

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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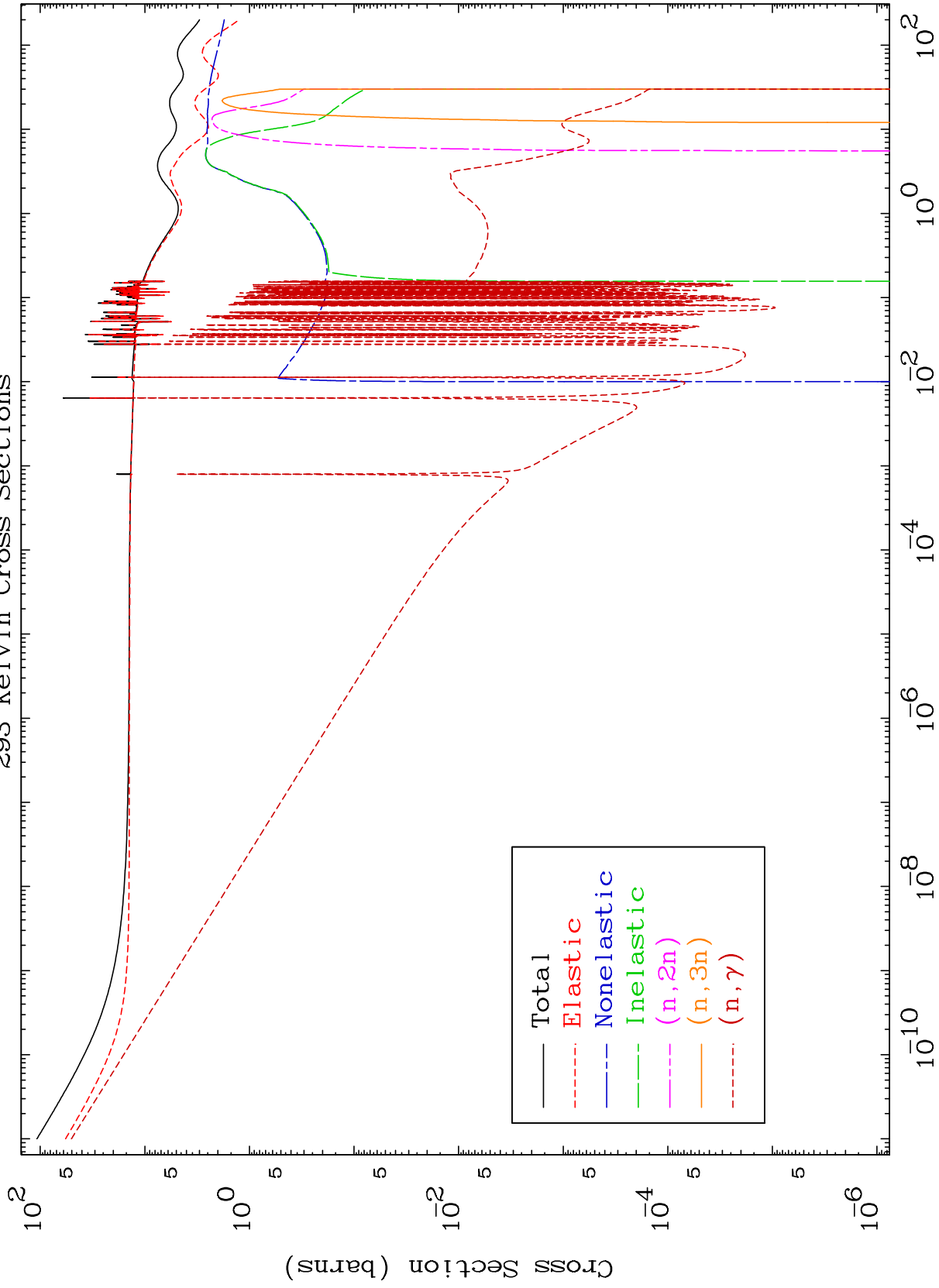
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8138

Neutron Major  
293 Kelvin Cross Sections

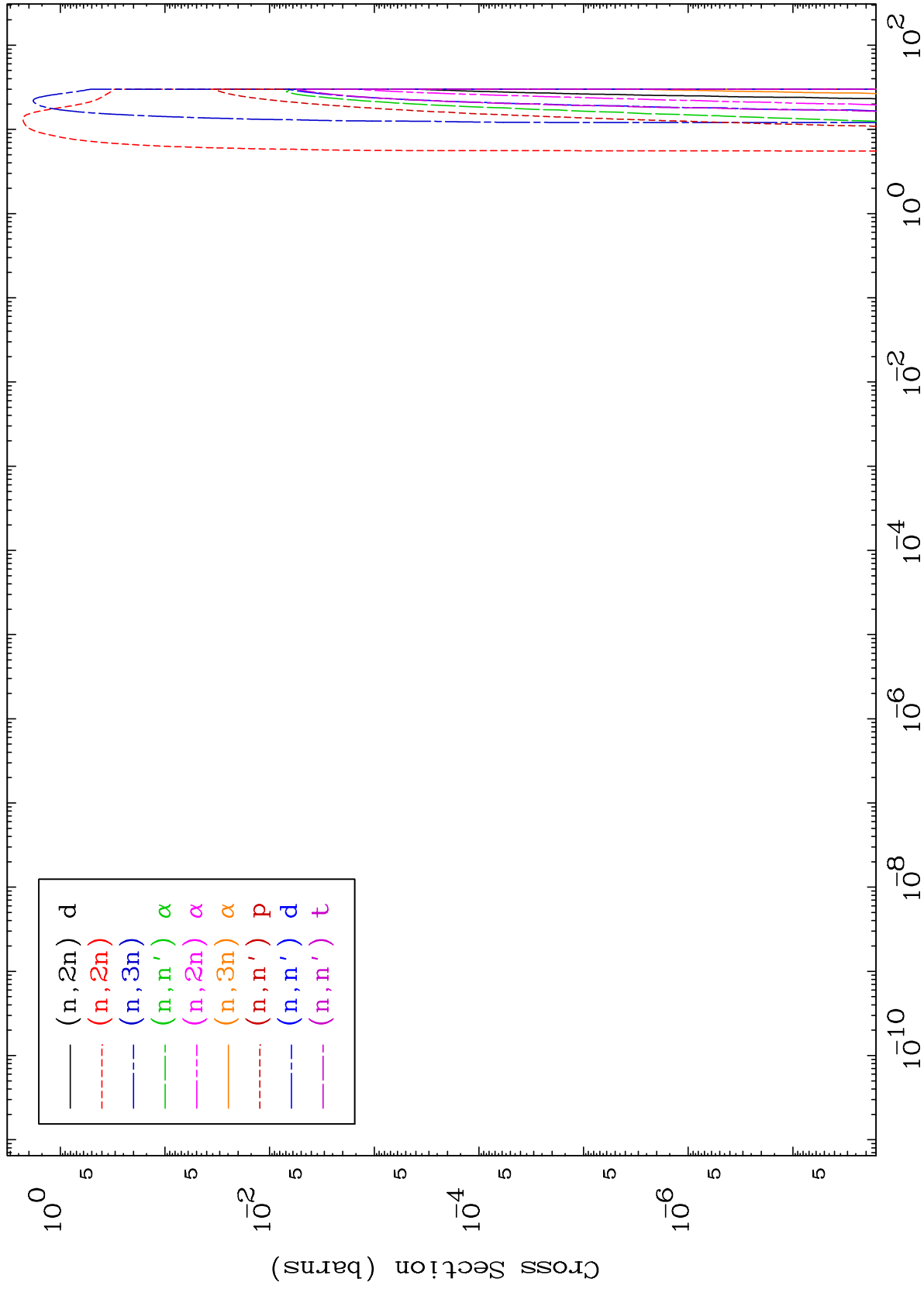
81-T1-207m



MAT 8138

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-207m



2

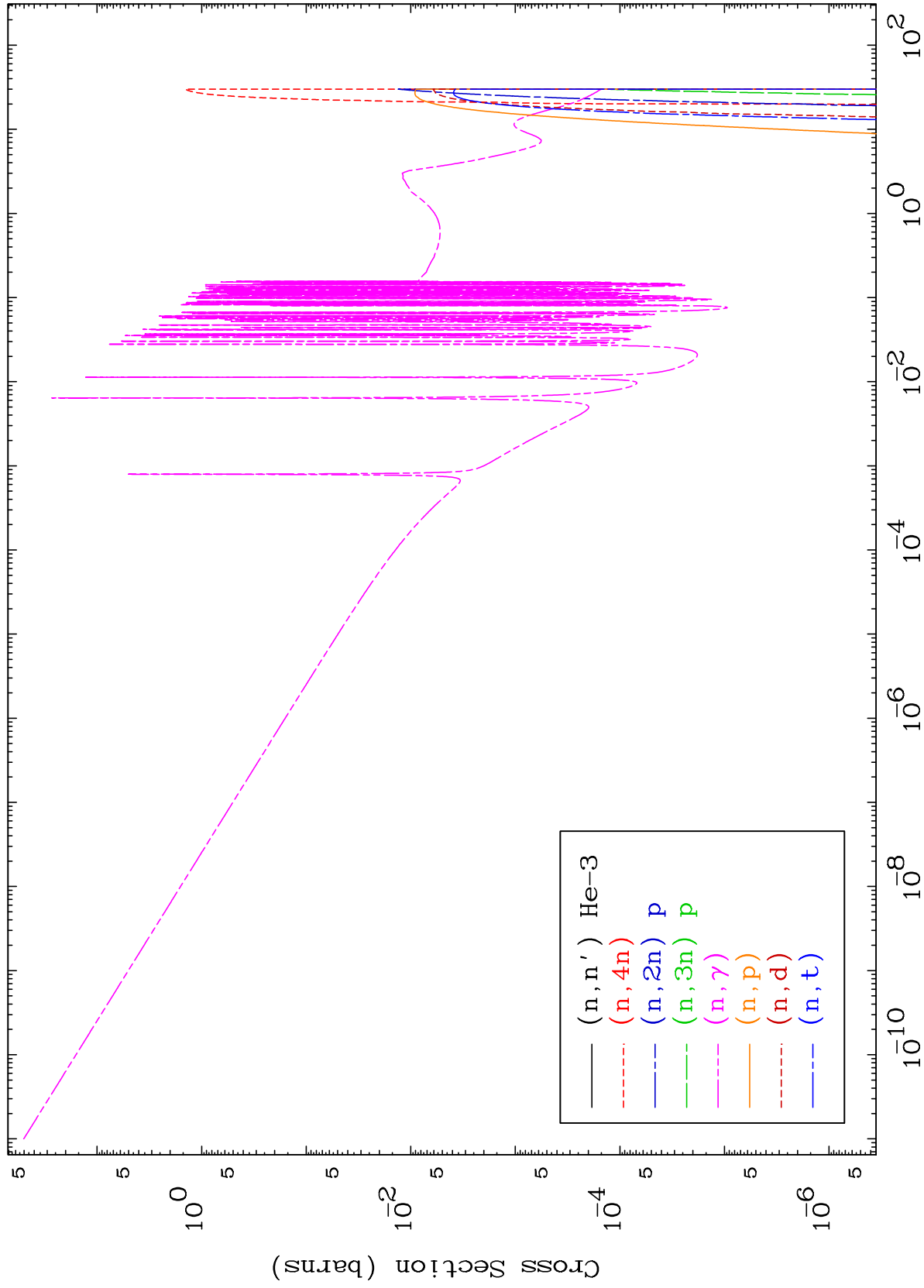
Incident Energy (MeV)

81-Tl-207m

MAT 8138

Neutron Absorption  
293 Kelvin Cross Sections

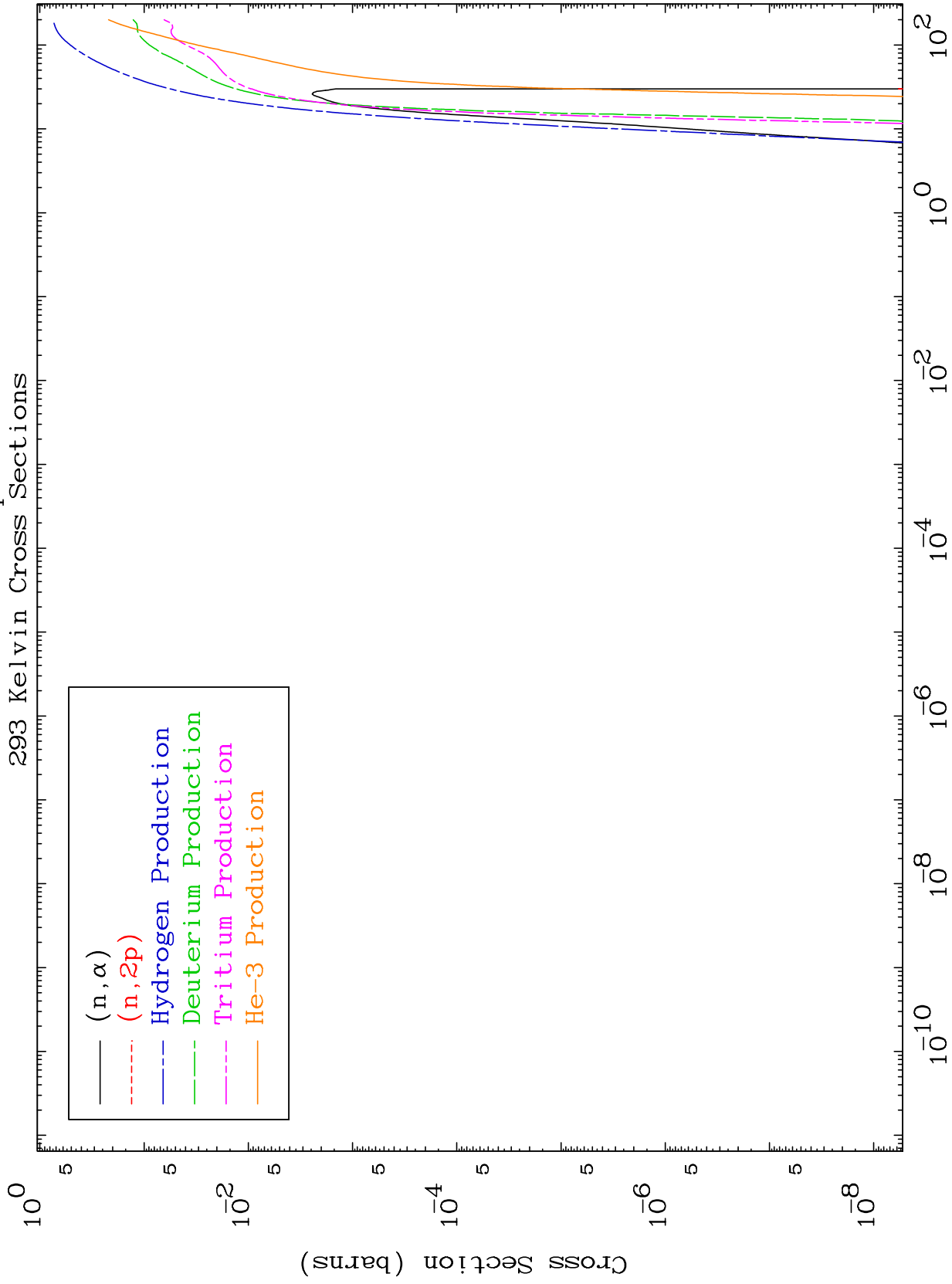
81-Tl-207m



MAT 8138

Neutron Absorption  
293 Kelvin Cross Sections

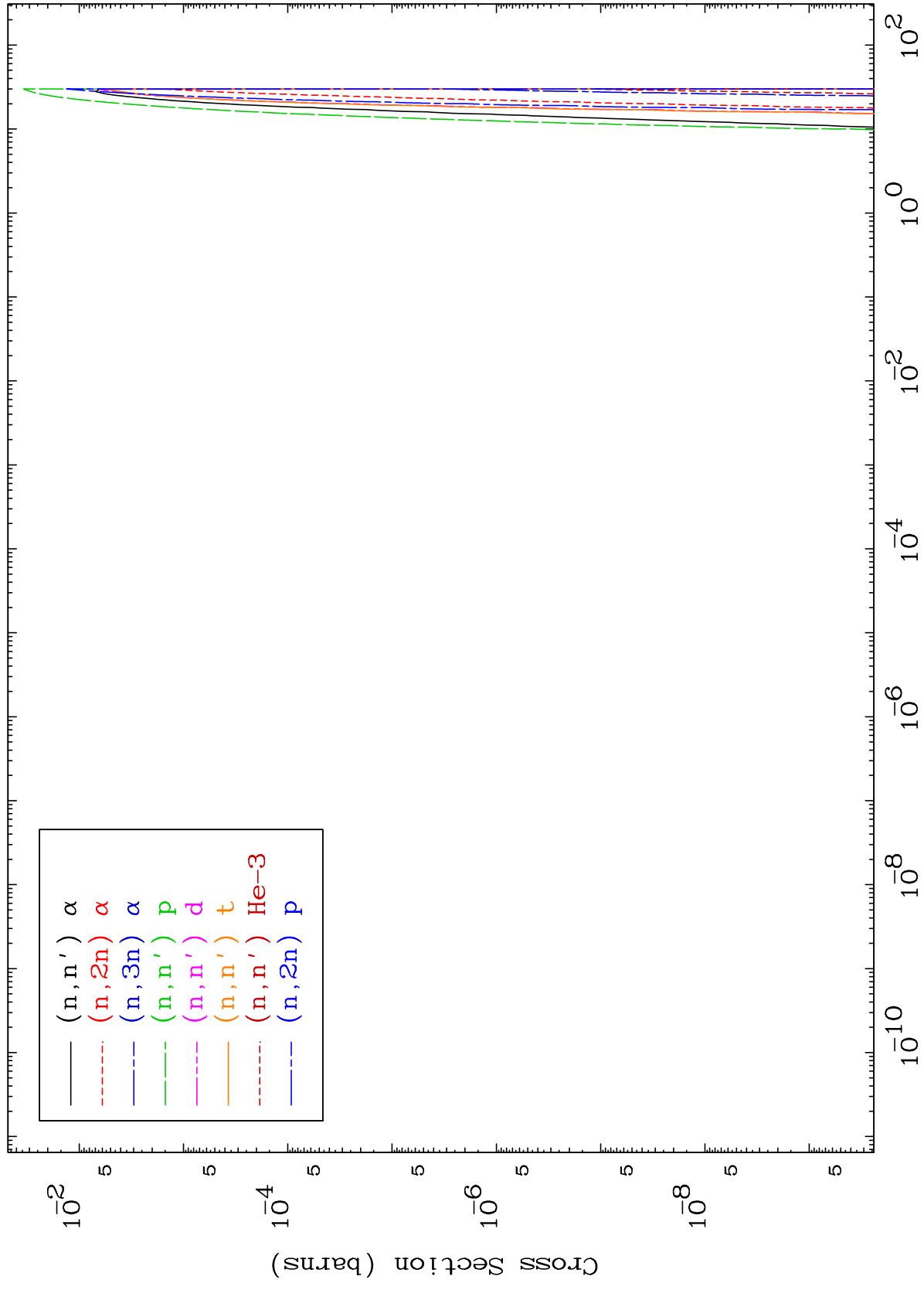
81-Tl-207m



MAT 8138

Charged Particle  
293 Kelvin Cross Sections

81-Tl-207m



5

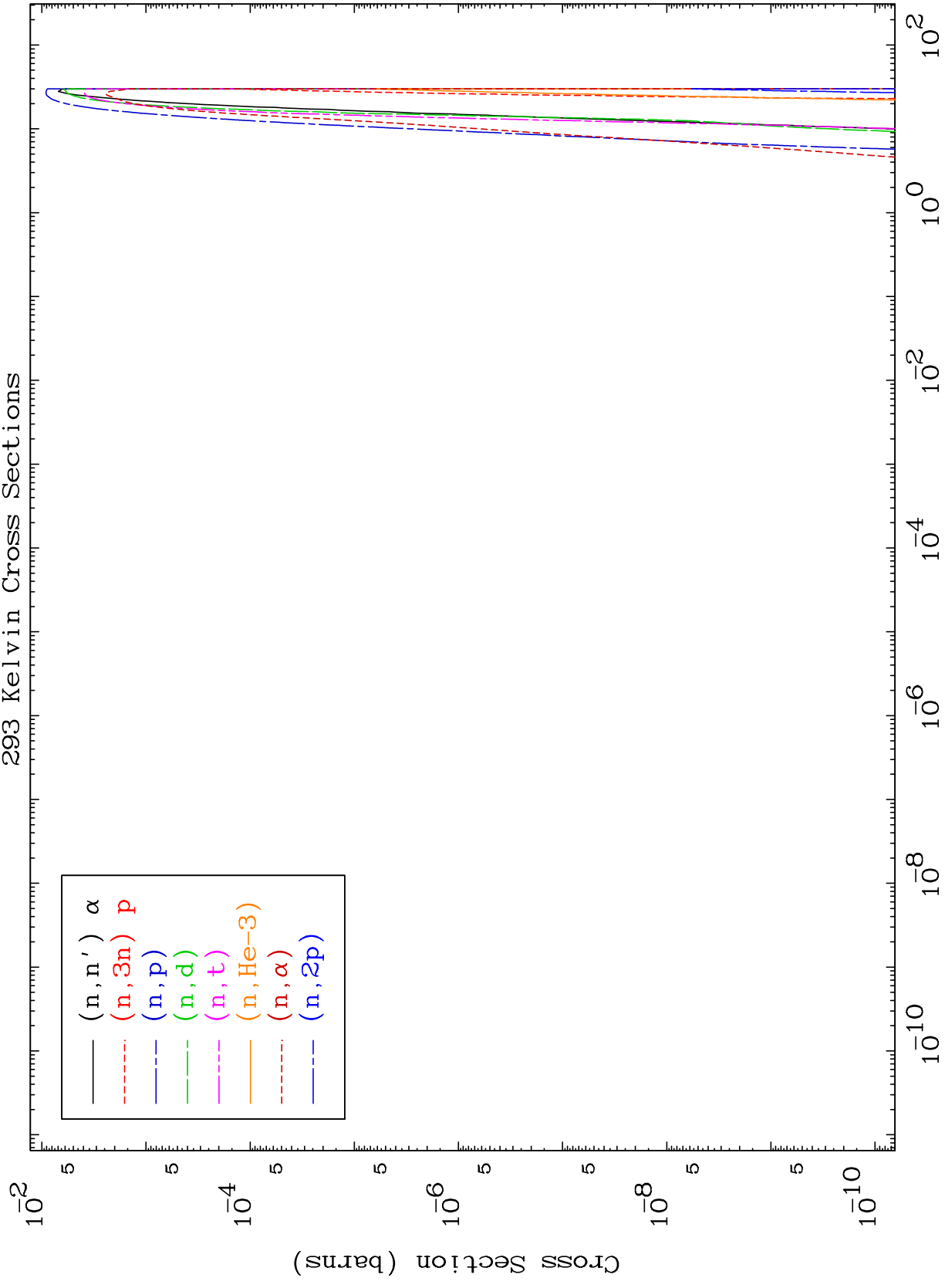
Incident Energy (MeV)

81-Tl-207m

MAT 8138

Charged Particle  
293 Kelvin Cross Sections

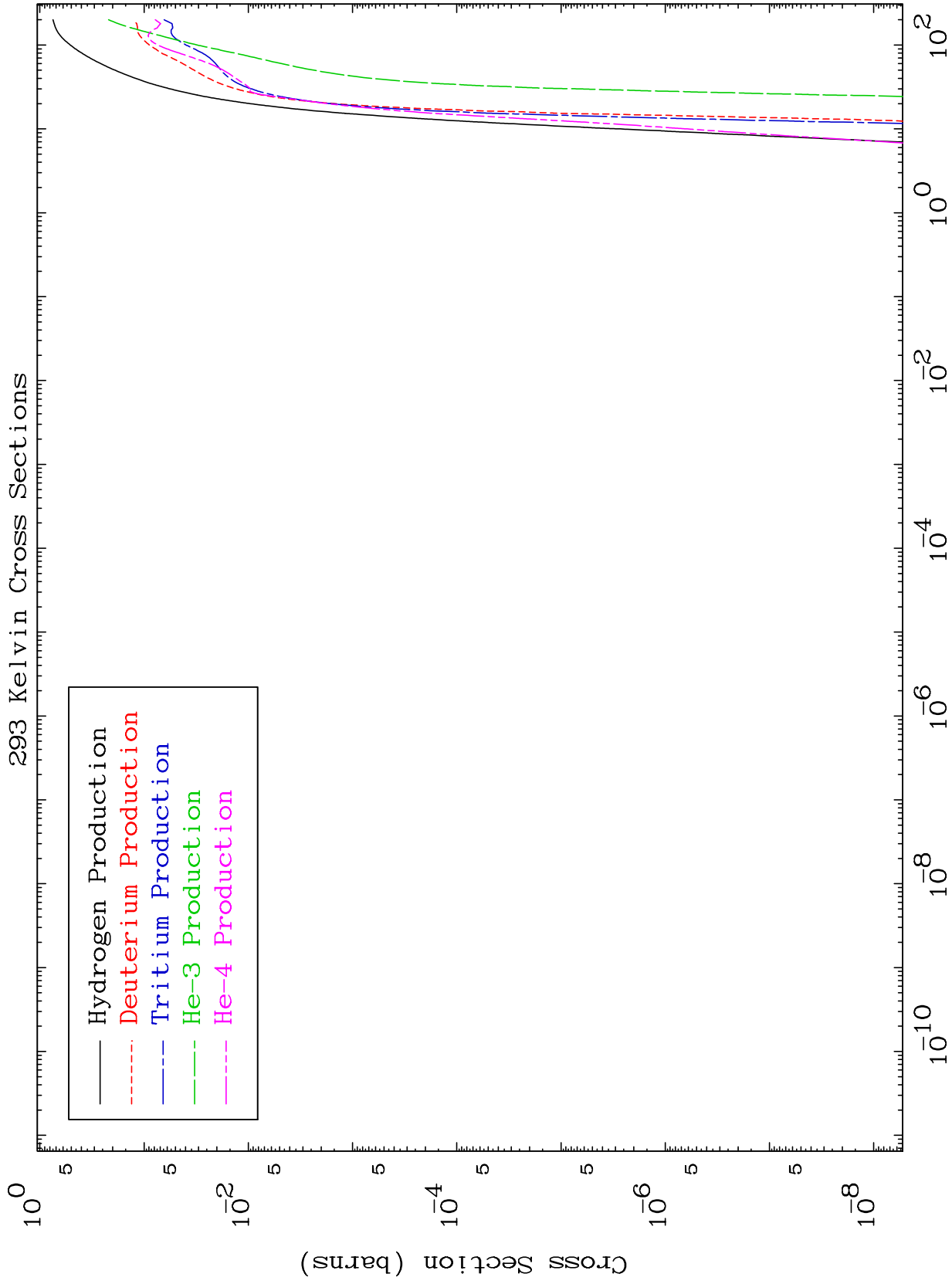
81-Tl-207m



MAT 8138

Particle Production  
293 Kelvin Cross Sections

81-Tl-207m



7

Incident Energy (MeV)

81-Tl-207m

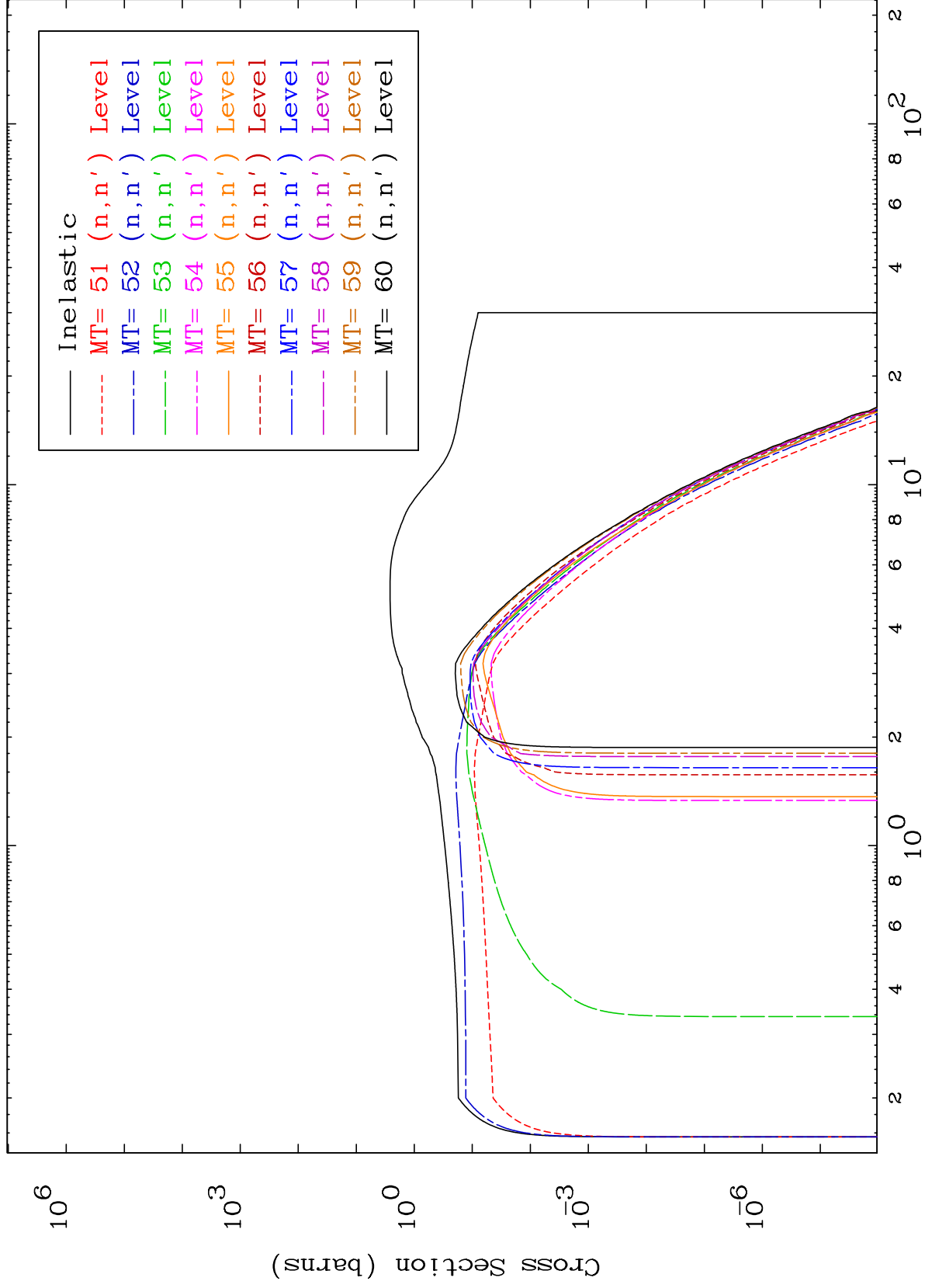


MAT 8138

(n,n') Levels

81-Tl-207m

293 Kelvin Cross Sections

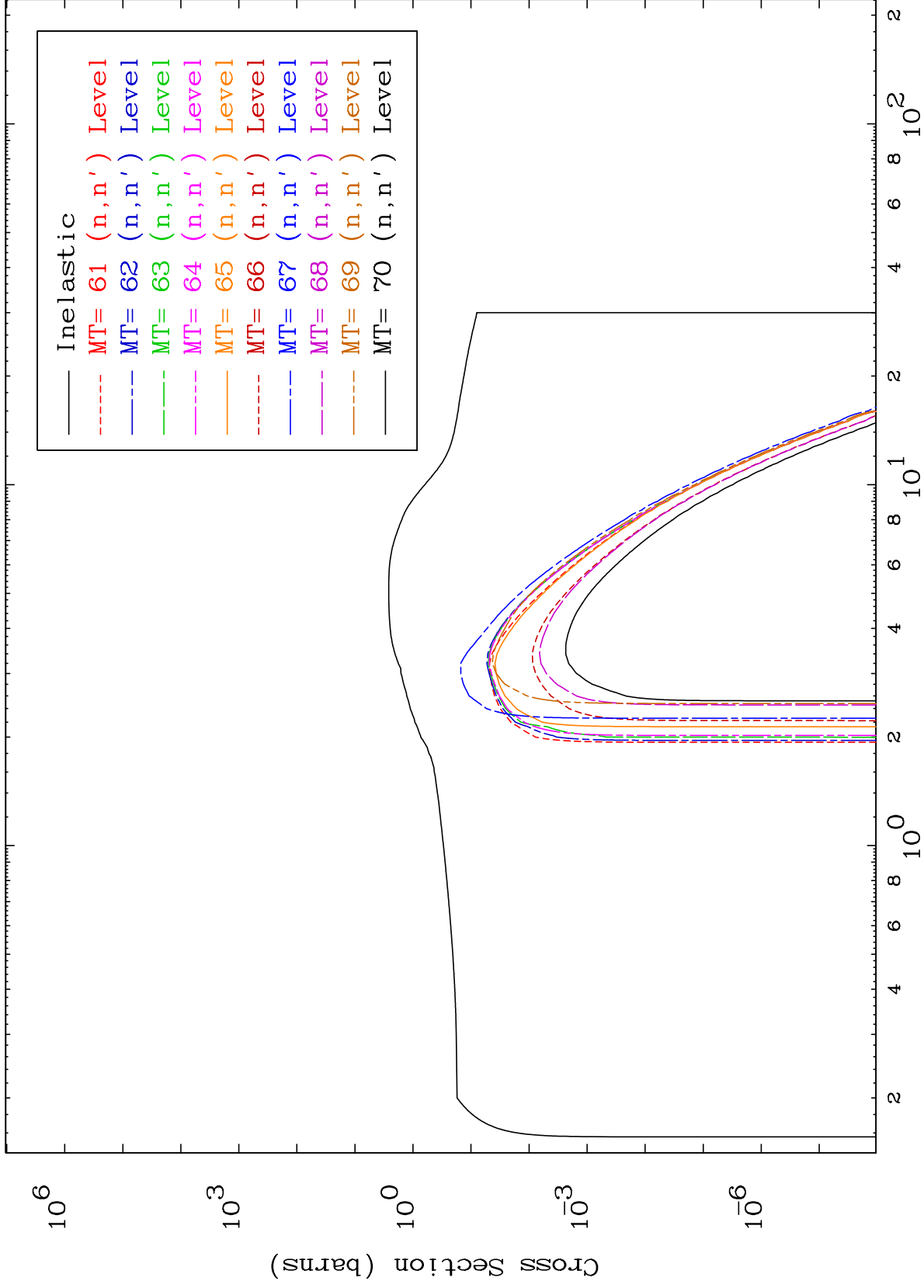


MAT 8138

(n,n') Levels

81-Tl-207m

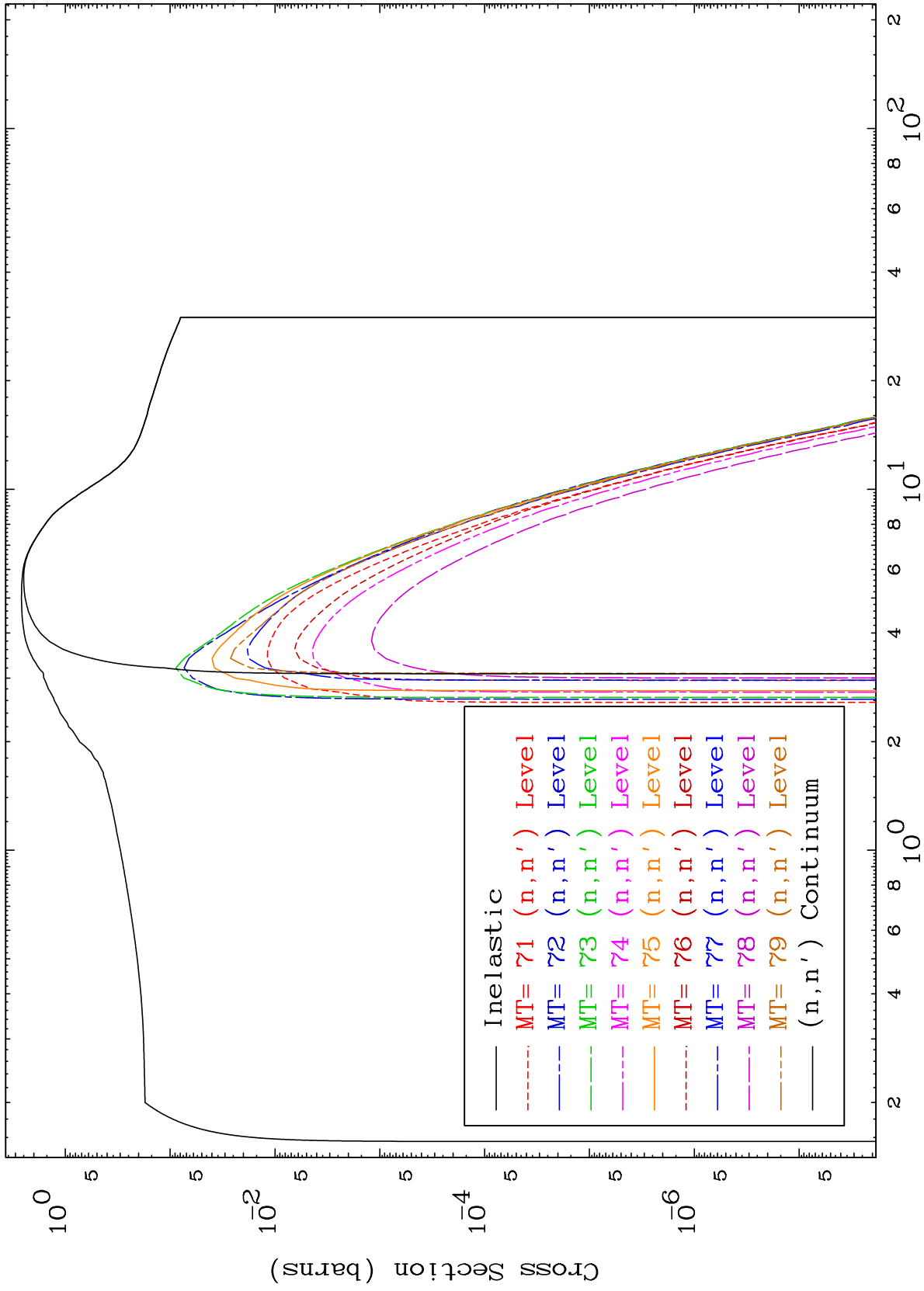
293 Kelvin Cross Sections



MAT 8138

(n,n') Levels  
293 Kelvin Cross Sections

81-T1-207m



10

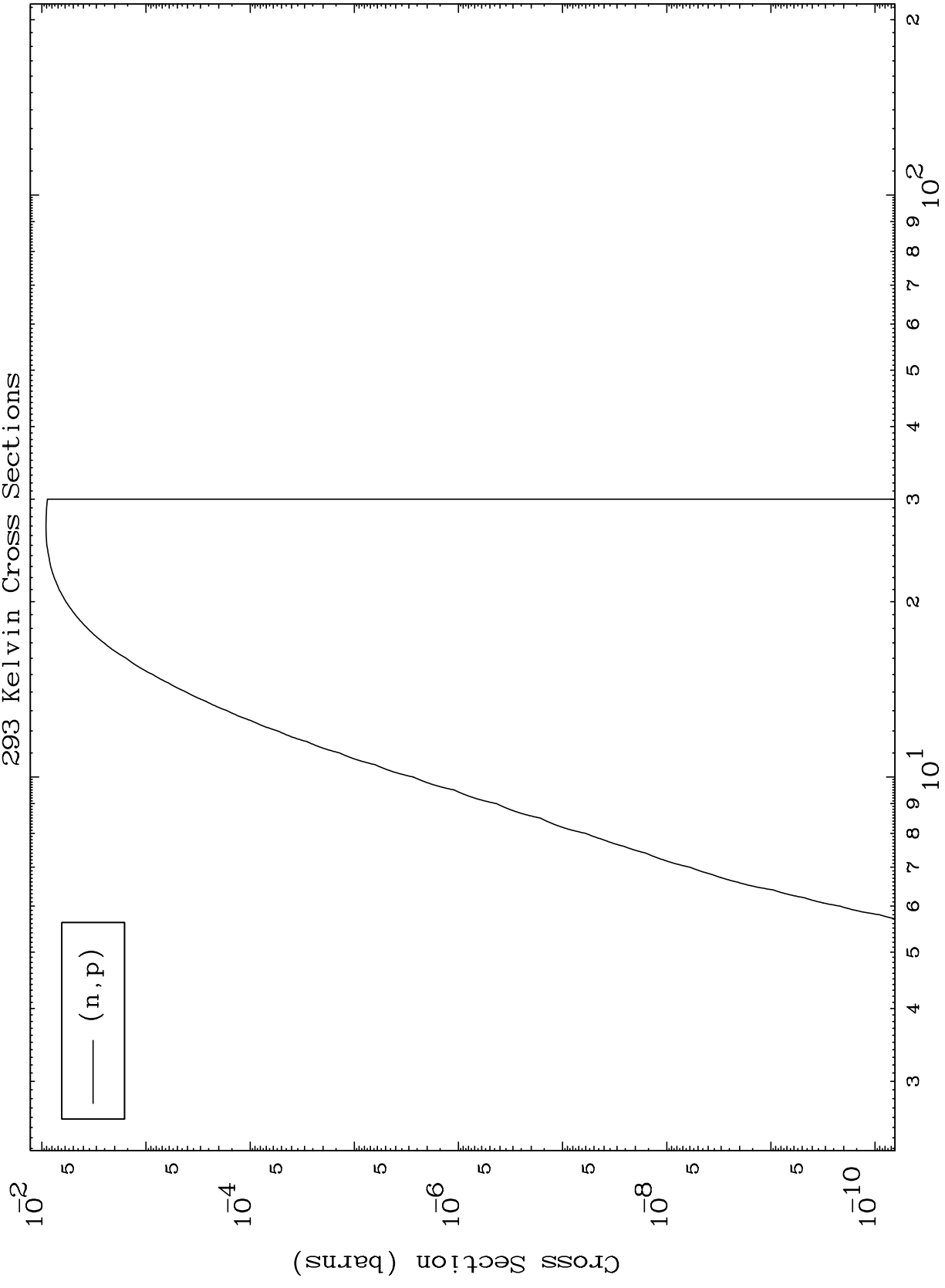
Incident Energy (MeV)

81-T1-207m

MAT 8138

(n,p) Levels  
293 Kelvin Cross Sections

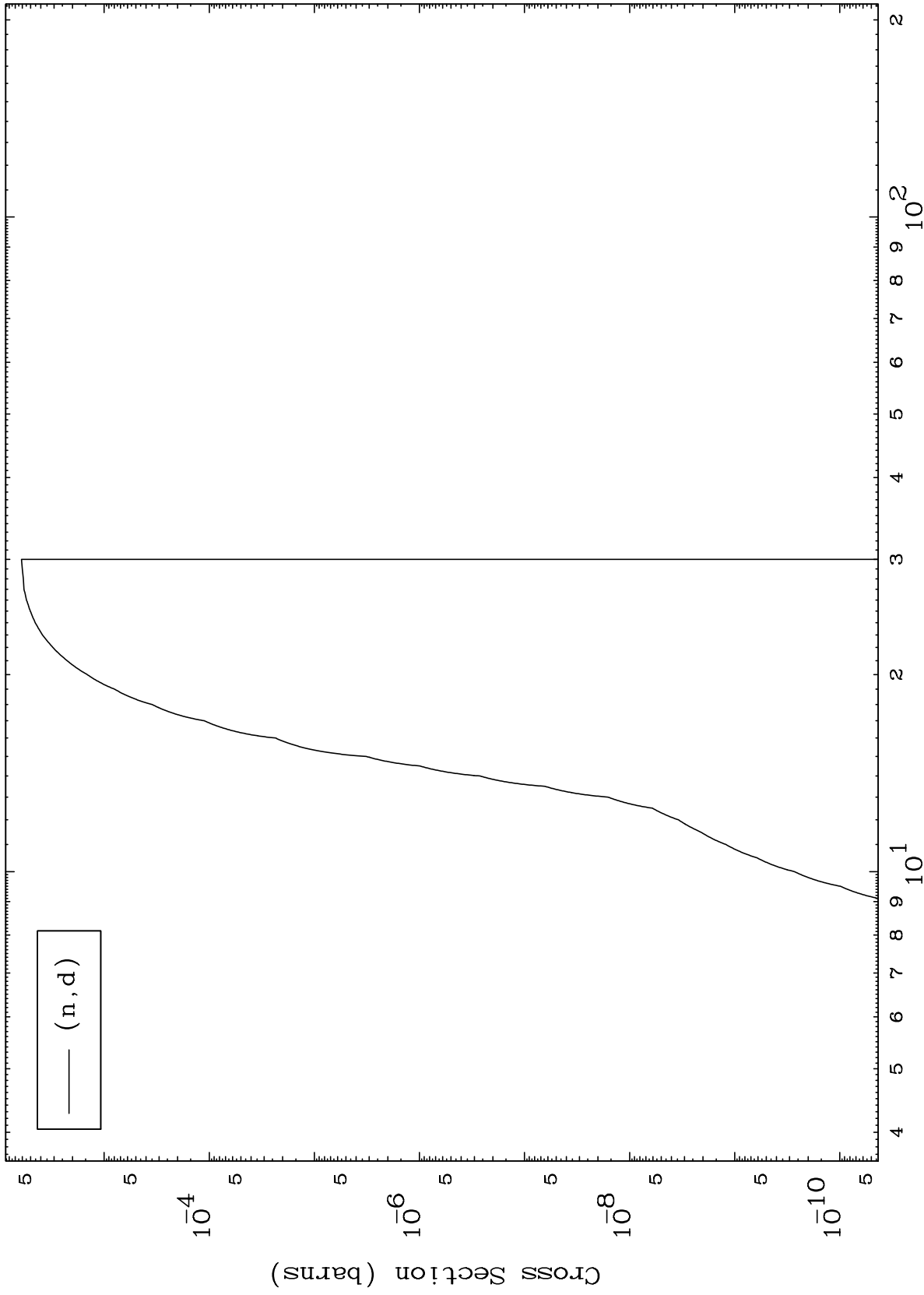
81-Tl-207m



MAT 8138

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-207m



12

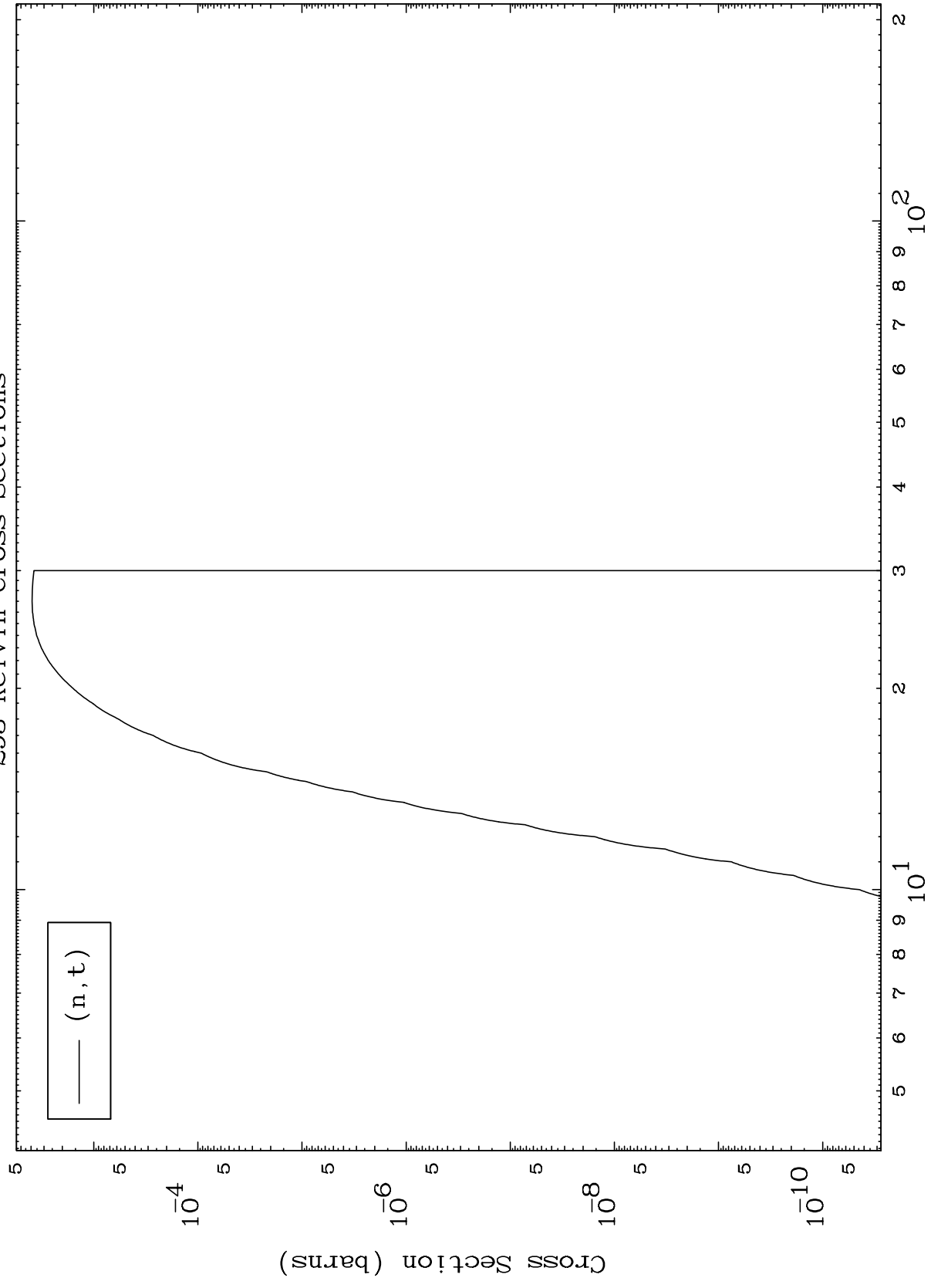
Incident Energy (MeV)

81-Tl-207m

MAT 8138

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-207m



13

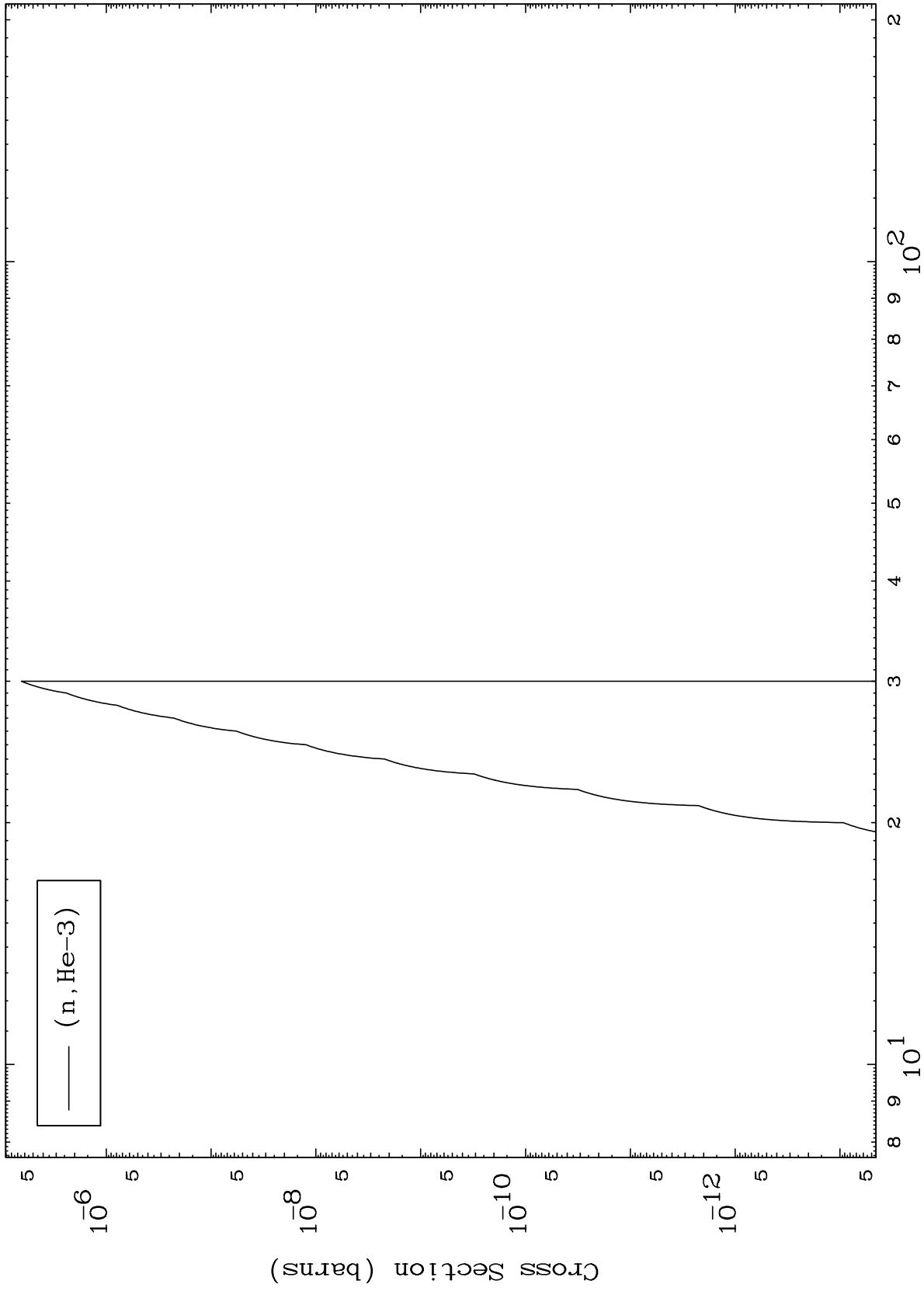
Incident Energy (MeV)

81-Tl-207m

MAT 8138

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-207m



14

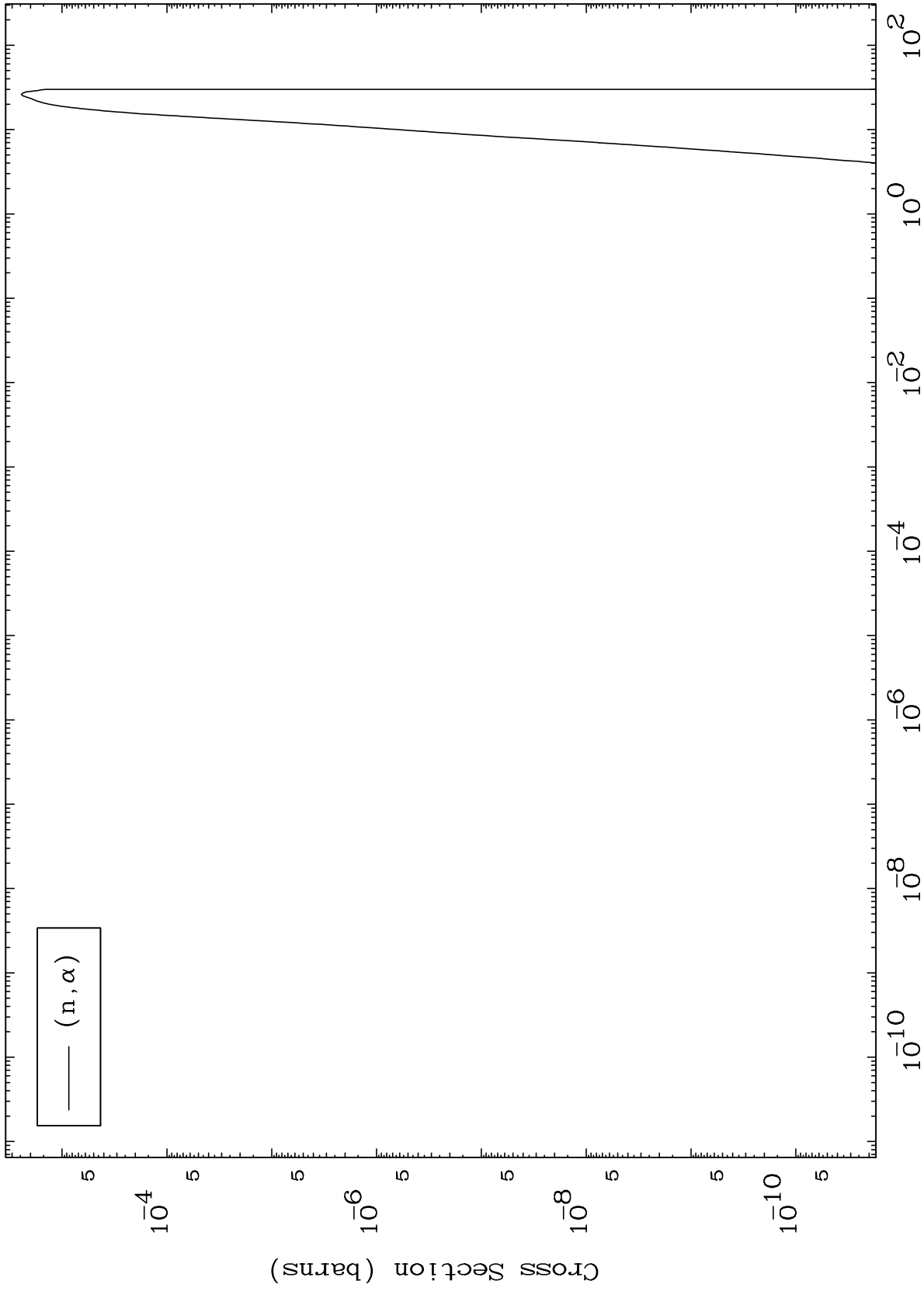
Incident Energy (MeV)

81-T1-207m

MAT 8138

(n,α) Levels  
293 Kelvin Cross Sections

81-Tl-207m

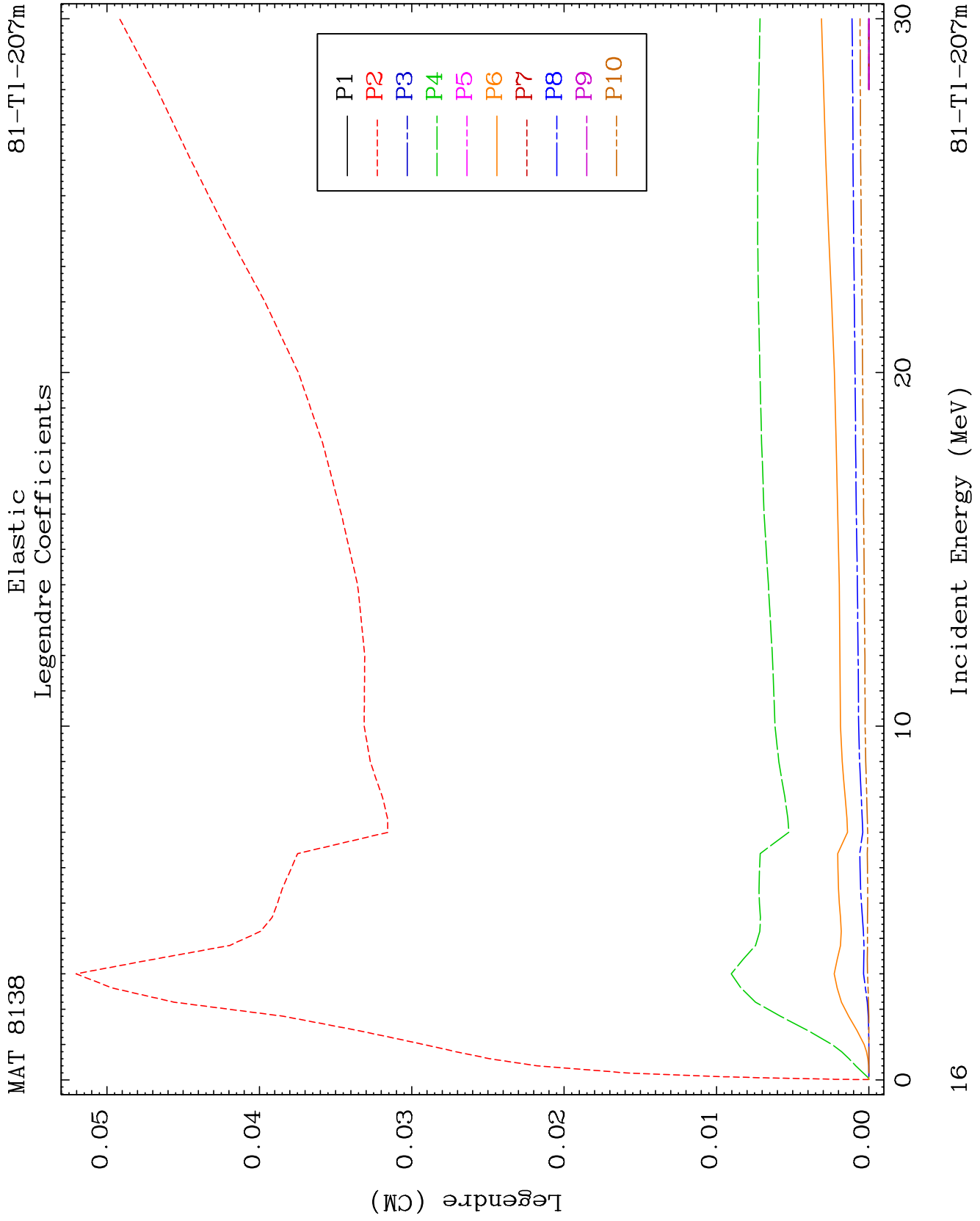


15

Incident Energy (MeV)

81-Tl-207m



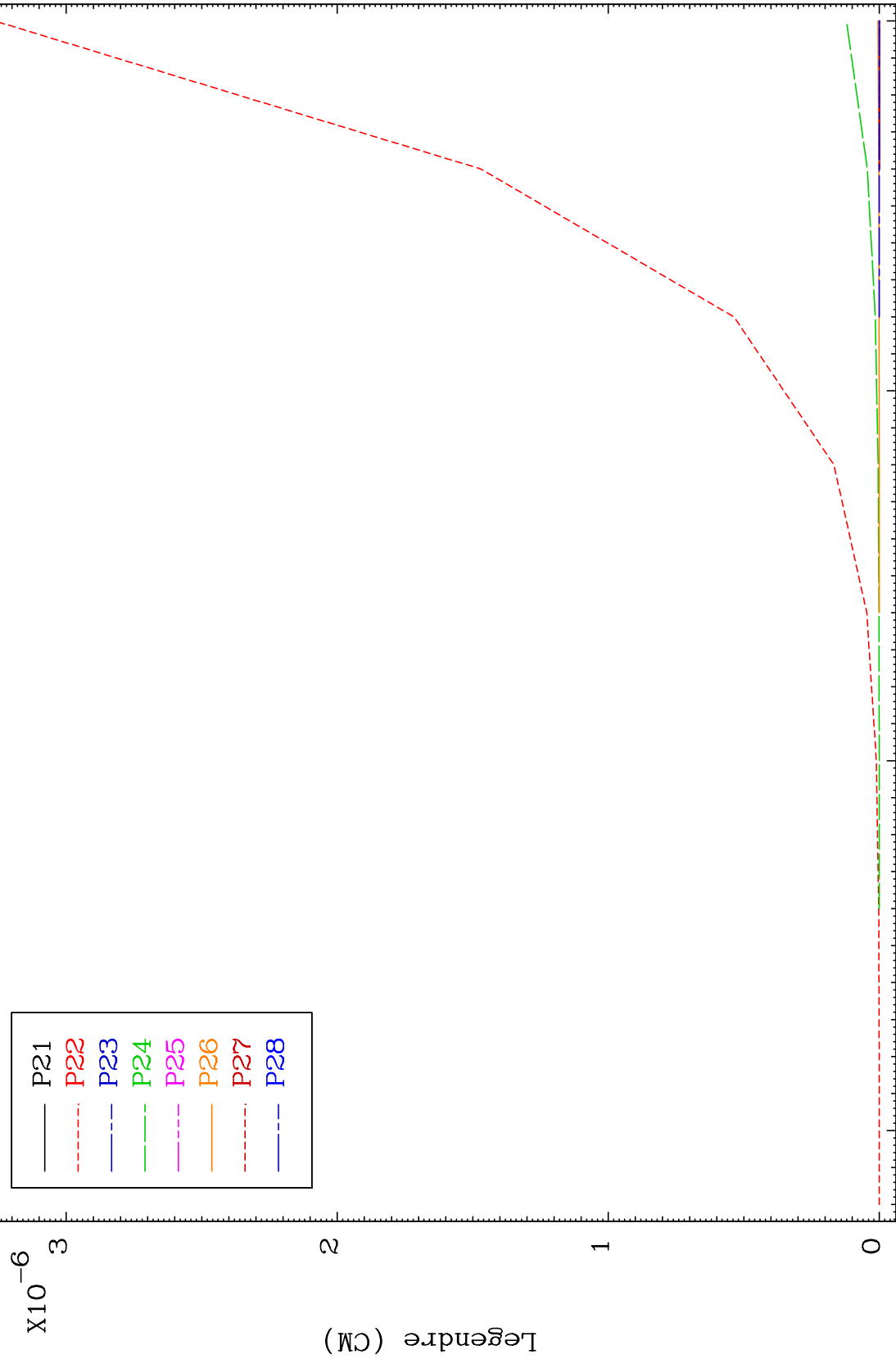
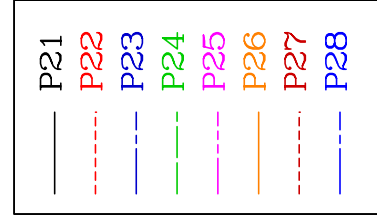




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Elastic Legendre Coefficients

81-T1-207m



18

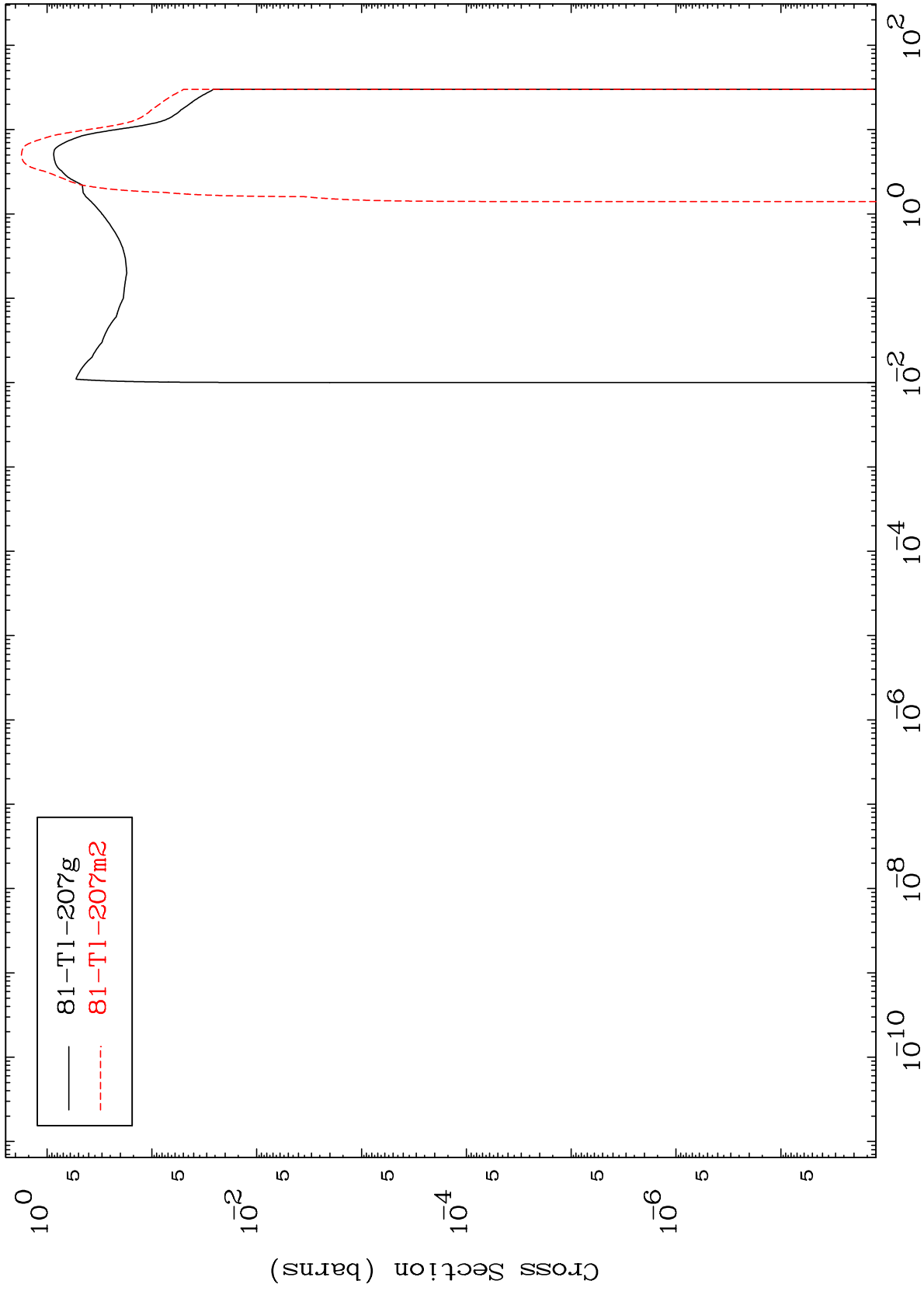
Incident Energy (MeV)

81-T1-207m

MAT 8138

81-Tl-207m

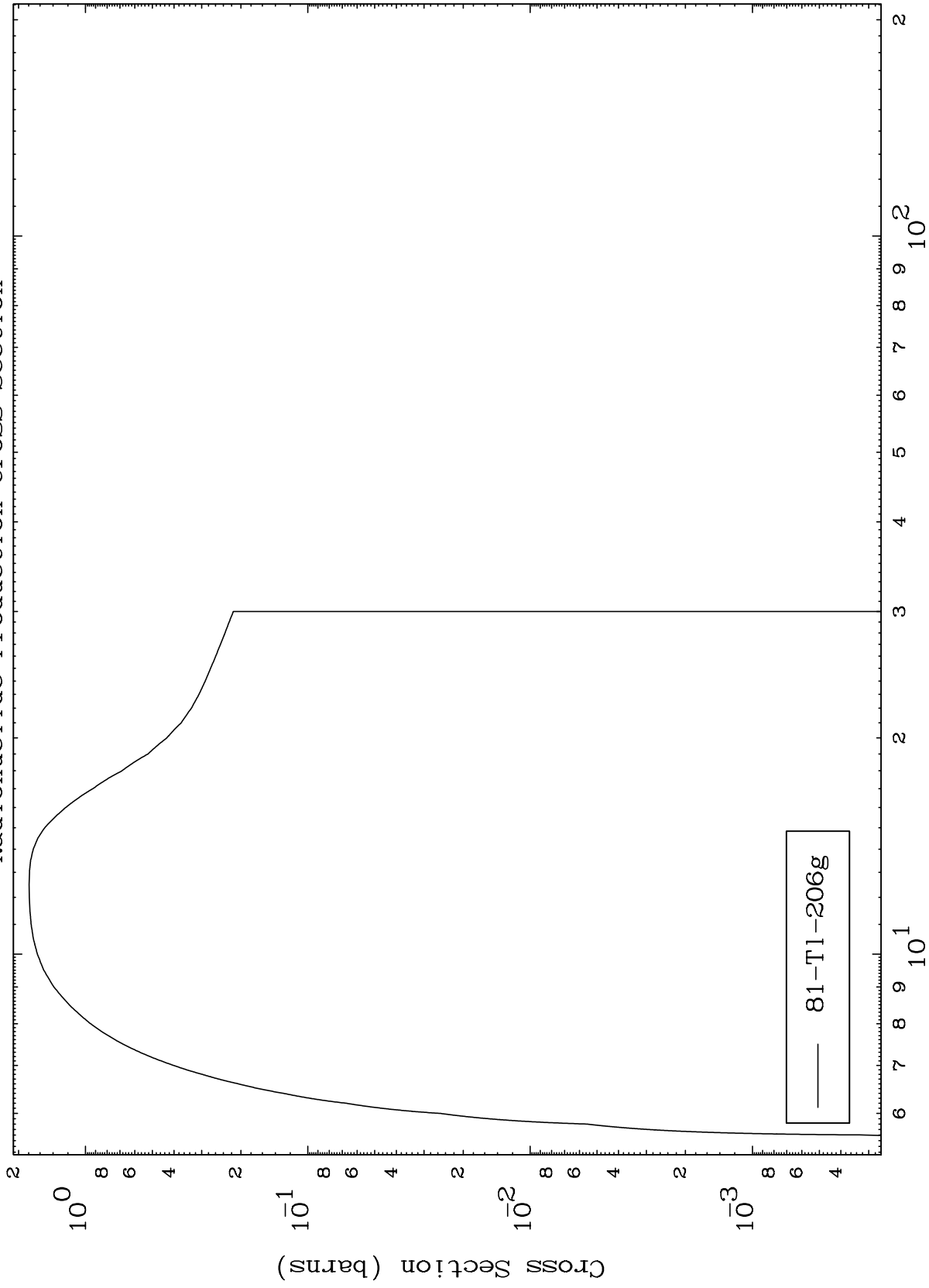
Inelastic  
Radionuclide Production Cross Section



MAT 8138

81-Tl-207m

Radionuclide Production Cross Section



20

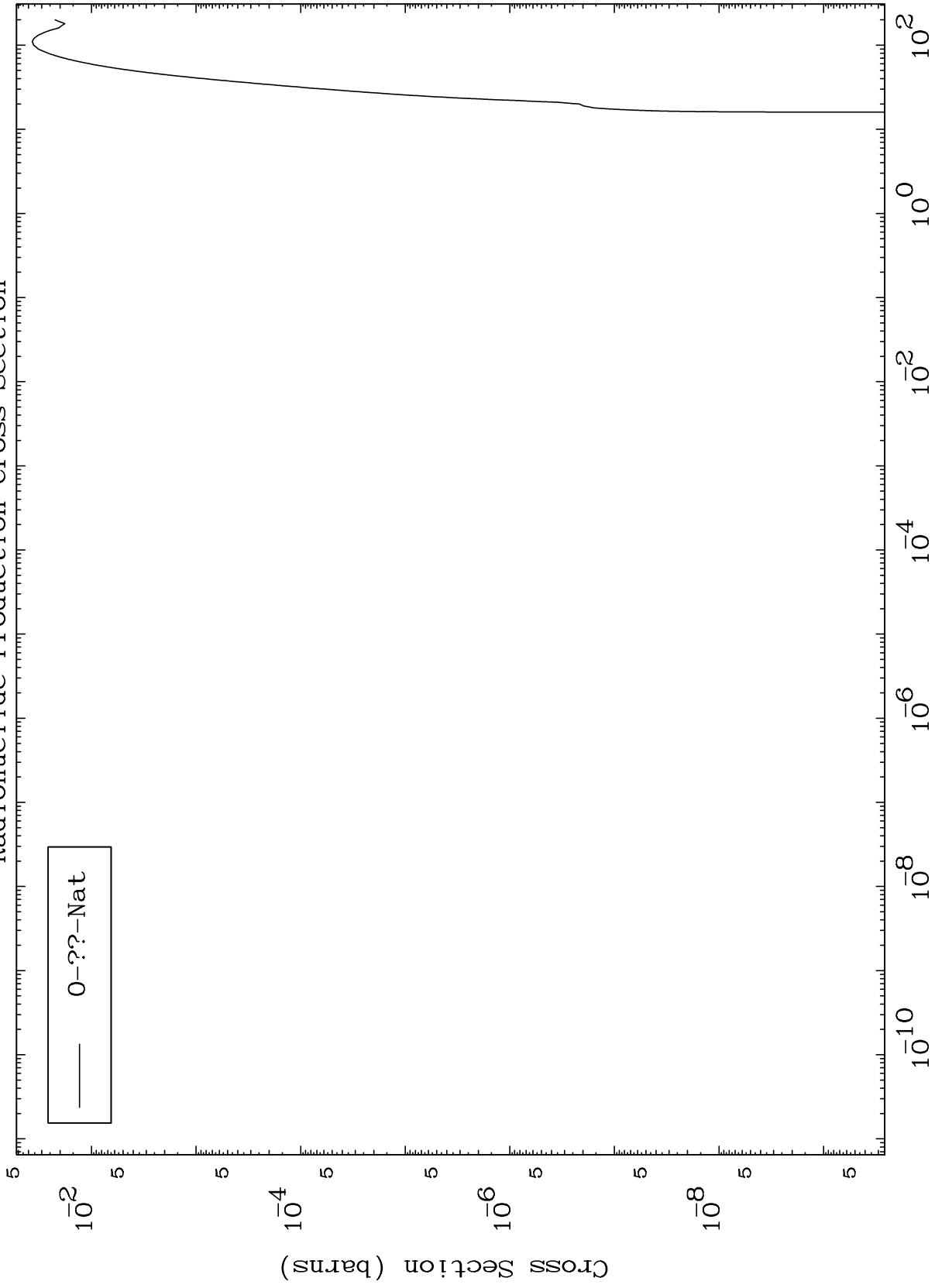
Incident Energy (MeV)

81-Tl-207m

MAT 8138

Fission  
Radionuclide Production Cross Section

81-Tl-207m



21

Incident Energy (MeV)

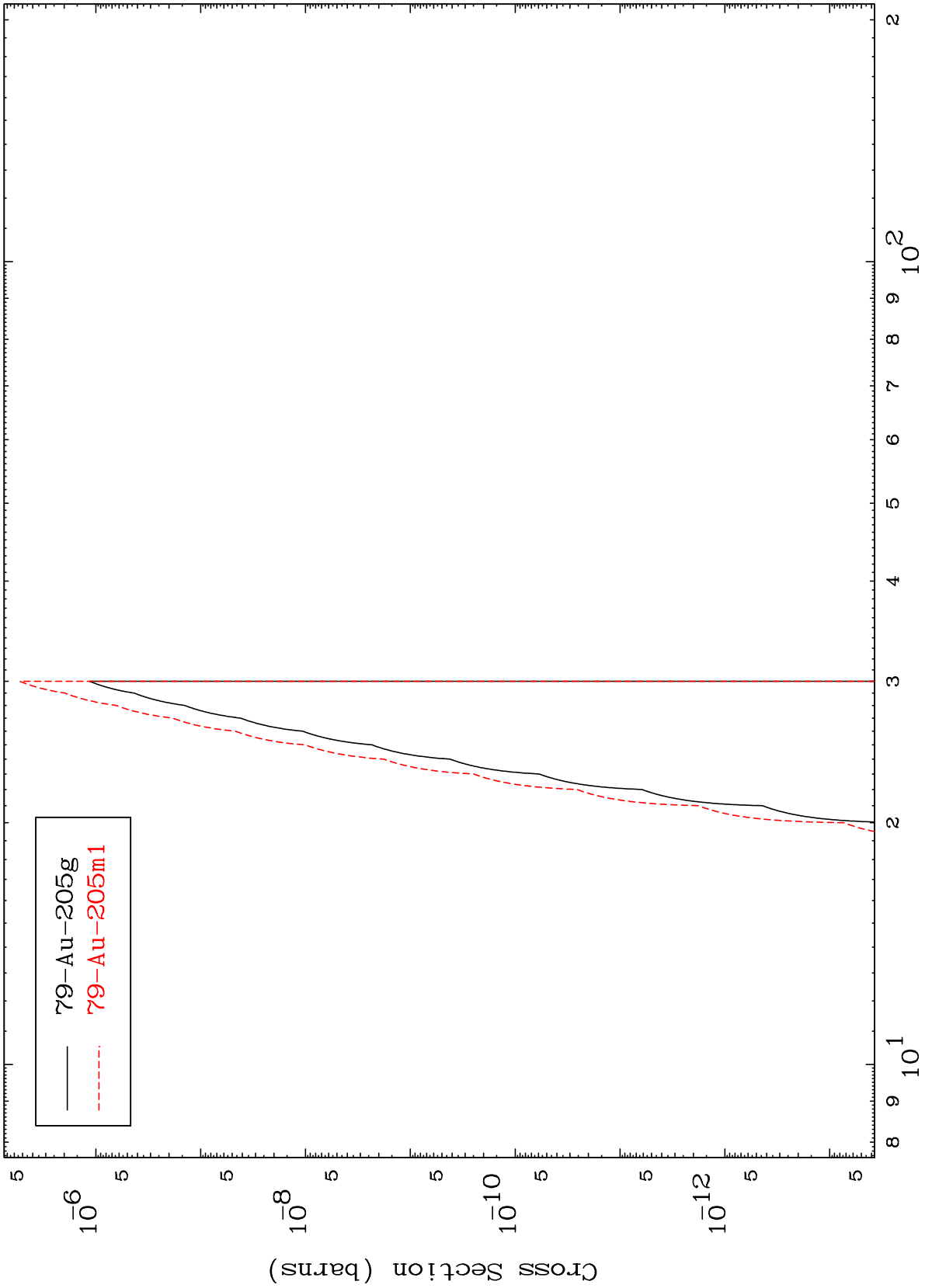
81-Tl-207m

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(n, He-3)

81-Tl-207m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

81-Tl-207m