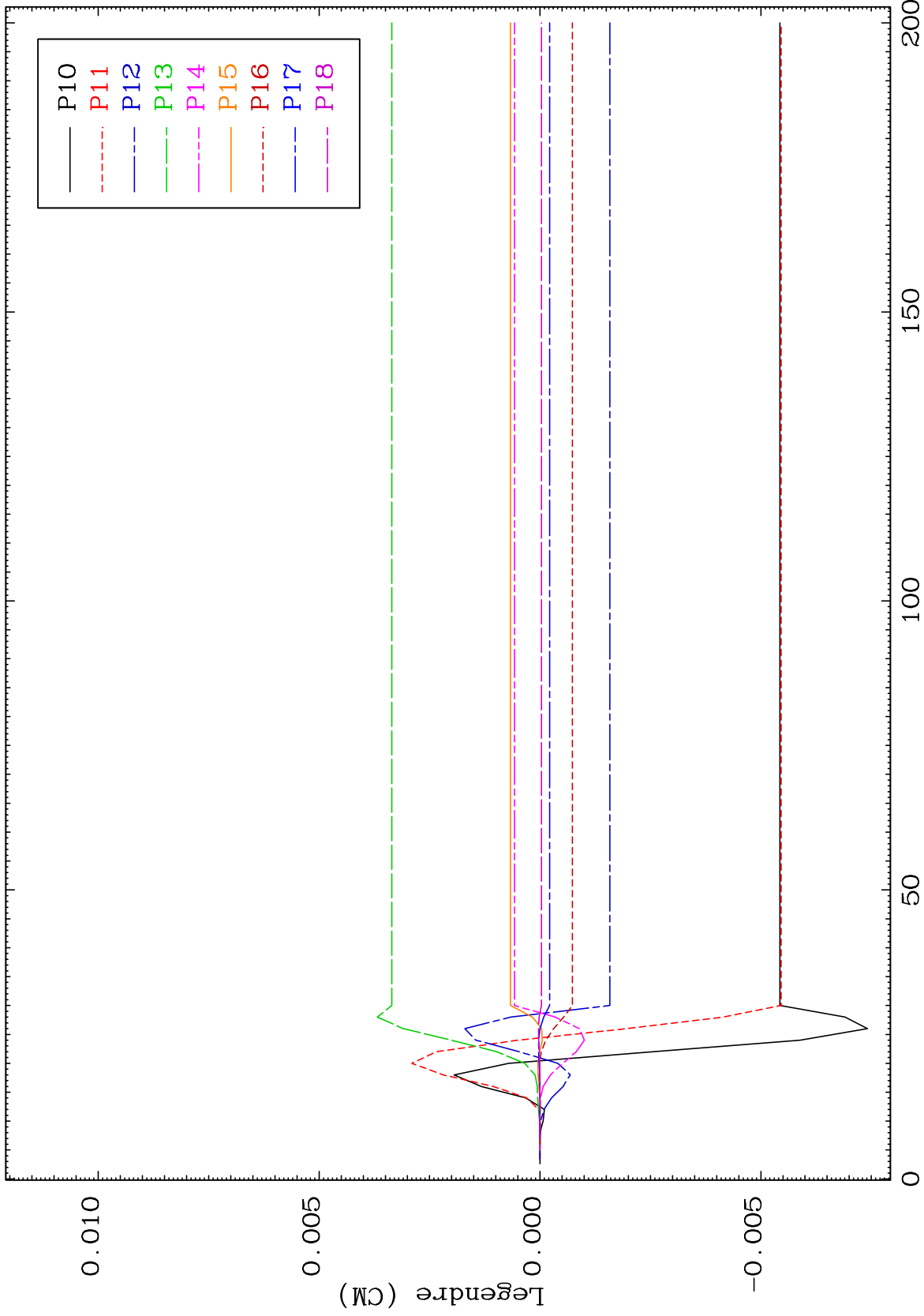




MAT 5419

2.565 MeV (n,n') Level  
Legendre Coefficients

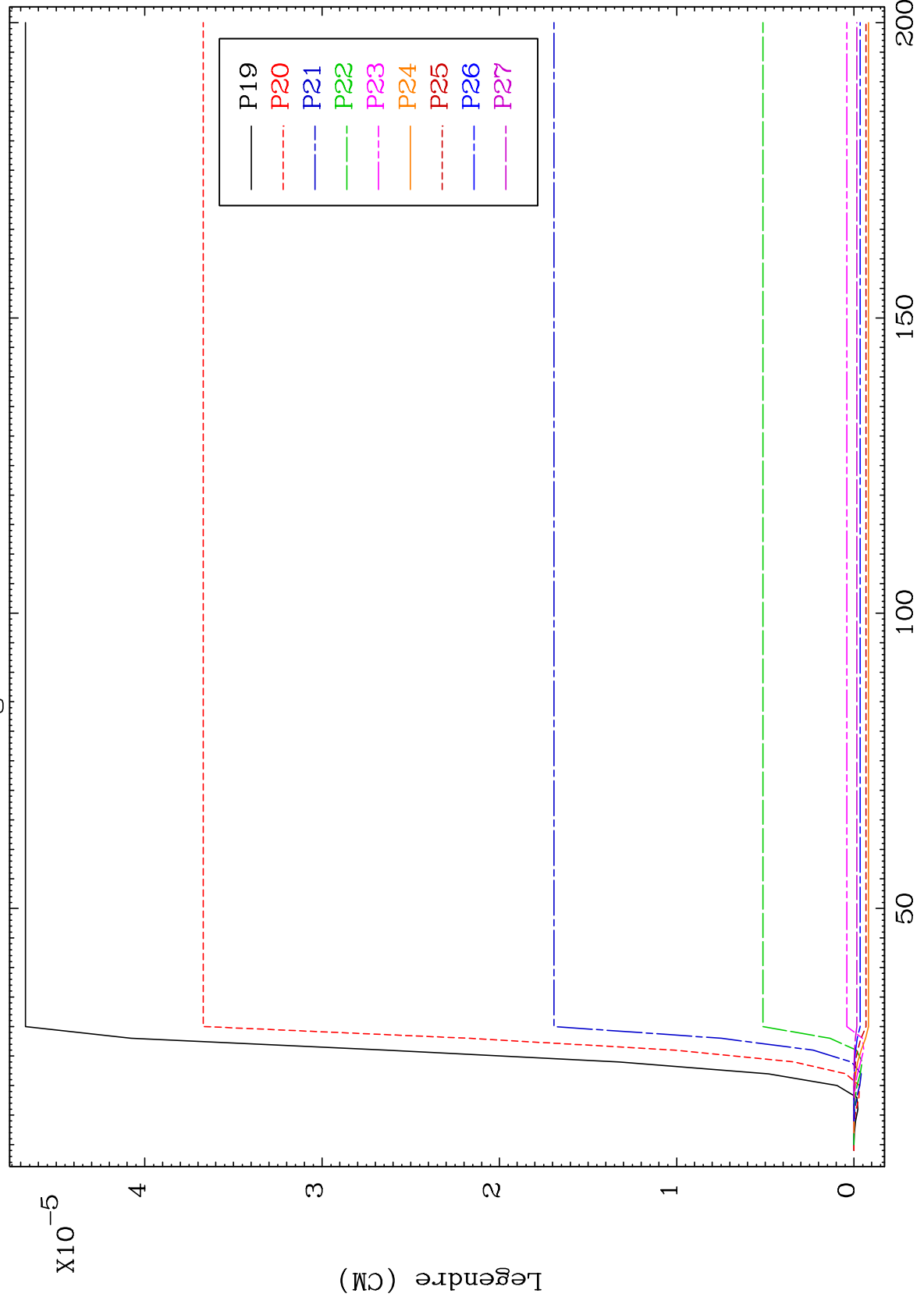
54-Xe-122



88

Incident Energy (MeV)

54-Xe-122

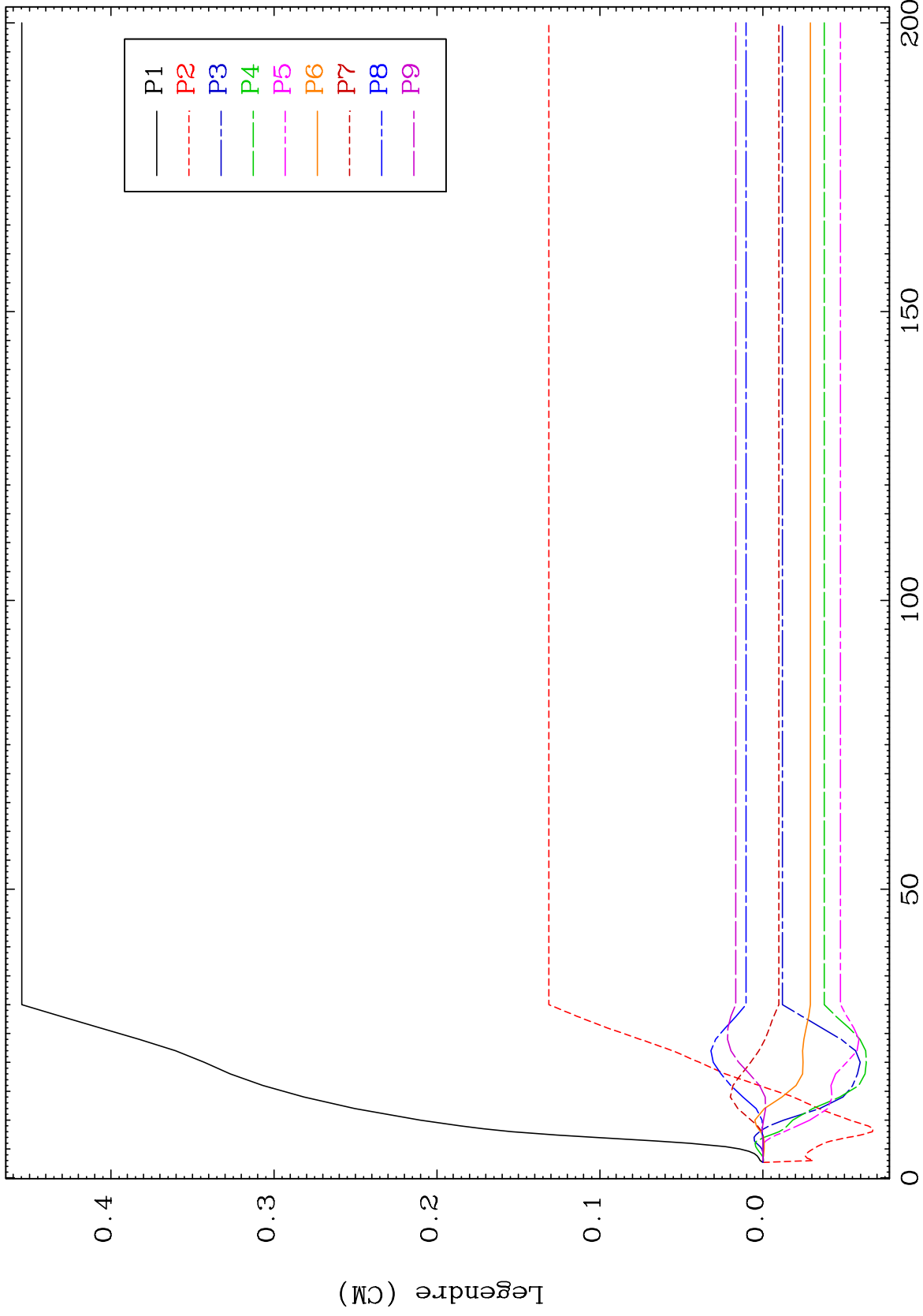




MAT 5419

2.642 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



91

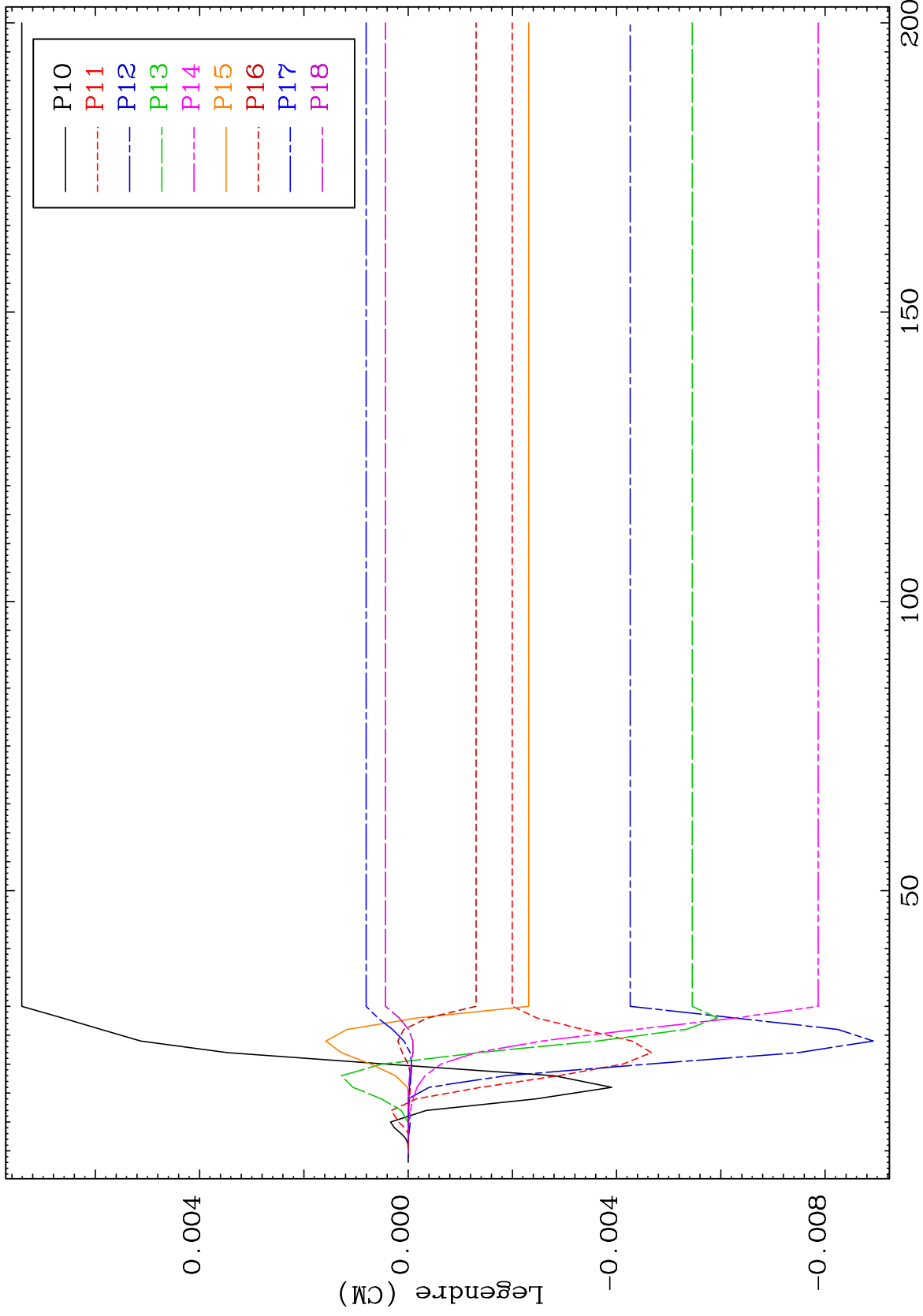
Incident Energy (MeV)

54-Xe-122

MAT 5419

2.642 MeV (n,n') Level  
Legendre Coefficients

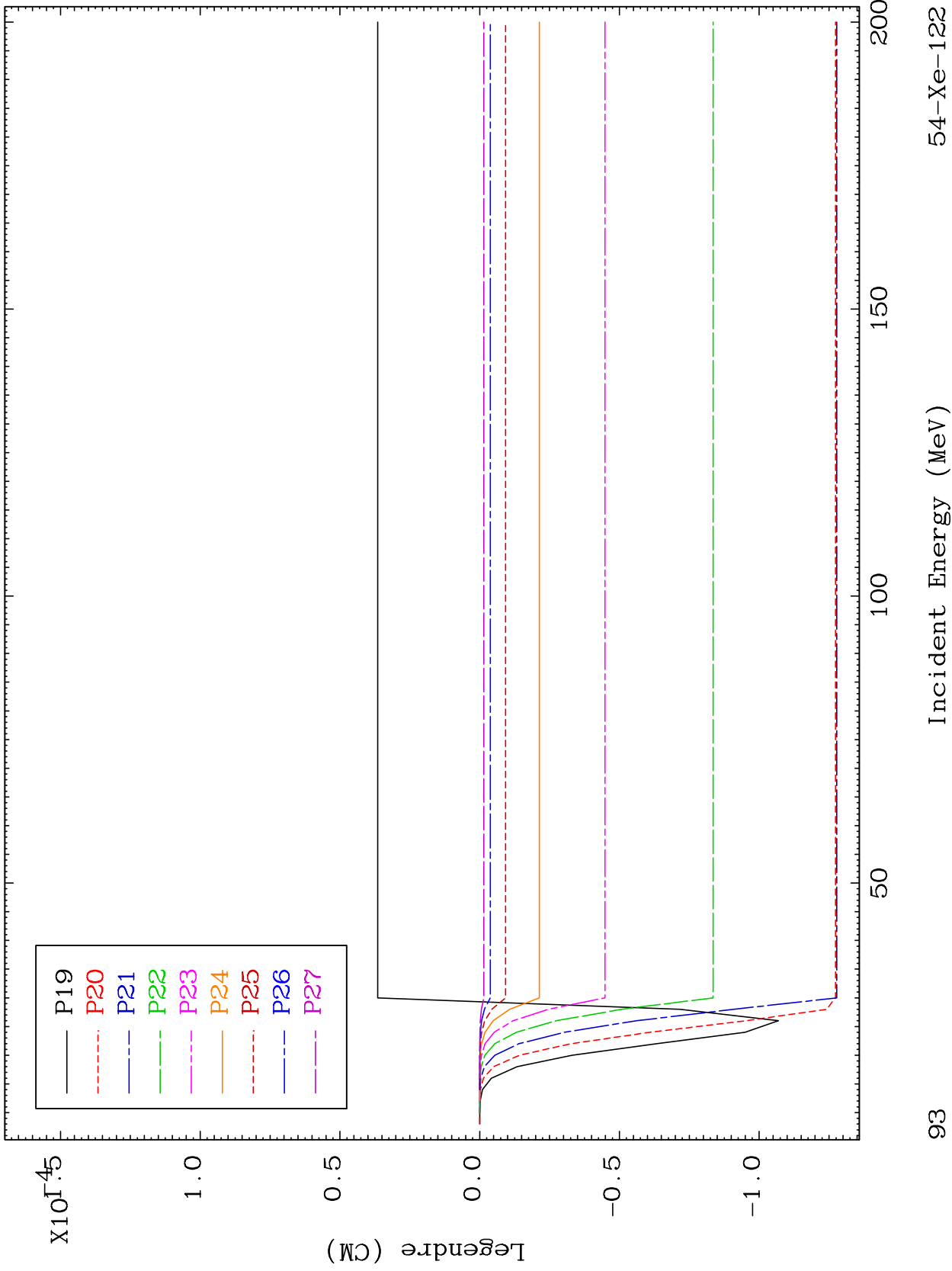
54-Xe-122

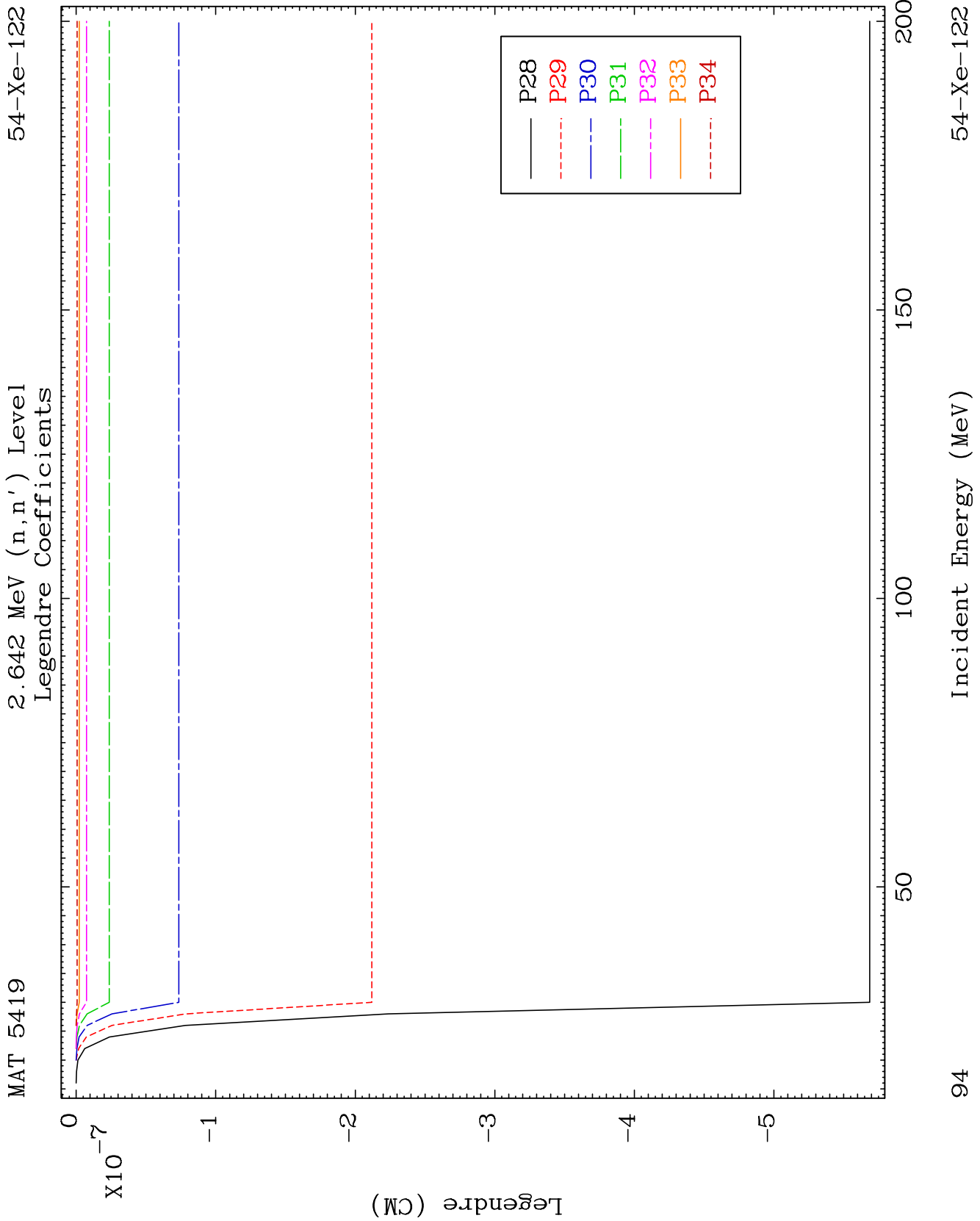


92

Incident Energy (MeV)

54-Xe-122

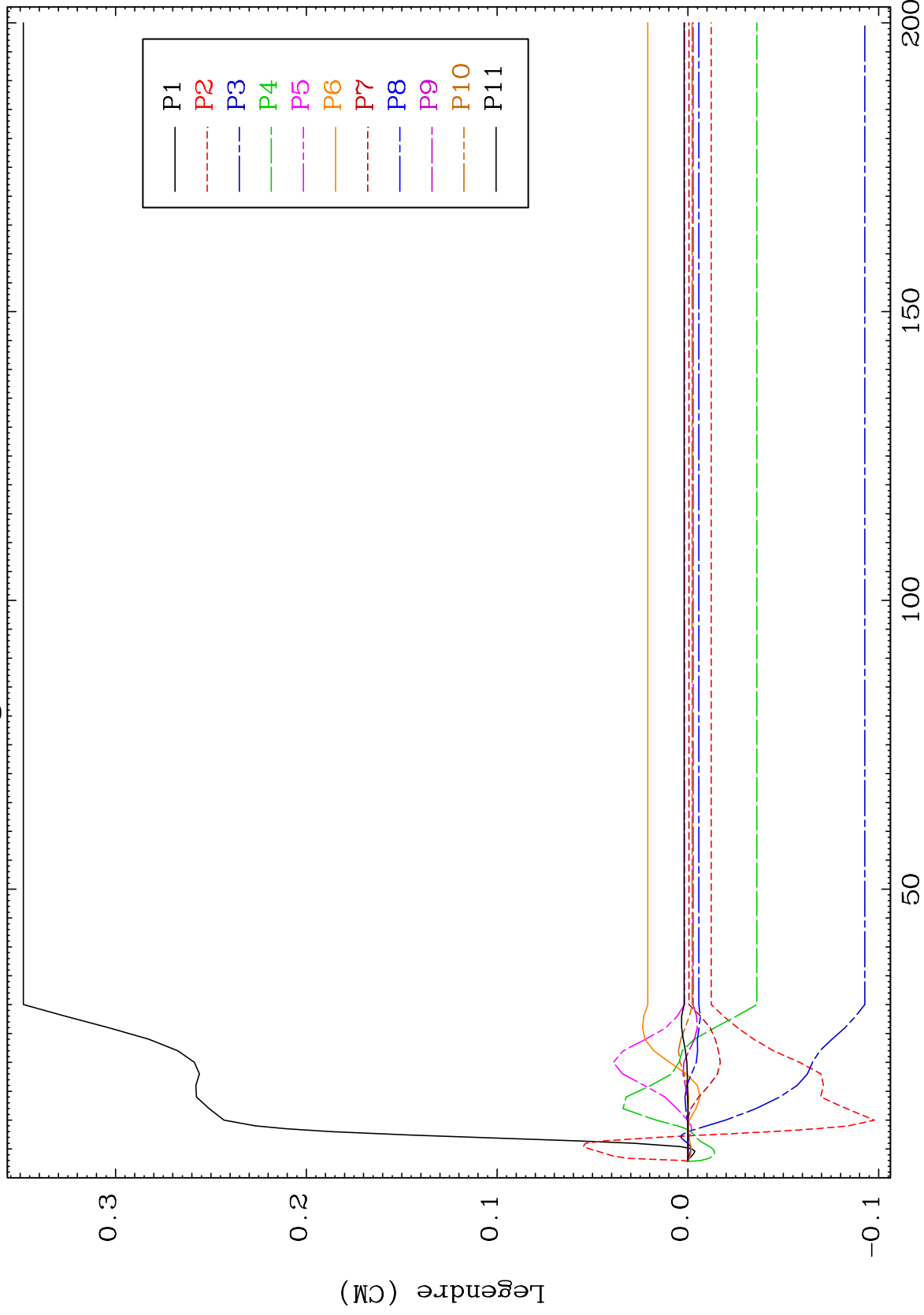




MAT 5419

2.795 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122

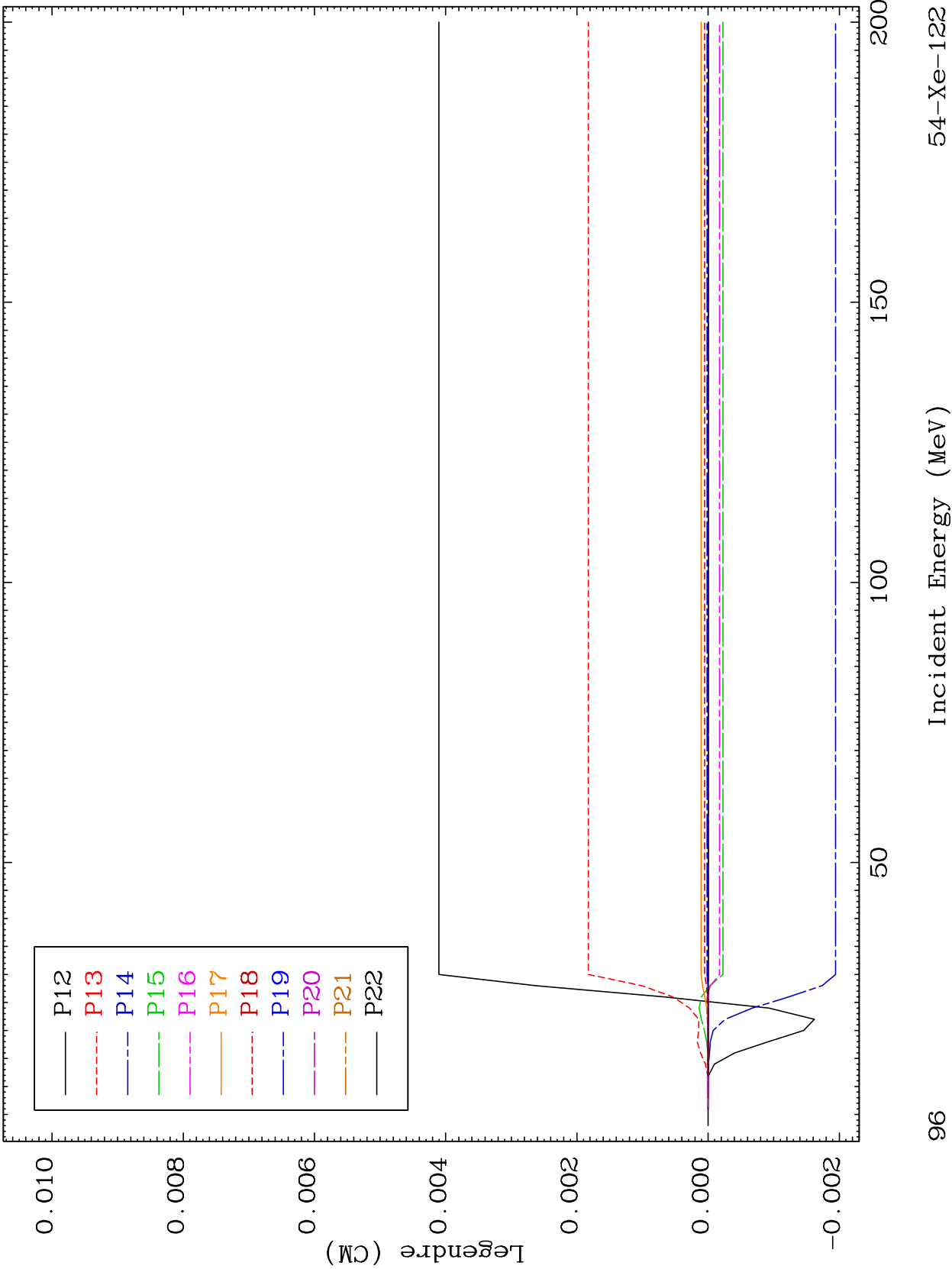


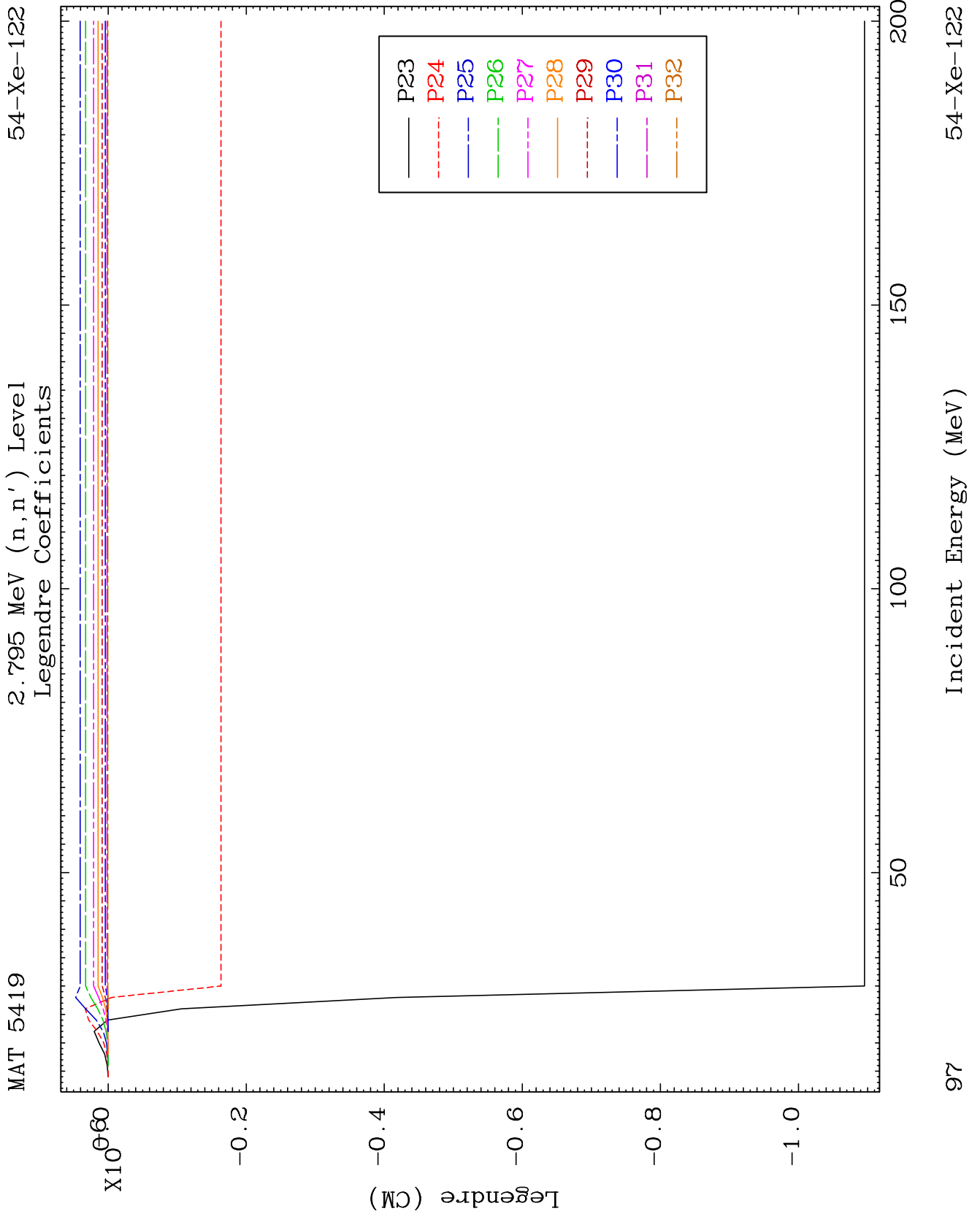
95

Incident Energy (MeV)

54-Xe-122



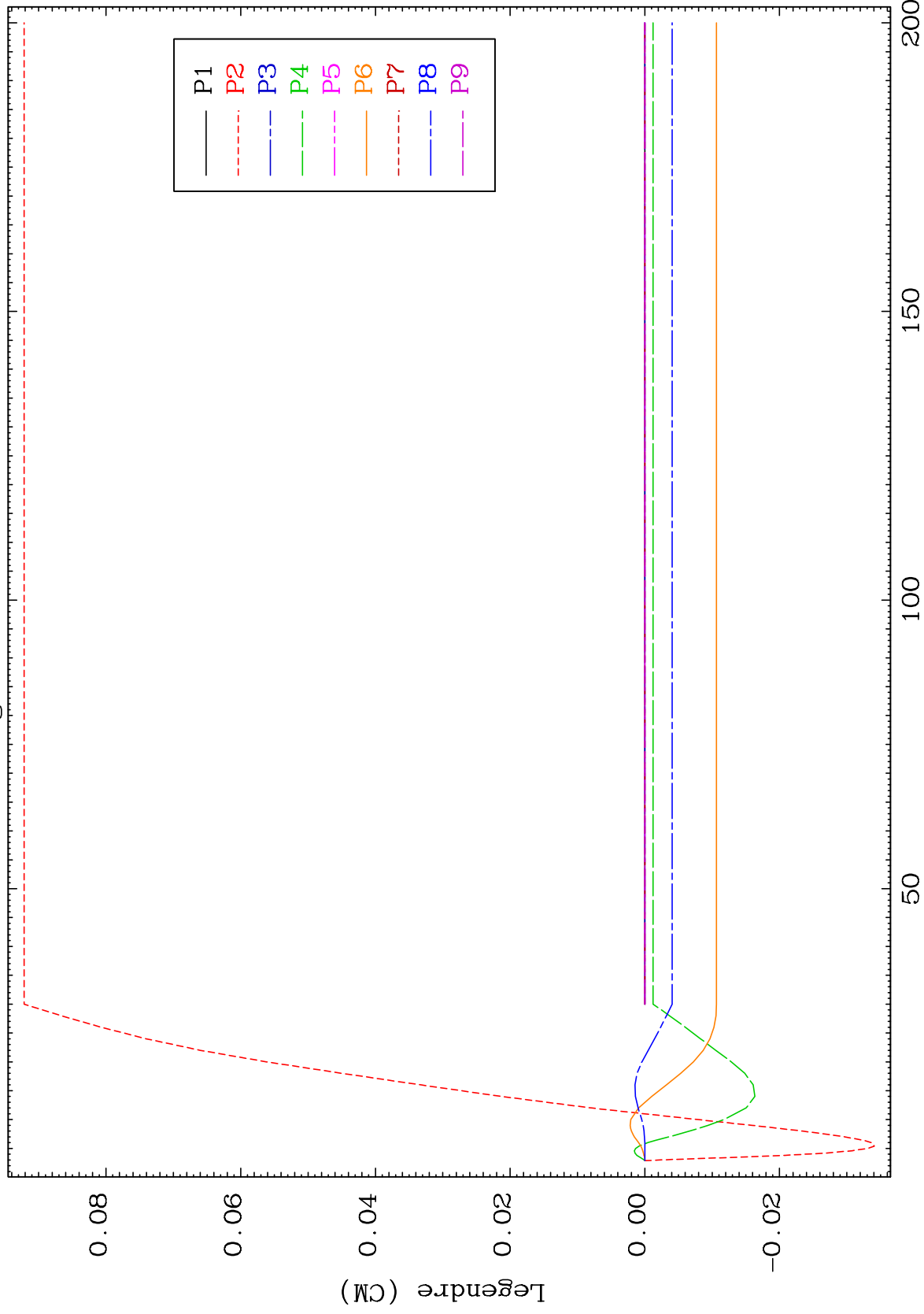




MAT 5419

2.847 MeV (n, n') Level  
Legendre Coefficients

54-Xe-122



98

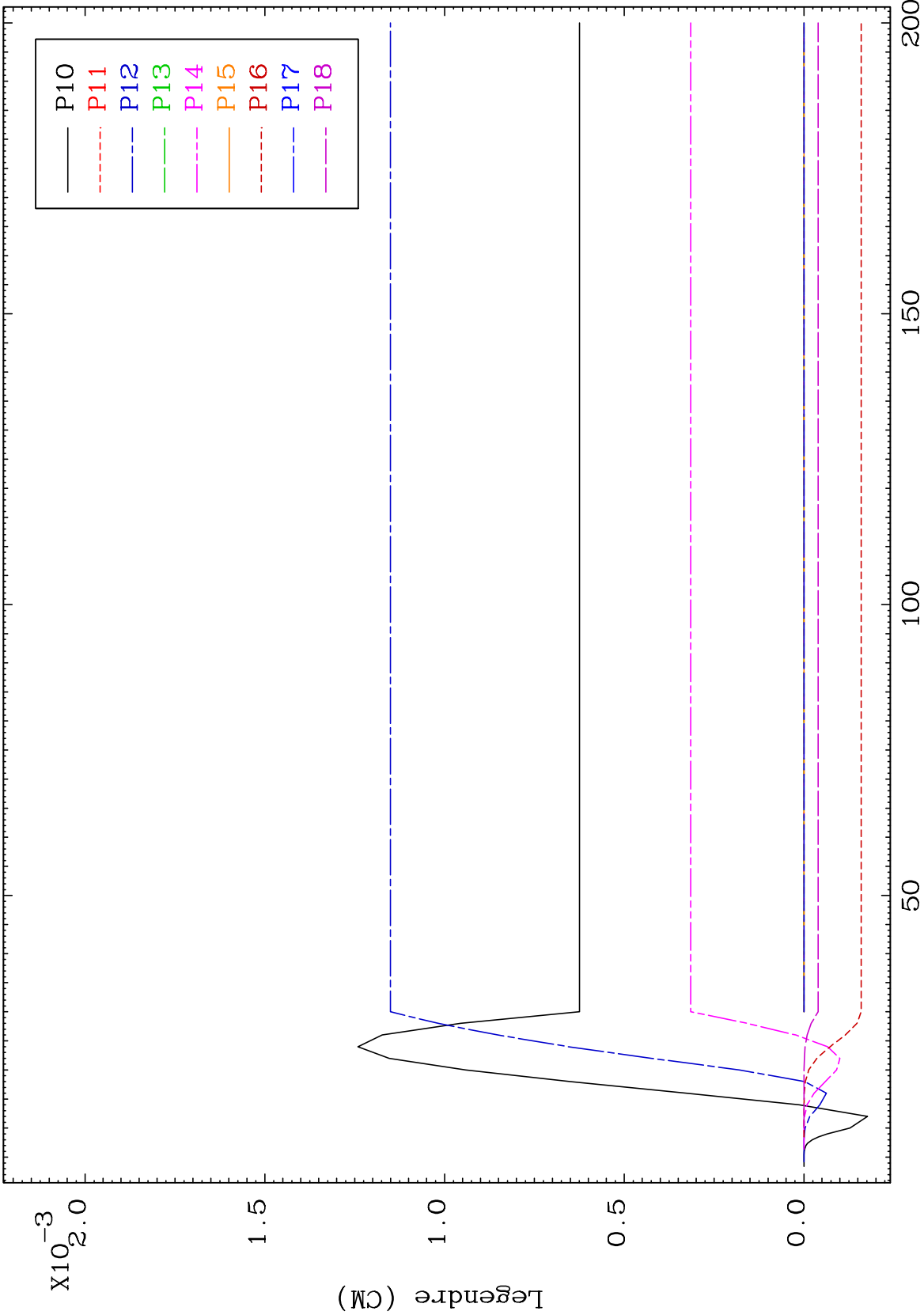
Incident Energy (MeV)

54-Xe-122

MAT 5419

2.847 MeV (n,n') Level  
Legendre Coefficients

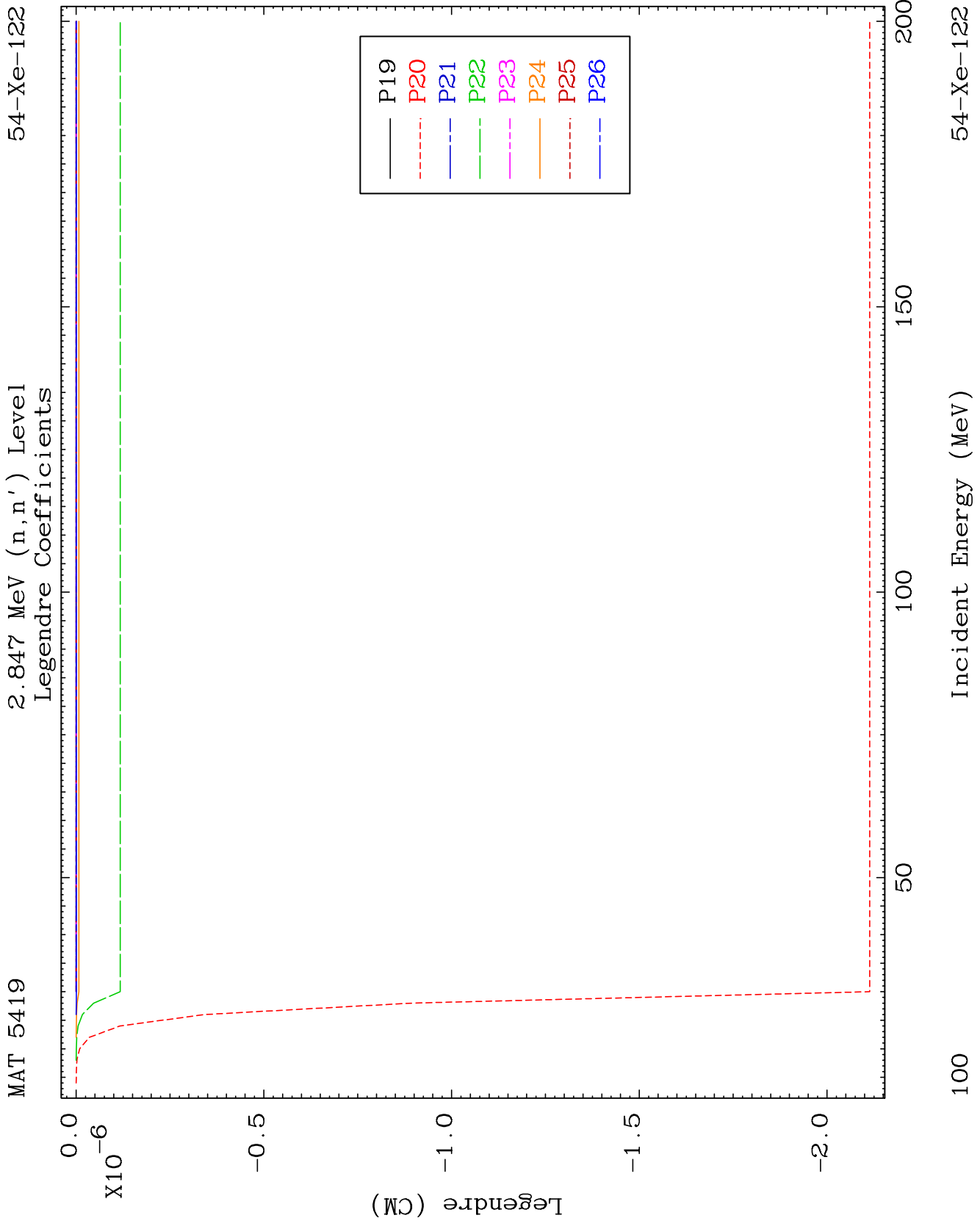
54-Xe-122

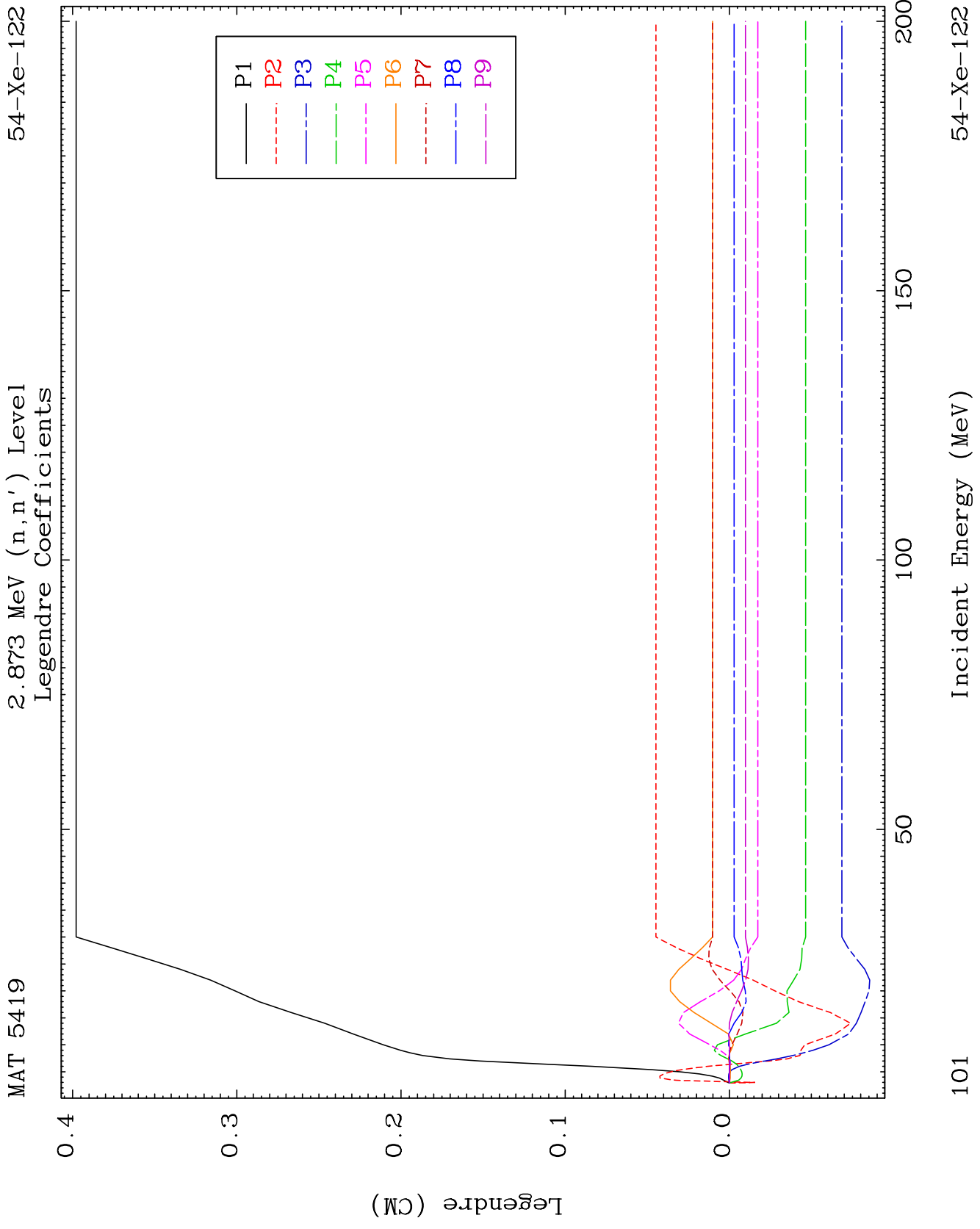


99

Incident Energy (MeV)

54-Xe-122

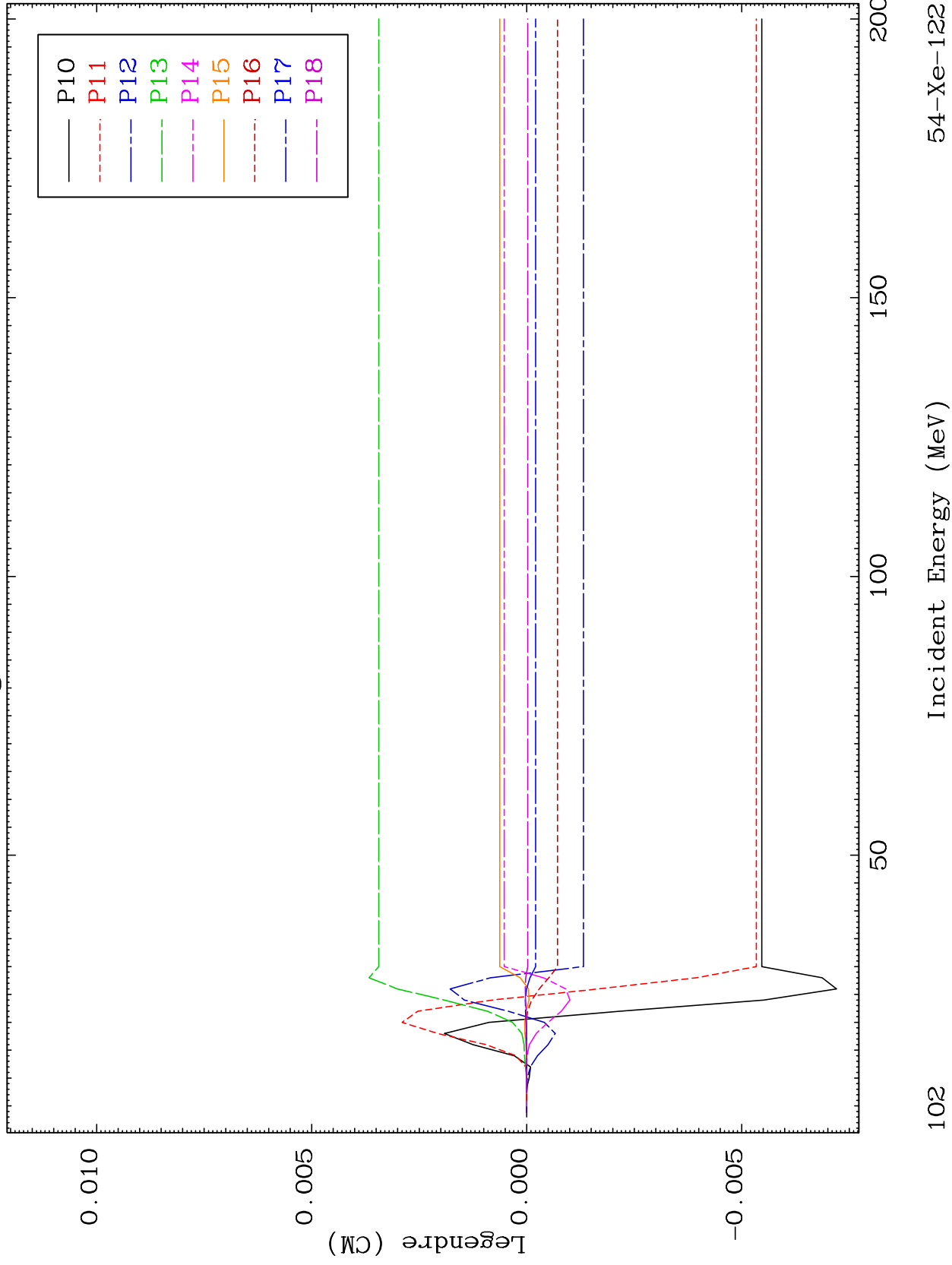




MAT 5419

2.873 MeV (n,n') Level  
Legendre Coefficients

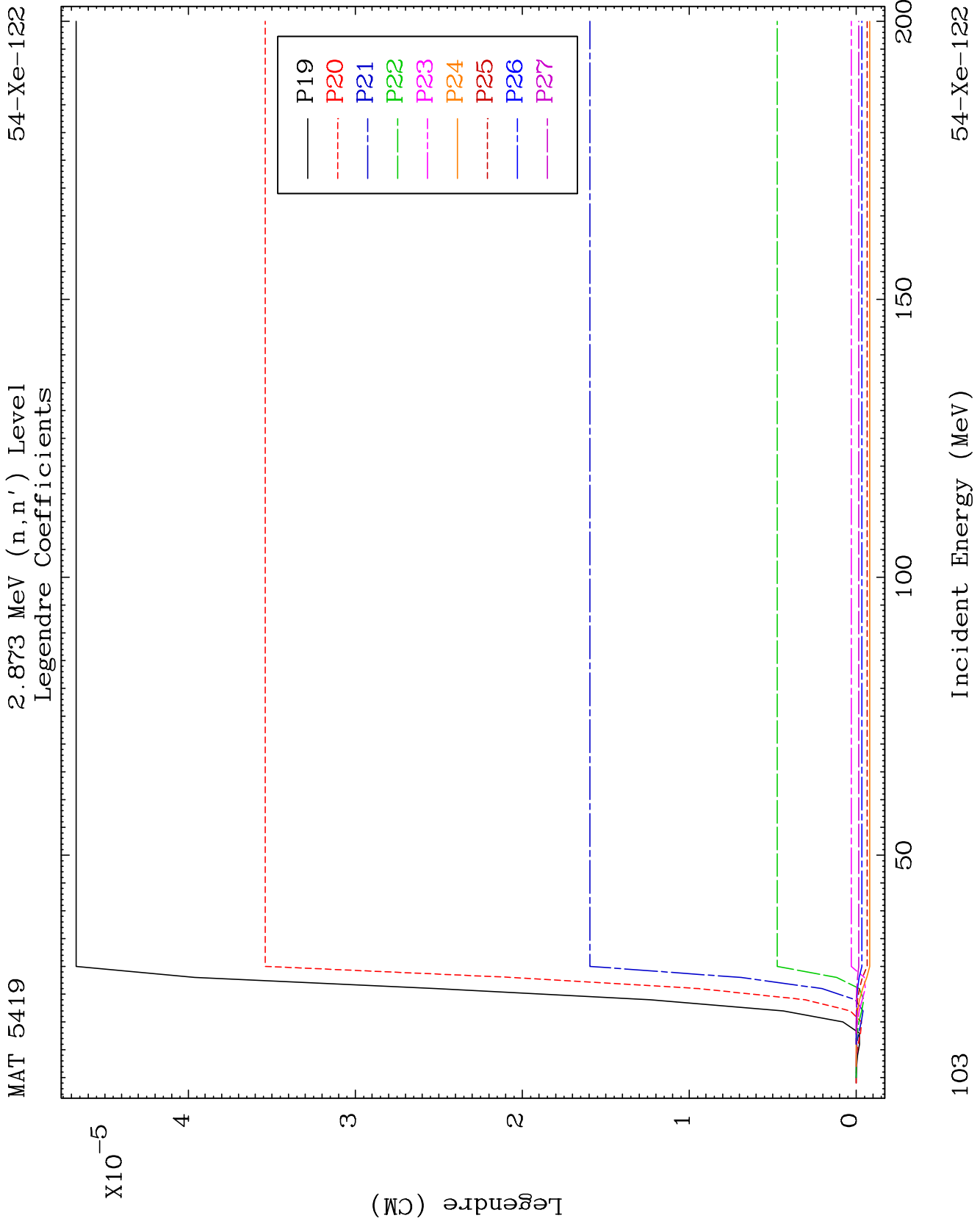
54-Xe-122



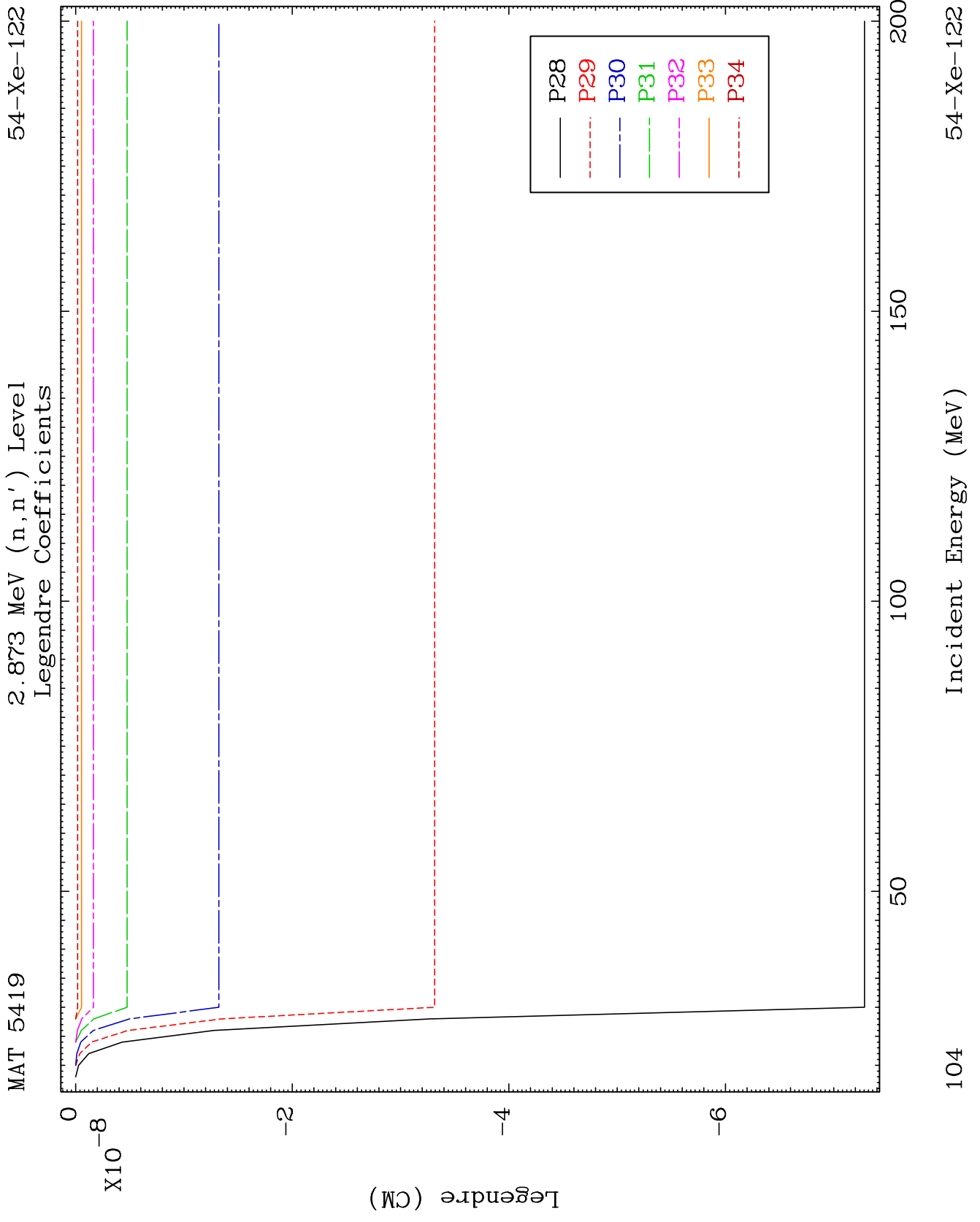
102

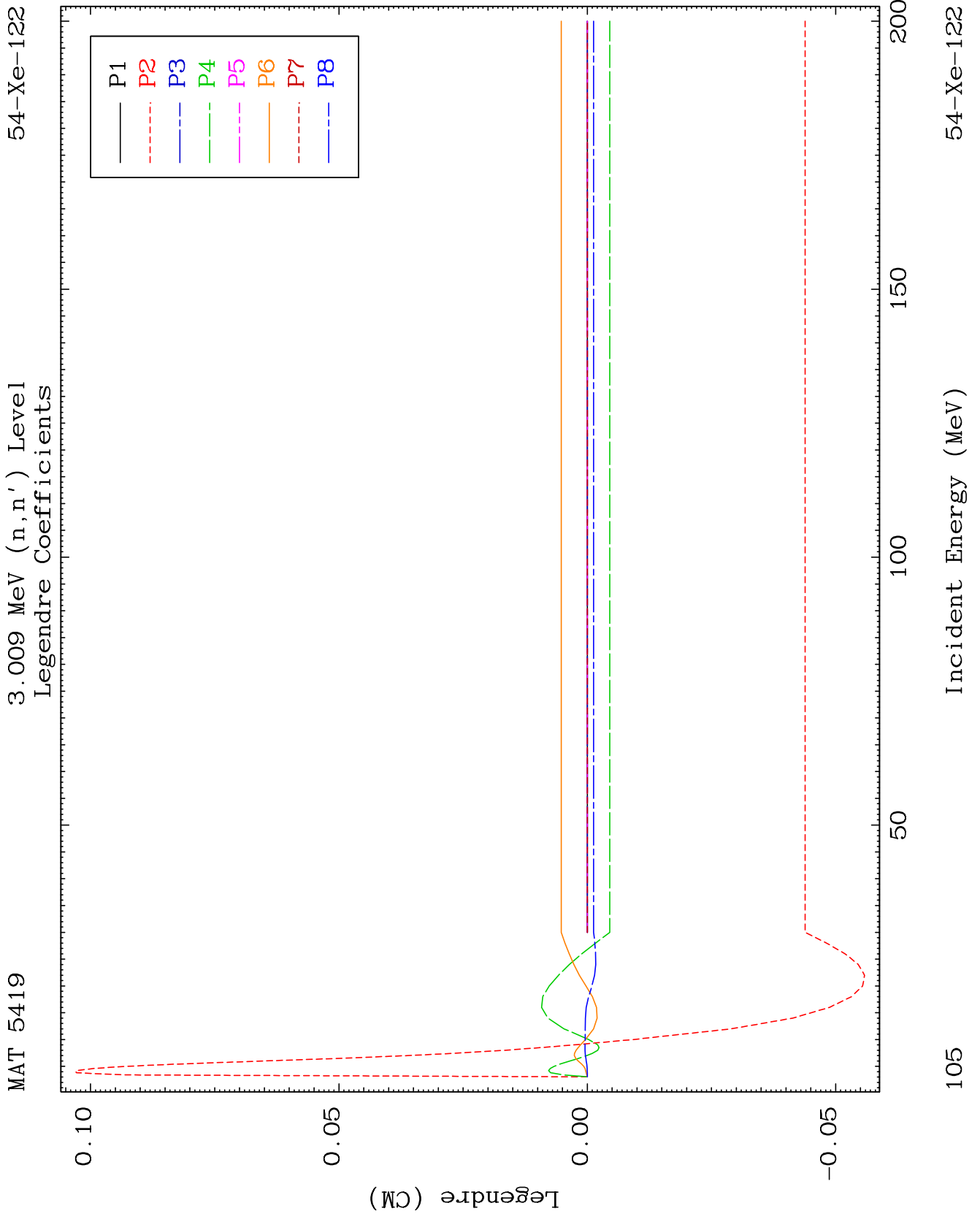
Incident Energy (MeV)

54-Xe-122





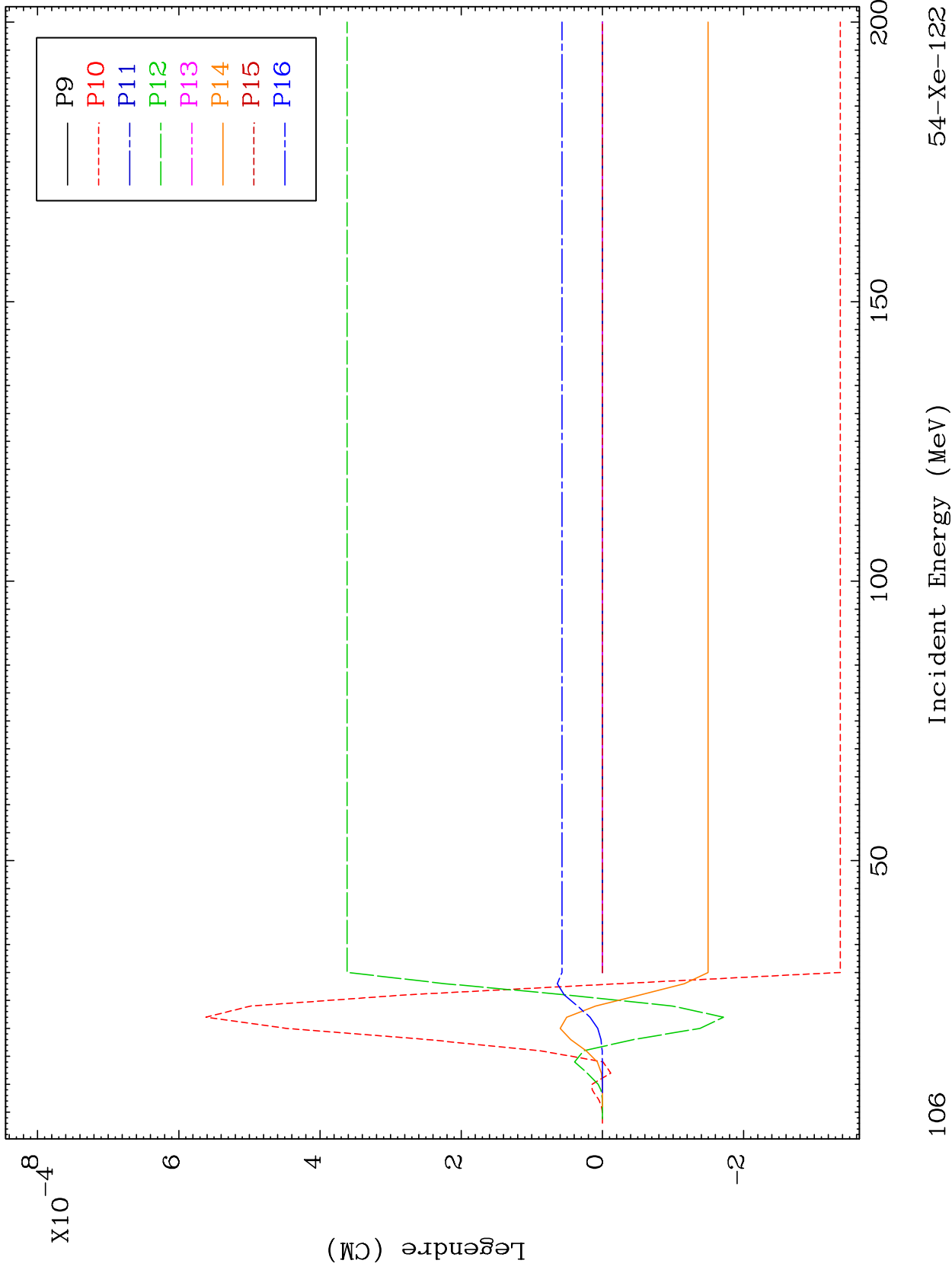




MAT 5419

3.009 MeV (n,n') Level  
Legendre Coefficients

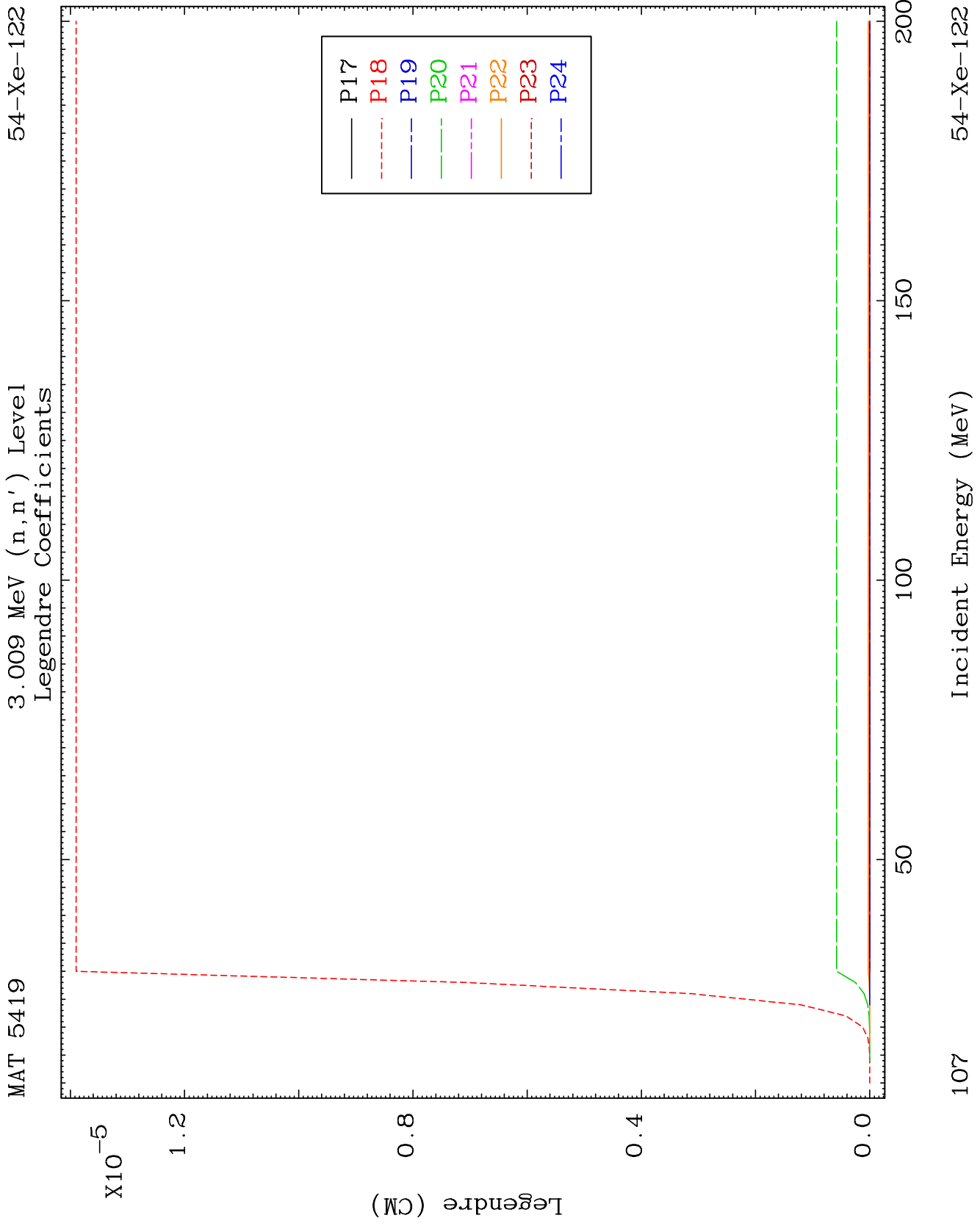
54-Xe-122



106

Incident Energy (MeV)

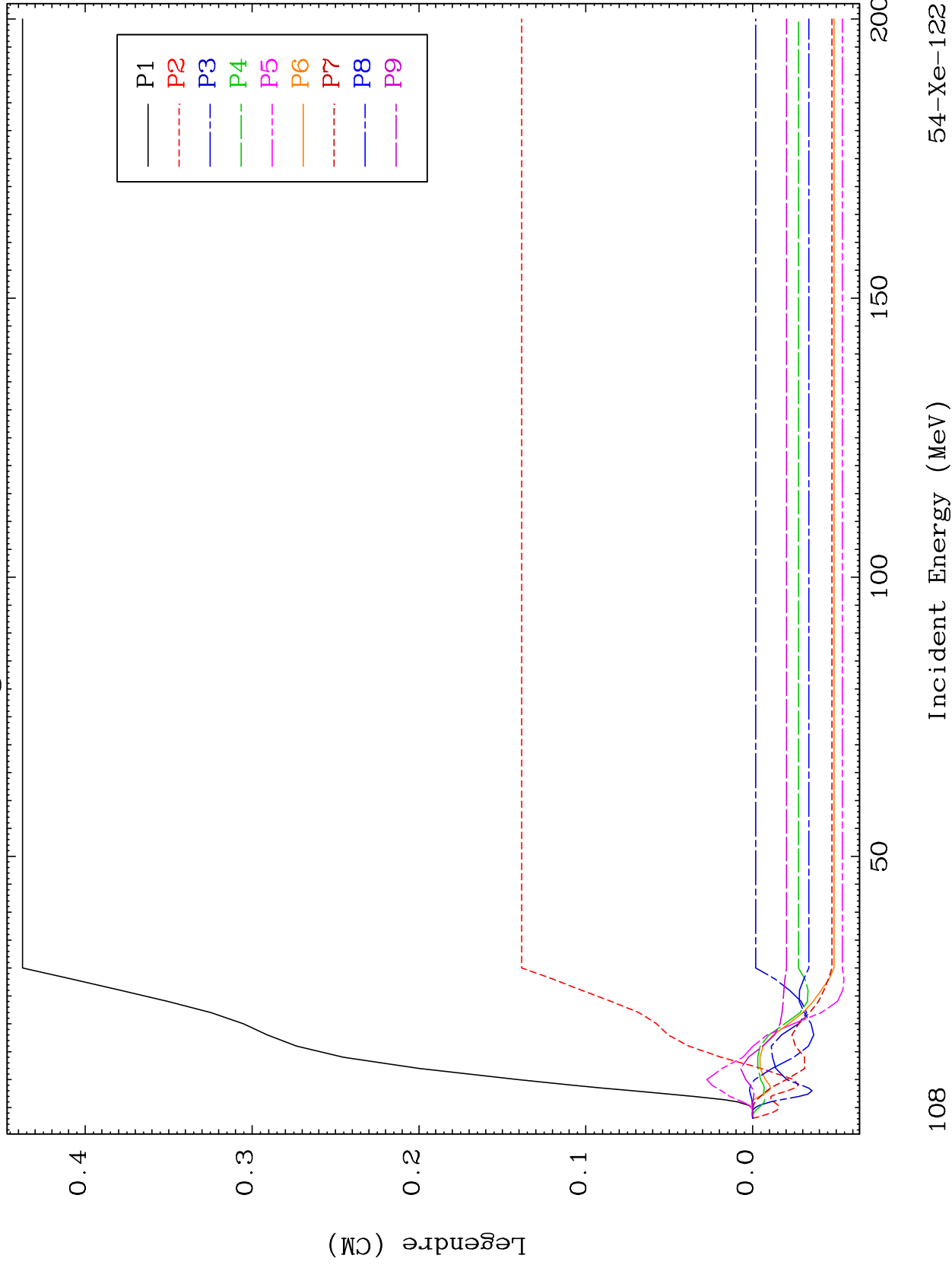
54-Xe-122



MAT 5419

3.031 MeV (n,n') Level  
Legendre Coefficients

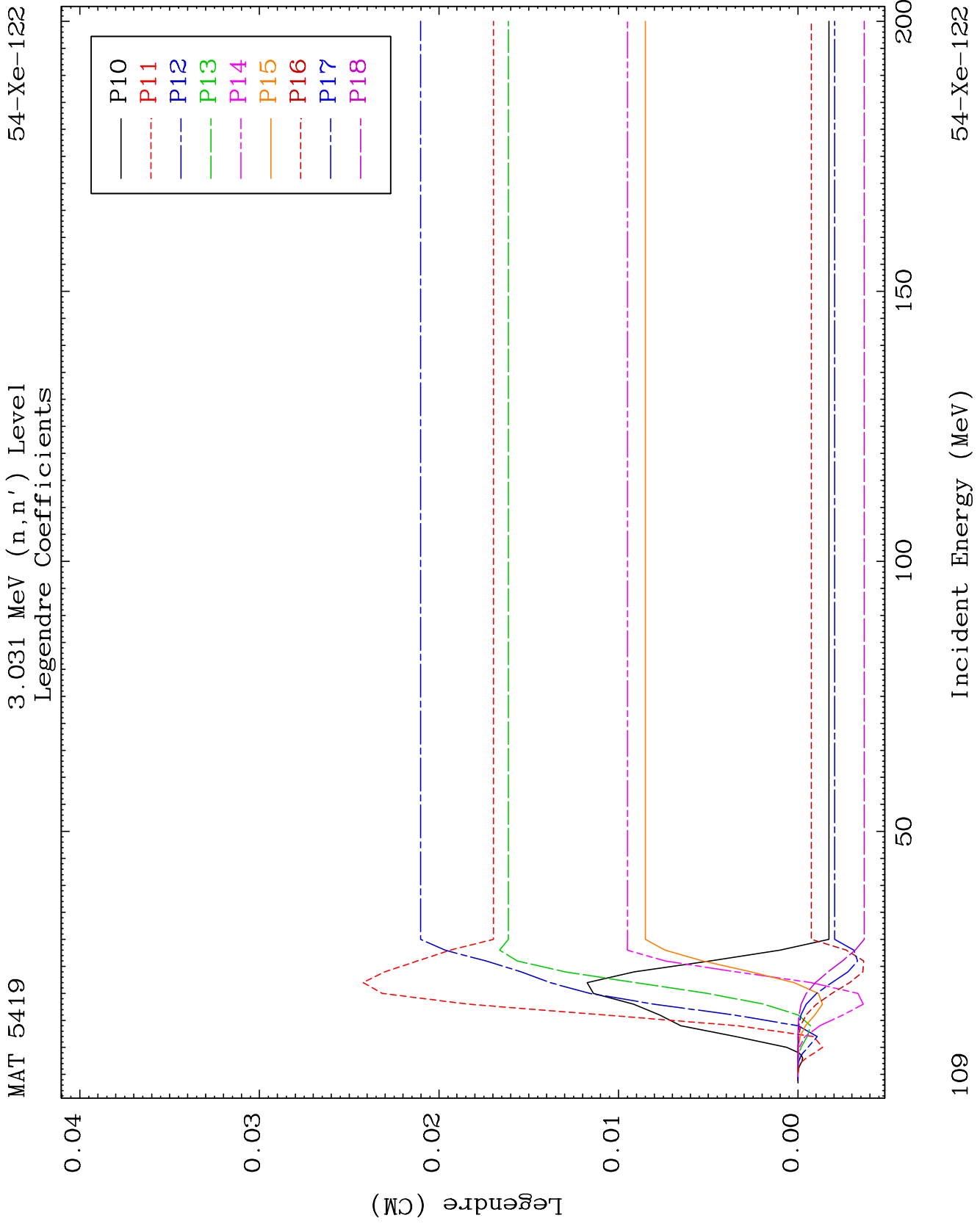
54-Xe-122

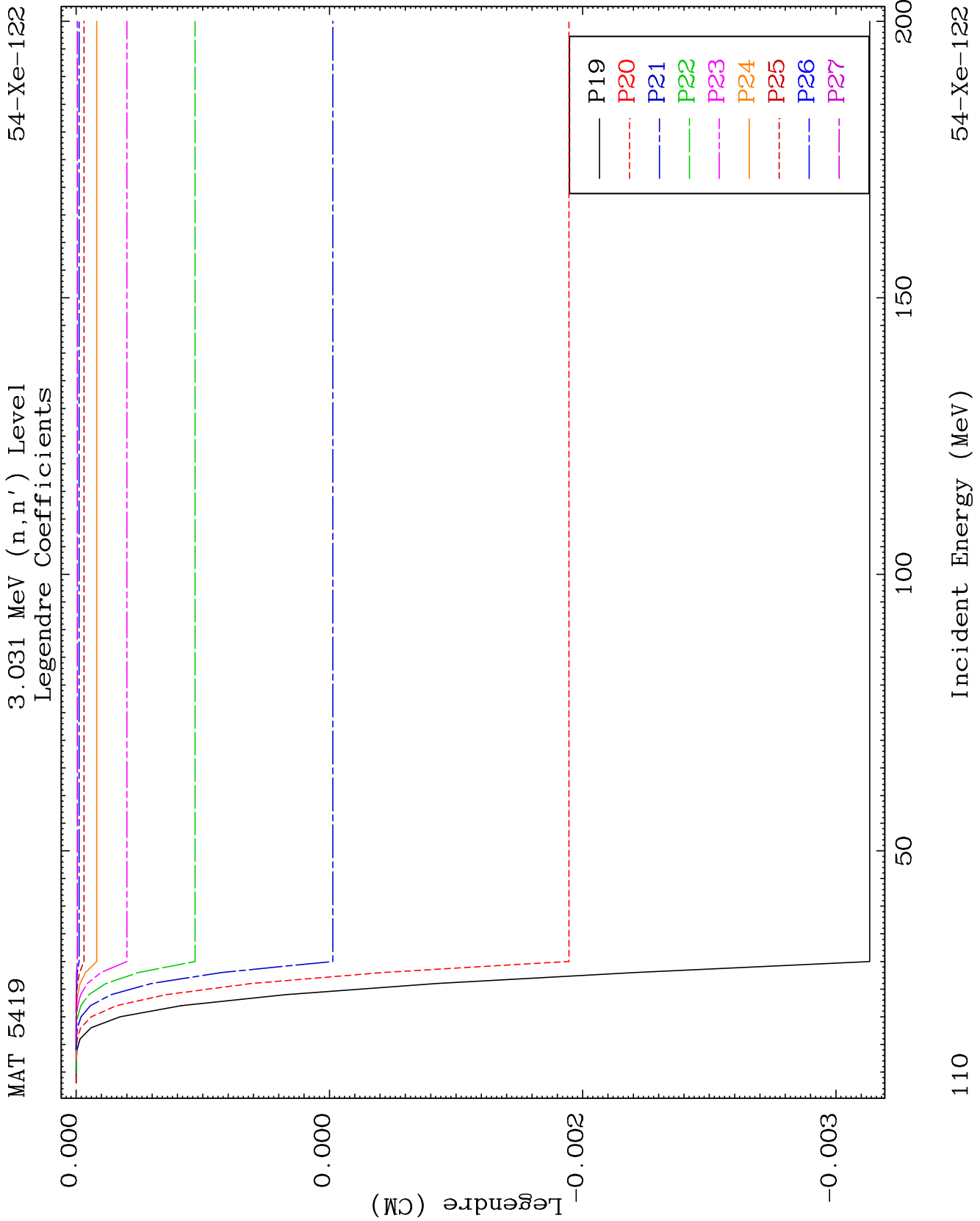


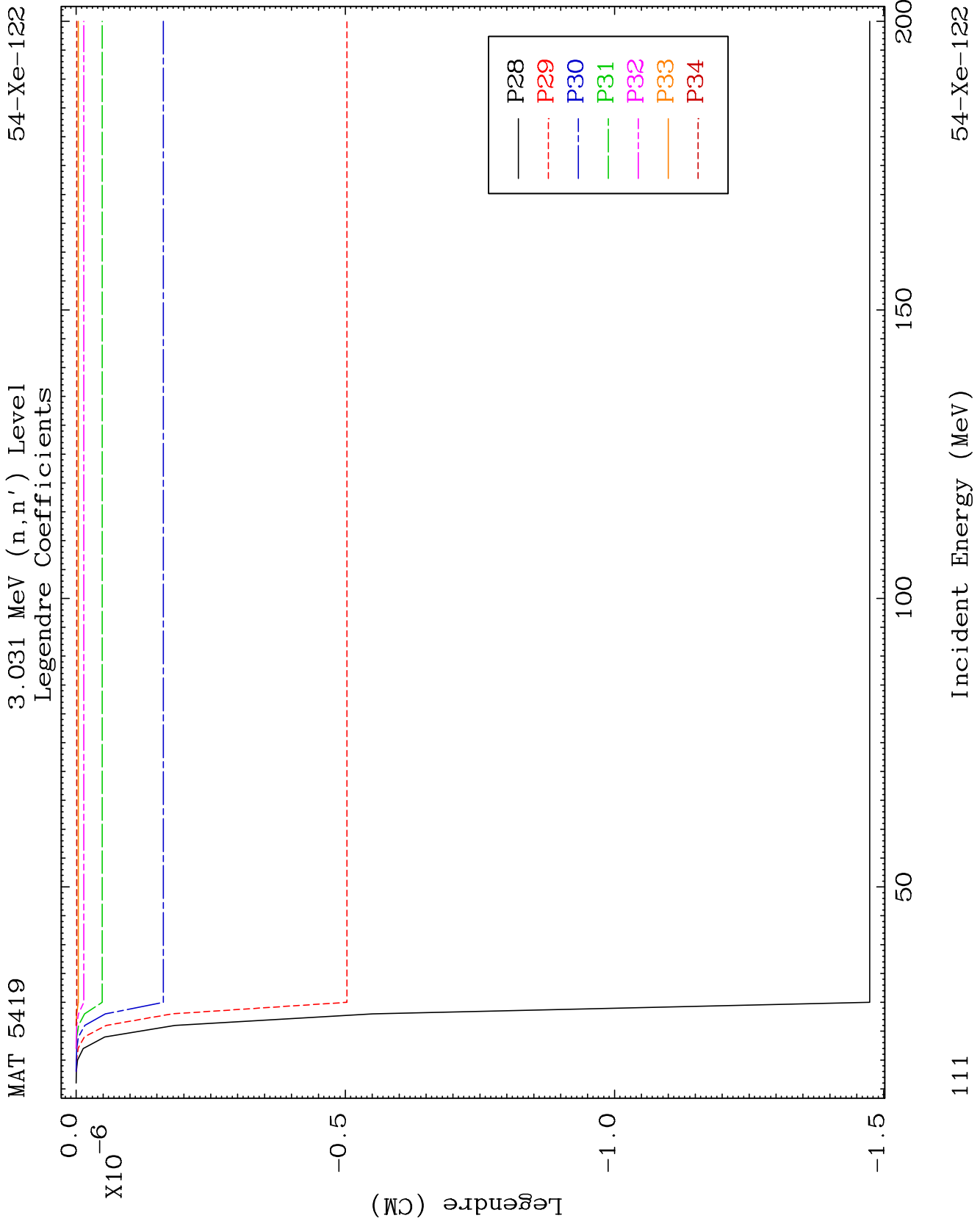
108

Incident Energy (MeV)

54-Xe-122





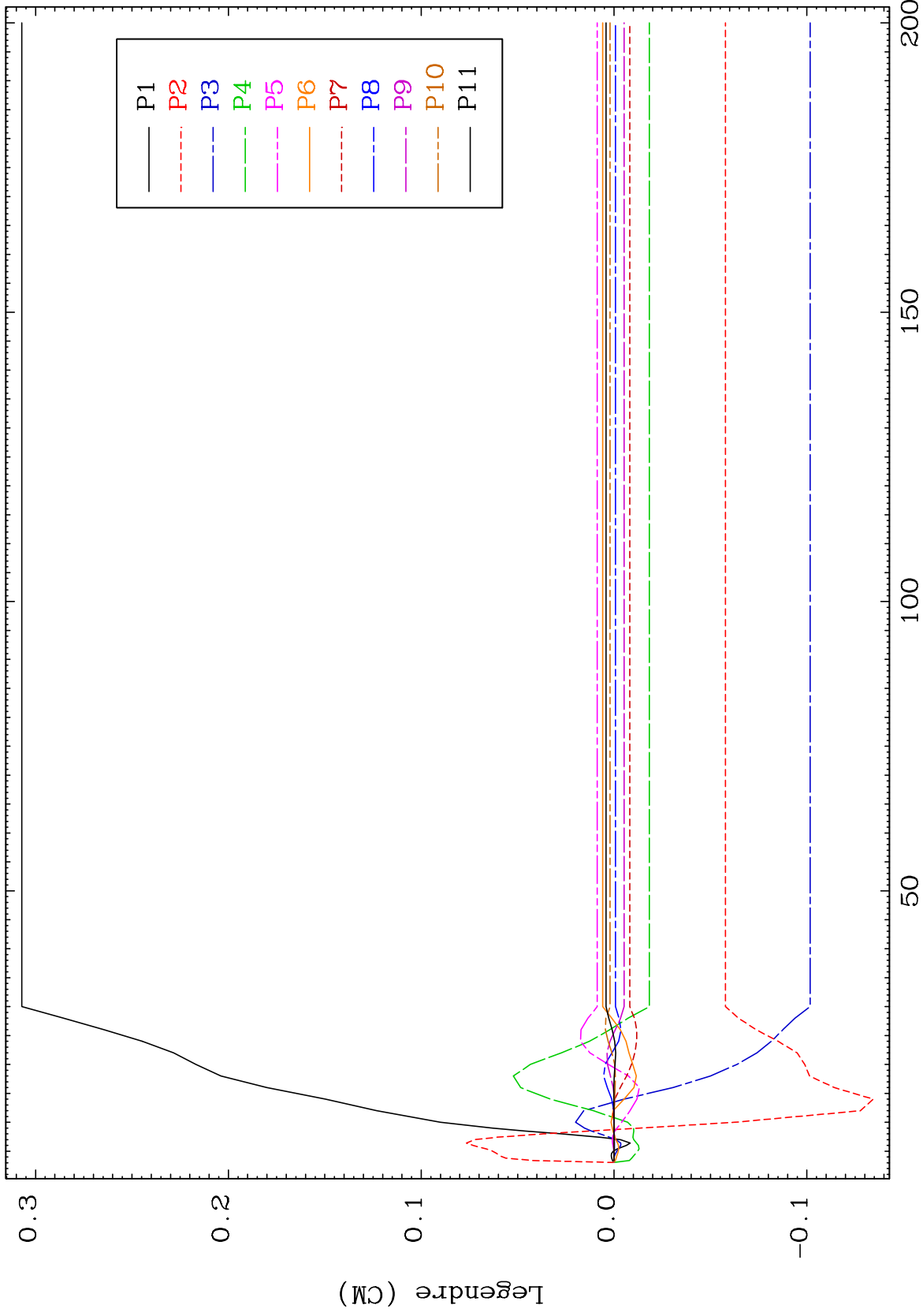




MAT 5419

3.033 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



112

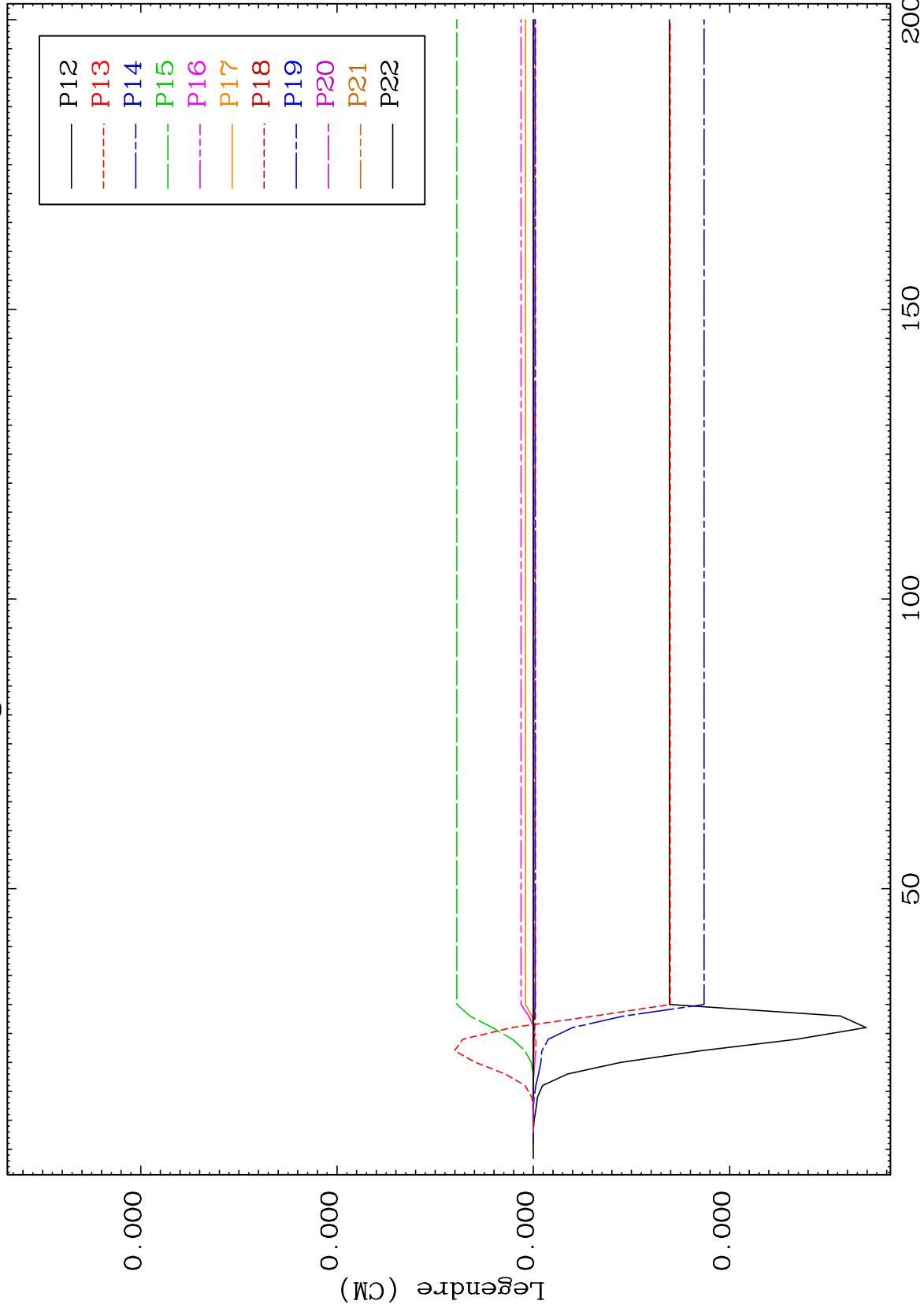
Incident Energy (MeV)

54-Xe-122

MAT 5419

3.033 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



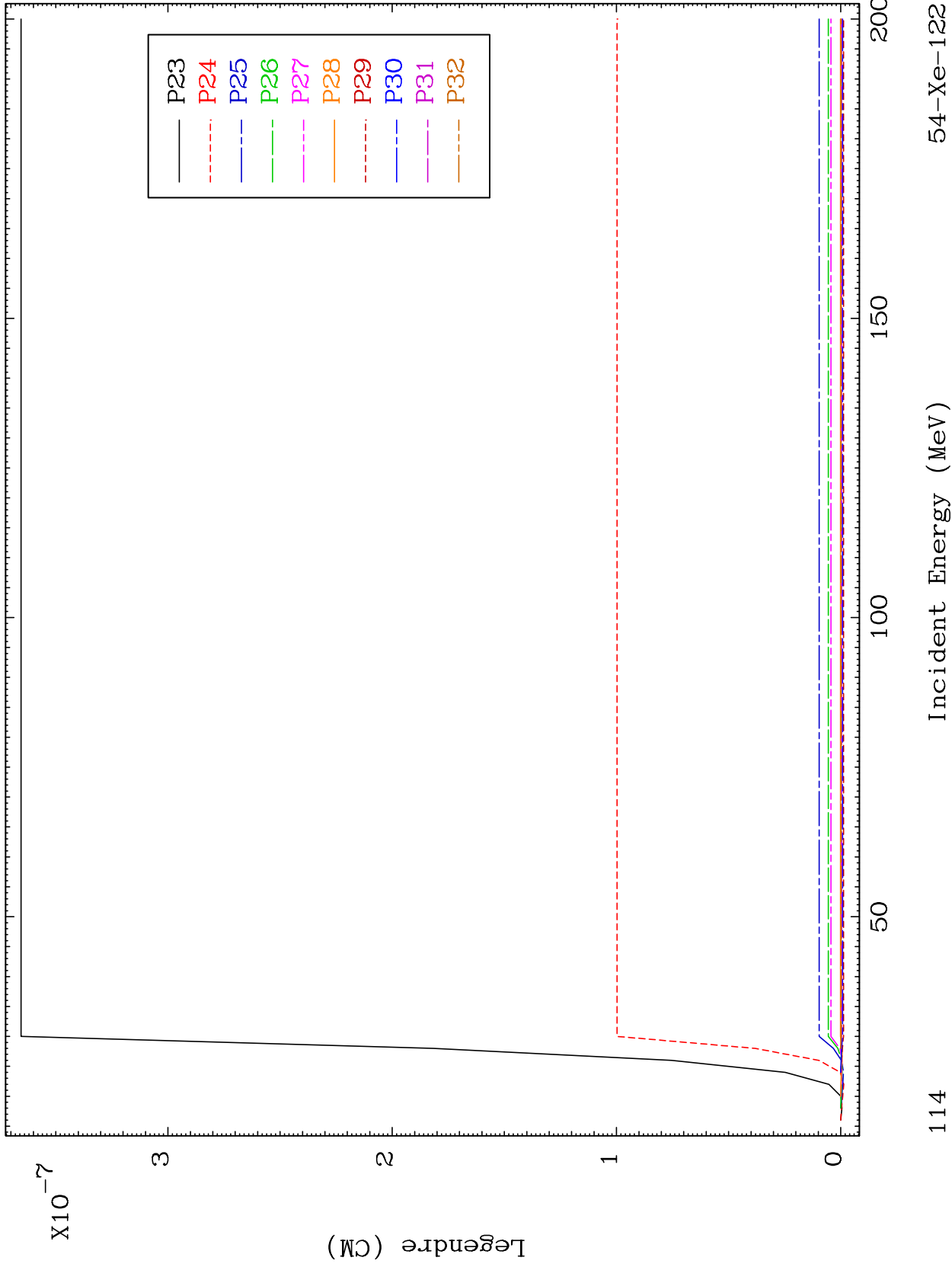
113

54-Xe-122

MAT 5419

3.033 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122

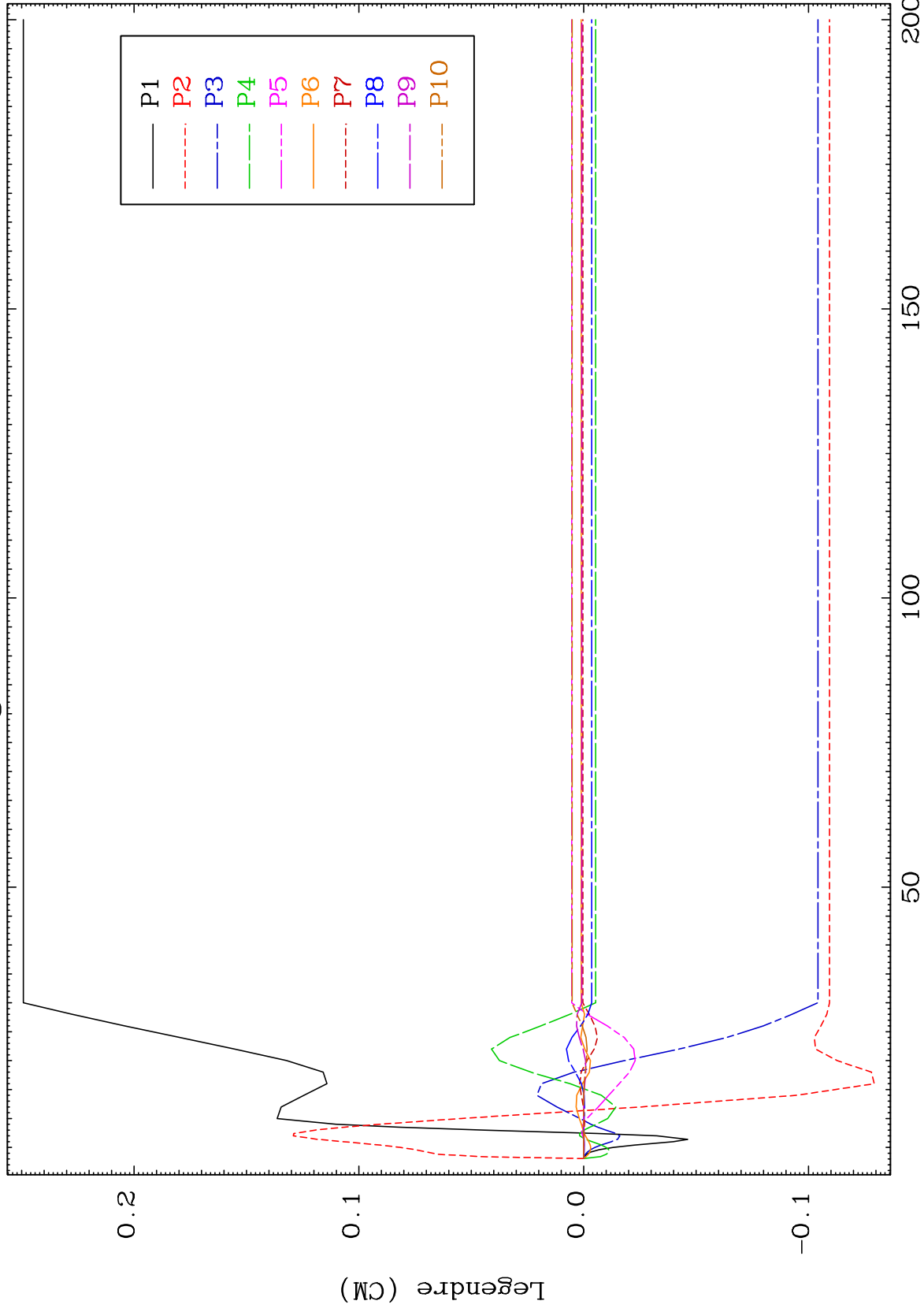


114

MAT 5419

3.040 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122



115

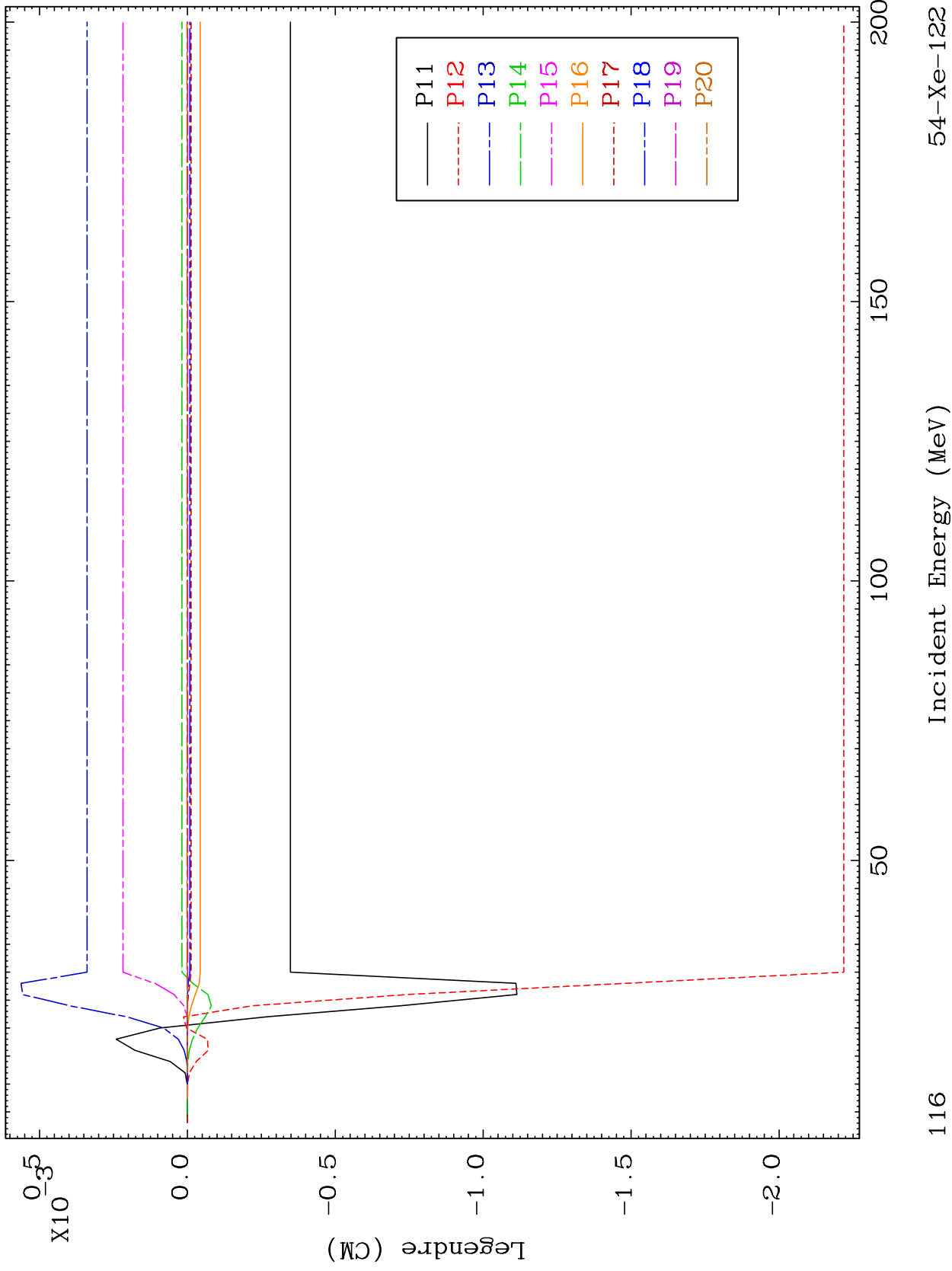
Incident Energy (MeV)

54-Xe-122

MAT 5419

3.040 MeV (n, n') Level  
Legendre Coefficients

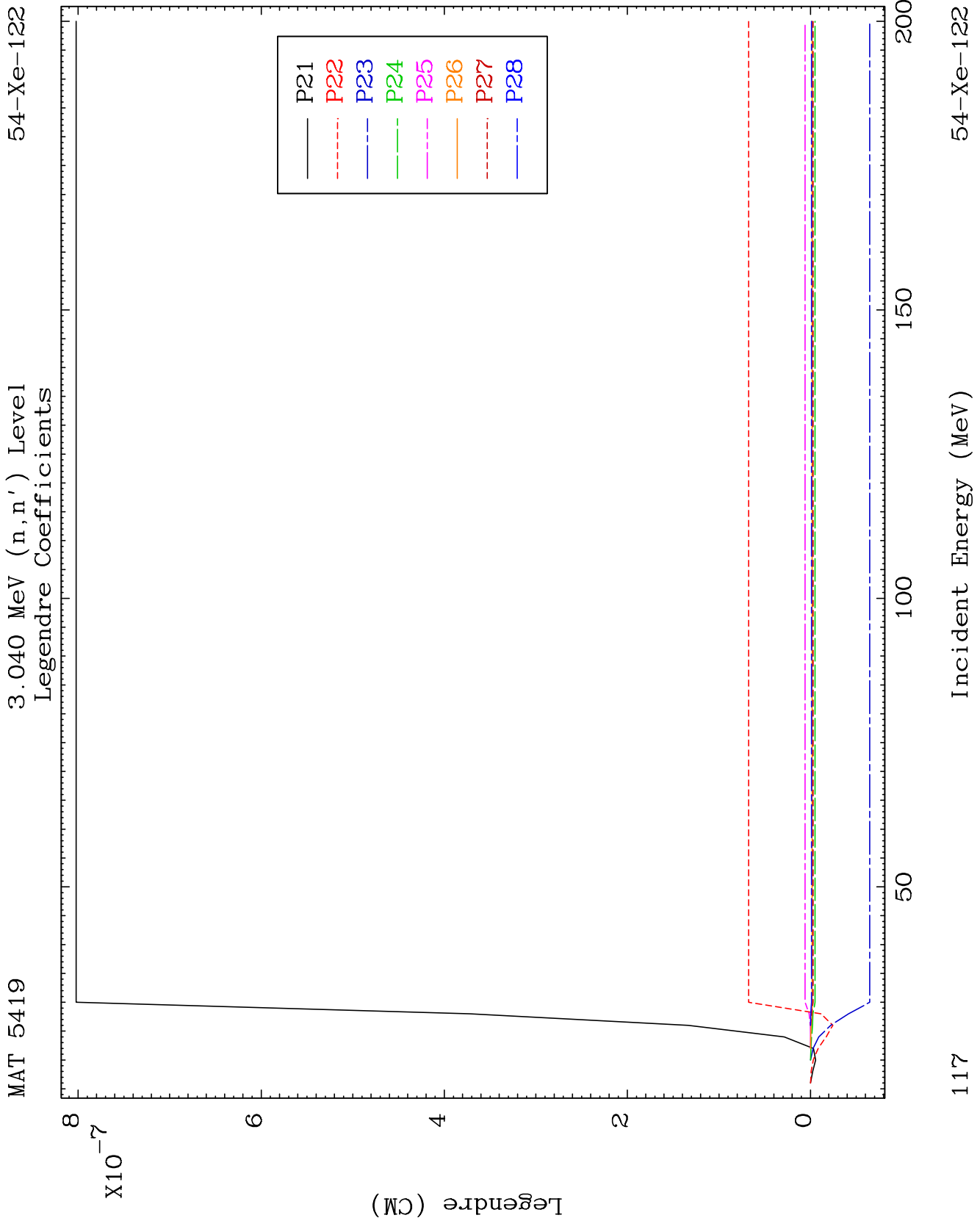
54-Xe-122



116

Incident Energy (MeV)

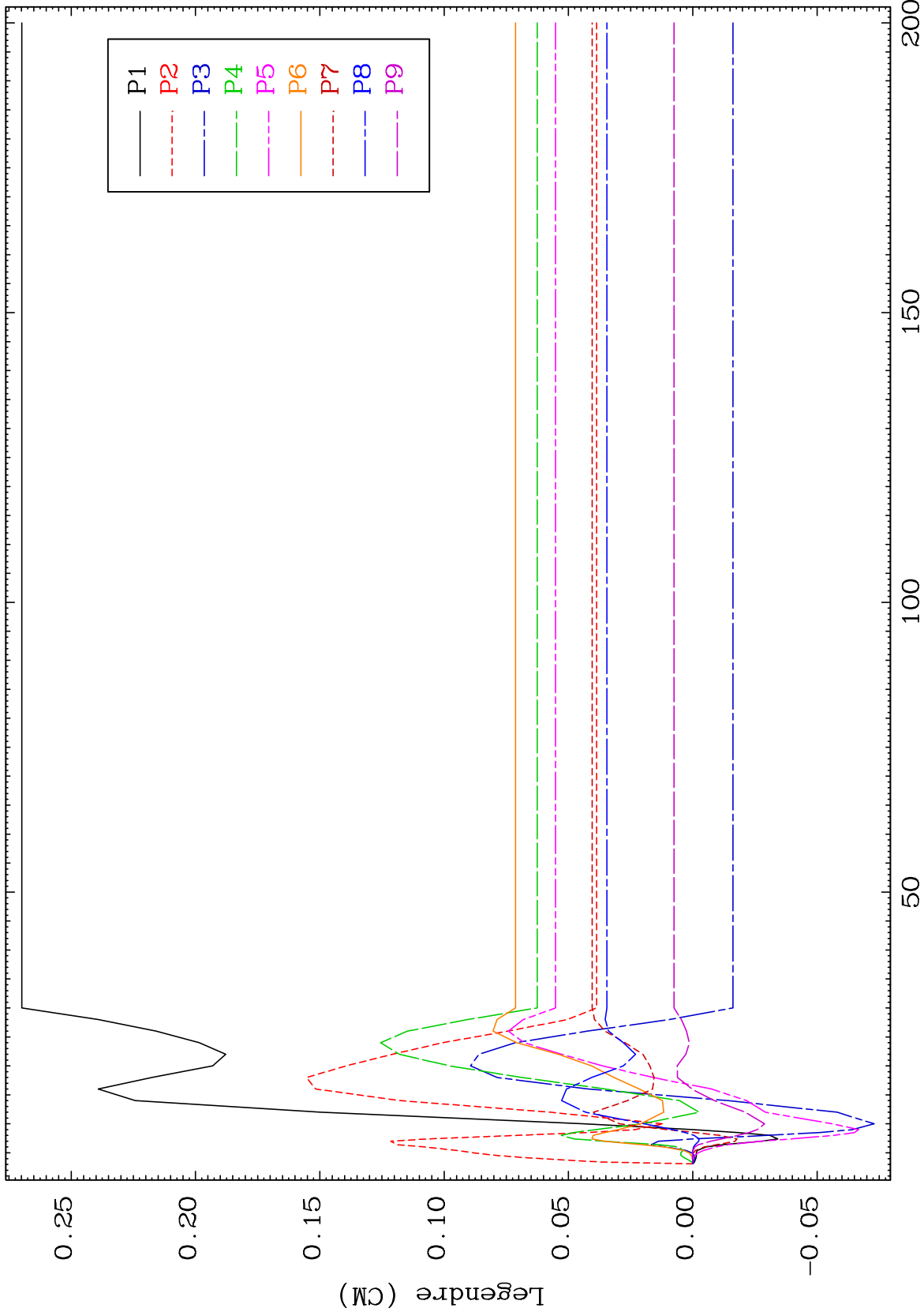
54-Xe-122



MAT 5419

3.073 MeV (n, n') Level  
Legendre Coefficients

54-Xe-122



118

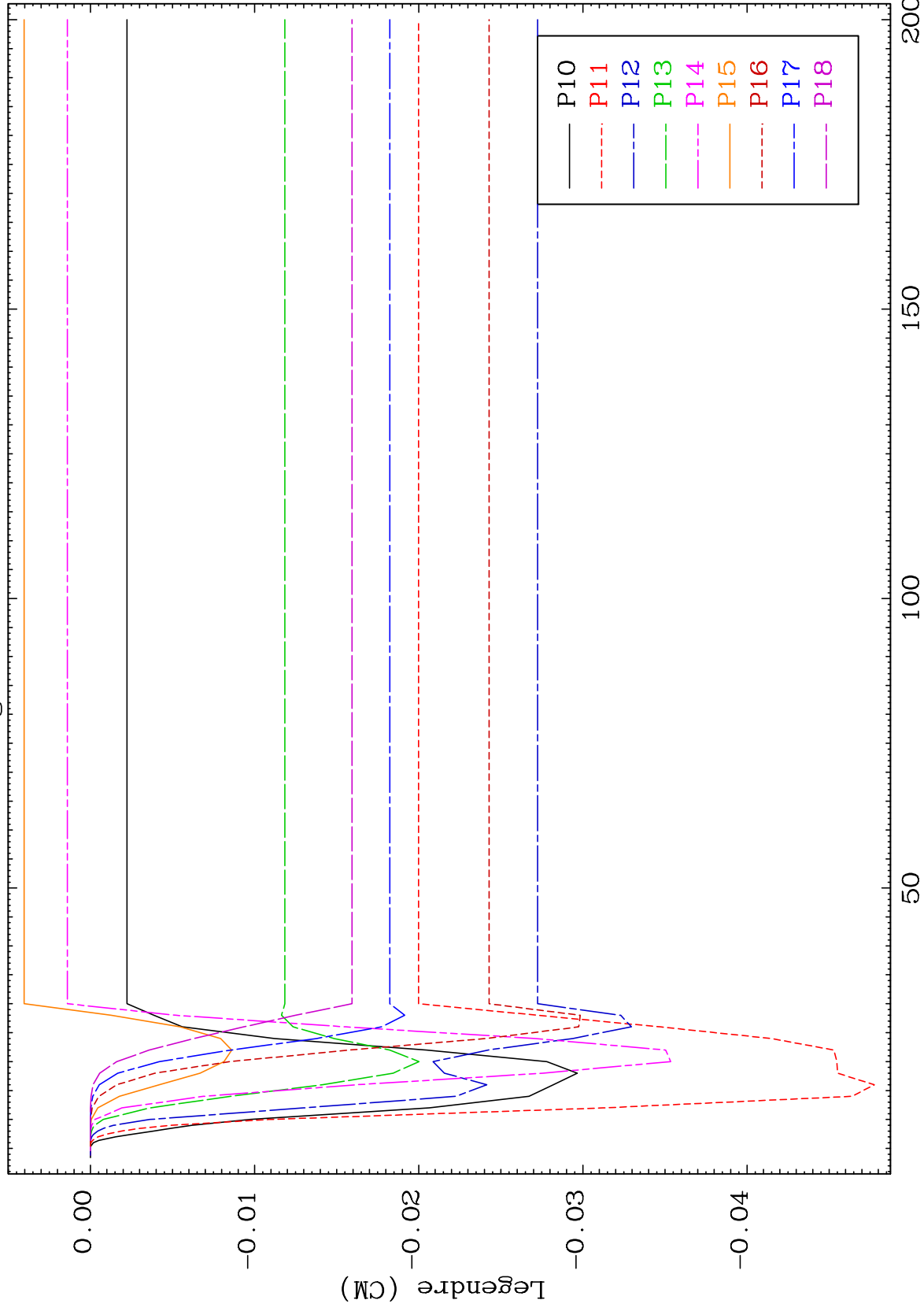
Incident Energy (MeV)

54-Xe-122

MAT 5419

3.073 MeV (n,n') Level  
Legendre Coefficients

54-Xe-122

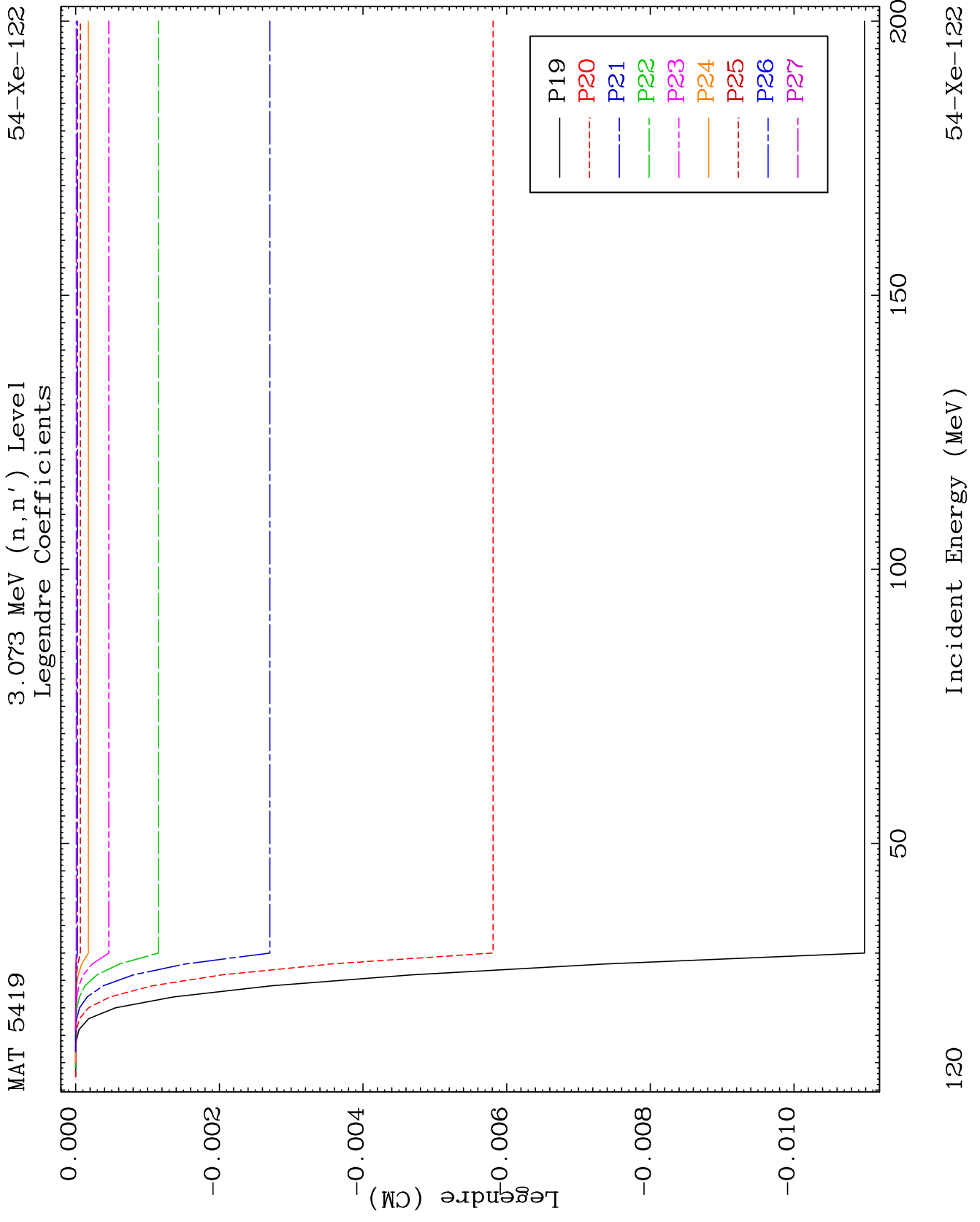


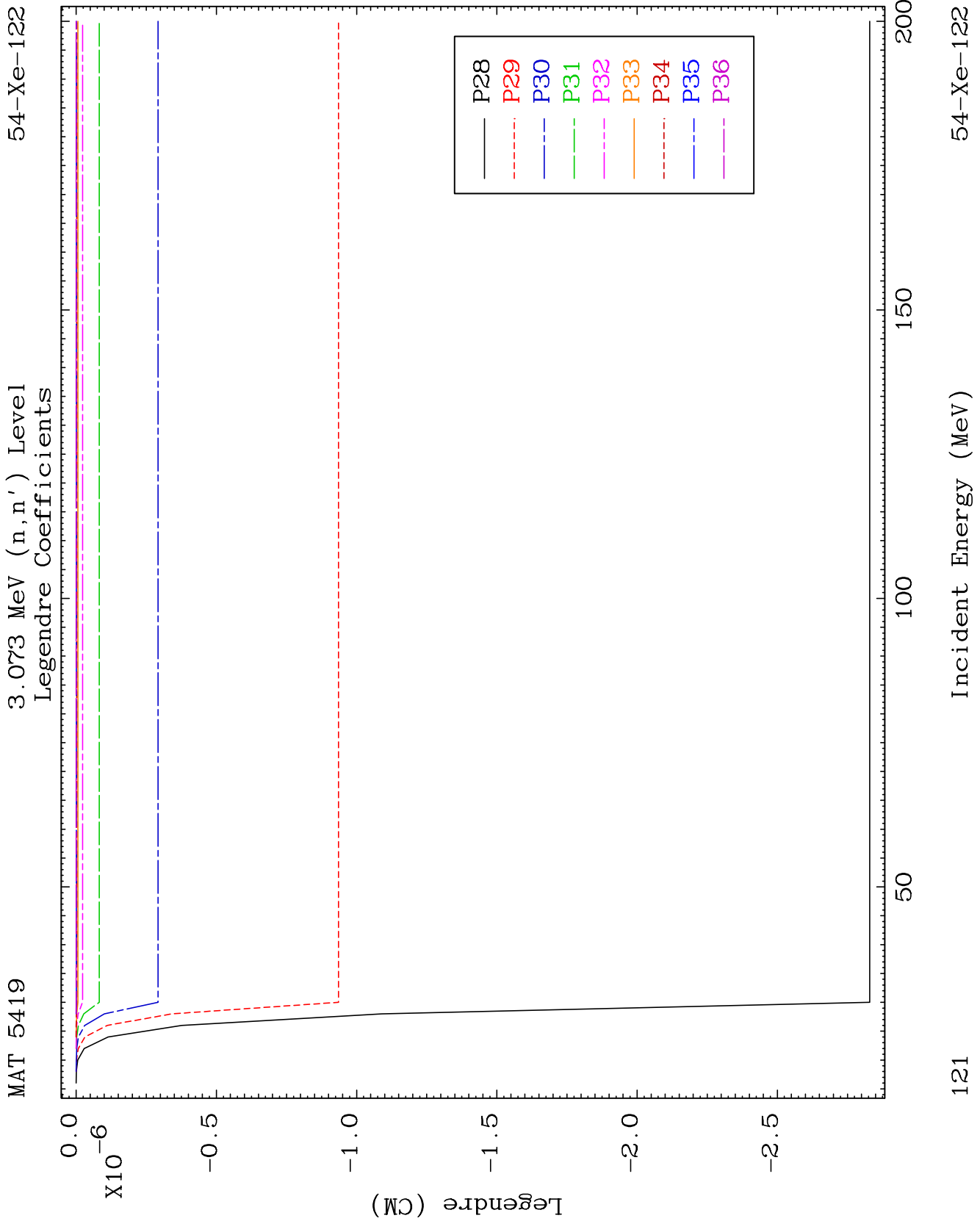
119

Incident Energy (MeV)

54-Xe-122





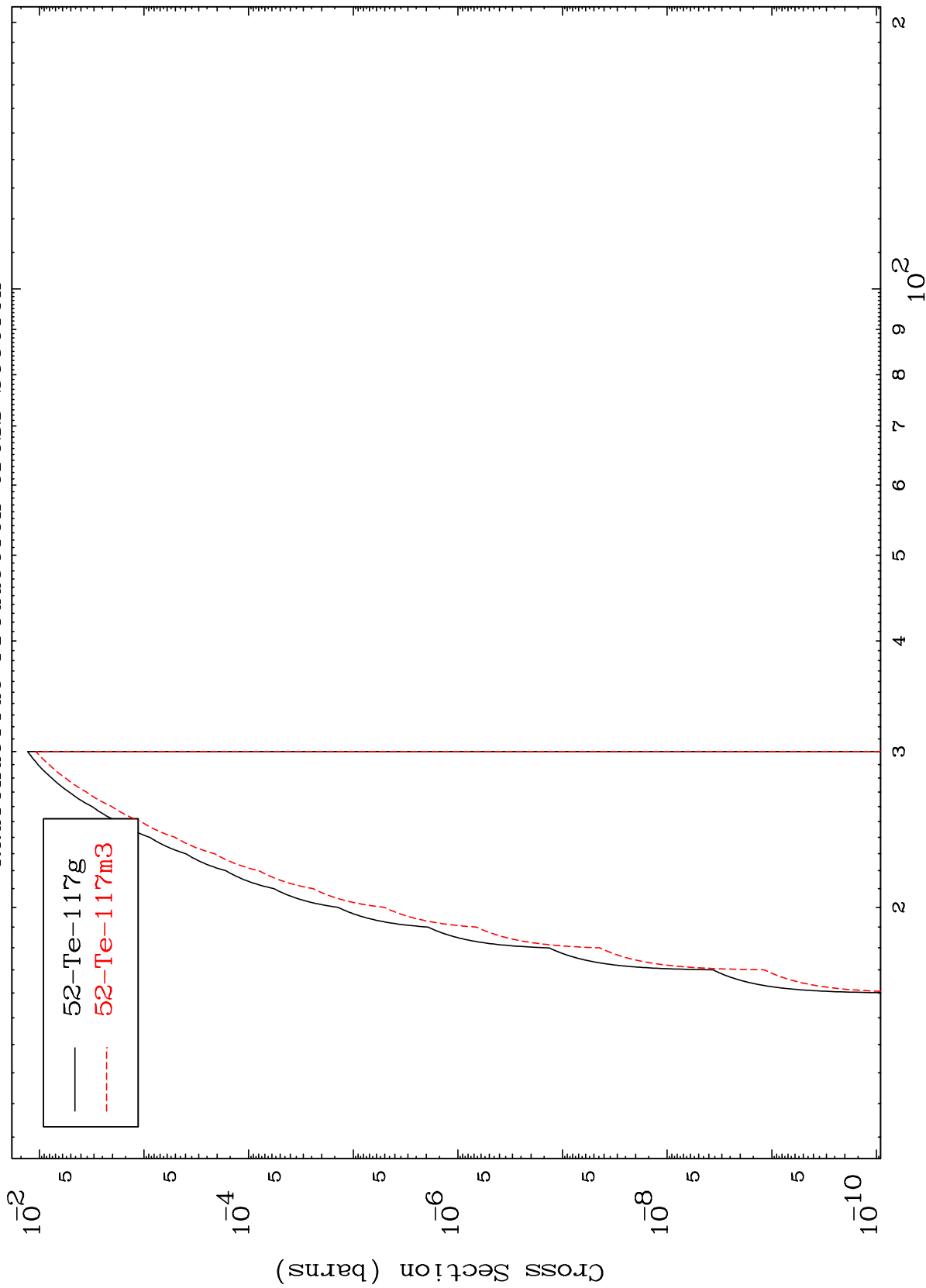


MAT 5419

(n,2n)  $\alpha$

54-Xe-122

Radionuclide Production Cross Section



122

Incident Energy (MeV)

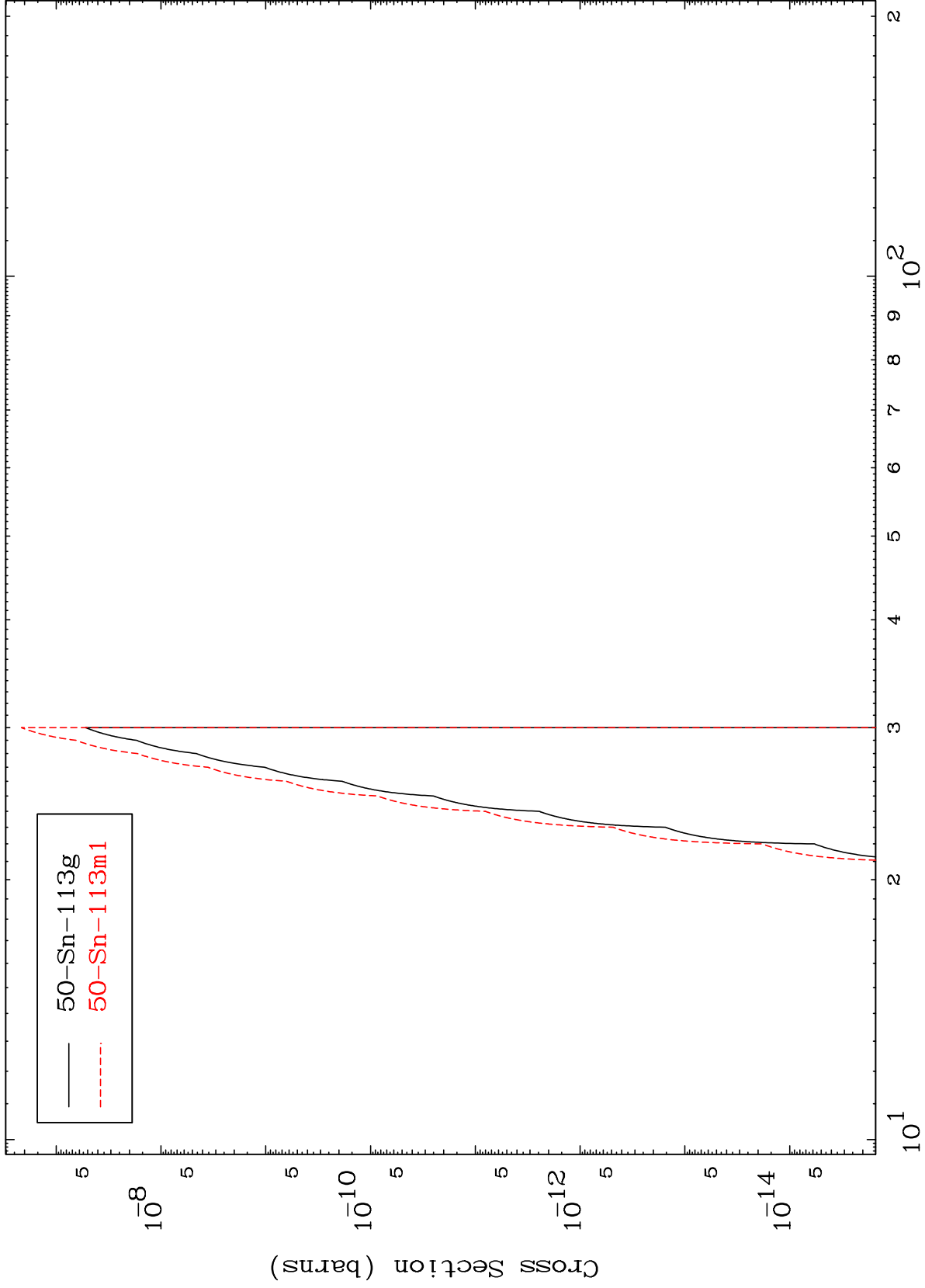
54-Xe-122

MAT 5419

(n,2n) 2α

54-Xe-122

Radionuclide Production Cross Section



123

Incident Energy (MeV)

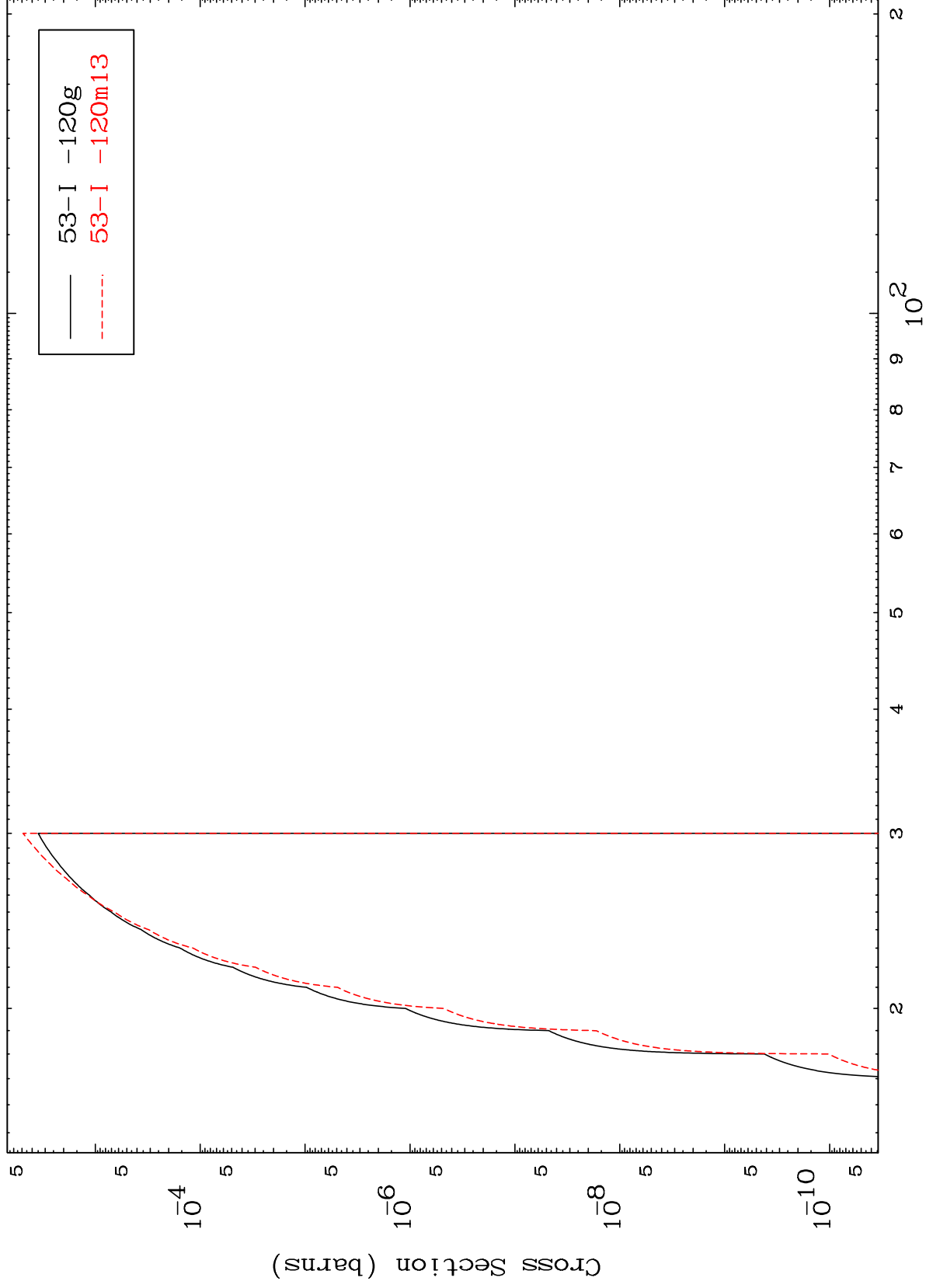
54-Xe-122

MAT 5419

(n,n') d

54-Xe-122

Radionuclide Production Cross Section



124

Incident Energy (MeV)

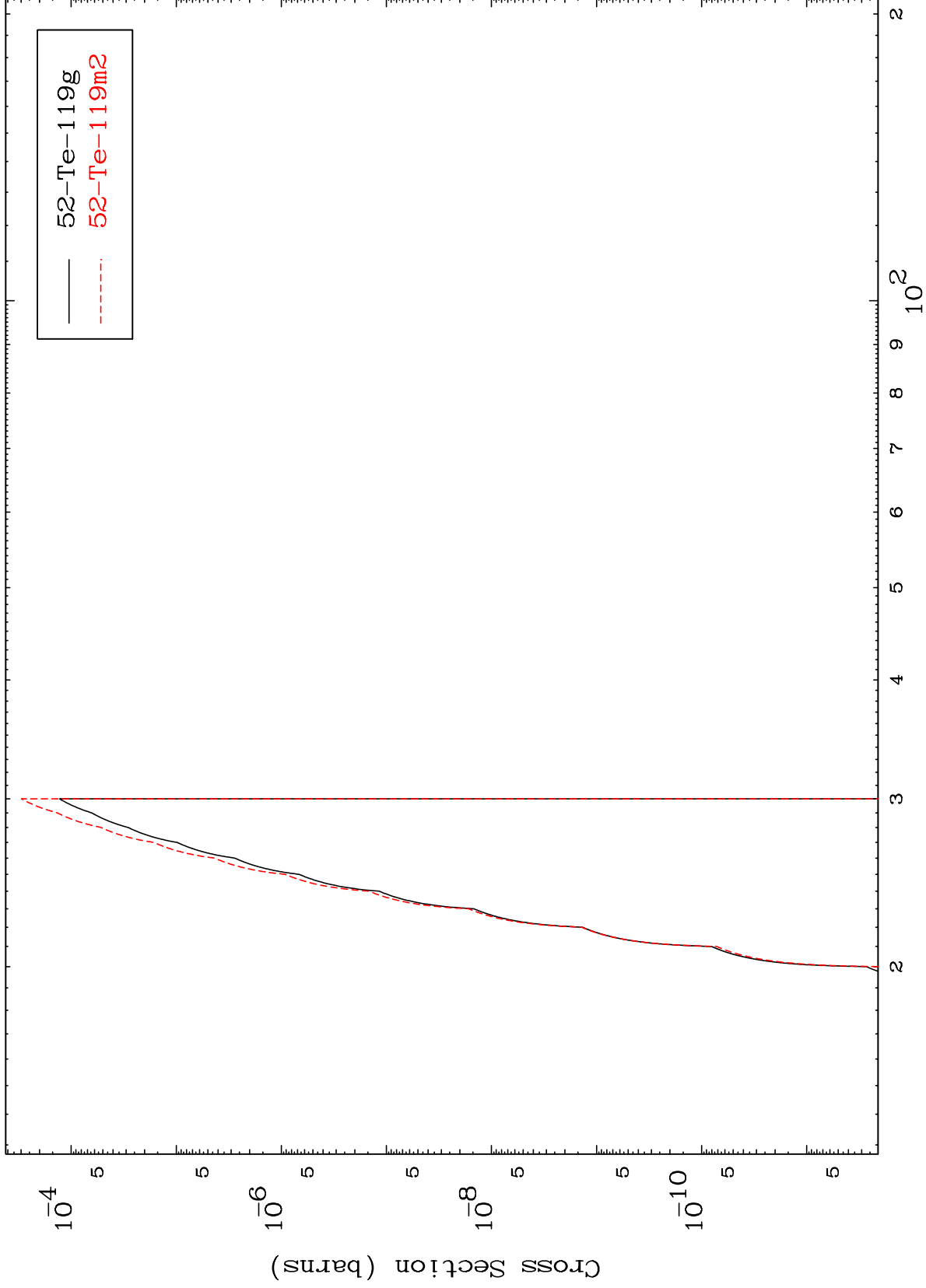
54-Xe-122

MAT 5419

(n,n') He-3

54-Xe-122

Radionuclide Production Cross Section

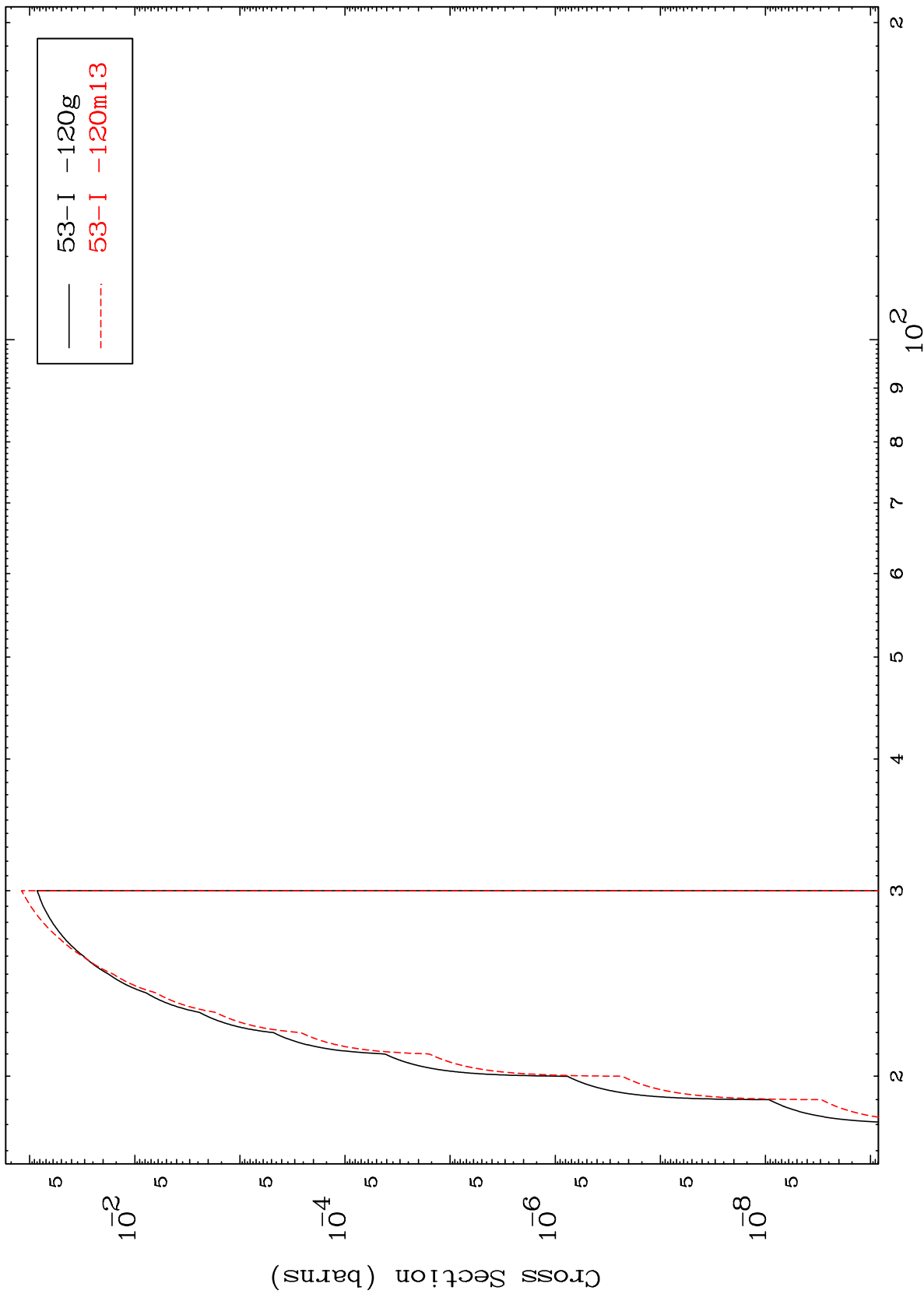


125

Incident Energy (MeV)

54-Xe-122

Radionuclide Production Cross Section

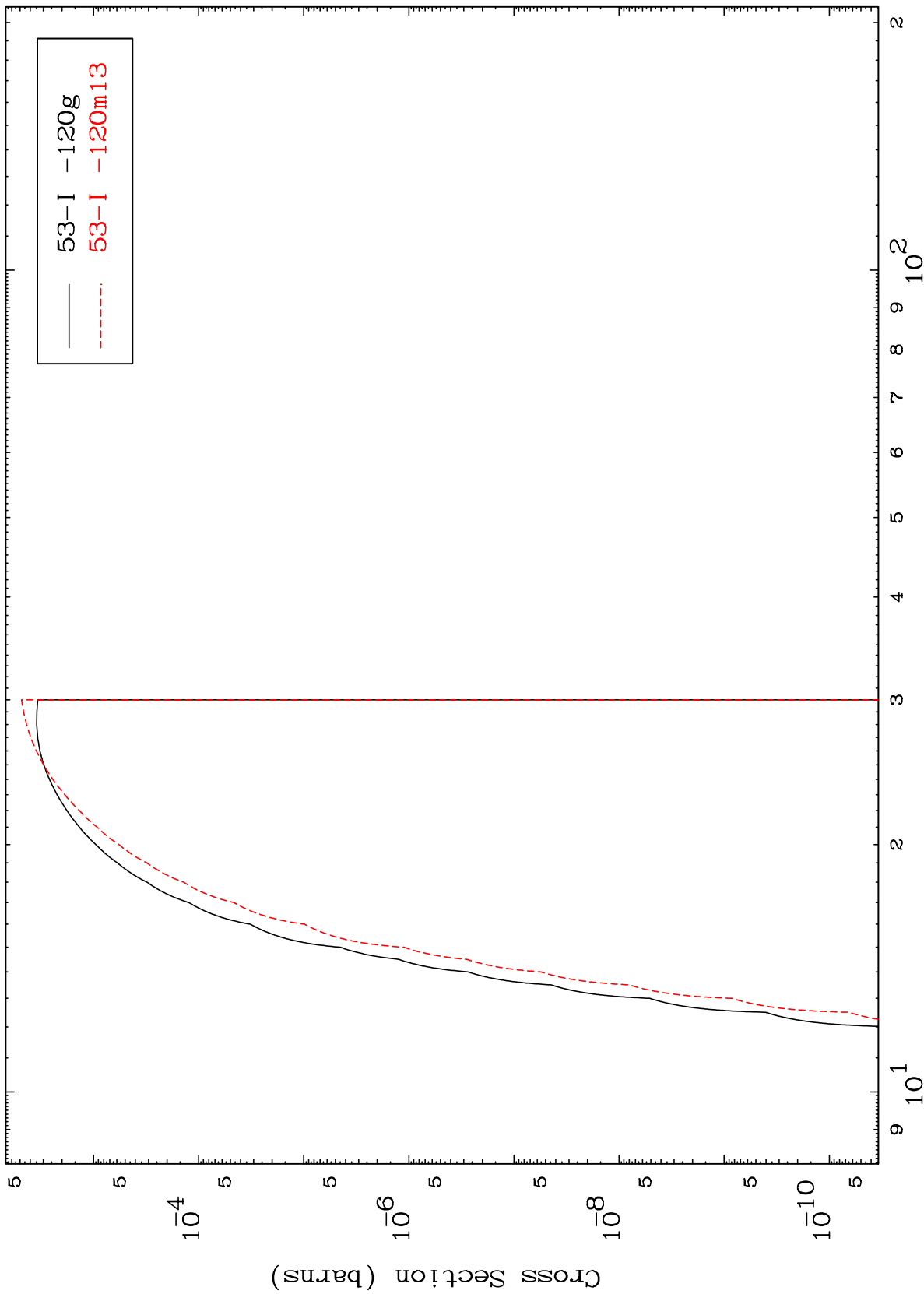


53-I -120g  
53-I -120m13

MAT 5419

54-Xe-122

(n,t)  
Radionuclide Production Cross Section



127

Incident Energy (MeV)

54-Xe-122

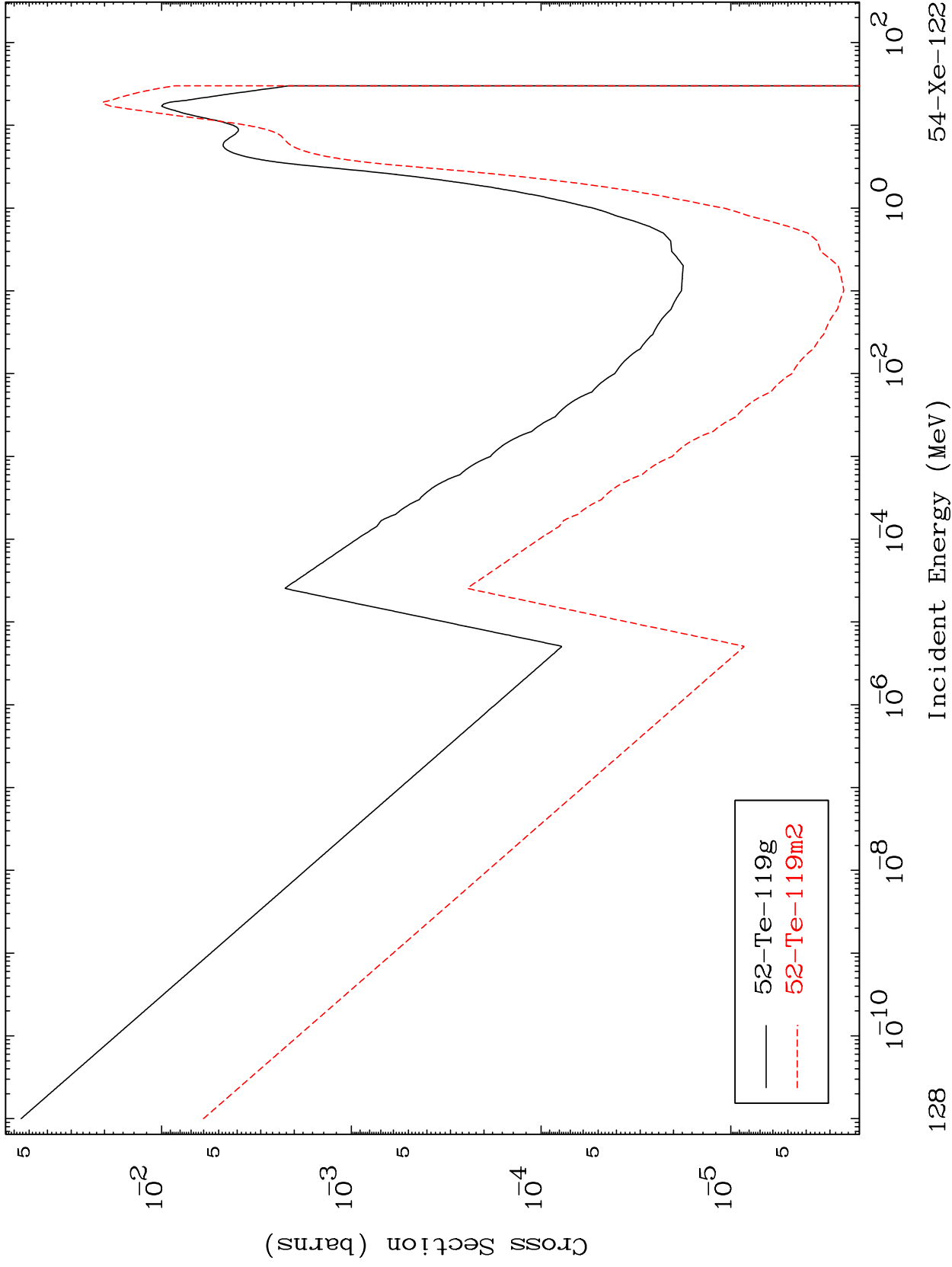


MAT 5419

54-Xe-122

Radionuclide Production Cross Section

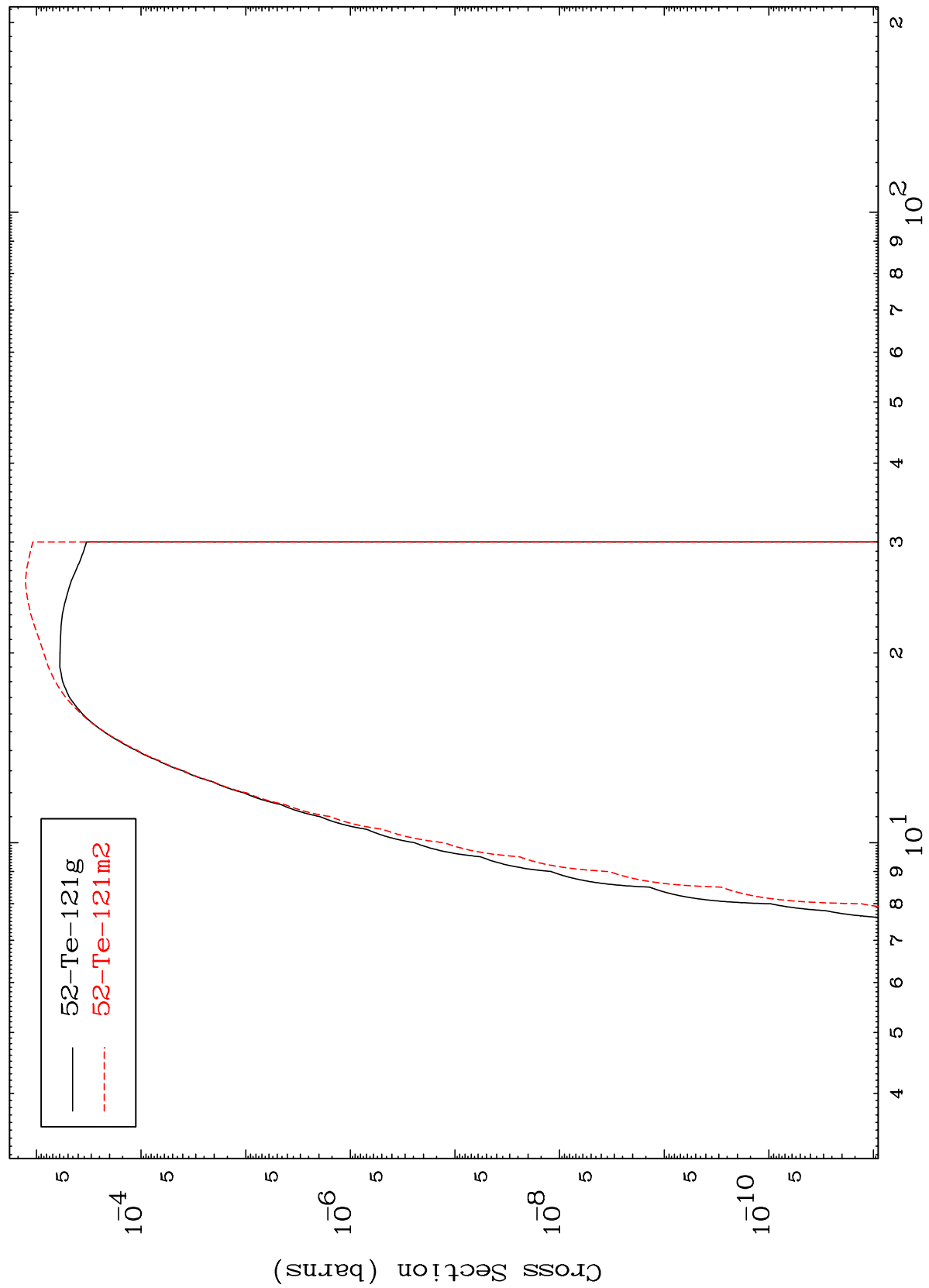
(n,  $\alpha$ )



MAT 5419

54-Xe-122

Radionuclide Production Cross Section (n,2p)



129

Incident Energy (MeV)

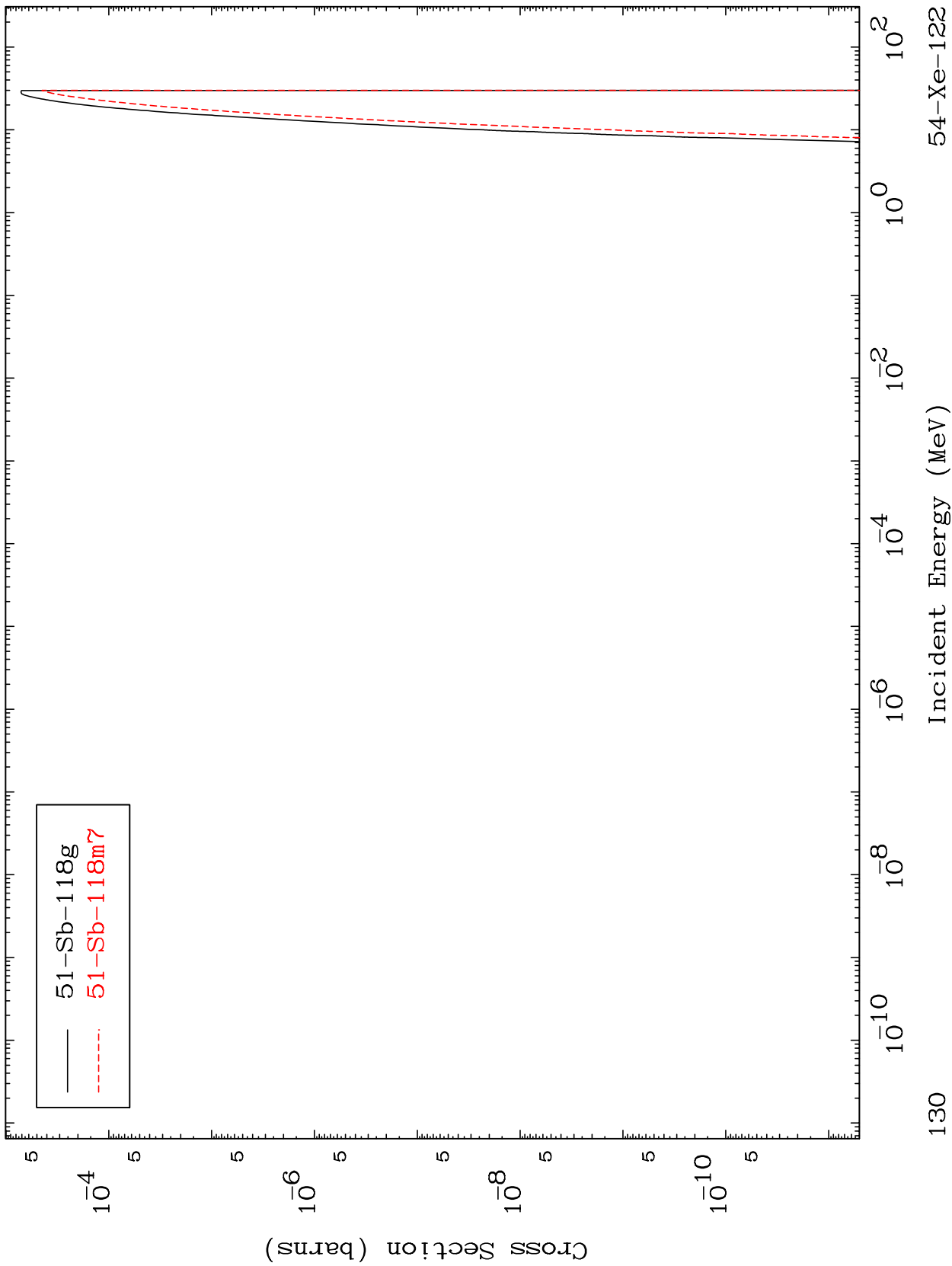
54-Xe-122

MAT 5419

(n,p)  $\alpha$

54-Xe-122

Radionuclide Production Cross Section

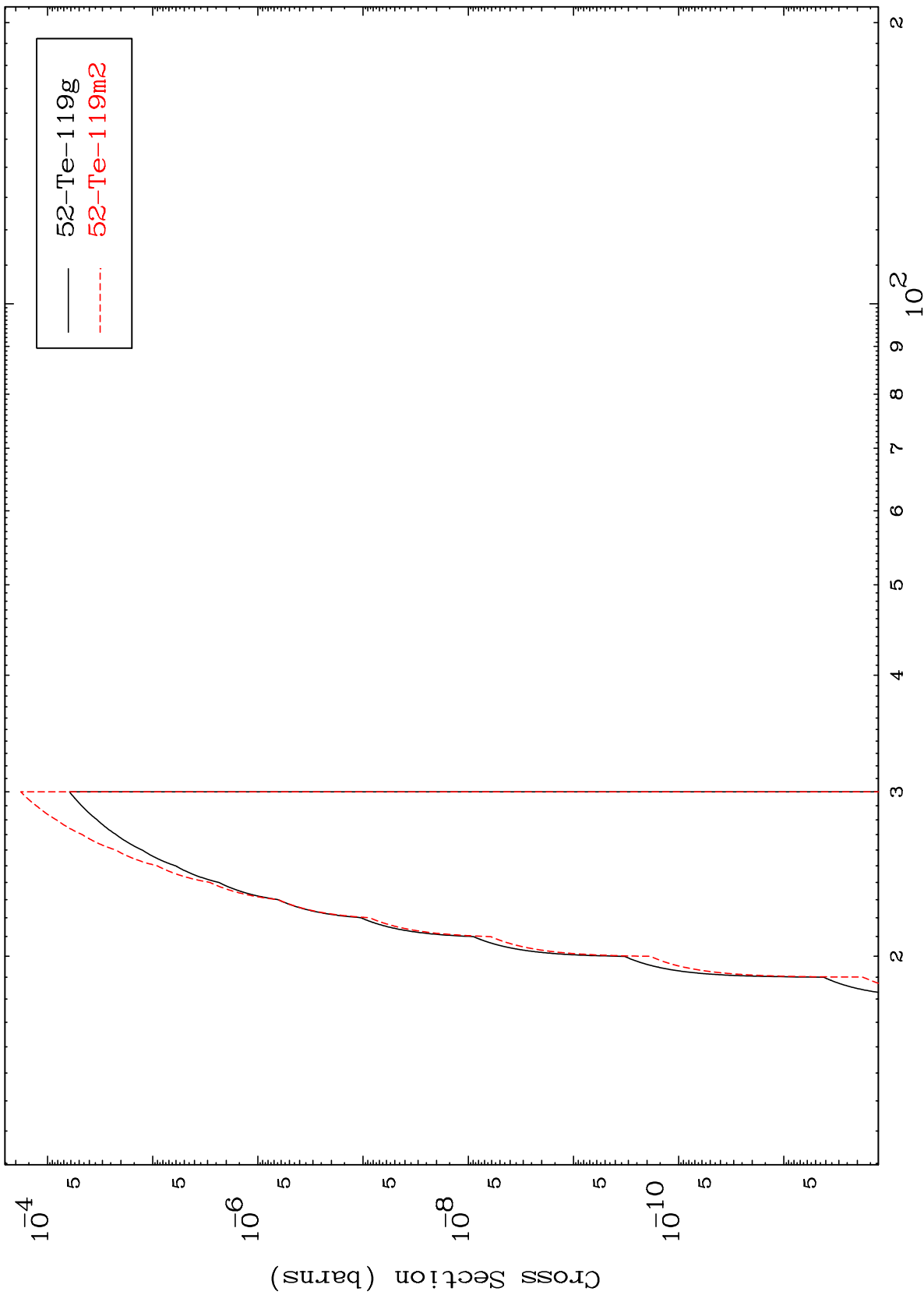


MAT 5419

(n,p) t

54-Xe-122

Radionuclide Production Cross Section



131

Incident Energy (MeV)

54-Xe-122