

Program EVALPLOT
(Version 2018-1)

by

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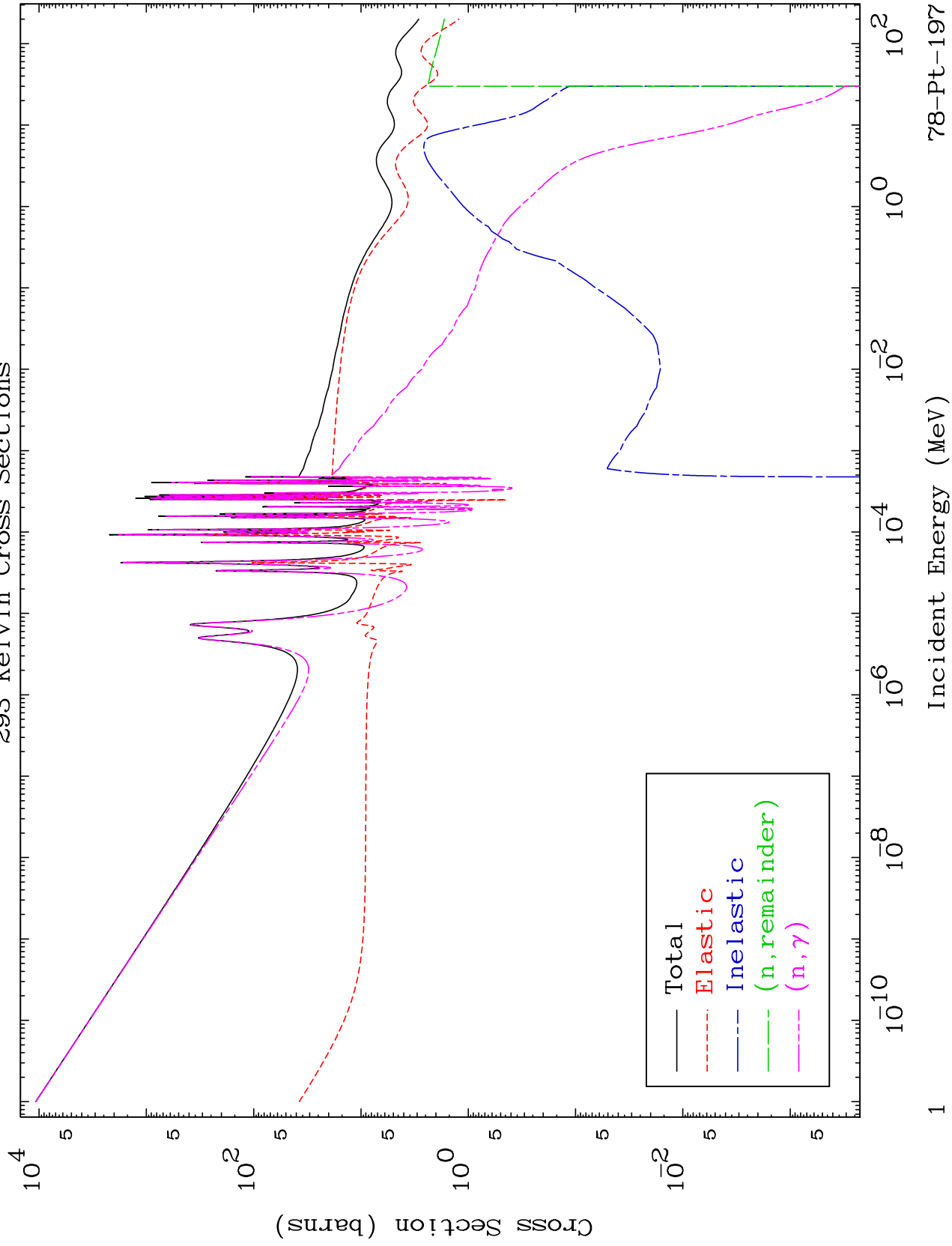
Press Mouse Button to Start

MAT 7847

Major

293 Kelvin Cross Sections

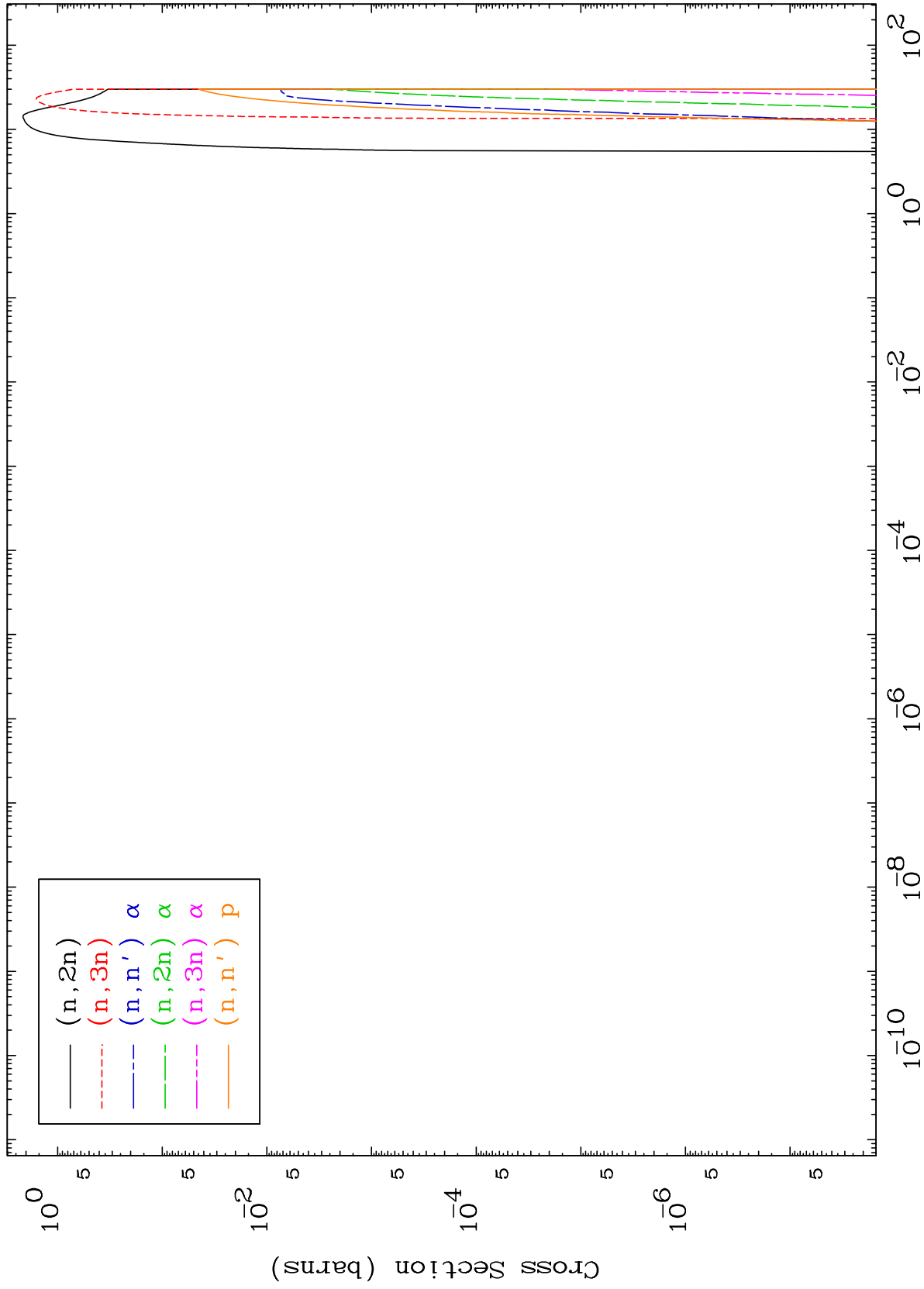
78-Pt-197



MAT 7847

Neutron Production
293 Kelvin Cross Sections

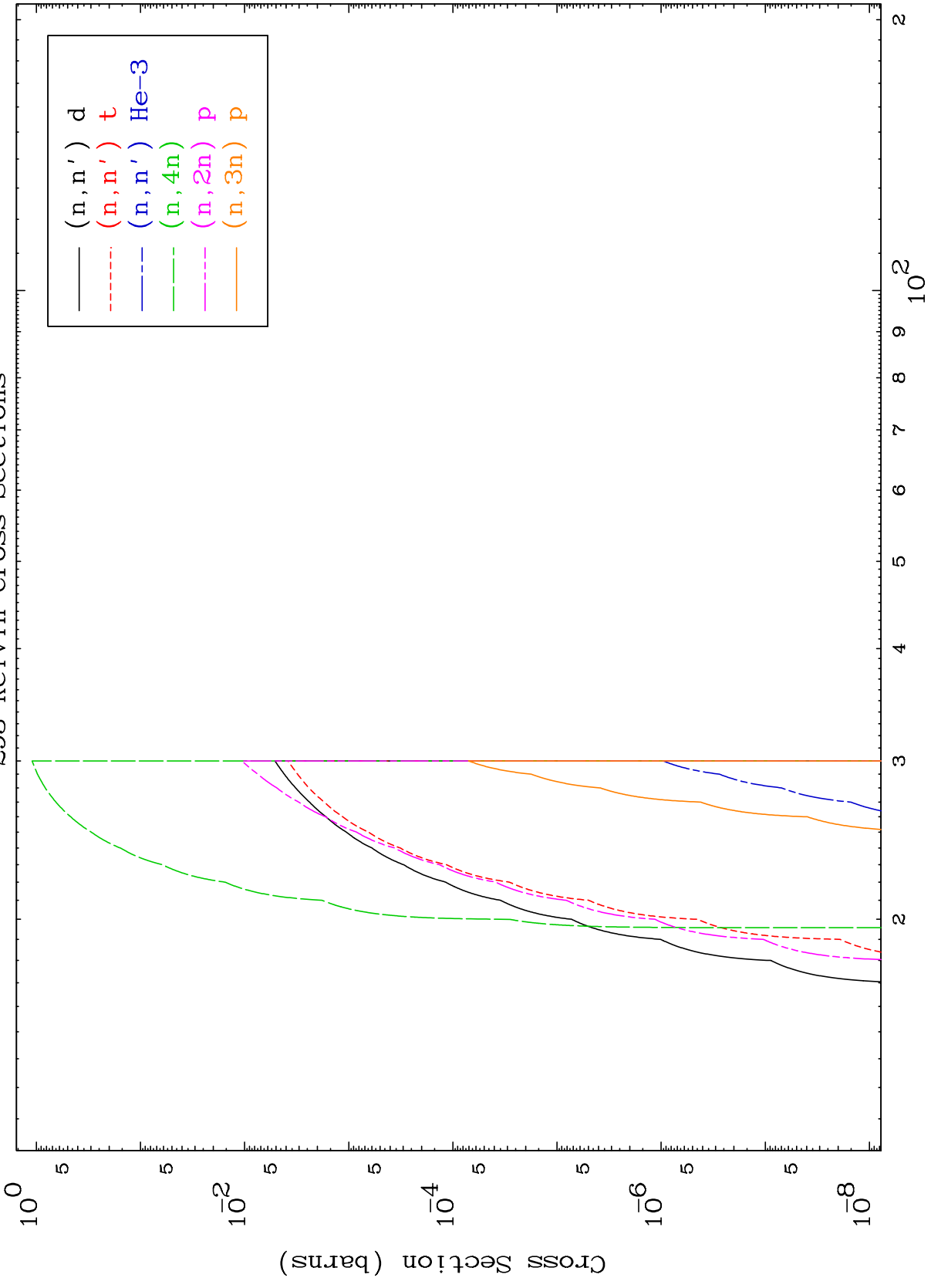
78-Pt-197



2

Incident Energy (MeV)

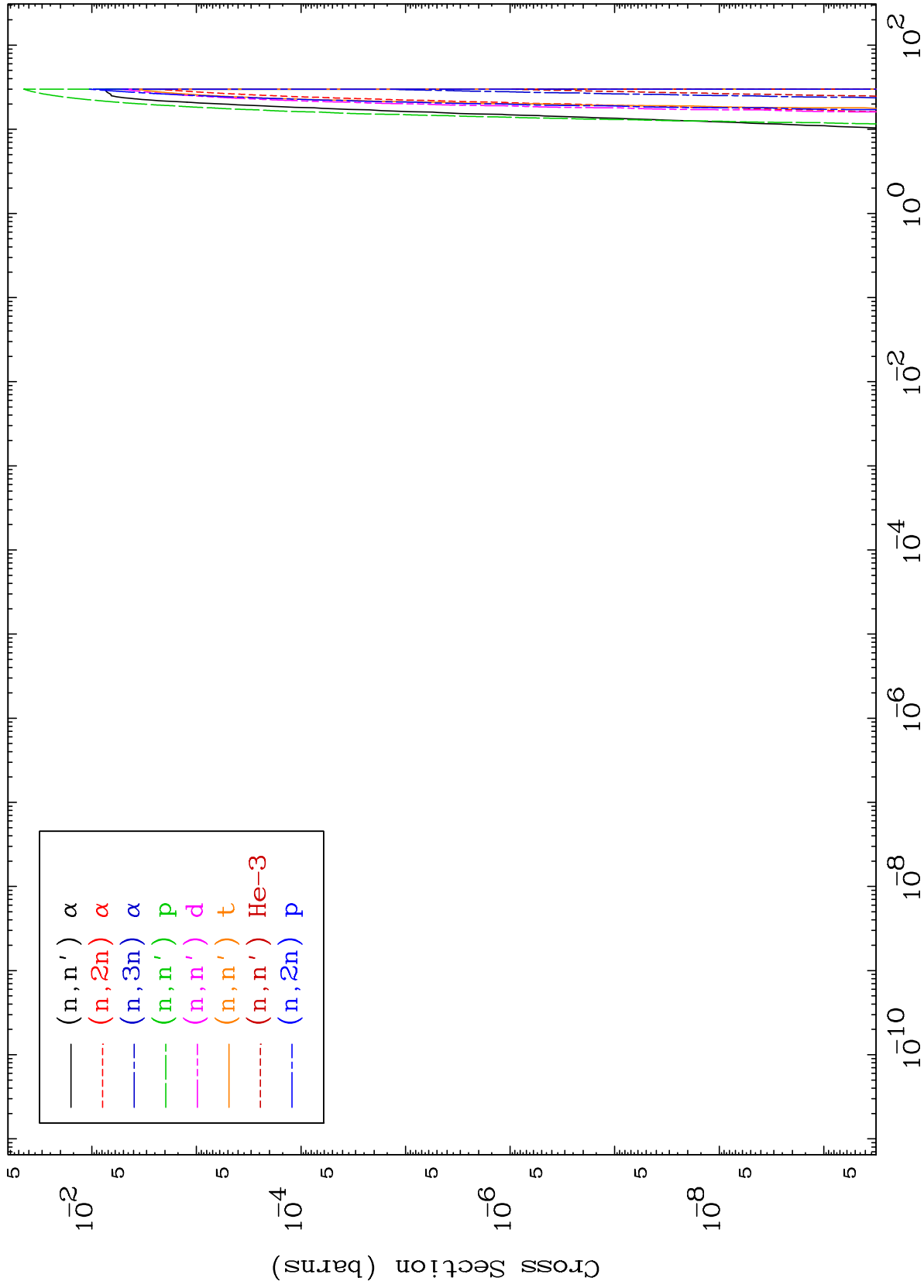
78-Pt-197



MAT 7847

293 Kelvin Cross Sections

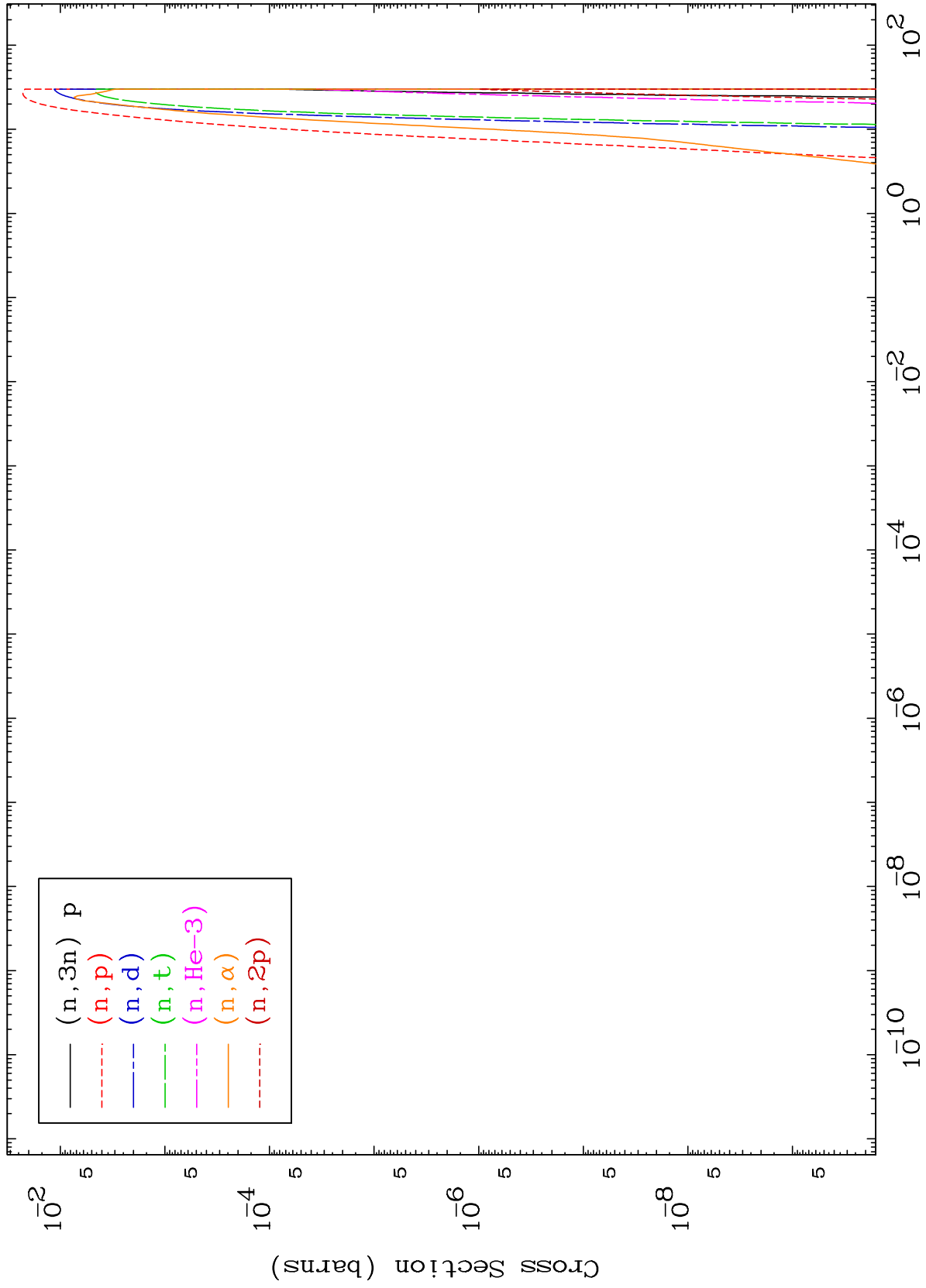
78-Pt-197



MAT 7847

Charged Particle
293 Kelvin Cross Sections

78-Pt-197



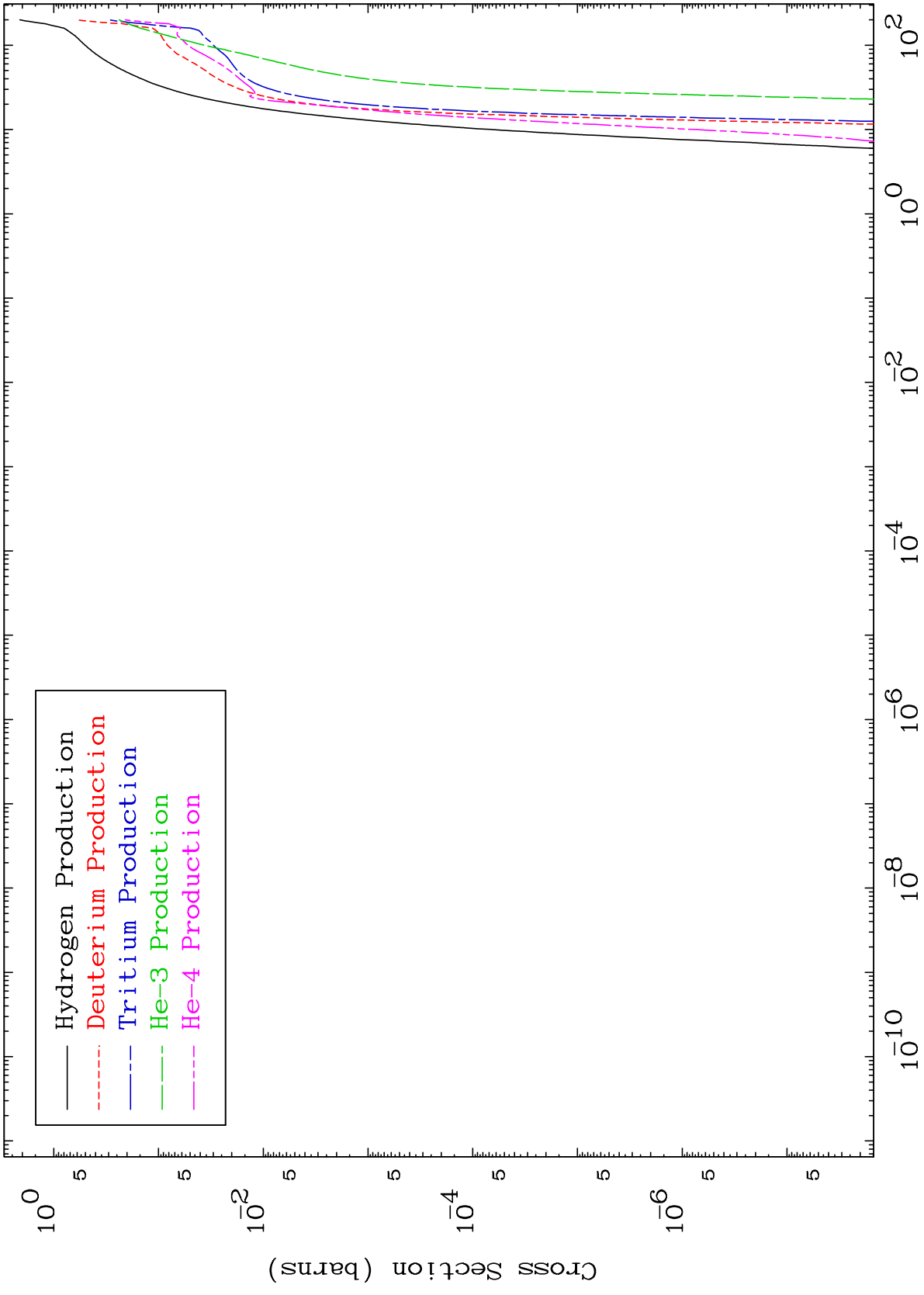
5

78-Pt-197

MAT 7847

Particle Production
293 Kelvin Cross Sections

78-Pt-197



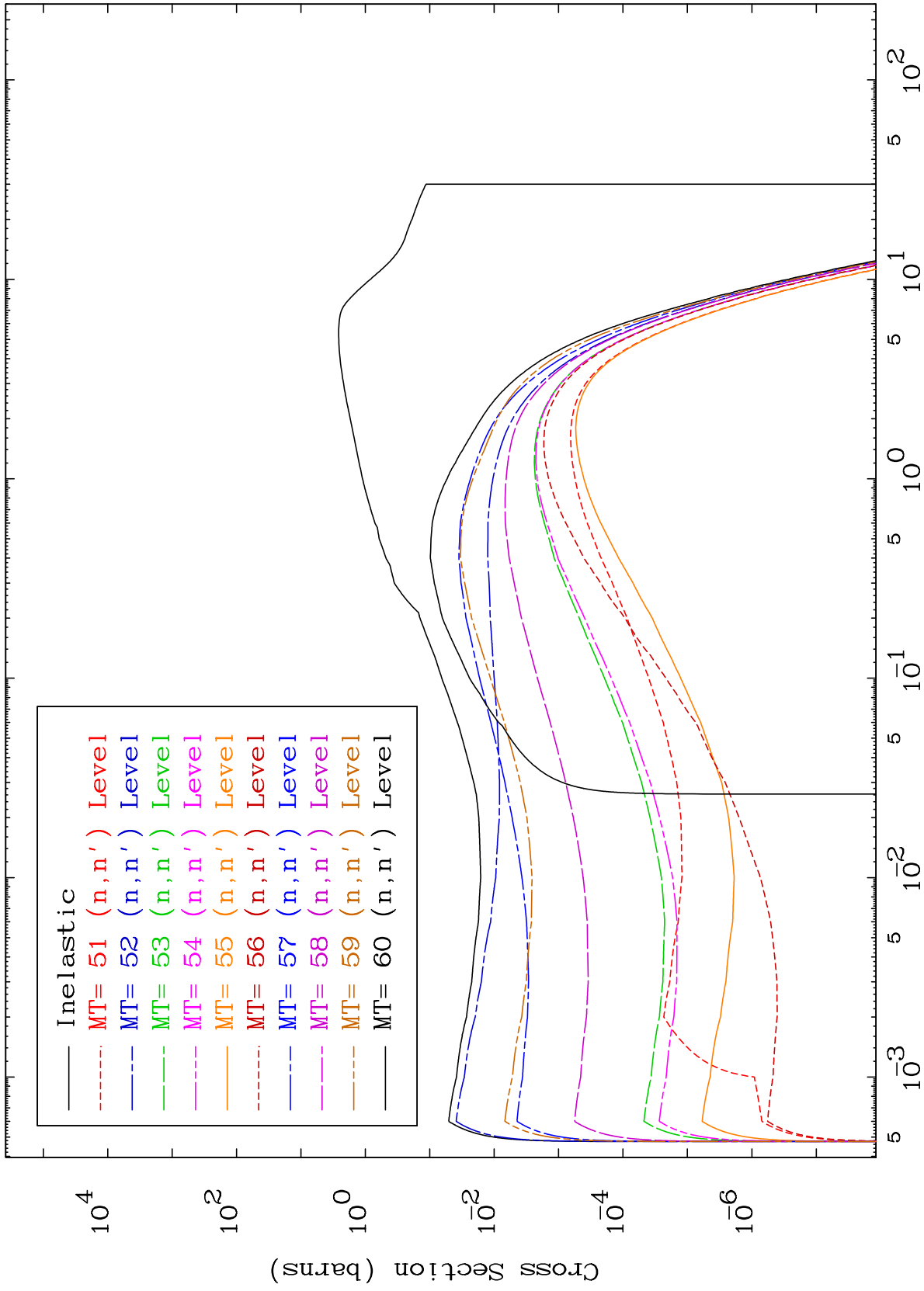
6

78-Pt-197

MAT 7847

293 Kelvin Cross Sections

78-Pt-197



7

Incident Energy (MeV)

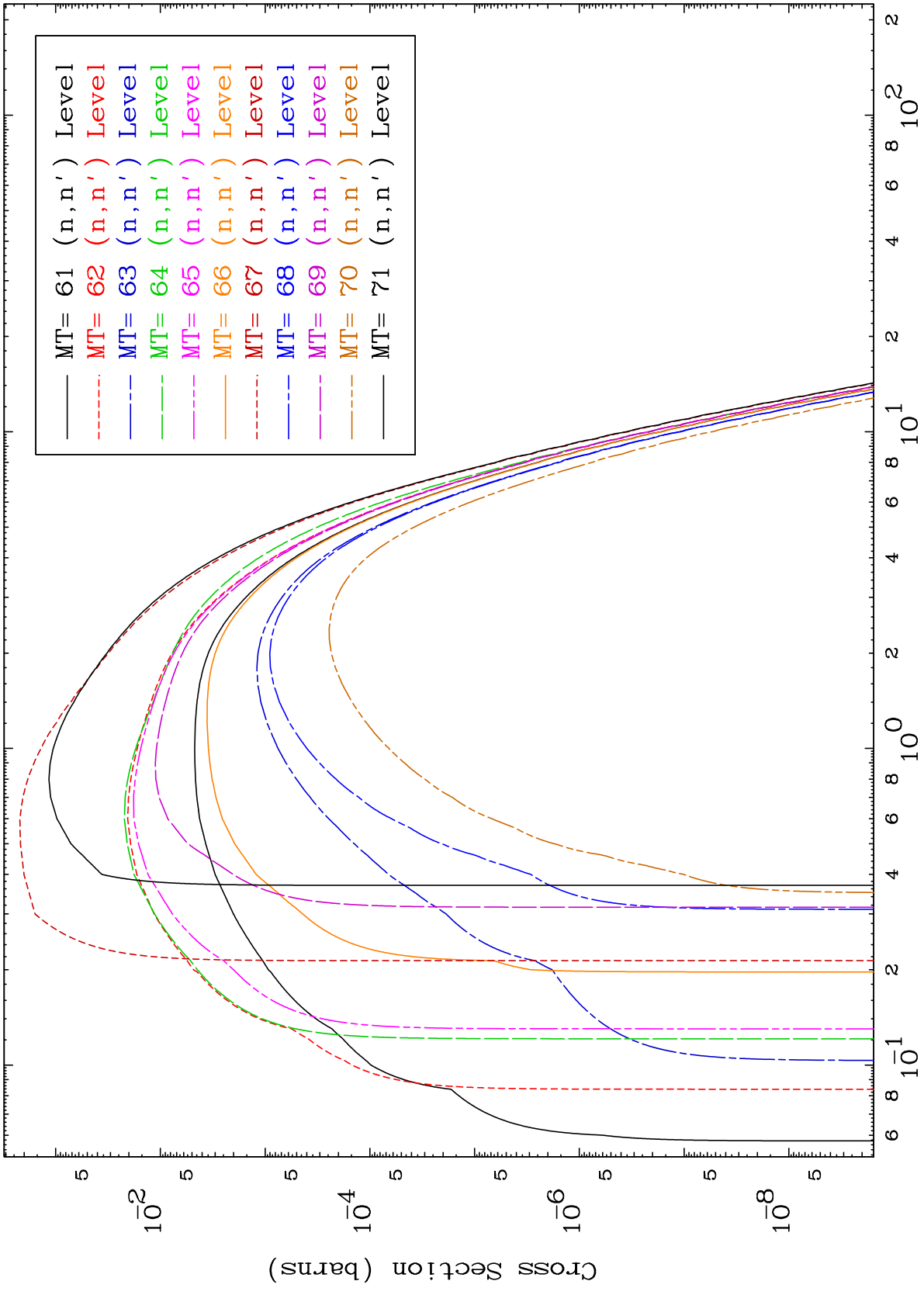
78-Pt-197

MAT 7847

(n,n') Level

78-Pt-197

293 Kelvin Cross Sections



8

Incident Energy (MeV)

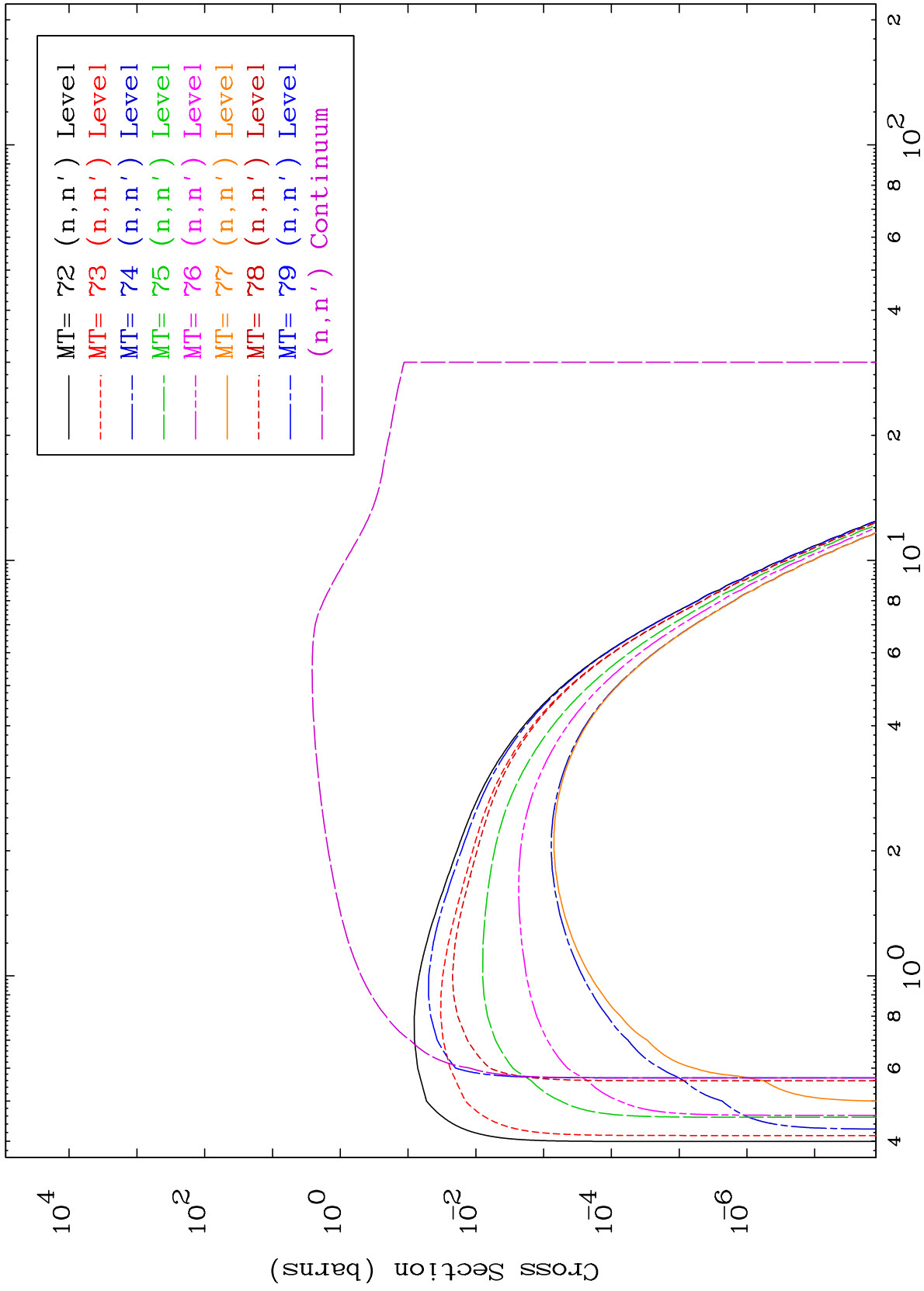
78-Pt-197

MAT 7847

(n,n') Level

78-Pt-197

293 Kelvin Cross Sections



9

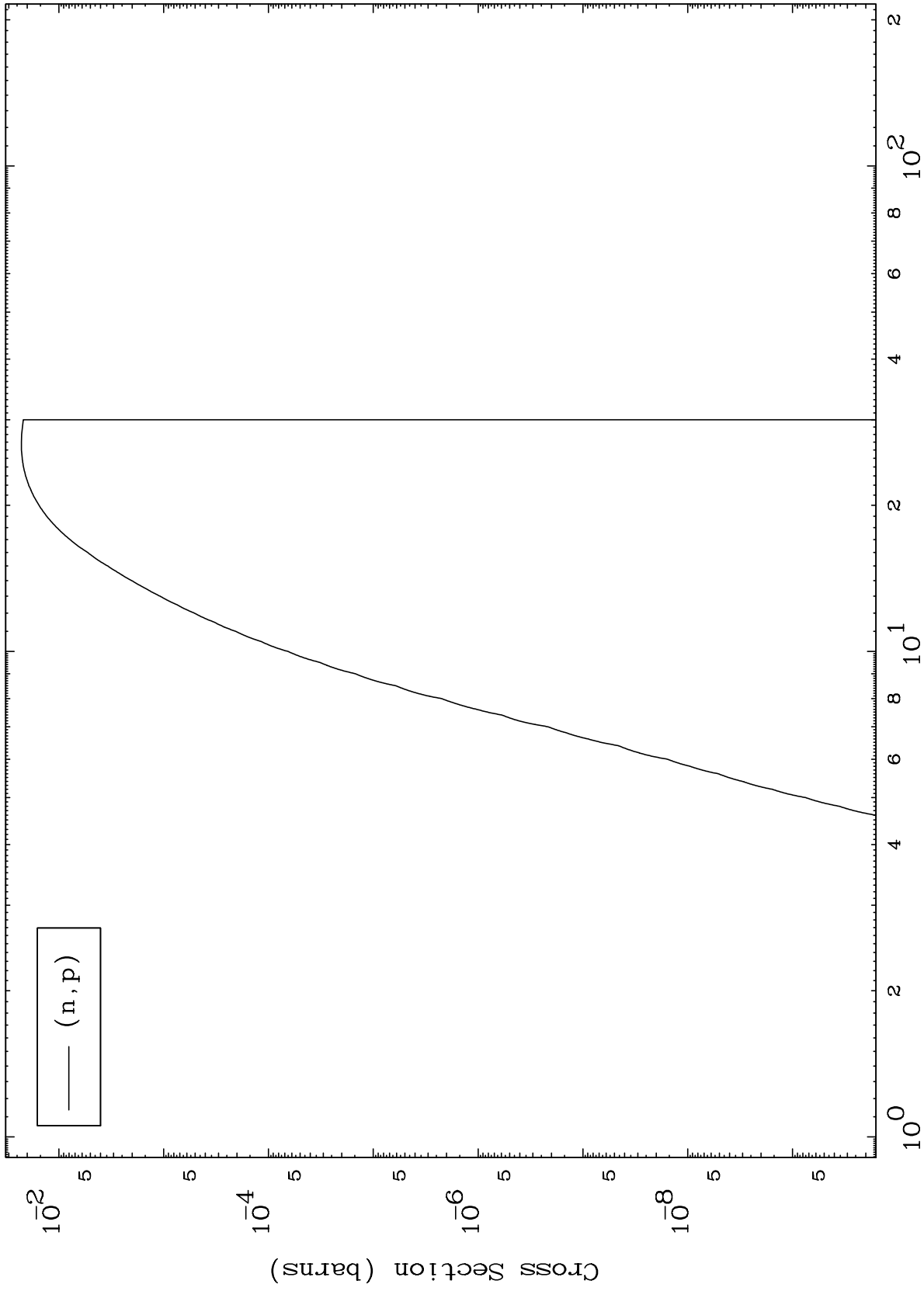
Incident Energy (MeV)

78-Pt-197

MAT 7847

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-197



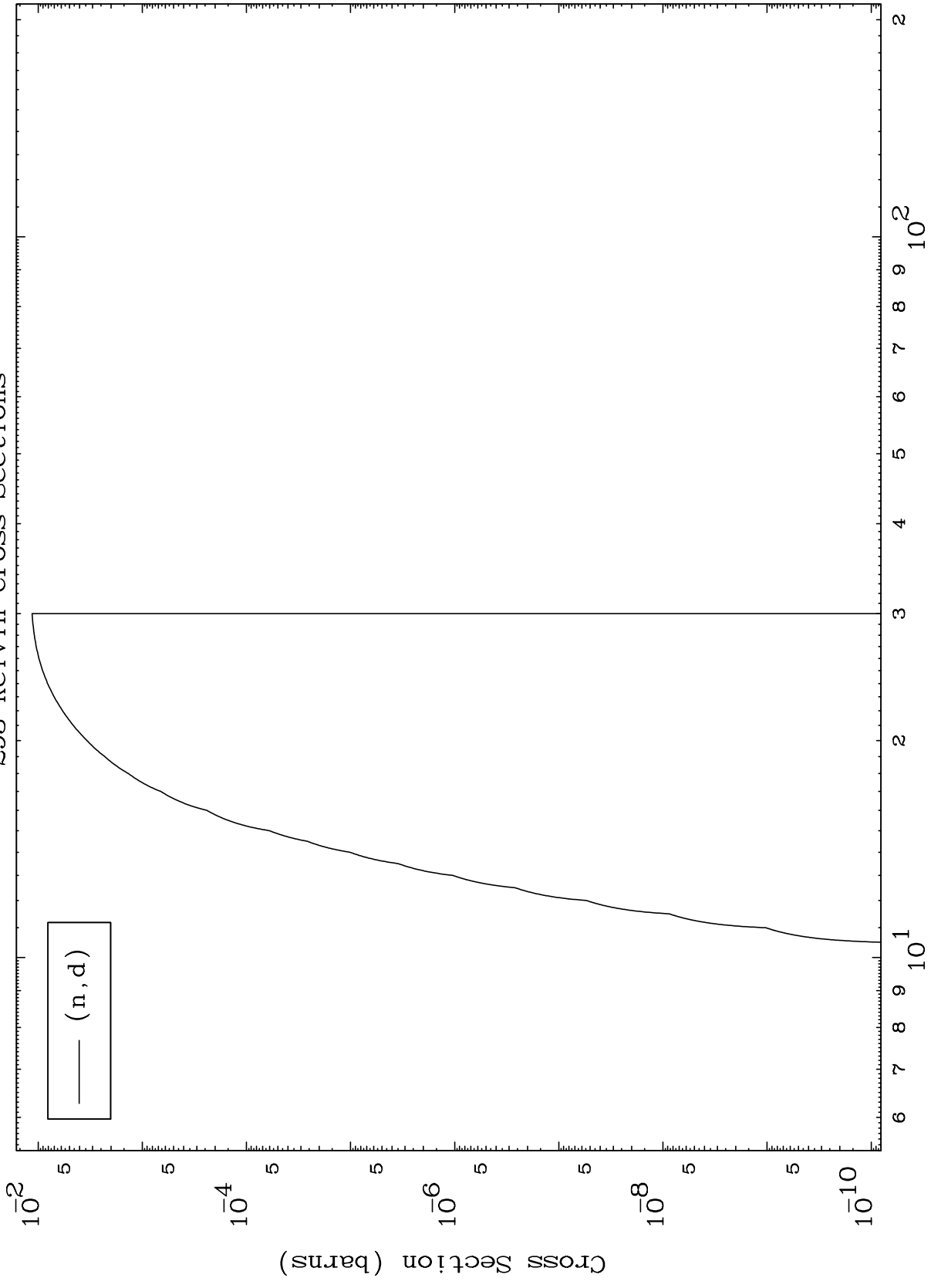
Incident Energy (MeV)

78-Pt-197

MAT 7847

(n,d) Levels
293 Kelvin Cross Sections

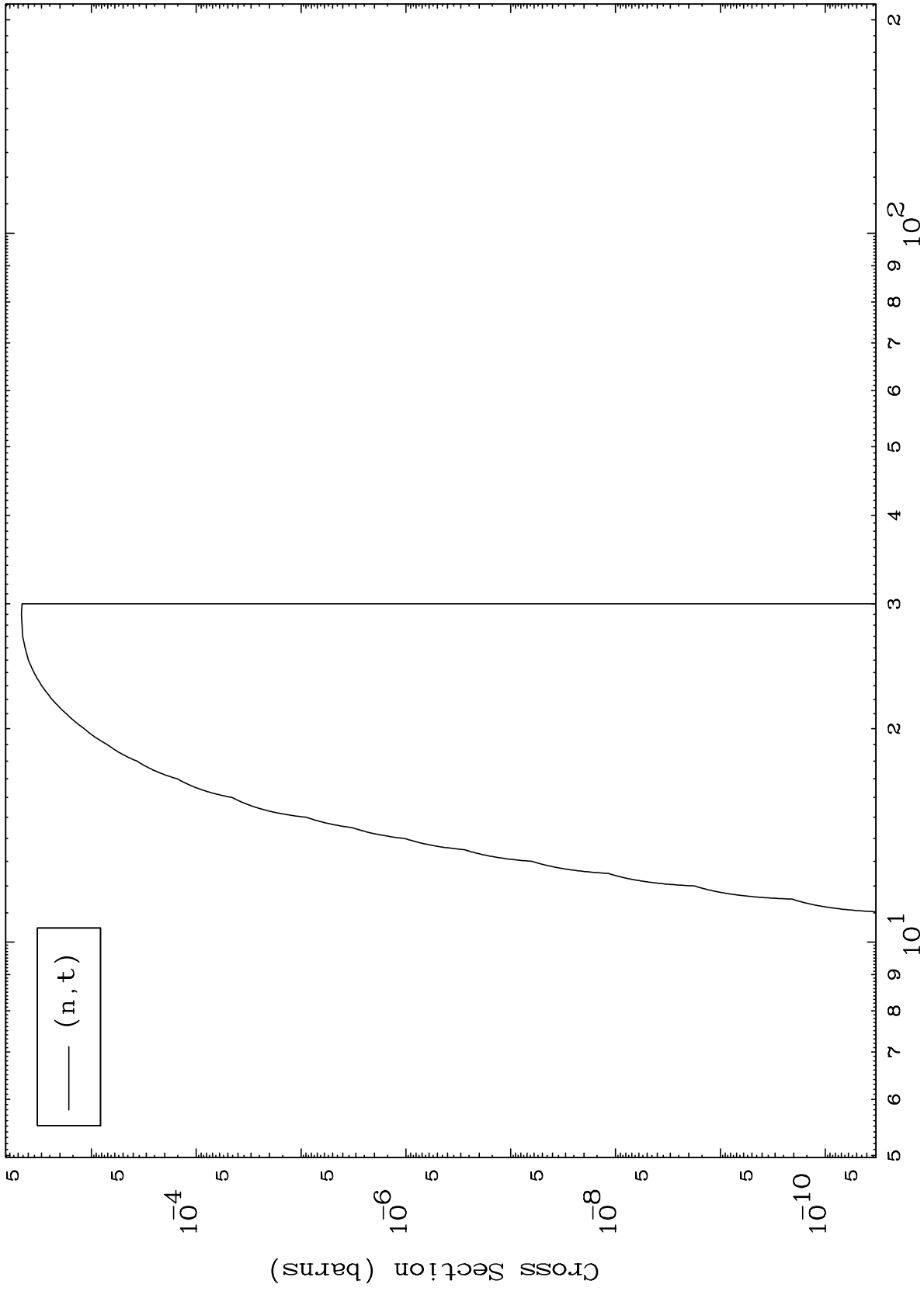
78-Pt-197



MAT 7847

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-197



12

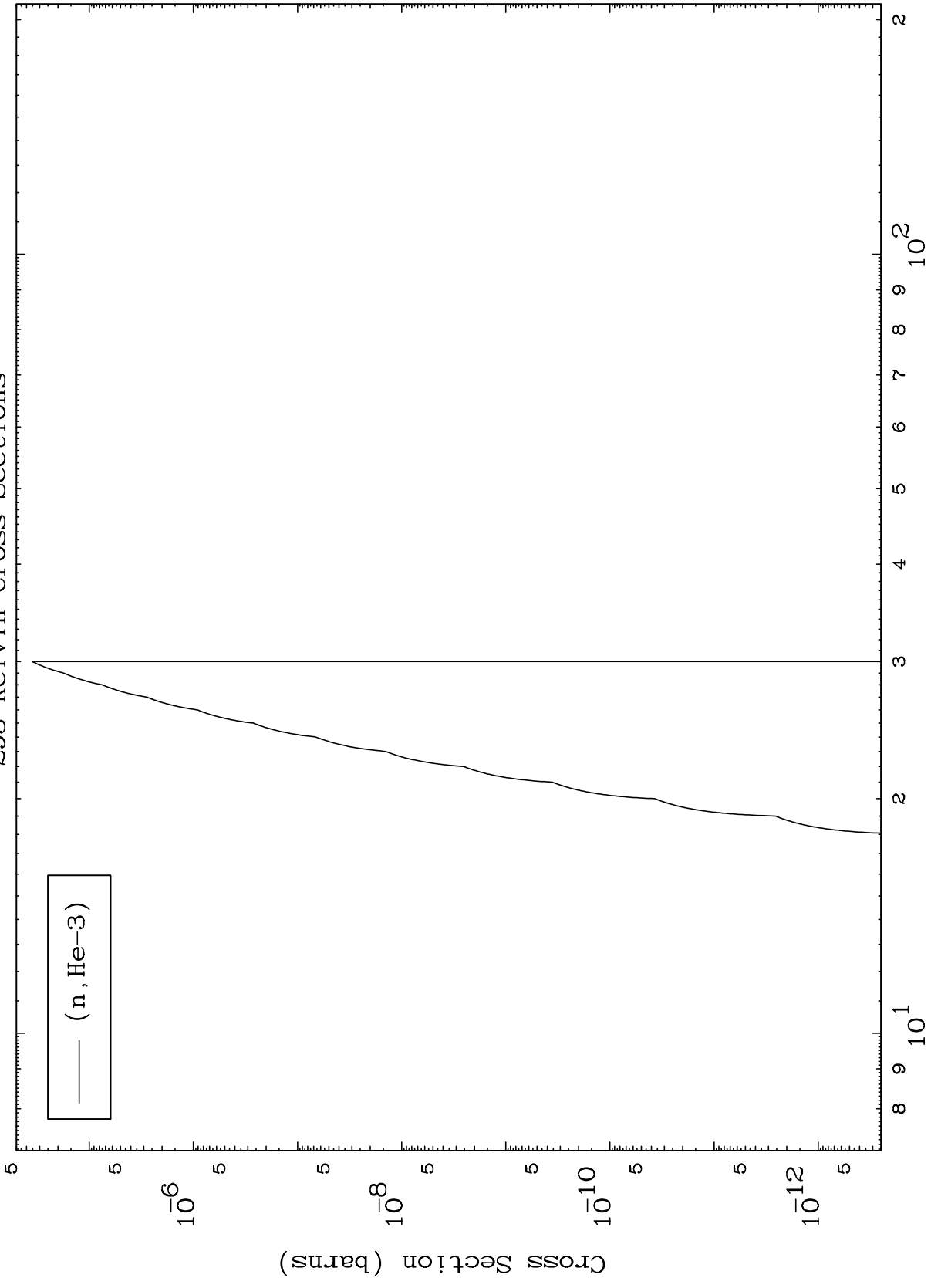
Incident Energy (MeV)

78-Pt-197

MAT 7847

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-197



13

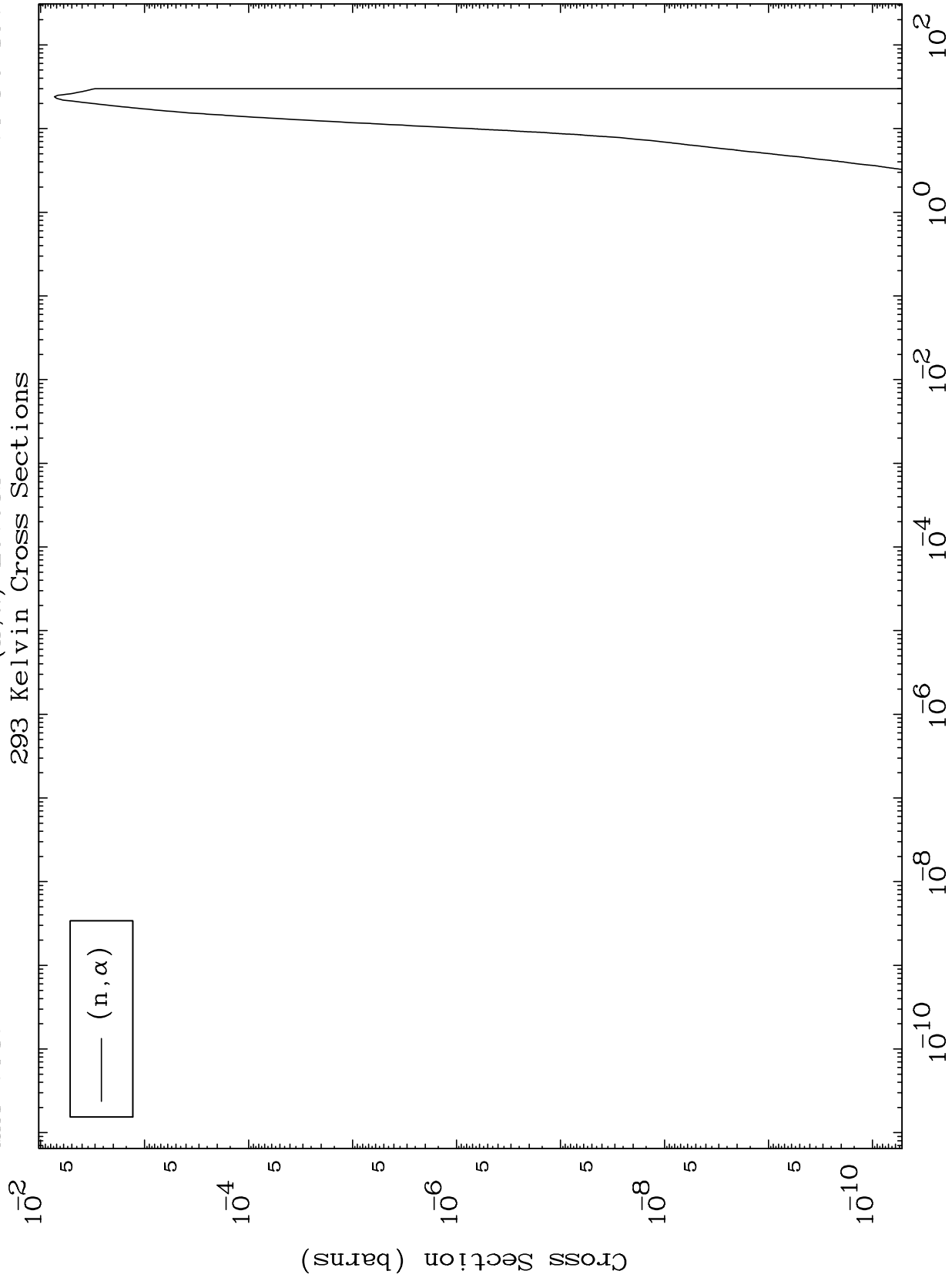
Incident Energy (MeV)

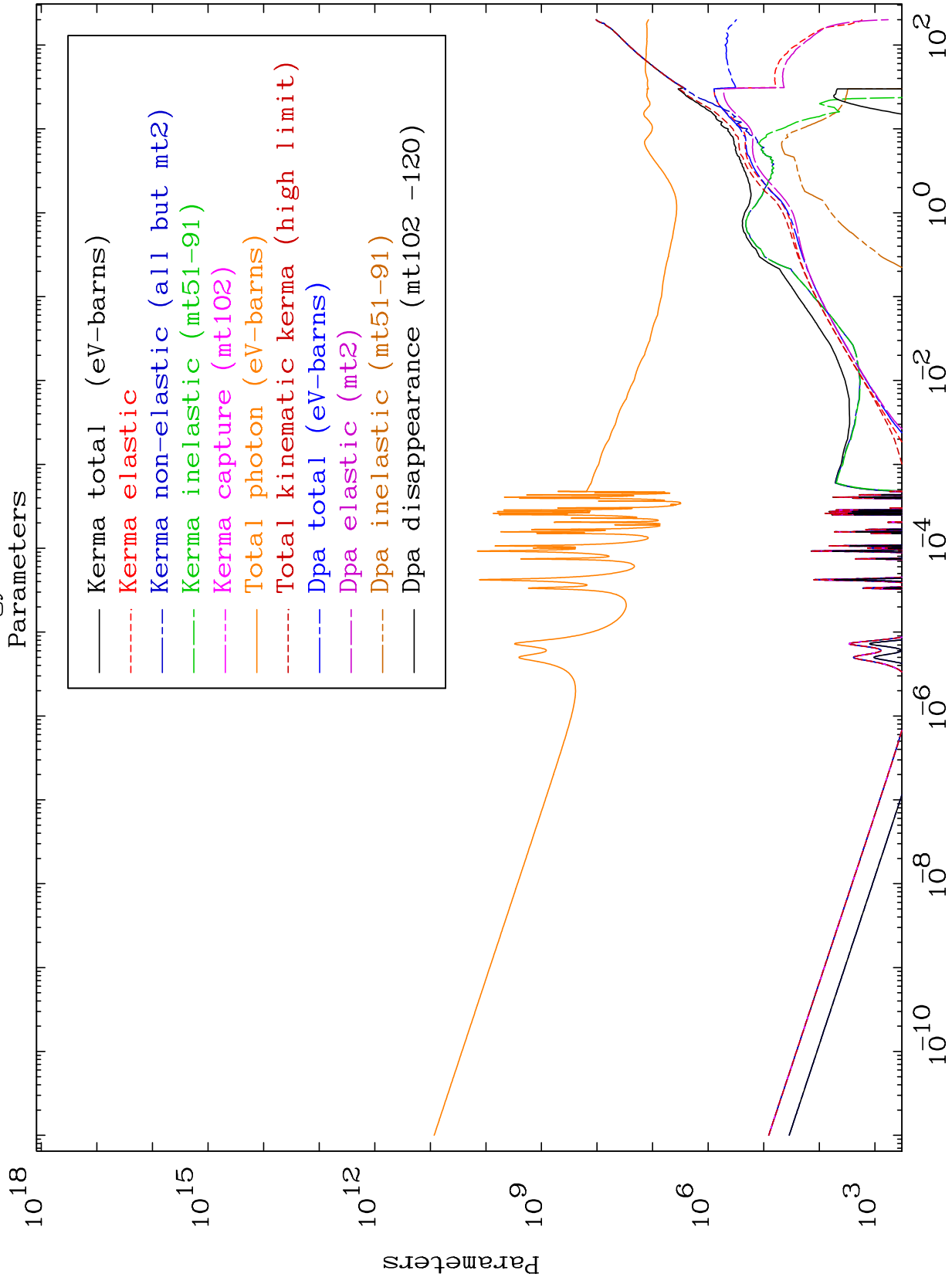
78-Pt-197

MAT 7847

(n,α) Levels
293 Kelvin Cross Sections

78-Pt-197

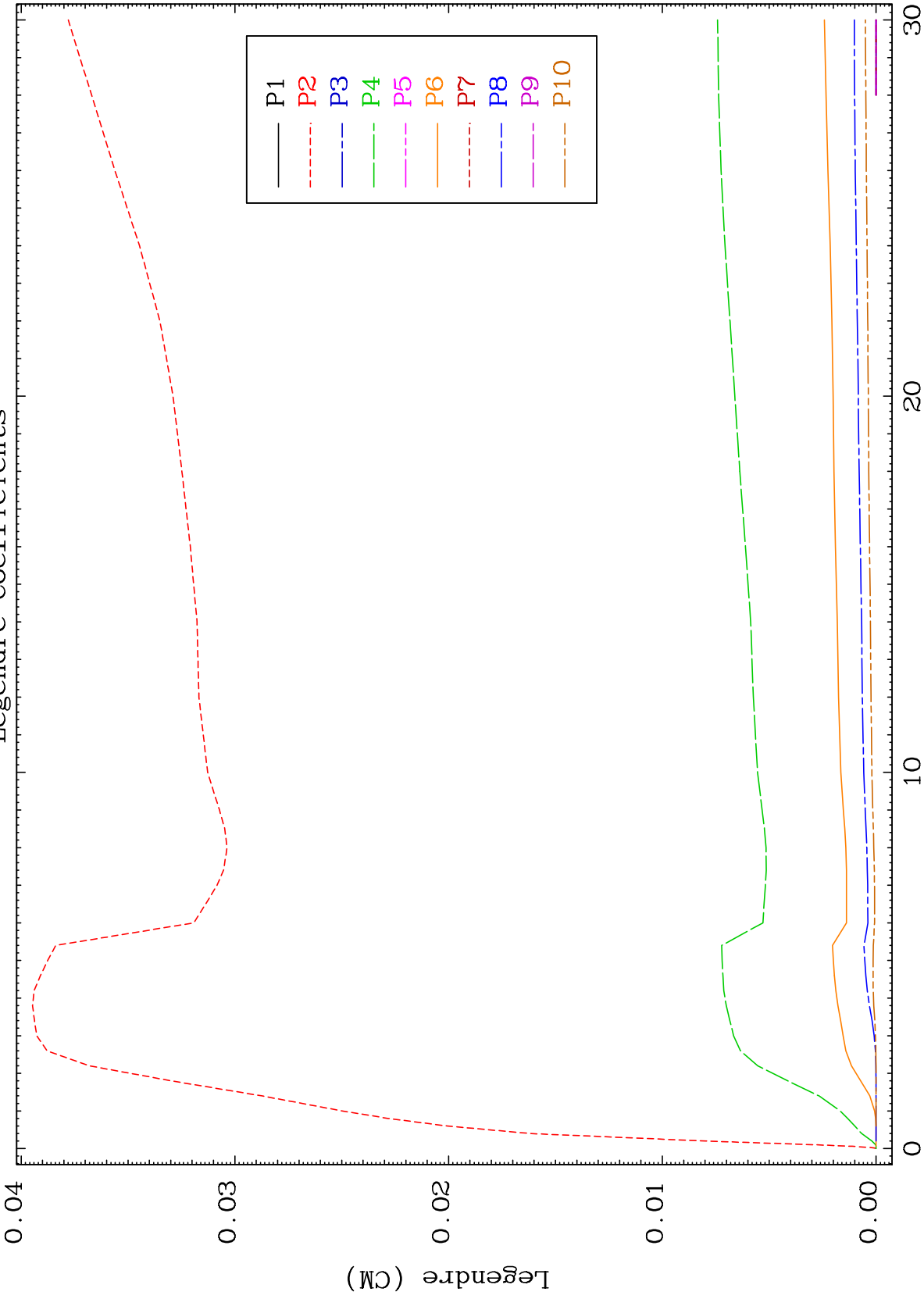




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Elastic Legendre Coefficients

78-Pt-197



78-Pt-197

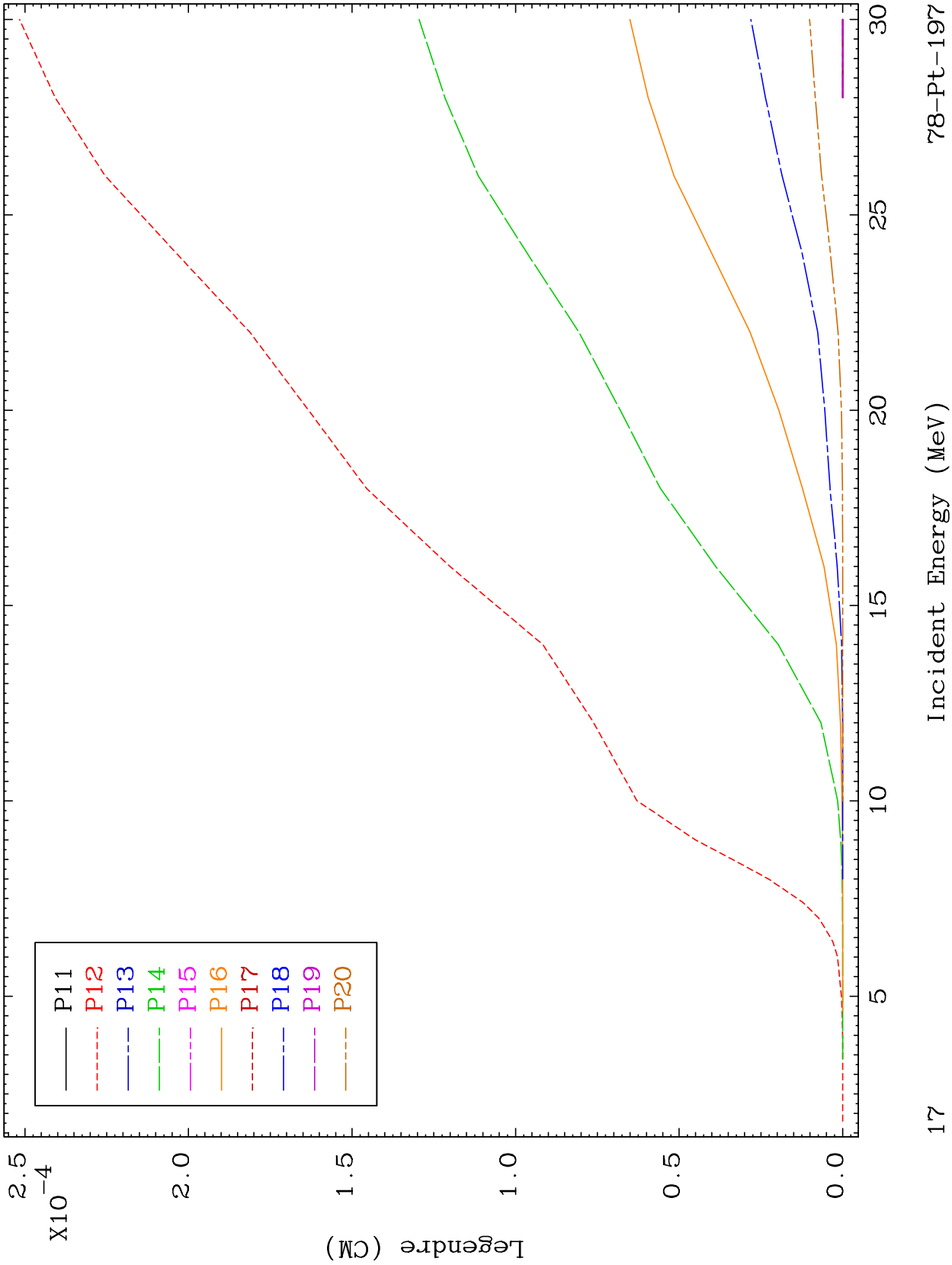
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

78-Pt-197



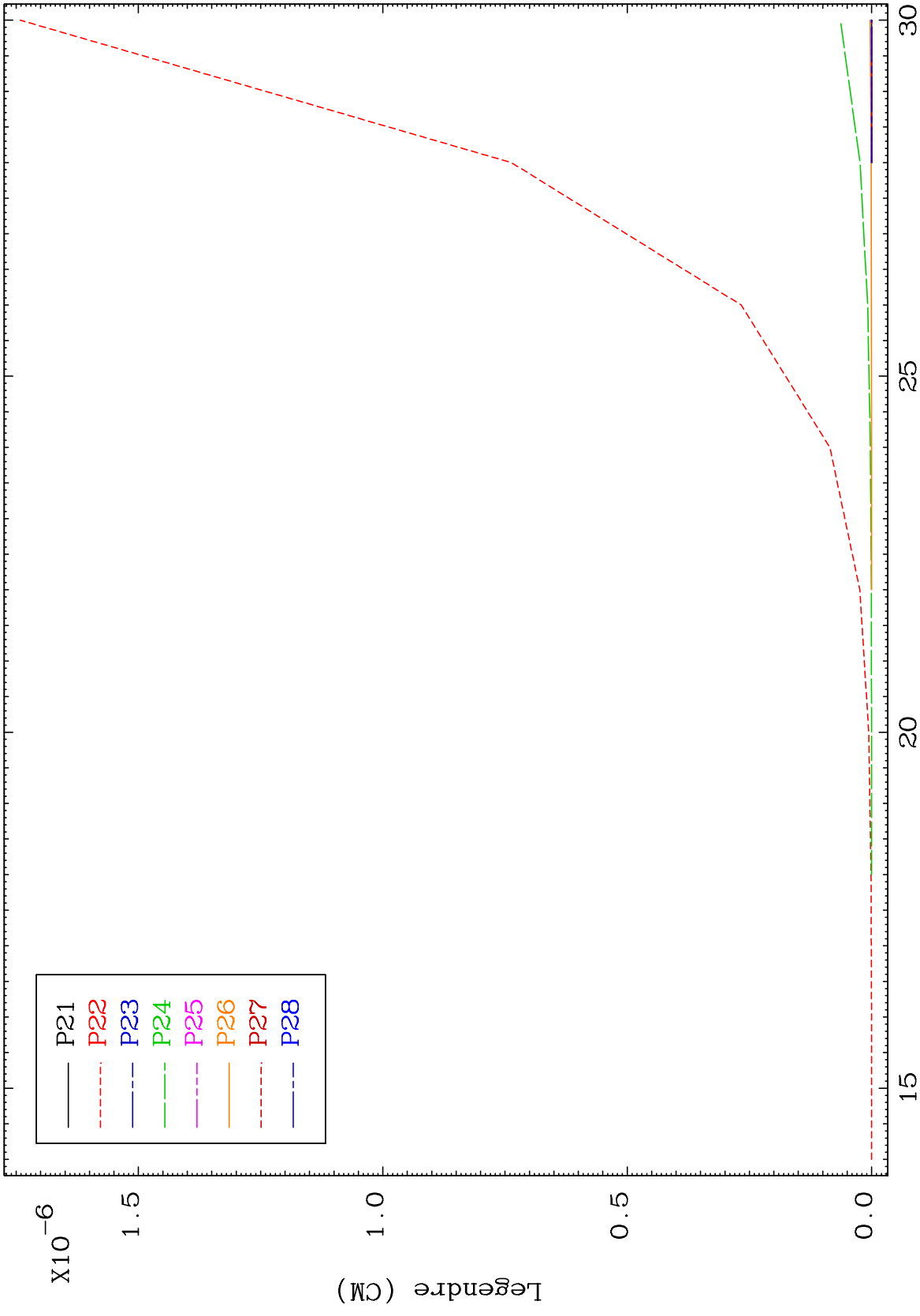
17

78-Pt-197

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Elastic Legendre Coefficients

78-Pt-197



18

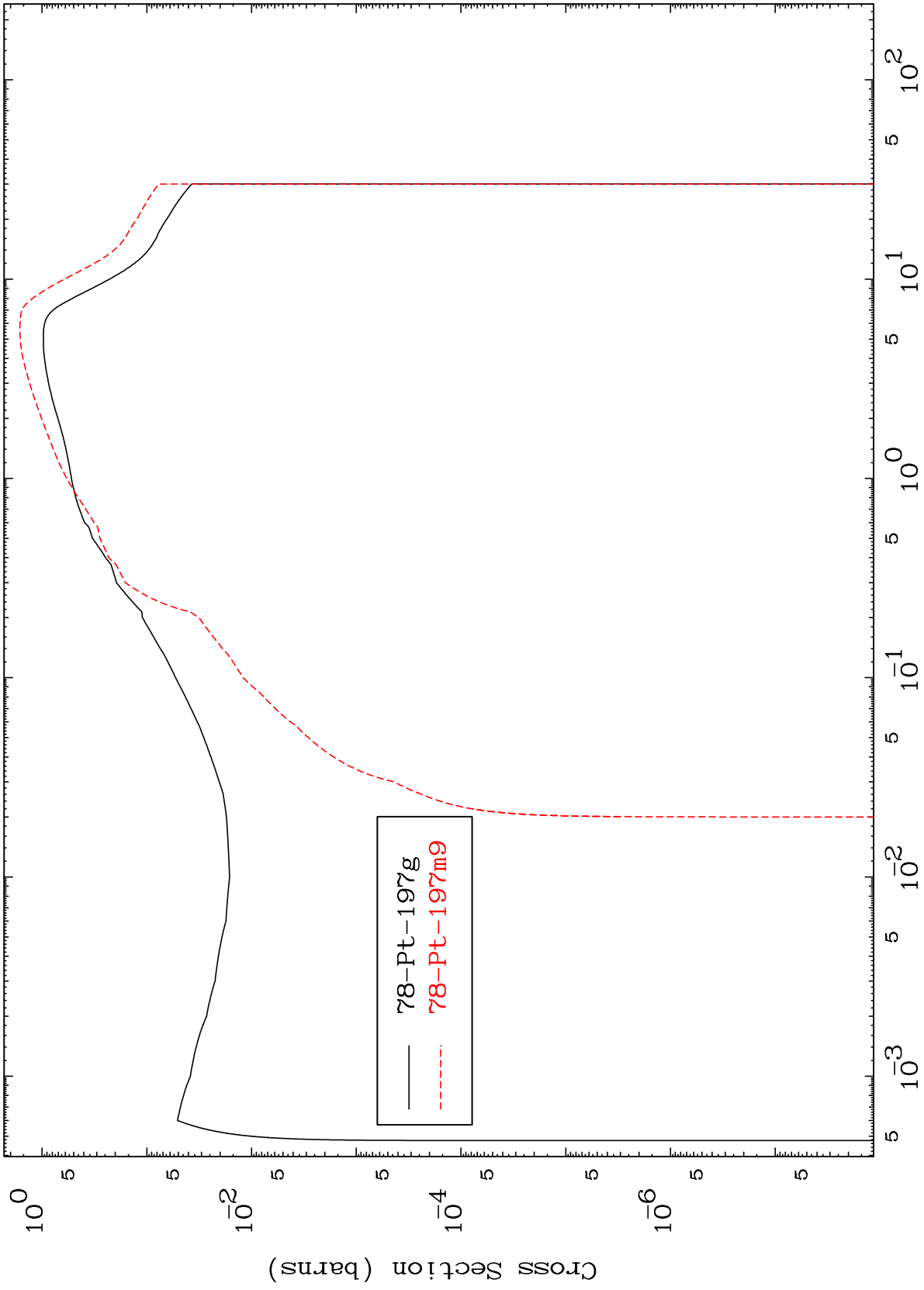
Incident Energy (MeV)

78-Pt-197

MAT 7847

Inelastic Radionuclide Production Cross Section

78-Pt-197



19

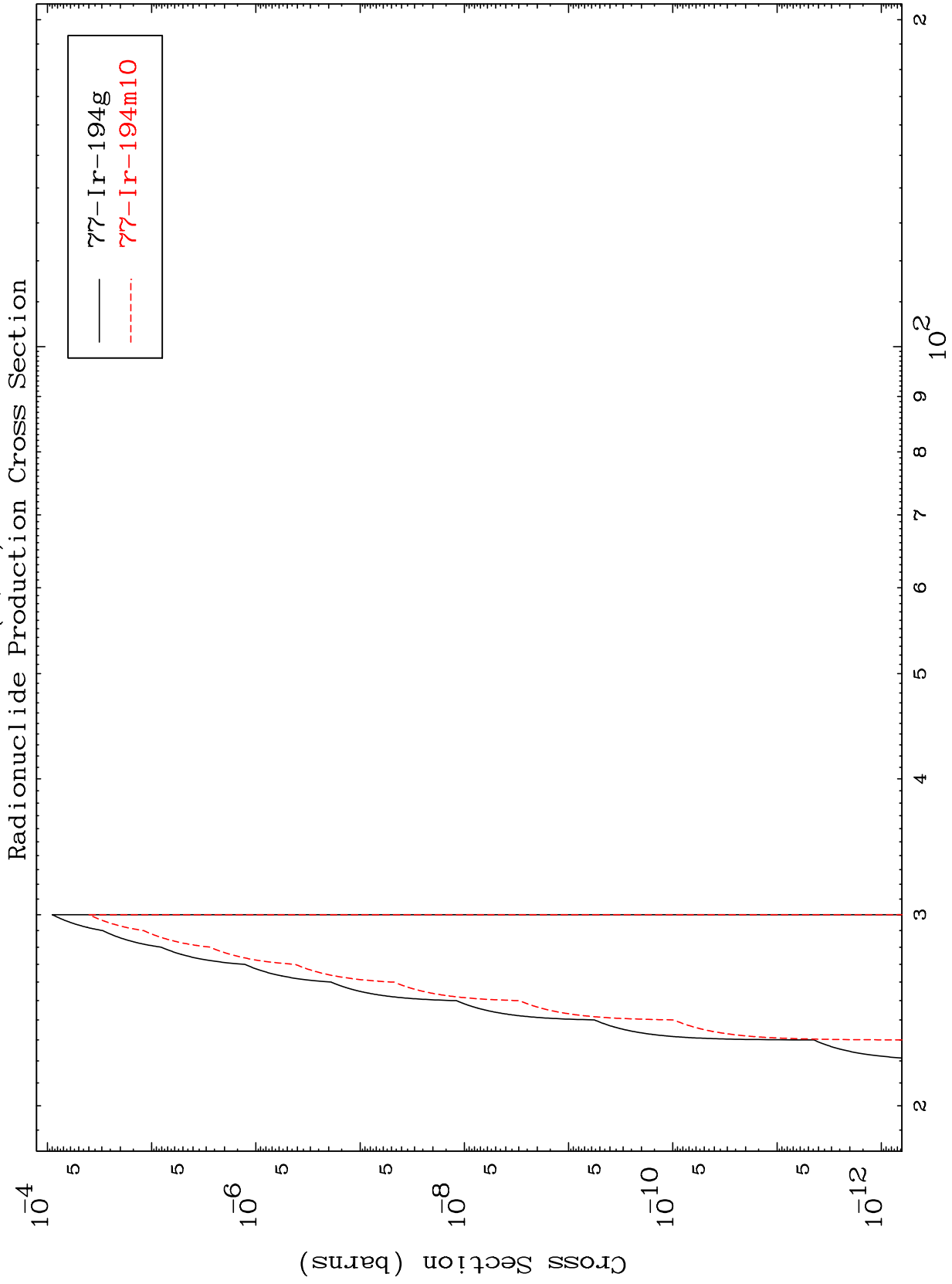
Incident Energy (MeV)

78-Pt-197

MAT 7847

(n,2n) d

78-Pt-197



20

Incident Energy (MeV)

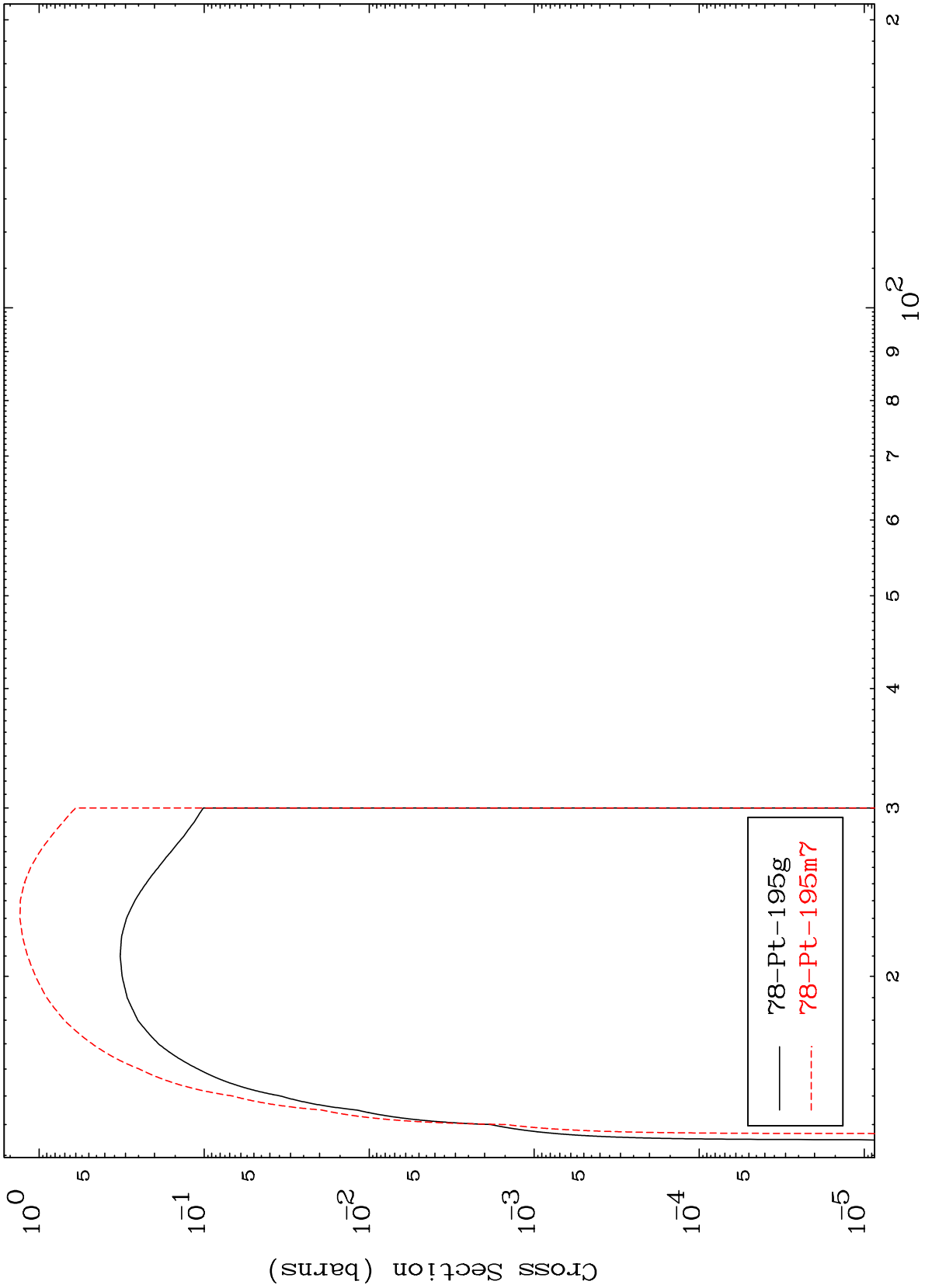
78-Pt-197

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(n,3n)

78-Pt-197

Radionuclide Production Cross Section

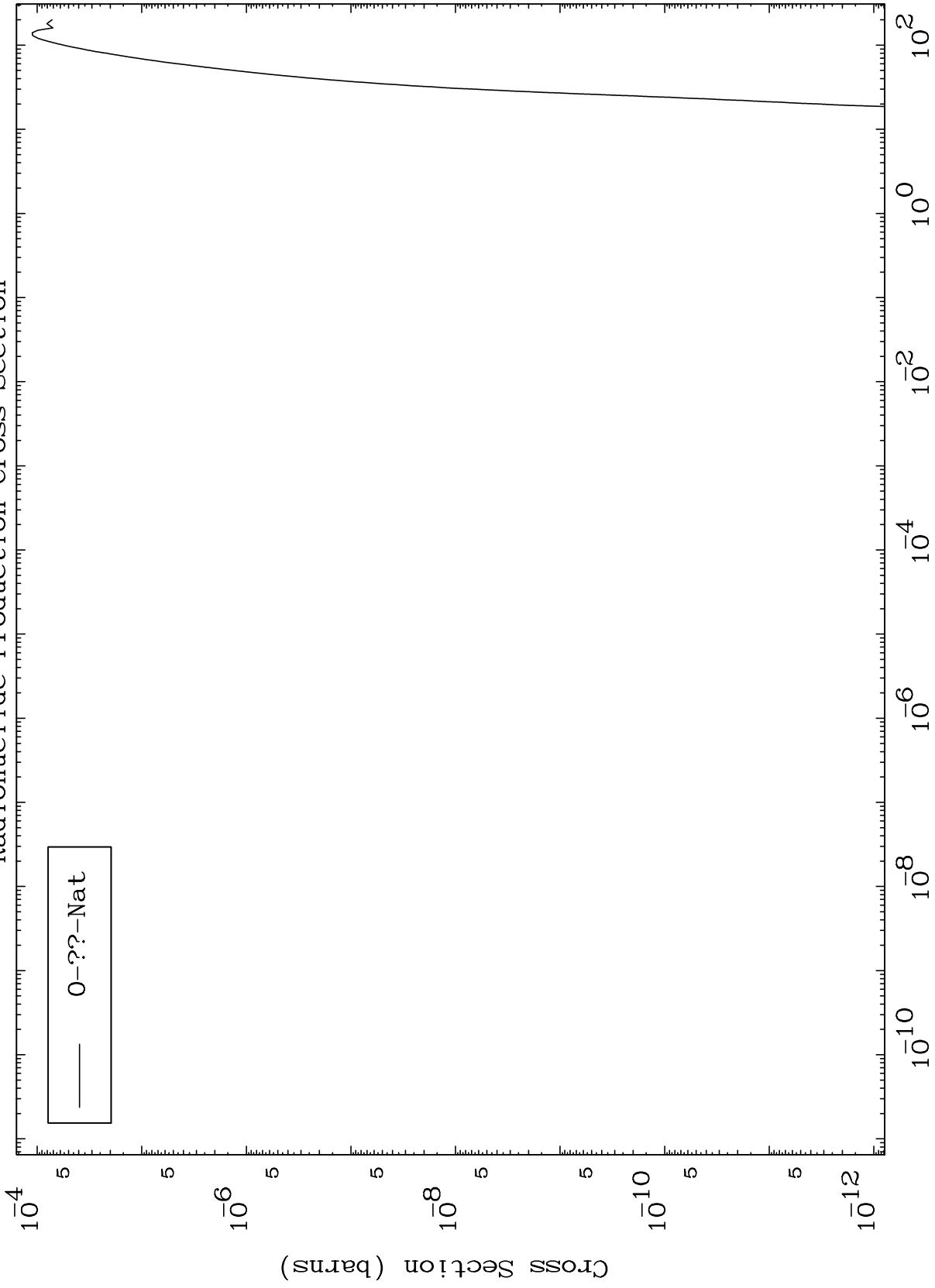


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Fission

78-Pt-197

Radionuclide Production Cross Section



22

Incident Energy (MeV)

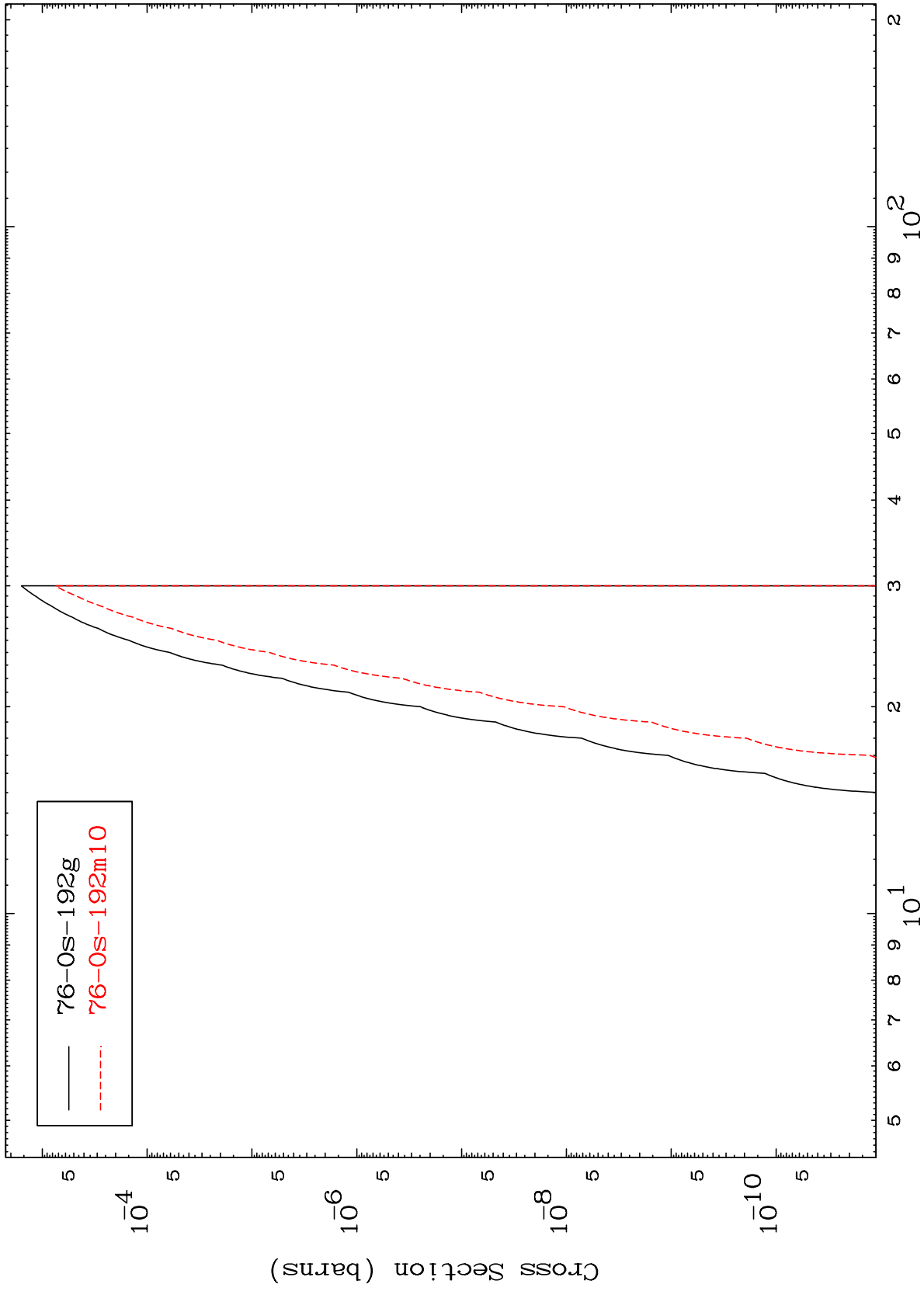
78-Pt-197

MAT 7847

$(n, 2n) \alpha$

78-Pt-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

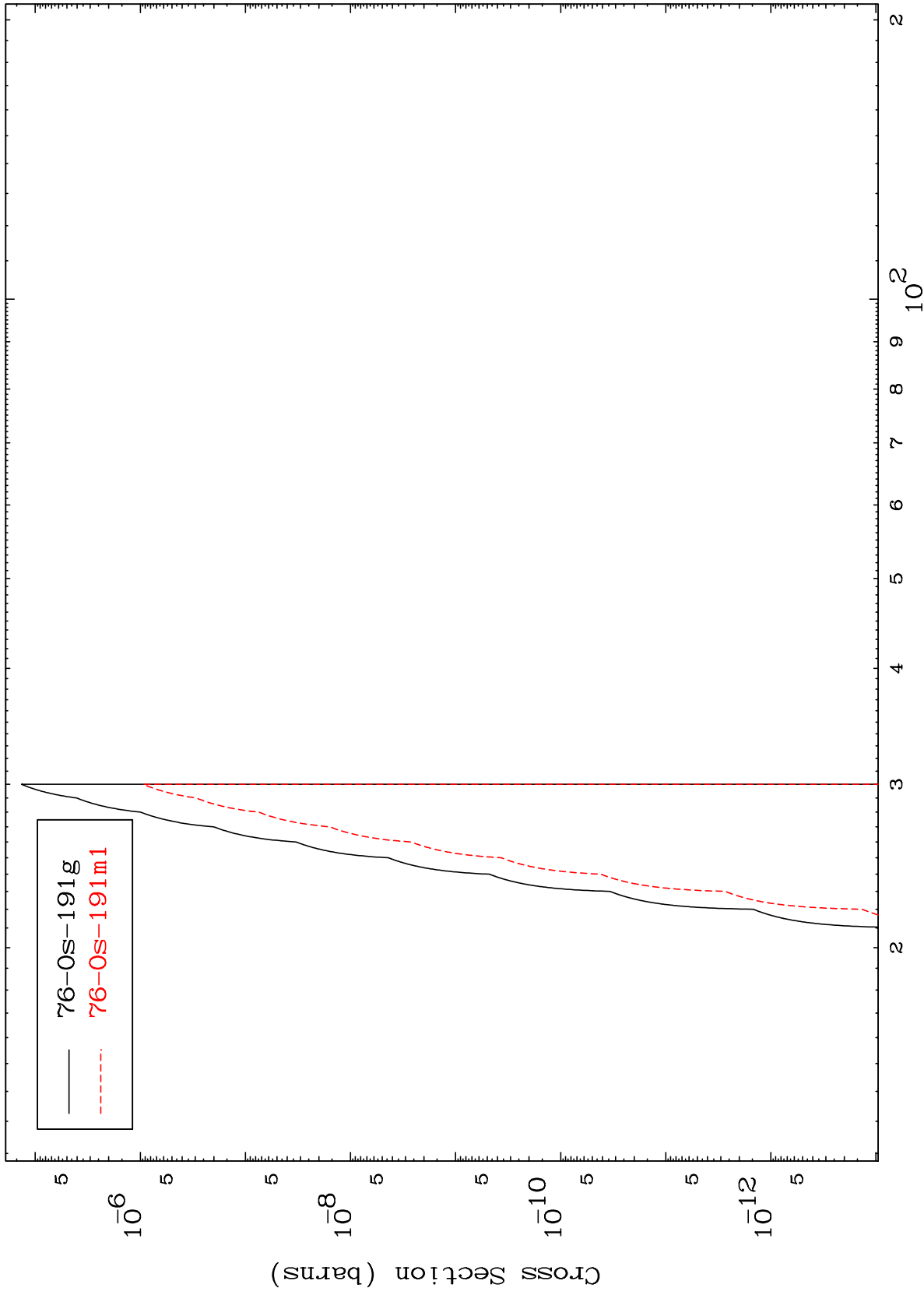
78-Pt-197

MAT 7847

(n,3n) α

78-Pt-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

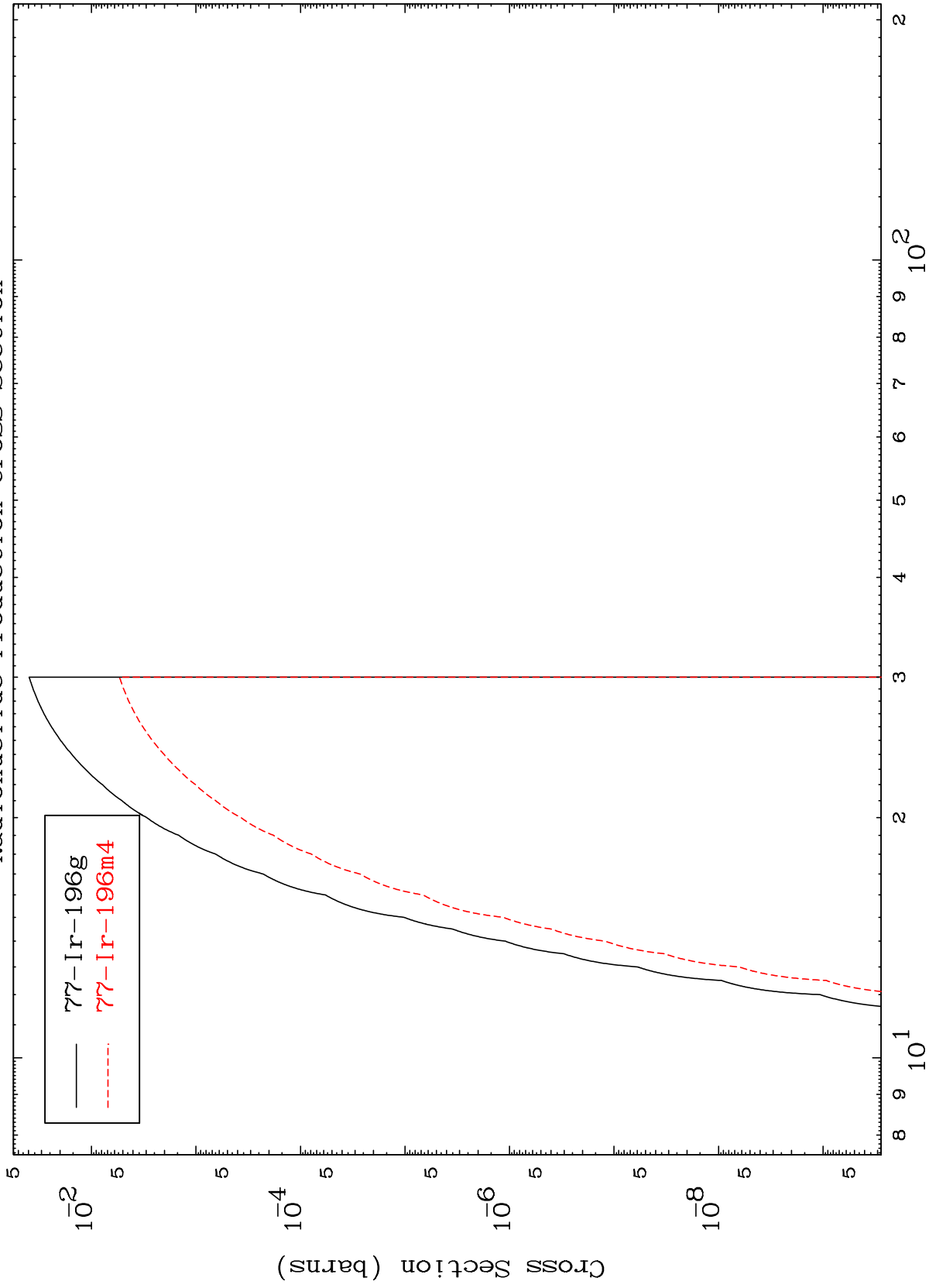
78-Pt-197

MAT 7847

(n,n') p

78-Pt-197

Radionuclide Production Cross Section



25

Incident Energy (MeV)

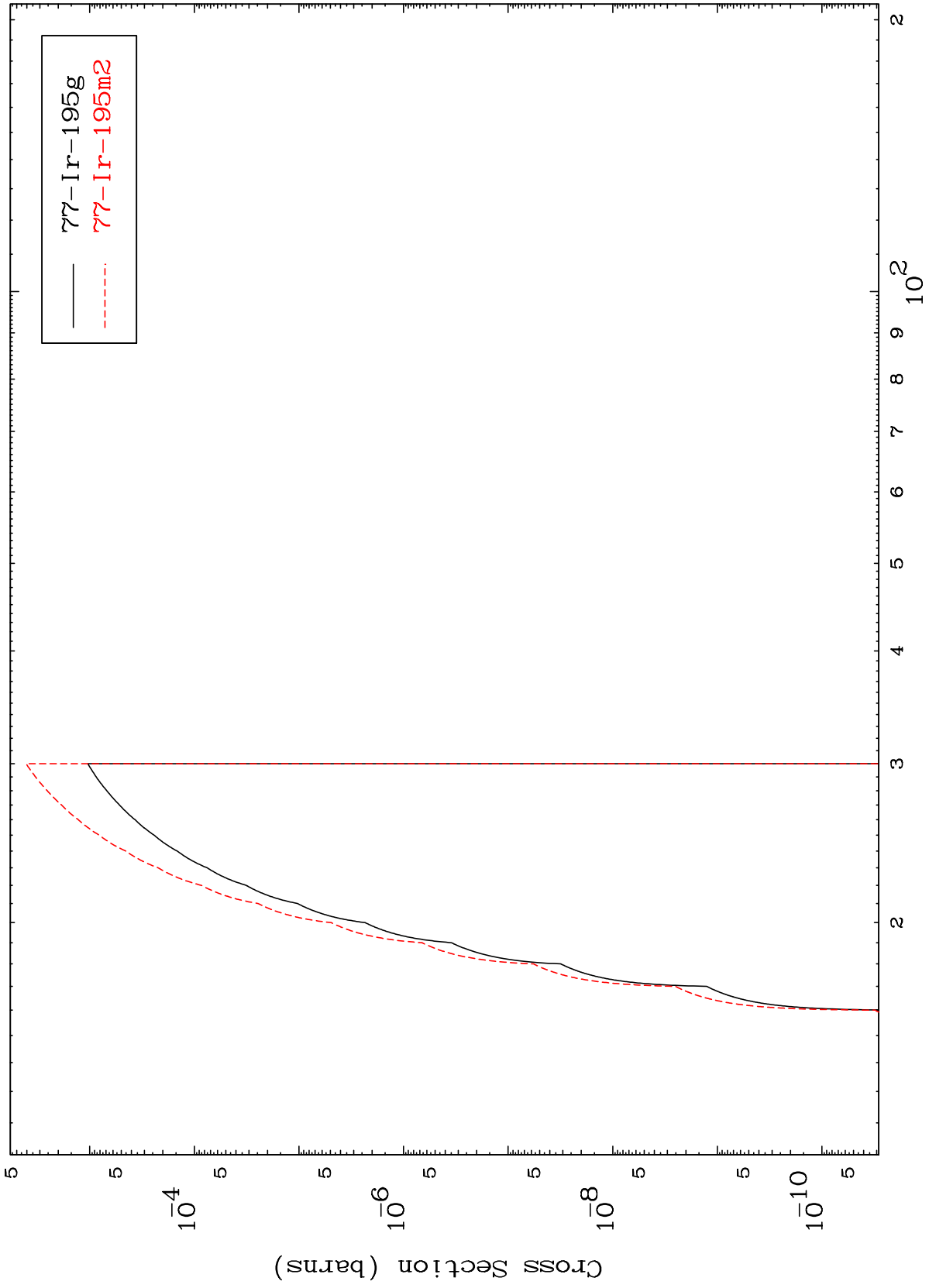
78-Pt-197

MAT 7847

(n,n') d

78-Pt-197

Radionuclide Production Cross Section



26

Incident Energy (MeV)

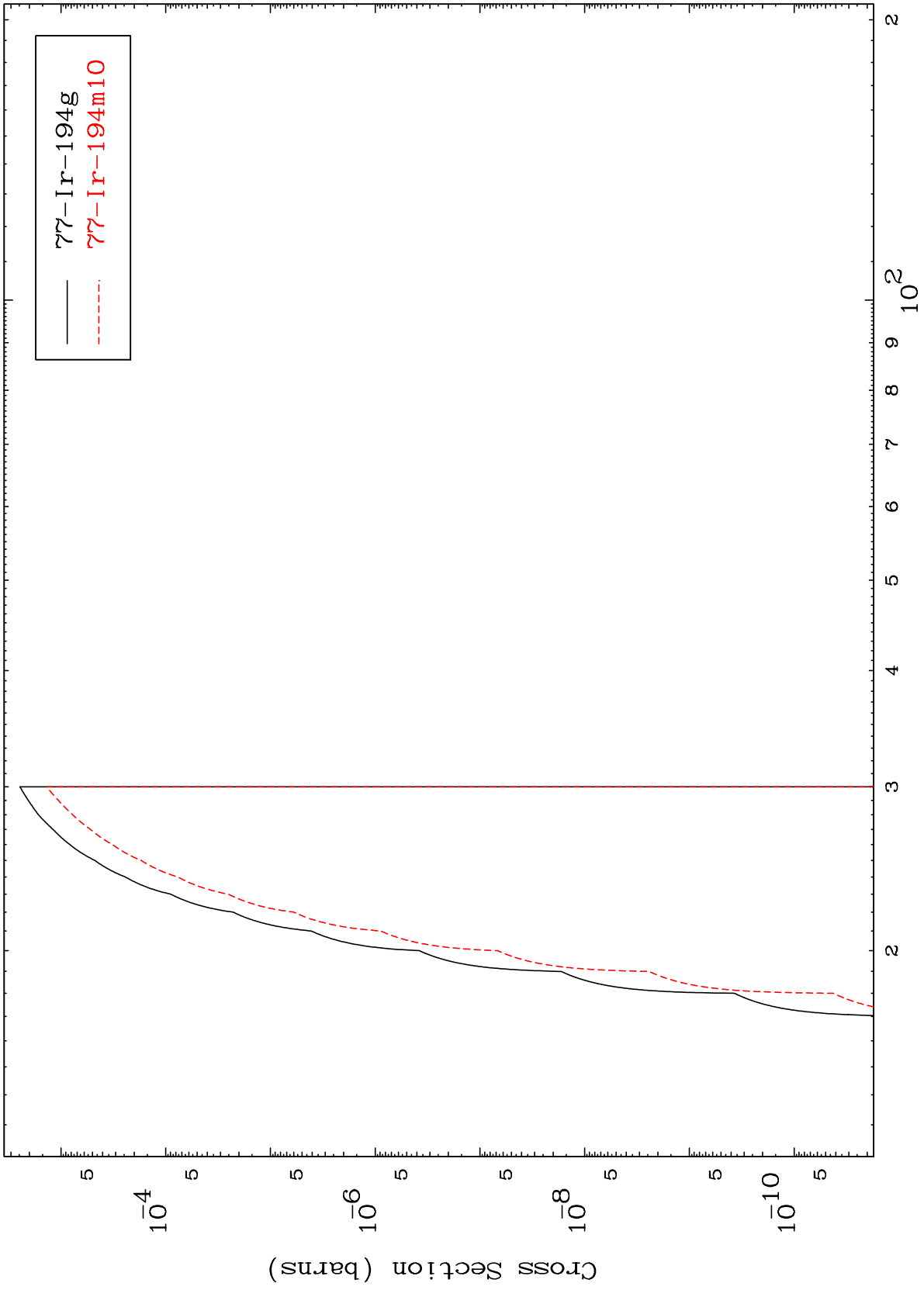
78-Pt-197

MAT 7847

(n,n') t

78-Pt-197

Radionuclide Production Cross Section



27

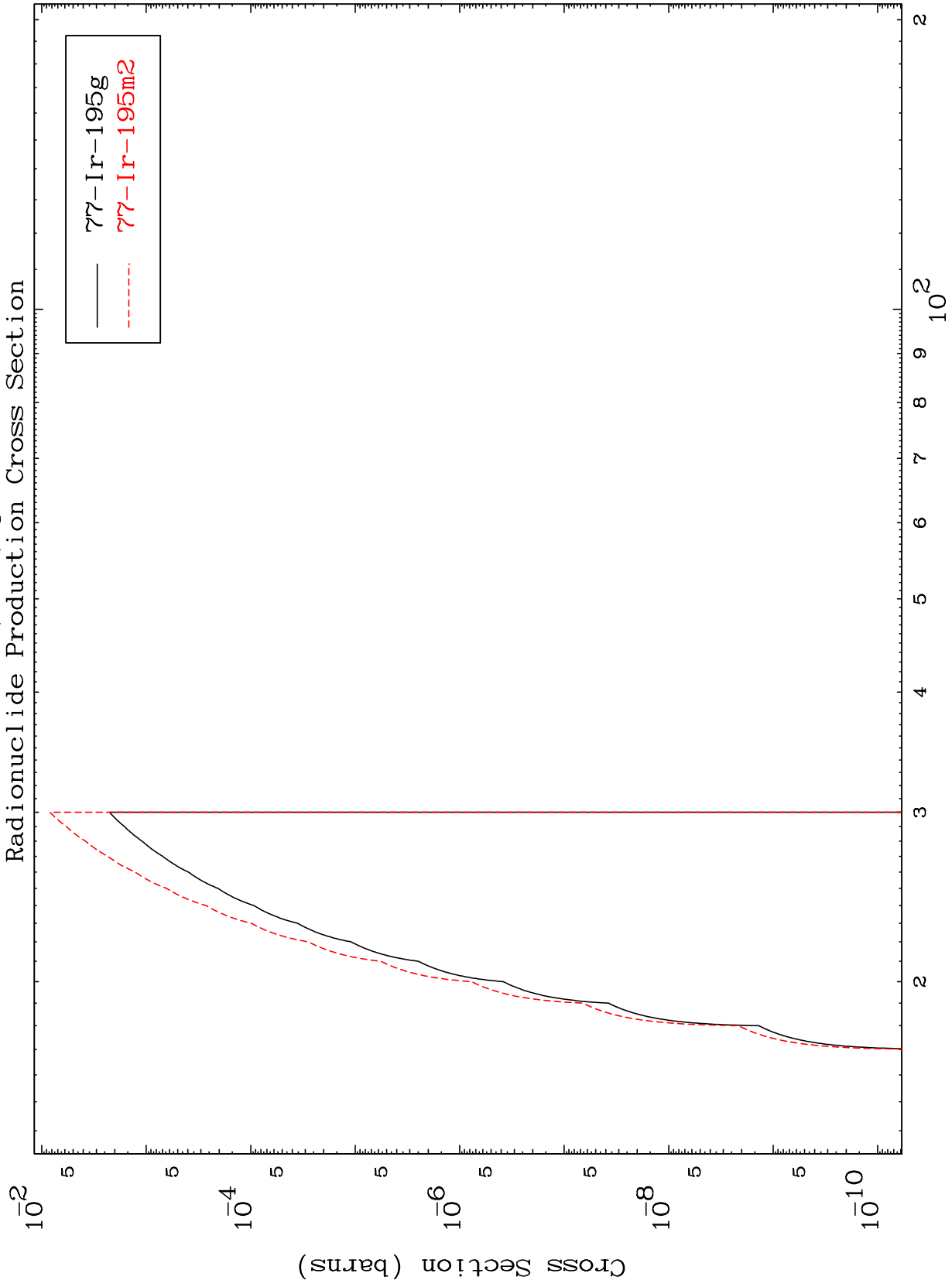
Incident Energy (MeV)

78-Pt-197

MAT 7847

(n,2n) p

78-Pt-197



28

Incident Energy (MeV)

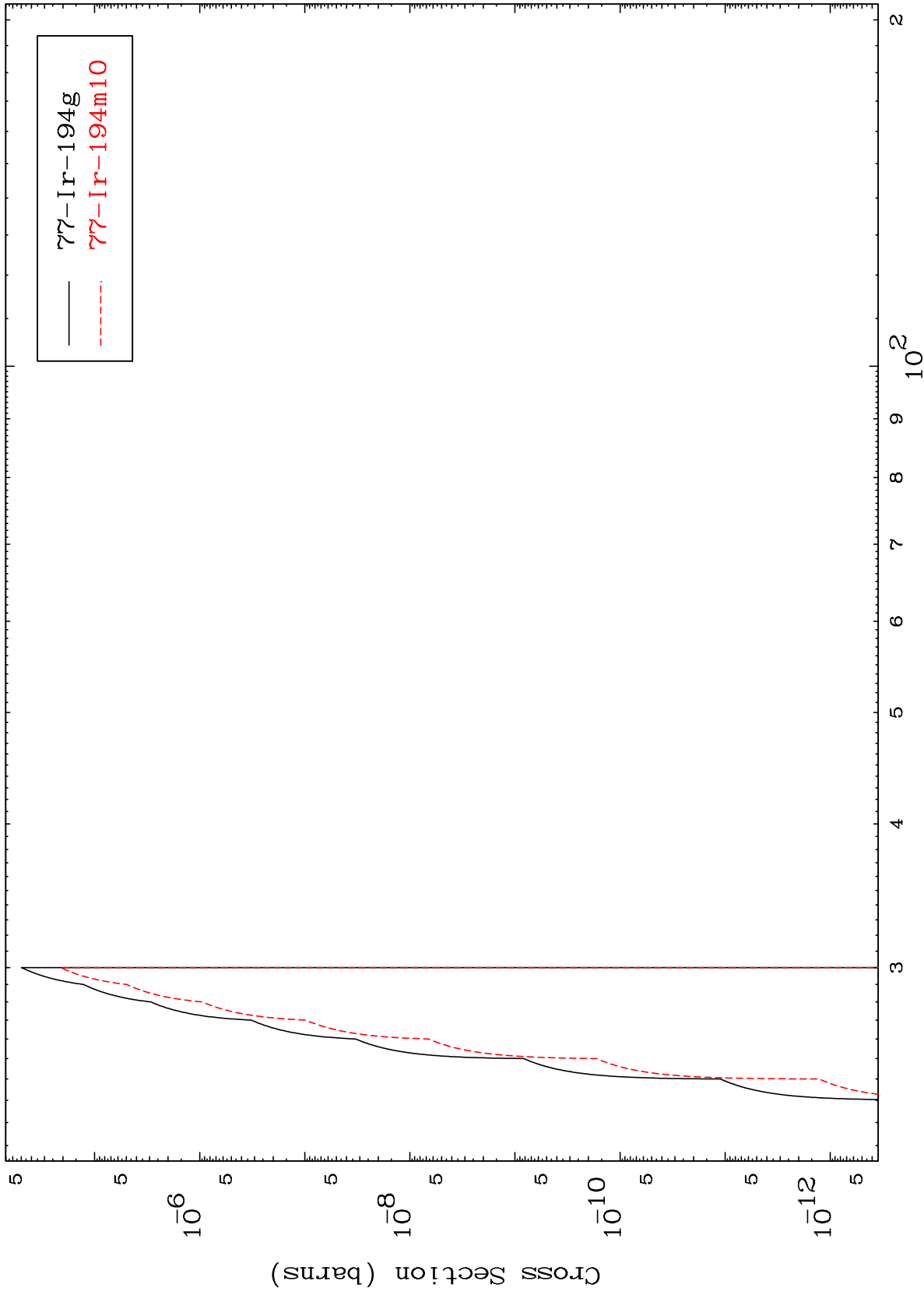
78-Pt-197

MAT 7847

(n,3n) p

78-Pt-197

Radionuclide Production Cross Section



29

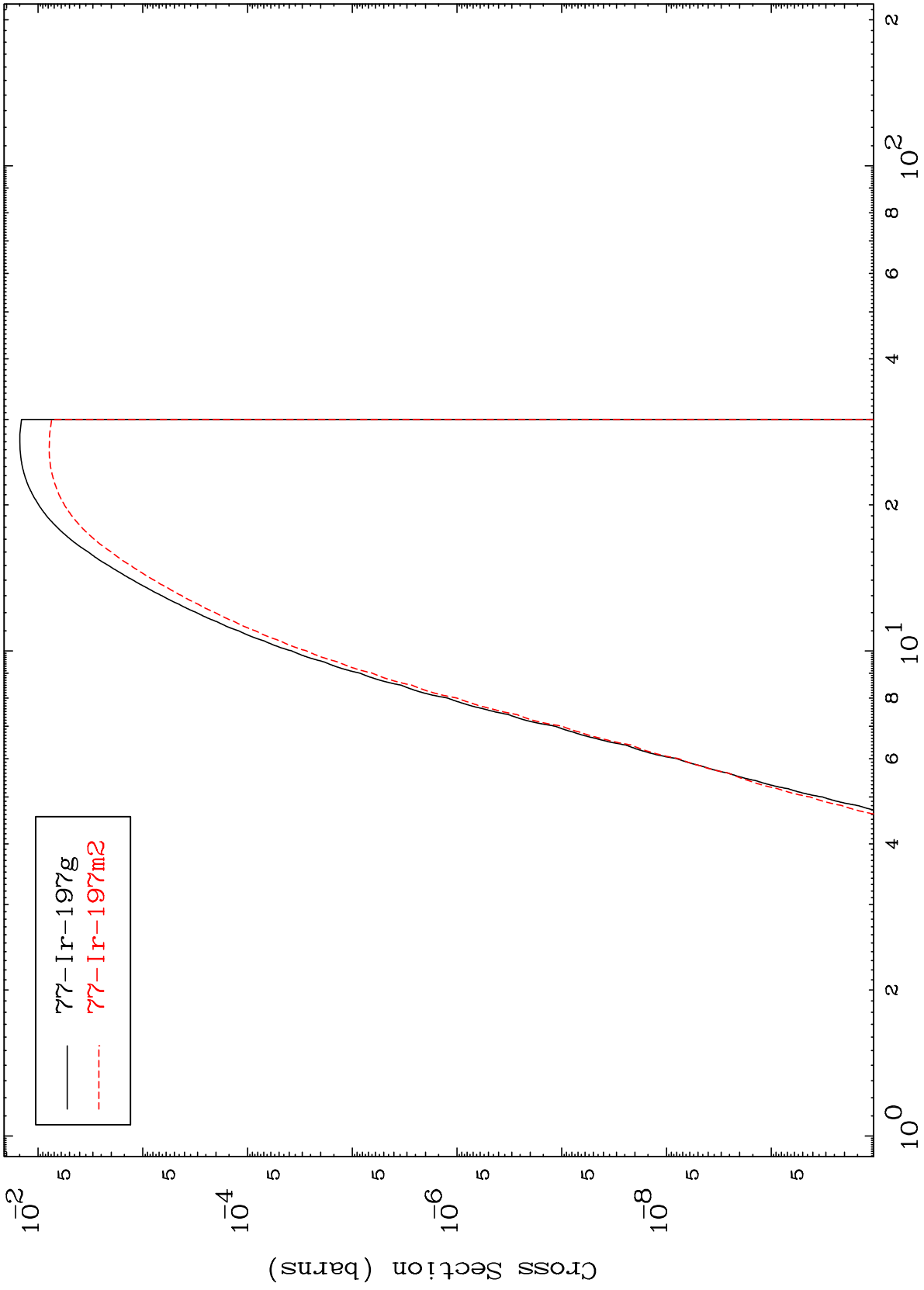
Incident Energy (MeV)

78-Pt-197

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78-Pt-197

(n,p)
Radionuclide Production Cross Section



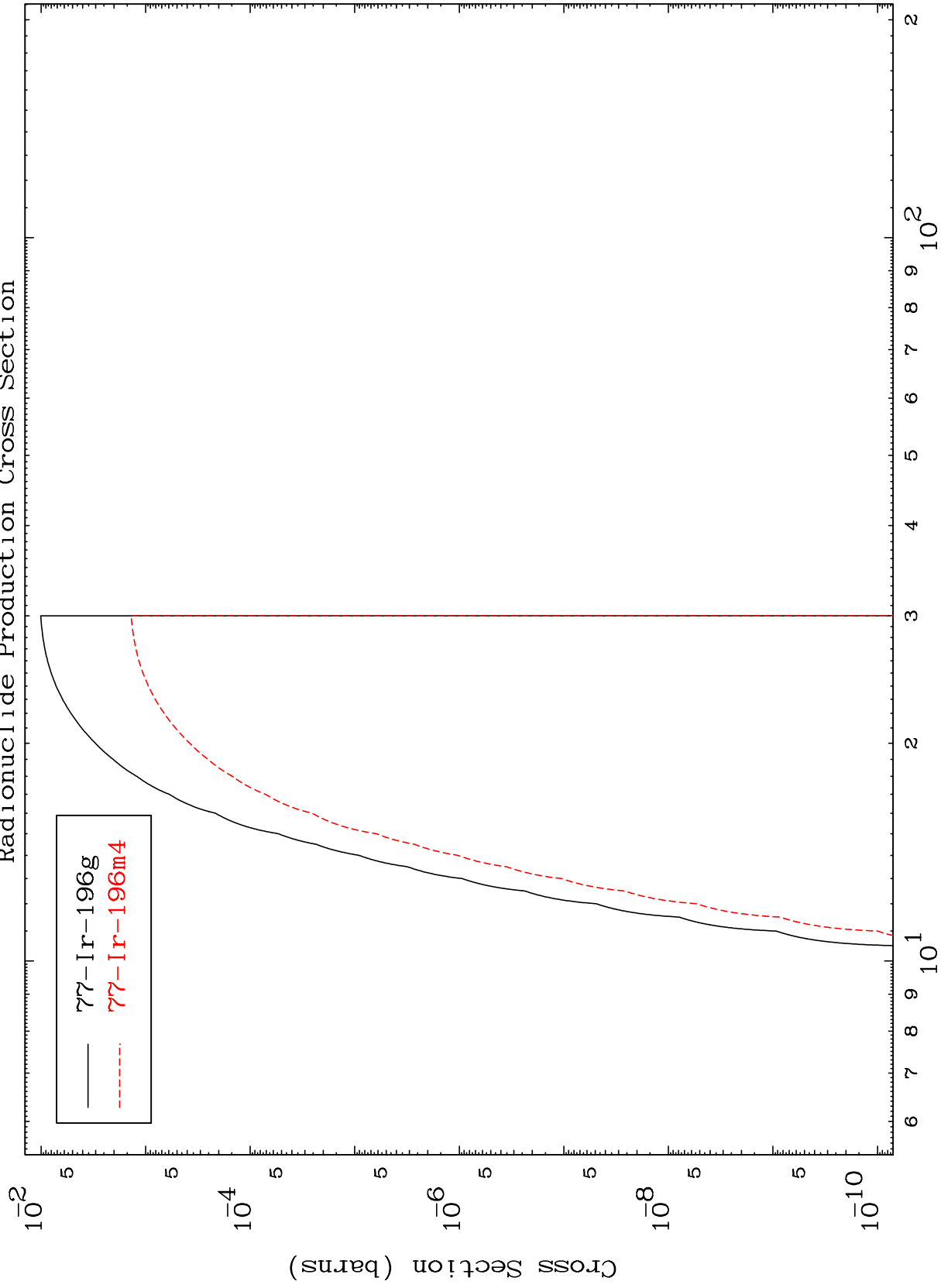
Incident Energy (MeV)

78-Pt-197

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Radionuclide Production Cross Section
(n,d)

78-Pt-197



31

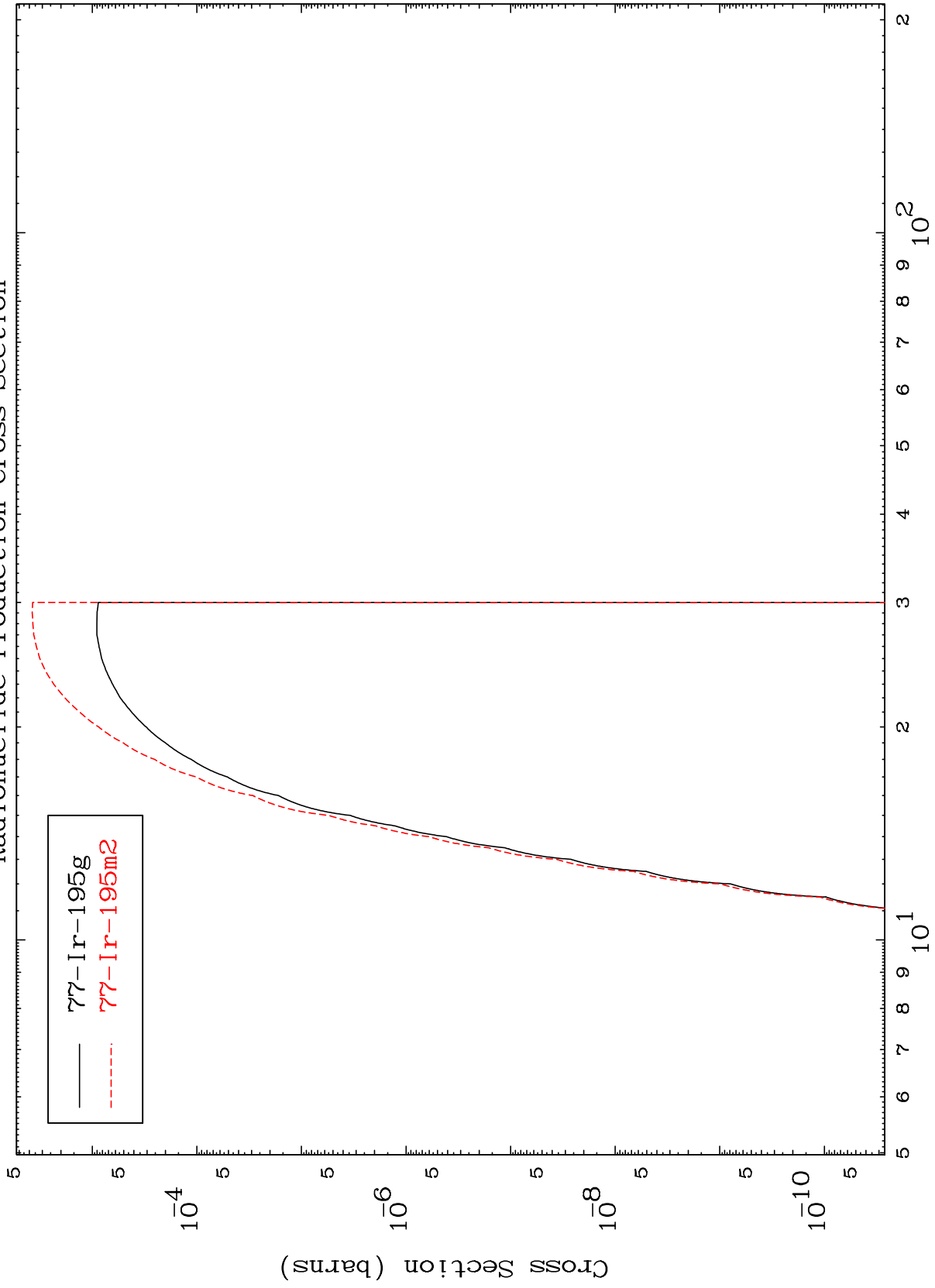
Incident Energy (MeV)

78-Pt-197

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78-Pt-197

Radionuclide Production Cross Section (n,t)



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