

Program EVALPLOT
(Version 2021-1)

by

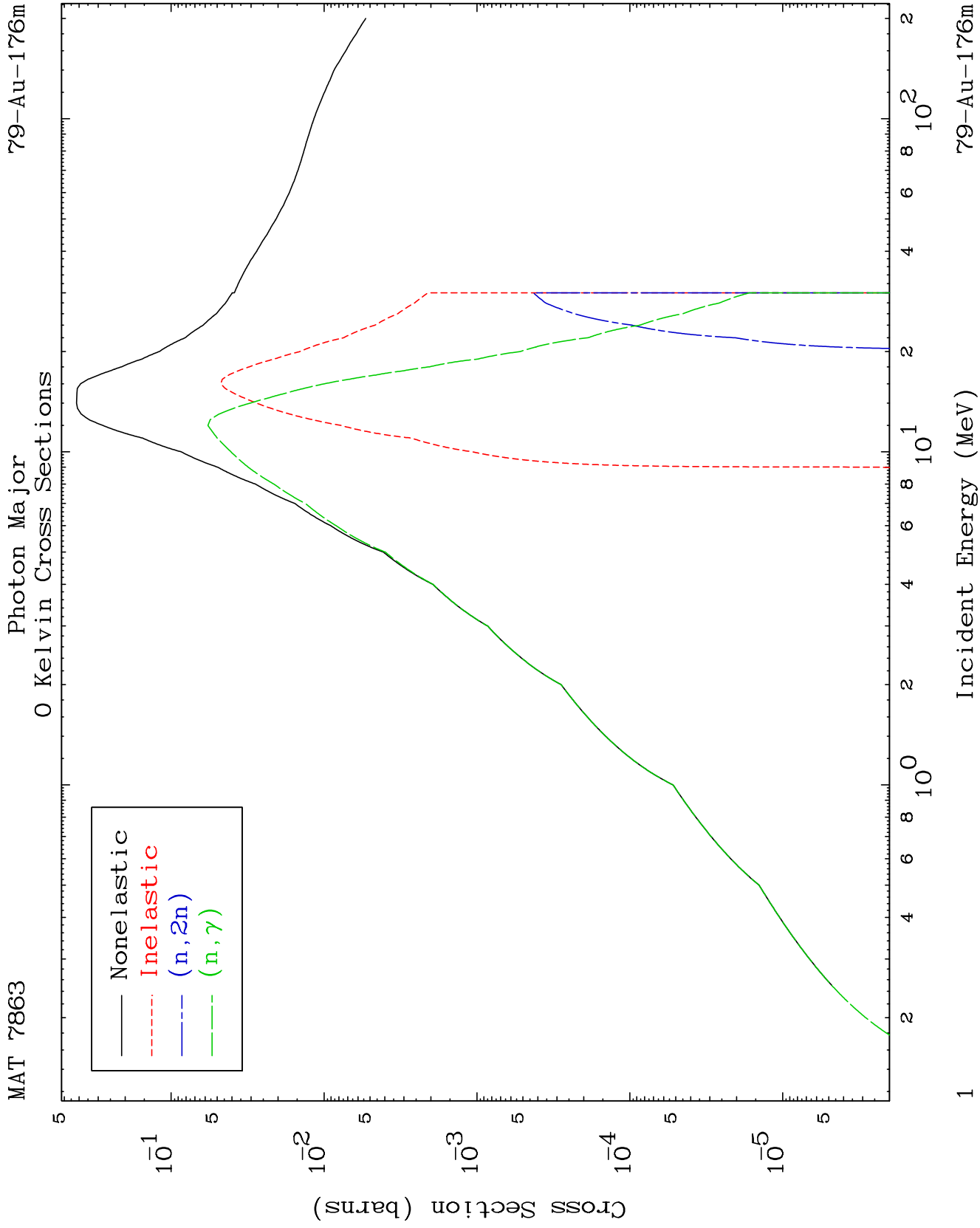
Dermott E. Cullen
(Present Contact Information)

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E.Mail: redcullen1@comcast.net
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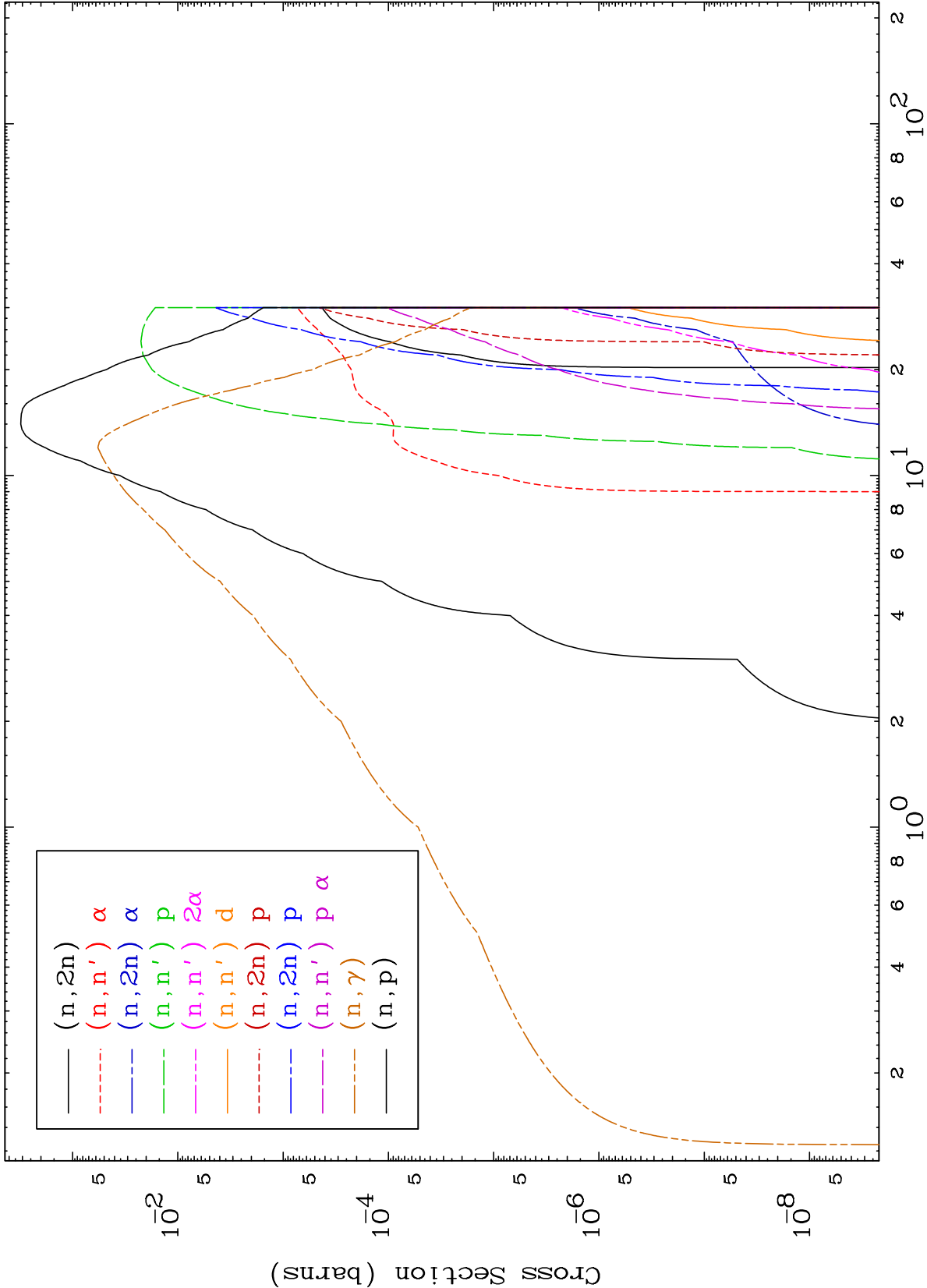
Press Mouse Button to Start



MAT 7863

Photon Neutron Absorption
0 Kelvin Cross Sections

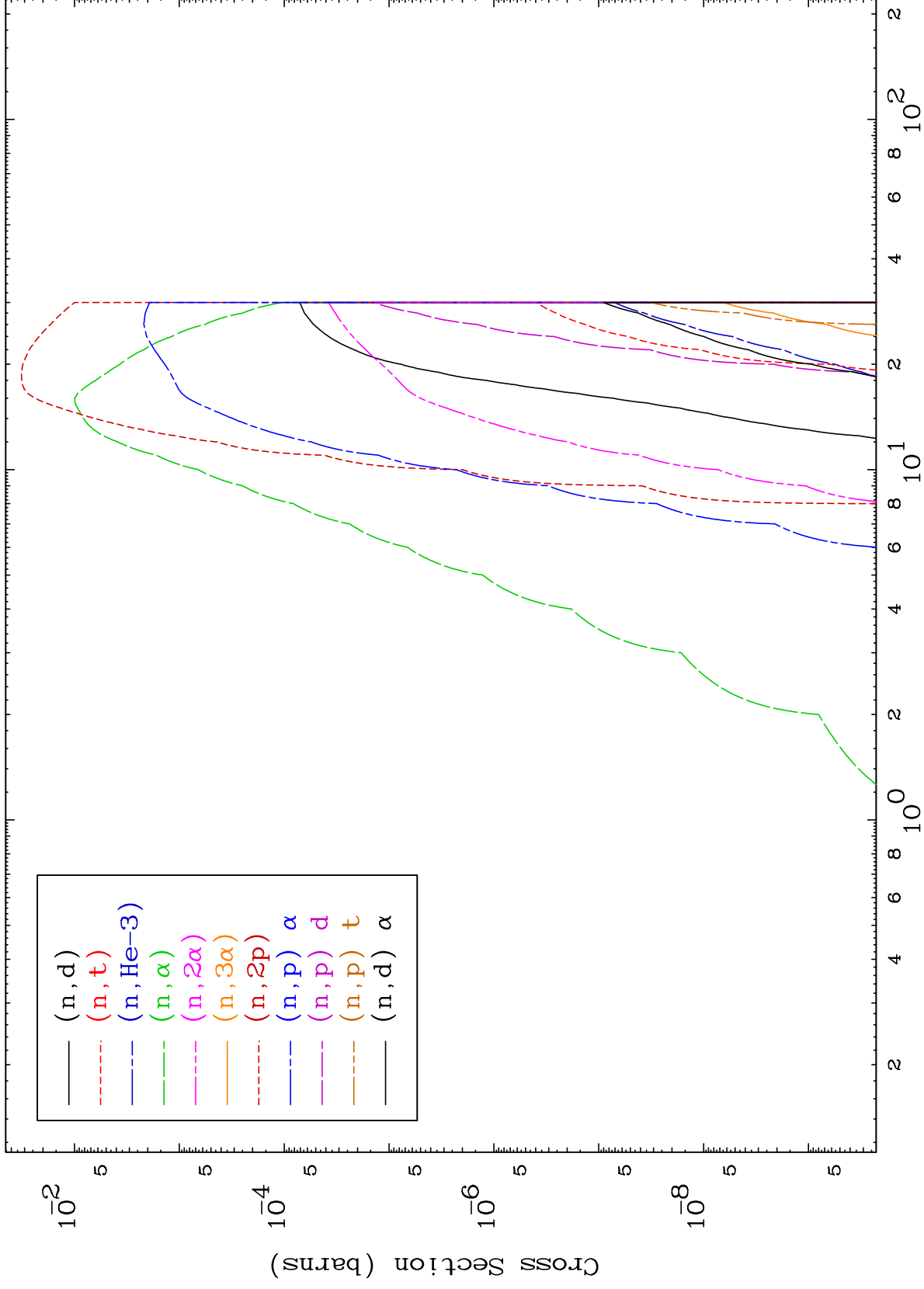
⁷⁹Au-176m

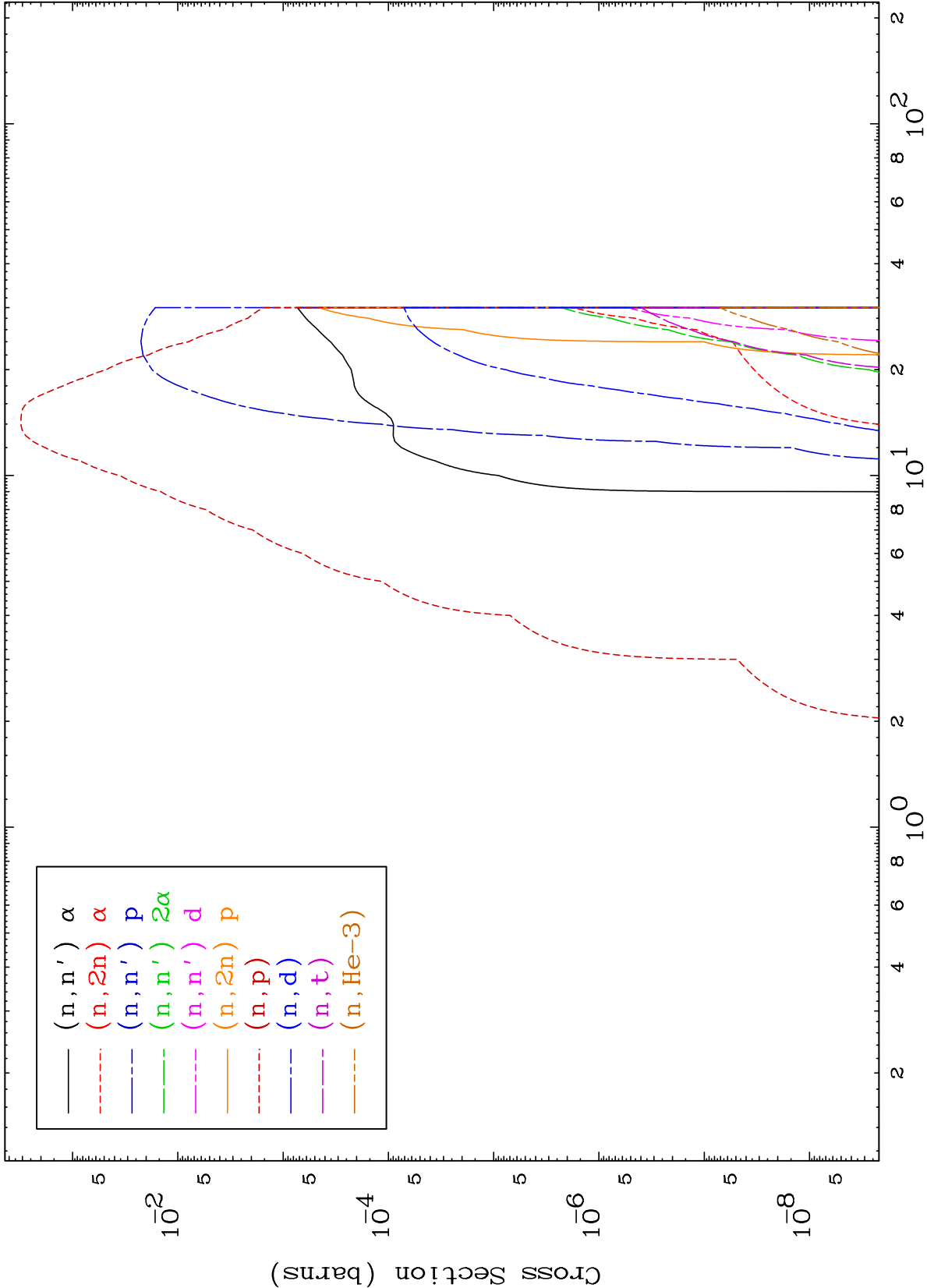


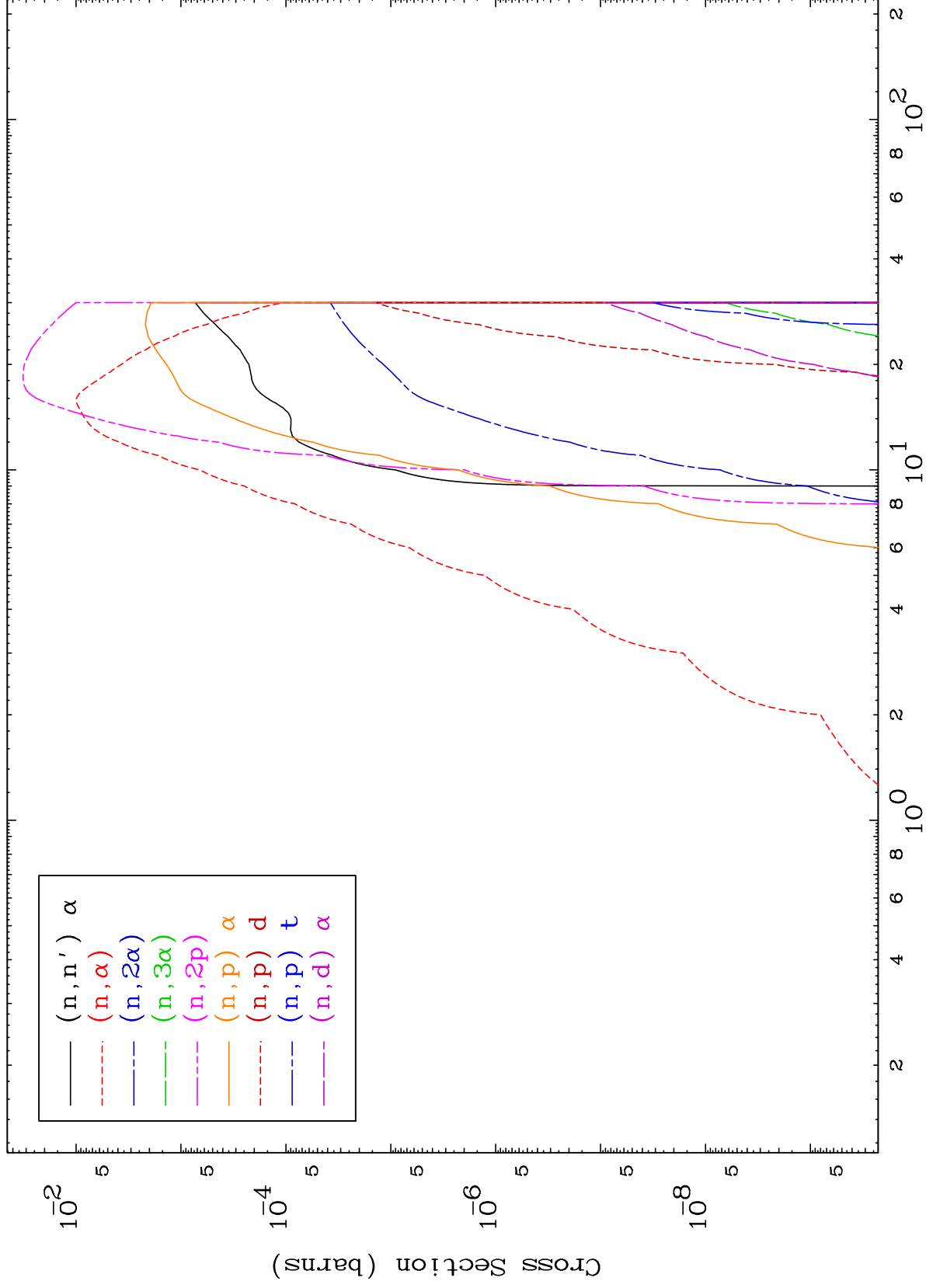
MAT 7863

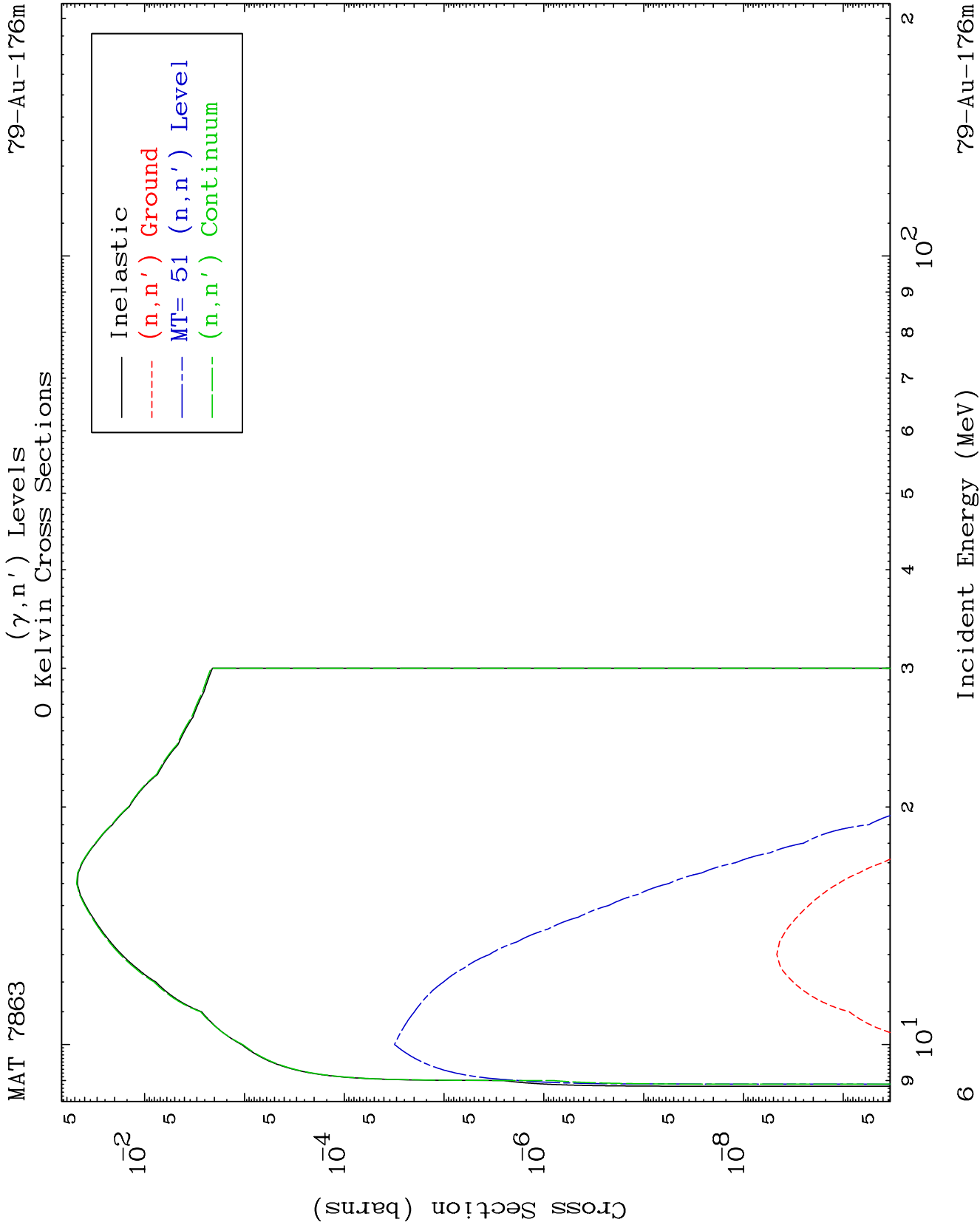
Photon Neutron Absorption
0 Kelvin Cross Sections

⁷⁹Au-176m





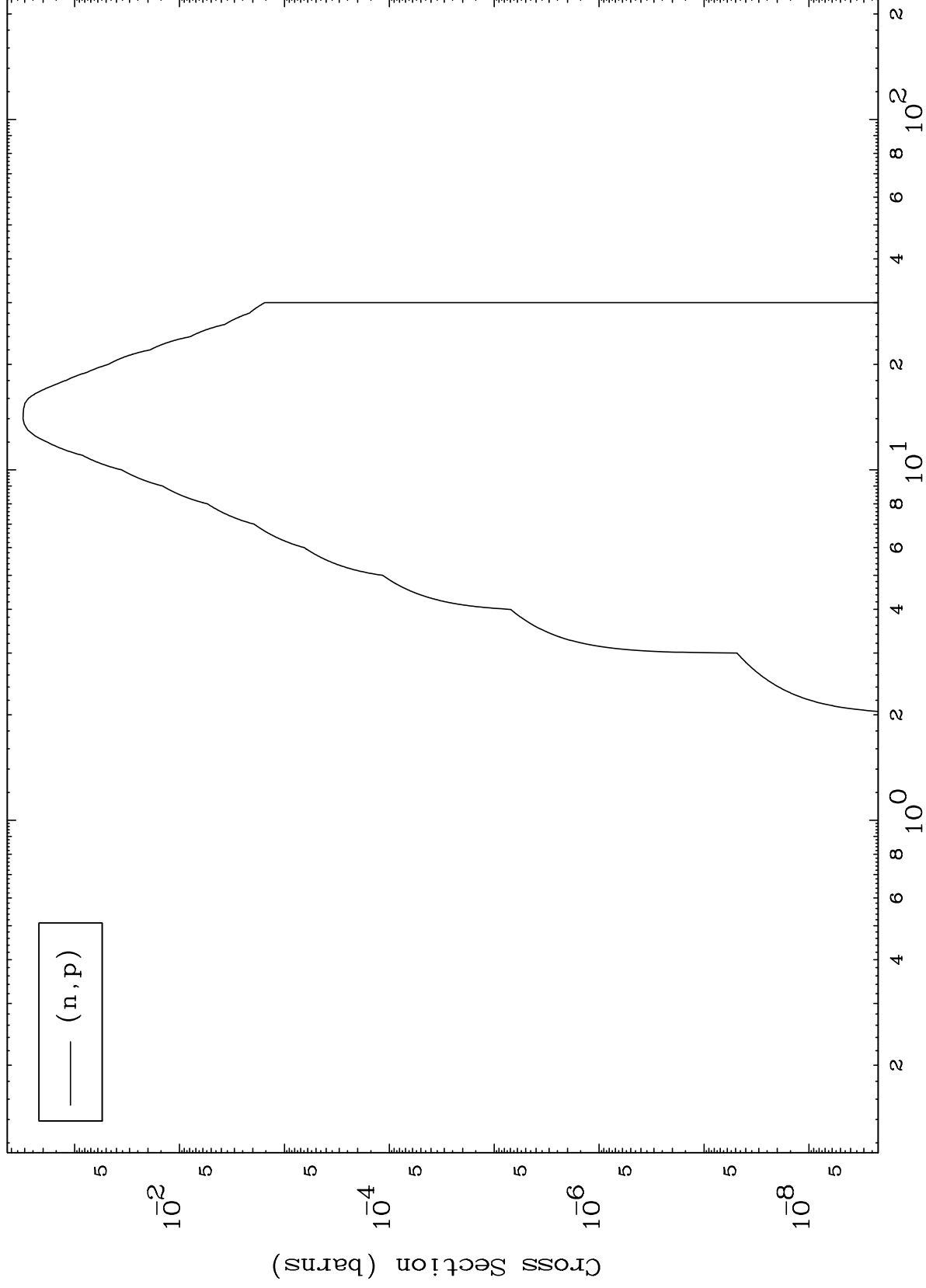




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79-Au-176m

(γ, p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

79-Au-176m

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 (γ, d) Levels

79-Au-176m

 10^{-4} 10^{-6}
$$10^8$$
 10^{-10} 10^{-12}

Cross Section (barns)

0 Kelvin Cross Sections

 (n, d)

88

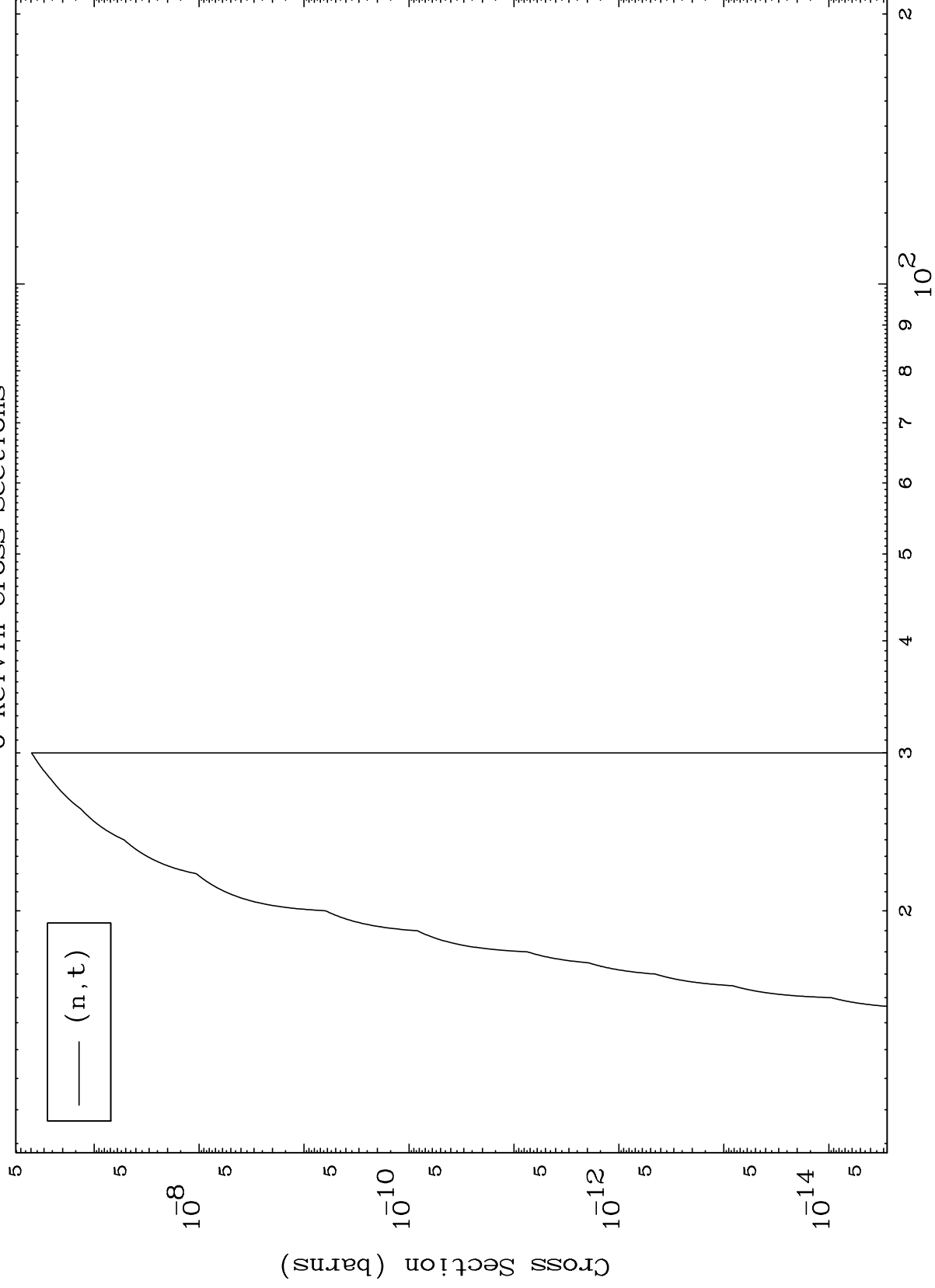
Incident Energy (MeV)

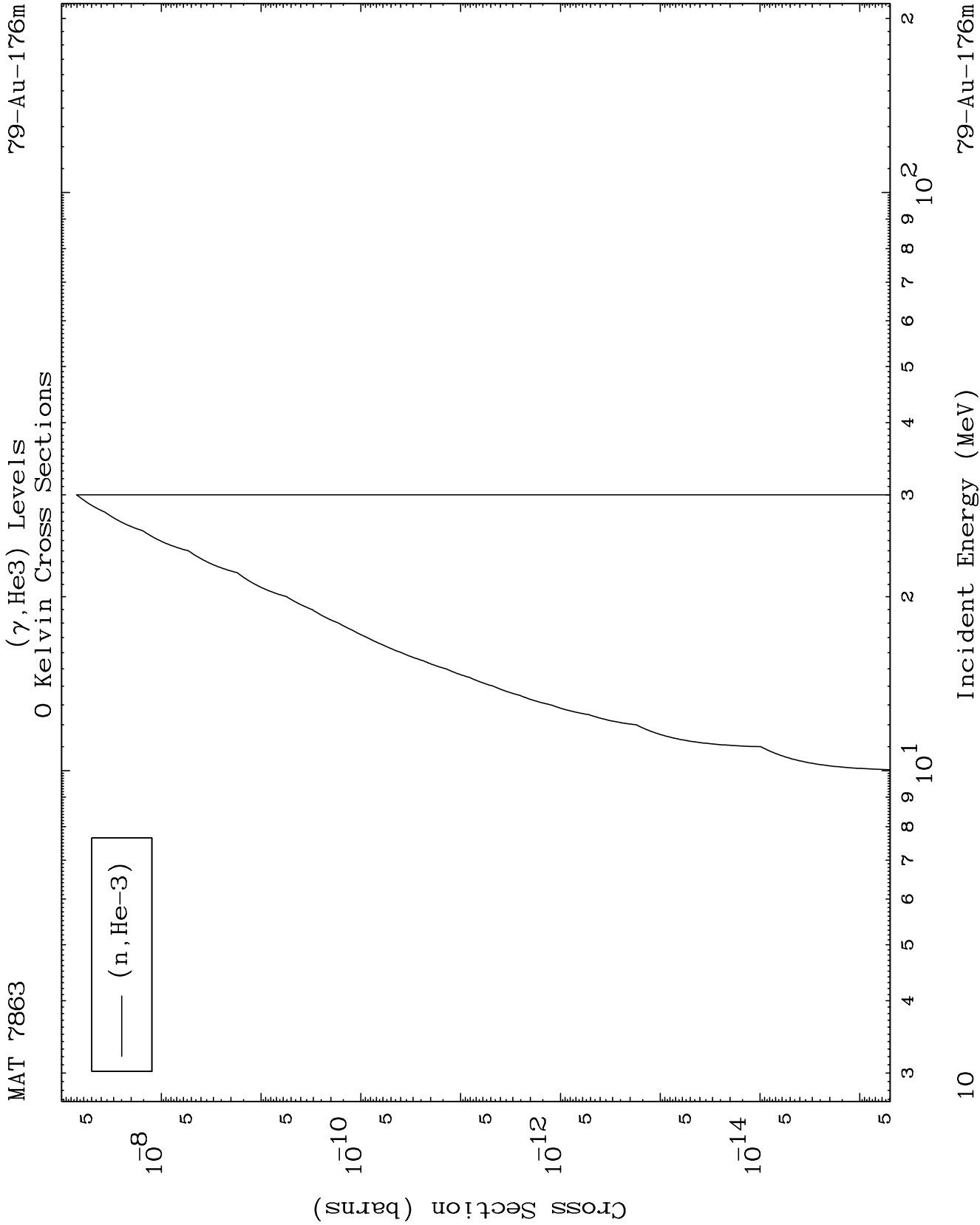
79-Au-176m

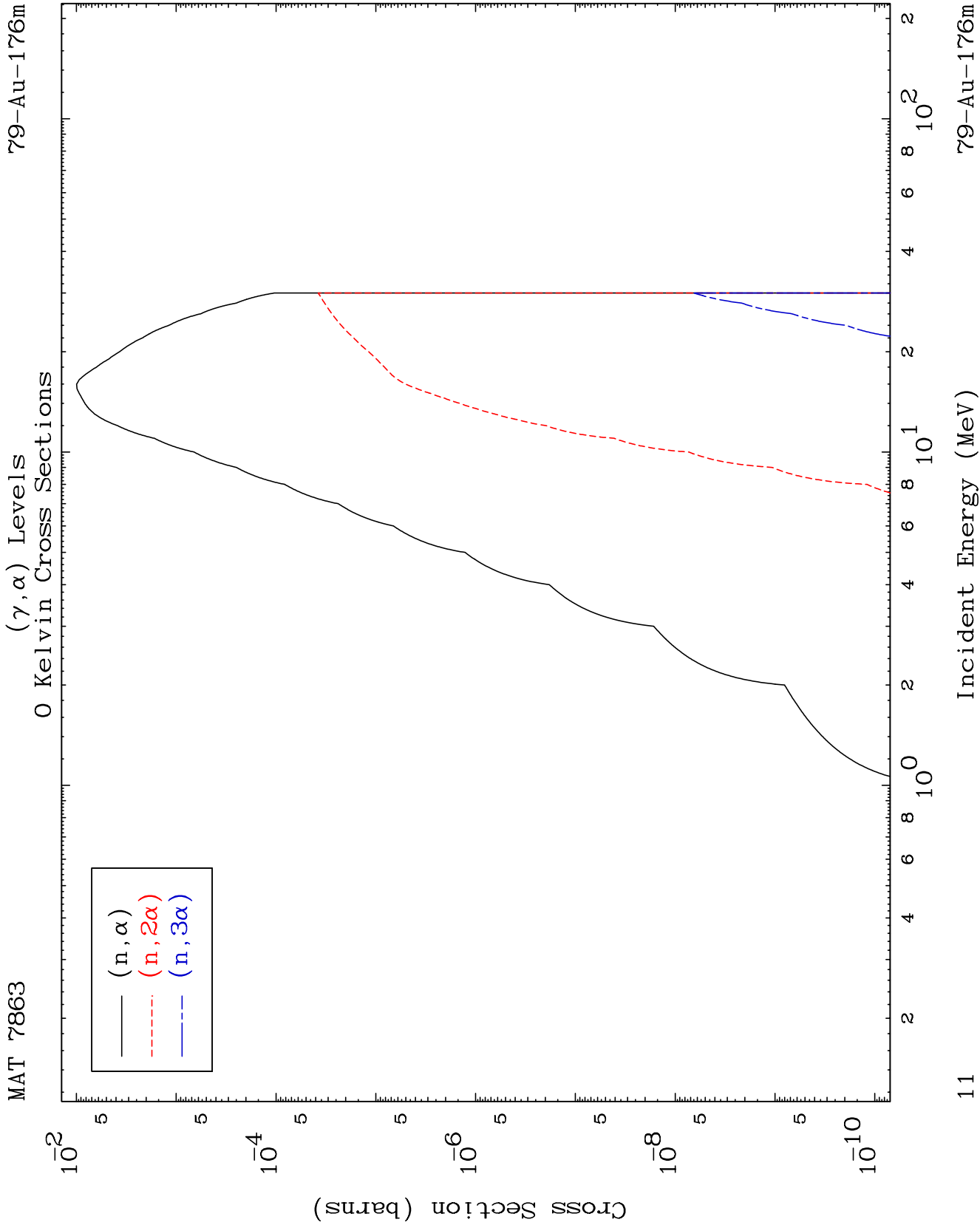
 10^2

2

(γ, t) Levels
0 Kelvin Cross Sections



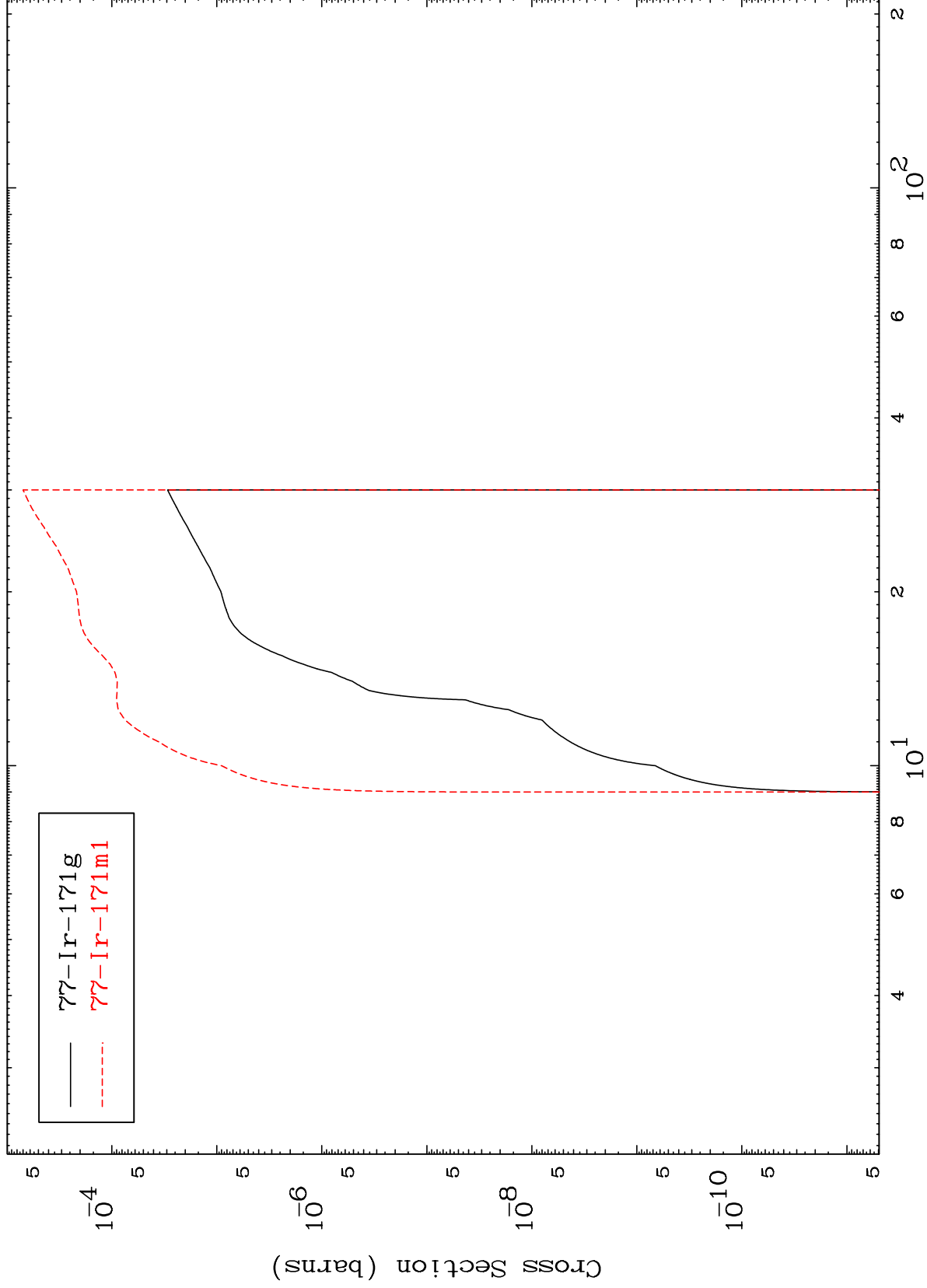




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$^{79}\text{Au-176m}$

$(n,n') \alpha$
Radionuclide Production Cross Section

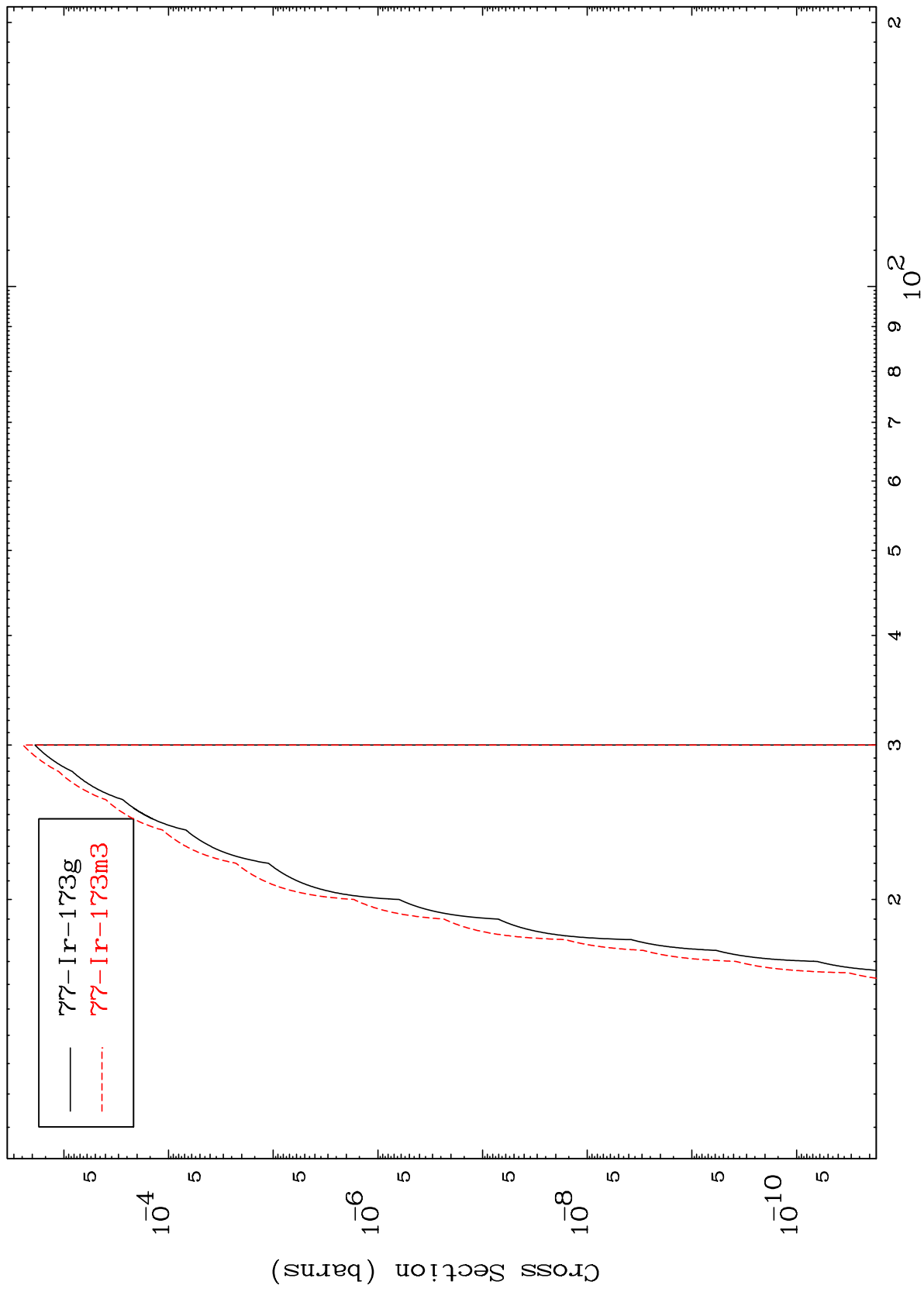


$^{79}\text{Au-176m}$

Incident Energy (MeV)

12

(n,2n) p
Radionuclide Production Cross Section

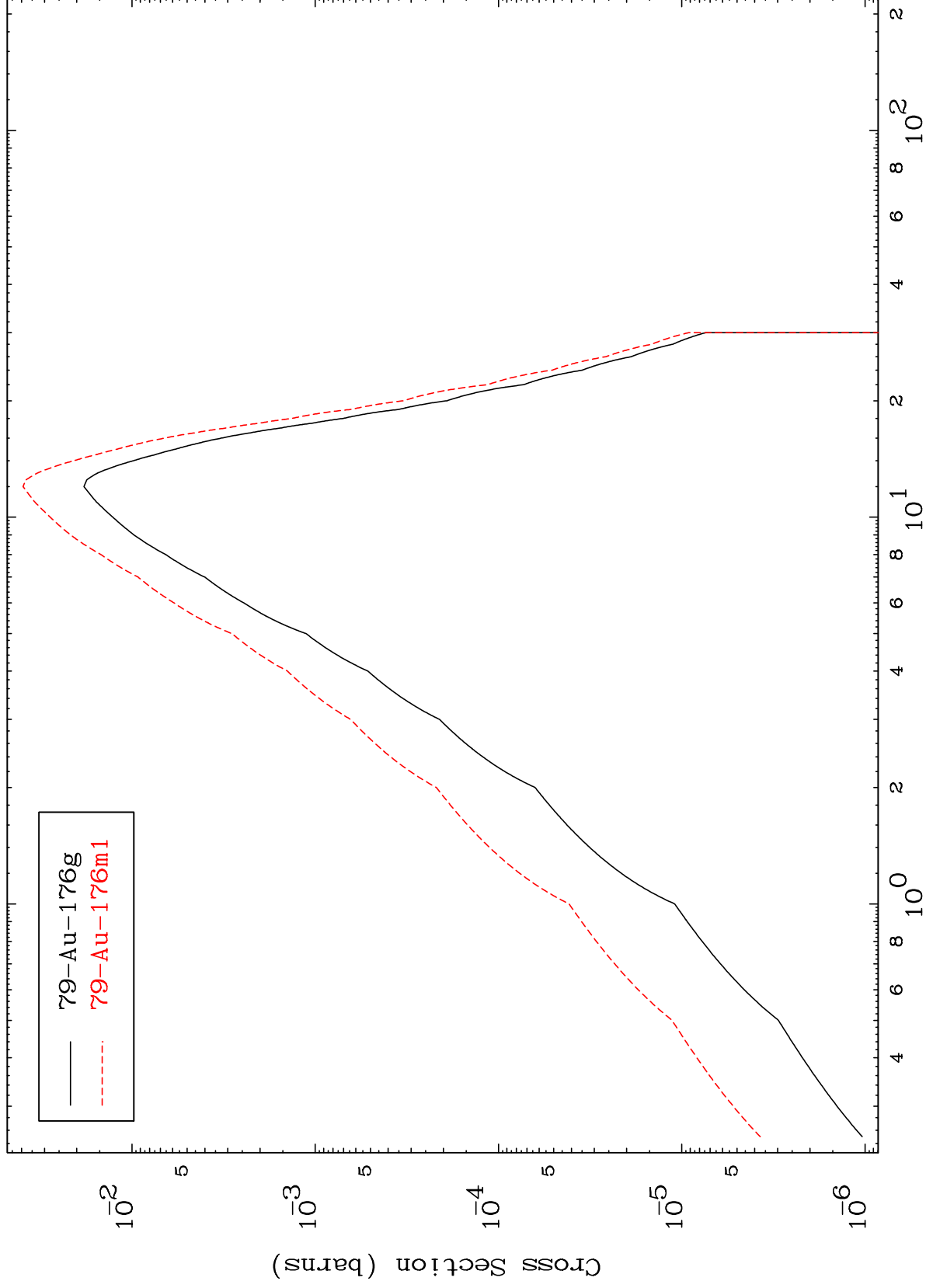


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$^{79}\text{Au-176m}$

Radionuclide Production Cross Section

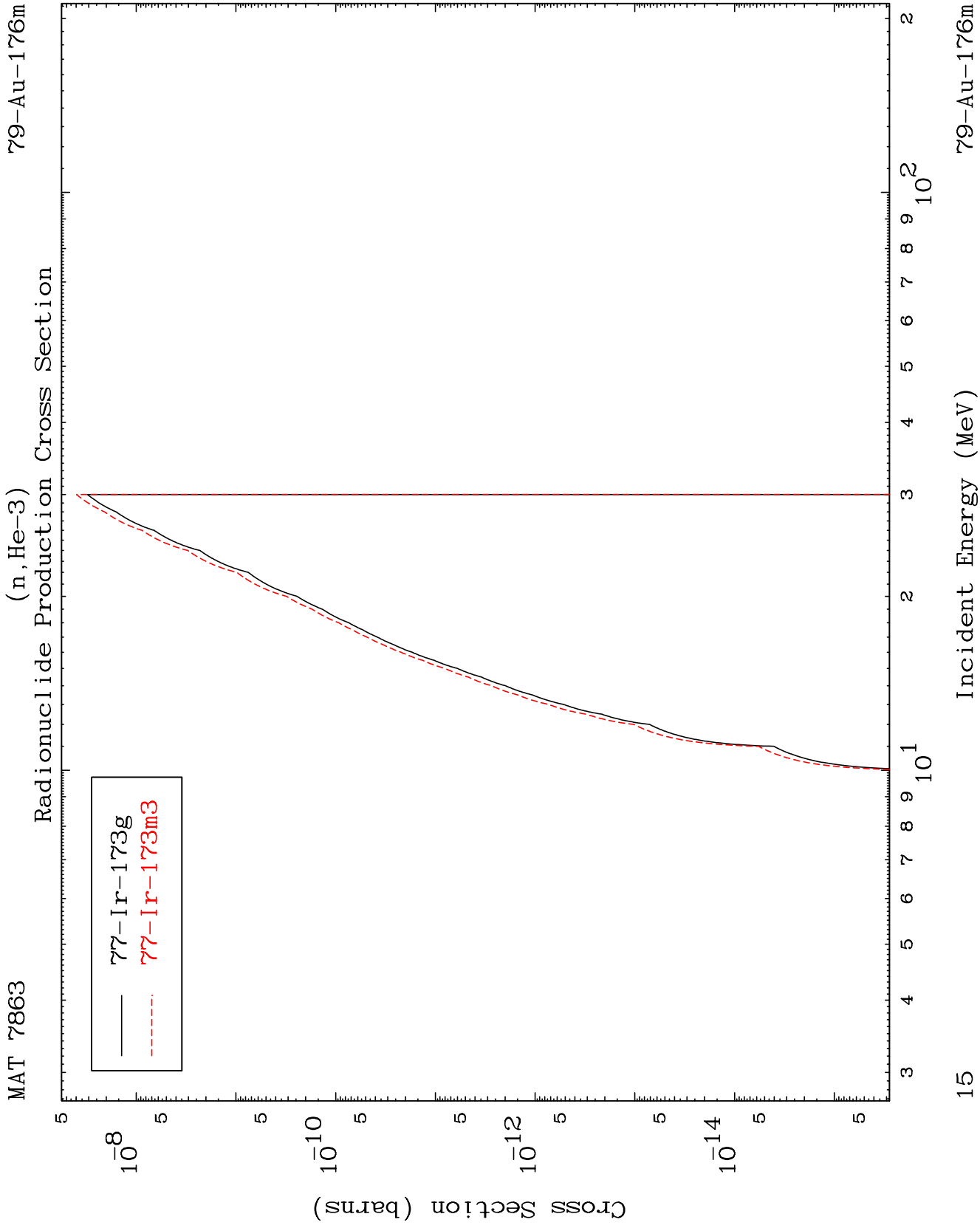
(n, γ)

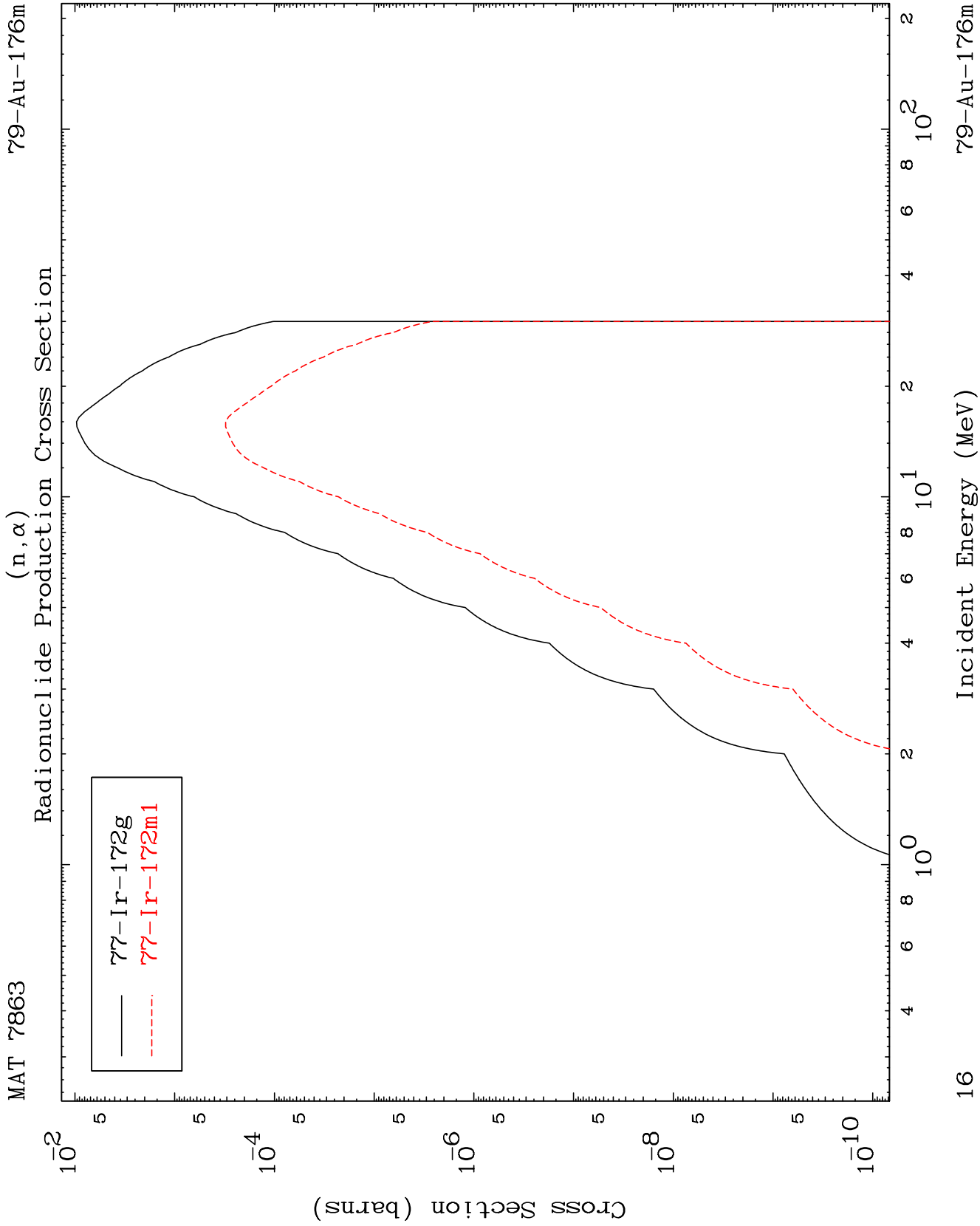


14

Incident Energy (MeV)

$^{79}\text{Au-176m}$

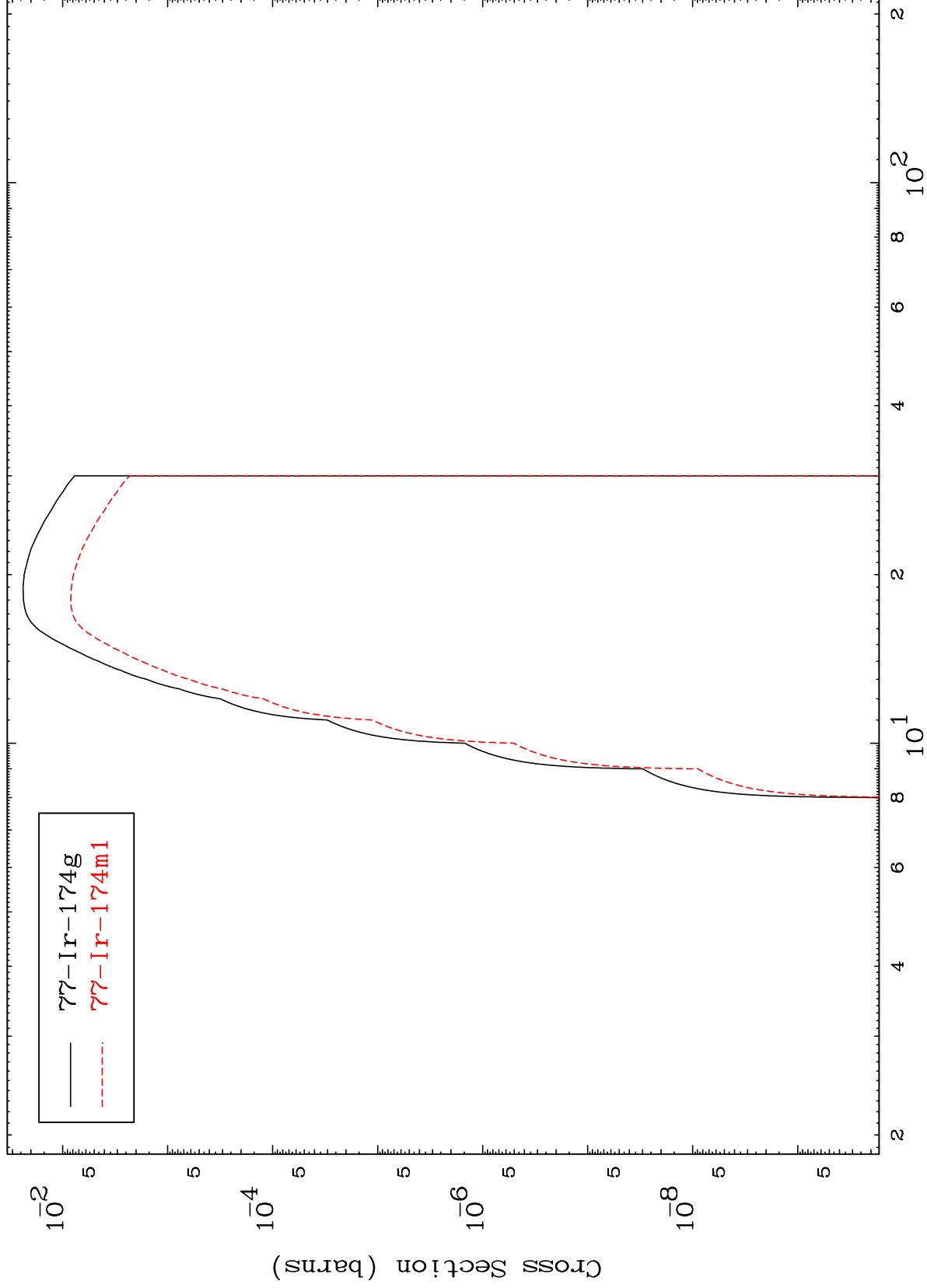




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79-Au-176m

(n,2p)
Radionuclide Production Cross Section



79-Au-176m

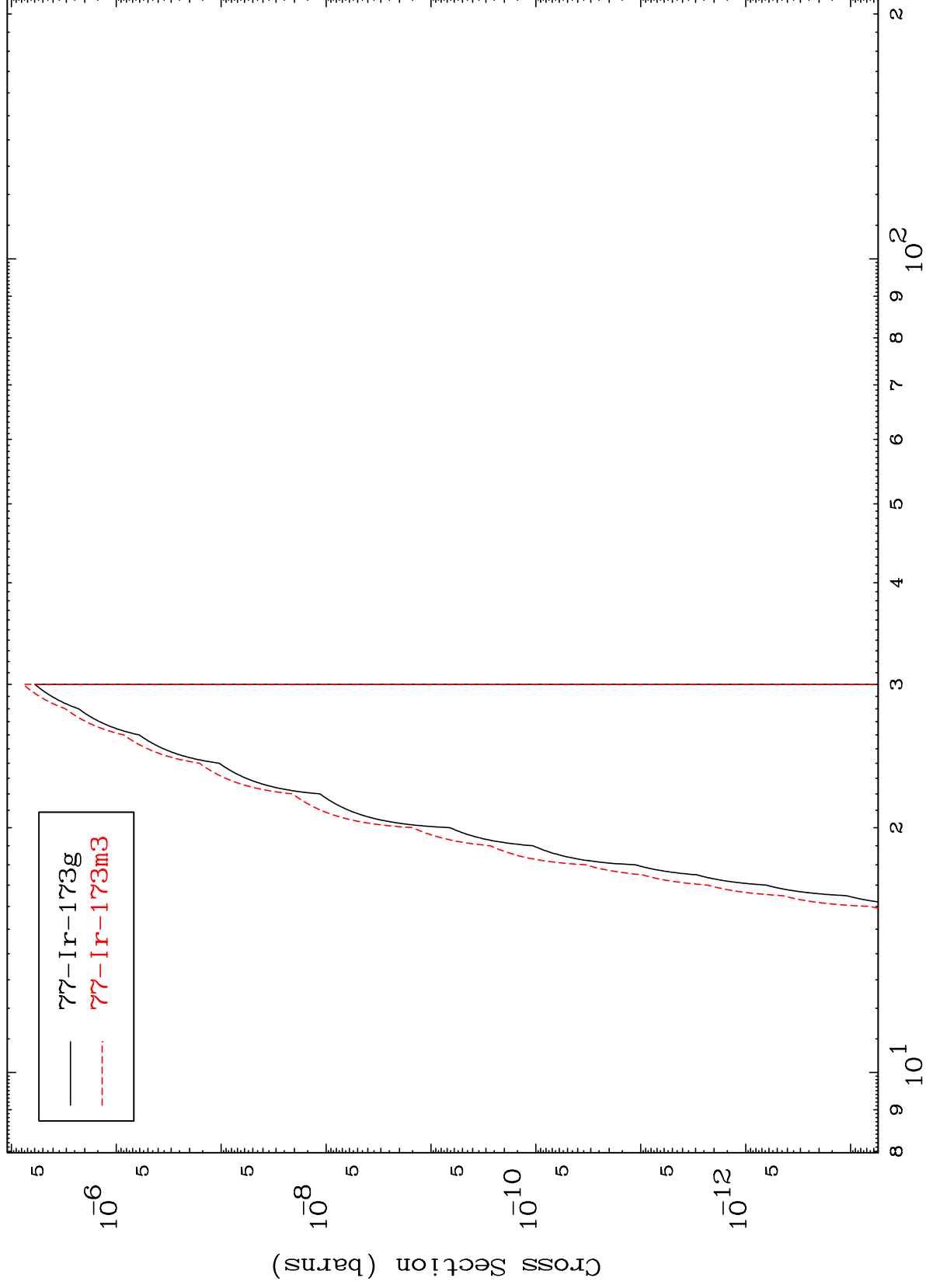
Incident Energy (MeV)

17

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⁷⁹Au-176m

(n,p) d
Radionuclide Production Cross Section



⁷⁹Au-176m

Incident Energy (MeV)

18

(n,p) t
Radionuclide Production Cross Section

