

Program EVALPLOT
(Version 2021-1)

by

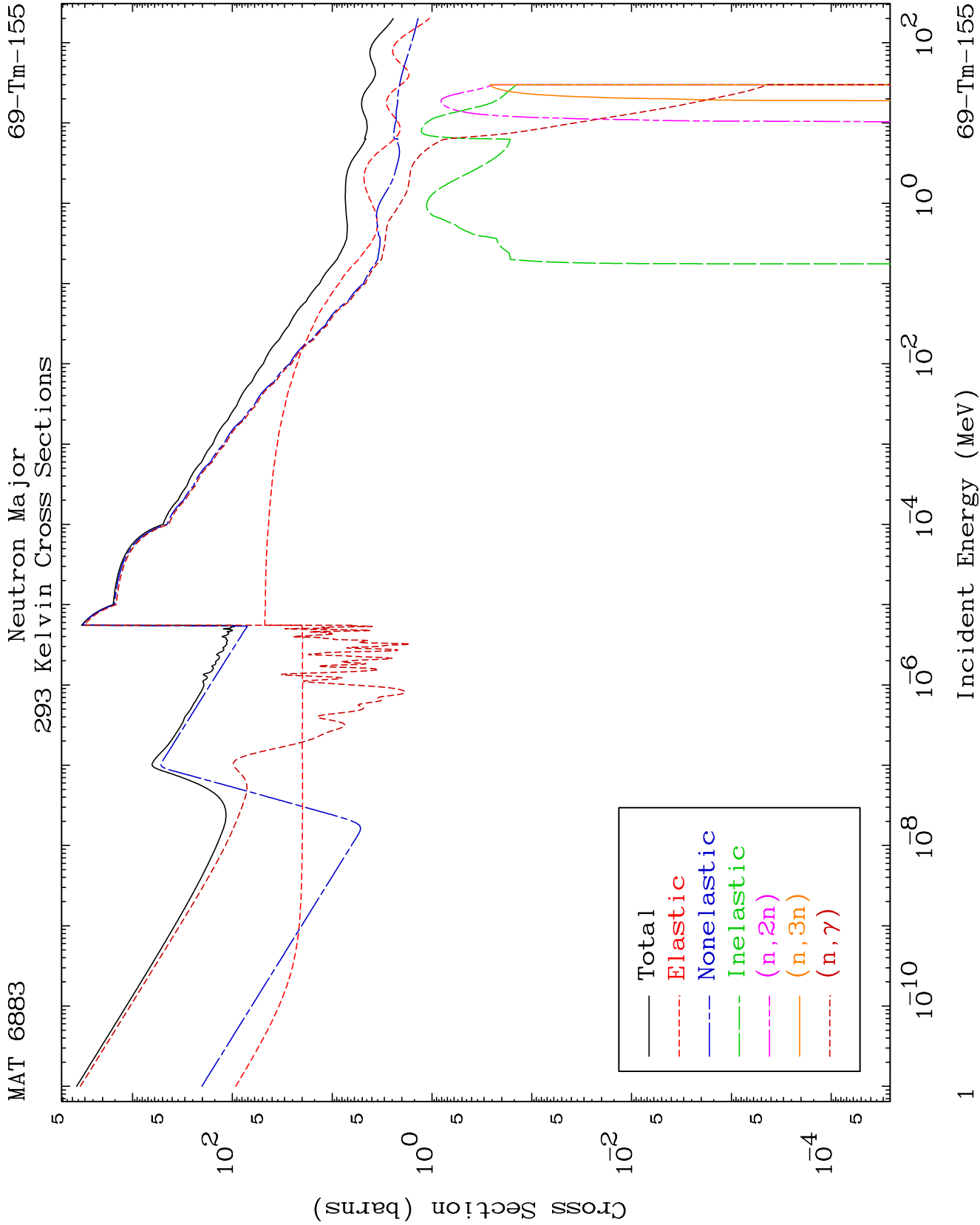
Dermott E. Cullen
(Present Contact Information)

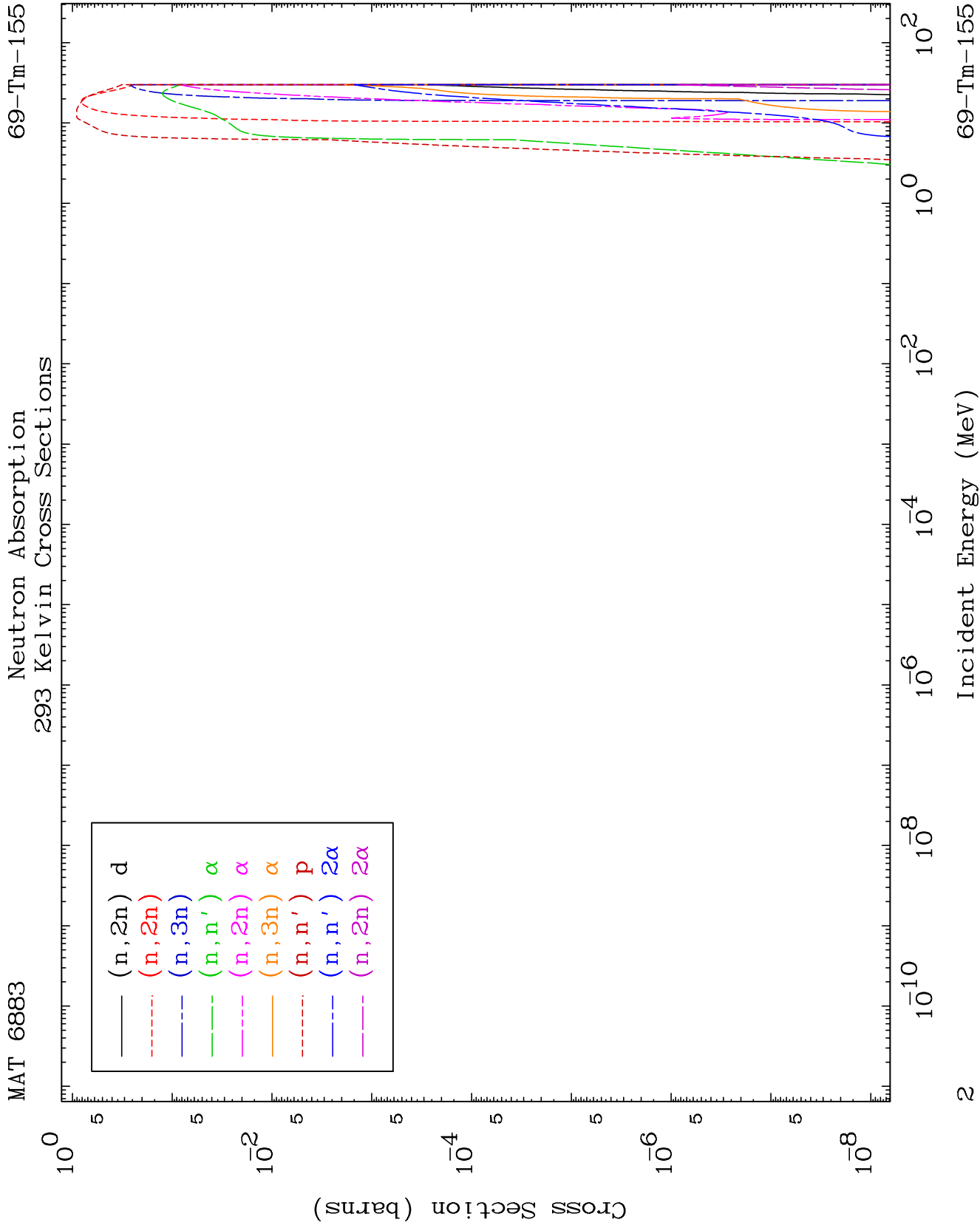
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

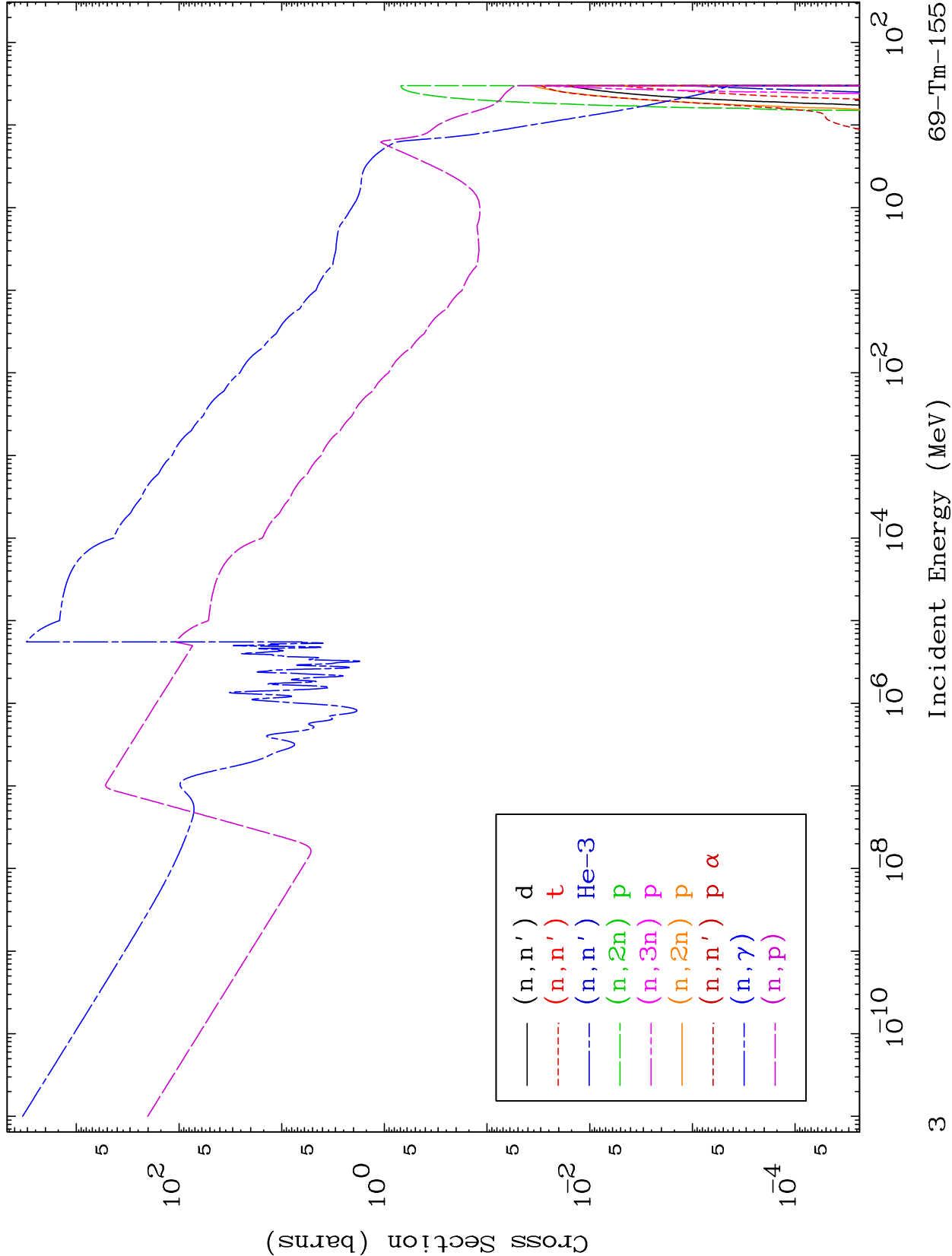
Tele: 925-443-1911

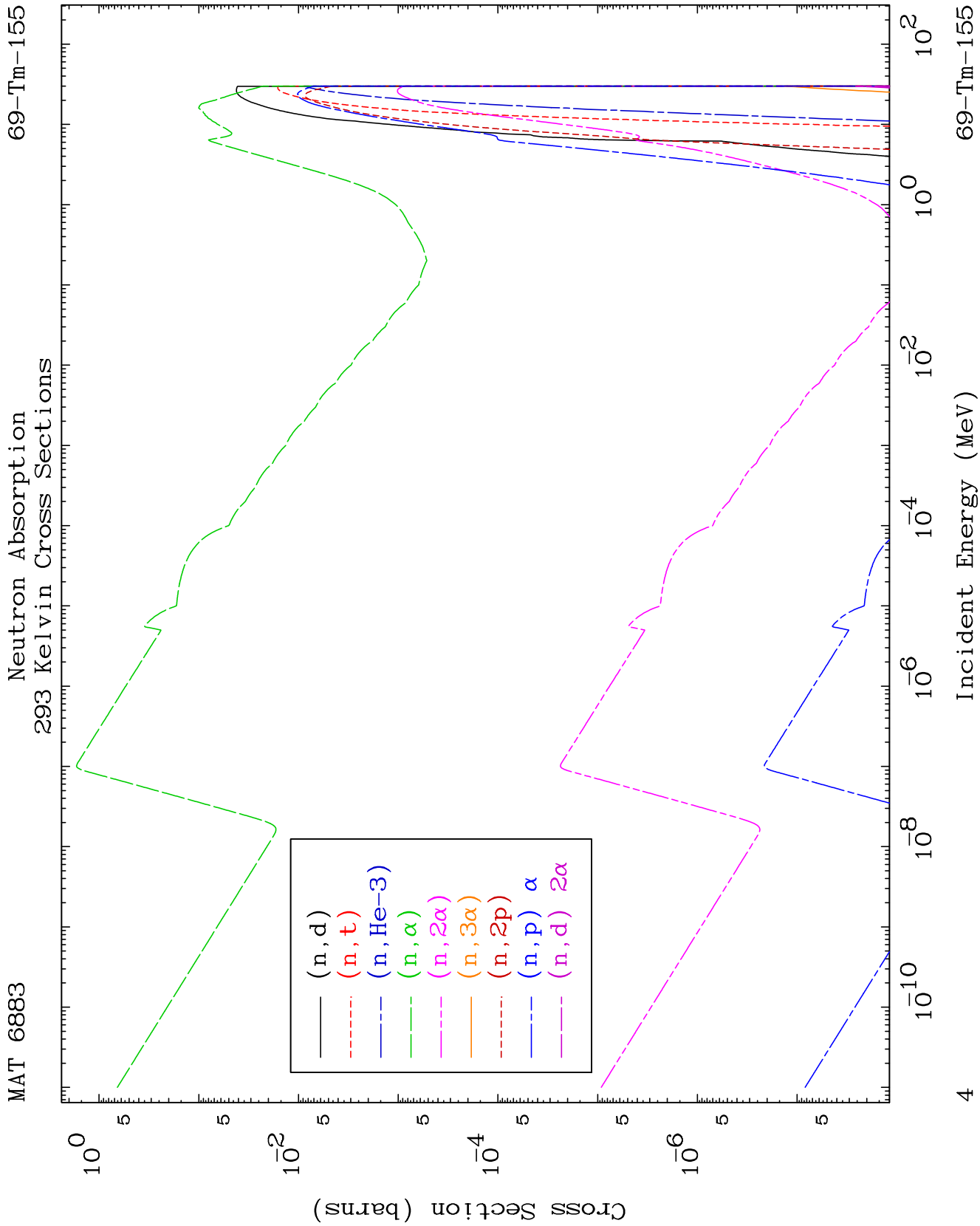
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





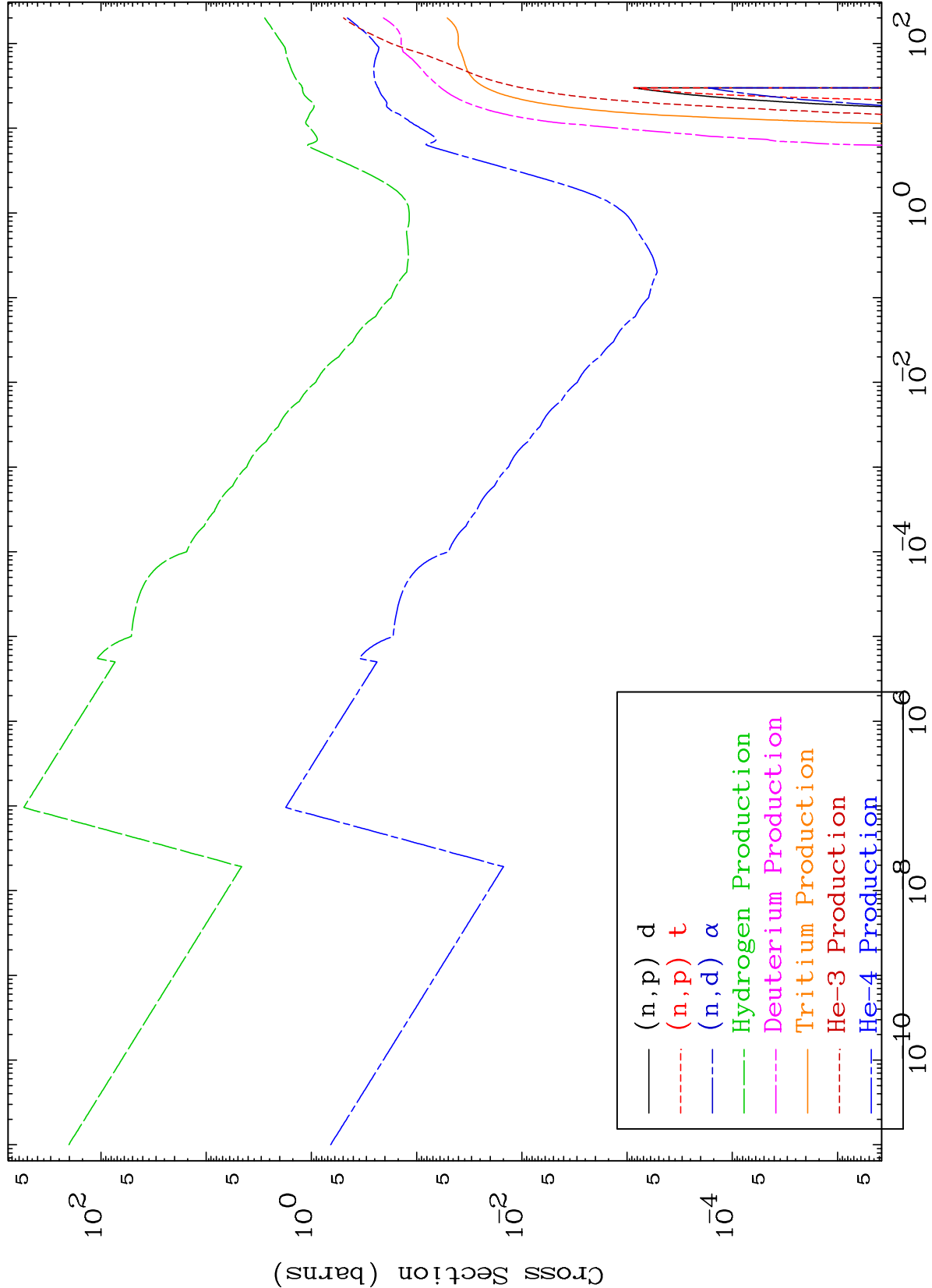




MAT 6883

Neutron Absorption
293 Kelvin Cross Sections

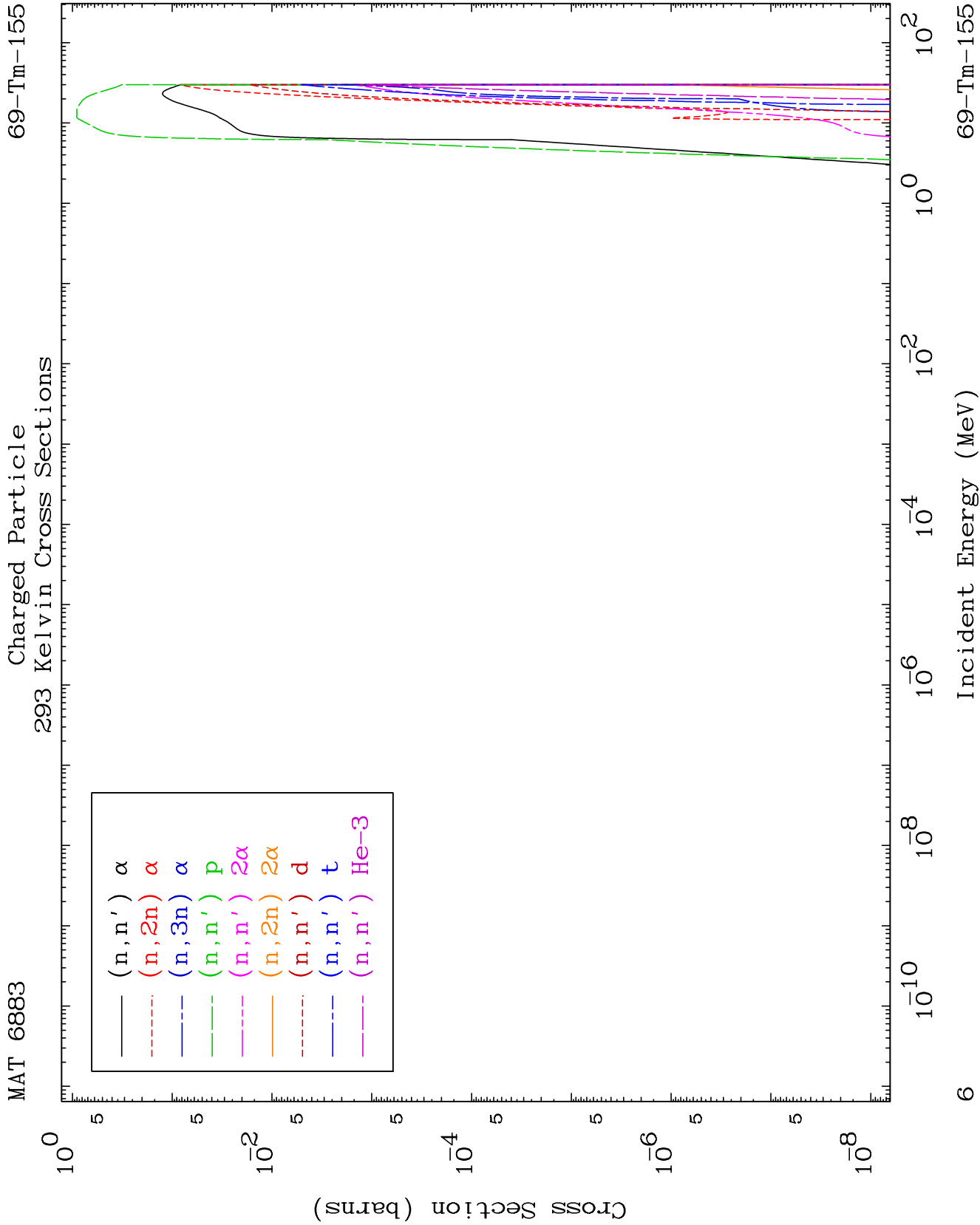
69-Tm-155

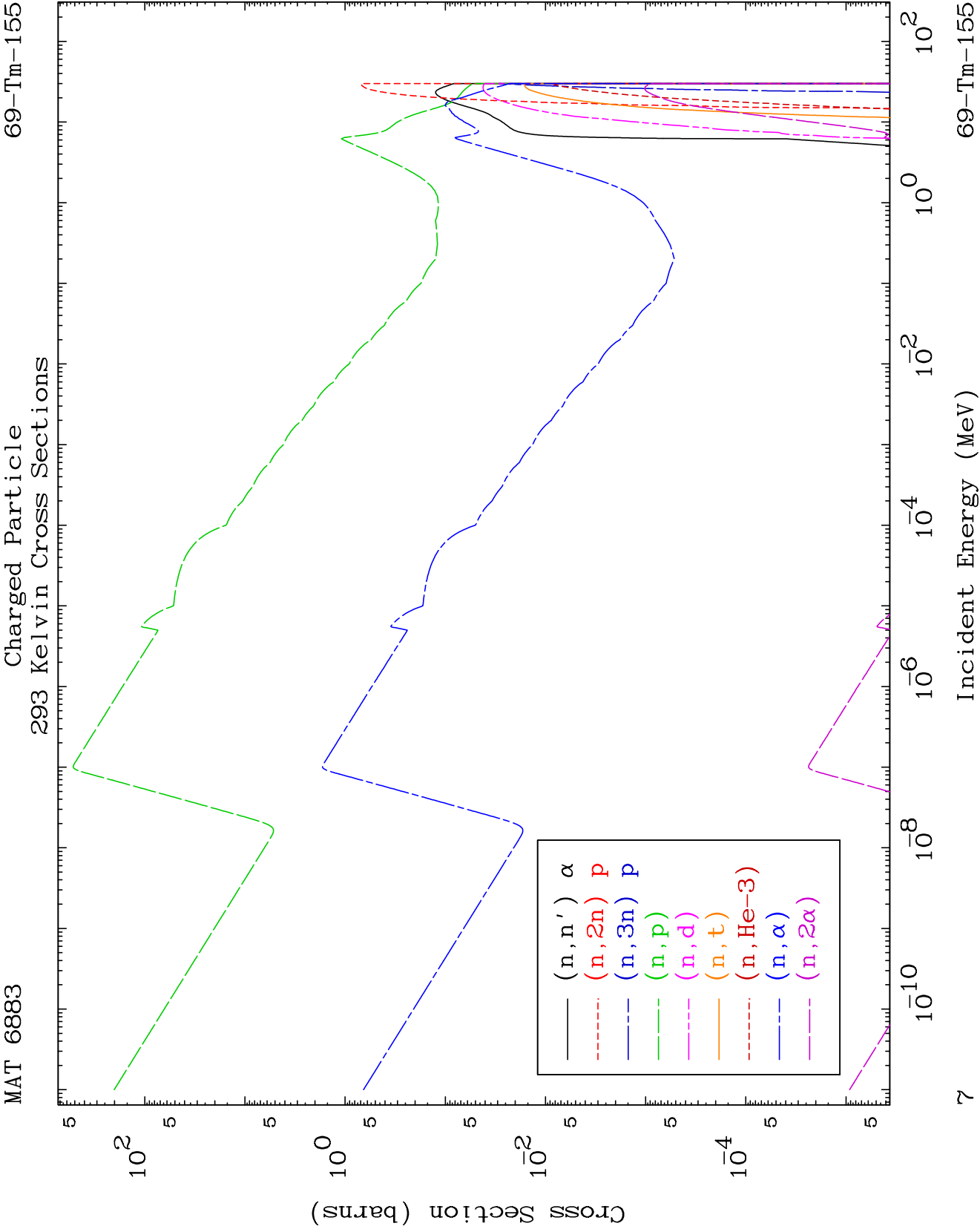


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Incident Energy (MeV)

69-Tm-155

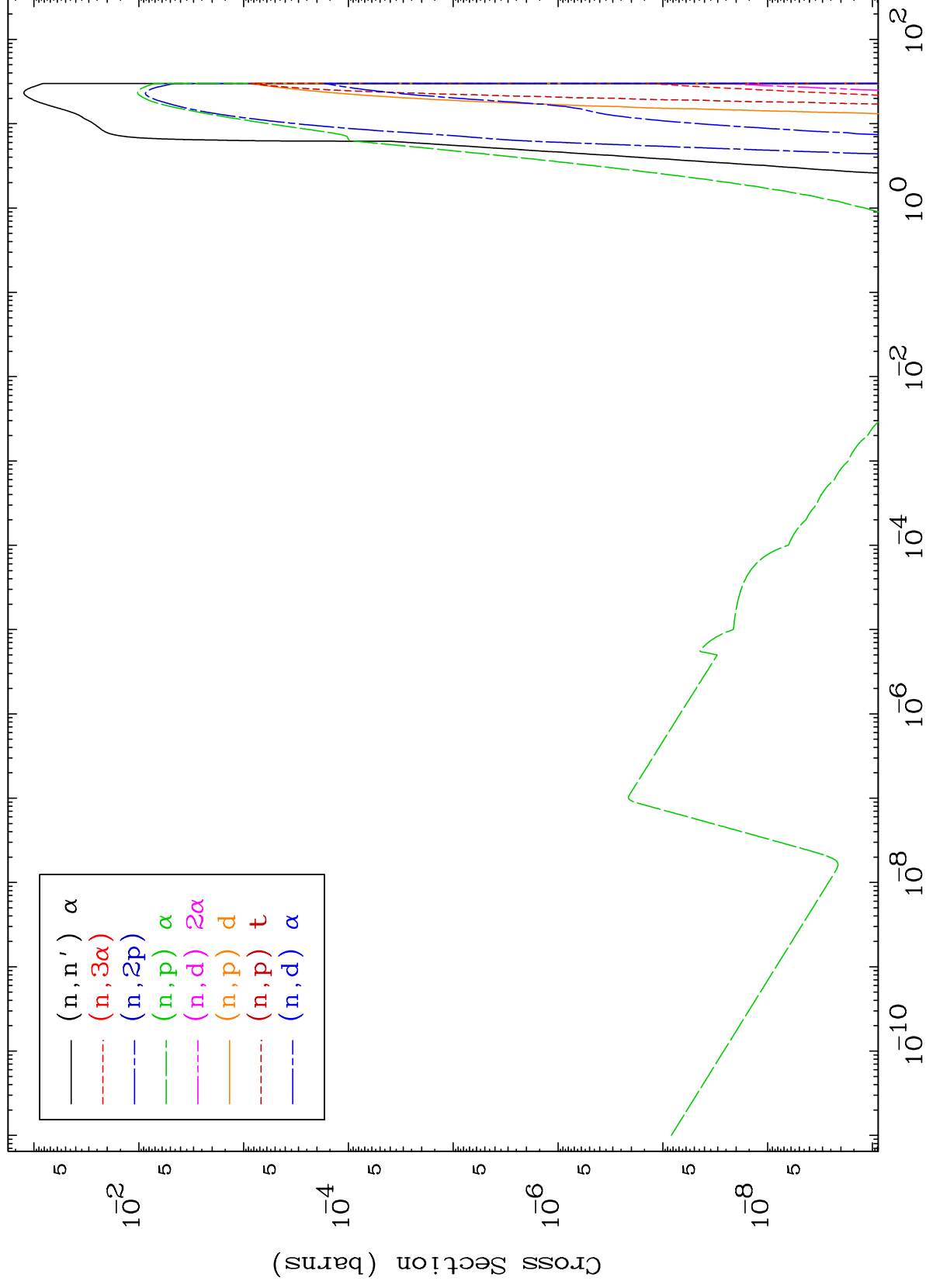


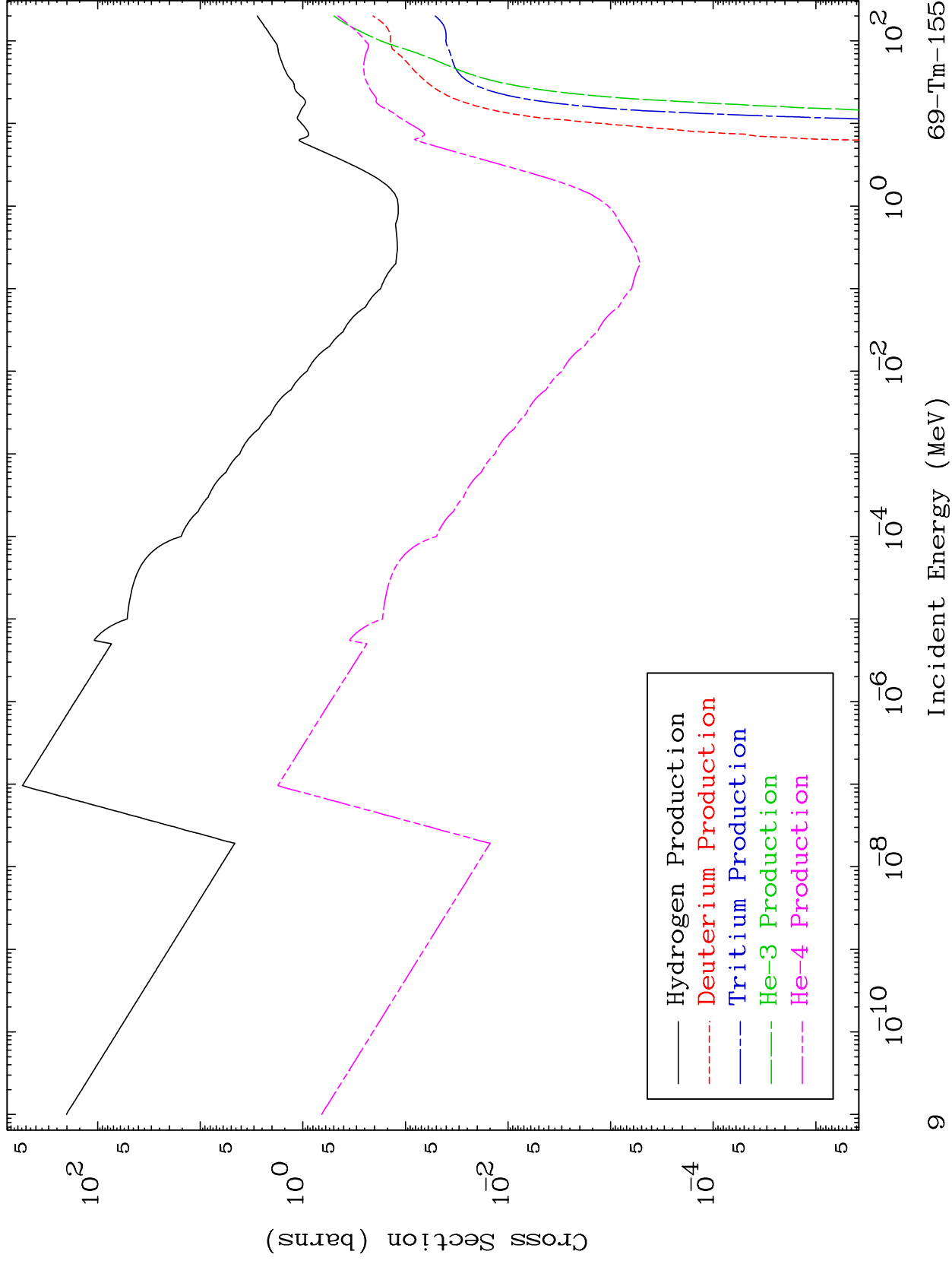


MAT 6883

Charged Particle
293 Kelvin Cross Sections

69-Tm-155

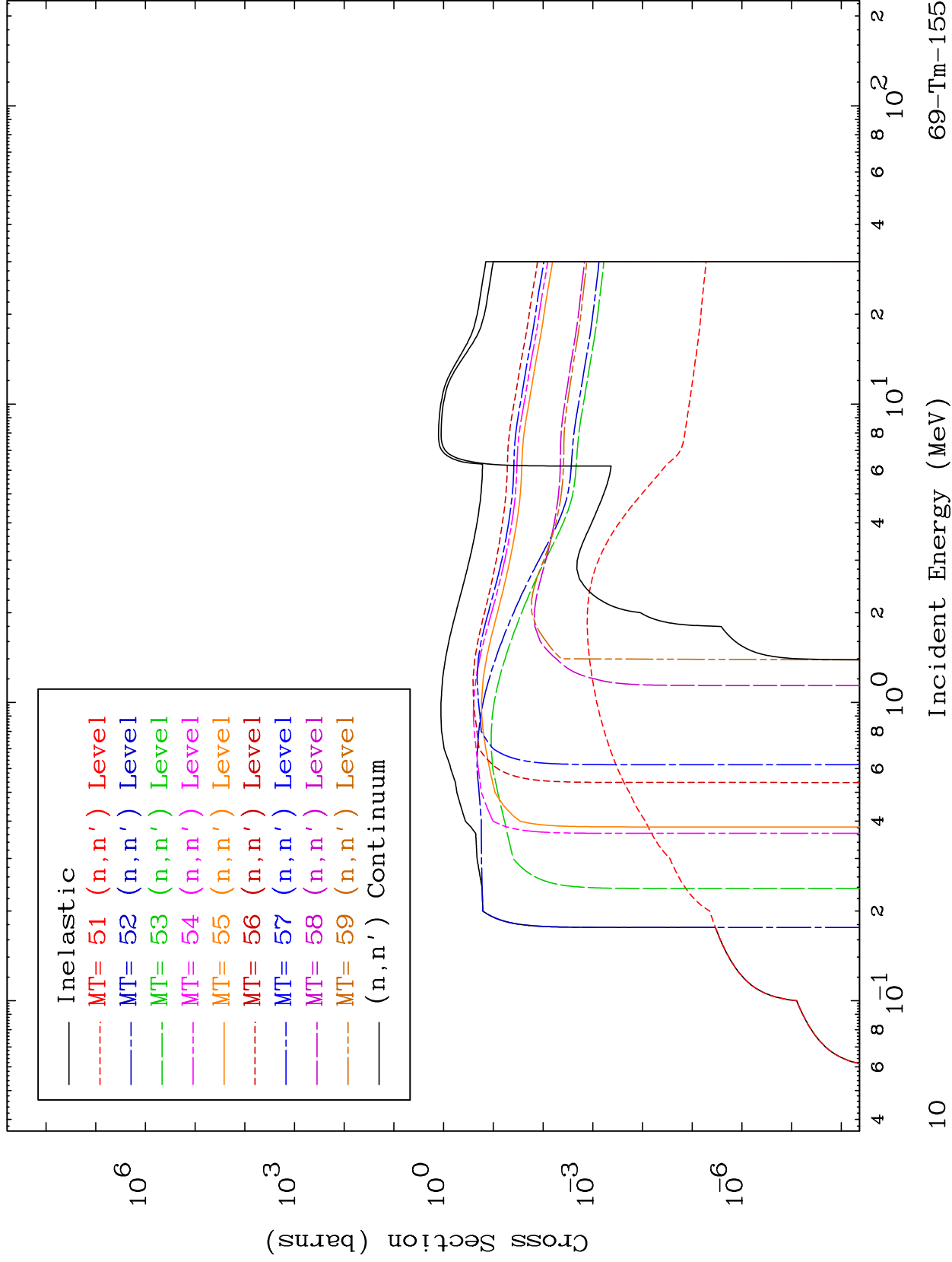




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(n,n') Levels
293 Kelvin Cross Sections

69-Tm-155

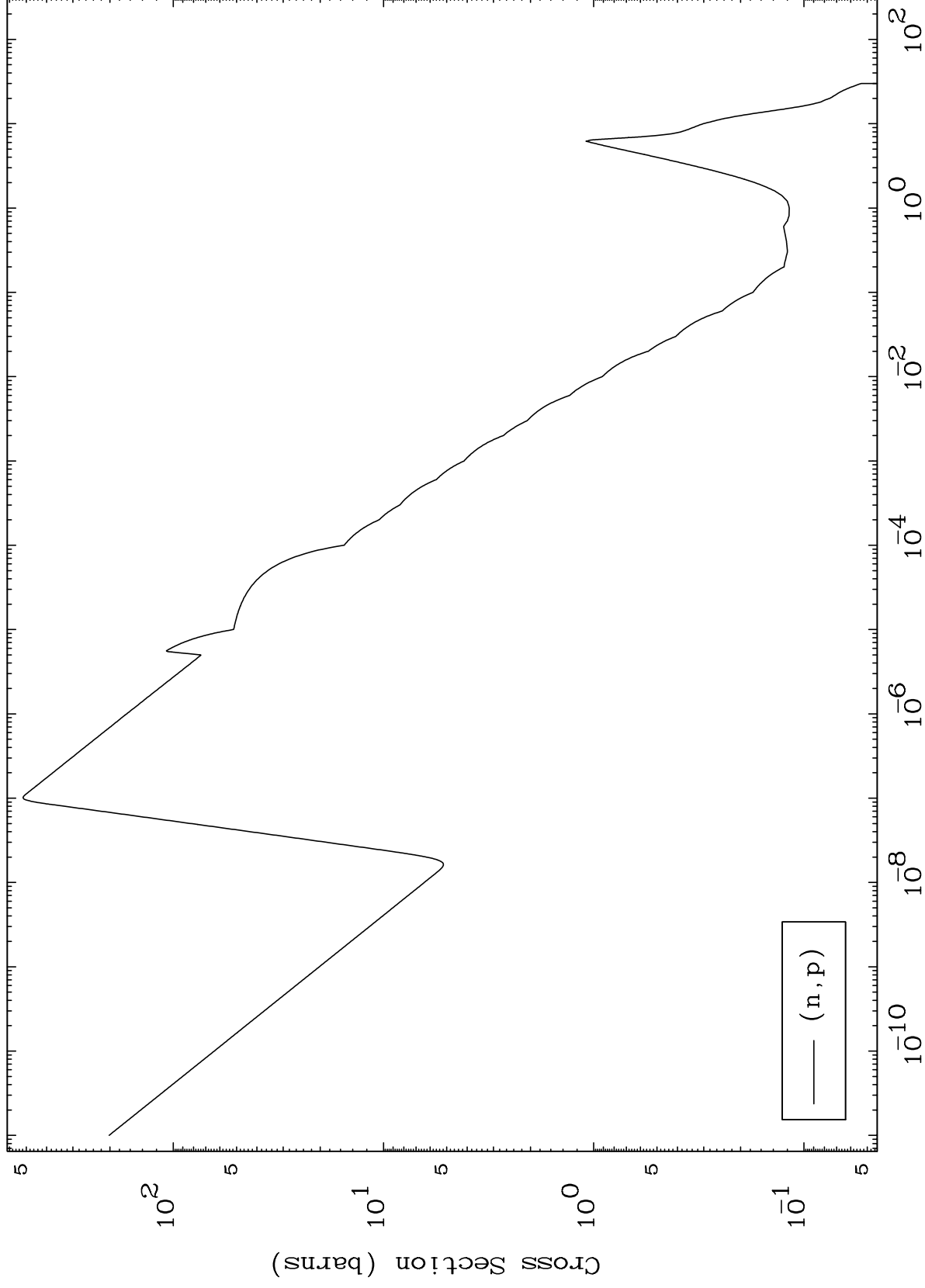


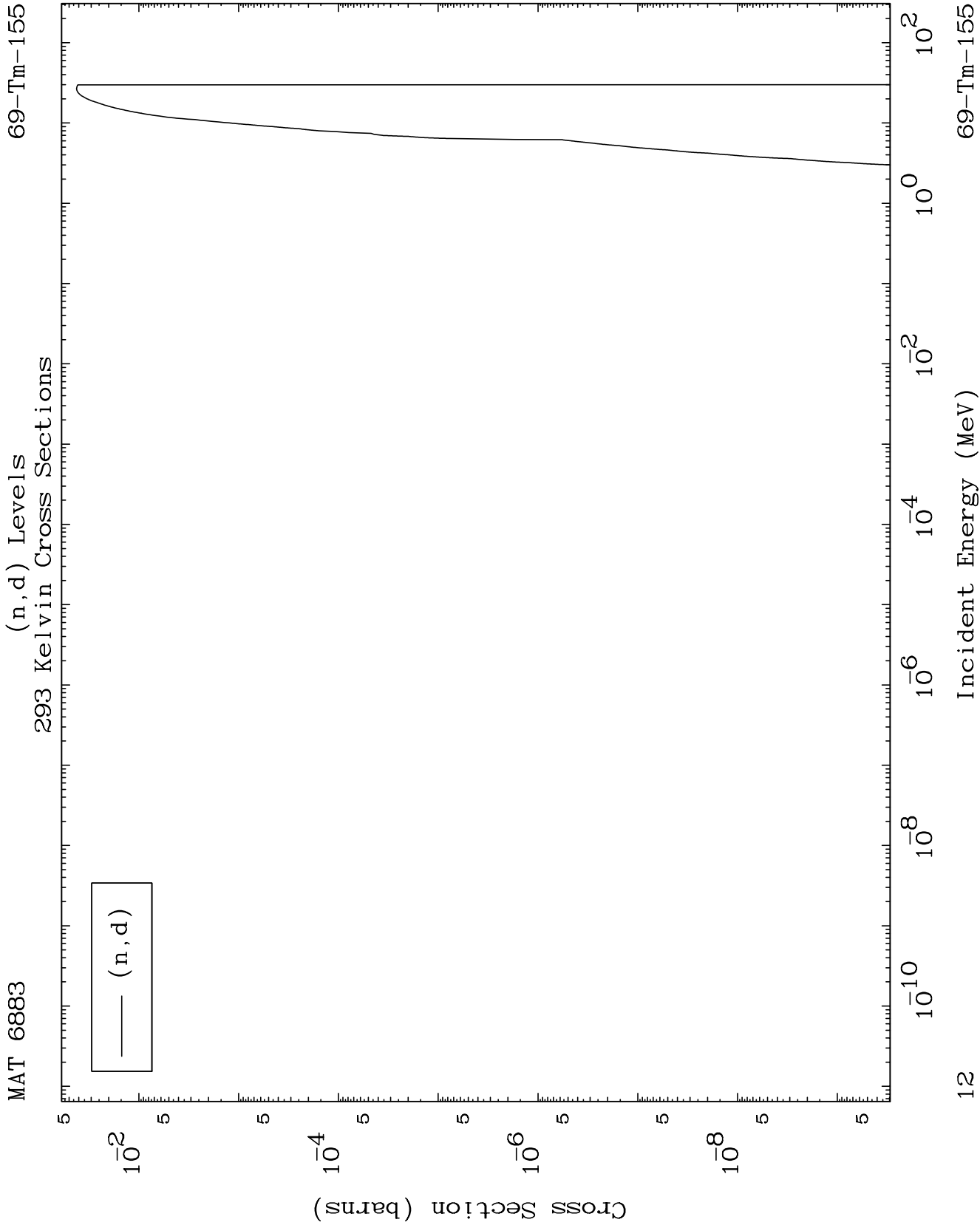
69-Tm-155

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69-Tm-155

(n,p) Levels
293 Kelvin Cross Sections



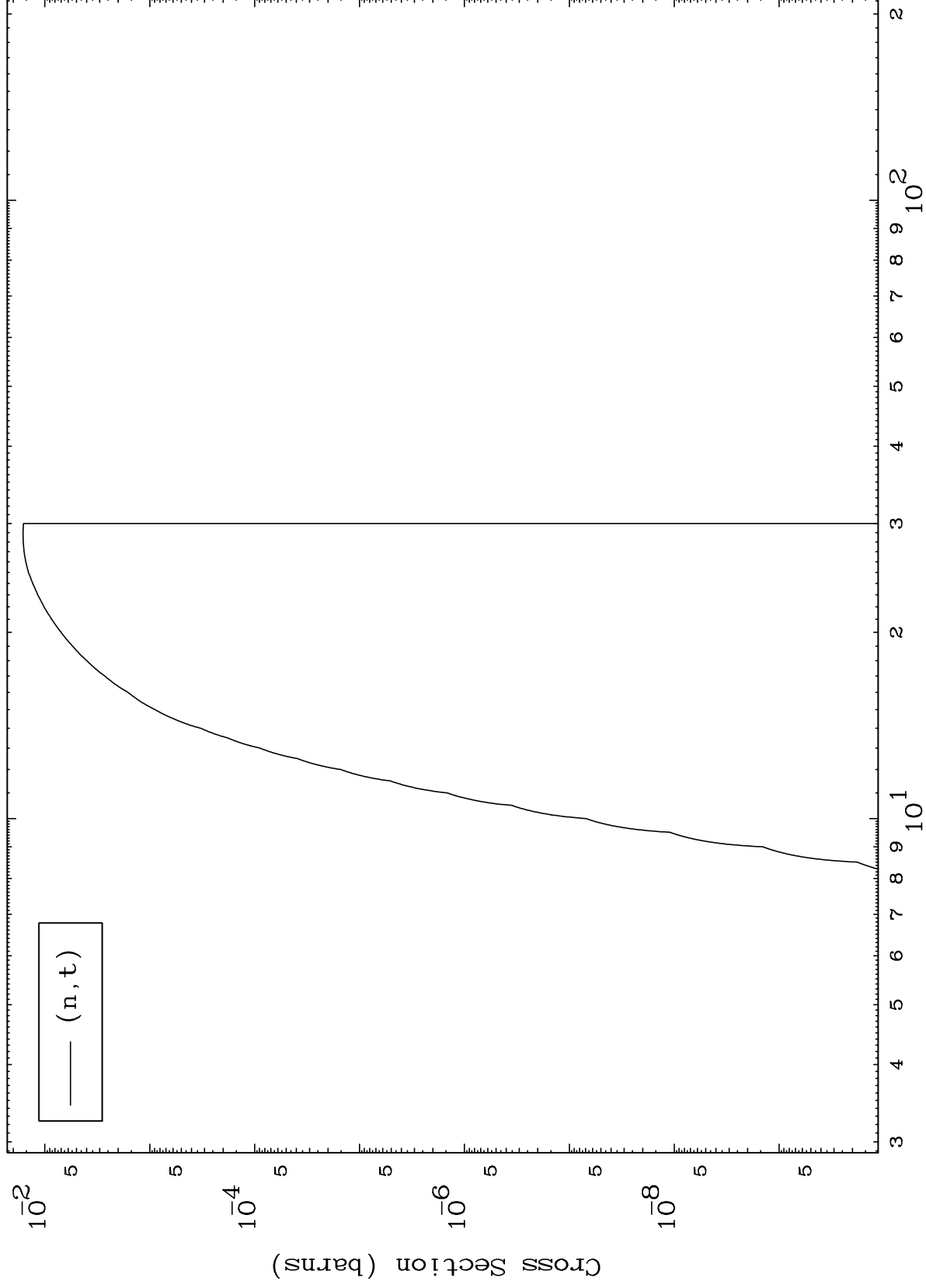


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(n,t) Levels

69-Tm-155

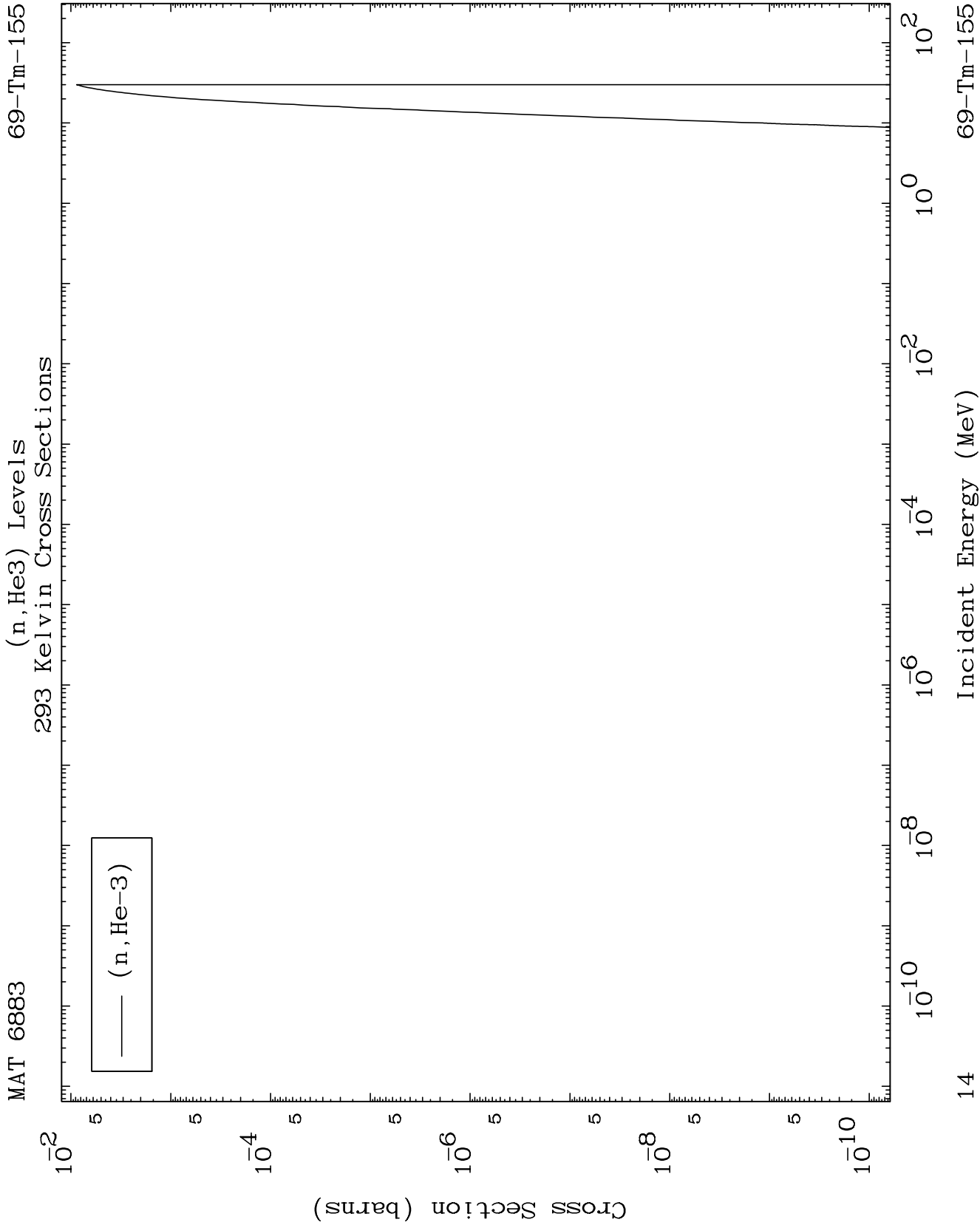
293 Kelvin Cross Sections



Incident Energy (MeV)

69-Tm-155

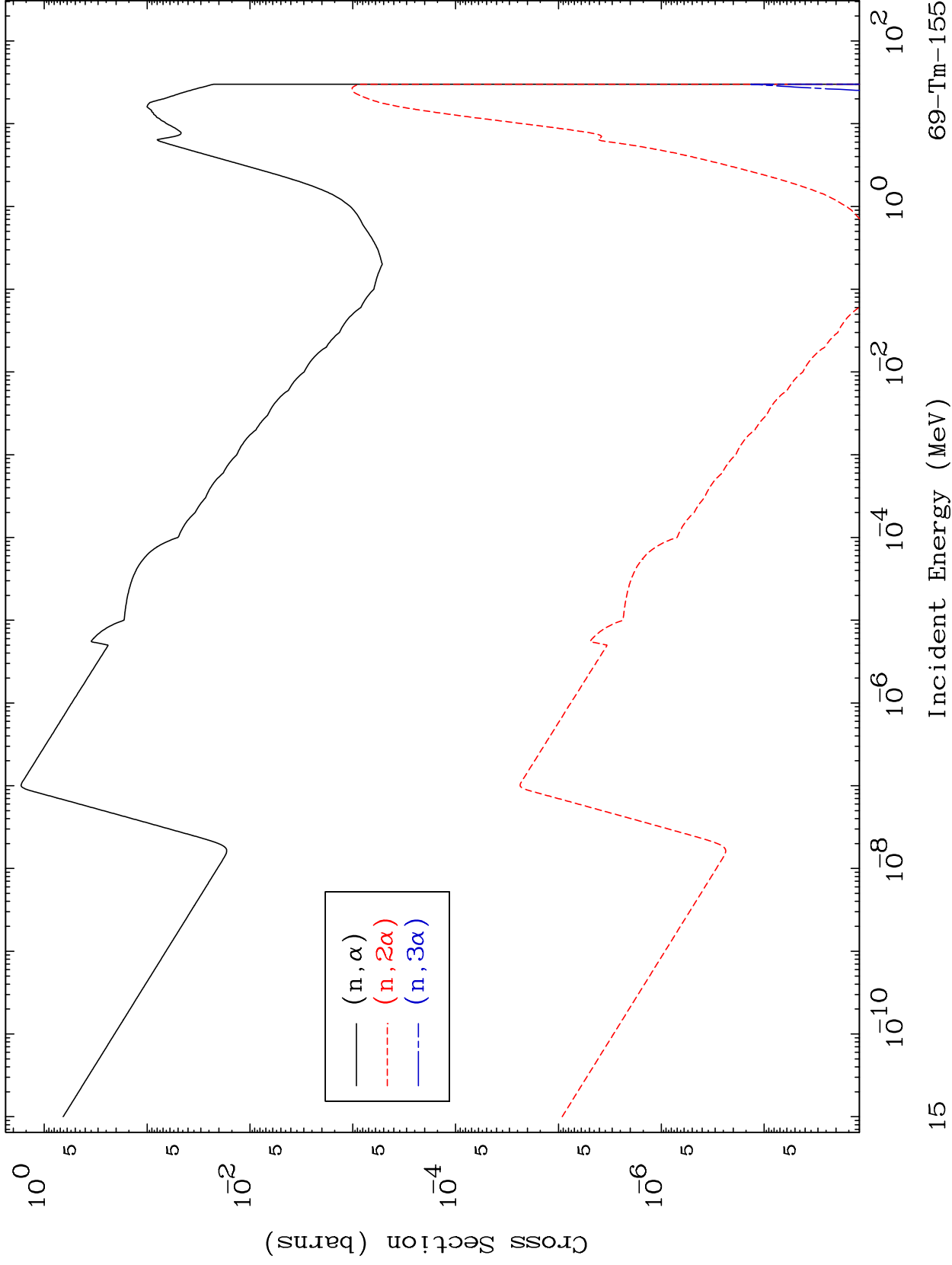
13



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69-Tm-155

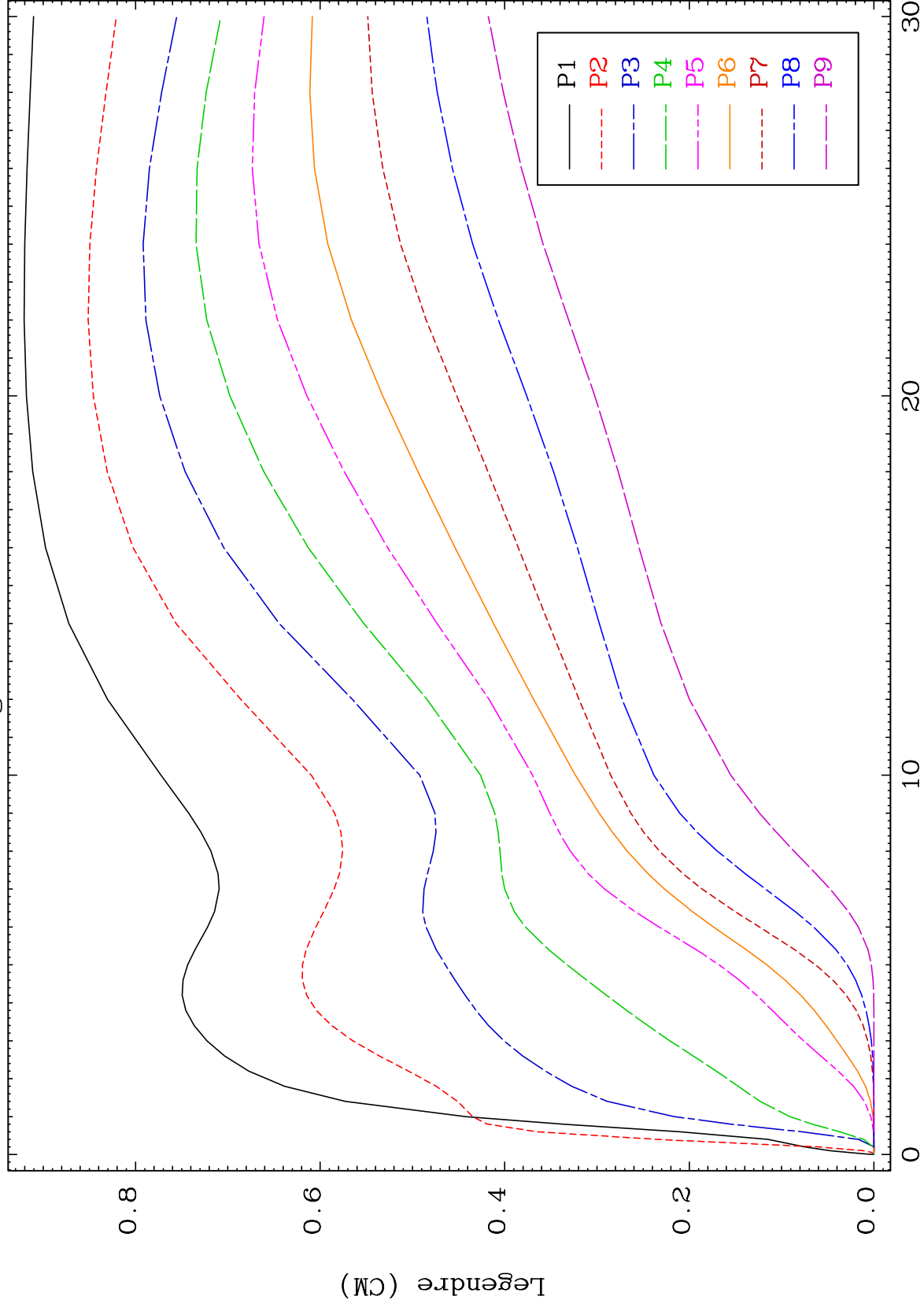
(n,α) Levels
293 Kelvin Cross Sections



MAT 6883

69-Tm-155

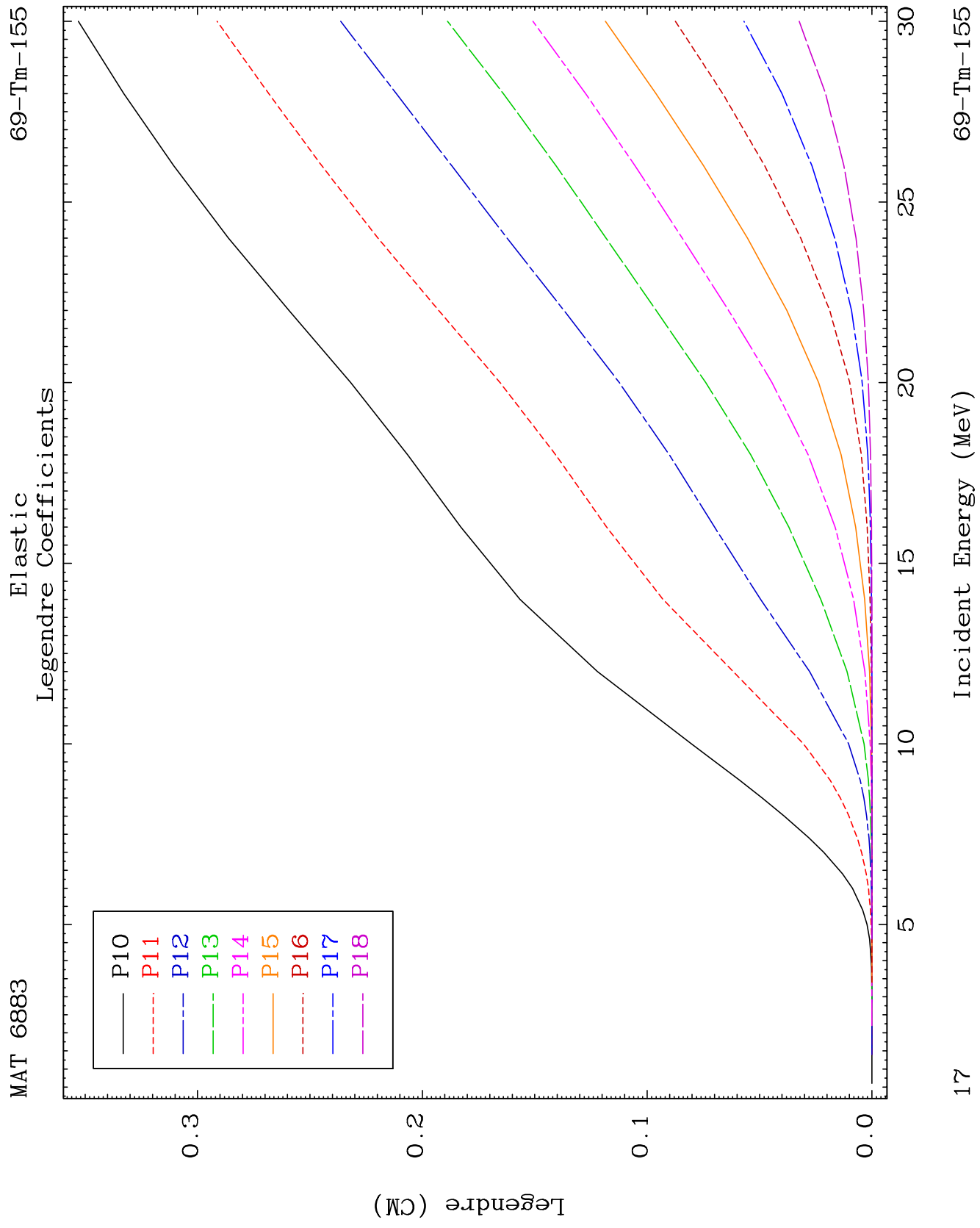
Elastic Legendre Coefficients

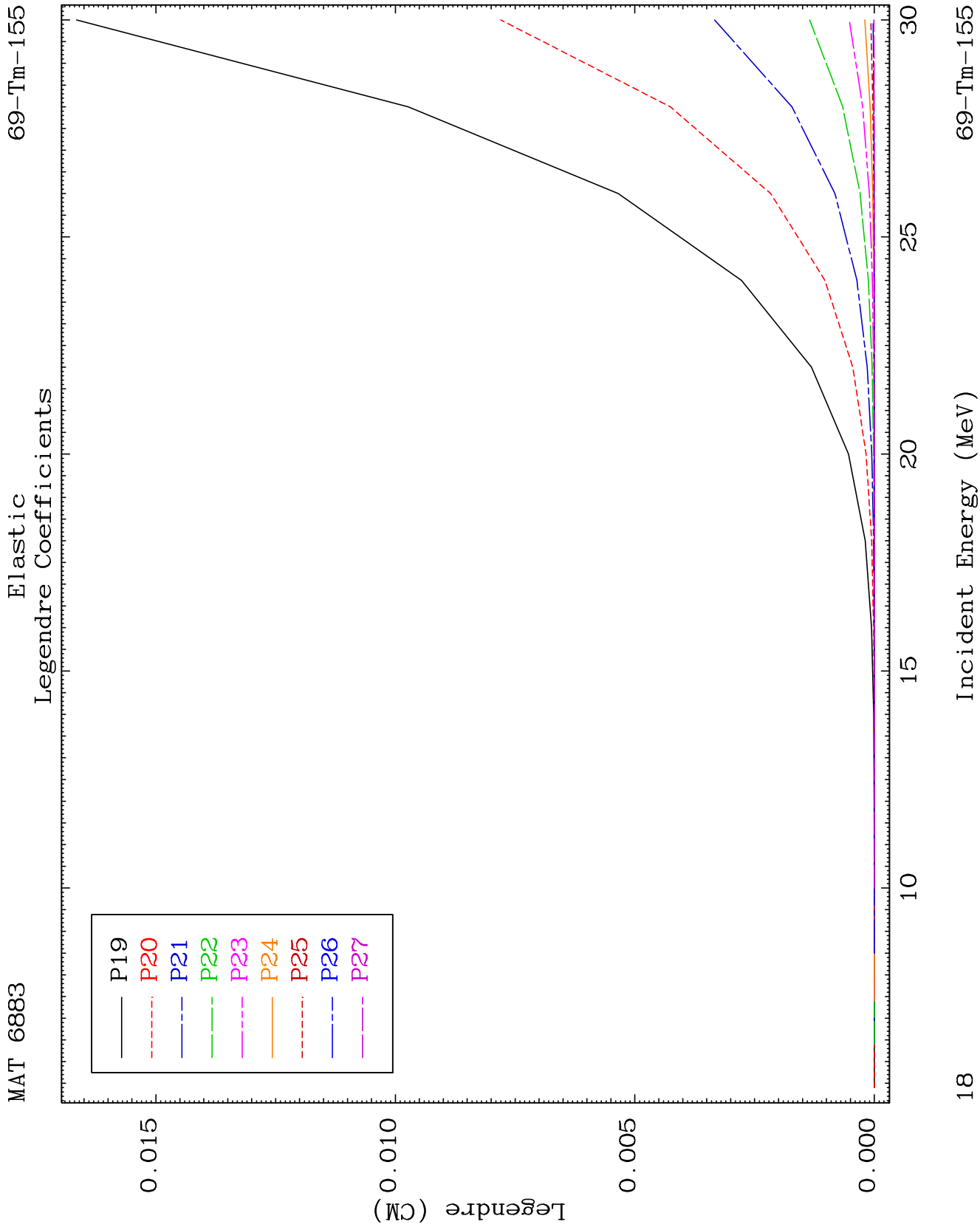


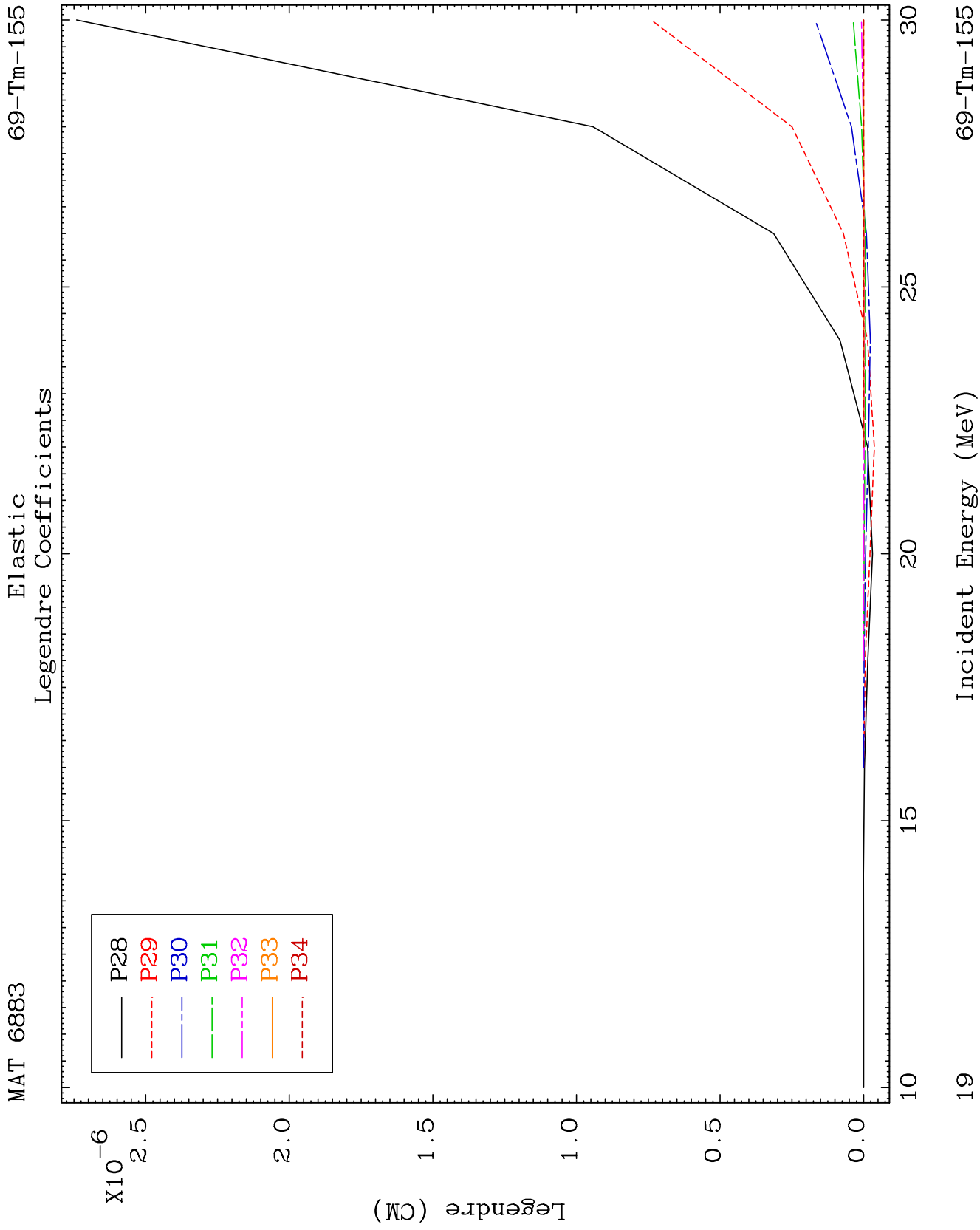
16

Incident Energy (MeV)

69-Tm-155



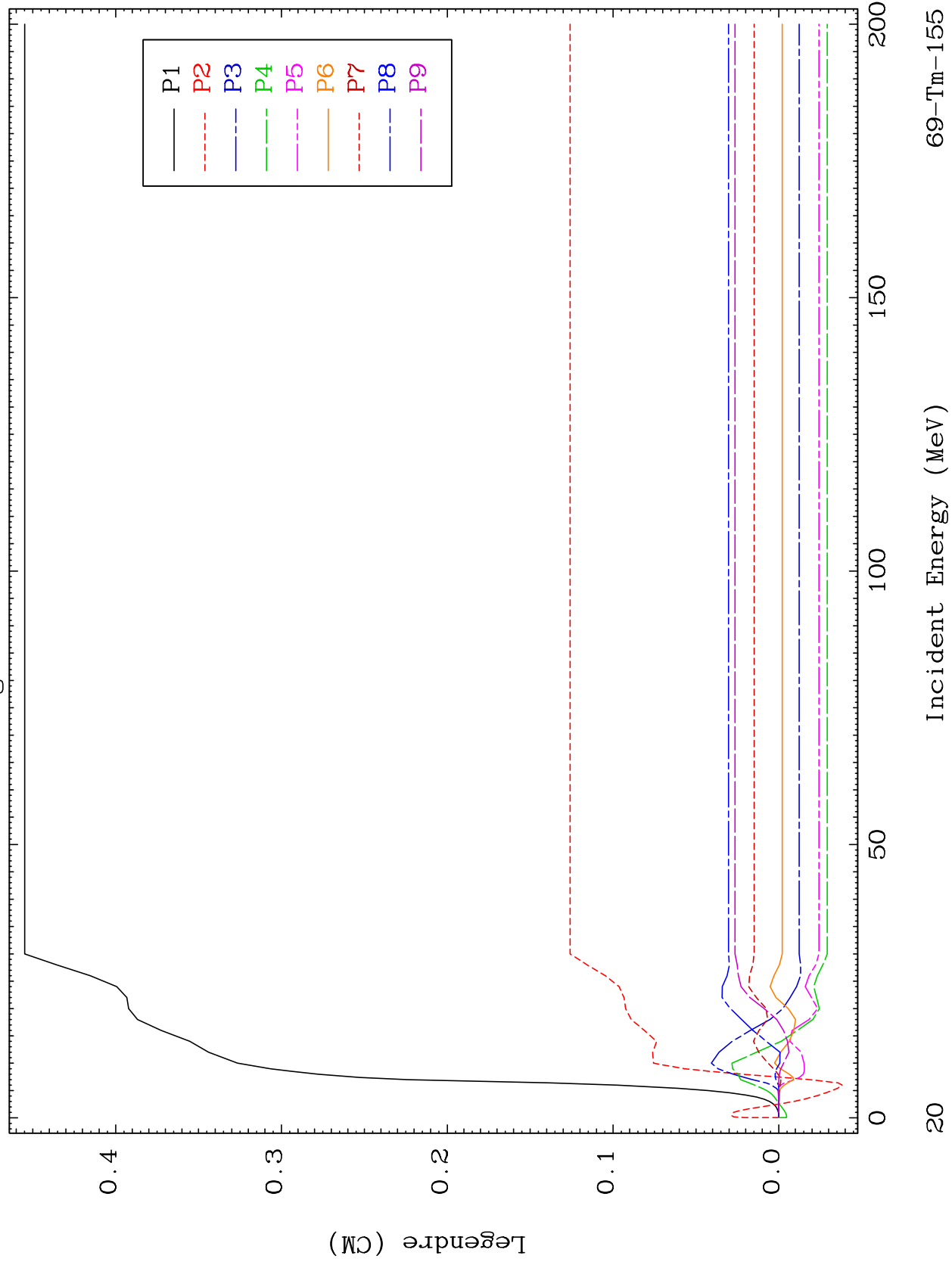




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MT= 51 (n, n') Level
Legendre Coefficients

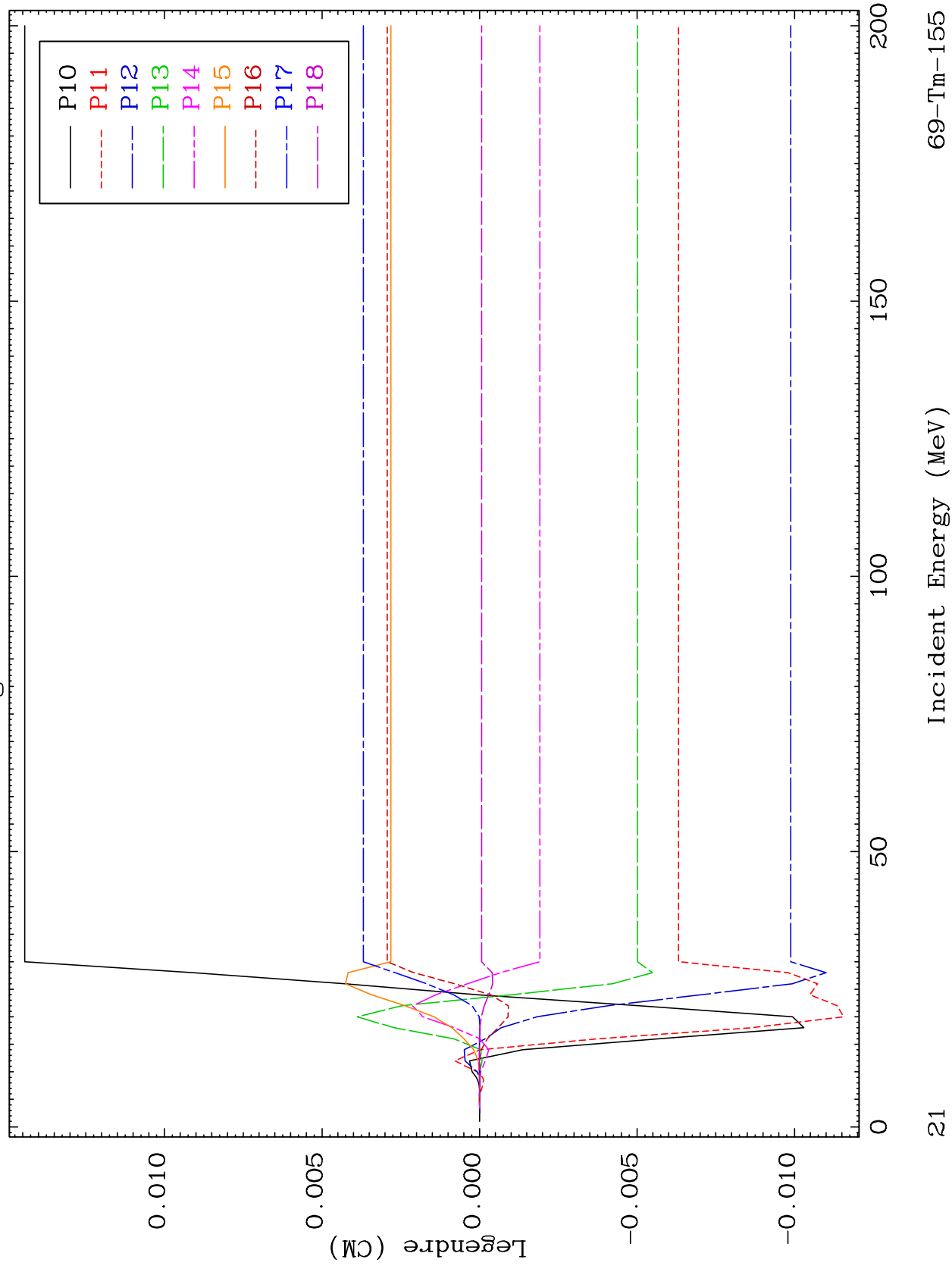
69-Tm-155

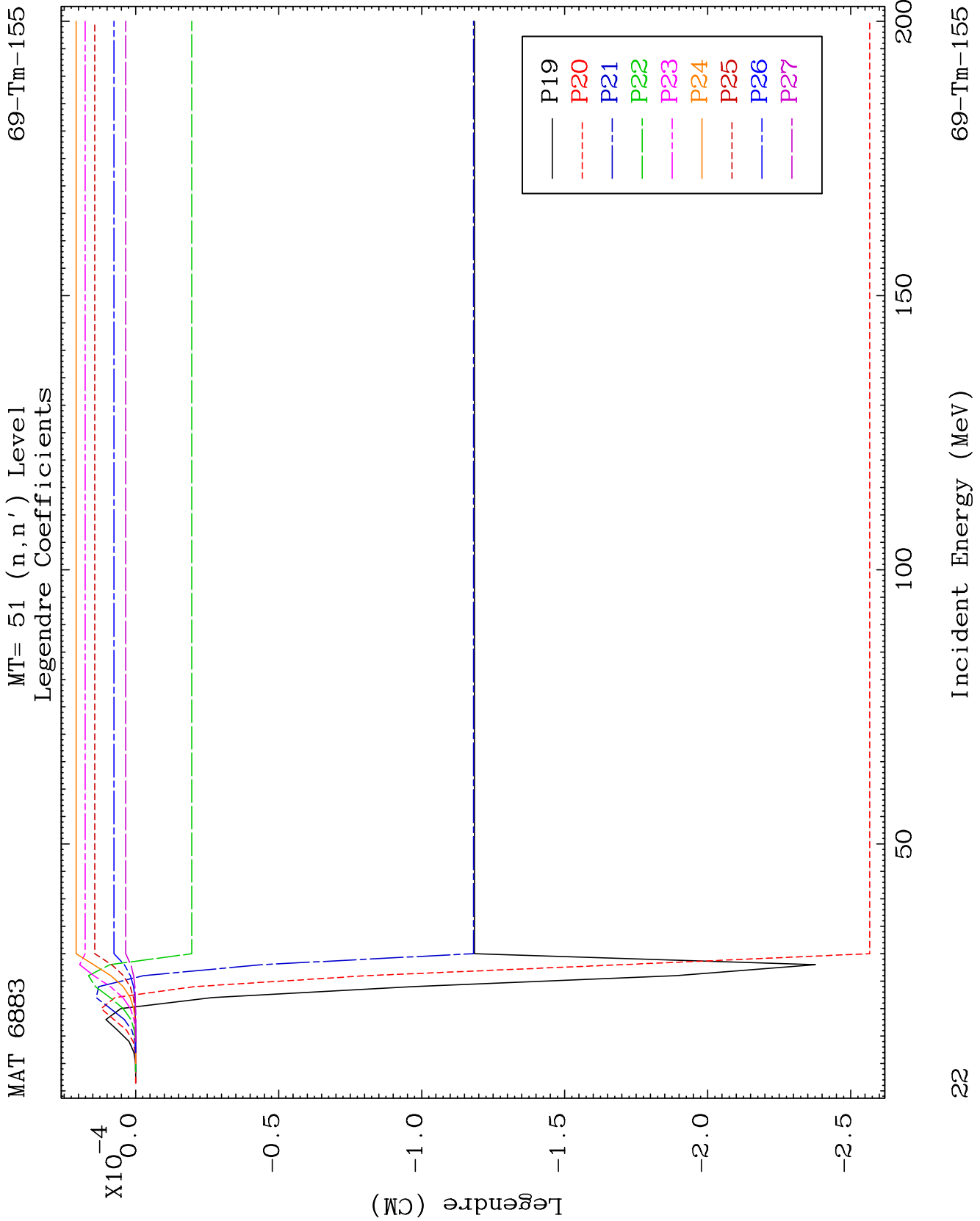


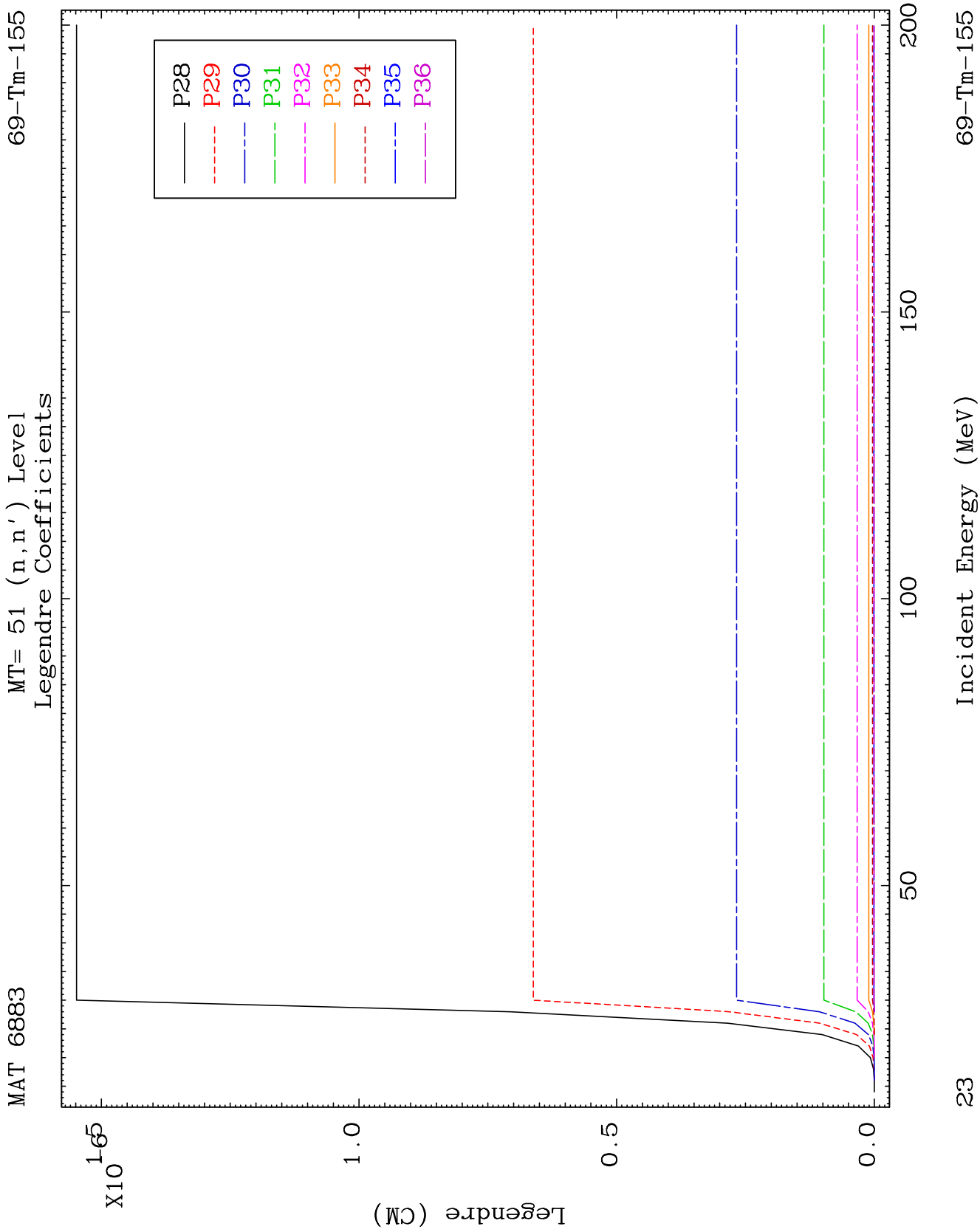
MAT 6883

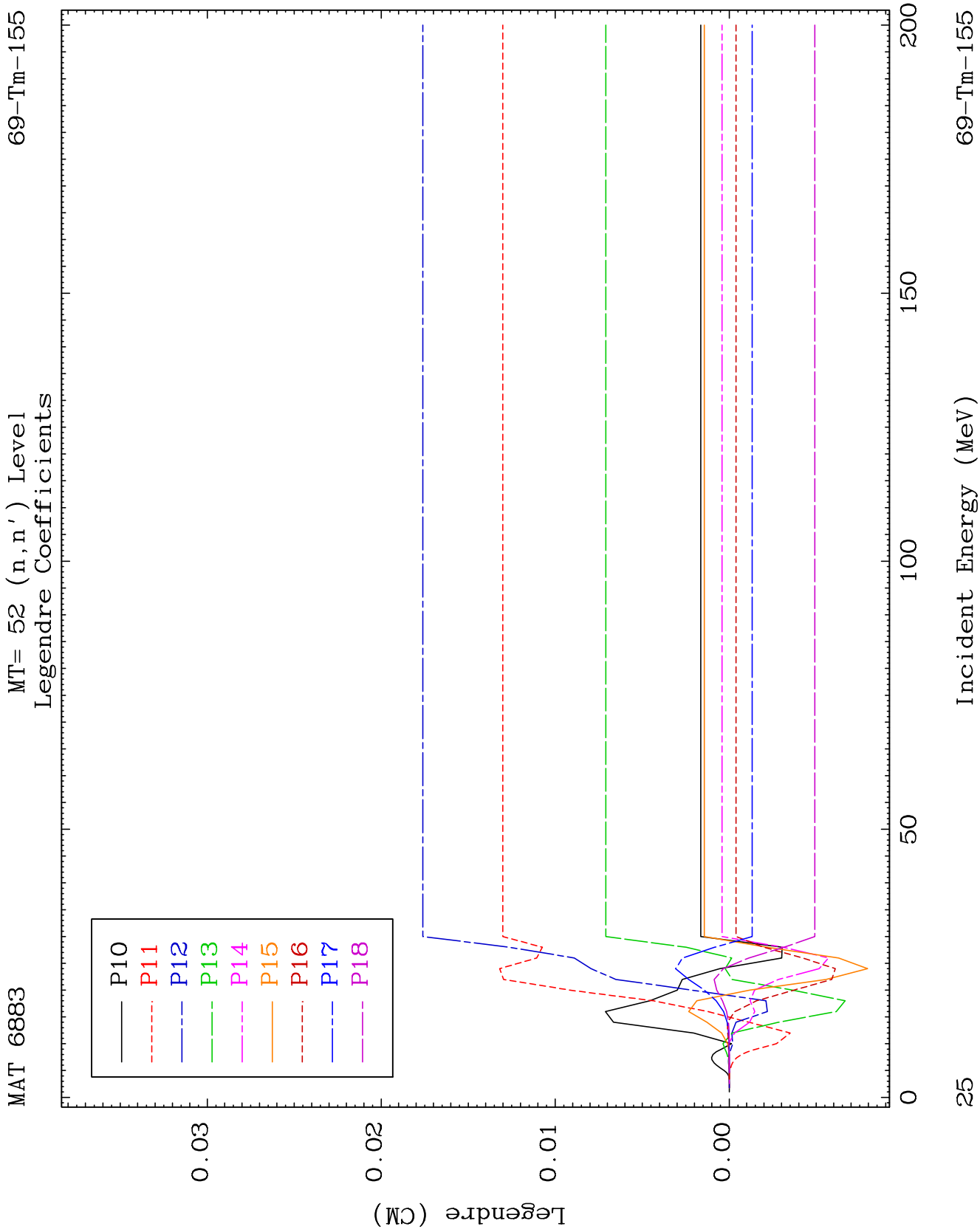
MT= 51 (n, n') Level
Legendre Coefficients

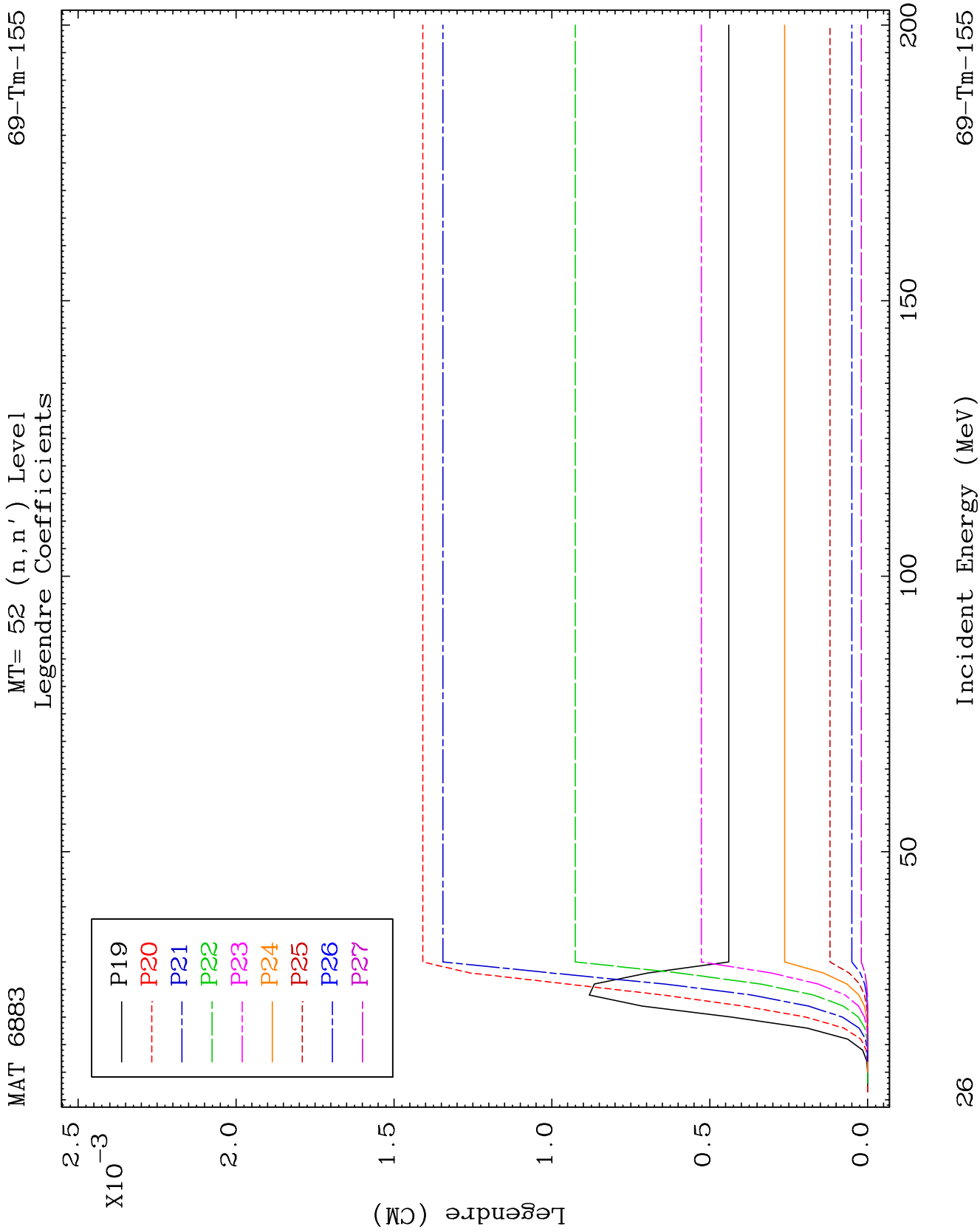
69-Tm-155







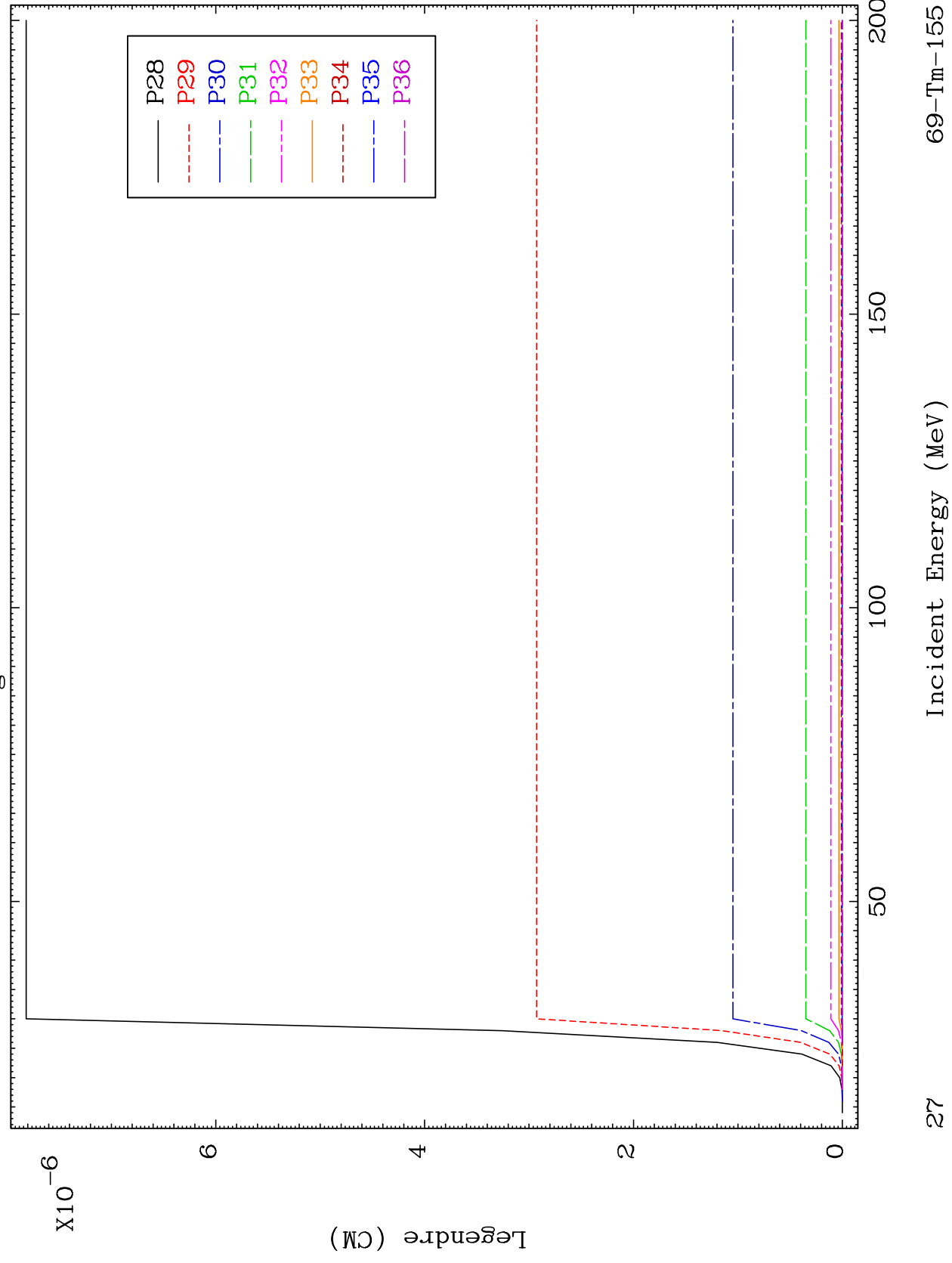




MAT 6883

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

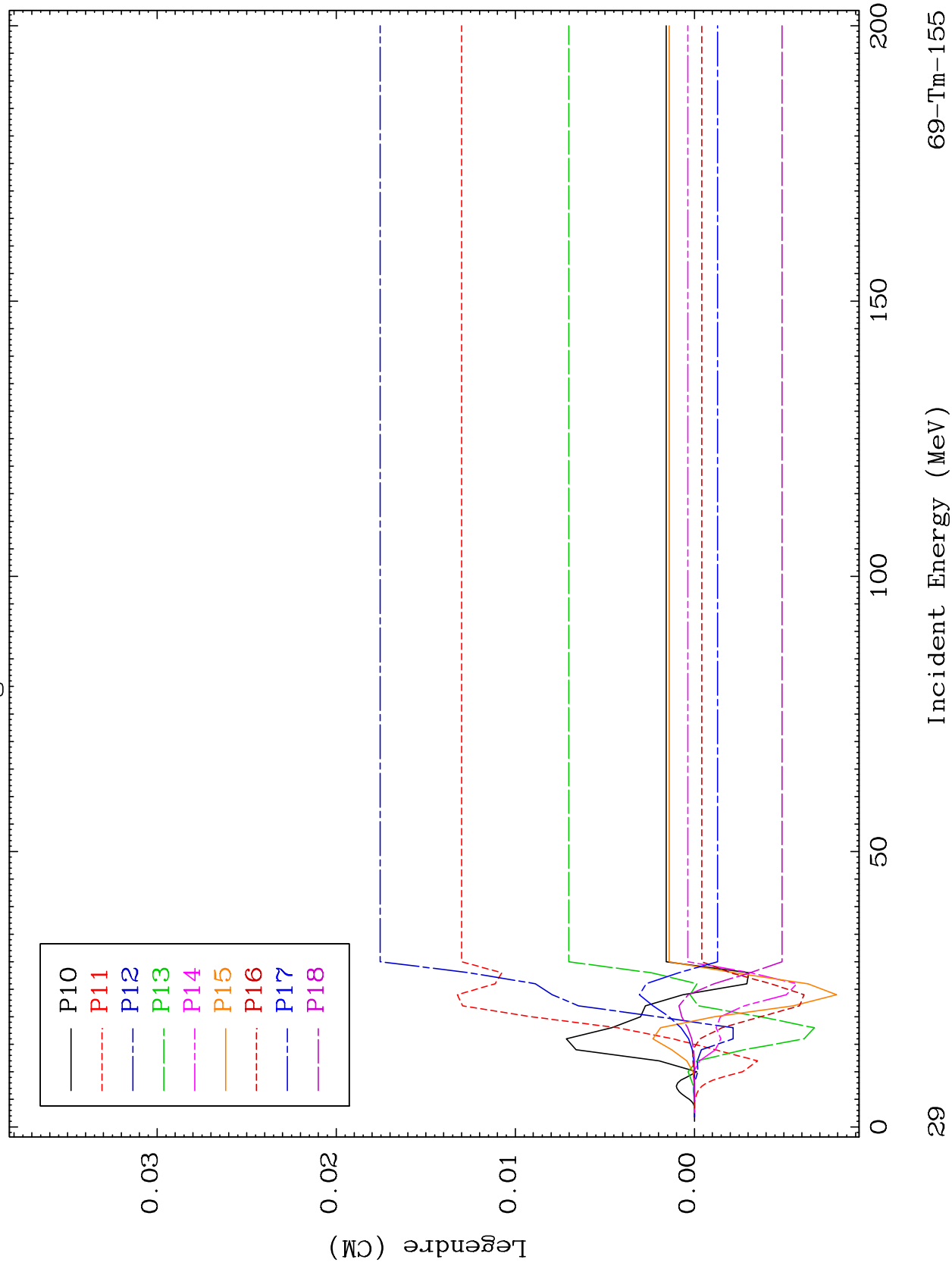
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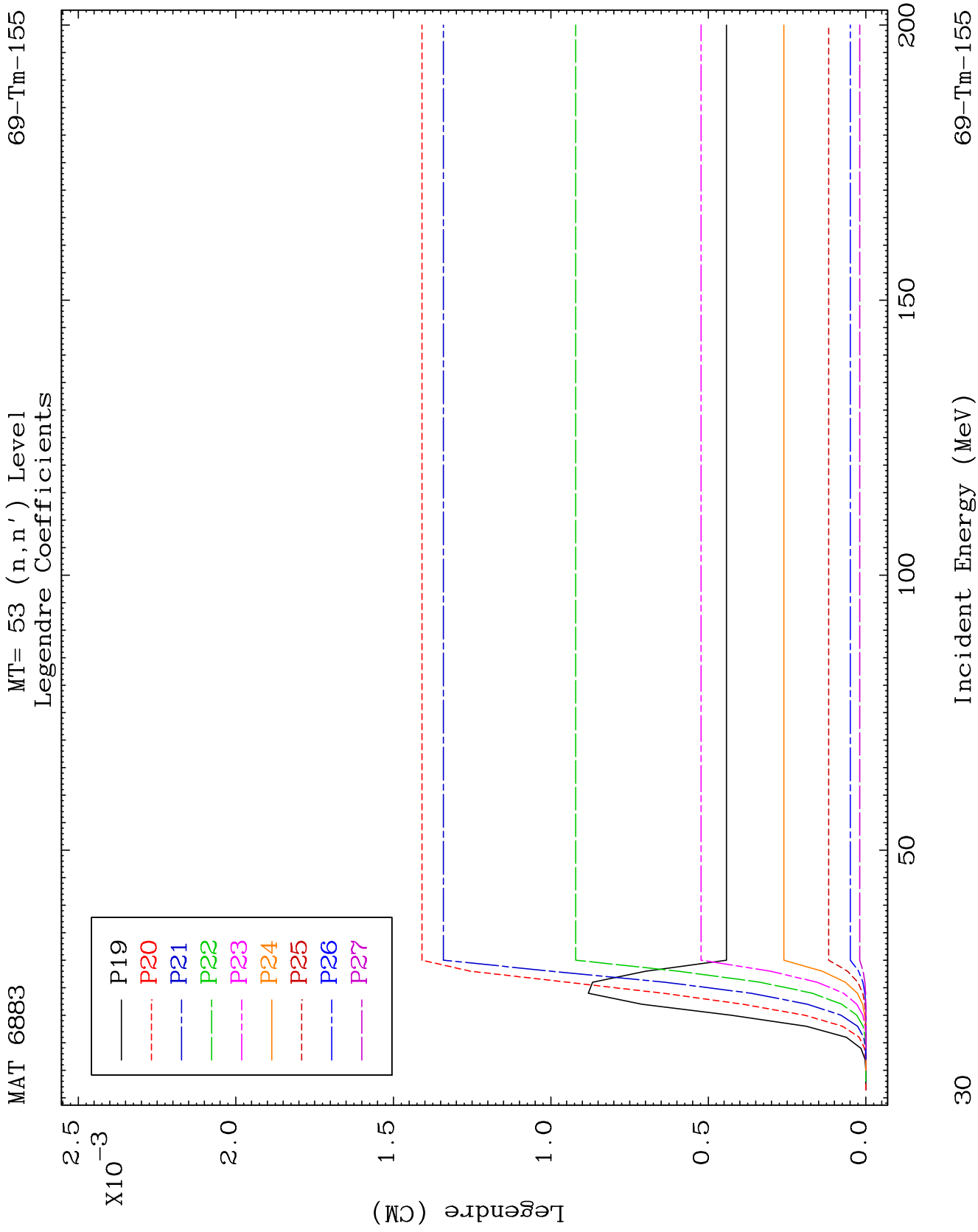


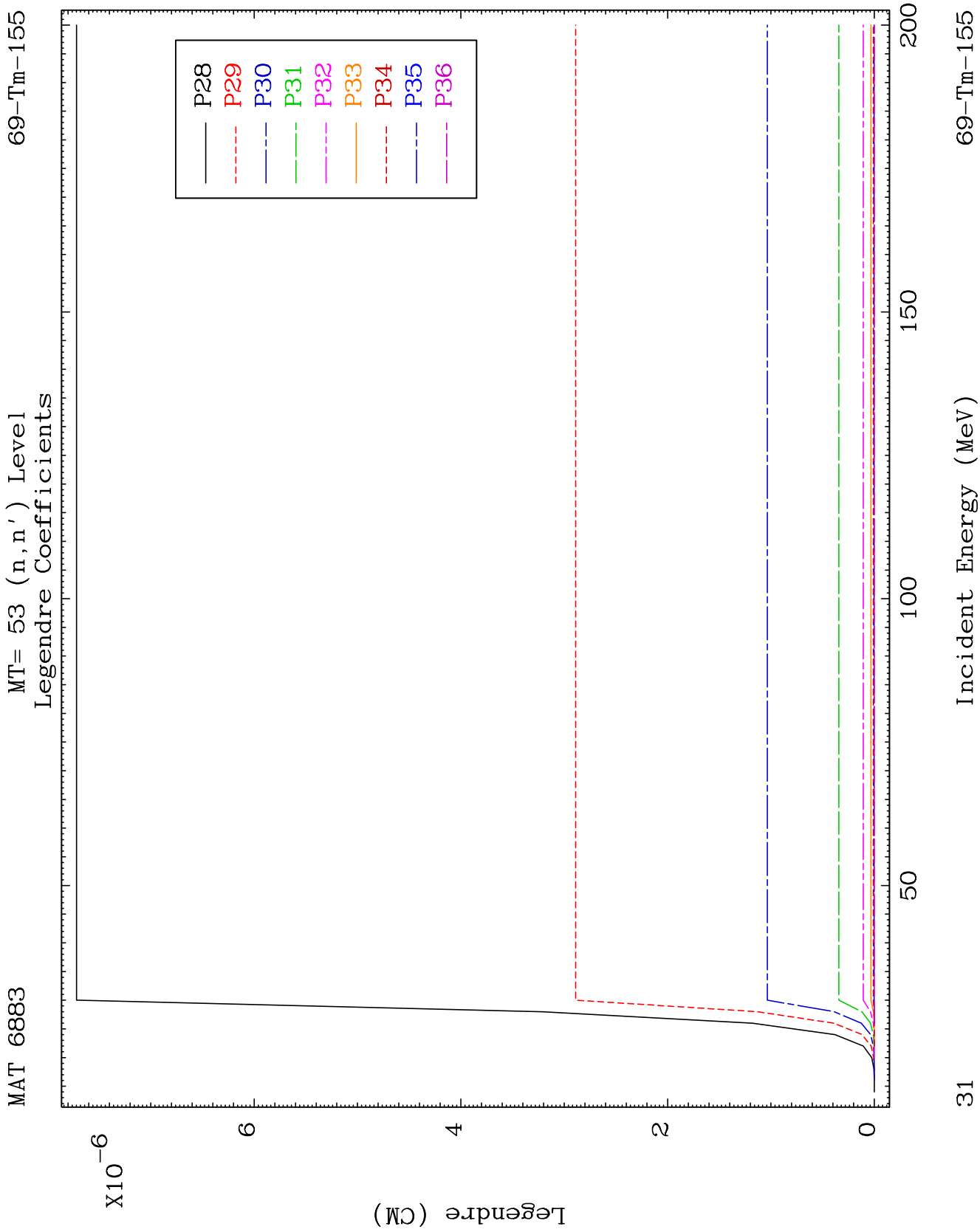
MAT 6883

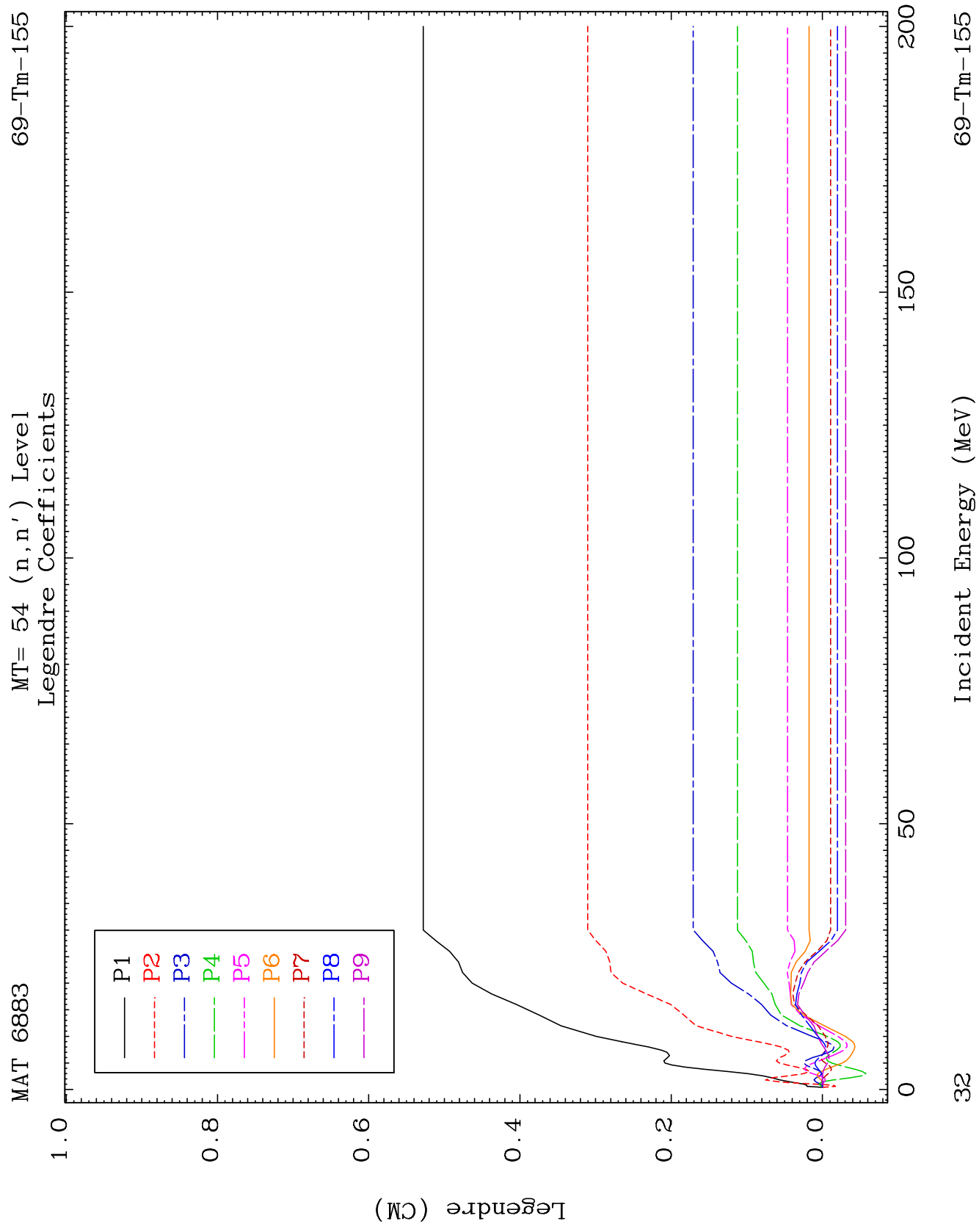
MT= 53 (n, n') Level
Legendre Coefficients

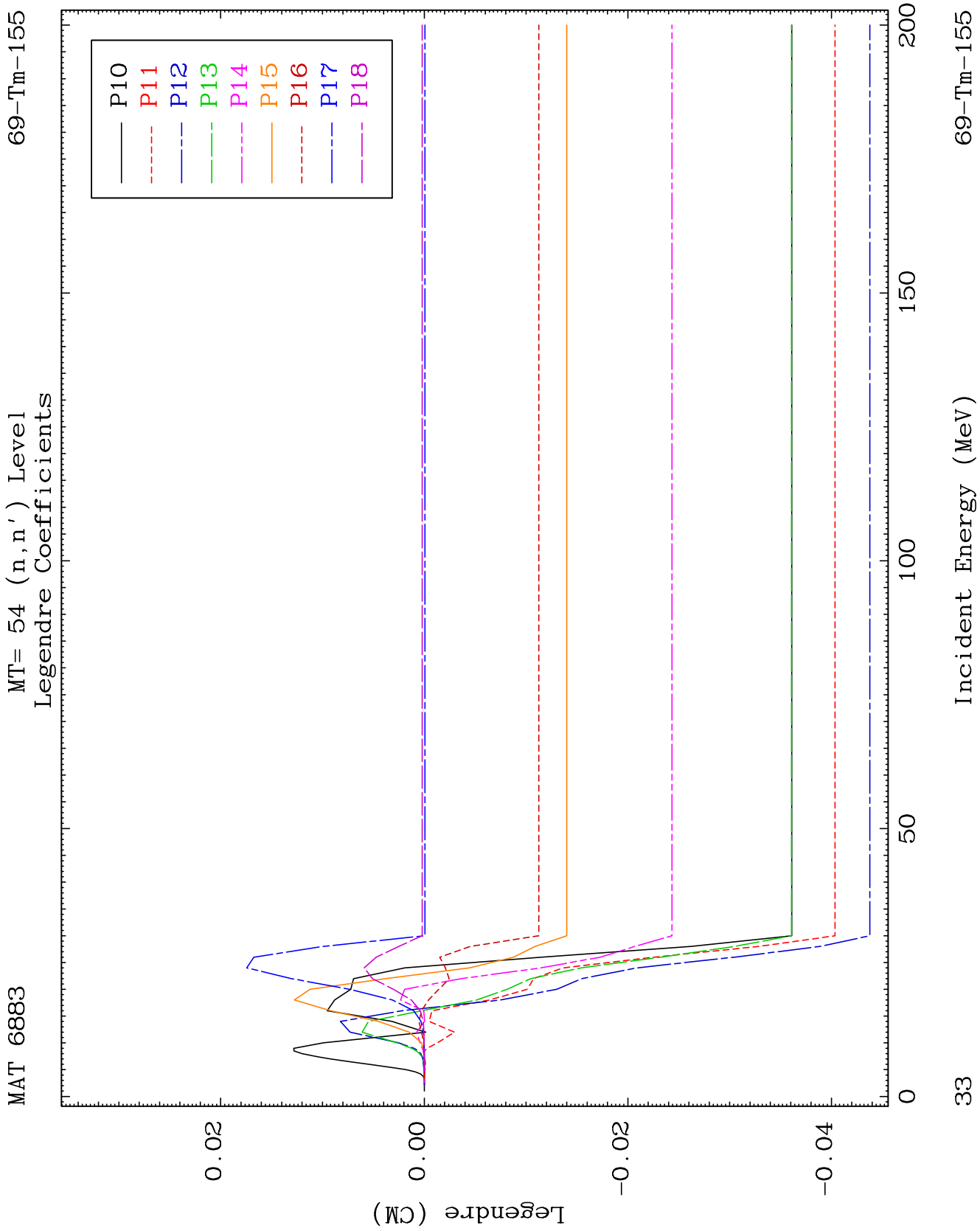
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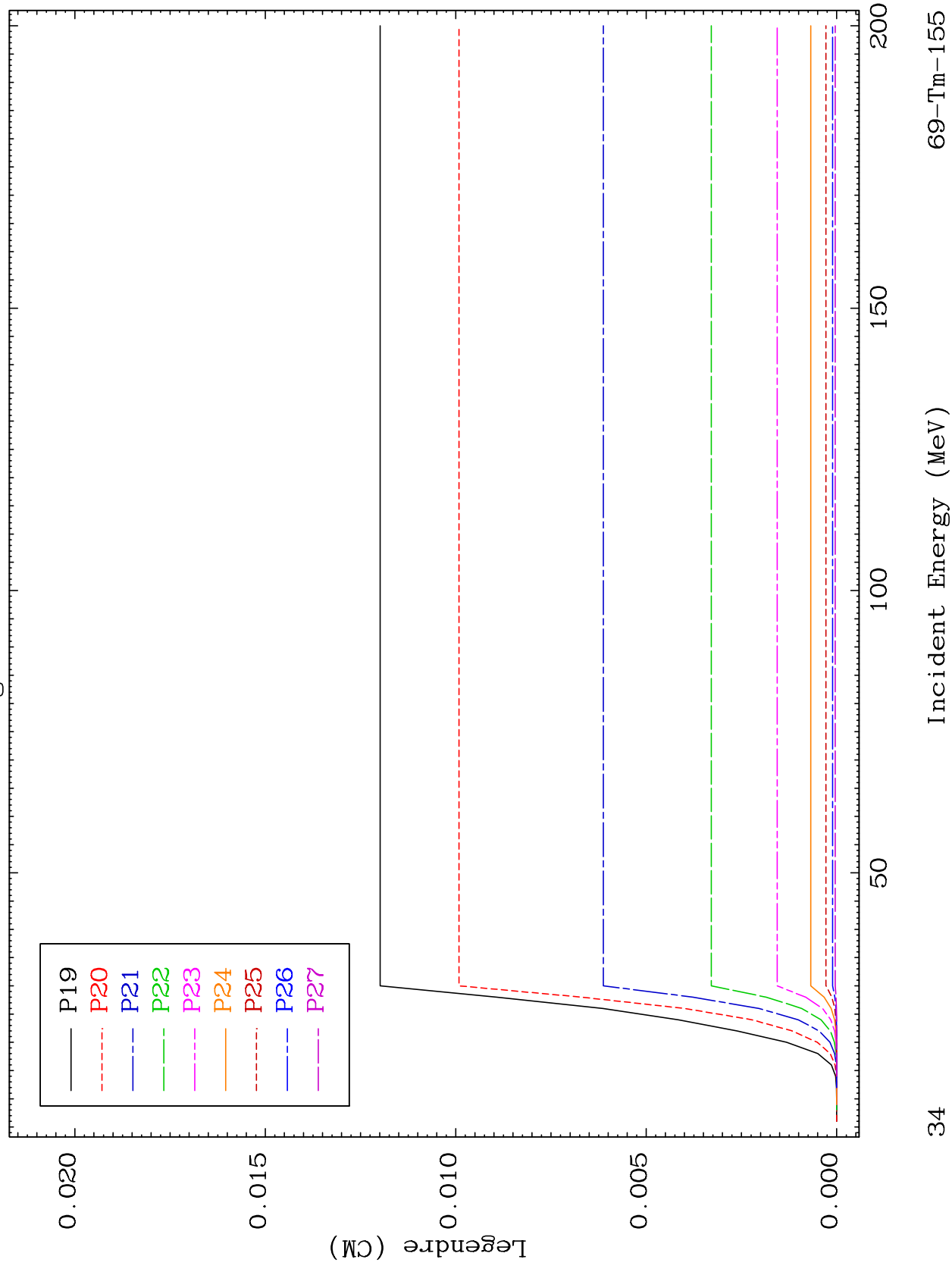




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MT= 54 (n, n') Level
Legendre Coefficients

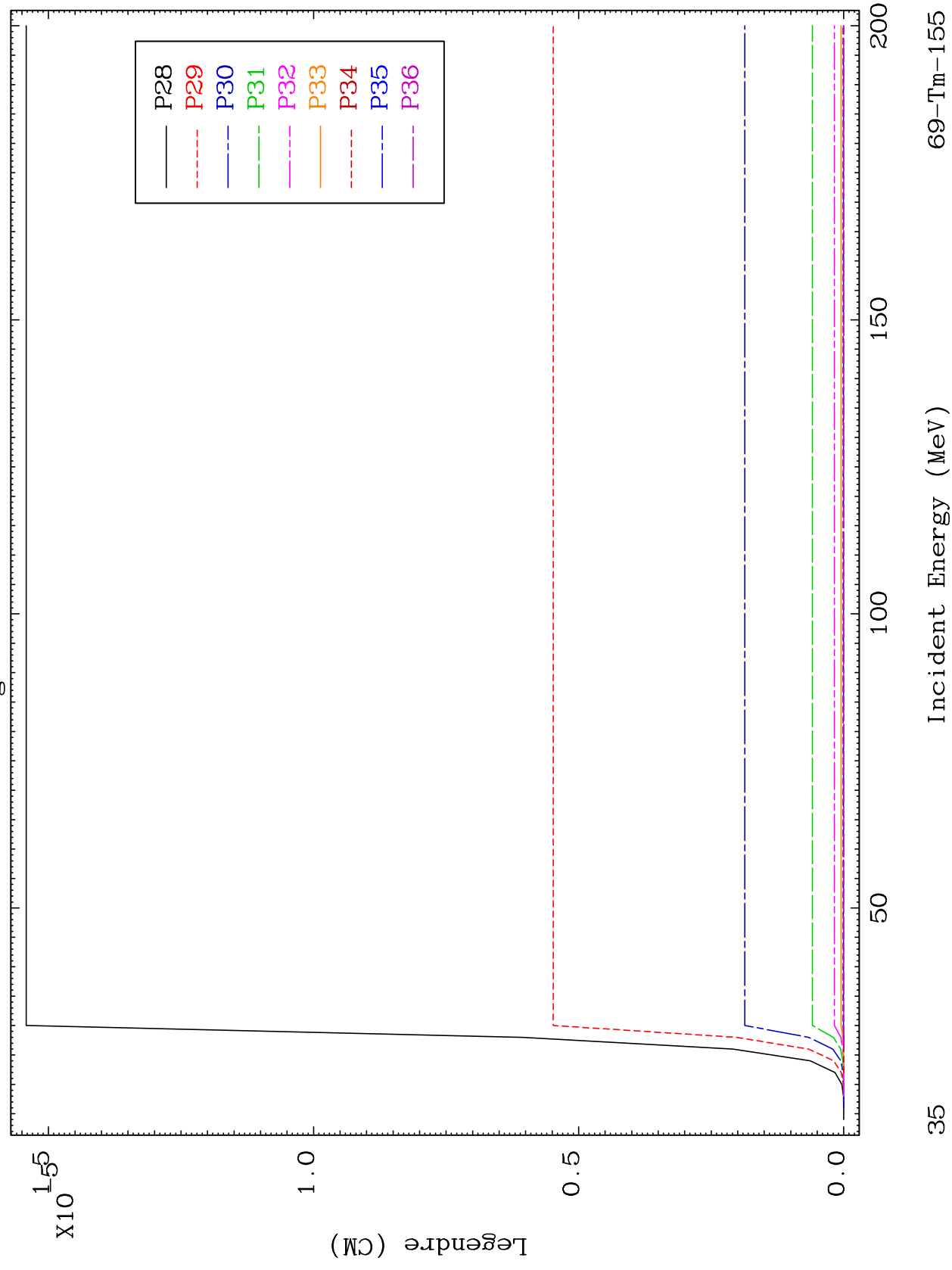
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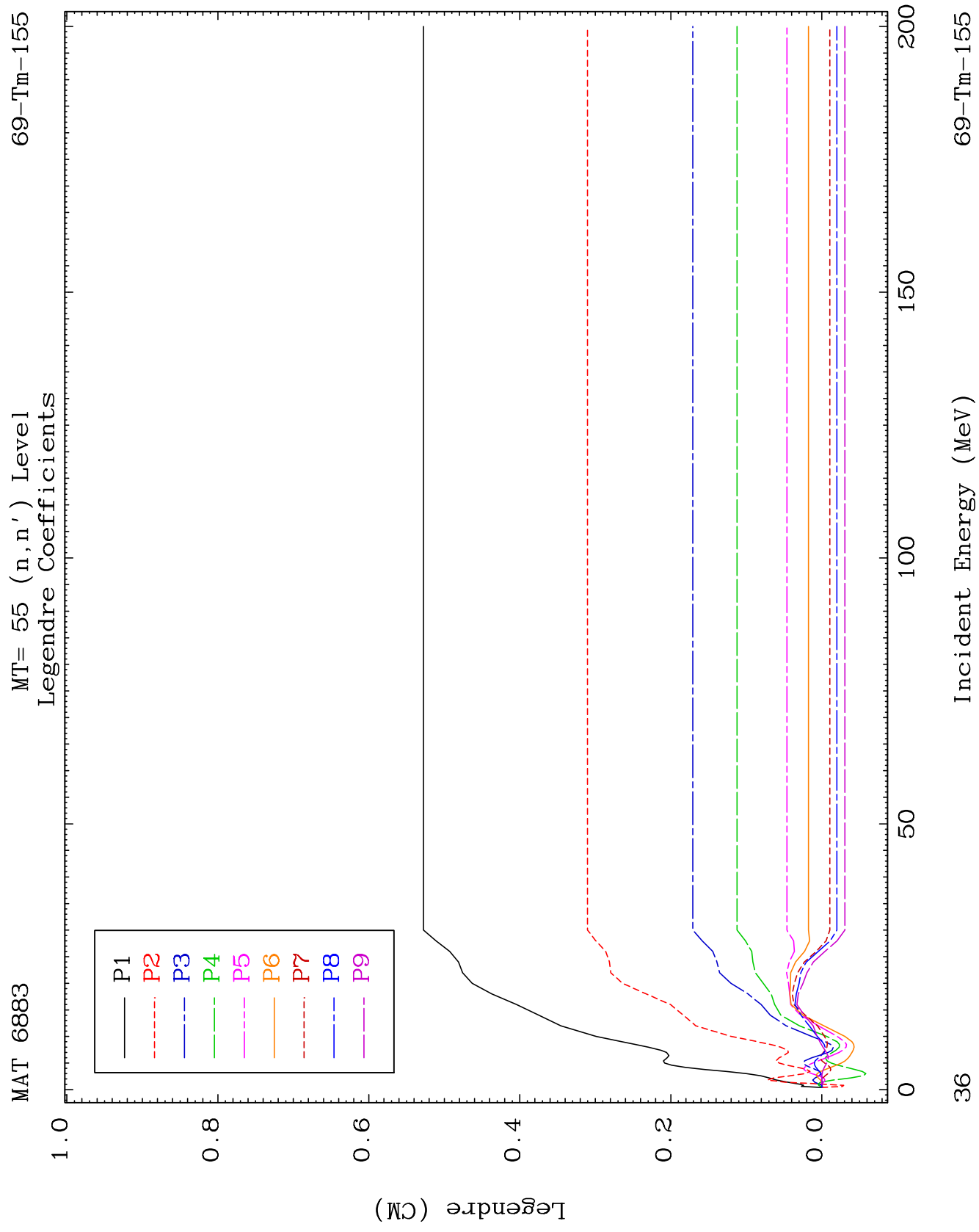


MAT 6883

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

69-Tm-155

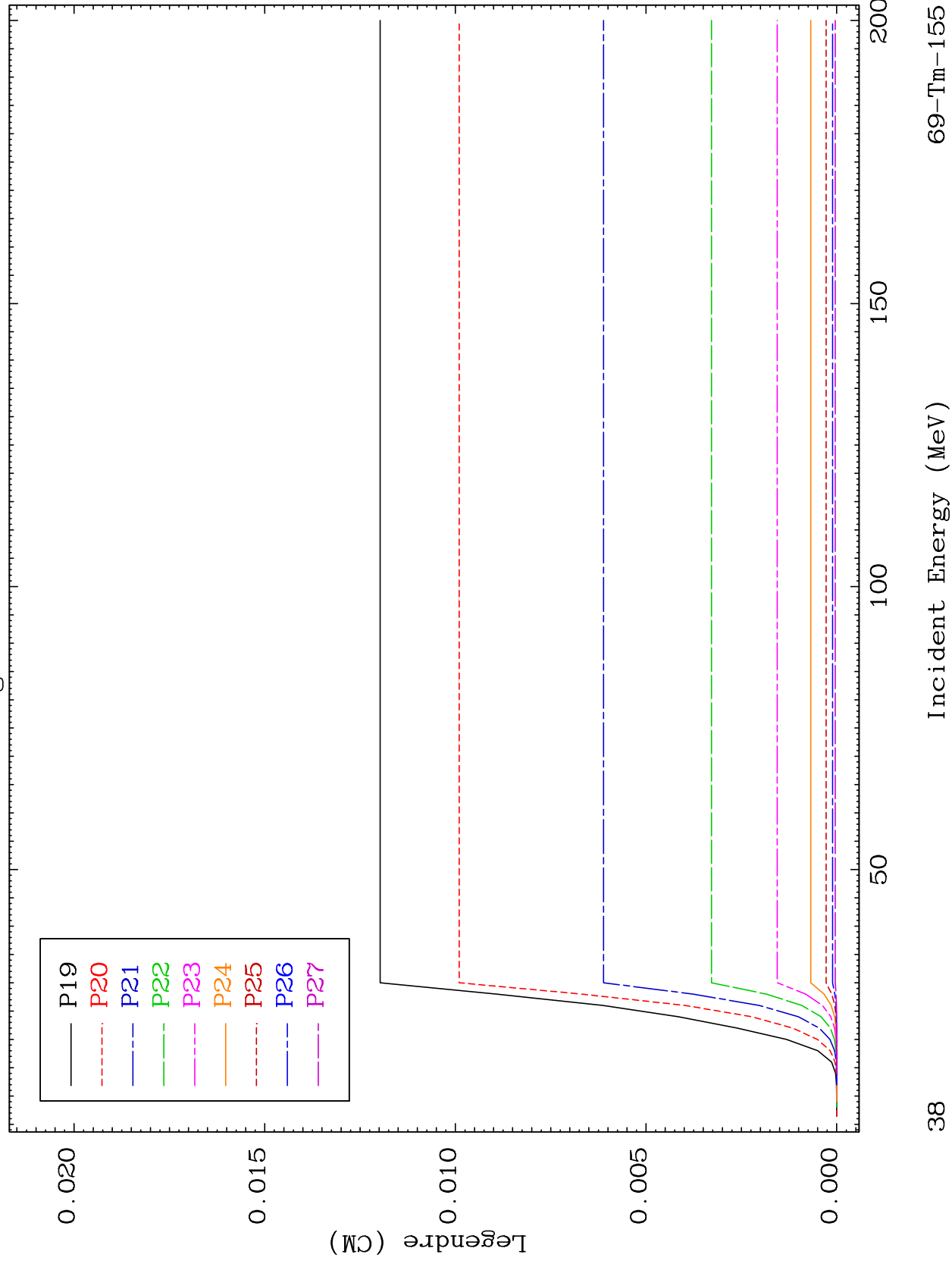


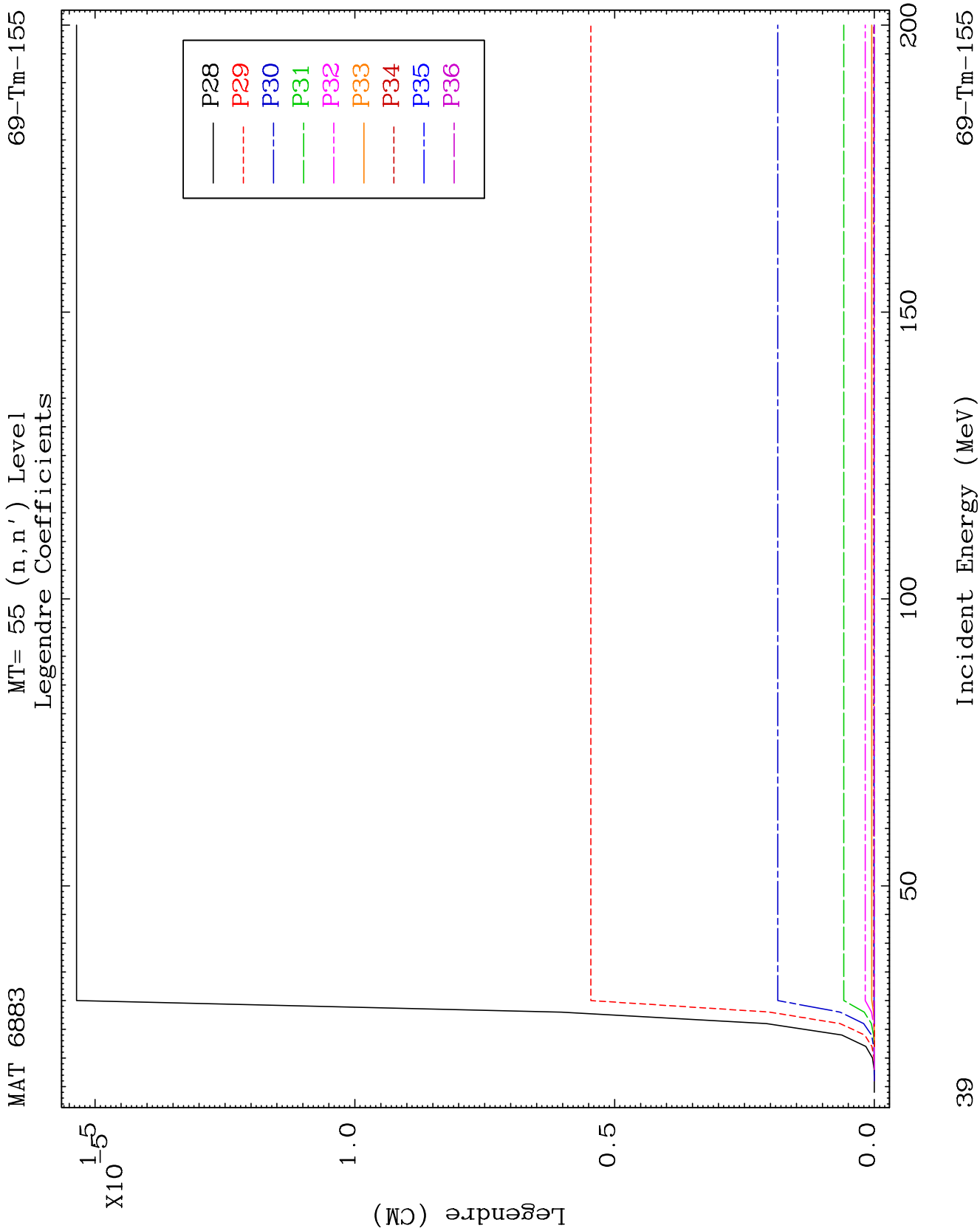


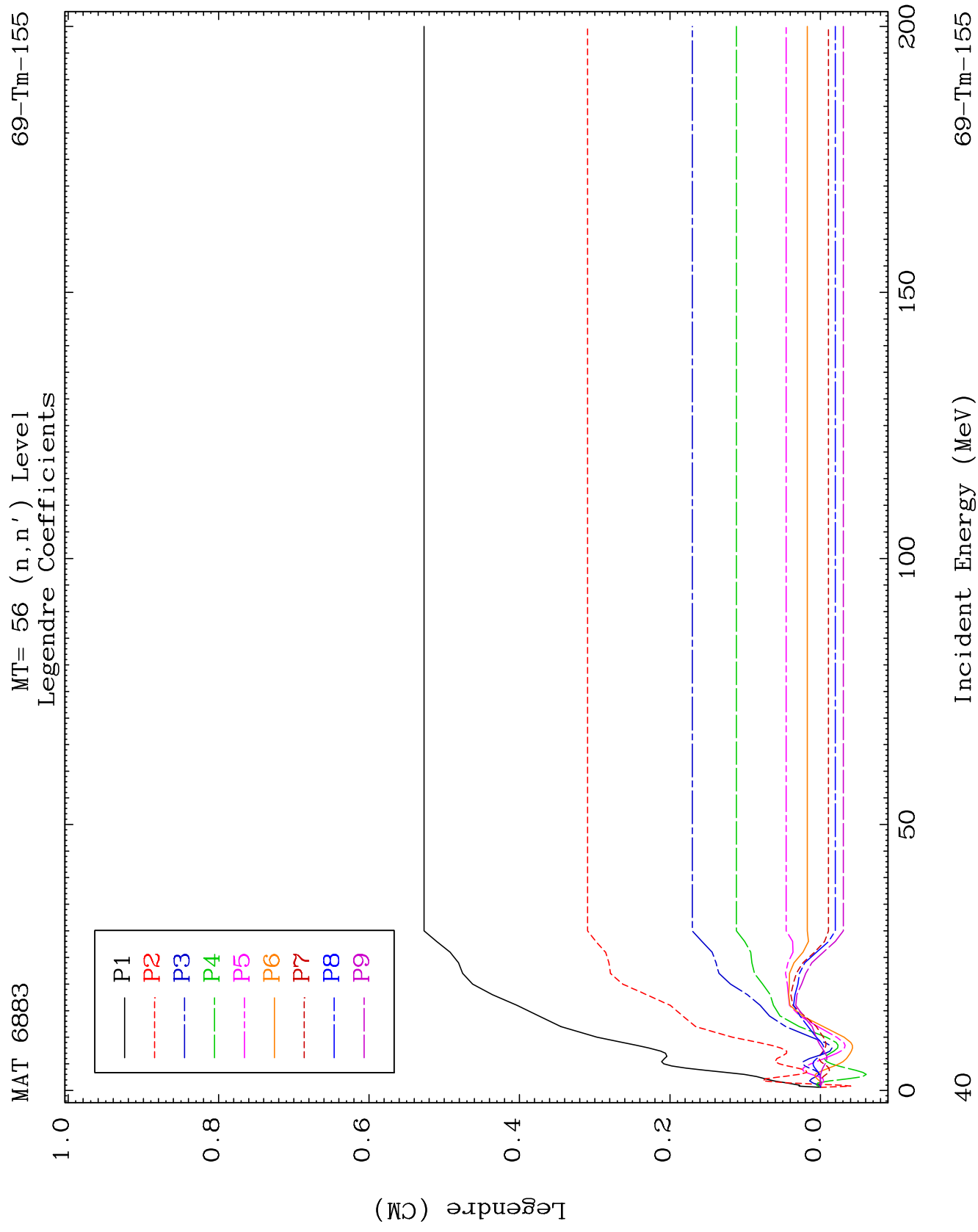
MAT 6883

MT= 55 (n, n') Level
Legendre Coefficients

69-Tm-155



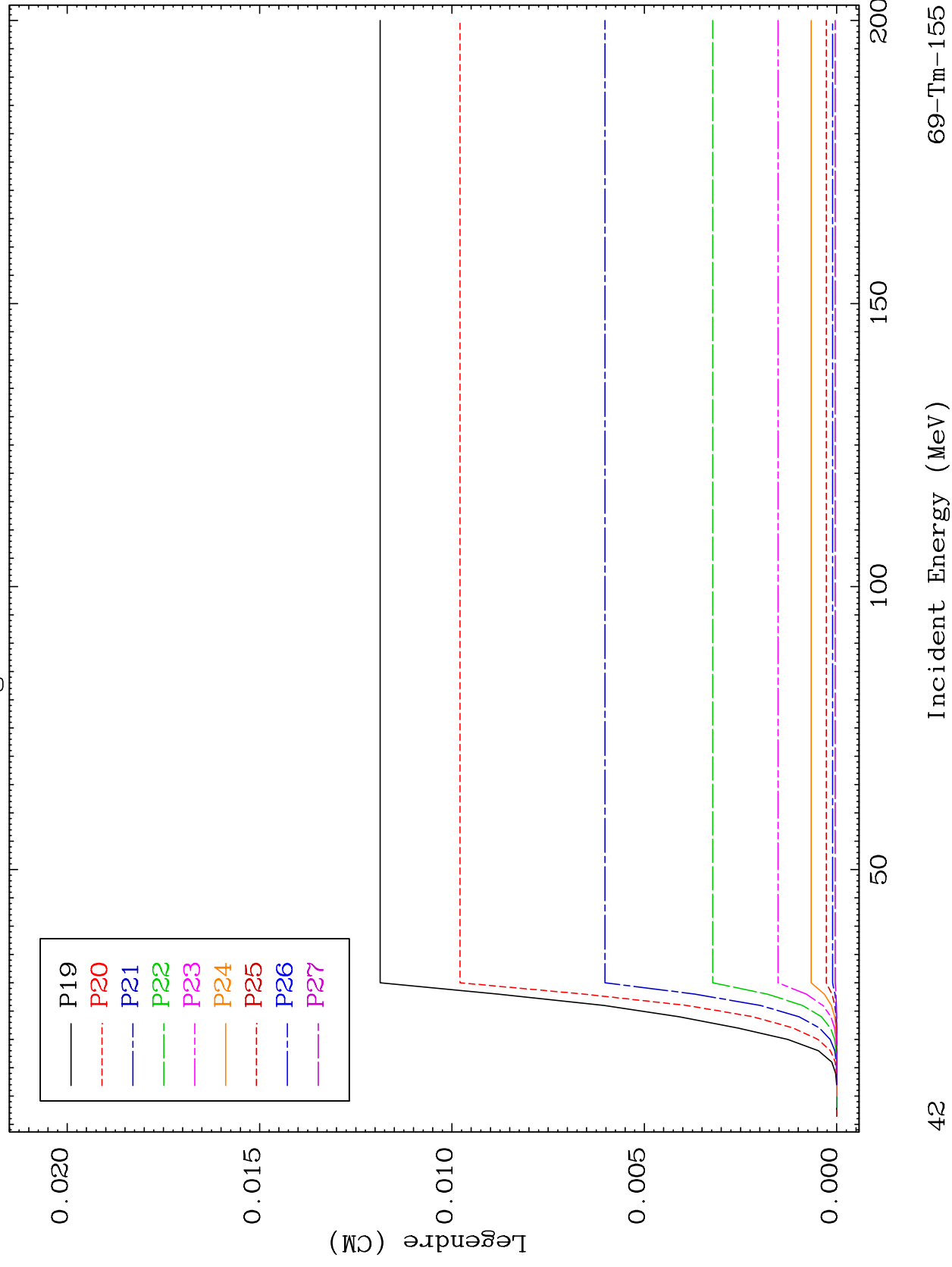


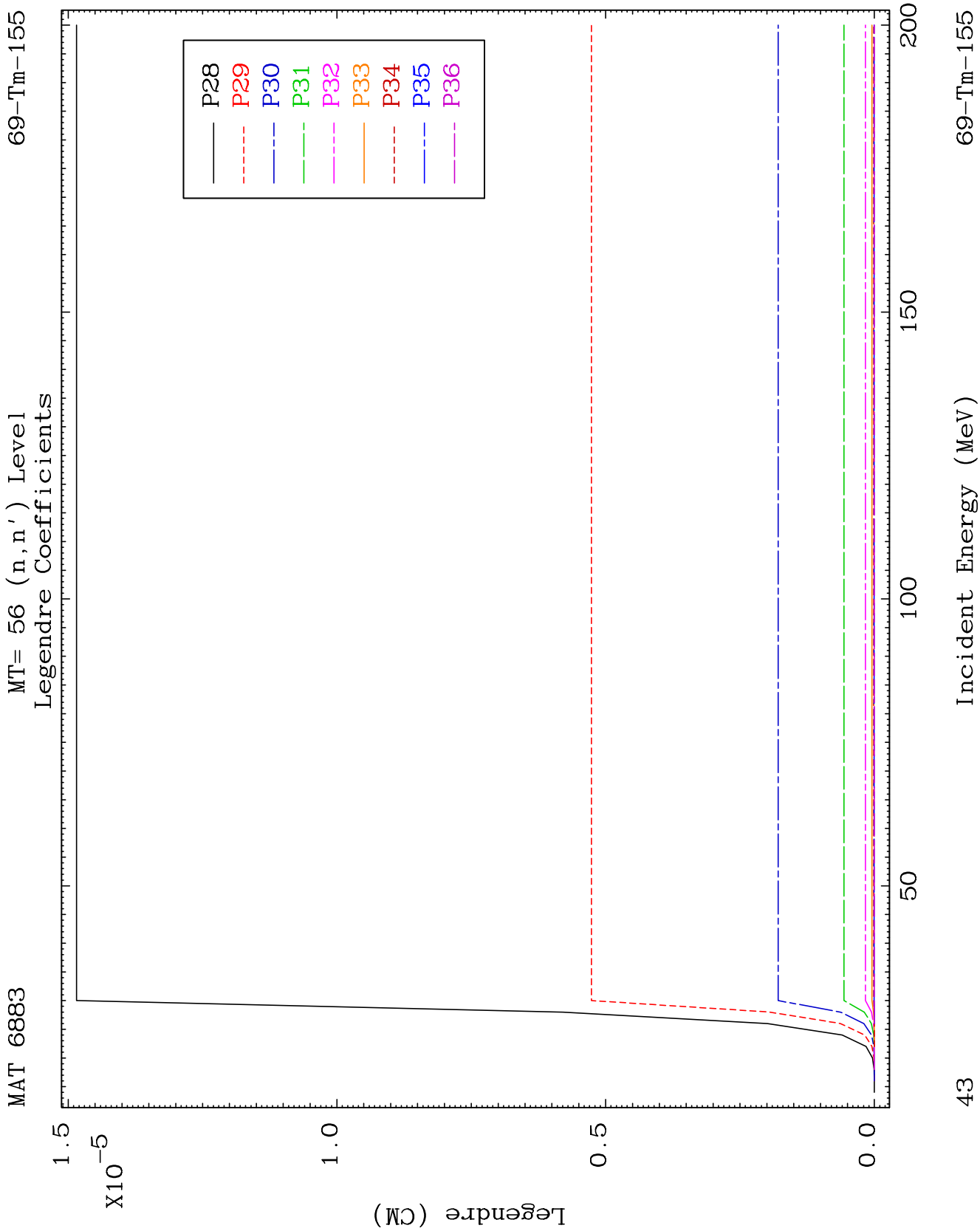


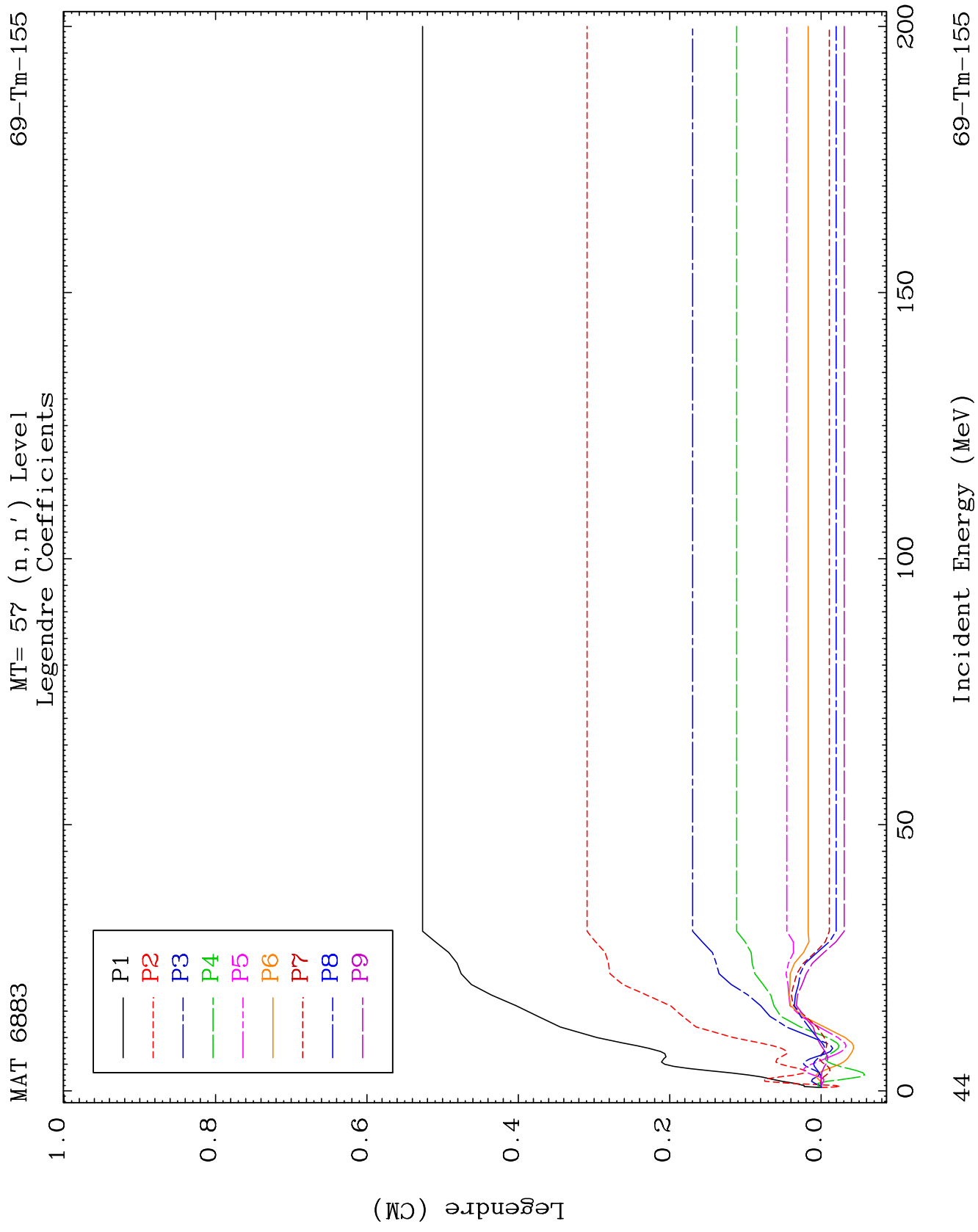
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MT= 56 (n, n') Level
Legendre Coefficients

69-Tm-155



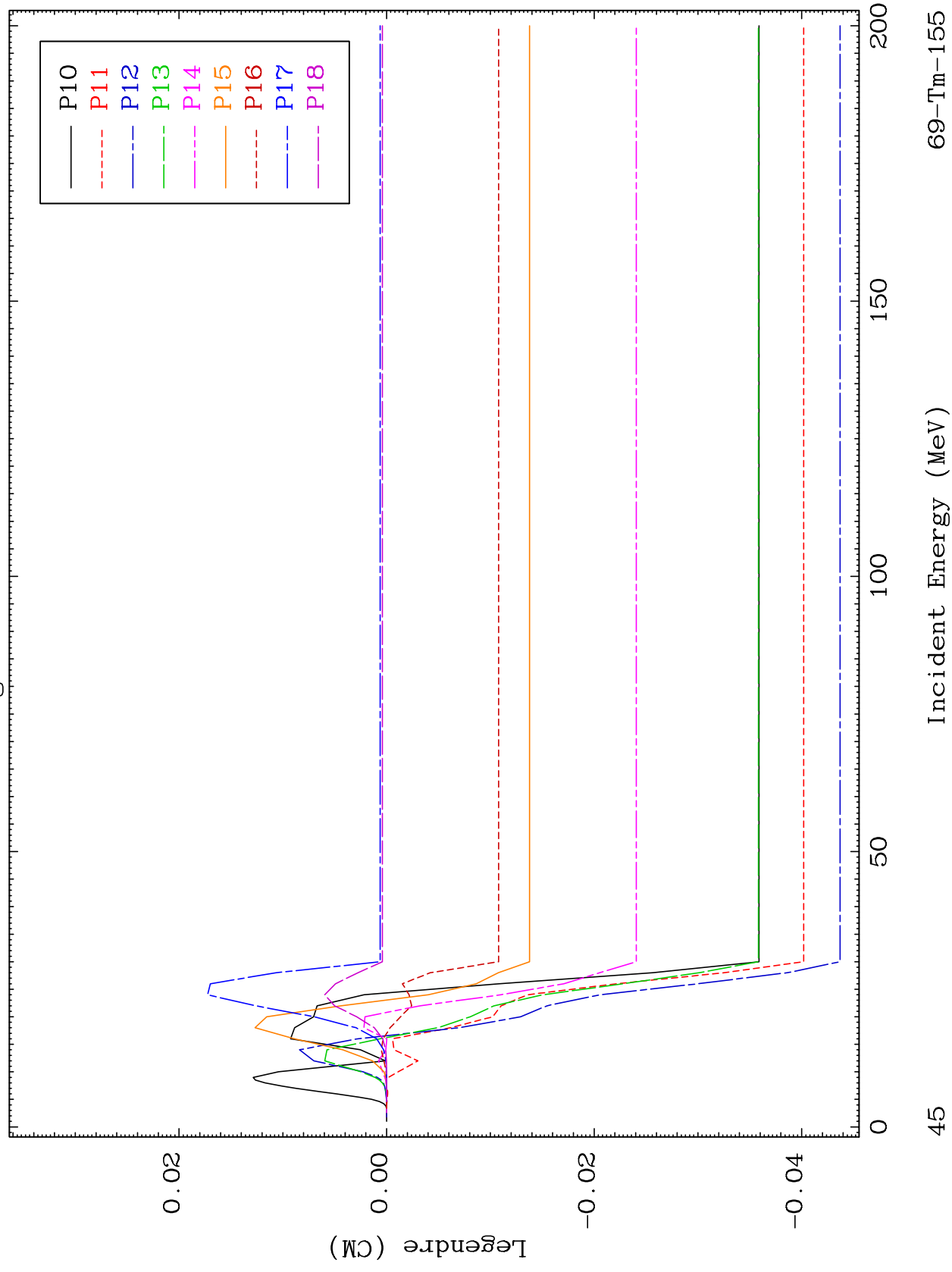


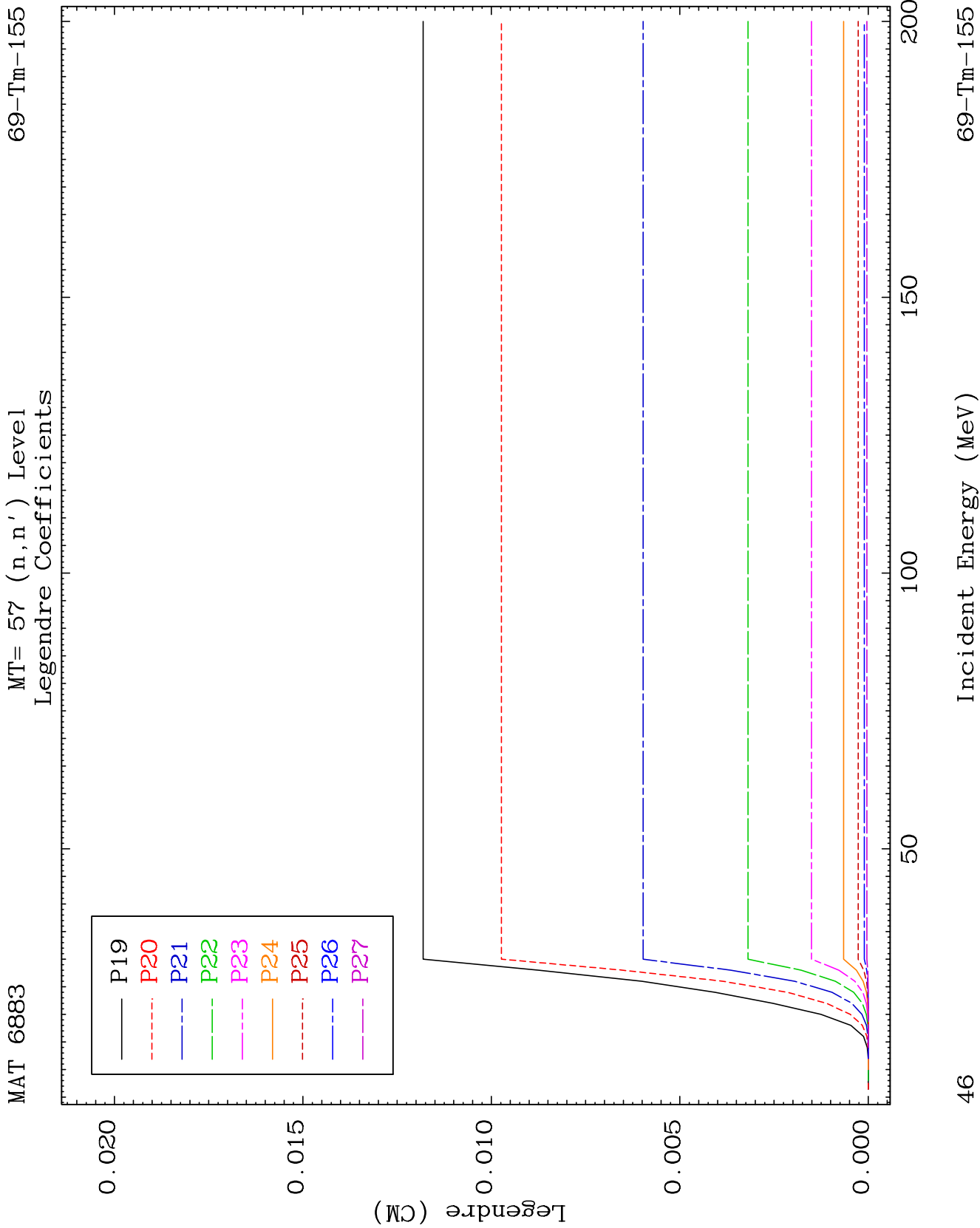


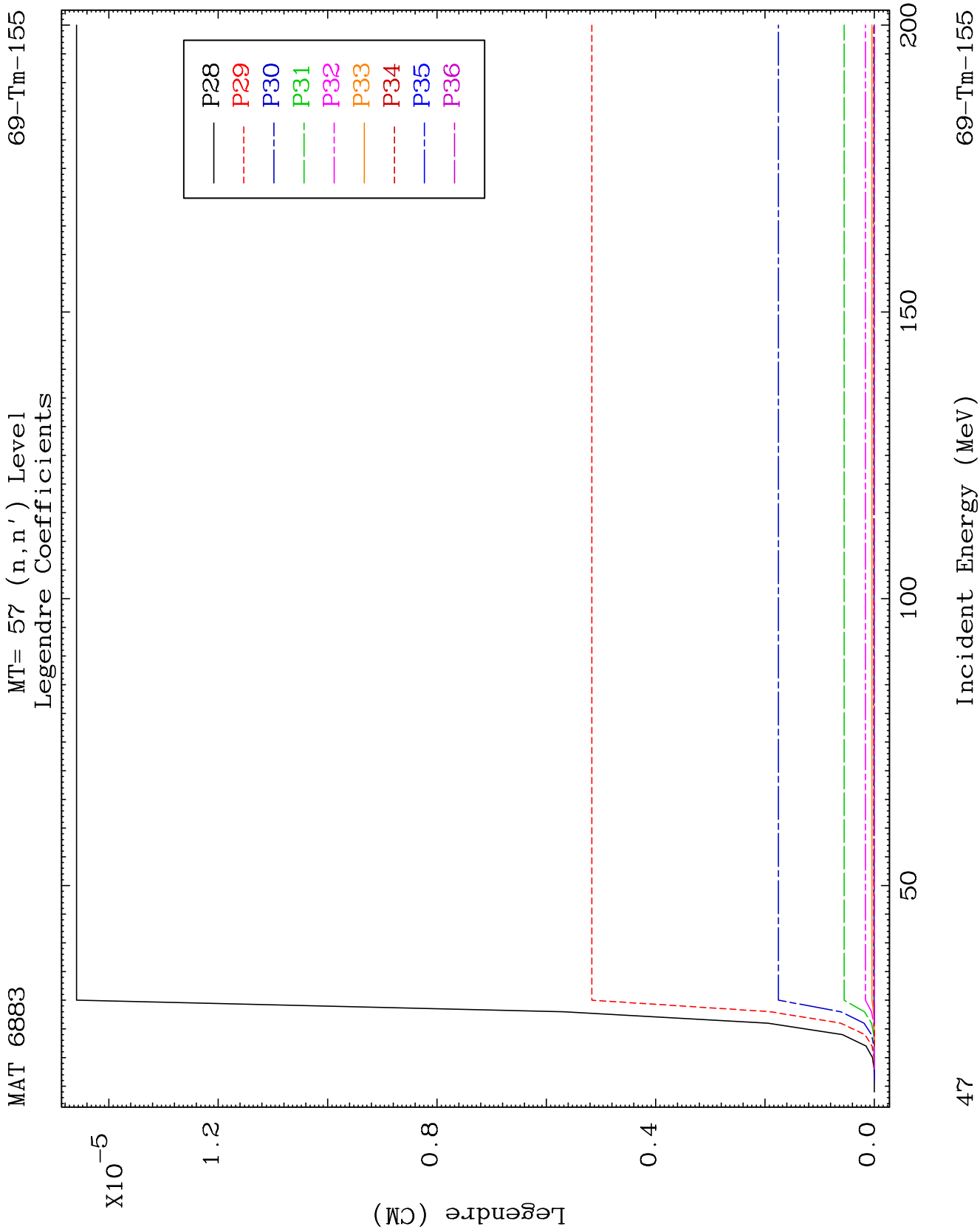
MAT 6883

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

69-Tm-155



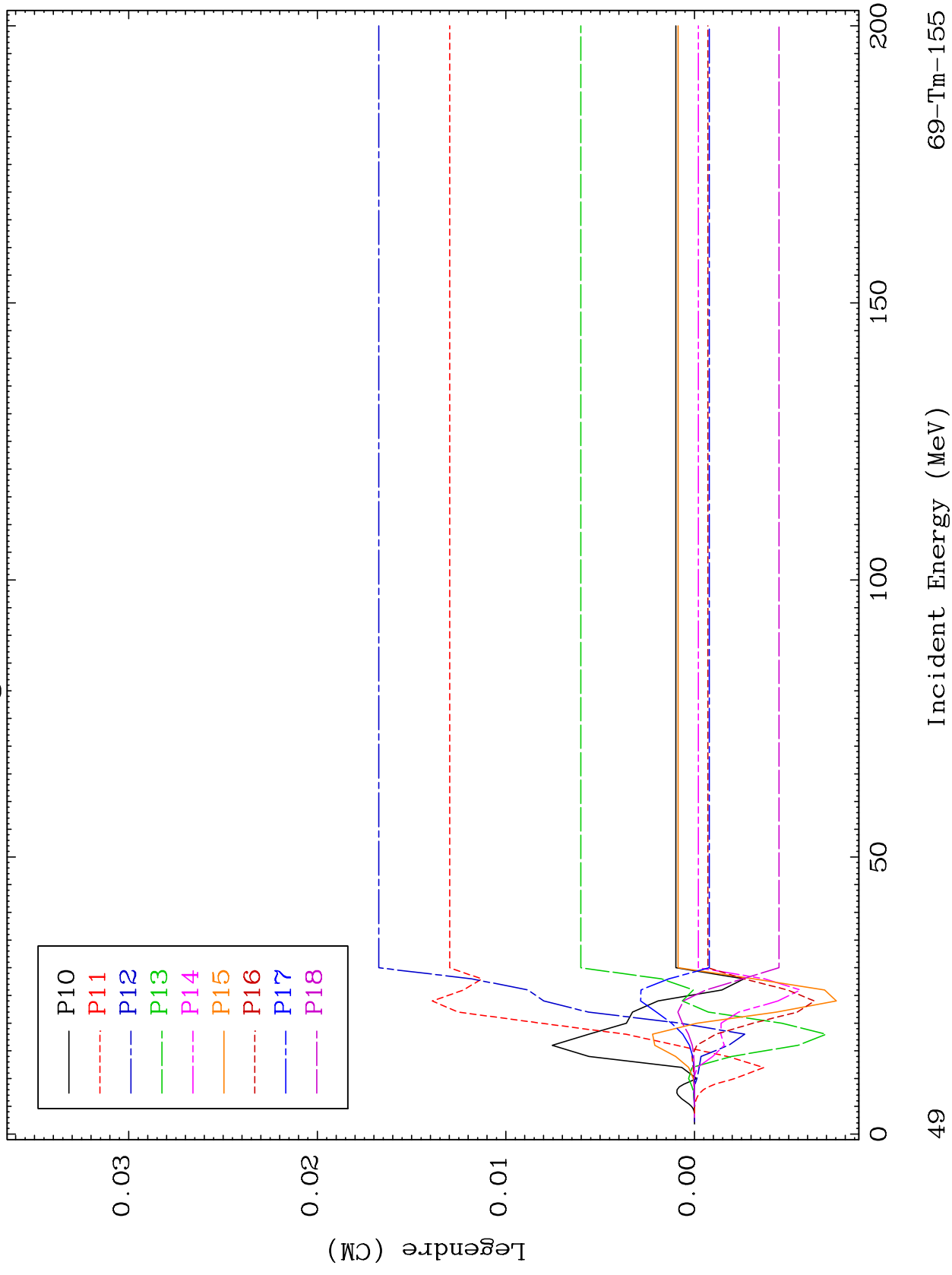


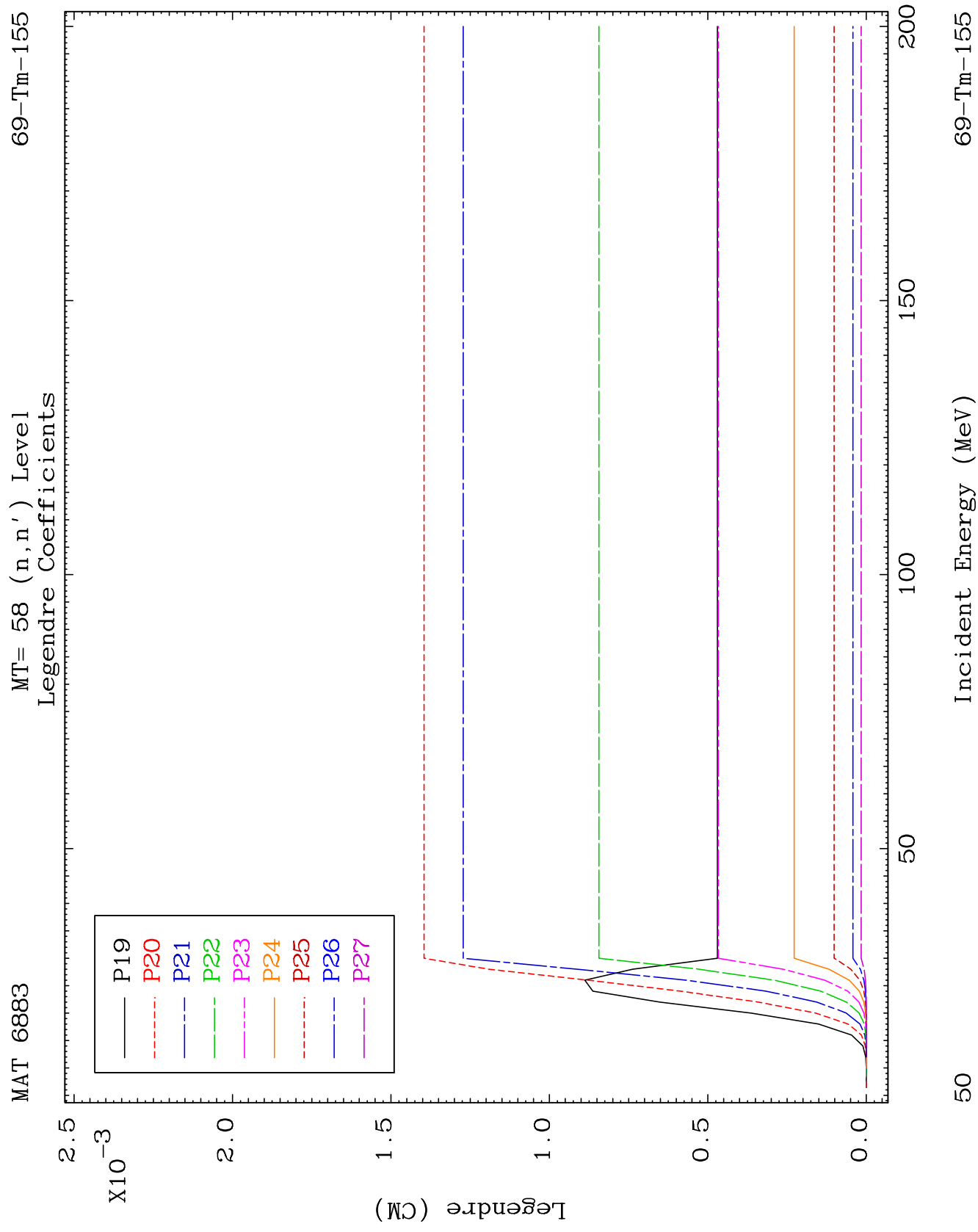


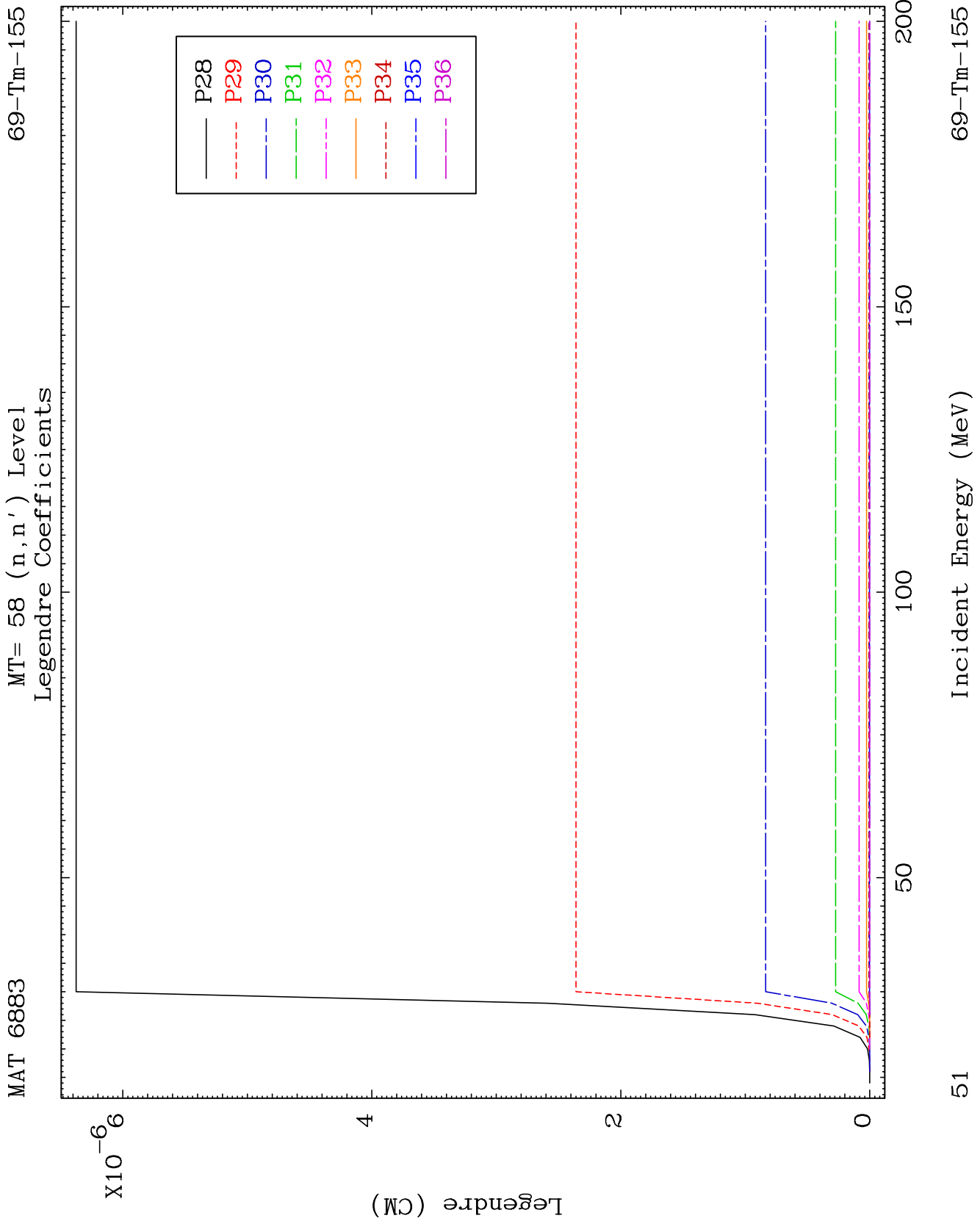
MAT 6883

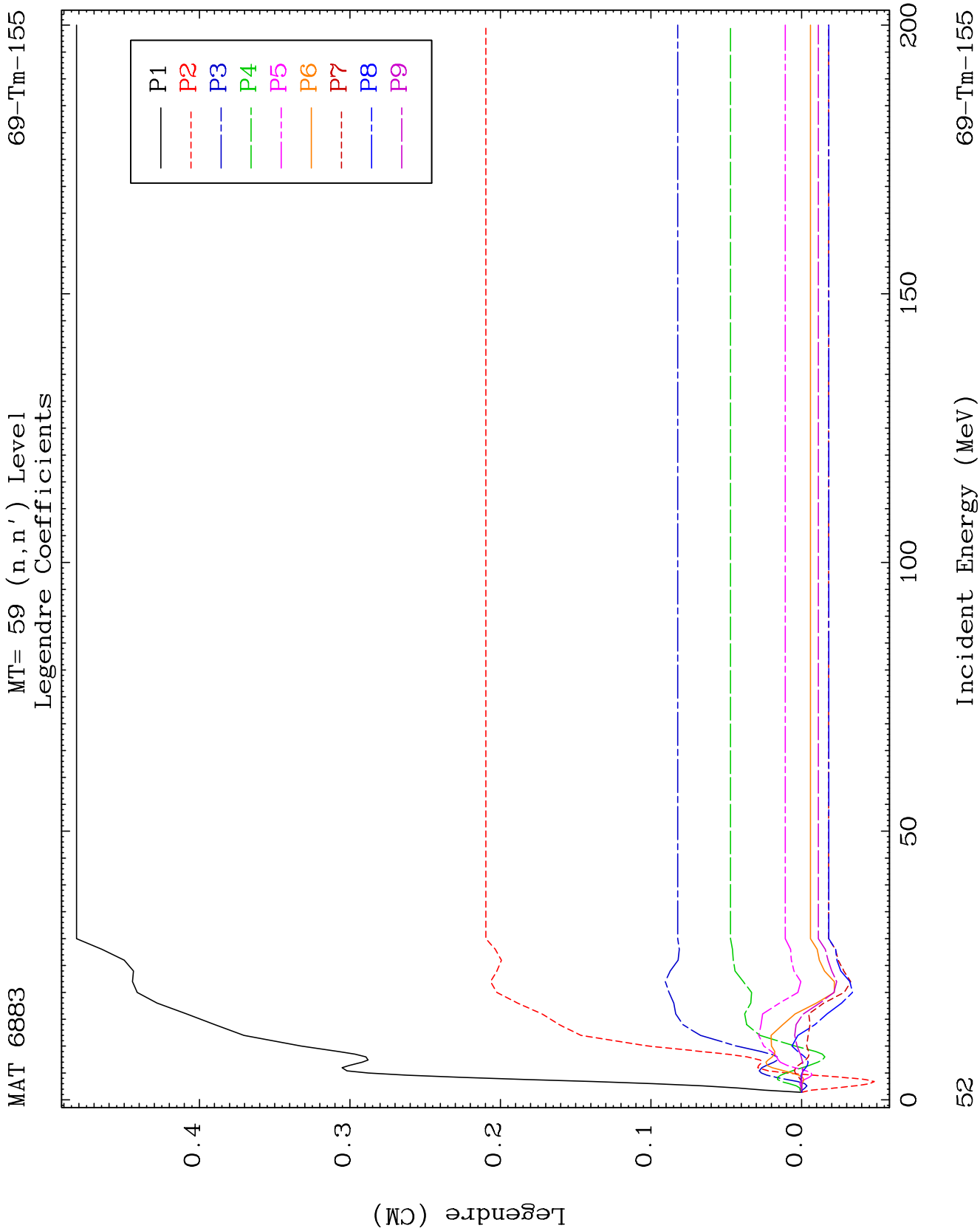
MT= 58 (n, n') Level
Legendre Coefficients

69-Tm-155





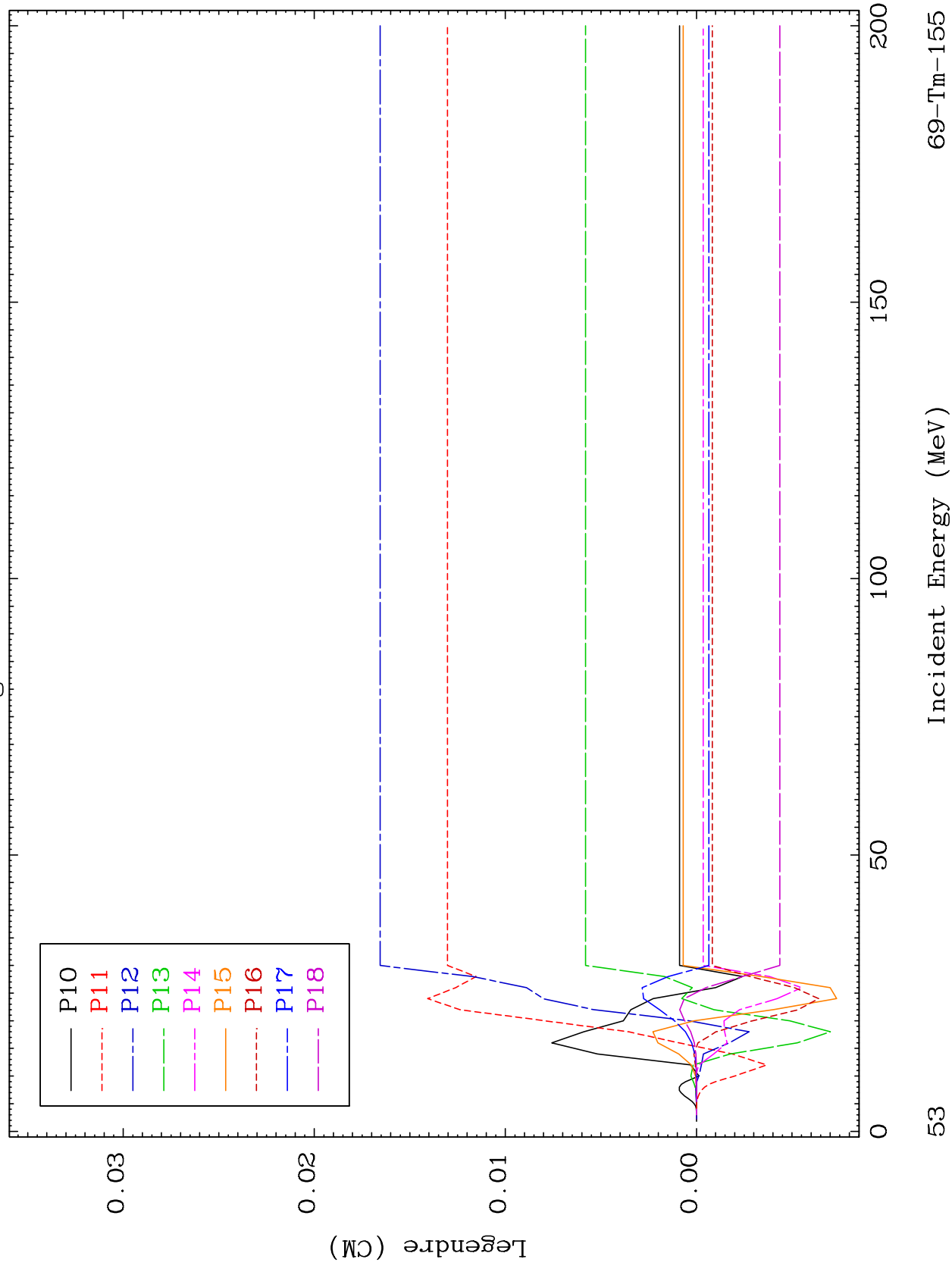


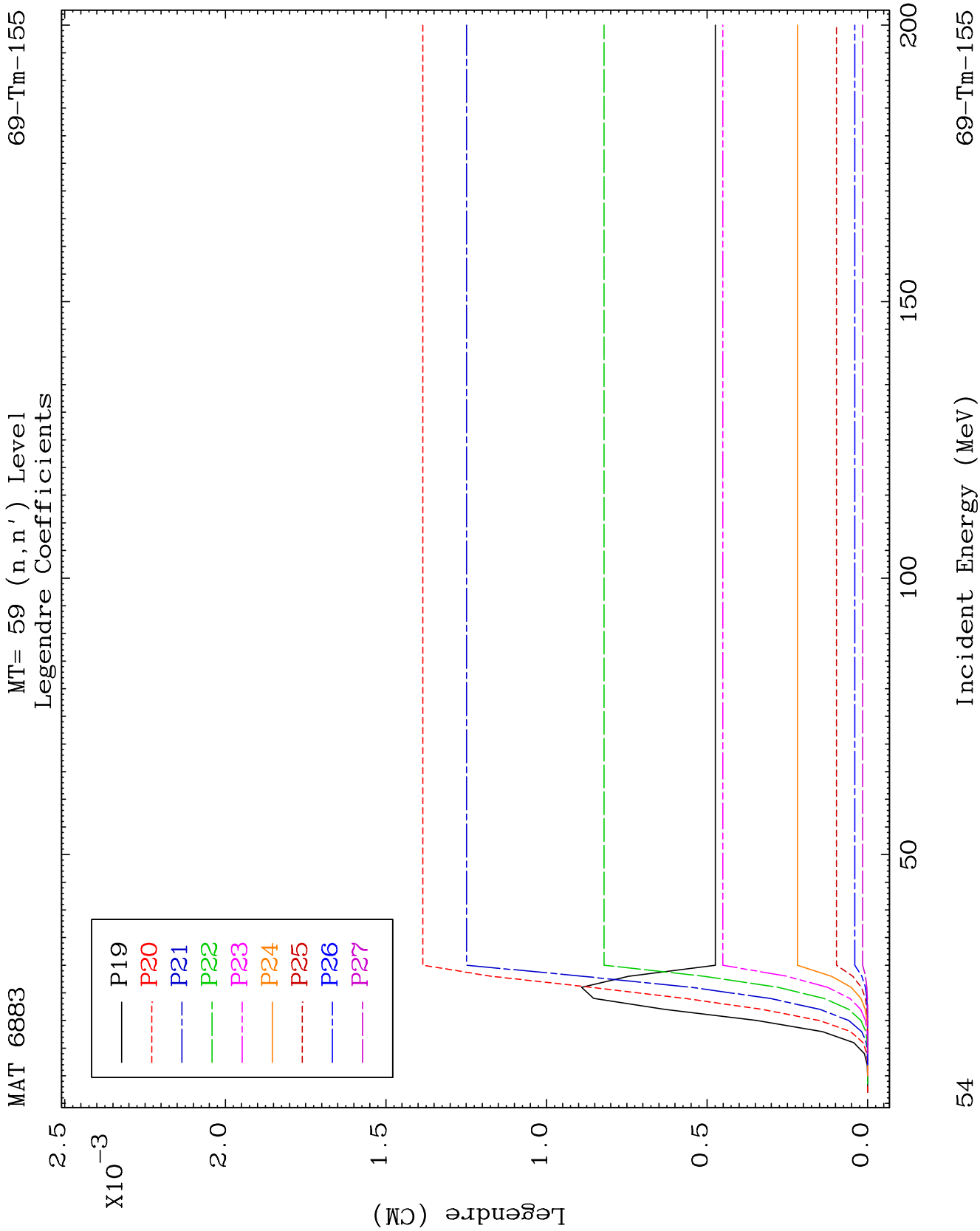


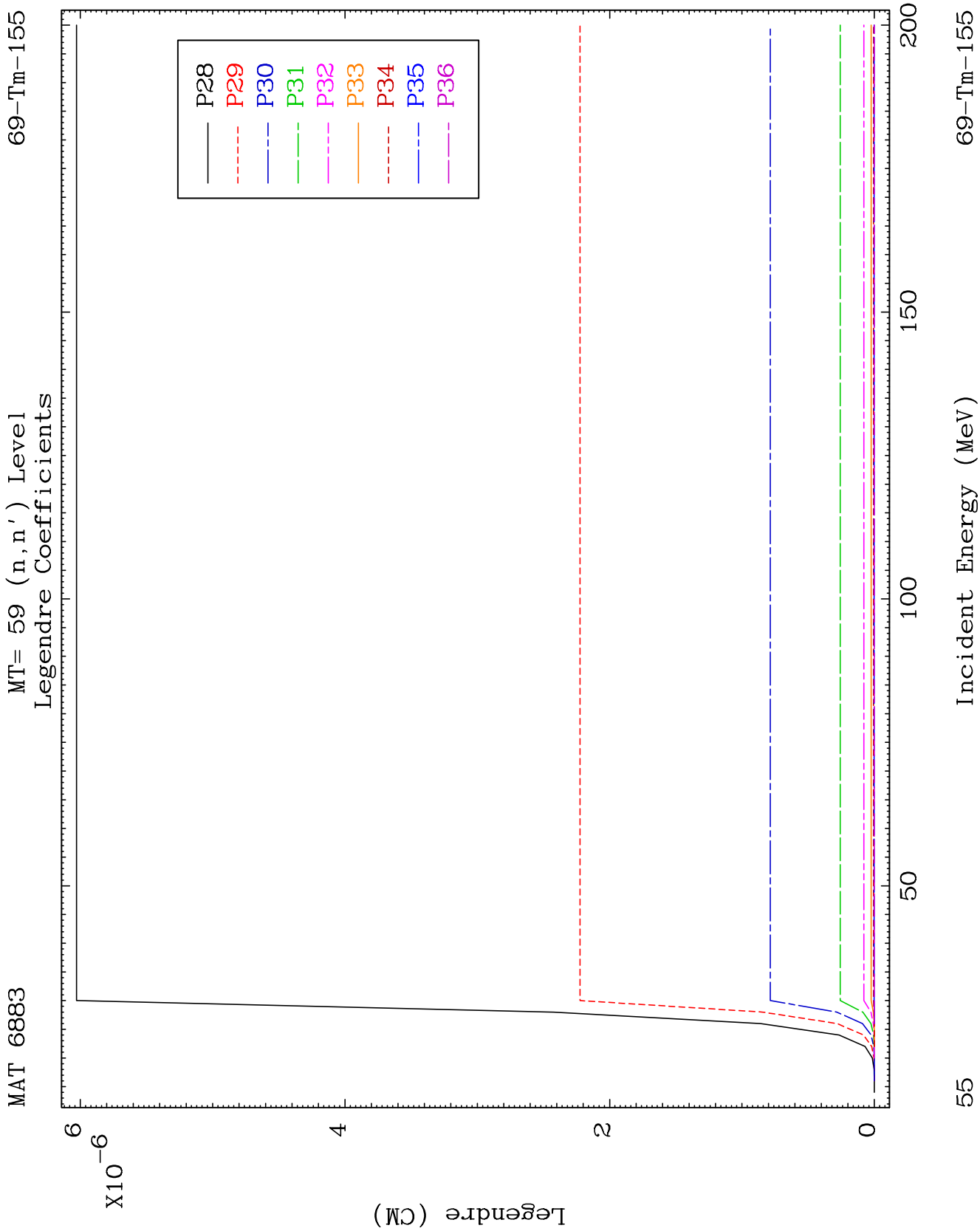
MAT 6883

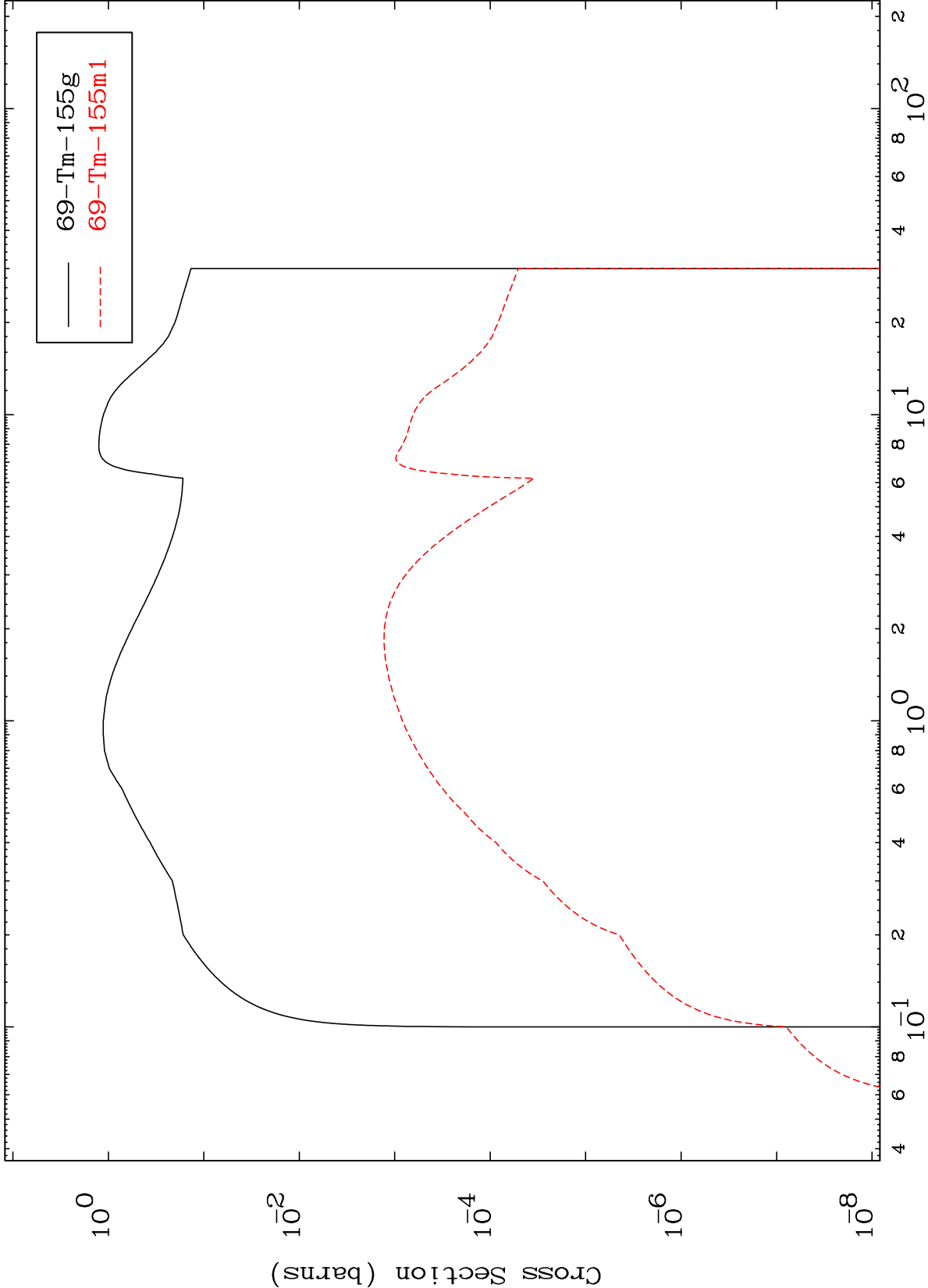
MT= 59 (n, n') Level
Legendre Coefficients

69-Tm-155

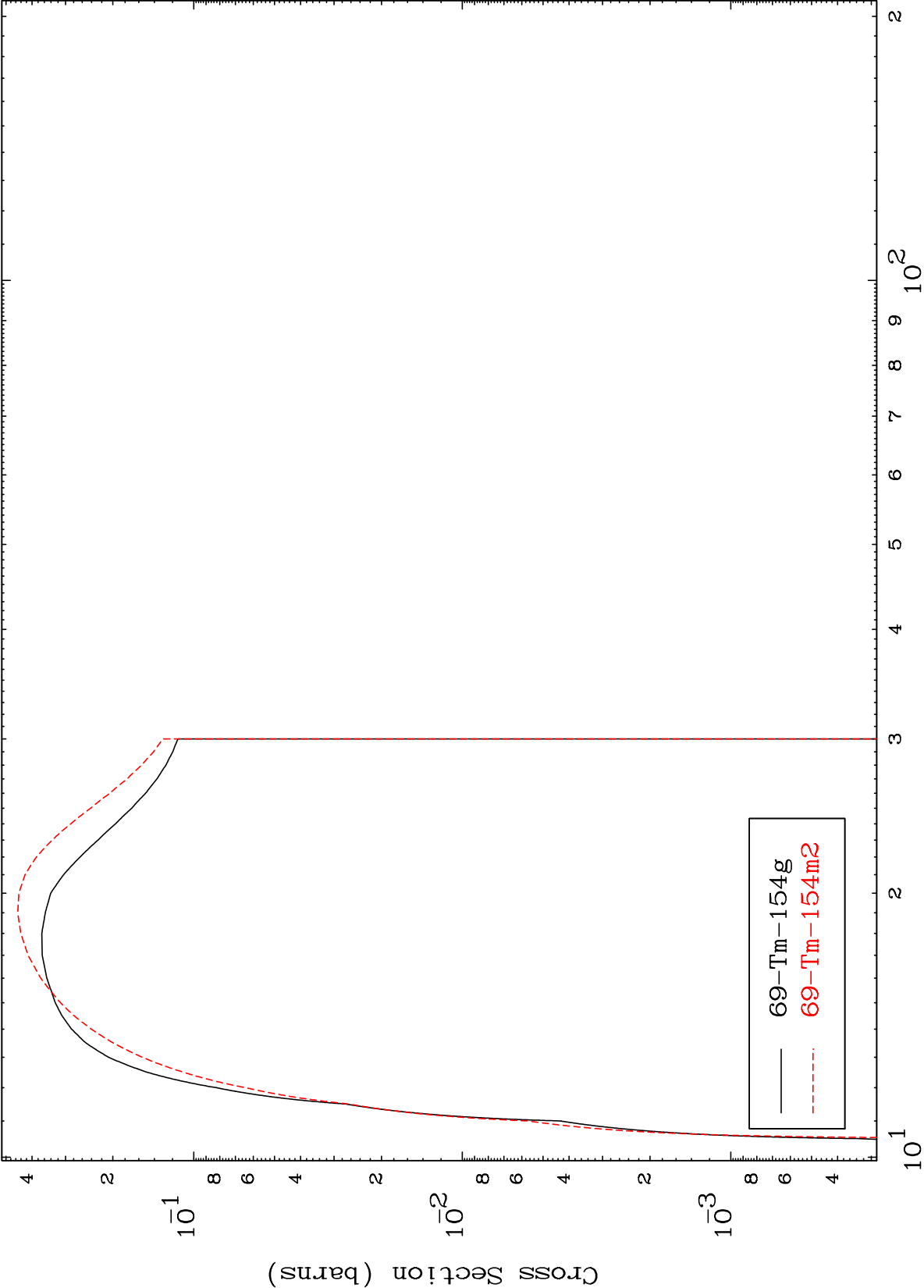








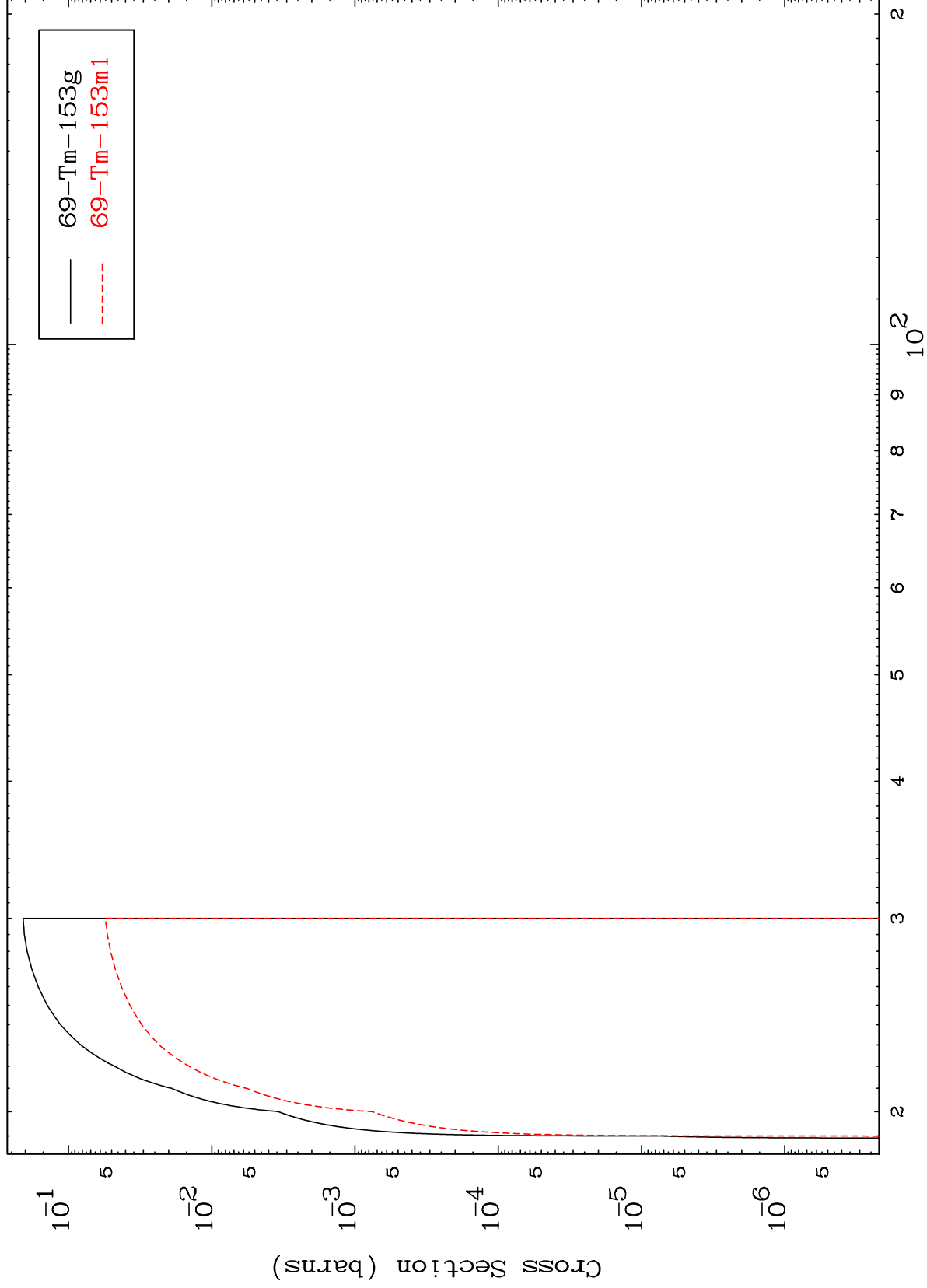
(n,2n)
Radionuclide Production Cross Section



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69-Tm-155

(n,3n)
Radionuclide Production Cross Section



69-Tm-155

Incident Energy (MeV)

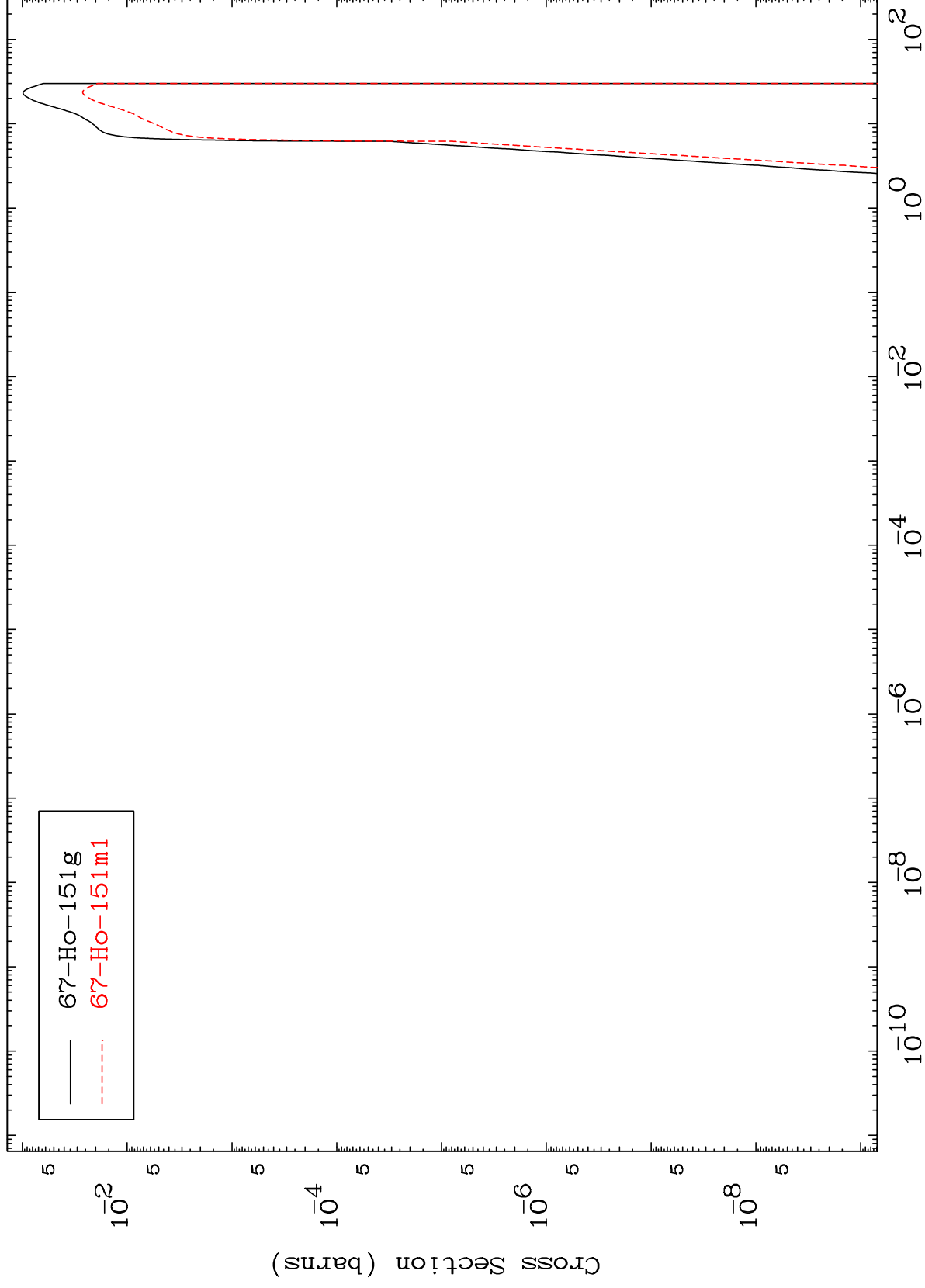
58

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$(n,n') \alpha$

69-Tm-155

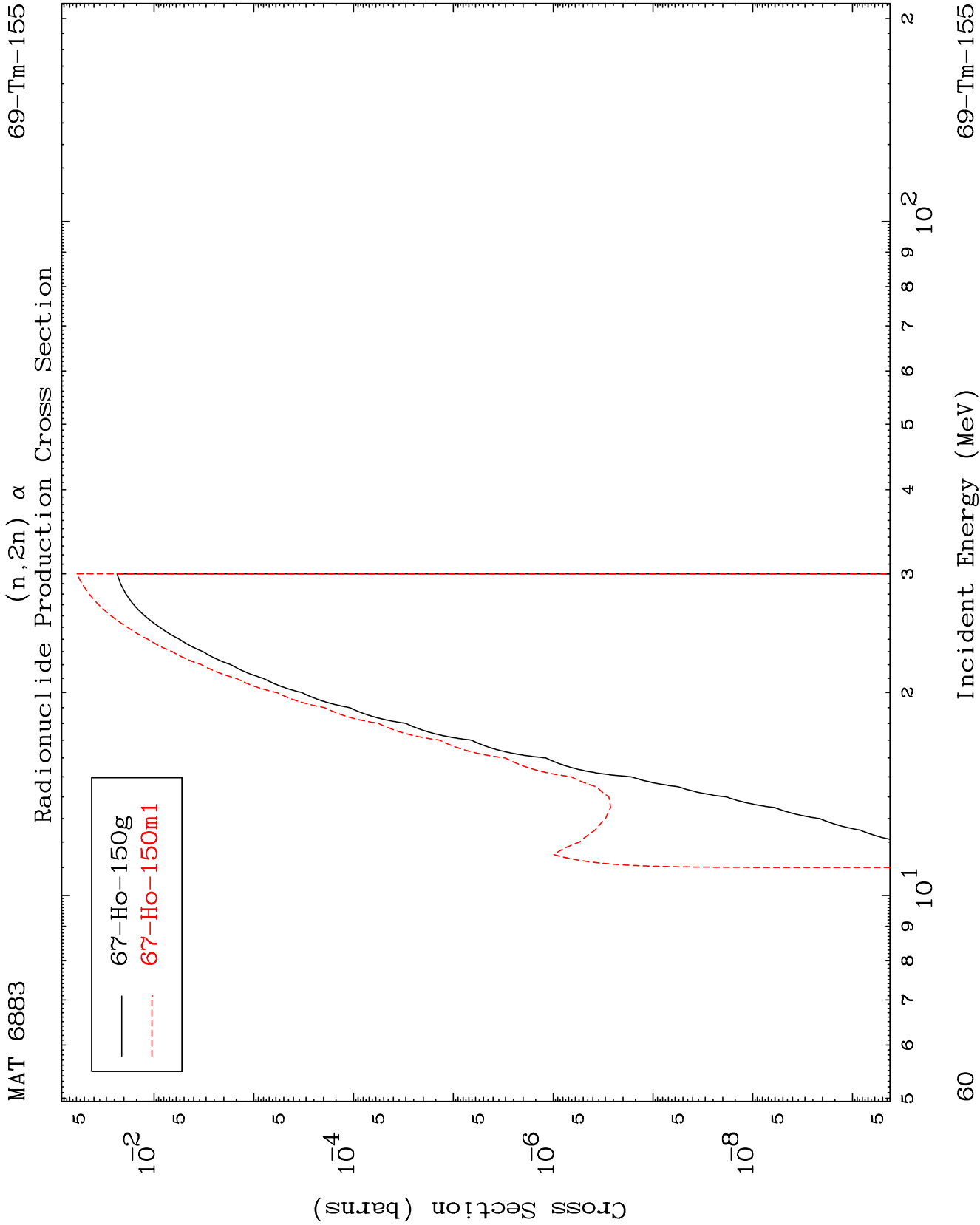
Radionuclide Production Cross Section



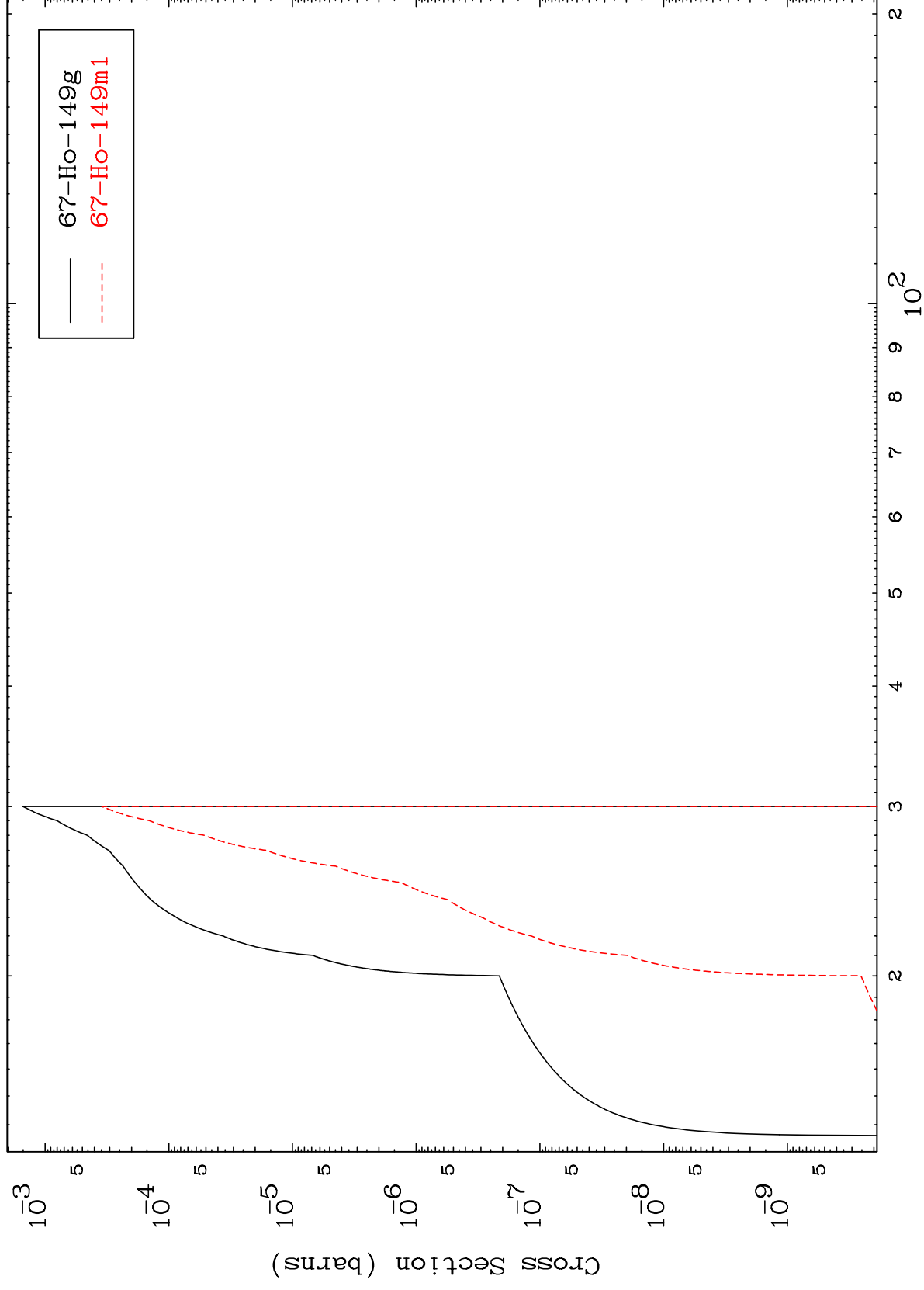
59

Incident Energy (MeV)

69-Tm-155



(n, 3n) α
Radionuclide Production Cross Section

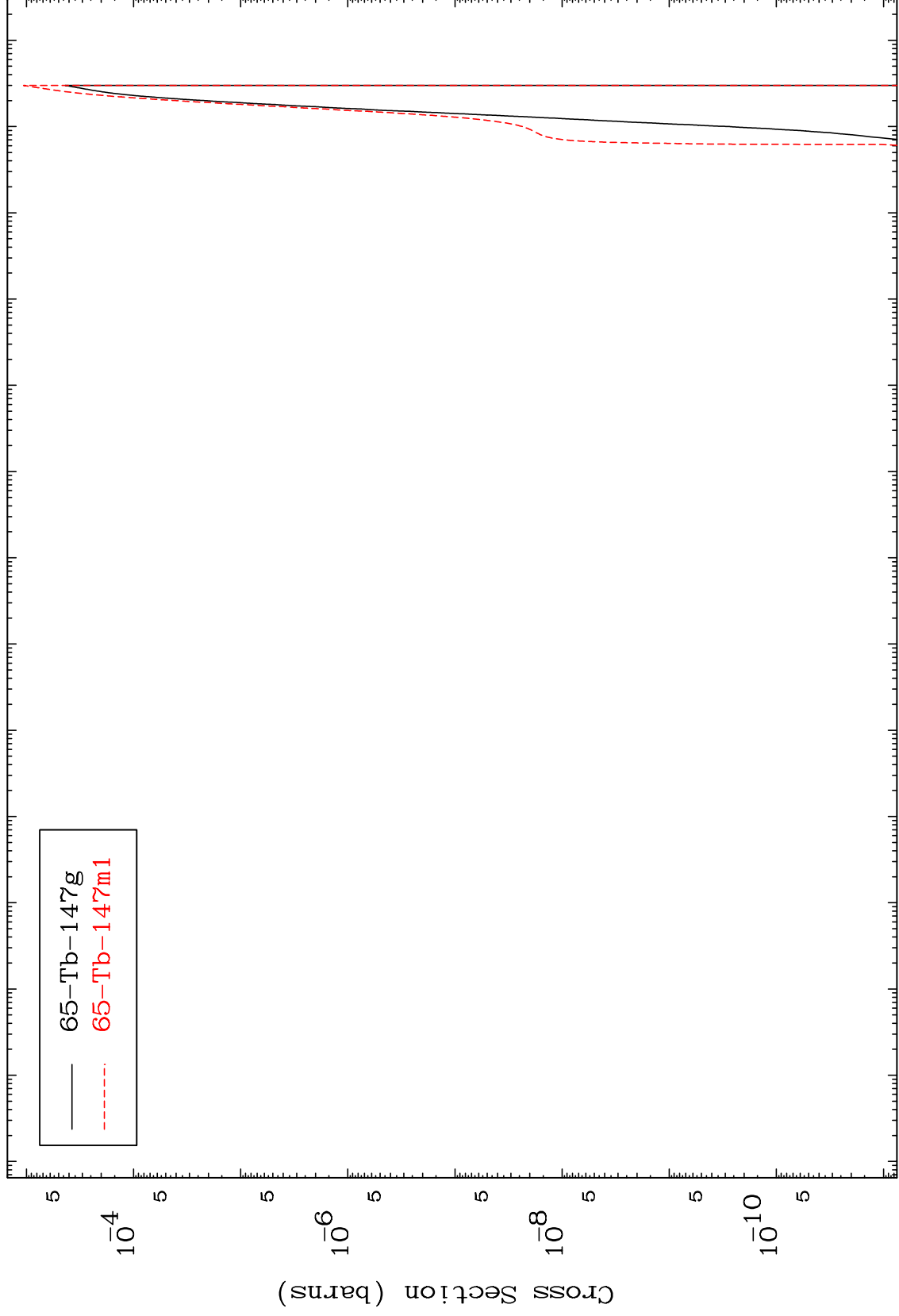
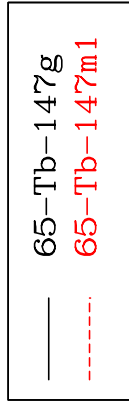
$$(n, 3n) \propto$$


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(n,n') 2 α

69-Tm-155

Radionuclide Production Cross Section



62

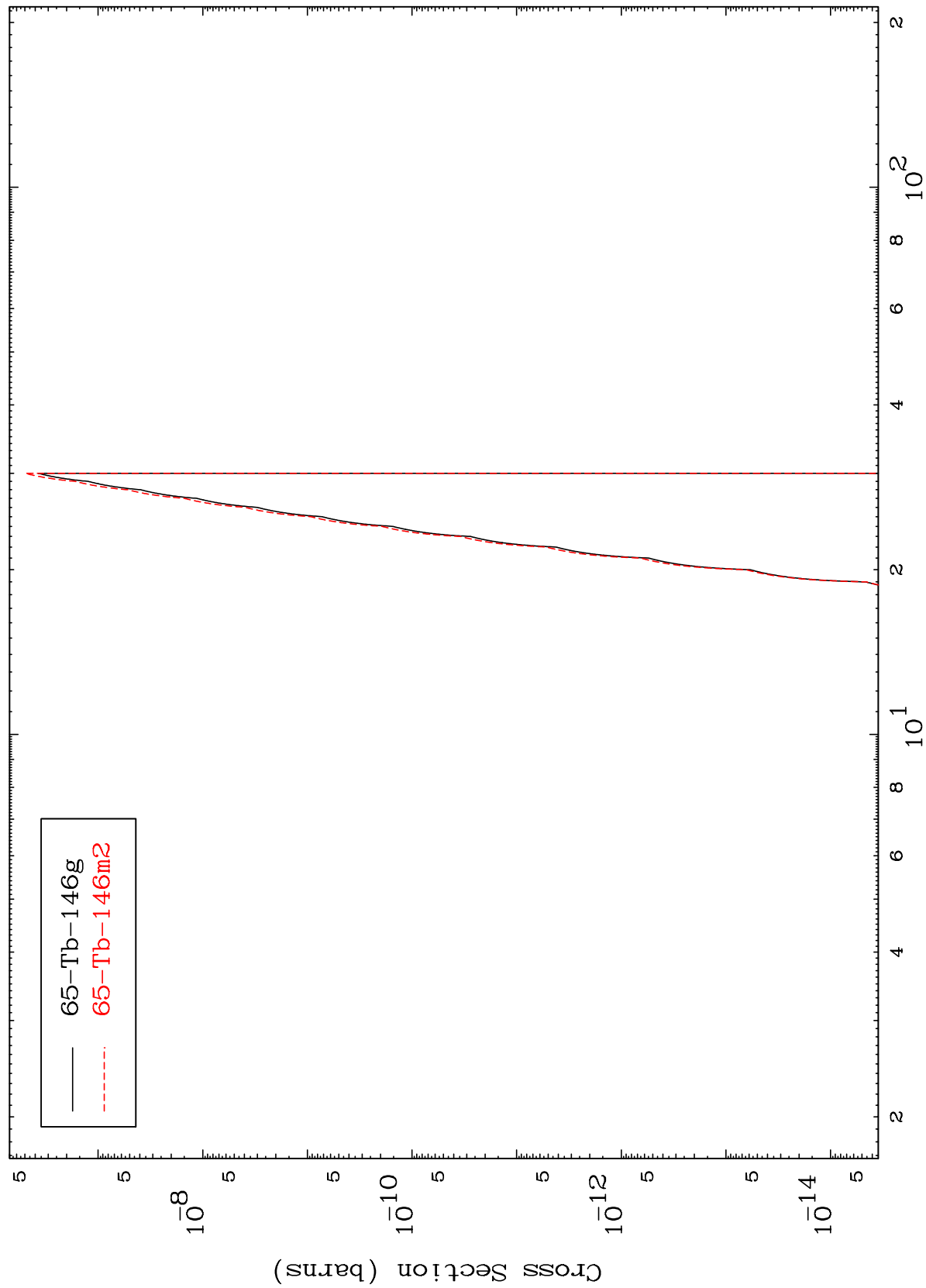
Incident Energy (MeV)

69-Tm-155

MAT 6883

69-Tm-155

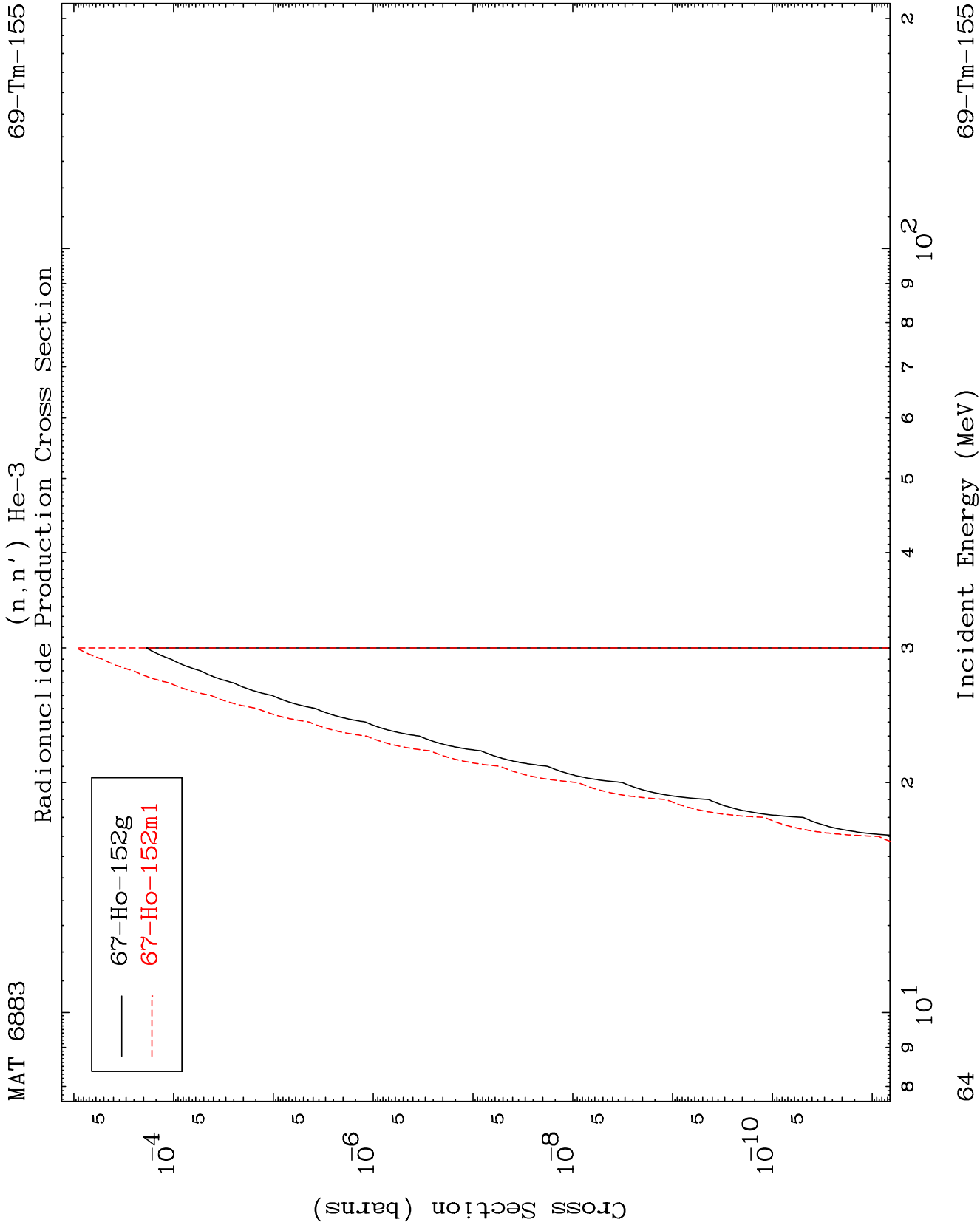
(n,2n) 2α
Radionuclide Production Cross Section



63

Incident Energy (MeV)

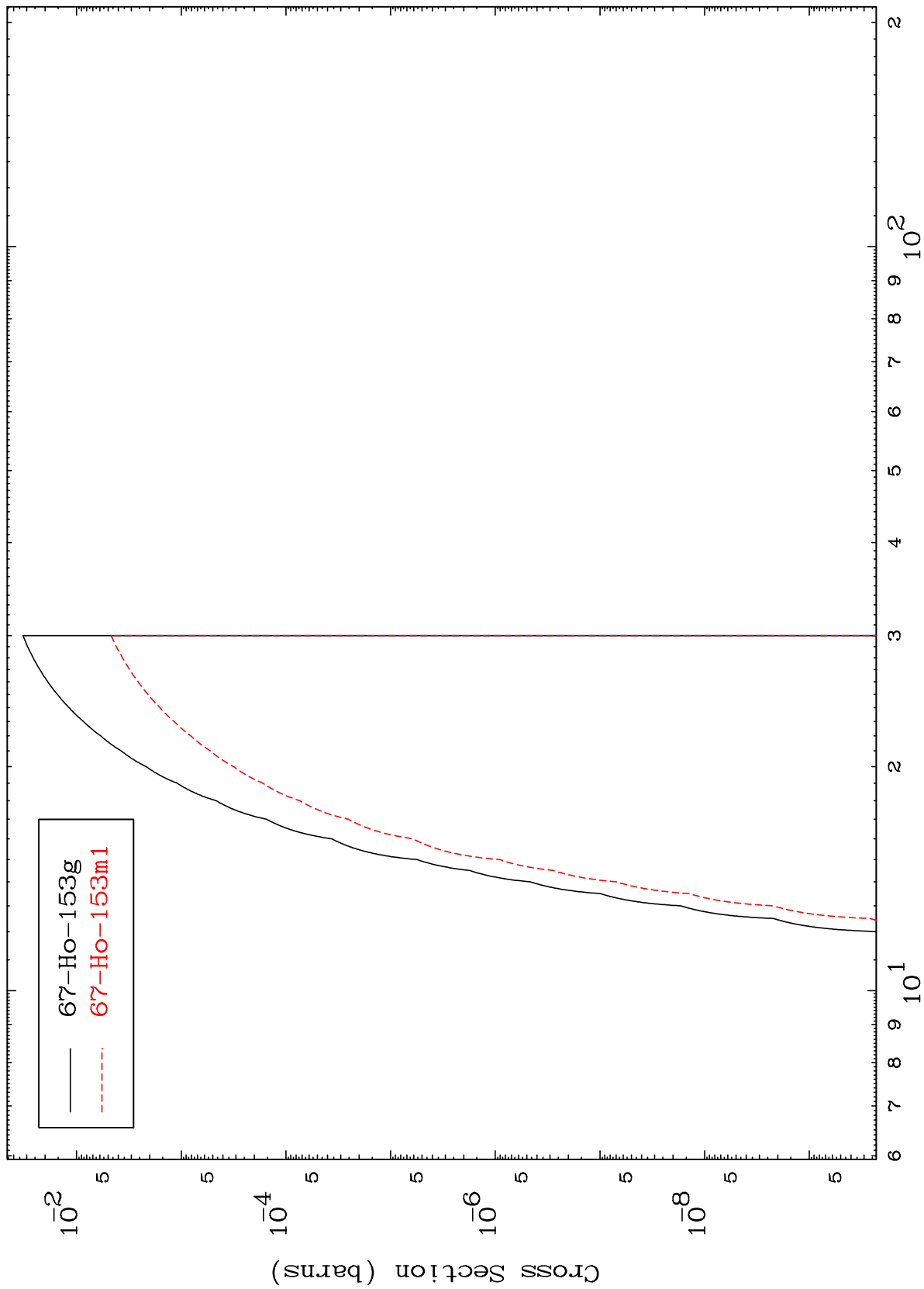
69-Tm-155



MAT 6883

69-Tm-155

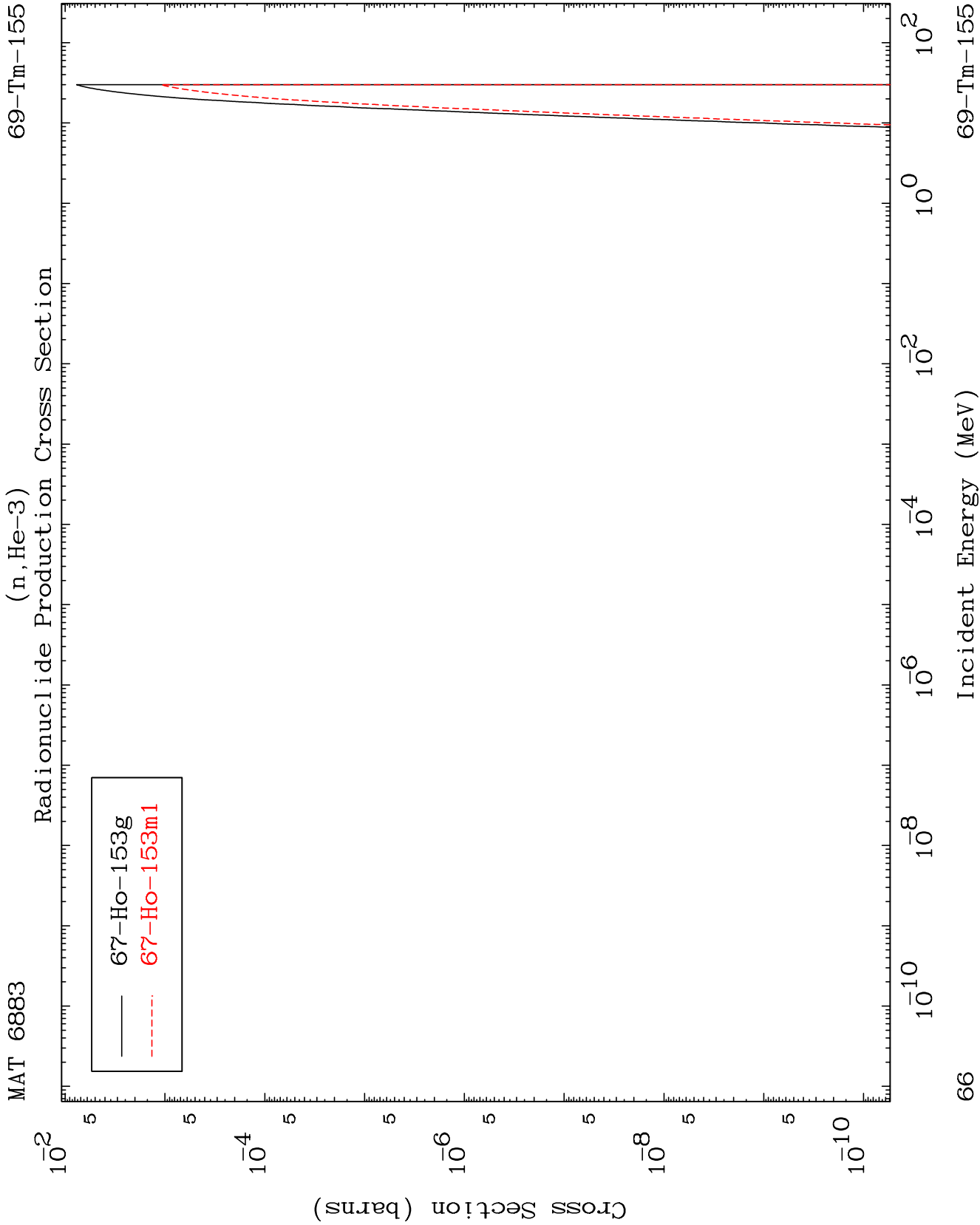
(n,2n) p
Radionuclide Production Cross Section

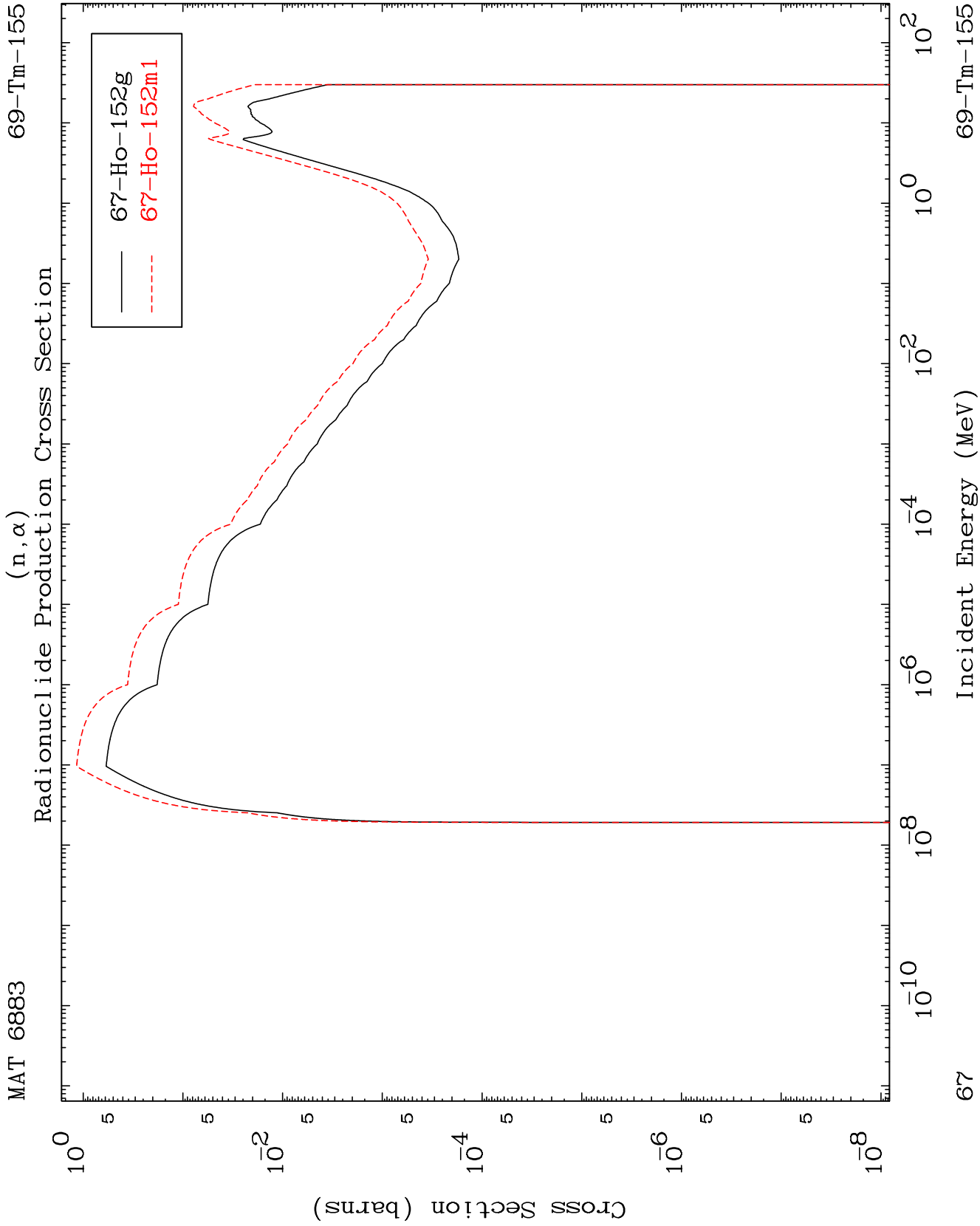


65

Incident Energy (MeV)

69-Tm-155

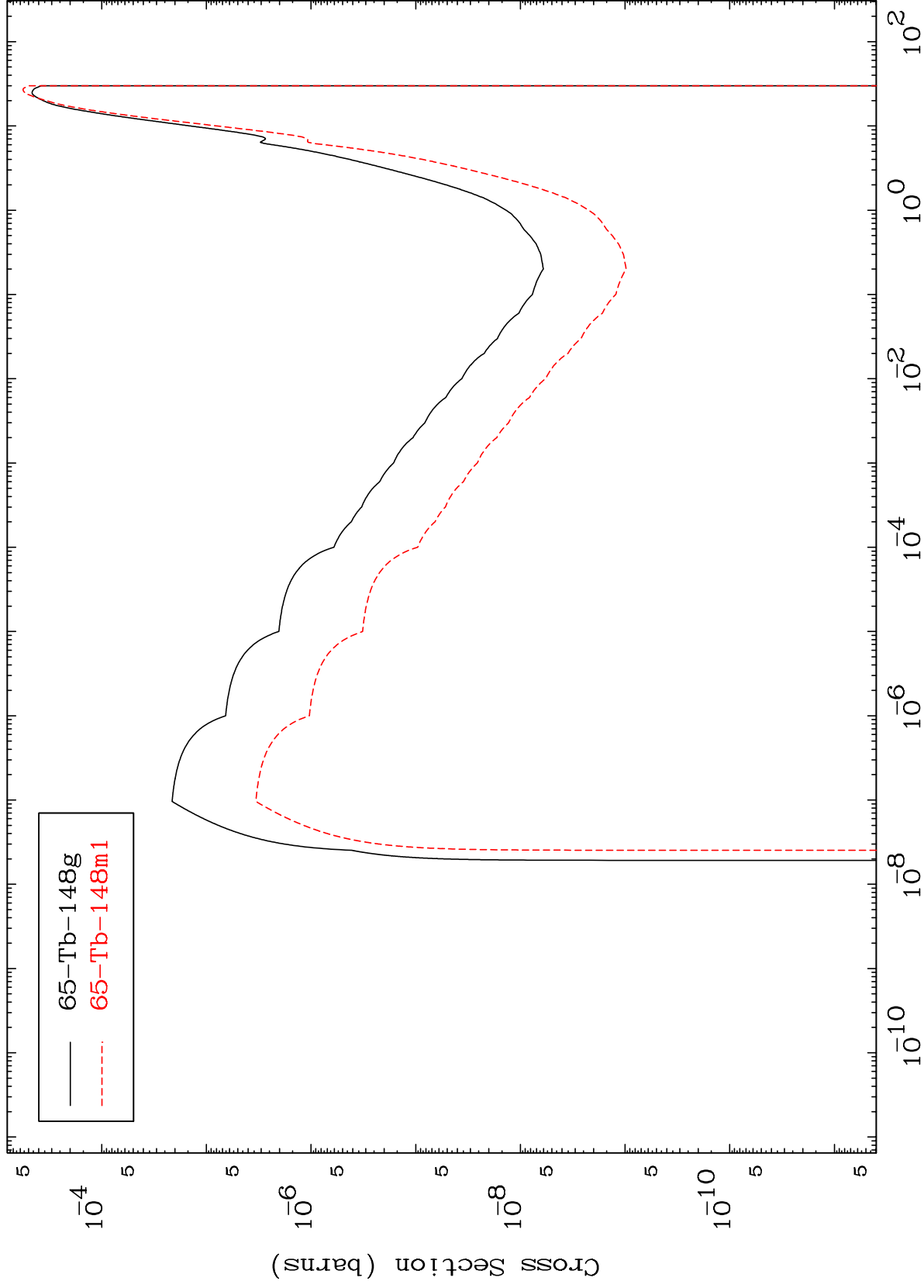




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69-Tm-155

(n,2α)
Radionuclide Production Cross Section



69-Tm-155

Incident Energy (MeV)

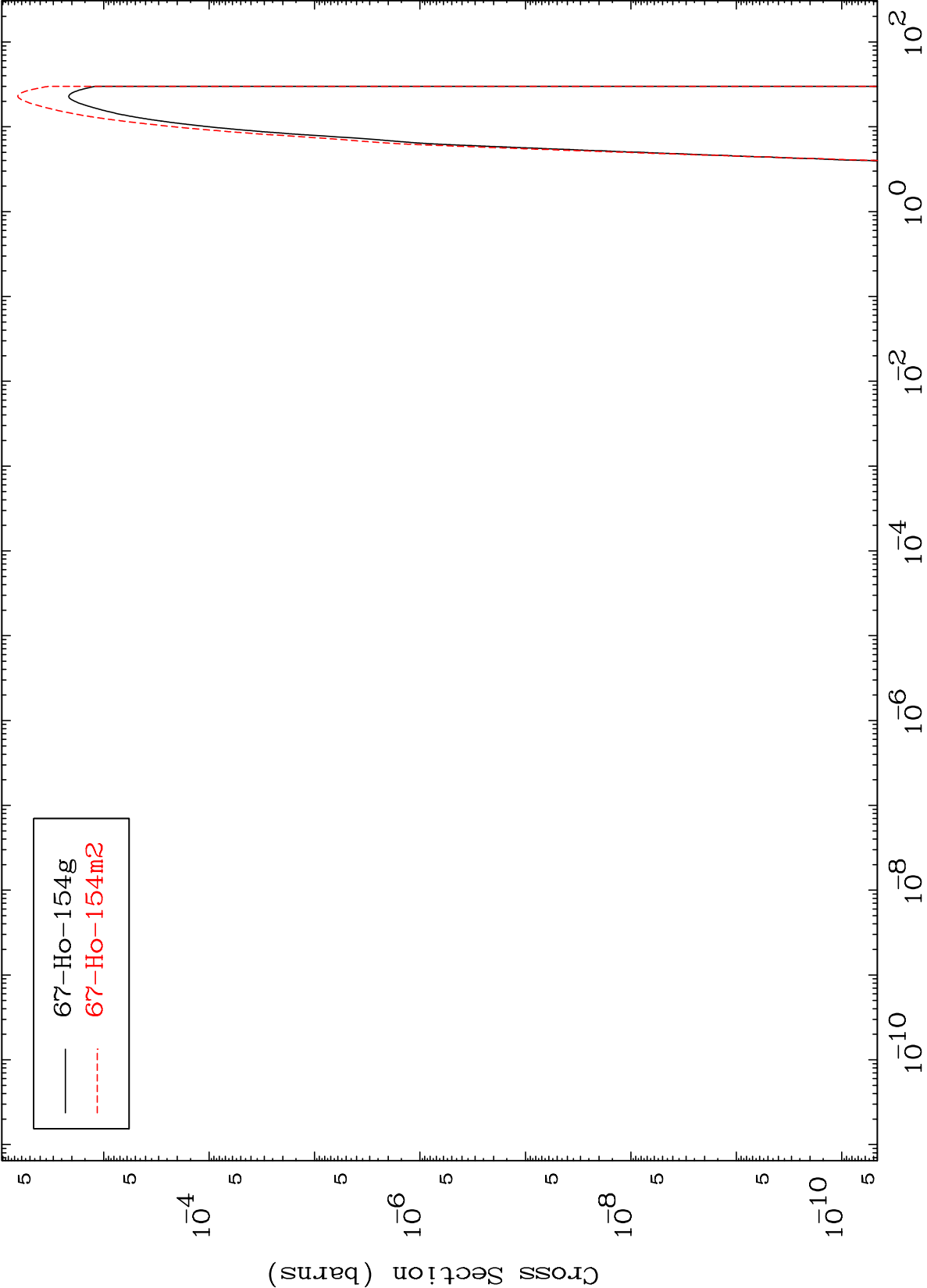
68

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(n,2p)

69-Tm-155

Radionuclide Production Cross Section



69

Incident Energy (MeV)

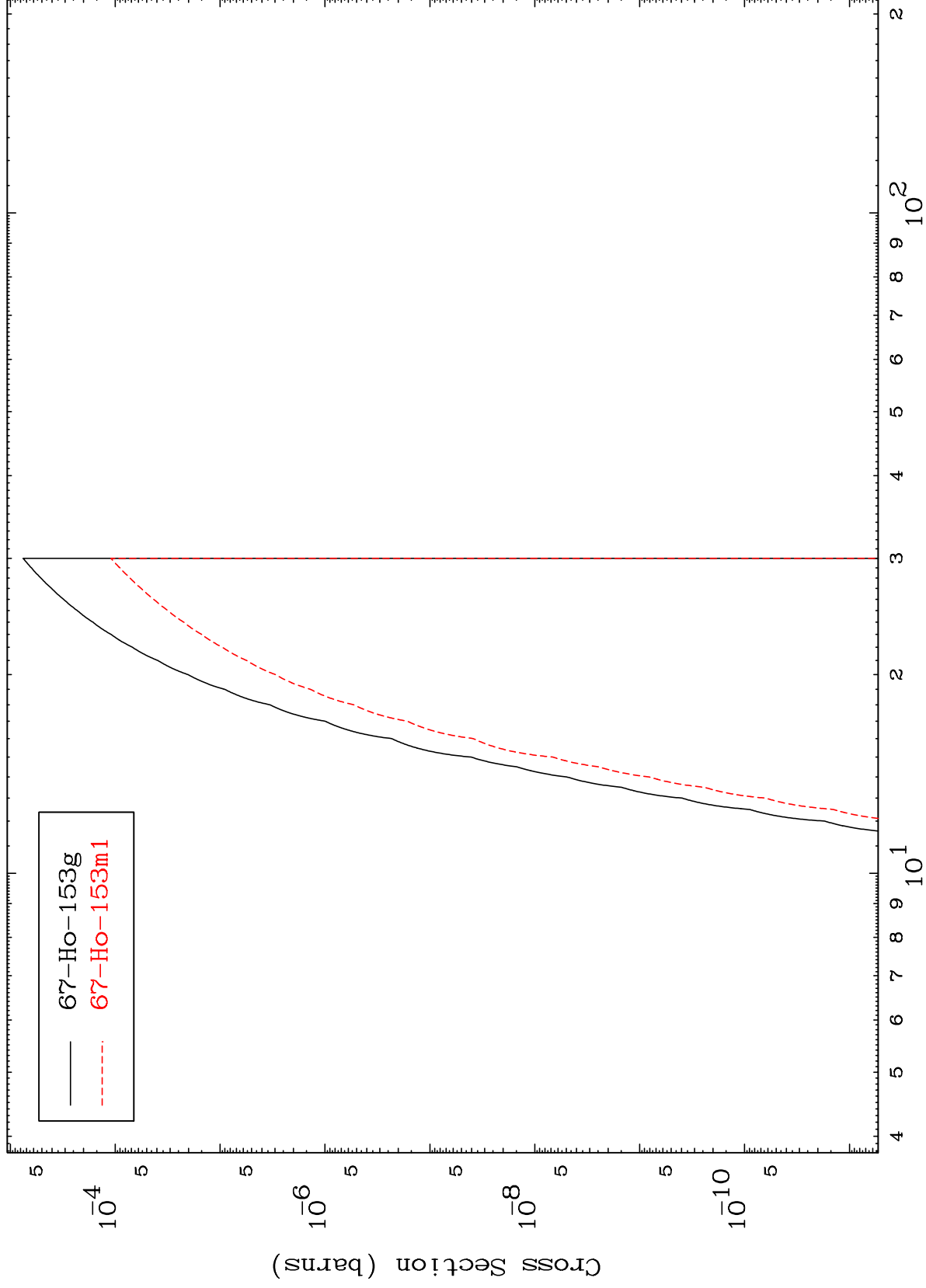
69-Tm-155

MAT 6883

(n,p) d

69-Tm-155

Radionuclide Production Cross Section



Incident Energy (MeV)

69-Tm-155

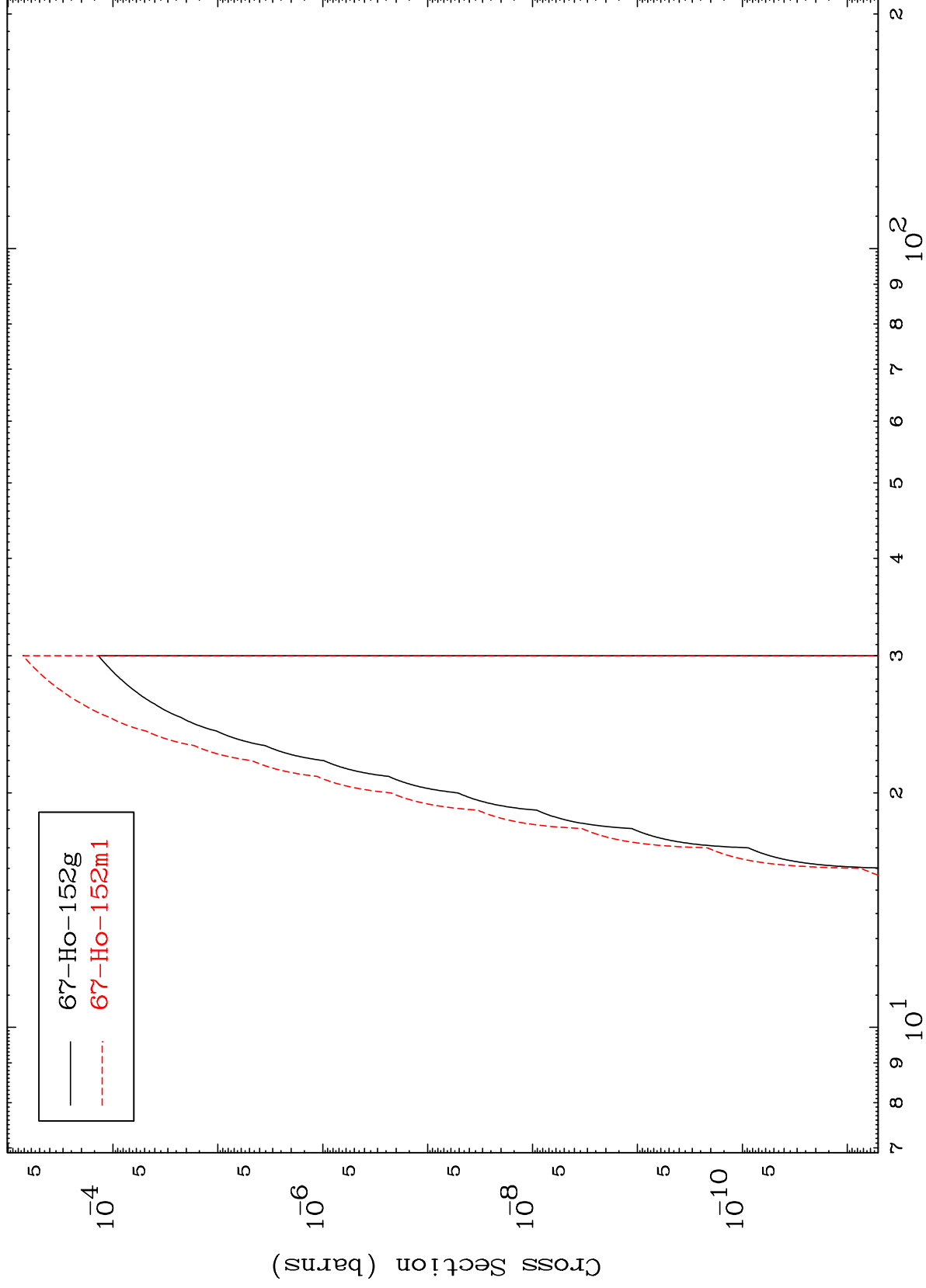
70

MAT 6883

(n,p) t

69-Tm-155

Radionuclide Production Cross Section



Incident Energy (MeV)

69-Tm-155

71