

Program EVALPLOT
(Version 2015-2)

by

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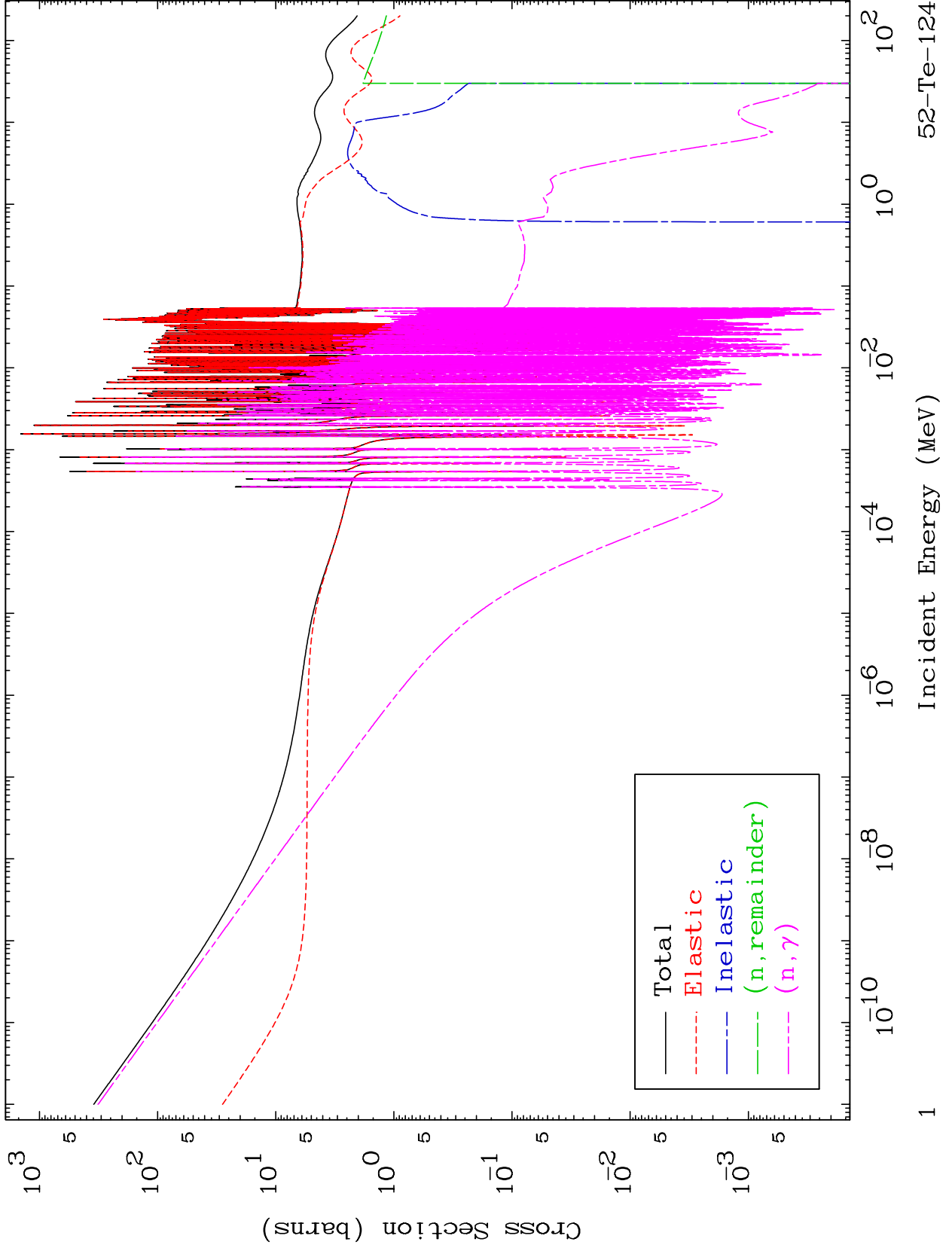
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5237

Major
293 Kelvin Cross Sections

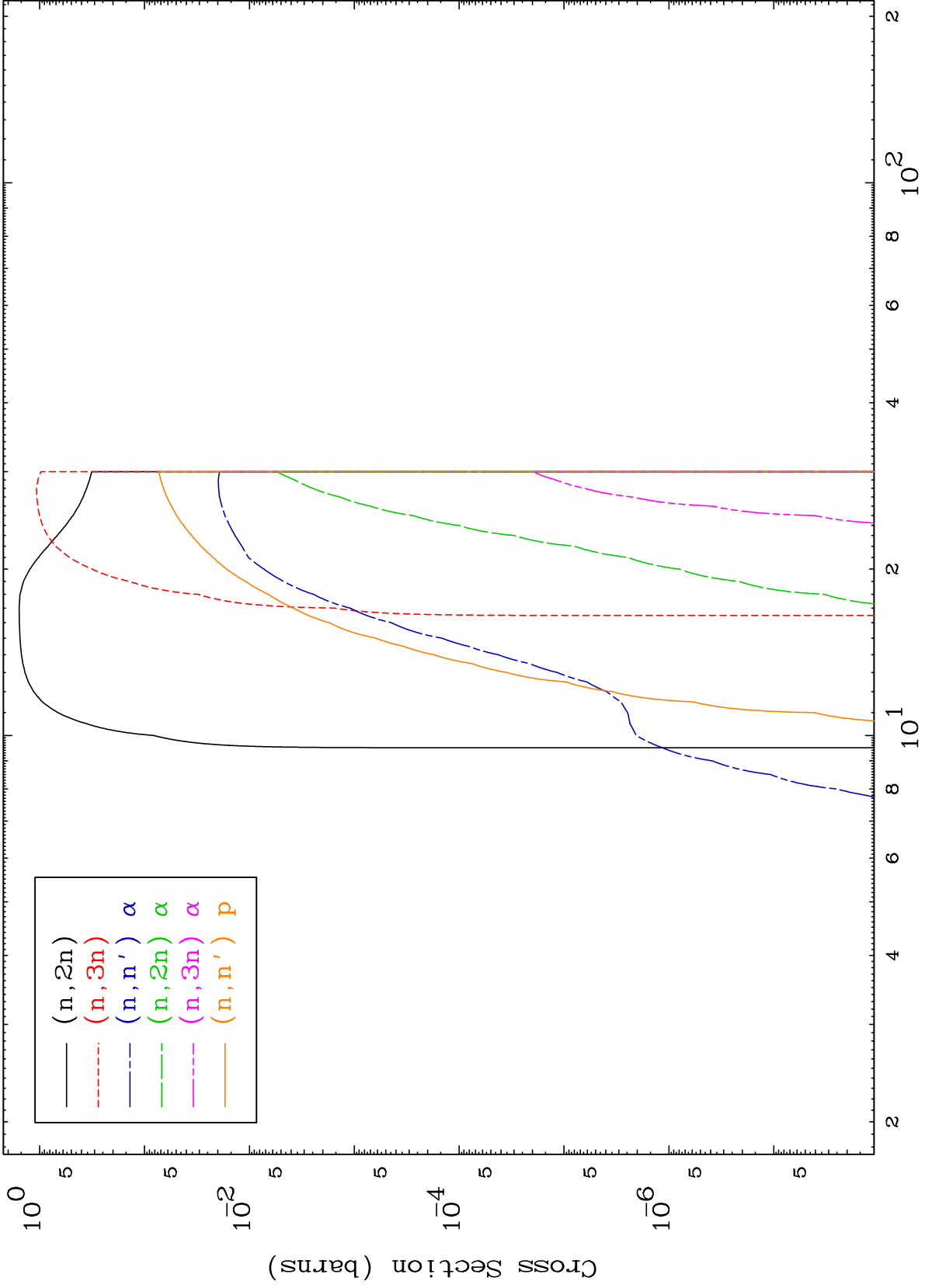
52-Te-124



MAT 5237

Neutron Production
293 Kelvin Cross Sections

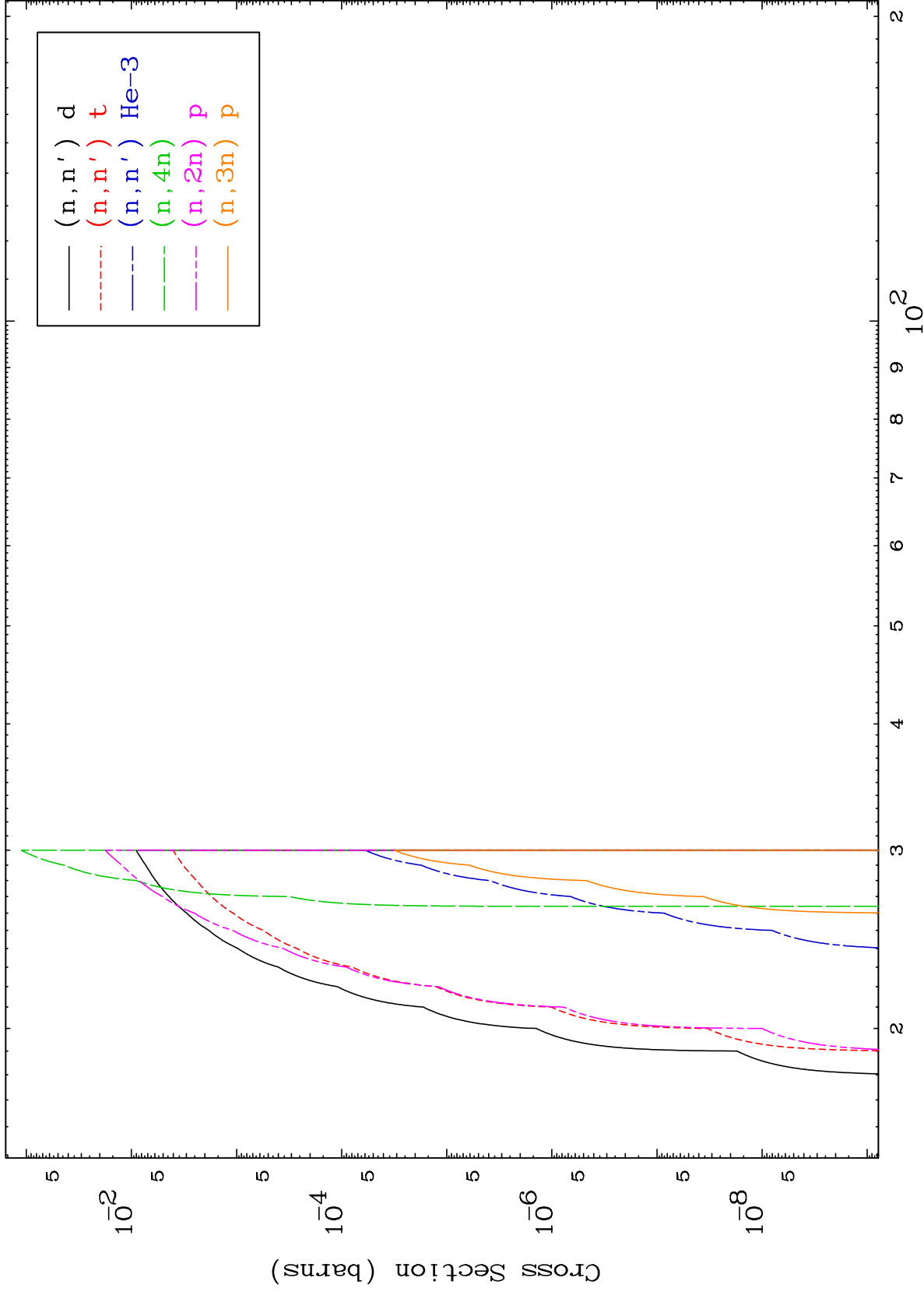
52-Te-124



2

Incident Energy (MeV)

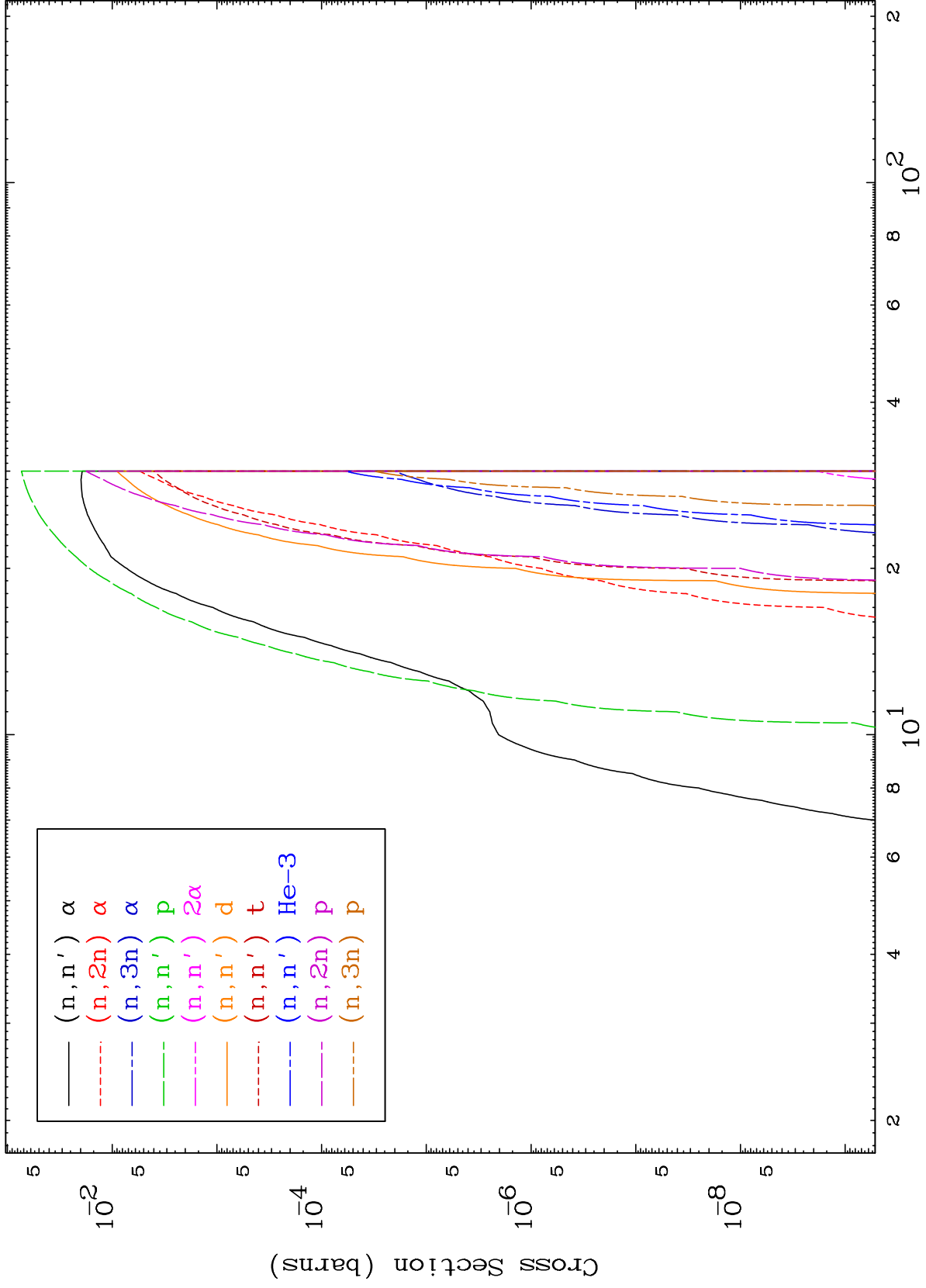
52-Te-124



MAT 5237

Charged Particle
293 Kelvin Cross Sections

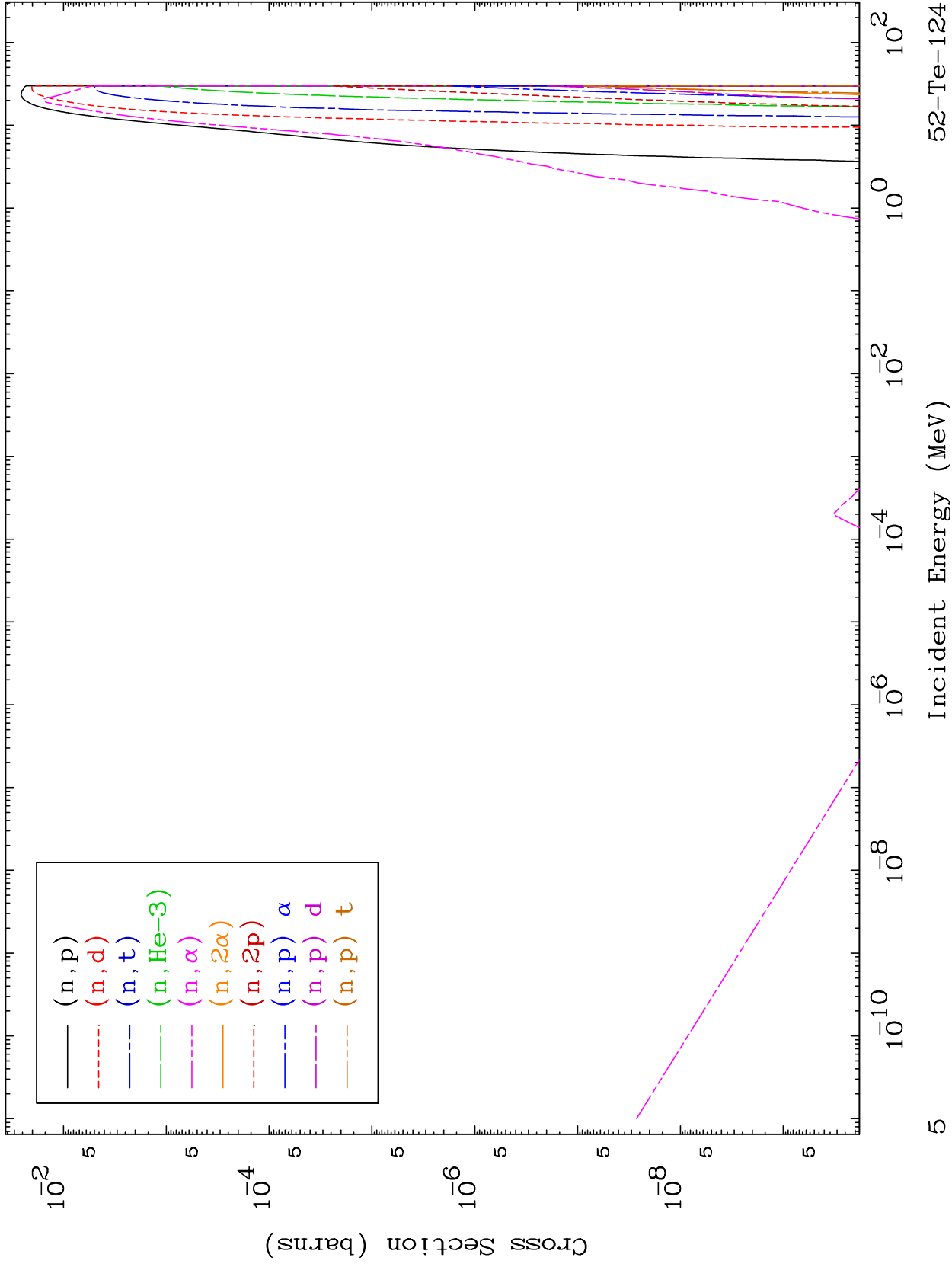
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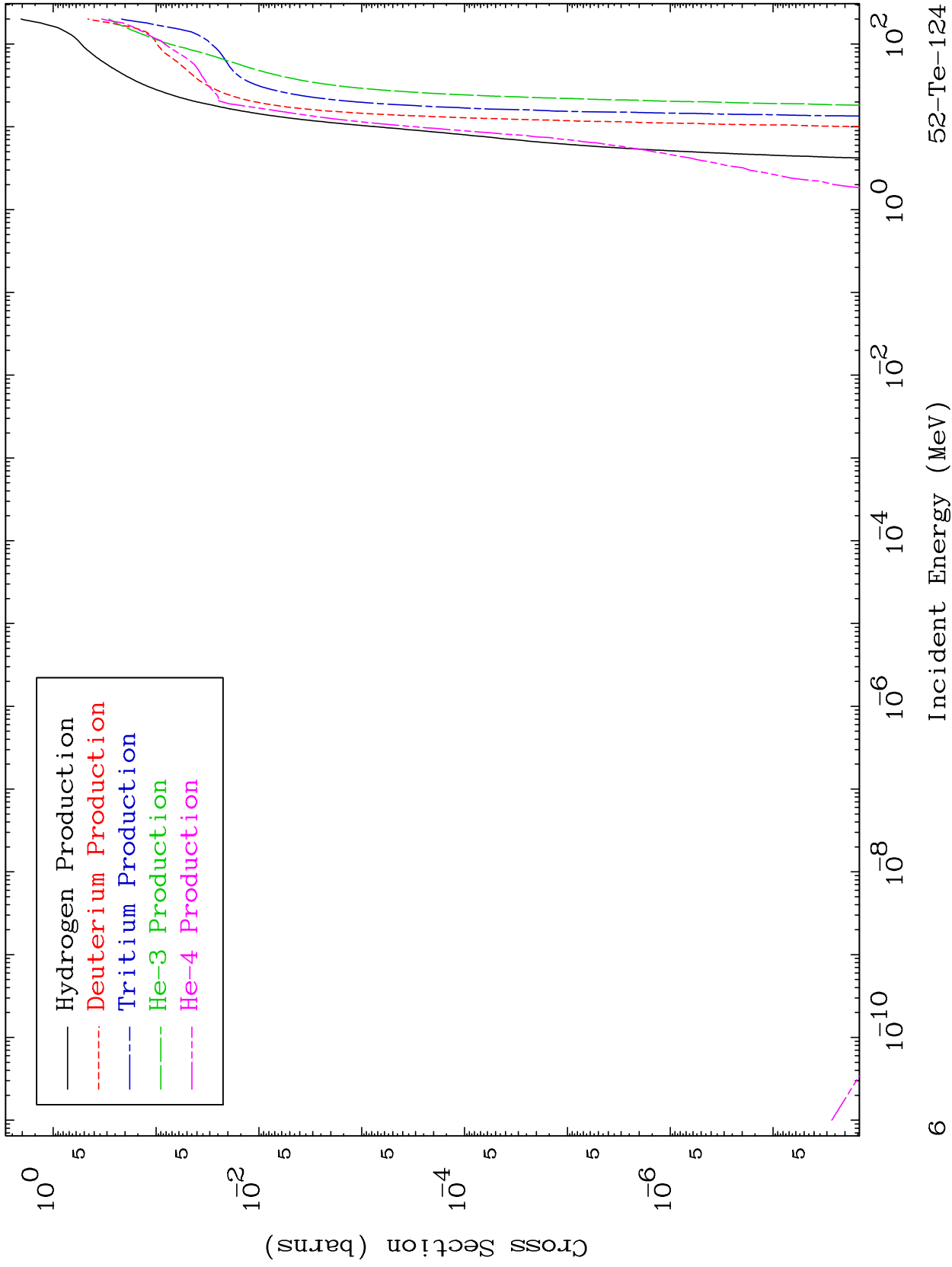


4

Incident Energy (MeV)

52-Te-124

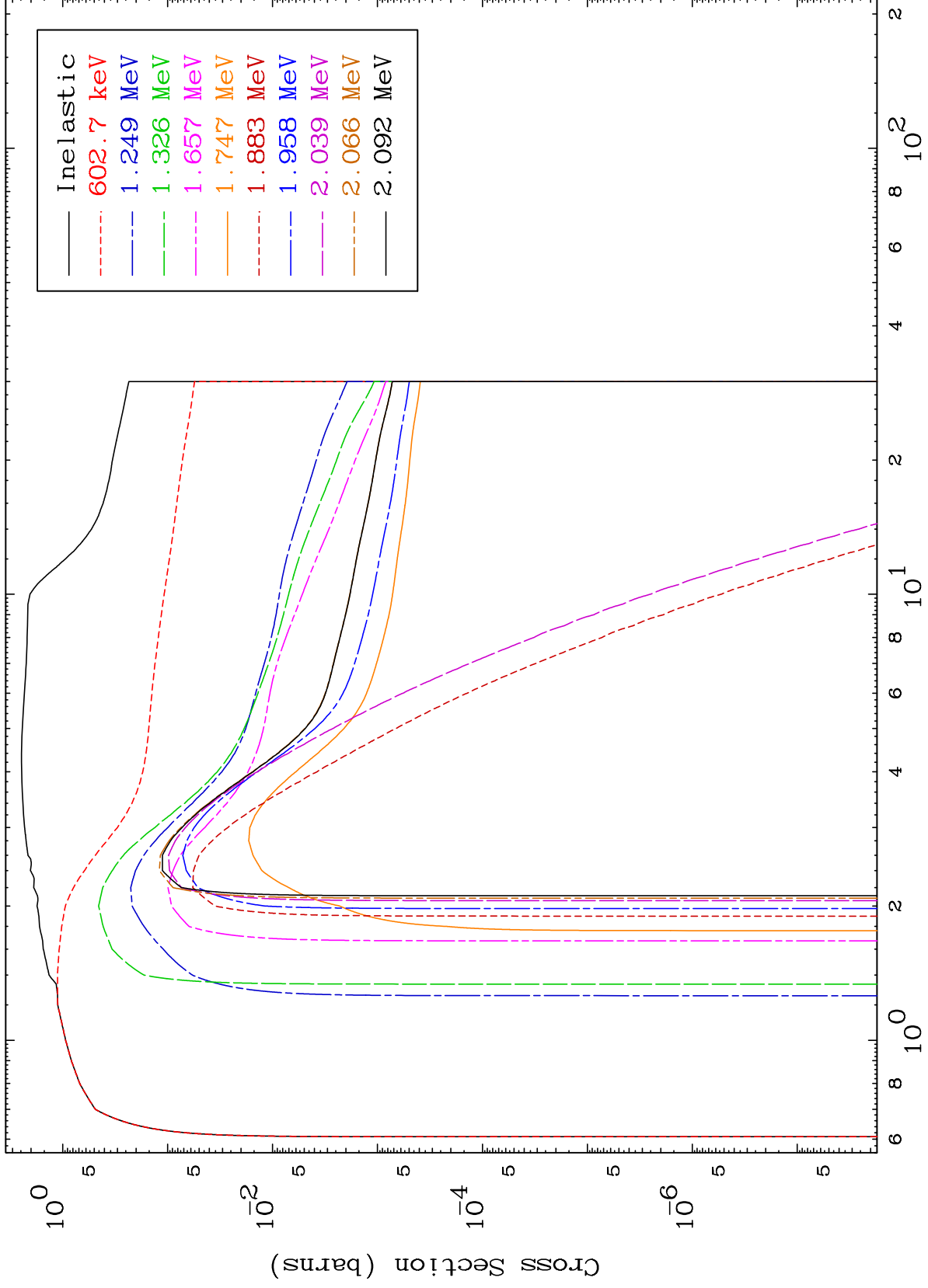




MAT 5237

(n,n') Level
293 Kelvin Cross Sections

52-Te-124



7

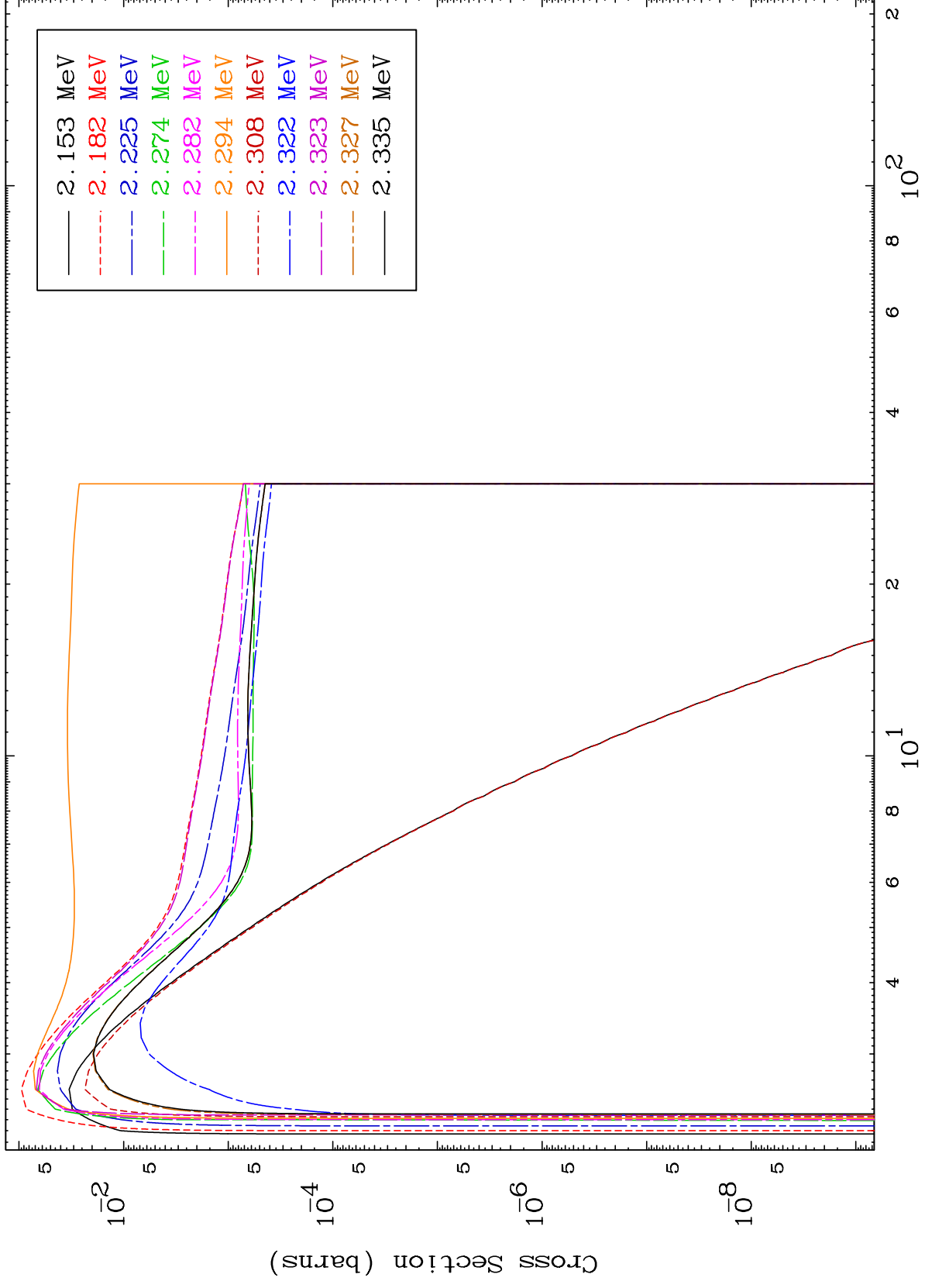
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,n') Level
293 Kelvin Cross Sections

52-Te-124



8

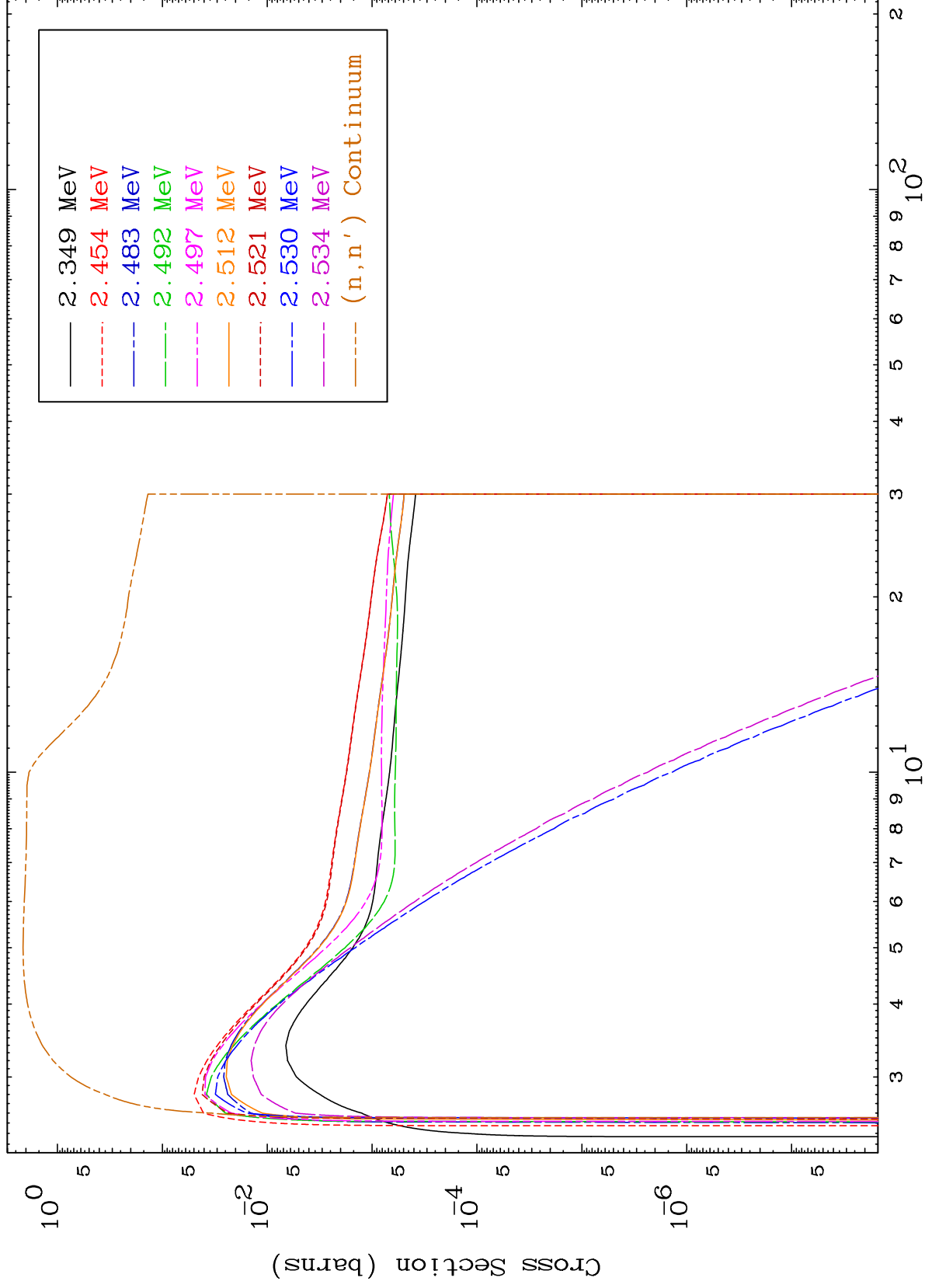
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,n') Level
293 Kelvin Cross Sections

52-Te-124



9

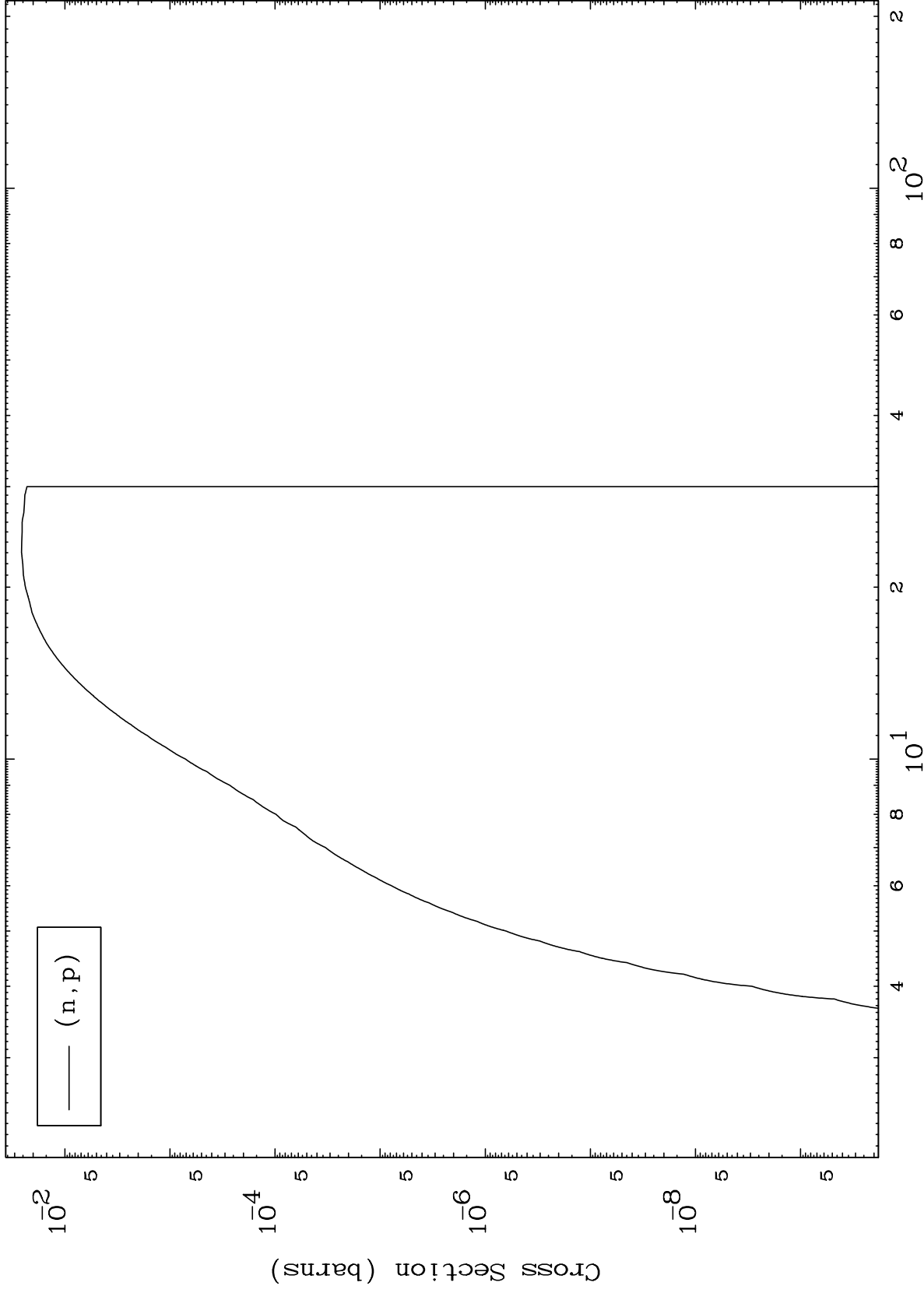
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,p) Levels
293 Kelvin Cross Sections

52-Te-124



10

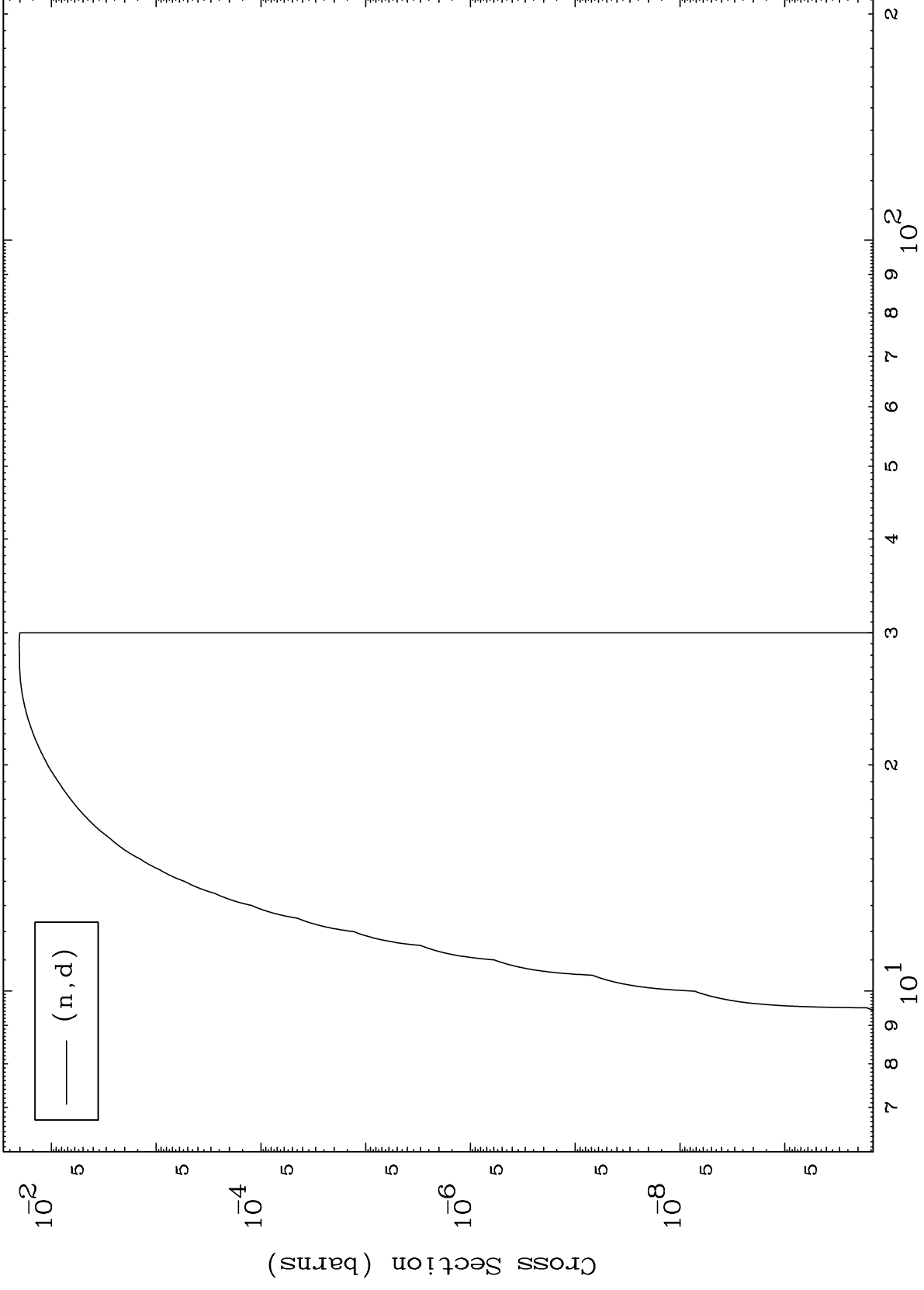
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,d) Levels
293 Kelvin Cross Sections

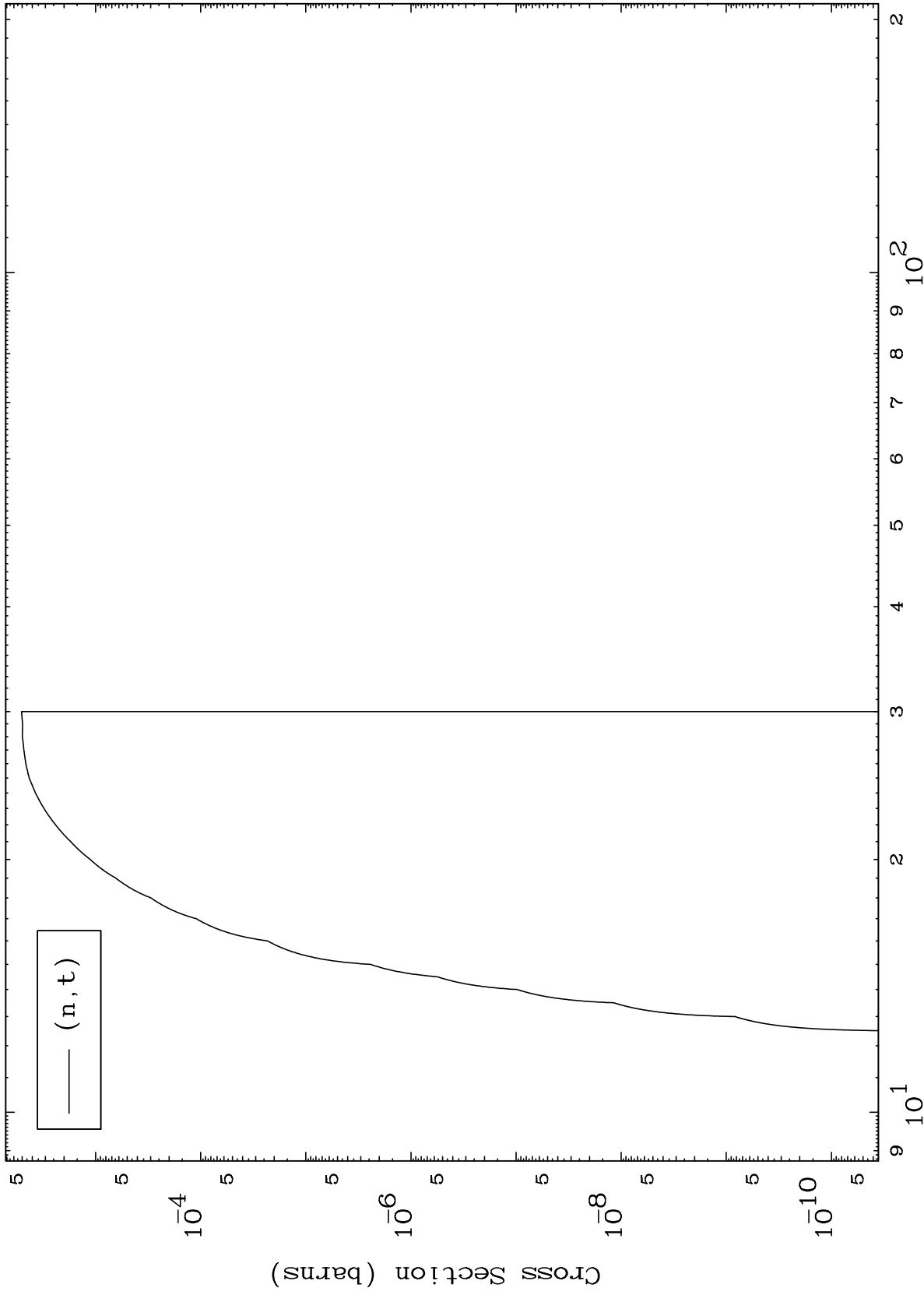
52-Te-124



MAT 5237

(n,t) Levels
293 Kelvin Cross Sections

52-Te-124



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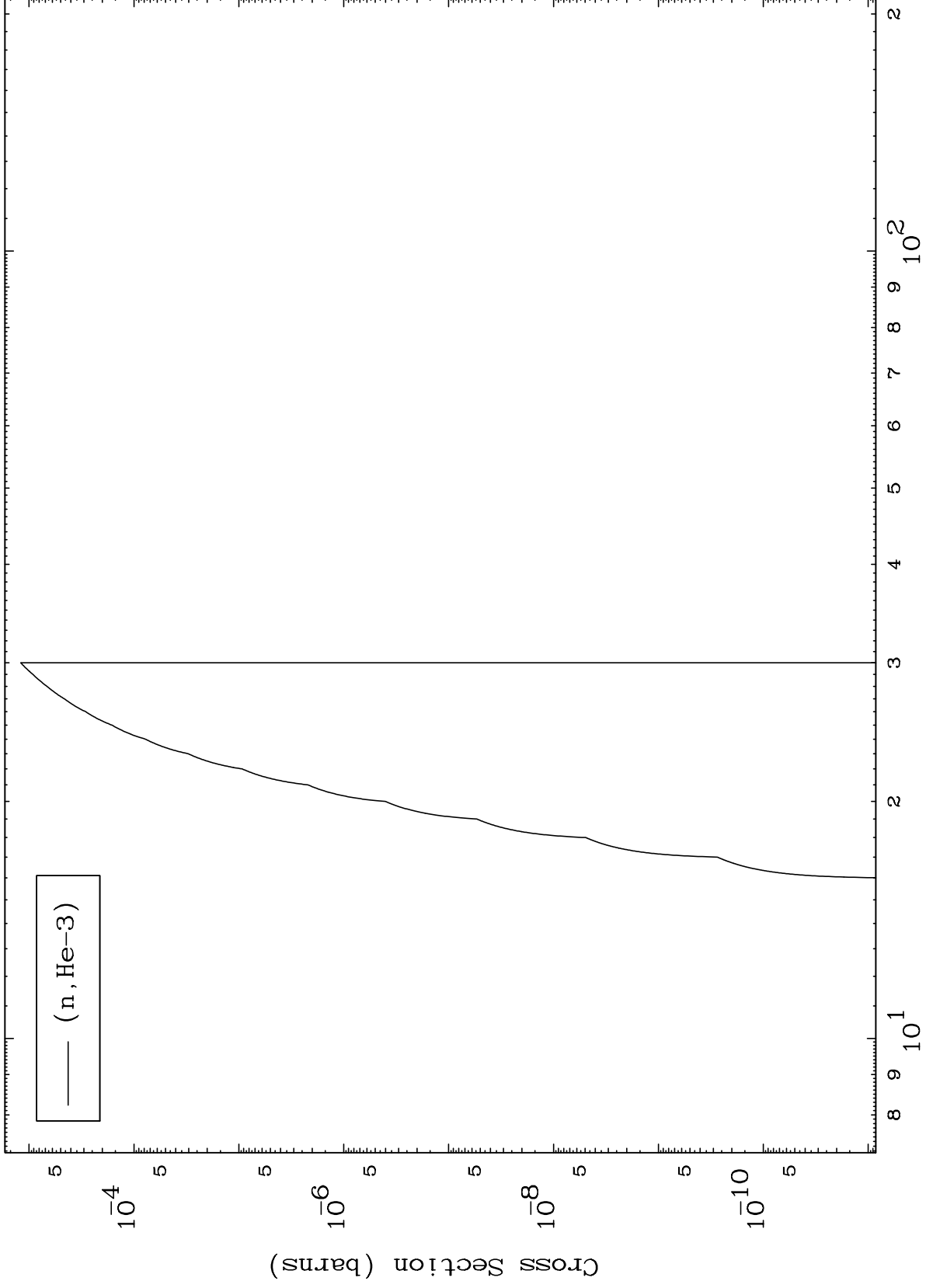
Incident Energy (MeV)

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MAT 5237

(n,He3) Levels
293 Kelvin Cross Sections

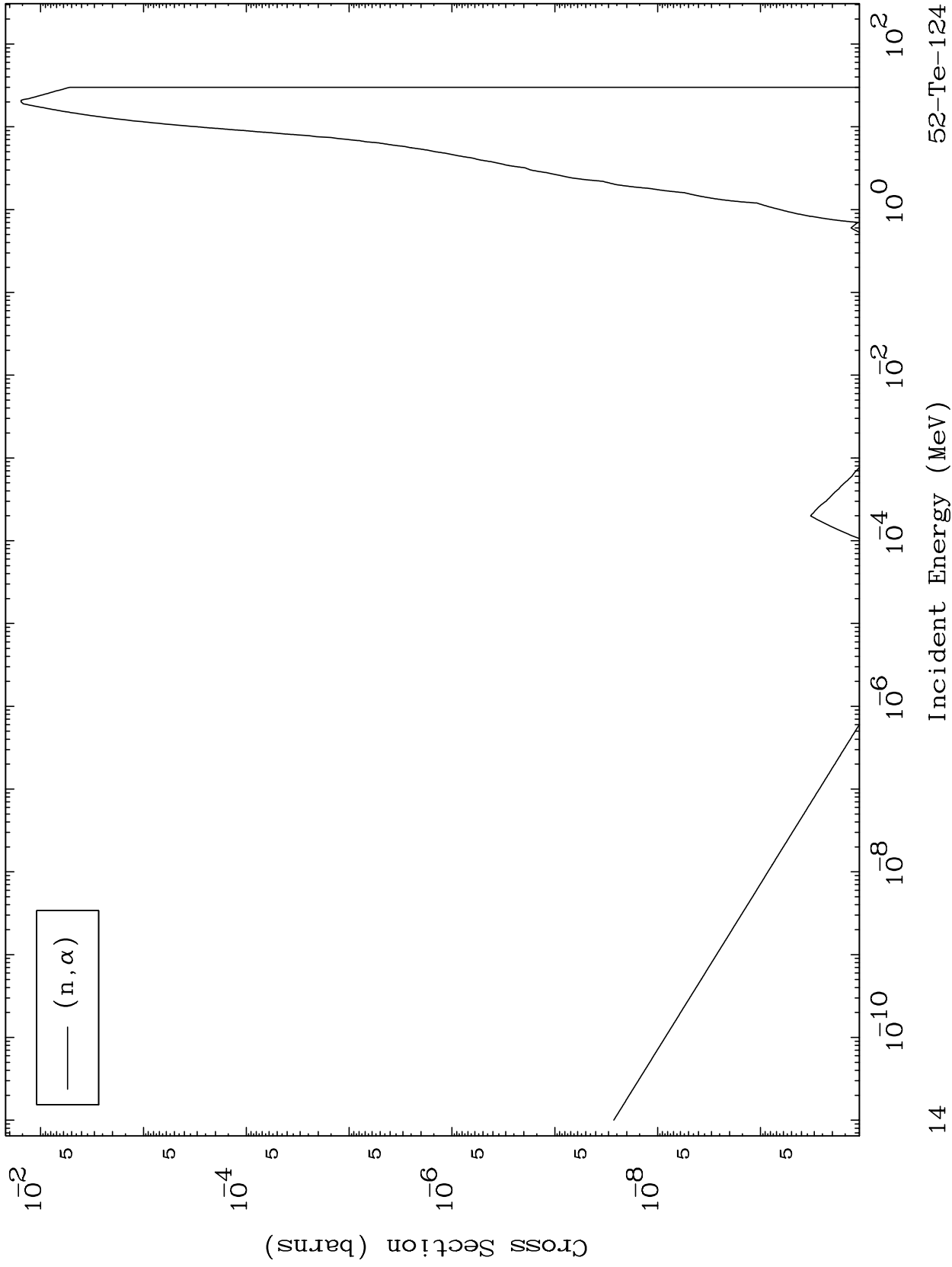
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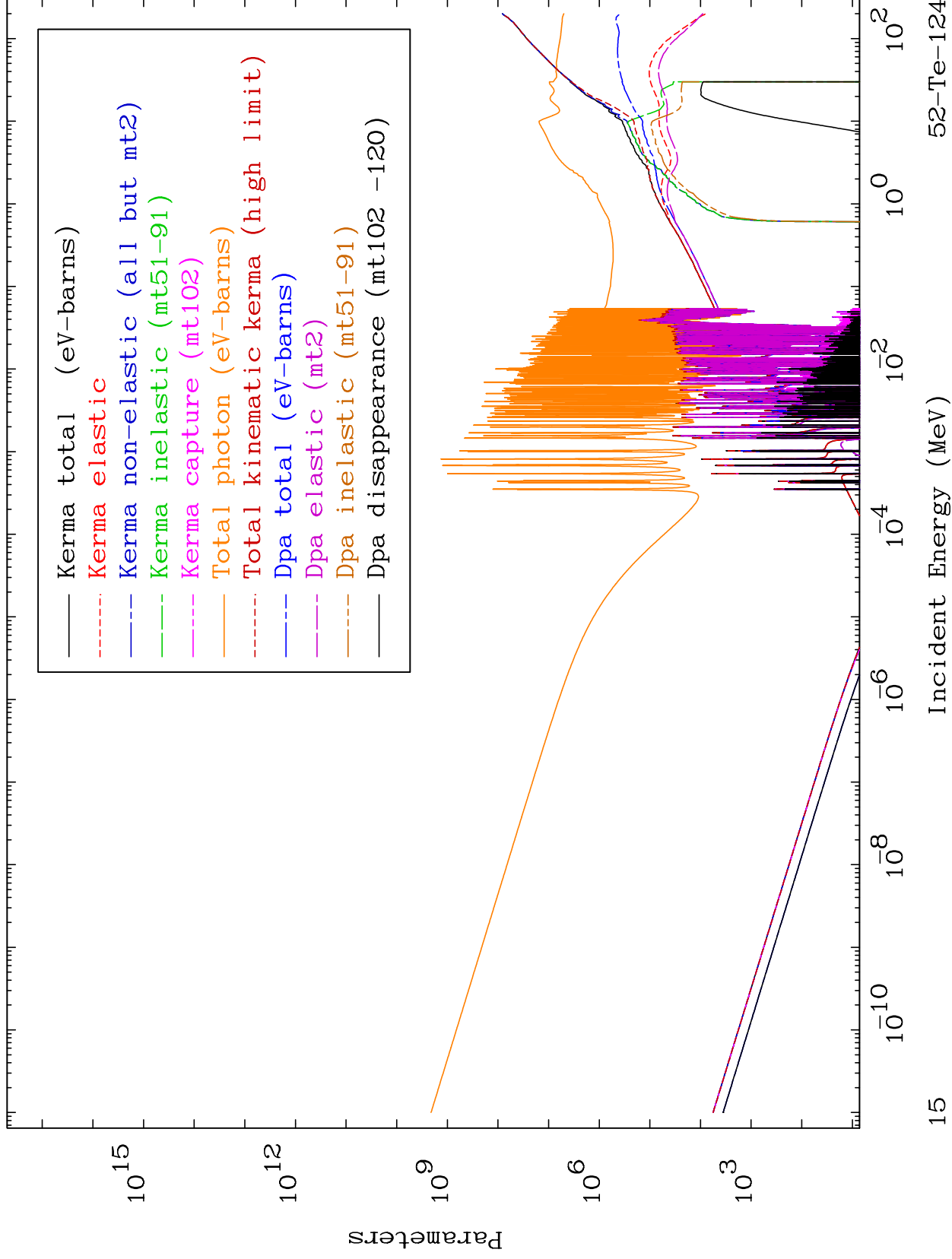


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(n, α) Levels
293 Kelvin Cross Sections

52-Te-124

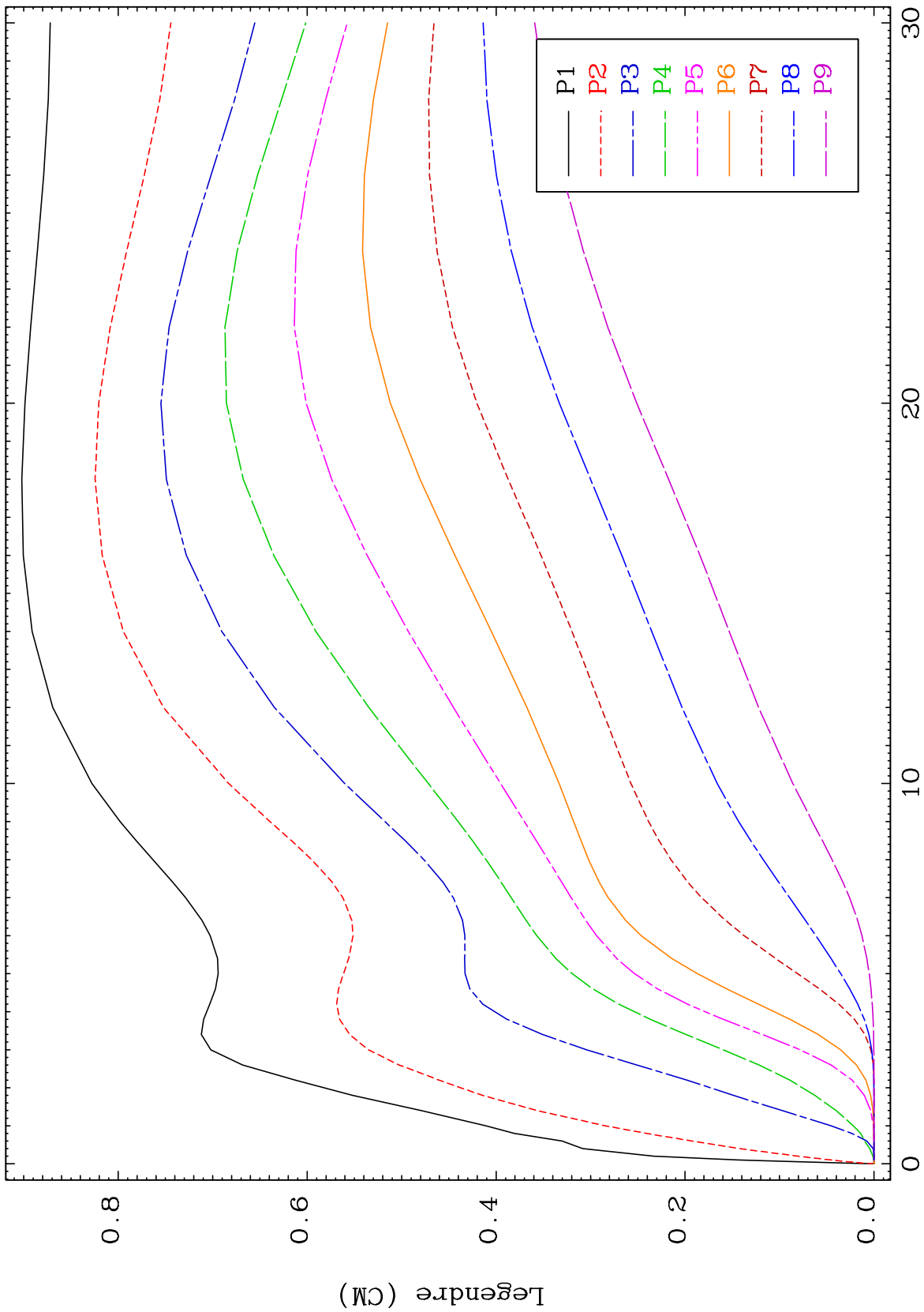




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Elastic Legendre Coefficients

52-Te-124



52-Te-124

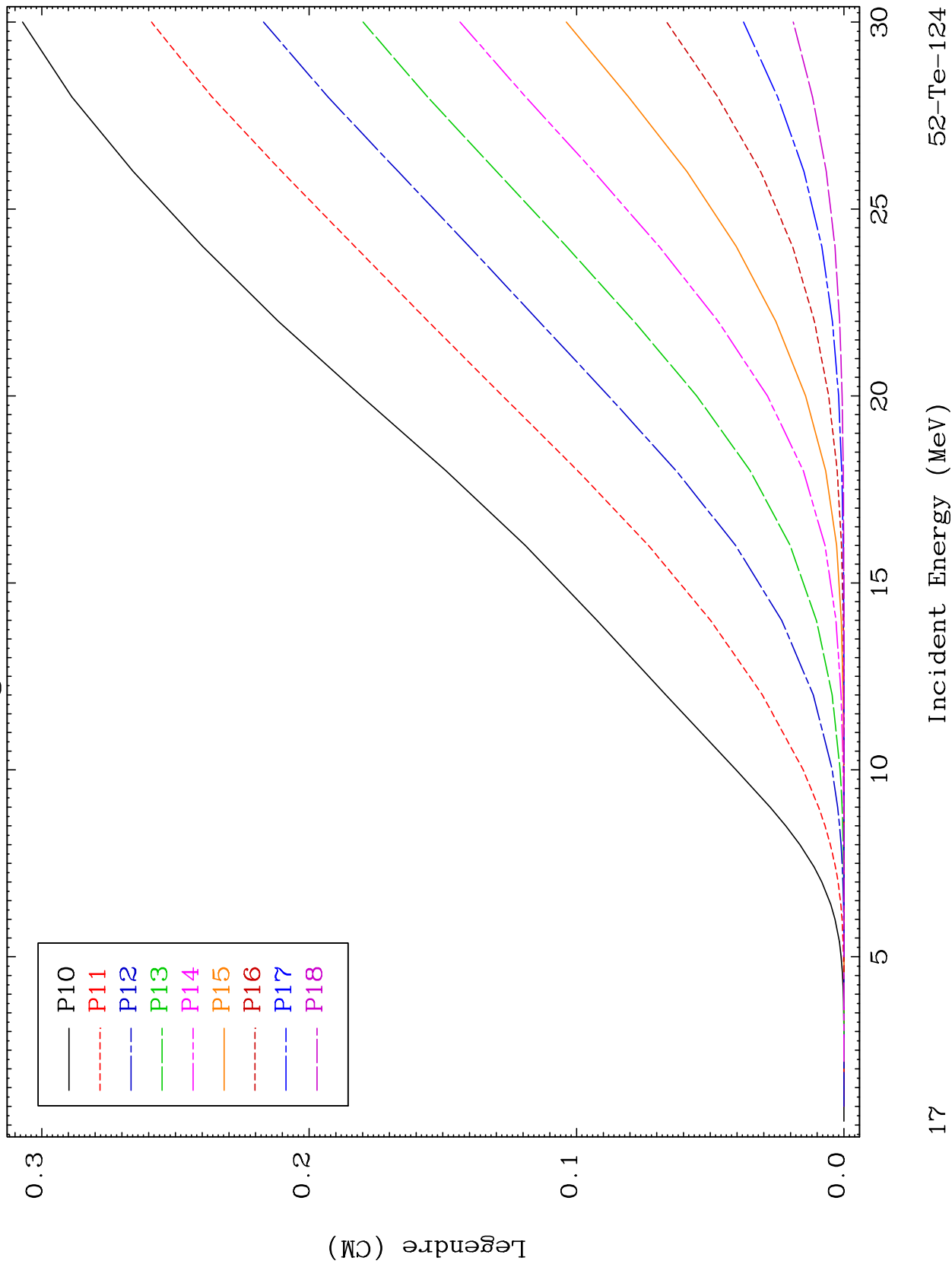
Incident Energy (MeV)

16

MAT 5237

Elastic Legendre Coefficients

52-Te-124



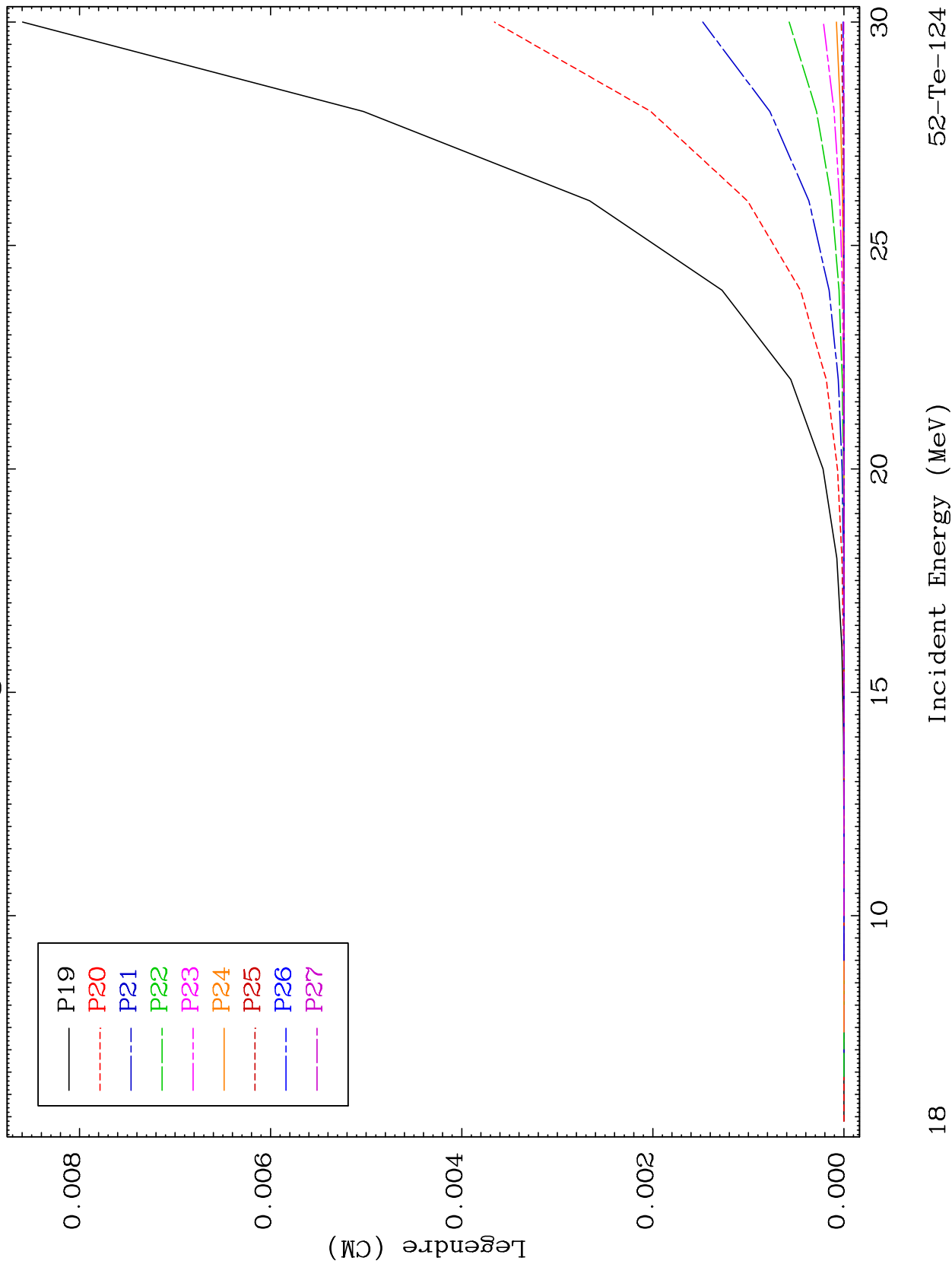
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52-Te-124

MAT 5237

Elastic Legendre Coefficients

52-Te-124



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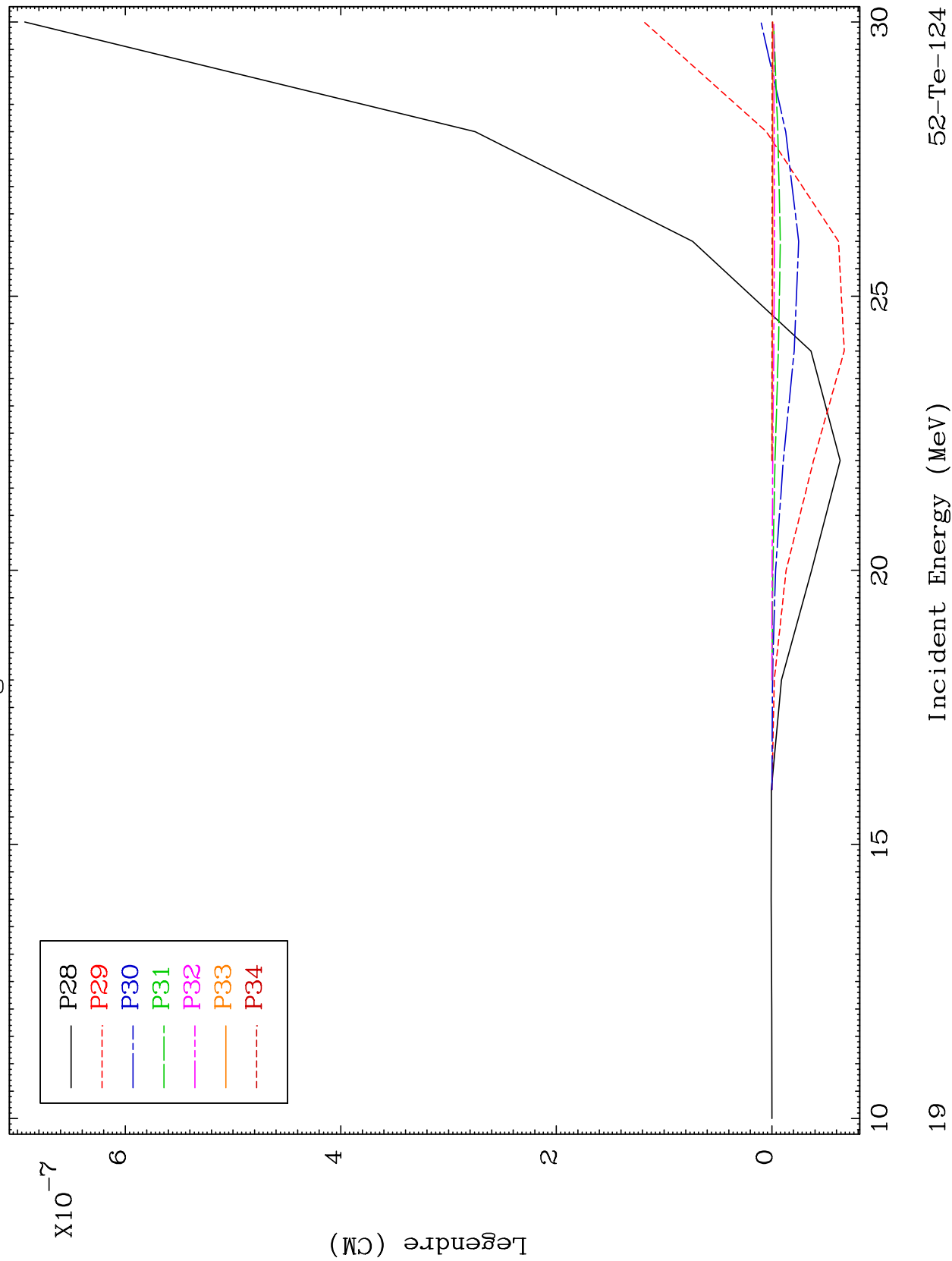
Incident Energy (MeV)

52-Te-124

MAT 5237

Elastic Legendre Coefficients

52-Te-124



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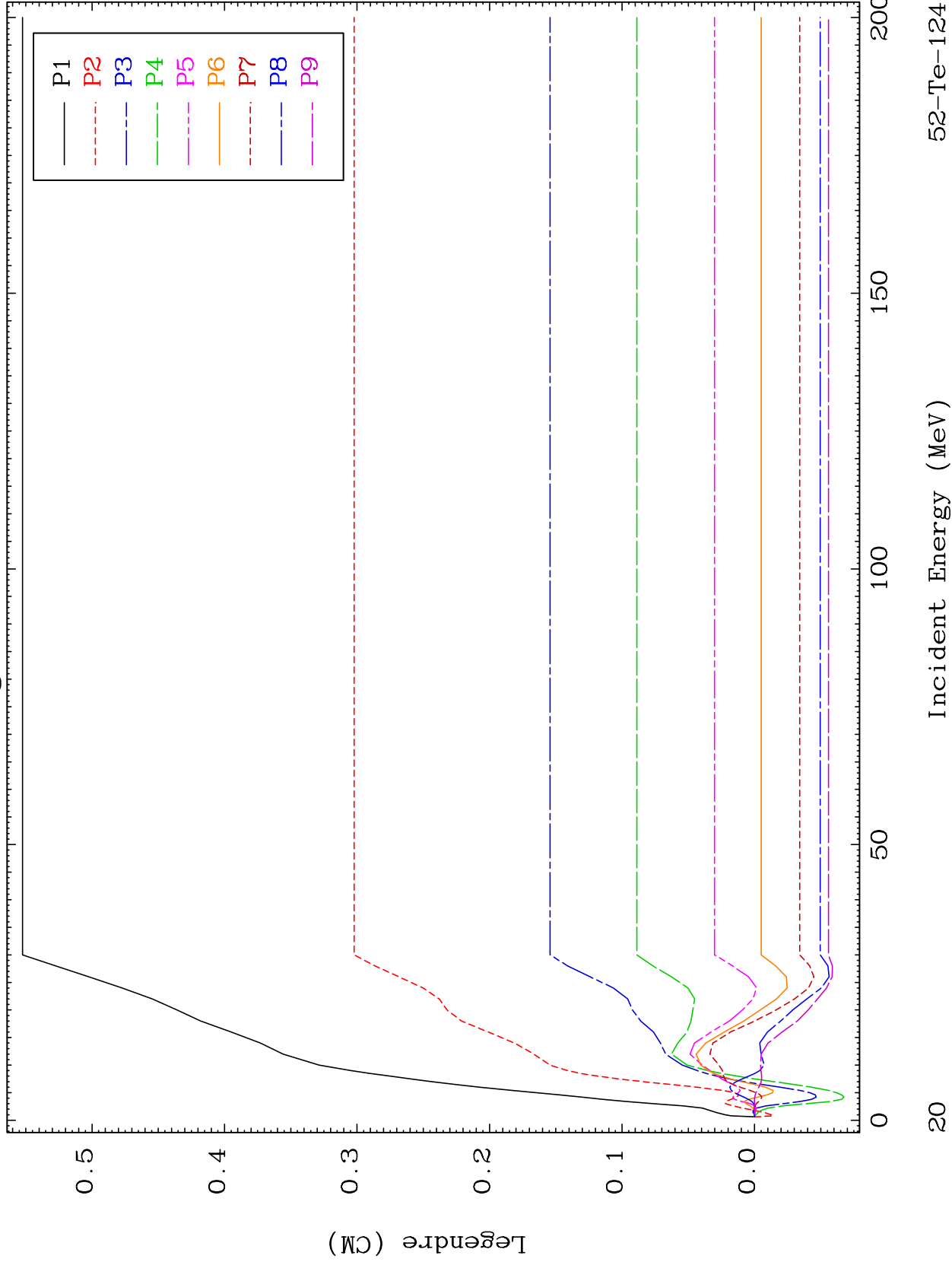
Incident Energy (MeV)

52-Te-124

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602.7 keV (n,n') Level
Legendre Coefficients

52-Te-124

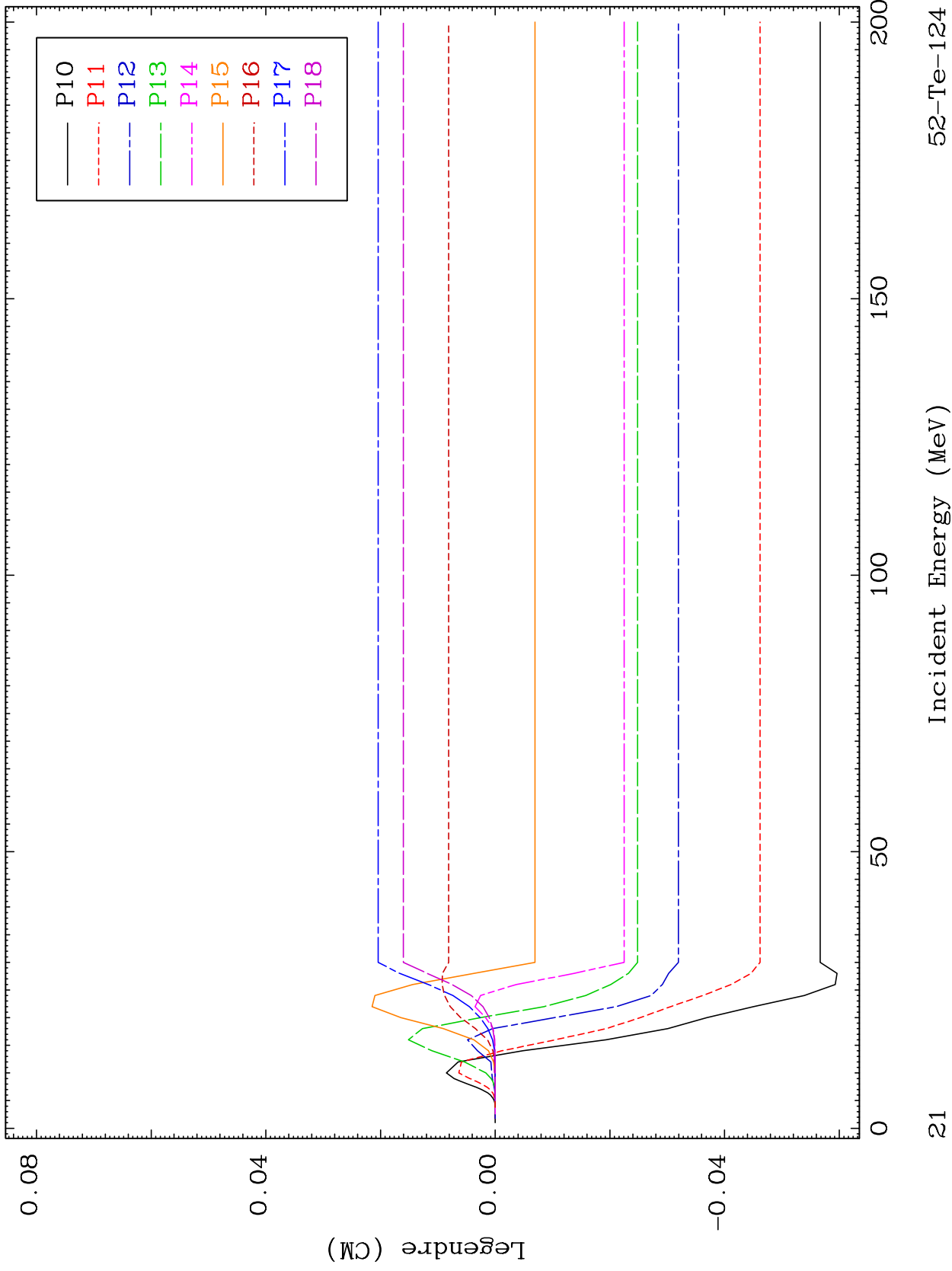


52-Te-124

MAT 5237

602.7 keV (n,n') Level
Legendre Coefficients

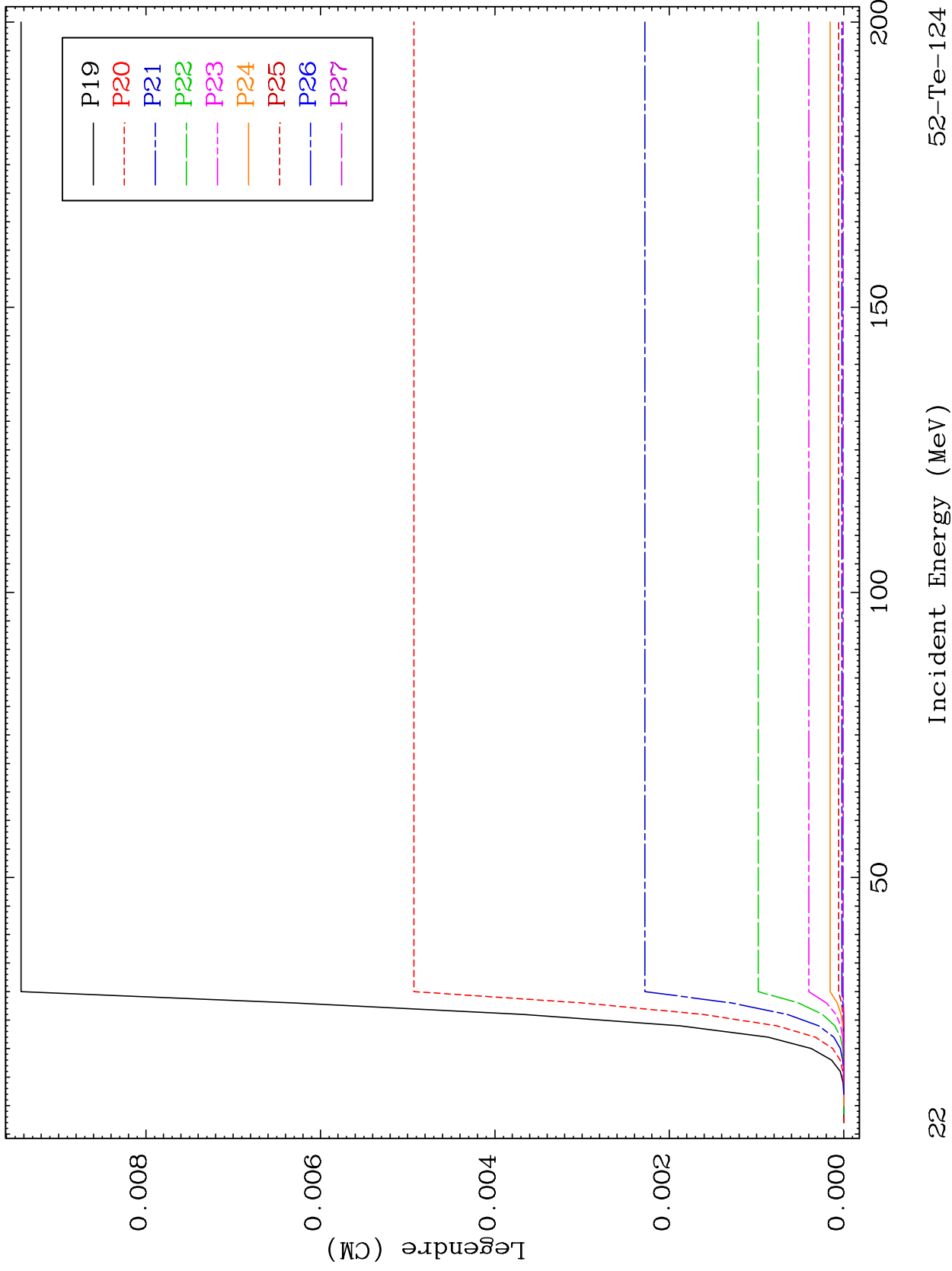
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21

Incident Energy (MeV)

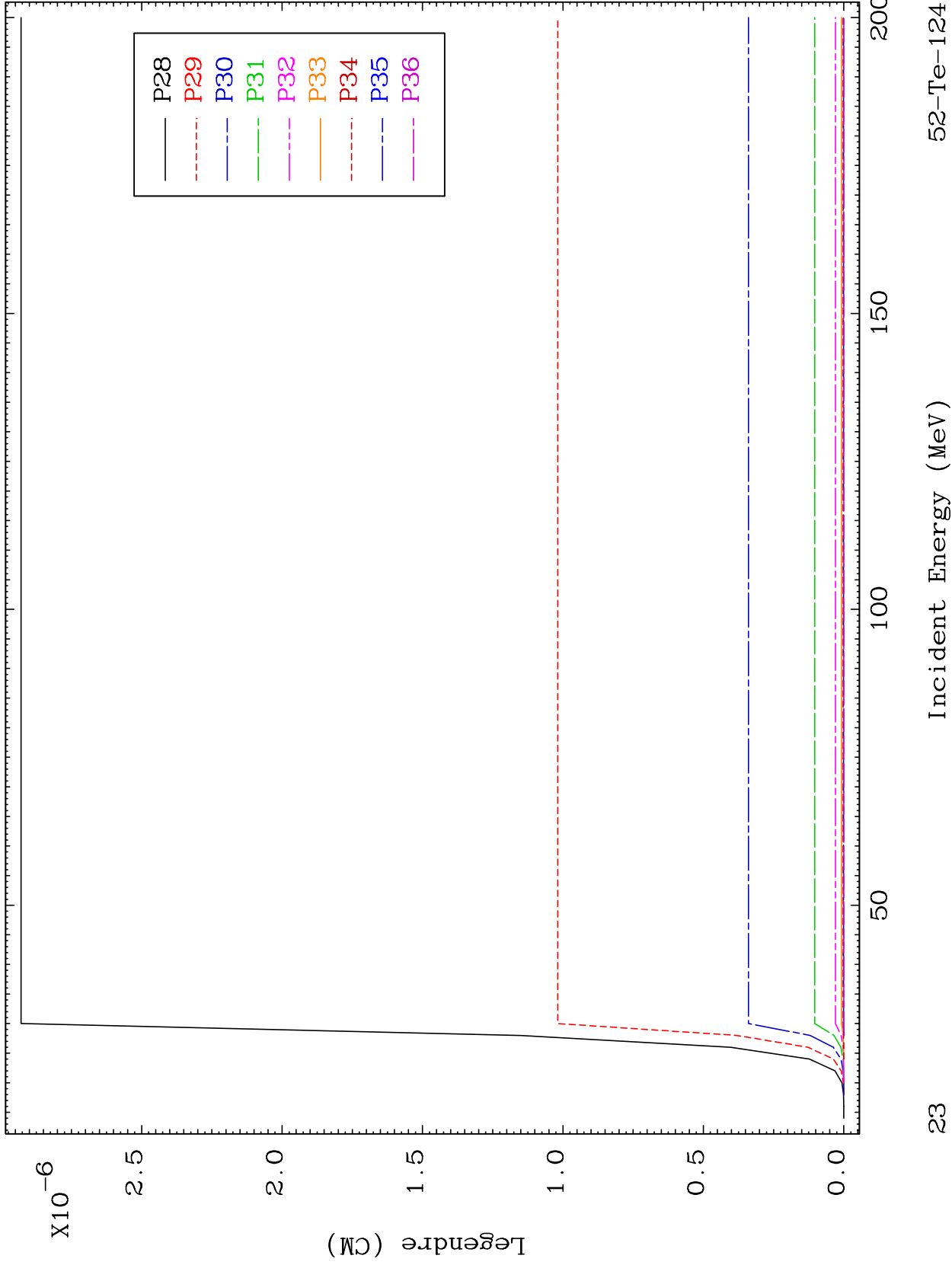
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MAT 5237

602.7 keV (n, n') Level
Legendre Coefficients

52-Te-124

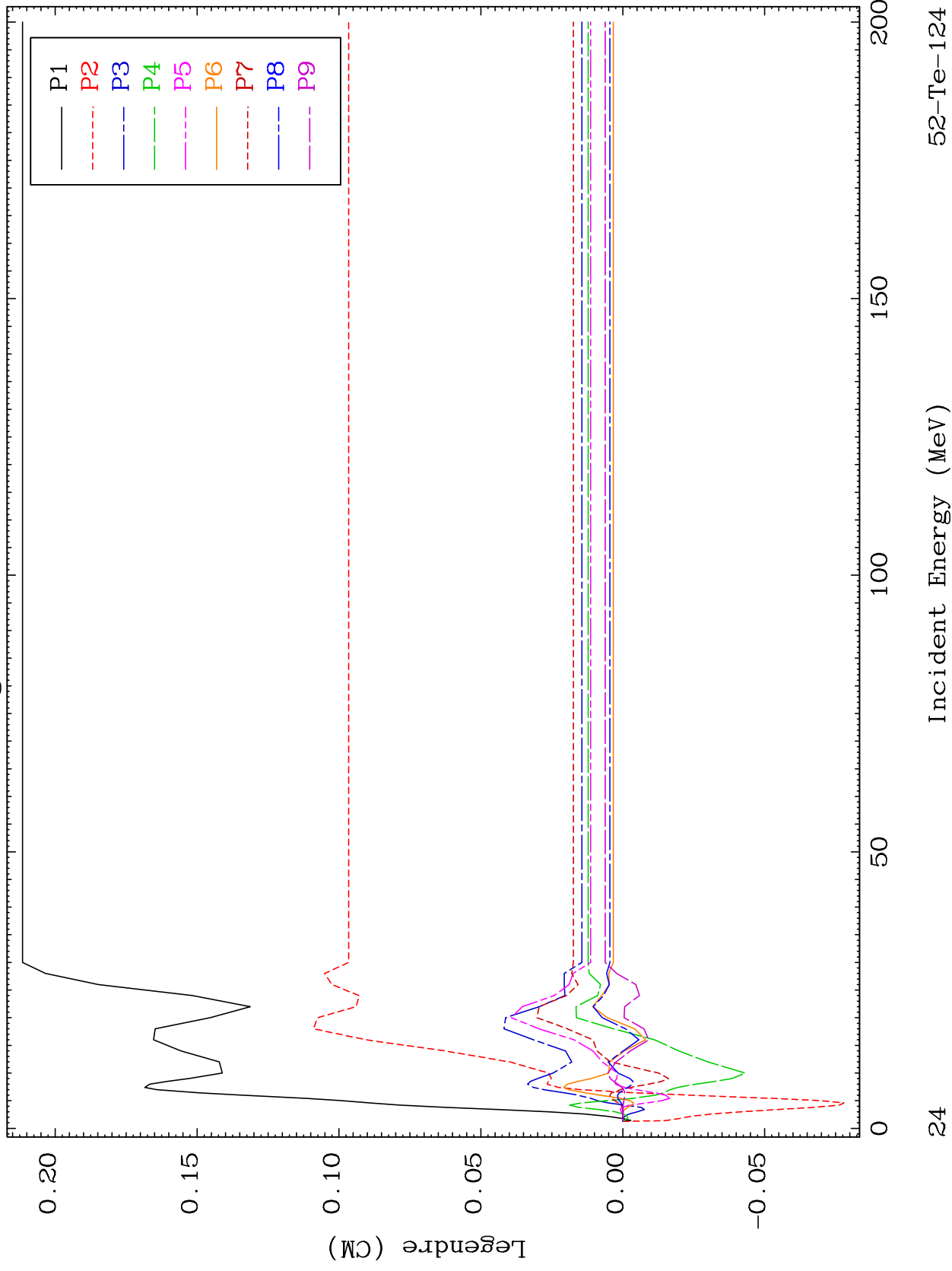


23

MAT 5237

1.249 MeV (n,n') Level
Legendre Coefficients

52-Te-124



52-Te-124

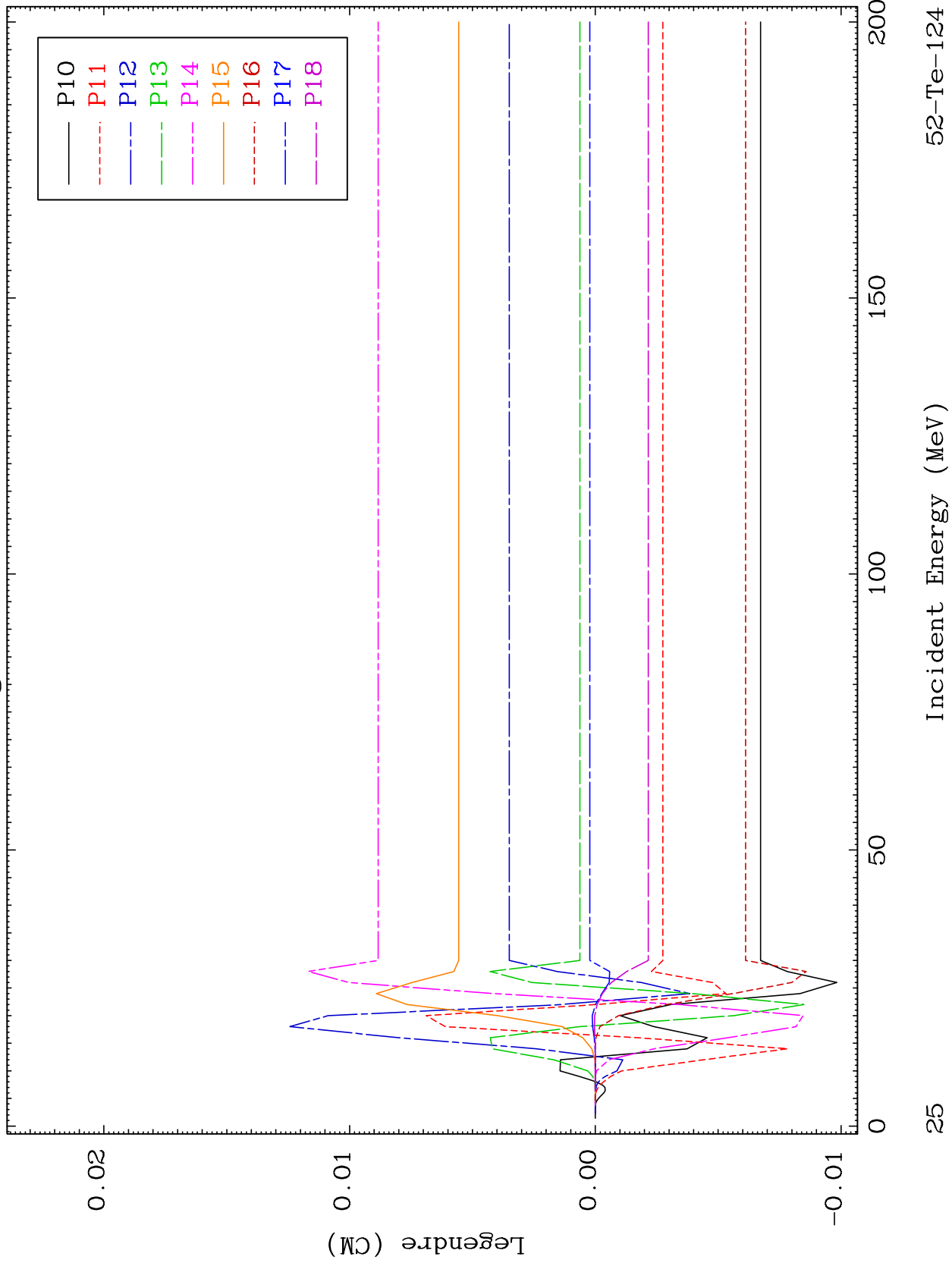
Incident Energy (MeV)

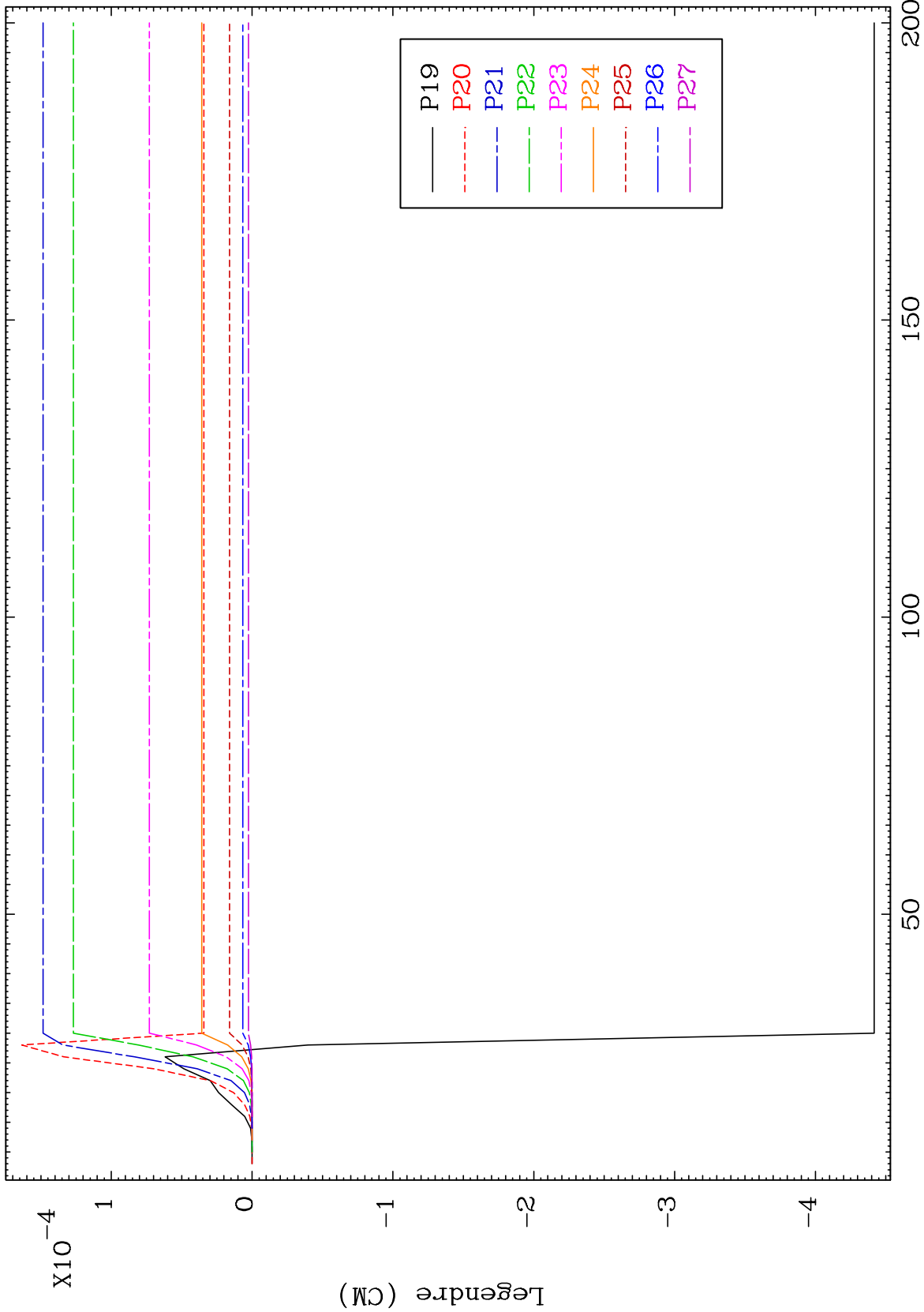
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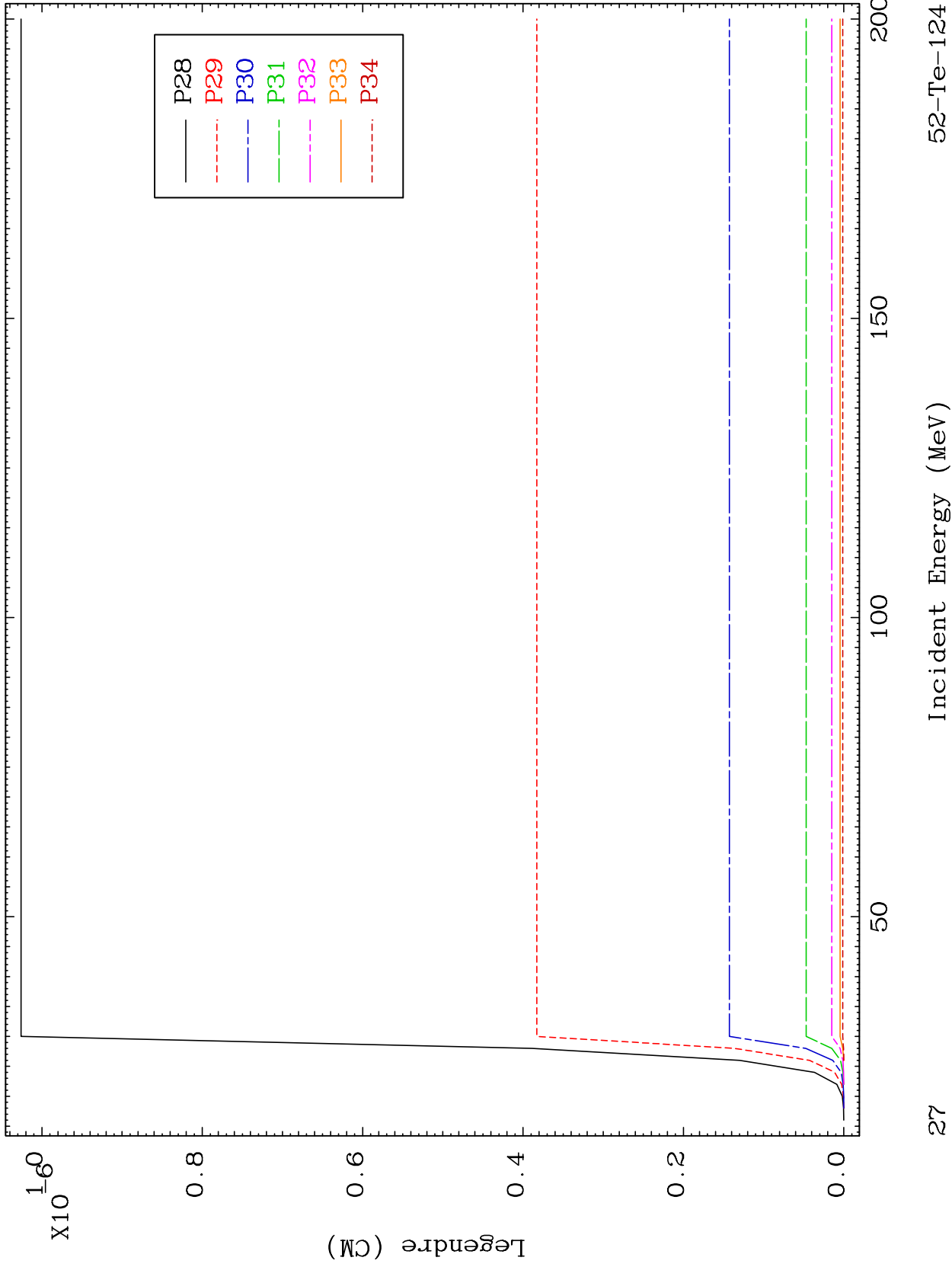
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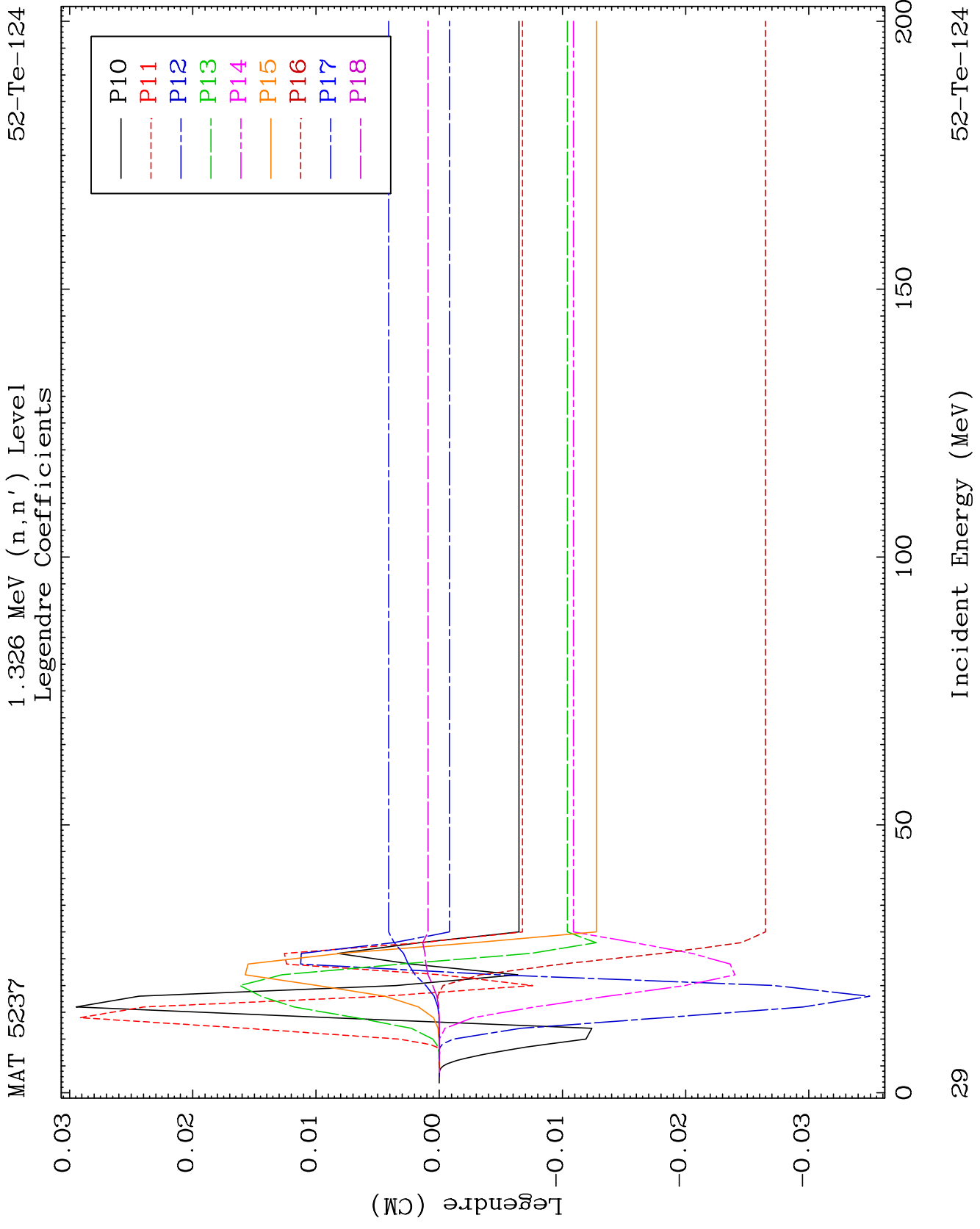
1.249 MeV (n,n') Level
Legendre Coefficients

52-Te-124





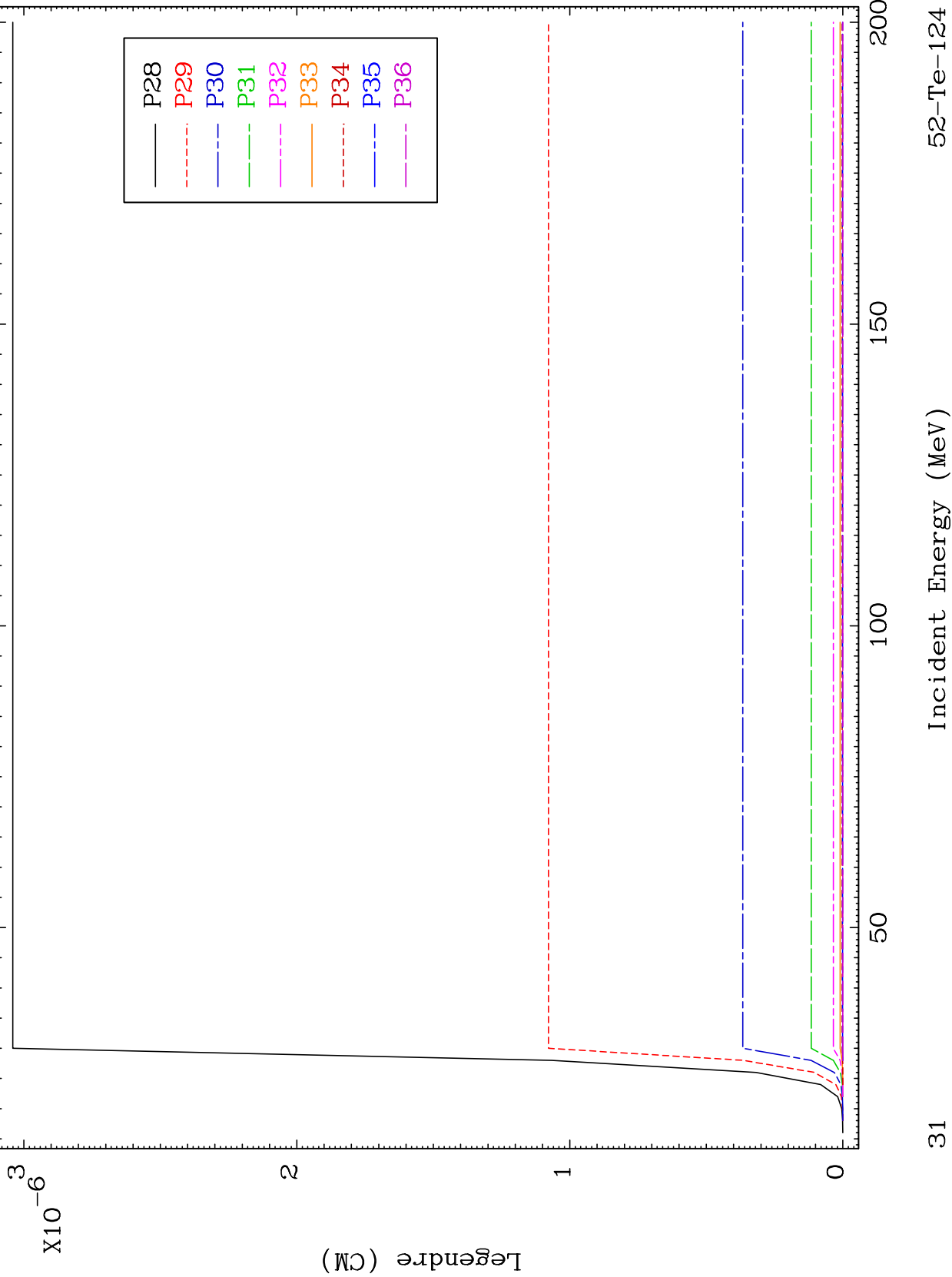




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1.326 MeV (n,n') Level
Legendre Coefficients

52-Te-124



31

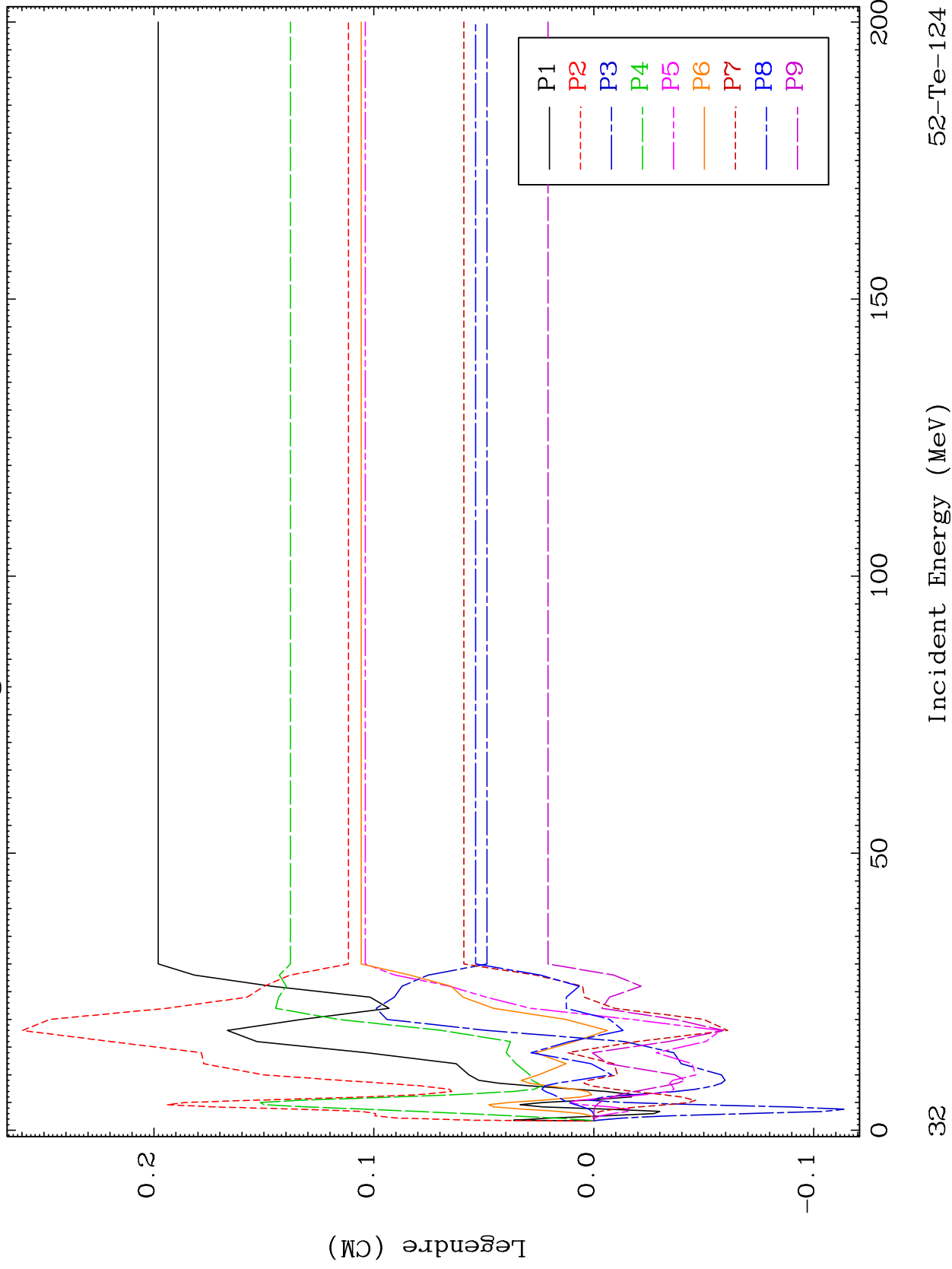
Incident Energy (MeV)

52-Te-124

MAT 5237

1.657 MeV (n,n') Level
Legendre Coefficients

52-Te-124



52-Te-124

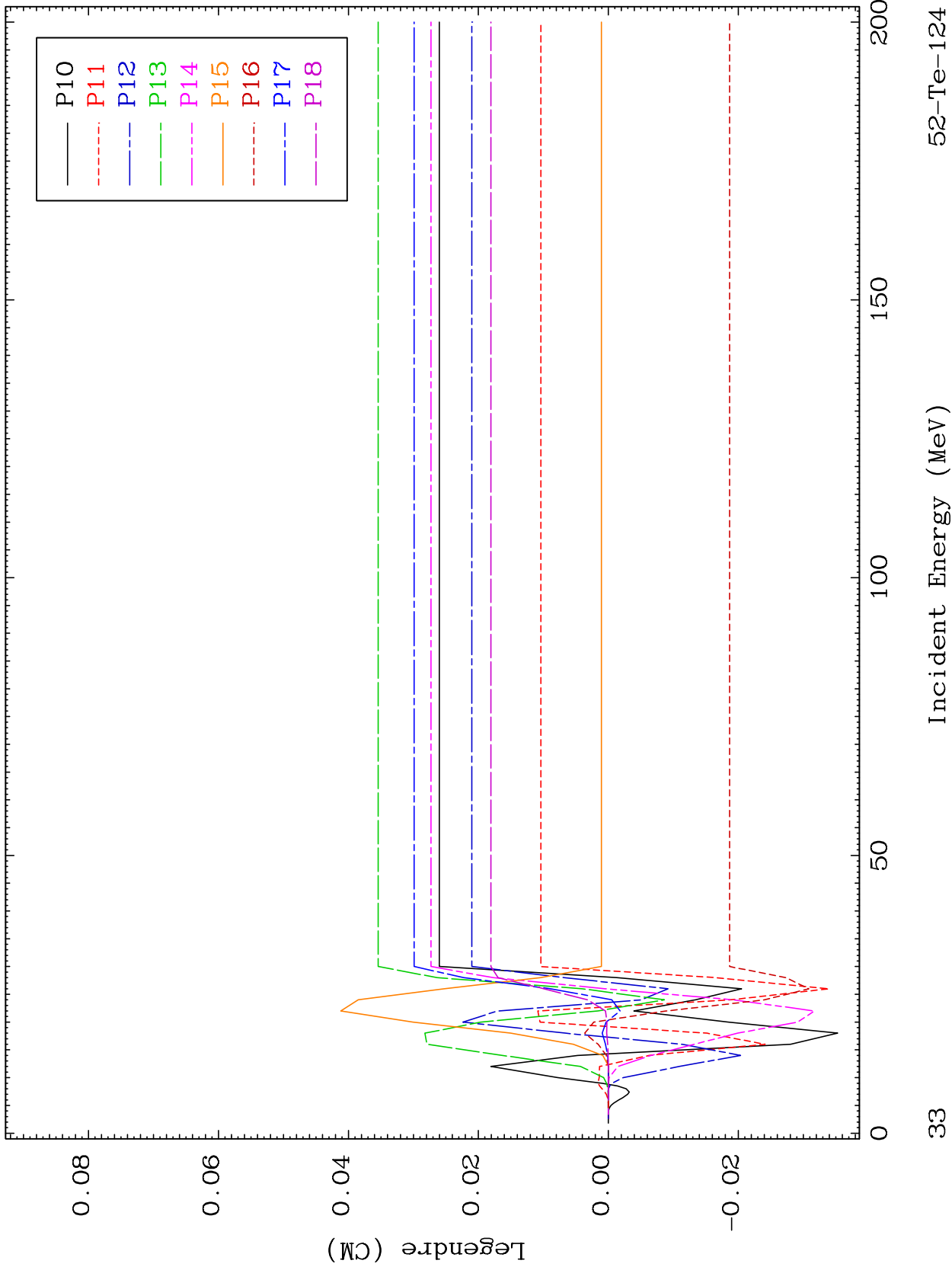
Incident Energy (MeV)

32

MAT 5237

1.657 MeV (n,n') Level
Legendre Coefficients

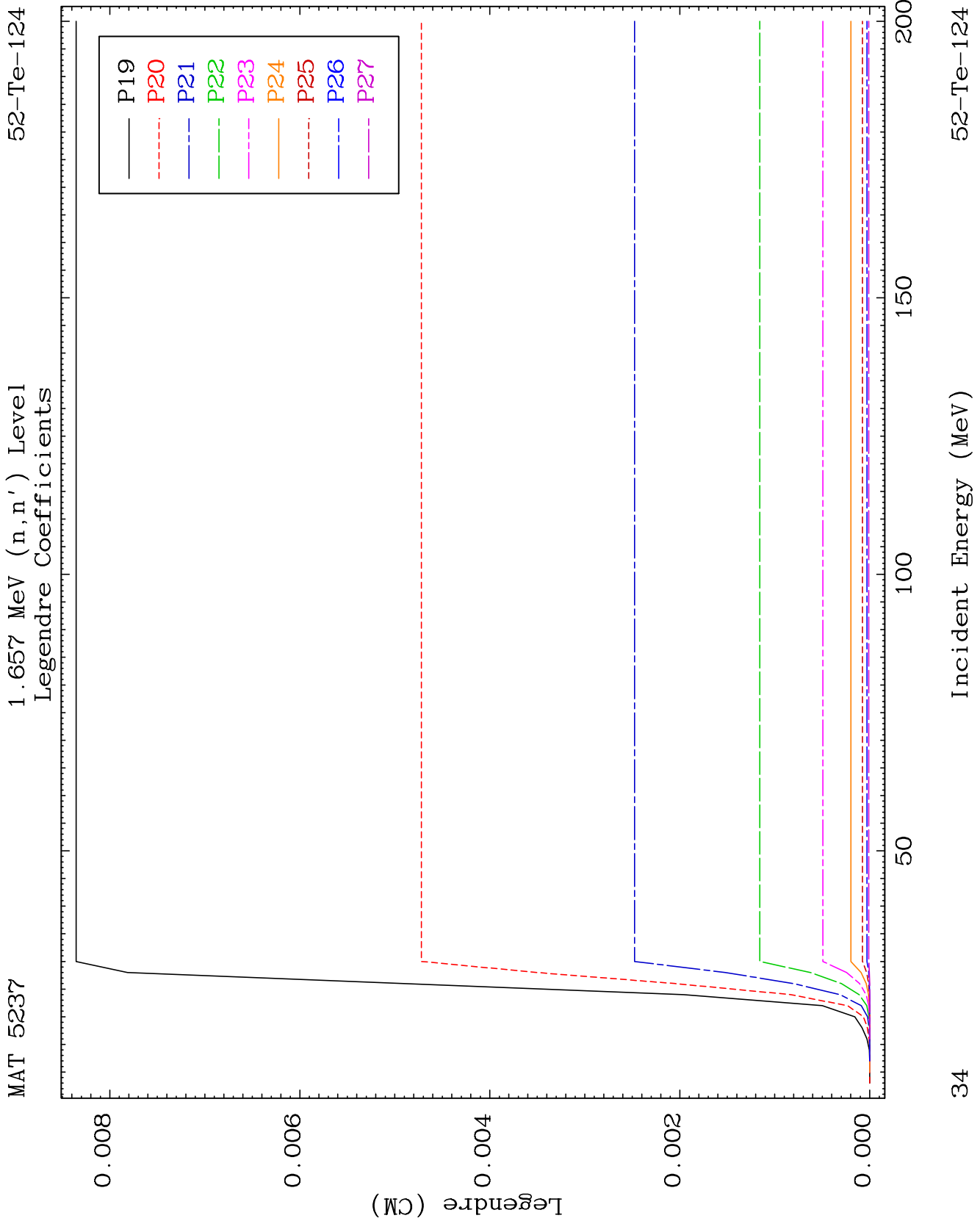
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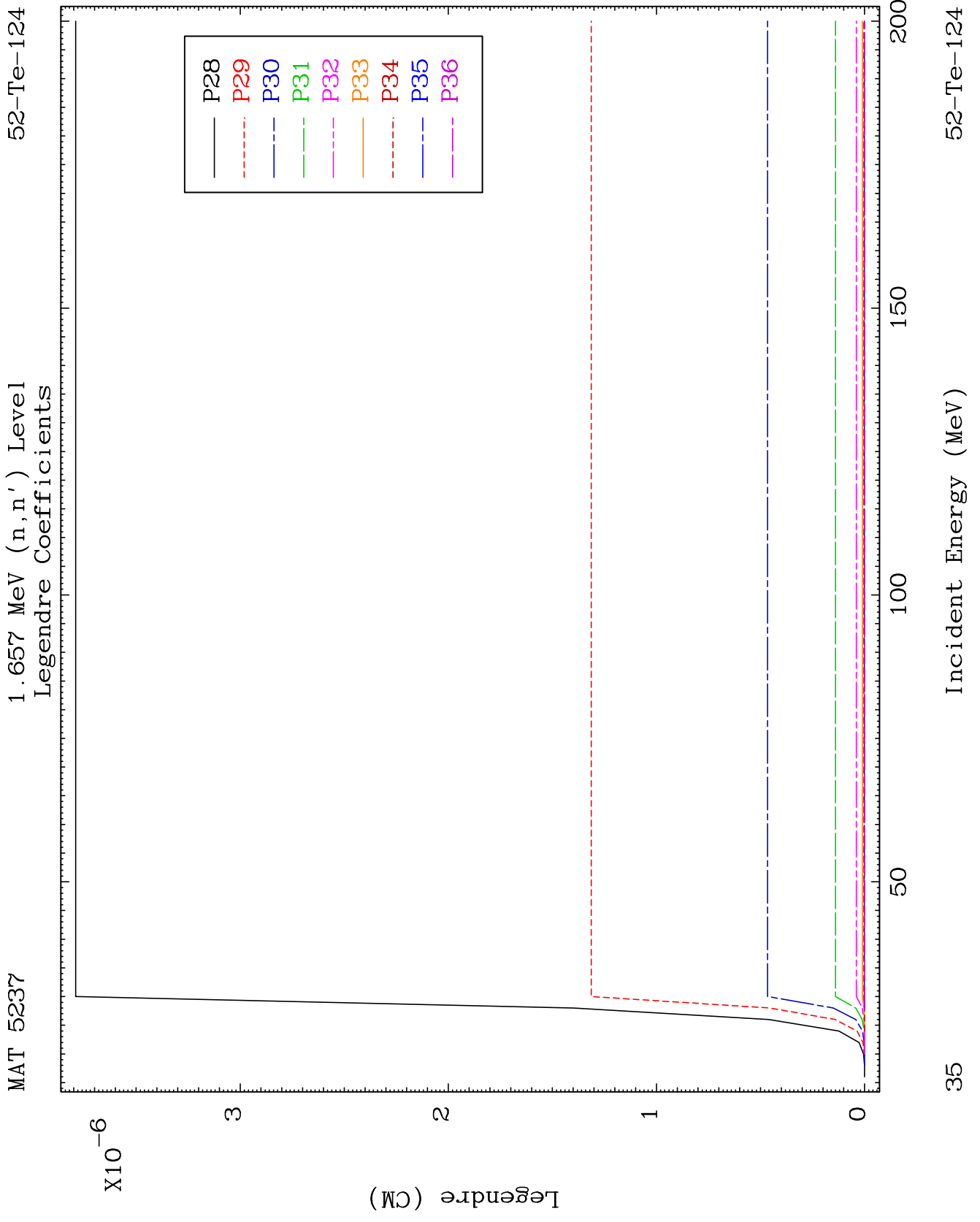


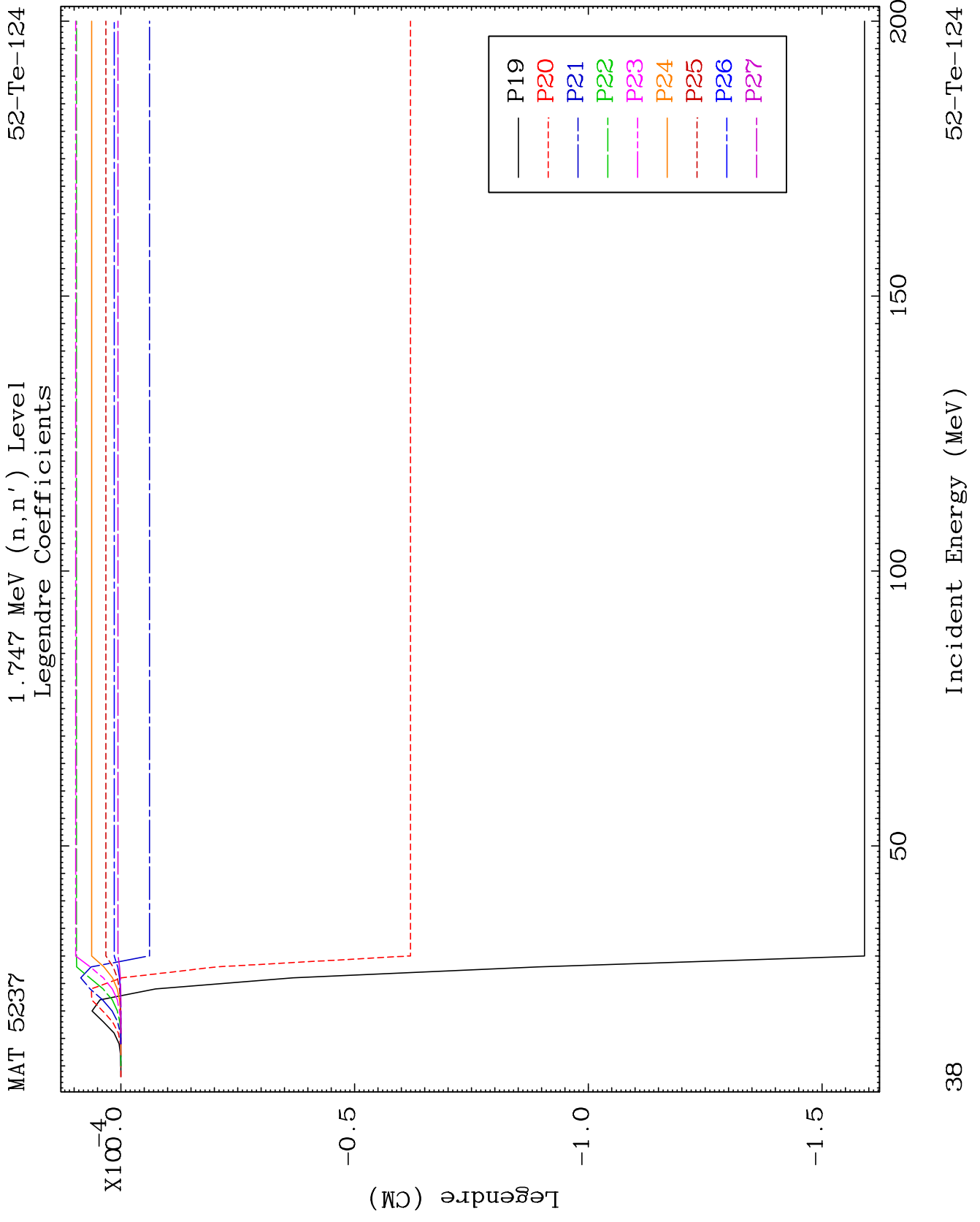
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Incident Energy (MeV)

52-Te-124



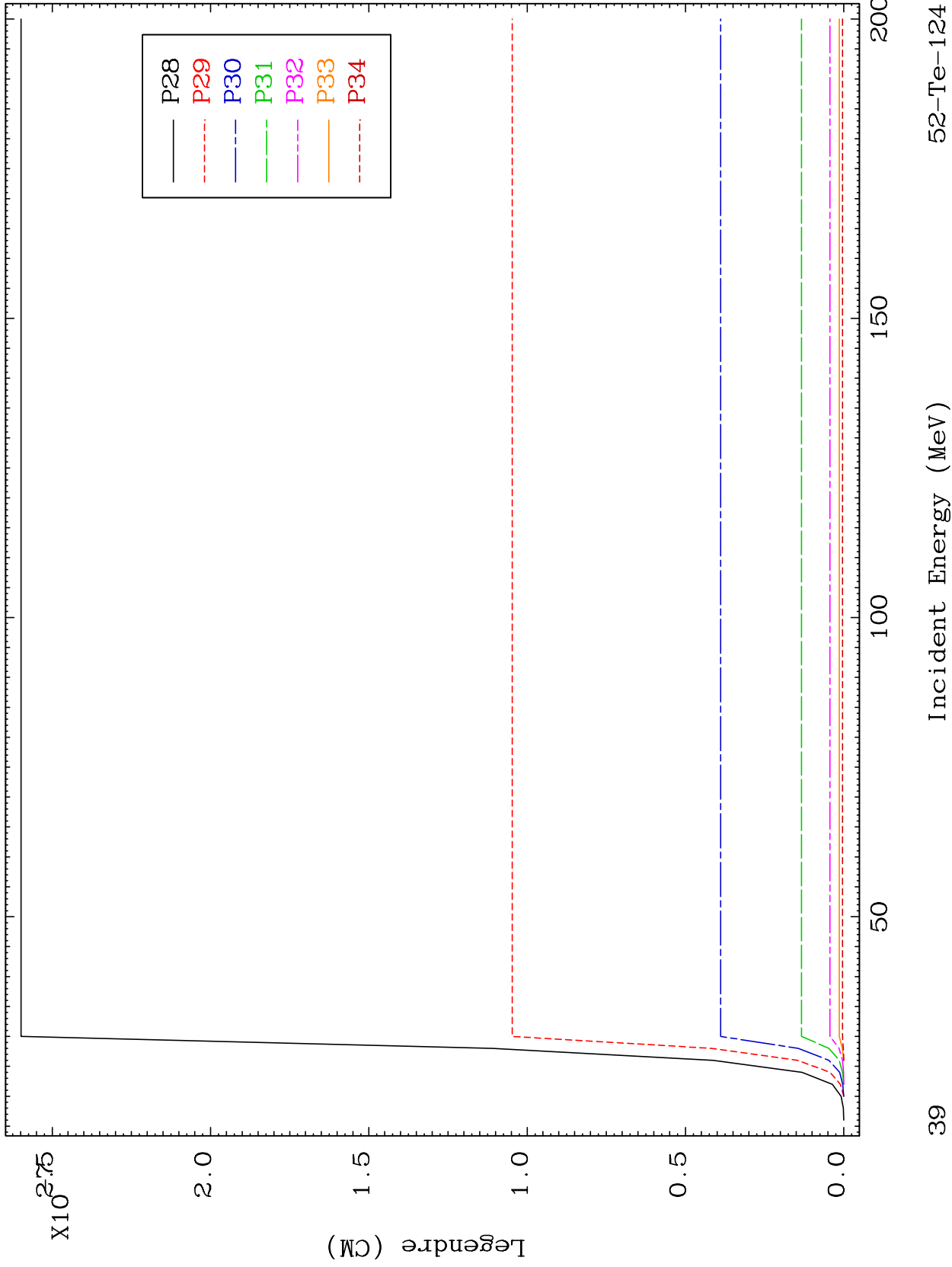




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1.747 MeV (n,n') Level
Legendre Coefficients

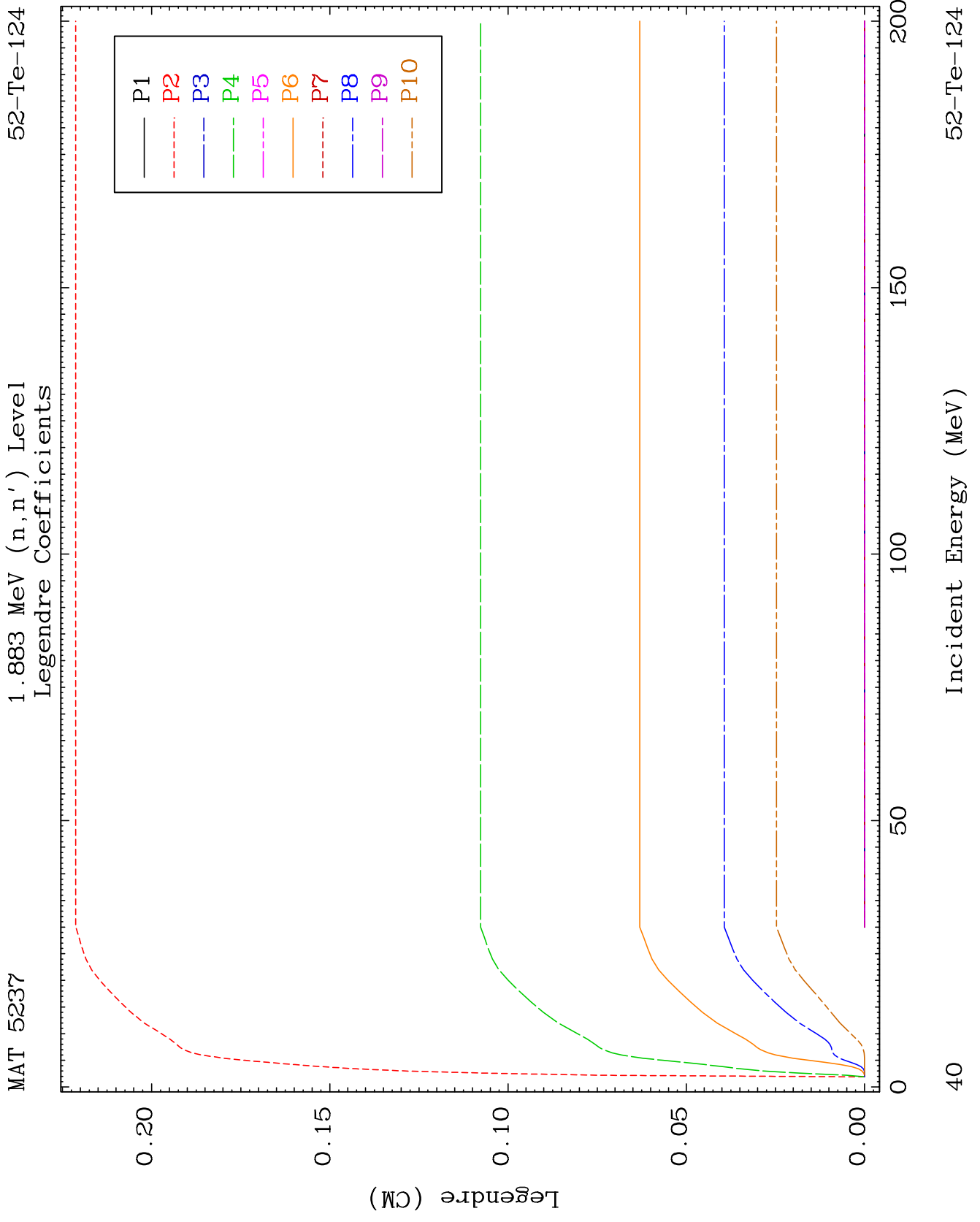
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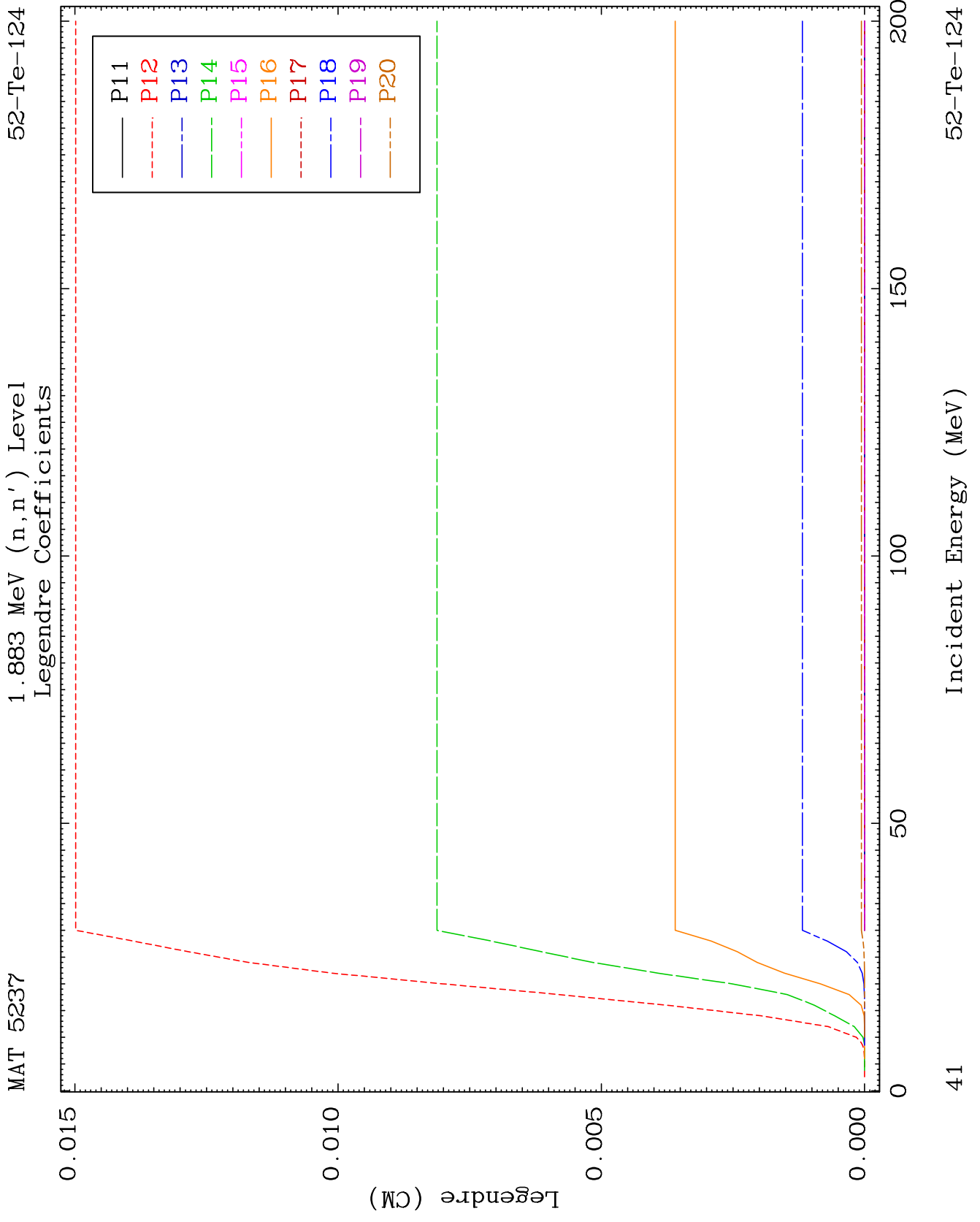


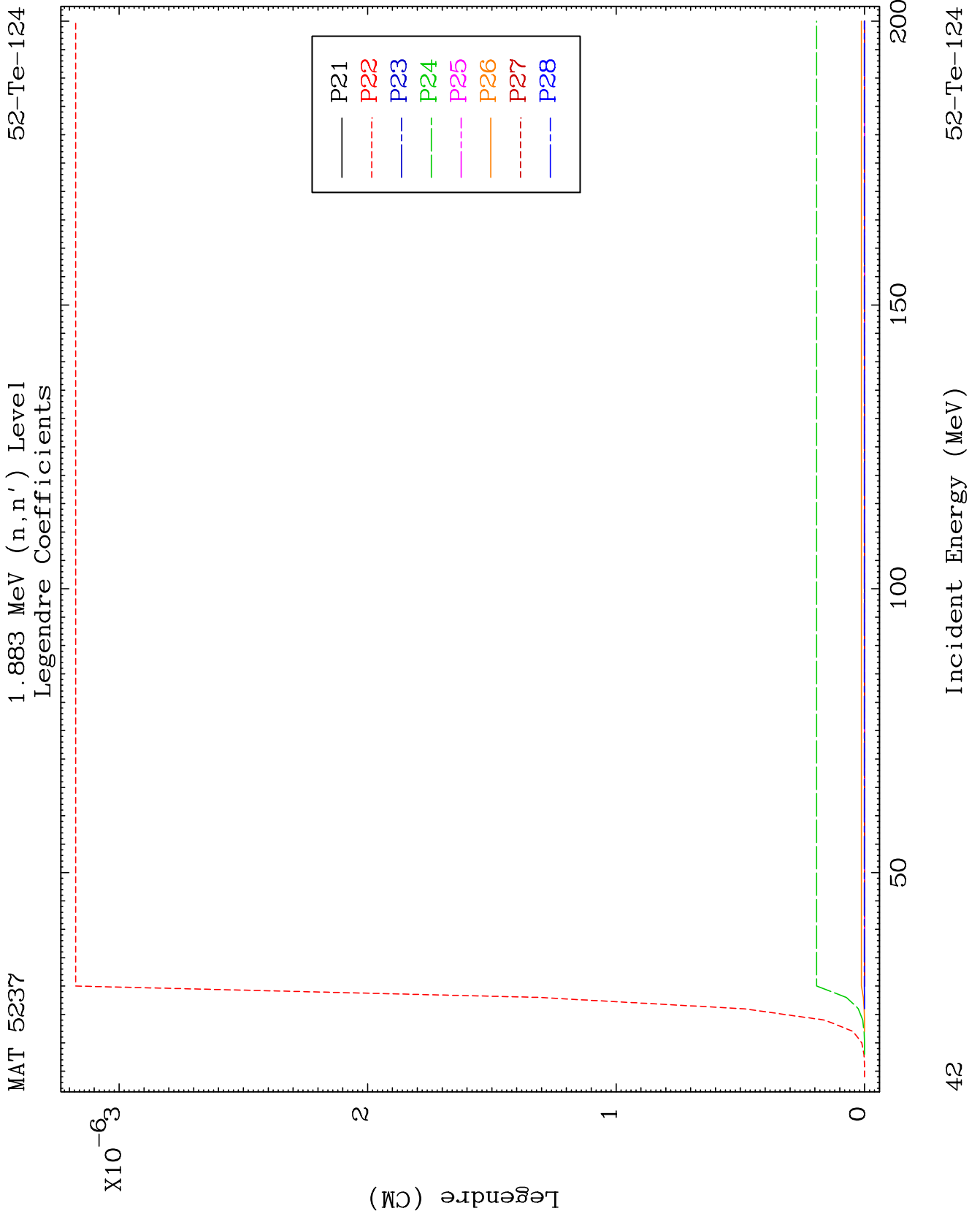
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Incident Energy (MeV)

52-Te-124



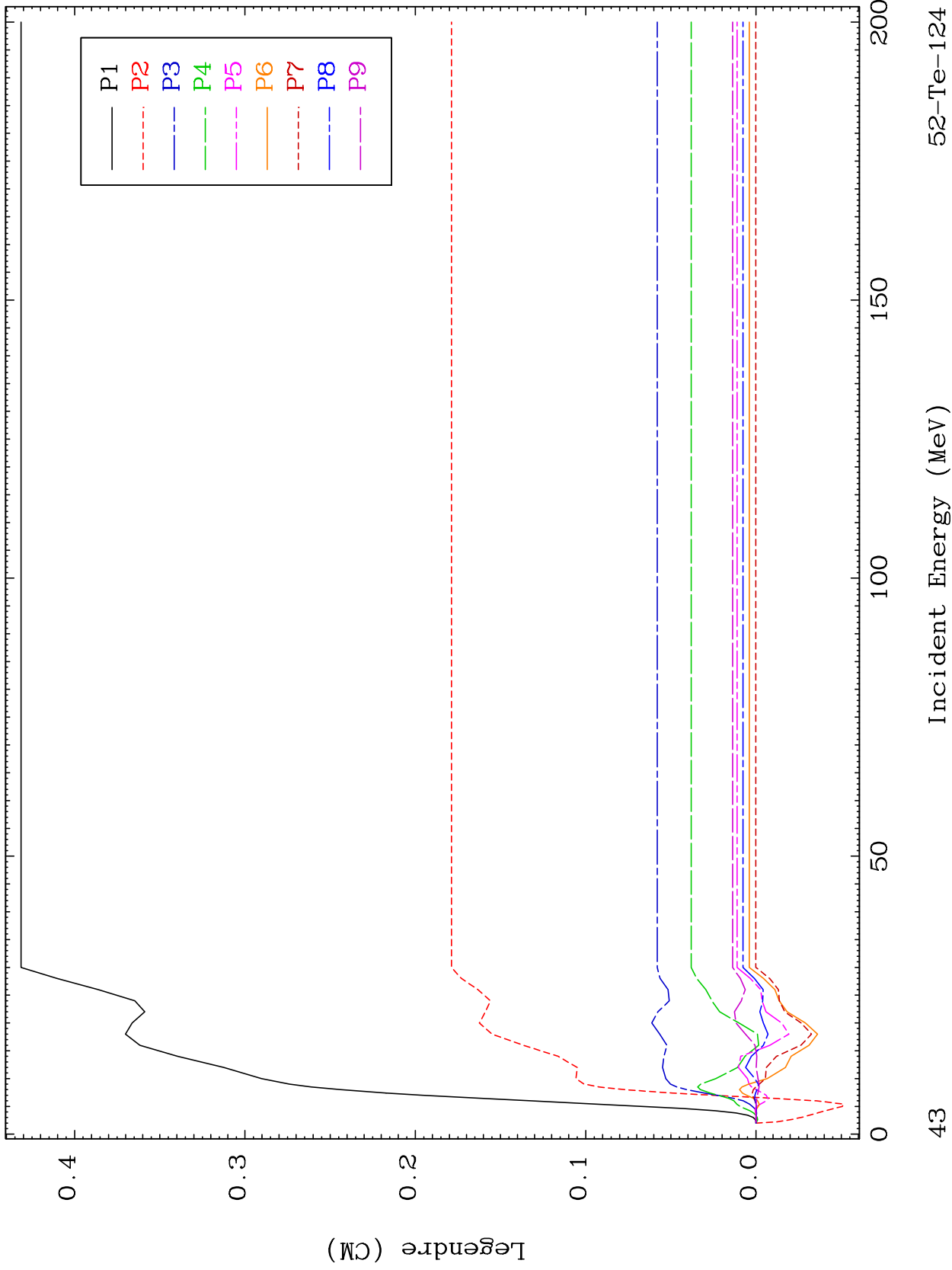




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1.958 MeV (n,n') Level
Legendre Coefficients

52-Te-124



43

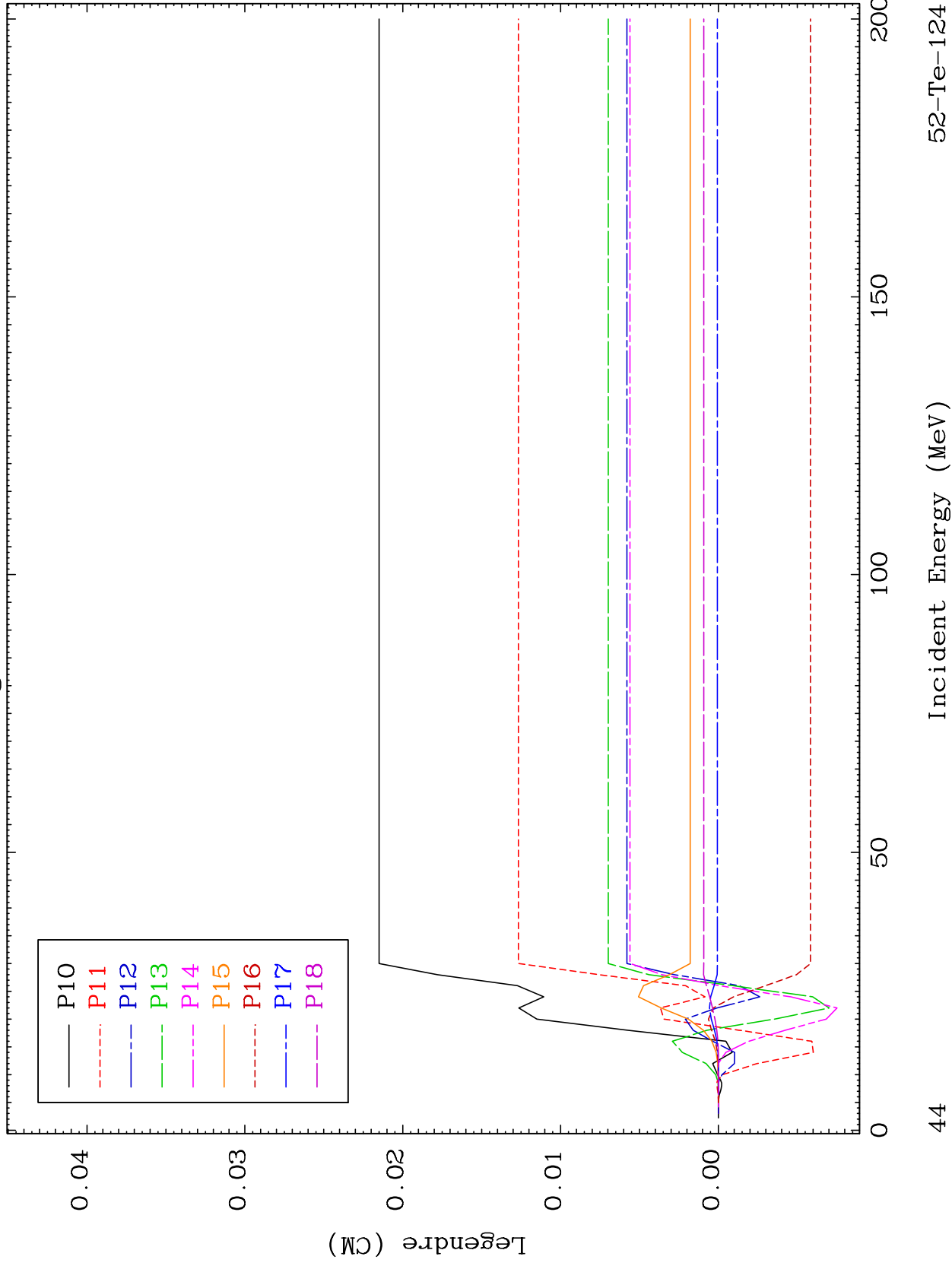
Incident Energy (MeV)

52-Te-124

MAT 5237

1.958 MeV (n,n') Level
Legendre Coefficients

52-Te-124



44

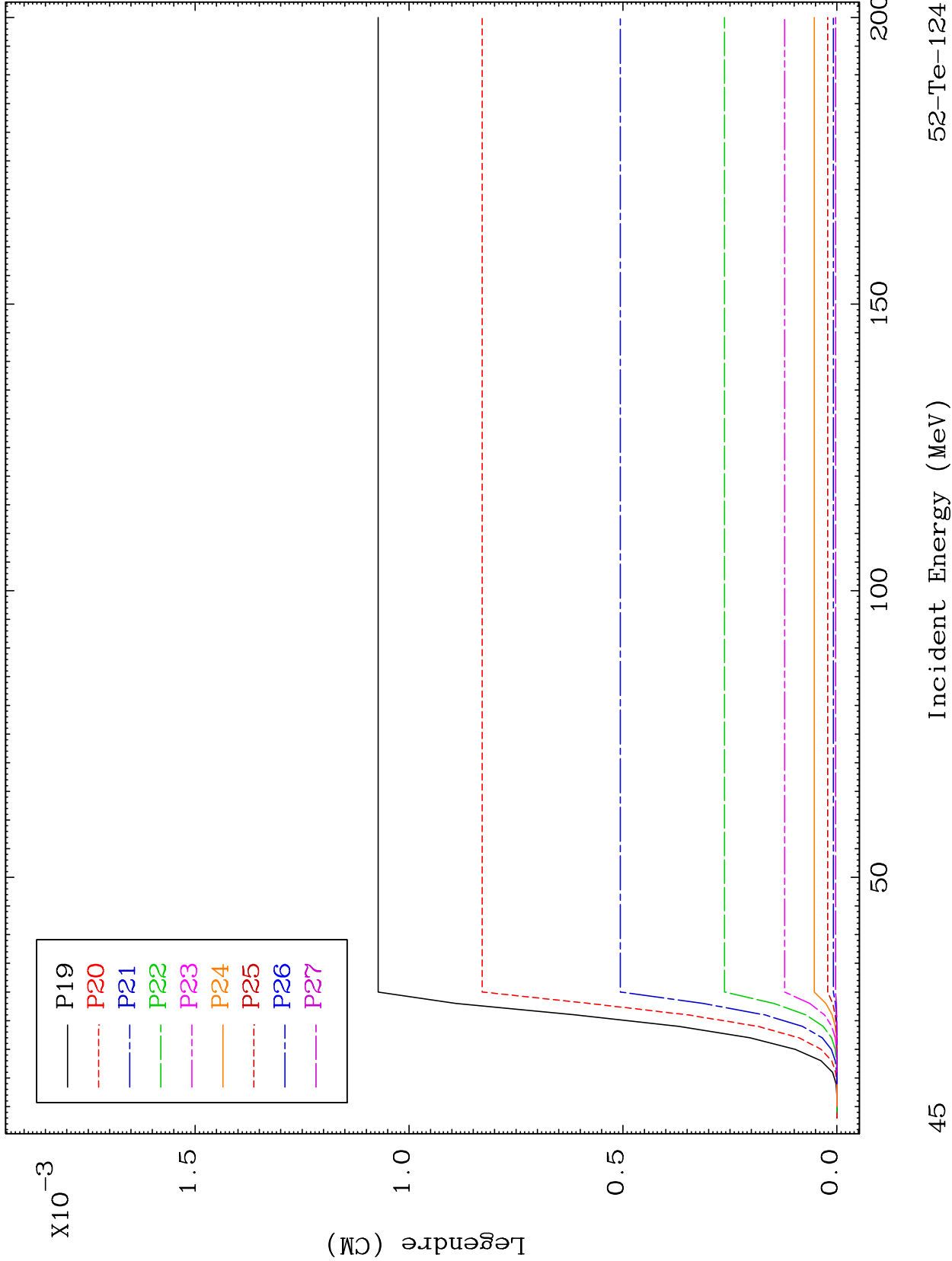
Incident Energy (MeV)

52-Te-124

MAT 5237

1.958 MeV (n,n') Level
Legendre Coefficients

52-Te-124



45

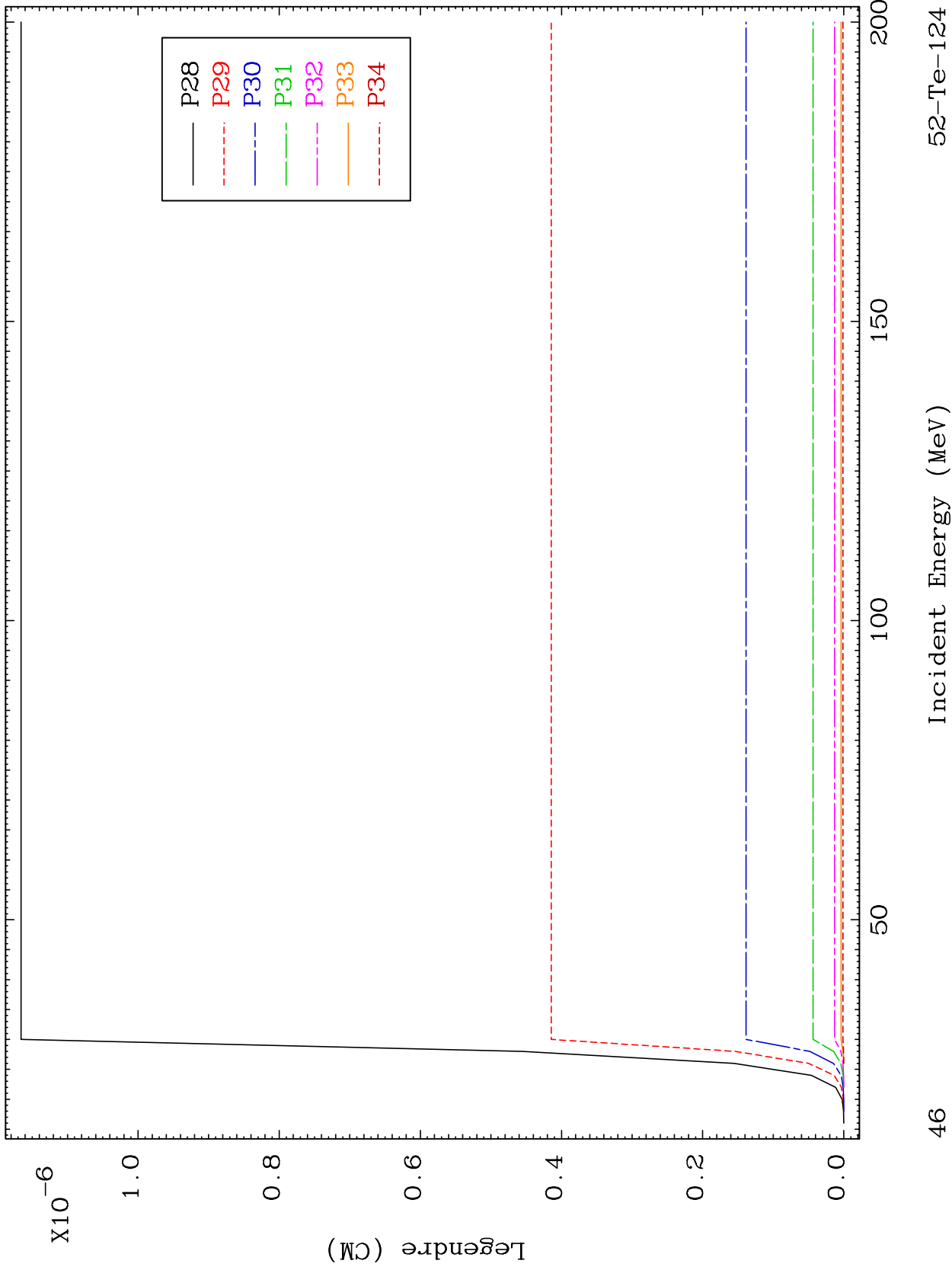
Incident Energy (MeV)

52-Te-124

MAT 5237

1.958 MeV (n,n') Level
Legendre Coefficients

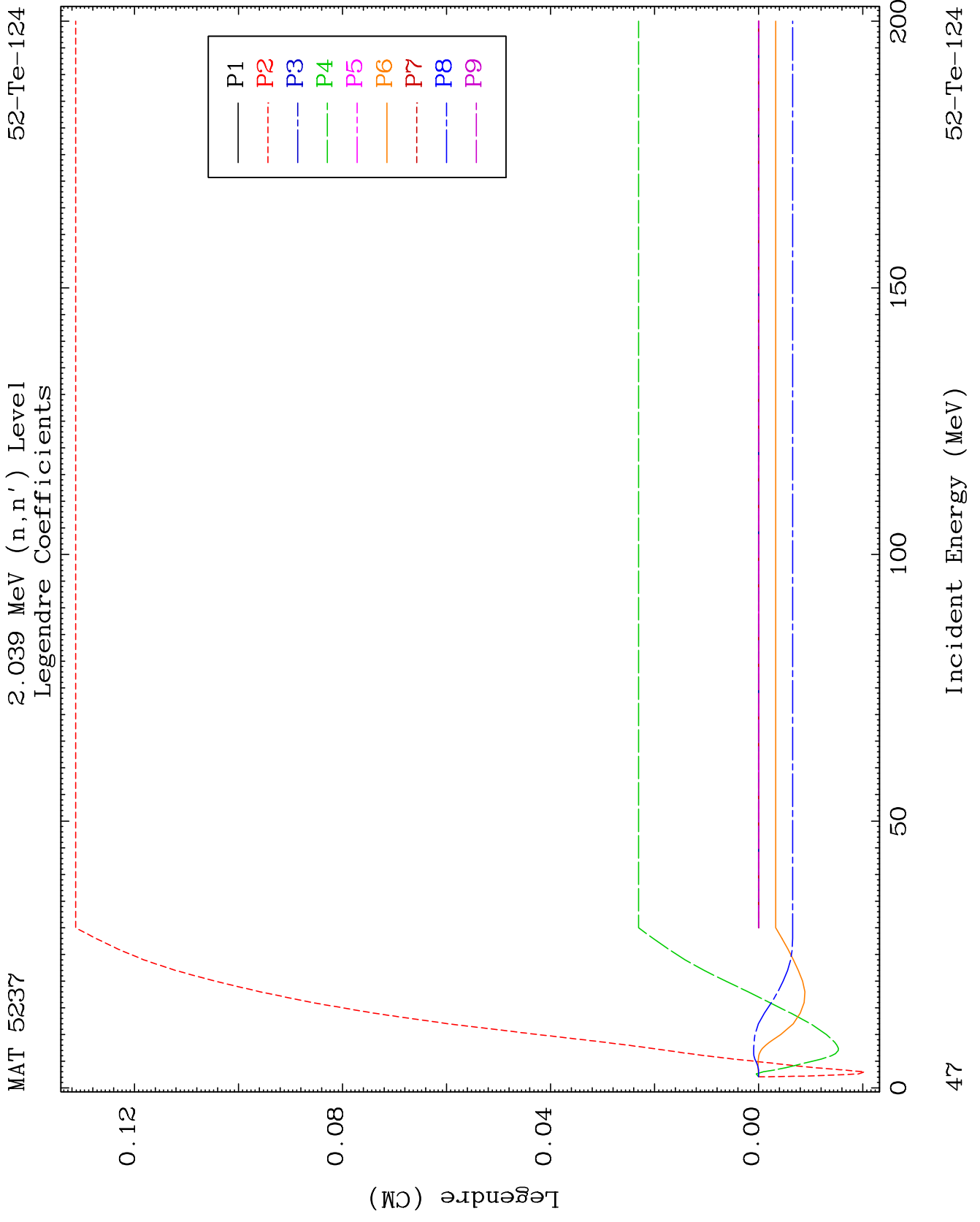
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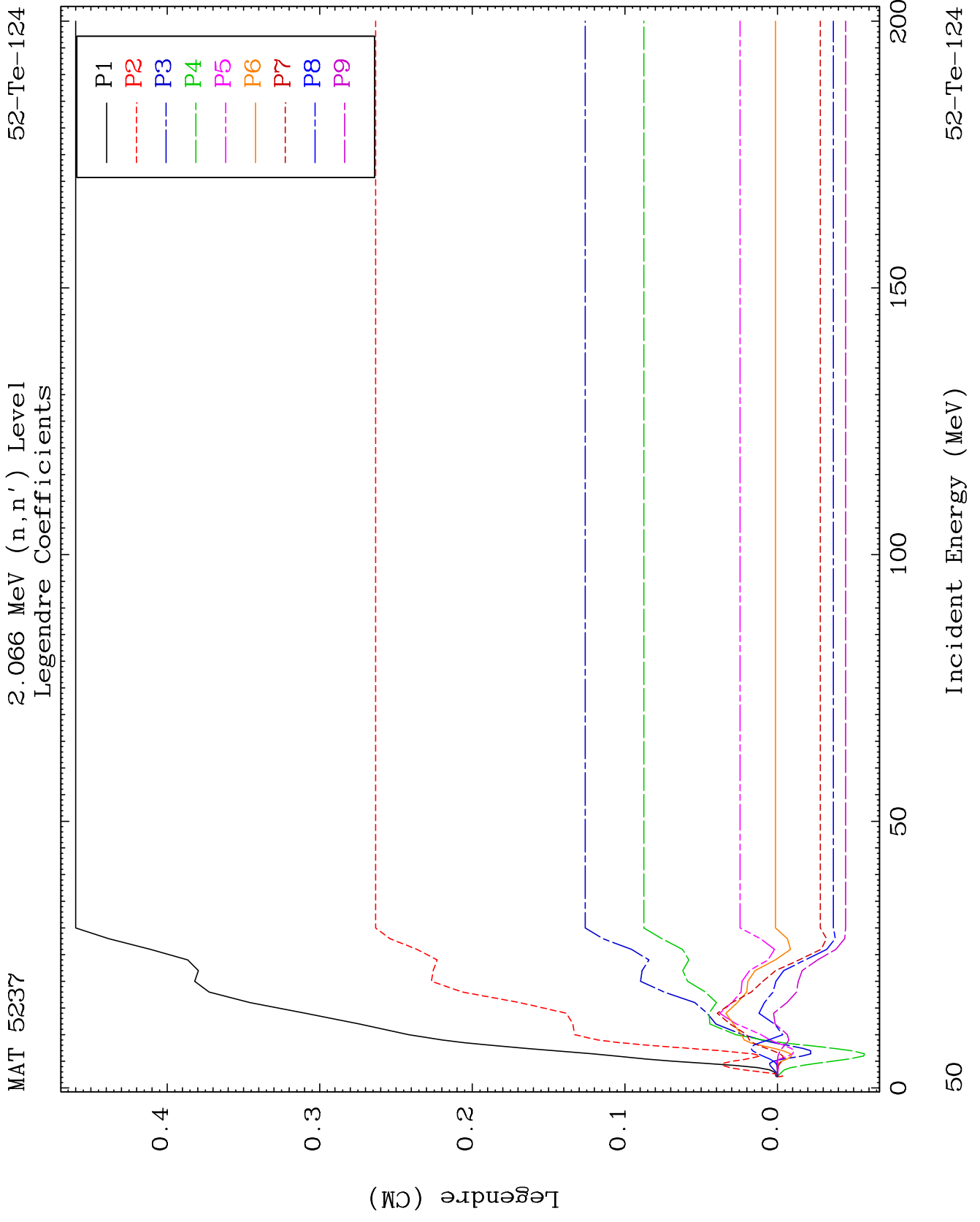


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Incident Energy (MeV)

52-Te-124

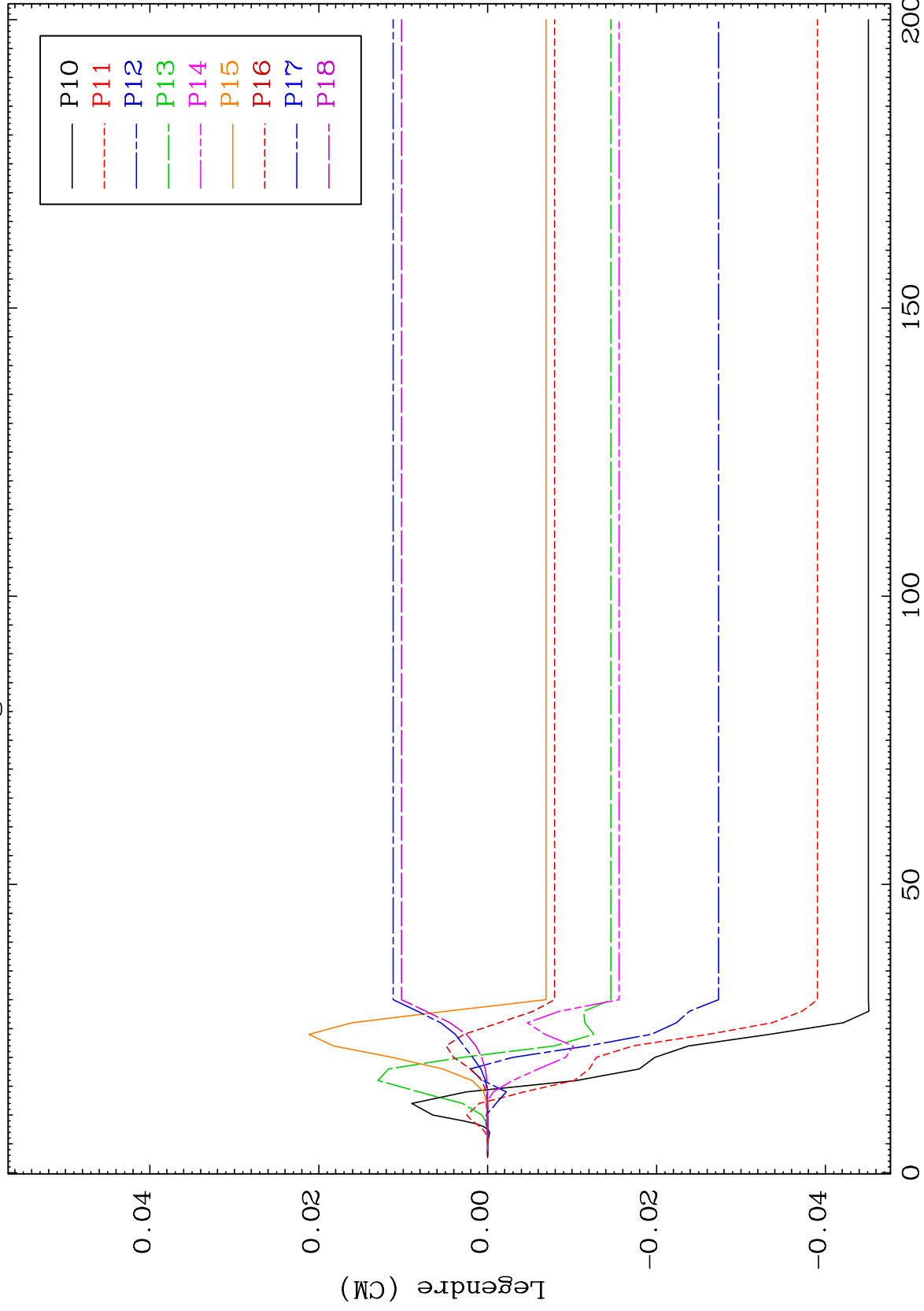




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2.066 MeV (n,n') Level
Legendre Coefficients

52-Te-124



51

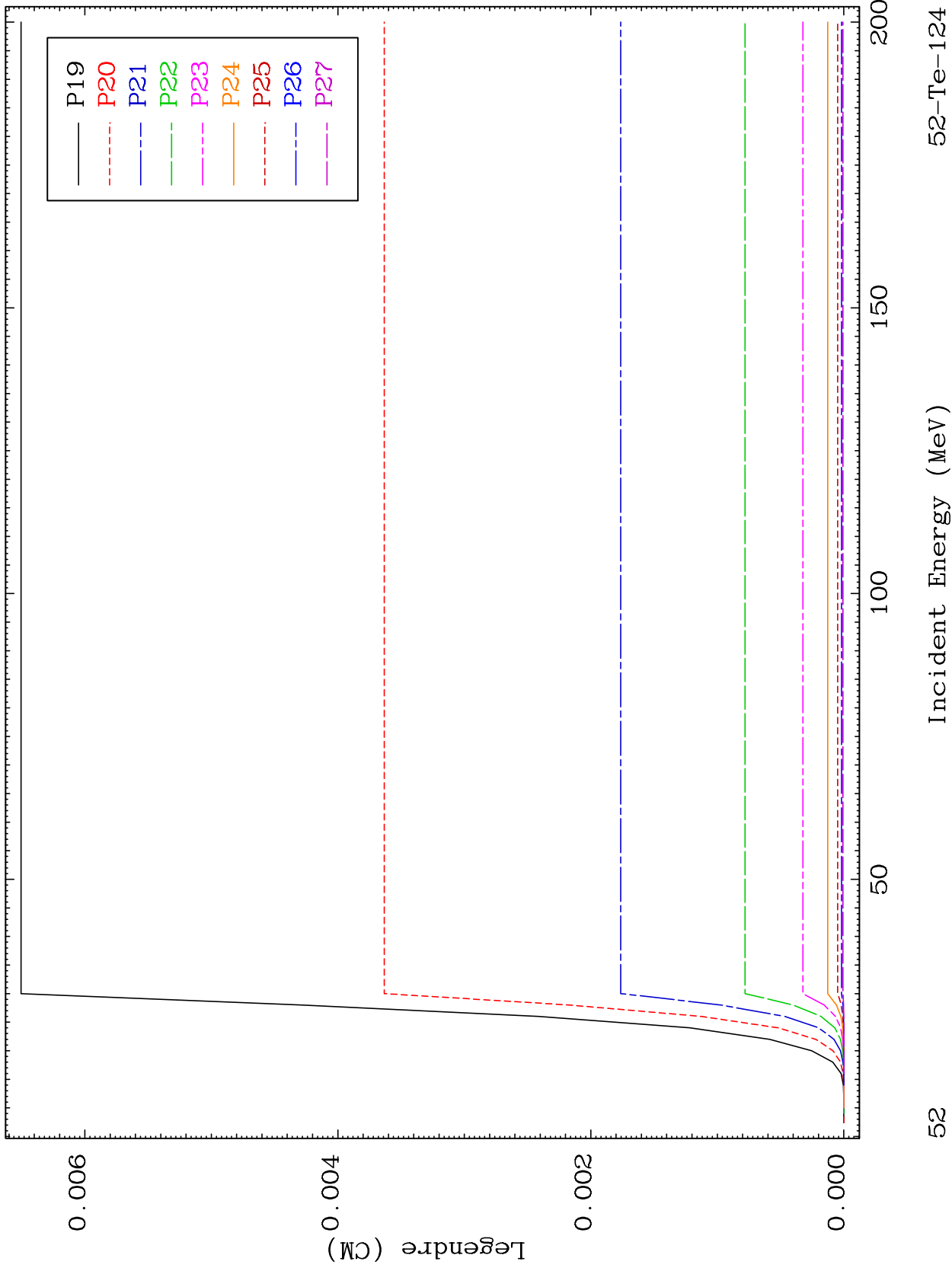
Incident Energy (MeV)

52-Te-124

MAT 5237

2.066 MeV (n, n') Level
Legendre Coefficients

52-Te-124



52

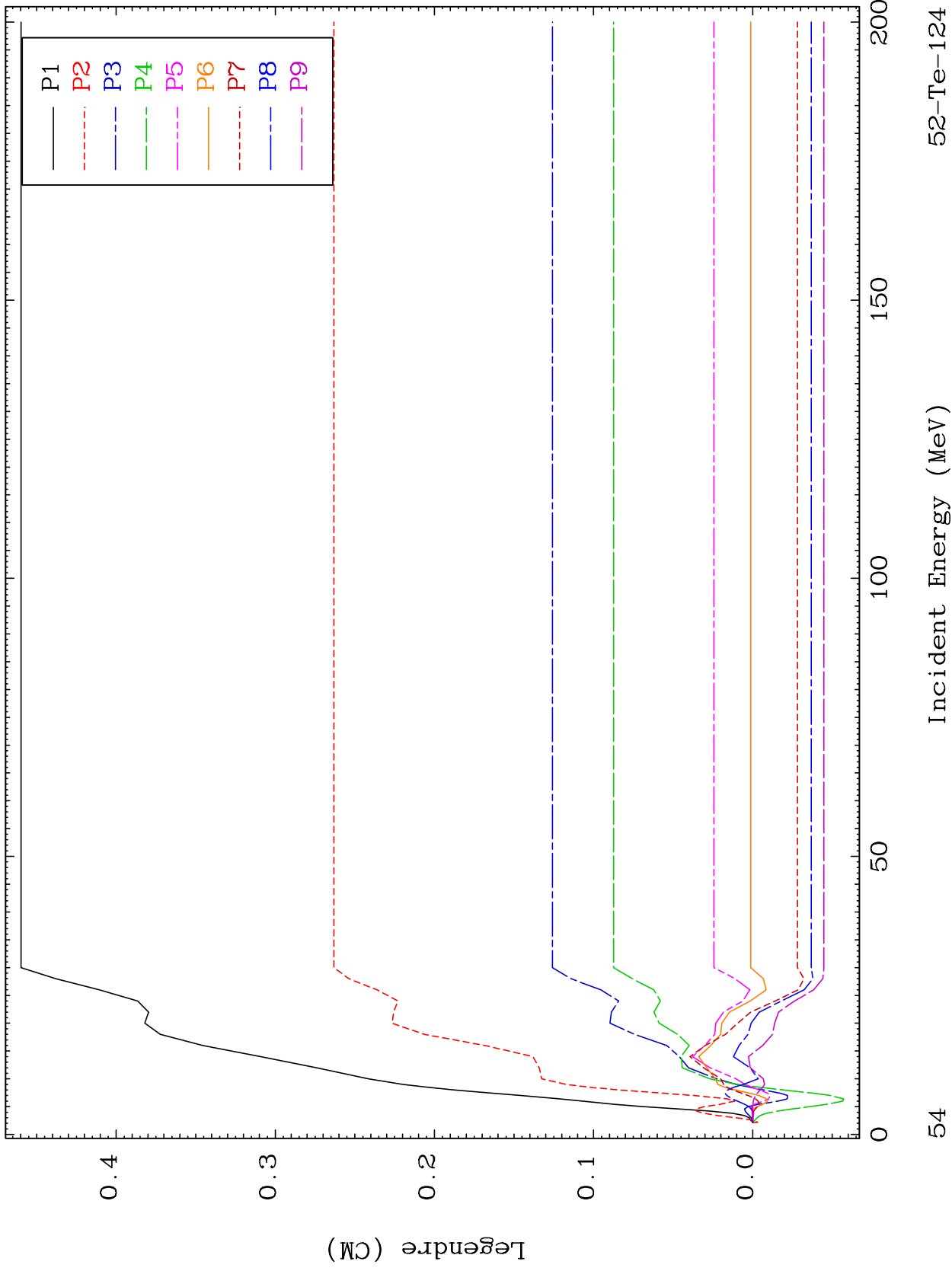
Incident Energy (MeV)

52-Te-124

MAT 5237

2.092 MeV (n,n') Level
Legendre Coefficients

52-Te-124



54

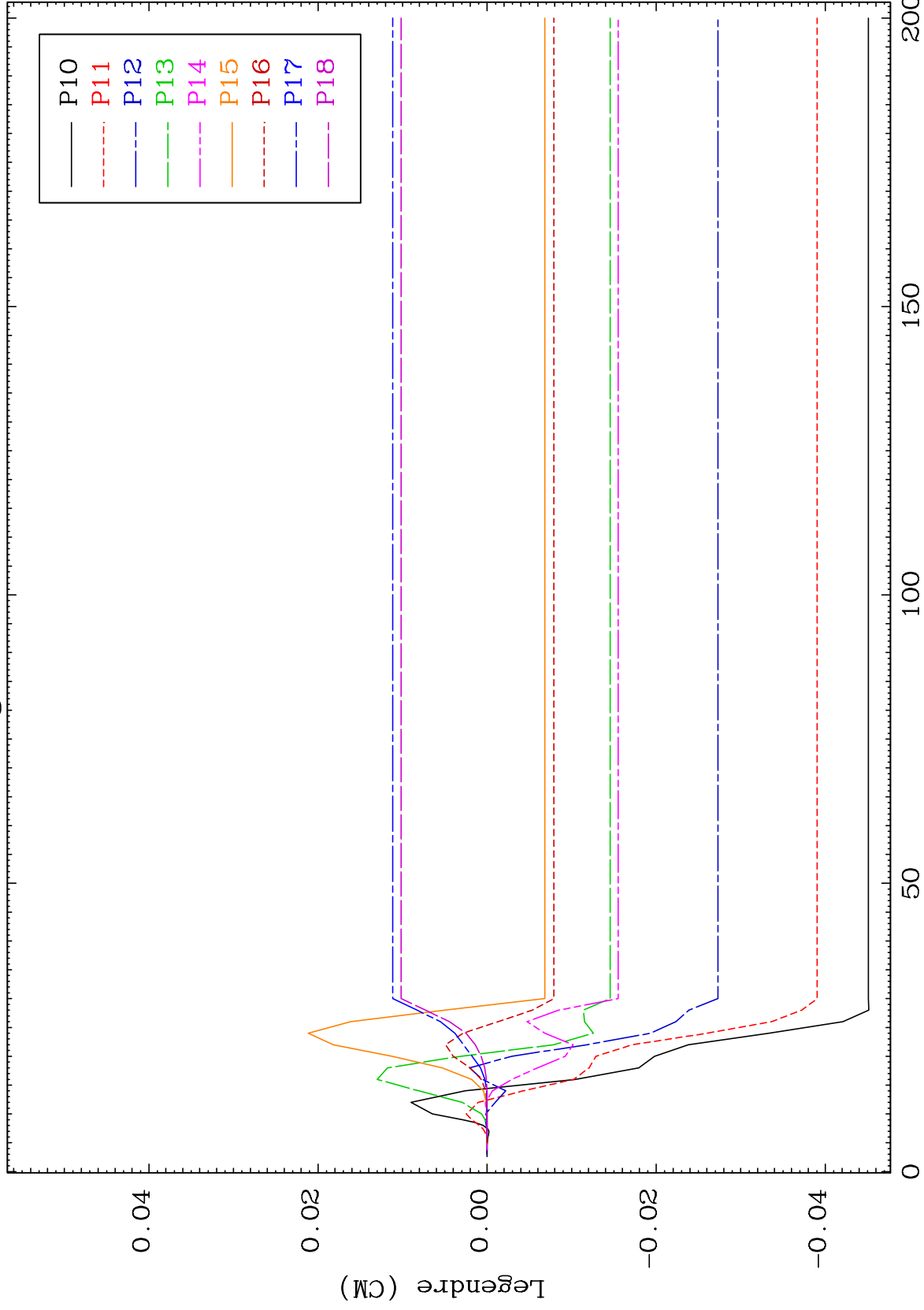
Incident Energy (MeV)

52-Te-124

MAT 5237

2.092 MeV (n,n') Level
Legendre Coefficients

52-Te-124



55

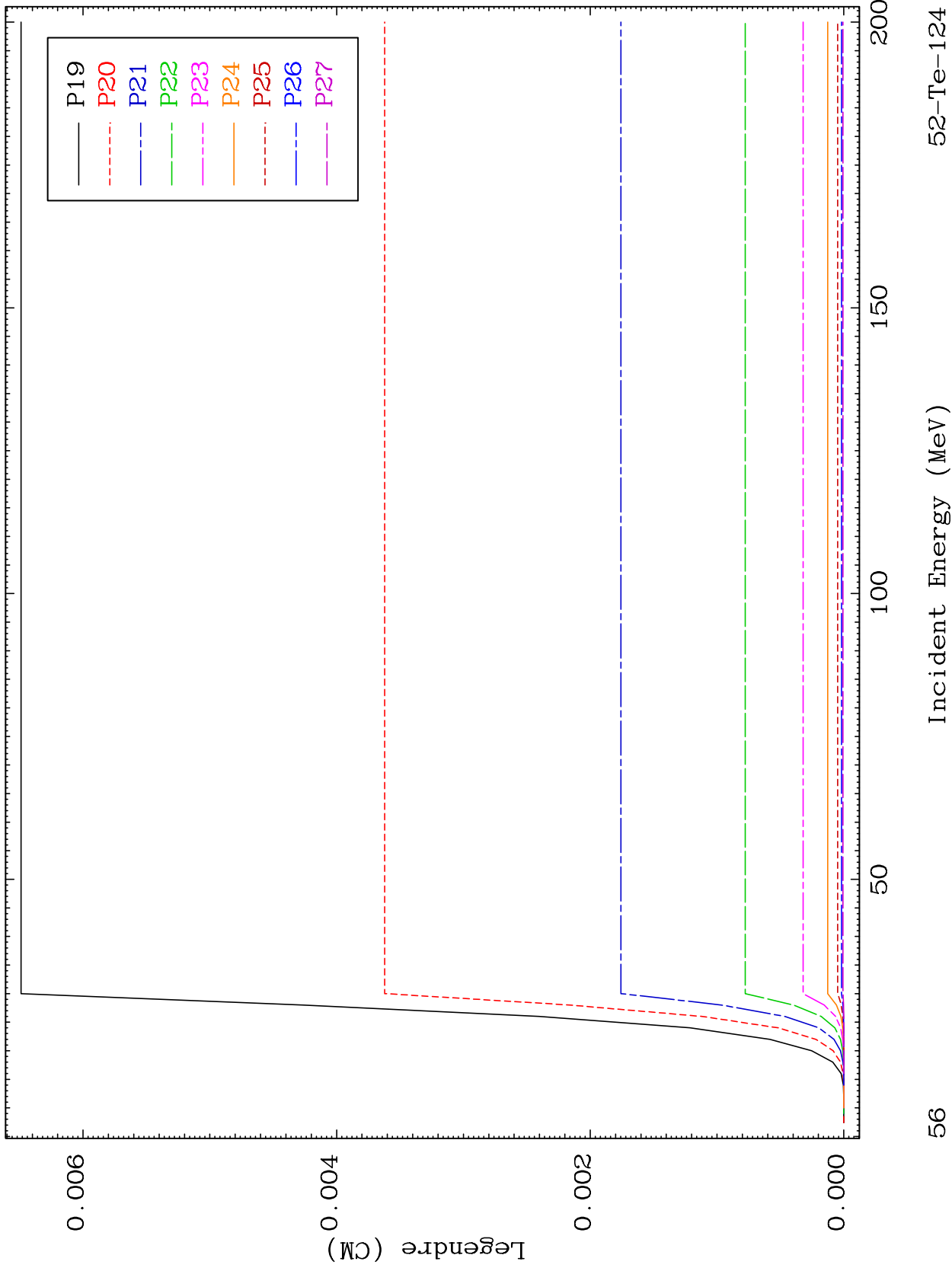
Incident Energy (MeV)

52-Te-124

MAT 5237

2.092 MeV (n,n') Level
Legendre Coefficients

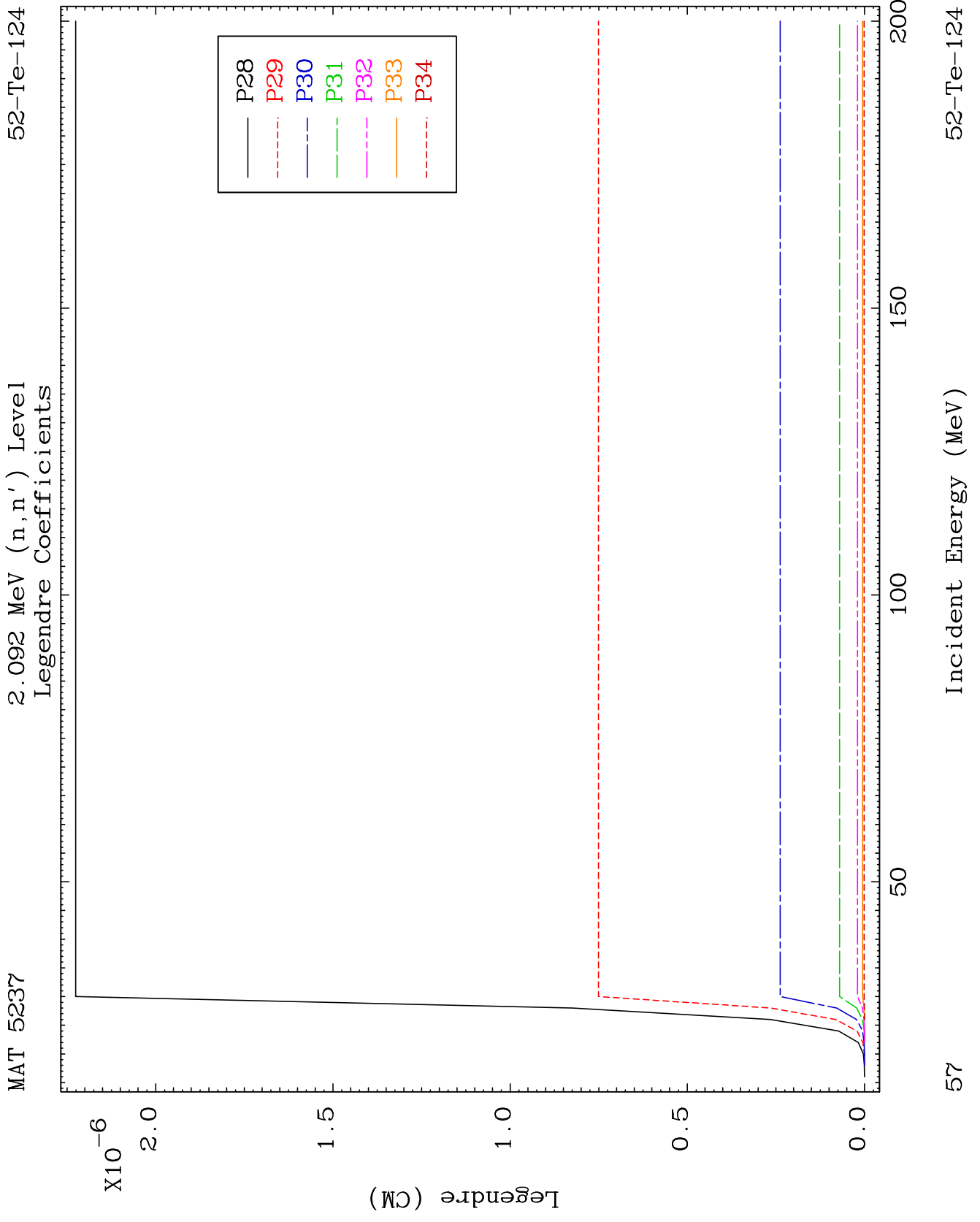
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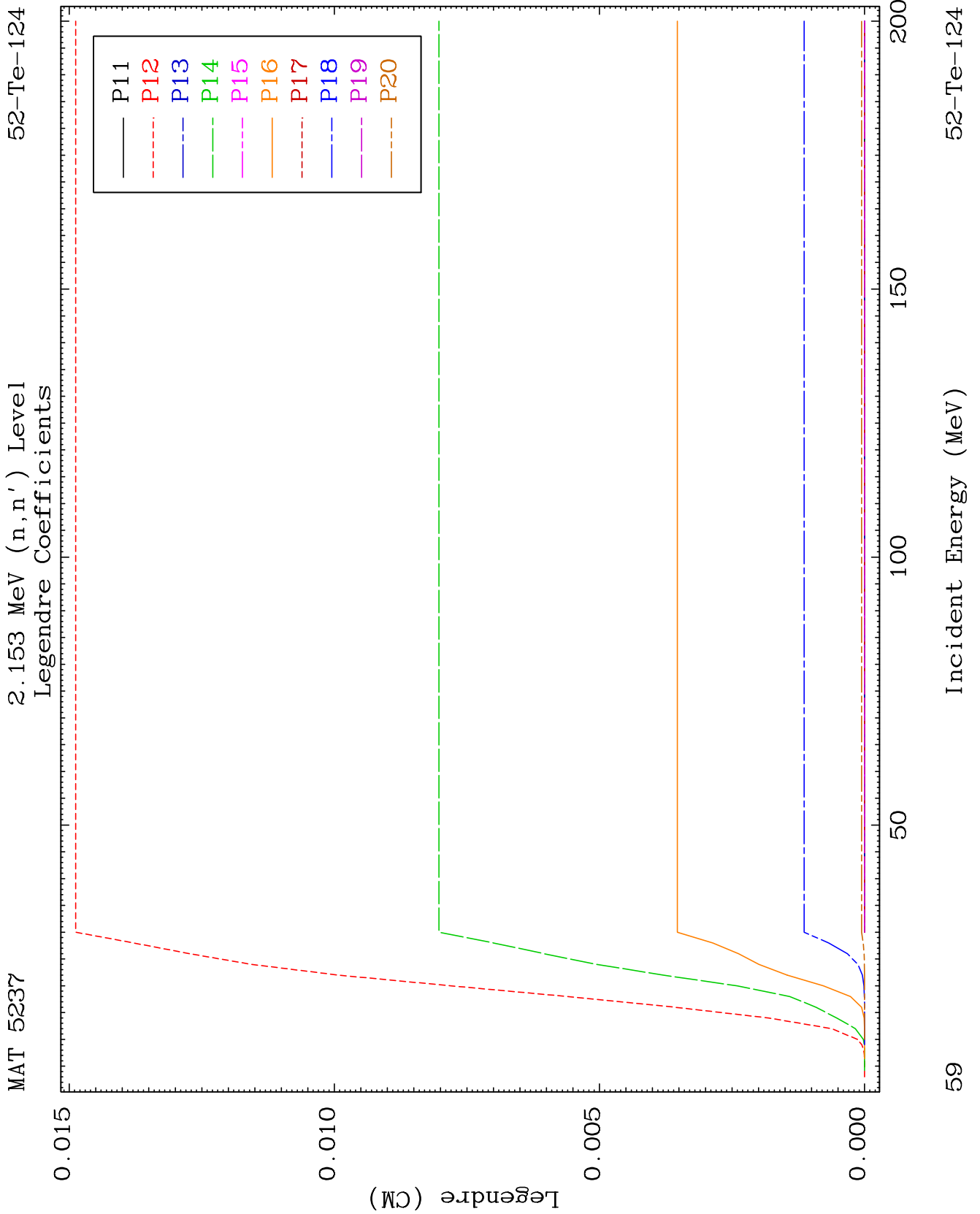


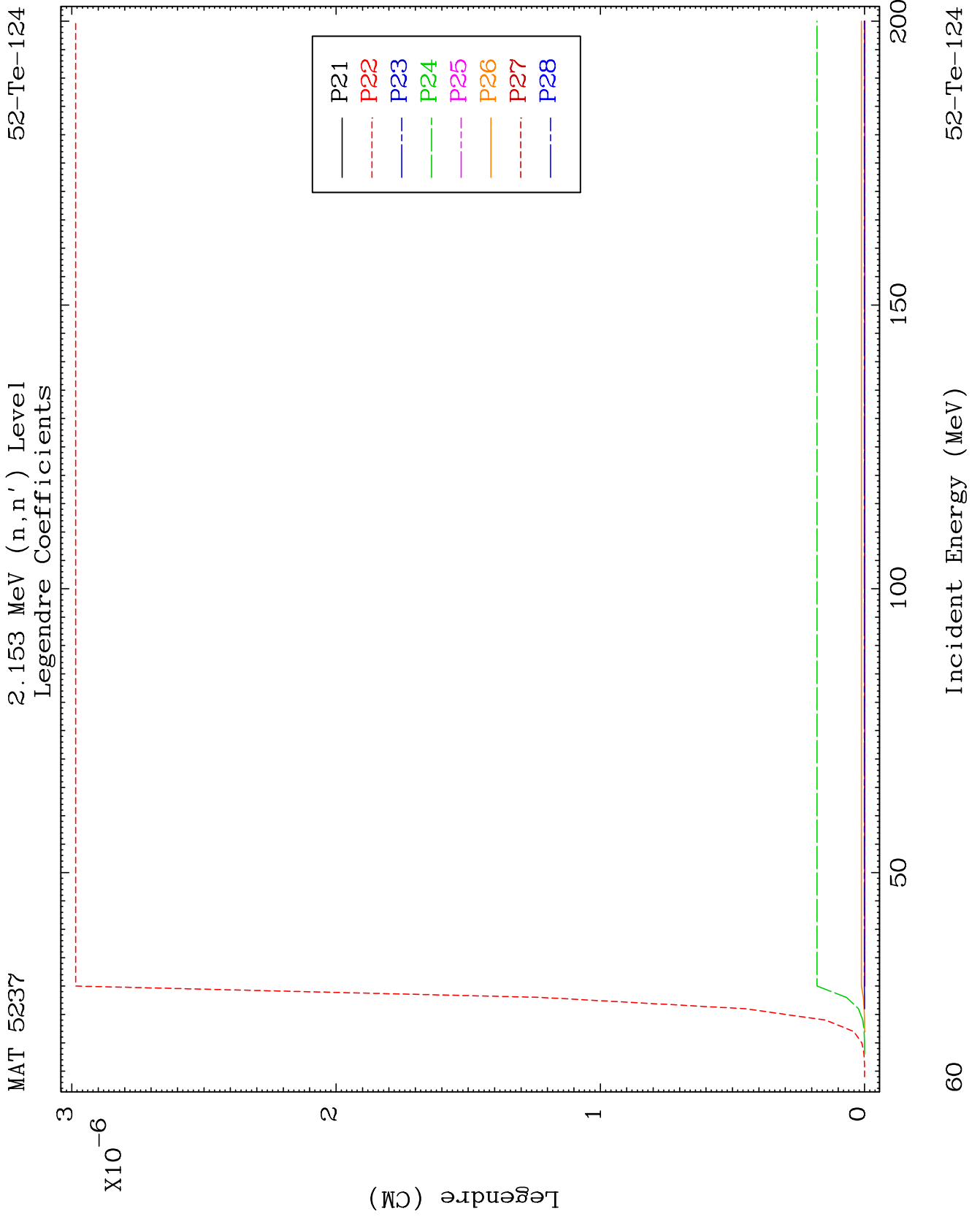
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Incident Energy (MeV)

52-Te-124



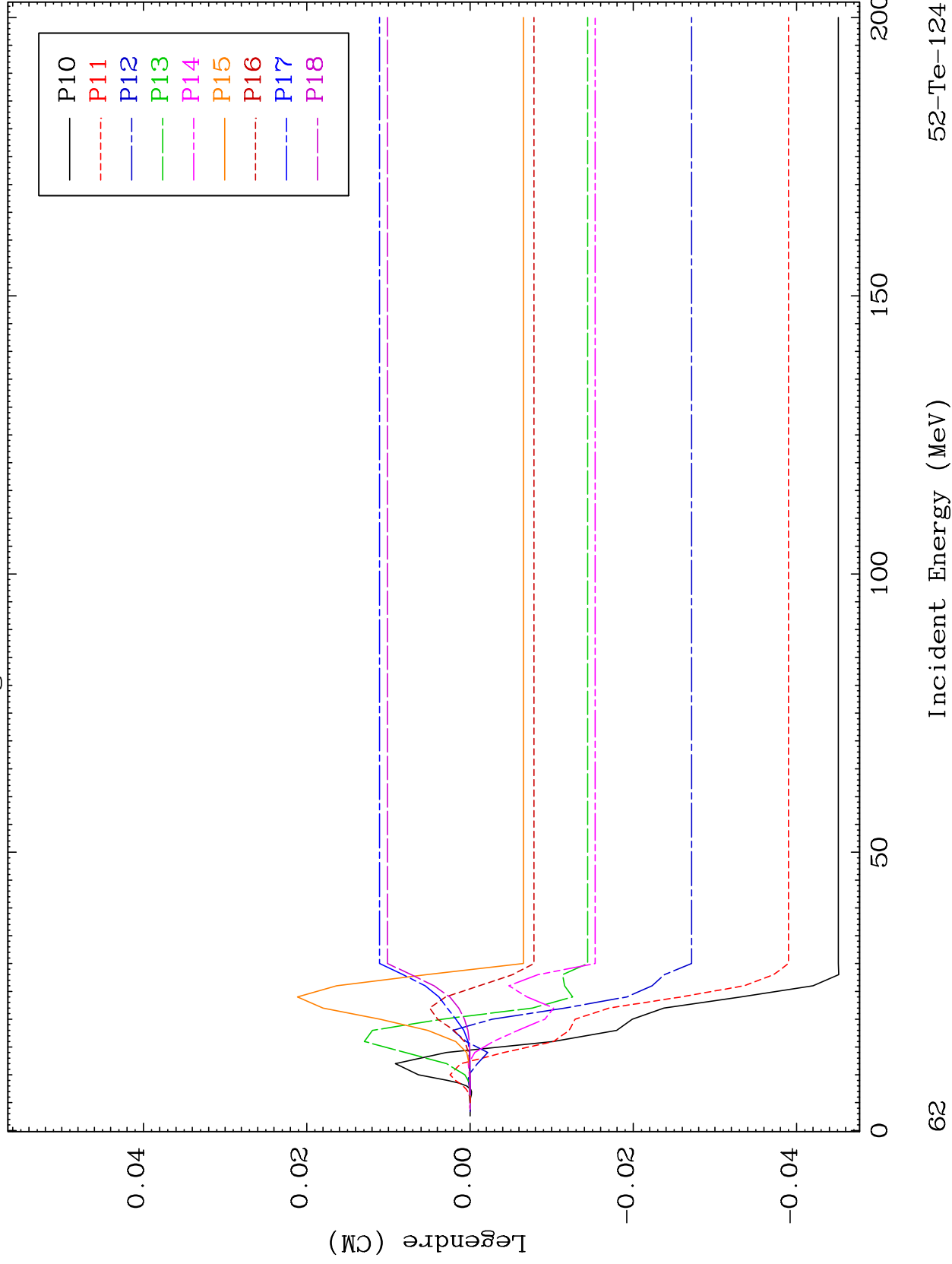




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2.182 MeV (n,n') Level
Legendre Coefficients

52-Te-124



62

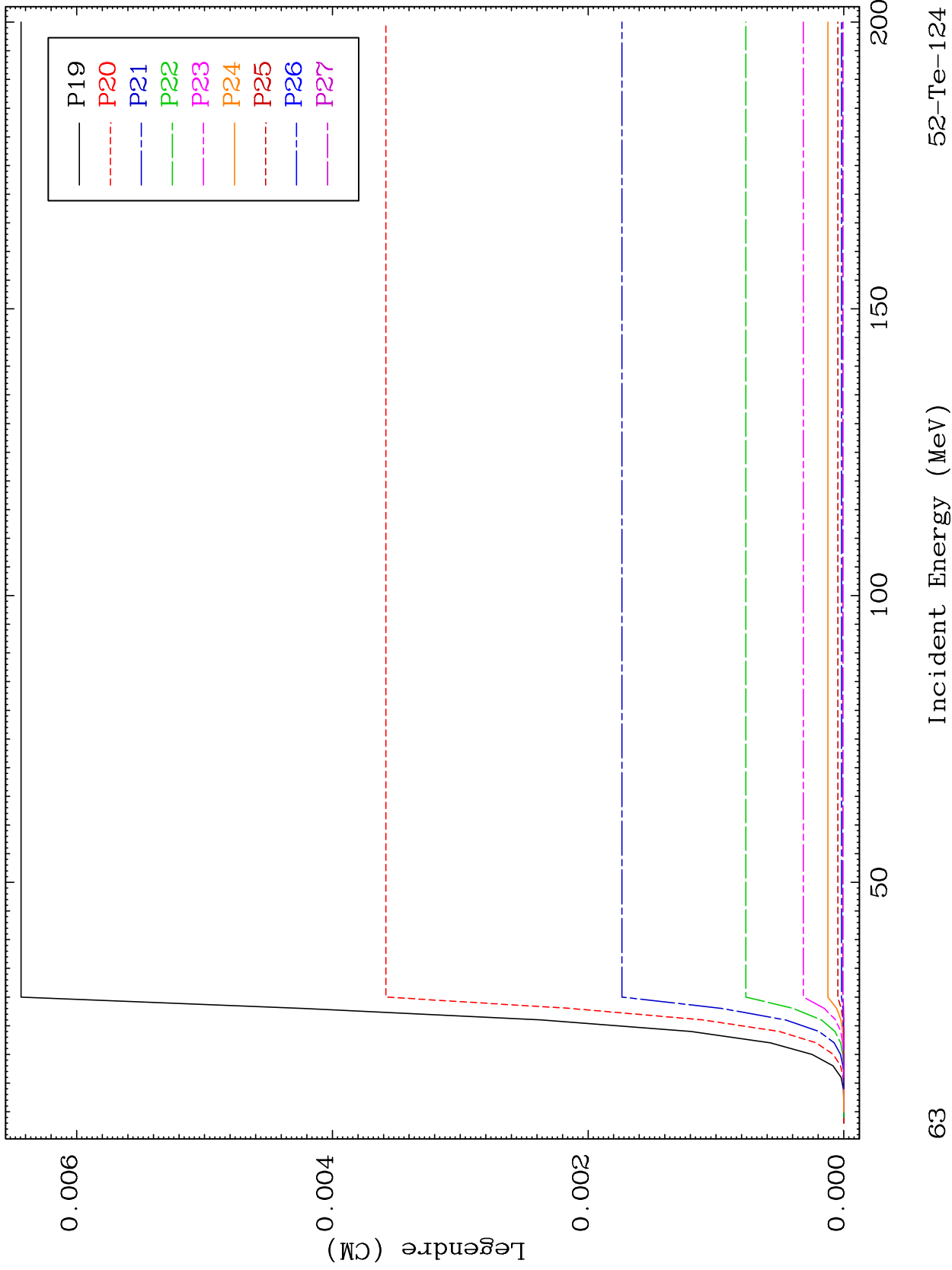
Incident Energy (MeV)

52-Te-124

MAT 5237

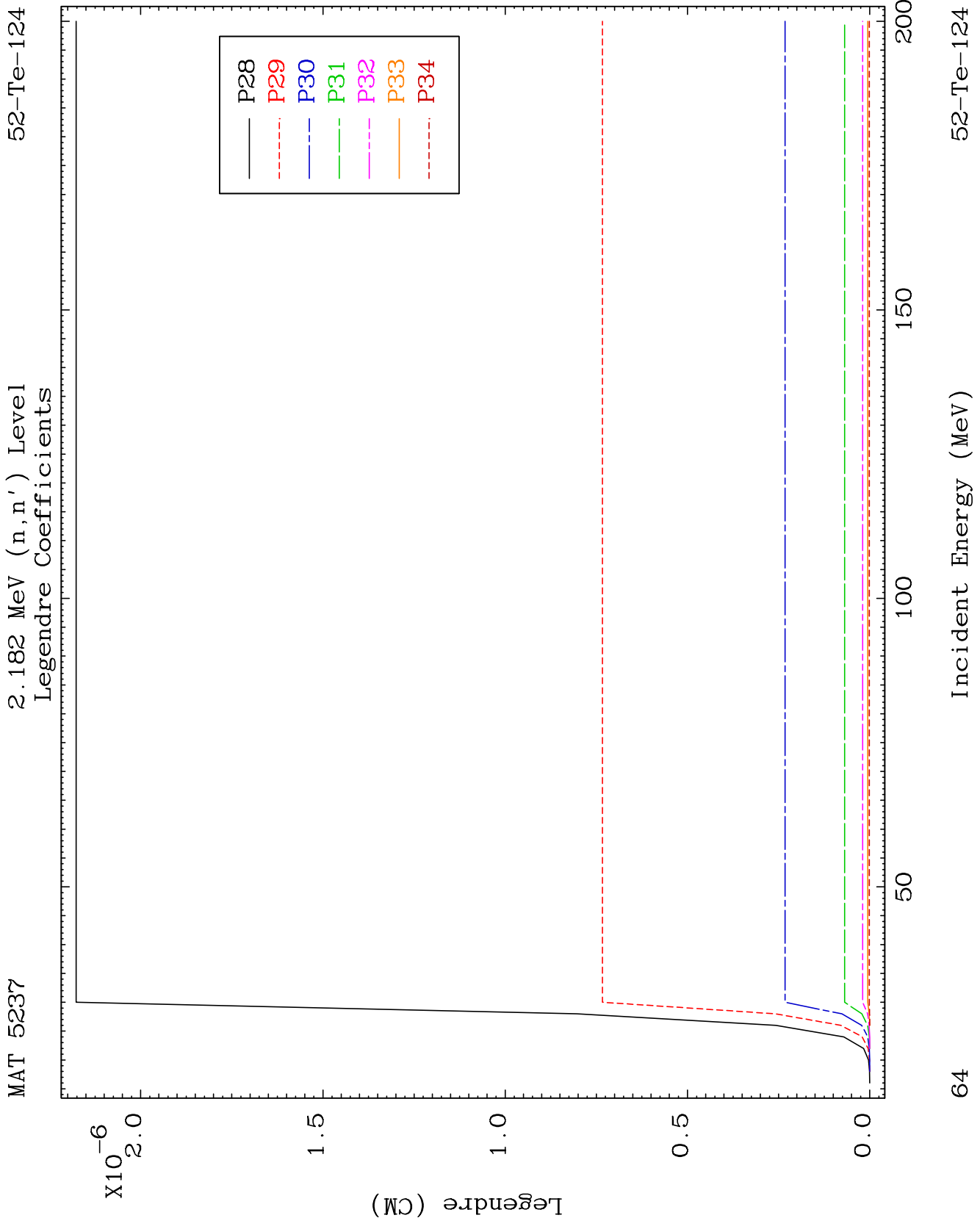
2.182 MeV (n, n') Level
Legendre Coefficients

52-Te-124



63

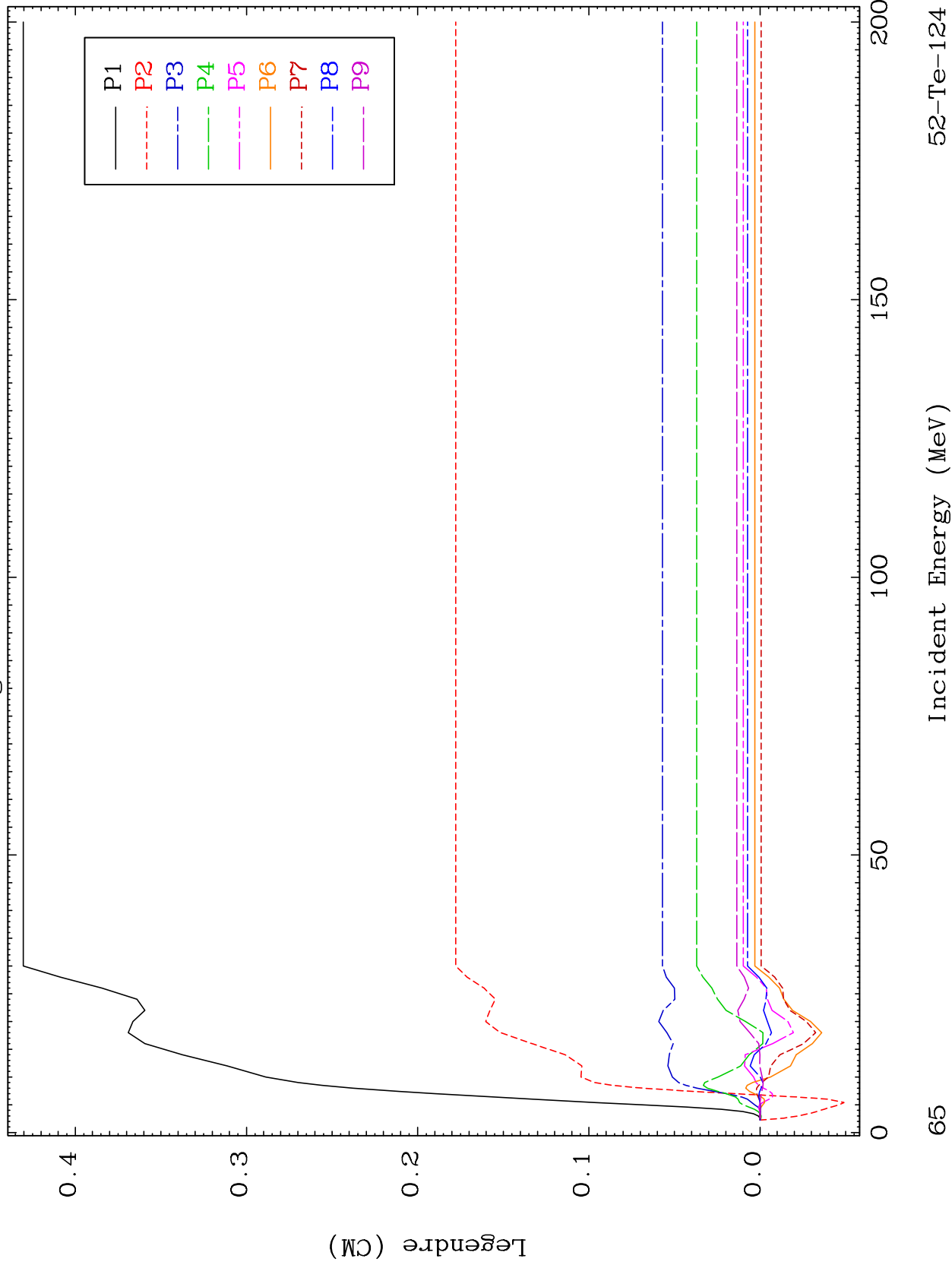
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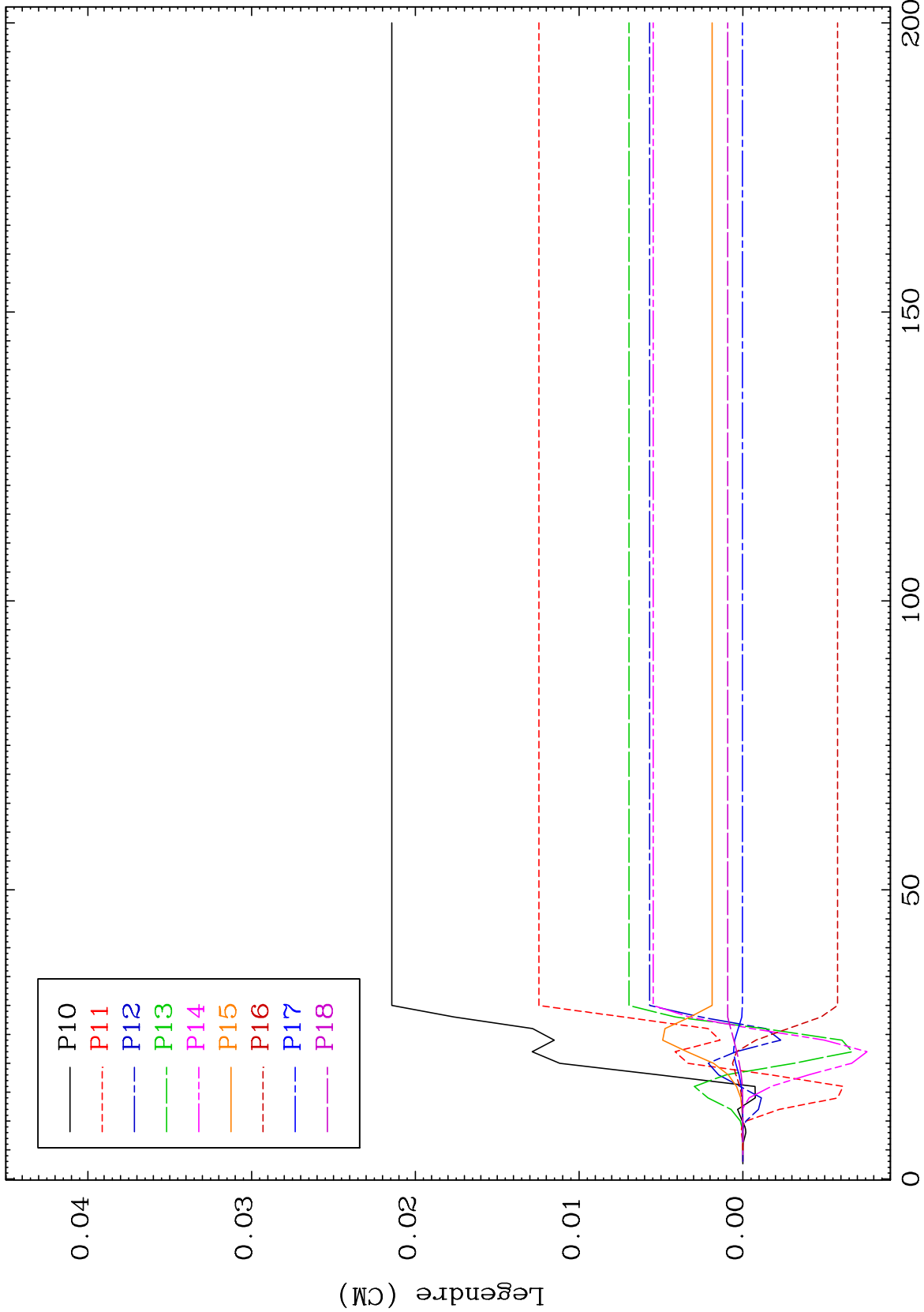


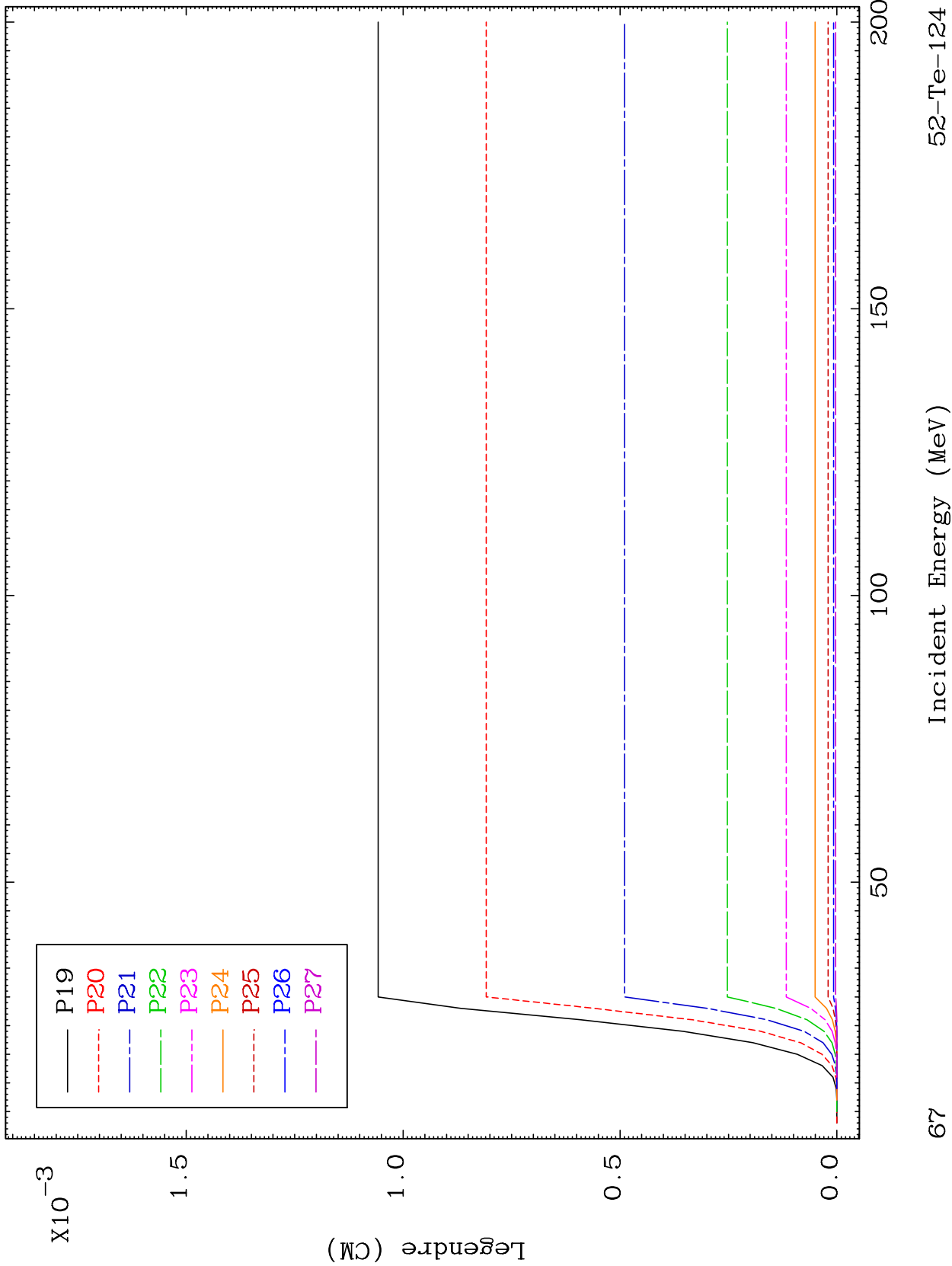
MAT 5237

2.225 MeV (n, n') Level
Legendre Coefficients

52-Te-124



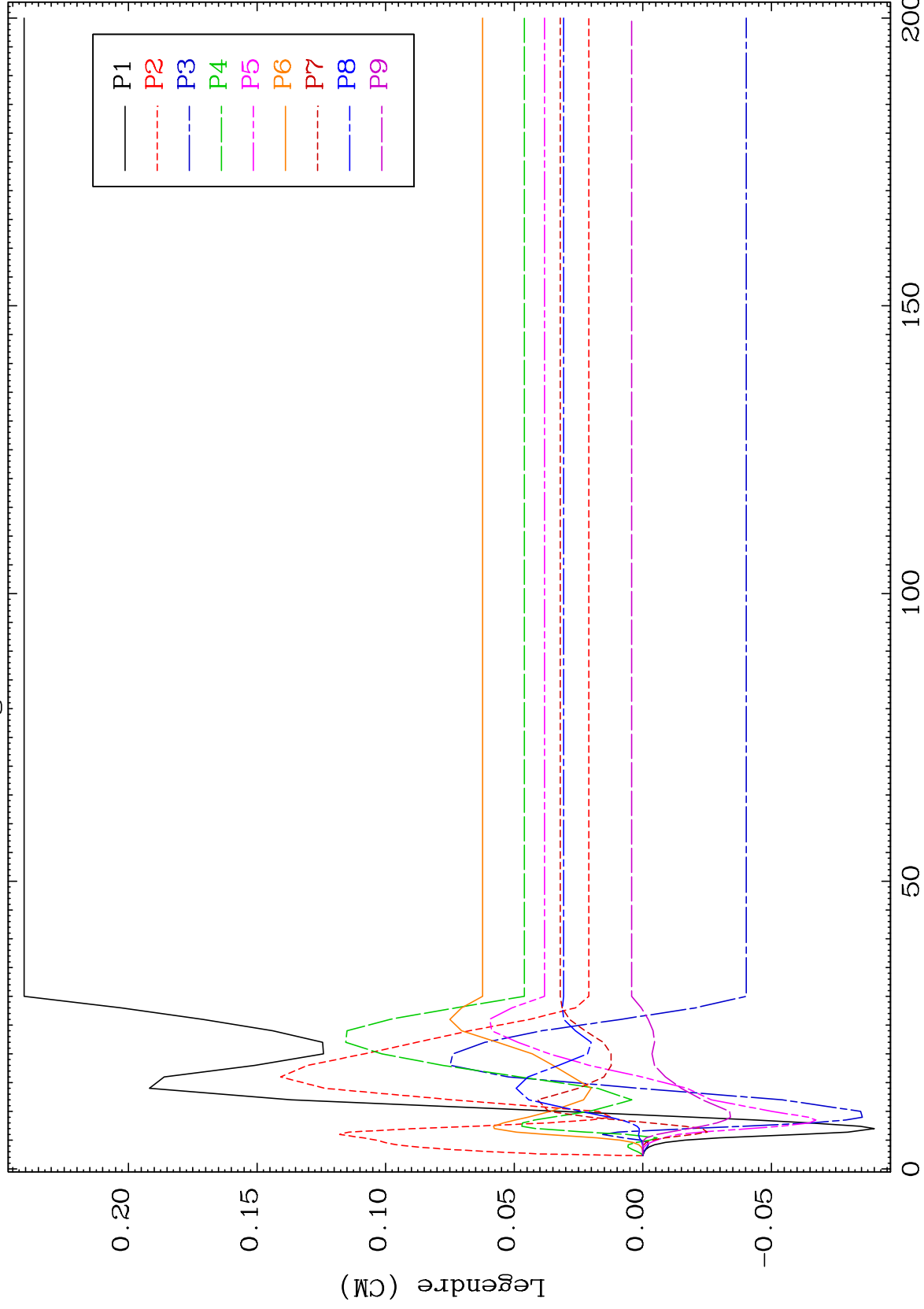




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2.274 MeV (n,n') Level
Legendre Coefficients

52-Te-124



69

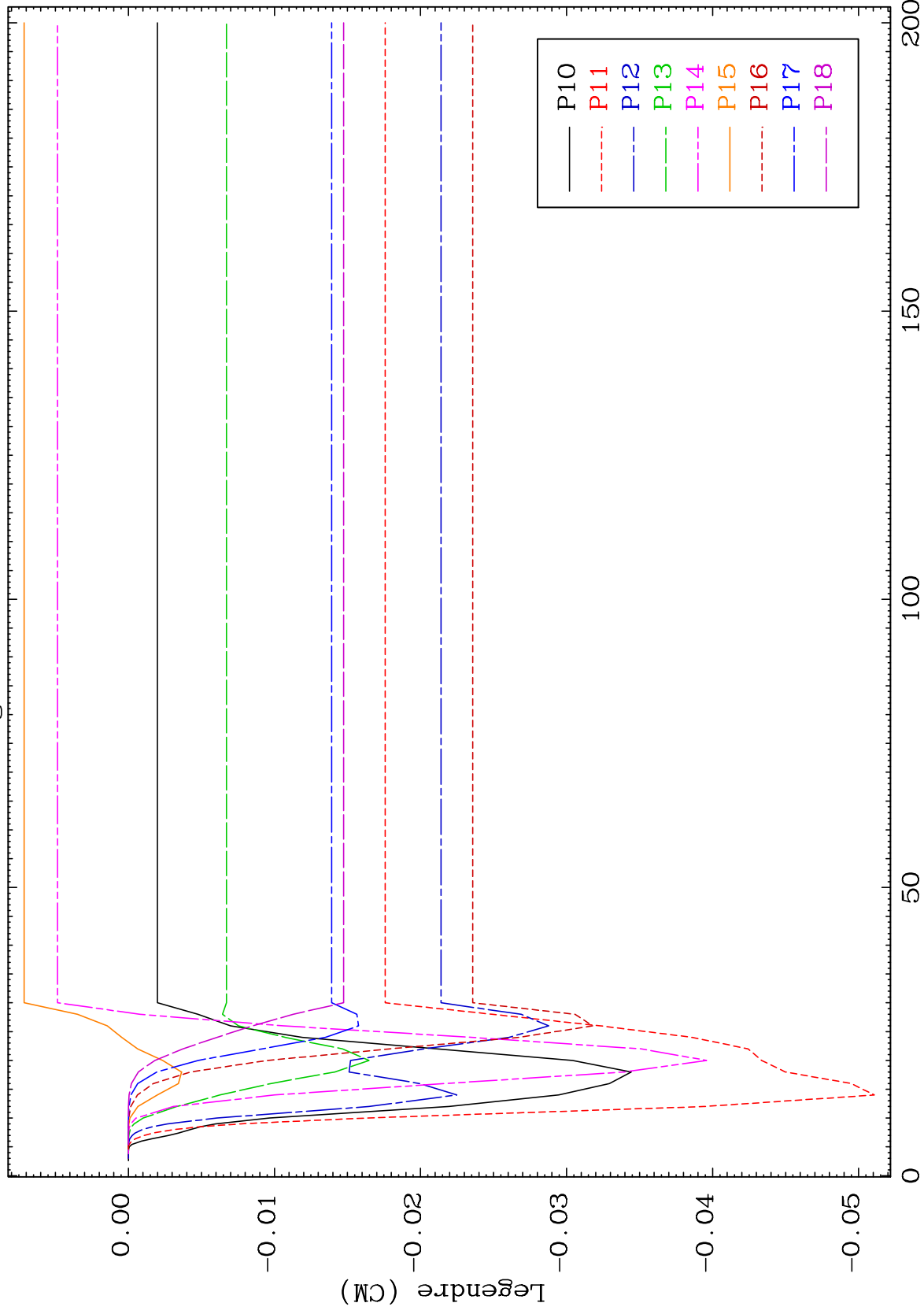
Incident Energy (MeV)

52-Te-124

MAT 5237

2.274 MeV (n,n') Level
Legendre Coefficients

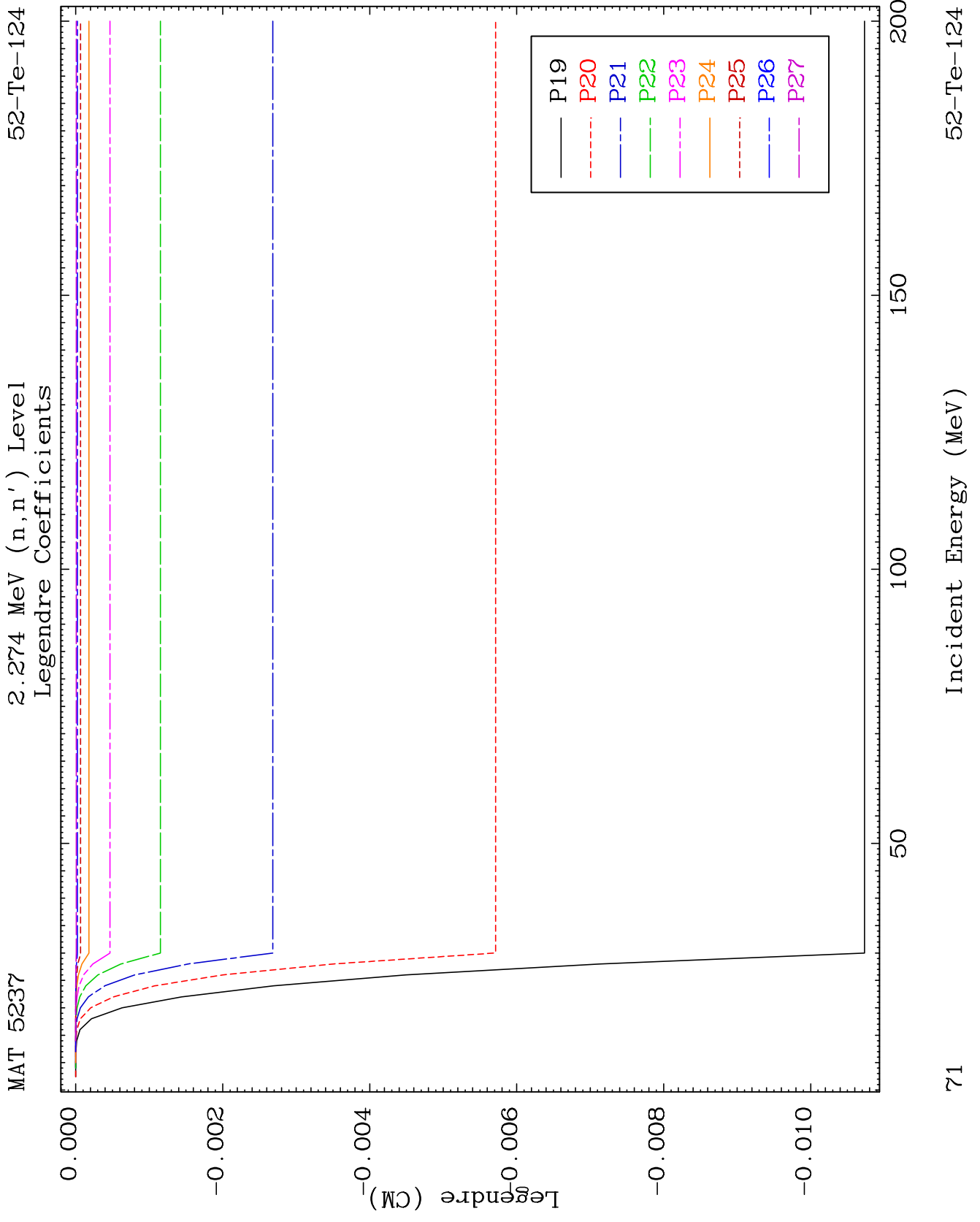
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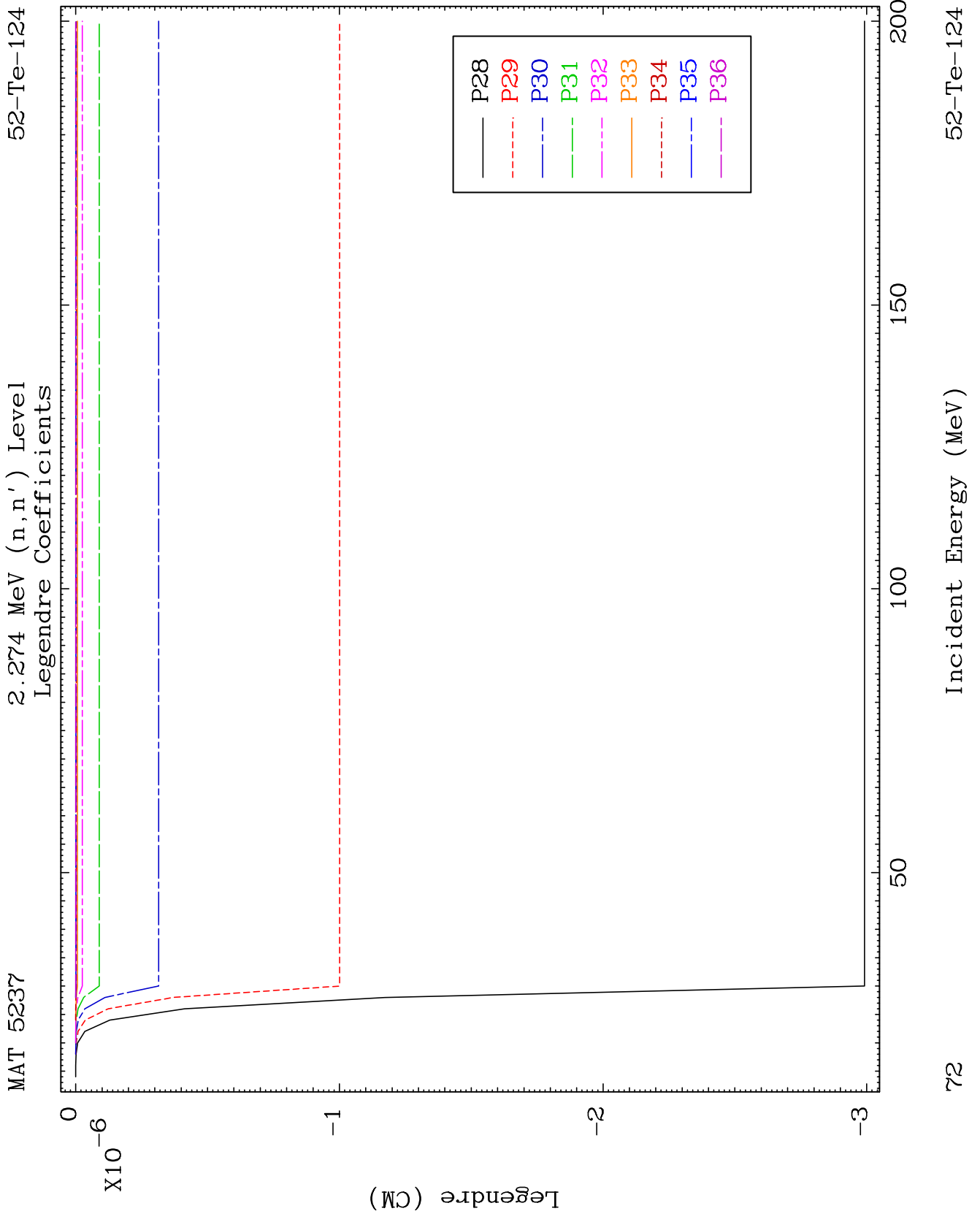


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Incident Energy (MeV)

52-Te-124

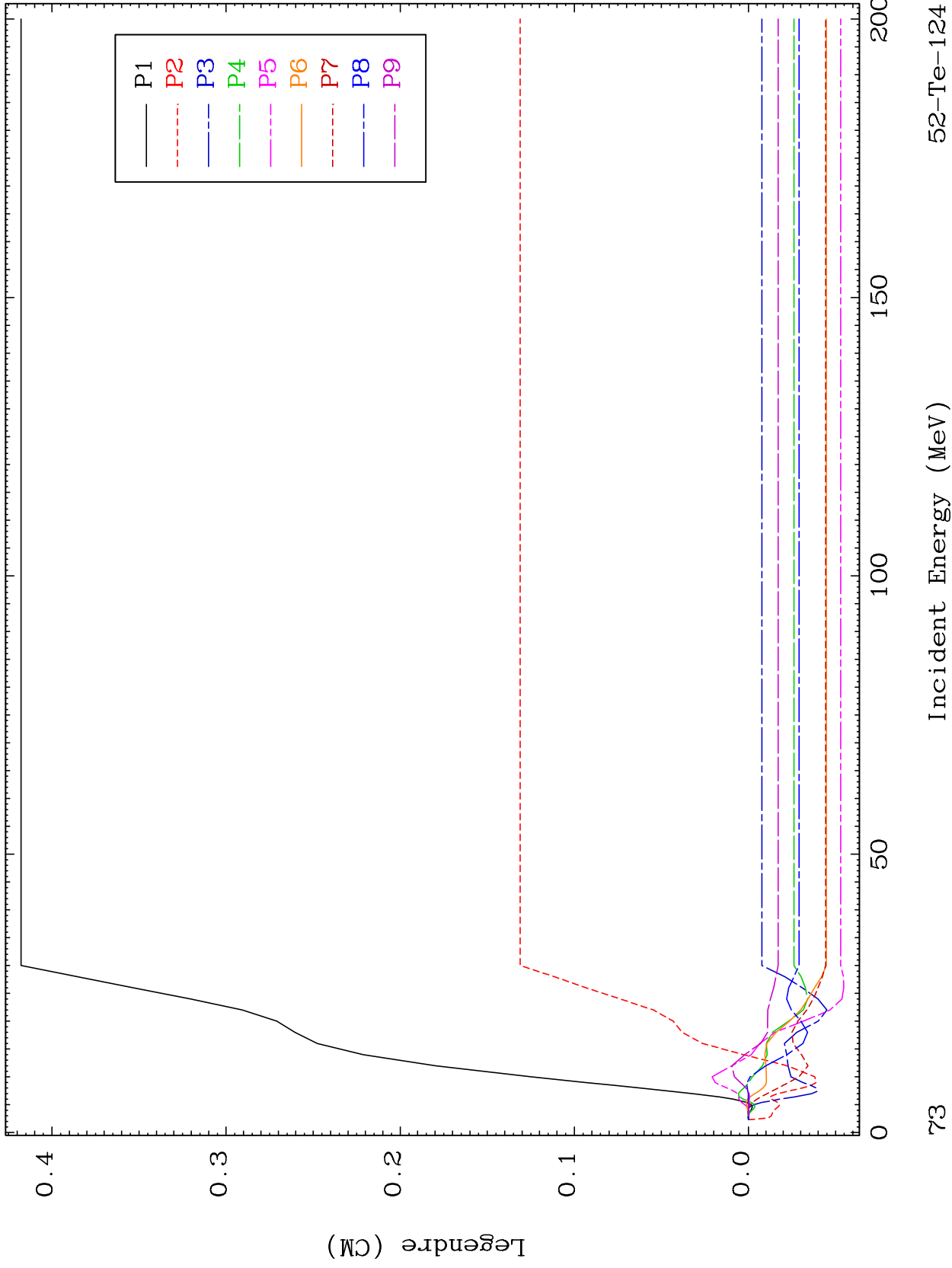




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2.282 MeV (n,n') Level
Legendre Coefficients

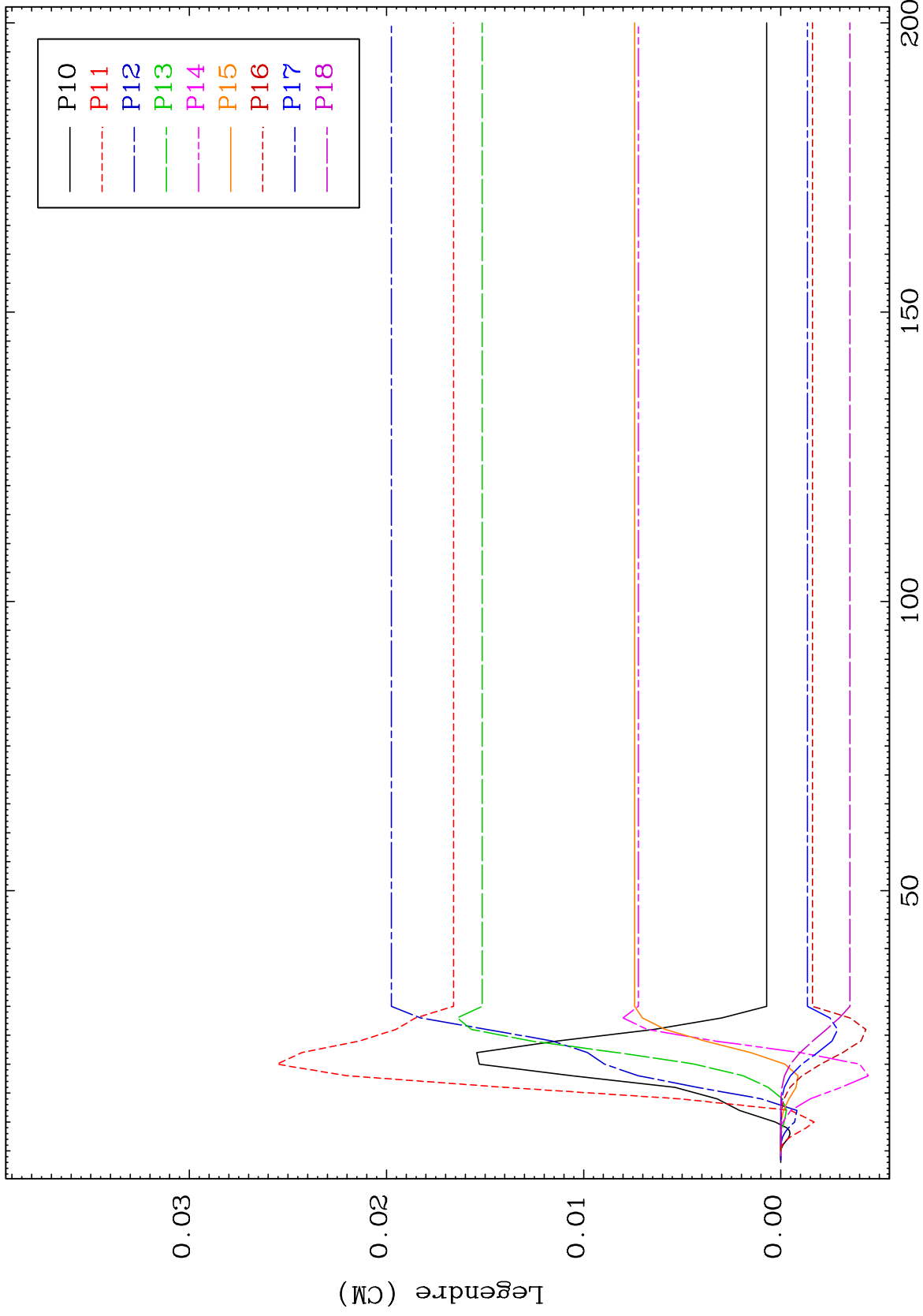
52-Te-124



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Incident Energy (MeV)

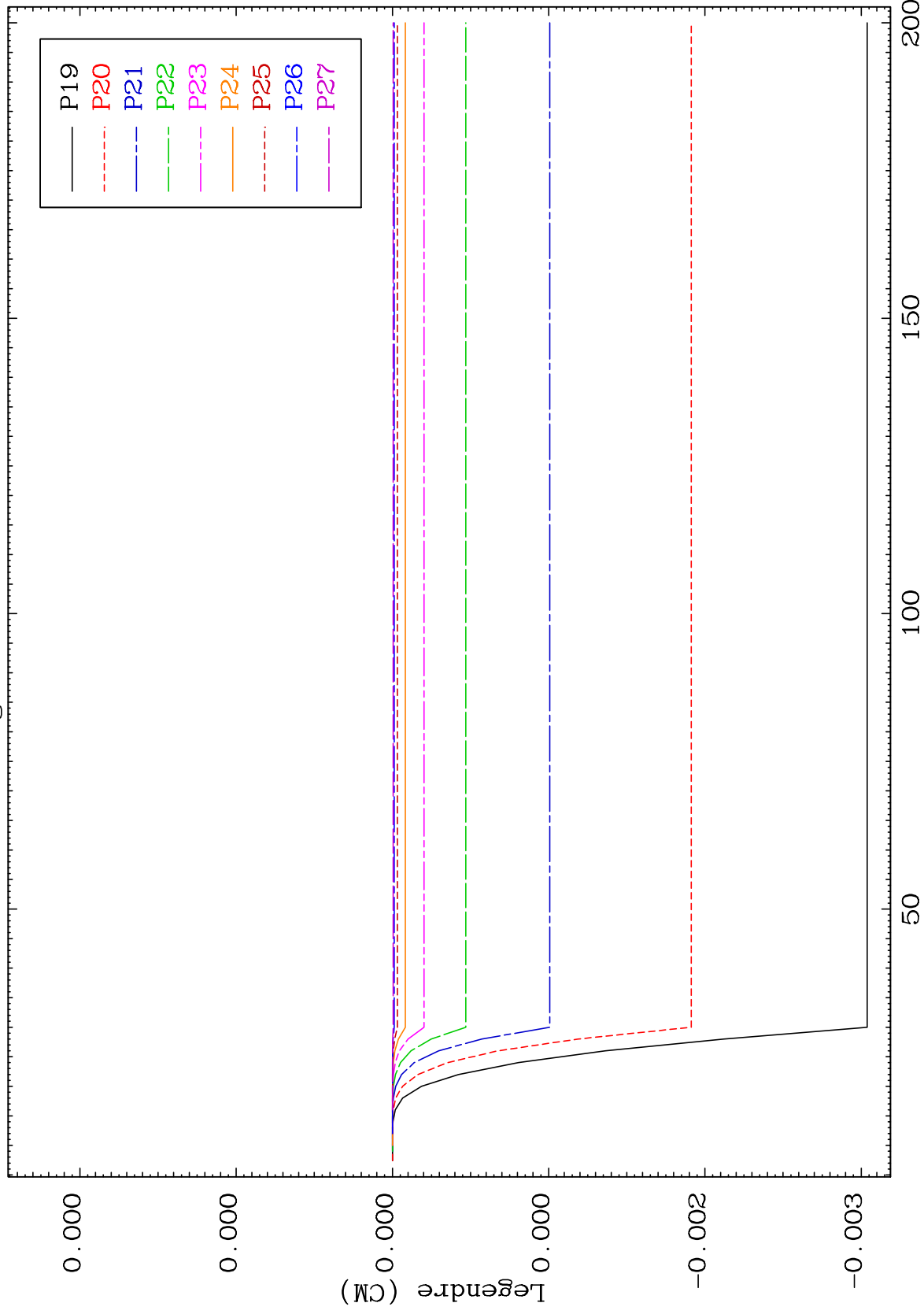
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MAT 5237

2.282 MeV (n,n') Level
Legendre Coefficients

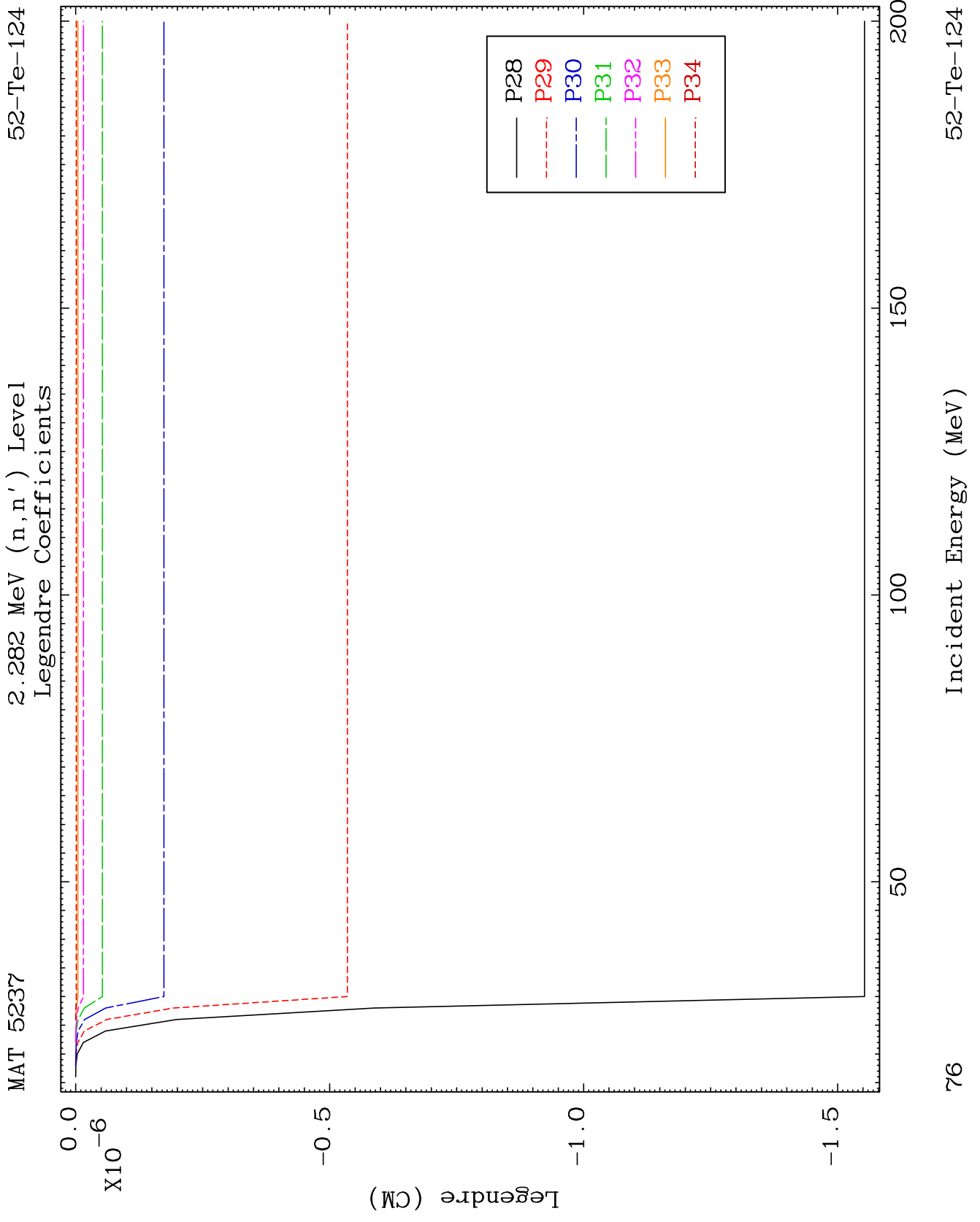
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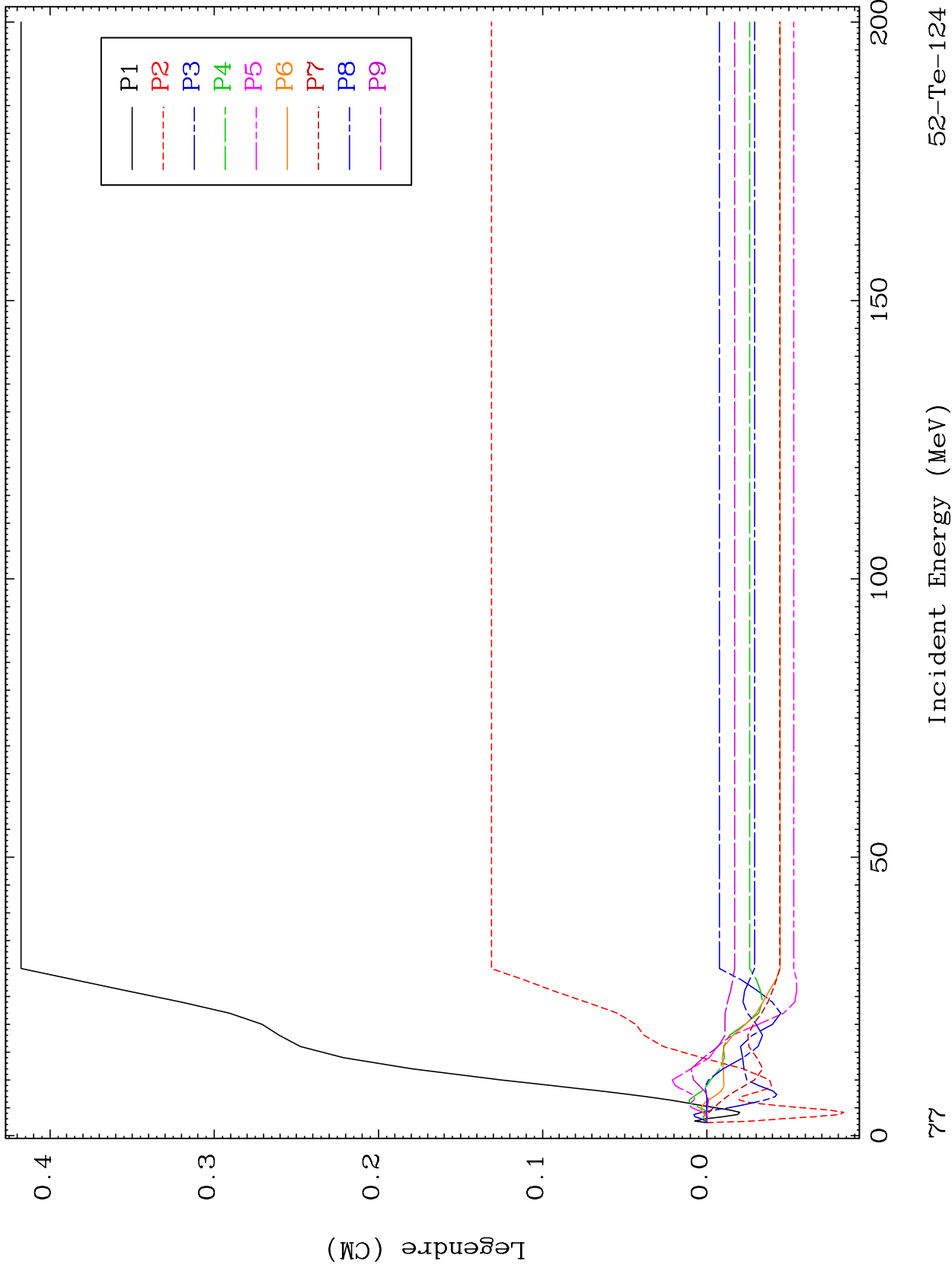


75

Incident Energy (MeV)

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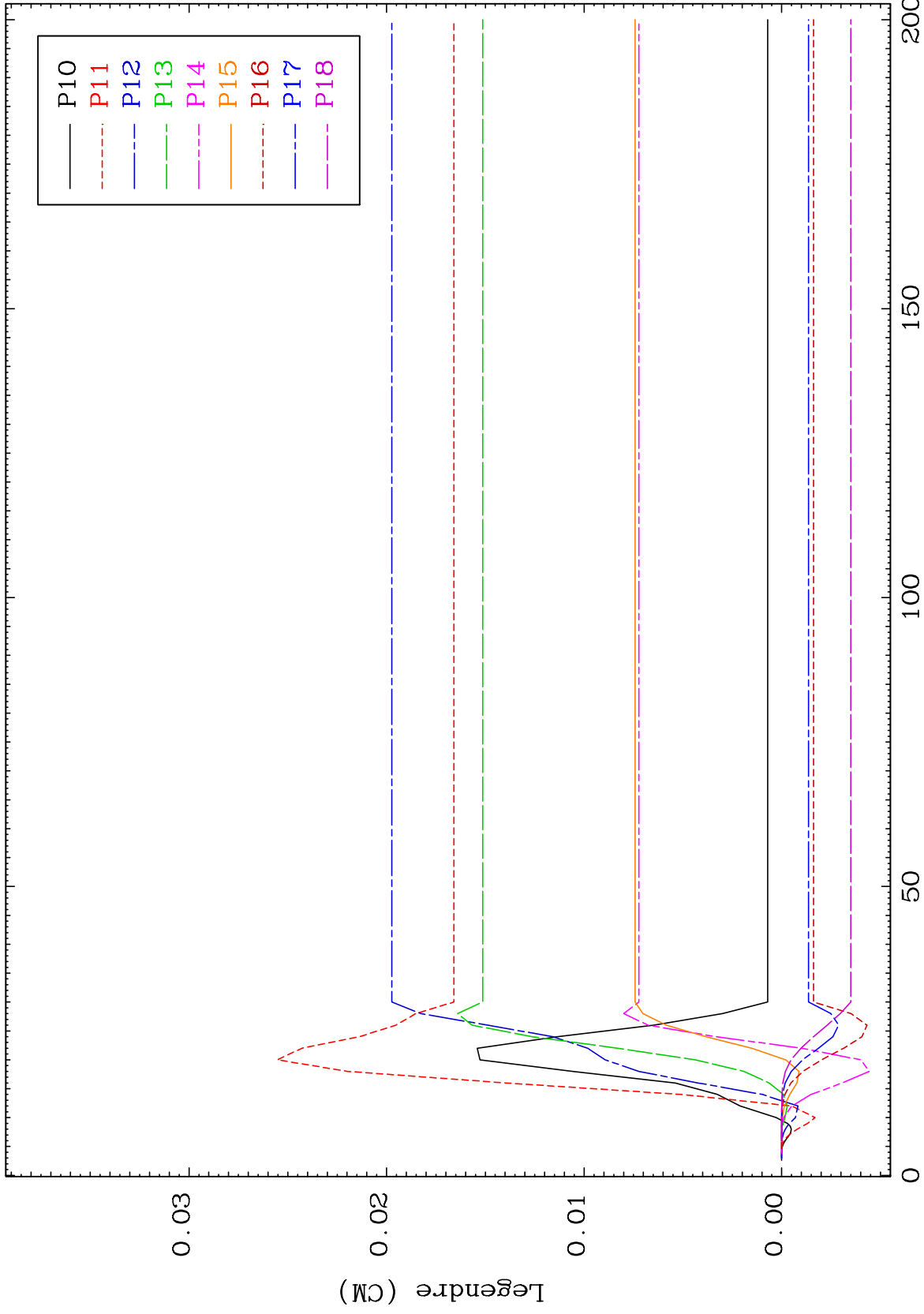




MAT 5237

2.294 MeV (n,n') Level
Legendre Coefficients

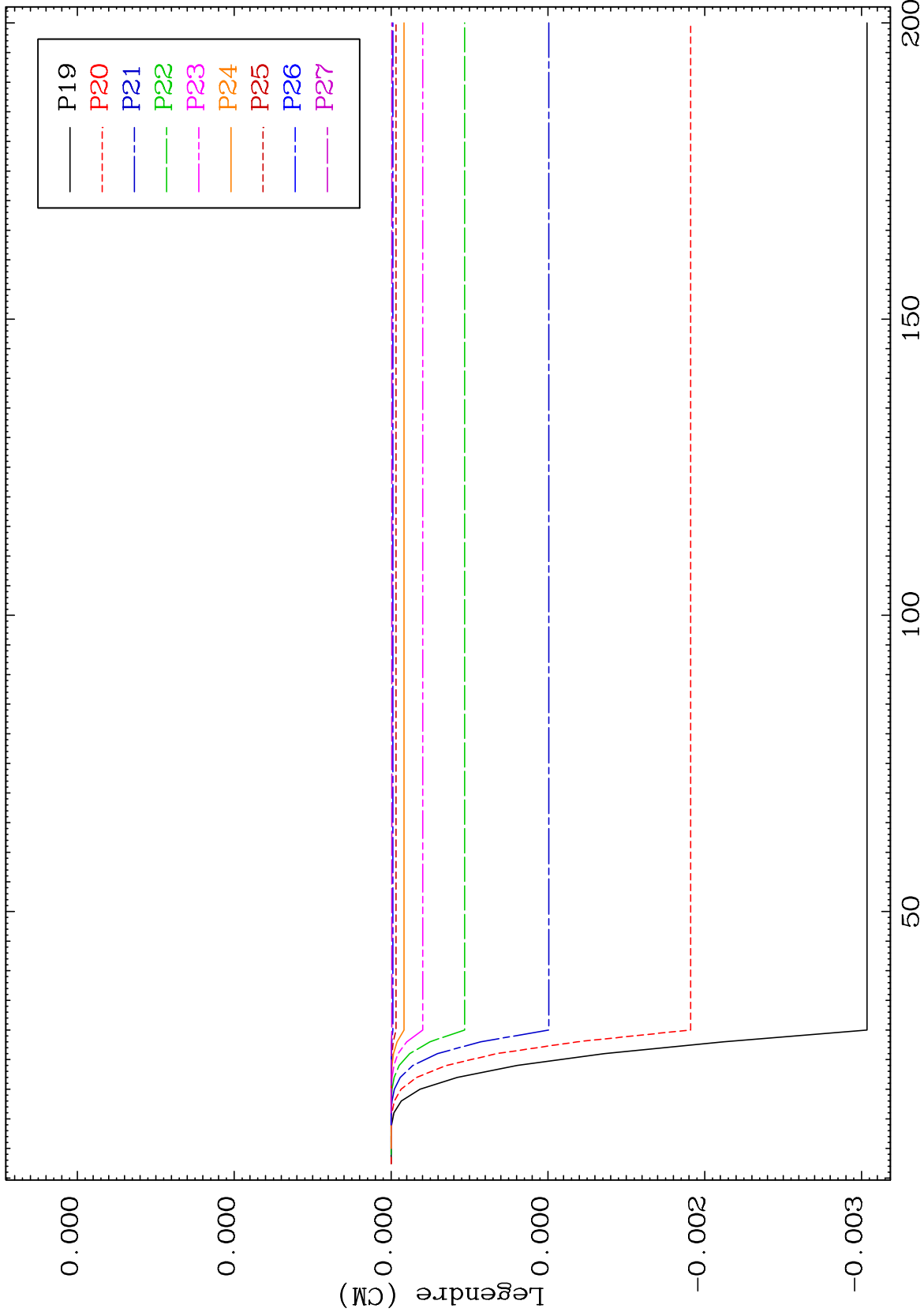
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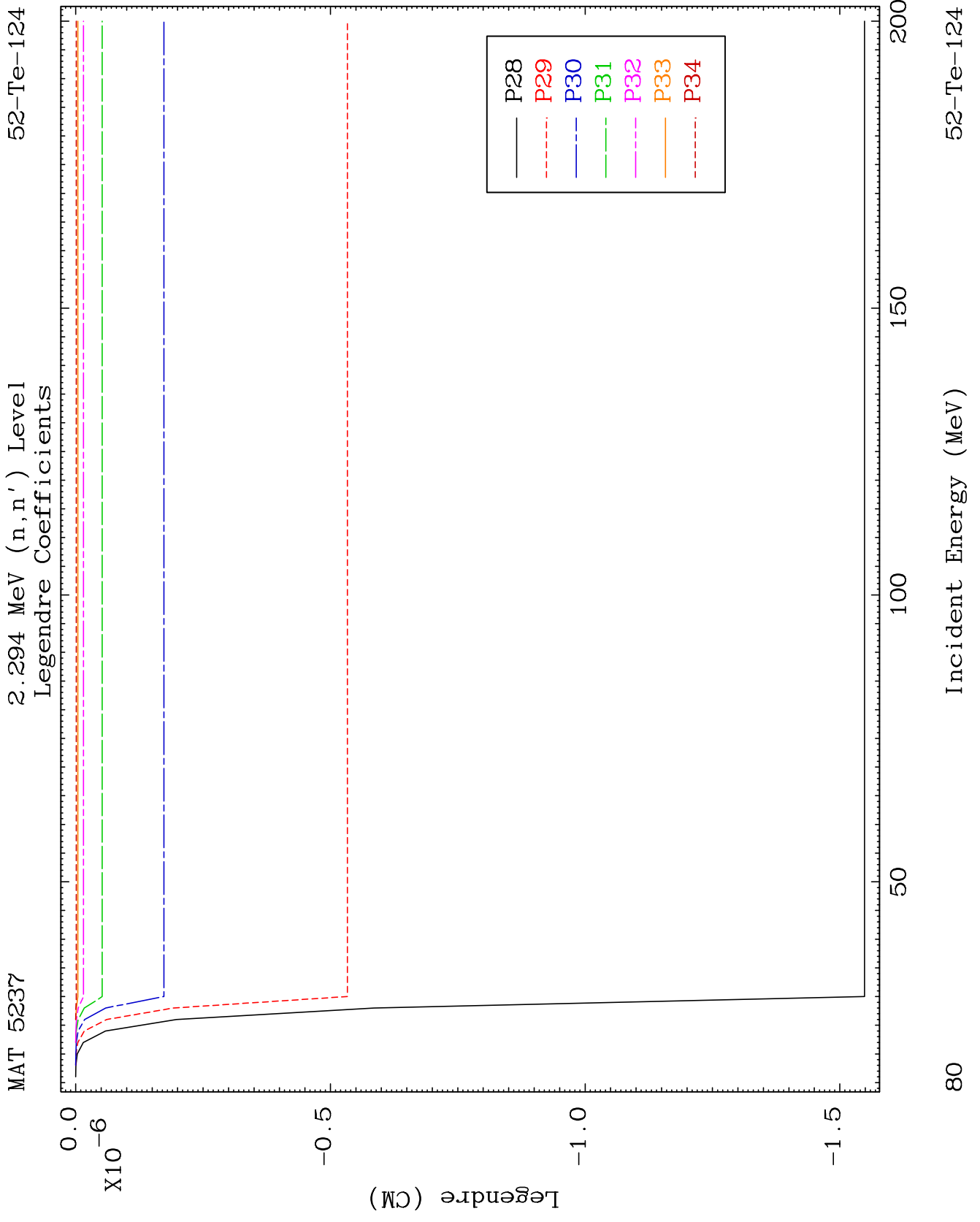


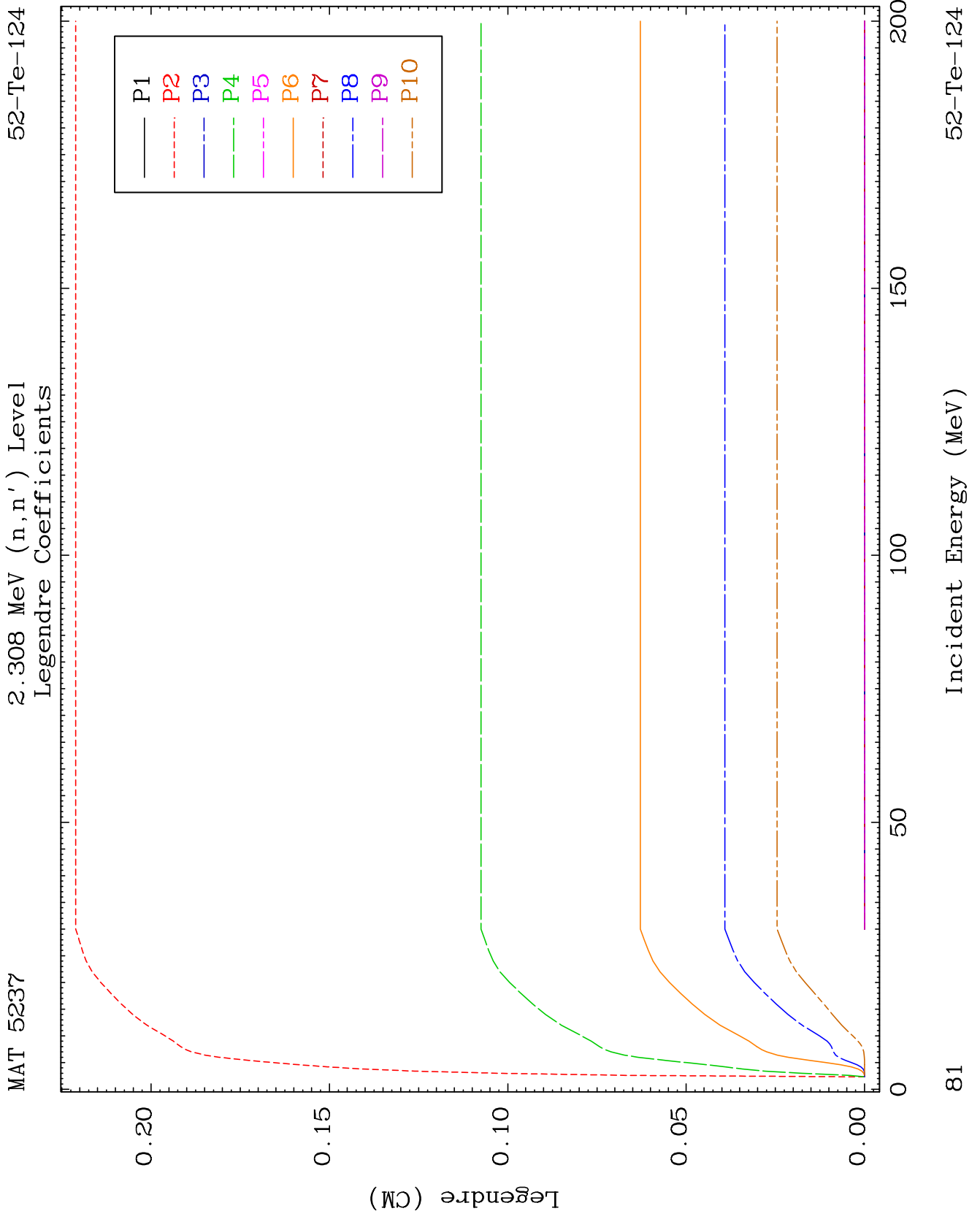
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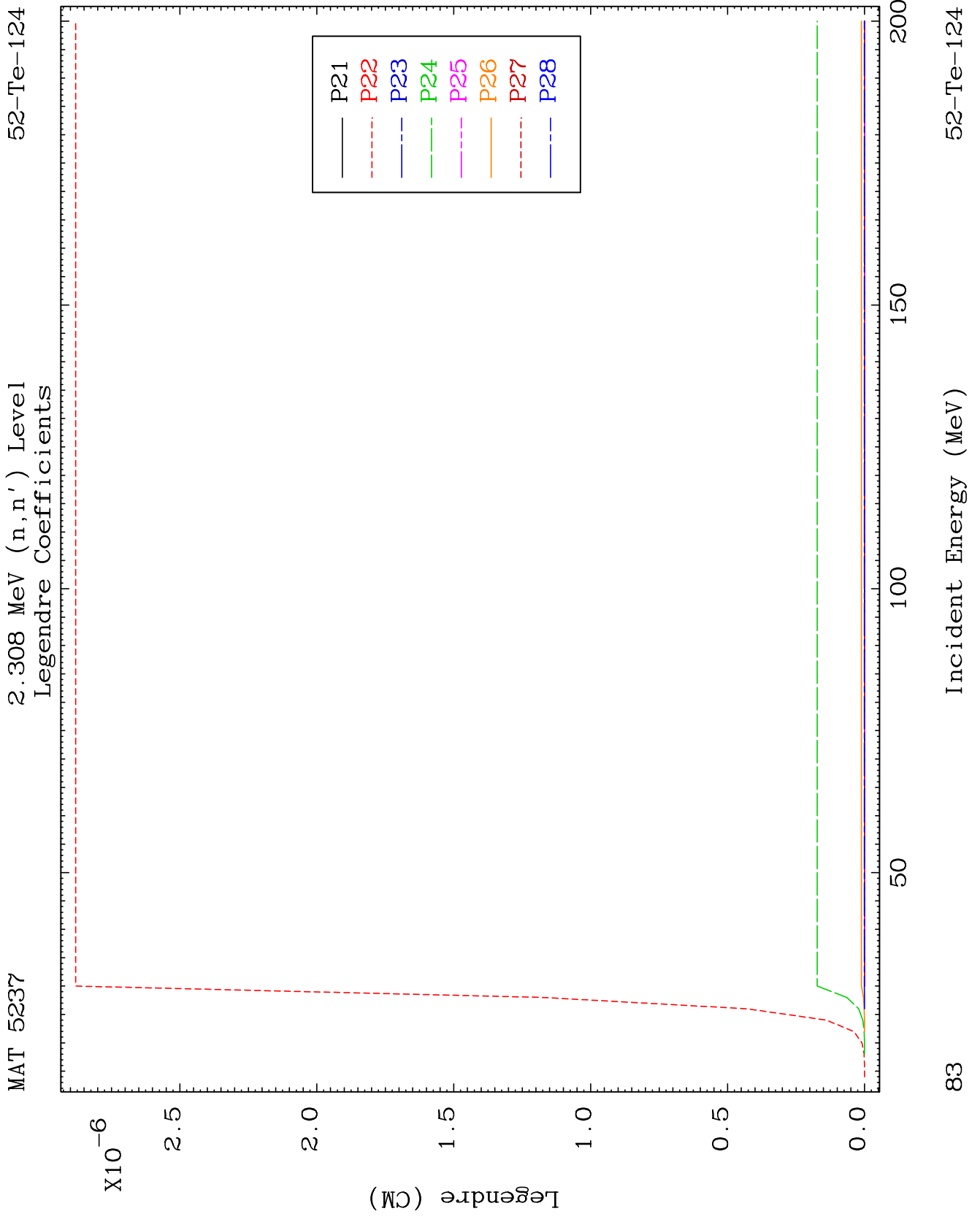
Incident Energy (MeV)

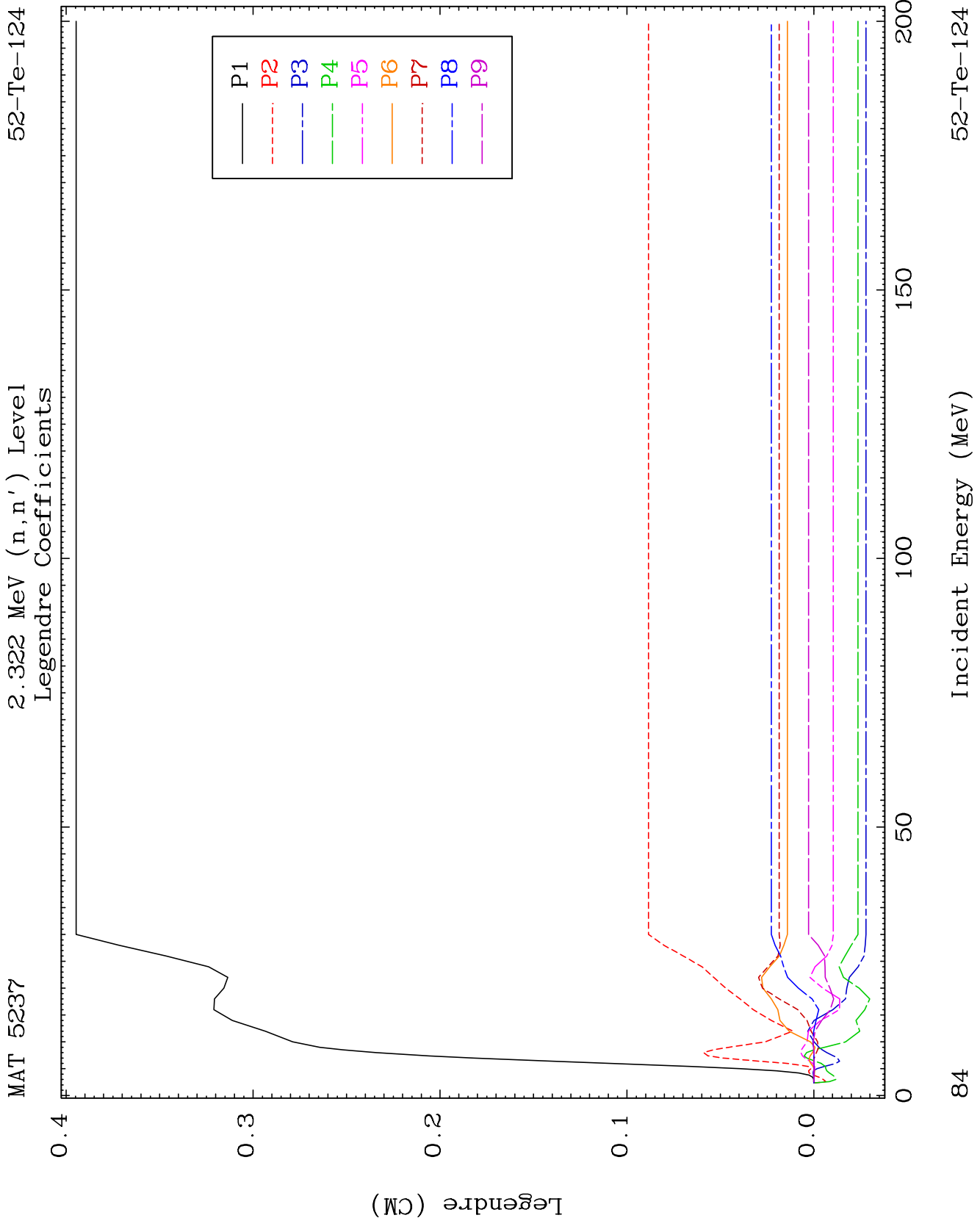
52-Te-124







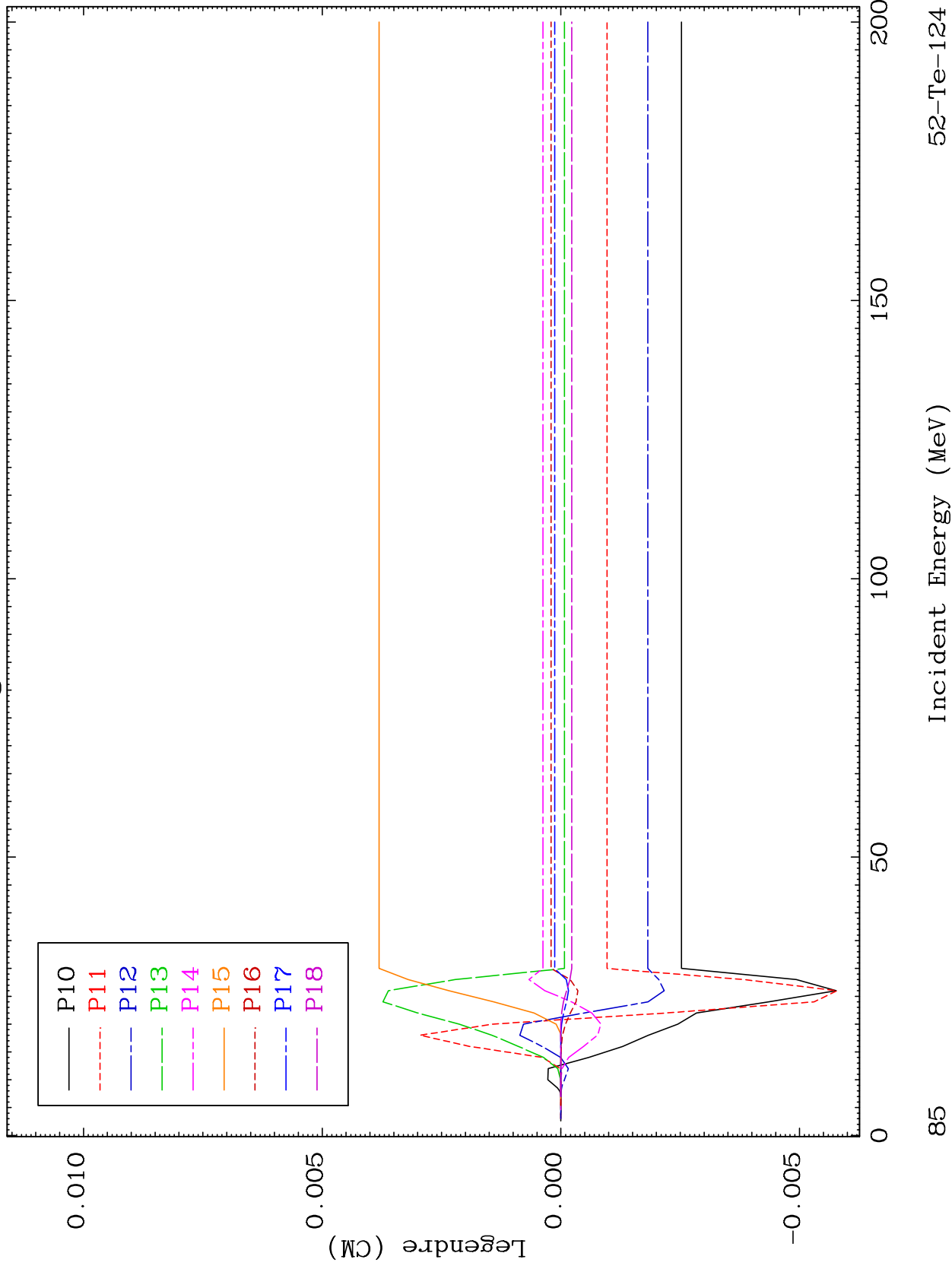




MAT 5237

2.322 MeV (n,n') Level
Legendre Coefficients

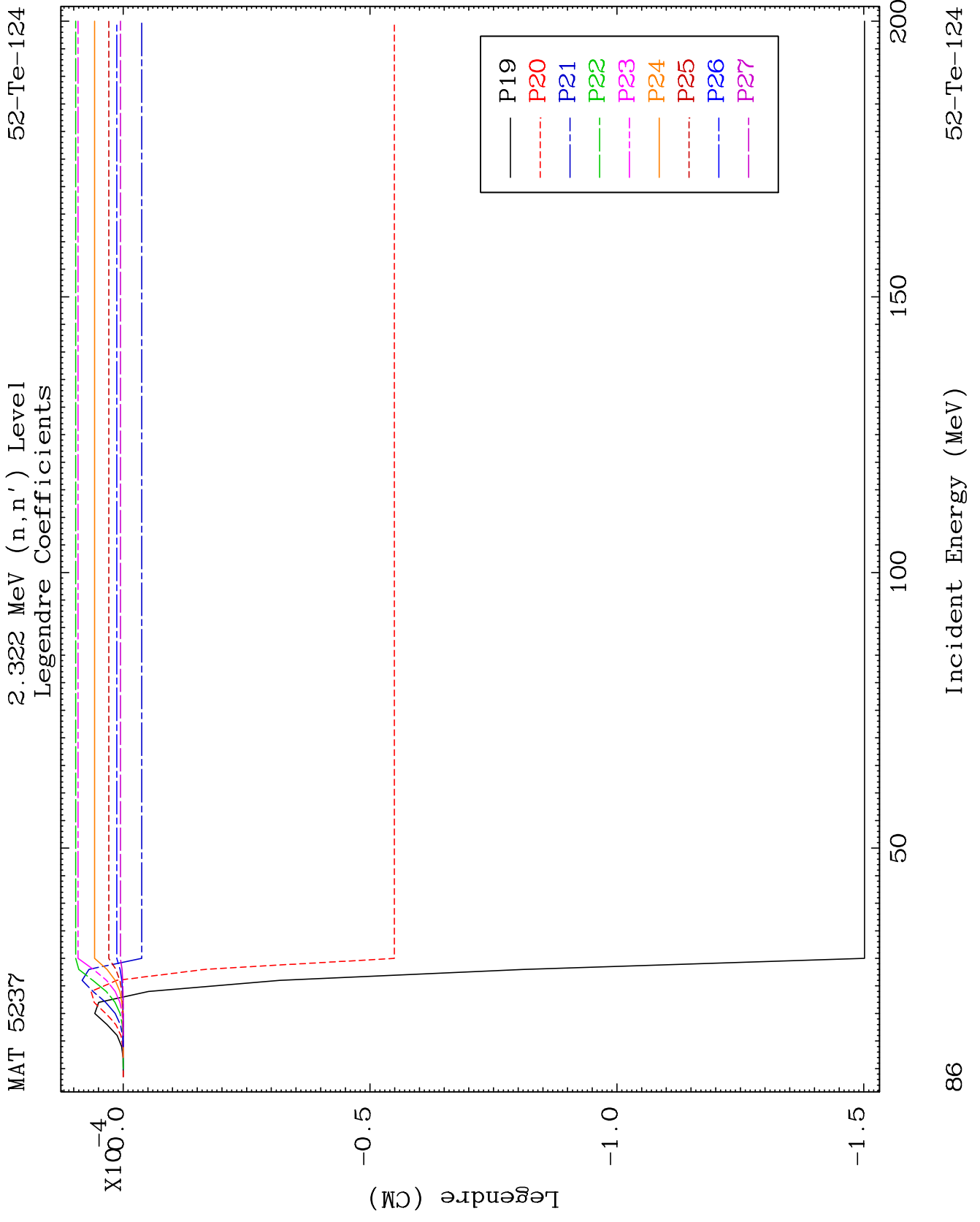
52-Te-124



85

Incident Energy (MeV)

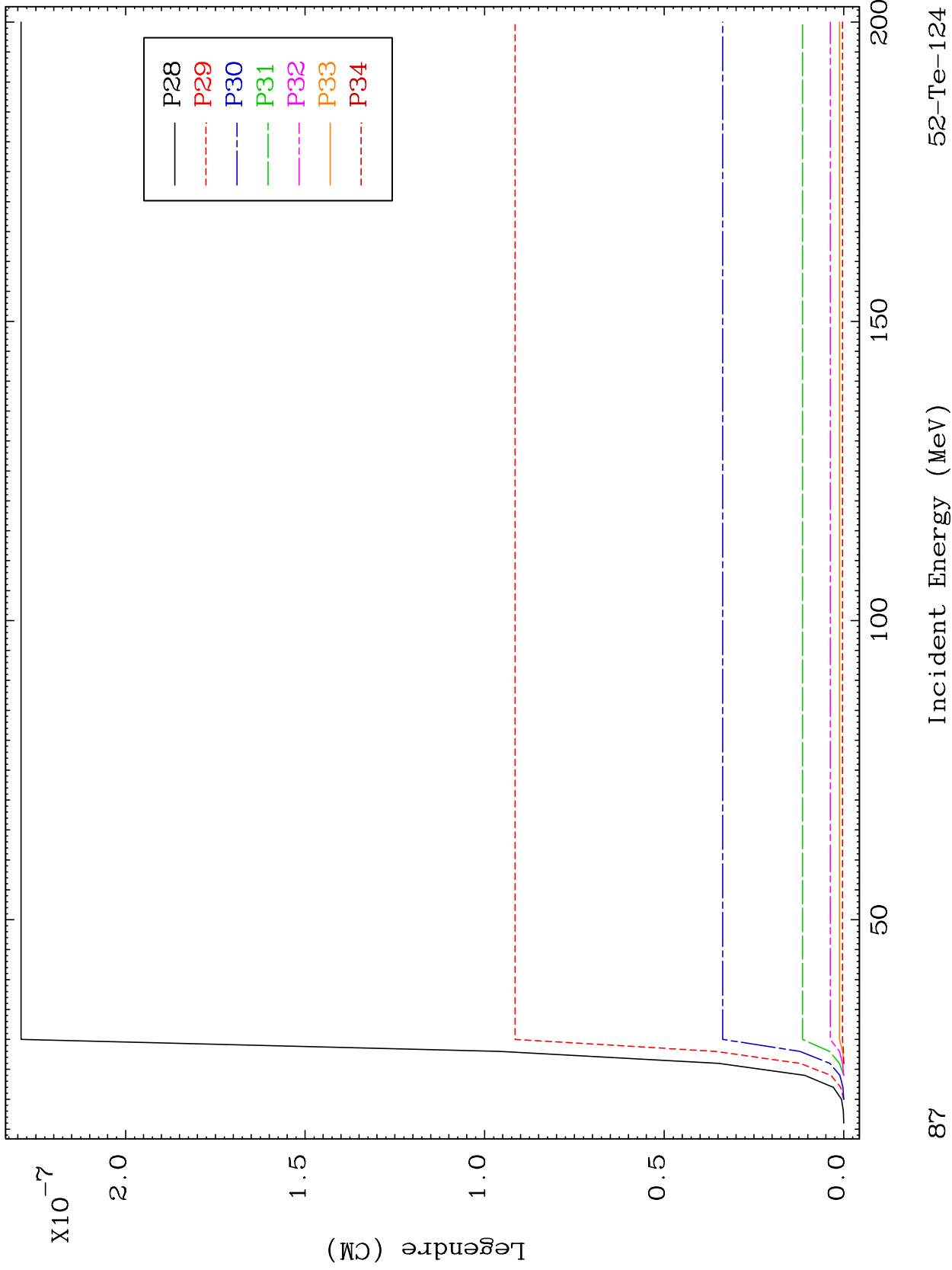
52-Te-124



MAT 5237

2.322 MeV (n,n') Level
Legendre Coefficients

52-Te-124



87

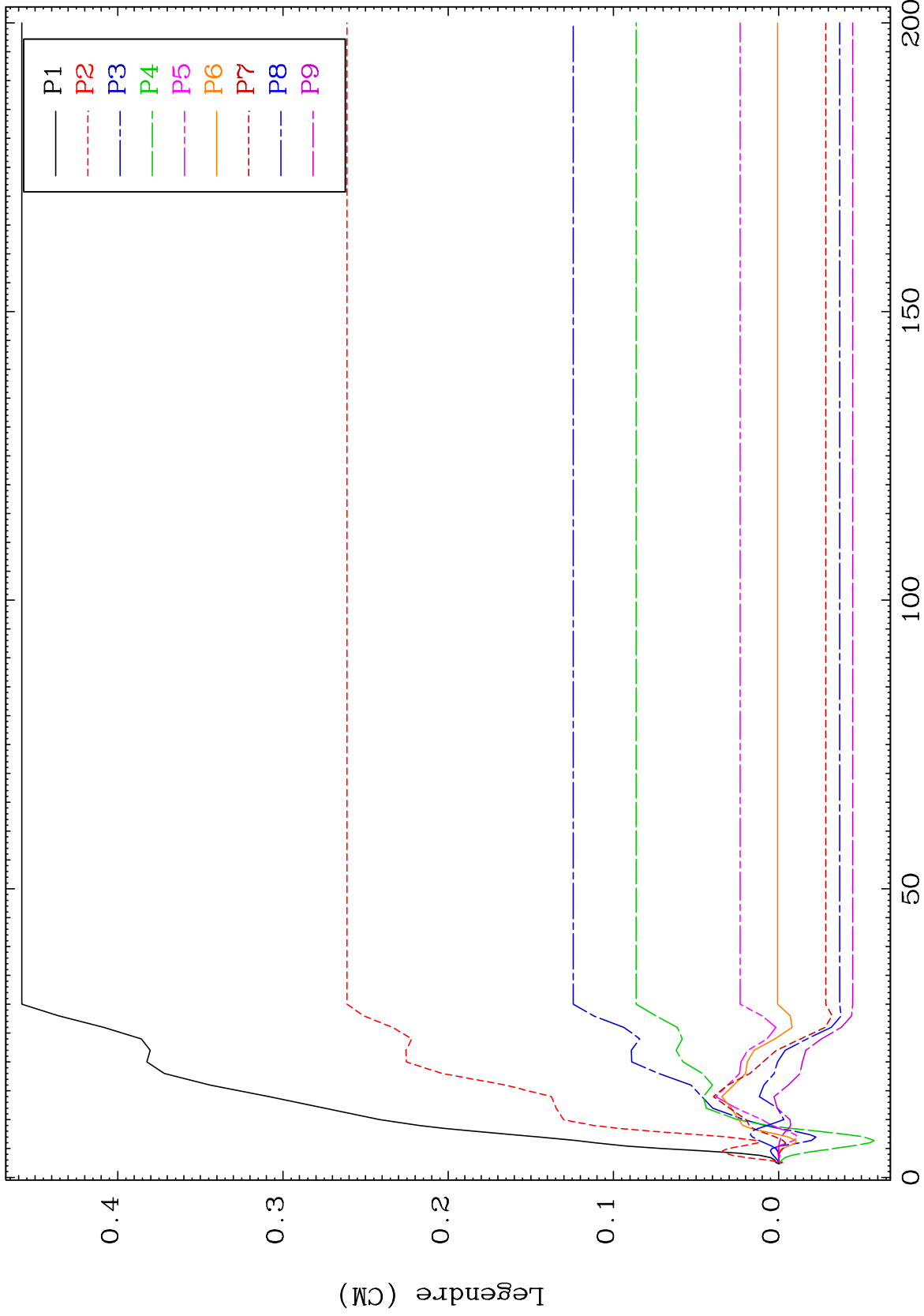
Incident Energy (MeV)

52-Te-124

MAT 5237

2.323 MeV (n,n') Level
Legendre Coefficients

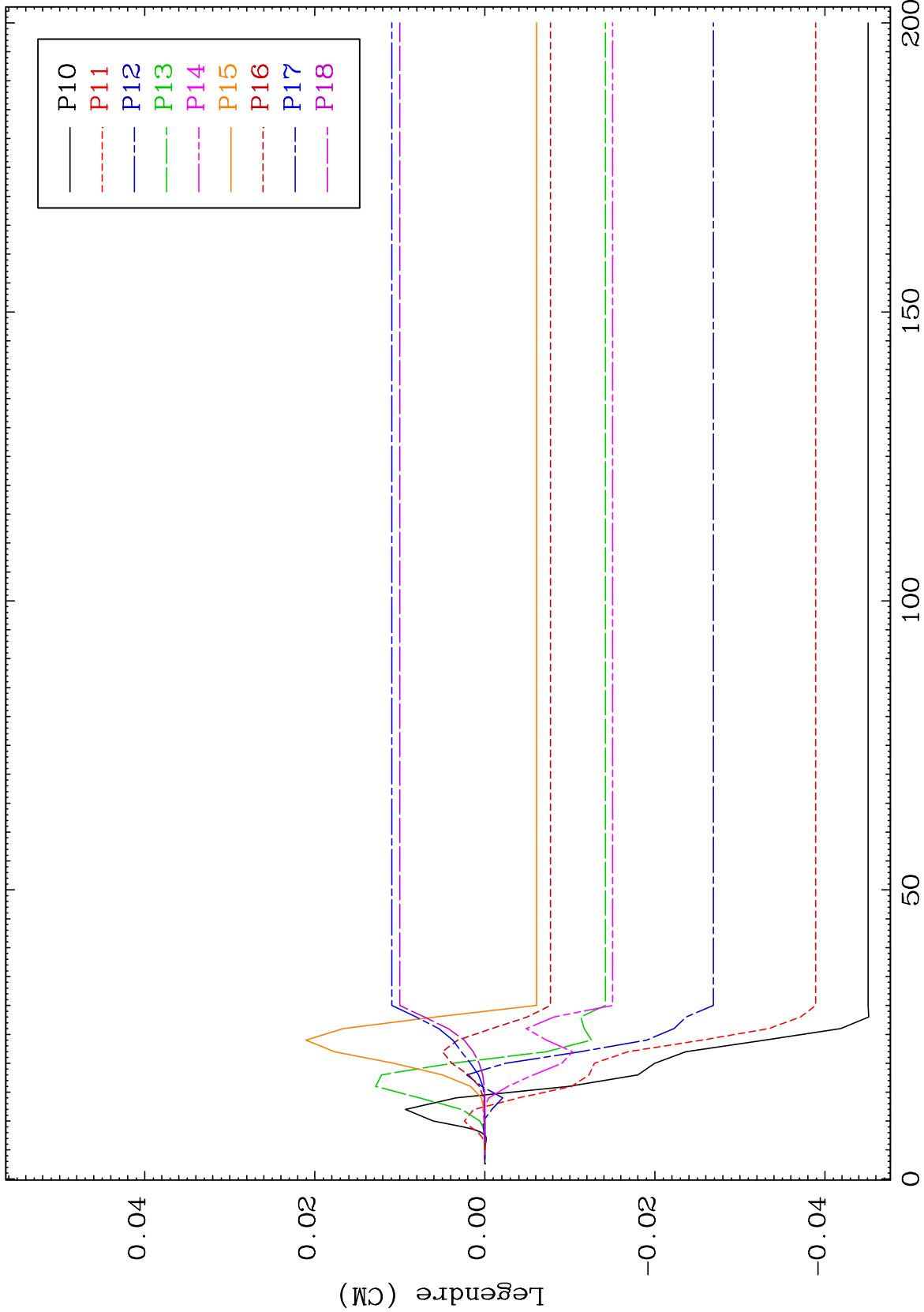
52-Te-124



88

Incident Energy (MeV)

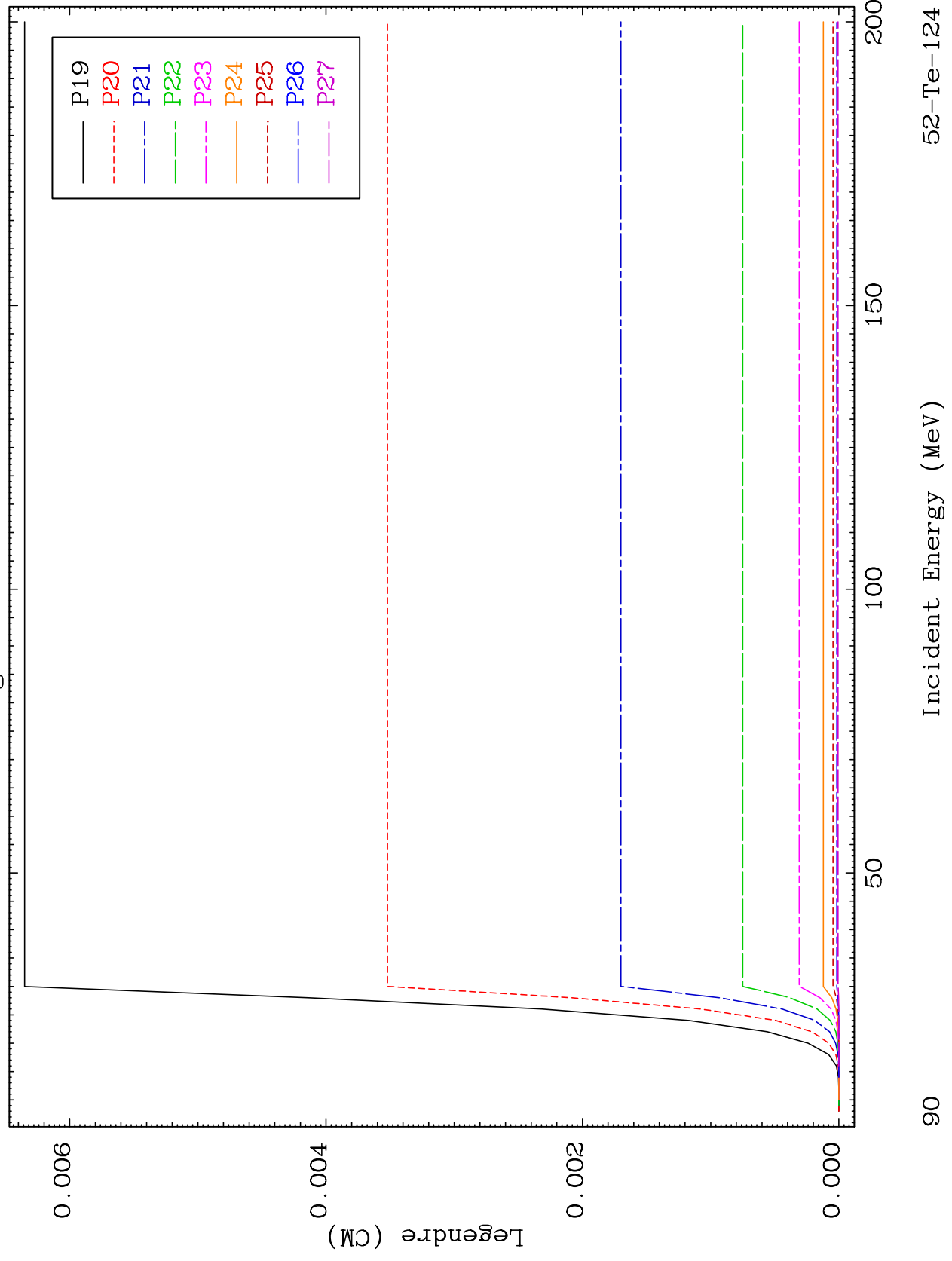
52-Te-124



MAT 5237

2.323 MeV (n,n') Level
Legendre Coefficients

52-Te-124



90

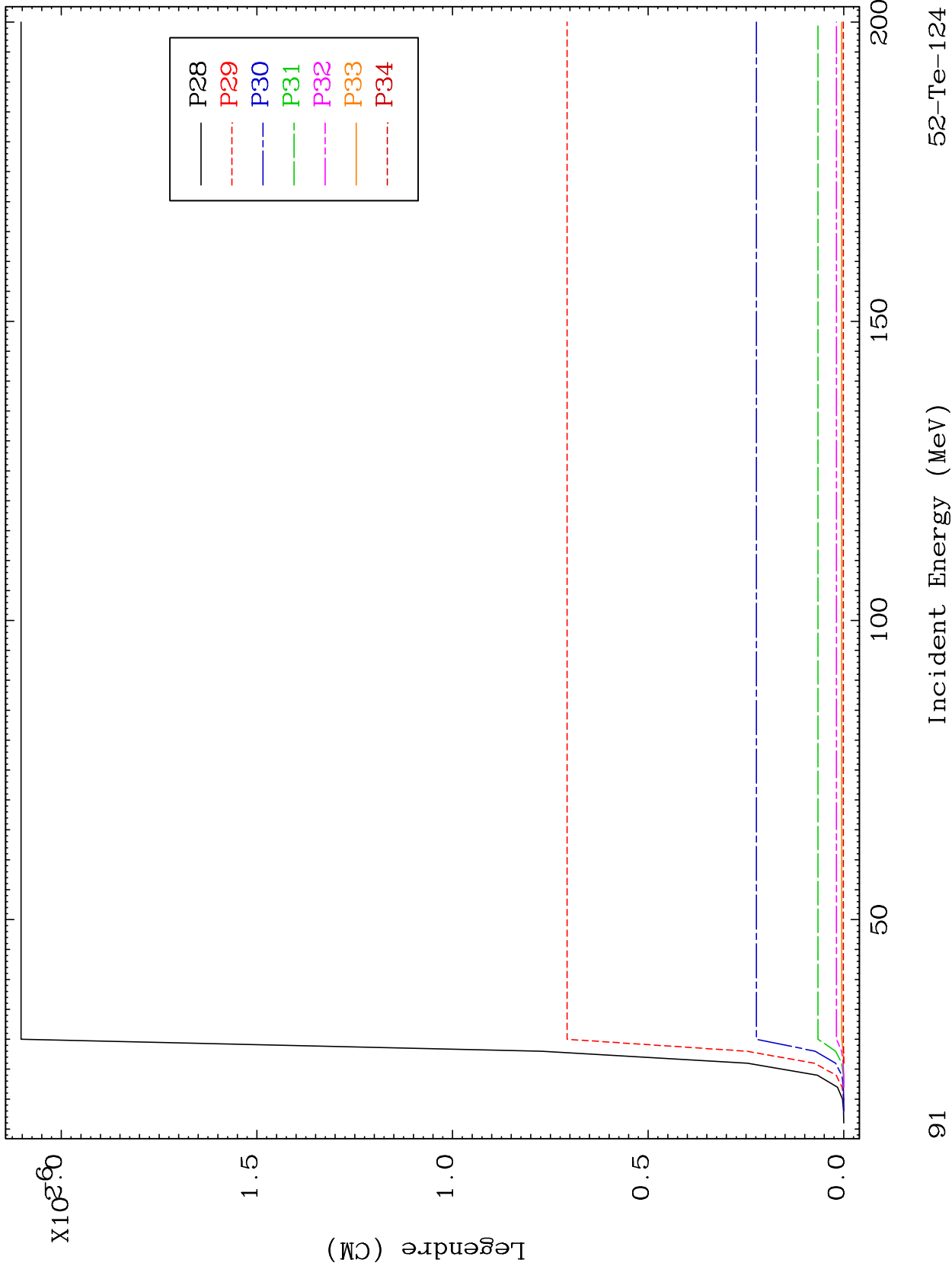
Incident Energy (MeV)

52-Te-124

MAT 5237

2.323 MeV (n, n') Level
Legendre Coefficients

52-Te-124



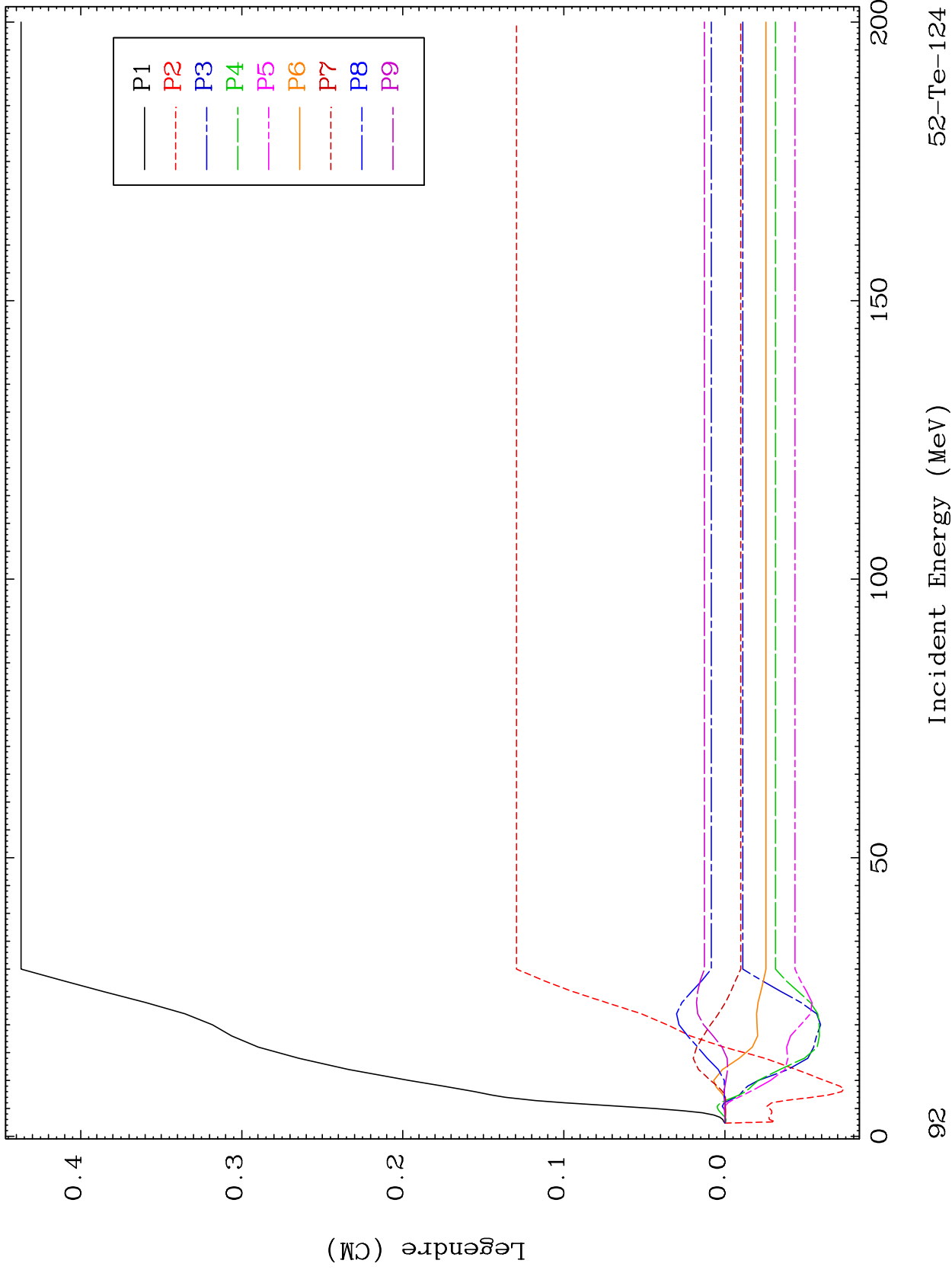
91

52-Te-124

MAT 5237

2.327 MeV (n,n') Level
Legendre Coefficients

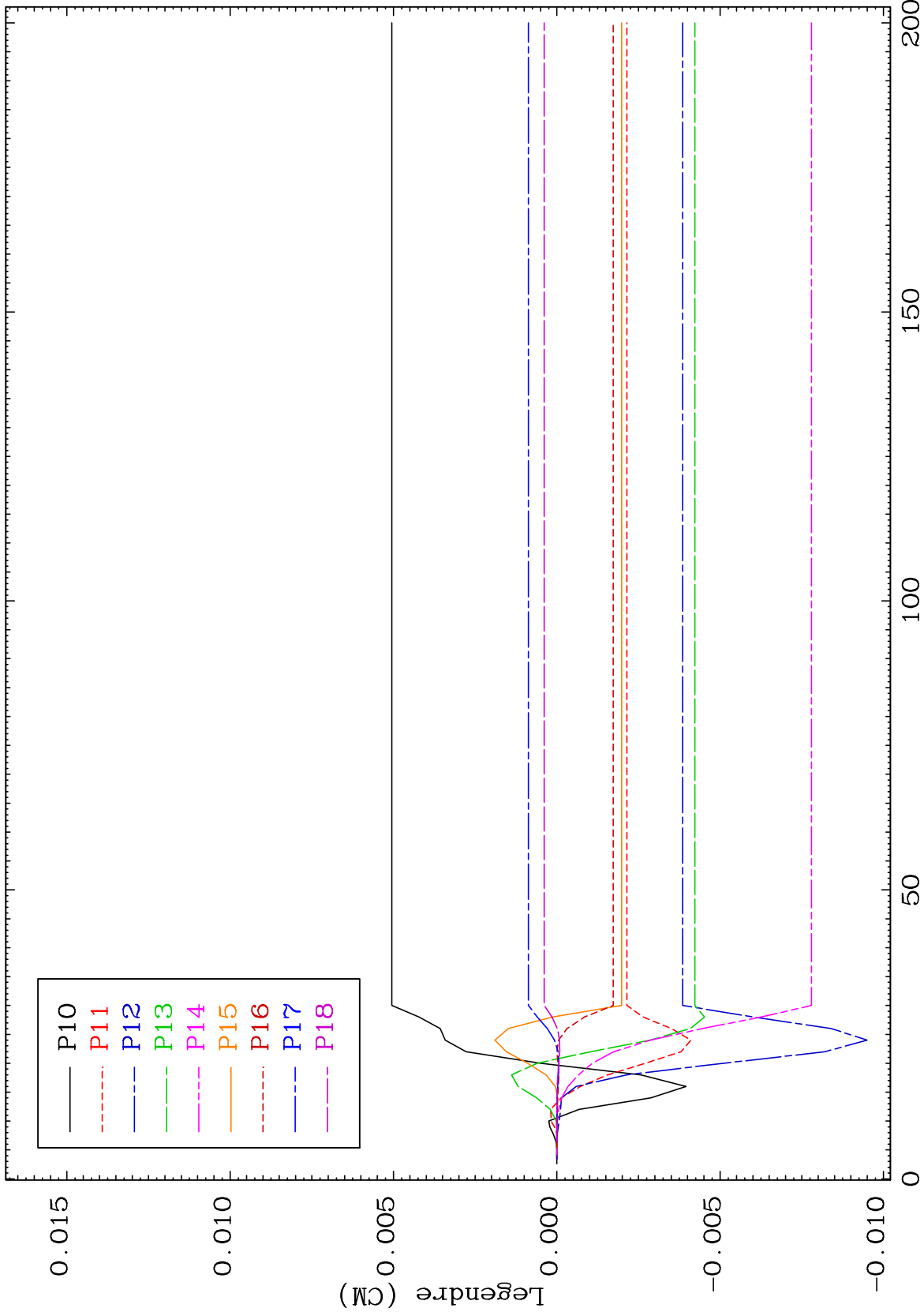
52-Te-124

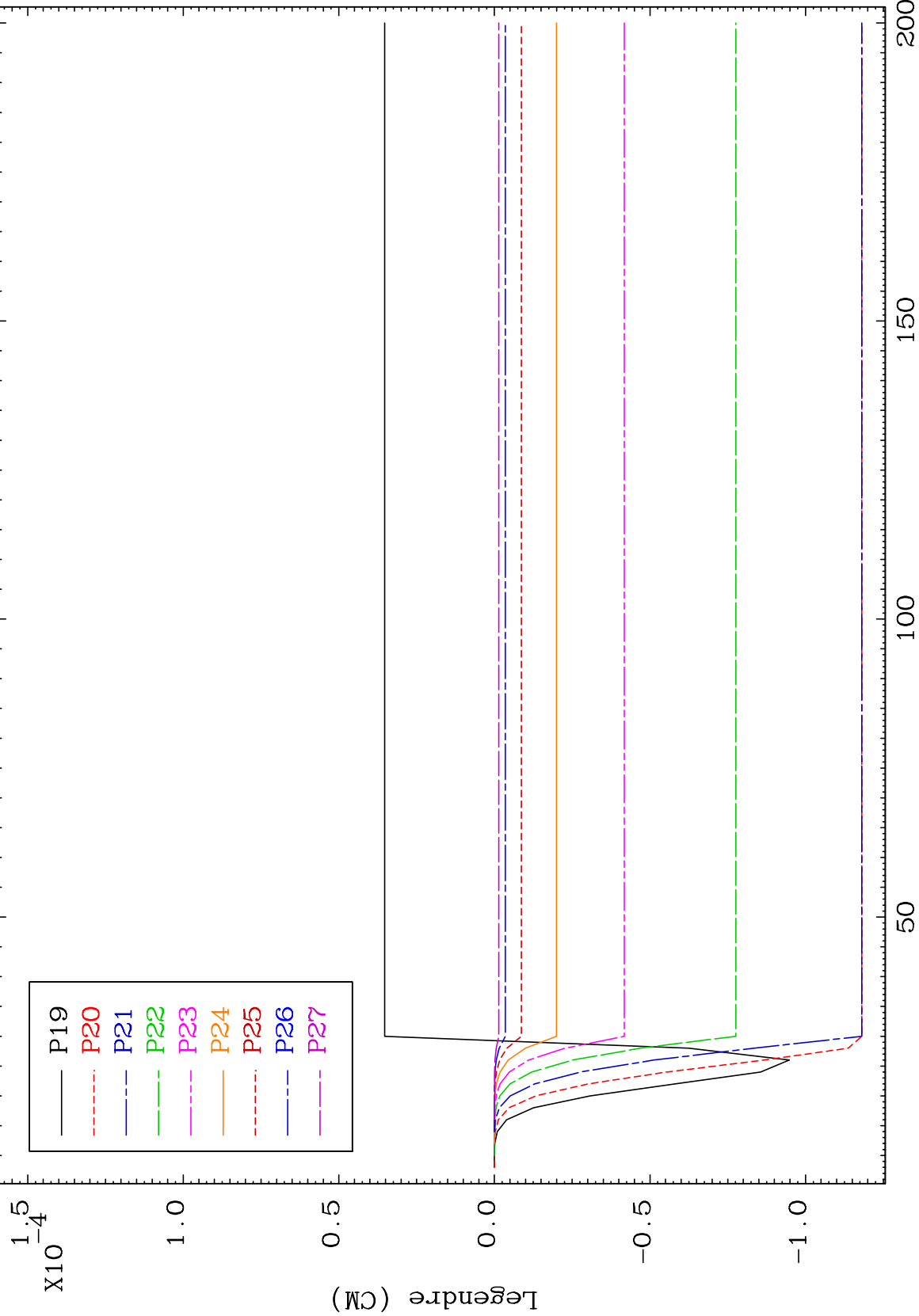


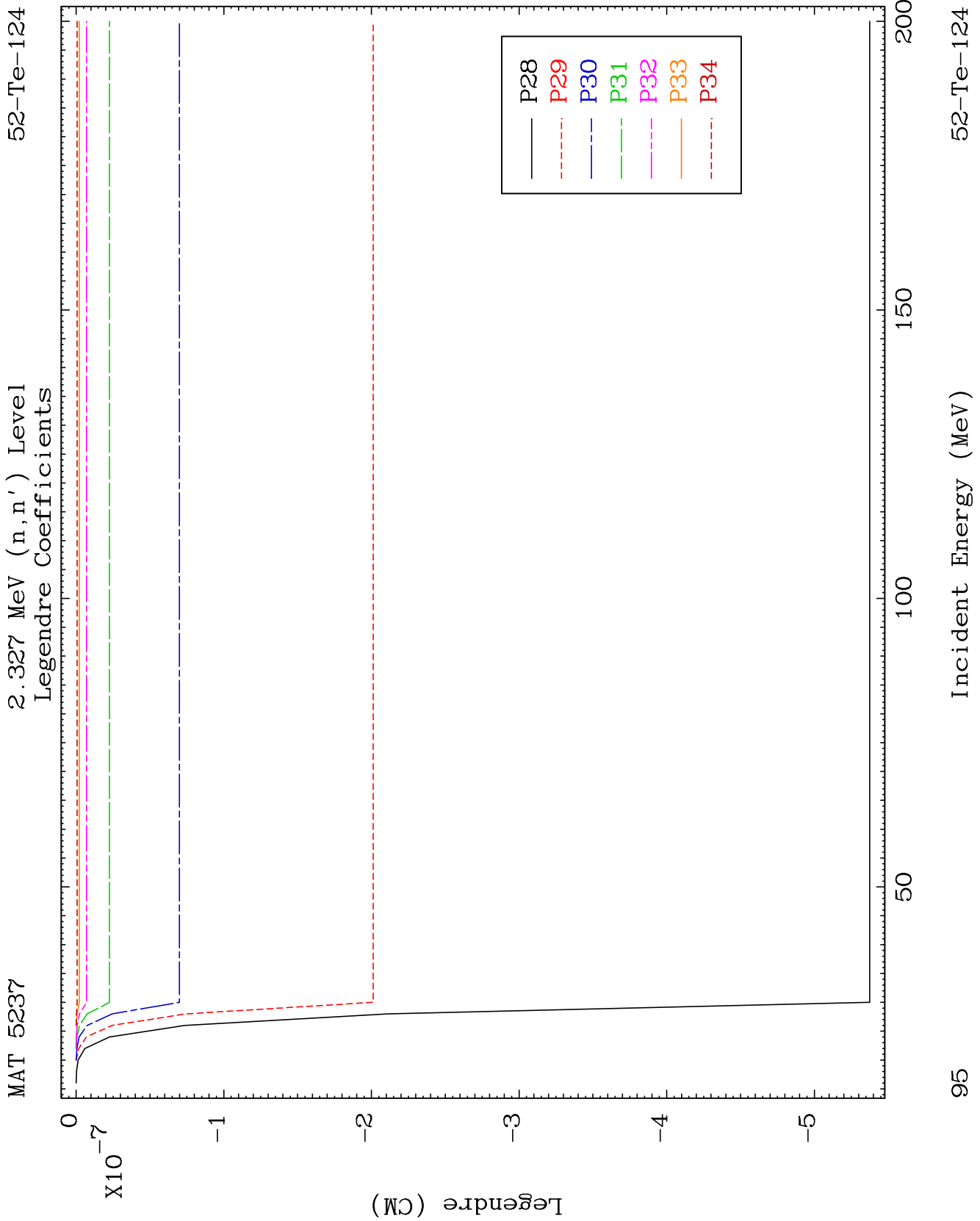
92

Incident Energy (MeV)

52-Te-124



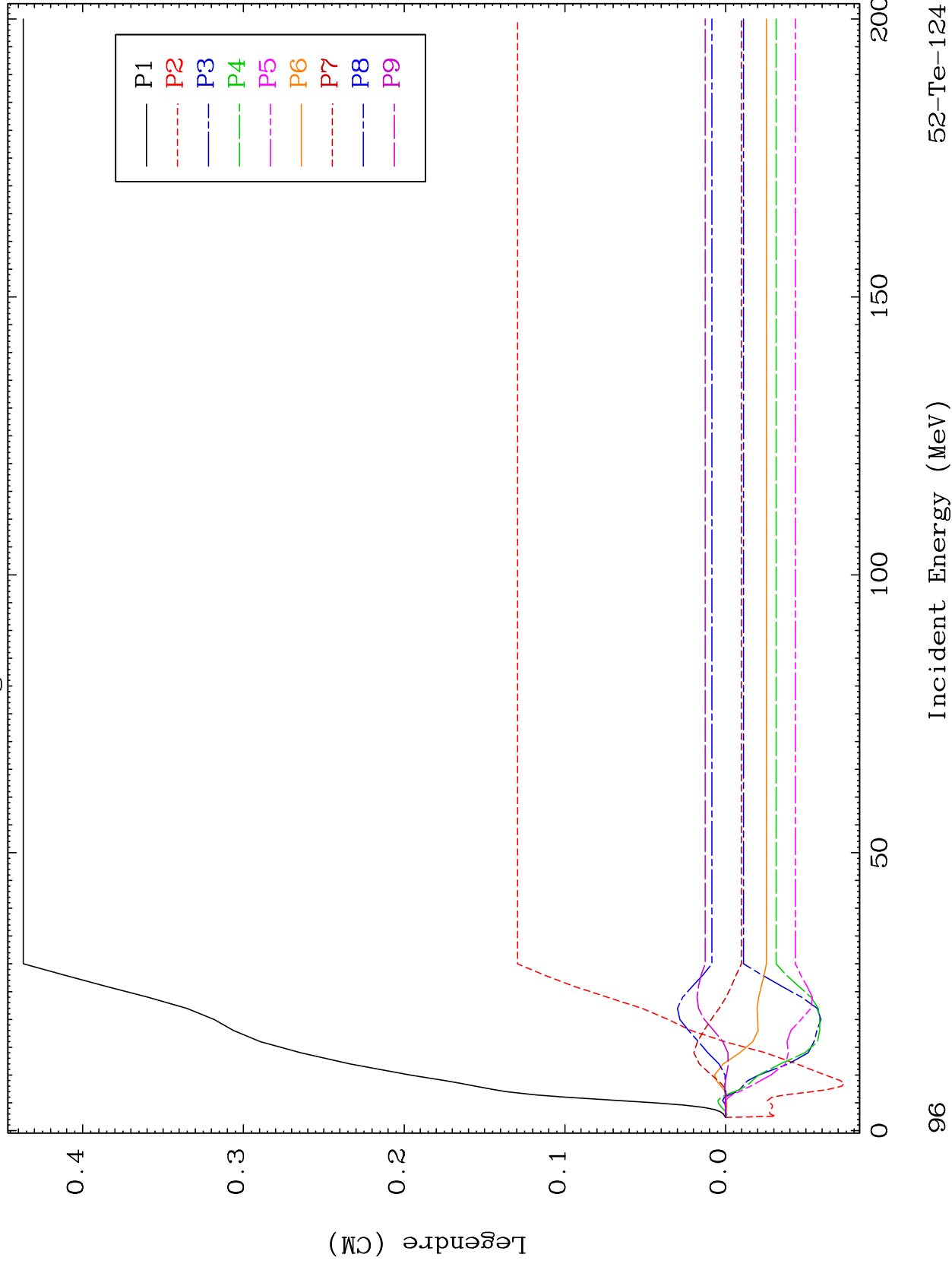




MAT 5237

2.335 MeV (n,n') Level
Legendre Coefficients

52-Te-124



96

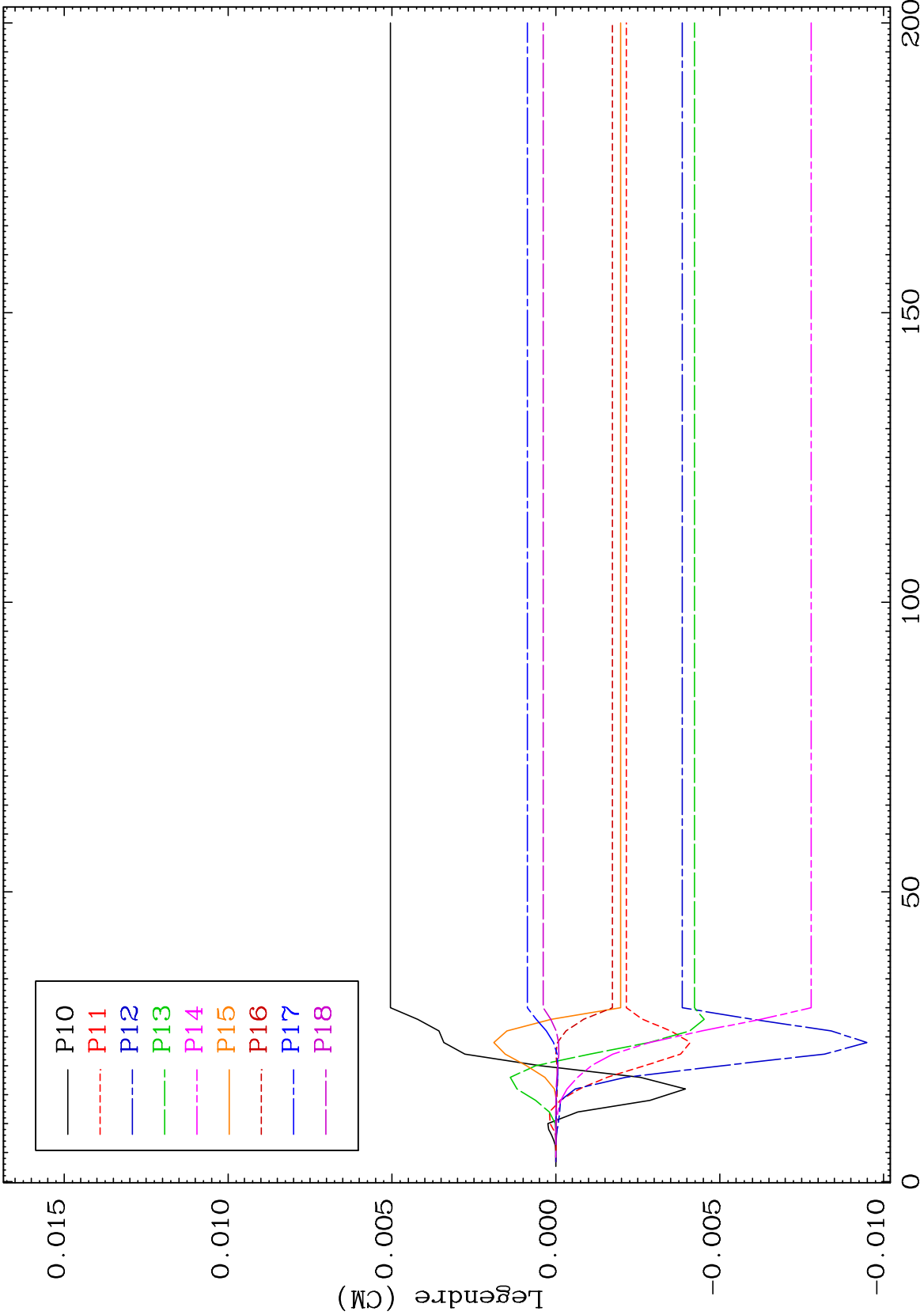
Incident Energy (MeV)

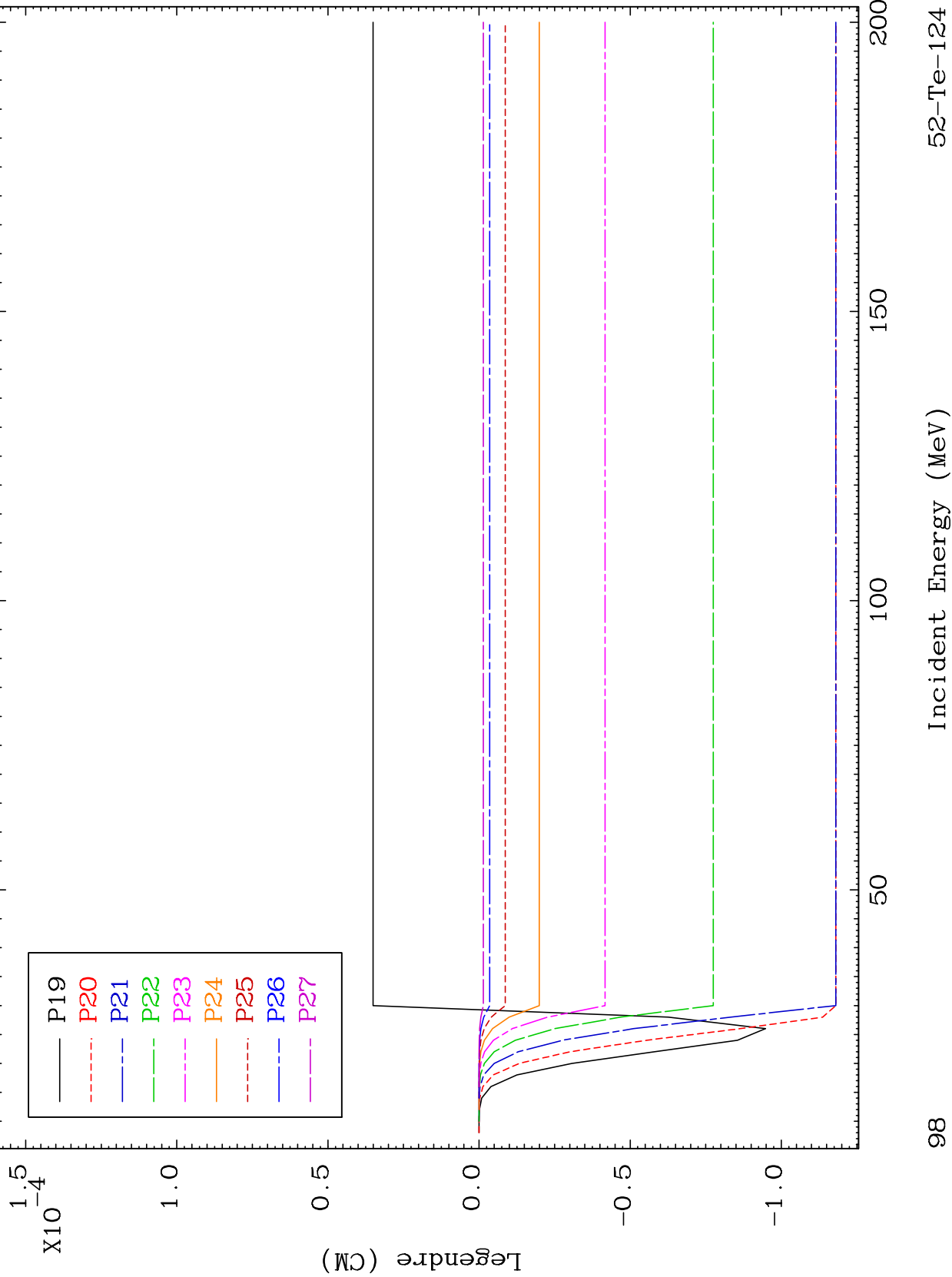
52-Te-124

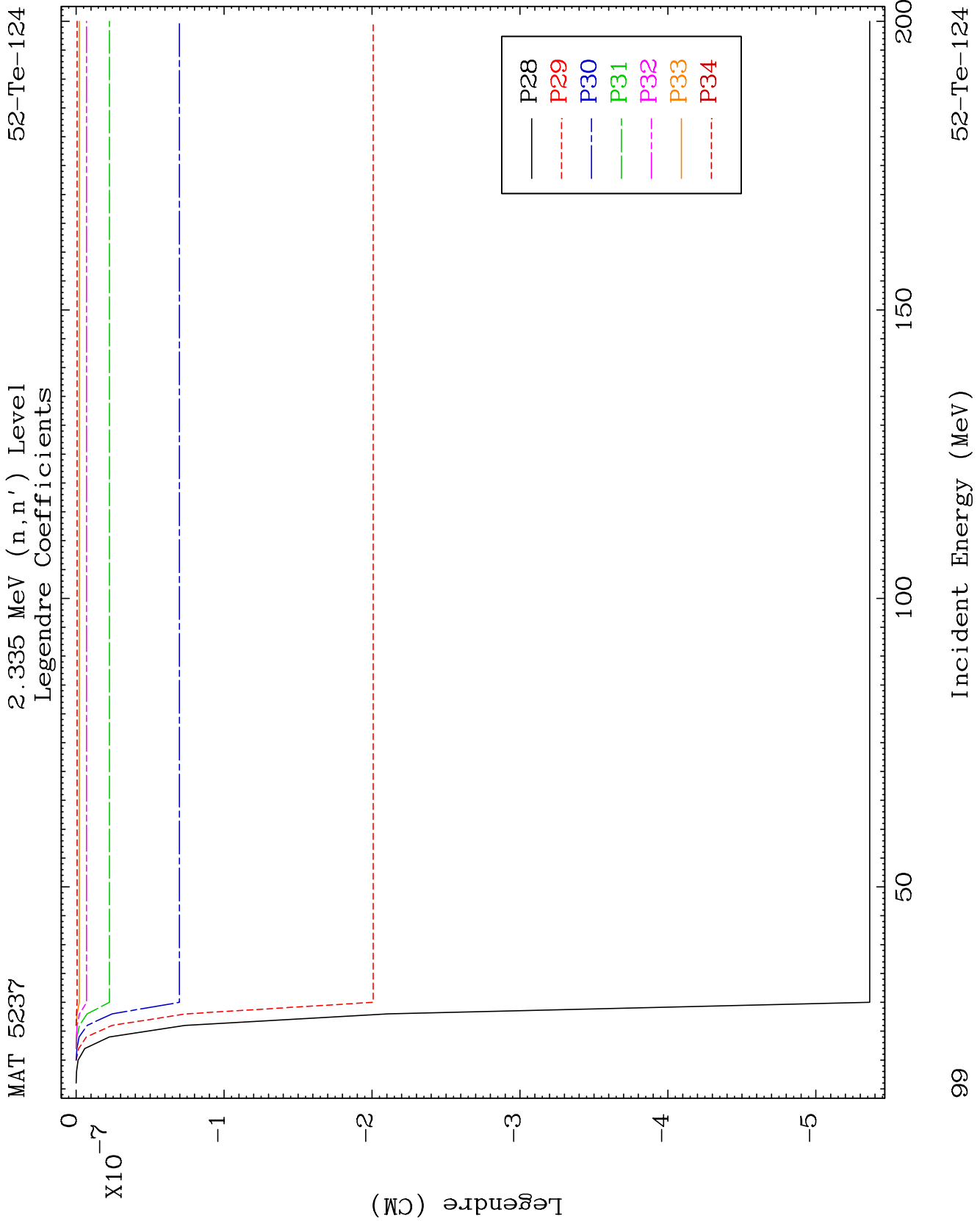
MAT 5237

2.335 MeV (n,n') Level
Legendre Coefficients

52-Te-124



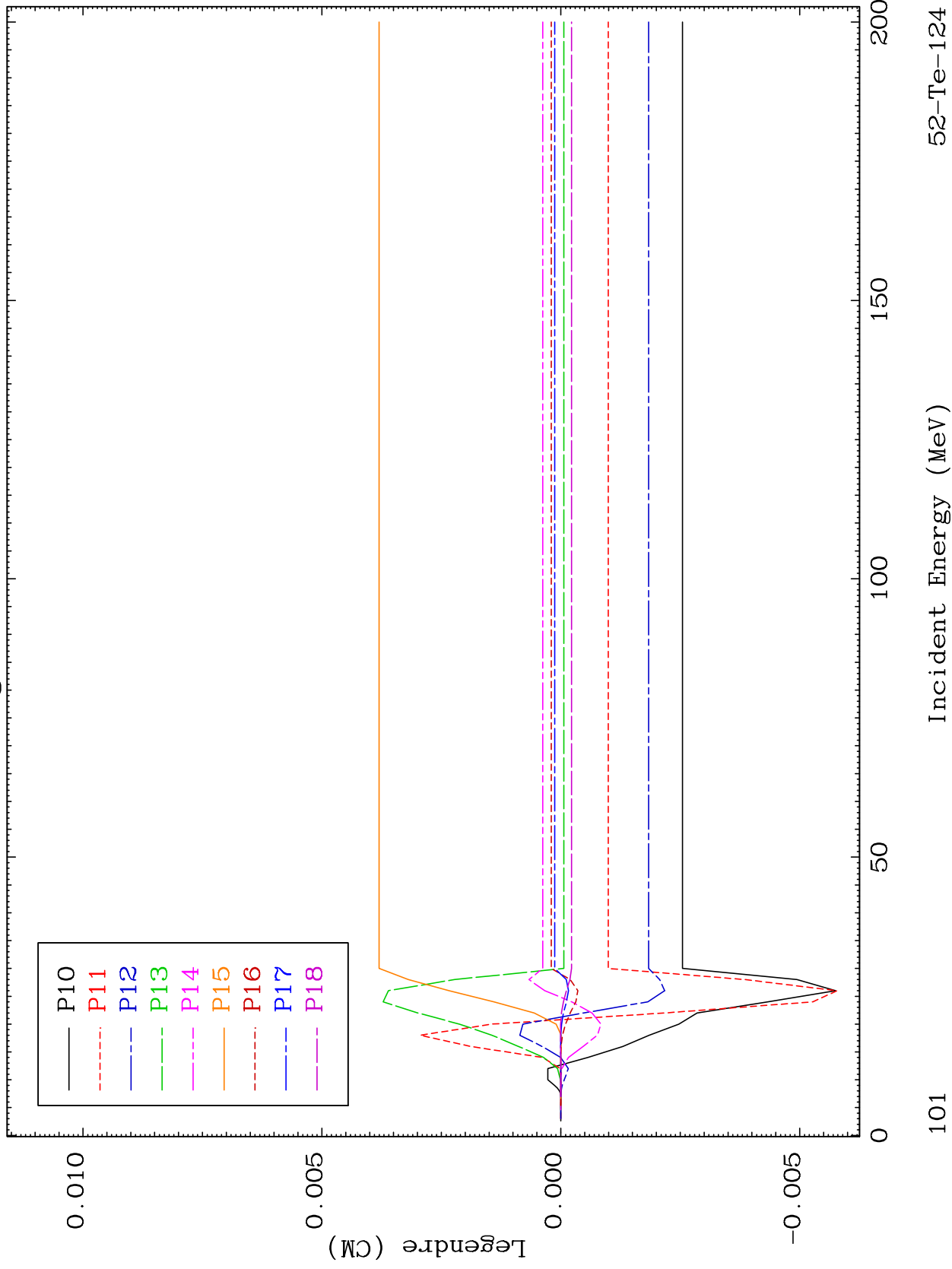


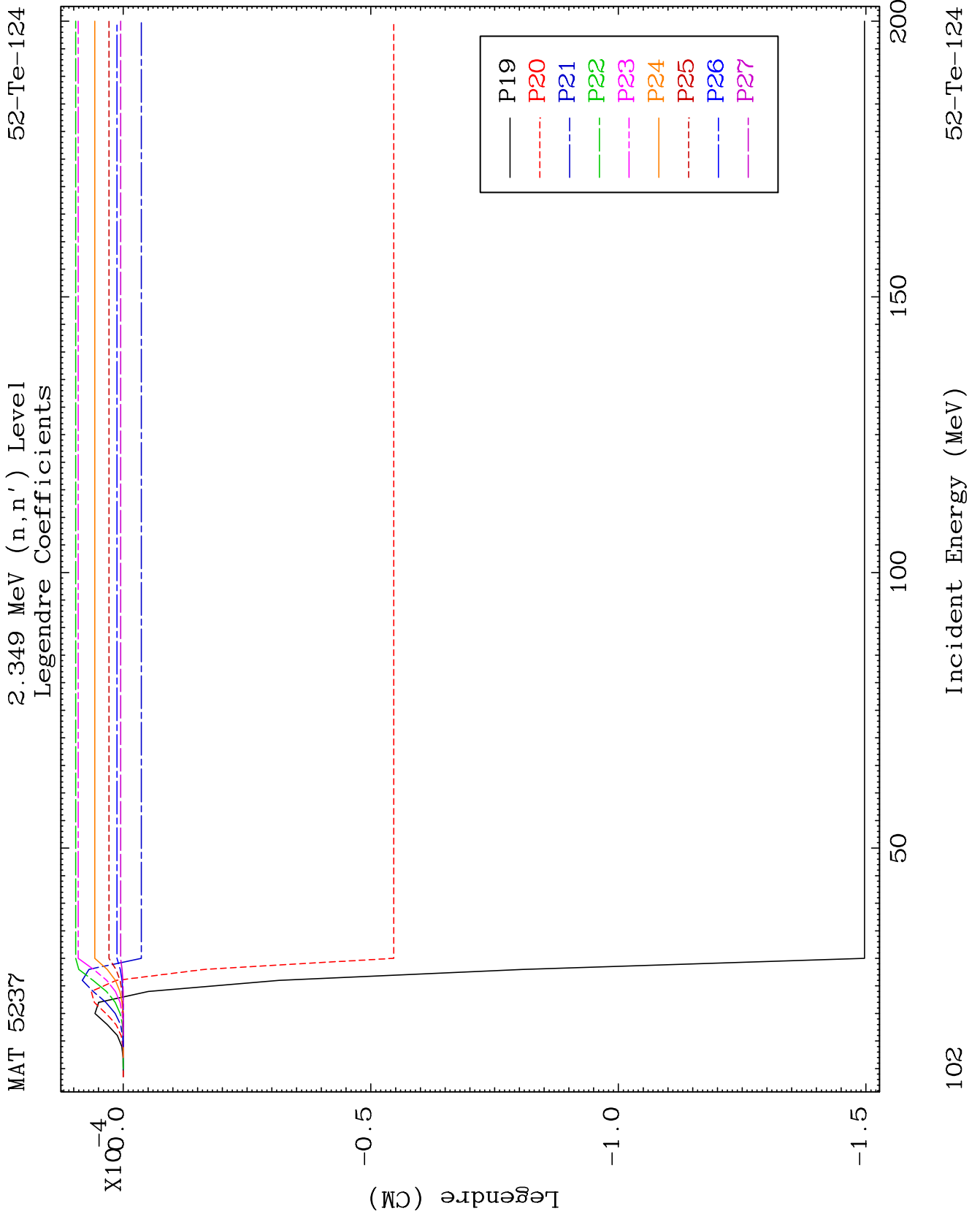


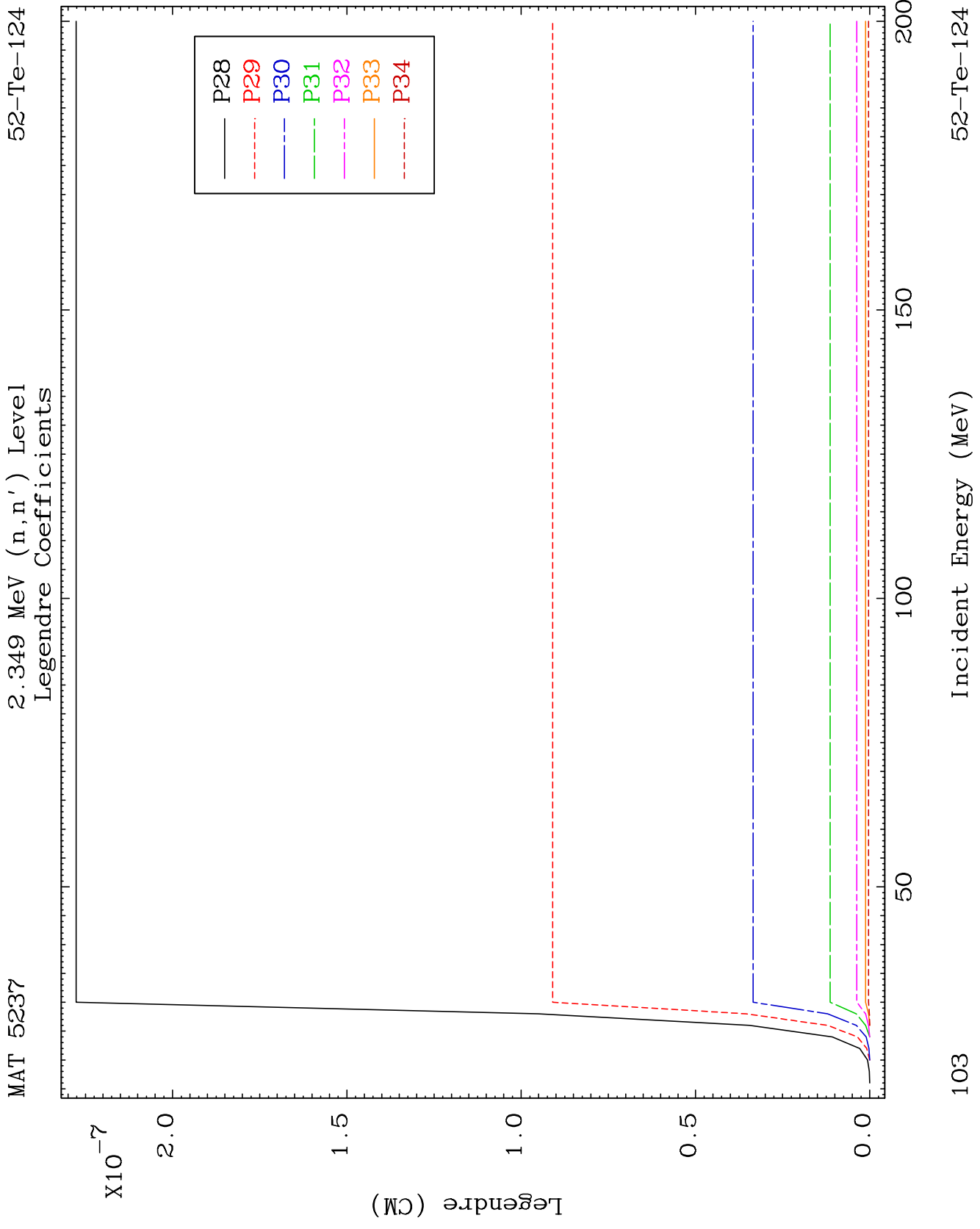
MAT 5237

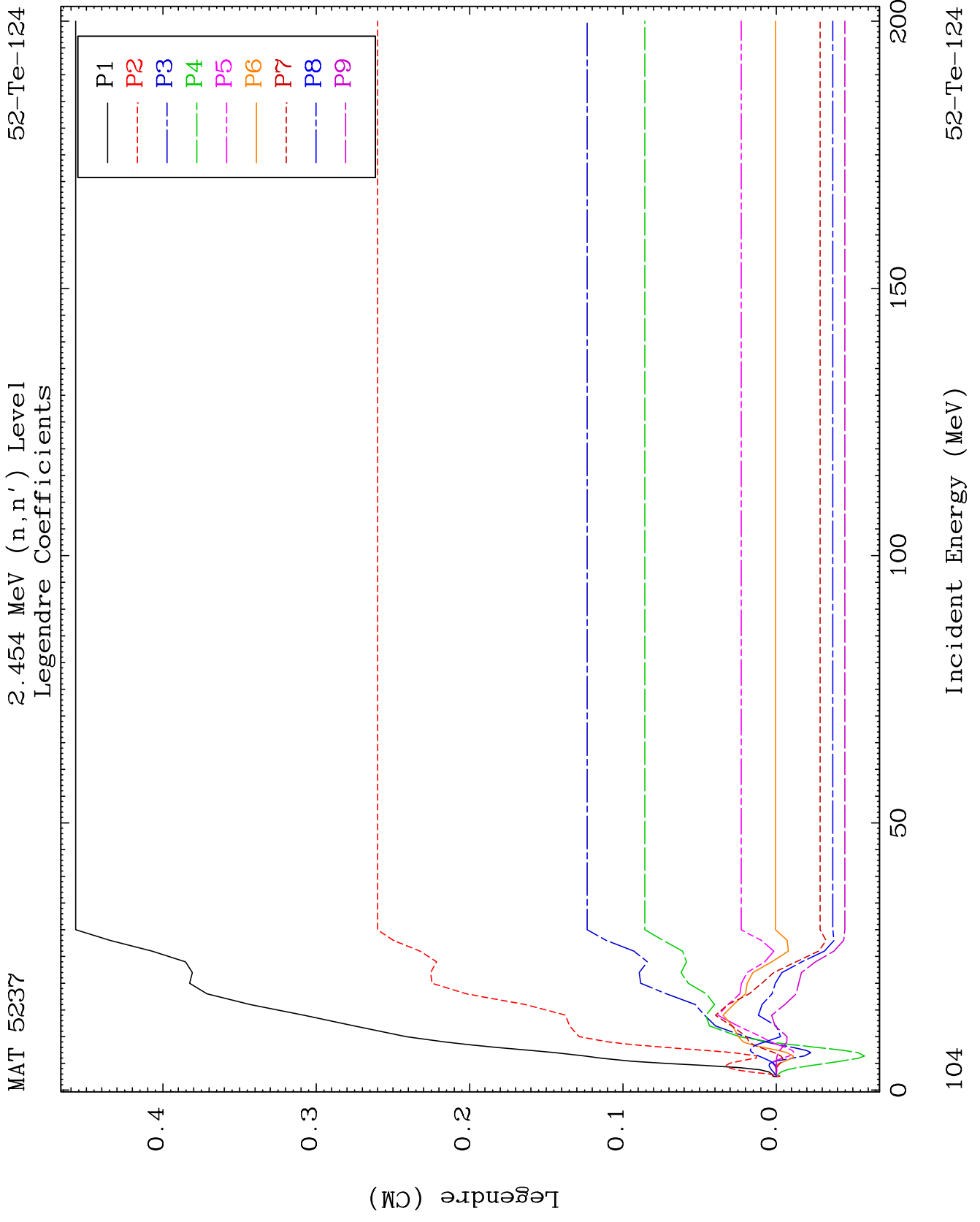
2.349 MeV (n,n') Level
Legendre Coefficients

52-Te-124





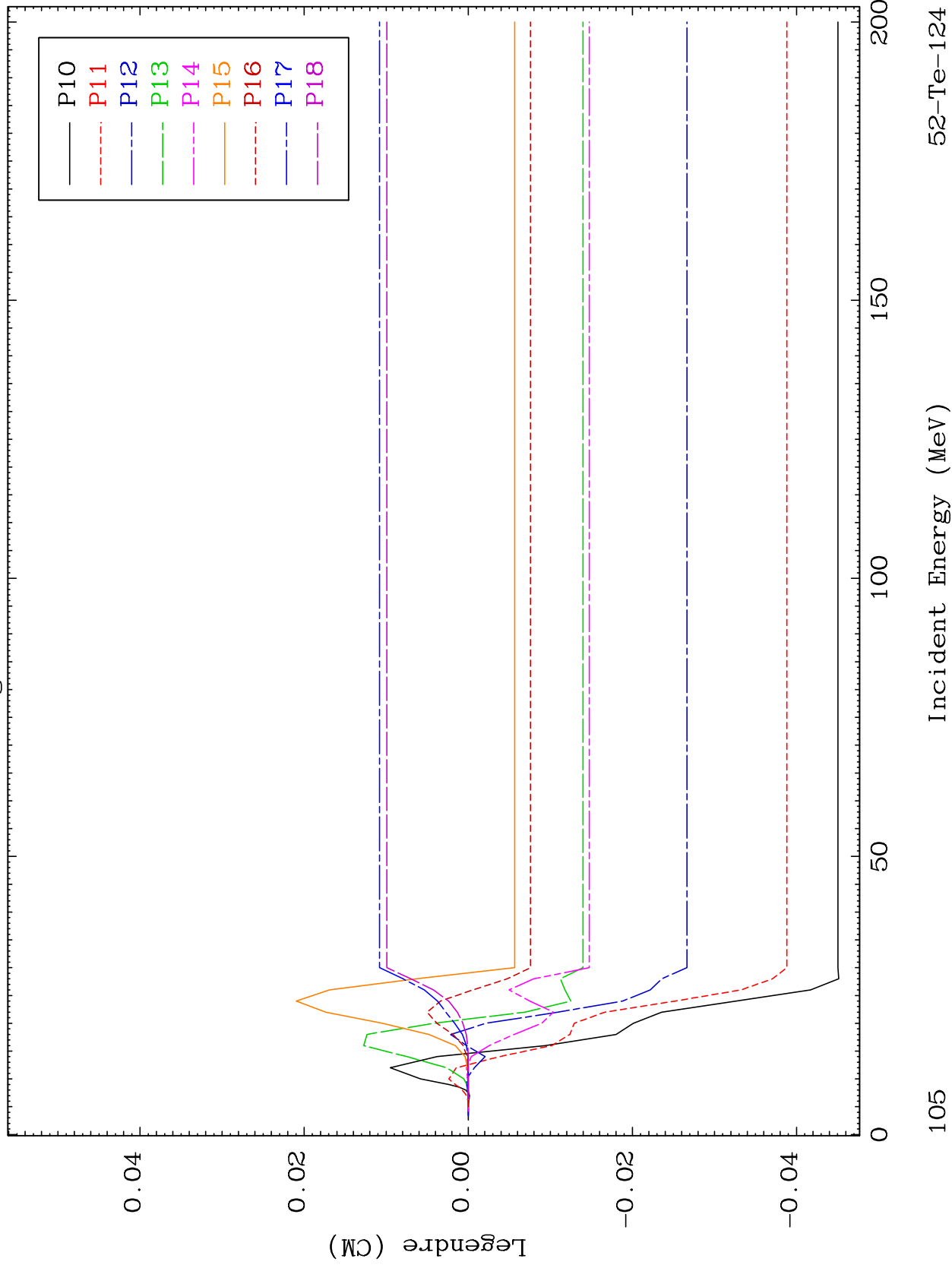




MAT 5237

2.454 MeV (n,n') Level
Legendre Coefficients

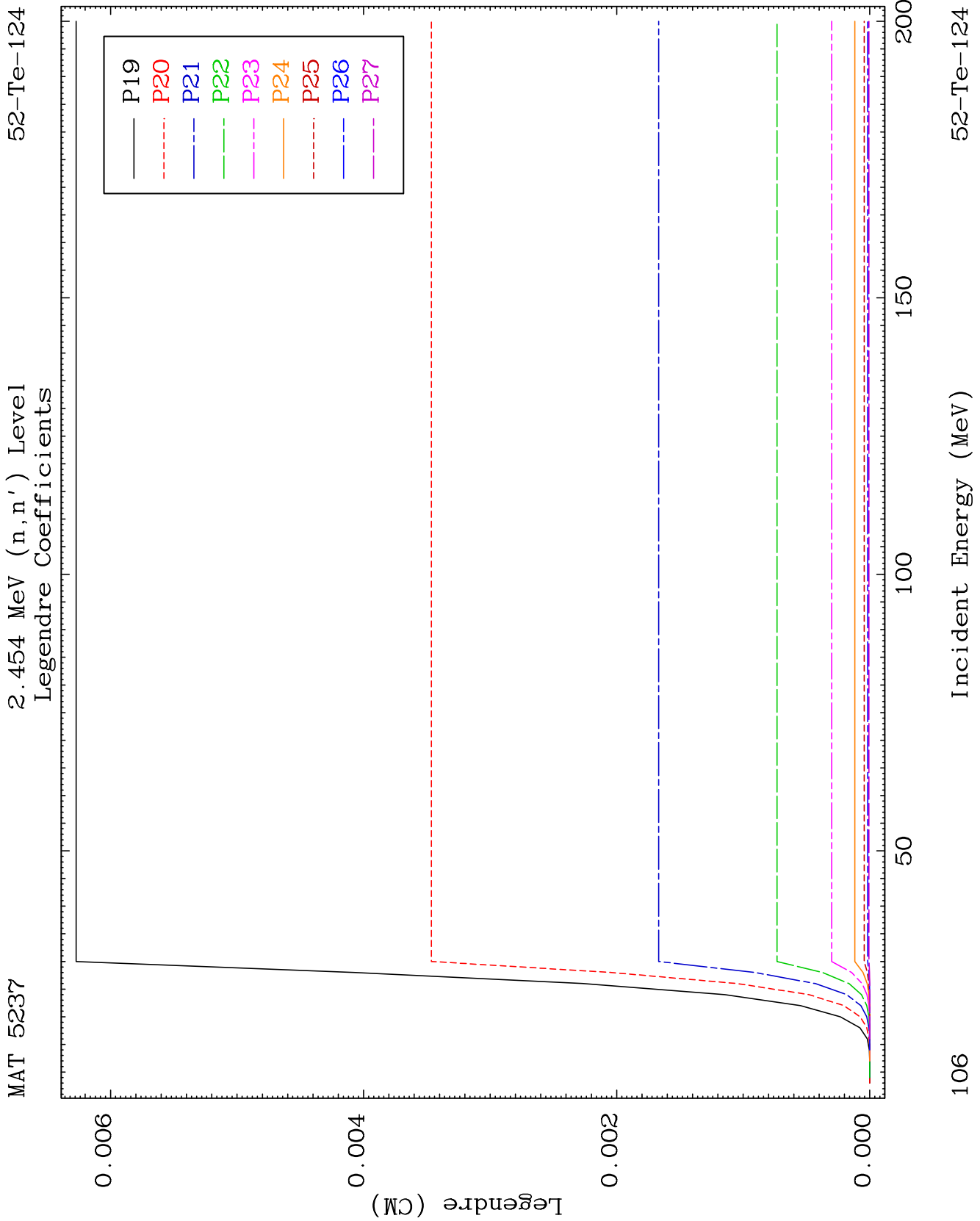
52-Te-124



105

Incident Energy (MeV)

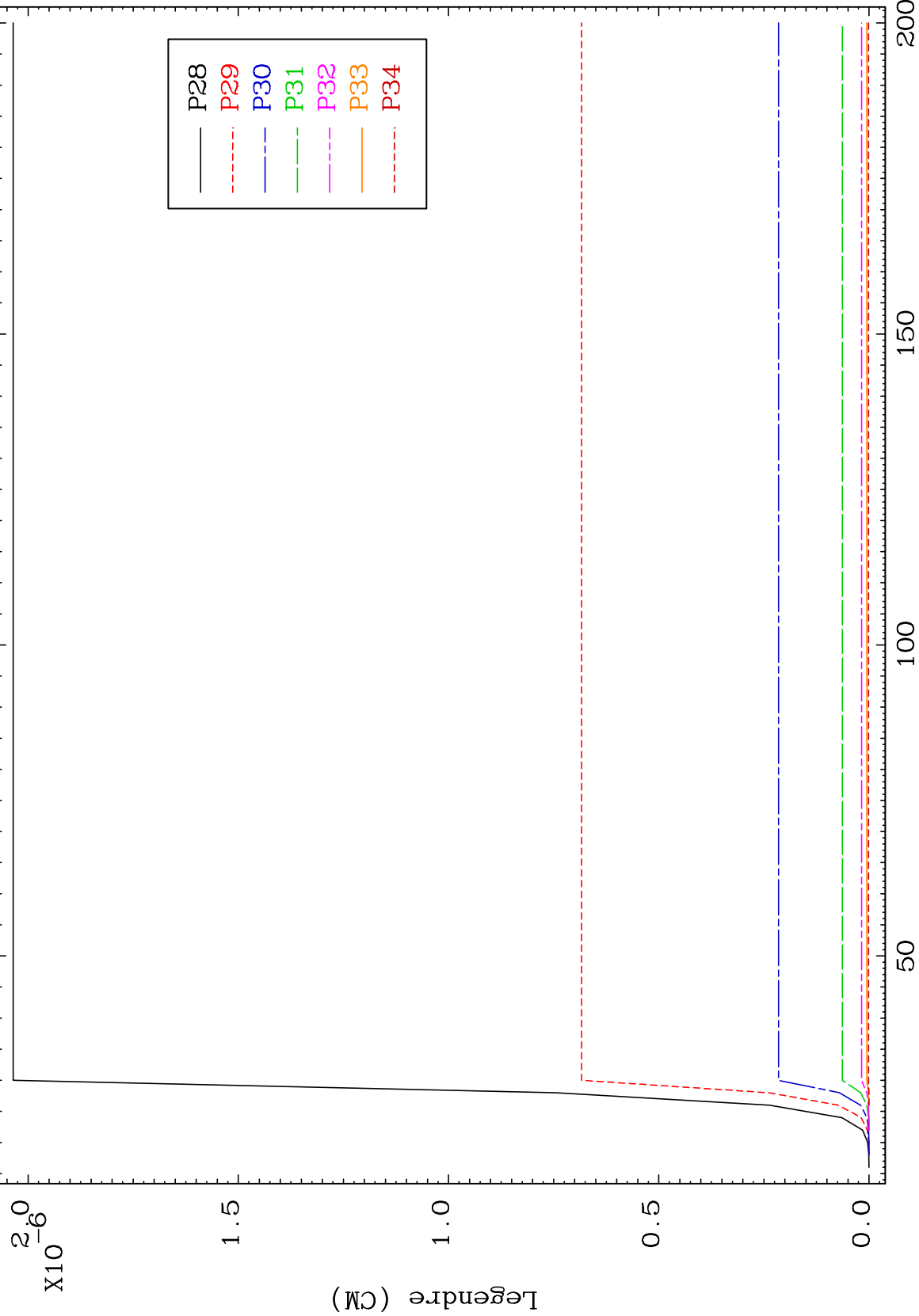
52-Te-124



MAT 5237

2.454 MeV (n,n') Level
Legendre Coefficients

52-Te-124



107

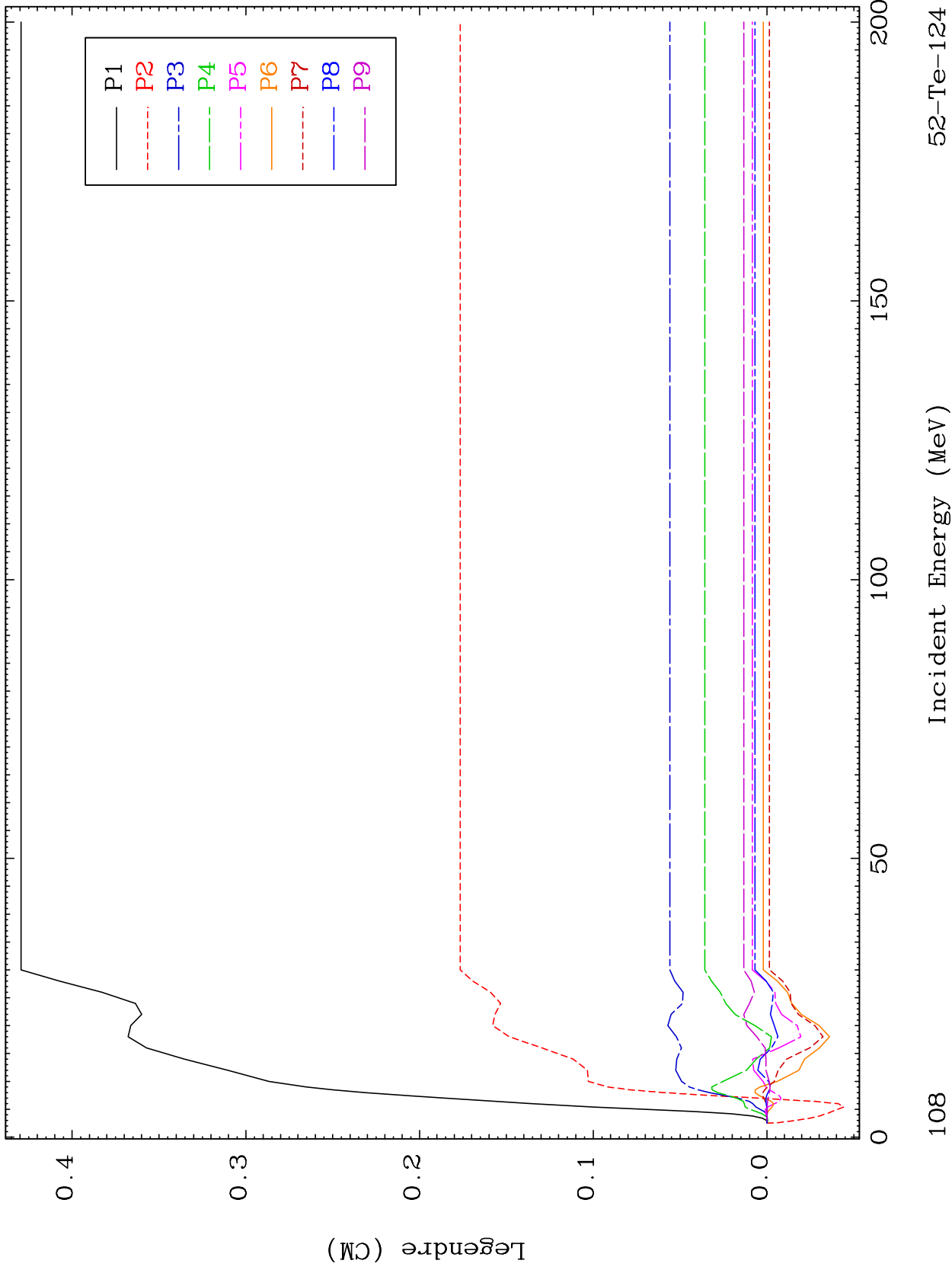
Incident Energy (MeV)

52-Te-124

MAT 5237

2.483 MeV (n,n') Level
Legendre Coefficients

52-Te-124



52-Te-124

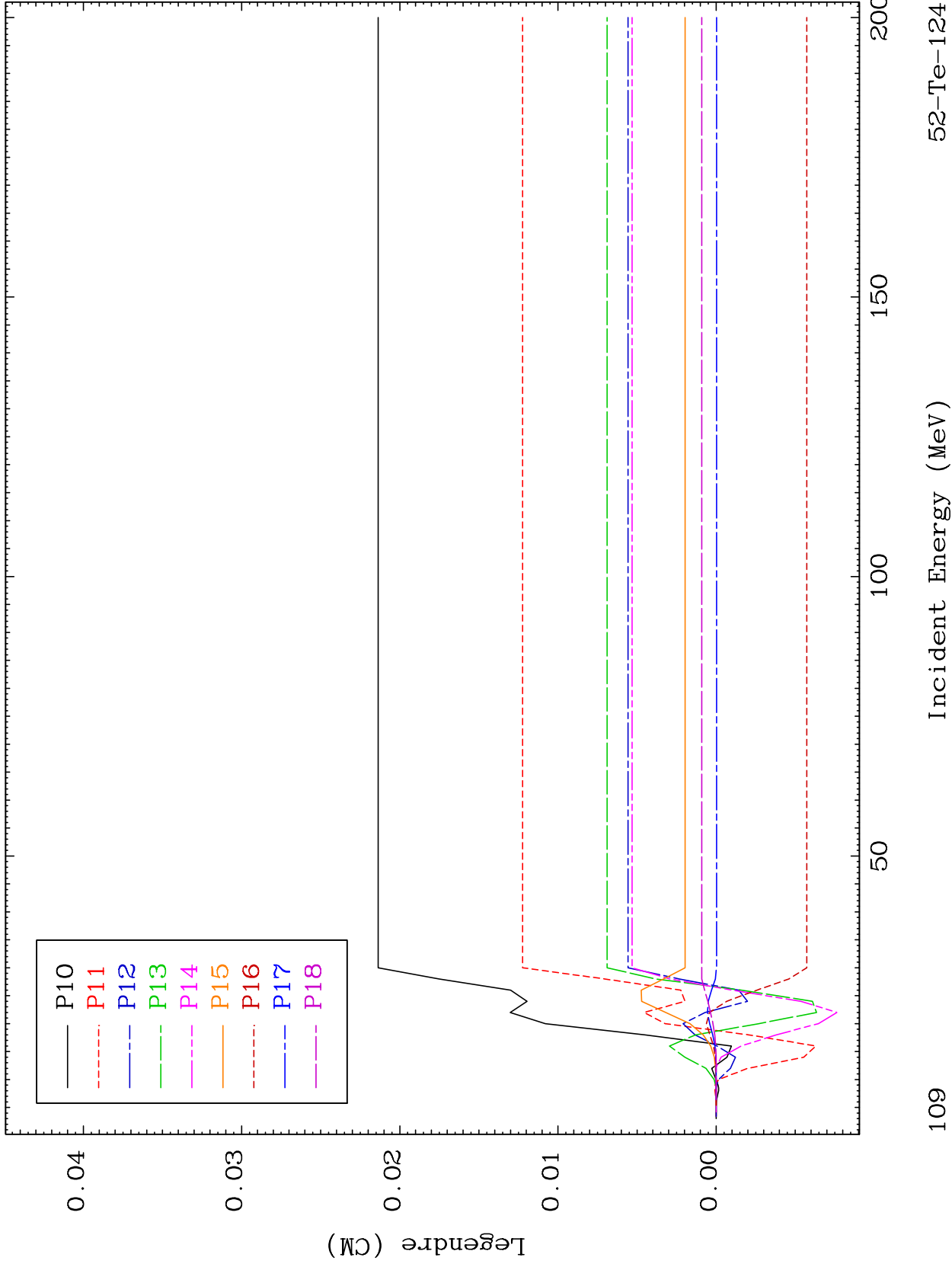
Incident Energy (MeV)

108

MAT 5237

2.483 MeV (n,n') Level
Legendre Coefficients

52-Te-124



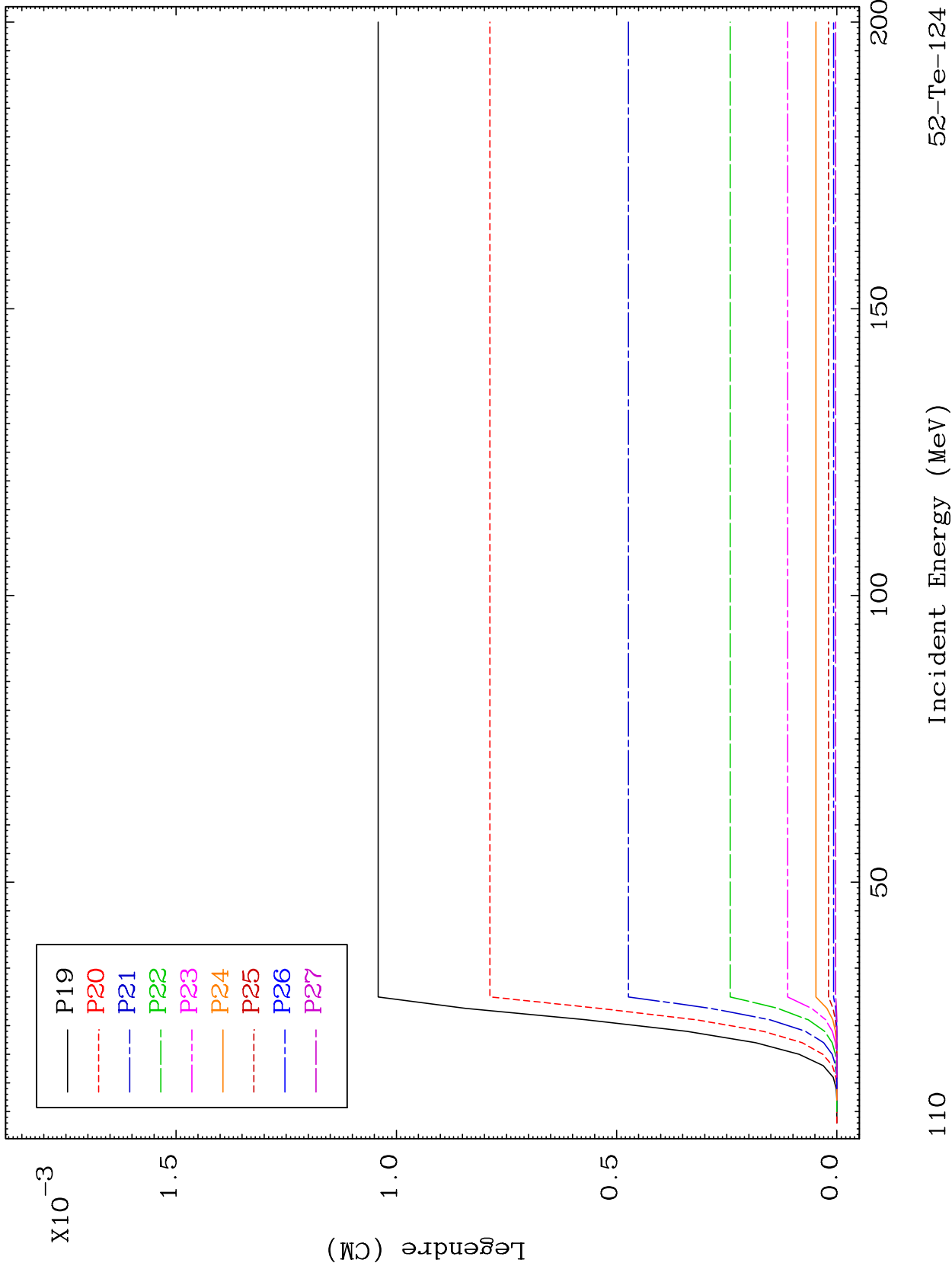
109

52-Te-124

MAT 5237

2.483 MeV (n, n') Level
Legendre Coefficients

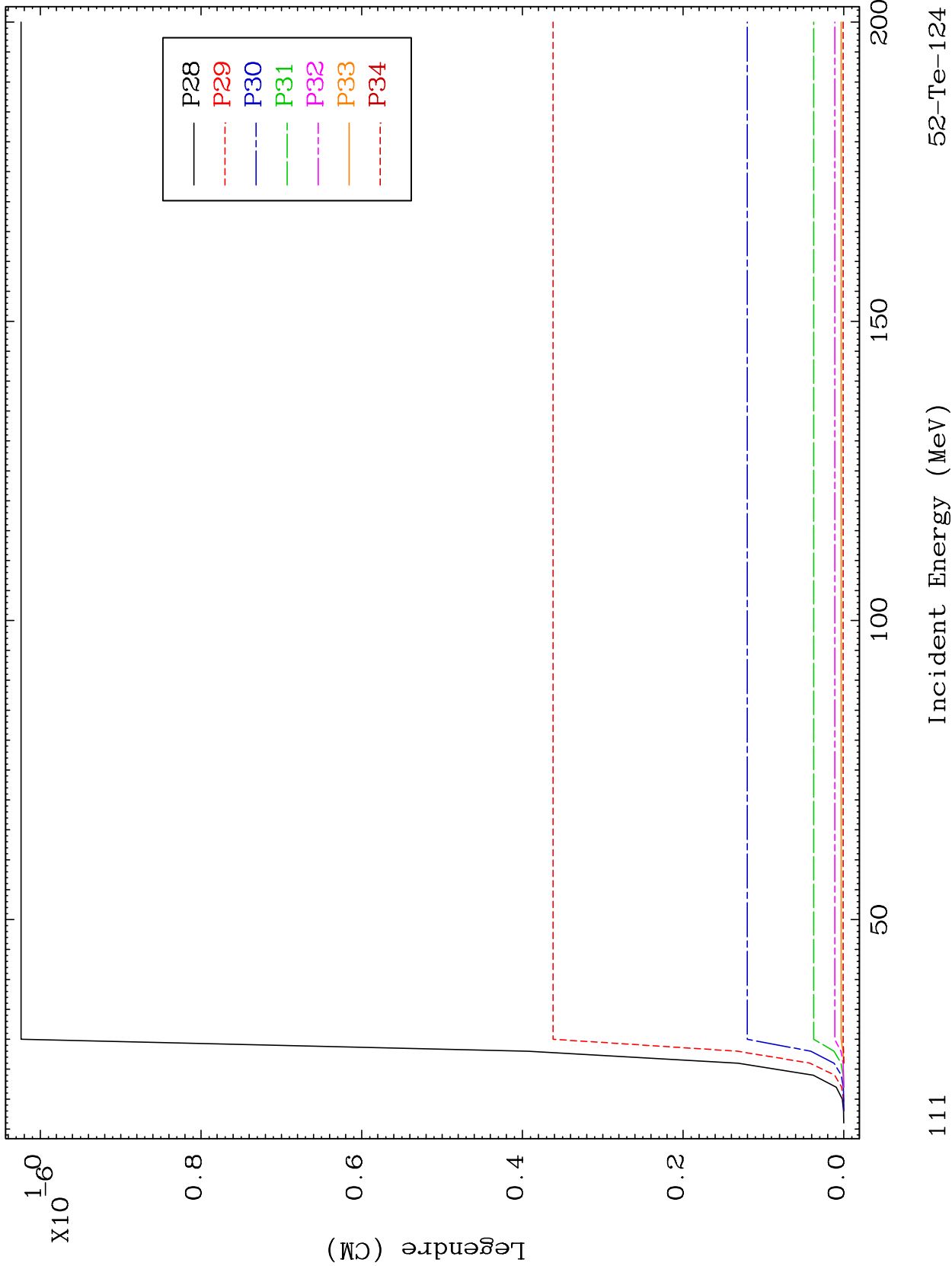
52-Te-124



MAT 5237

2.483 MeV (n,n') Level
Legendre Coefficients

52-Te-124

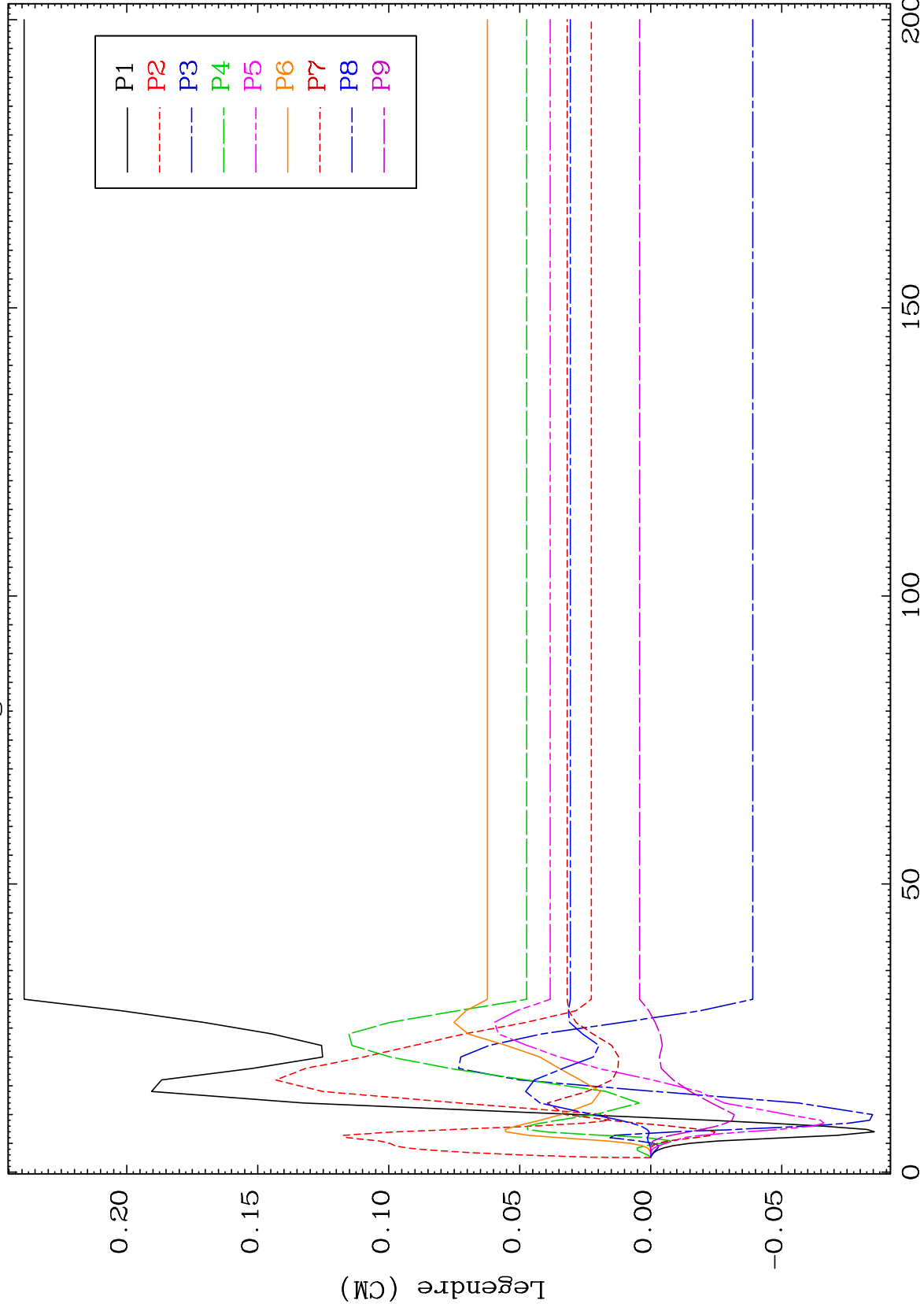


111

MAT 5237

2.492 MeV (n,n') Level
Legendre Coefficients

52-Te-124



112

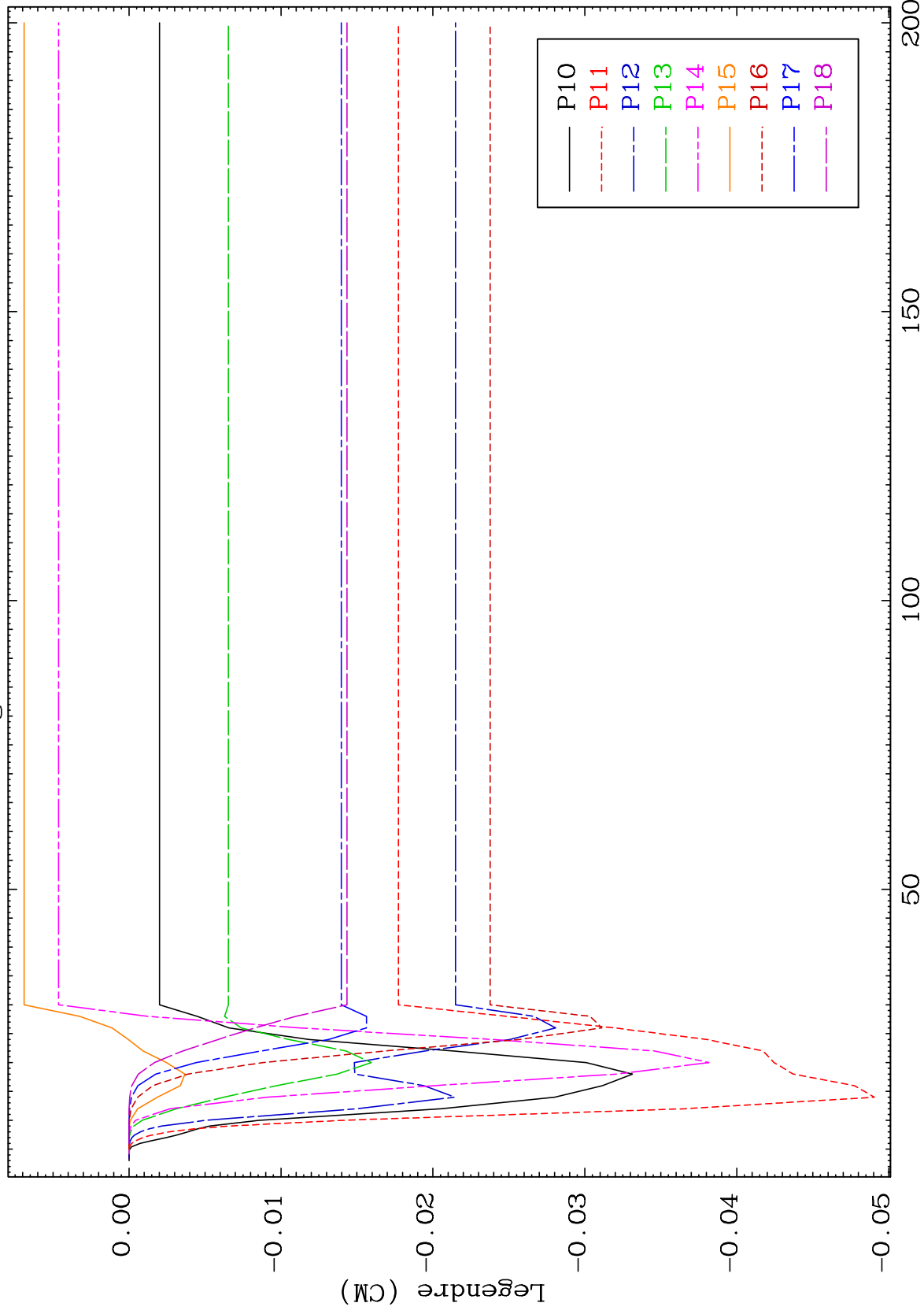
Incident Energy (MeV)

52-Te-124

MAT 5237

2.492 MeV (n, n') Level
Legendre Coefficients

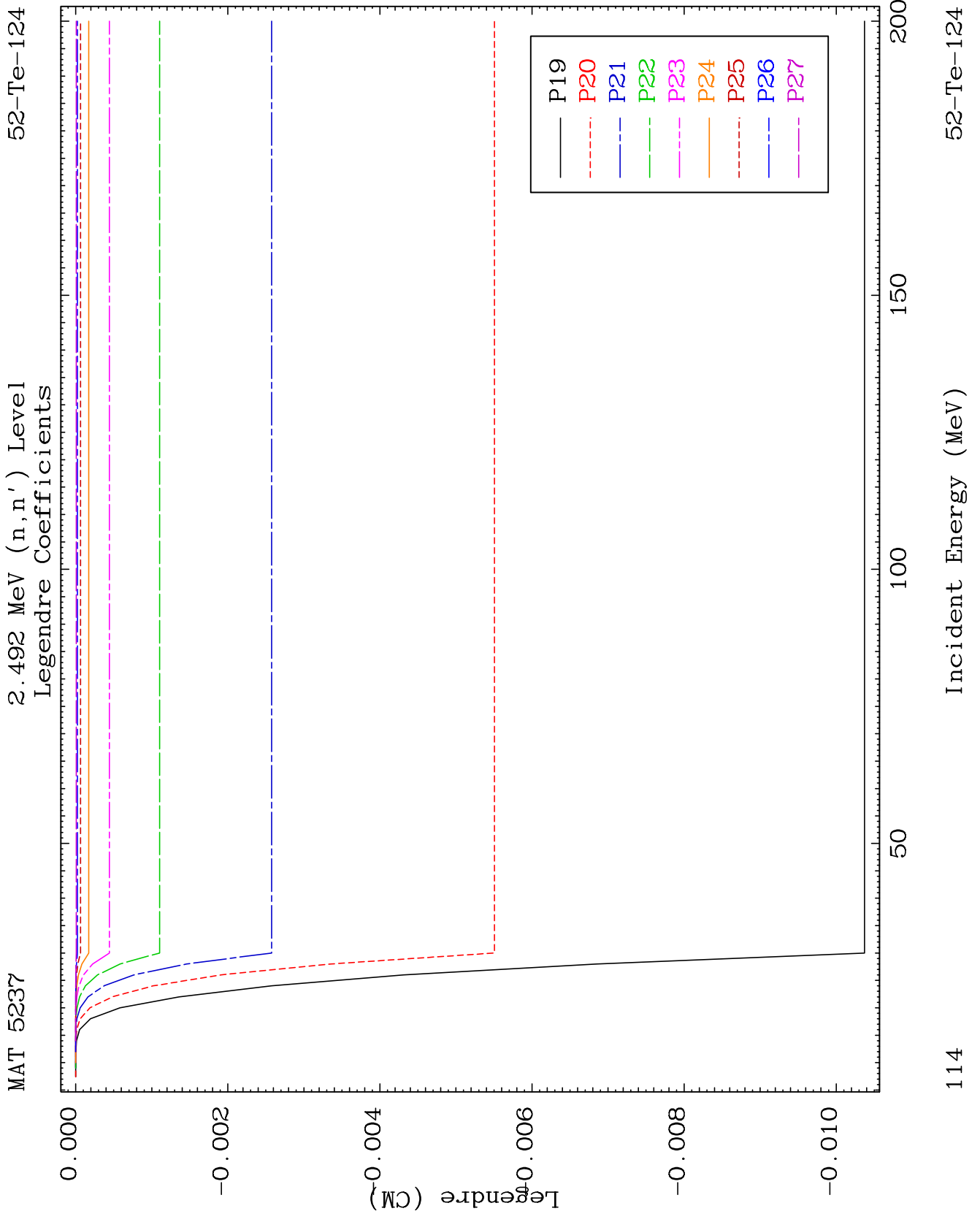
52-Te-124

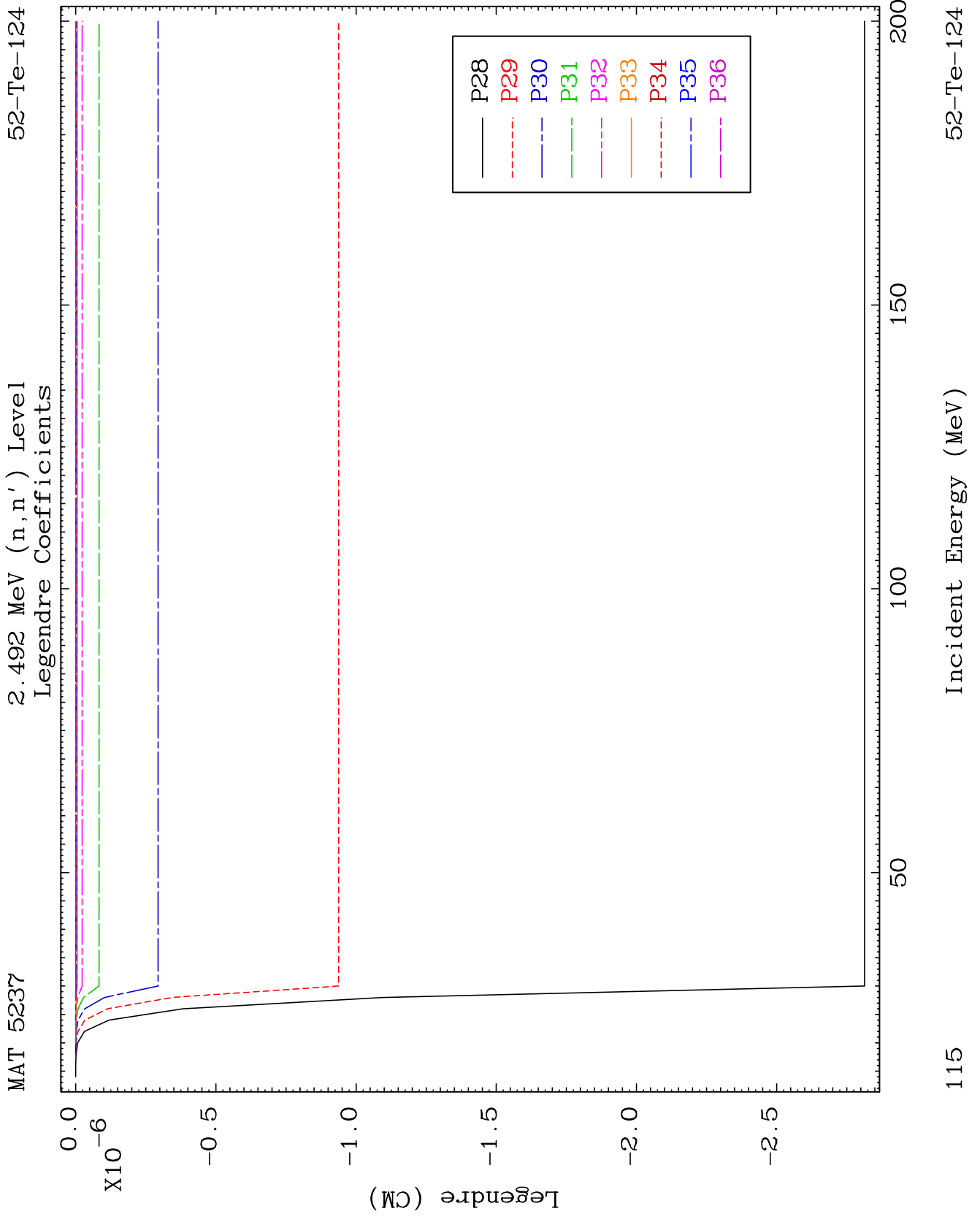


113

Incident Energy (MeV)

52-Te-124

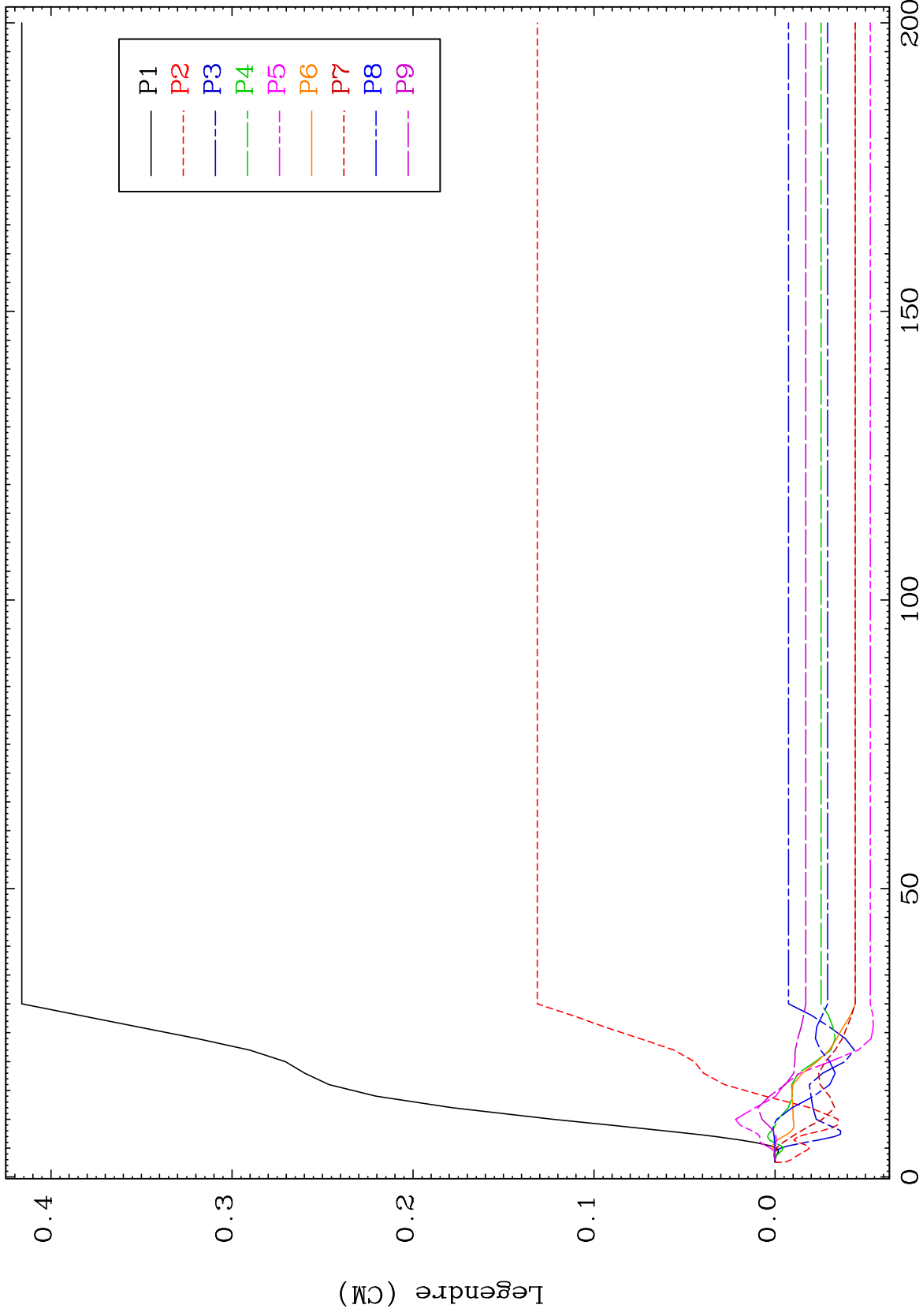




MAT 5237

2.497 MeV (n,n') Level
Legendre Coefficients

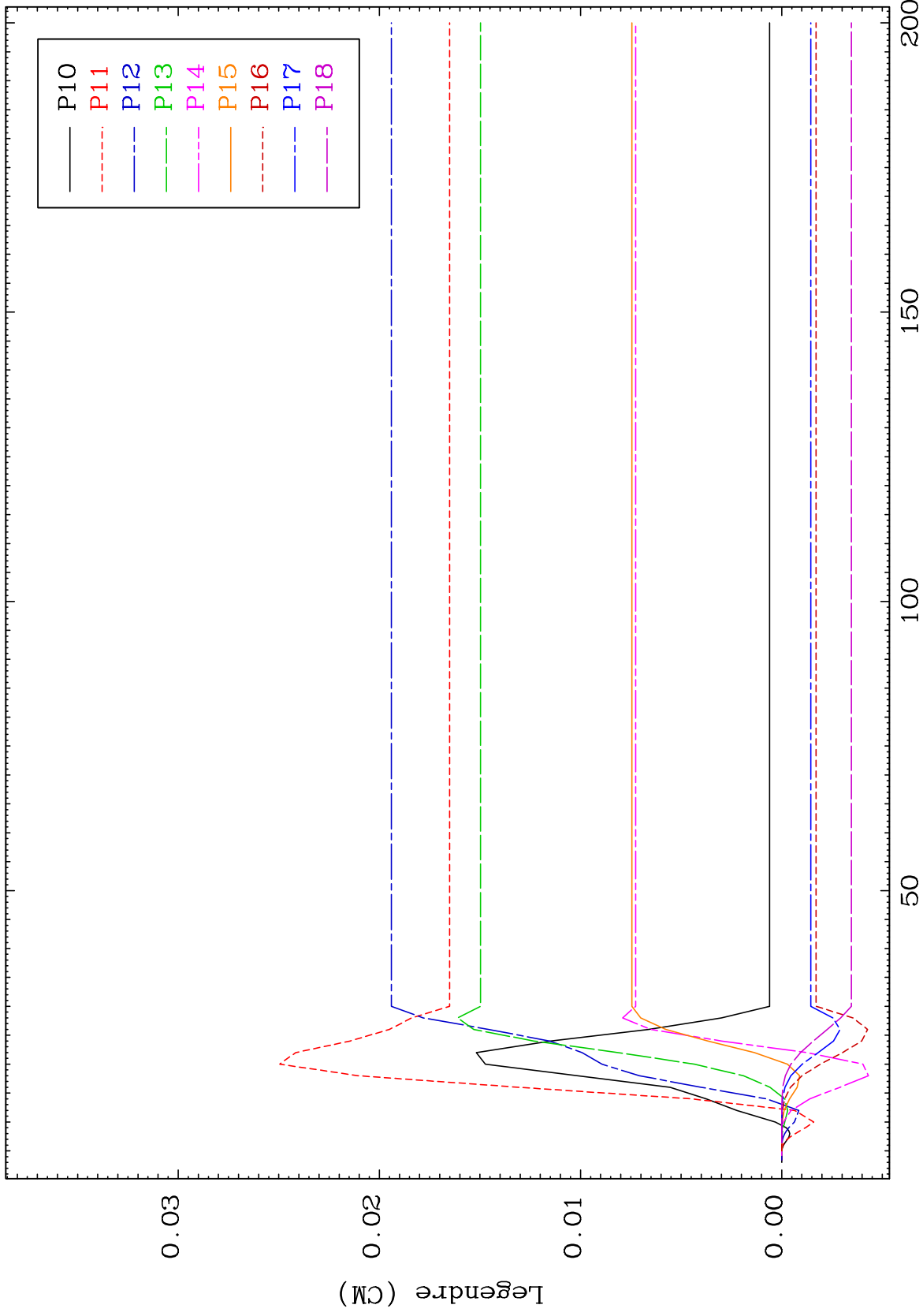
52-Te-124

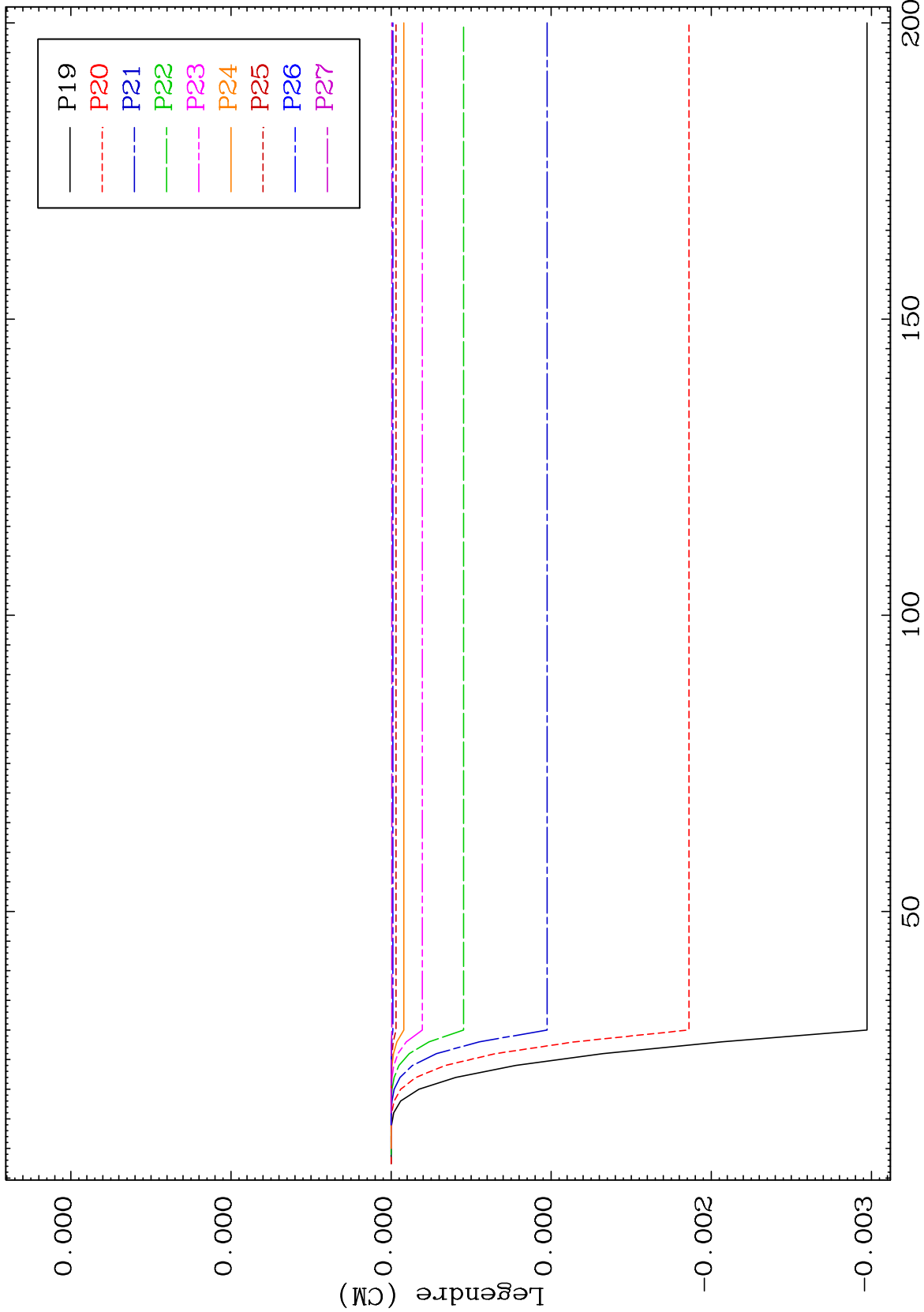


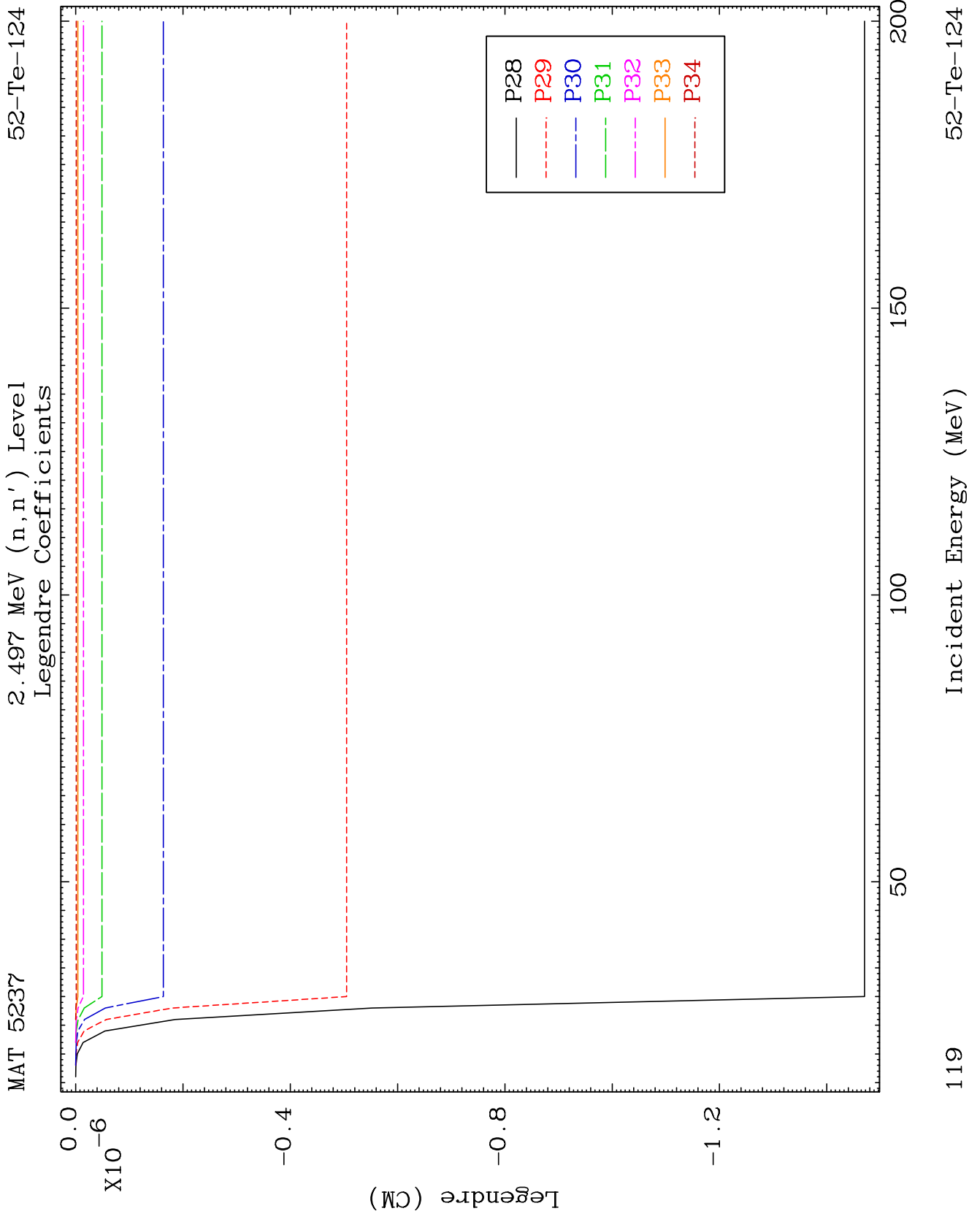
116

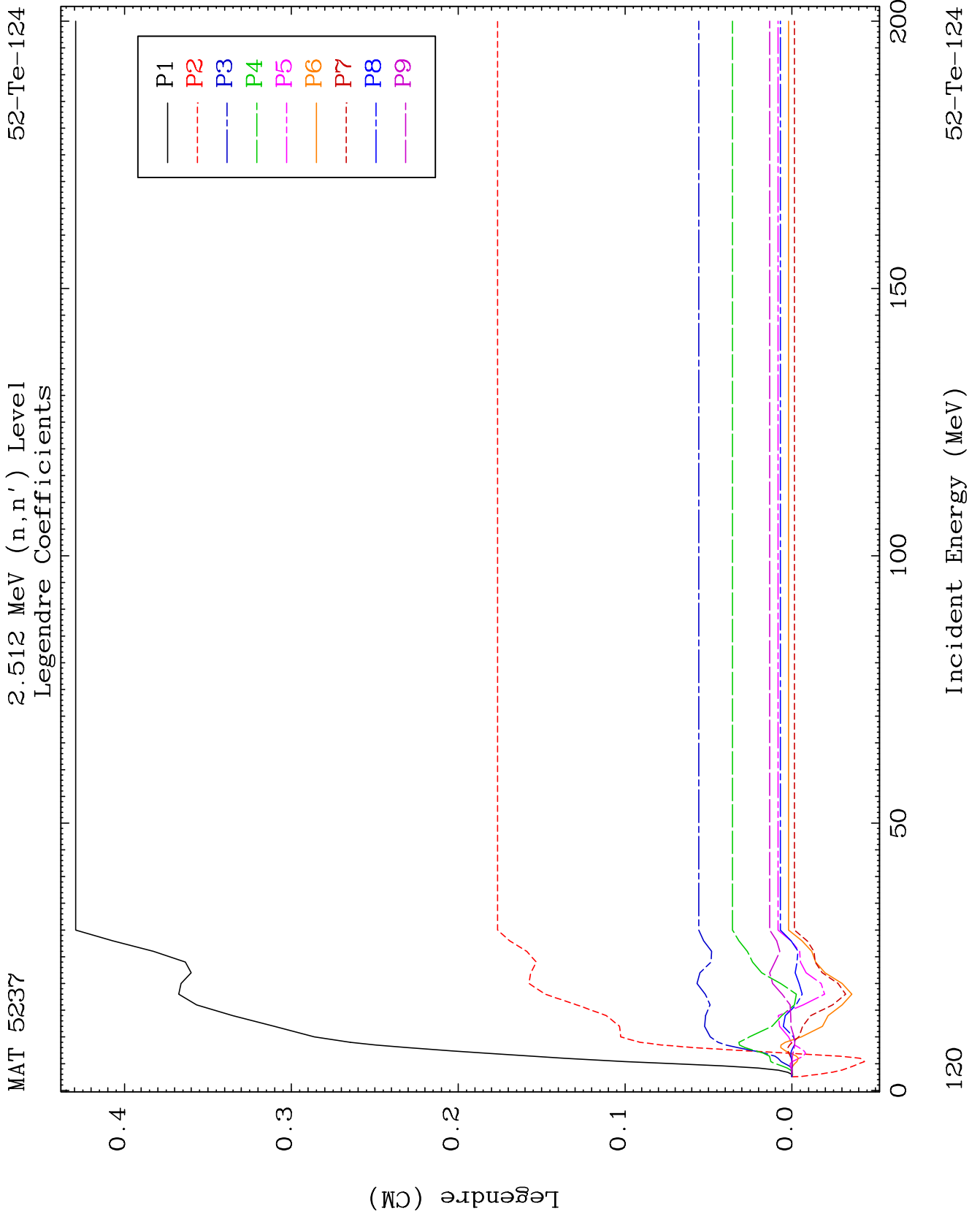
Incident Energy (MeV)

52-Te-124





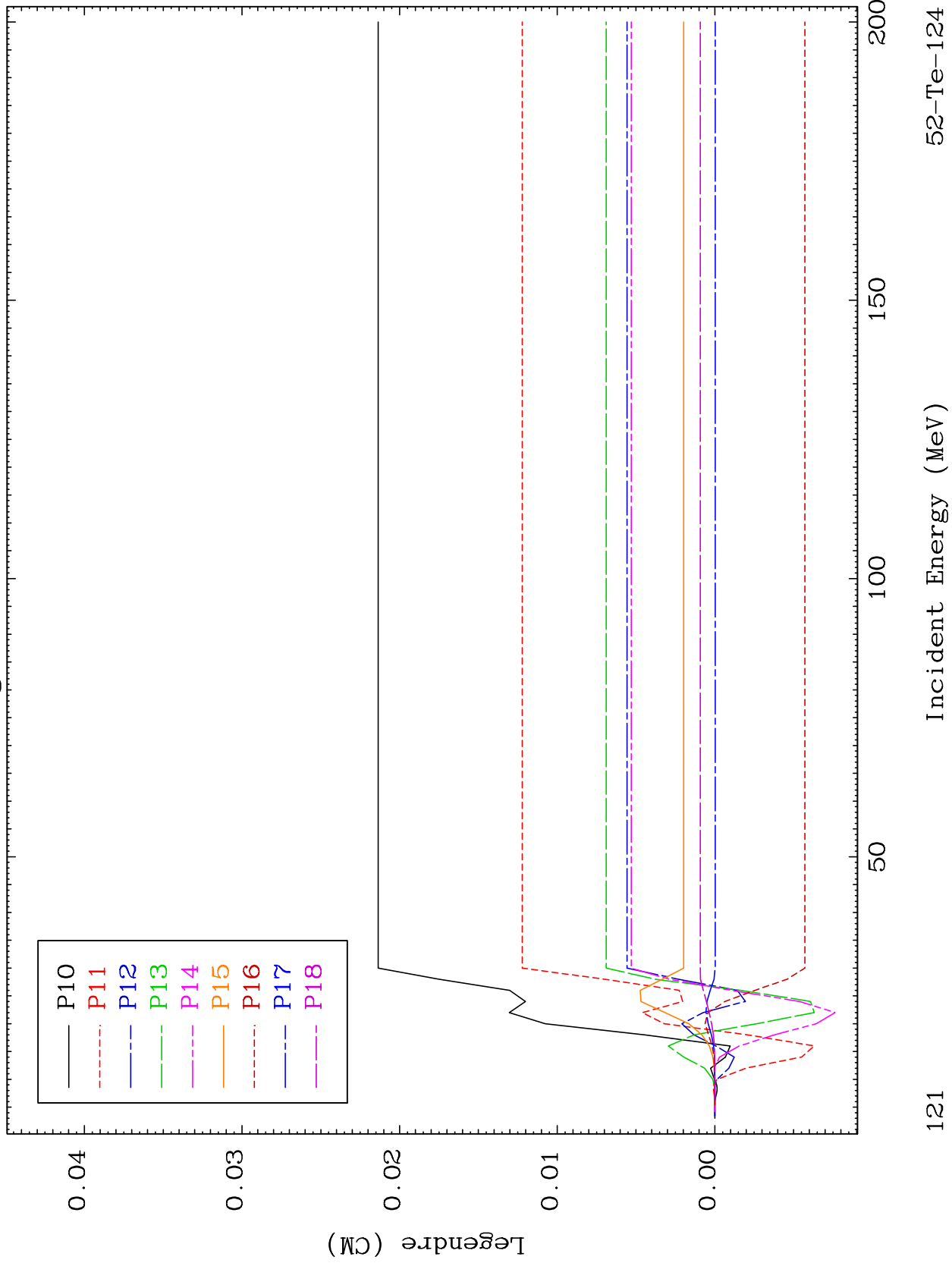




MAT 5237

2.512 MeV (n, n') Level
Legendre Coefficients

52-Te-124



121

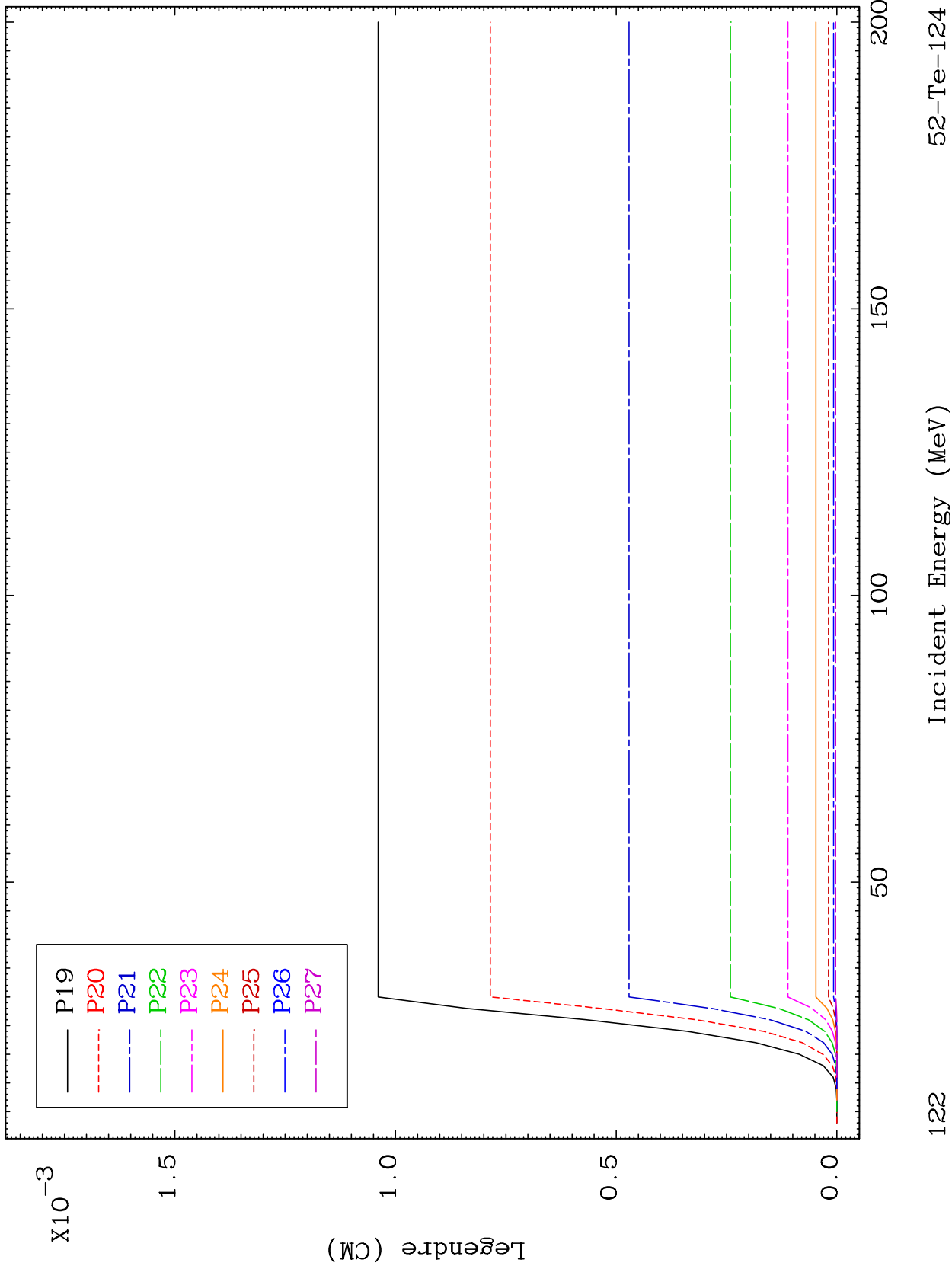
Incident Energy (MeV)

52-Te-124

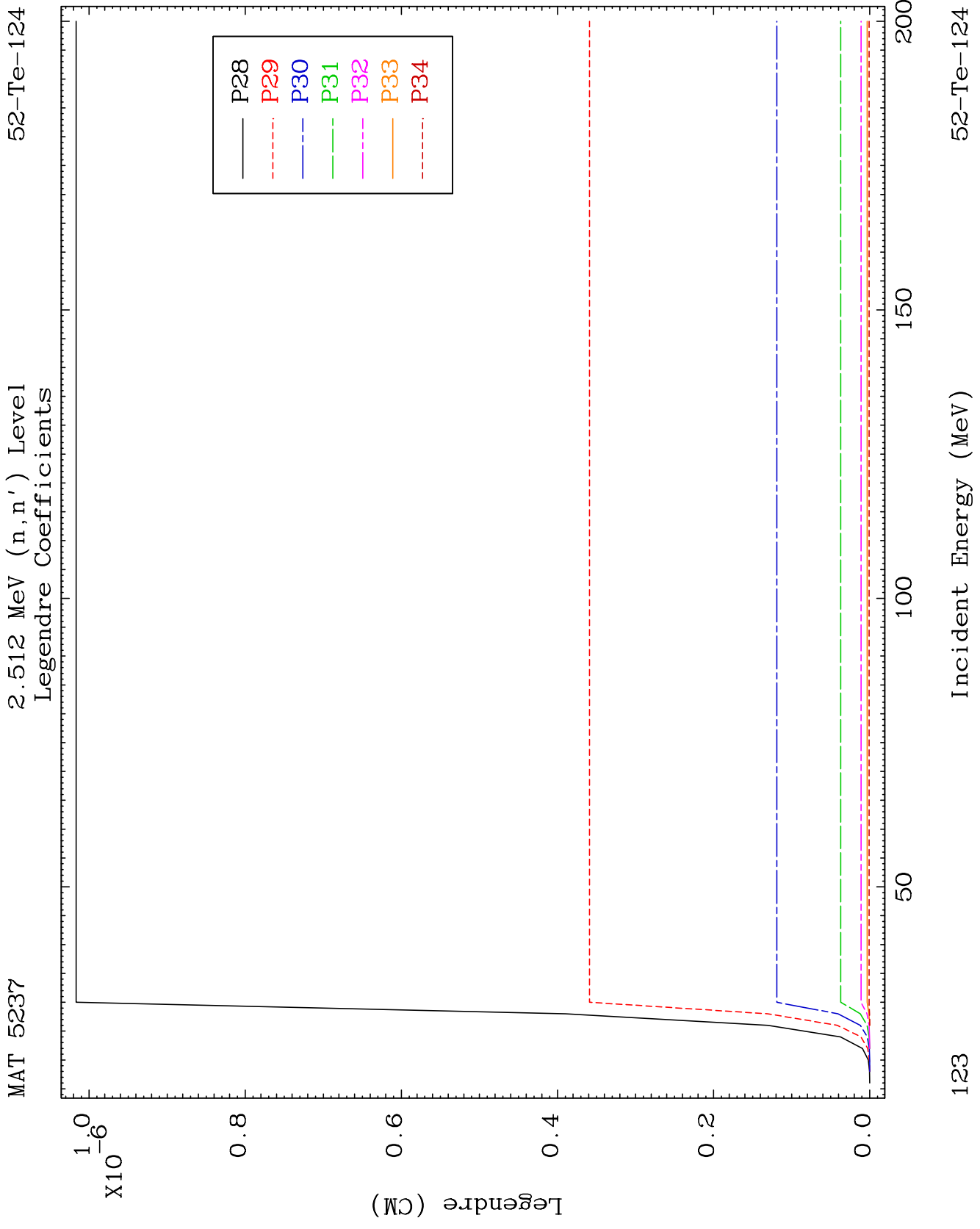
MAT 5237

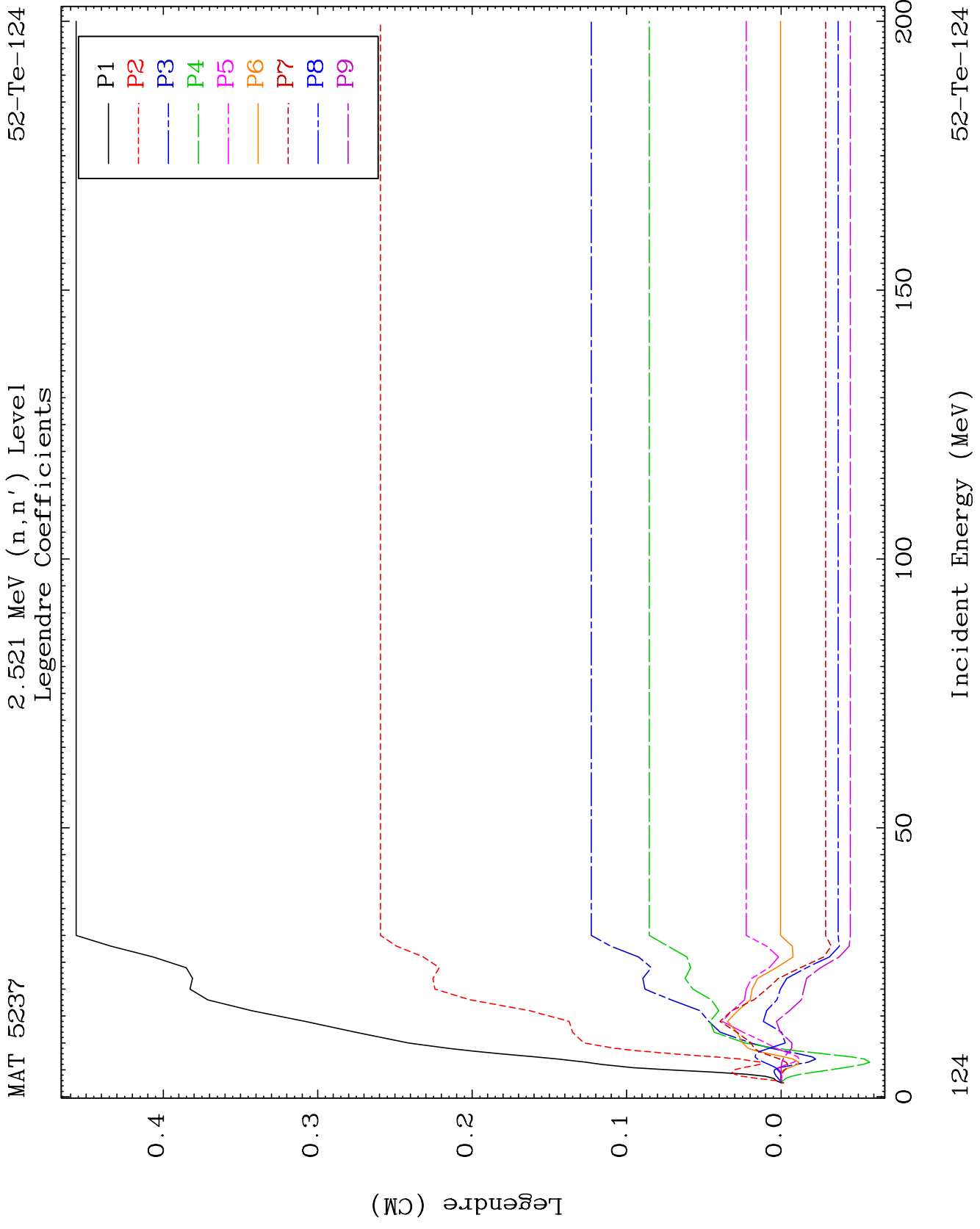
2.512 MeV (n, n') Level
Legendre Coefficients

52-Te-124



122

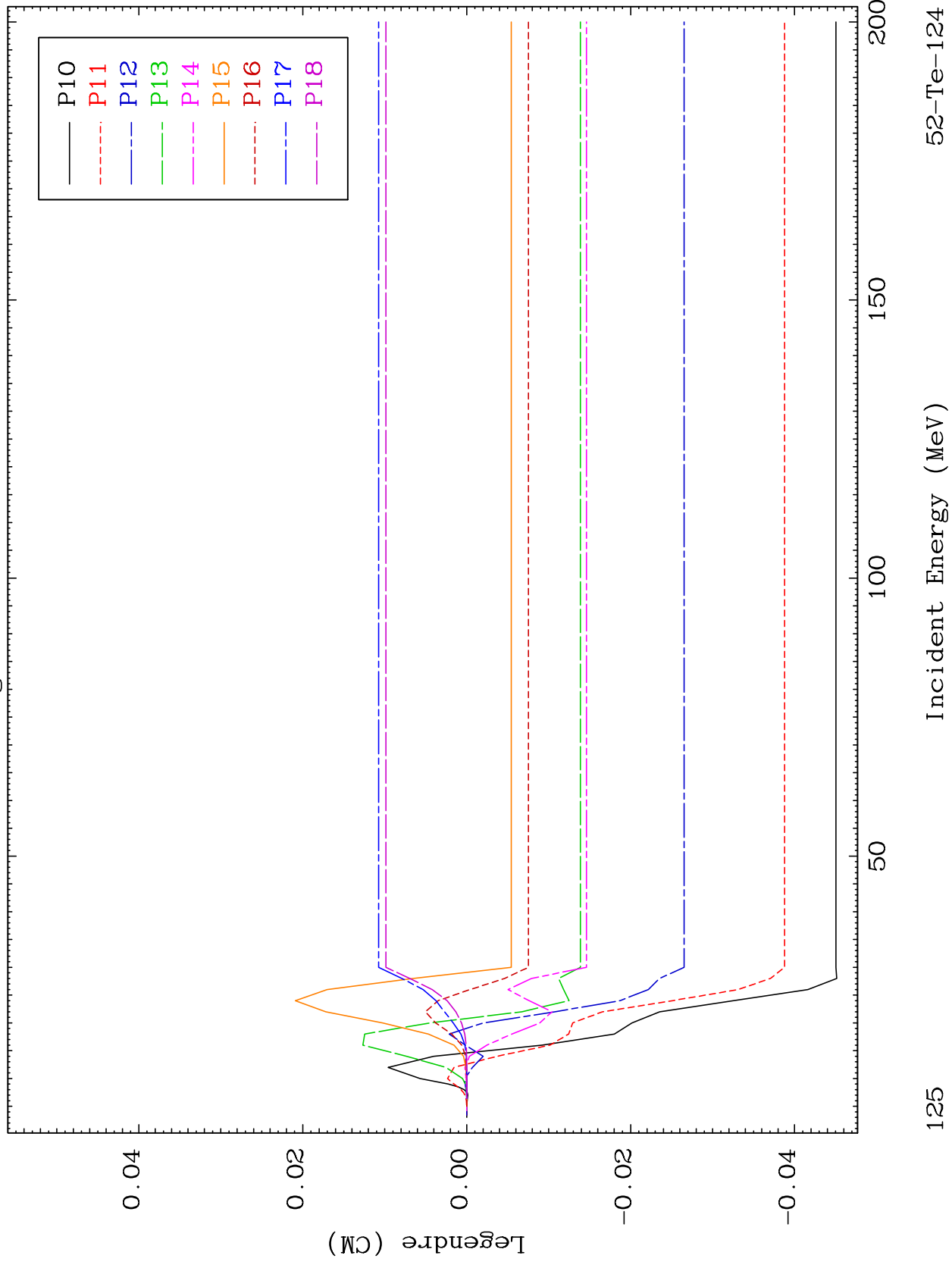




MAT 5237

2.521 MeV (n,n') Level
Legendre Coefficients

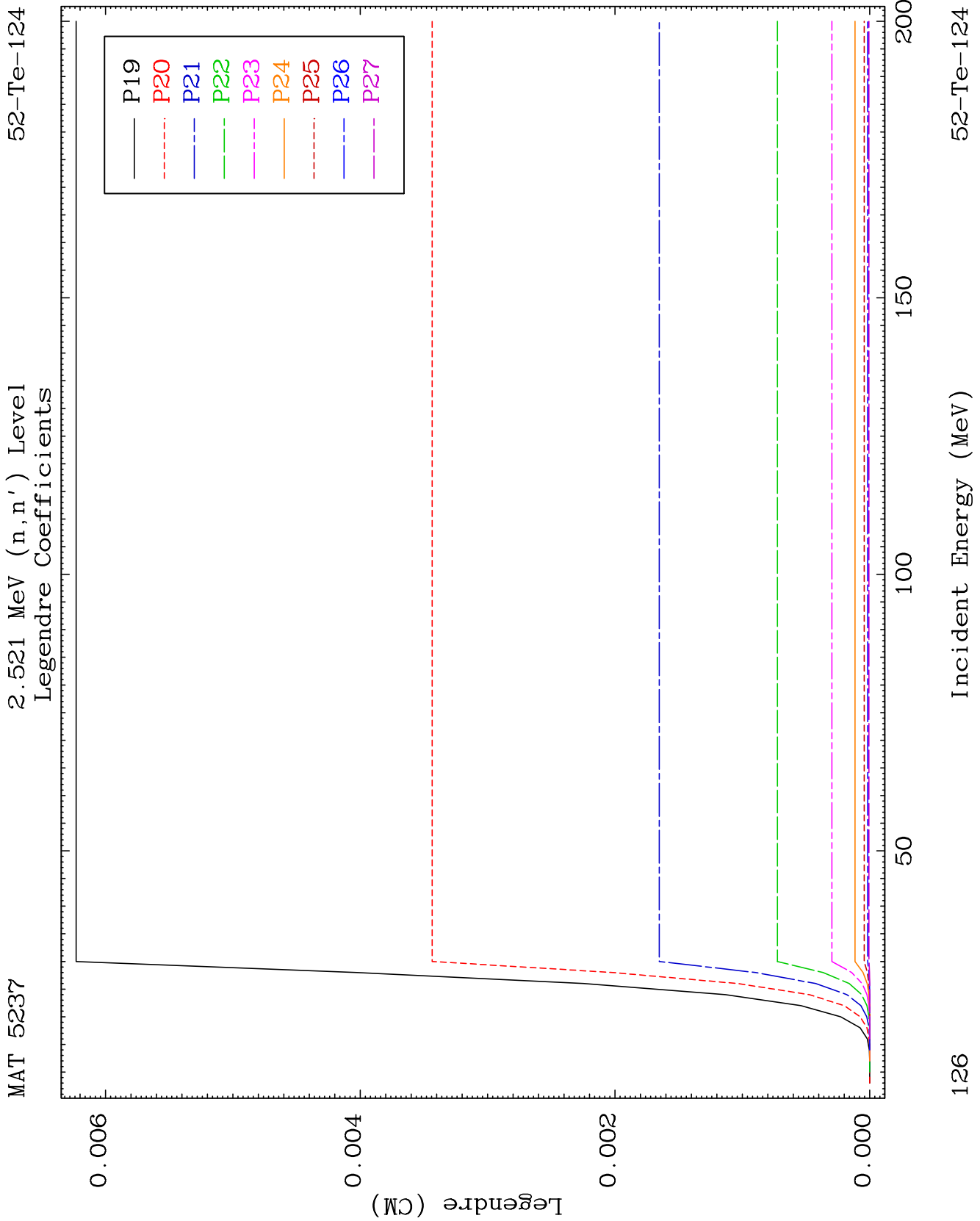
52-Te-124

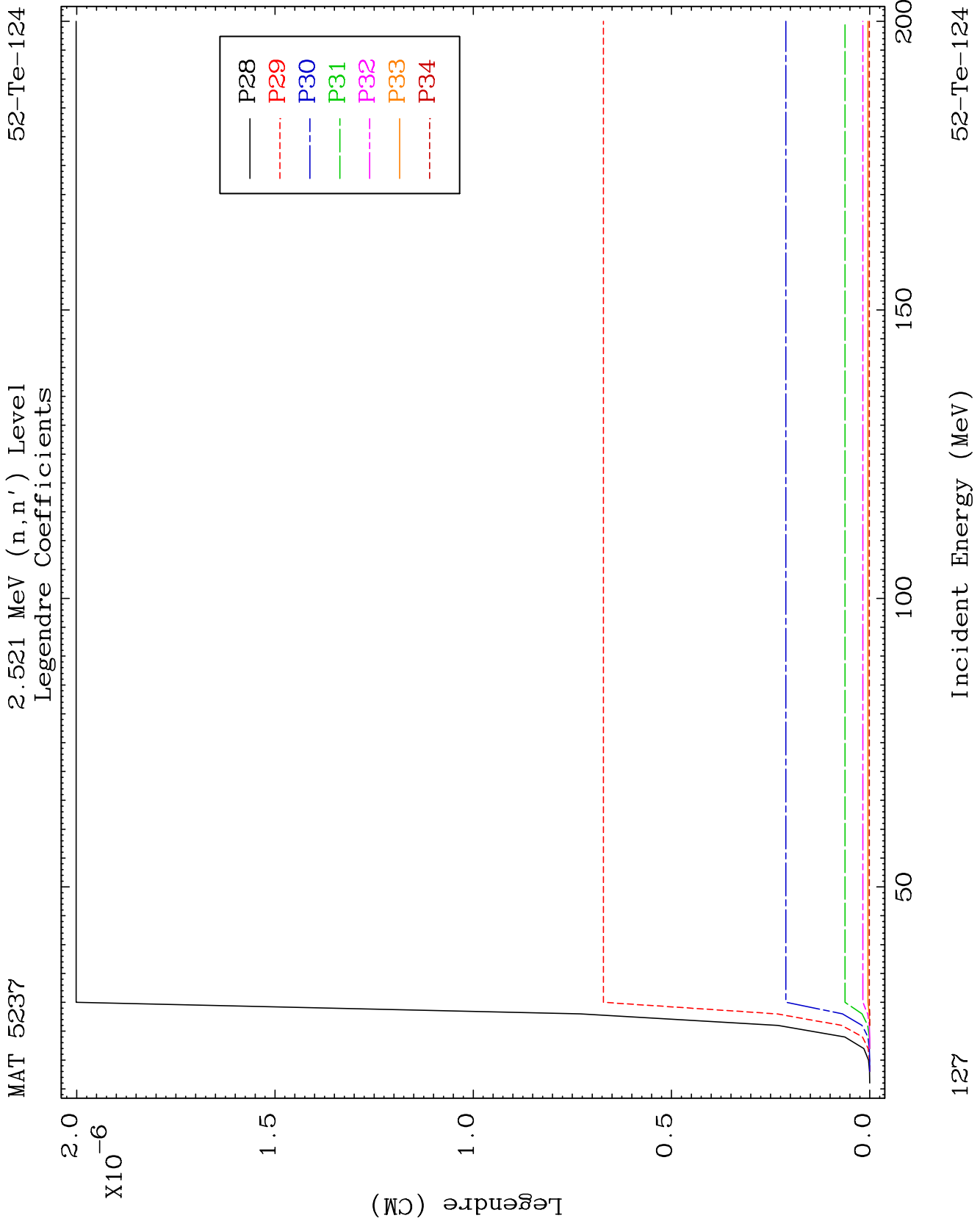


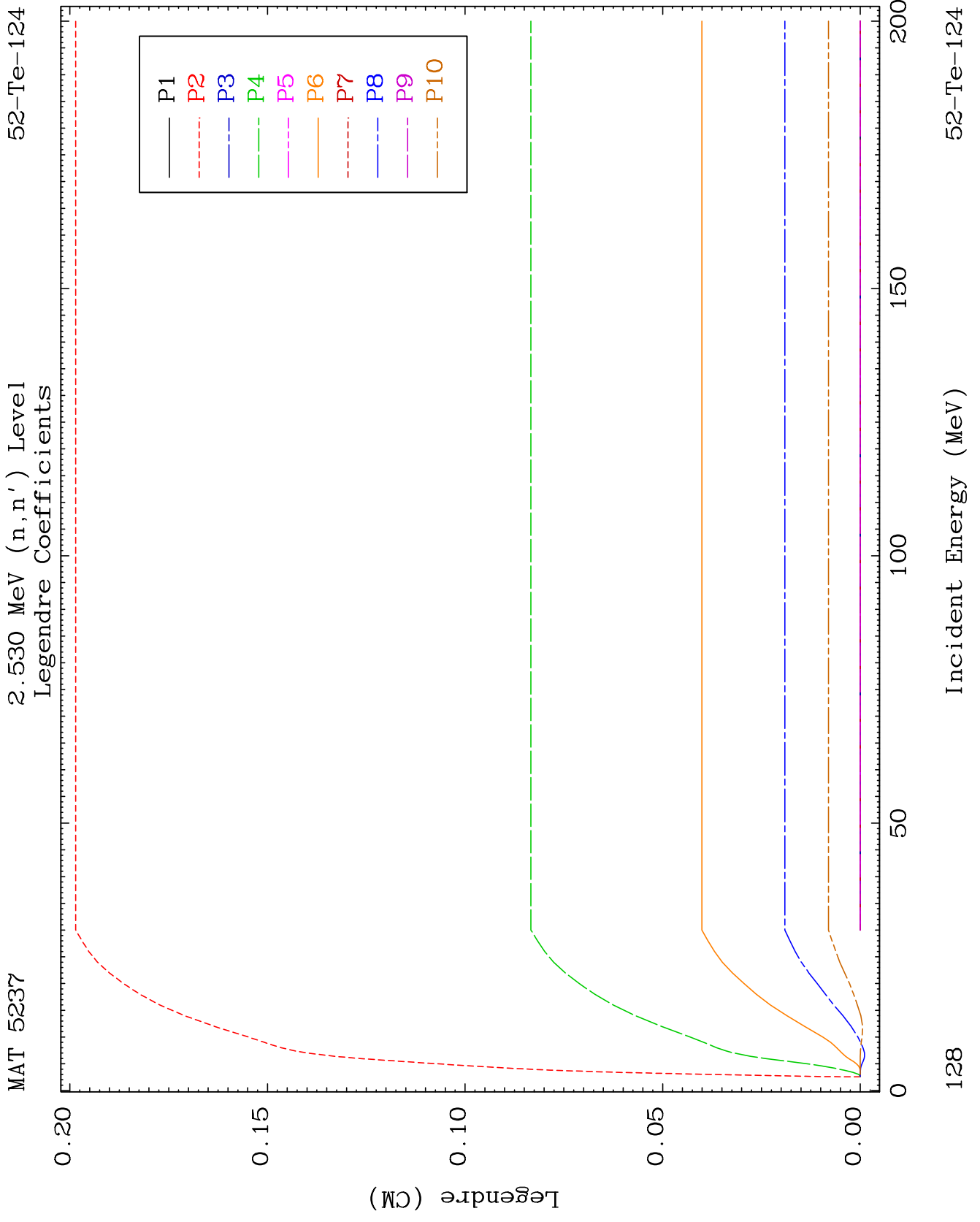
52-Te-124

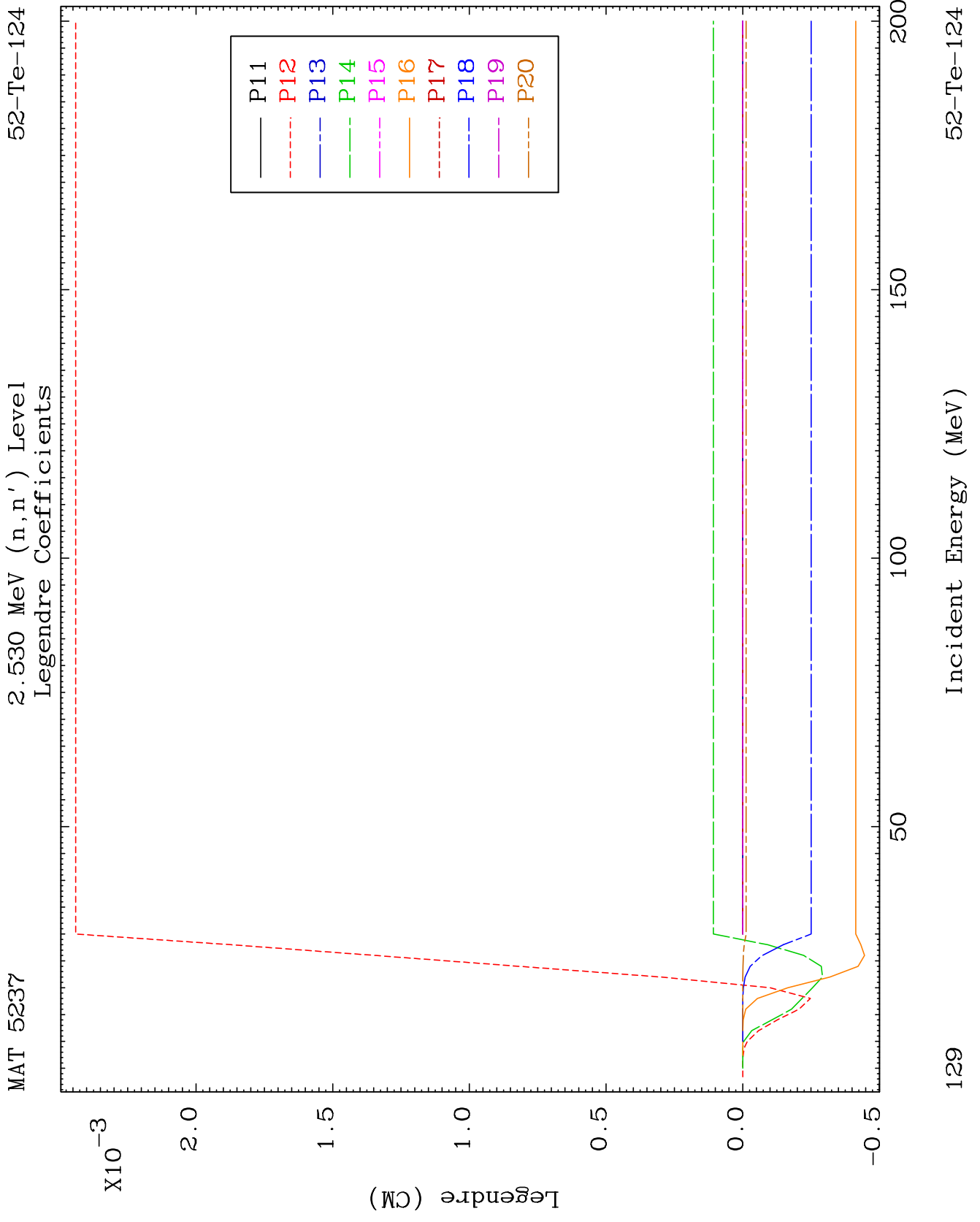
Incident Energy (MeV)

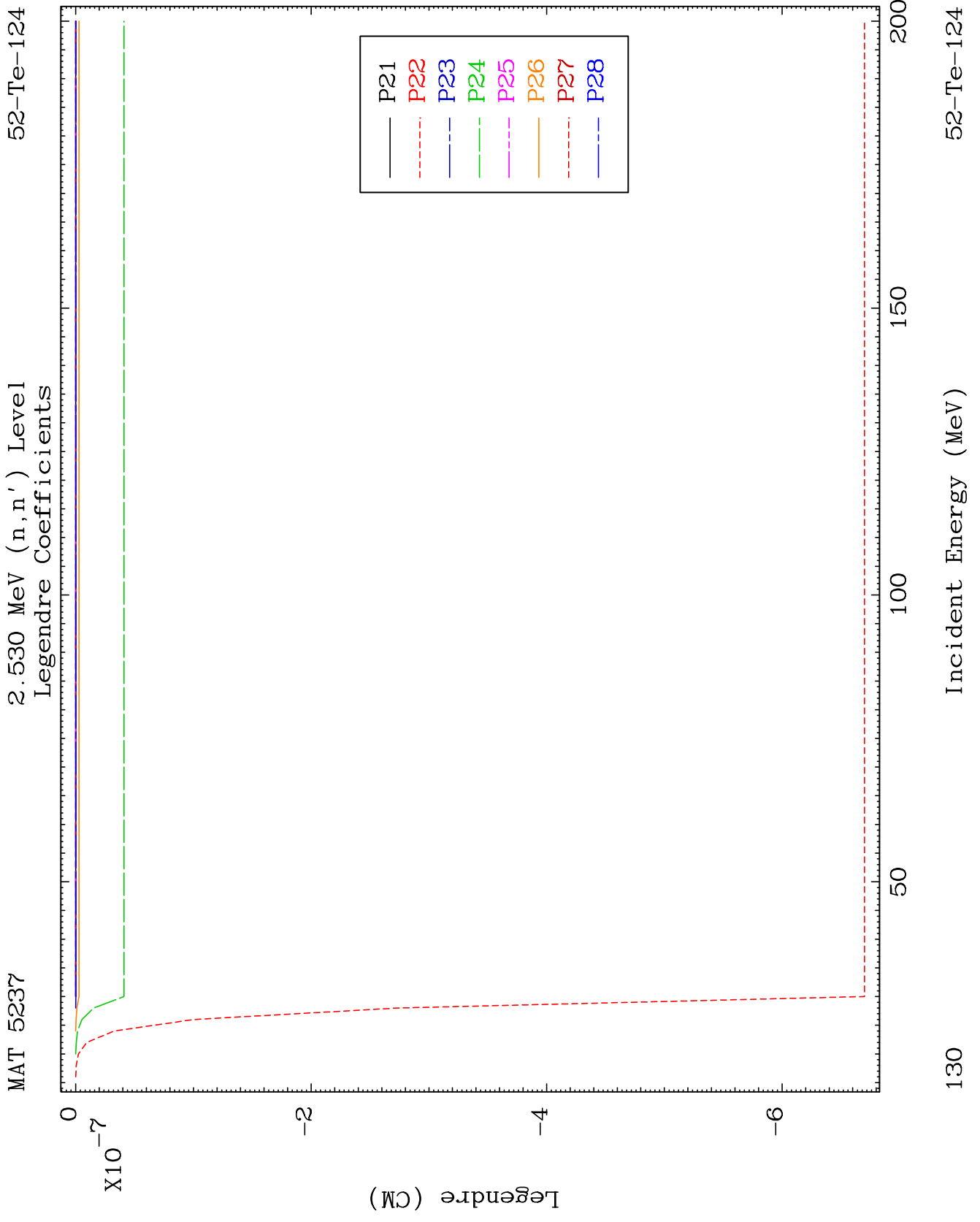
125

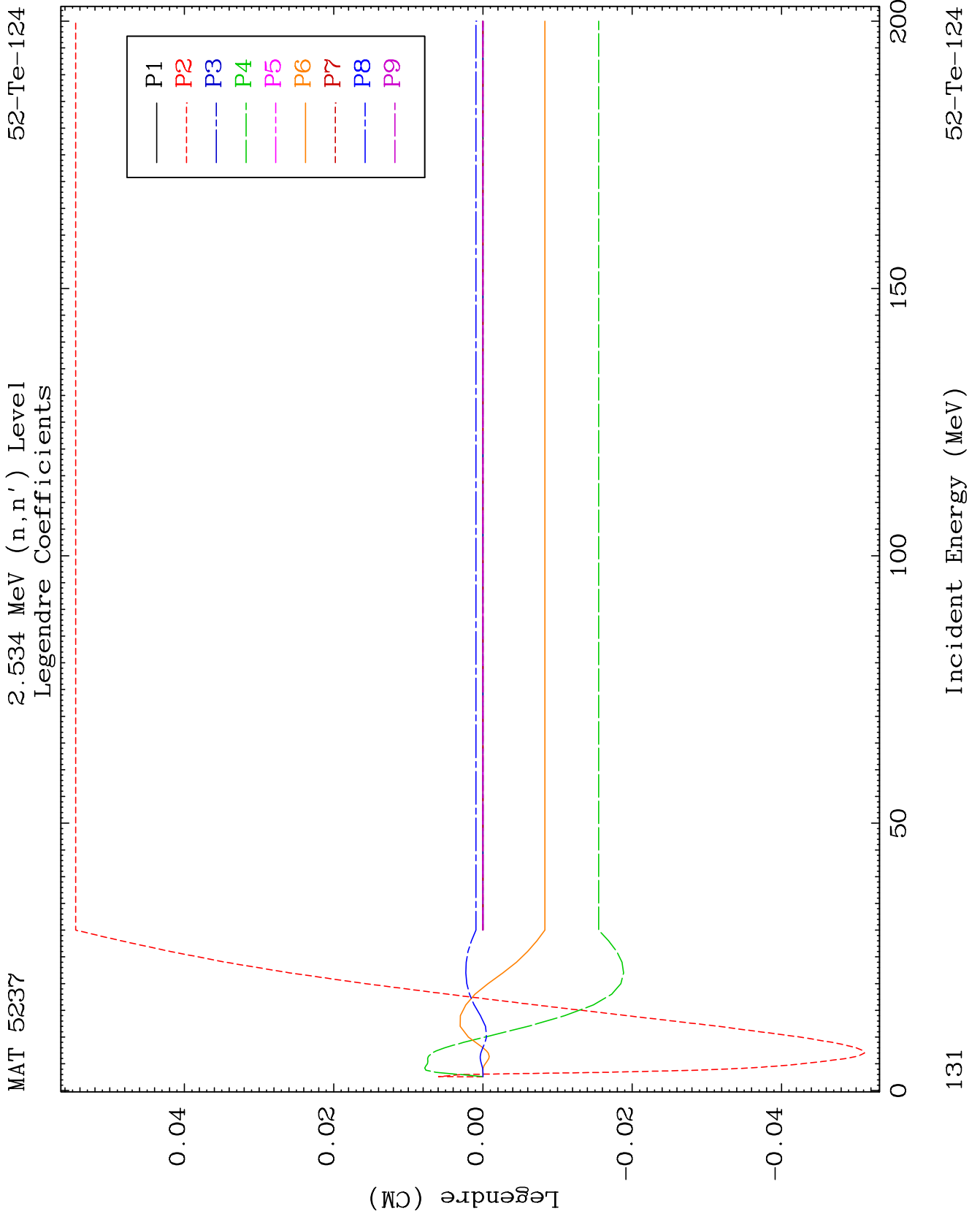


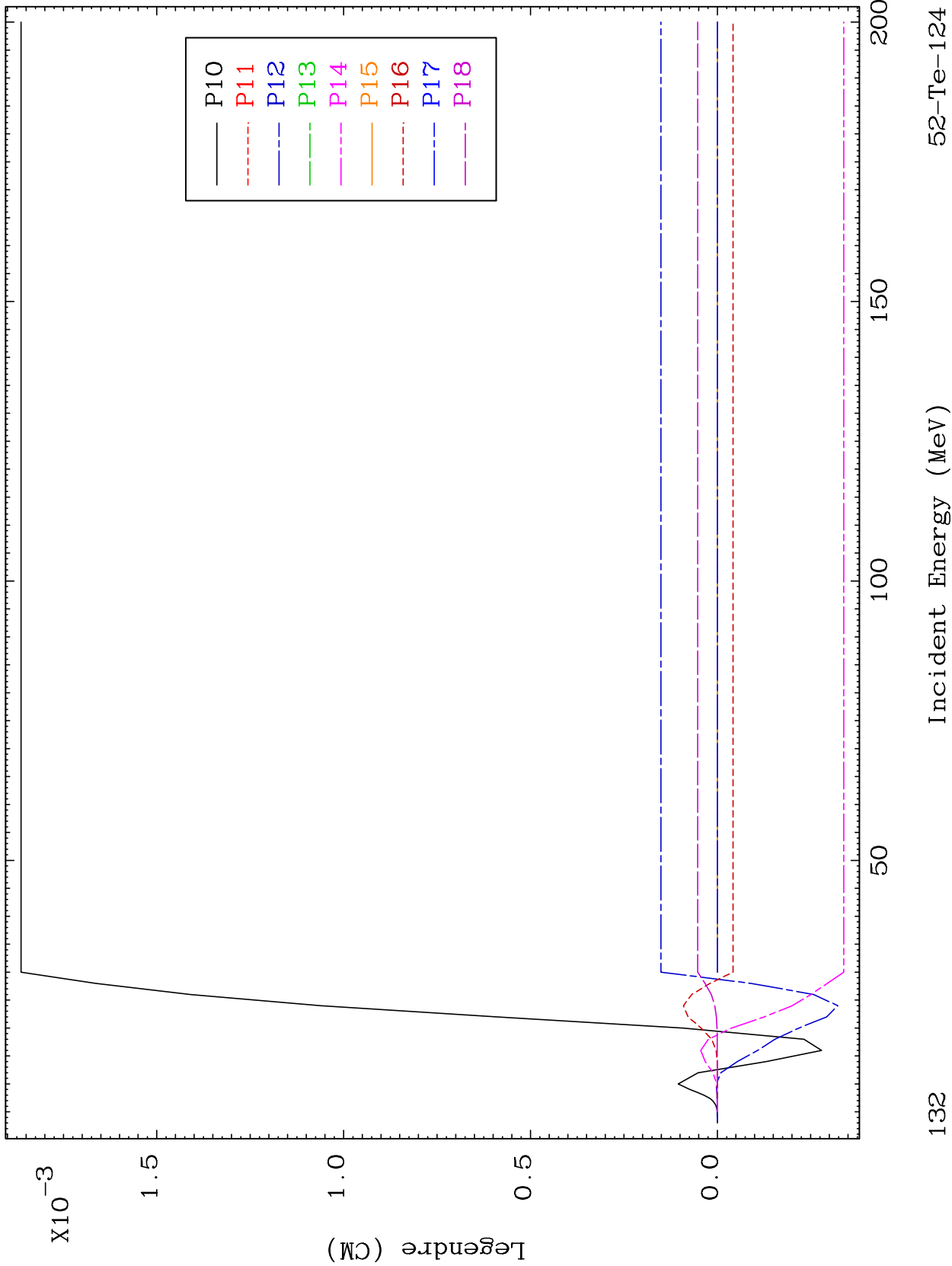










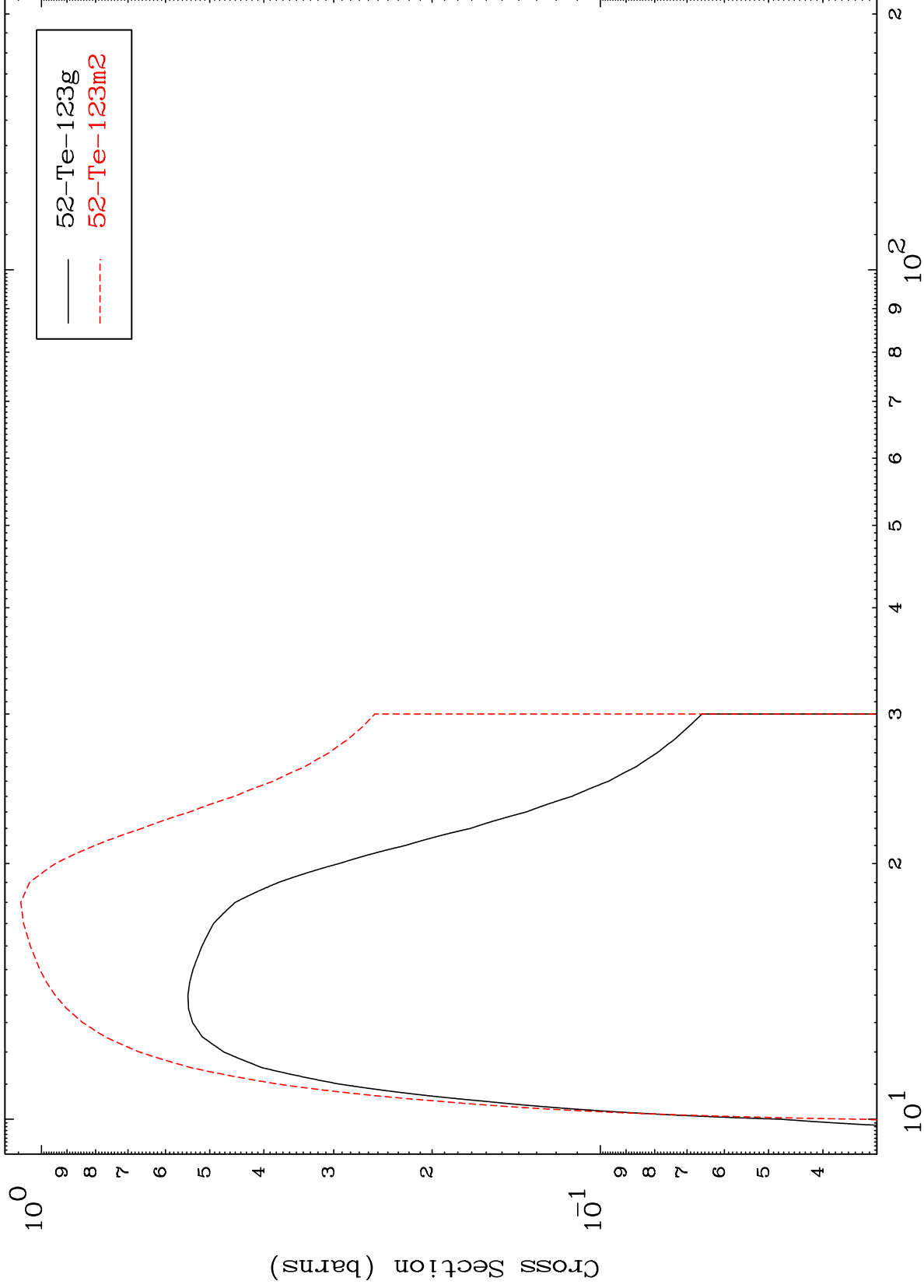


MAT 5237

(n,2n)

52-Te-124

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-124

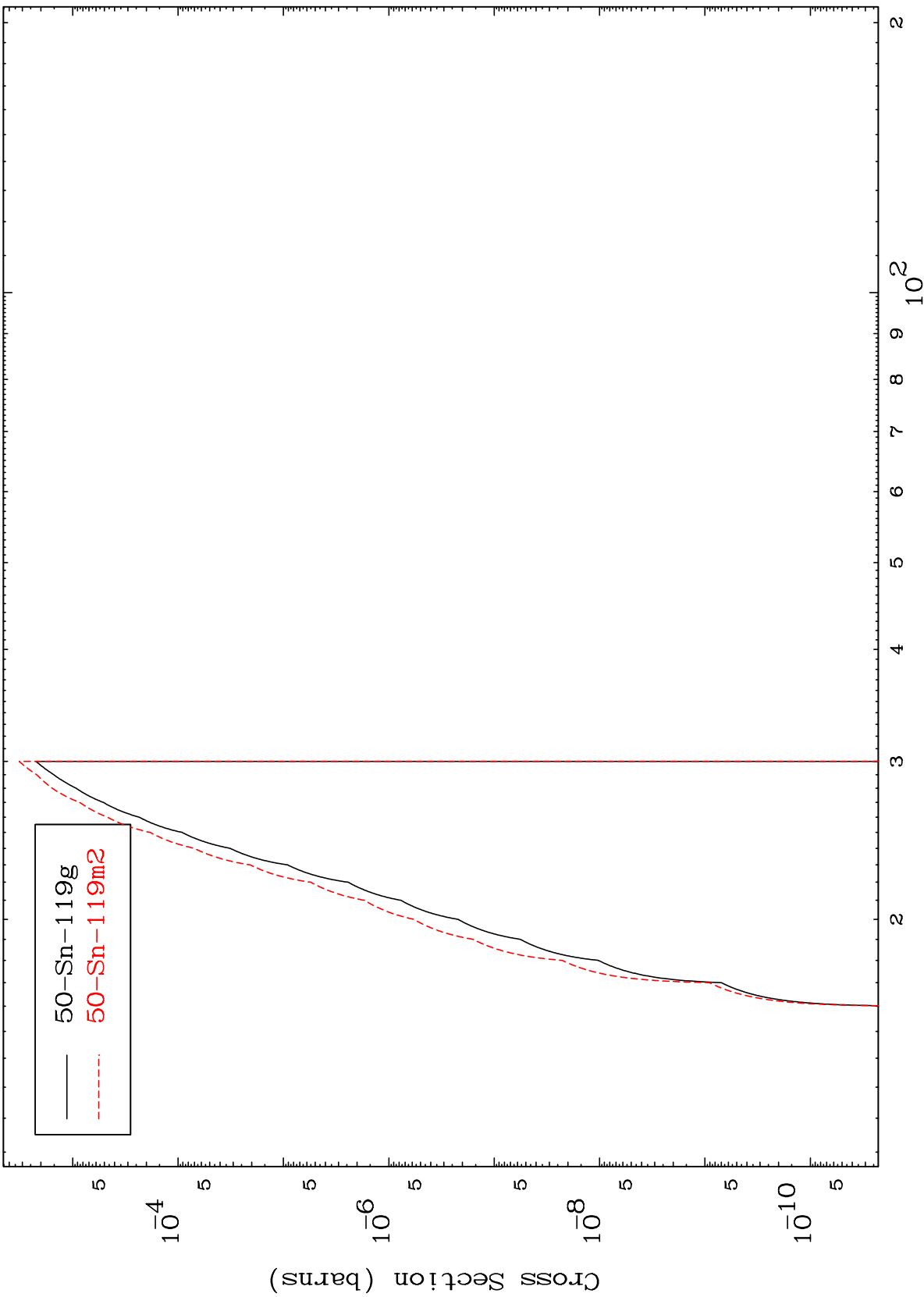
134

MAT 5237

(n,2n) α

52-Te-124

Radionuclide Production Cross Section

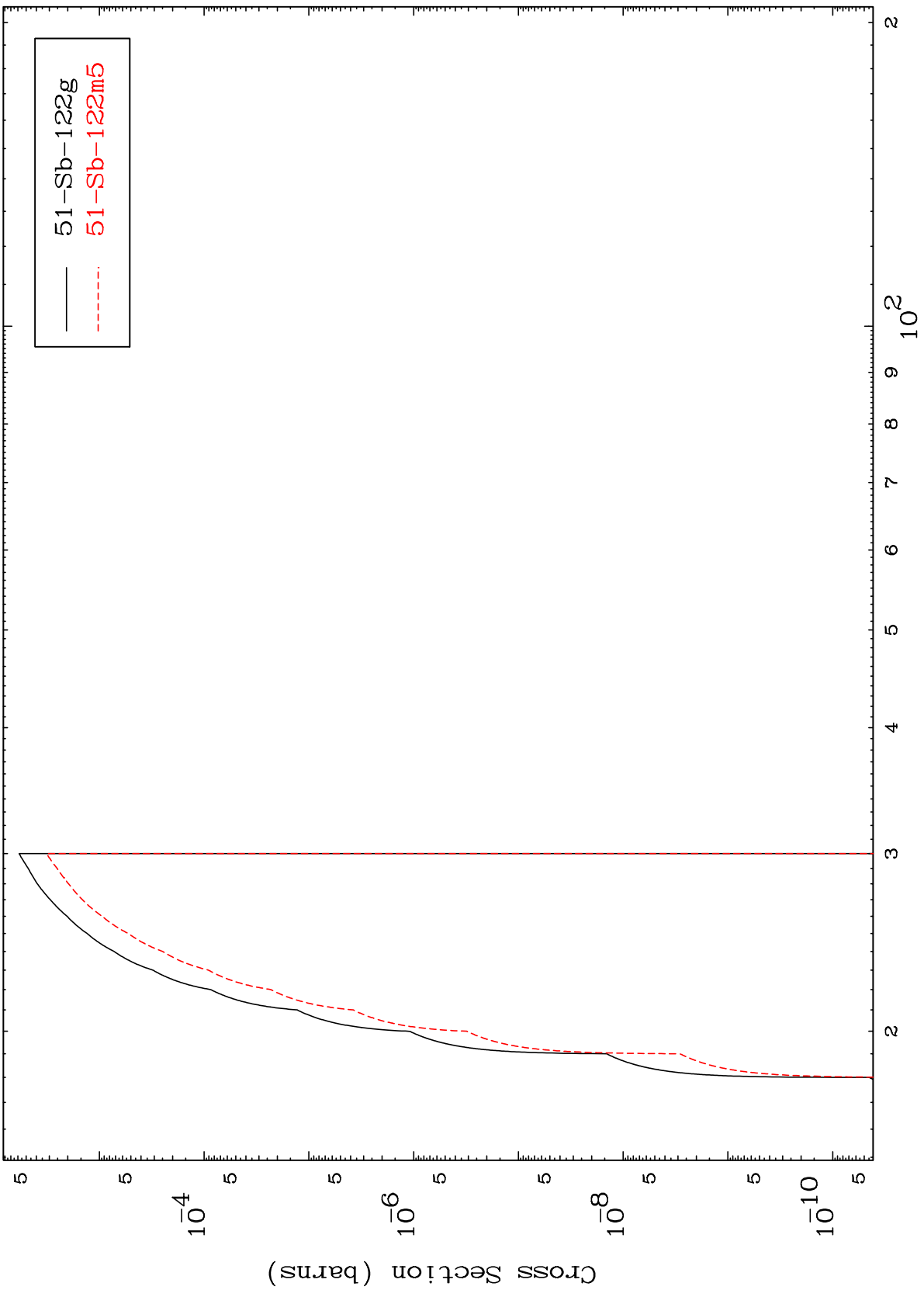


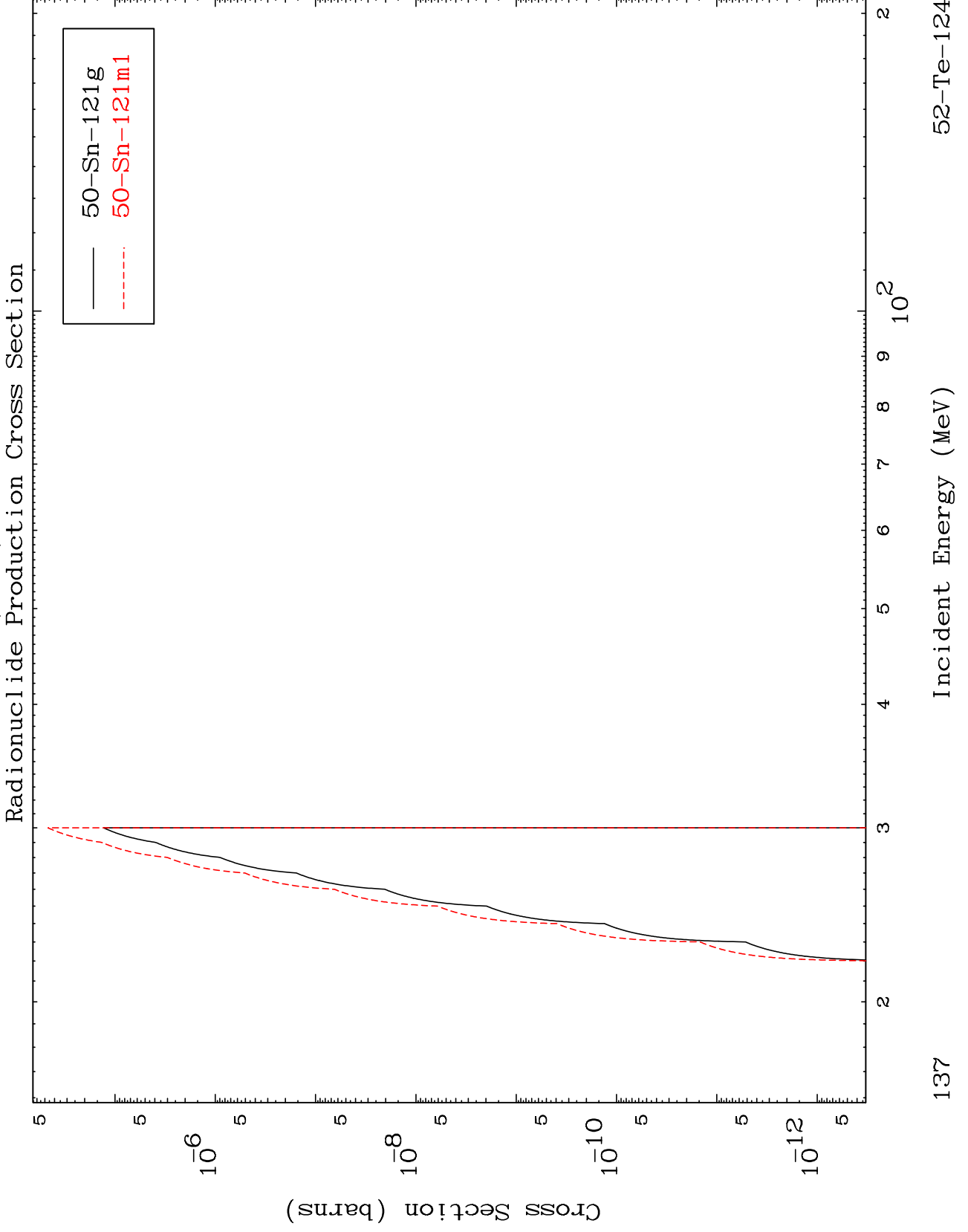
135

Incident Energy (MeV)

52-Te-124

Radionuclide Production Cross Section

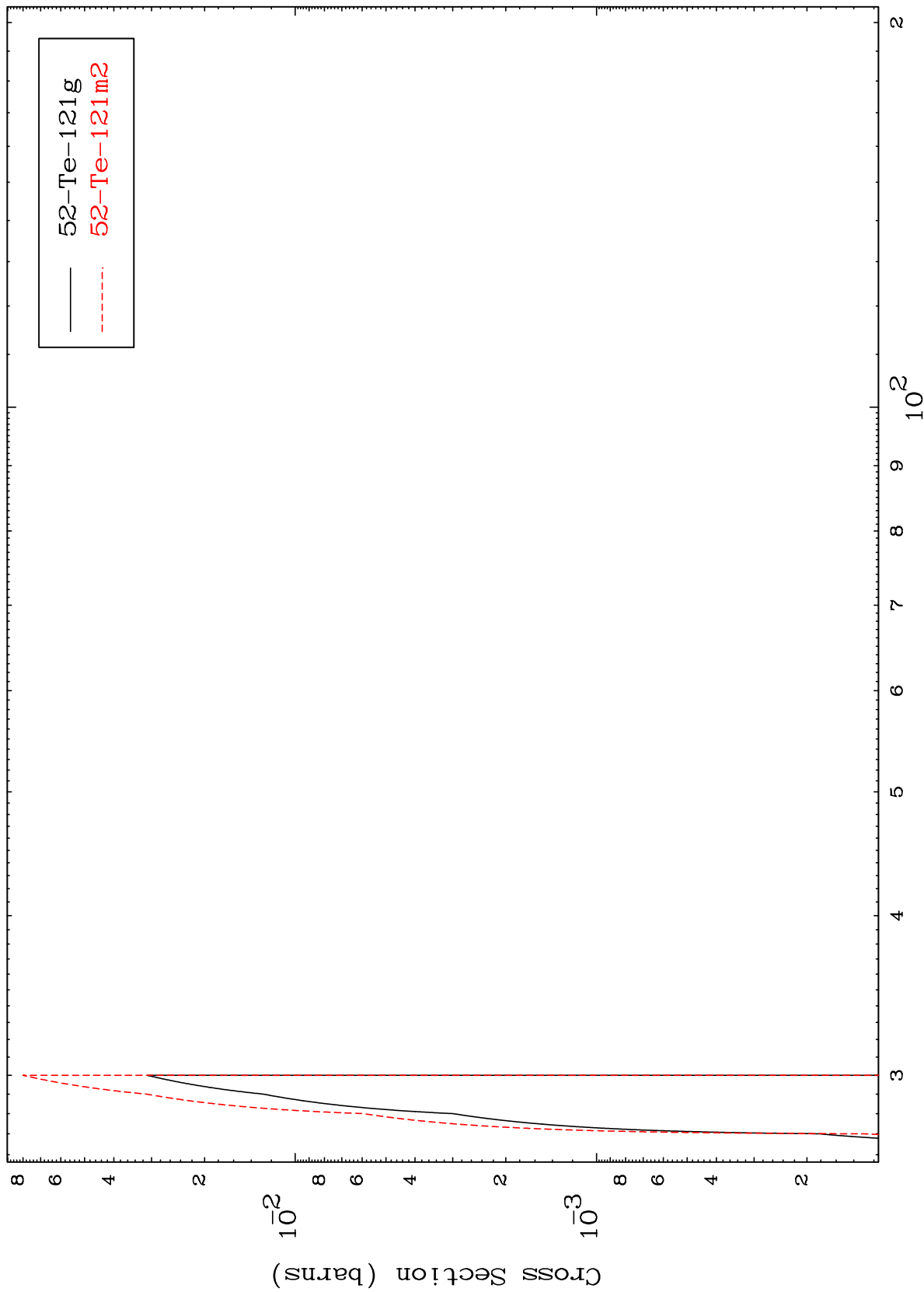




MAT 5237

52-Te-124

(n,4n)
Radionuclide Production Cross Section

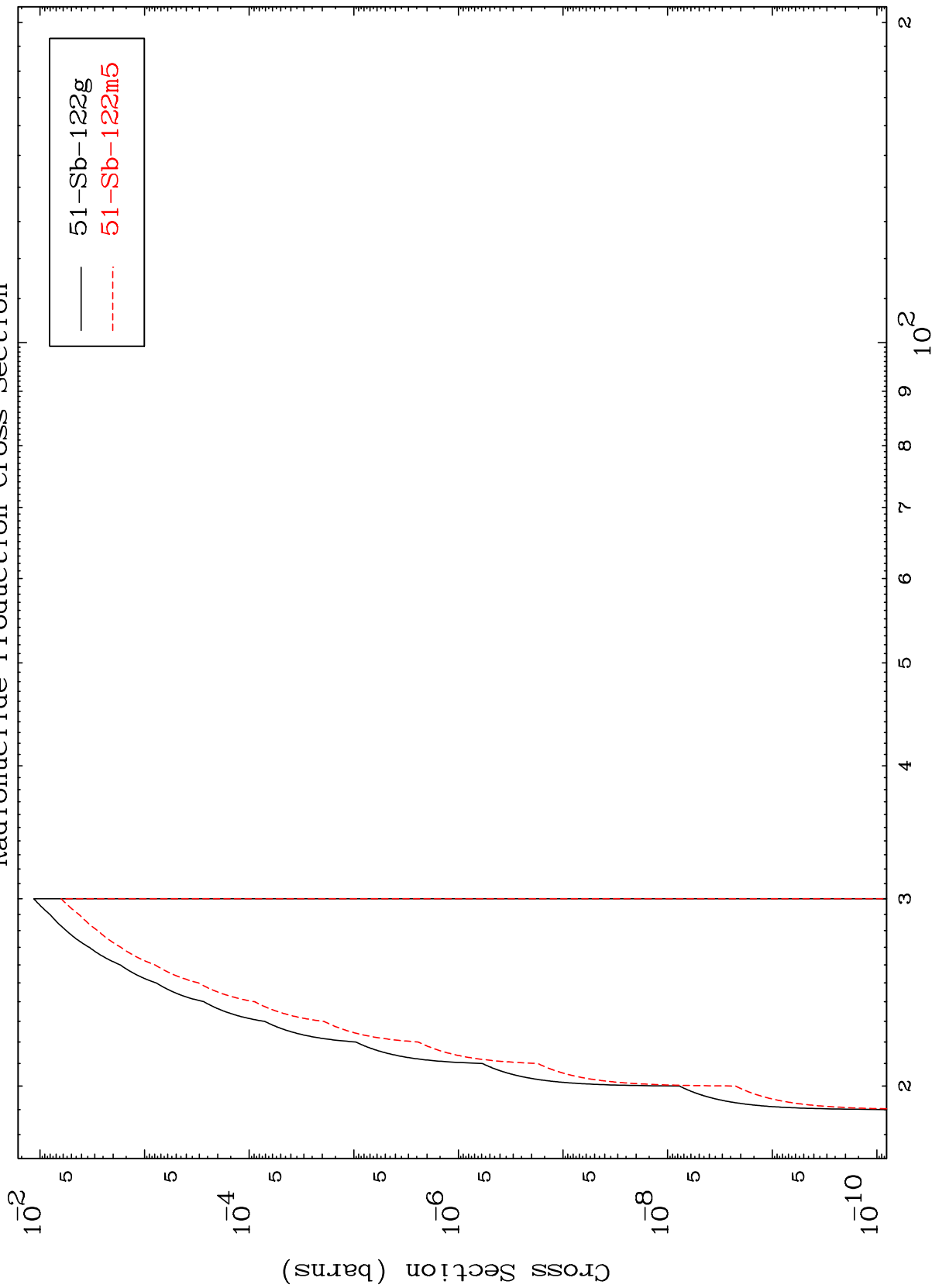


138

52-Te-124

Incident Energy (MeV)

Radionuclide Production Cross Section

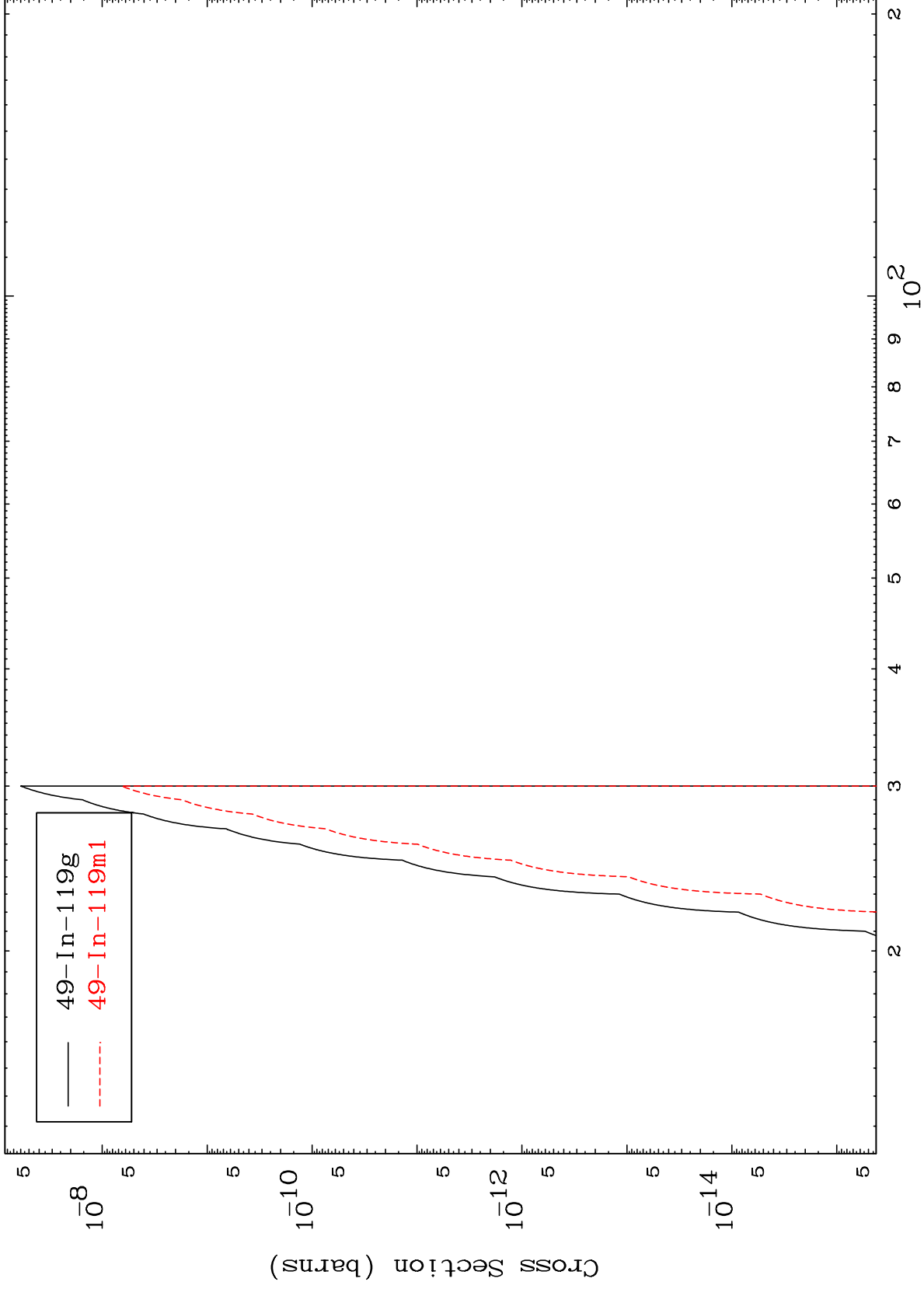


MAT 5237

(n,n') p α

52-Te-124

Radionuclide Production Cross Section



140

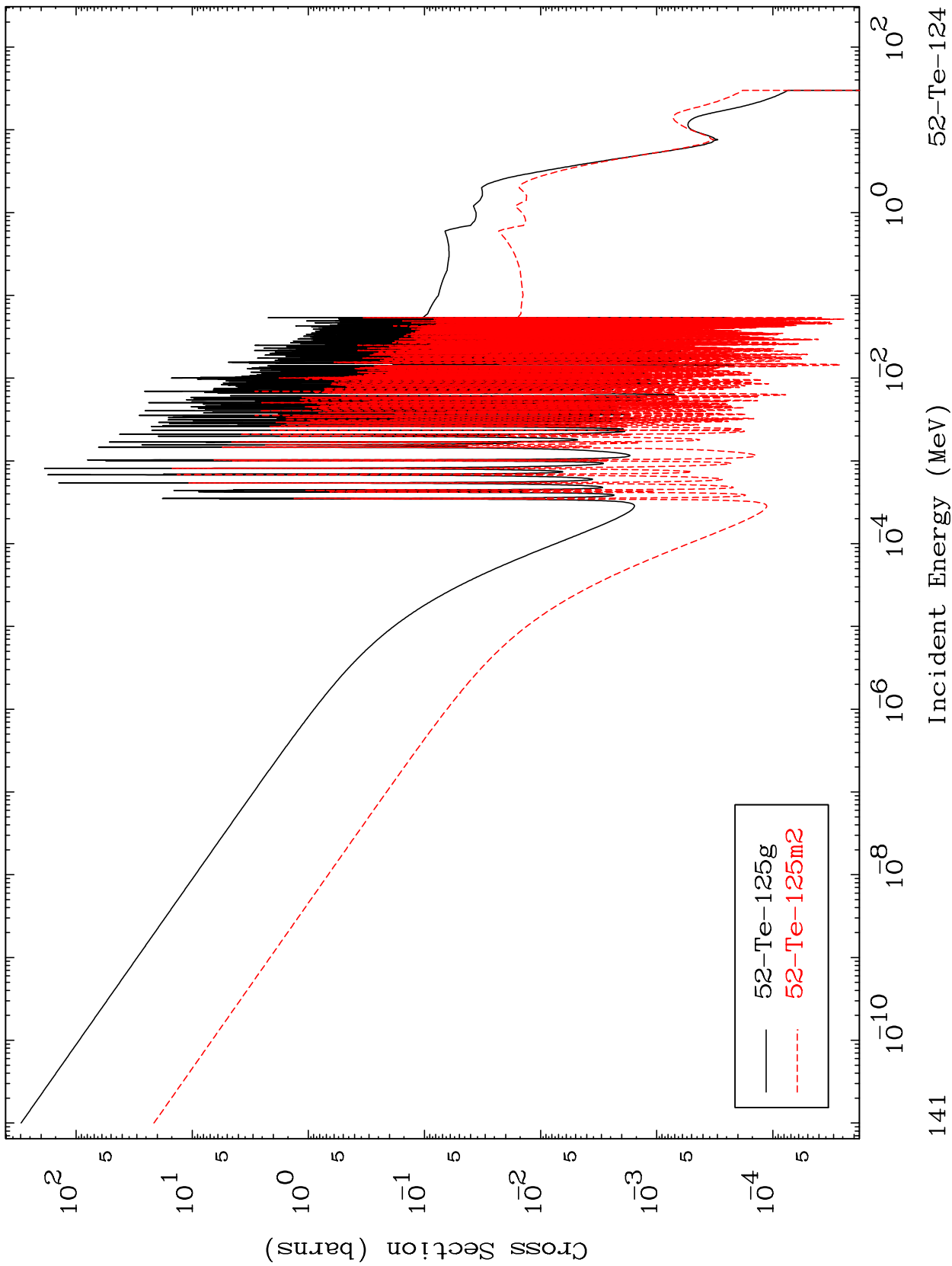
Incident Energy (MeV)

52-Te-124

MAT 5237

52-Te-124

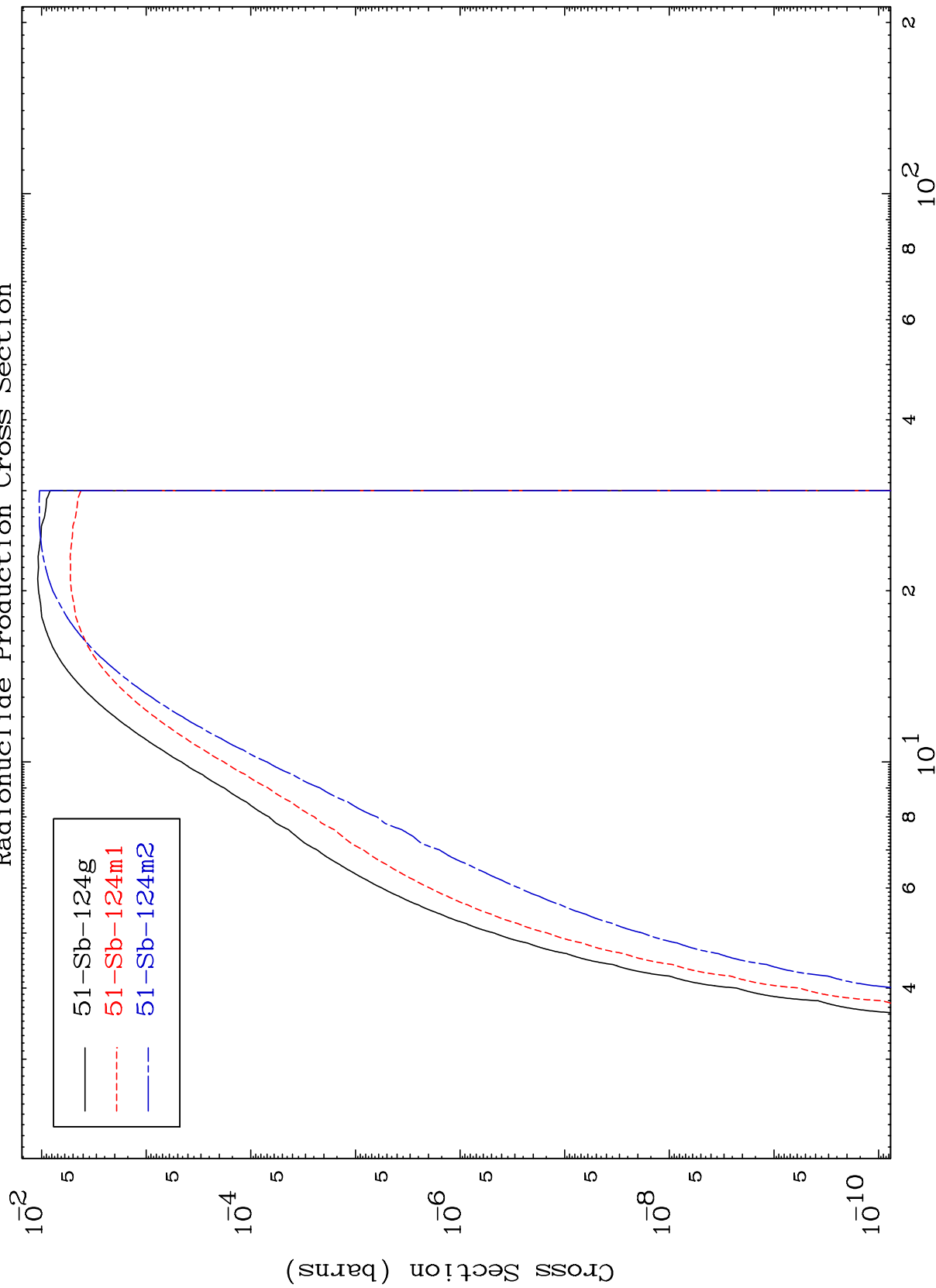
(n,γ)
Radionuclide Production Cross Section



MAT 5237

52-Te-124

Radionuclide Production Cross Section



142

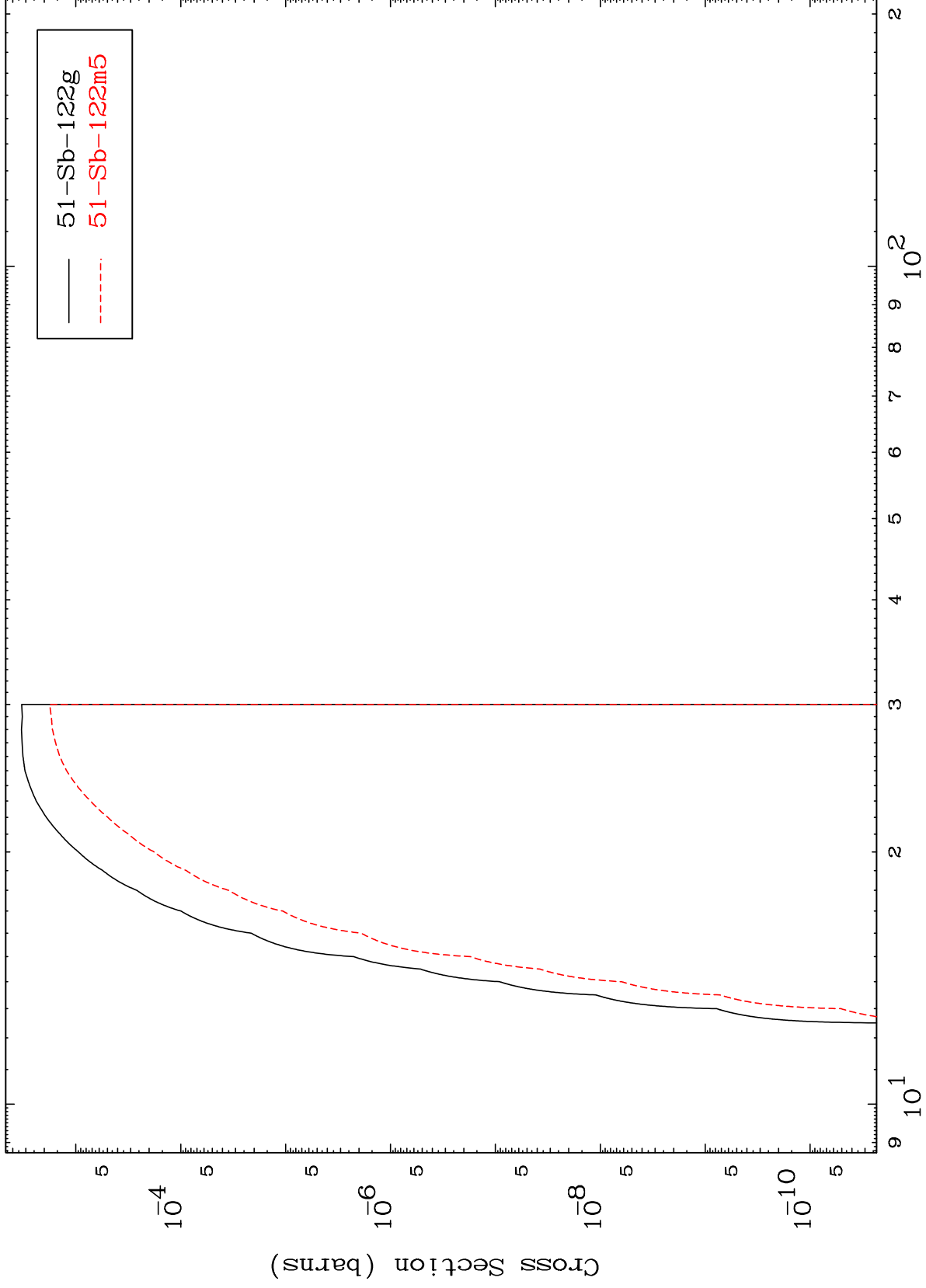
Incident Energy (MeV)

52-Te-124

MAT 5237

52-Te-124

(n,t)
Radionuclide Production Cross Section



52-Te-124

Incident Energy (MeV)

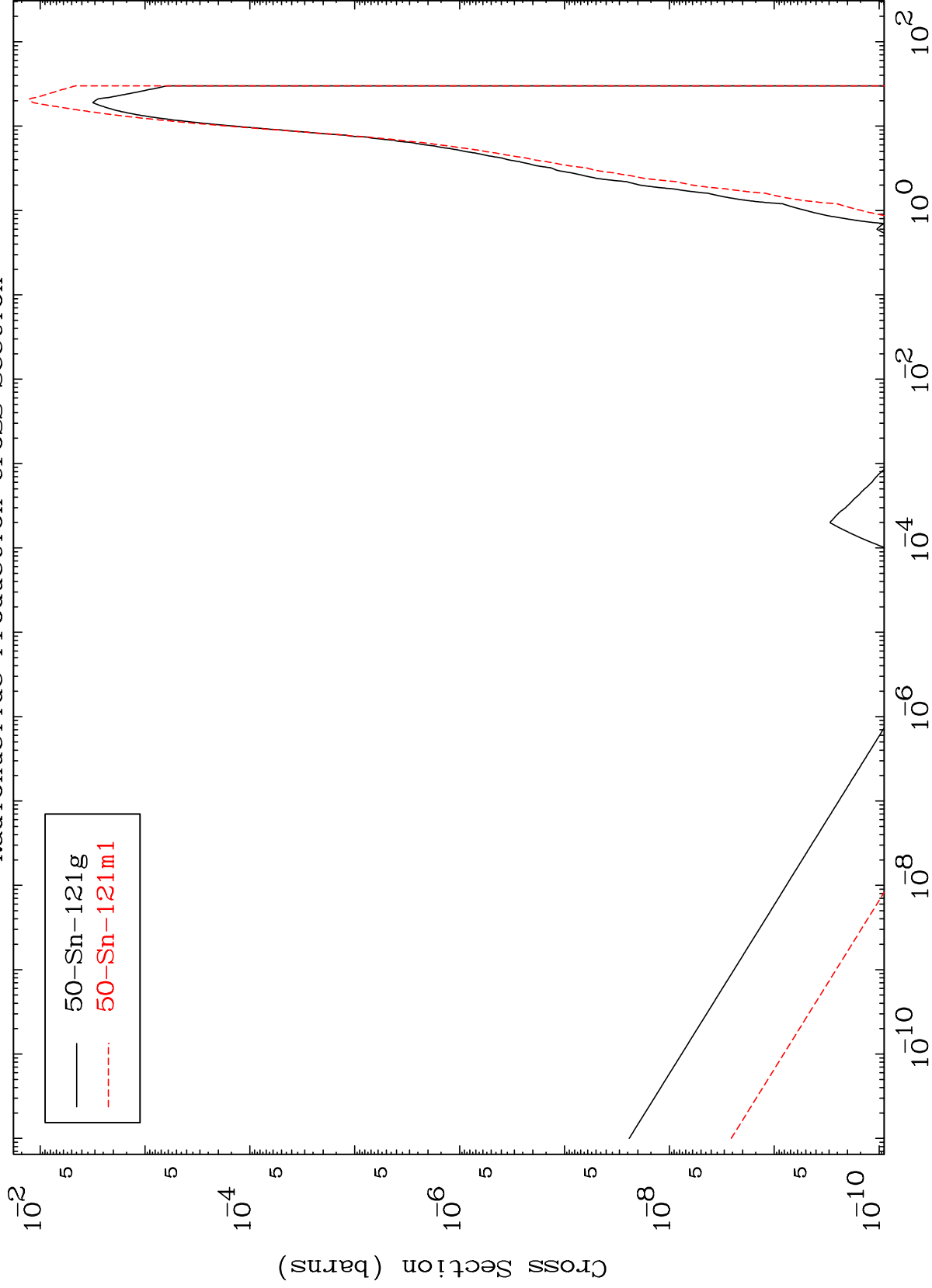
143

MAT 5237

(n, α)

52-Te-124

Radionuclide Production Cross Section



144

Incident Energy (MeV)

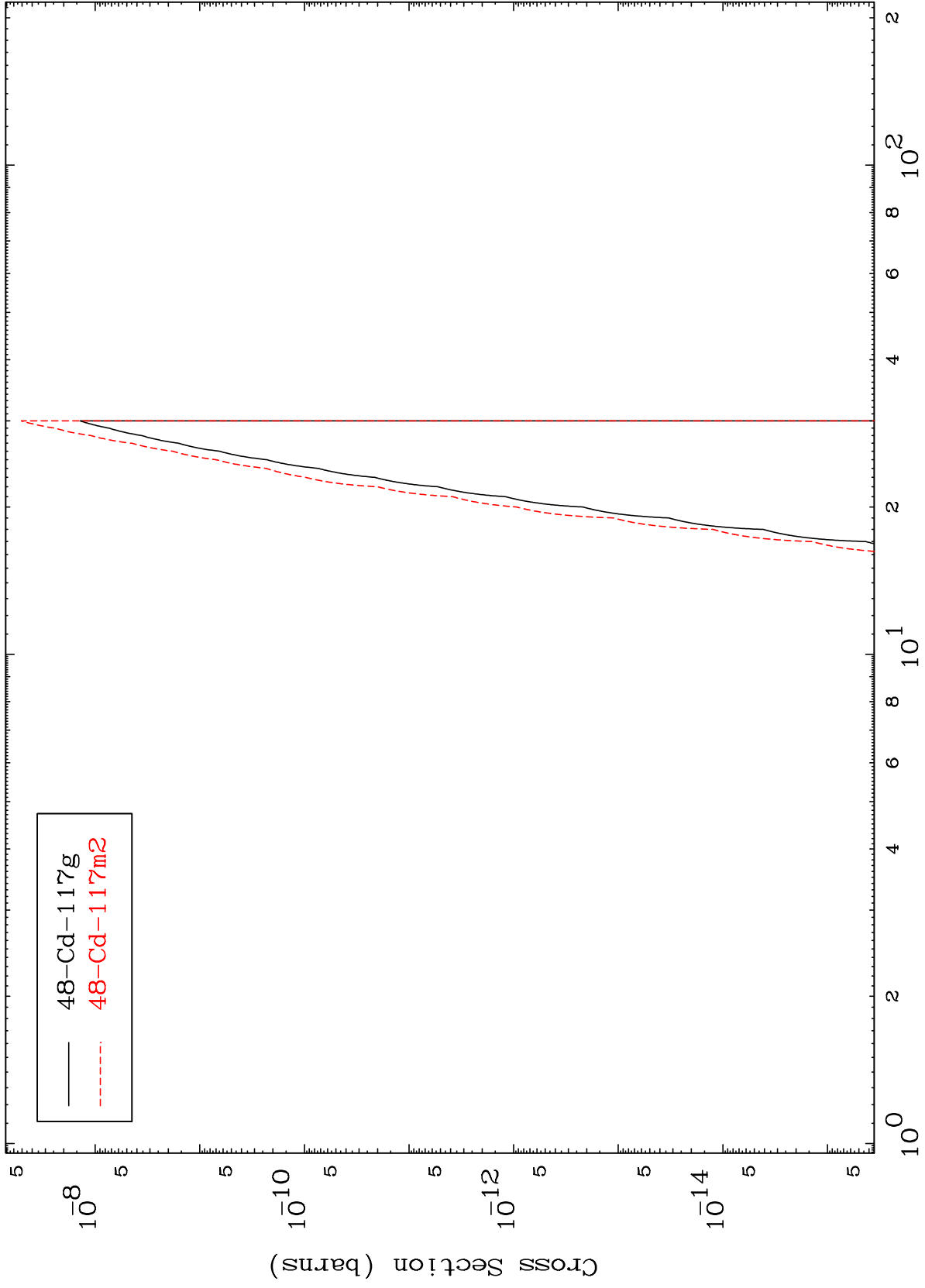
52-Te-124

MAT 5237

(n,2α)

52-Te-124

Radionuclide Production Cross Section



145

Incident Energy (MeV)

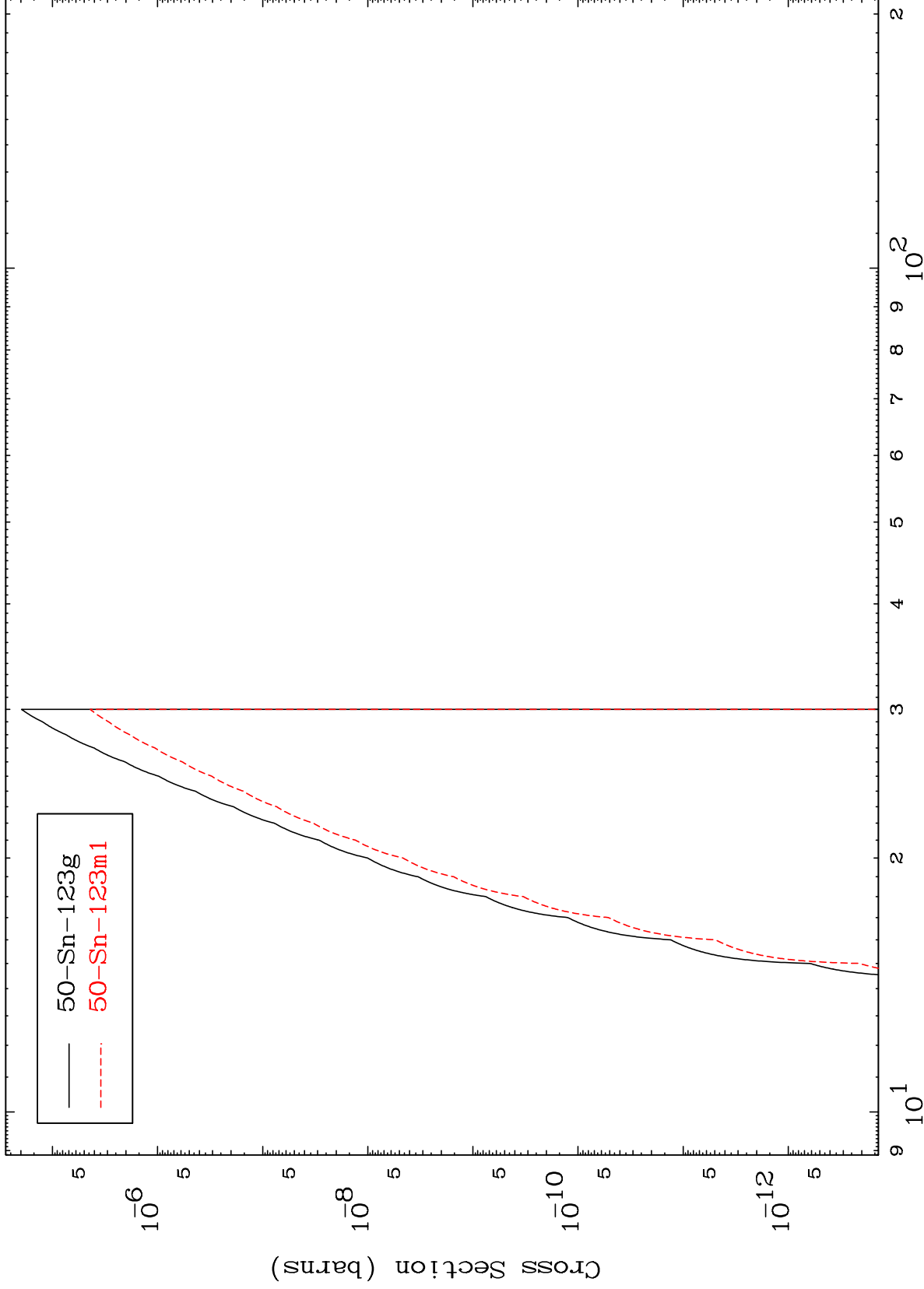
52-Te-124

MAT 5237

(n,2p)

52-Te-124

Radionuclide Production Cross Section



146

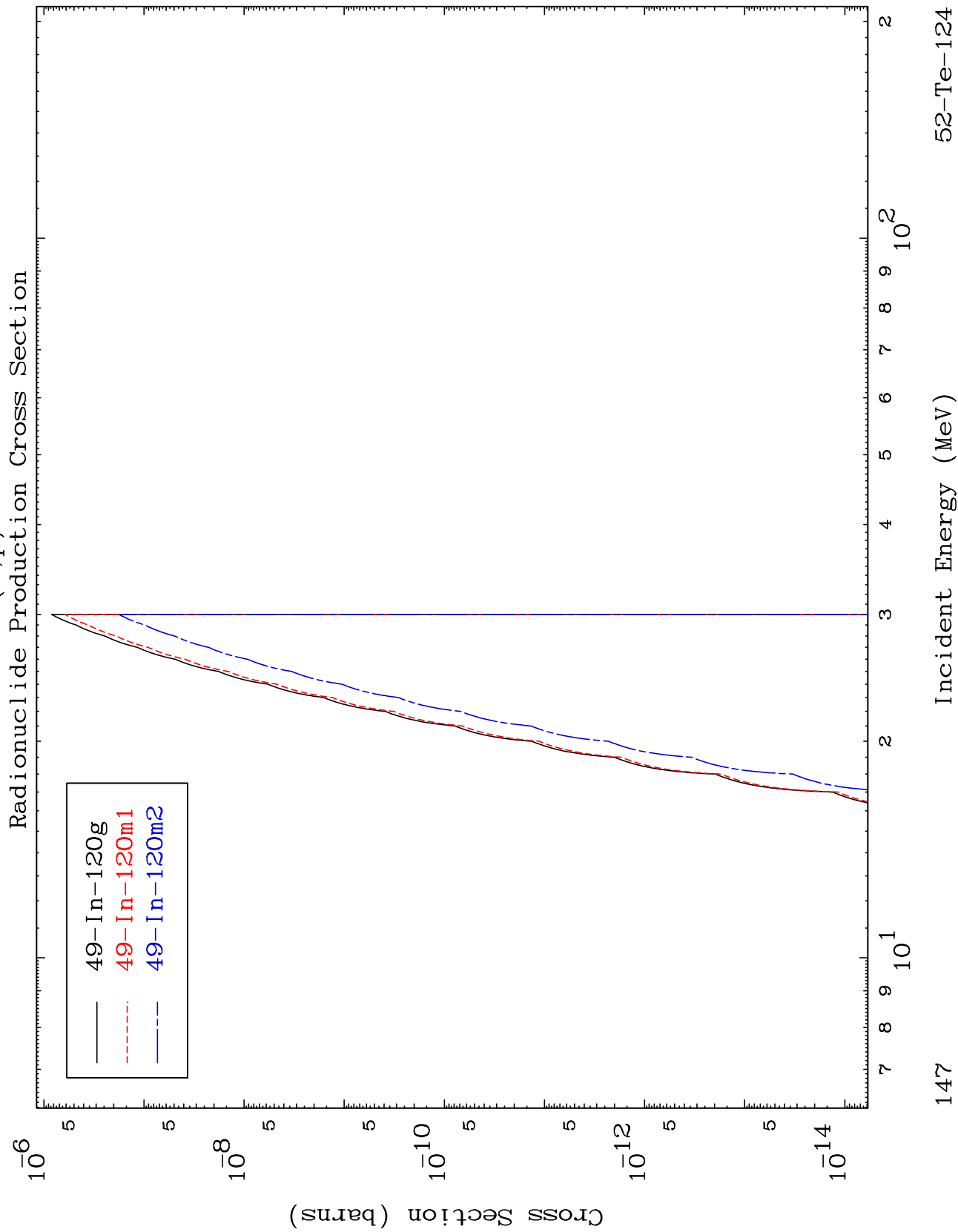
Incident Energy (MeV)

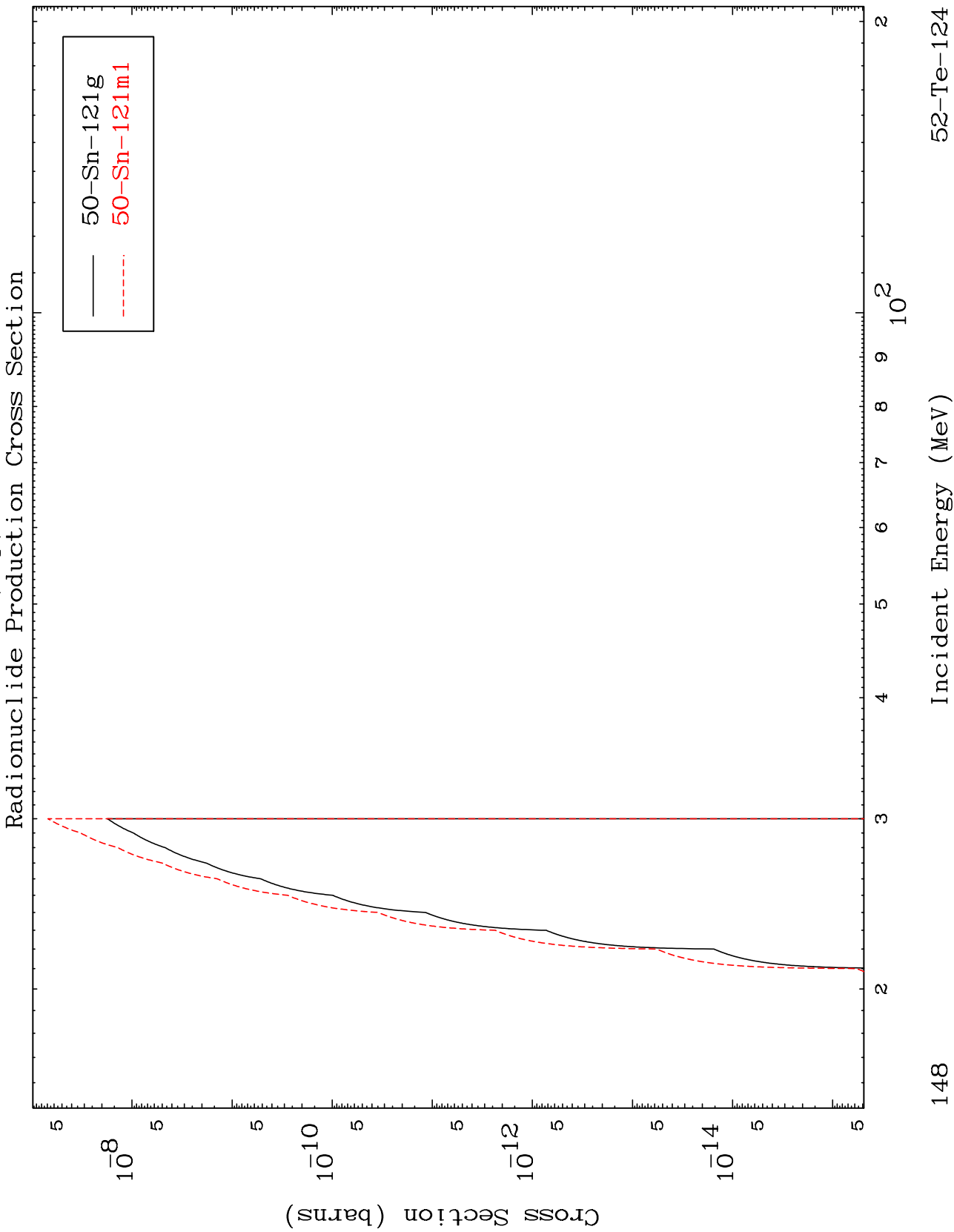
52-Te-124

MAT 5237

(n,p) α

52-Te-124



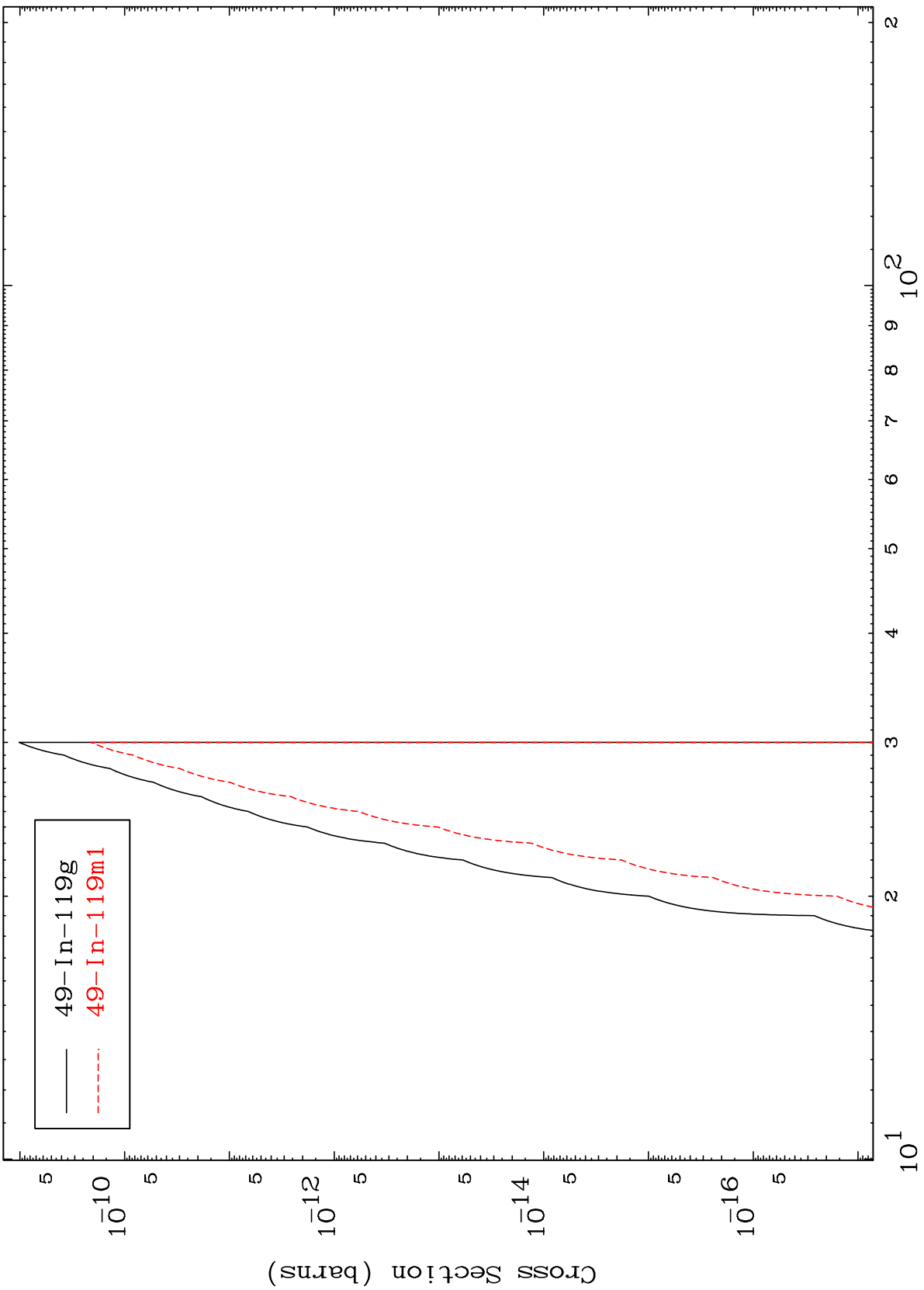


MAT 5237

(n,d) α

52-Te-124

Radionuclide Production Cross Section



149

Incident Energy (MeV)

52-Te-124