

Program EVALPLOT
(Version 2015-2)

by

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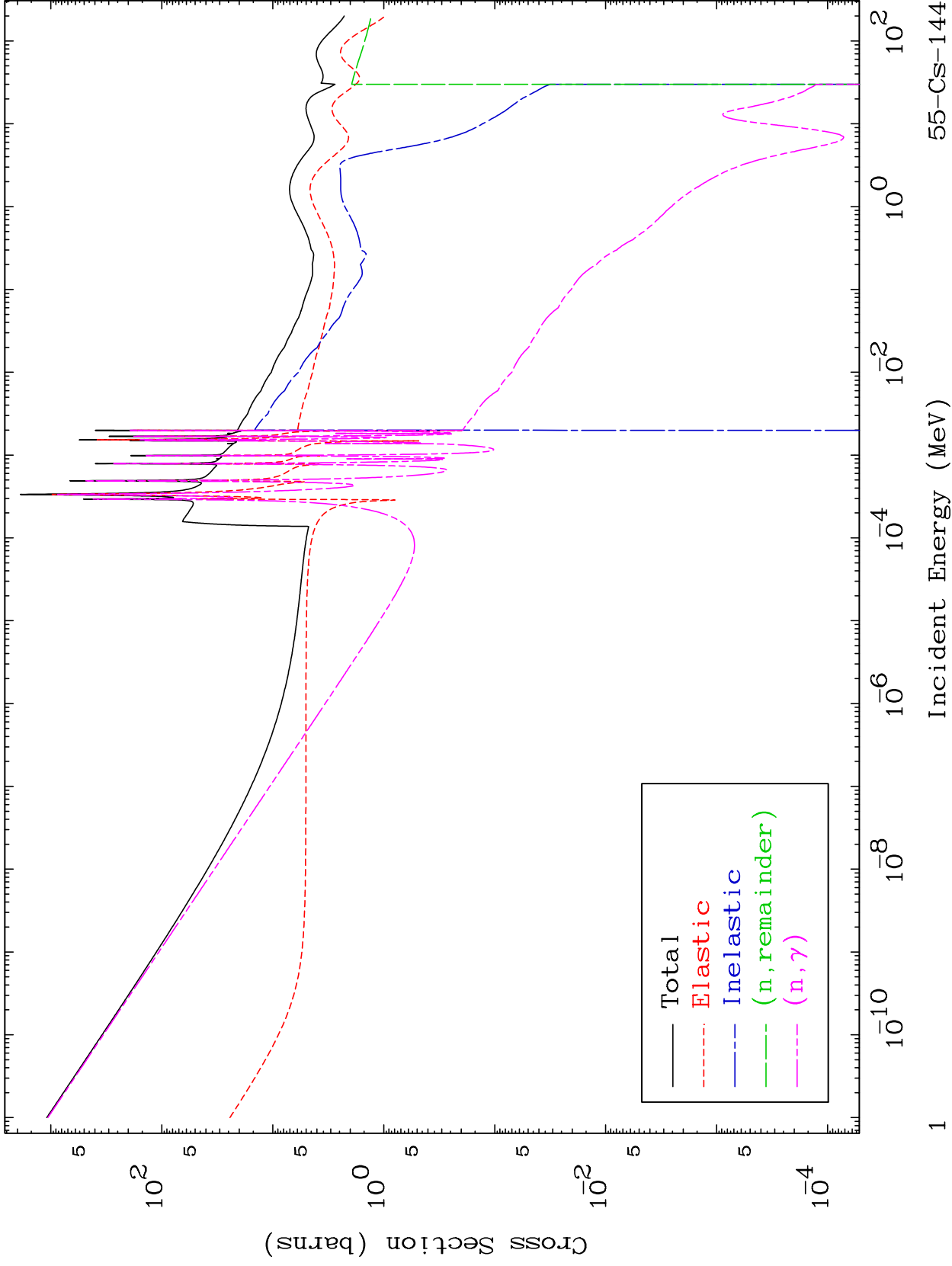
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5559

Major
293 Kelvin Cross Sections

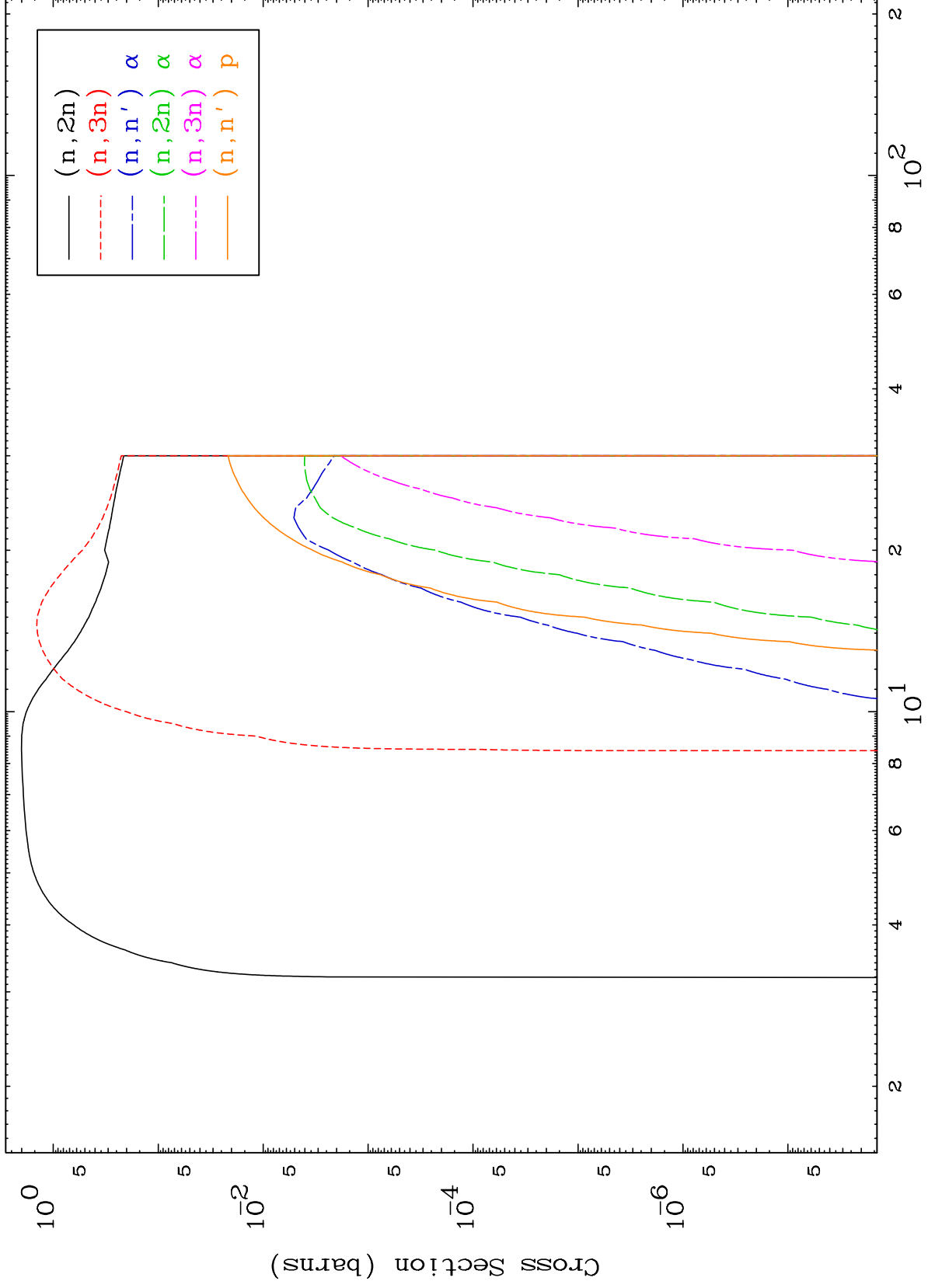
55-Cs-144



MAT 5559

Neutron Production
293 Kelvin Cross Sections

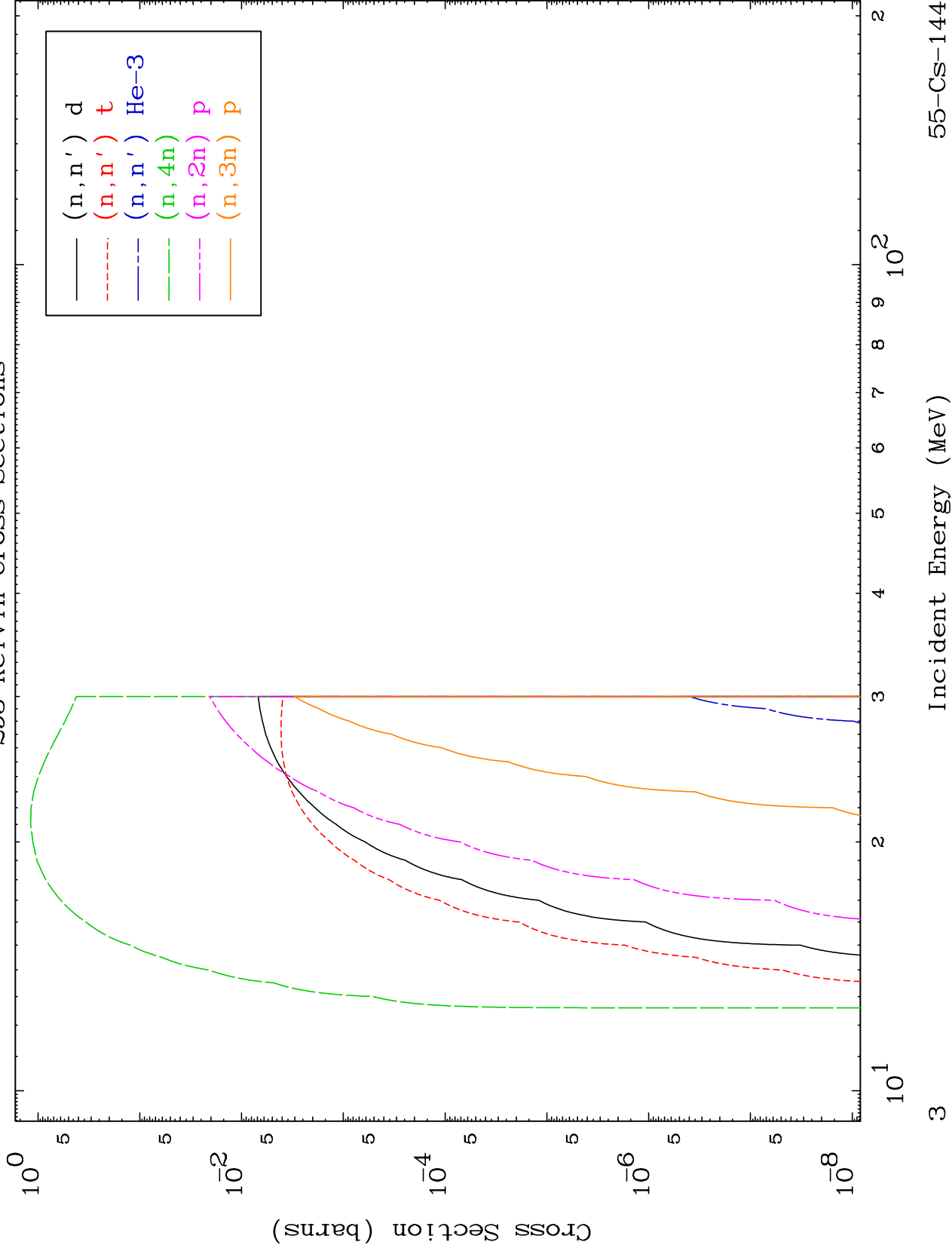
55-Cs-144



55-Cs-144

Incident Energy (MeV)

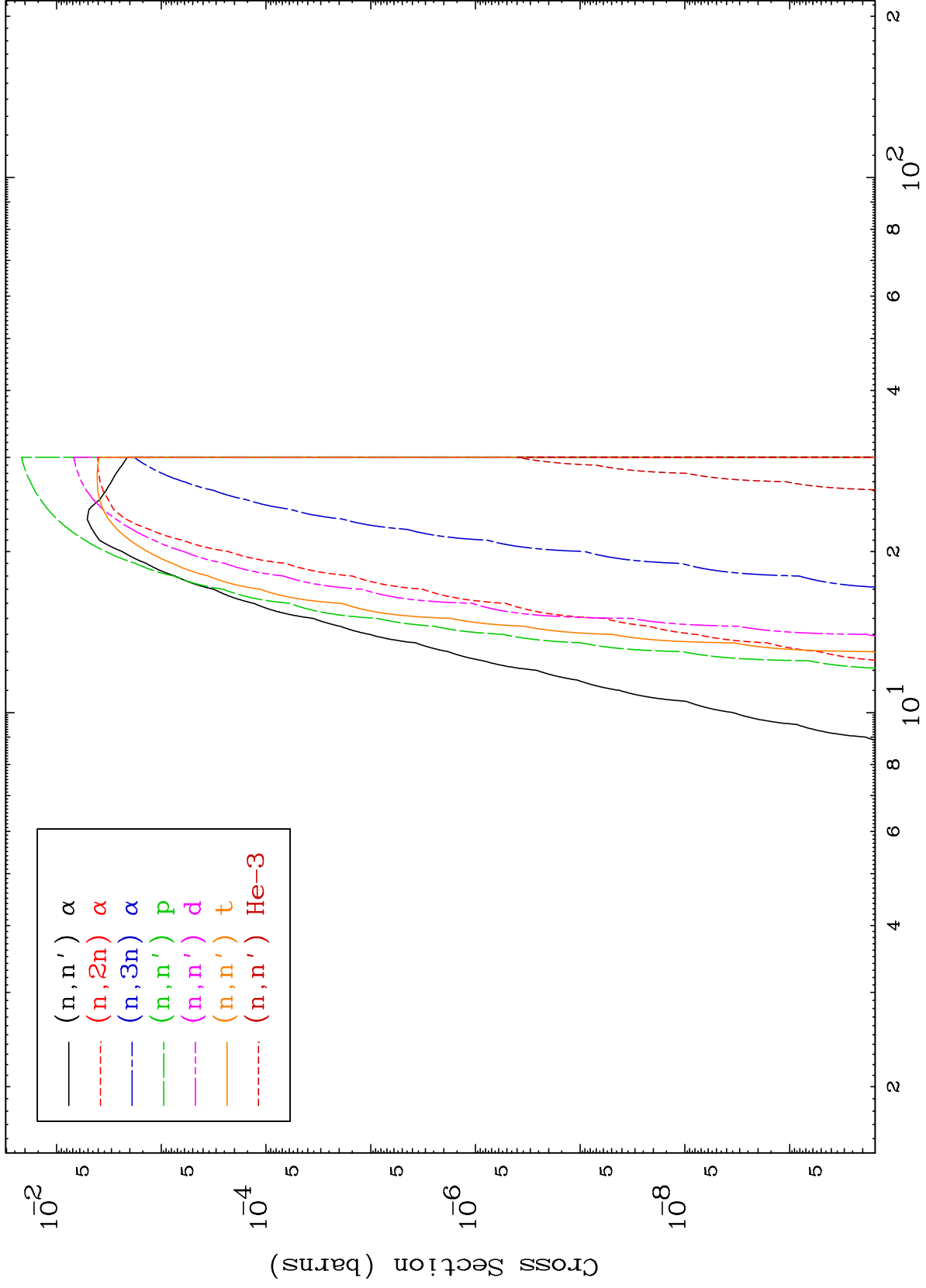
2



MAT 5559

Charged Particle
293 Kelvin Cross Sections

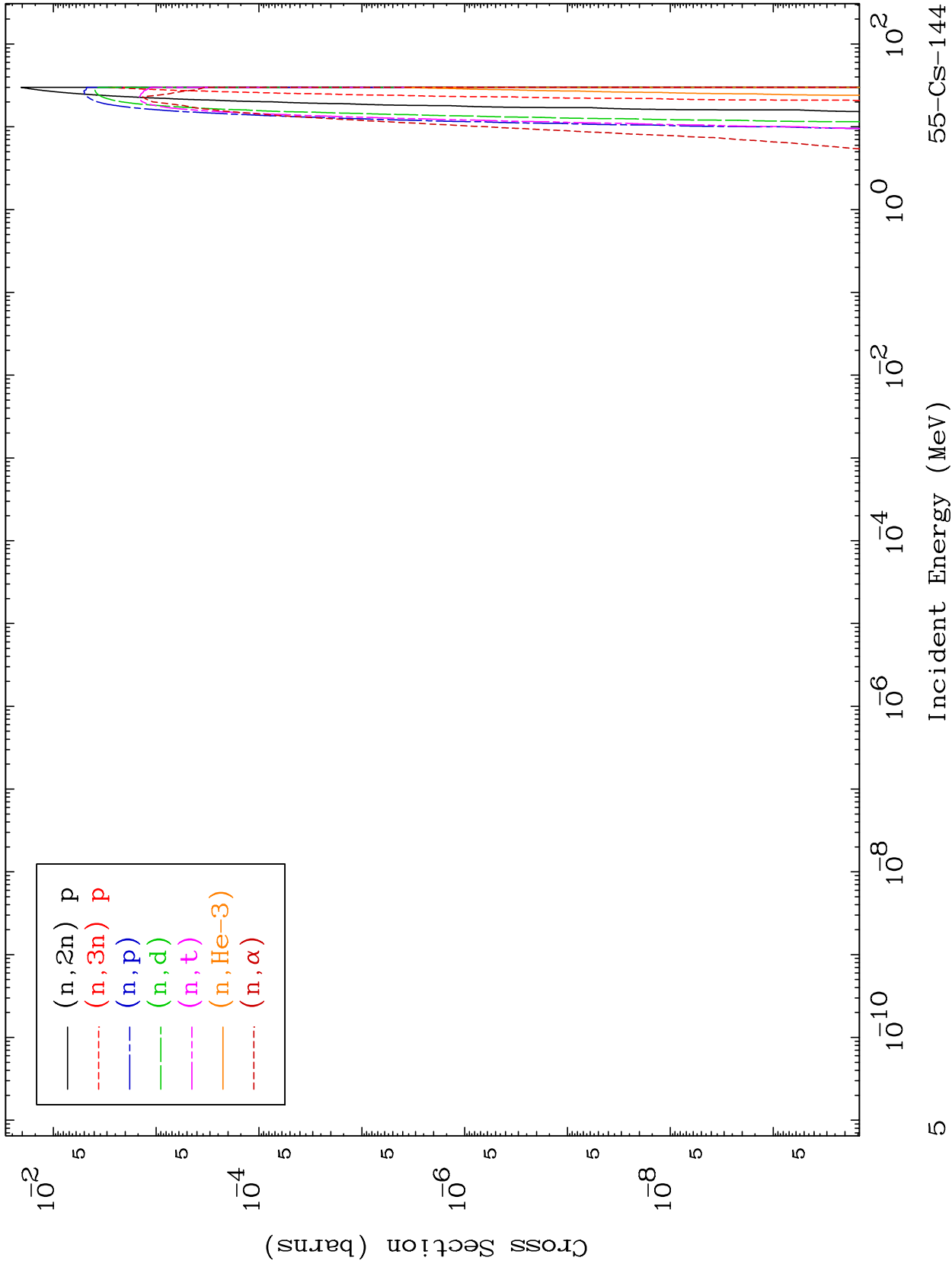
55-Cs-144



MAT 5559

Charged Particle
293 Kelvin Cross Sections

55-Cs-144



5

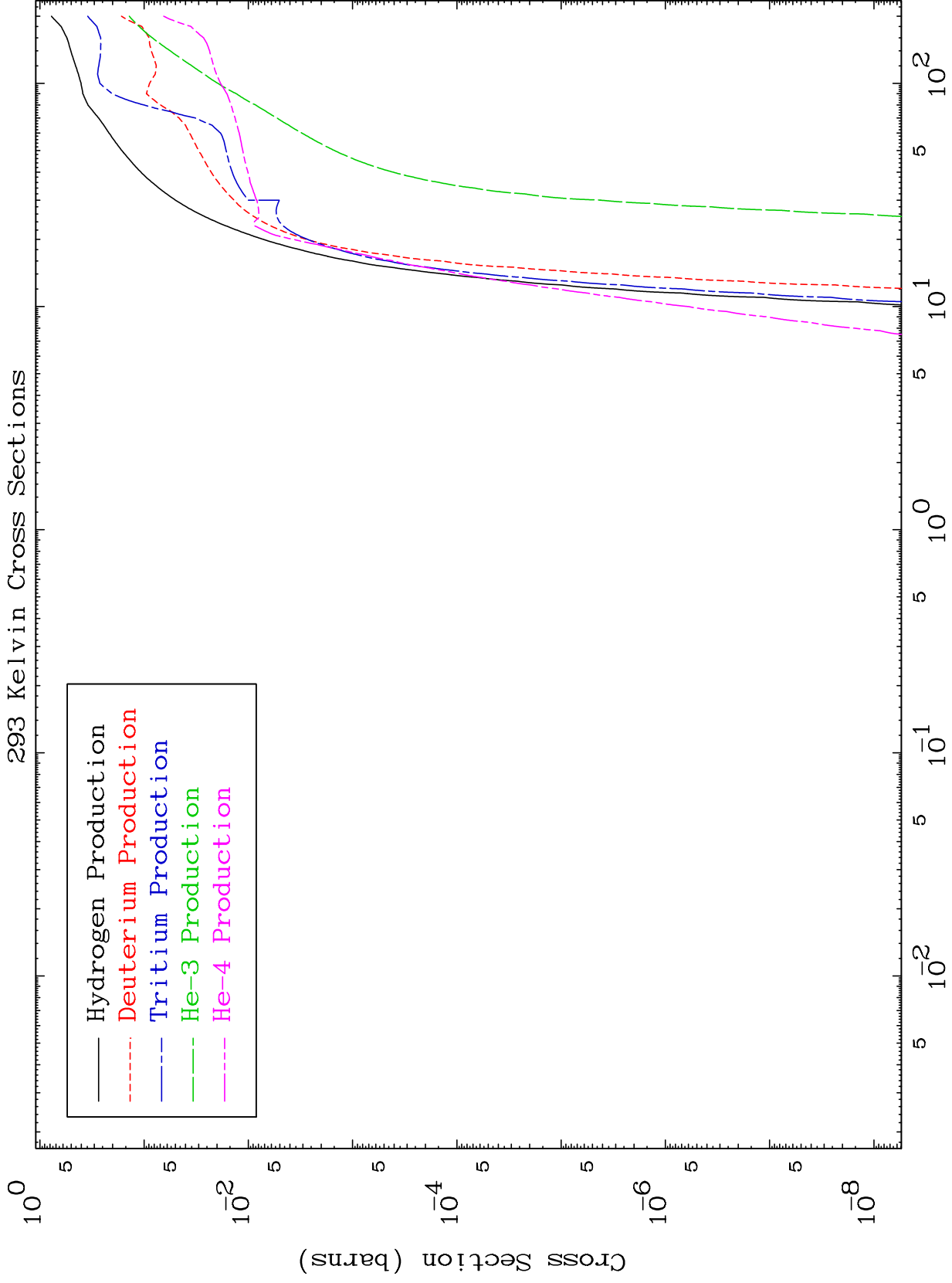
Incident Energy (MeV)

55-Cs-144

MAT 5559

Particle Production
293 Kelvin Cross Sections

55-Cs-144



6

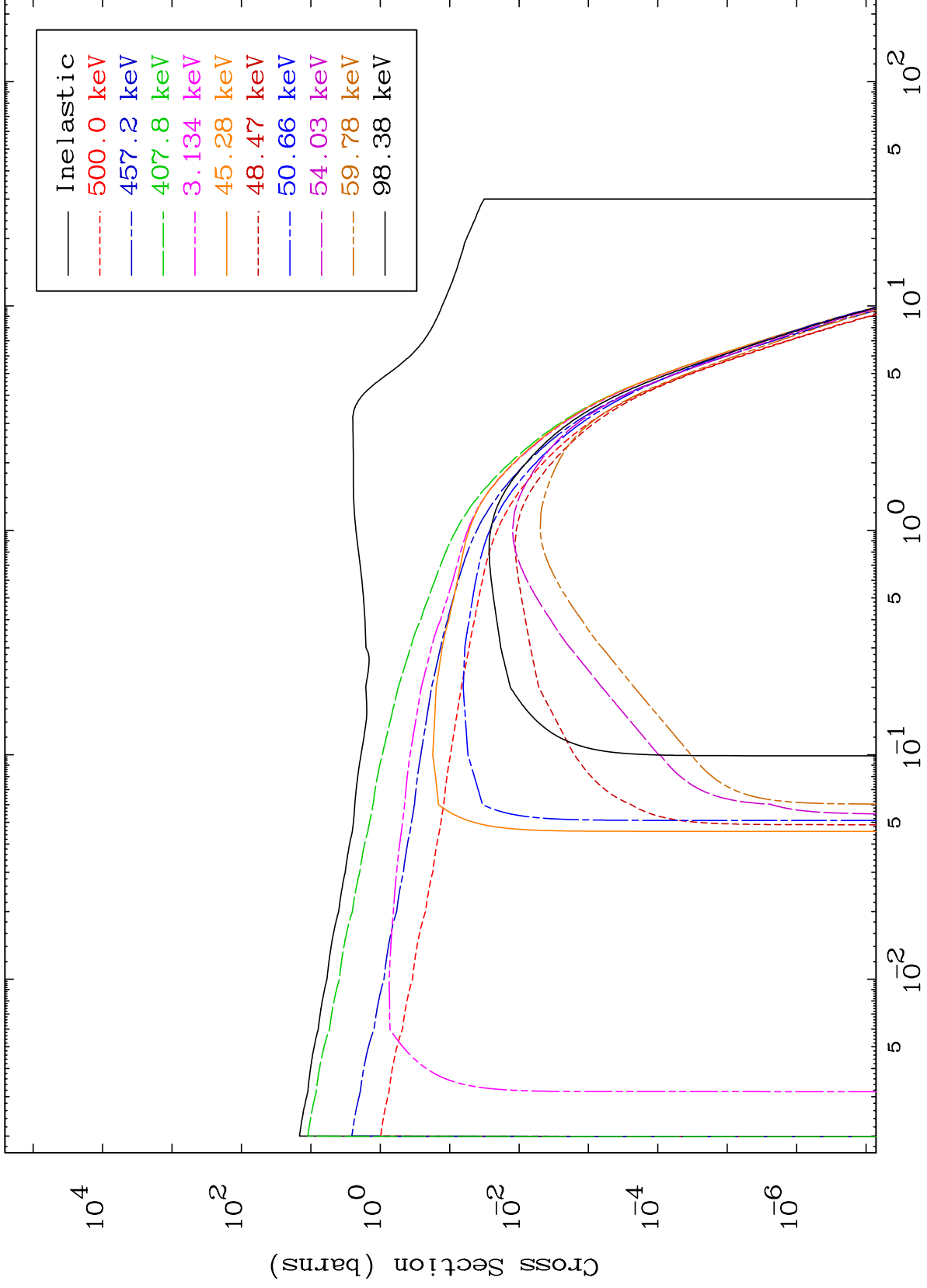
Incident Energy (MeV)

55-Cs-144

MAT 5559

(n,n') Level
293 Kelvin Cross Sections

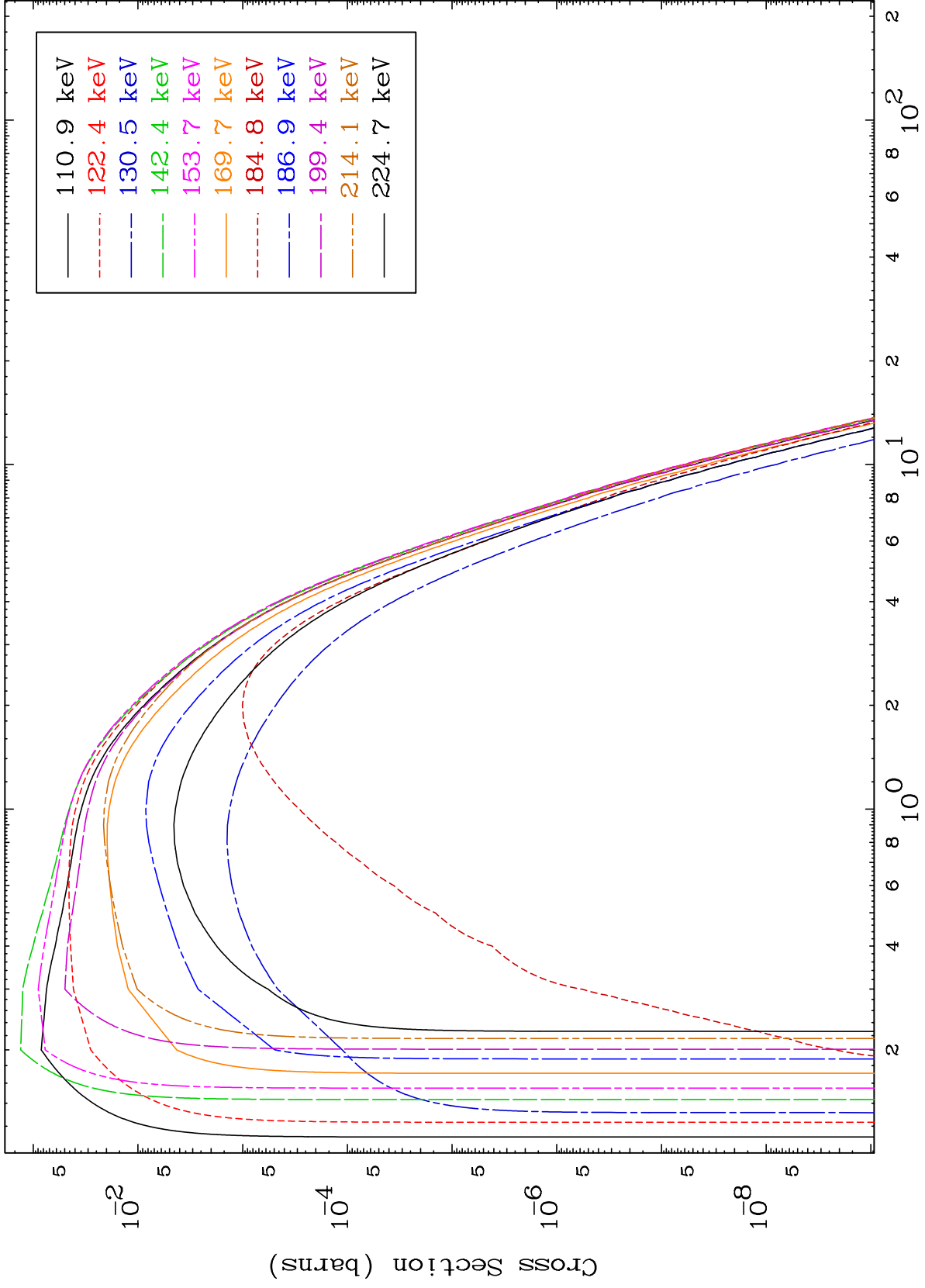
55-Cs-144



MAT 5559

(n,n') Level
293 Kelvin Cross Sections

55-Cs-144



8

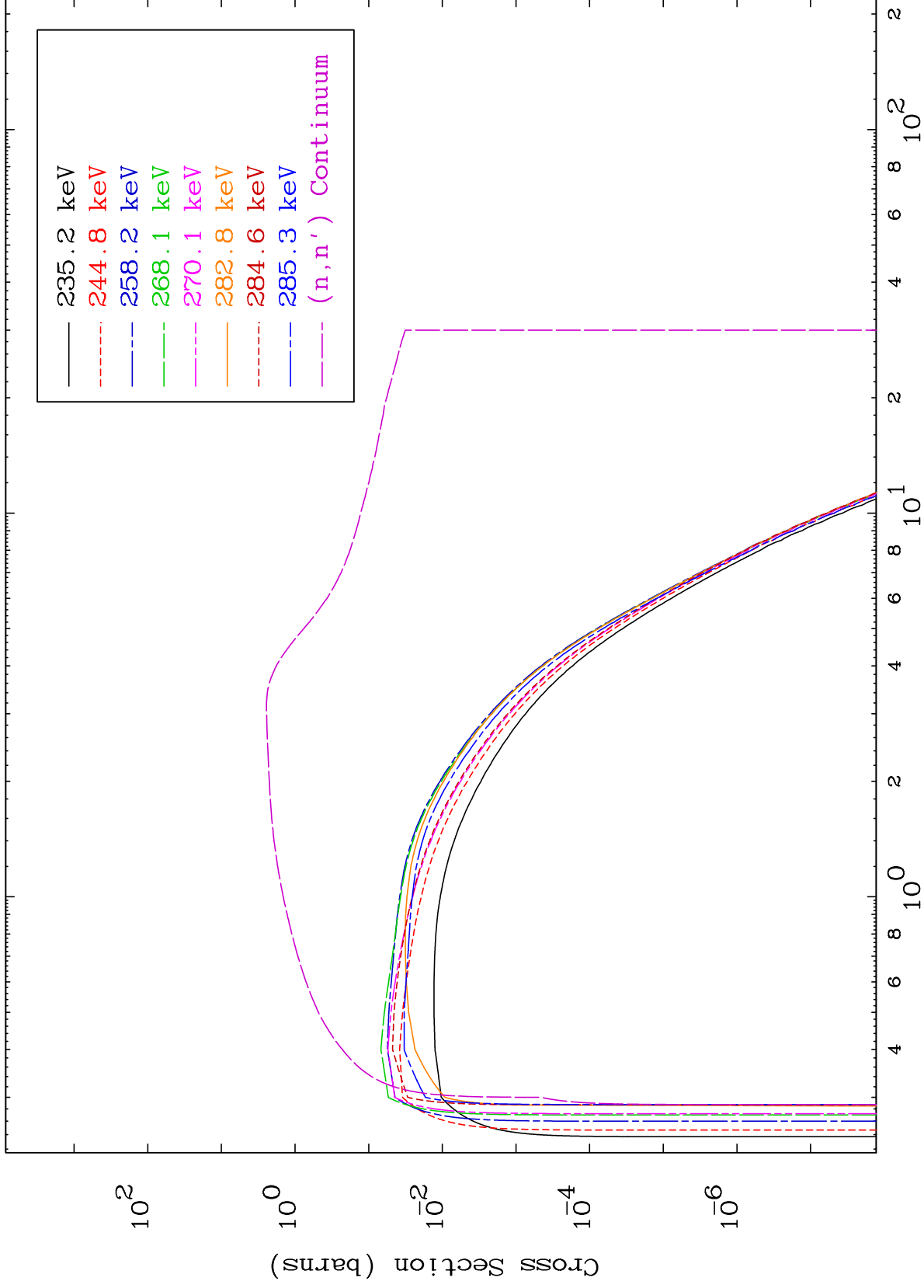
Incident Energy (MeV)

55-Cs-144

MAT 5559

(n,n') Level
293 Kelvin Cross Sections

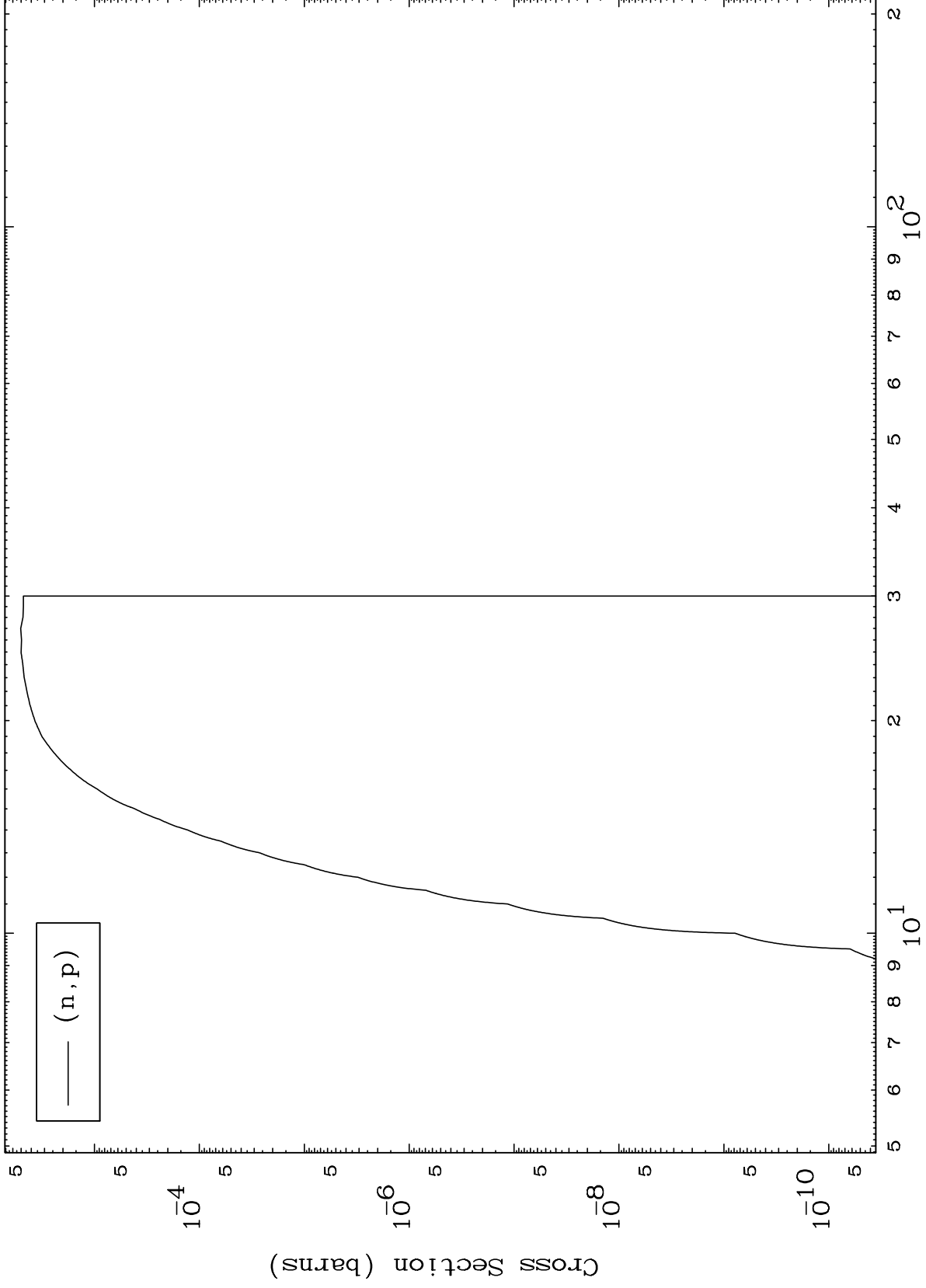
55-Cs-144



MAT 5559

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-144



10

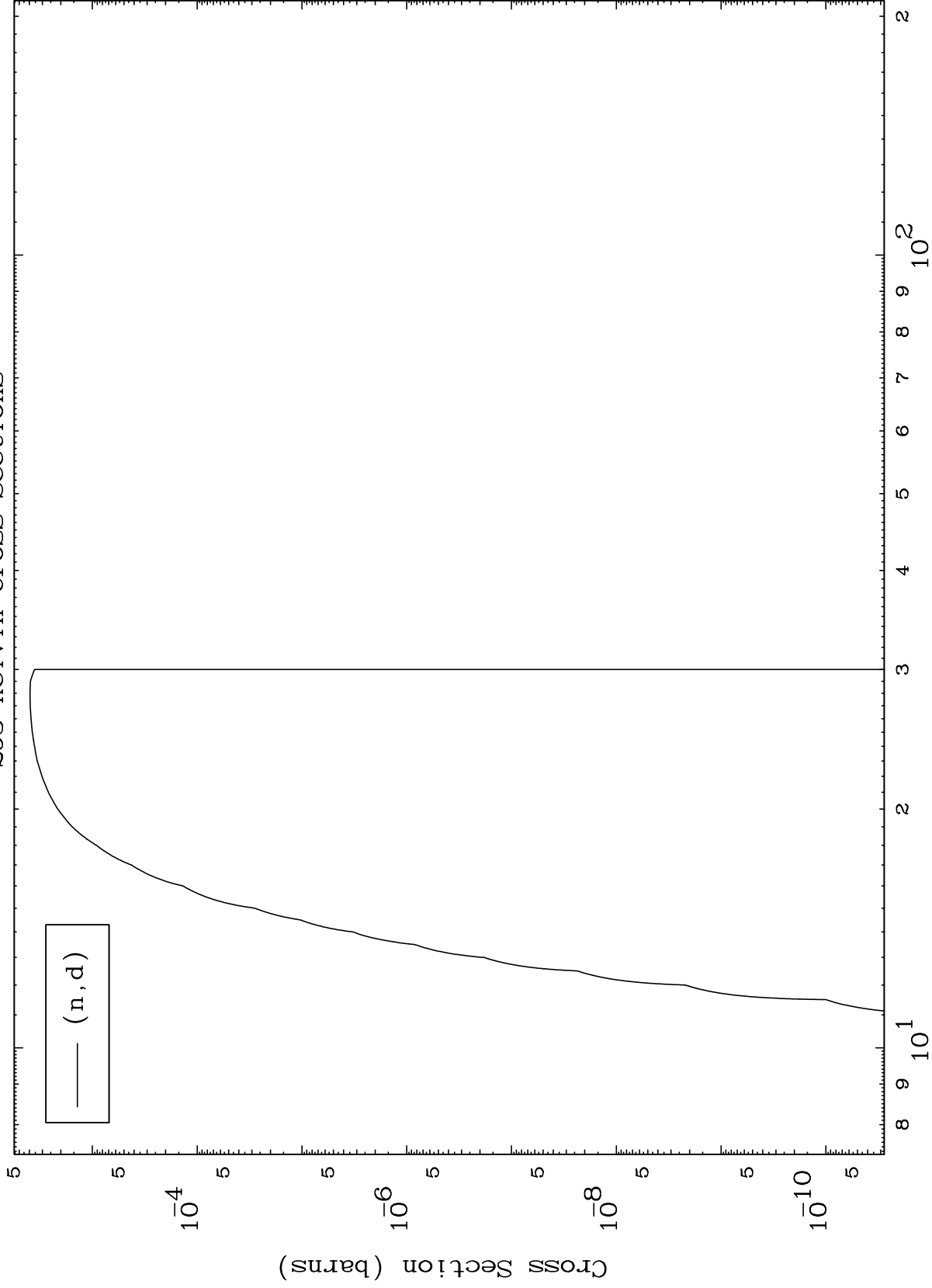
Incident Energy (MeV)

55-Cs-144

MAT 5559

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-144



11

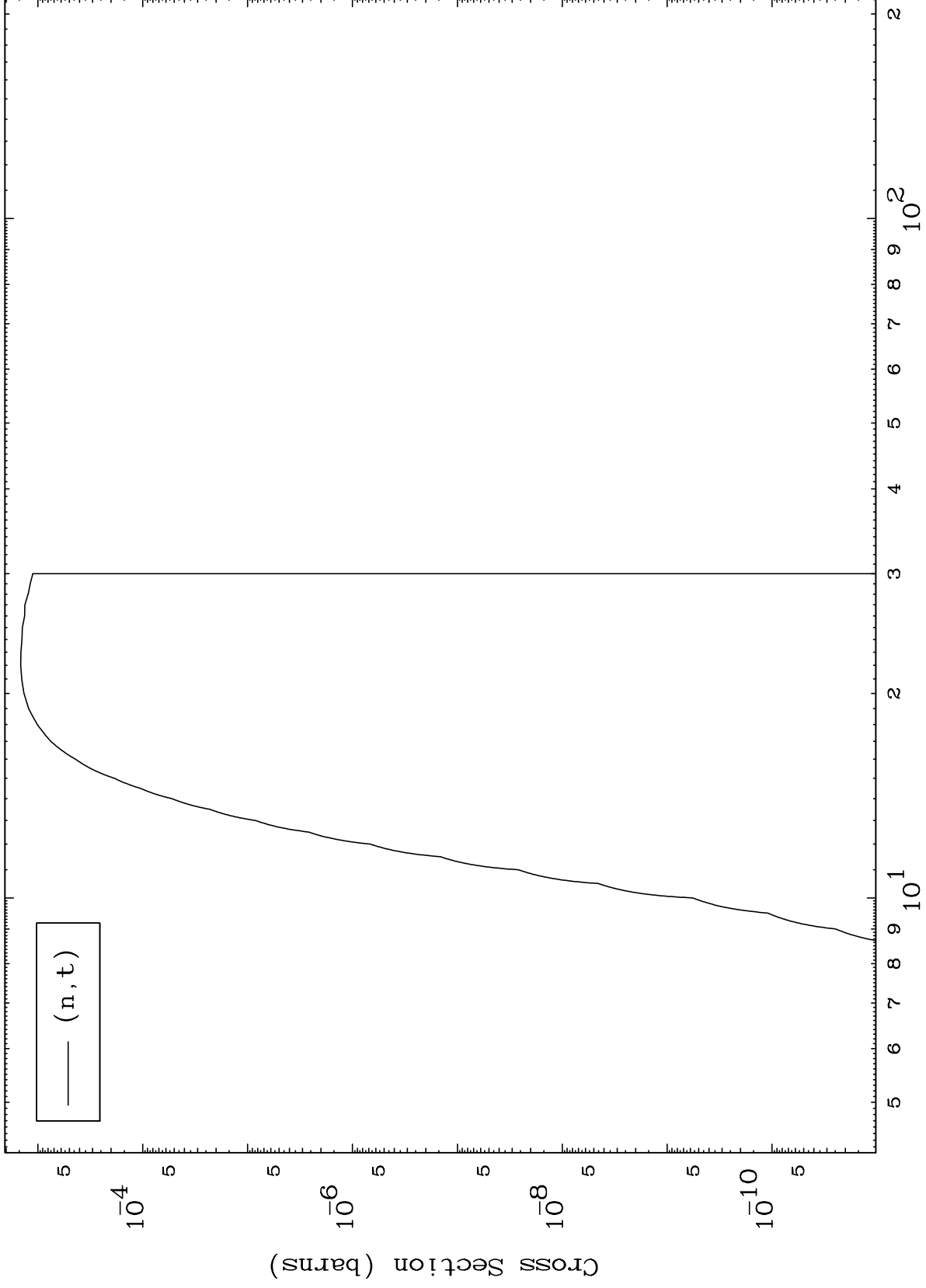
Incident Energy (MeV)

55-Cs-144

MAT 5559

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-144



12

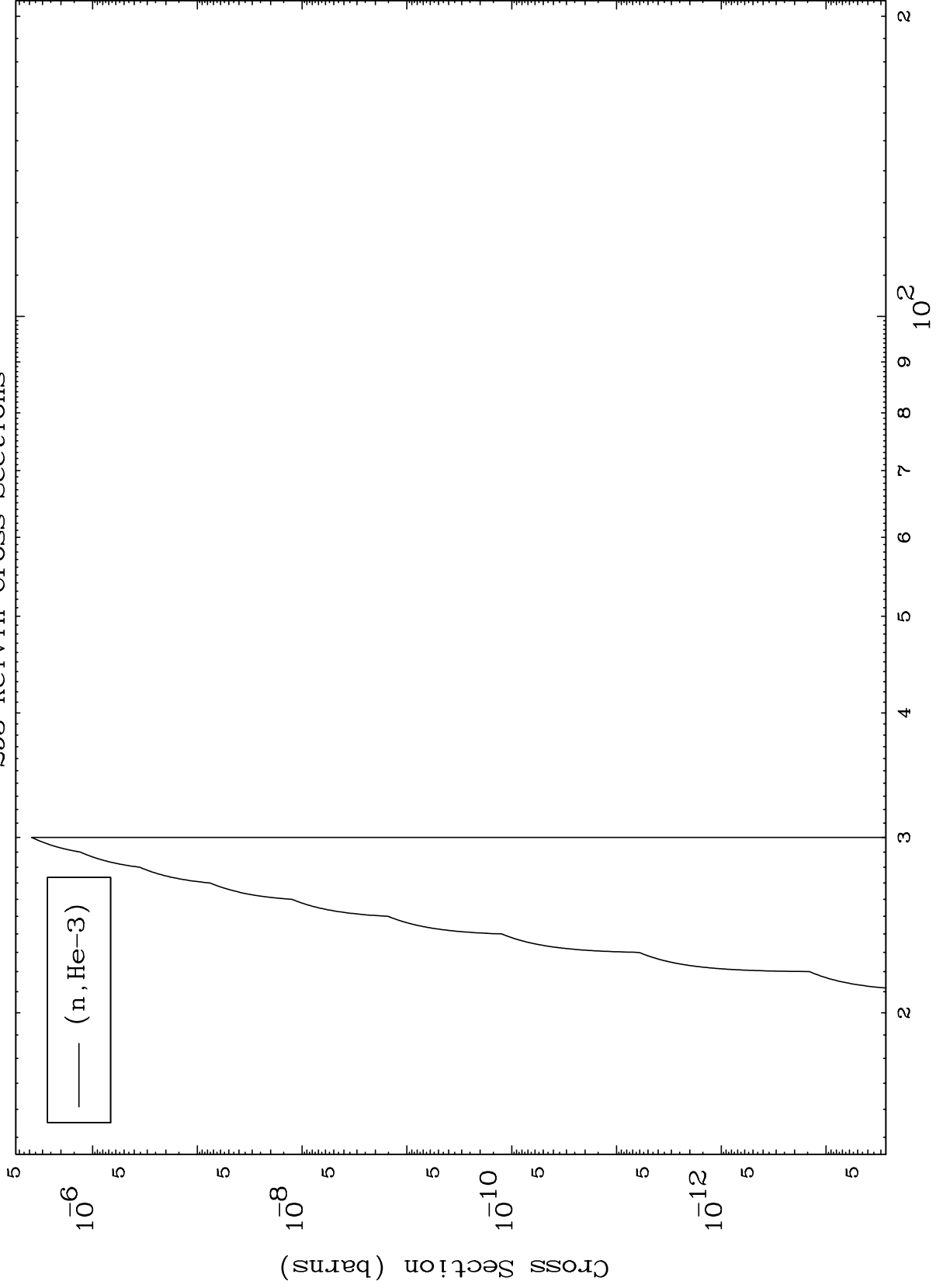
Incident Energy (MeV)

55-Cs-144

MAT 5559

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-144



13

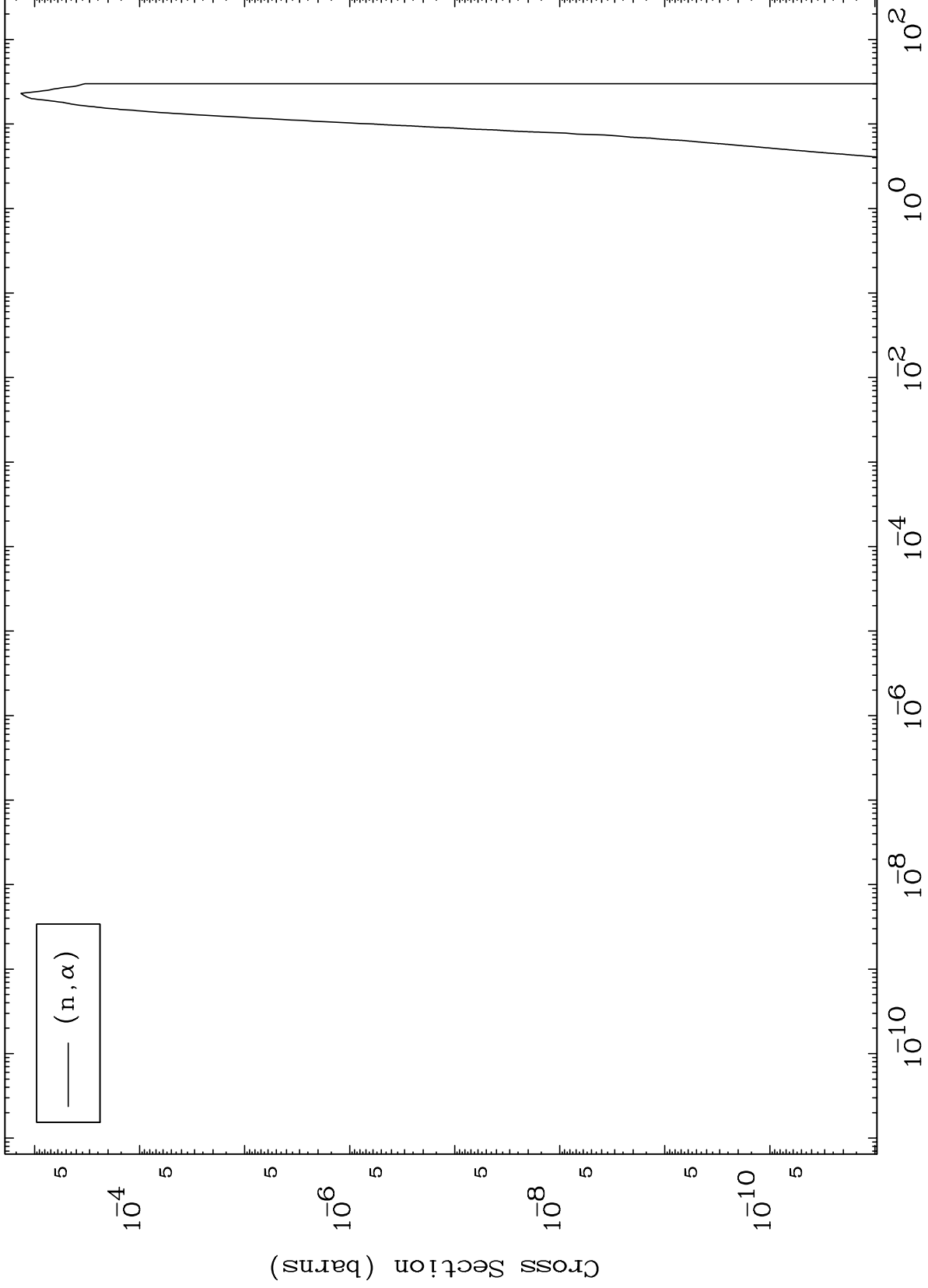
Incident Energy (MeV)

55-Cs-144

MAT 5559

(n, α) Levels
293 Kelvin Cross Sections

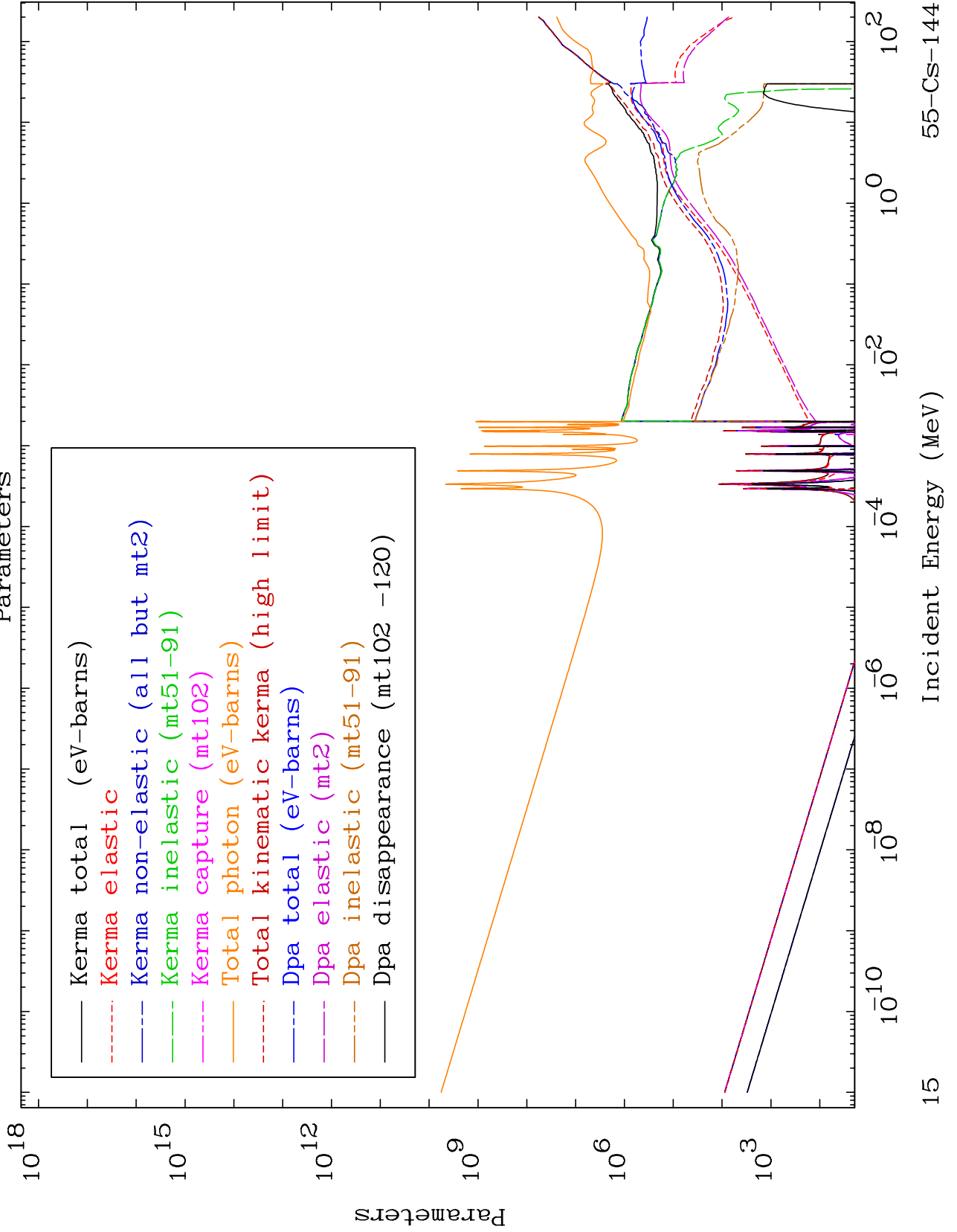
55-Cs-144



14

Incident Energy (MeV)

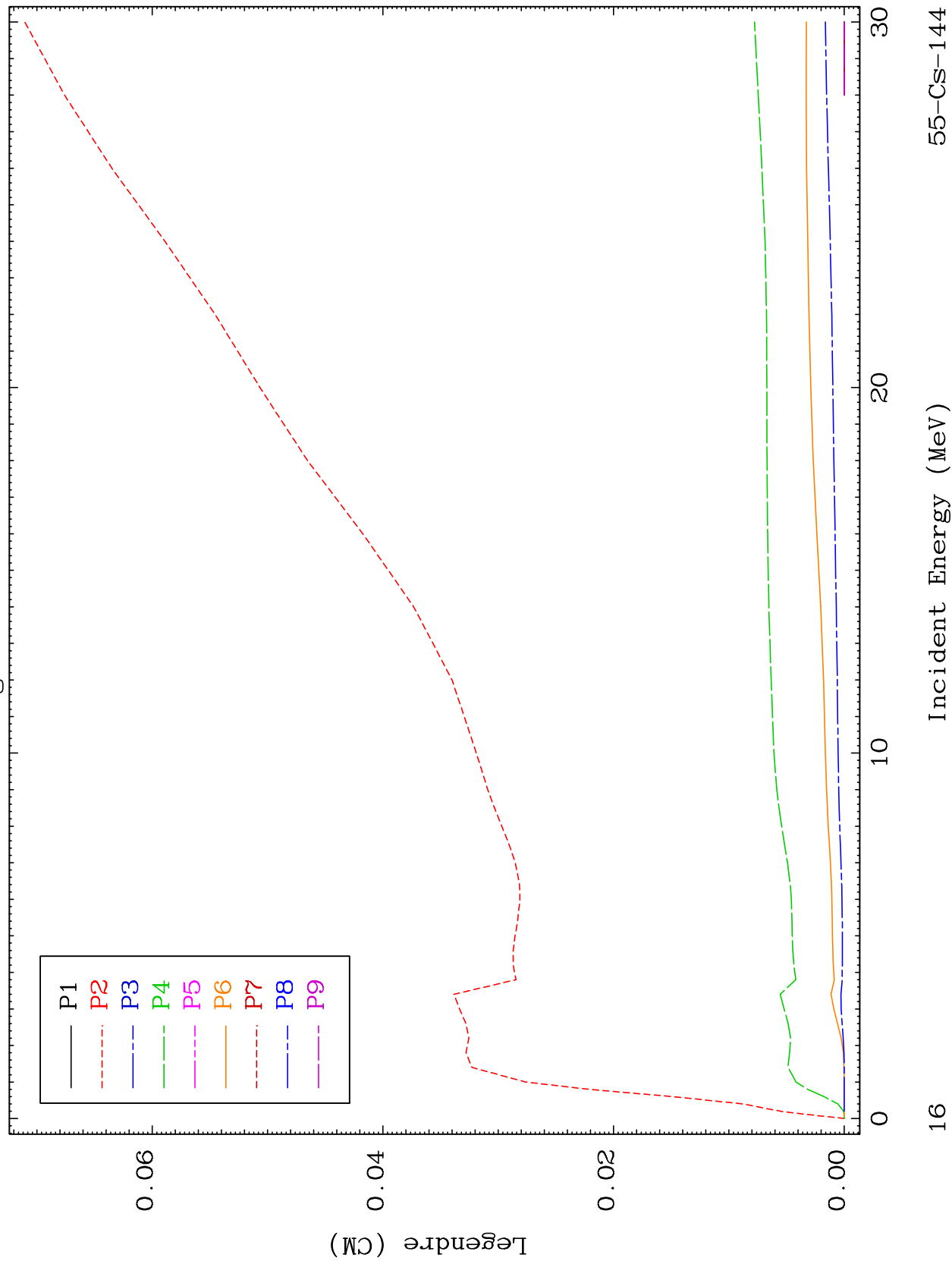
55-Cs-144



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Elastic Legendre Coefficients

55-Cs-144



16

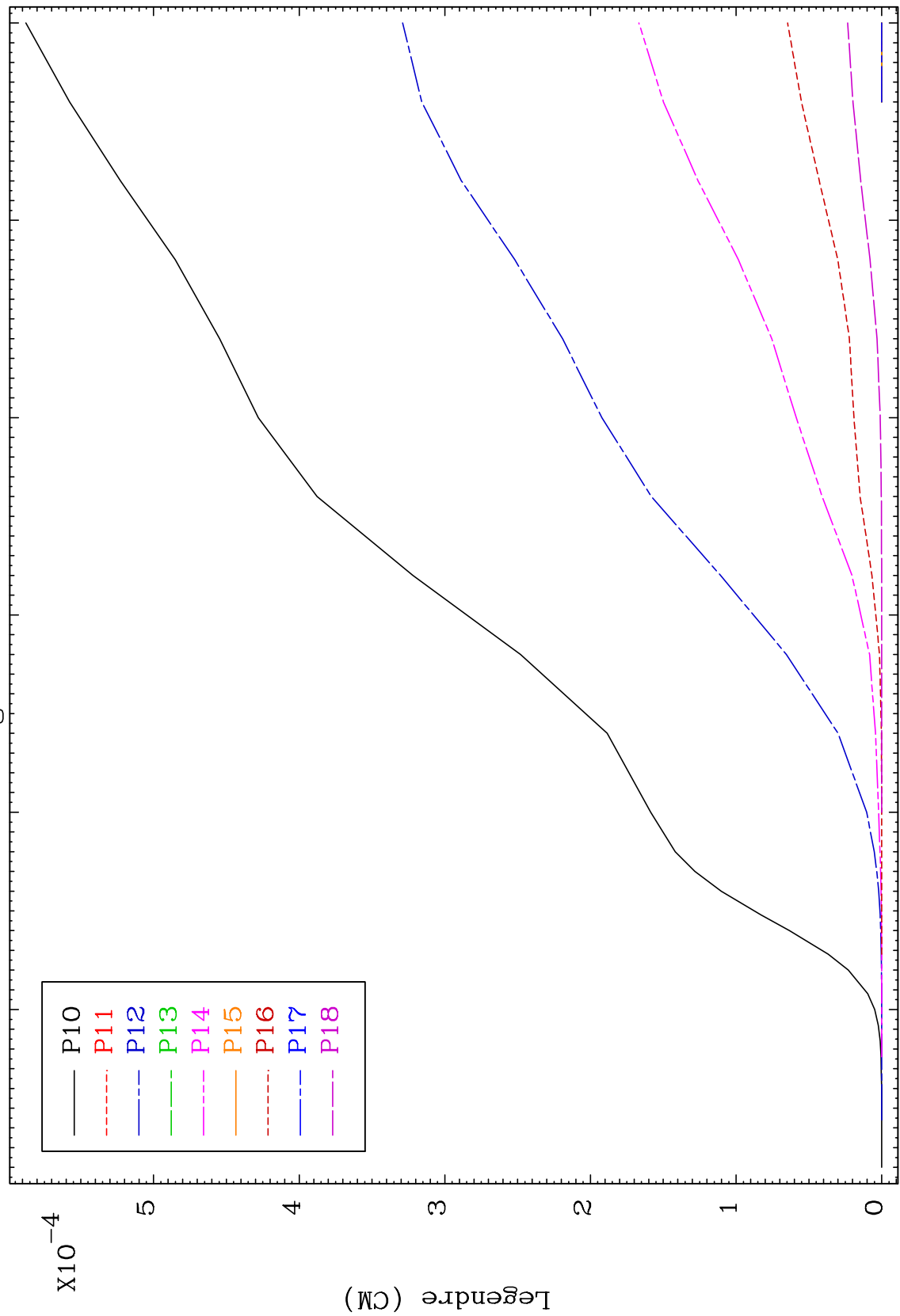
Incident Energy (MeV)

55-Cs-144

MAT 5559

Elastic Legendre Coefficients

55-Cs-144



17

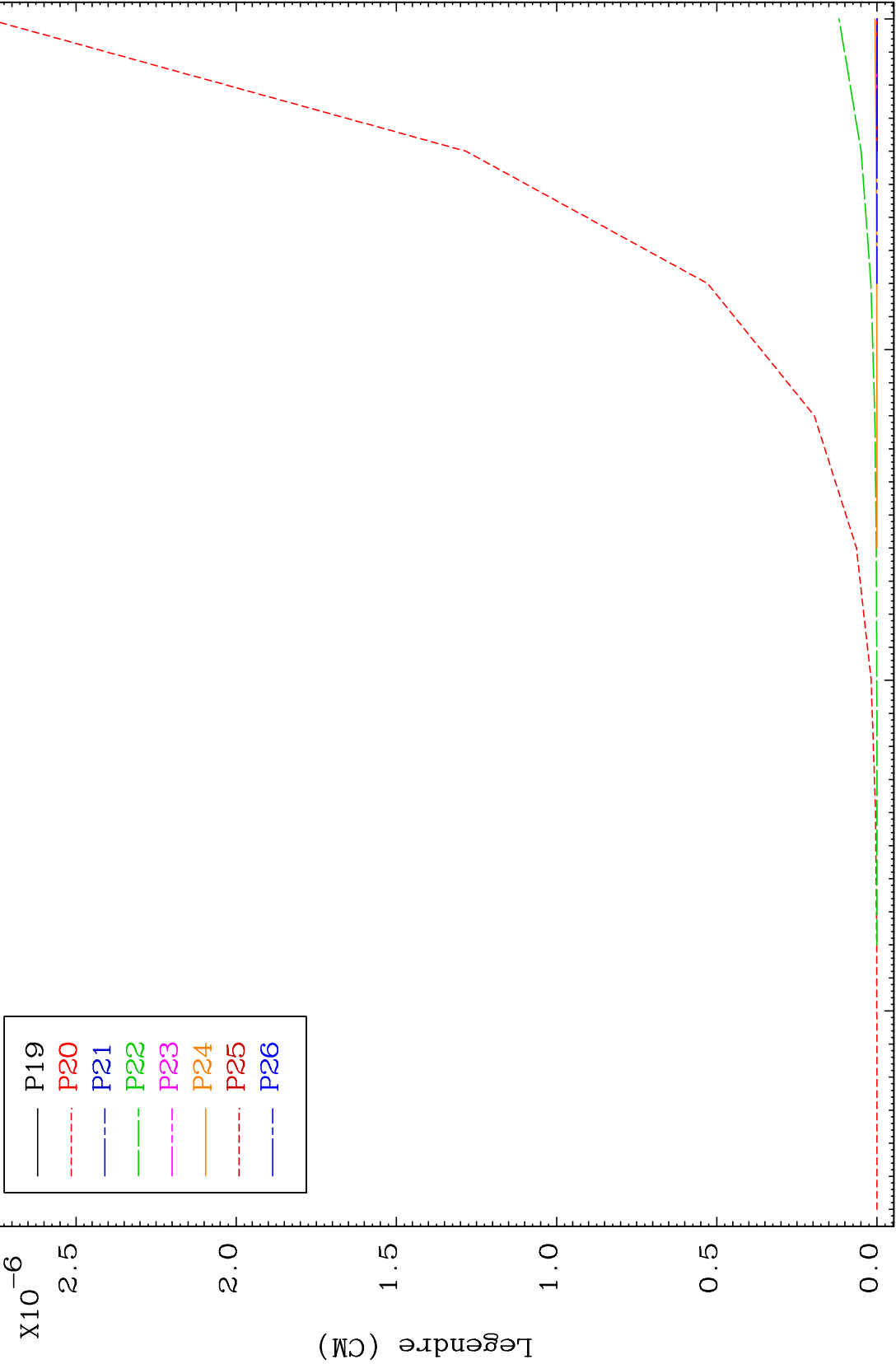
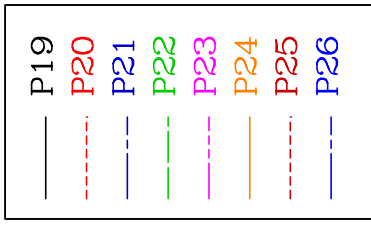
55-Cs-144

Incident Energy (MeV)

MAT 5559

Elastic Legendre Coefficients

55-Cs-144



18

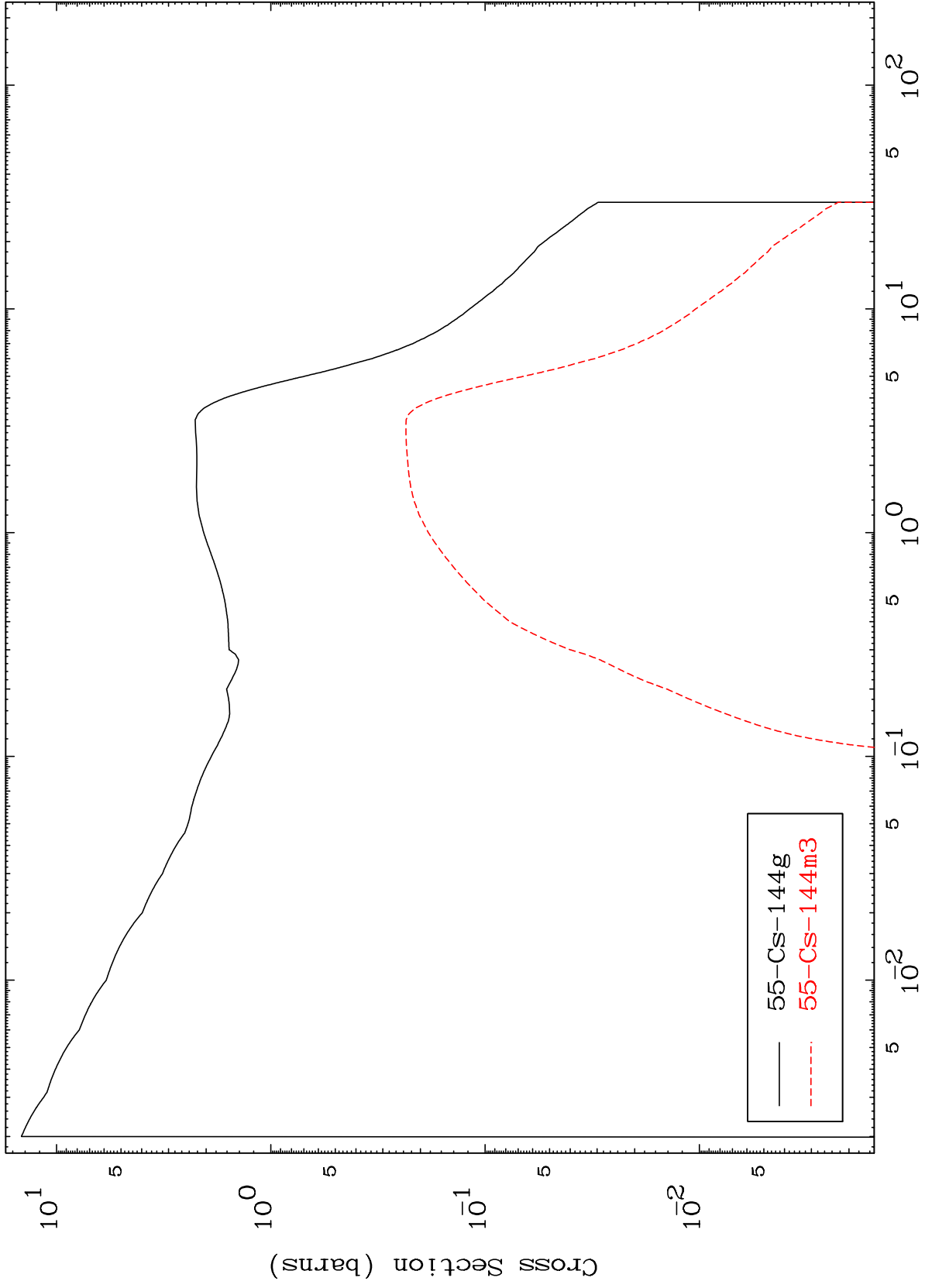
Incident Energy (MeV)

55-Cs-144

MAT 5559

Inelastic
Radionuclide Production Cross Section

55-Cs-144



— 55-Cs-144g
- - - 55-Cs-144m3