

Program EVALPLOT
(Version 2018-1)

by

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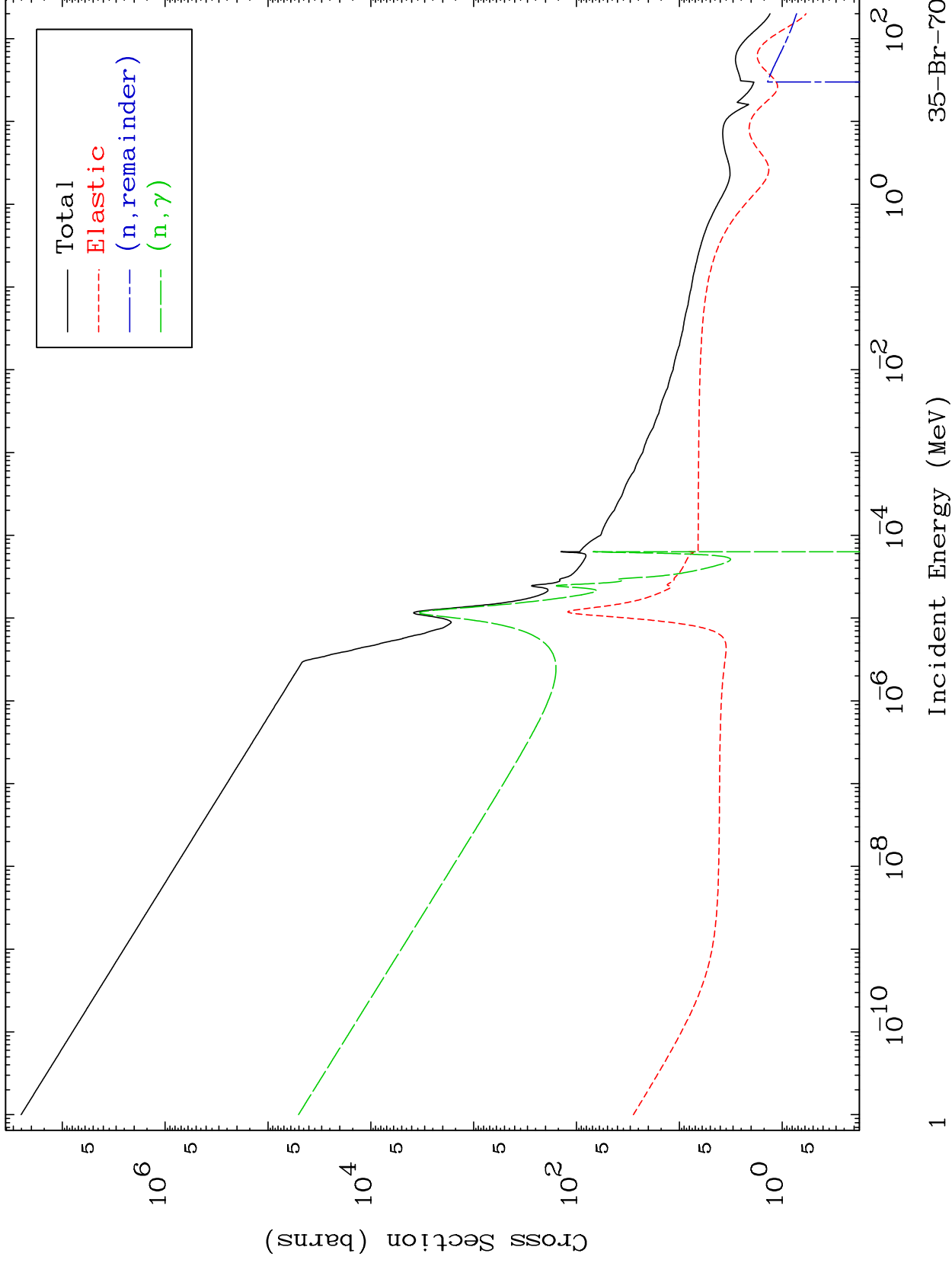
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3499

Major
293 Kelvin Cross Sections

35-Br-70

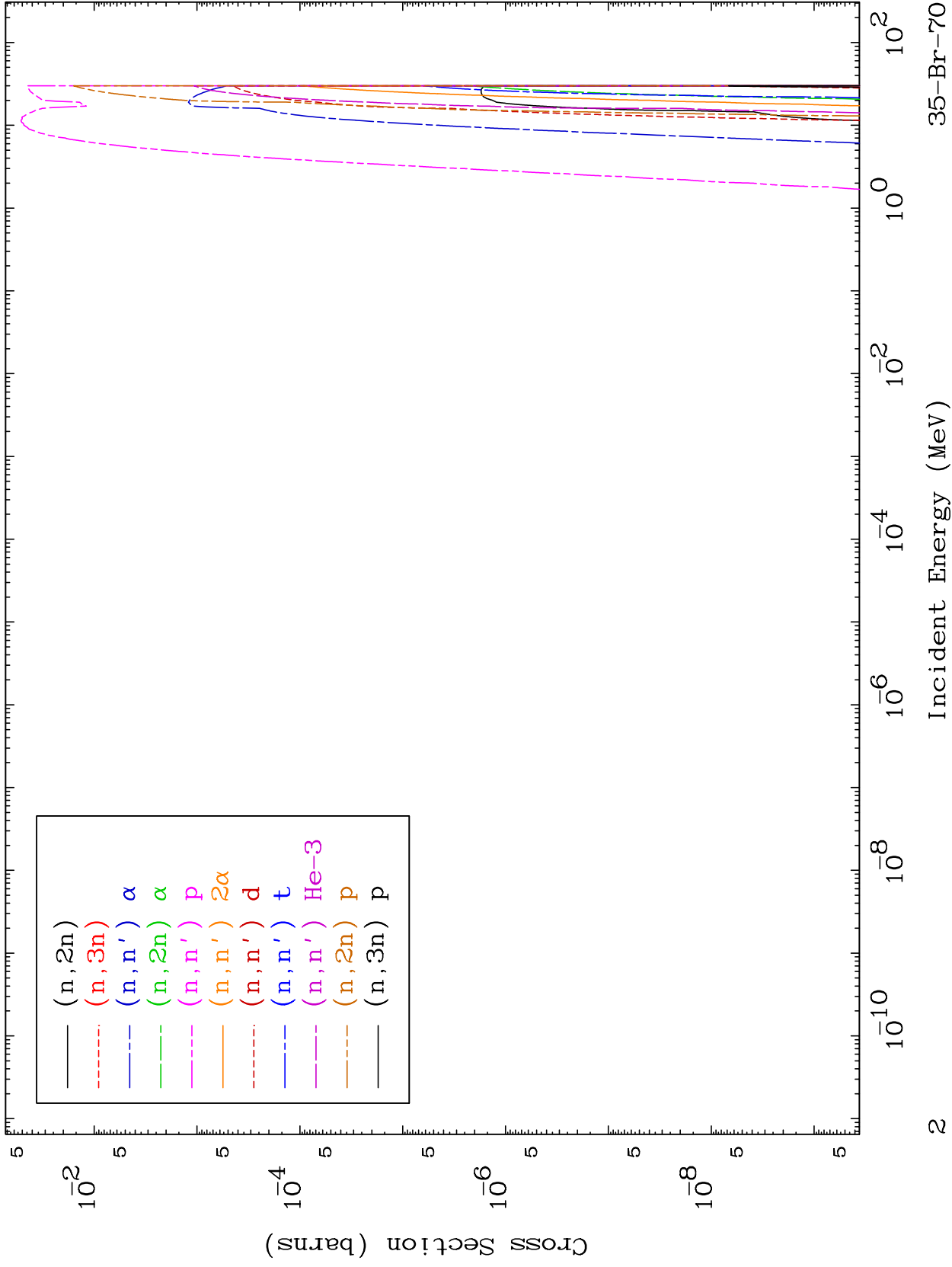


1

MAT 3499

Neutron Production
293 Kelvin Cross Sections

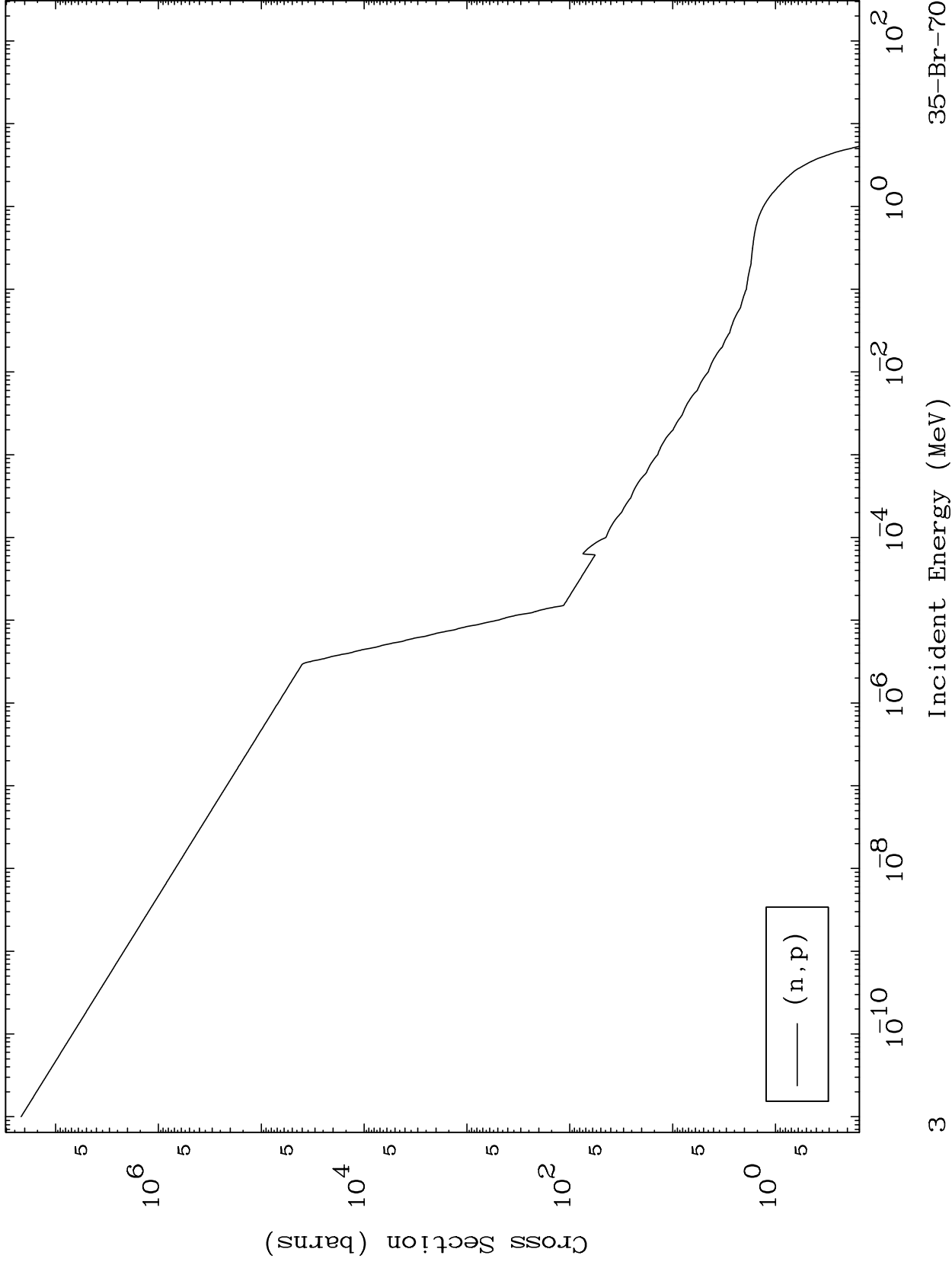
35-Br-70

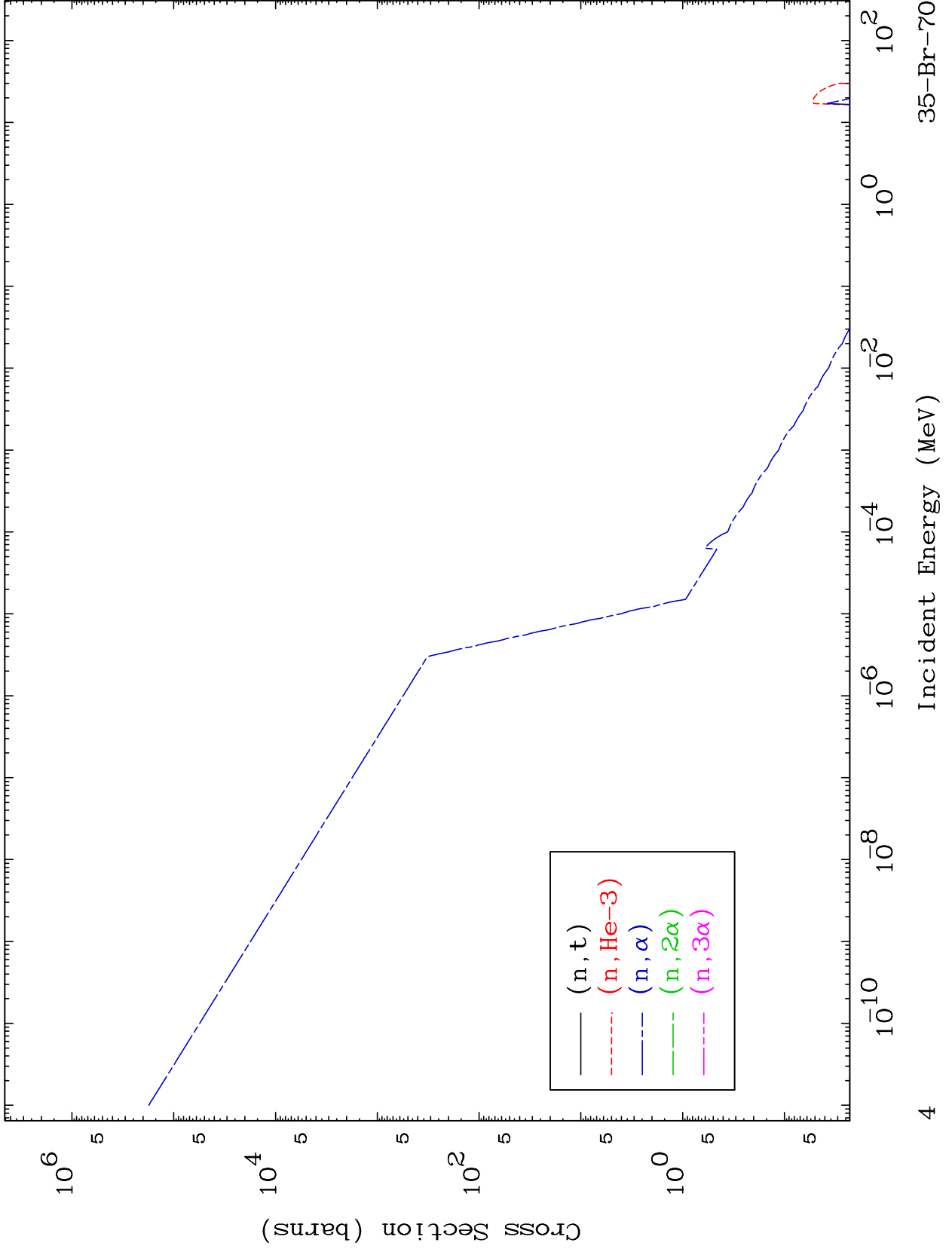


MAT 3499

Charged Particle
293 Kelvin Cross Sections

35-Br-70

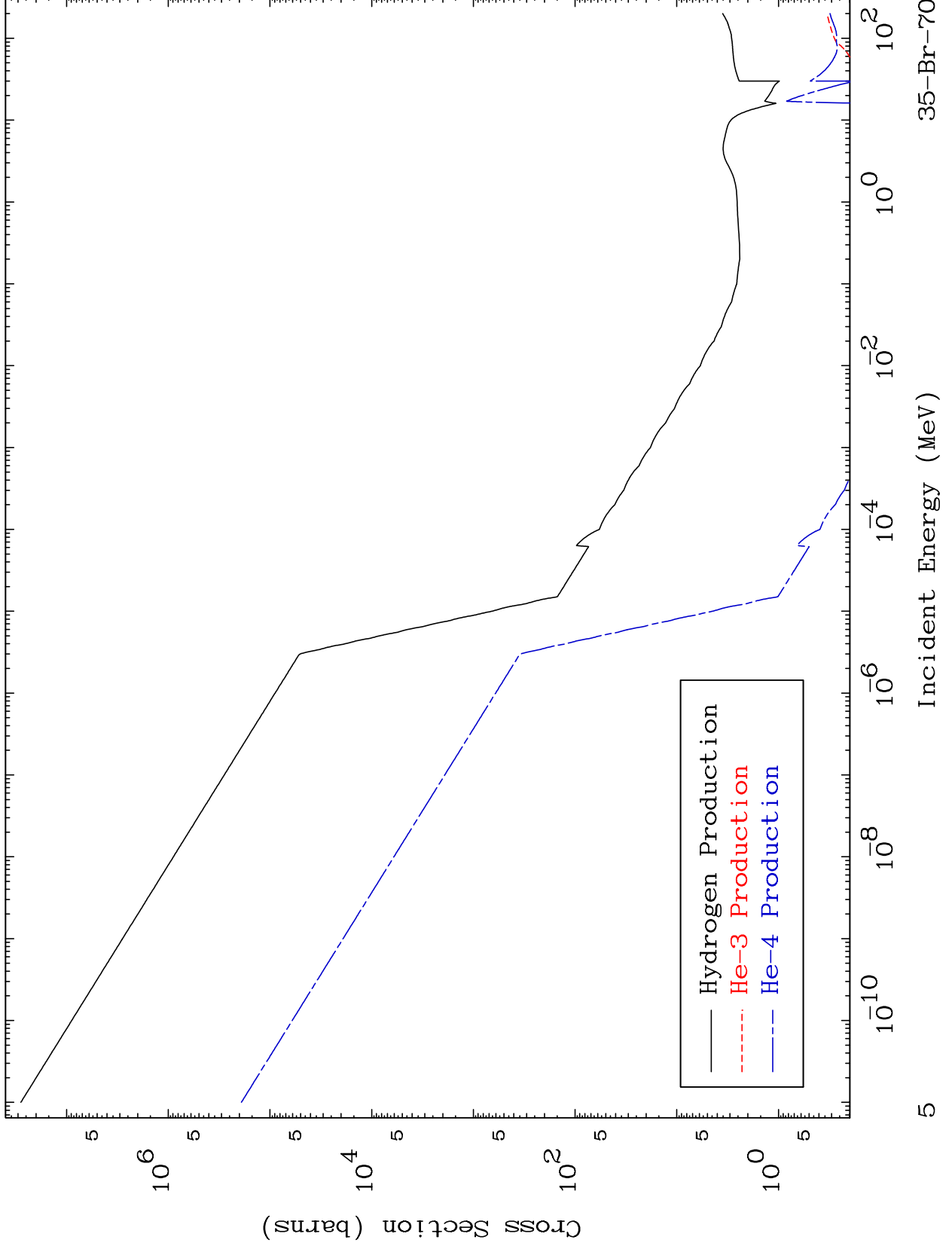




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Particle Production
293 Kelvin Cross Sections

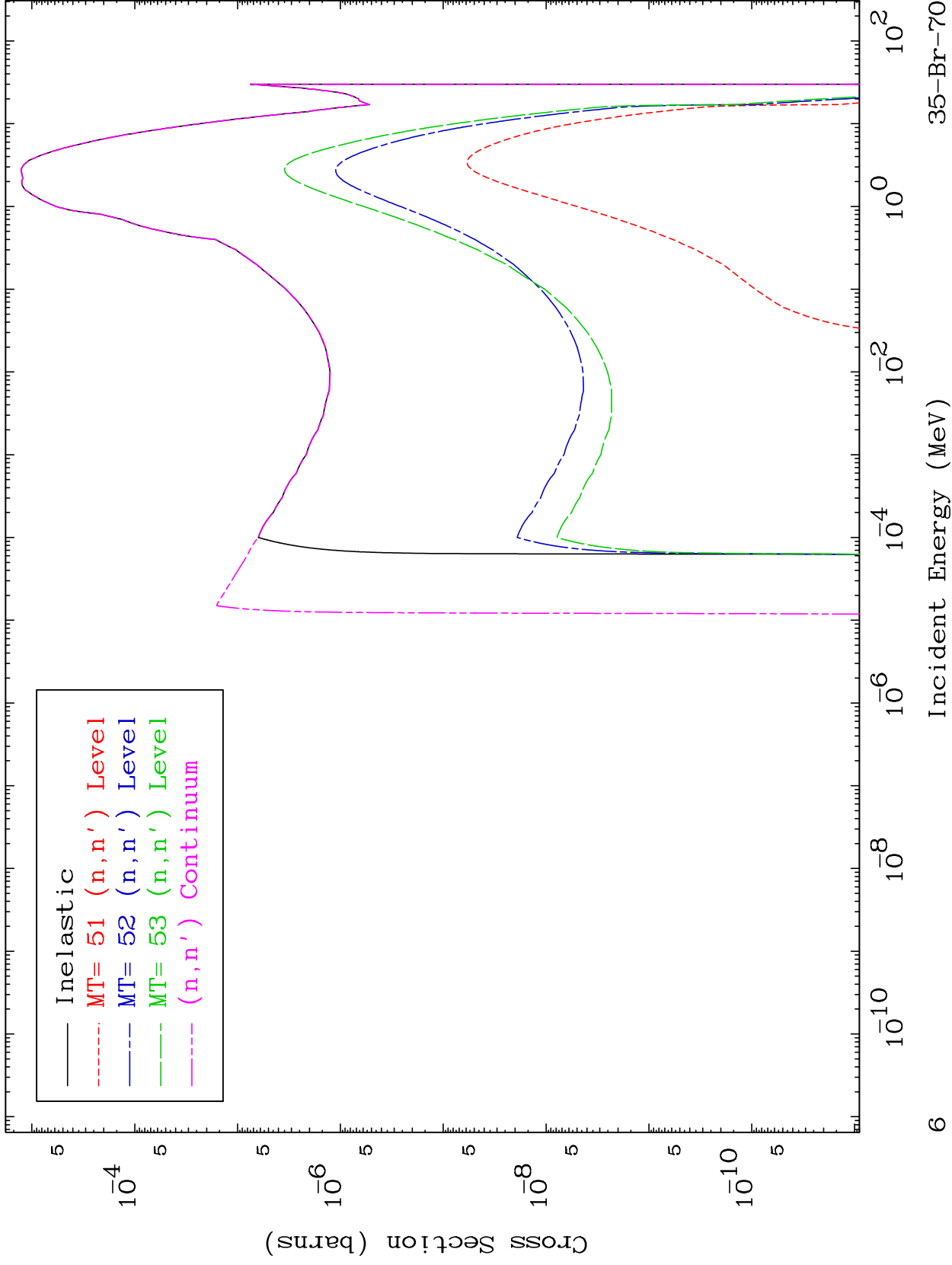
35-Br-70



MAT 3499

(n,n') Level
293 Kelvin Cross Sections

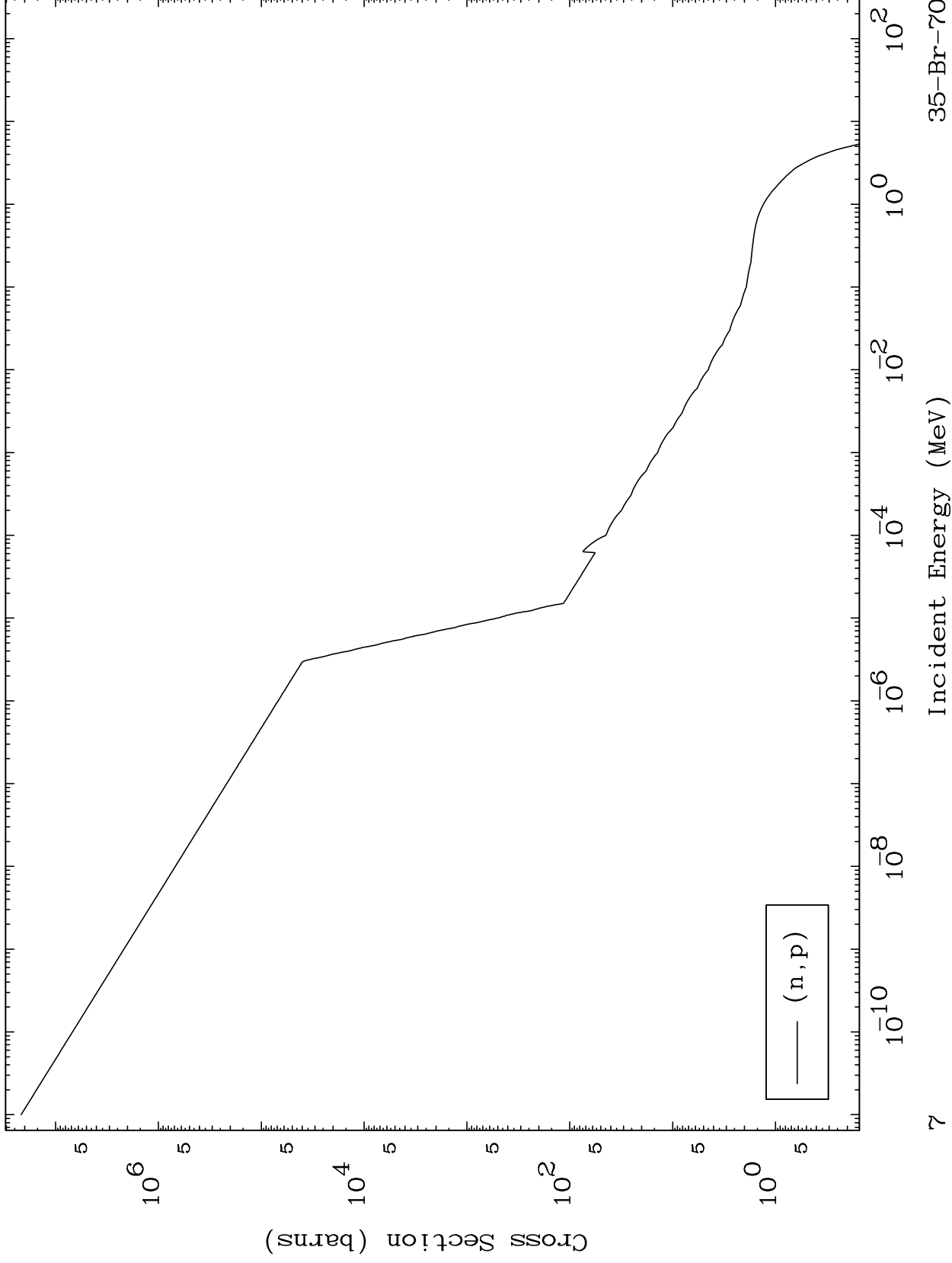
35-Br-70



MAT 3499

(n,p) Levels
293 Kelvin Cross Sections

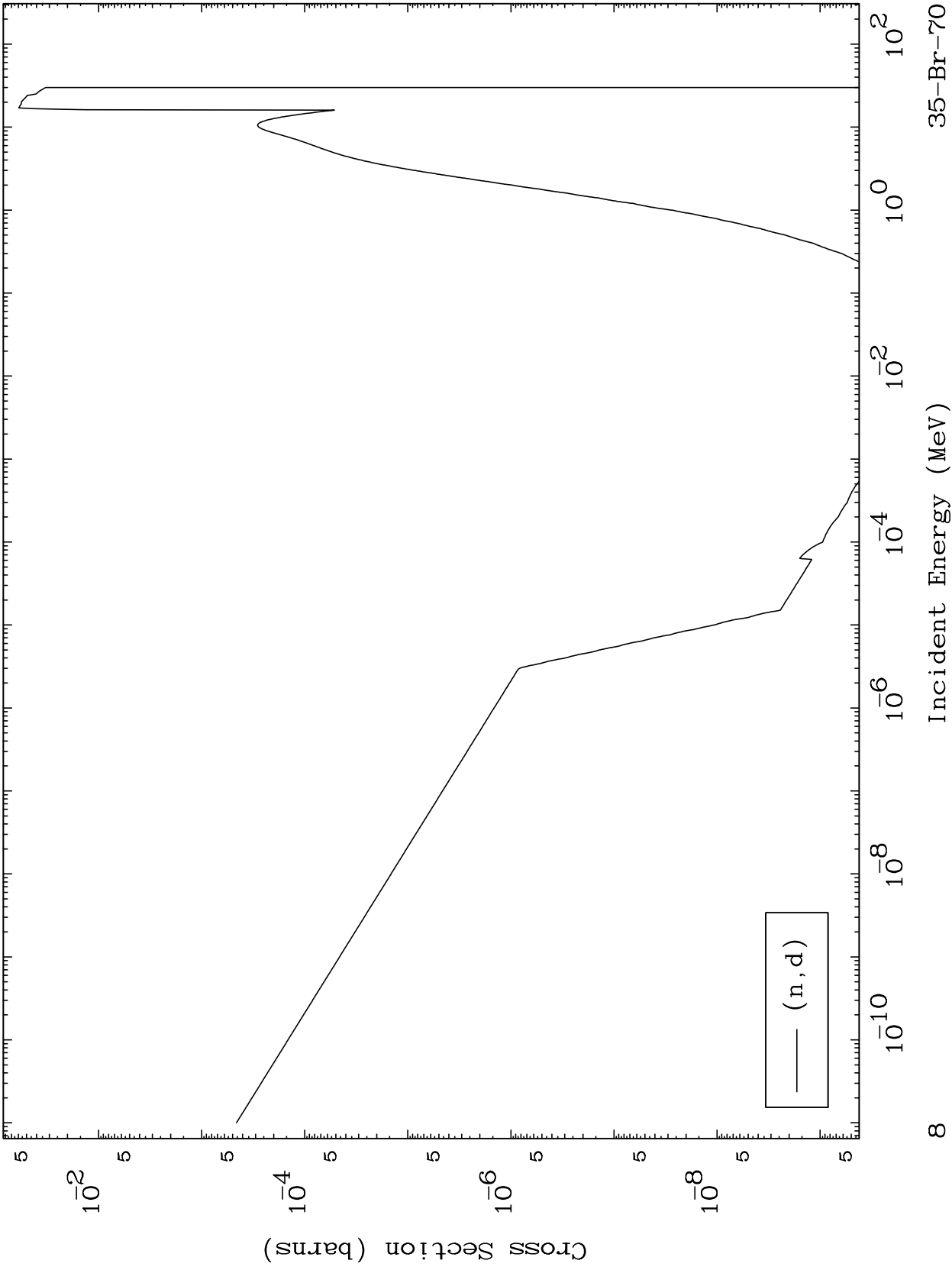
35-Br-70



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(n,d) Levels
293 Kelvin Cross Sections

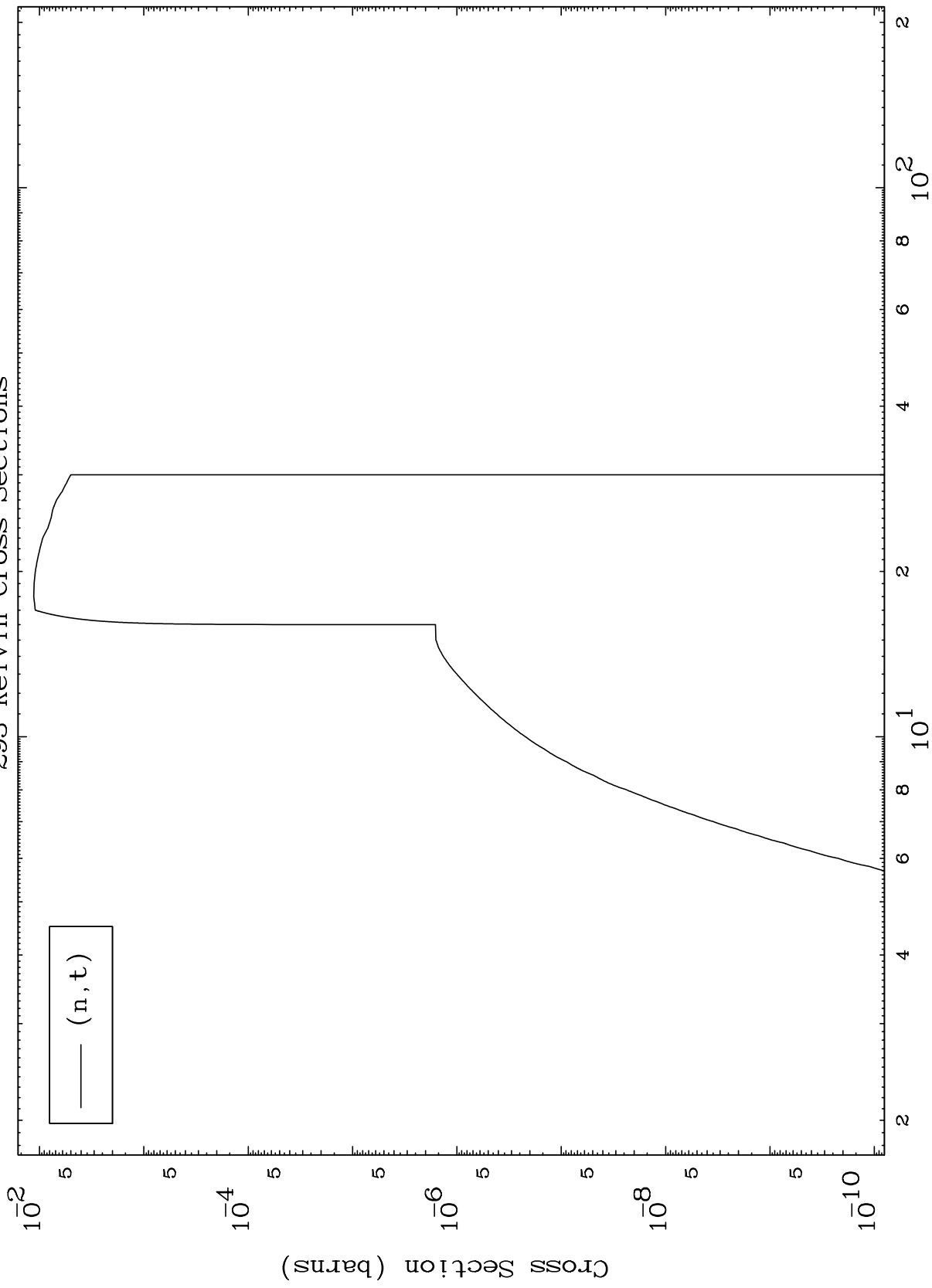
35-Br-70



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35-Br-70

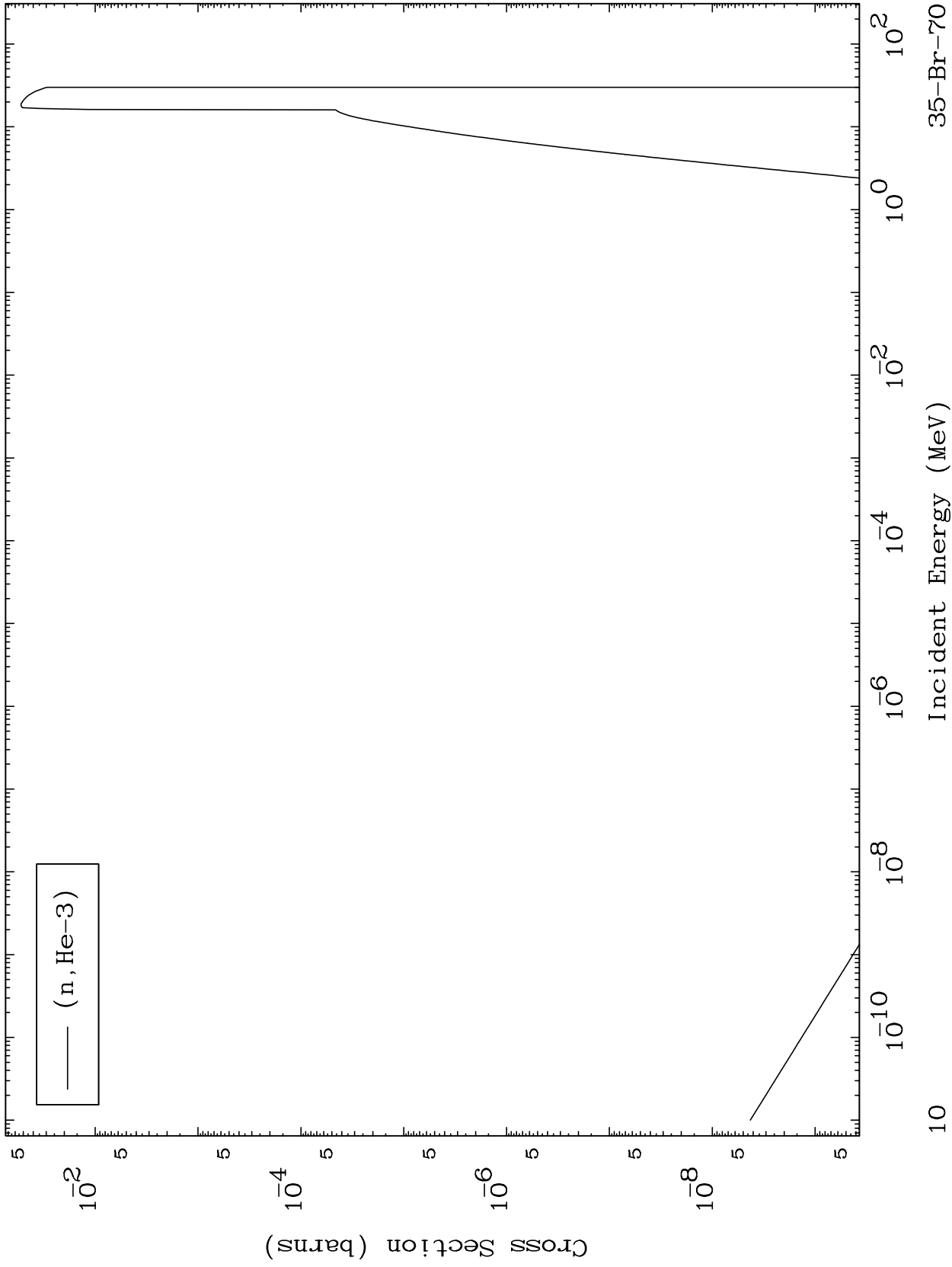
(n, t) Levels
293 Kelvin Cross Sections



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(n,He3) Levels
293 Kelvin Cross Sections

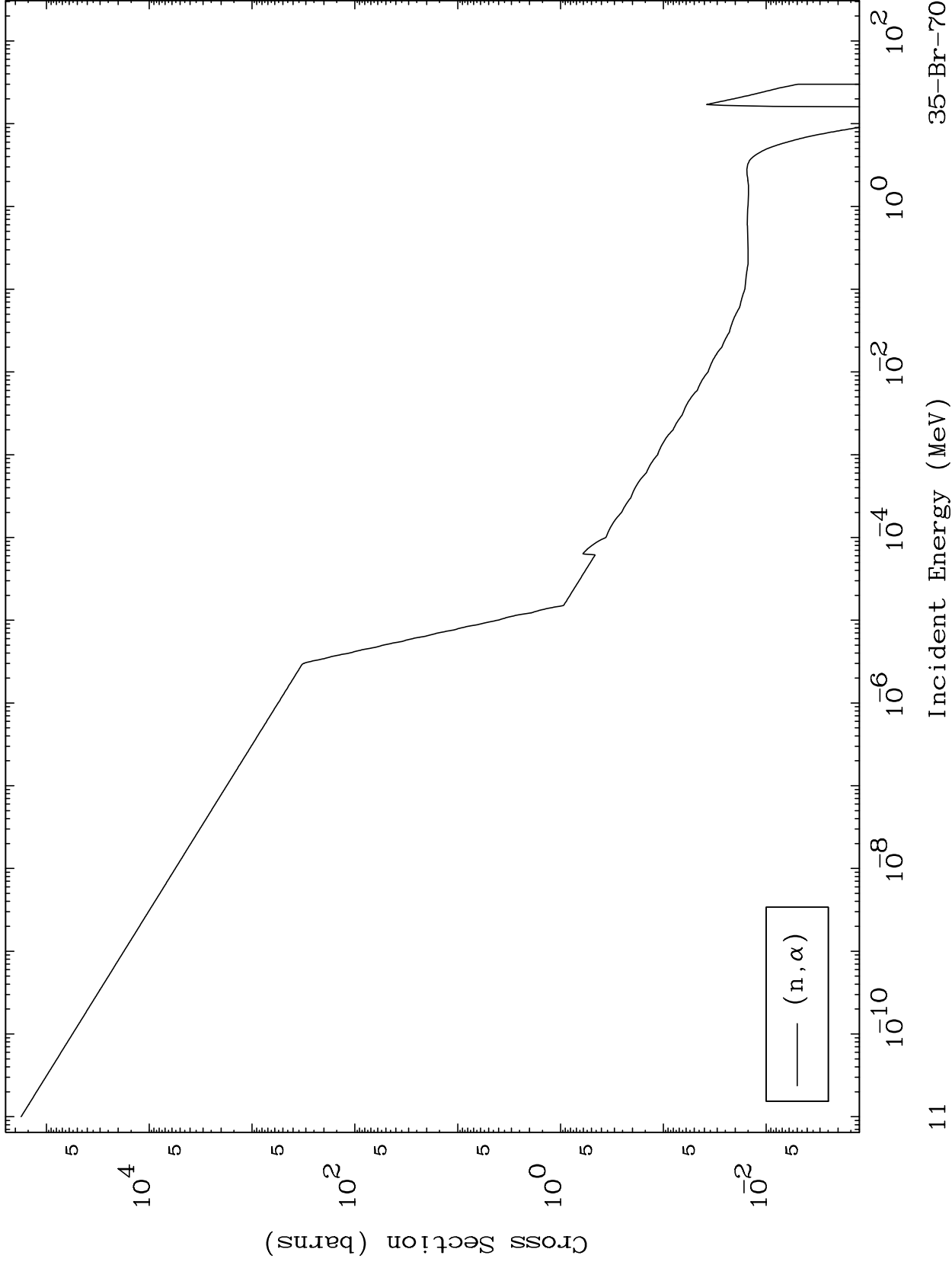
35-Br-70

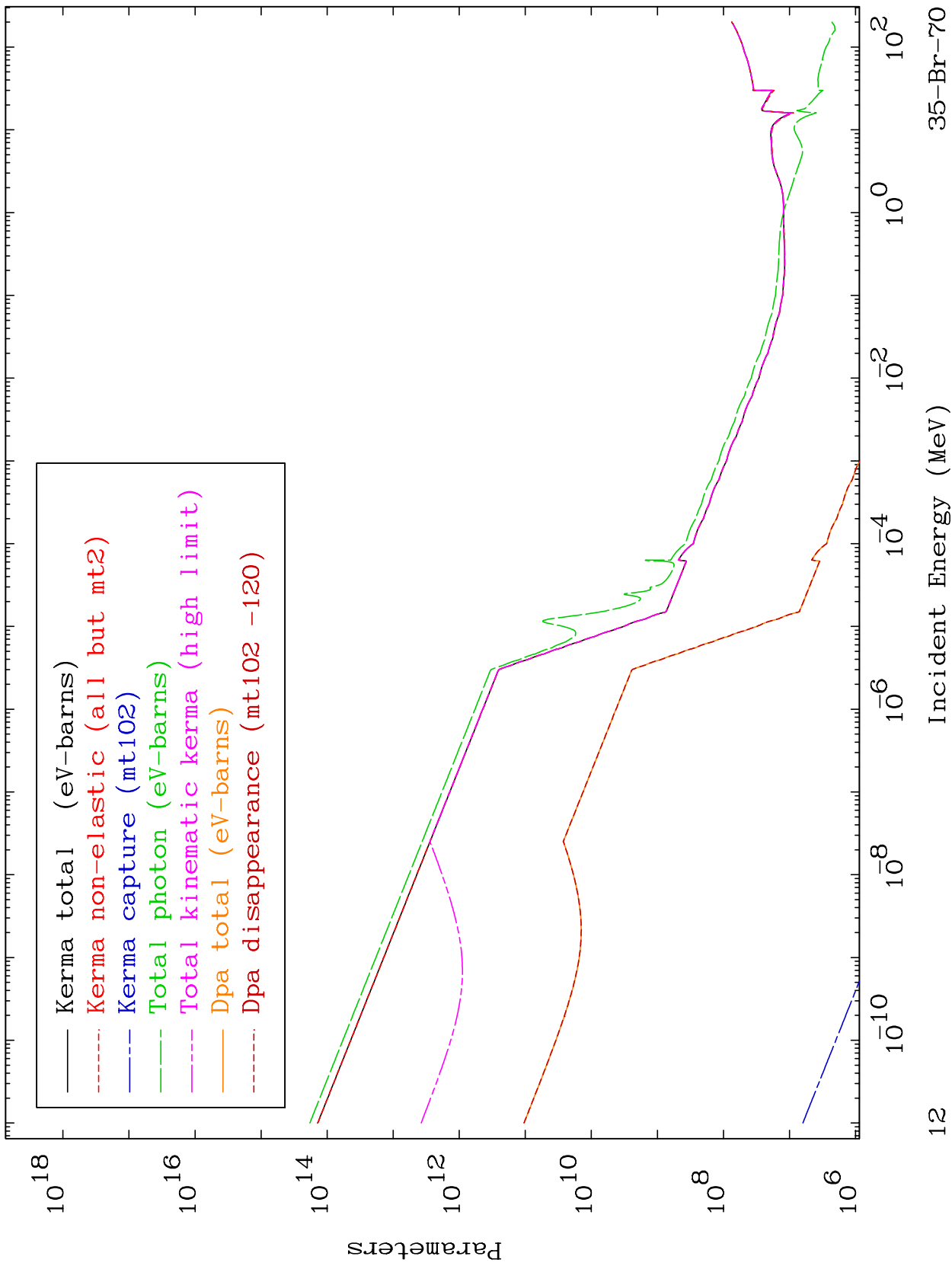


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(n, α) Levels
293 Kelvin Cross Sections

35-Br-70

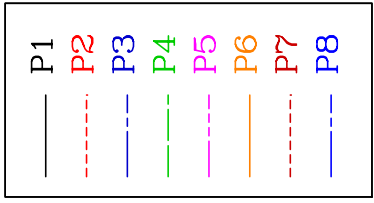
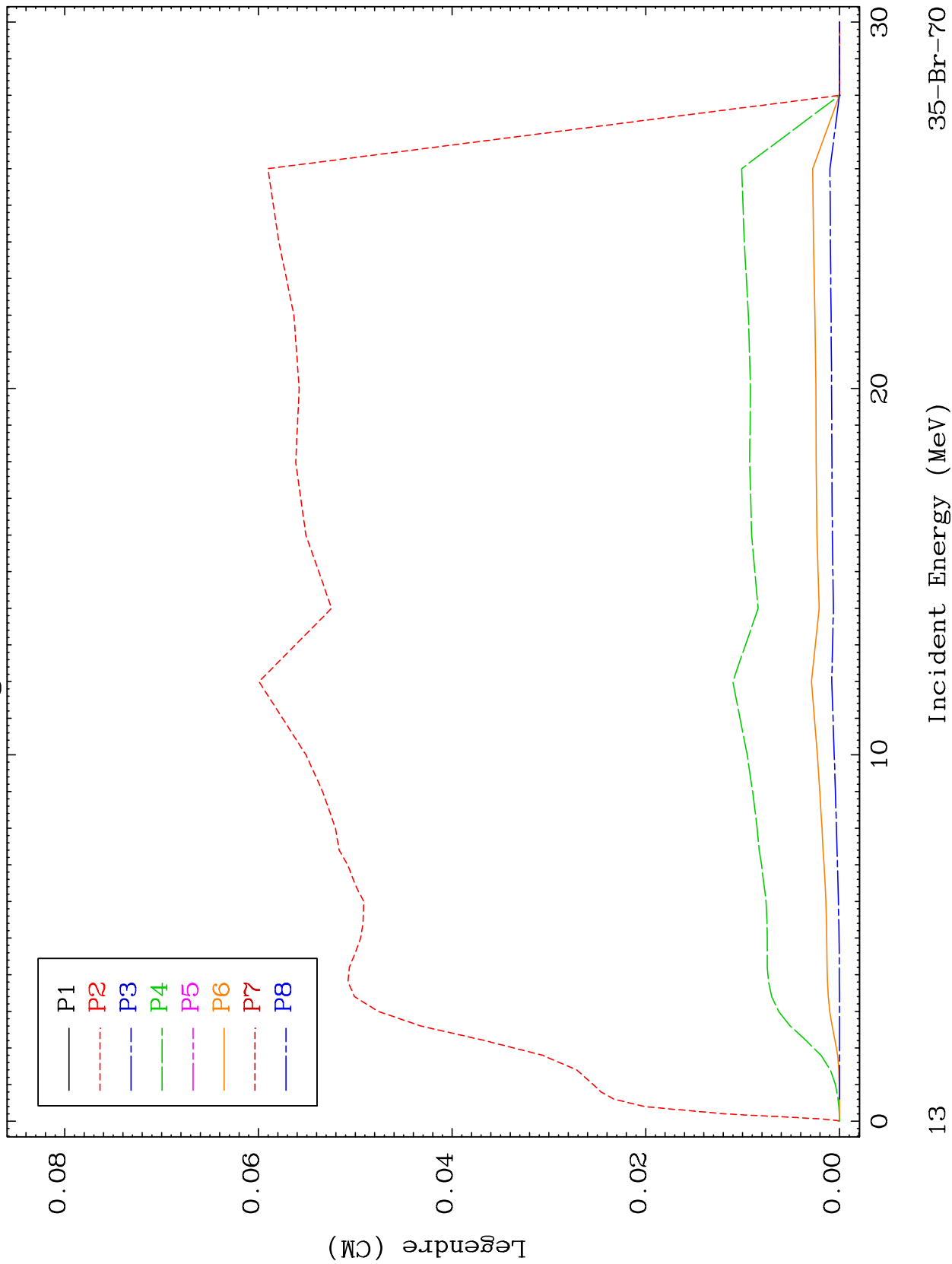




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Elastic Legendre Coefficients

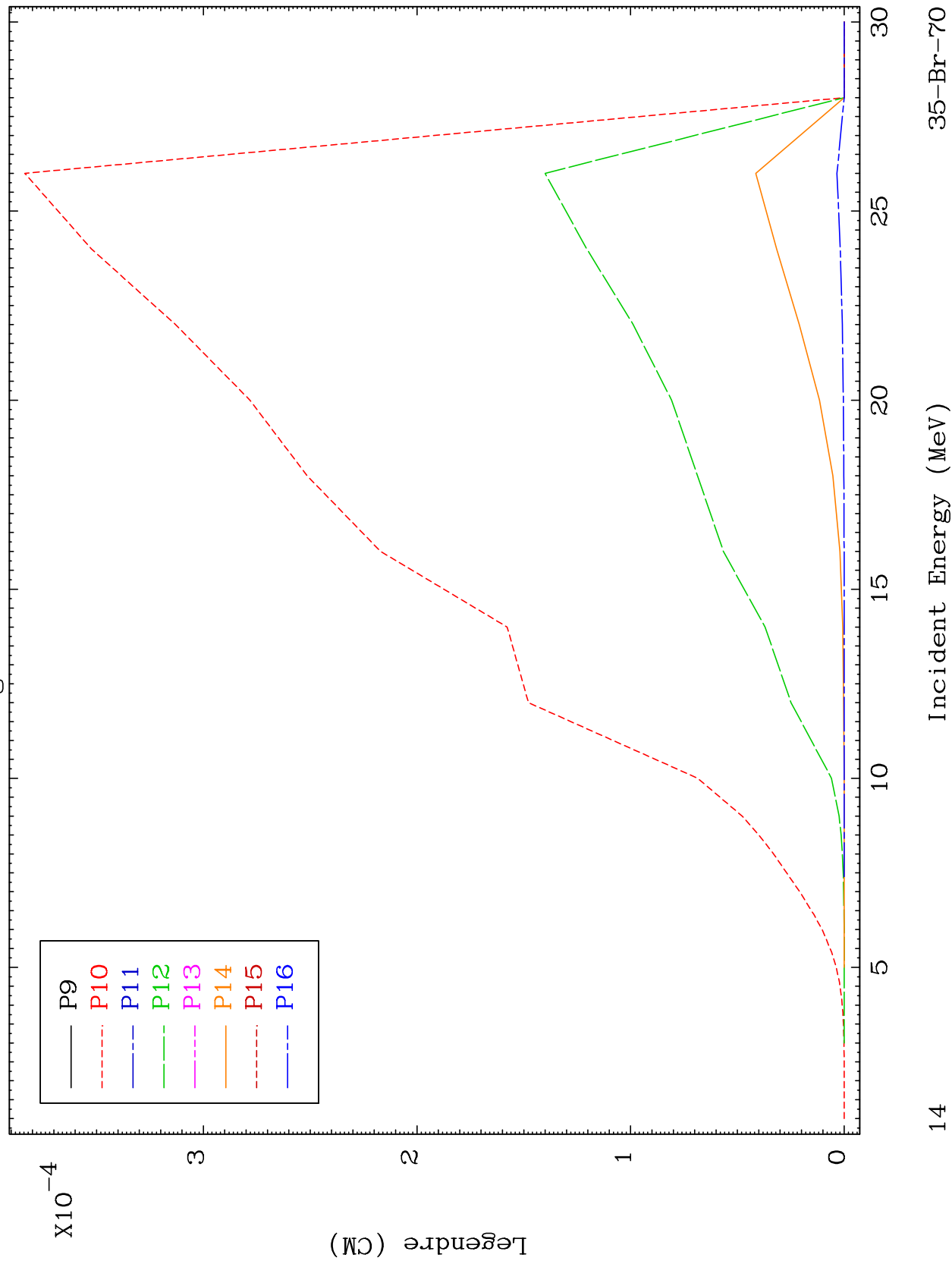
³⁵Br-70



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Elastic Legendre Coefficients

35-Br-70



14

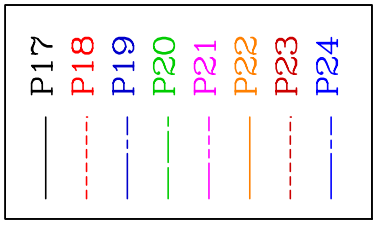
Incident Energy (MeV)

35-Br-70

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Elastic Legendre Coefficients

35-Br-70



$\times 10^{-7}$

Legendre (CM)

1.5

1.0

0.5

0.0

15

20

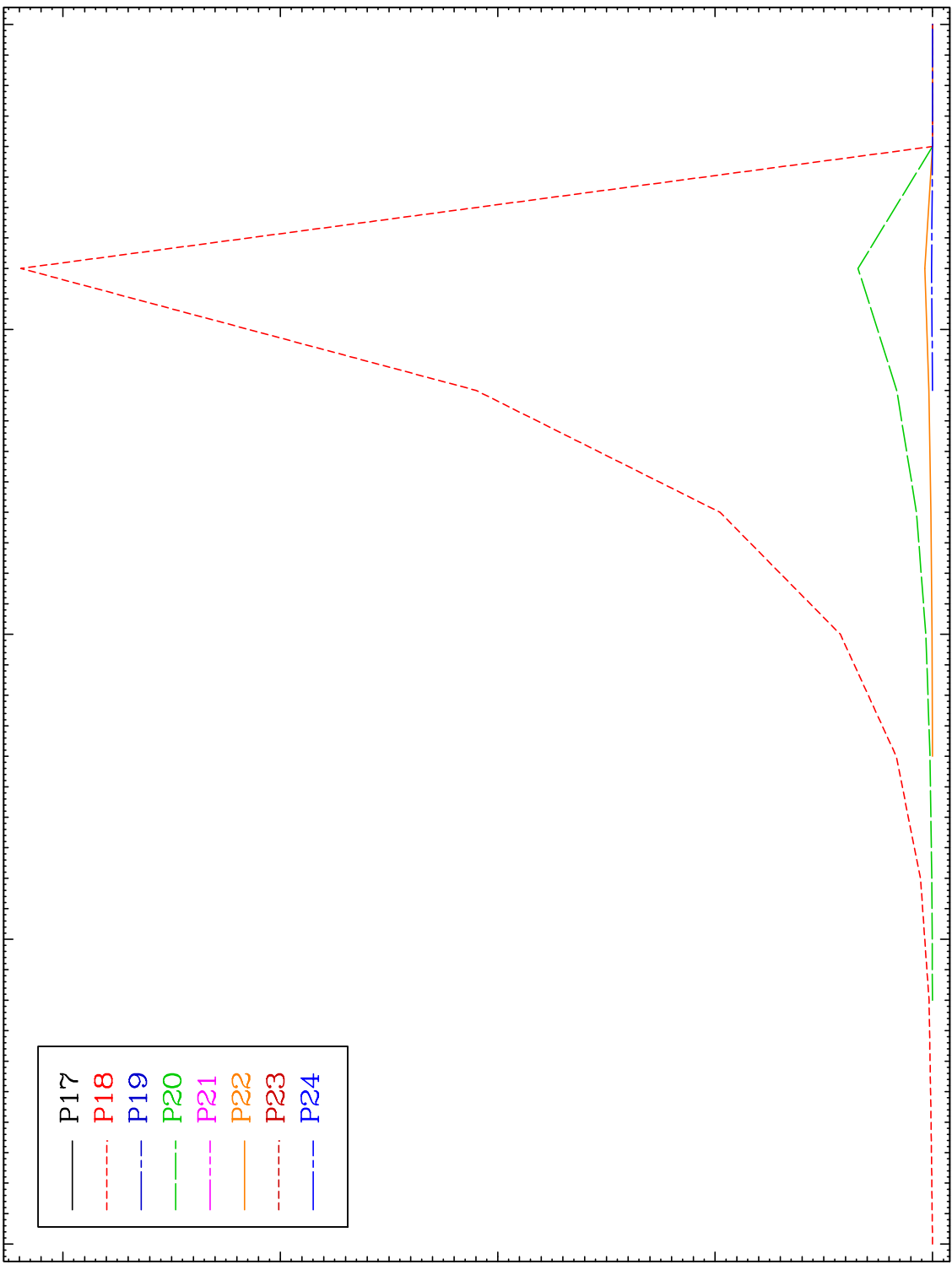
25

30

15

Incident Energy (MeV)

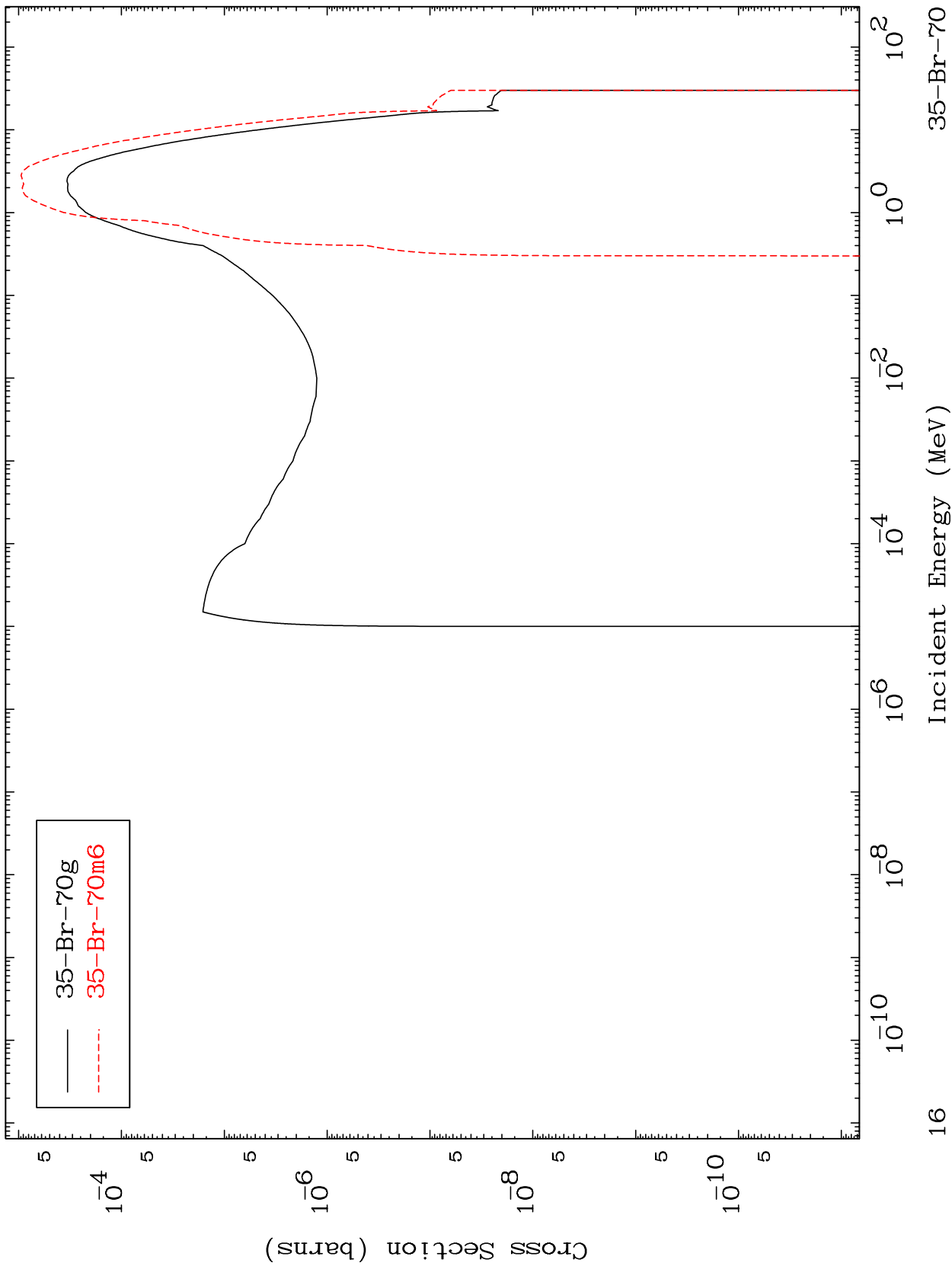
35-Br-70



MAT 3499

35-Br-70

Inelastic
Radionuclide Production Cross Section

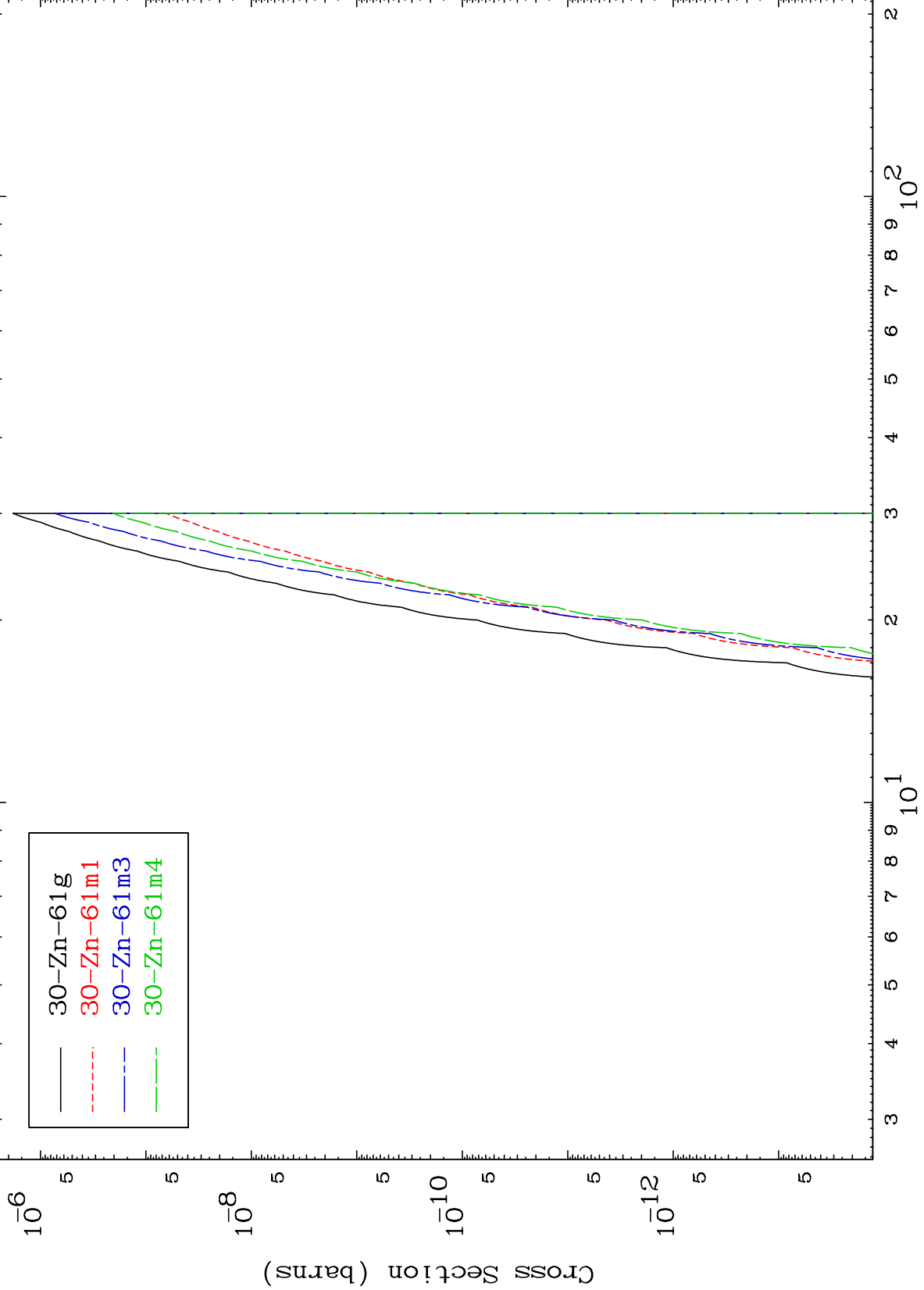


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(n,d) 2α

$^{35}\text{Br-70}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

$^{35}\text{Br-70}$