

Program EVALPLOT  
(Version 2021-1)

by

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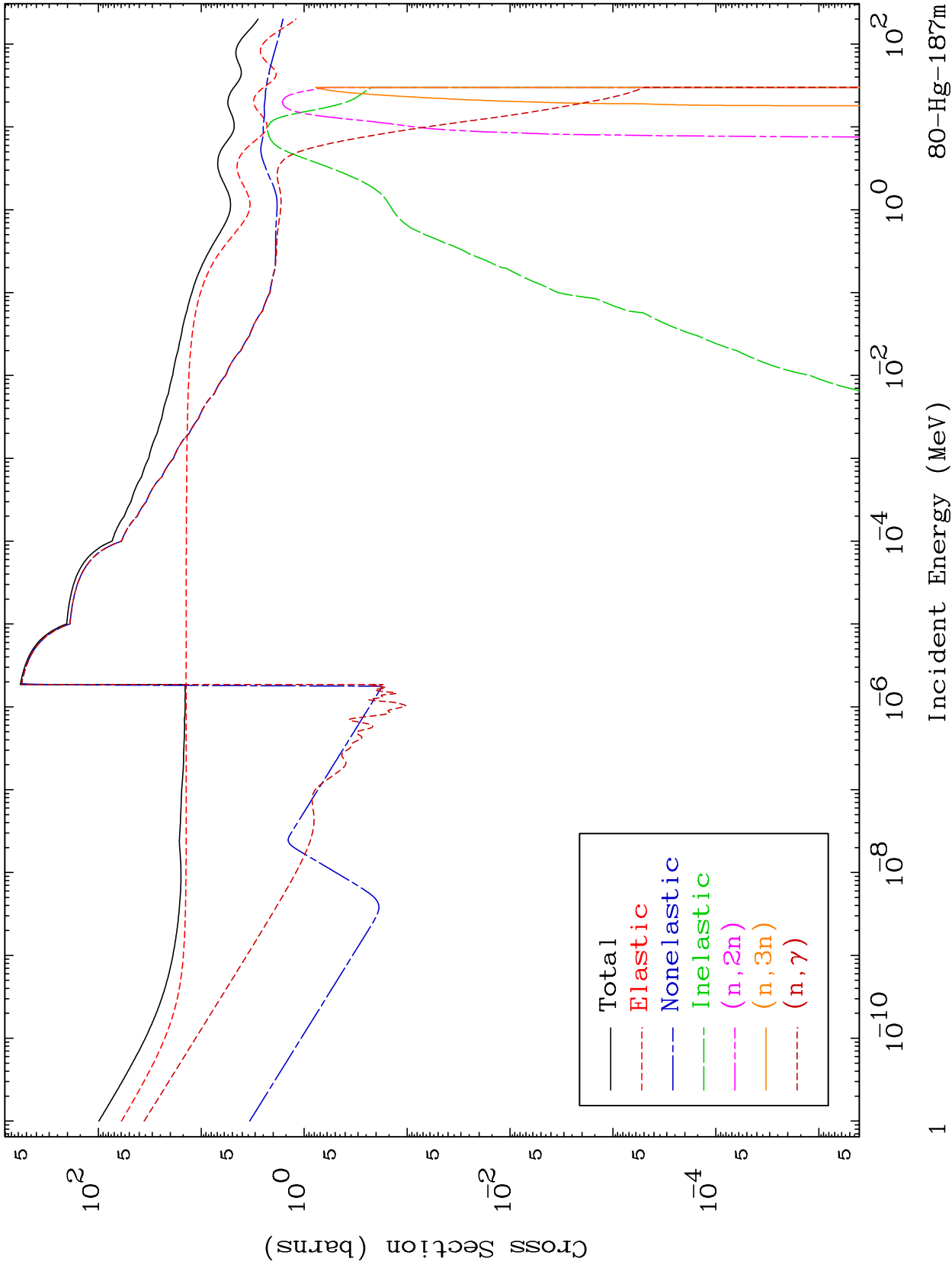
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7999

Neutron Major  
293 Kelvin Cross Sections

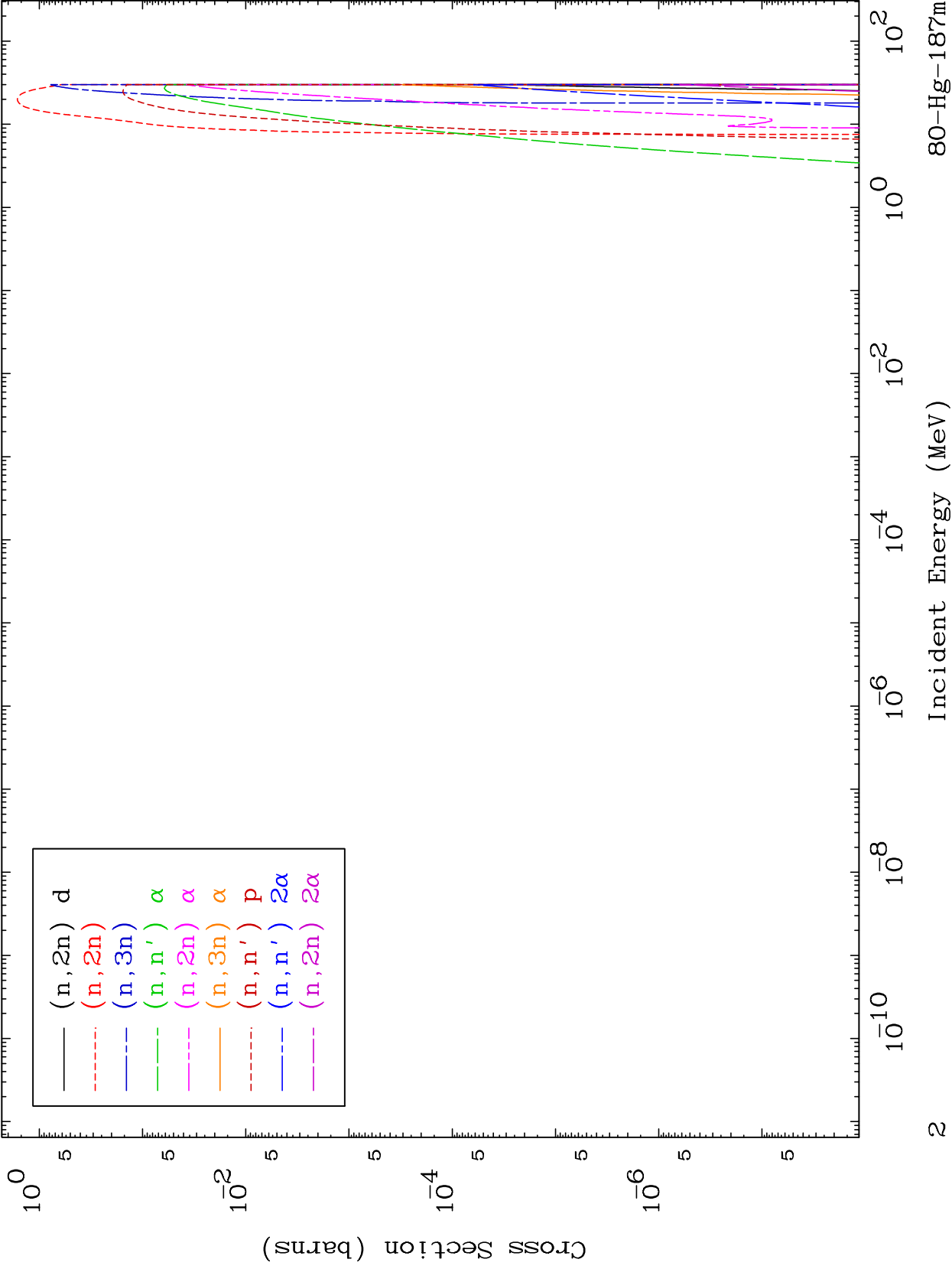
80-Hg-187m



MAT 7999

Neutron Absorption  
293 Kelvin Cross Sections

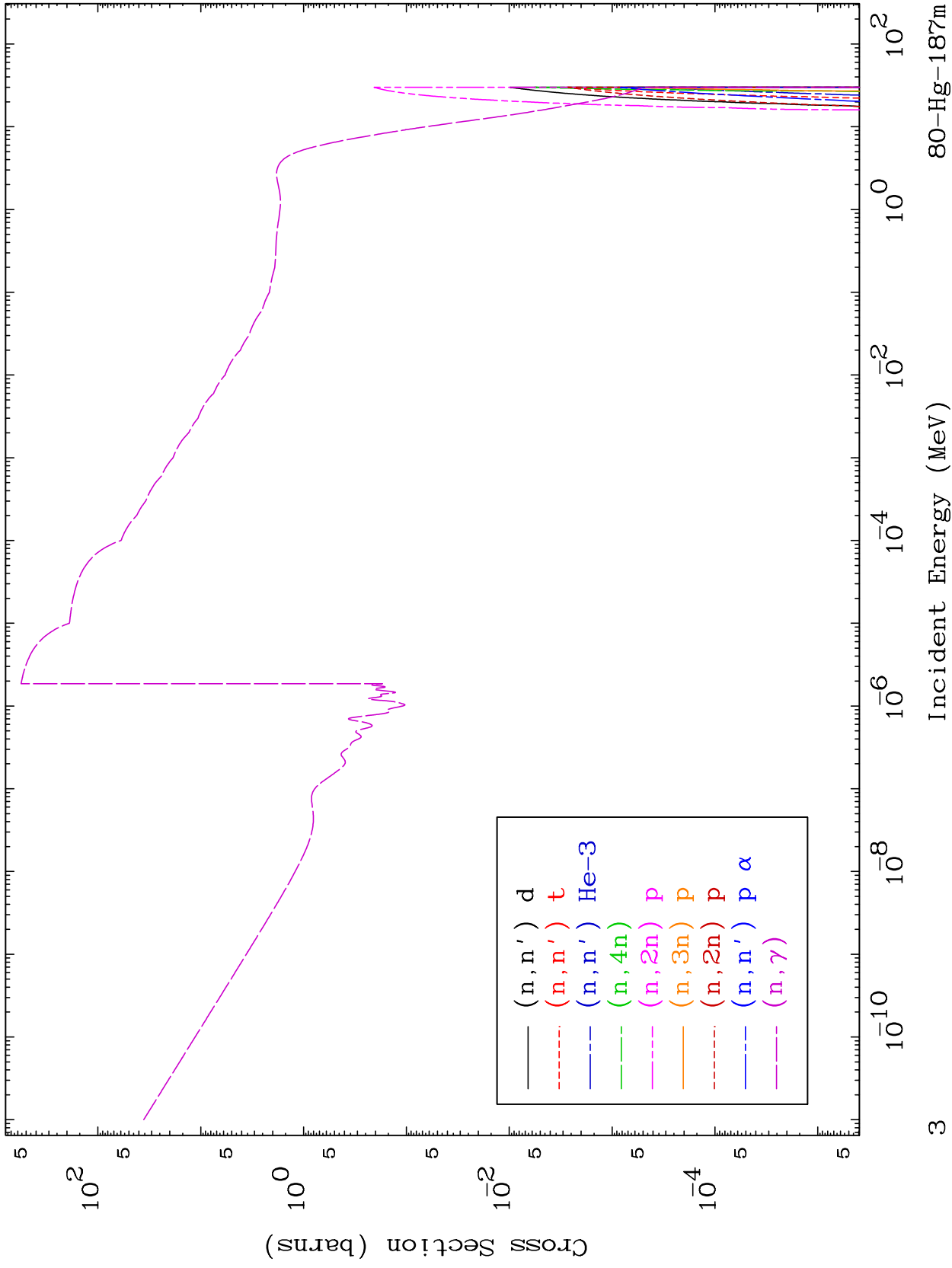
80-Hg-187m



MAT 7999

Neutron Absorption  
293 Kelvin Cross Sections

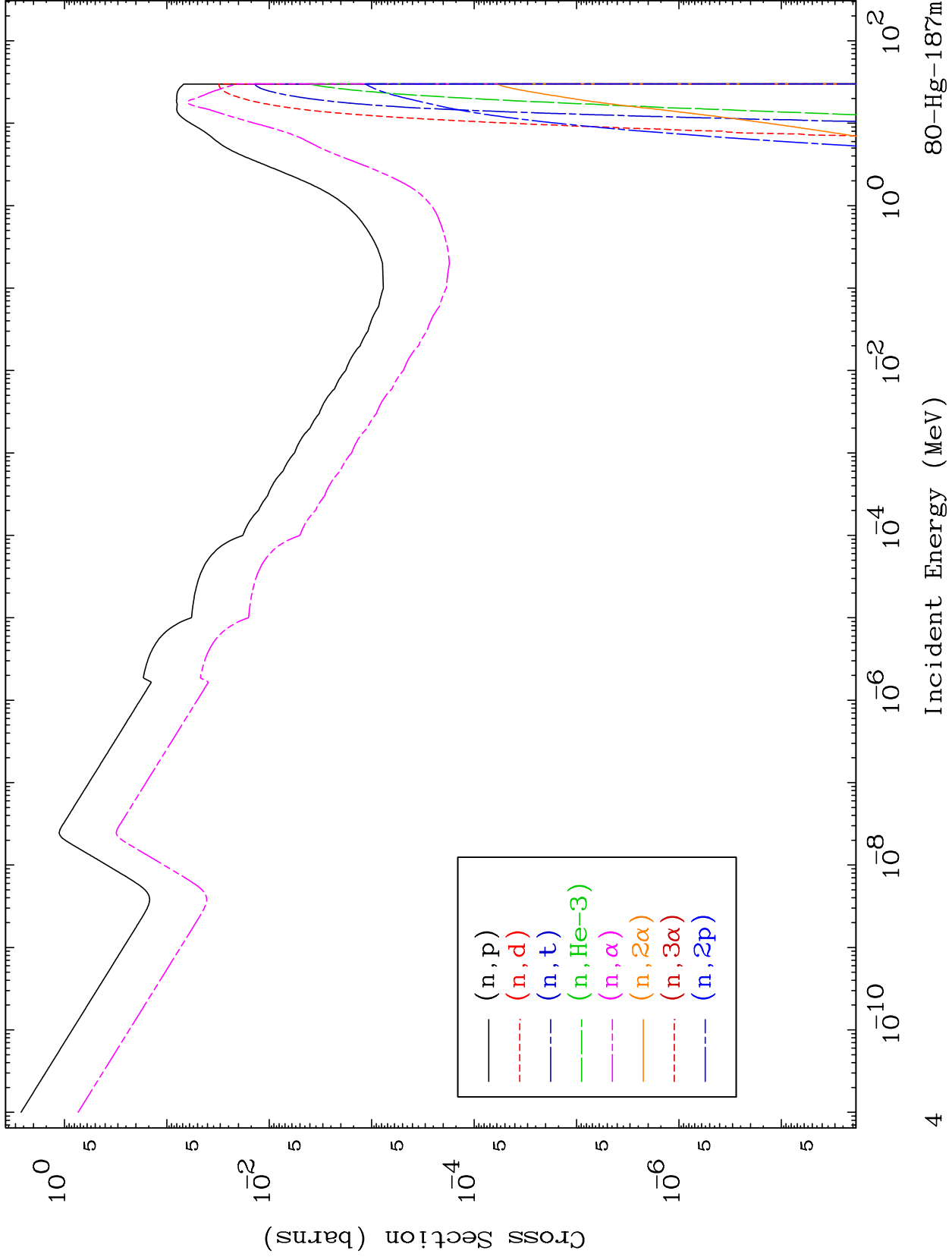
80-Hg-187m

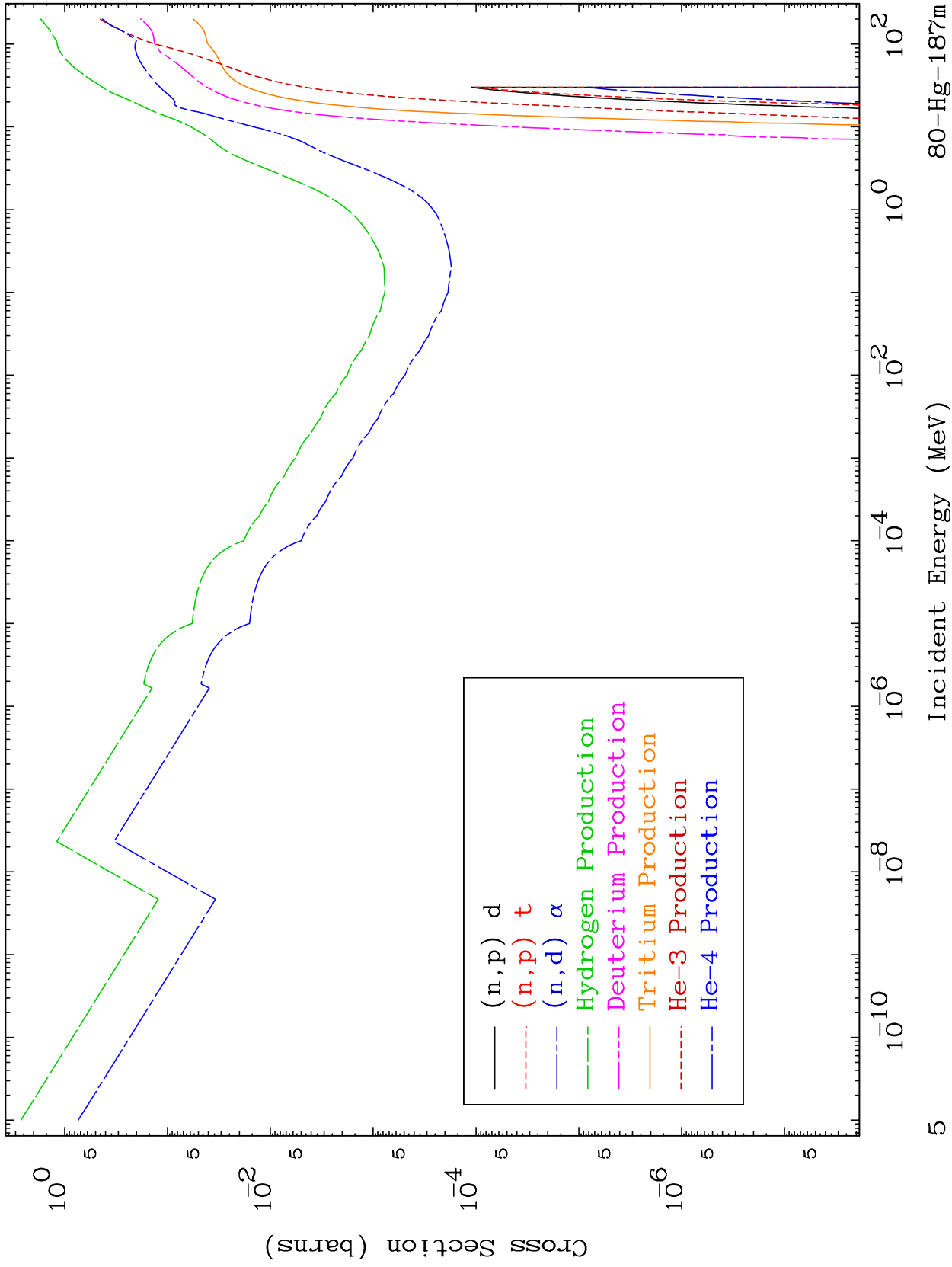


MAT 7999

Neutron Absorption  
293 Kelvin Cross Sections

80-Hg-187m

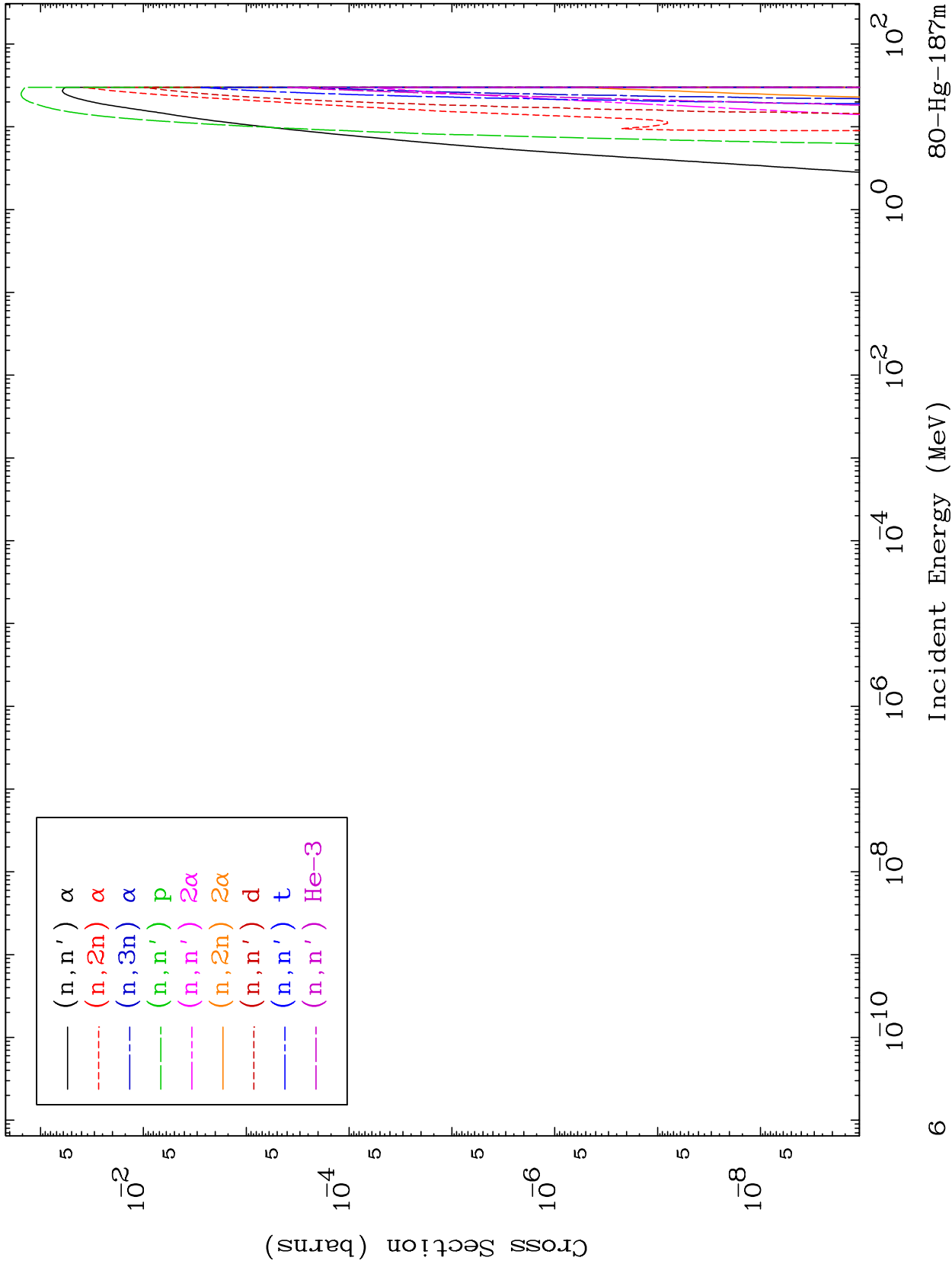




MAT 7999

Charged Particle  
293 Kelvin Cross Sections

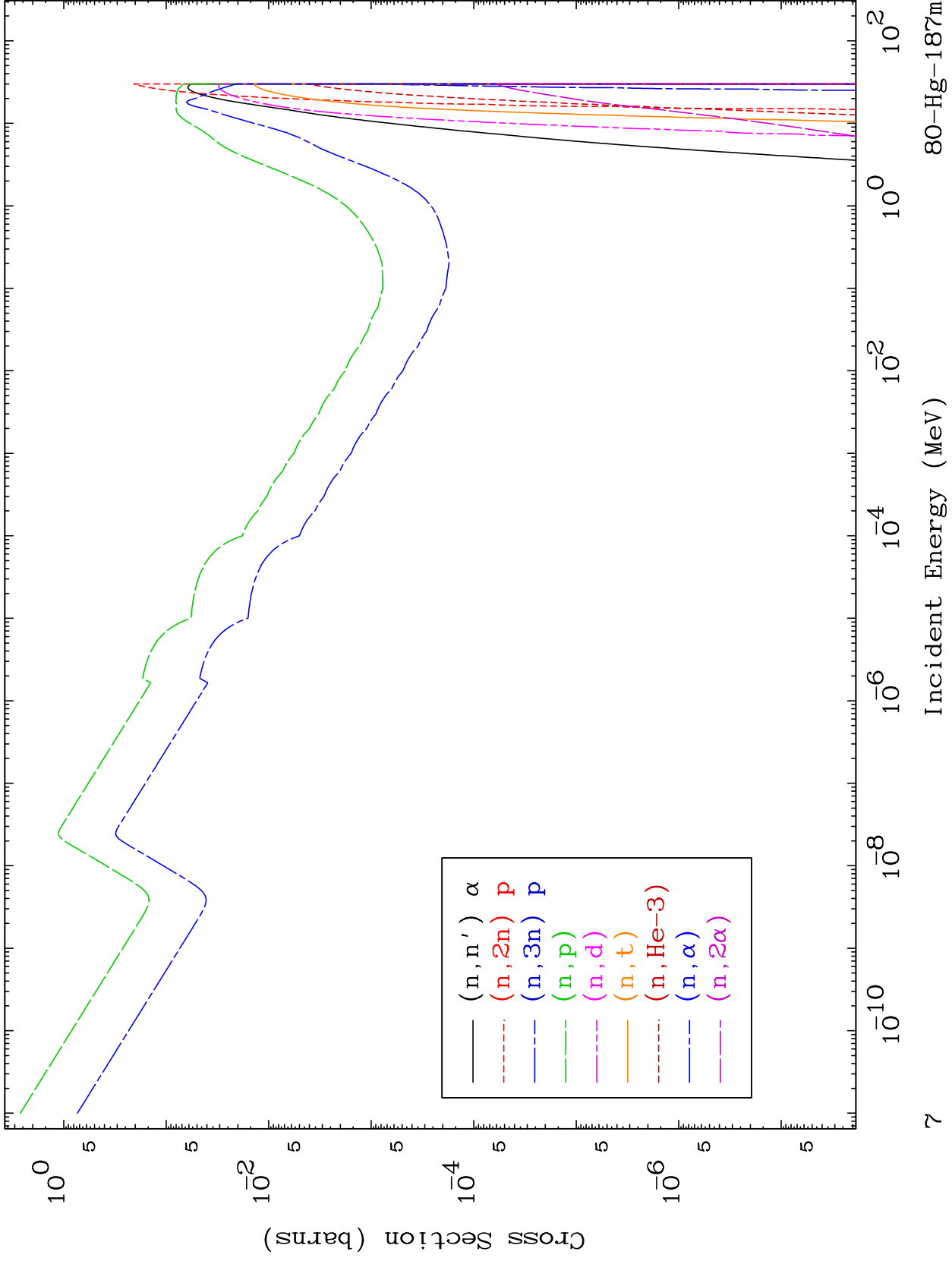
80-Hg-187m



MAT 7999

Charged Particle  
293 Kelvin Cross Sections

80-Hg-187m

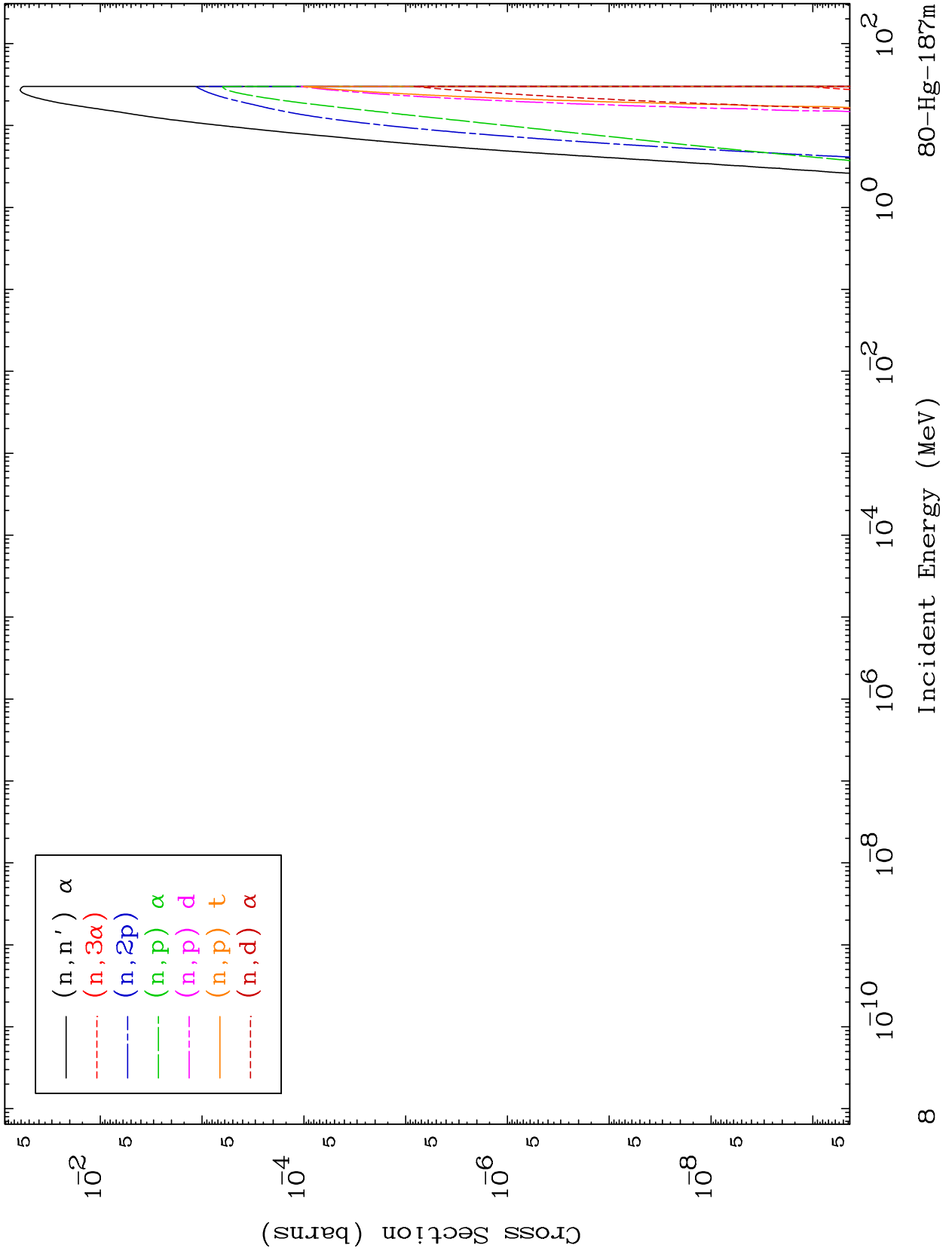




MAT 7999

Charged Particle  
293 Kelvin Cross Sections

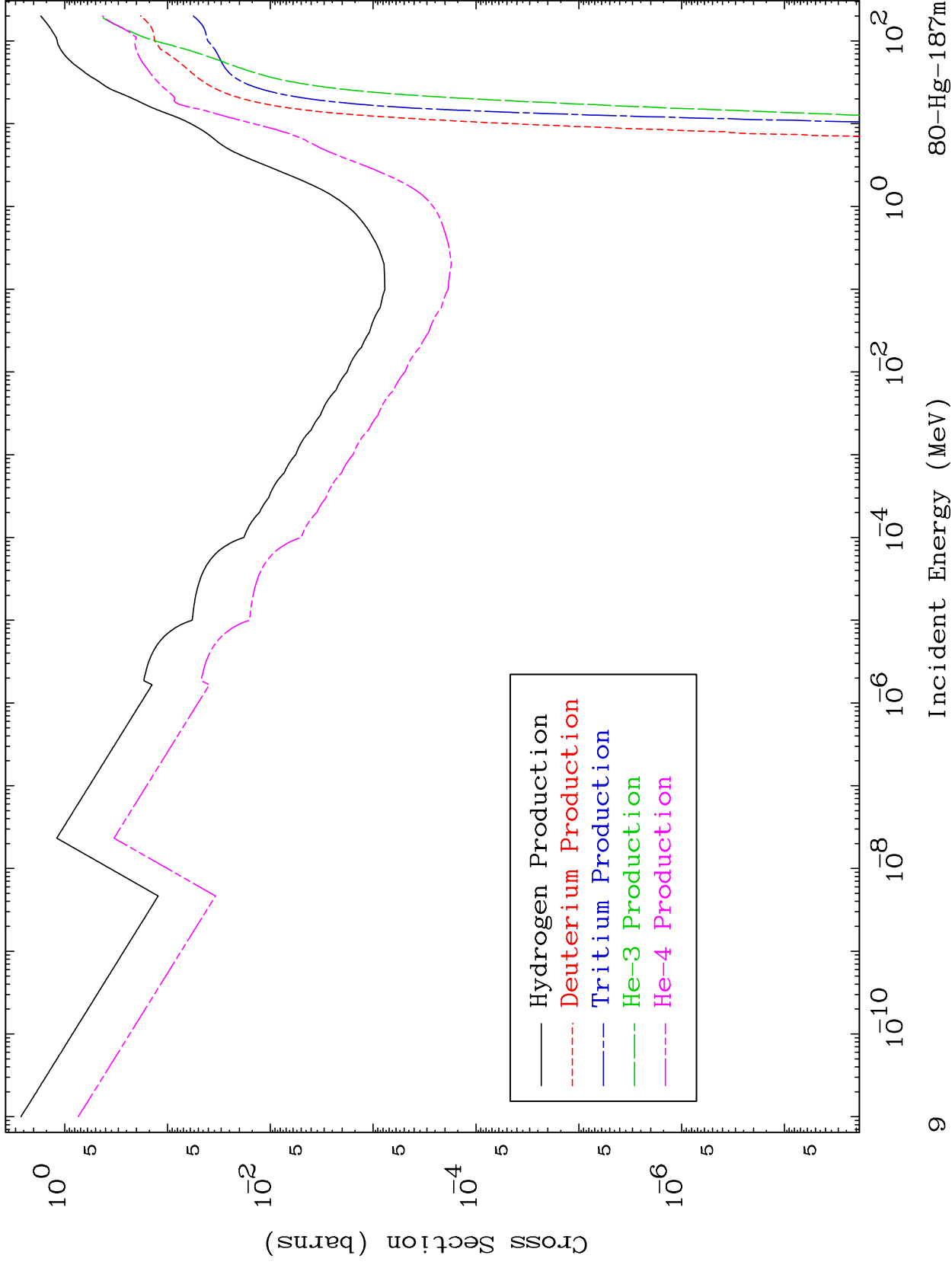
80-Hg-187m



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Particle Production  
293 Kelvin Cross Sections

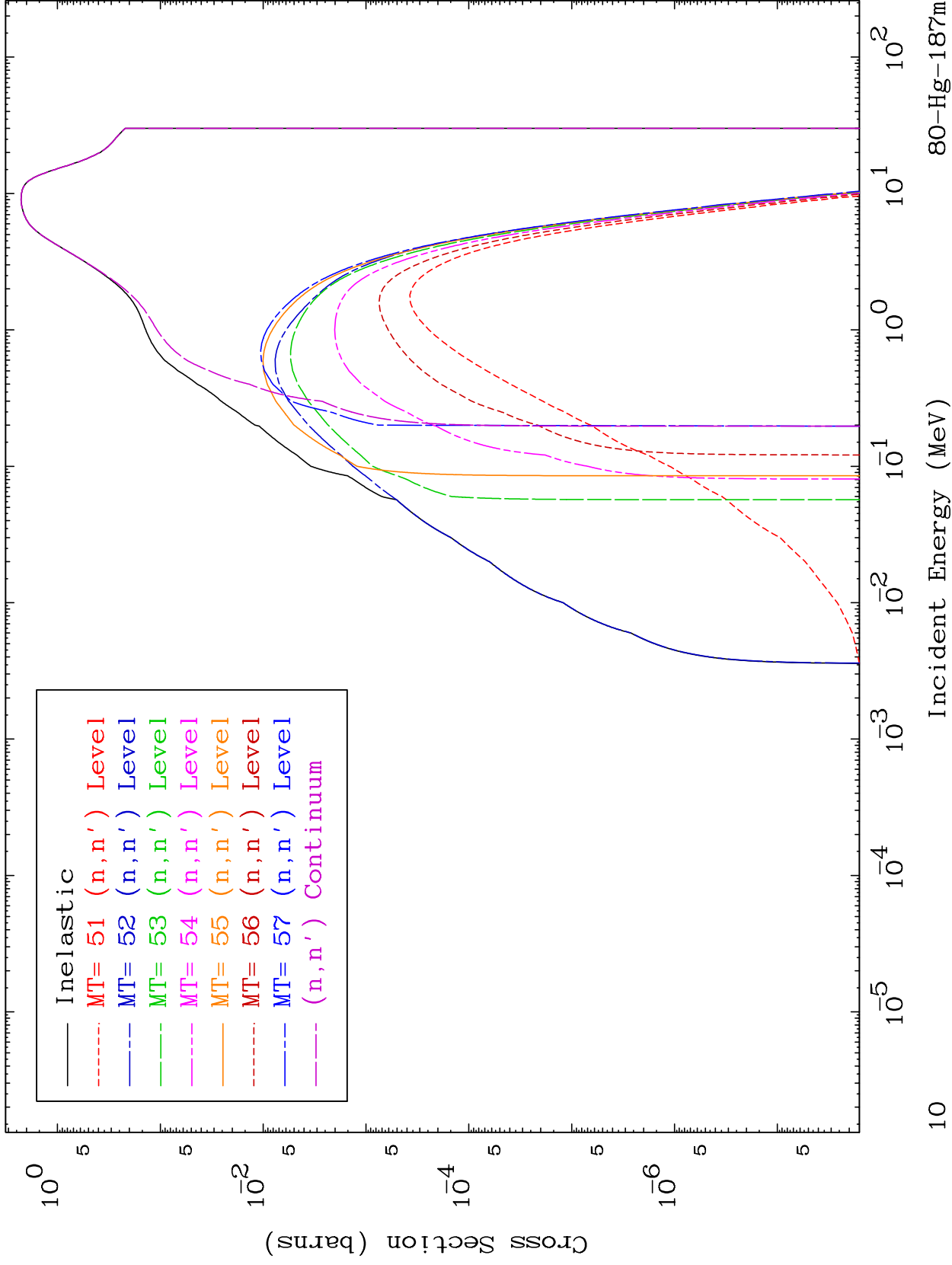
80-Hg-187m



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(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-187m

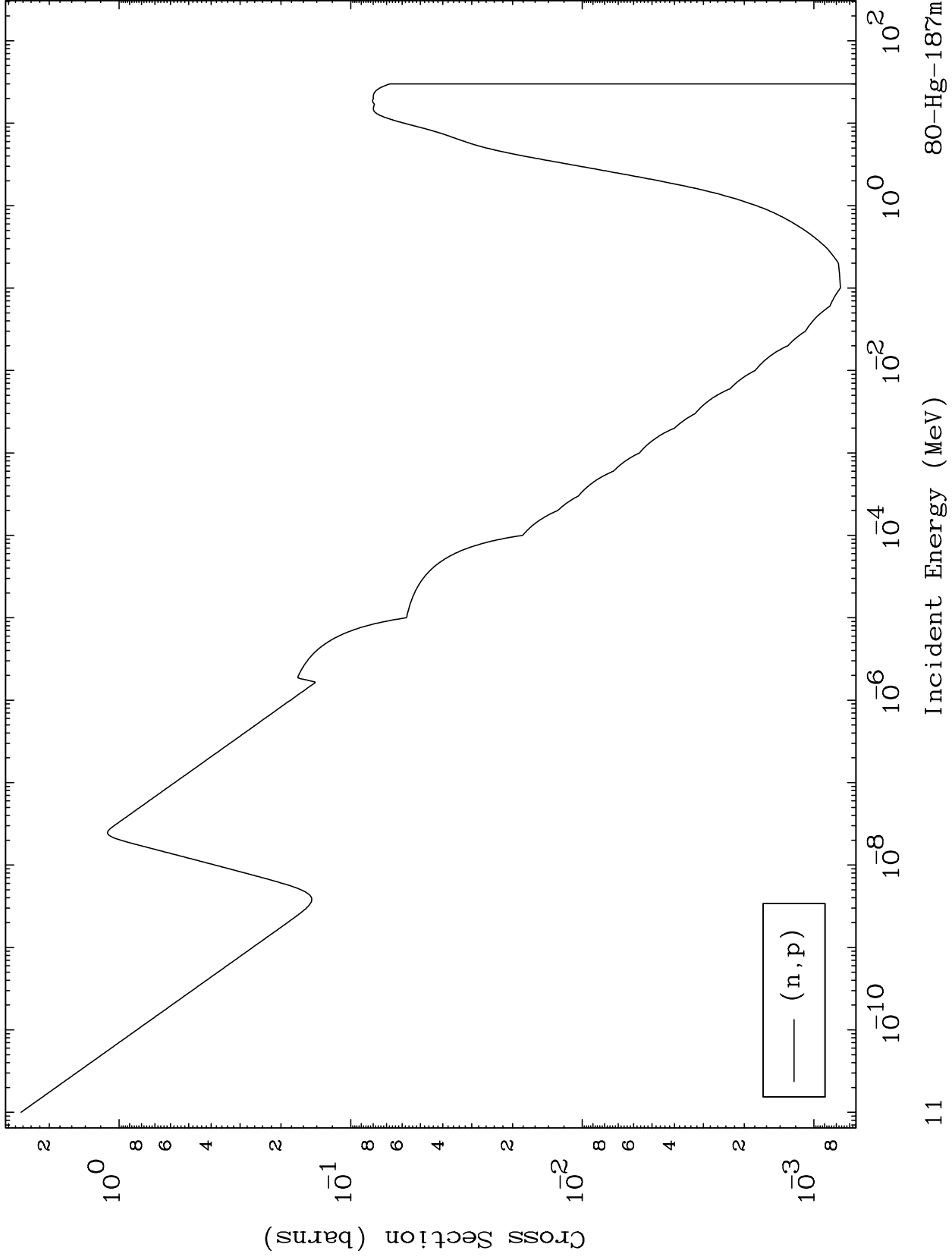


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(n,p) Levels  
293 Kelvin Cross Sections

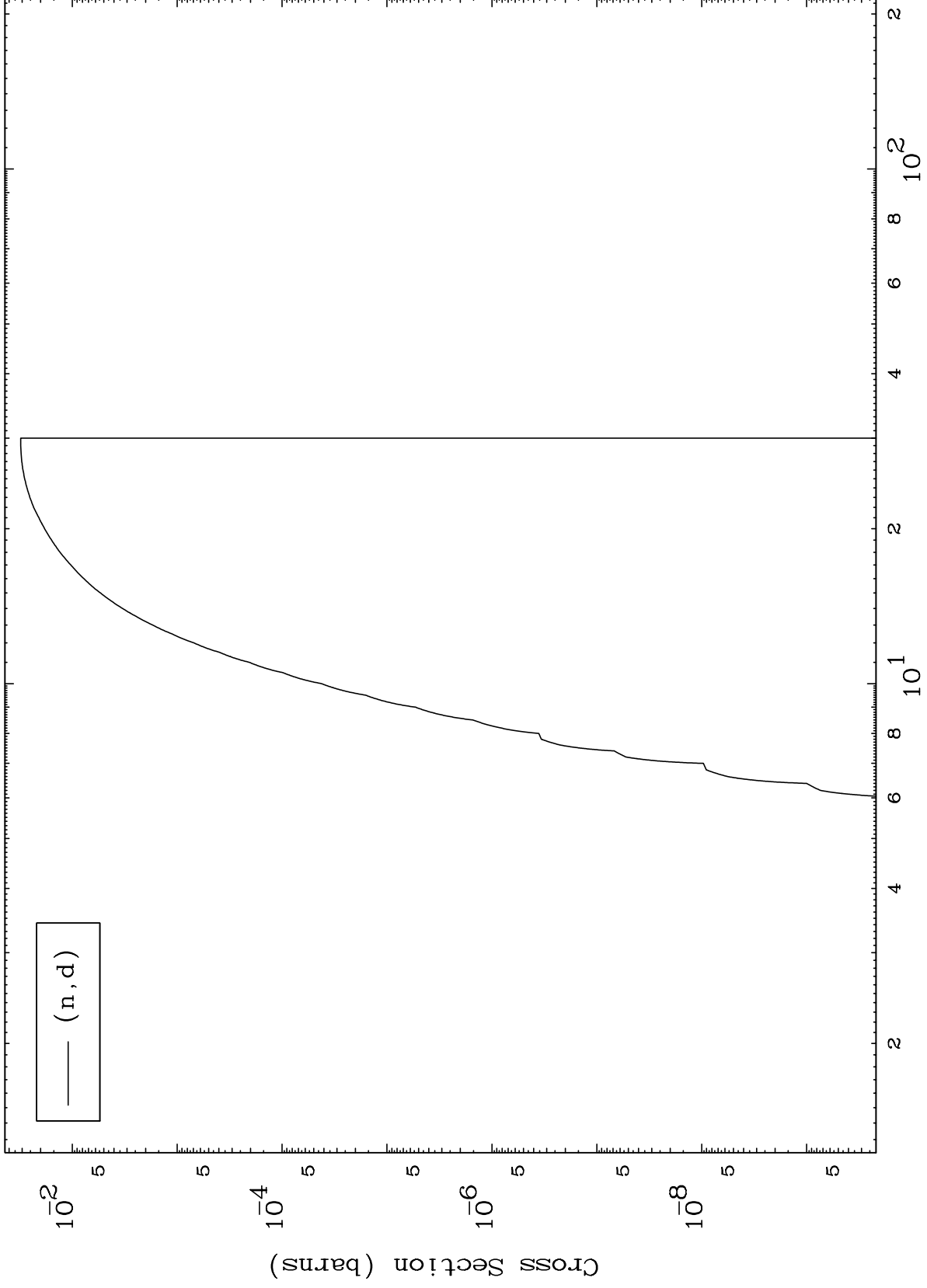
80-Hg-187m



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(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-187m



12

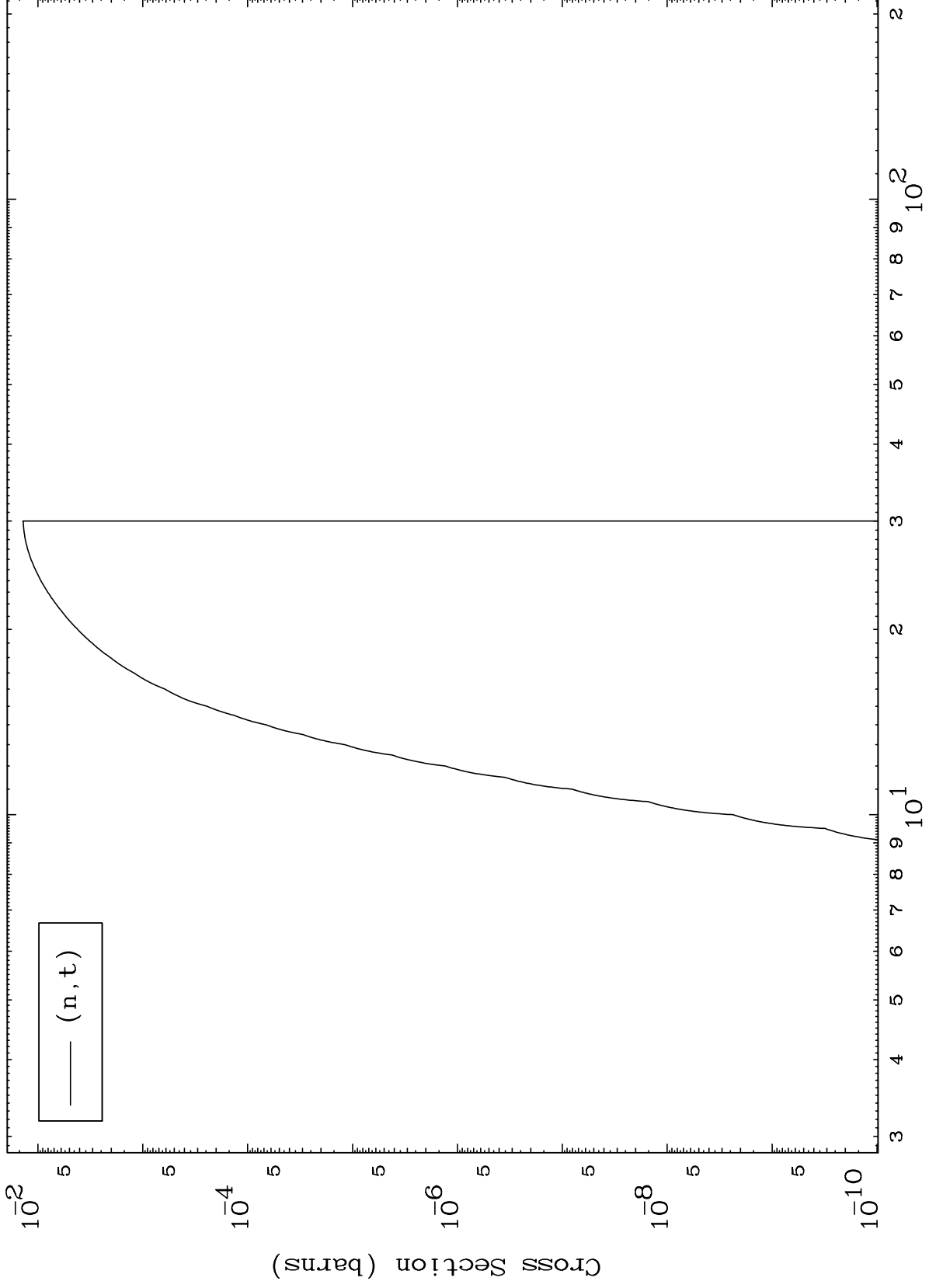
Incident Energy (MeV)

80-Hg-187m

MAT 7999

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-187m



13

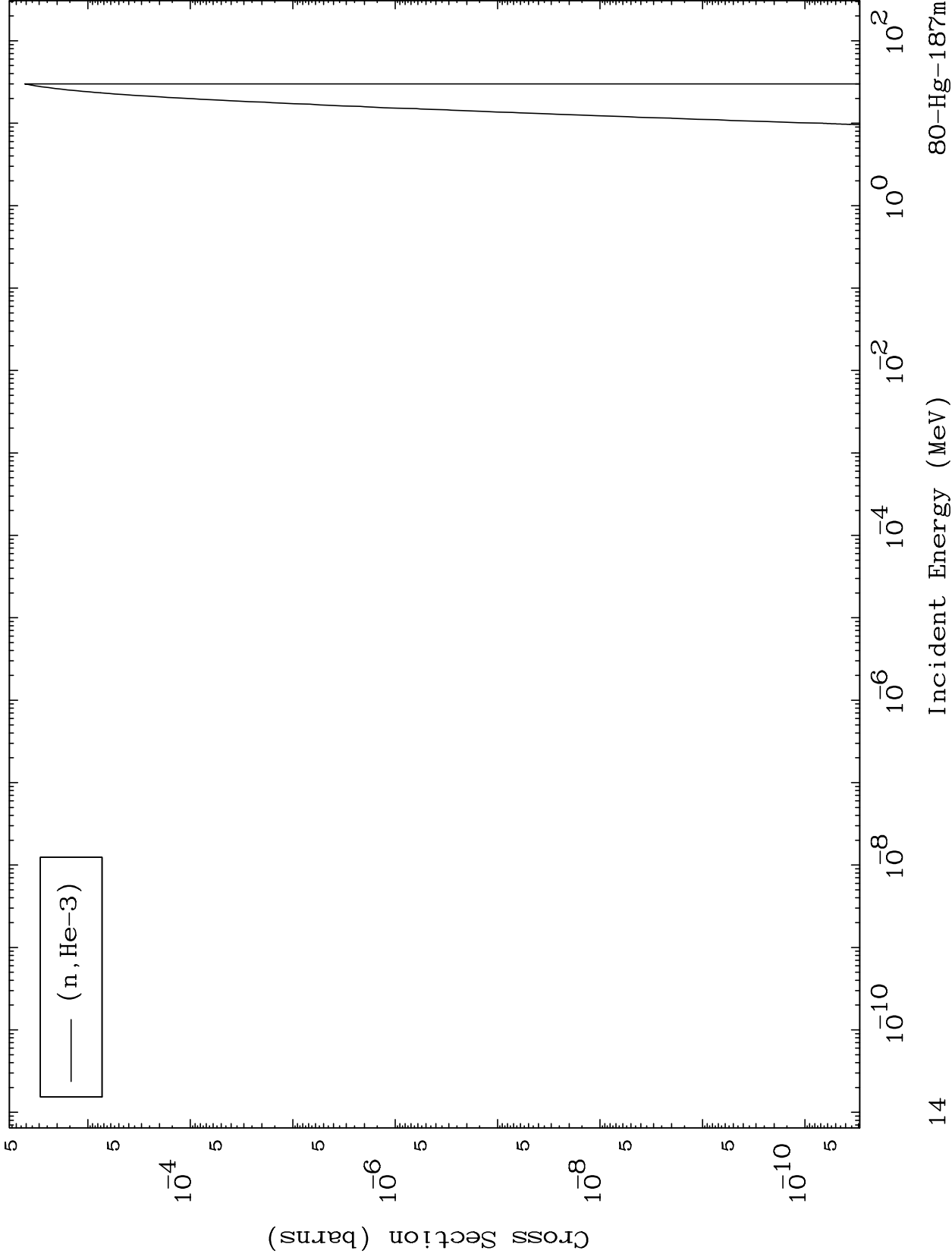
Incident Energy (MeV)

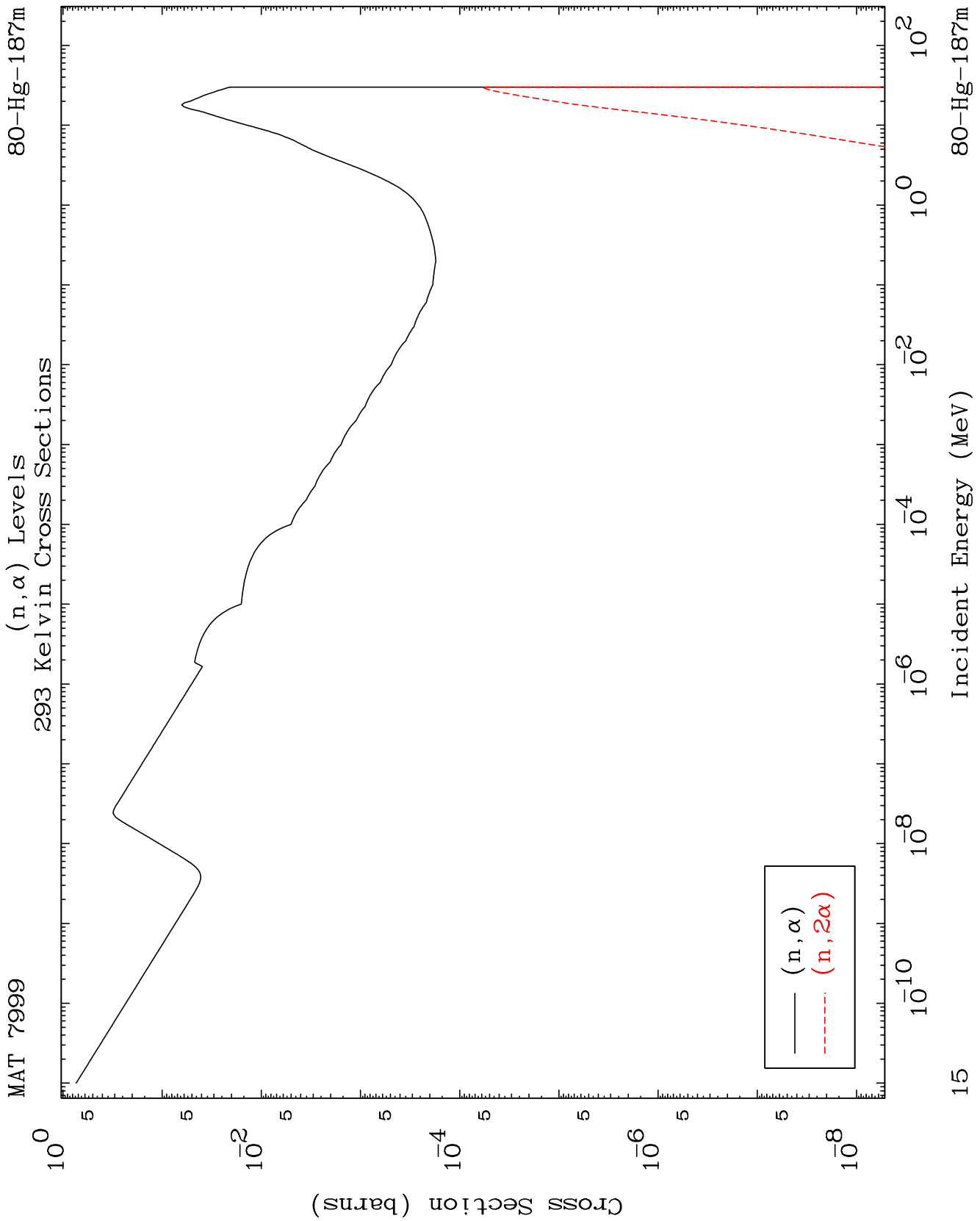
80-Hg-187m

MAT 7999

(n,He3) Levels  
293 Kelvin Cross Sections

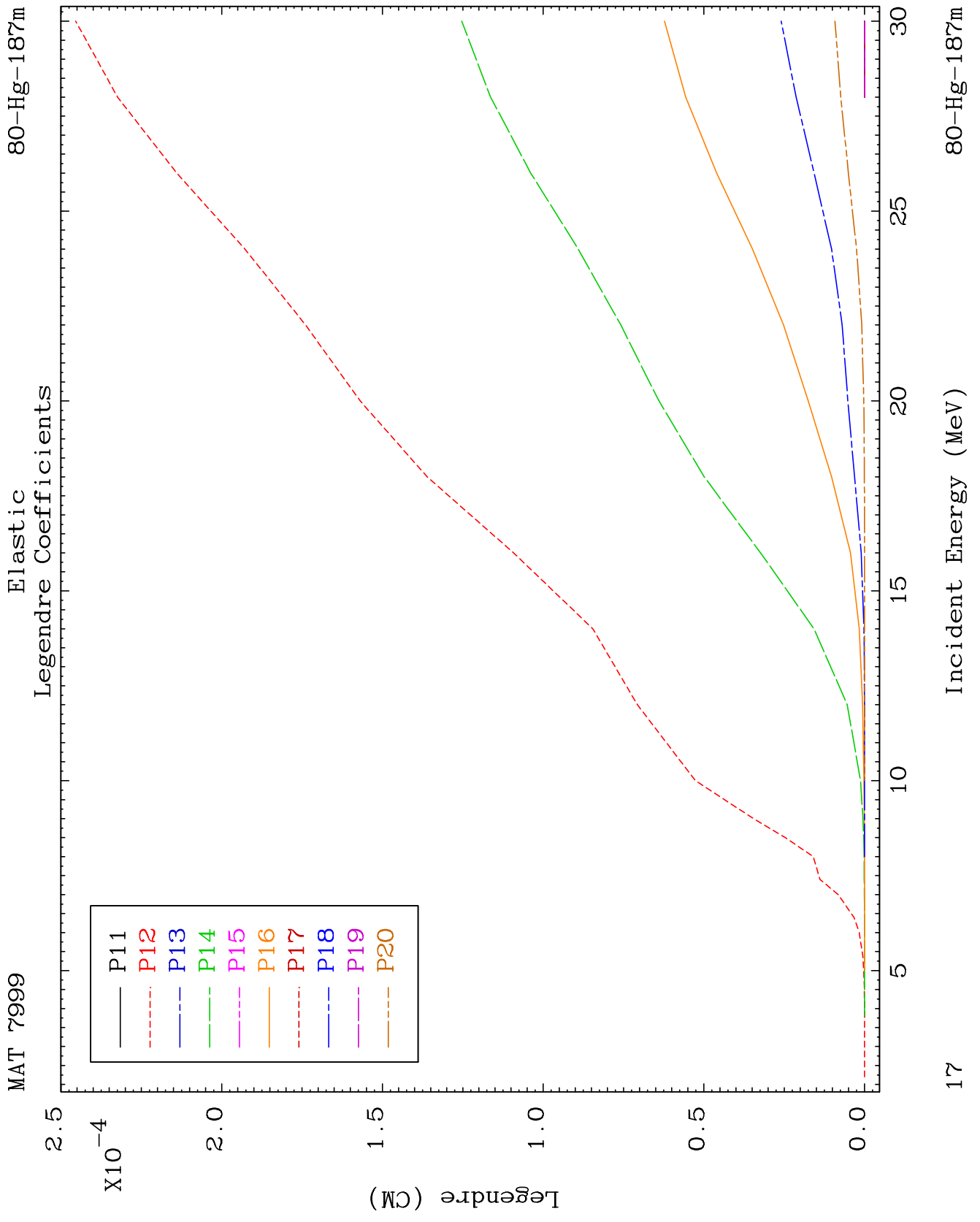
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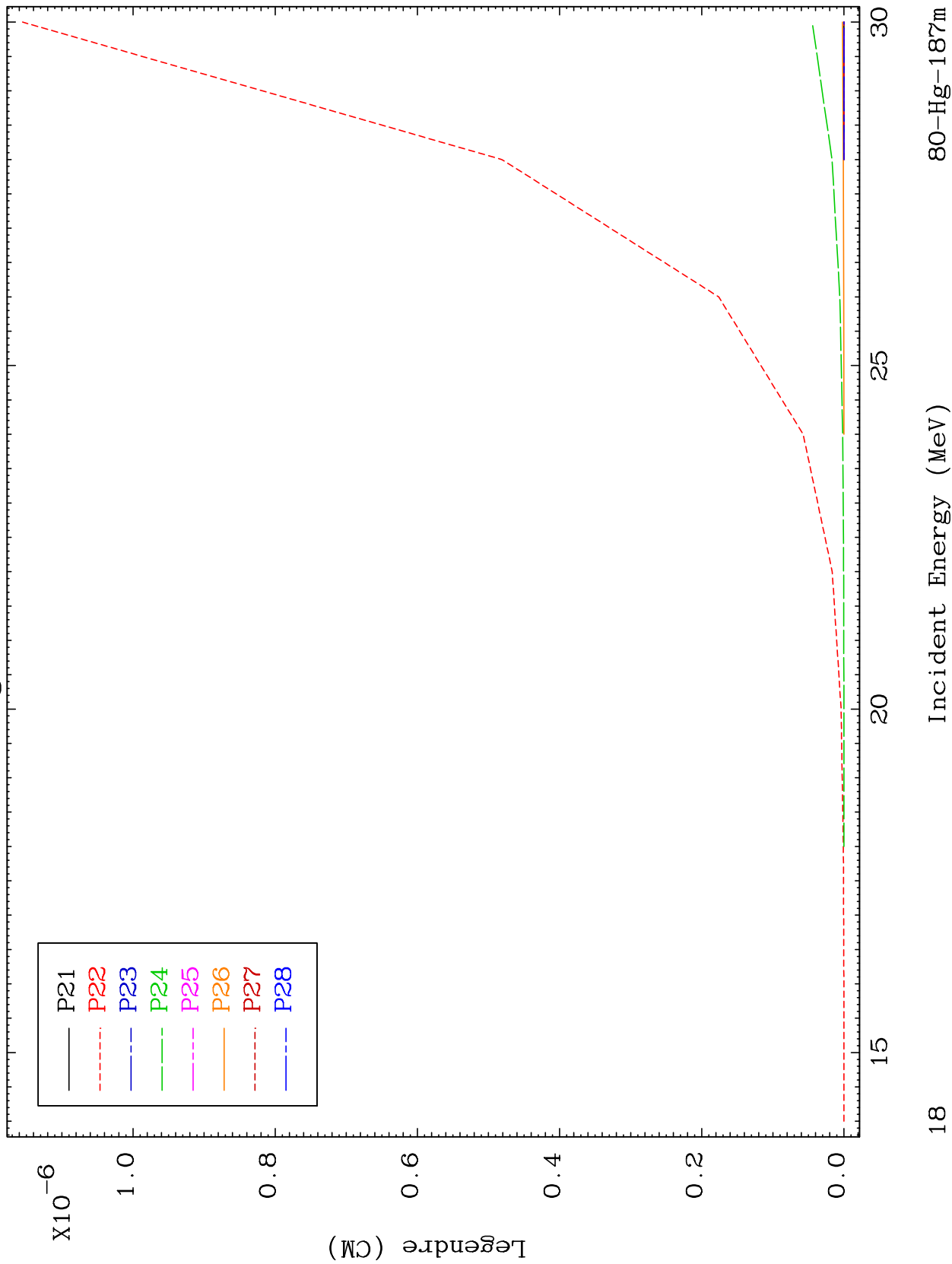




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Elastic Legendre Coefficients

80-Hg-187m



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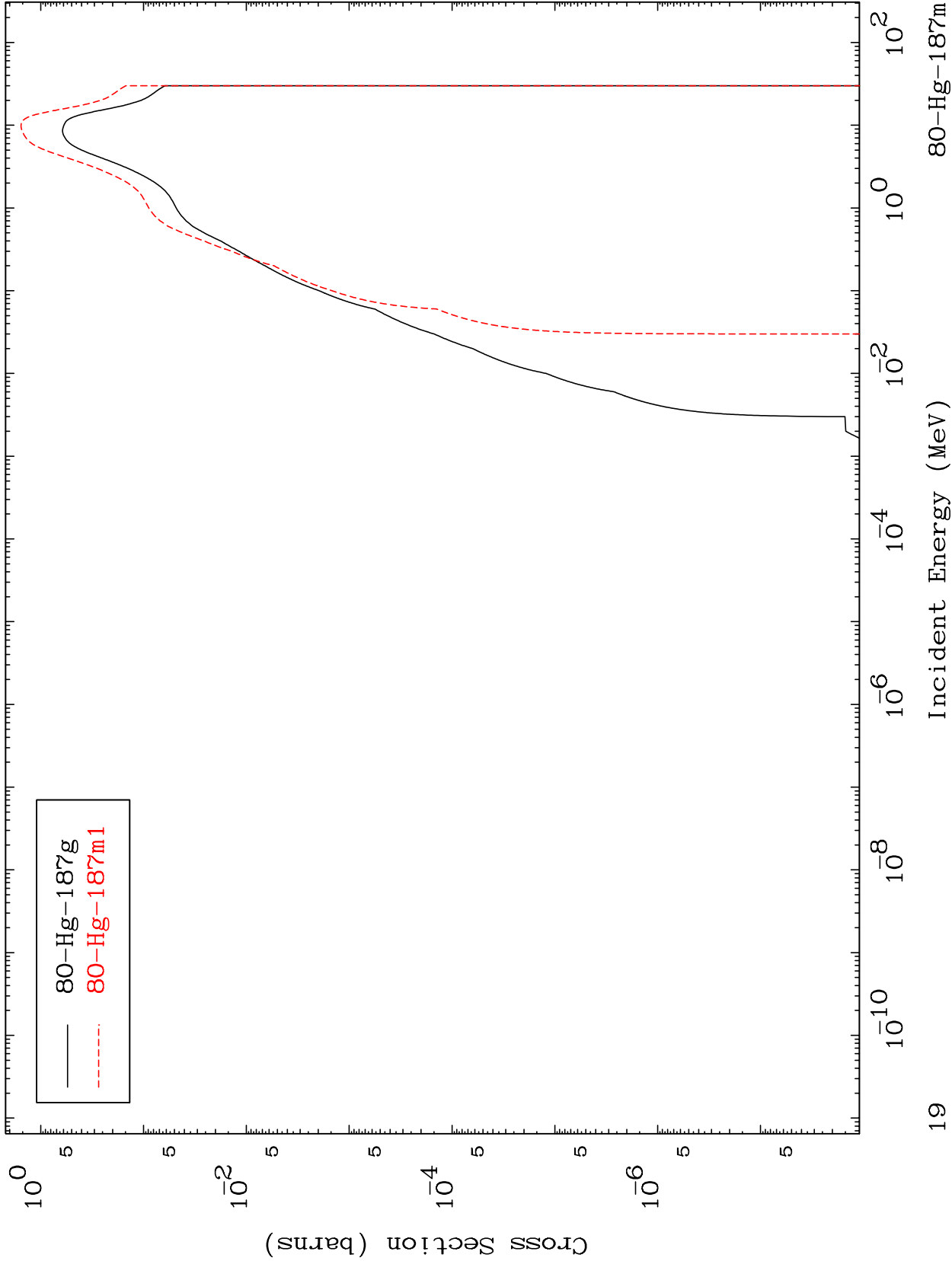
Incident Energy (MeV)

80-Hg-187m

MAT 7999

Inelastic  
Radionuclide Production Cross Section

80-Hg-187m

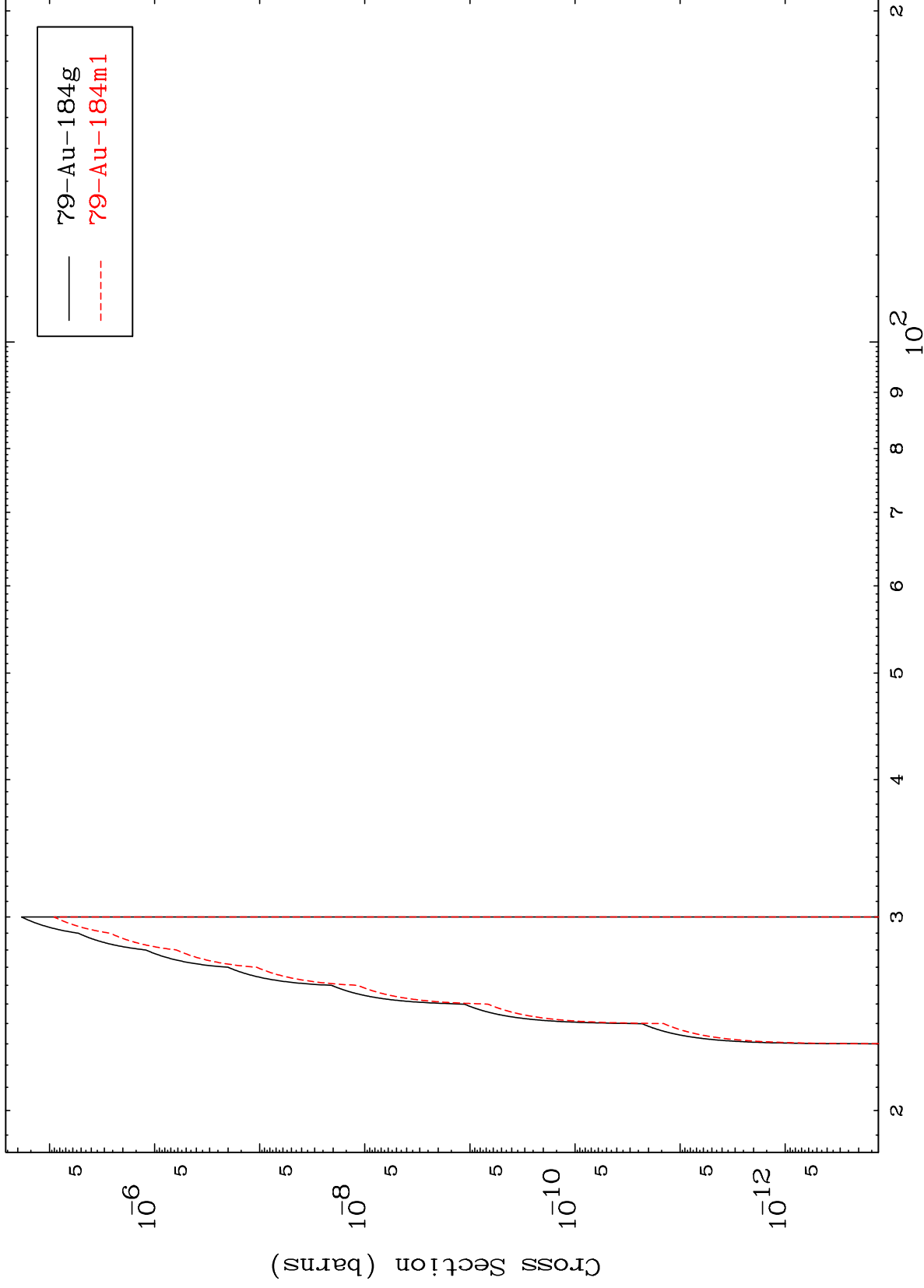


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(n,2n) d

80-Hg-187m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

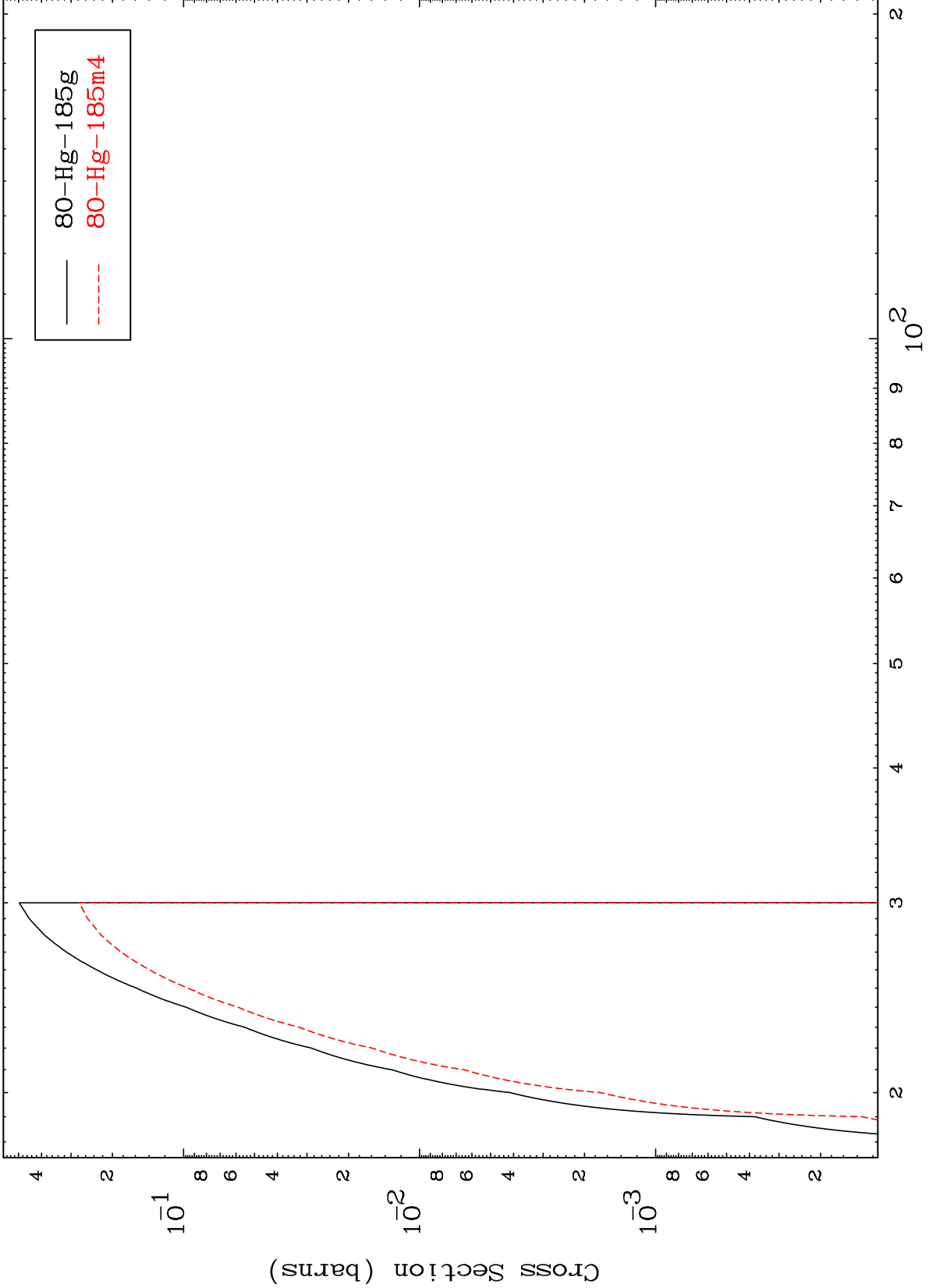
80-Hg-187m

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(n,3n)

80-Hg-187m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

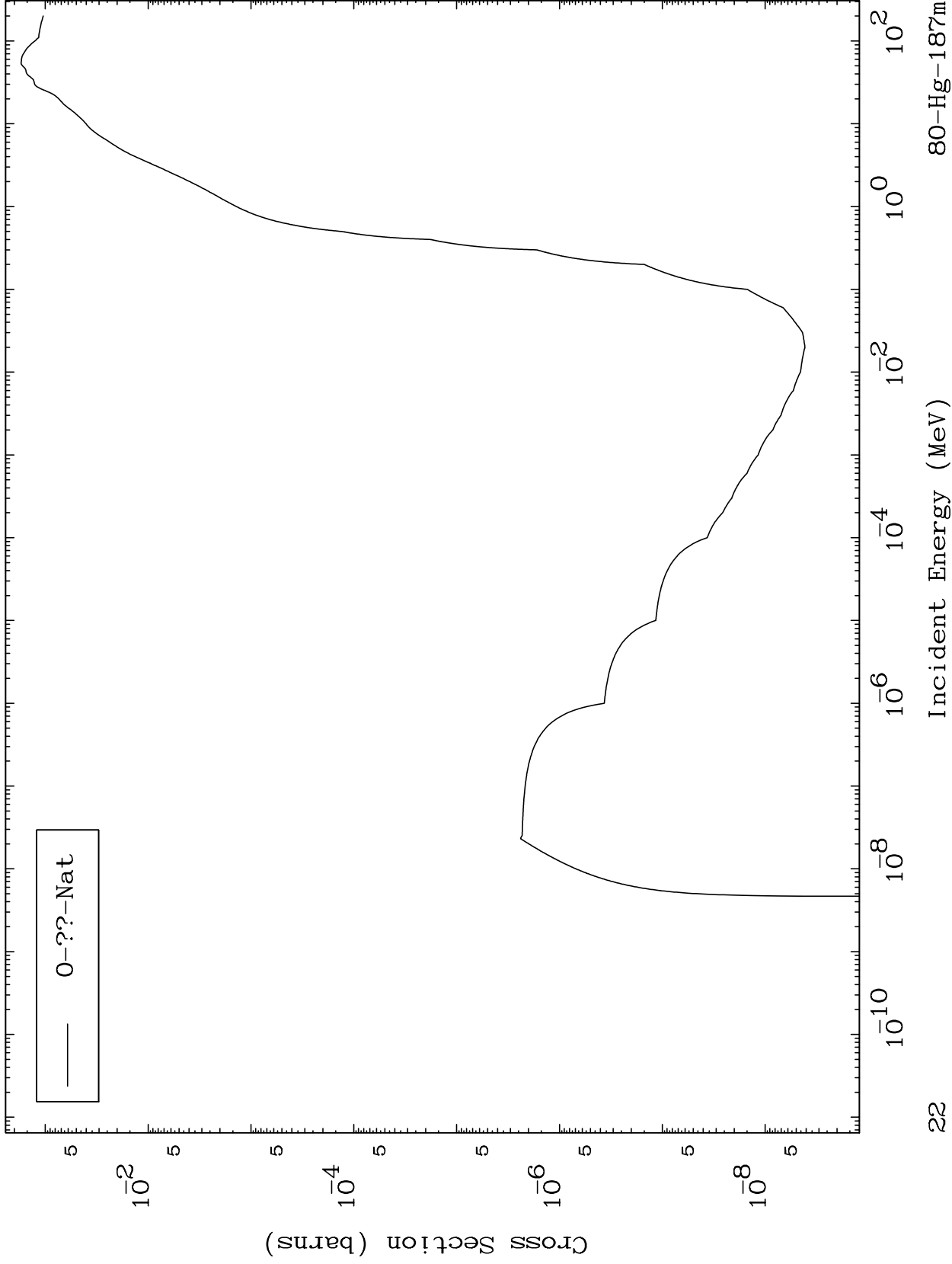
80-Hg-187m

MAT 7999

Fission

80-Hg-187m

Radionuclide Production Cross Section

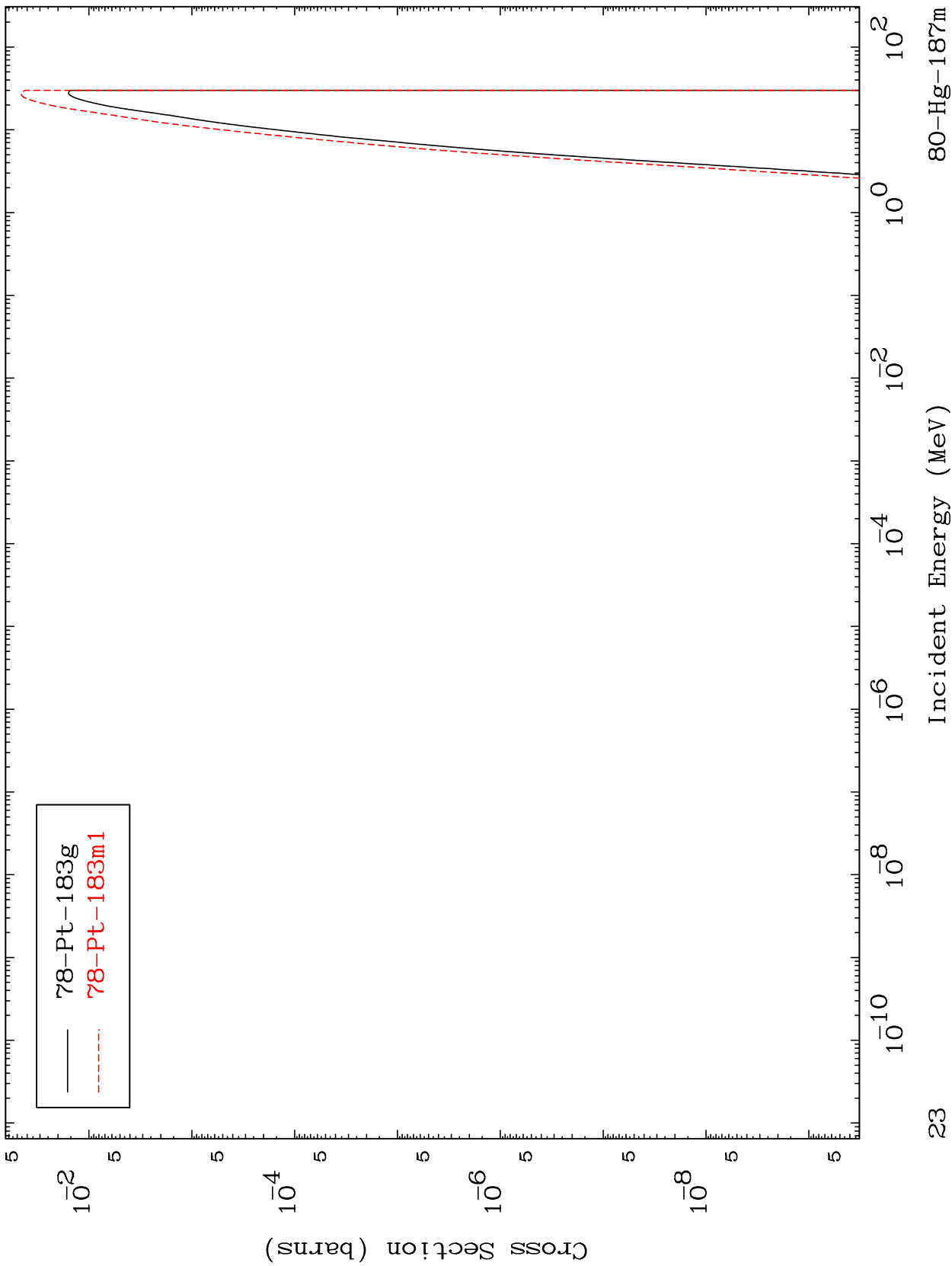


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$(n, n') \alpha$

80-Hg-187m

Radionuclide Production Cross Section



78-Pt-183g  
78-Pt-183m1

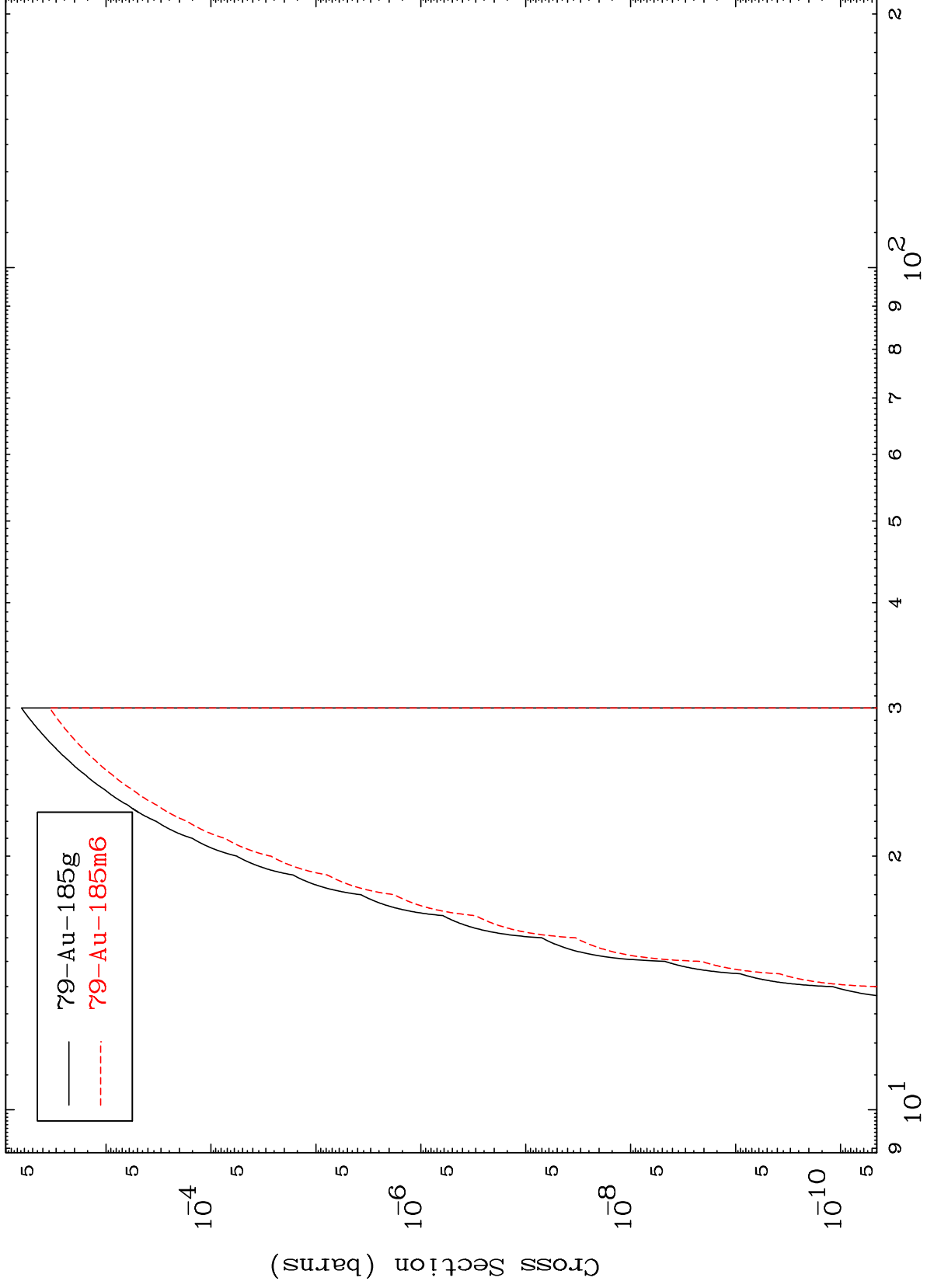


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(n,n') d

80-Hg-187m

Radionuclide Production Cross Section

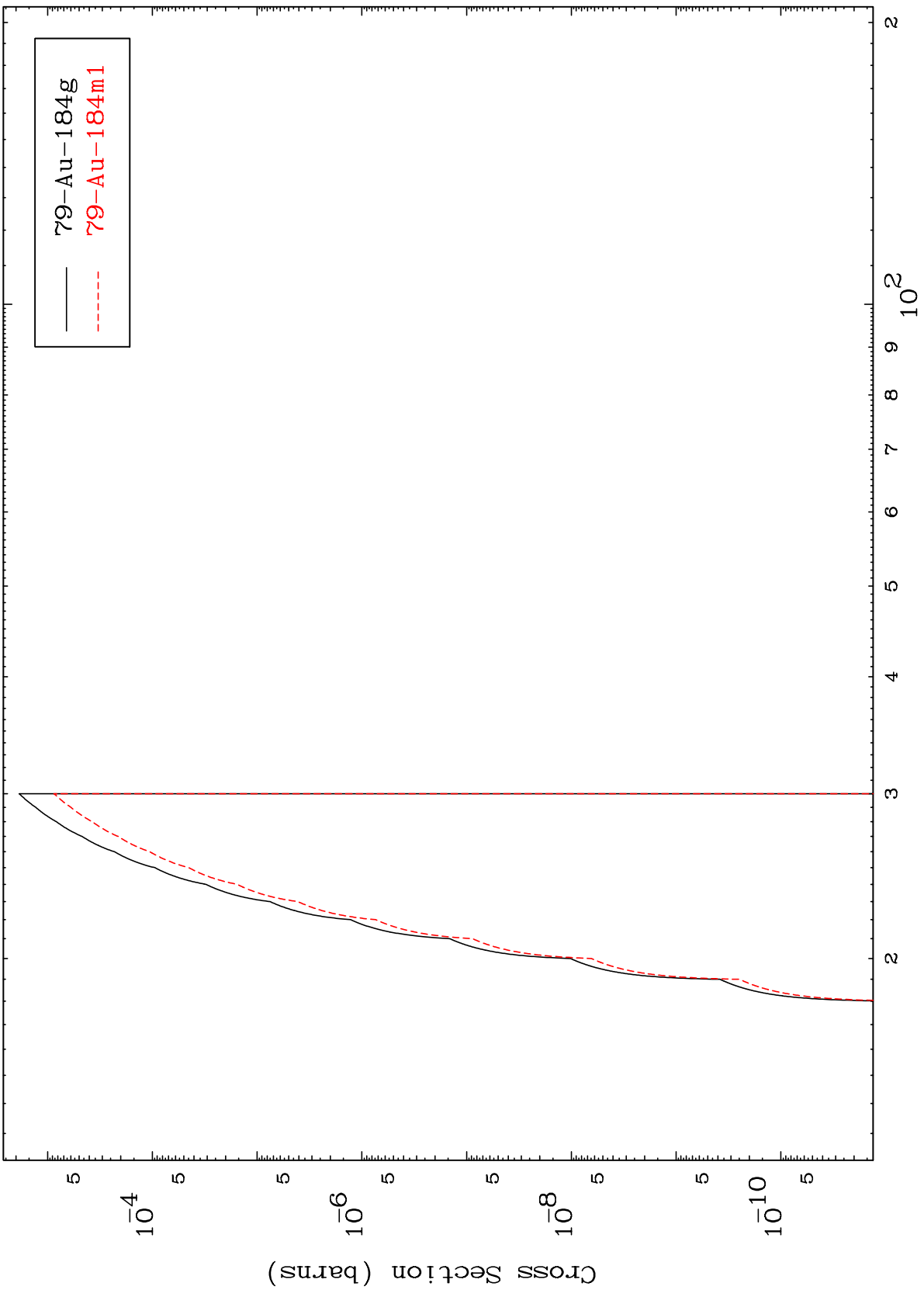


24

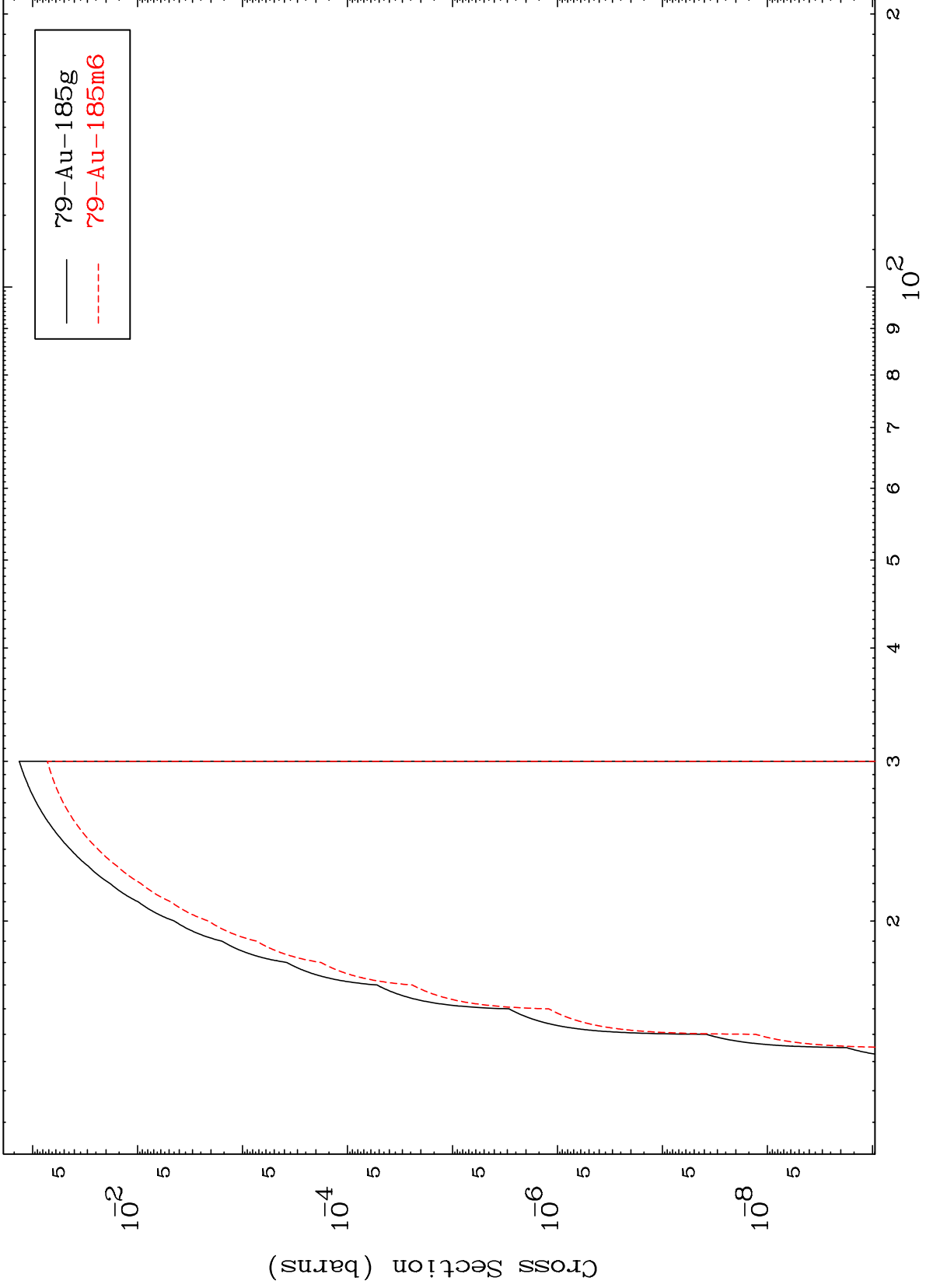
Incident Energy (MeV)

80-Hg-187m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

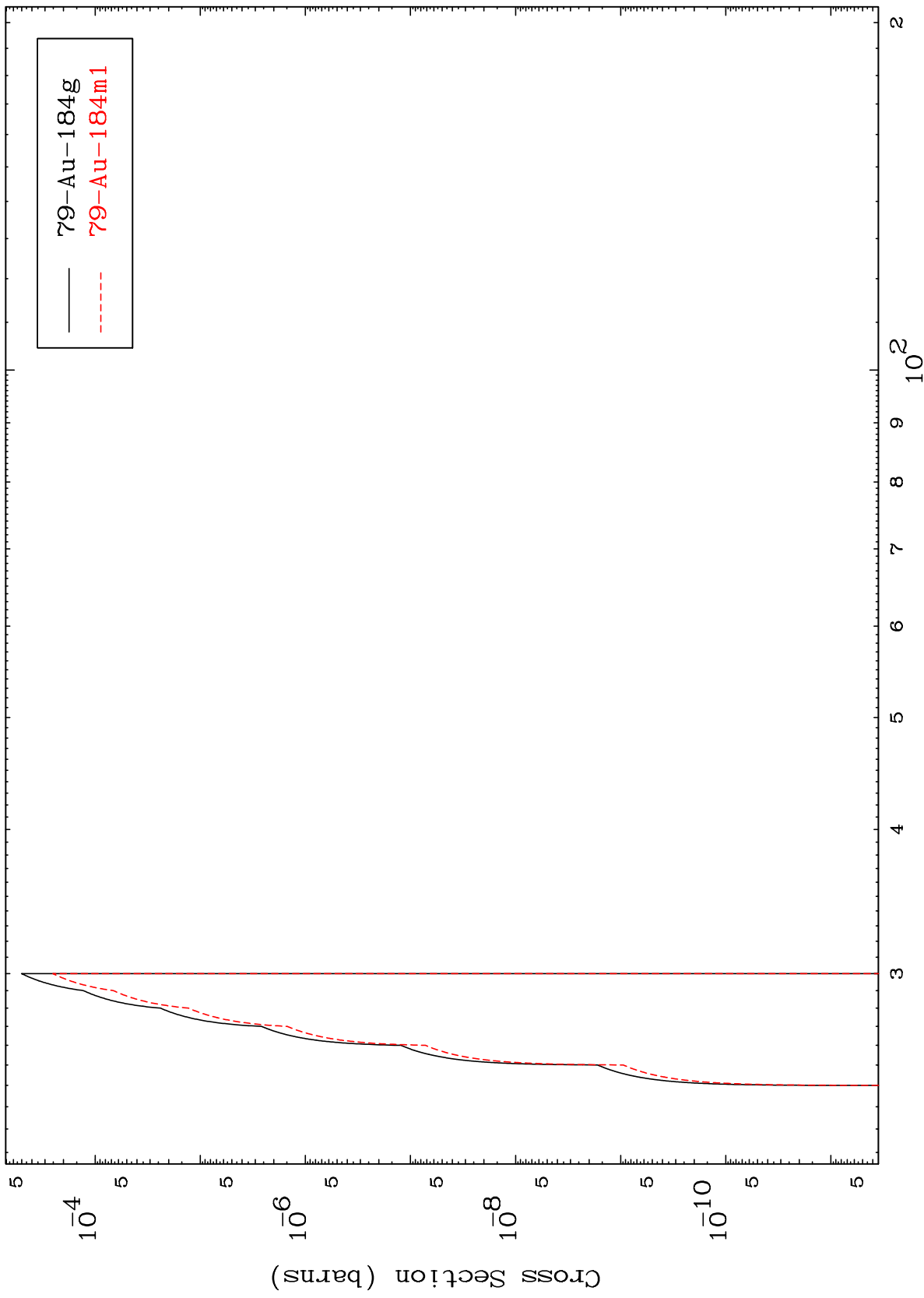


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(n,3n) p

80-Hg-187m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

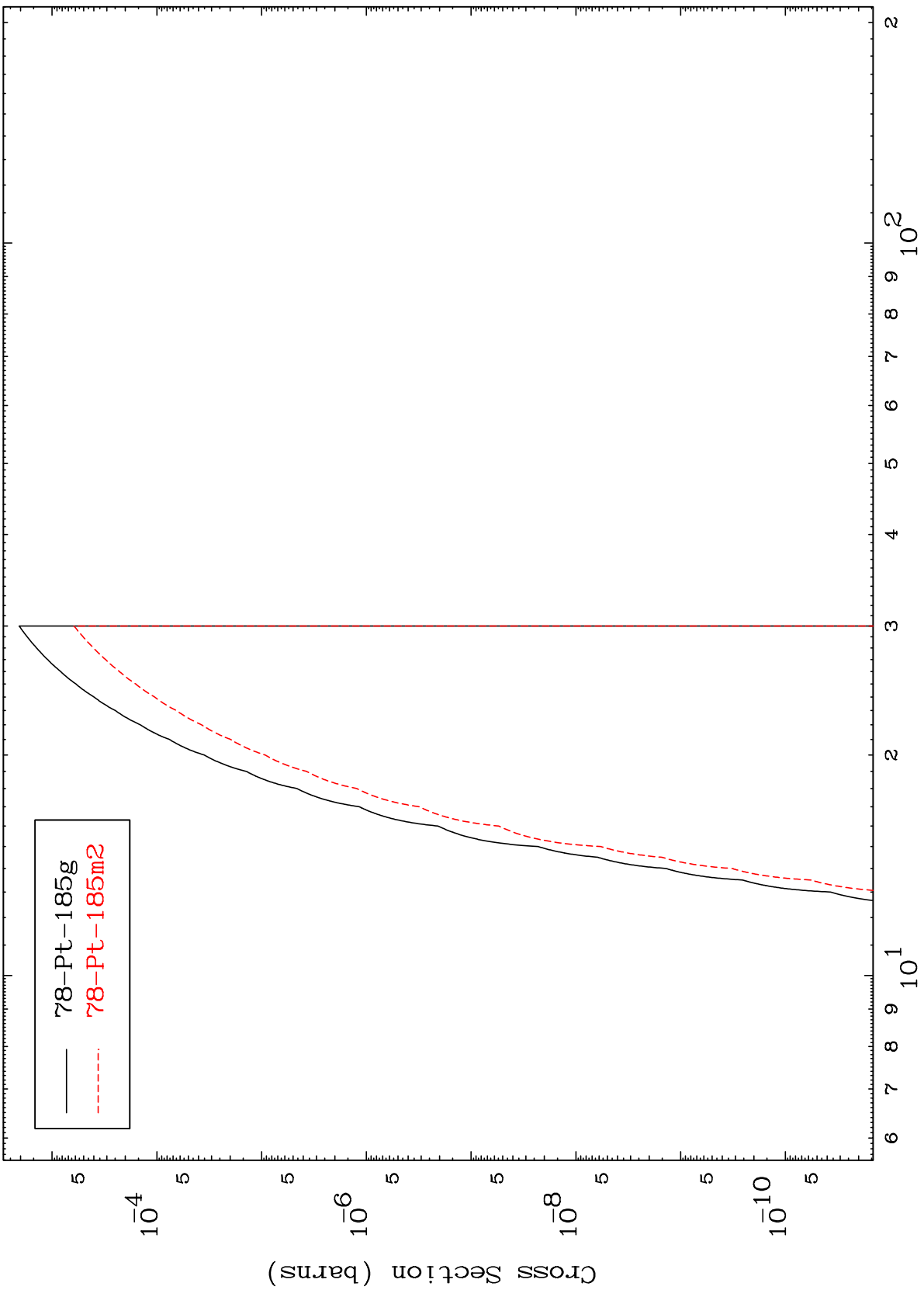
80-Hg-187m

MAT 7999

(n,2n) p

80-Hg-187m

Radionuclide Production Cross Section



78-Pt-185g  
78-Pt-185m2

28

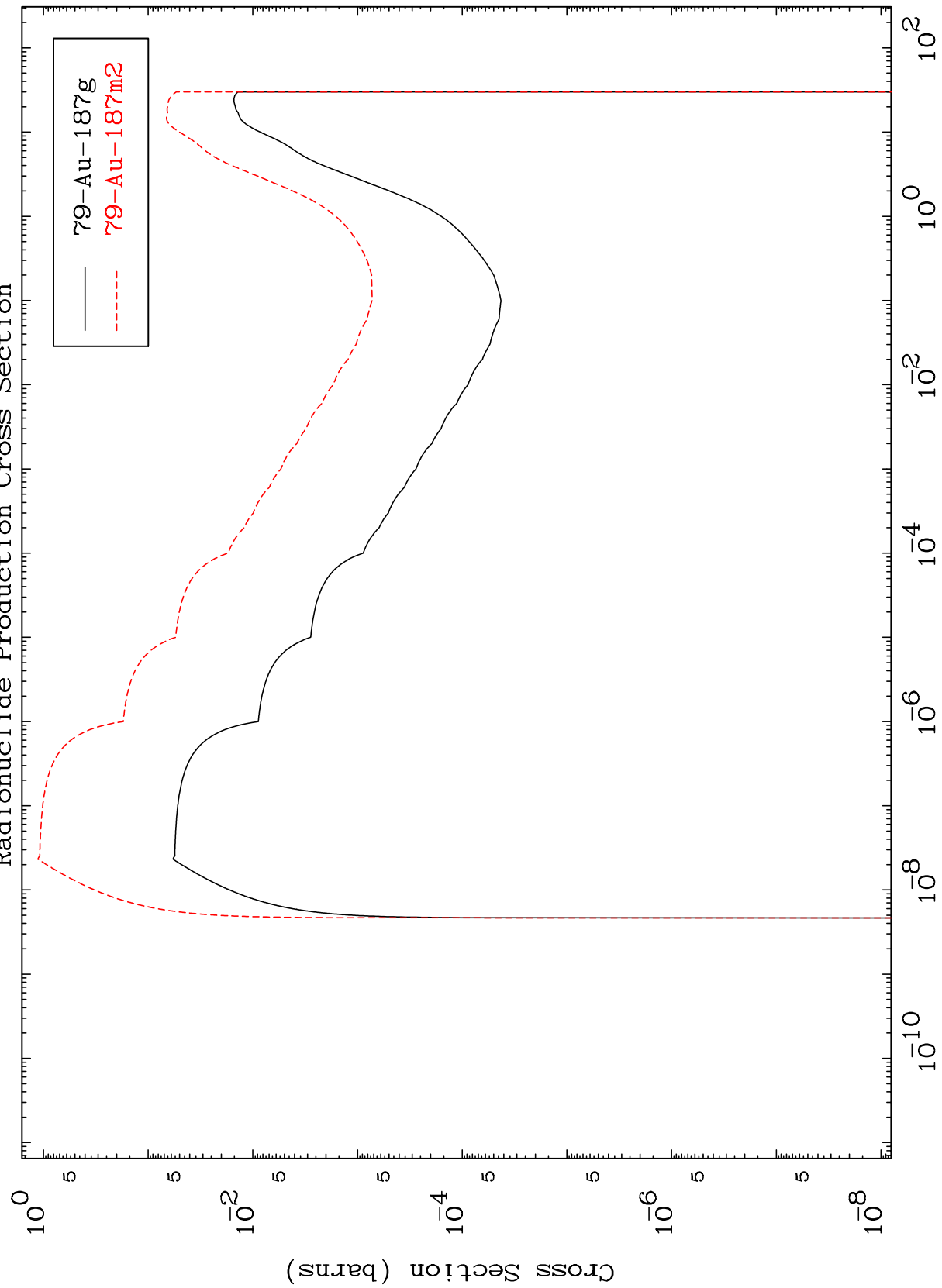
Incident Energy (MeV)

80-Hg-187m

MAT 7999

80-Hg-187m

(n,p)  
Radionuclide Production Cross Section

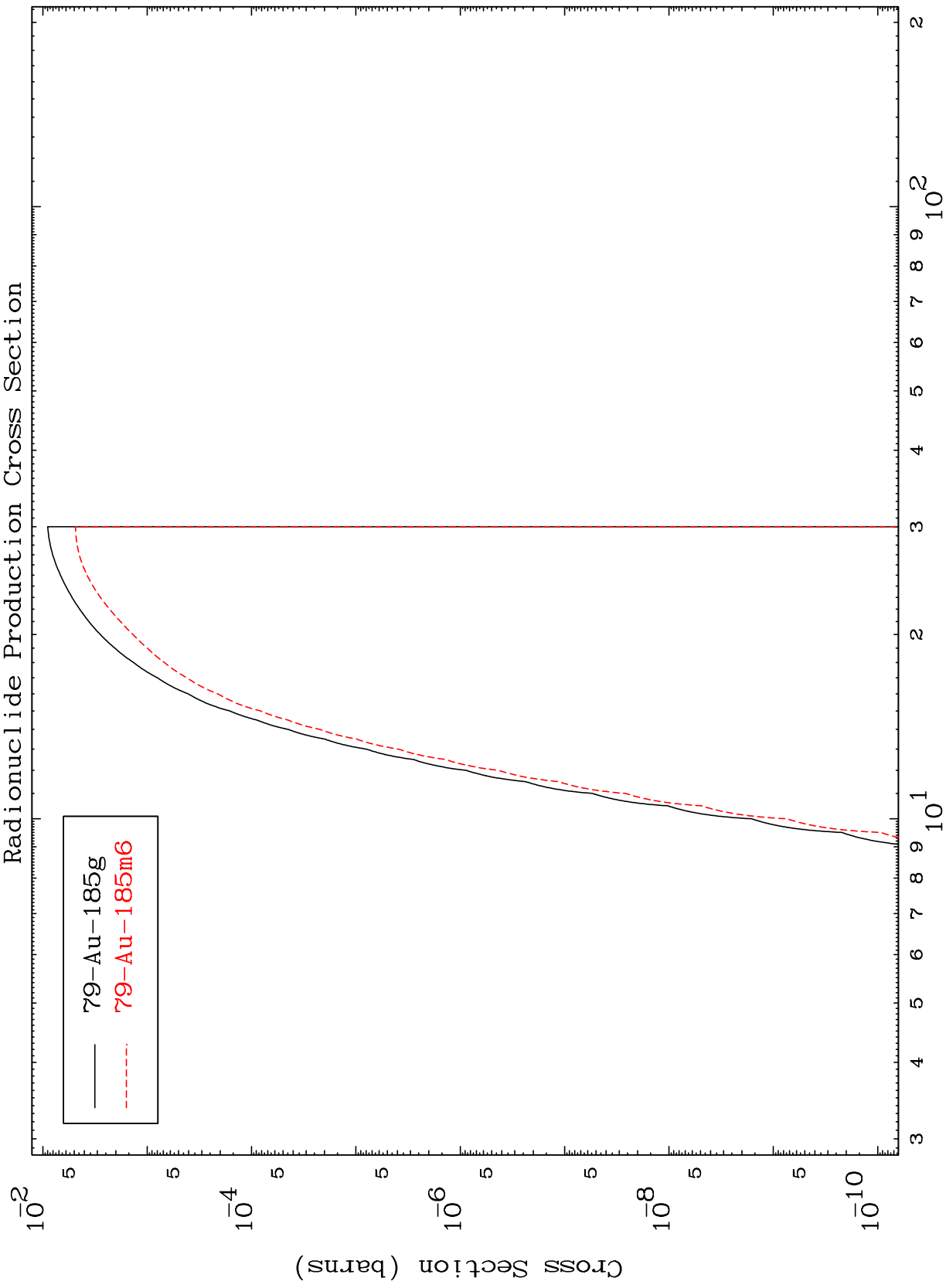


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80-Hg-187m

Radionuclide Production Cross Section

(n, t)



30

Incident Energy (MeV)

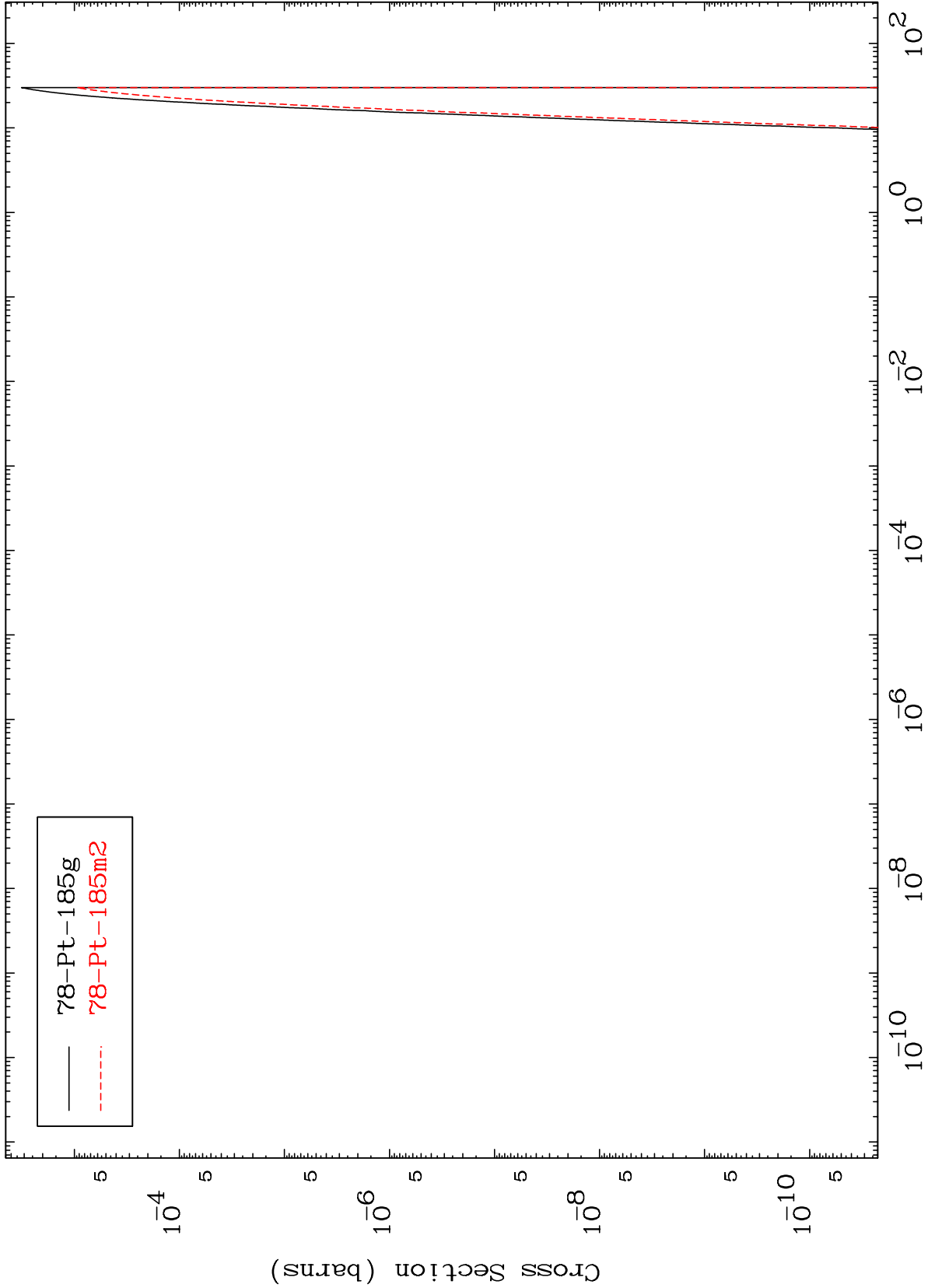
80-Hg-187m

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(n,He-3)

80-Hg-187m

Radionuclide Production Cross Section



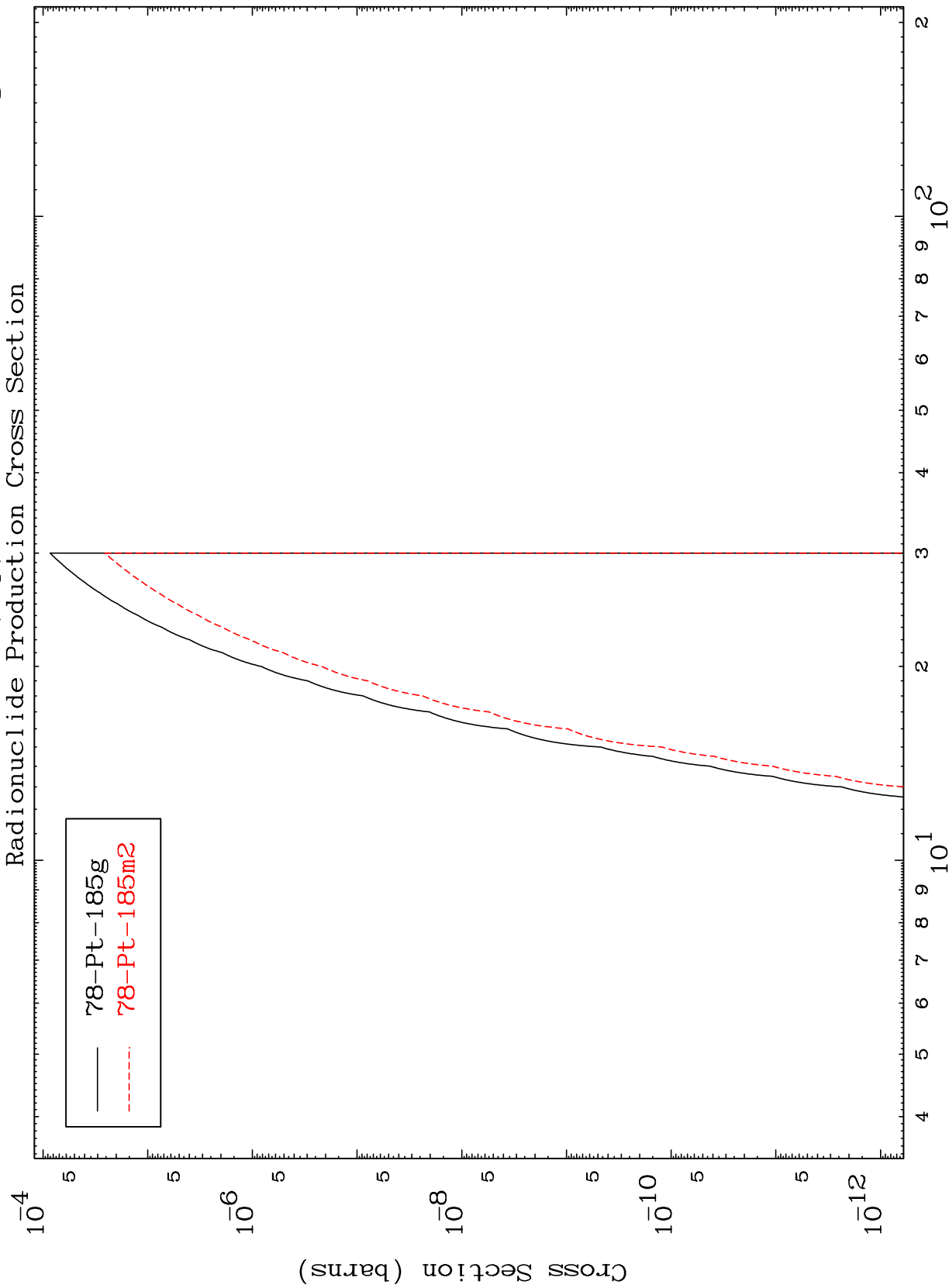


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(n,p) d

80-Hg-187m

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-187m

32