

Program EVALPLOT
(Version 2018-1)

by

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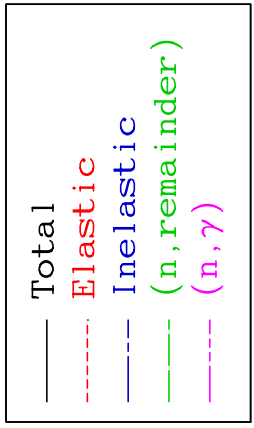
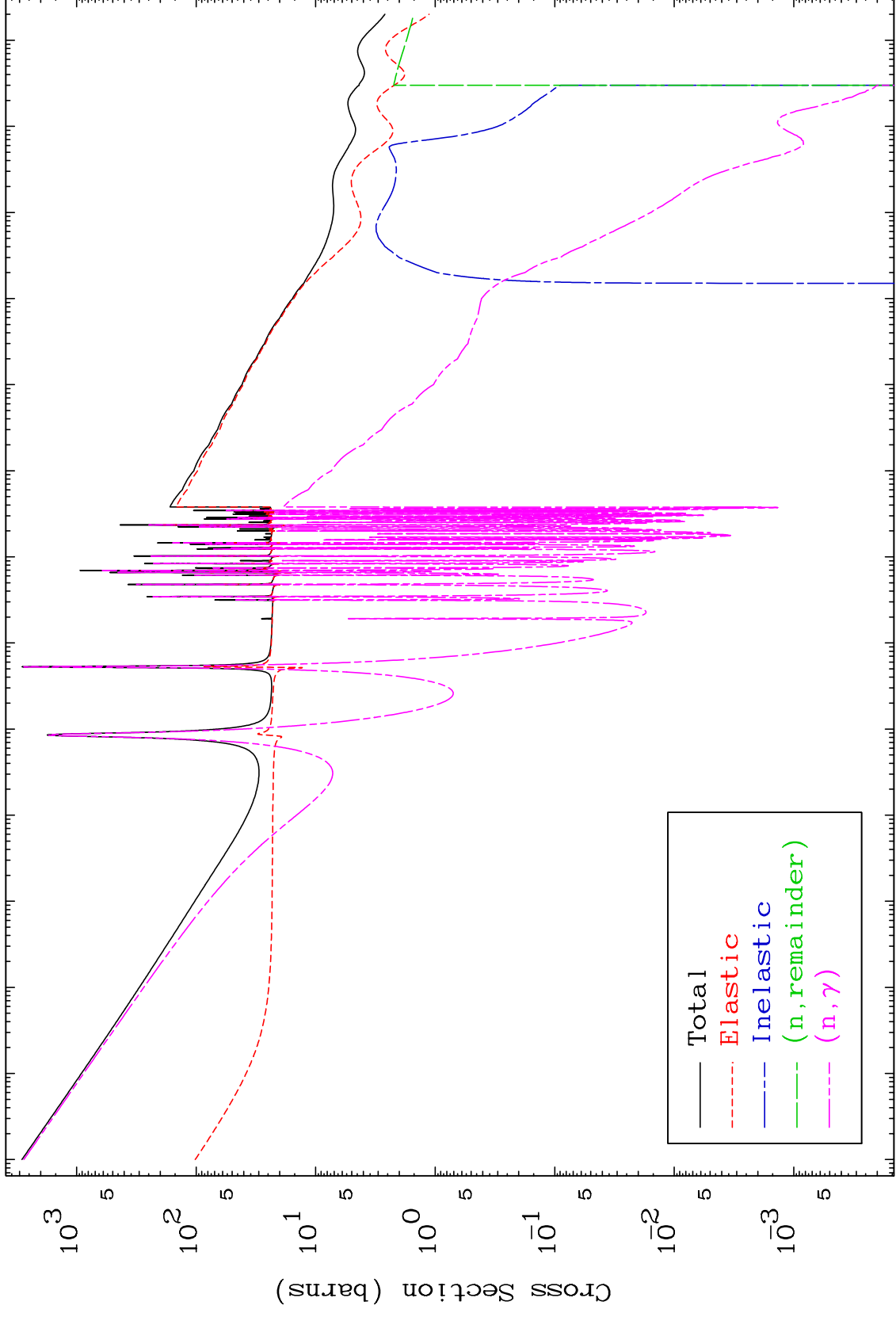
Press Mouse Button to Start

MAT 6940

Major

293 Kelvin Cross Sections

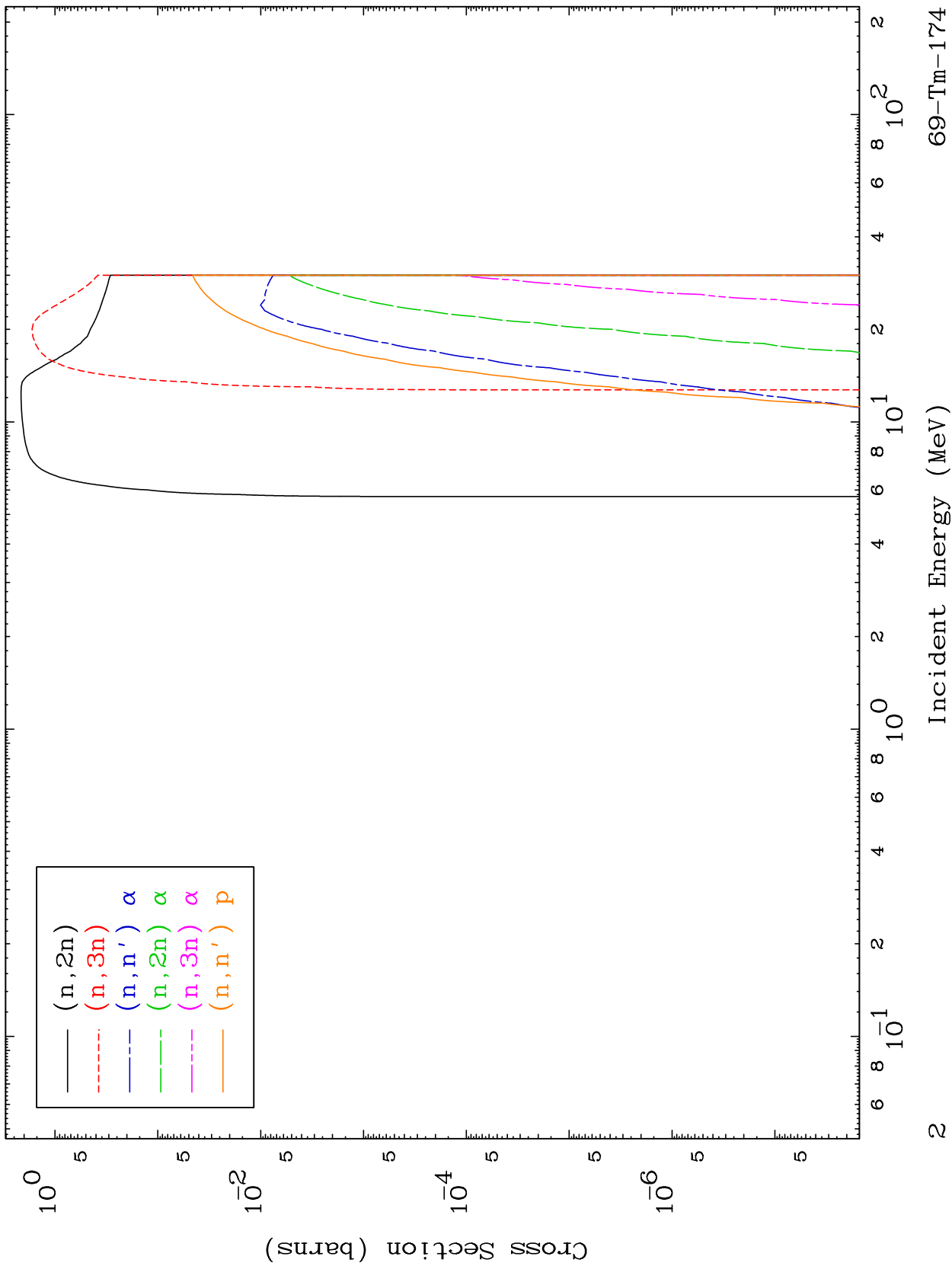
69-Tm-174

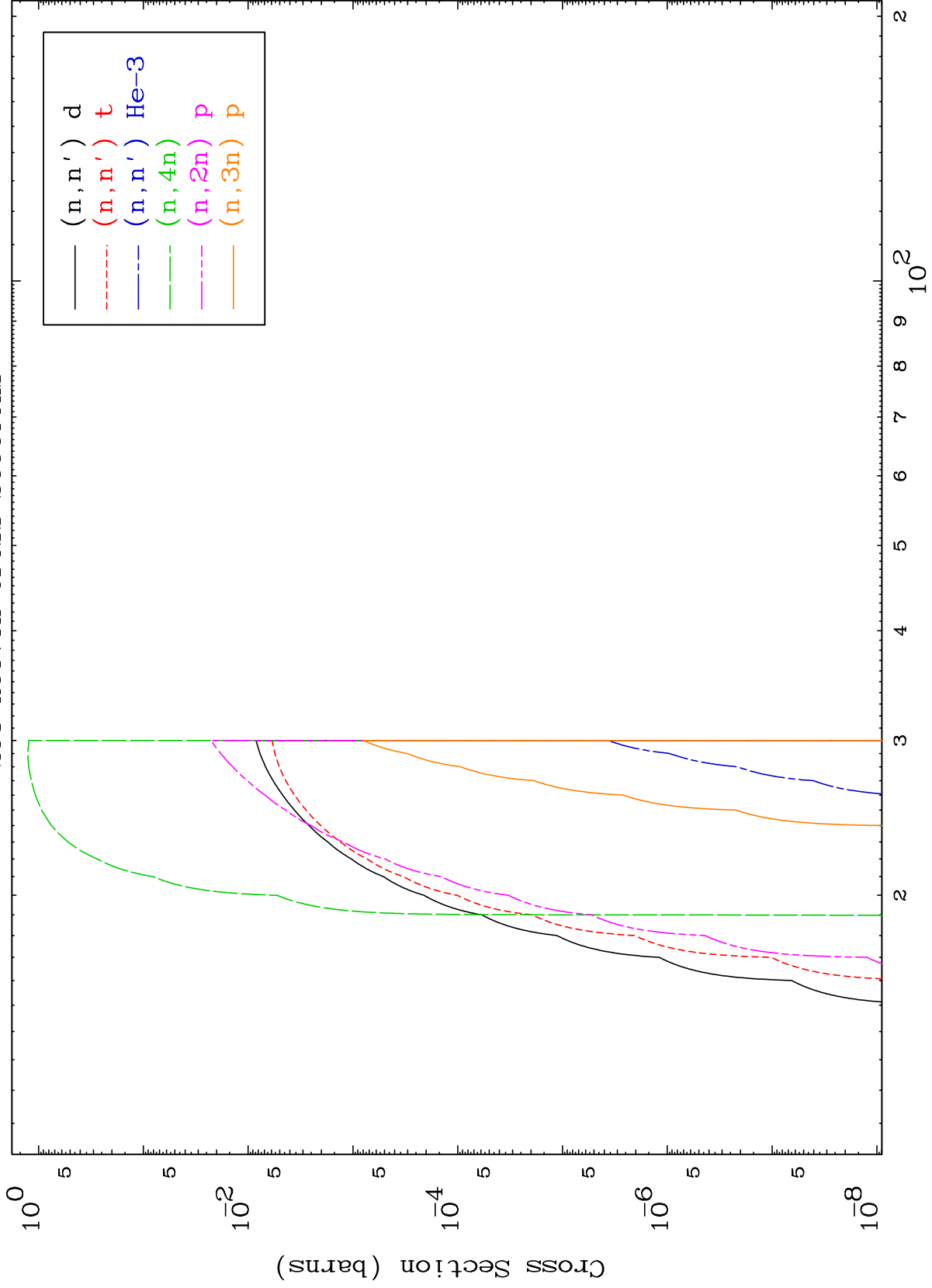


MAT 6940

Neutron Production
293 Kelvin Cross Sections

69-Tm-174

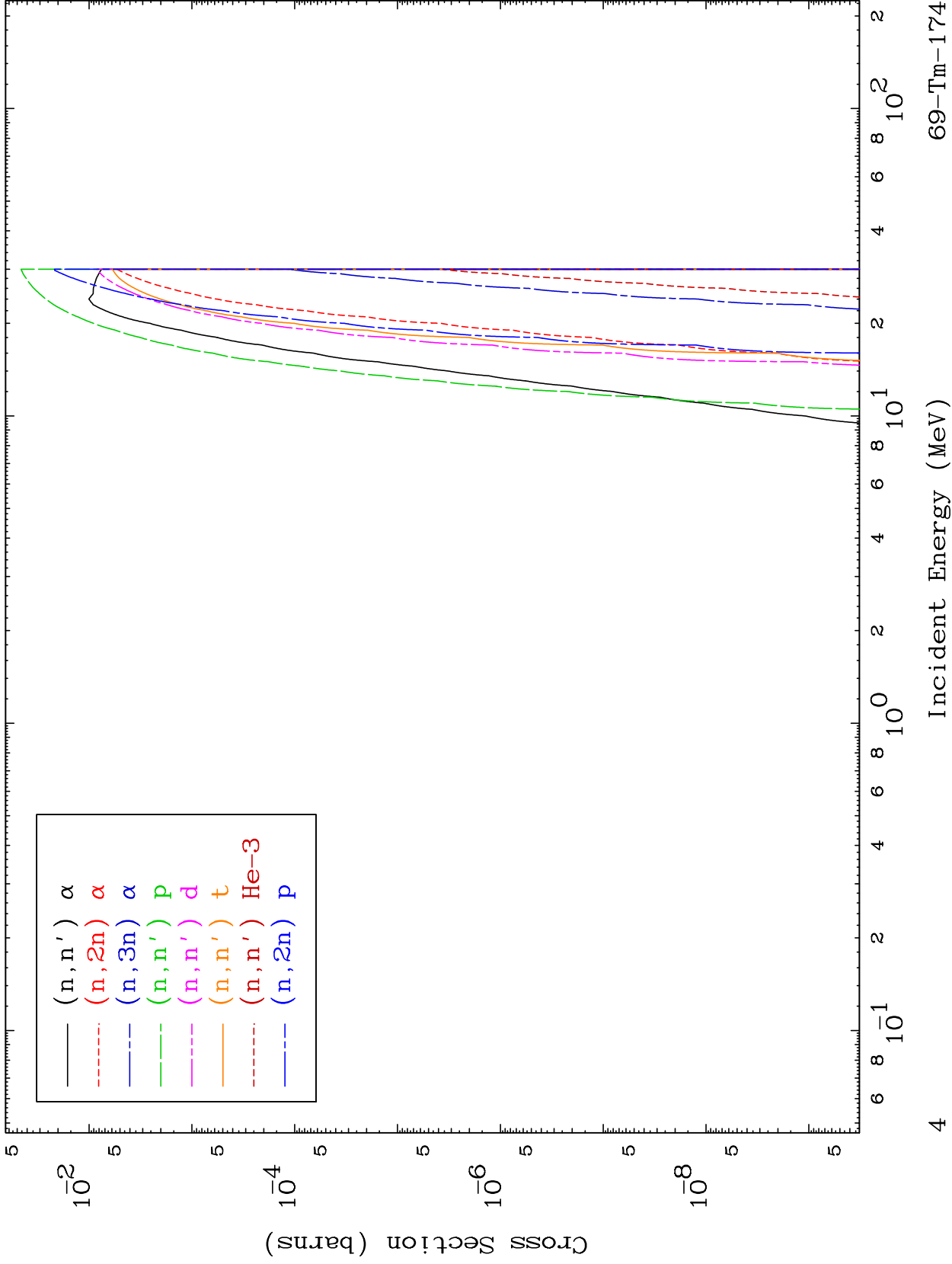




MAT 6940

Charged Particle
293 Kelvin Cross Sections

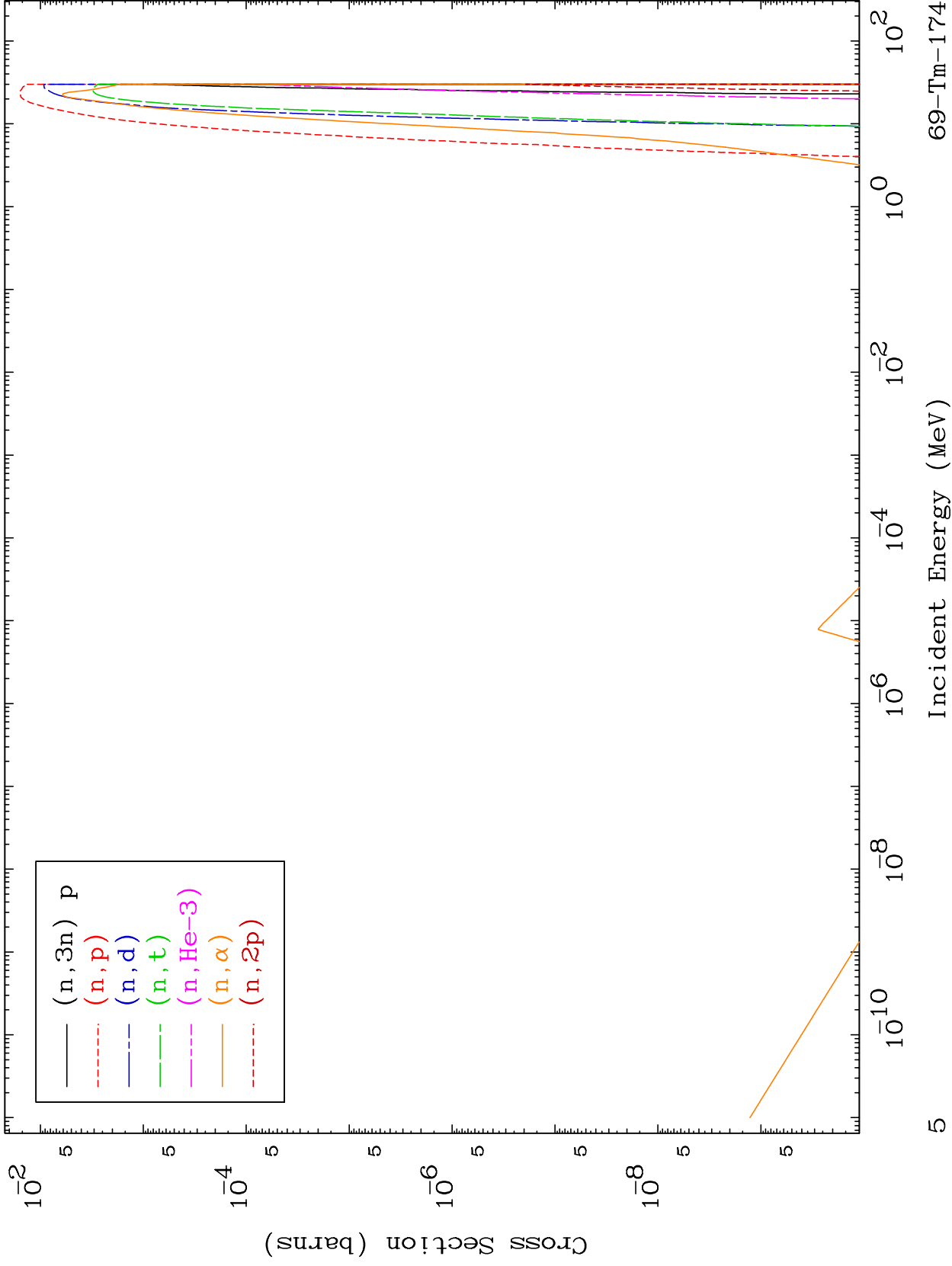
69-Tm-174



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Charged Particle
293 Kelvin Cross Sections

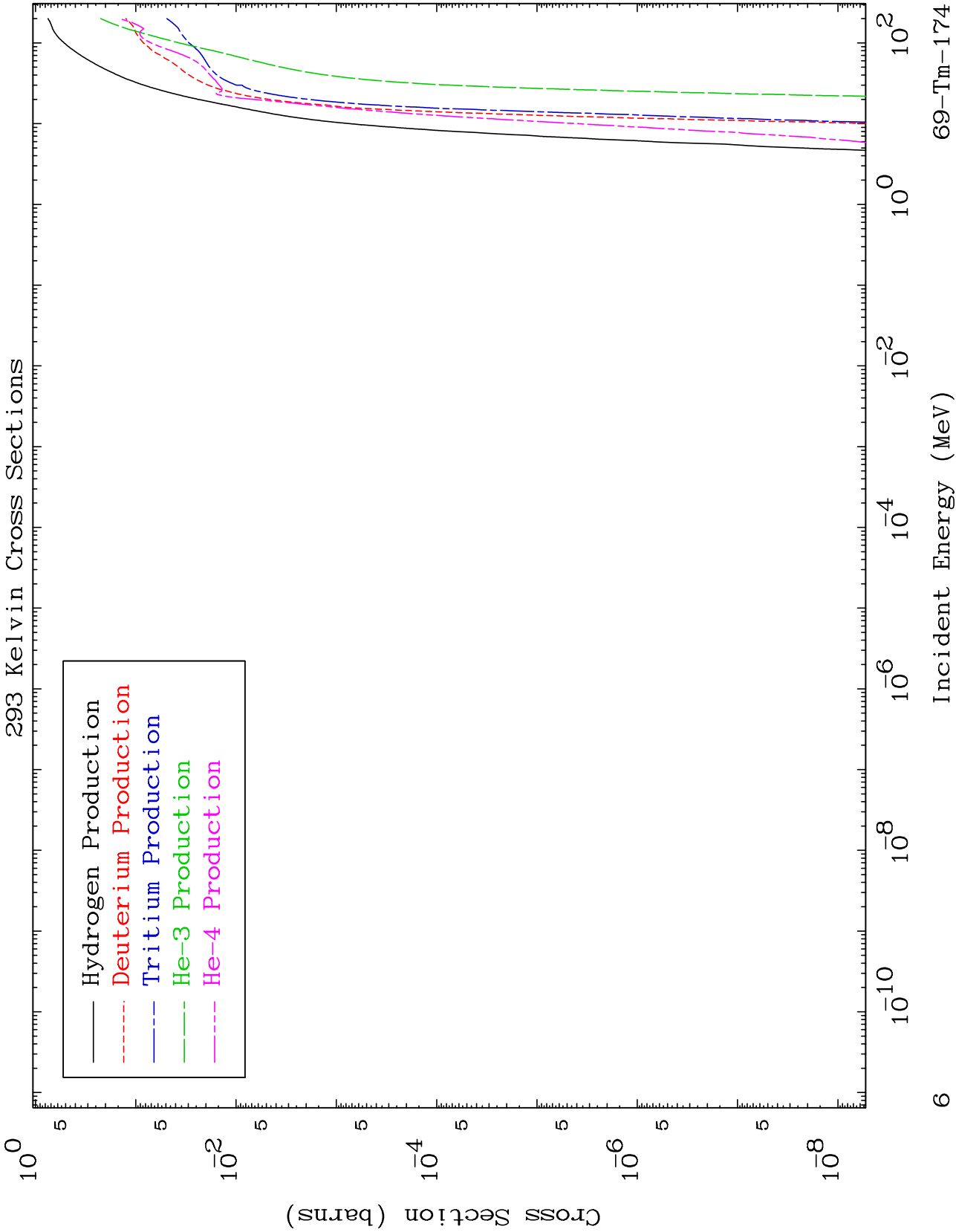
69-Tm-174



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Particle Production
293 Kelvin Cross Sections

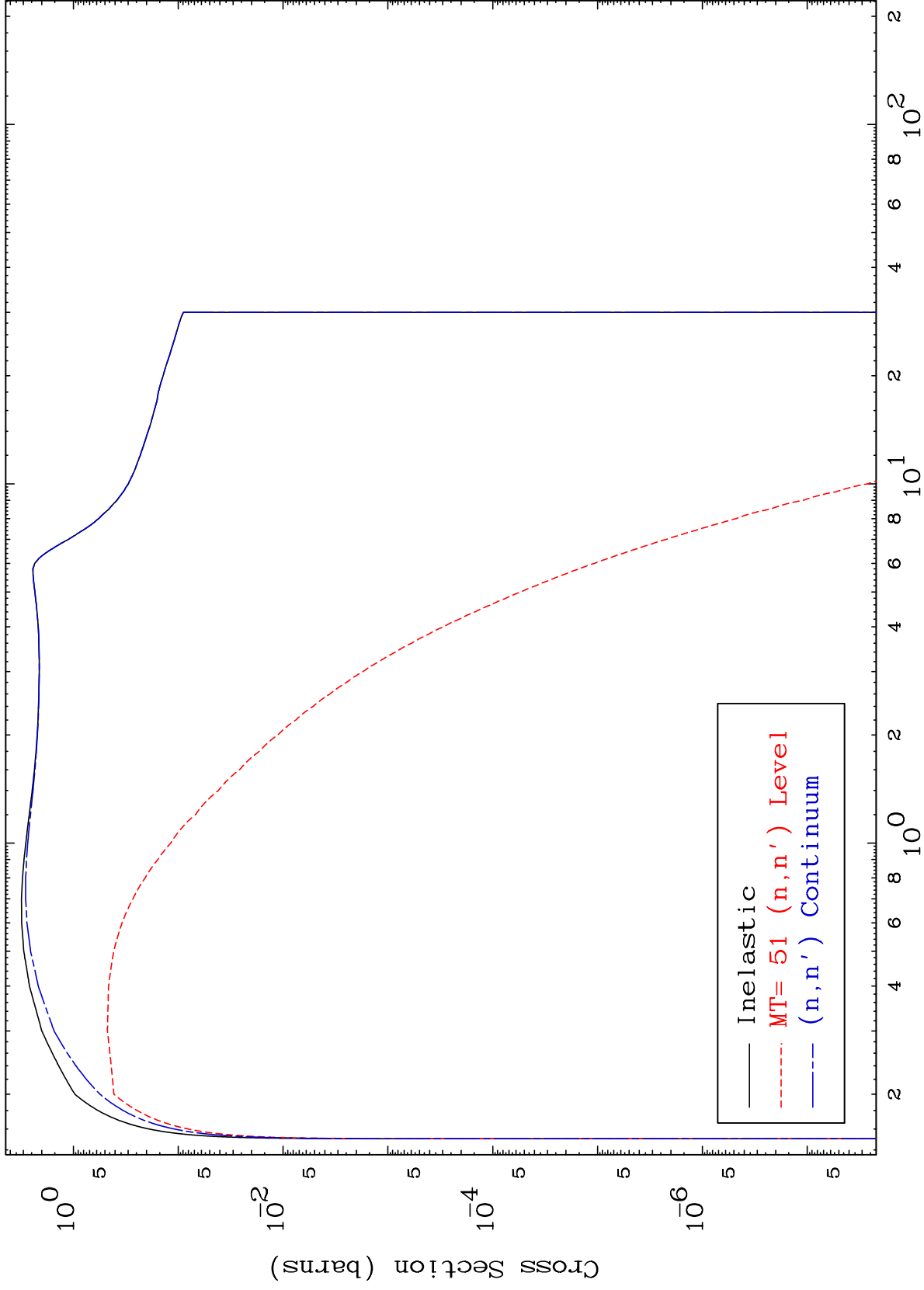
69-Tm-174



MAT 6940

(n,n') Level
293 Kelvin Cross Sections

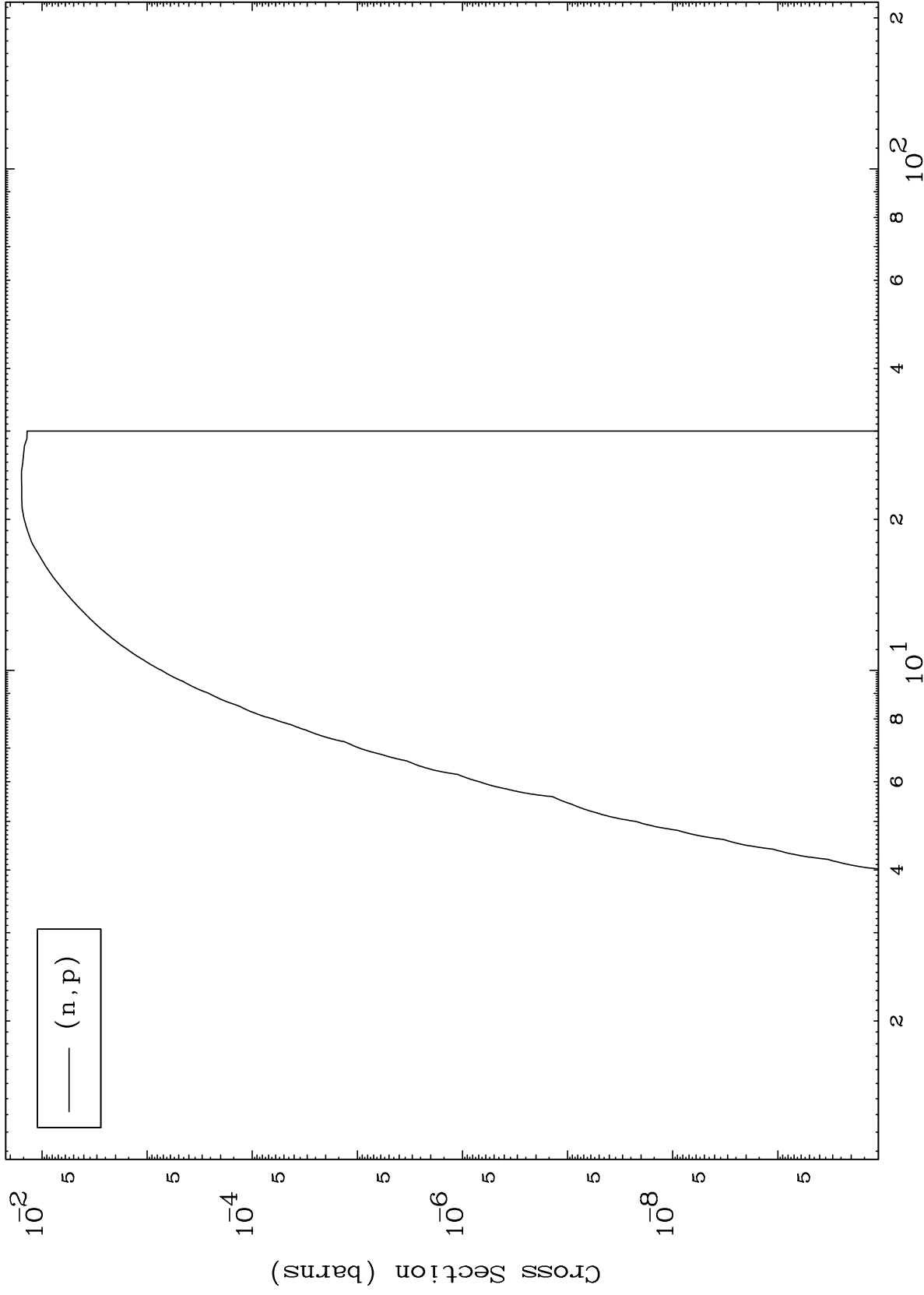
69-Tm-174

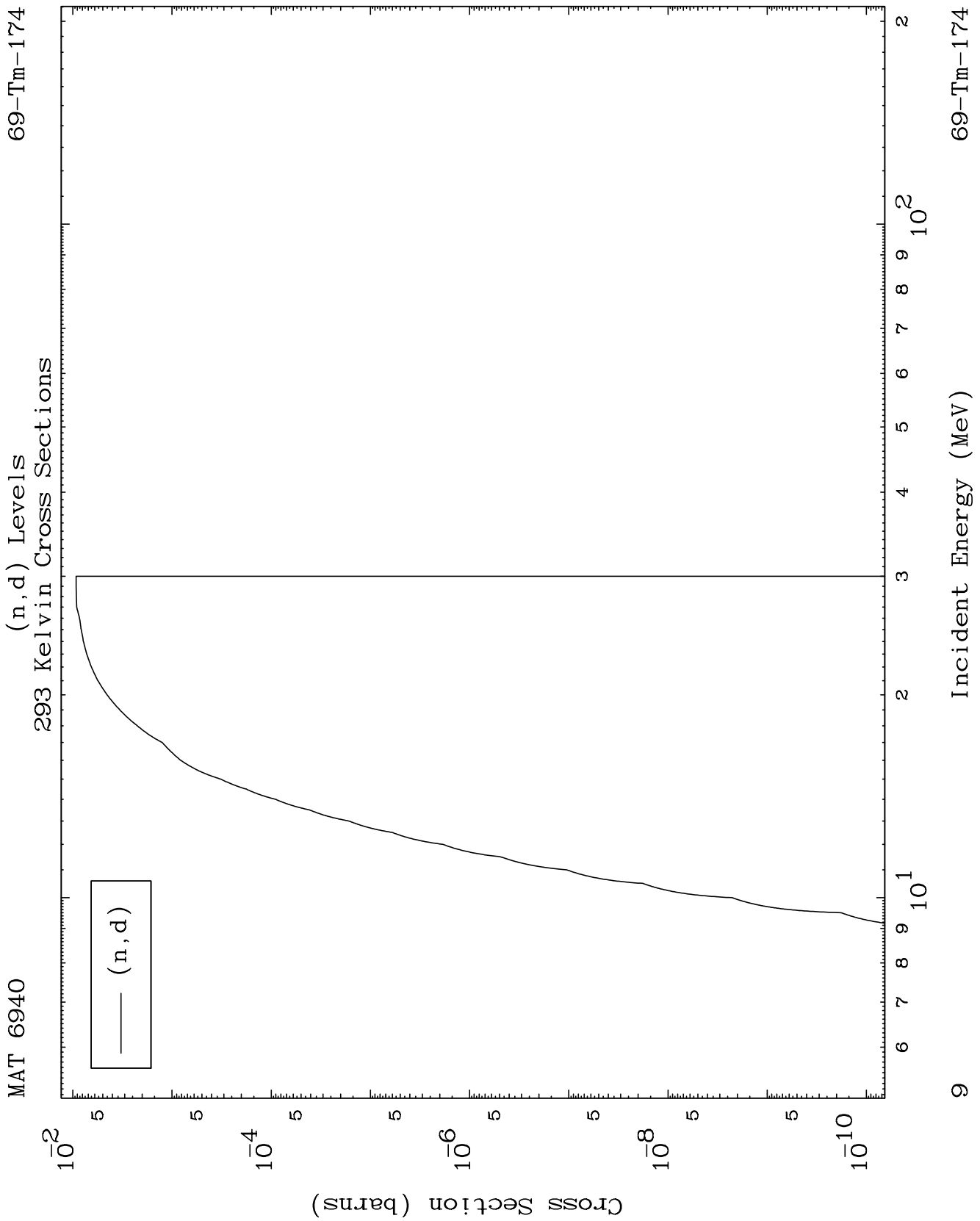


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(n,p) Levels
293 Kelvin Cross Sections

69-Tm-174

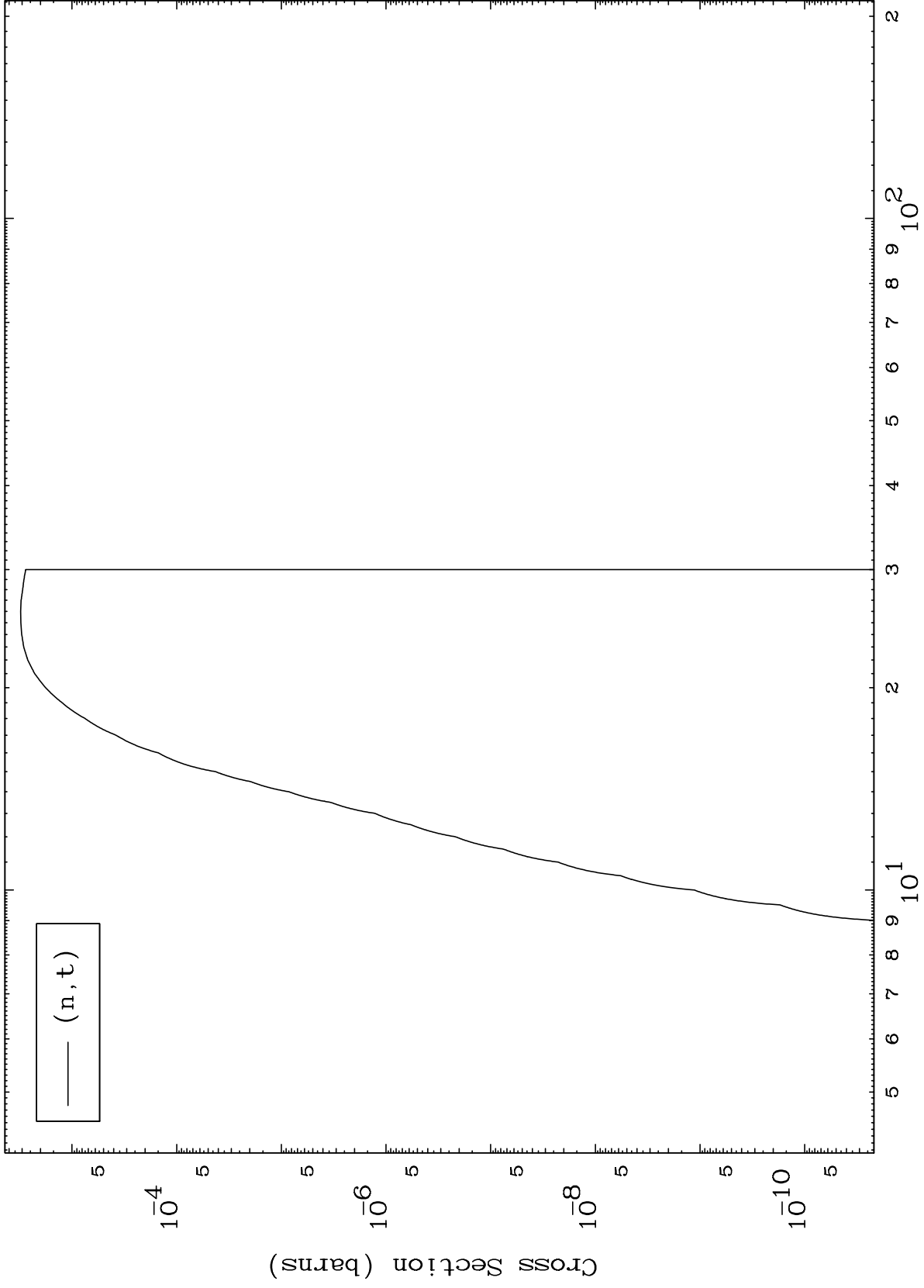




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(n,t) Levels
293 Kelvin Cross Sections

69-Tm-174



10

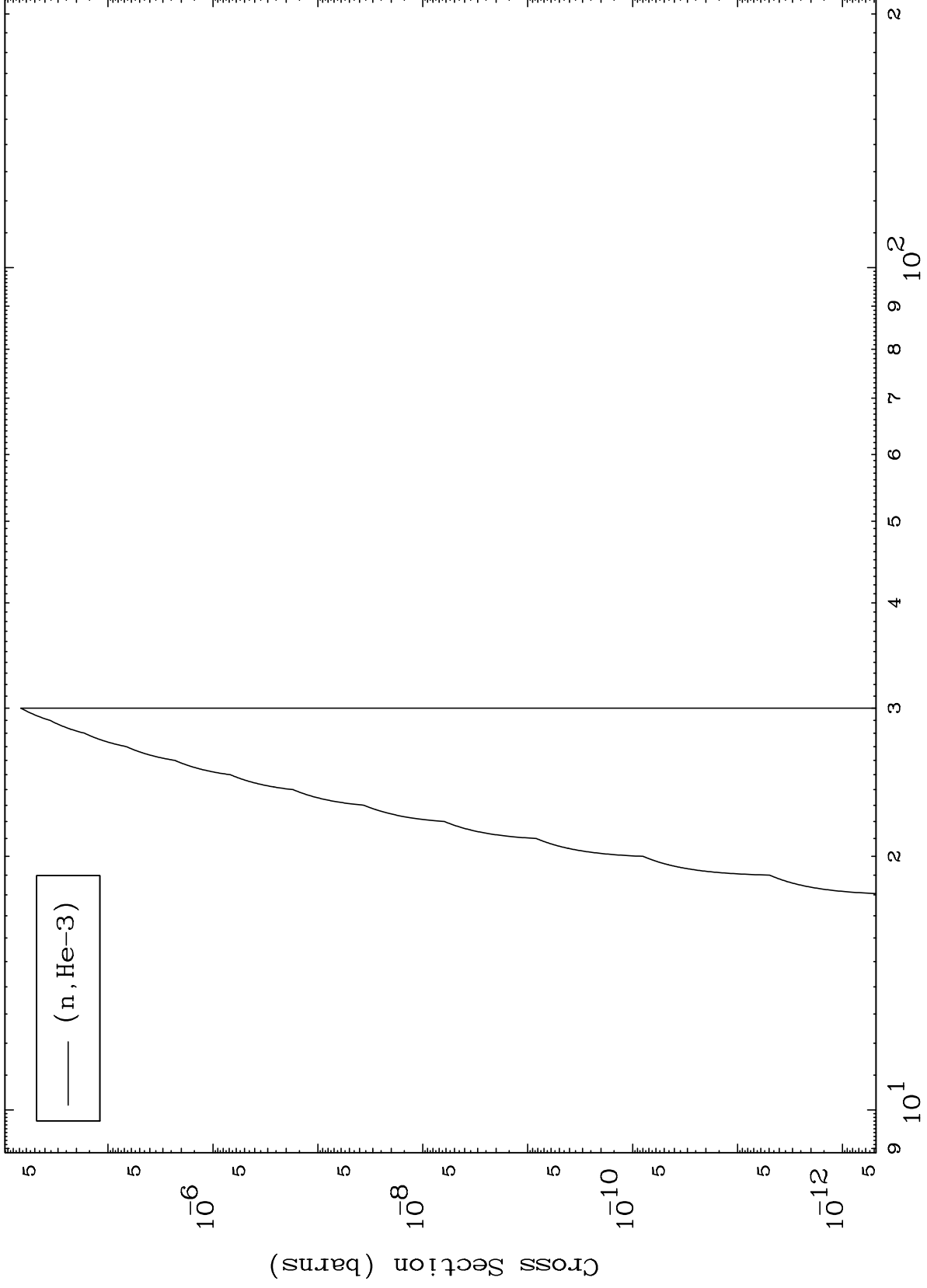
Incident Energy (MeV)

69-Tm-174

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(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-174



11

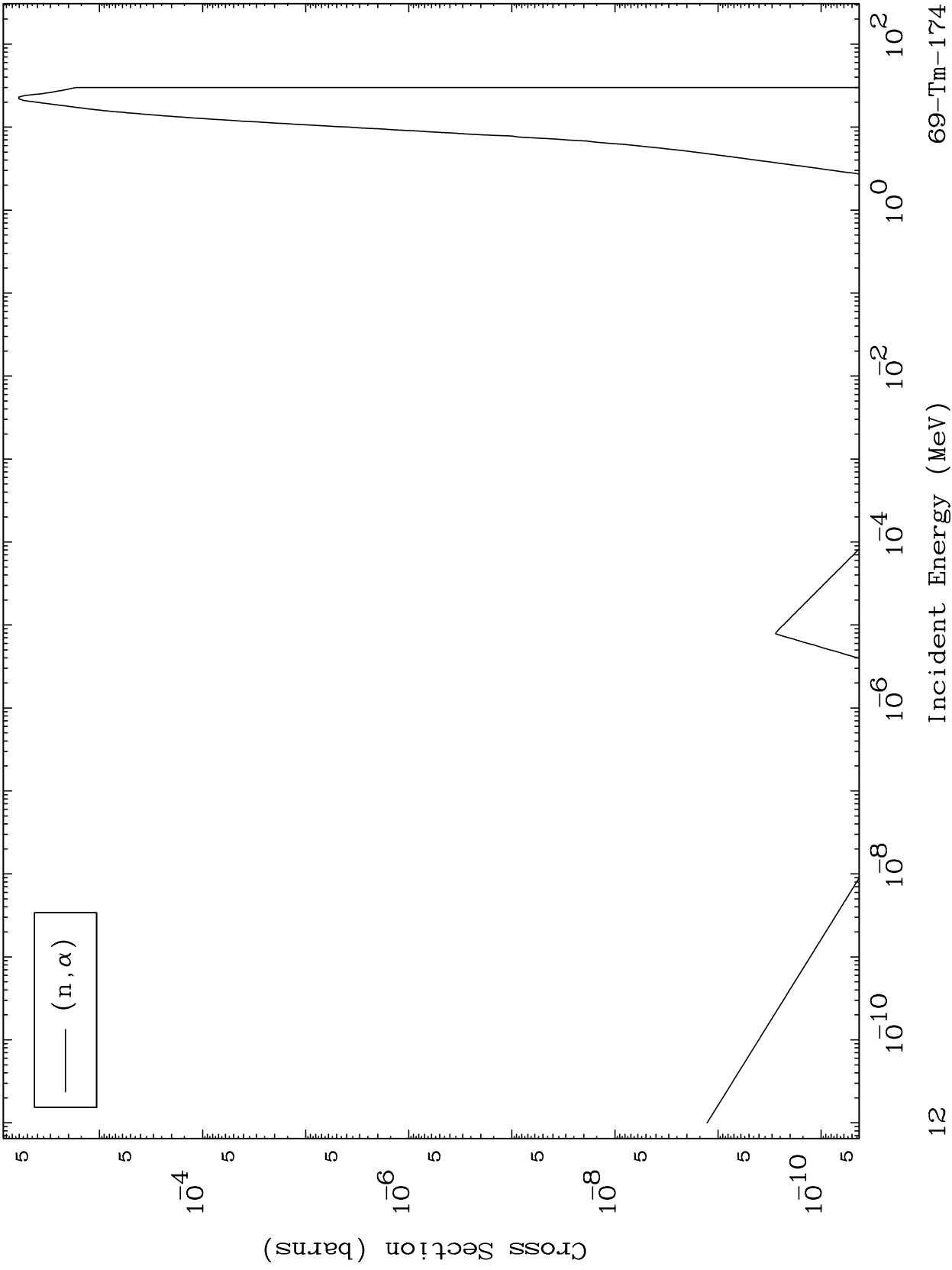
Incident Energy (MeV)

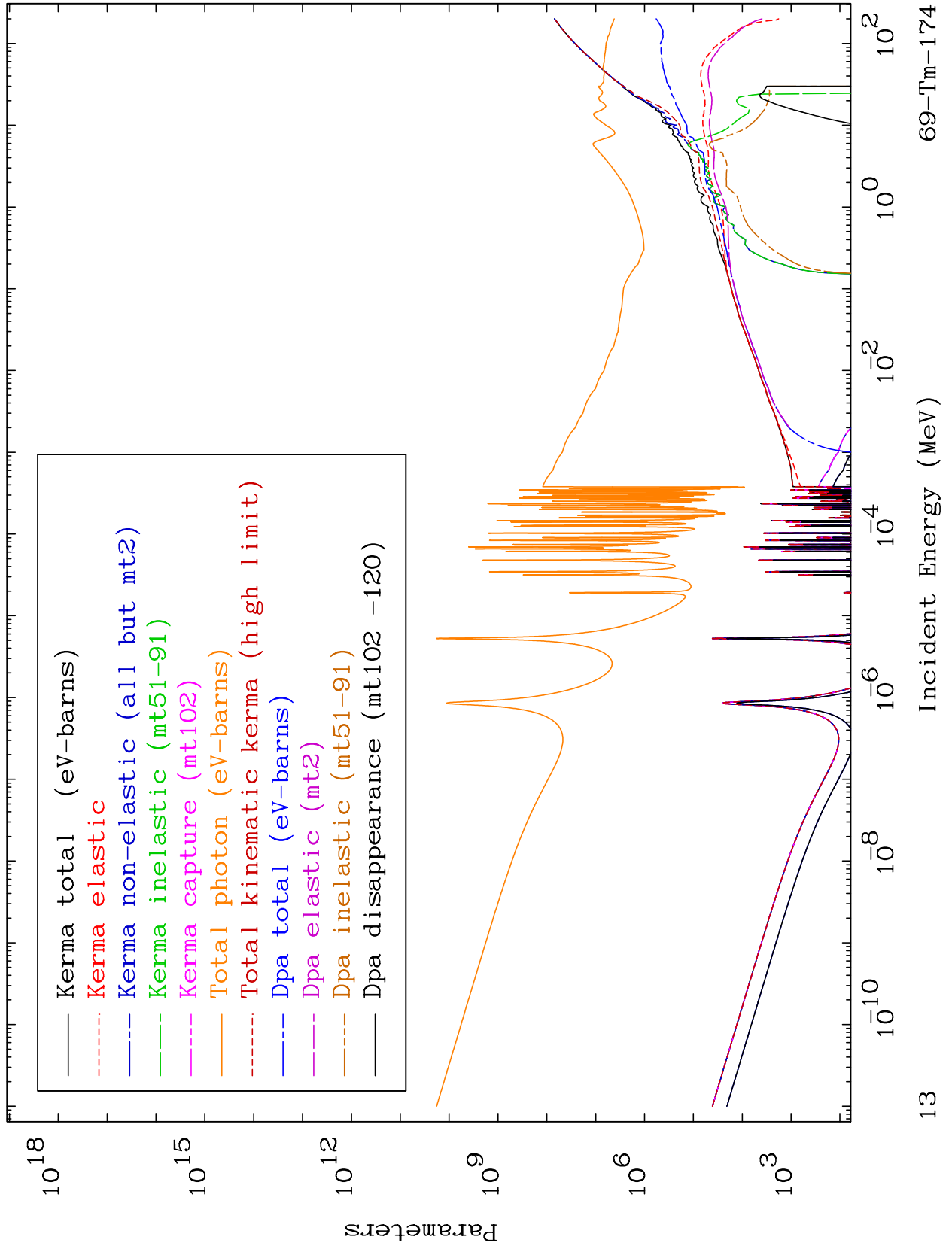
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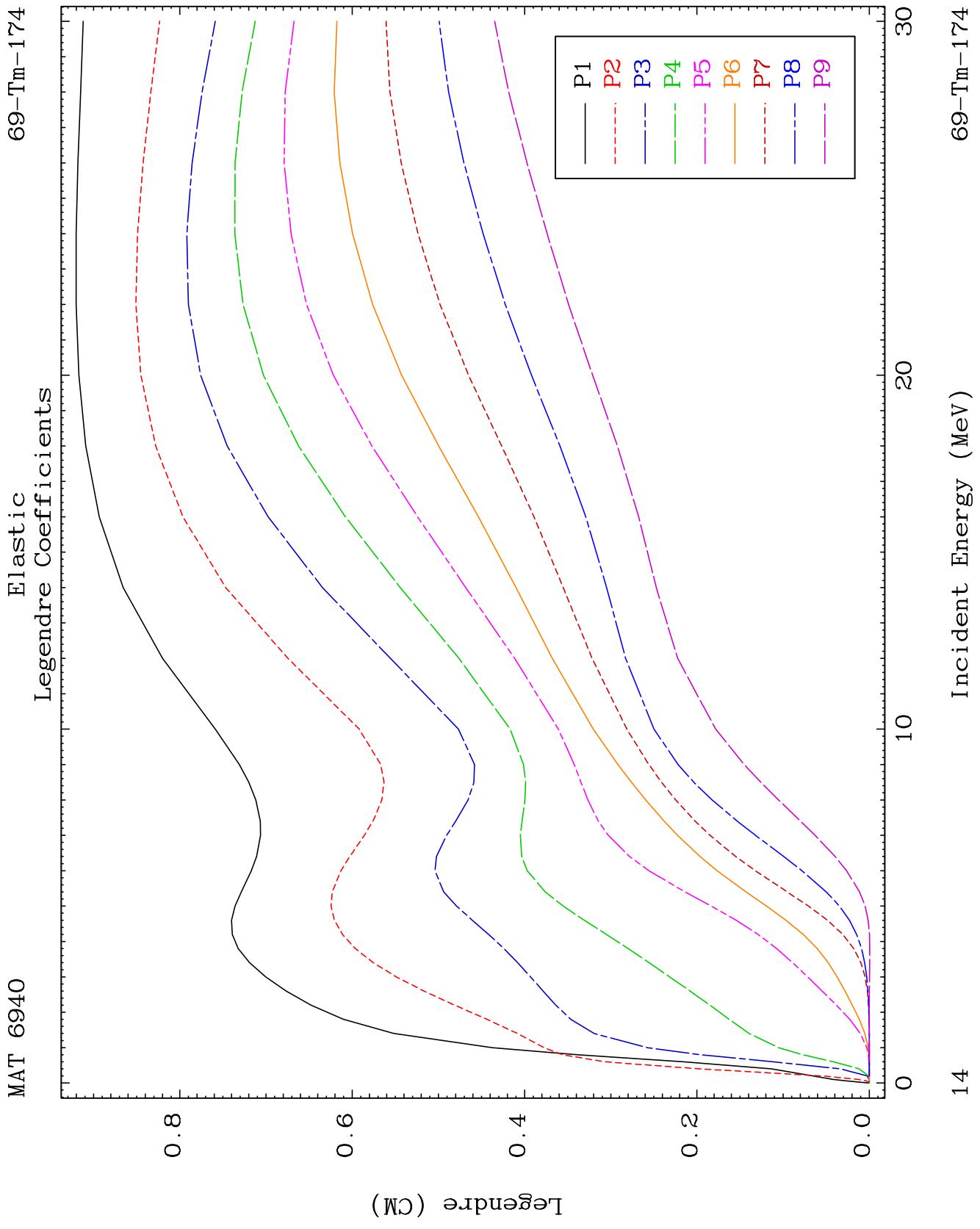
MAT 6940

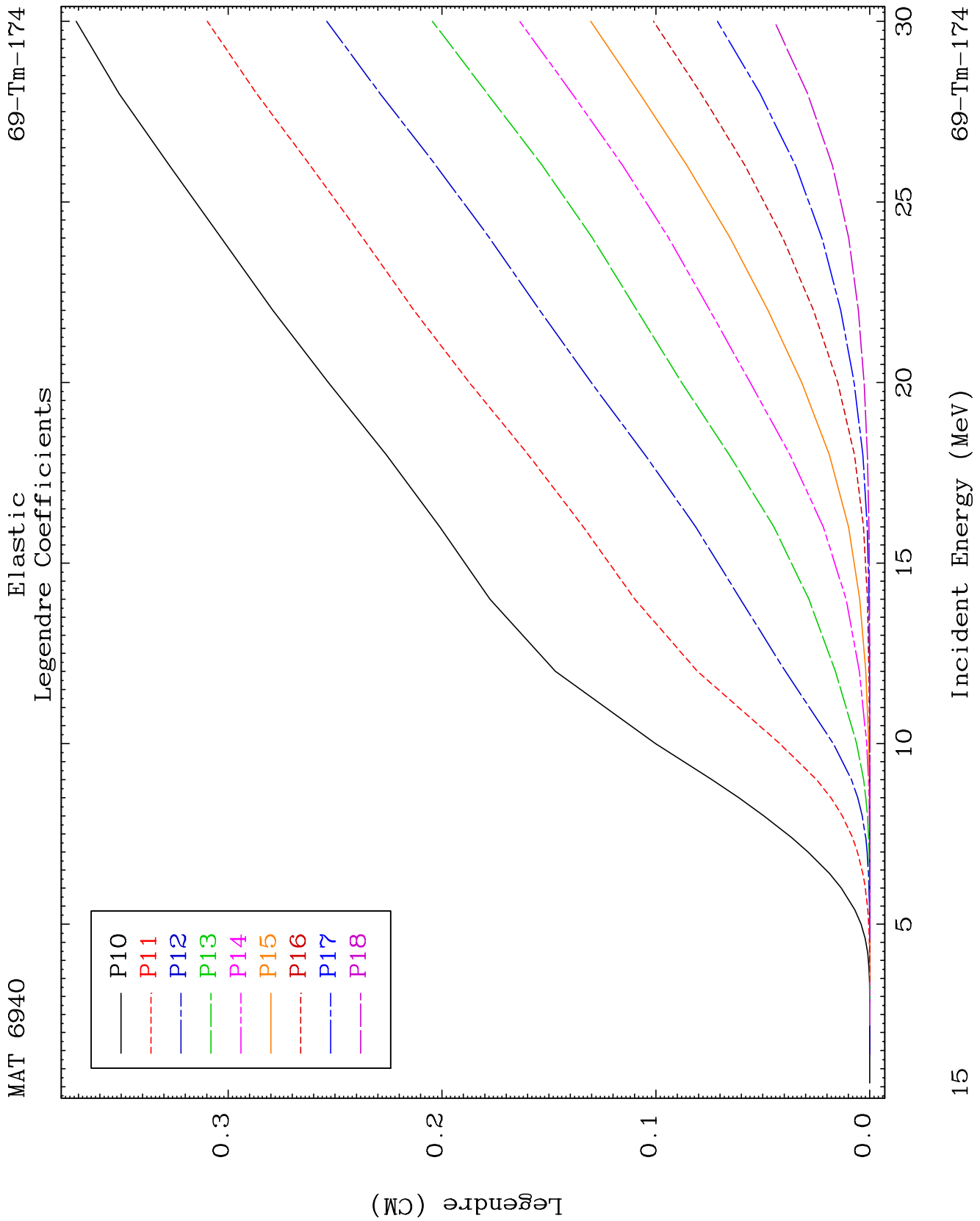
(n, α) Levels
293 Kelvin Cross Sections

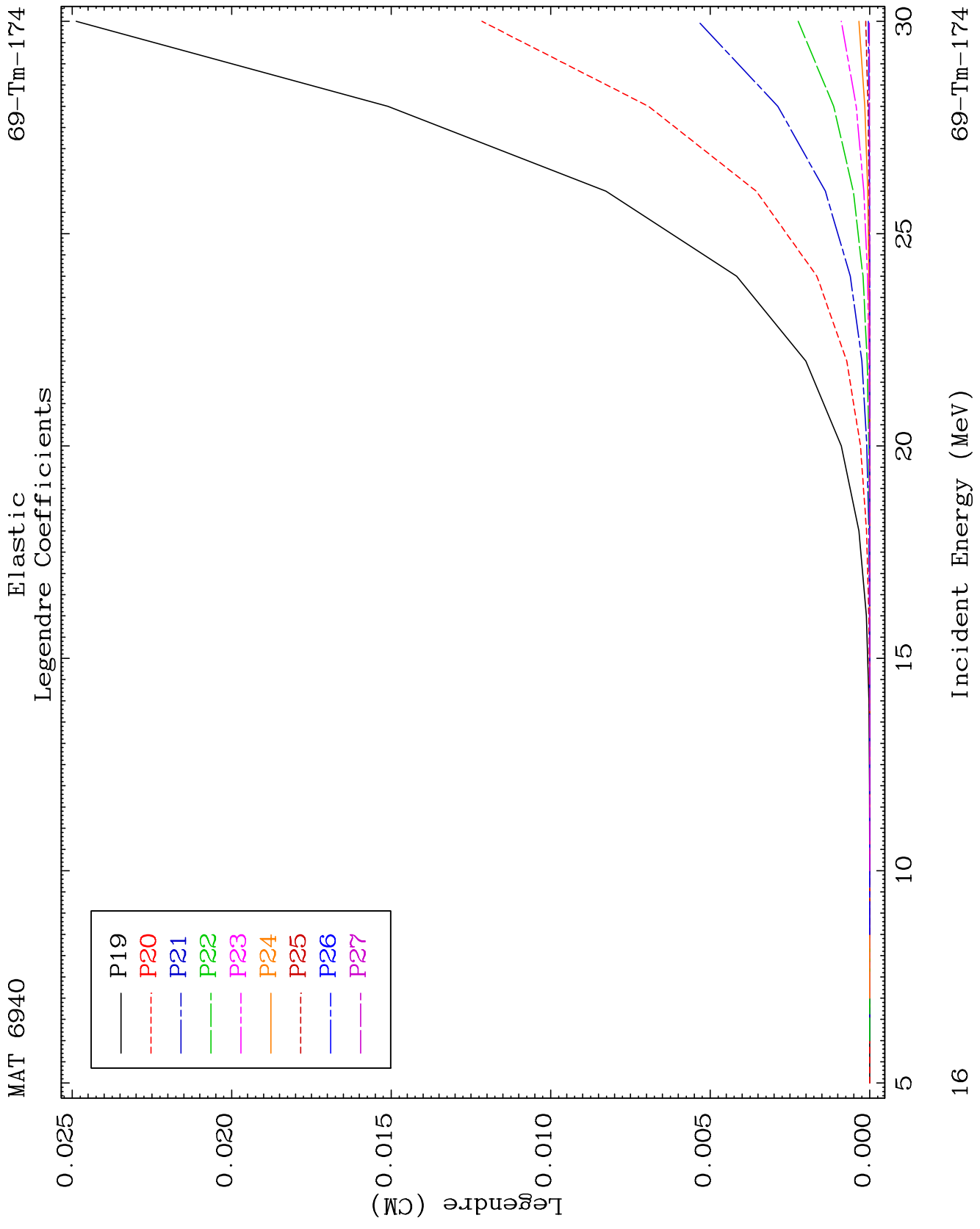
69-Tm-174







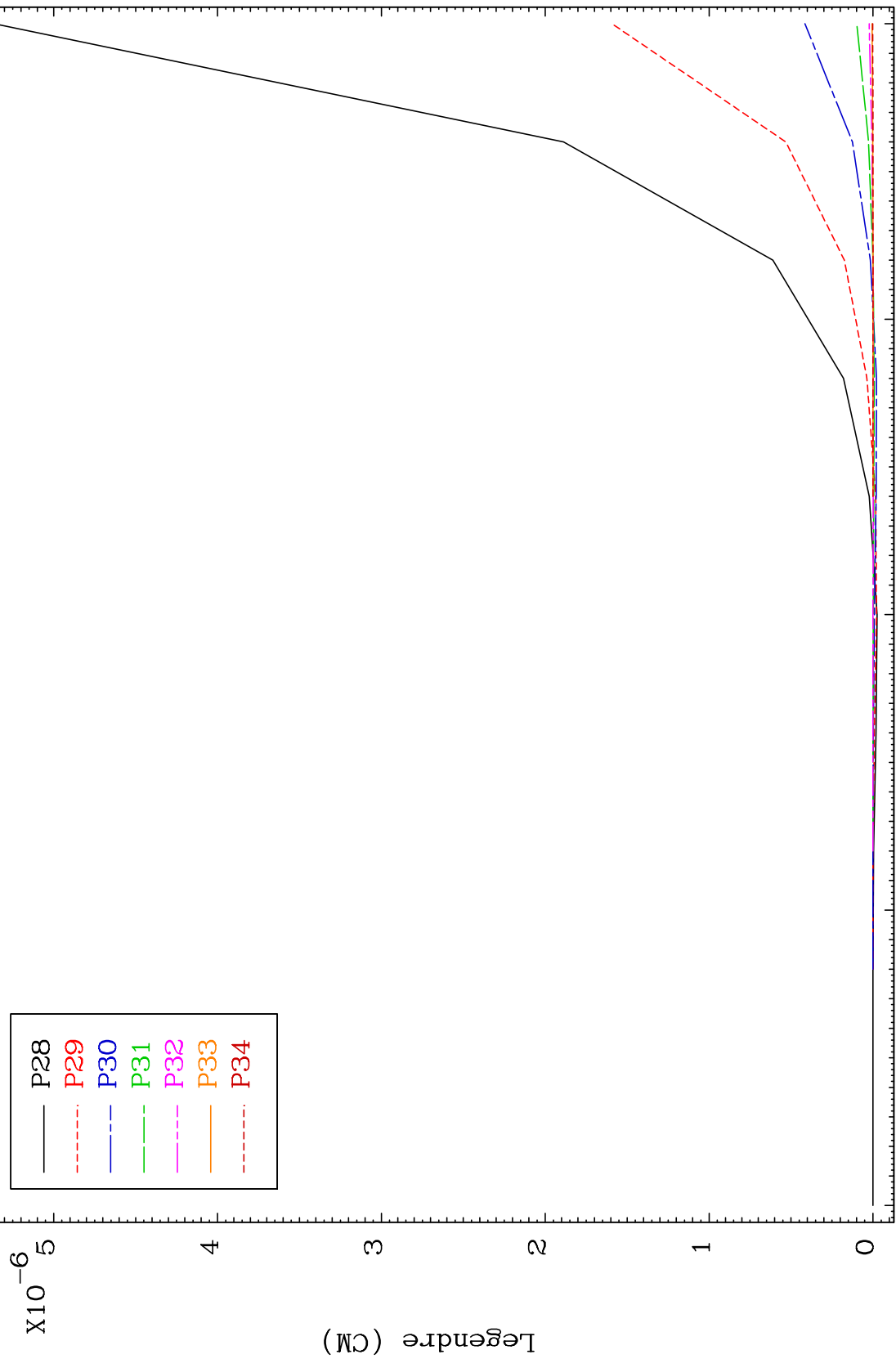
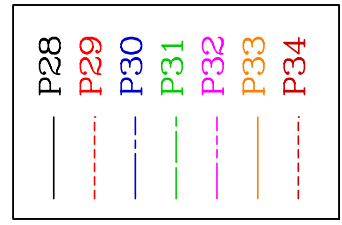




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Elastic Legendre Coefficients

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10

Incident Energy (MeV)

69-Tm-174

15

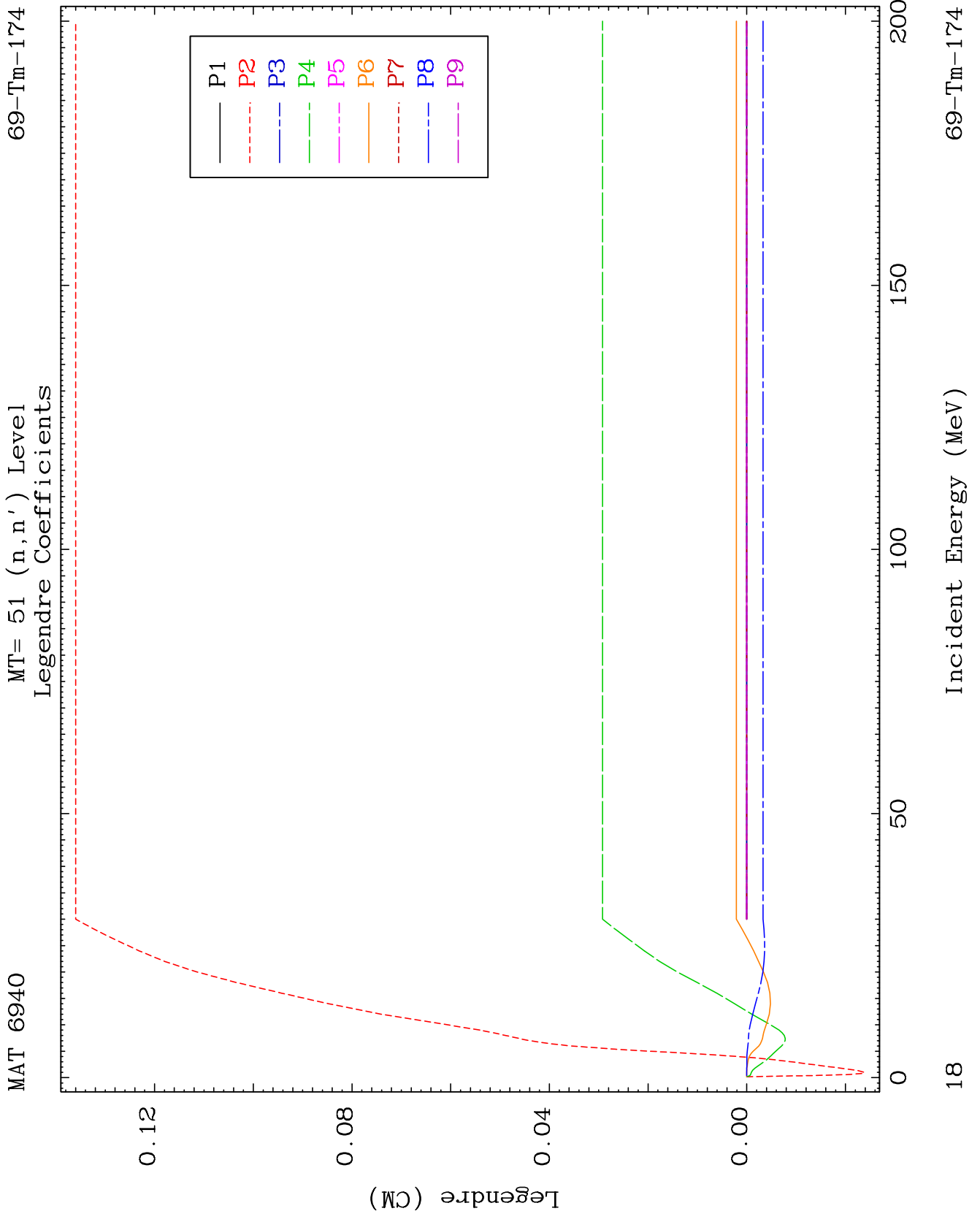
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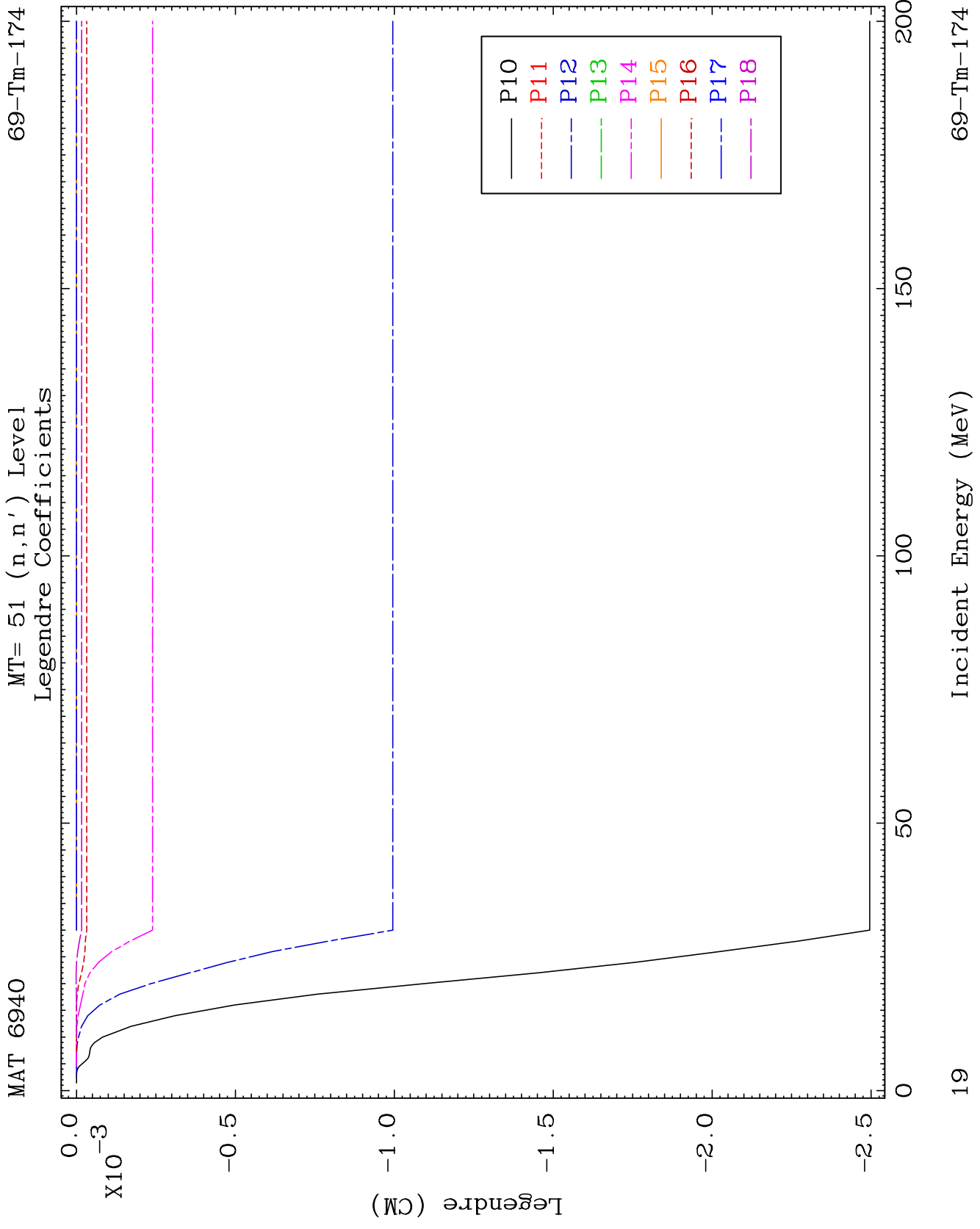
25

30

$\times 10^{-6}$

Legendre (CM)



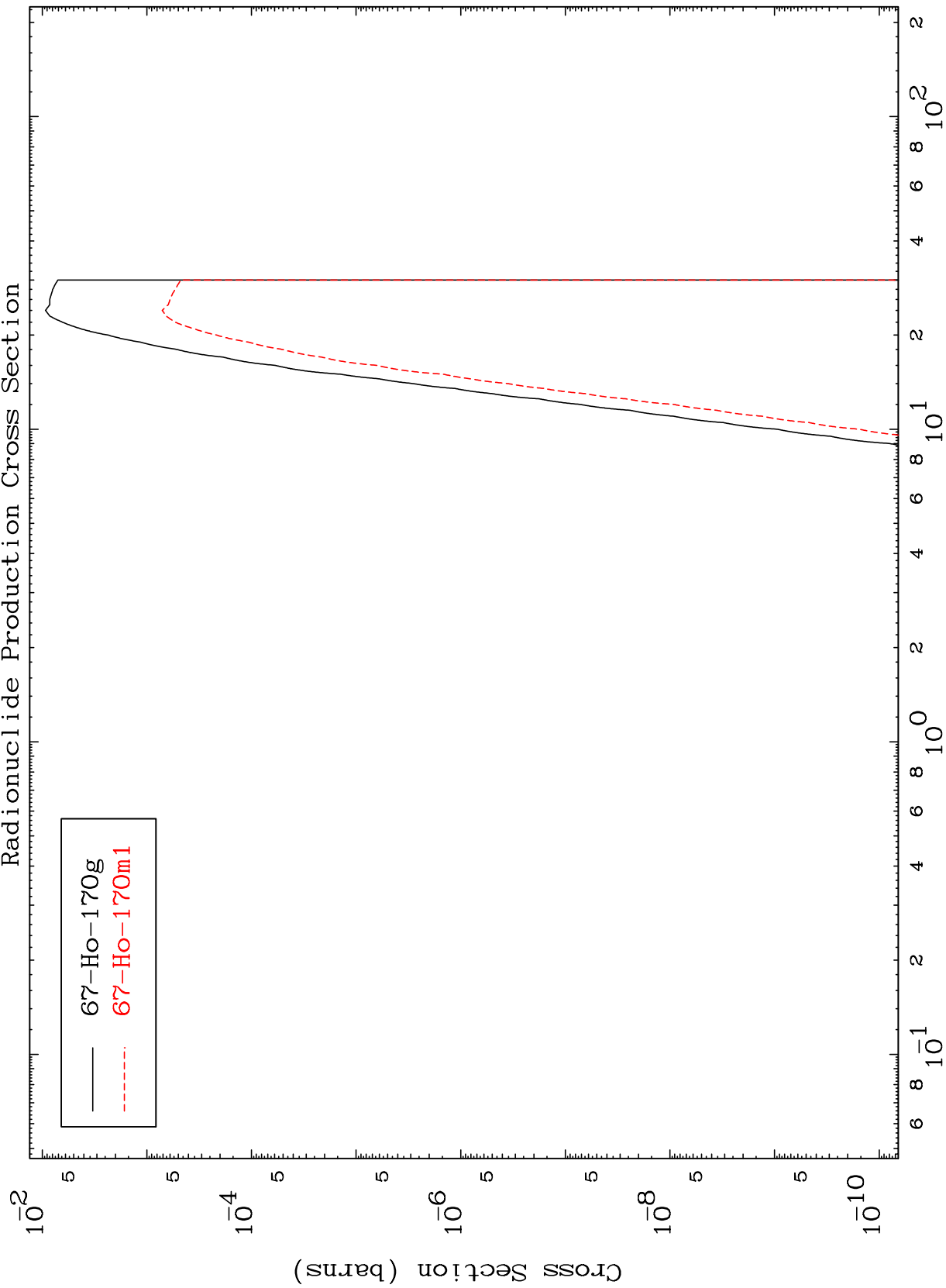


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$(n, n') \alpha$

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Radionuclide Production Cross Section



67-Ho-170g
67-Ho-170m1

MAT 6940

(n,3n) α

69-Tm-174

Radionuclide Production Cross Section

