

Program EVALPLOT  
(Version 2021-1)

by

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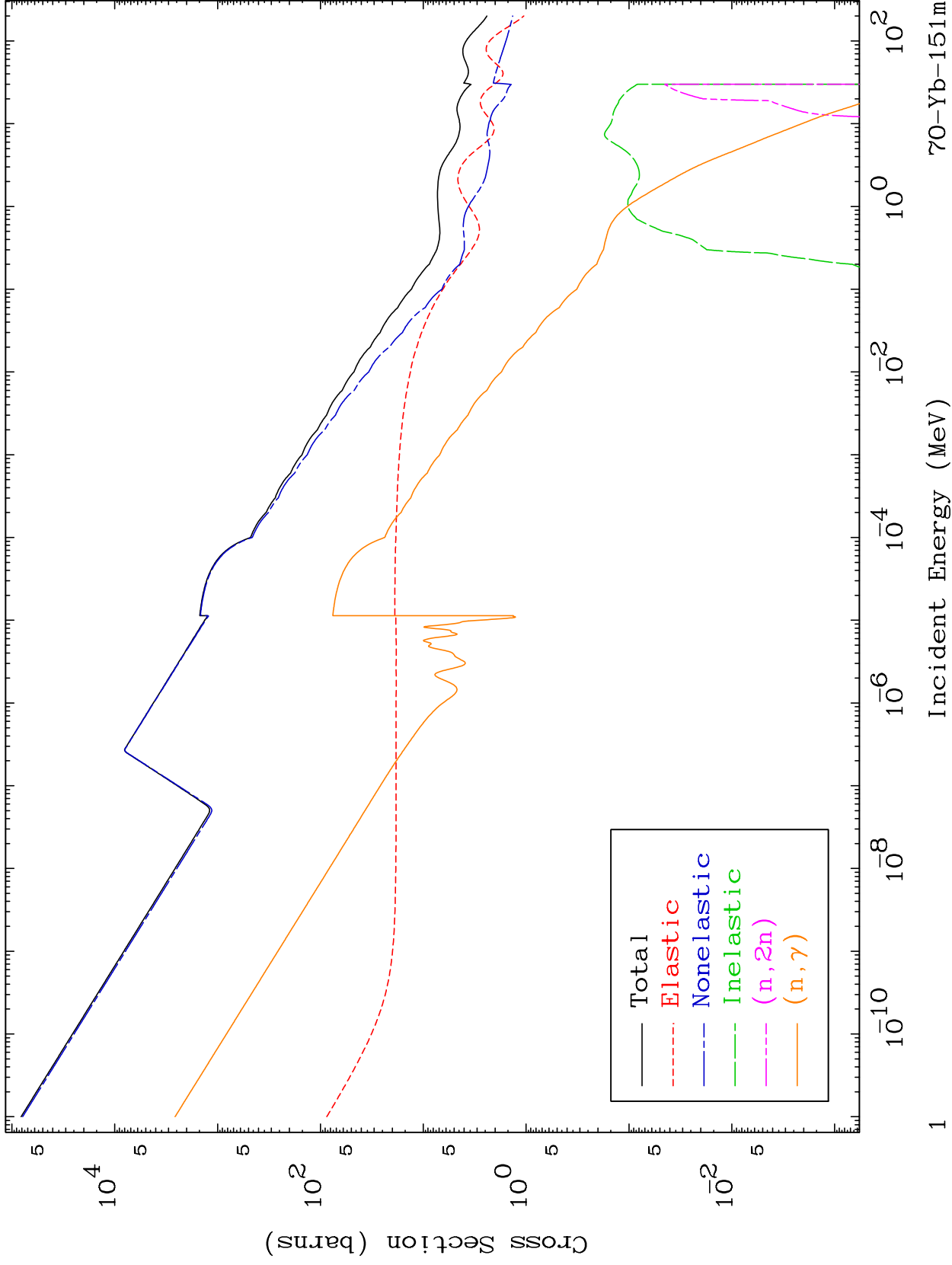
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Press Mouse Button to Start

MAT 6975

Neutron Major  
293 Kelvin Cross Sections

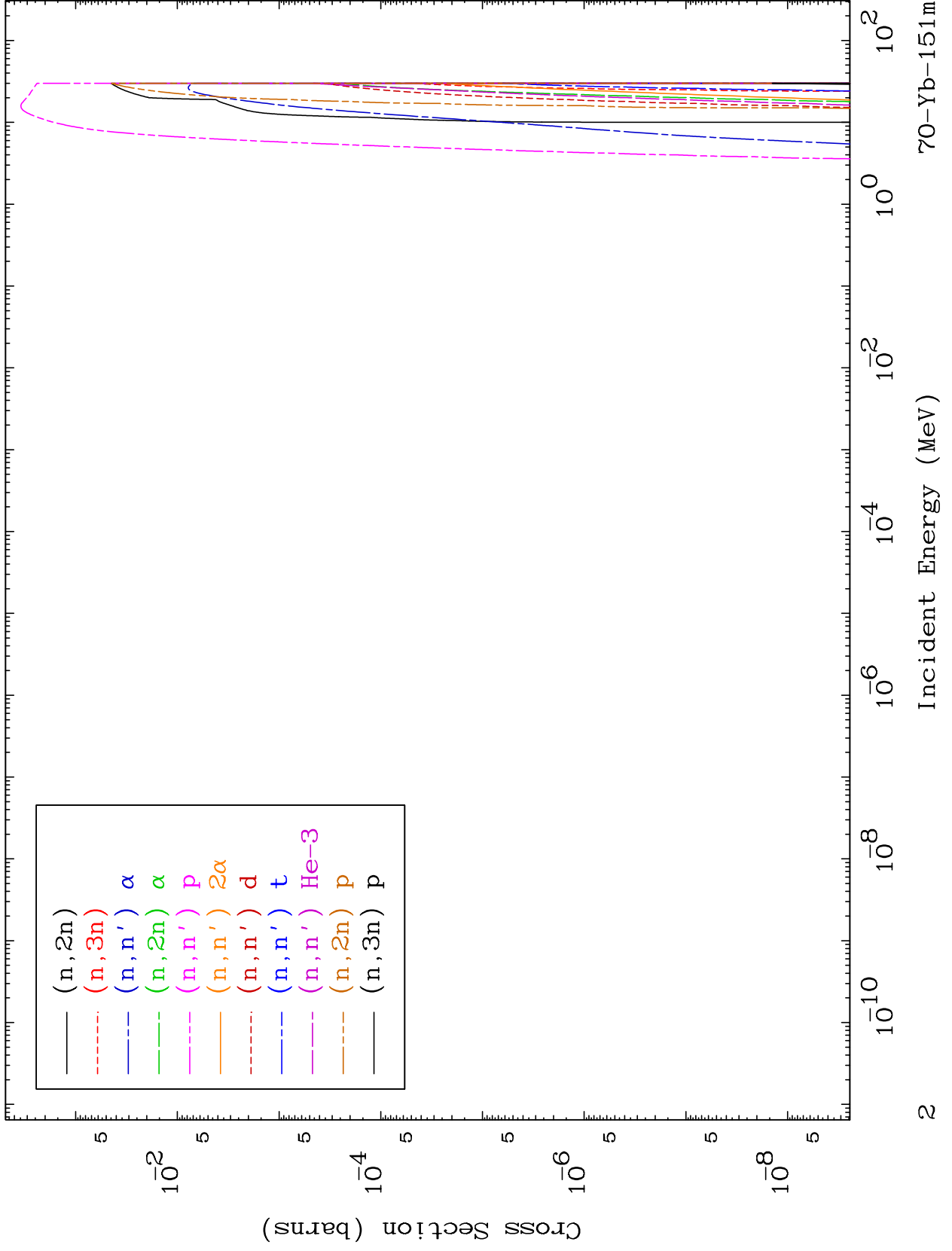
70-Yb-151m



MAT 6975

Neutron Absorption  
293 Kelvin Cross Sections

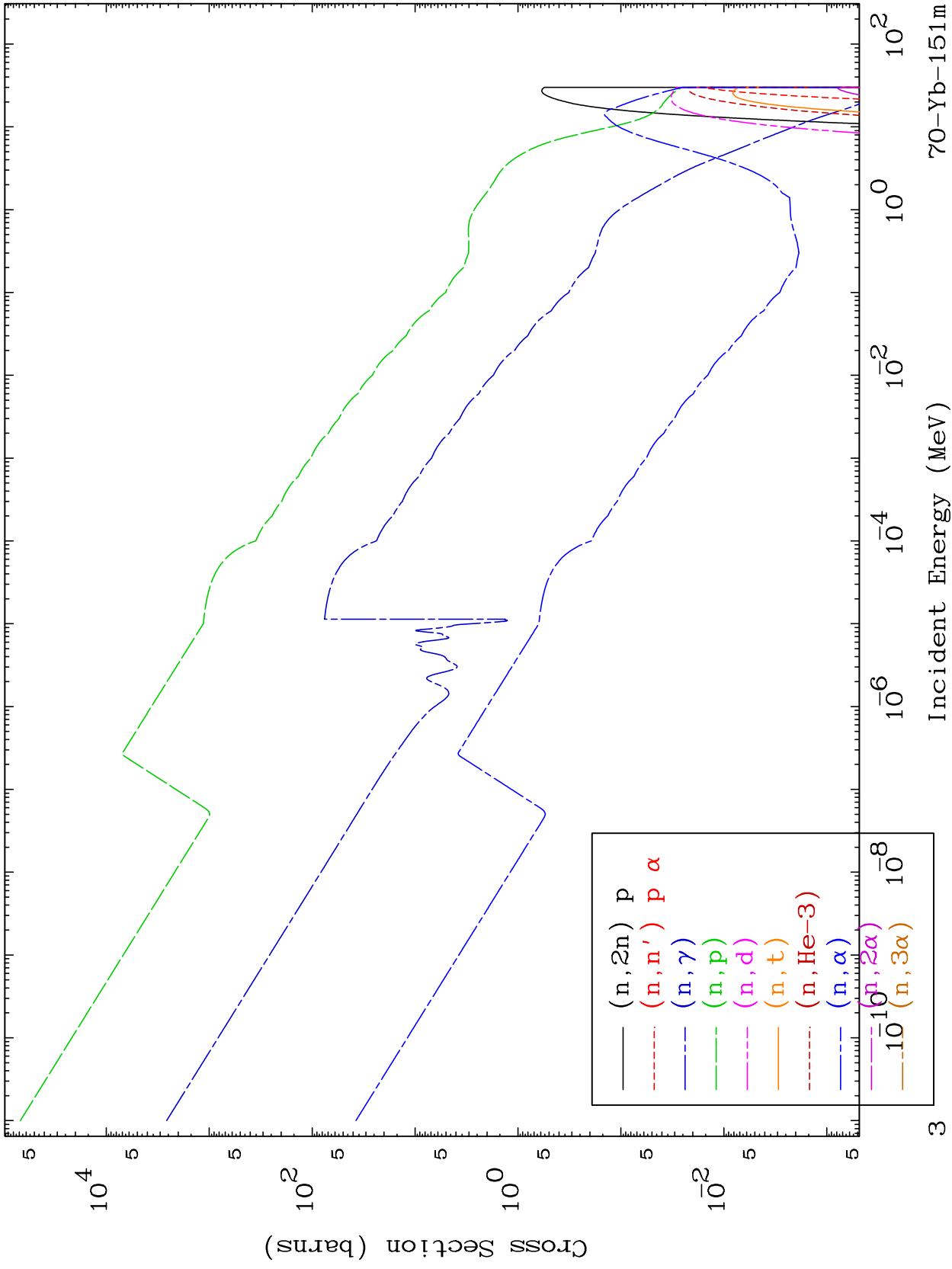
70-Yb-151m



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Neutron Absorption  
293 Kelvin Cross Sections

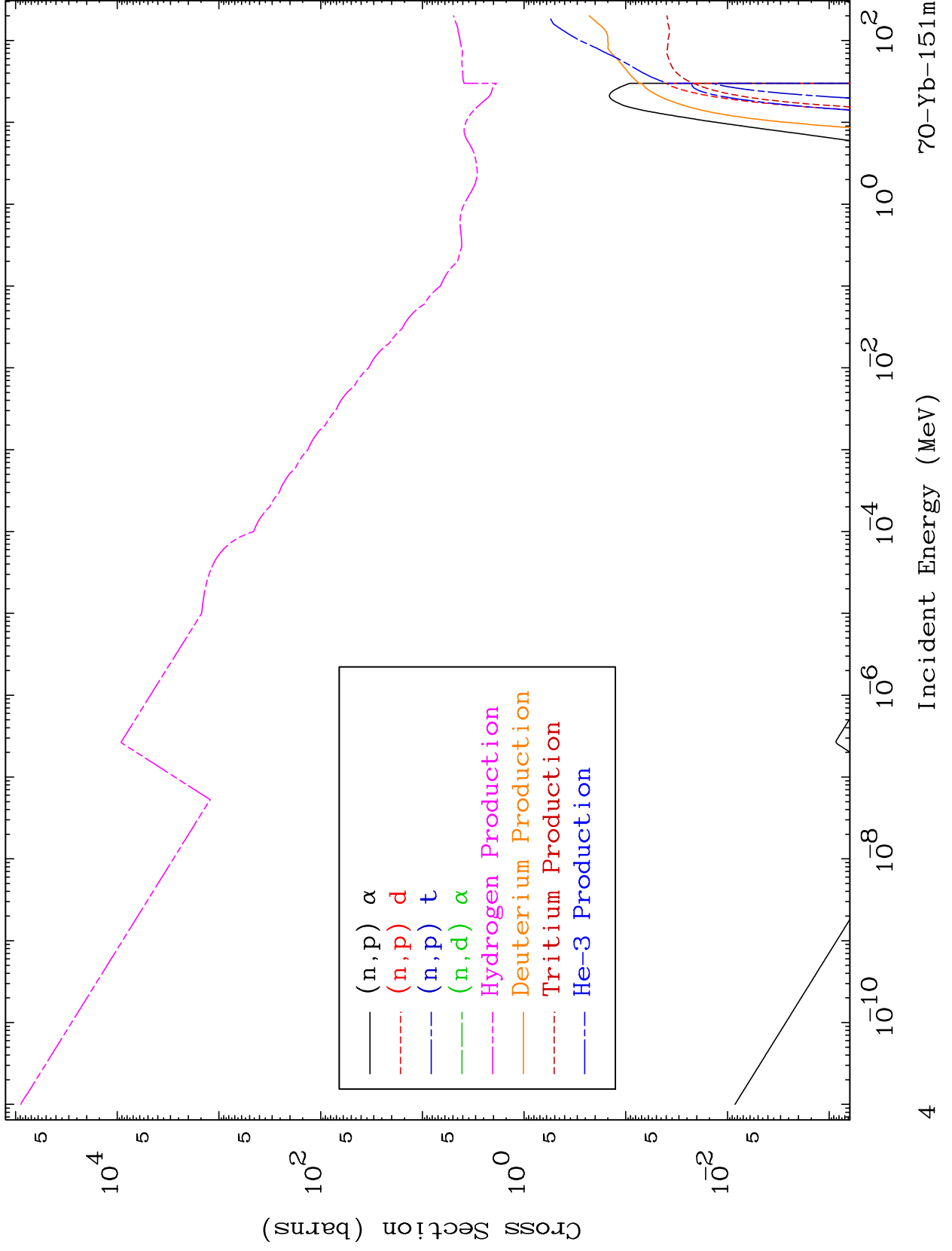
70-Yb-151m



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Neutron Absorption  
293 Kelvin Cross Sections

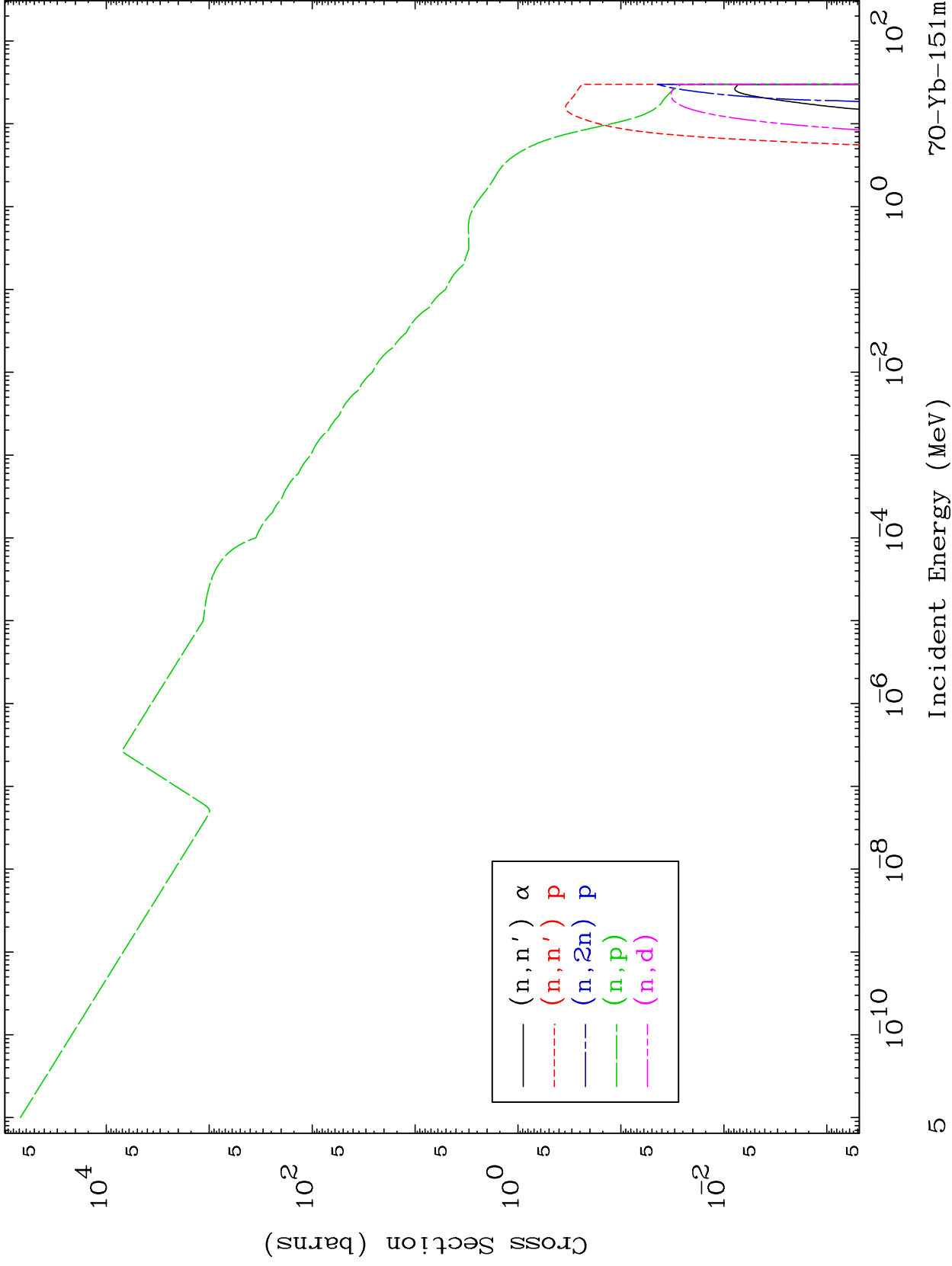
70-Yb-151m

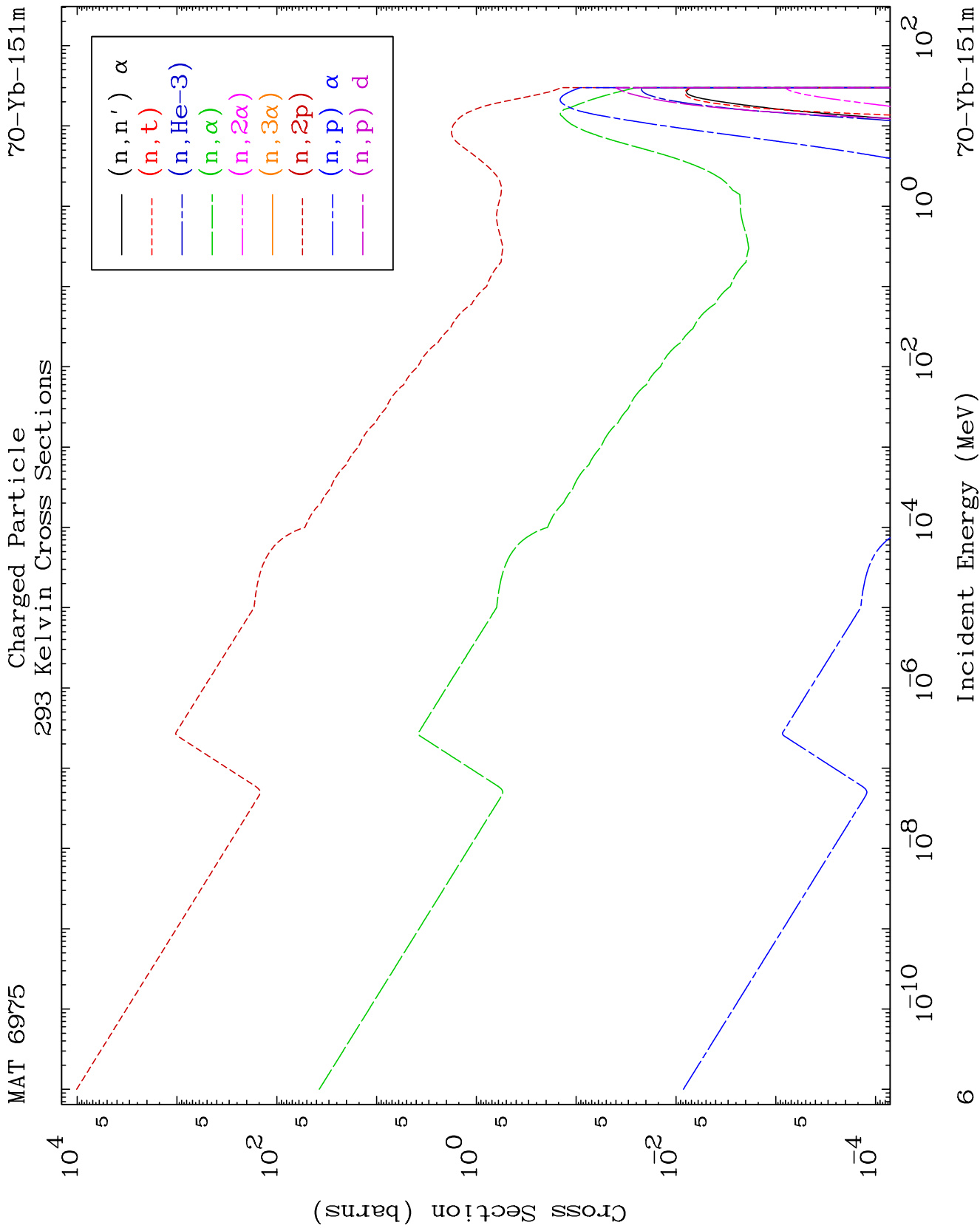


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Charged Particle  
293 Kelvin Cross Sections

70-Yb-151m

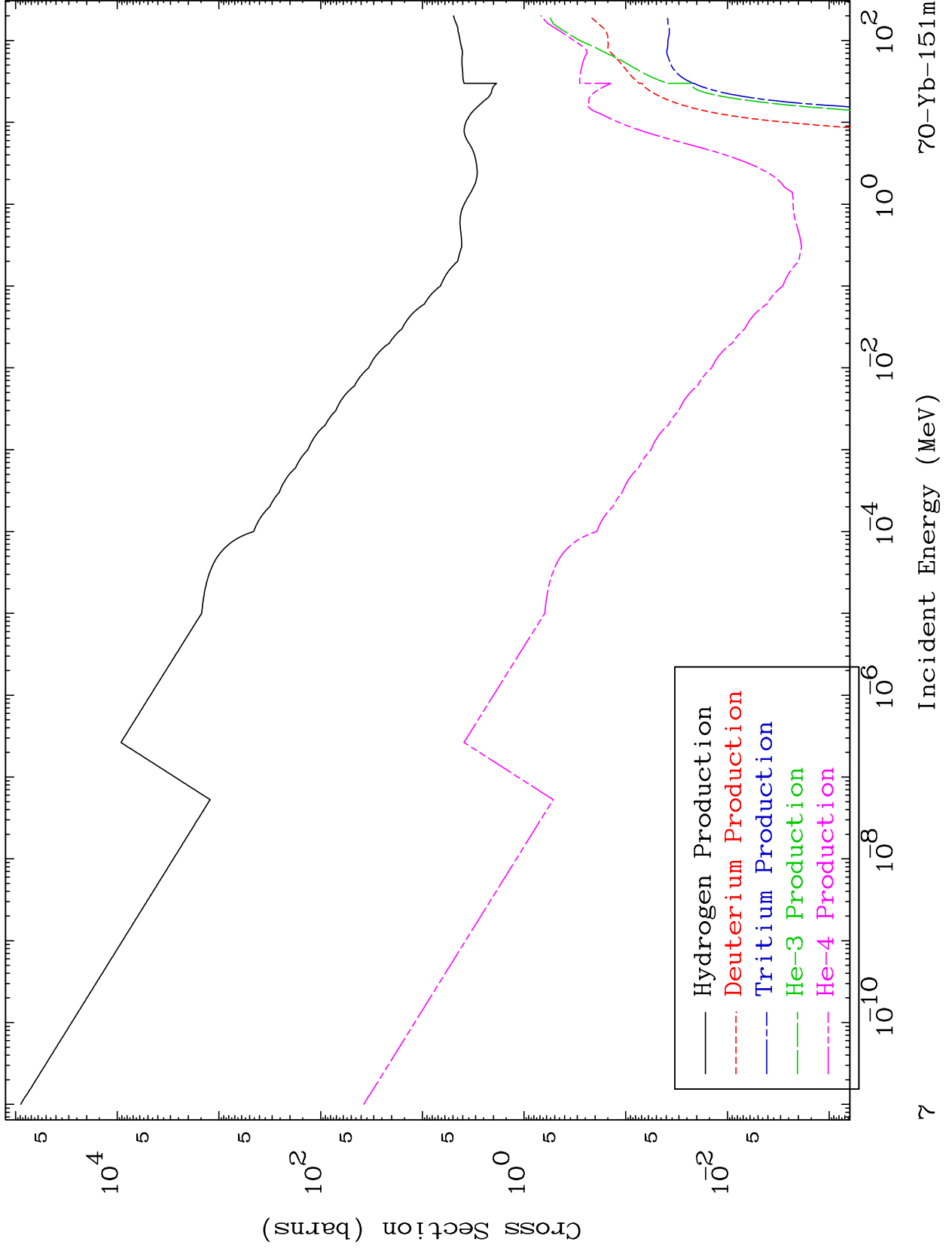




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Particle Production  
293 Kelvin Cross Sections

70-Yb-151m

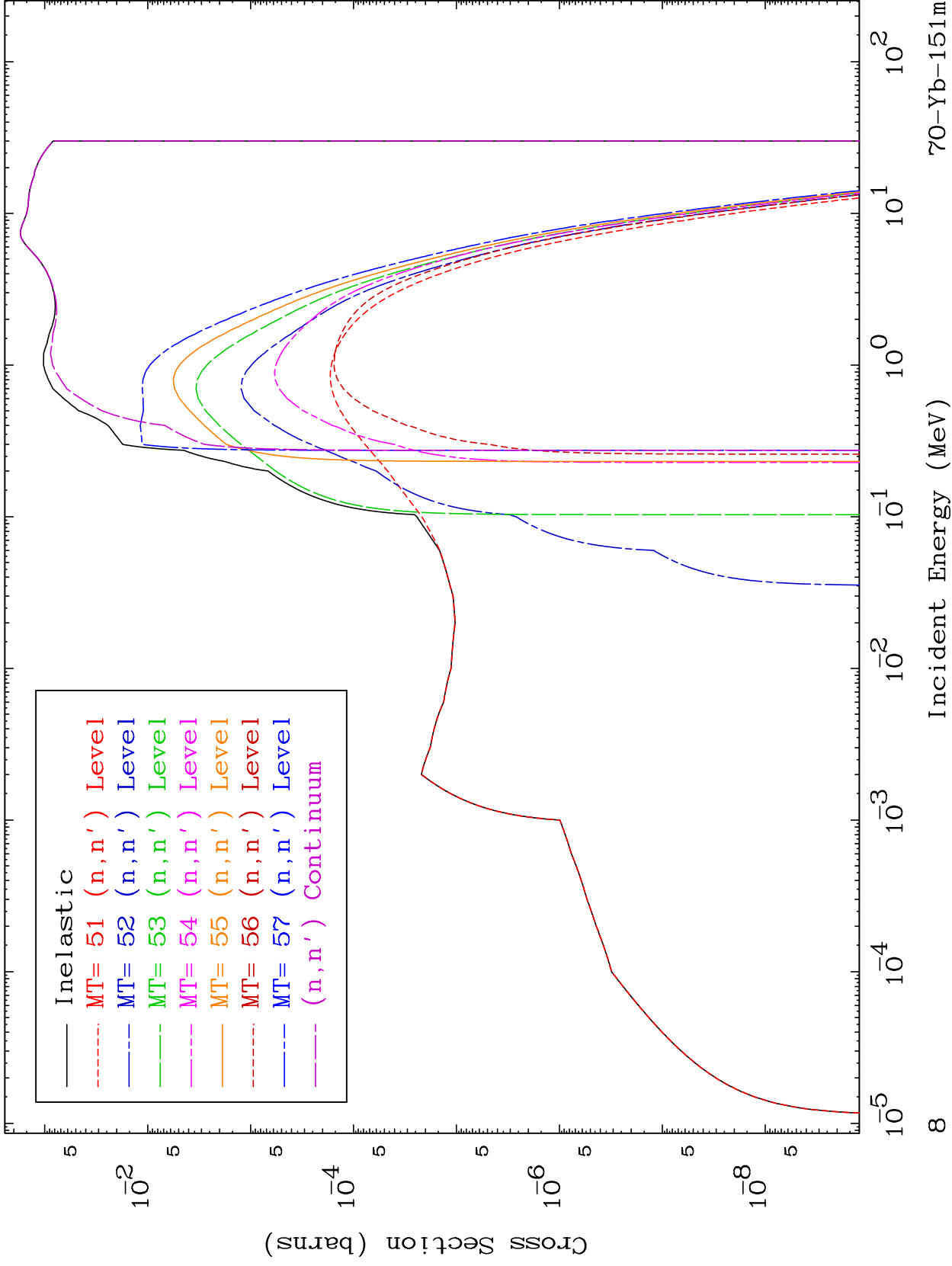




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293 Kelvin Cross Sections

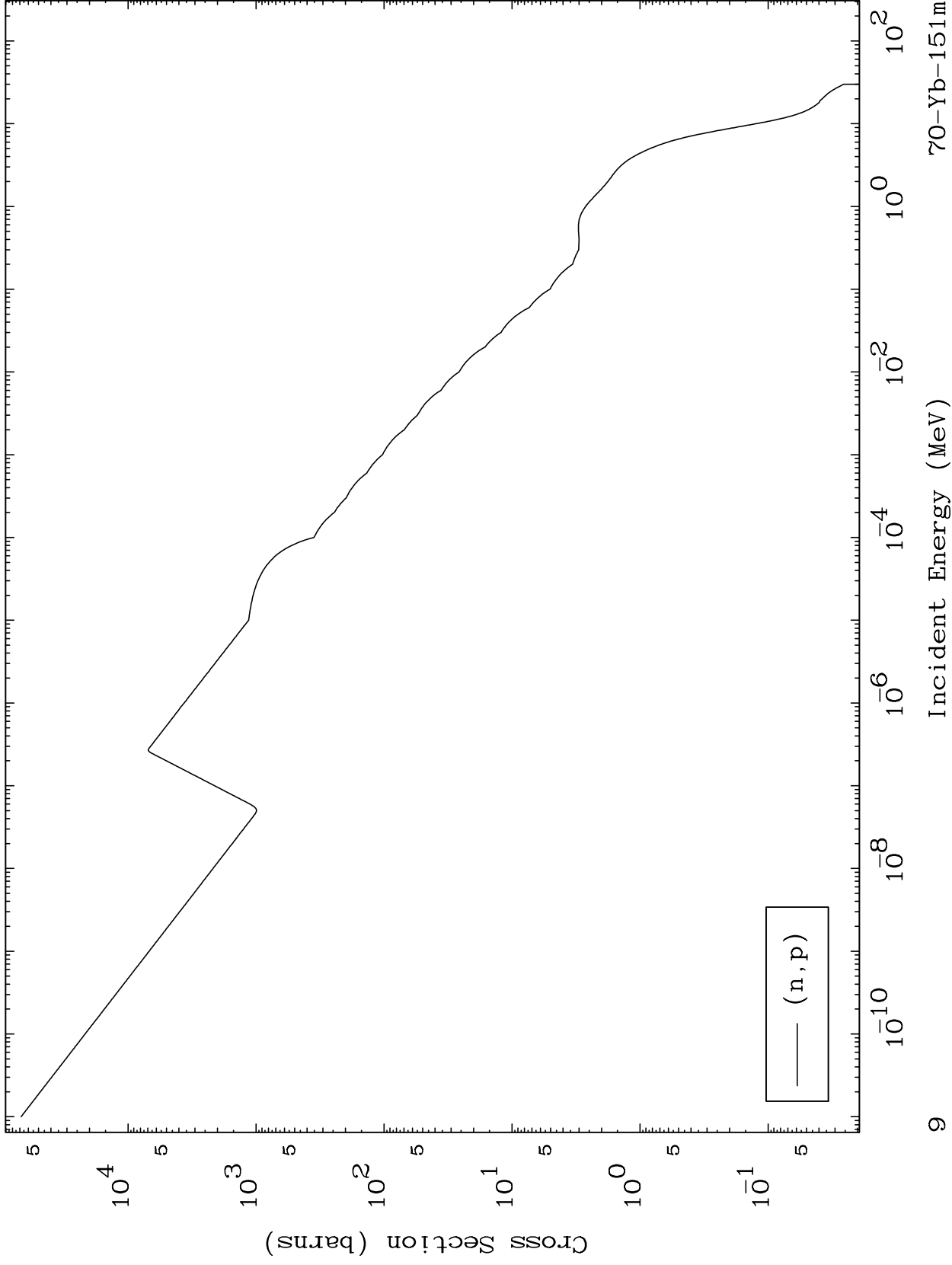
70-Yb-151m



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(n,p) Levels  
293 Kelvin Cross Sections

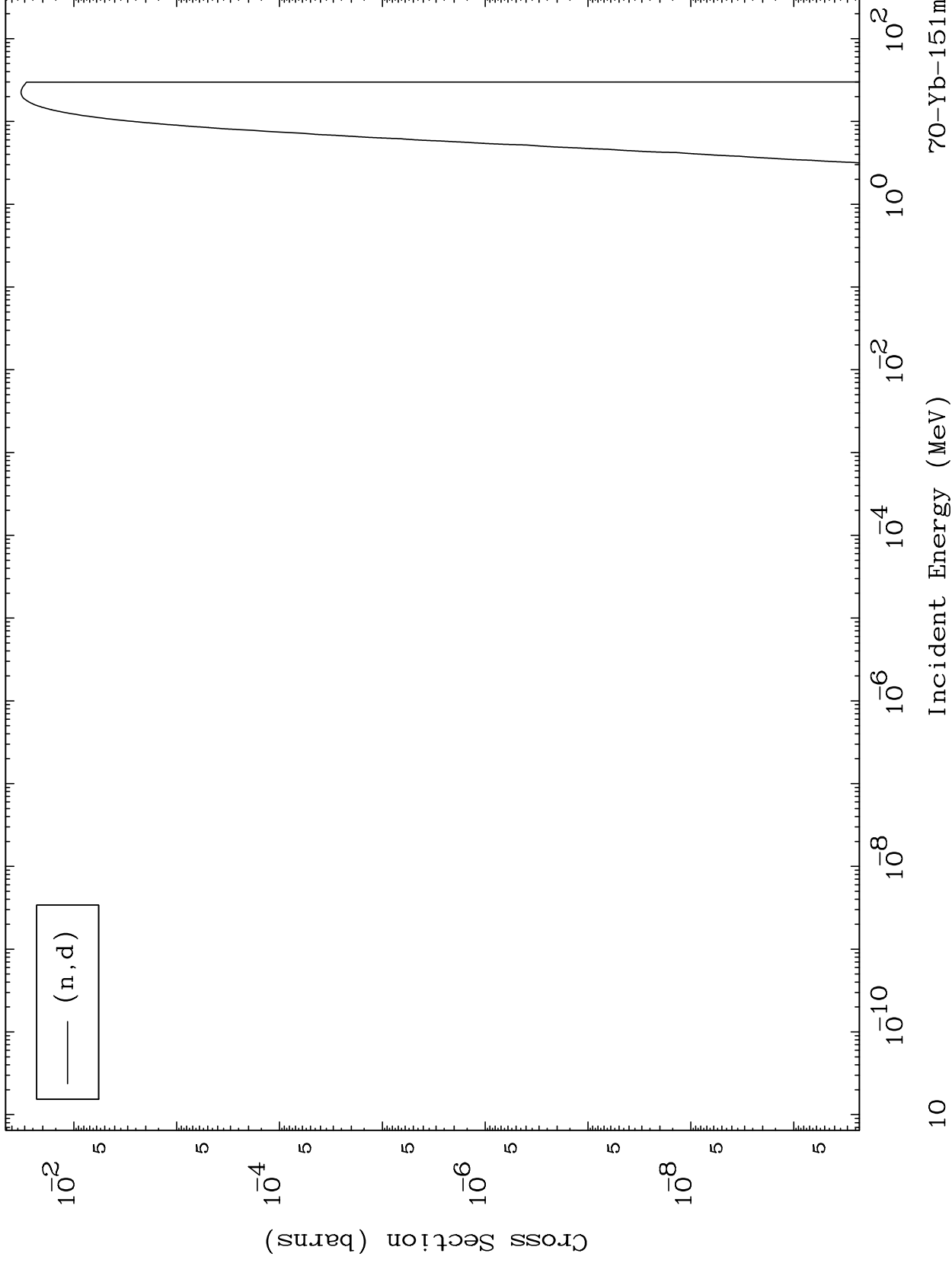
70-Yb-151m



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(n,d) Levels  
293 Kelvin Cross Sections

70-Yb-151m



10

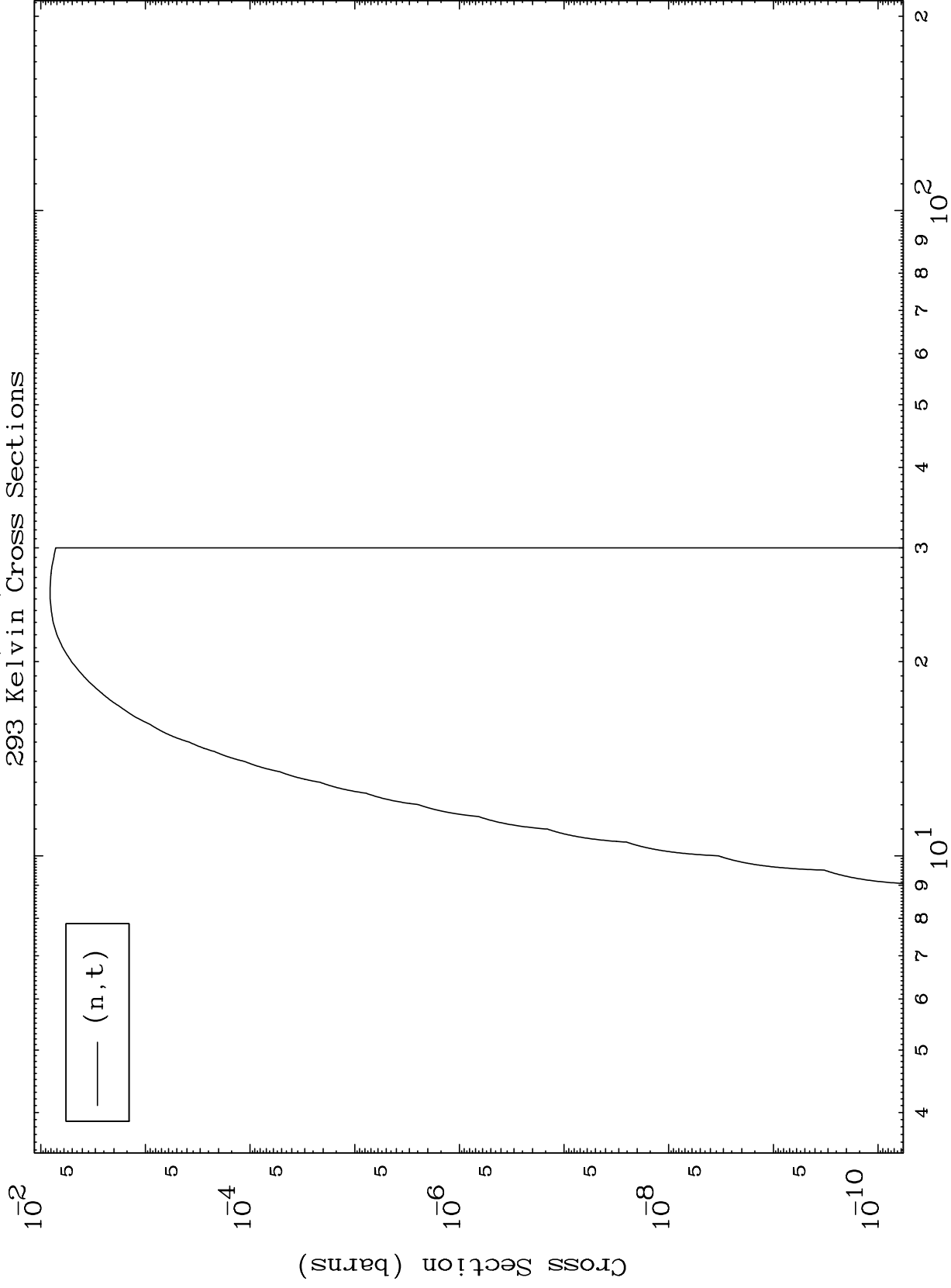
Incident Energy (MeV)

70-Yb-151m

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(n,t) Levels  
293 Kelvin Cross Sections

70-Yb-151m



11

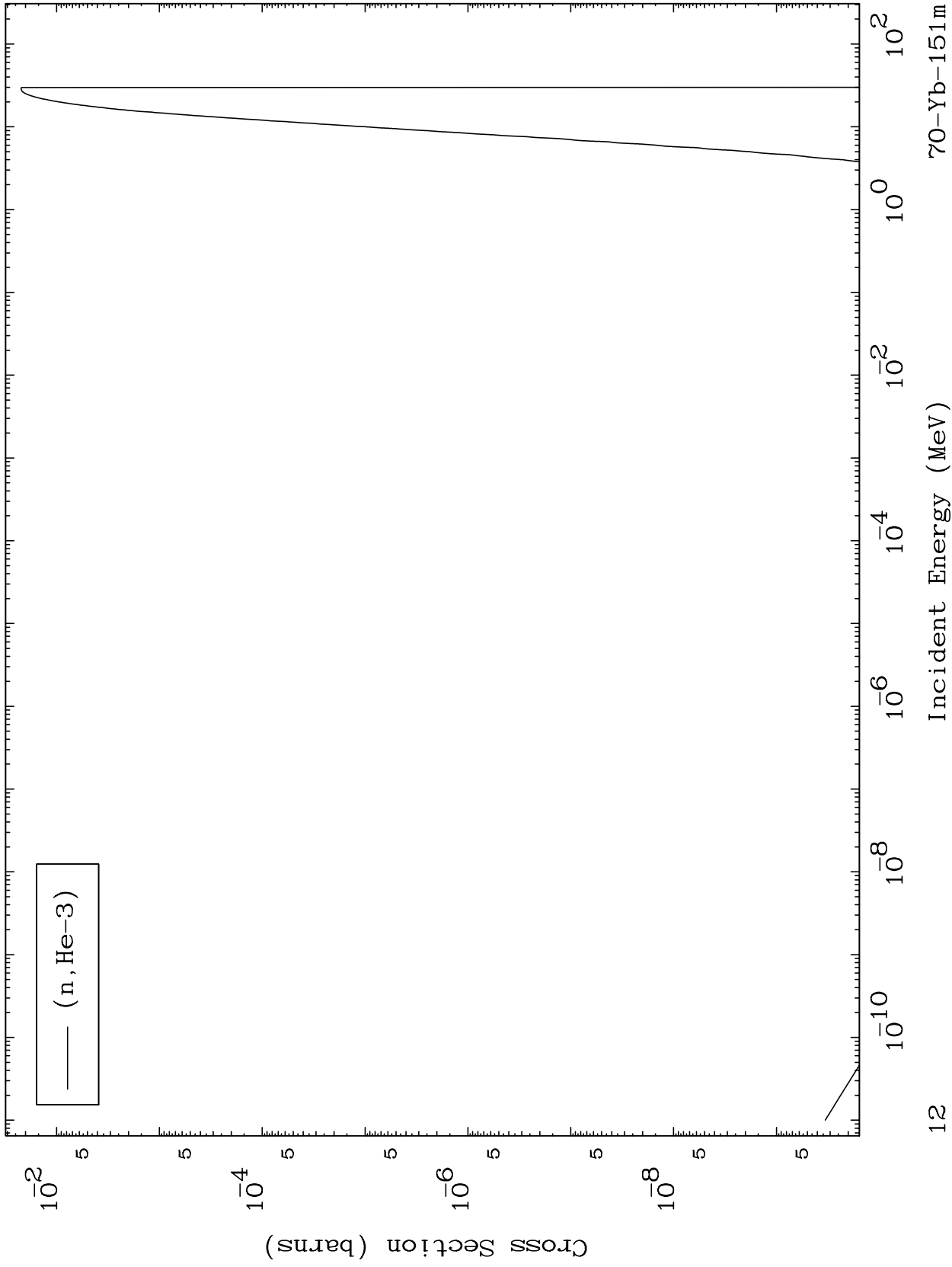
Incident Energy (MeV)

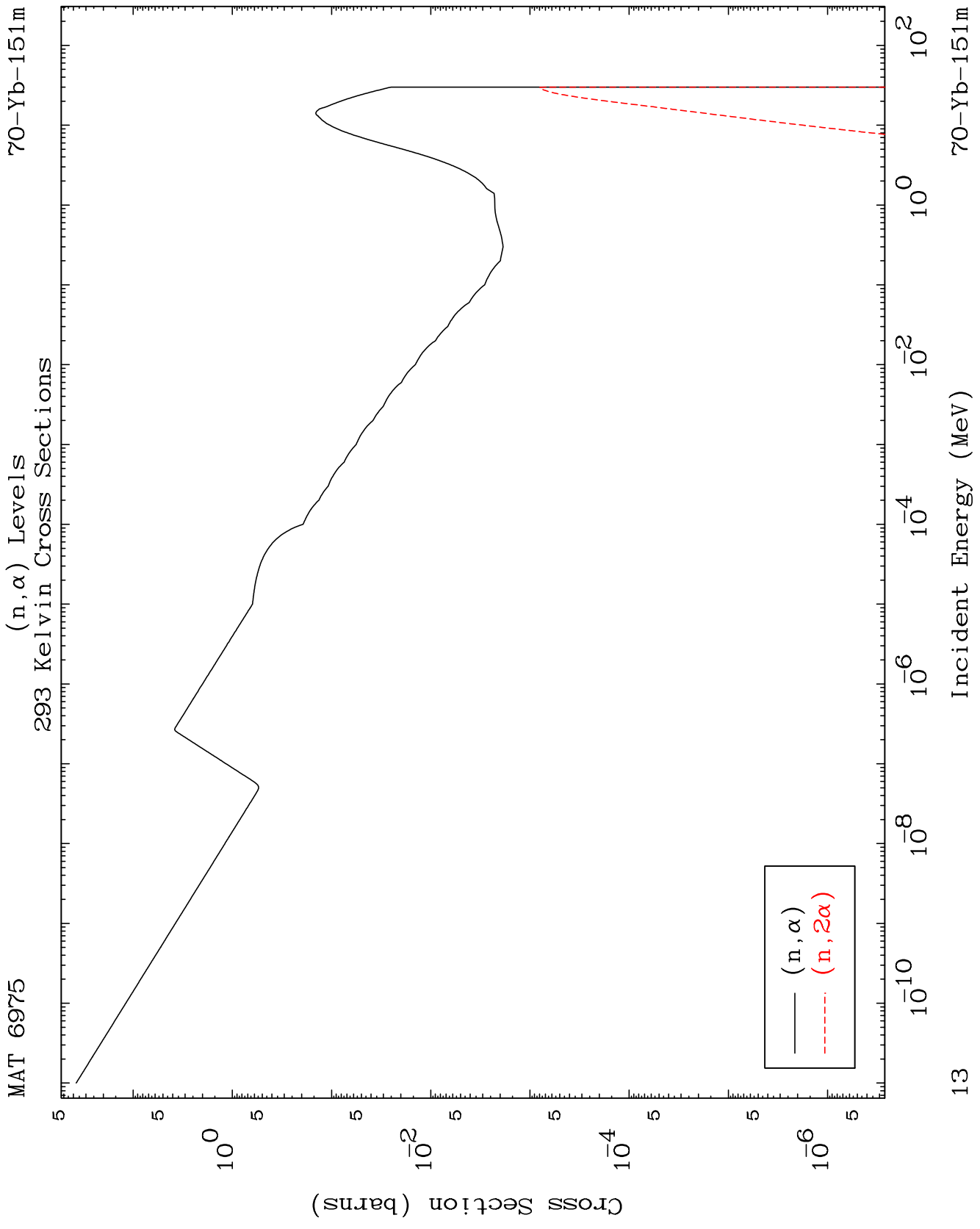
70-Yb-151m

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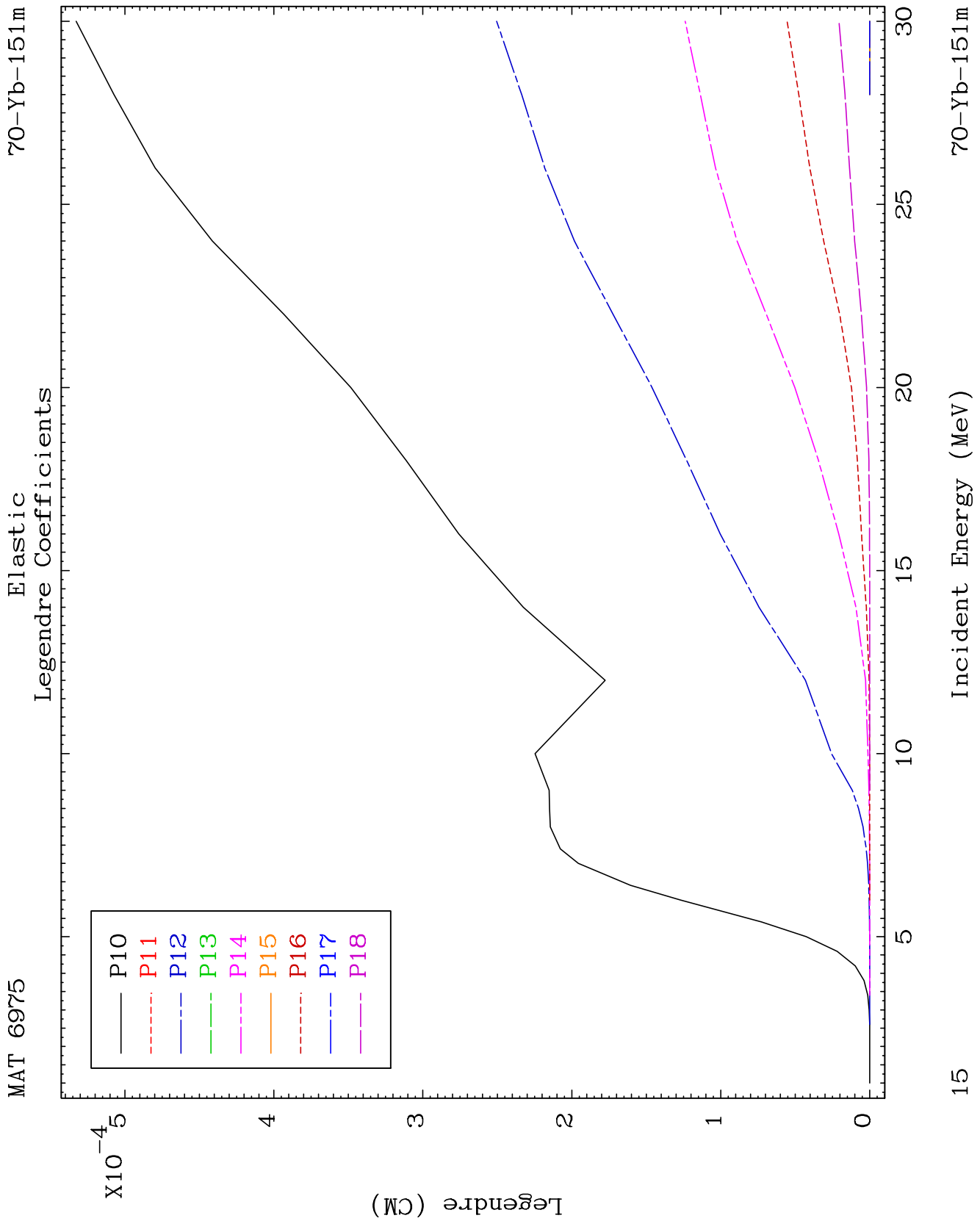
(n,He3) Levels  
293 Kelvin Cross Sections

70-Yb-151m







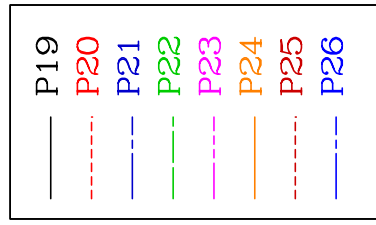




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Elastic  
Legendre Coefficients

70-Yb-151m



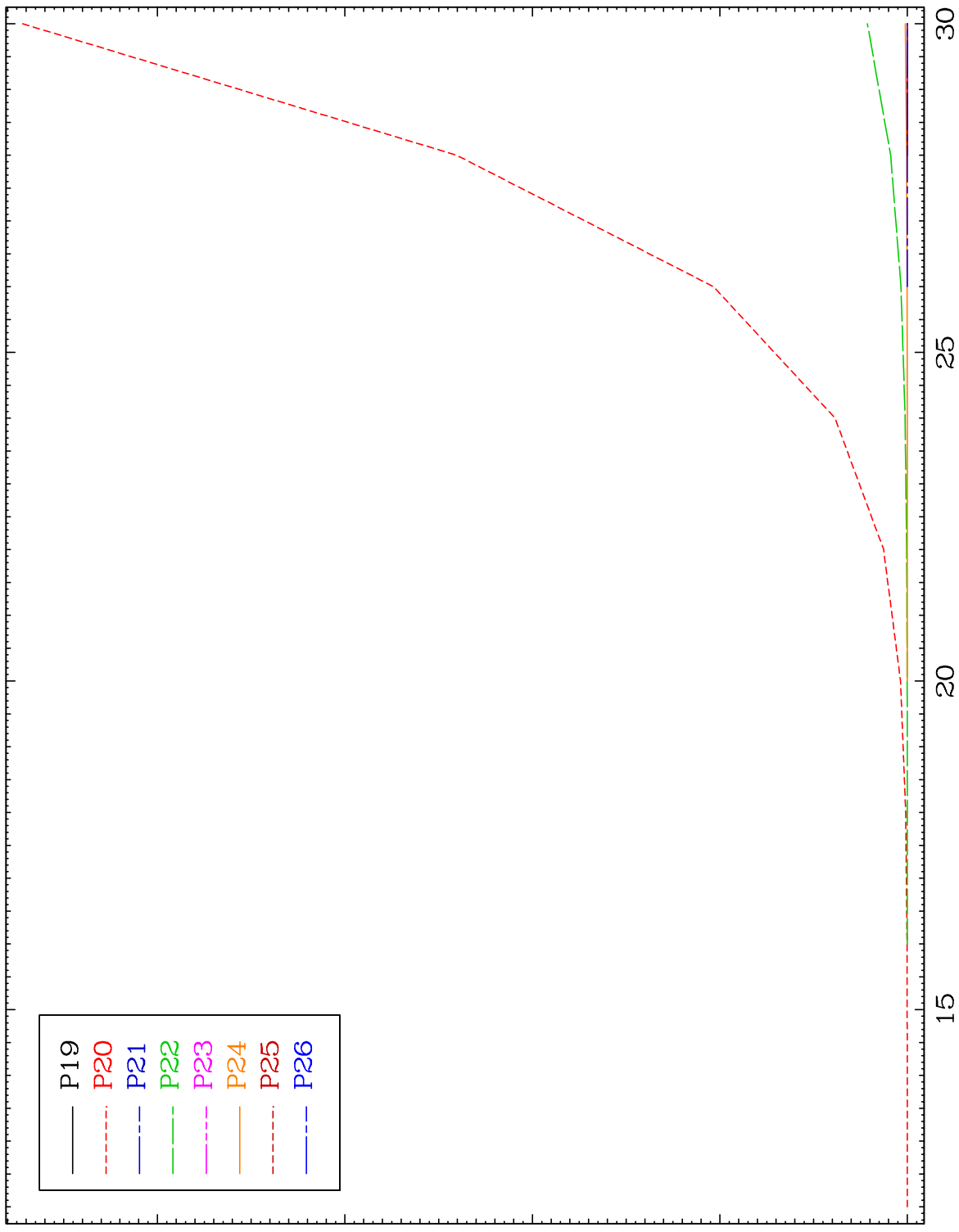
$\times 10^{-6}$

Legendre (CM)

16

Incident Energy (MeV)

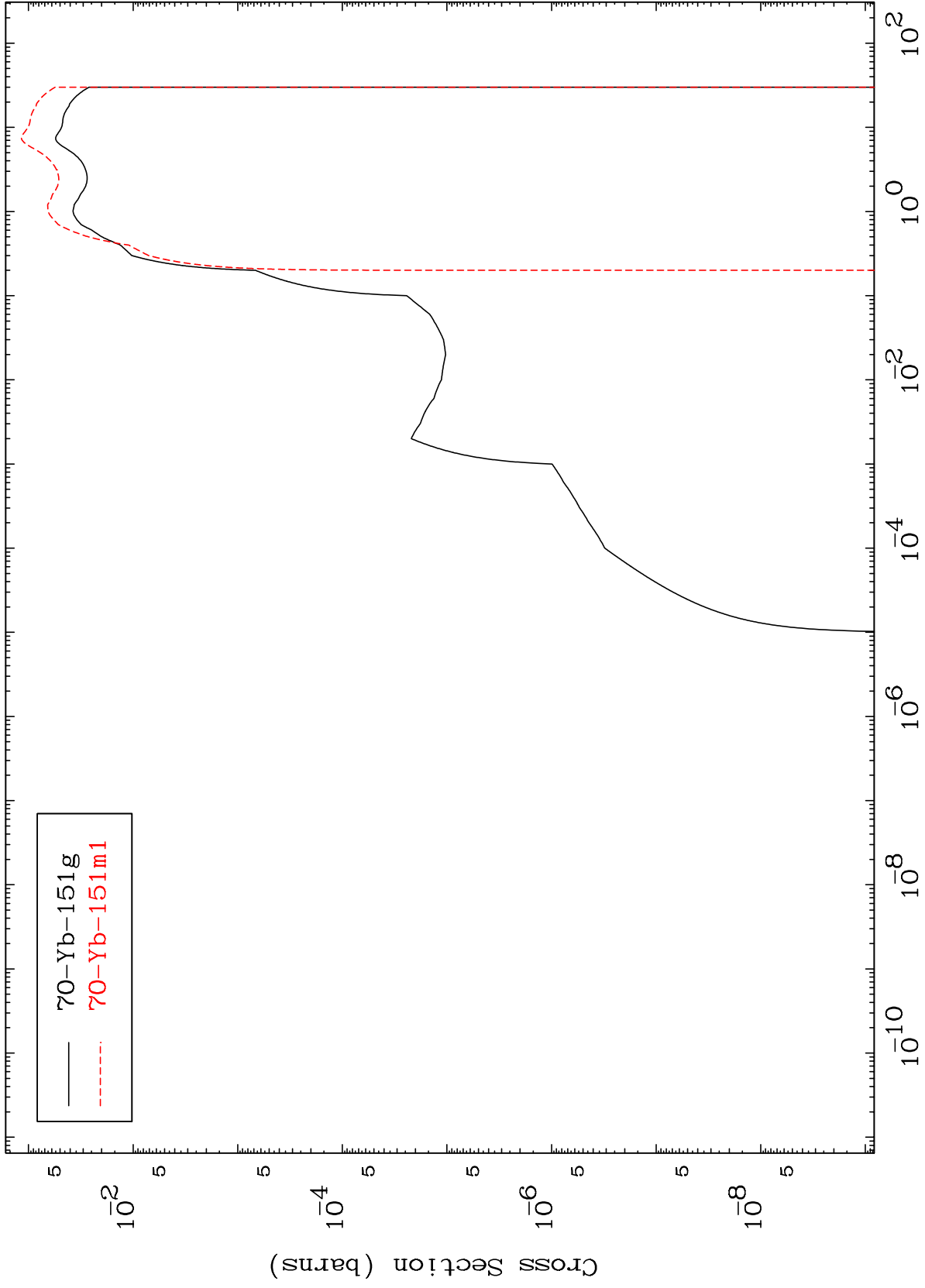
70-Yb-151m



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Inelastic  
Radionuclide Production Cross Section

<sup>70</sup>Yb-151m



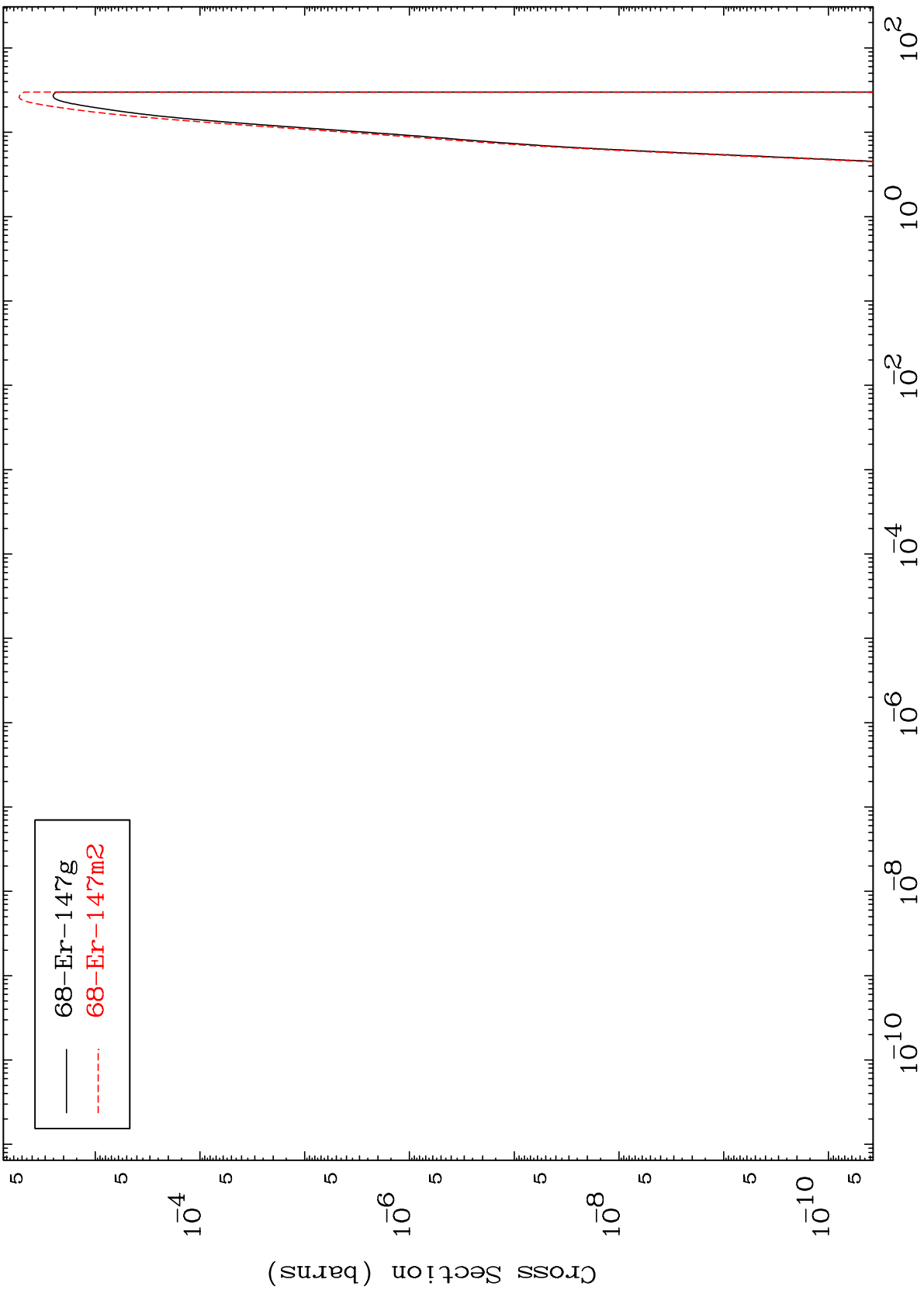
<sup>70</sup>Yb-151m

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$(n, n') \alpha$

$^{70}\text{Yb}-151\text{m}$

Radionuclide Production Cross Section

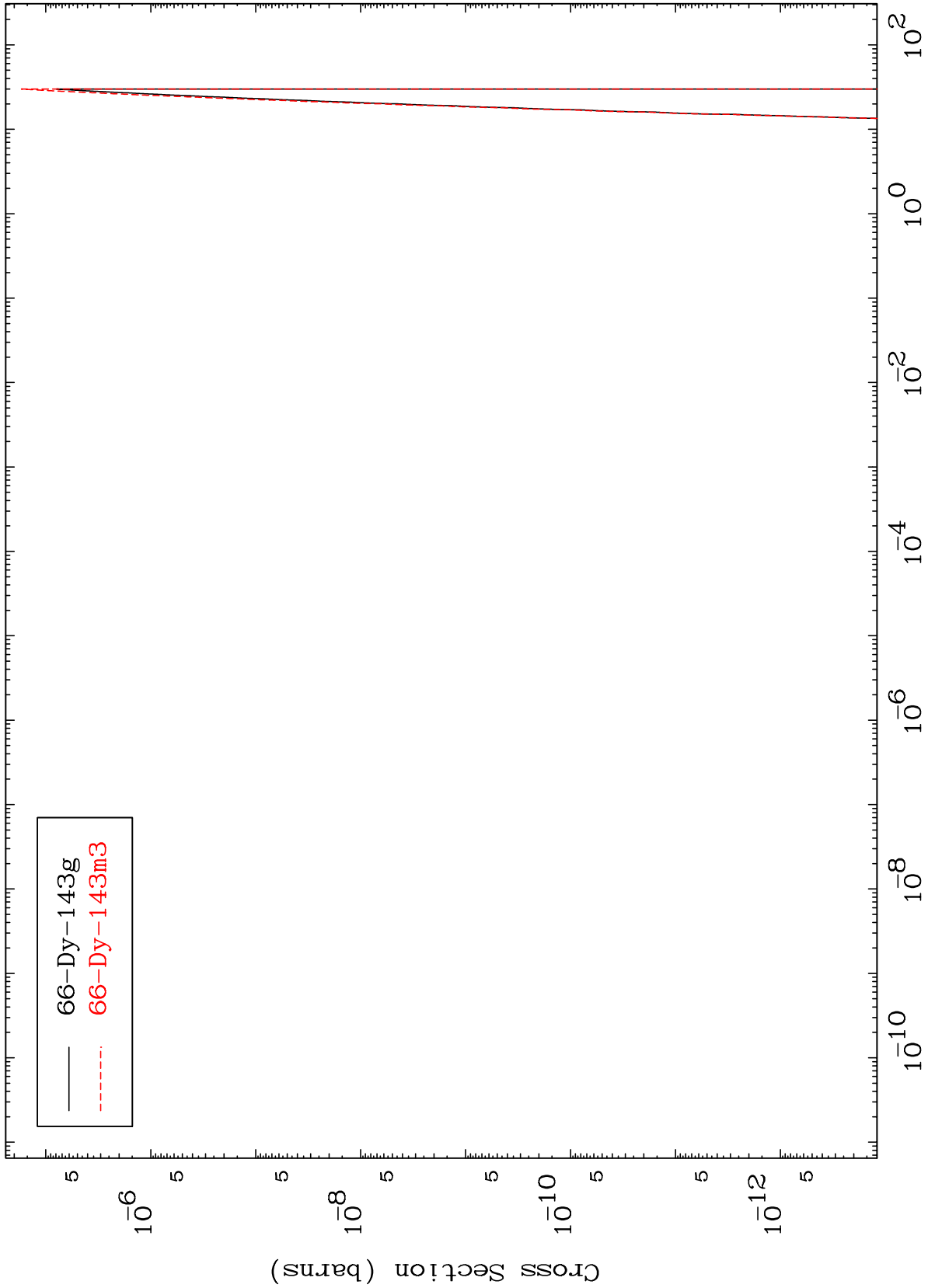


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(n,n') 2α

70-Yb-151m

Radionuclide Production Cross Section

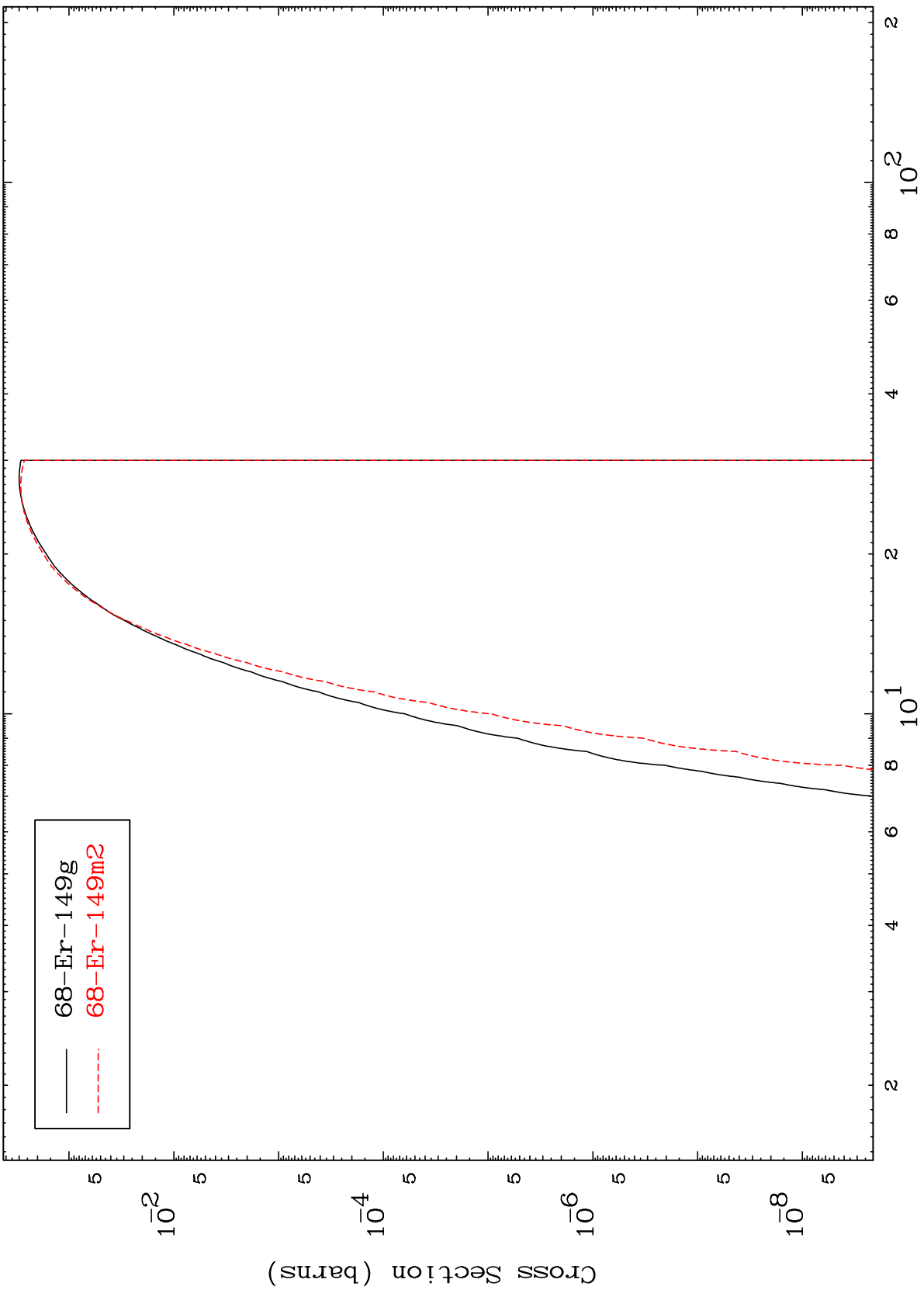


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(n,2n) p

70-Yb-151m

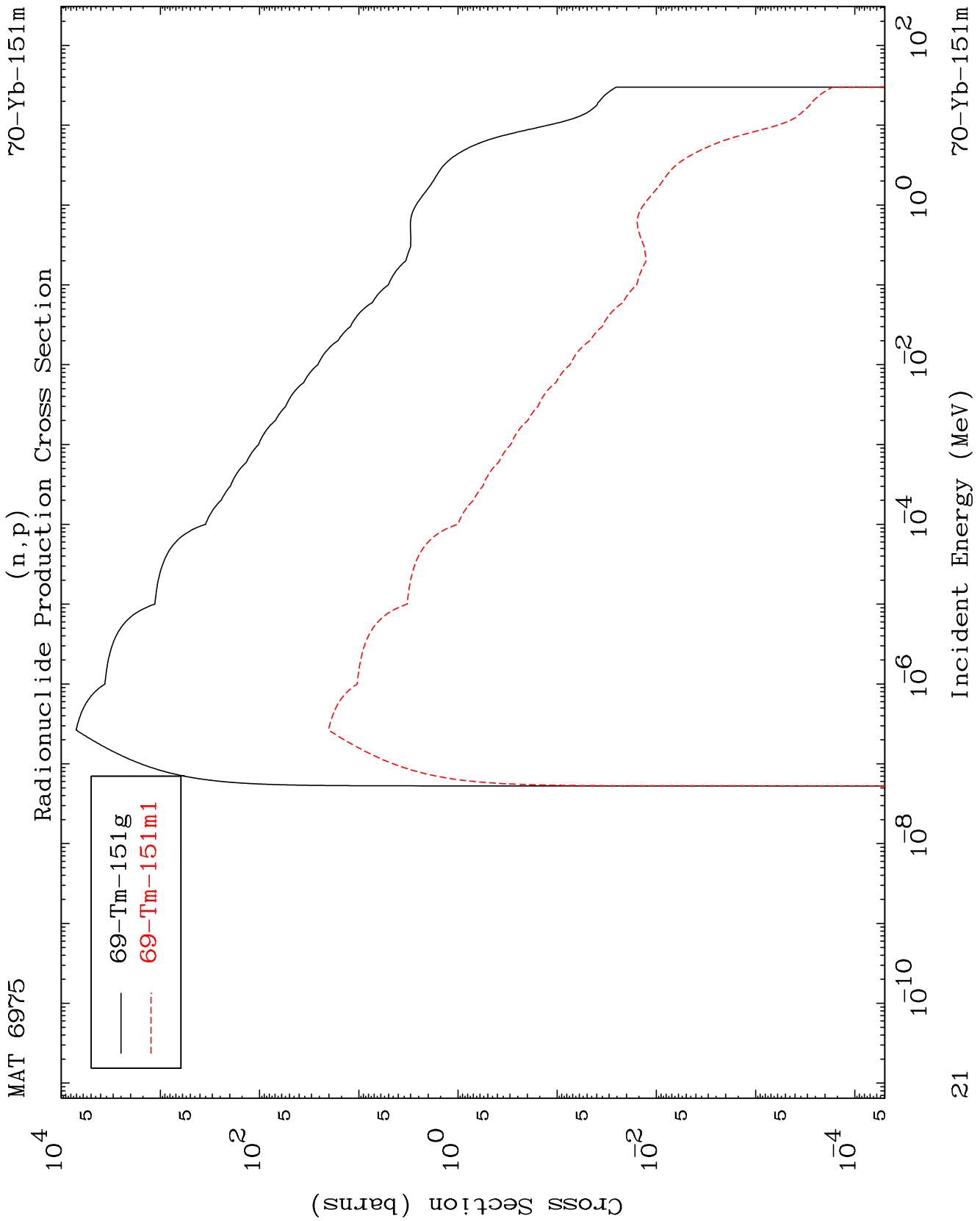
Radionuclide Production Cross Section



20

Incident Energy (MeV)

70-Yb-151m

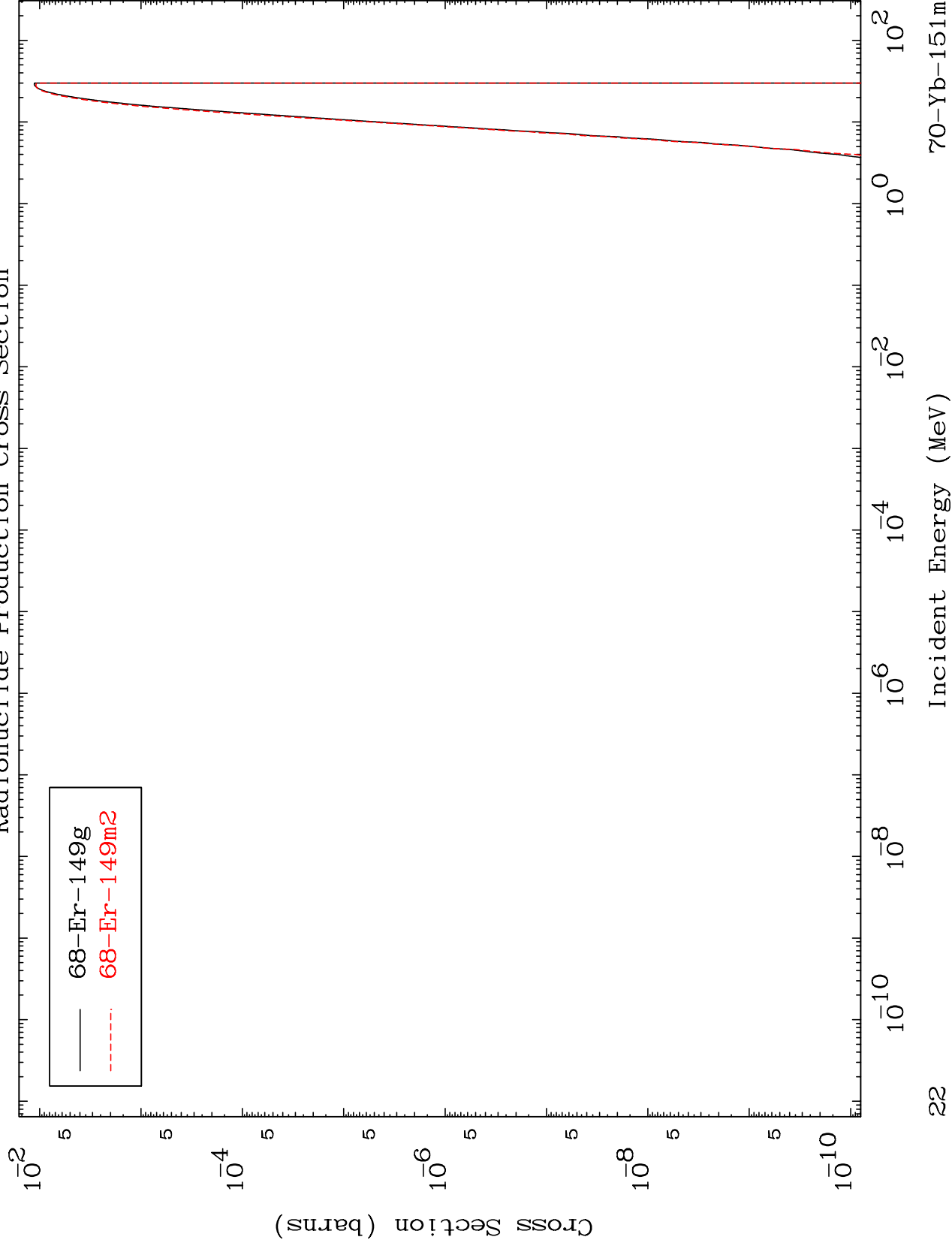


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(n,He-3)

70-Yb-151m

Radionuclide Production Cross Section



MAT 6975

(n,p) d

<sup>70</sup>Yb-151m

Radionuclide Production Cross Section

