

Program EVALPLOT
(Version 2021-1)

by

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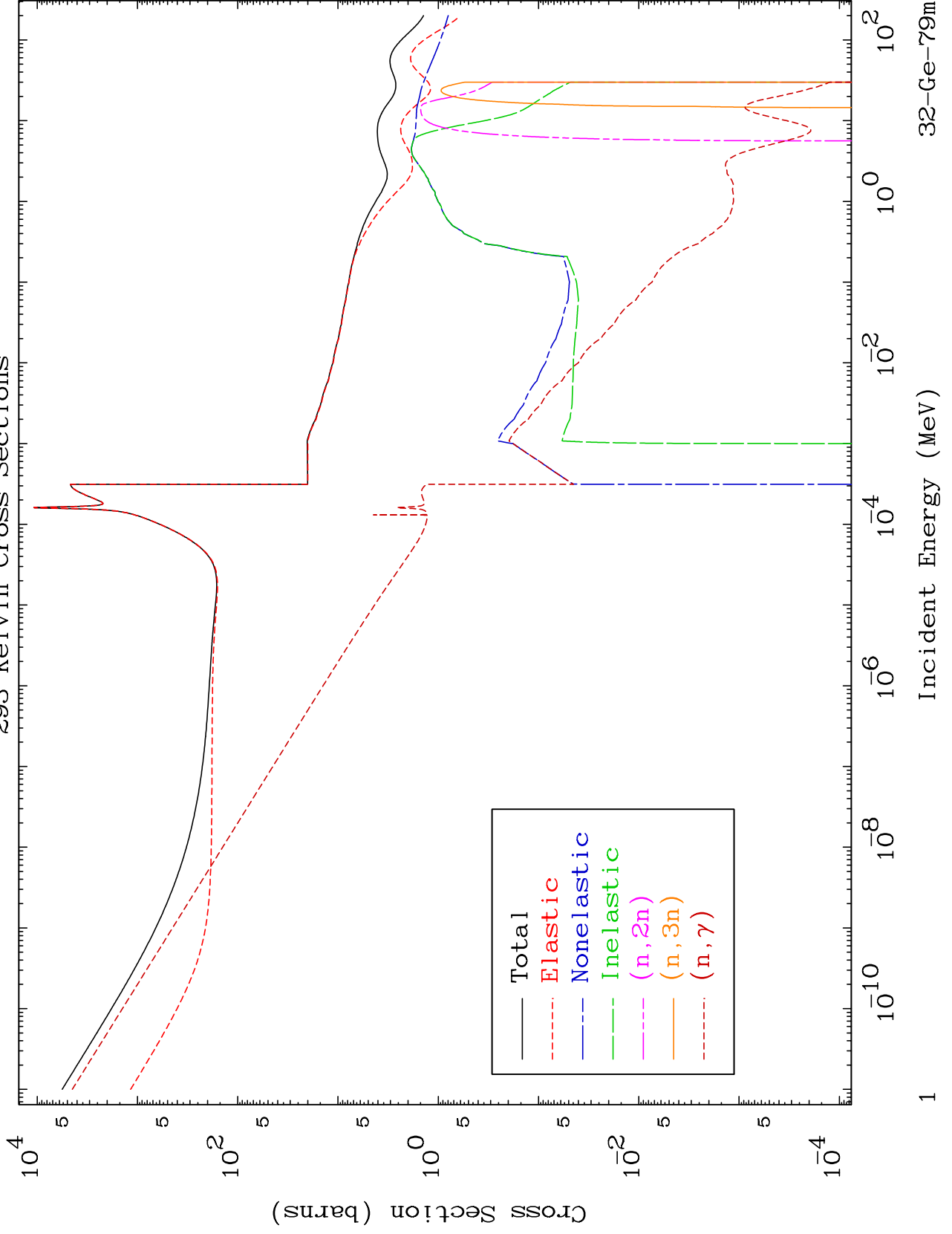
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3253

Neutron Major
293 Kelvin Cross Sections

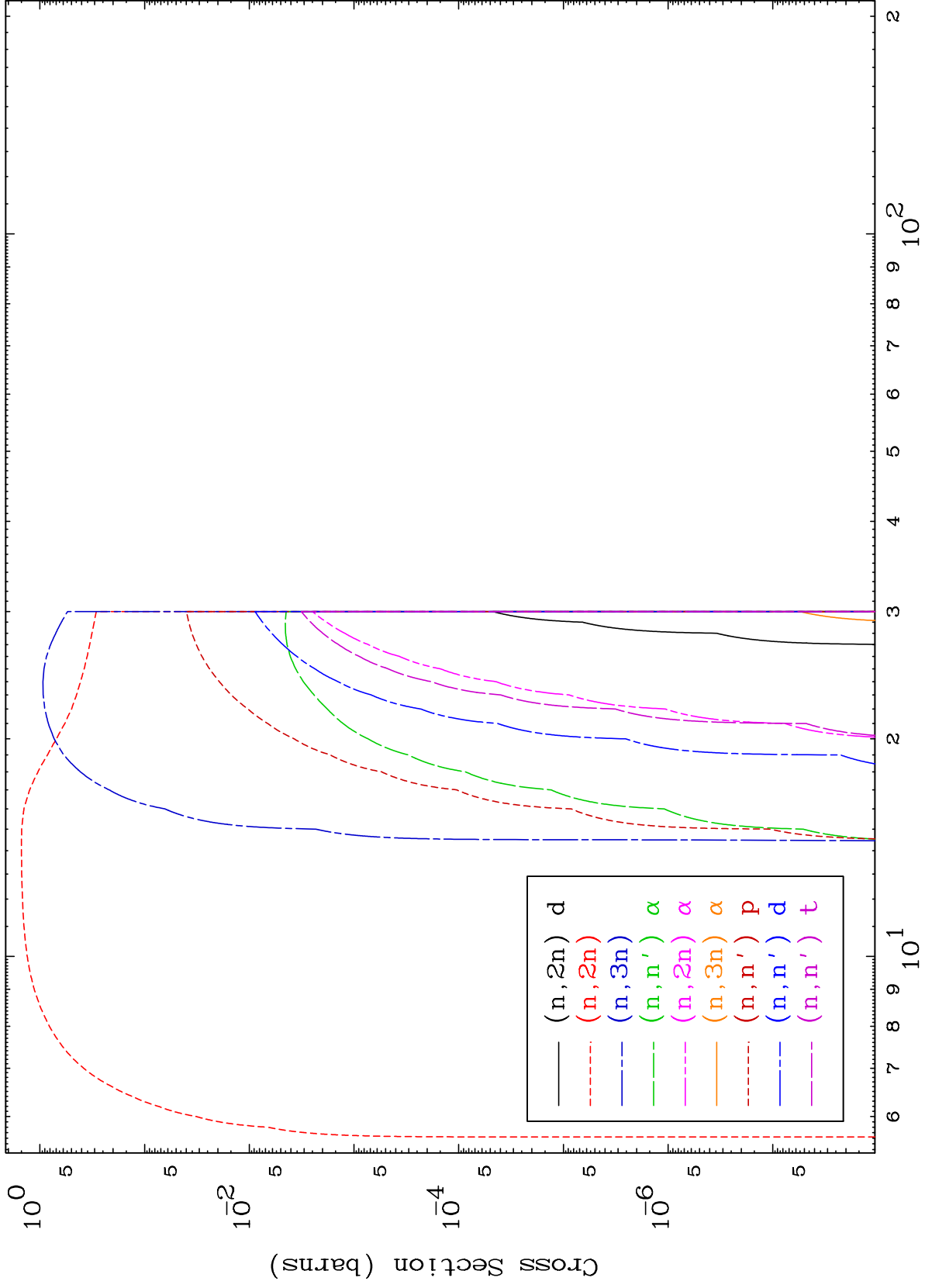
32-Ge-79m



MAT 3253

Neutron Absorption
293 Kelvin Cross Sections

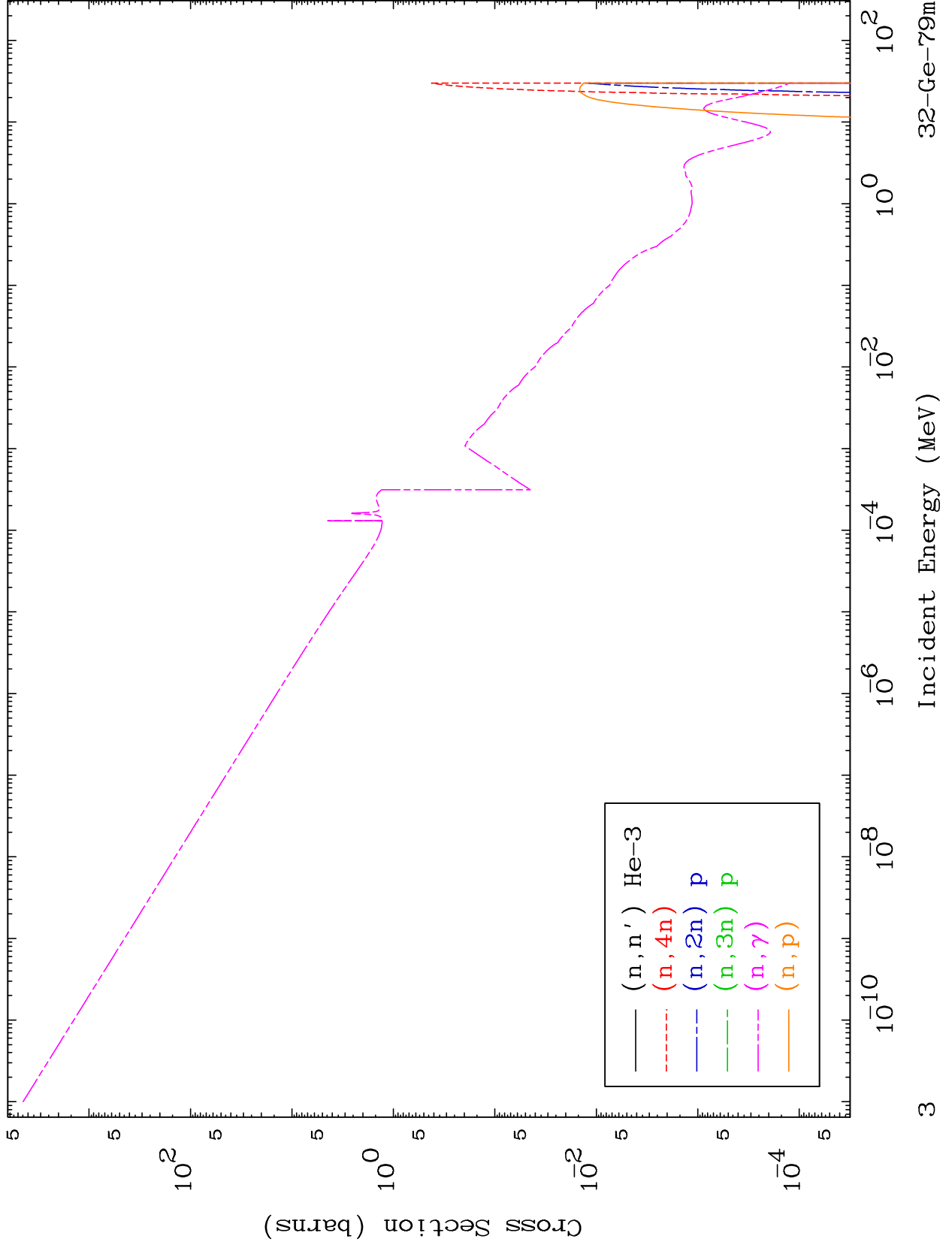
³²Ge-79m



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Neutron Absorption
293 Kelvin Cross Sections

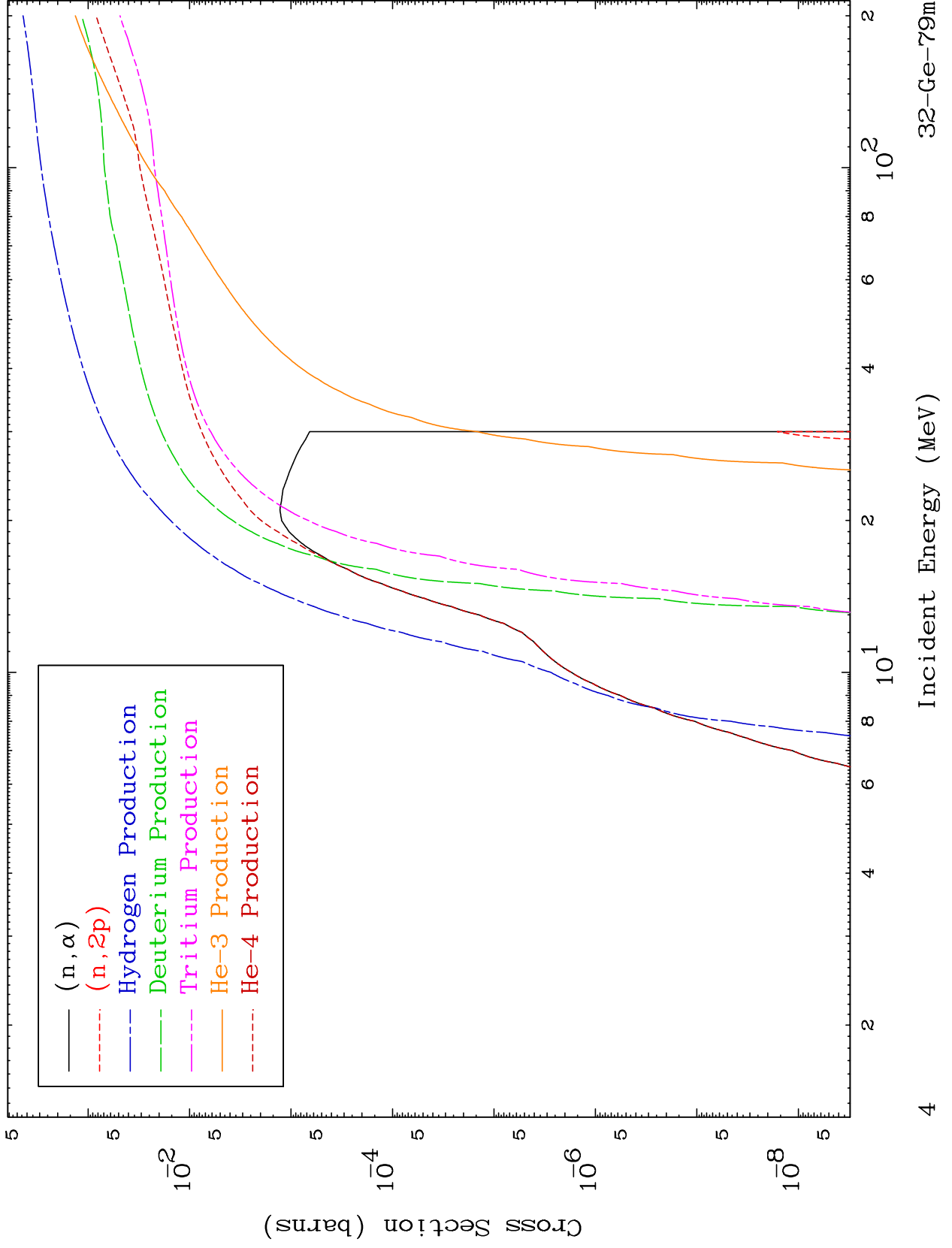
³²Ge-79m



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Neutron Absorption
293 Kelvin Cross Sections

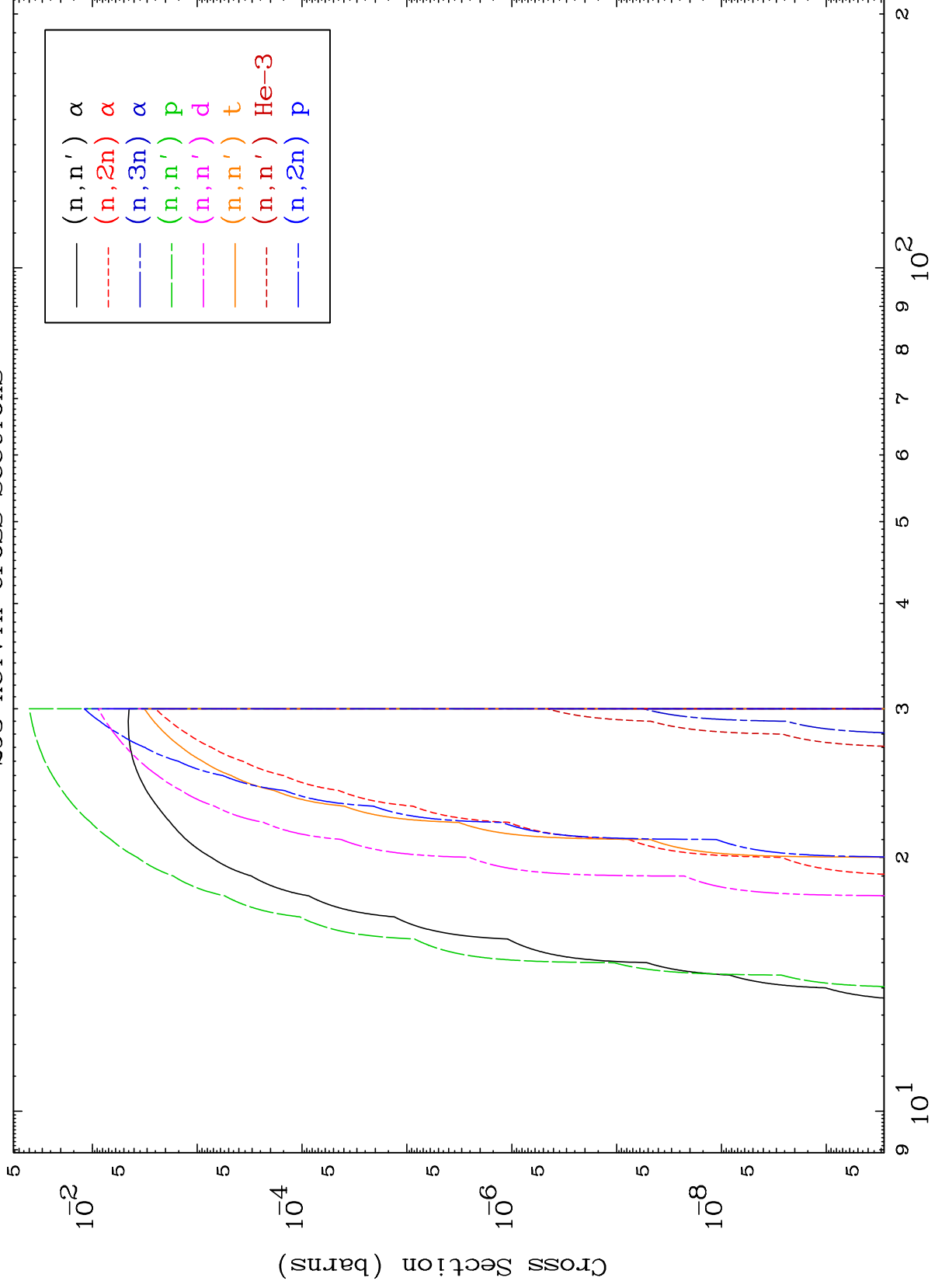
³²Ge-79m



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Charged Particle
293 Kelvin Cross Sections

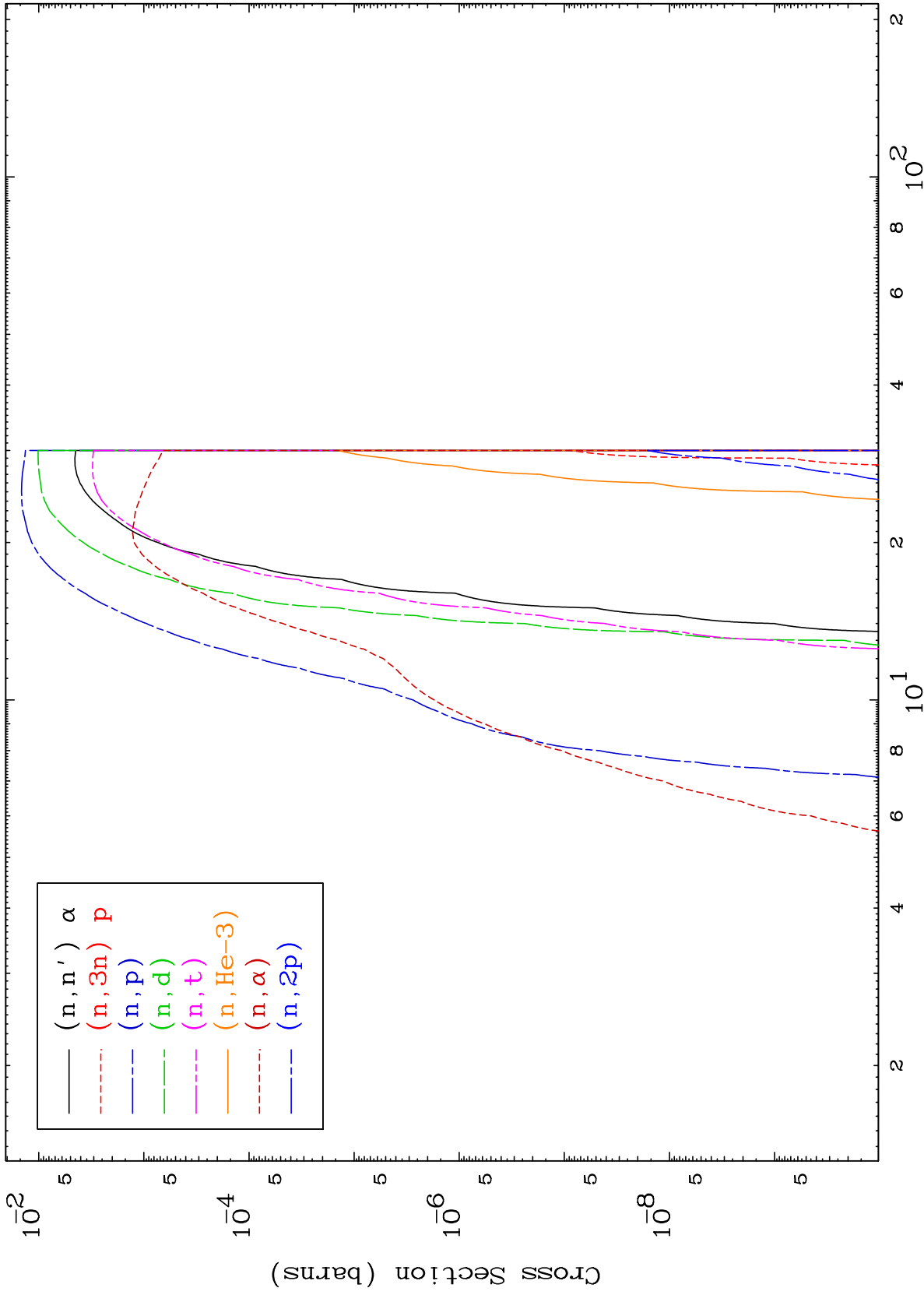
³²Ge-79m



³²Ge-79m

Incident Energy (MeV)

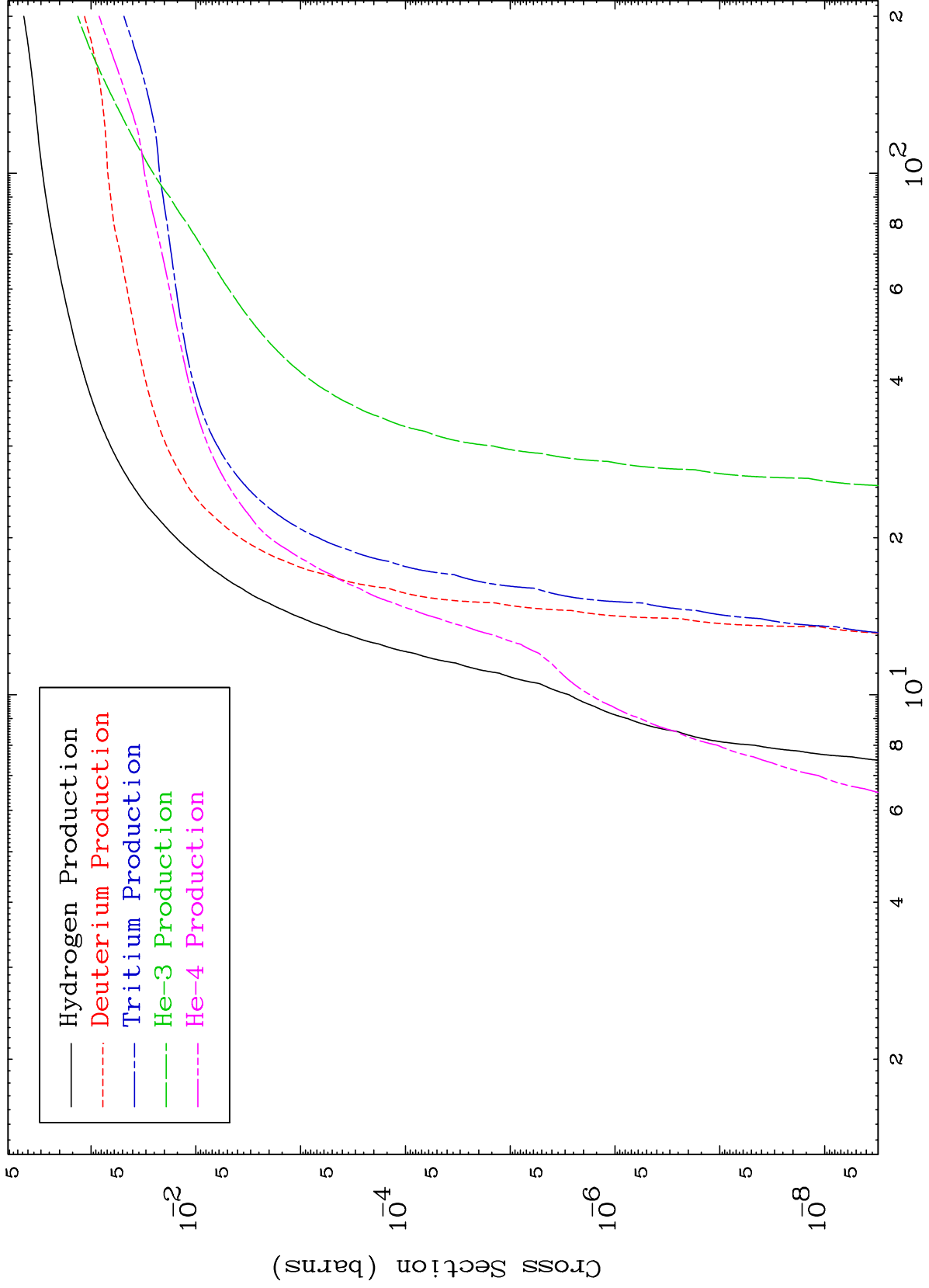
5



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Particle Production
293 Kelvin Cross Sections

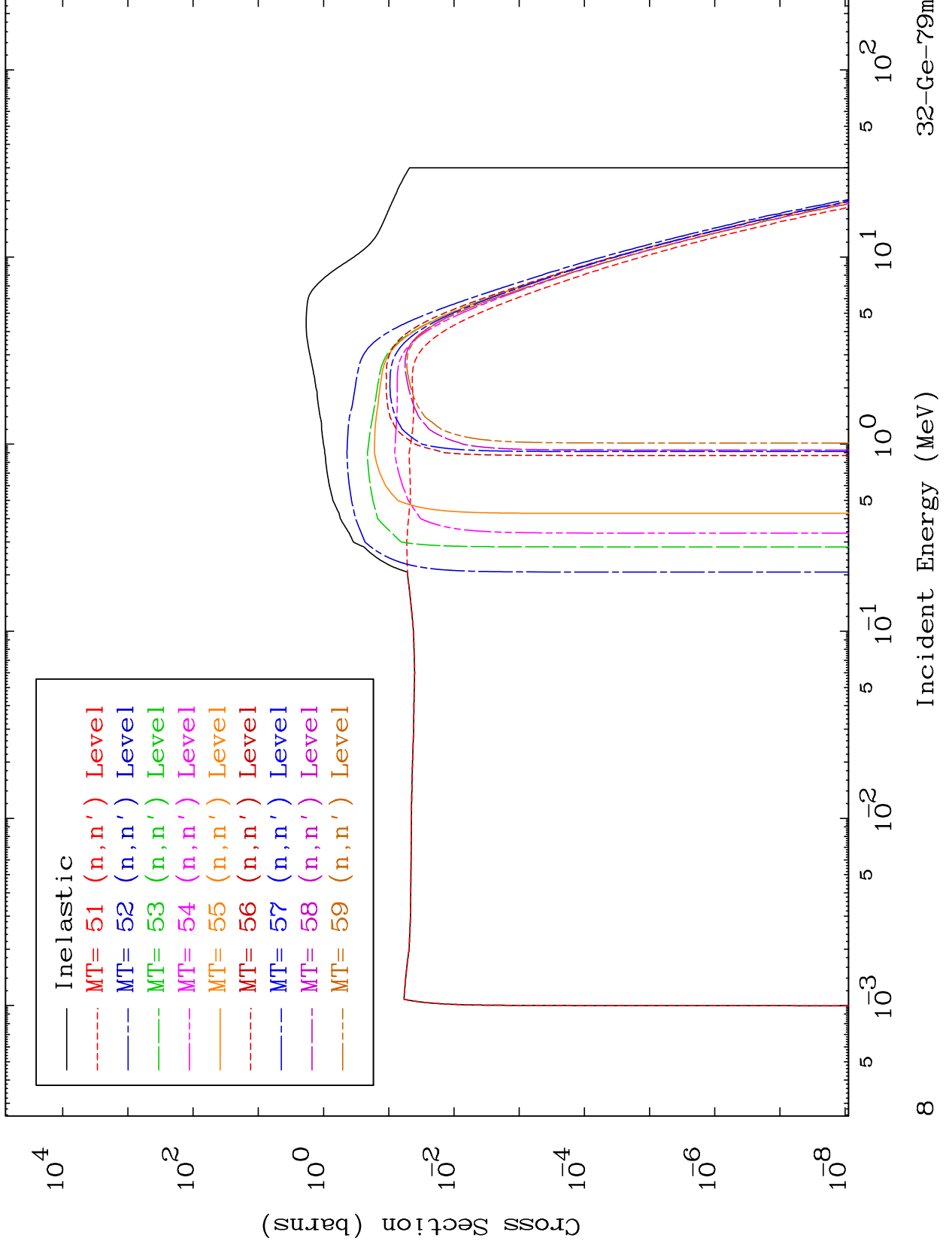
32-Ge-79m

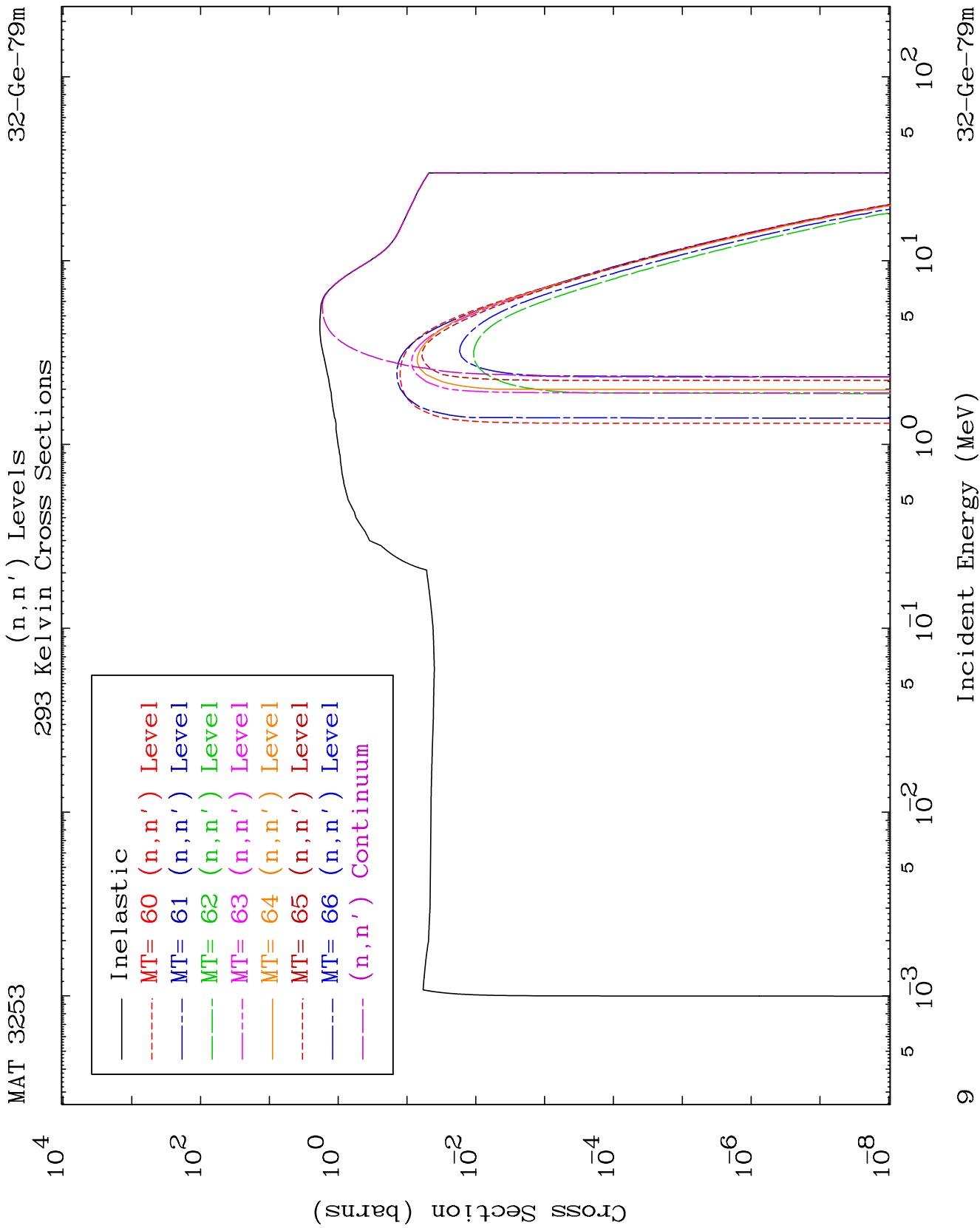


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(n,n') Levels
293 Kelvin Cross Sections

32-Ge-79m

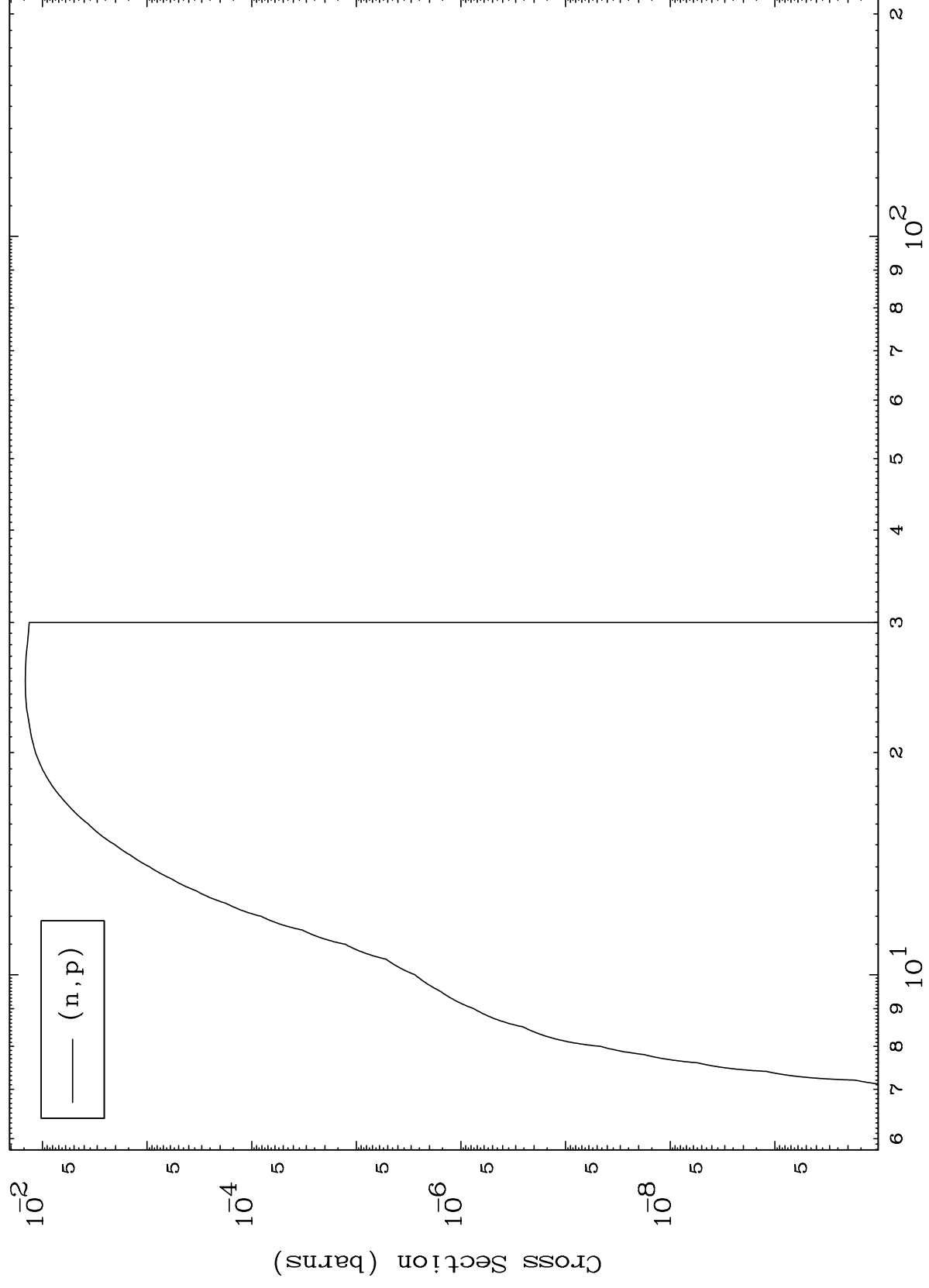




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(n,p) Levels
293 Kelvin Cross Sections

³²-Ge-79m



³²-Ge-79m

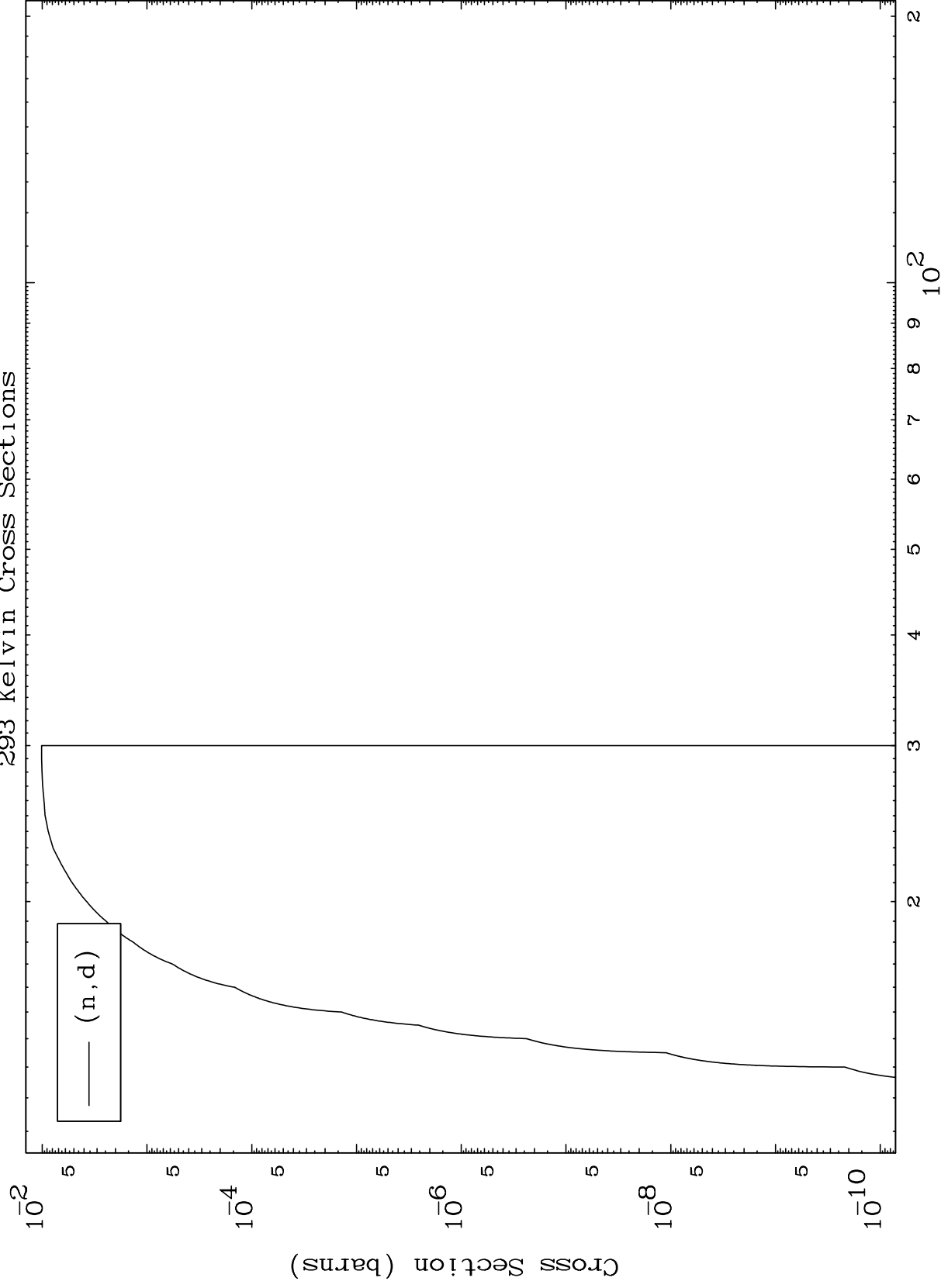
Incident Energy (MeV)

10

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(n,d) Levels
293 Kelvin Cross Sections

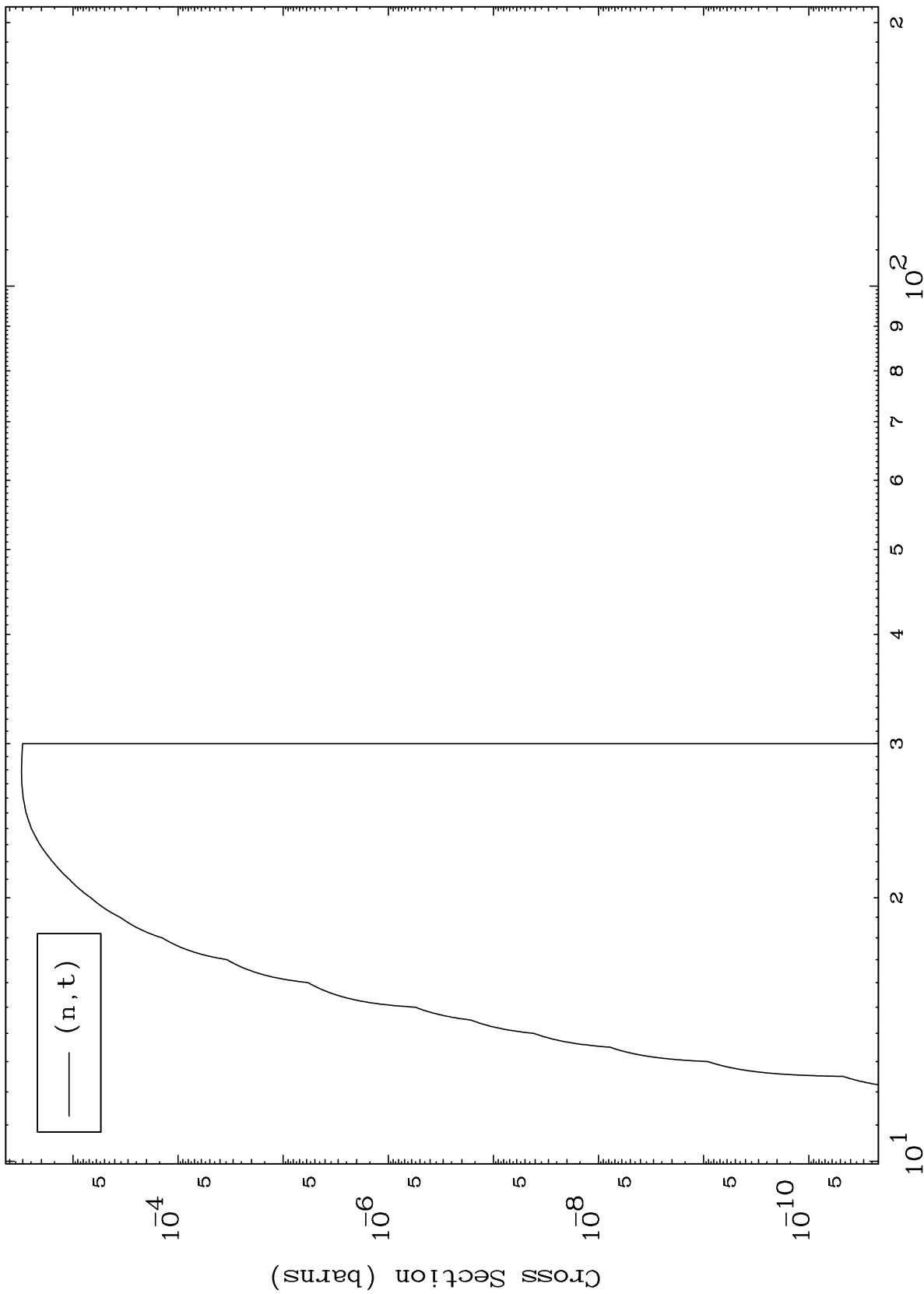
³²Ge-79m



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(n,t) Levels
293 Kelvin Cross Sections

32-Ge-79m



Incident Energy (MeV)

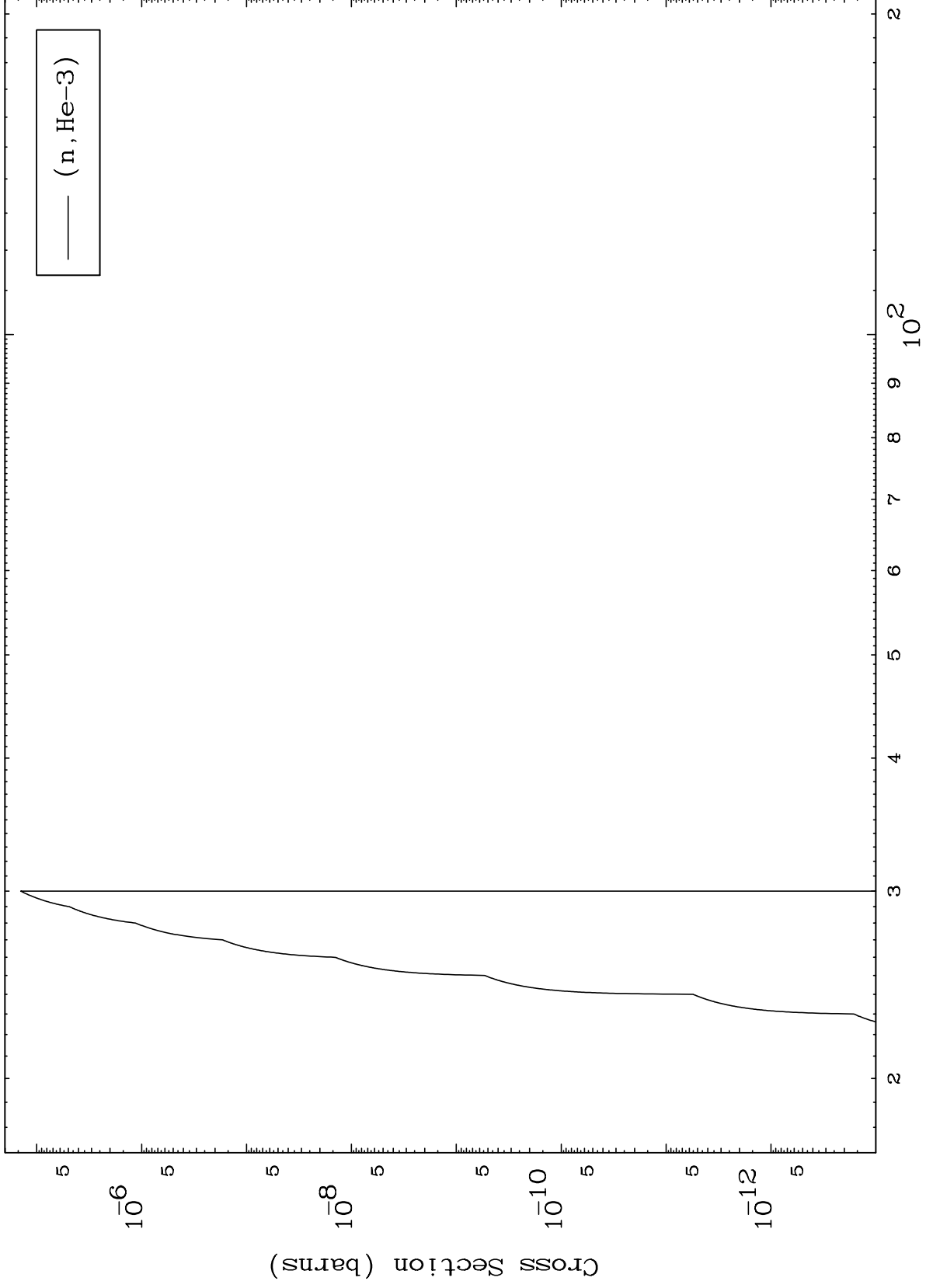
32-Ge-79m

12

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(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-79m



13

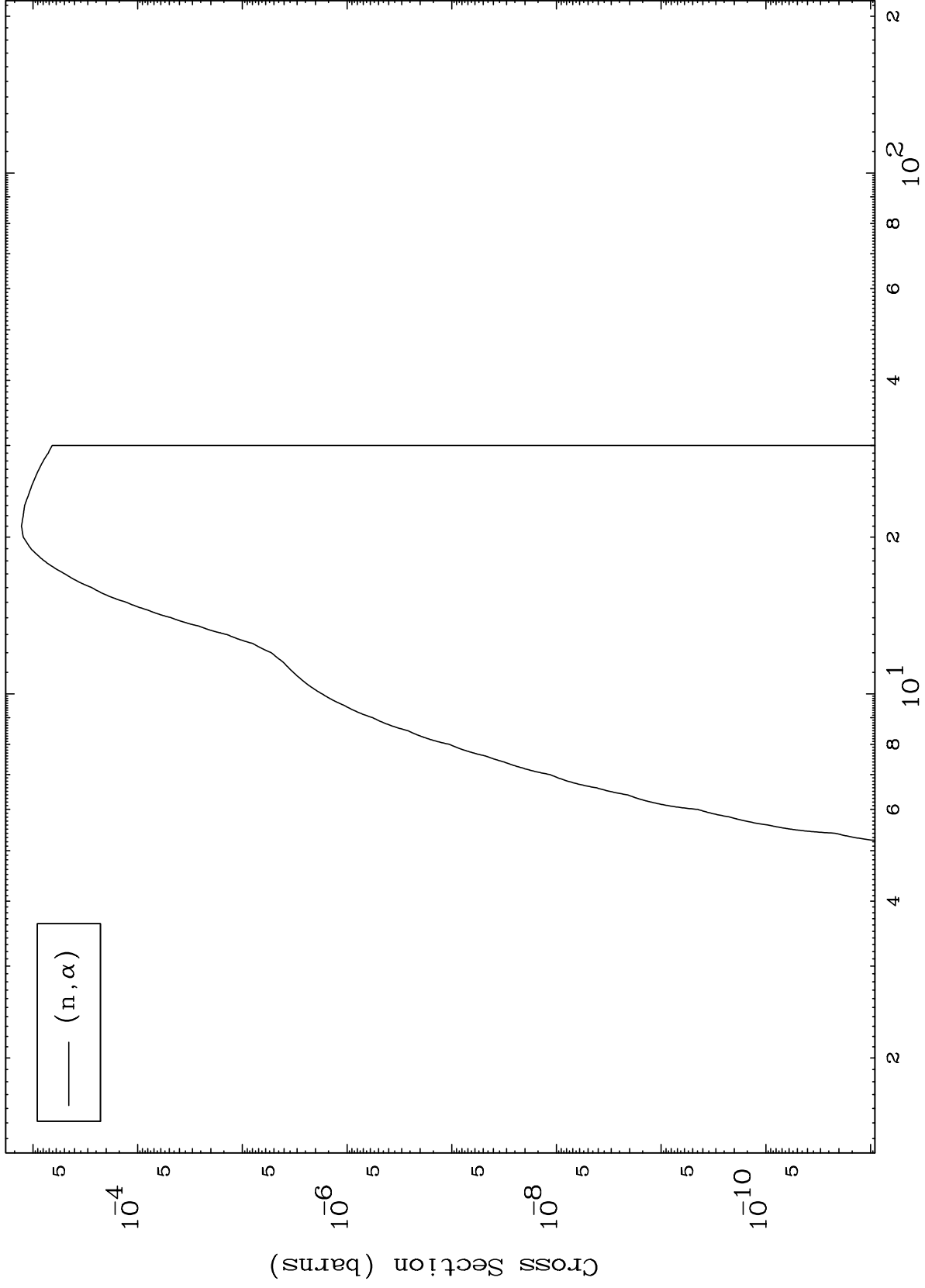
Incident Energy (MeV)

32-Ge-79m

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(n, α) Levels
293 Kelvin Cross Sections

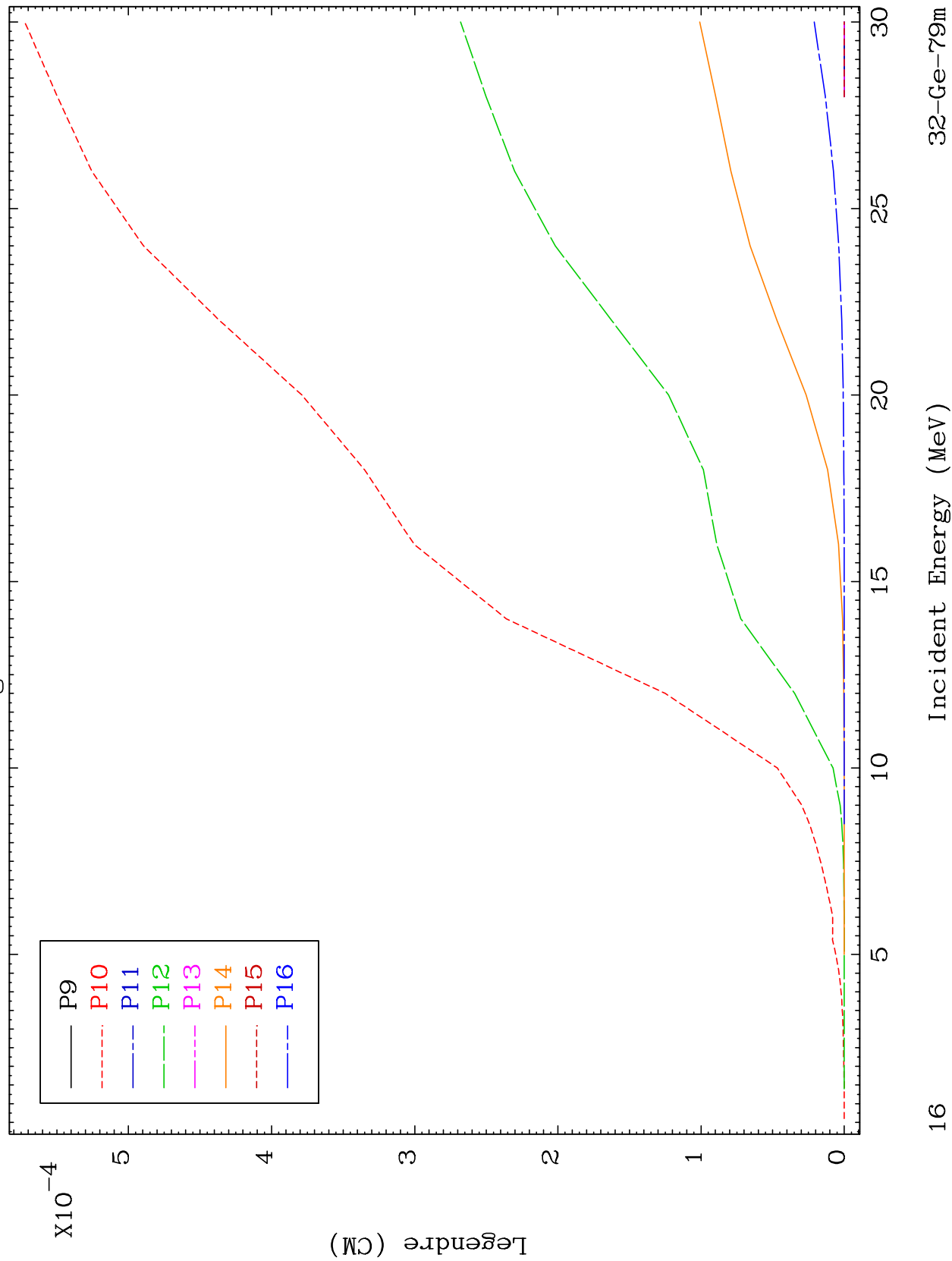
³²Ge-79m



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Elastic Legendre Coefficients

³²Ge-⁷⁹m



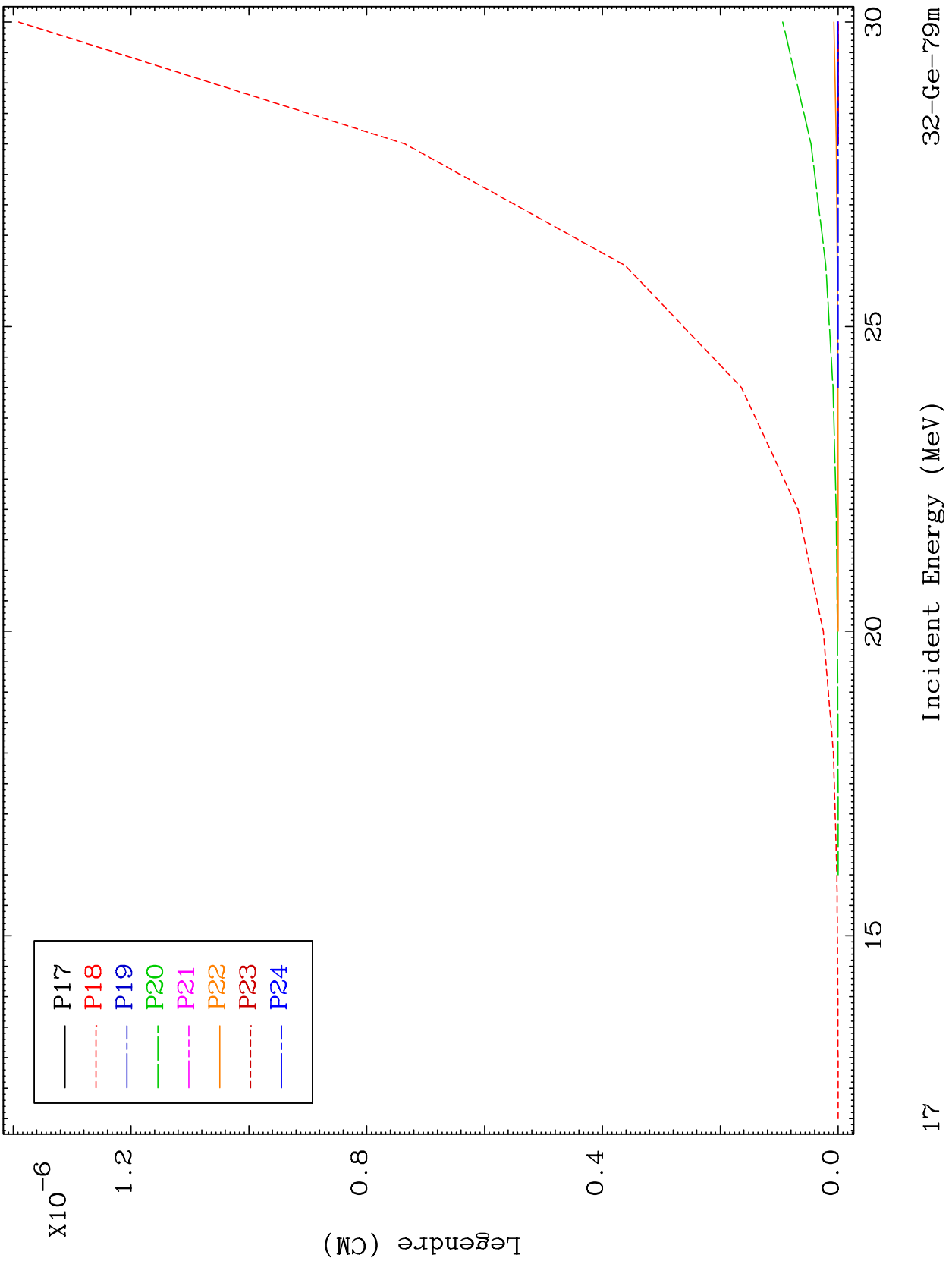
16

³²Ge-⁷⁹m

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Elastic Legendre Coefficients

³²Ge-⁷⁹m



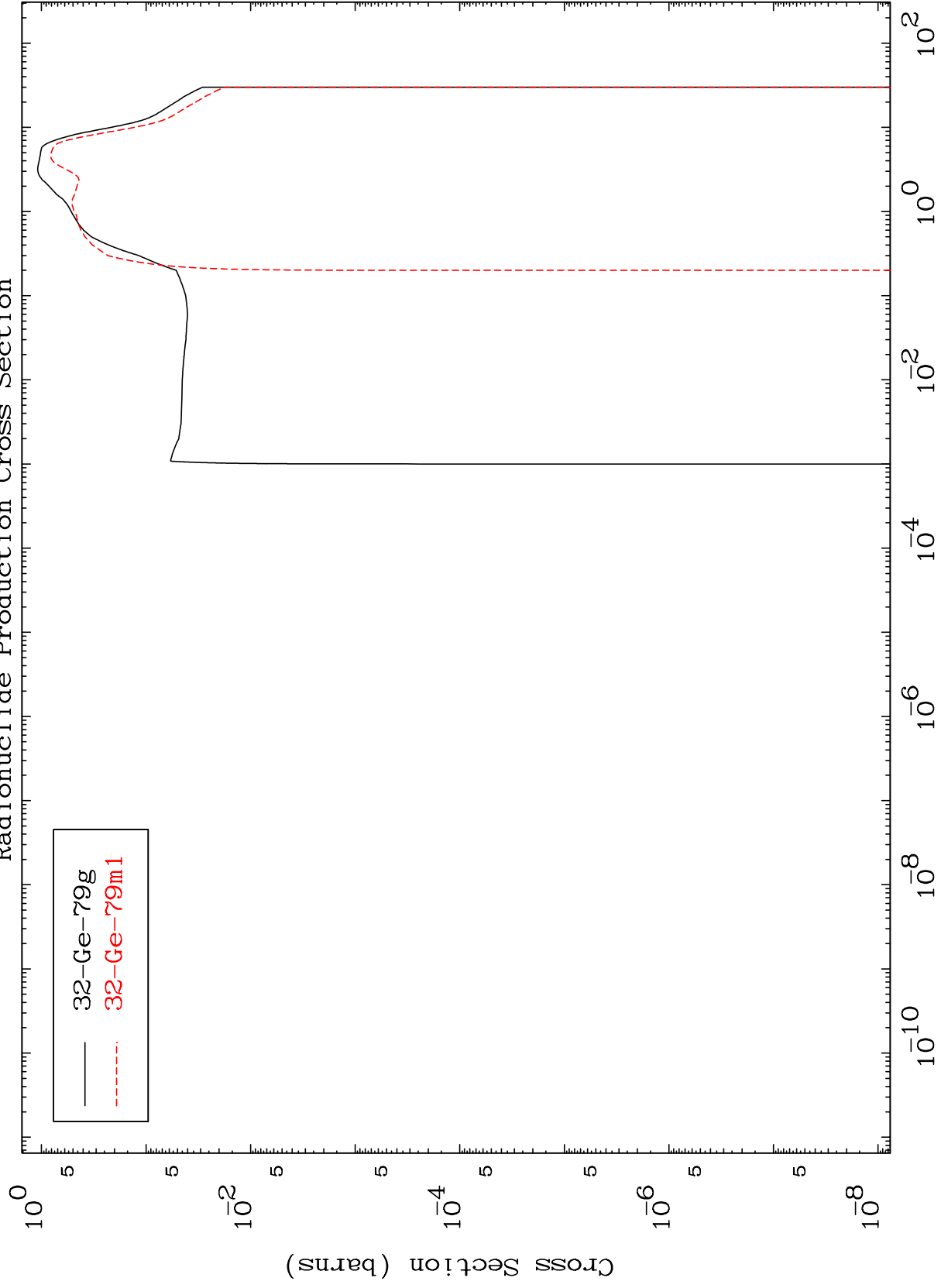
17

³²Ge-⁷⁹m

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Inelastic
Radionuclide Production Cross Section

$^{32}\text{Ge-79m}$

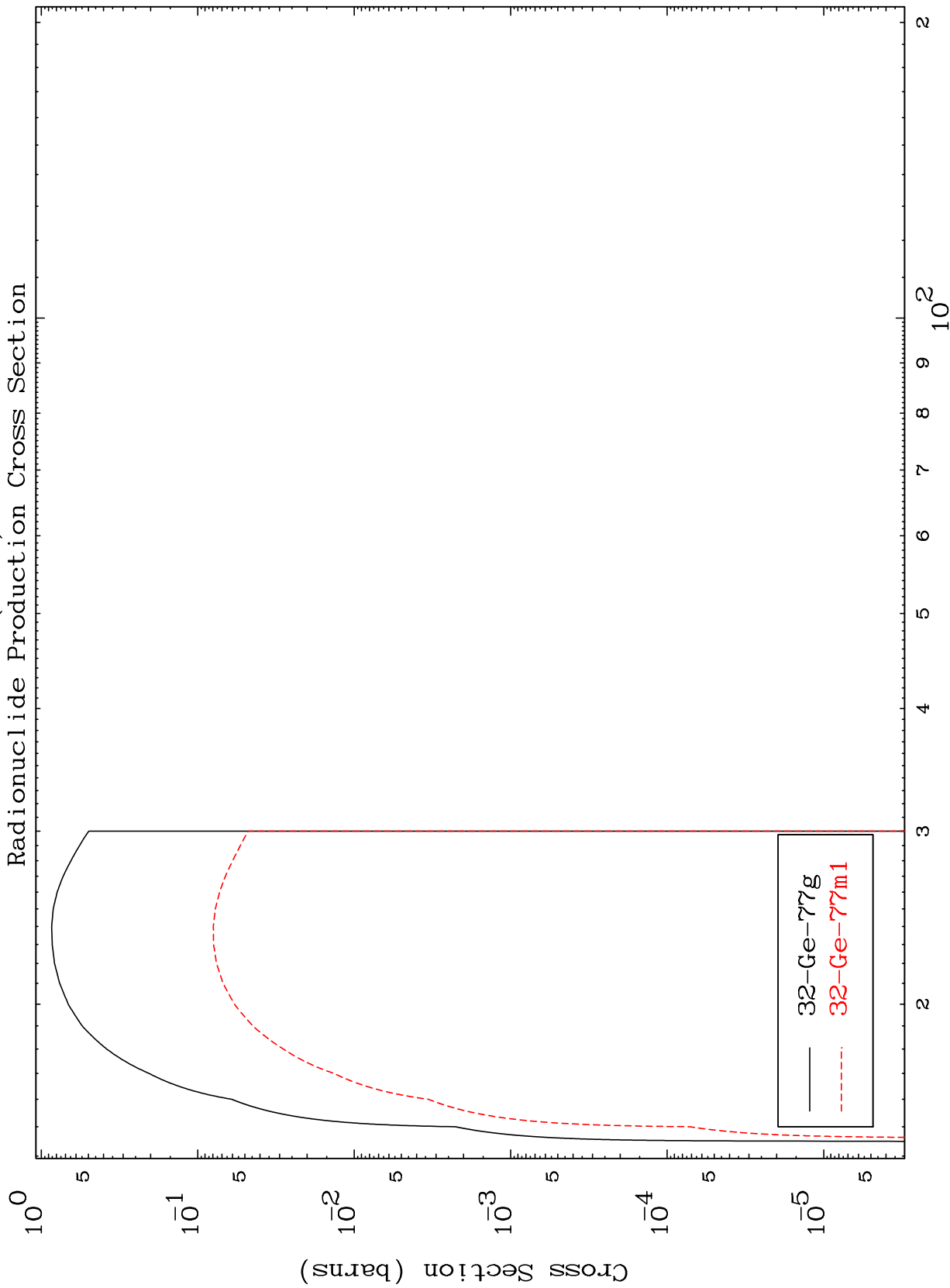


$^{32}\text{Ge-79m}$

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32-Ge-79m

(n,3n)
Radionuclide Production Cross Section



32-Ge-79m

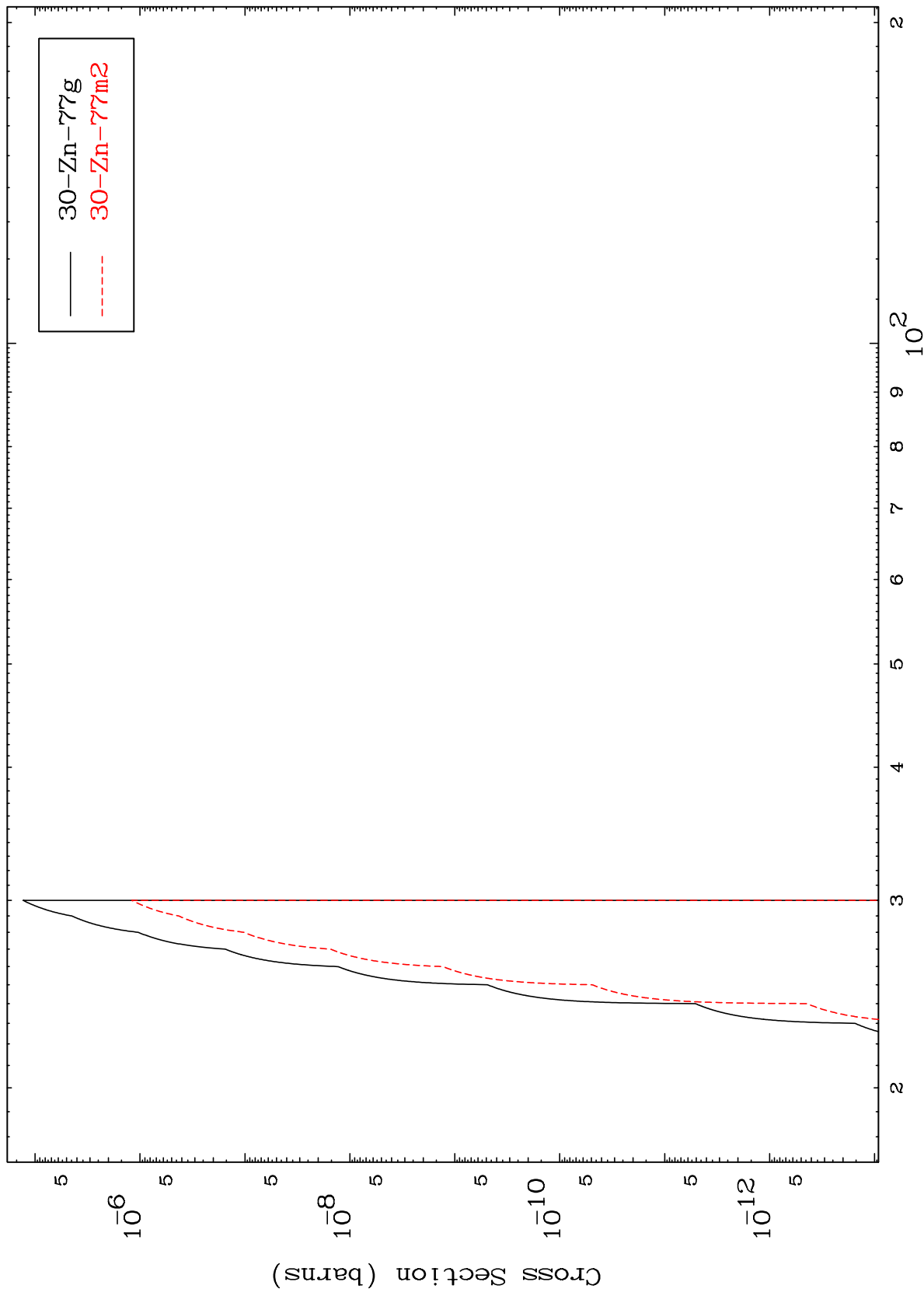
Incident Energy (MeV)

19

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32-Ge-79m

(n,He-3)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

32-Ge-79m