

Program EVALPLOT  
(Version 2017-1)

by

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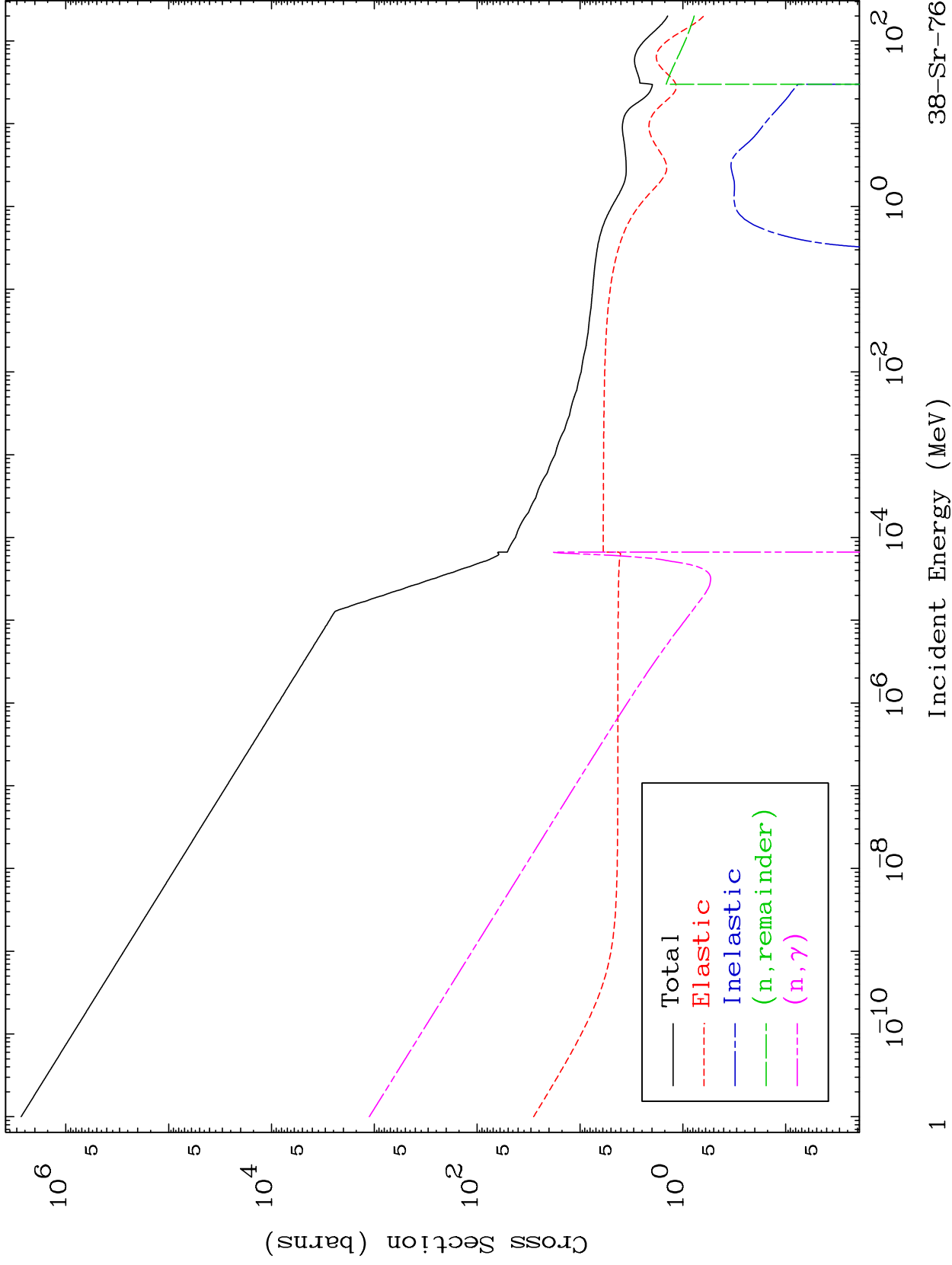
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3801

Major  
293 Kelvin Cross Sections

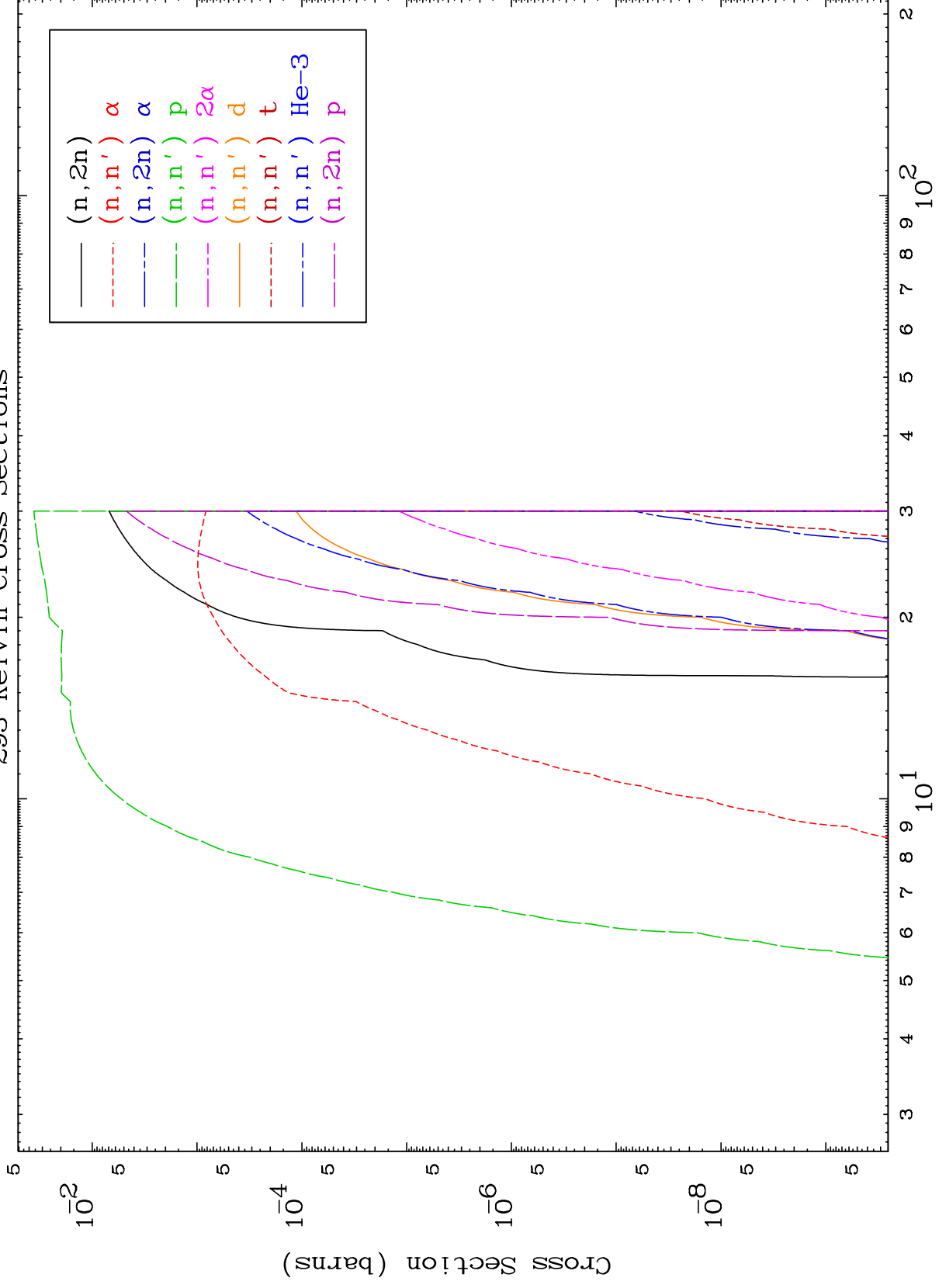
38-Sr-76



MAT 3801

Neutron Production  
293 Kelvin Cross Sections

38-Sr-76



2

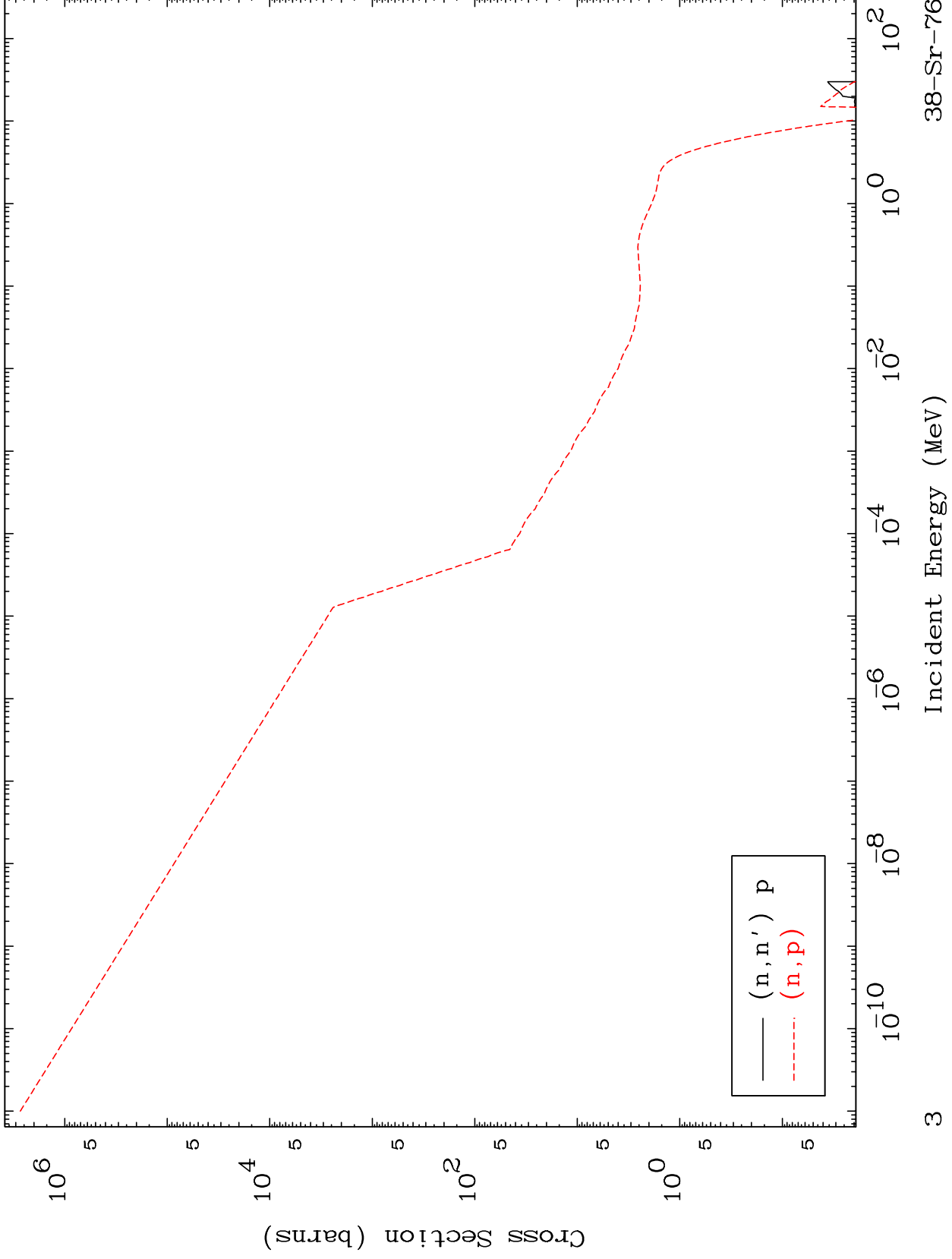
Incident Energy (MeV)

38-Sr-76

MAT 3801

Charged Particle  
293 Kelvin Cross Sections

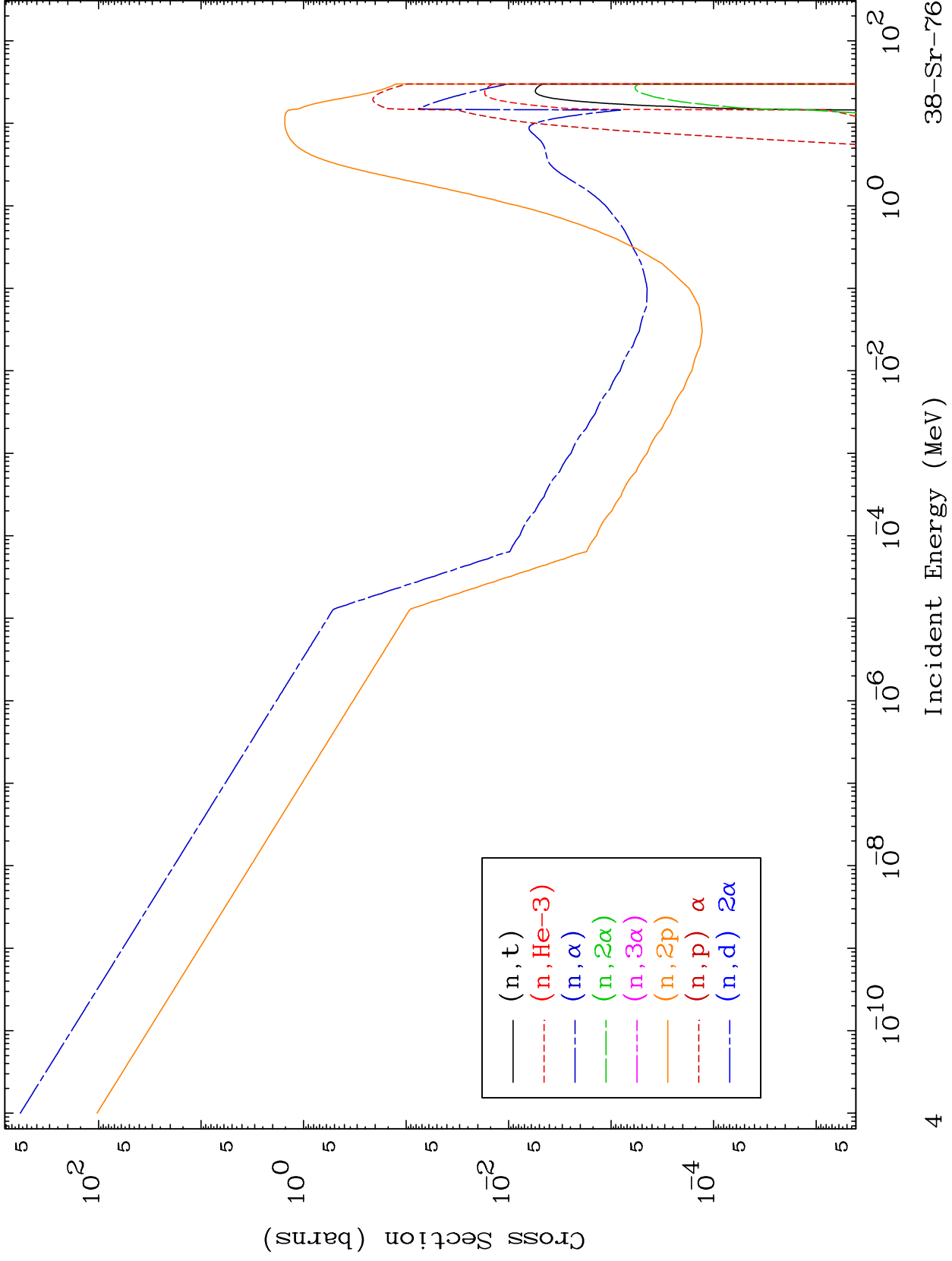
38-Sr-76

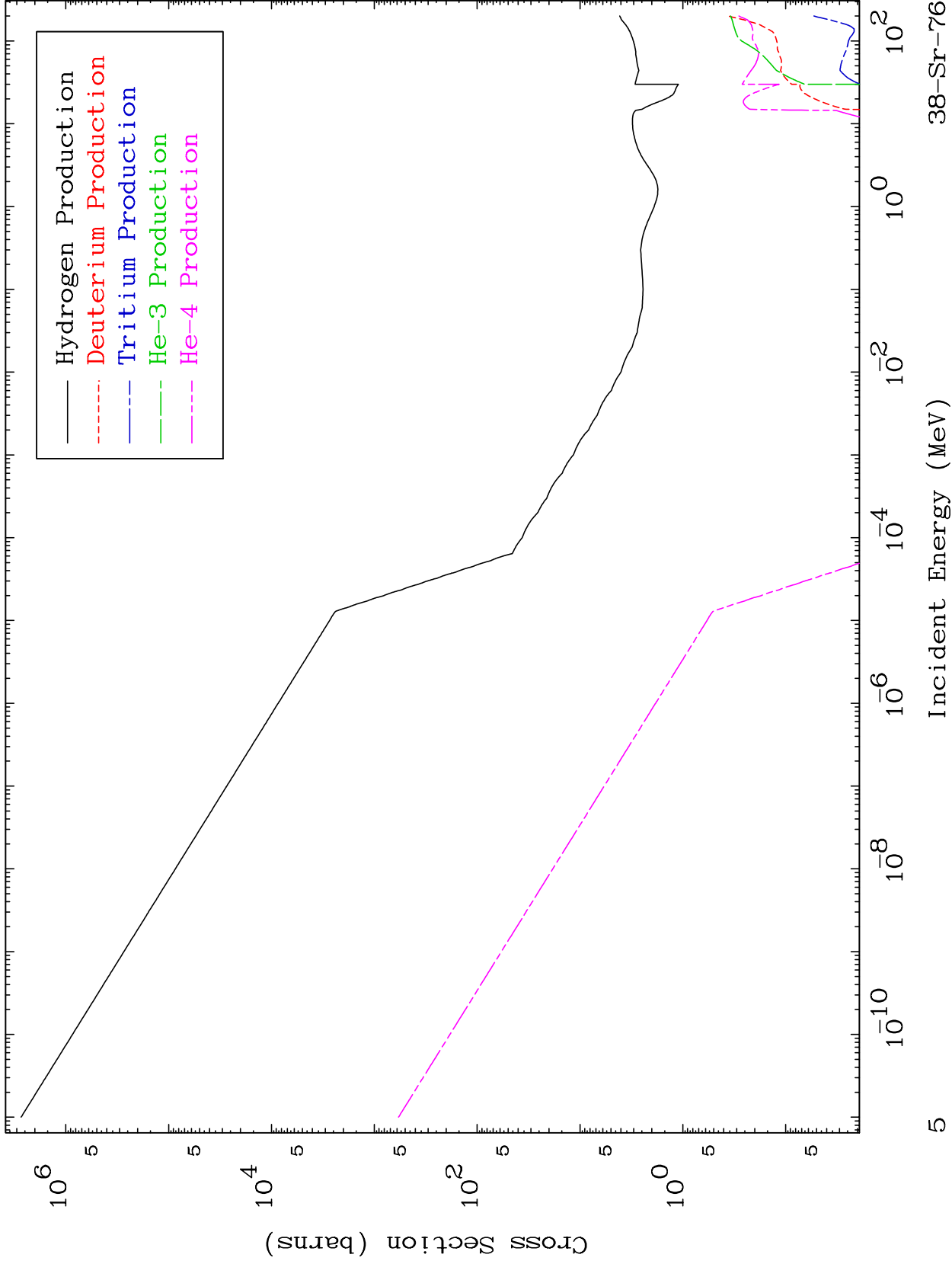


MAT 3801

Charged Particle  
293 Kelvin Cross Sections

38-Sr-76

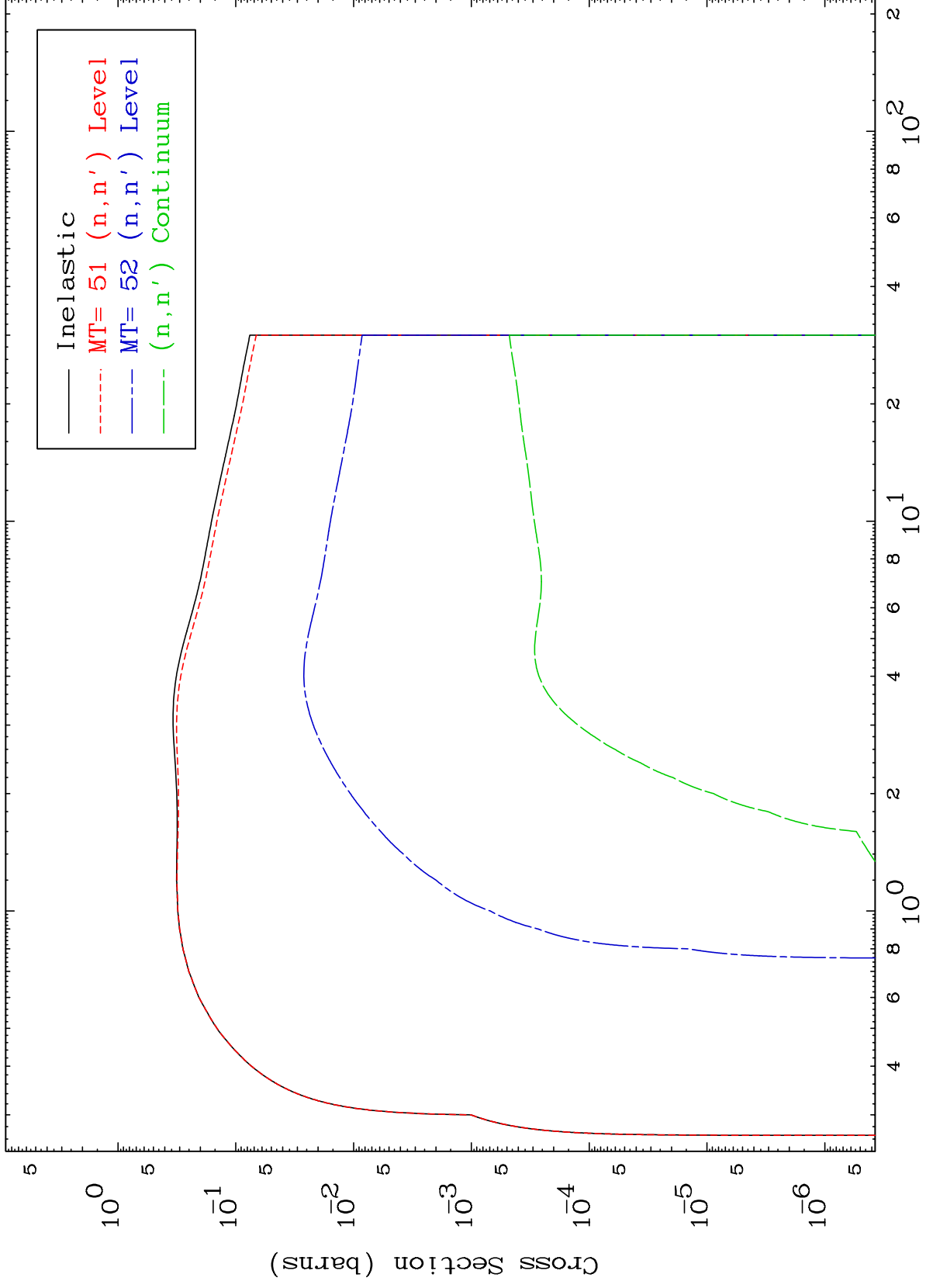




MAT 3801

(n,n') Level  
293 Kelvin Cross Sections

38-Sr-76



6

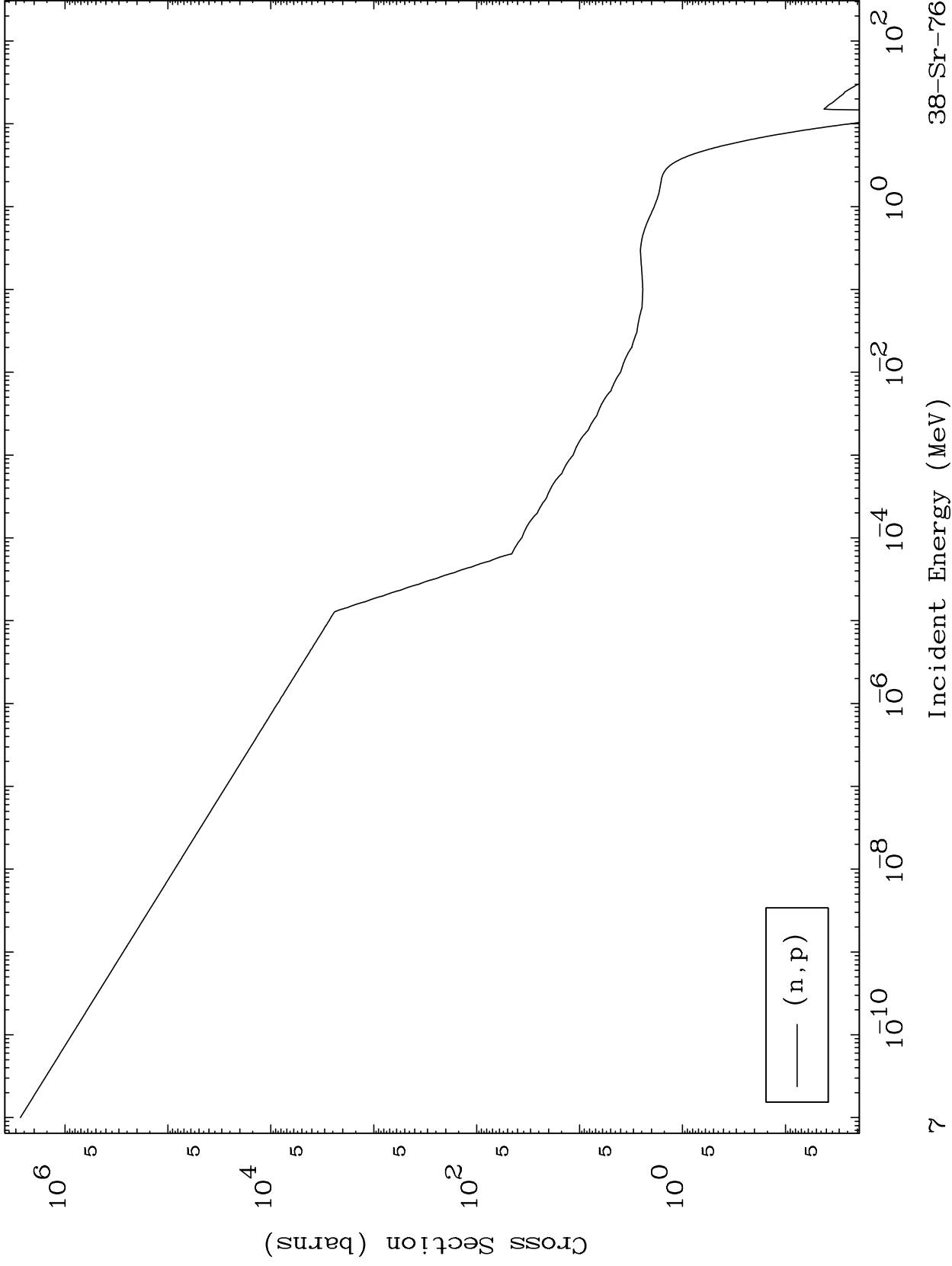
Incident Energy (MeV)

38-Sr-76

MAT 3801

(n,p) Levels  
293 Kelvin Cross Sections

38-Sr-76

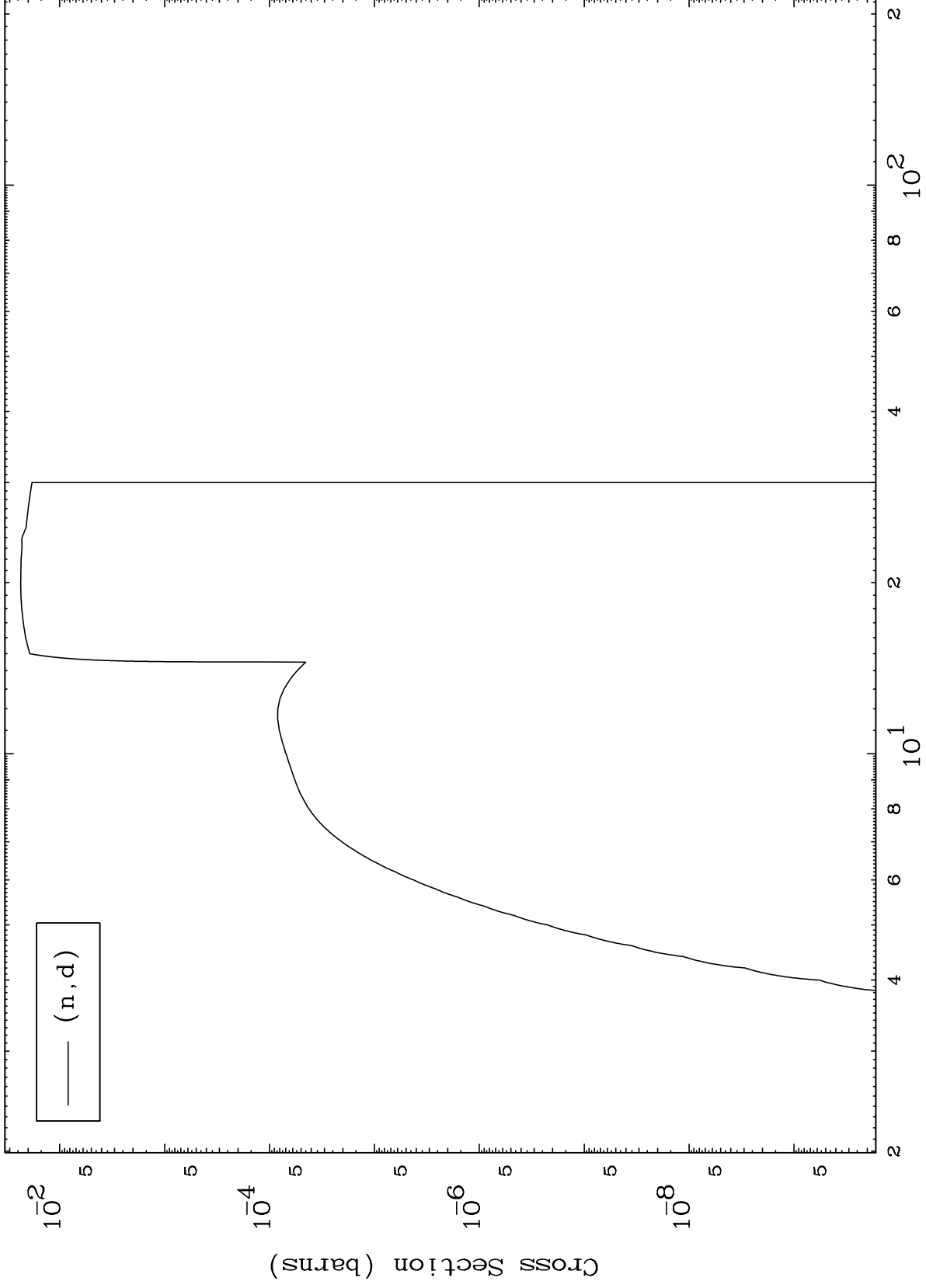




MAT 3801

(n,d) Levels  
293 Kelvin Cross Sections

38-Sr-76



8

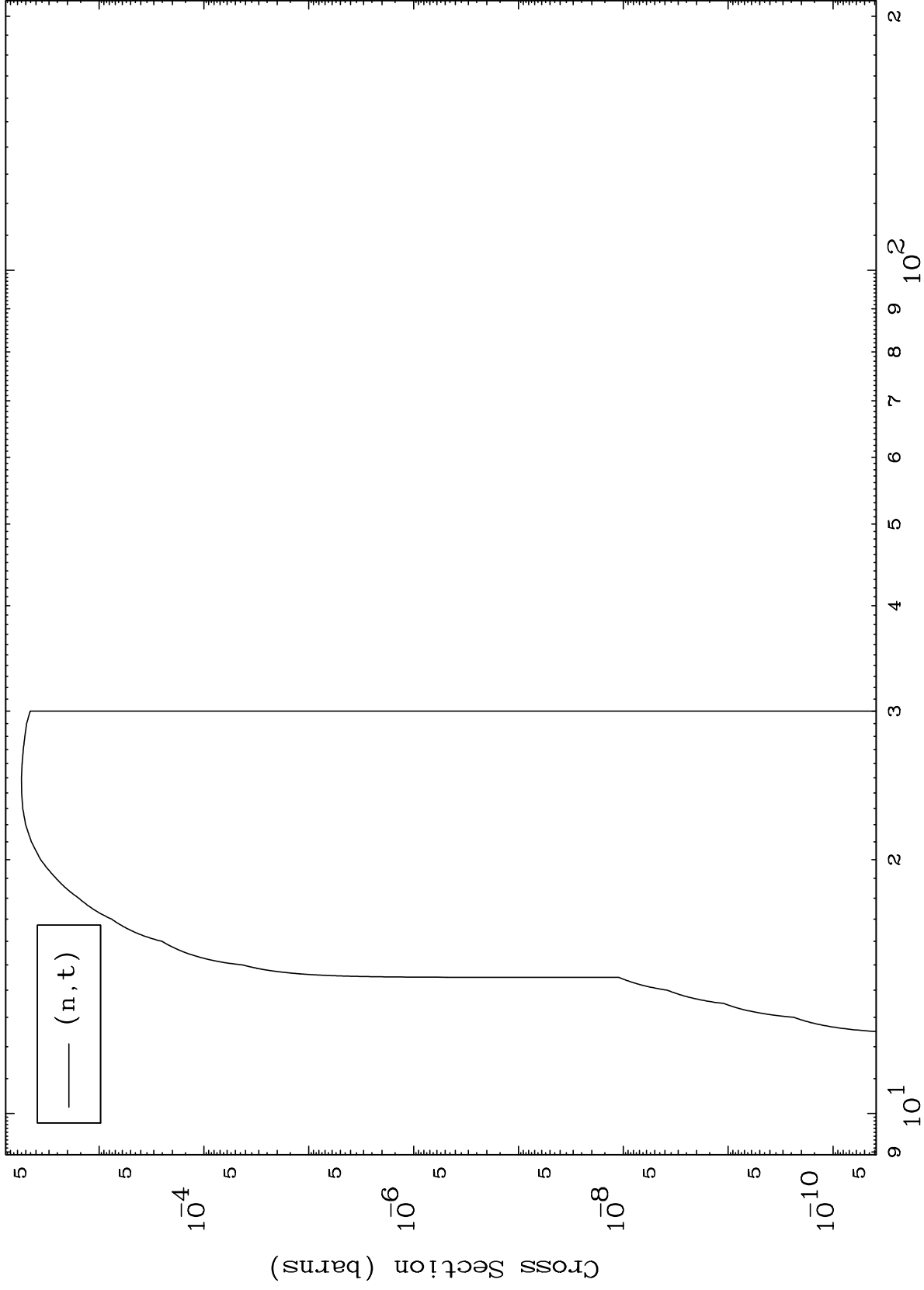
Incident Energy (MeV)

38-Sr-76

MAT 3801

(n,t) Levels  
293 Kelvin Cross Sections

38-Sr-76



9

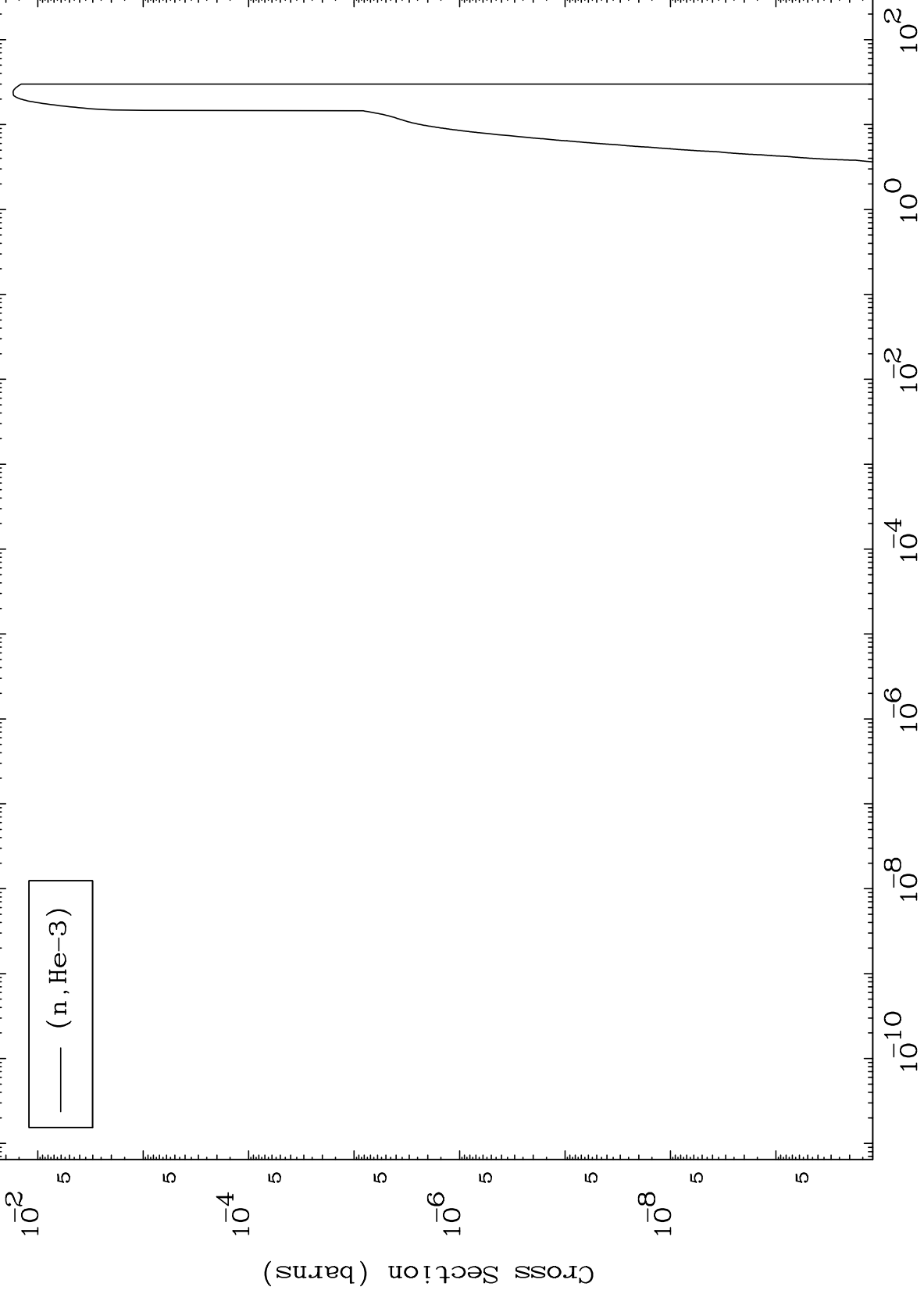
Incident Energy (MeV)

38-Sr-76

MAT 3801

(n,He3) Levels  
293 Kelvin Cross Sections

38-Sr-76



(n, He-3)

10

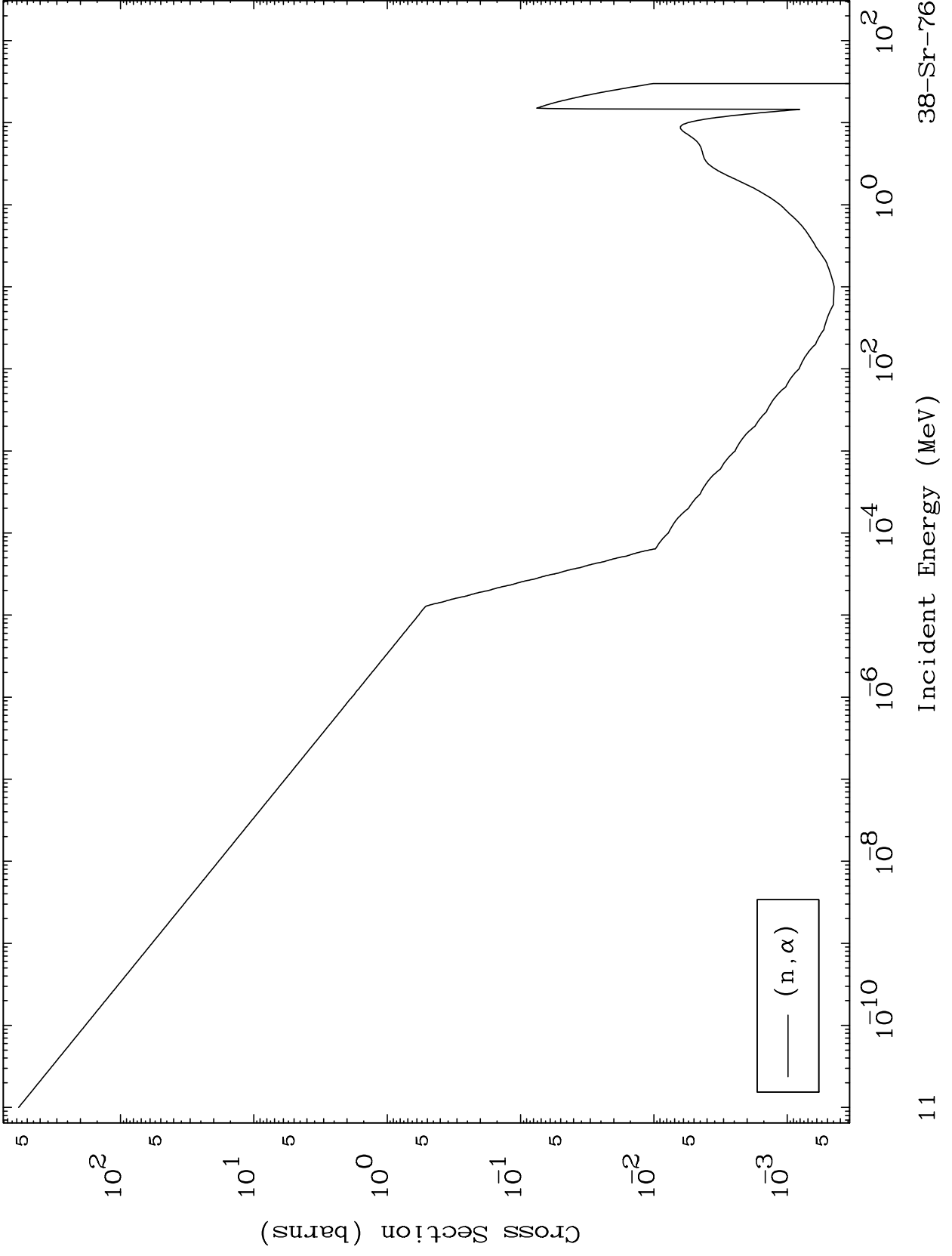
Incident Energy (MeV)

38-Sr-76

MAT 3801

(n,α) Levels  
293 Kelvin Cross Sections

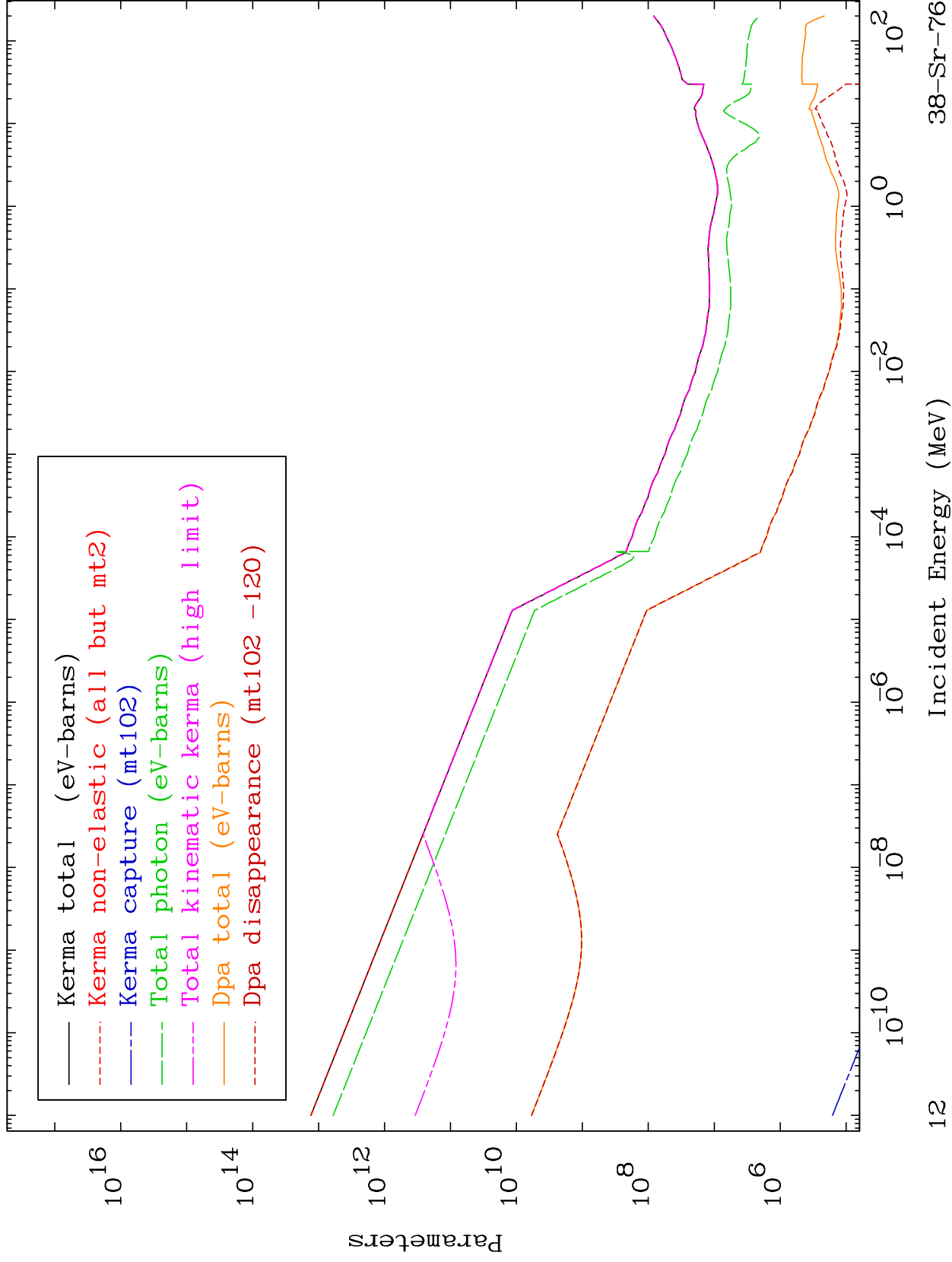
38-Sr-76



MAT 3801

Energy Release  
Parameters

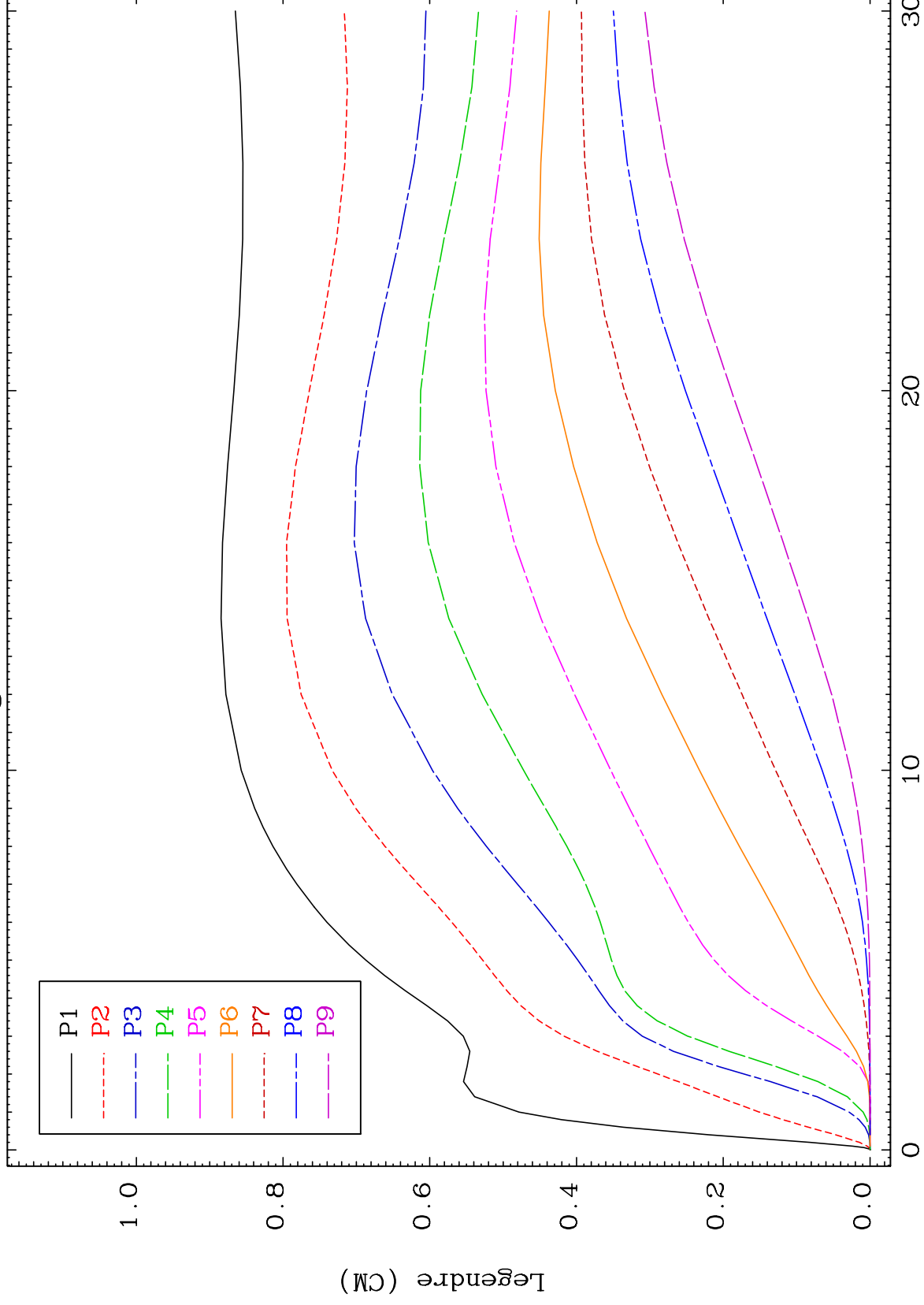
38-Sr-76



MAT 3801

Elastic Legendre Coefficients

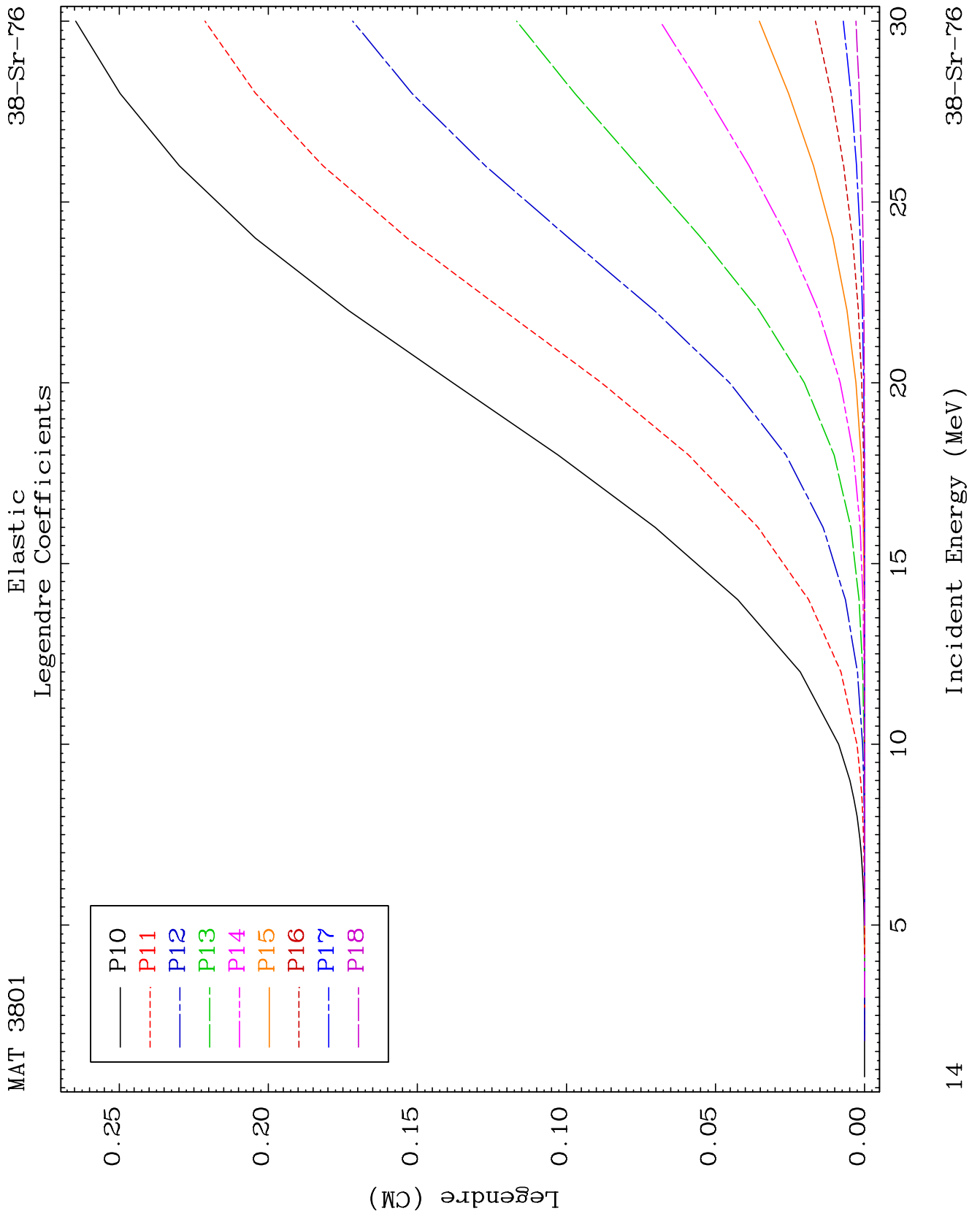
<sup>38</sup>Sr-76



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Incident Energy (MeV)

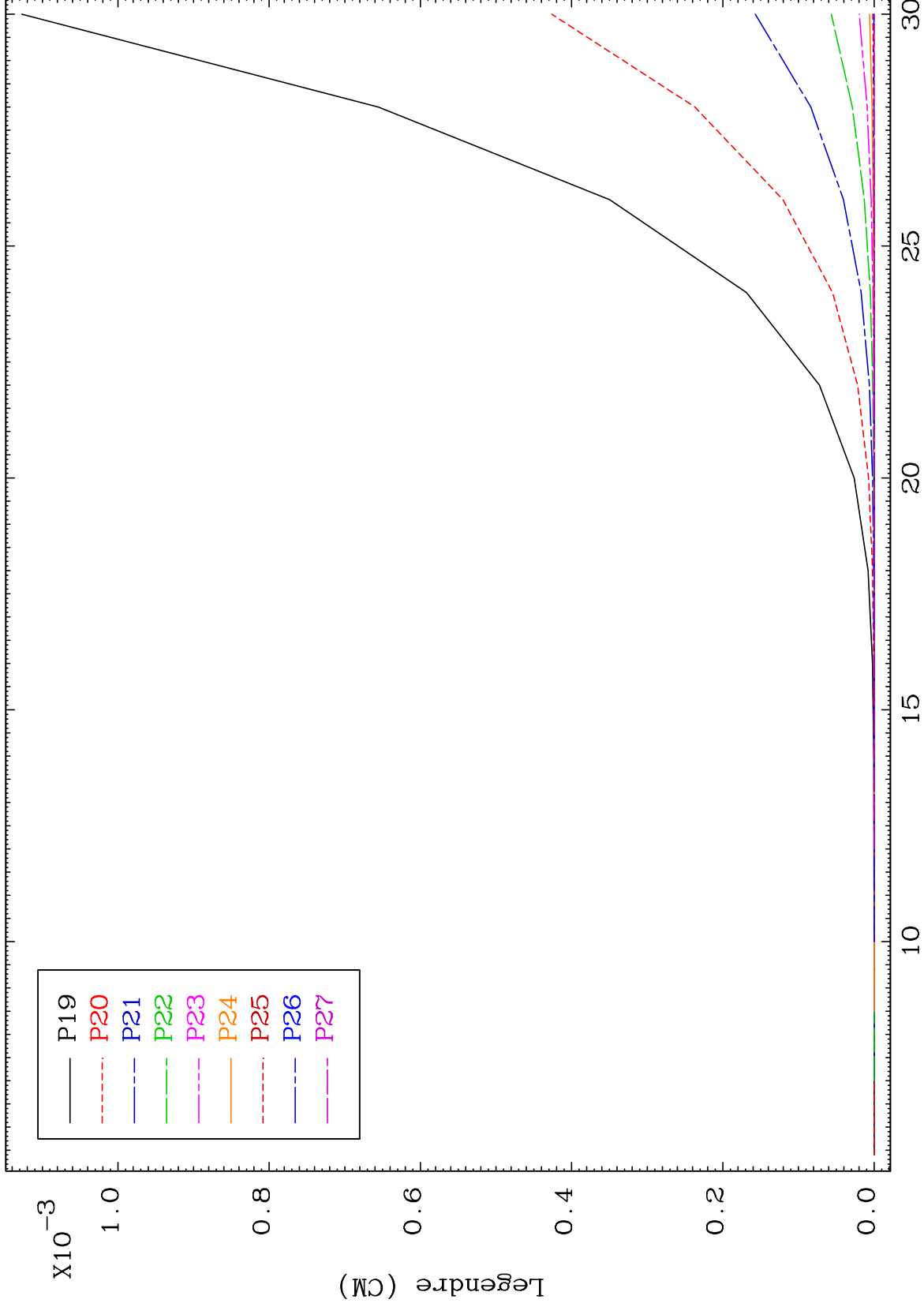
<sup>38</sup>Sr-76



MAT 3801

Elastic  
Legendre Coefficients

<sup>38</sup>Sr-76

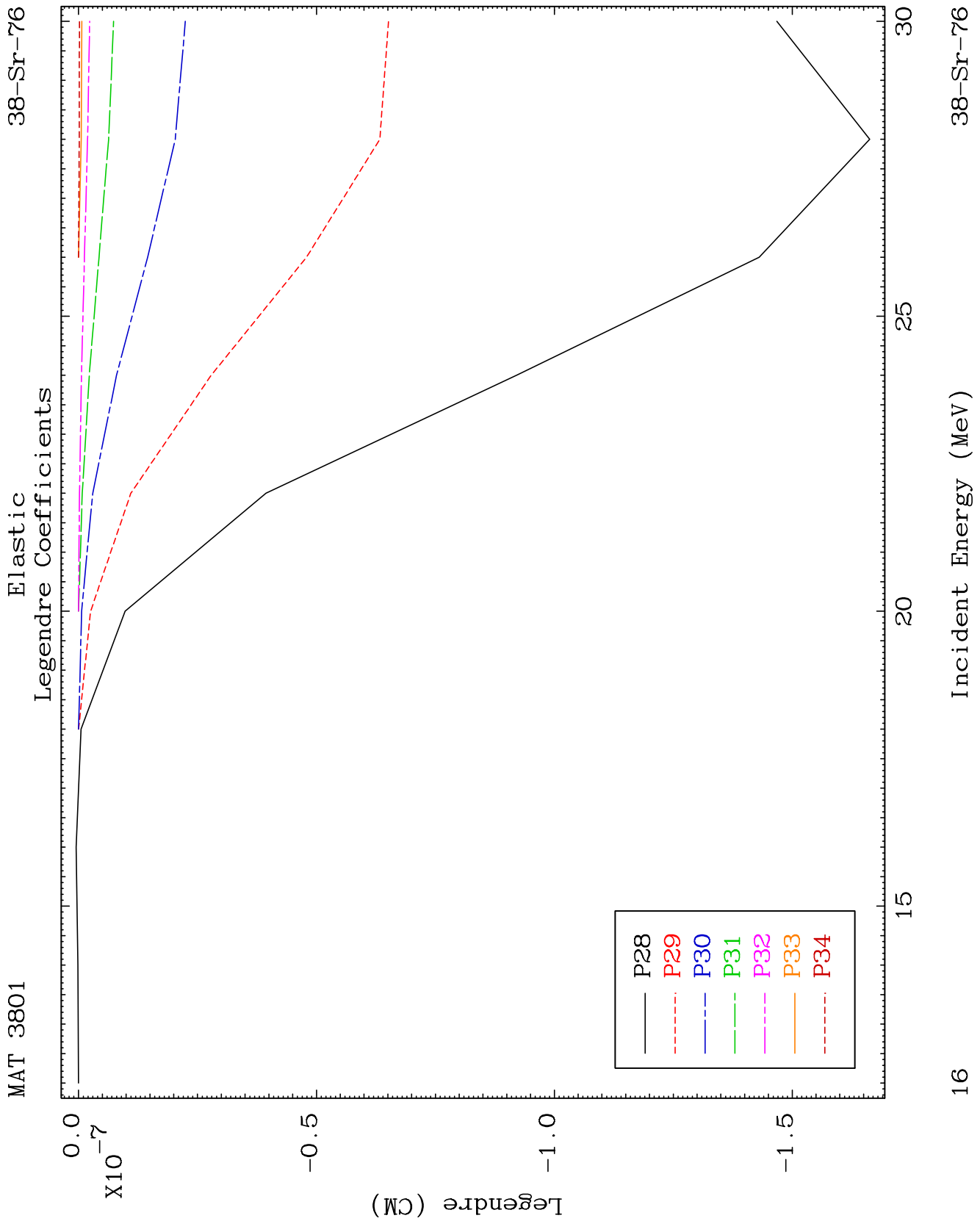


15

Incident Energy (MeV)

<sup>38</sup>Sr-76

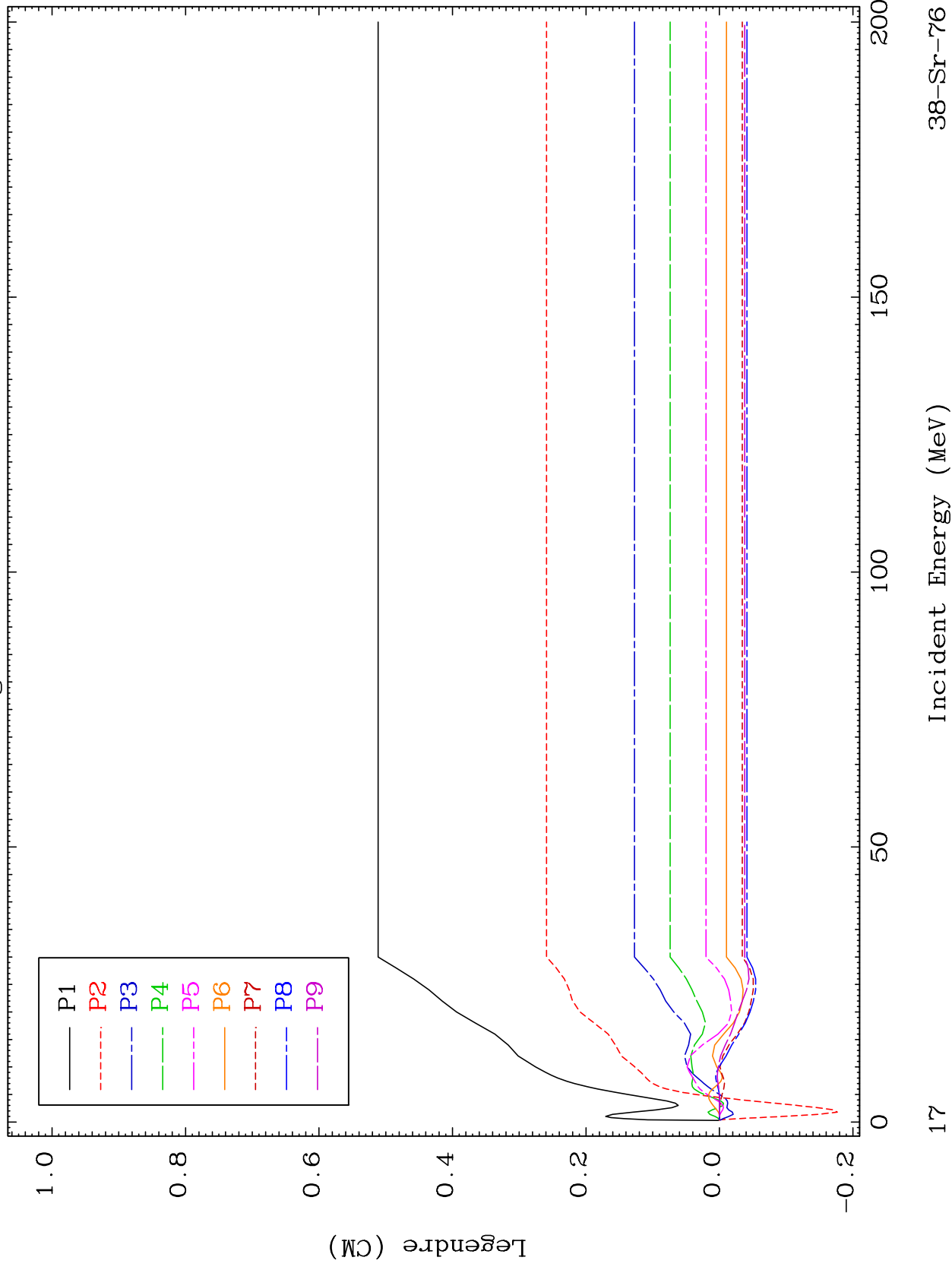




MAT 3801

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

38-Sr-76



17

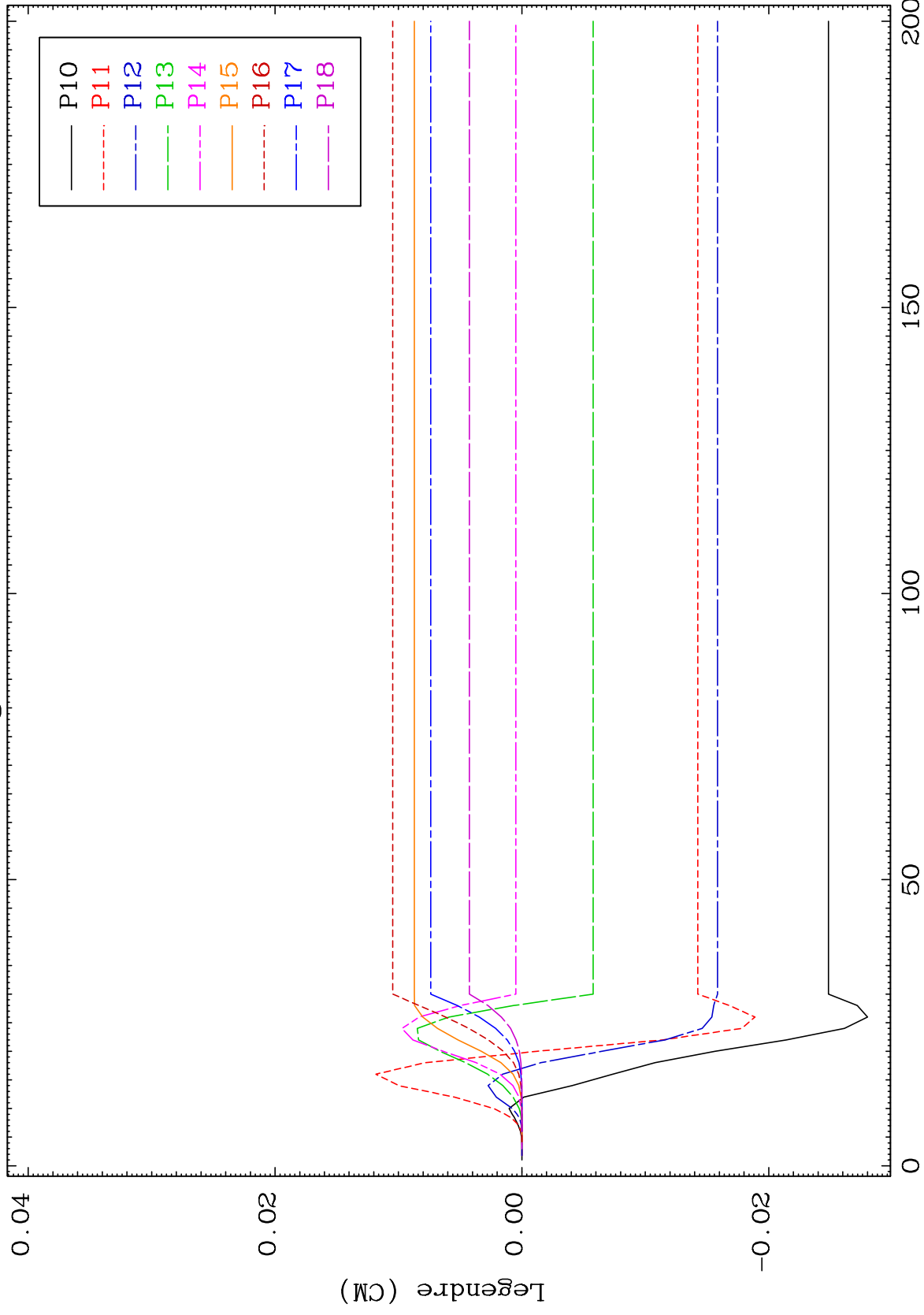
Incident Energy (MeV)

38-Sr-76

MAT 3801

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

38-Sr-76



18

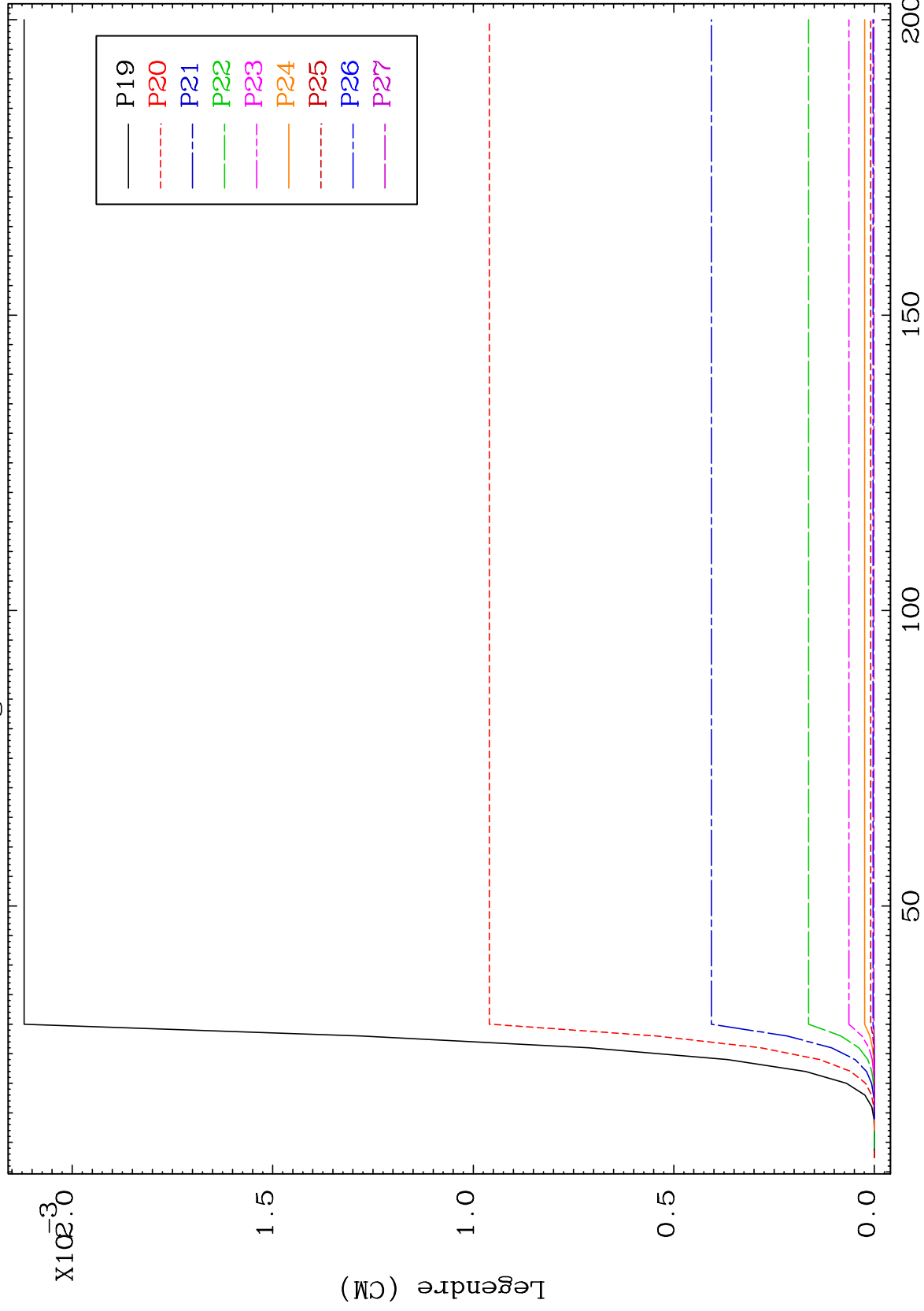
Incident Energy (MeV)

38-Sr-76

MAT 3801

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

38-Sr-76



19

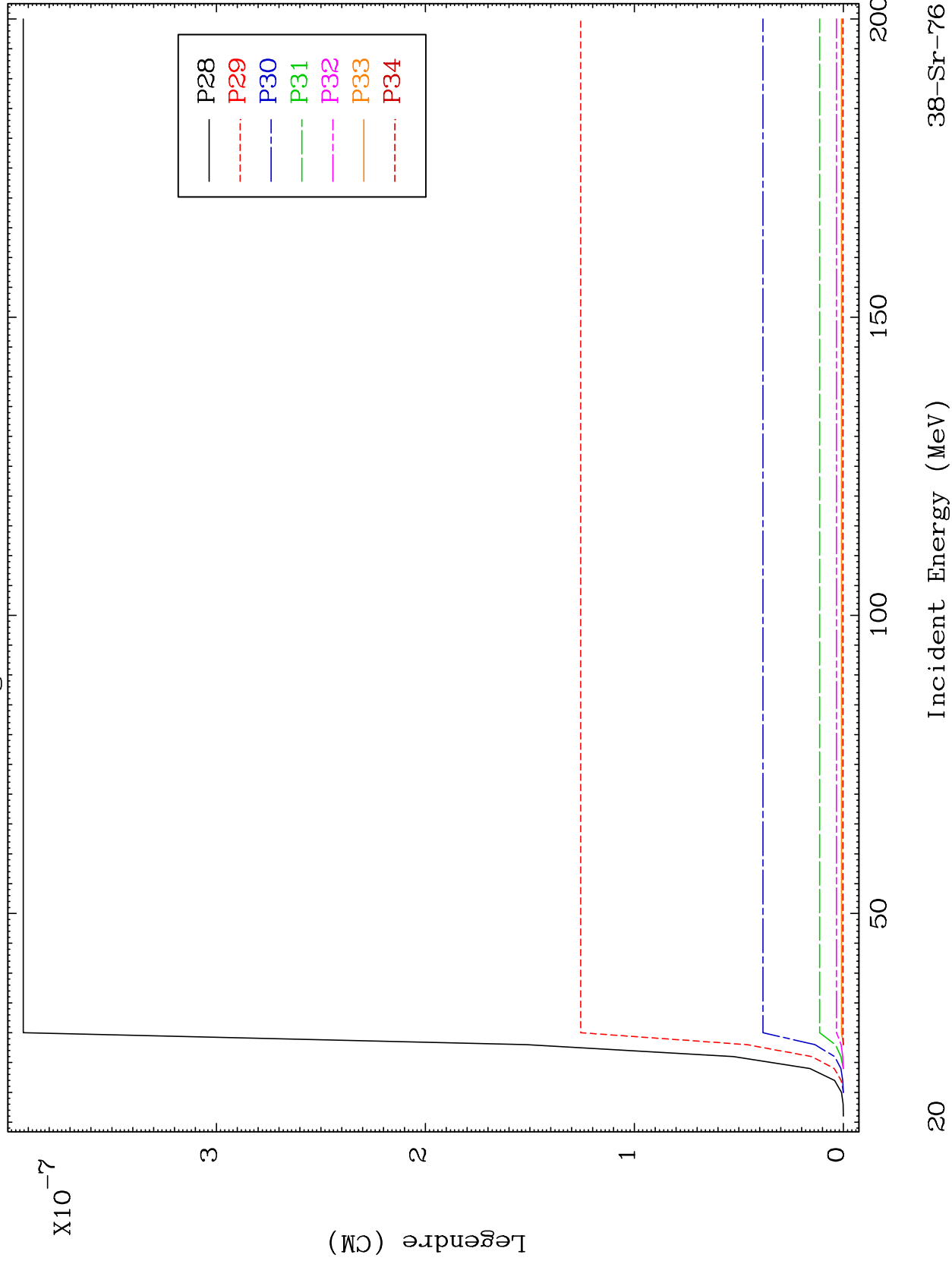
Incident Energy (MeV)

38-Sr-76

MAT 3801

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

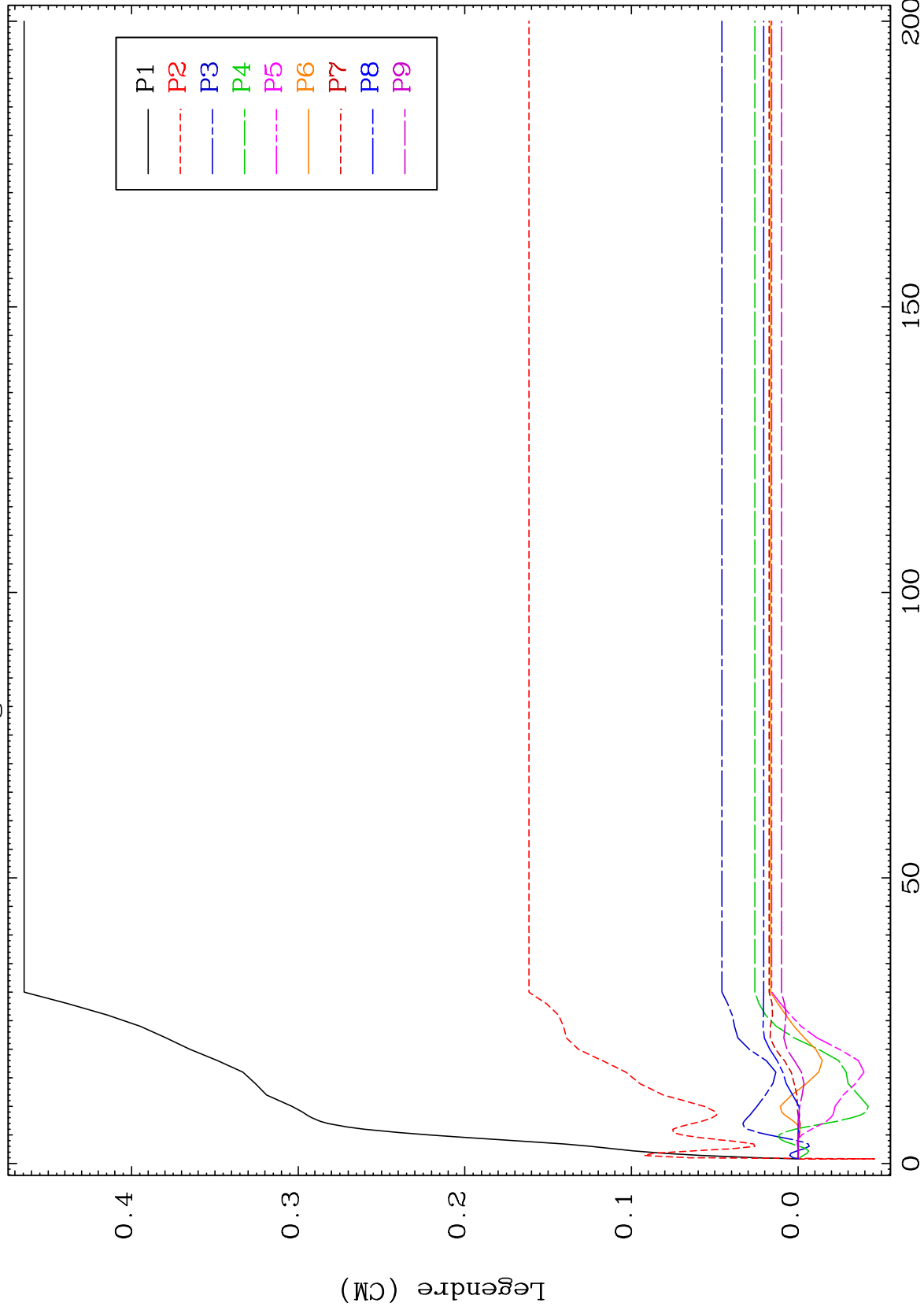
38-Sr-76



MAT 3801

MT= 52 (n,n') Level  
Legendre Coefficients

38-Sr-76



21

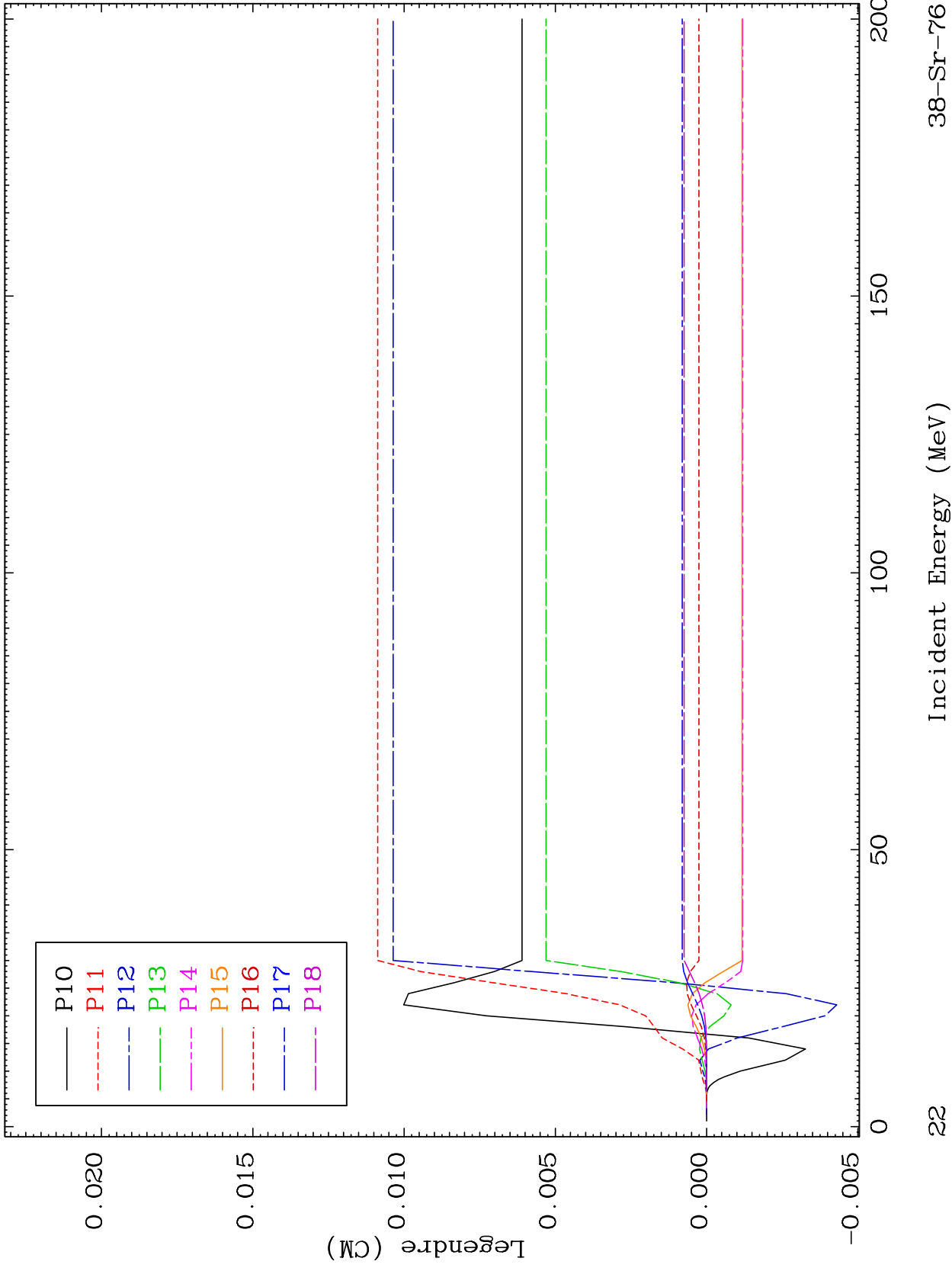
Incident Energy (MeV)

38-Sr-76

MAT 3801

MT= 52 (n,n') Level  
Legendre Coefficients

38-Sr-76



22

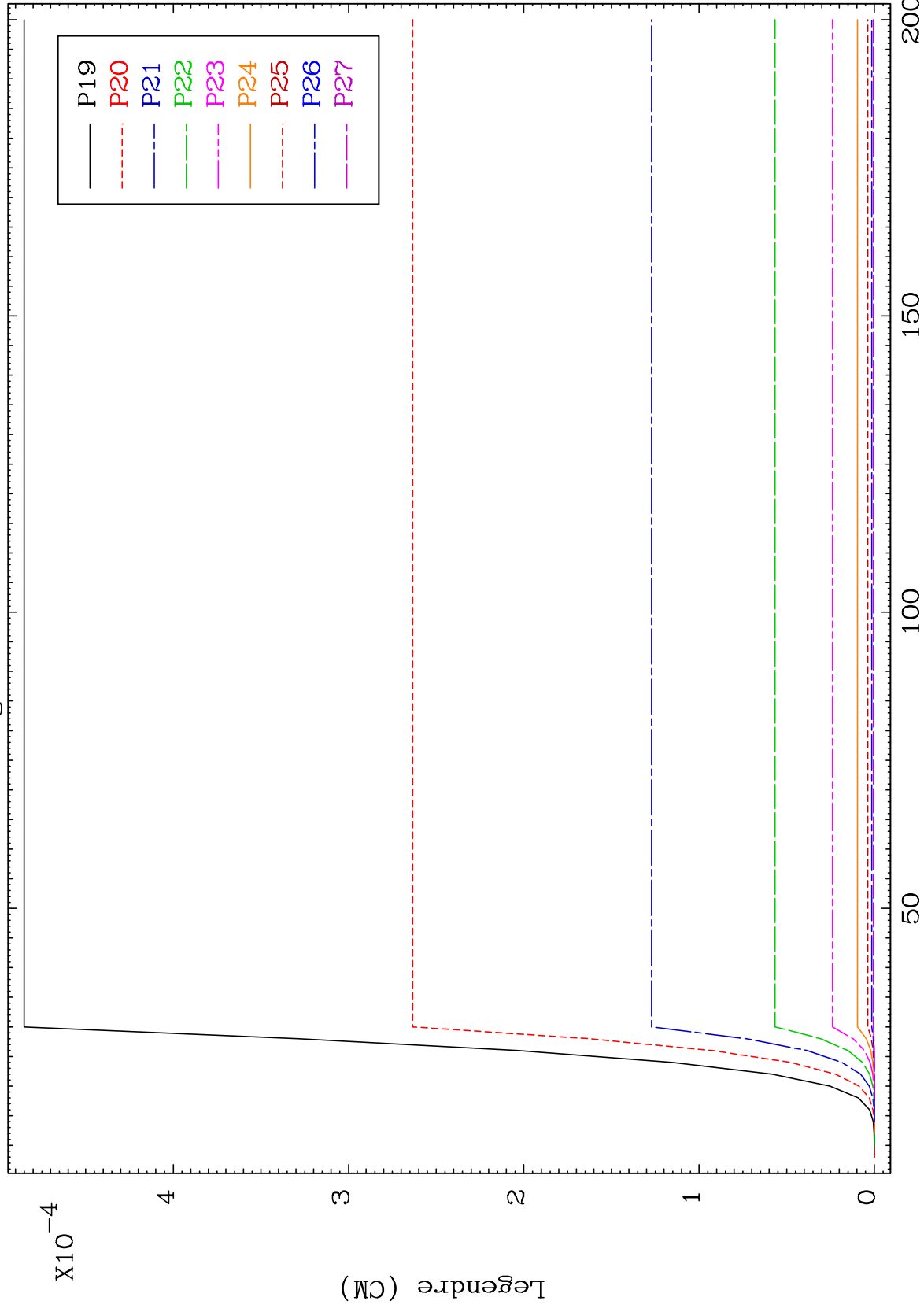
Incident Energy (MeV)

38-Sr-76

MAT 3801

MT= 52 (n,n') Level  
Legendre Coefficients

38-Sr-76



23

Incident Energy (MeV)

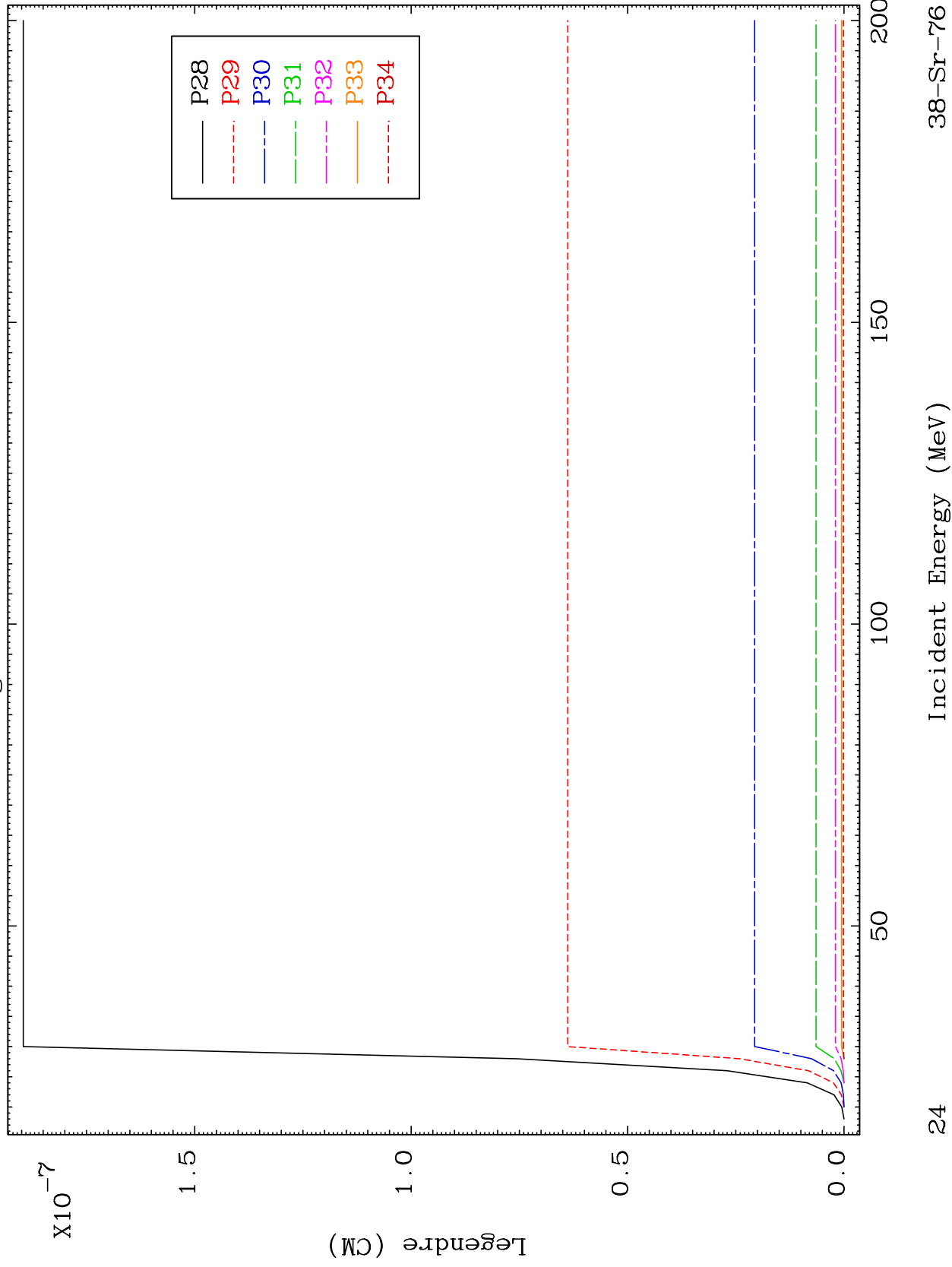
38-Sr-76



MAT 3801

MT= 52 (n,n') Level  
Legendre Coefficients

38-Sr-76



24

Incident Energy (MeV)

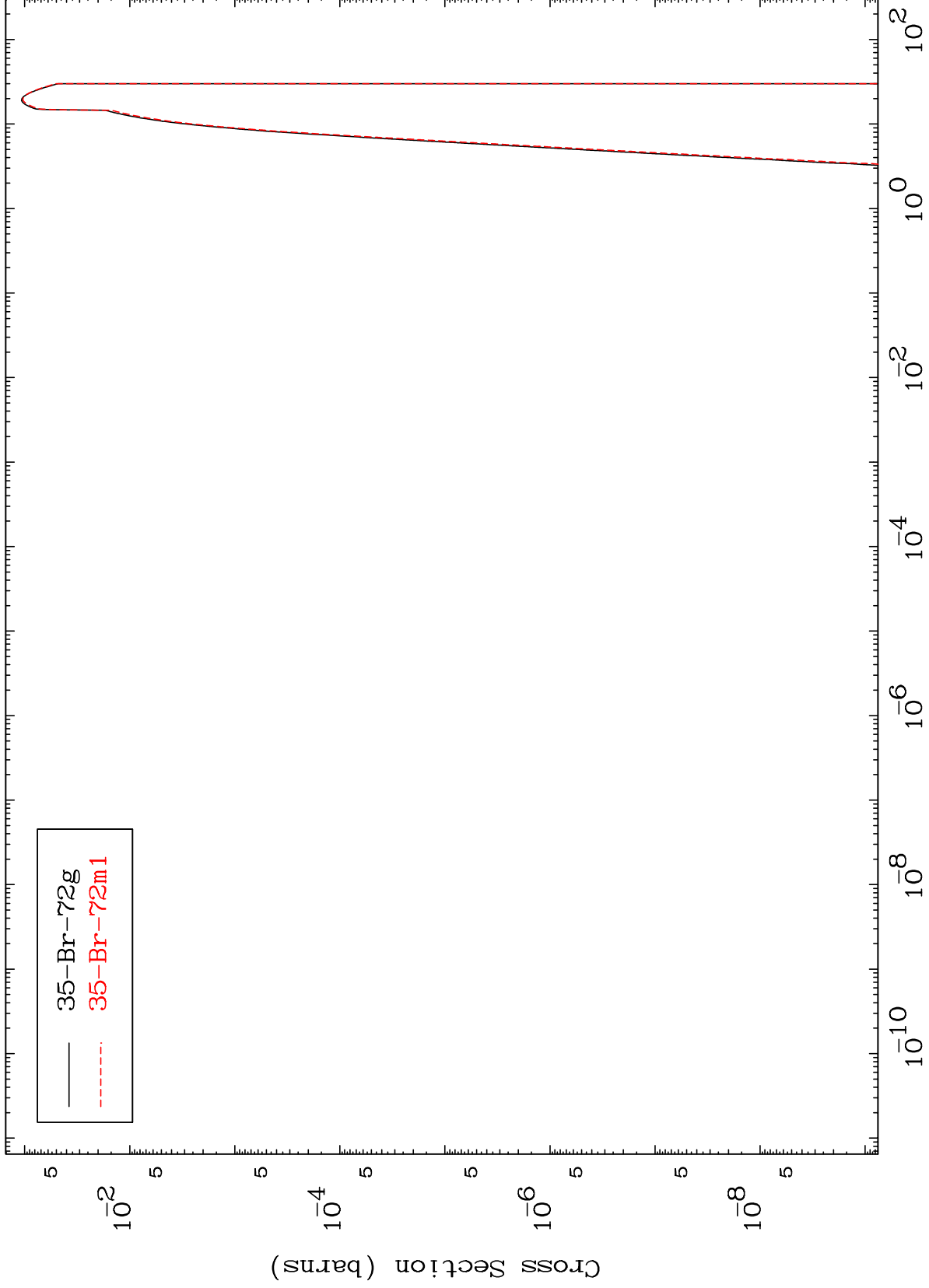
38-Sr-76

MAT 3801

(n,p)  $\alpha$

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

Radionuclide Production Cross Section



25

Incident Energy (MeV)

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