

Program EVALPLOT
(Version 2017-1)

by

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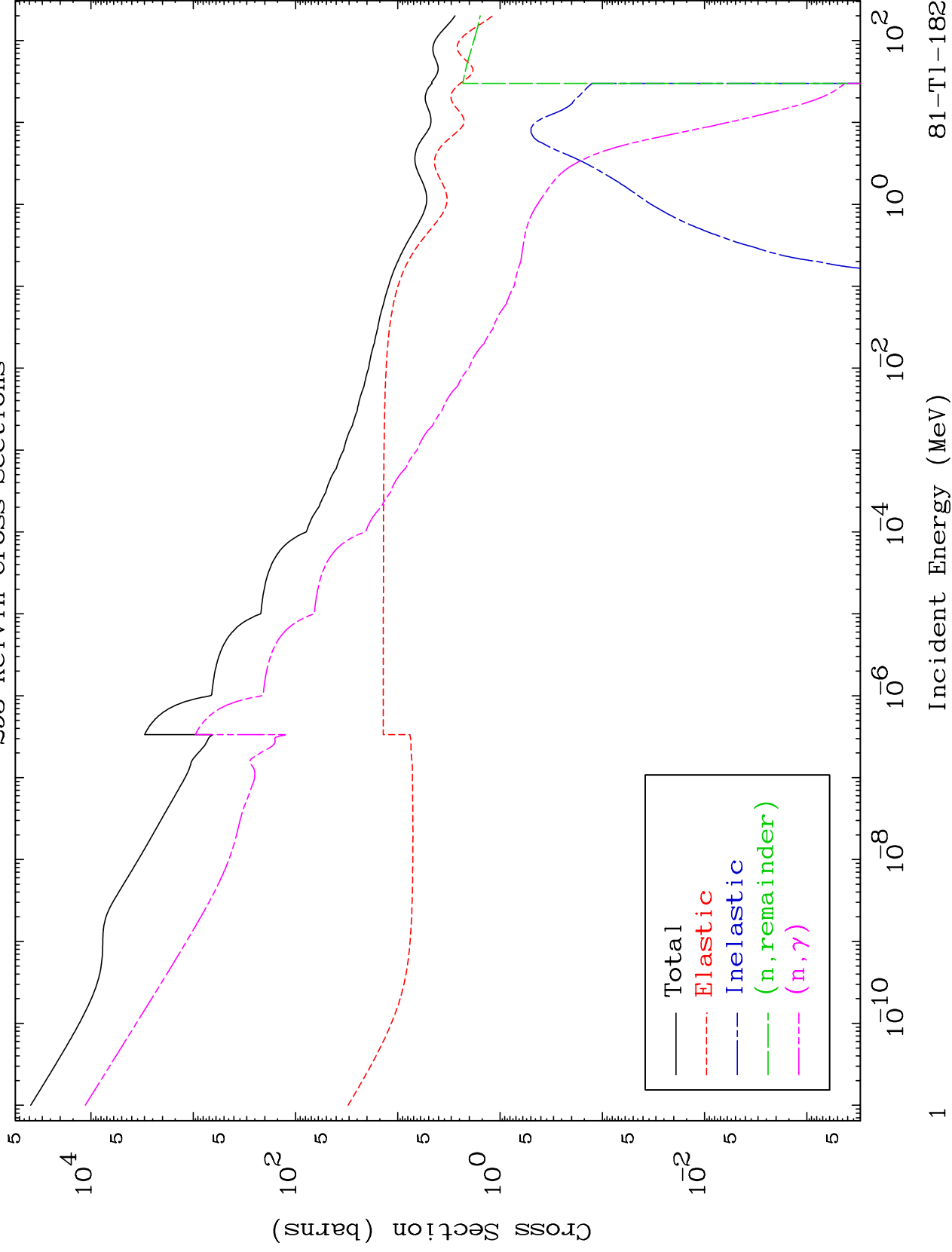
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8062

Major
293 Kelvin Cross Sections

81-T1-182

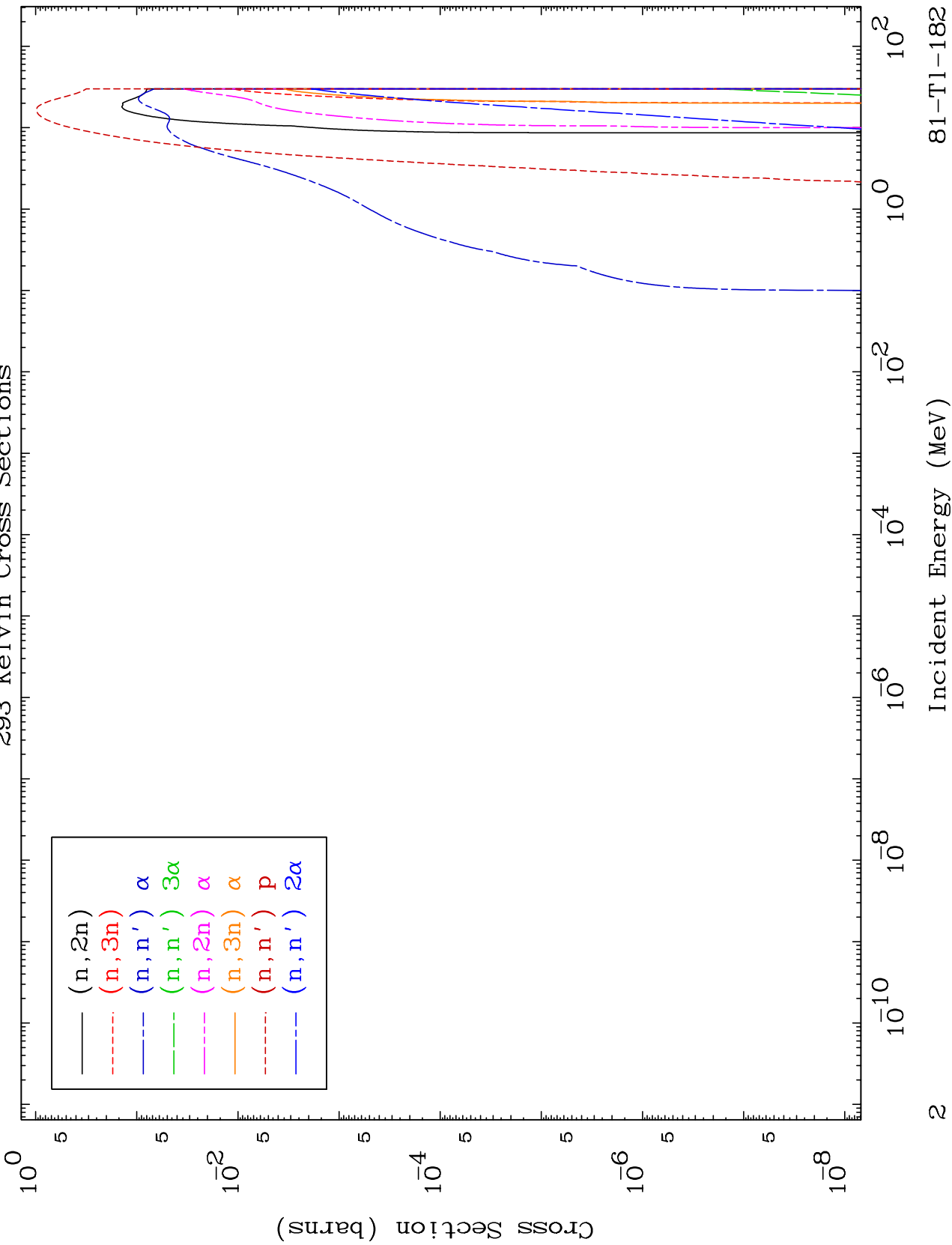


1

MAT 8062

Neutron Production
293 Kelvin Cross Sections

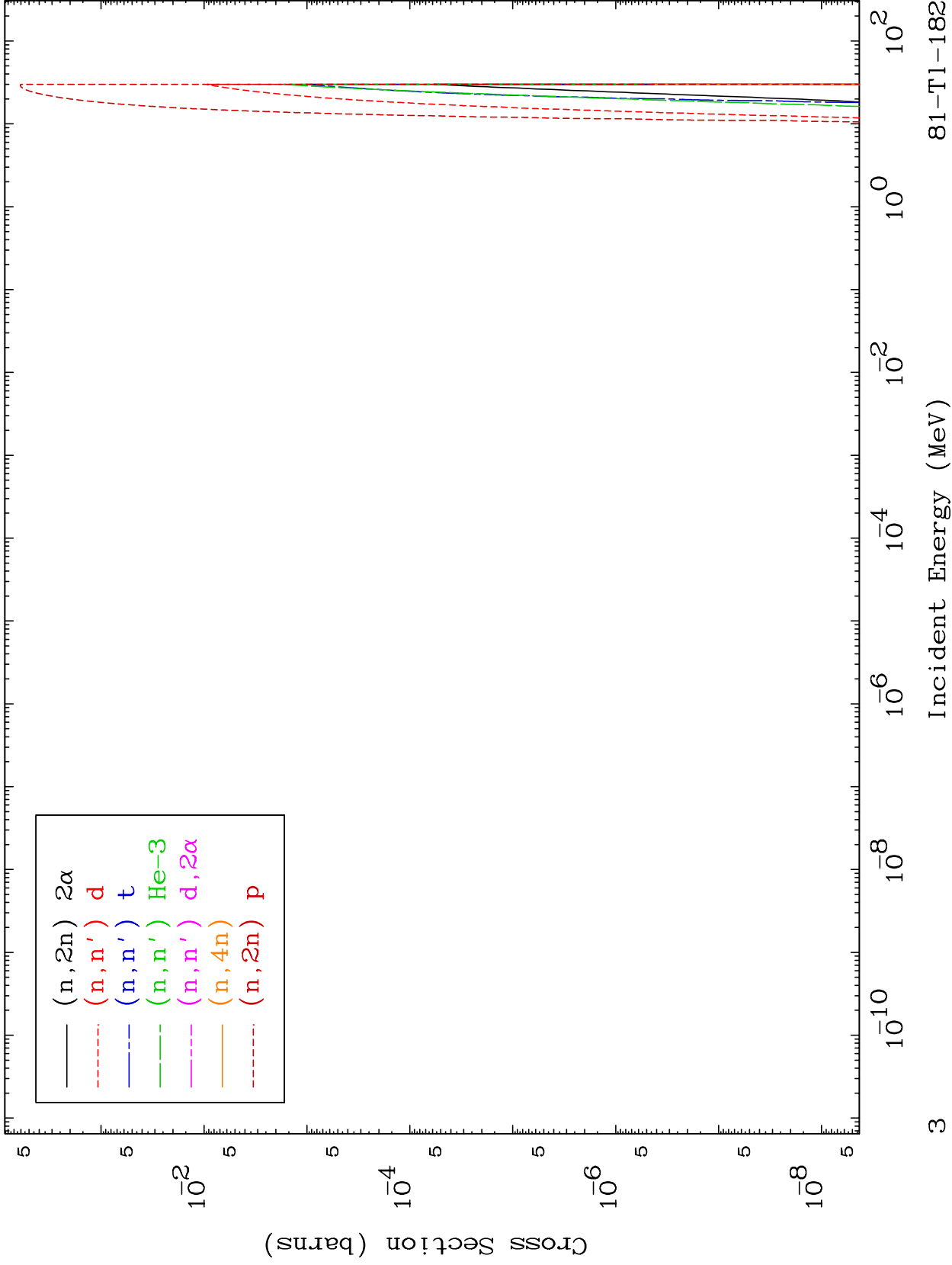
81-Tl-182



MAT 8062

Neutron Production
293 Kelvin Cross Sections

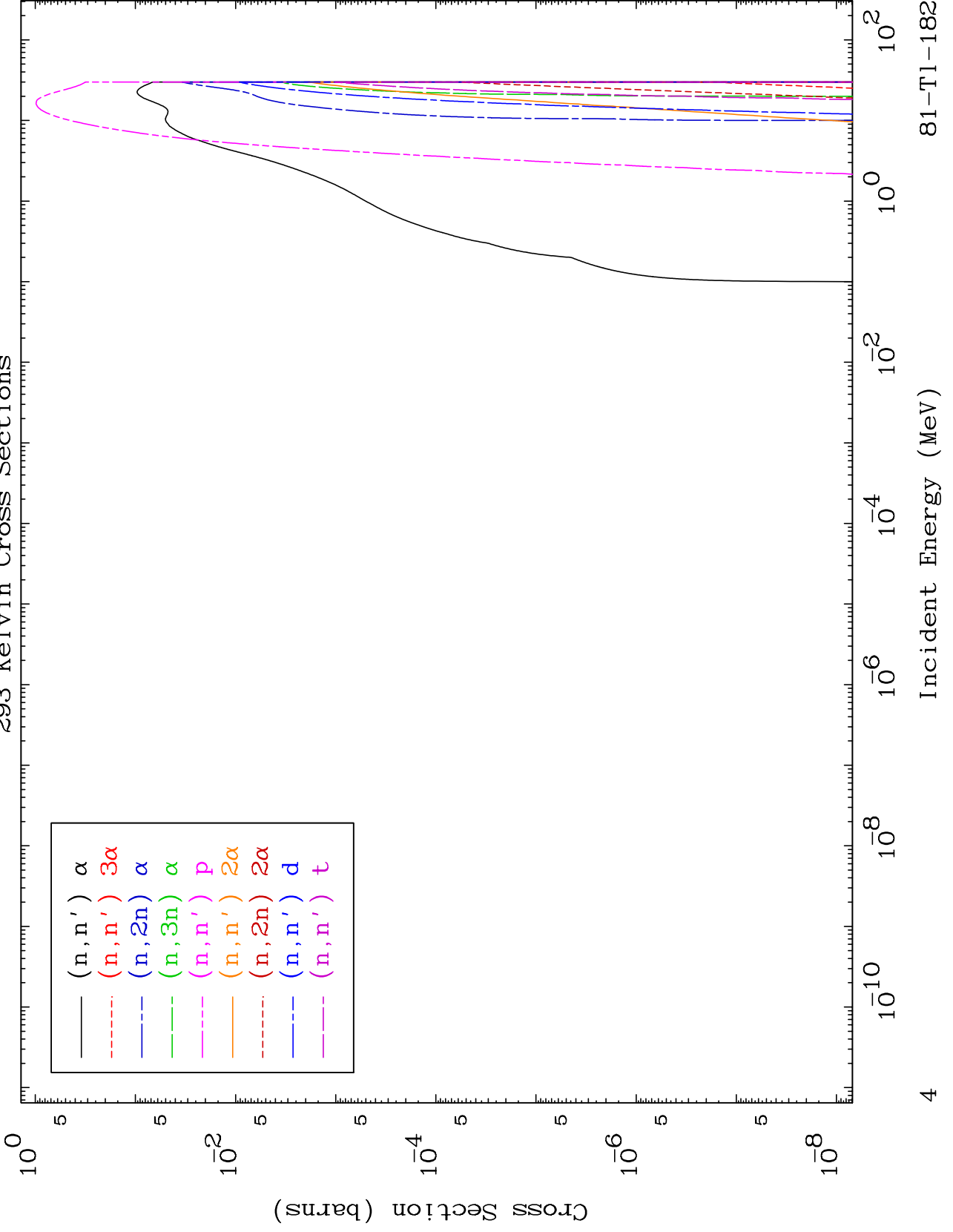
81-Tl-182

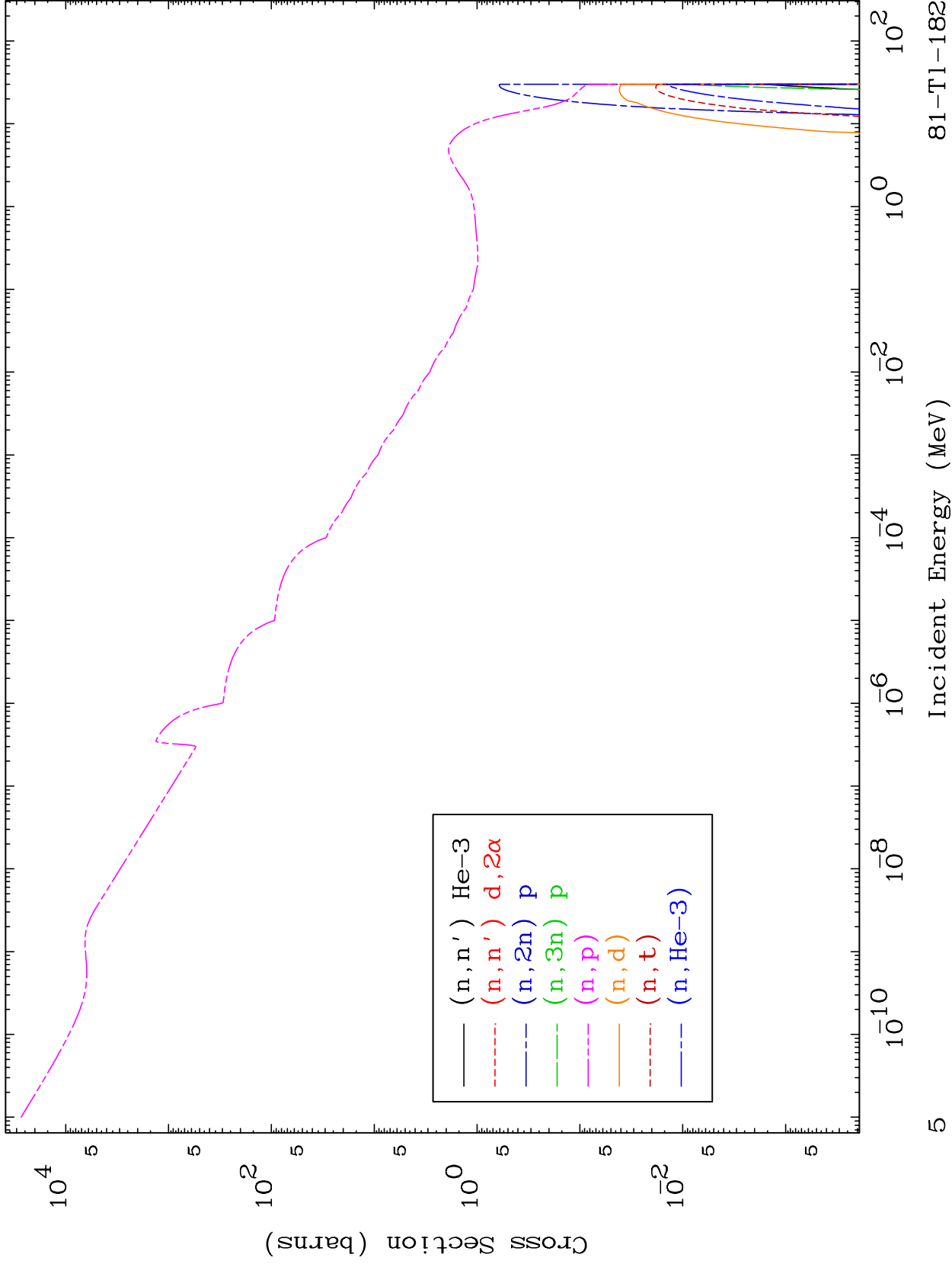


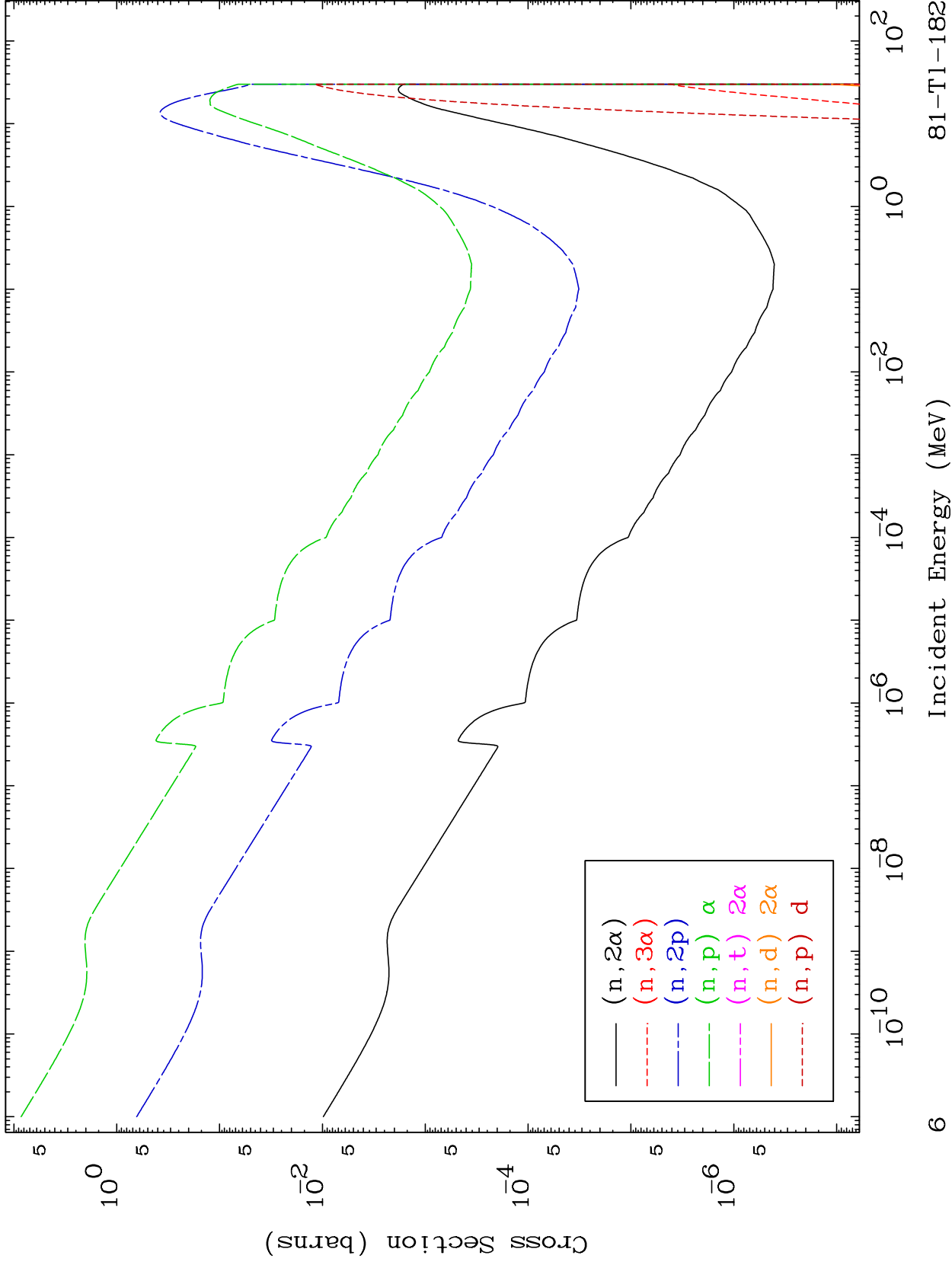
MAT 8062

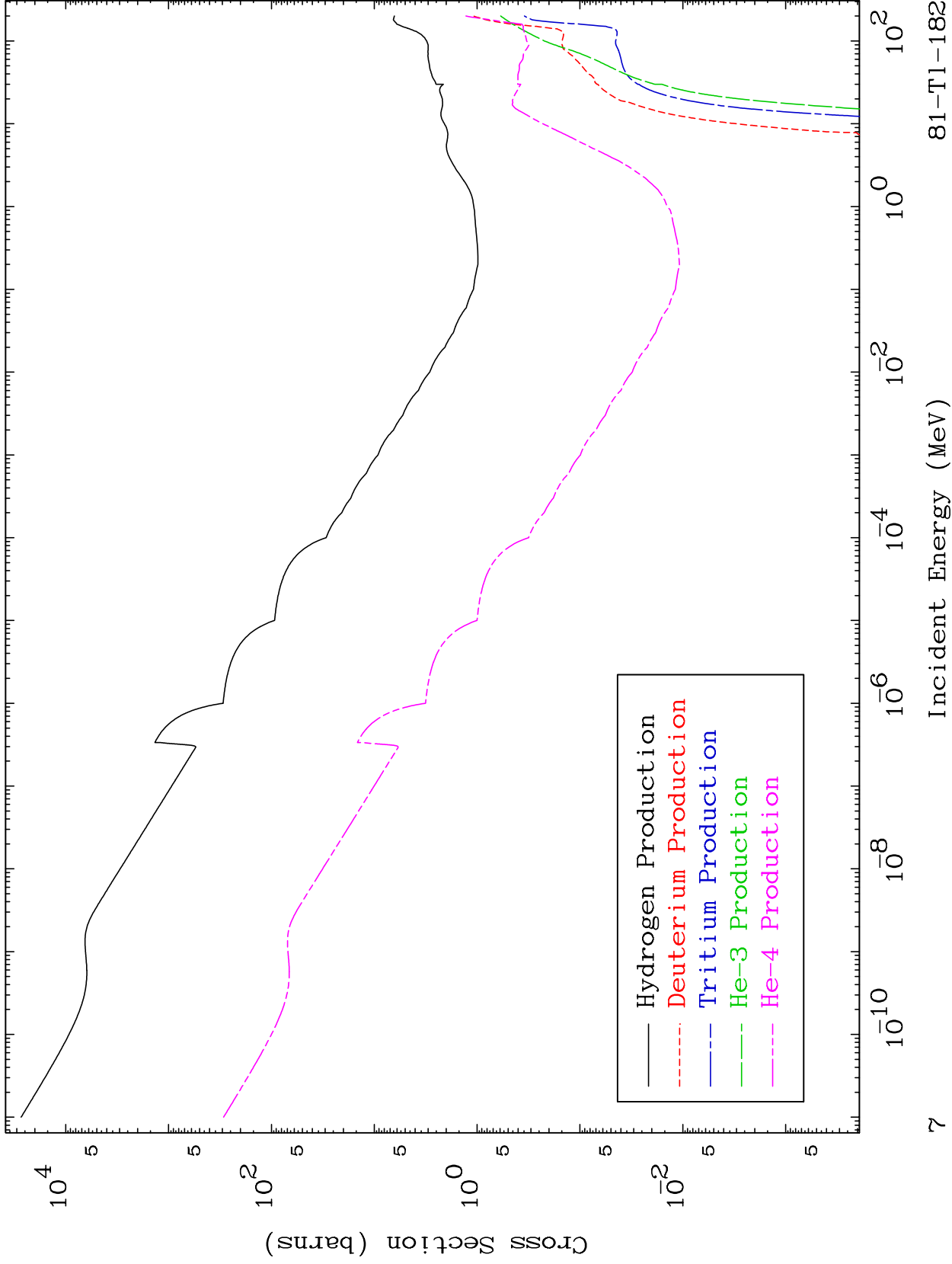
Charged Particle
293 Kelvin Cross Sections

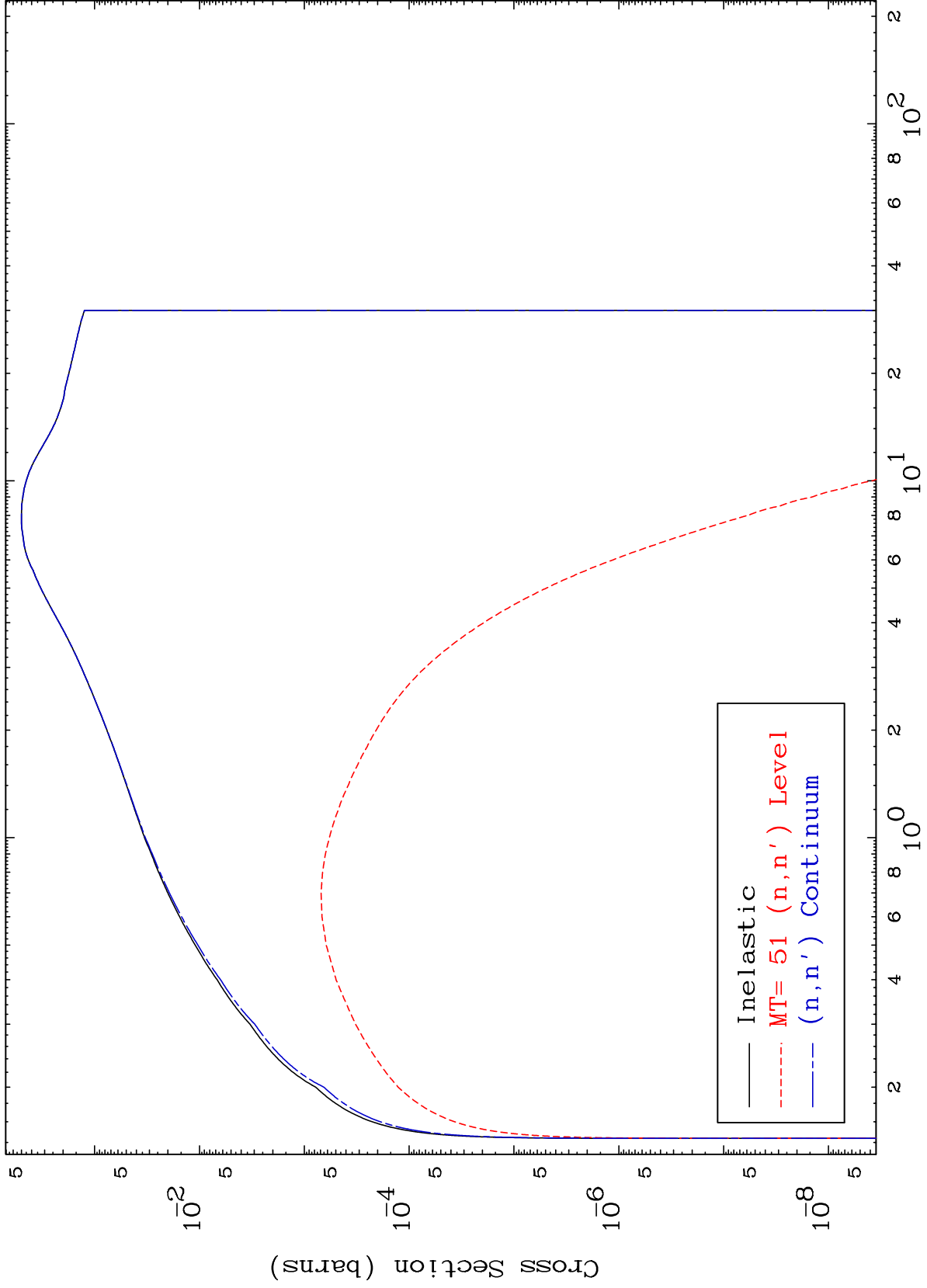
81-Tl-182







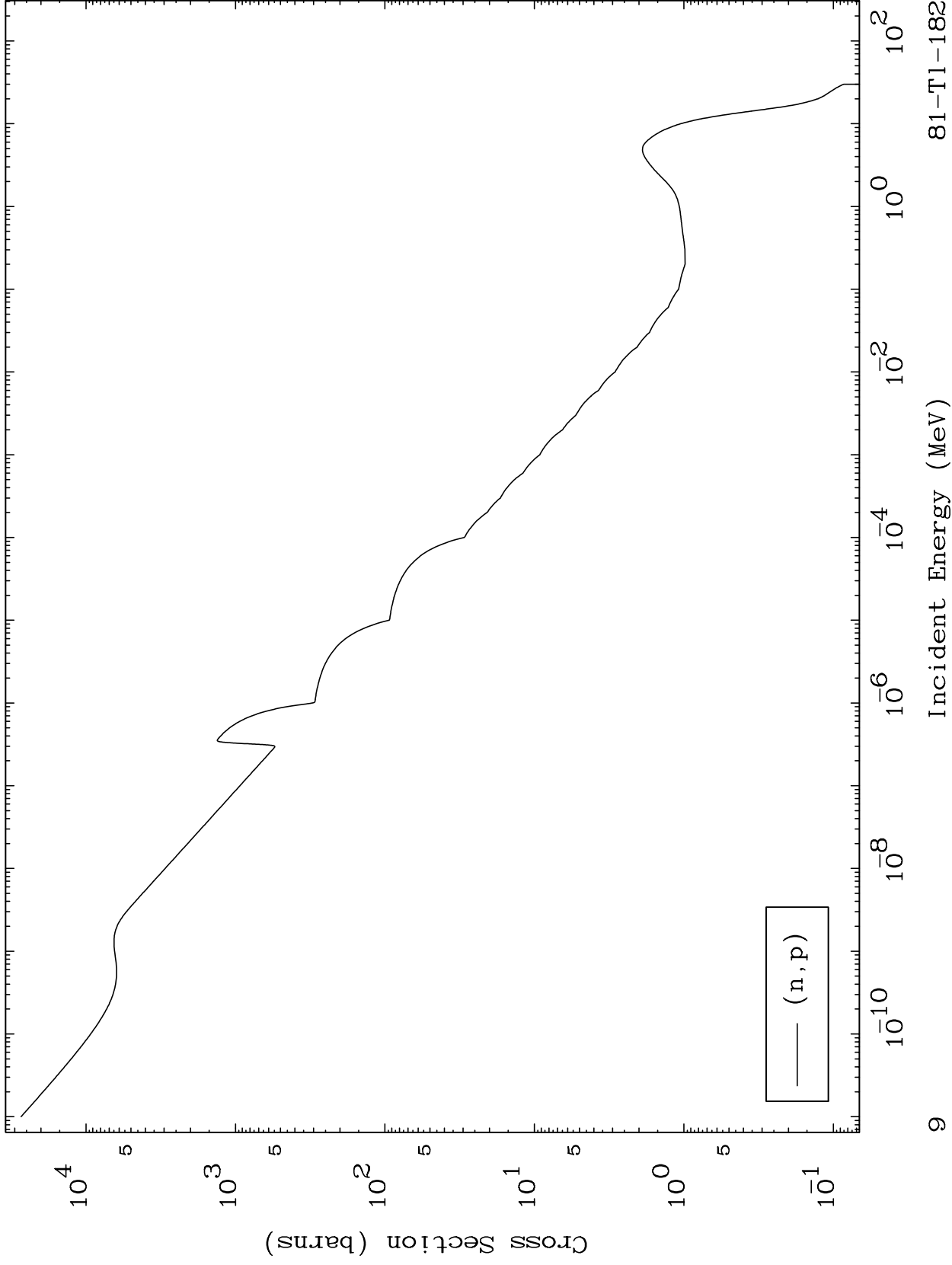




MAT 8062

(n,p) Levels
293 Kelvin Cross Sections

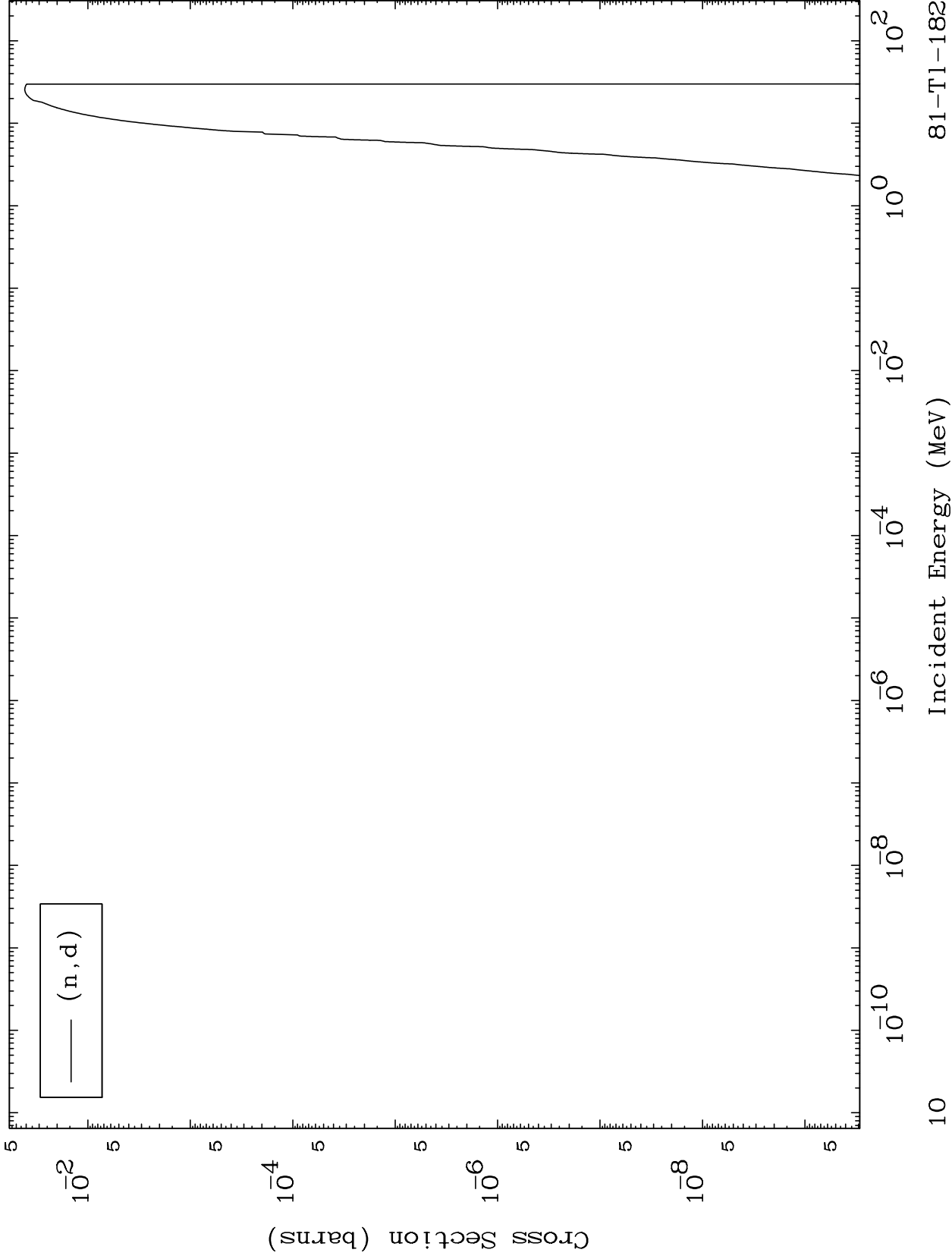
81-T1-182



MAT 8062

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-182



10

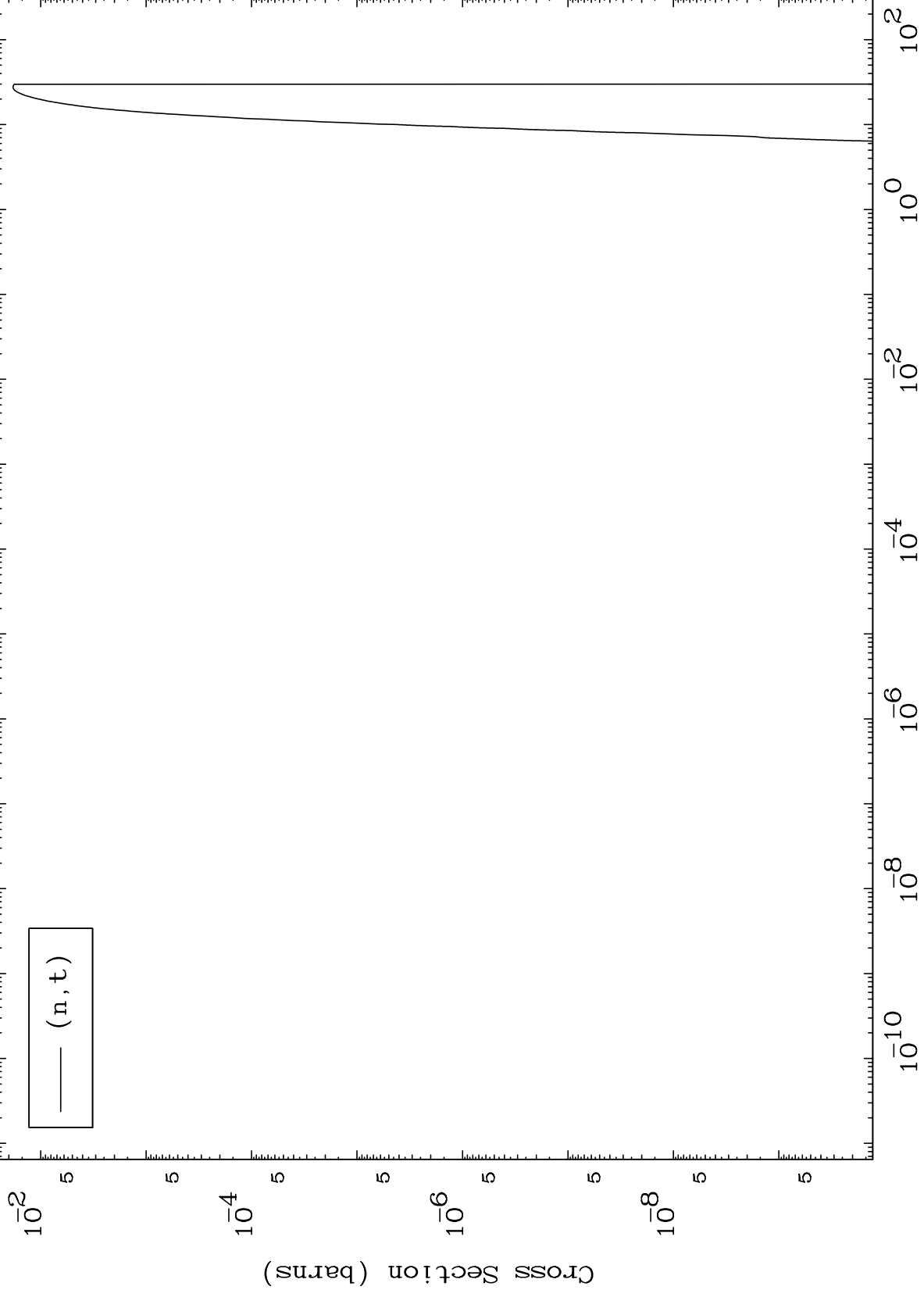
Incident Energy (MeV)

81-Tl-182

MAT 8062

(n,t) Levels
293 Kelvin Cross Sections

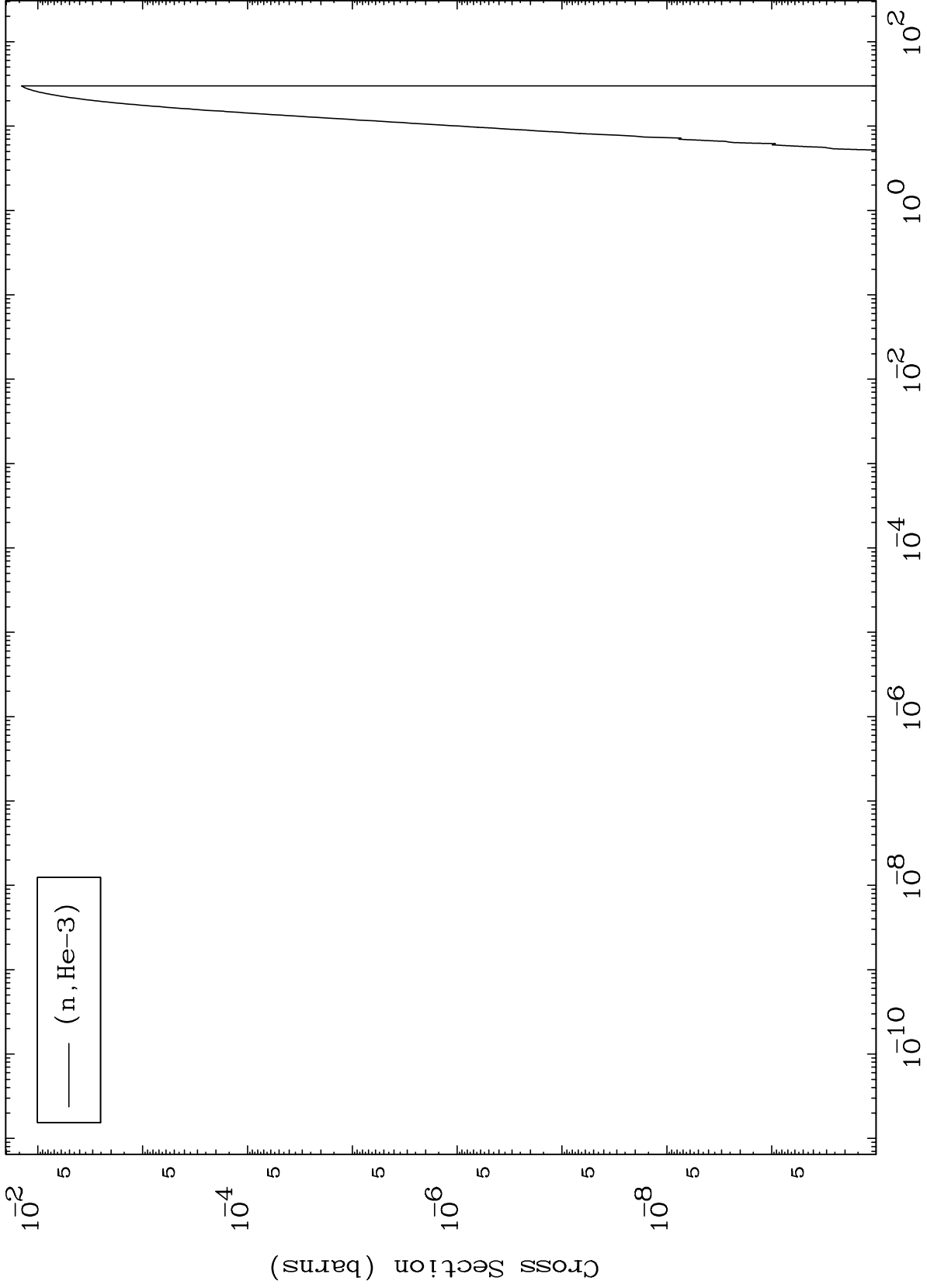
81-Tl-182



MAT 8062

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-182



12

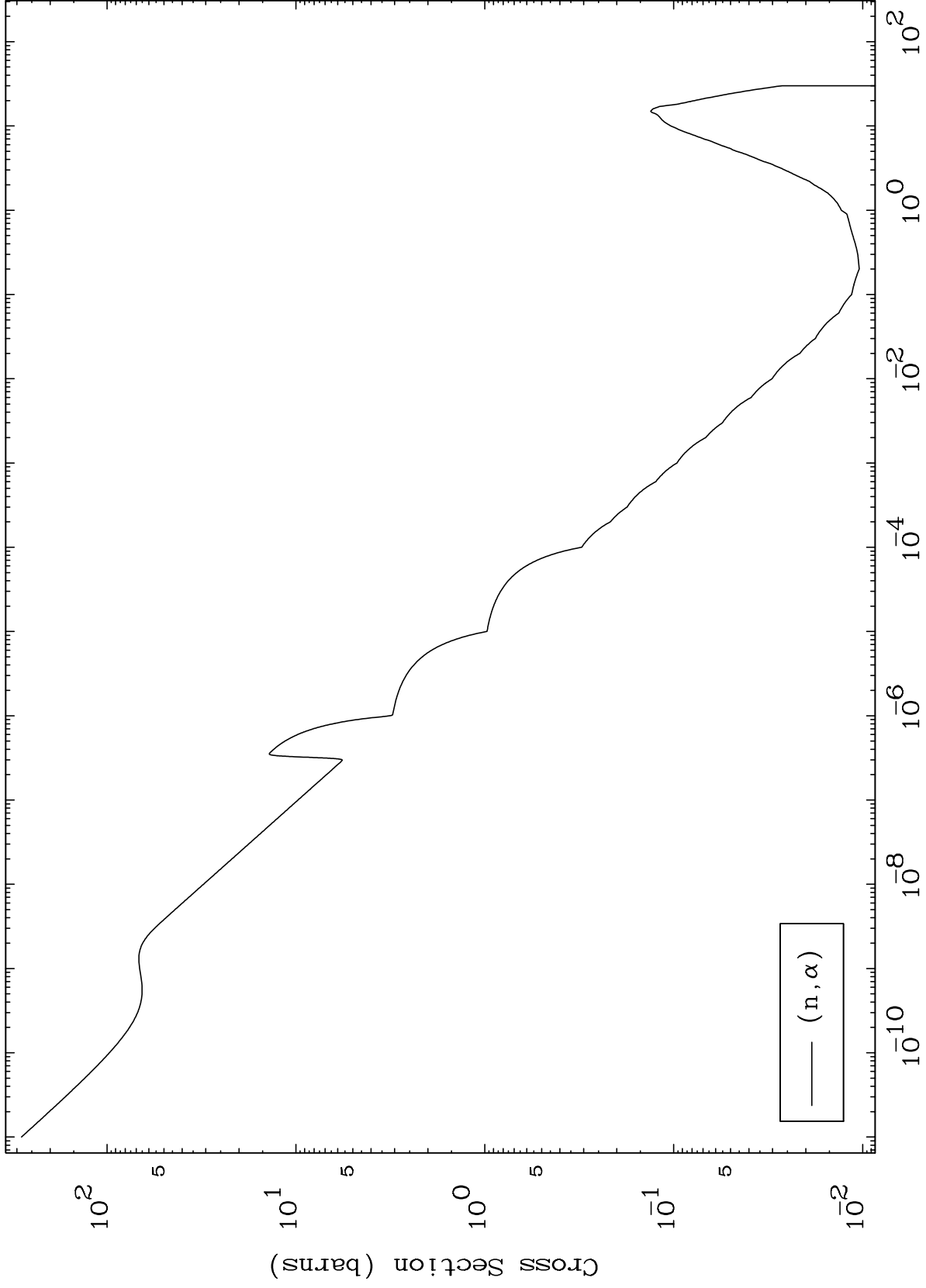
Incident Energy (MeV)

81-Tl-182

MAT 8062

(n,α) Levels
293 Kelvin Cross Sections

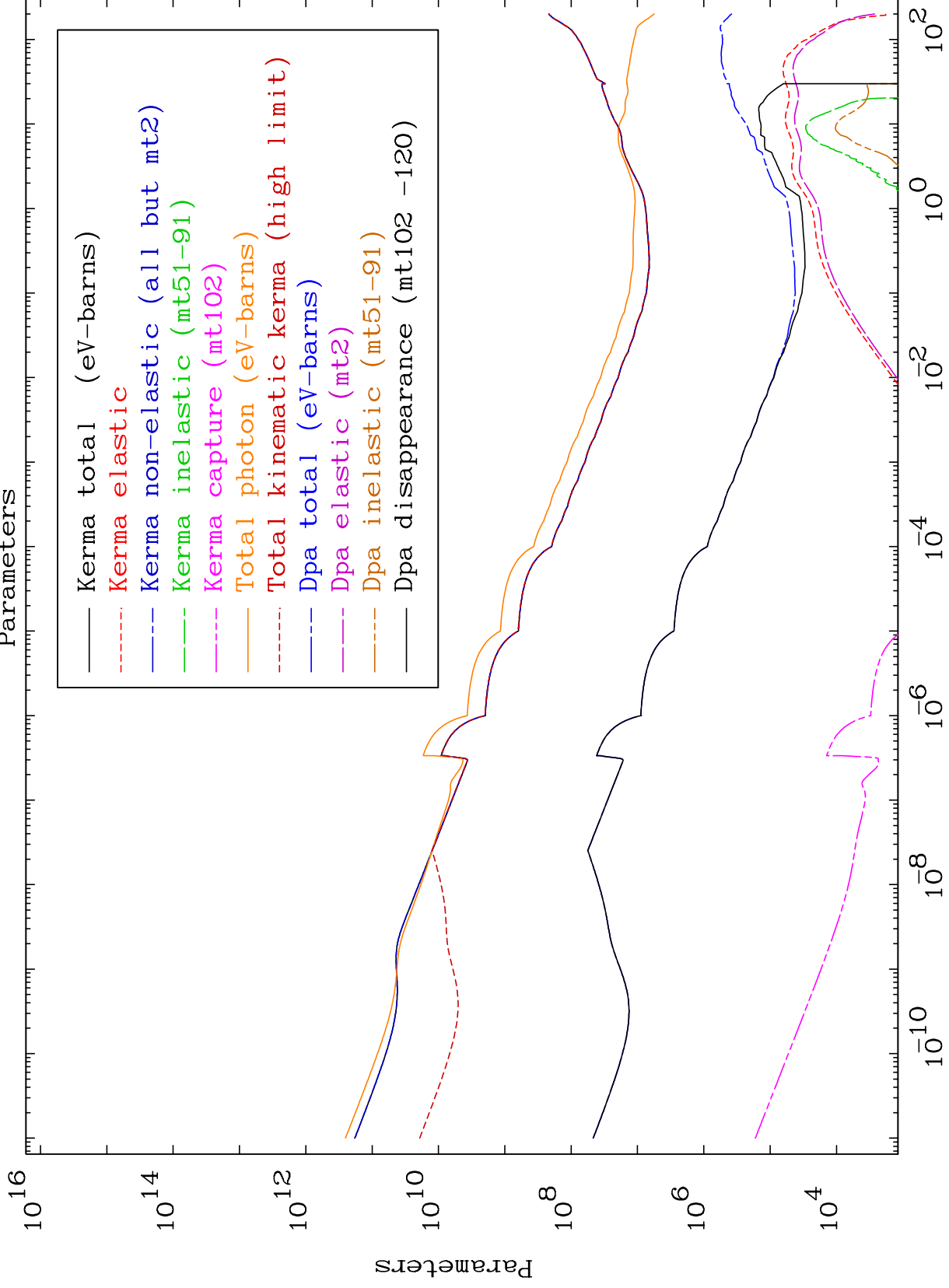
81-Tl-182



13

Incident Energy (MeV)

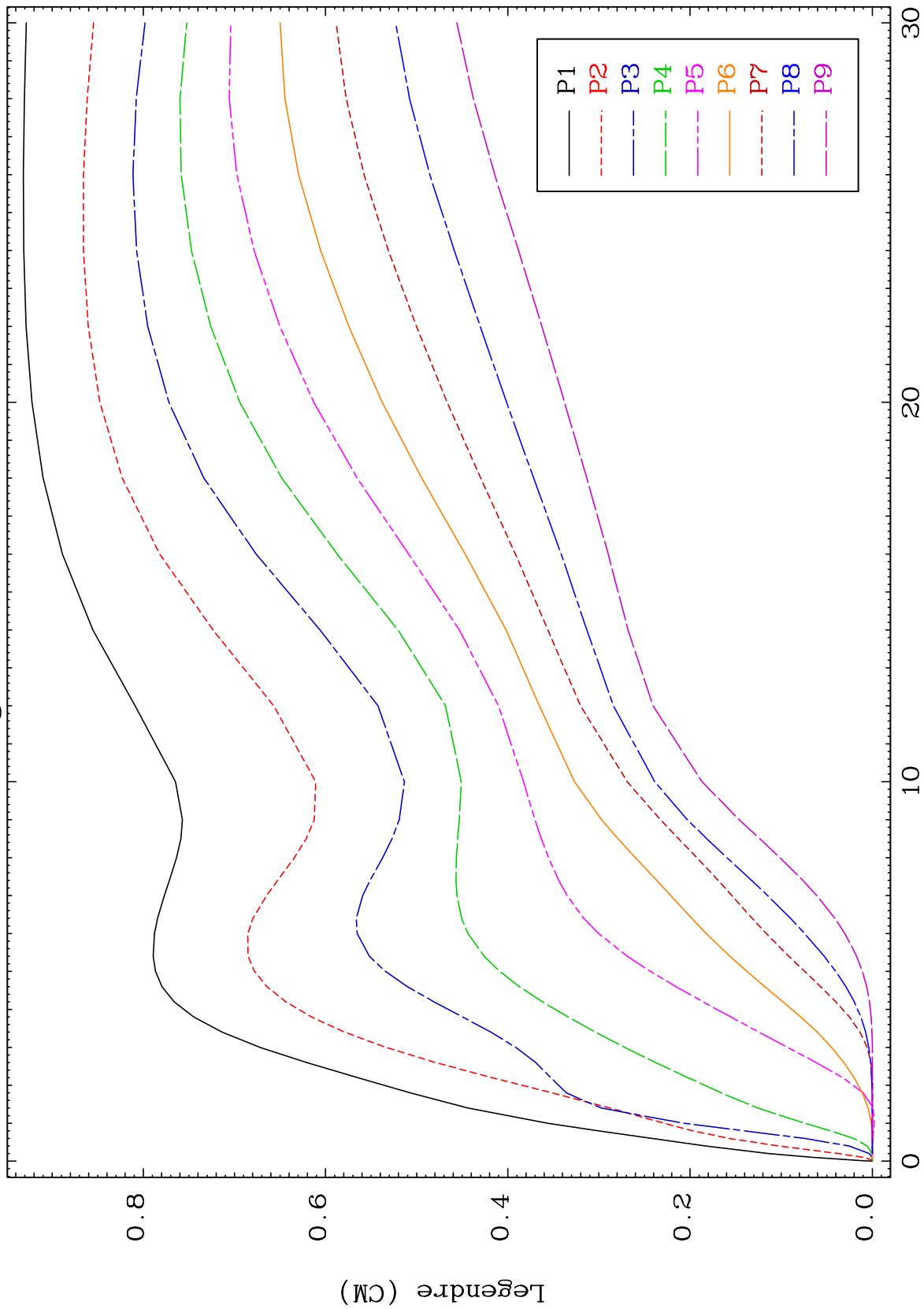
81-Tl-182



MAT 8062

Elastic Legendre Coefficients

81-Tl-182



15

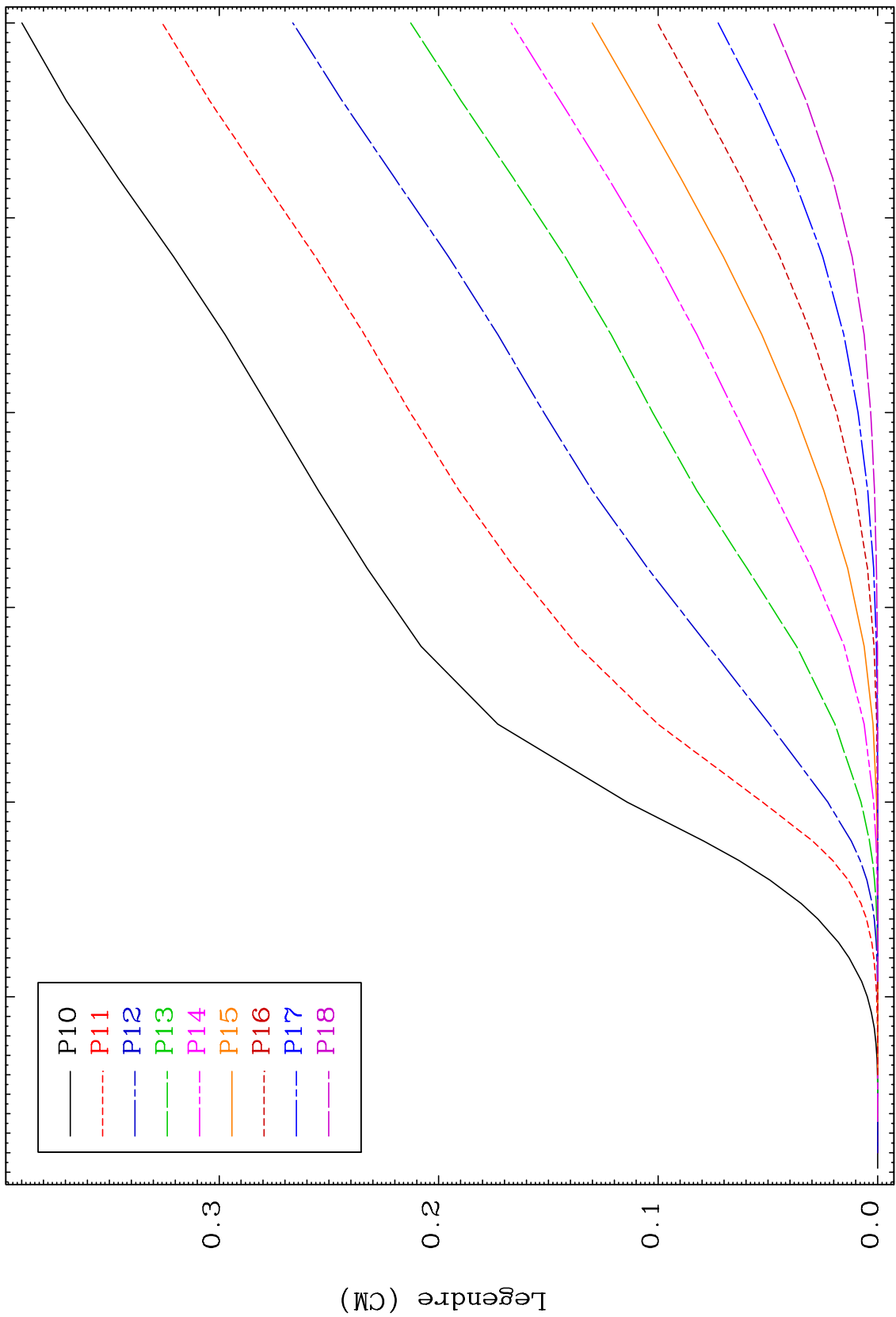
Incident Energy (MeV)

81-Tl-182

MAT 8062

Elastic Legendre Coefficients

81-T1-182



16

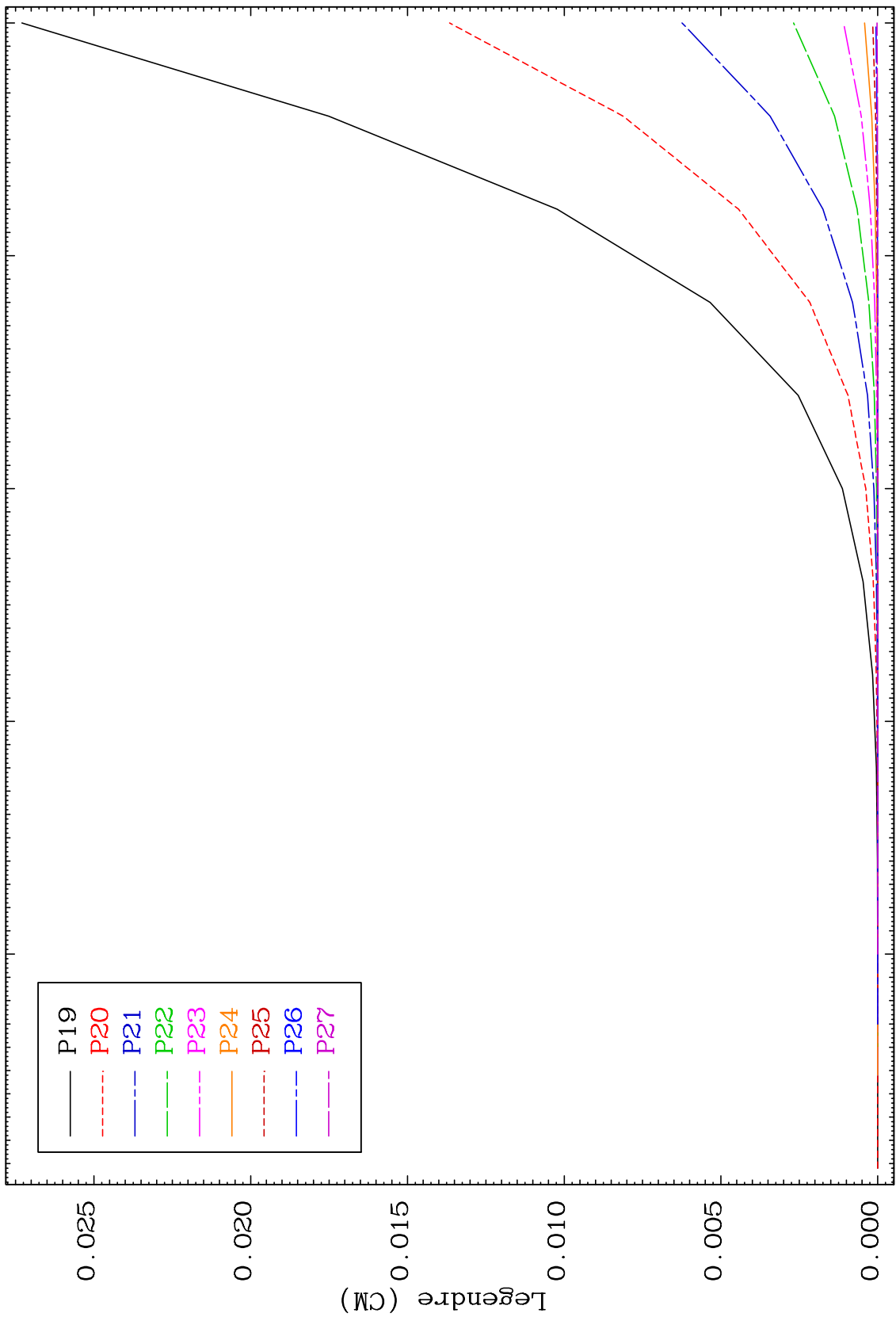
Incident Energy (MeV)

81-T1-182

MAT 8062

Elastic Legendre Coefficients

81-T1-182



17

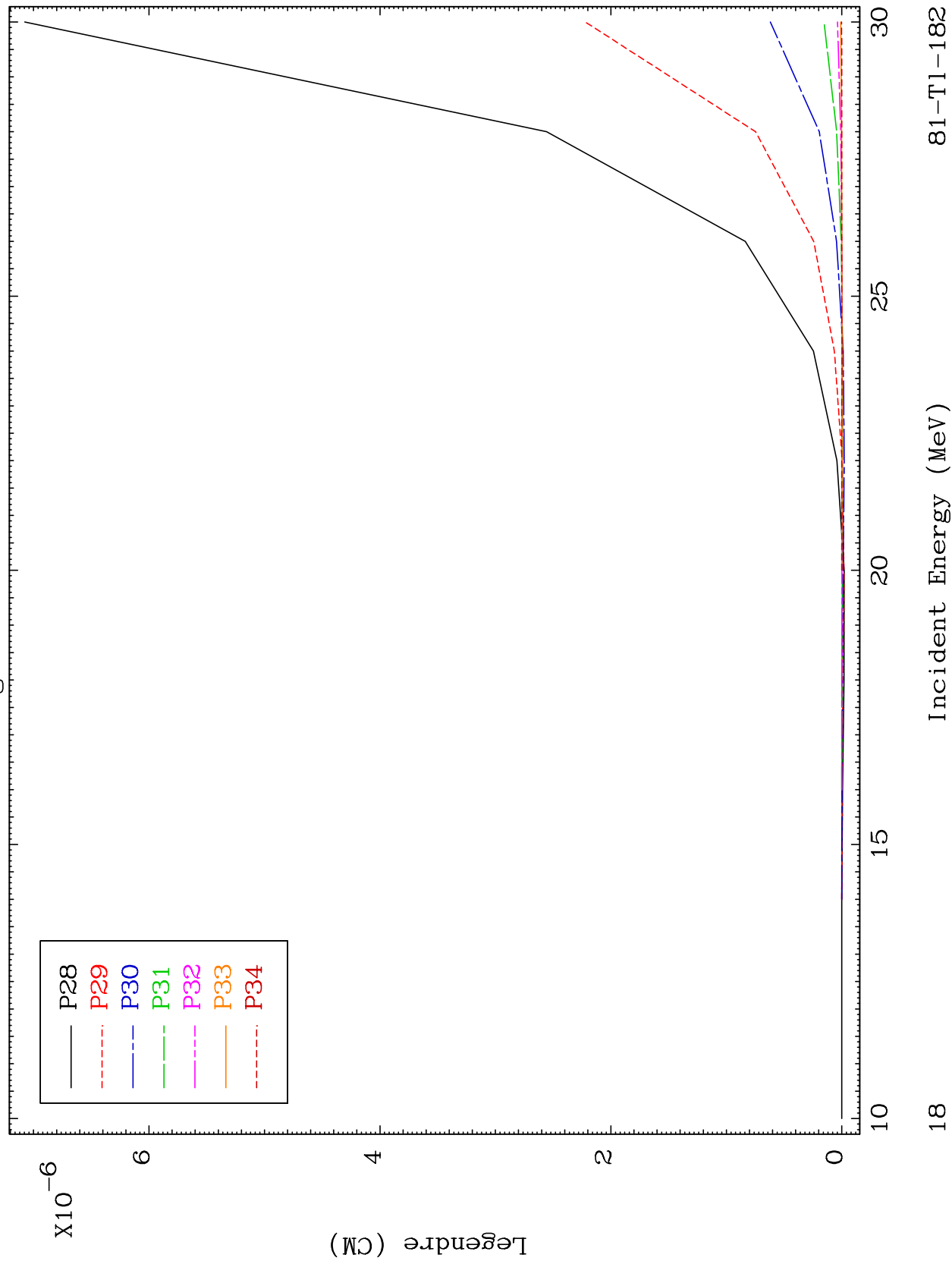
Incident Energy (MeV)

81-T1-182

MAT 8062

Elastic Legendre Coefficients

81-T1-182



18

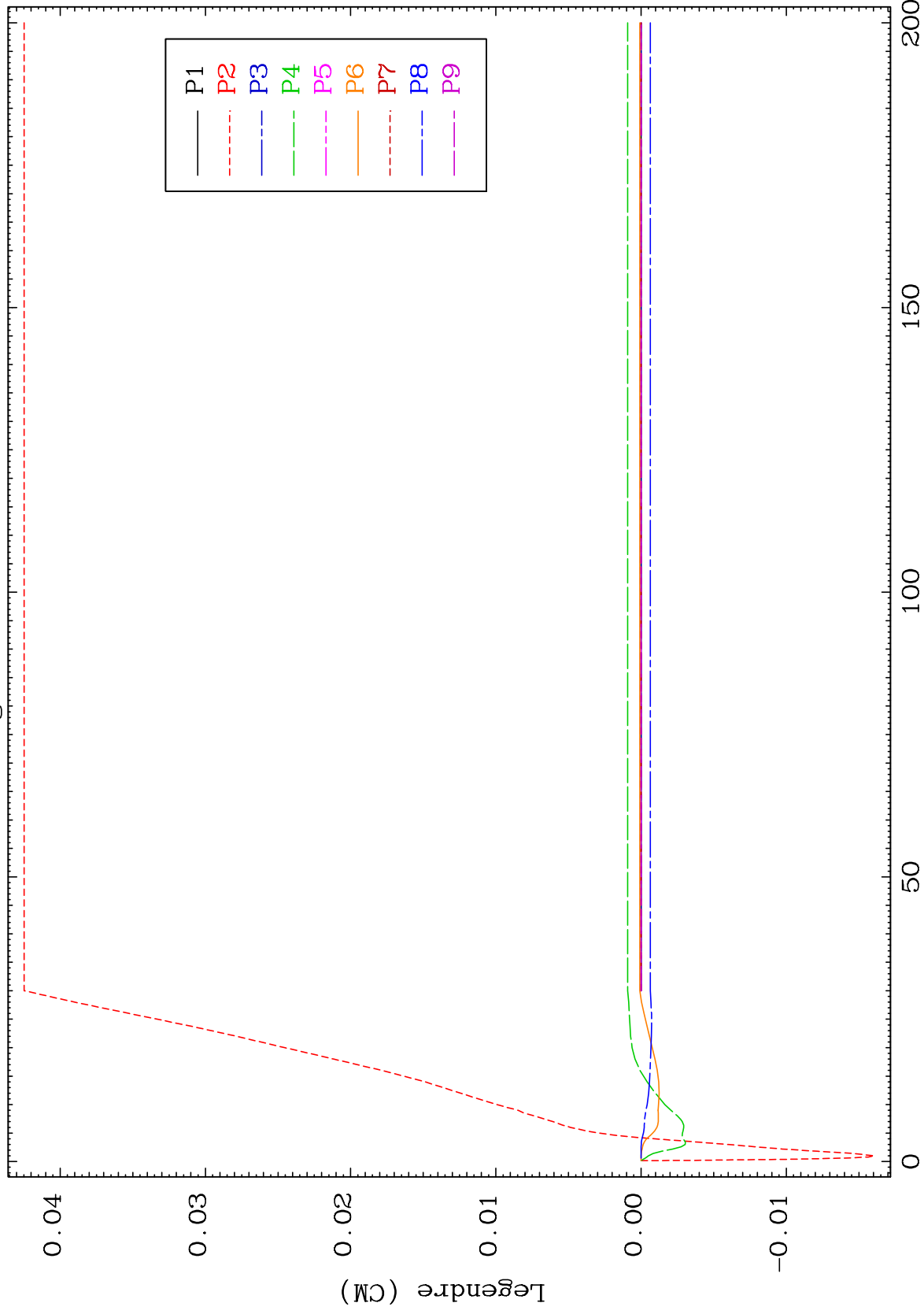
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-T1-182



19

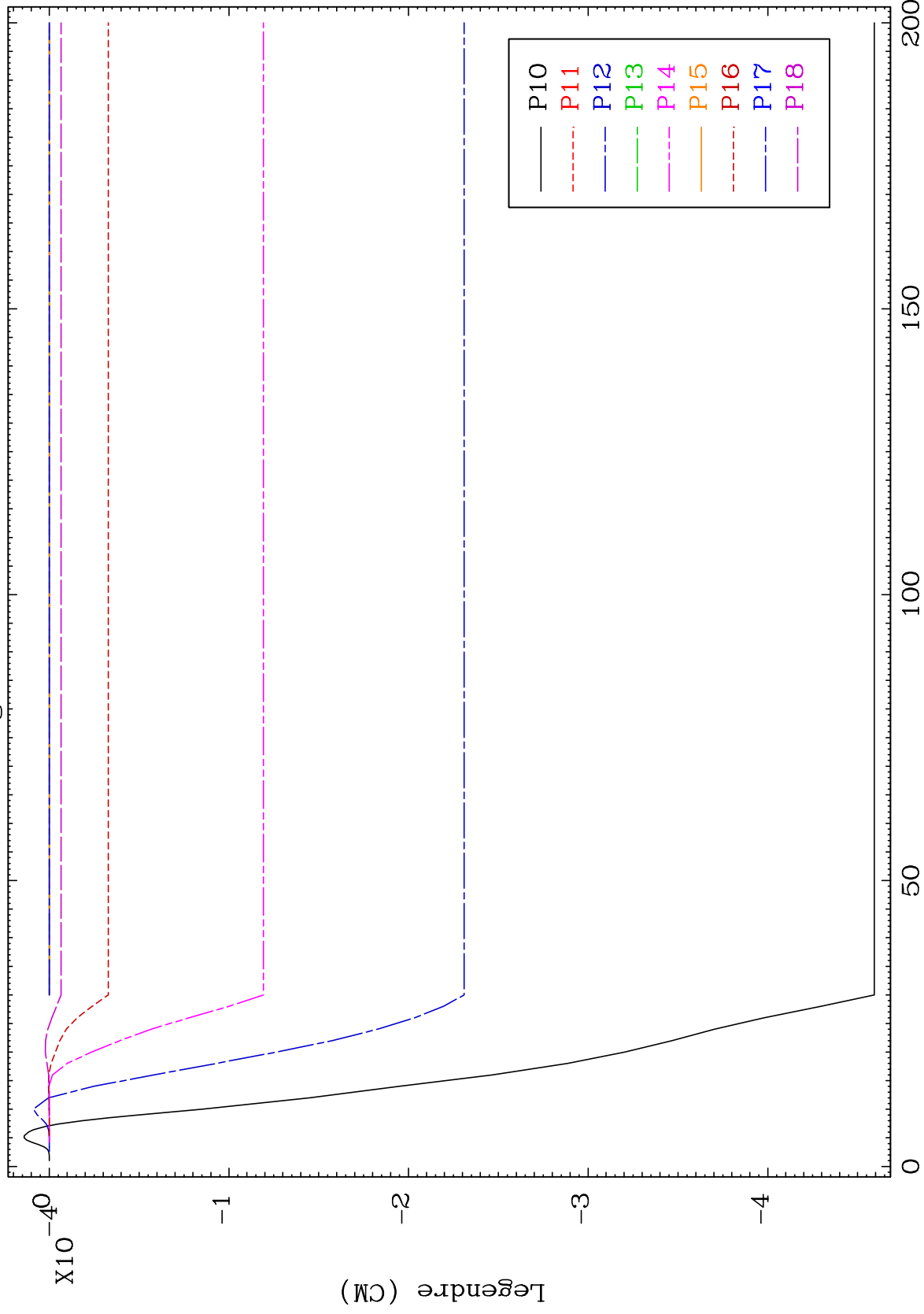
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-Tl-182



0

50

100

150

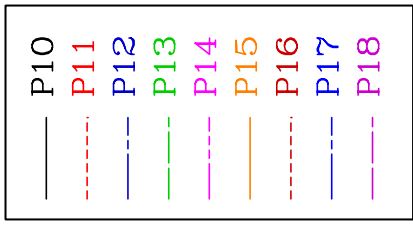
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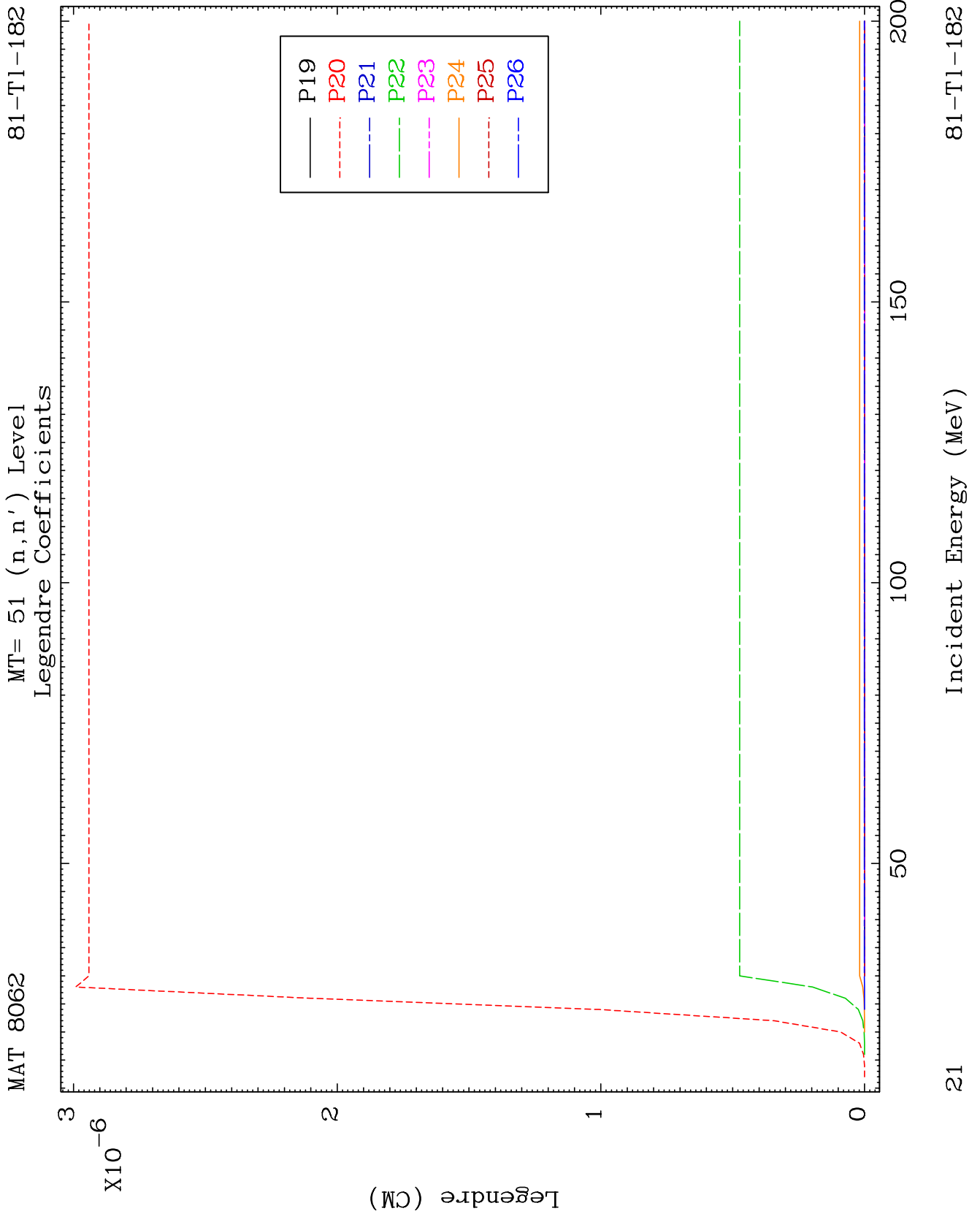
Incident Energy (MeV)

81-Tl-182

Legendre (CM)

X10⁻⁴⁰

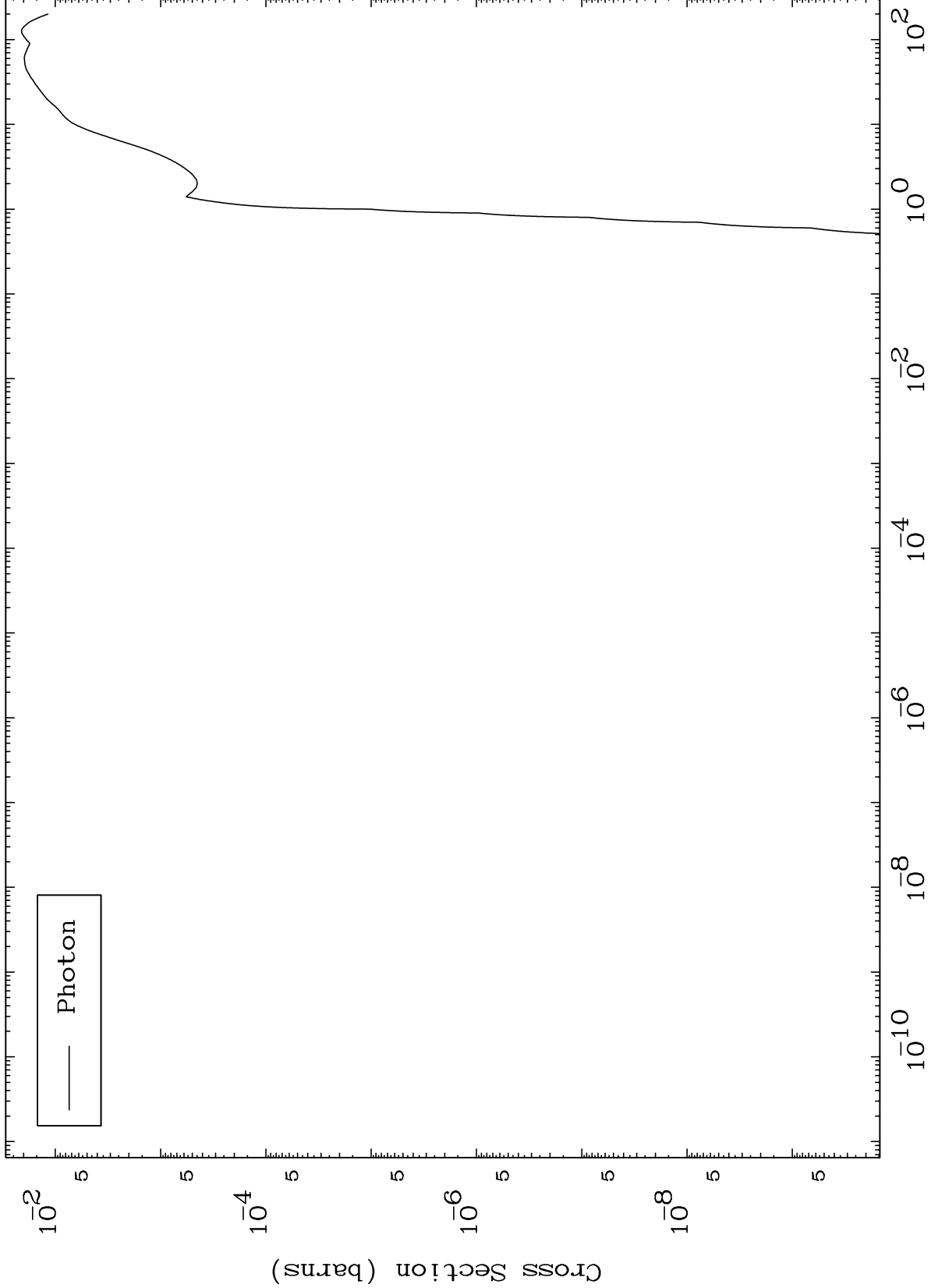




MAT 8062

Fission
Radionuclide Production Cross Section

81-Tl-182



81-Tl-182

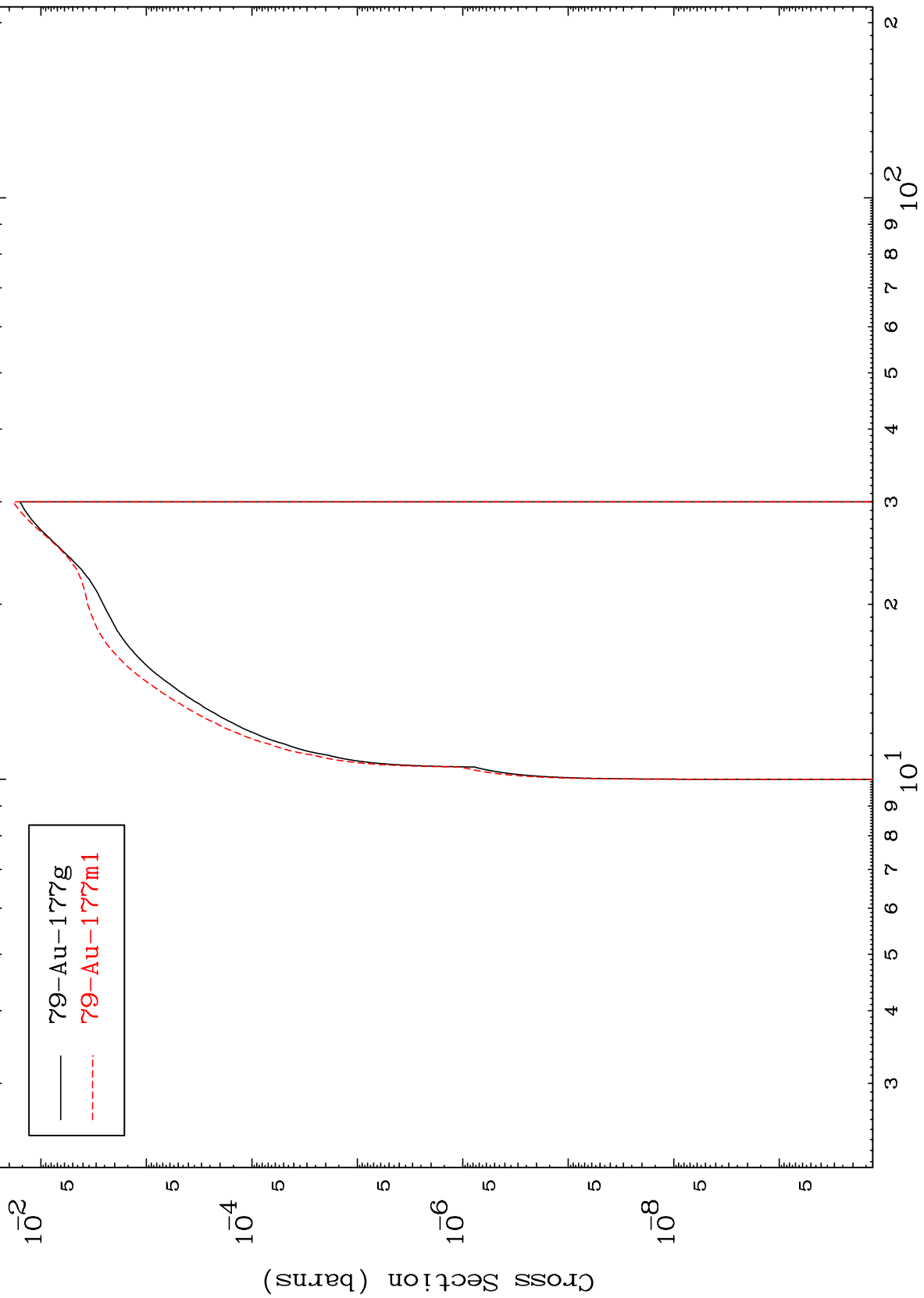
Incident Energy (MeV)

MAT 8062

(n,2n) α

81-Tl-182

Radionuclide Production Cross Section

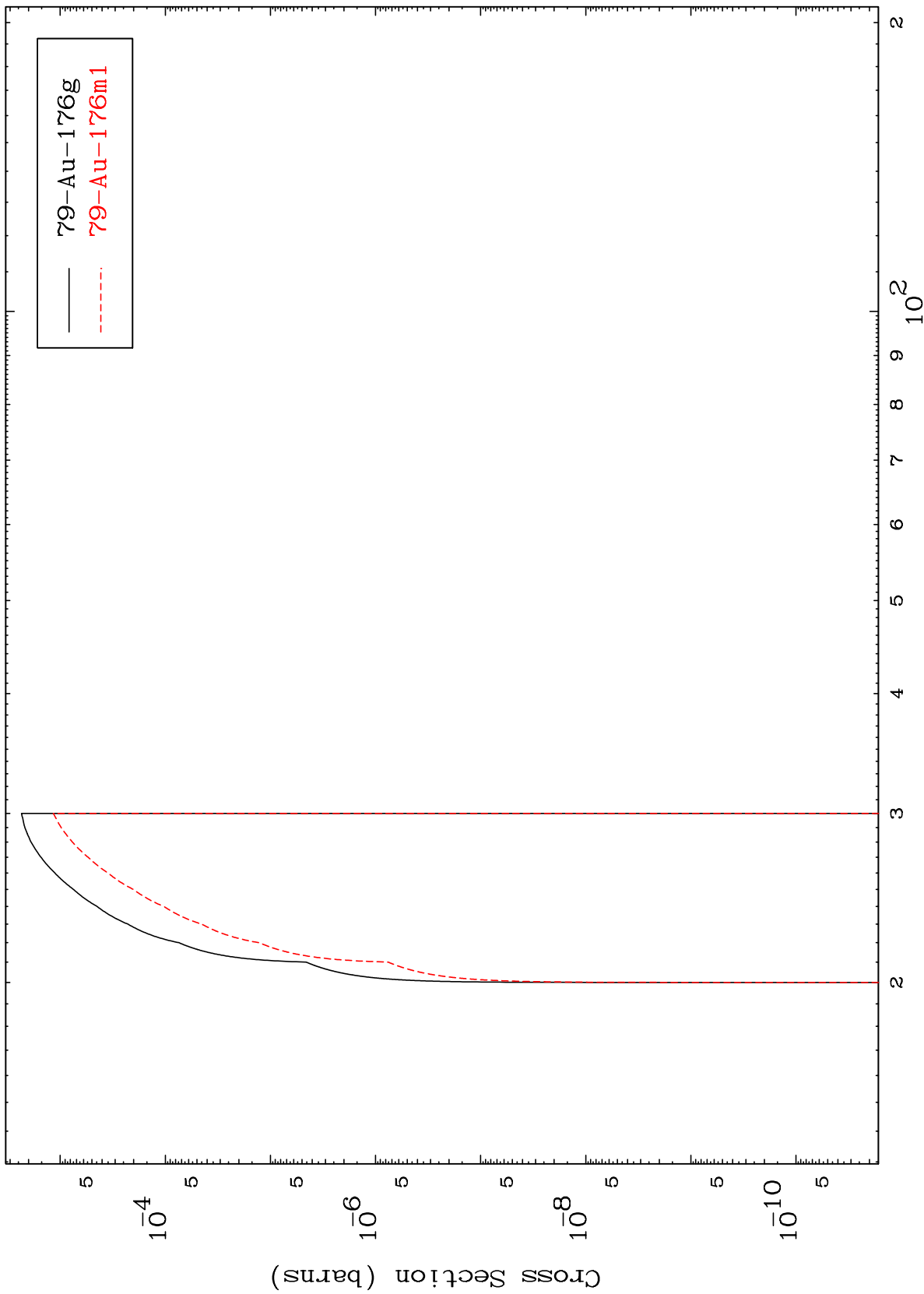


MAT 8062

(n,3n) α

81-Tl-182

Radionuclide Production Cross Section



24

Incident Energy (MeV)

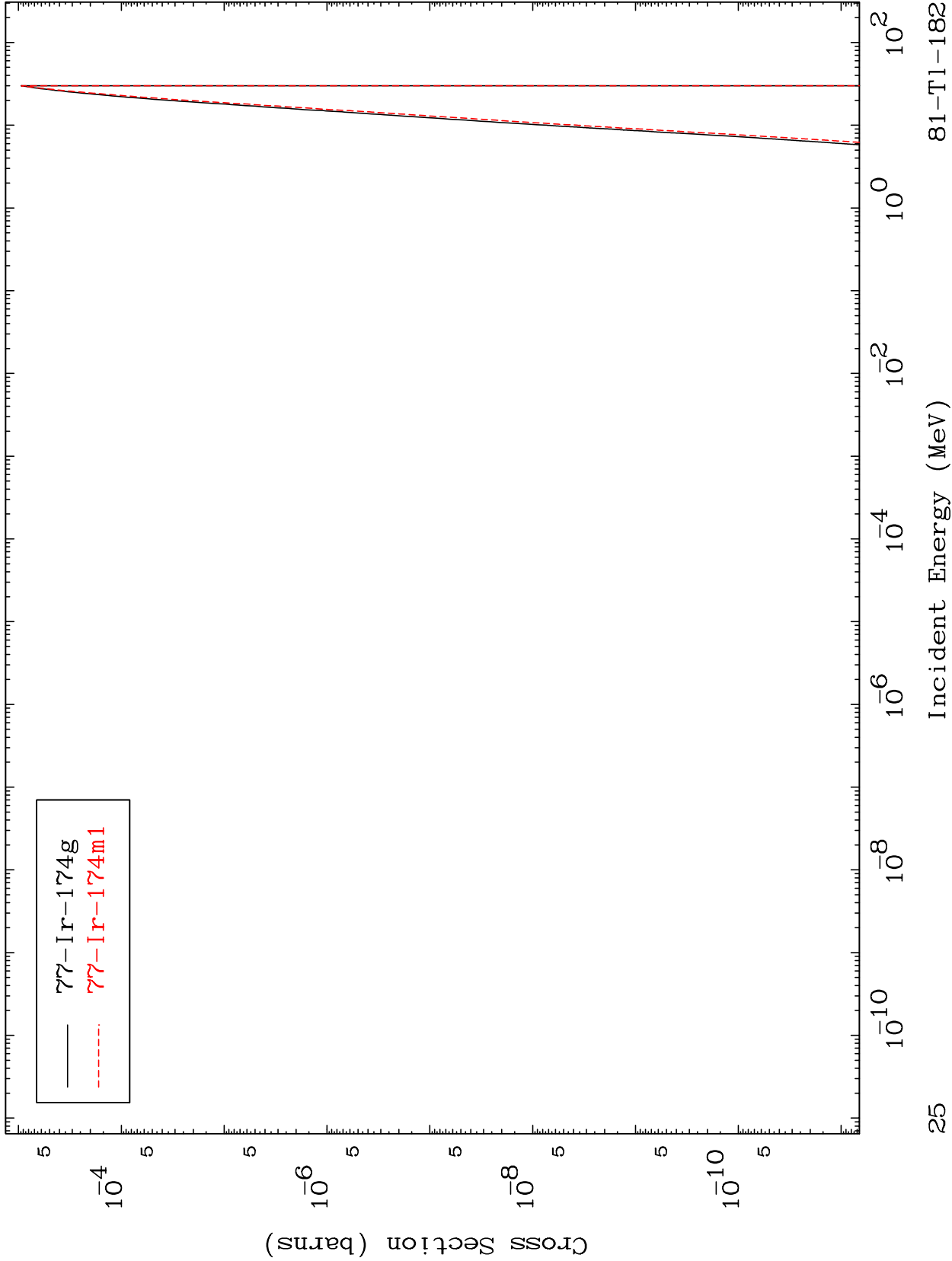
81-Tl-182

MAT 8062

(n,n') 2α

81-Tl-182

Radionuclide Production Cross Section



MAT 8062

(n,2n) 2 α

81-Tl-182

Radionuclide Production Cross Section

