

Program EVALPLOT
(Version 2021-1)

by

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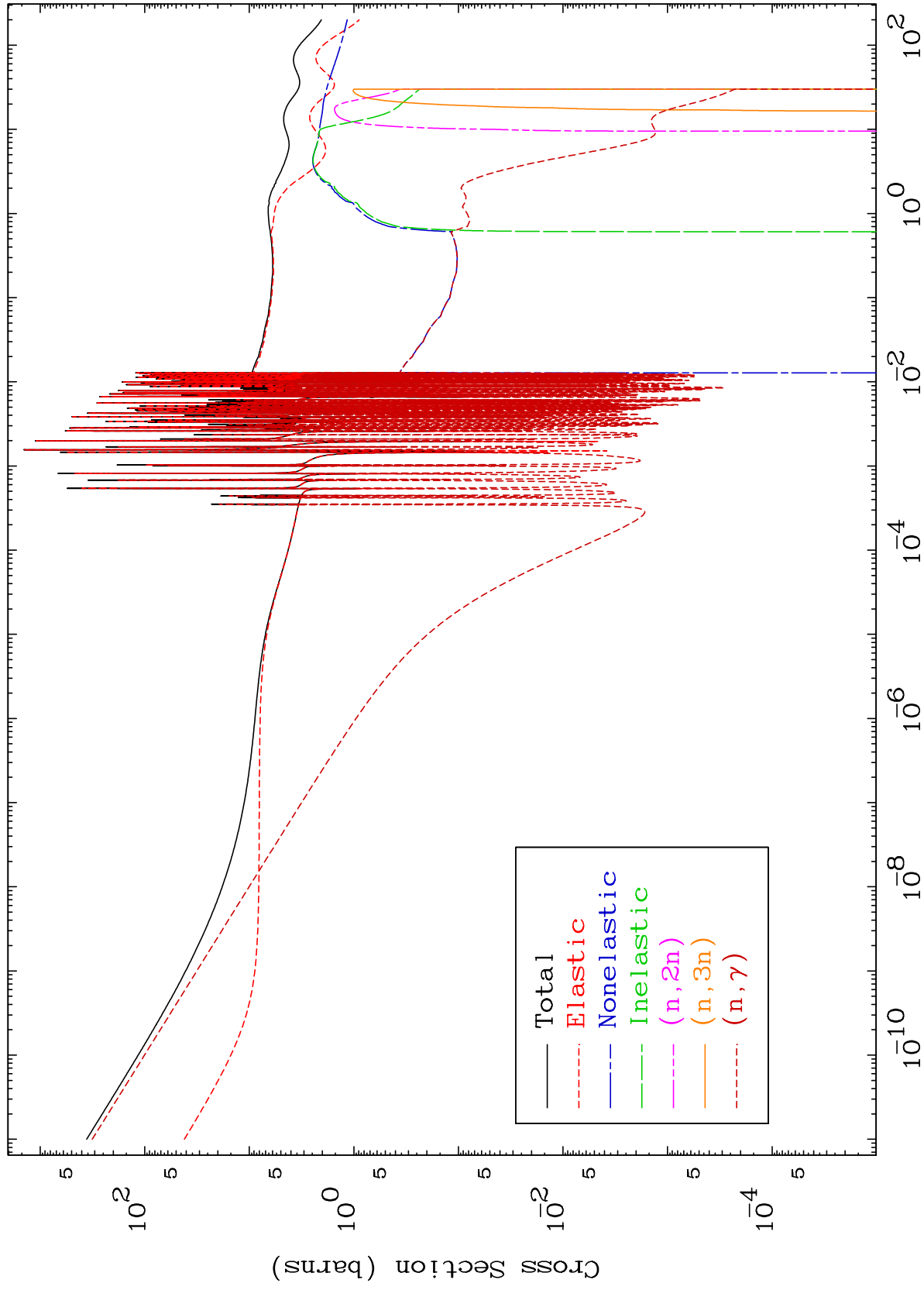
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5237

Neutron Major
293 Kelvin Cross Sections

52-Te-124



1

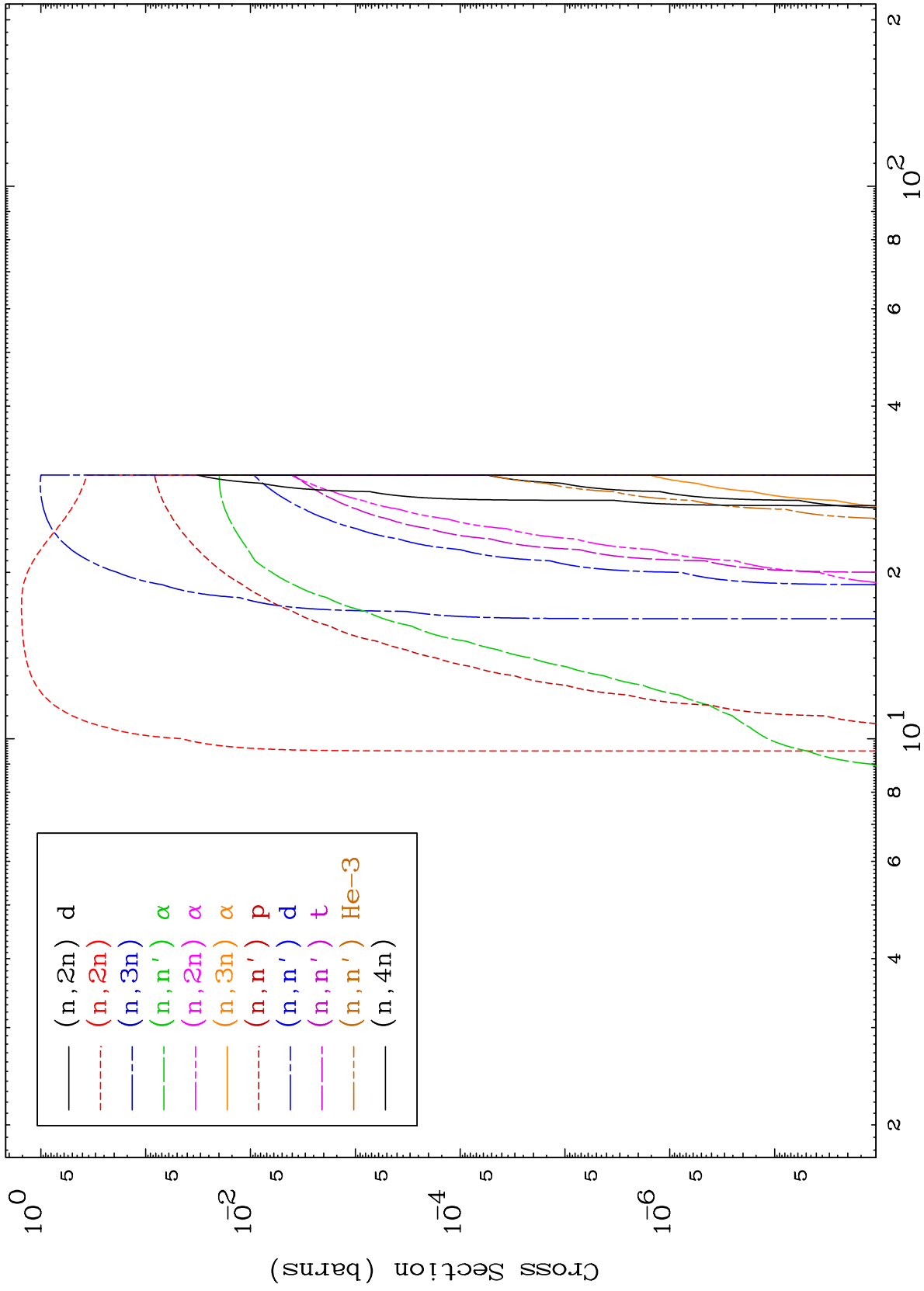
Incident Energy (MeV)

52-Te-124

MAT 5237

Neutron Absorption
293 Kelvin Cross Sections

52-Te-124



2

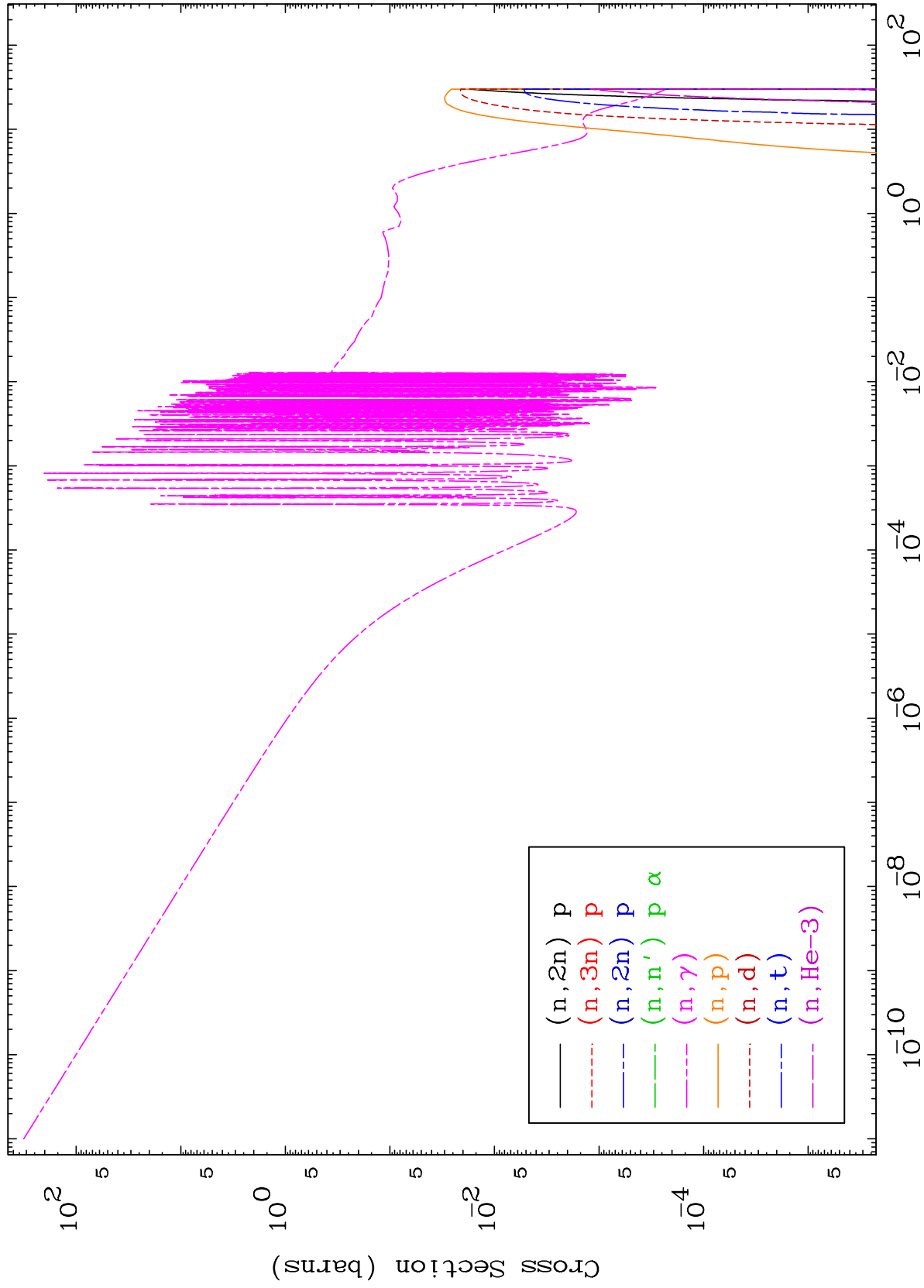
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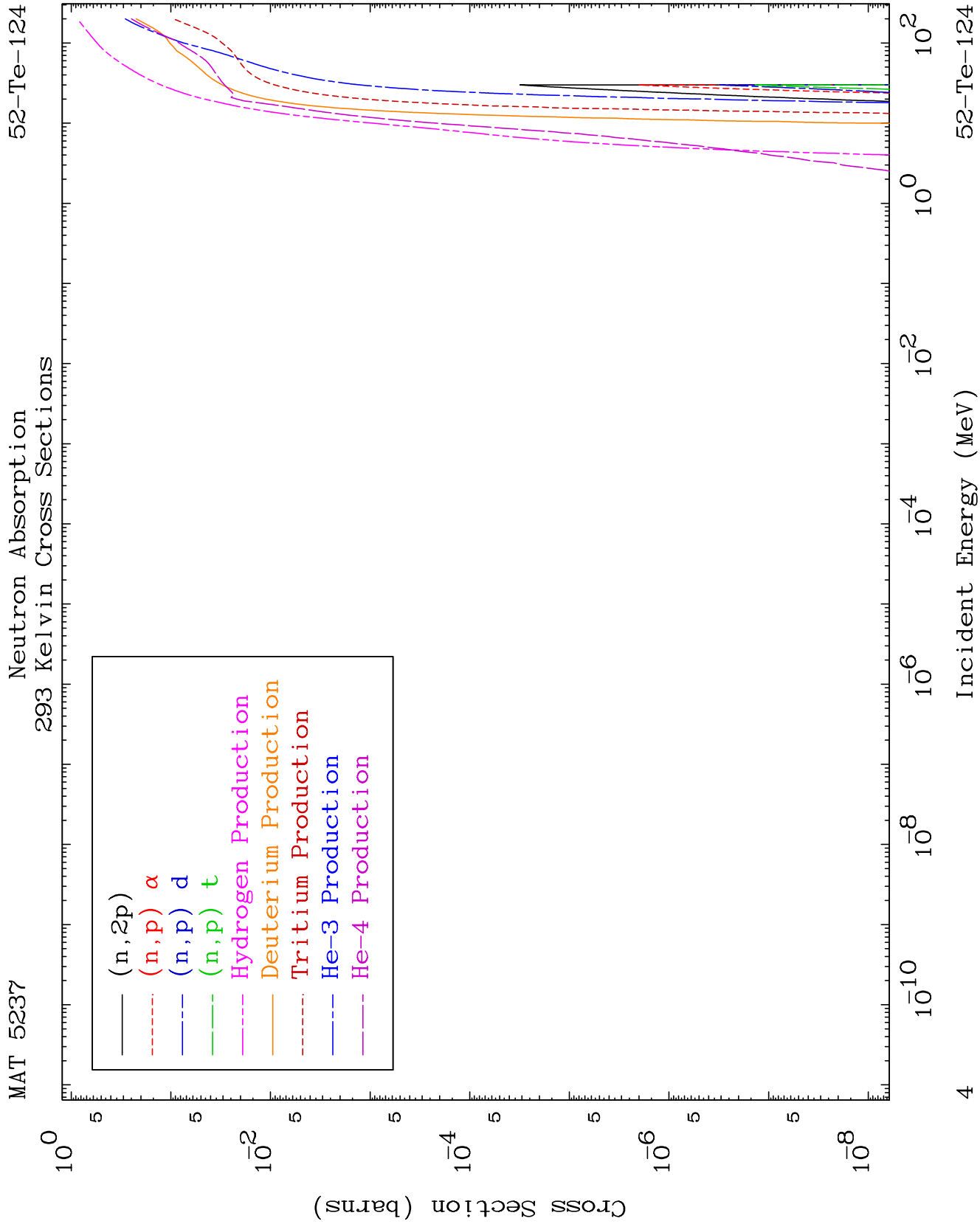
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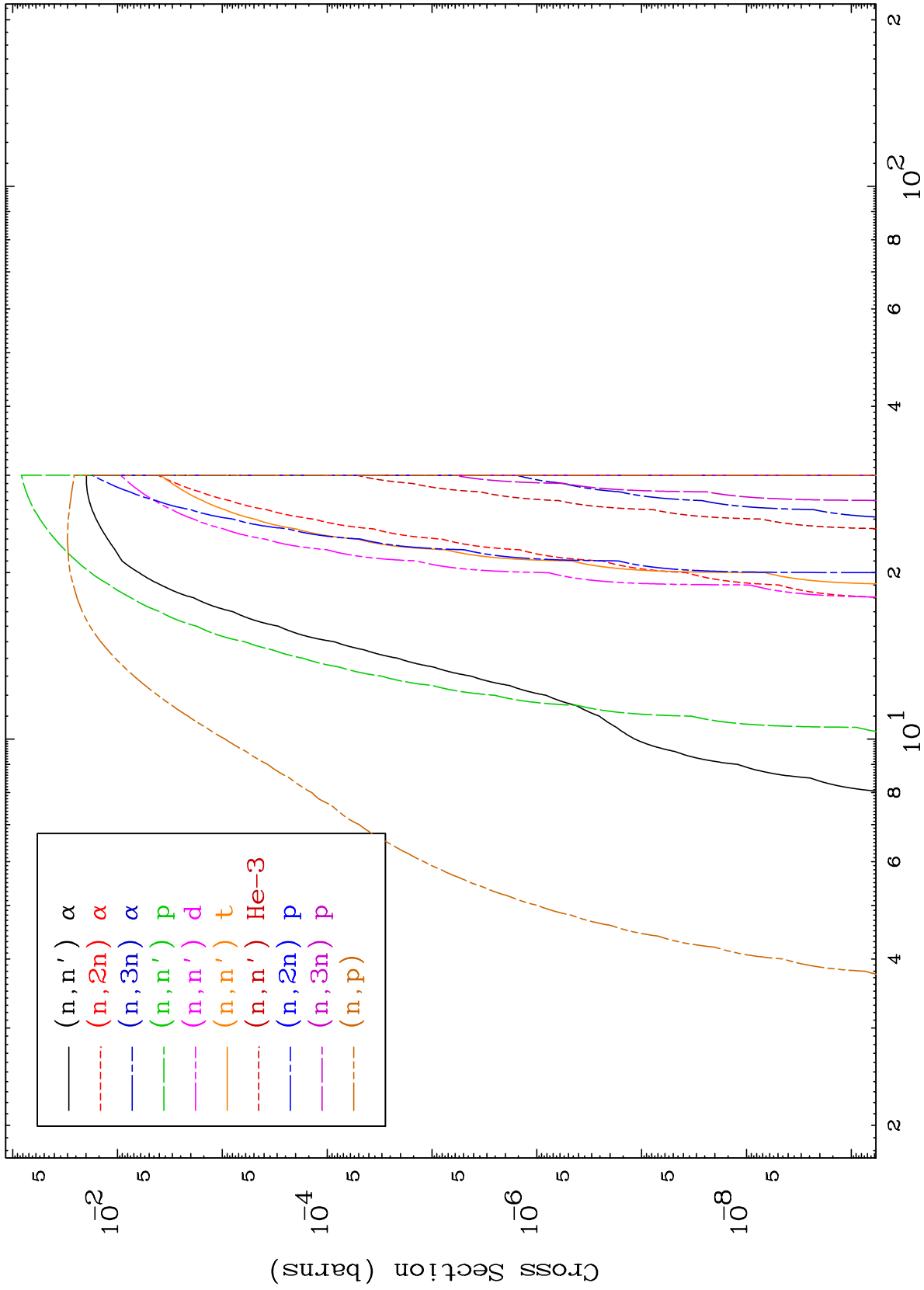
MAT 5237

Neutron Absorption
293 Kelvin Cross Sections

52-Te-124



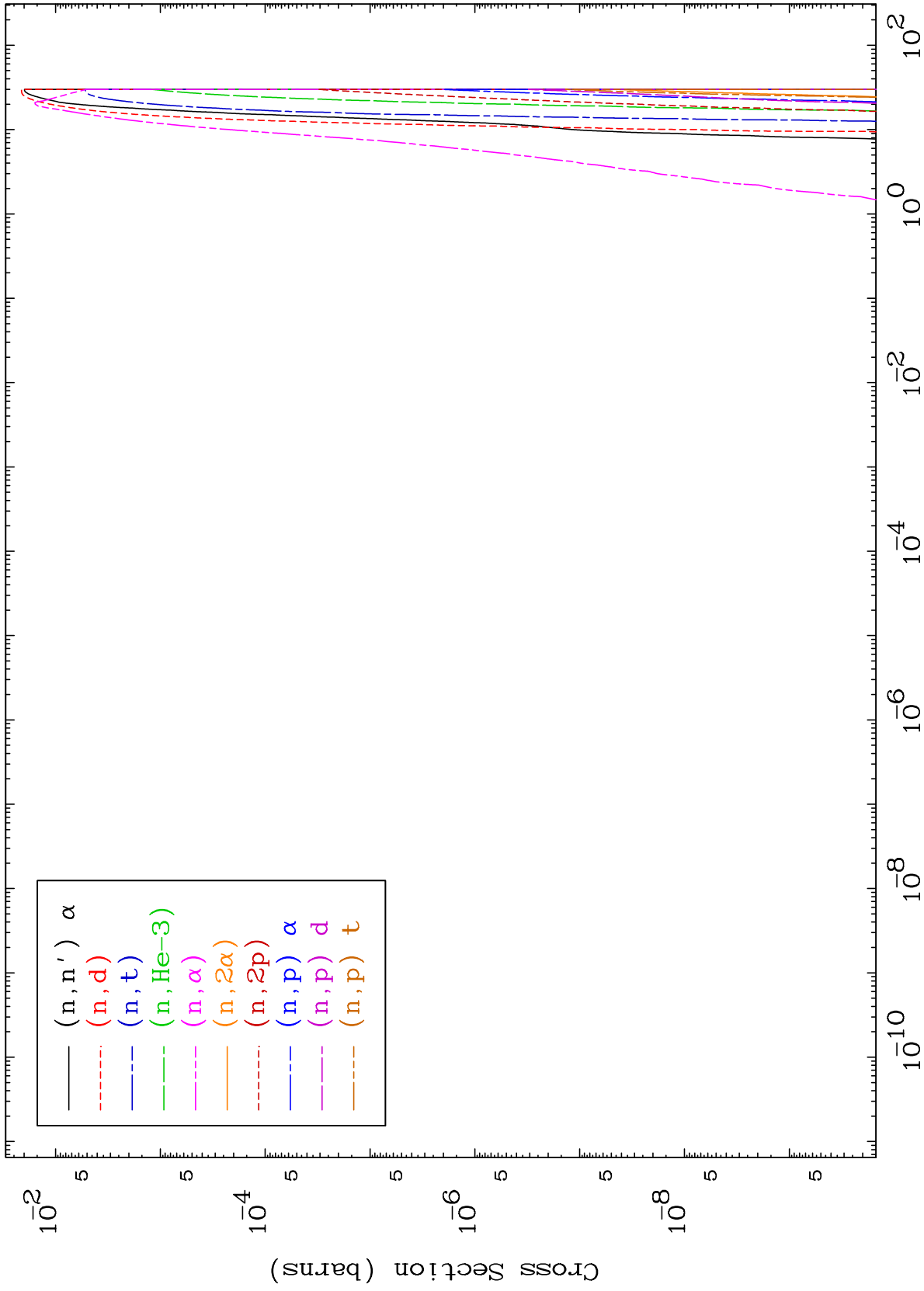


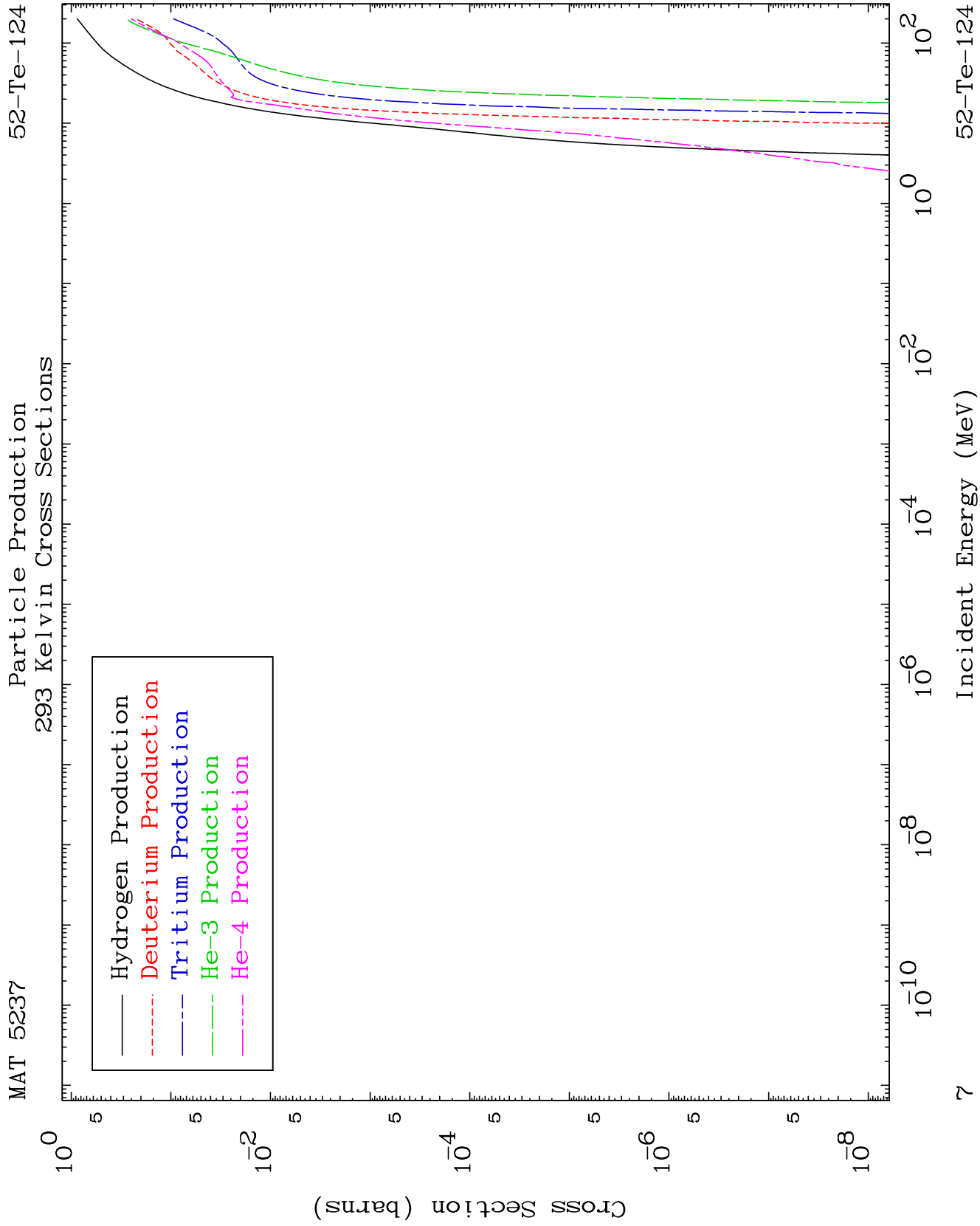


MAT 5237

Charged Particle
293 Kelvin Cross Sections

52-Te-124



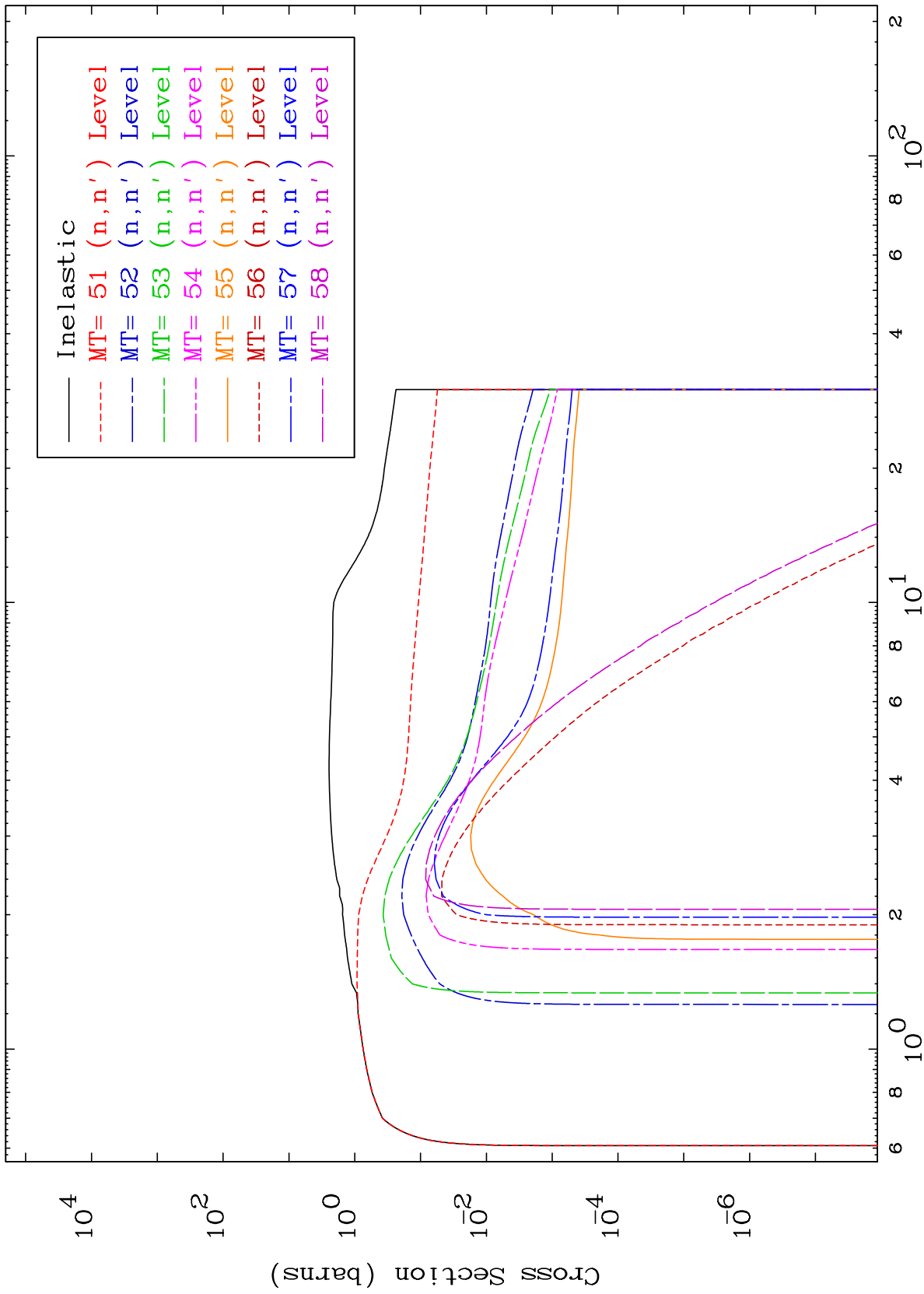


MAT 5237

(n,n') Levels

293 Kelvin Cross Sections

52-Te-124



8

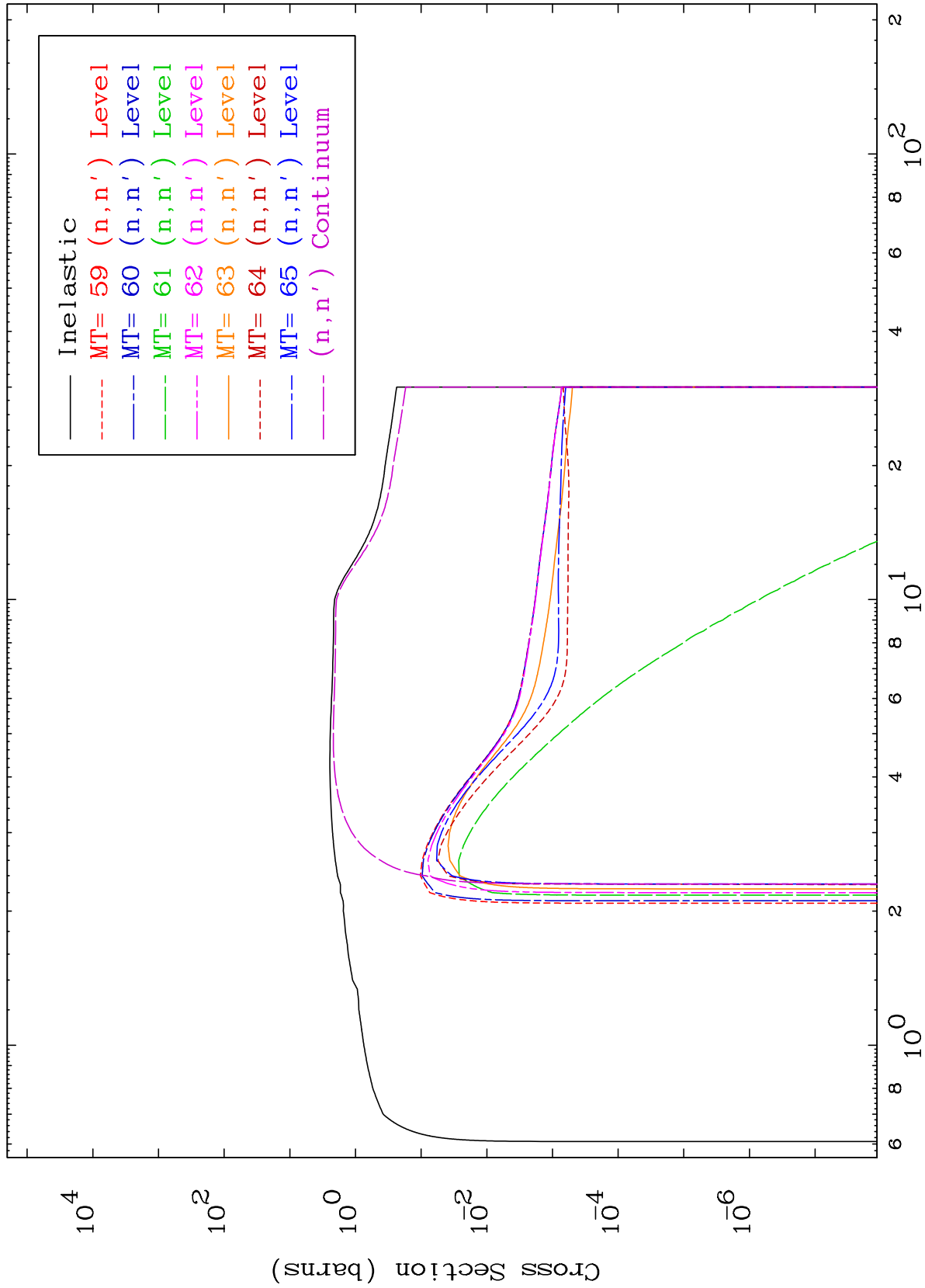
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,n') Levels
293 Kelvin Cross Sections

52-Te-124



9

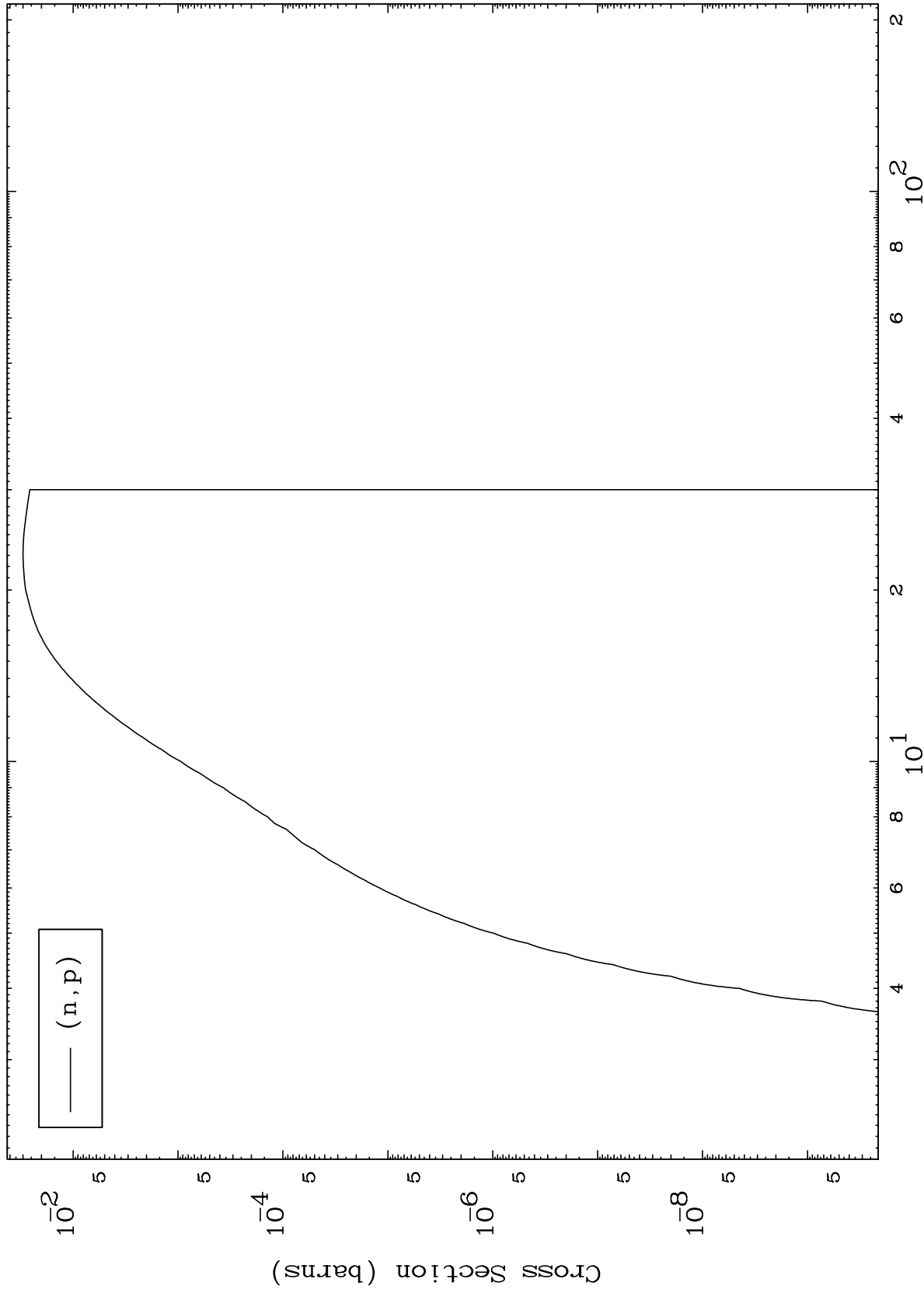
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,p) Levels
293 Kelvin Cross Sections

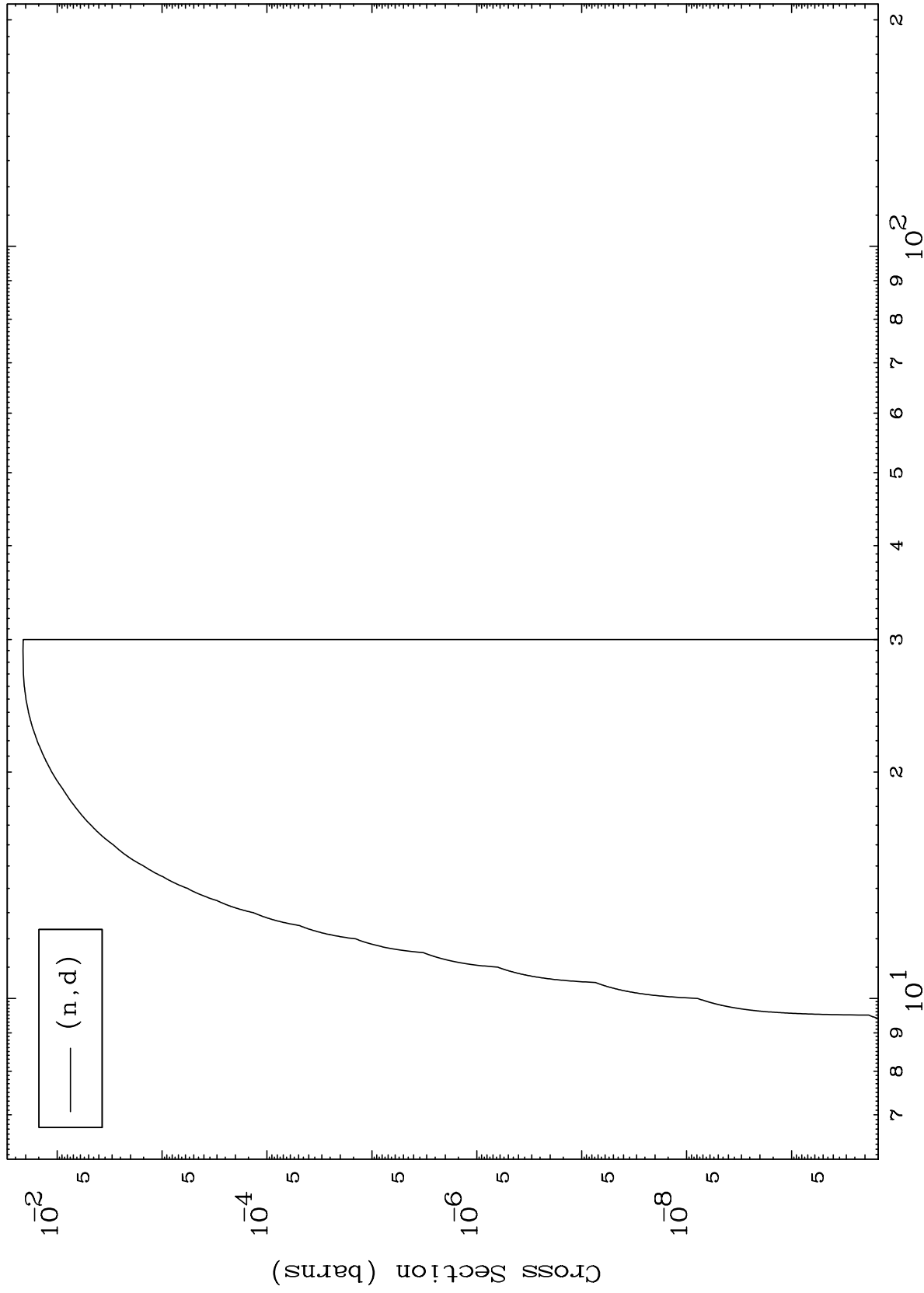
52-Te-124



MAT 5237

52-Te-124

(n,d) Levels
293 Kelvin Cross Sections



11

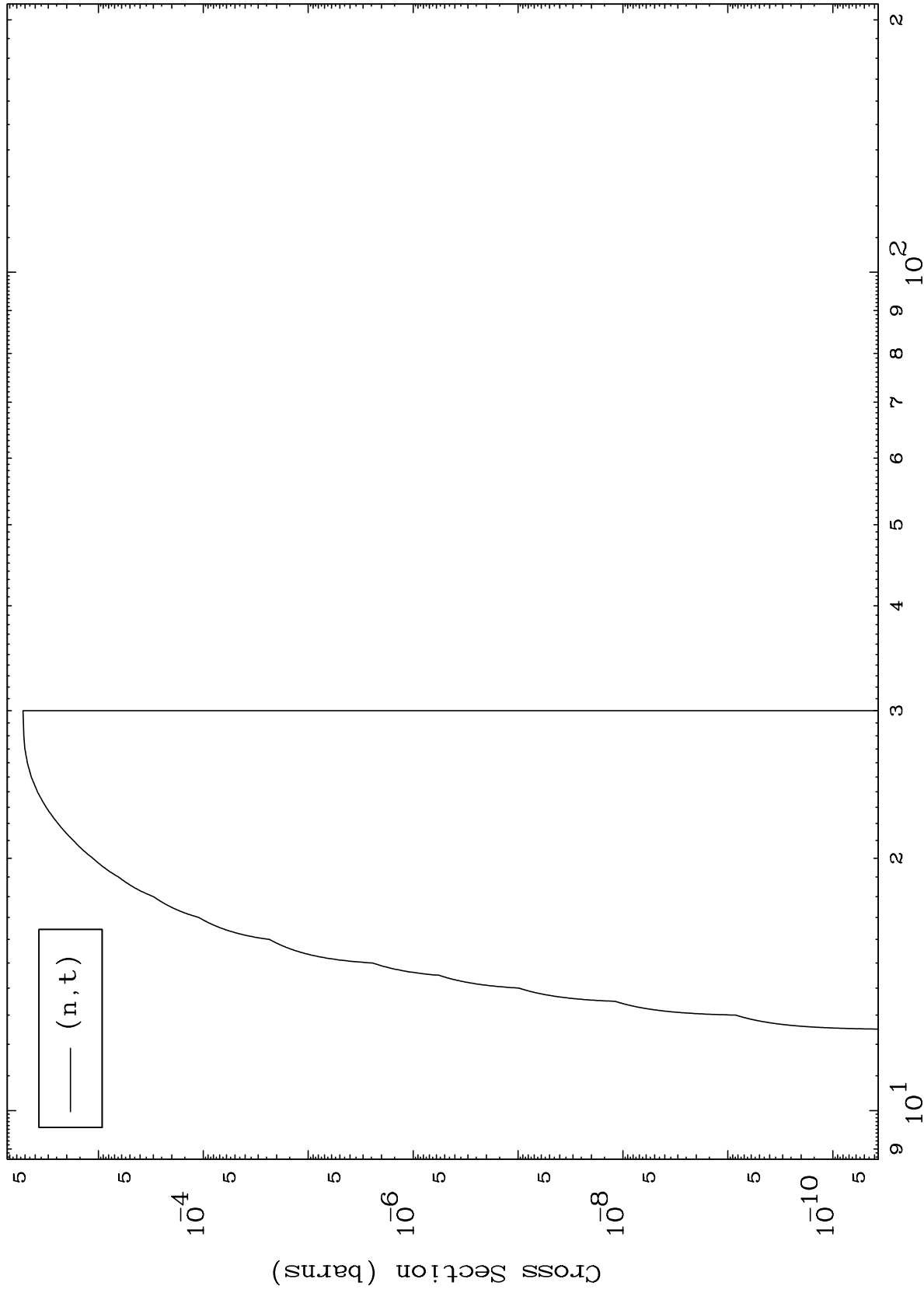
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,t) Levels
293 Kelvin Cross Sections

52-Te-124



12

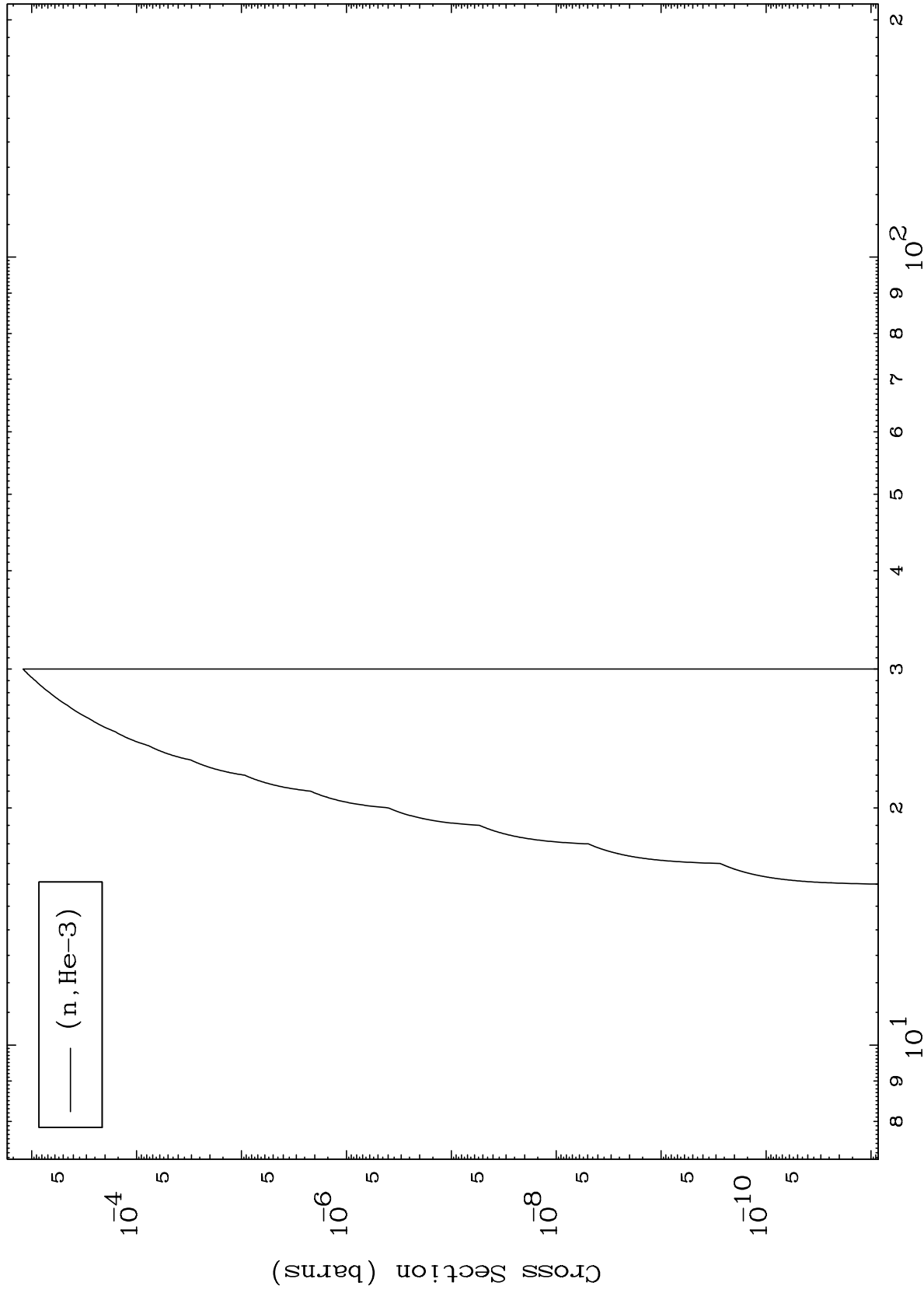
Incident Energy (MeV)

52-Te-124

MAT 5237

52-Te-124

(n,He3) Levels
293 Kelvin Cross Sections



13

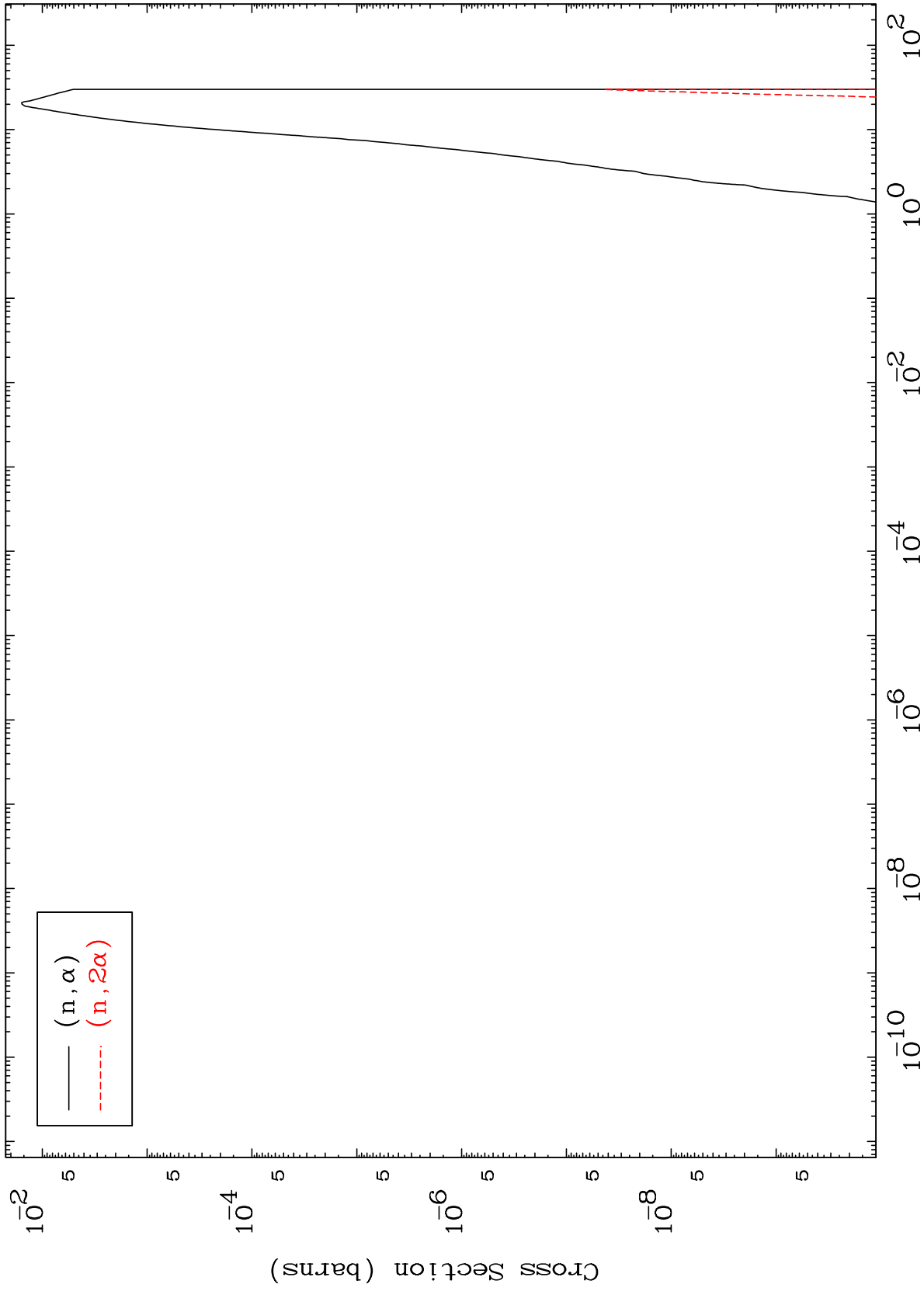
Incident Energy (MeV)

52-Te-124

MAT 5237

(n, α) Levels
293 Kelvin Cross Sections

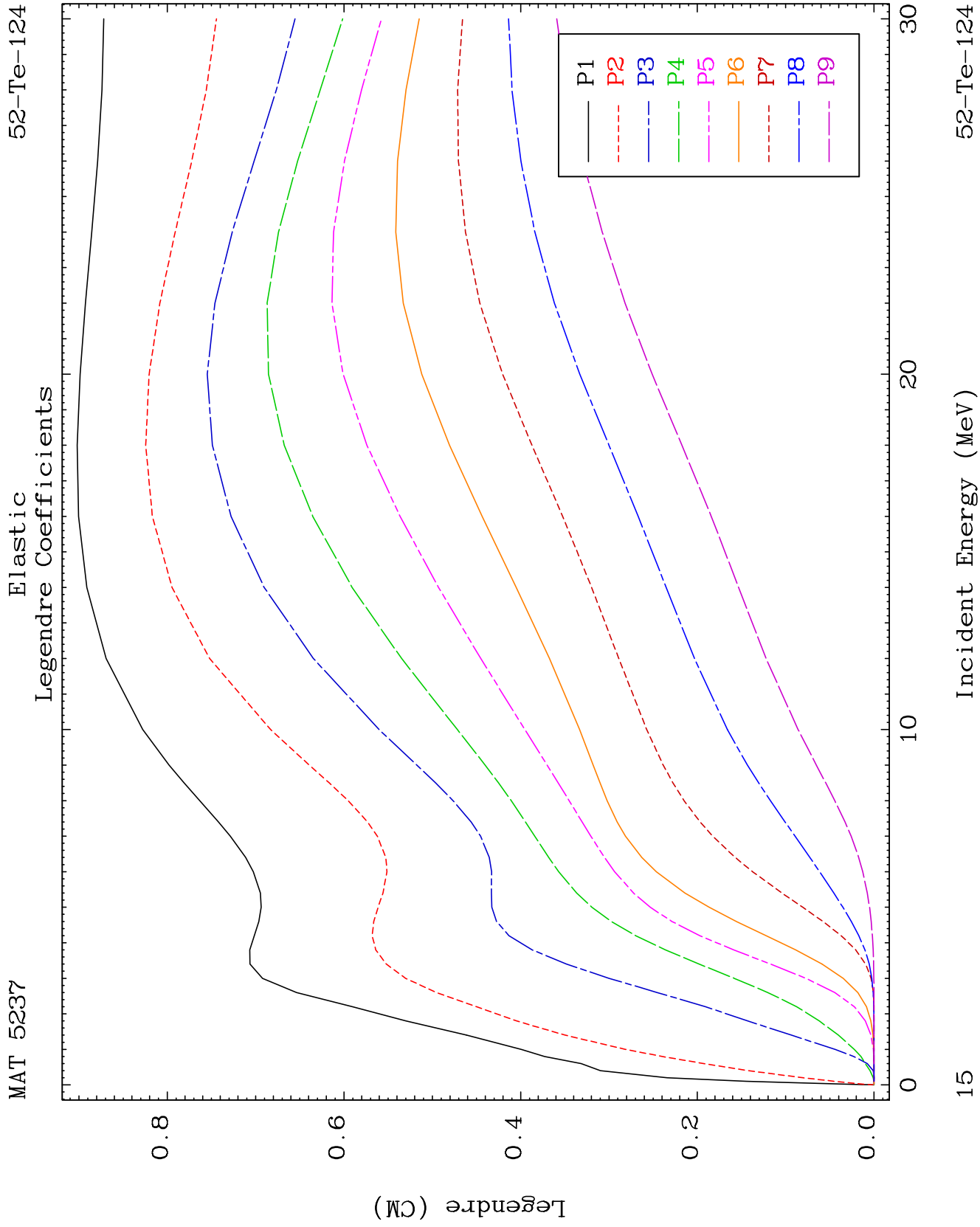
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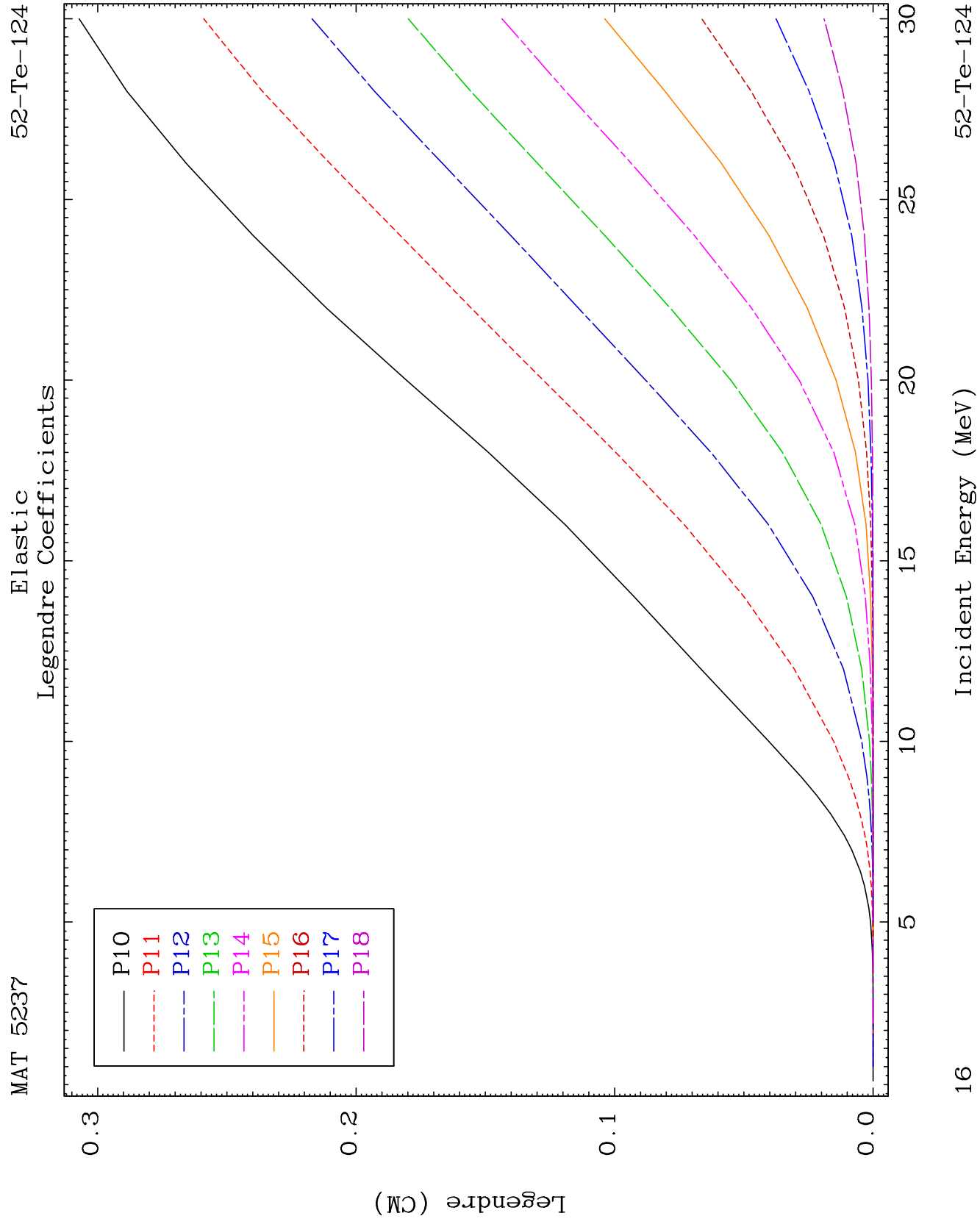


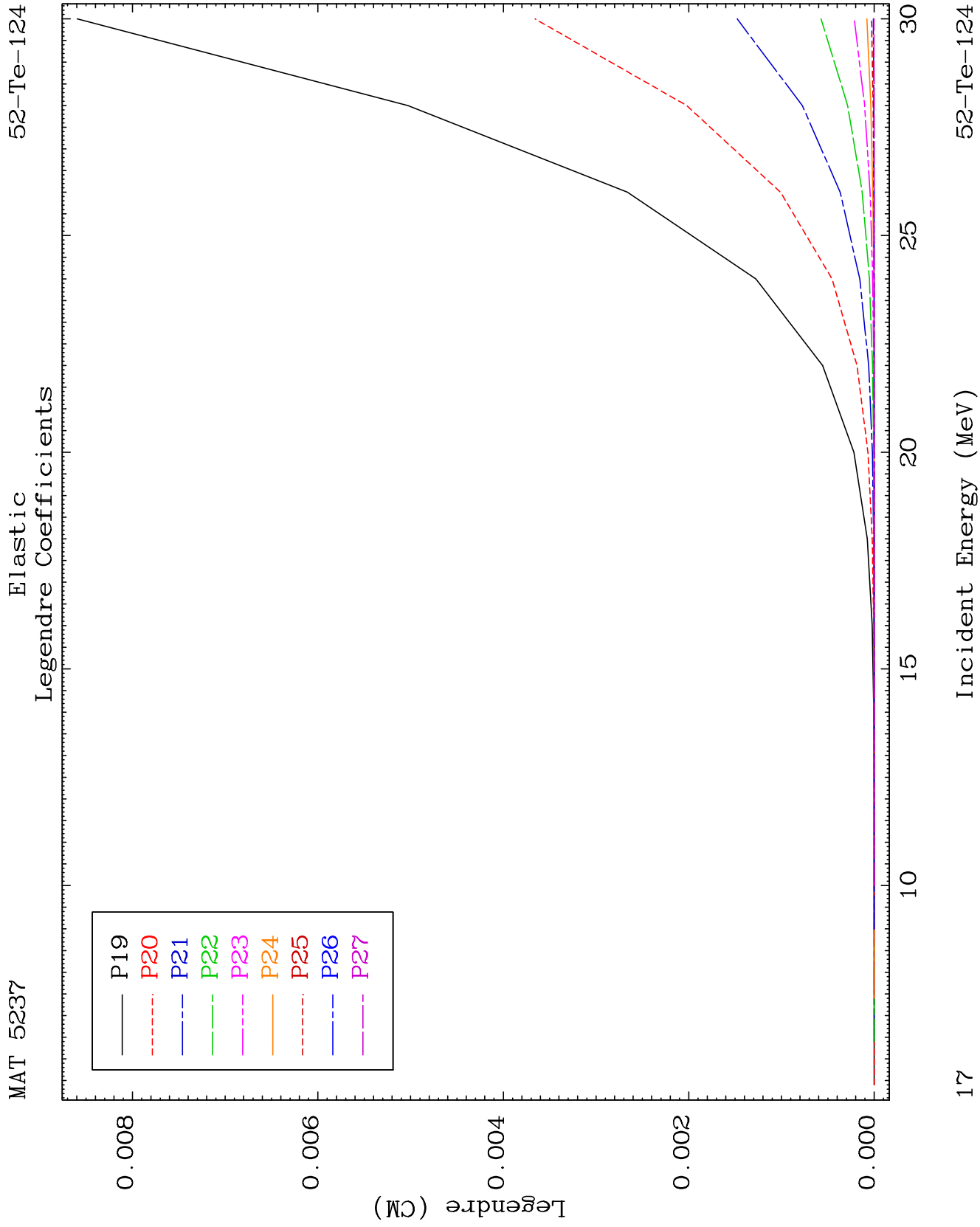
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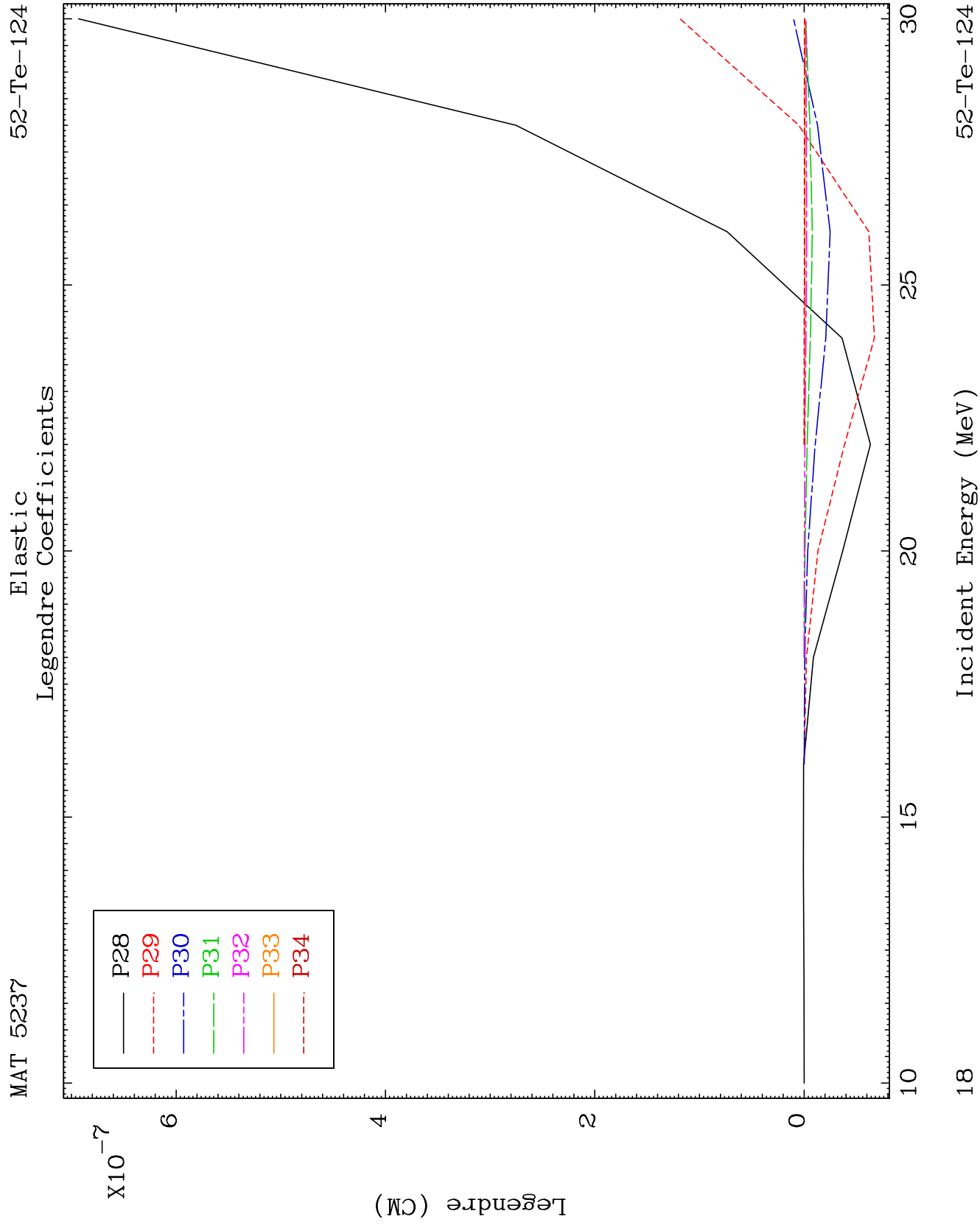
Incident Energy (MeV)

52-Te-124



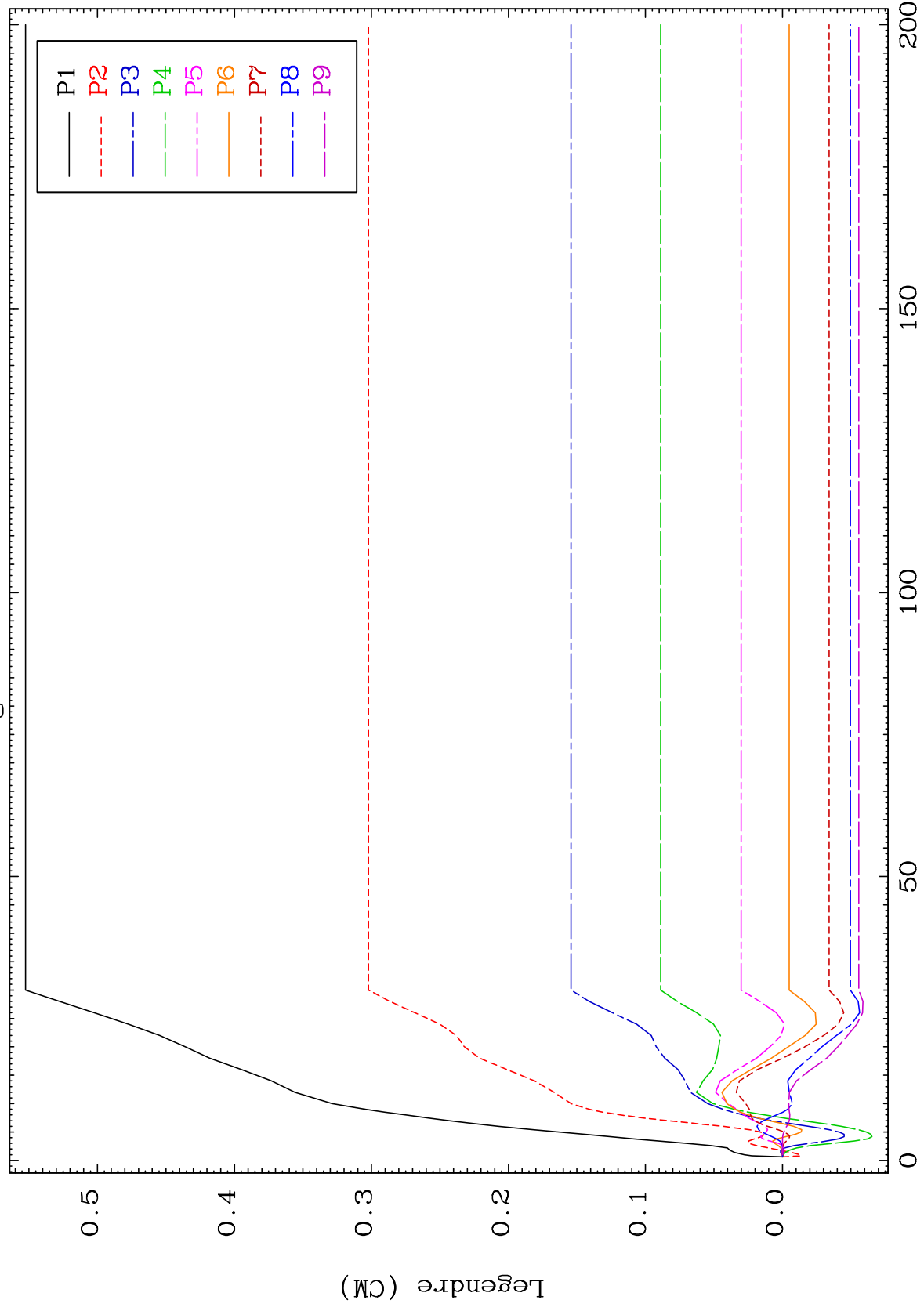






MAT 5237

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

 $^{52}\text{Te}-124$ 

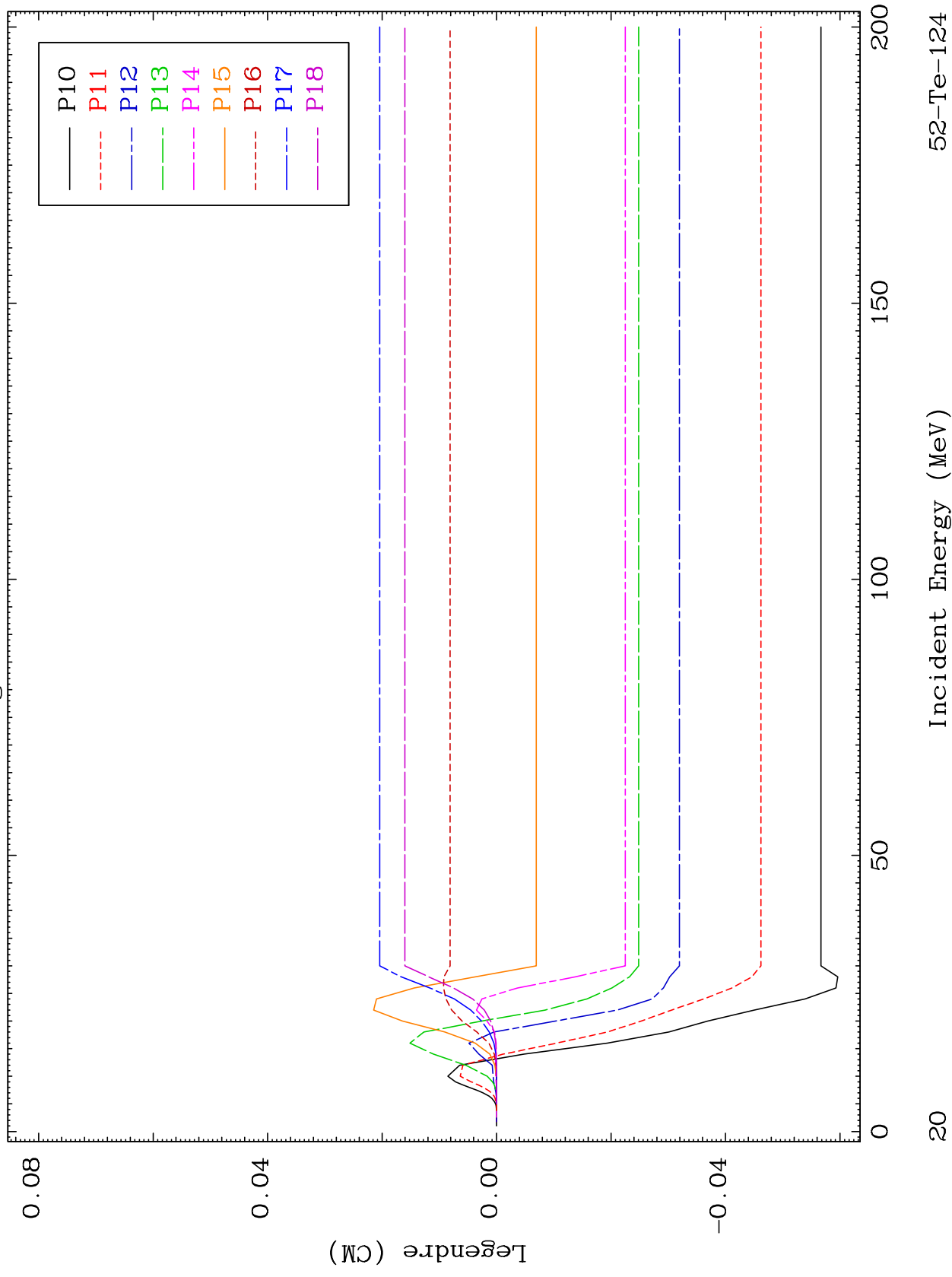
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Incident Energy (MeV)

52-Te-124

MAT 5237

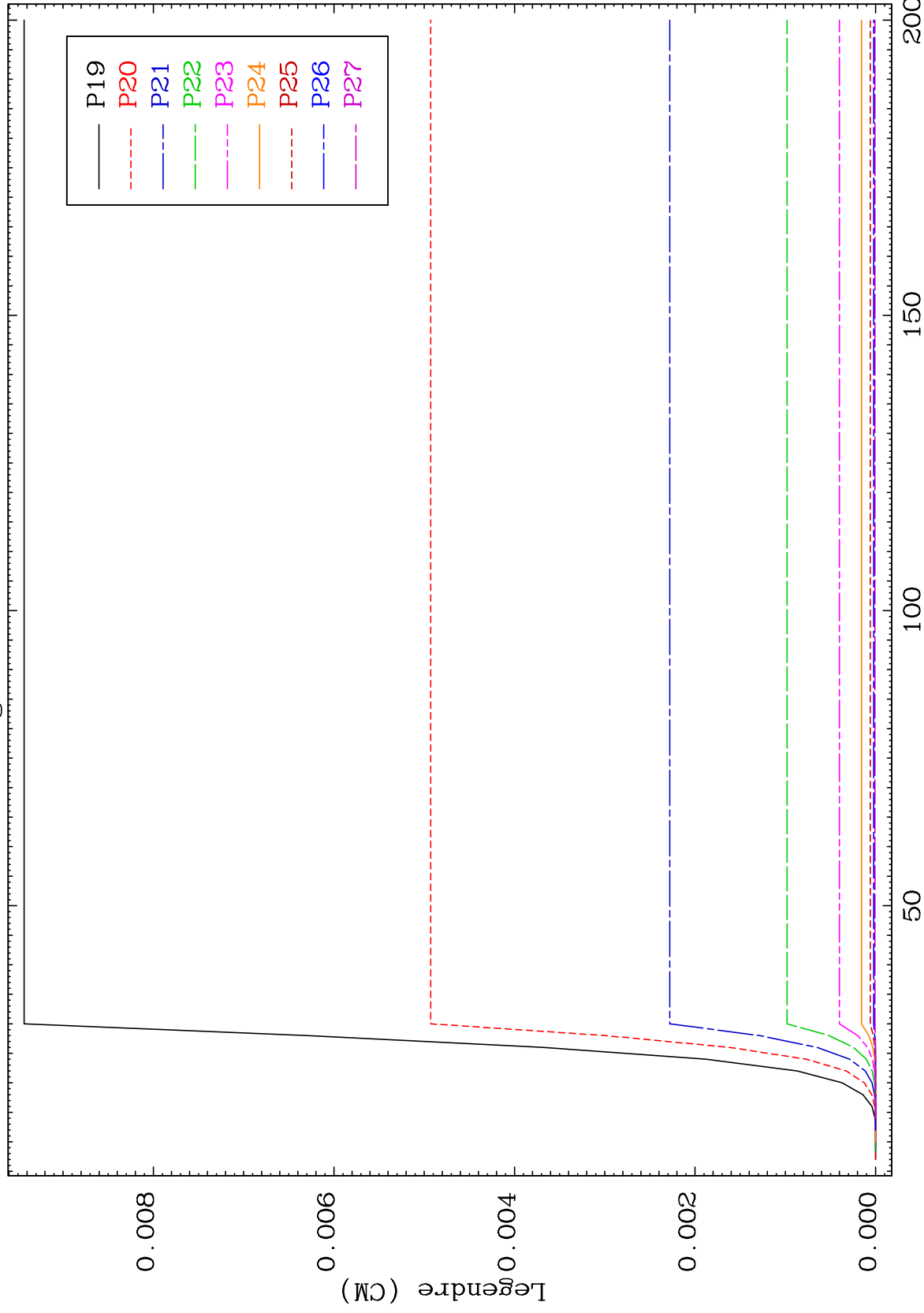
MT= 51 (n, n') Level
Legendre Coefficients

 $^{52}\text{Te}-124$ 

MAT 5237

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

52-Te-124



21

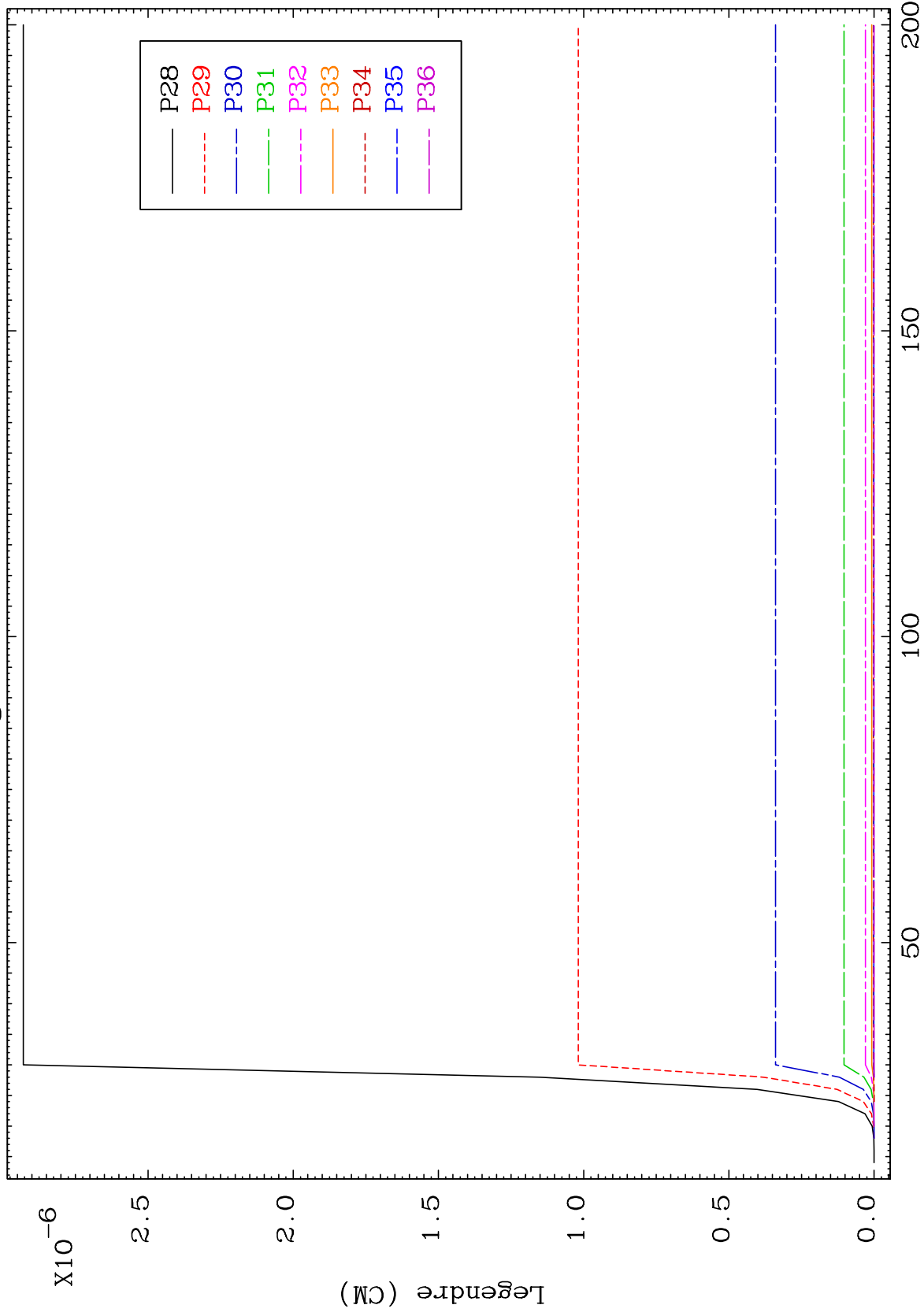
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



22

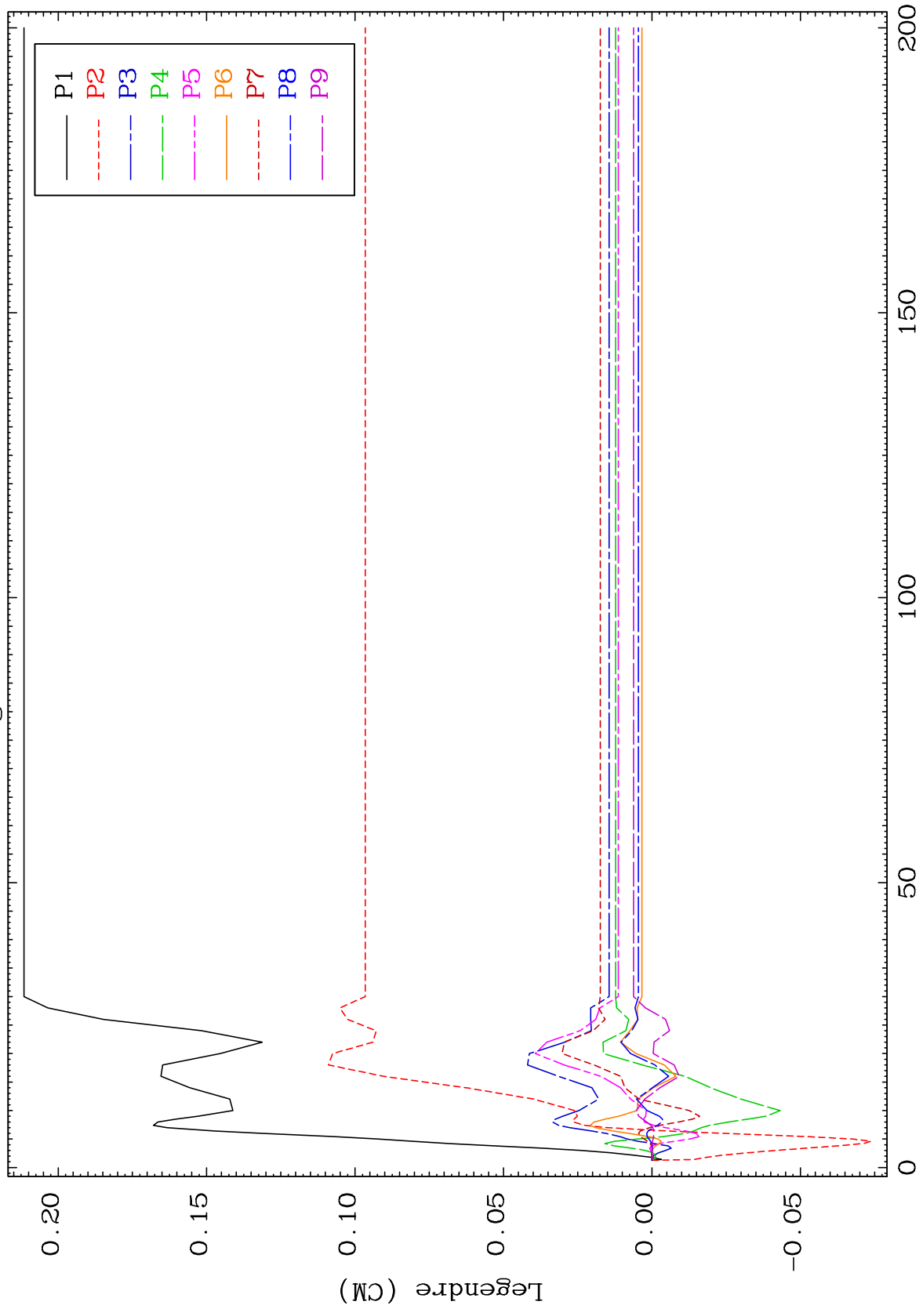
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



32

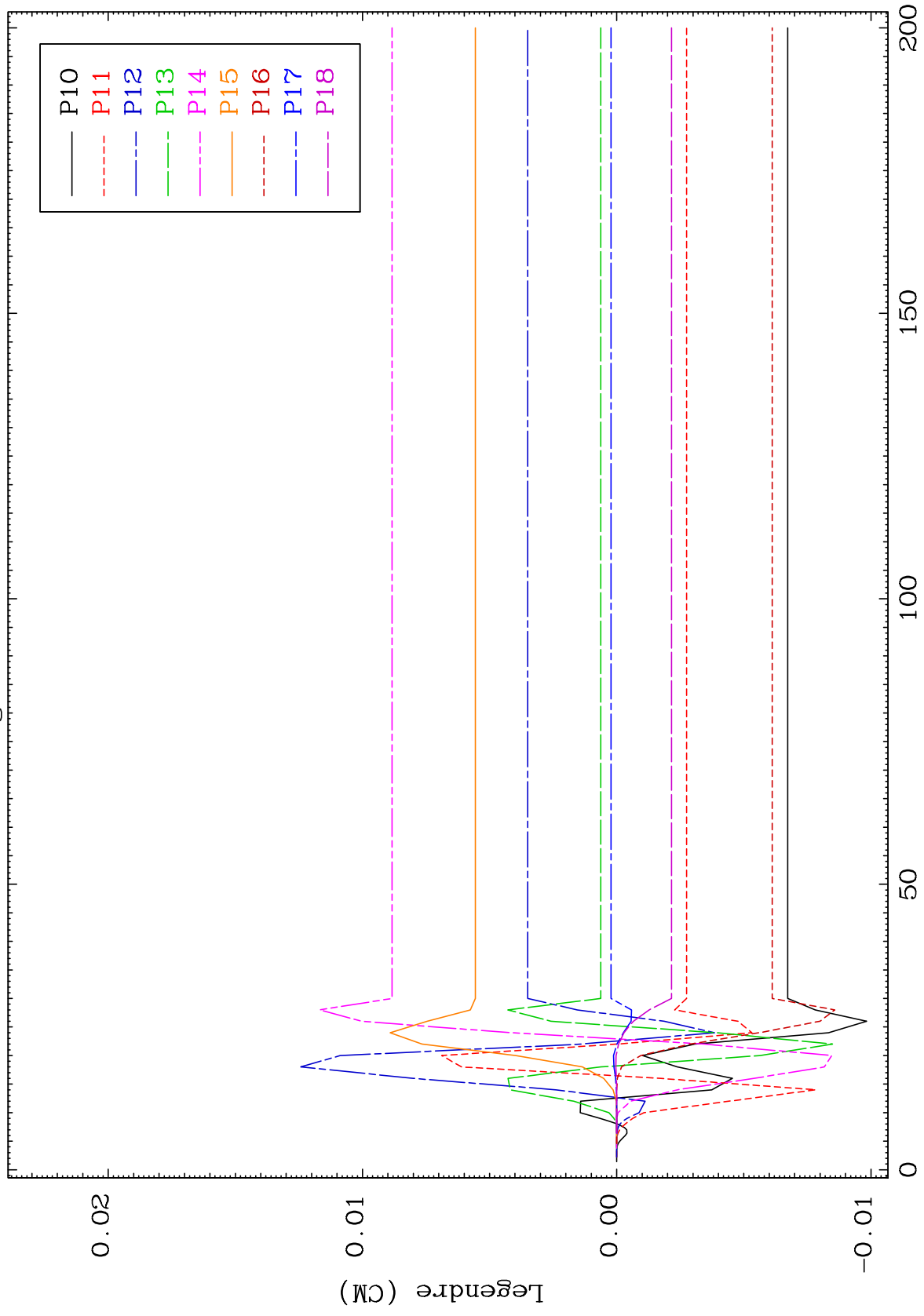
Incident Energy (MeV)

52-Te-124

MAT 5237

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

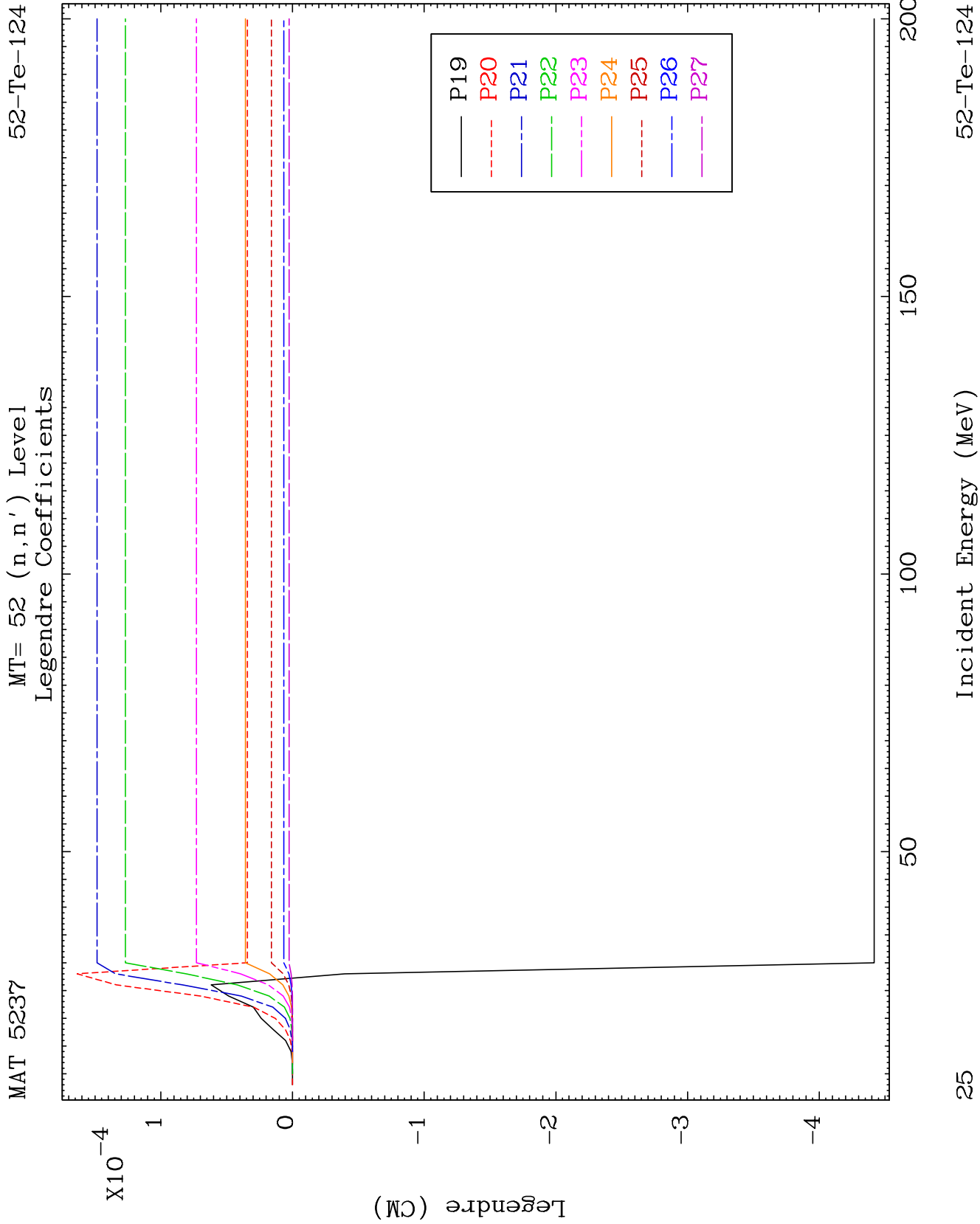
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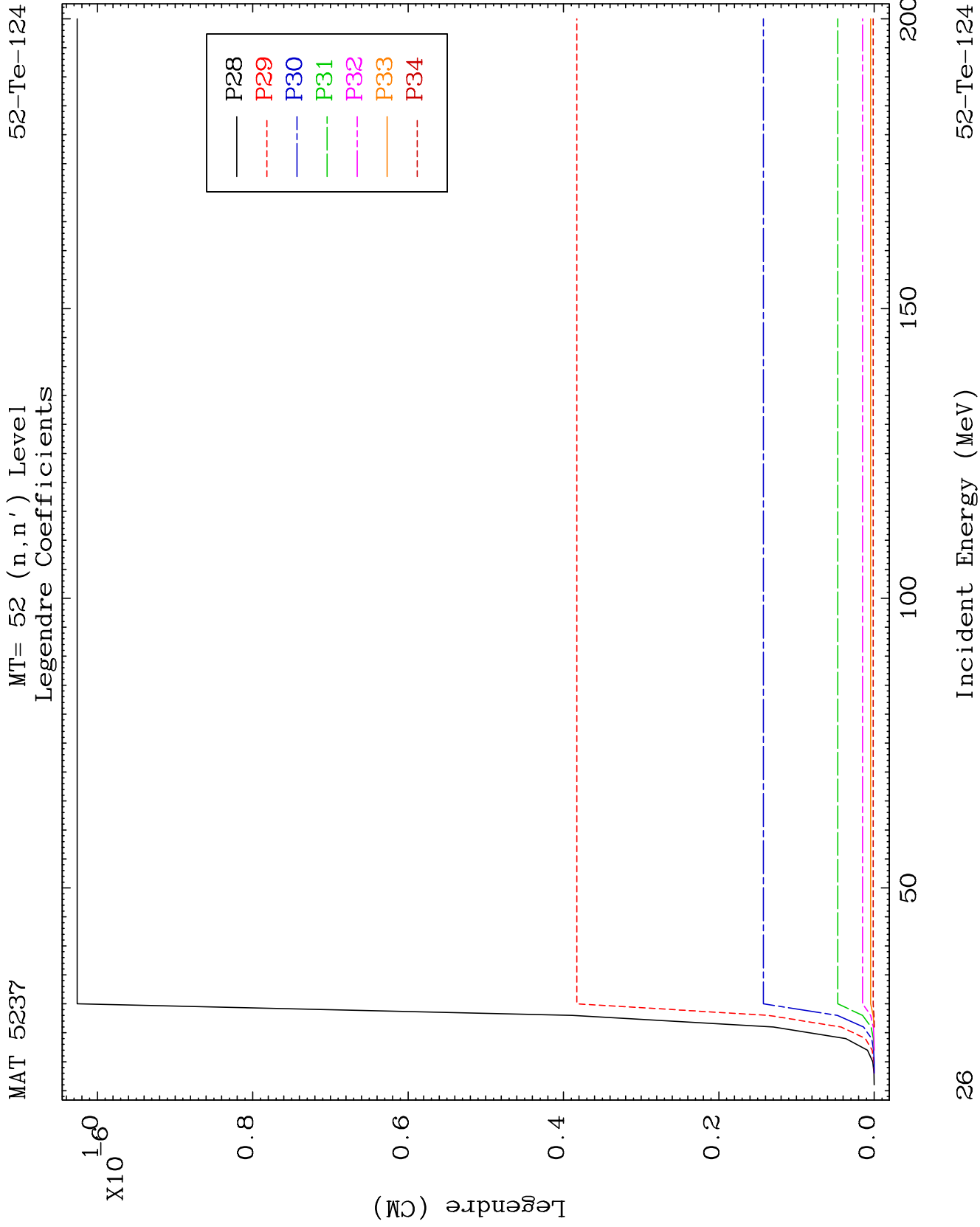


24

Incident Energy (MeV)

 $^{52}\text{Te}-124$

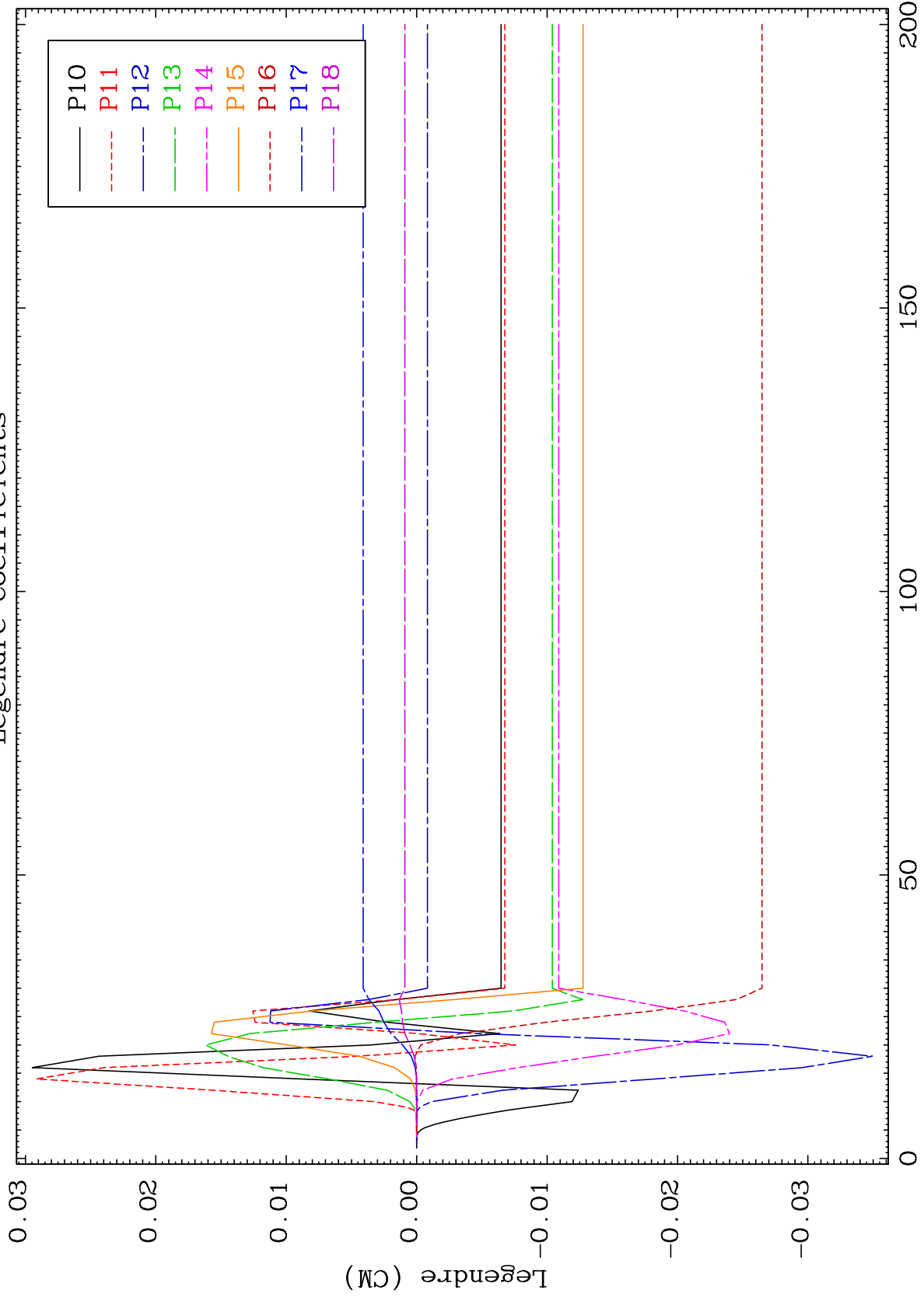




MAT 5237

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

52-Te-124



82

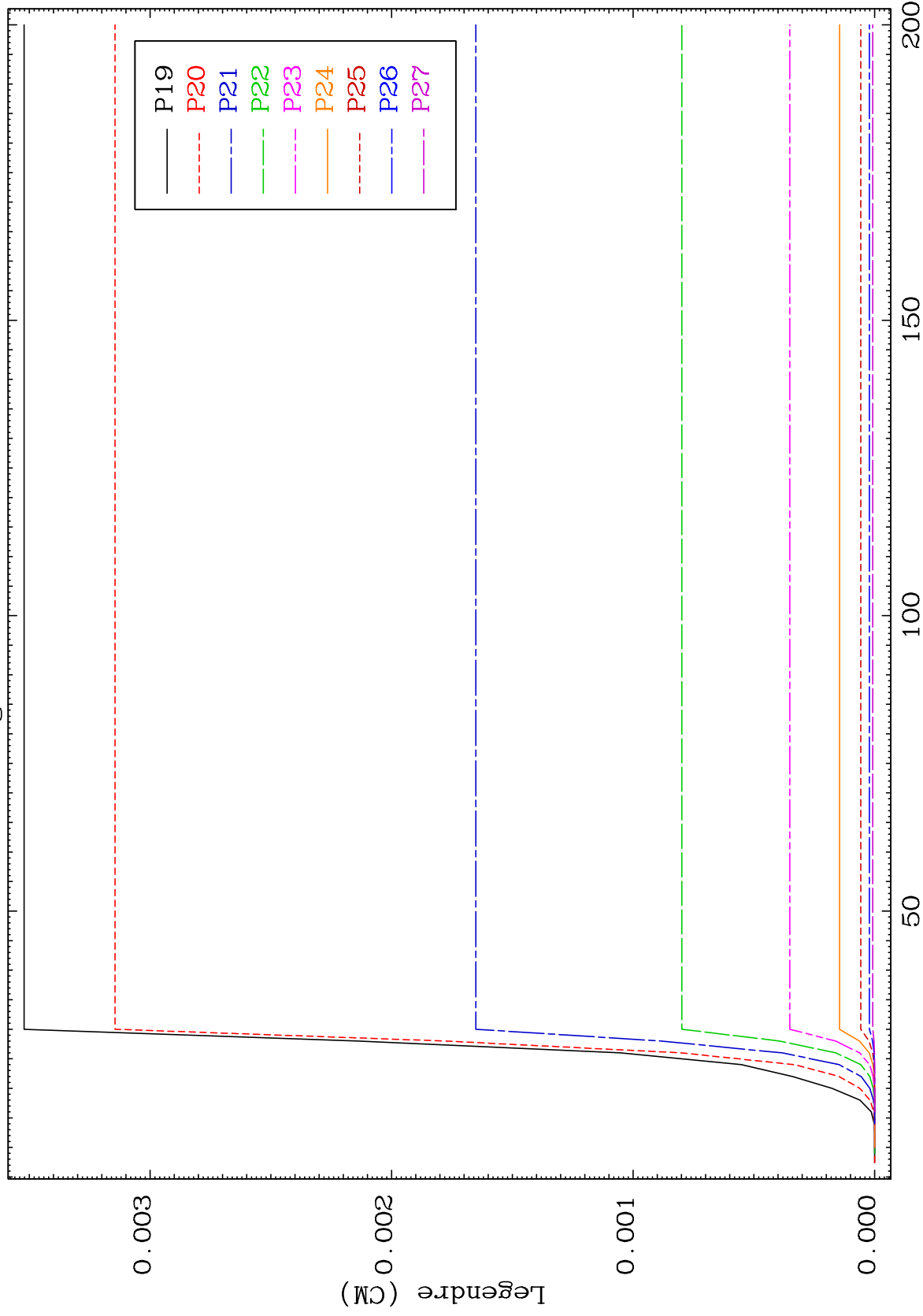
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



29

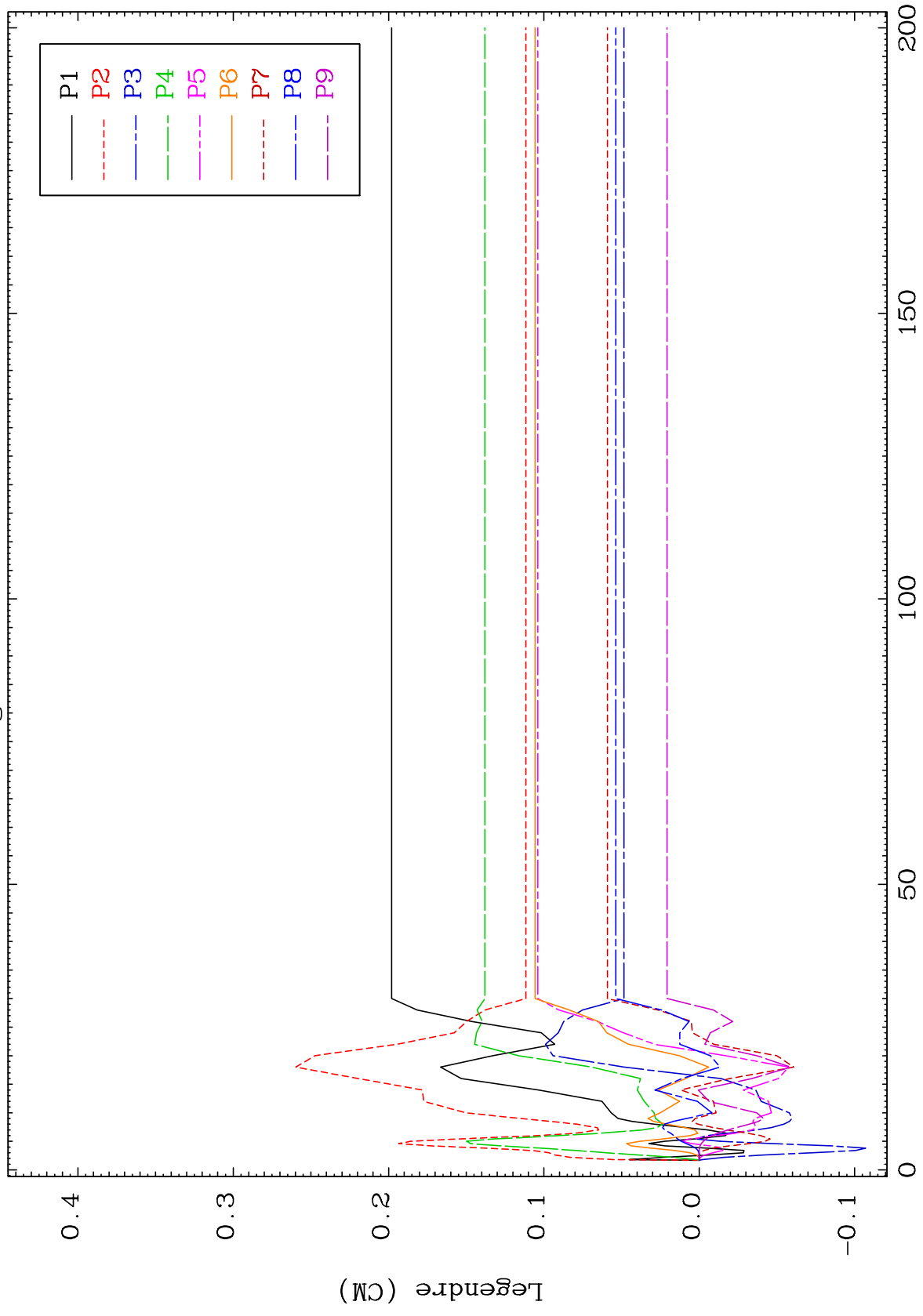
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



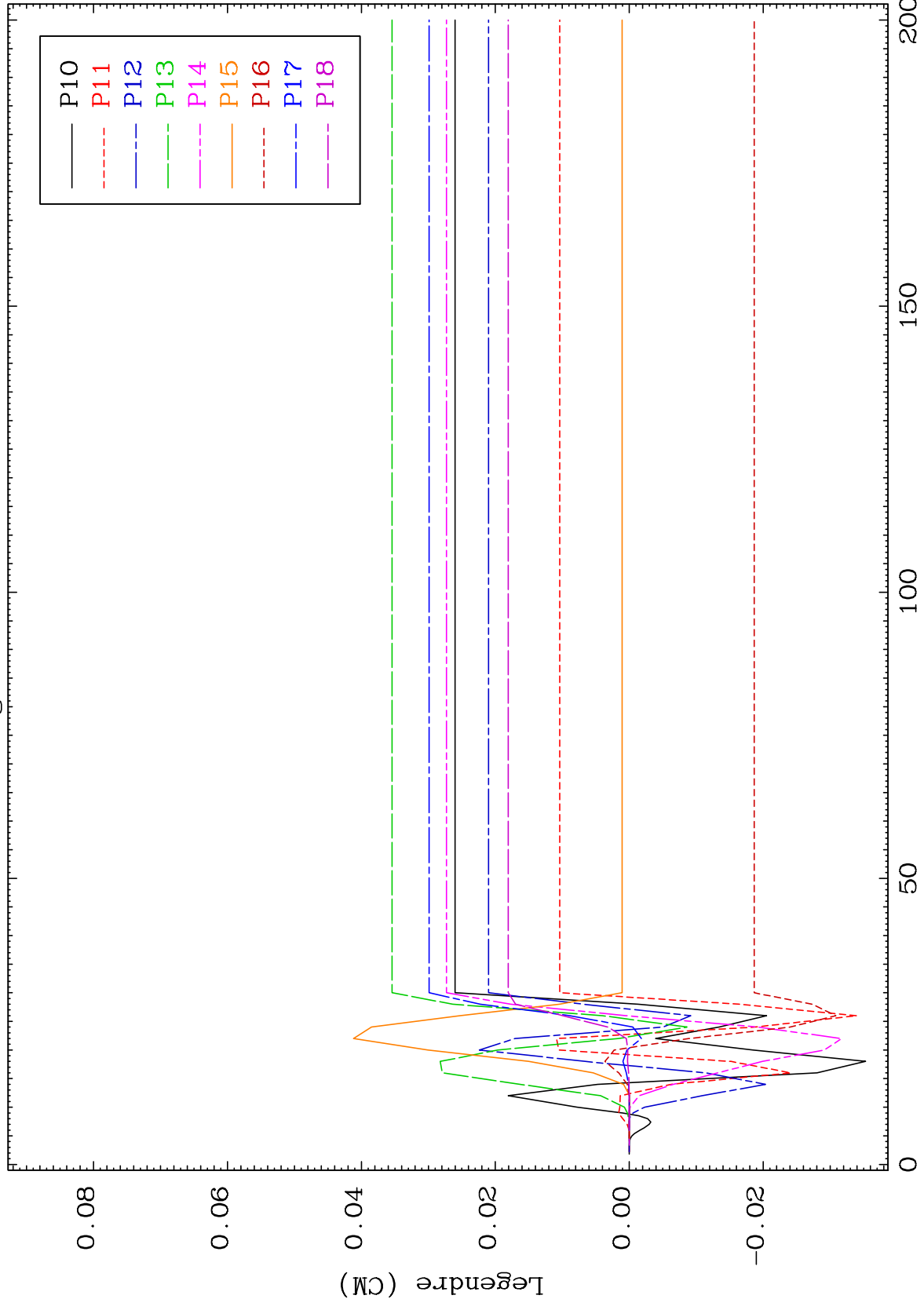
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Incident Energy (MeV)

52-Te-124

MAT 5237

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

 $^{52}\text{Te}-124$ 

32

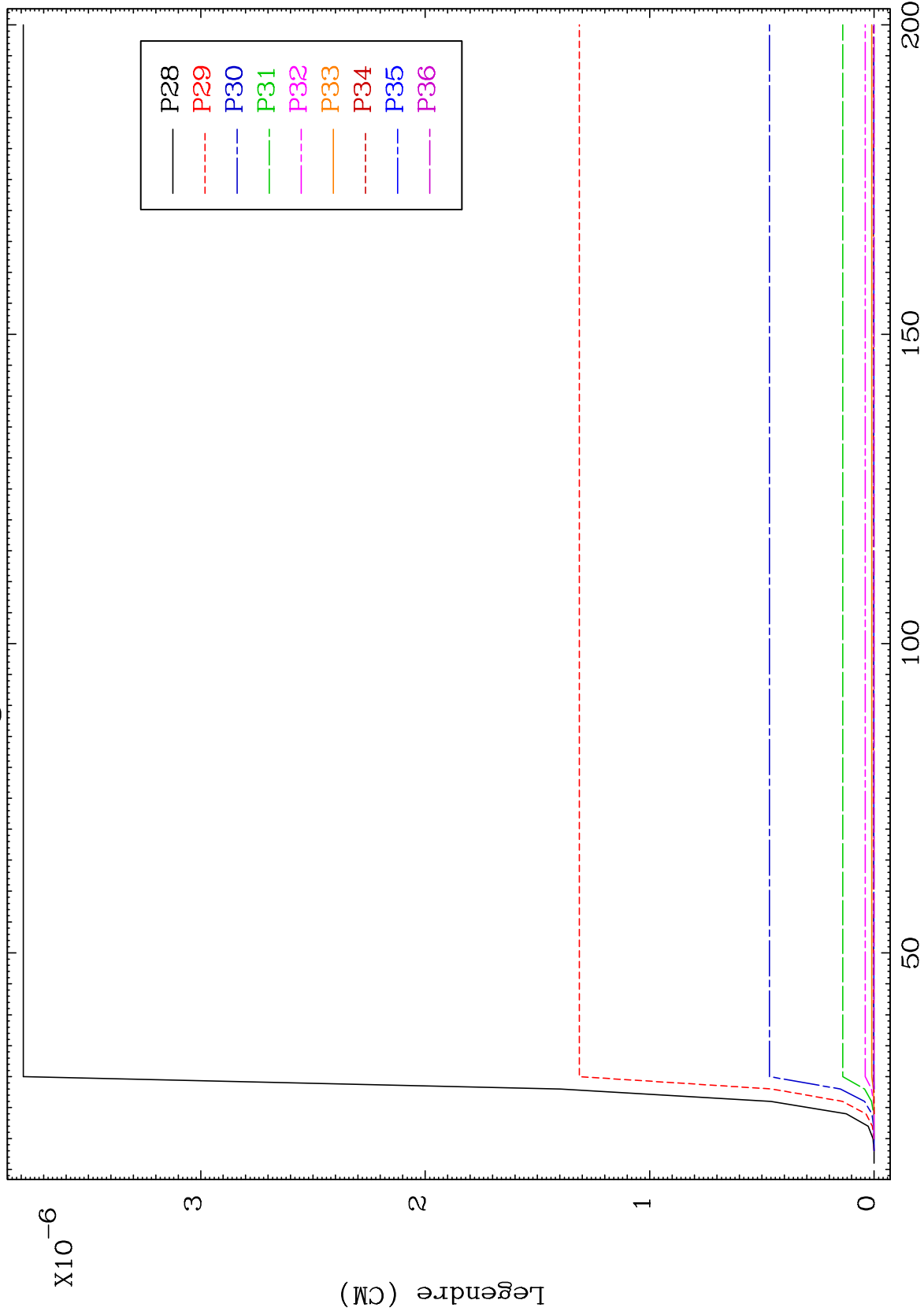
Incident Energy (MeV)

52-Te-124

MAT 5237

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

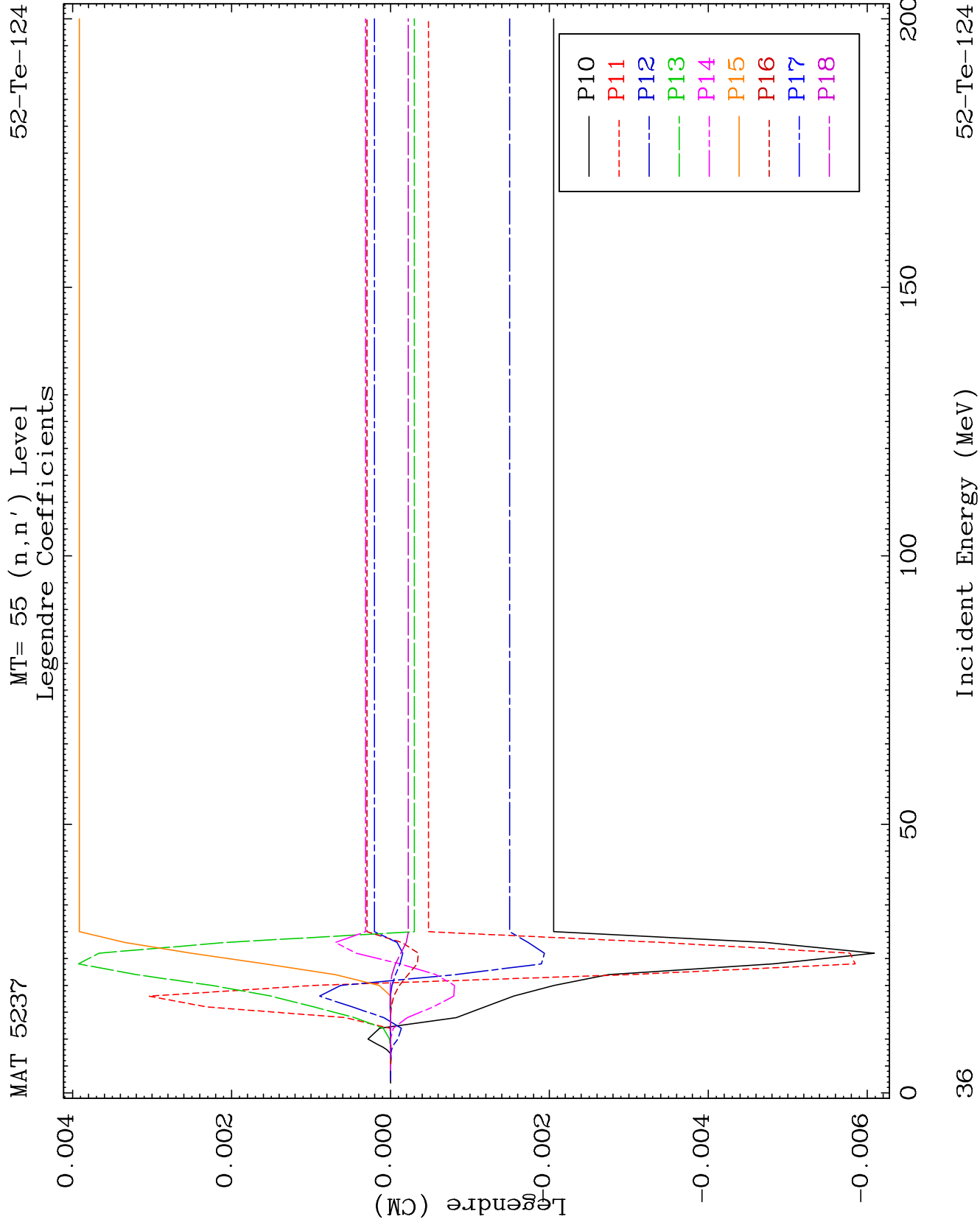
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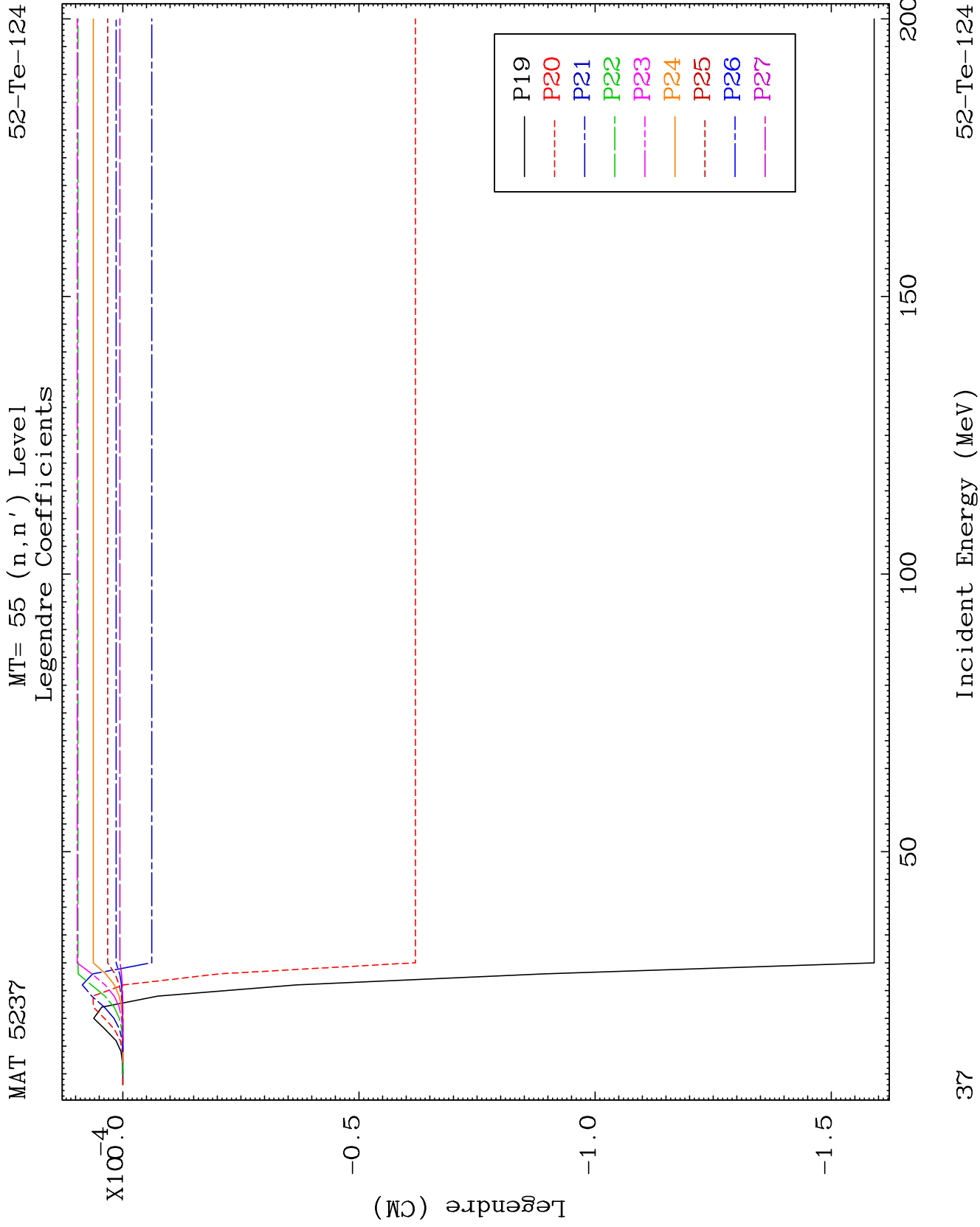


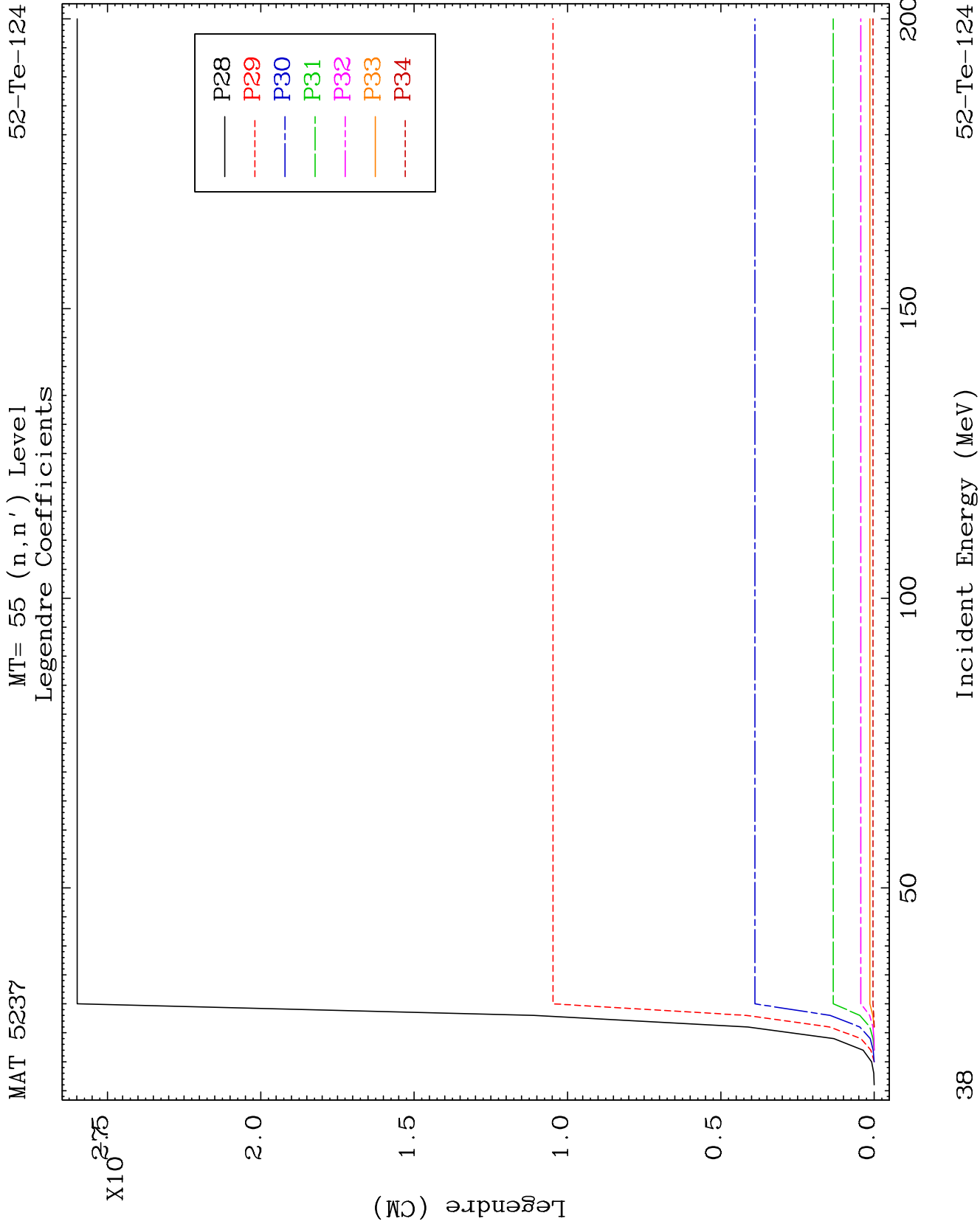
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Incident Energy (MeV)

52-Te-124



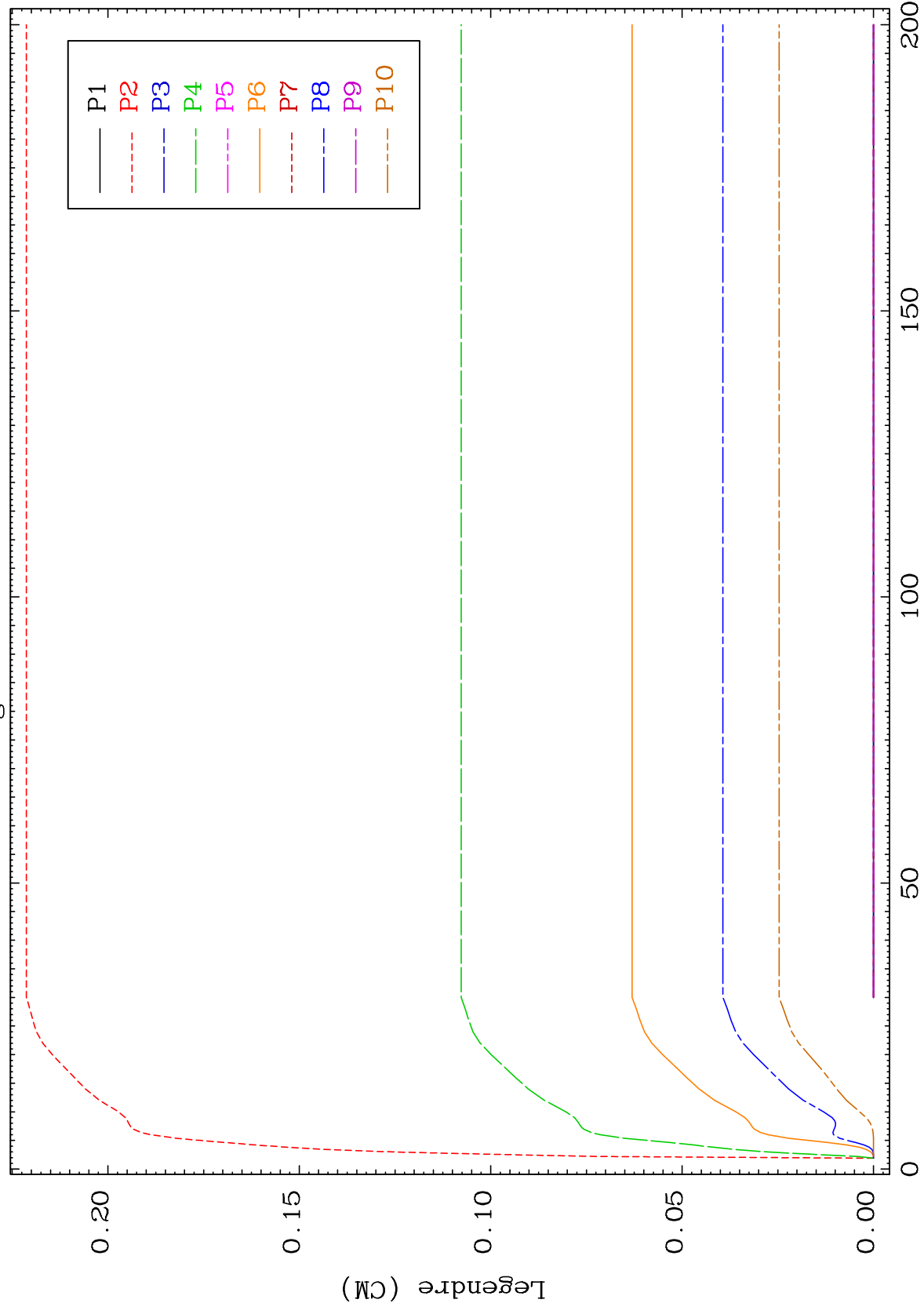




MAT 5237

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

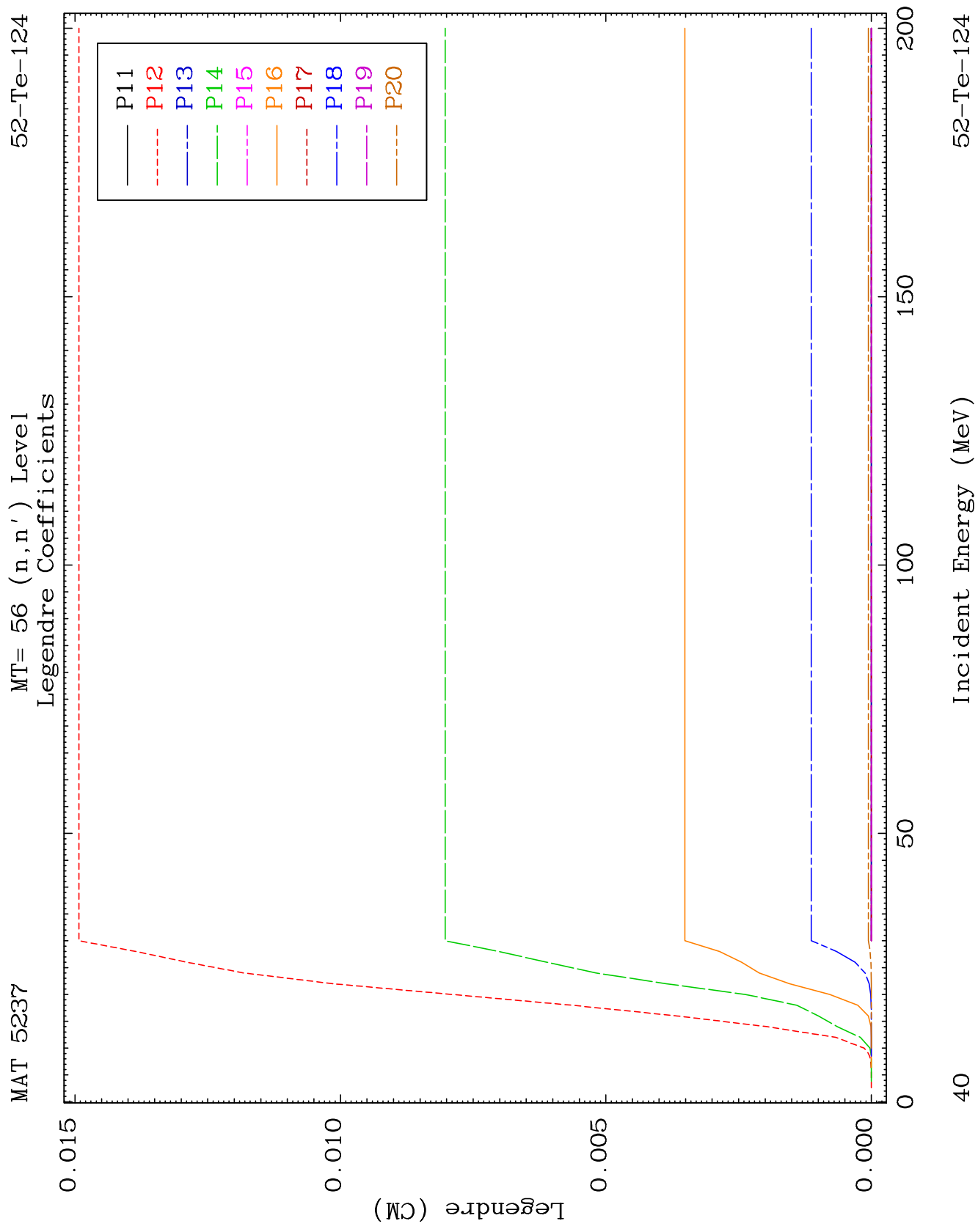
52-Te-124



39

Incident Energy (MeV)

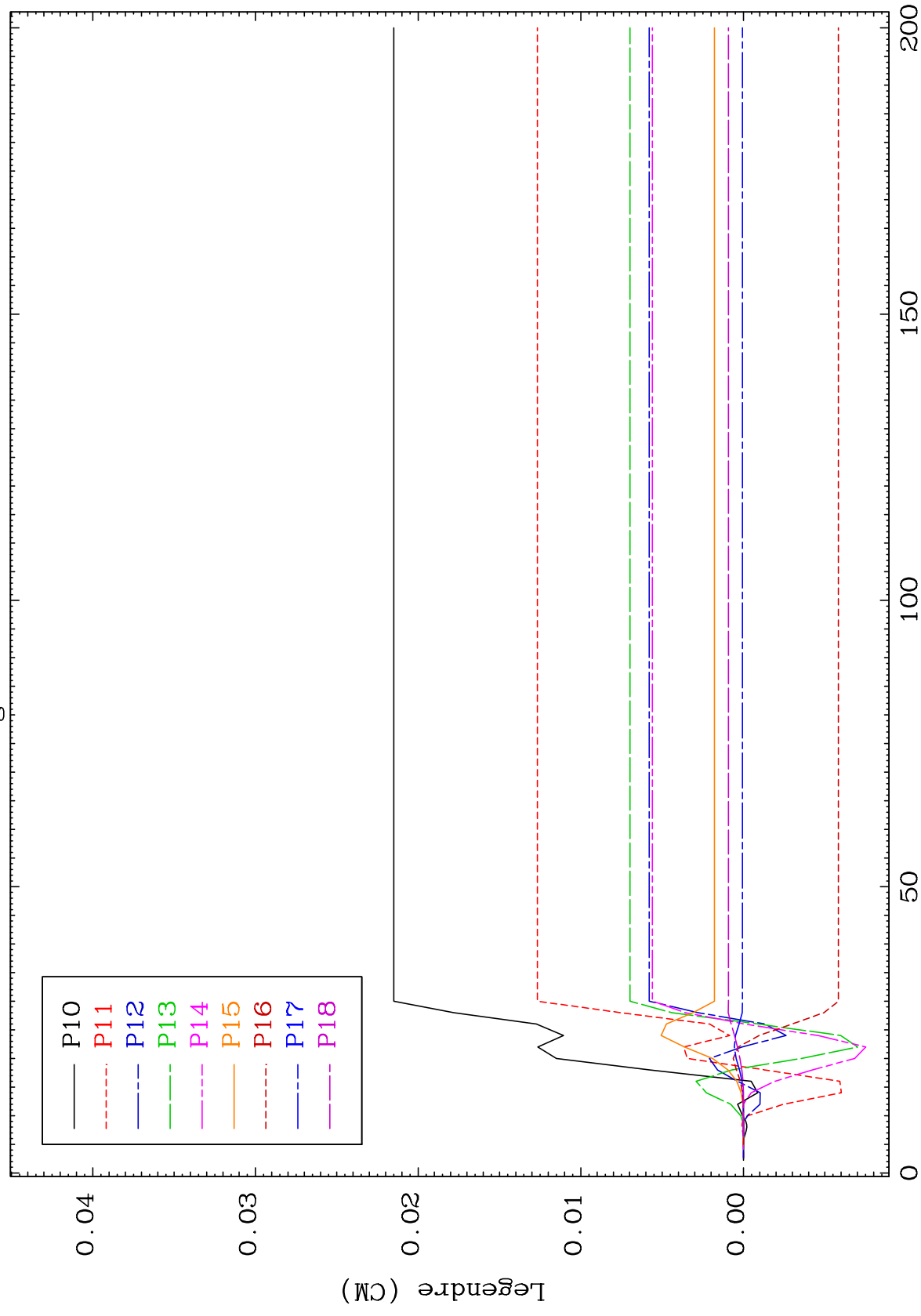
52-Te-124



MAT 5237

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

52-Te-124



43

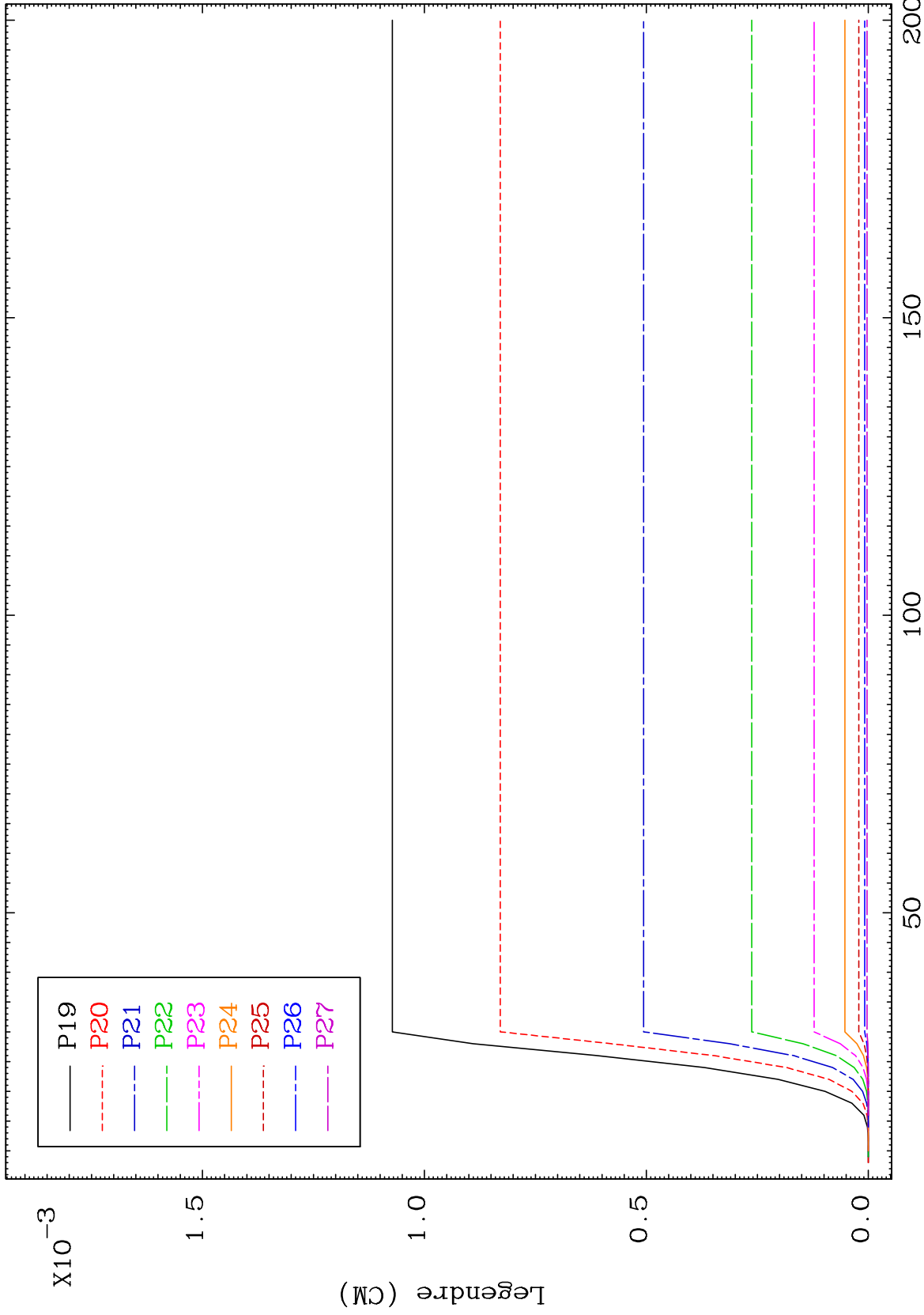
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



44

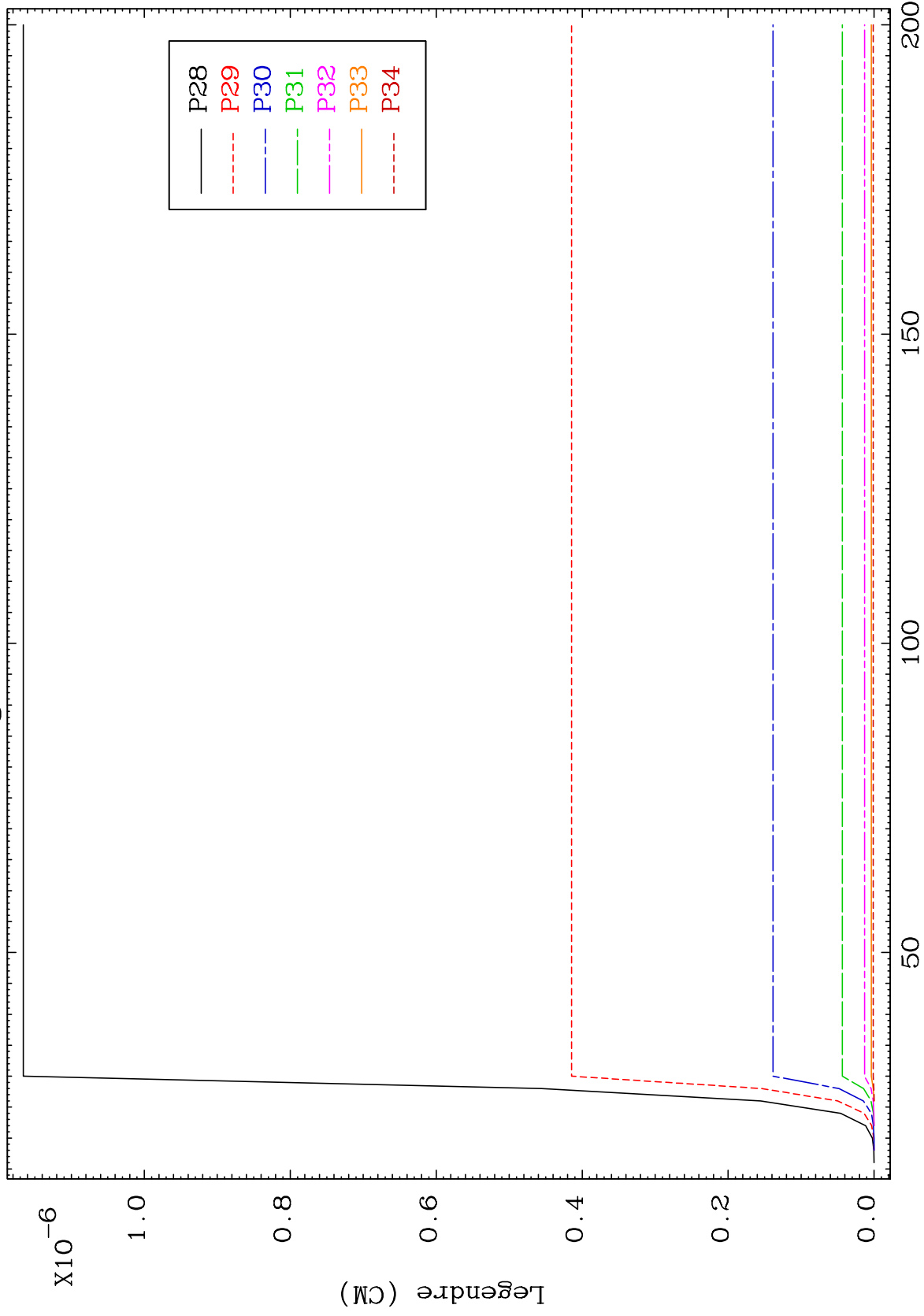
Incident Energy (MeV)

52-Te-124

MAT 5237

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

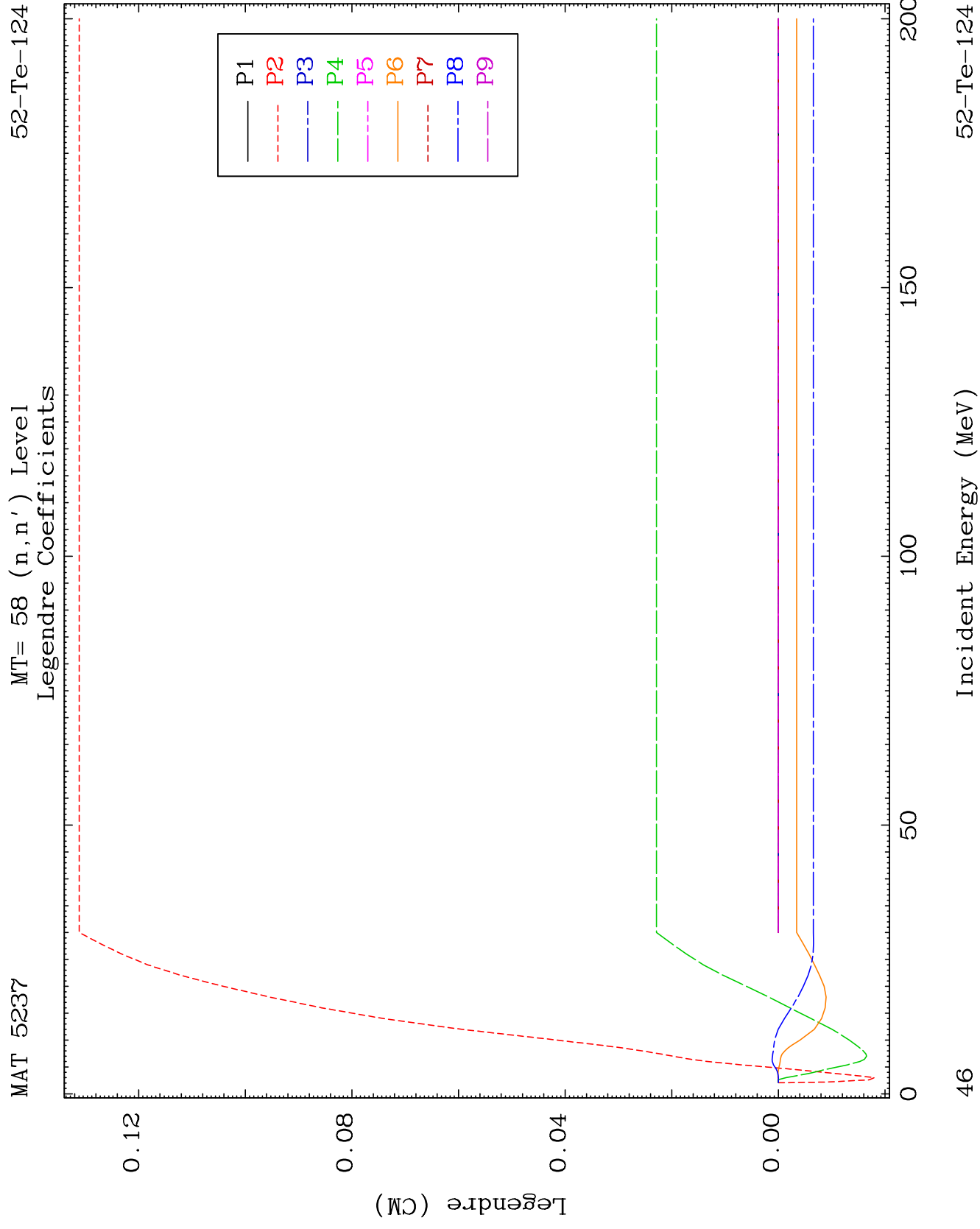
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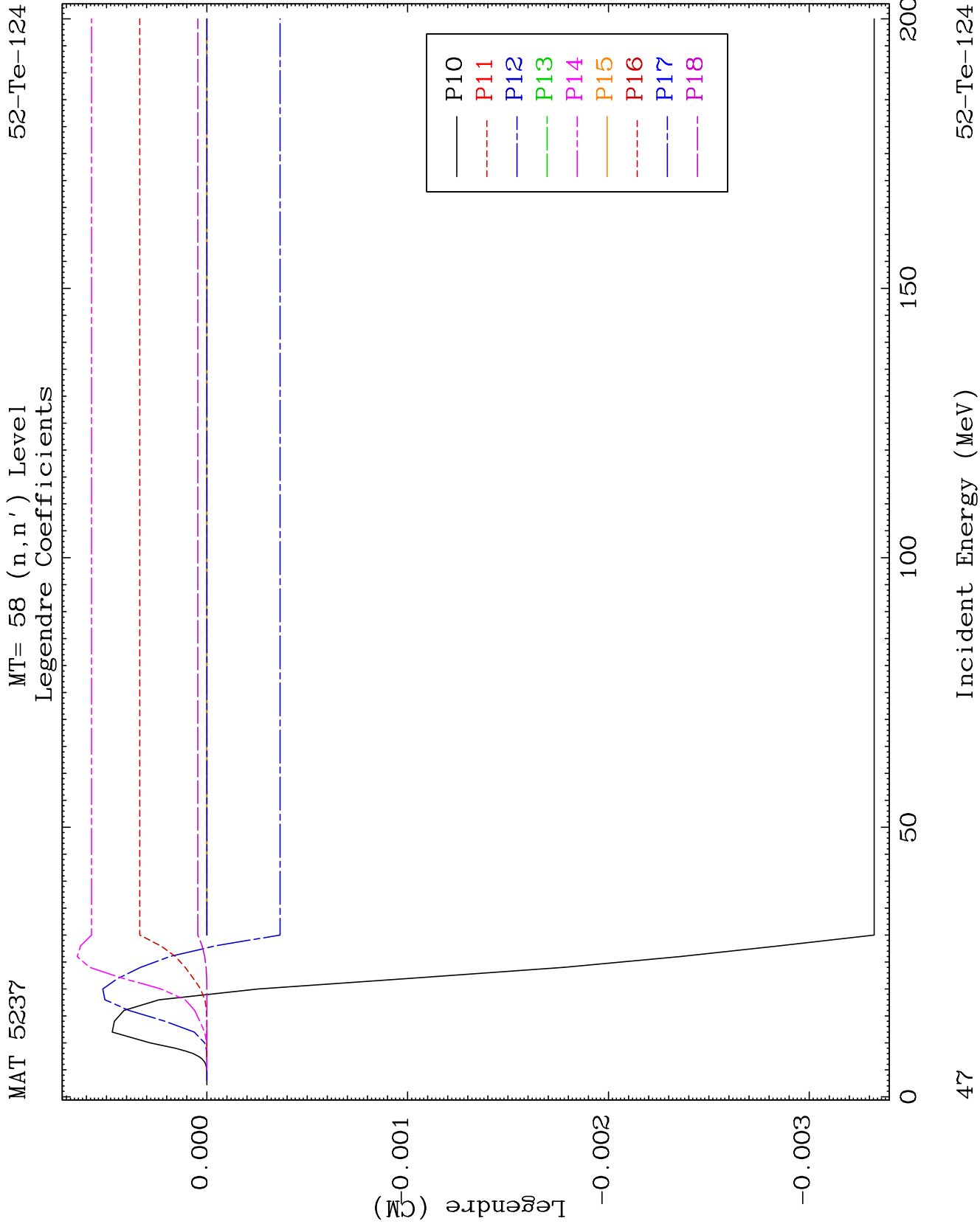


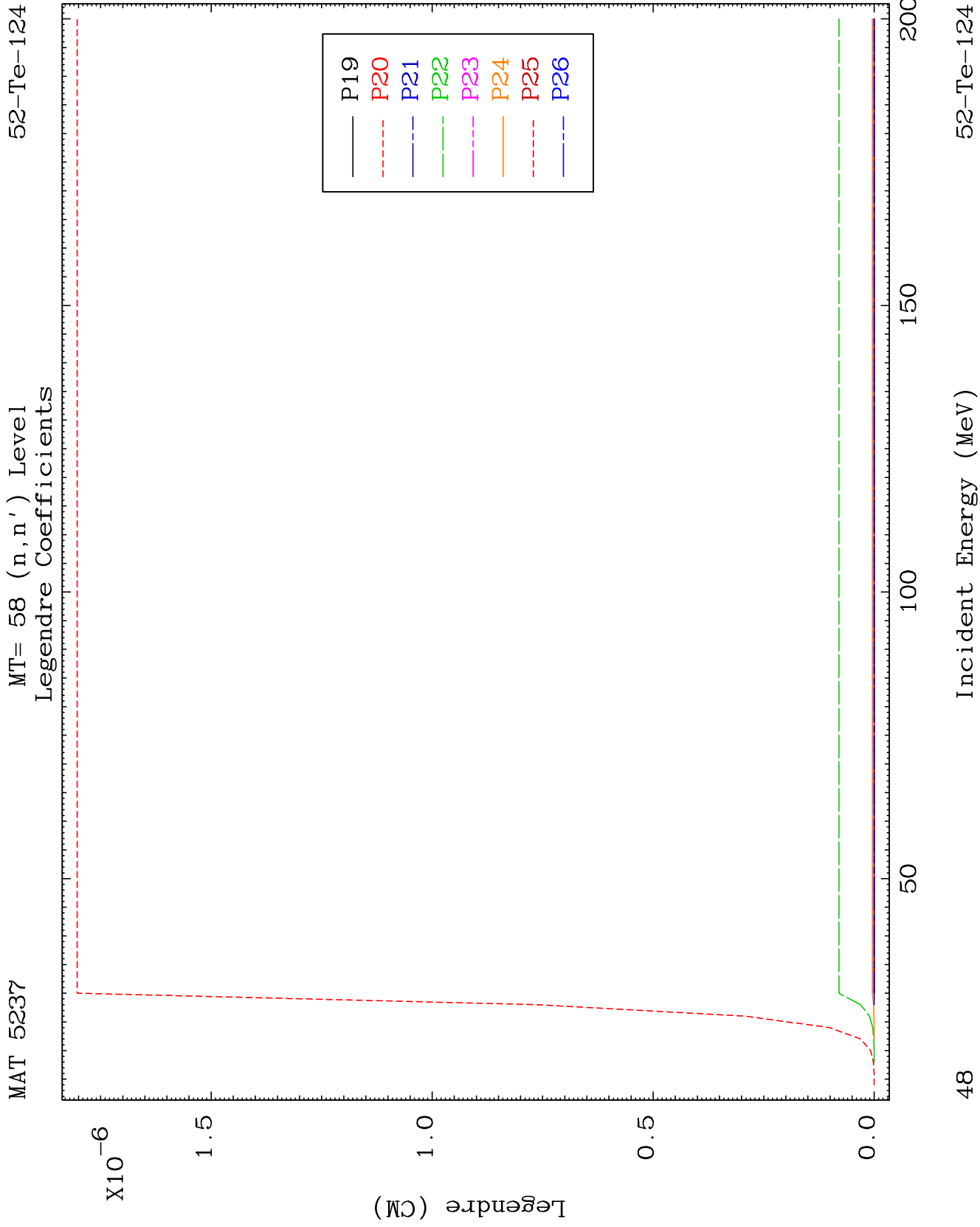
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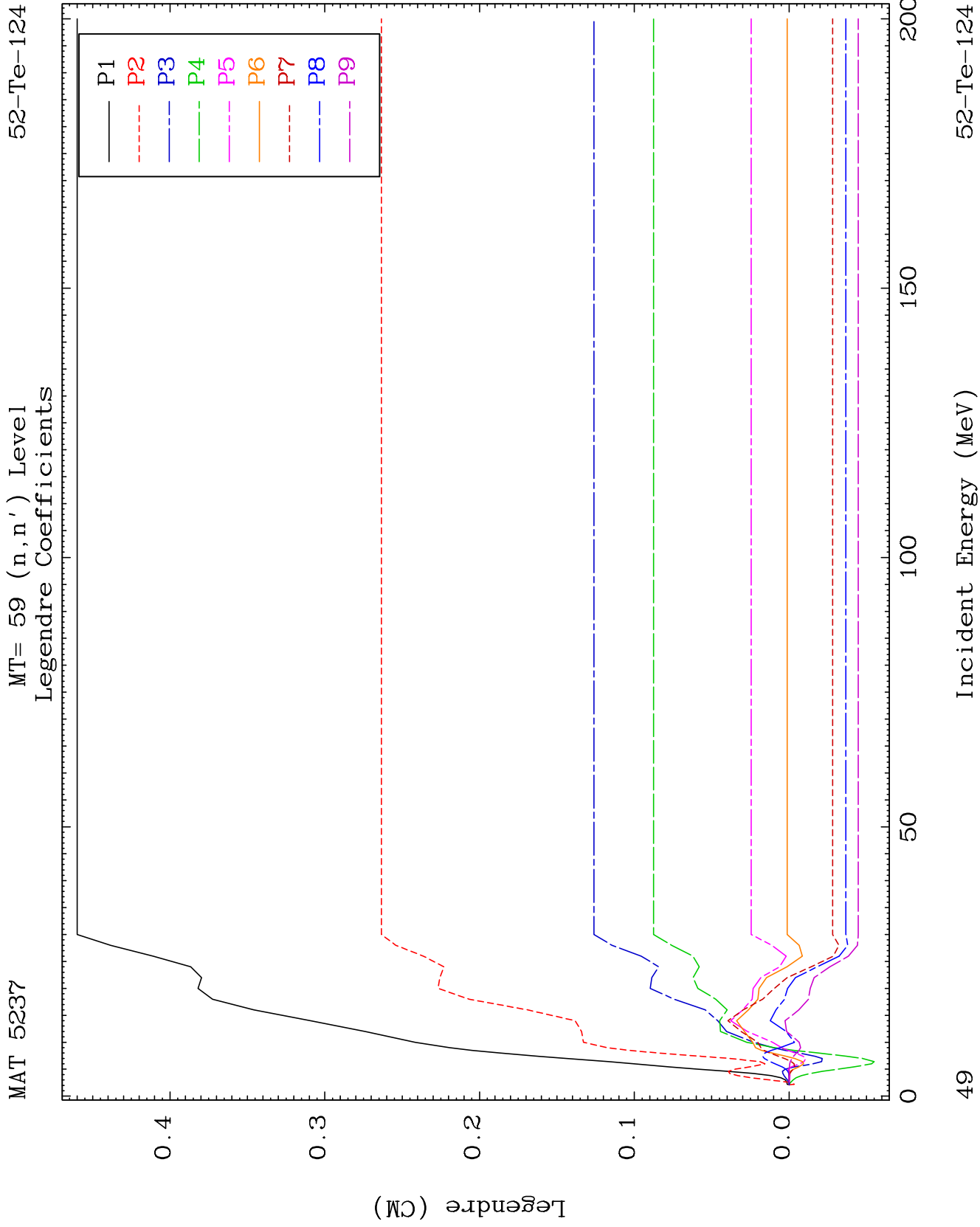
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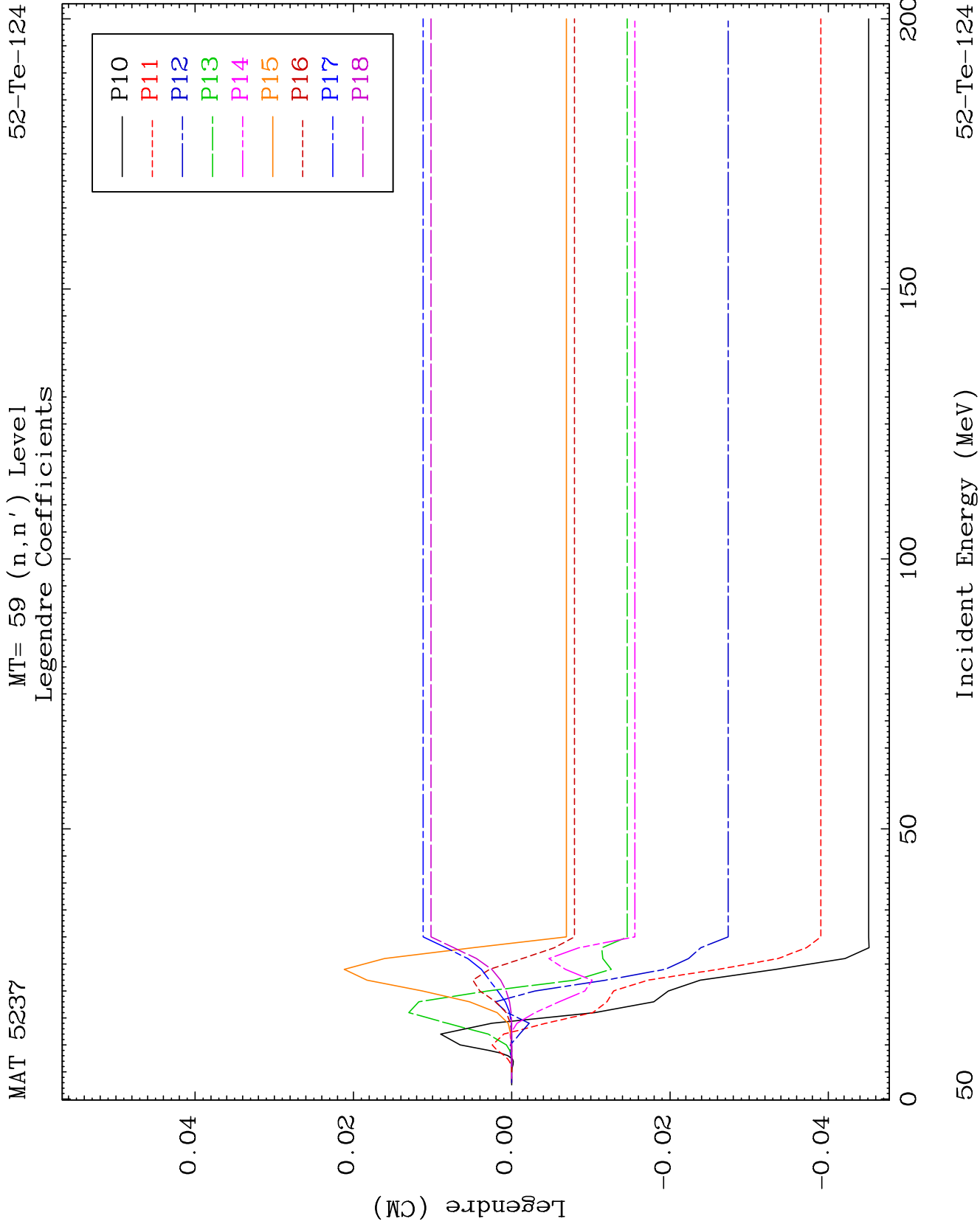
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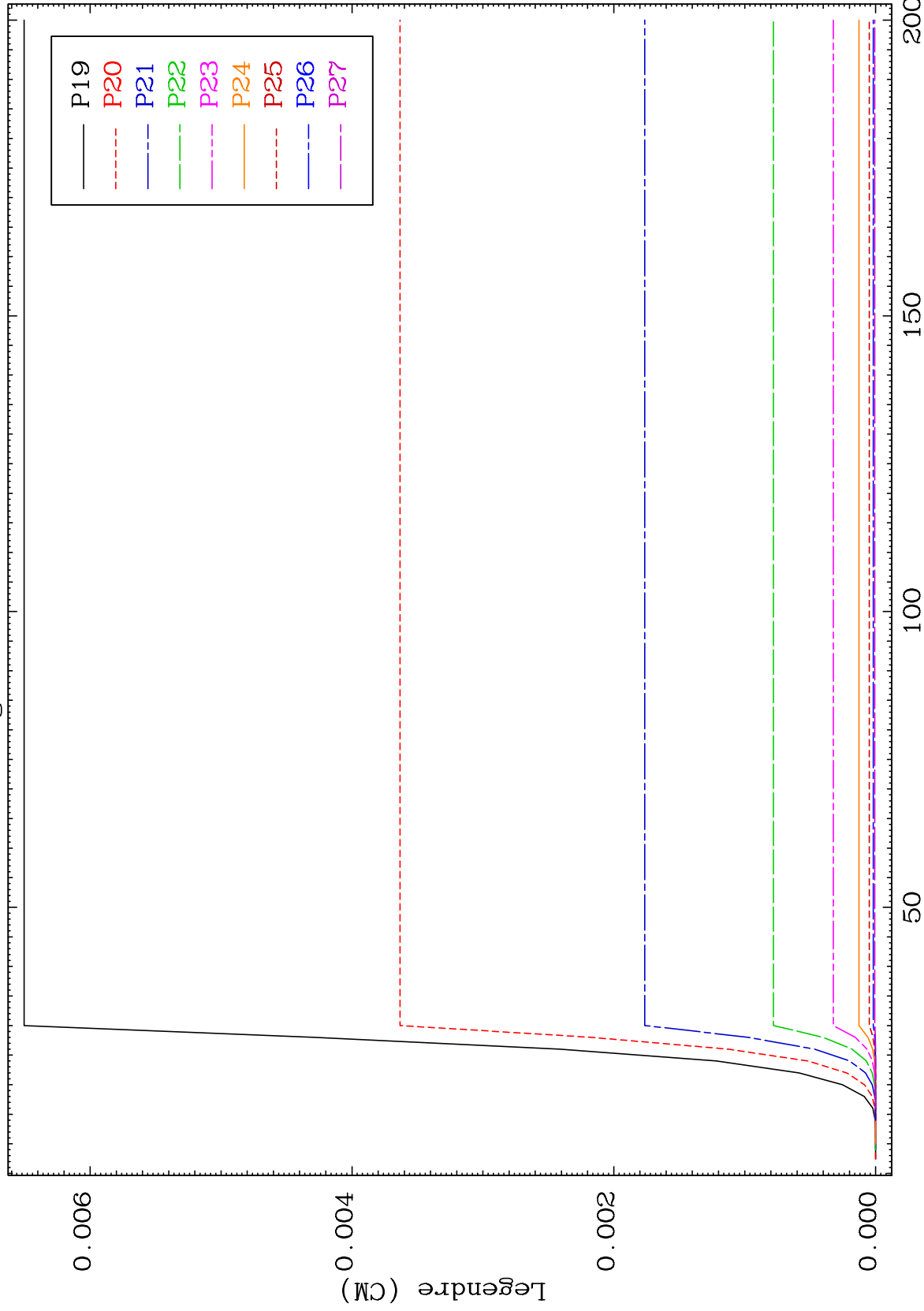


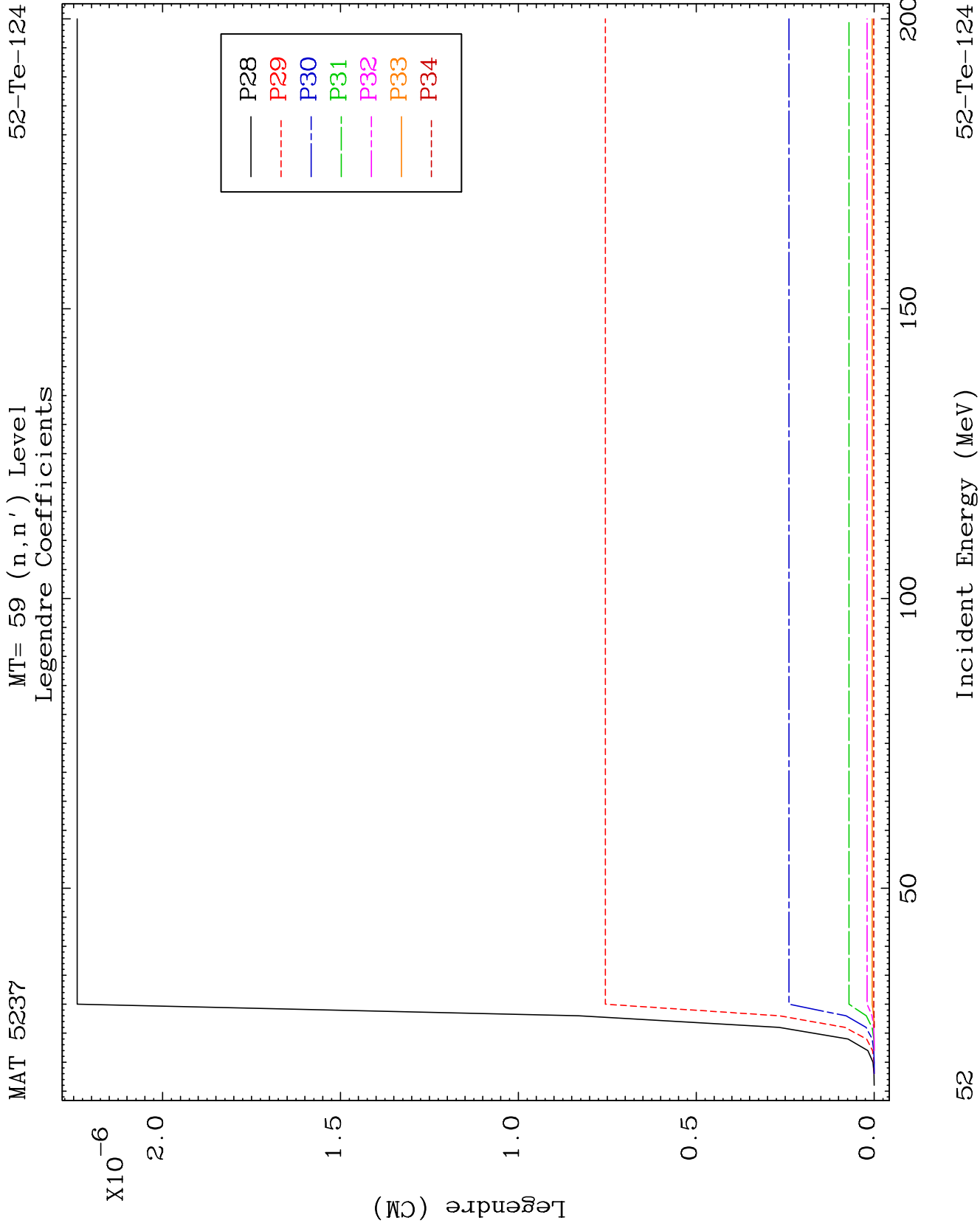






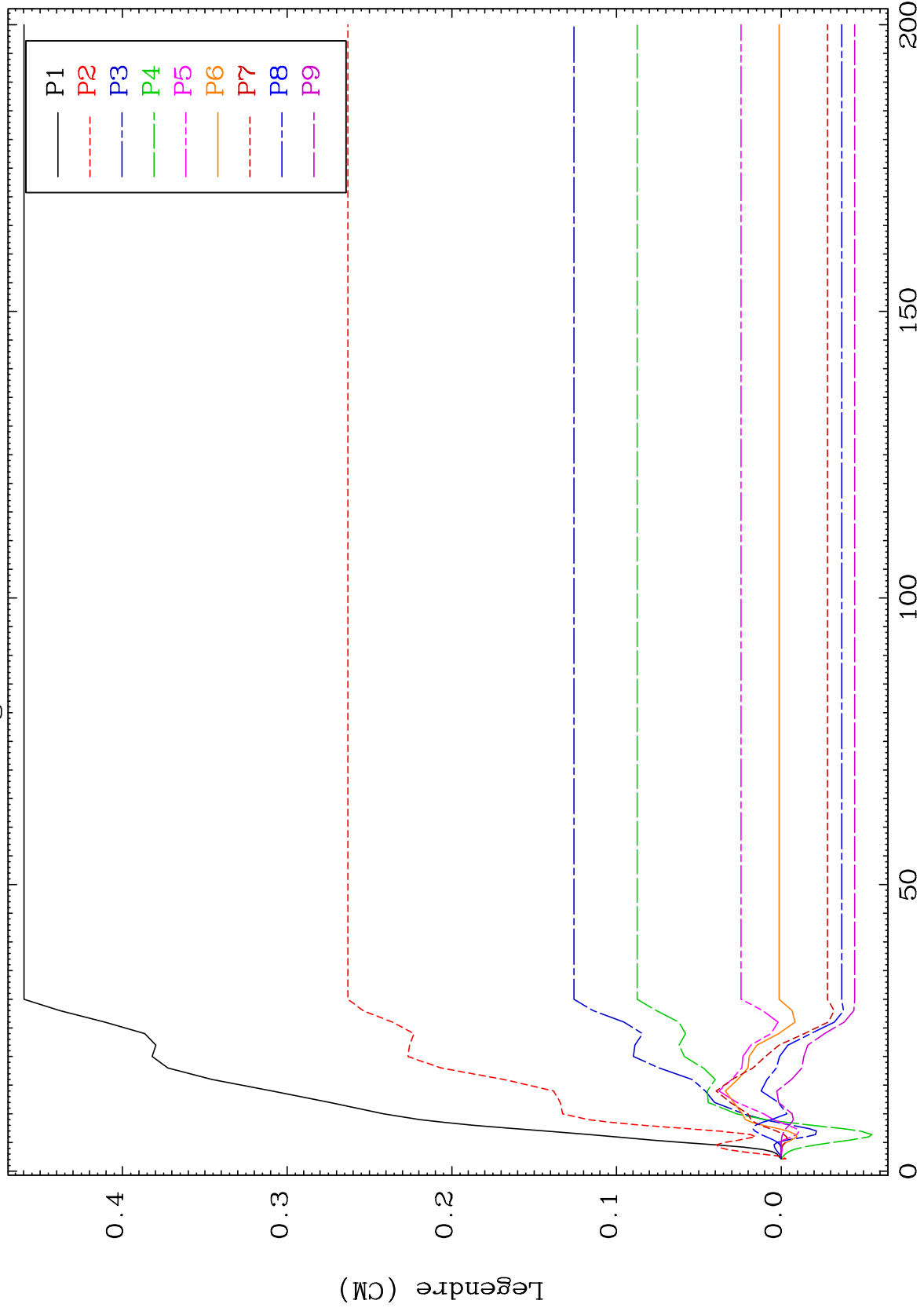






MAT 5237

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

 $^{52}\text{Te}-124$ 

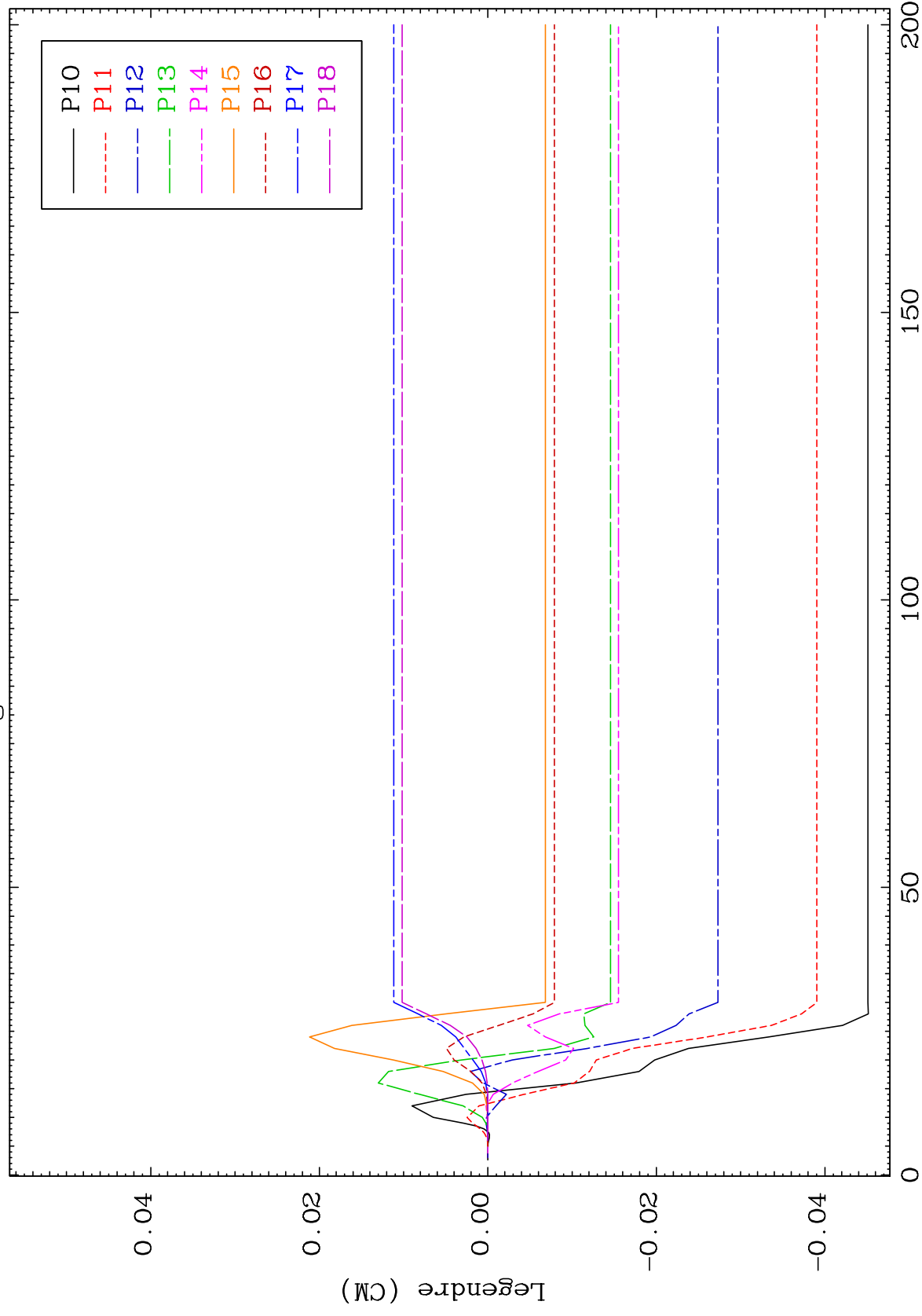
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Incident Energy (MeV)

 $^{52}\text{Te}-124$

MAT 5237

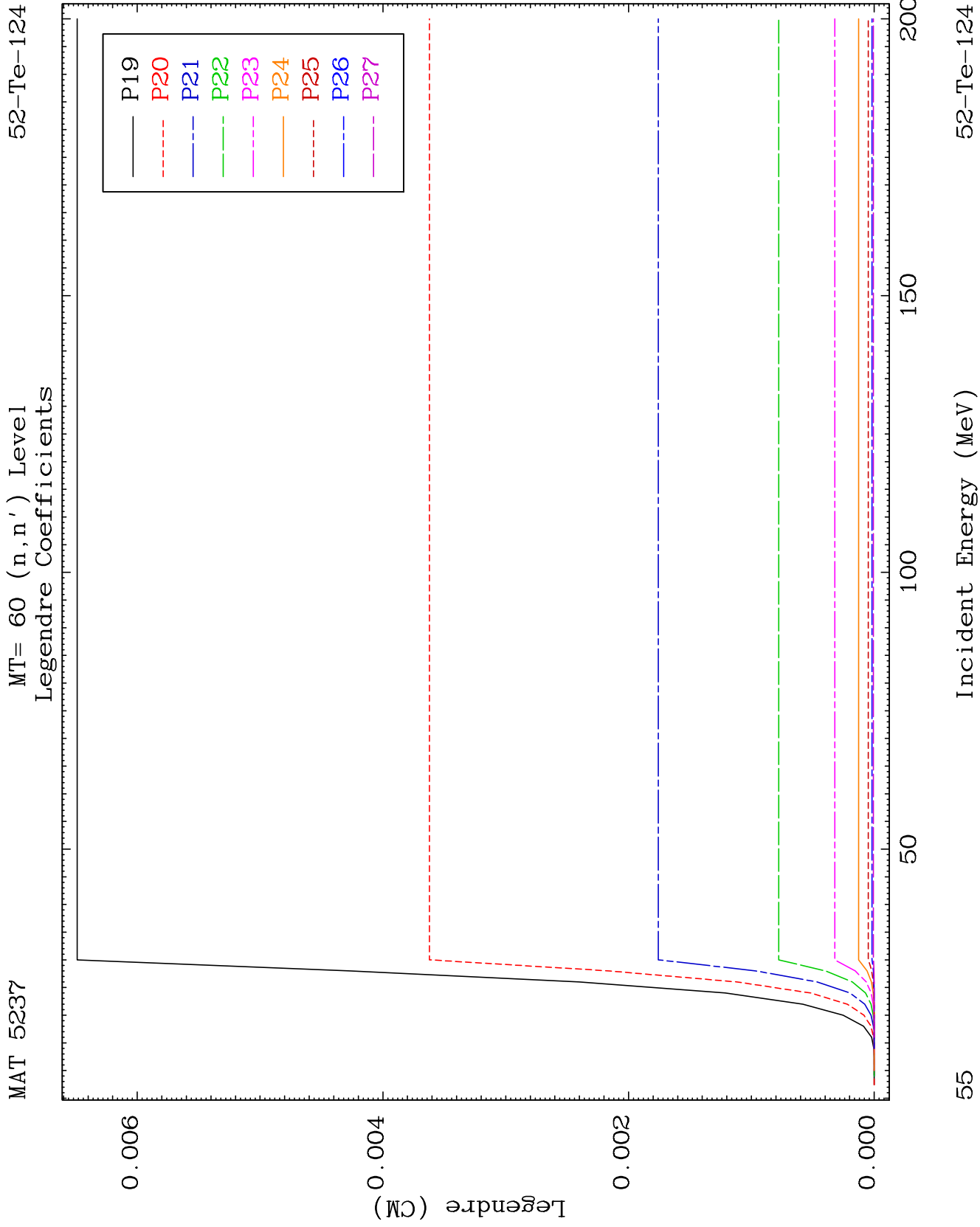
MT= 60 (n, n') Level
Legendre Coefficients

 $^{52}\text{Te}-124$ 

54

Incident Energy (MeV)

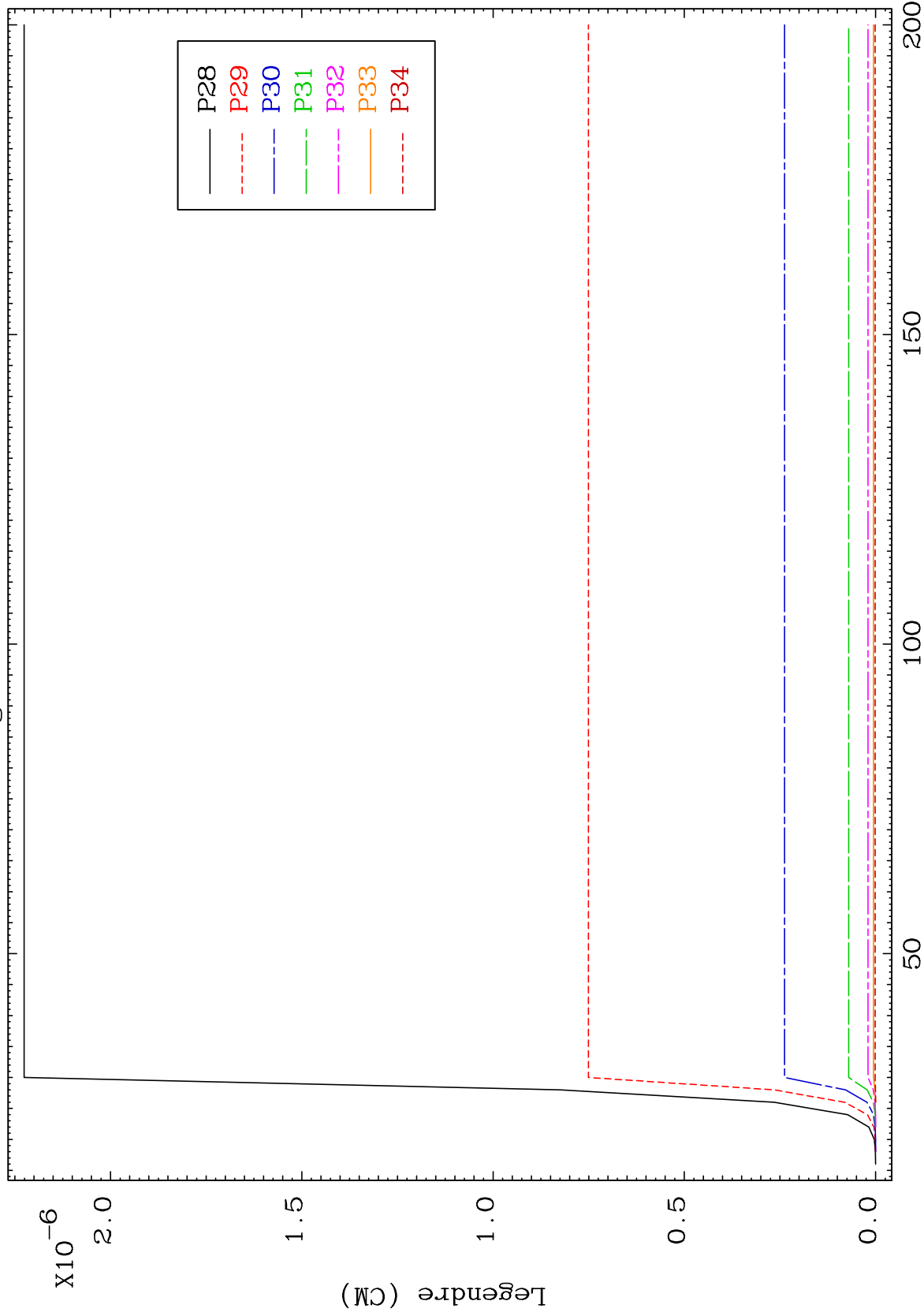
52-Te-124



MAT 5237

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

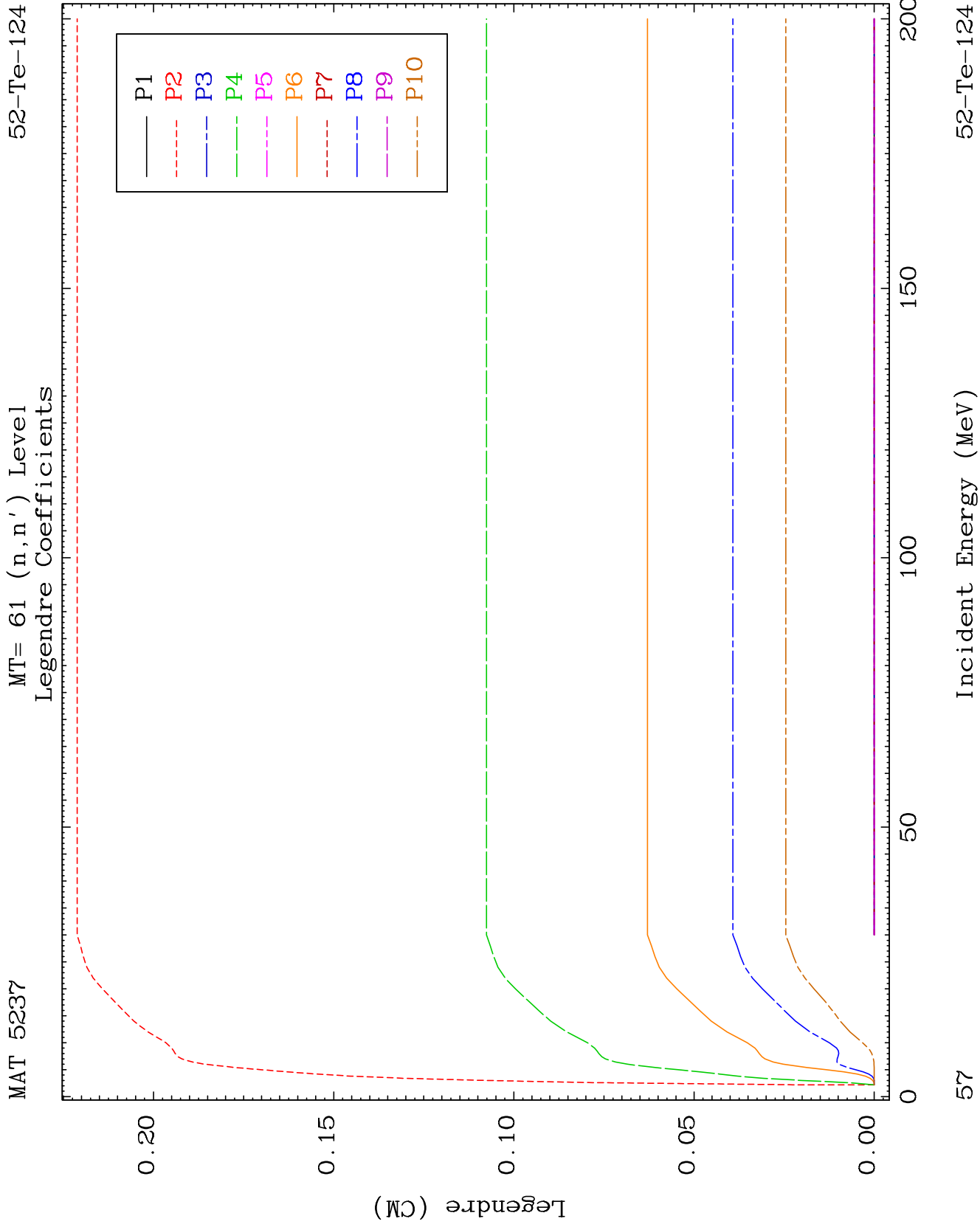
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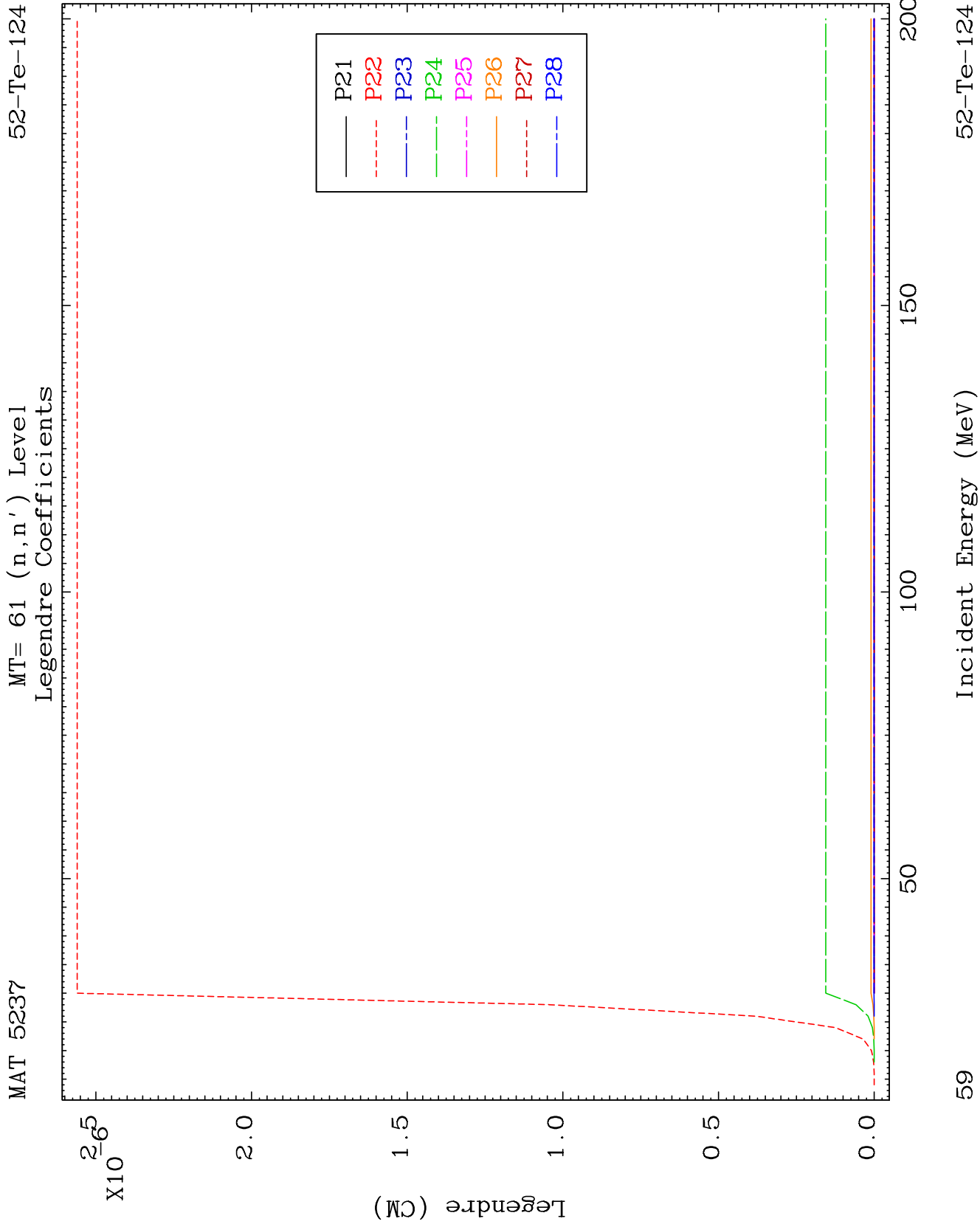


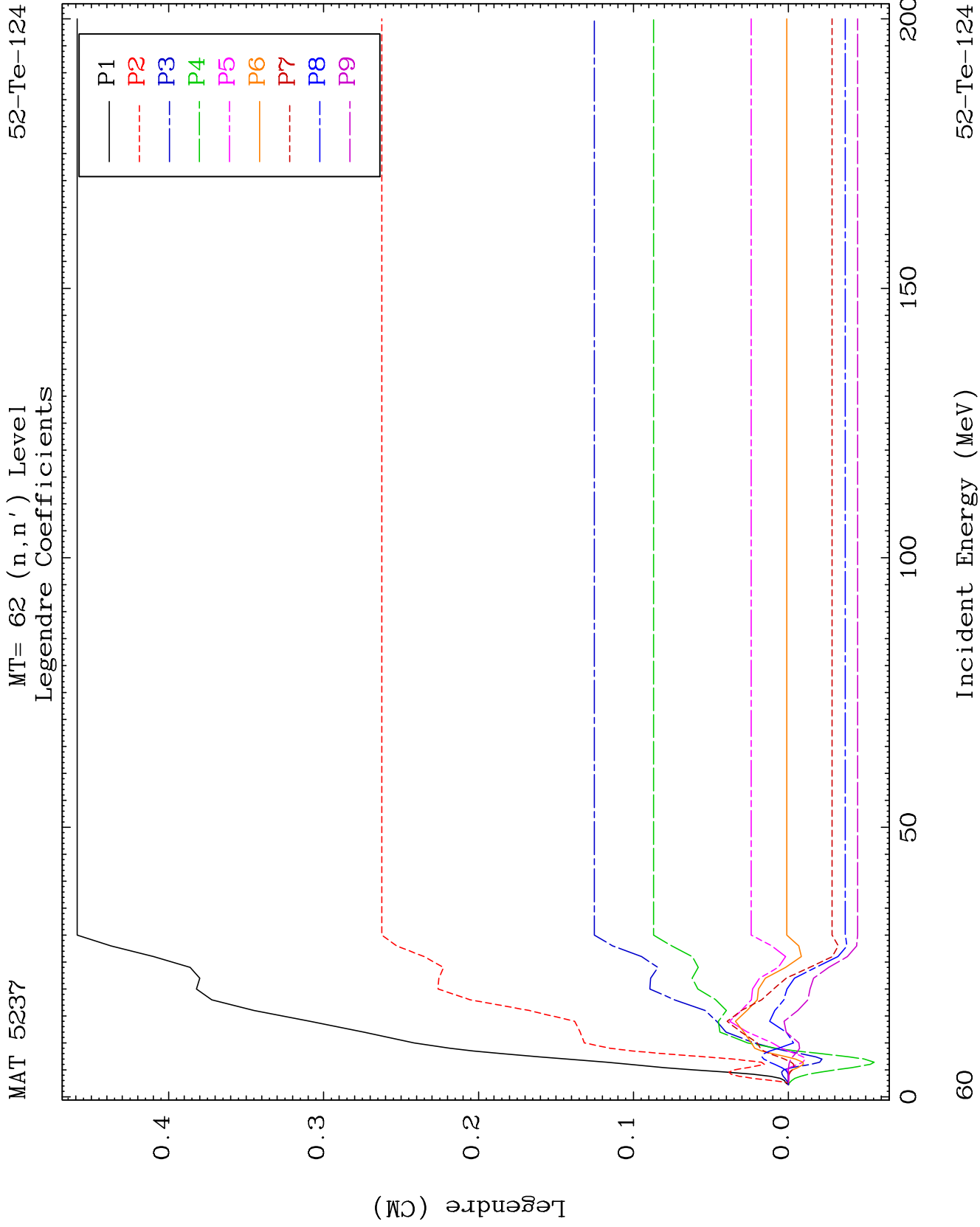
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Incident Energy (MeV)

52-Te-124

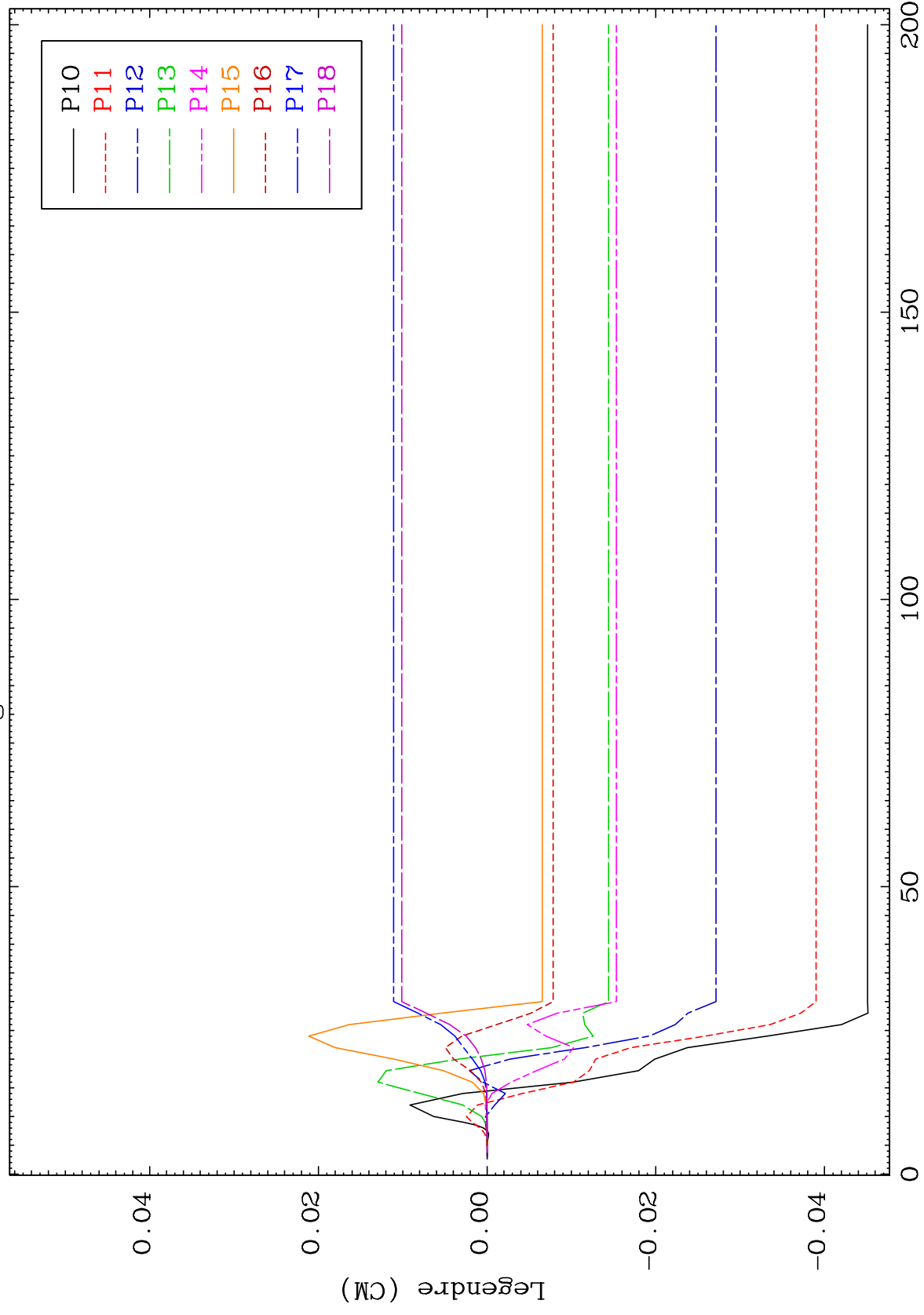






MAT 5237

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

 $^{52}\text{Te}-124$ 

61

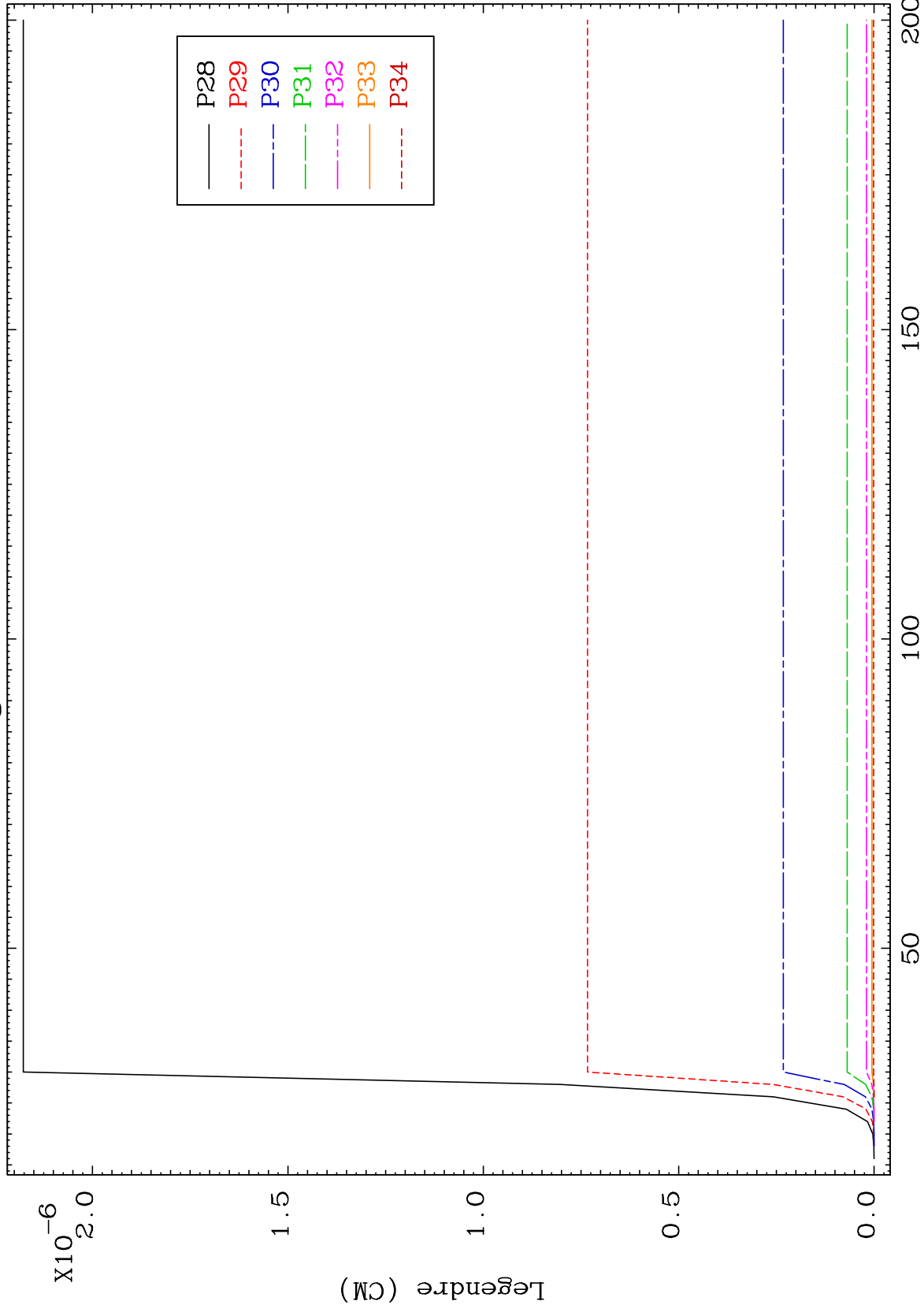
Incident Energy (MeV)

52-Te-124

MAT 5237

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

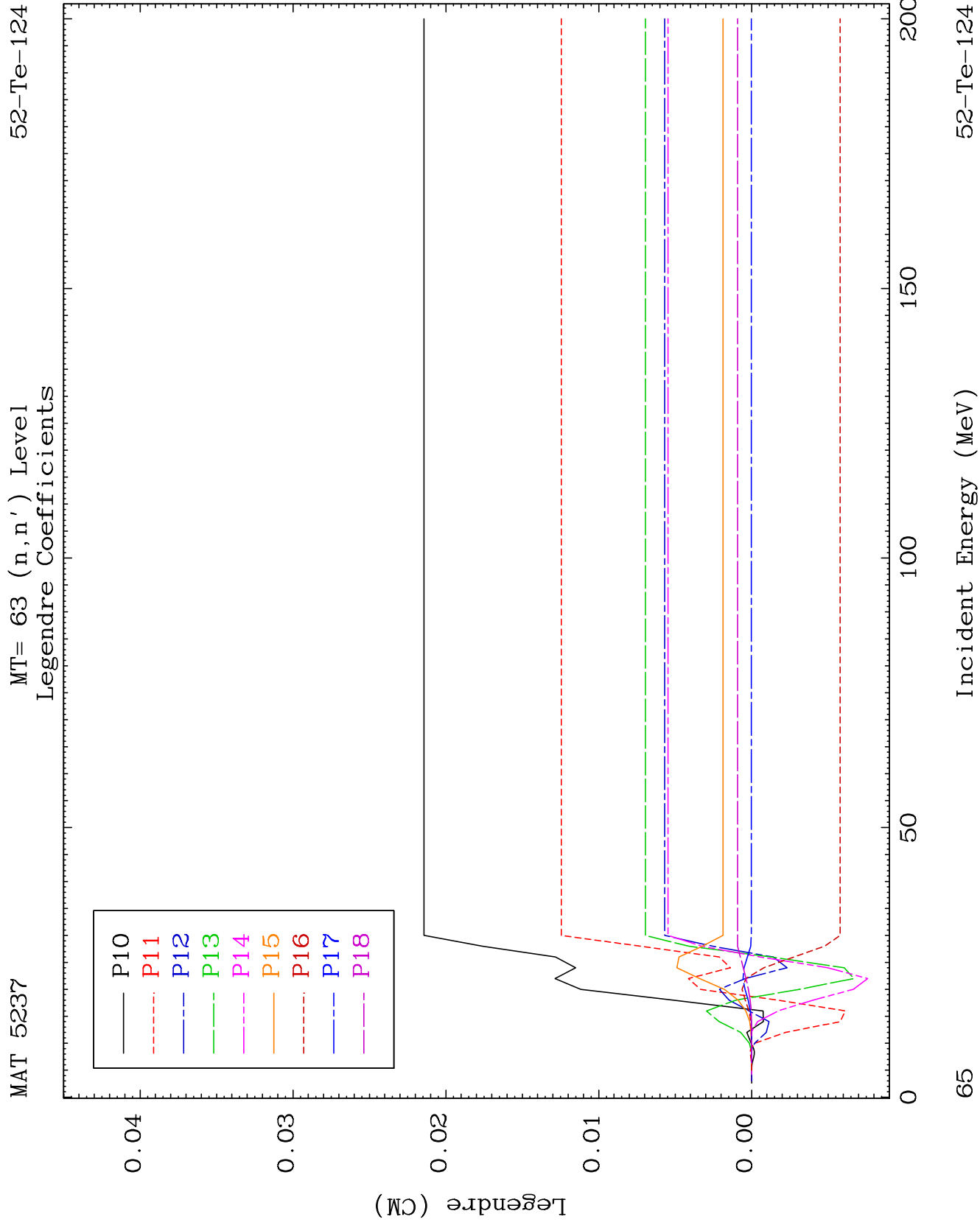
52-Te-124



63

Incident Energy (MeV)

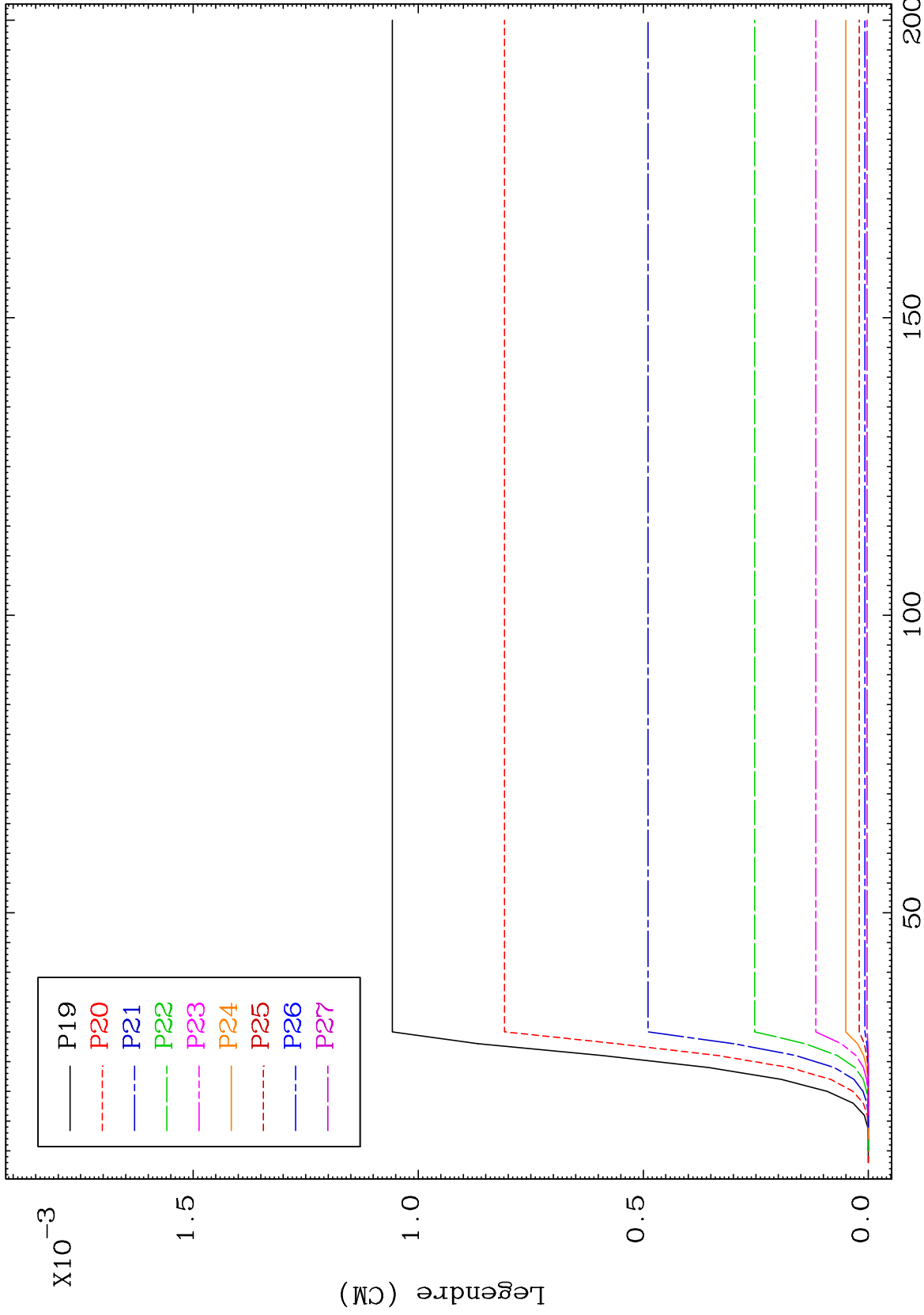
52-Te-124



MAT 5237

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

52-Te-124



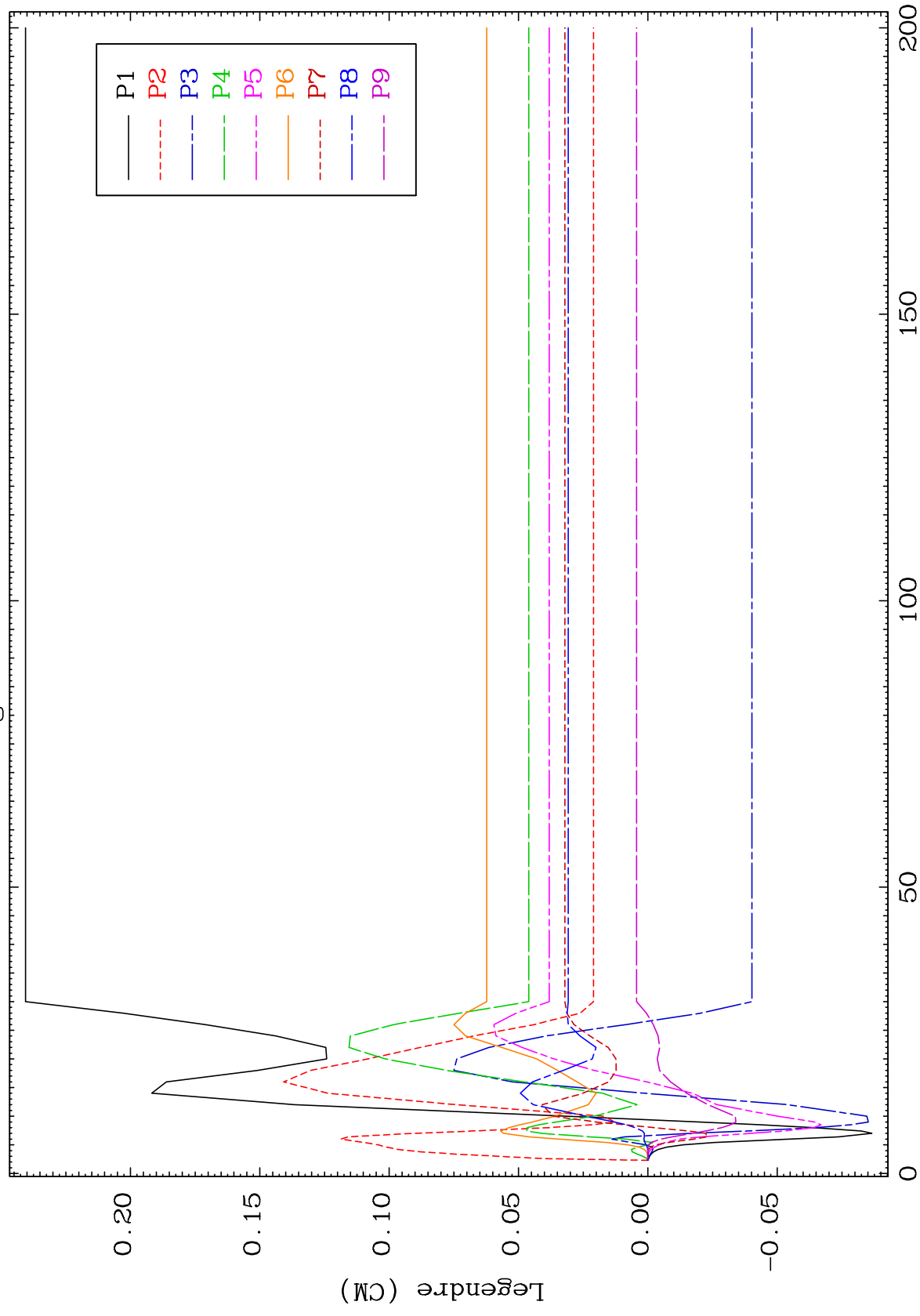
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Incident Energy (MeV)

52-Te-124

MAT 5237

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

 $^{52}\text{Te}-124$ 

39

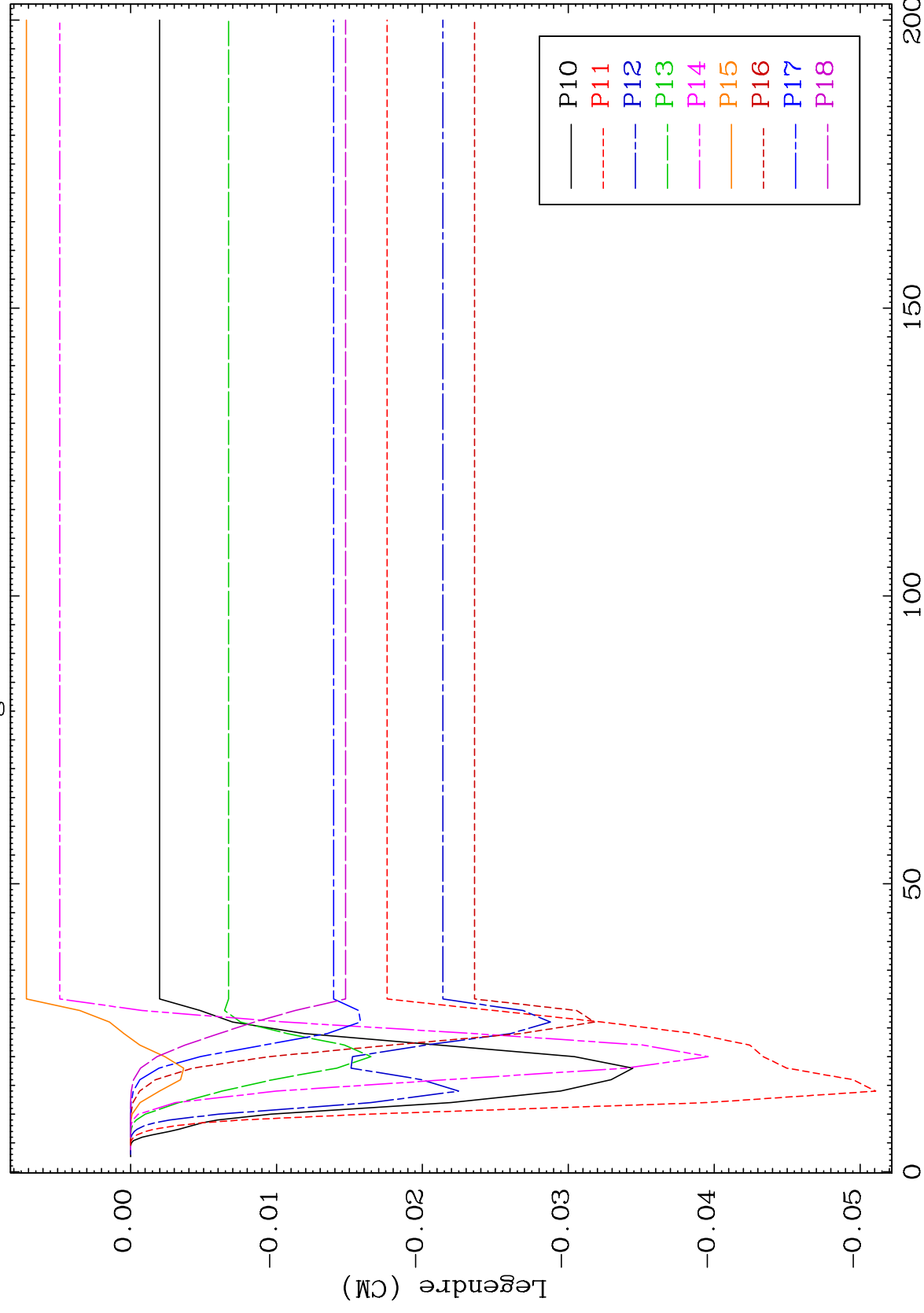
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



99

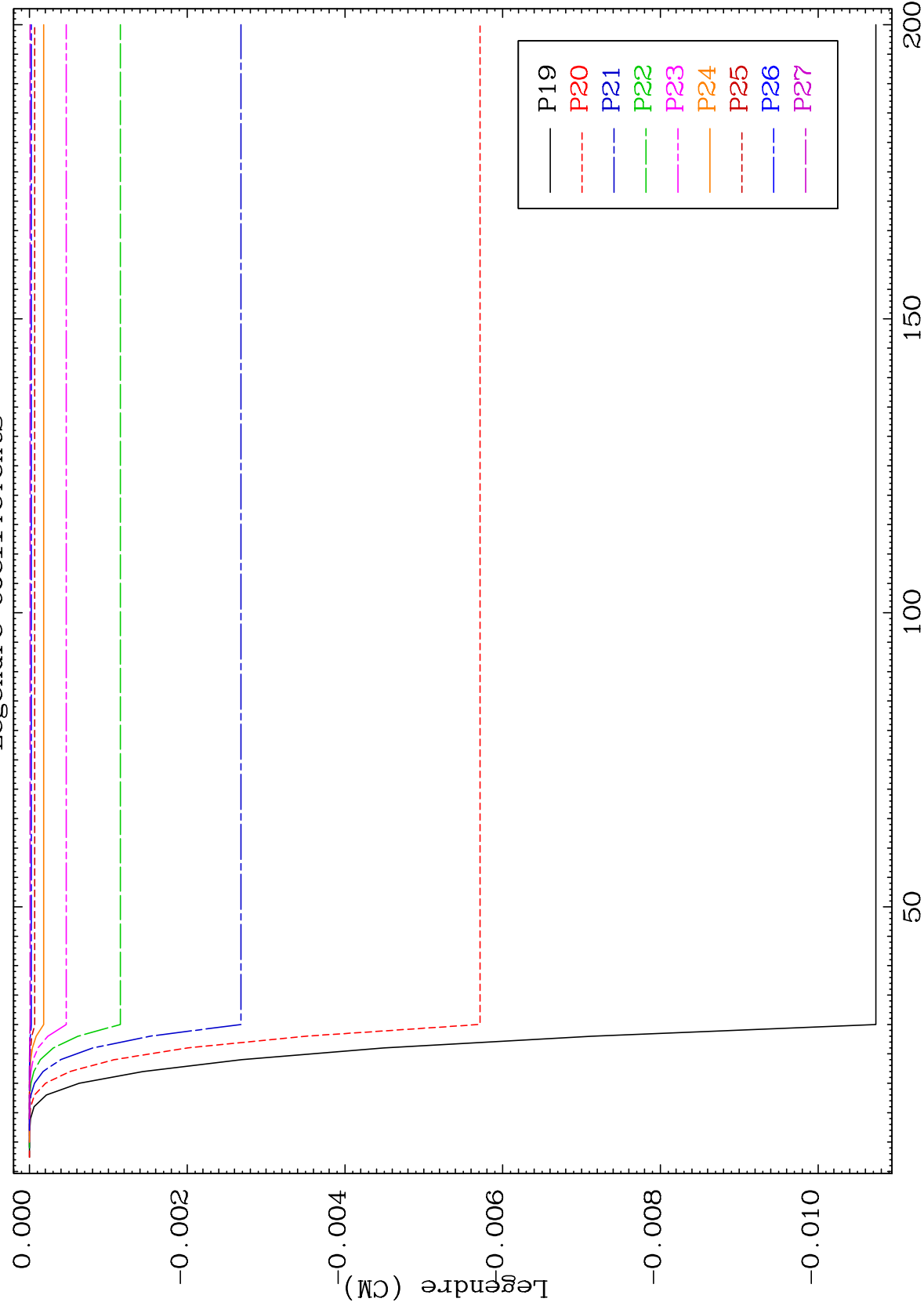
Incident Energy (MeV)

52-Te-124

MAT 5237

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

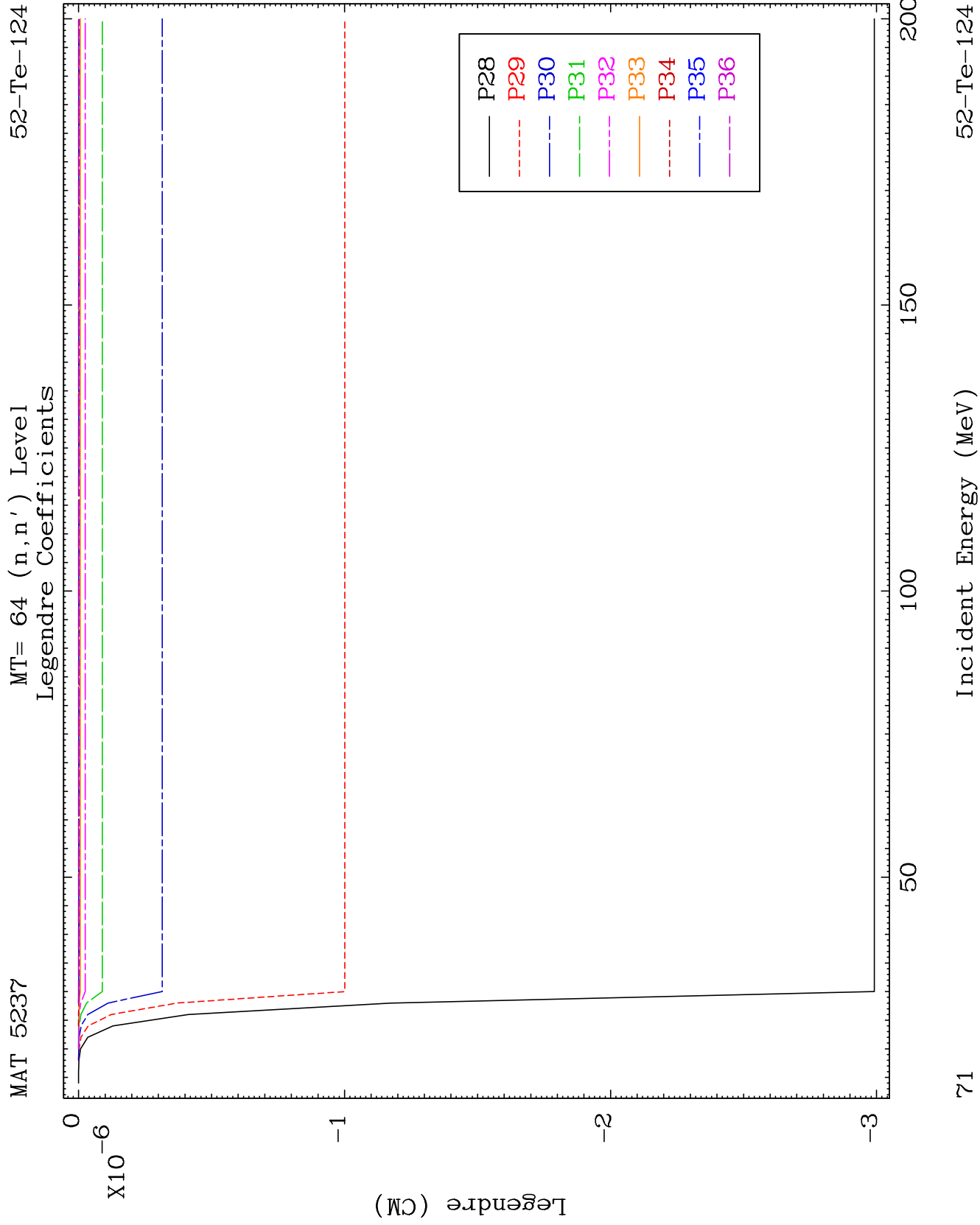
52-Te-124



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Incident Energy (MeV)

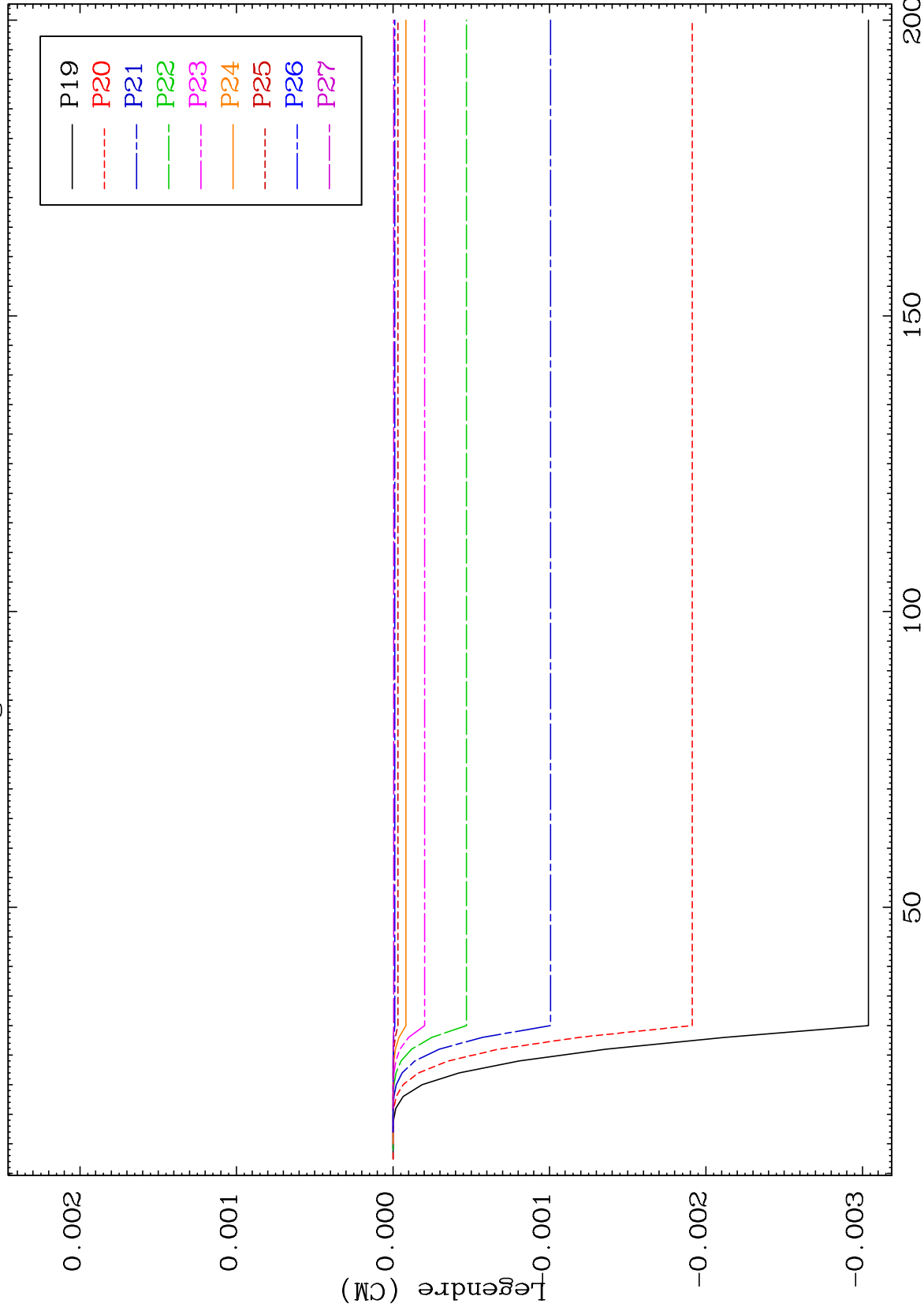
52-Te-124



MAT 5237

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

52-Te-124



74

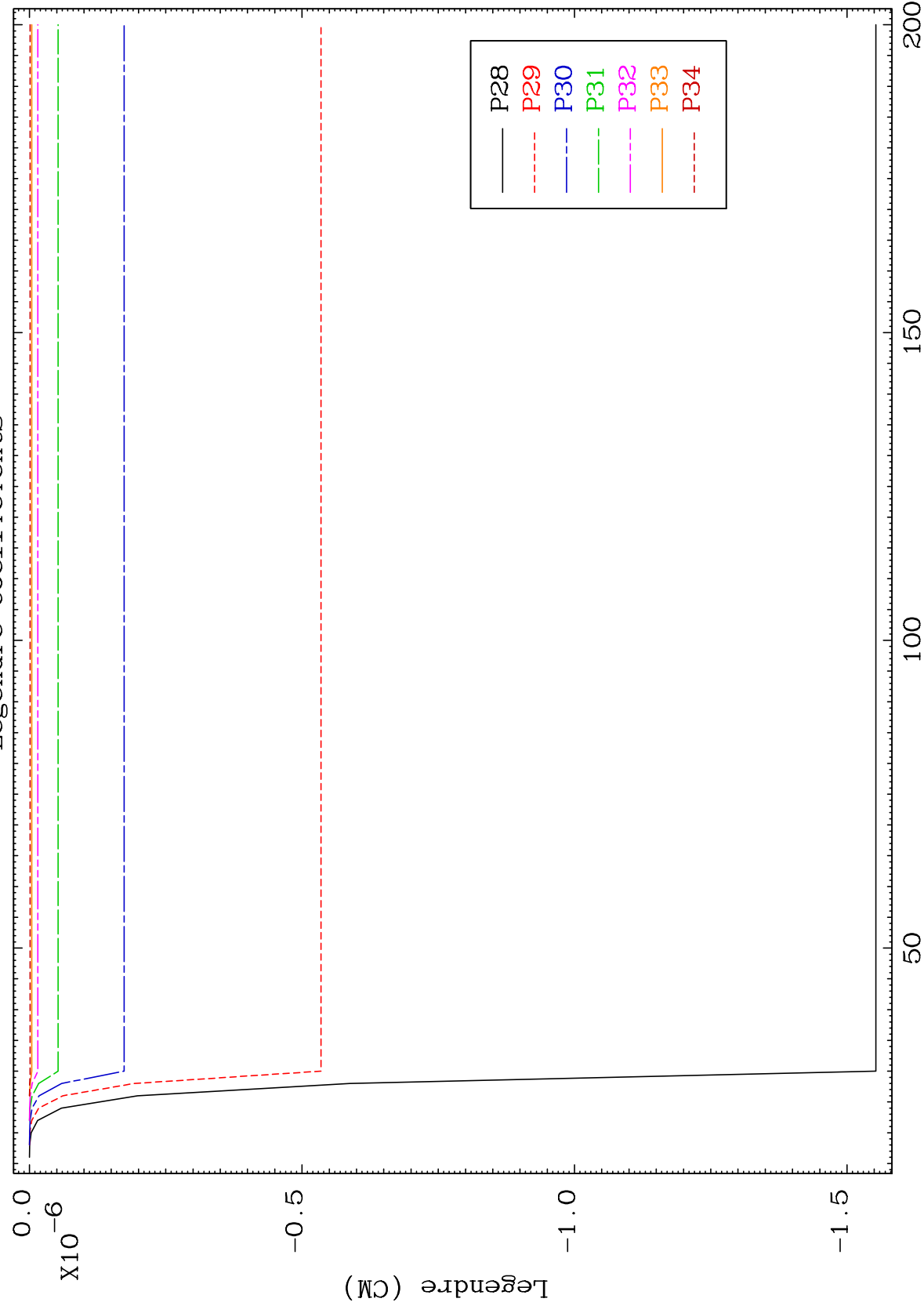
Incident Energy (MeV)

52-Te-124

MAT 5237

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

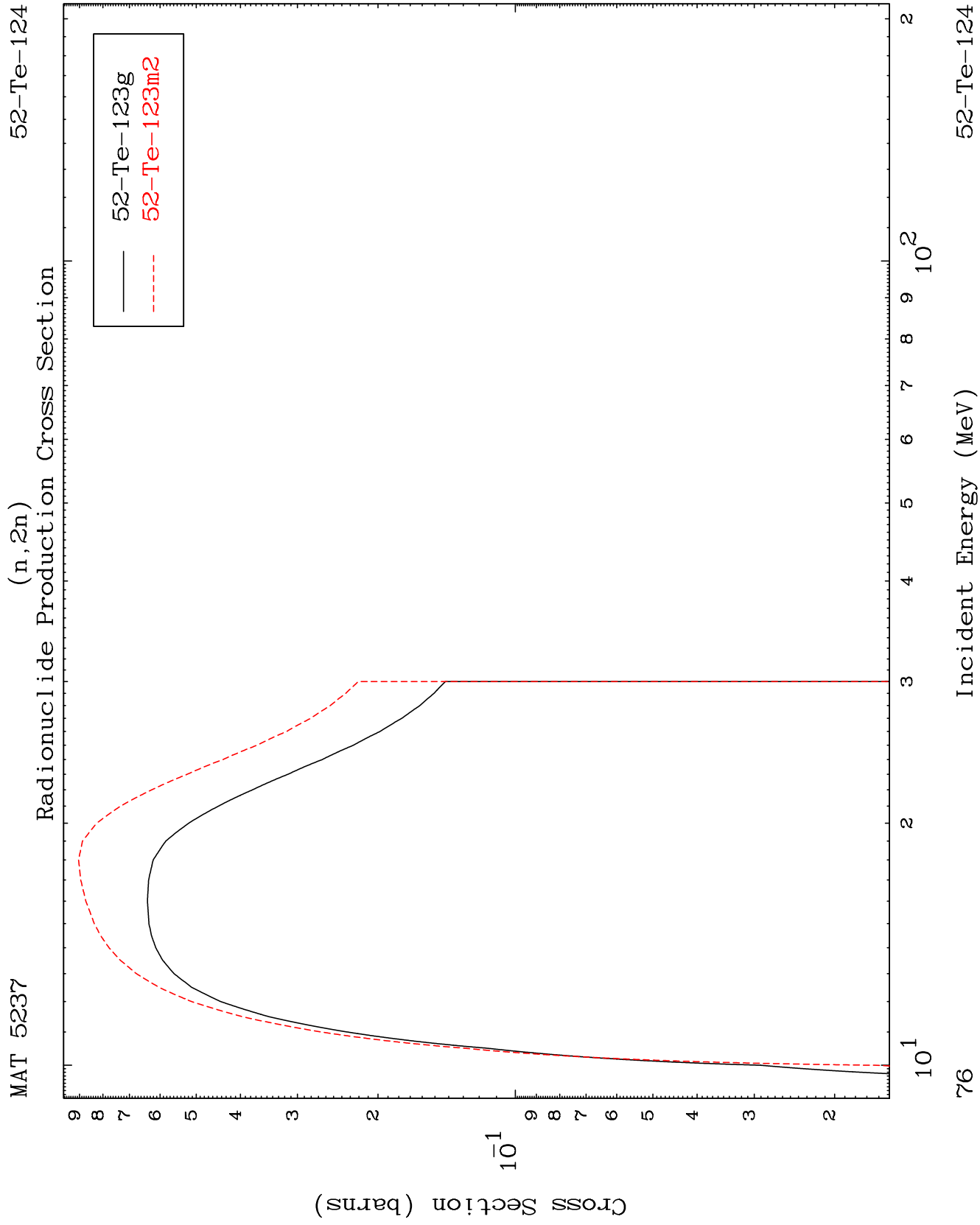
52-Te-124



52

Incident Energy (MeV)

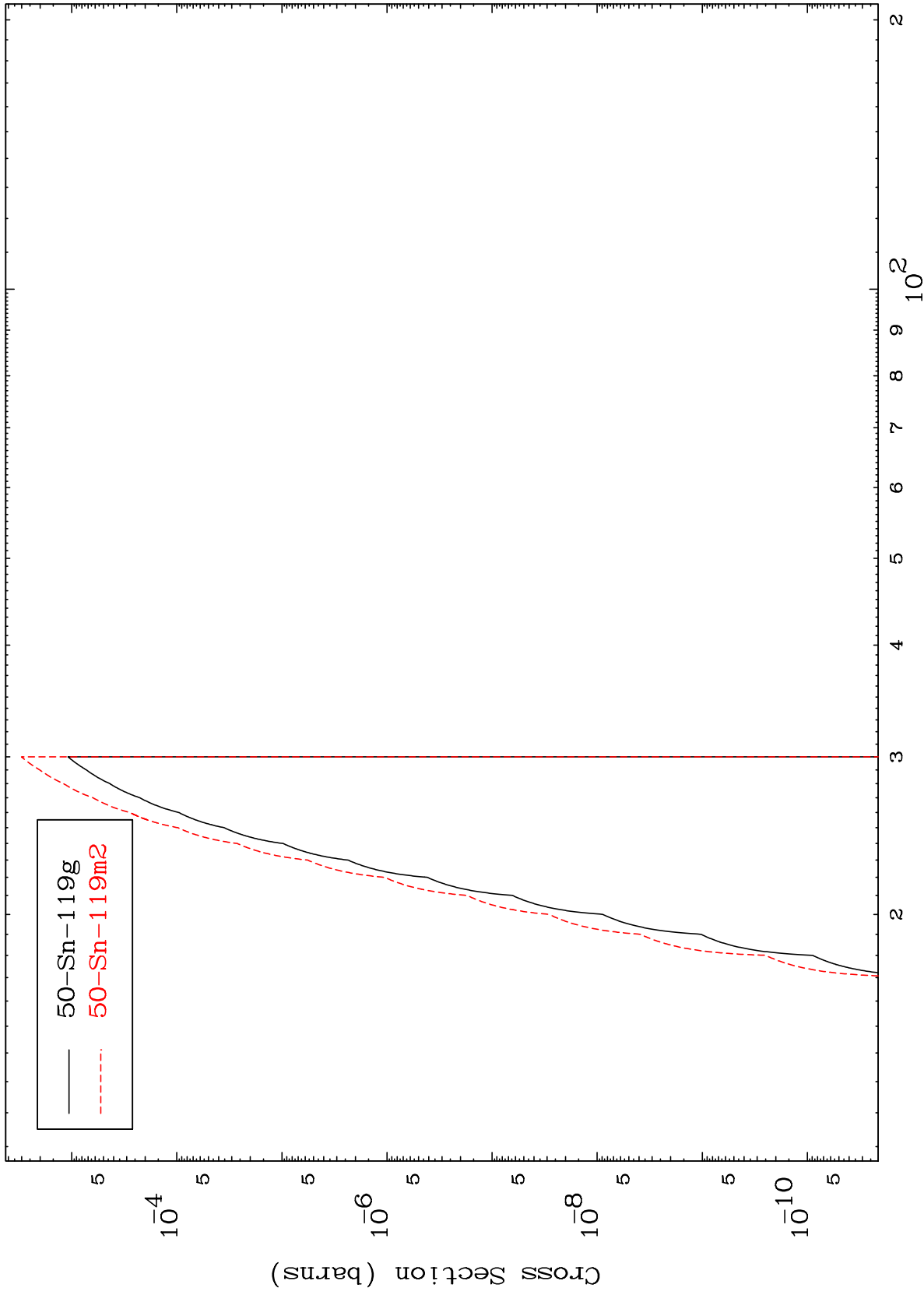
52-Te-124



MAT 5237

52-Te-124

(n,2n) α
Radionuclide Production Cross Section



77

Incident Energy (MeV)

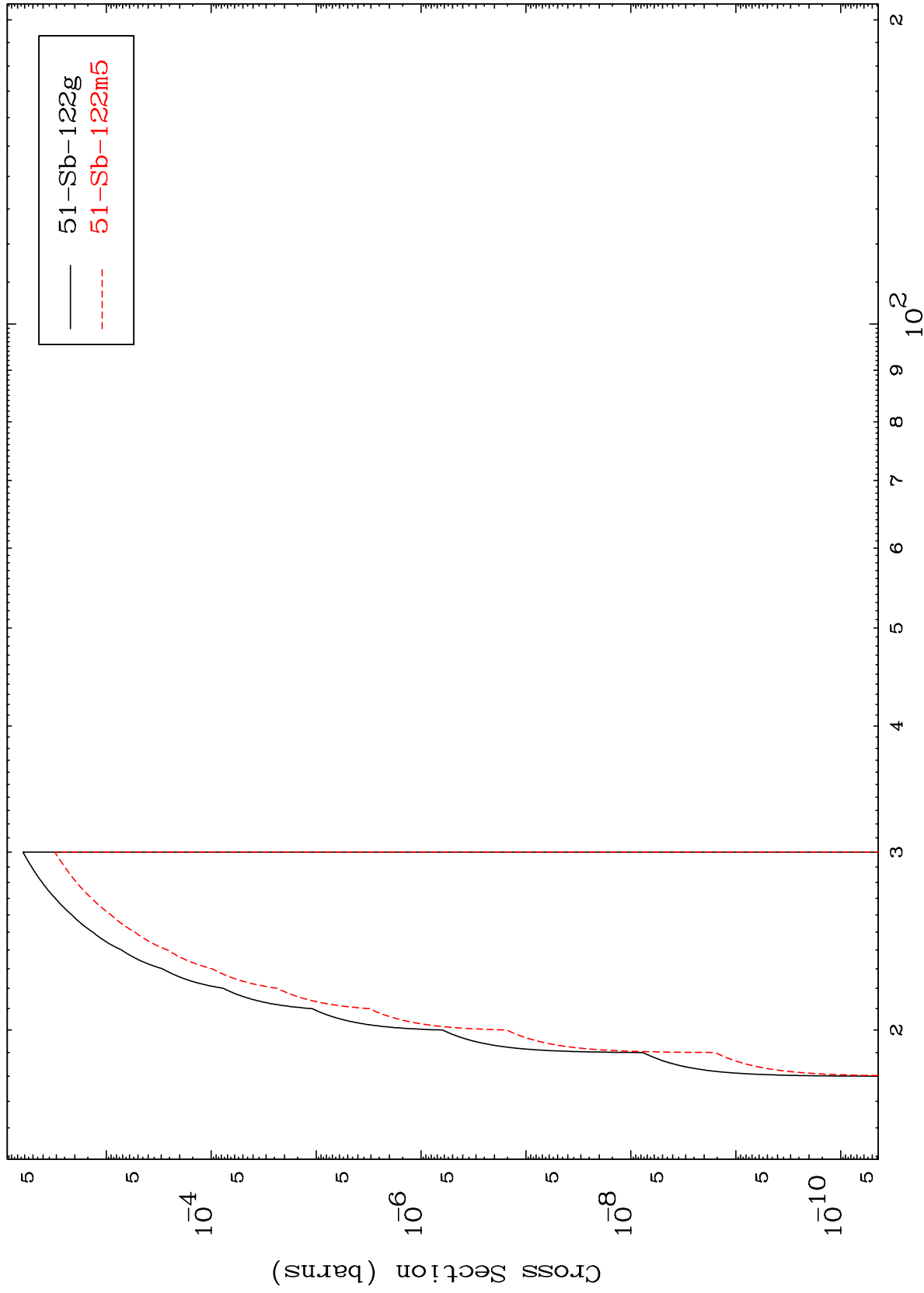
52-Te-124

MAT 5237

(n,n') d

Radionuclide Production Cross Section

52-Te-124



78

Incident Energy (MeV)

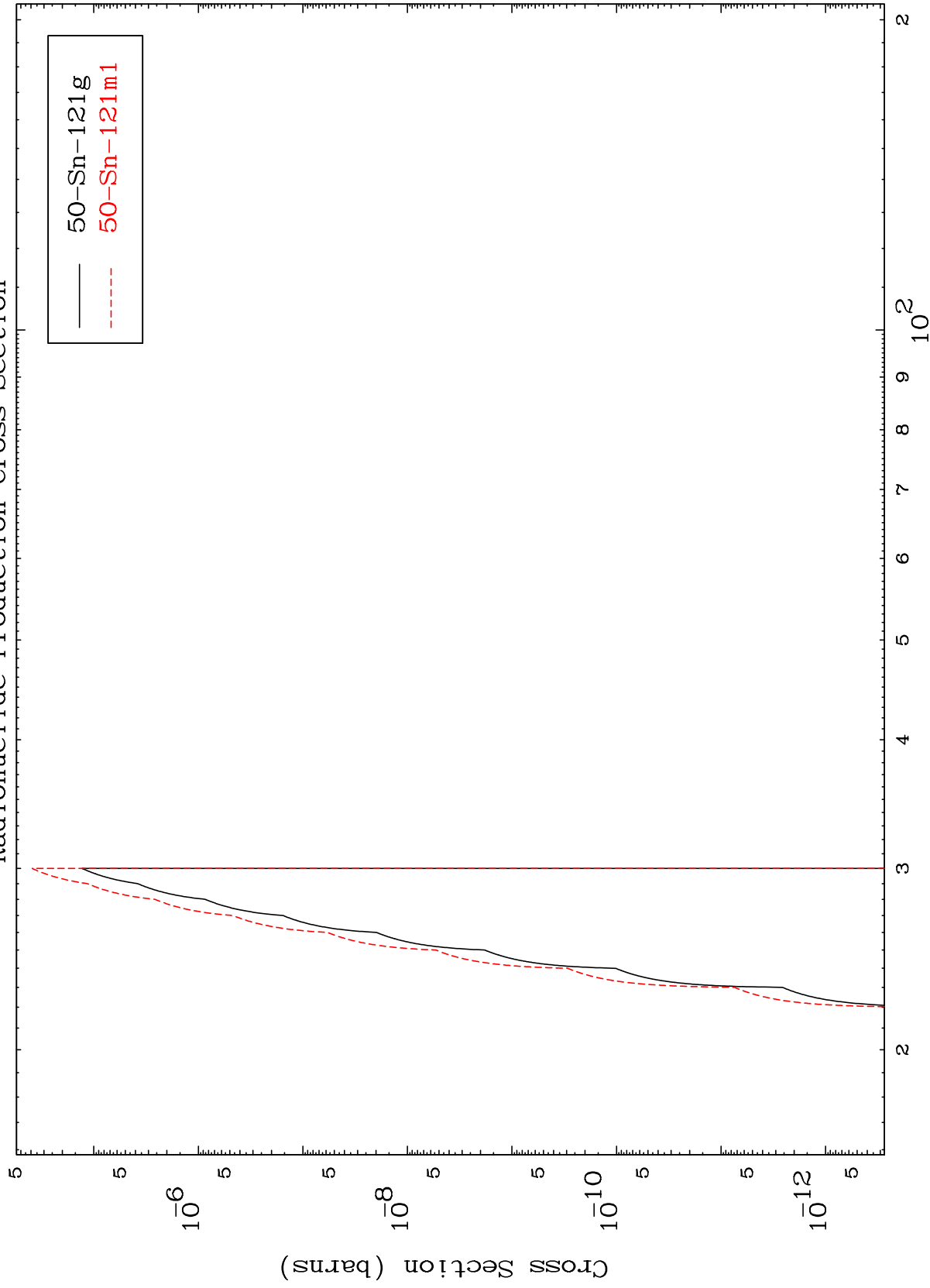
52-Te-124

MAT 5237

(n,n') He-3

52-Te-124

Radionuclide Production Cross Section



79

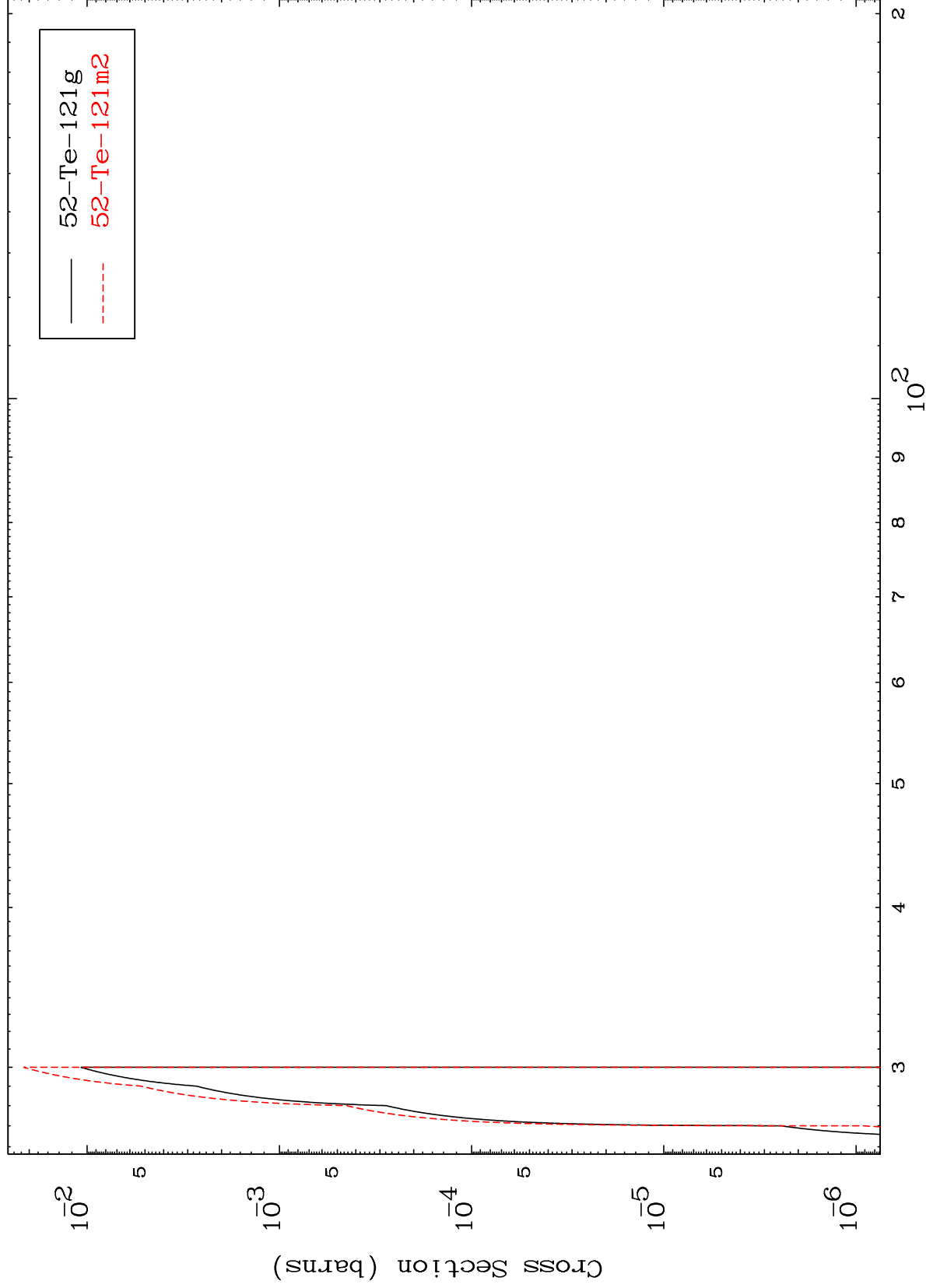
Incident Energy (MeV)

52-Te-124

MAT 5237

Radionuclide Production Cross Section
(n,4n)

52-Te-124

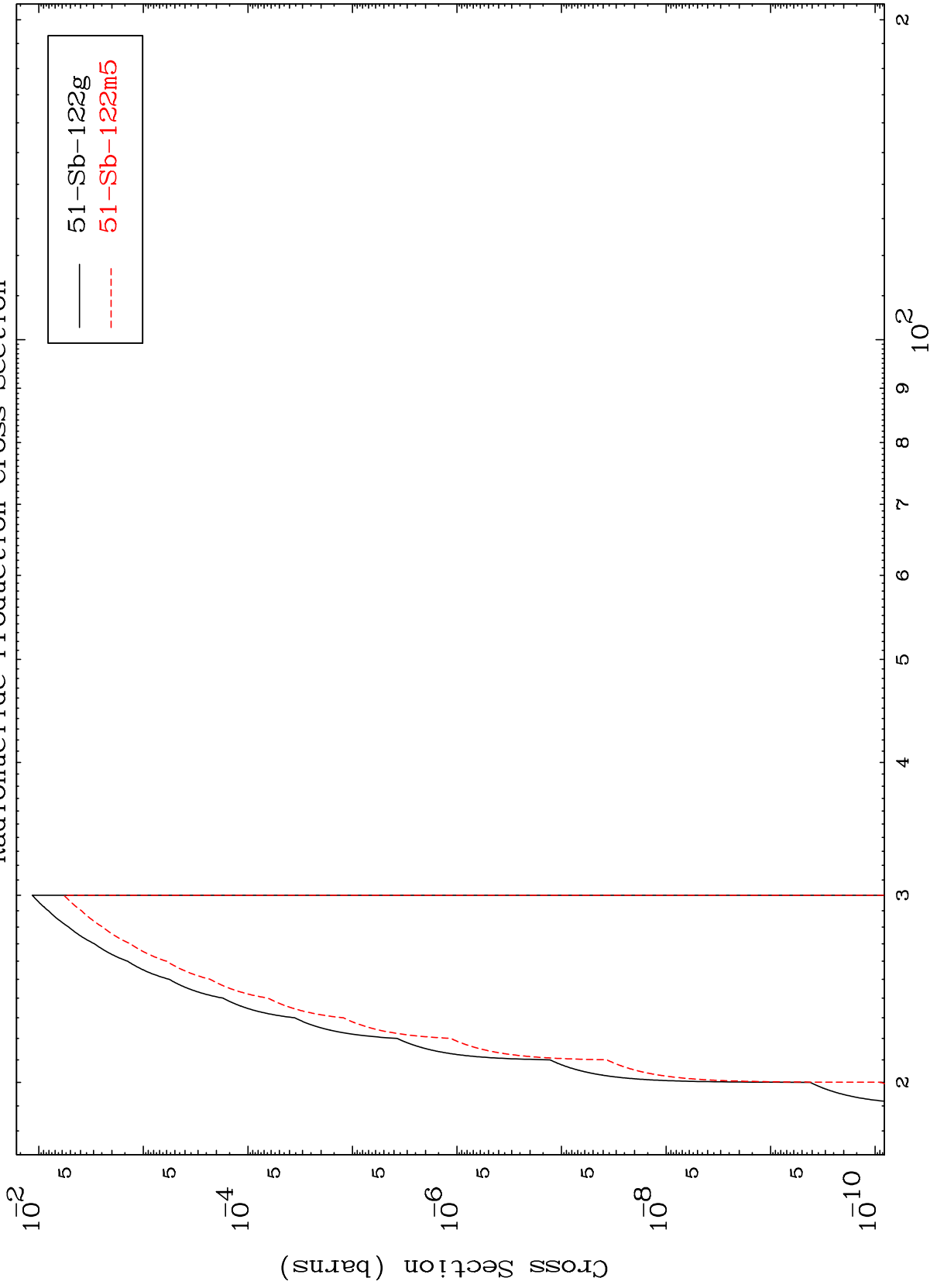


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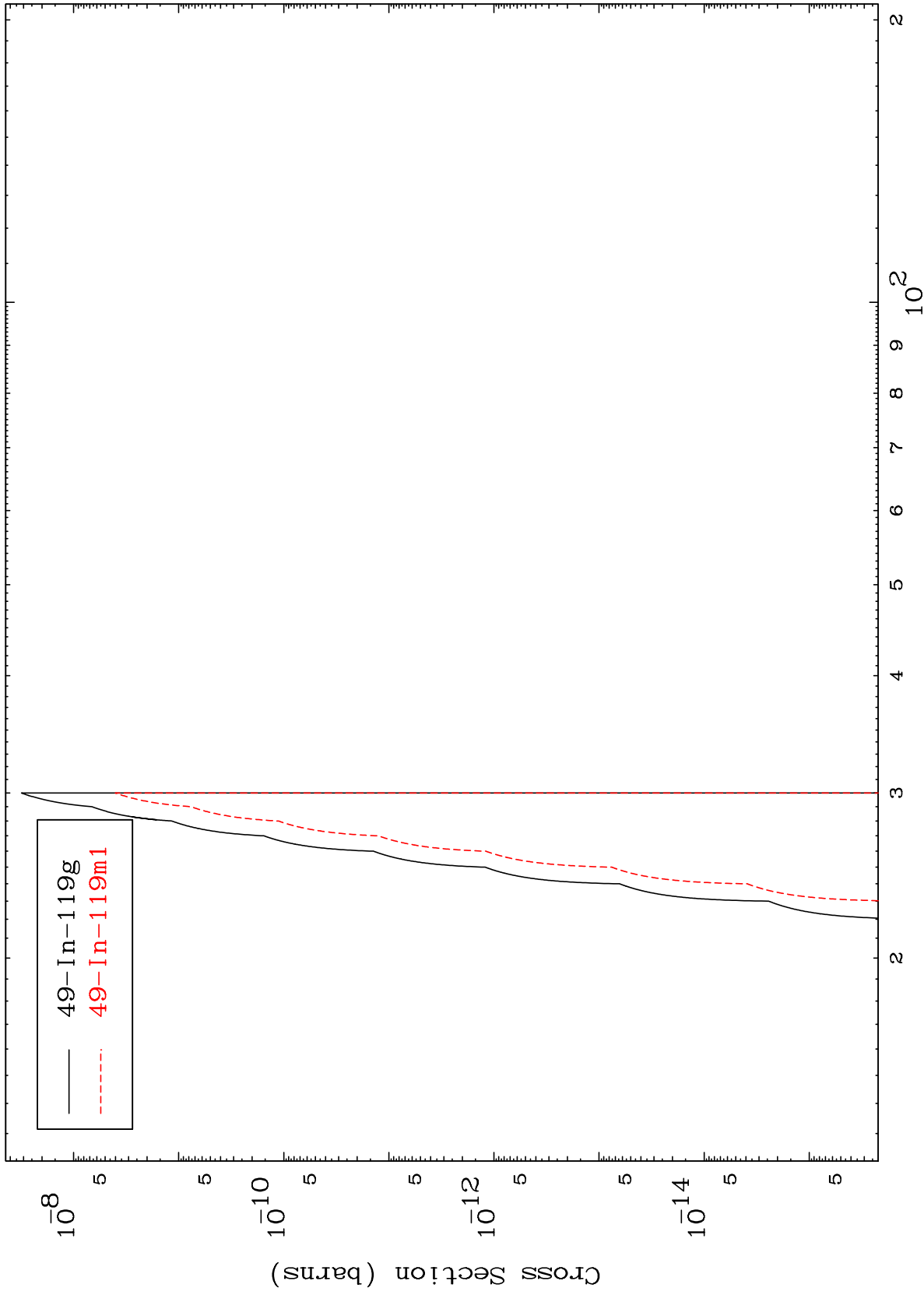
Incident Energy (MeV)

52-Te-124

(n,2n) p
Radionuclide Production Cross Section



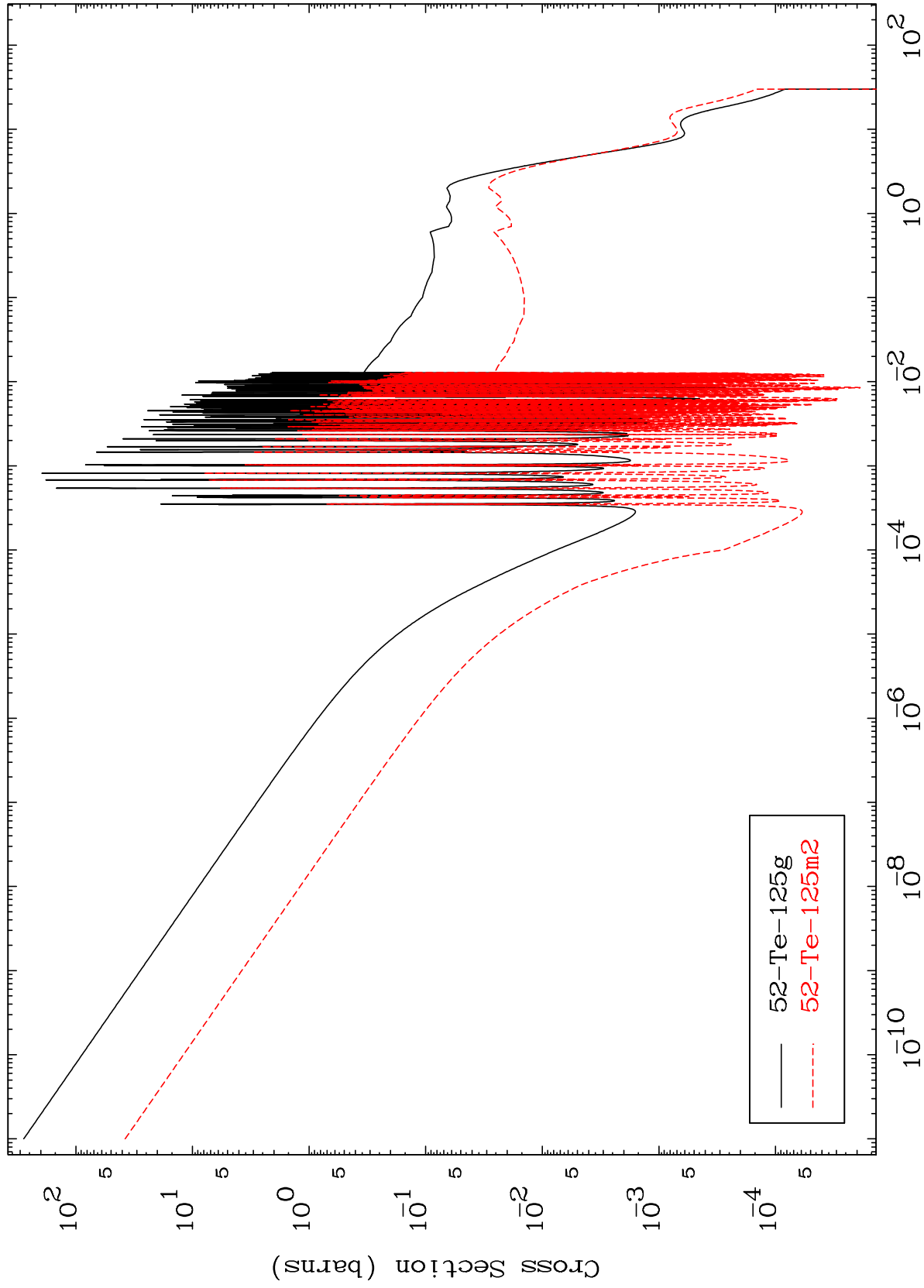
(n,n') p α
Radionuclide Production Cross Section



MAT 5237

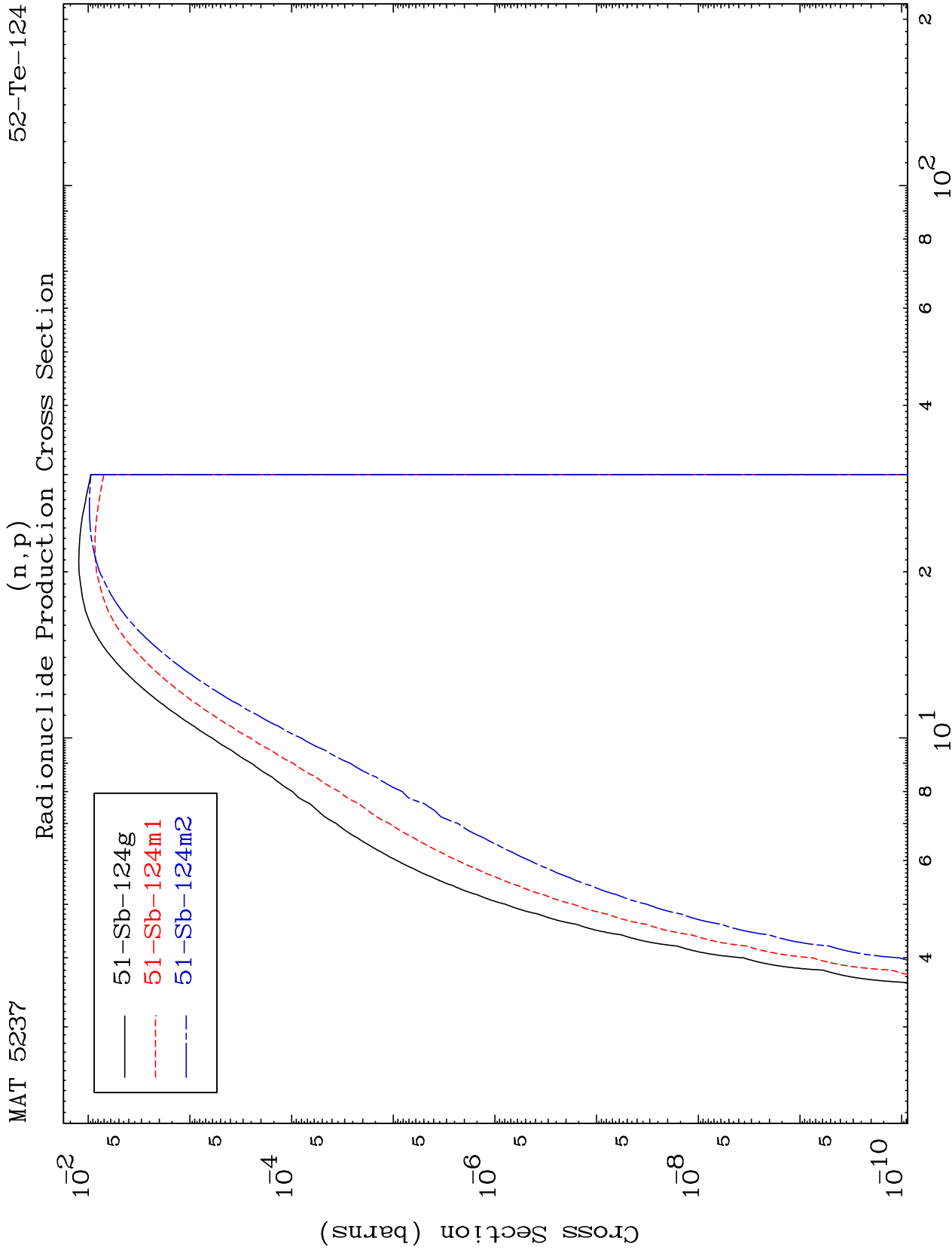
52-Te-124

Radionuclide Production Cross Section
(n, γ)



83

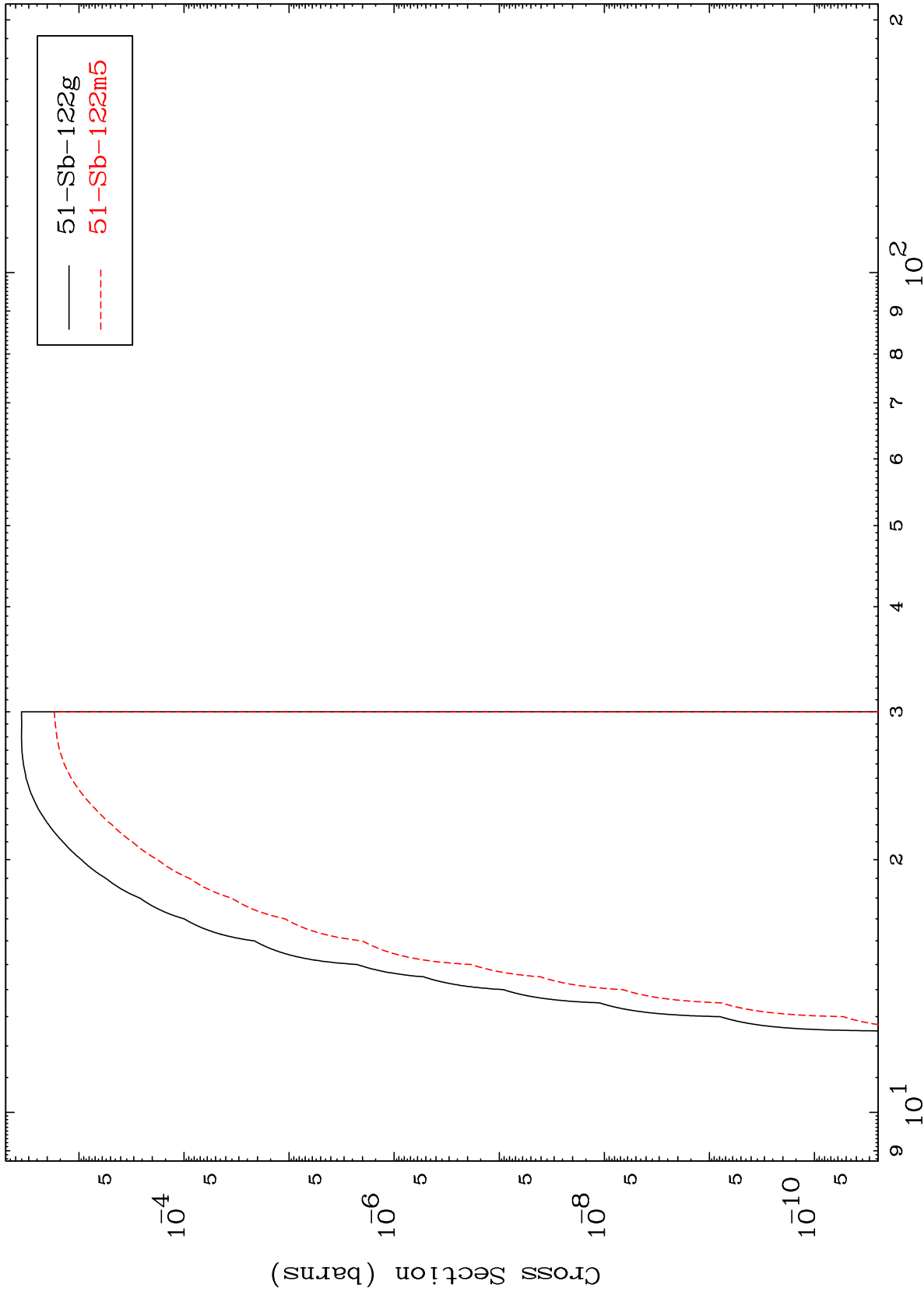
52-Te-124



MAT 5237

52-Te-124

(n,t)
Radionuclide Production Cross Section



85

Incident Energy (MeV)

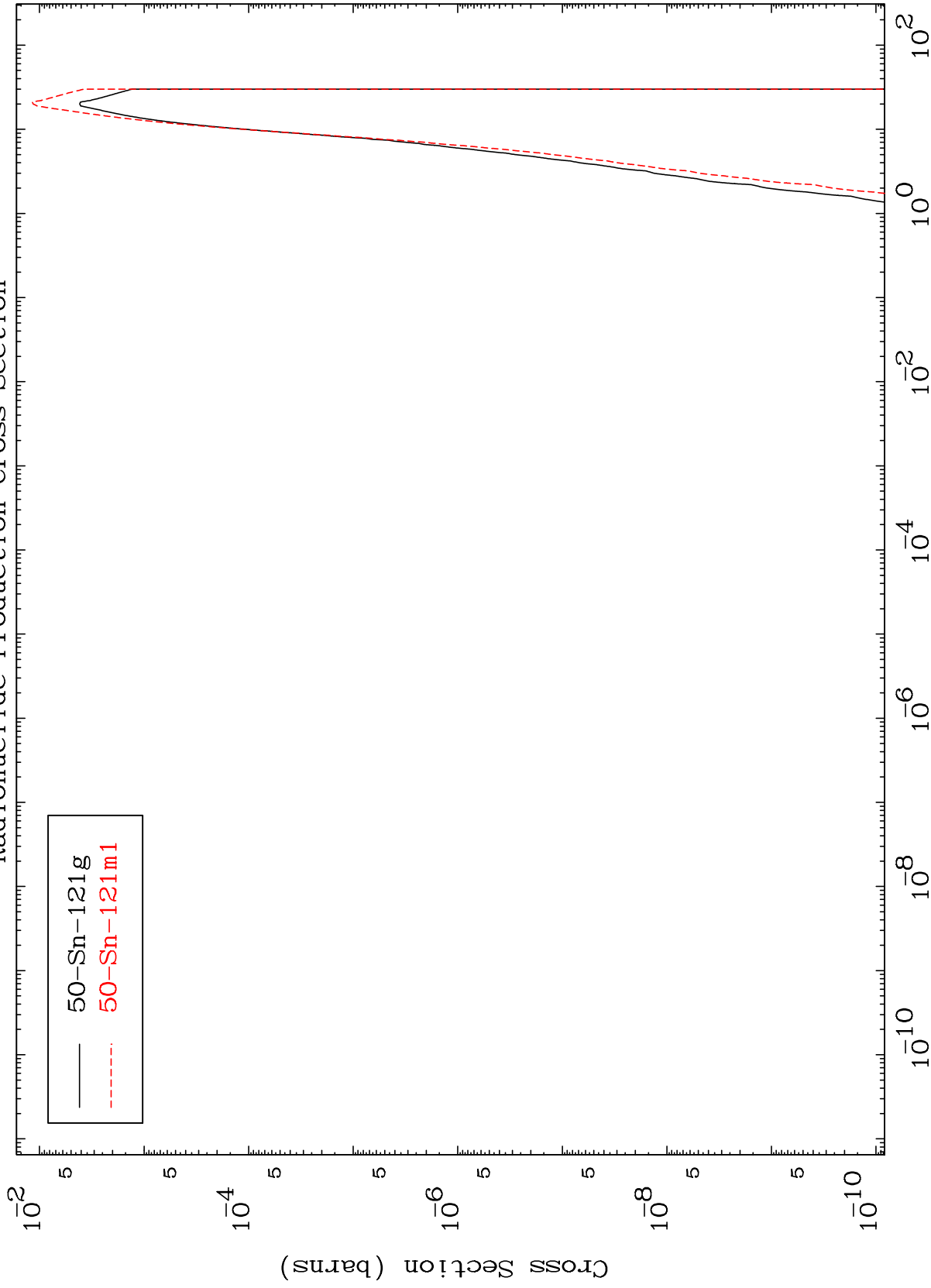
52-Te-124

MAT 5237

(n,α)

52-Te-124

Radionuclide Production Cross Section



86

Incident Energy (MeV)

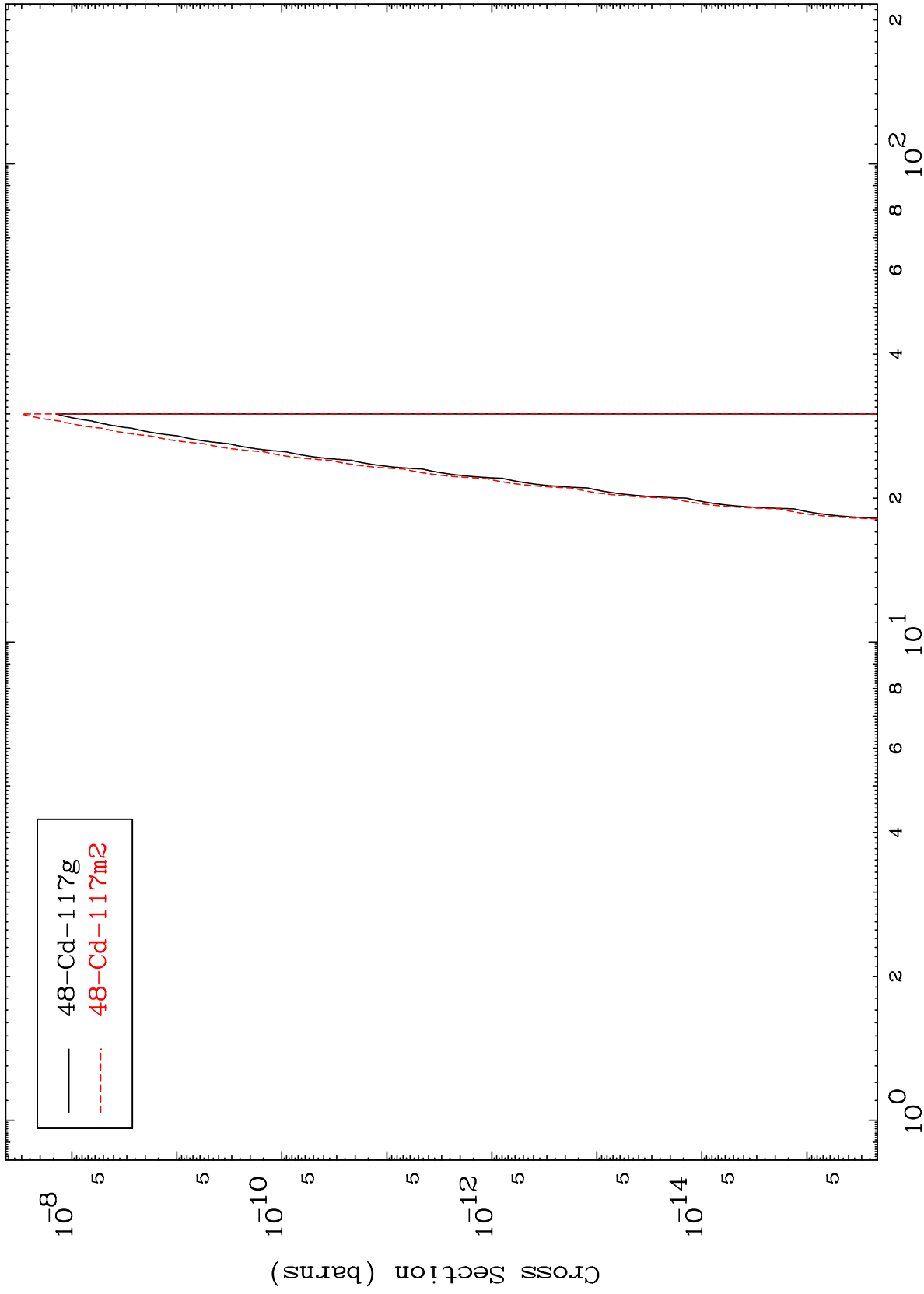
52-Te-124

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(n,2α)

52-Te-124

Radionuclide Production Cross Section



87

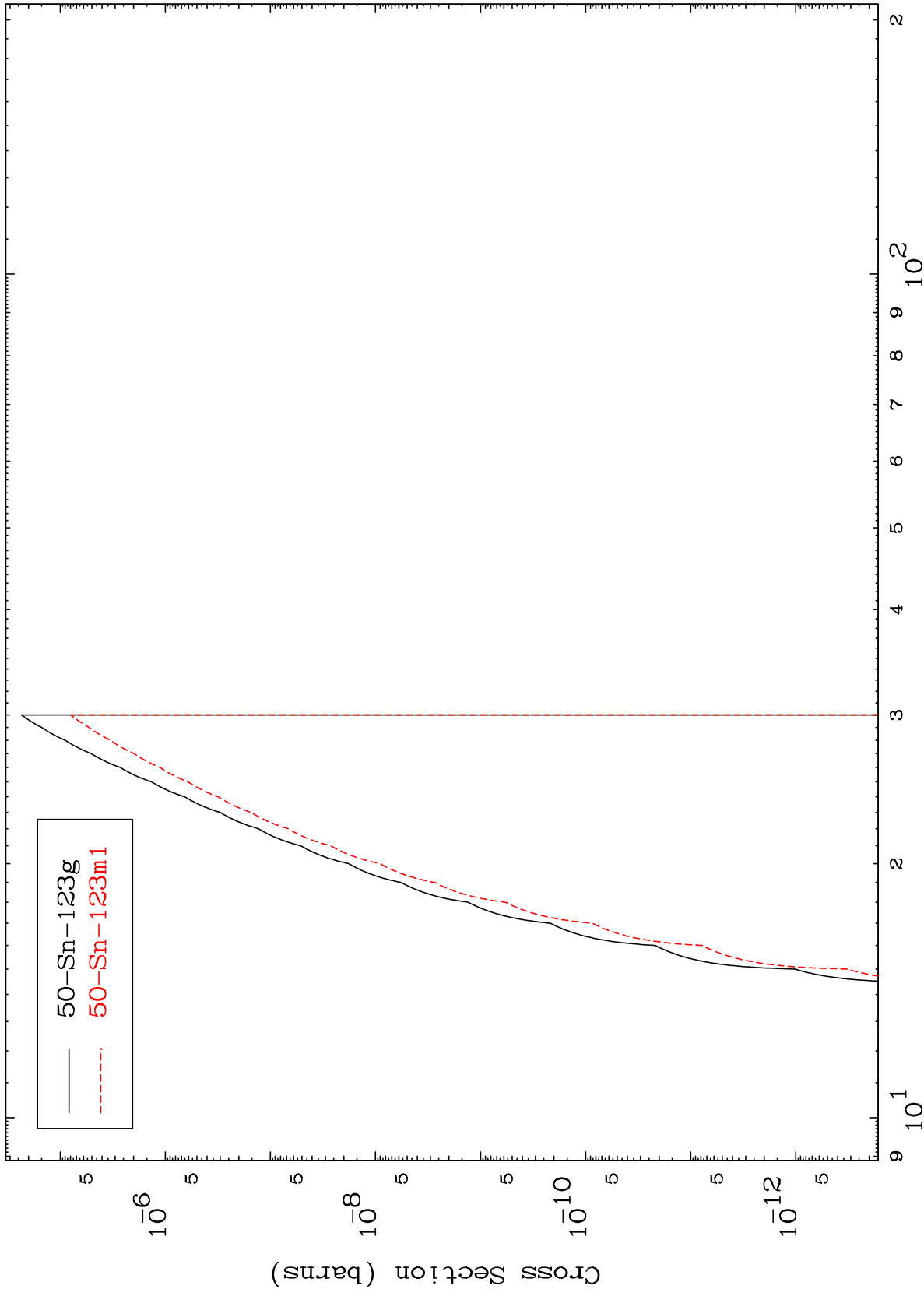
Incident Energy (MeV)

52-Te-124

MAT 5237

52-Te-124

(n,2p)
Radionuclide Production Cross Section



88

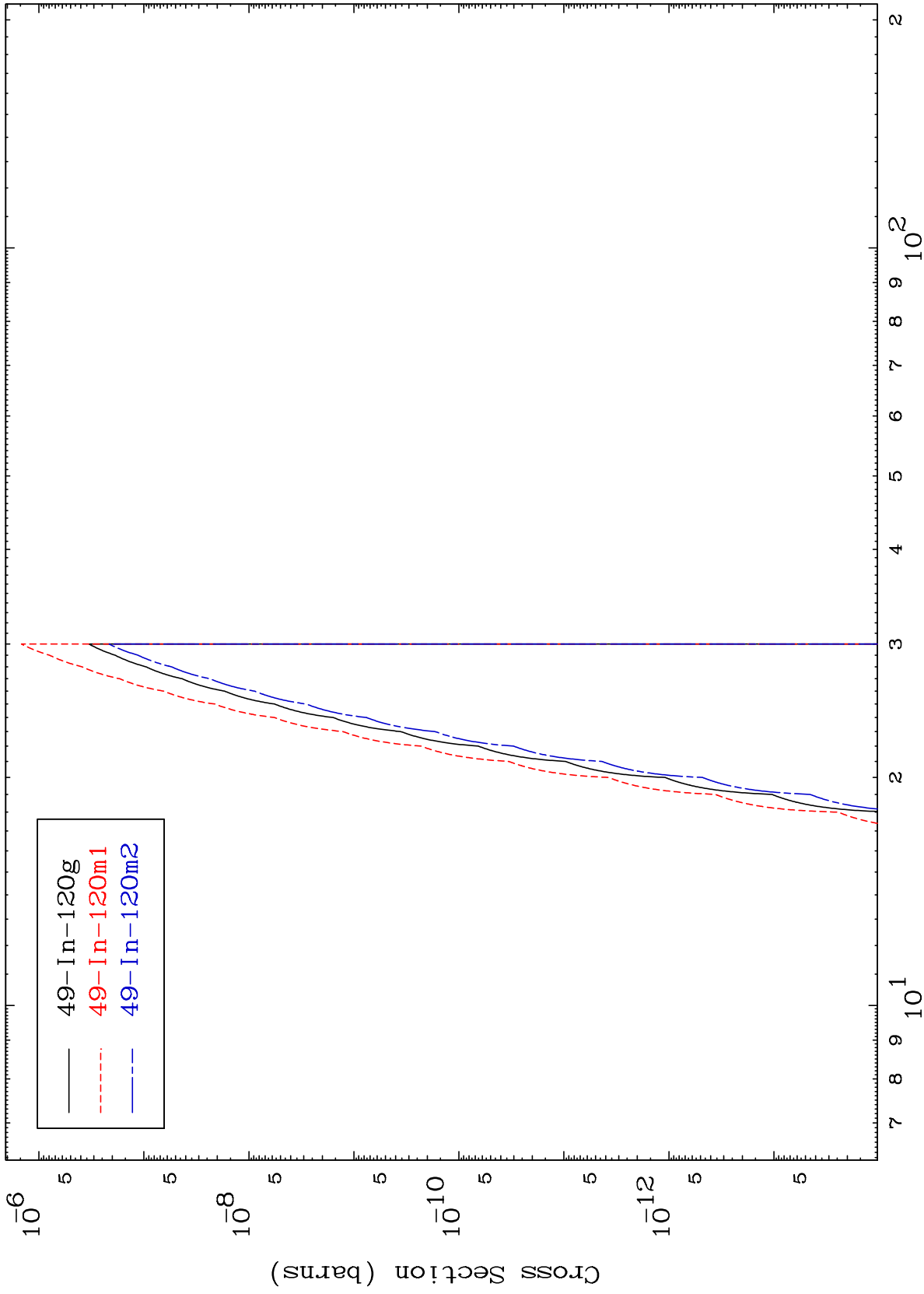
Incident Energy (MeV)

52-Te-124

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52-Te-124

(n,p) α
Radionuclide Production Cross Section



89

Incident Energy (MeV)

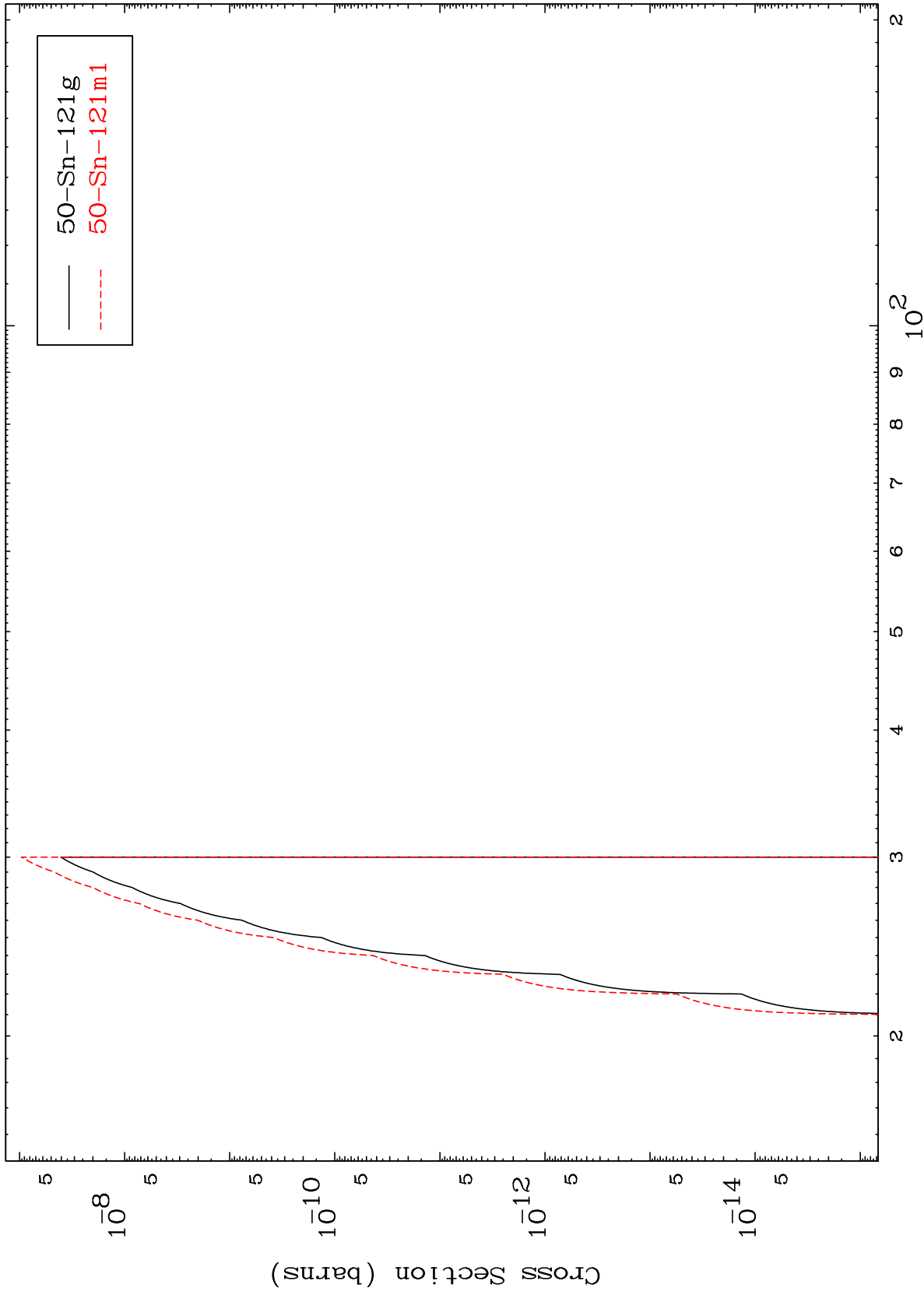
52-Te-124

MAT 5237

(n,p) t

Radionuclide Production Cross Section

52-Te-124



90

Incident Energy (MeV)

52-Te-124