

Program EVALPLOT
(Version 2018-1)

by

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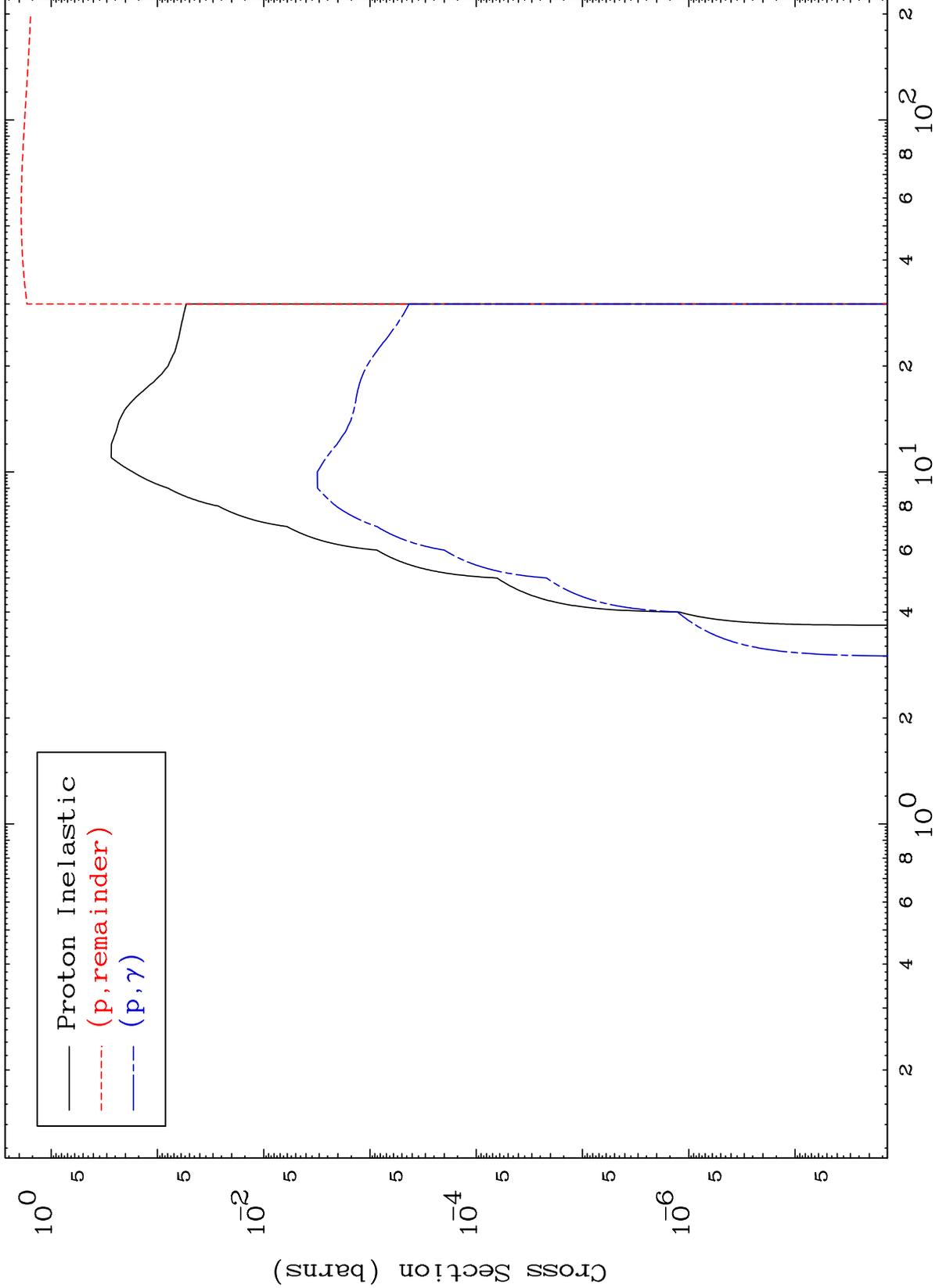
Press Mouse Button to Start

MAT 7713

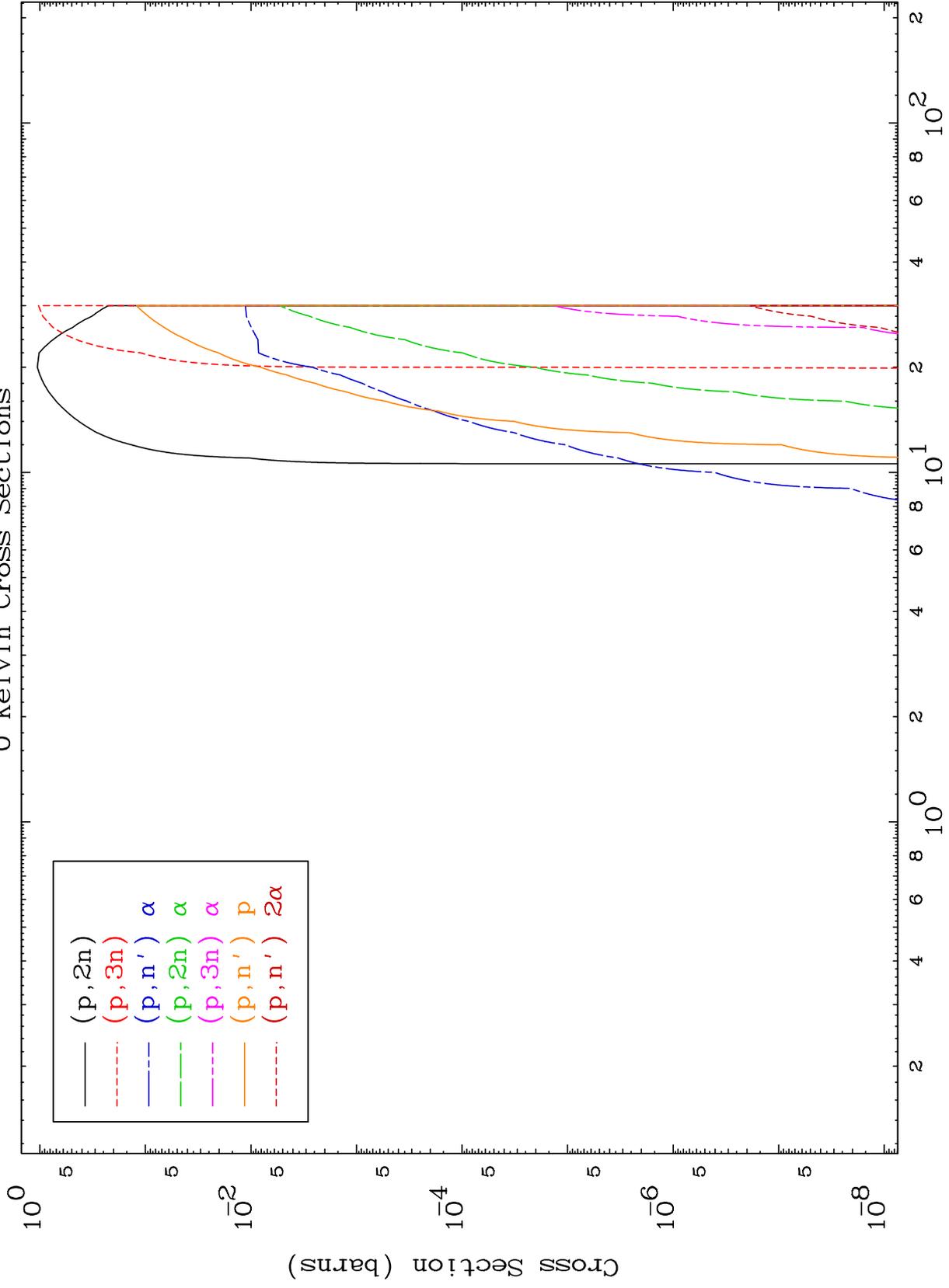
Proton Major

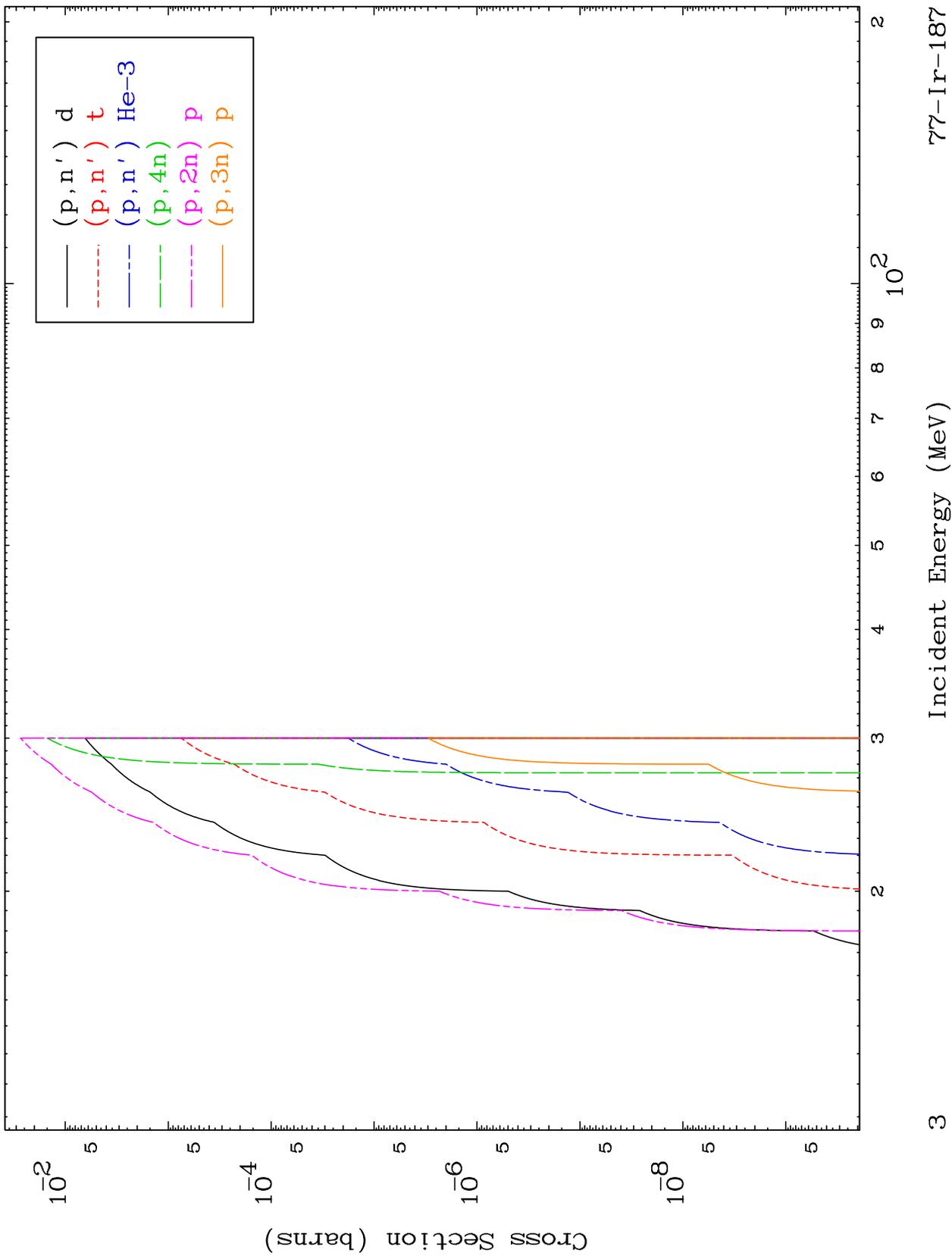
77-Ir-187

0 Kelvin Cross Sections



— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)

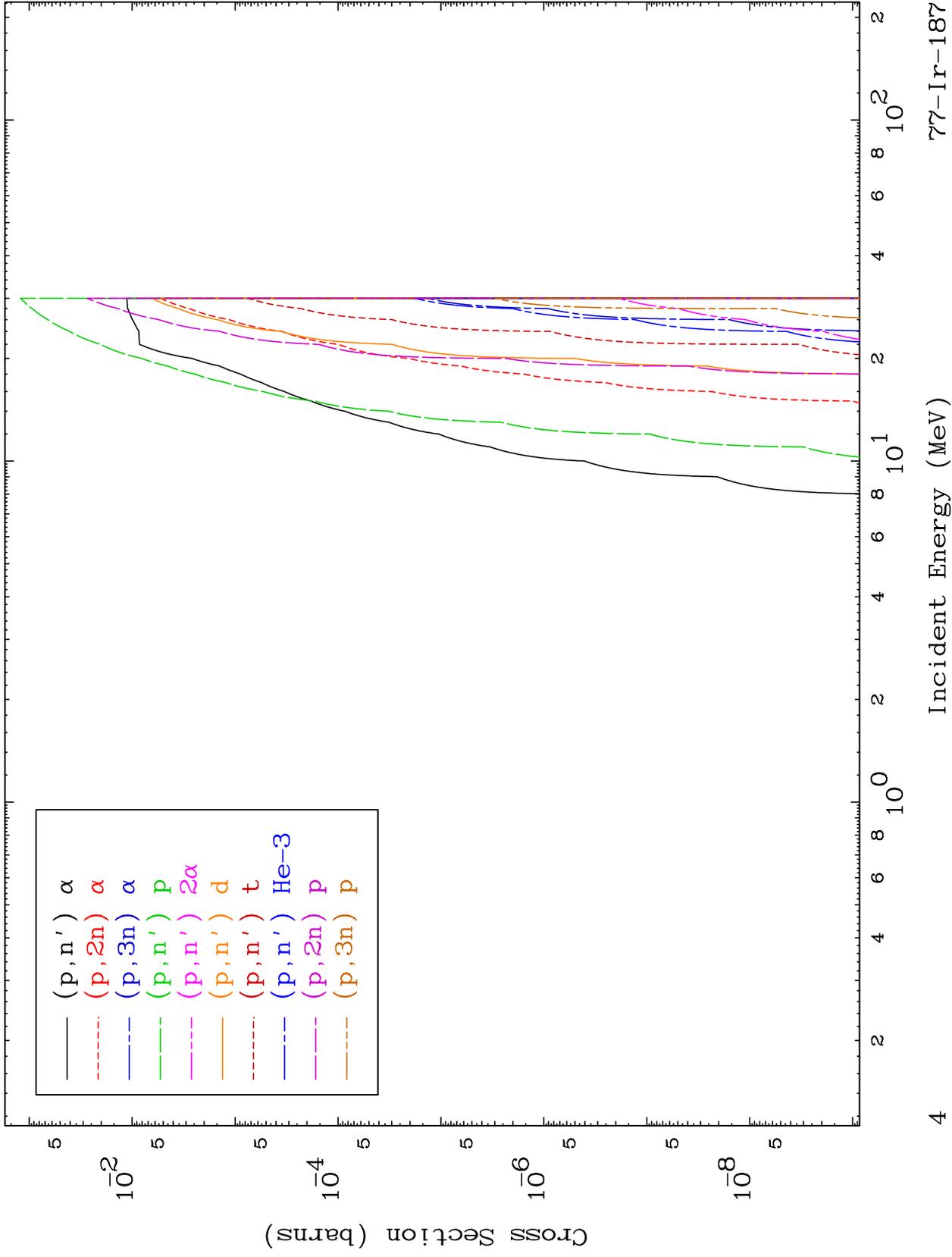


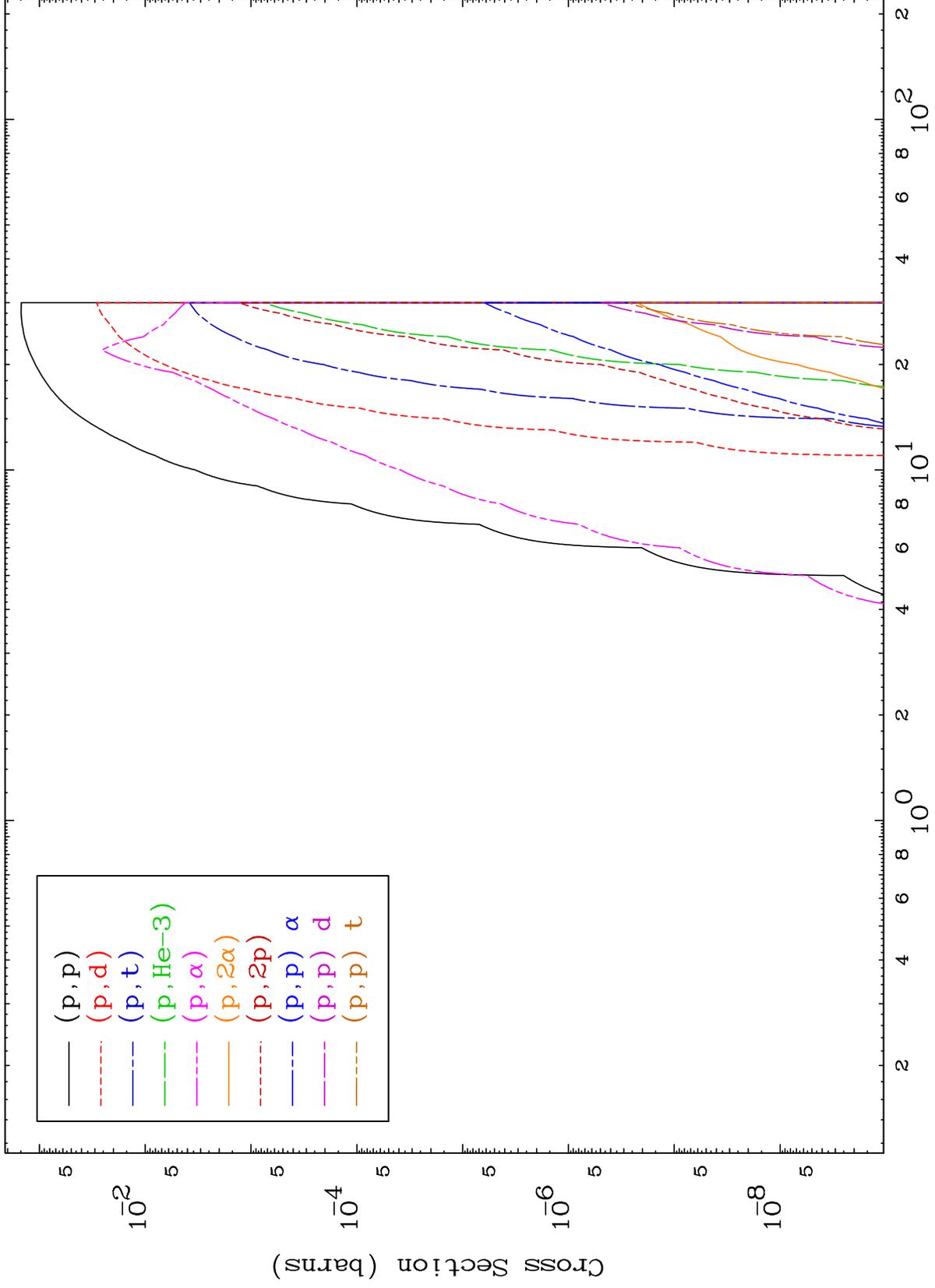


MAT 7713

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-187



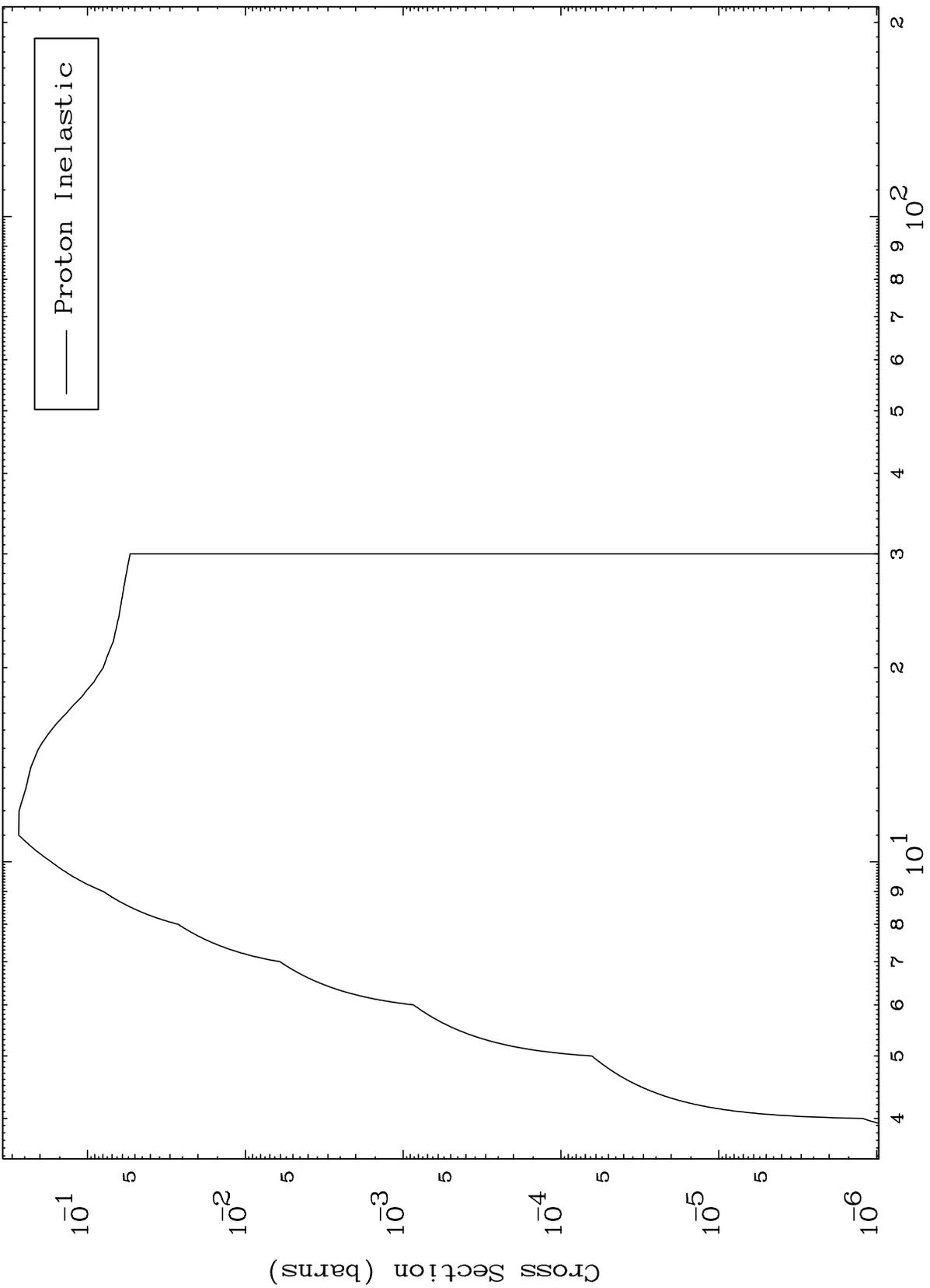


MAT 7713

(p,n') Level

77-Ir-187

0 Kelvin Cross Sections



Incident Energy (MeV)

77-Ir-187

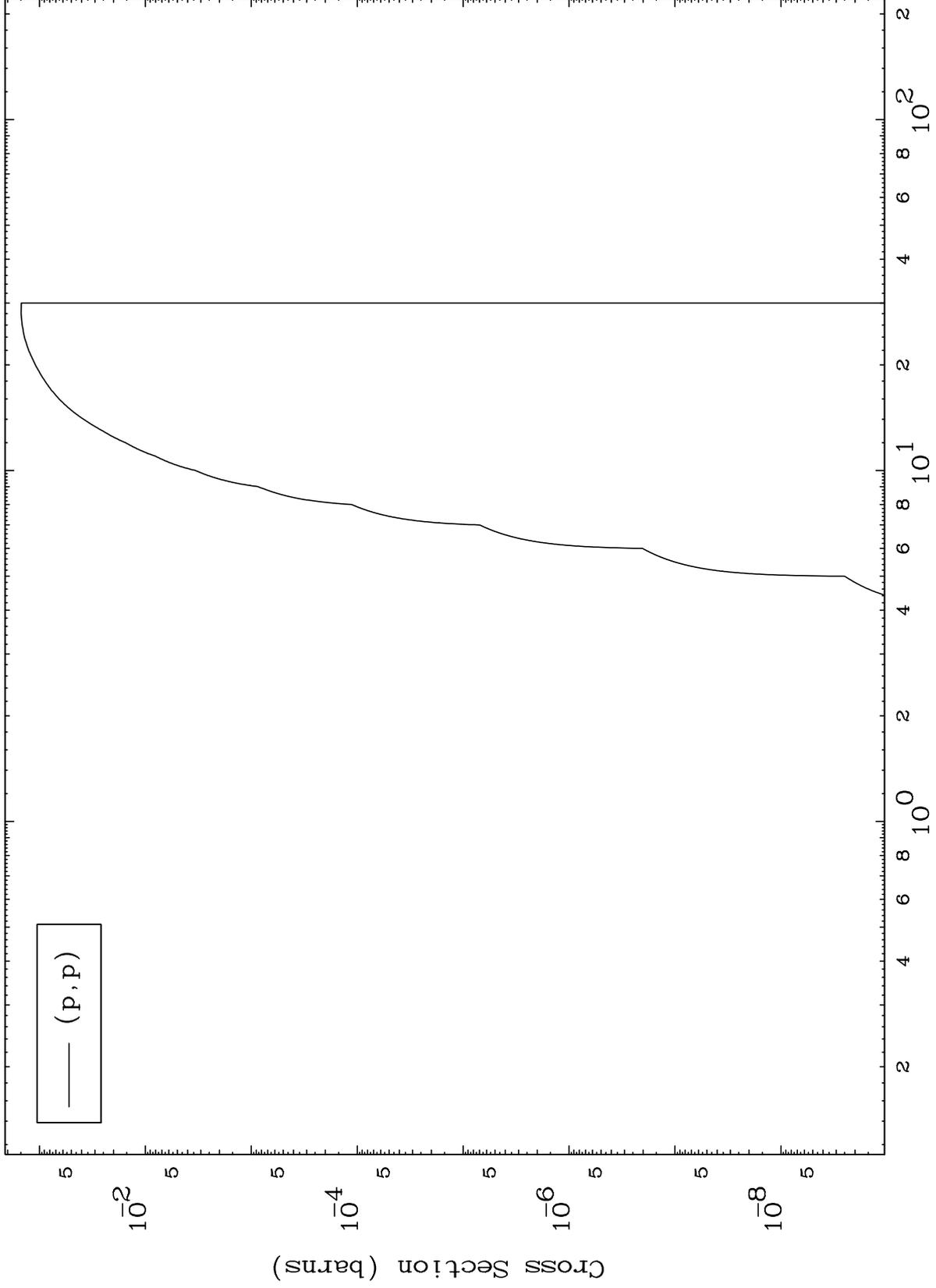
6

MAT 7713

(p,p) Levels

⁷⁷Ir-187

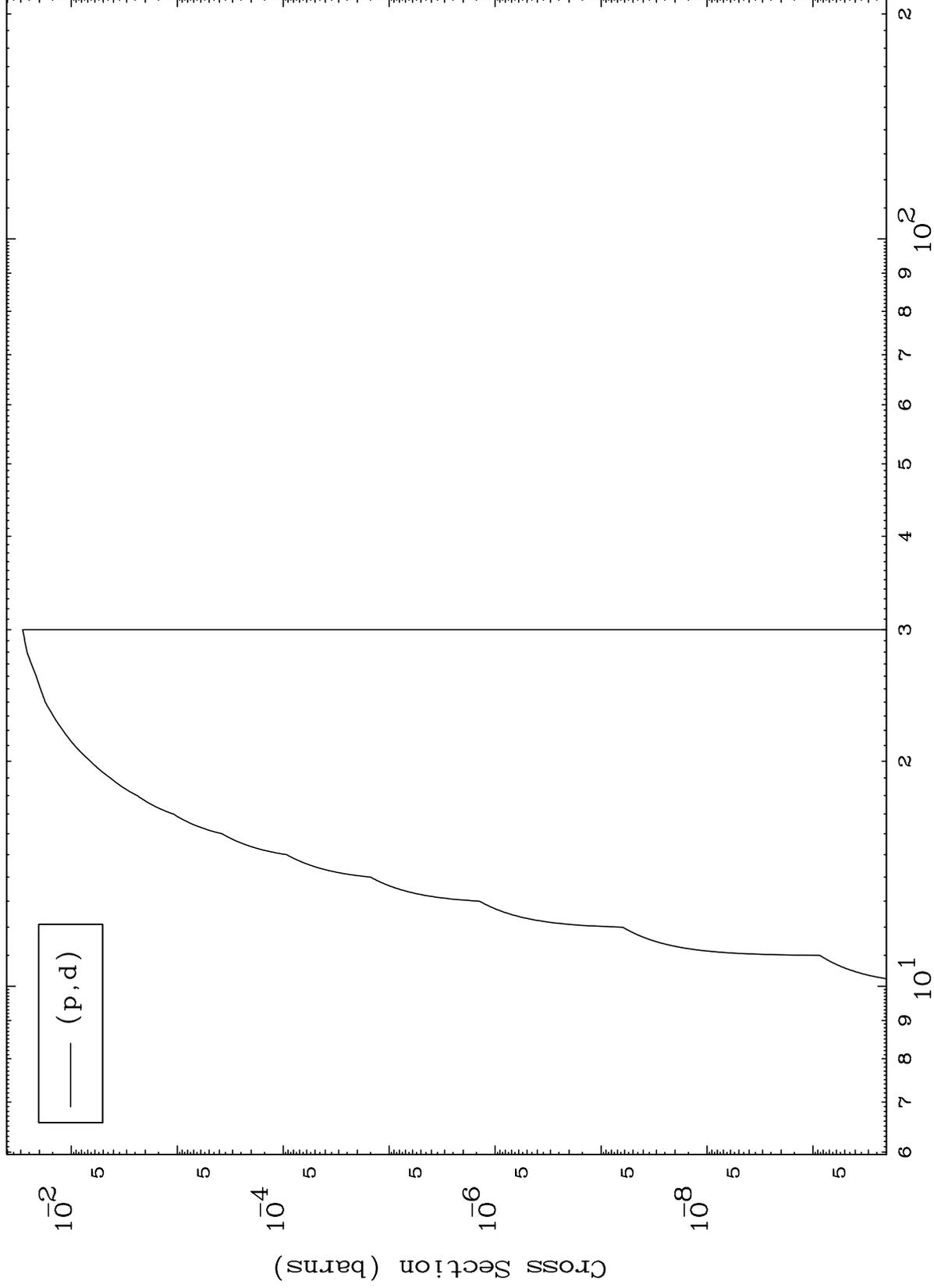
0 Kelvin Cross Sections



MAT 7713

(p,d) Levels
0 Kelvin Cross Sections

77-Ir-187



8

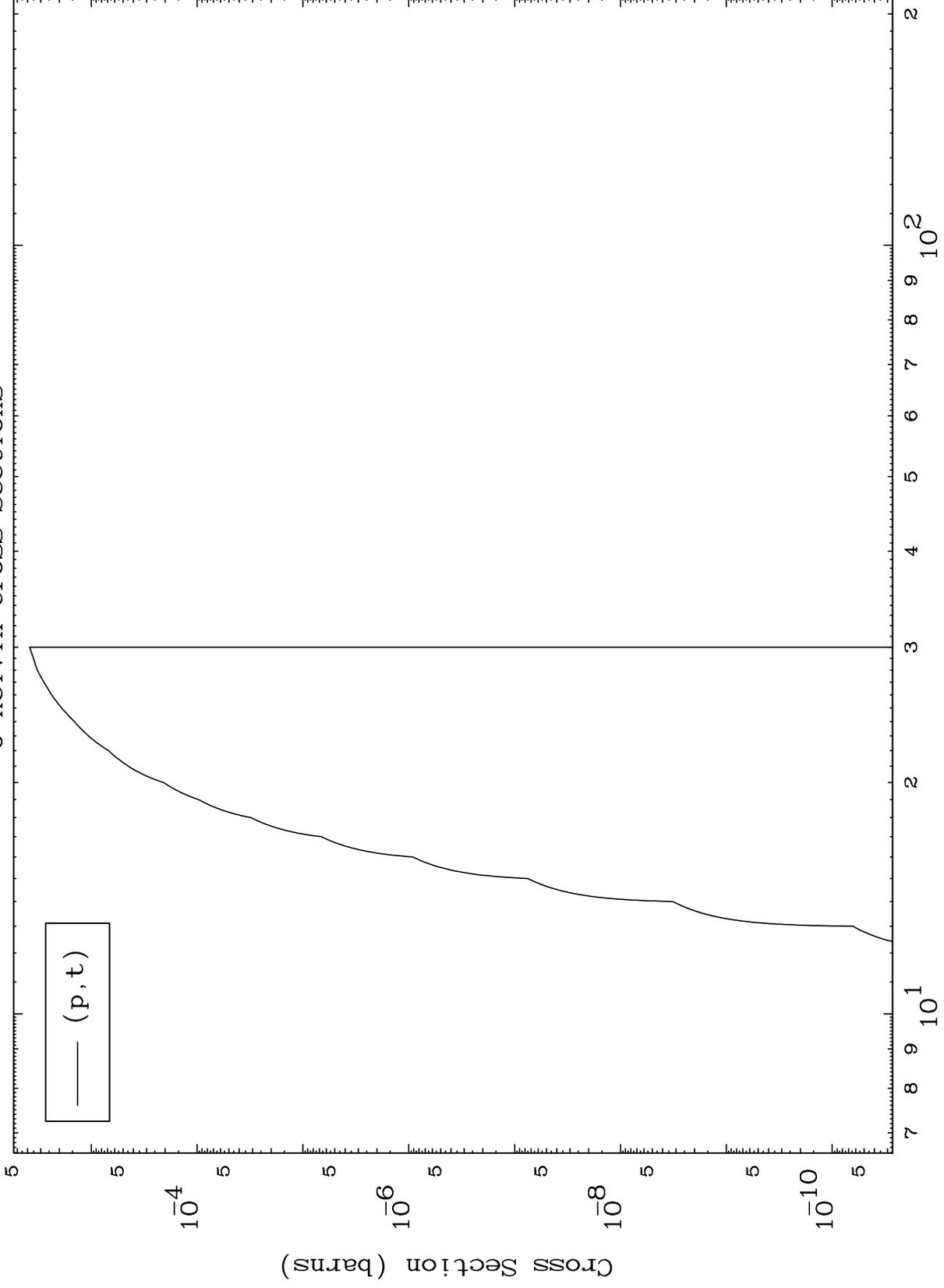
Incident Energy (MeV)

77-Ir-187

MAT 7713

(p,t) Levels
0 Kelvin Cross Sections

77-Ir-187



9

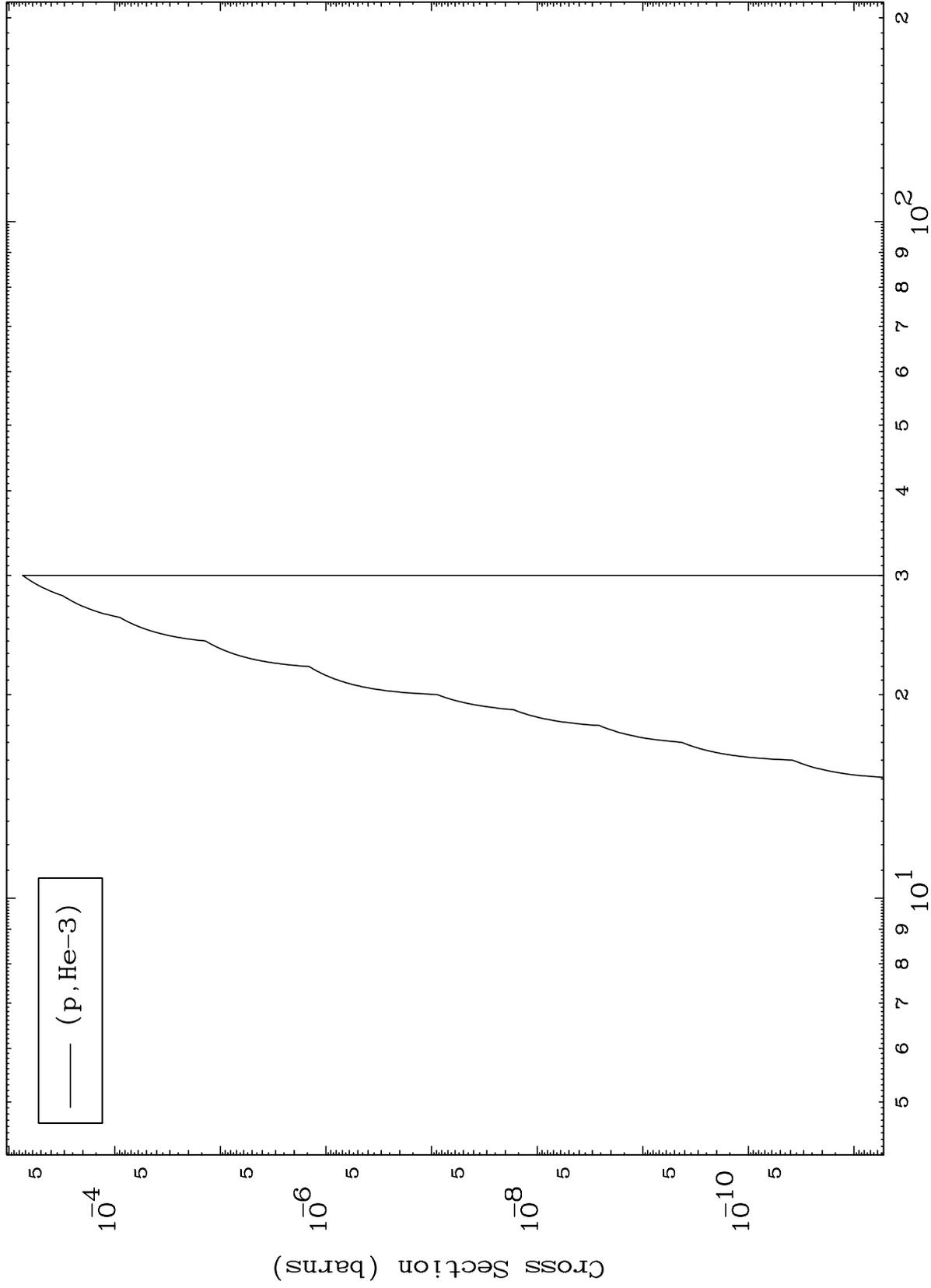
Incident Energy (MeV)

77-Ir-187

MAT 7713

(p,He3) Levels
0 Kelvin Cross Sections

77-Ir-187



10

Incident Energy (MeV)

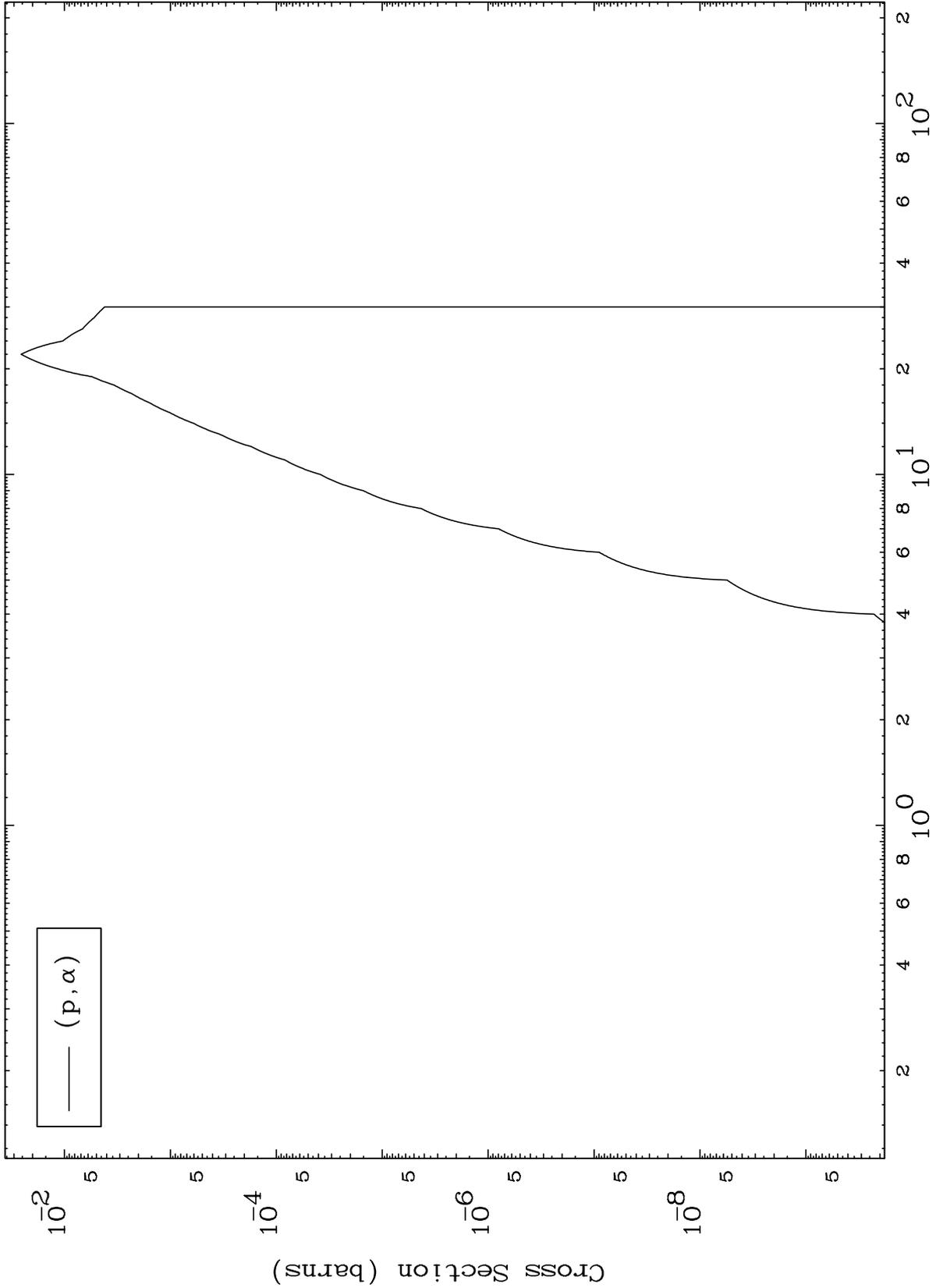
77-Ir-187

MAT 7713

(p, α) Levels

77-Ir-187

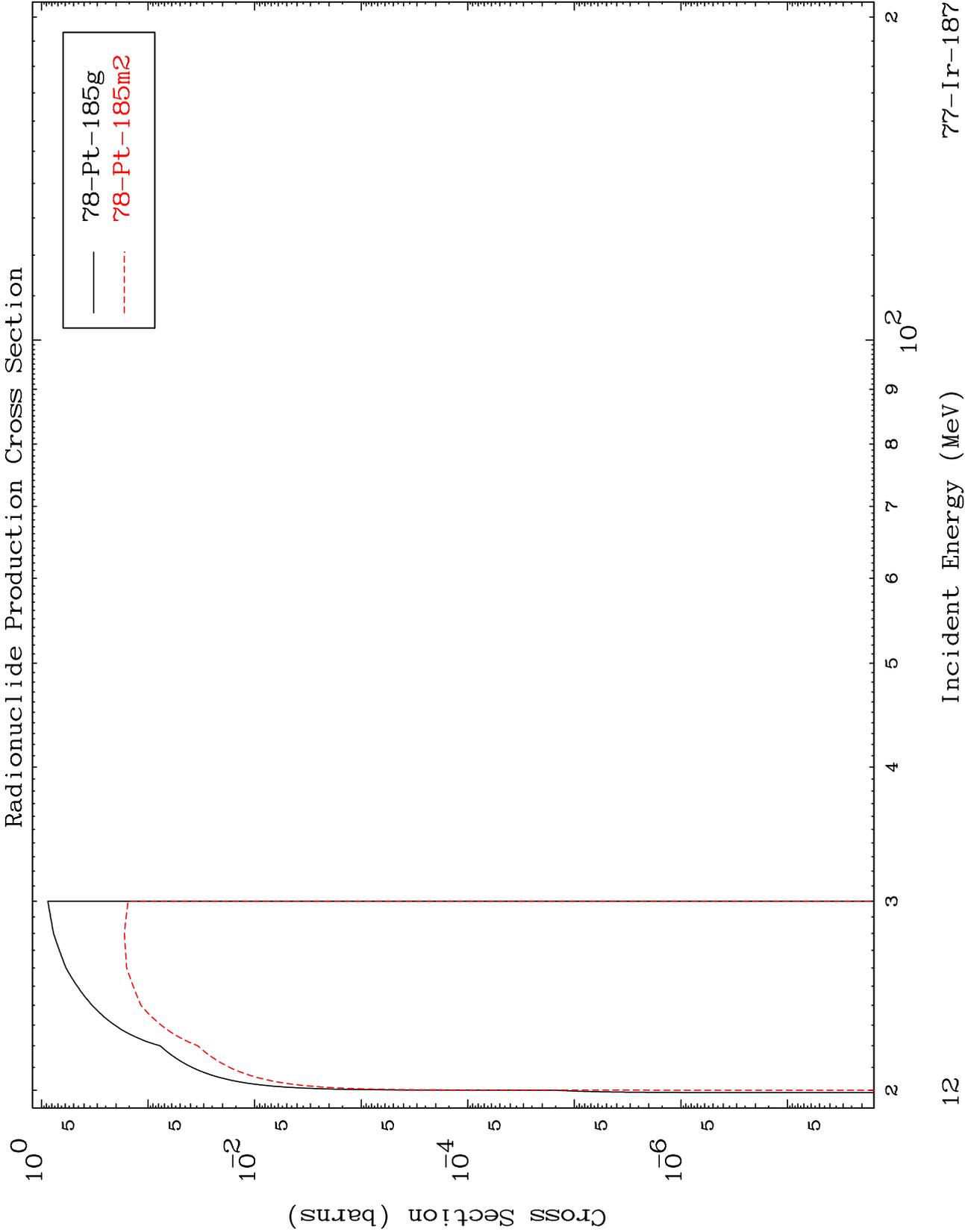
0 Kelvin Cross Sections



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(p,3n)

77-Ir-187



12

Incident Energy (MeV)

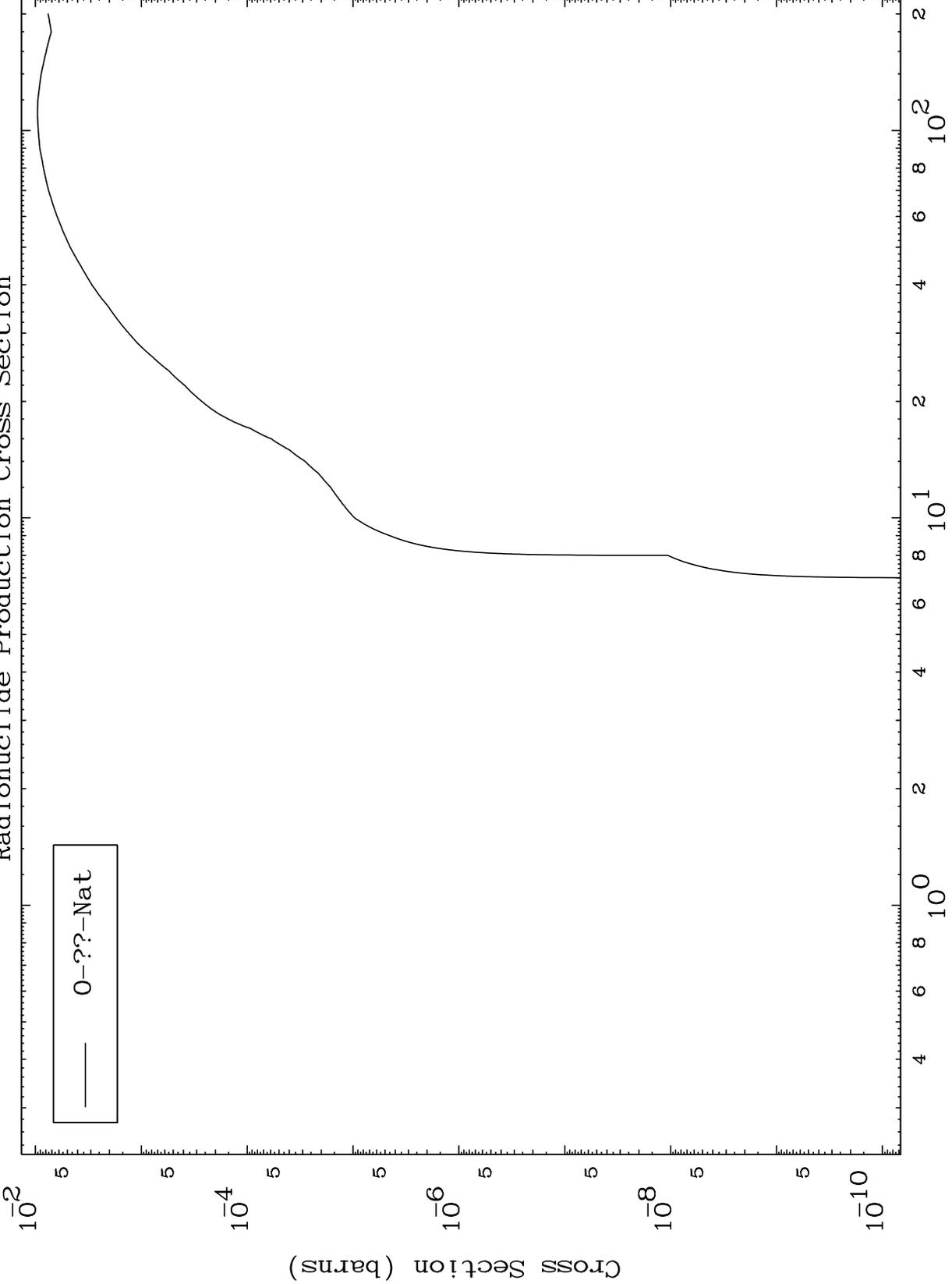
77-Ir-187

MAT 7713

Proton Fission

⁷⁷Ir-187

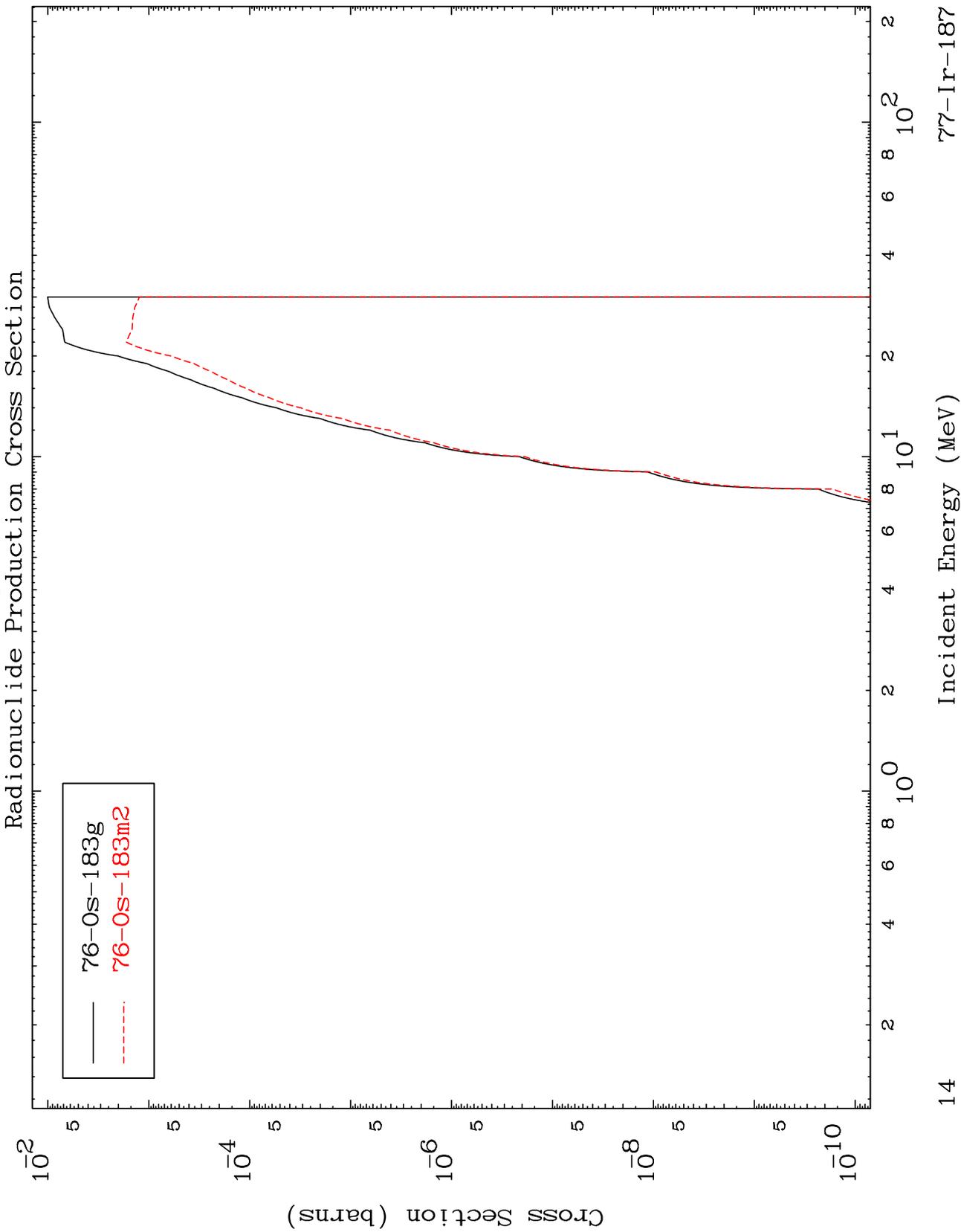
Radionuclide Production Cross Section



MAT 7713

(p,n') α

⁷⁷Ir-187

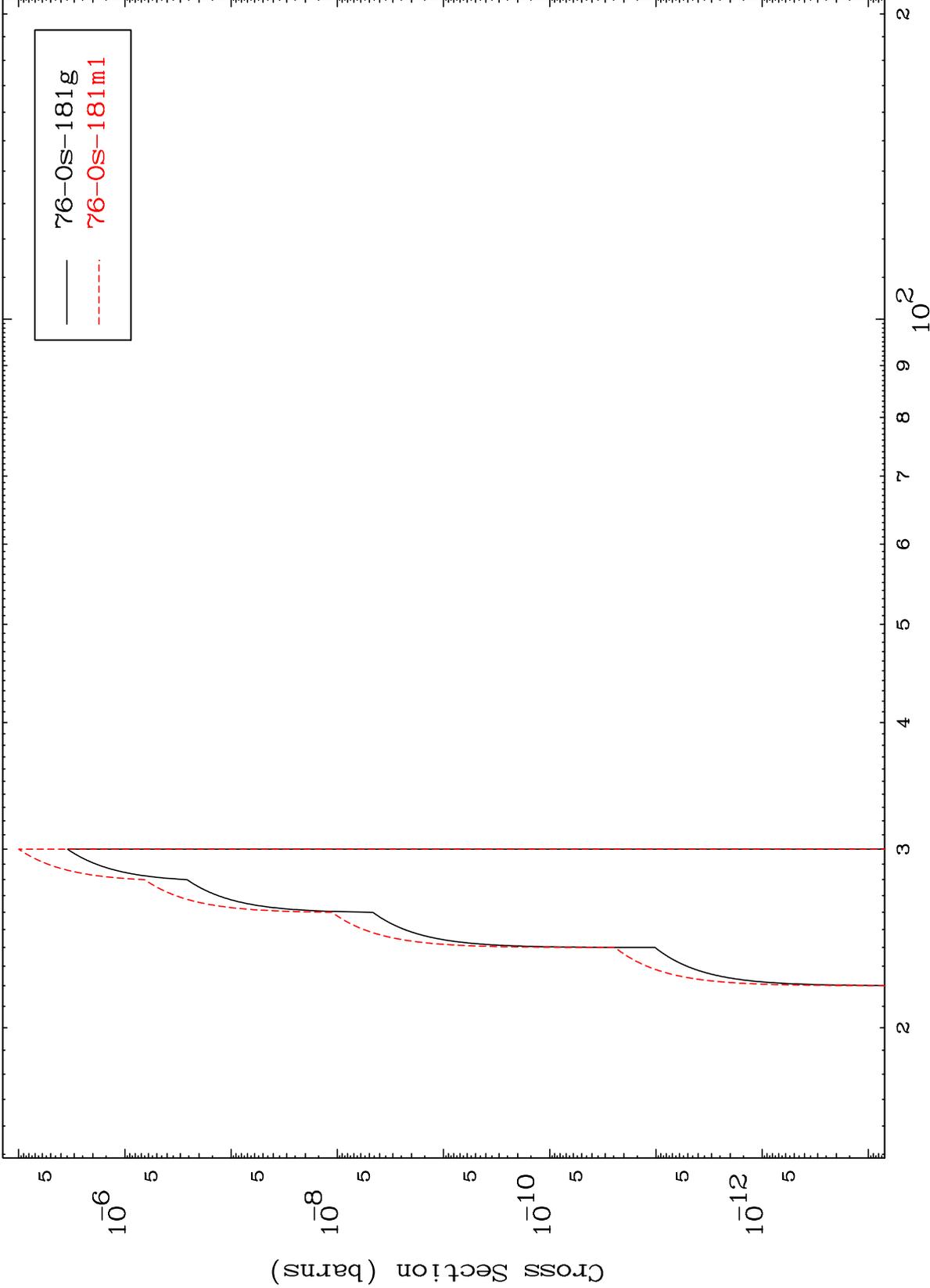


MAT 7713

(p,3n) α

⁷⁷Ir-187

Radionuclide Production Cross Section



76-Os-181g
76-Os-181m1

15

Incident Energy (MeV)

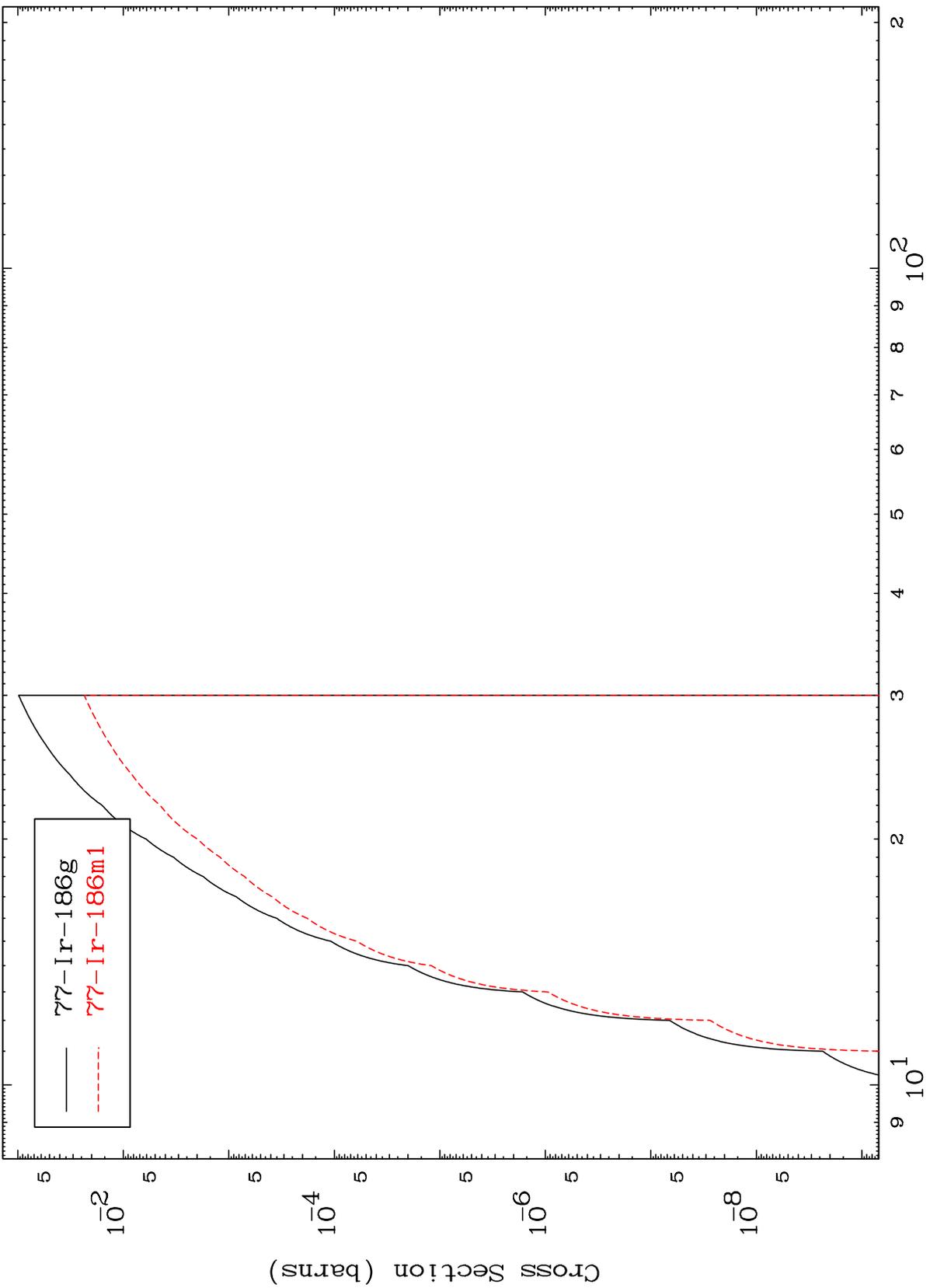
⁷⁷Ir-187

MAT 7713

(p,n') p

⁷⁷Ir-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

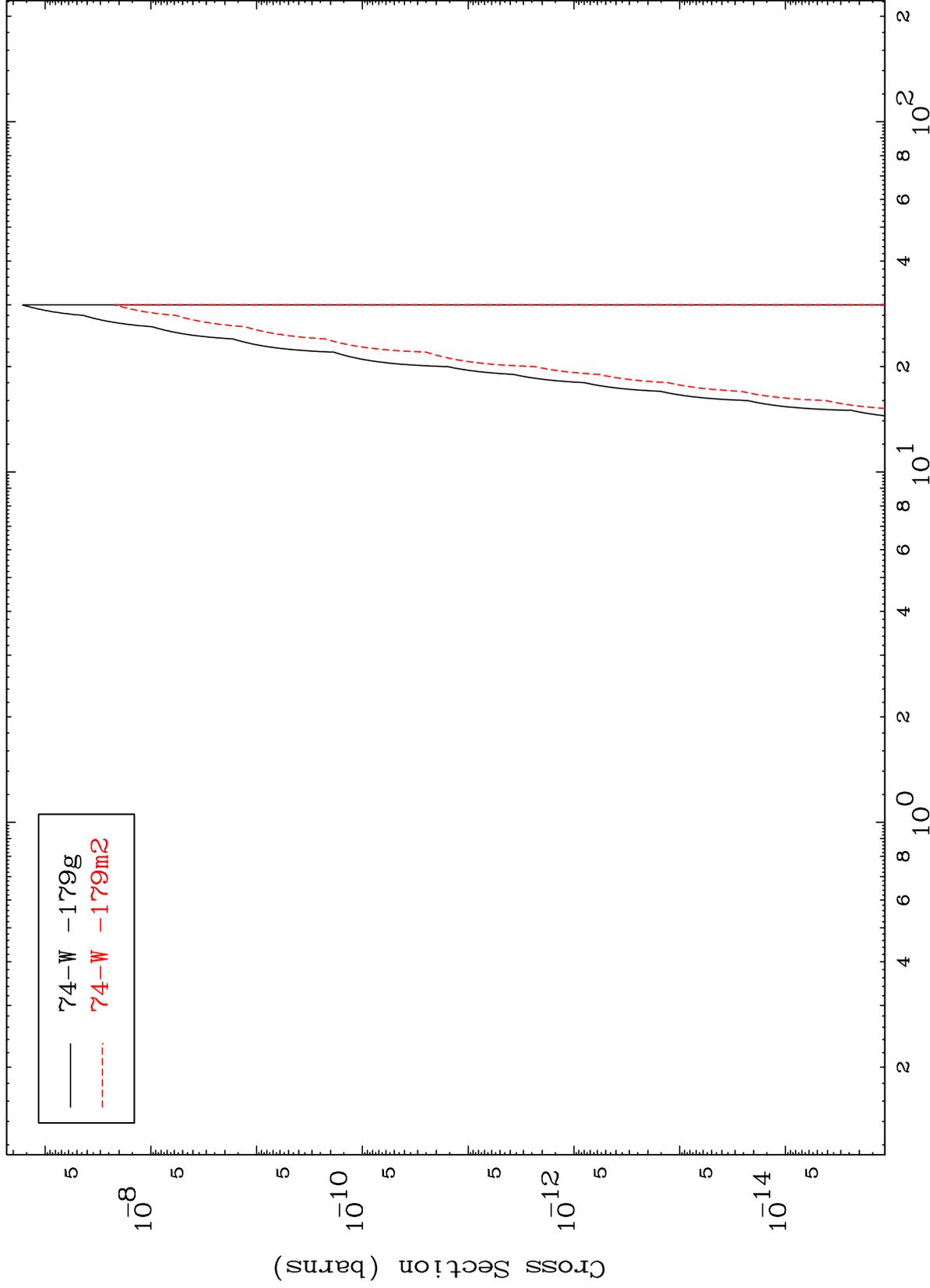
⁷⁷Ir-187

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(p,n') 2α

77-Ir-187

Radionuclide Production Cross Section



17

Incident Energy (MeV)

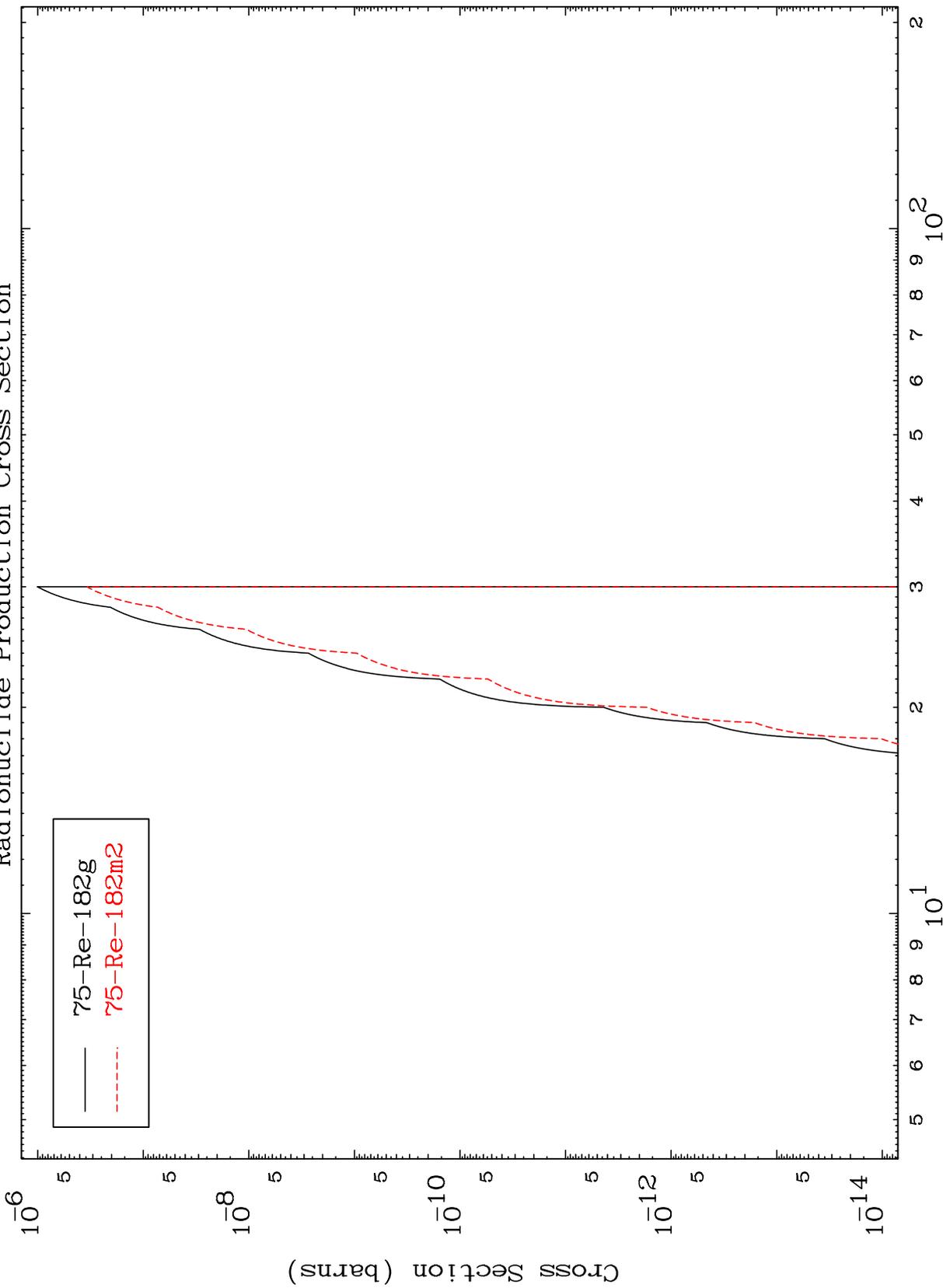
77-Ir-187

MAT 7713

(p,n') p α

⁷⁷Ir-187

Radionuclide Production Cross Section



— 75-Re-182g
- - - 75-Re-182m2

Incident Energy (MeV)

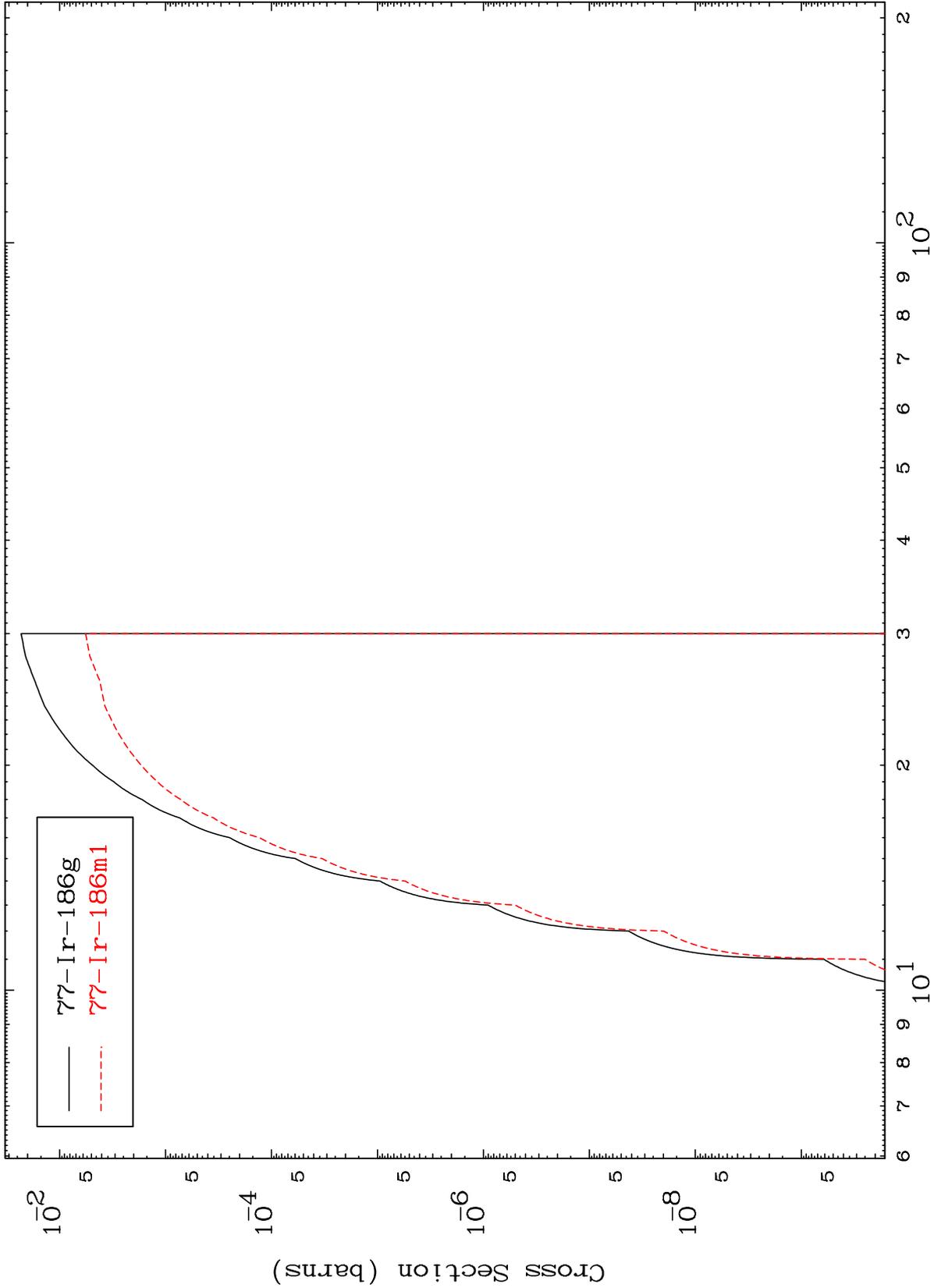
⁷⁷Ir-187

18

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⁷⁷Ir-187

(p,d)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

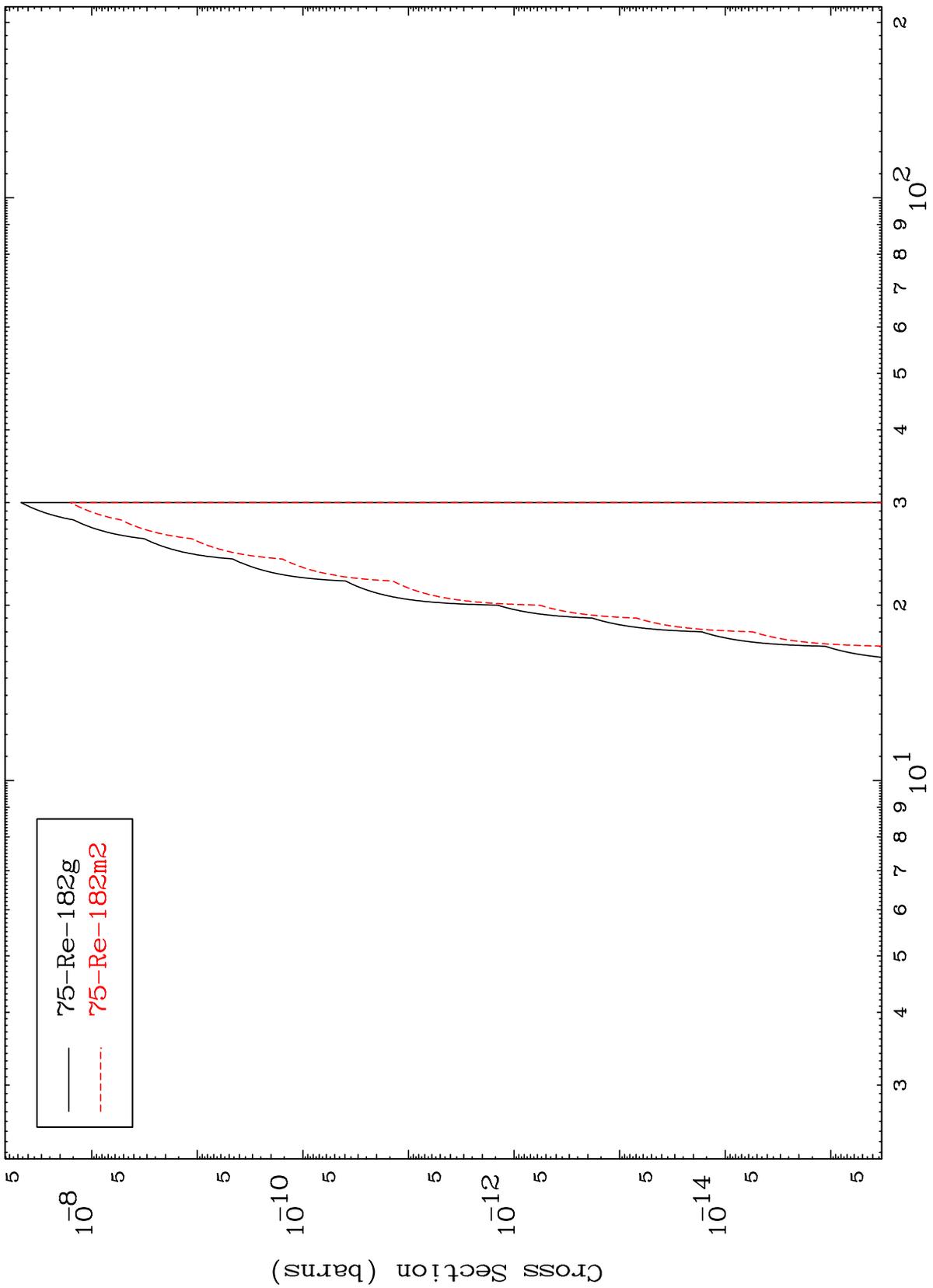
⁷⁷Ir-187

MAT 7713

(p,d) α

⁷⁷Ir-187

Radionuclide Production Cross Section



— 75-Re-182g
- - - 75-Re-182m2

Incident Energy (MeV)

⁷⁷Ir-187

20