

Program EVALPLOT
(Version 2021-1)

by

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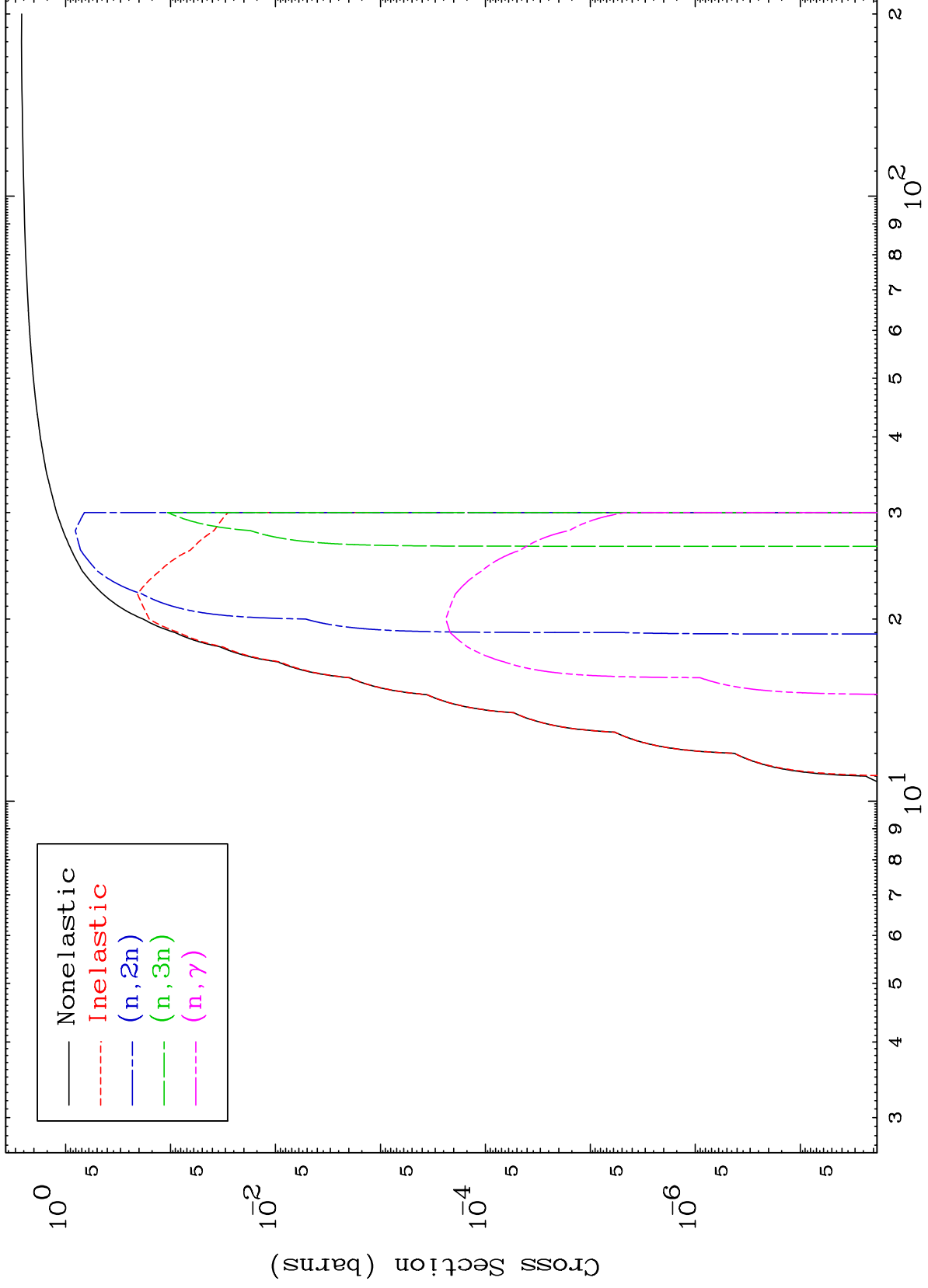
Press Mouse Button to Start

MAT 7319

0 Kelvin Cross Sections

α Major

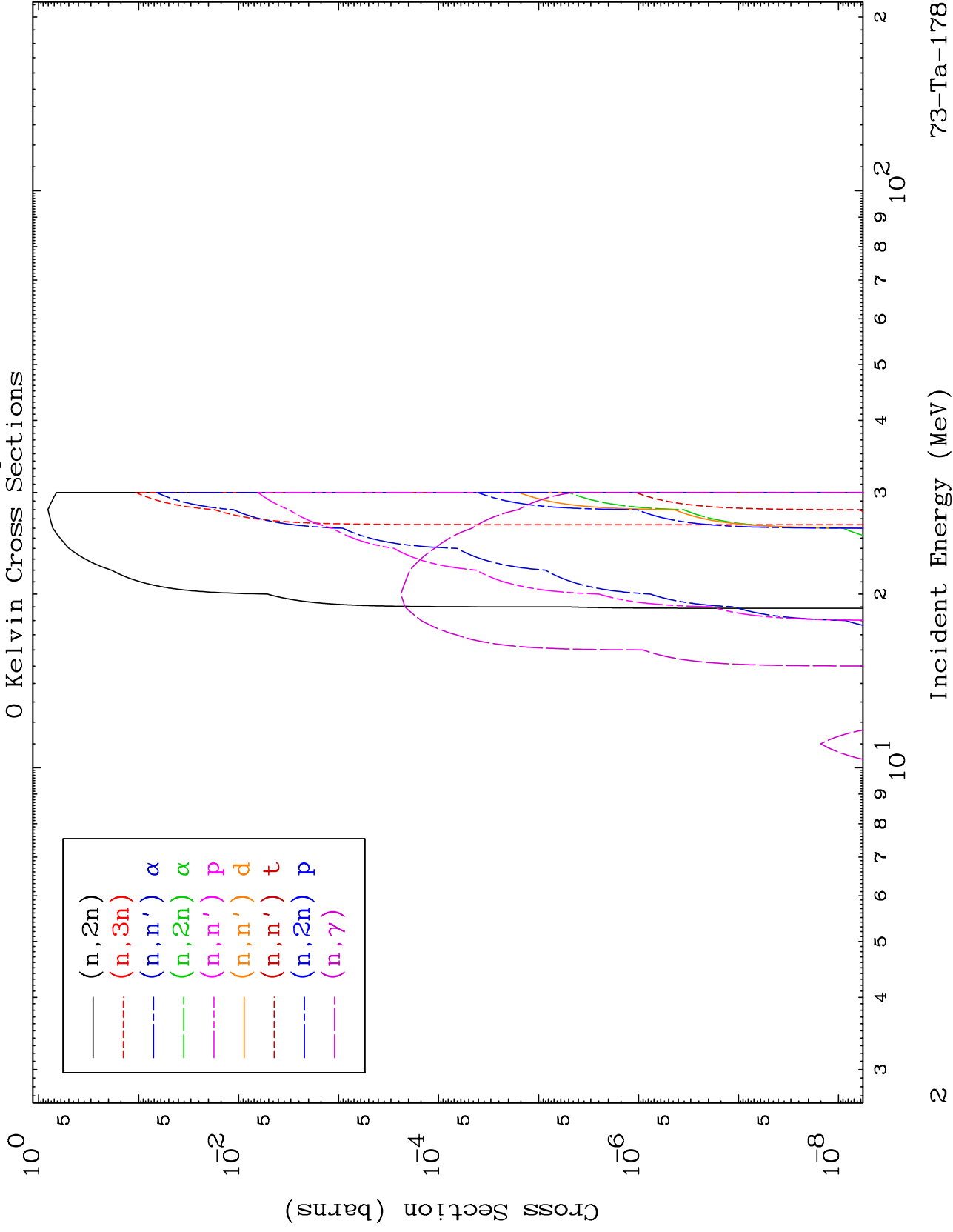
73-Ta-178



MAT 7319

α Neutron Absorption
0 Kelvin Cross Sections

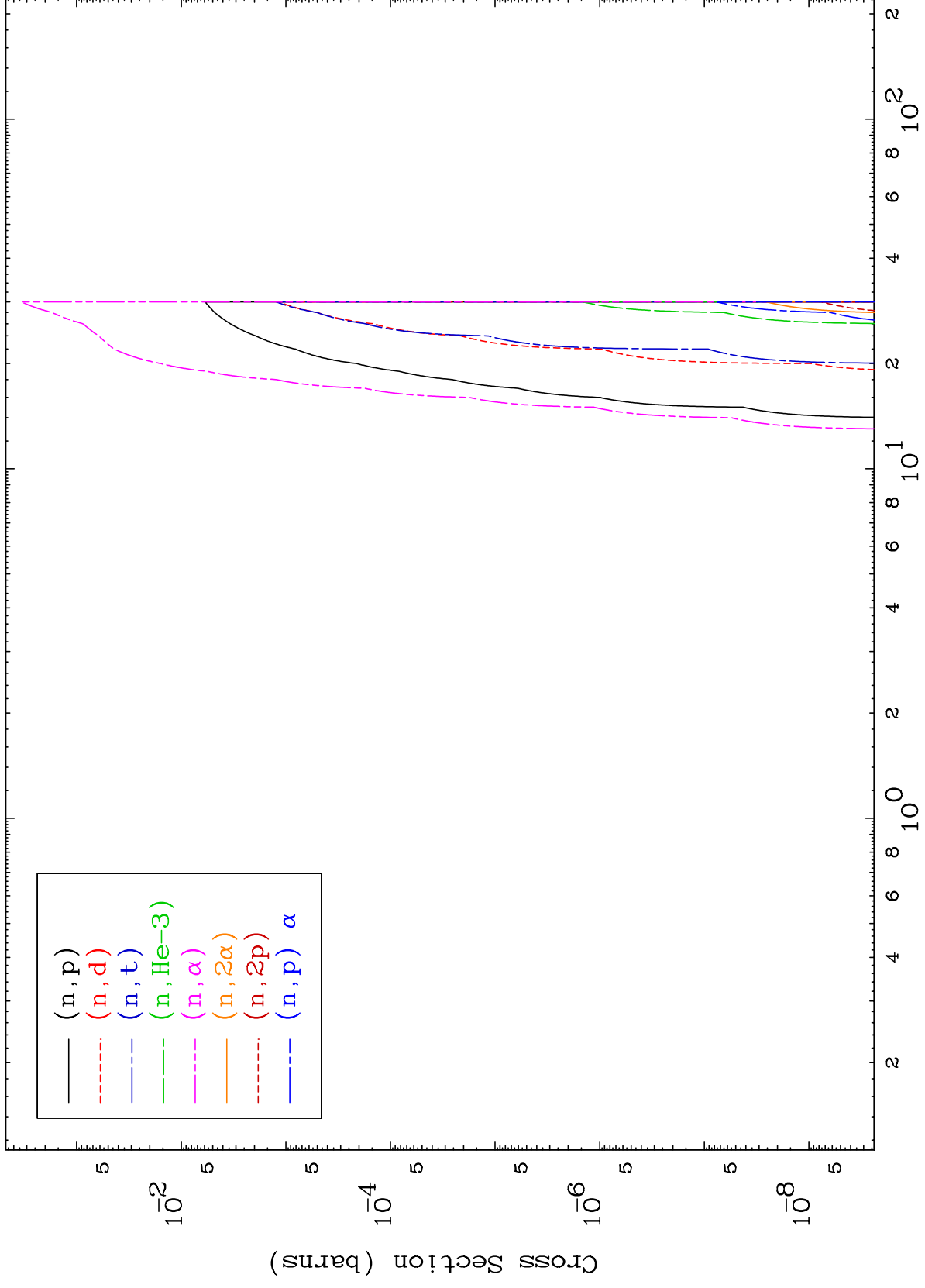
73-Ta-178



MAT 7319

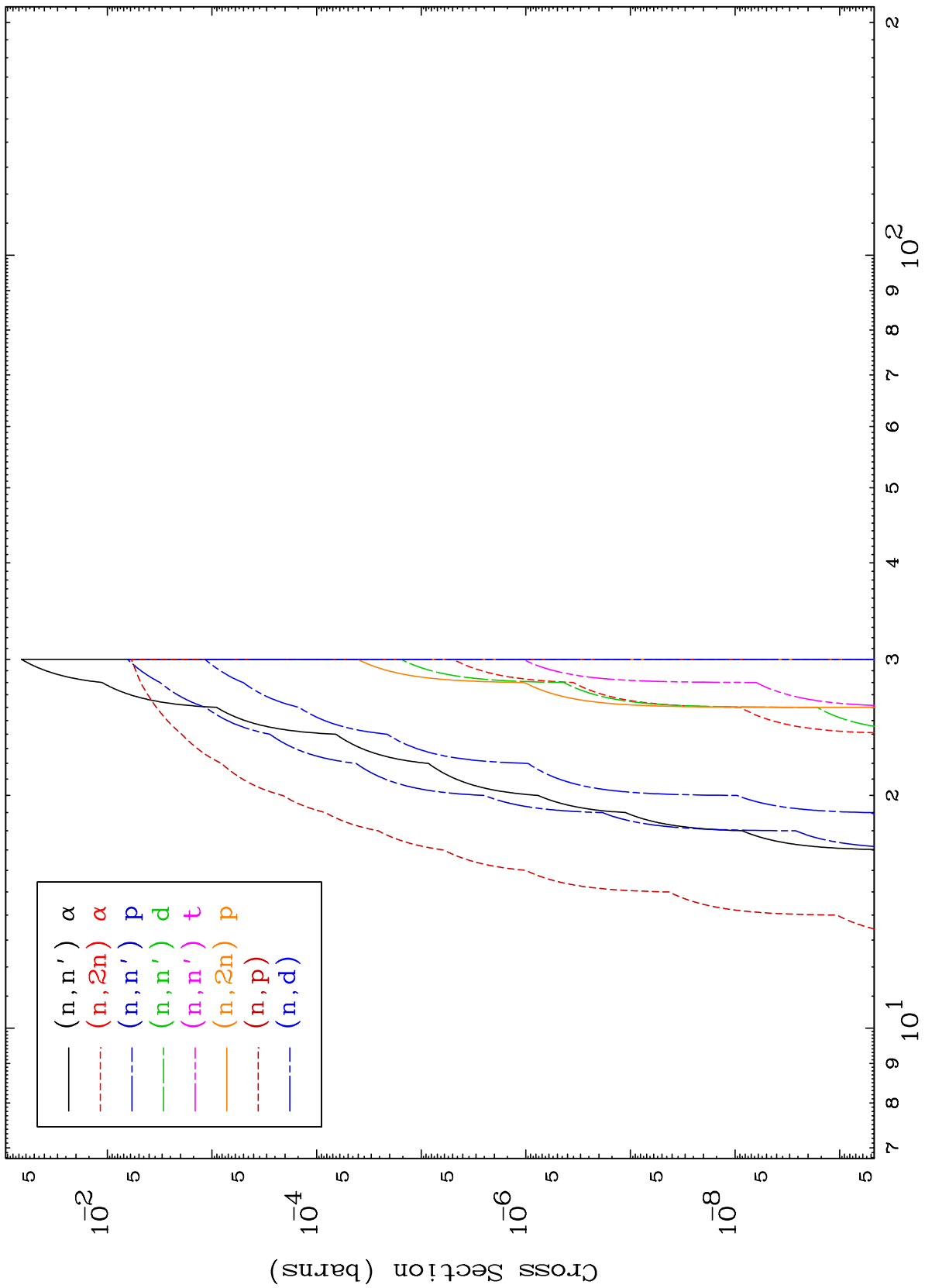
α Neutron Absorption
0 Kelvin Cross Sections

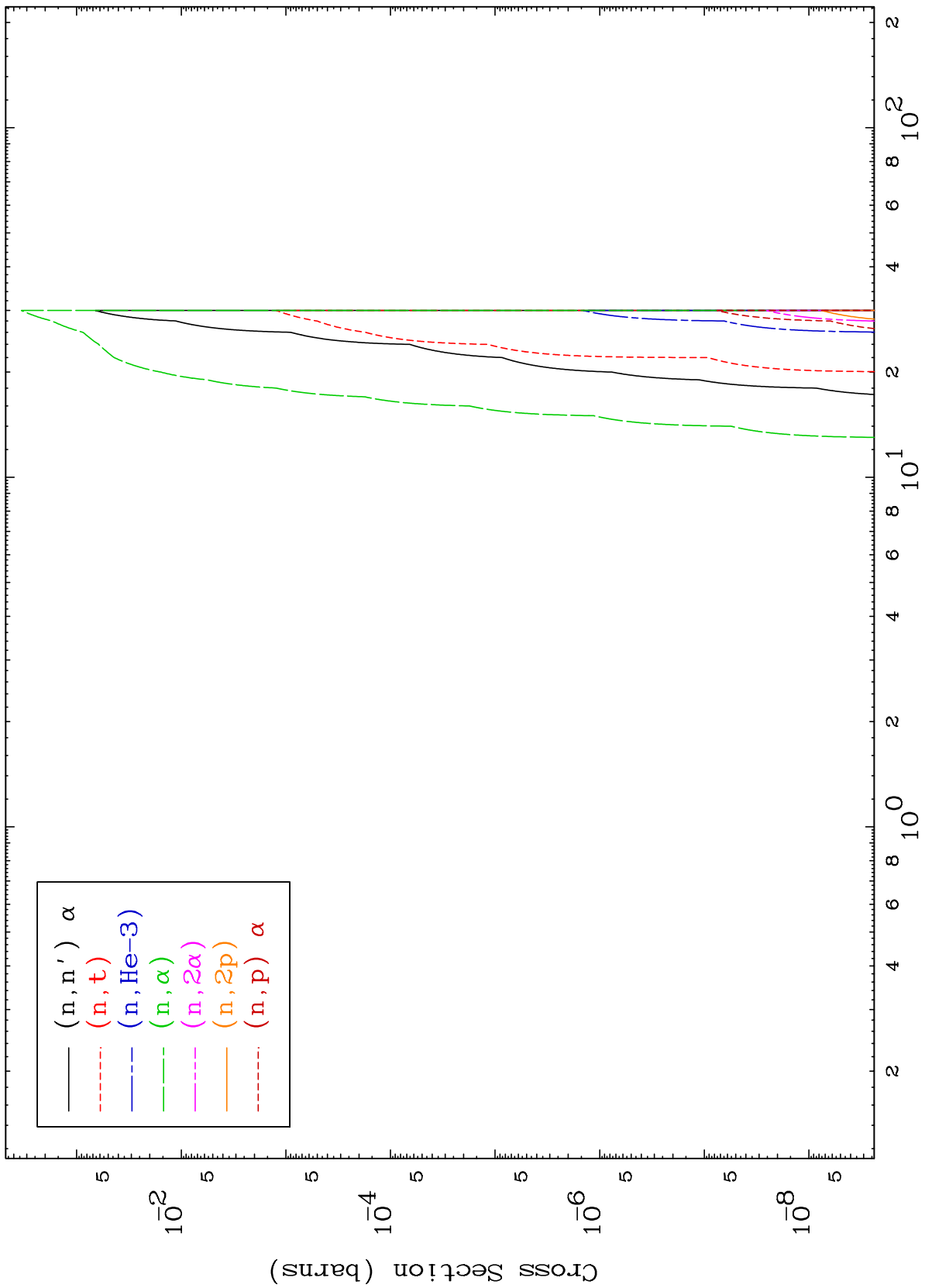
⁷³Ta-178



⁷³Ta-178

Incident Energy (MeV)

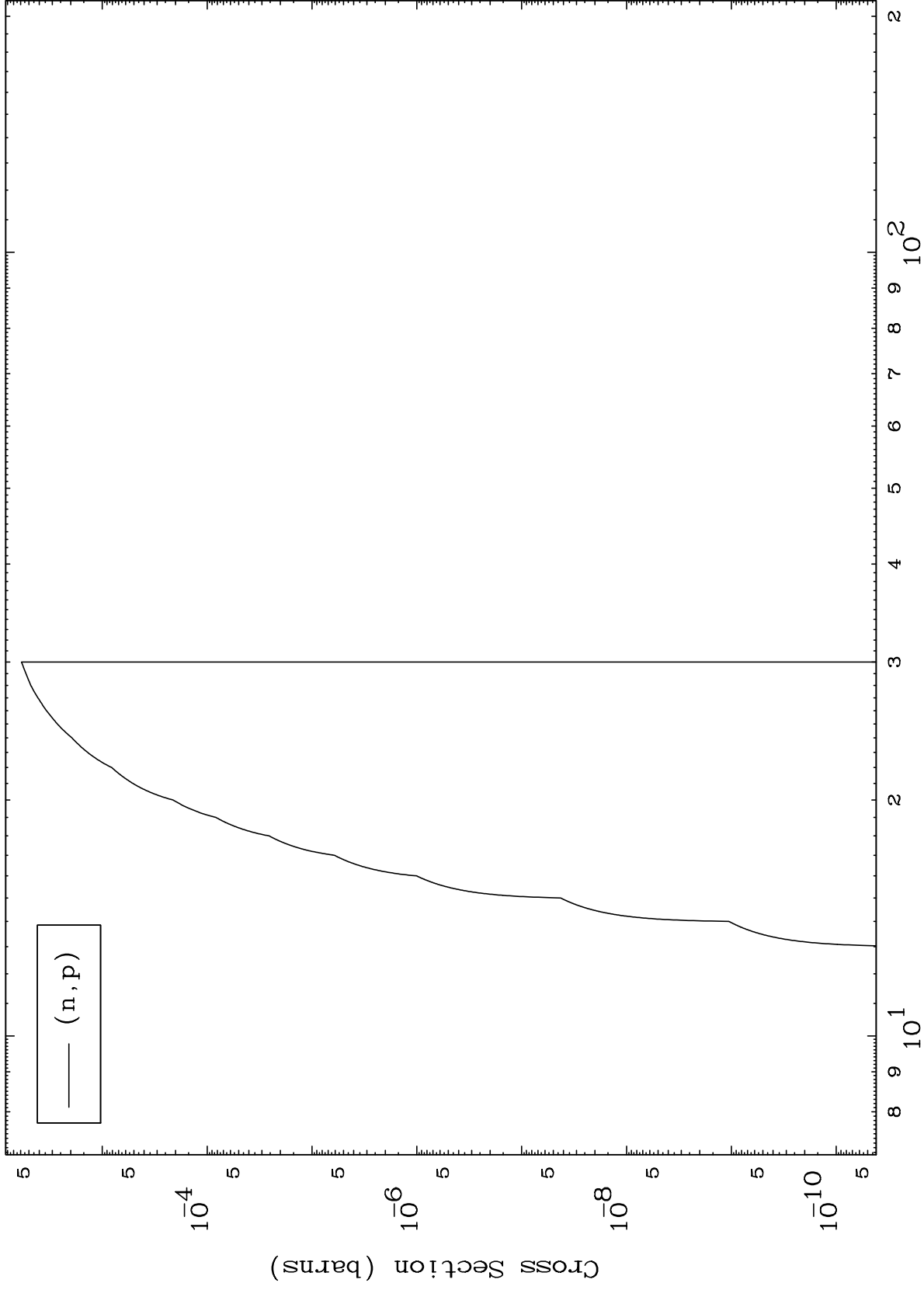




MAT 7319

(α, p) Levels
0 Kelvin Cross Sections

73-Ta-178



6

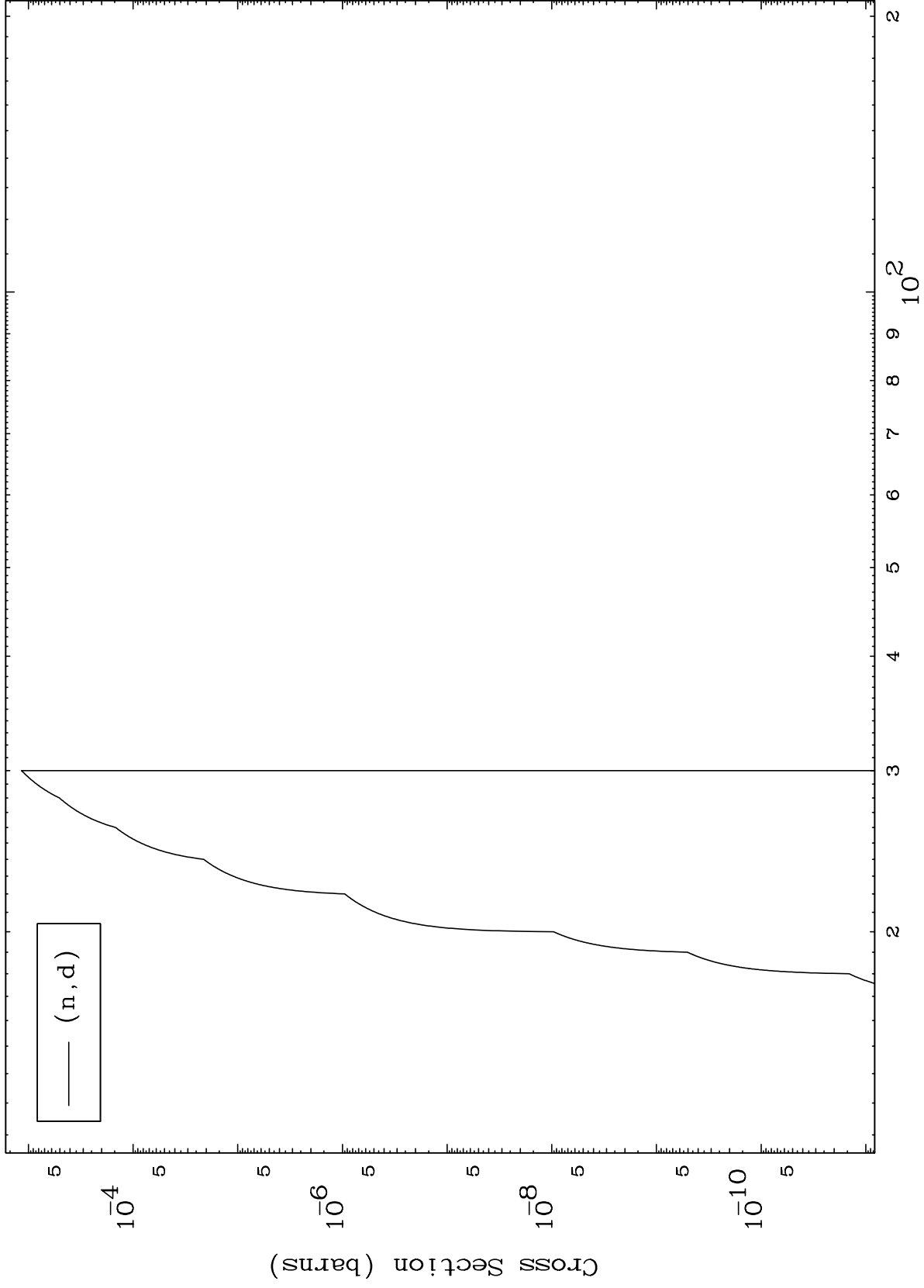
Incident Energy (MeV)

73-Ta-178

MAT 7319

(α, d) Levels
0 Kelvin Cross Sections

73-Ta-178



7

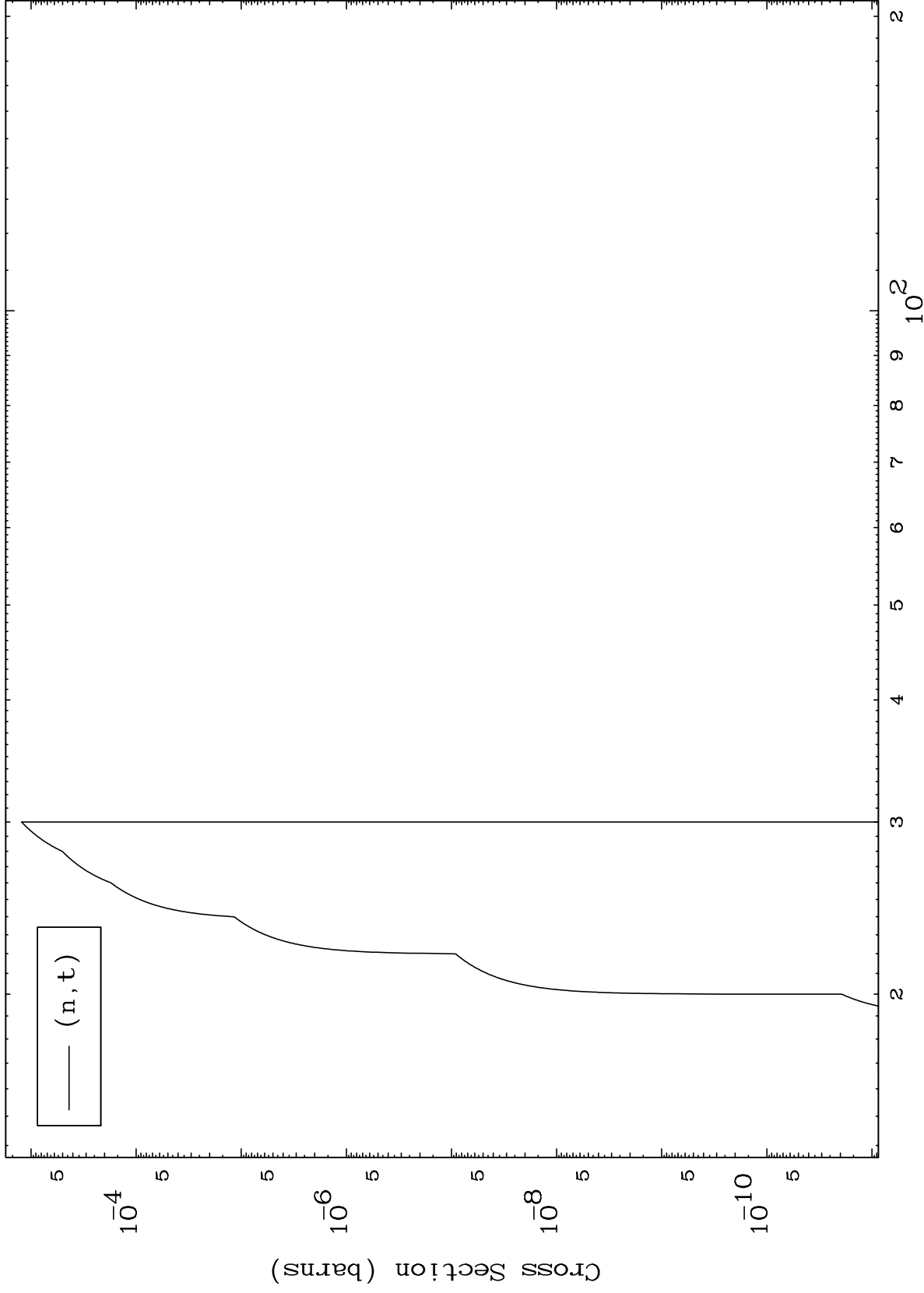
Incident Energy (MeV)

73-Ta-178

MAT 7319

(α, t) Levels
0 Kelvin Cross Sections

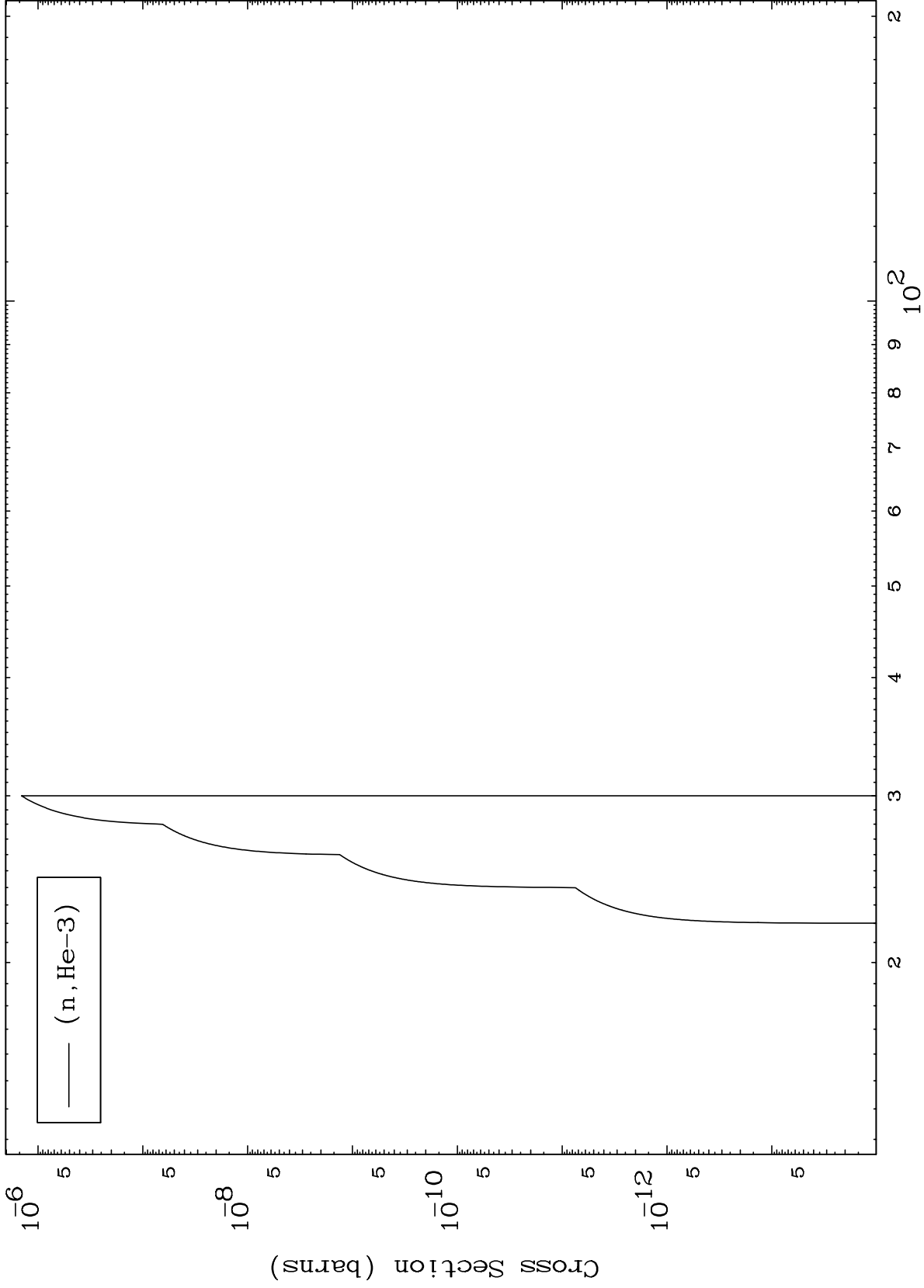
73-Ta-178



MAT 7319

(α , He3) Levels
0 Kelvin Cross Sections

73-Ta-178



9

Incident Energy (MeV)

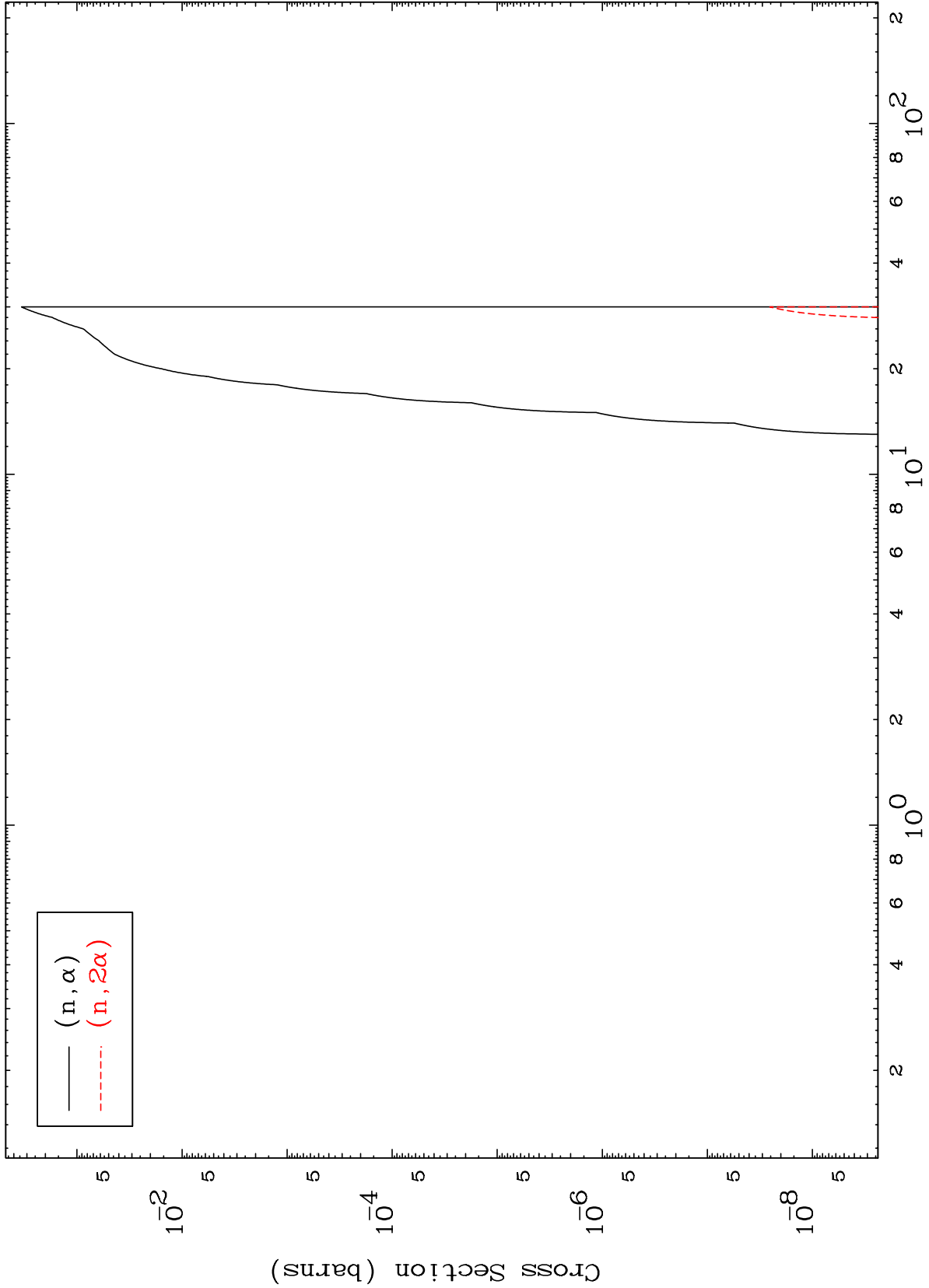
73-Ta-178

MAT 7319

(α, α) Levels

$^{73}\text{Ta-178}$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

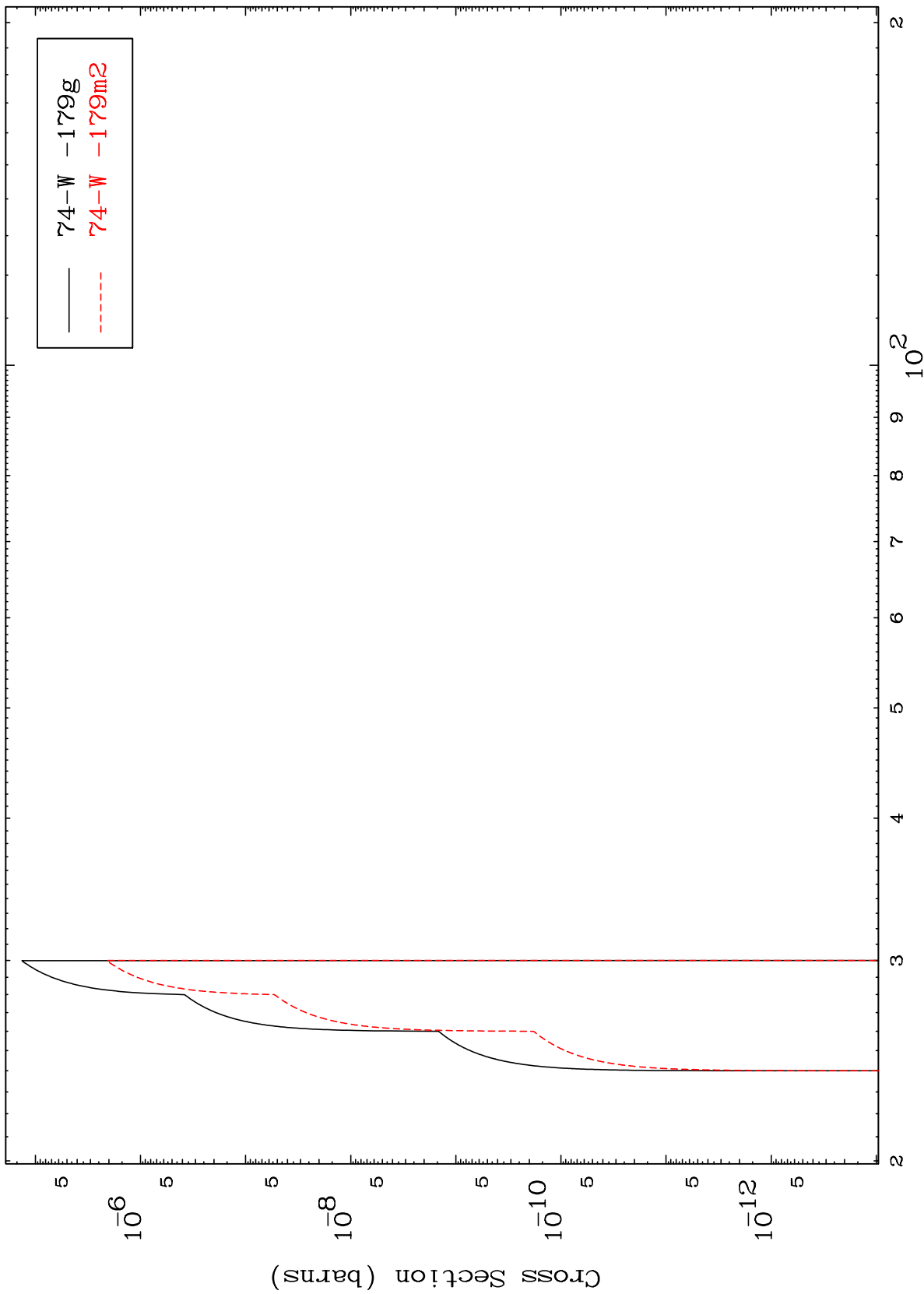
$^{73}\text{Ta-178}$

MAT 7319

(n,n') d

73-Ta-178

Radionuclide Production Cross Section



11

Incident Energy (MeV)

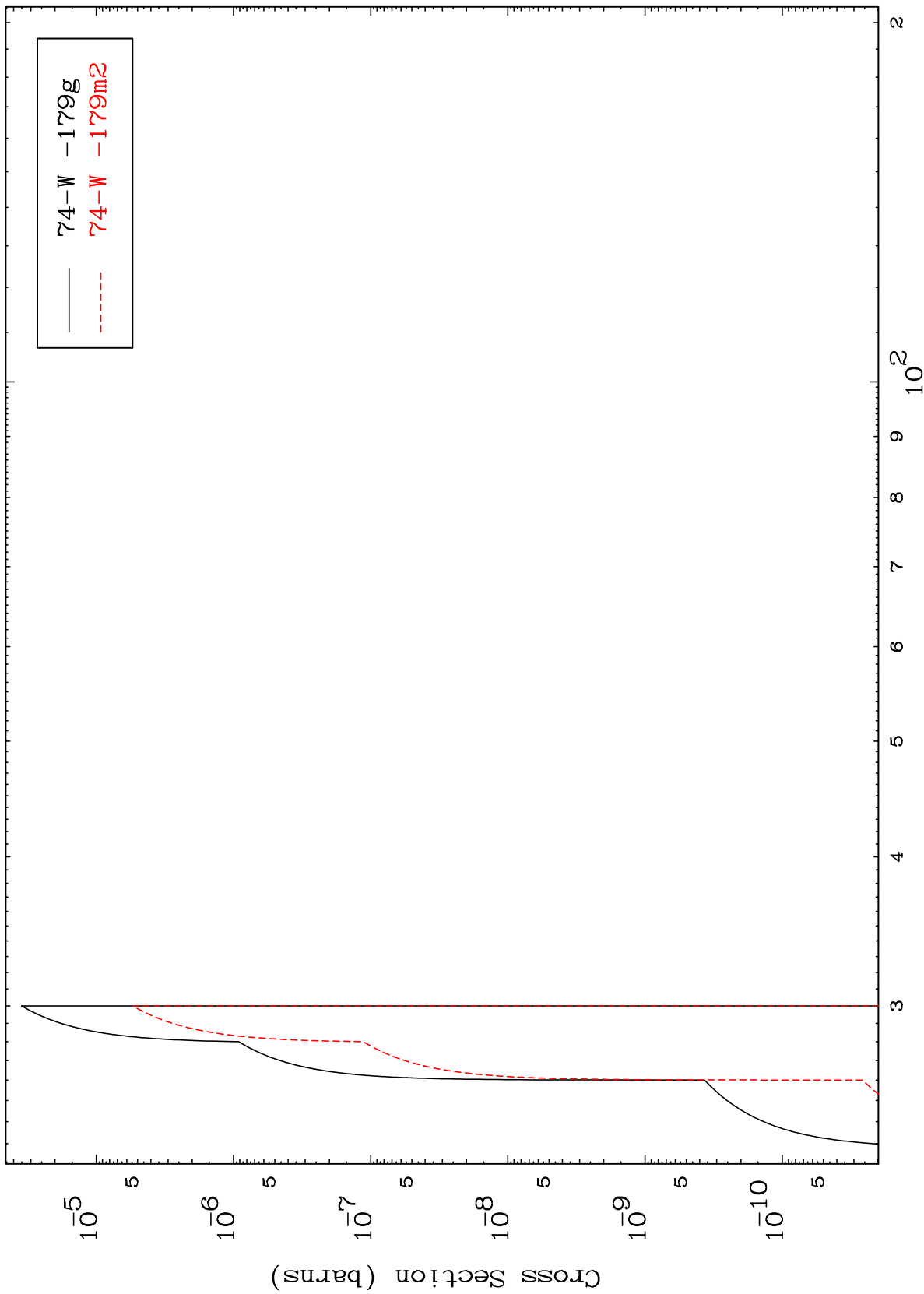
73-Ta-178

MAT 7319

(n,2n) p

⁷³Ta-178

Radionuclide Production Cross Section



12

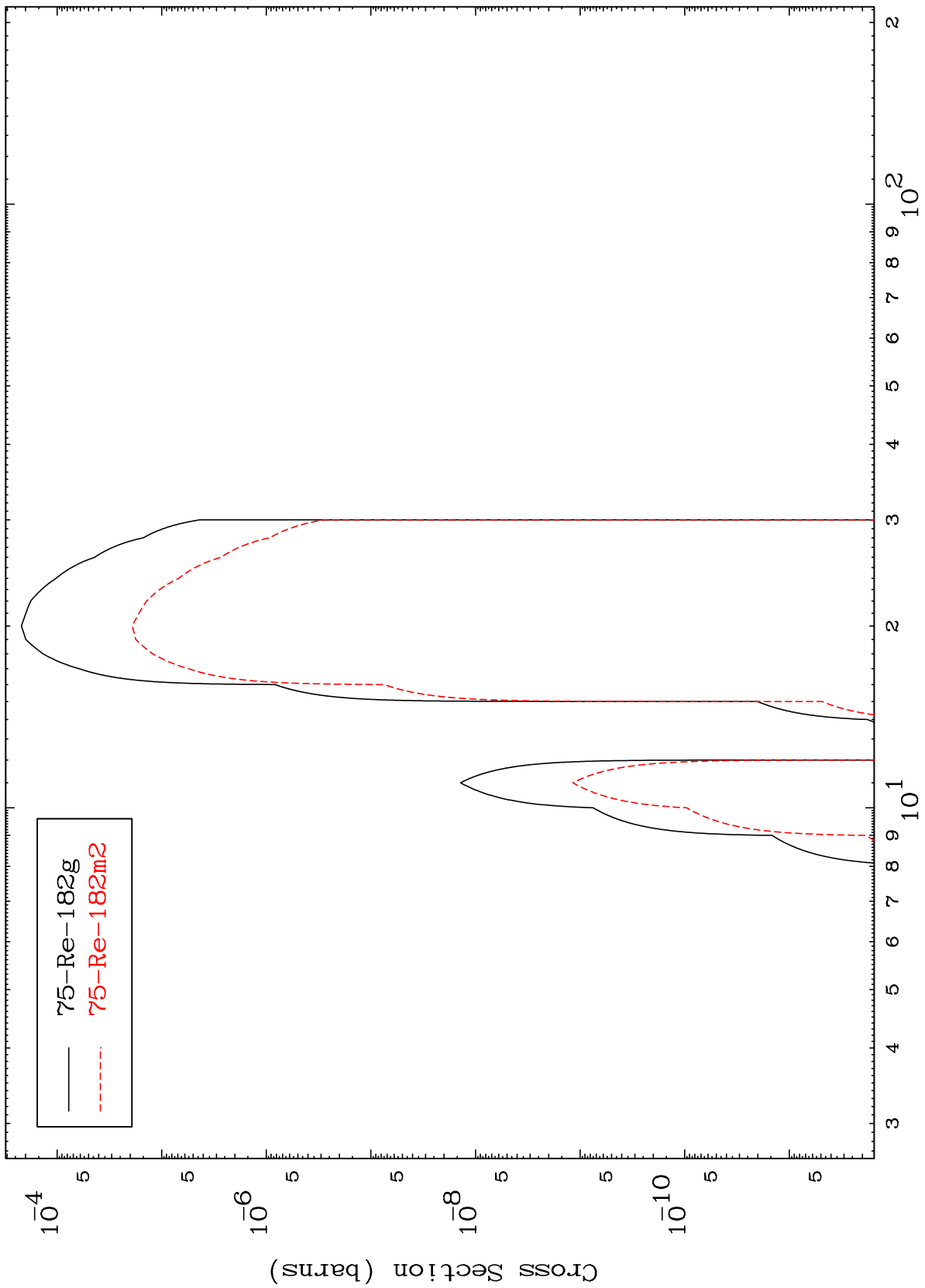
Incident Energy (MeV)

⁷³Ta-178

MAT 7319

73-Ta-178

(n,γ)
Radionuclide Production Cross Section



73-Ta-178

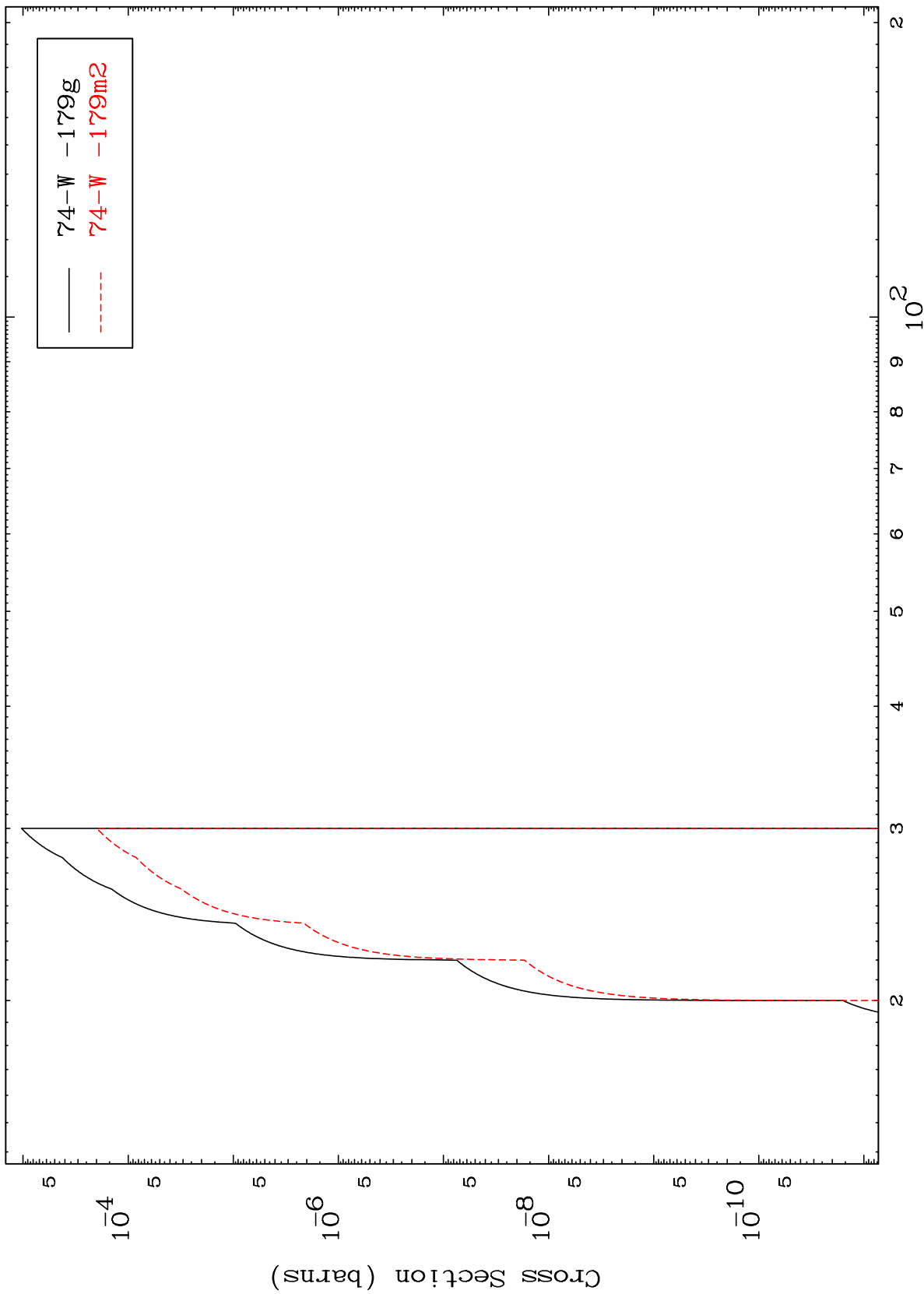
Incident Energy (MeV)

13

MAT 7319

⁷³Ta-178

(n, t)
Radionuclide Production Cross Section



74-W - 179g
74-W - 179m2

14

⁷³Ta-178

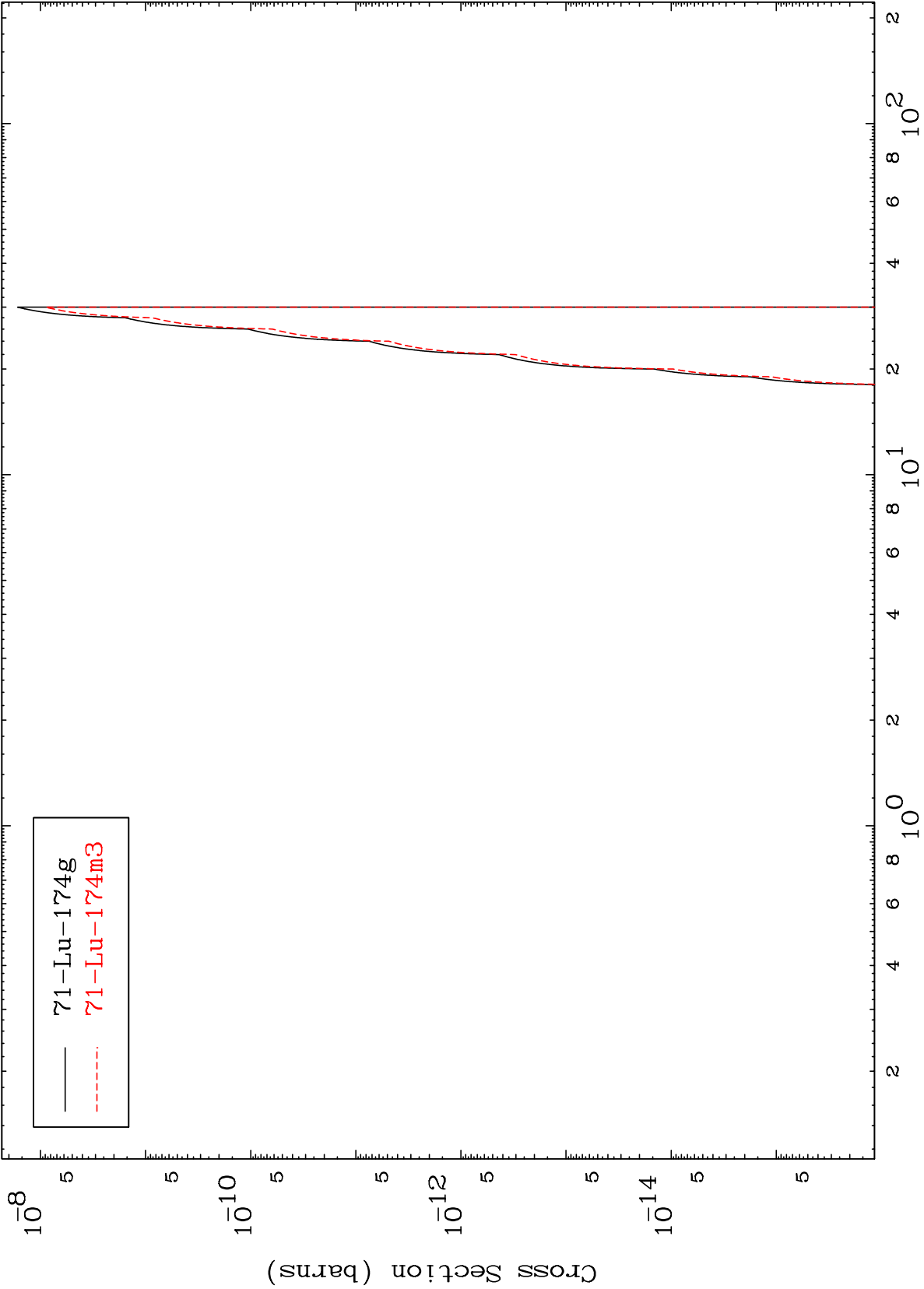
Incident Energy (MeV)

MAT 7319

(n,2α)

73-Ta-178

Radionuclide Production Cross Section



15

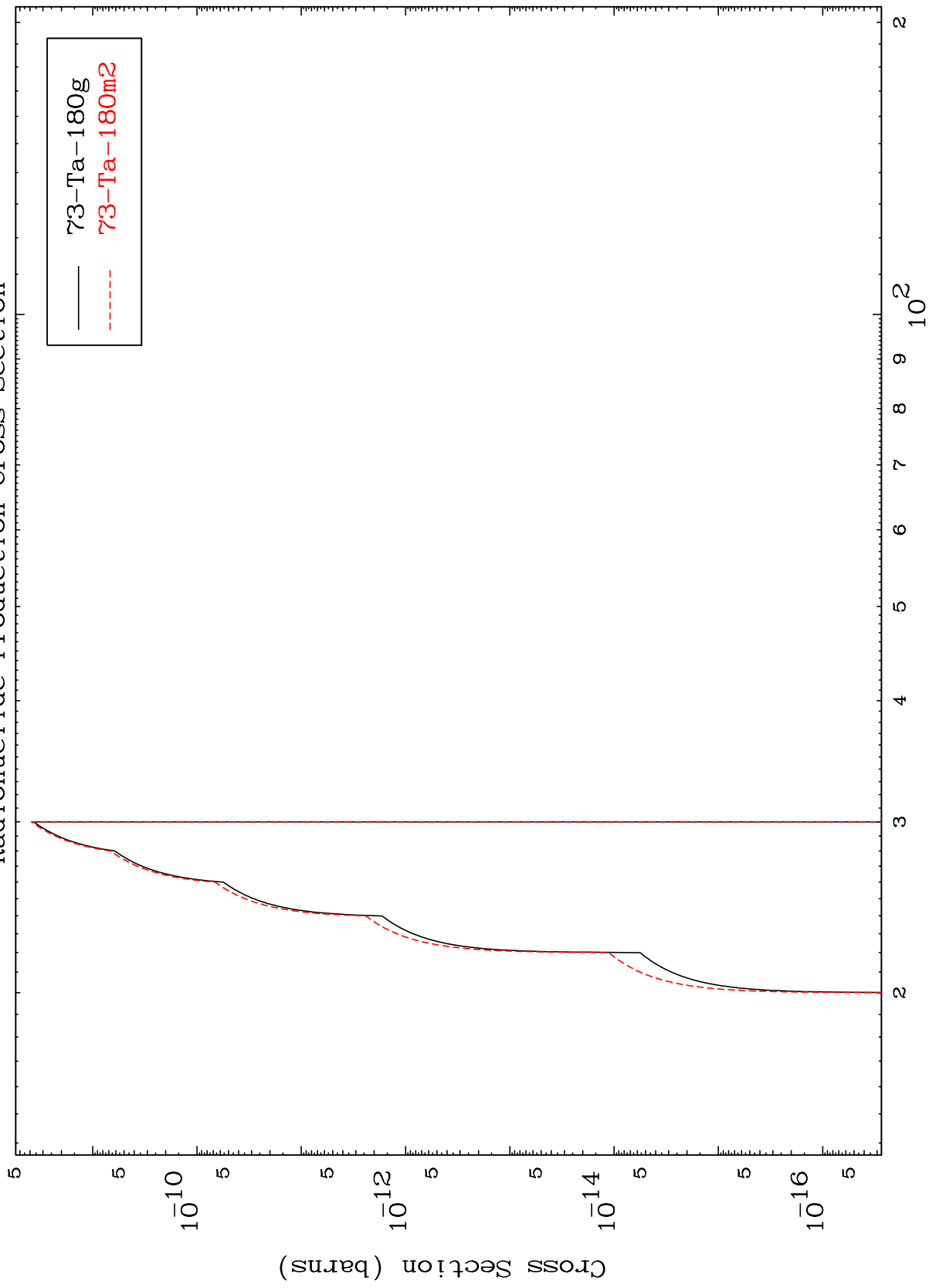
Incident Energy (MeV)

73-Ta-178

MAT 7319

73-Ta-178

(n,2p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

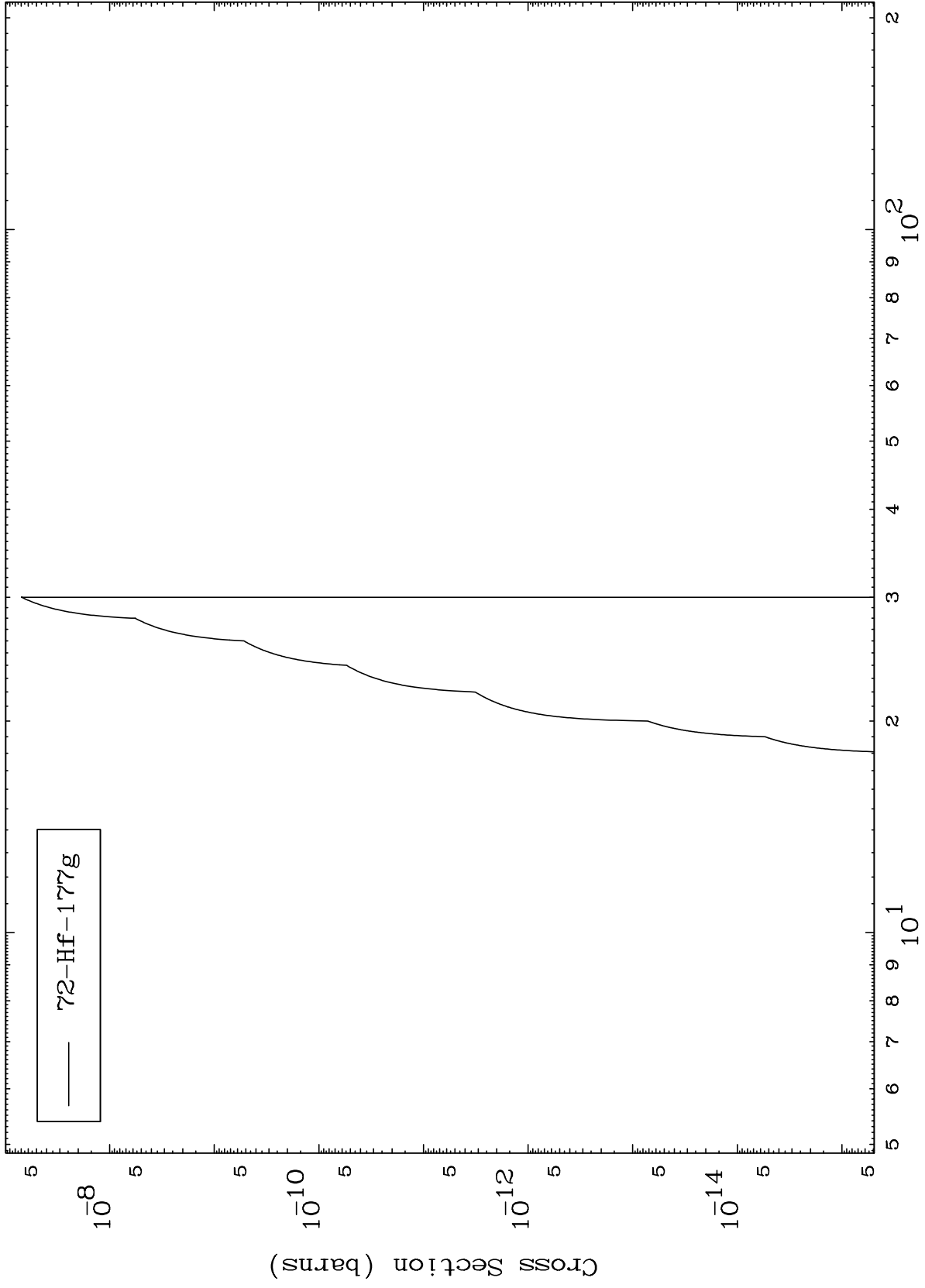
73-Ta-178

MAT 7319

$(n,p) \alpha$

$^{73}\text{Ta-178}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

$^{73}\text{Ta-178}$