

Program EVALPLOT
(Version 2021-1)

by

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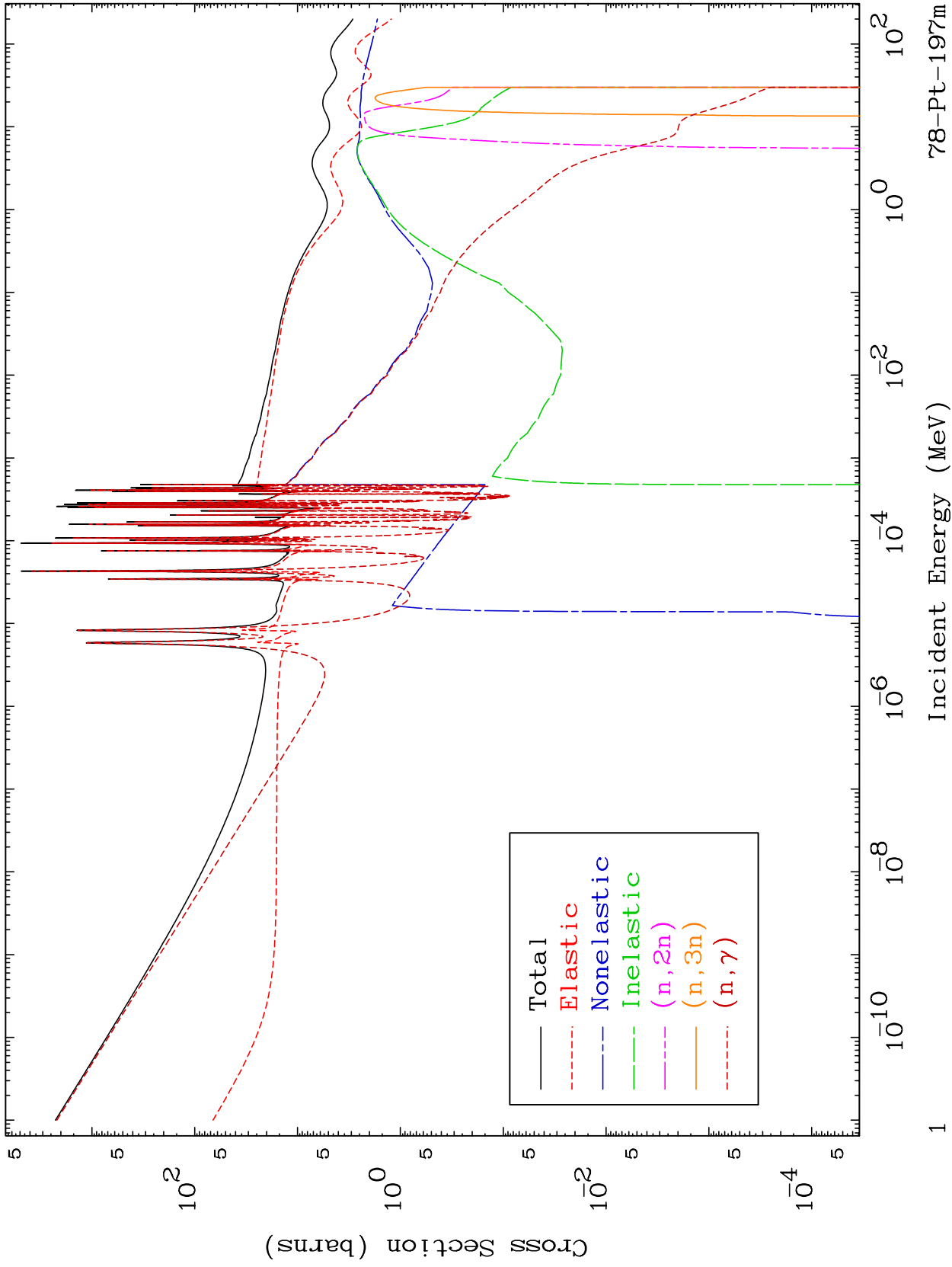
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Press Mouse Button to Start

MAT 7847

Neutron Major
293 Kelvin Cross Sections

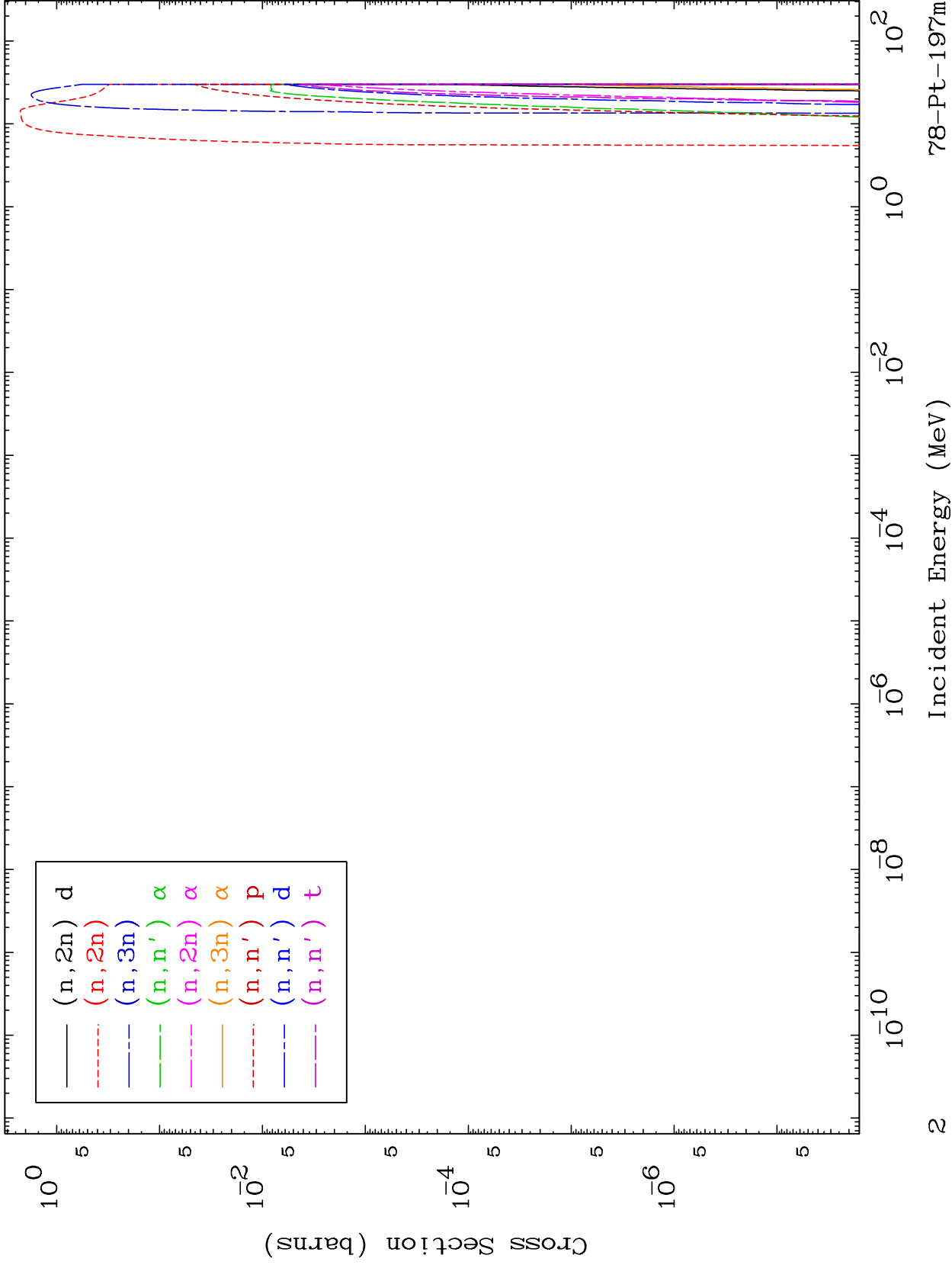
78-Pt-197m



MAT 7847

Neutron Absorption
293 Kelvin Cross Sections

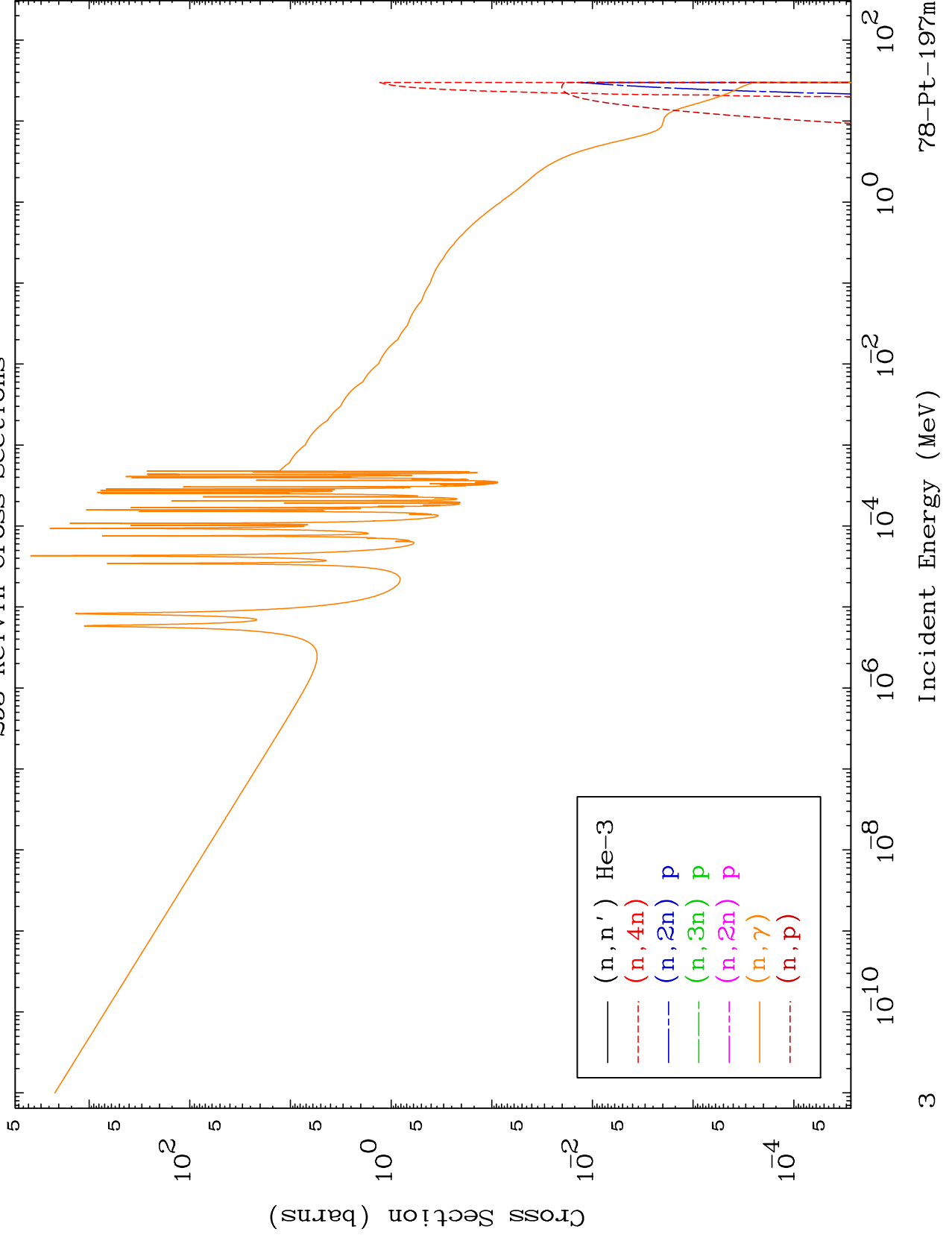
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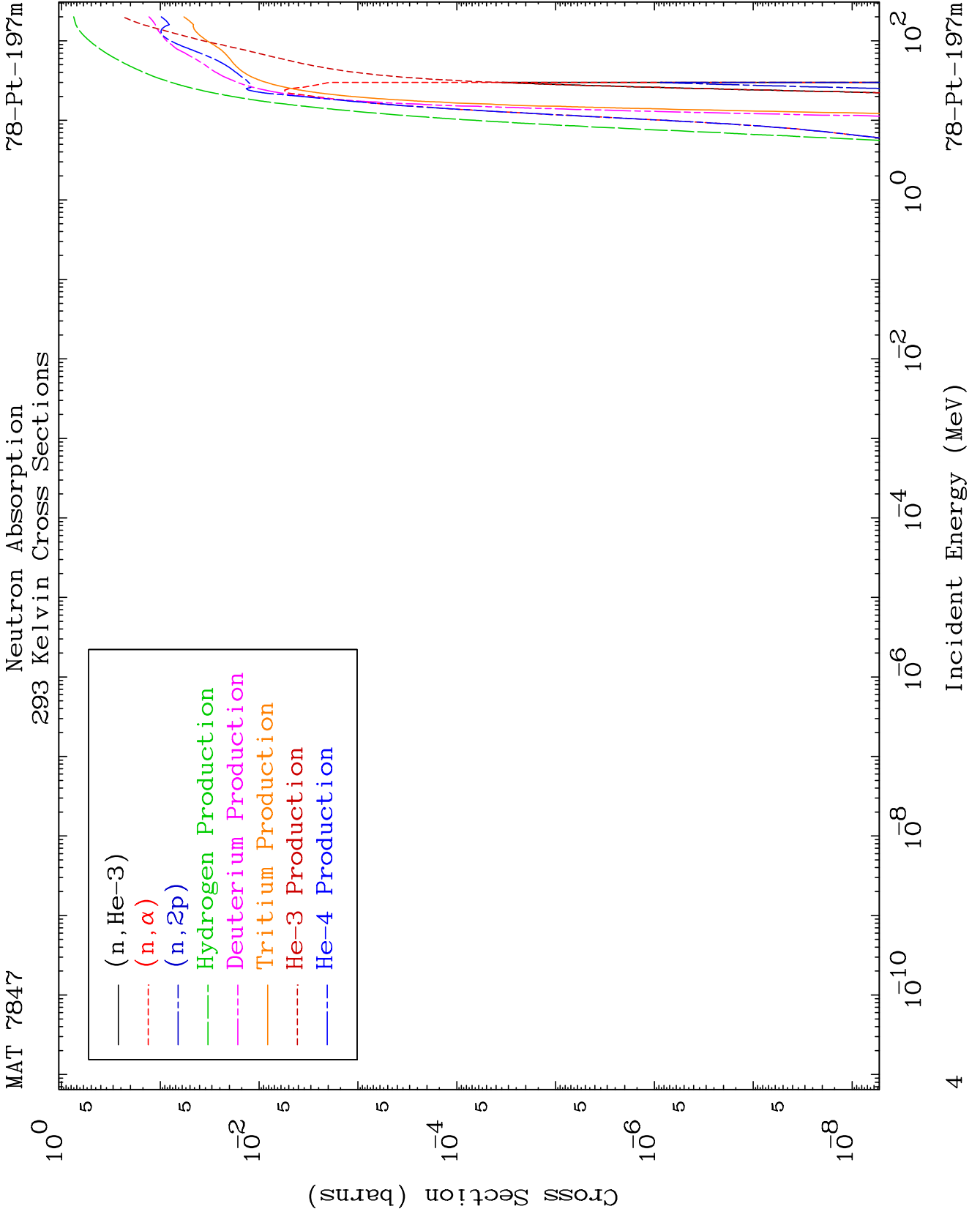


MAT 7847

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-197m

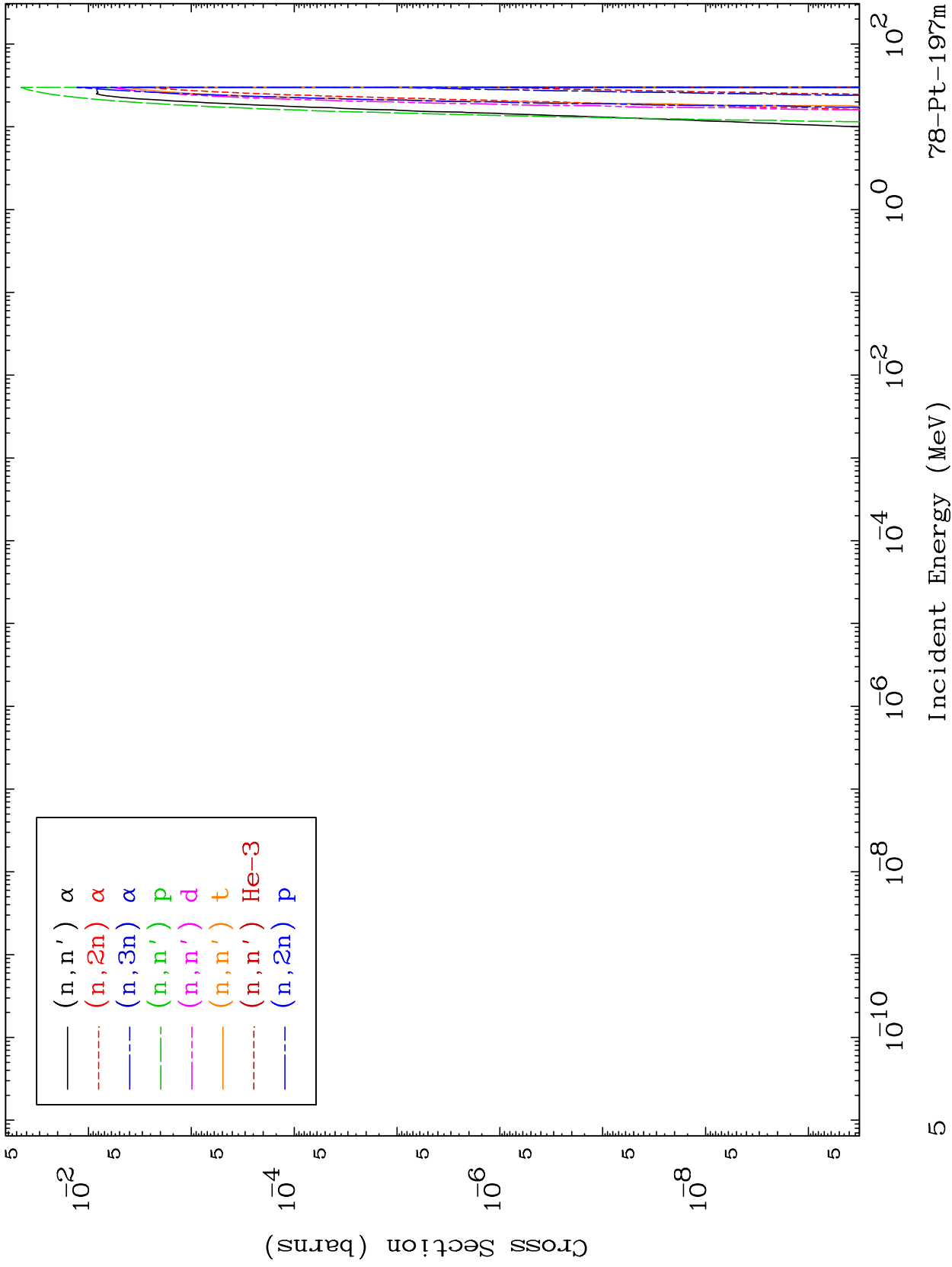




MAT 7847

Charged Particle
293 Kelvin Cross Sections

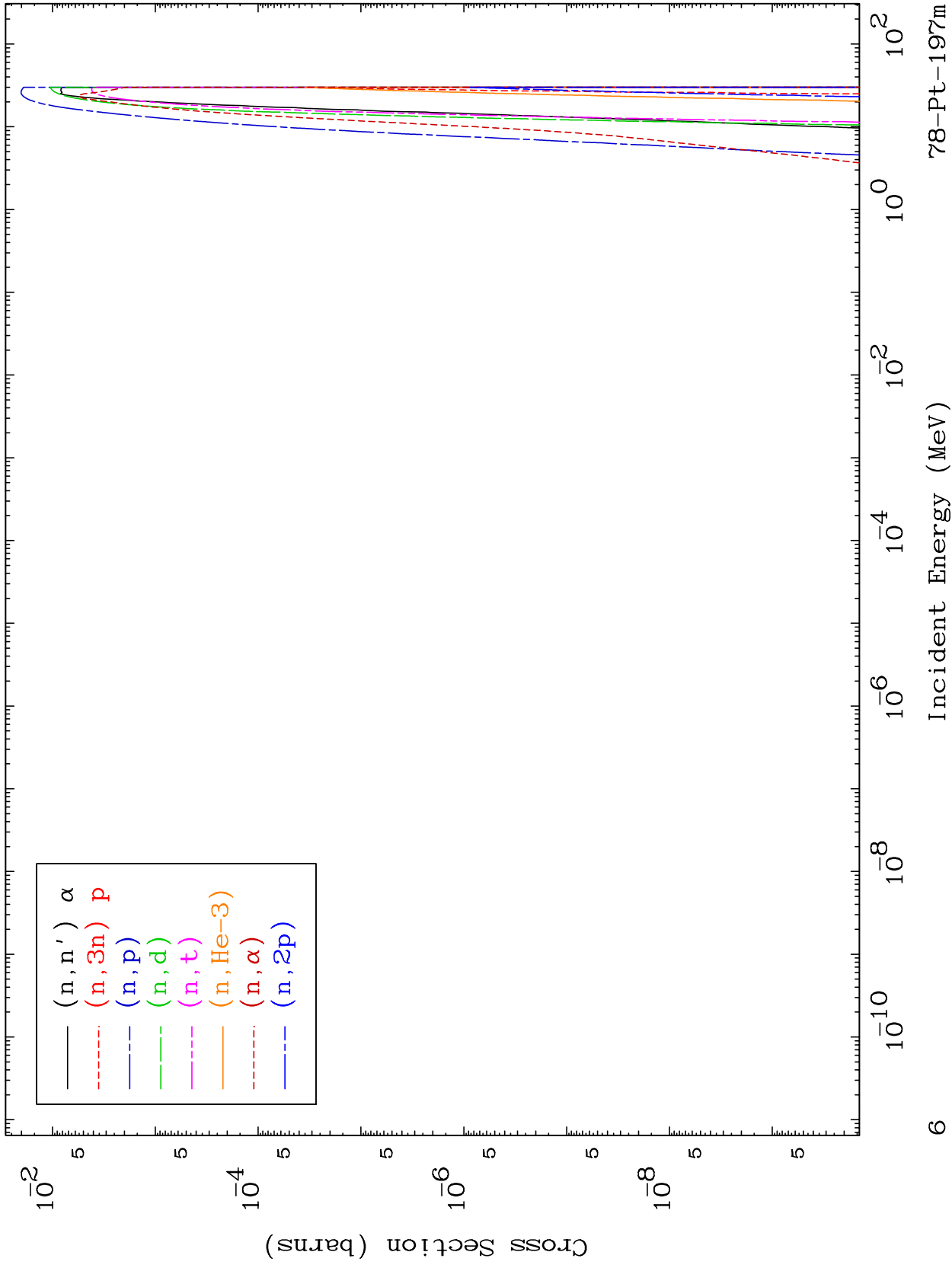
78-Pt-197m



MAT 7847

Charged Particle
293 Kelvin Cross Sections

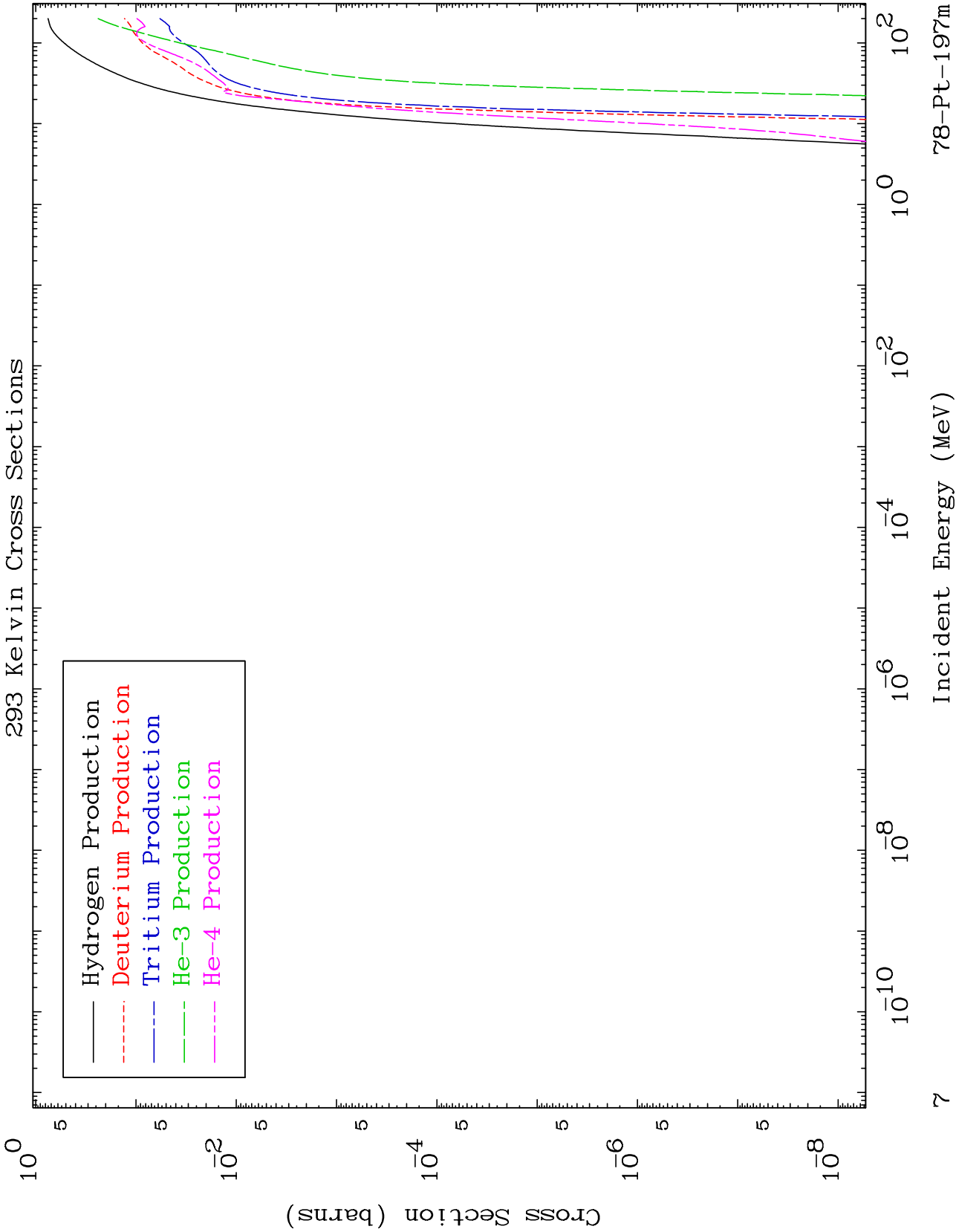
78-Pt-197m



MAT 7847

Particle Production
293 Kelvin Cross Sections

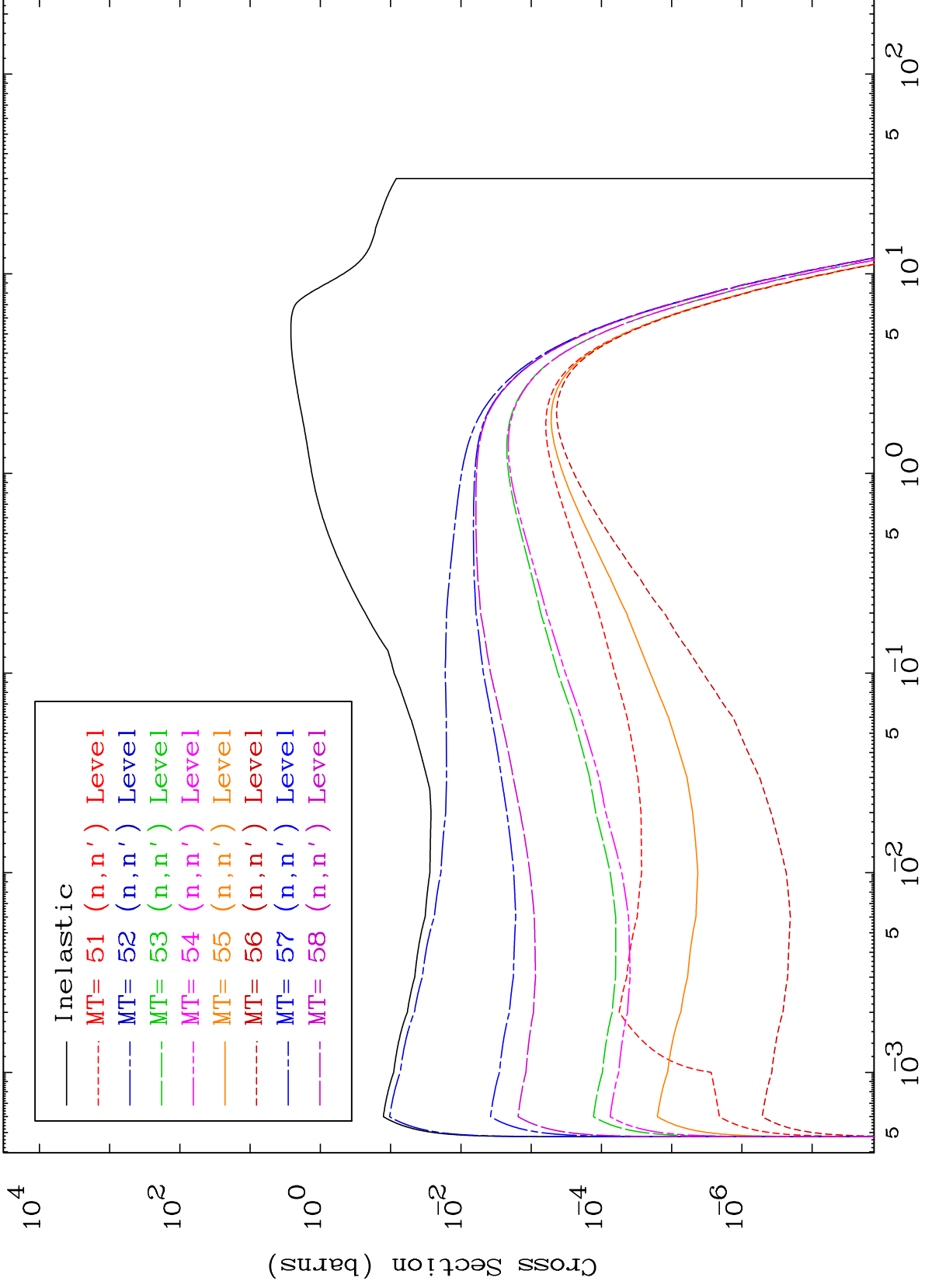
78-Pt-197m



MAT 7847

(n,n') Levels
293 Kelvin Cross Sections

78-Pt-197m



8

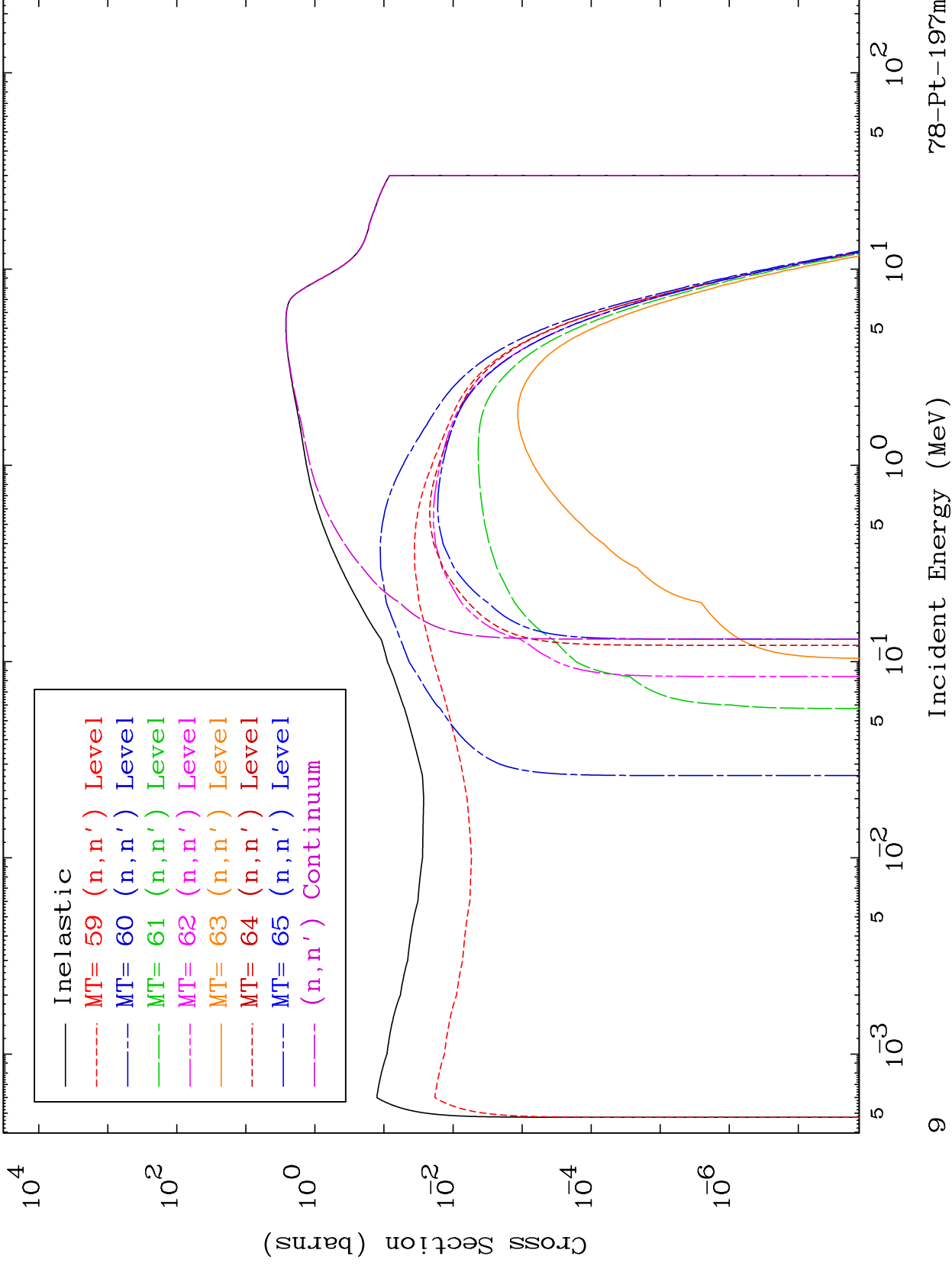
Incident Energy (MeV)

78-Pt-197m

MAT 7847

293 Kelvin Cross Sections
(n,n') Levels

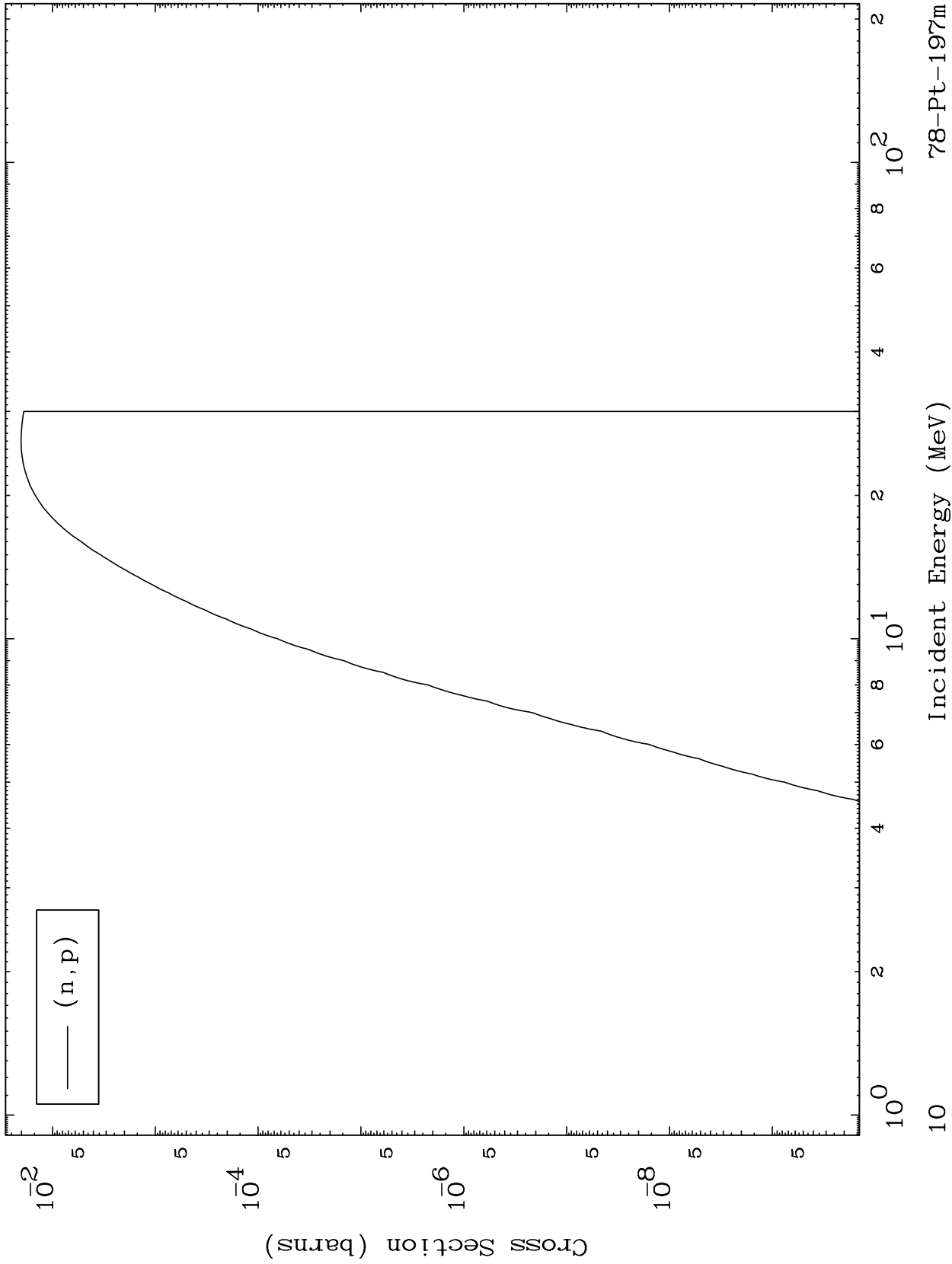
78-Pt-197m



MAT 7847

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-197m



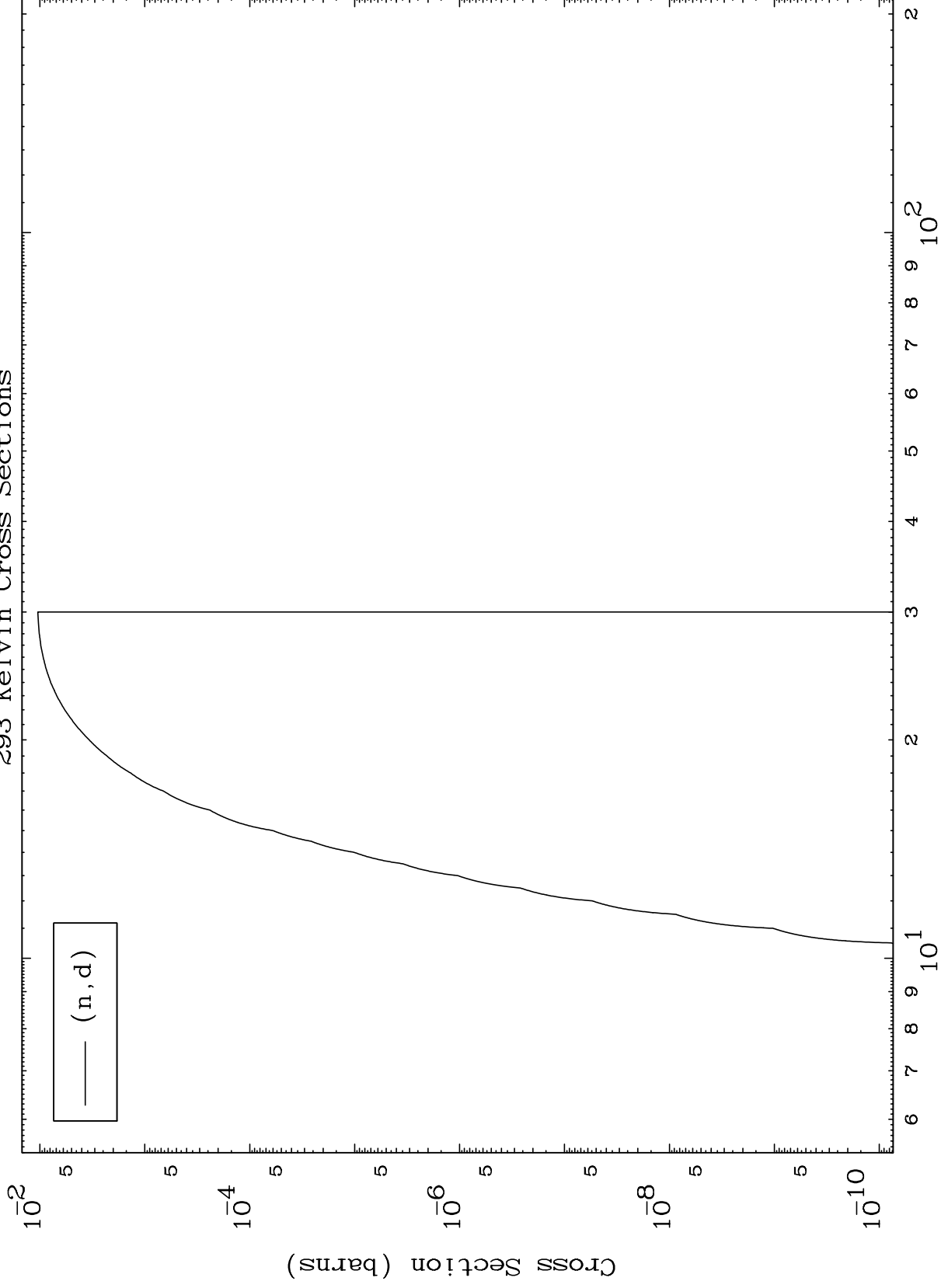
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-197m



11

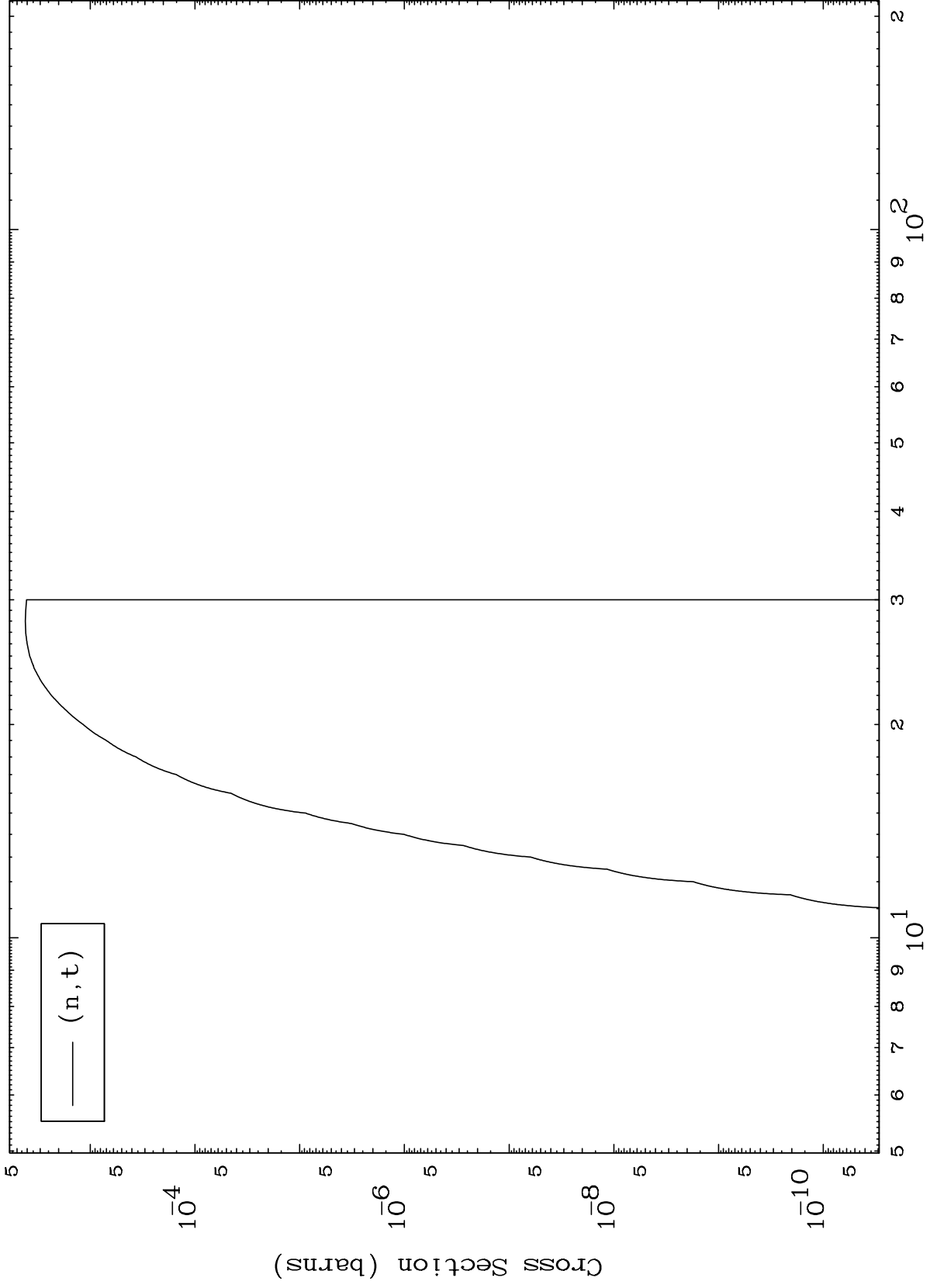
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-197m



12

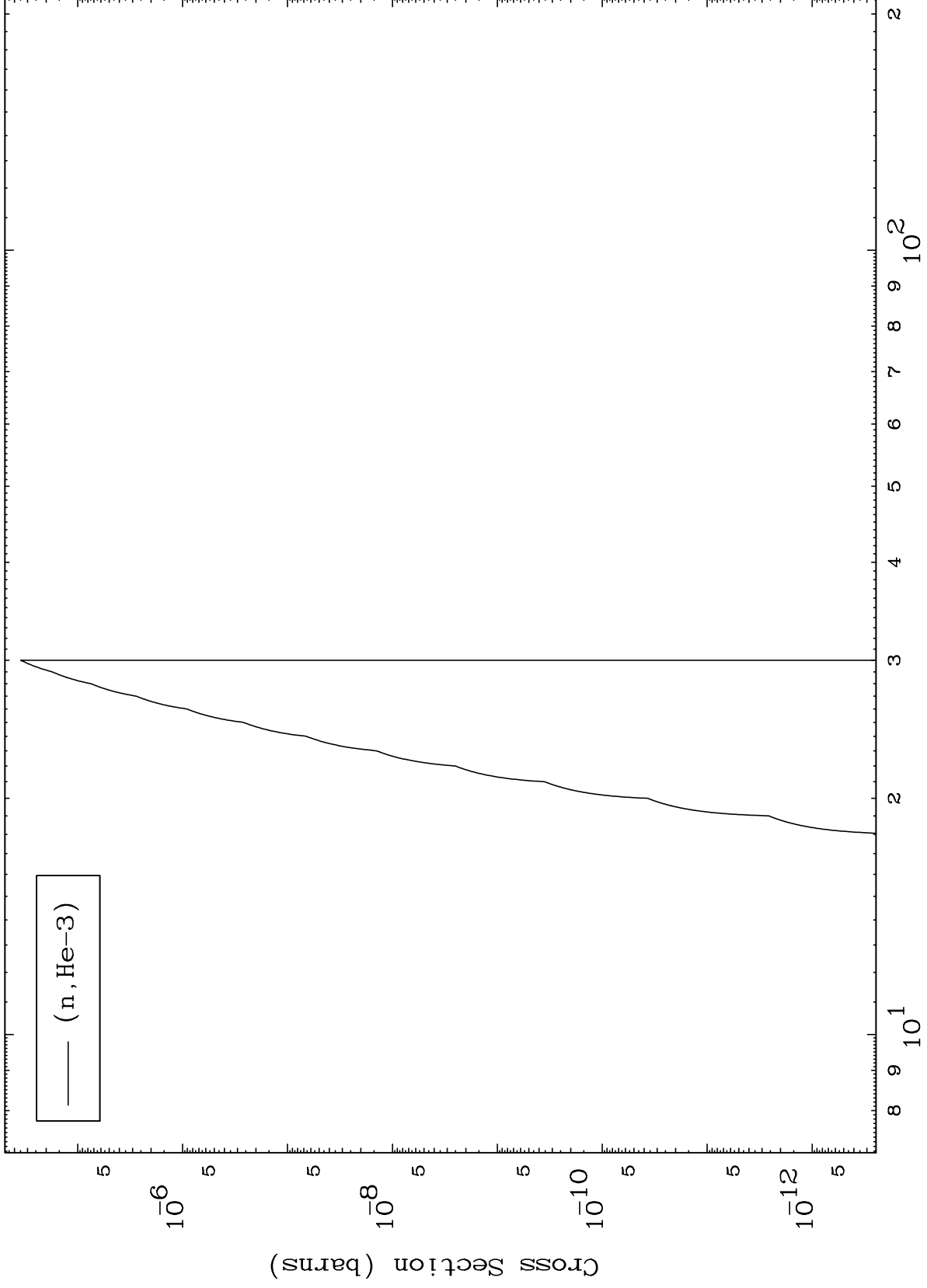
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-197m



13

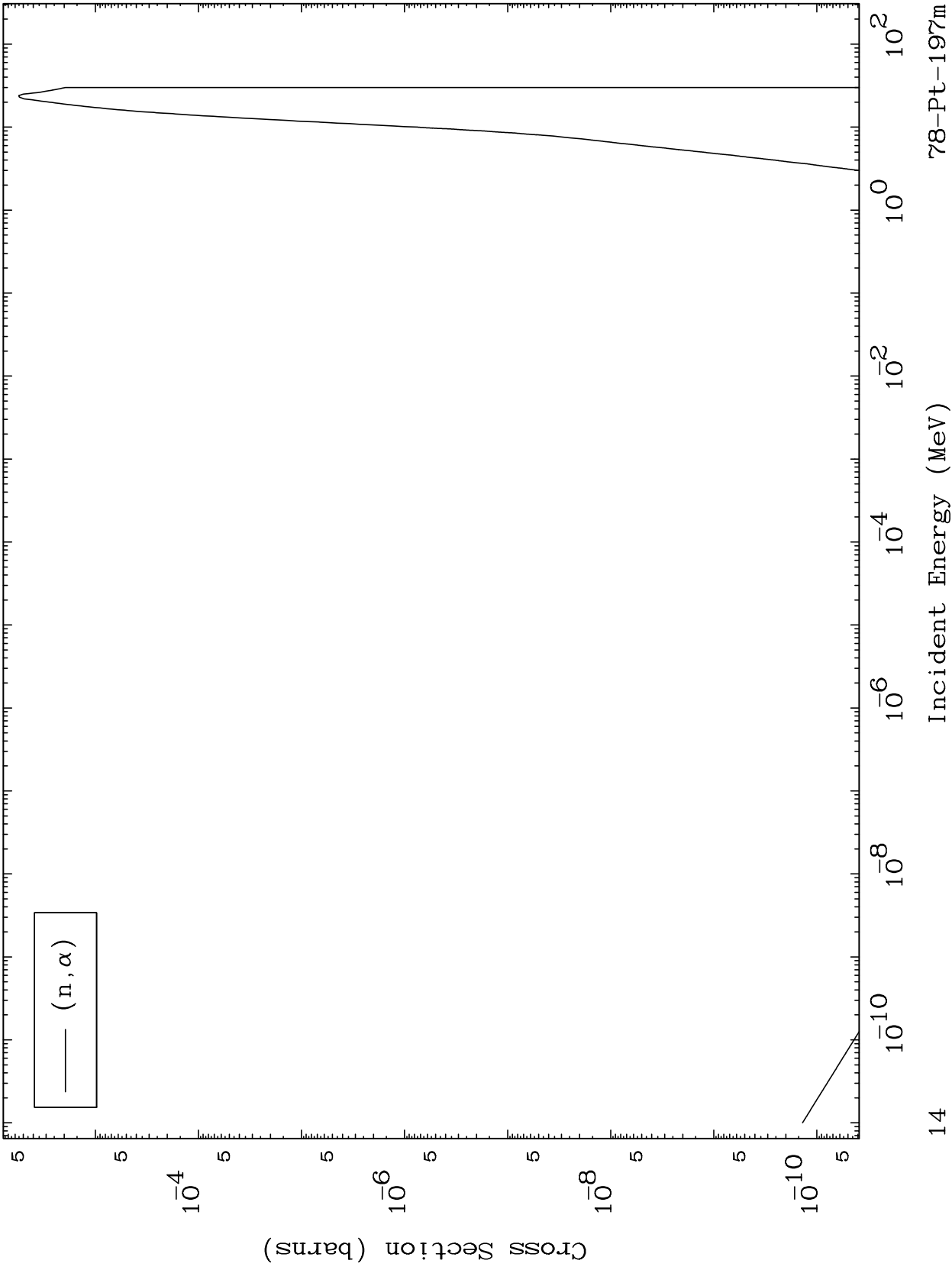
Incident Energy (MeV)

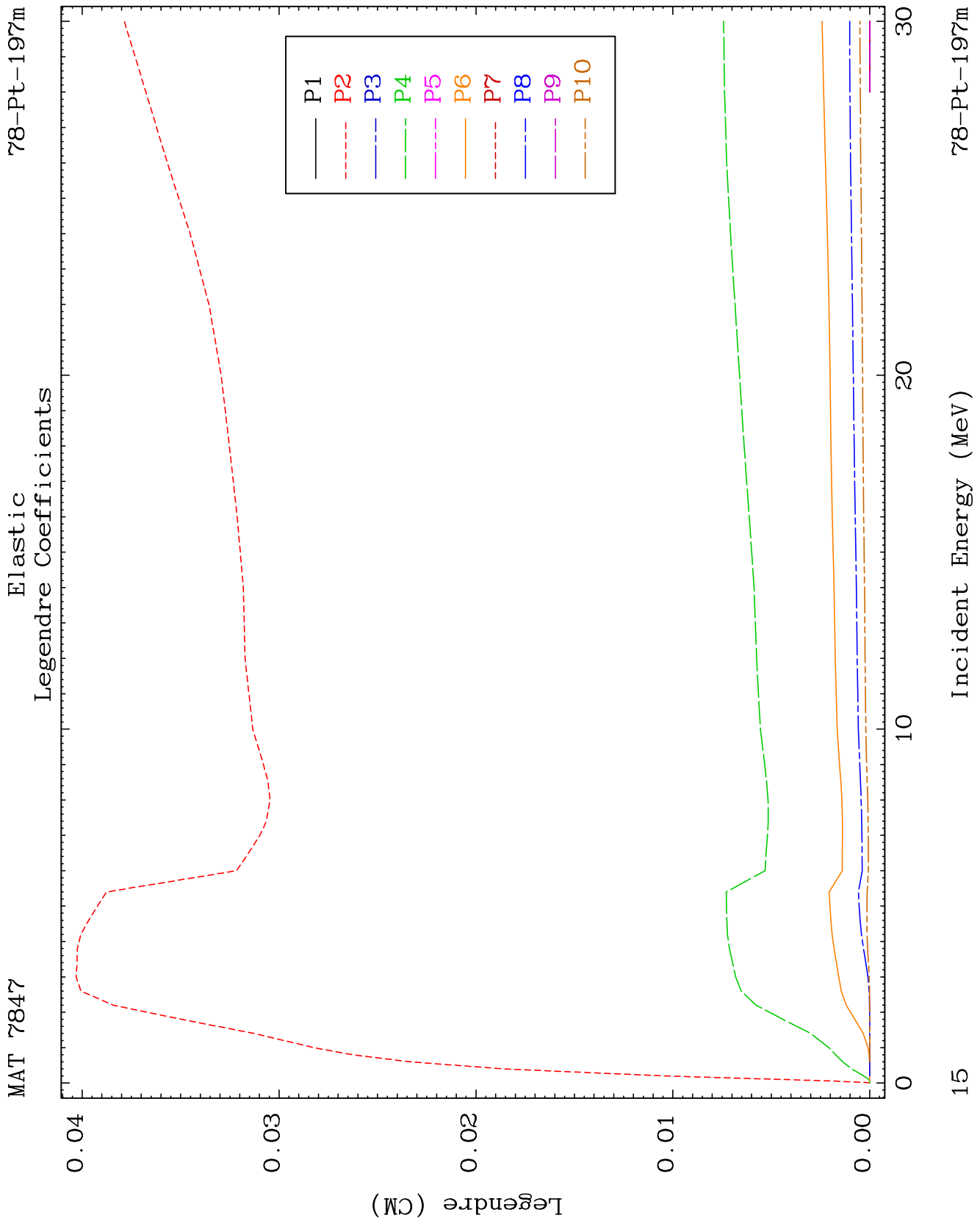
78-Pt-197m

MAT 7847

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-197m

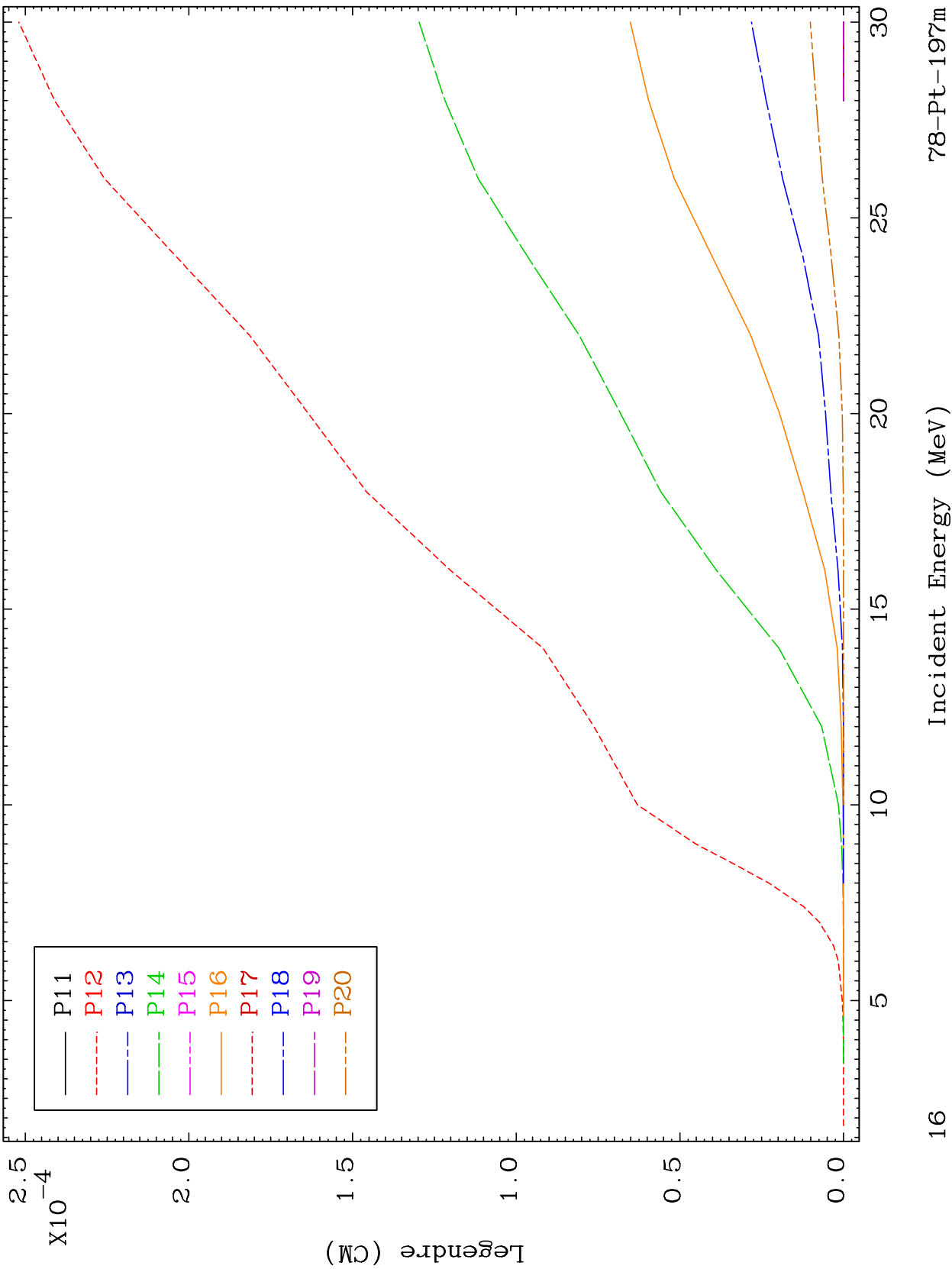




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Elastic
Legendre Coefficients

78-Pt-197m

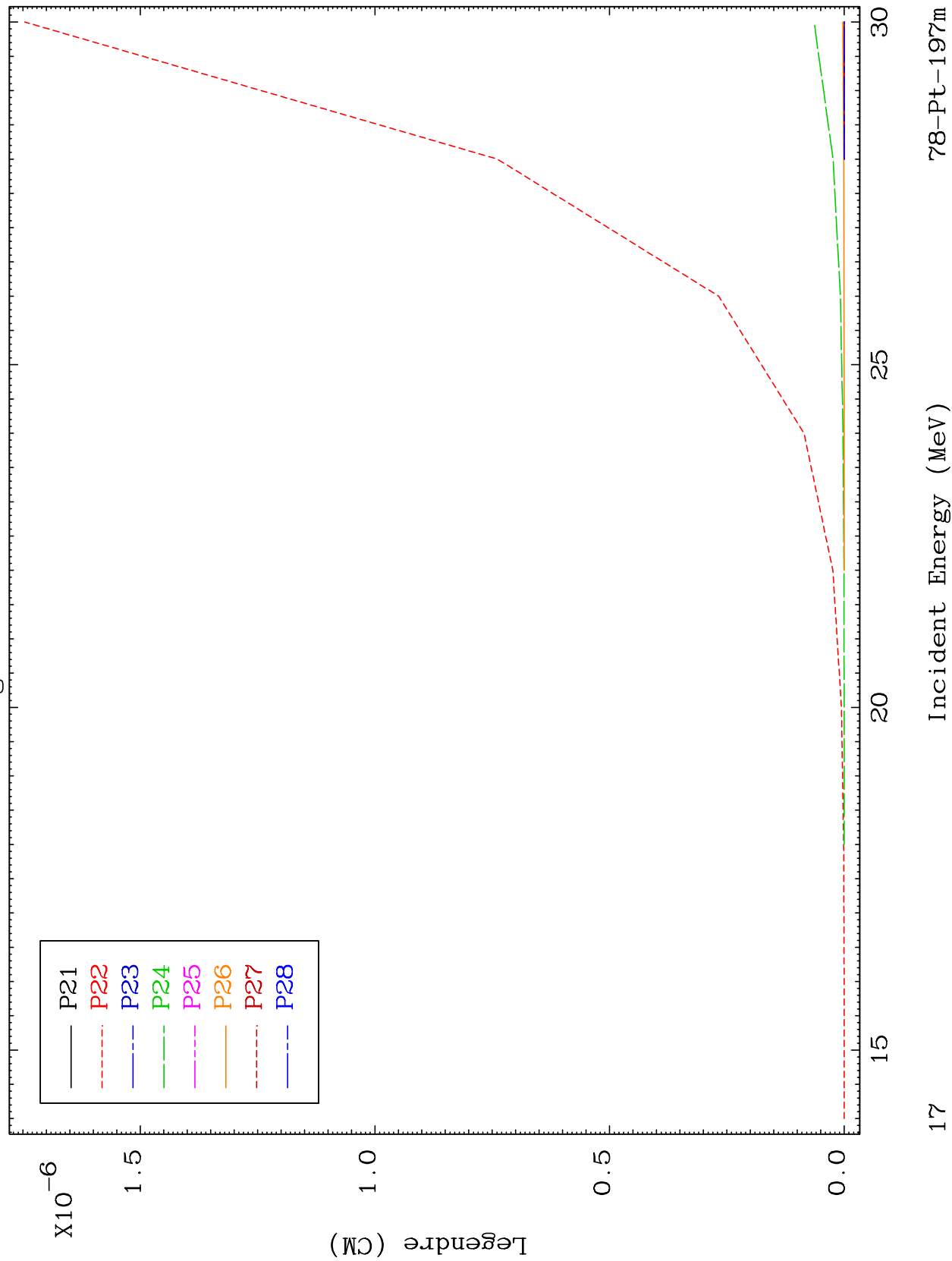


- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18
- P19
- P20

MAT 7847

Elastic
Legendre Coefficients

78-Pt-197m



17

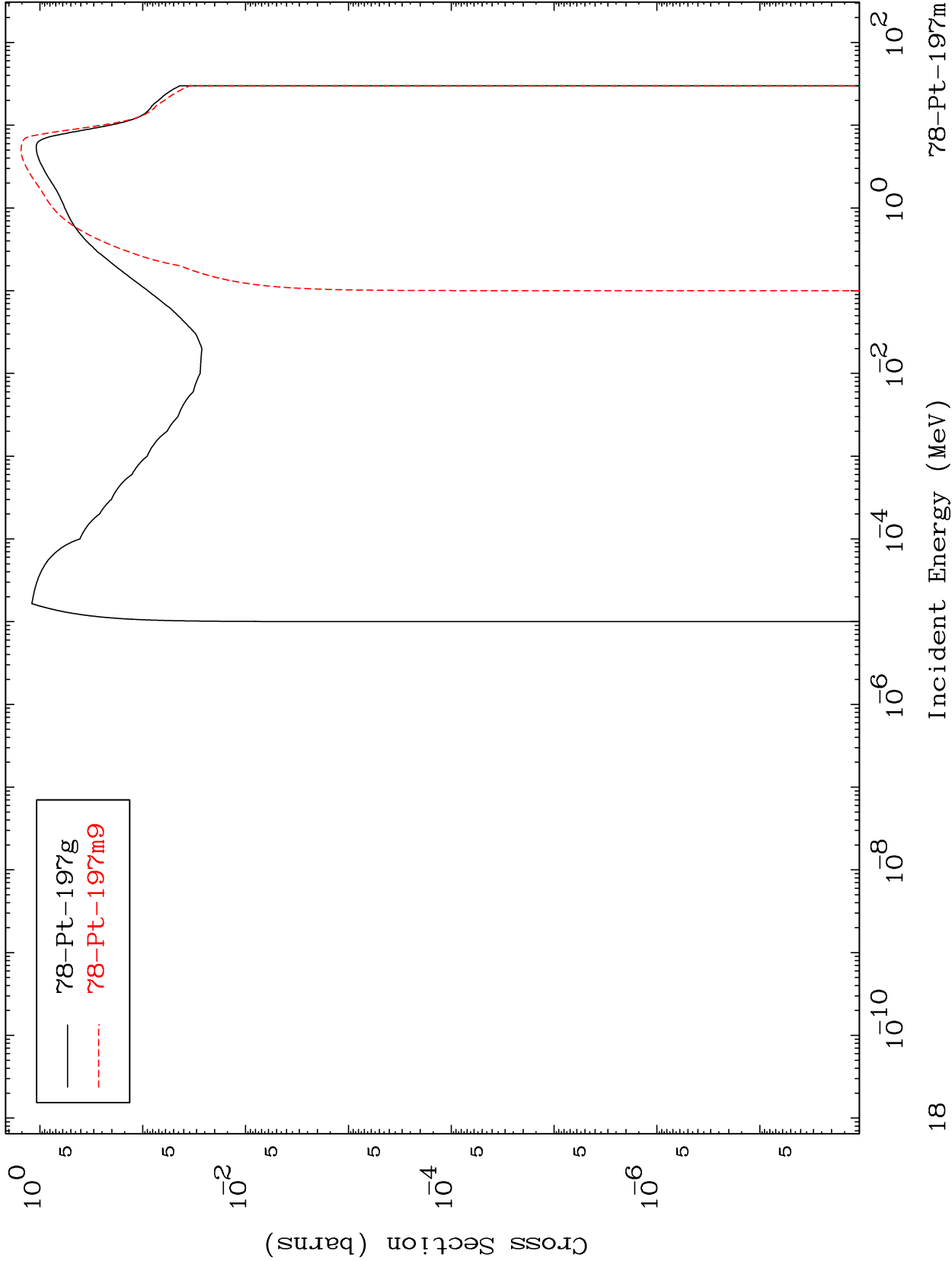
Incident Energy (MeV)

78-Pt-197m

MAT 7847

Radionuclide Production Cross Section

78-Pt-197m

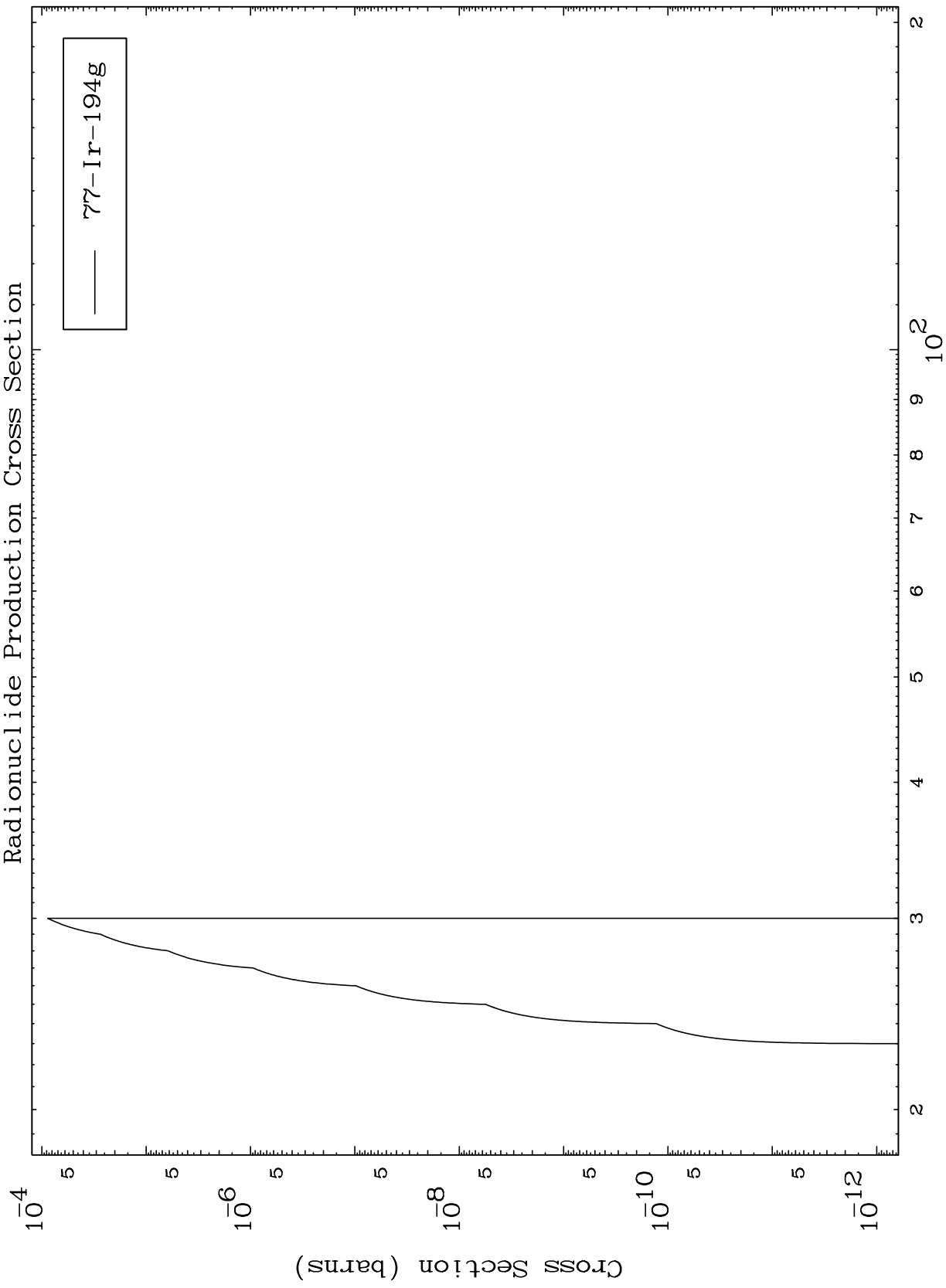


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(n,2n) d

78-Pt-197m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

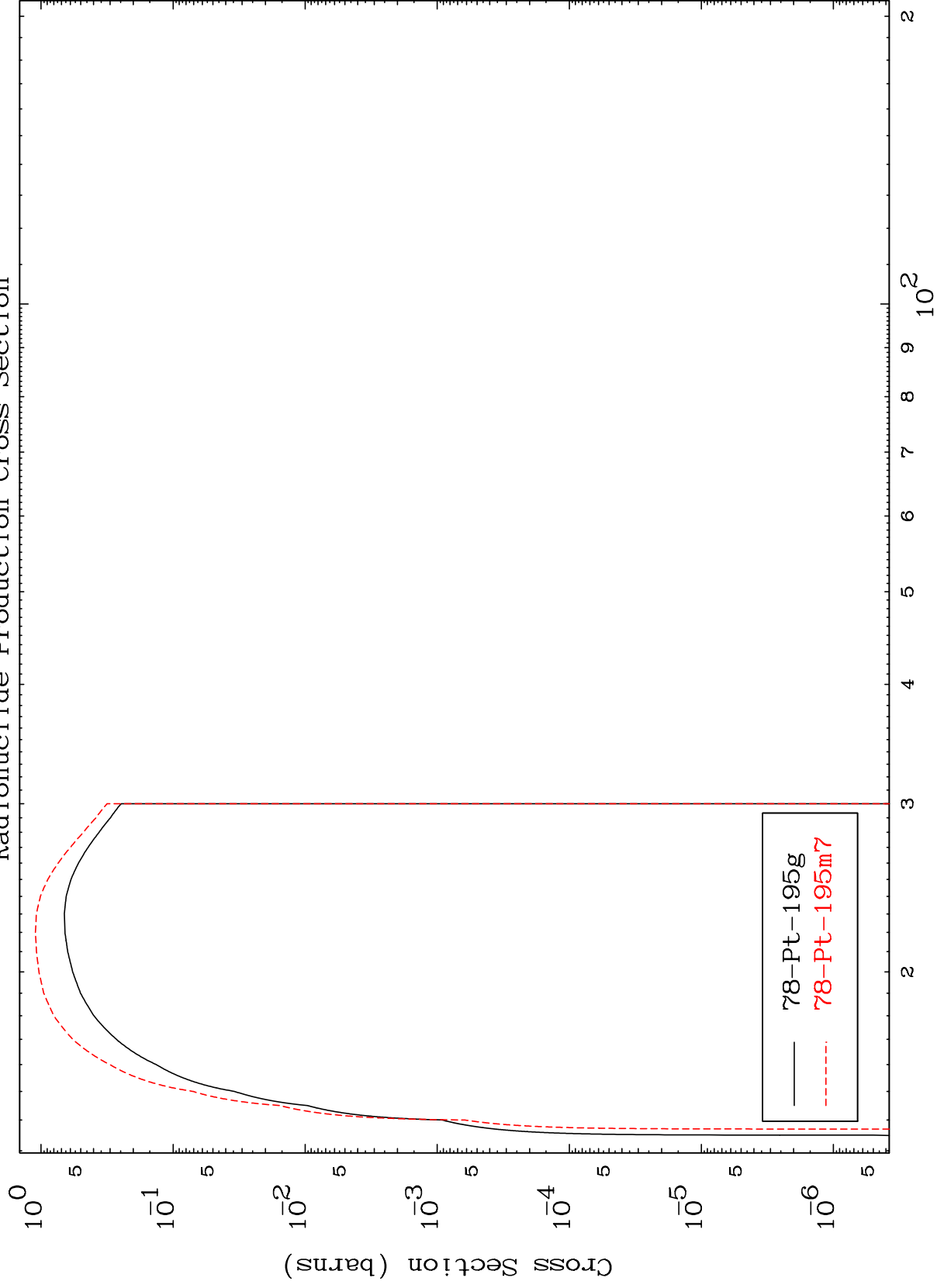
78-Pt-197m

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(n,3n)

78-Pt-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-197m

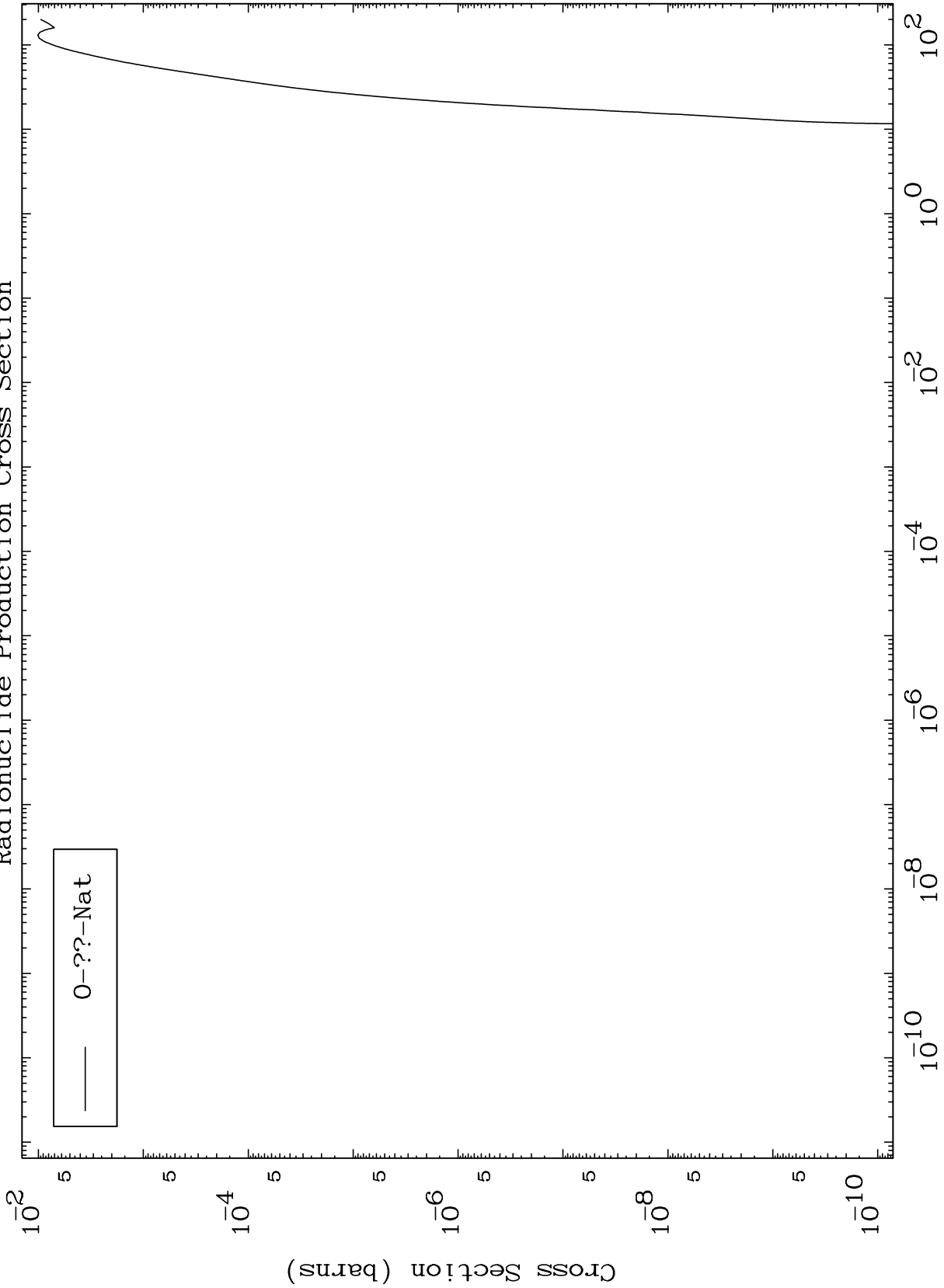
20

MAT 7847

Fission

78-Pt-197m

Radionuclide Production Cross Section

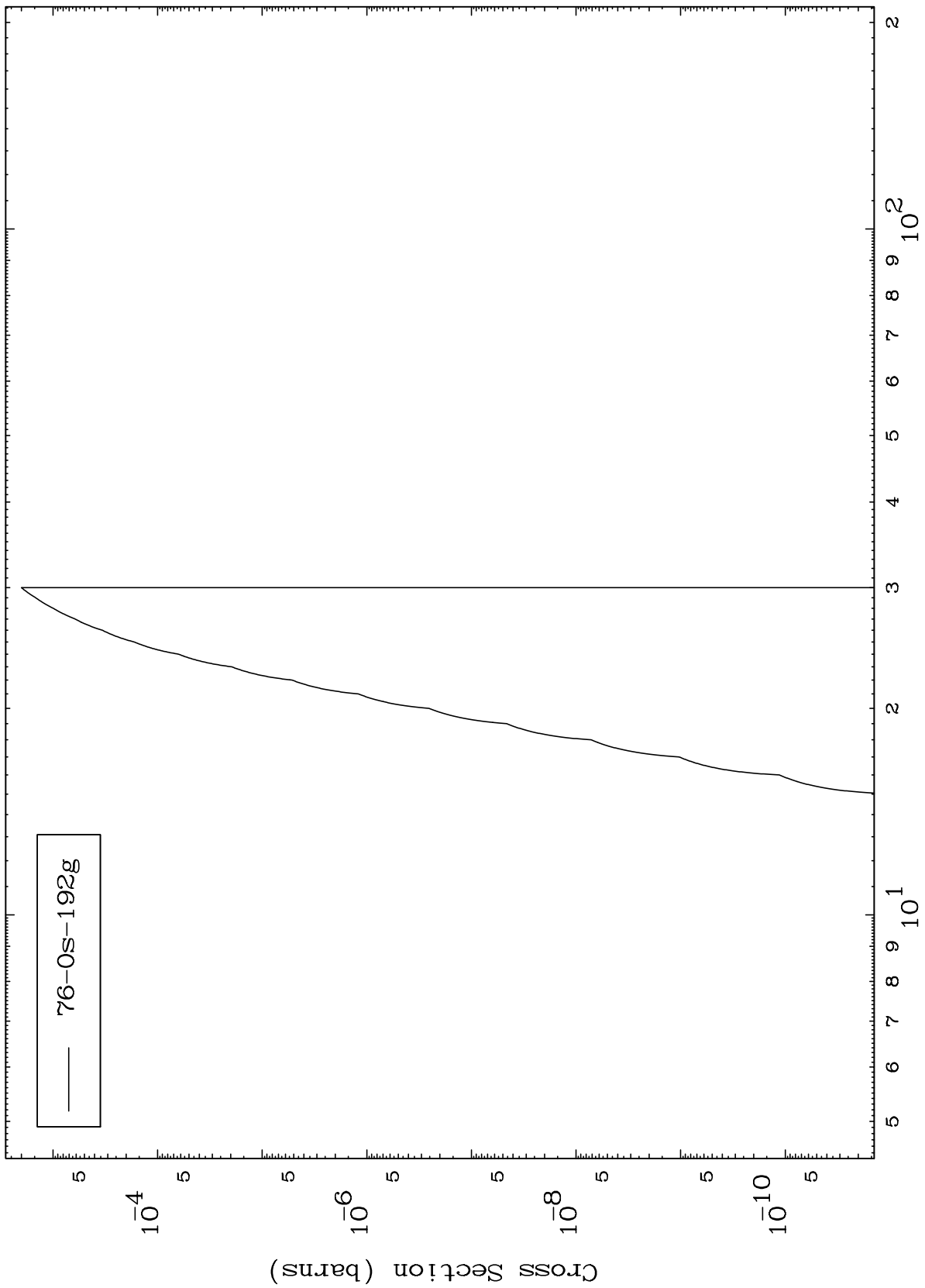


MAT 7847

(n,2n) α

78-Pt-197m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

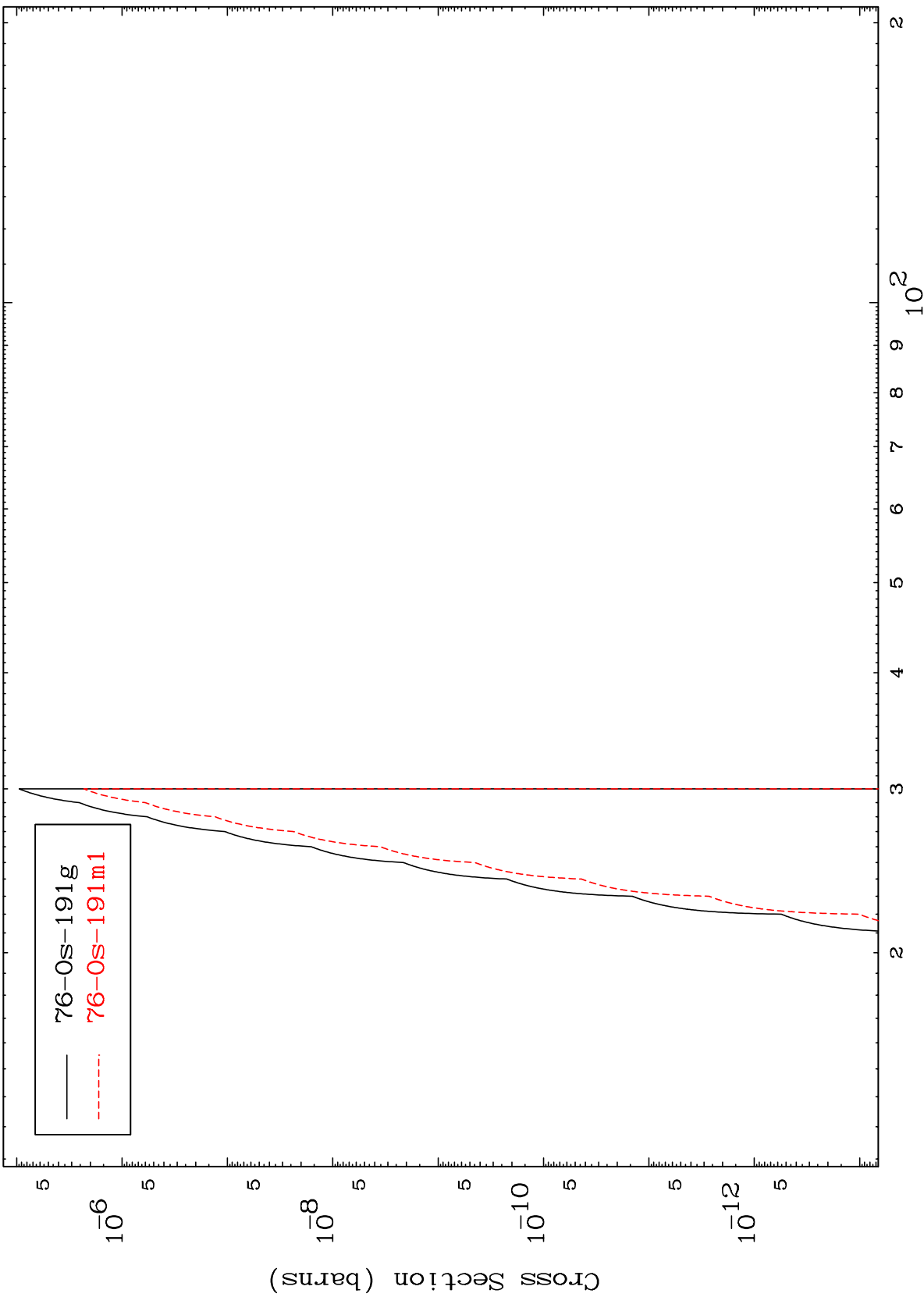
78-Pt-197m

MAT 7847

(n,3n) α

78-Pt-197m

Radionuclide Production Cross Section

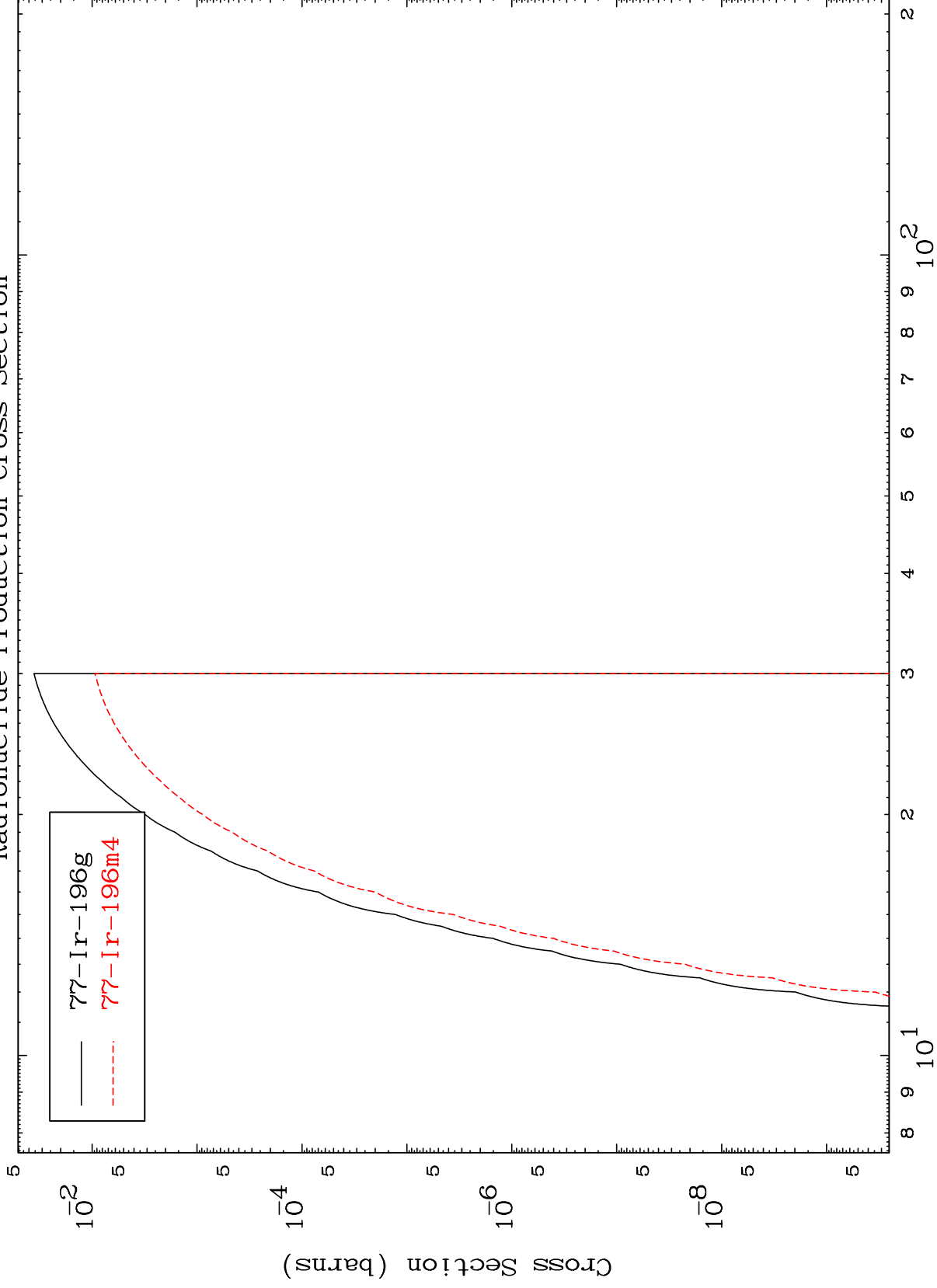


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(n,n') p

78-Pt-197m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

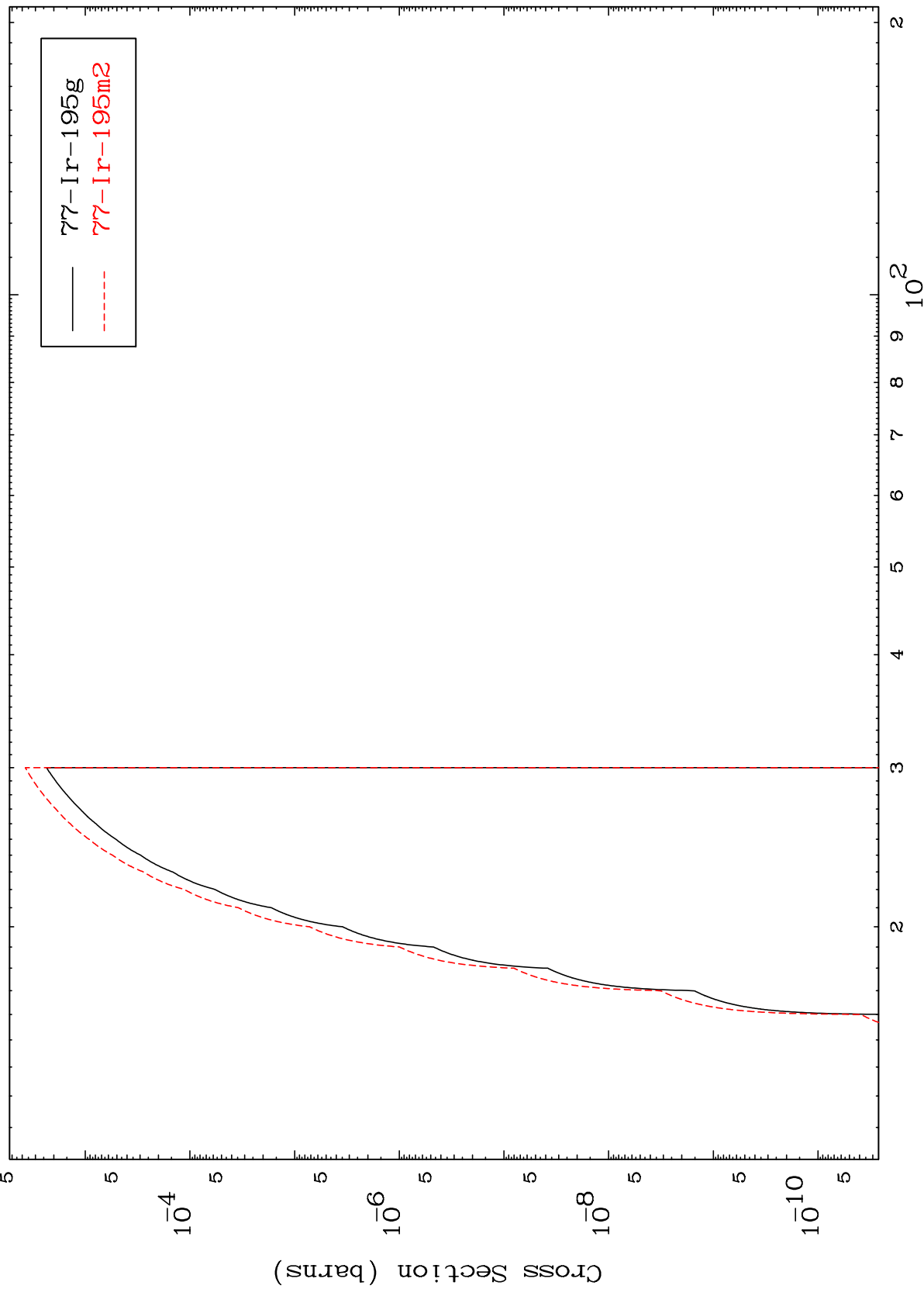
78-Pt-197m

MAT 7847

(n,n') d

78-Pt-197m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

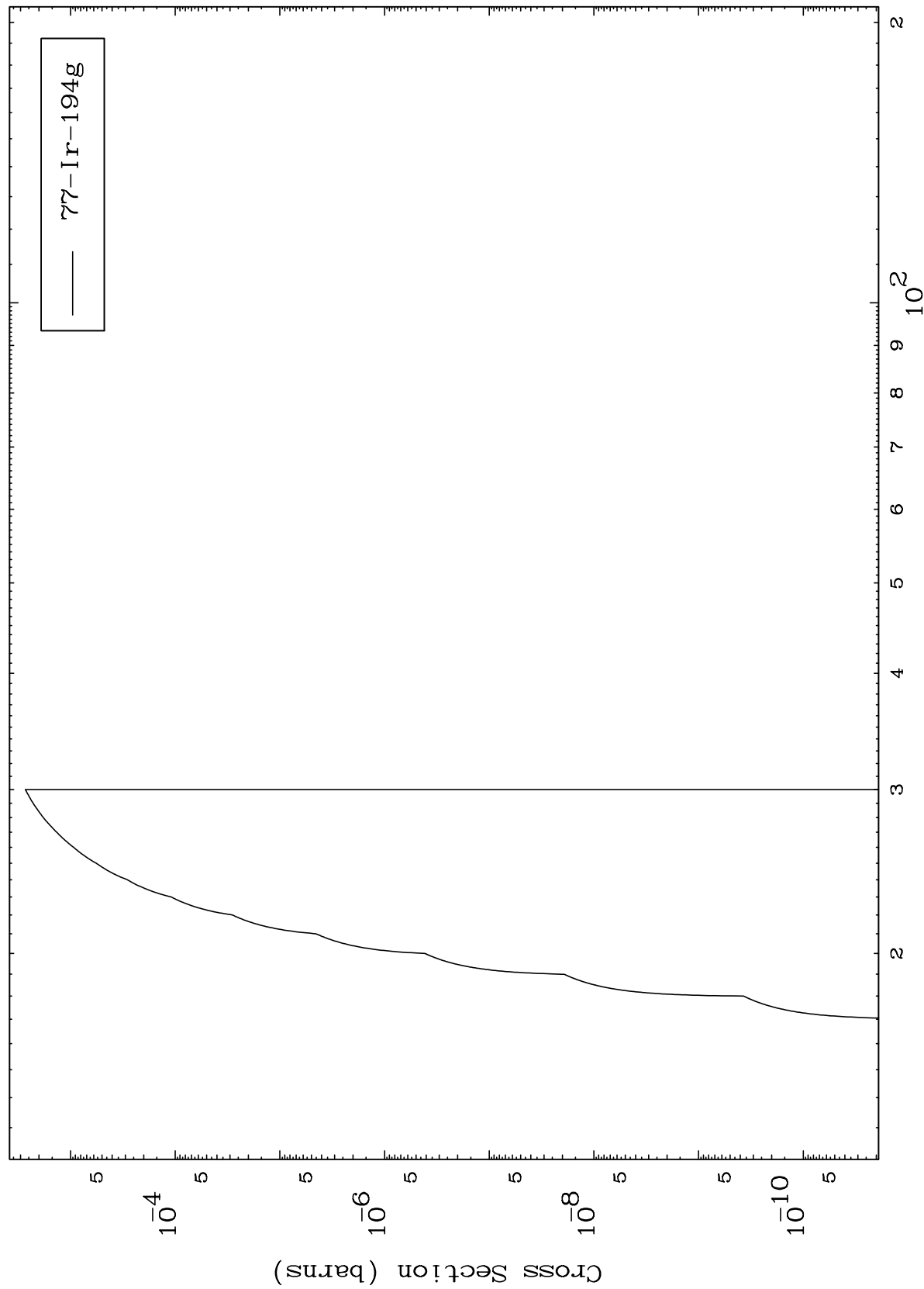
78-Pt-197m

MAT 7847

(n,n') t

78-Pt-197m

Radionuclide Production Cross Section



26

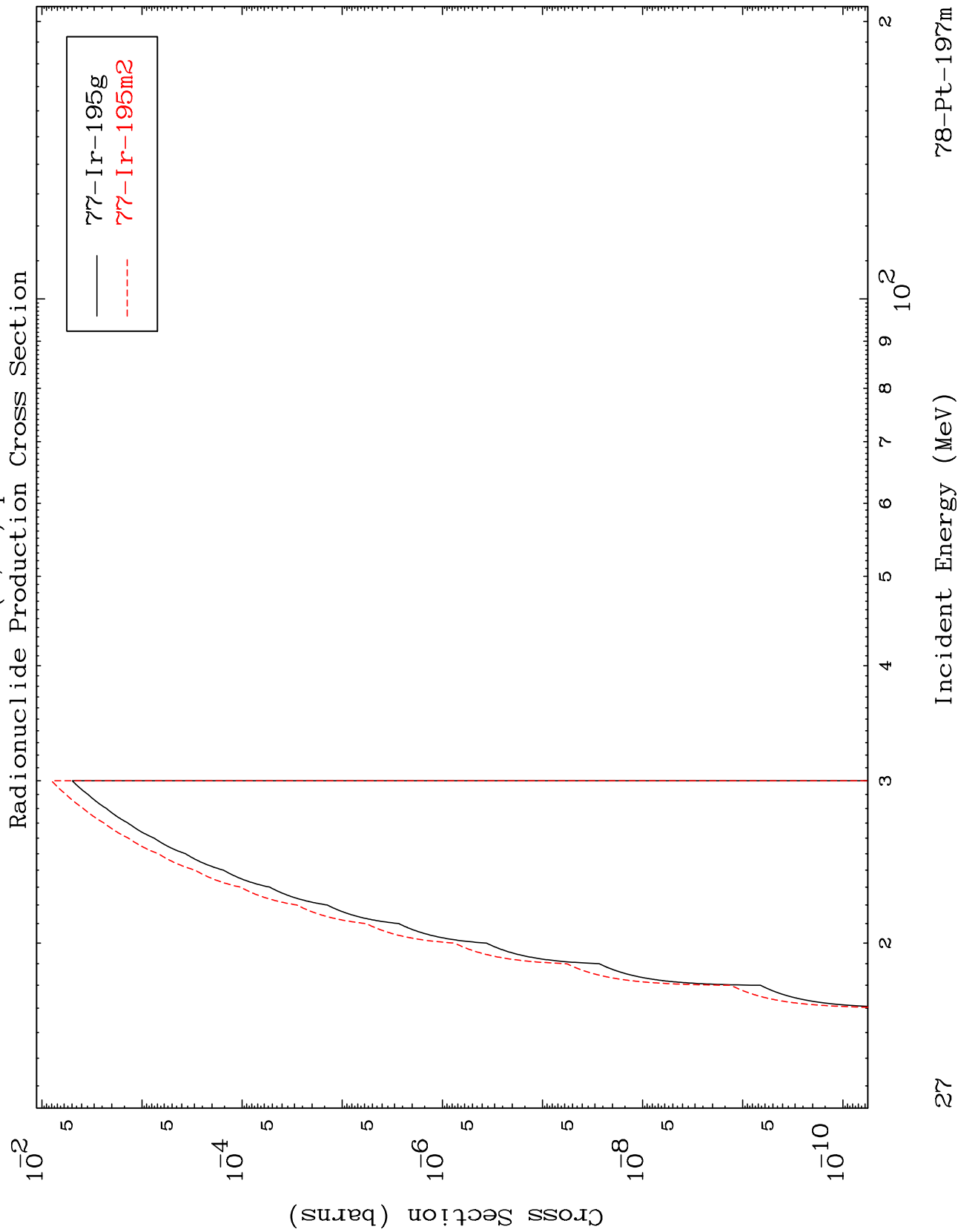
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(n,2n) p

78-Pt-197m



27

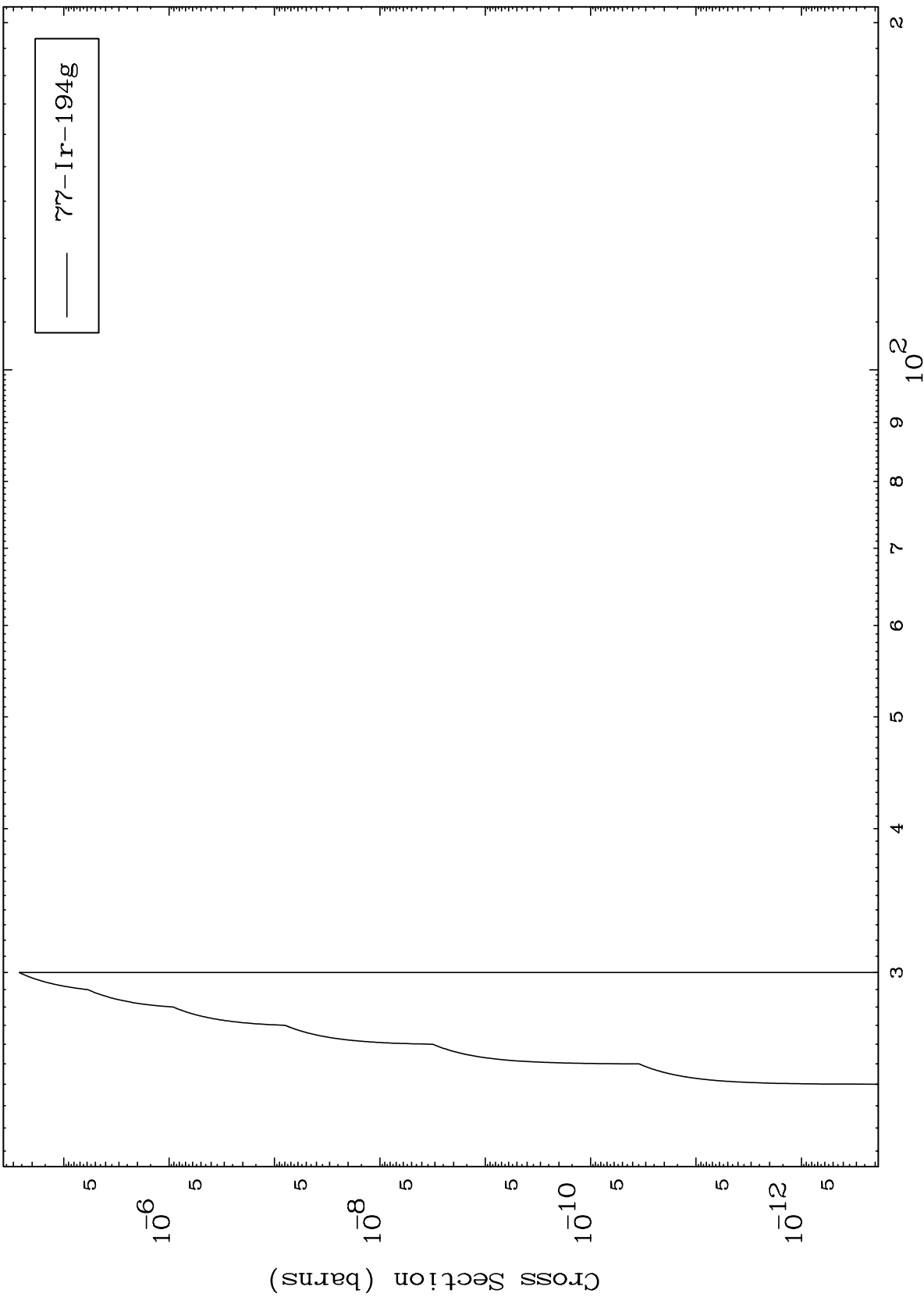
78-Pt-197m

MAT 7847

(n,3n) p

78-Pt-197m

Radionuclide Production Cross Section



28

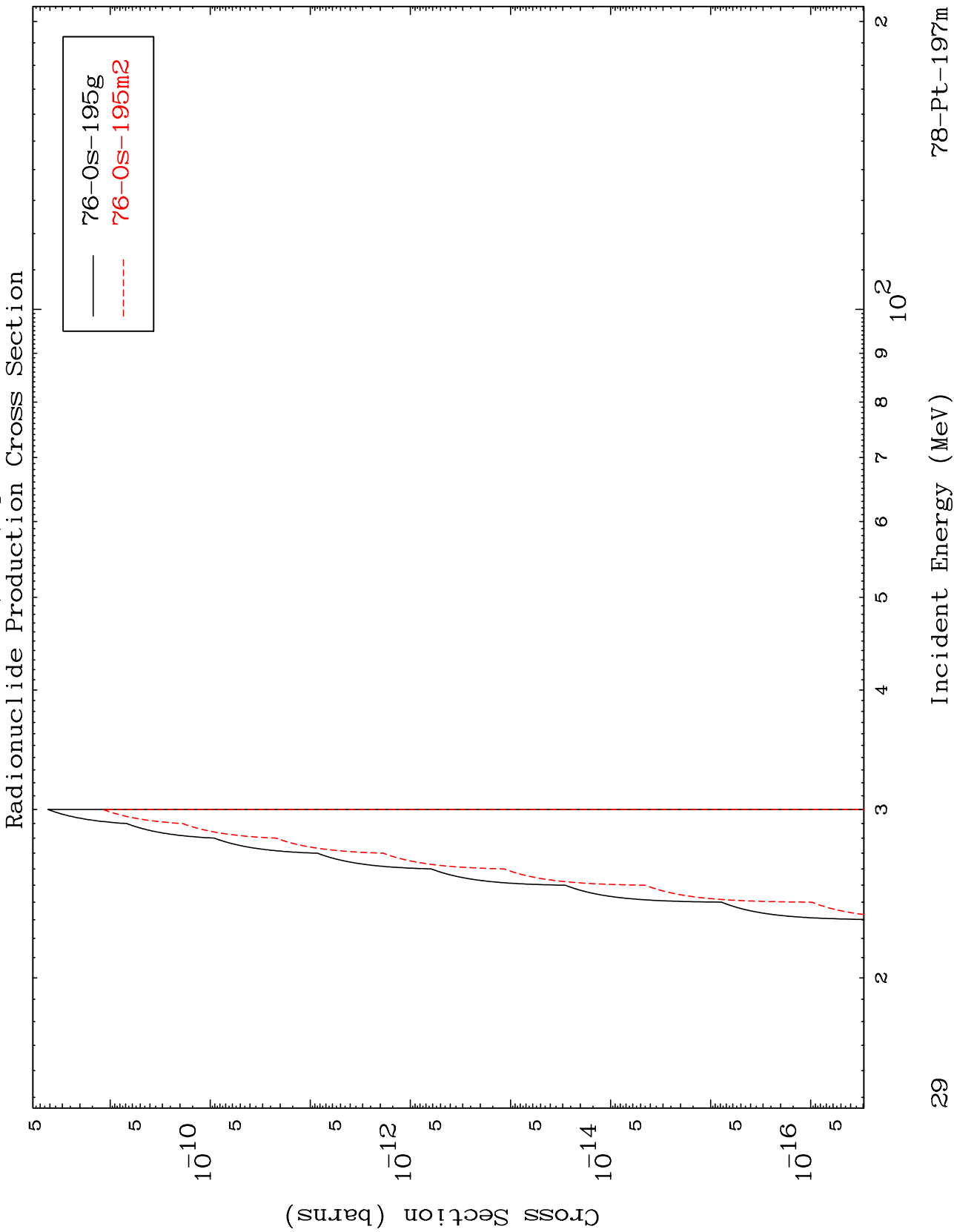
Incident Energy (MeV)

78-Pt-197m

MAT 7847

(n,2n) p

78-Pt-197m



29

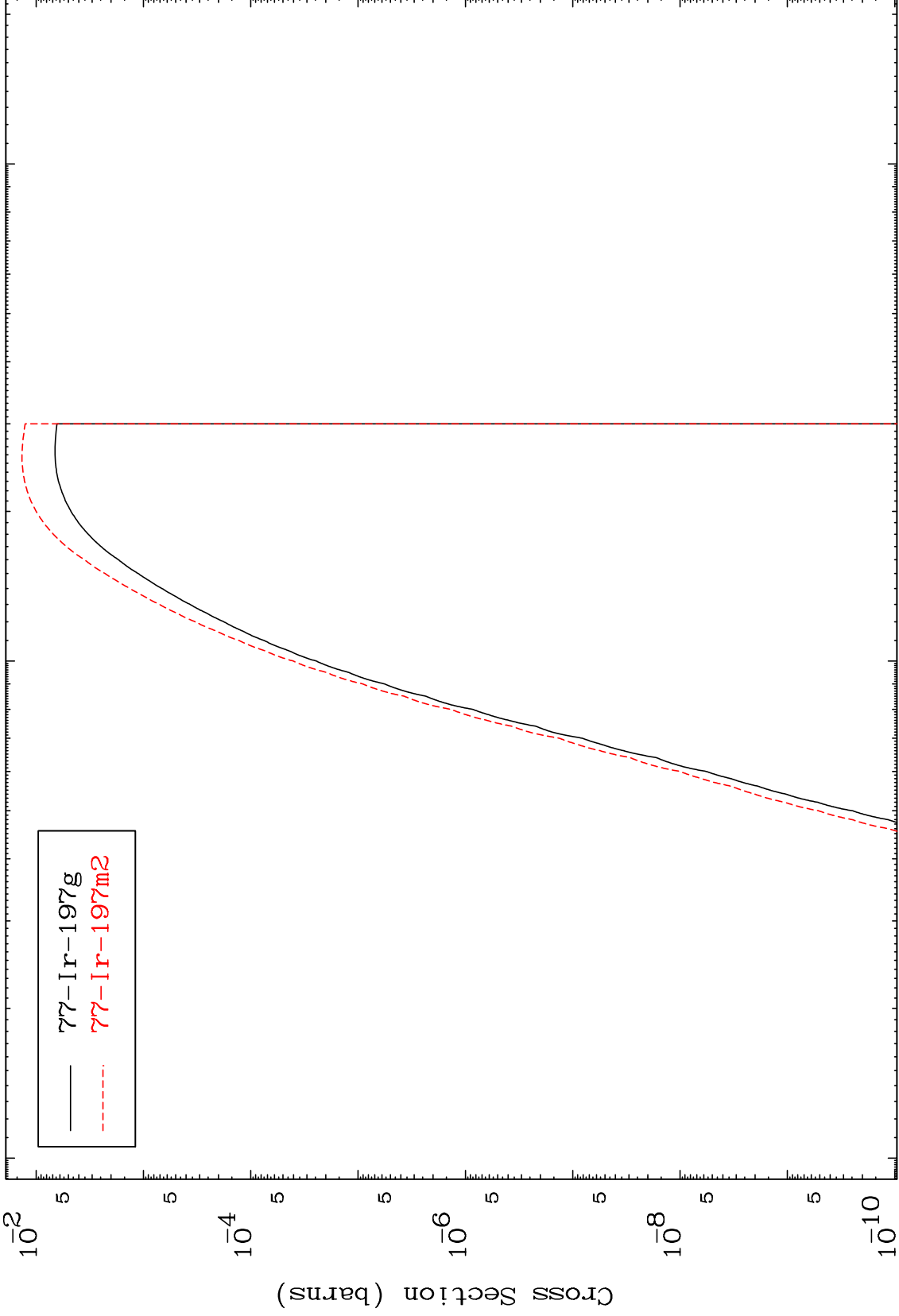
Incident Energy (MeV)

78-Pt-197m

MAT 7847

78-Pt-197m

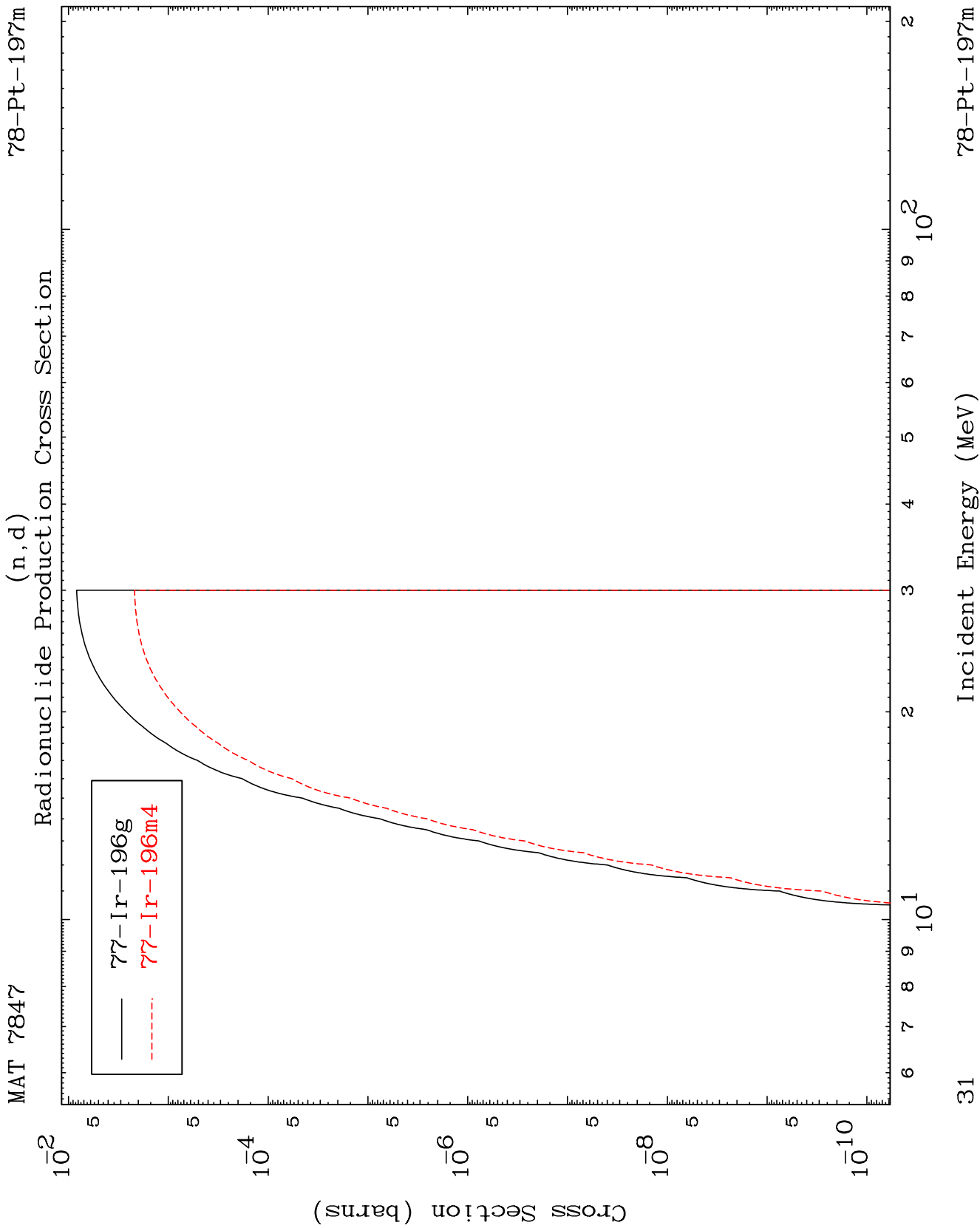
Radionuclide Production Cross Section (n,p)



— $^{77}\text{Ir-197g}$
- - - $^{77}\text{Ir-197m2}$

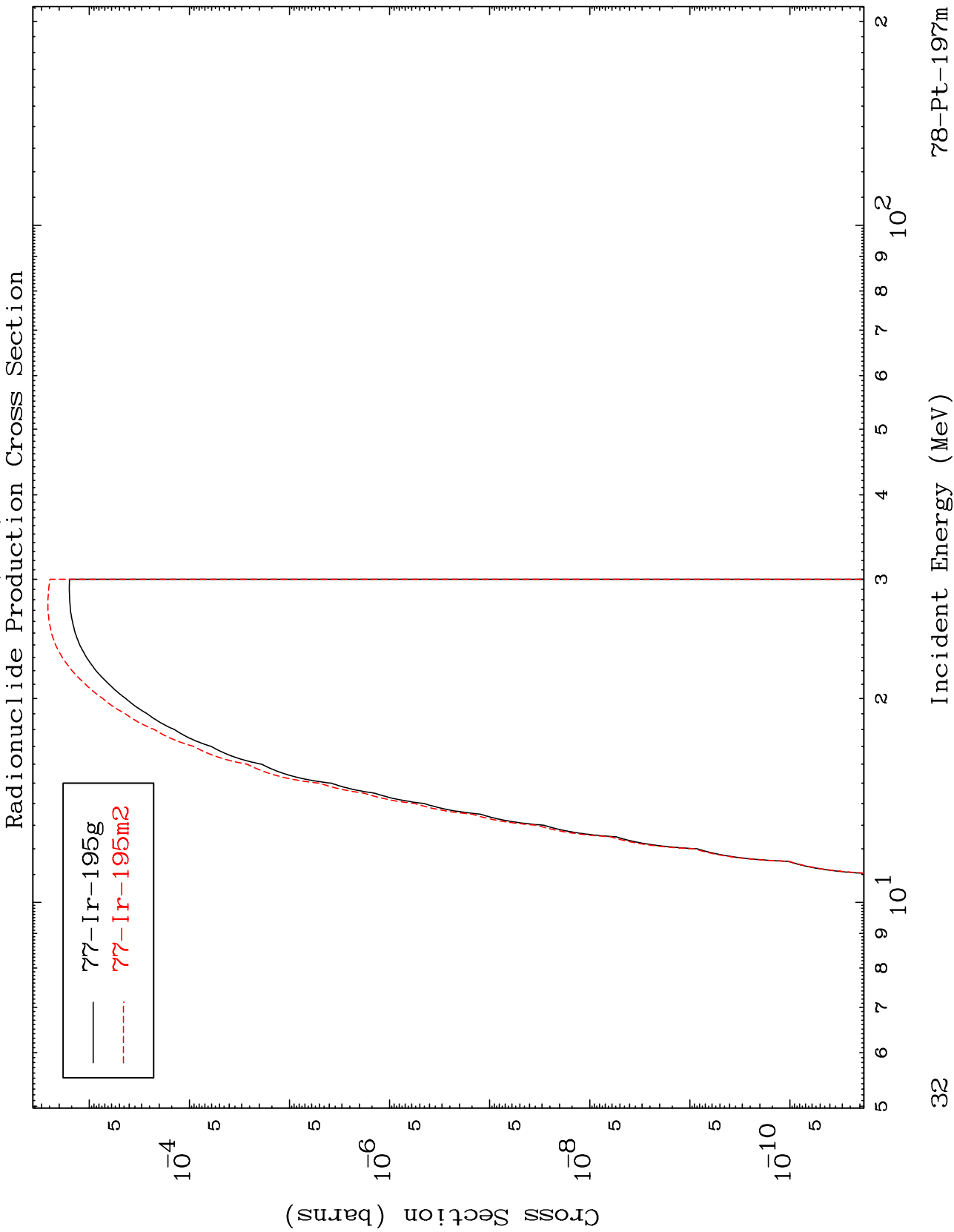
Incident Energy (MeV)

78-Pt-197m



MAT 7847

78-Pt-197m

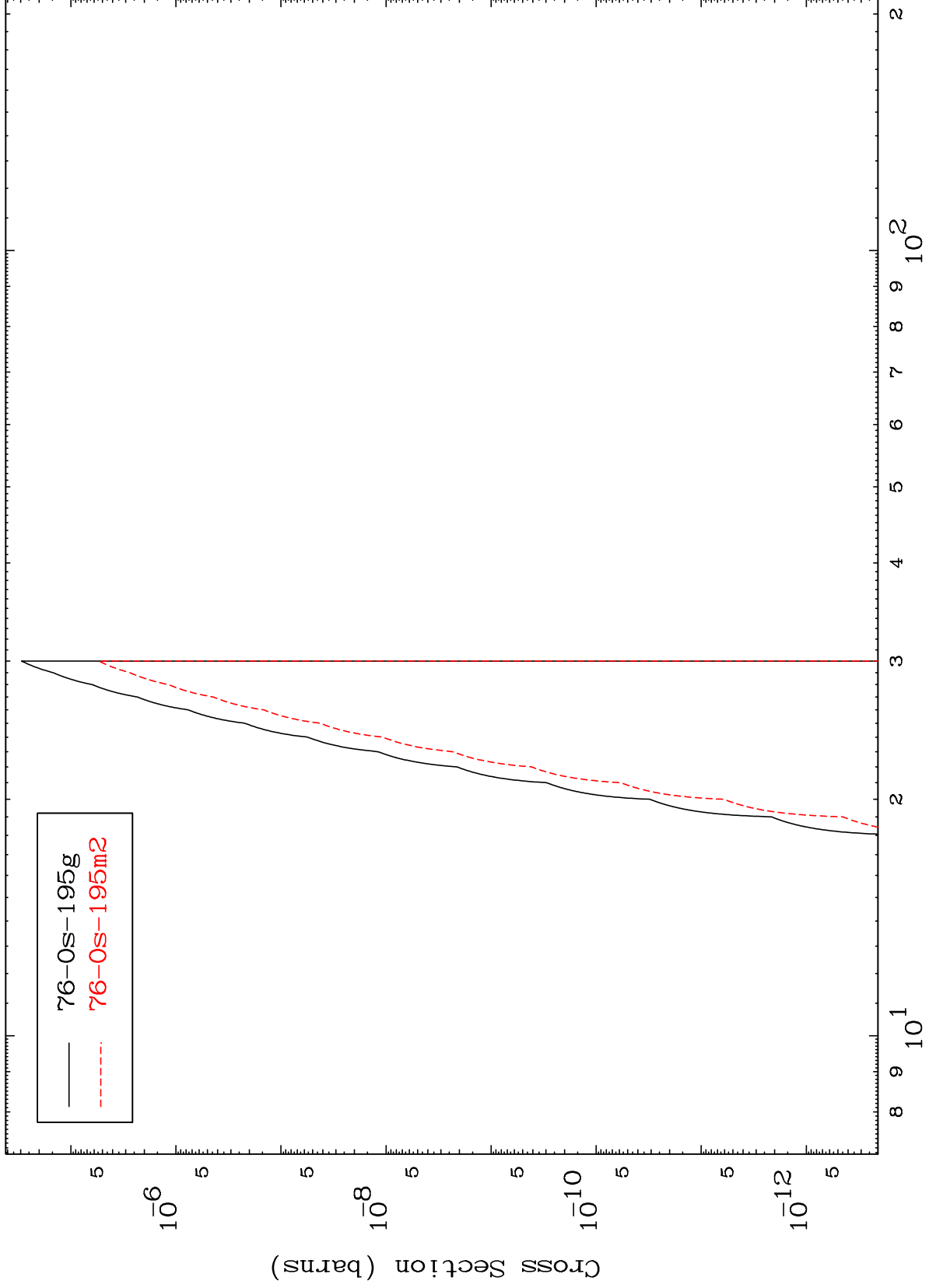


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(n,He-3)

78-Pt-197m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

78-Pt-197m