

Program EVALPLOT
(Version 2015-2)

by

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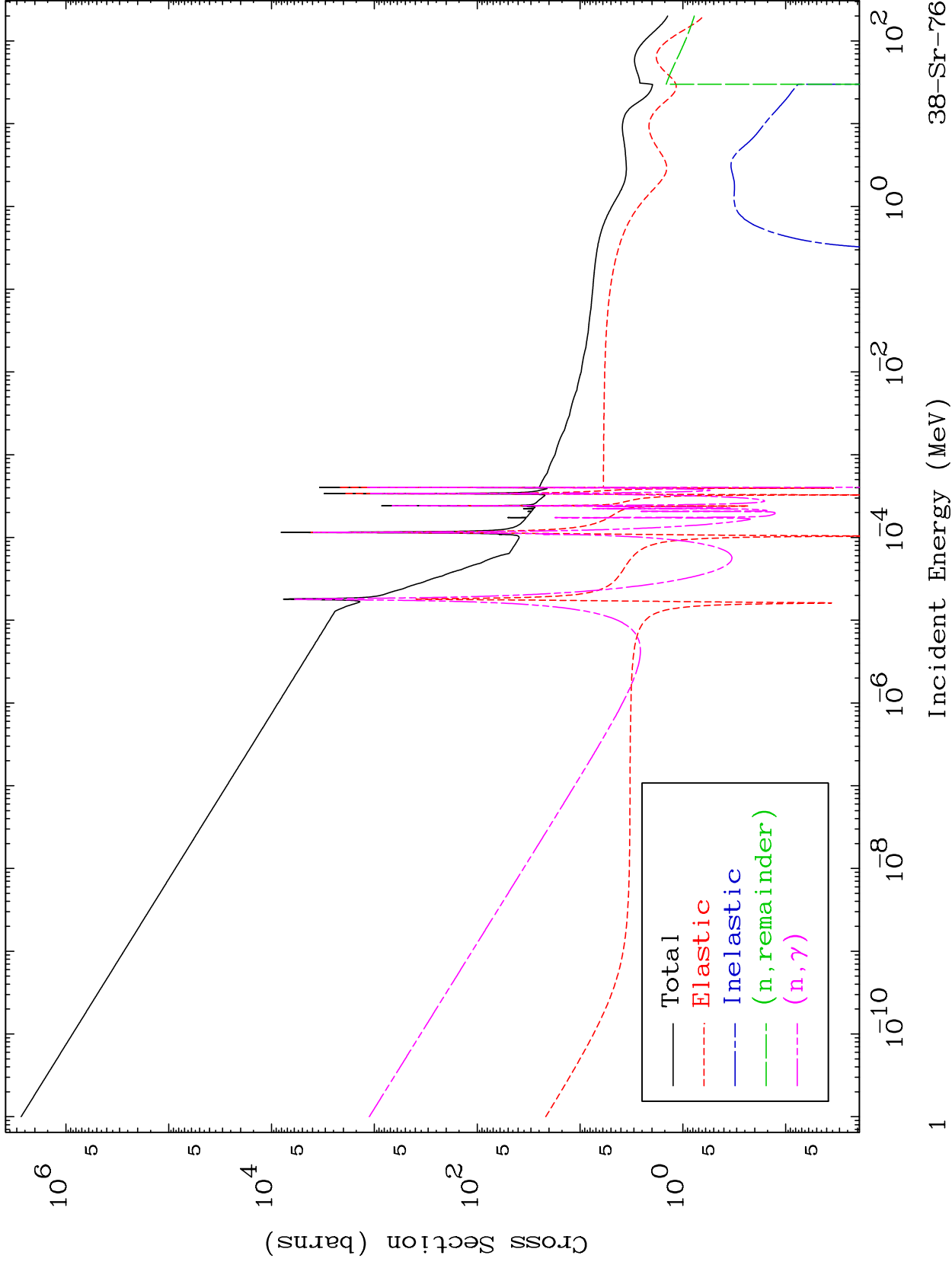
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3801

Major
293 Kelvin Cross Sections

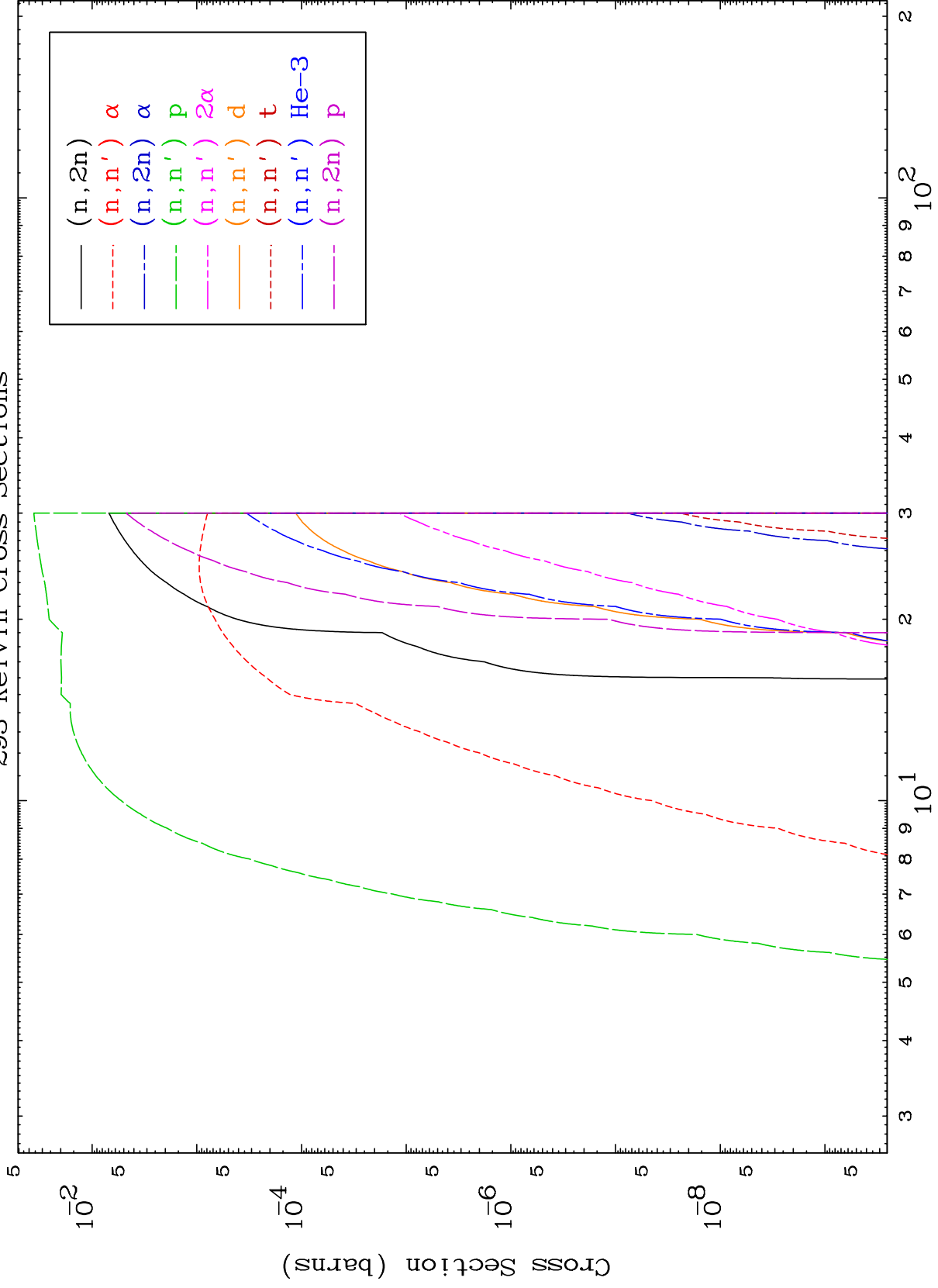
38-Sr-76



MAT 3801

Neutron Production
293 Kelvin Cross Sections

38-Sr-76



2

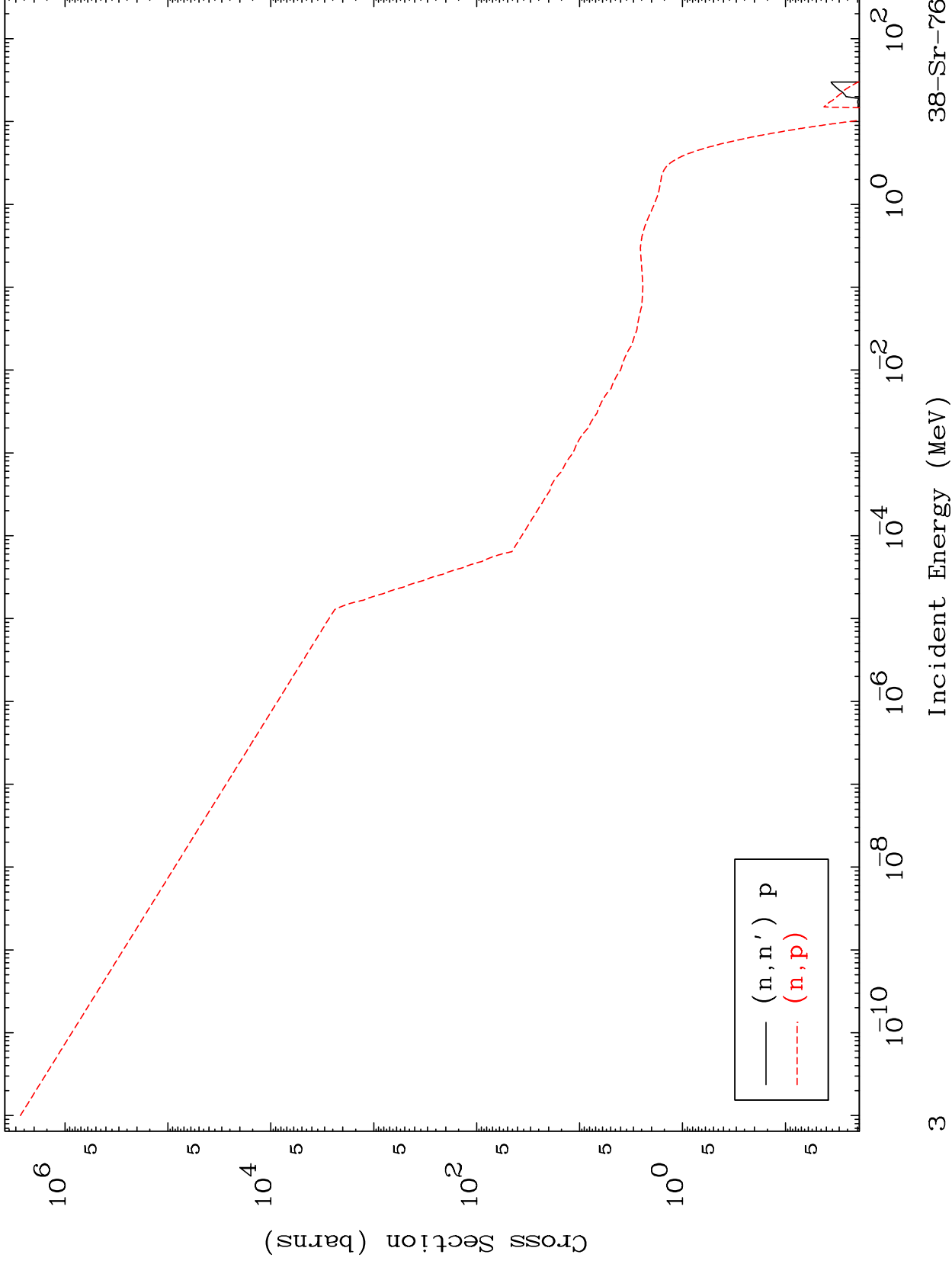
Incident Energy (MeV)

38-Sr-76

MAT 3801

Charged Particle
293 Kelvin Cross Sections

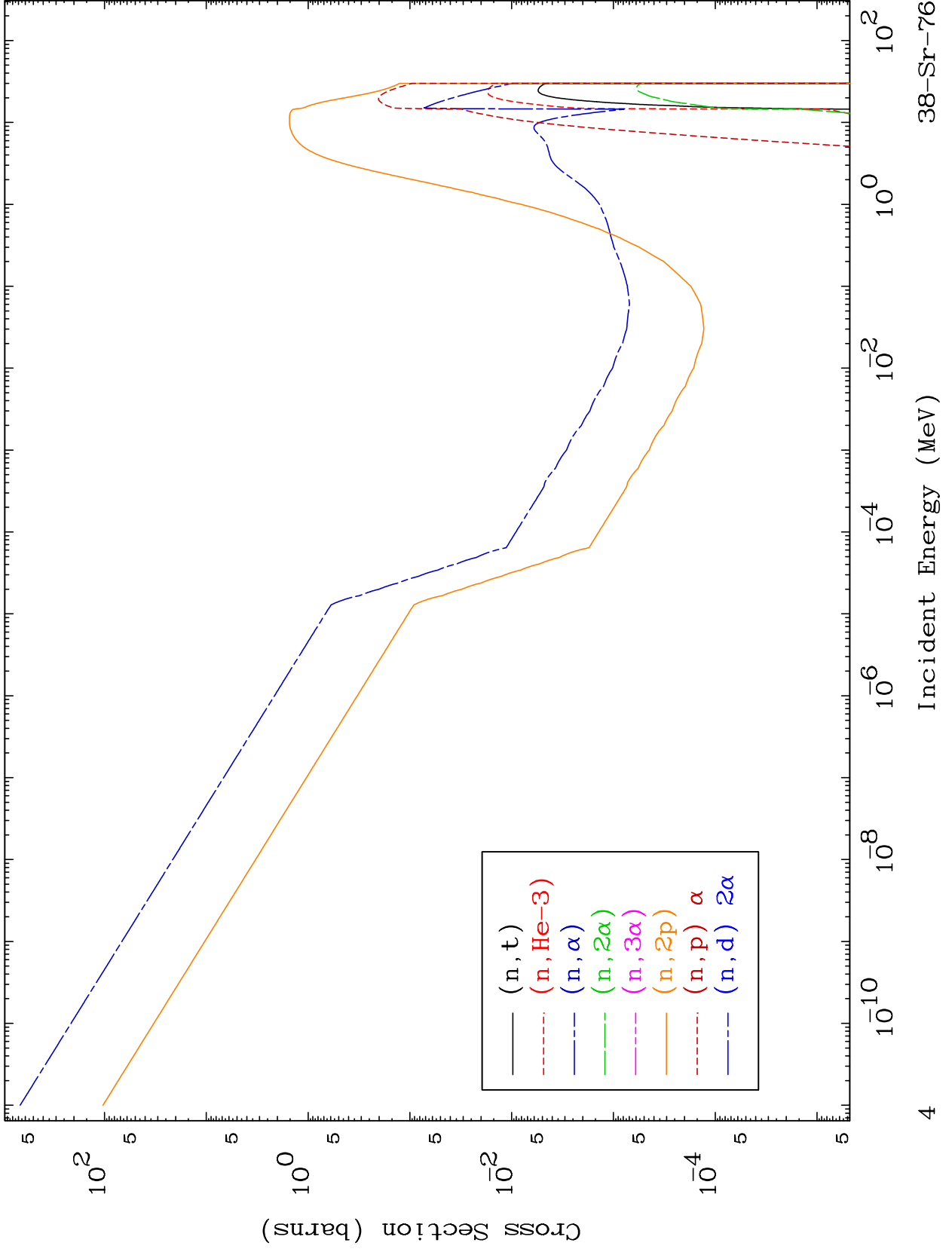
38-Sr-76



MAT 3801

Charged Particle
293 Kelvin Cross Sections

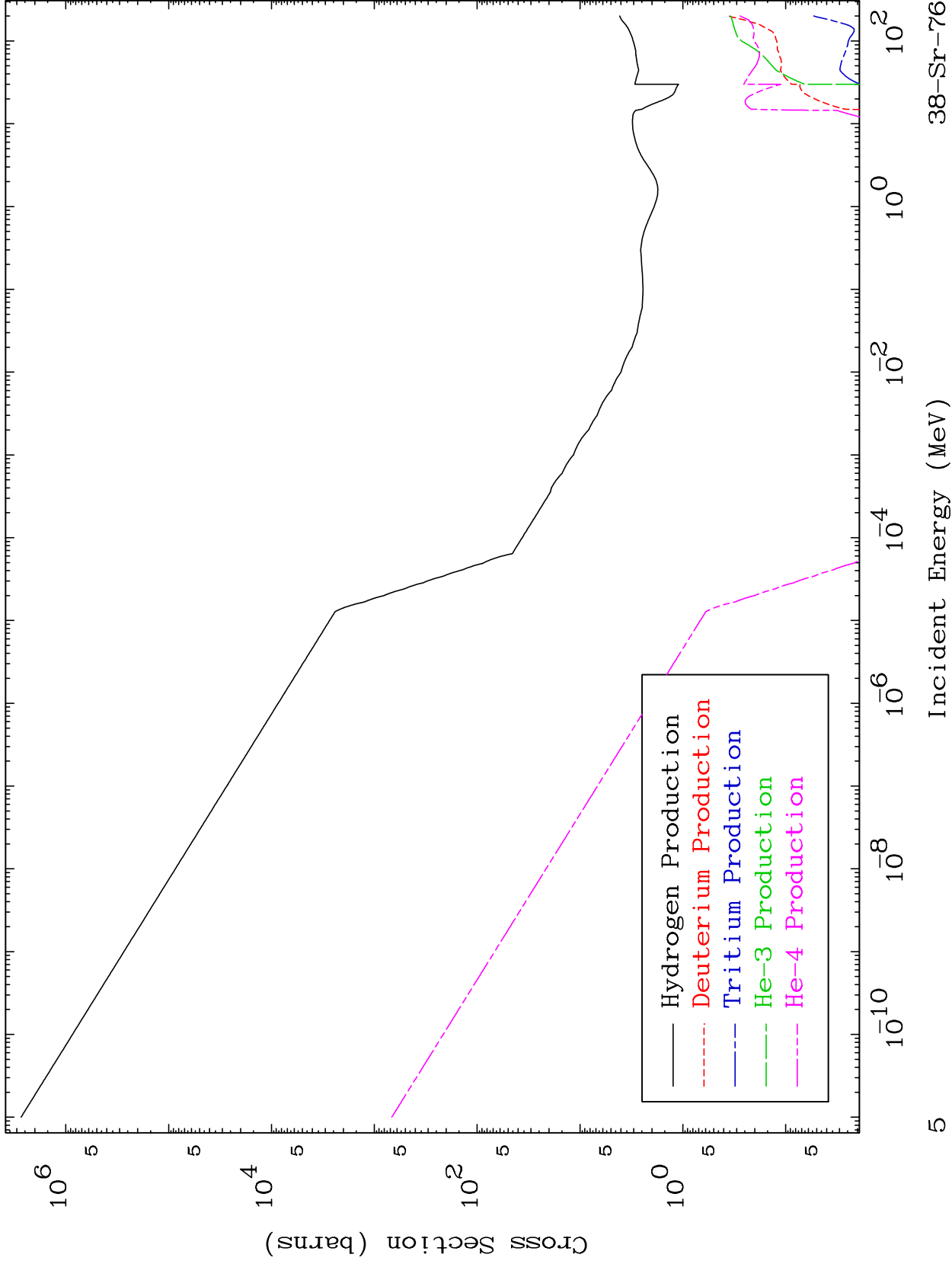
38-Sr-76



MAT 3801

Particle Production
293 Kelvin Cross Sections

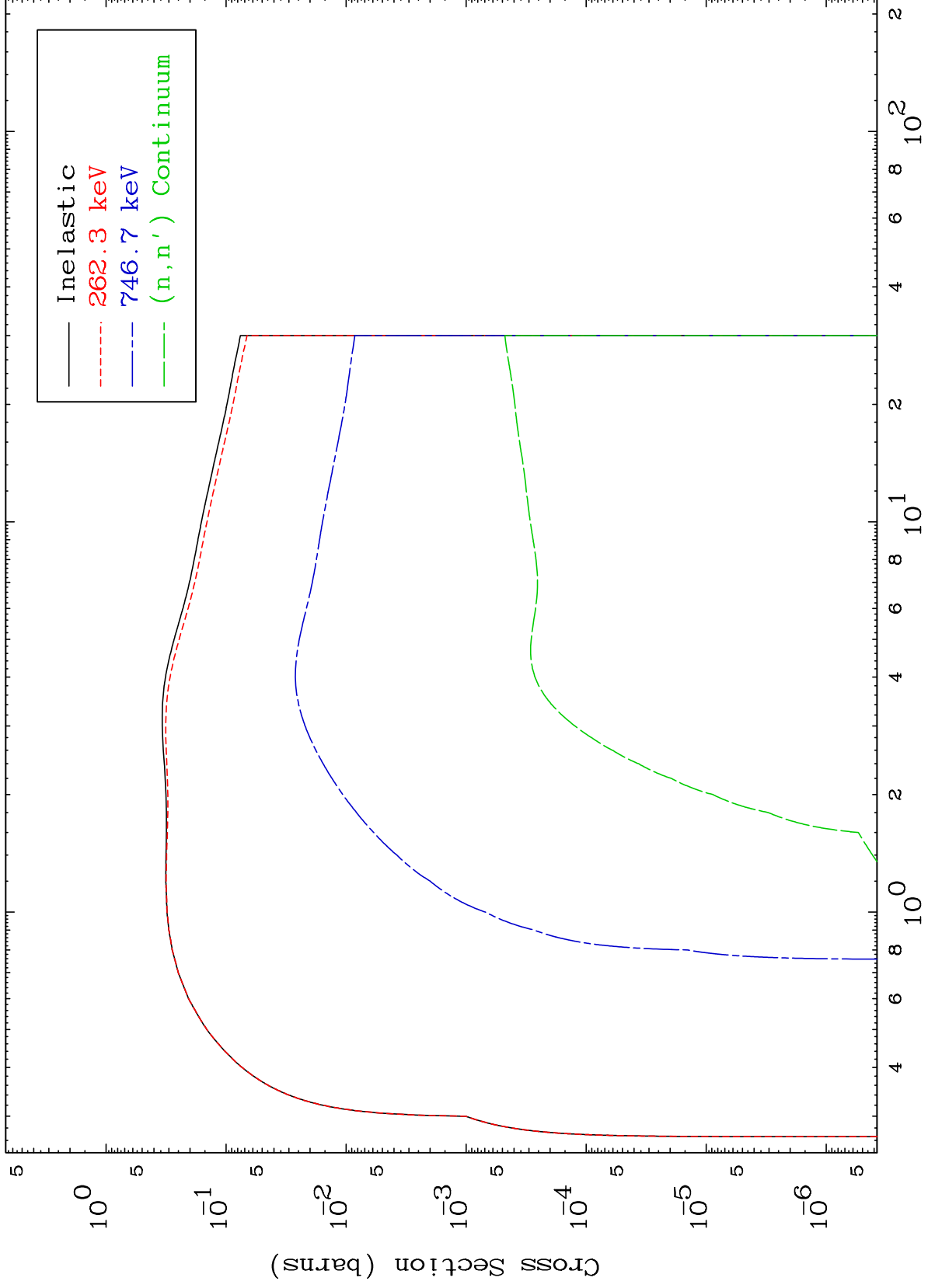
38-Sr-76



MAT 3801

(n,n') Level
293 Kelvin Cross Sections

38-Sr-76



6

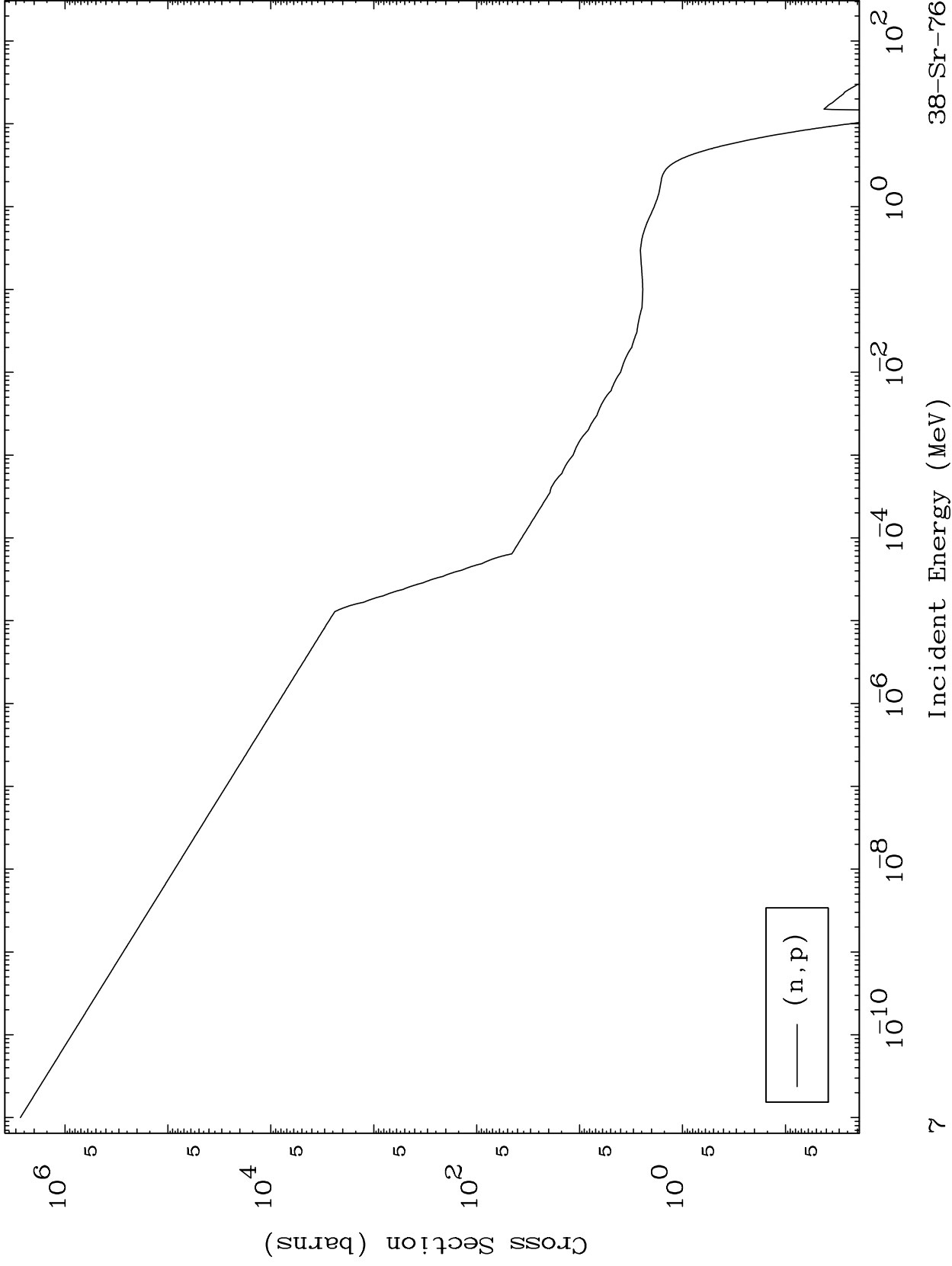
Incident Energy (MeV)

38-Sr-76

MAT 3801

(n,p) Levels
293 Kelvin Cross Sections

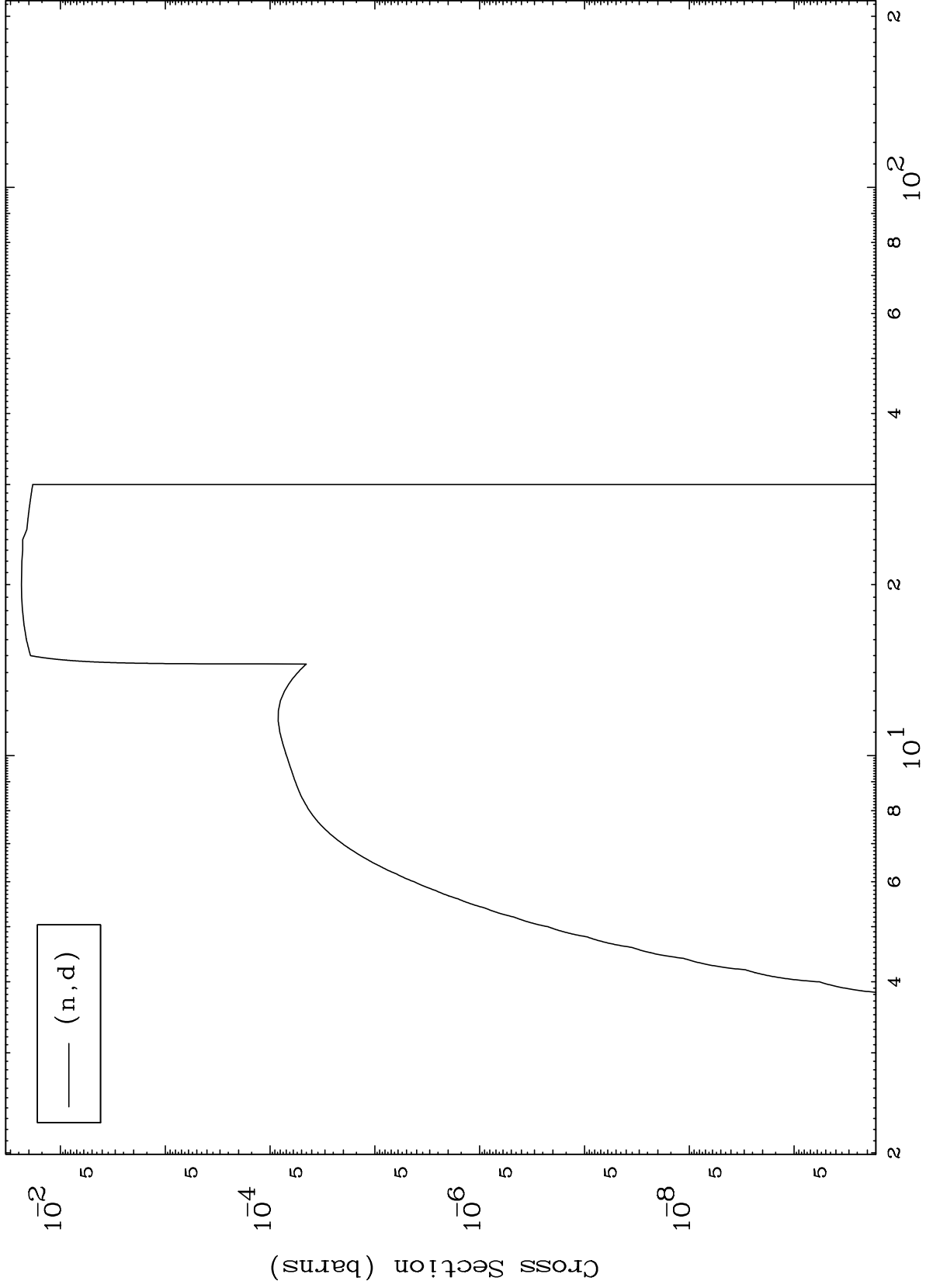
38-Sr-76



MAT 3801

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-76



8

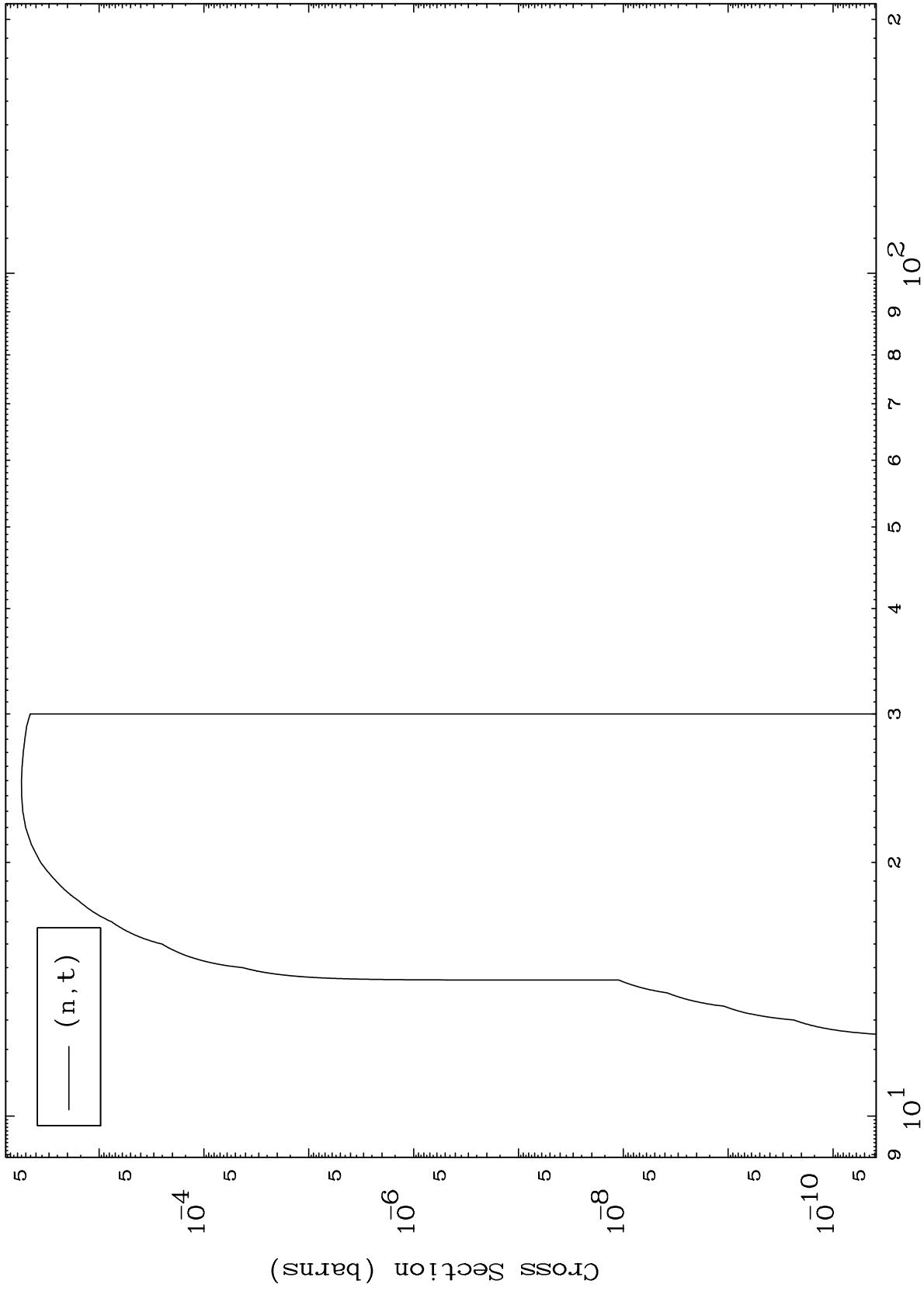
Incident Energy (MeV)

38-Sr-76

MAT 3801

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-76



9

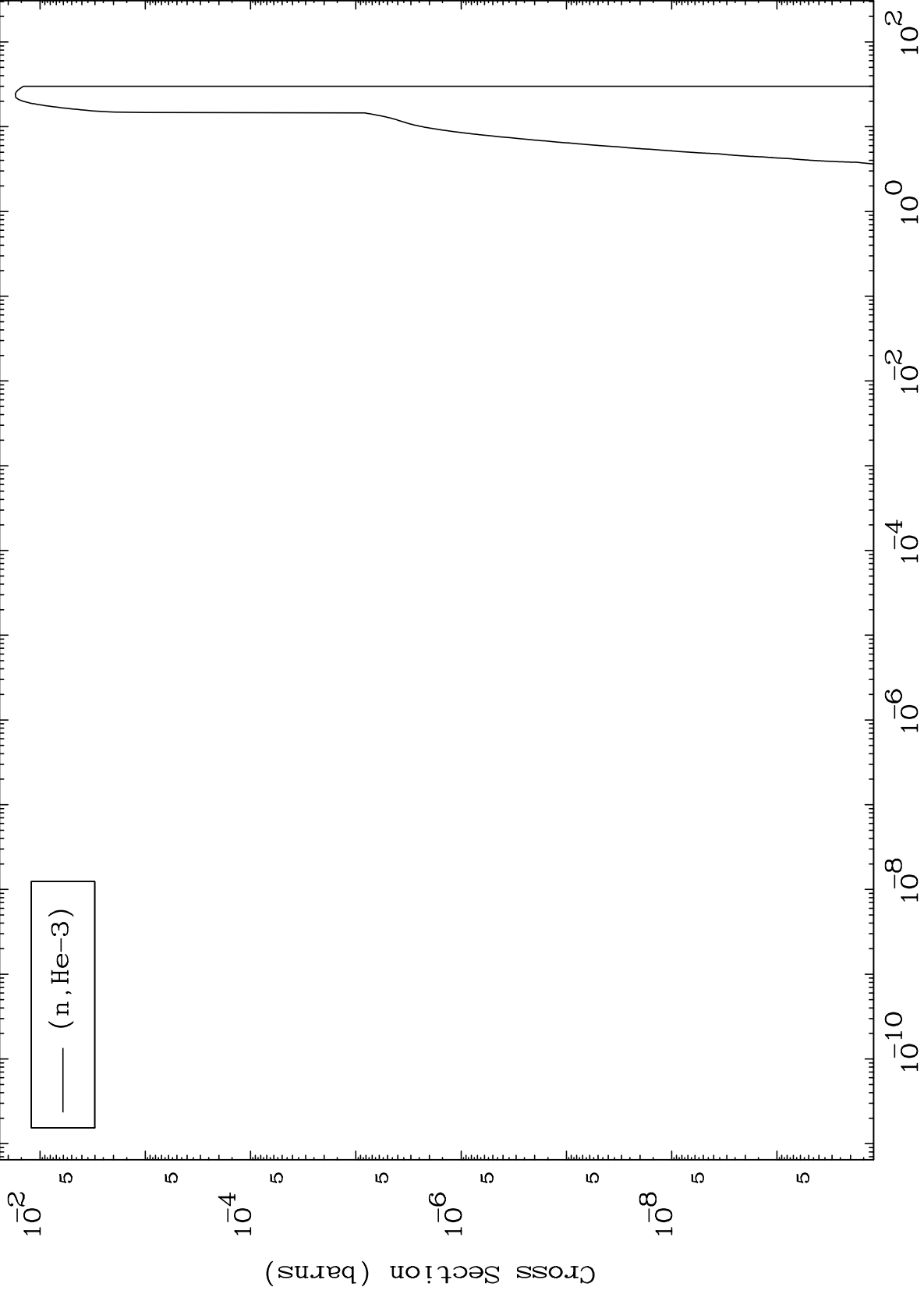
Incident Energy (MeV)

38-Sr-76

MAT 3801

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-76



10

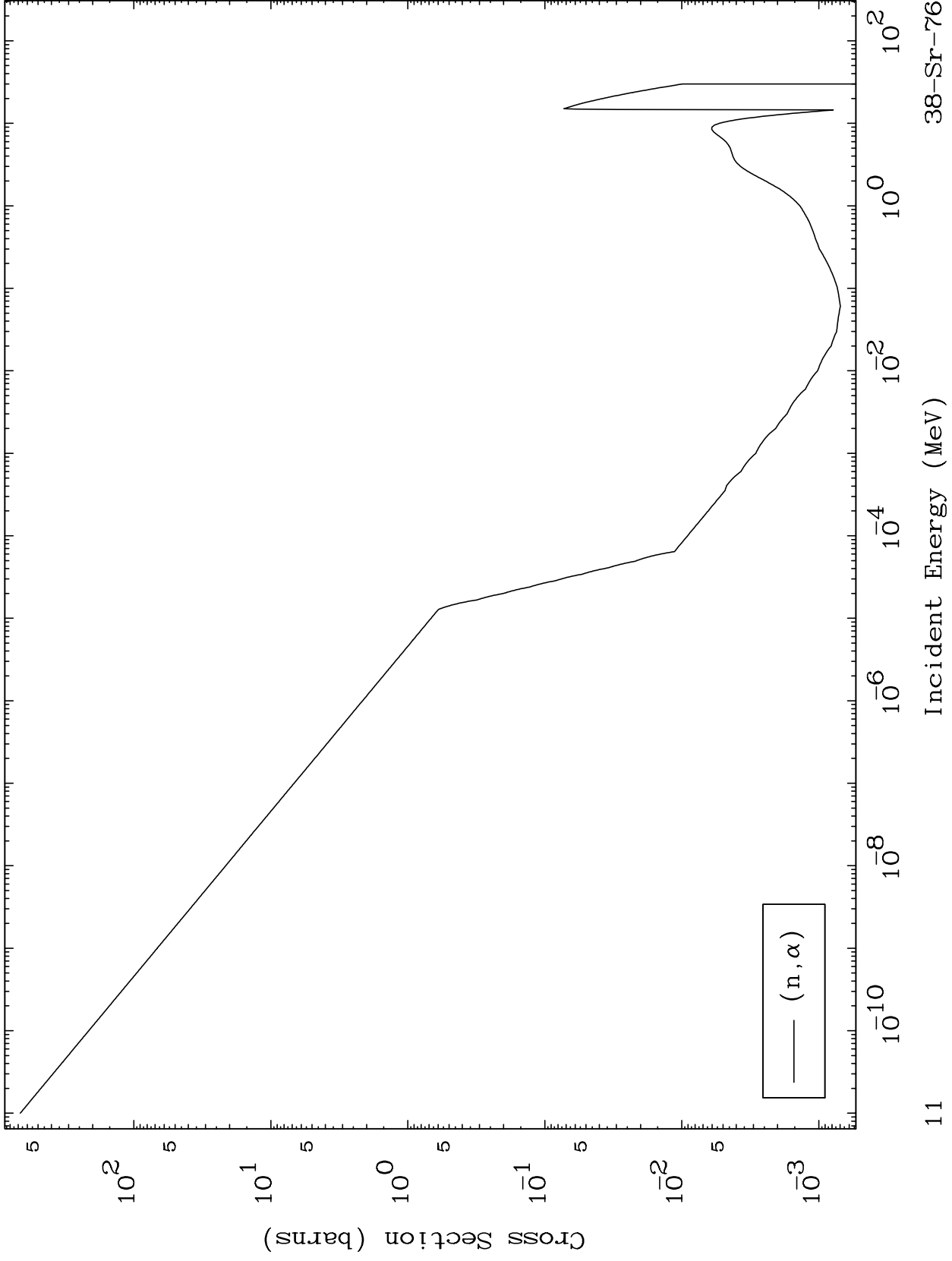
Incident Energy (MeV)

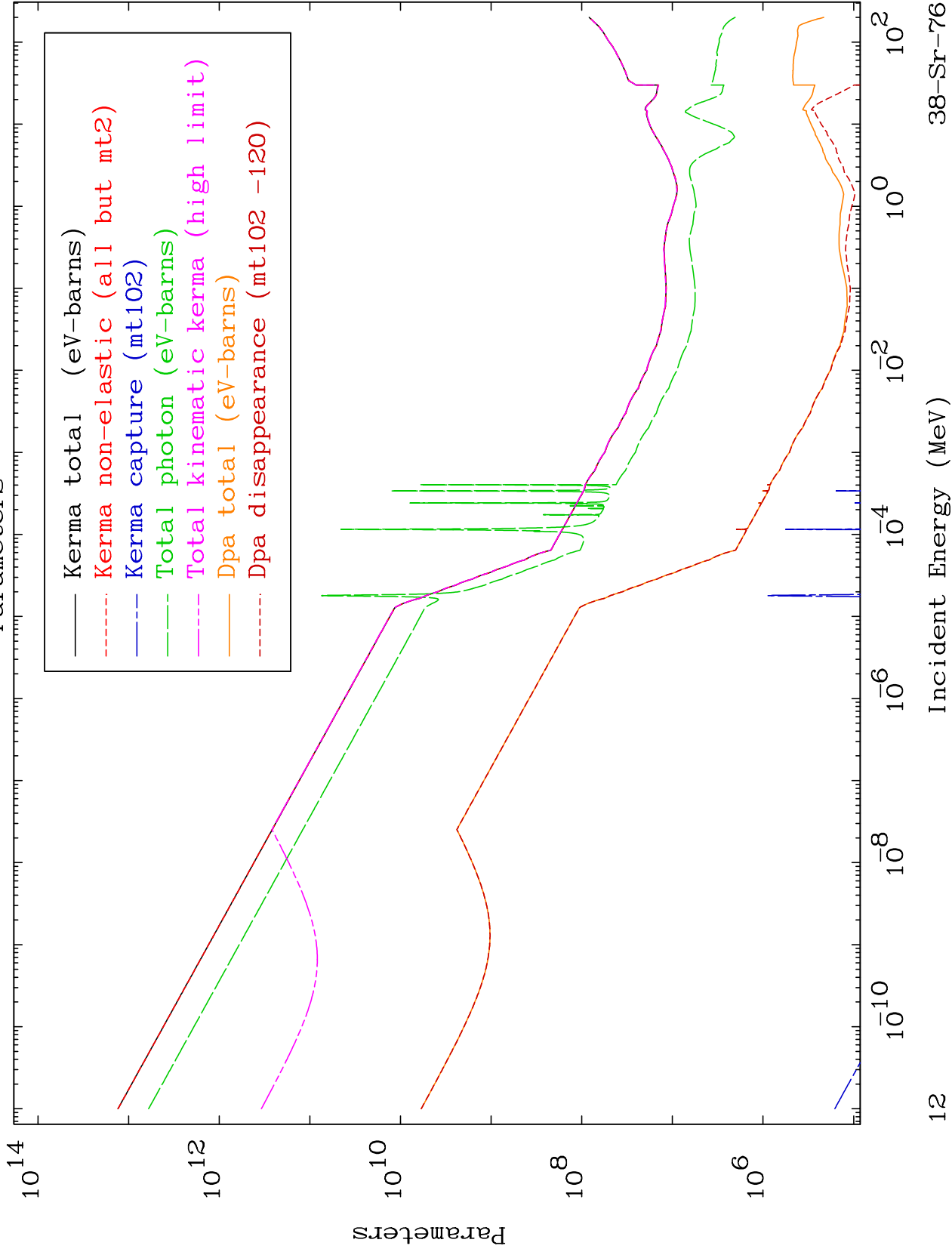
38-Sr-76

MAT 3801

(n,α) Levels
293 Kelvin Cross Sections

38-Sr-76

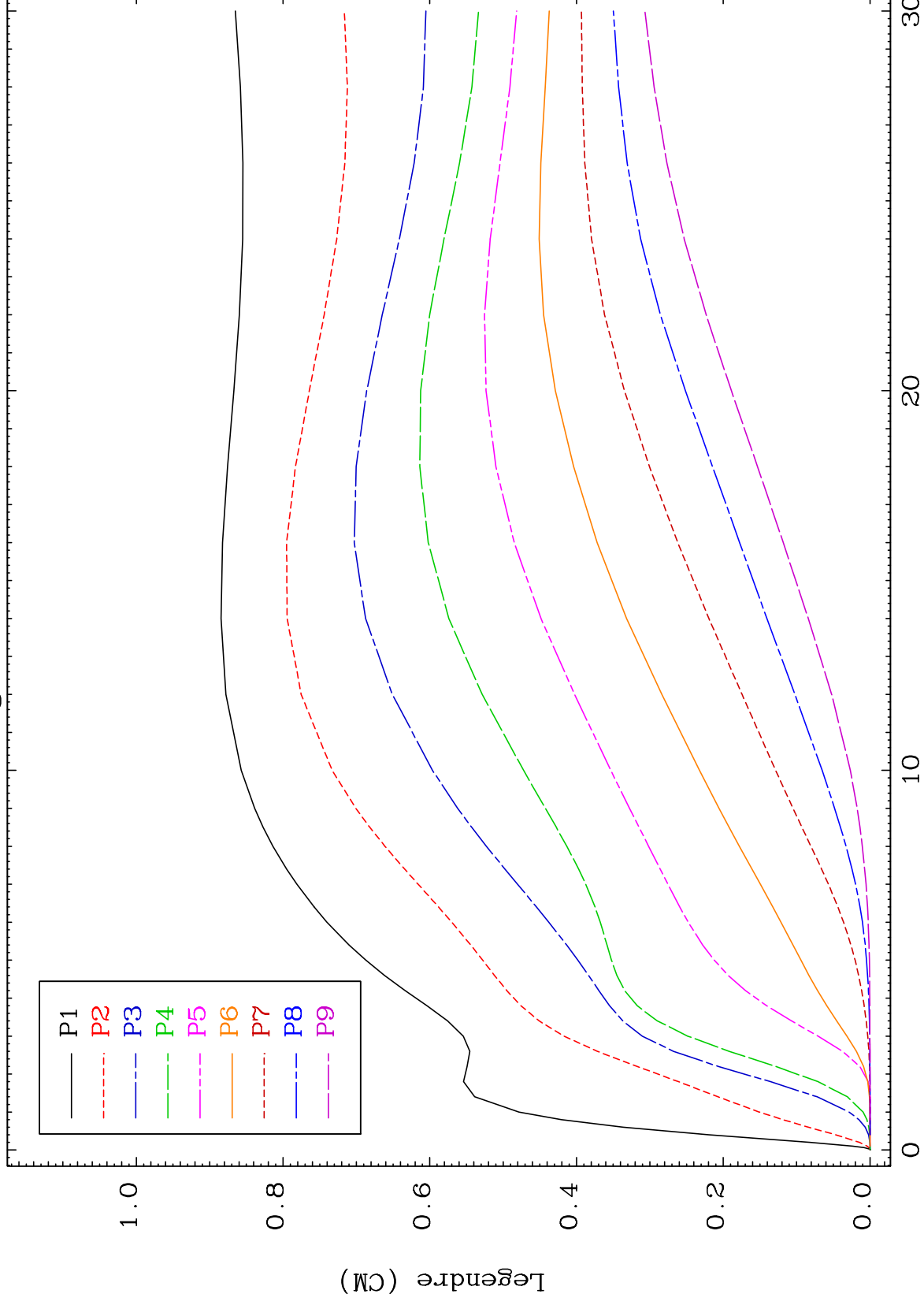




MAT 3801

Elastic Legendre Coefficients

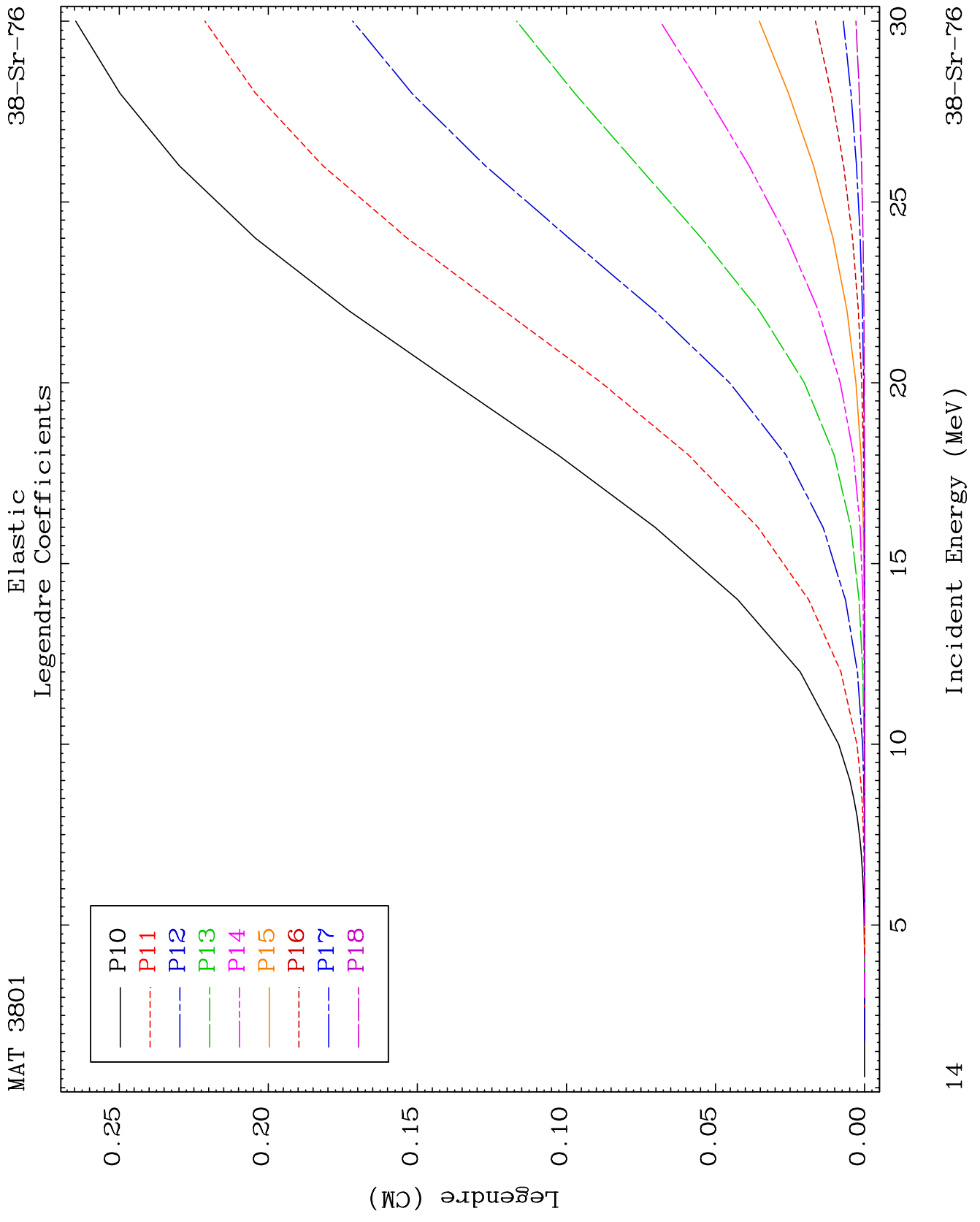
³⁸Sr-76



13

Incident Energy (MeV)

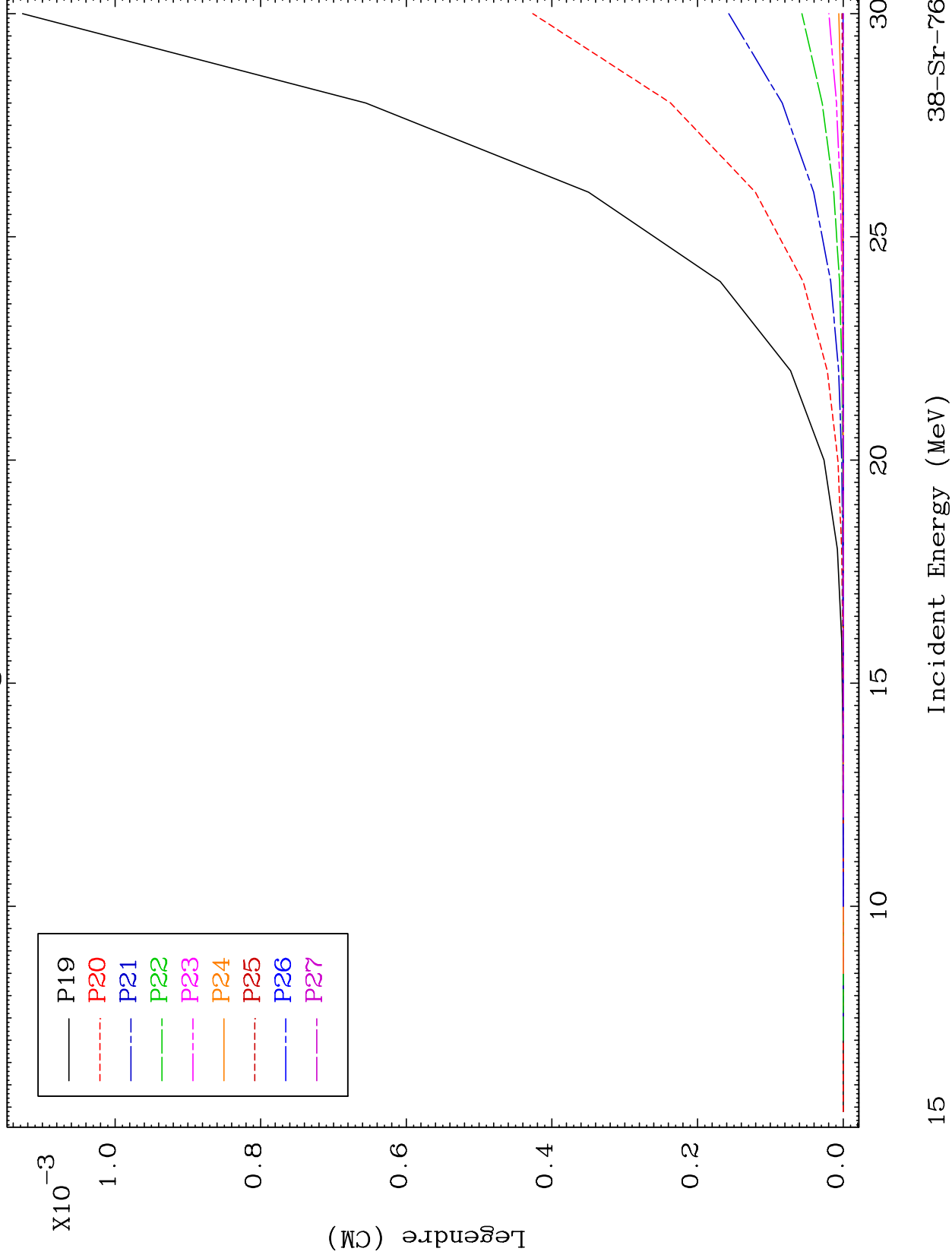
³⁸Sr-76



MAT 3801

Elastic Legendre Coefficients

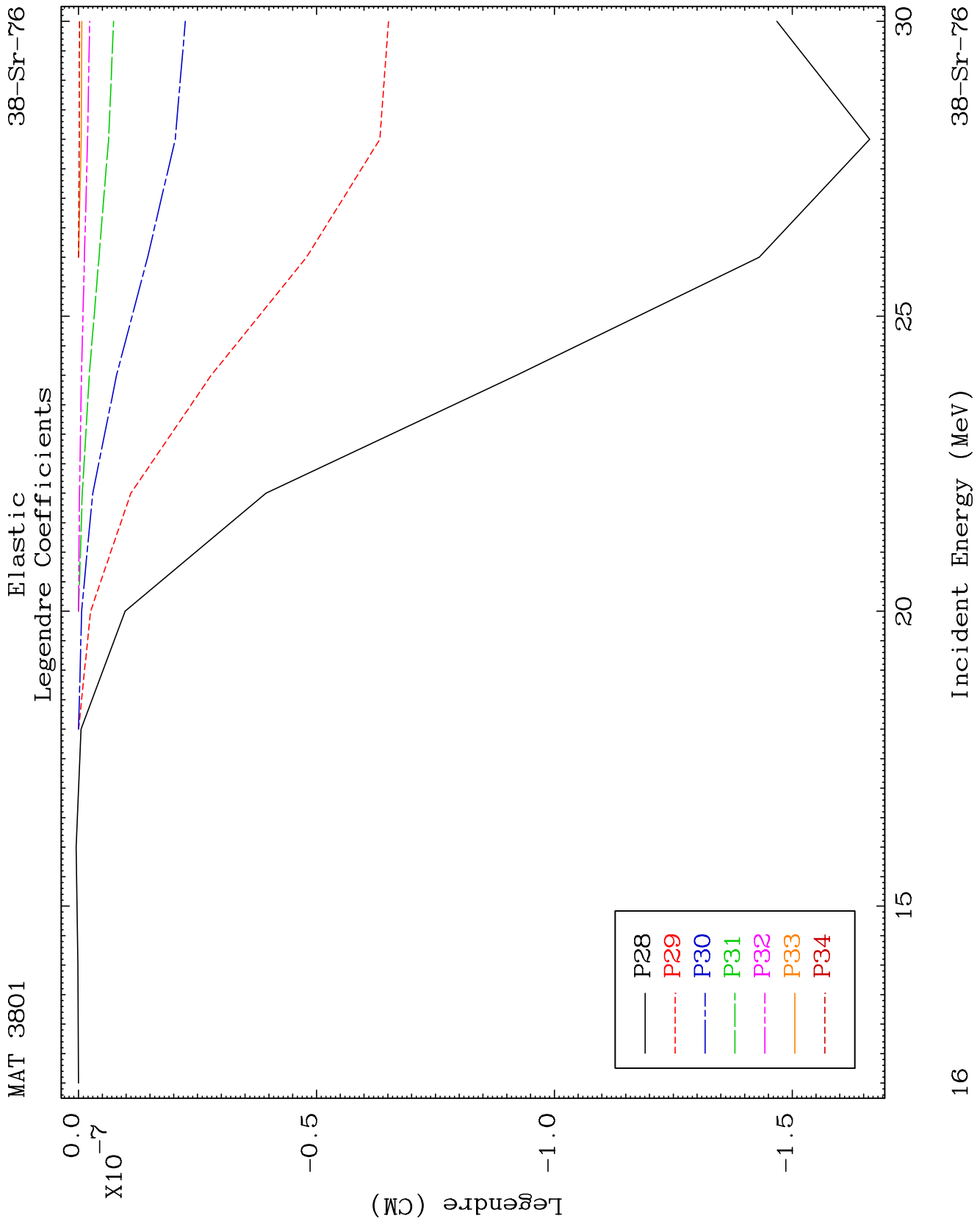
³⁸Sr-76



15

Incident Energy (MeV)

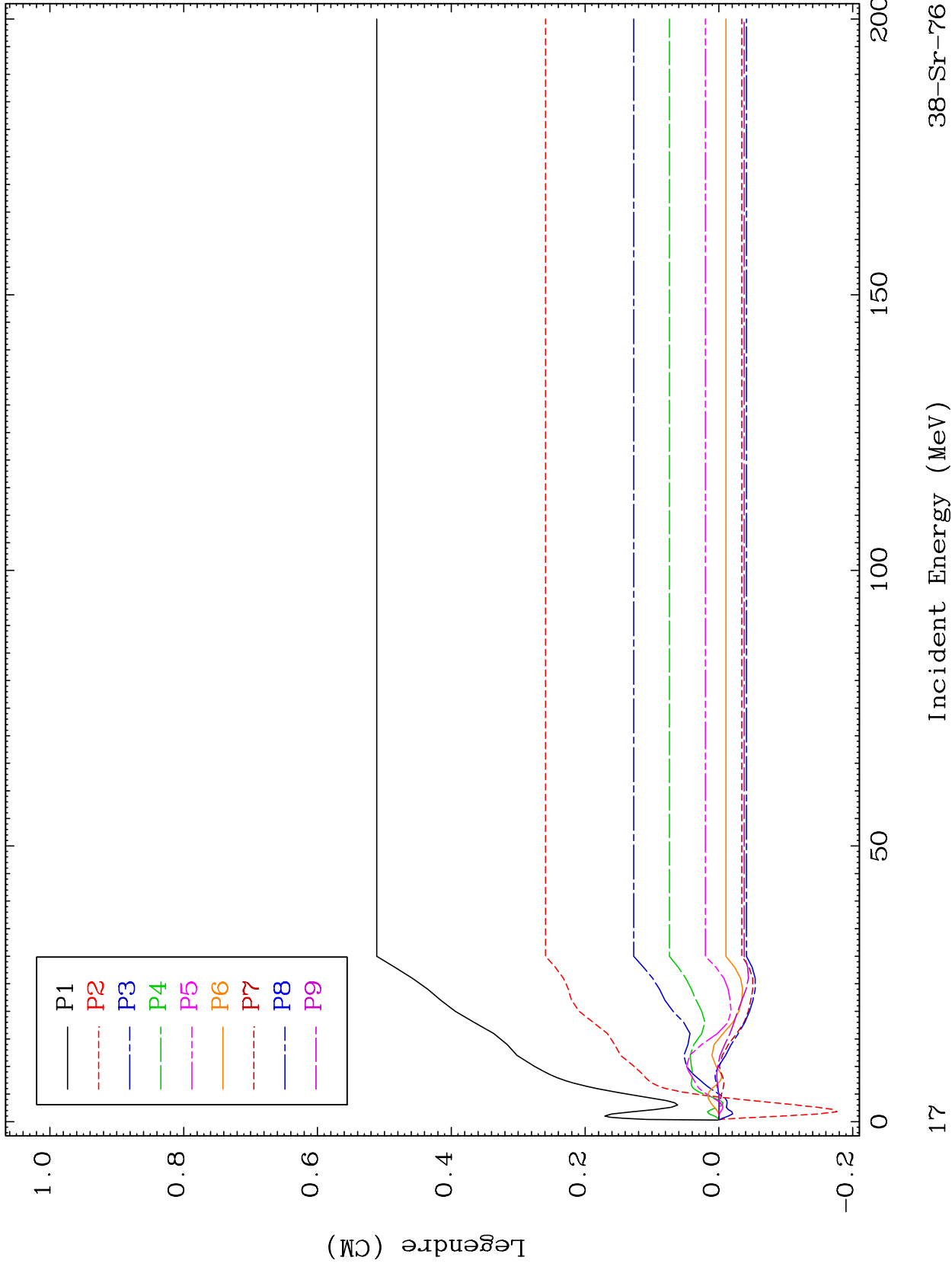
³⁸Sr-76



MAT 3801

262.3 keV (n,n') Level
Legendre Coefficients

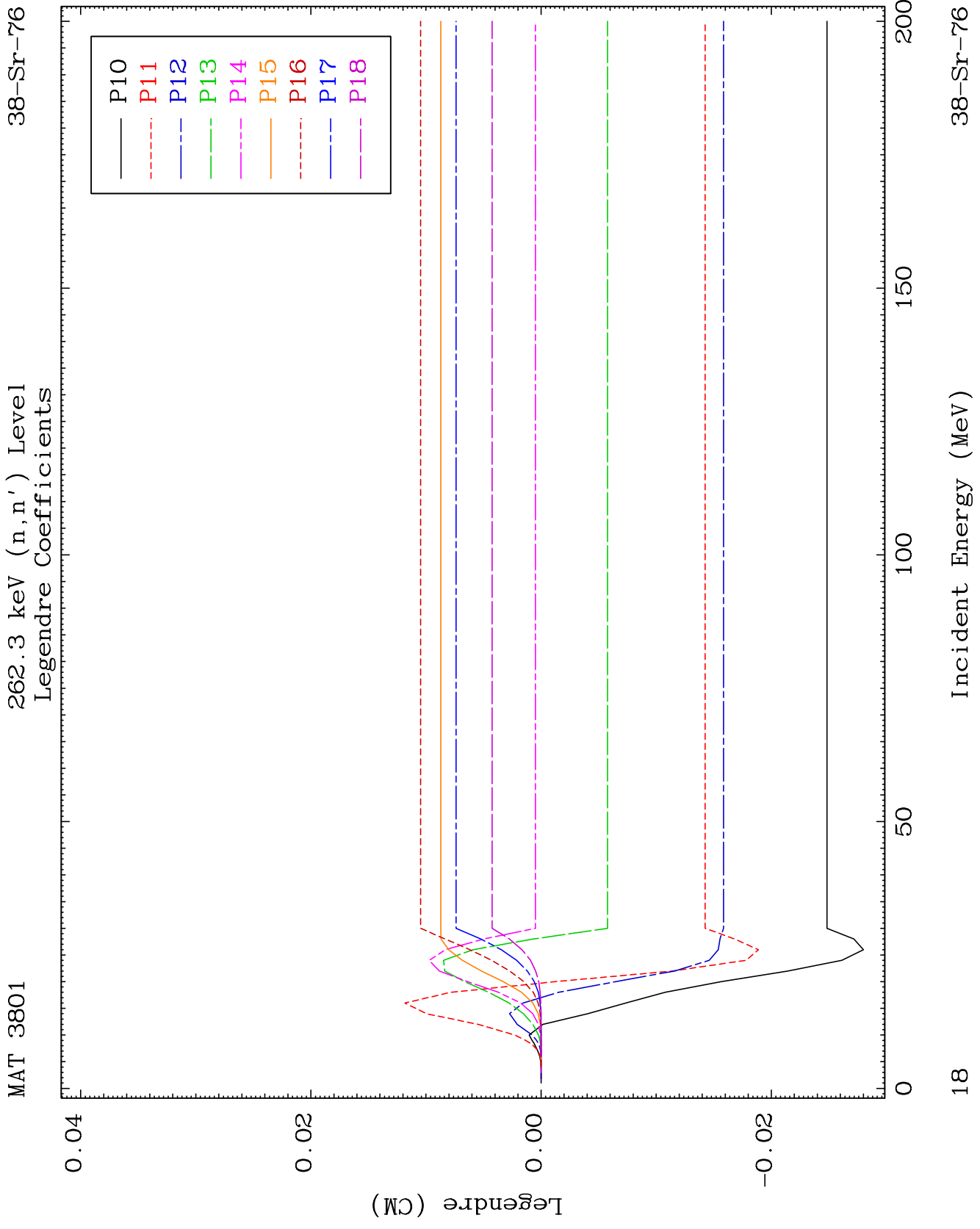
38-Sr-76

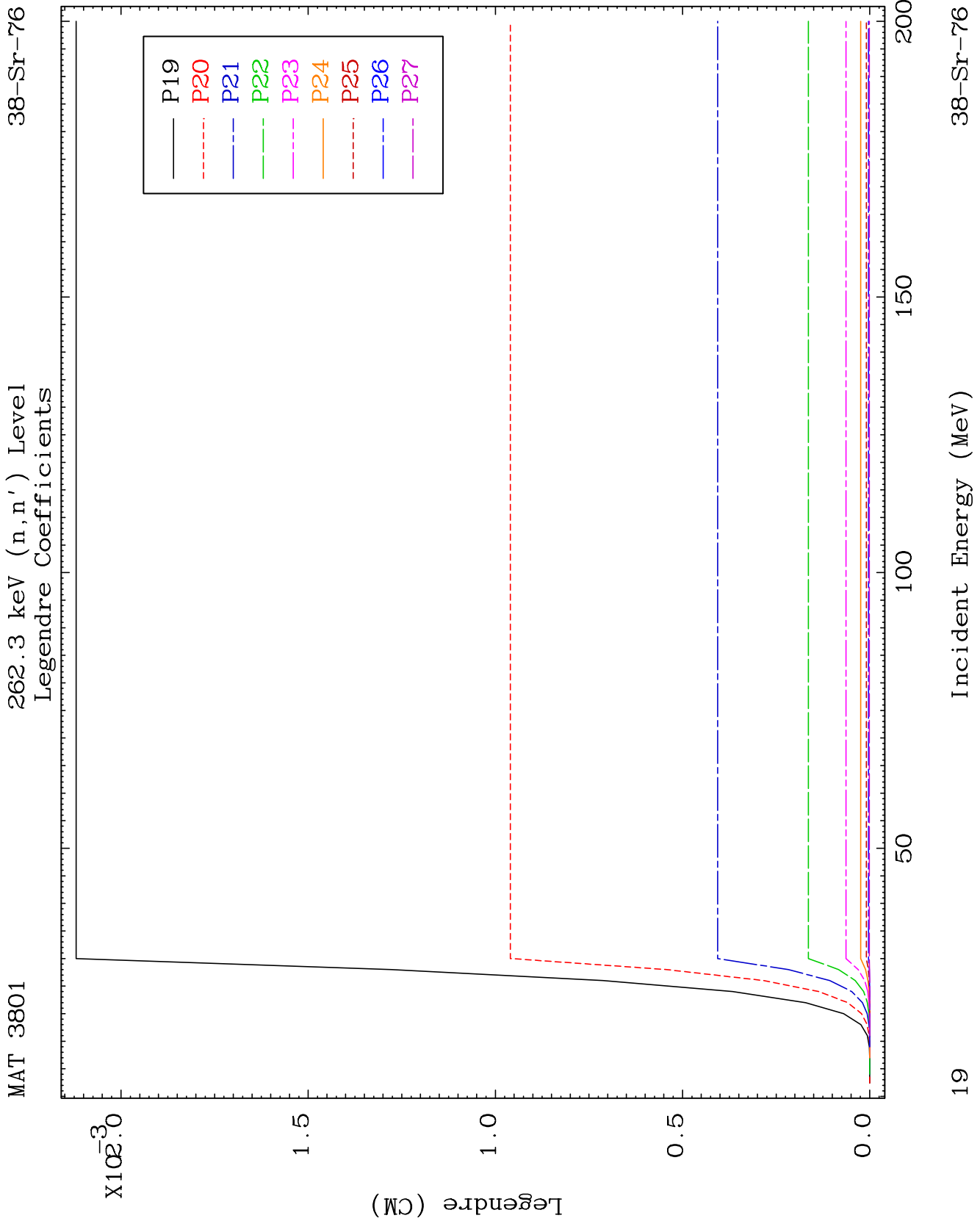


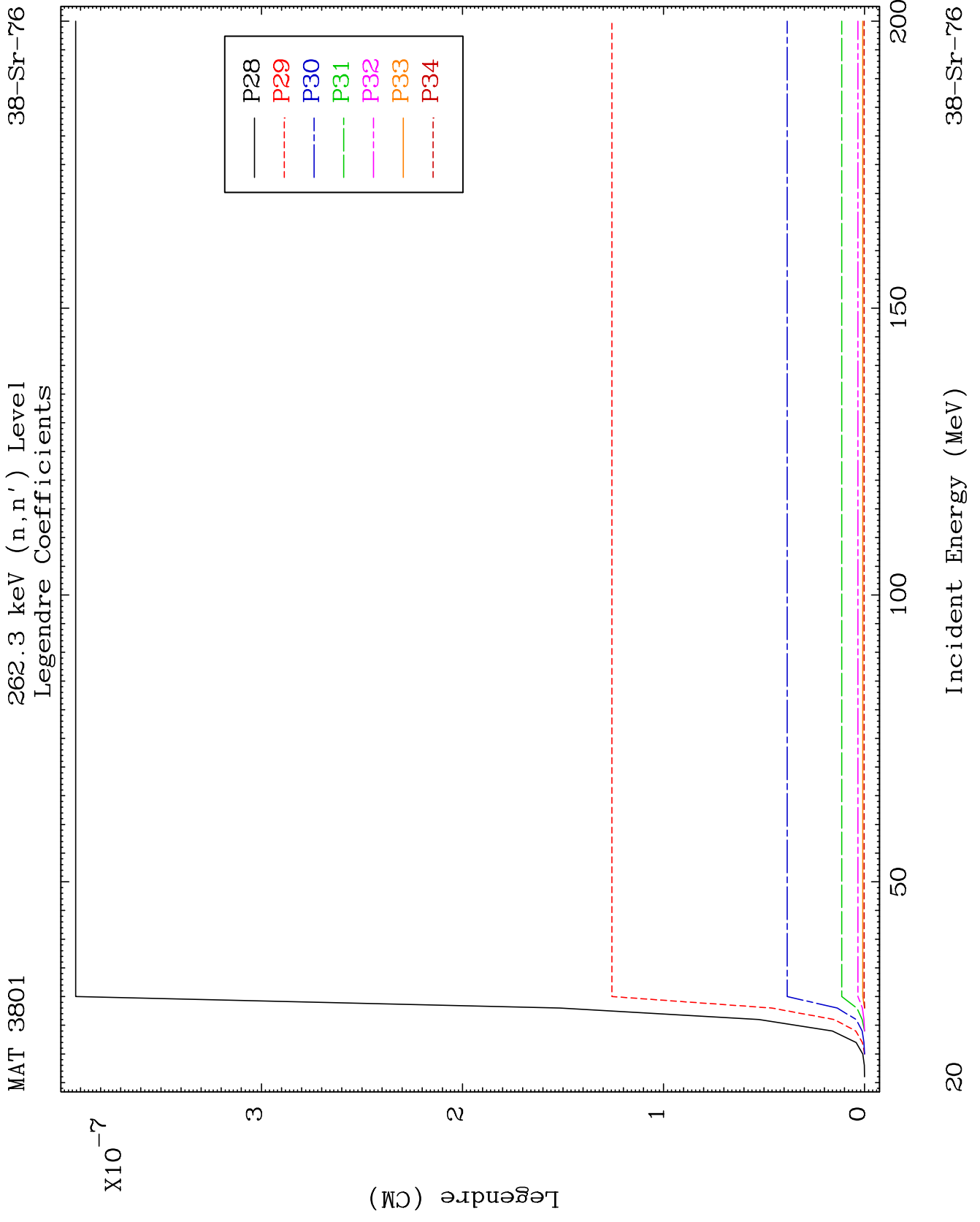
17

Incident Energy (MeV)

38-Sr-76



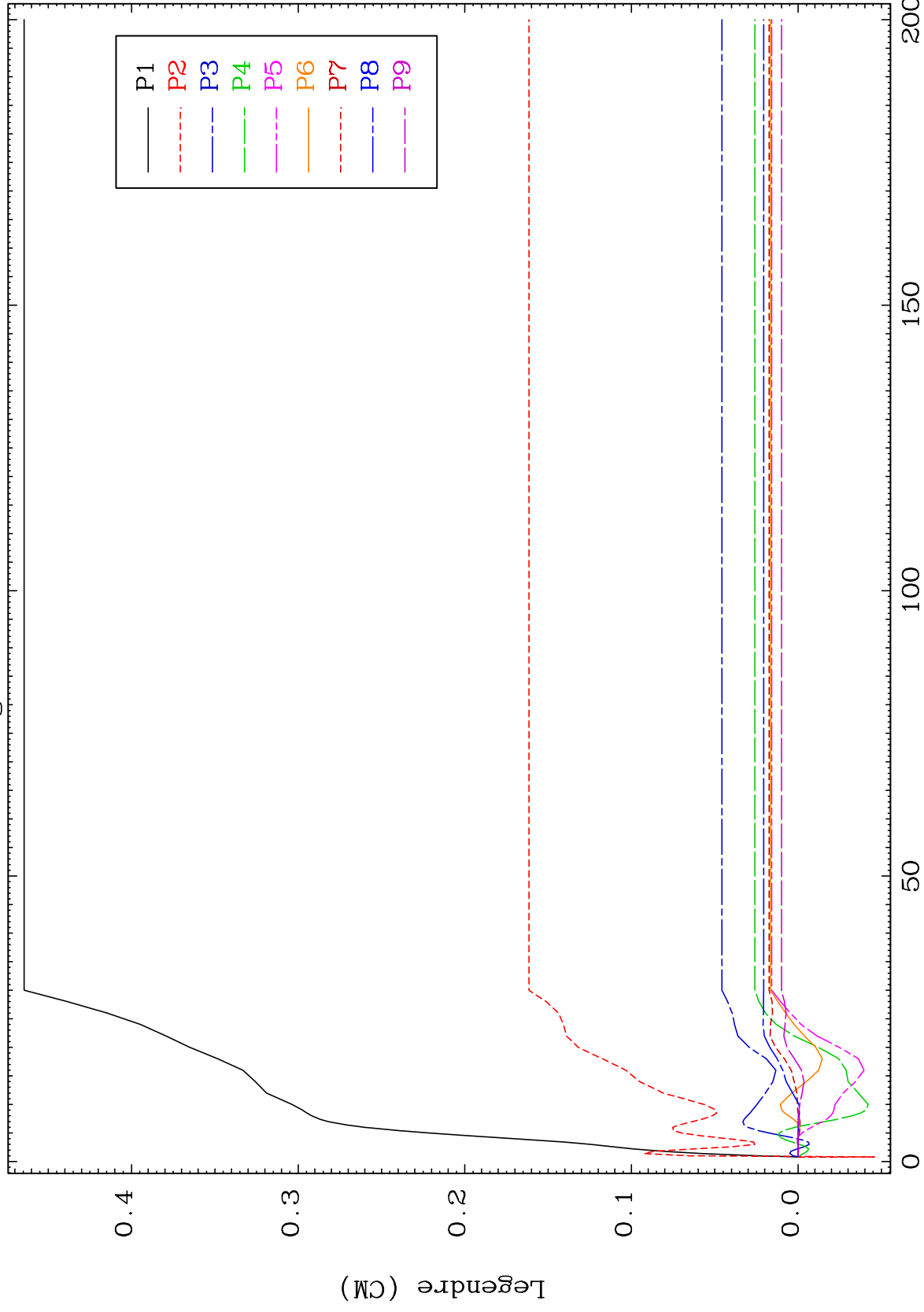




MAT 3801

746.7 keV (n,n') Level
Legendre Coefficients

³⁸Sr-76



21

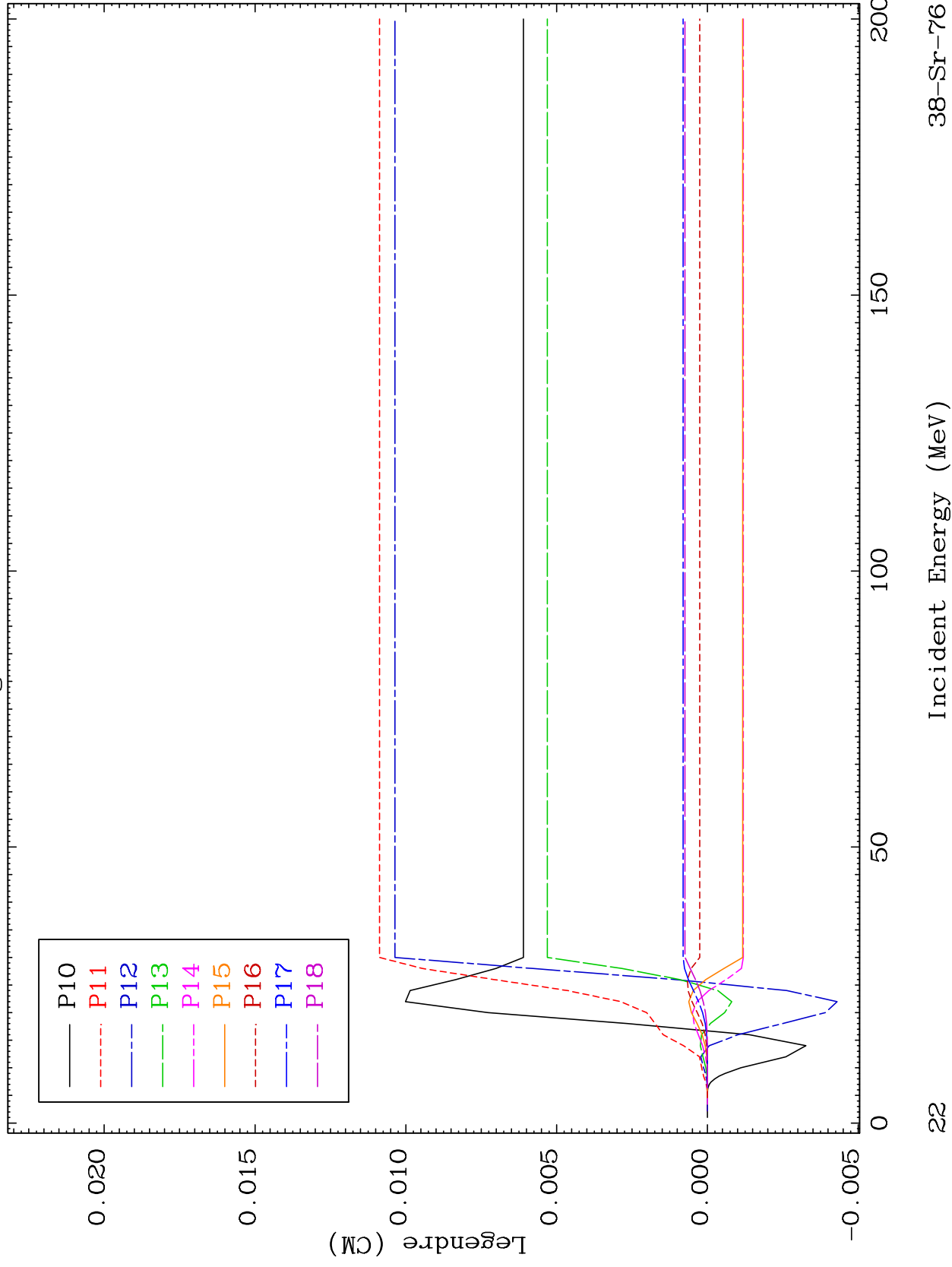
Incident Energy (MeV)

³⁸Sr-76

MAT 3801

746.7 keV (n,n') Level
Legendre Coefficients

38-Sr-76



22

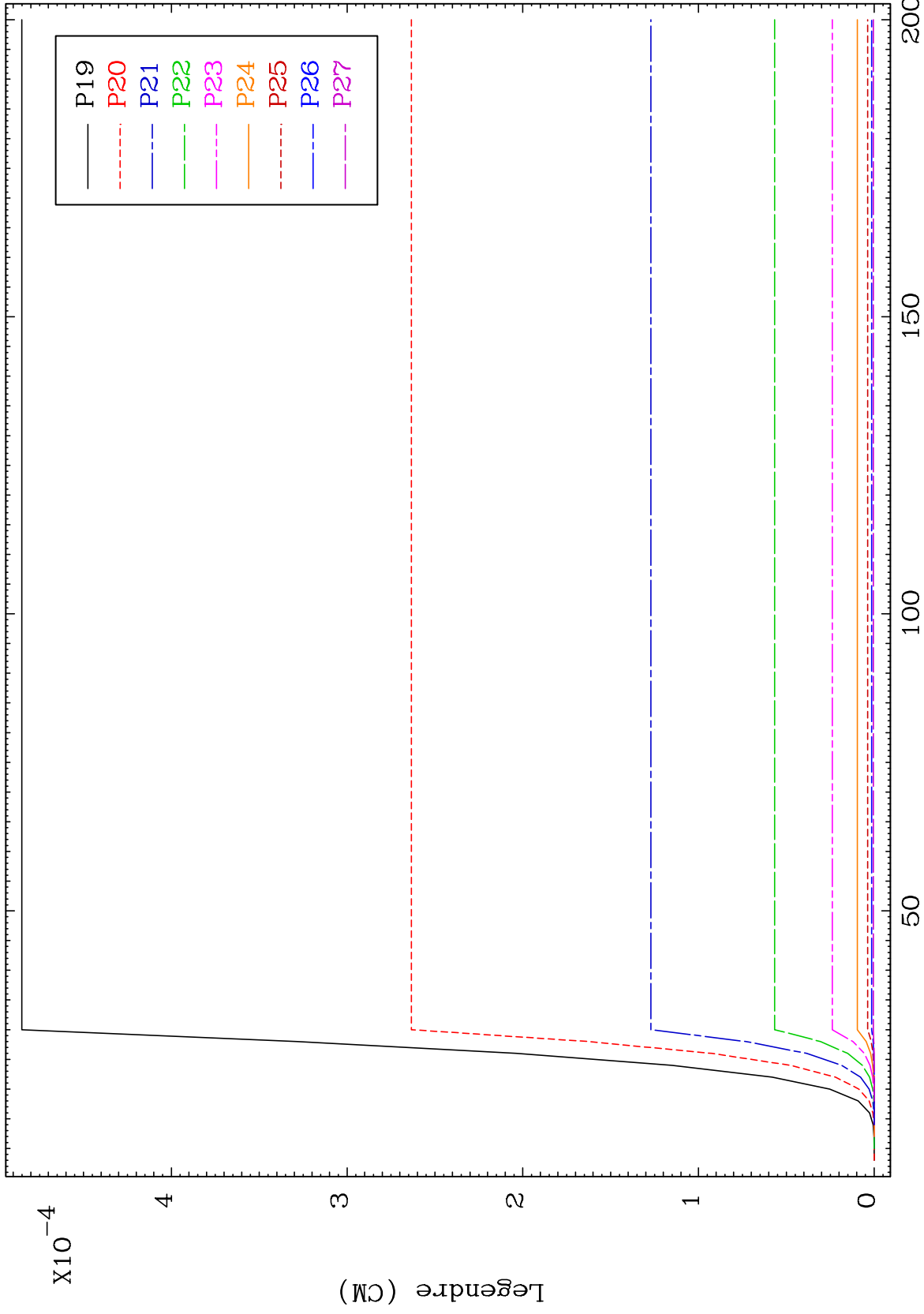
Incident Energy (MeV)

38-Sr-76

MAT 3801

746.7 keV (n,n') Level
Legendre Coefficients

38-Sr-76



23

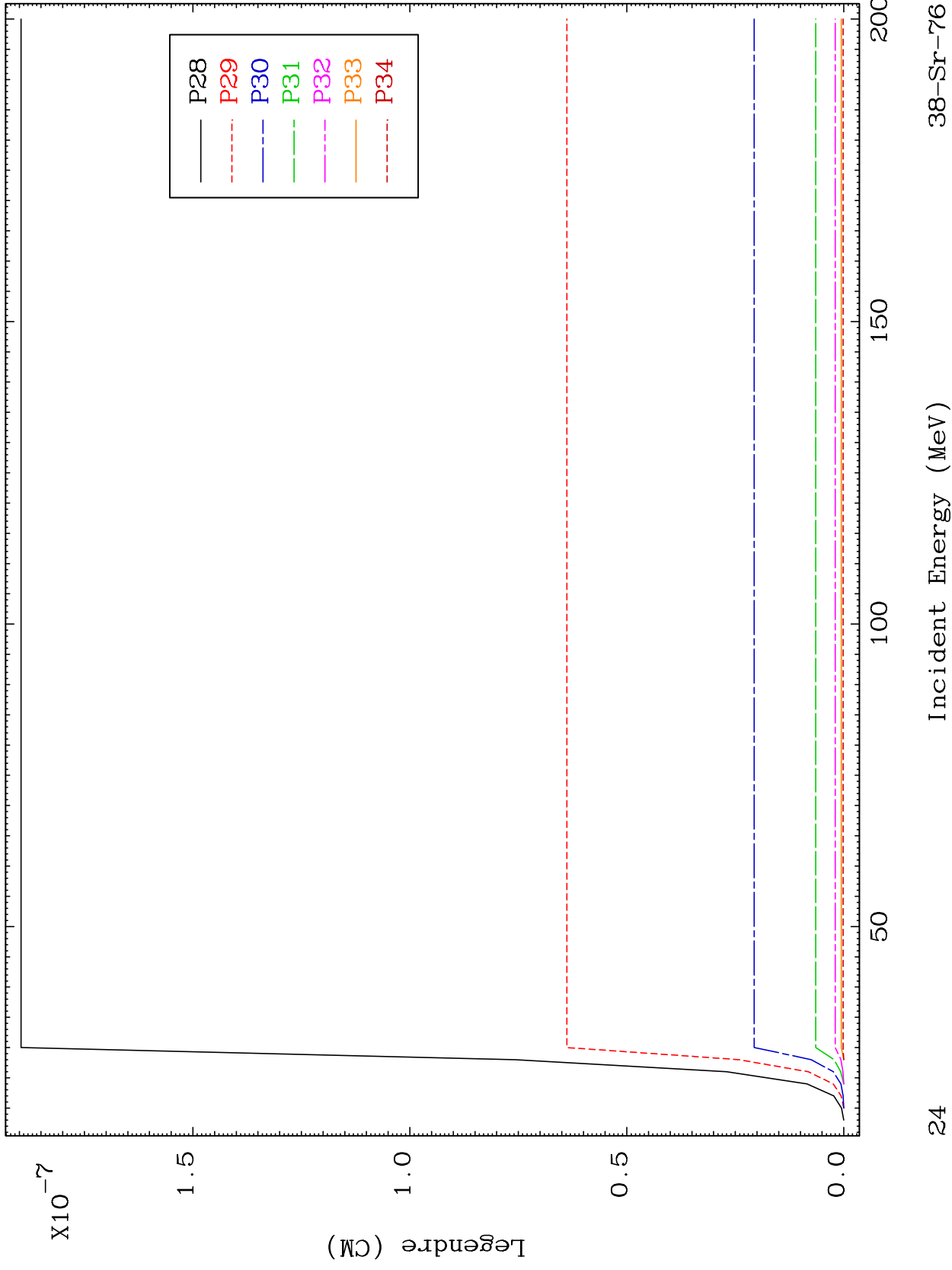
Incident Energy (MeV)

38-Sr-76

MAT 3801

746.7 keV (n,n') Level
Legendre Coefficients

38-Sr-76



24

Incident Energy (MeV)

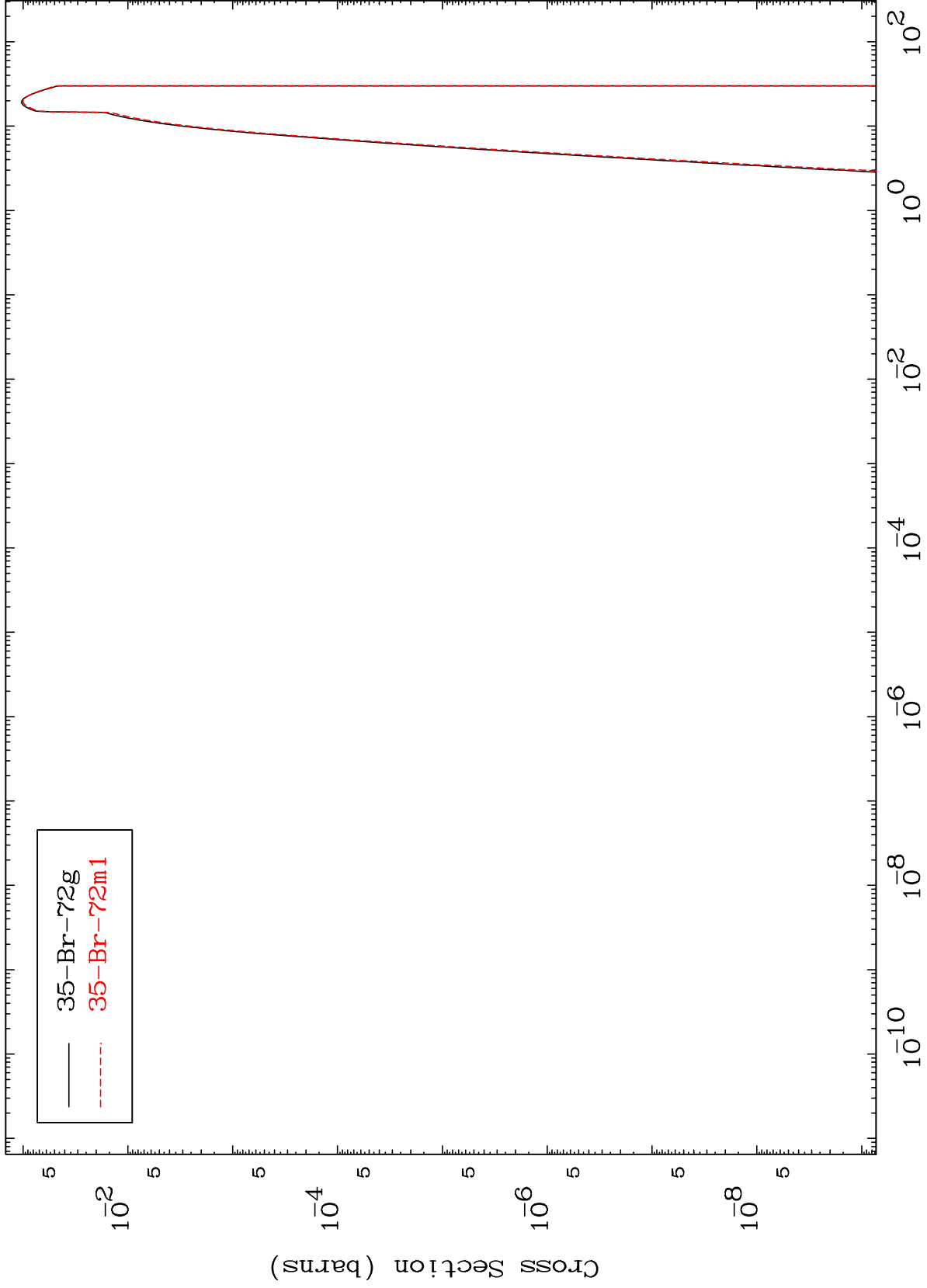
38-Sr-76

MAT 3801

(n,p) α

$^{38}\text{Sr-76}$

Radionuclide Production Cross Section



25

Incident Energy (MeV)

$^{38}\text{Sr-76}$