

Program EVALPLOT
(Version 2018-1)

by

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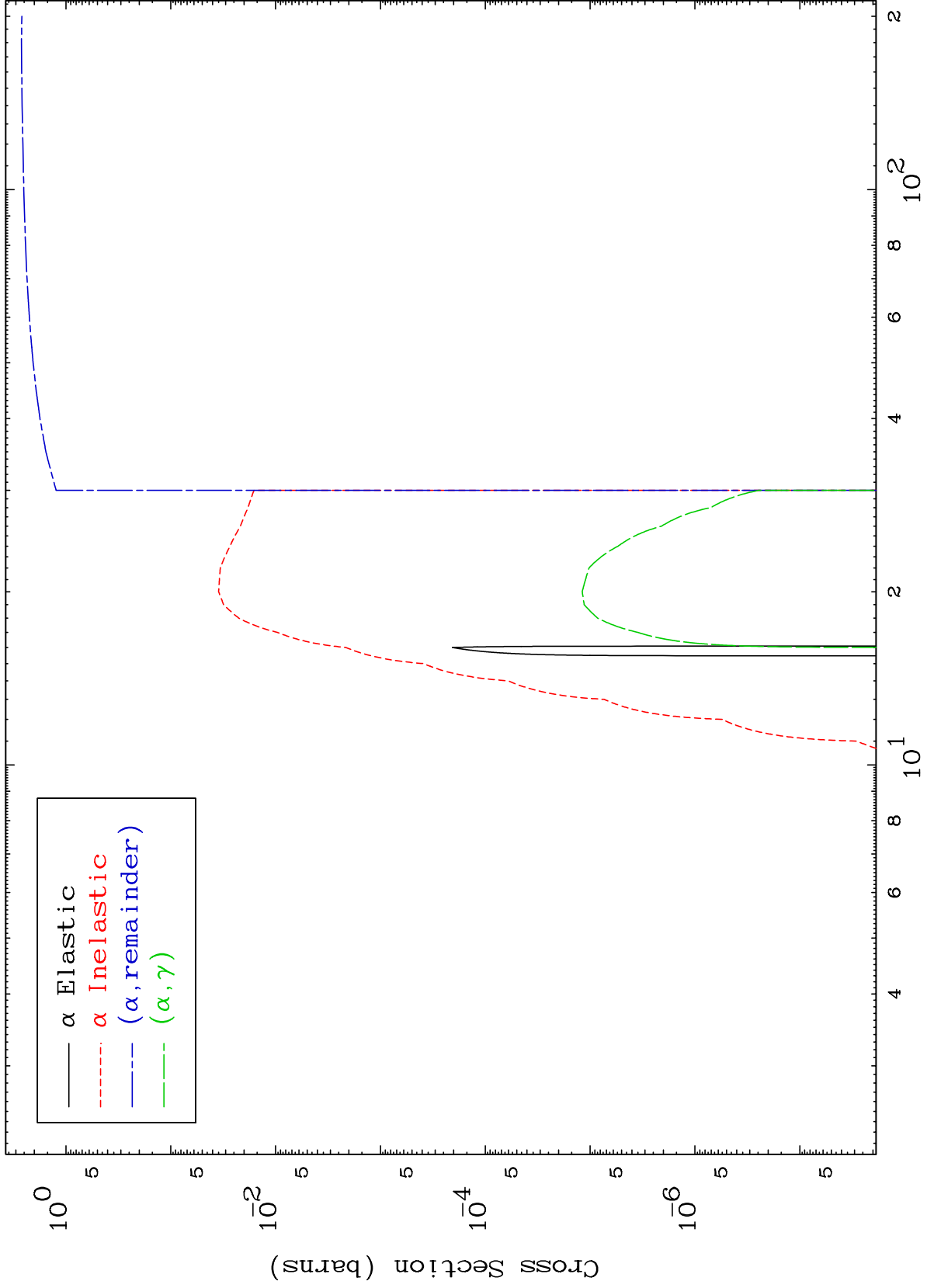
Press Mouse Button to Start

MAT 7328

α Major

73-Ta-181

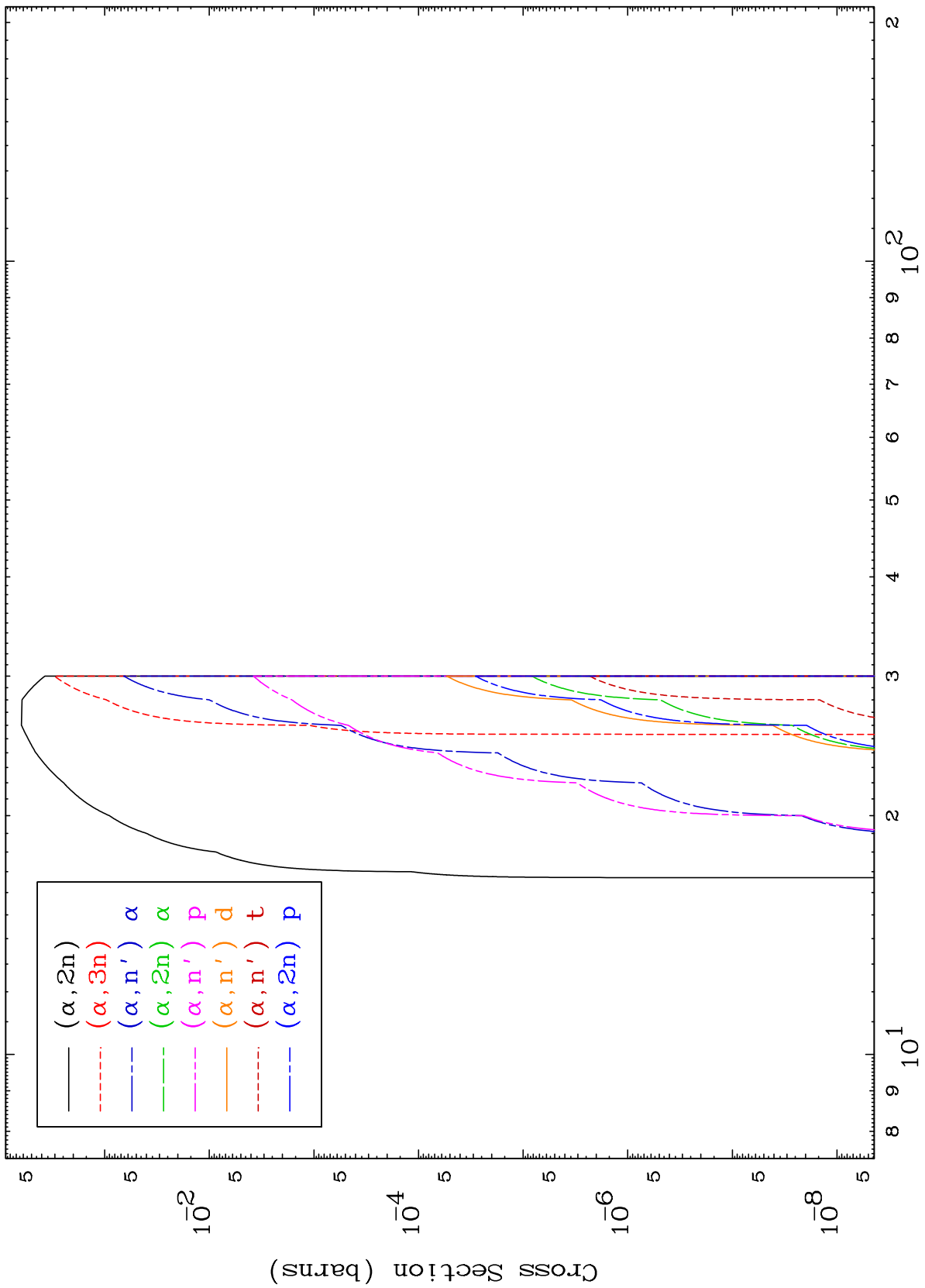
0 Kelvin Cross Sections



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α Neutron Production
0 Kelvin Cross Sections

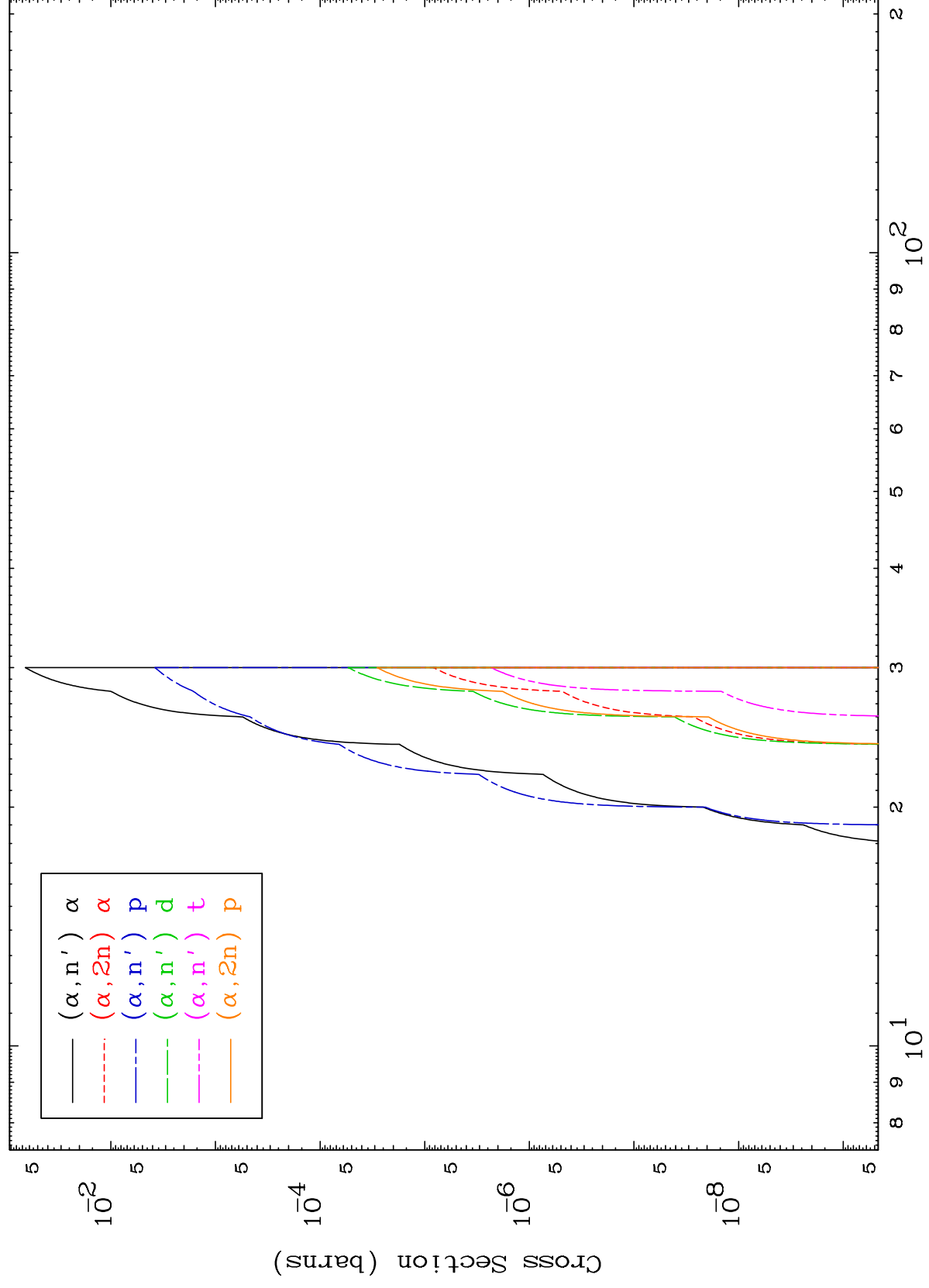
73-Ta-181



2

Incident Energy (MeV)

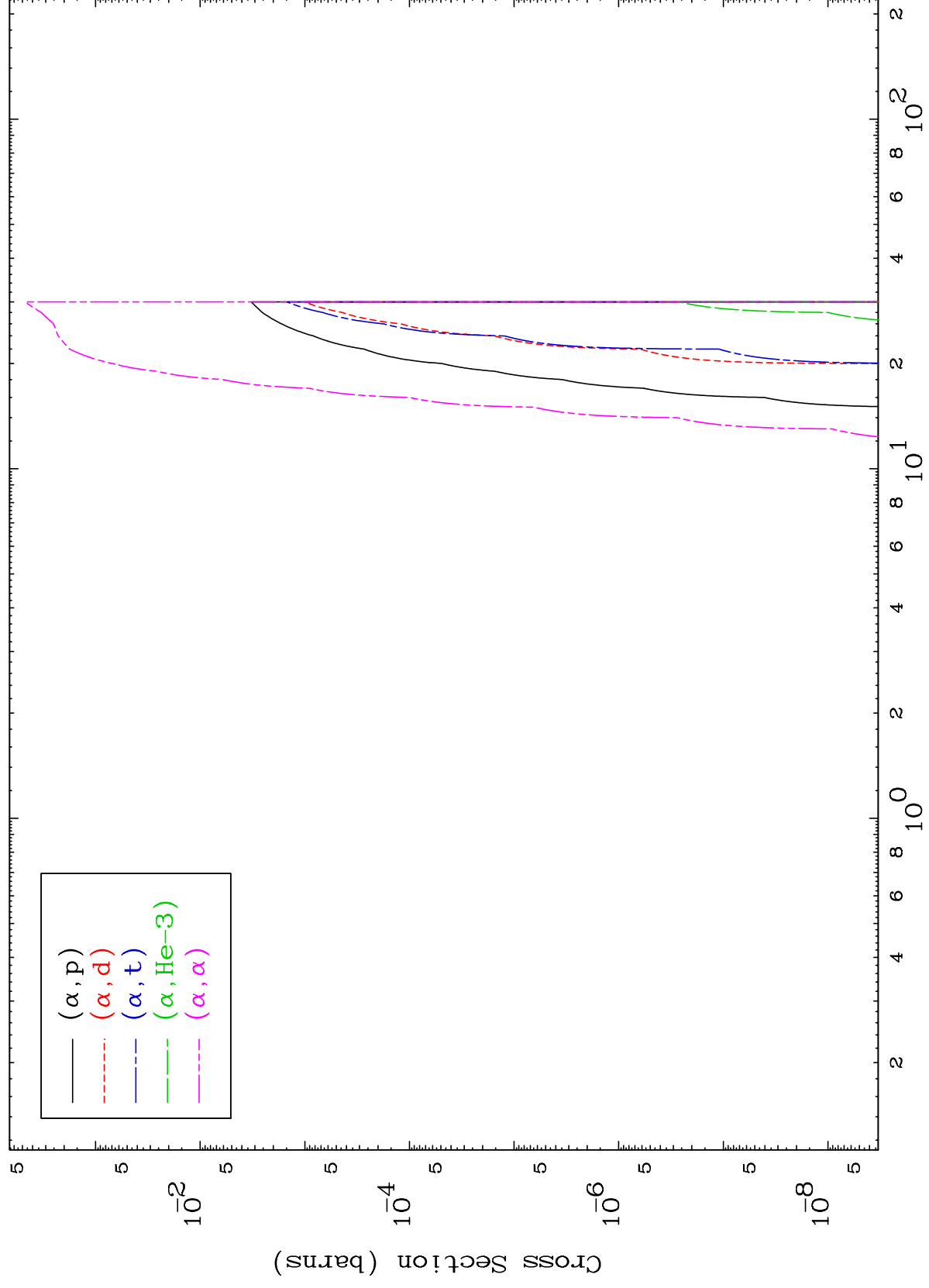
73-Ta-181



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α Charged Particle
0 Kelvin Cross Sections

⁷³Ta-181



⁷³Ta-181

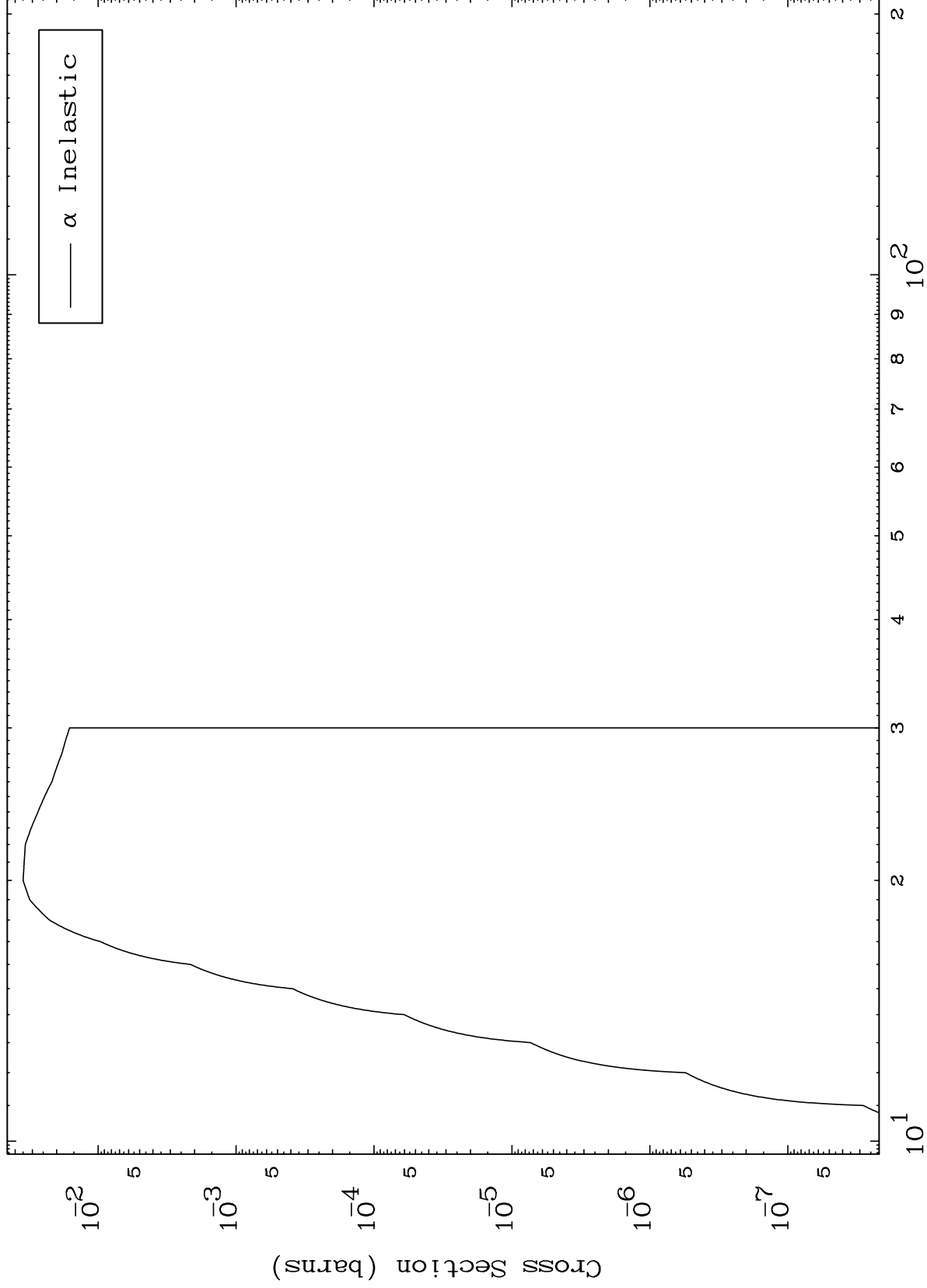
Incident Energy (MeV)

MAT 7328

(α, n') Level

73-Ta-181

0 Kelvin Cross Sections



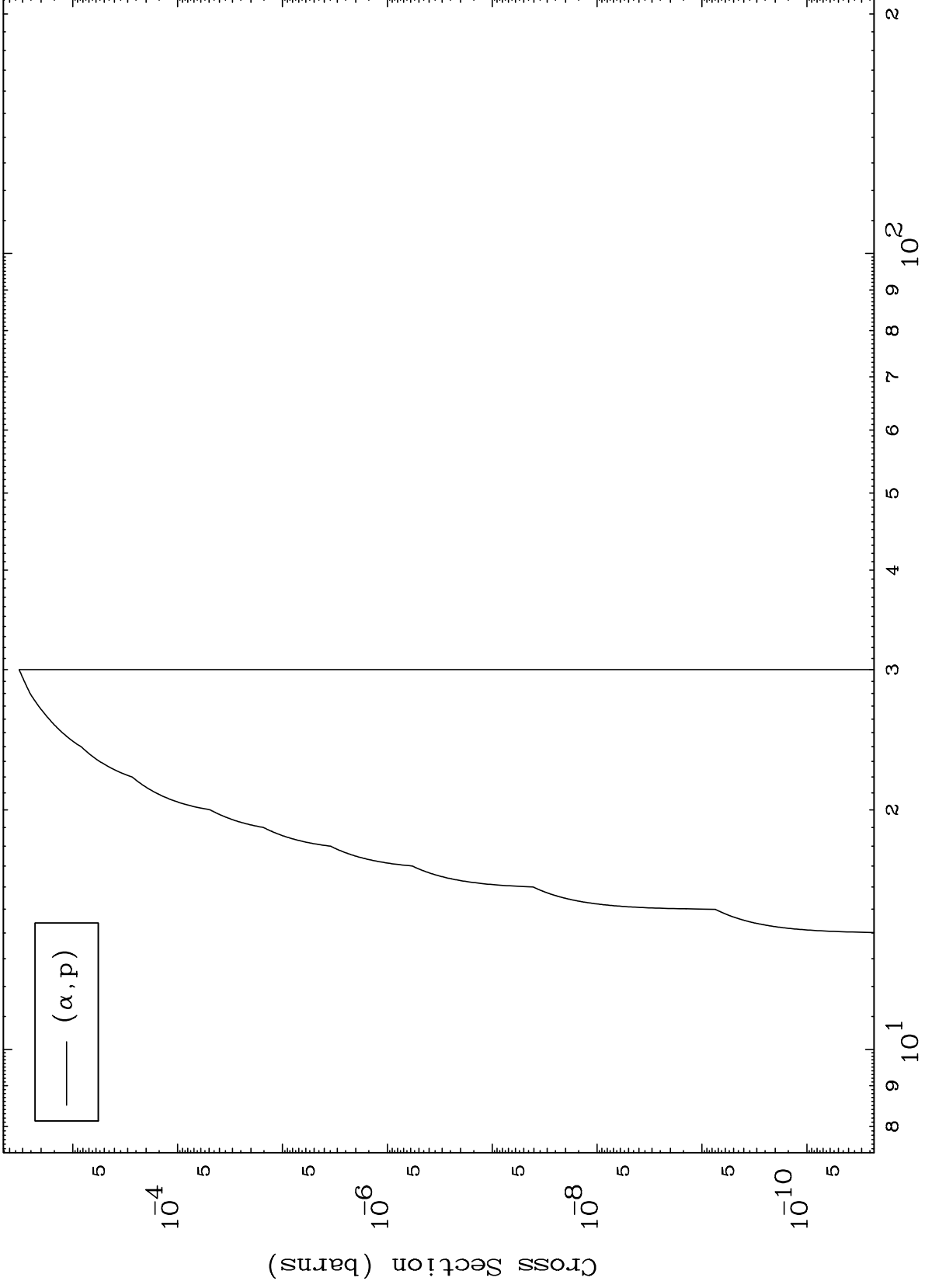
Incident Energy (MeV)

73-Ta-181

MAT 7328

73-Ta-181

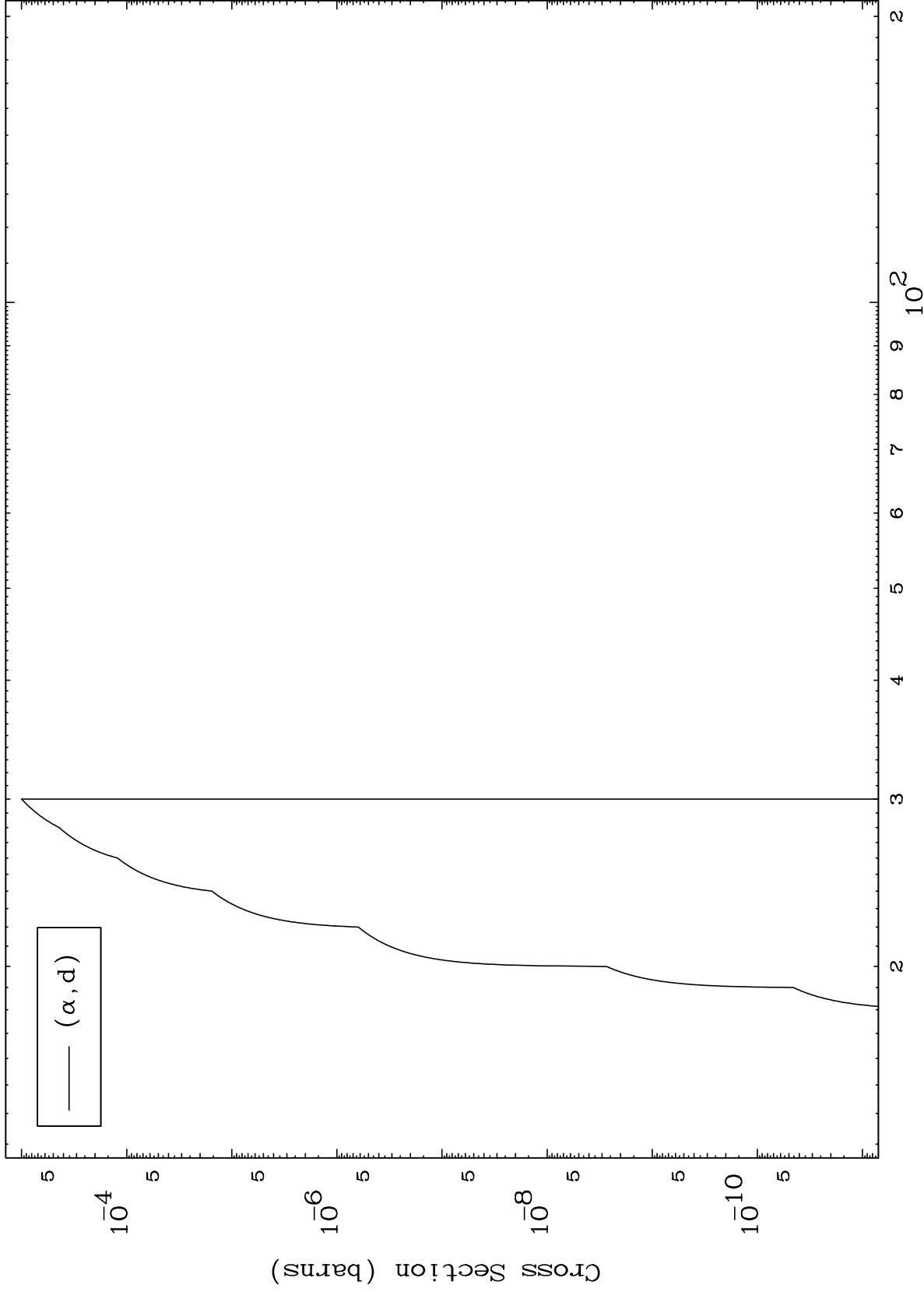
(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

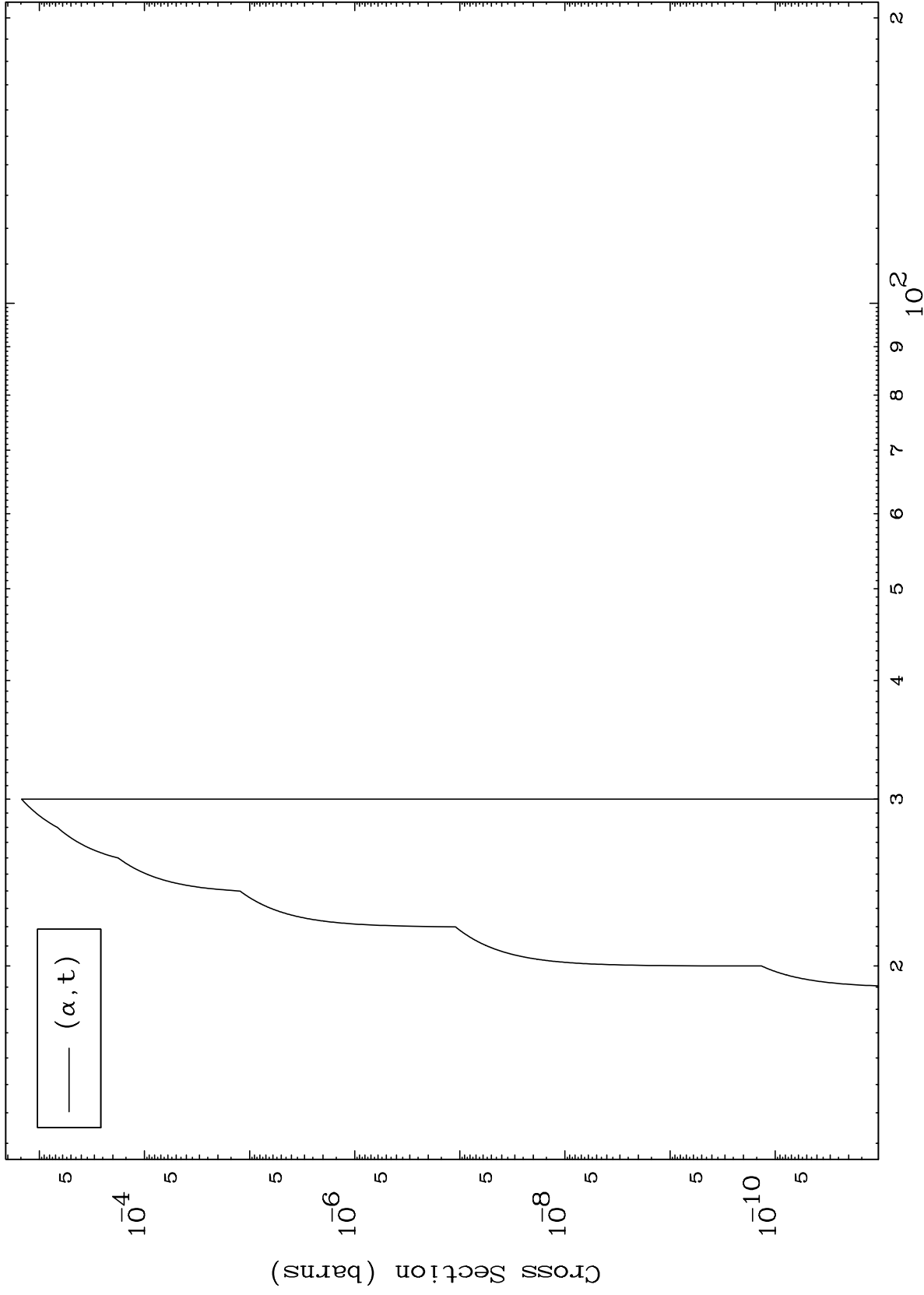
73-Ta-181



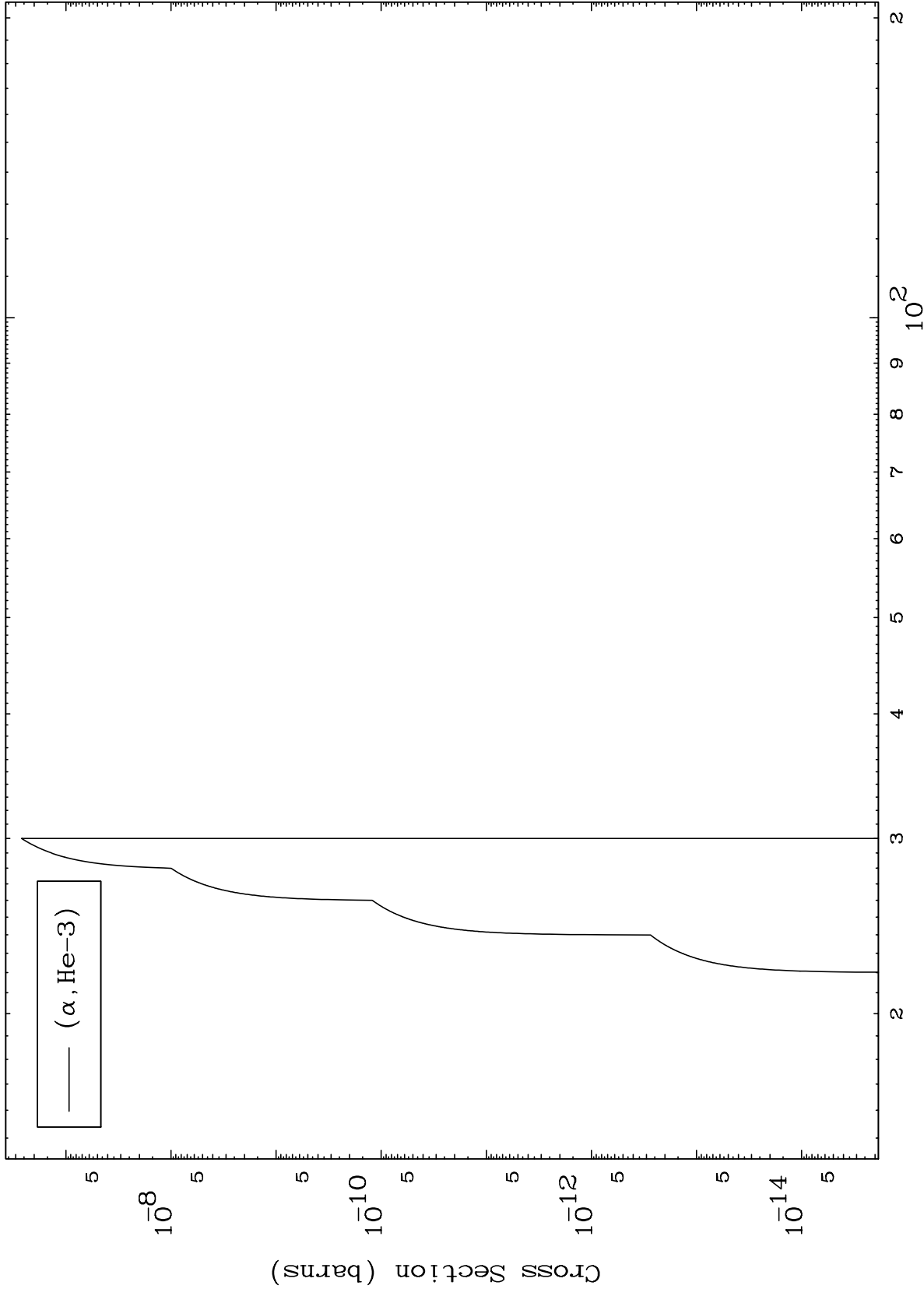
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(α, t) Levels
0 Kelvin Cross Sections

73-Ta-181



(α , He3) Levels
0 Kelvin Cross Sections

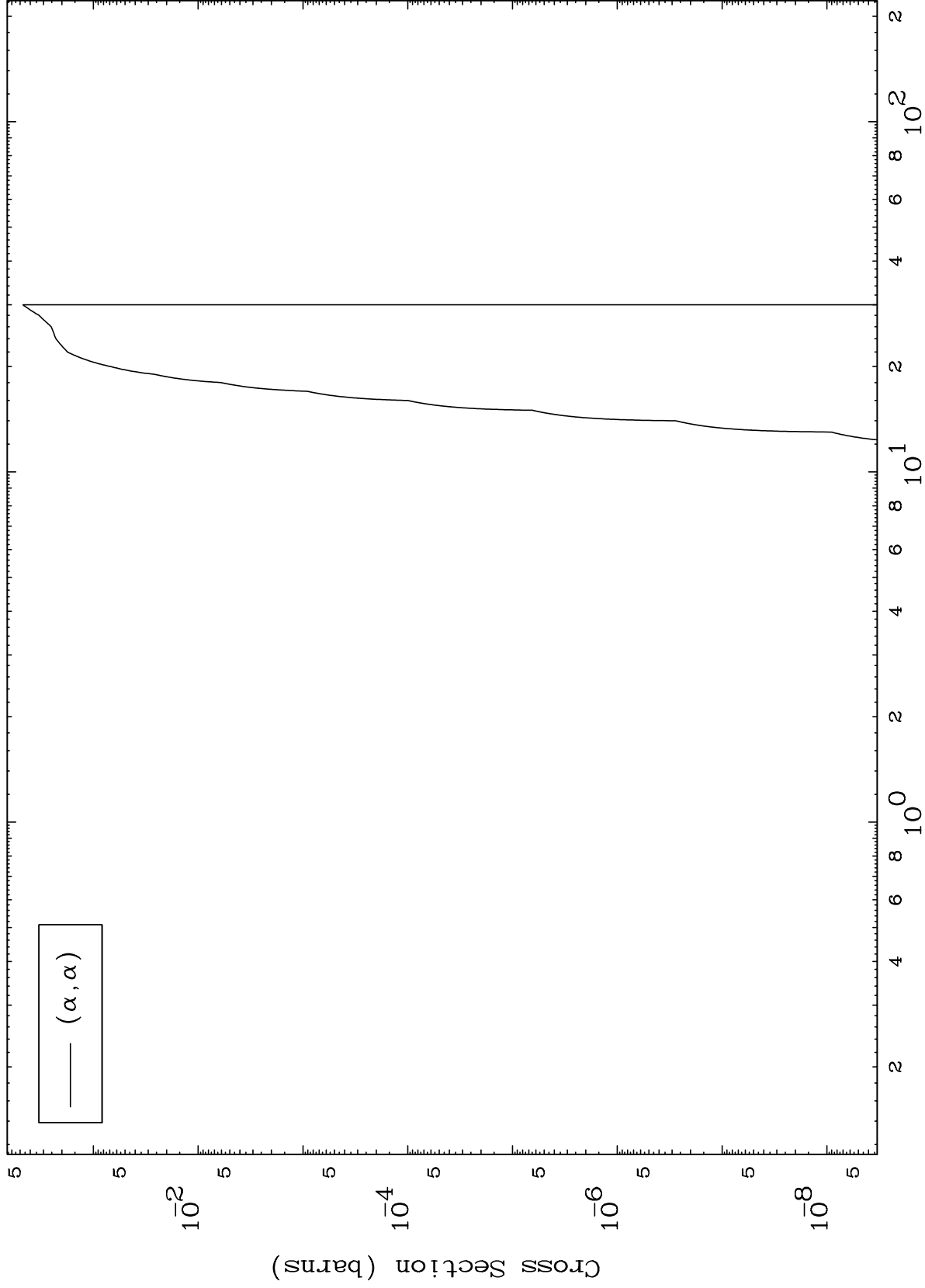


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(α, α) Levels

$^{73}\text{Ta-181}$

0 Kelvin Cross Sections



10

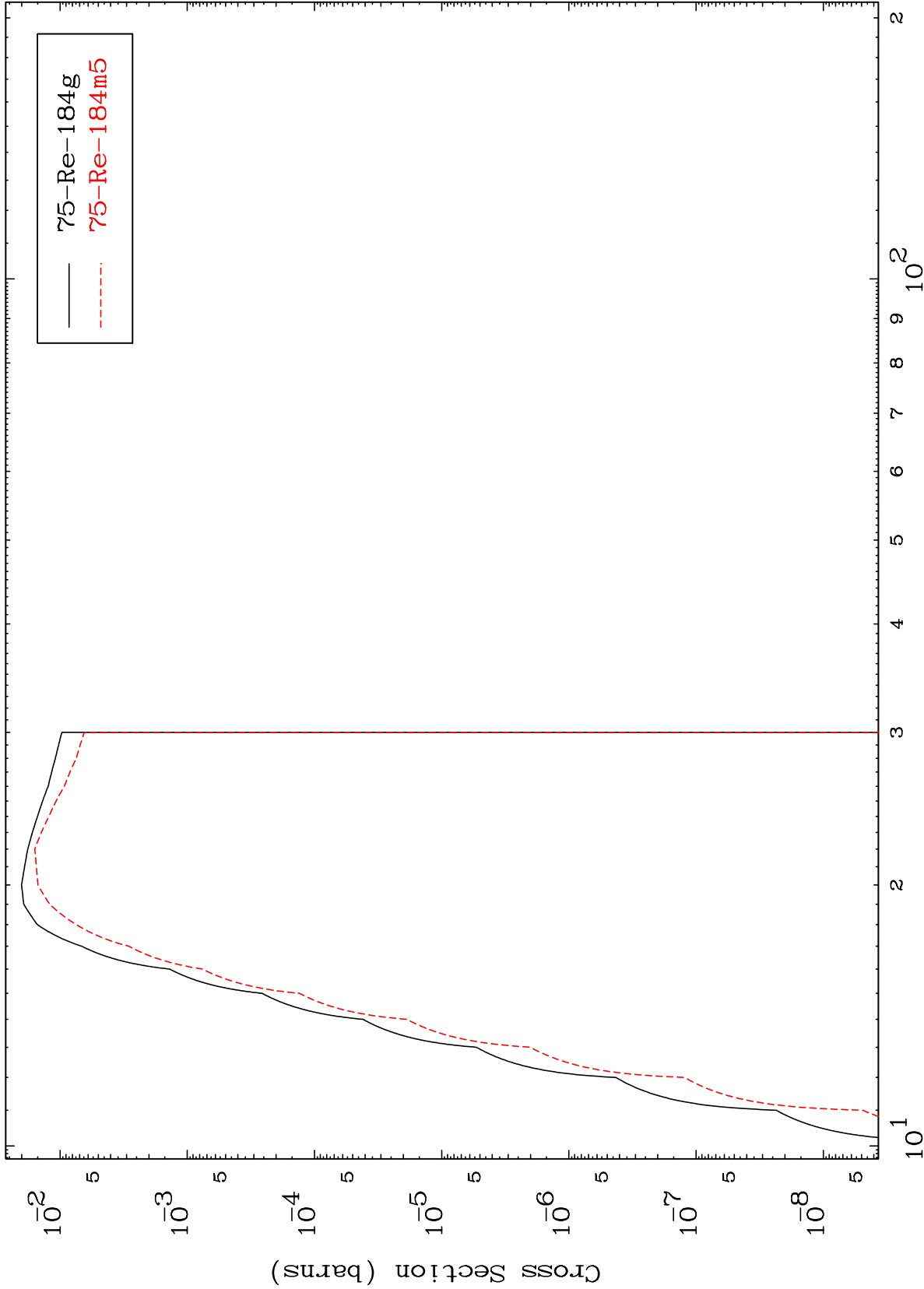
Incident Energy (MeV)

$^{73}\text{Ta-181}$

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73-Ta-181

α Inelastic
Radionuclide Production Cross Section



73-Ta-181

Incident Energy (MeV)

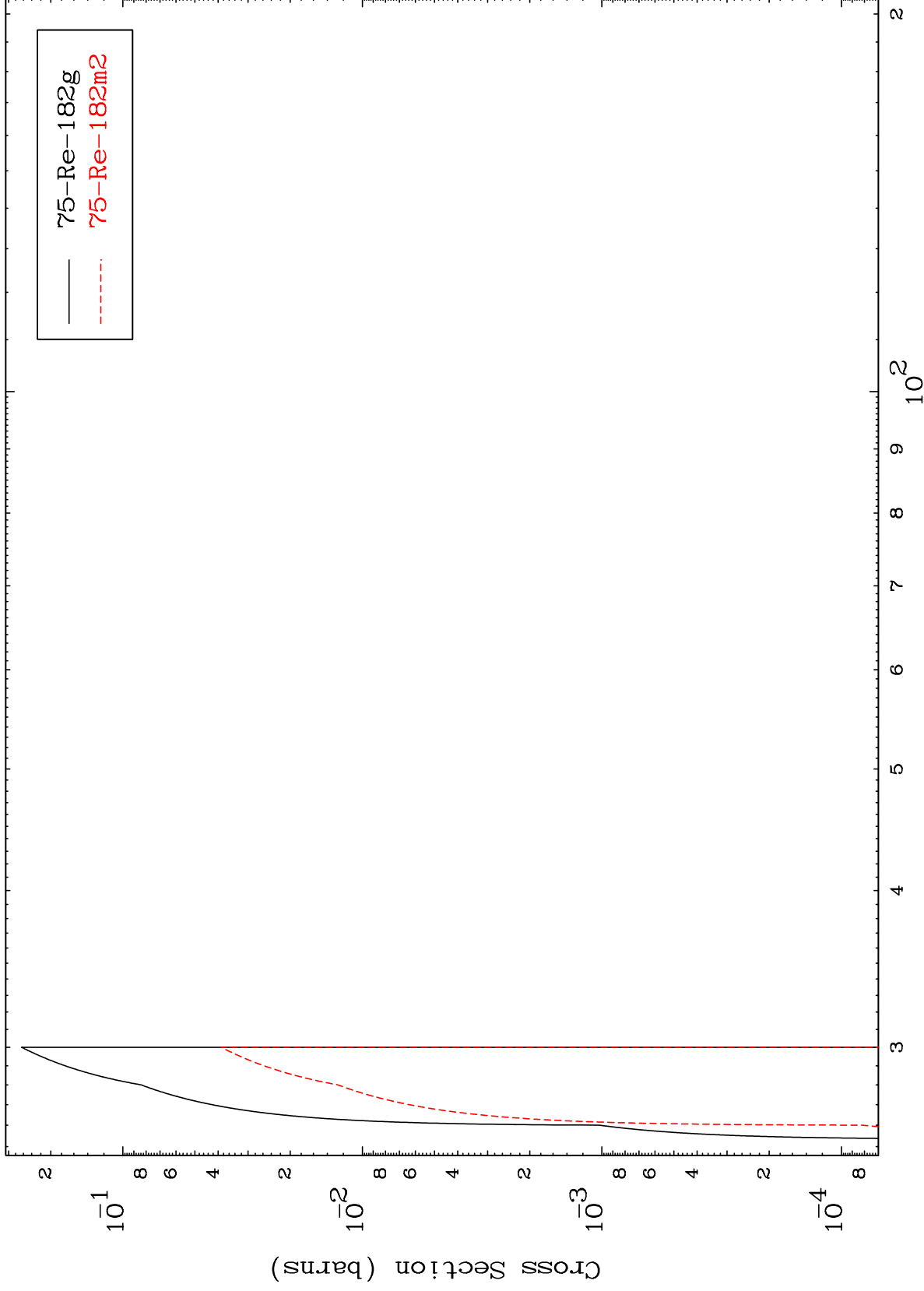
11

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73-Ta-181

($\alpha, 3n$)

Radionuclide Production Cross Section



12

Incident Energy (MeV)

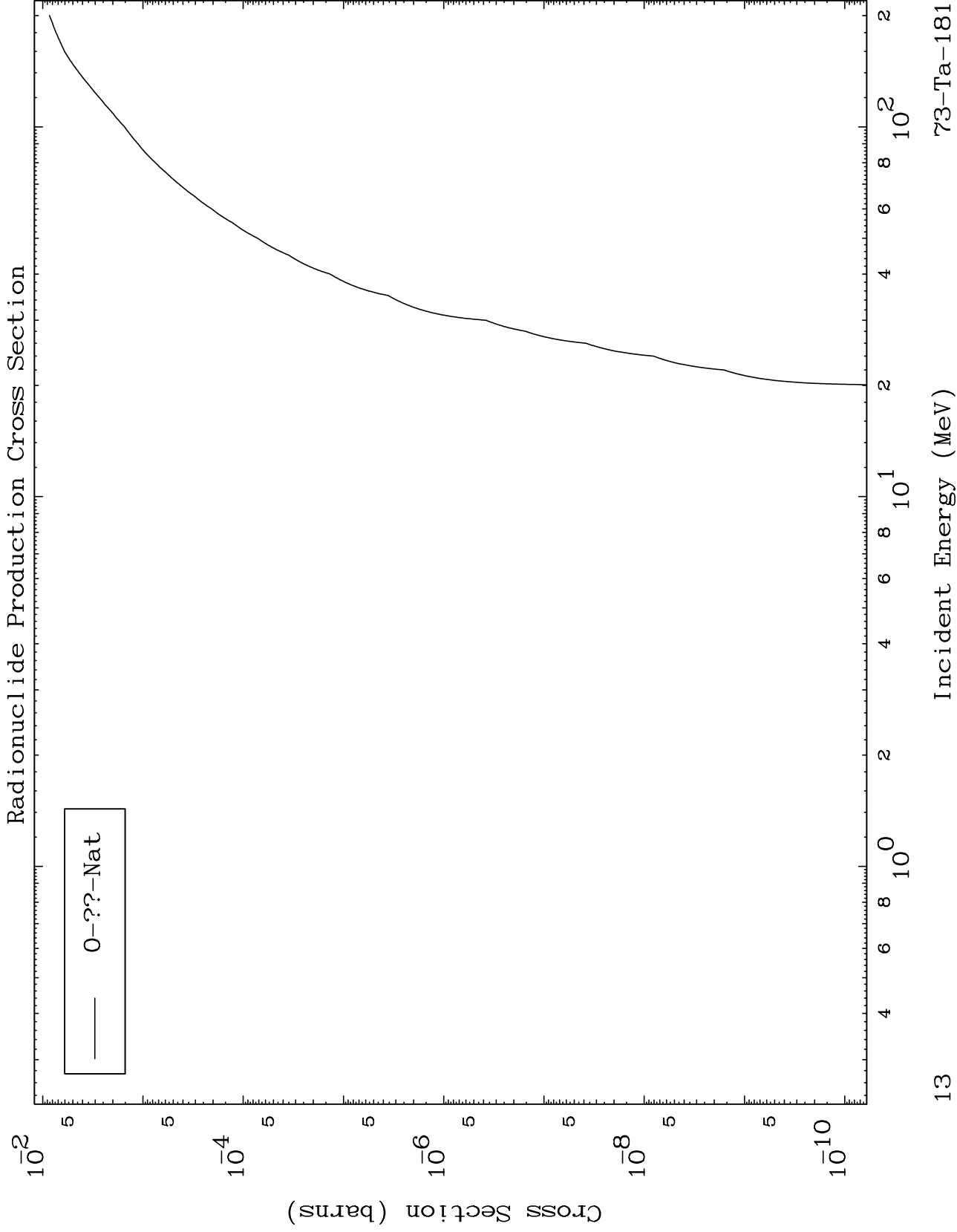
73-Ta-181

MAT 7328

α Fission

⁷³Ta-181

Radionuclide Production Cross Section

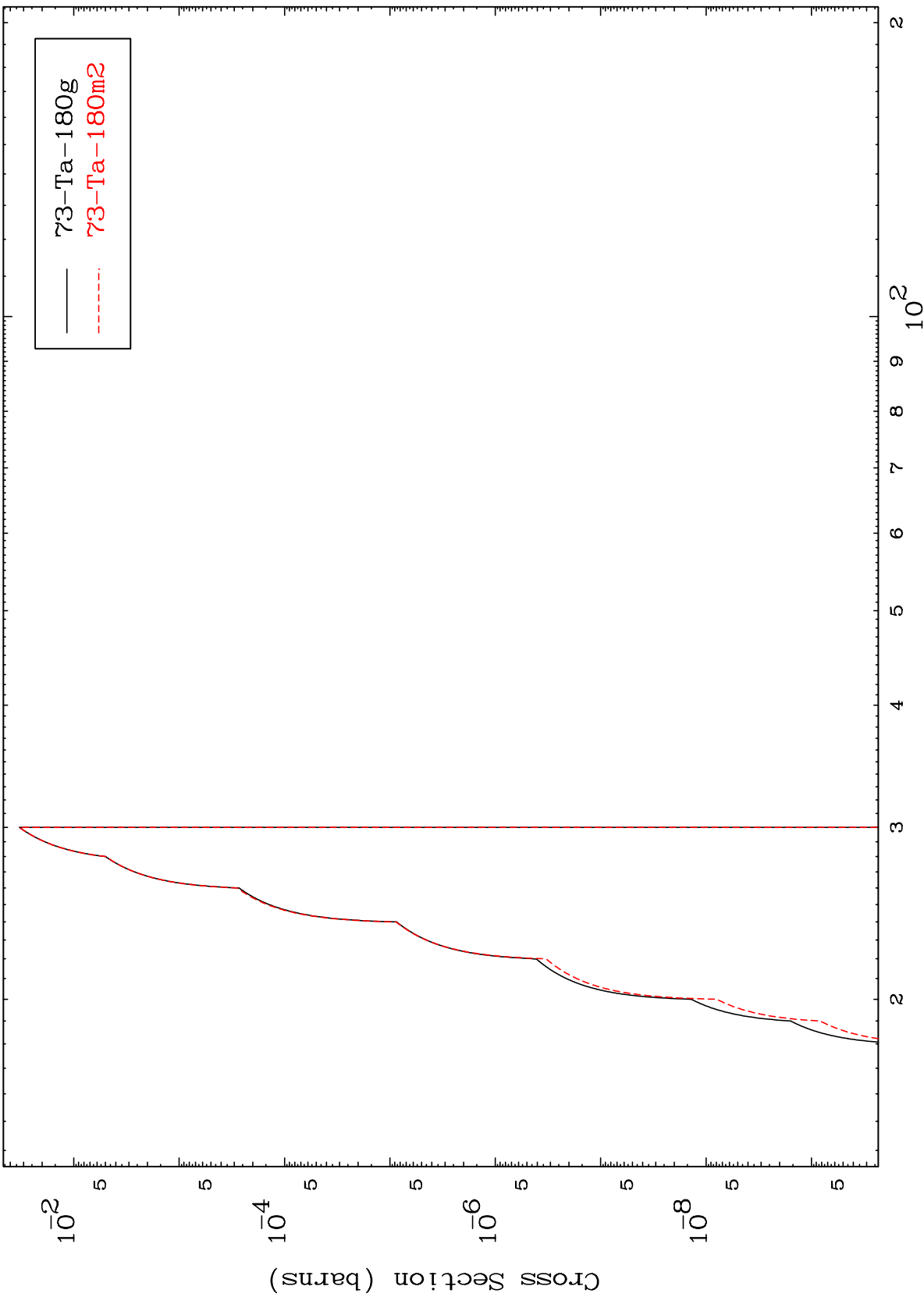


13

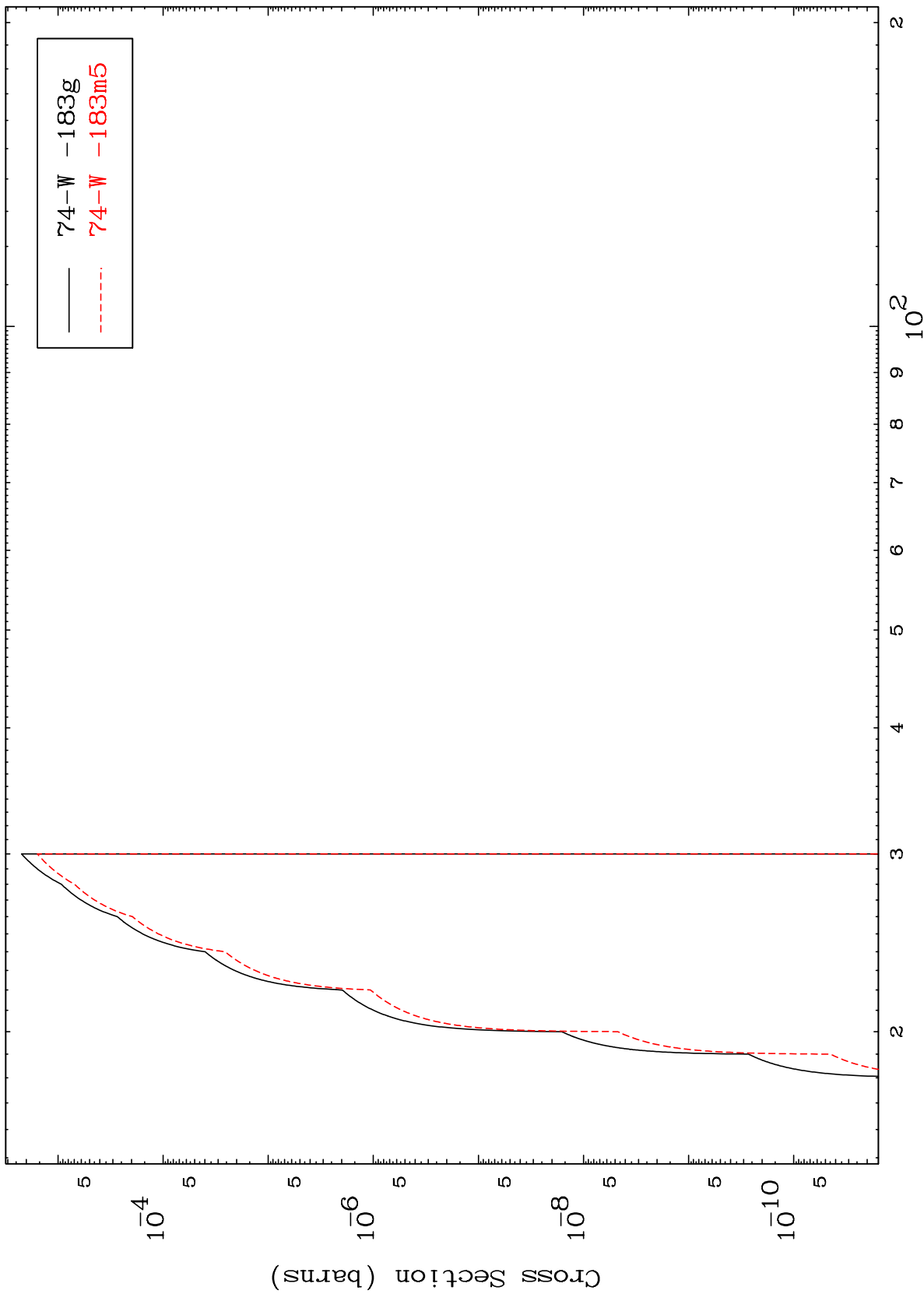
⁷³Ta-181

(α, n') α

Radionuclide Production Cross Section



(α, n') p
Radionuclide Production Cross Section

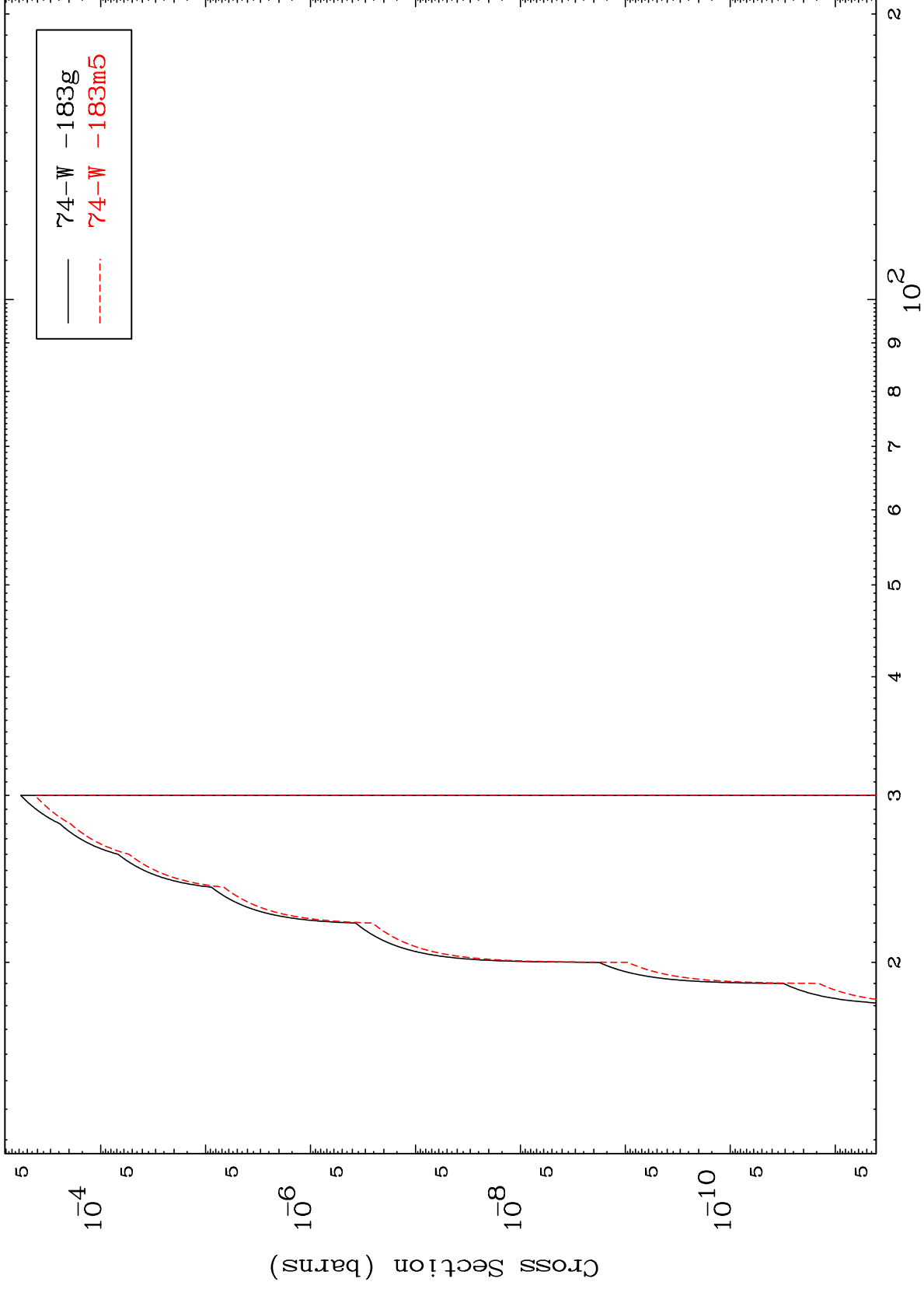


MAT 7328

(α, d)

$^{73}\text{Ta-181}$

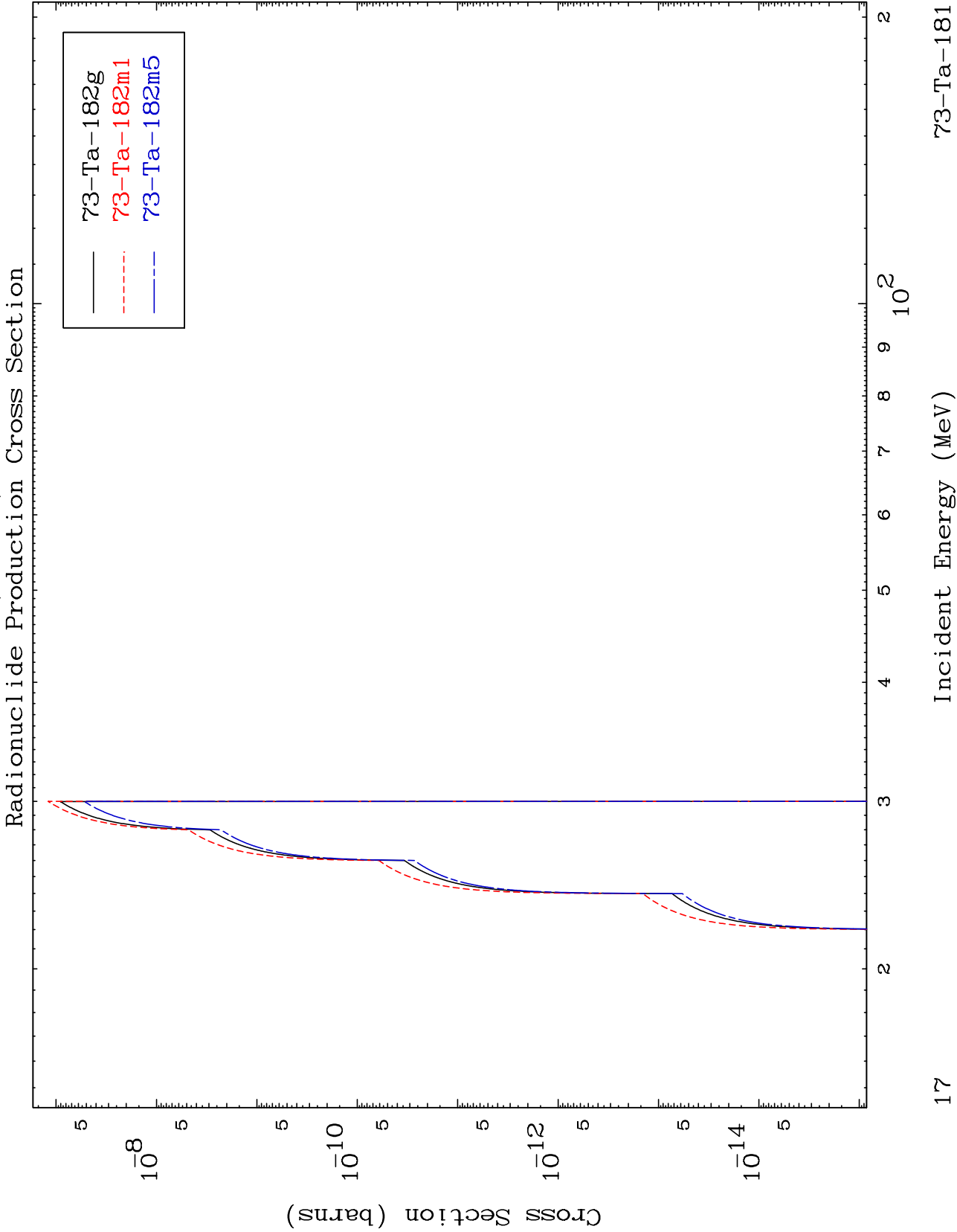
Radionuclide Production Cross Section



16

Incident Energy (MeV)

$^{73}\text{Ta-181}$

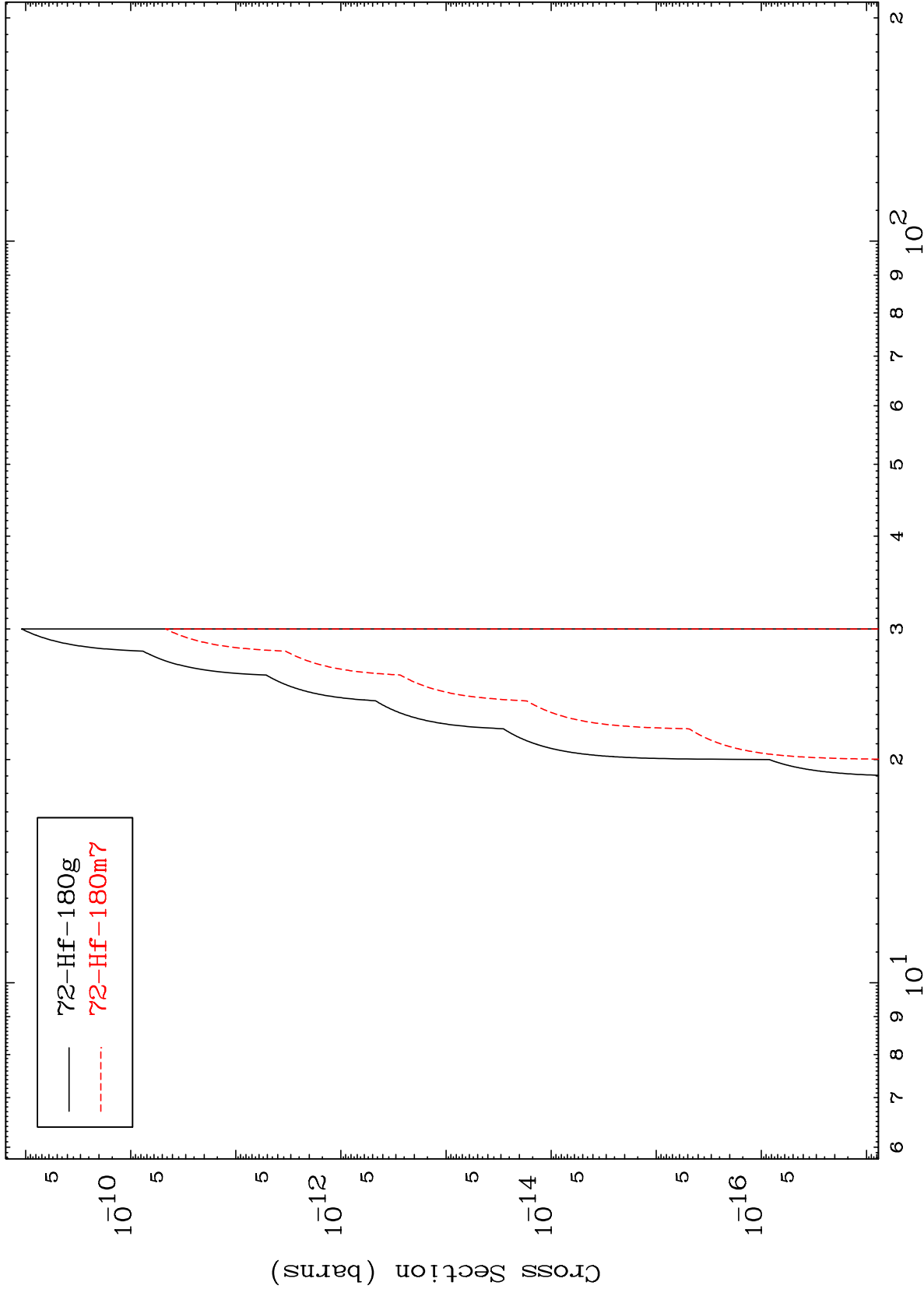


MAT 7328

⁷³Ta-181

(α, p) α

Radionuclide Production Cross Section



— 72-Hf-180g
- - - 72-Hf-180m7

18

Incident Energy (MeV)

⁷³Ta-181