

Program EVALPLOT
(Version 2021-1)

by

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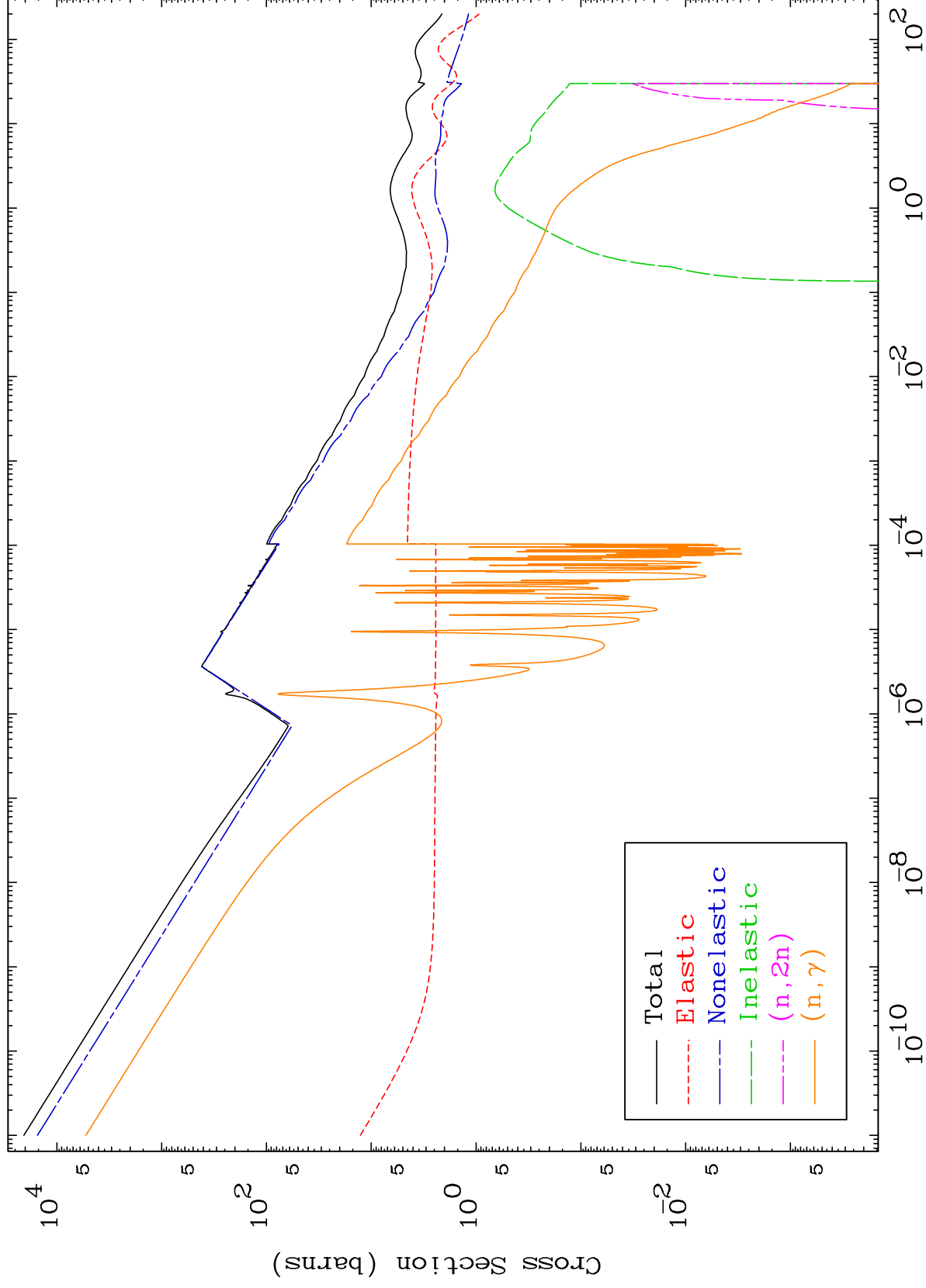
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Web:redcullen1.net/HOMEPAGE.NEW

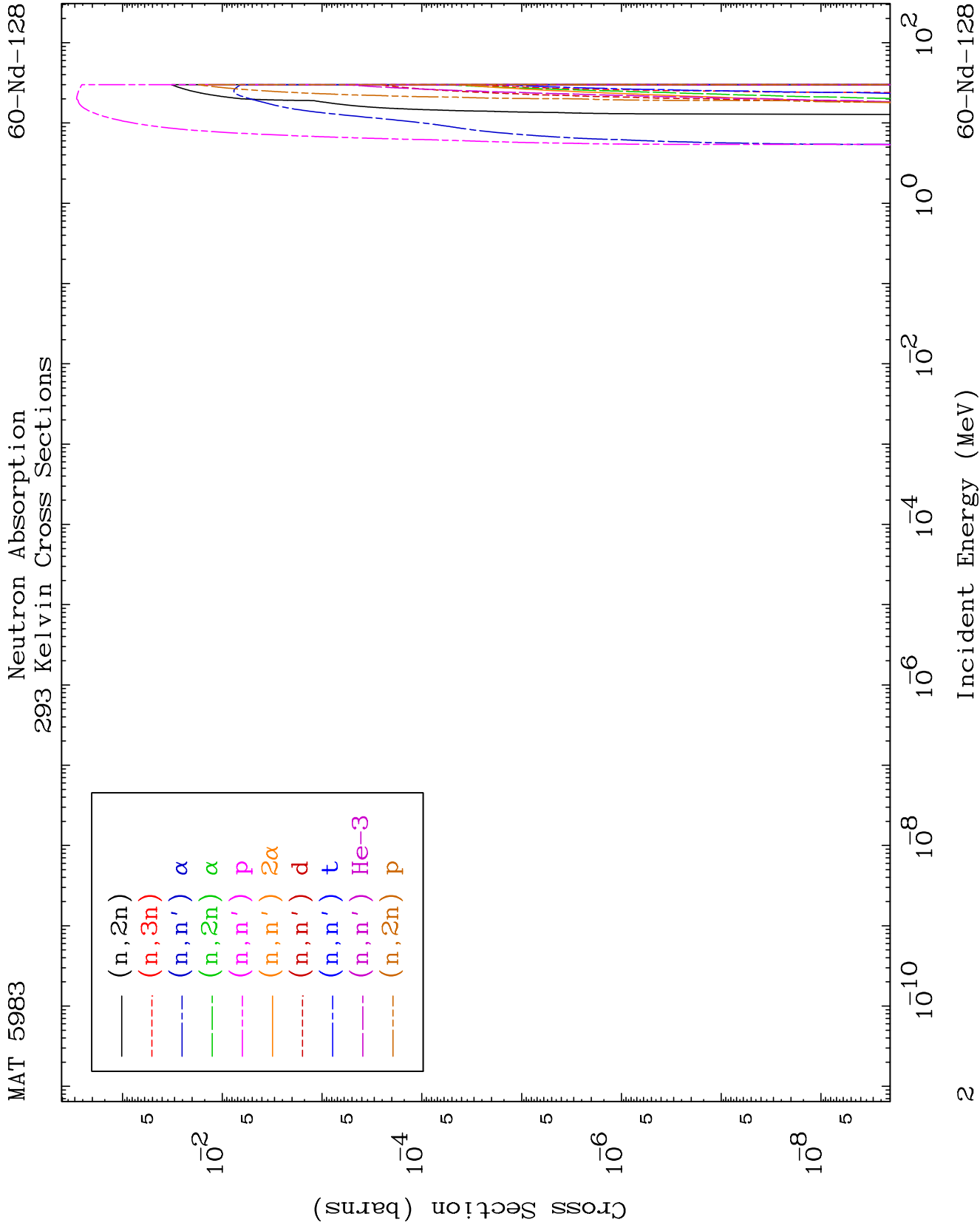
Press Mouse Button to Start

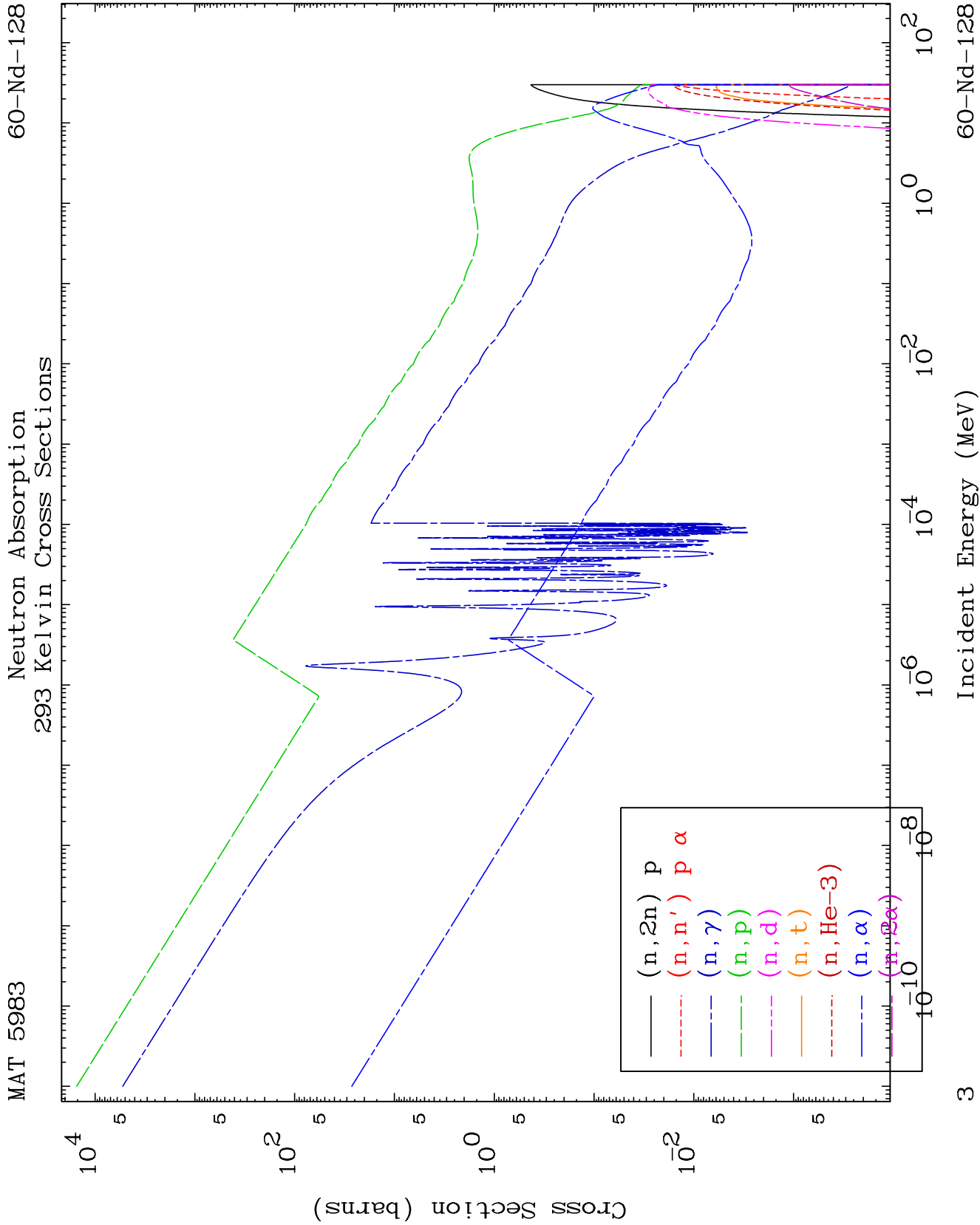
MAT 5983

Neutron Major
293 Kelvin Cross Sections

60-Nd-128



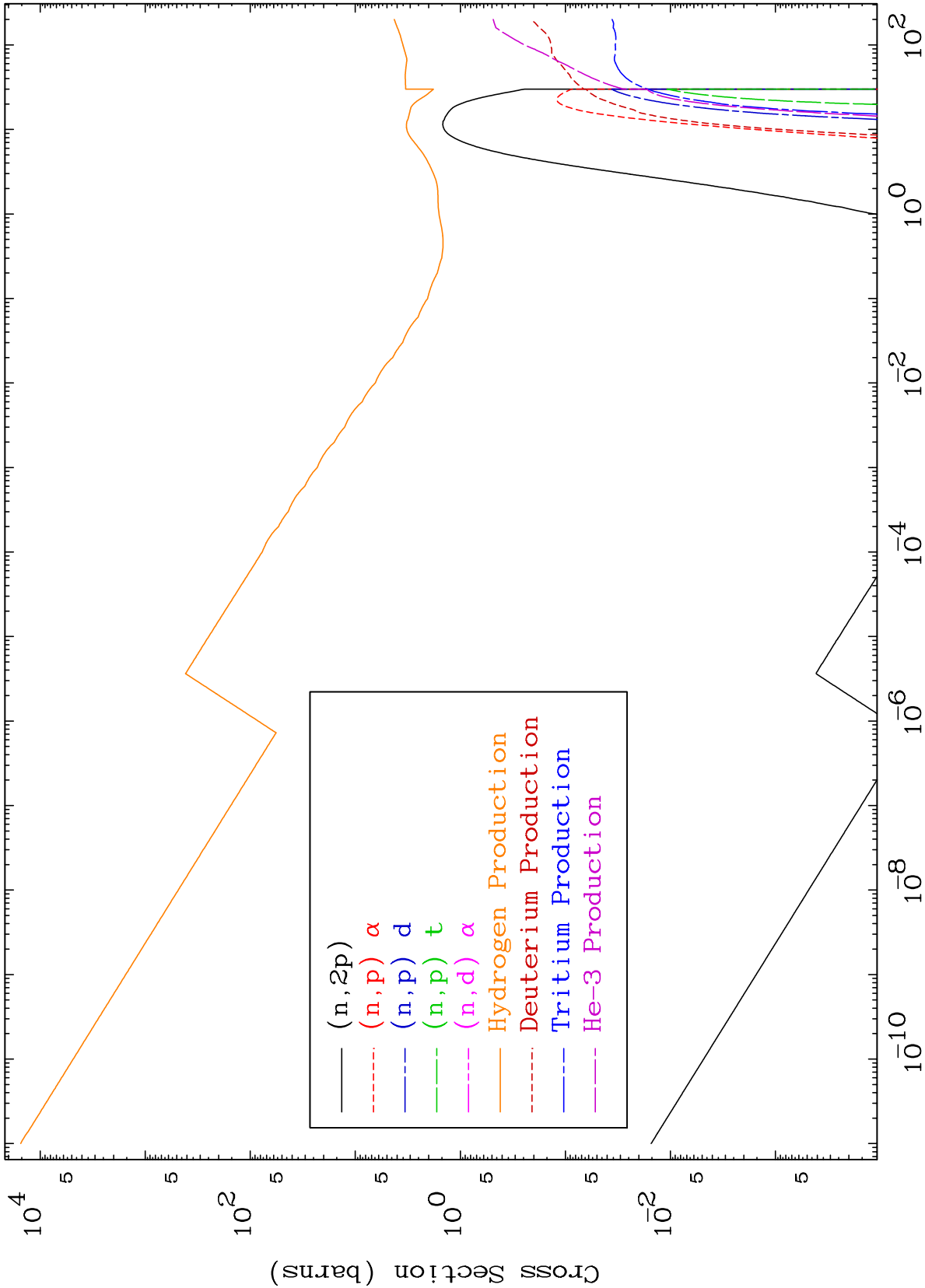


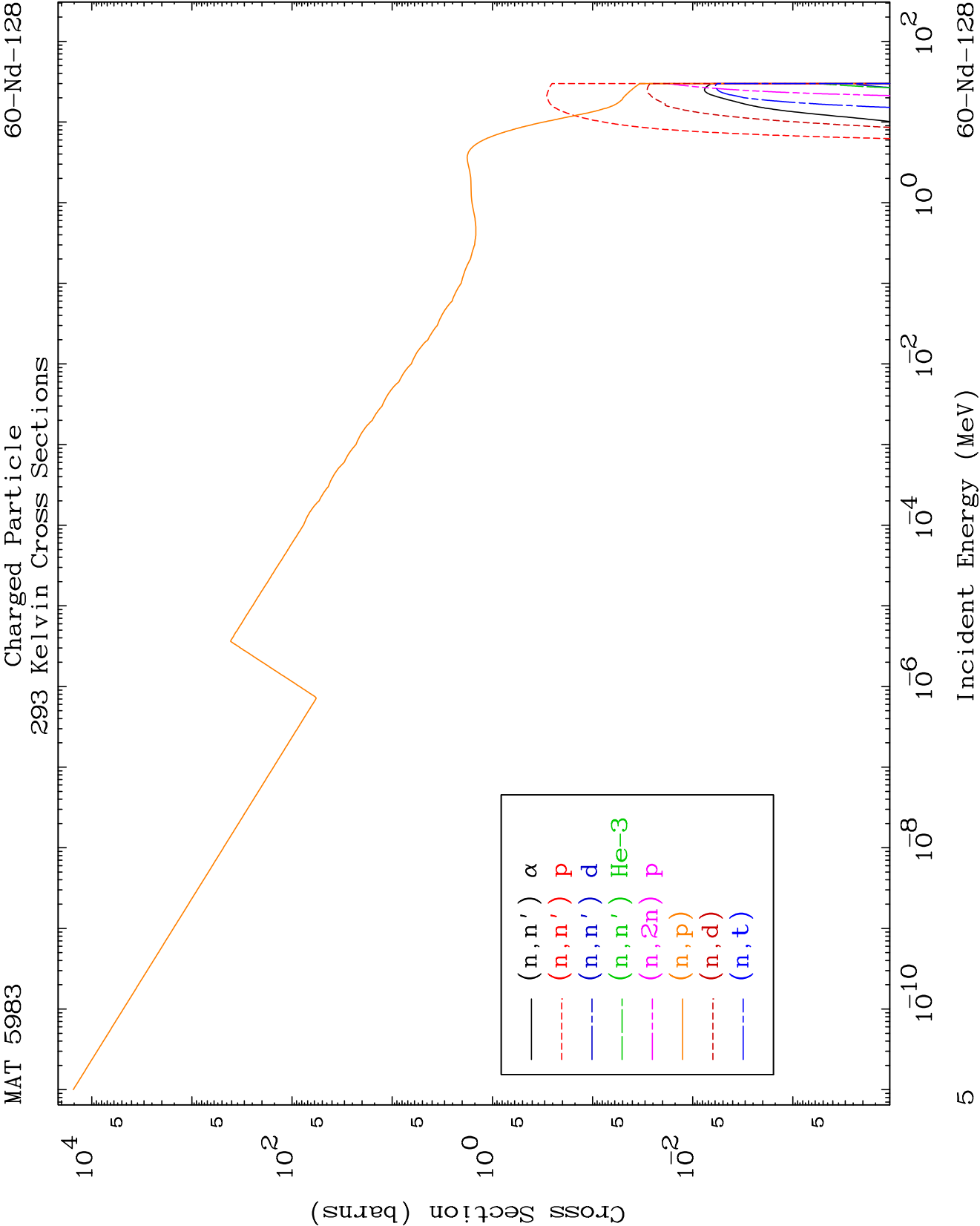


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Neutron Absorption
293 Kelvin Cross Sections

60-Nd-128

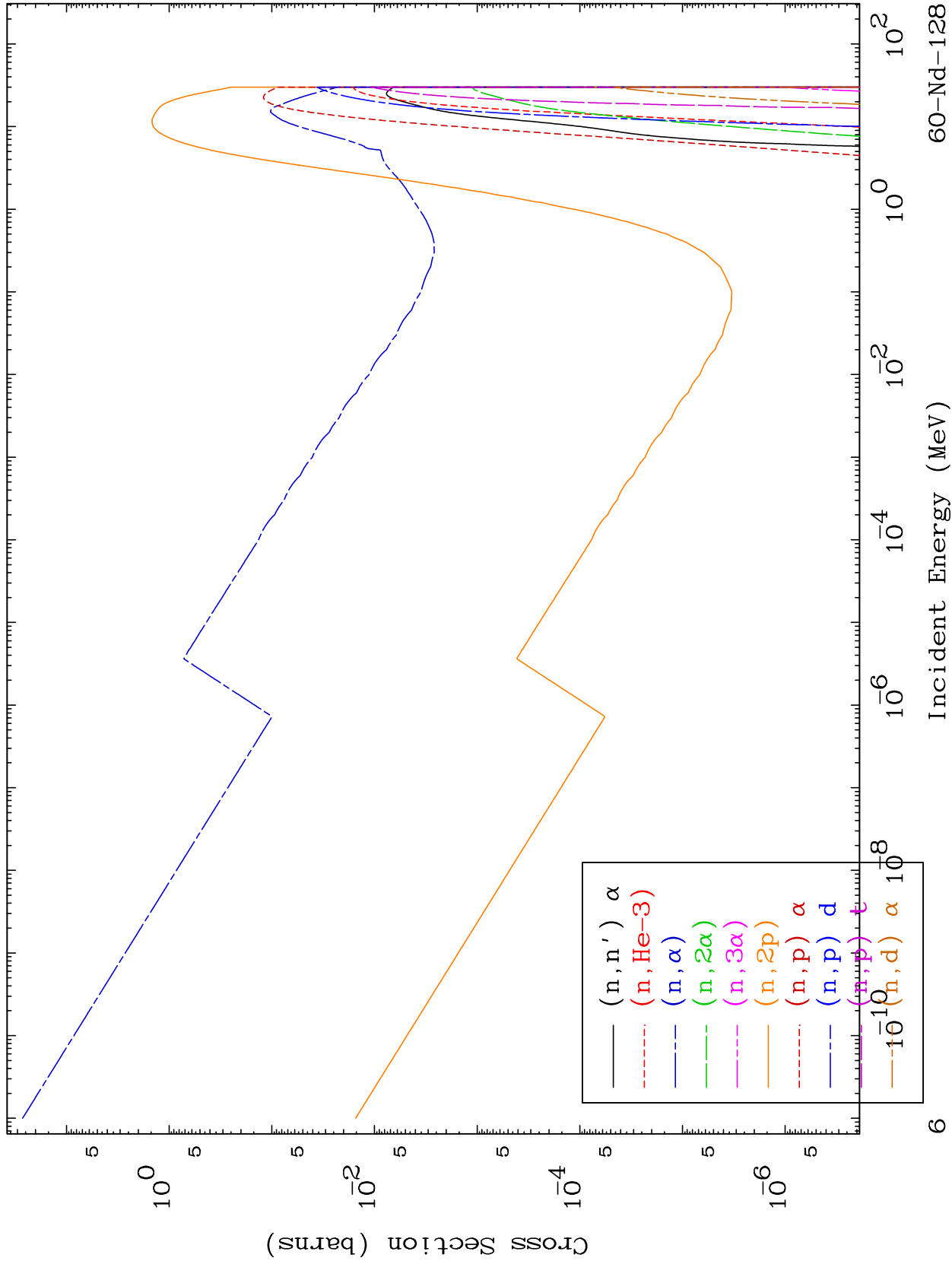




MAT 5983

Charged Particle
293 Kelvin Cross Sections

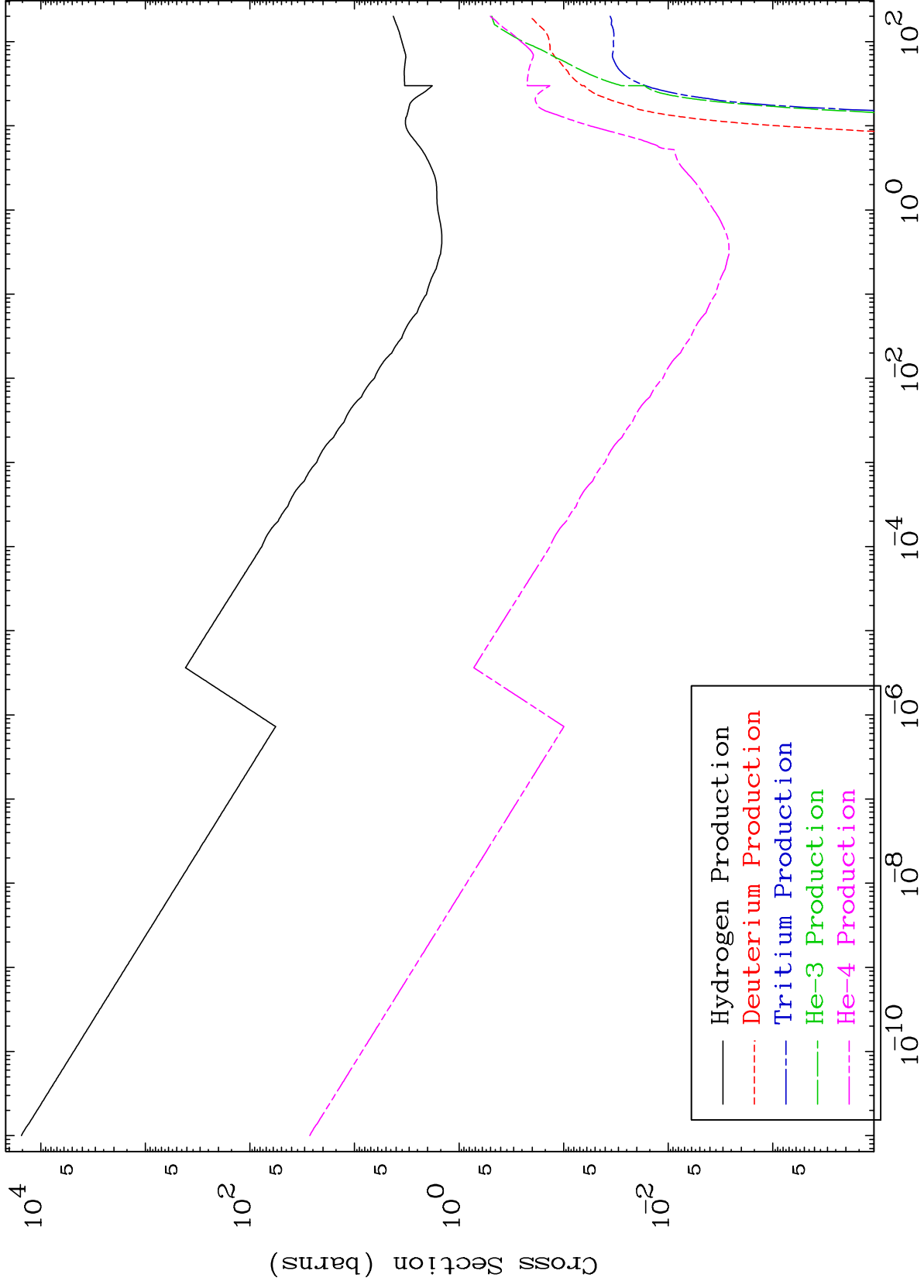
60-Nd-128



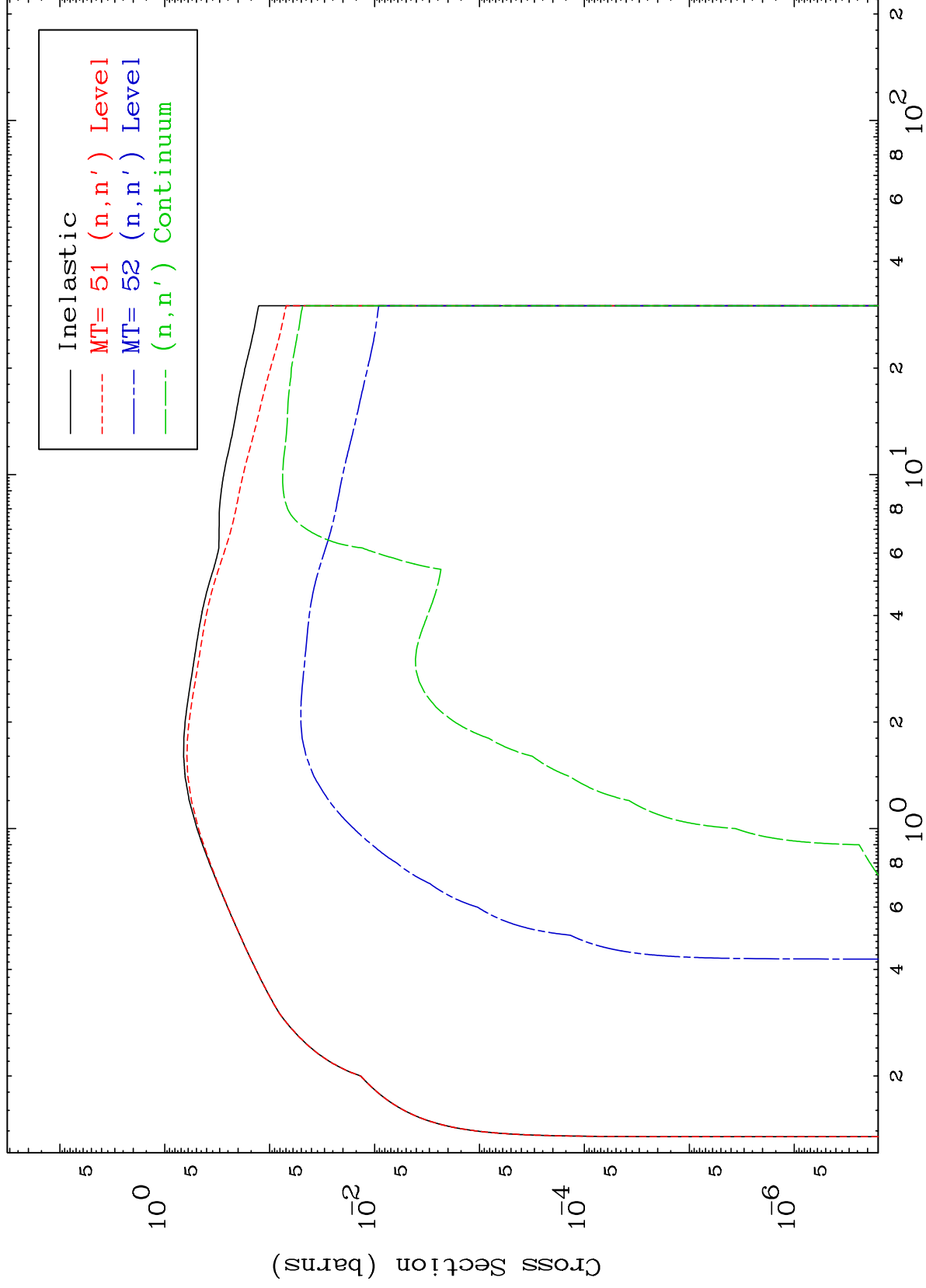
MAT 5983

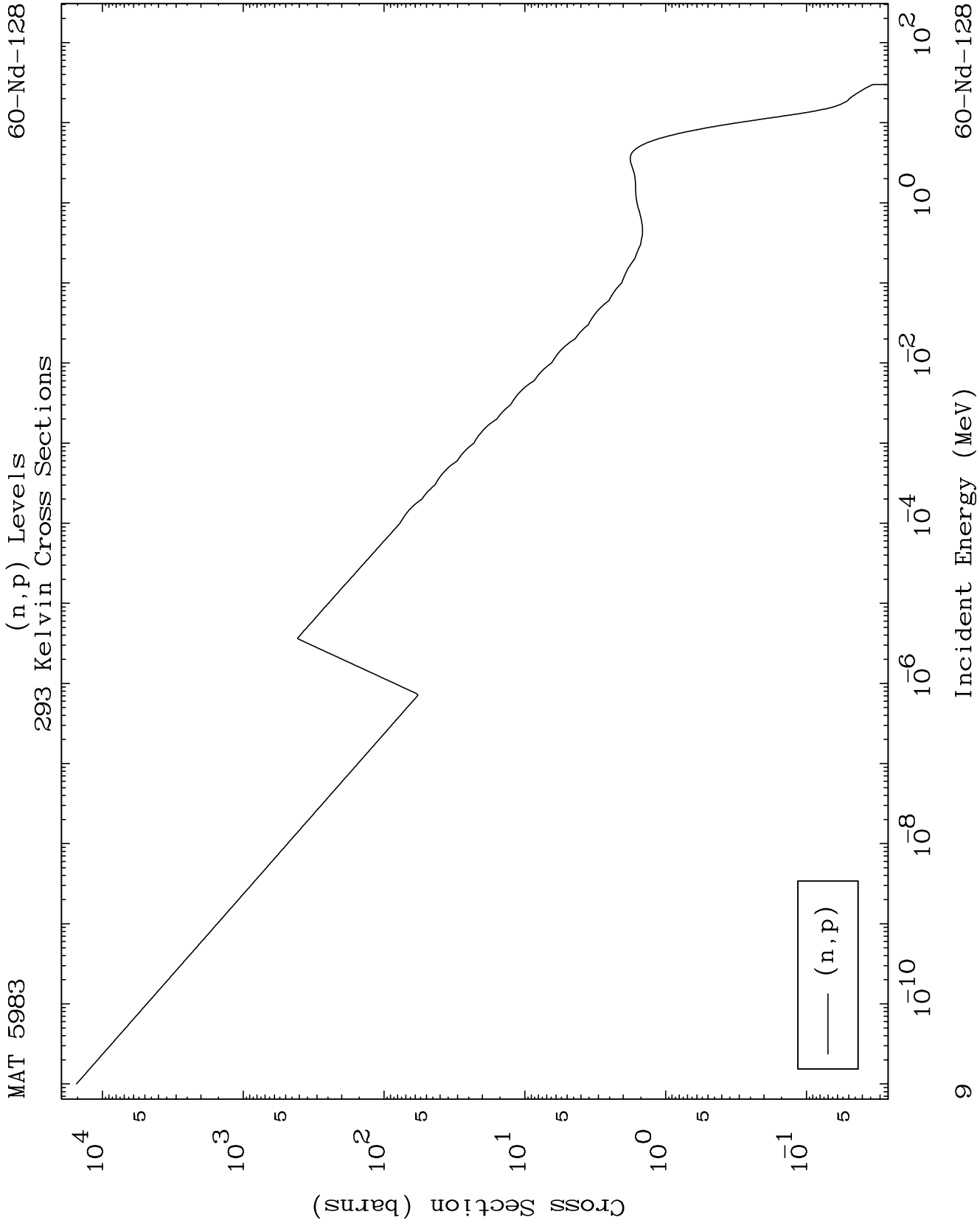
Particle Production
293 Kelvin Cross Sections

60-Nd-128



(n,n') Levels
293 Kelvin Cross Sections

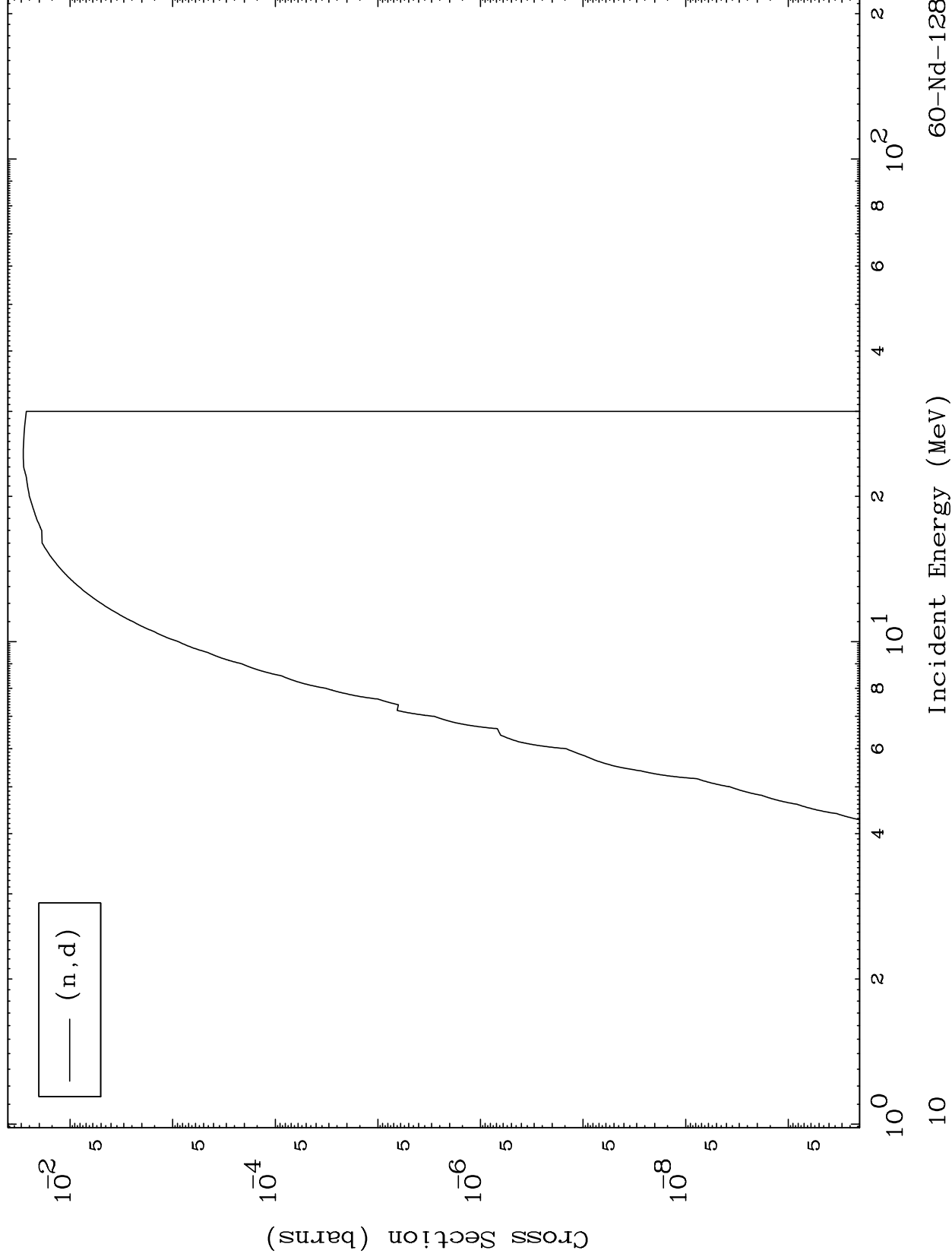




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60-Nd-128

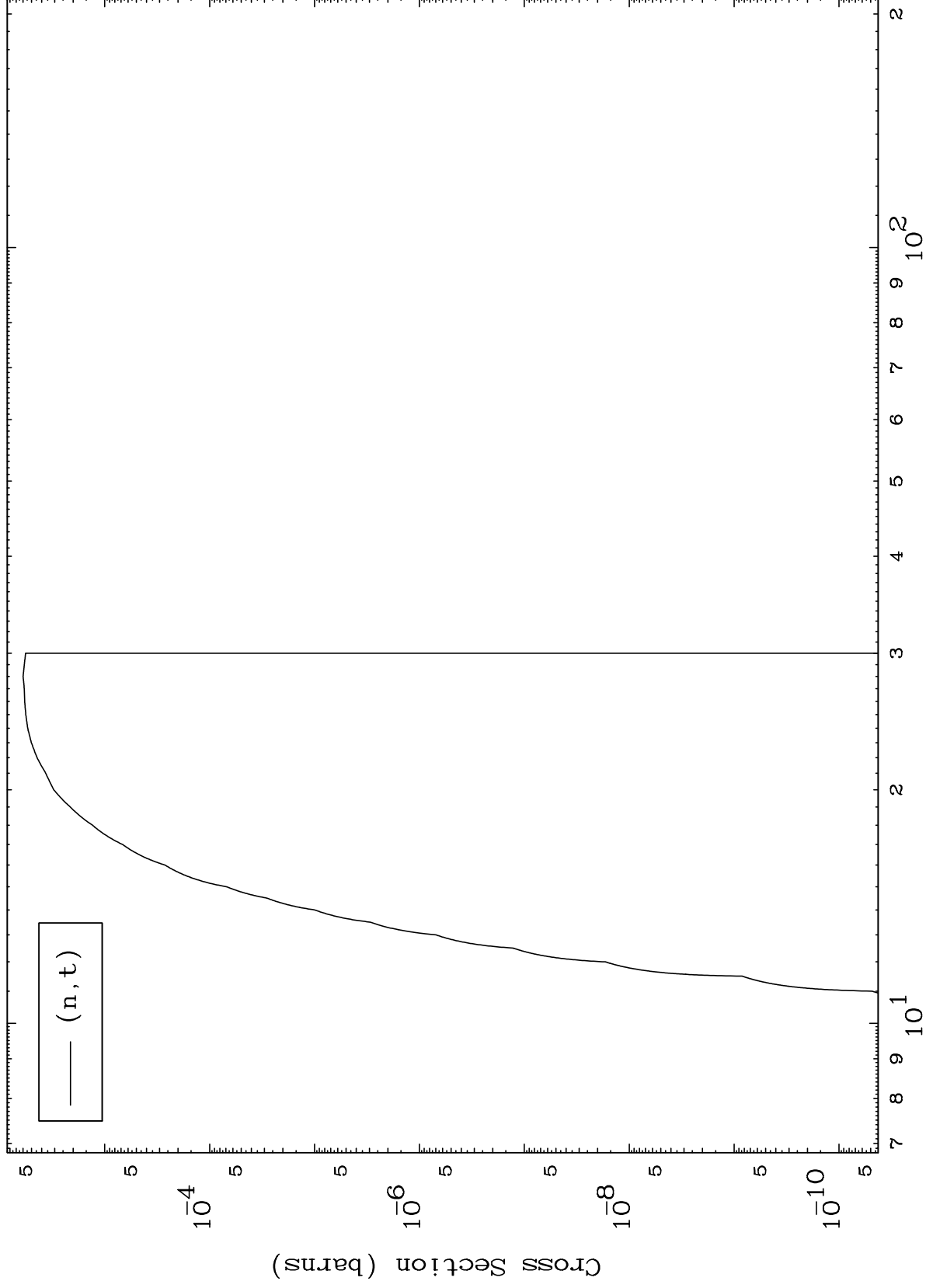
(n,d) Levels
293 Kelvin Cross Sections



MAT 5983

60-Nd-128

(n,t) Levels
293 Kelvin Cross Sections



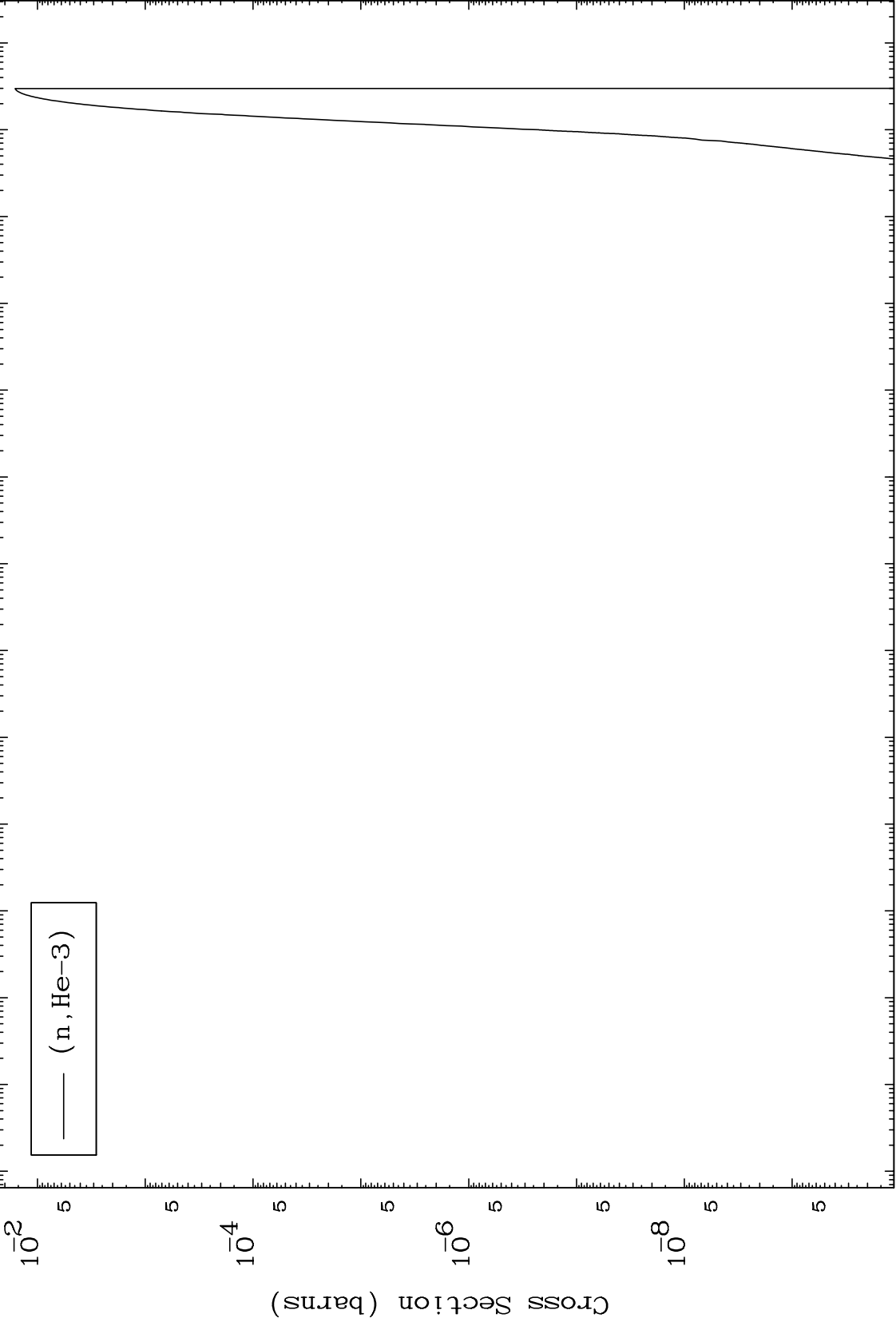
11

60-Nd-128

MAT 5983

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-128



12

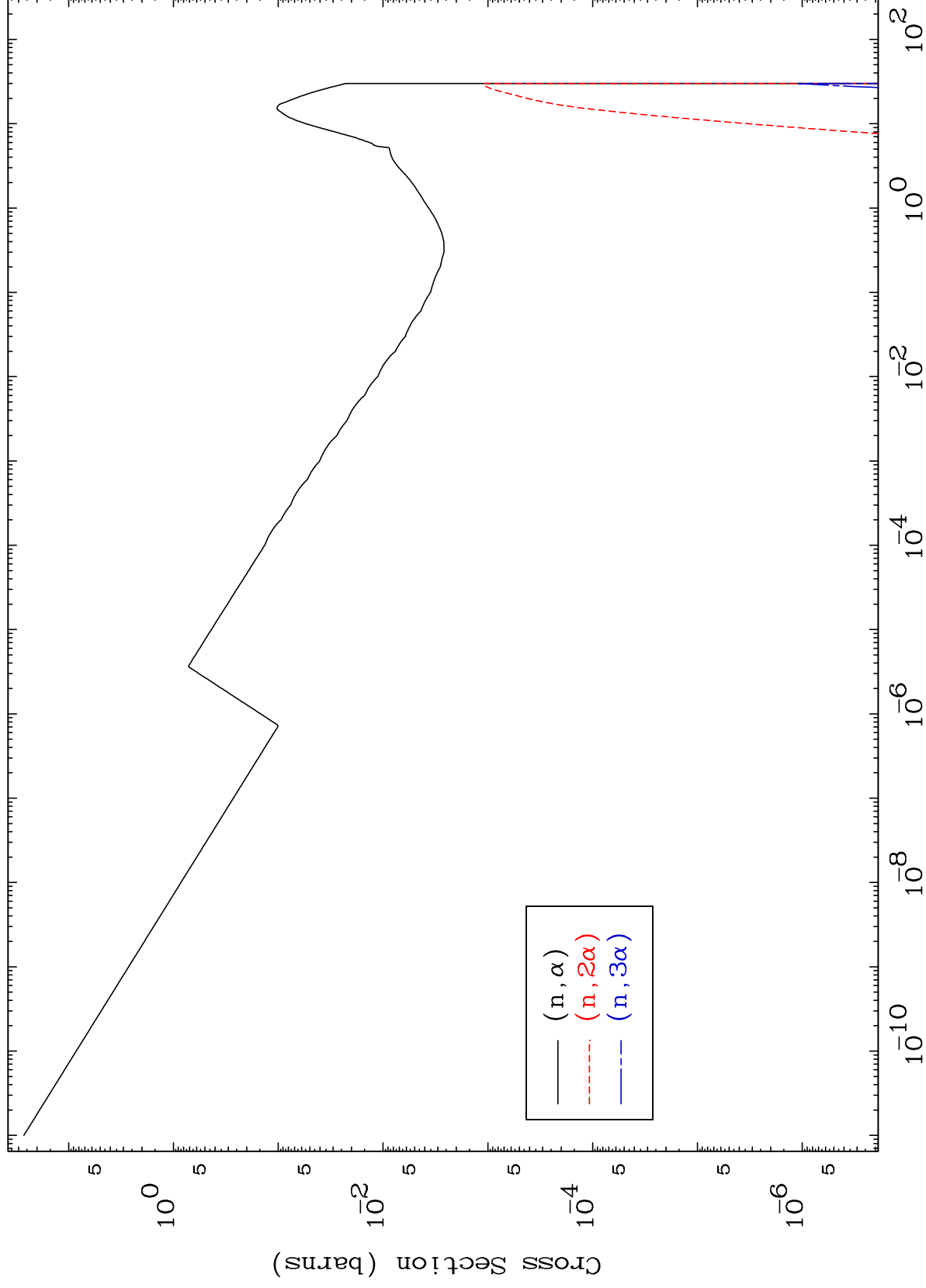
Incident Energy (MeV)

60-Nd-128

MAT 5983

(n, α) Levels
293 Kelvin Cross Sections

60-Nd-128



13

Incident Energy (MeV)

60-Nd-128

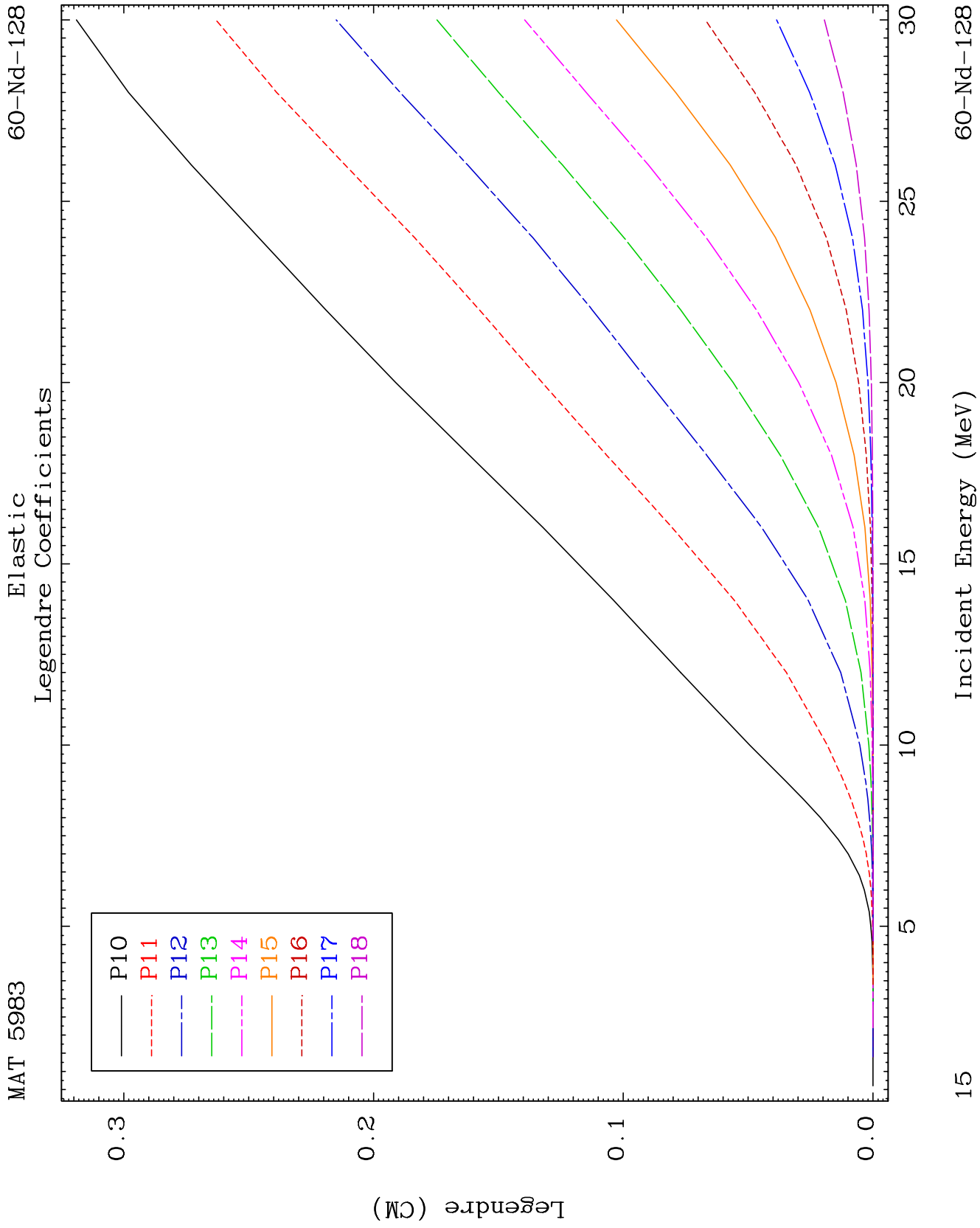
60-Nd-128

60-Nd-128



60-Nd-128

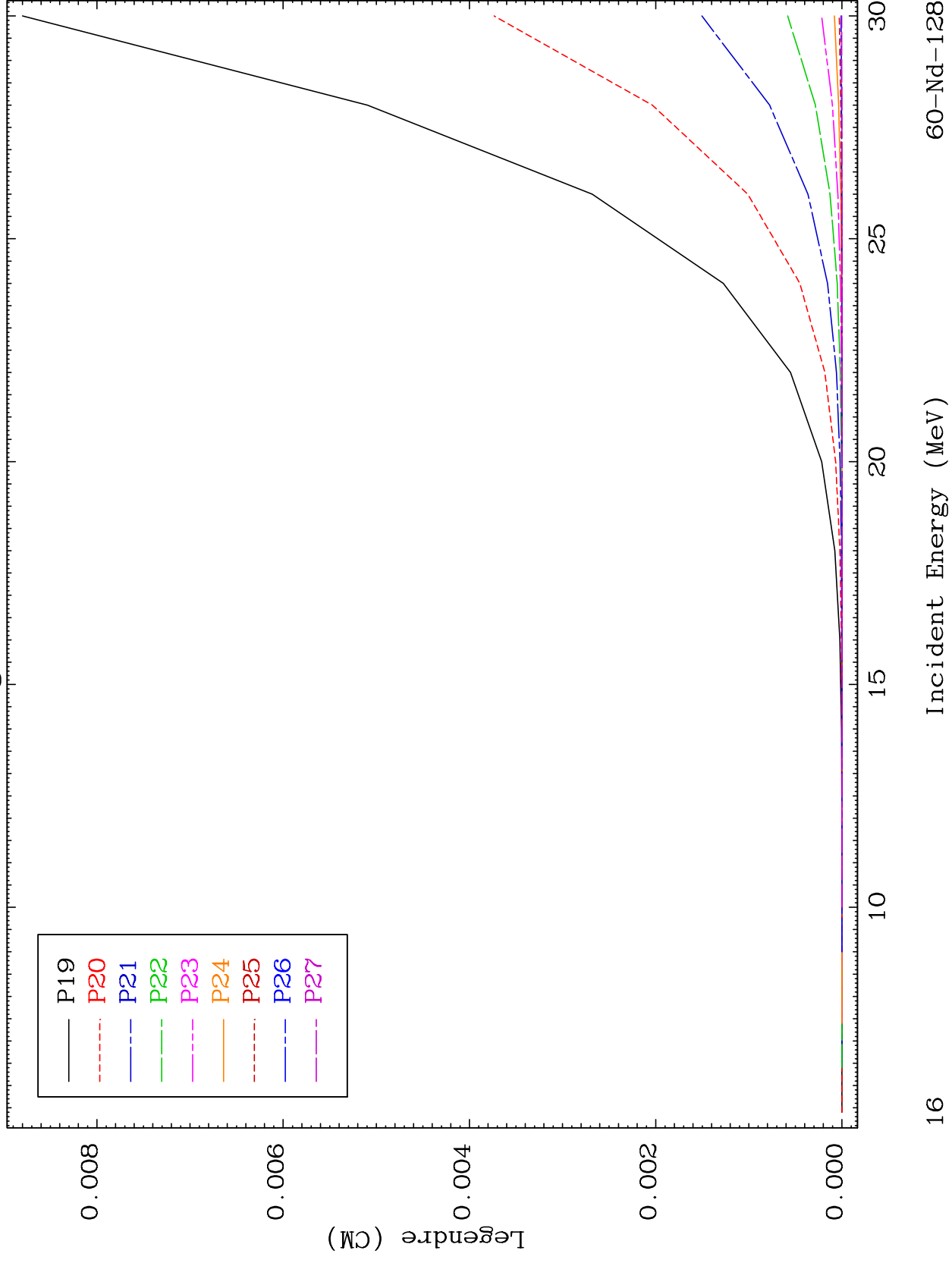
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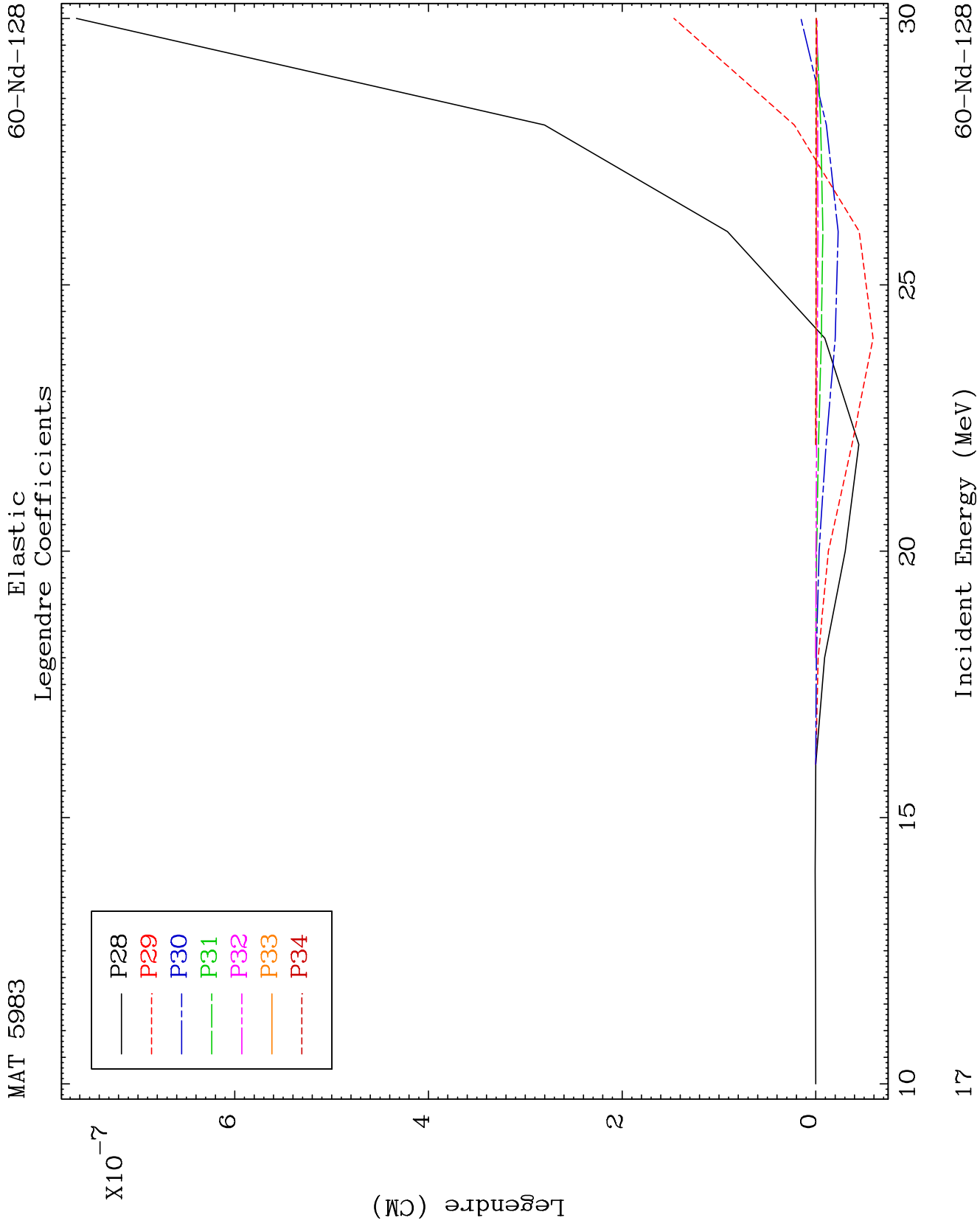


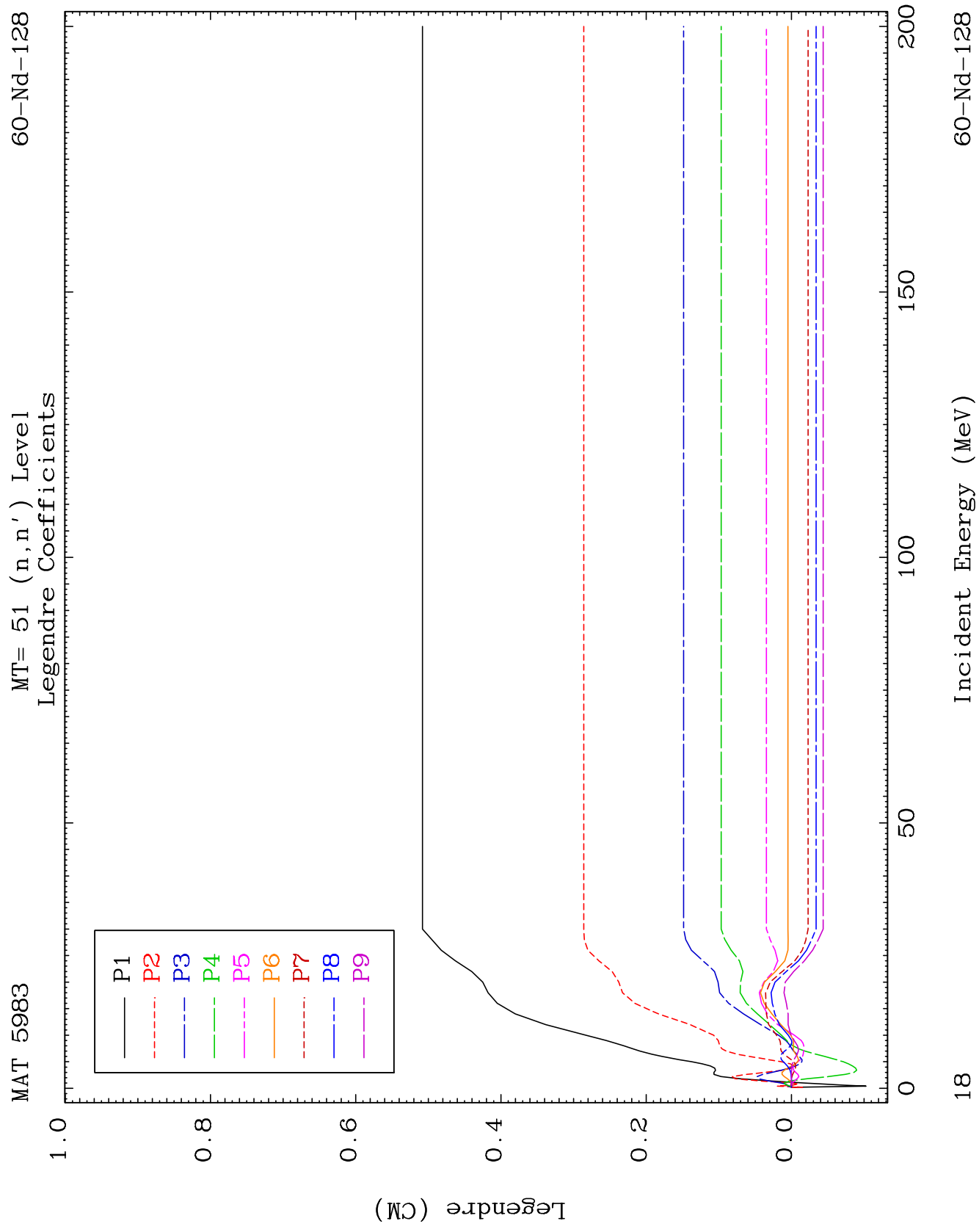
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Elastic Legendre Coefficients

60-Nd-128



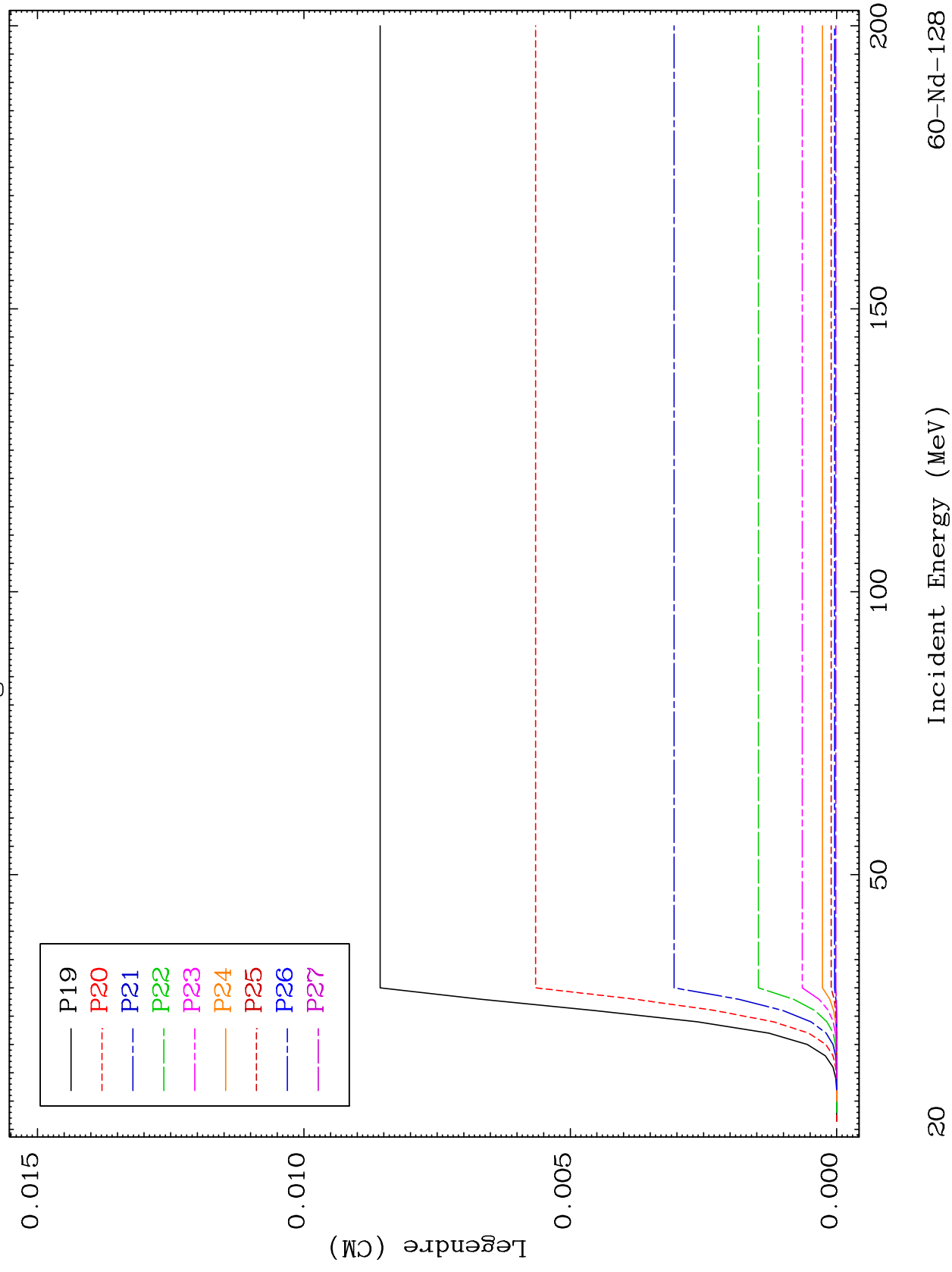


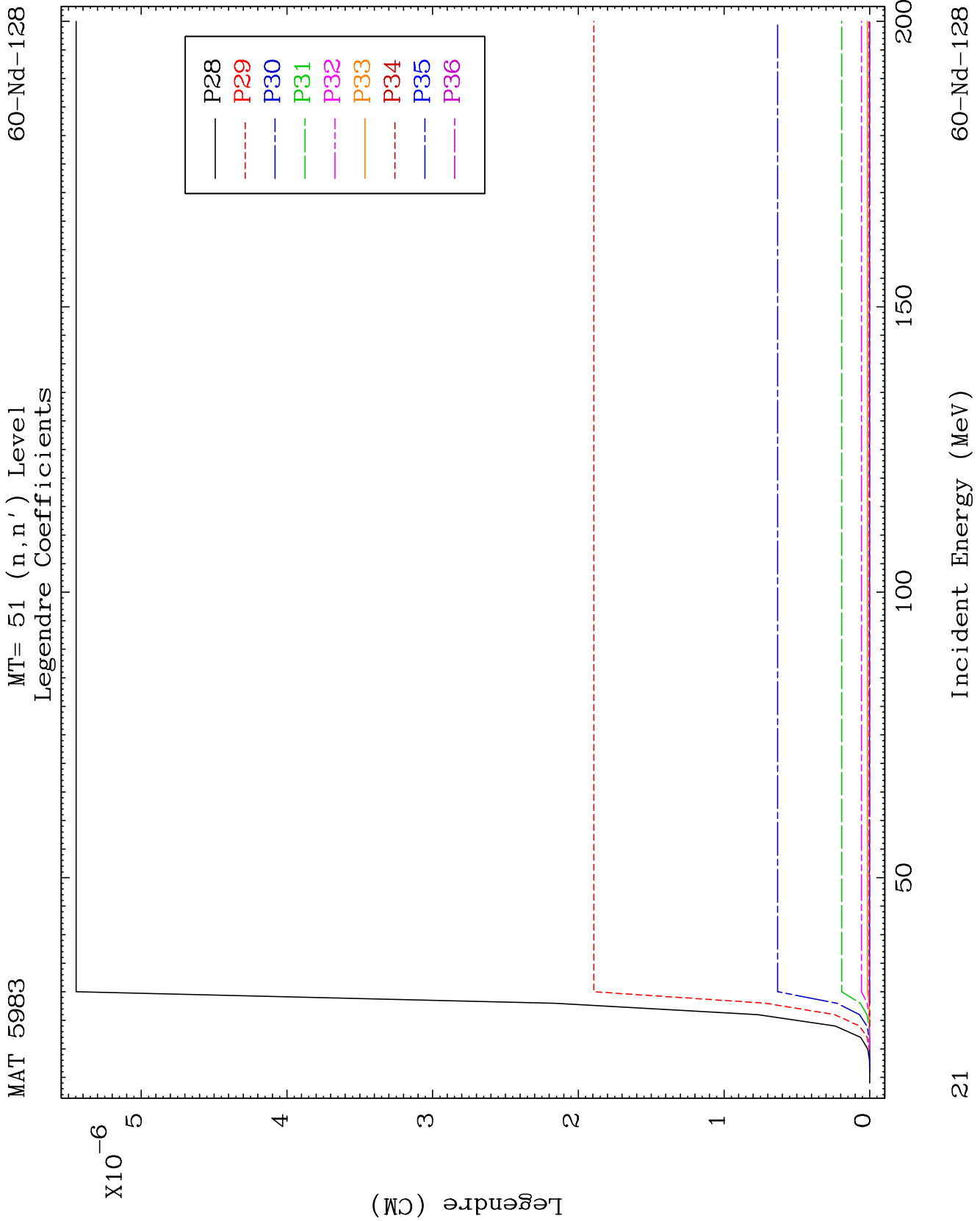


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MT= 51 (n, n') Level
Legendre Coefficients

60-Nd-128

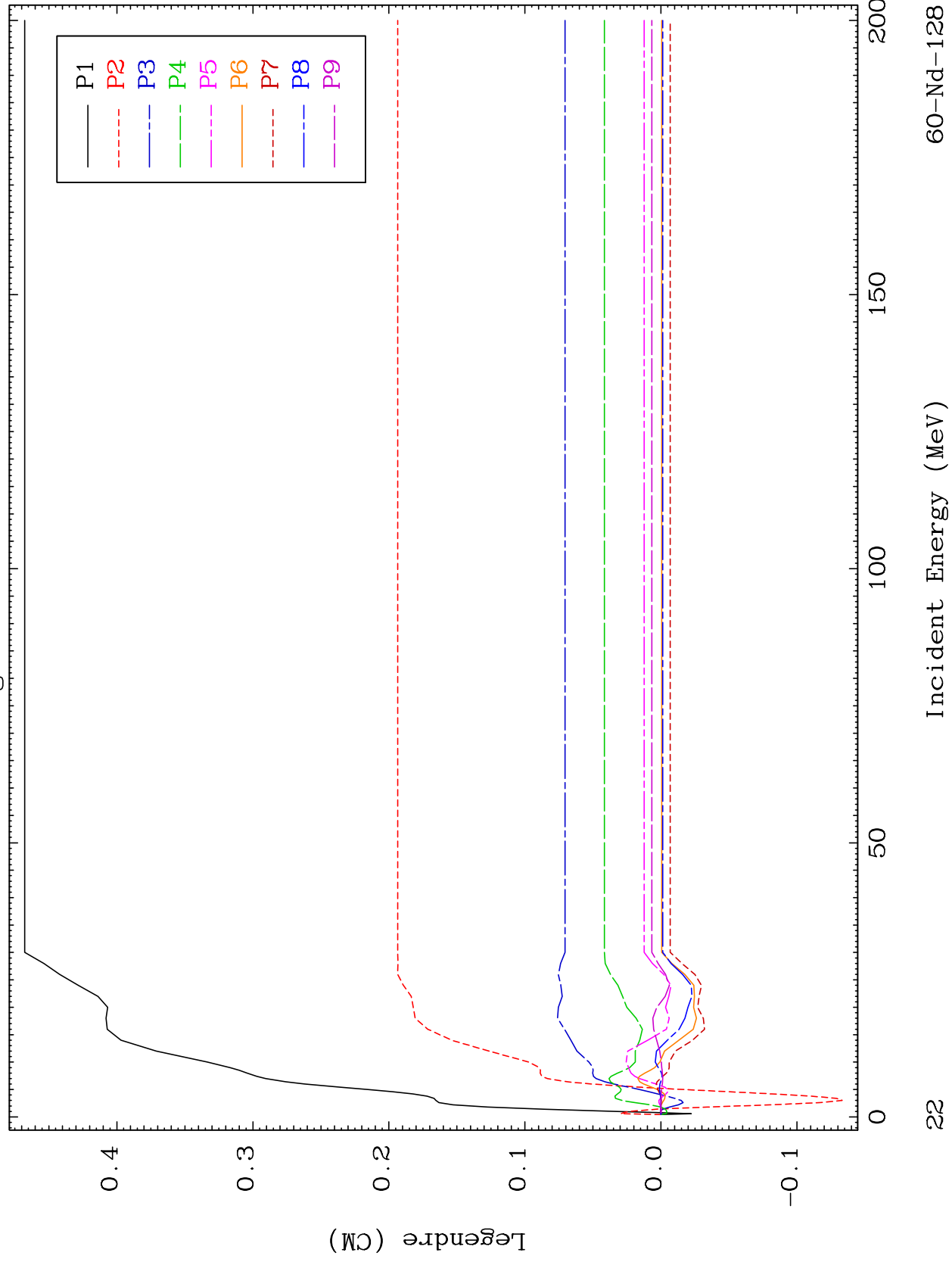


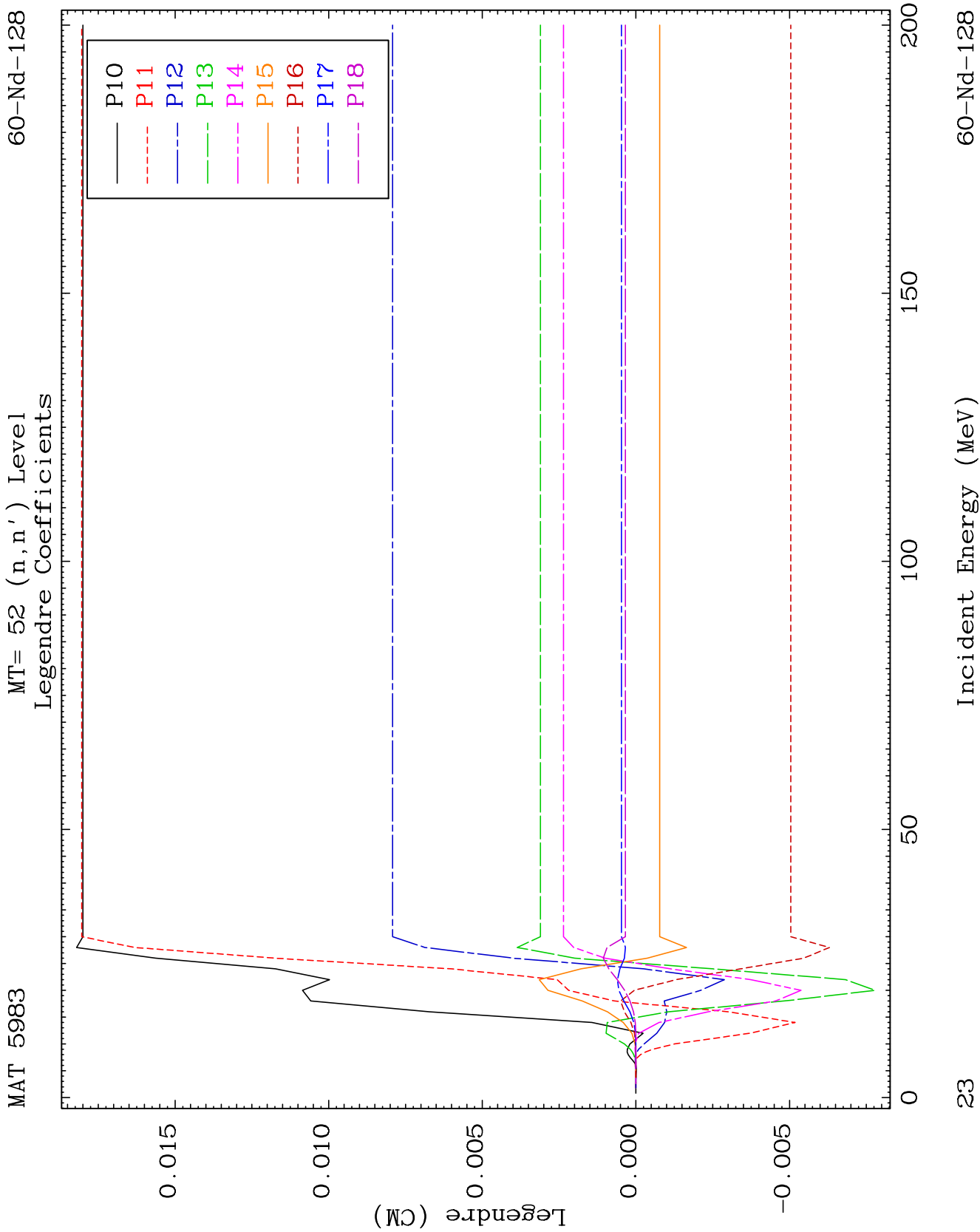


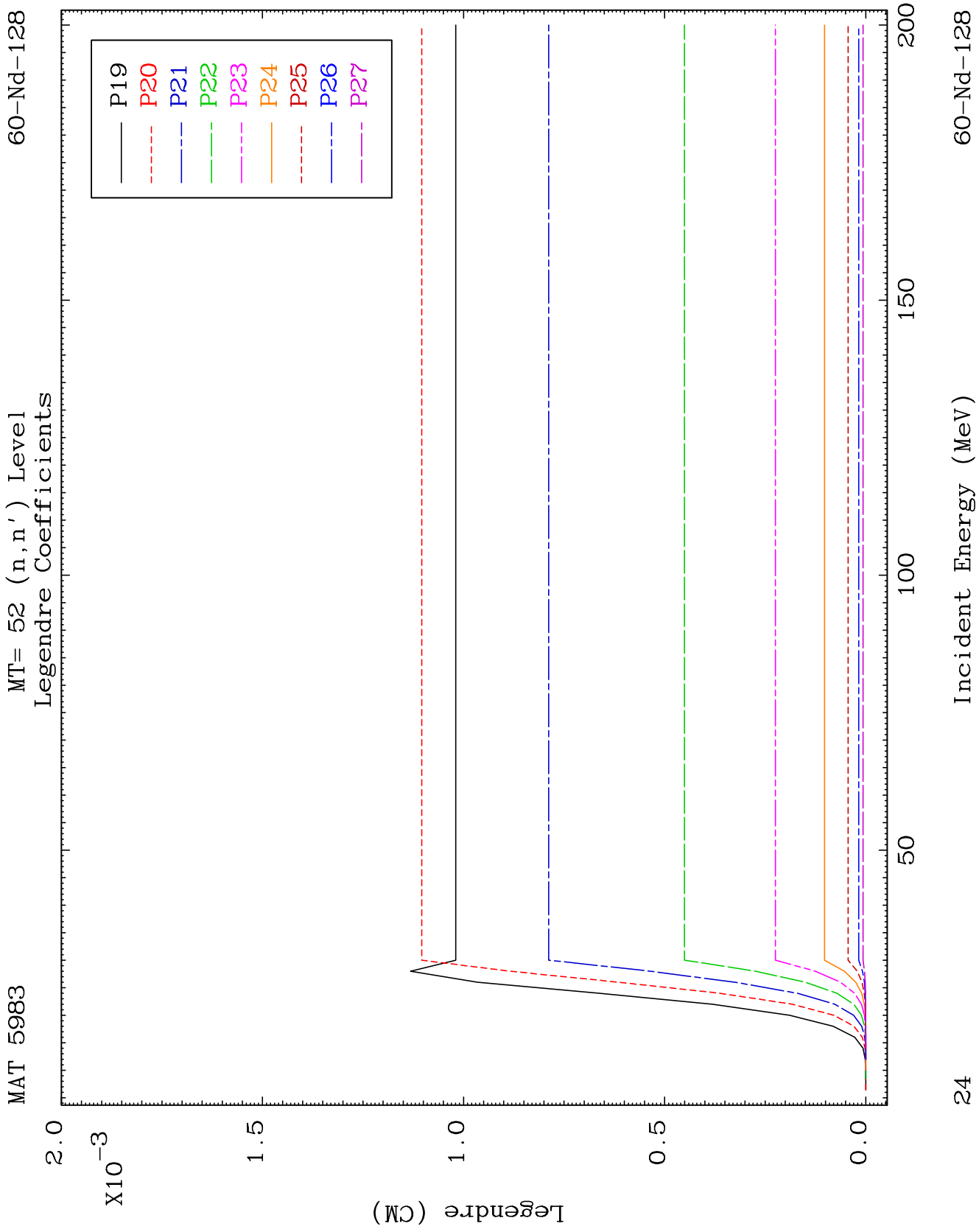
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MT= 52 (n, n') Level
Legendre Coefficients

60-Nd-128



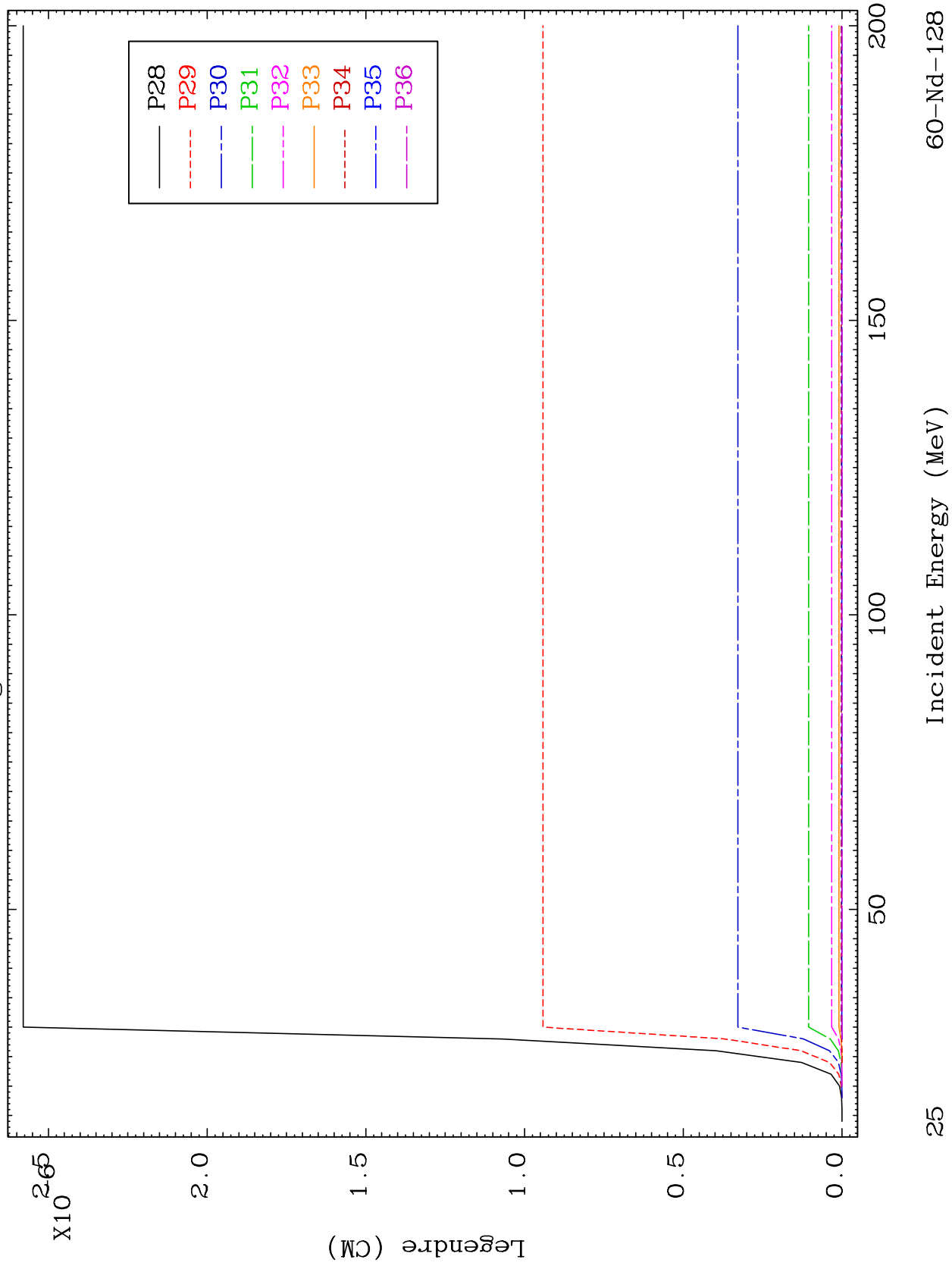




MAT 5983

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

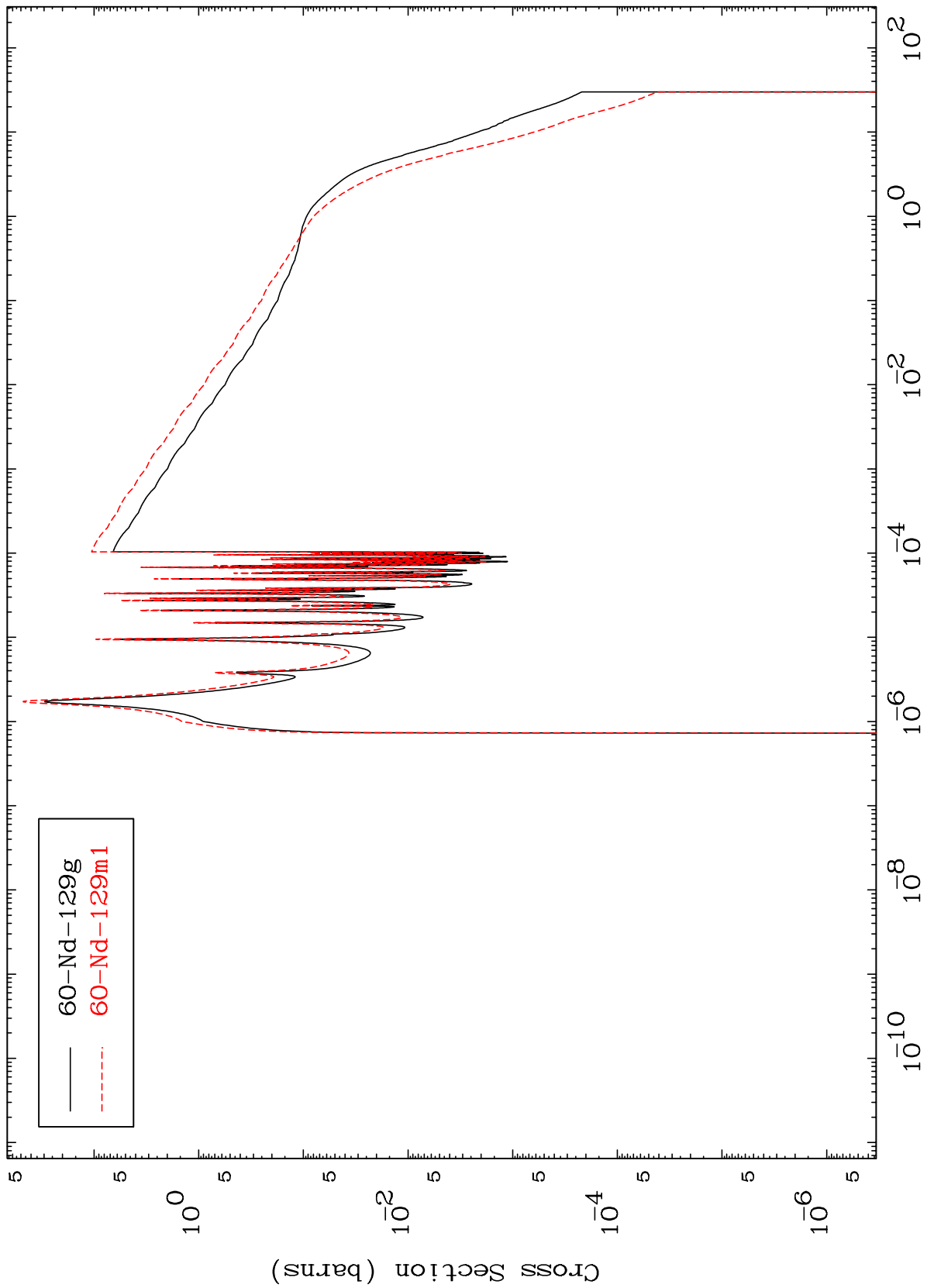
60-Nd-128



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60-Nd-128

(n, γ)
Radionuclide Production Cross Section



26

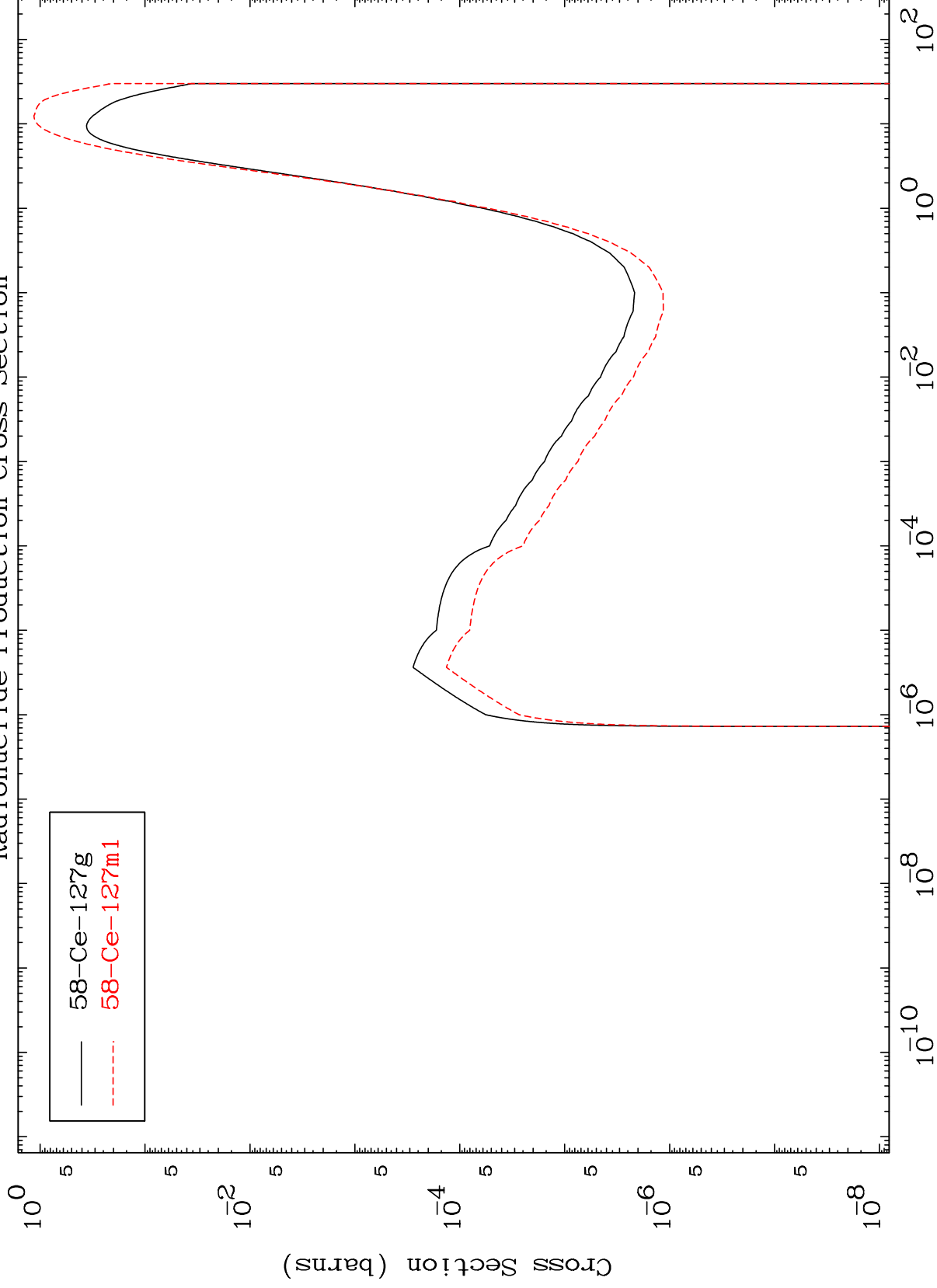
60-Nd-128

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(n,2p)

60-Nd-128

Radionuclide Production Cross Section



58-Ce-127g
58-Ce-127m1

27

Incident Energy (MeV)

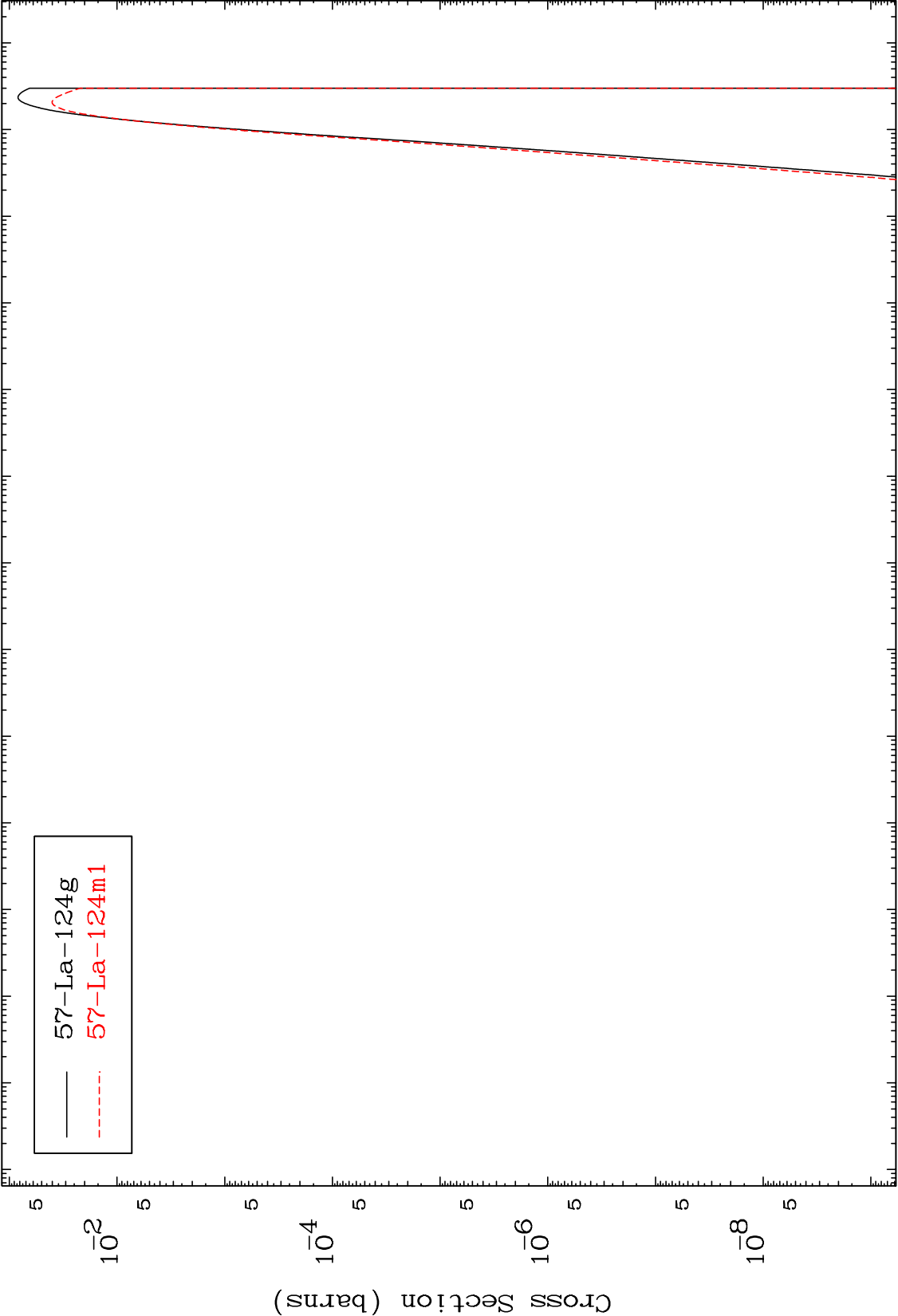
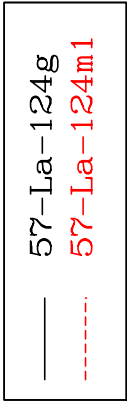
60-Nd-128

MAT 5983

(n,p) α

60-Nd-128

Radionuclide Production Cross Section



28

Incident Energy (MeV)

60-Nd-128