

Program EVALPLOT
(Version 2021-1)

by

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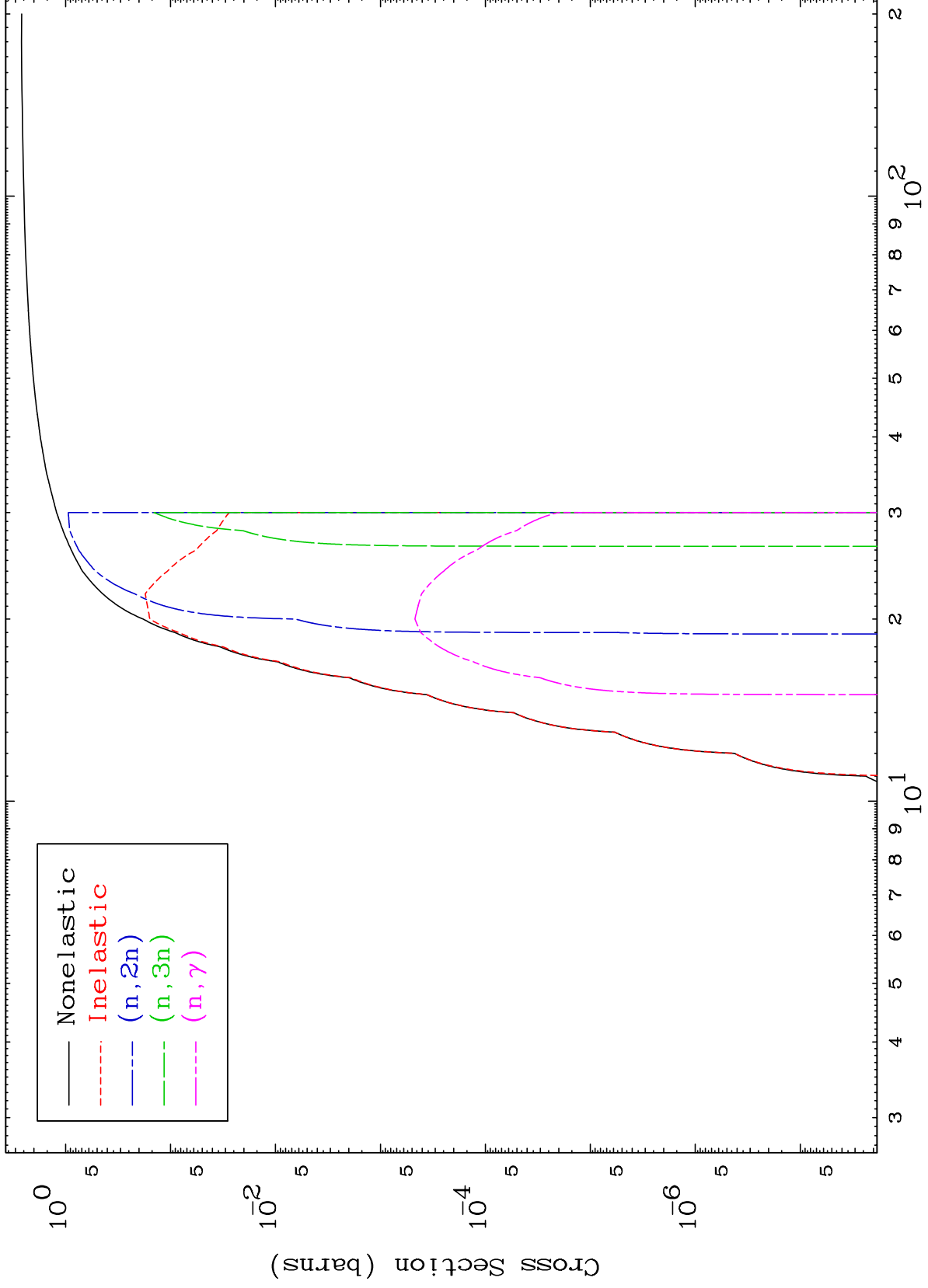
Press Mouse Button to Start

MAT 7319

0 Kelvin

α Major Cross Sections

⁷³Ta-178

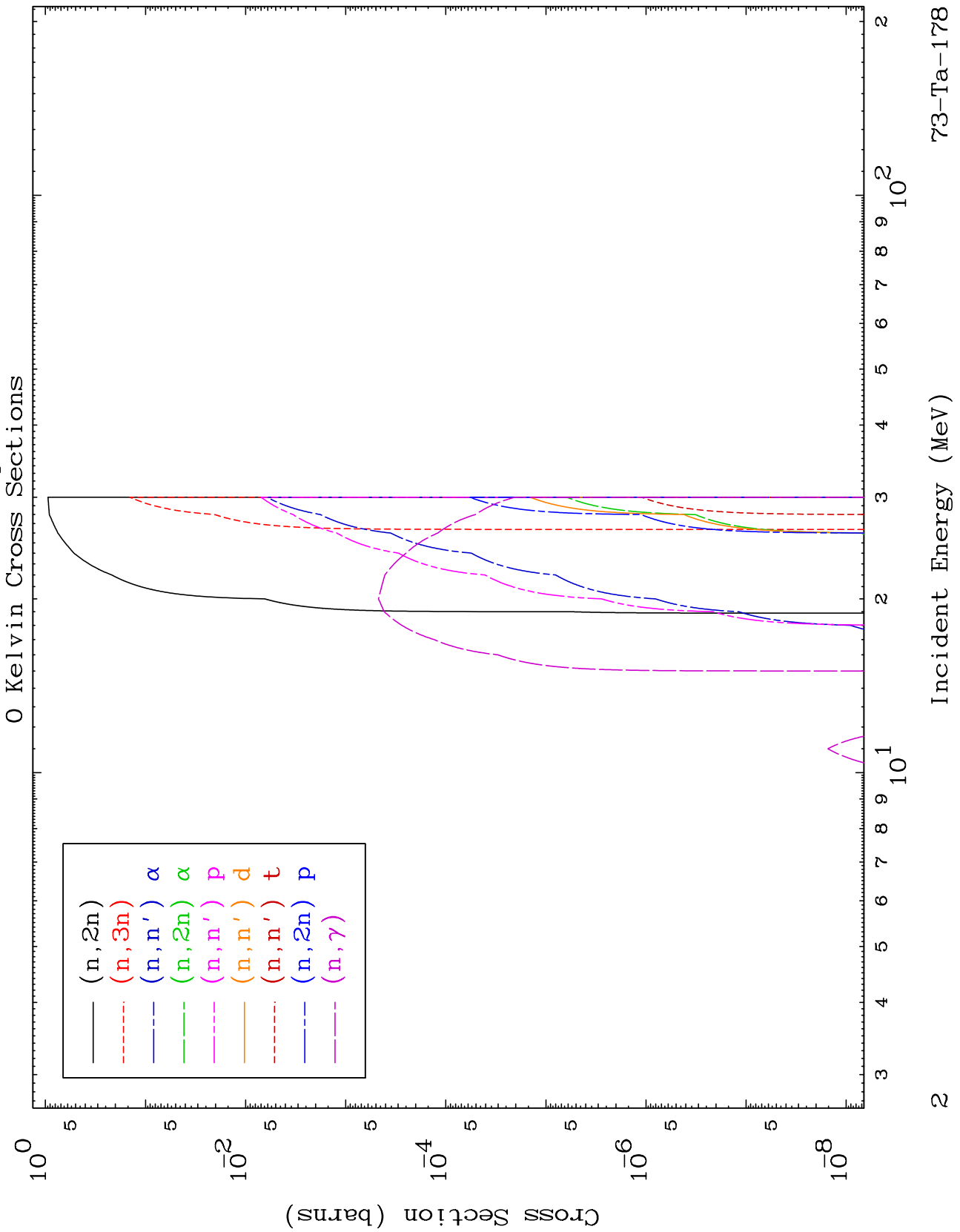


Legend:
— Nonelastic
- - - Inelastic
- - - (n,2n)
- - - (n,3n)
- - - (n,γ)

MAT 7319

α Neutron Absorption

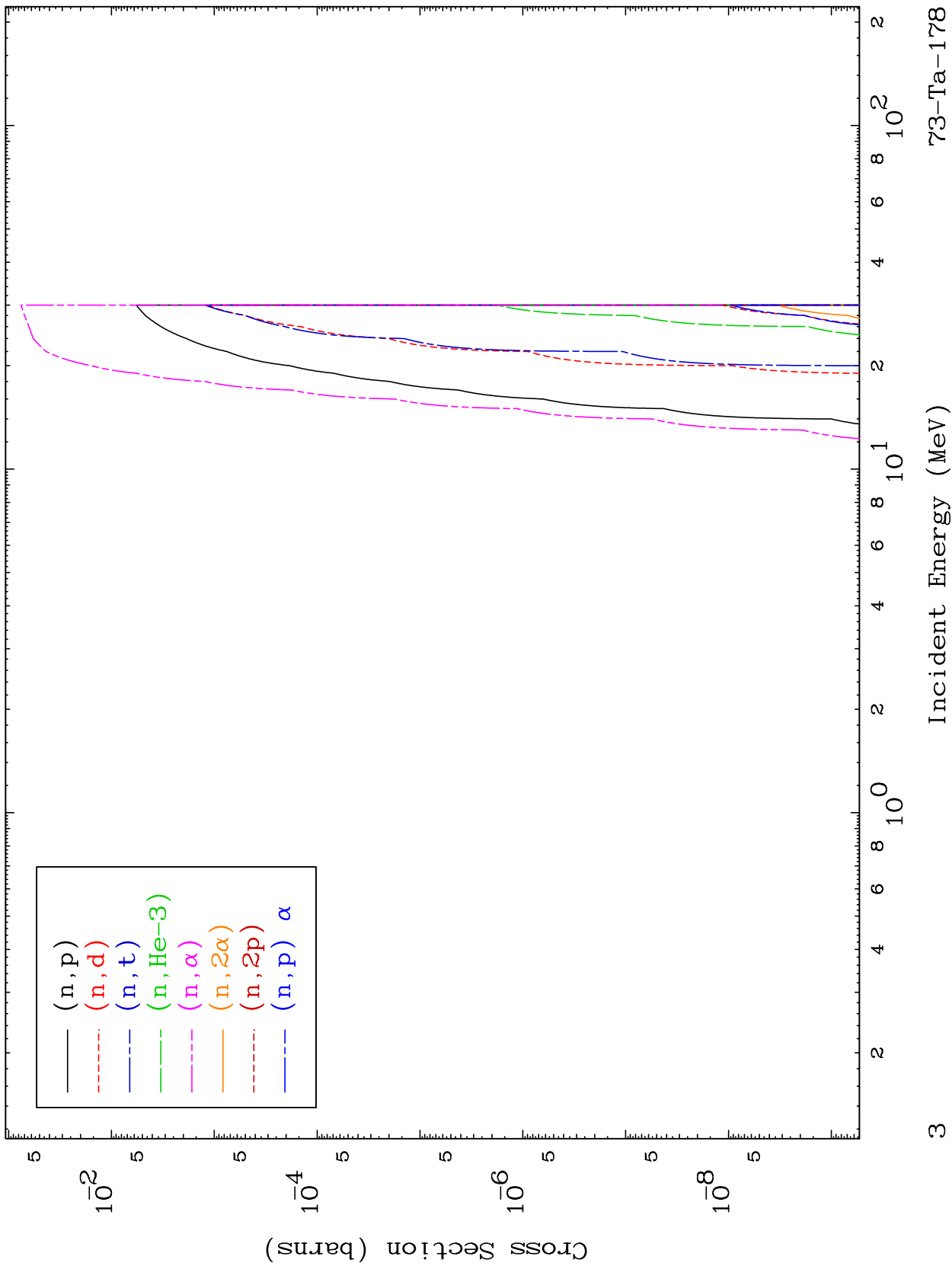
73-Ta-178

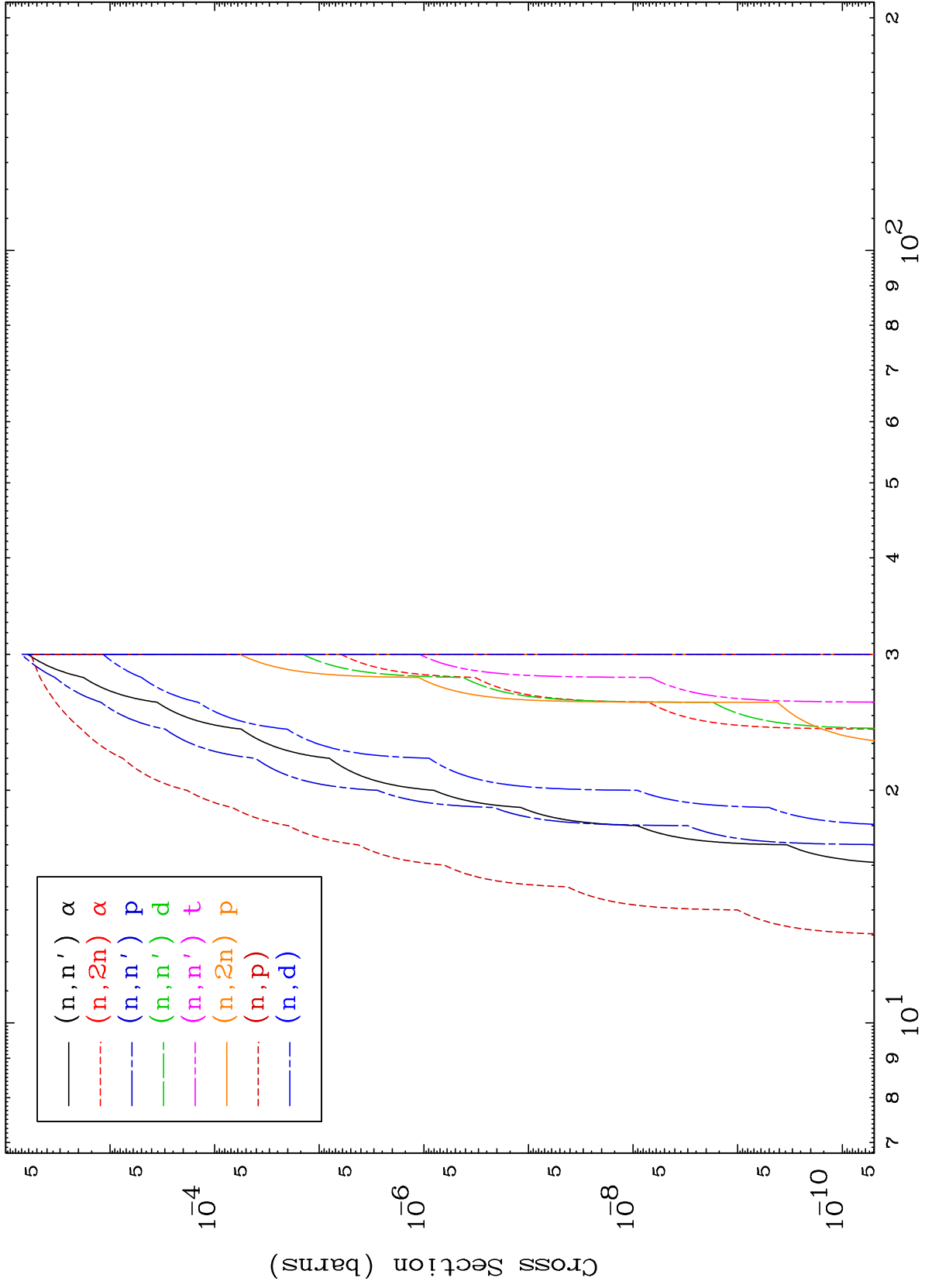


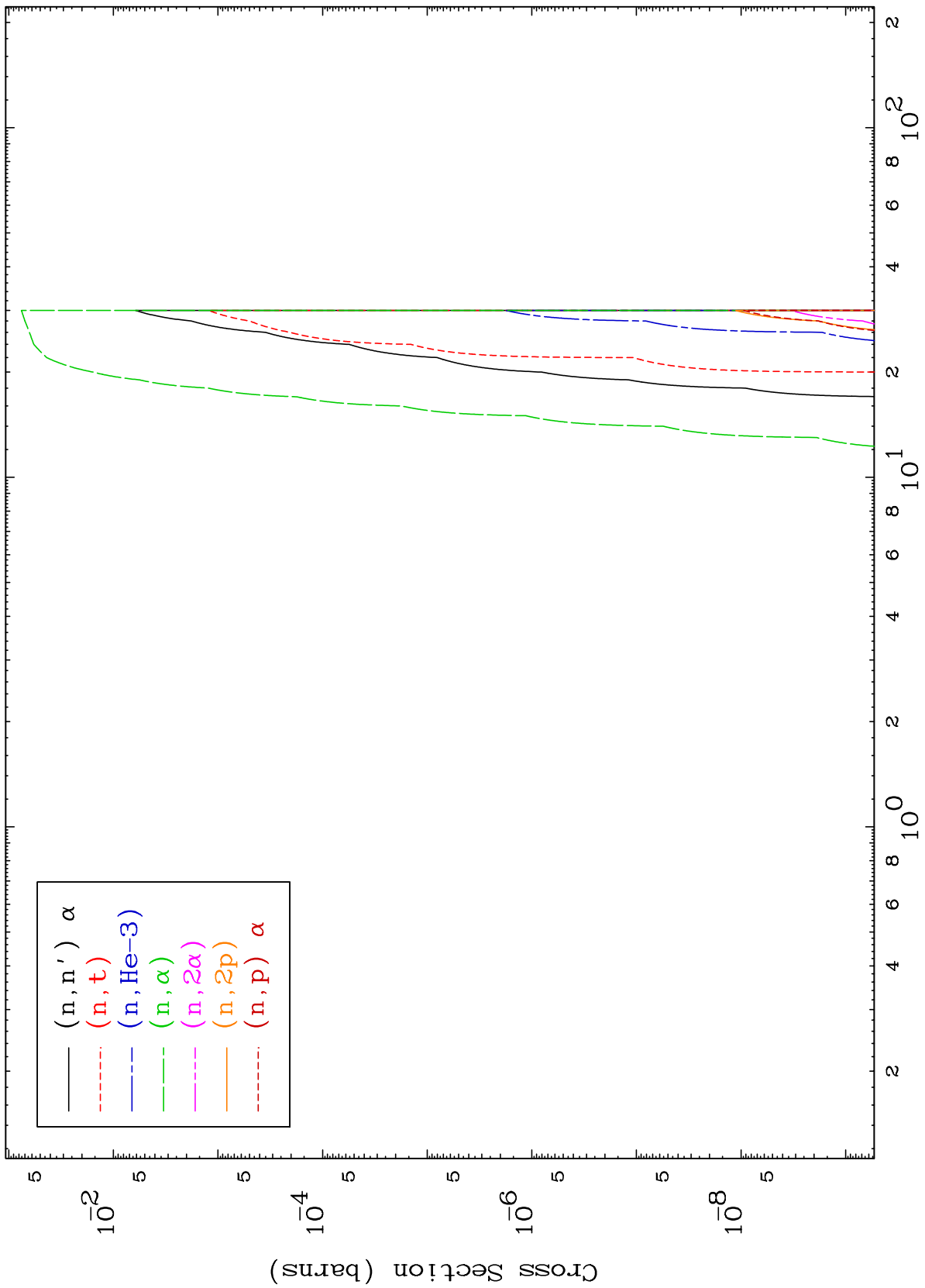
MAT 7319

α Neutron Absorption
0 Kelvin Cross Sections

73-Ta-178



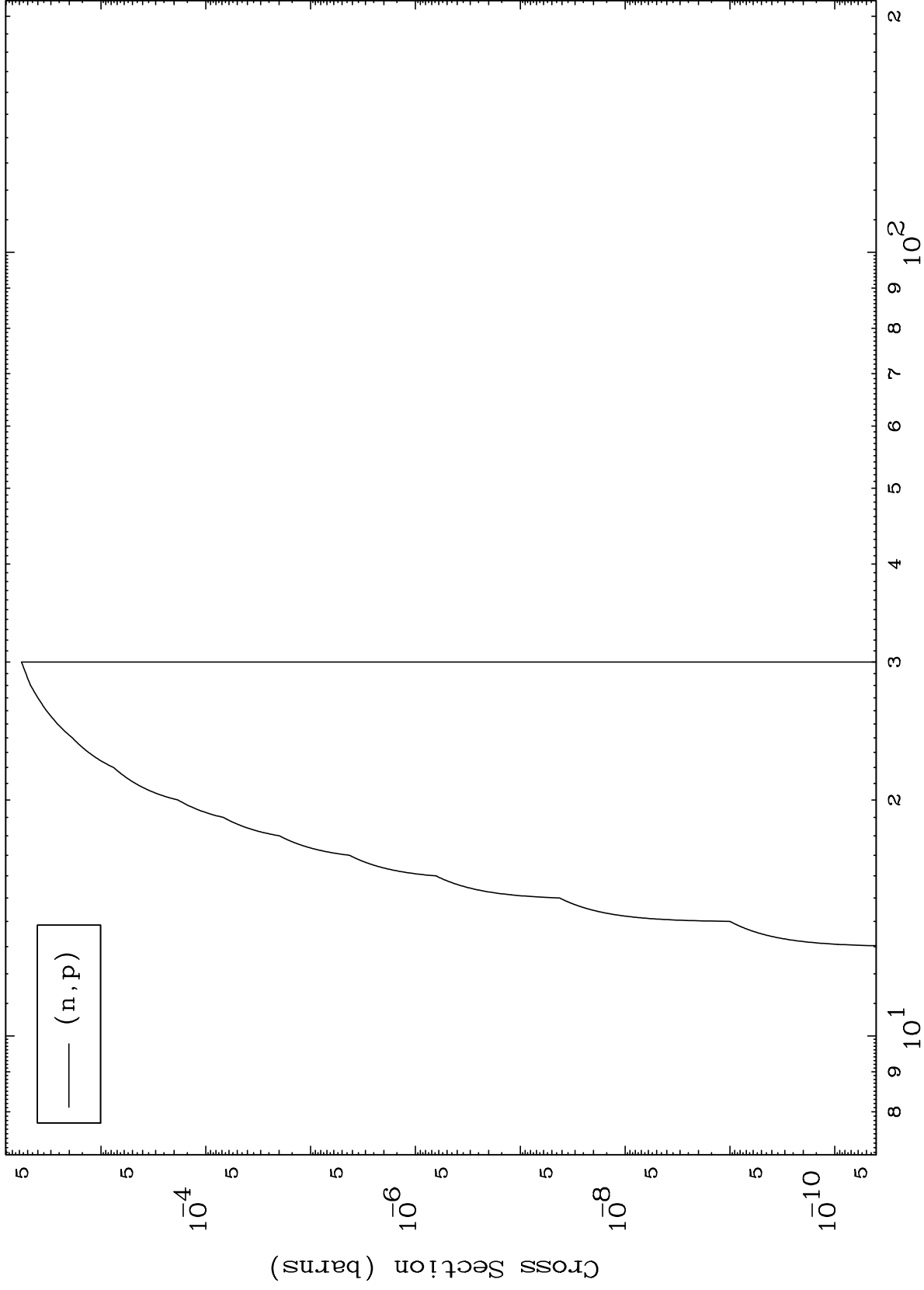




MAT 7319

(α, p) Levels
0 Kelvin Cross Sections

73-Ta-178



6

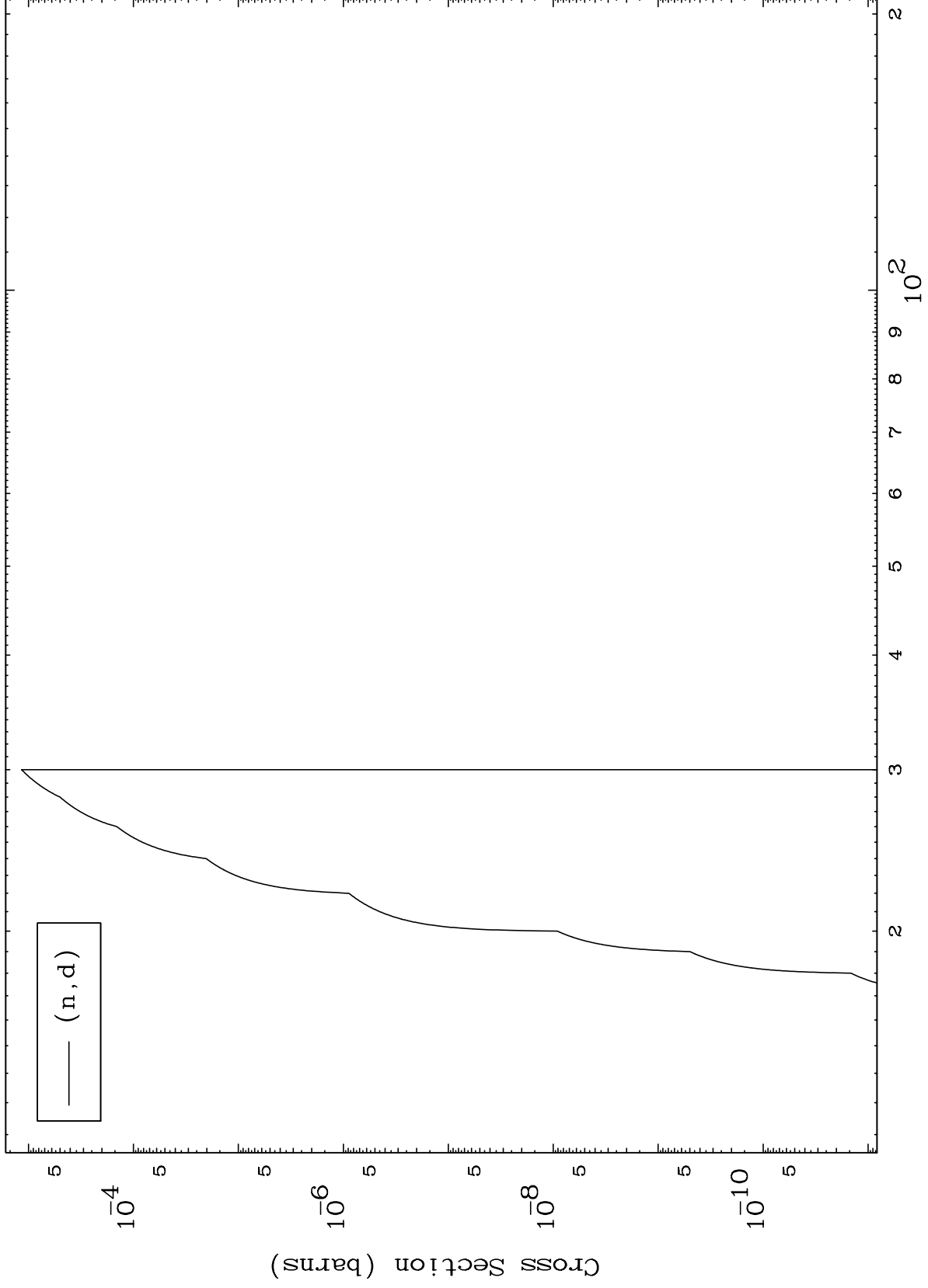
Incident Energy (MeV)

73-Ta-178

MAT 7319

(α, d) Levels
0 Kelvin Cross Sections

73-Ta-178



7

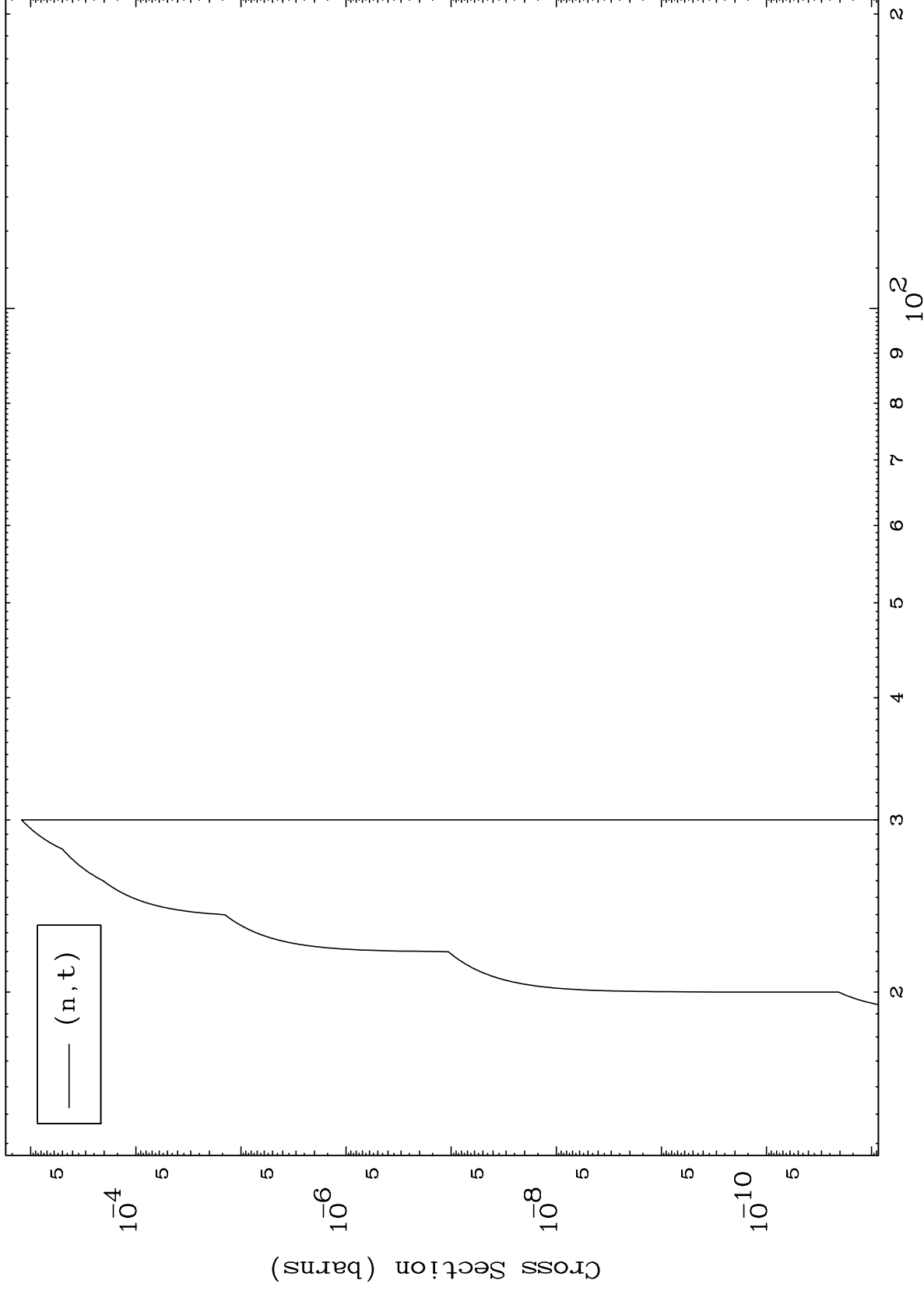
Incident Energy (MeV)

73-Ta-178

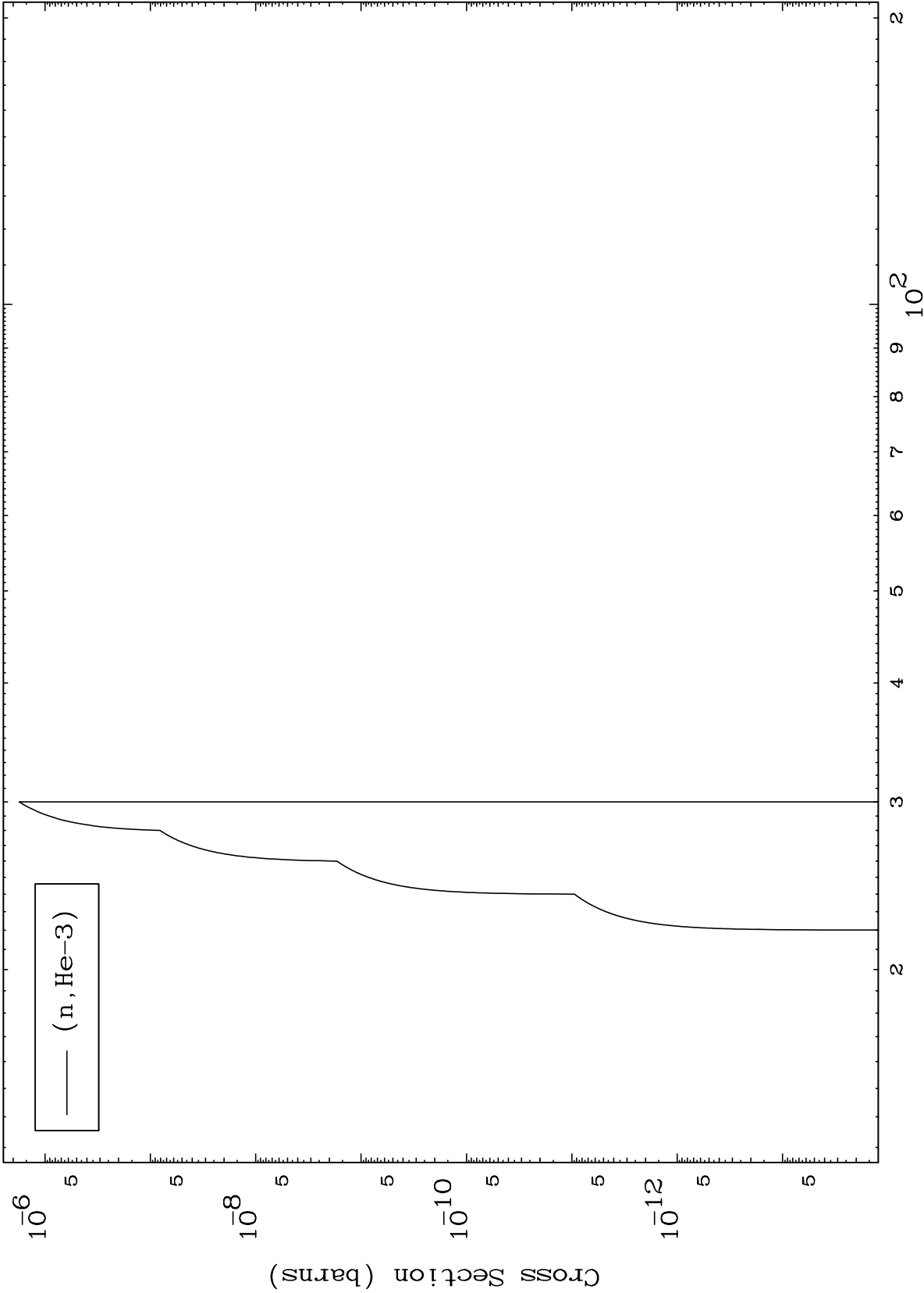
MAT 7319

(α, t) Levels
0 Kelvin Cross Sections

73-Ta-178



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

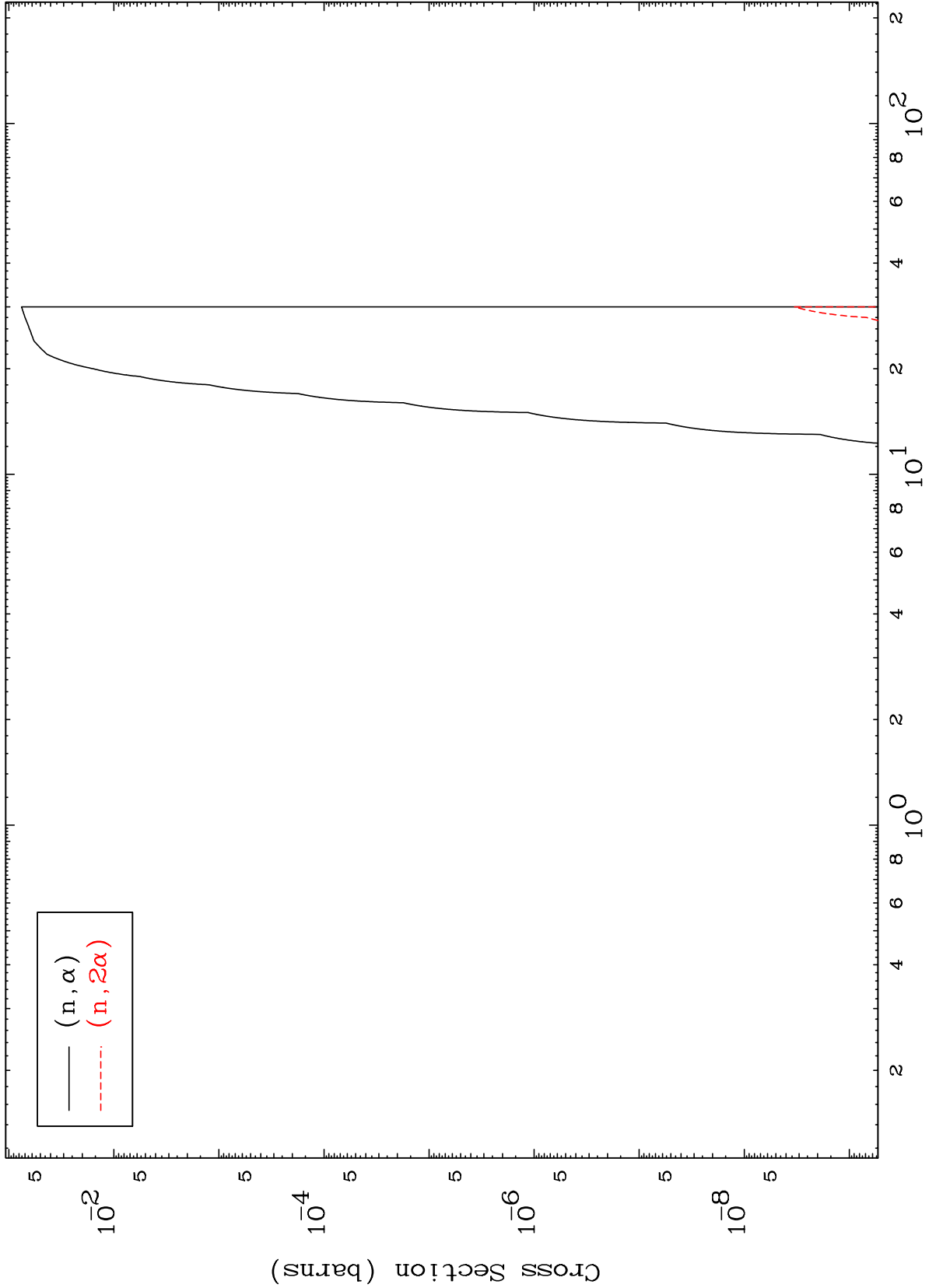


MAT 7319

(α, α) Levels

73-Ta-178

0 Kelvin Cross Sections



10

Incident Energy (MeV)

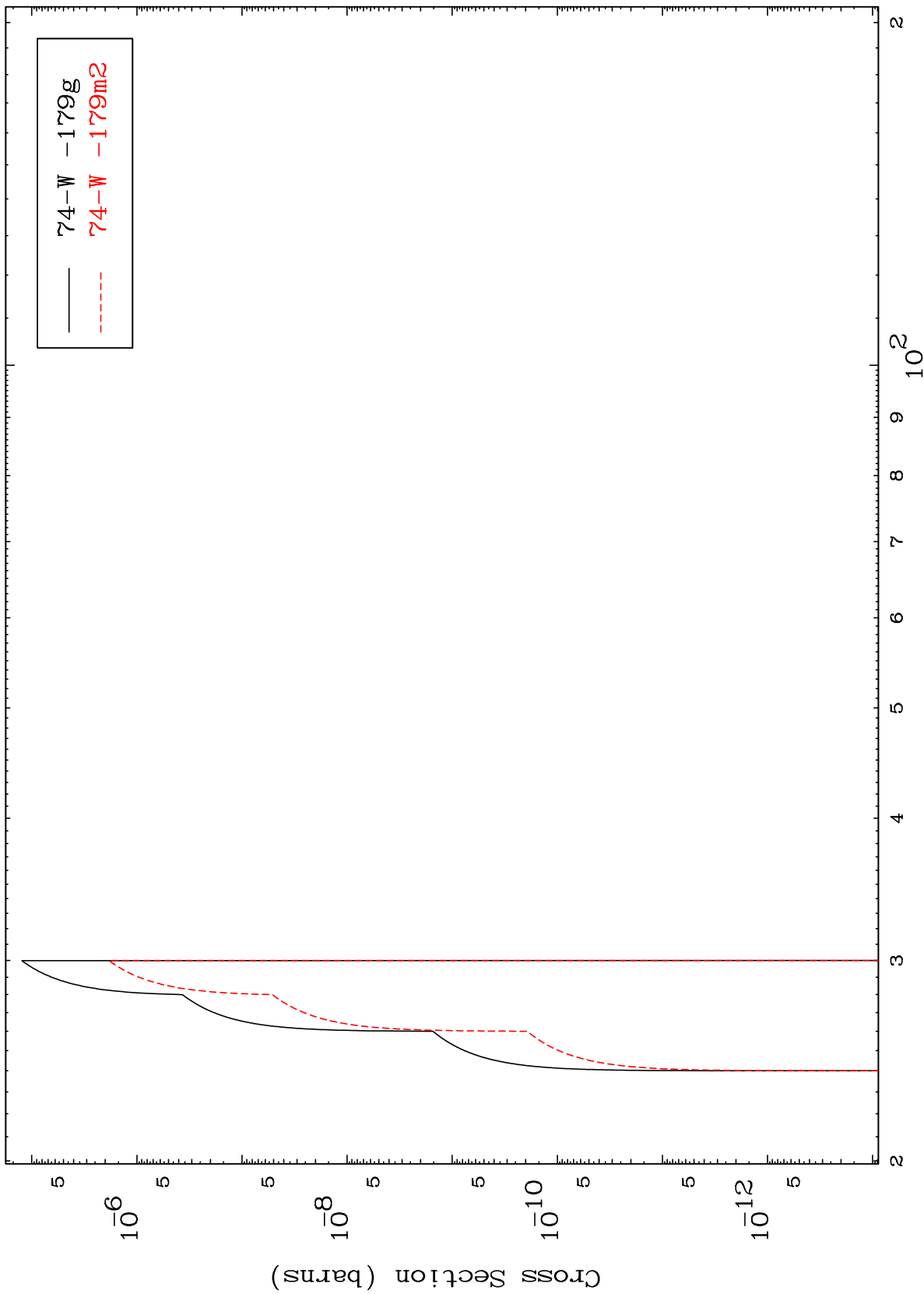
73-Ta-178

MAT 7319

(n,n') d

73-Ta-178

Radionuclide Production Cross Section



11

Incident Energy (MeV)

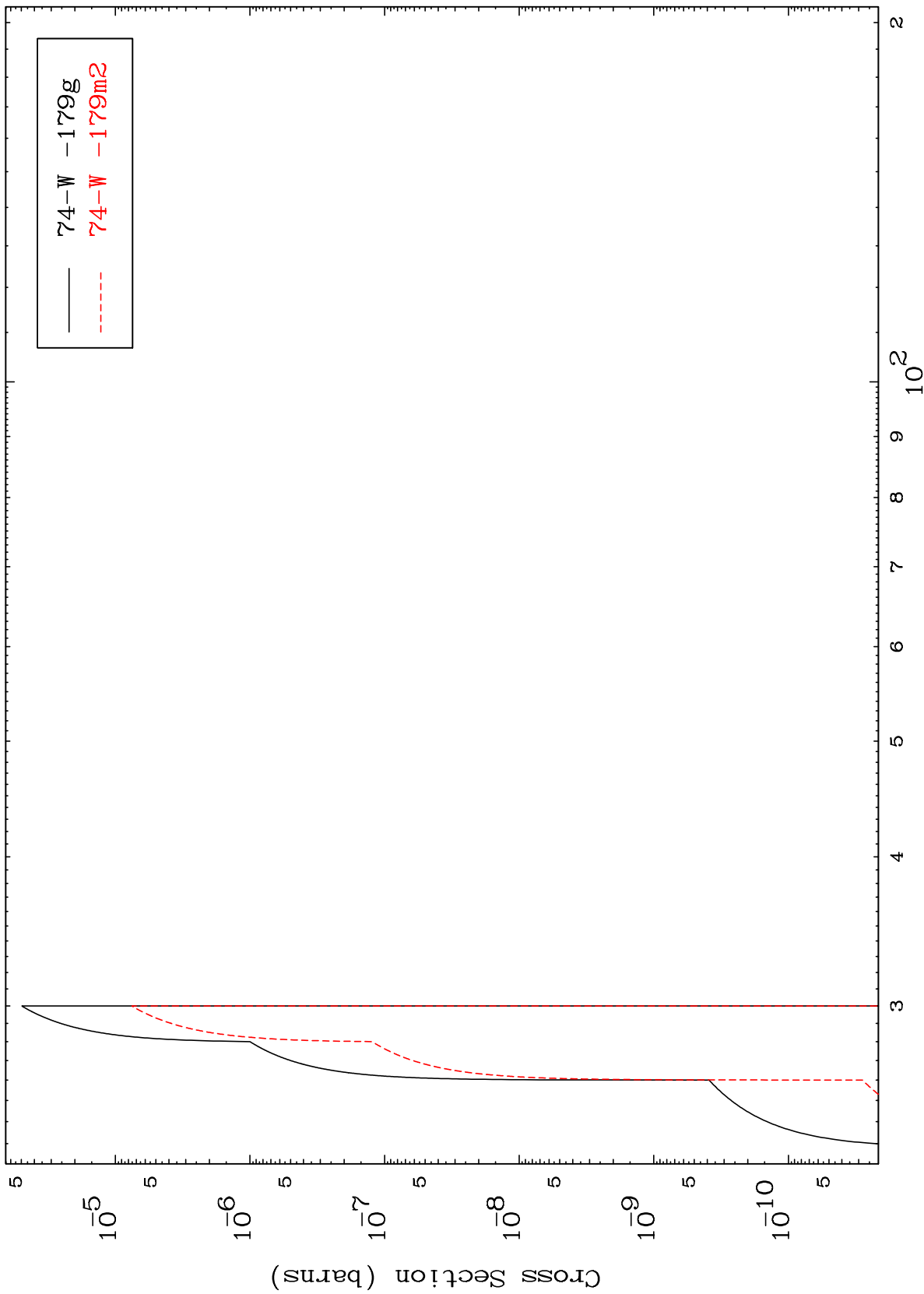
73-Ta-178

MAT 7319

(n,2n) p

73-Ta-178

Radionuclide Production Cross Section



12

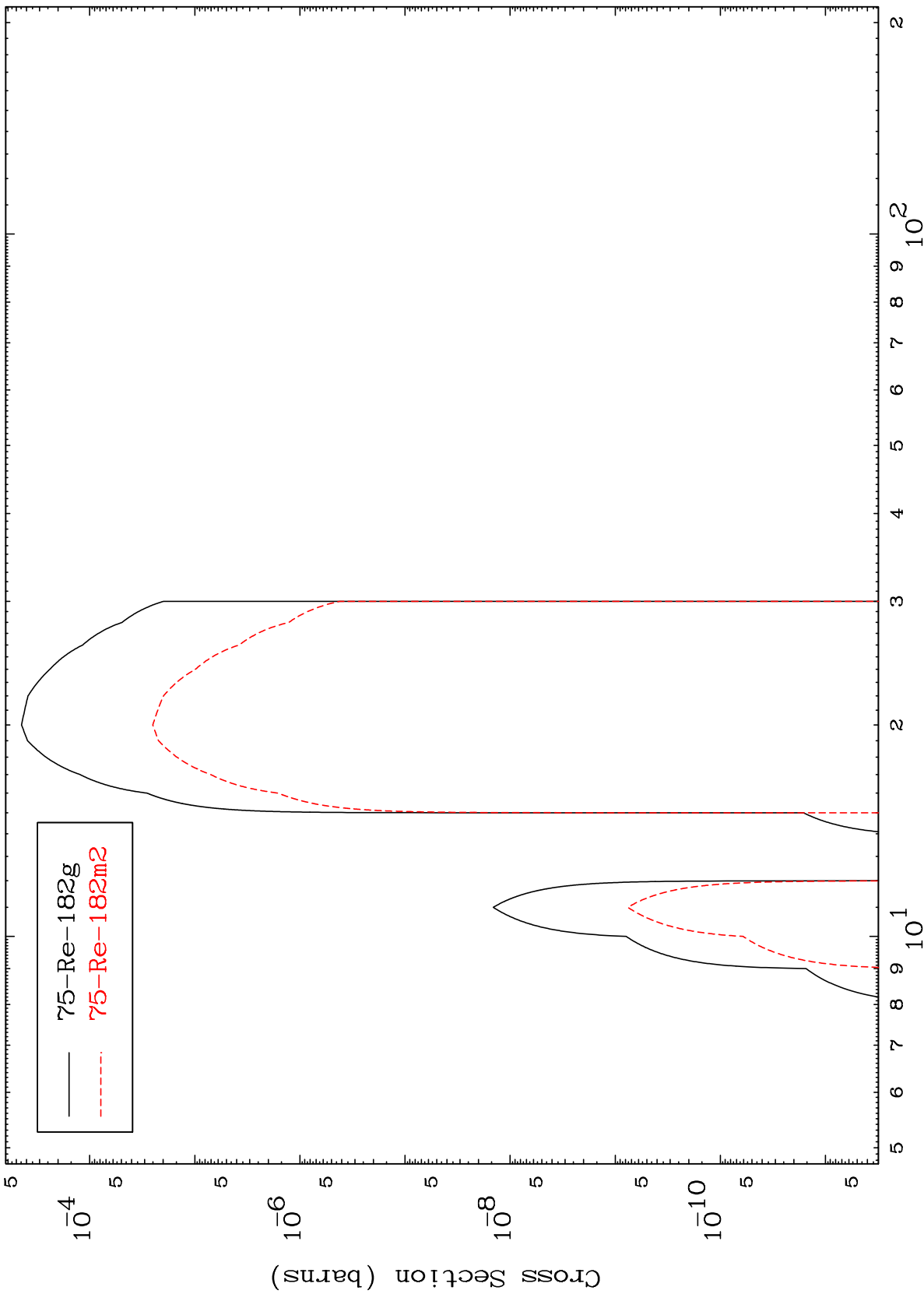
Incident Energy (MeV)

73-Ta-178

MAT 7319

73-Ta-178

(n,γ)
Radionuclide Production Cross Section



73-Ta-178

Incident Energy (MeV)

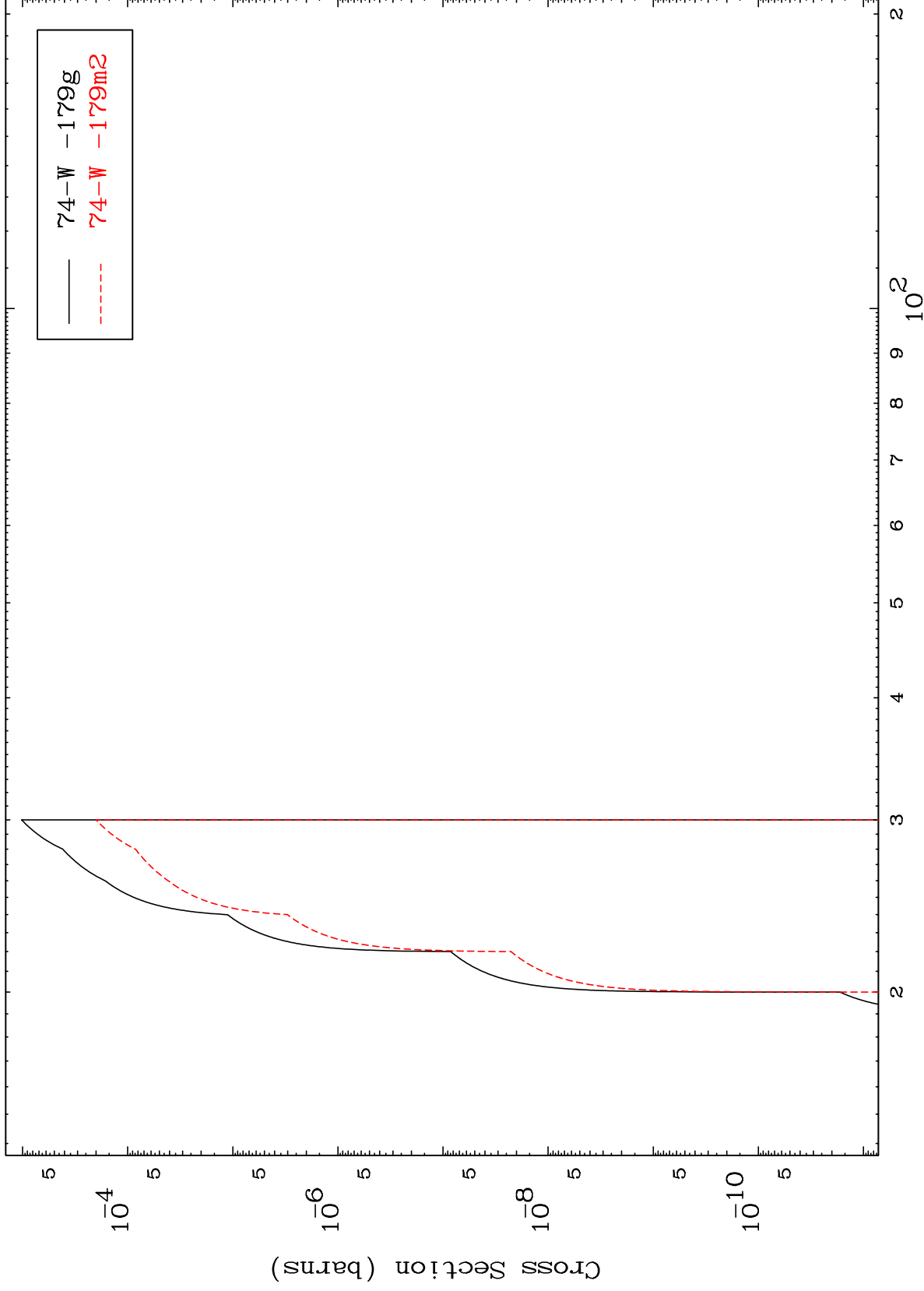
13

MAT 7319

(n, t)

⁷³Ta-178

Radionuclide Production Cross Section



14

Incident Energy (MeV)

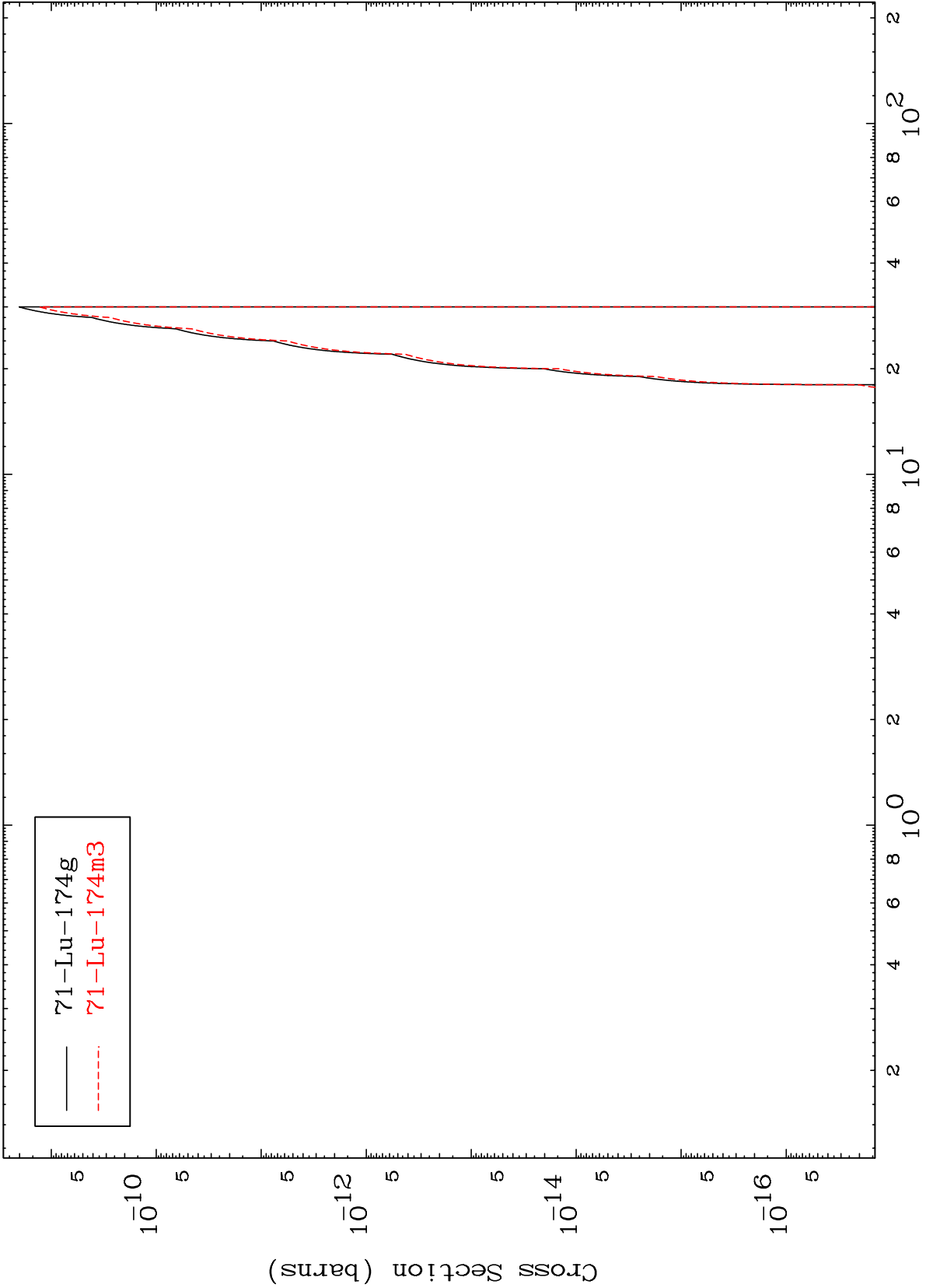
⁷³Ta-178

MAT 7319

(n,2α)

73-Ta-178

Radionuclide Production Cross Section

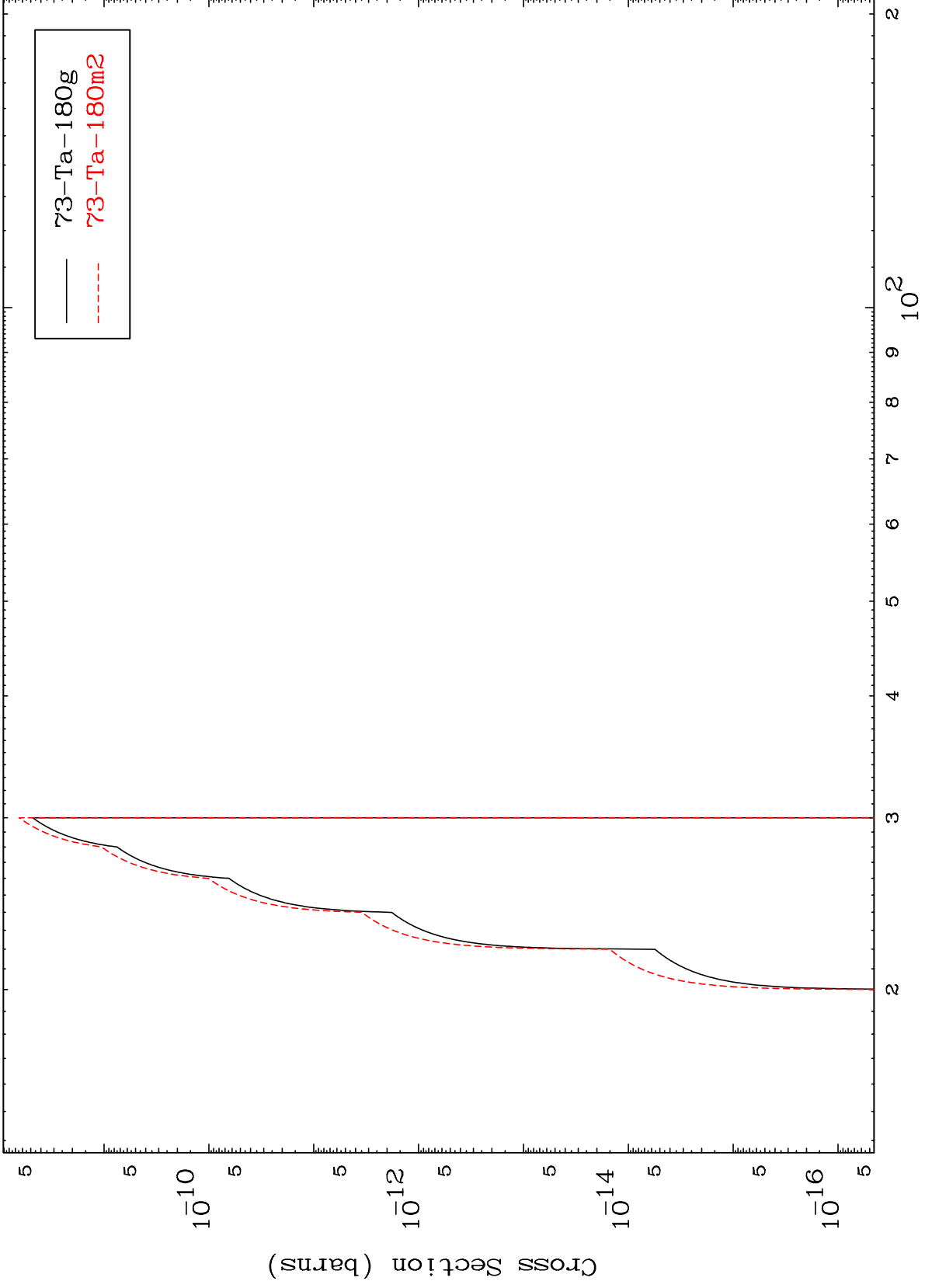


71-Lu-174g
71-Lu-174m3

MAT 7319

⁷³Ta-178

(n,2p)
Radionuclide Production Cross Section



⁷³Ta-178

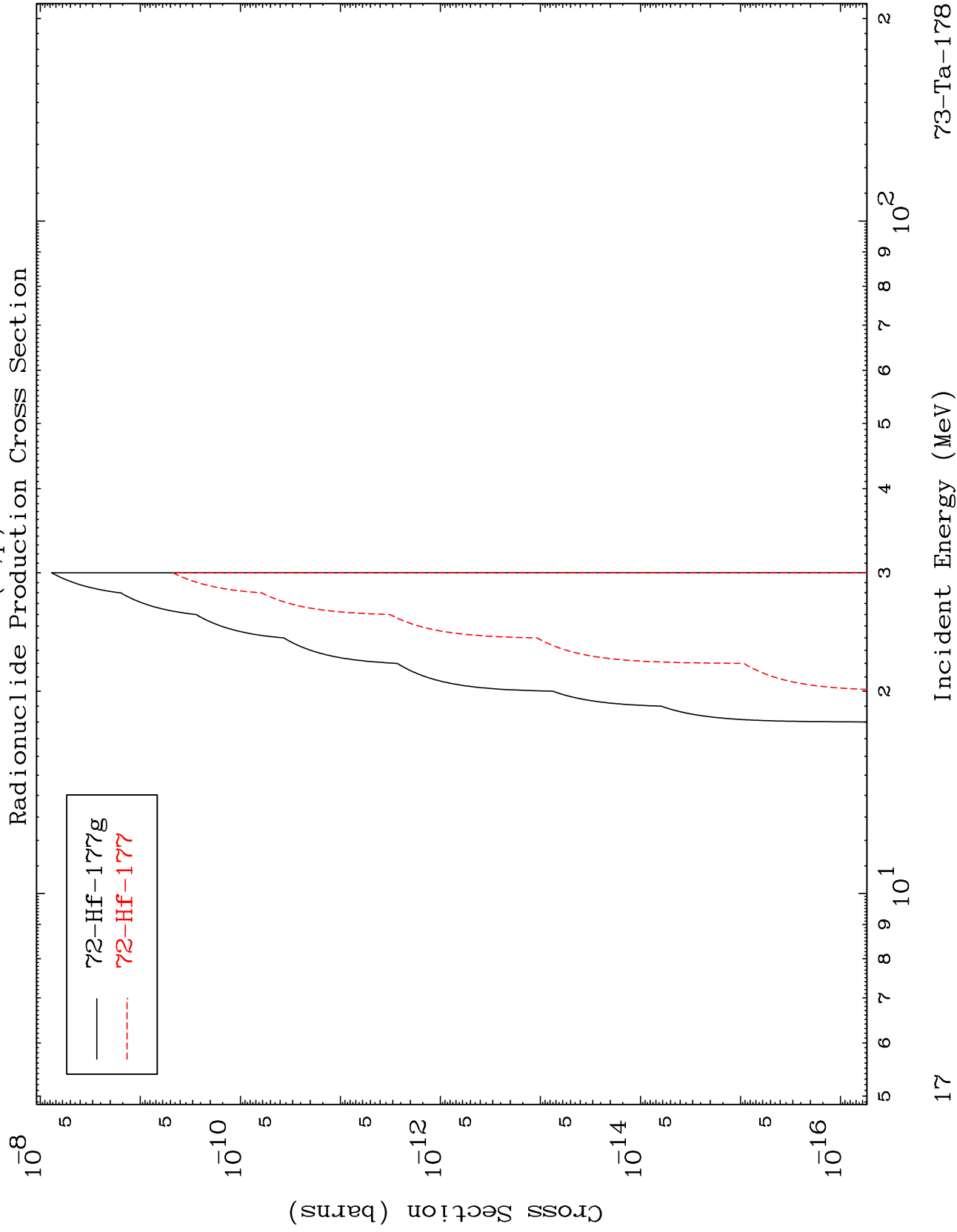
Incident Energy (MeV)

16

MAT 7319

(n,p) α

⁷³Ta-¹⁷⁸



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