

Program EVALPLOT
(Version 2021-1)

by

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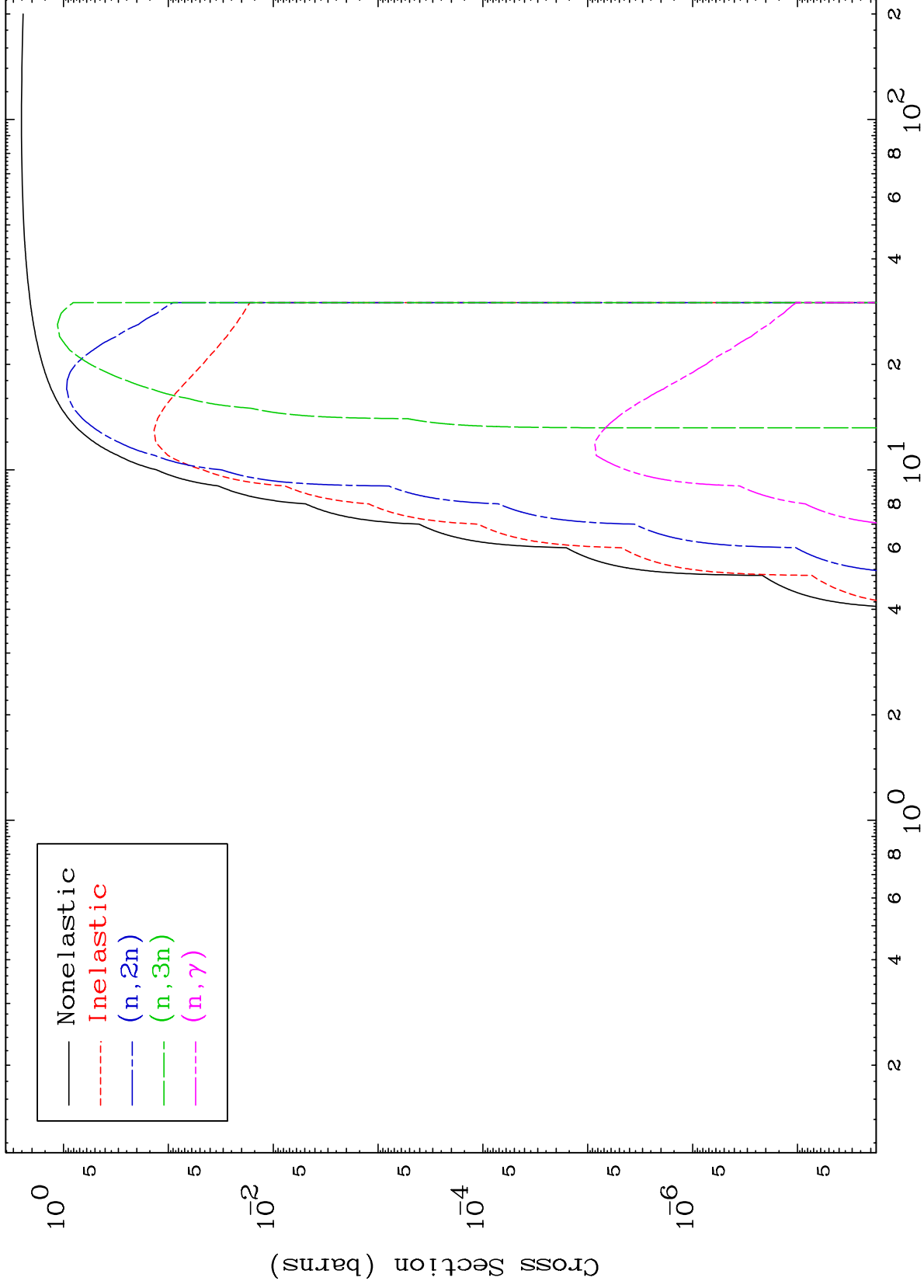
Press Mouse Button to Start

MAT 7902

Triton Major

$^{79}\text{Au-189m}$

0 Kelvin Cross Sections



1

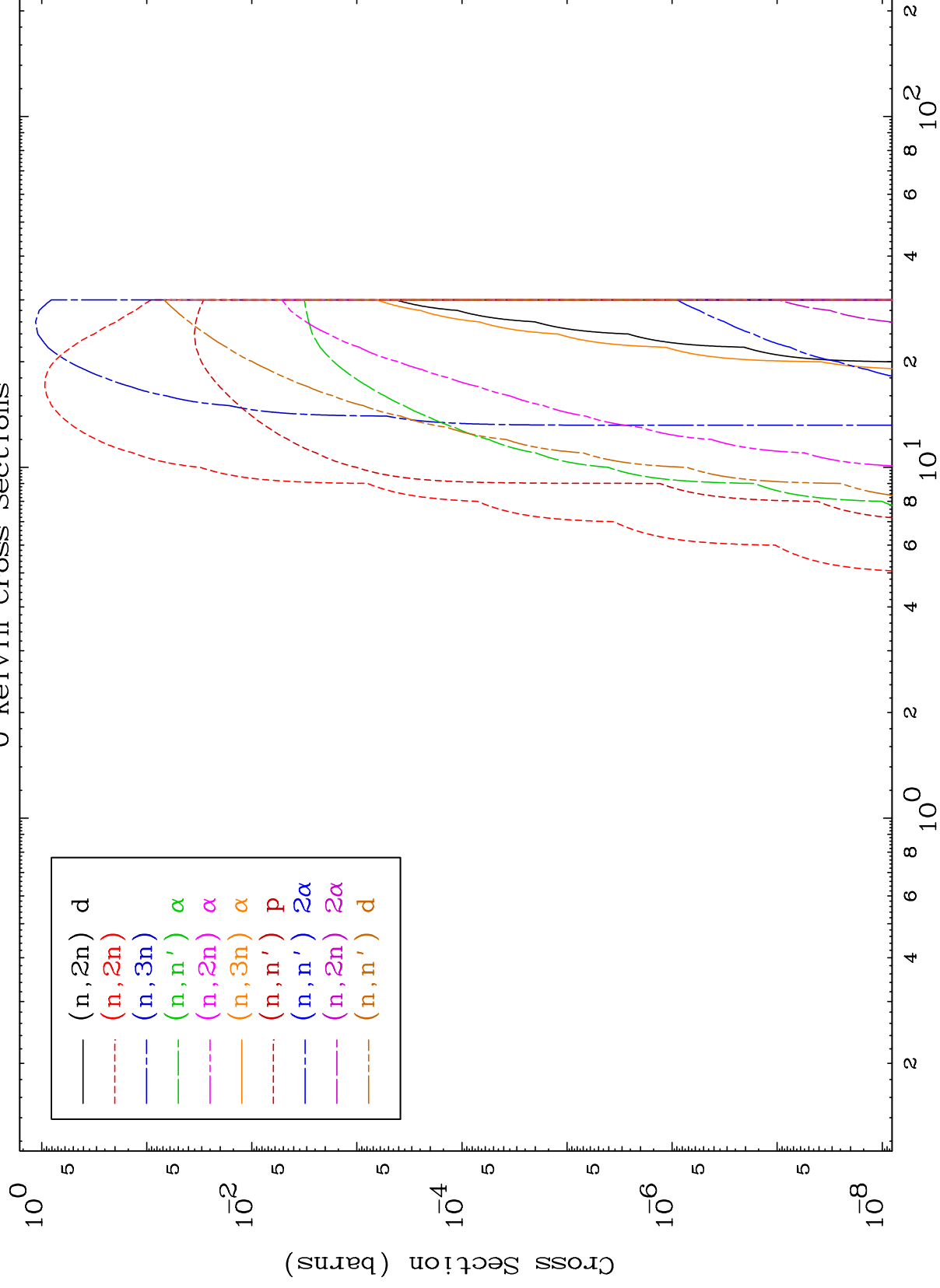
Incident Energy (MeV)

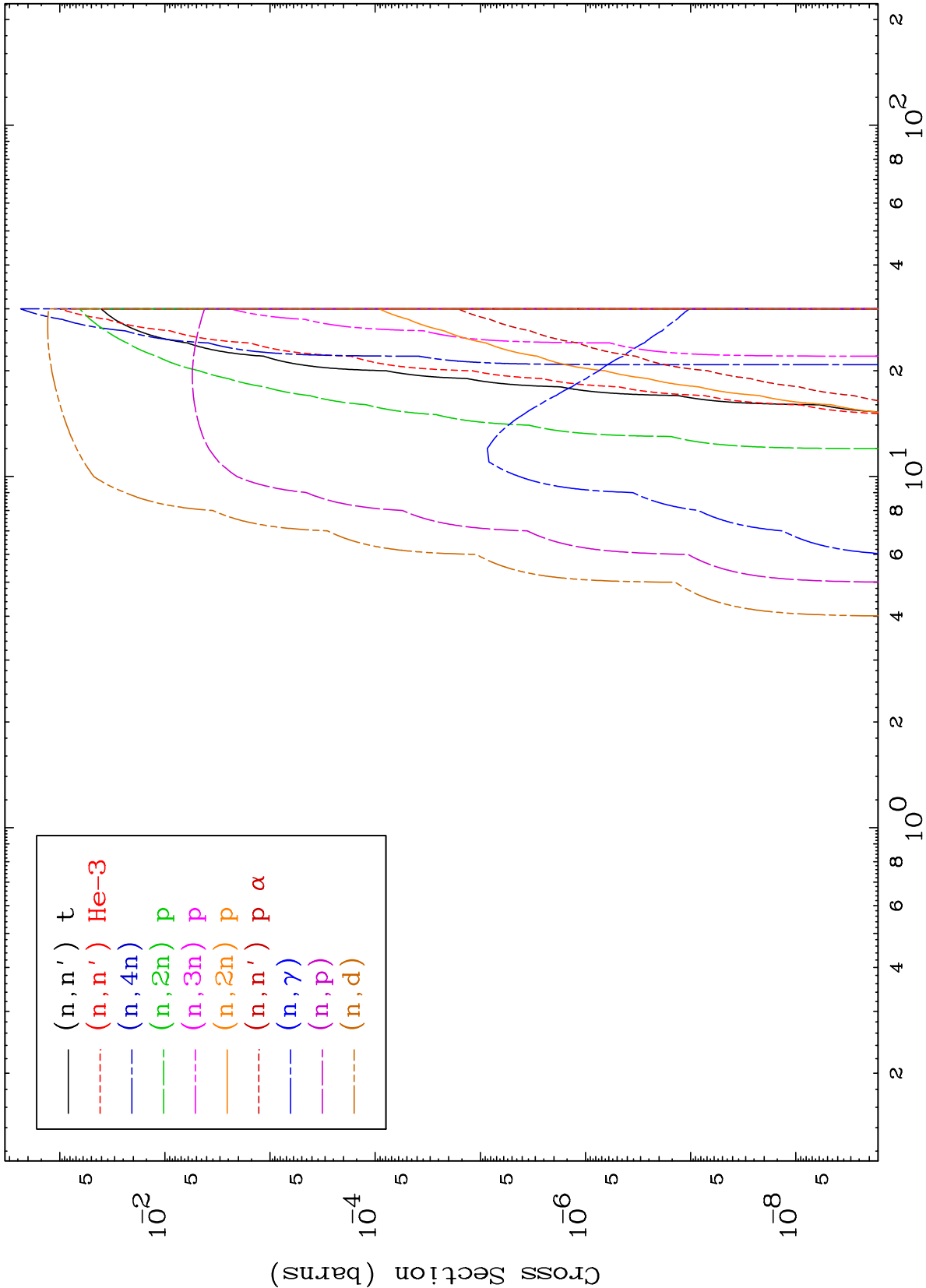
$^{79}\text{Au-189m}$

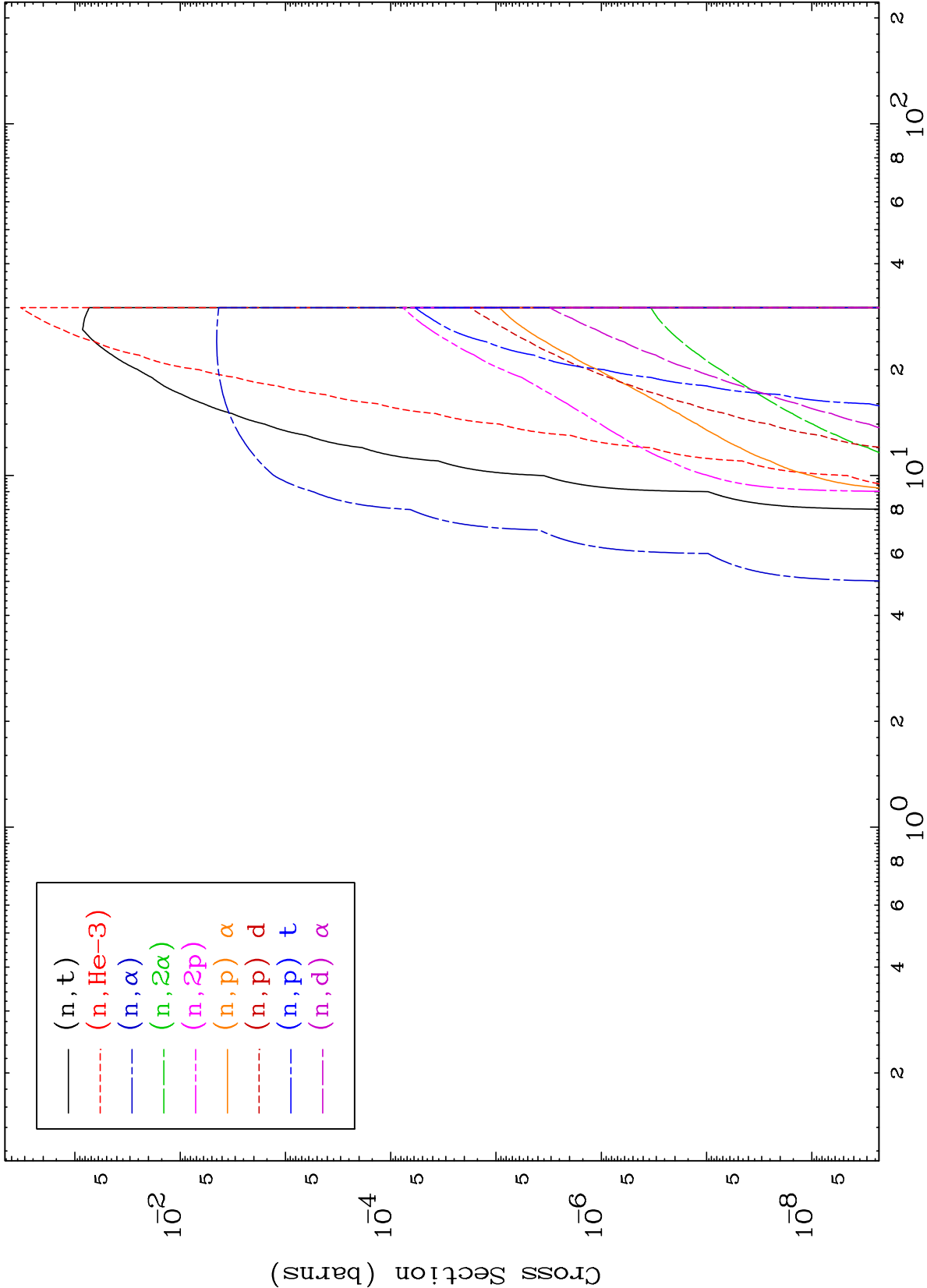
MAT 7902

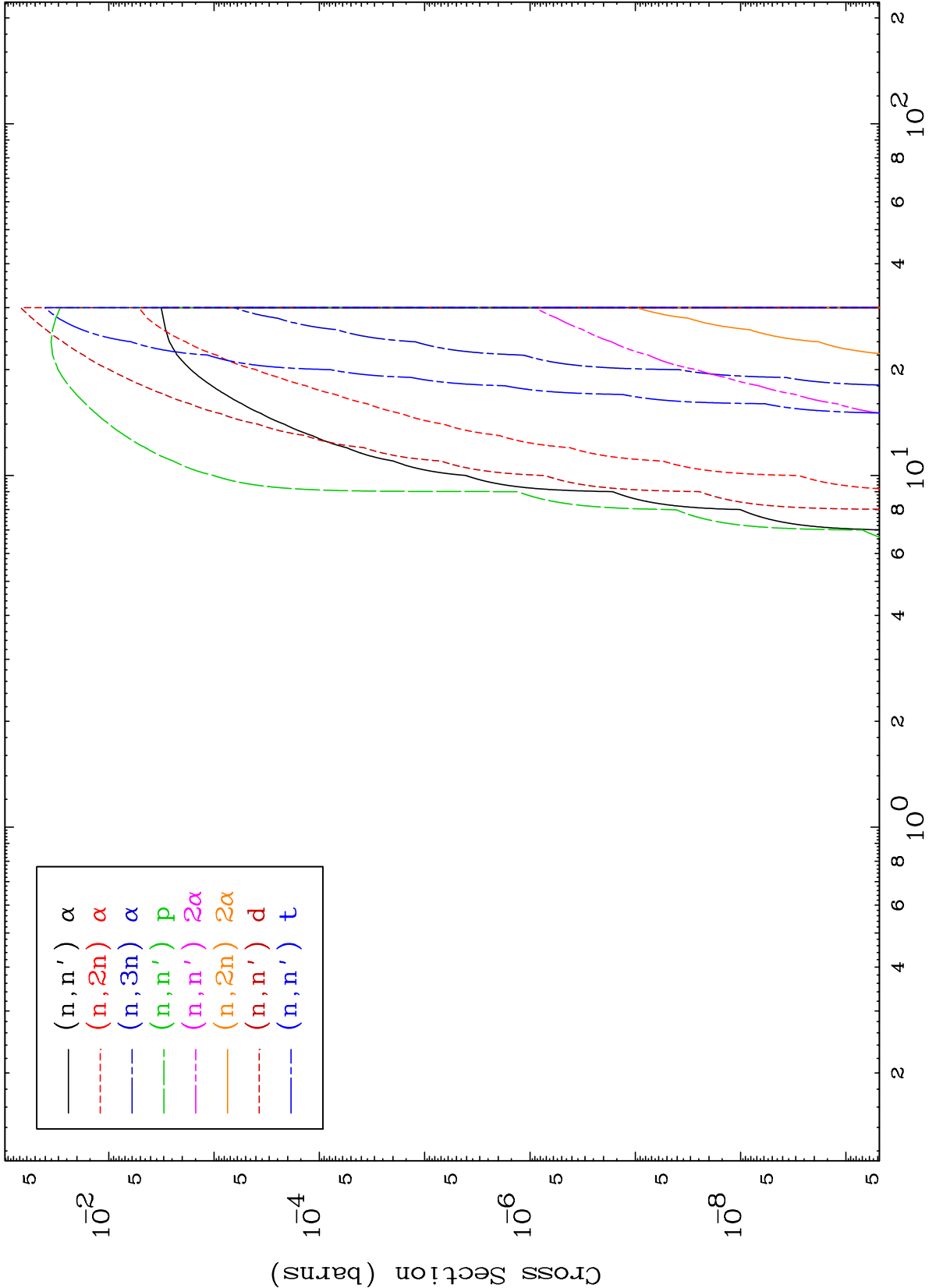
Triton Neutron Absorption
0 Kelvin Cross Sections

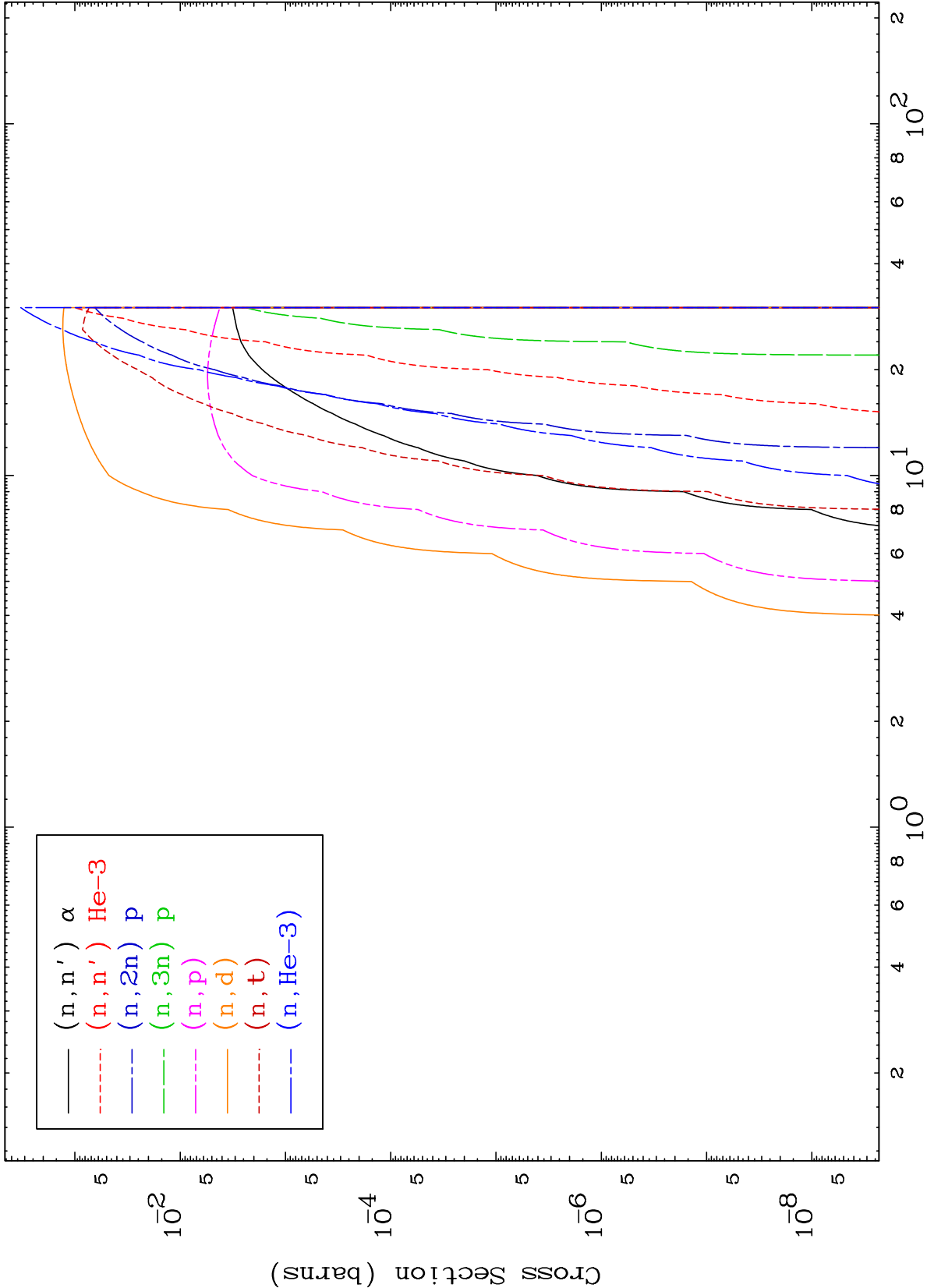
⁷⁹Au-189m

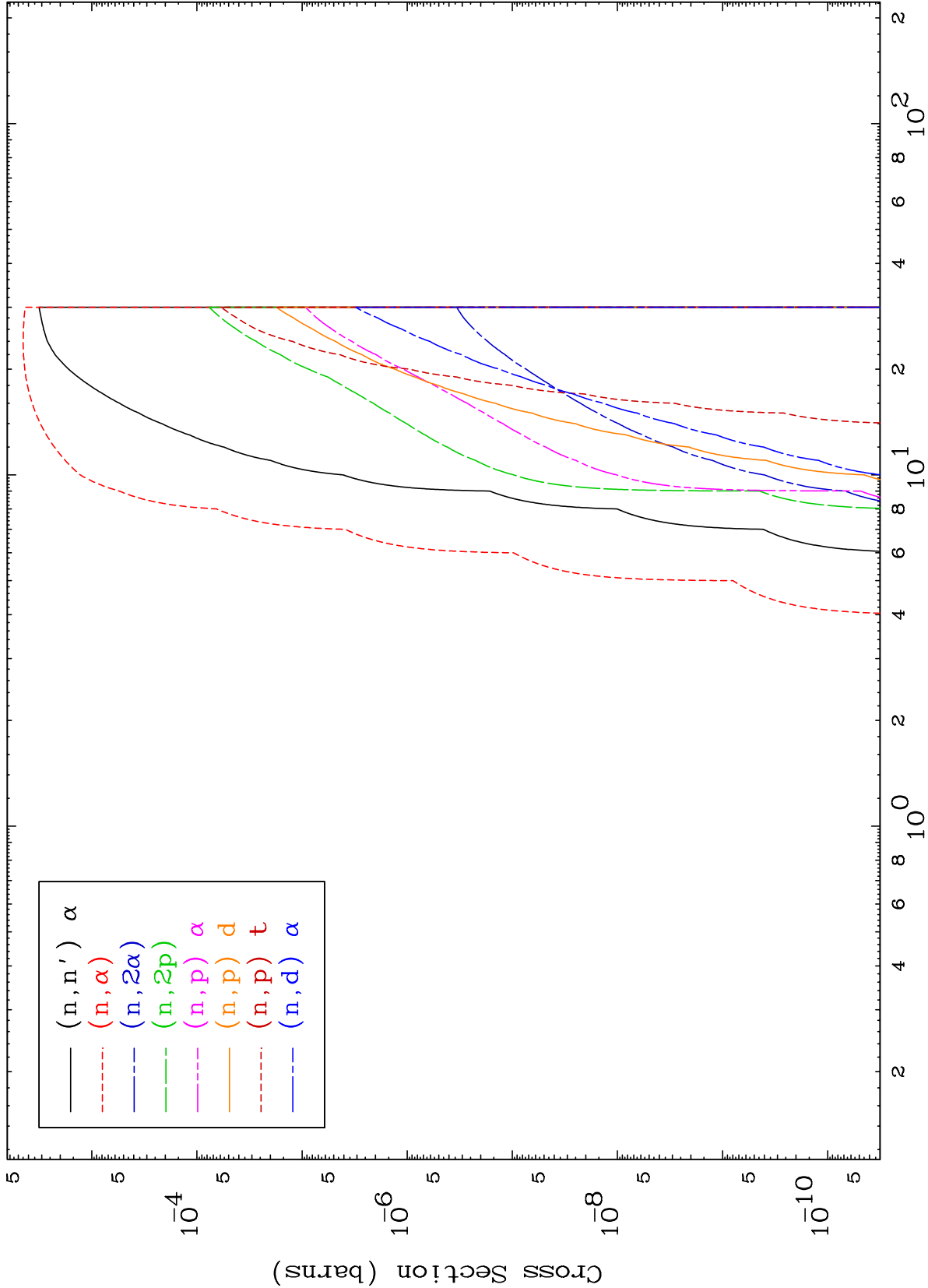








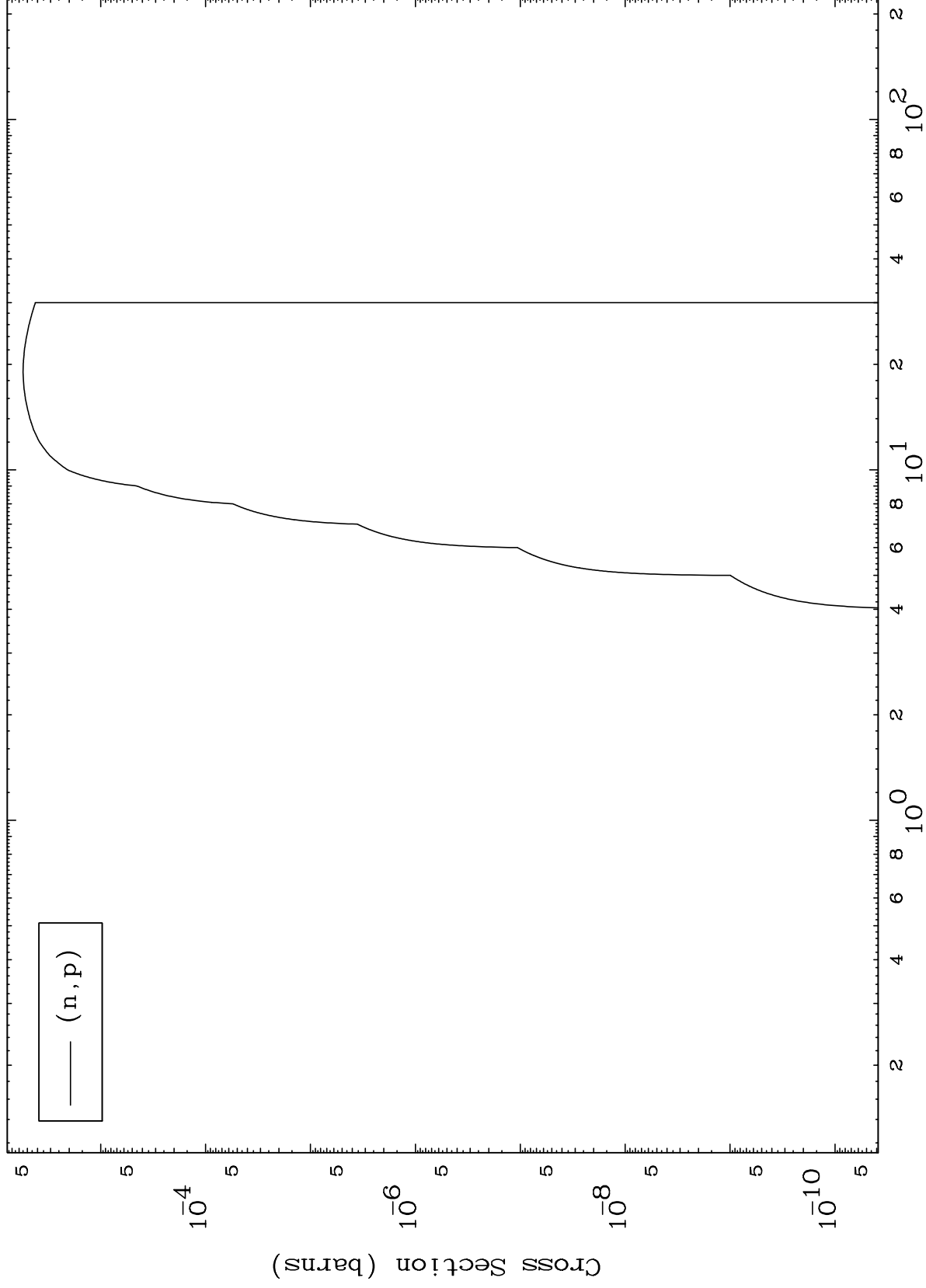




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79-Au-189m

(t,p) Levels
0 Kelvin Cross Sections



8

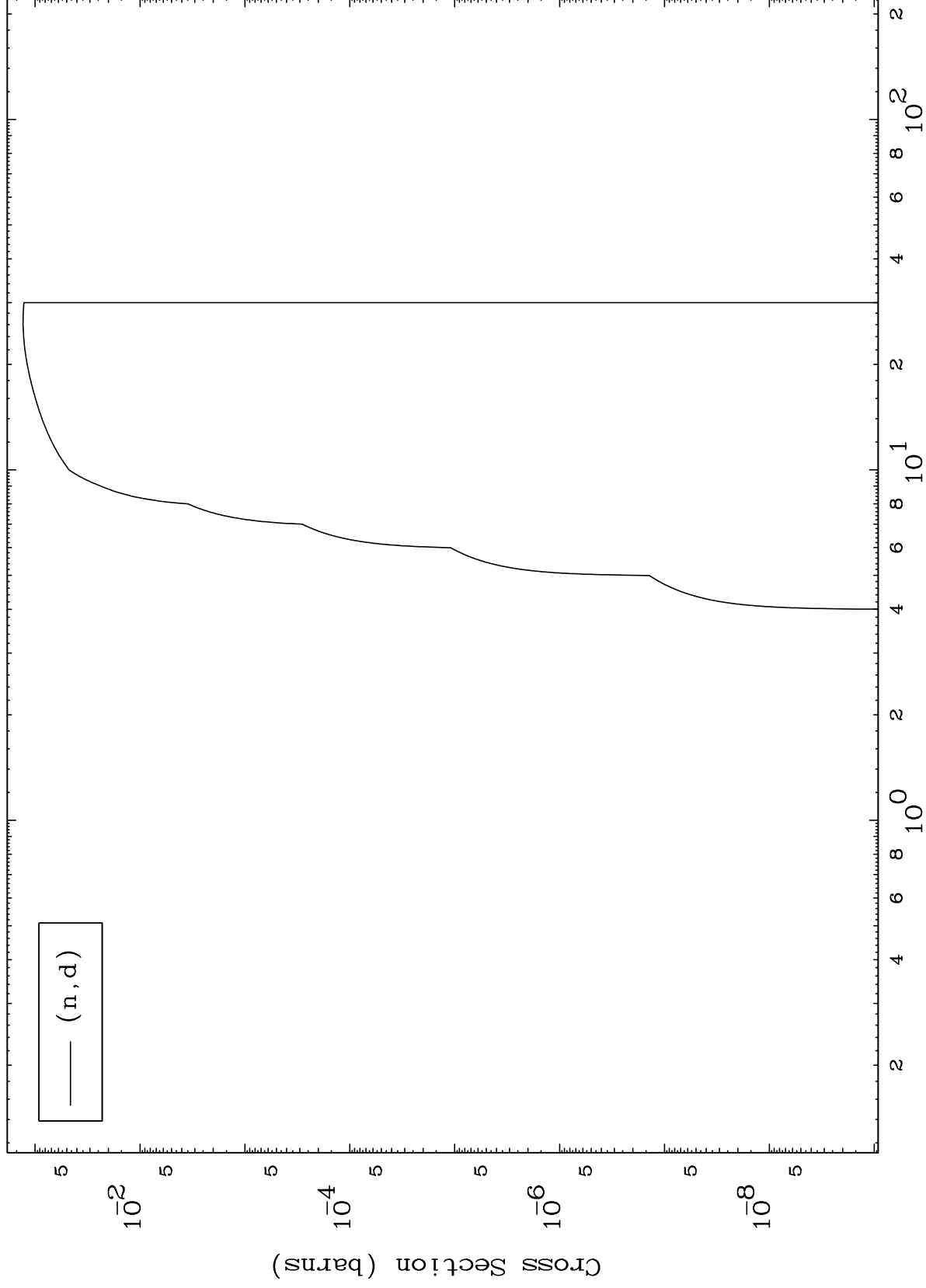
79-Au-189m

Incident Energy (MeV)

MAT 7902

79-Au-189m

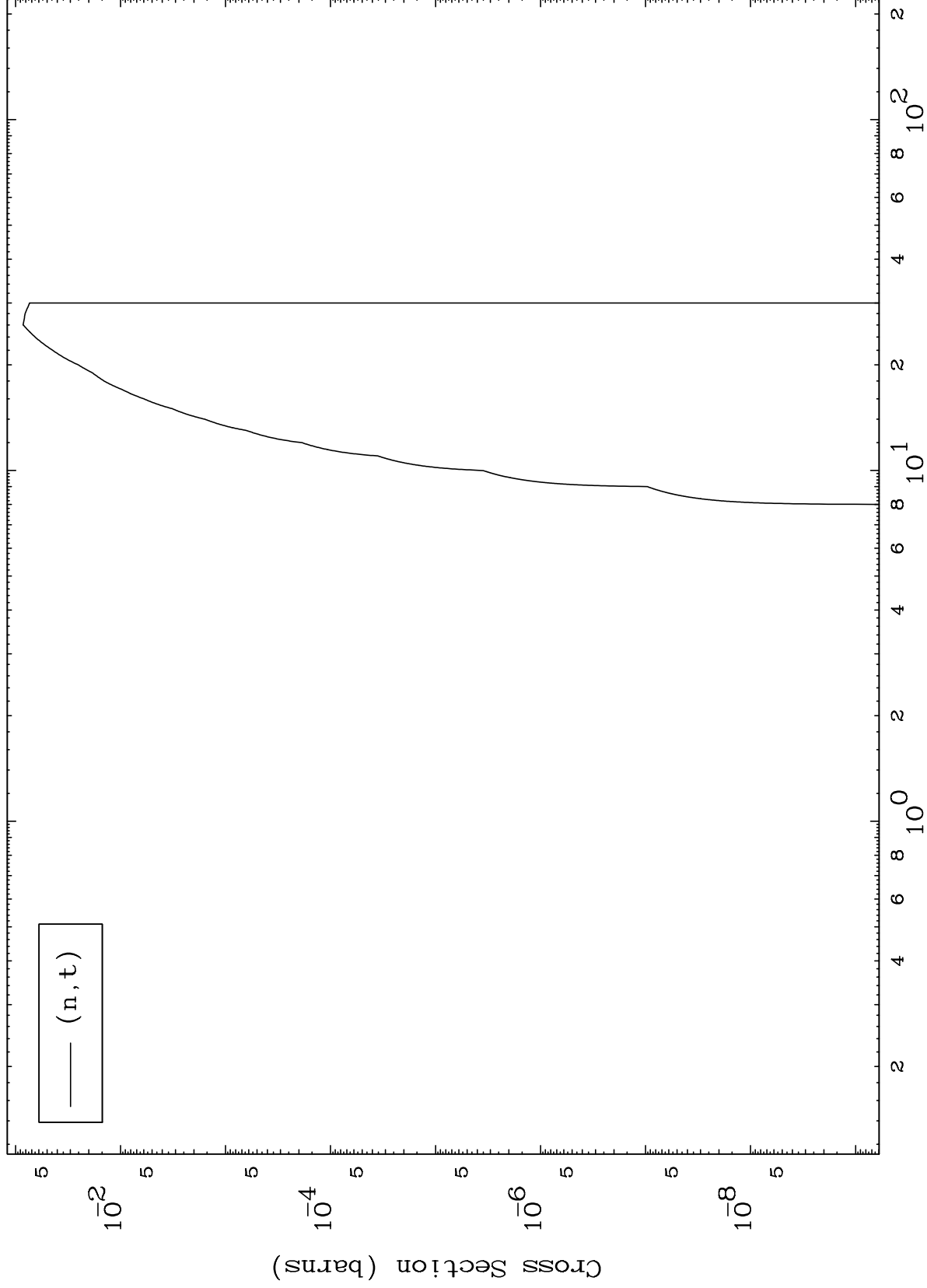
(t,d) Levels
0 Kelvin Cross Sections



MAT 7902

79-Au-189m

(t,t) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

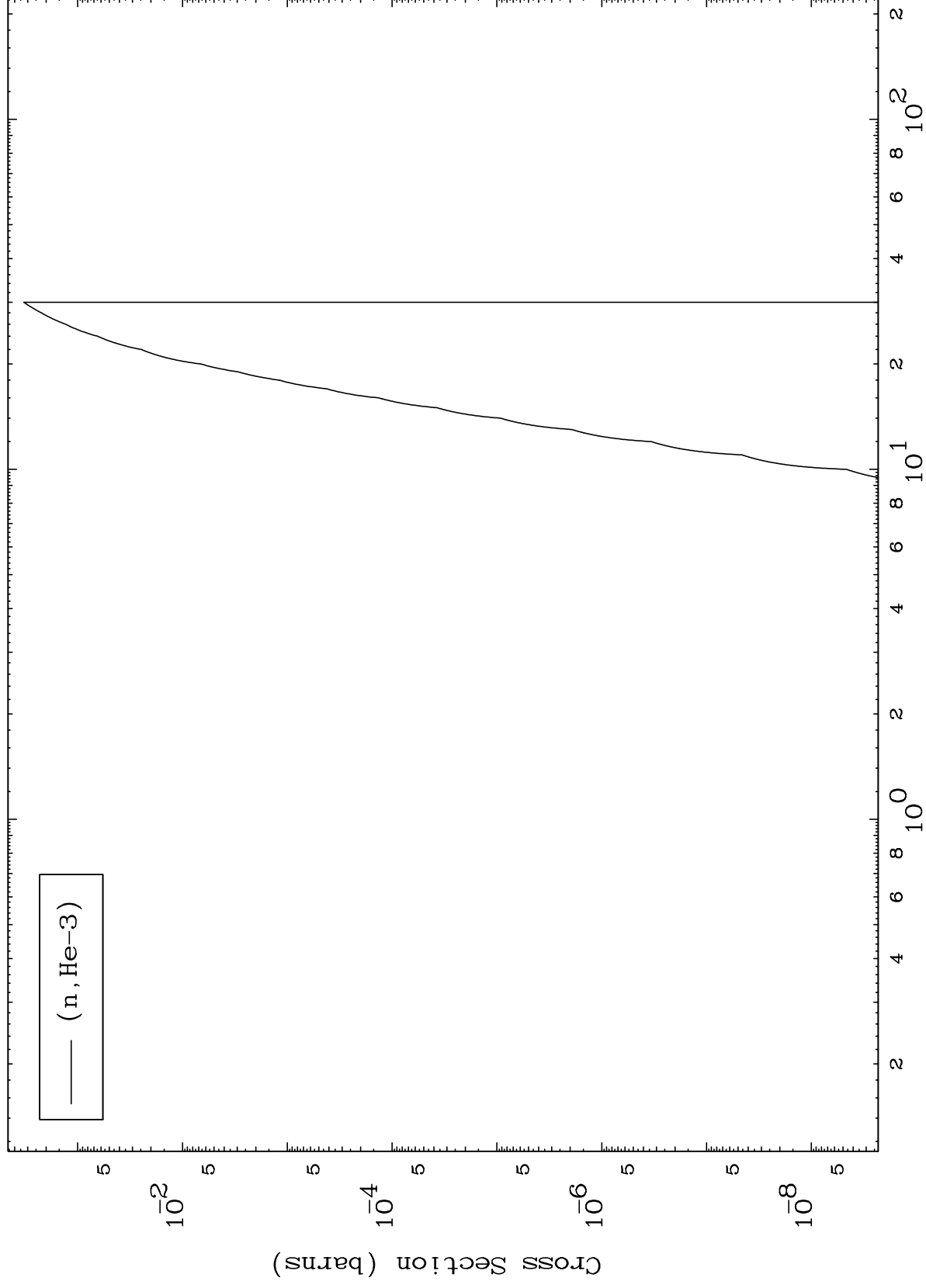
79-Au-189m

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(t,He3) Levels

79-Au-189m

0 Kelvin Cross Sections



11

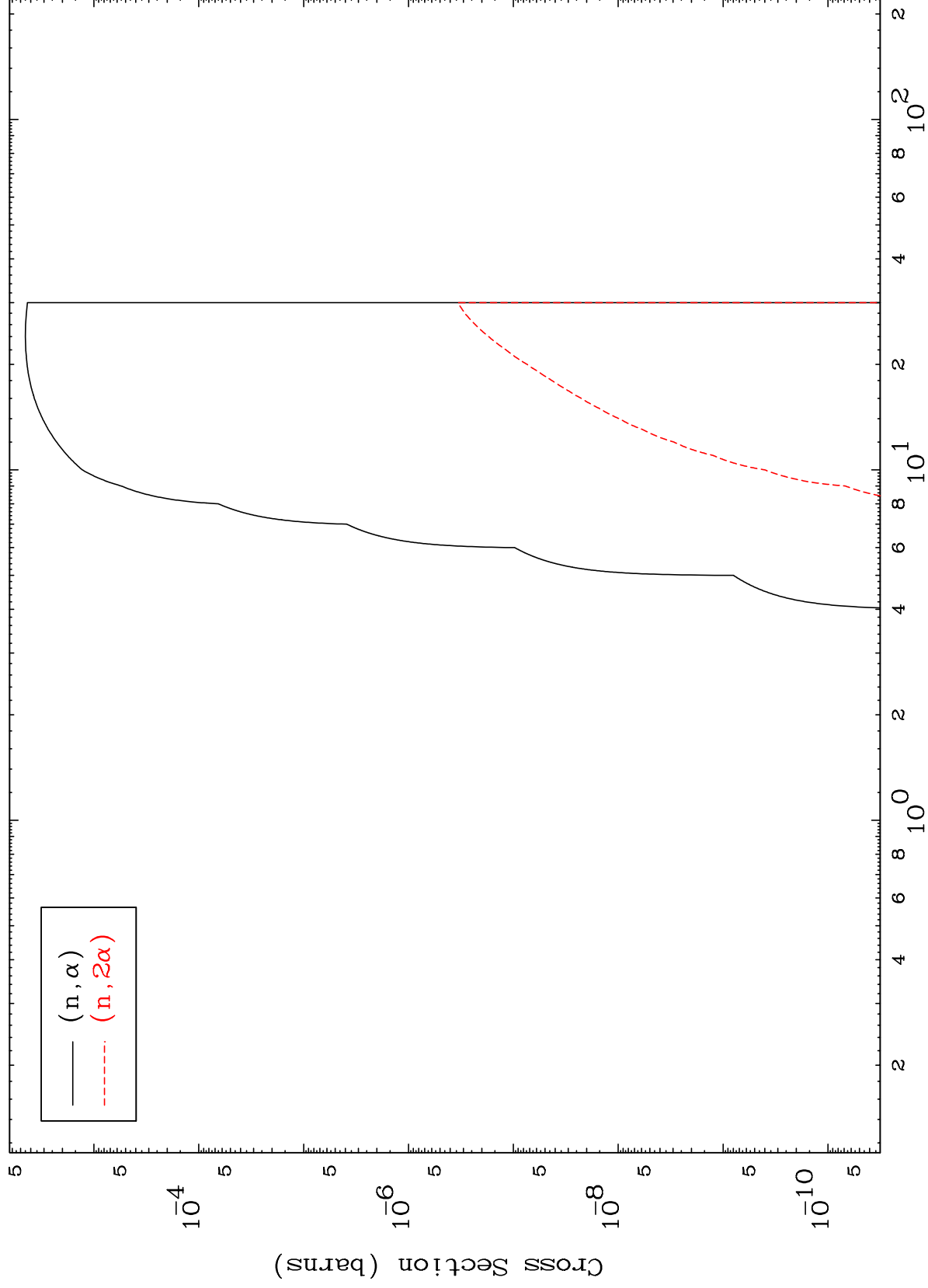
Incident Energy (MeV)

79-Au-189m

MAT 7902

79-Au-189m

(t, α) Levels
0 Kelvin Cross Sections

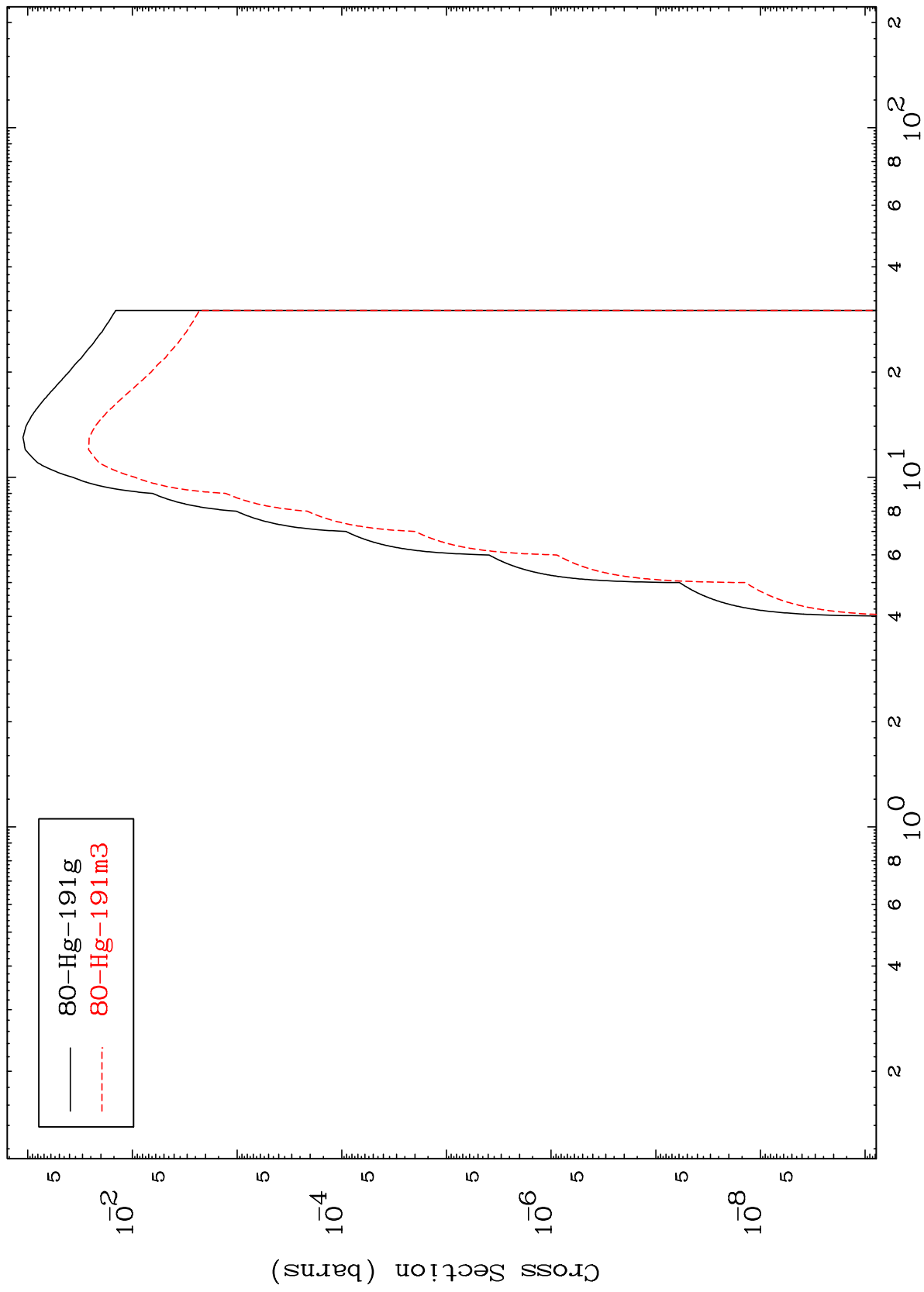


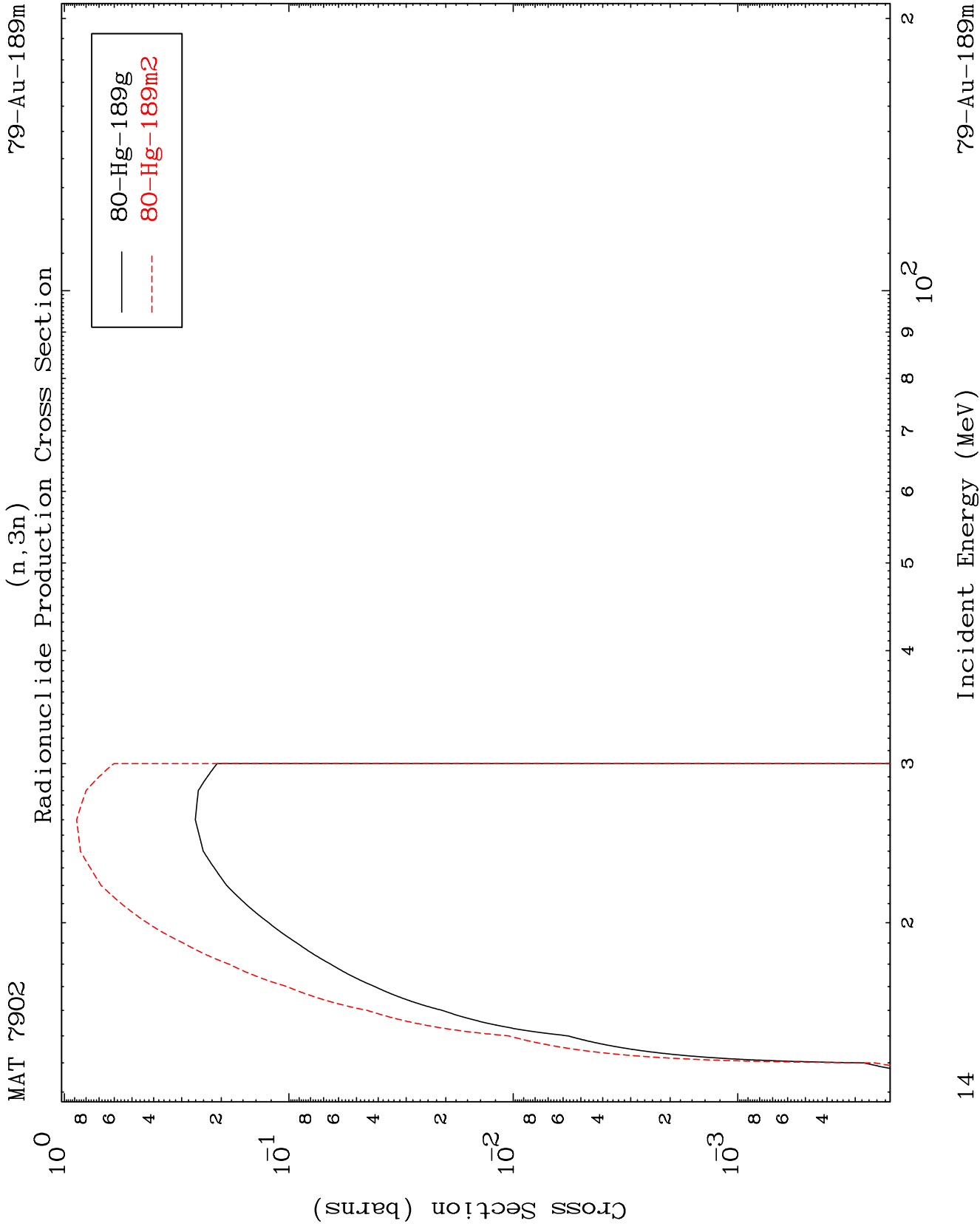
12

Incident Energy (MeV)

79-Au-189m

Radionuclide Production Cross Section



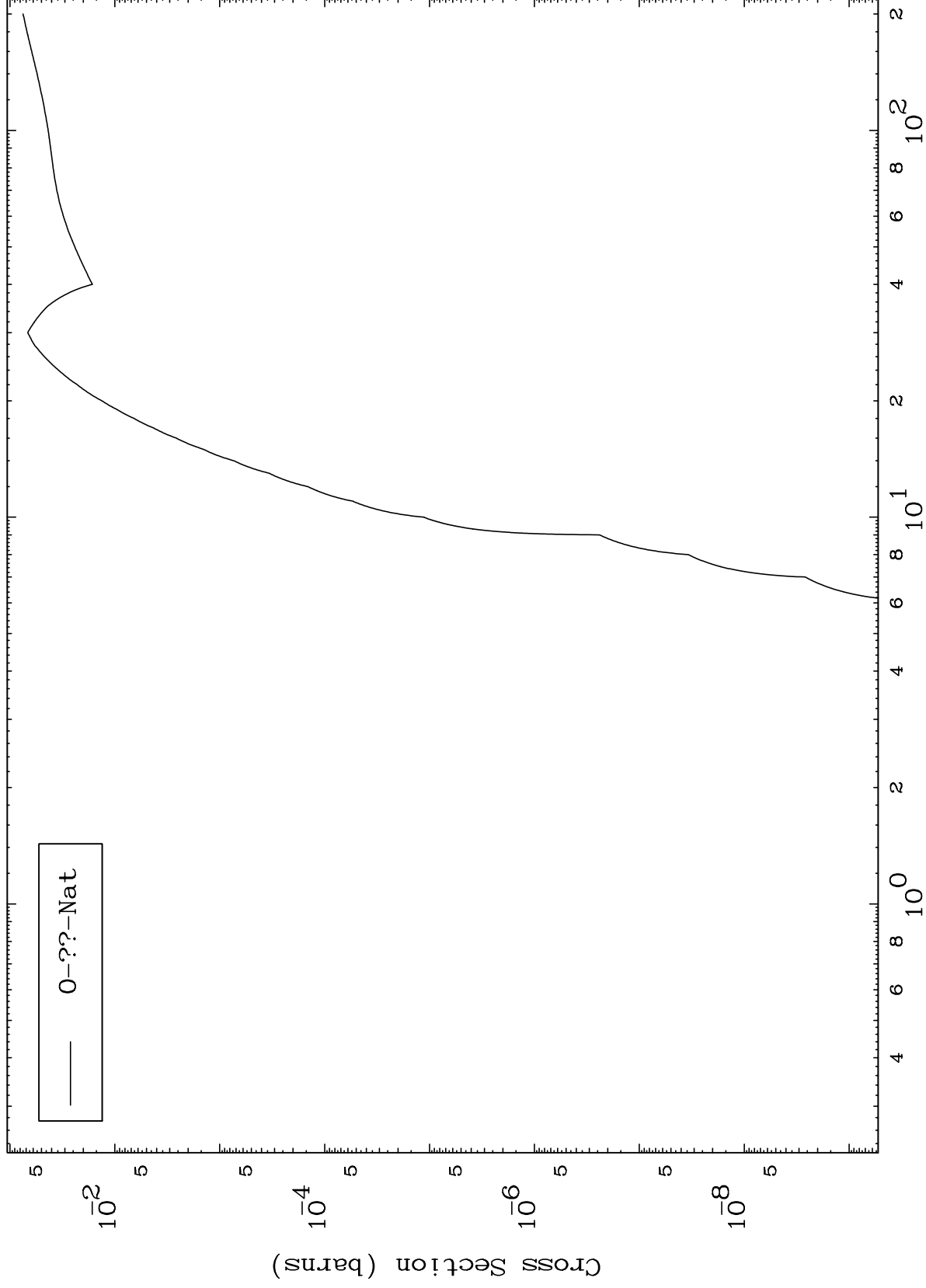


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Fission

⁷⁹Au-189m

Radionuclide Production Cross Section



15

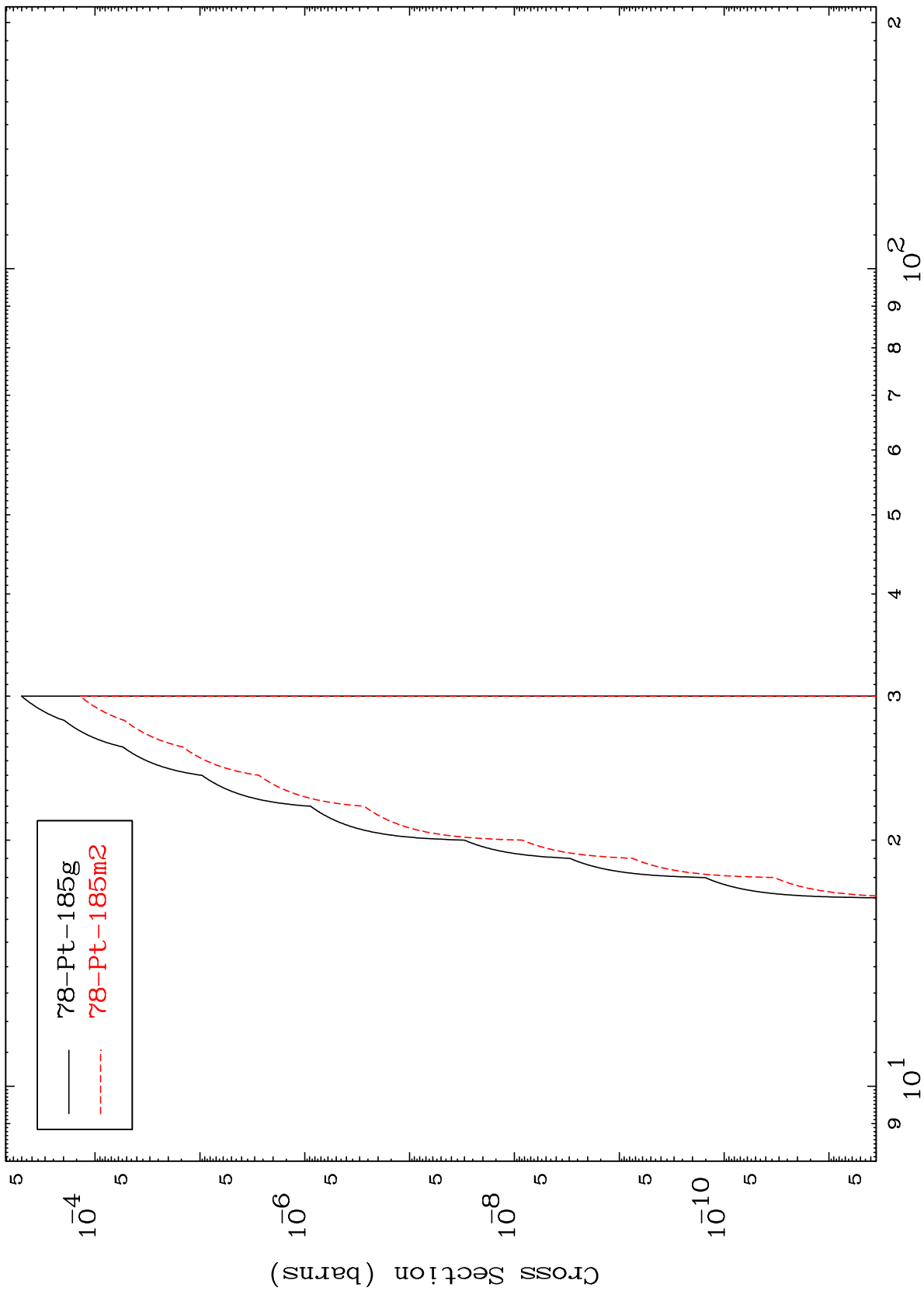
Incident Energy (MeV)

⁷⁹Au-189m

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$^{79}\text{Au-189m}$

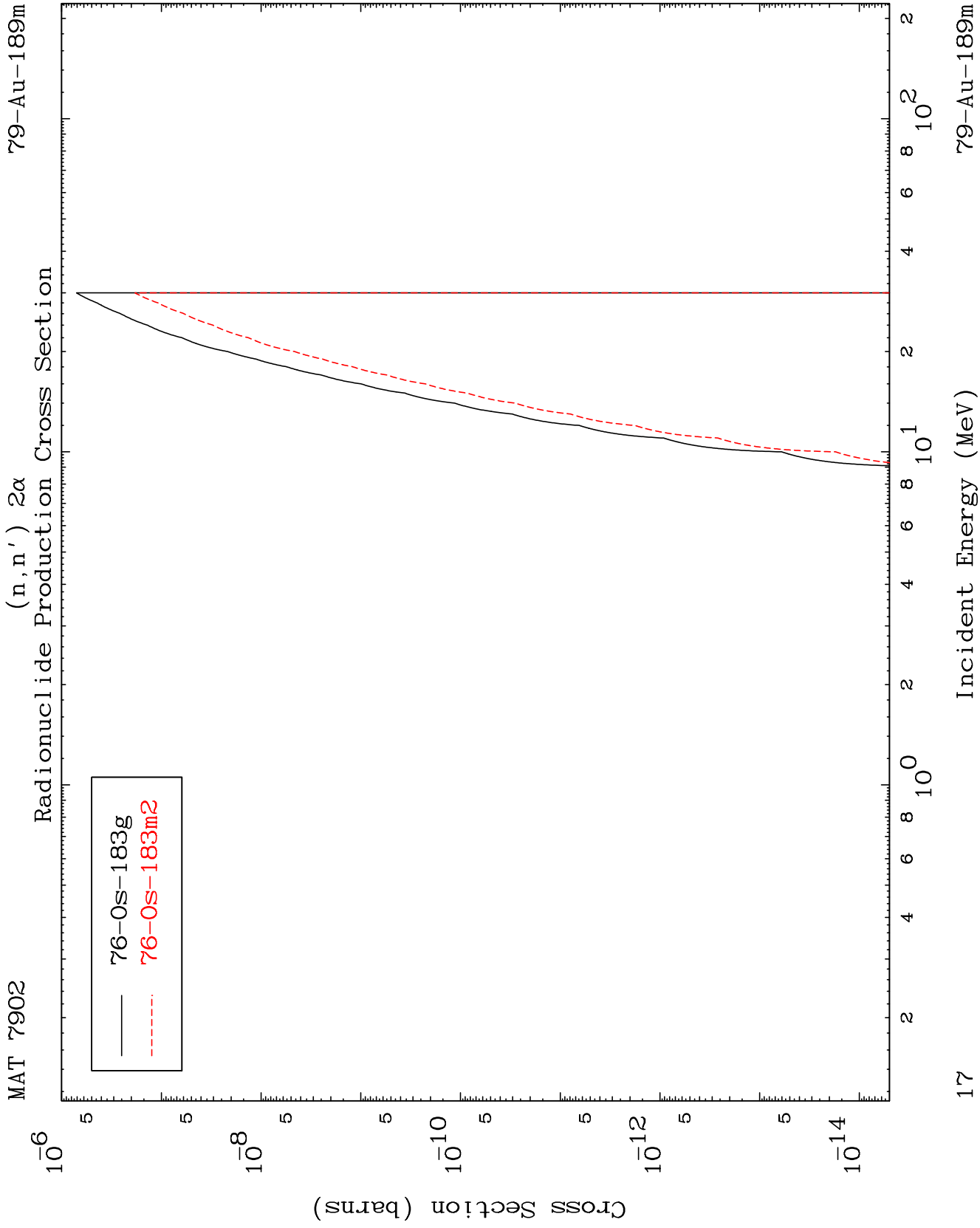
Radionuclide Production Cross Section
(n,3n) α



$^{79}\text{Au-189m}$

Incident Energy (MeV)

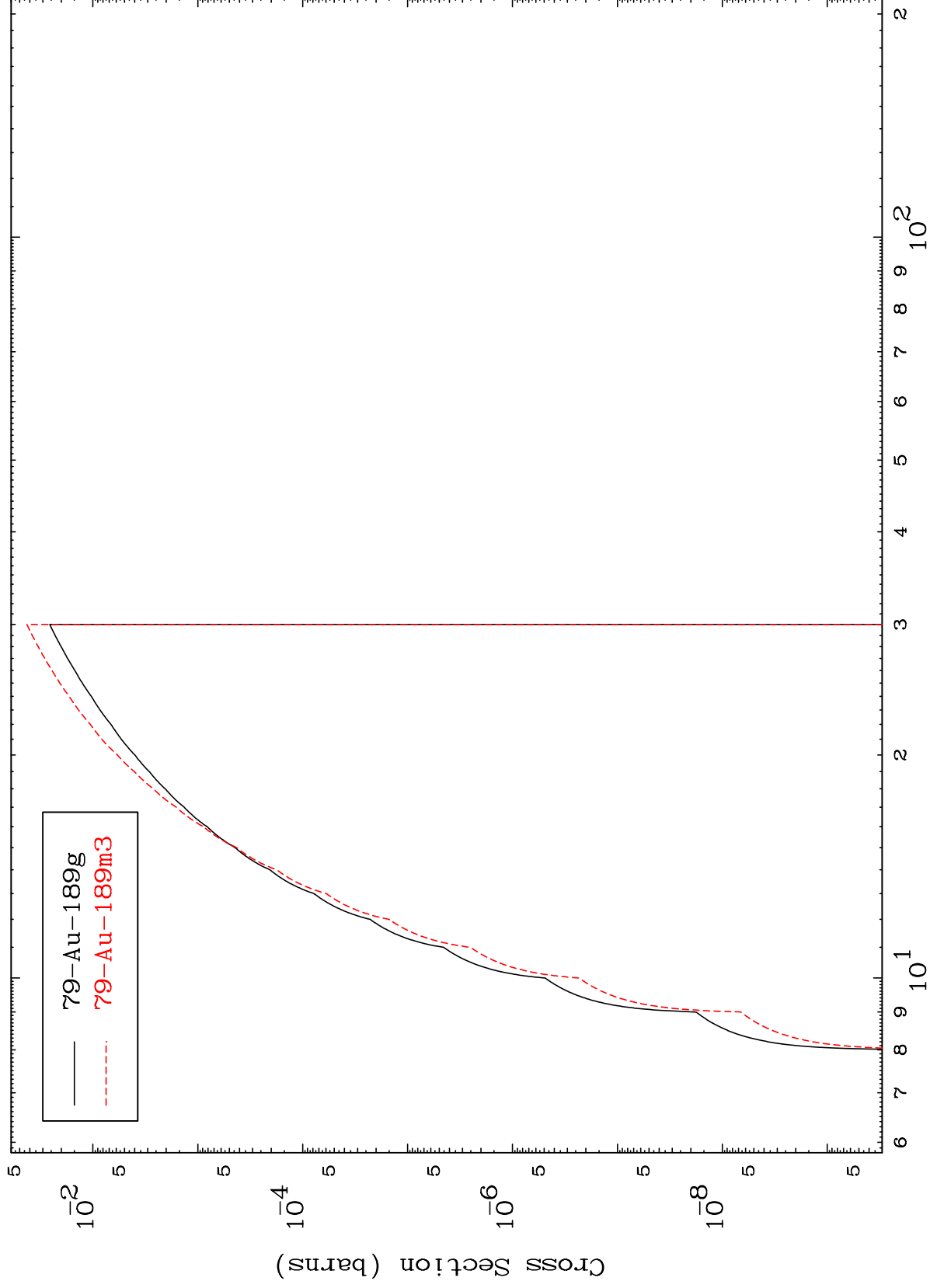
16



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$^{79}\text{Au-189m}$

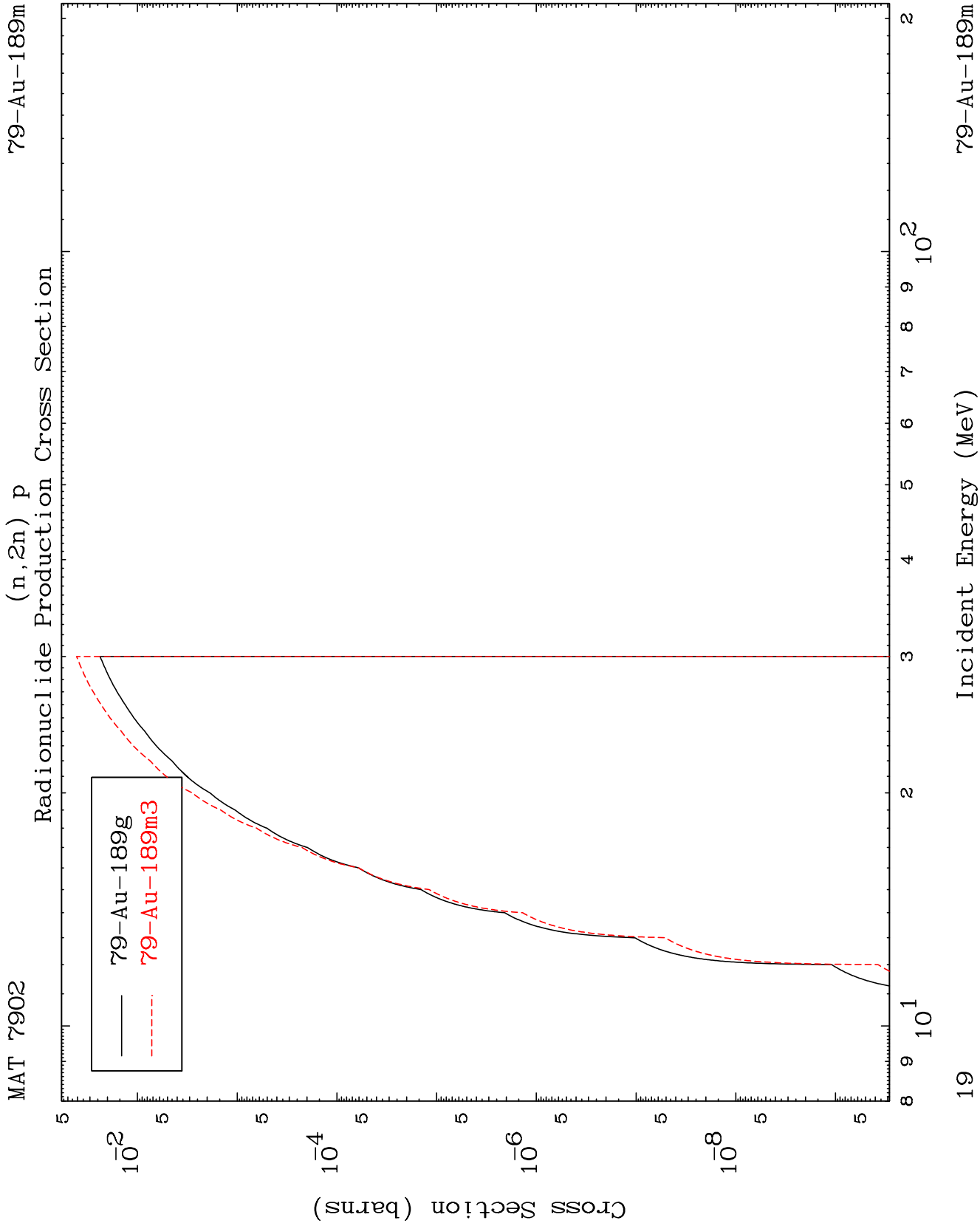
Radionuclide Production Cross Section
(n,n') d



$^{79}\text{Au-189m}$

Incident Energy (MeV)

18

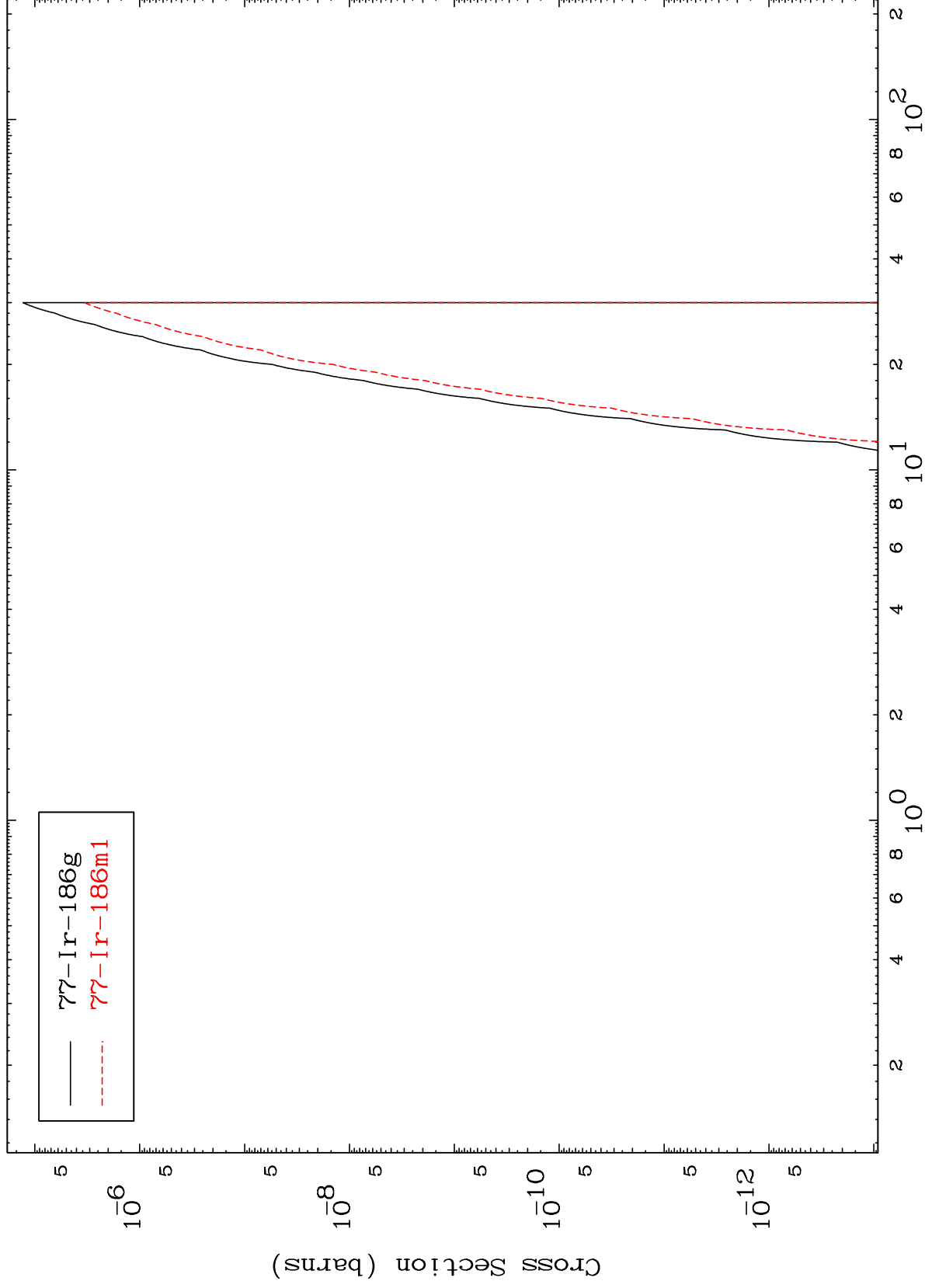


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$^{79}\text{Au-189m}$

$(n,n')\ p\ \alpha$

Radionuclide Production Cross Section



20

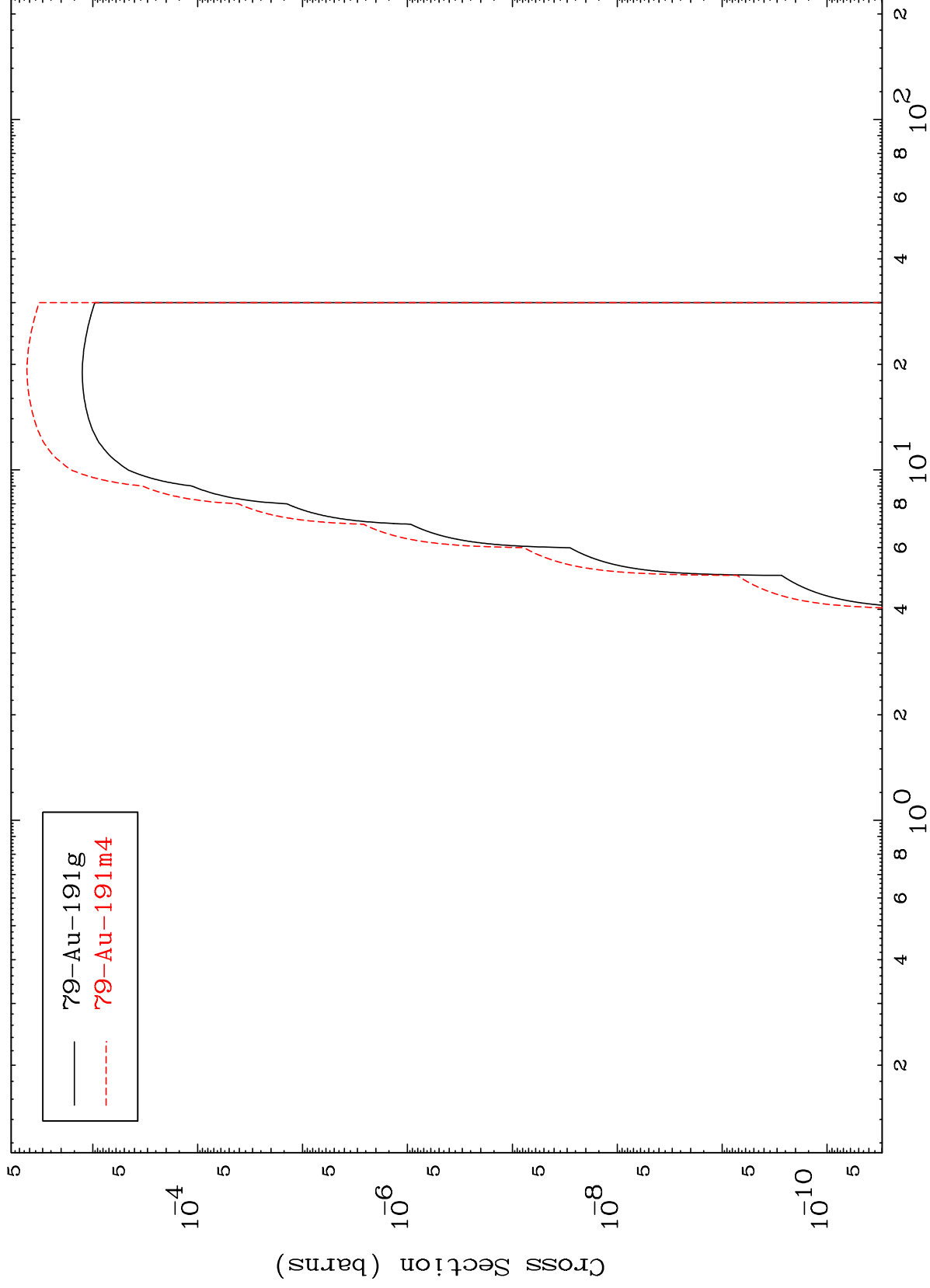
Incident Energy (MeV)

$^{79}\text{Au-189m}$

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$^{79}\text{Au-189m}$

Radionuclide Production Cross Section



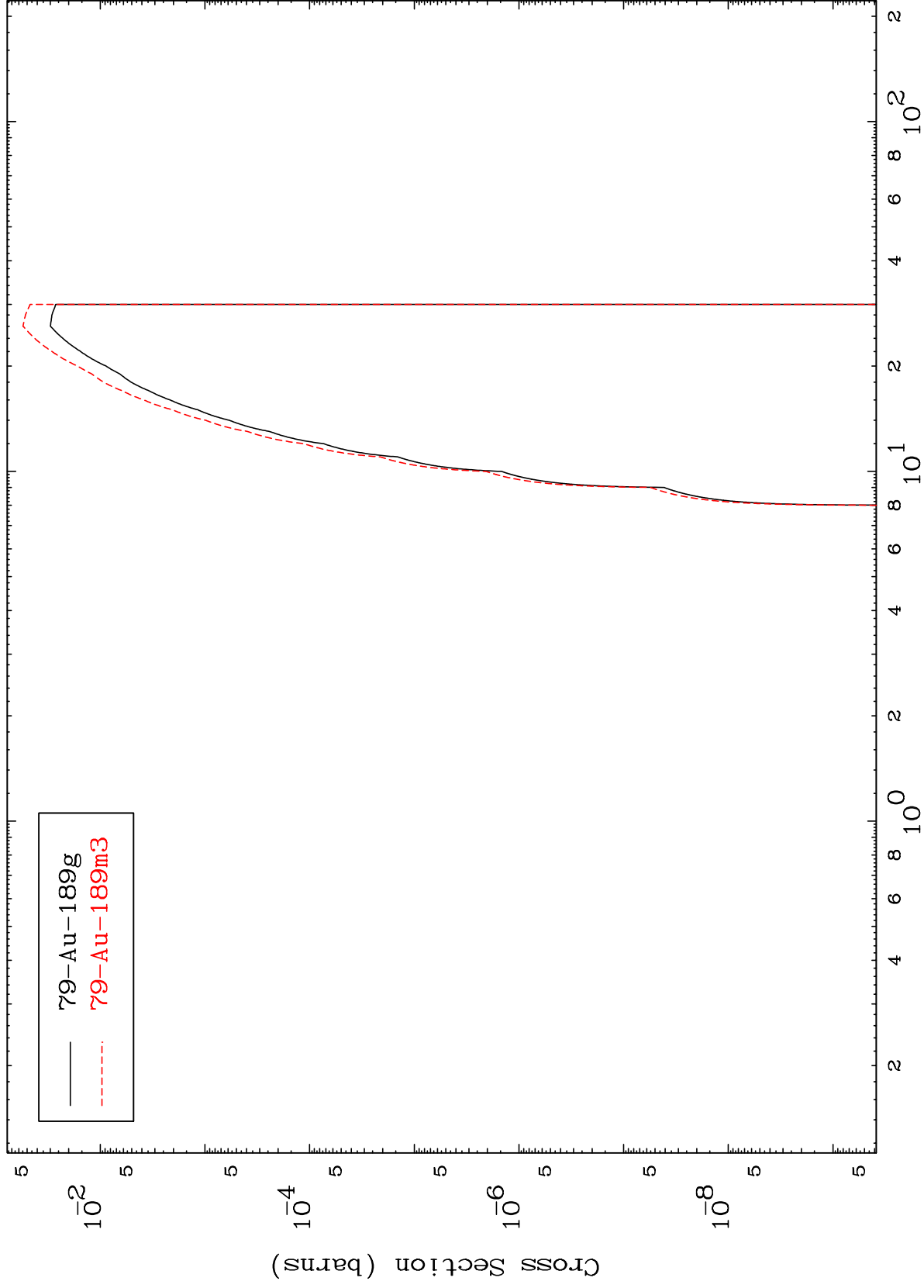
21

$^{79}\text{Au-189m}$

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79-Au-189m

(n,t)
Radionuclide Production Cross Section



22

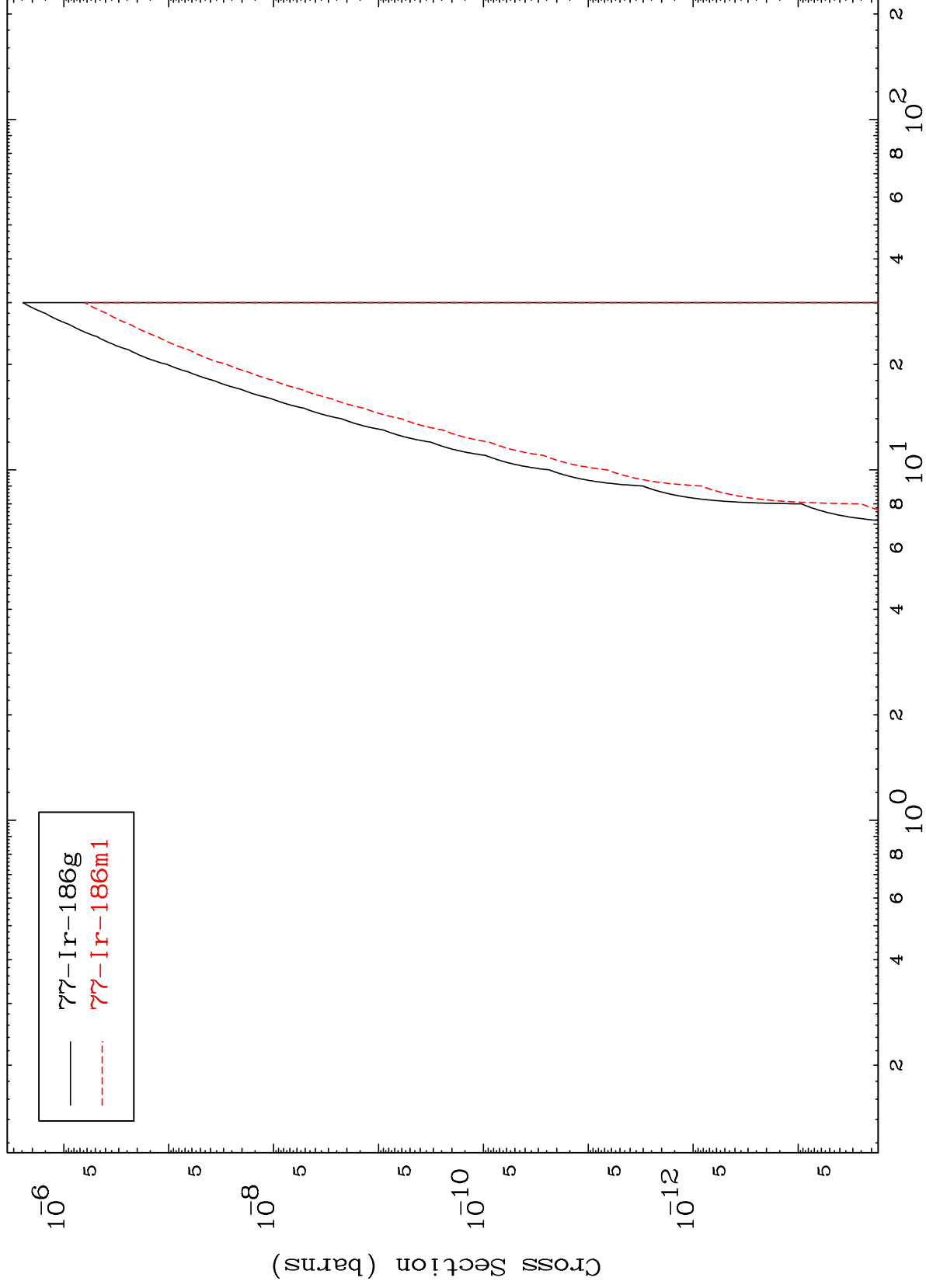
Incident Energy (MeV)

79-Au-189m

MAT 7902

⁷⁹Au-189m

(n,d) α
Radionuclide Production Cross Section



23

⁷⁹Au-189m