

Program EVALPLOT
(Version 2018-1)

by

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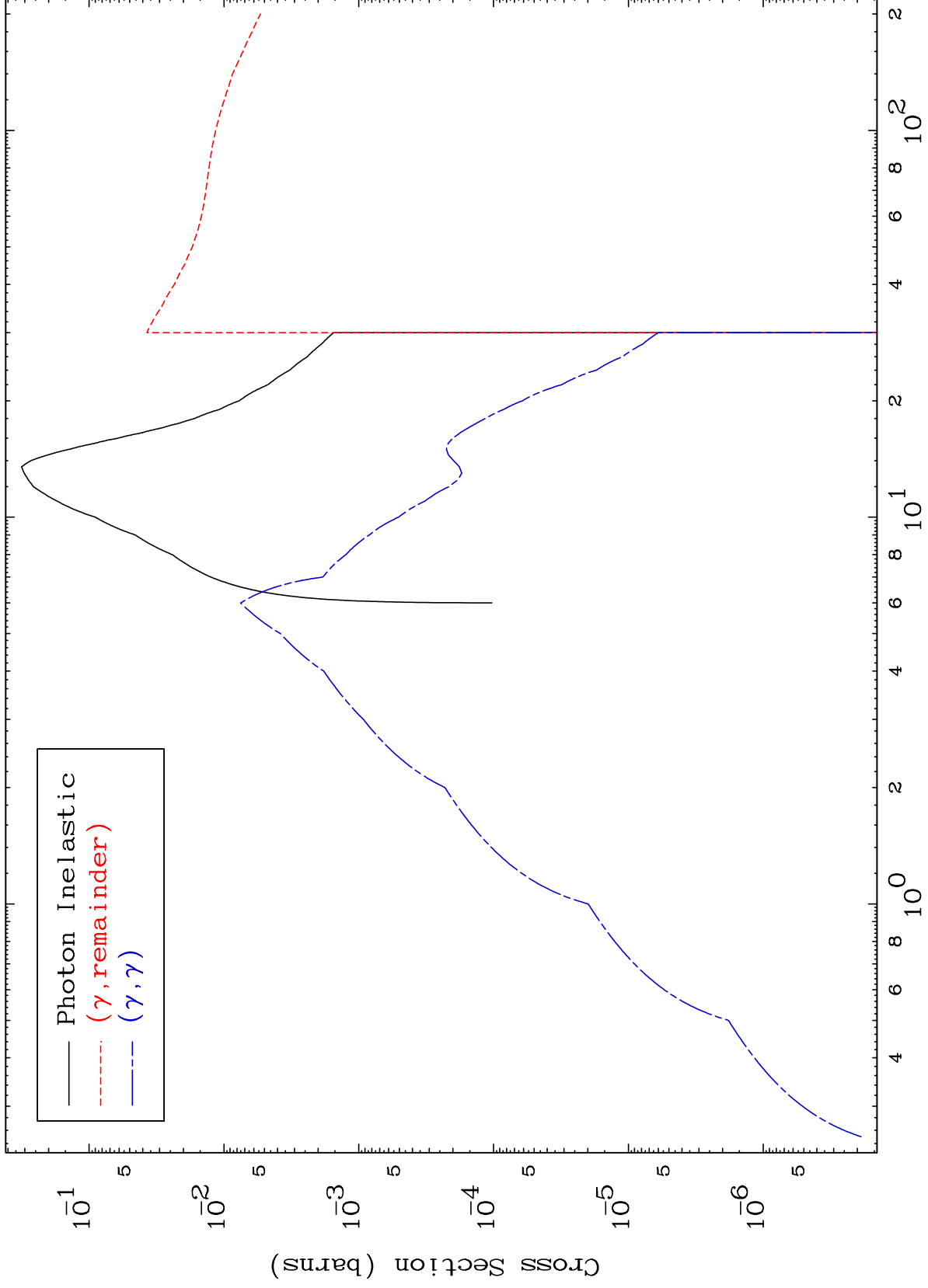
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Press Mouse Button to Start

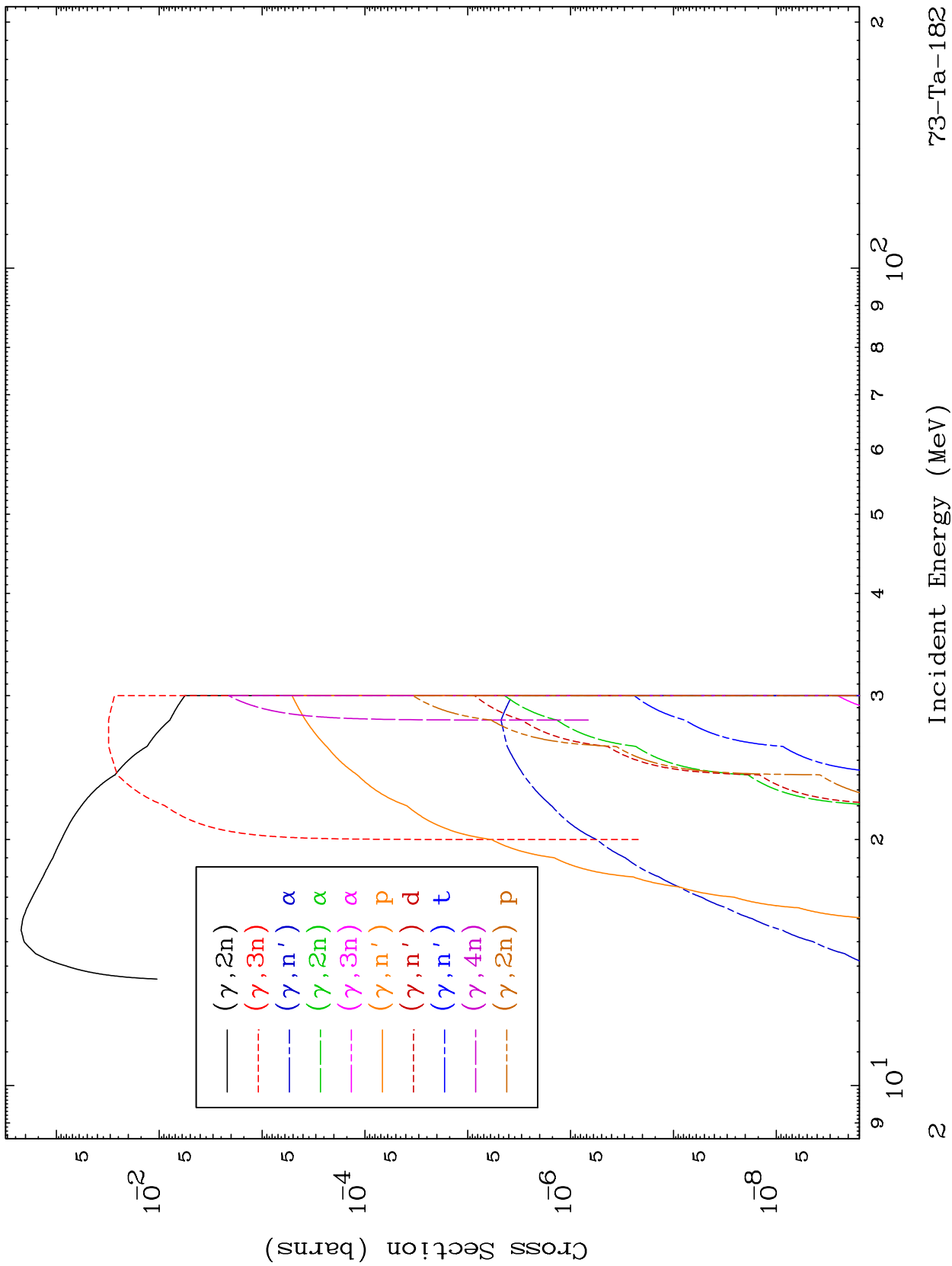
MAT 7332

Photon Major
0 Kelvin Cross Sections

73-Ta-182



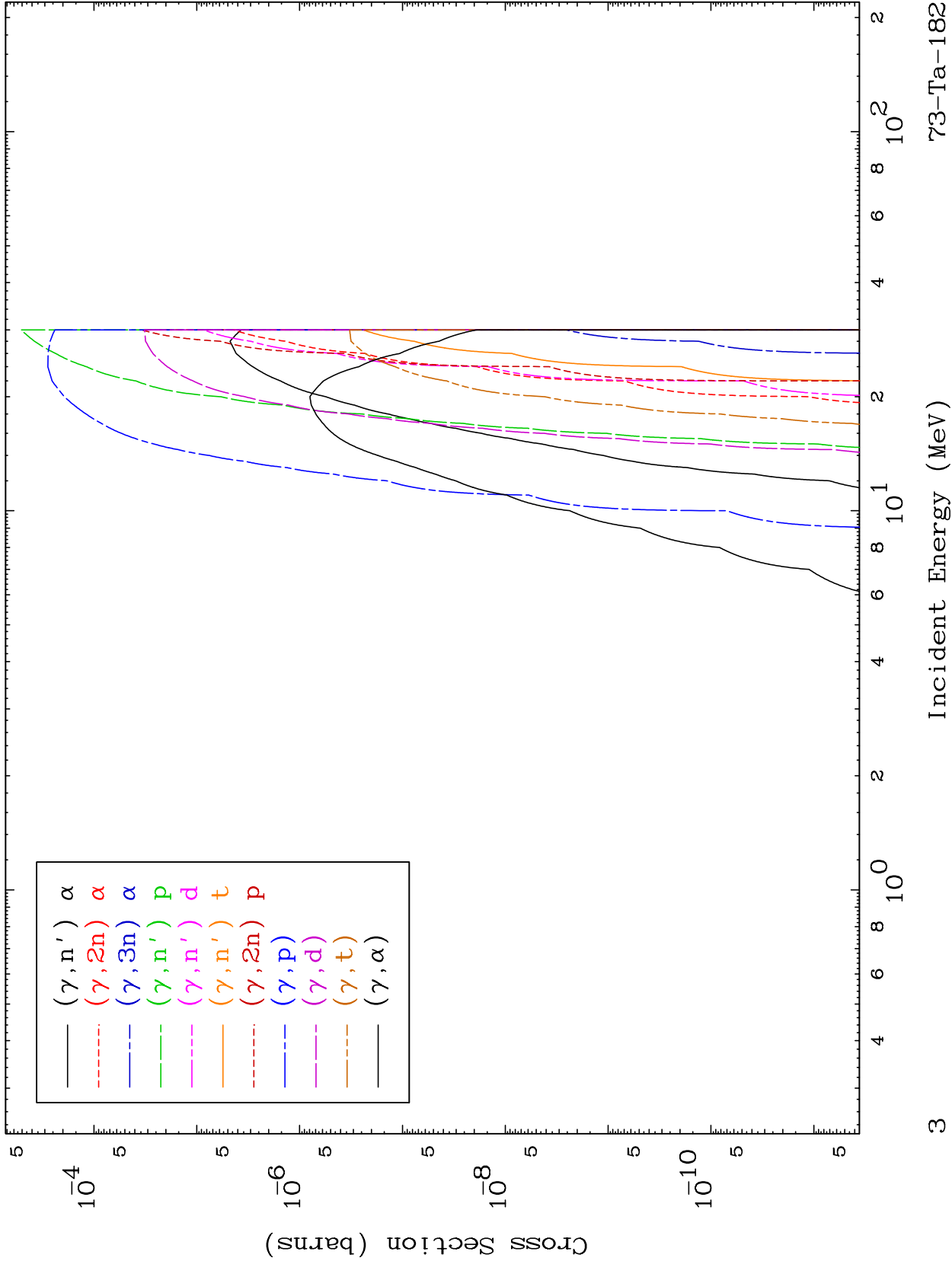
Legend:
— Photon Inelastic
- - - (γ, remainder)
- · - (γ, γ)



MAT 7332

Photon Charged Particle
0 Kelvin Cross Sections

73-Ta-182

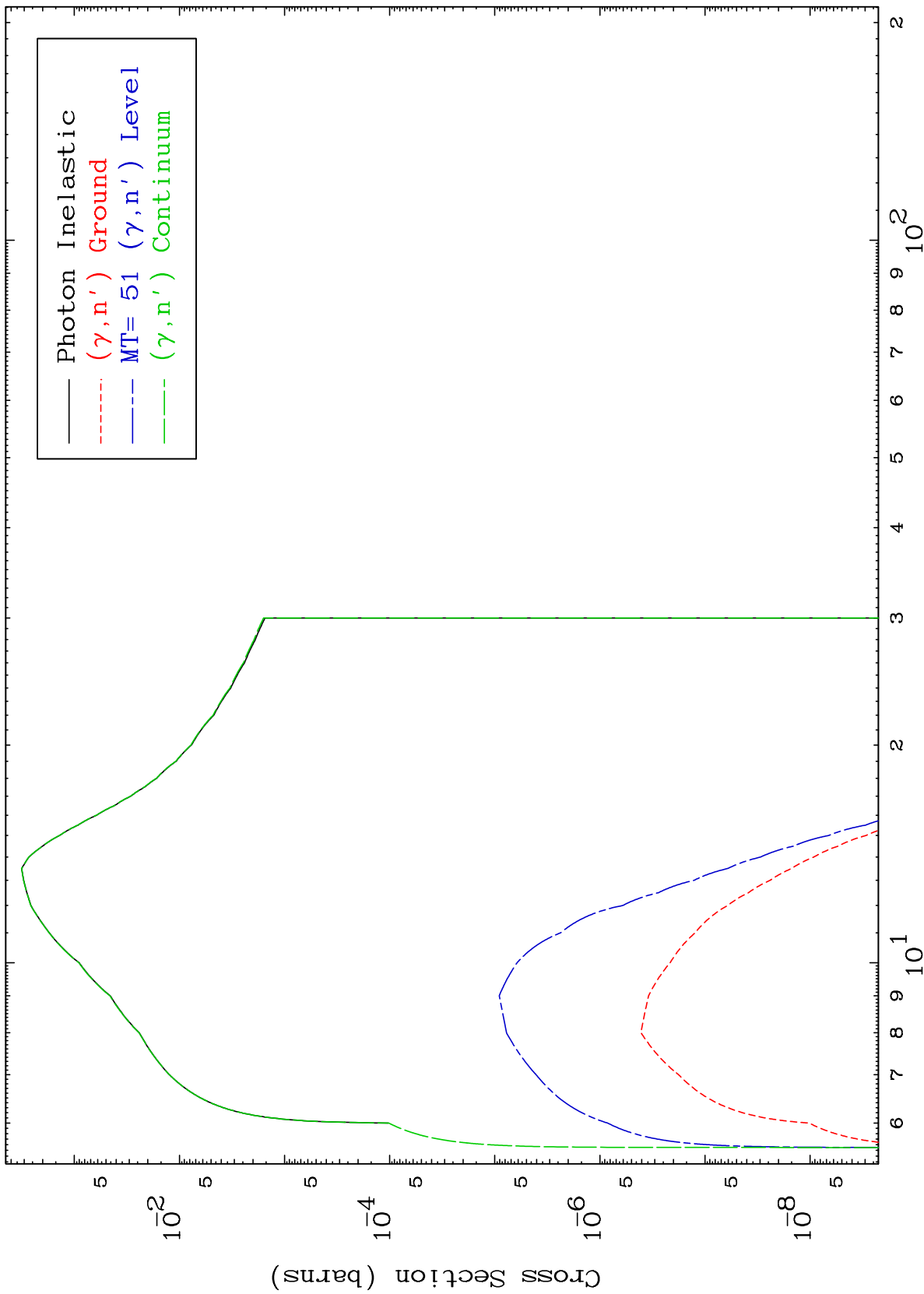


MAT 7332

(γ, n') Level

73-Ta-182

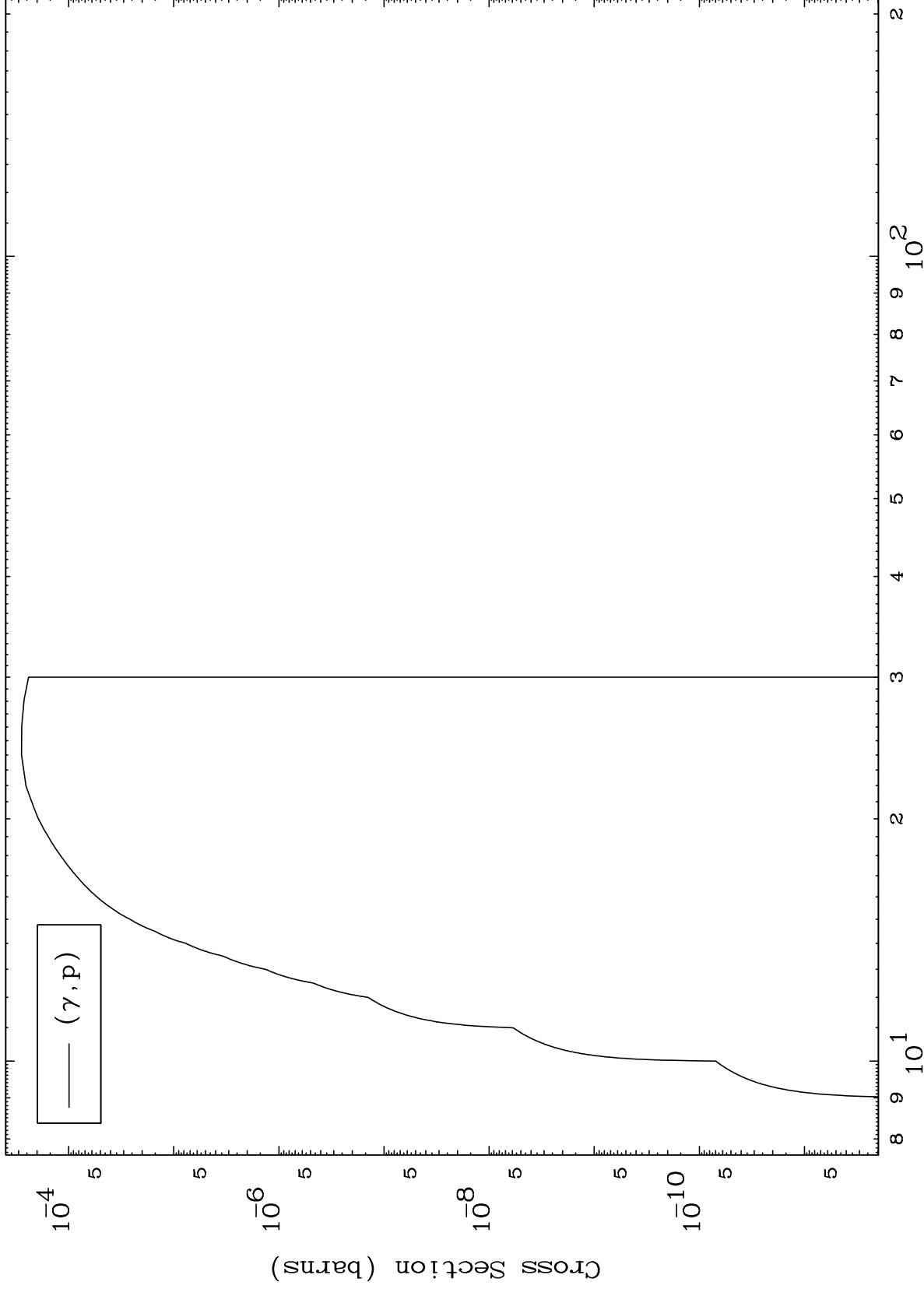
0 Kelvin Cross Sections



MAT 7332

(γ, p) Levels
0 Kelvin Cross Sections

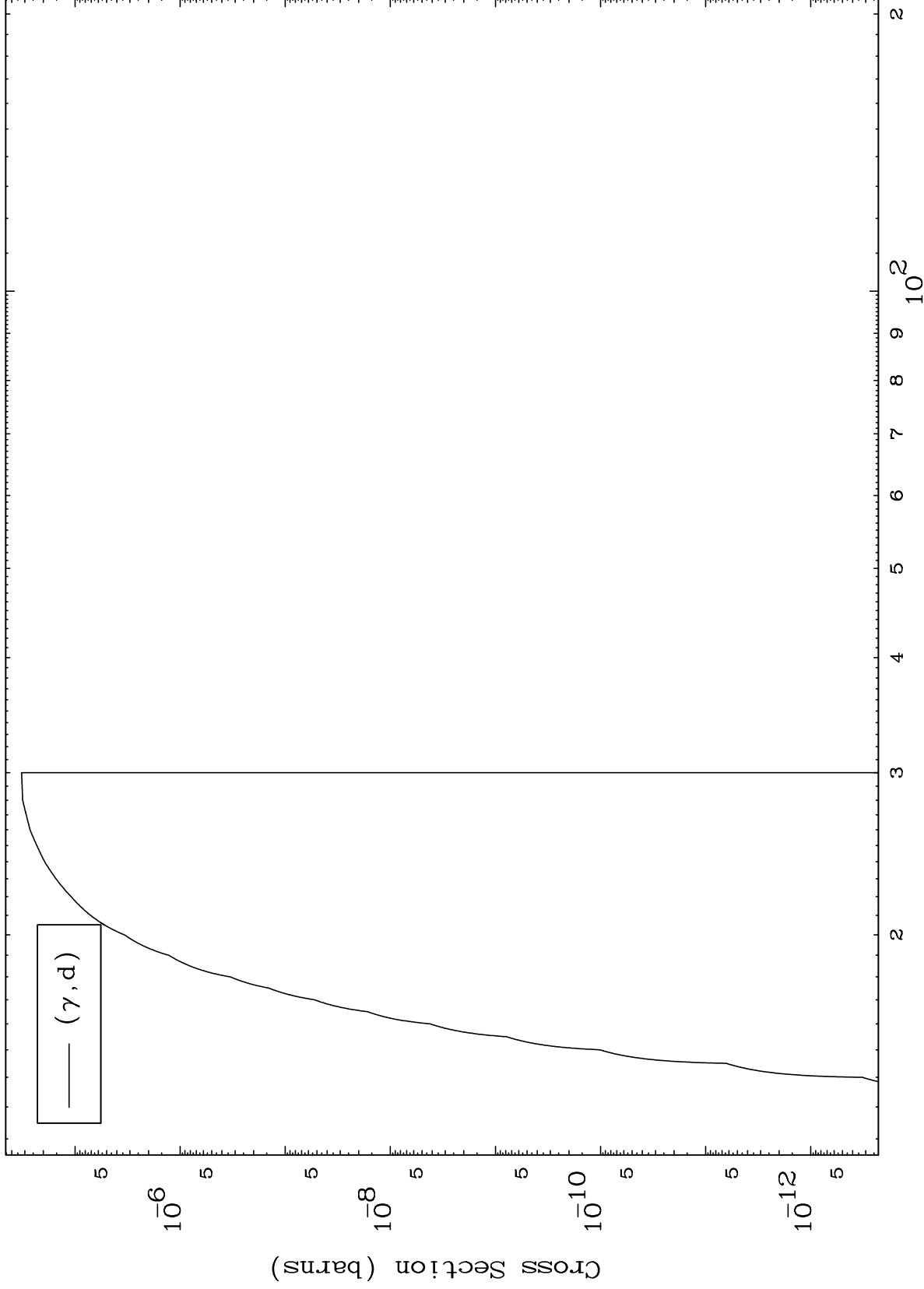
73-Ta-182



Incident Energy (MeV)

73-Ta-182

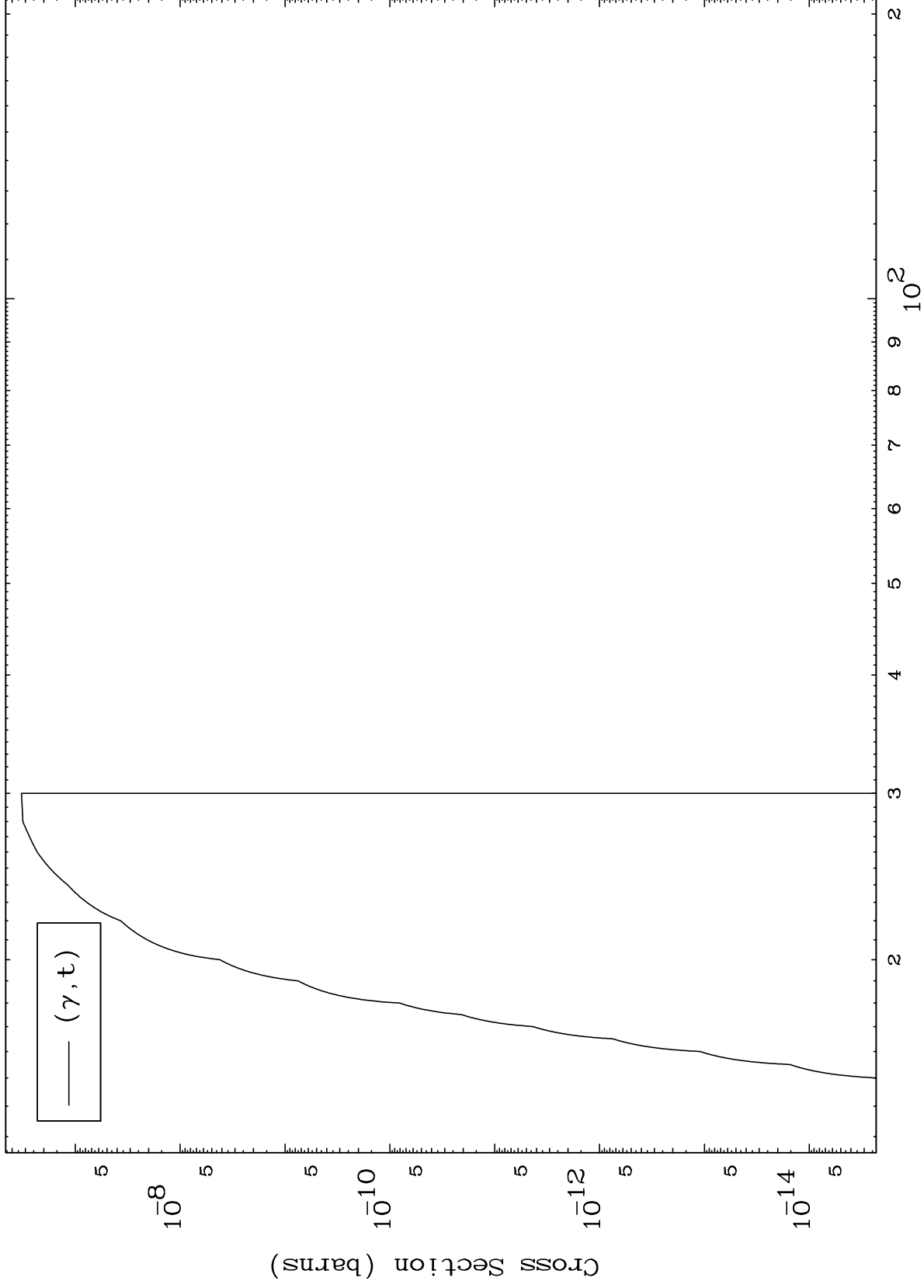
5



MAT 7332

(γ, t) Levels
0 Kelvin Cross Sections

73-Ta-182



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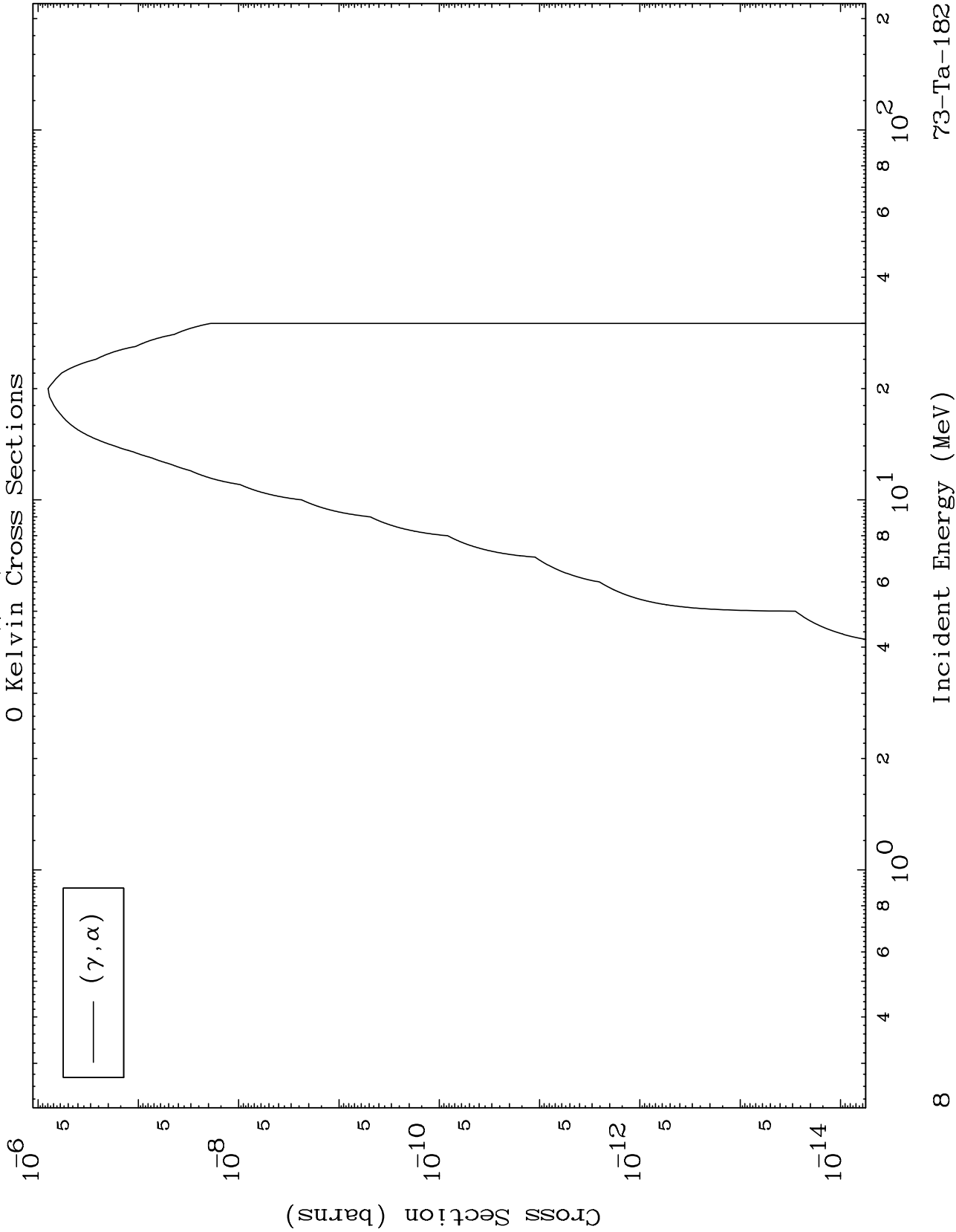
Incident Energy (MeV)

73-Ta-182

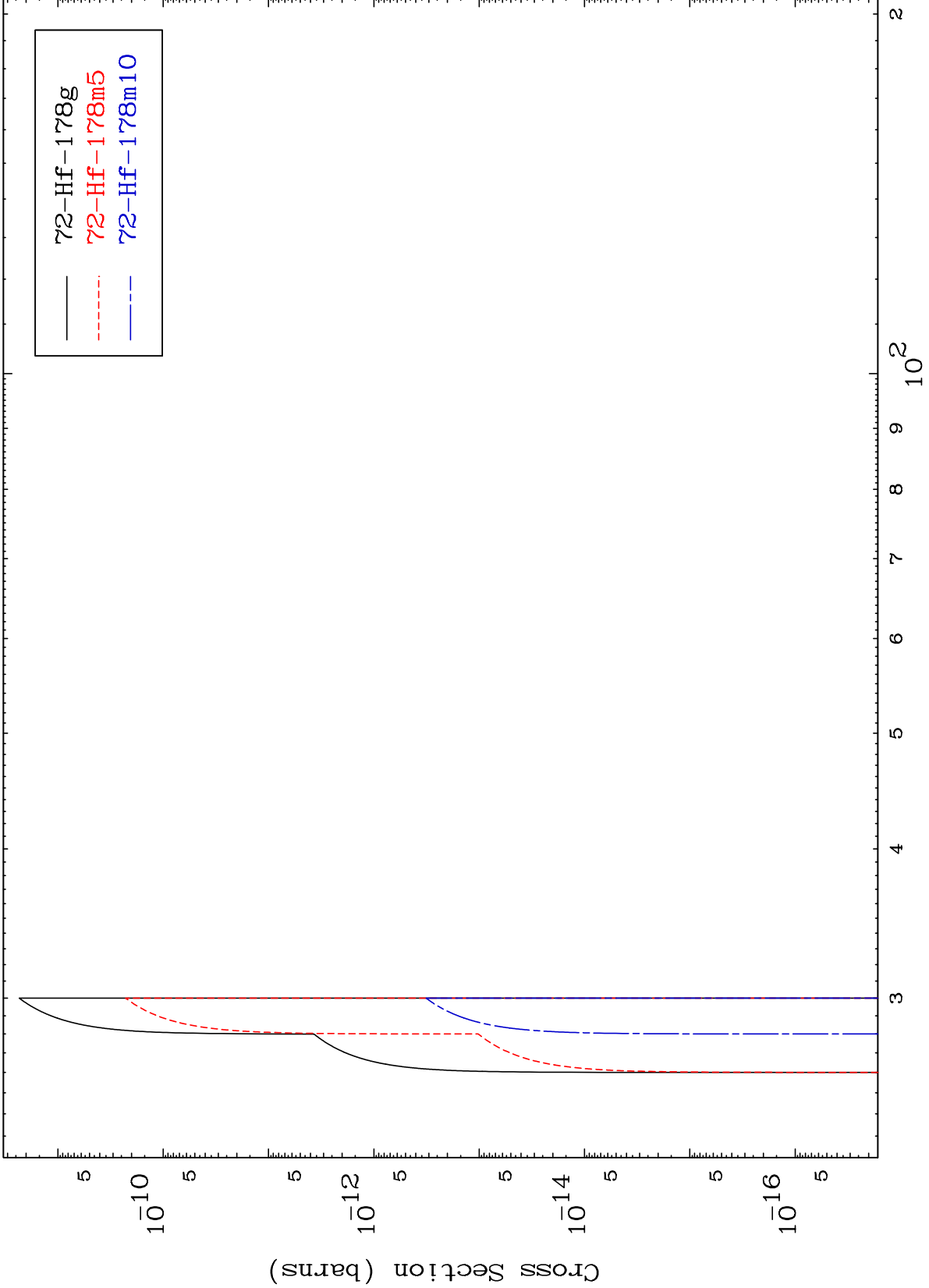
MAT 7332

(γ, α) Levels

73-Ta-182



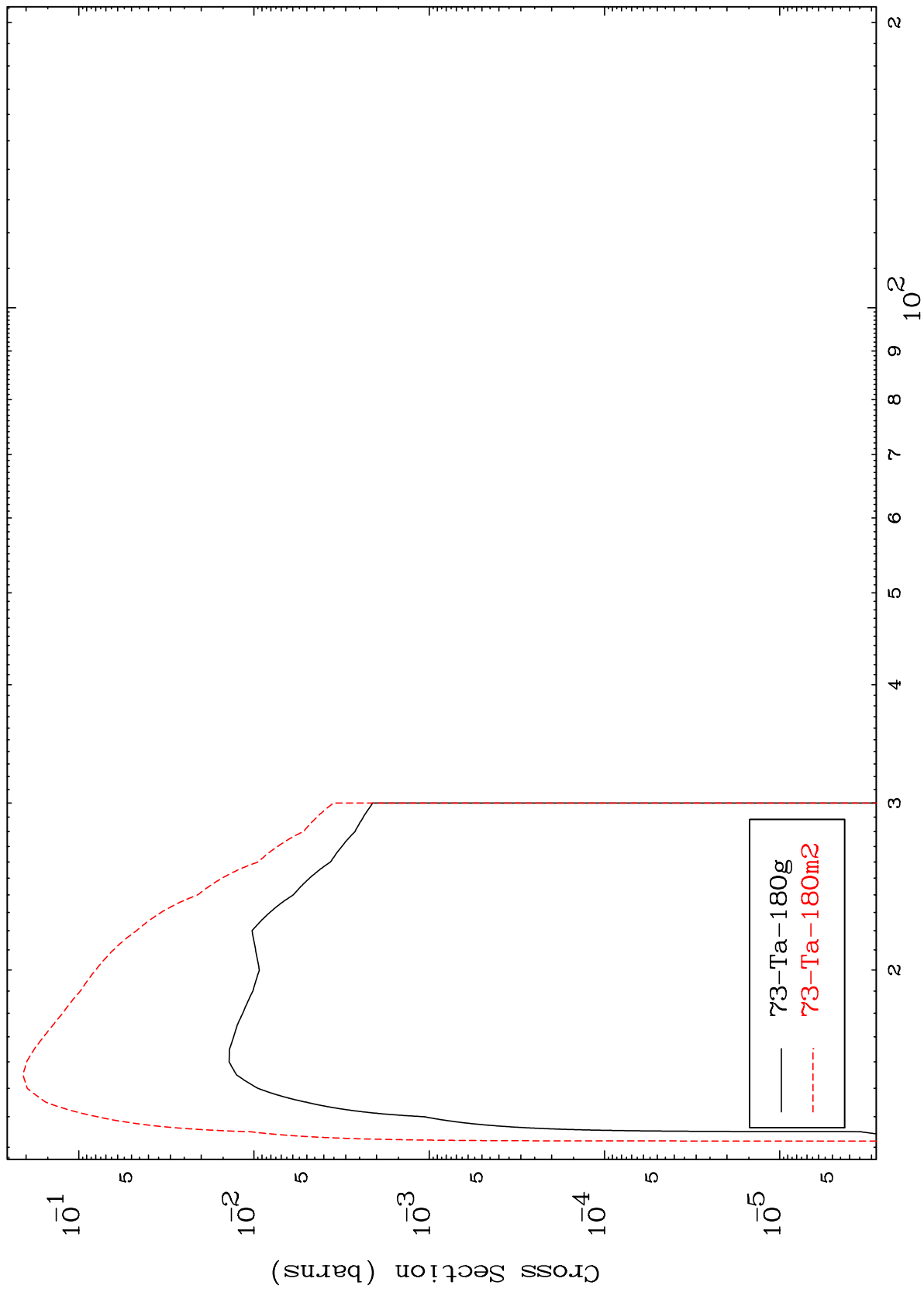
Radionuclide Production Cross Section



MAT 7332

⁷³Ta-182

($\gamma, 2n$)
Radionuclide Production Cross Section



10

Incident Energy (MeV)

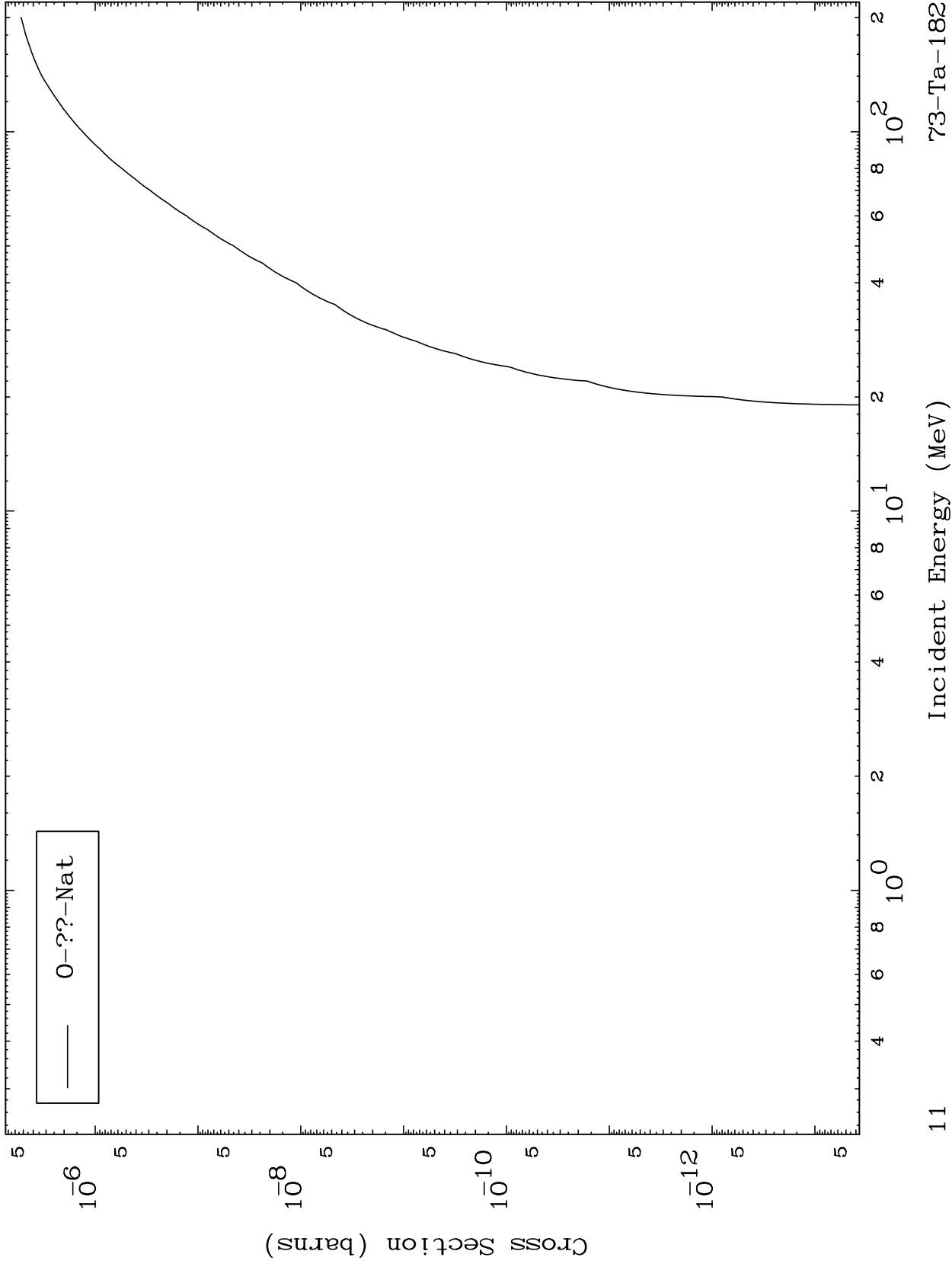
⁷³Ta-182

MAT 7332

Photon Fission

⁷³Ta-182

Radionuclide Production Cross Section

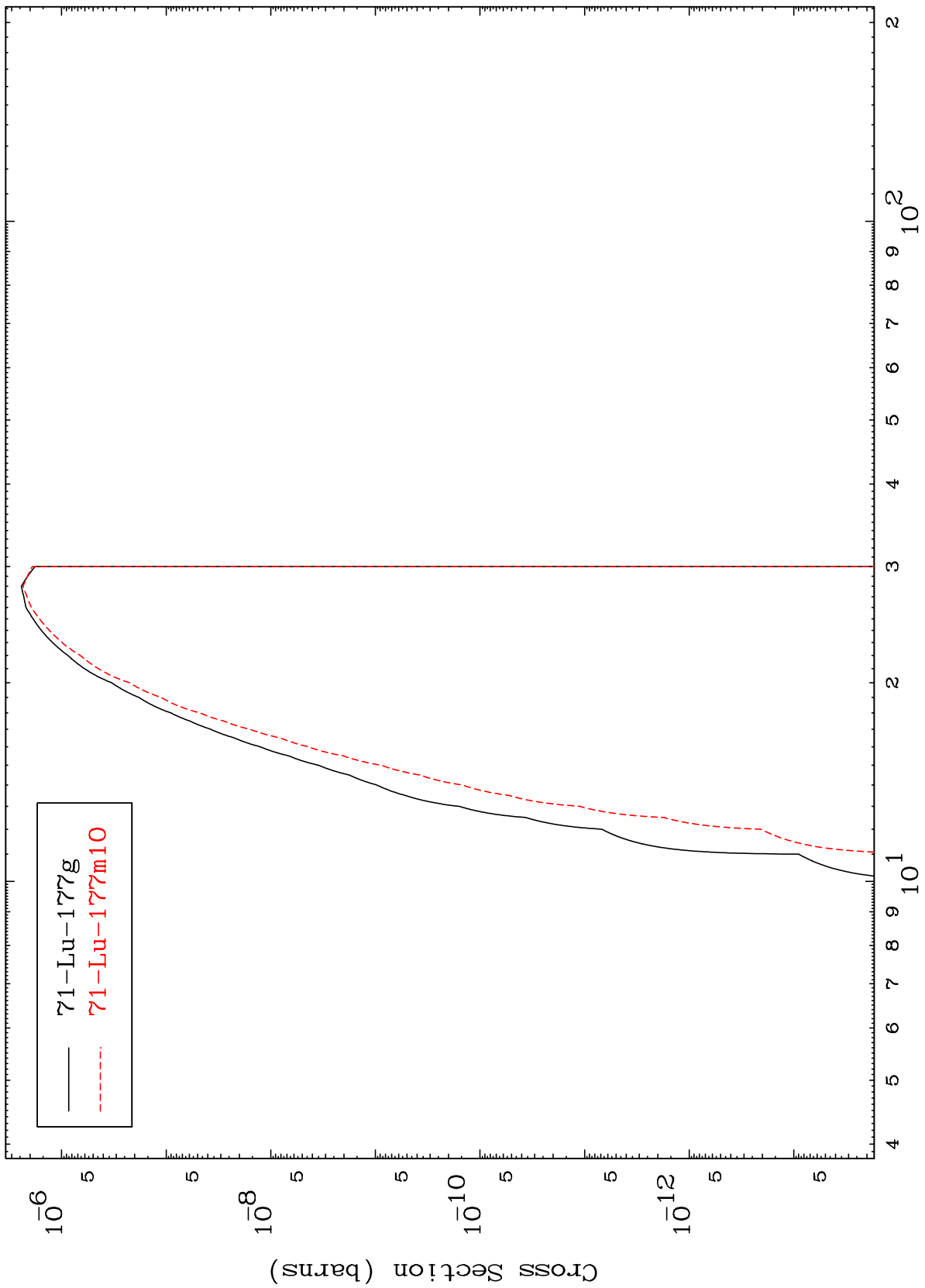


MAT 7332

(γ, n') α

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

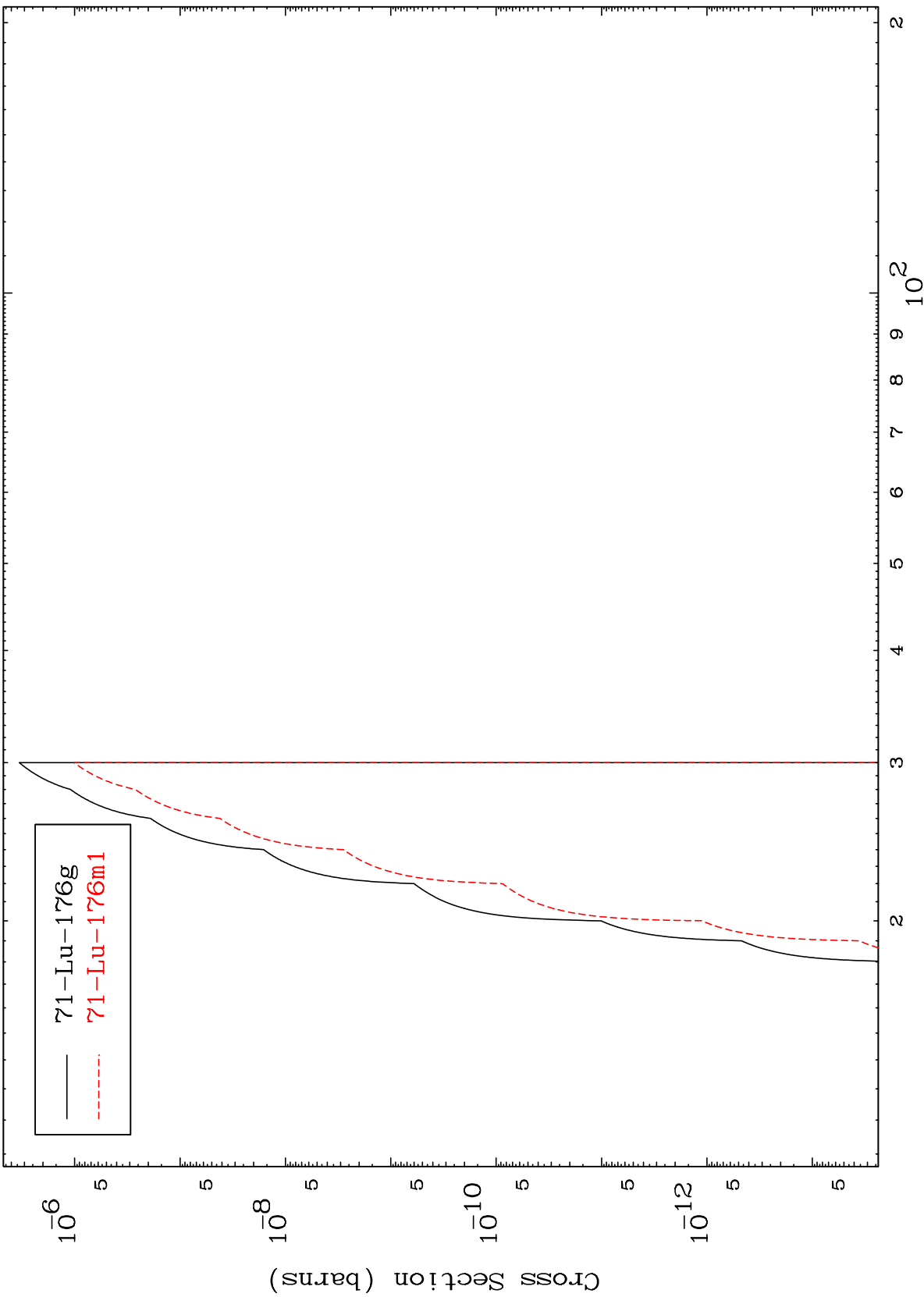
$^{73}\text{Ta-182}$

MAT 7332

($\gamma, 2n$) α

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

Radionuclide Production Cross Section

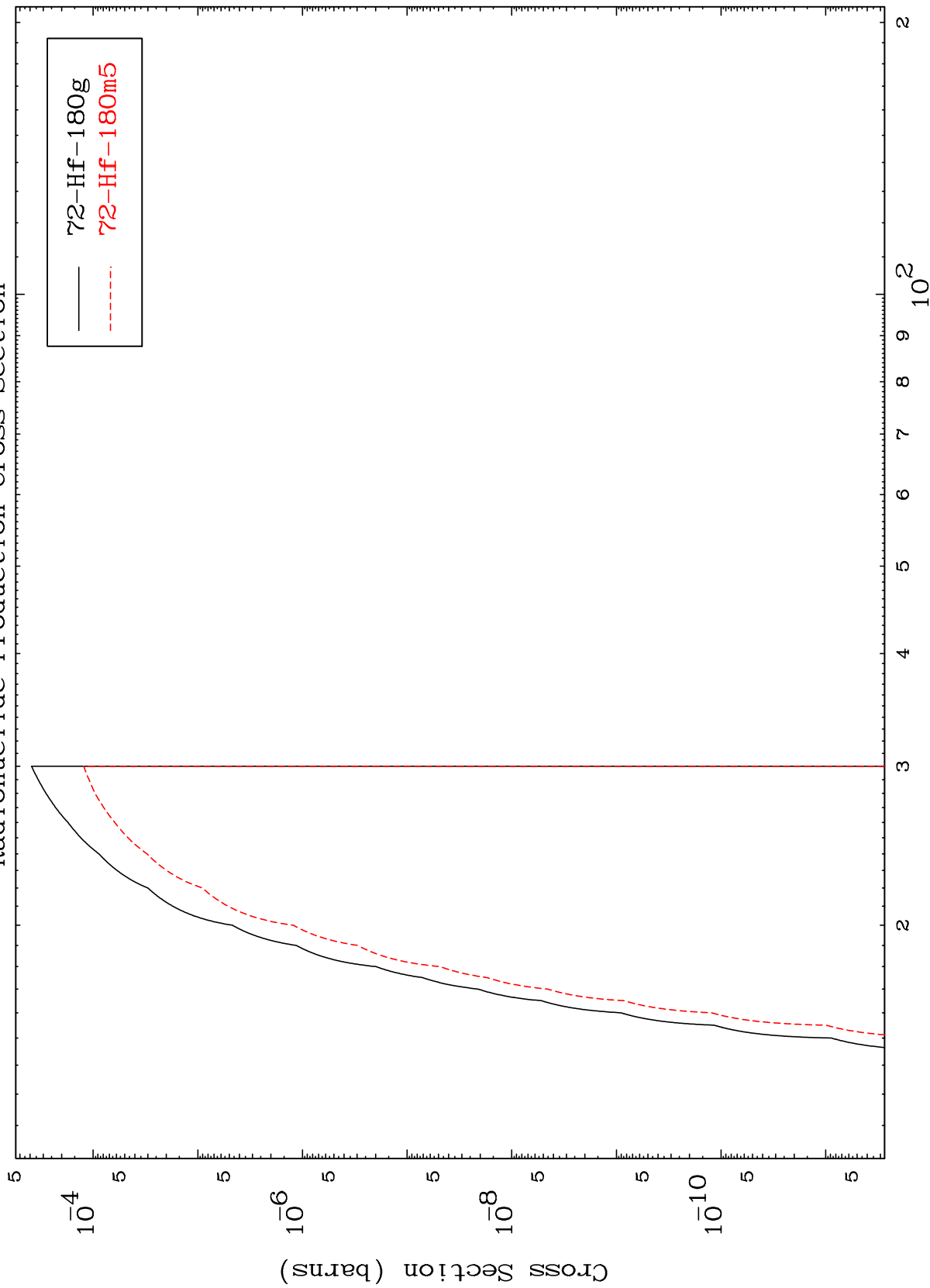


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$^{73}\text{Ta-182}$

(γ, n') p

Radionuclide Production Cross Section



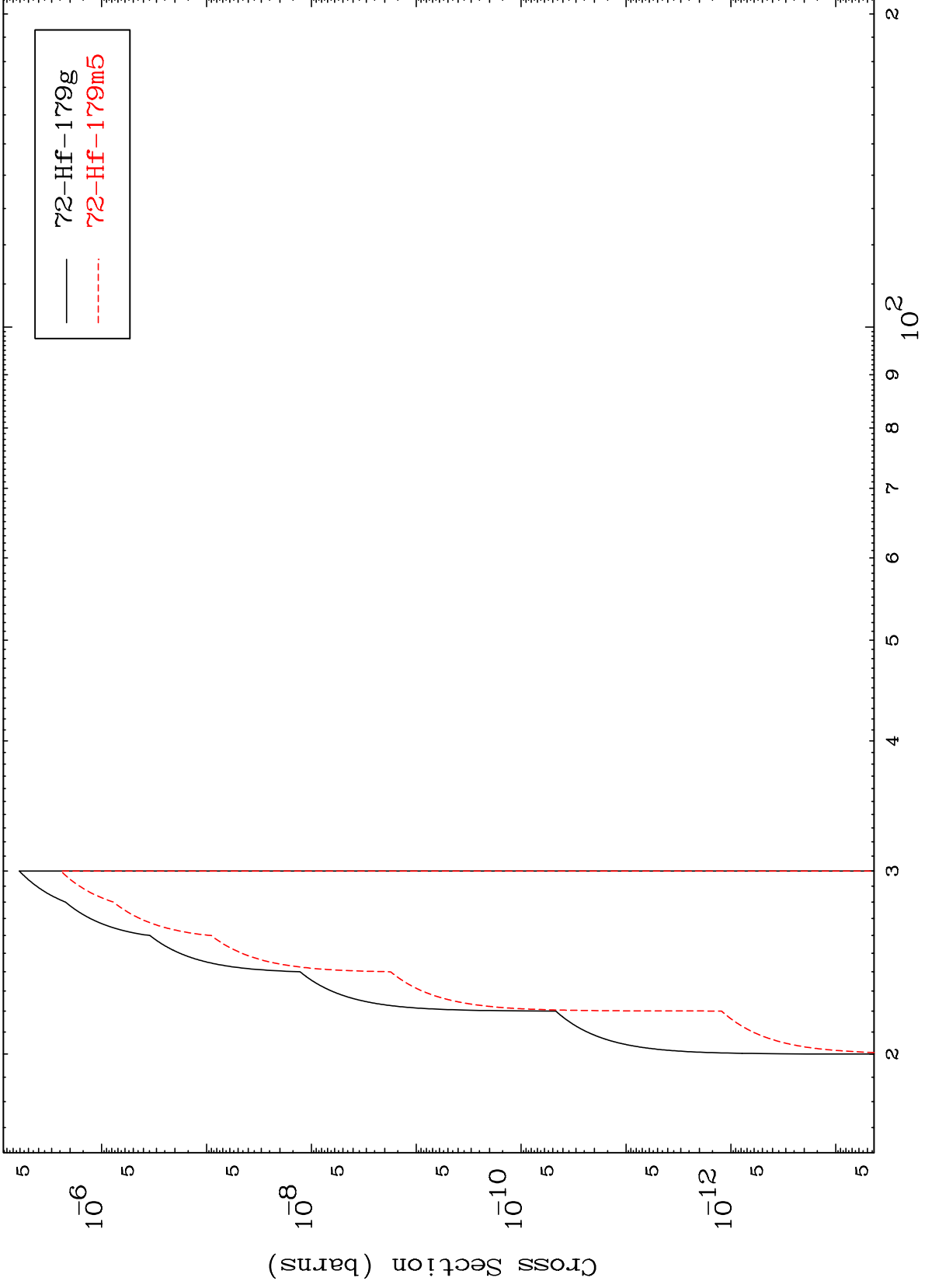
72-Hf-180g
72-Hf-180m5

14

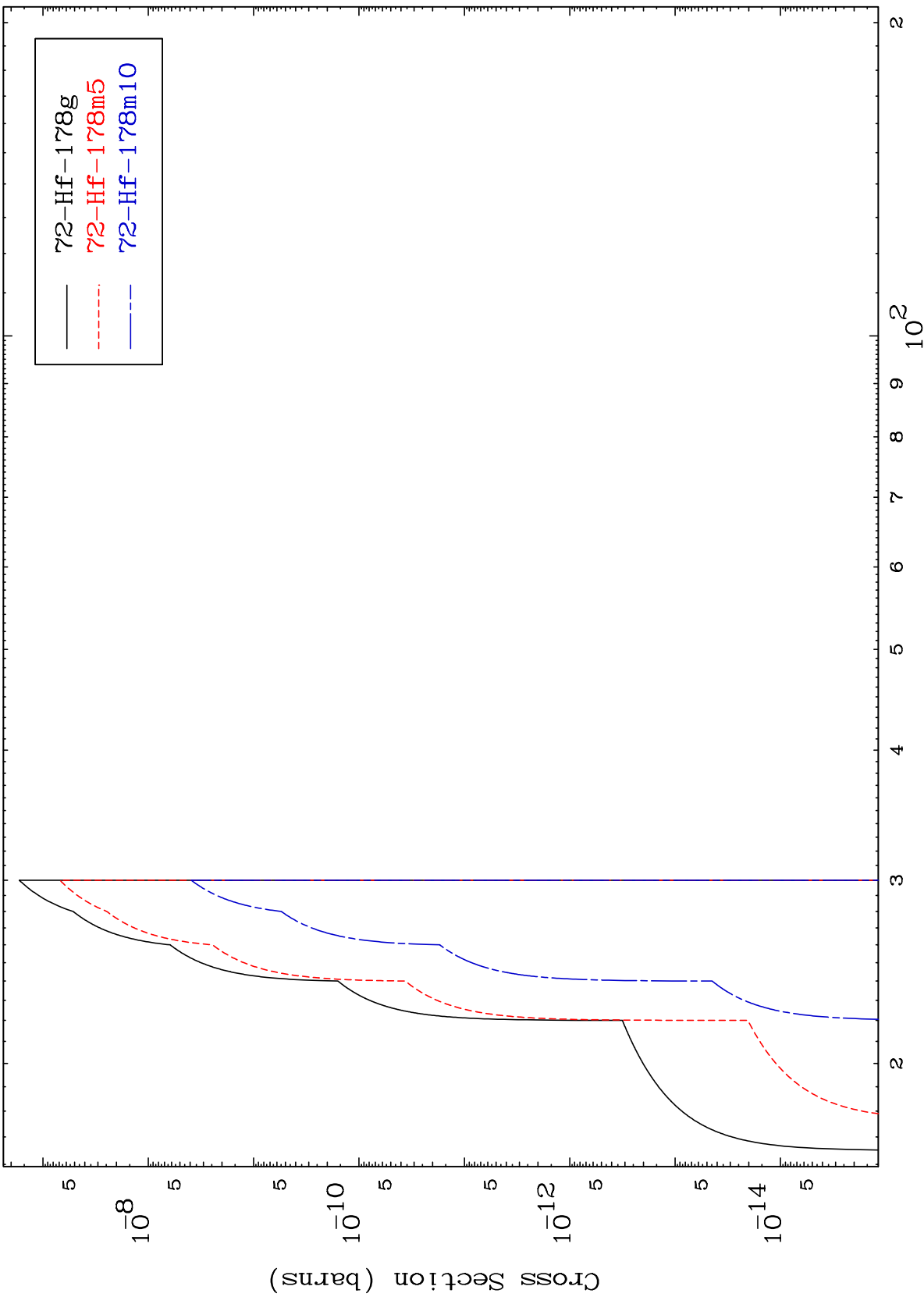
Incident Energy (MeV)

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

Radionuclide Production Cross Section



Radionuclide Production Cross Section

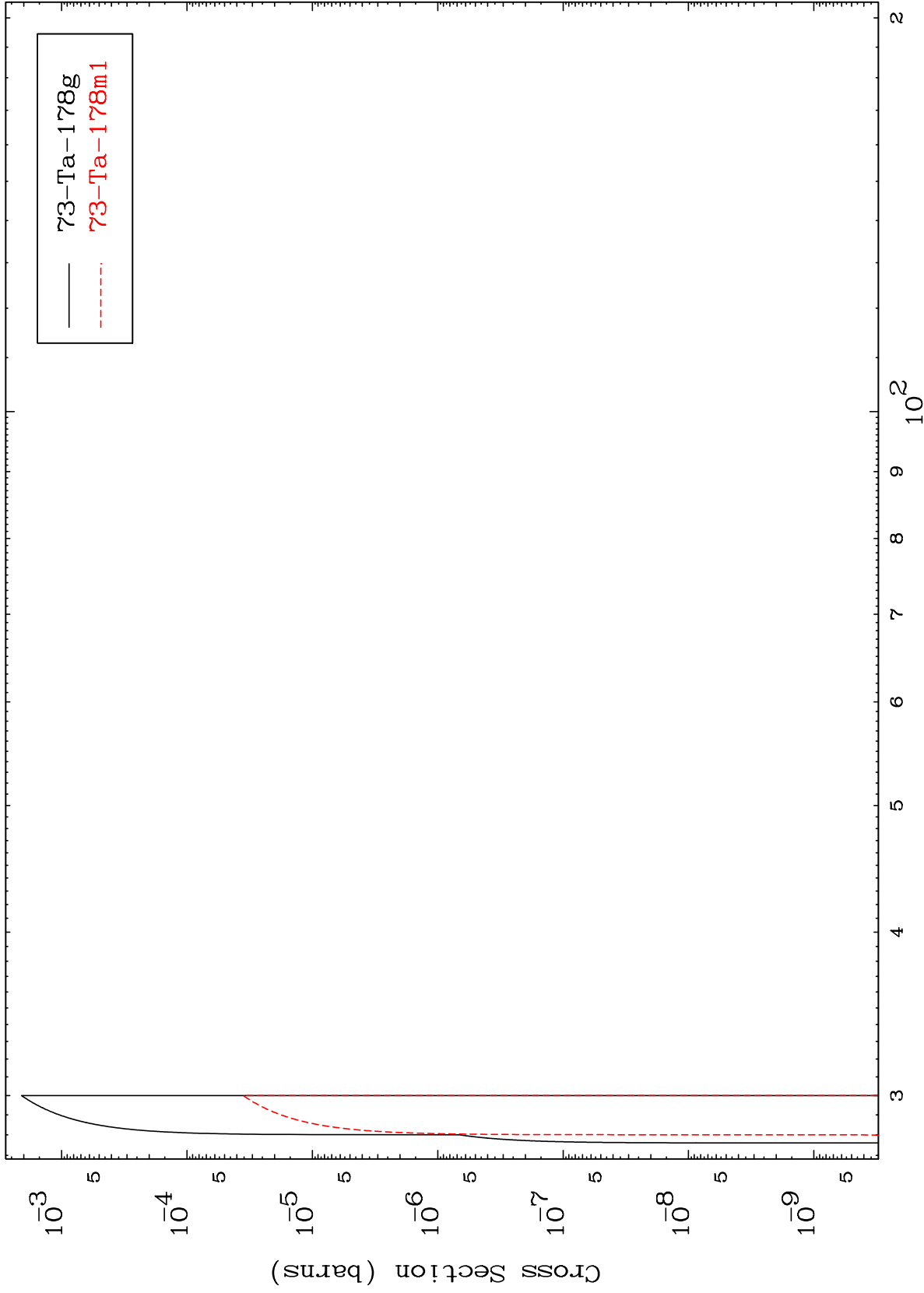


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($\gamma, 4n$)

⁷³Ta-182

Radionuclide Production Cross Section



17

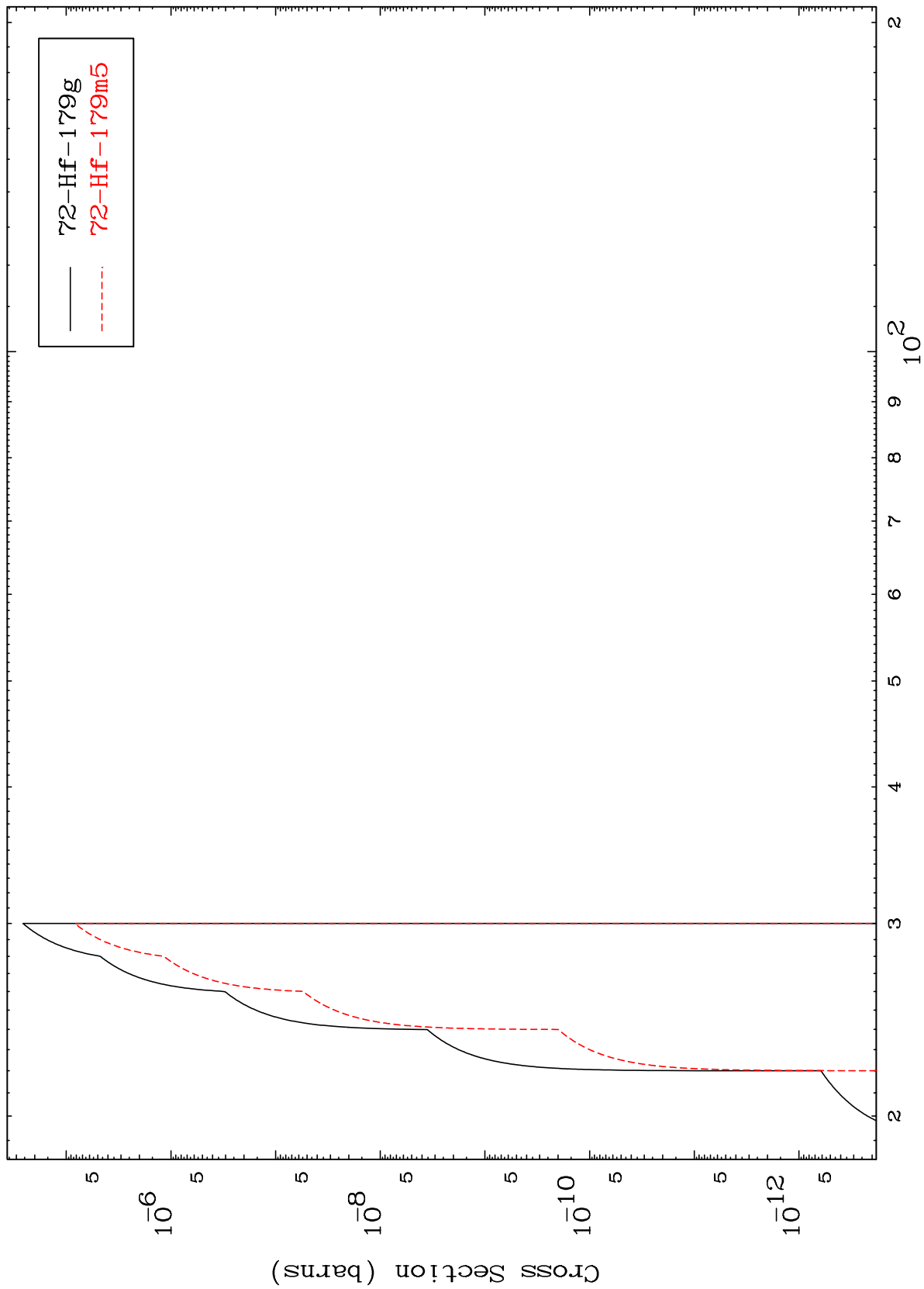
Incident Energy (MeV)

⁷³Ta-182

MAT 7332

73-Ta-182

$(\gamma, 2n)$ p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

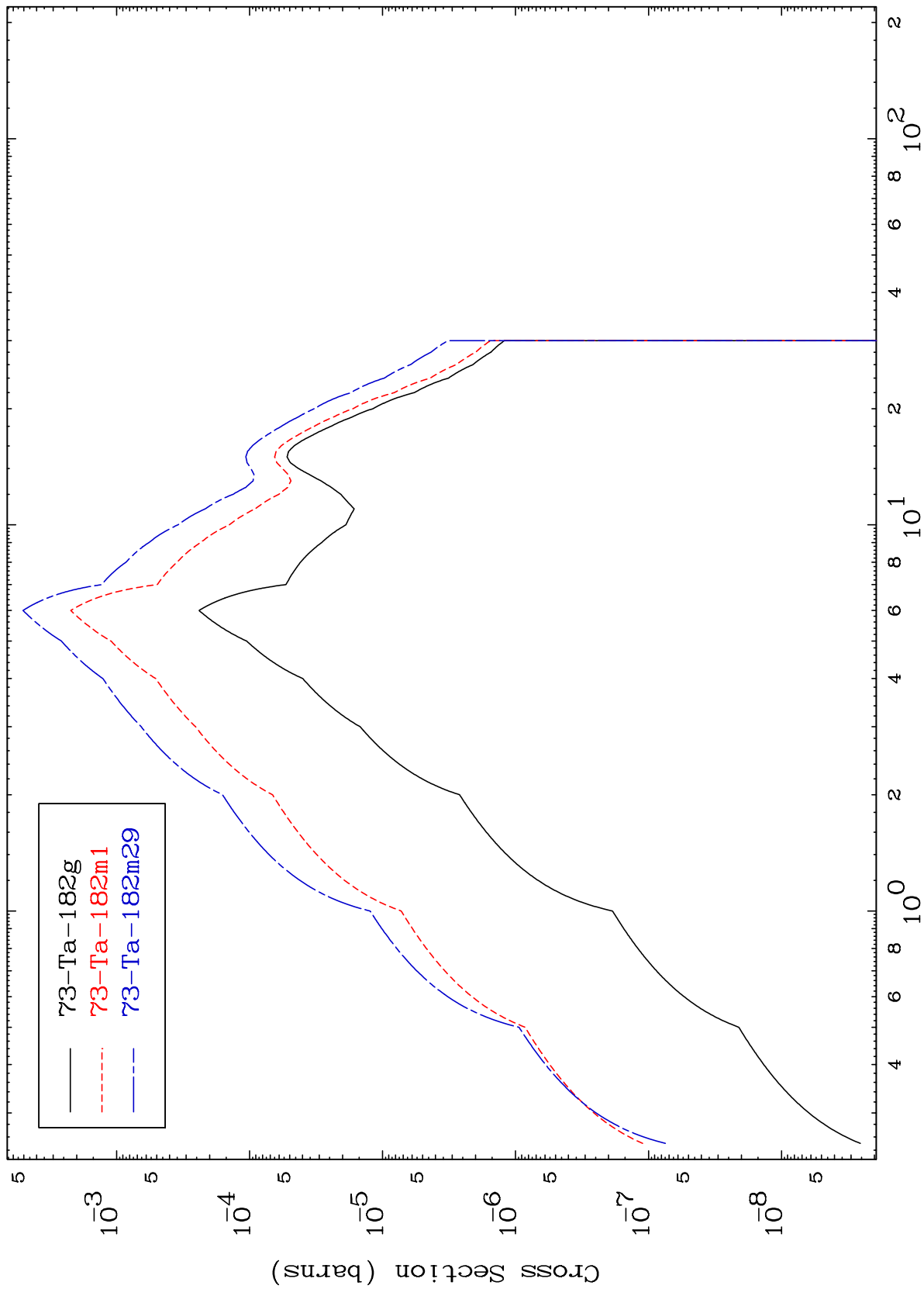
73-Ta-182

MAT 7332

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

Radionuclide Production Cross Section

(γ, γ)

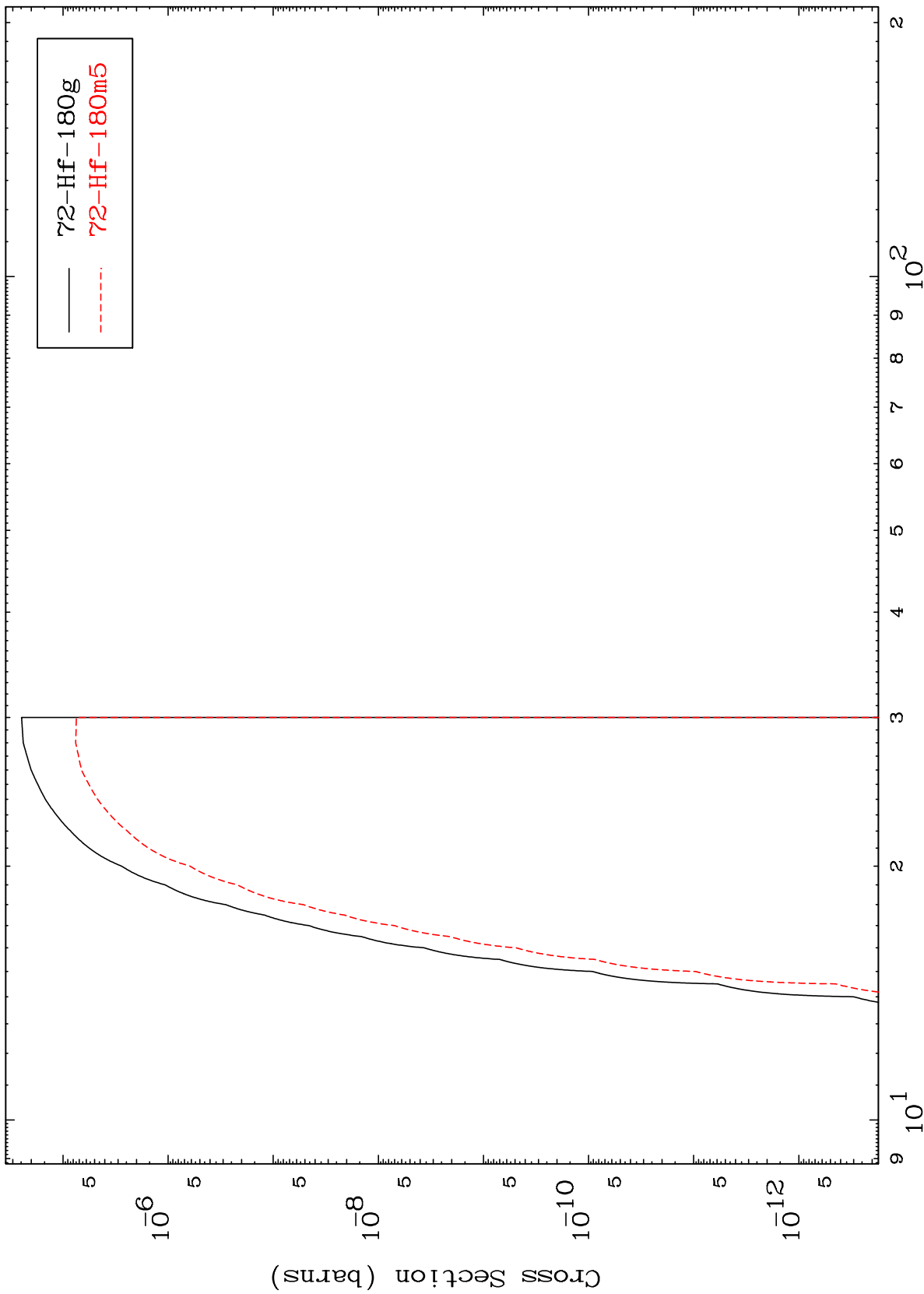


Legend:
— $^{73}\text{Ta-182g}$
- - $^{73}\text{Ta-182m1}$
- - $^{73}\text{Ta-182m29}$

MAT 7332

73-Ta-182

(γ, d)
Radionuclide Production Cross Section



73-Ta-182

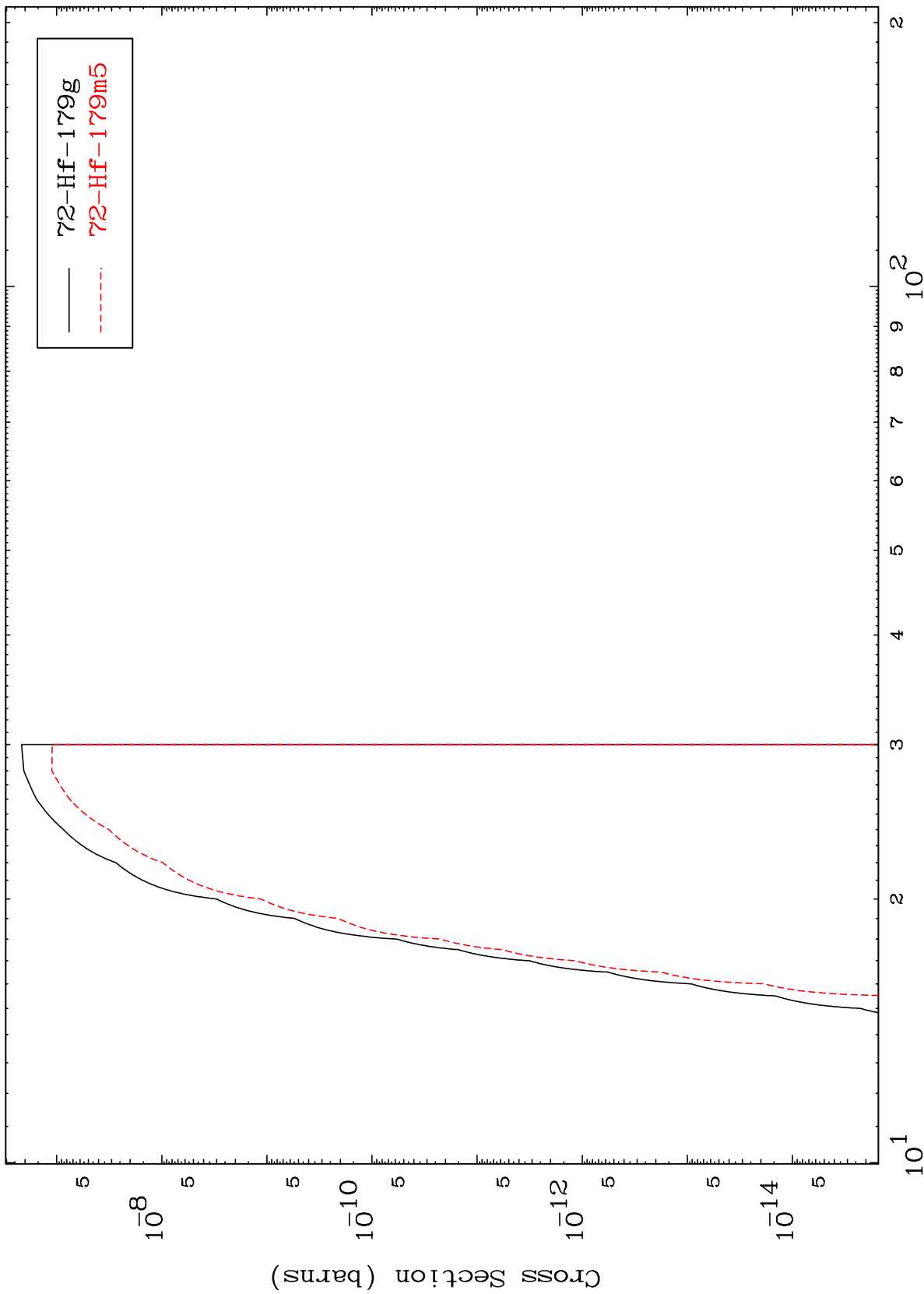
Incident Energy (MeV)

20

MAT 7332

73-Ta-182

(γ, t)
Radionuclide Production Cross Section



73-Ta-182

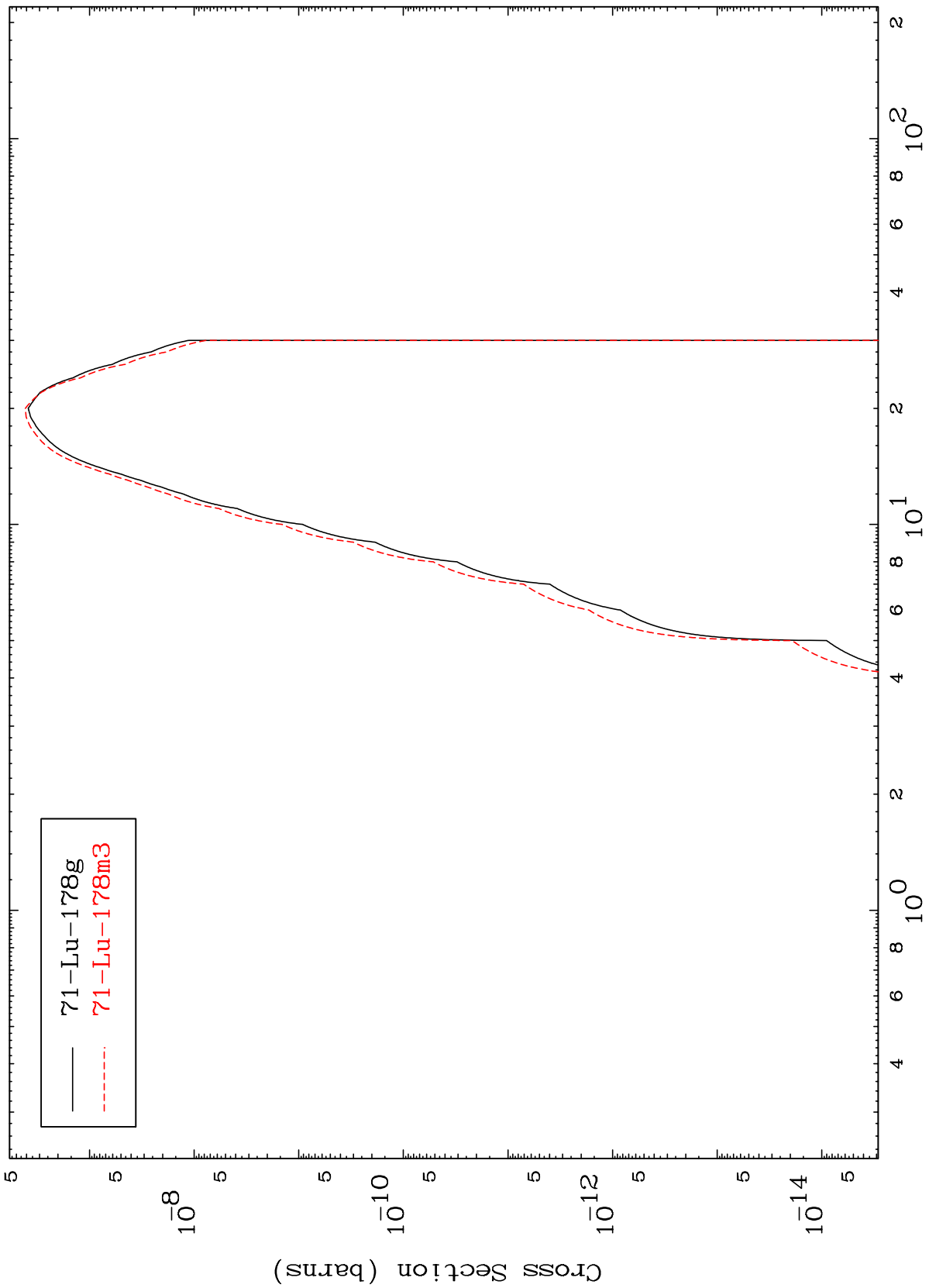
Incident Energy (MeV)

21

MAT 7332

⁷³Ta-182

(γ, α)
Radionuclide Production Cross Section



— 71-Lu-178g
- - - 71-Lu-178m3