

Program EVALPLOT
(Version 2021-1)

by

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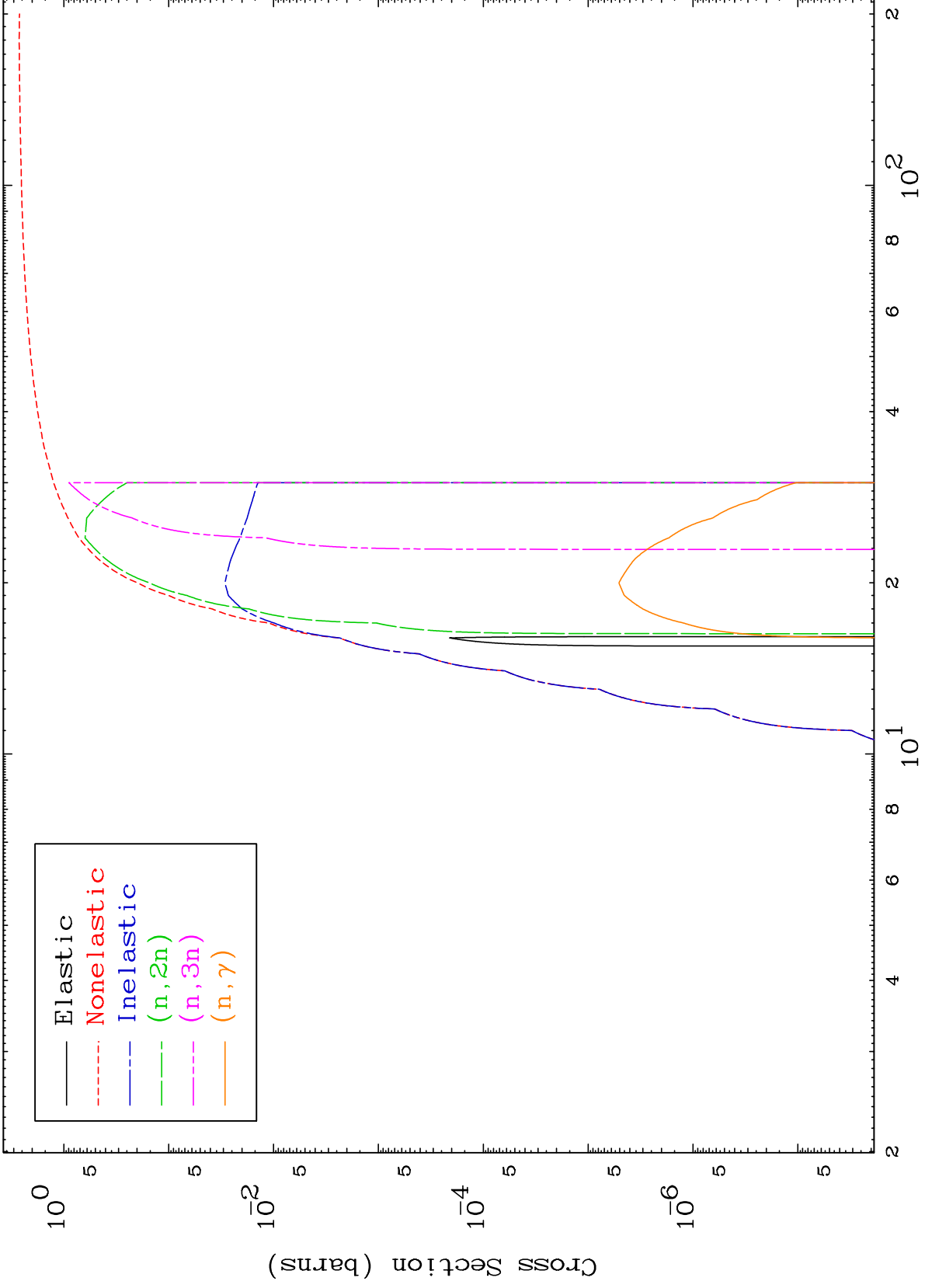
Press Mouse Button to Start

MAT 7331

0 Kelvin

Major Cross Sections

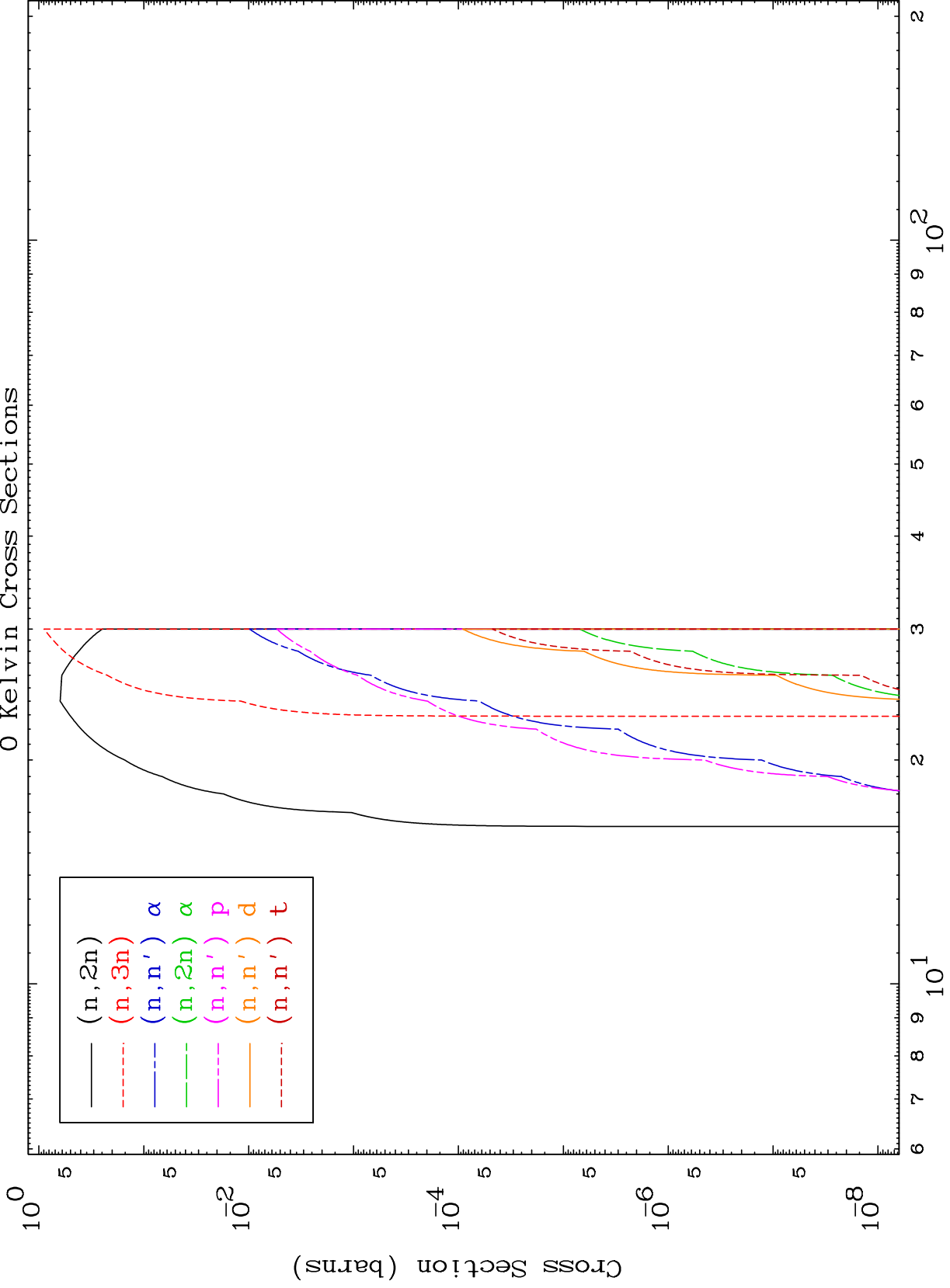
73-Ta-182



MAT 7331

α Neutron Absorption
0 Kelvin Cross Sections

73-Ta-182



2

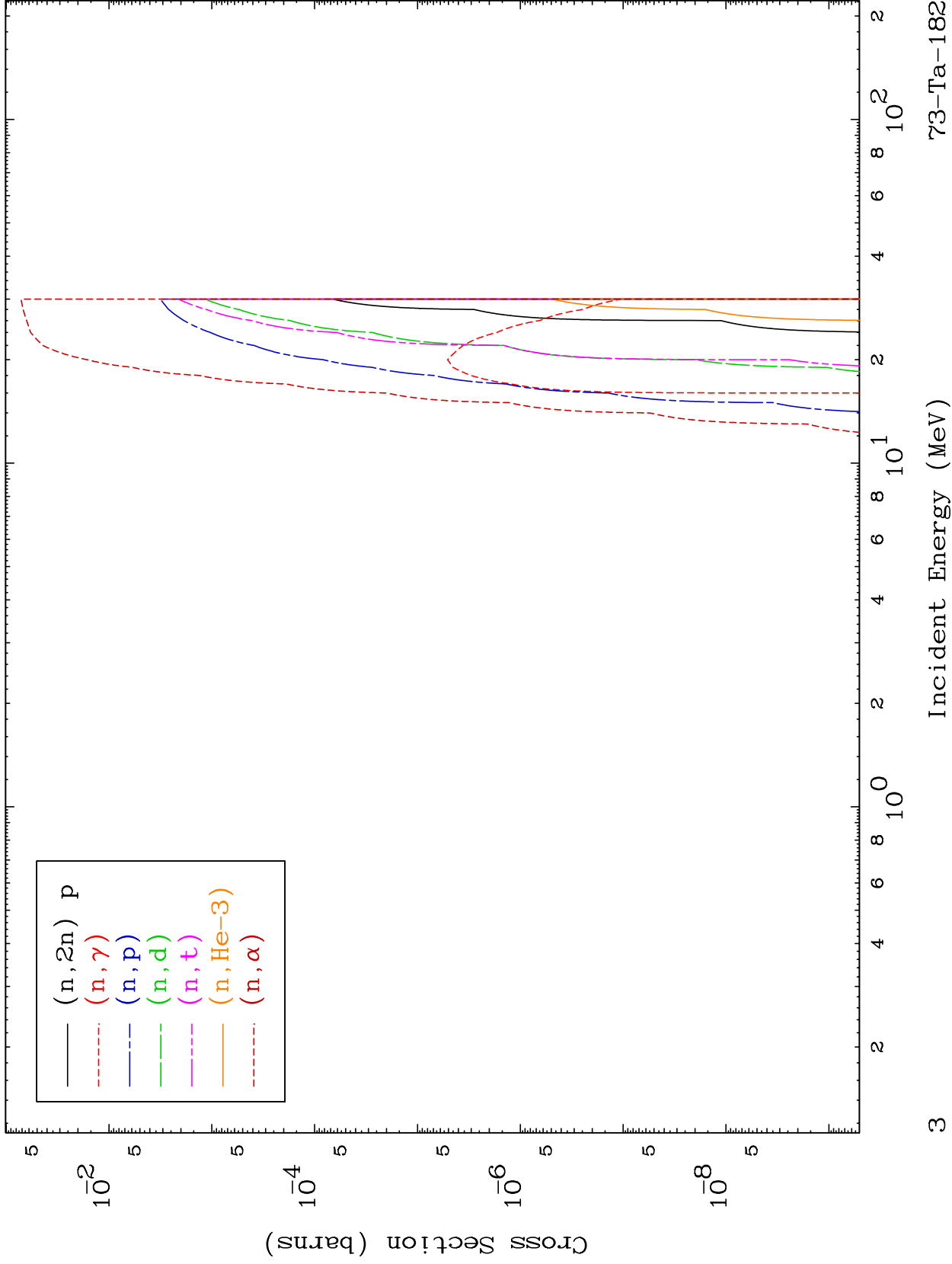
Incident Energy (MeV)

73-Ta-182

MAT 7331

α Neutron Absorption
0 Kelvin Cross Sections

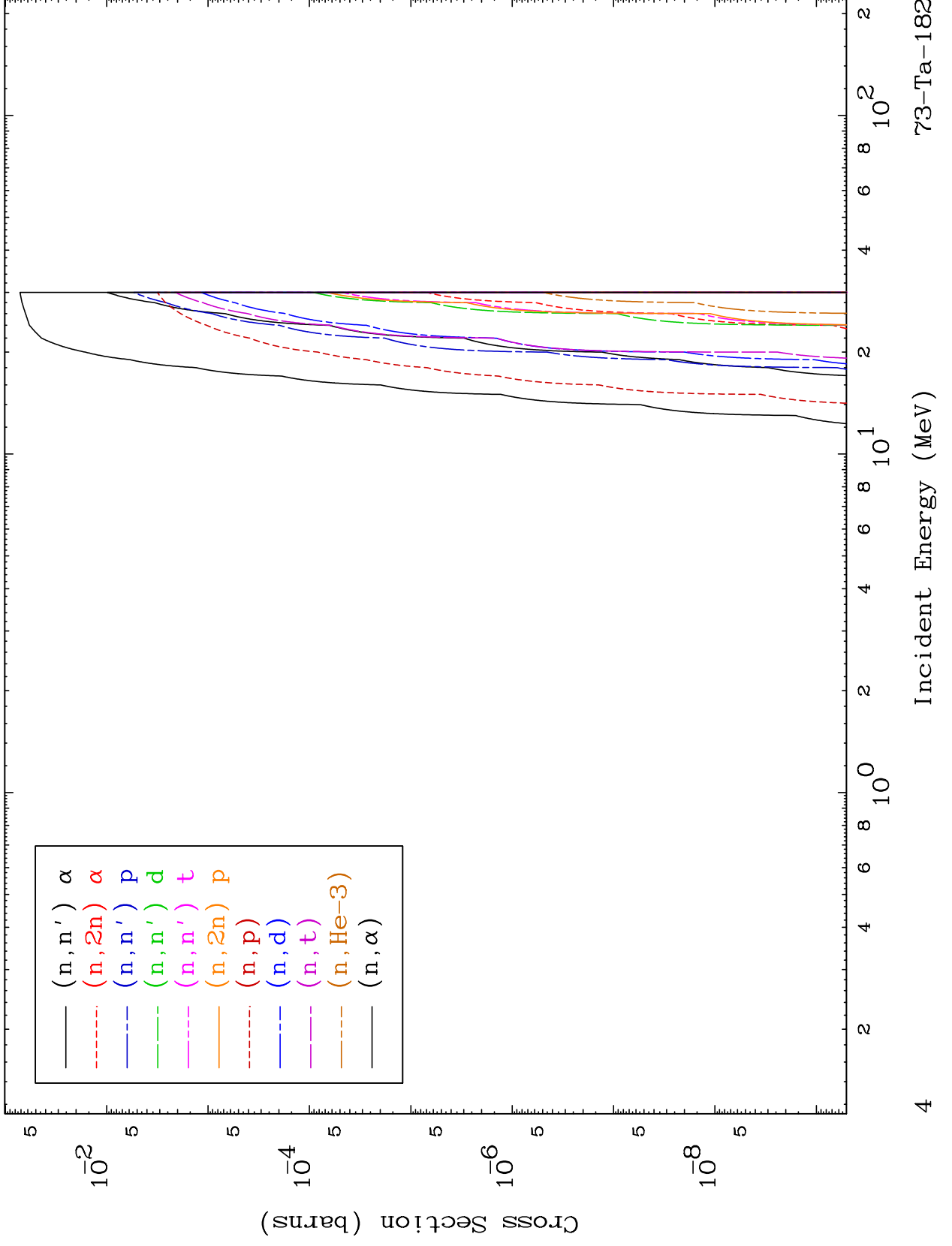
73-Ta-182



MAT 7331

α Charged Particle
0 Kelvin Cross Sections

73-Ta-182

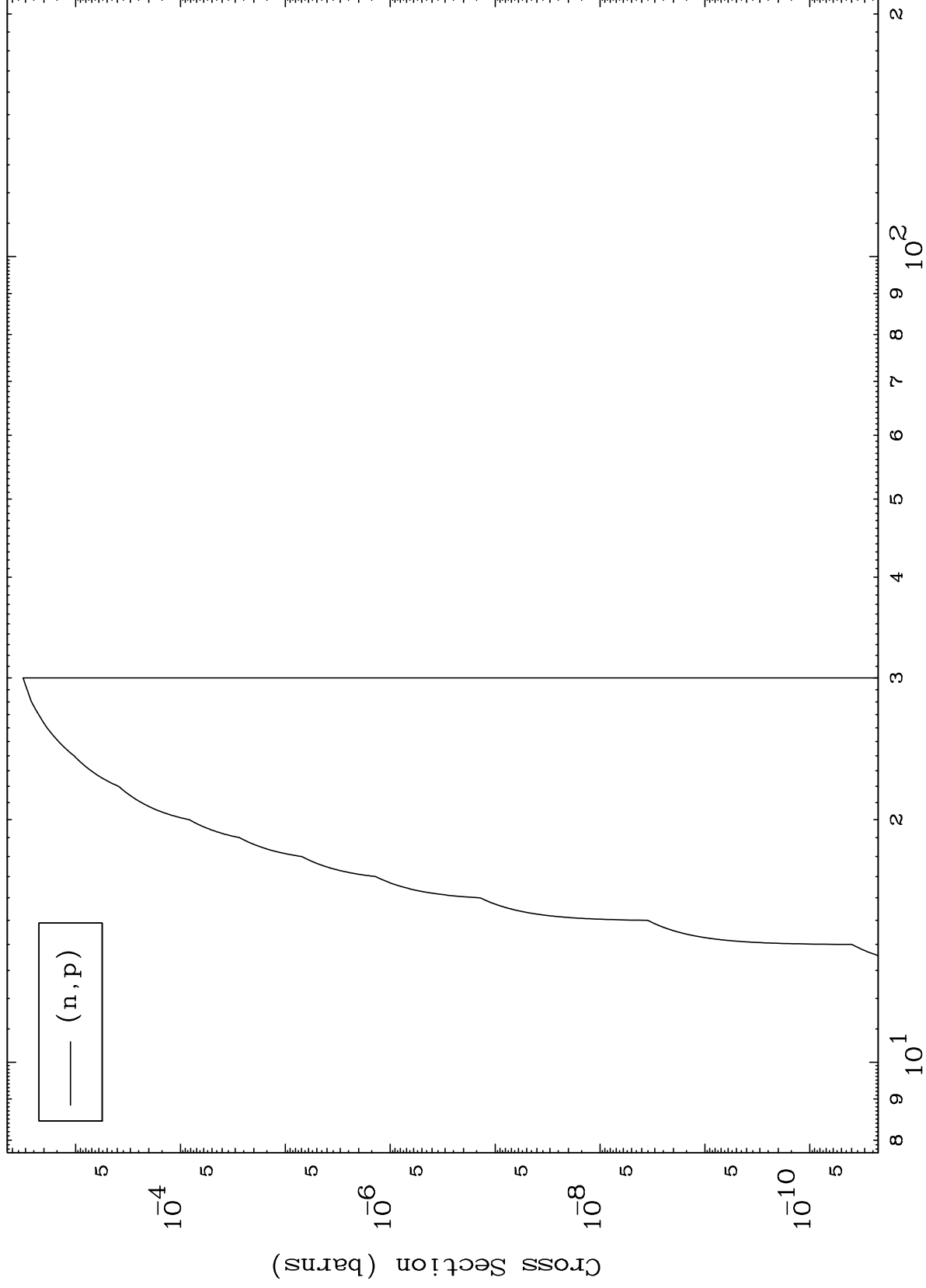


MAT 7331

(α, p) Levels

$^{73}\text{Ta-182}$

0 Kelvin Cross Sections



Incident Energy (MeV)

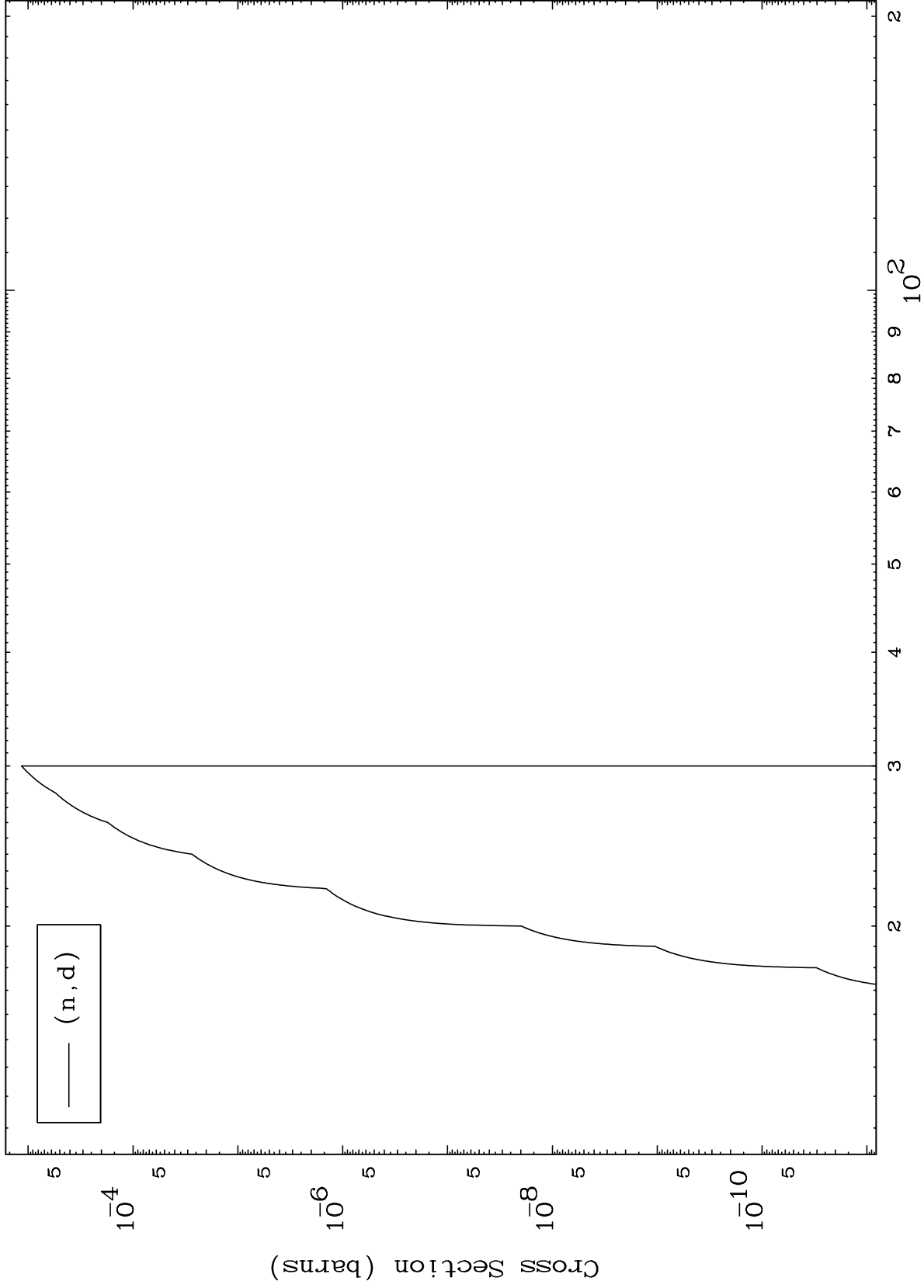
$^{73}\text{Ta-182}$

5

MAT 7331

(α, d) Levels
0 Kelvin Cross Sections

⁷³Ta-182



6

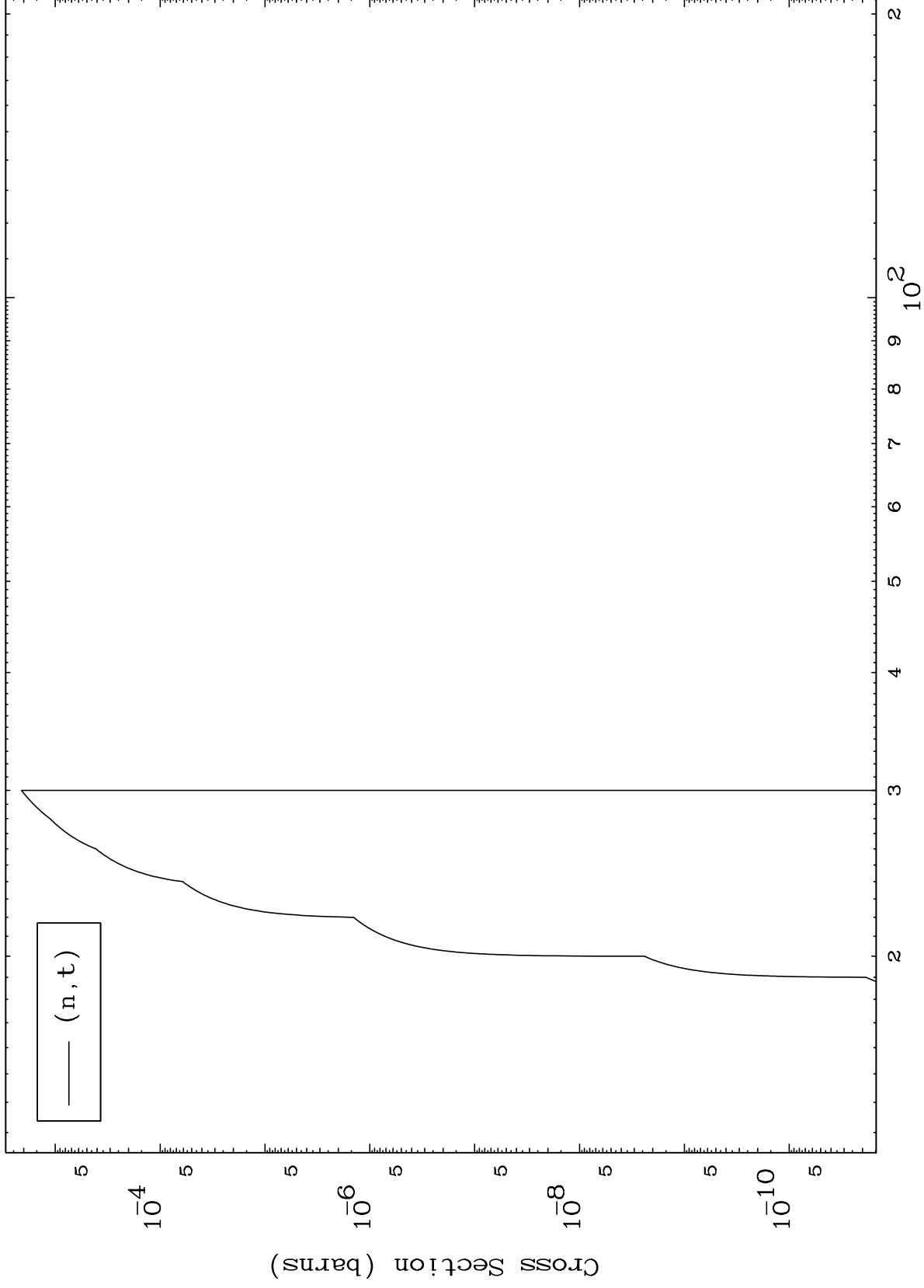
Incident Energy (MeV)

⁷³Ta-182

MAT 7331

(α, t) Levels
0 Kelvin Cross Sections

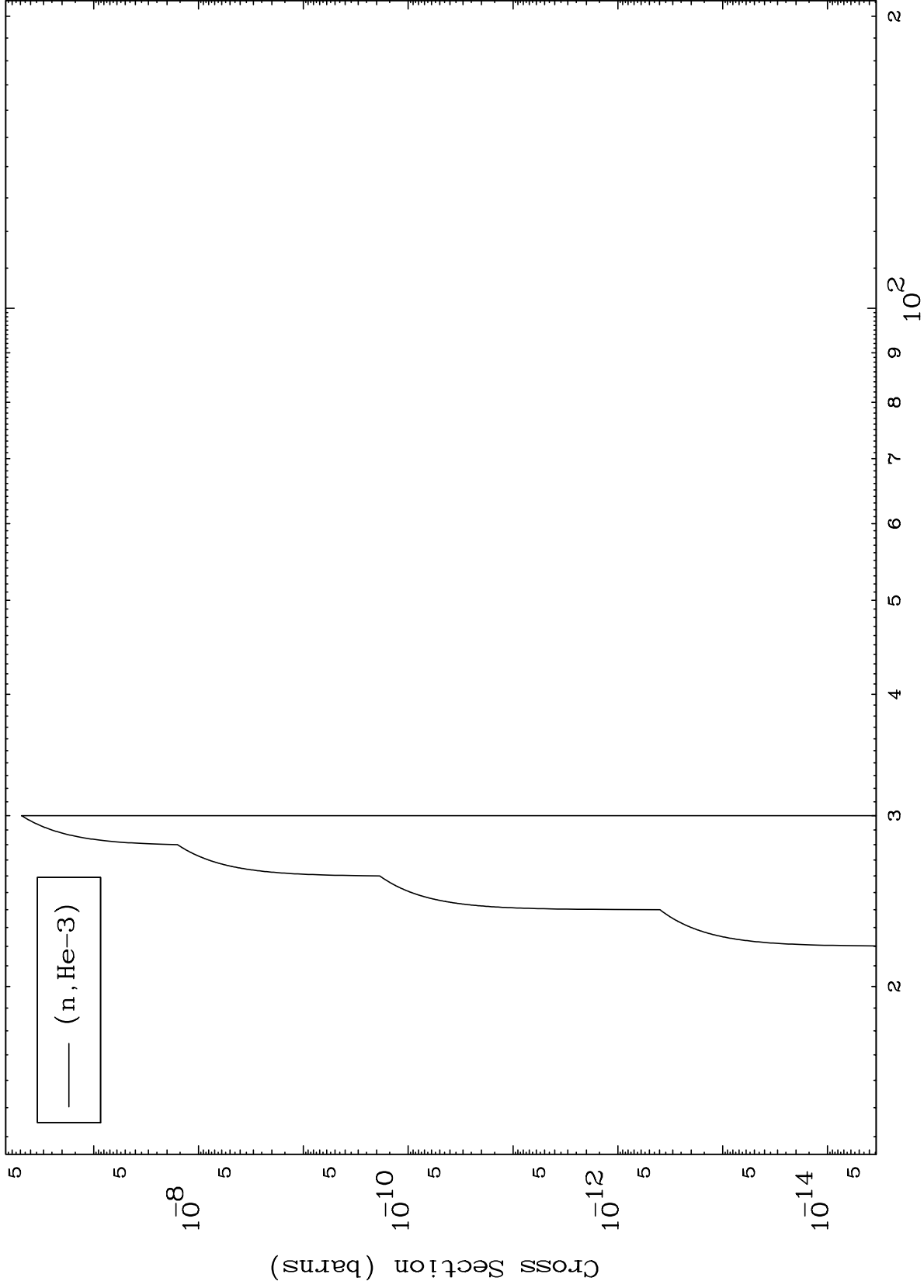
⁷³Ta-182



MAT 7331

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

73-Ta-182



8

Incident Energy (MeV)

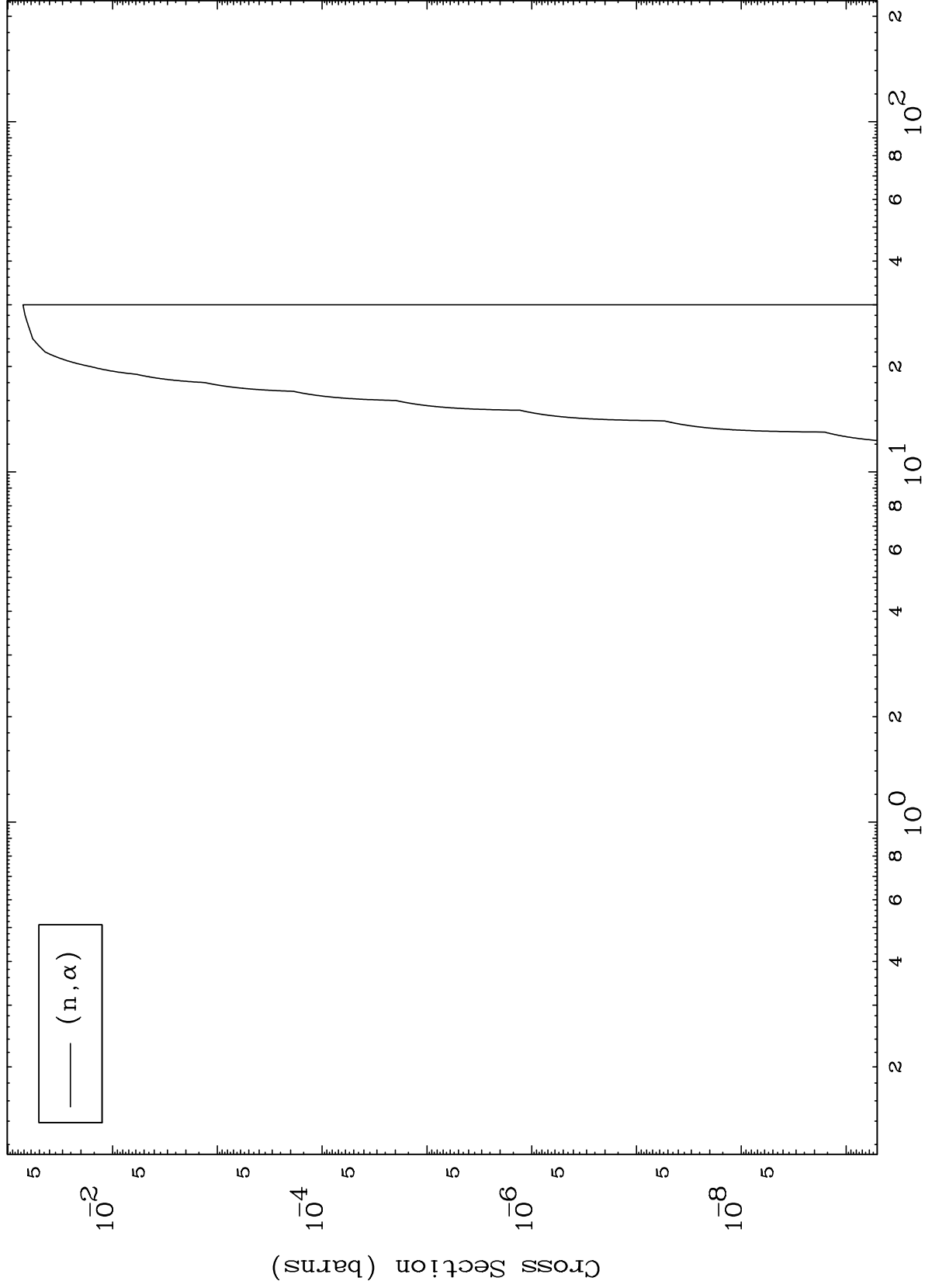
73-Ta-182

MAT 7331

(α, α) Levels

73-Ta-182

0 Kelvin Cross Sections



9

Incident Energy (MeV)

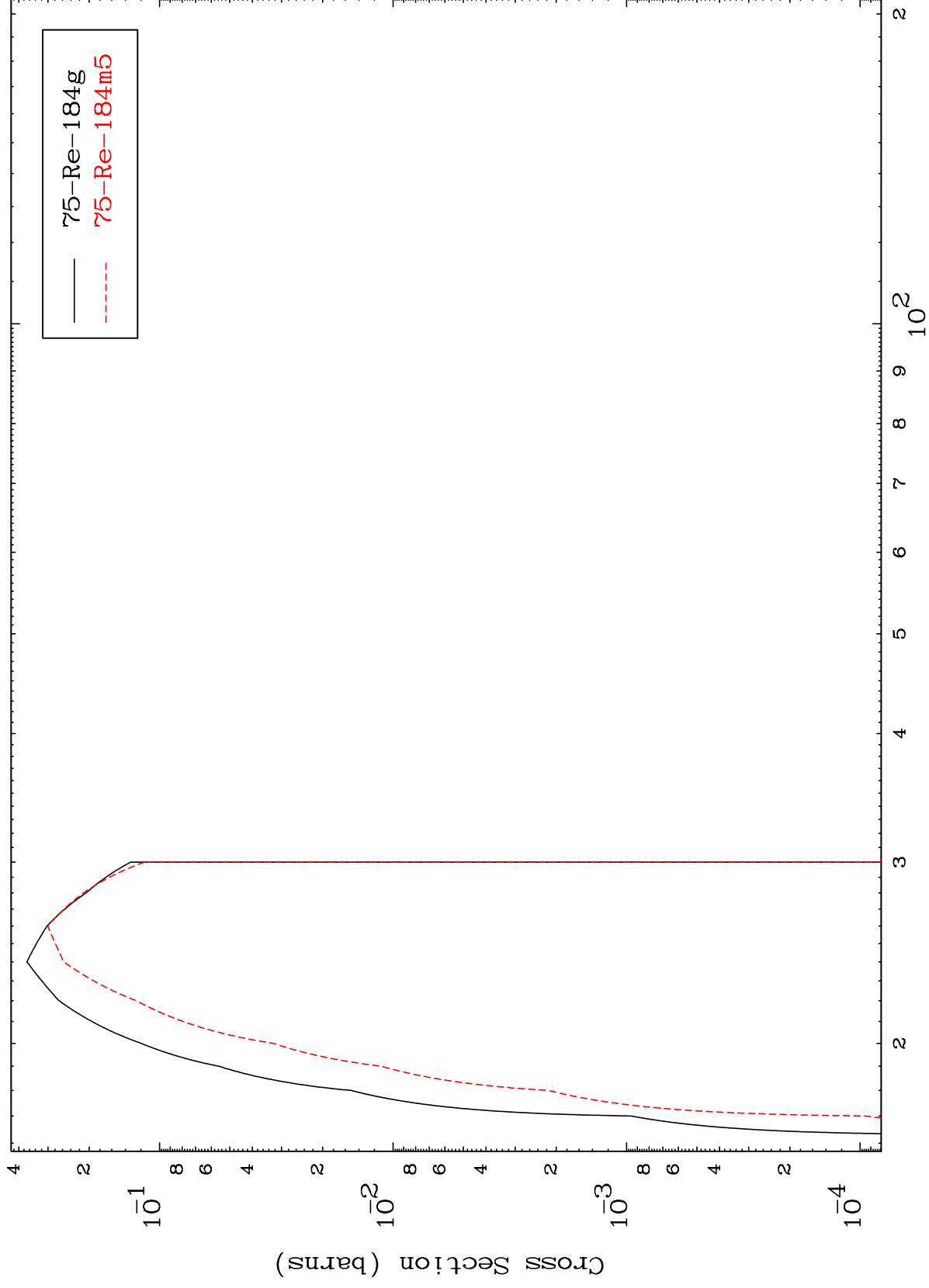
73-Ta-182

MAT 7331

73-Ta-182

(n,2n)

Radionuclide Production Cross Section



10

Incident Energy (MeV)

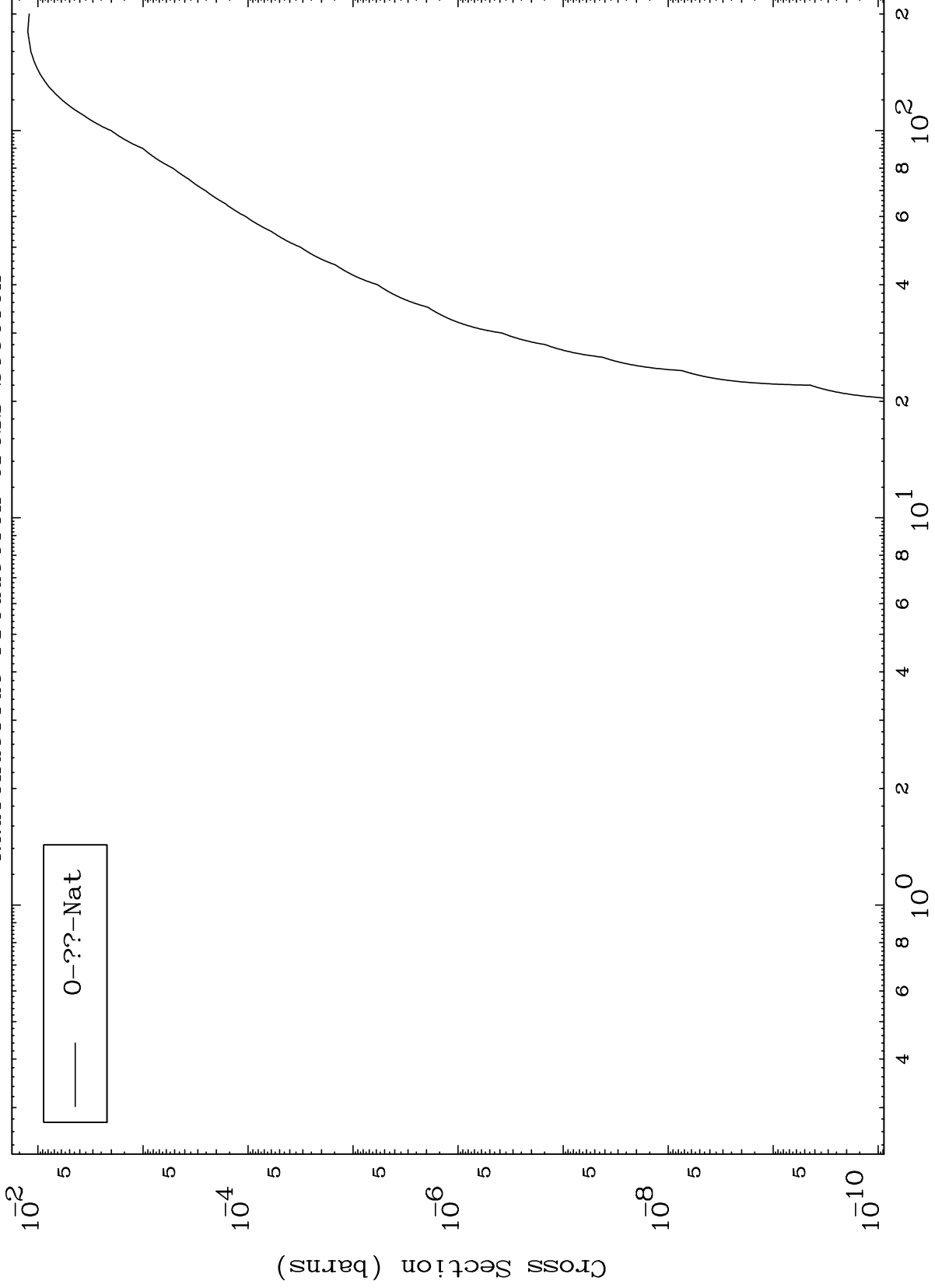
73-Ta-182

MAT 7331

Fission

⁷³Ta-182

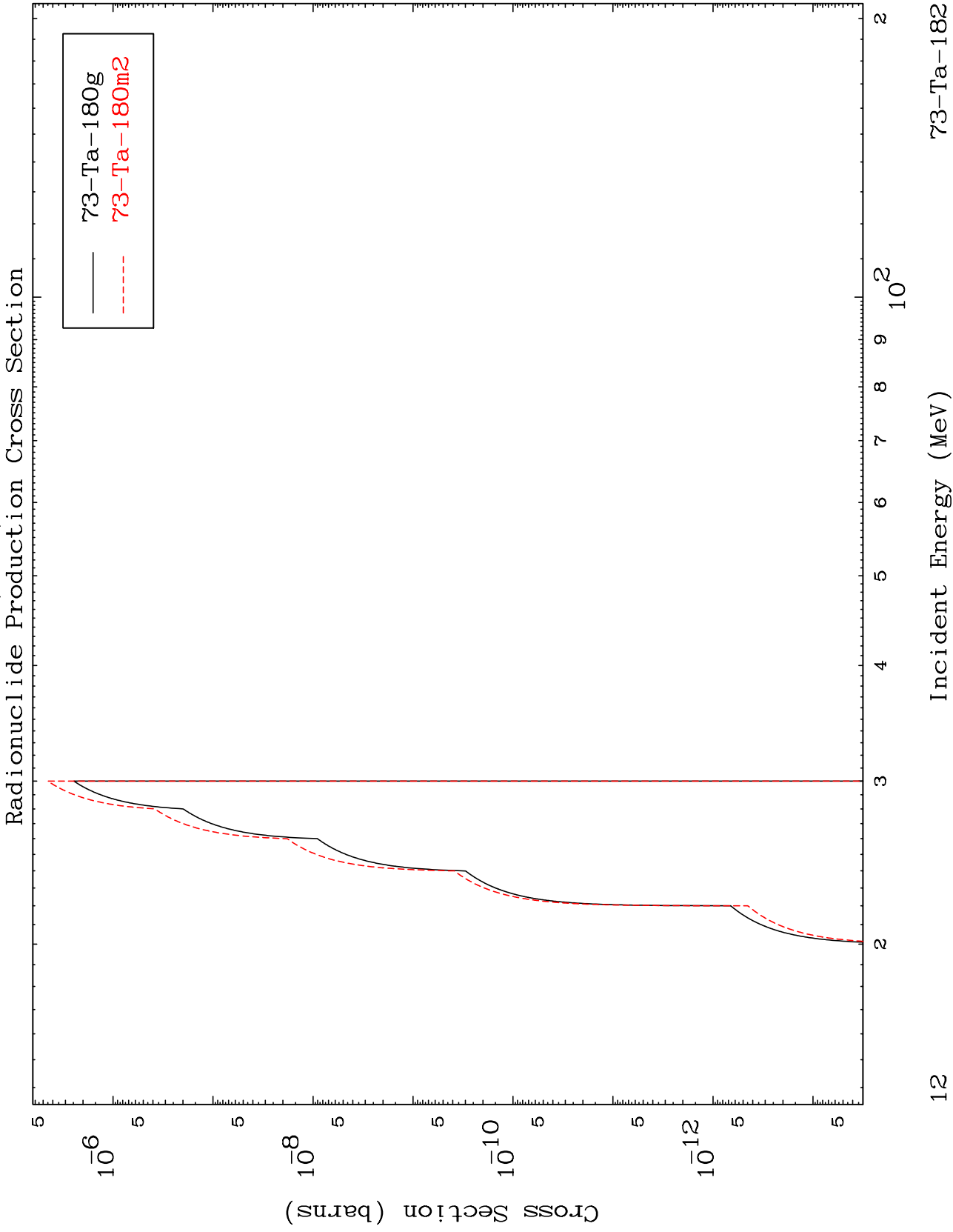
Radionuclide Production Cross Section



MAT 7331

$(n,2n) \alpha$

$^{73}\text{Ta-182}$



12

Incident Energy (MeV)

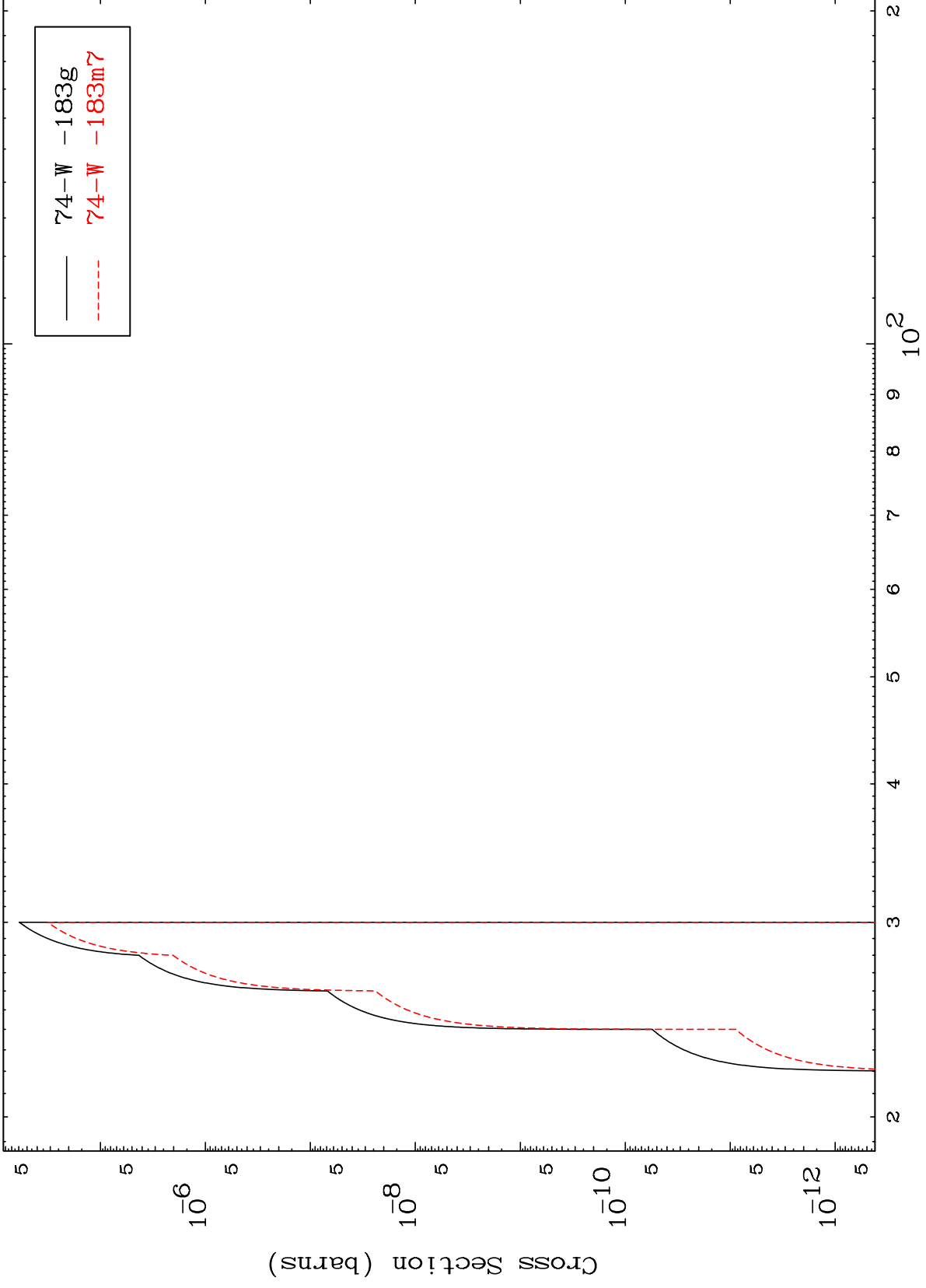
$^{73}\text{Ta-182}$

MAT 7331

(n,n') d

73-Ta-182

Radionuclide Production Cross Section



13

Incident Energy (MeV)

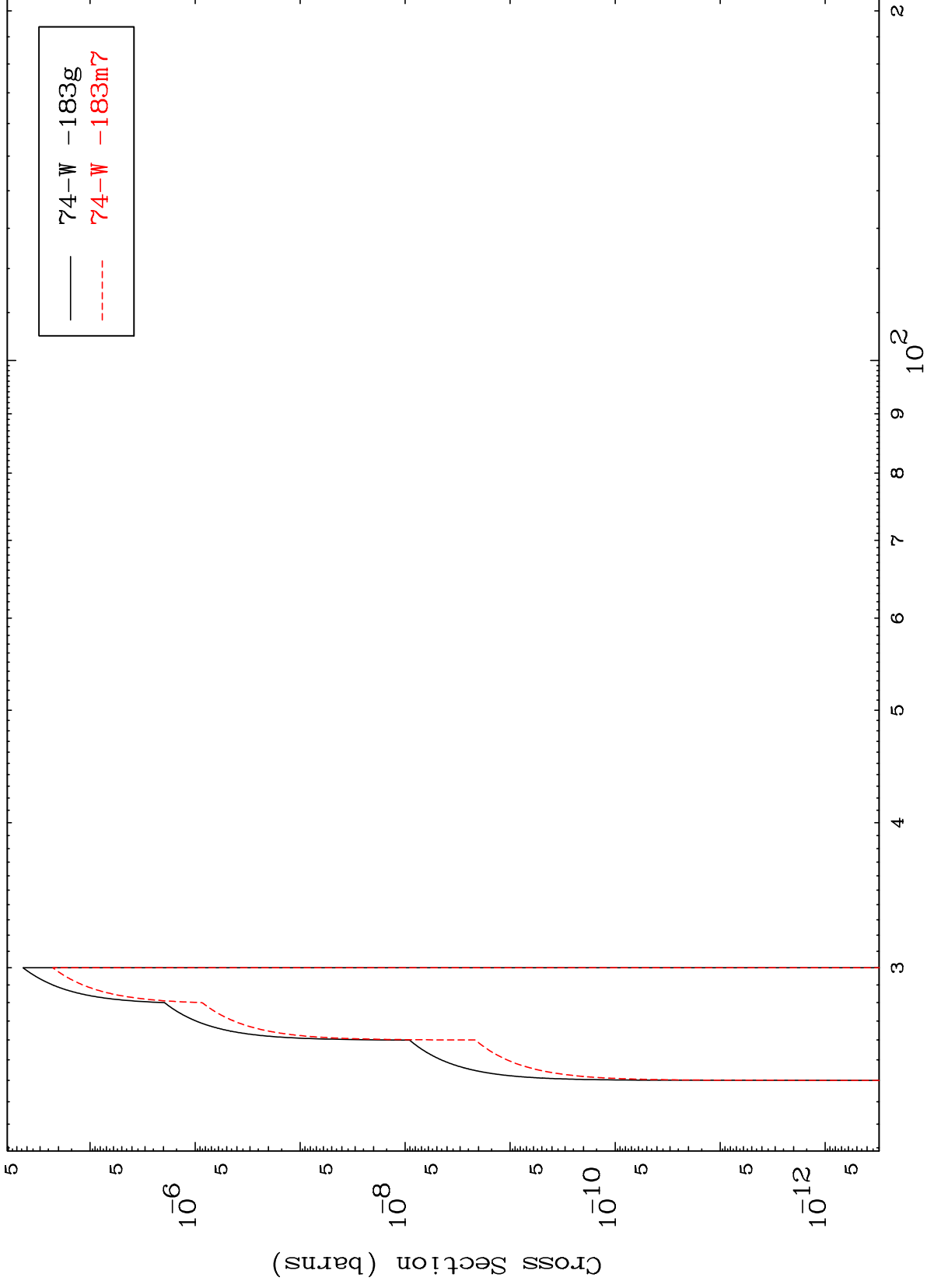
73-Ta-182

MAT 7331

(n,2n) p

⁷³Ta-182

Radionuclide Production Cross Section



14

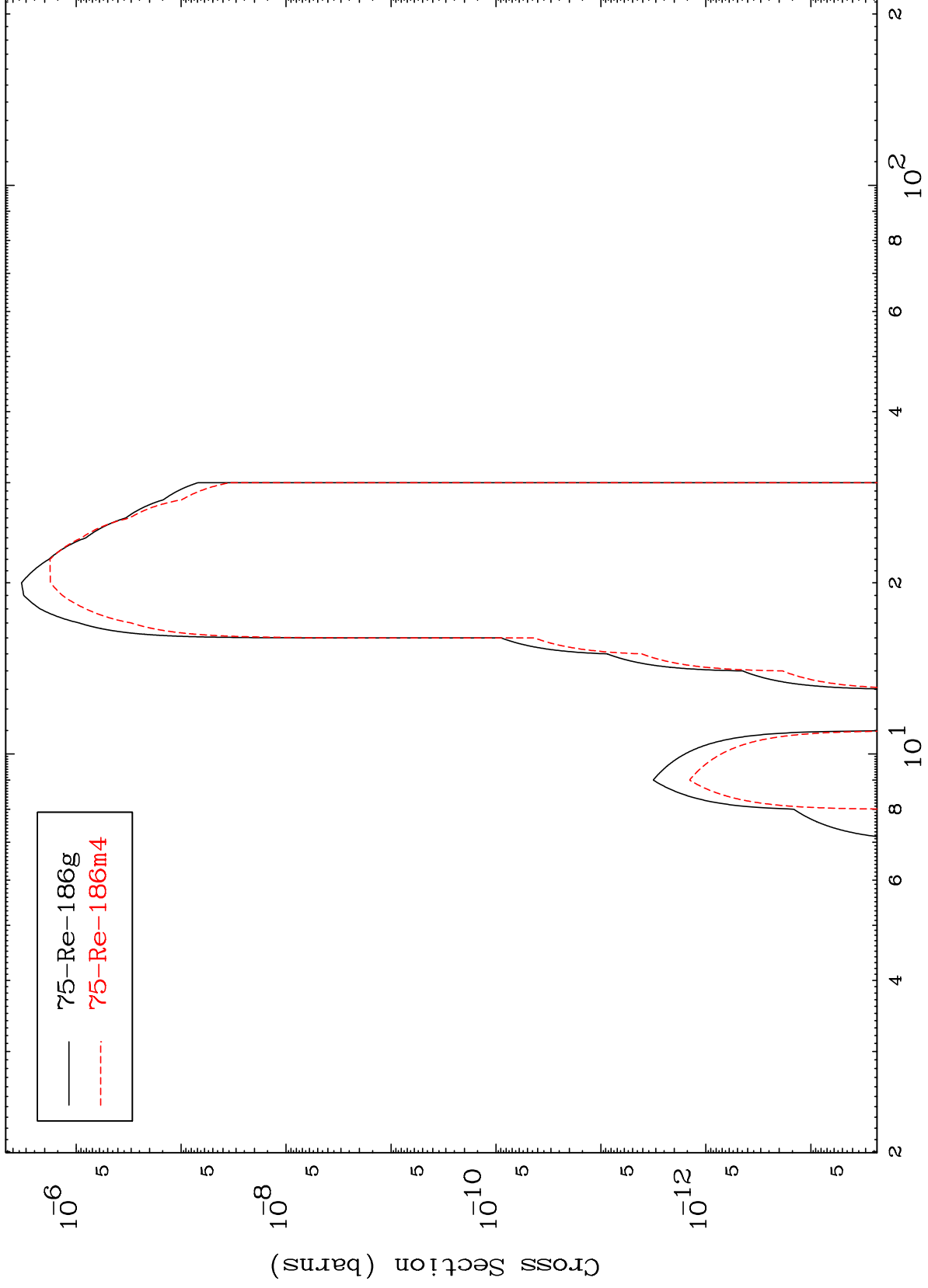
Incident Energy (MeV)

⁷³Ta-182

MAT 7331

73-Ta-182

(n, γ)
Radionuclide Production Cross Section



15

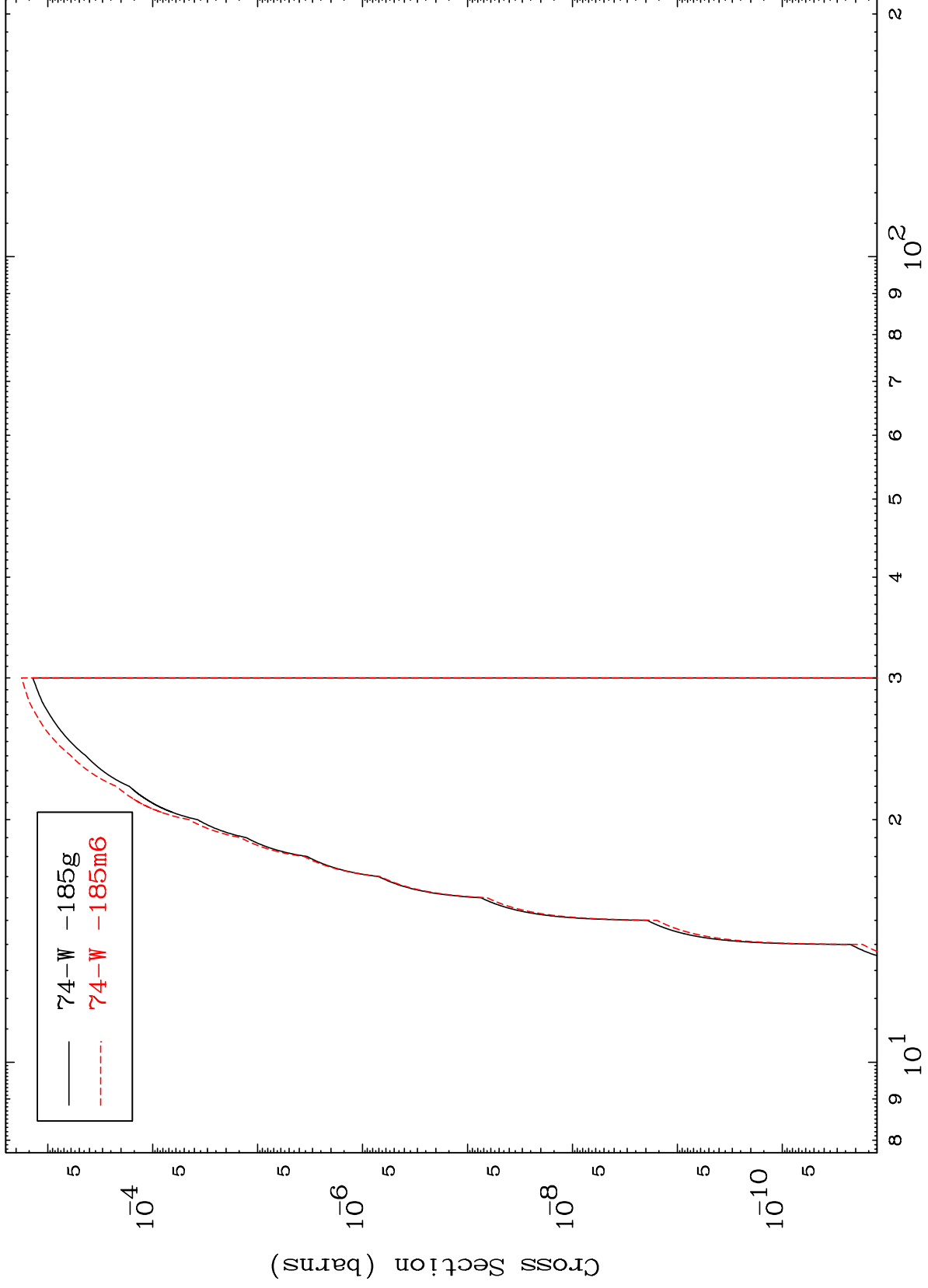
73-Ta-182

Incident Energy (MeV)

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73-Ta-182

(n,p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

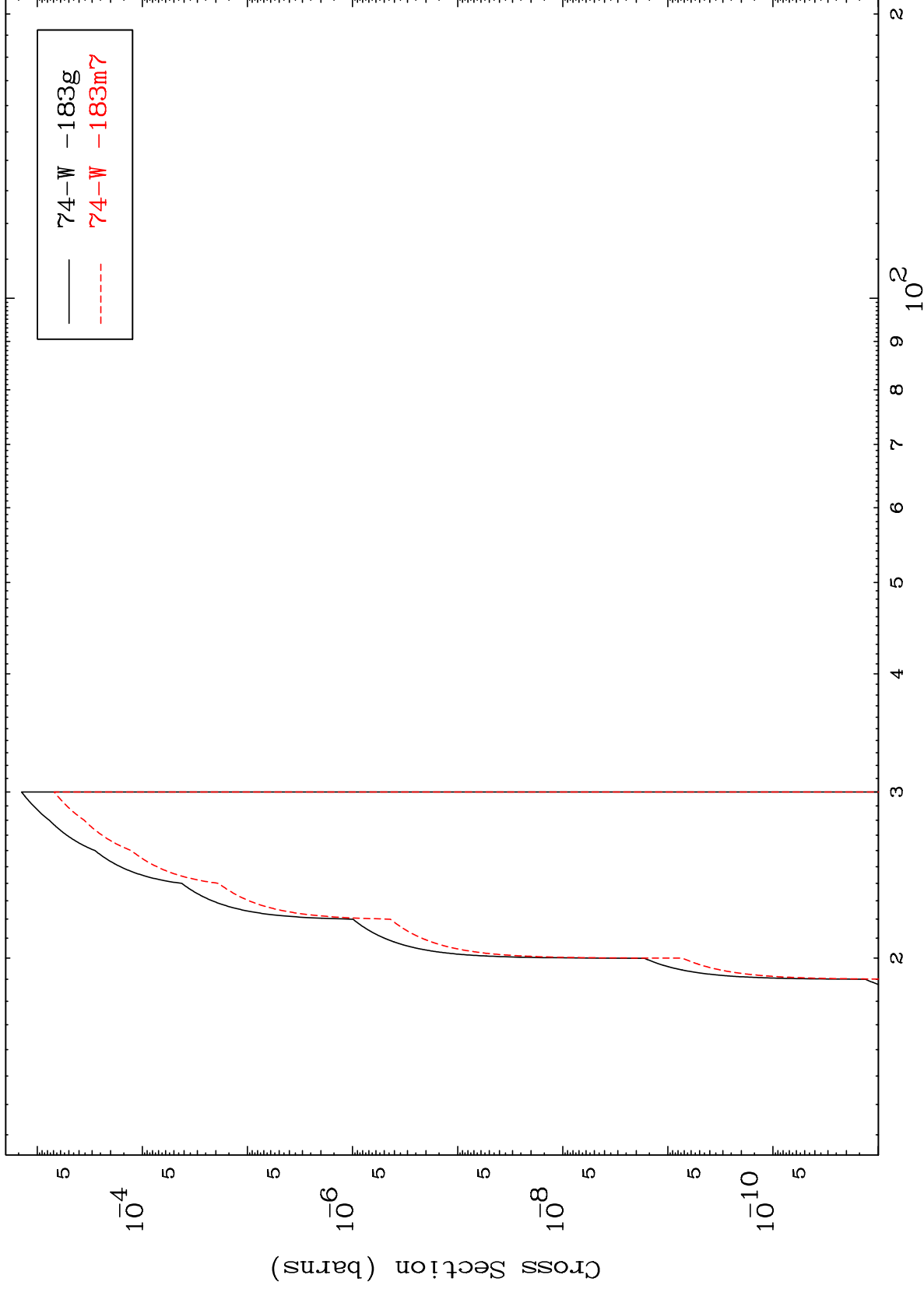
73-Ta-182

MAT 7331

(n, t)

73-Ta-182

Radionuclide Production Cross Section



17

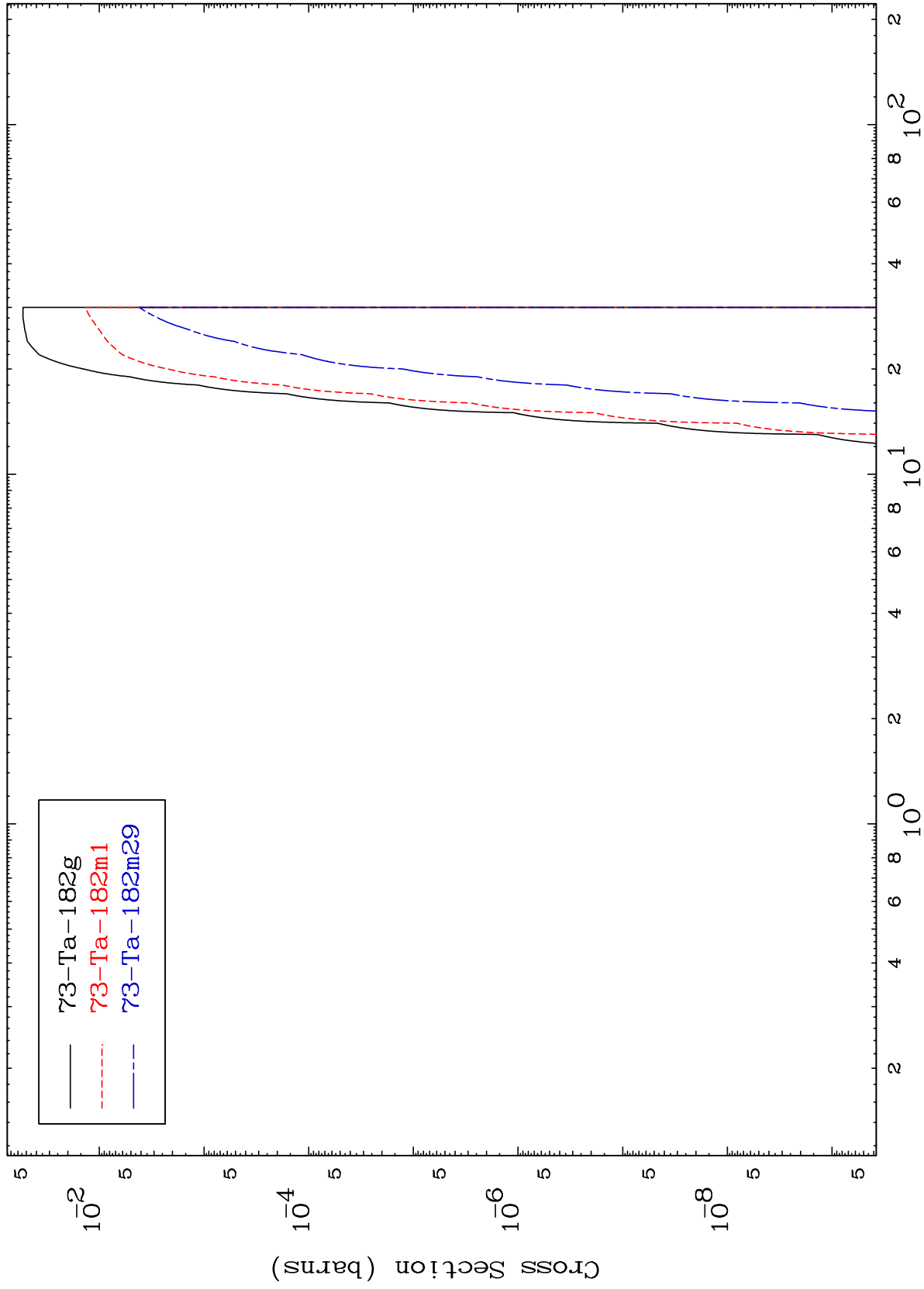
Incident Energy (MeV)

73-Ta-182

MAT 7331

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

$^{73}\text{Ta-182}$