

Program EVALPLOT
(Version 2021-1)

by

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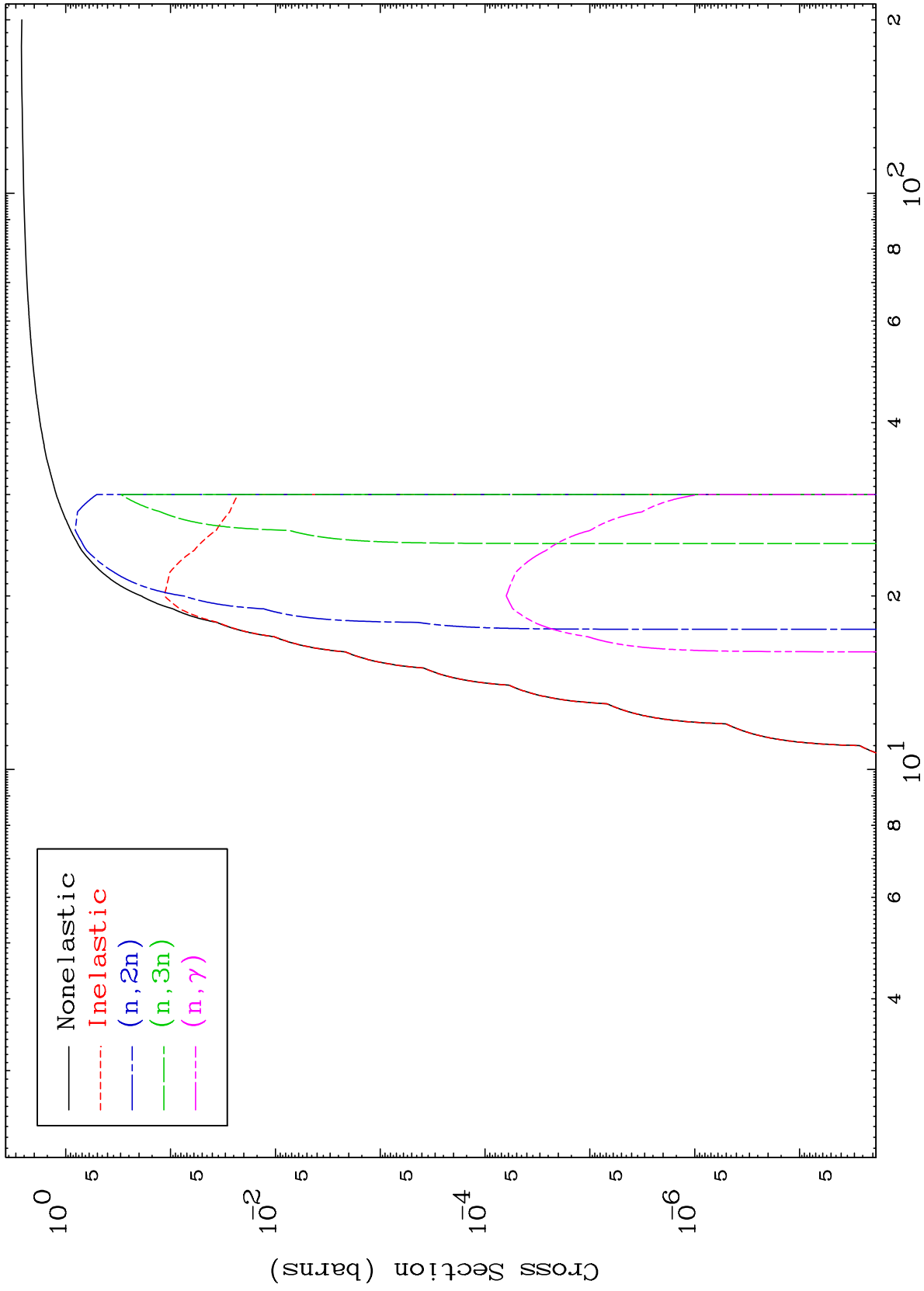
Press Mouse Button to Start

MAT 7326

0 Kelvin

Major Cross Sections

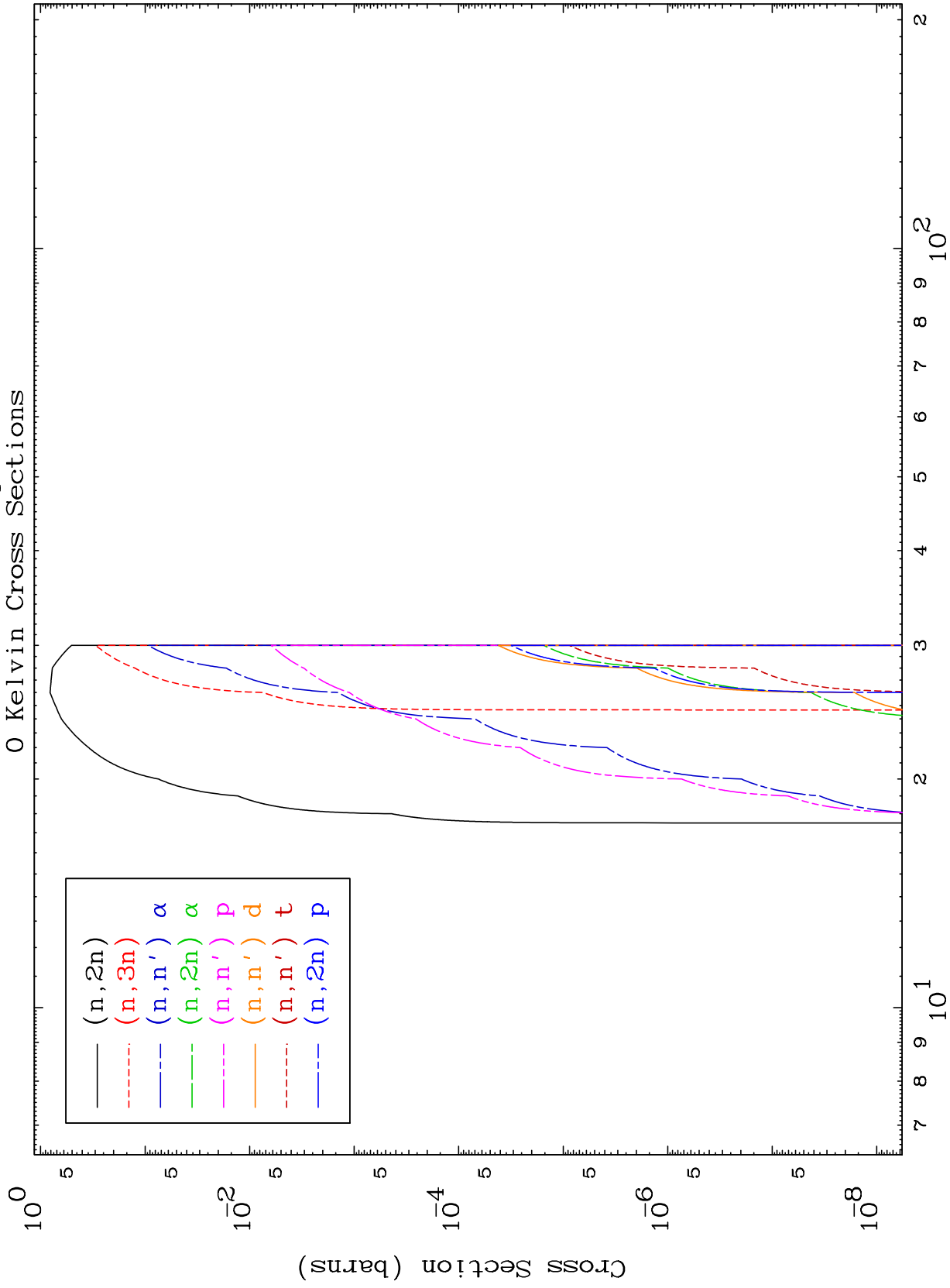
^{73}Ta -180m



MAT 7326

α Neutron Absorption
0 Kelvin Cross Sections

^{73}Ta -180m



2

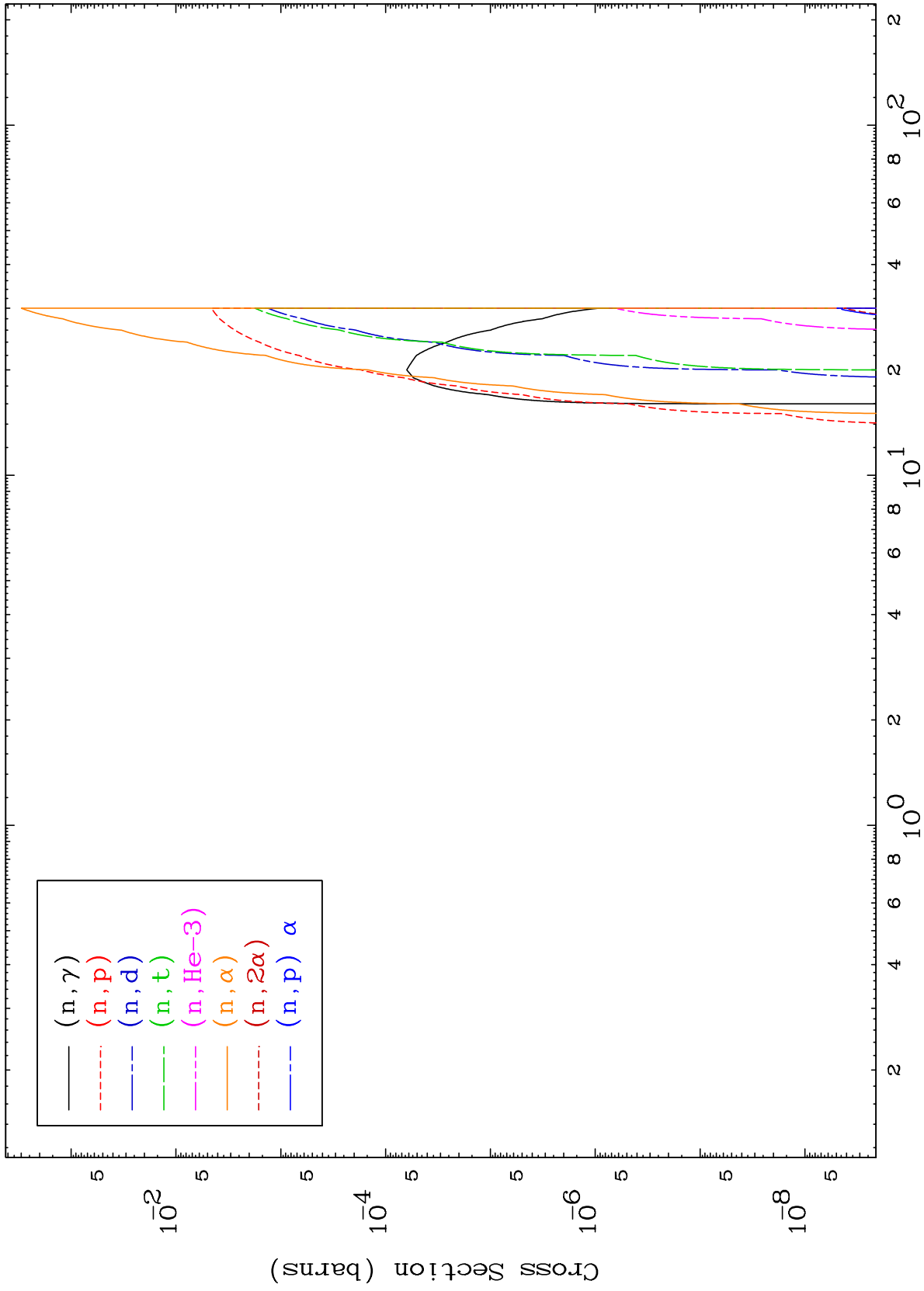
Incident Energy (MeV)

^{73}Ta -180m

MAT 7326

α Neutron Absorption
0 Kelvin Cross Sections

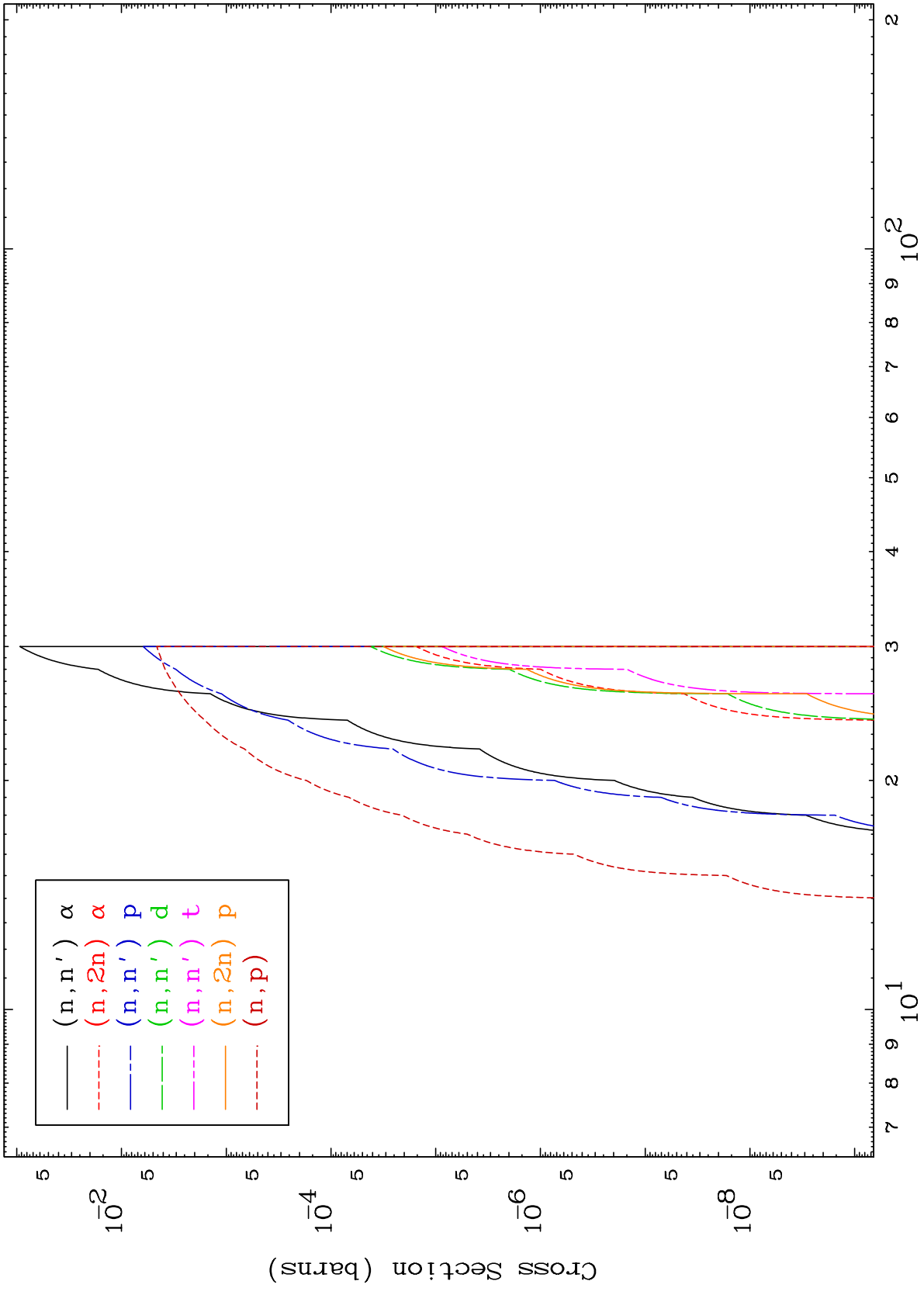
⁷³Ta-180m



3

Incident Energy (MeV)

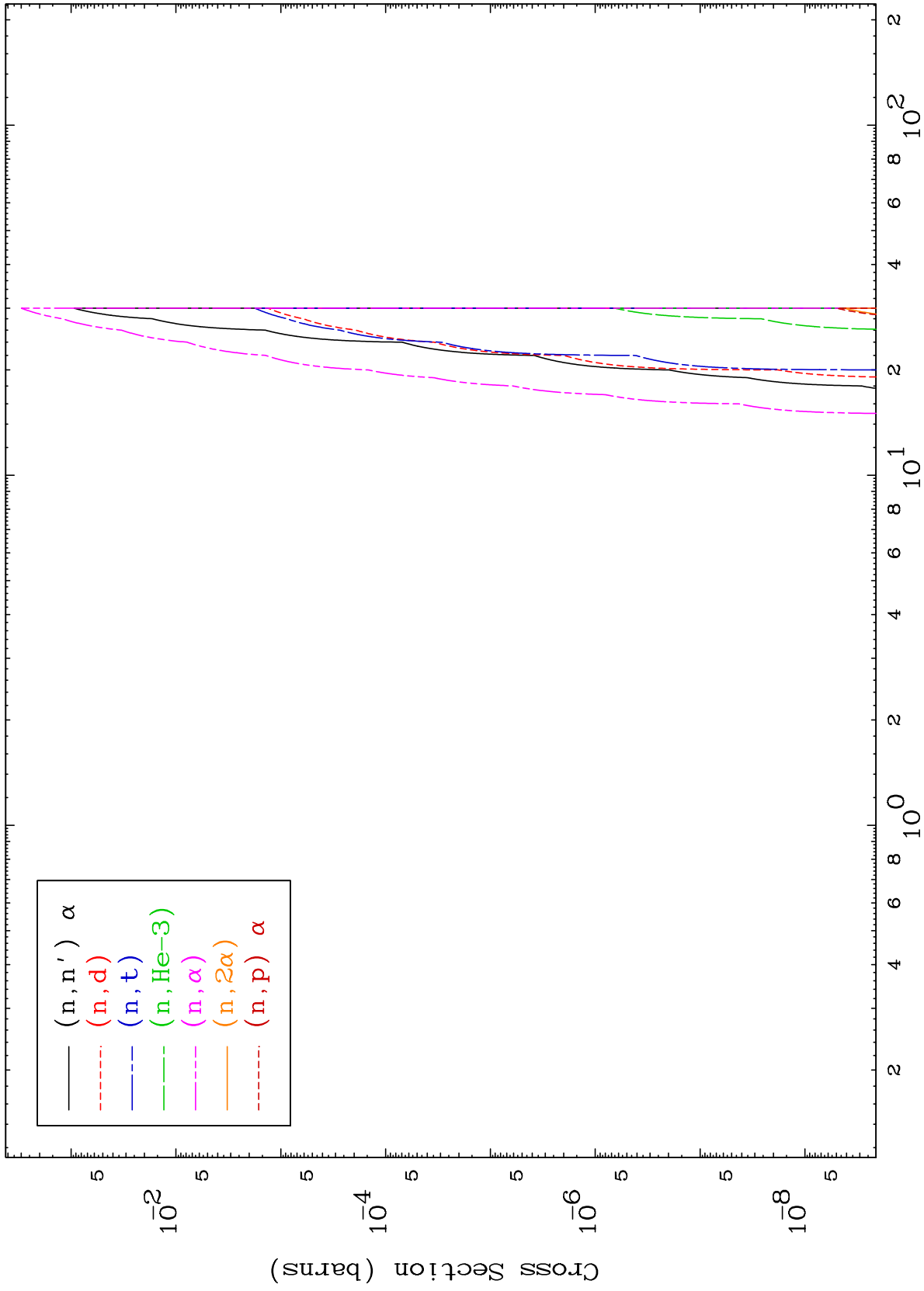
⁷³Ta-180m



MAT 7326

α Charged Particle
0 Kelvin Cross Sections

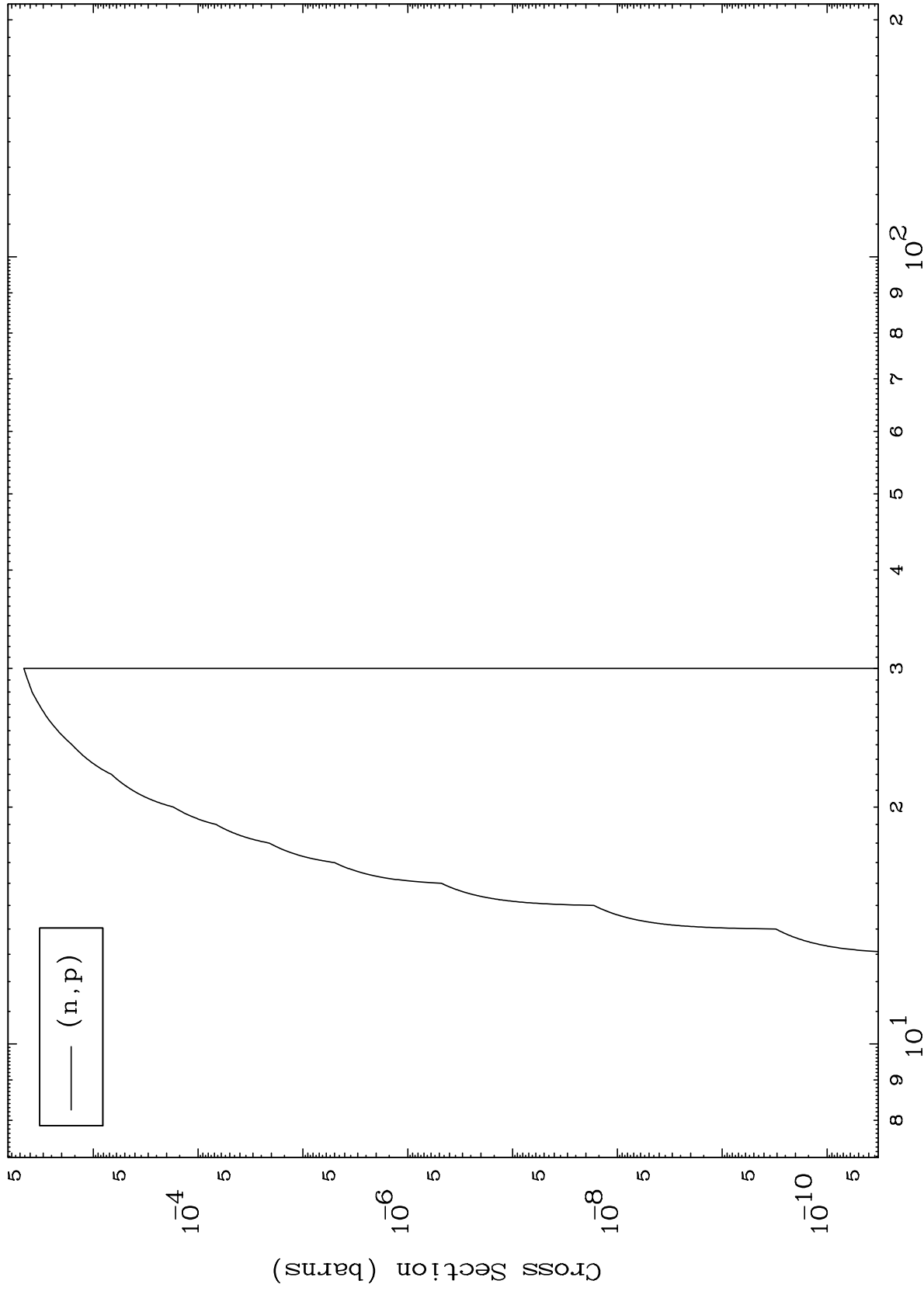
$^{73}\text{Ta-180m}$



MAT 7326

(α, p) Levels
0 Kelvin Cross Sections

^{73}Ta -180m



6

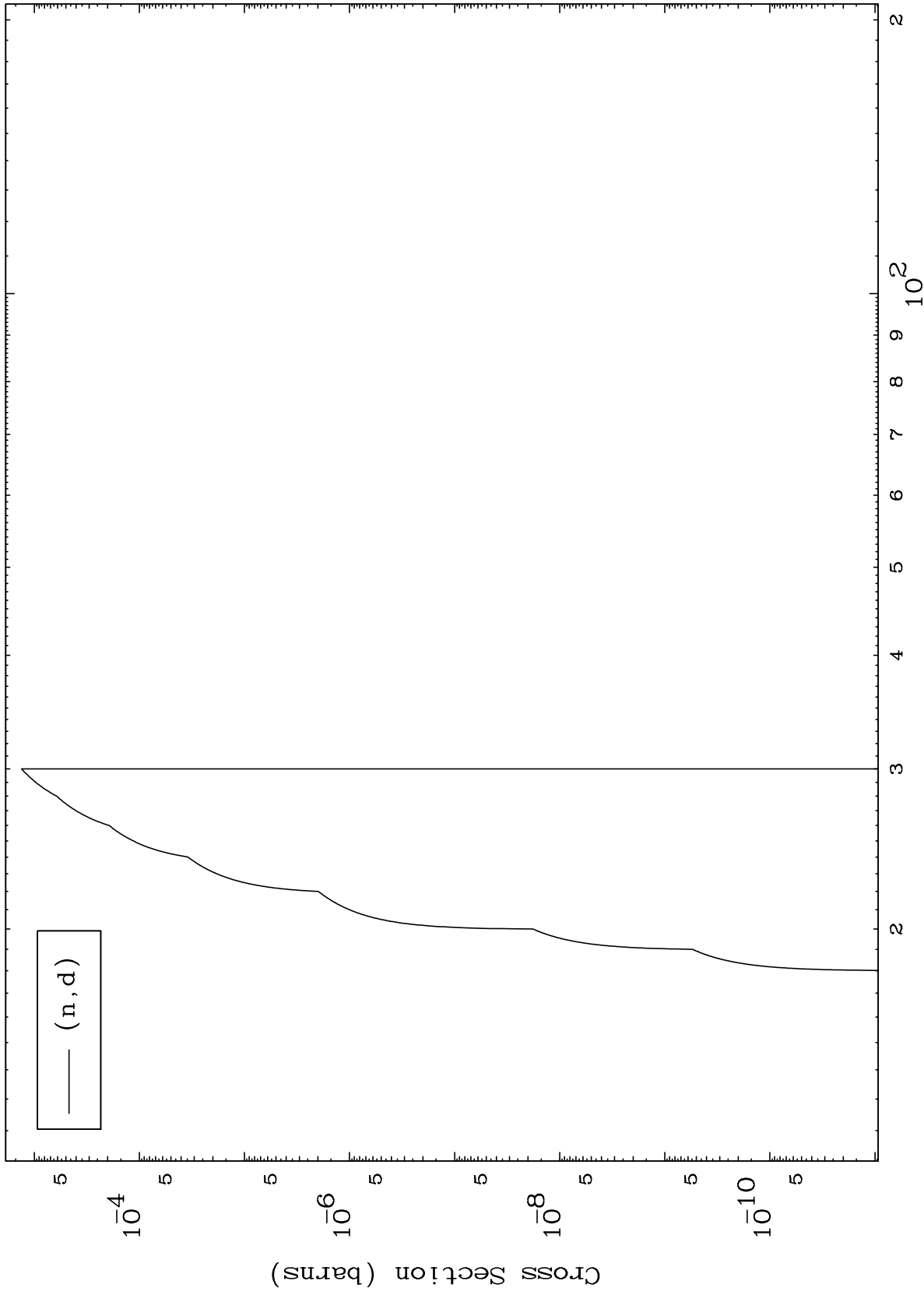
Incident Energy (MeV)

^{73}Ta -180m

MAT 7326

(α, d) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-180m}$



7

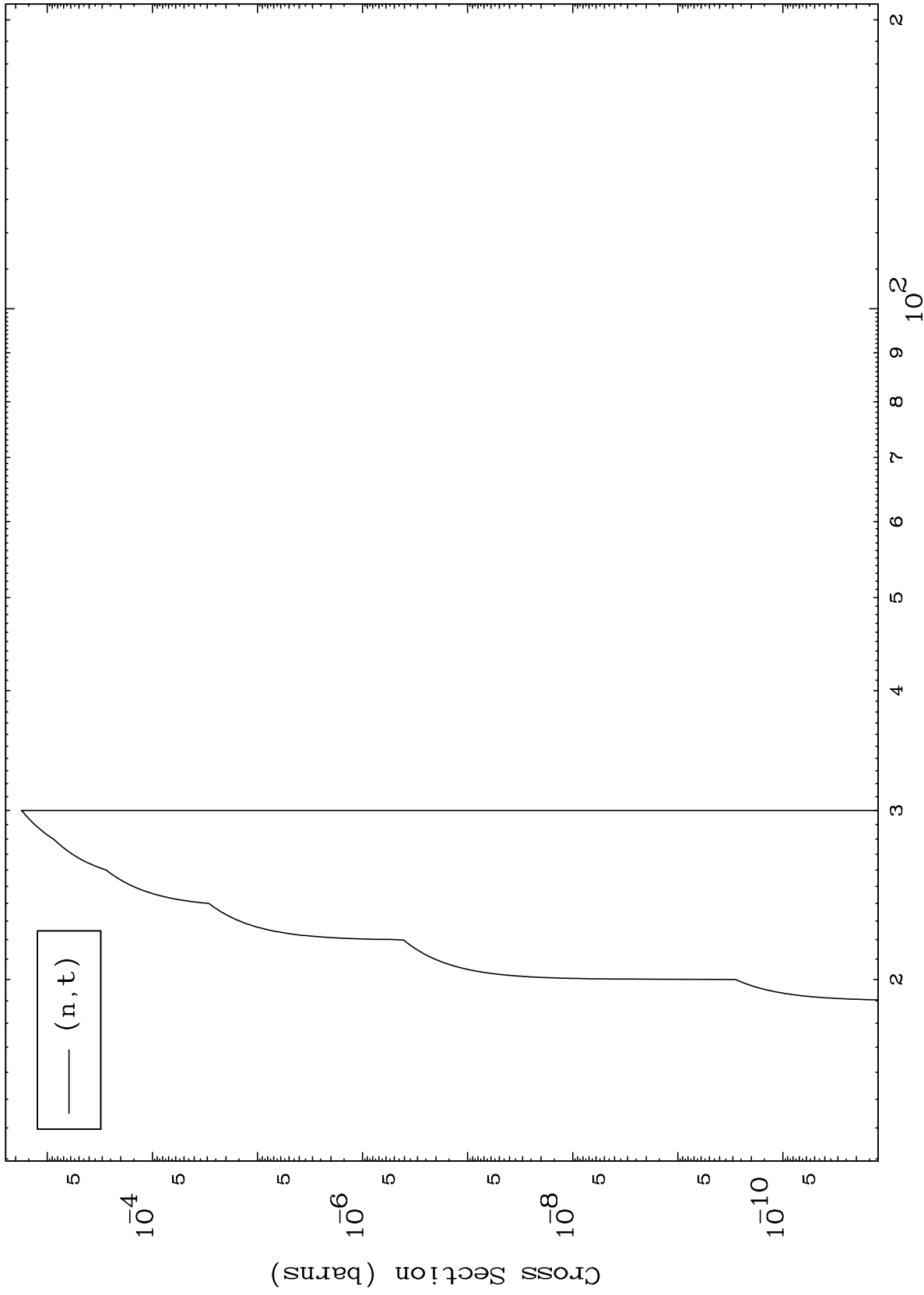
Incident Energy (MeV)

$^{73}\text{Ta-180m}$

MAT 7326

(α, t) Levels
0 Kelvin Cross Sections

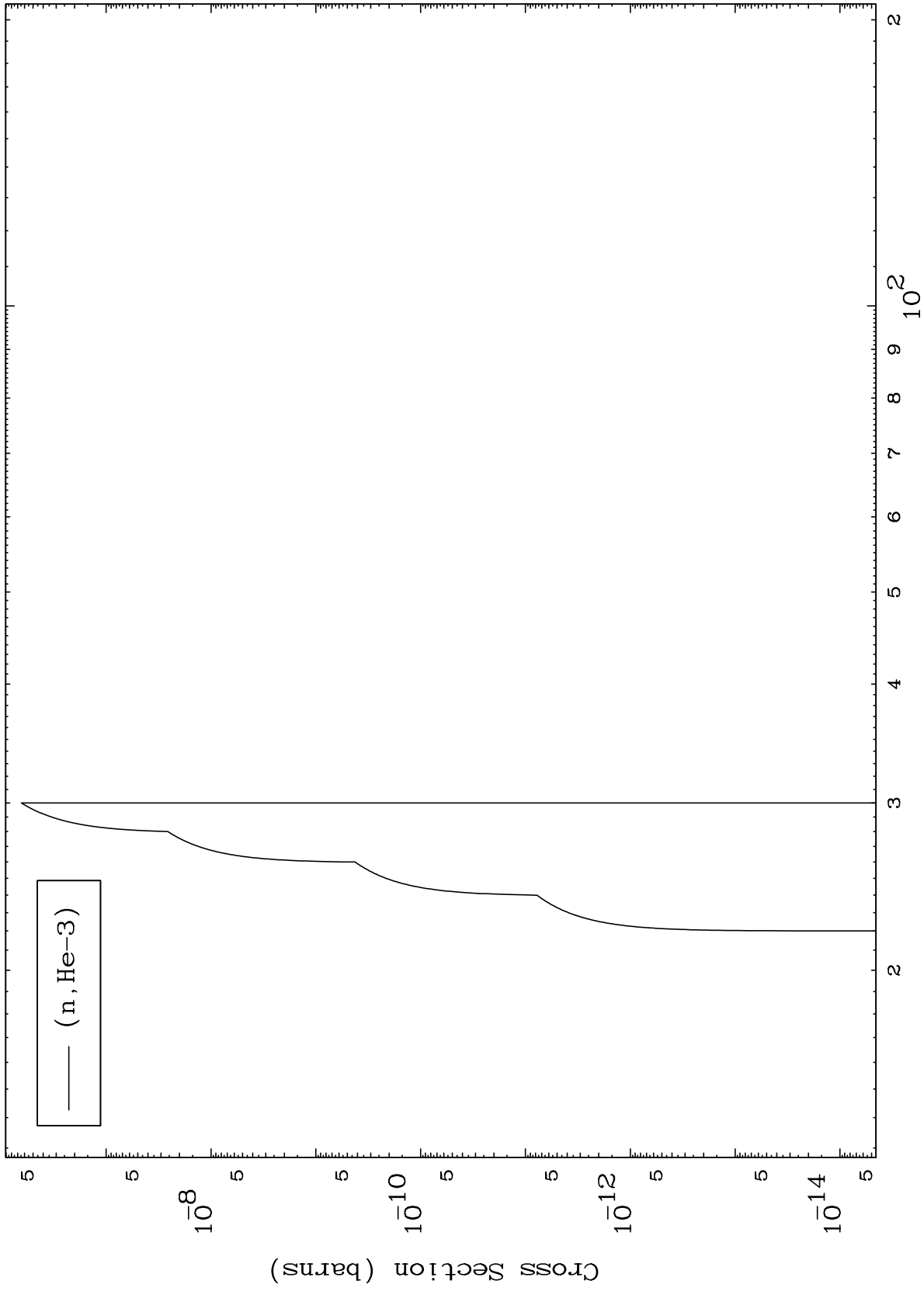
⁷³Ta-180m



MAT 7326

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

$^{73}\text{Ta-180m}$



9

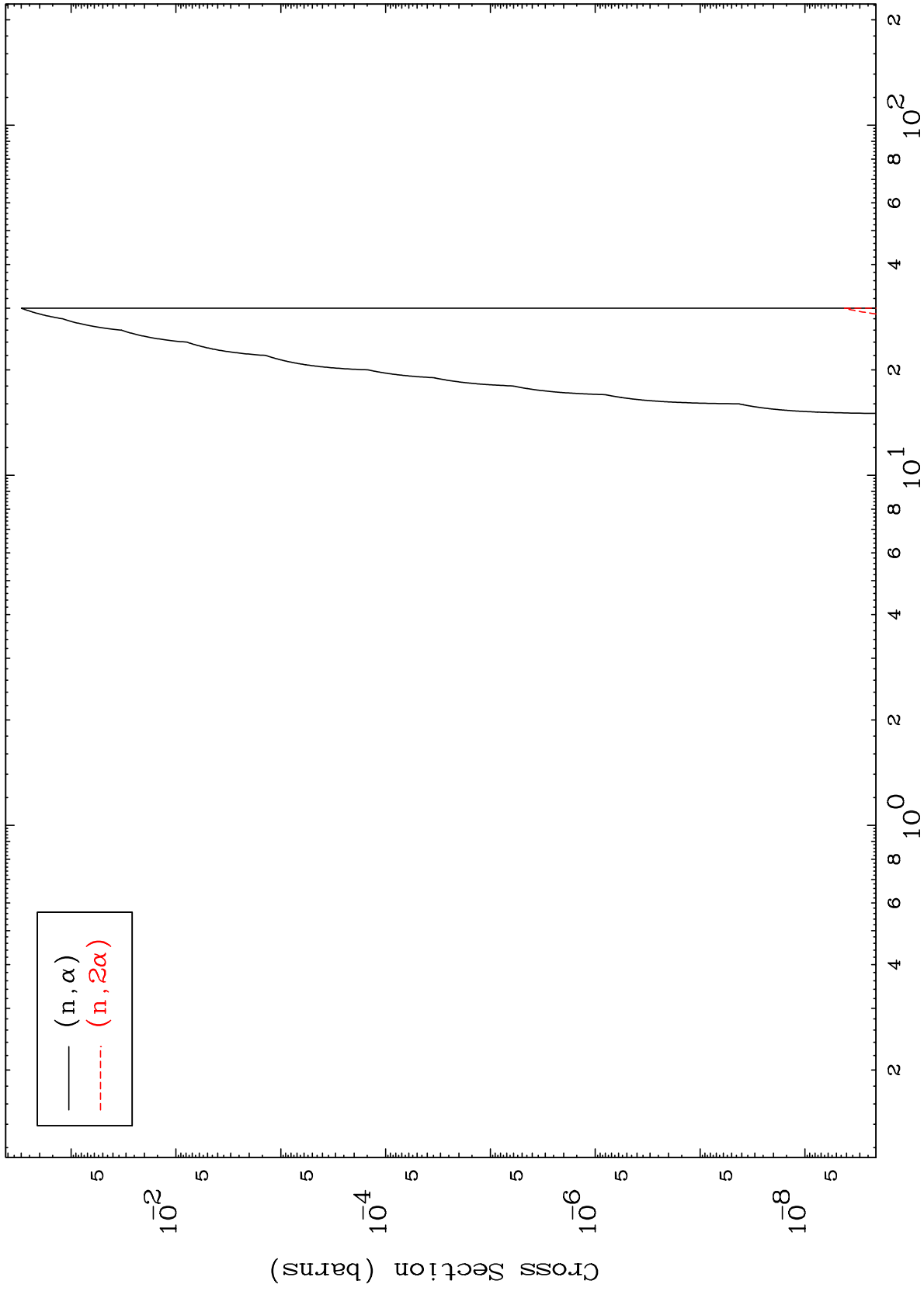
Incident Energy (MeV)

$^{73}\text{Ta-180m}$

MAT 7326

(α, α) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-180m}$



10

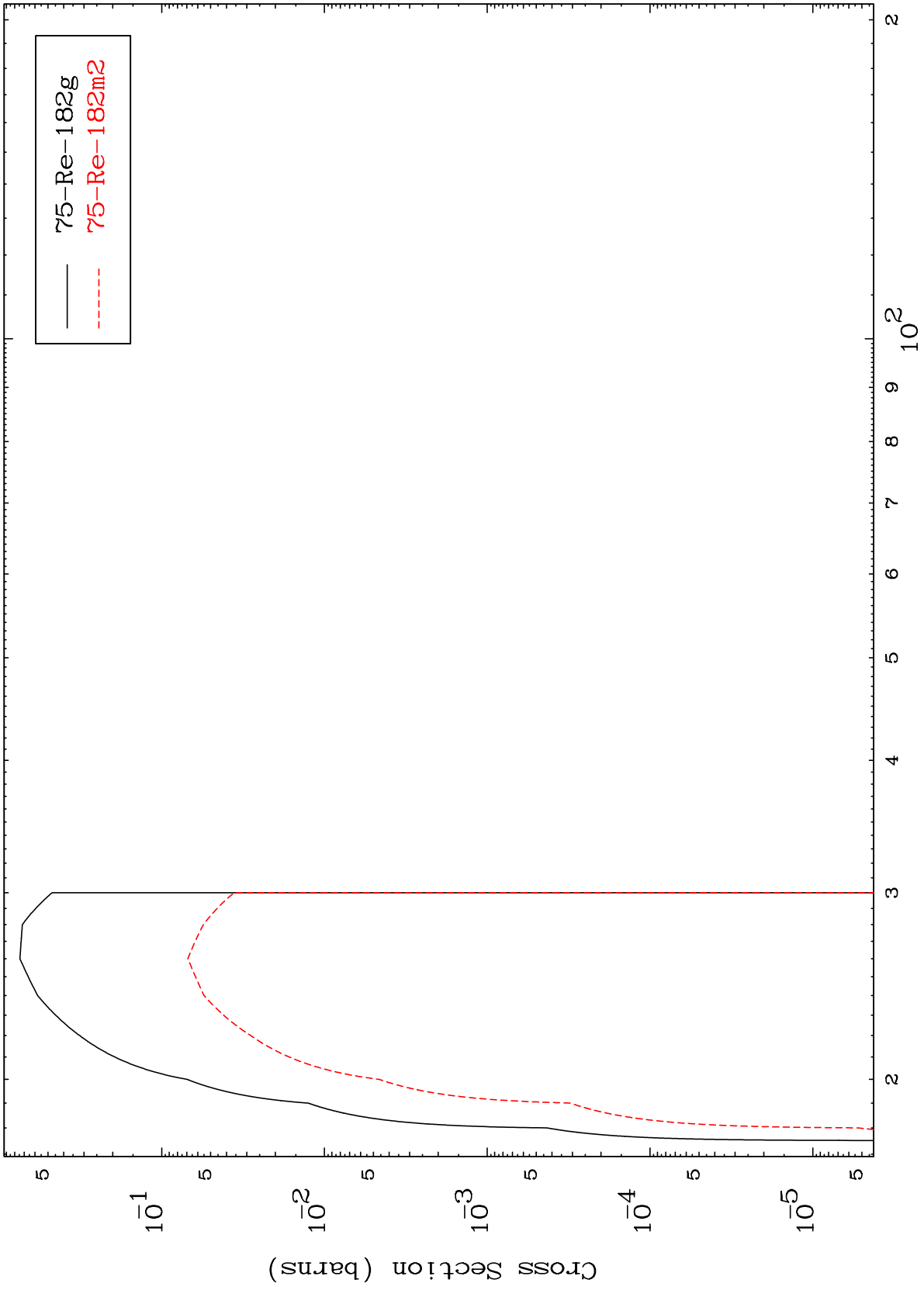
Incident Energy (MeV)

$^{73}\text{Ta-180m}$

MAT 7326

⁷³Ta-180m

(n,2n)
Radionuclide Production Cross Section



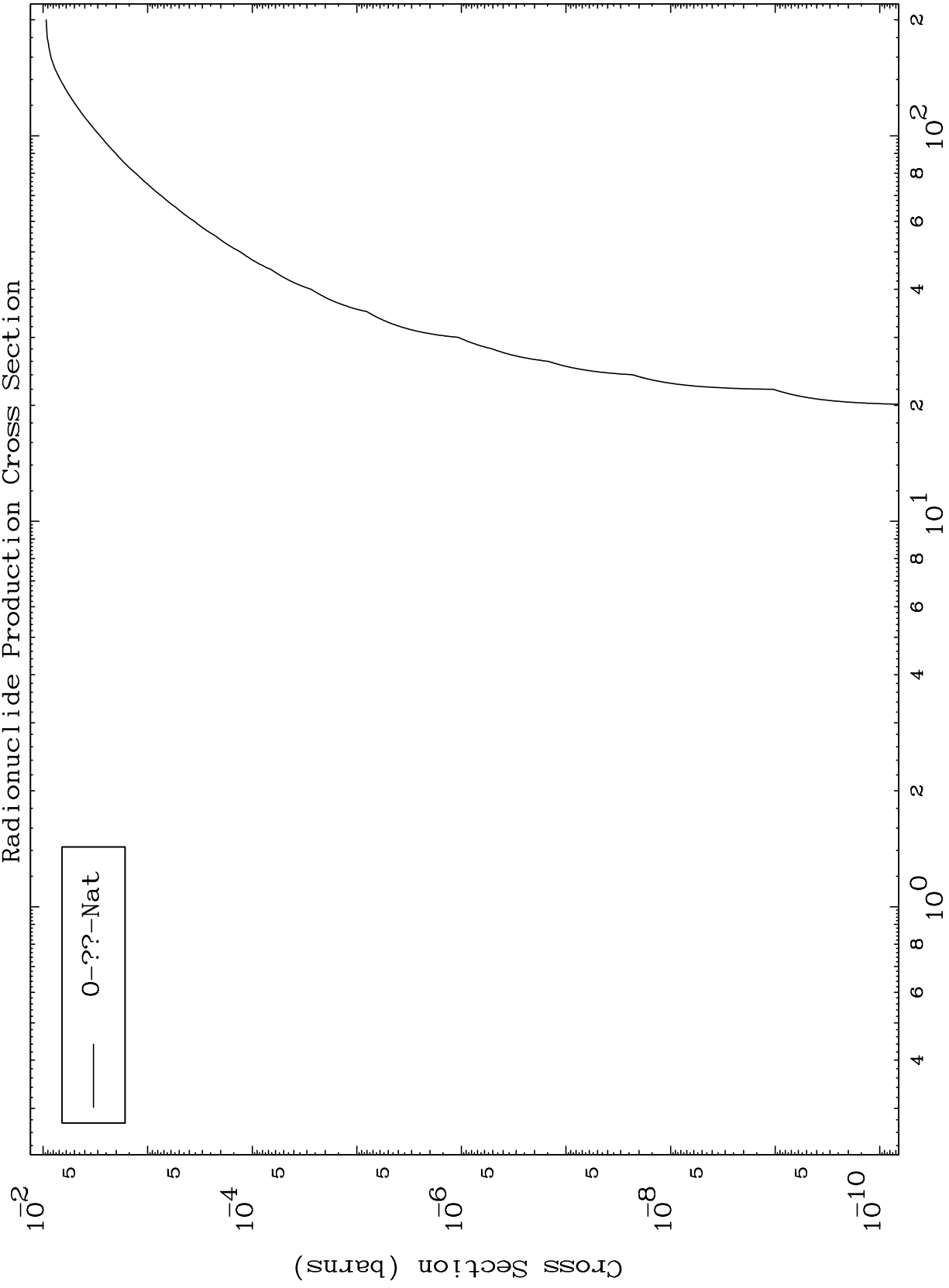
11

⁷³Ta-180m

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Fission
Radionuclide Production Cross Section

⁷³Ta-180m



12

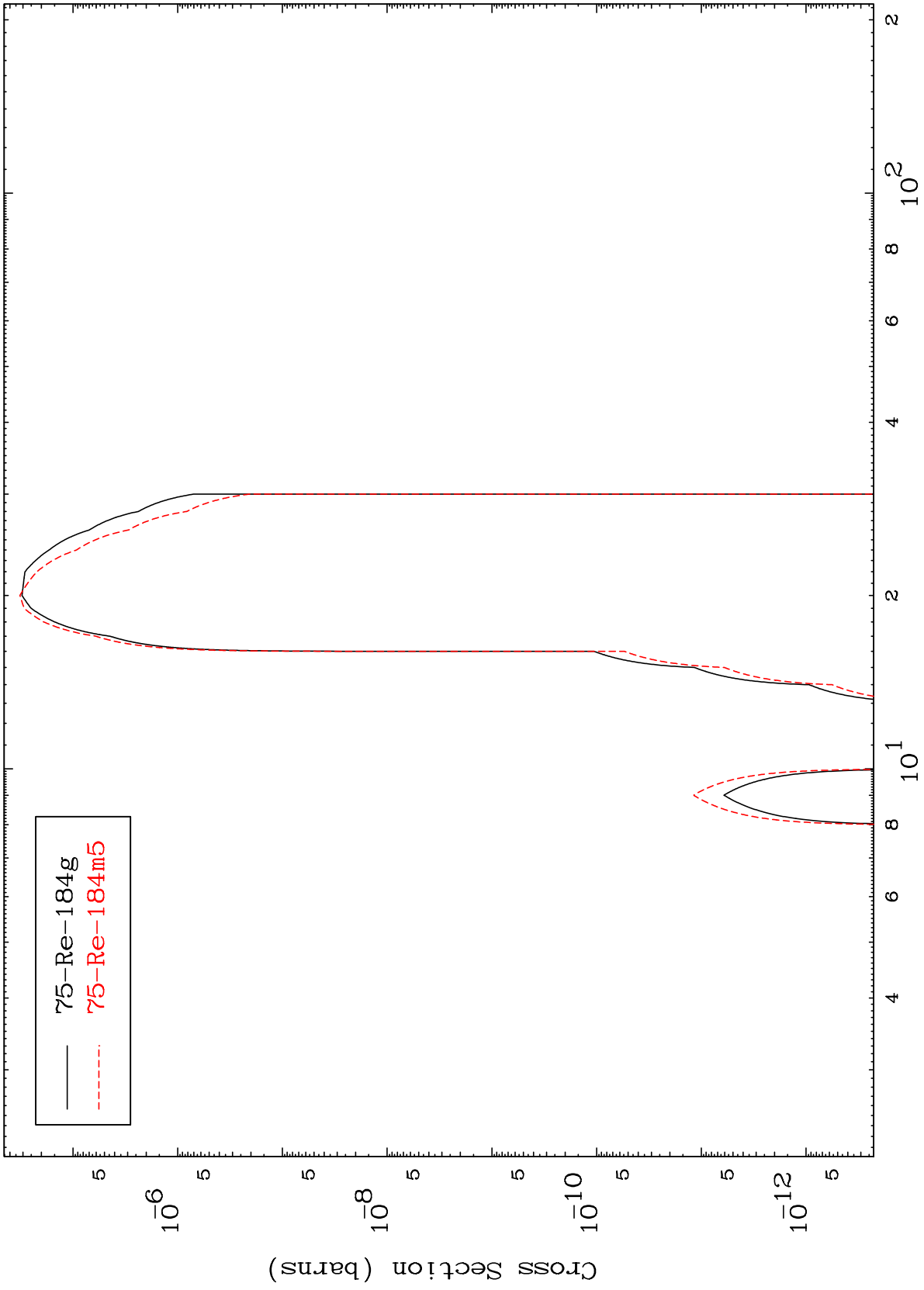
Incident Energy (MeV)

⁷³Ta-180m

MAT 7326

⁷³Ta-180m

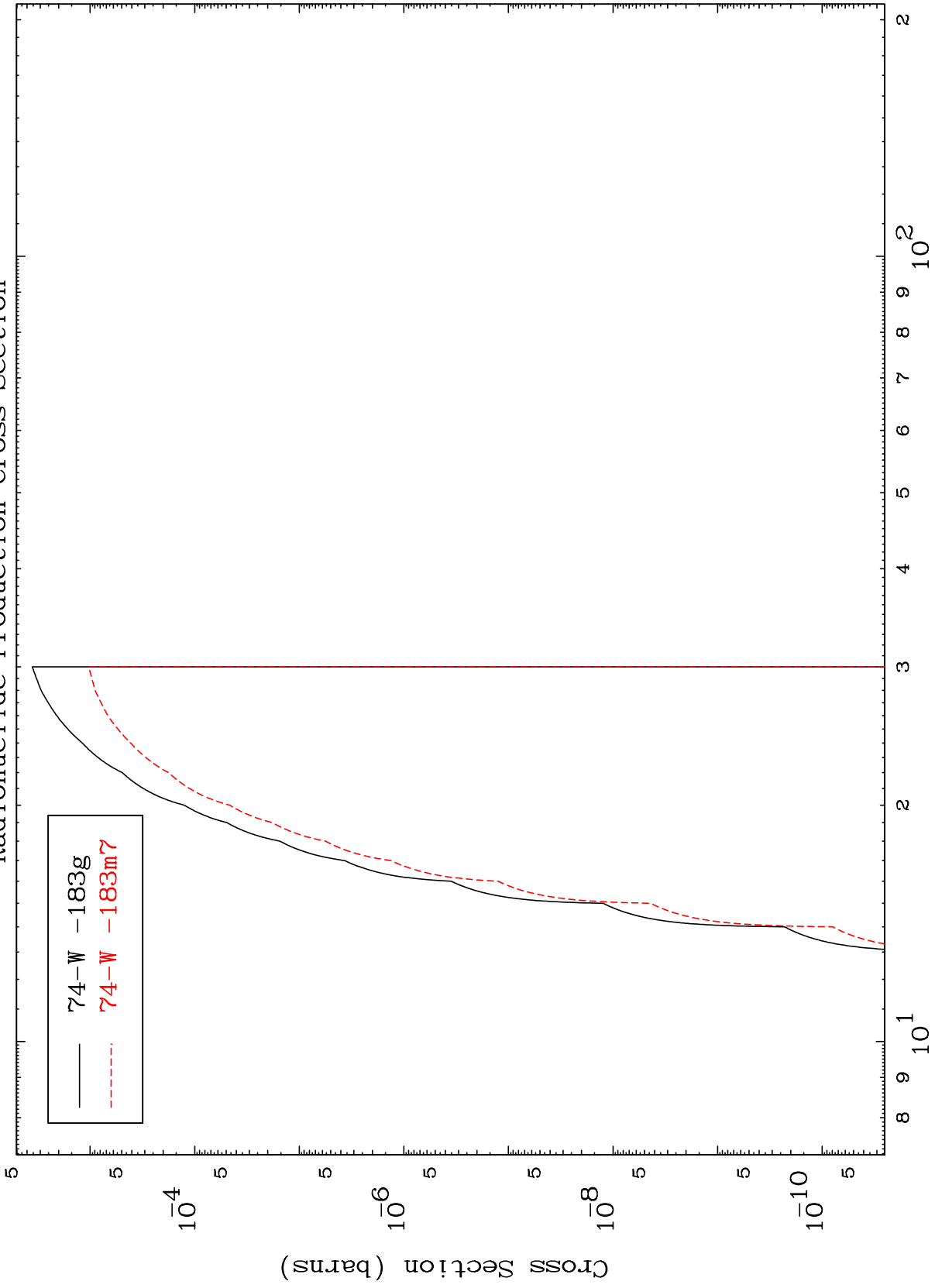
Radionuclide Production Cross Section



MAT 7326

73-Ta-180m

Radionuclide Production Cross Section
(n,p)



14

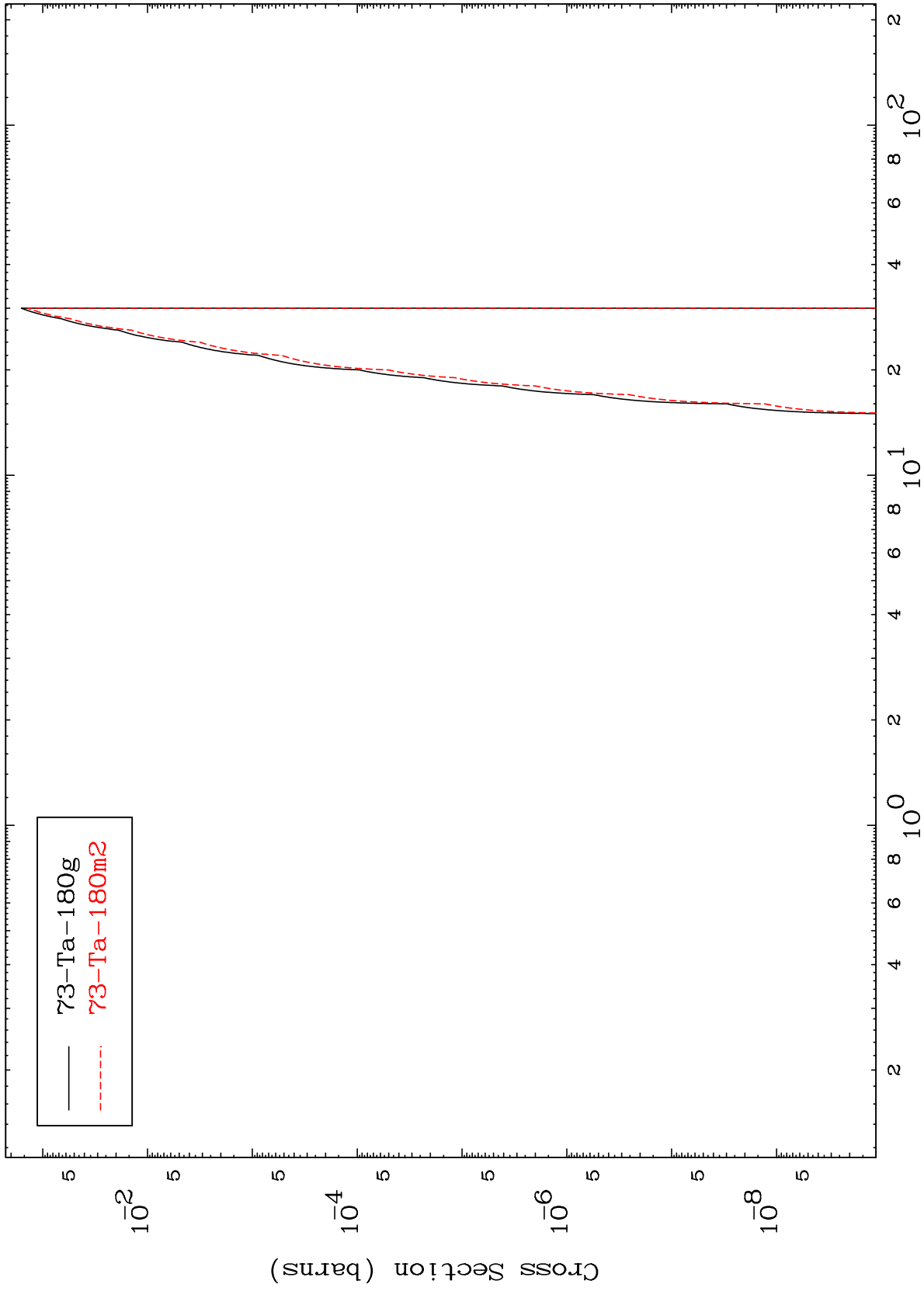
Incident Energy (MeV)

73-Ta-180m

MAT 7326

⁷³Ta-180m

Radionuclide Production Cross Section



15

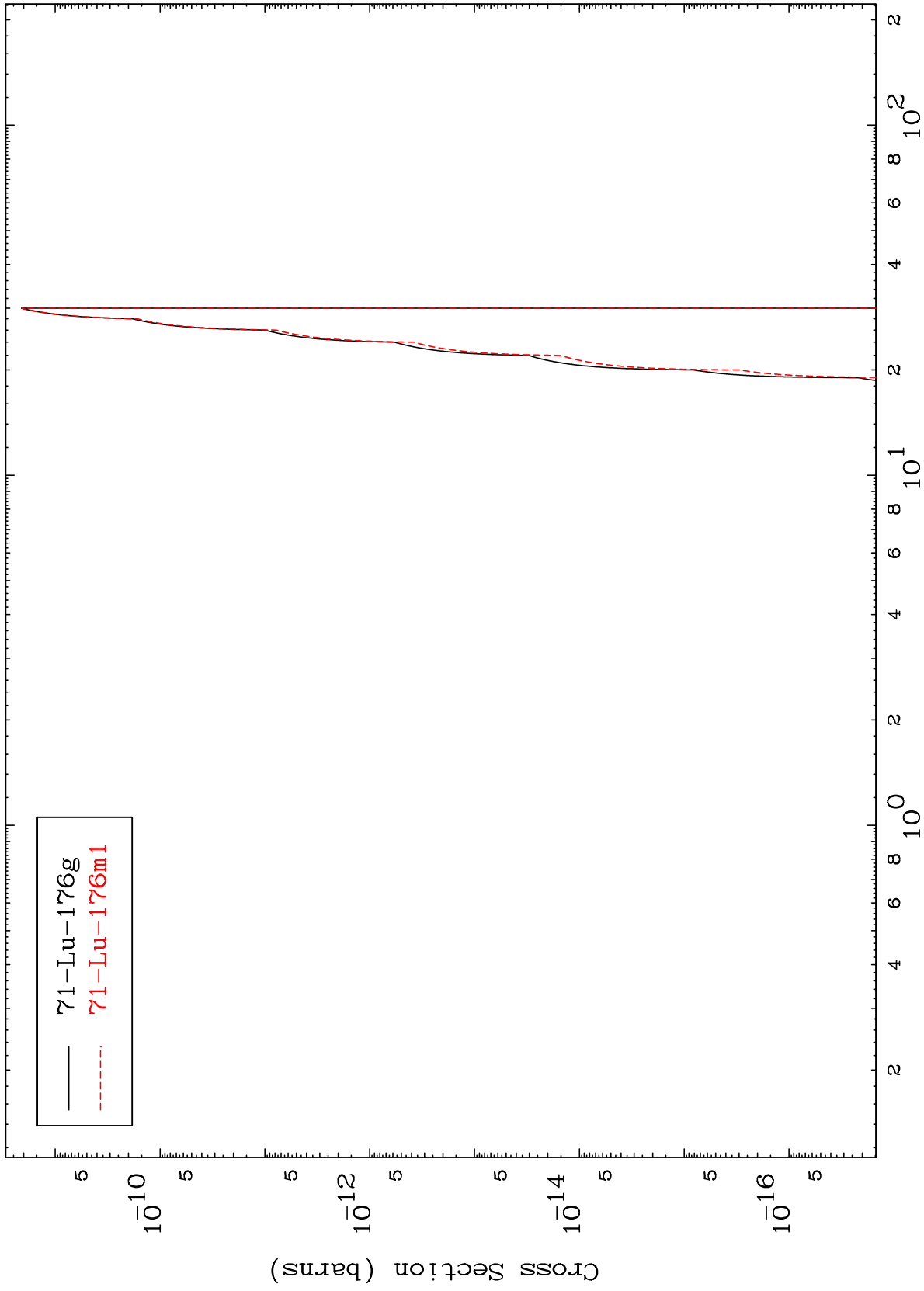
⁷³Ta-180m

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(n, 2α)

⁷³Ta-180m

Radionuclide Production Cross Section



16

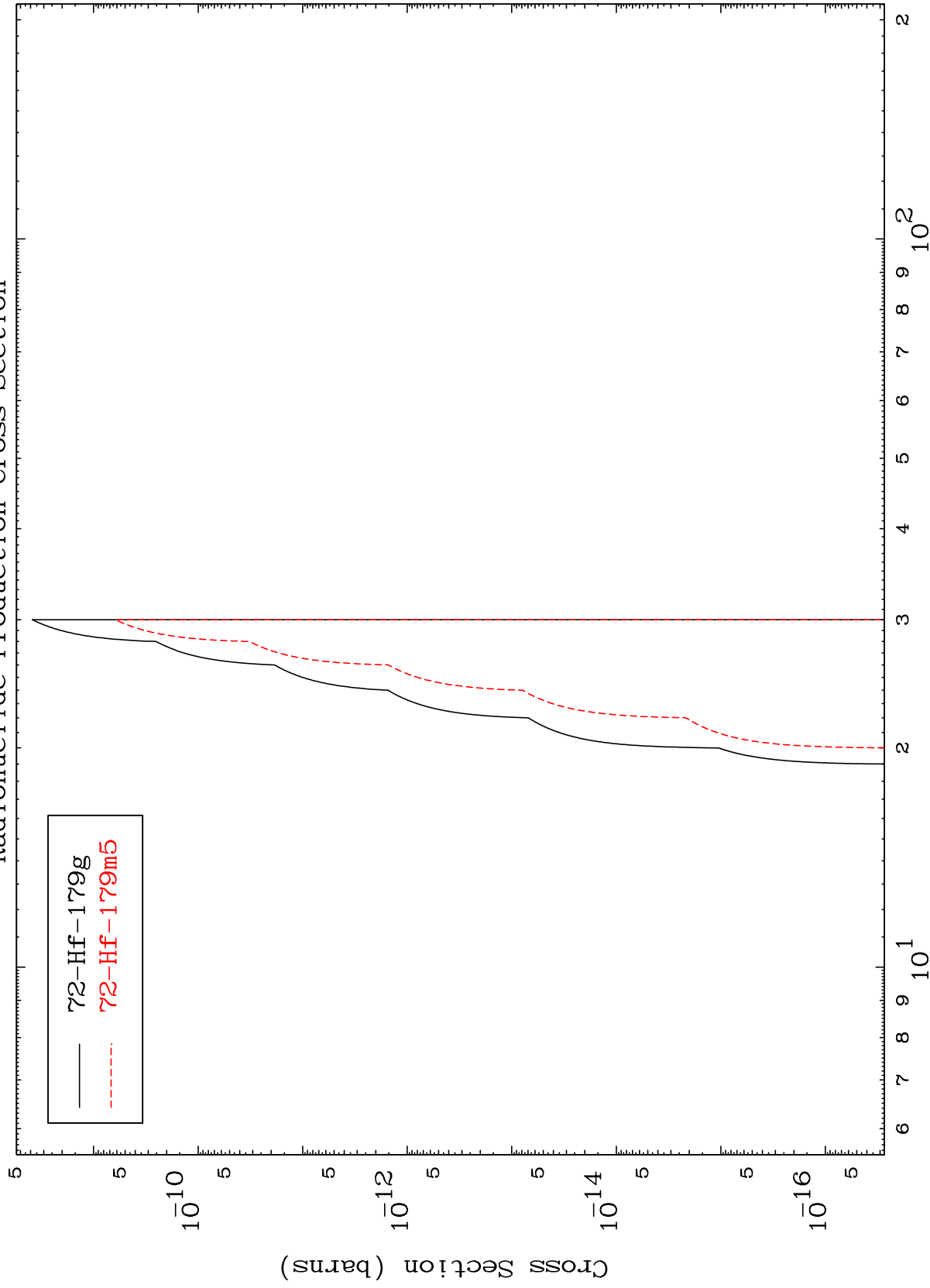
Incident Energy (MeV)

⁷³Ta-180m

MAT 7326

$^{73}\text{Ta-180m}$

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



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Incident Energy (MeV)

$^{73}\text{Ta-180m}$