

Program EVALPLOT
(Version 2018-1)

by

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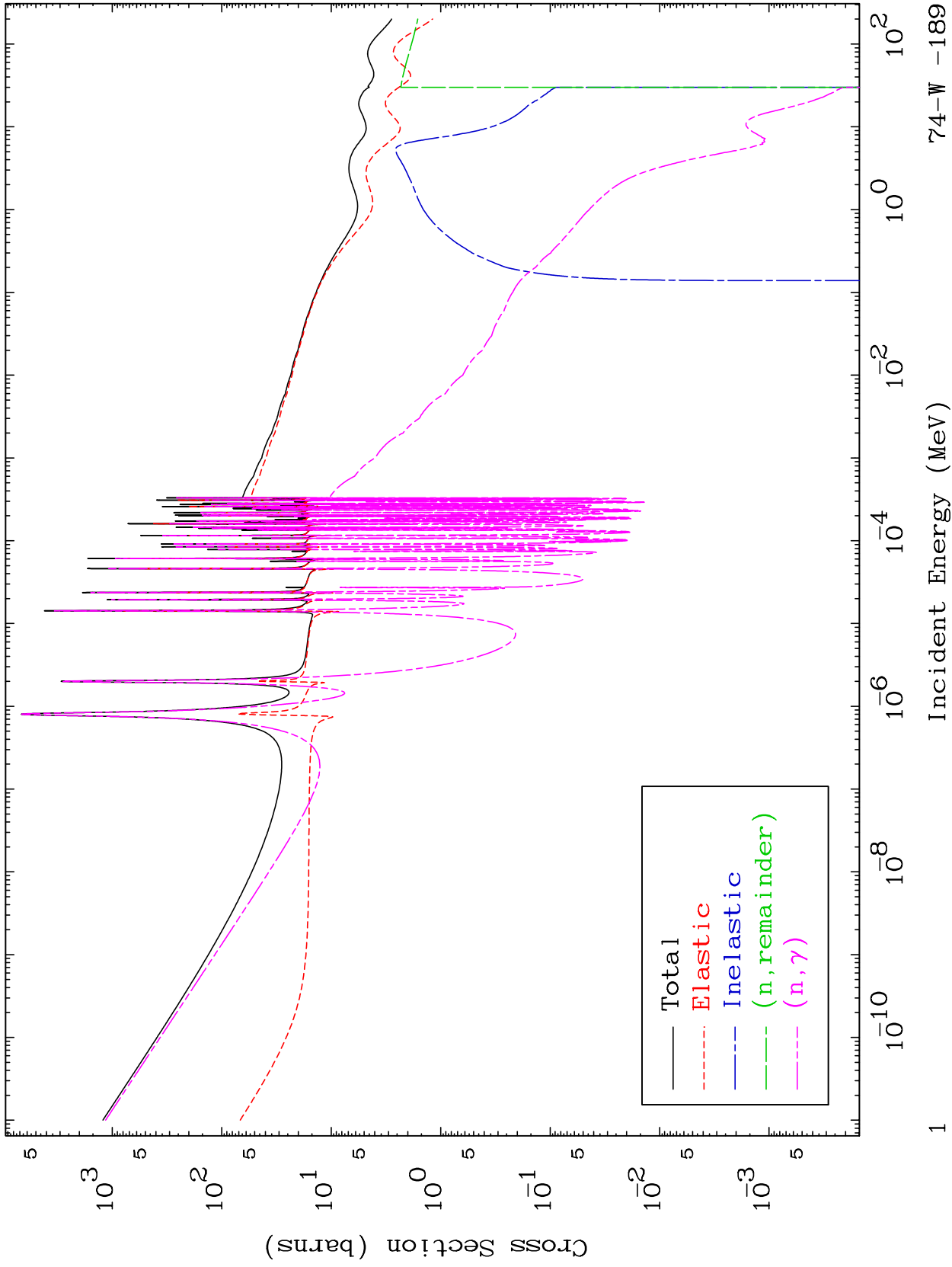
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7452

Major
293 Kelvin Cross Sections

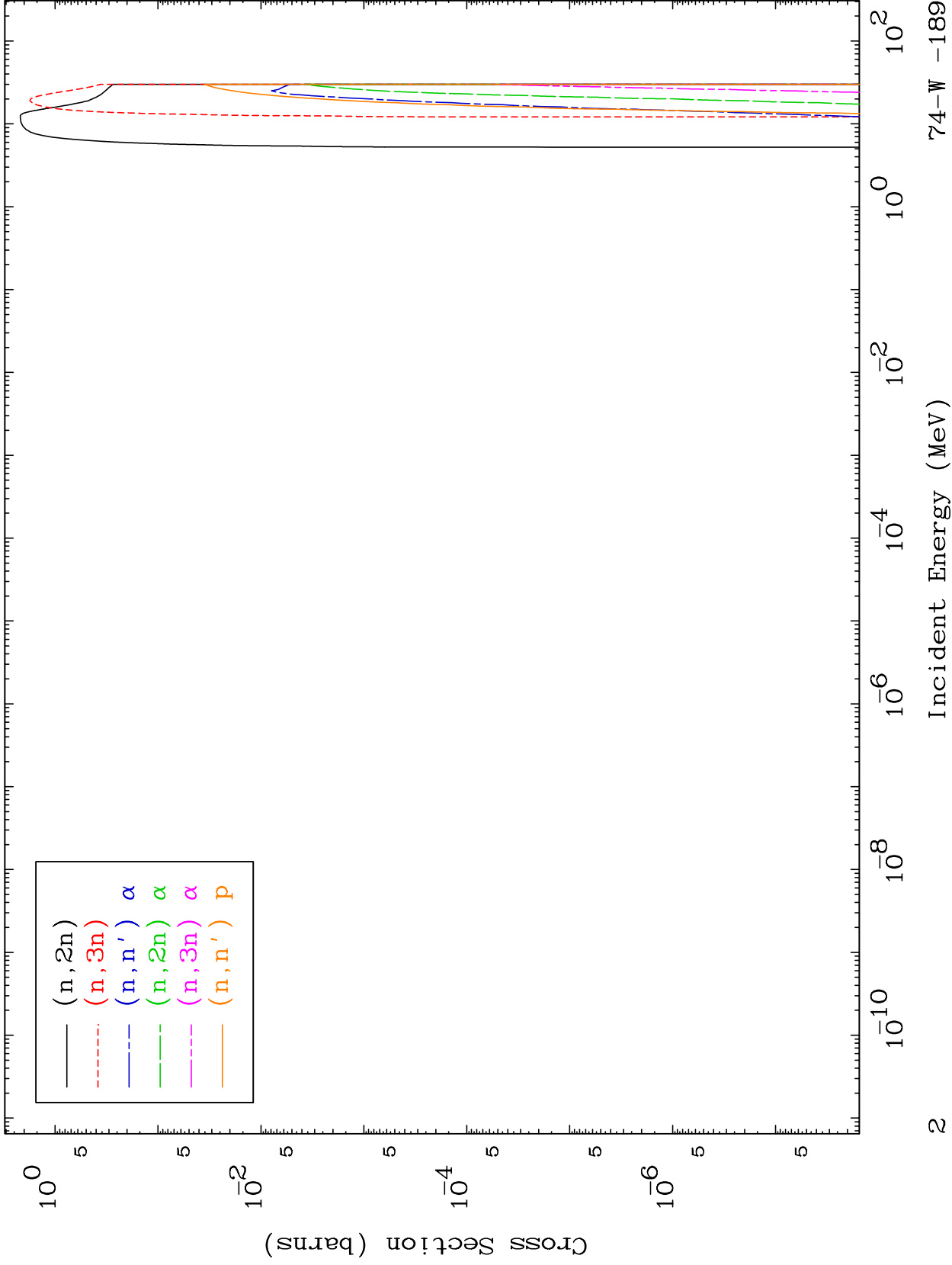
74-W -189

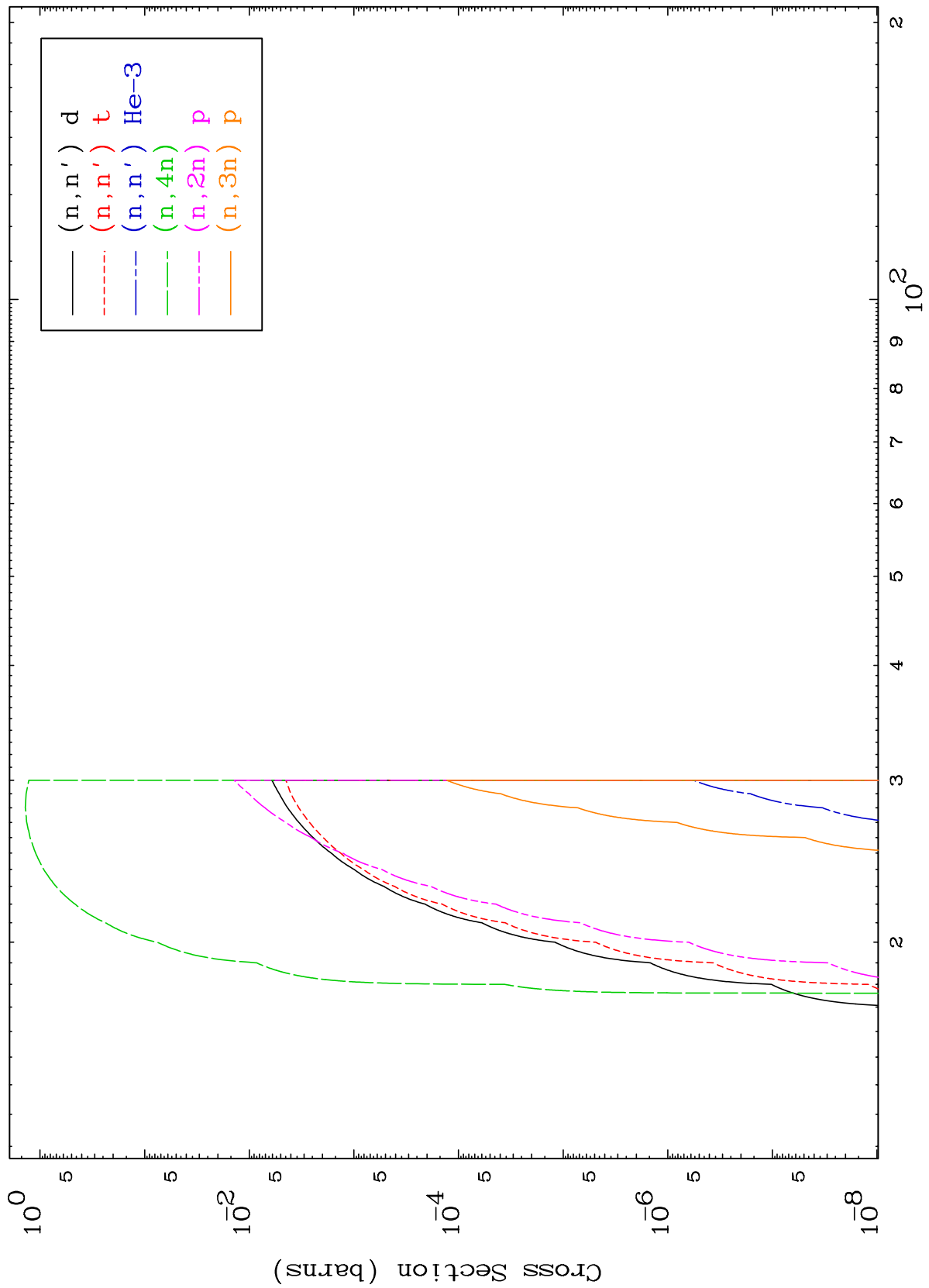


MAT 7452

Neutron Production
293 Kelvin Cross Sections

74-W -189

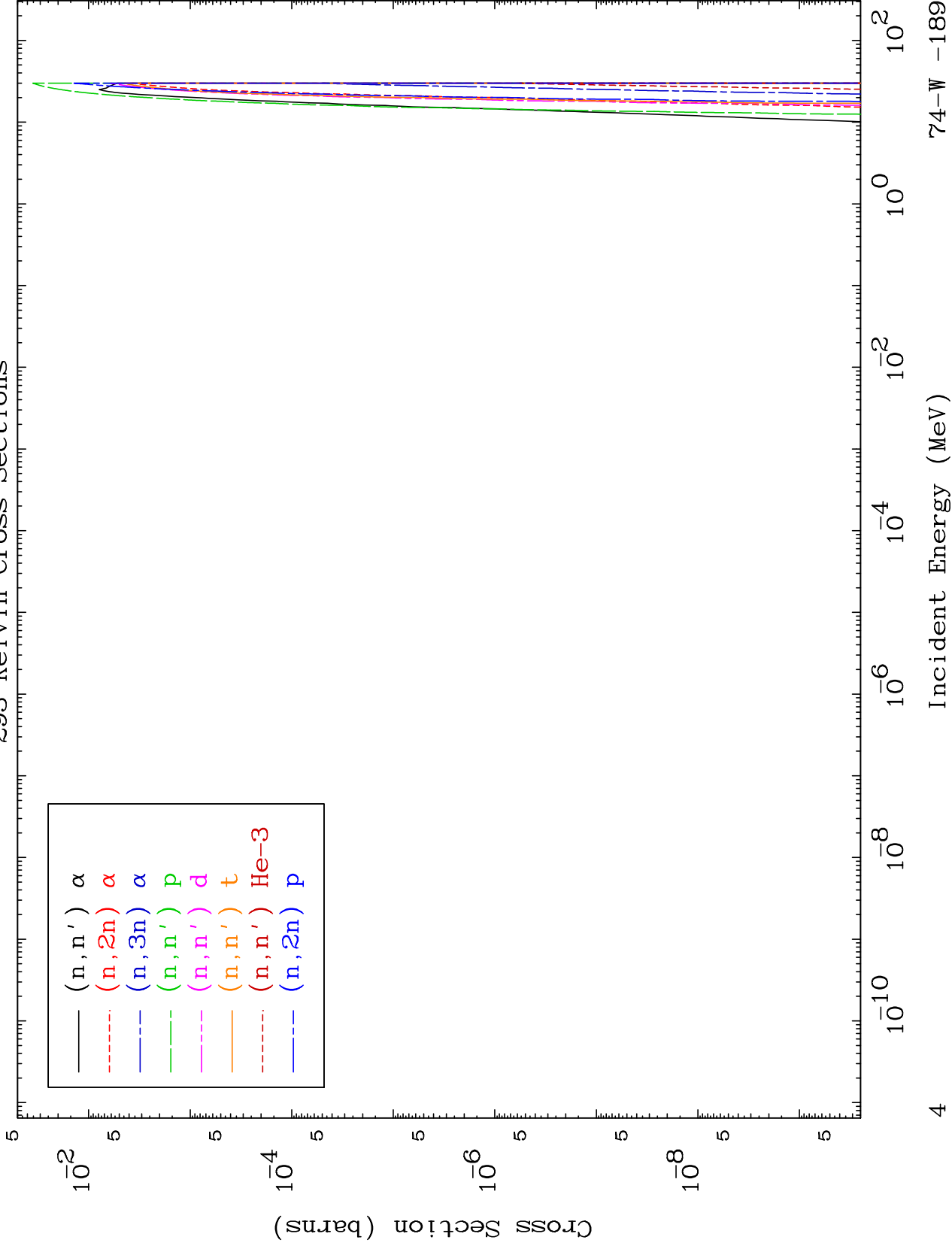


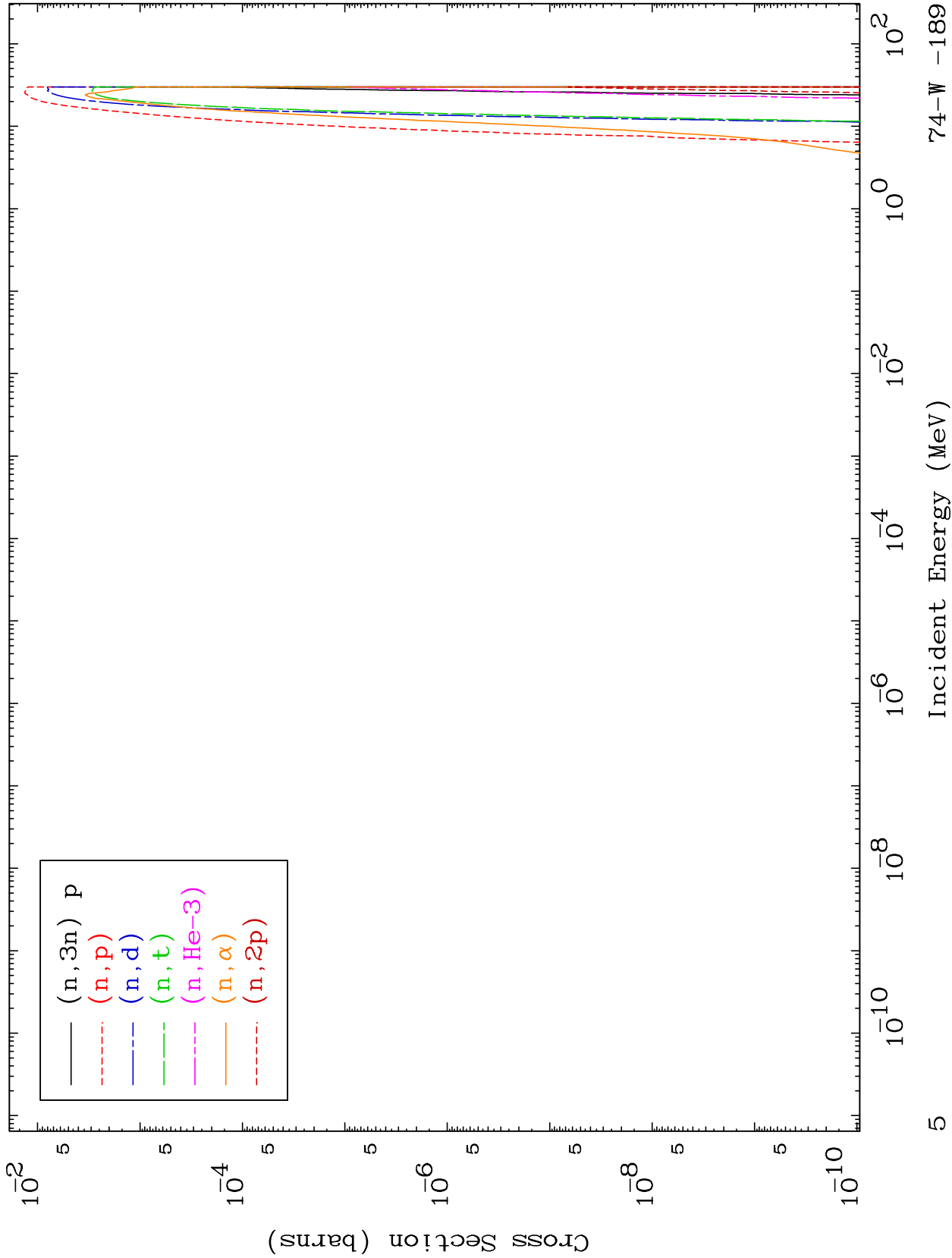


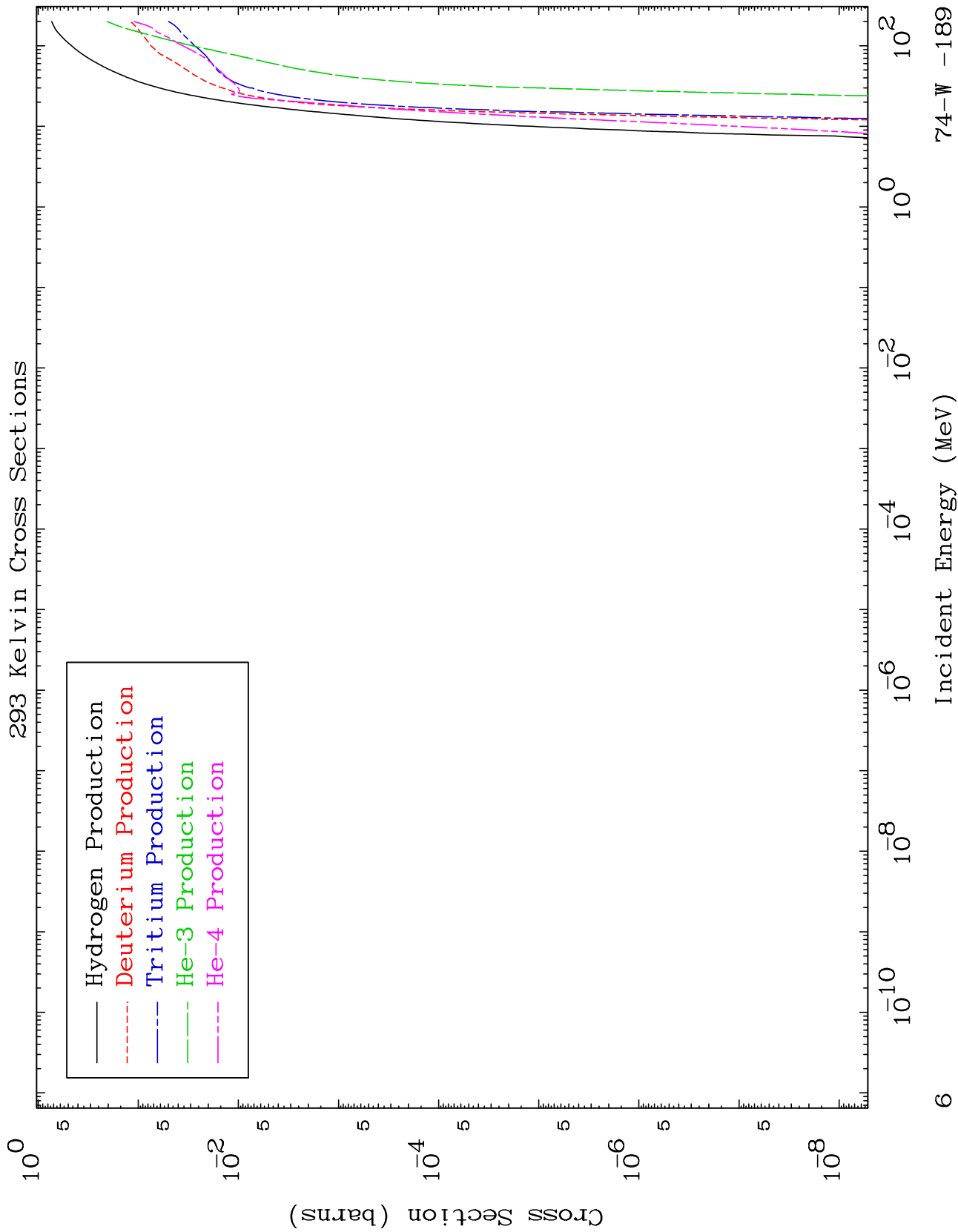
MAT 7452

Charged Particle
293 Kelvin Cross Sections

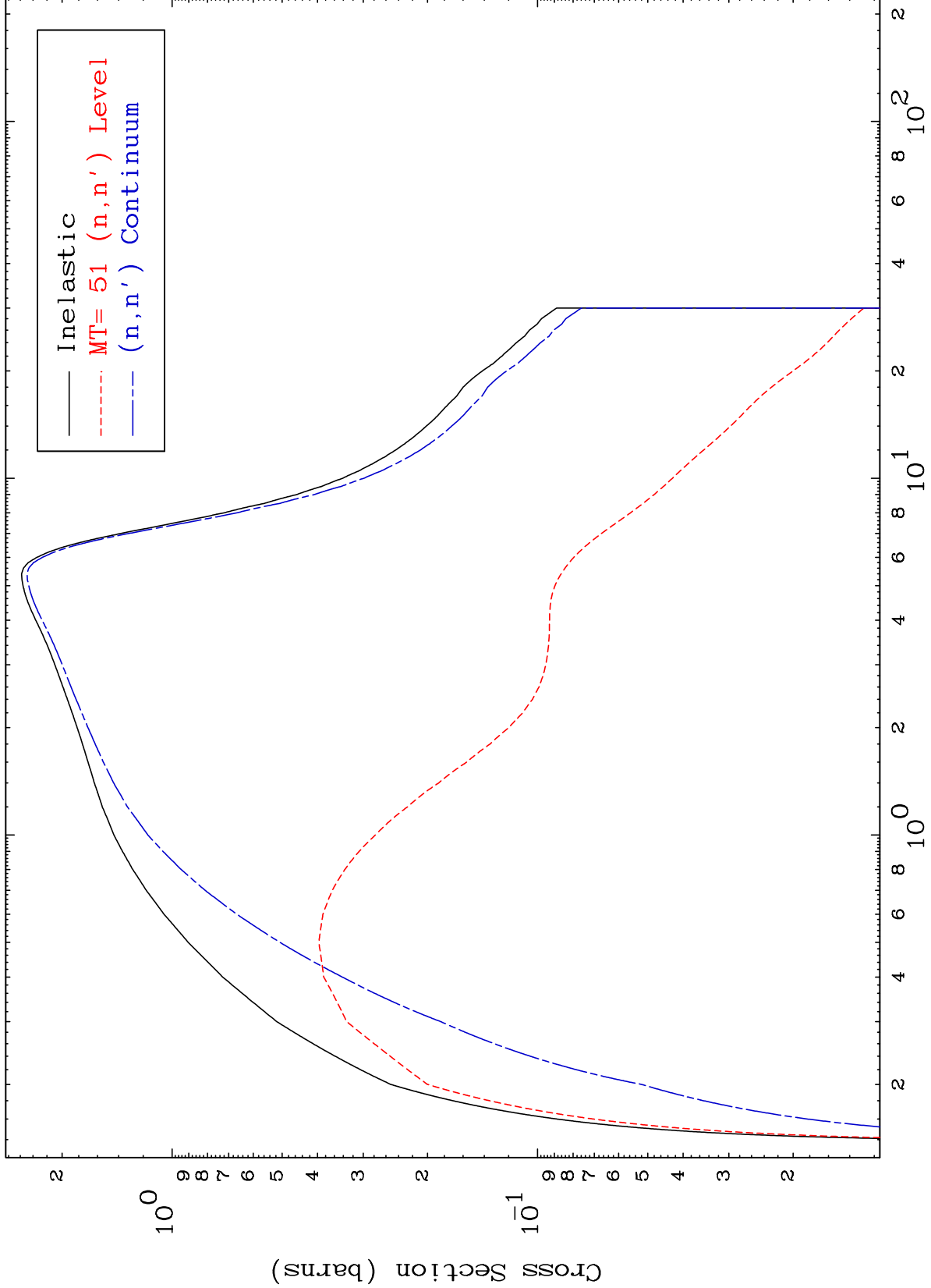
74-W -189







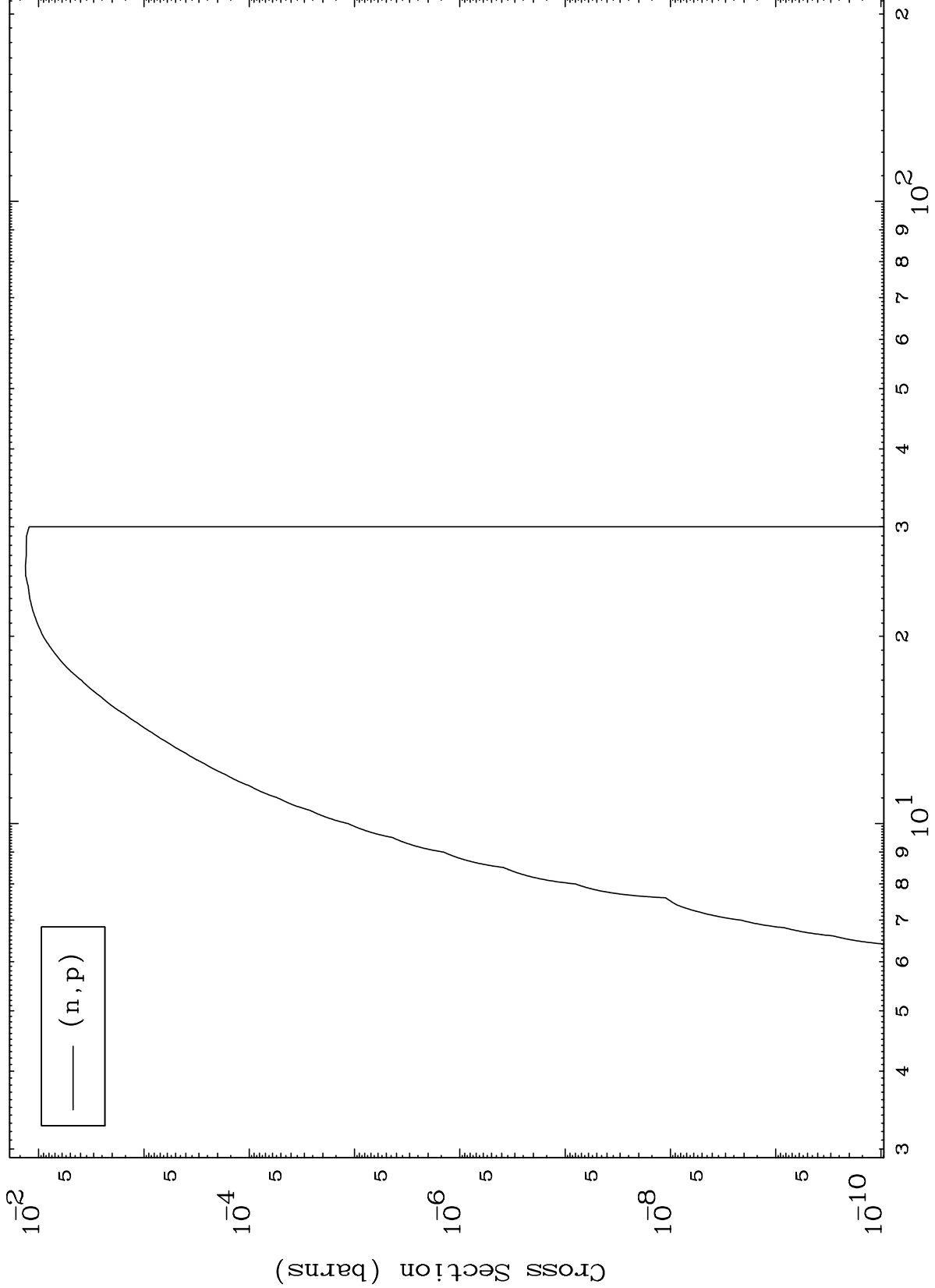
293 Kelvin Cross Sections



MAT 7452

(n,p) Levels
293 Kelvin Cross Sections

74-W -189



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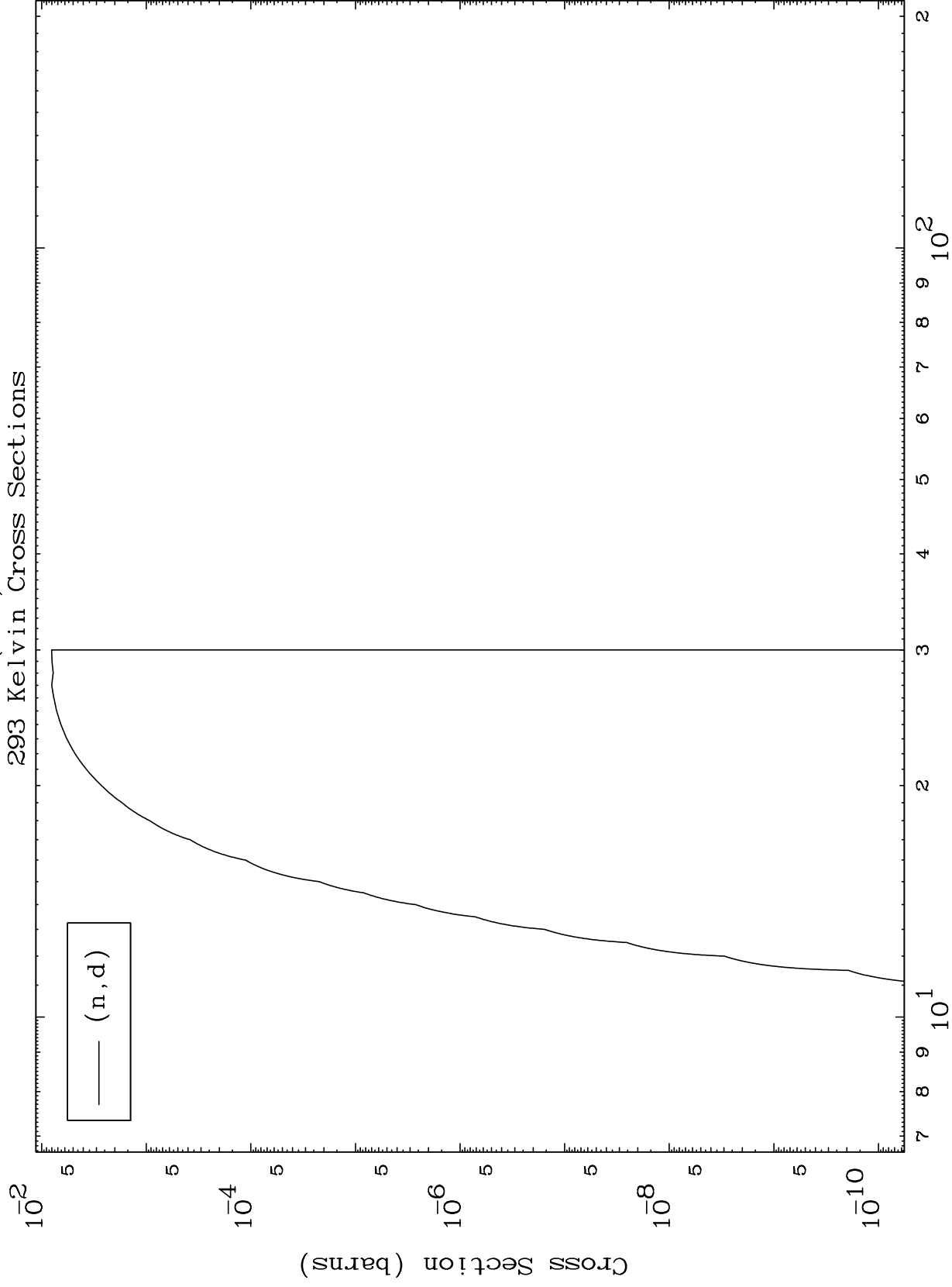
Incident Energy (MeV)

74-W -189

MAT 7452

(n,d) Levels
293 Kelvin Cross Sections

74-W -189



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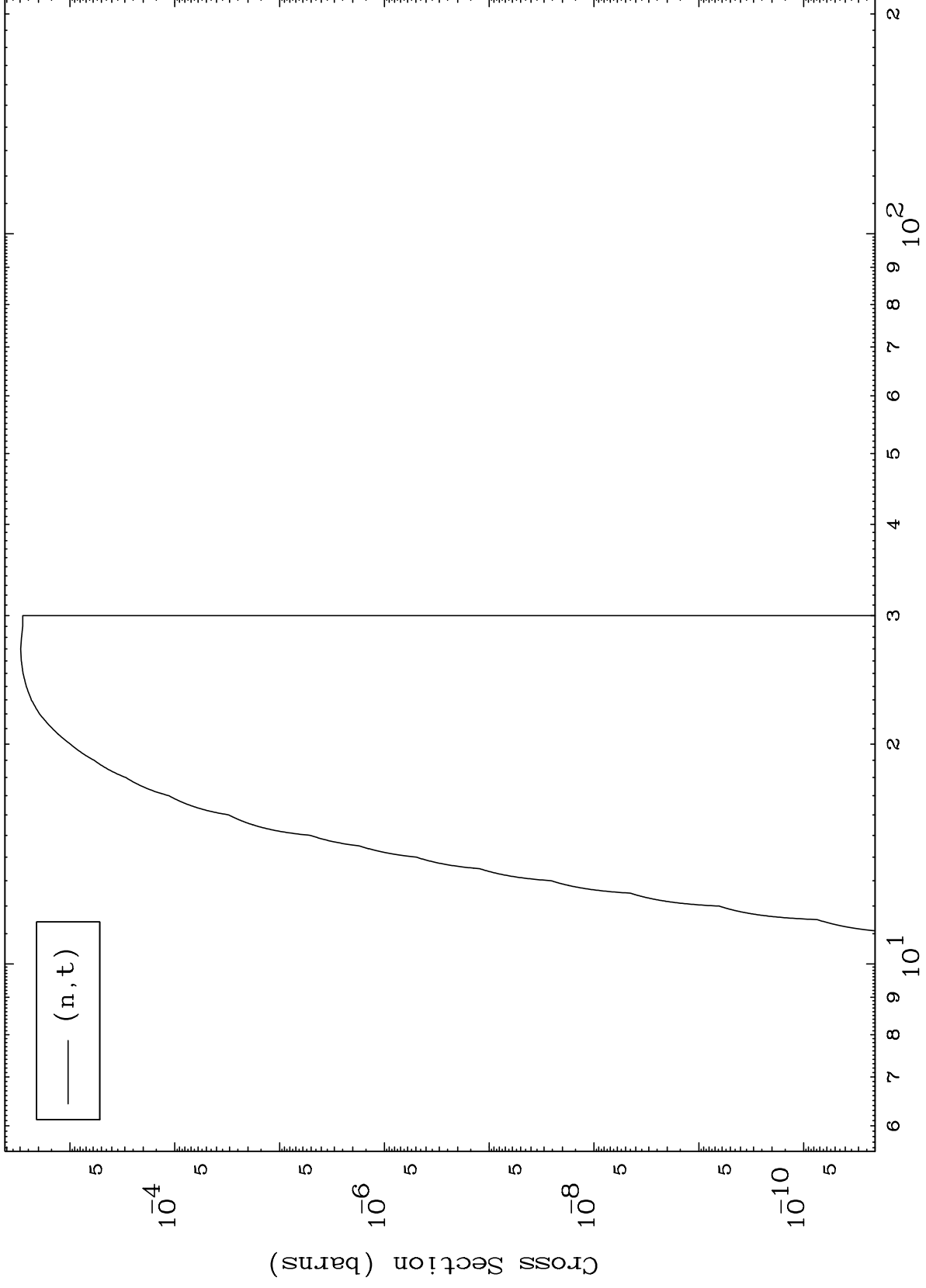
Incident Energy (MeV)

74-W -189

MAT 7452

(n, t) Levels
293 Kelvin Cross Sections

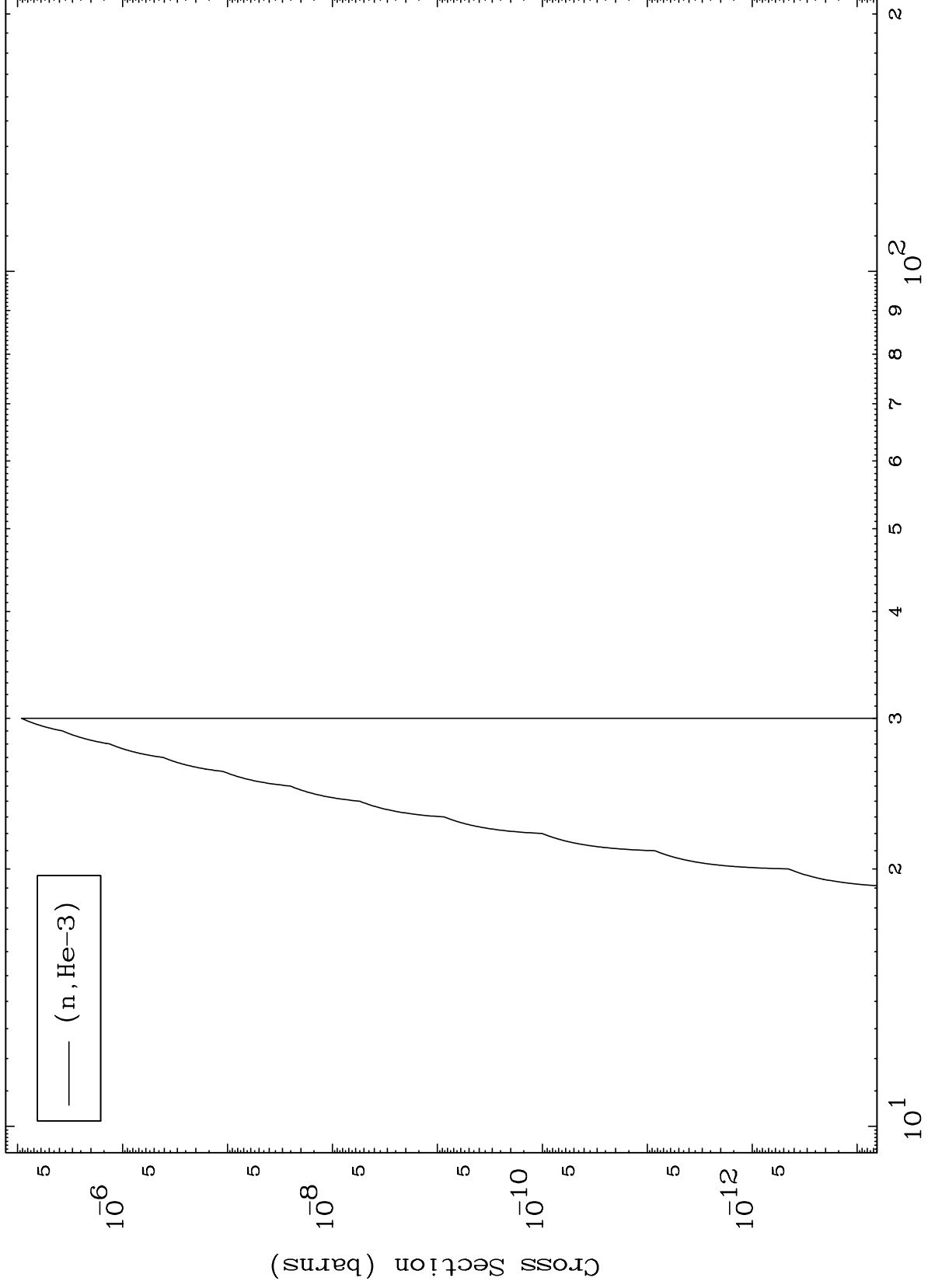
74-W -189



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Incident Energy (MeV)

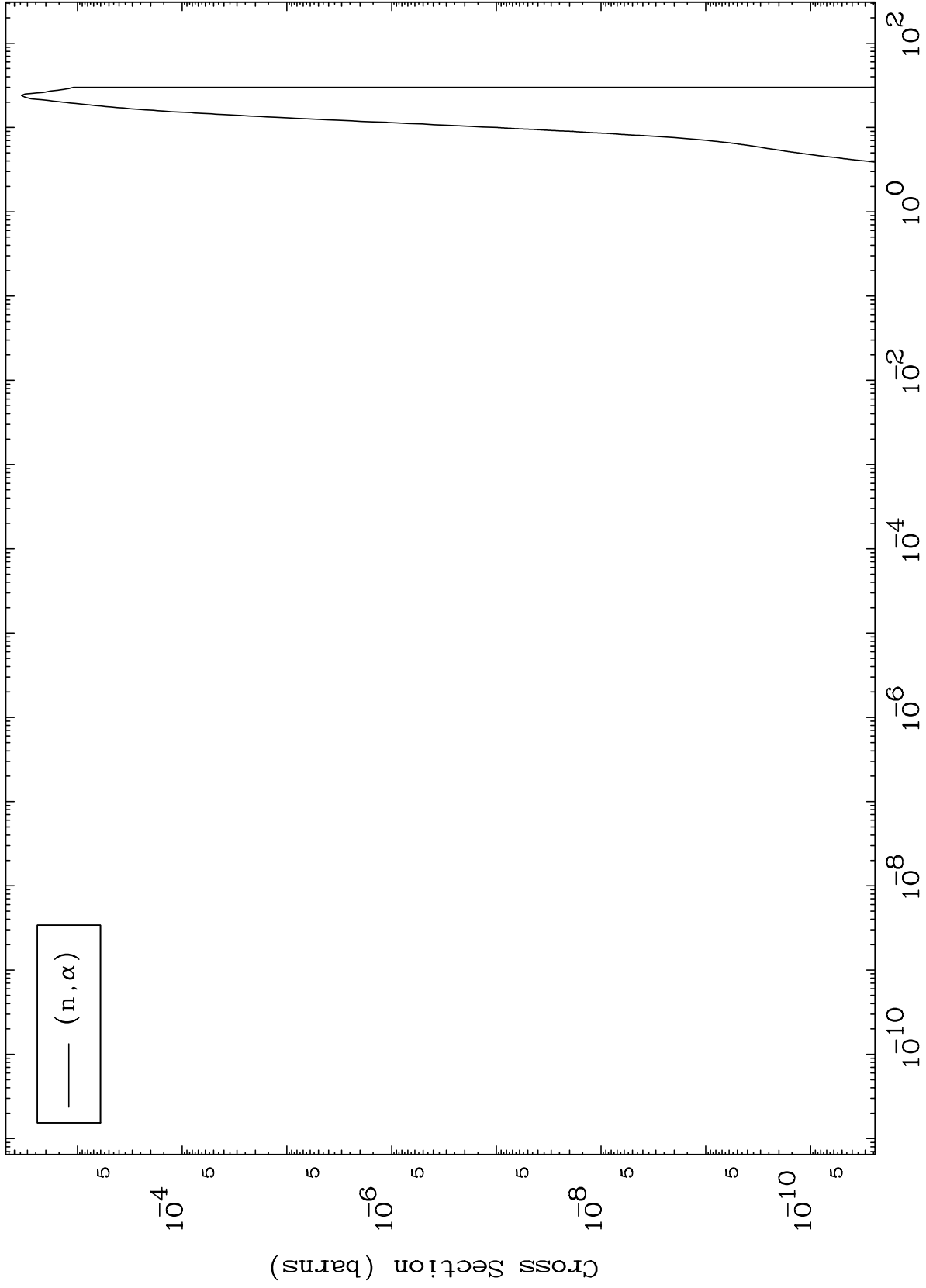
74-W -189



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(n, α) Levels
293 Kelvin Cross Sections

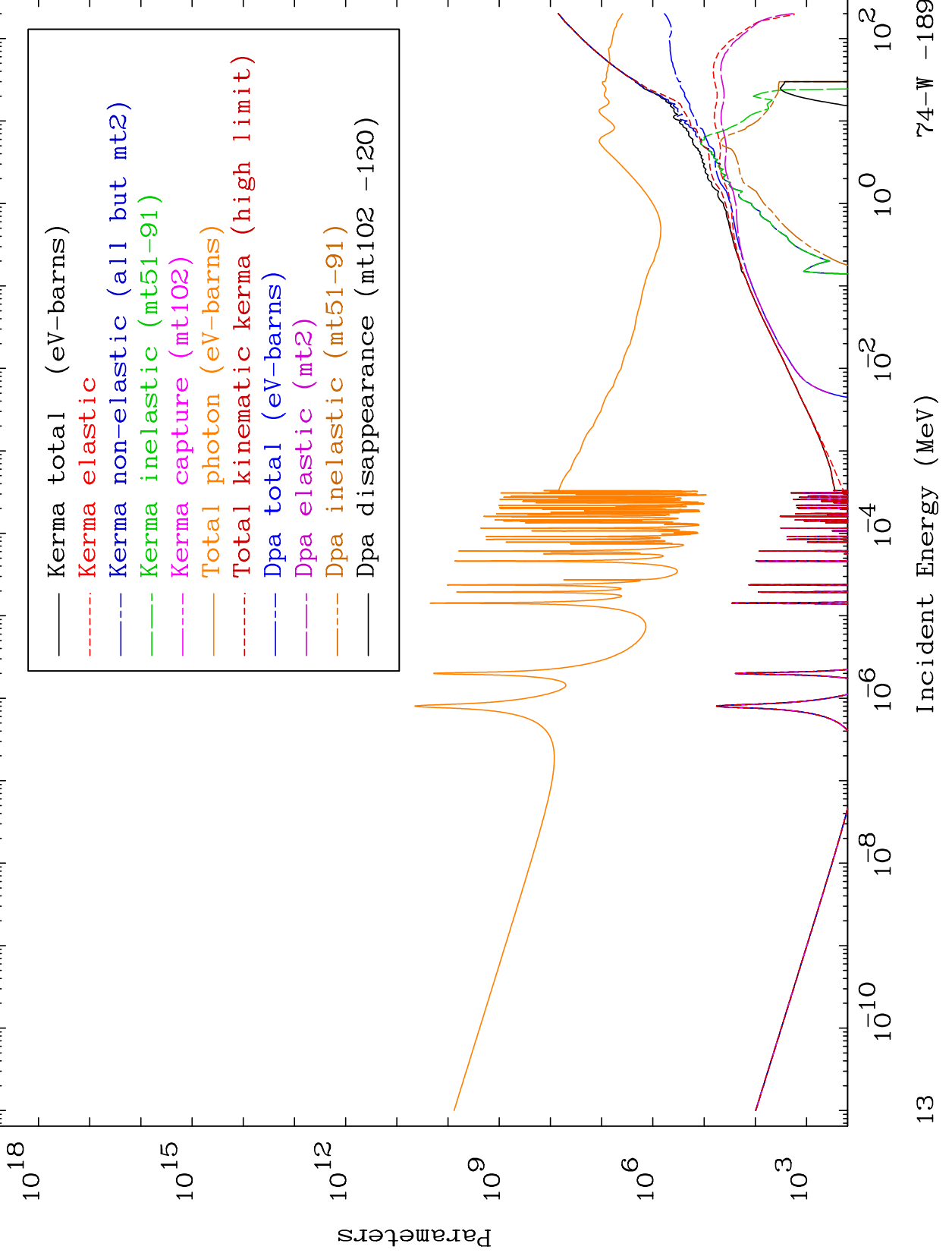
74-W -189



12

Incident Energy (MeV)

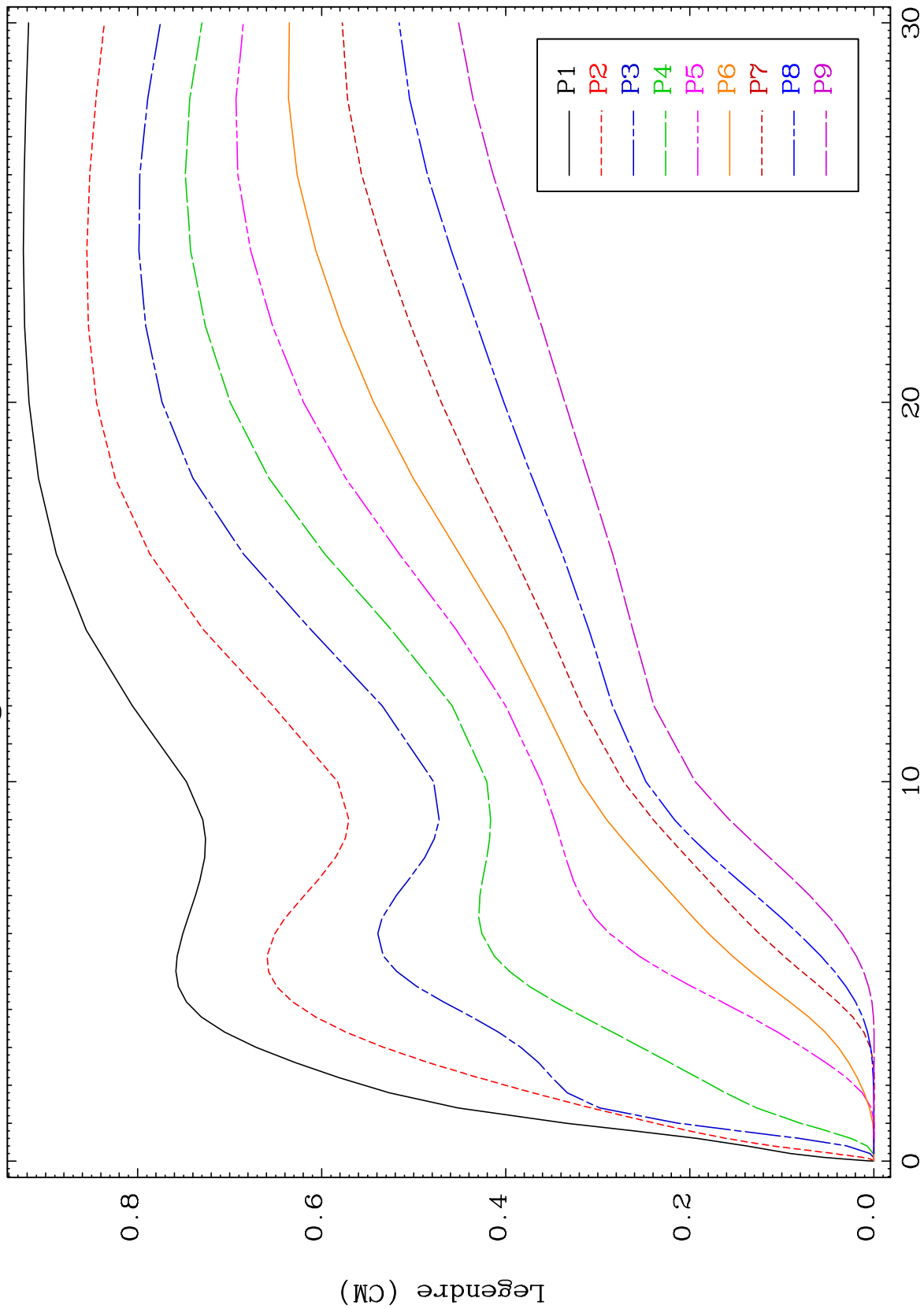
74-W -189



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Elastic Legendre Coefficients

74-W -189



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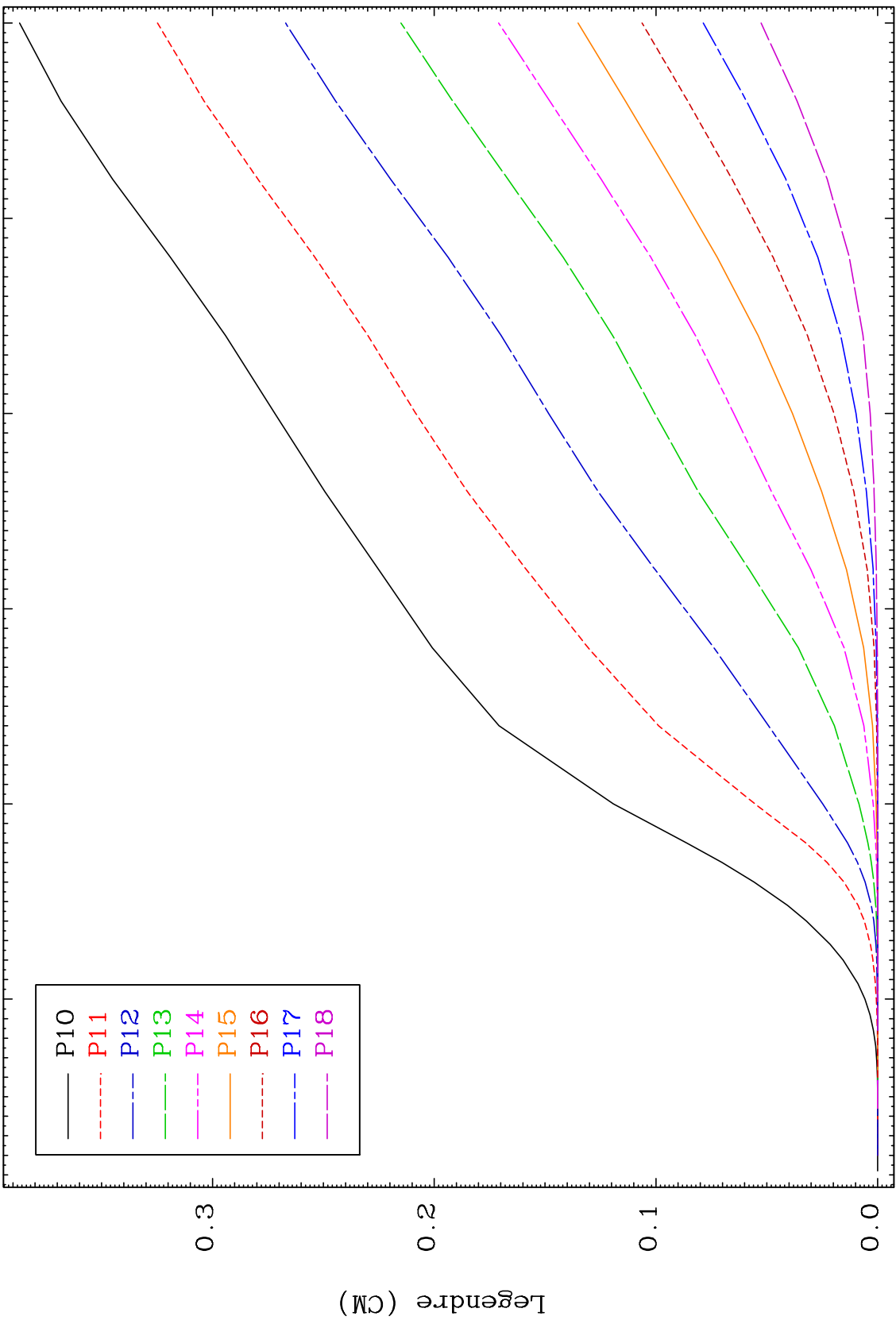
Incident Energy (MeV)

74-W -189

MAT 7452

Elastic Legendre Coefficients

74-W -189



15

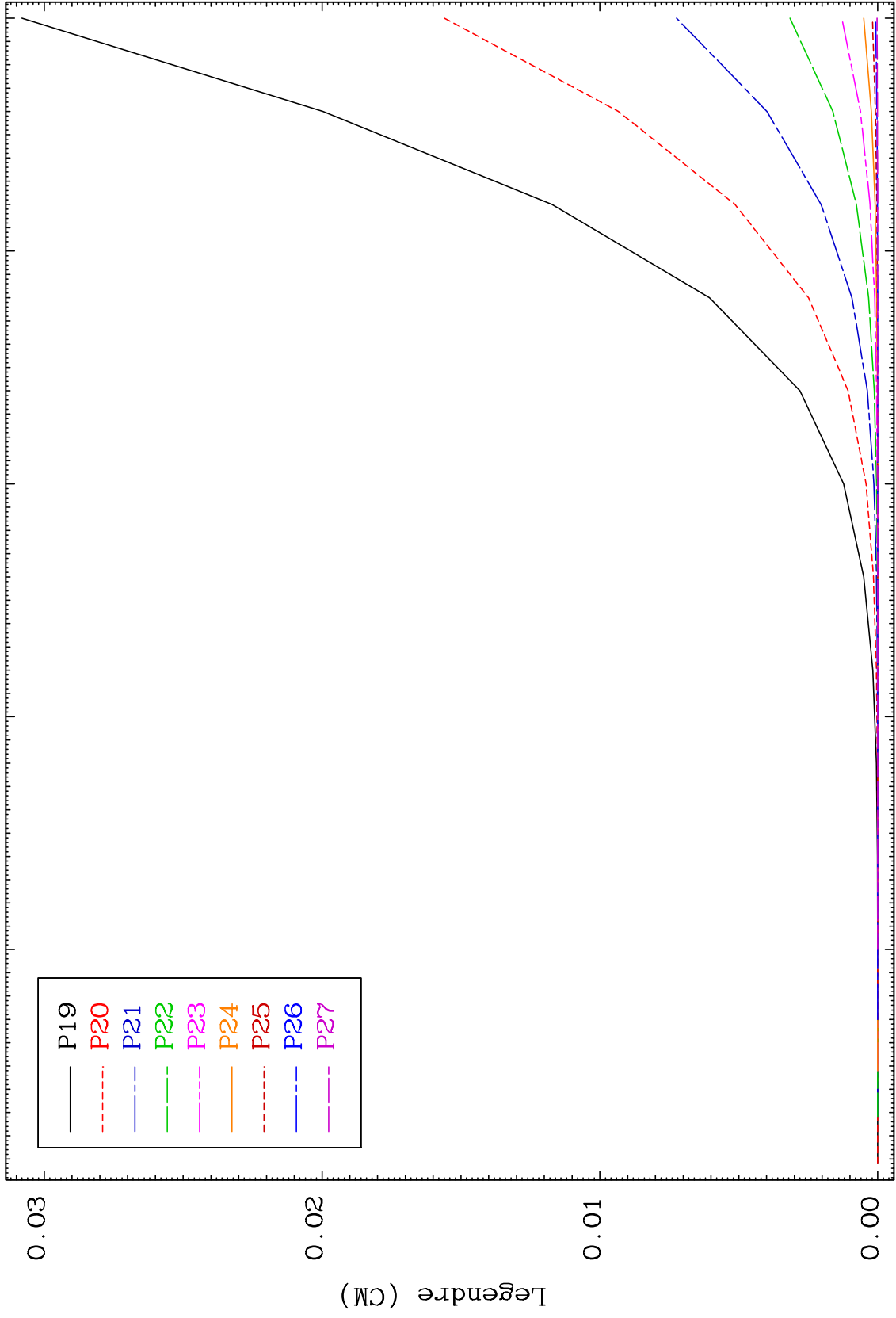
Incident Energy (MeV)

74-W -189

MAT 7452

Elastic Legendre Coefficients

74-W -189



16

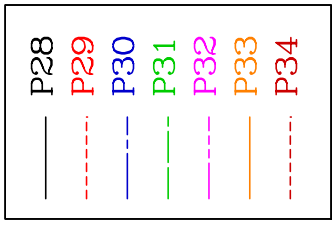
Incident Energy (MeV)

74-W -189

MAT 7452

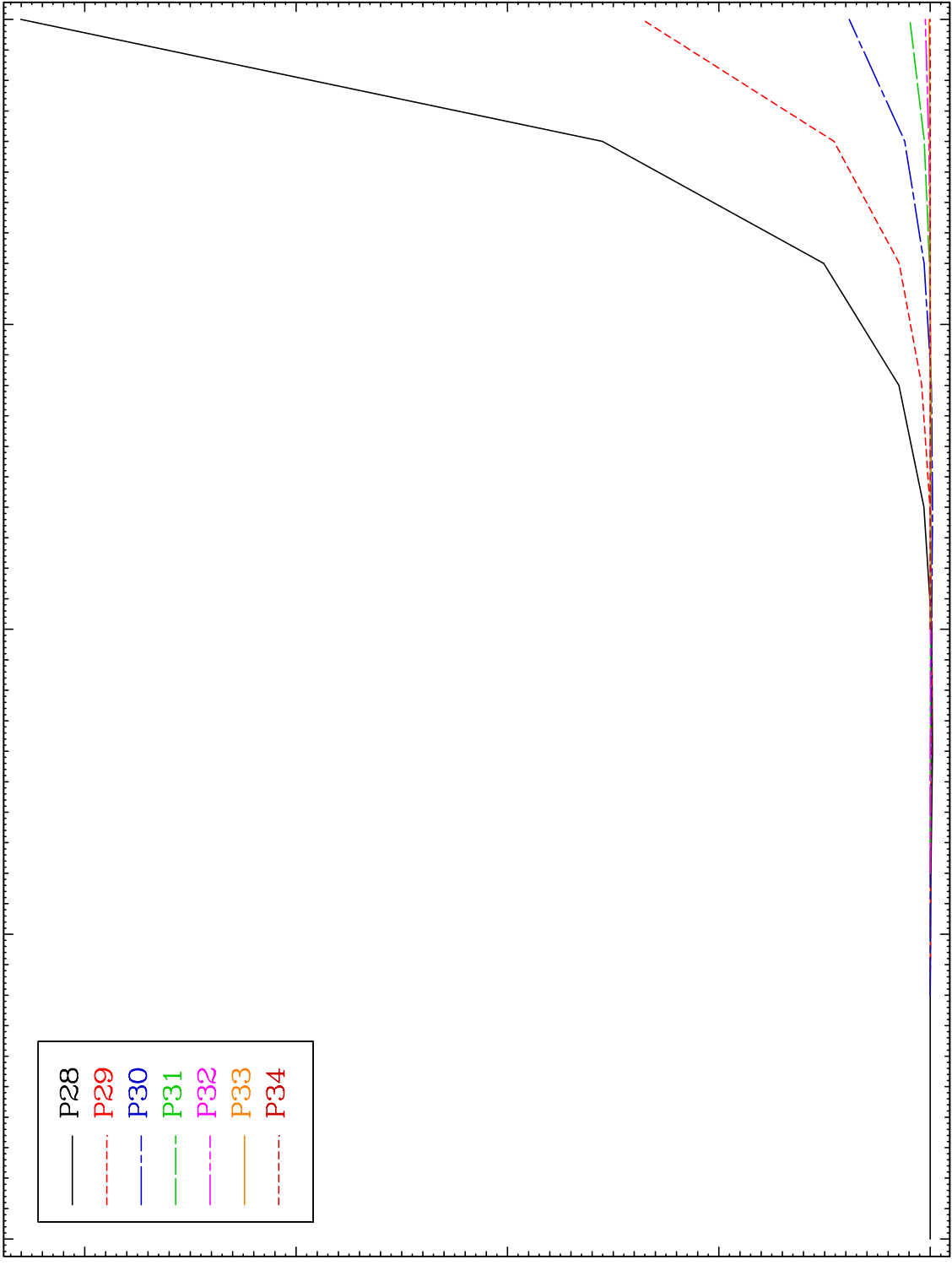
Elastic Legendre Coefficients

74-W -189



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

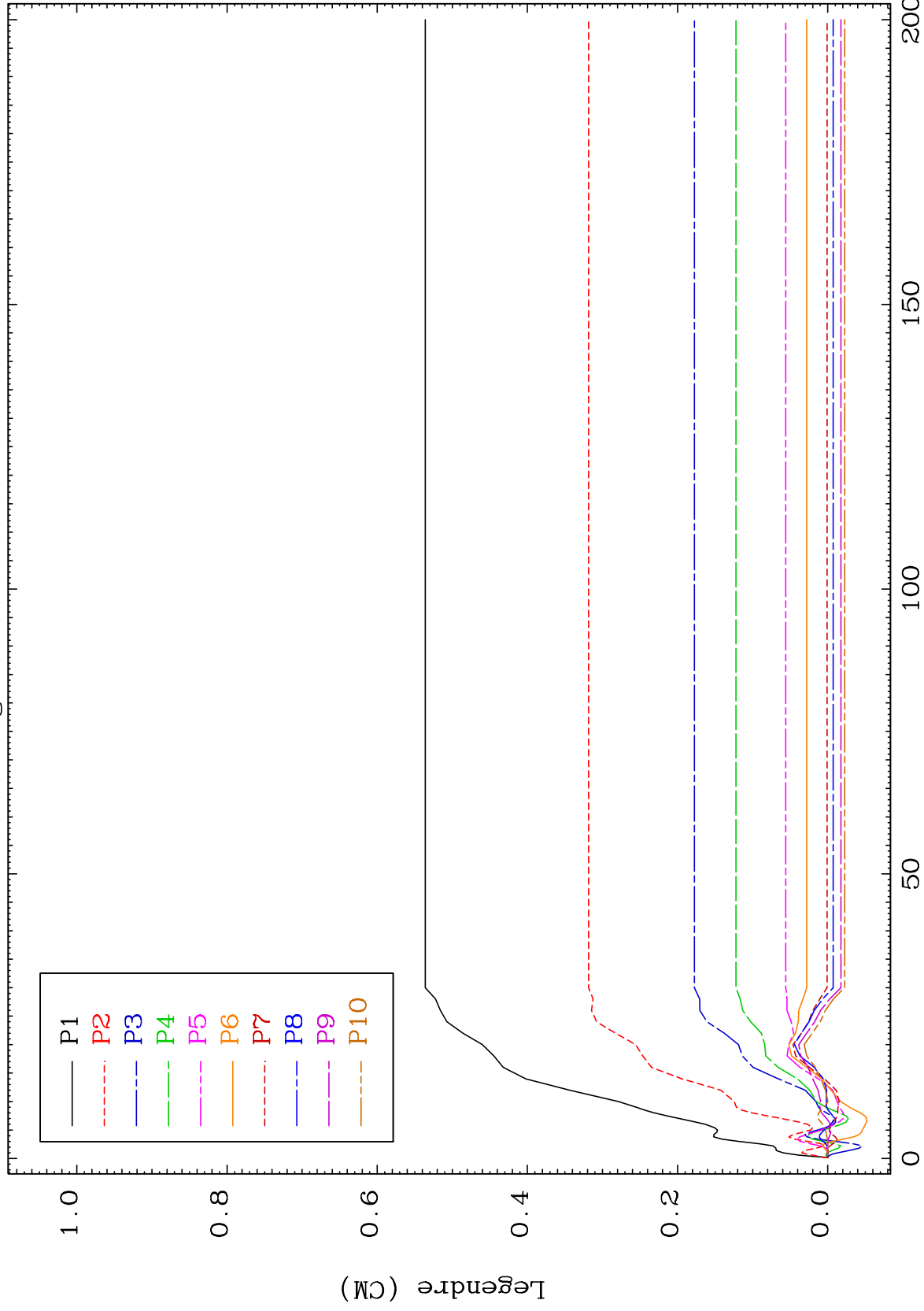
74-W -189

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MT= 51 (n,n') Level
Legendre Coefficients

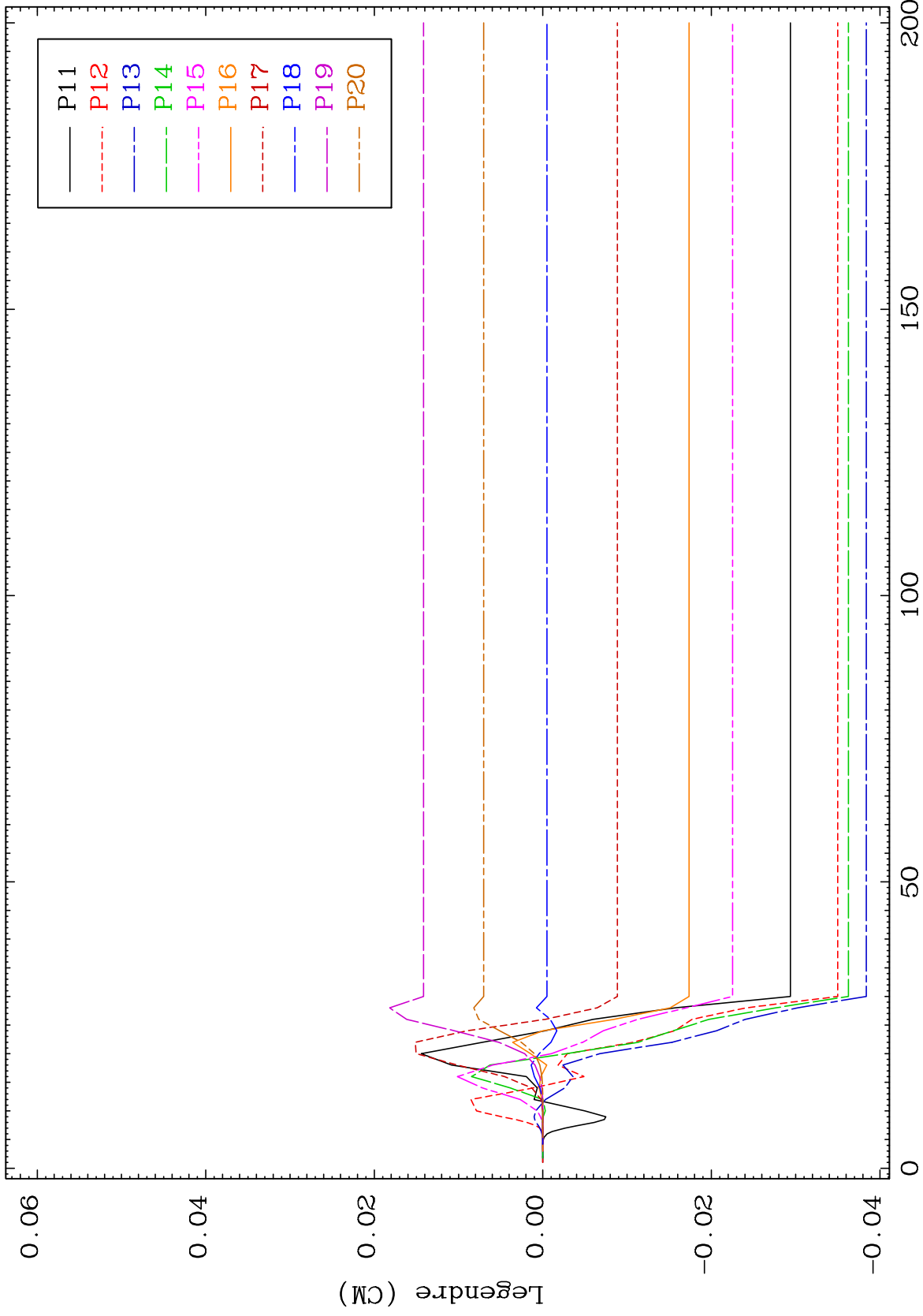
74-W -189



18

Incident Energy (MeV)

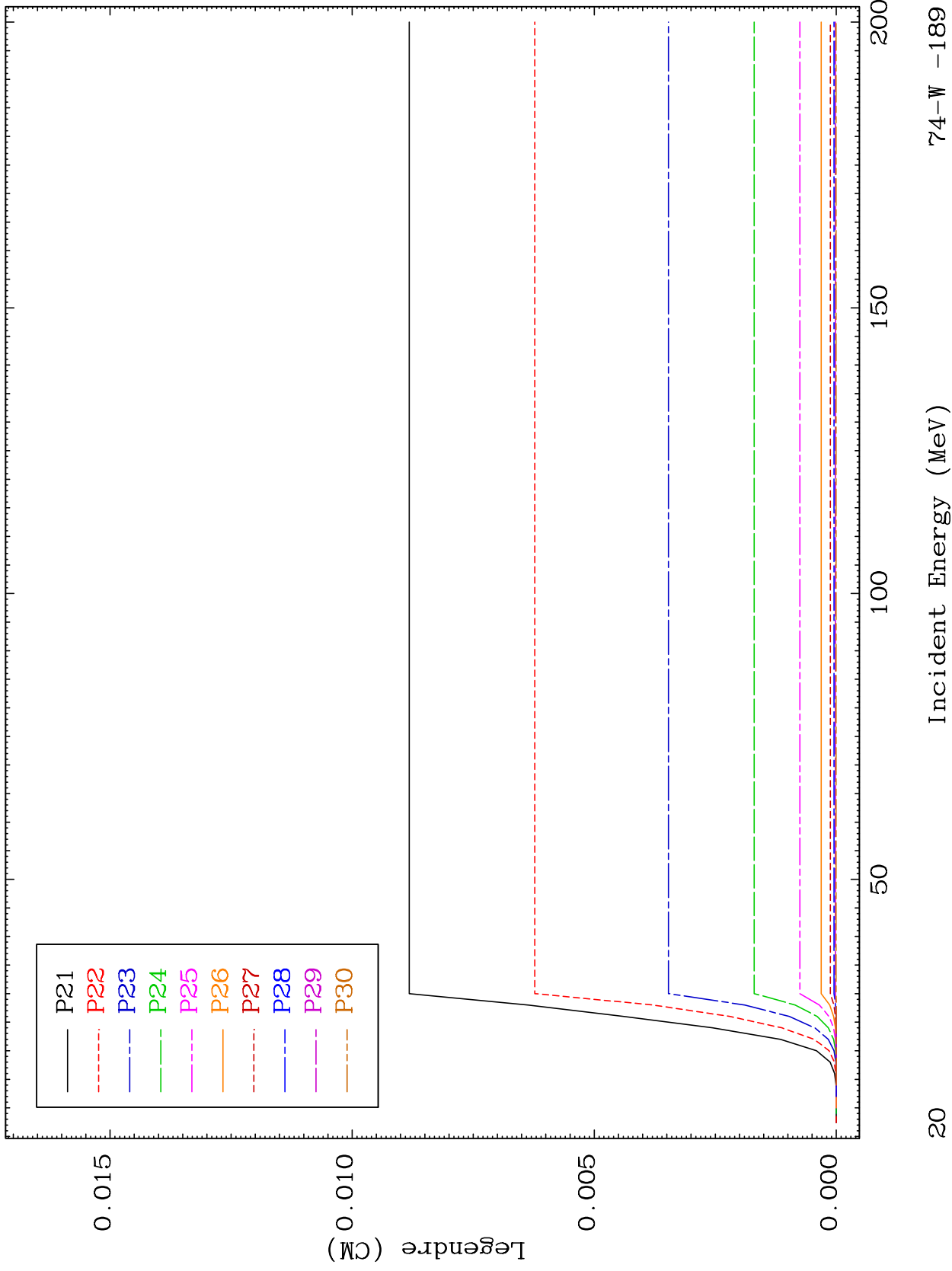
74-W -189



MAT 7452

MT= 51 (n,n') Level
Legendre Coefficients

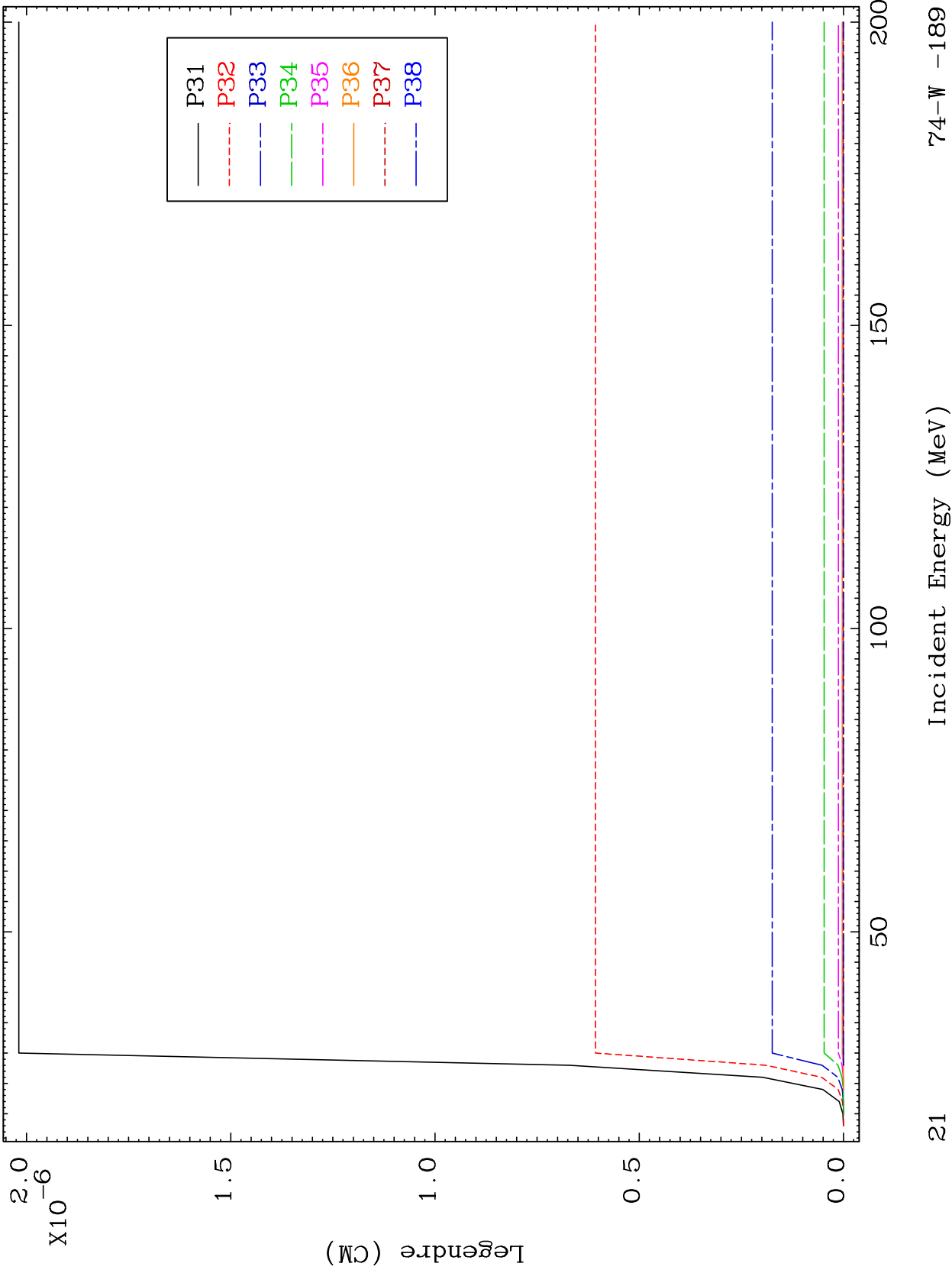
74-W -189



74-W -189

Incident Energy (MeV)

20

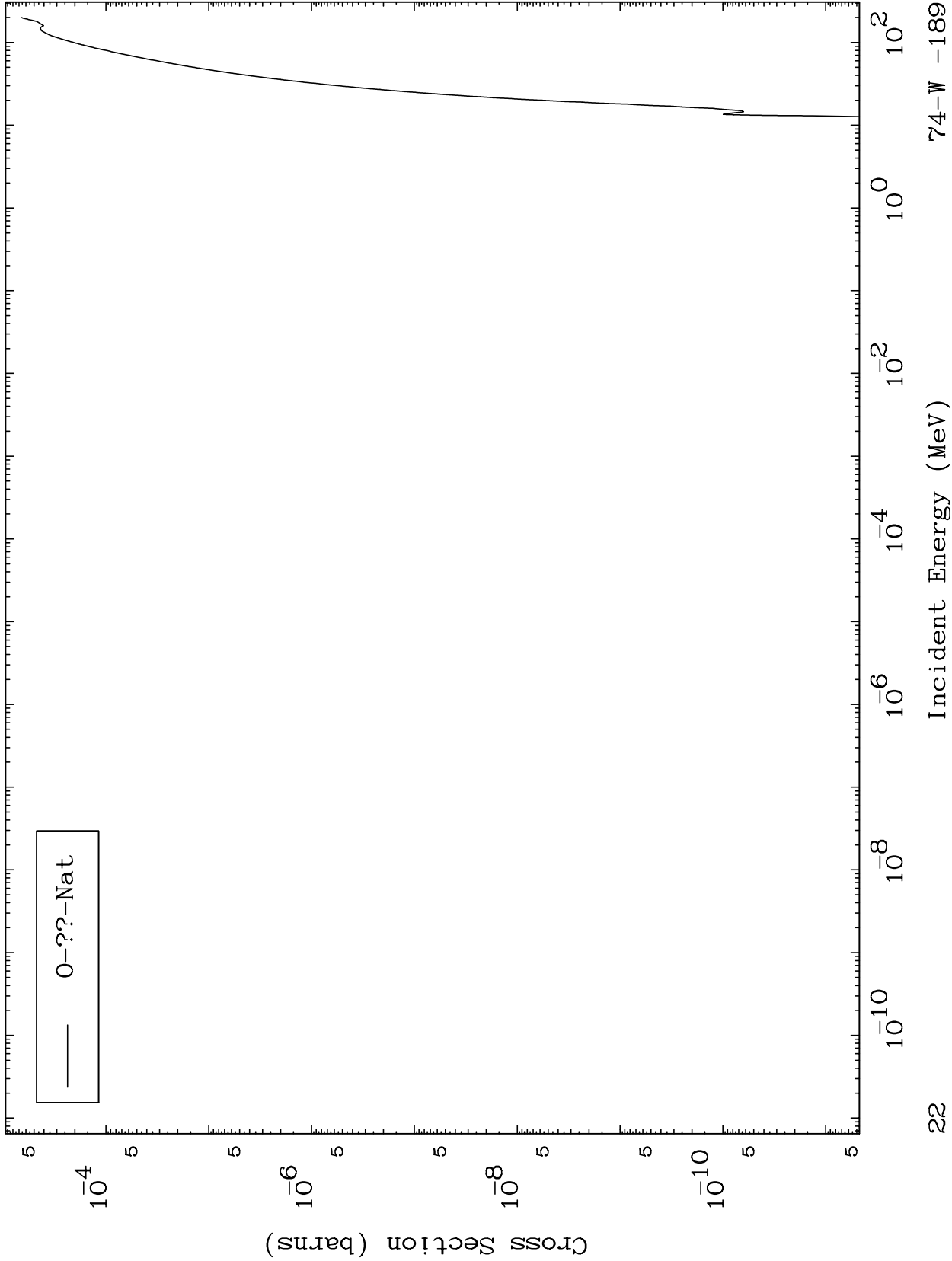


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Fission

74-W -189

Radionuclide Production Cross Section



22

Incident Energy (MeV)

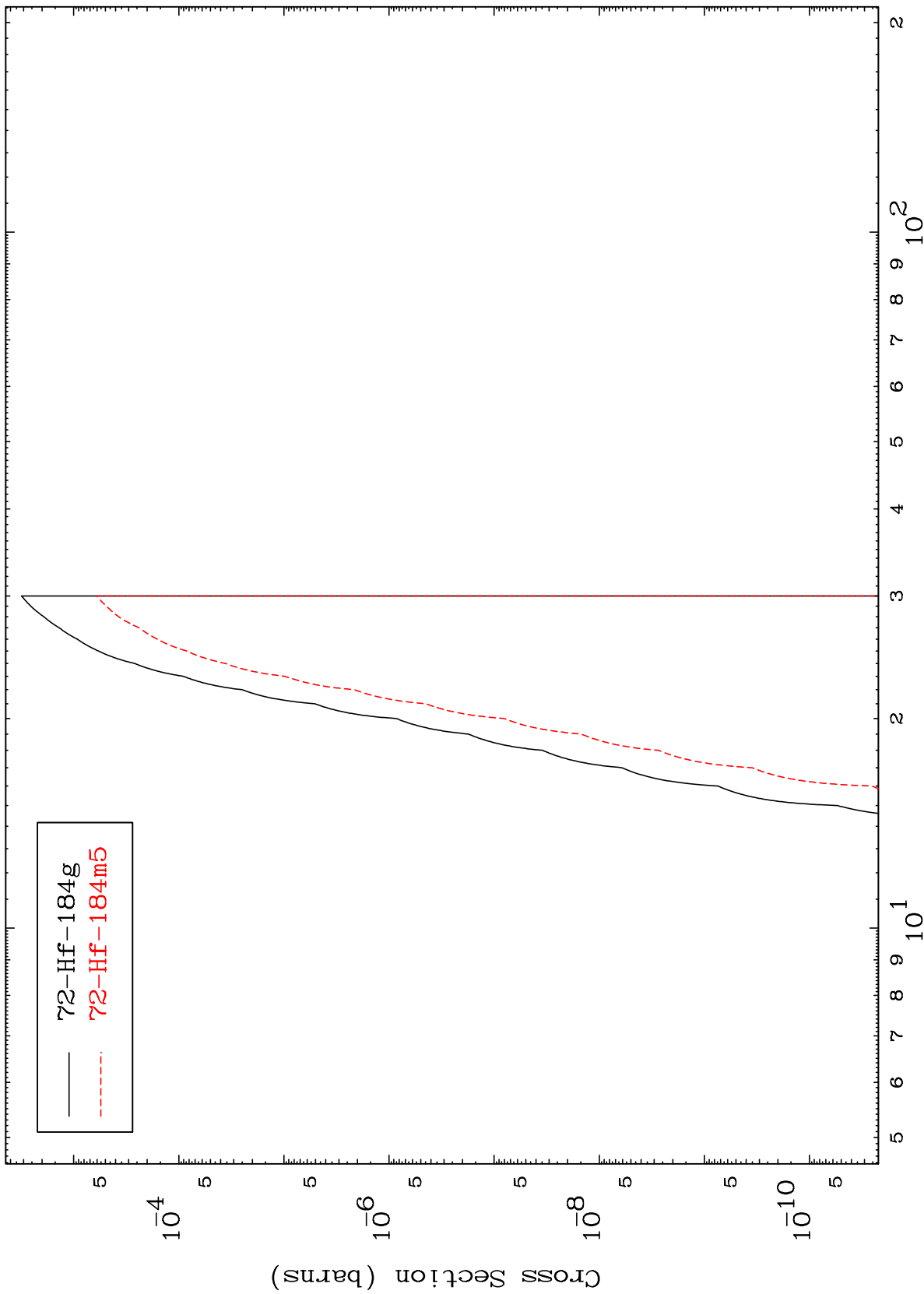
74-W -189

MAT 7452

(n,2n) α

74-W -189

Radionuclide Production Cross Section



— 72-Hf-184g
- - - 72-Hf-184m5

23

Incident Energy (MeV)

74-W -189