

Program EVALPLOT  
(Version 2021-1)

by

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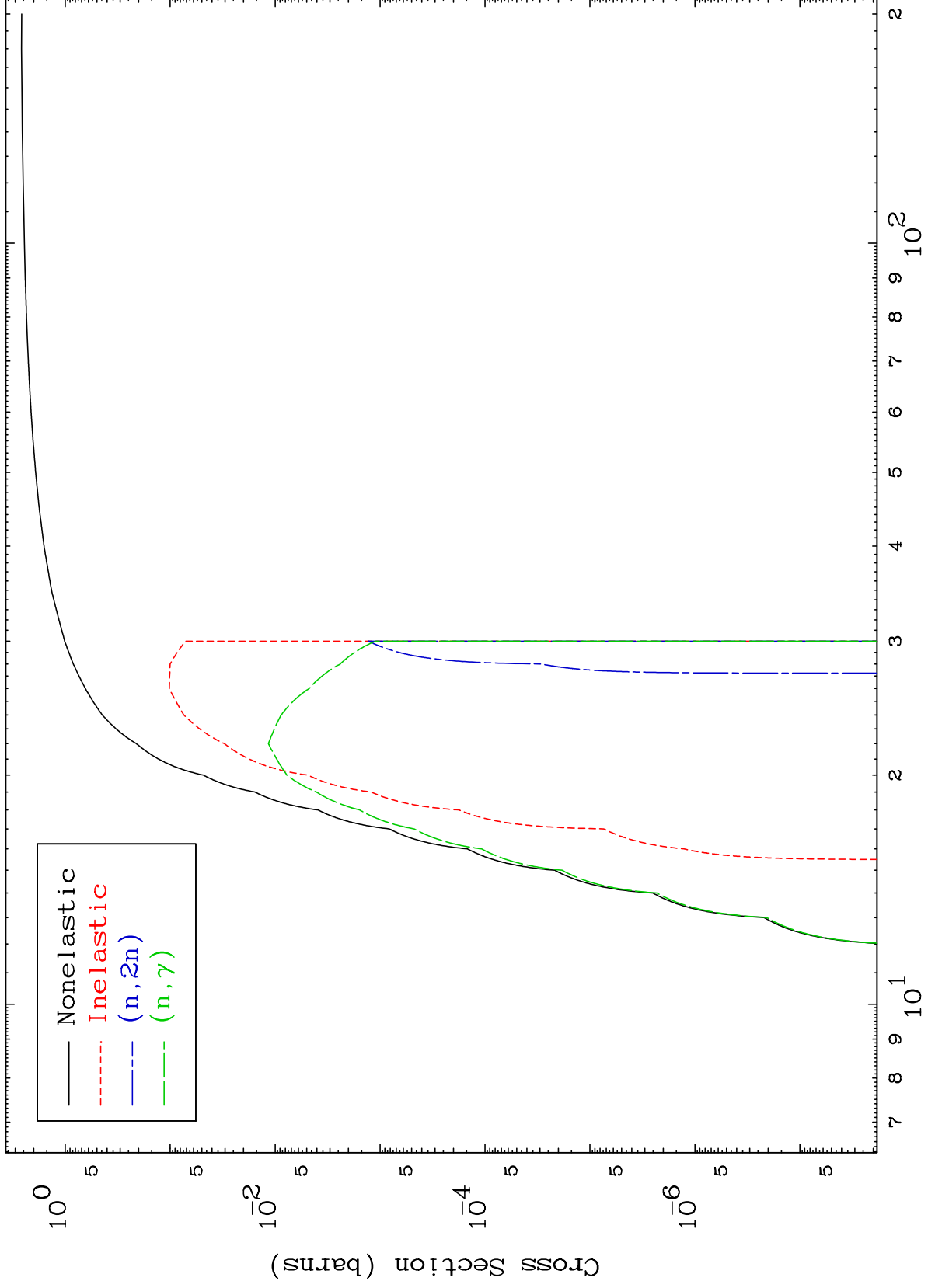
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7868

0 Kelvin Cross Sections

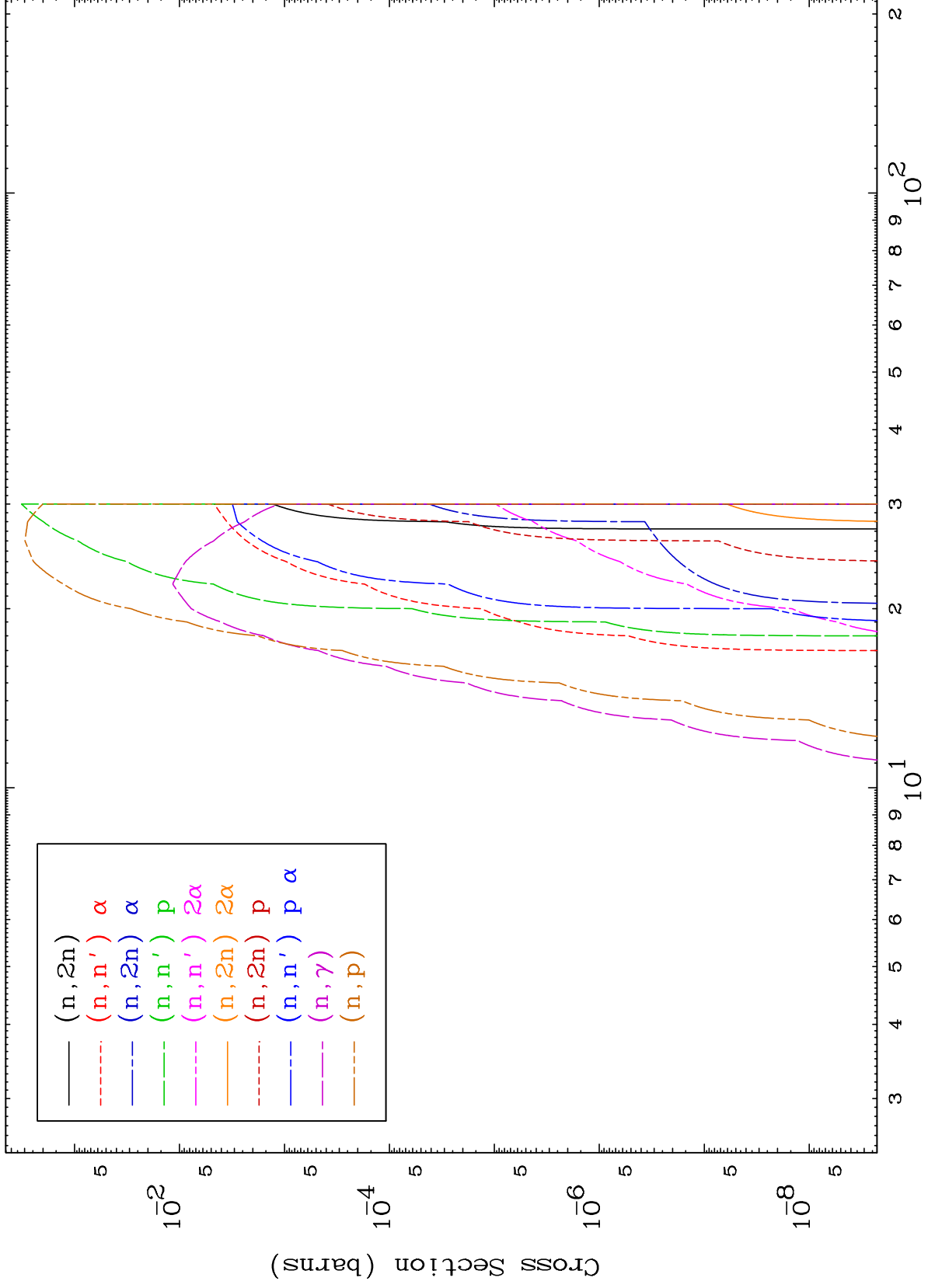
79-Au-178



1

Incident Energy (MeV)

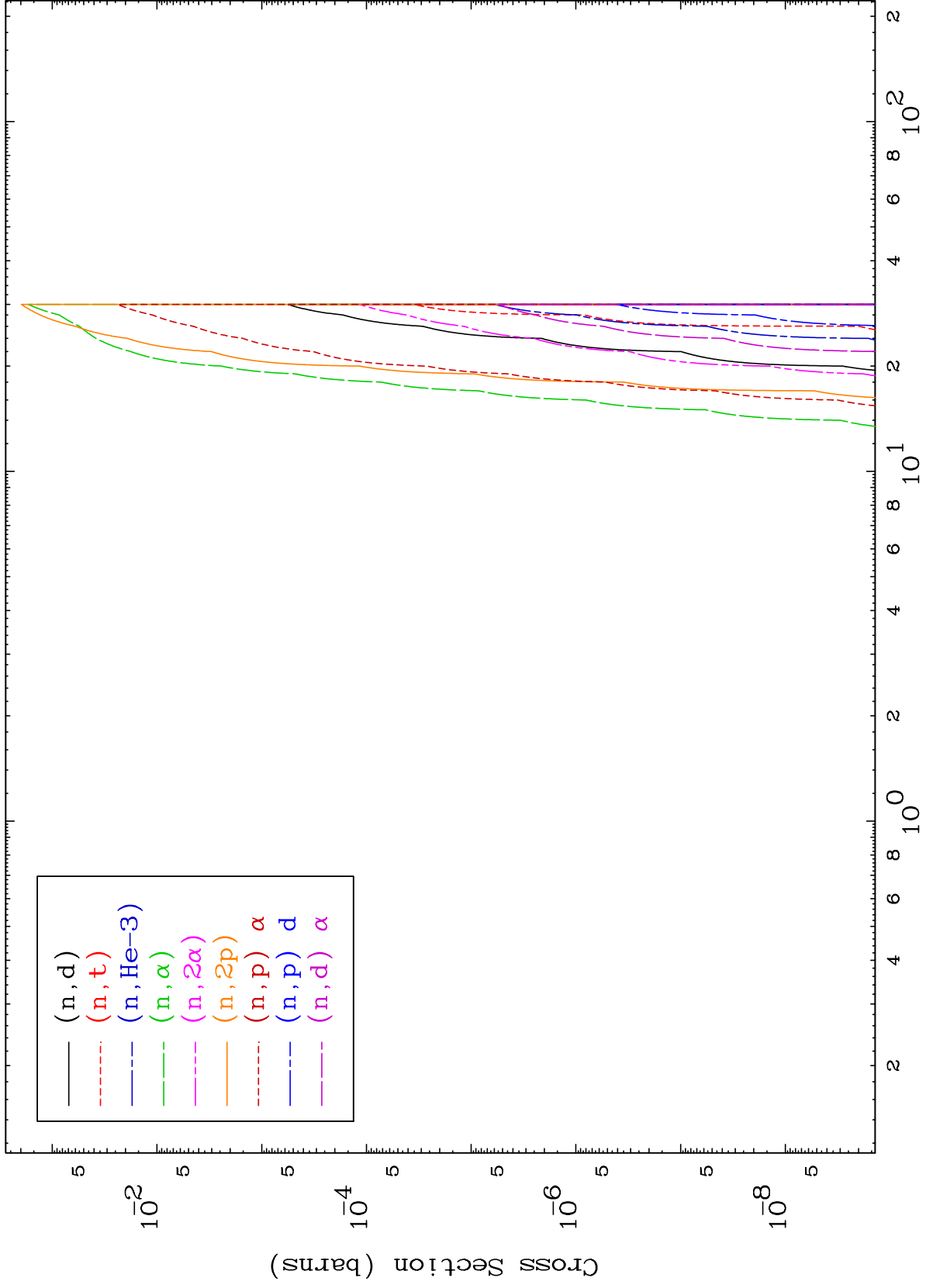
79-Au-178

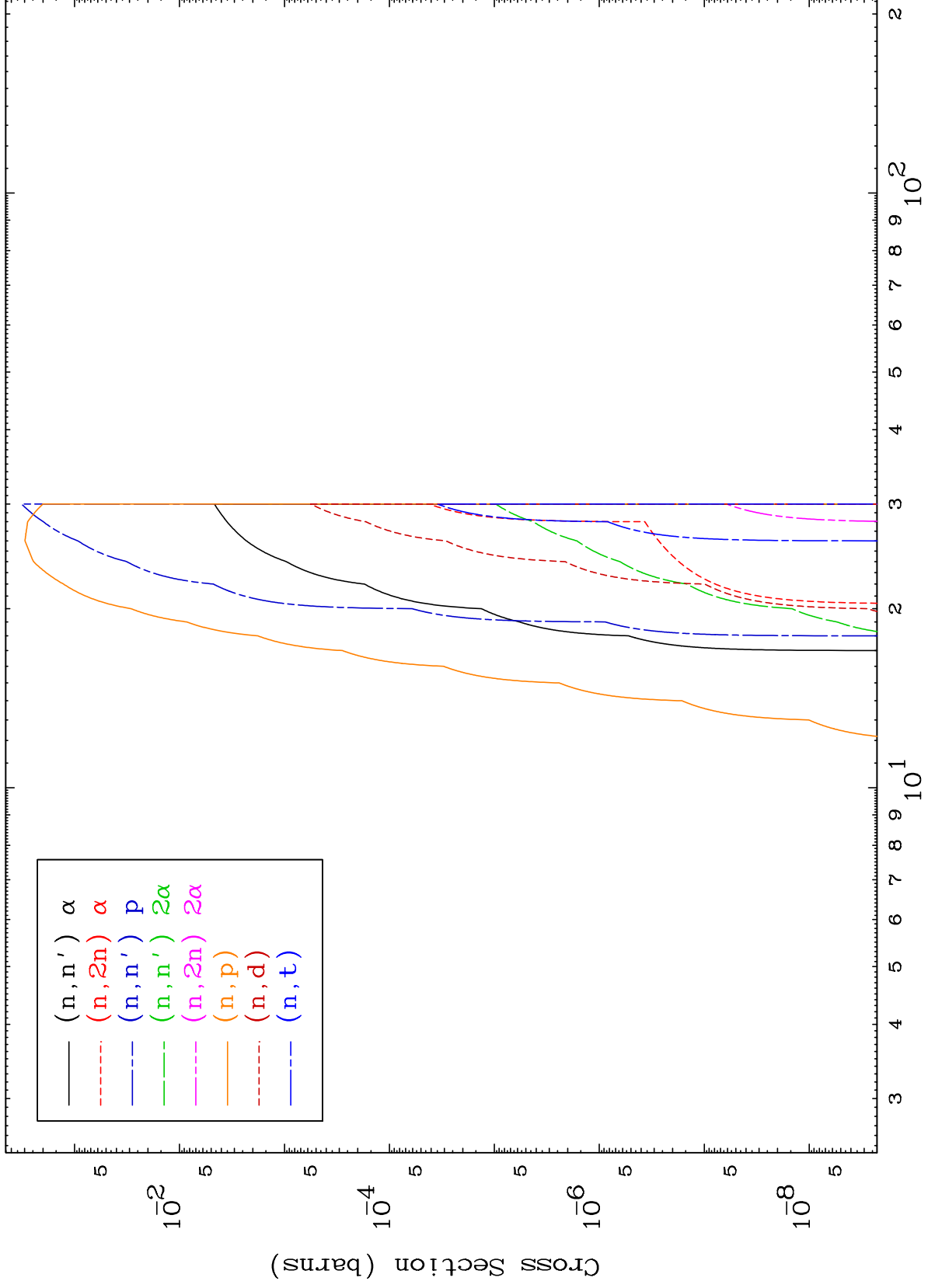


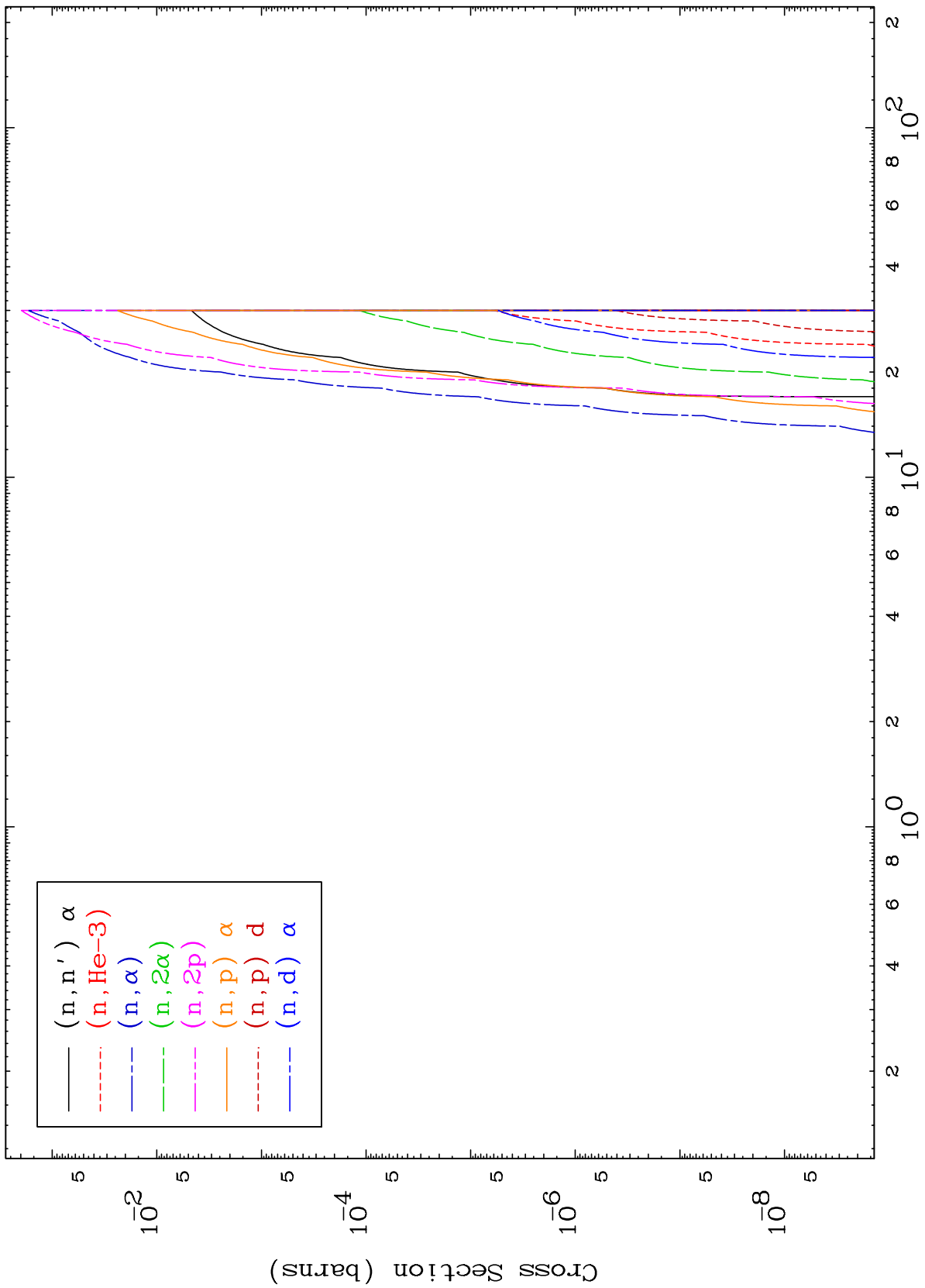
MAT 7868

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

79-Au-178



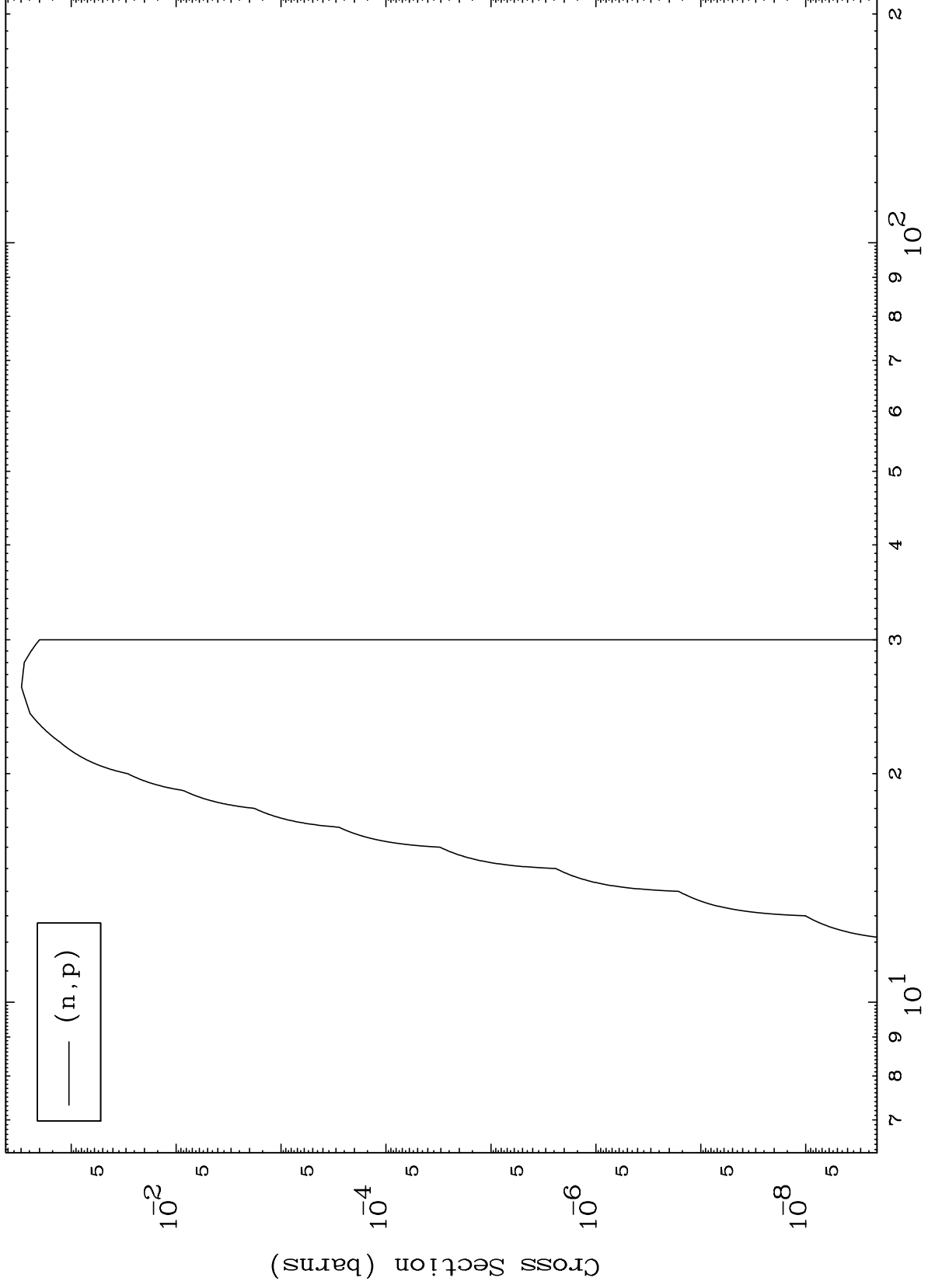




MAT 7868

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

79-Au-178

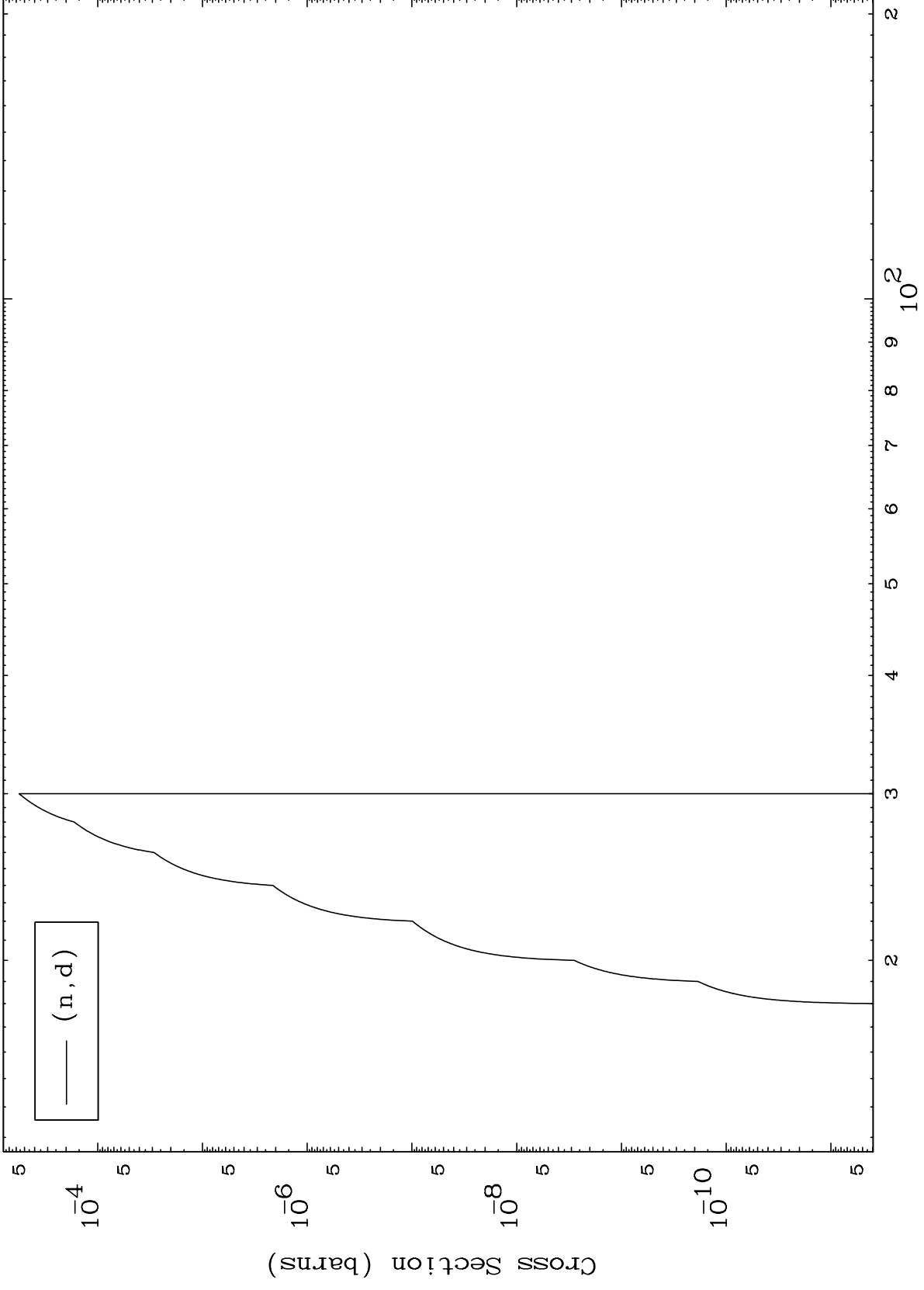


(n, p)

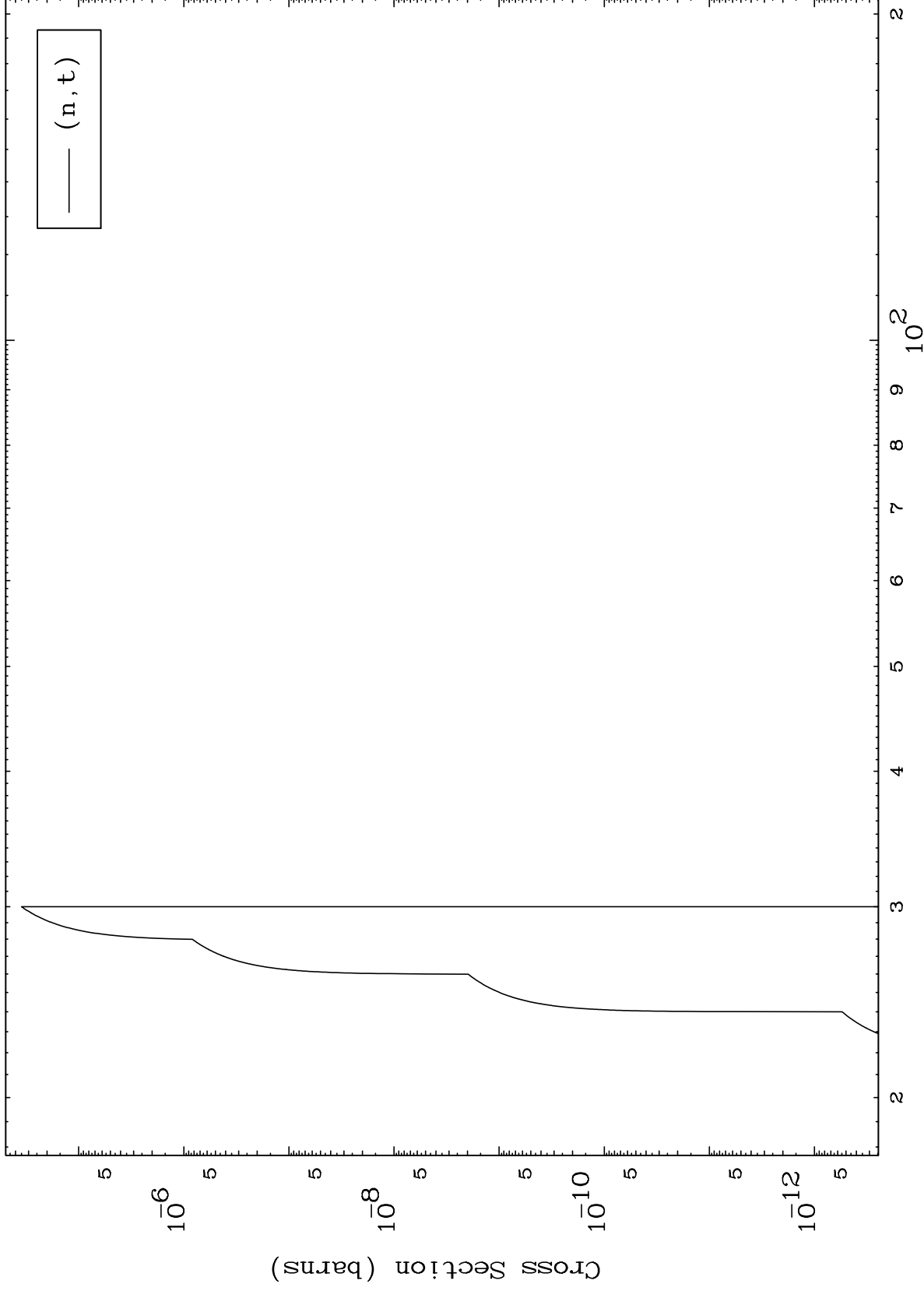
MAT 7868

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

79-Au-178



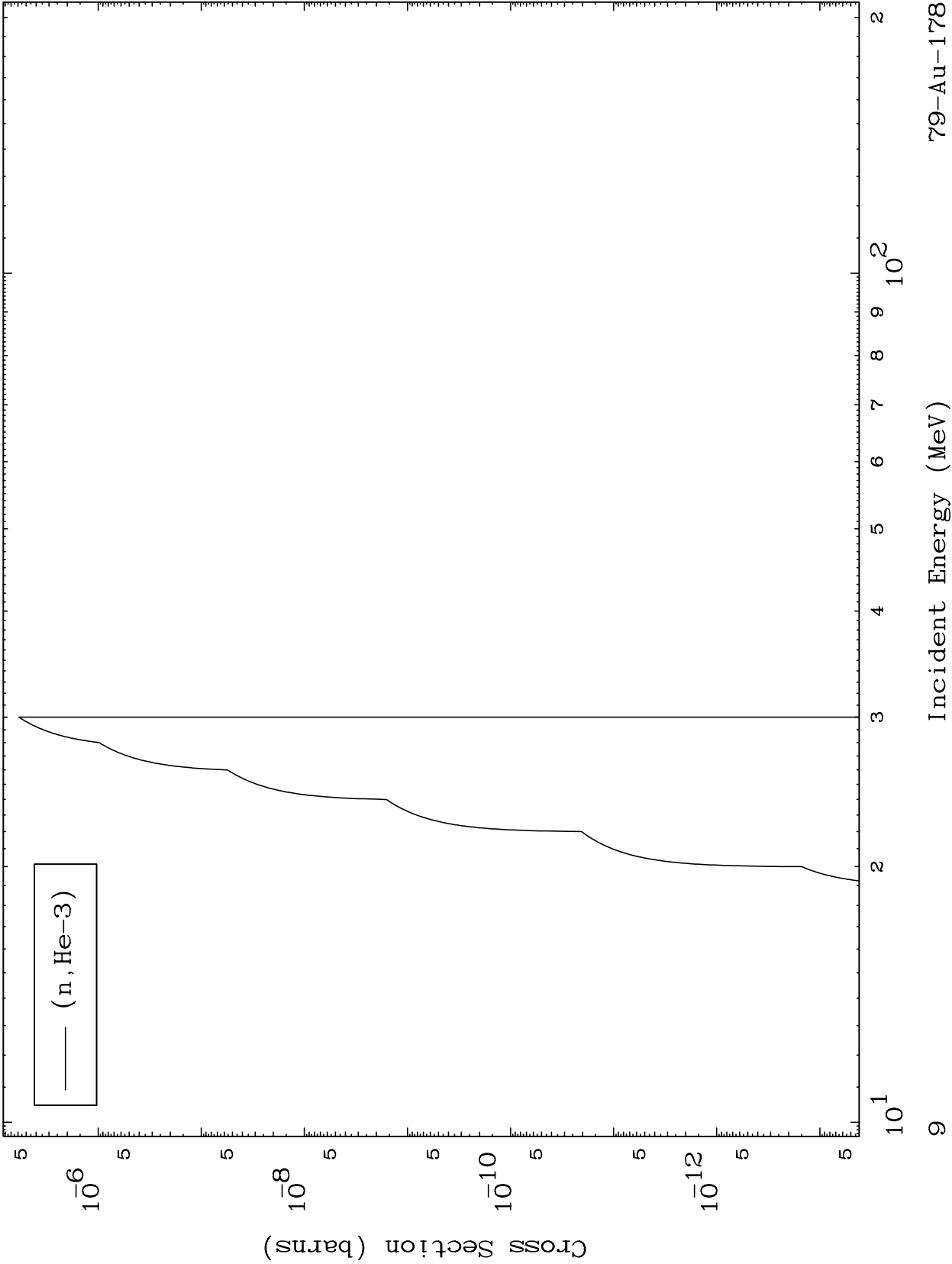




MAT 7868

79-Au-178

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections



79-Au-178

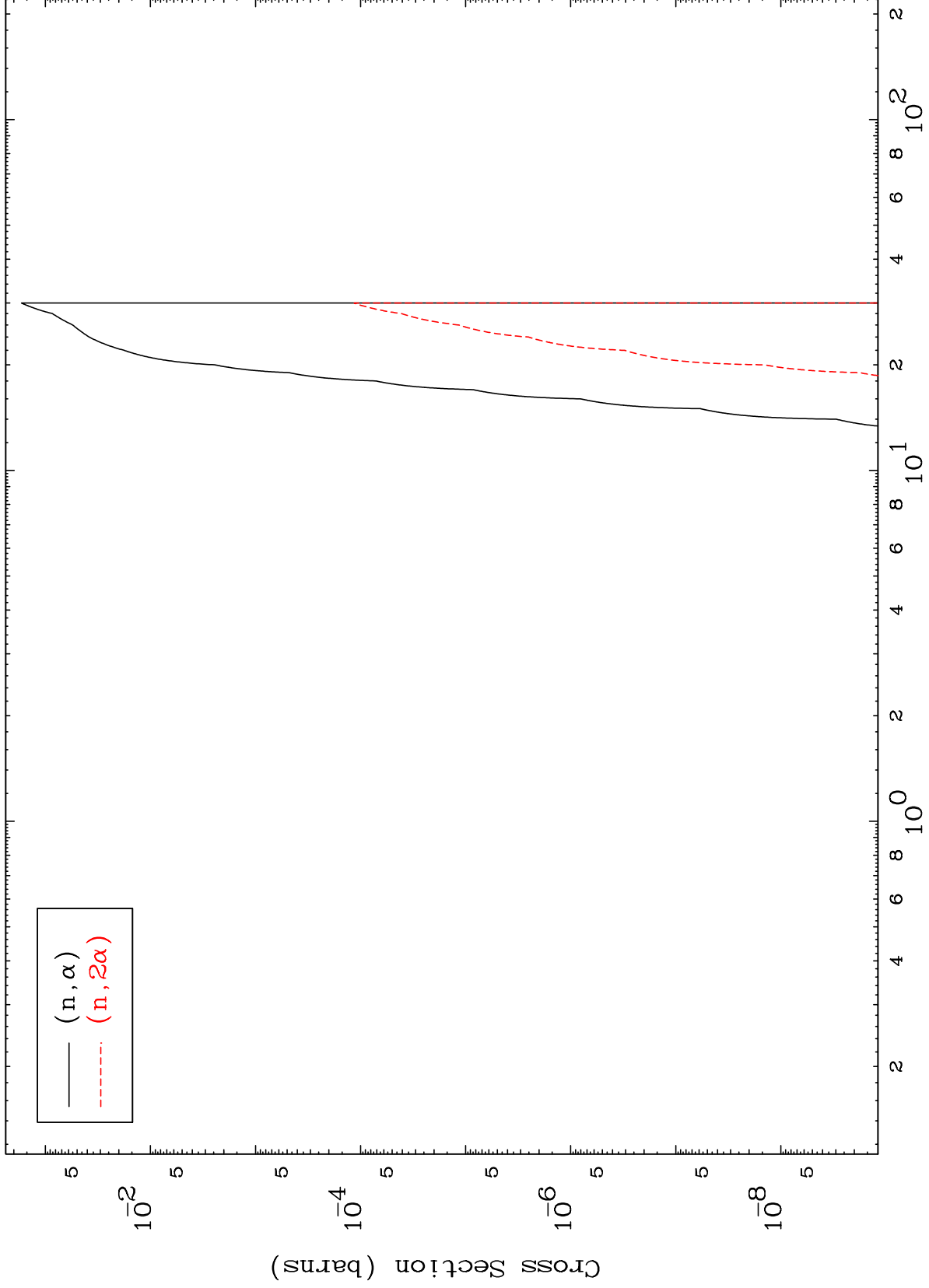
Incident Energy (MeV)

MAT 7868

( $\alpha, \alpha$ ) Levels

79-Au-178

0 Kelvin Cross Sections



10

Incident Energy (MeV)

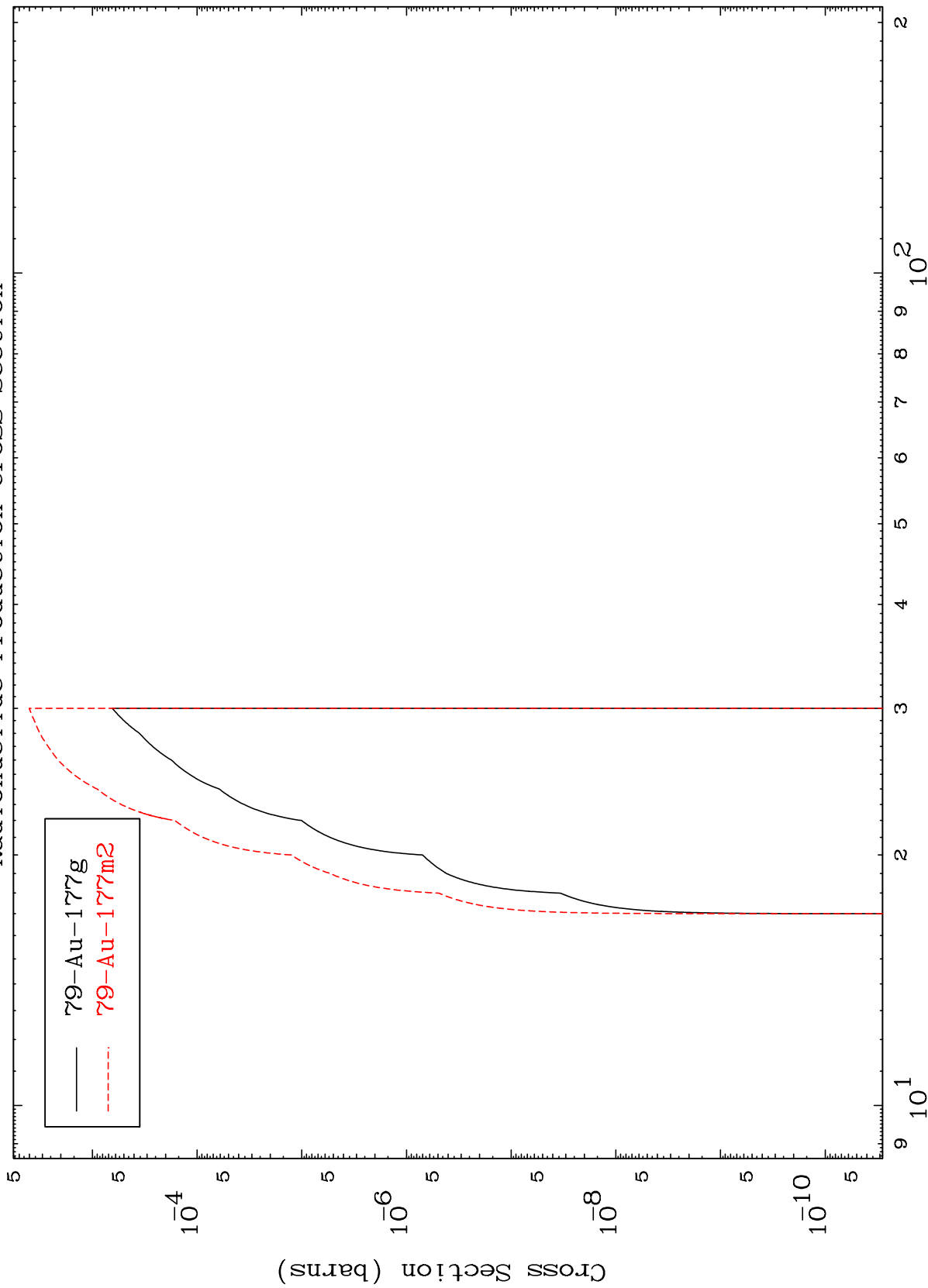
79-Au-178

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$(n, n') \alpha$

$^{79}\text{Au-178}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

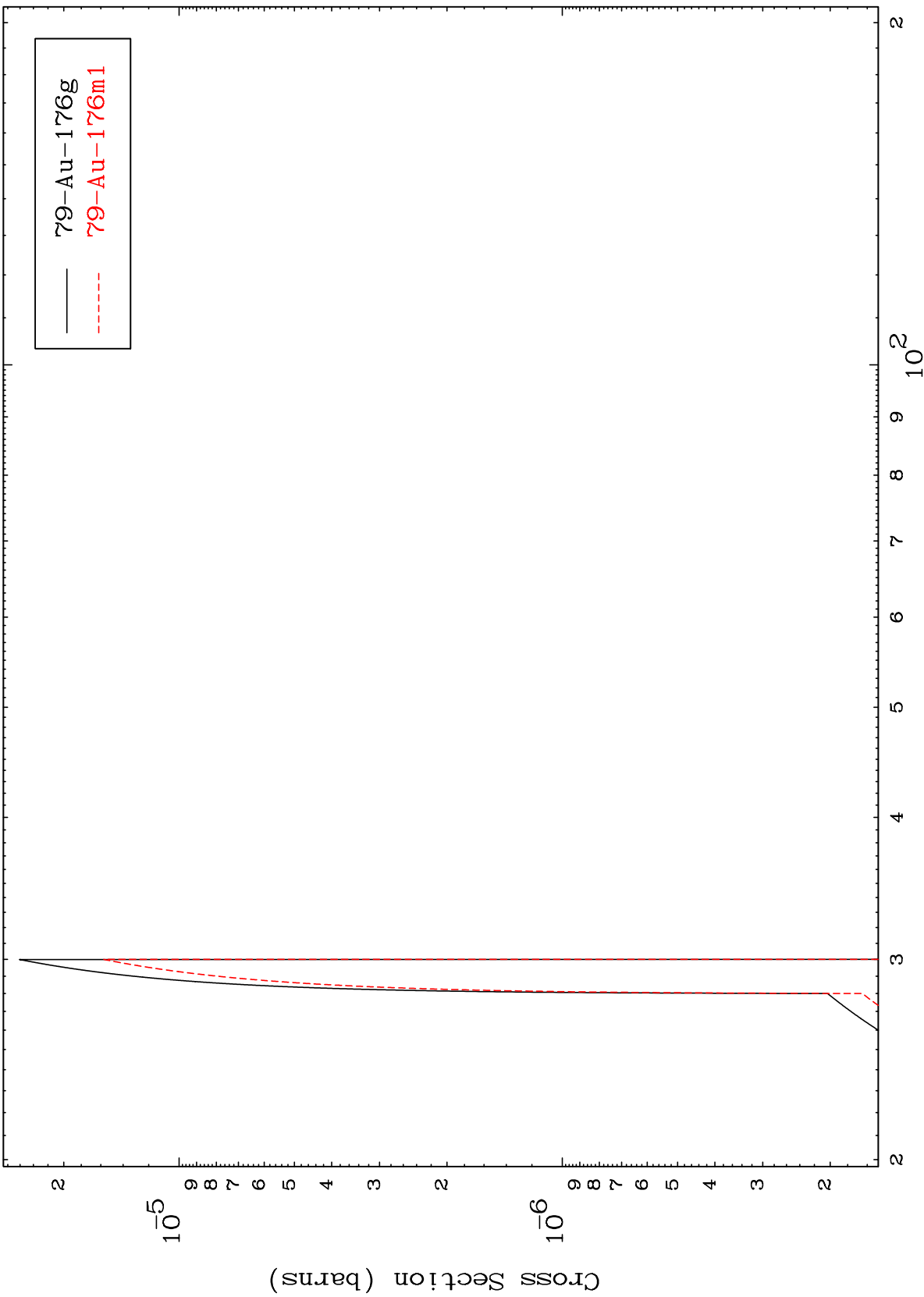
$^{79}\text{Au-178}$

MAT 7868

<sup>79</sup>Au-178

(n,2n) α

Radionuclide Production Cross Section



79-Au-176g  
79-Au-176m1

12

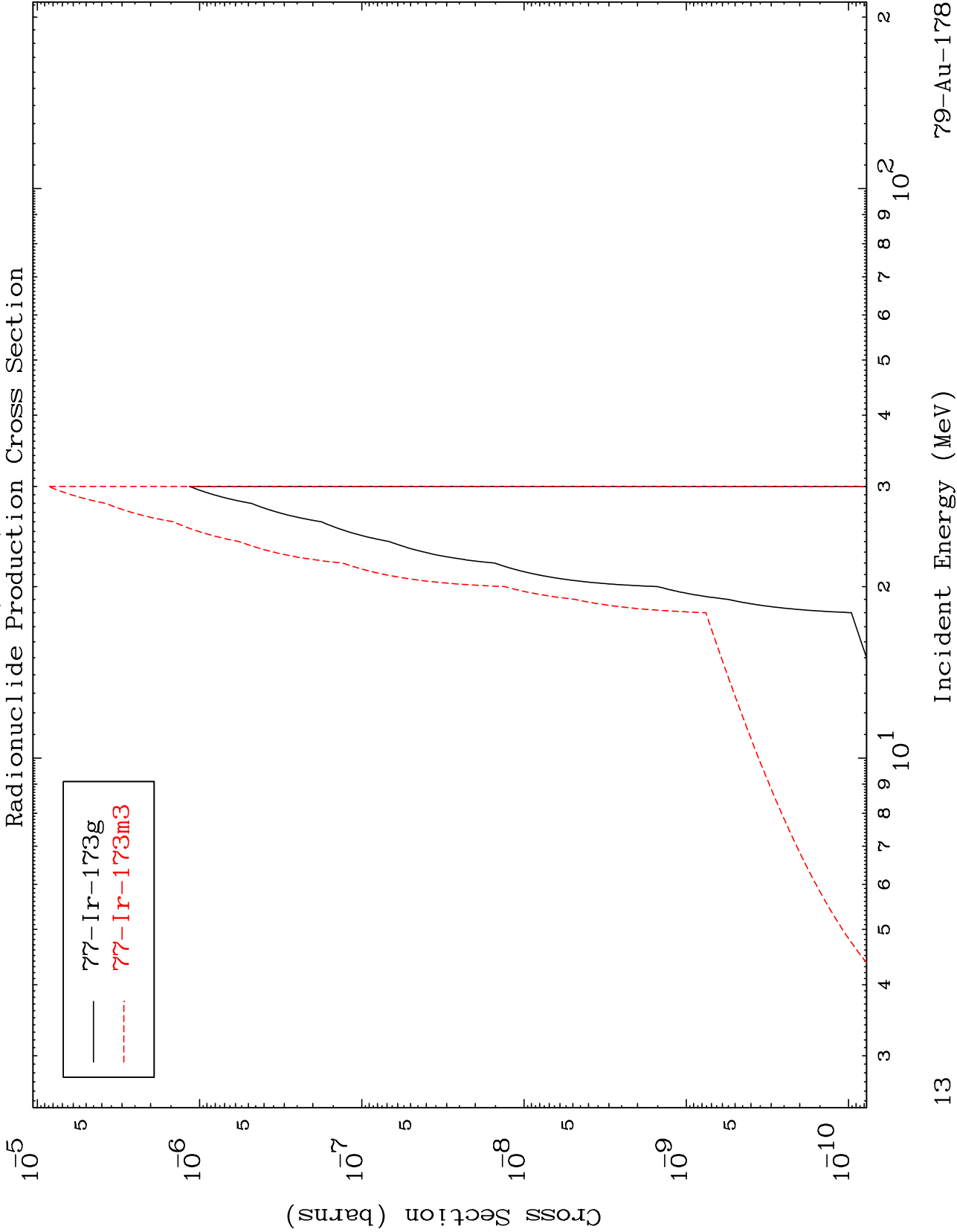
Incident Energy (MeV)

<sup>79</sup>Au-178

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$(n, n')$   $2\alpha$

$^{79}\text{Au-178}$



13

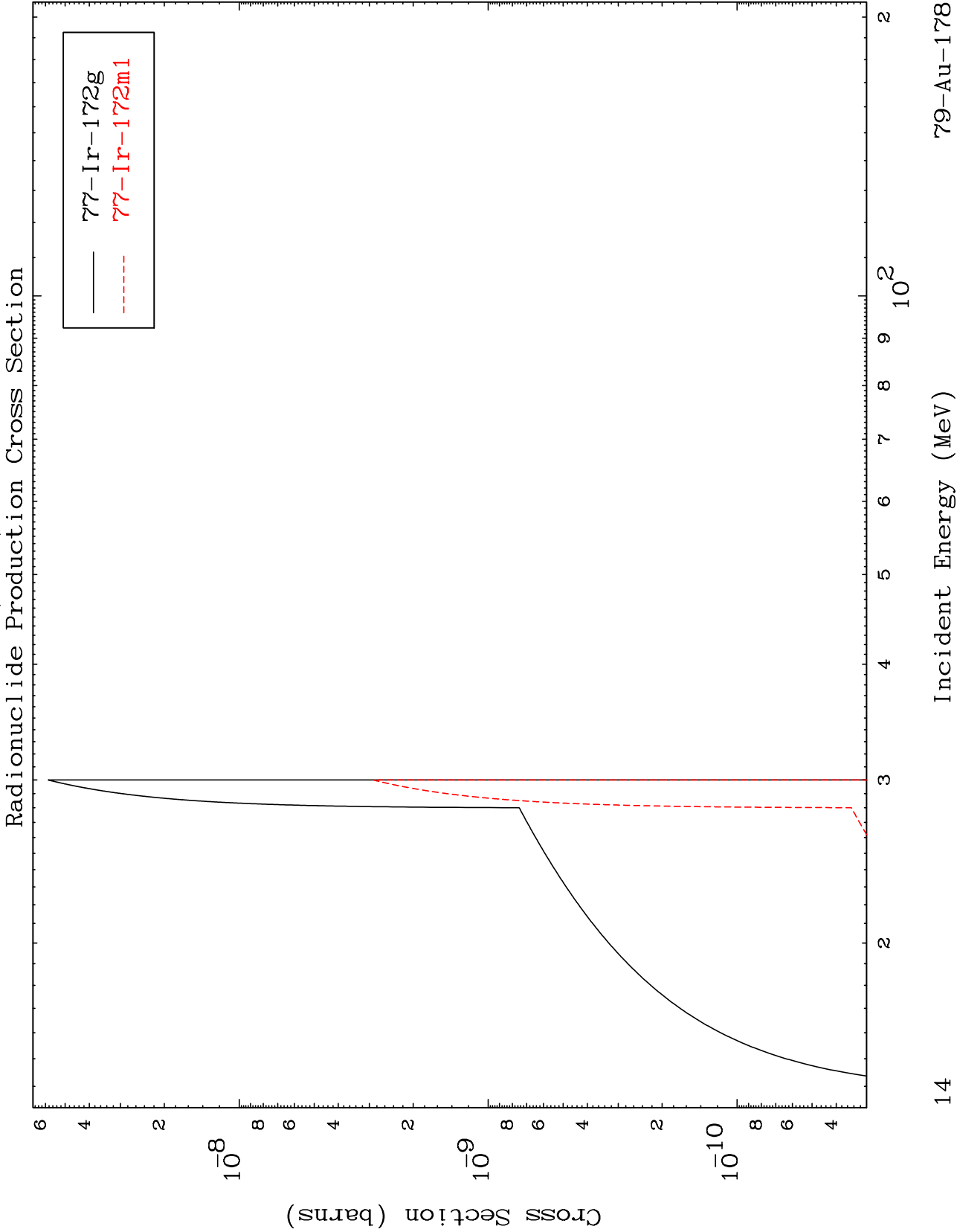
Incident Energy (MeV)

$^{79}\text{Au-178}$

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(n,2n) 2α

79-Au-178



14

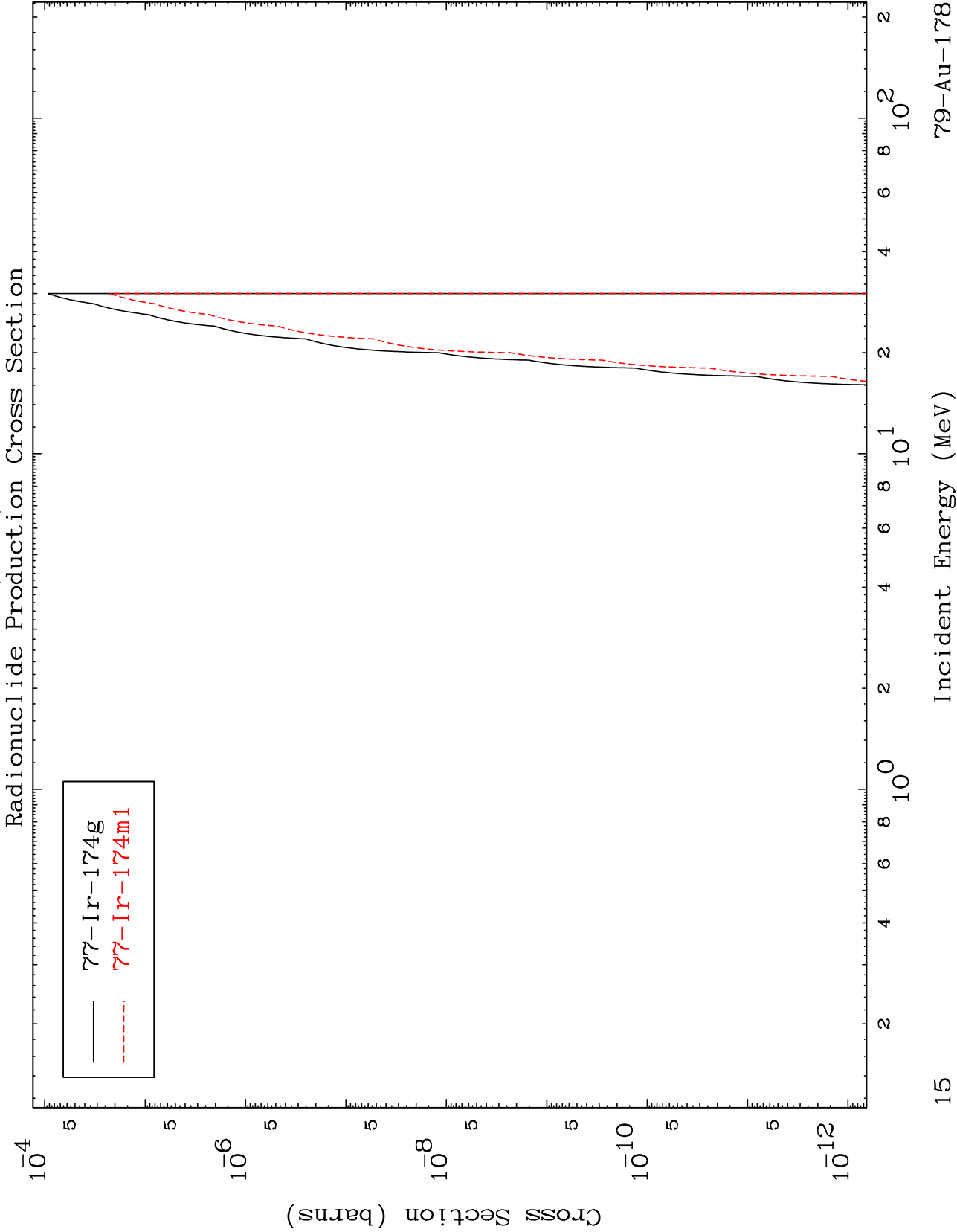
Incident Energy (MeV)

79-Au-178

MAT 7868

(n,2α)

79-Au-178



15

79-Au-178