

Program EVALPLOT
(Version 2021-1)

by

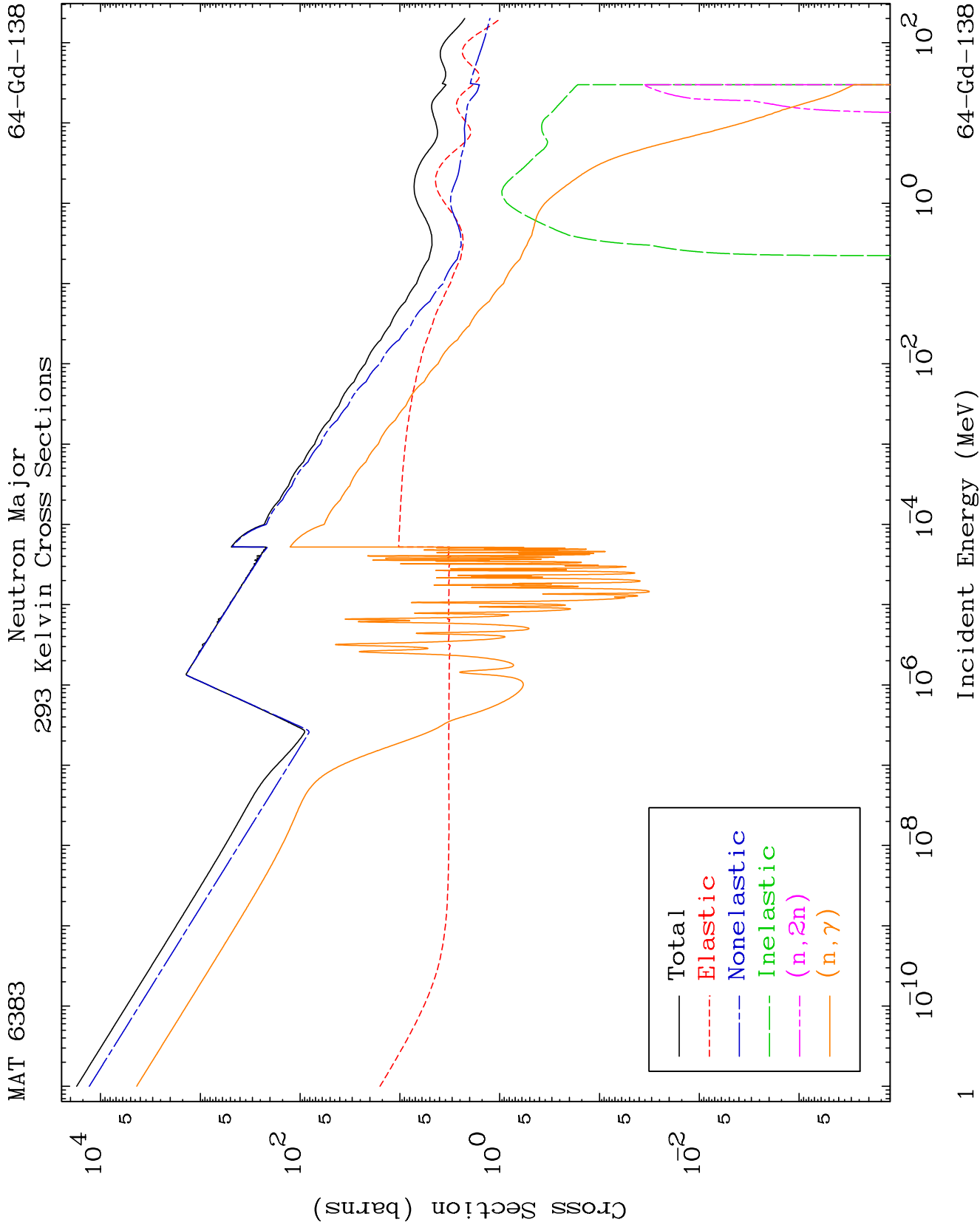
Dermott E. Cullen
(Present Contact Information)

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E.Mail: redcullen1@comcast.net
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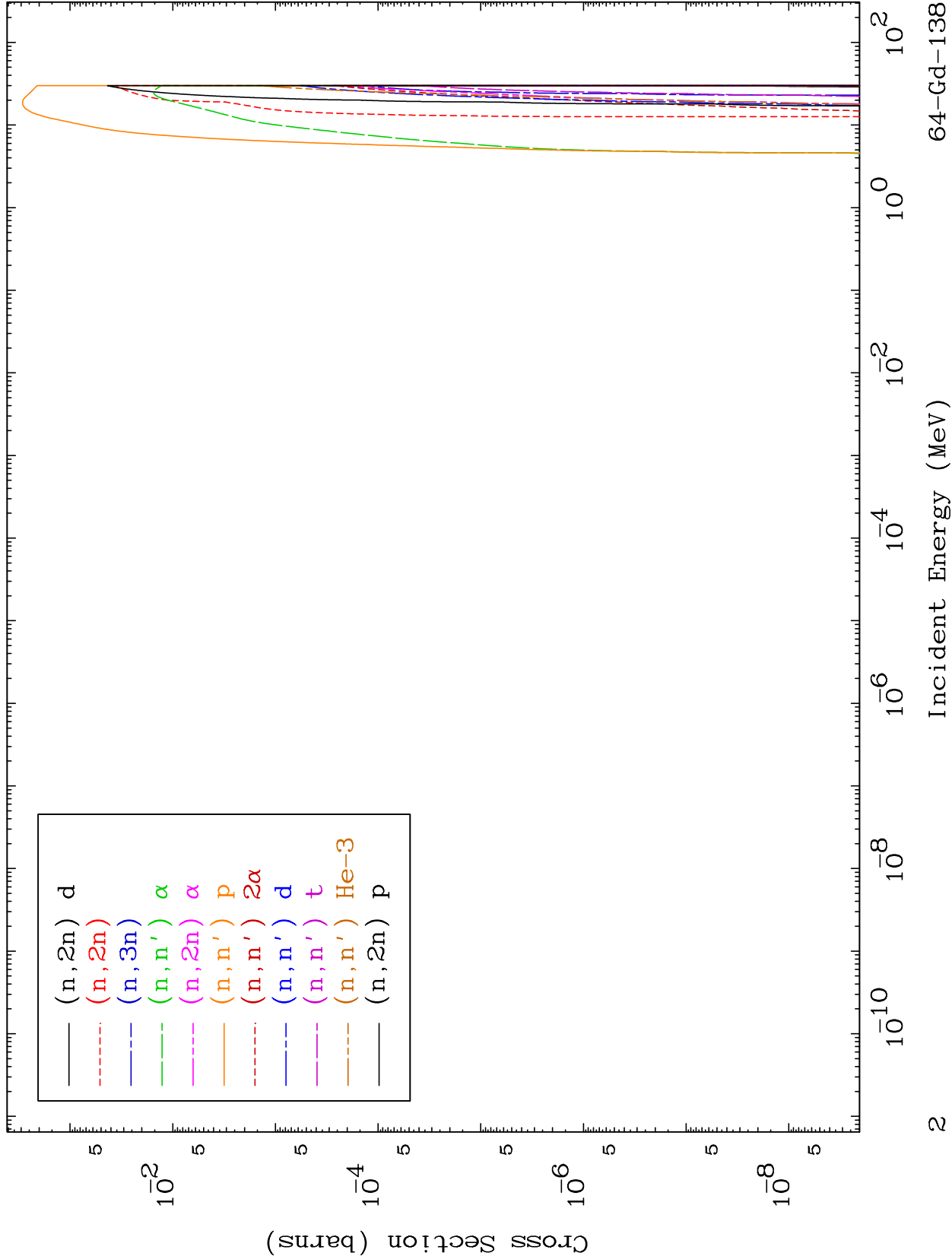
Press Mouse Button to Start

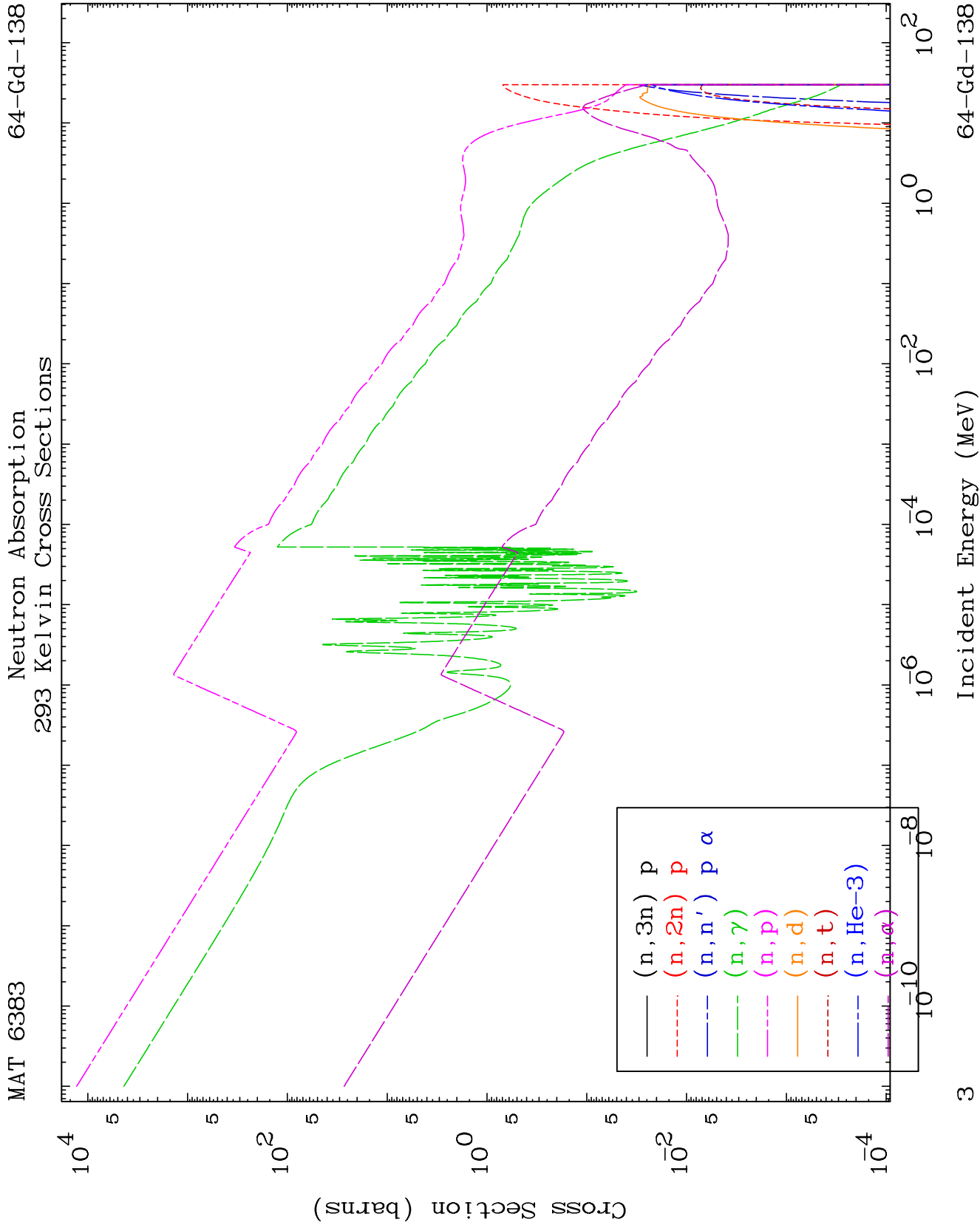


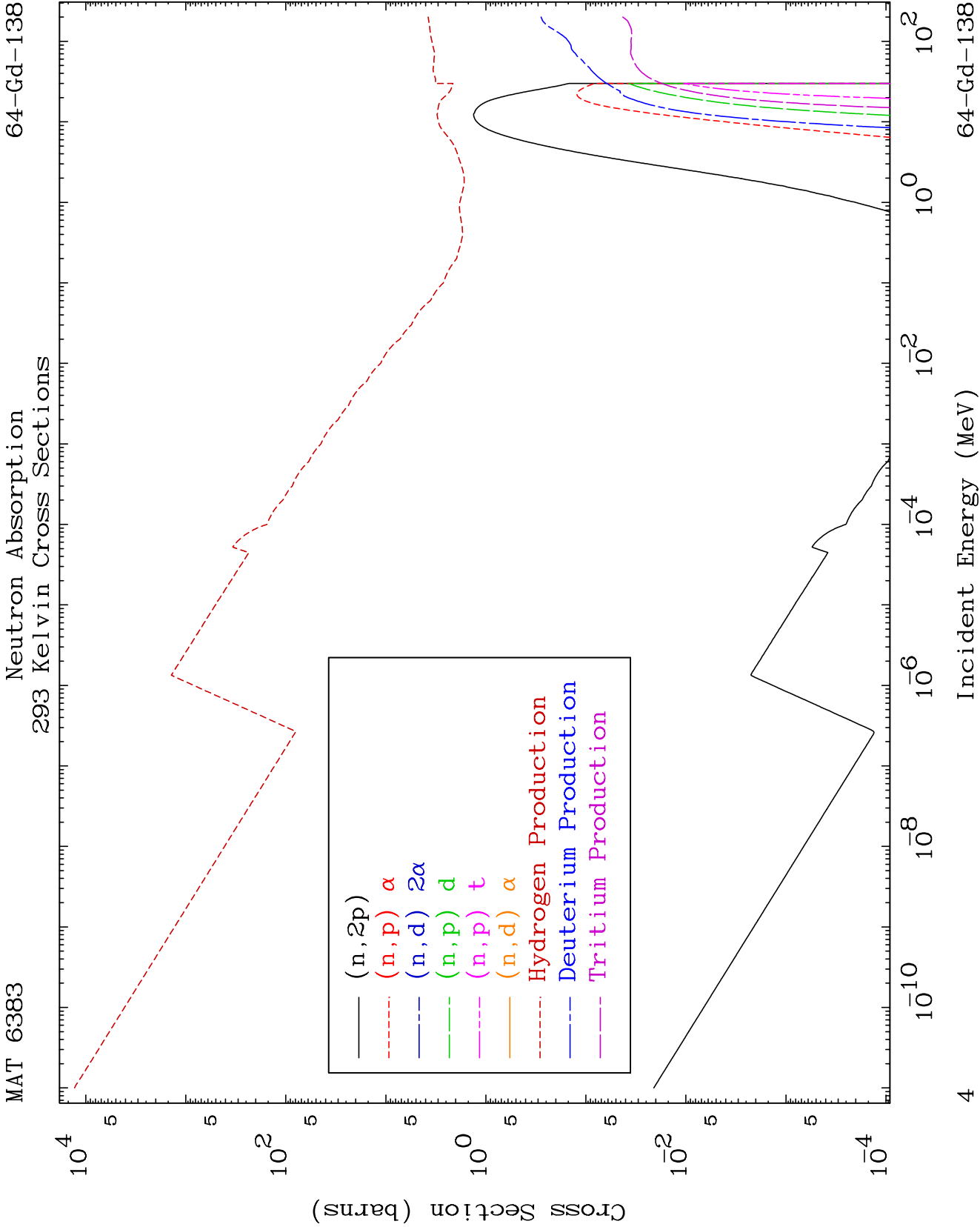
MAT 6383

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-138



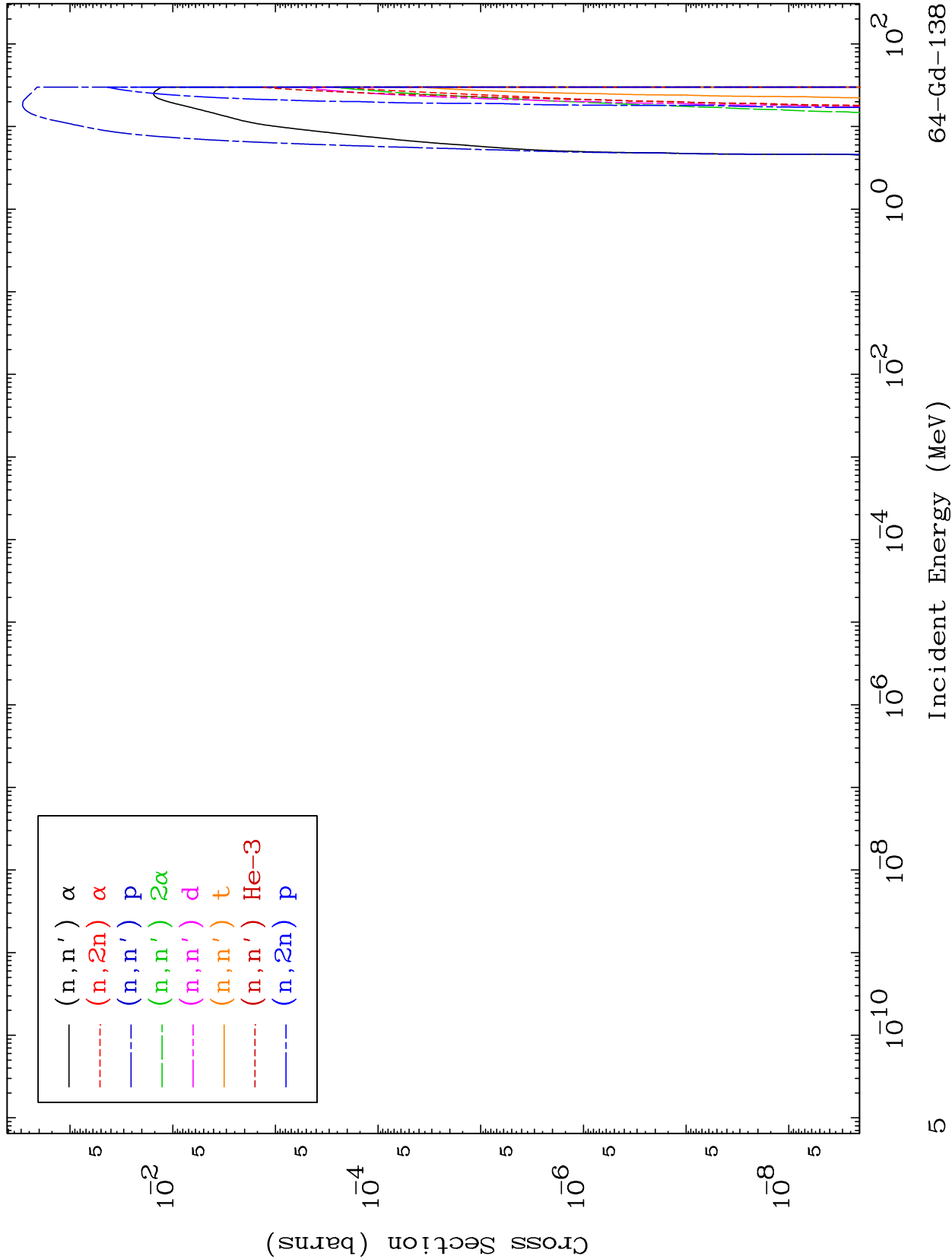


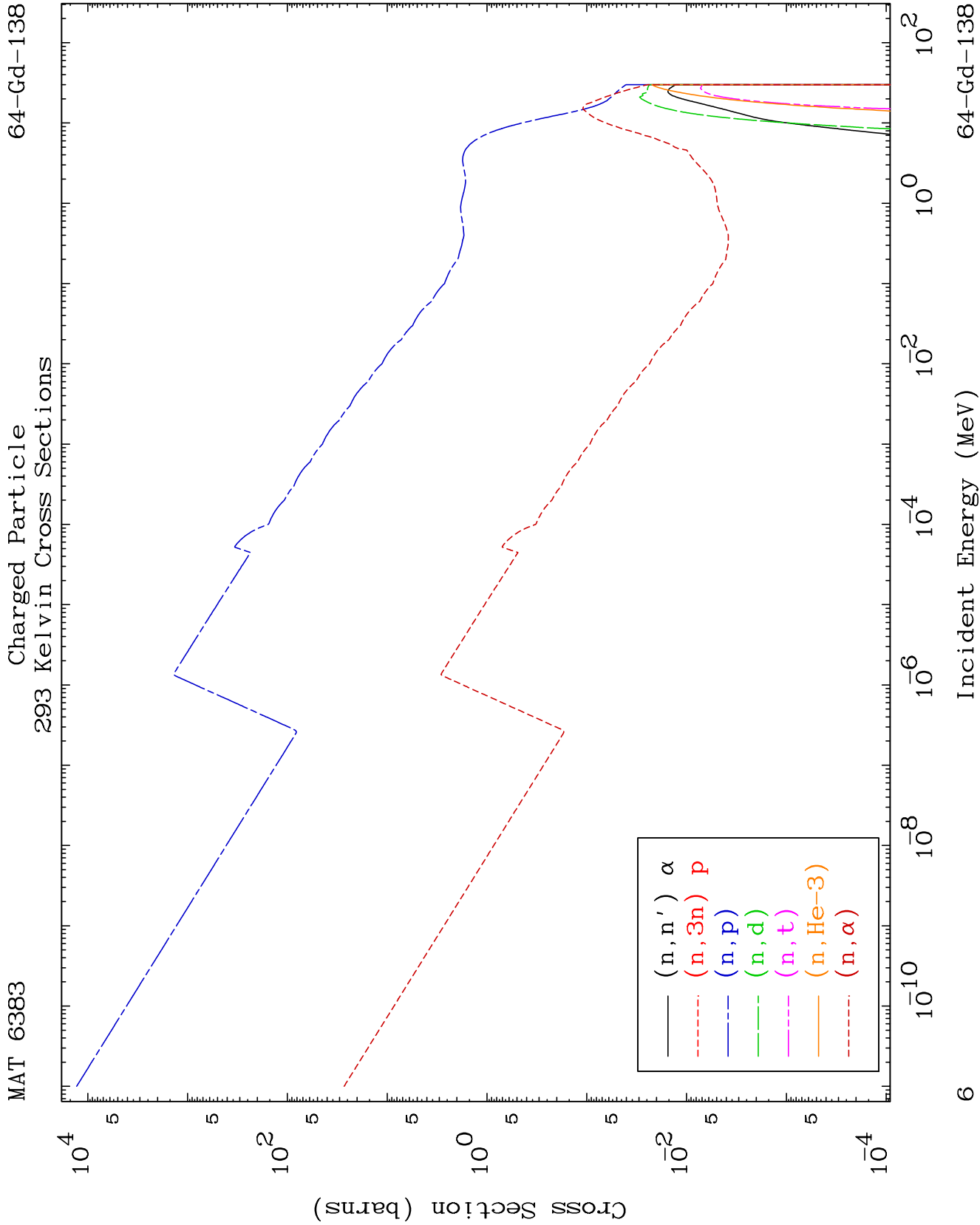


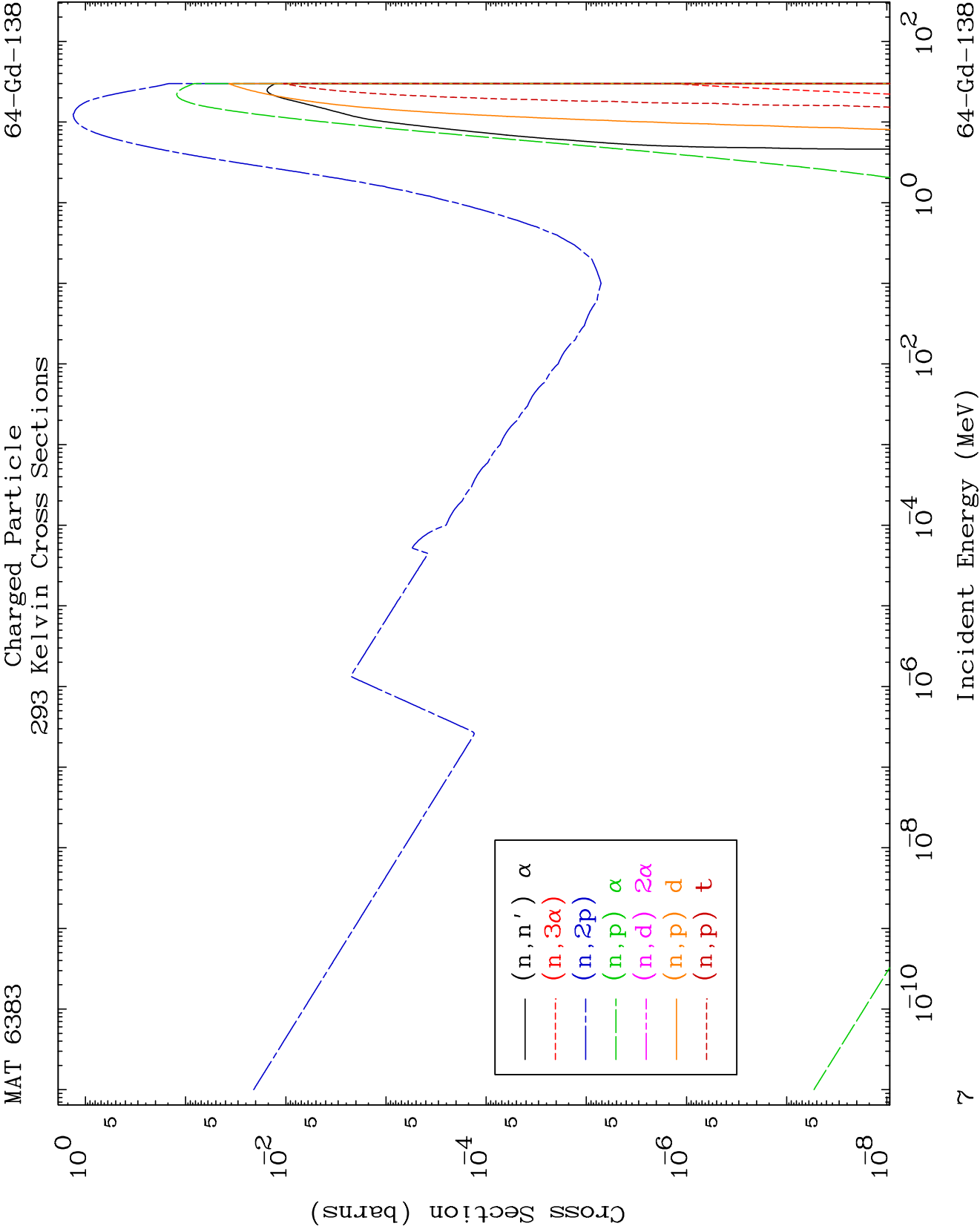
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Charged Particle
293 Kelvin Cross Sections

64-Gd-138



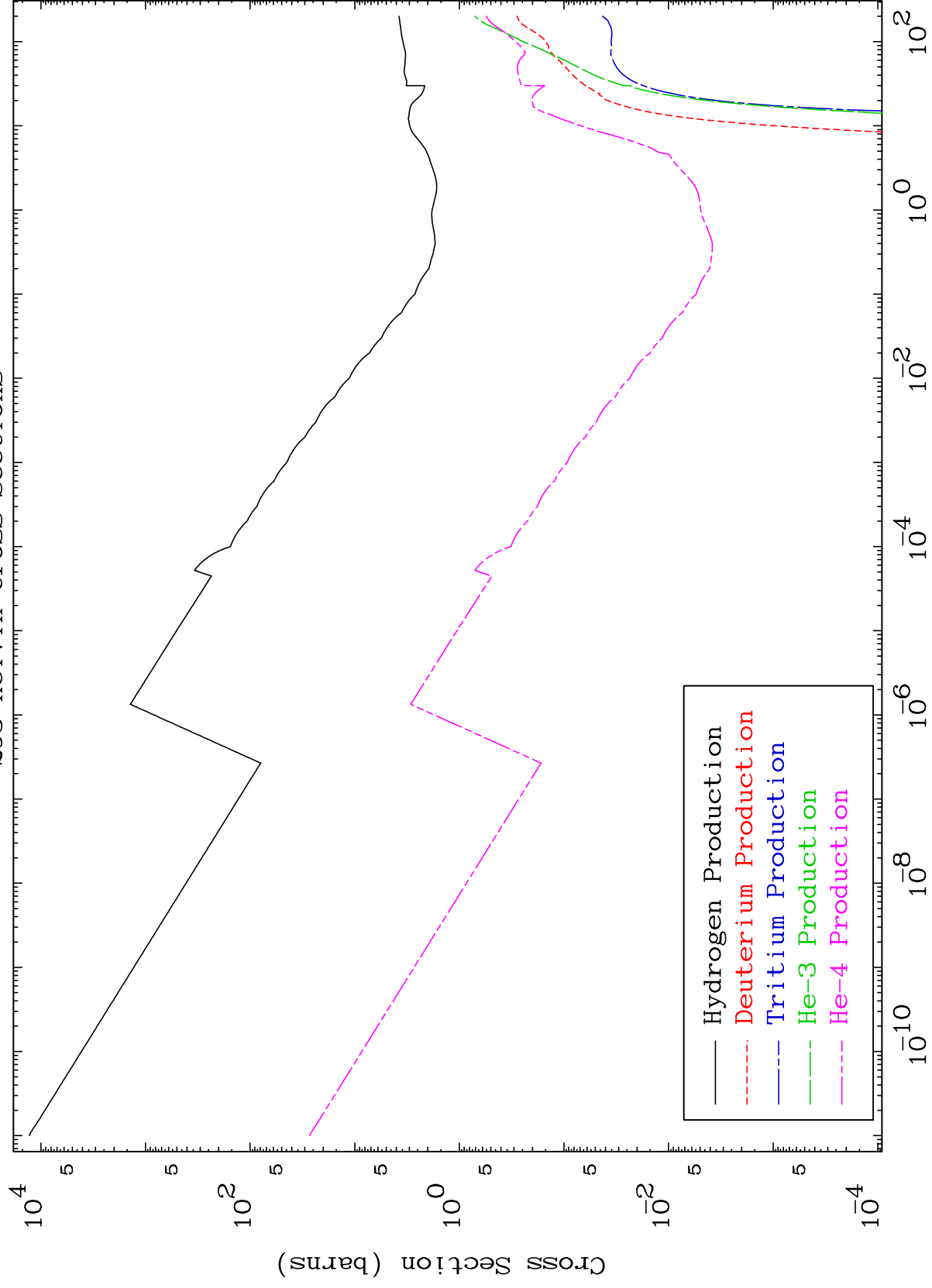


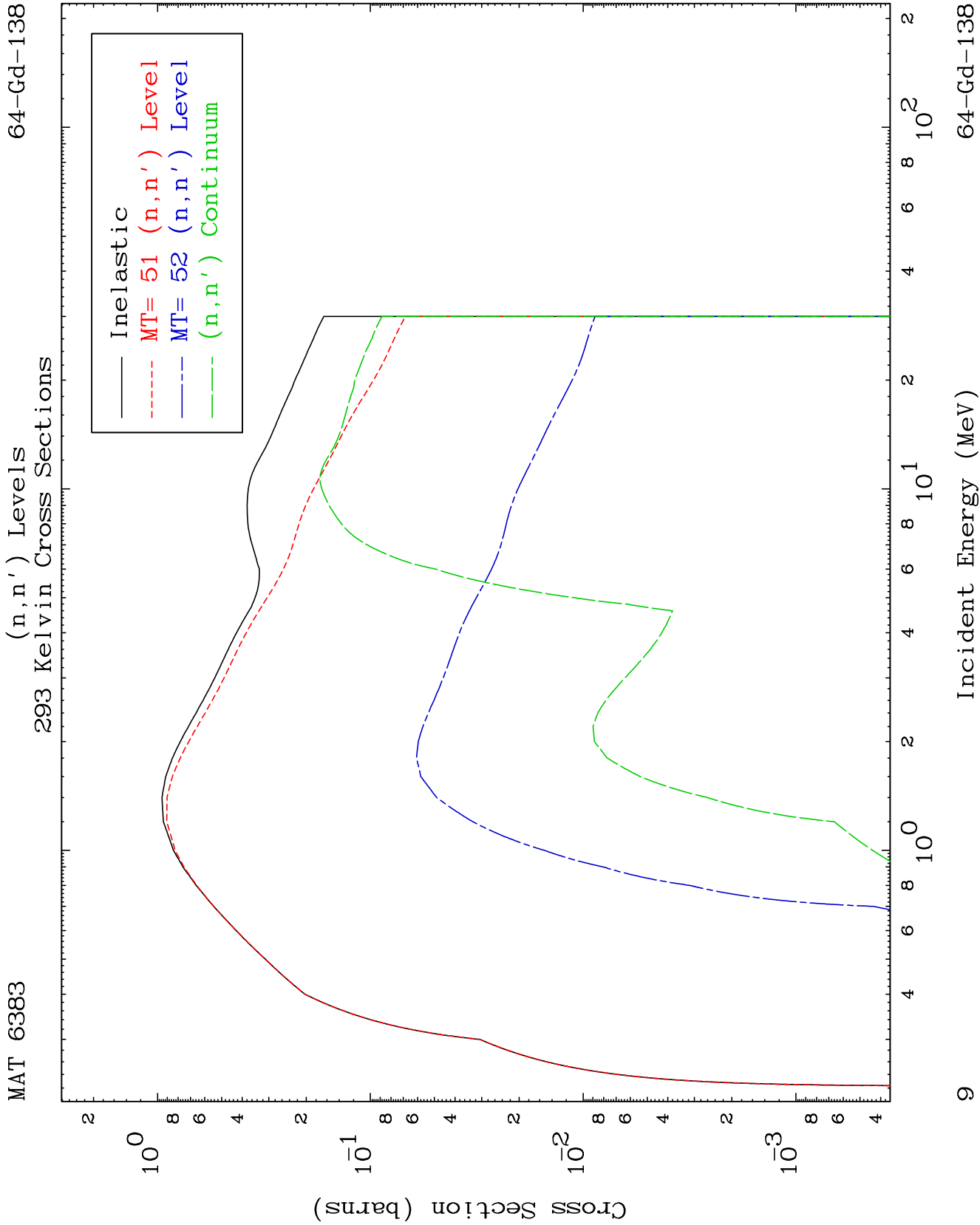


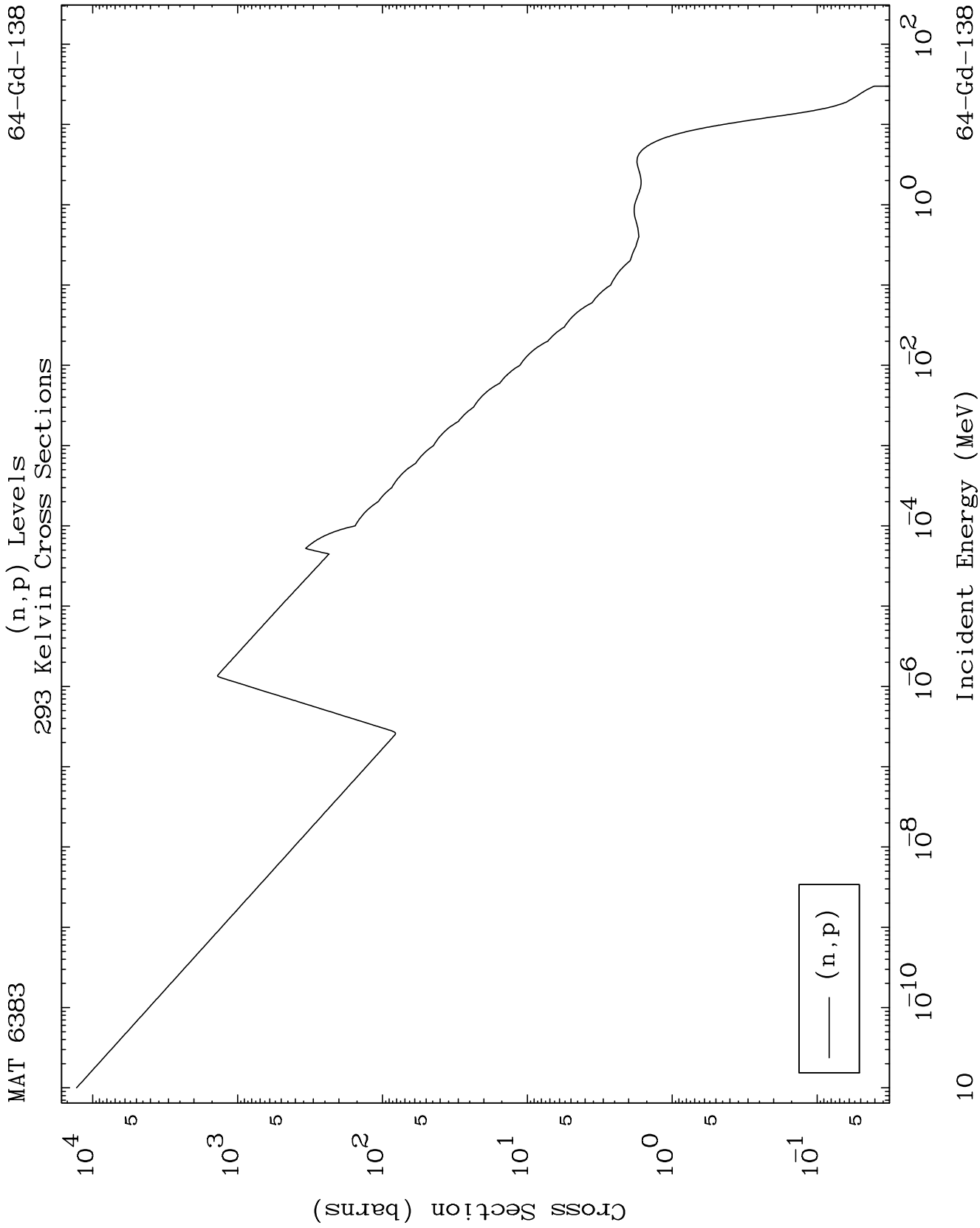
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Particle Production
293 Kelvin Cross Sections

64-Gd-138



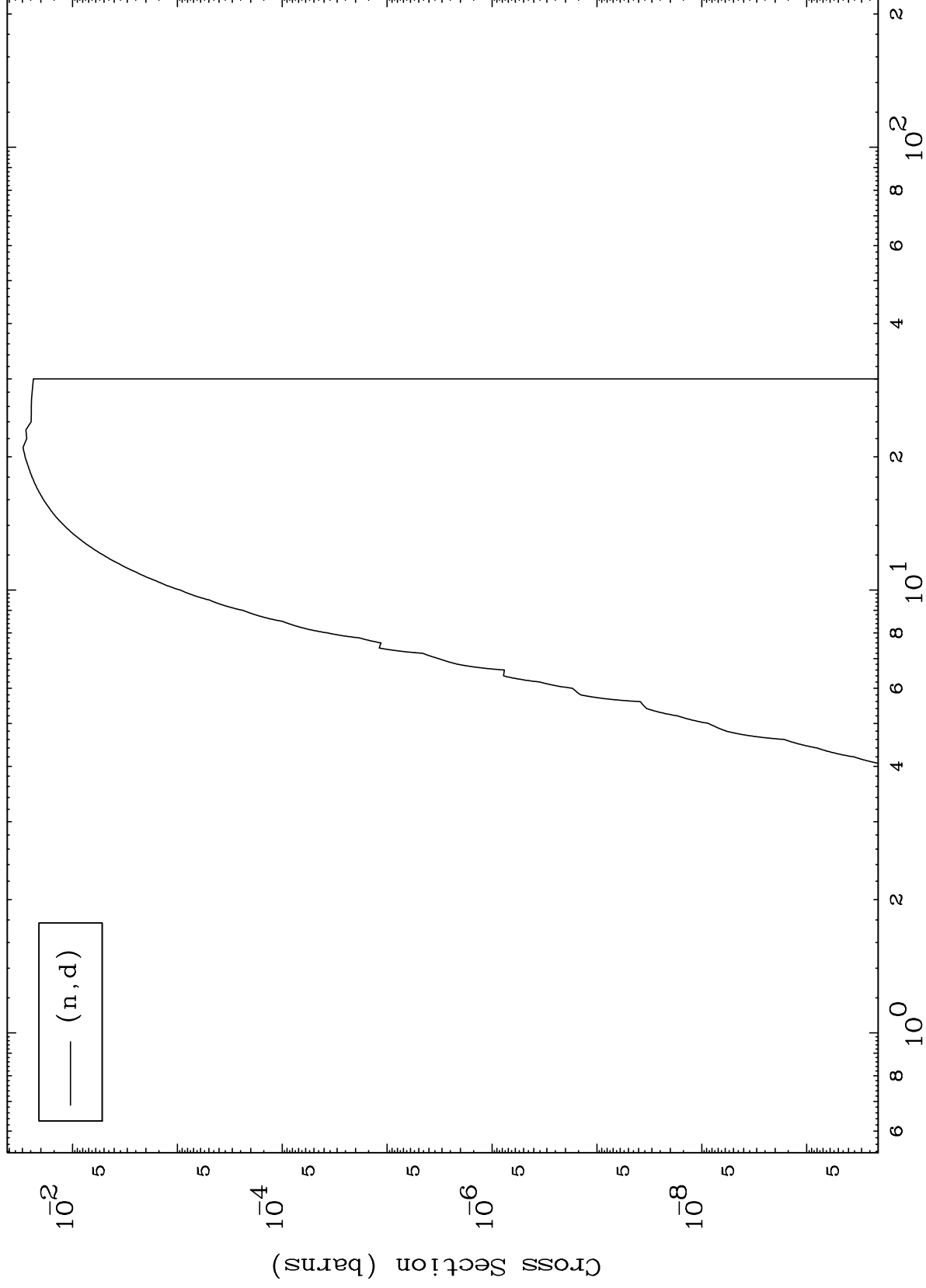




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64-Gd-138

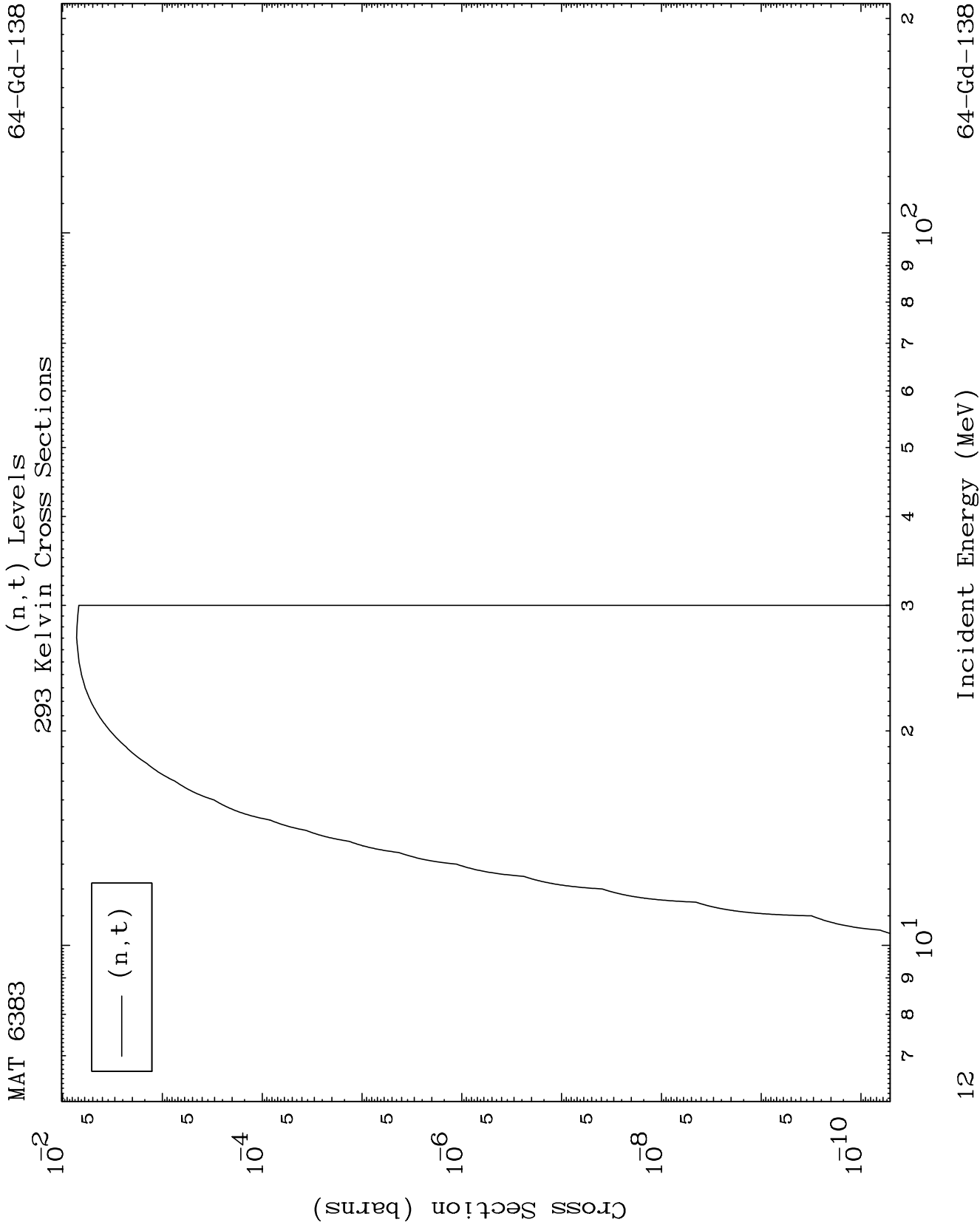
(n,d) Levels
293 Kelvin Cross Sections



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Incident Energy (MeV)

64-Gd-138

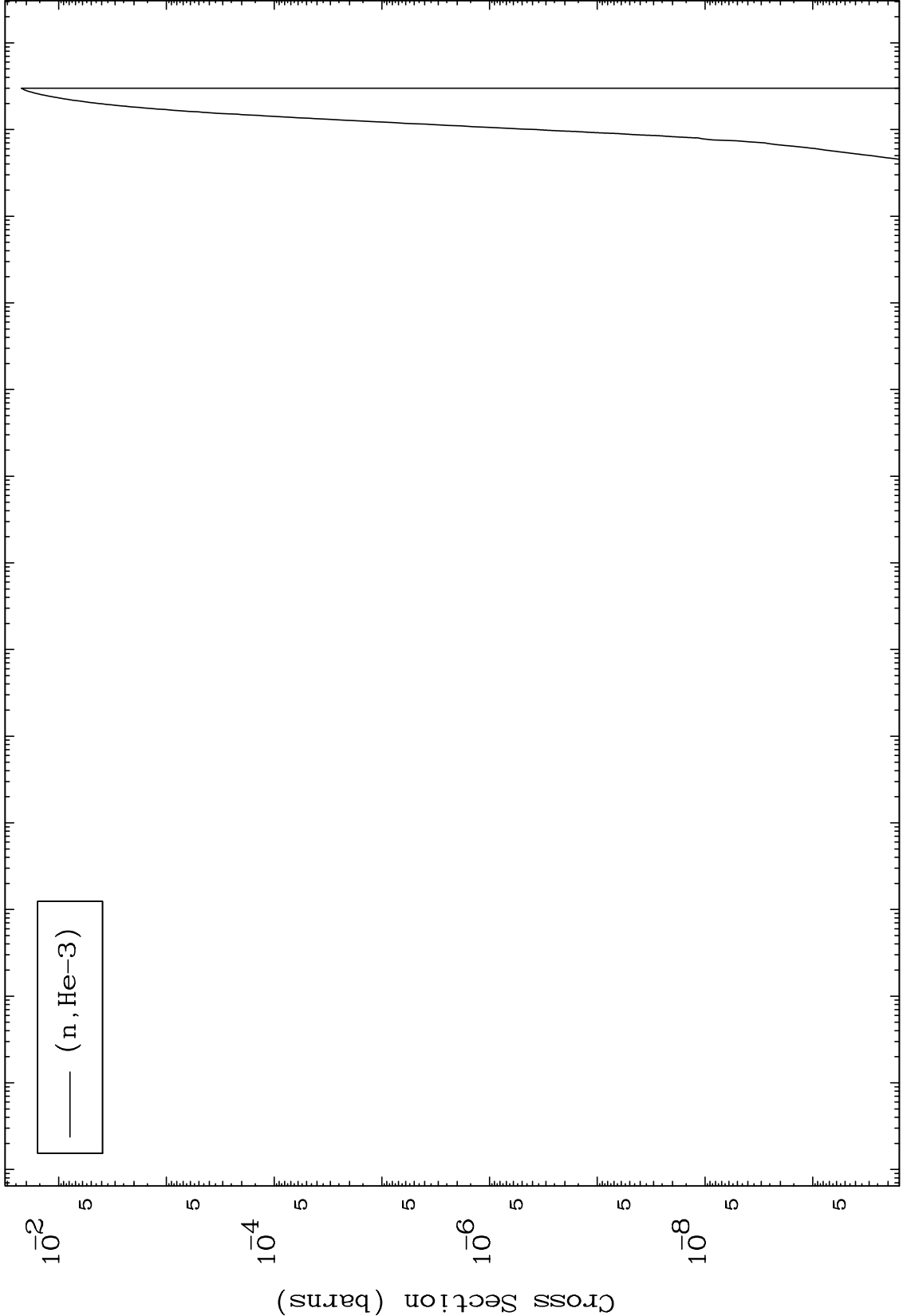


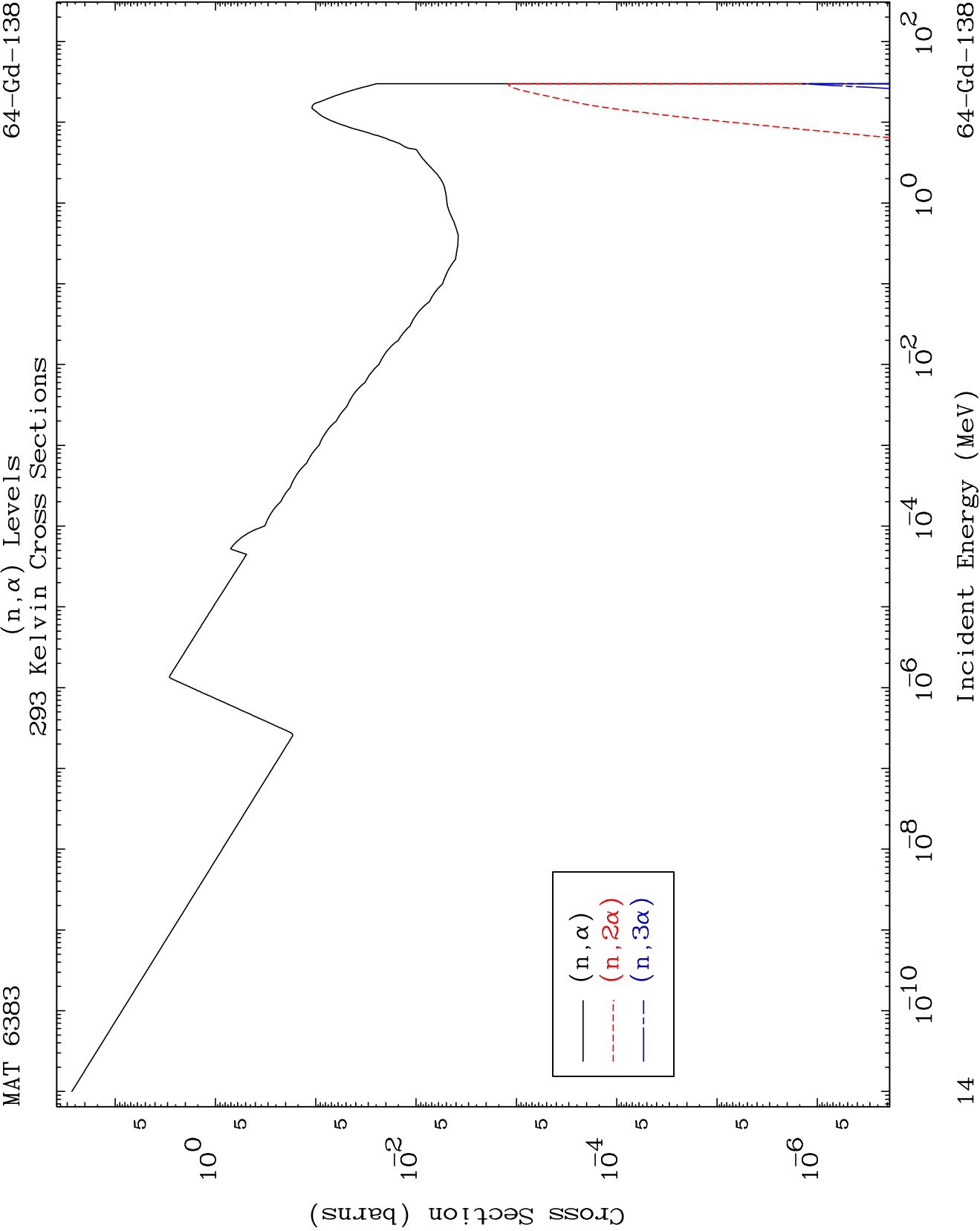
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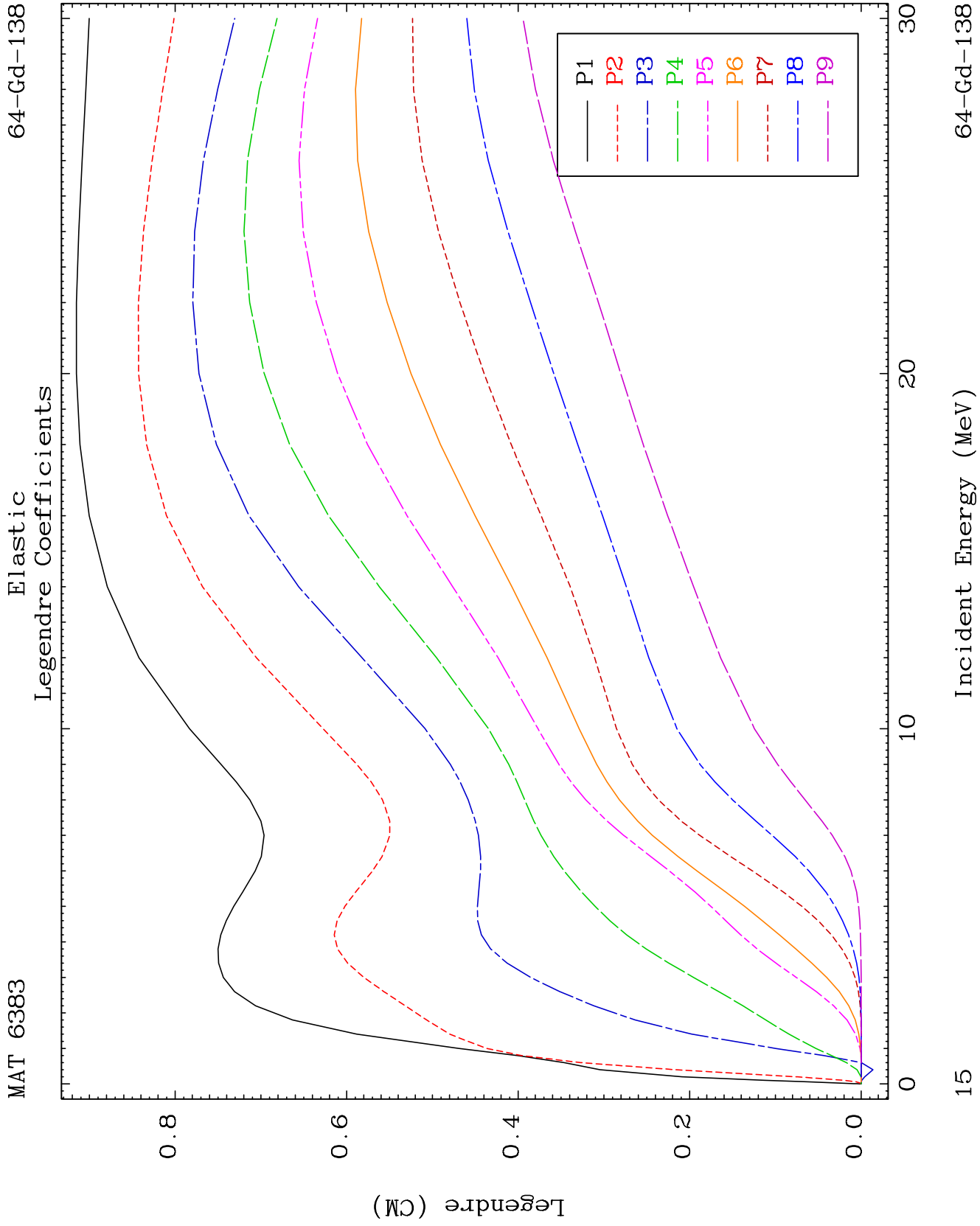
(n,He3) Levels

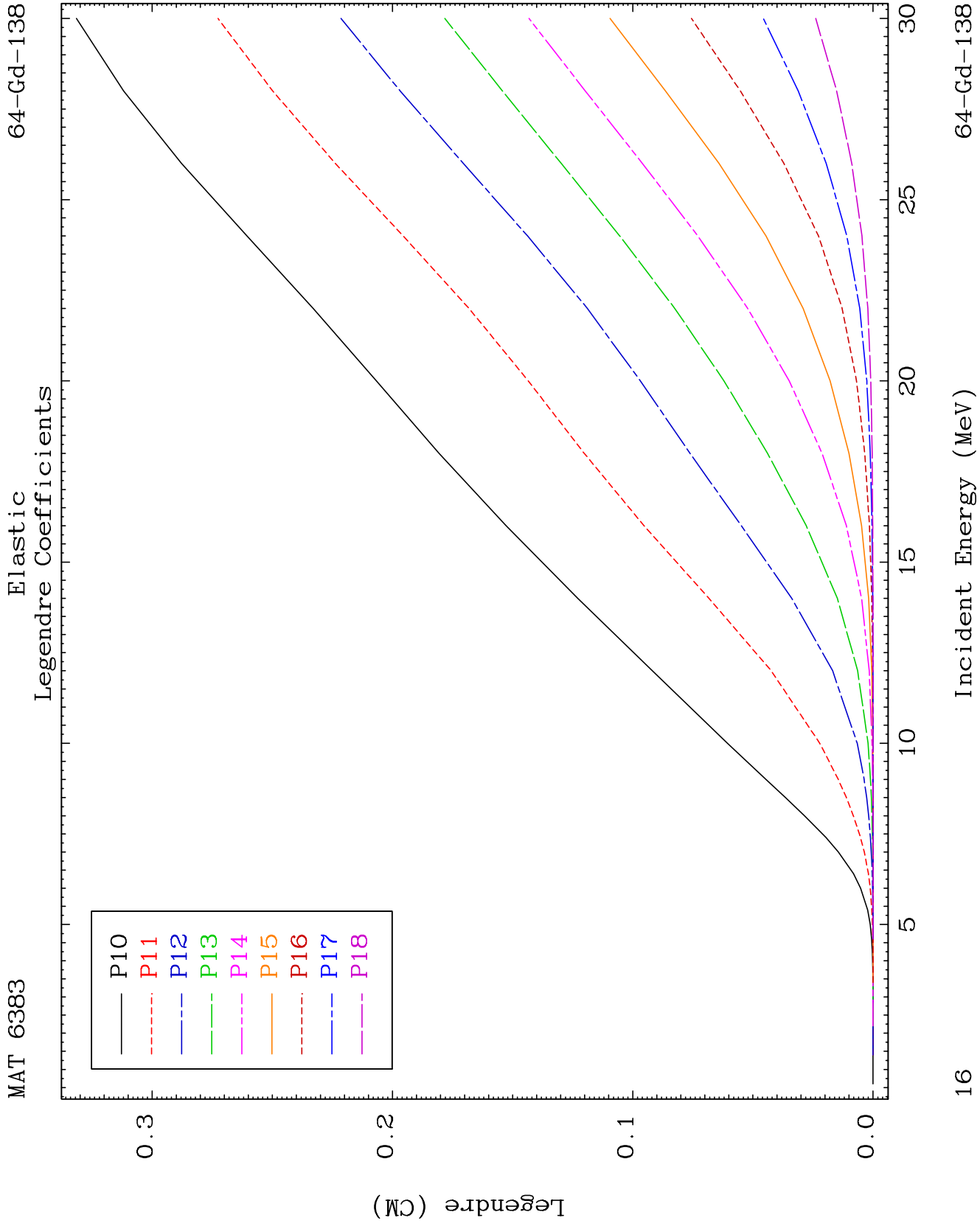
64-Gd-138

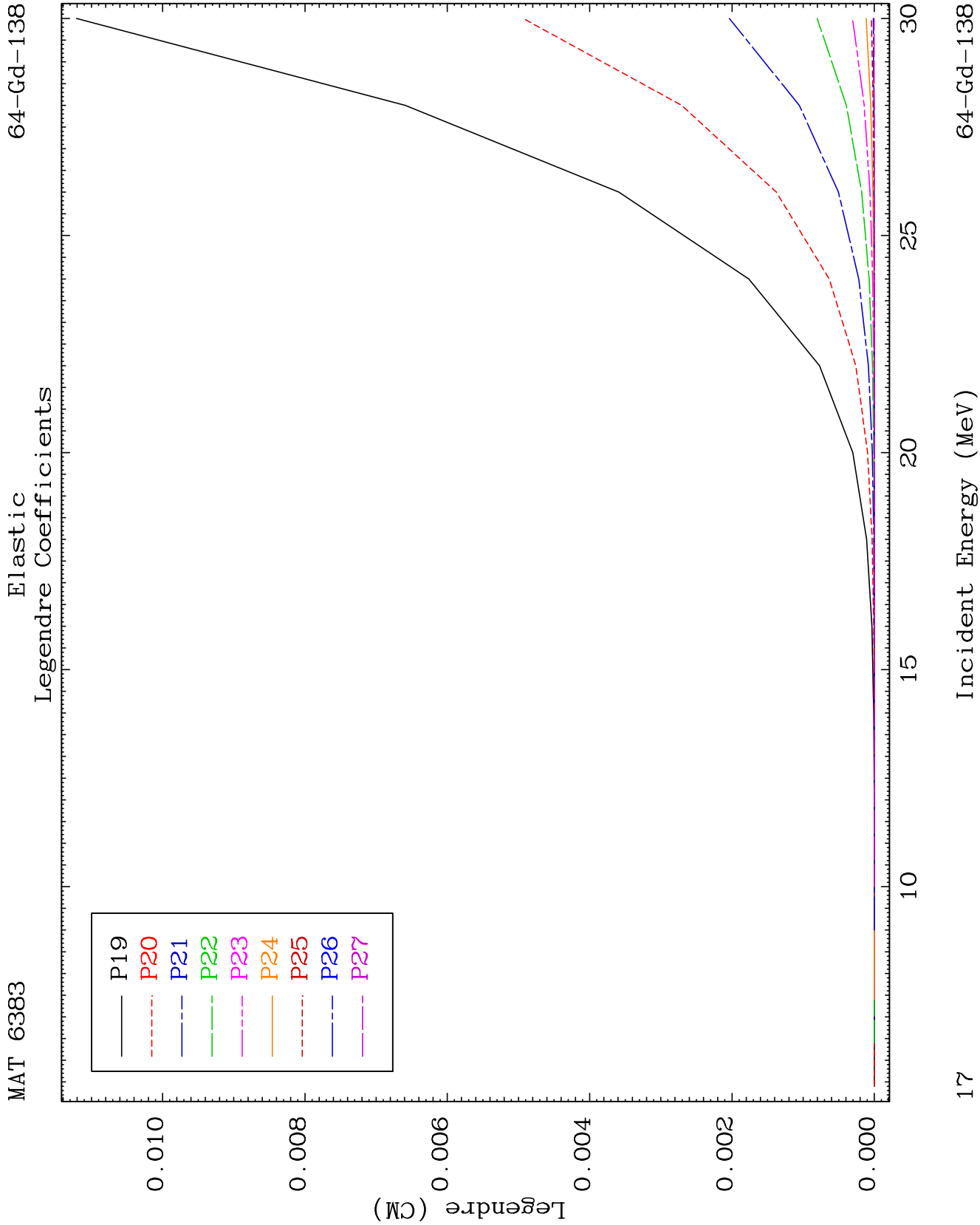
293 Kelvin Cross Sections







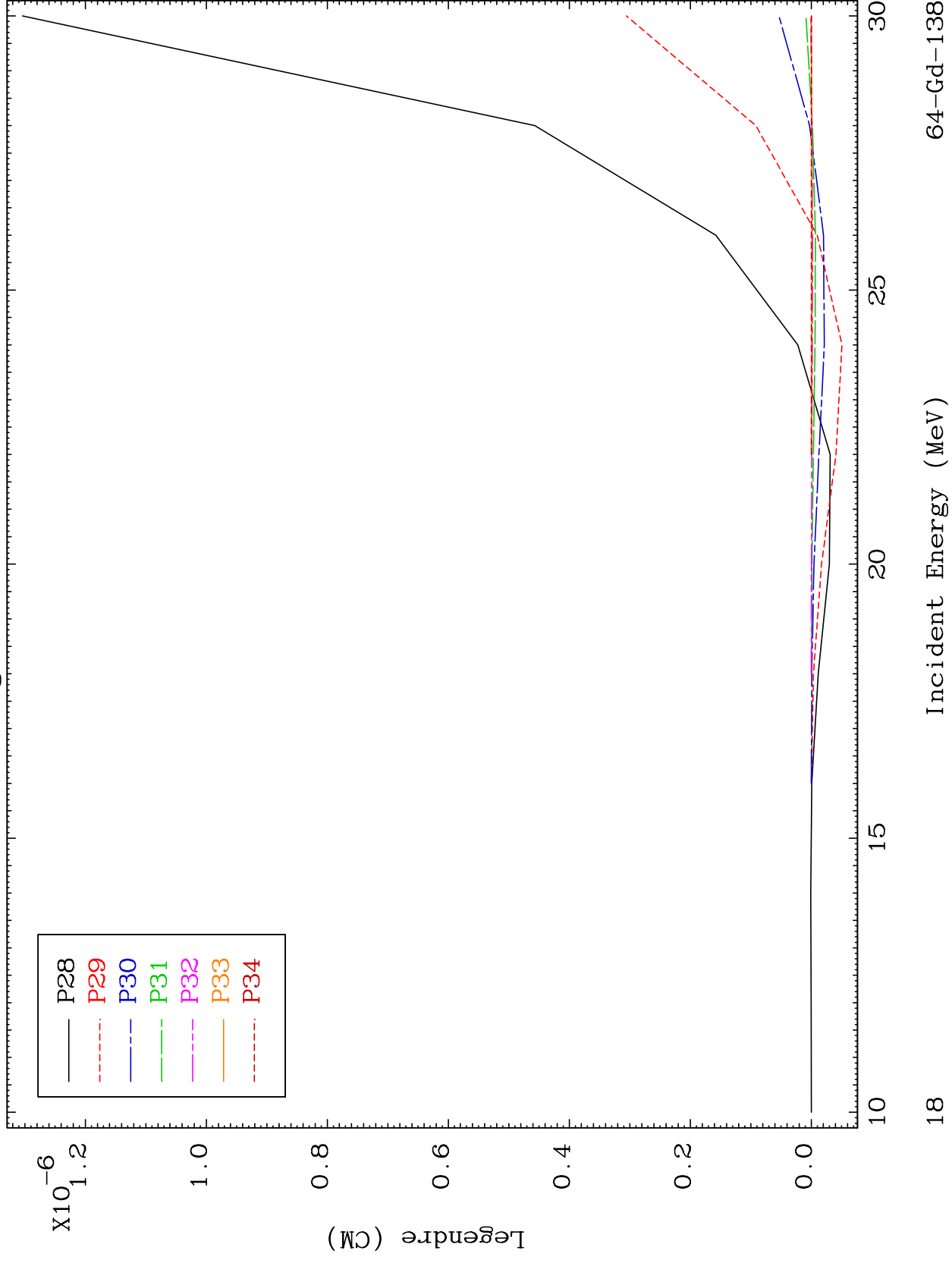


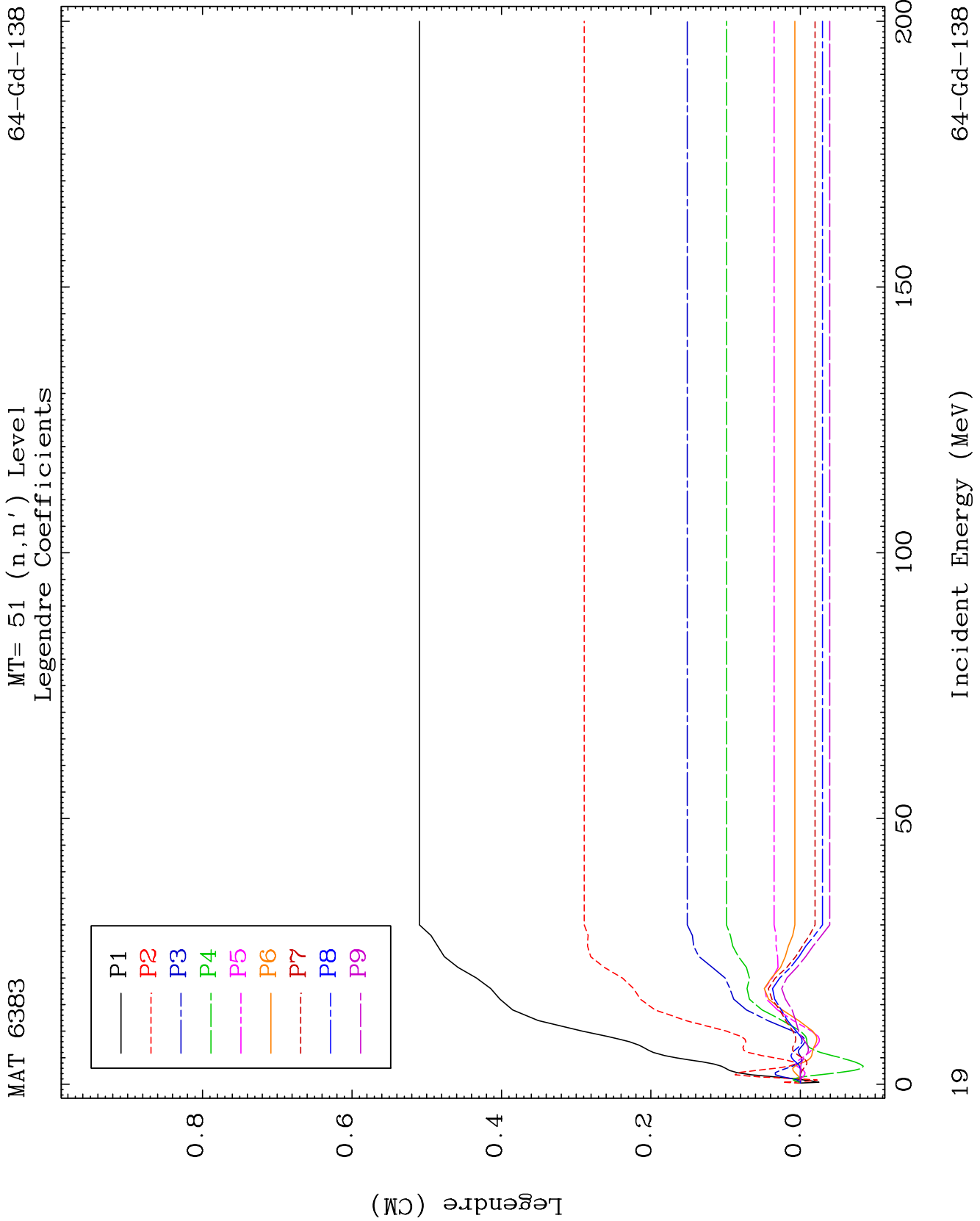


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Elastic Legendre Coefficients

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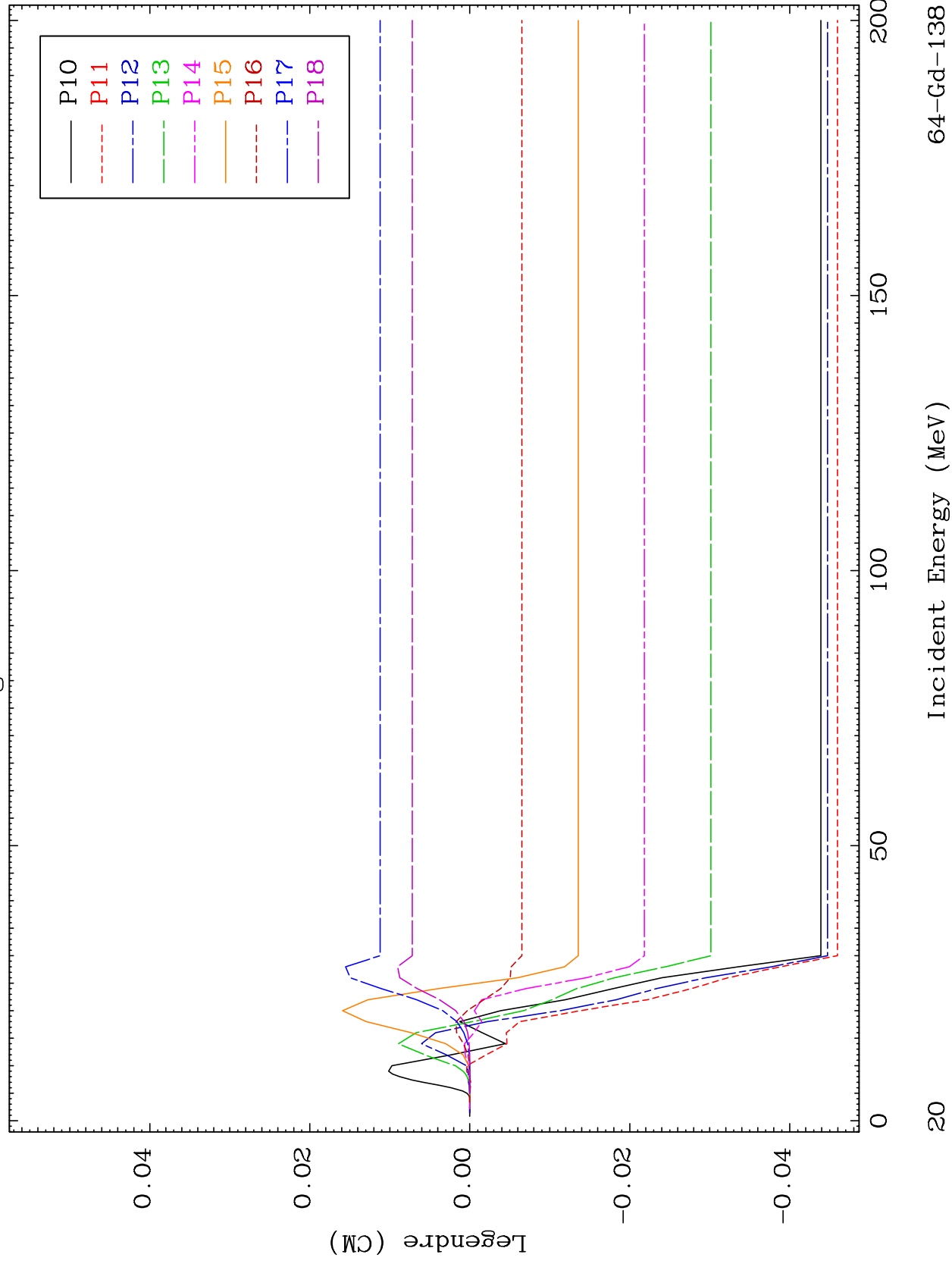


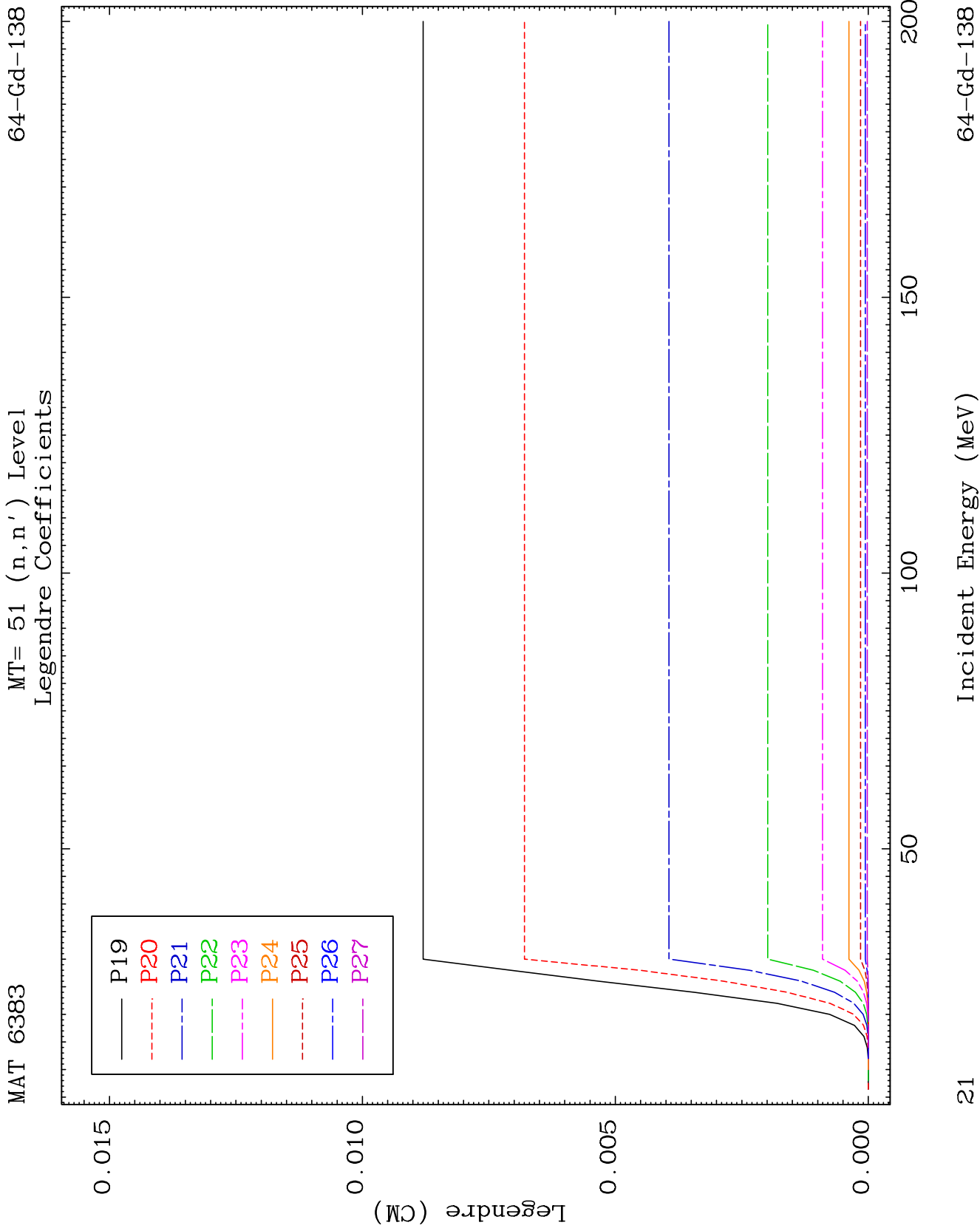


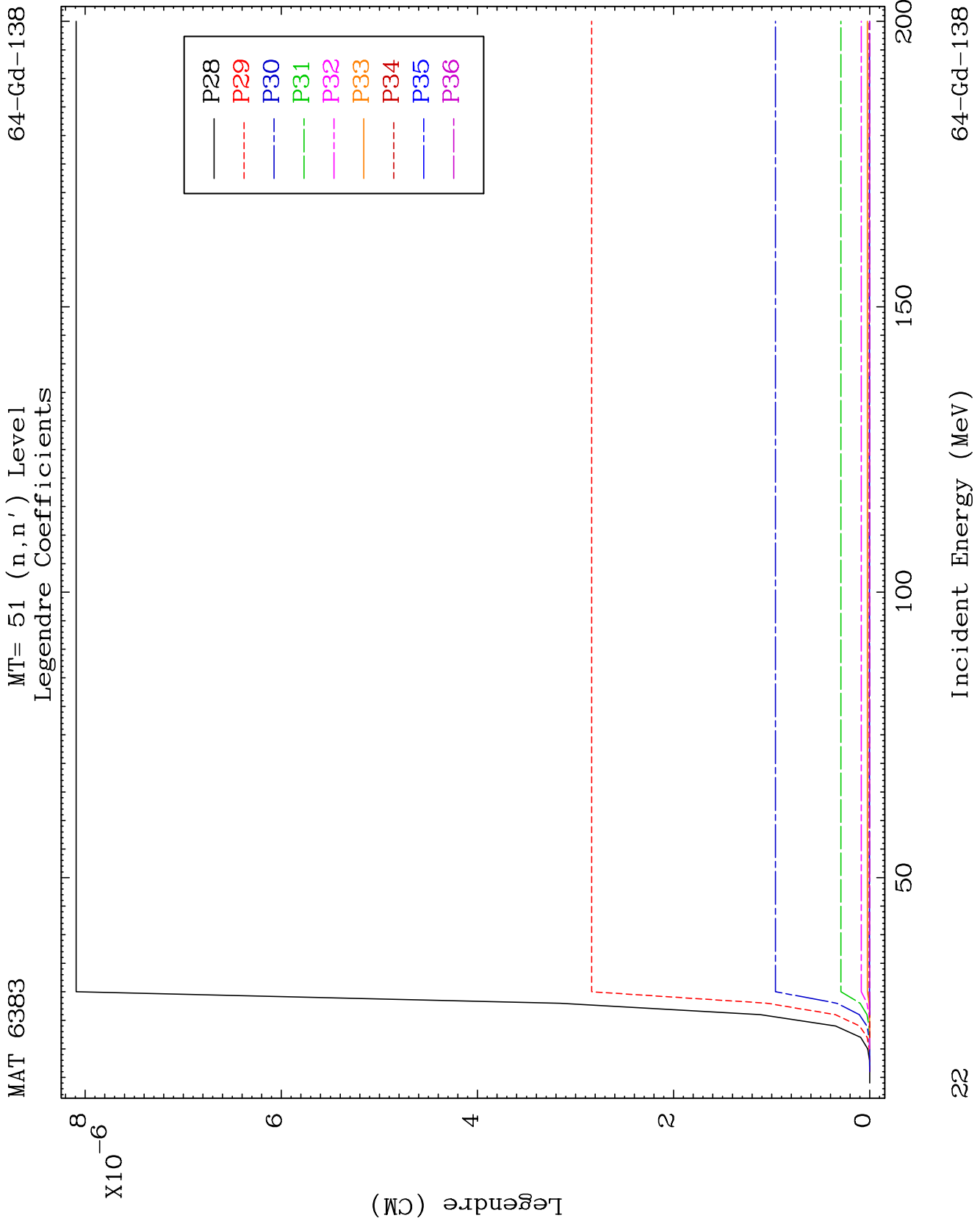
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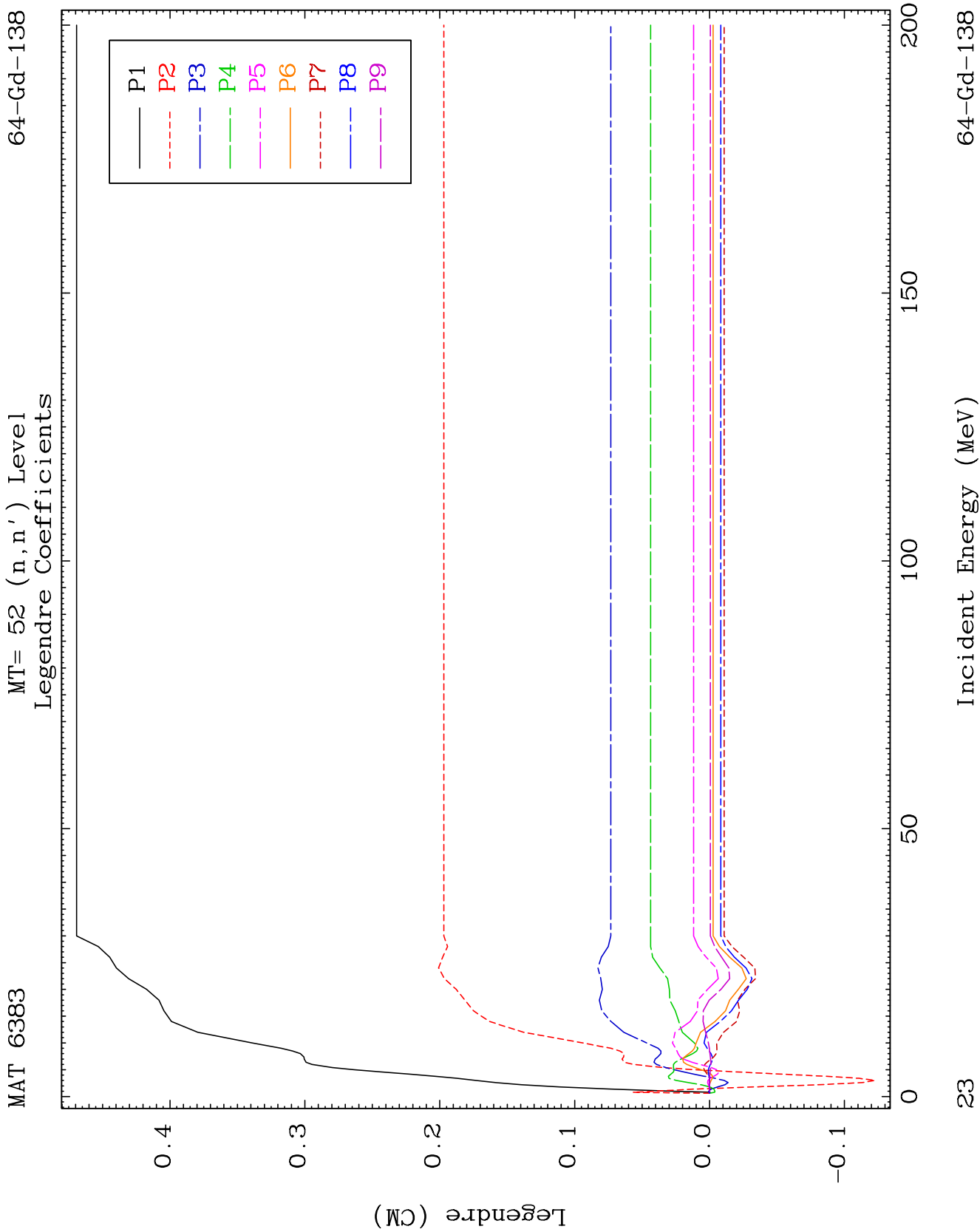
MT= 51 (n, n') Level
Legendre Coefficients

64-Gd-138





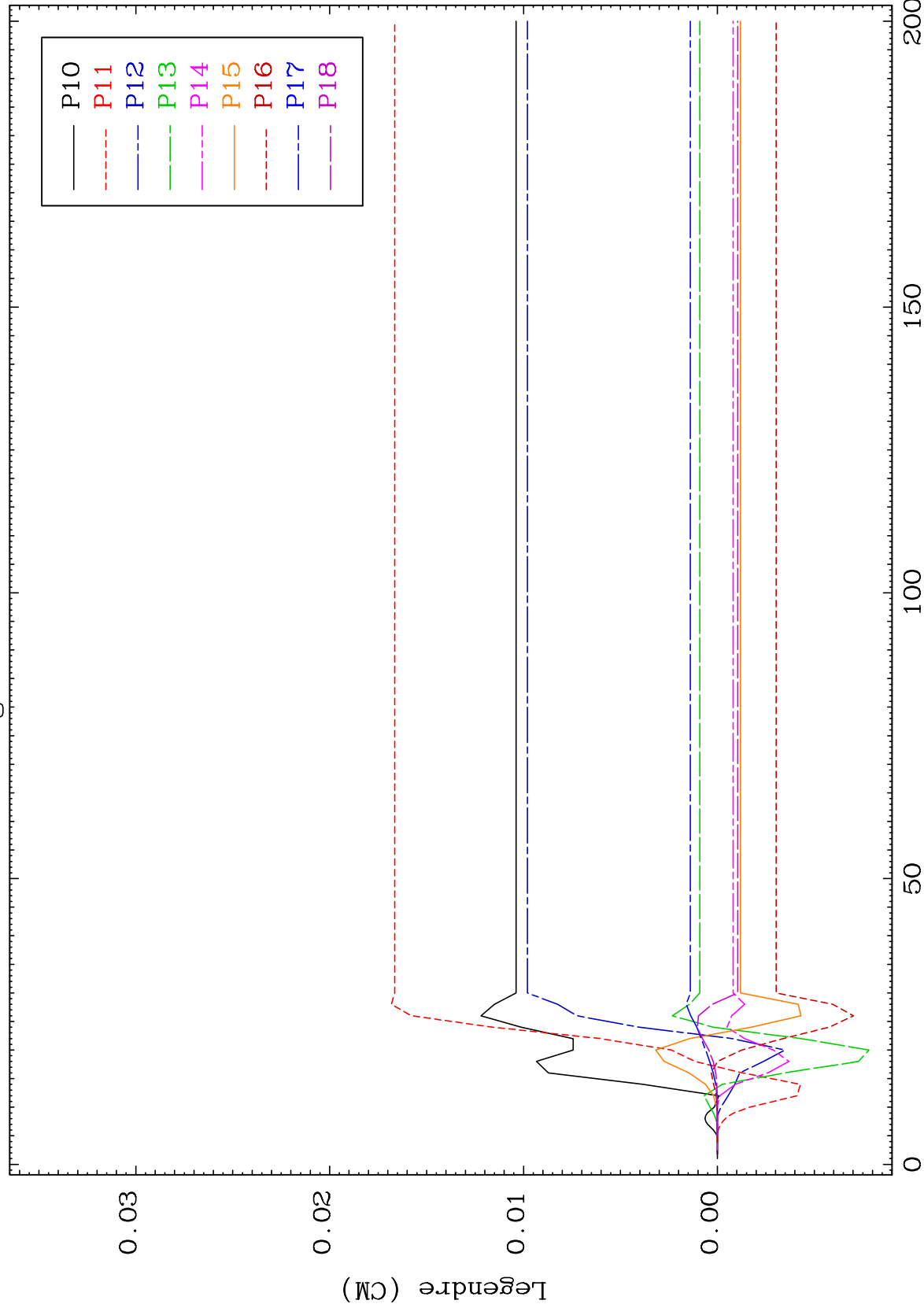




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MT= 52 (n, n') Level
Legendre Coefficients

64-Gd-138



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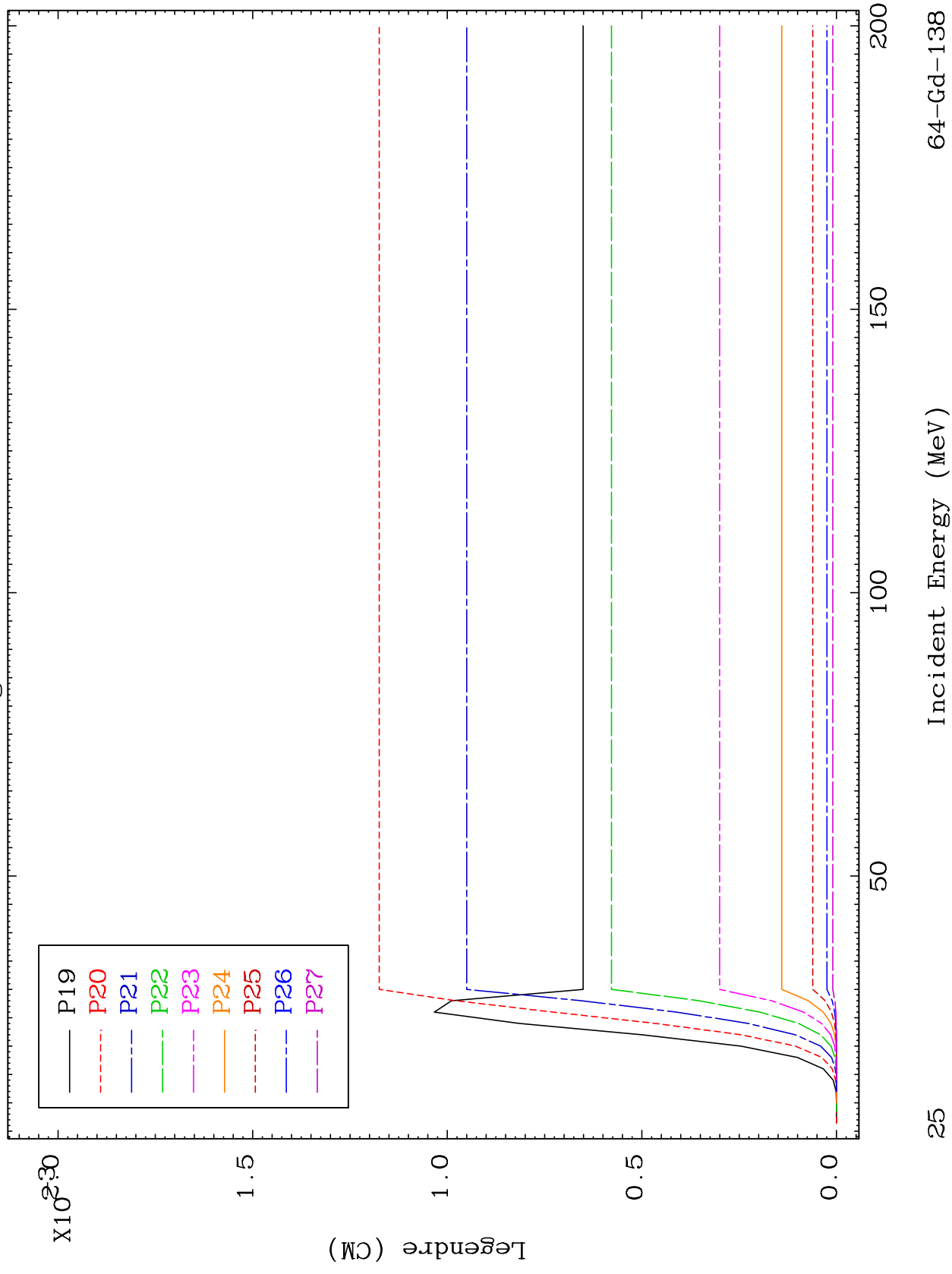
Incident Energy (MeV)

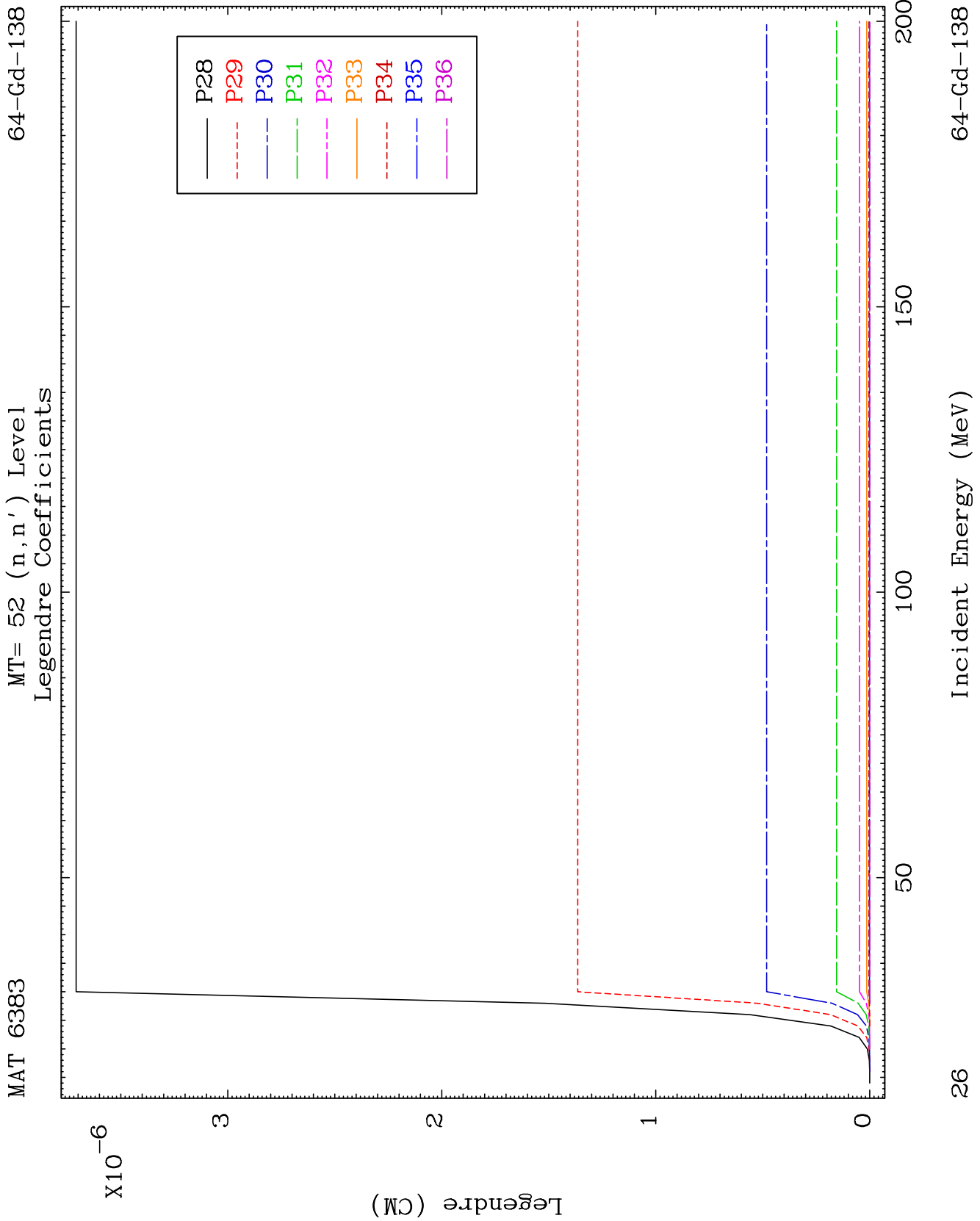
64-Gd-138

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

64-Gd-138



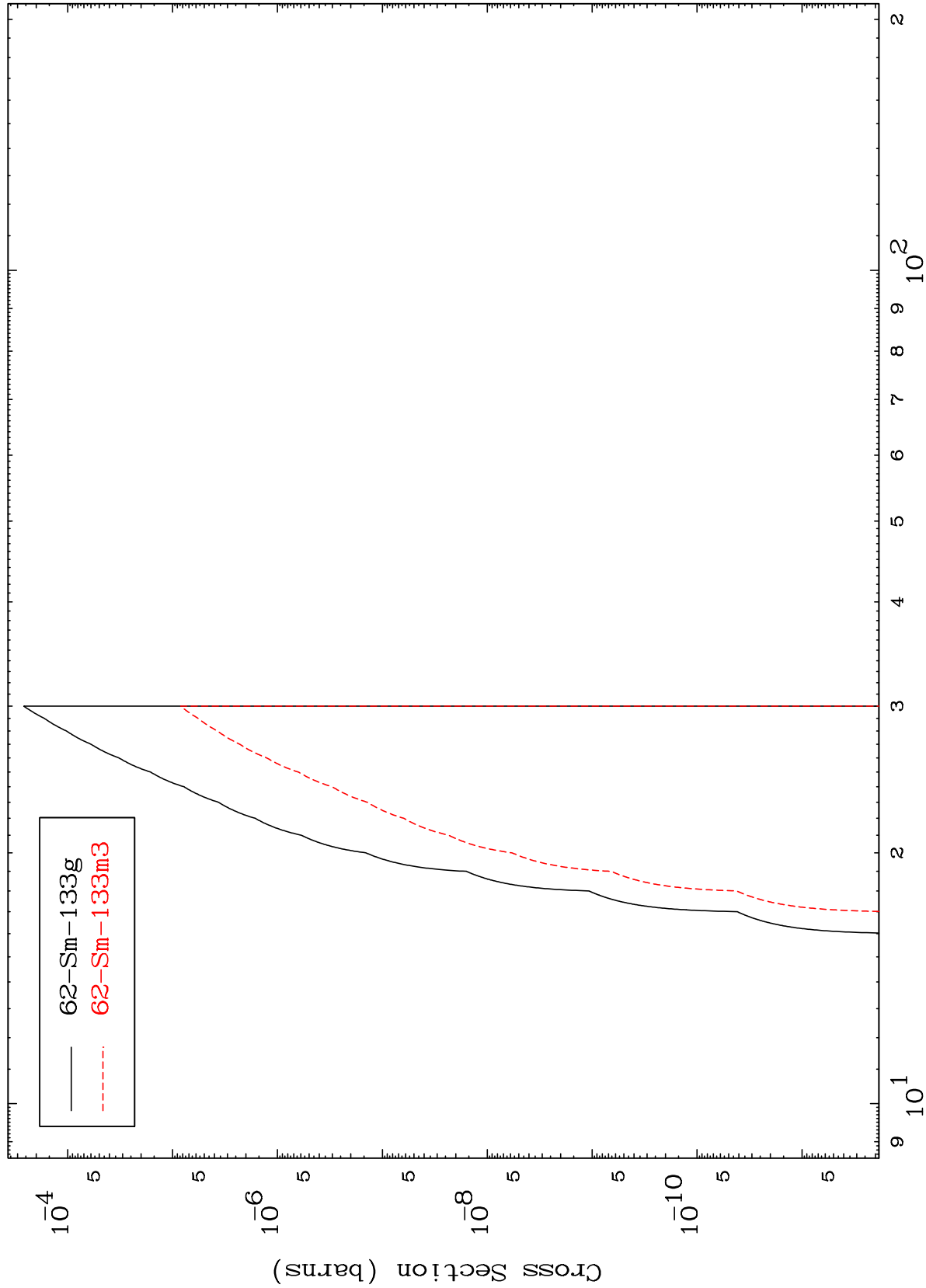


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64-Gd-138

(n,2n) α

Radionuclide Production Cross Section

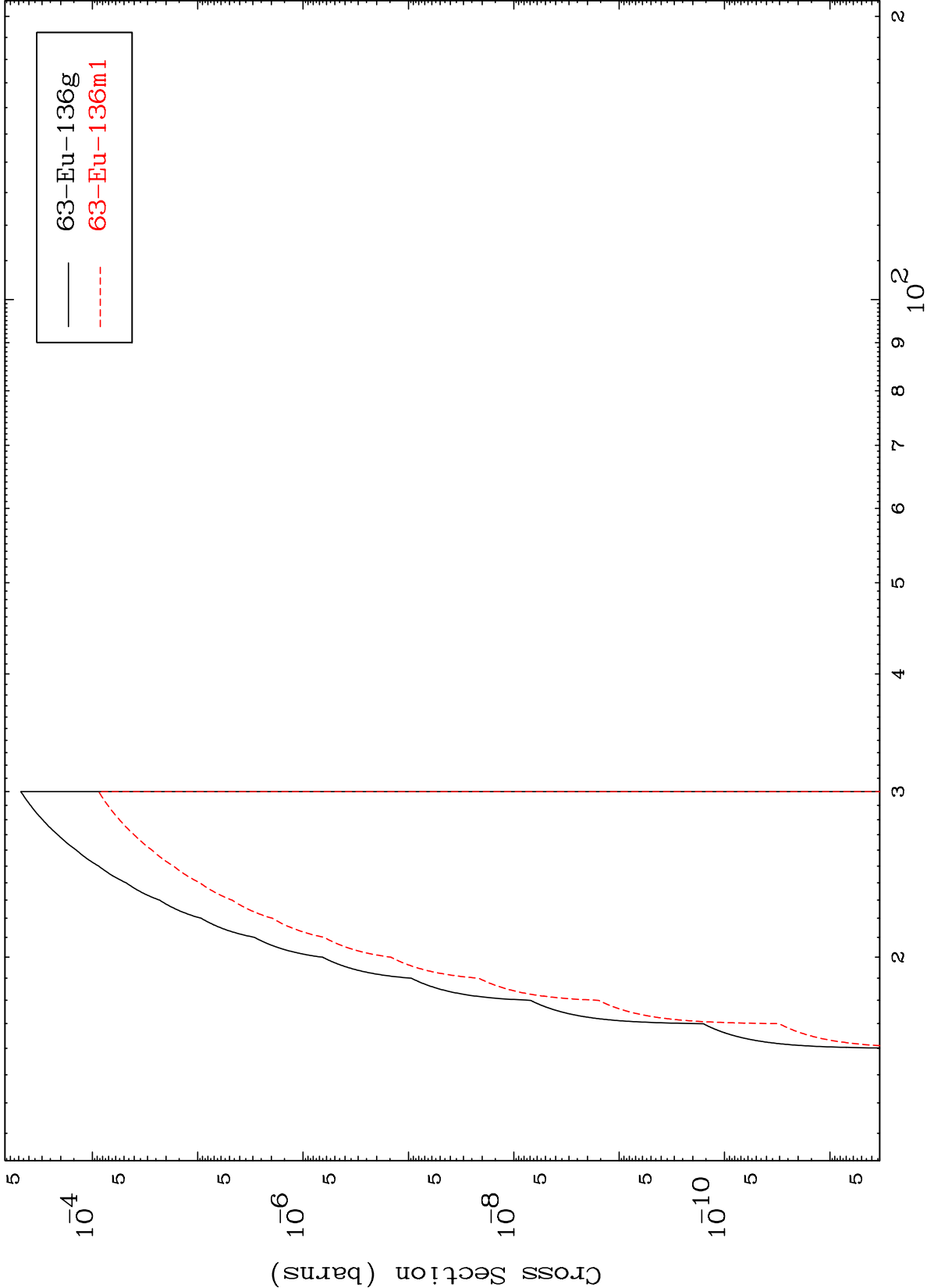


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Incident Energy (MeV)

64-Gd-138

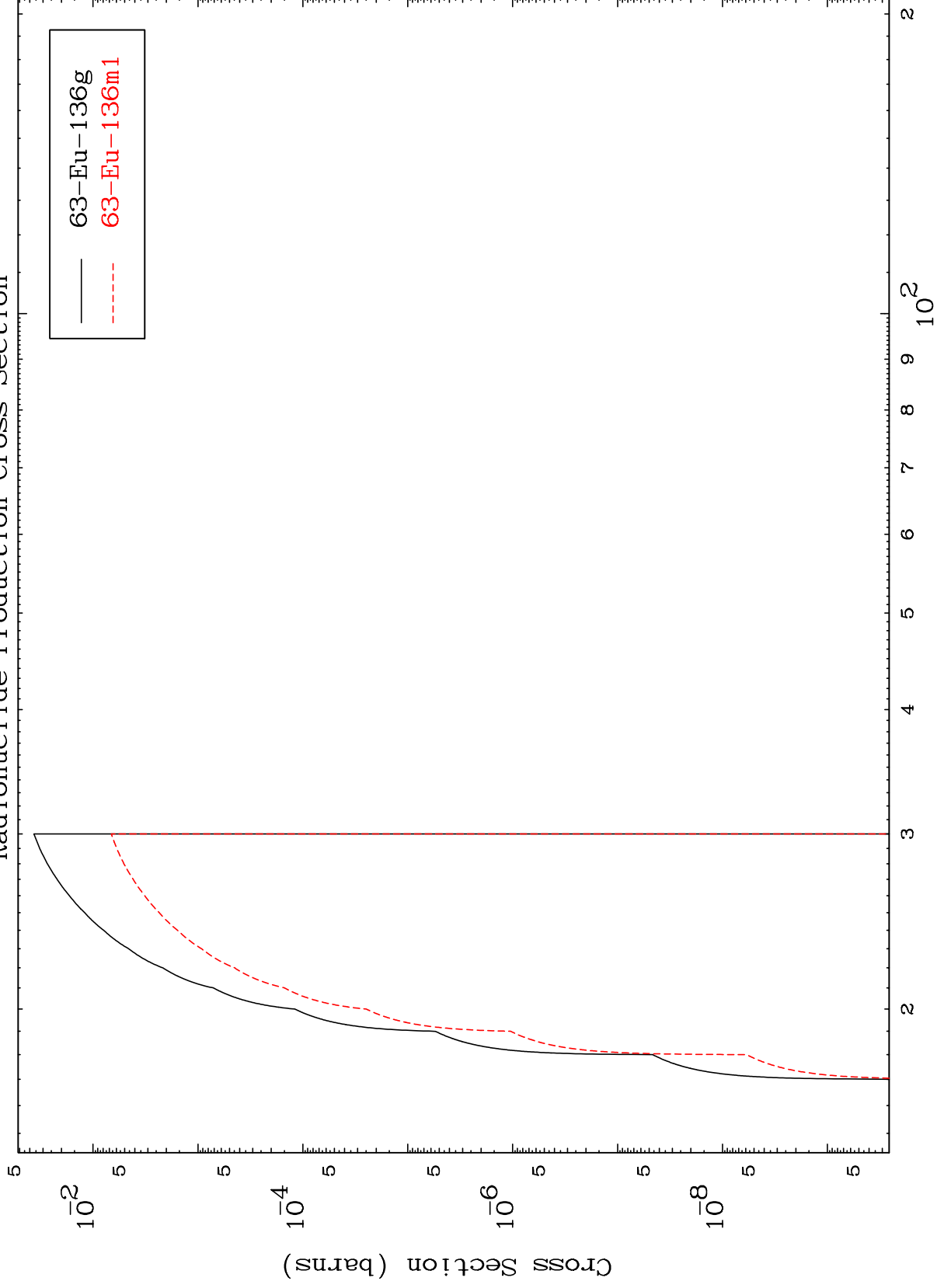
Radionuclide Production Cross Section



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64-Gd-138

(n,2n) p
Radionuclide Production Cross Section

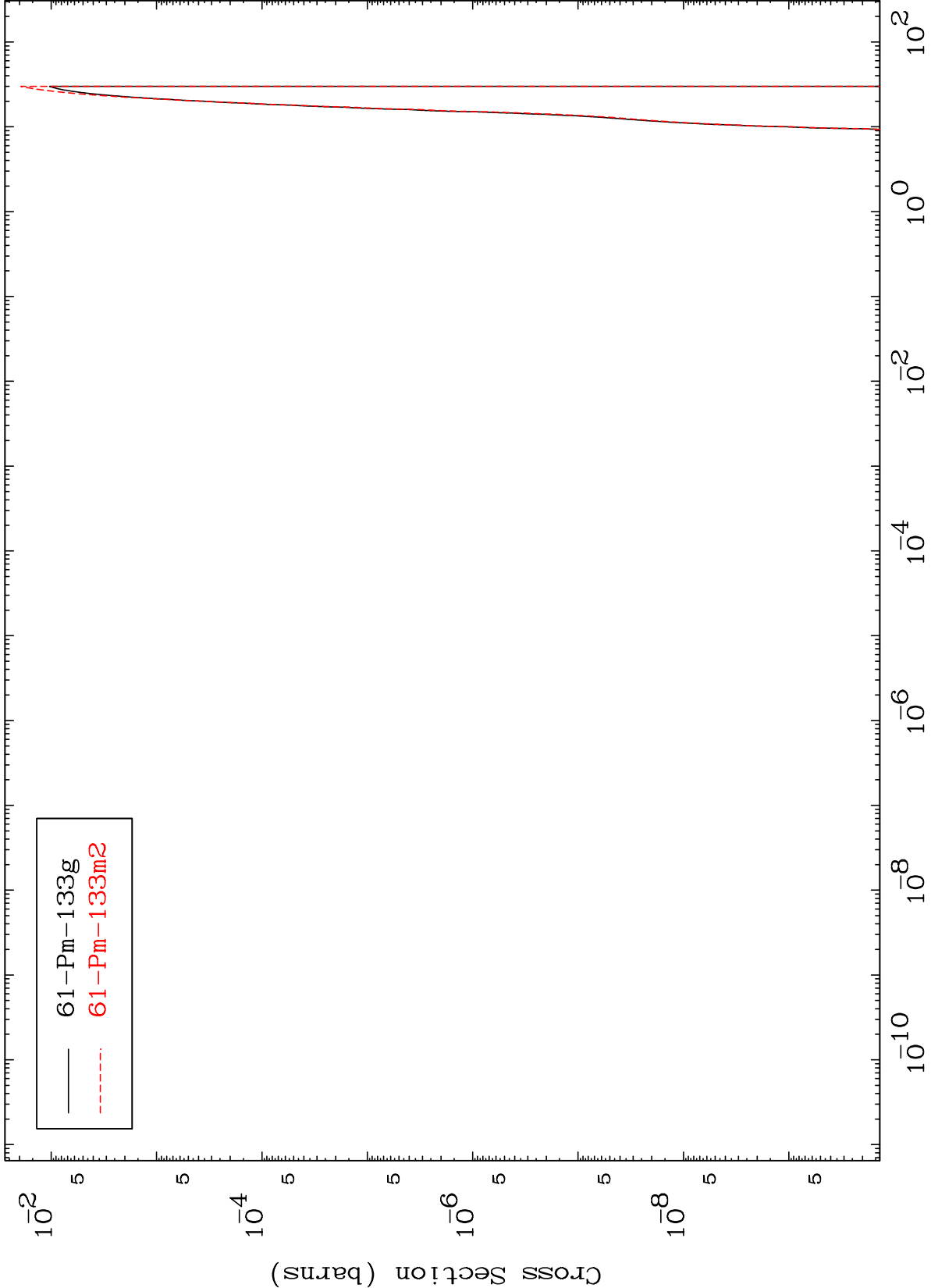


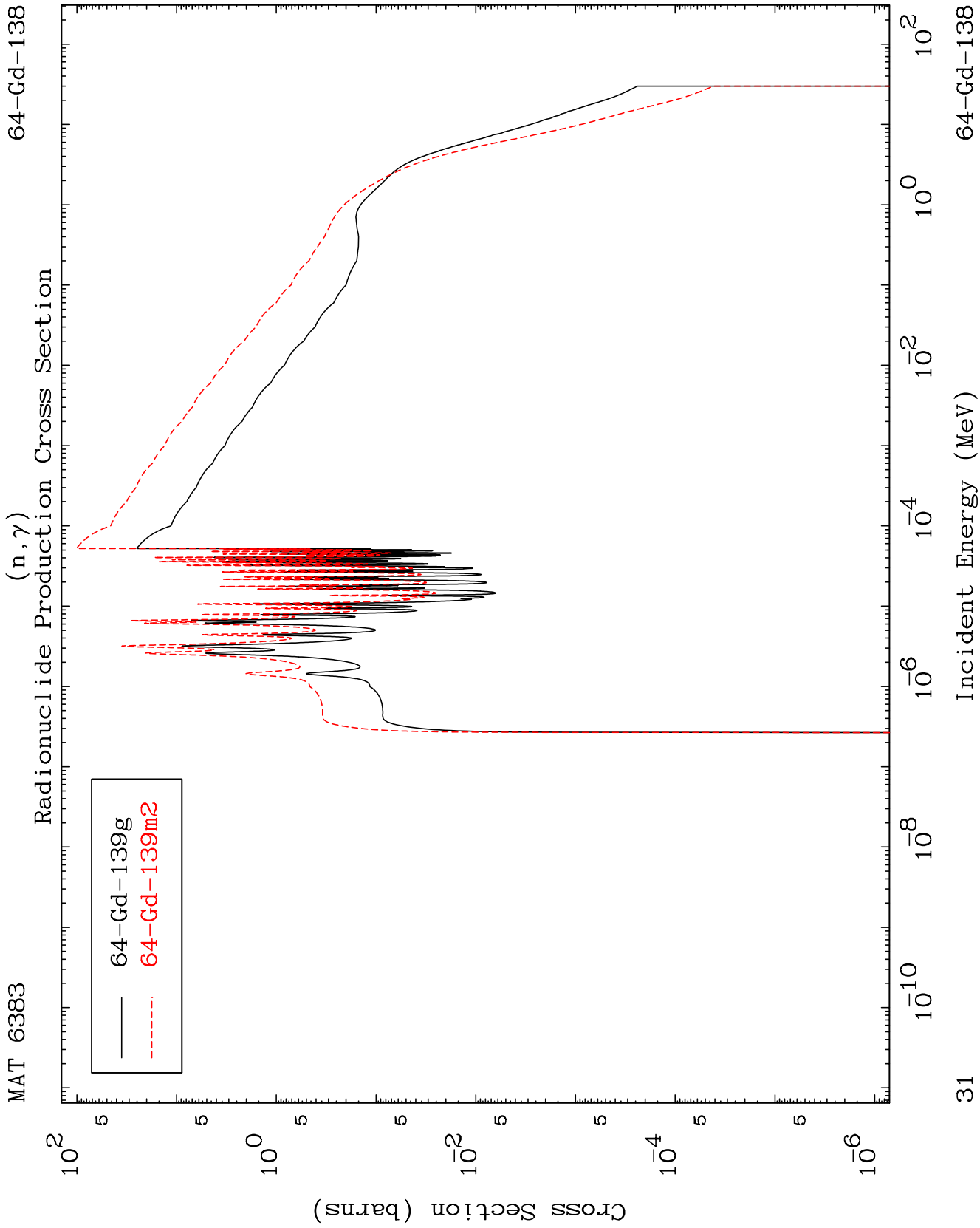
29

Incident Energy (MeV)

64-Gd-138

Radionuclide Production Cross Section

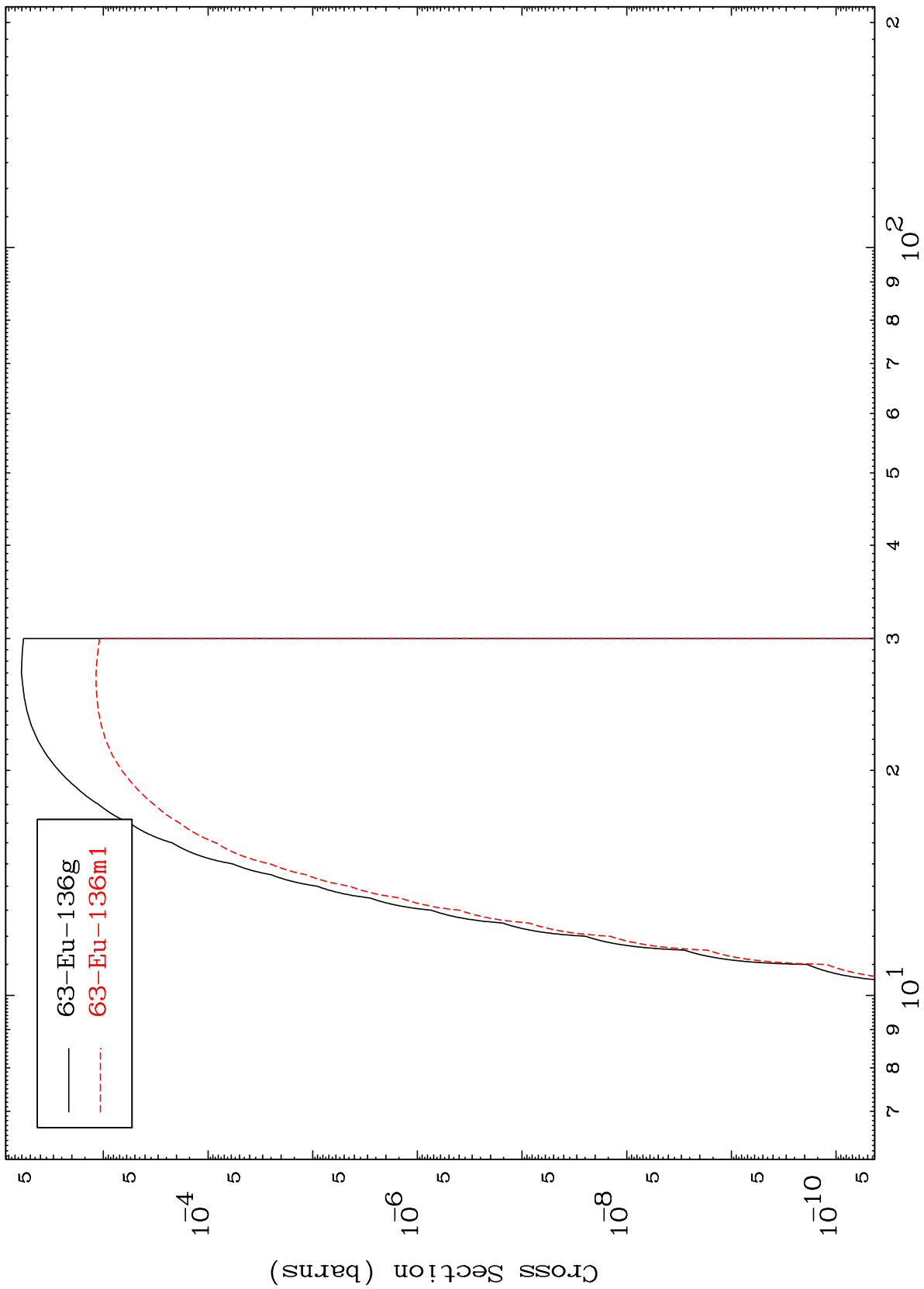




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64-Gd-138

(n,t)
Radionuclide Production Cross Section



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Incident Energy (MeV)

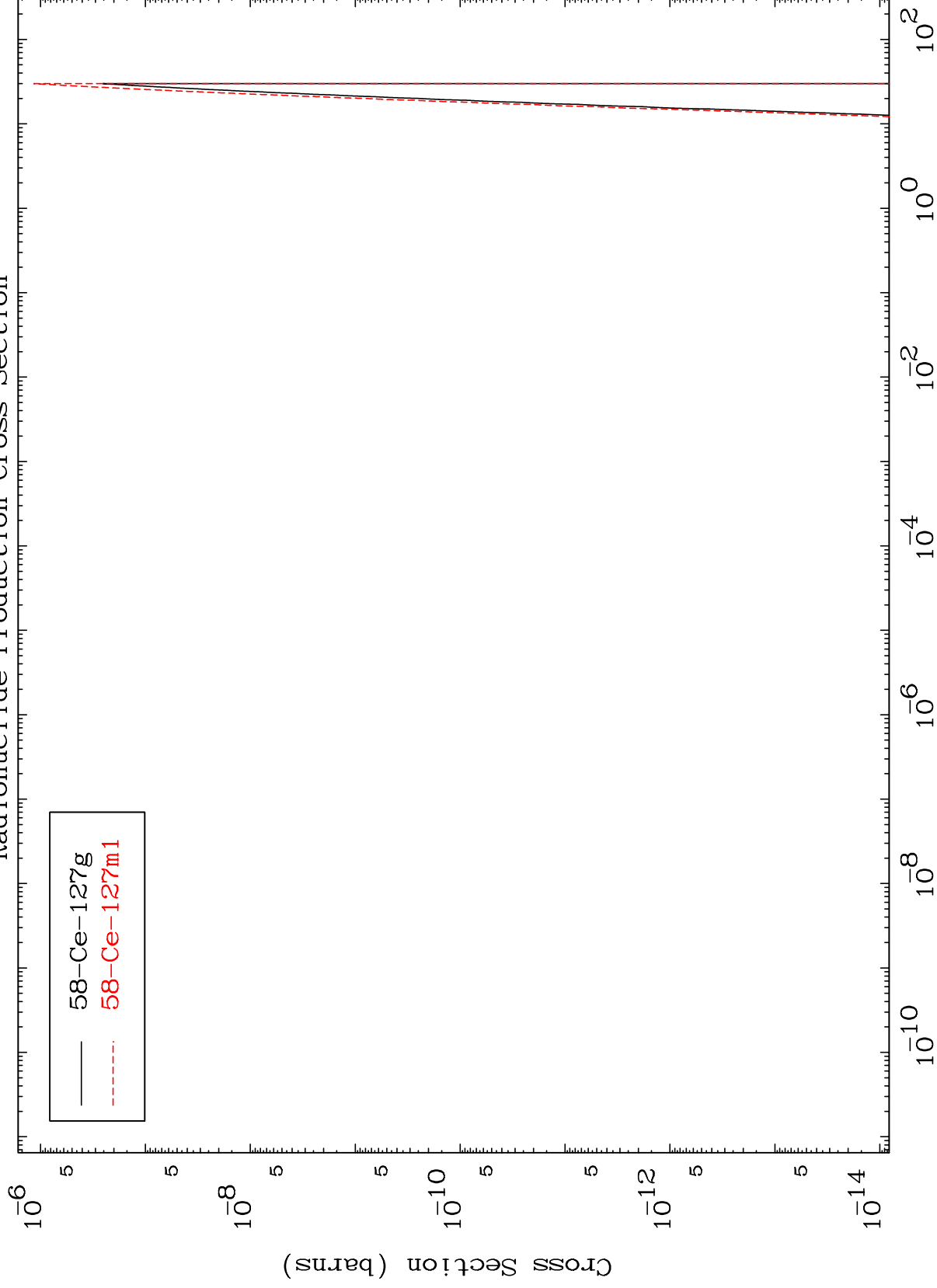
64-Gd-138

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(n,3α)

64-Gd-138

Radionuclide Production Cross Section

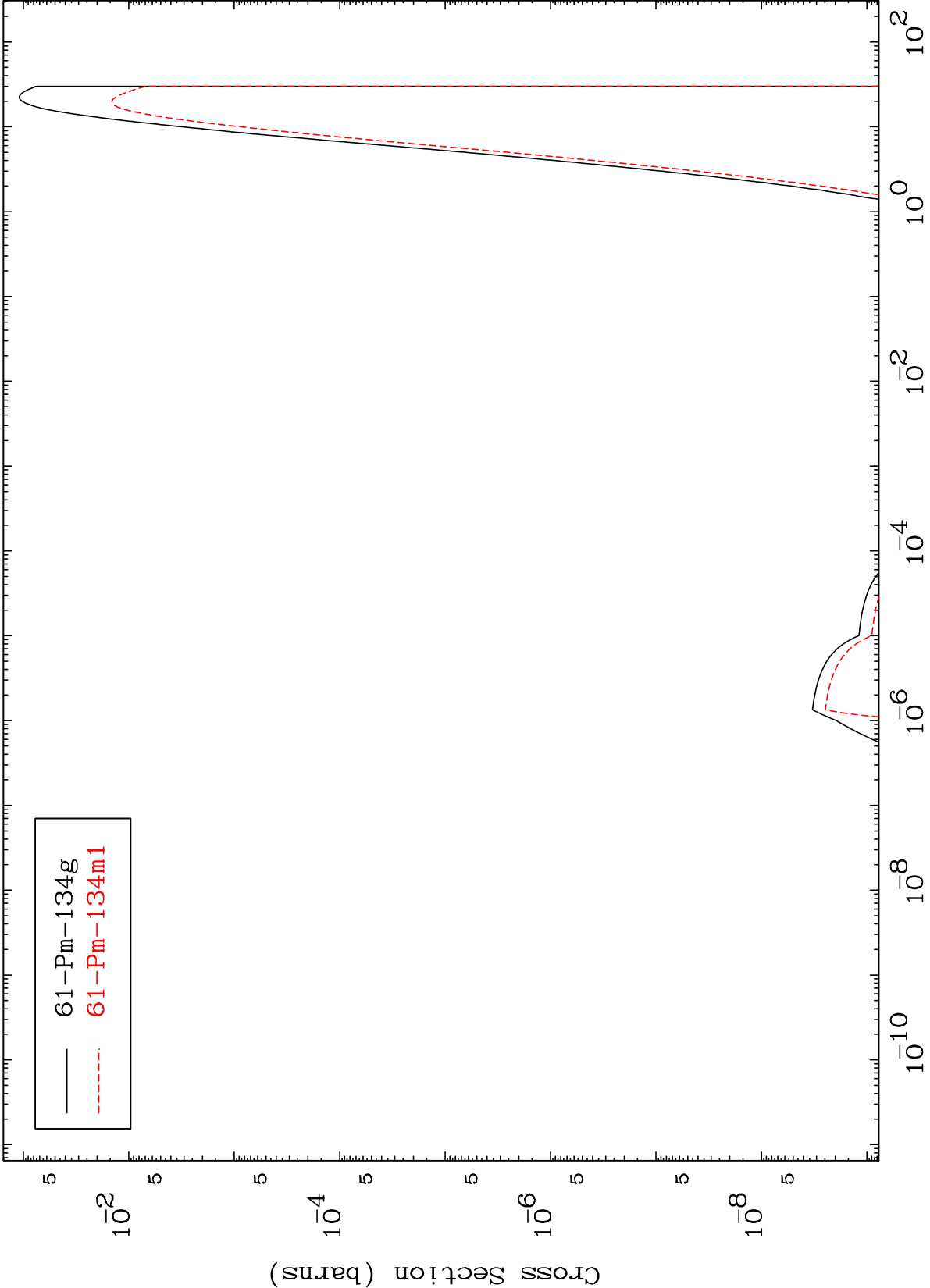


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Incident Energy (MeV)

64-Gd-138

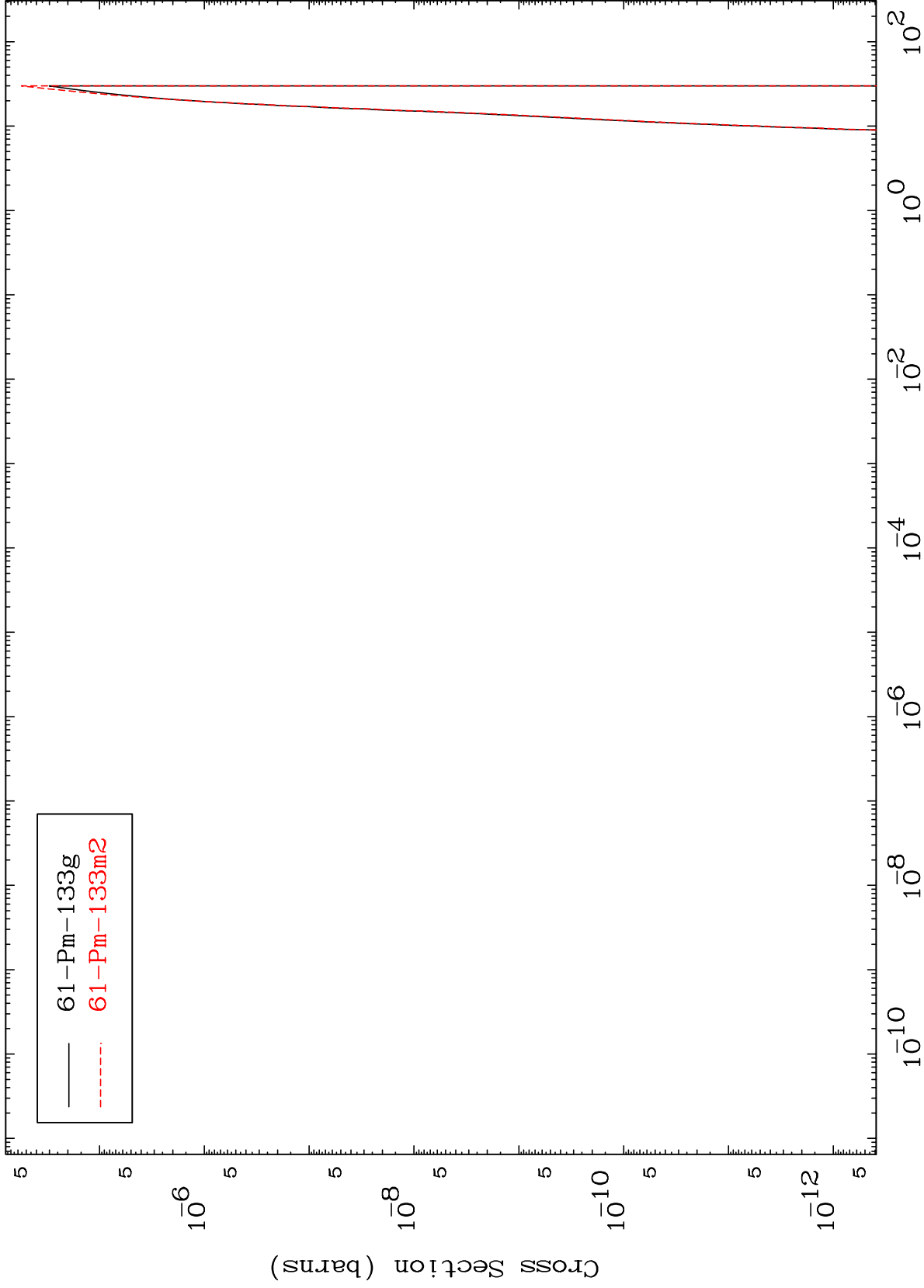
Radionuclide Production Cross Section



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64-Gd-138

(n,d) α
Radionuclide Production Cross Section



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64-Gd-138