

Program EVALPLOT
(Version 2018-1)

by

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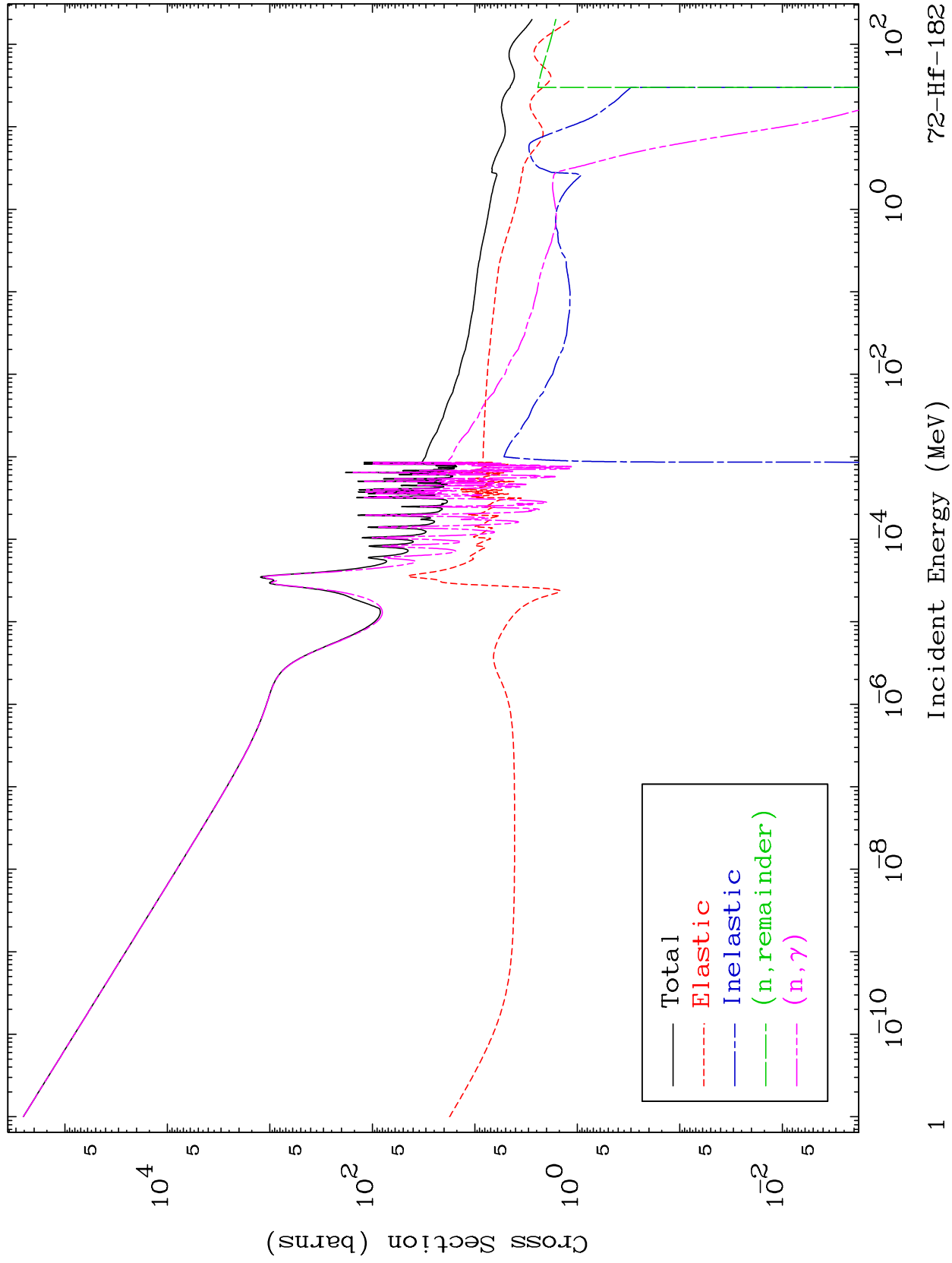
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7250

Major
293 Kelvin Cross Sections

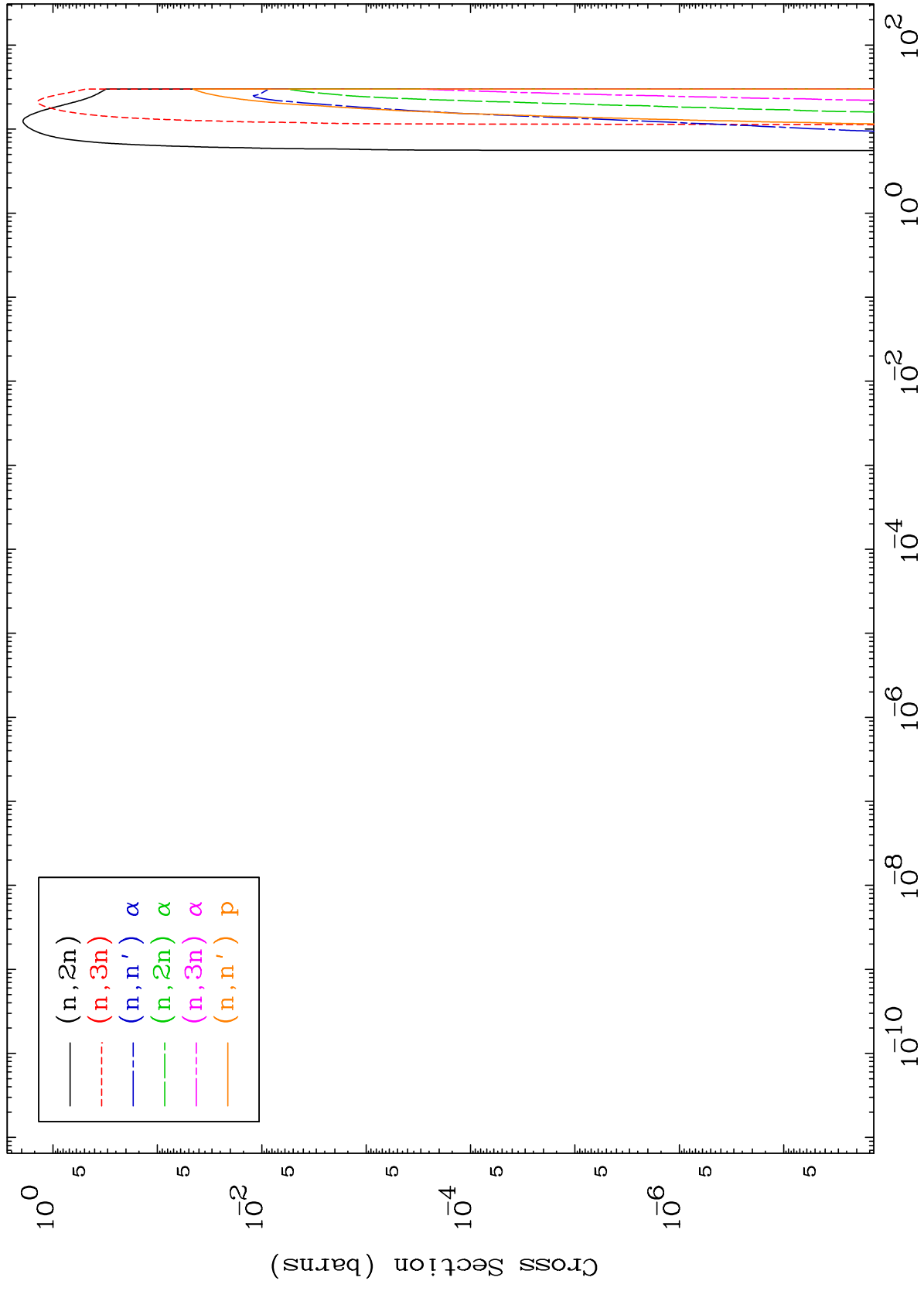
72-Hf-182



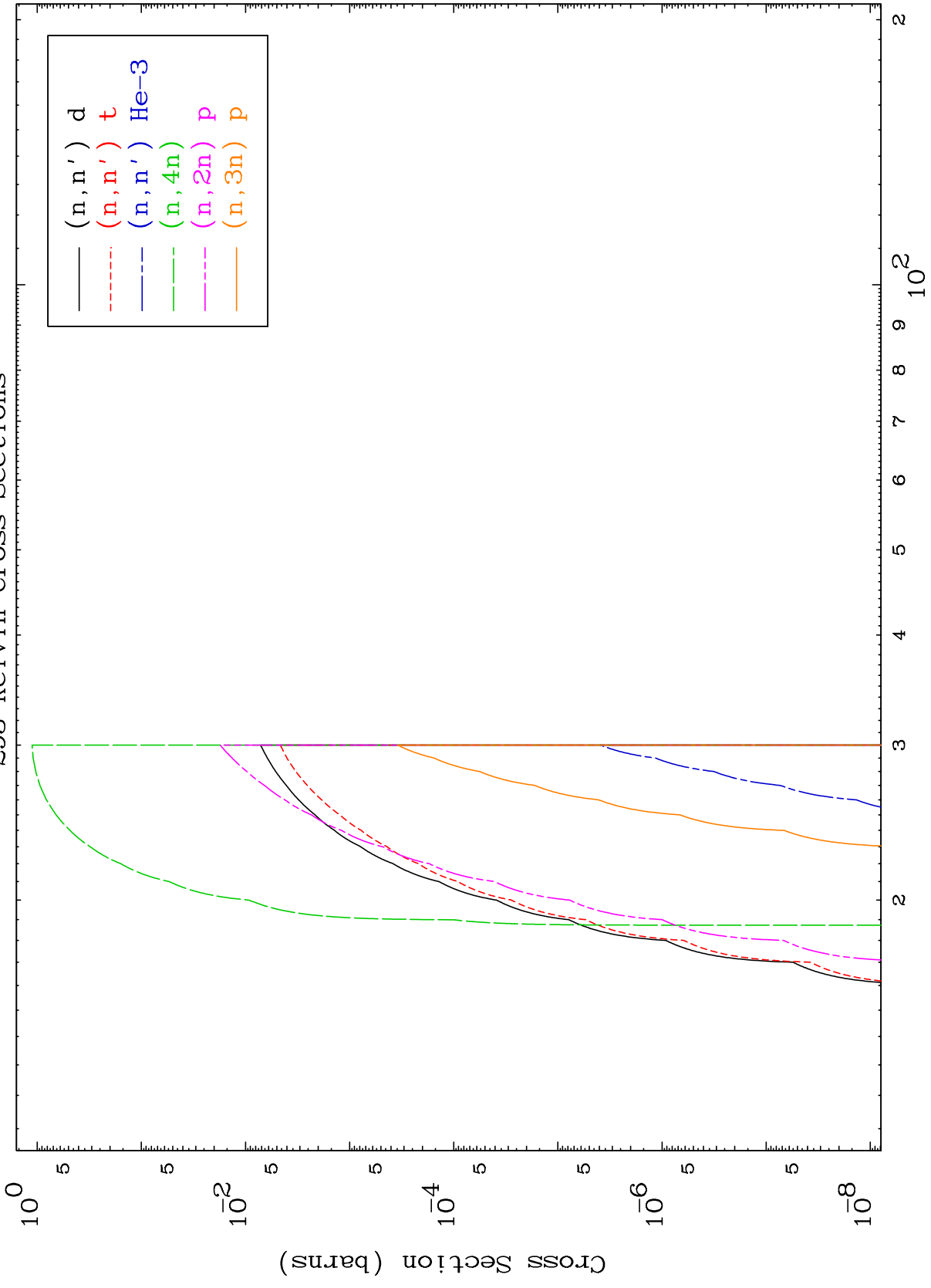
MAT 7250

Neutron Production
293 Kelvin Cross Sections

72-Hf-182



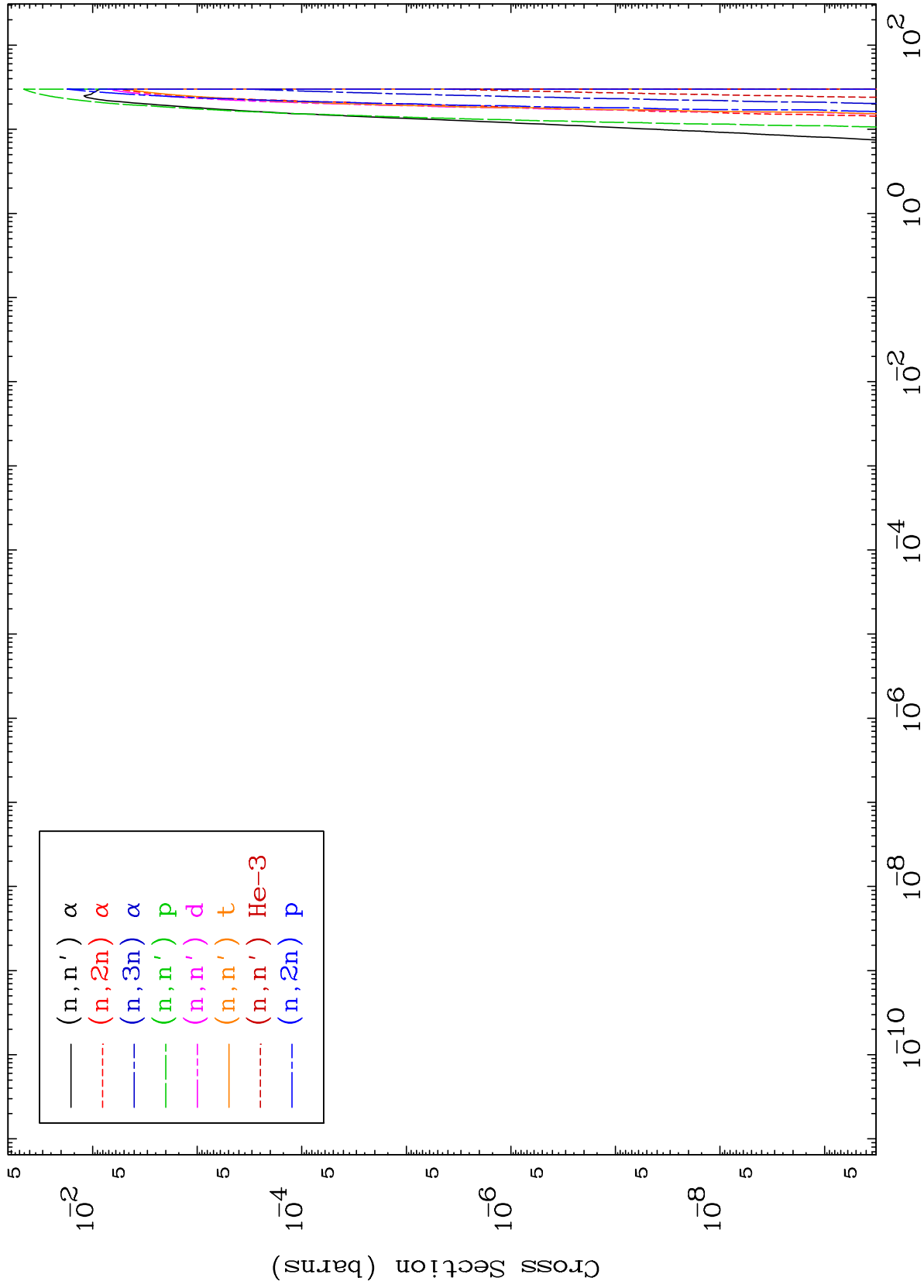
72-Hf-182



MAT 7250

293 Kelvin Cross Sections

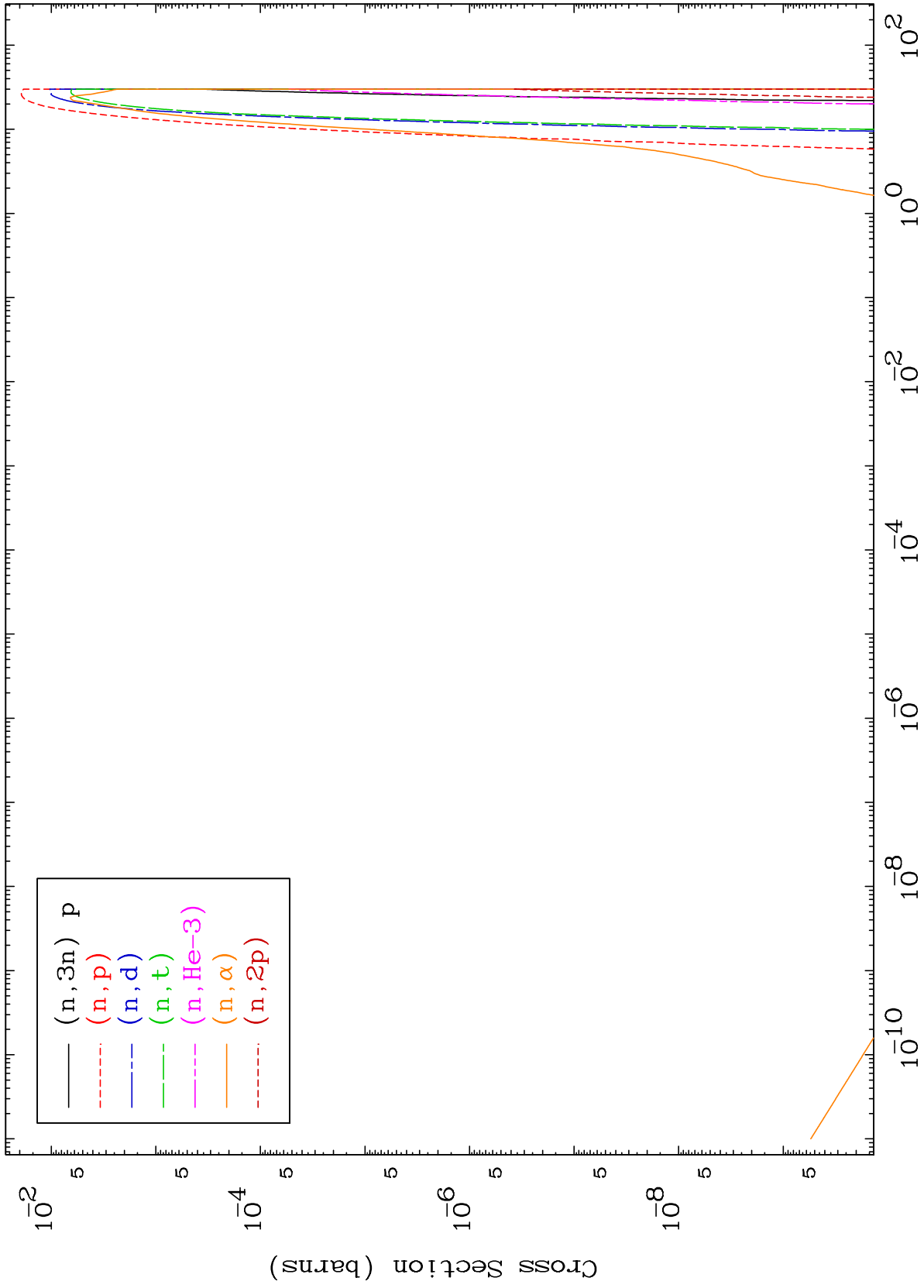
72-Hf-182



MAT 7250

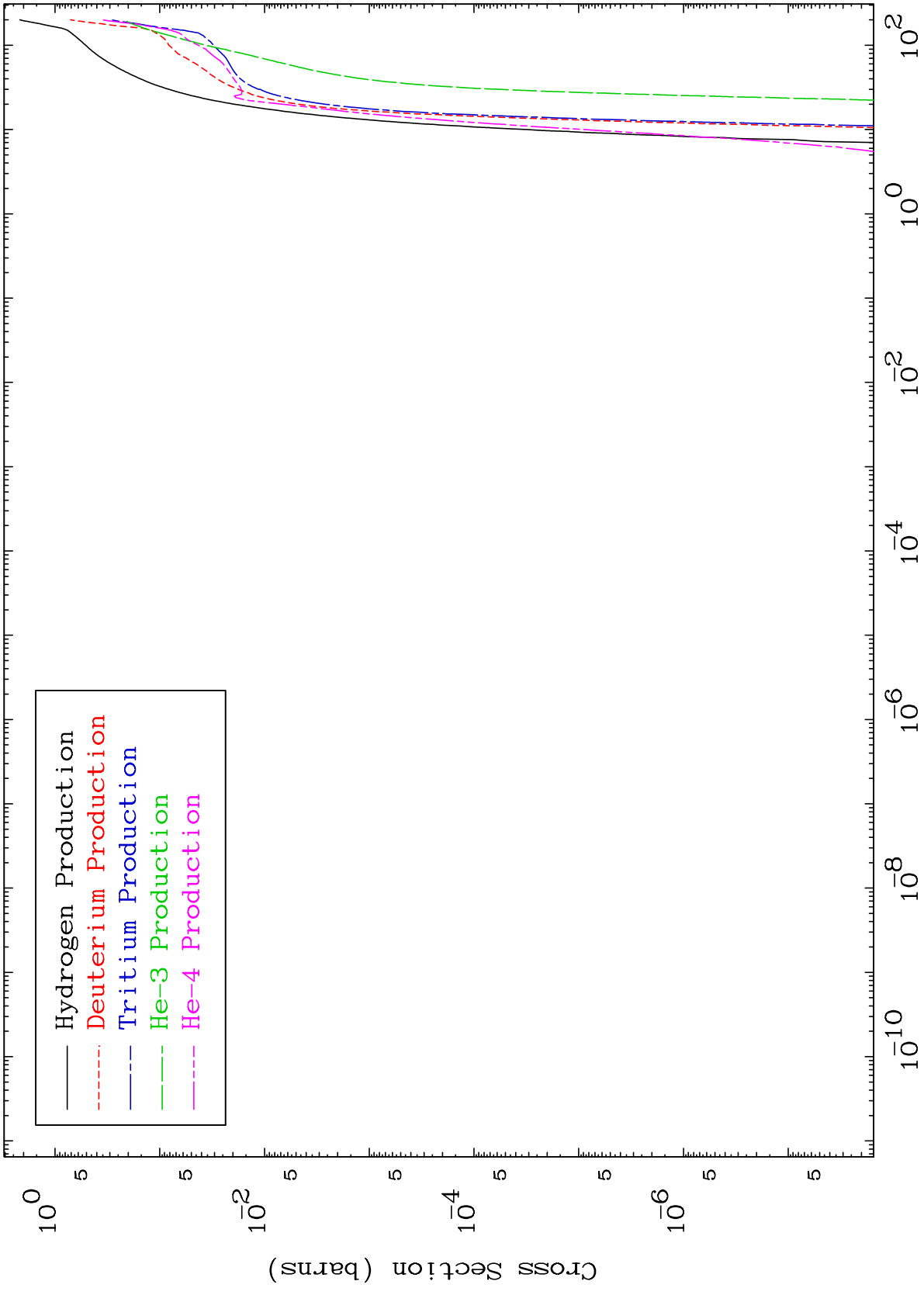
293 Kelvin Cross Sections

72-Hf-182



5

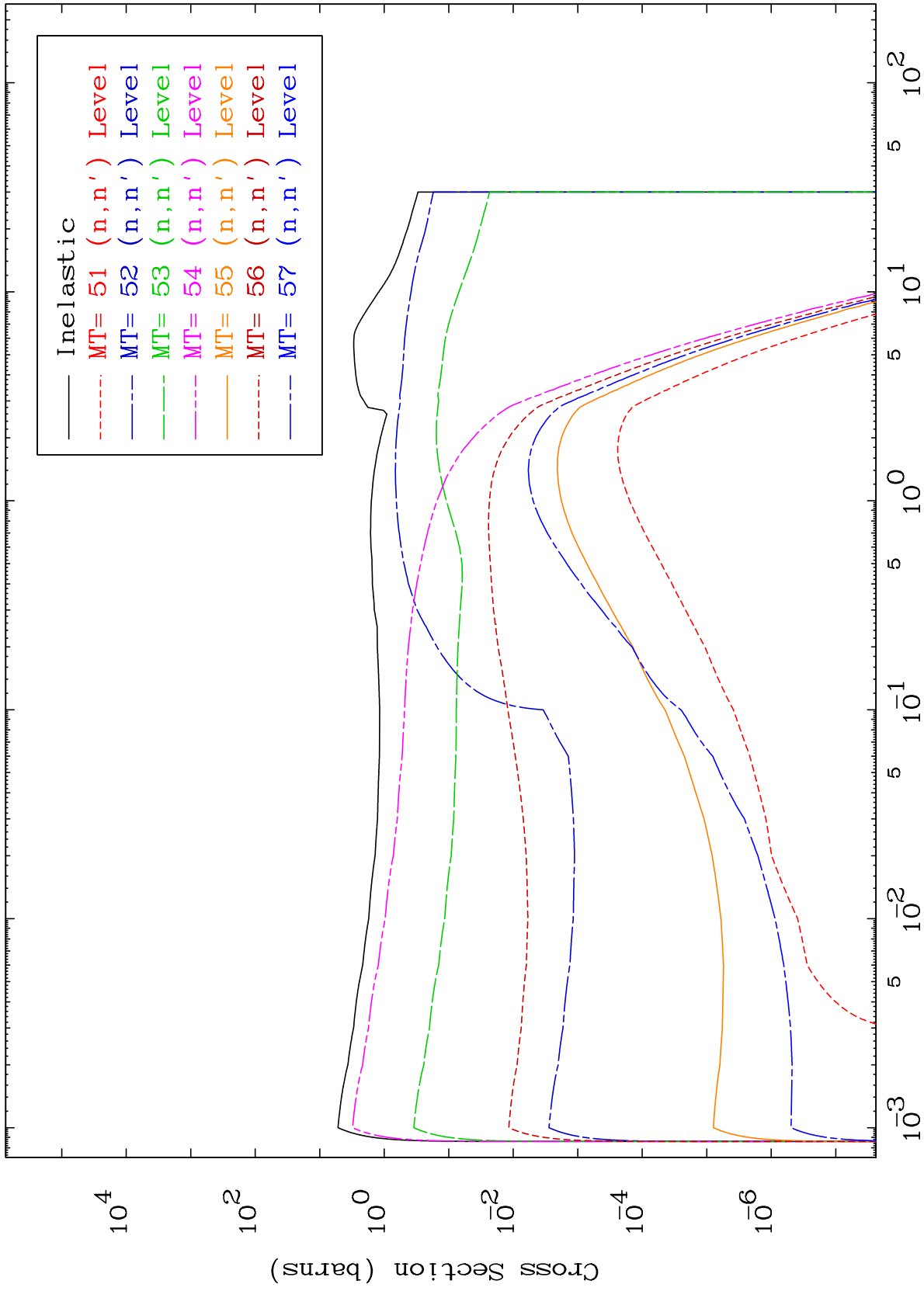
72-Hf-182



MAT 7250

(n,n') Level
293 Kelvin Cross Sections

72-Hf-182



7

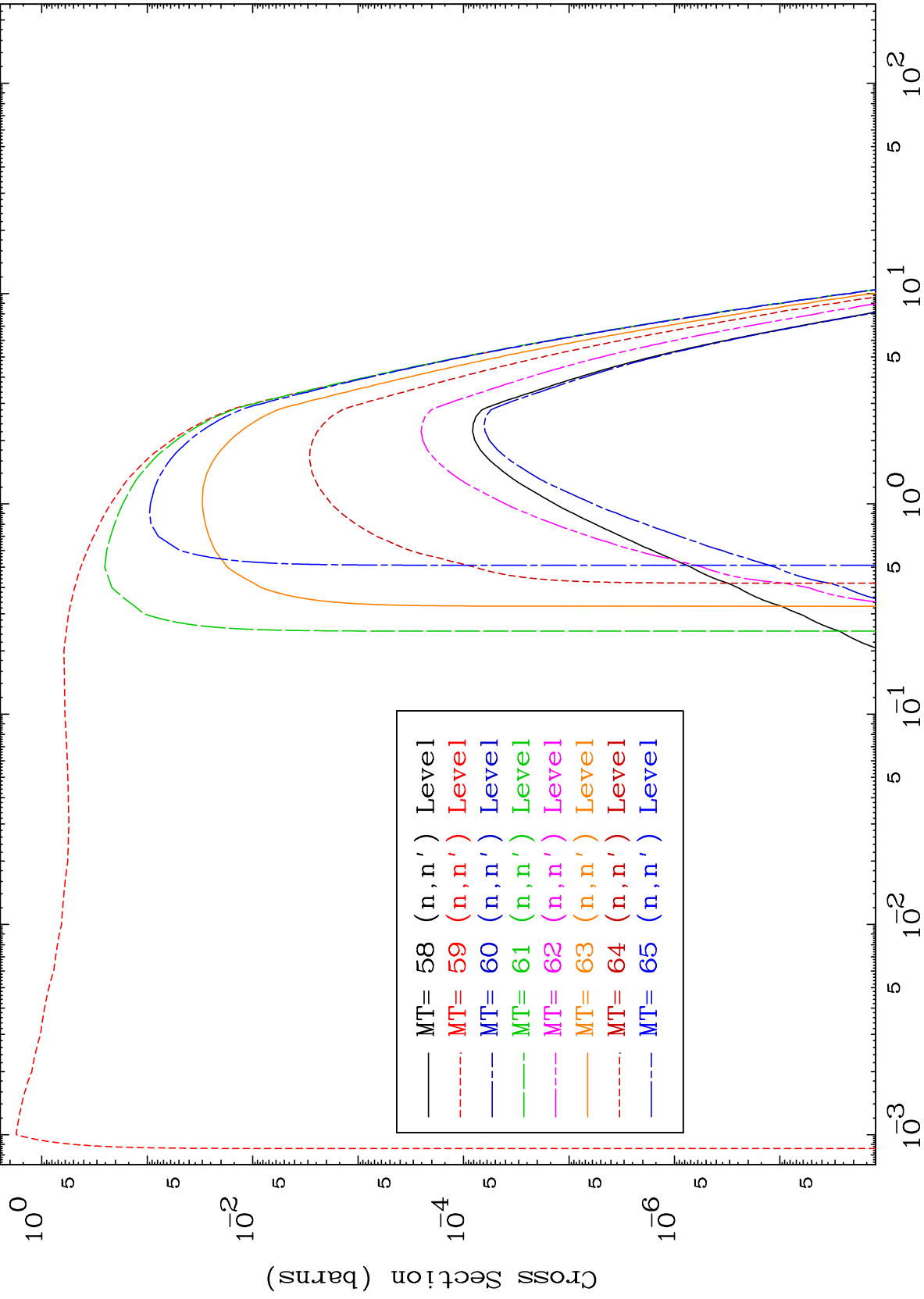
Incident Energy (MeV)

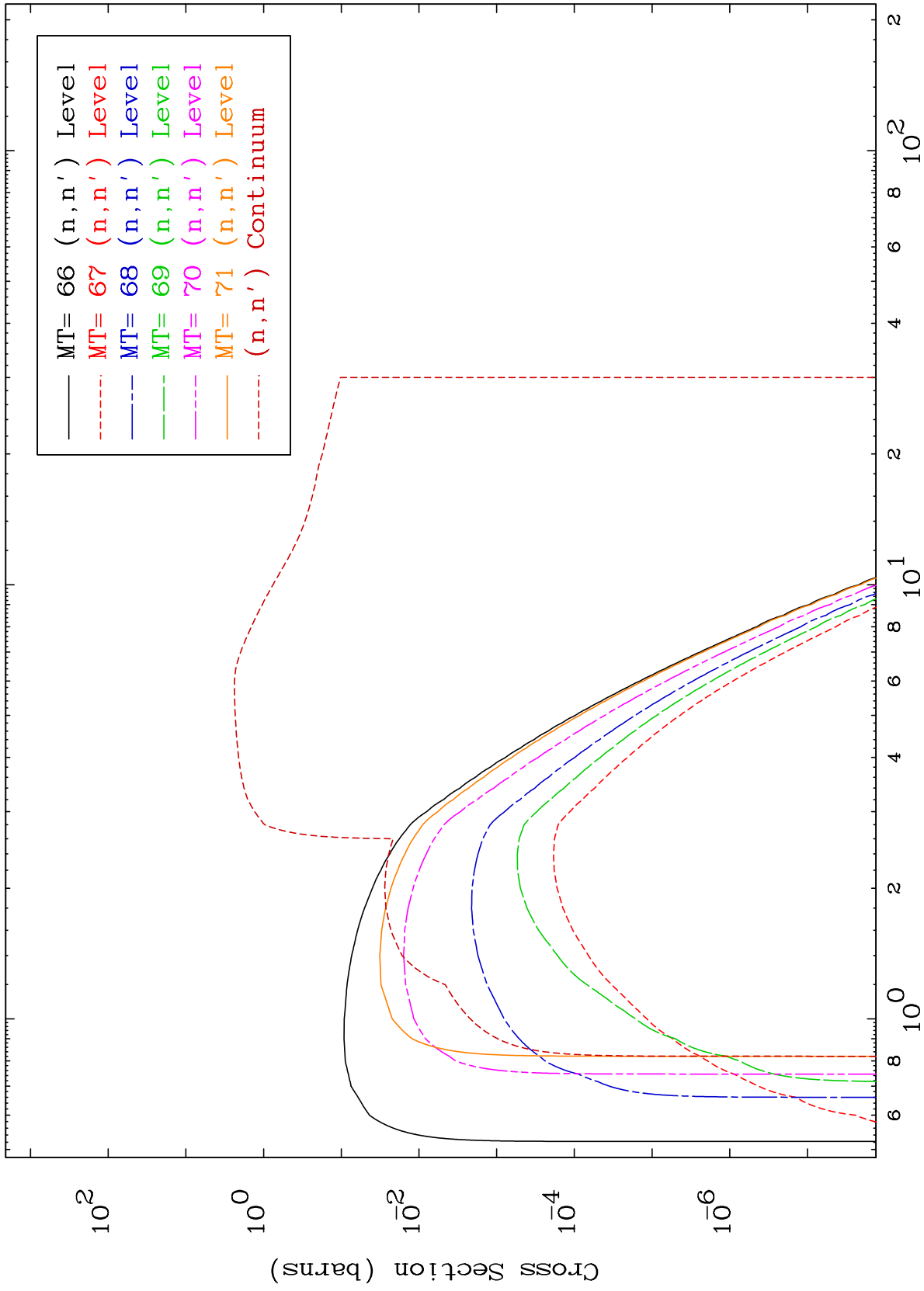
72-Hf-182

MAT 7250

293 (n,n') Level

72-Hf-182

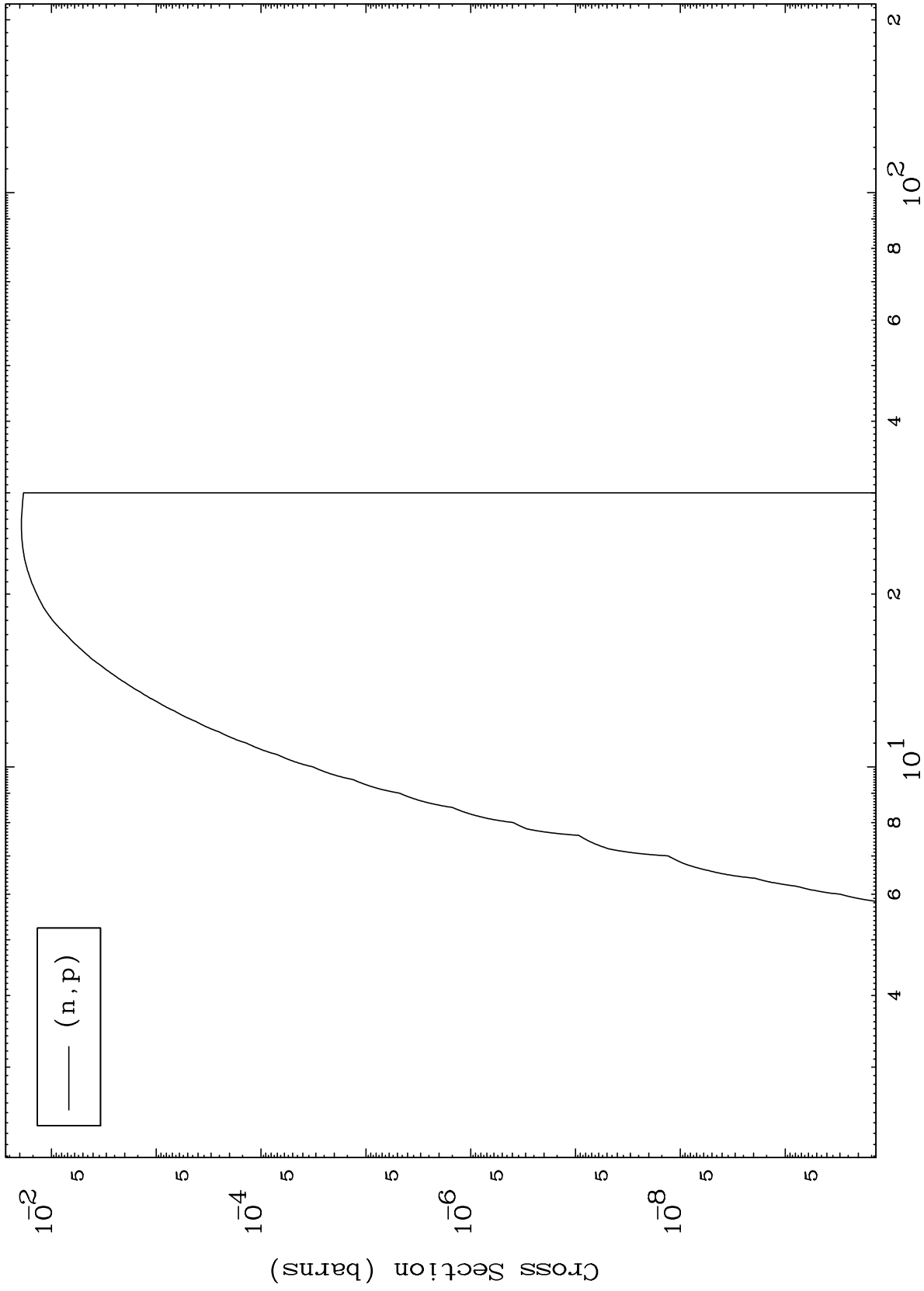




MAT 7250

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-182



10

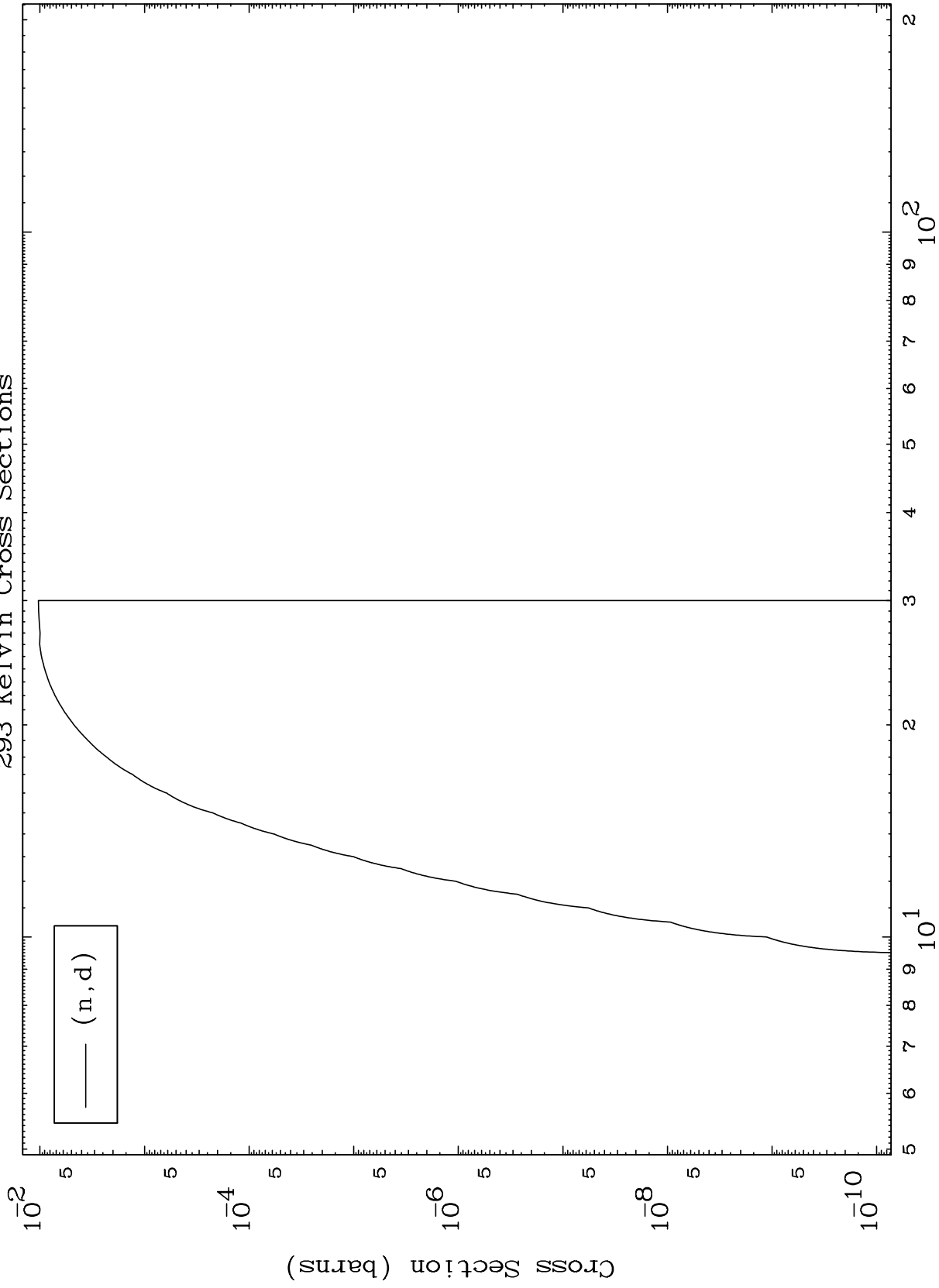
Incident Energy (MeV)

72-Hf-182

MAT 7250

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-182



11

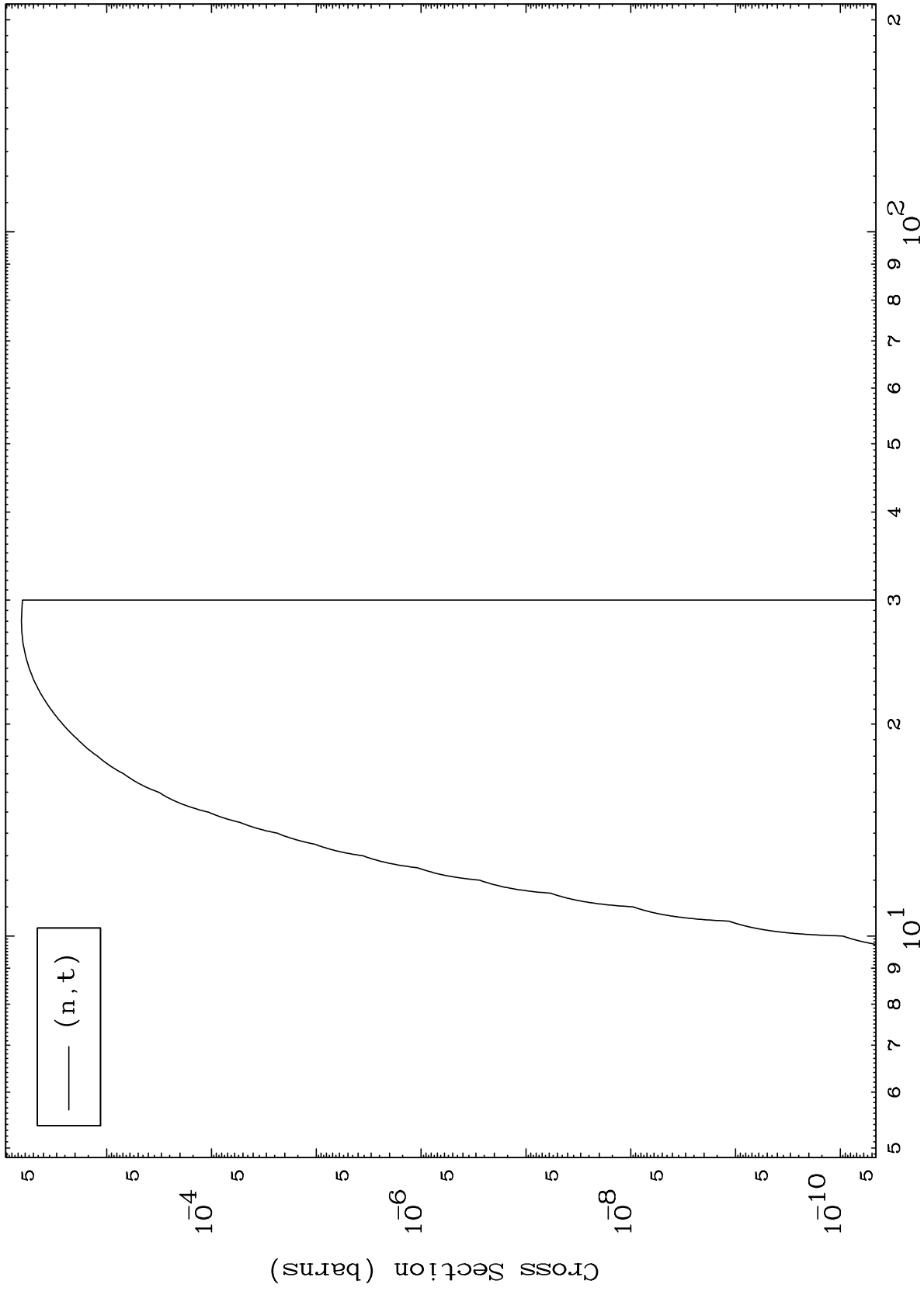
Incident Energy (MeV)

72-Hf-182

MAT 7250

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-182



12

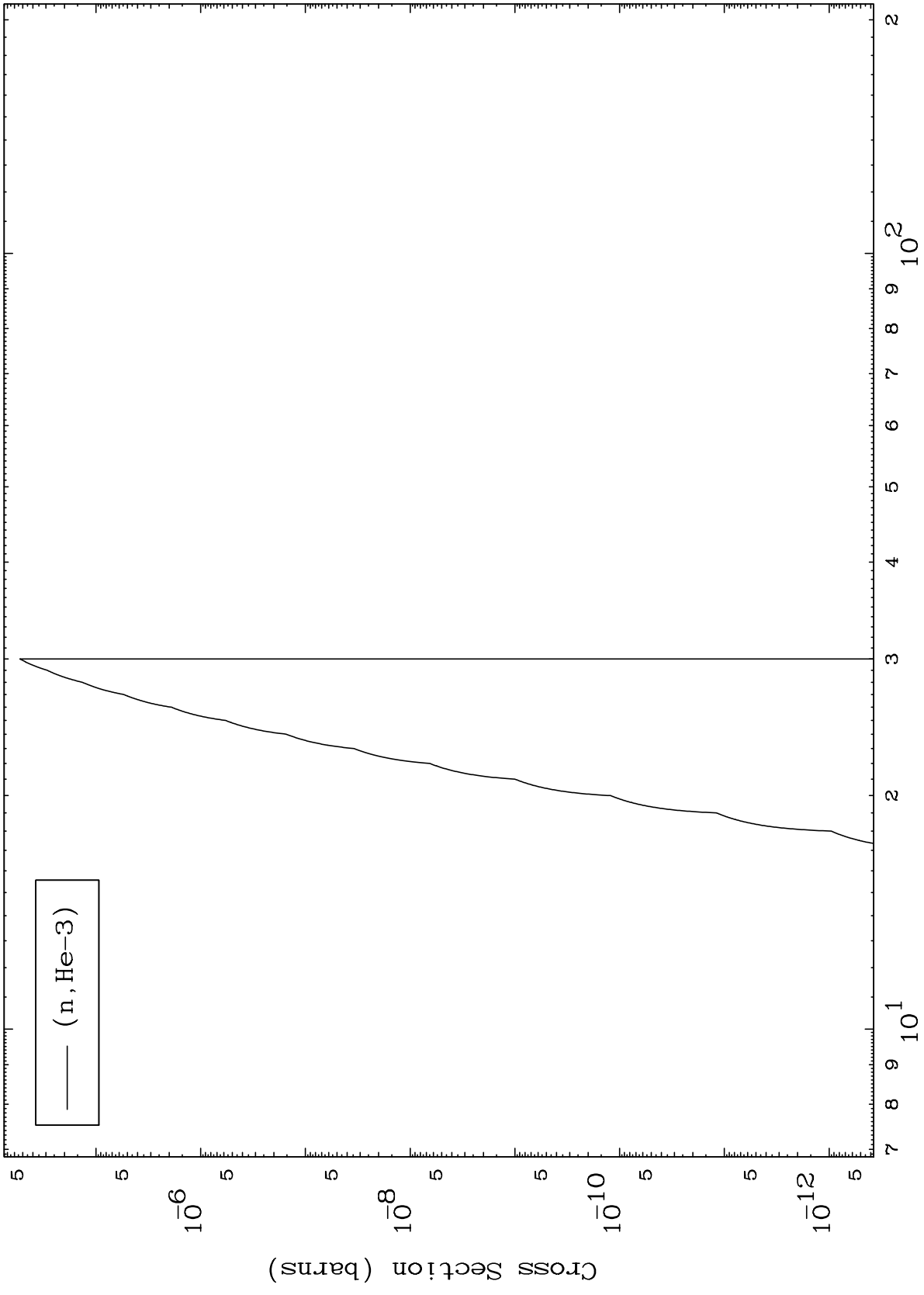
Incident Energy (MeV)

72-Hf-182

MAT 7250

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-182



13

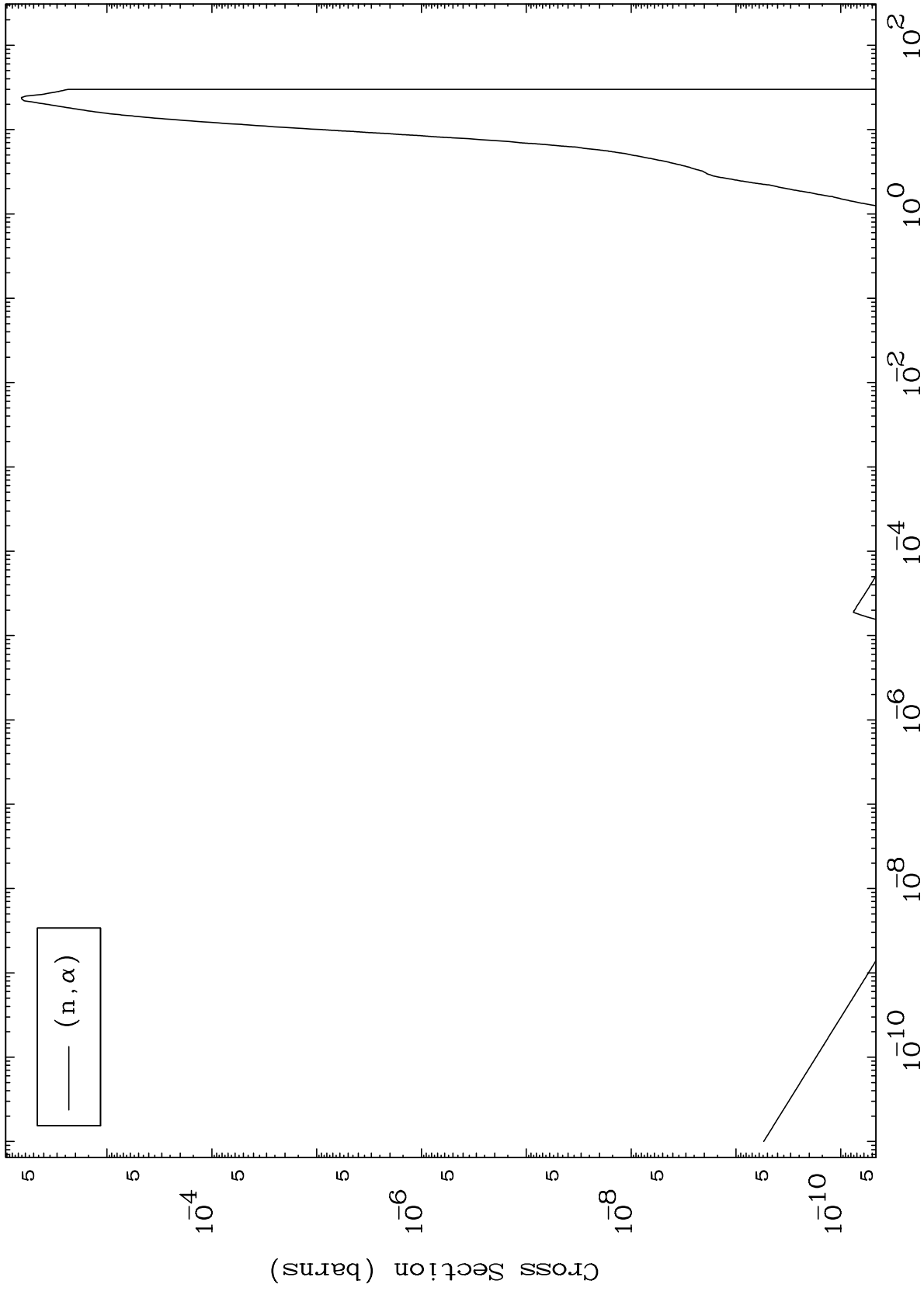
Incident Energy (MeV)

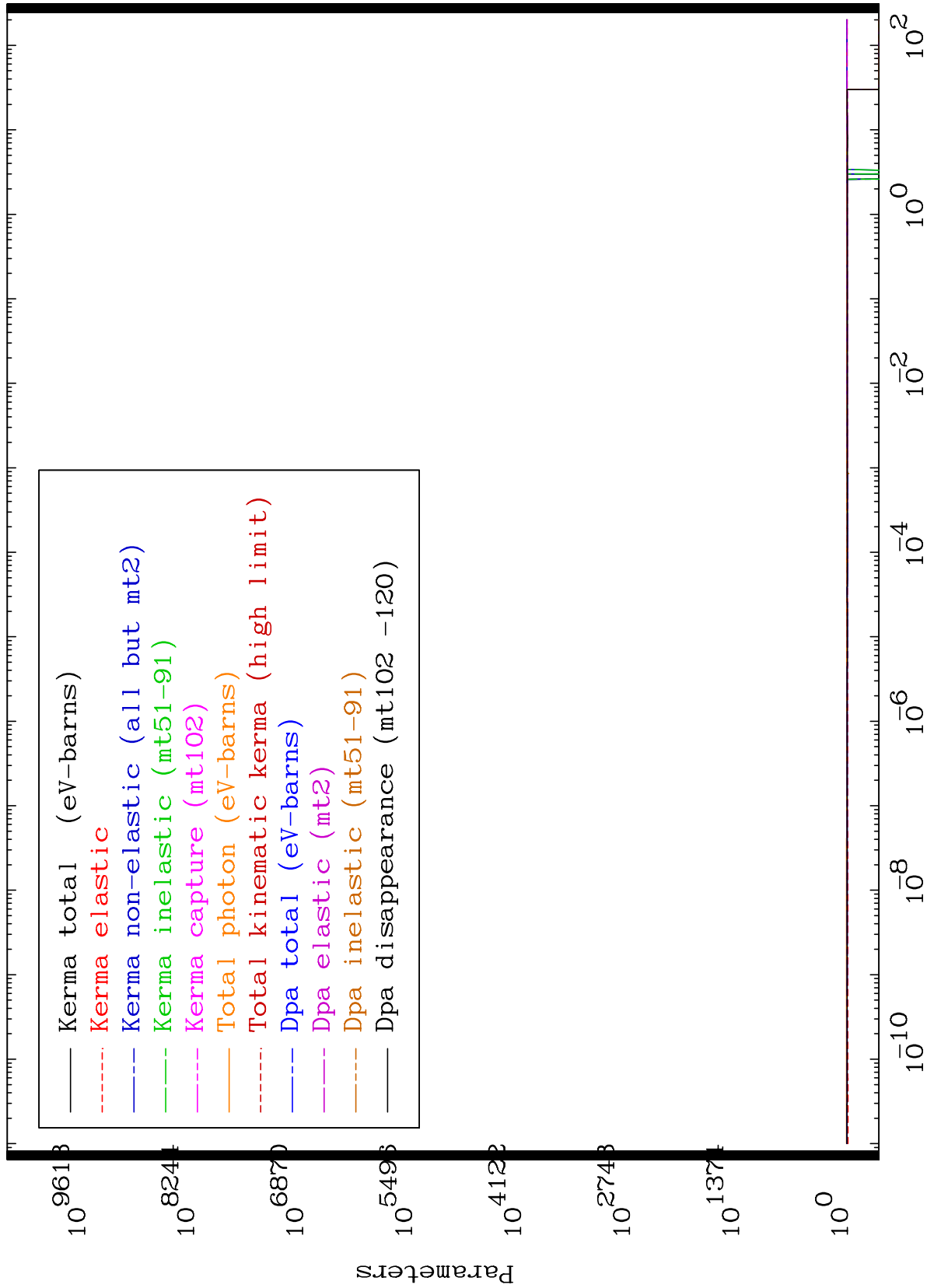
72-Hf-182

MAT 7250

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-182





MAT 7250

Elastic Legendre Coefficients

72-Hf-182



72-Hf-182

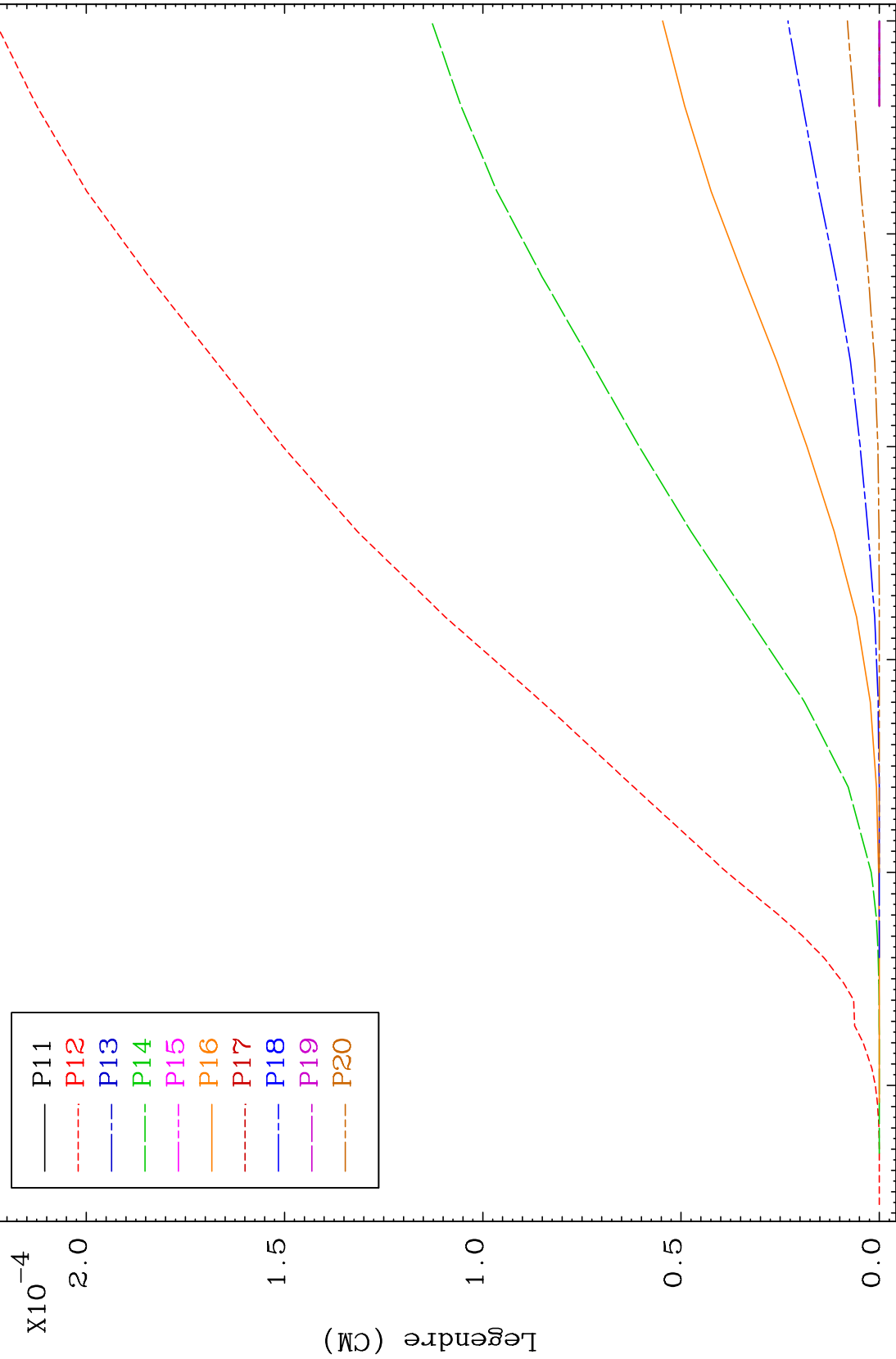
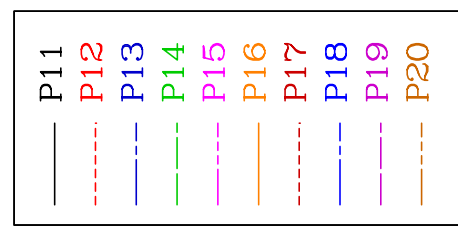
Incident Energy (MeV)

16

MAT 7250

Elastic Legendre Coefficients

72-Hf-182



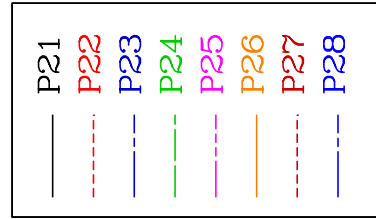
17

72-Hf-182

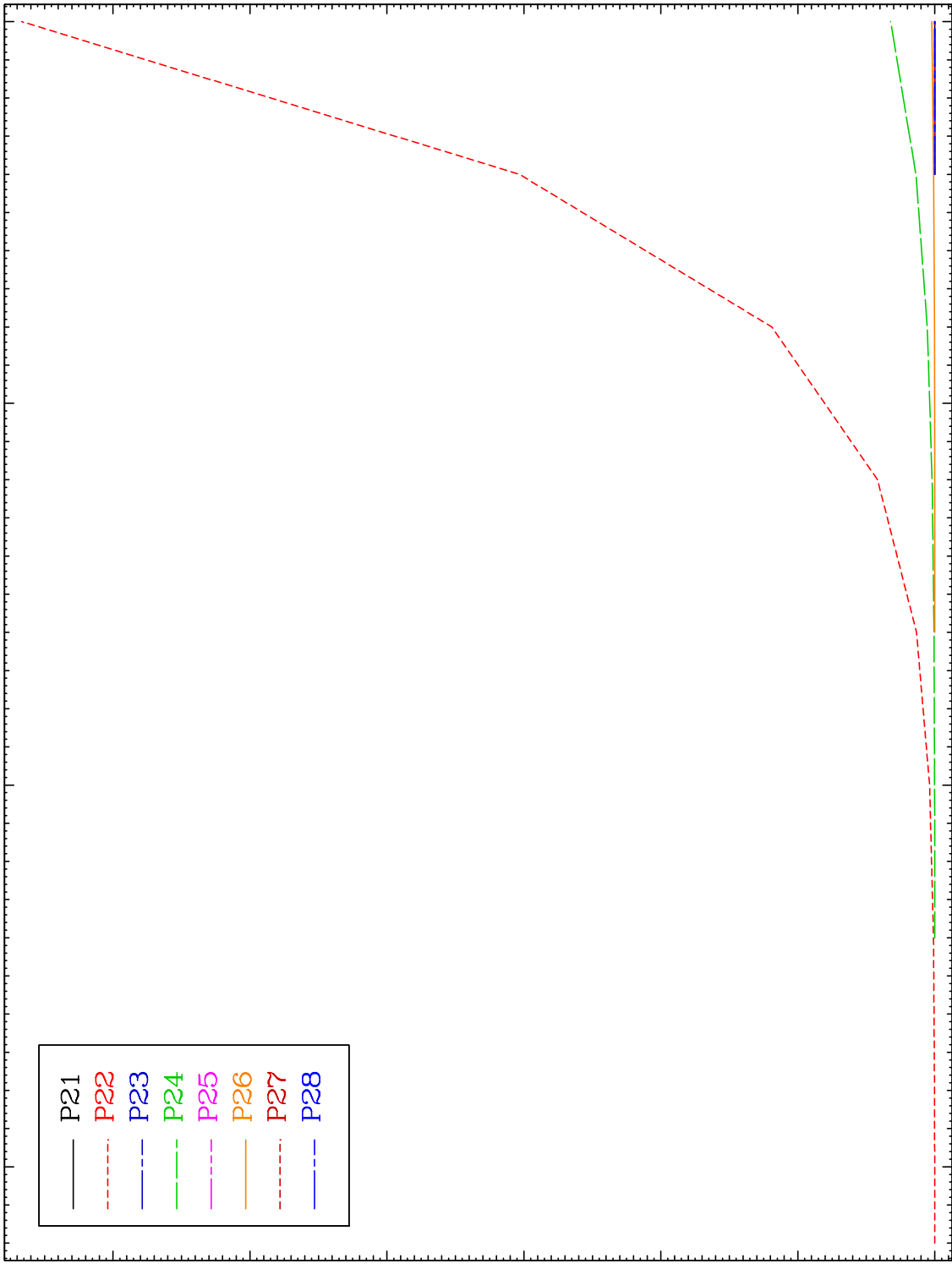
MAT 7250

Elastic Legendre Coefficients

72-Hf-182



$\times 10^{-6}$
Legendre (CM)



18

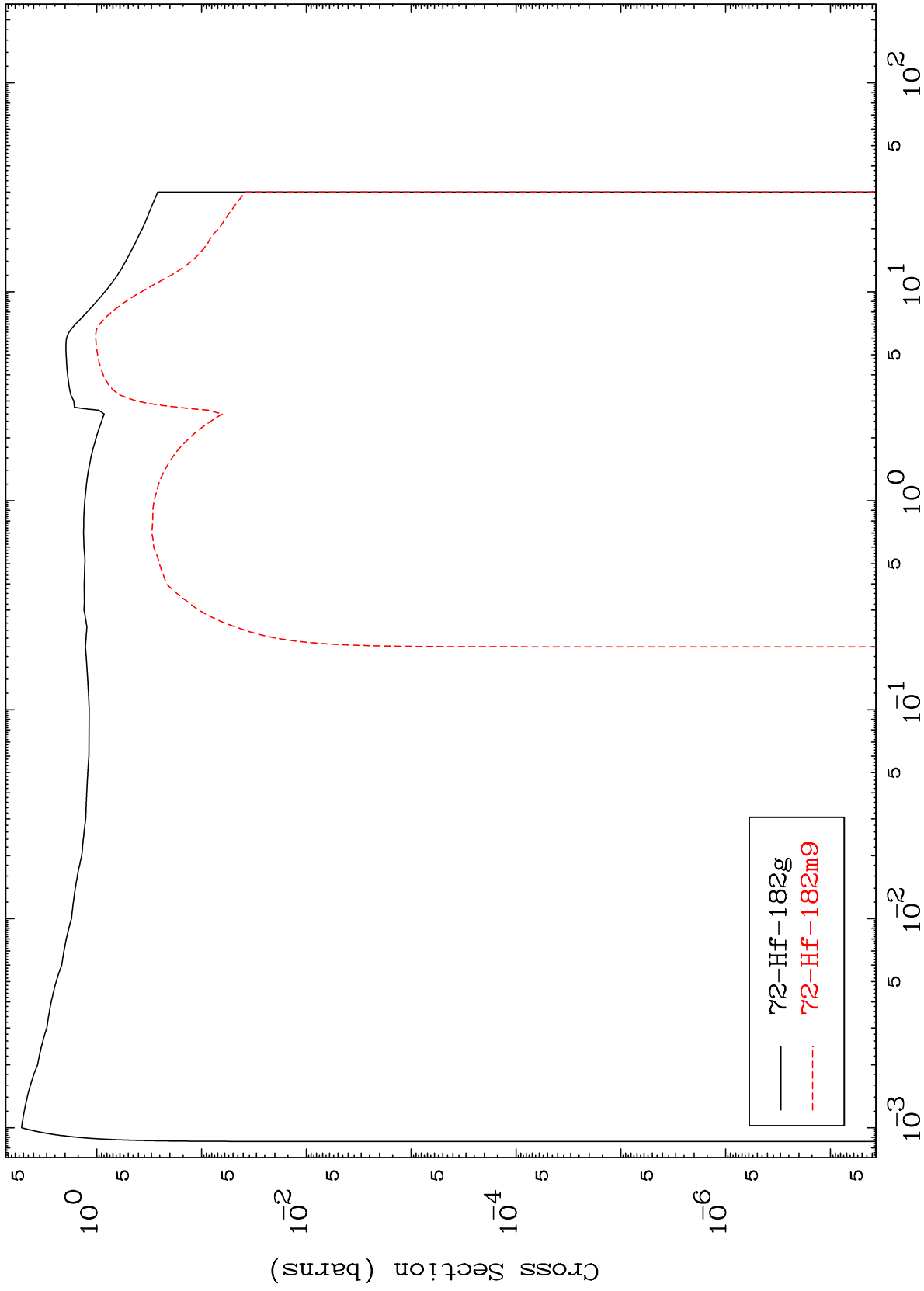
Incident Energy (MeV)

72-Hf-182

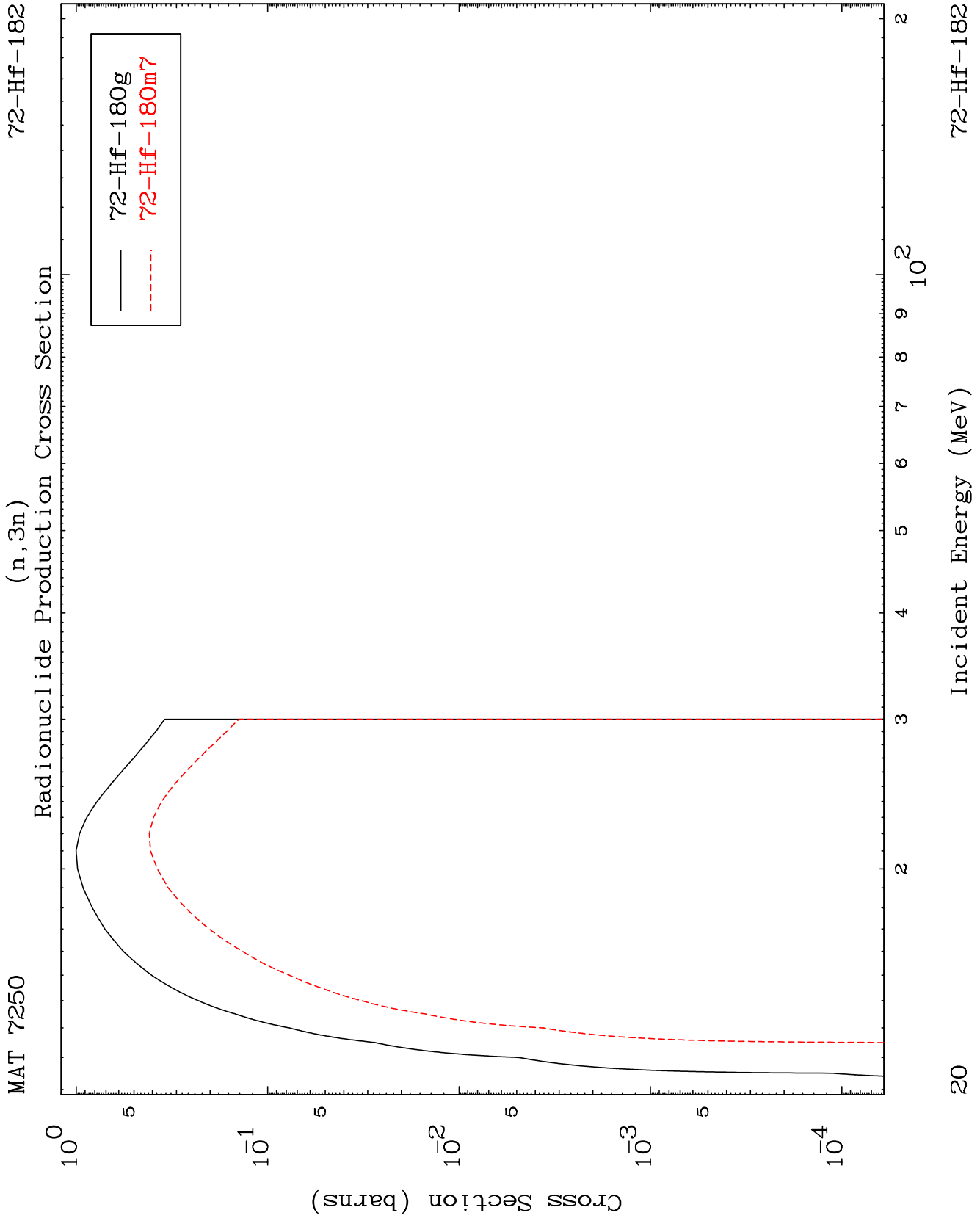
MAT 7250

Inelastic
Radionuclide Production Cross Section

72-Hf-182



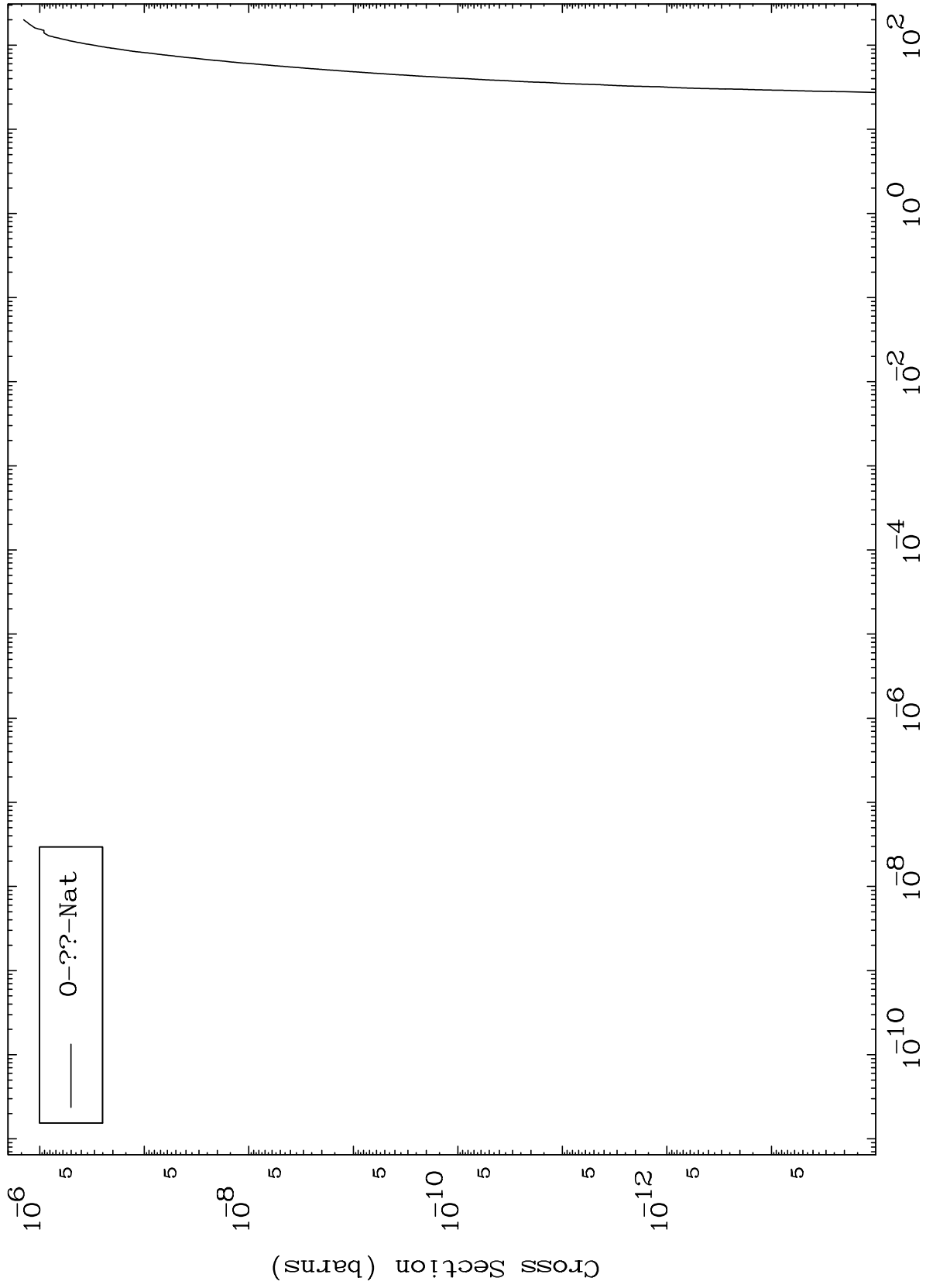
— 72-Hf-182g
- - - 72-Hf-182m9



MAT 7250

Fission
Radionuclide Production Cross Section

72-Hf-182



21

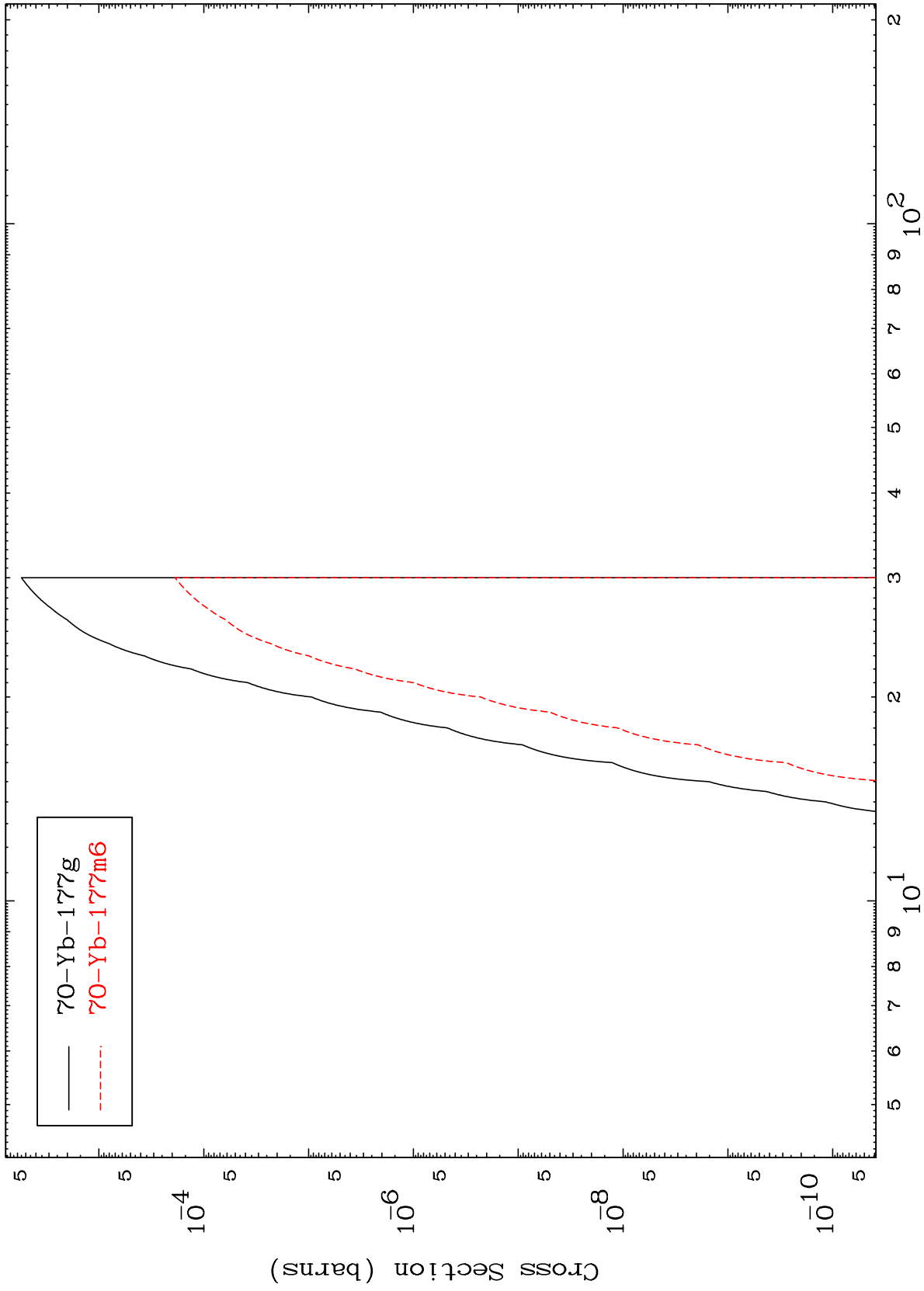
72-Hf-182

MAT 7250

$(n, 2n) \alpha$

72-Hf-182

Radionuclide Production Cross Section



22

Incident Energy (MeV)

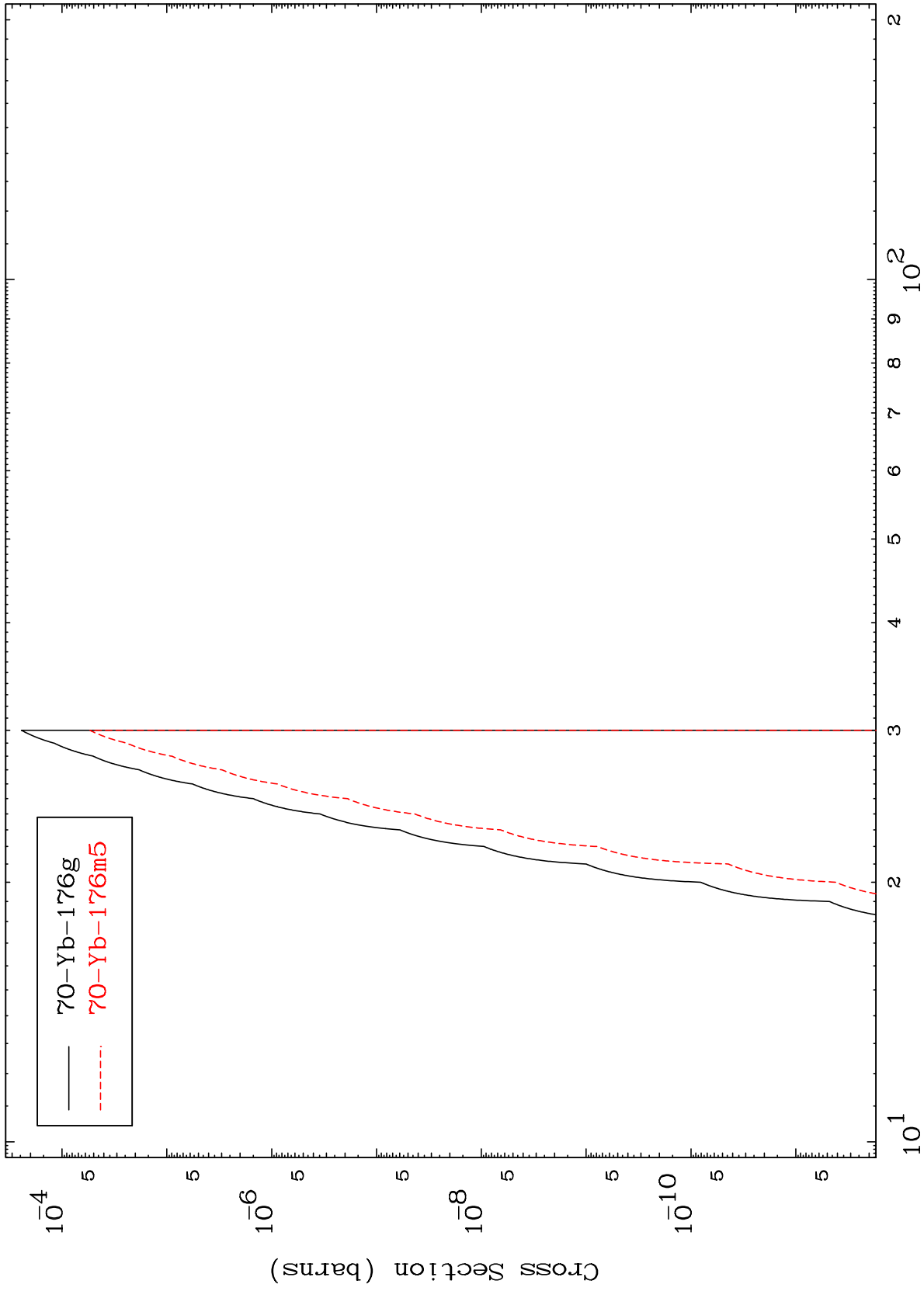
72-Hf-182

MAT 7250

(n,3n) α

72-Hf-182

Radionuclide Production Cross Section



70-Yb-176g
70-Yb-176m5

23

Incident Energy (MeV)

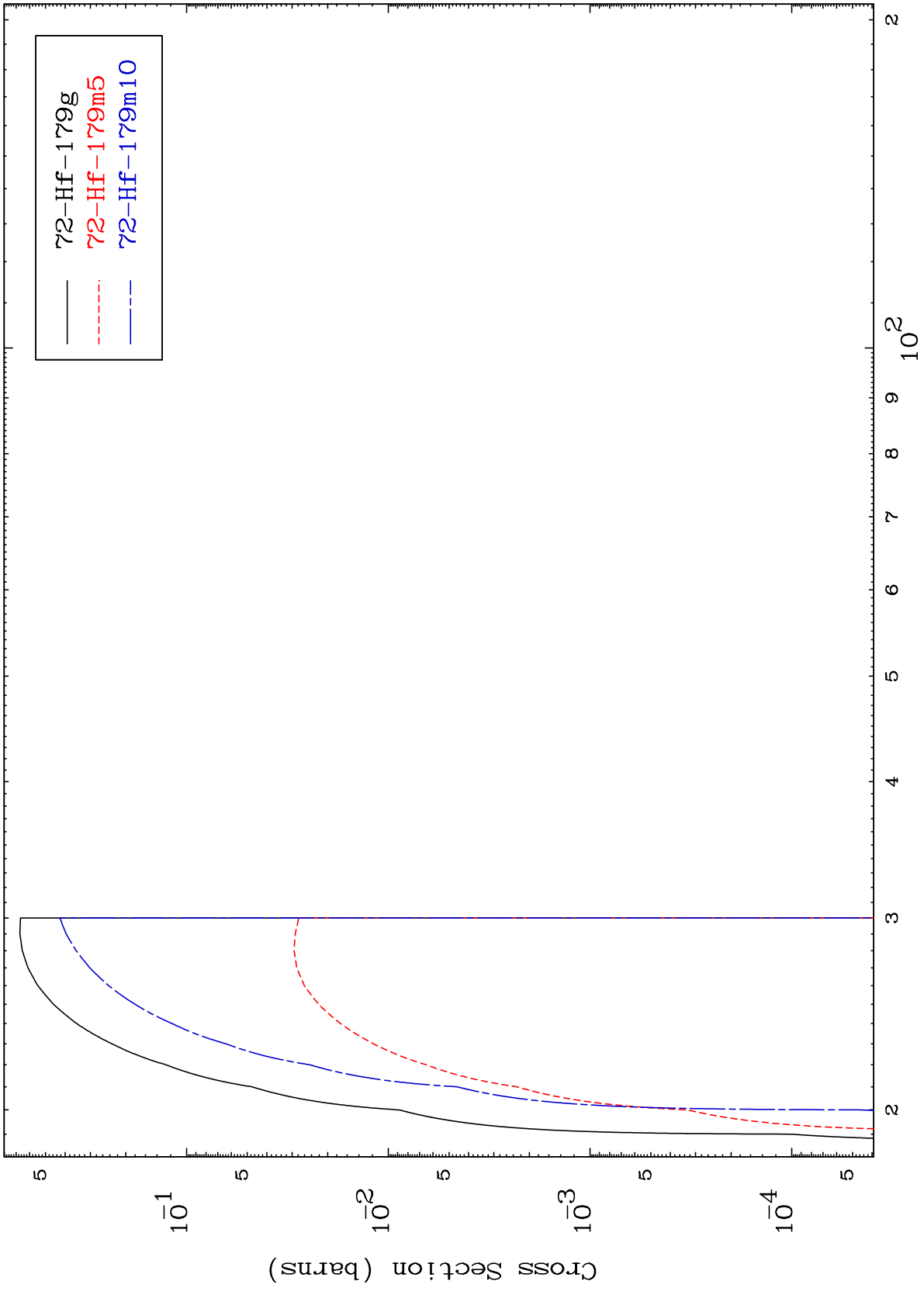
72-Hf-182

MAT 7250

(n,4n)

72-Hf-182

Radionuclide Production Cross Section



24

Incident Energy (MeV)

72-Hf-182