

Program EVALPLOT
(Version 2021-1)

by

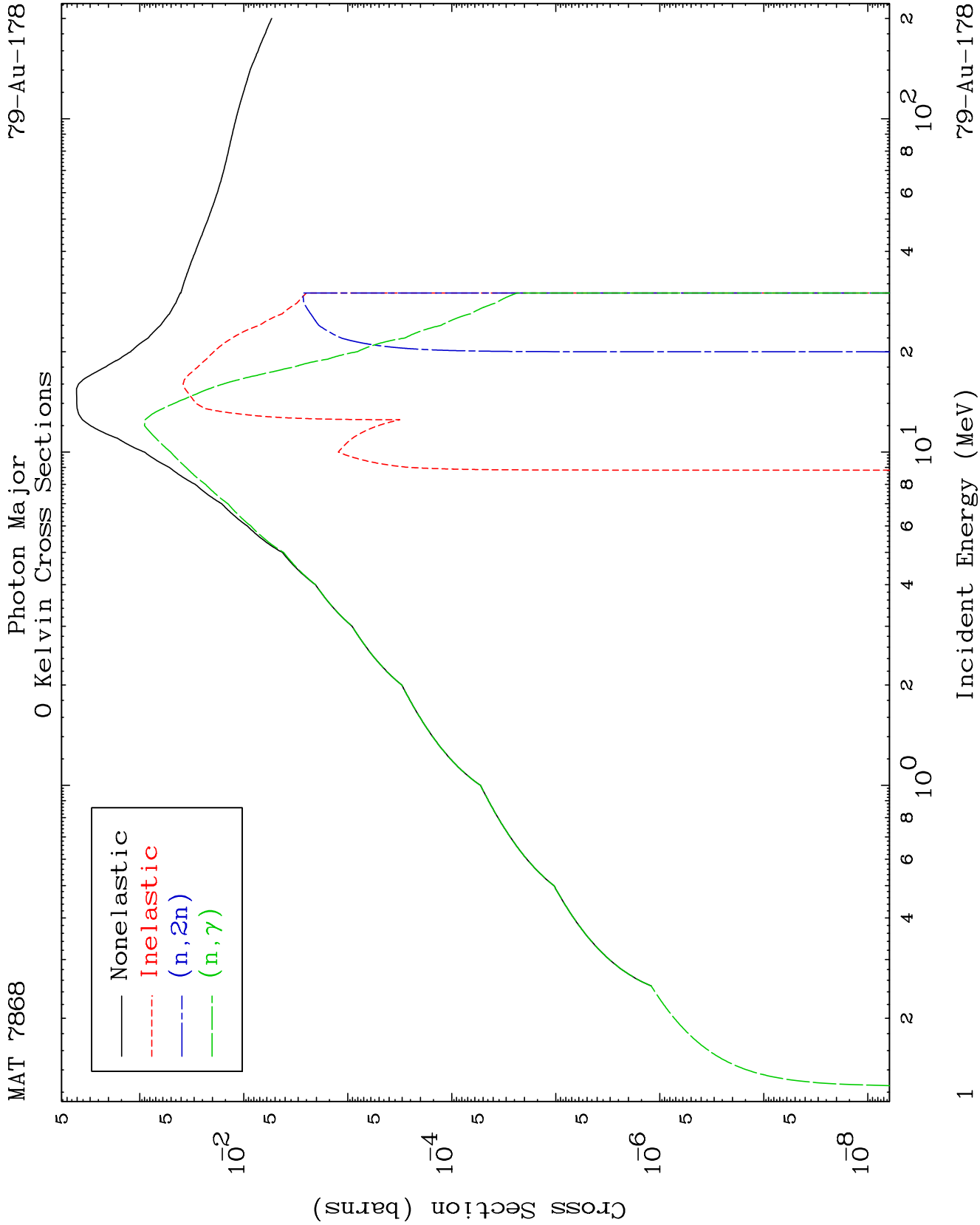
Dermott E. Cullen
(Present Contact Information)

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Tele: 925-443-1911

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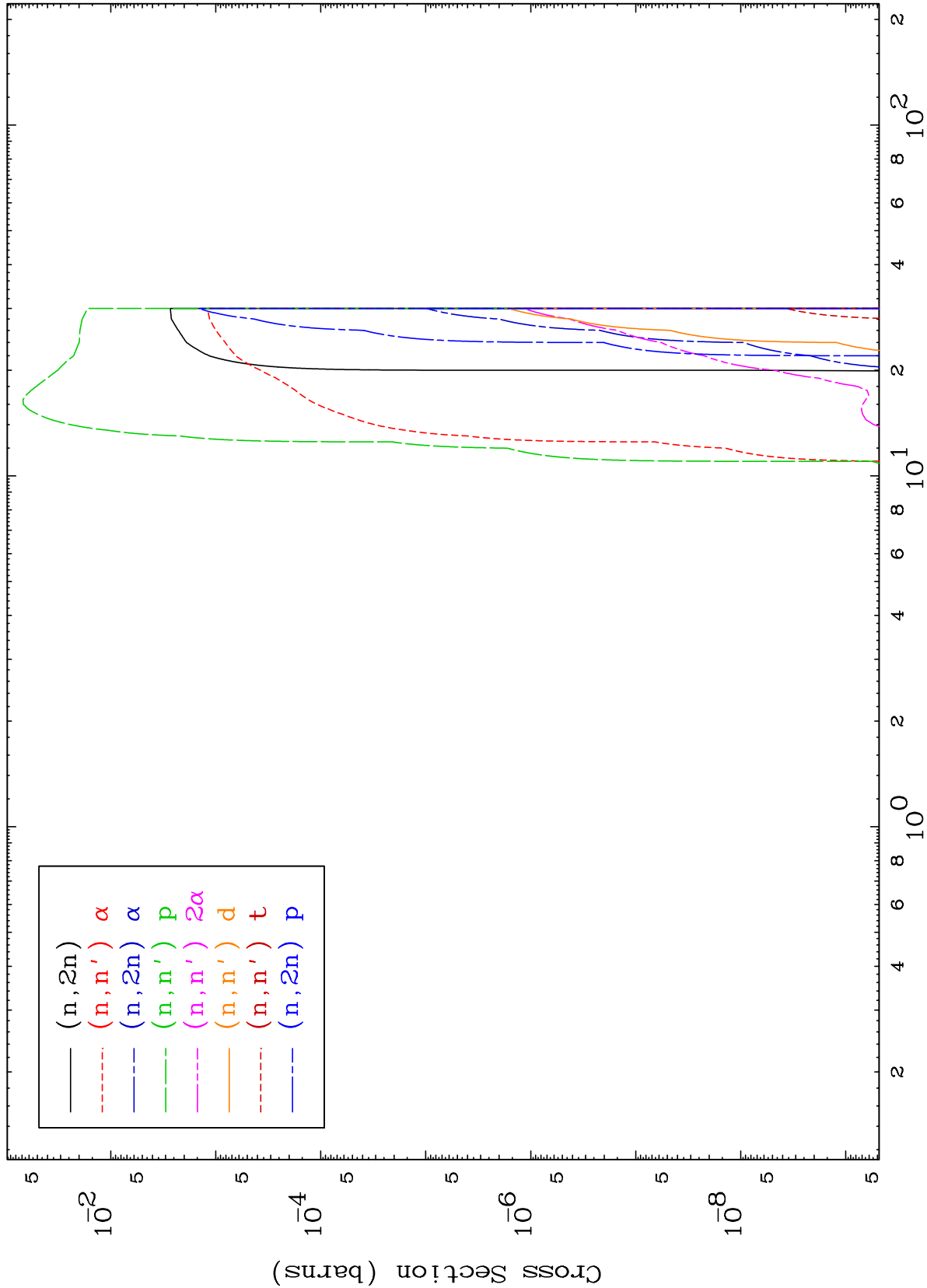
Press Mouse Button to Start

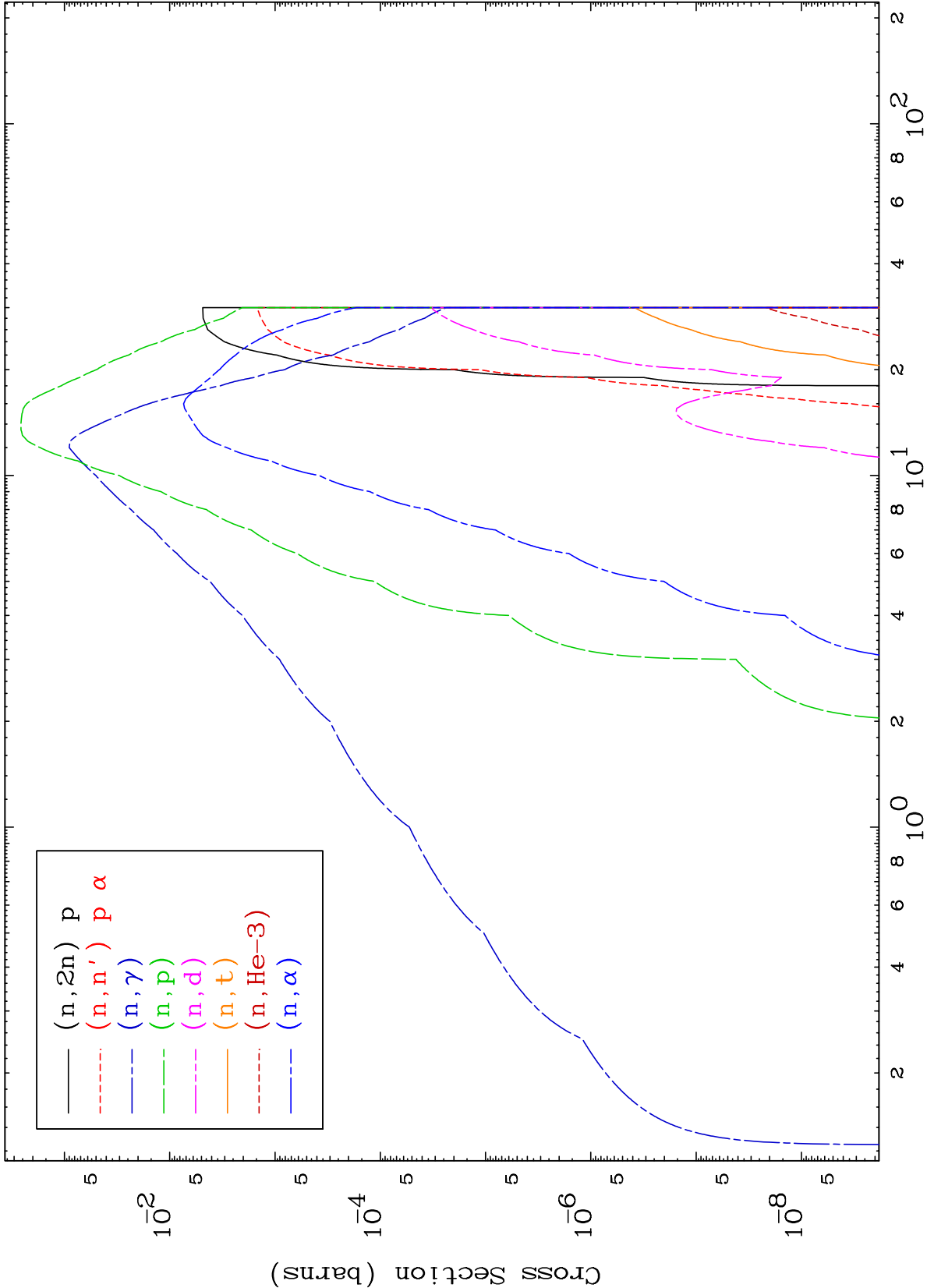


MAT 7868

Photon Neutron Absorption
0 Kelvin Cross Sections

79-Au-178

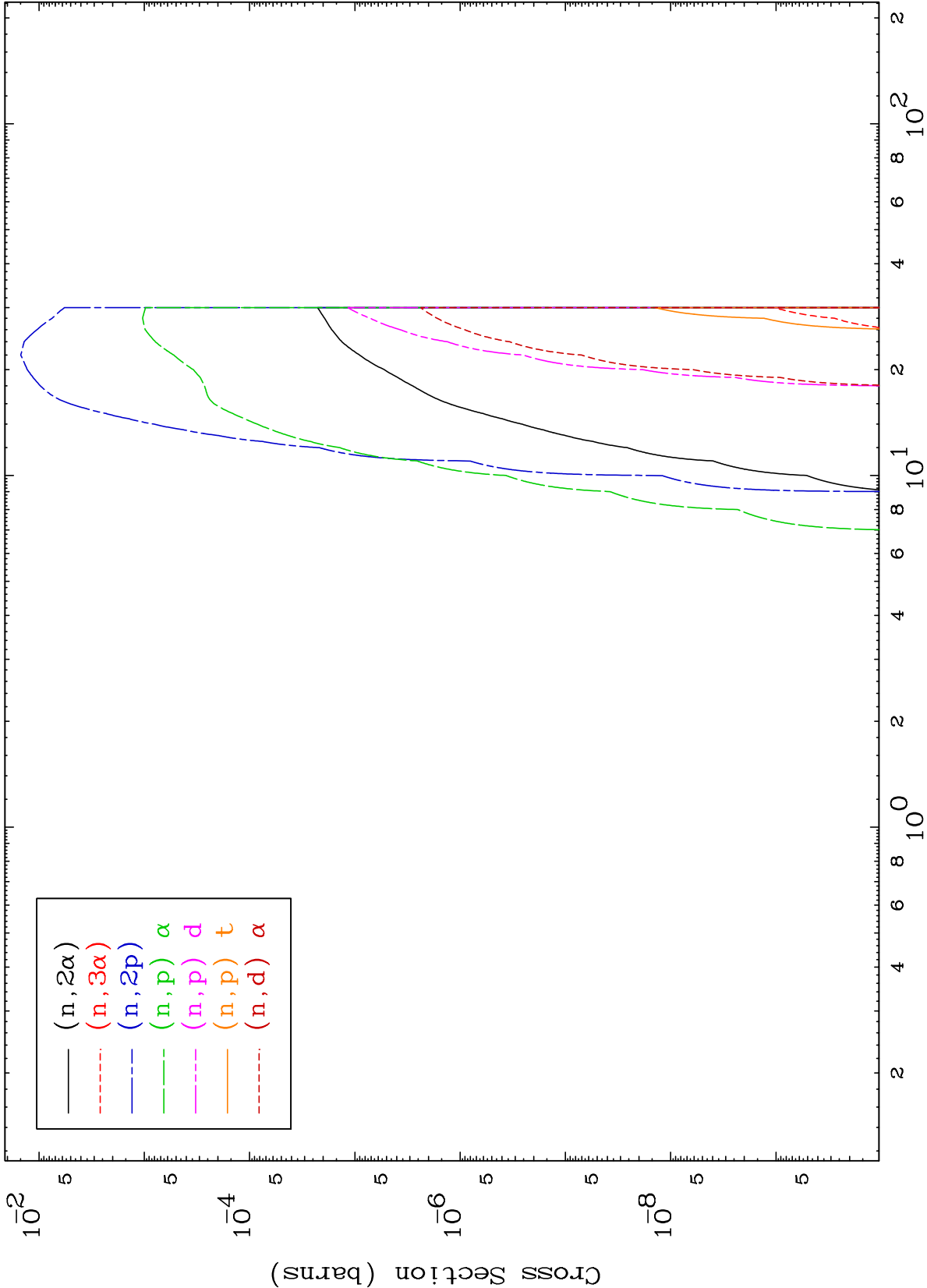


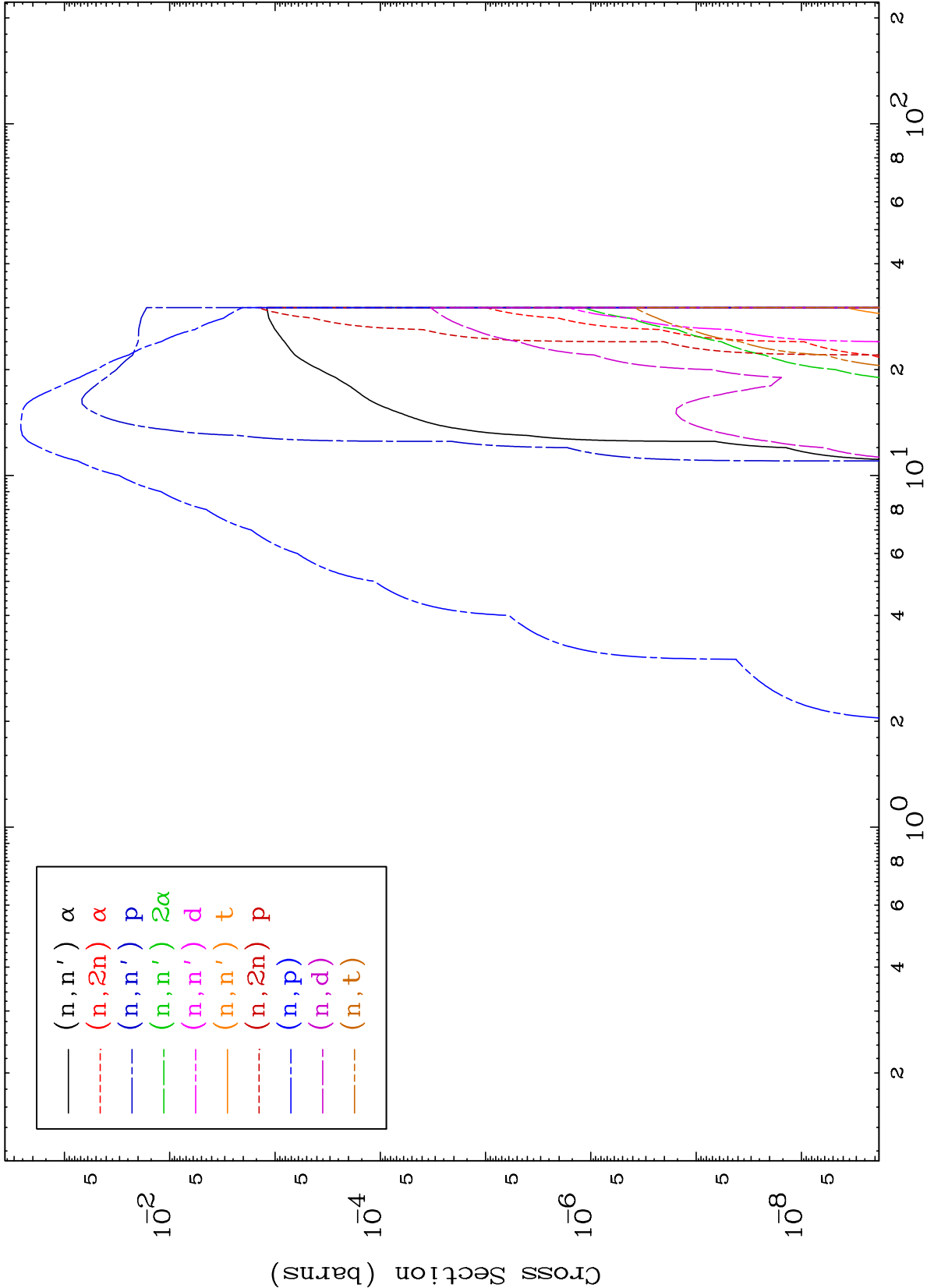


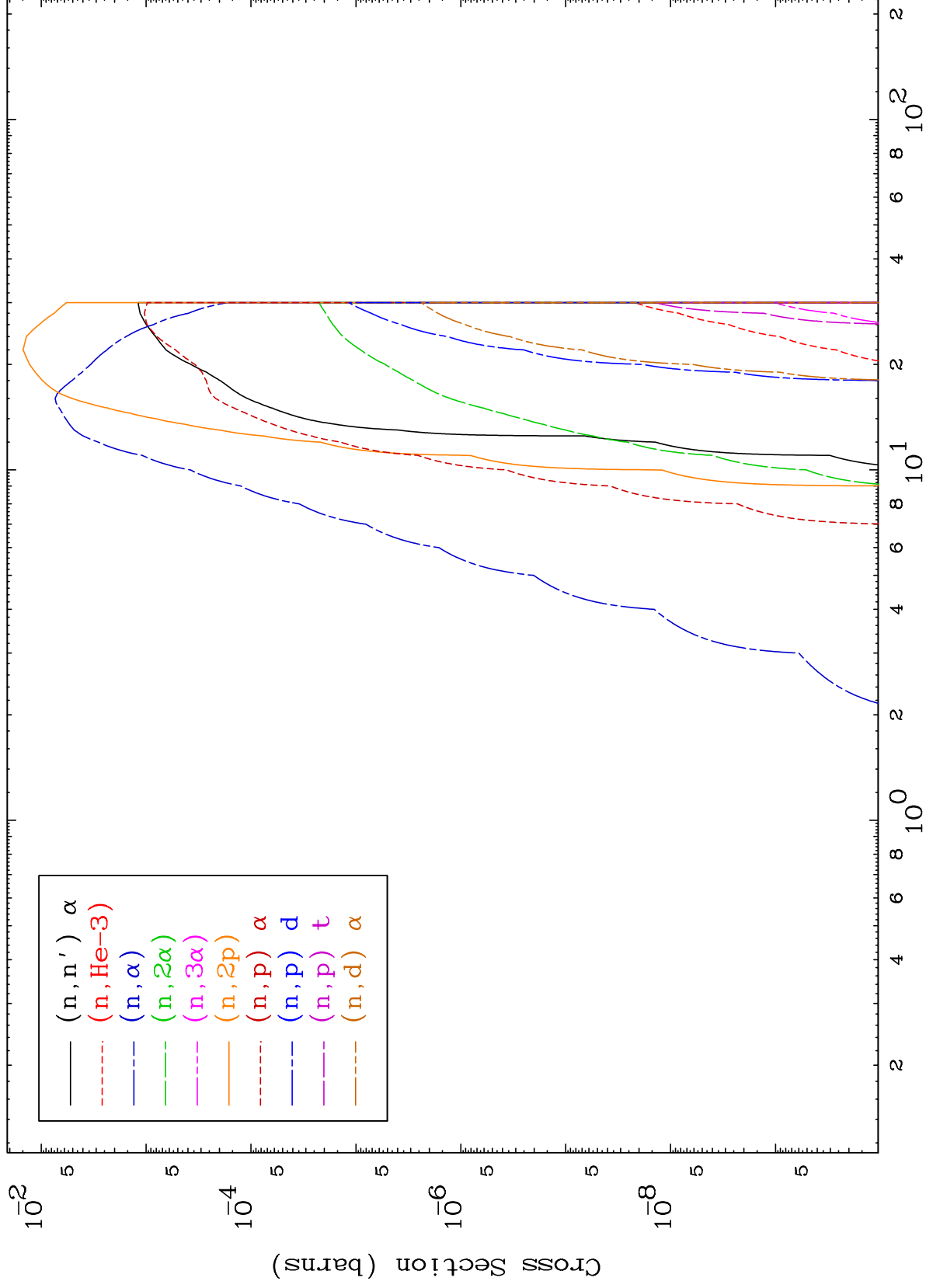
MAT 7868

Photon Neutron Absorption
0 Kelvin Cross Sections

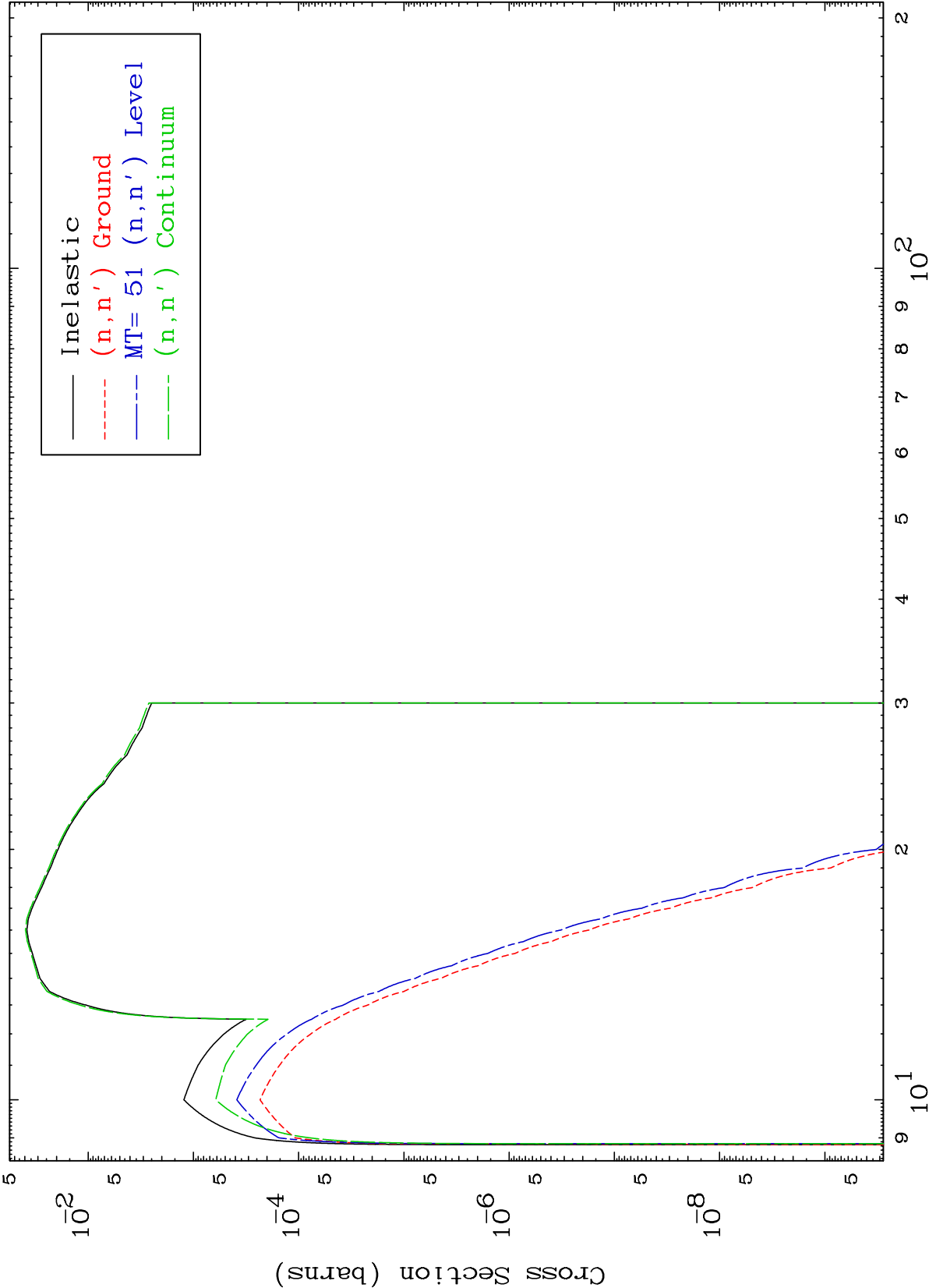
79-Au-178







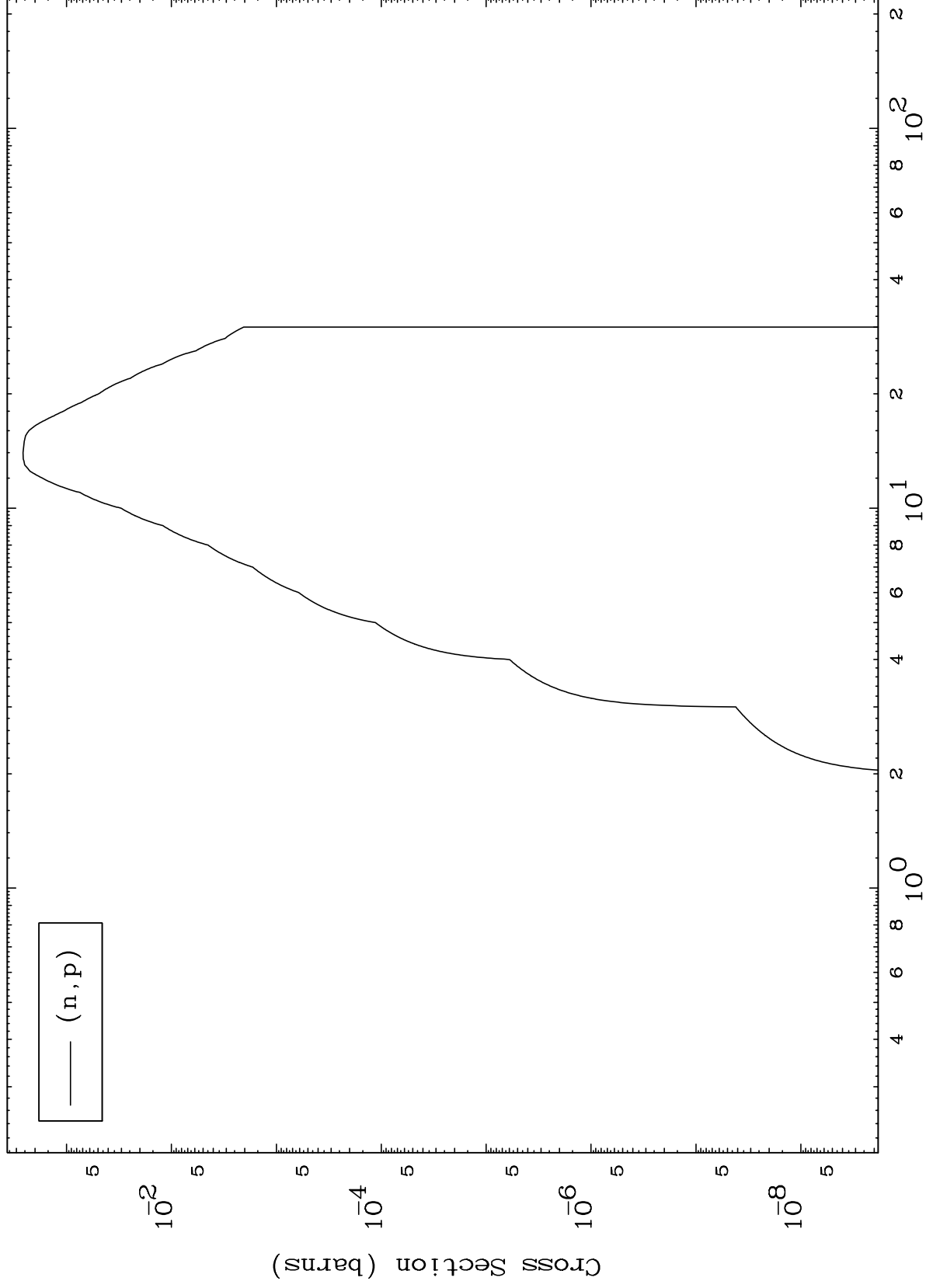
0 Kelvin Cross Sections



MAT 7868

79-Au-178

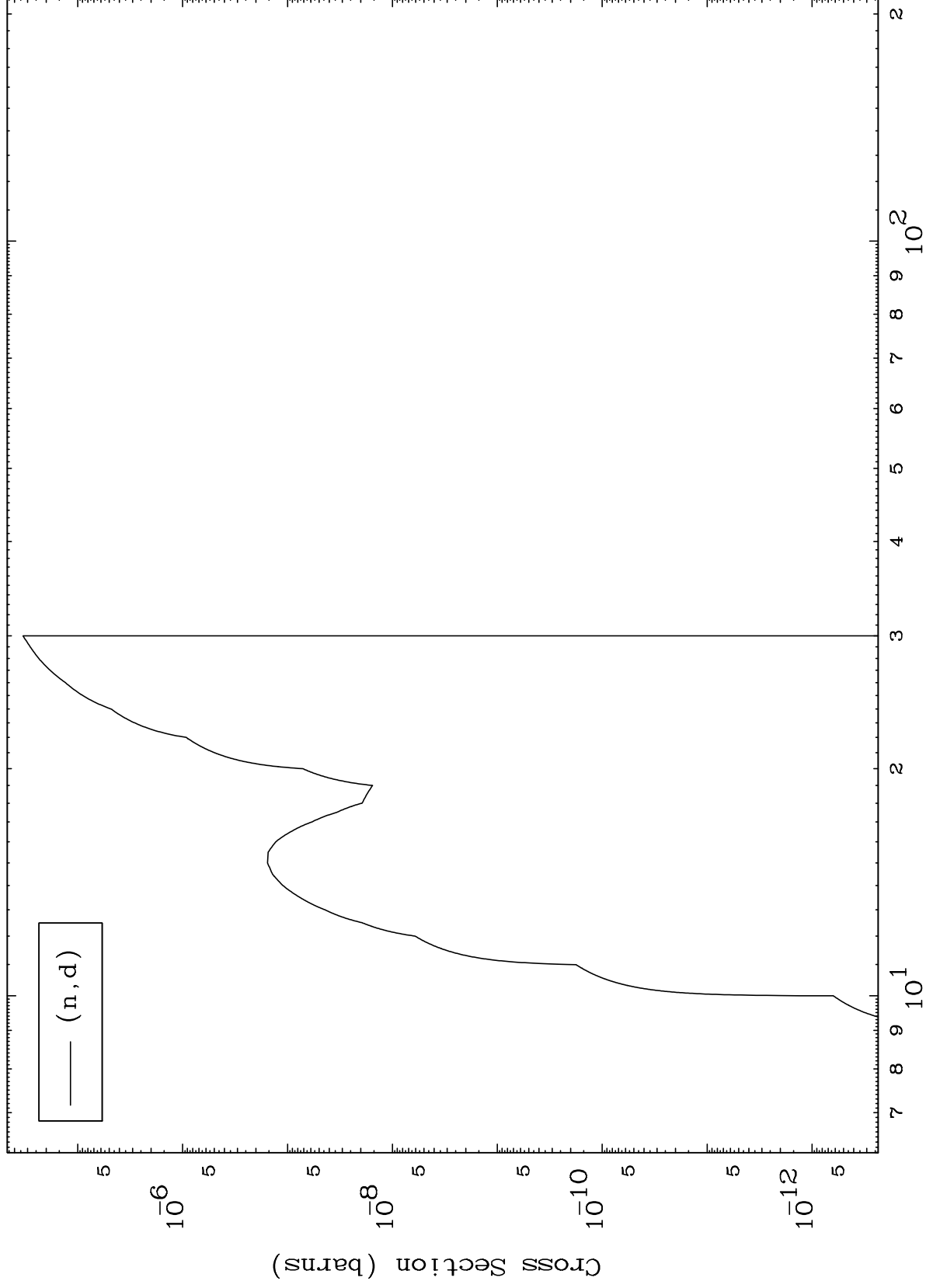
(γ, p) Levels
0 Kelvin Cross Sections



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79-Au-178

(γ, d) Levels
0 Kelvin Cross Sections

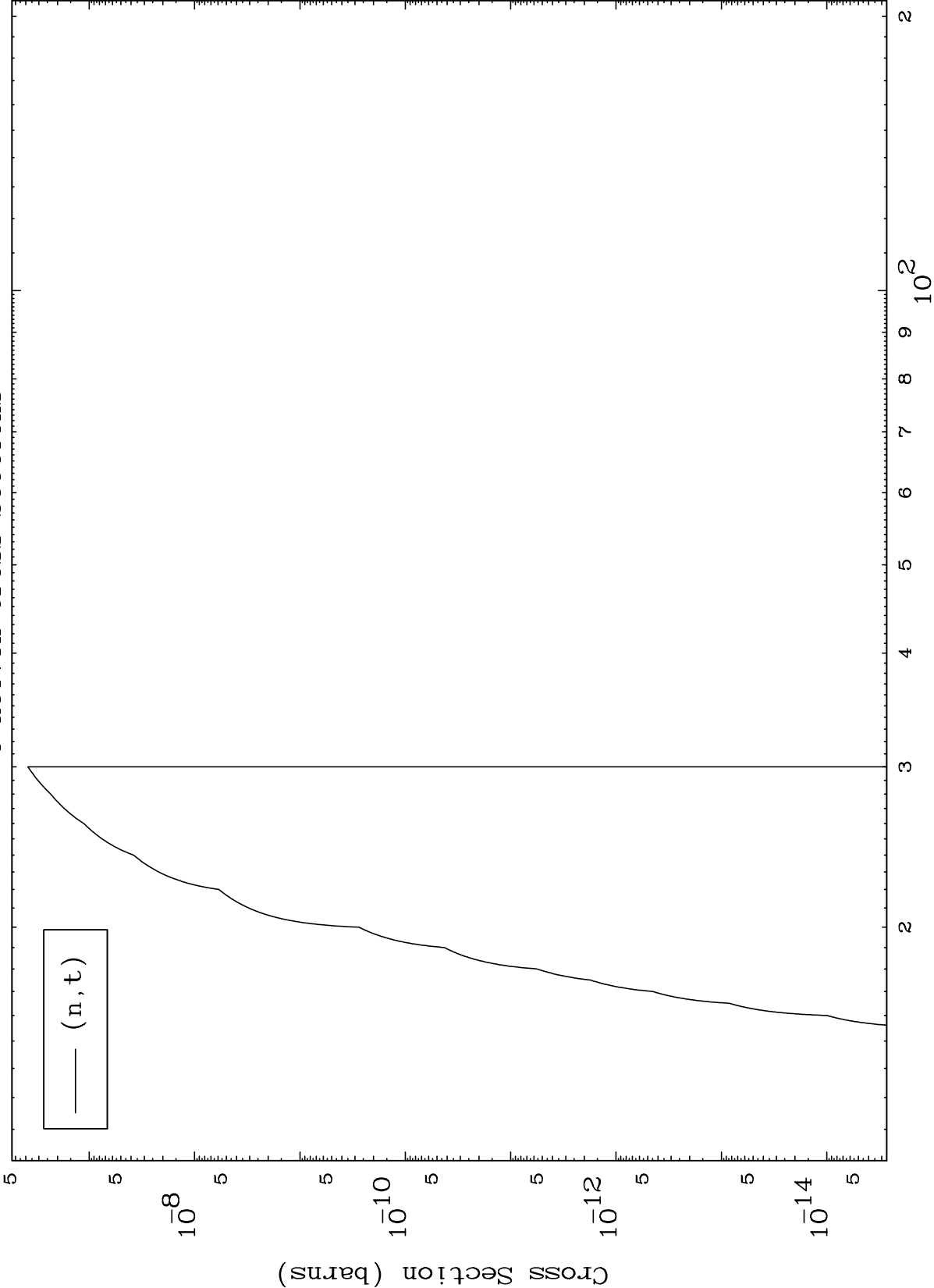


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(γ, t) Levels

79-Au-178

0 Kelvin Cross Sections



10

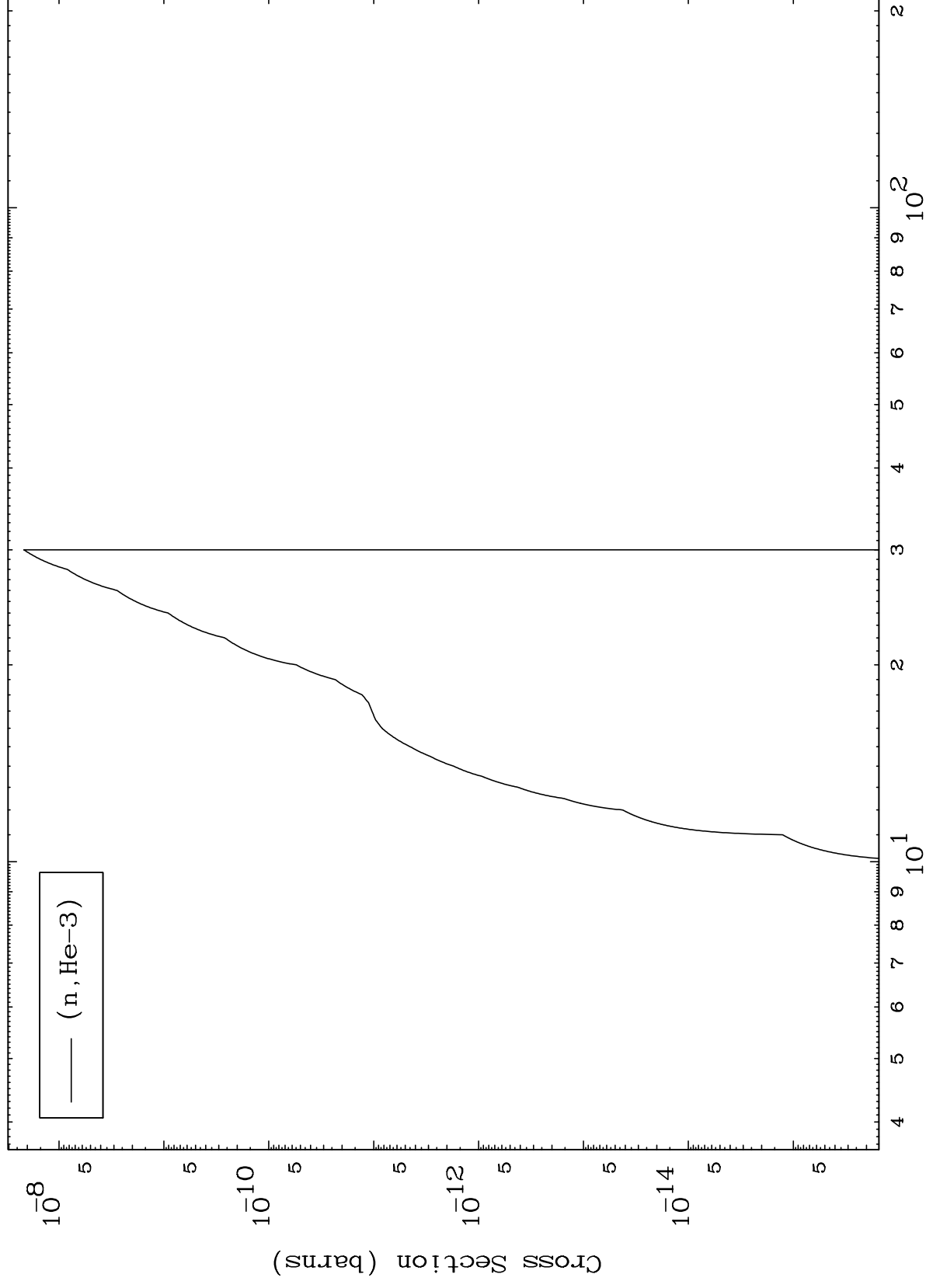
Incident Energy (MeV)

79-Au-178

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79-Au-178

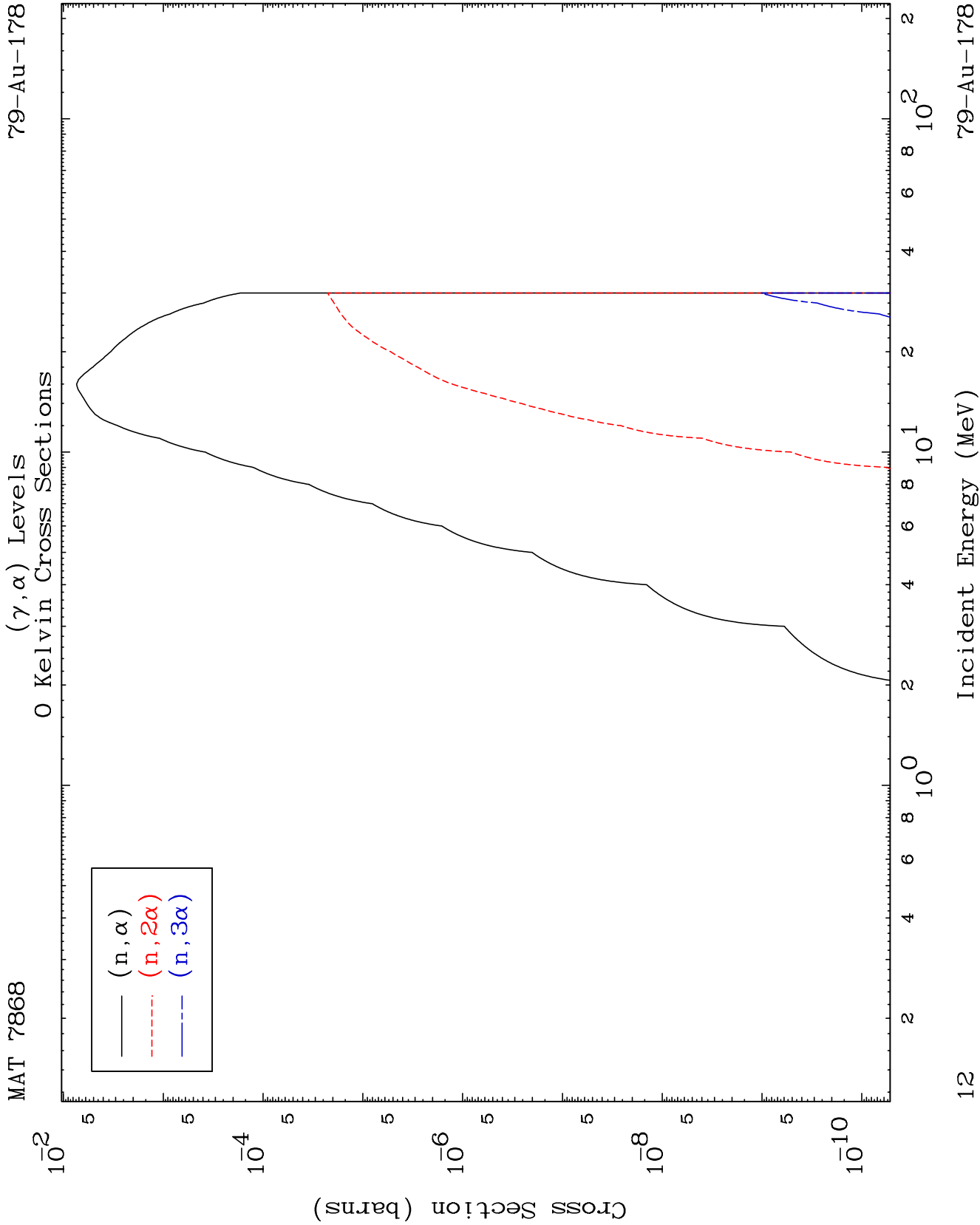
(γ , He3) Levels
0 Kelvin Cross Sections



11

Incident Energy (MeV)

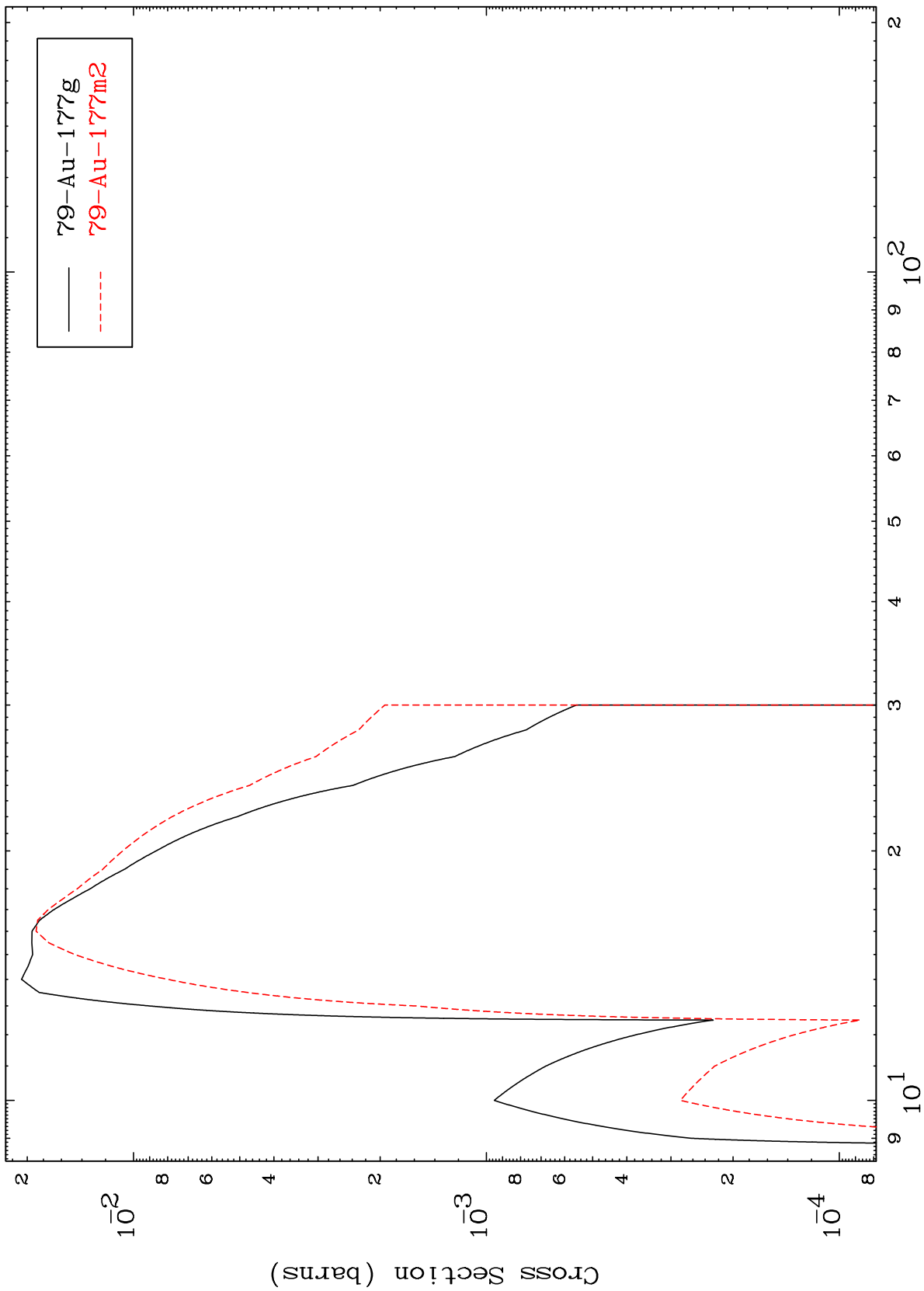
79-Au-178



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⁷⁹Au-178

Inelastic
Radionuclide Production Cross Section



⁷⁹Au-178

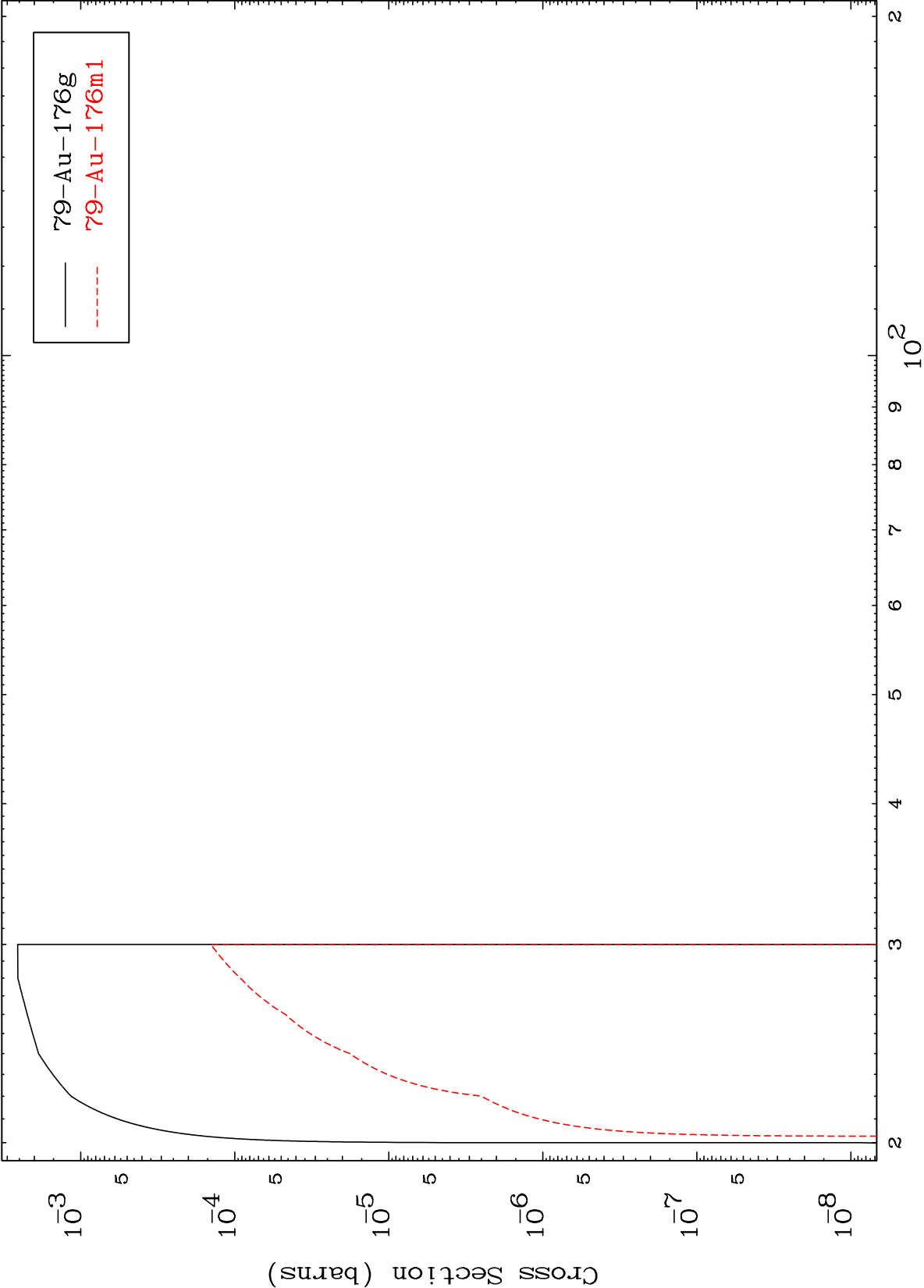
Incident Energy (MeV)

13

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79-Au-178

(n,2n)
Radionuclide Production Cross Section



79-Au-178

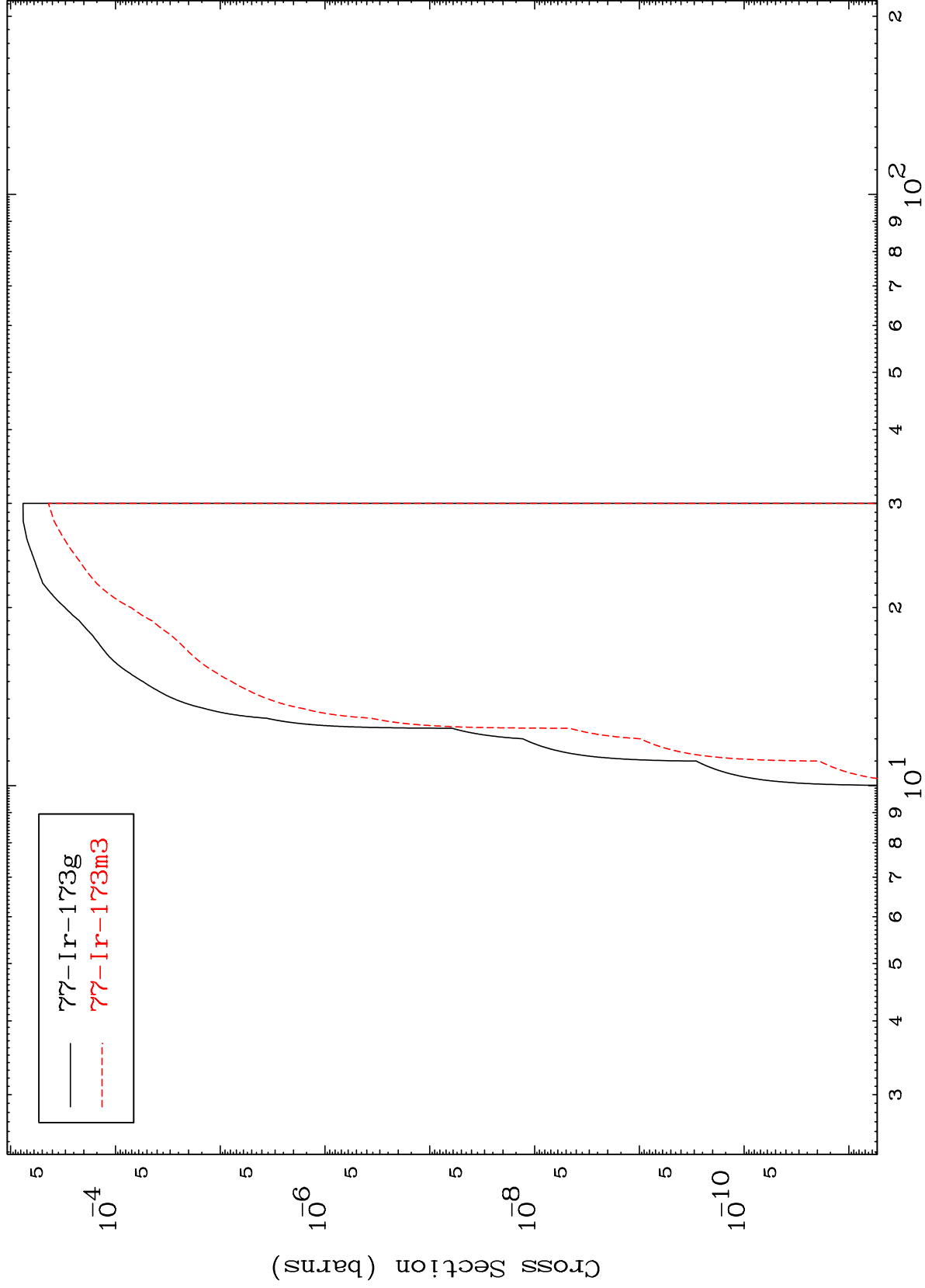
Incident Energy (MeV)

14

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79-Au-178

Radionuclide Production Cross Section
(n,n') α

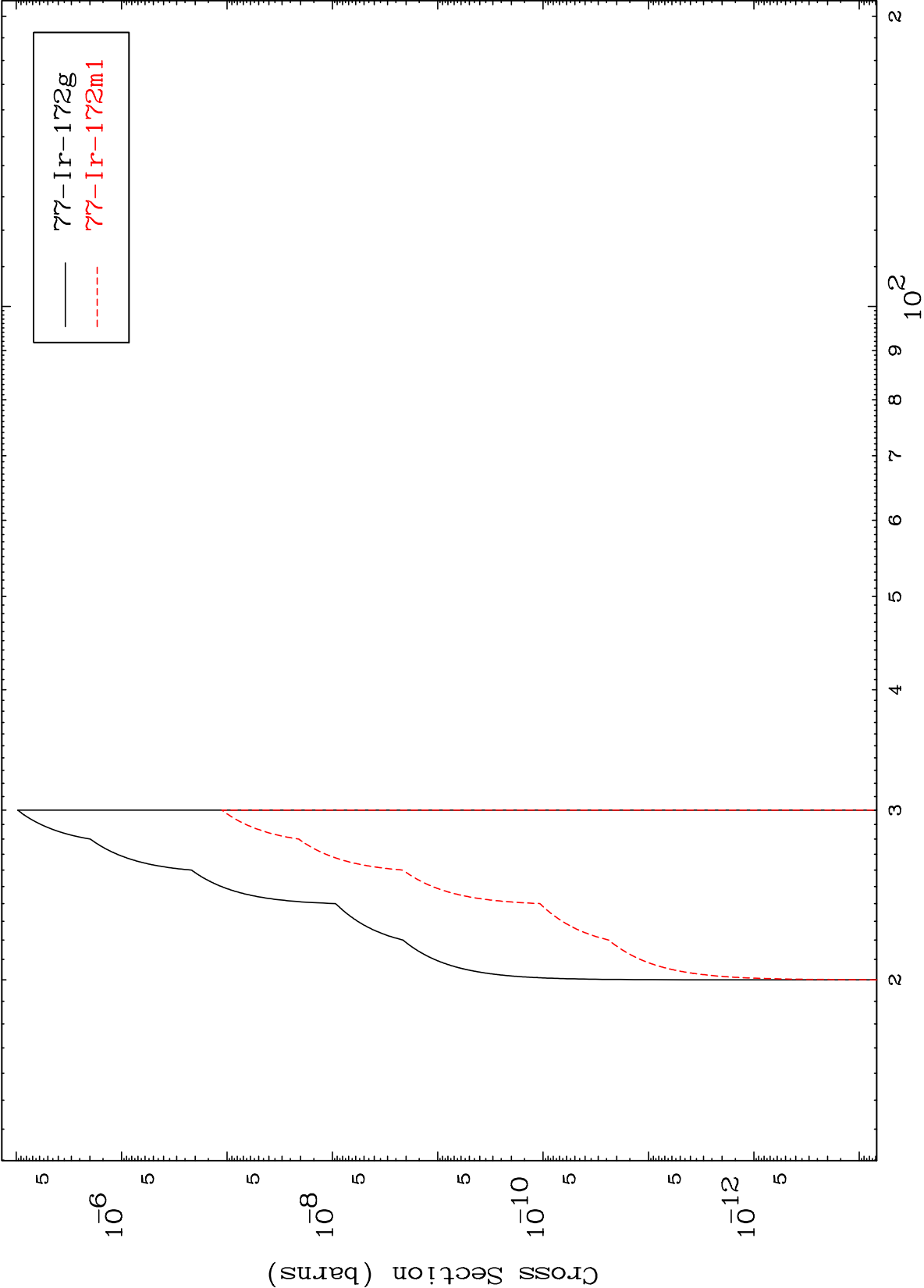


15

Incident Energy (MeV)

79-Au-178

Radionuclide Production Cross Section

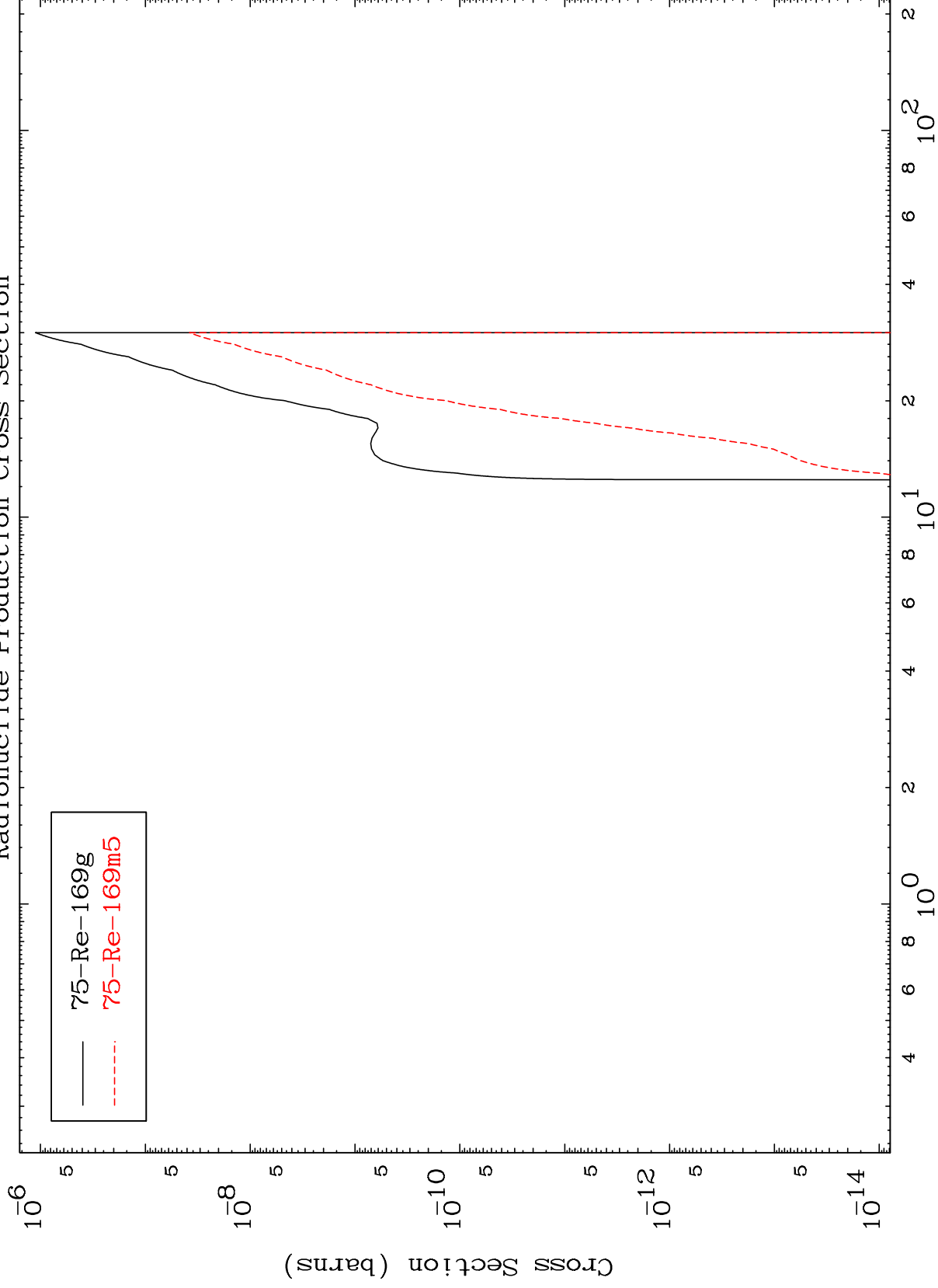


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(n,n') 2 α

79-Au-178

Radionuclide Production Cross Section



17

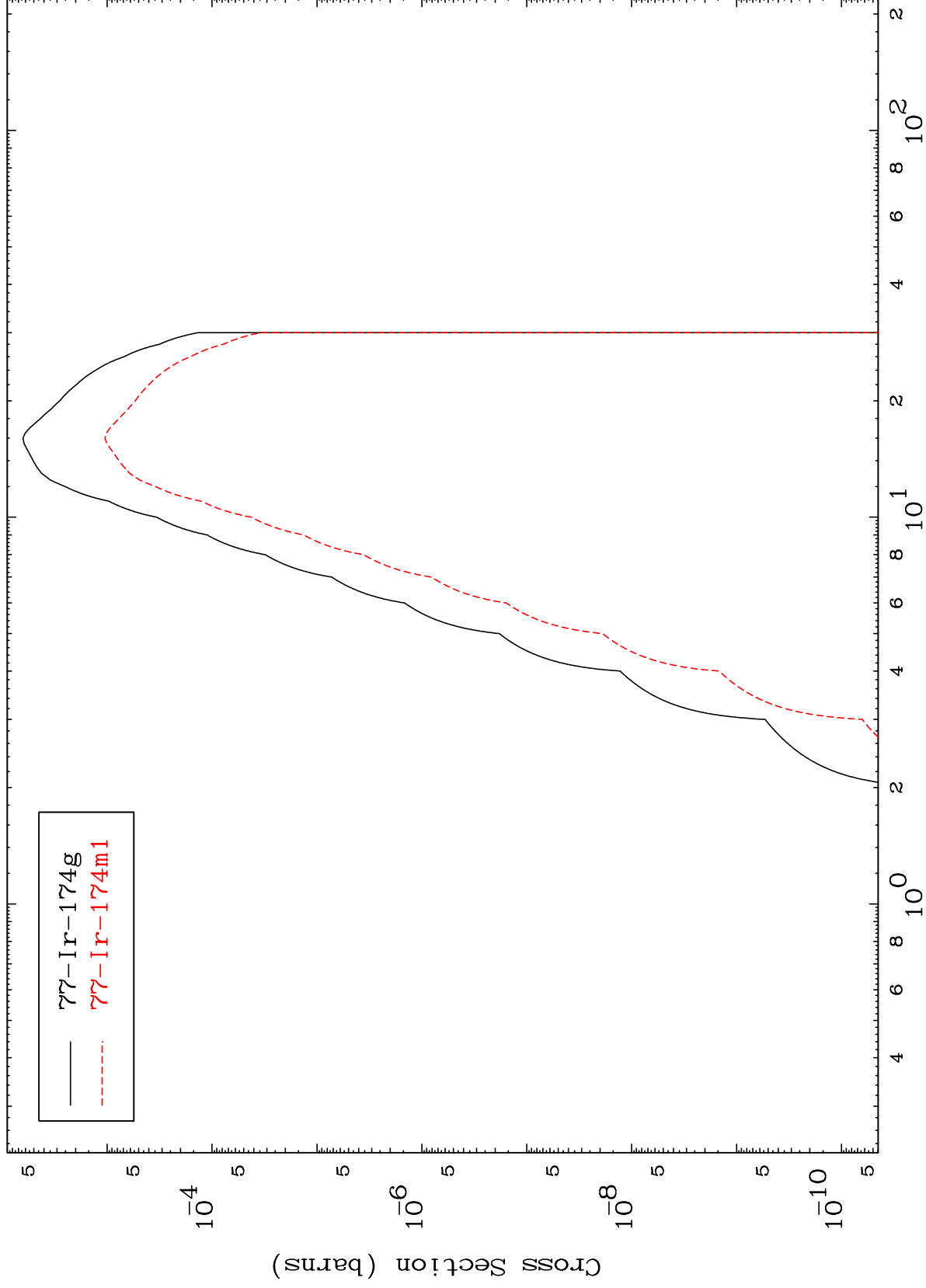
Incident Energy (MeV)

79-Au-178

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79-Au-178

Radionuclide Production Cross Section
(n, α)



18

Incident Energy (MeV)

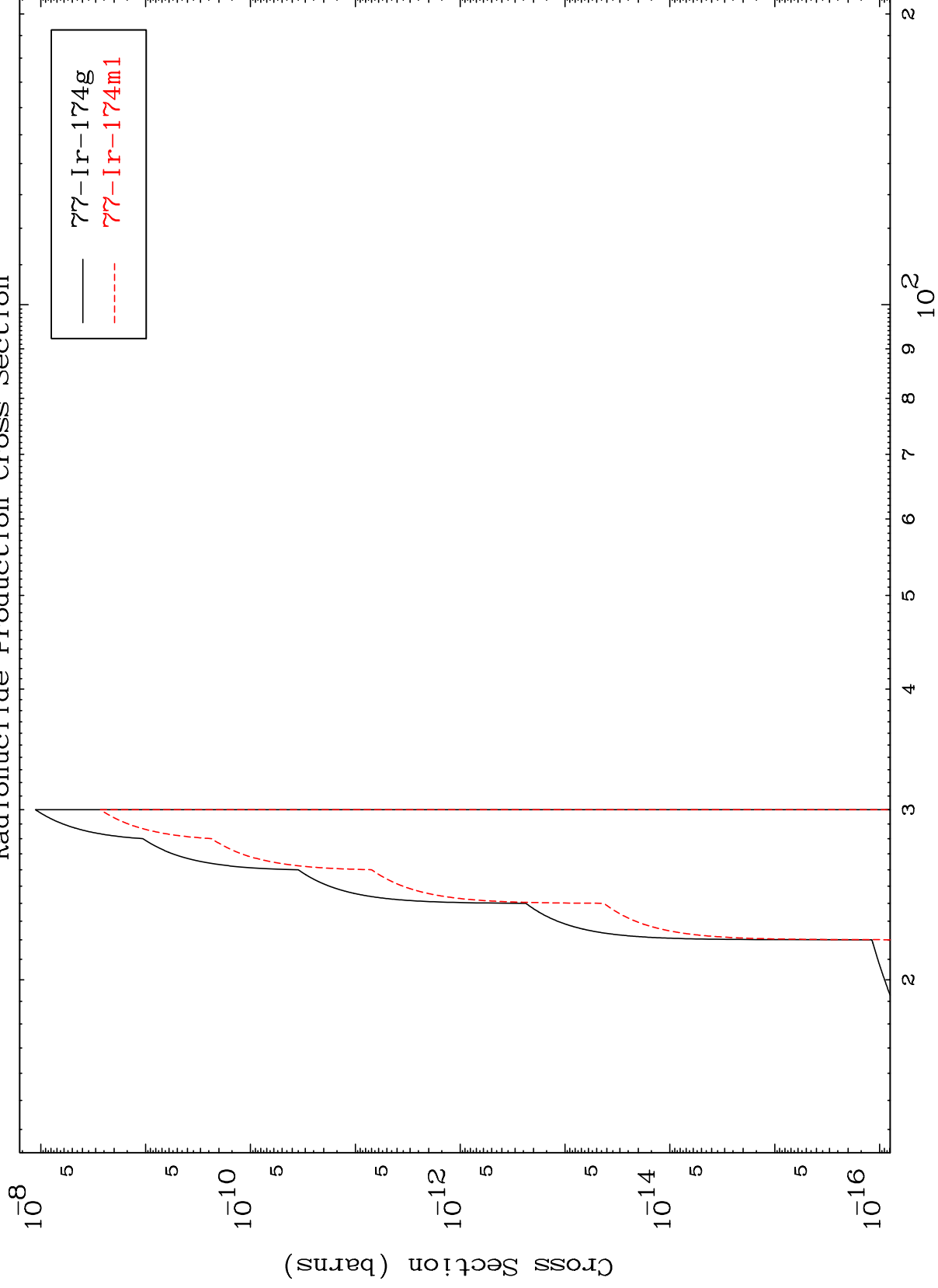
79-Au-178

MAT 7868

(n,p) t

79-Au-178

Radionuclide Production Cross Section



19

Incident Energy (MeV)

79-Au-178