

Program EVALPLOT  
(Version 2018-1)

by

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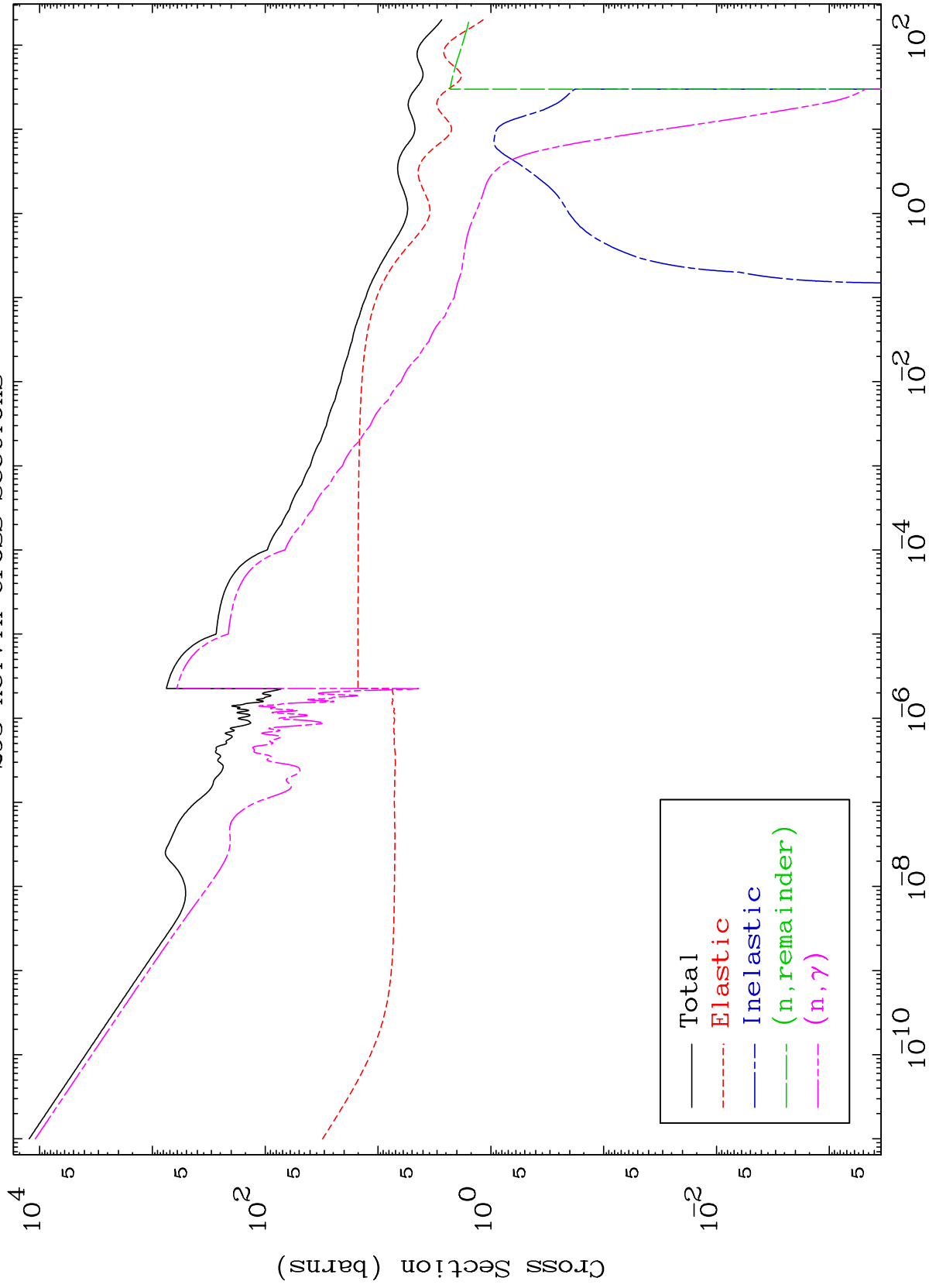
Press Mouse Button to Start

MAT 7871

Major

293 Kelvin Cross Sections

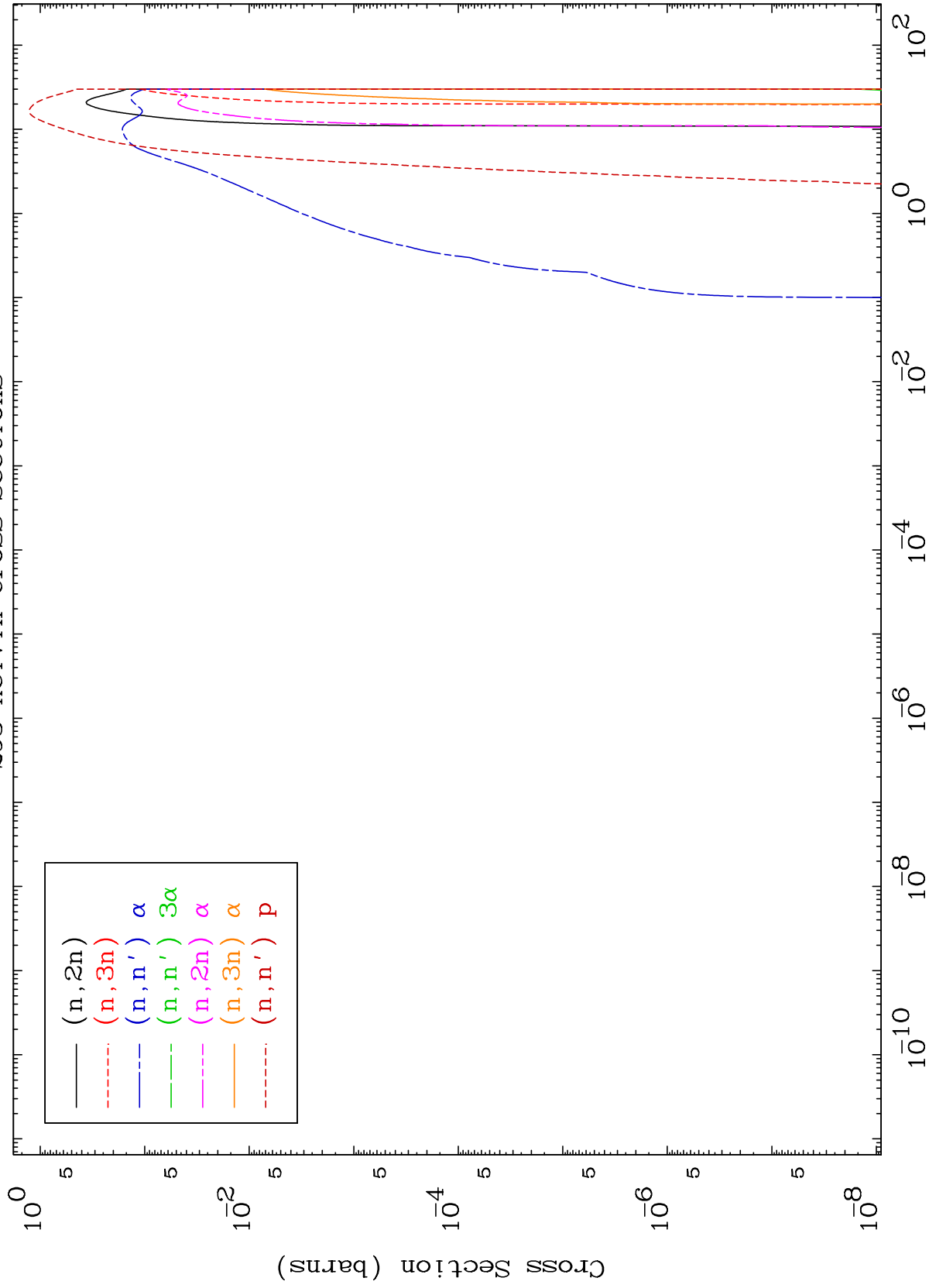
79-Au-179



MAT 7871

Neutron Production  
293 Kelvin Cross Sections

79-Au-179



2

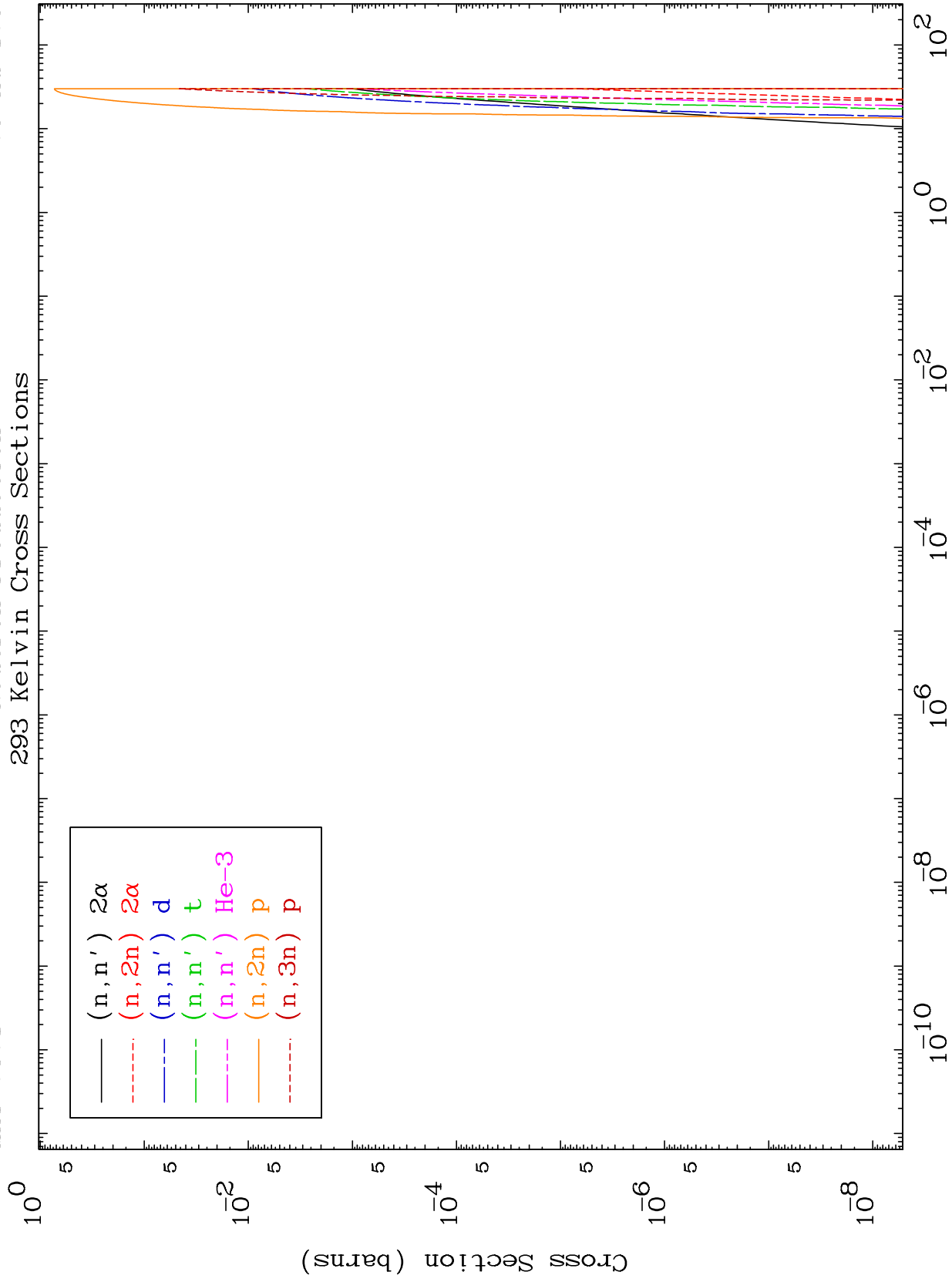
Incident Energy (MeV)

79-Au-179

MAT 7871

Neutron Production  
293 Kelvin Cross Sections

79-Au-179



3

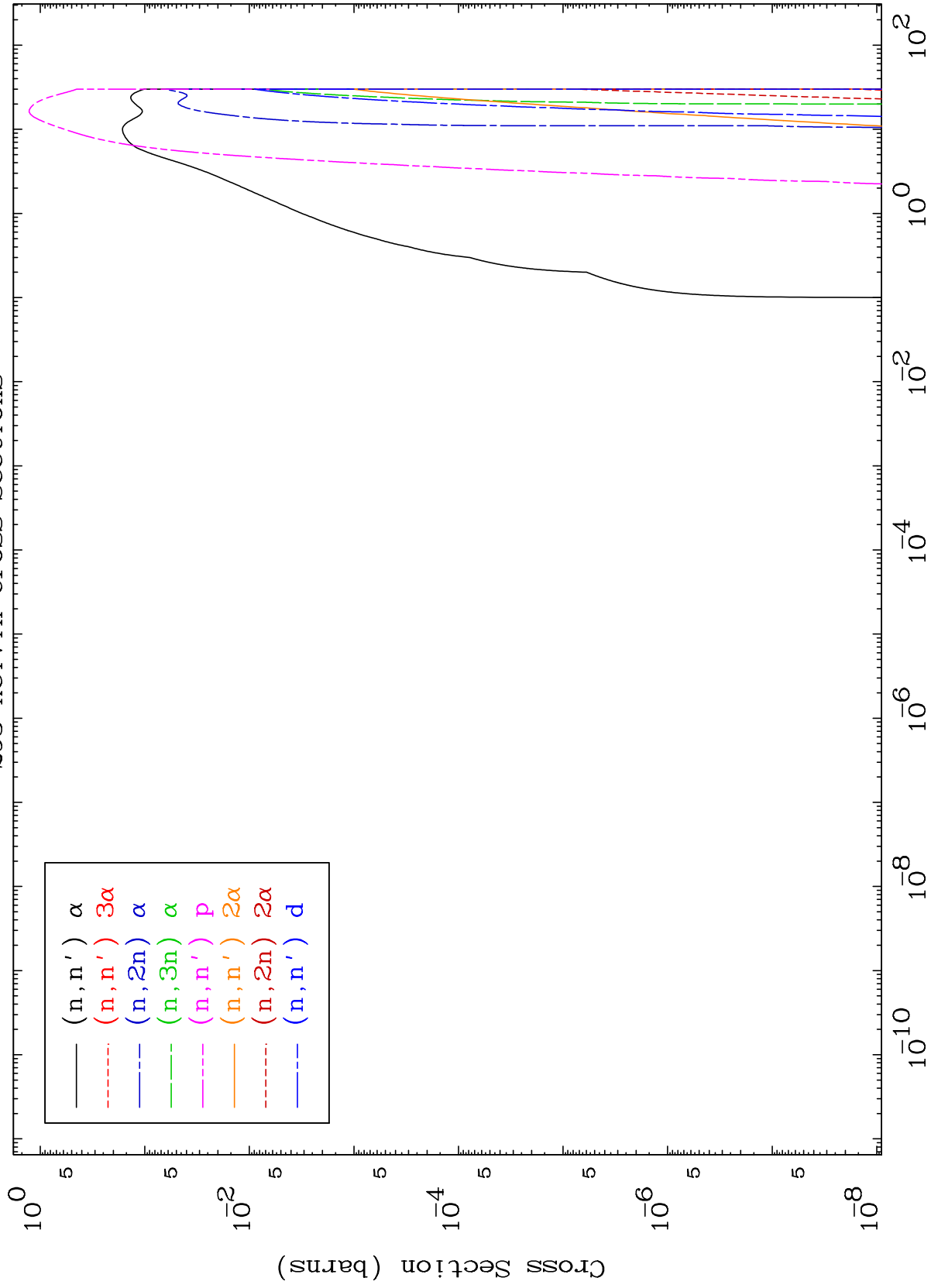
Incident Energy (MeV)

79-Au-179

MAT 7871

293 Kelvin Cross Sections

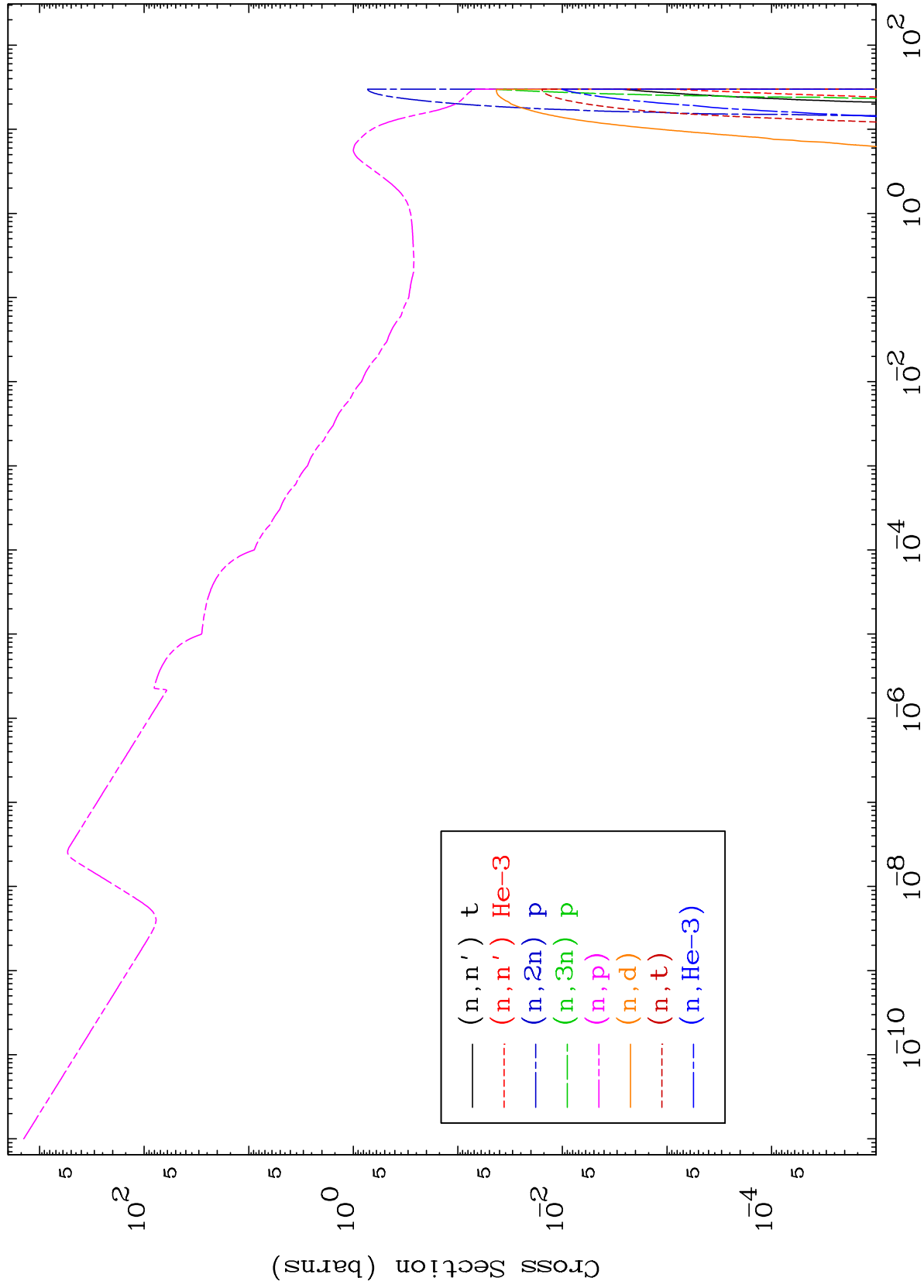
79-Au-179

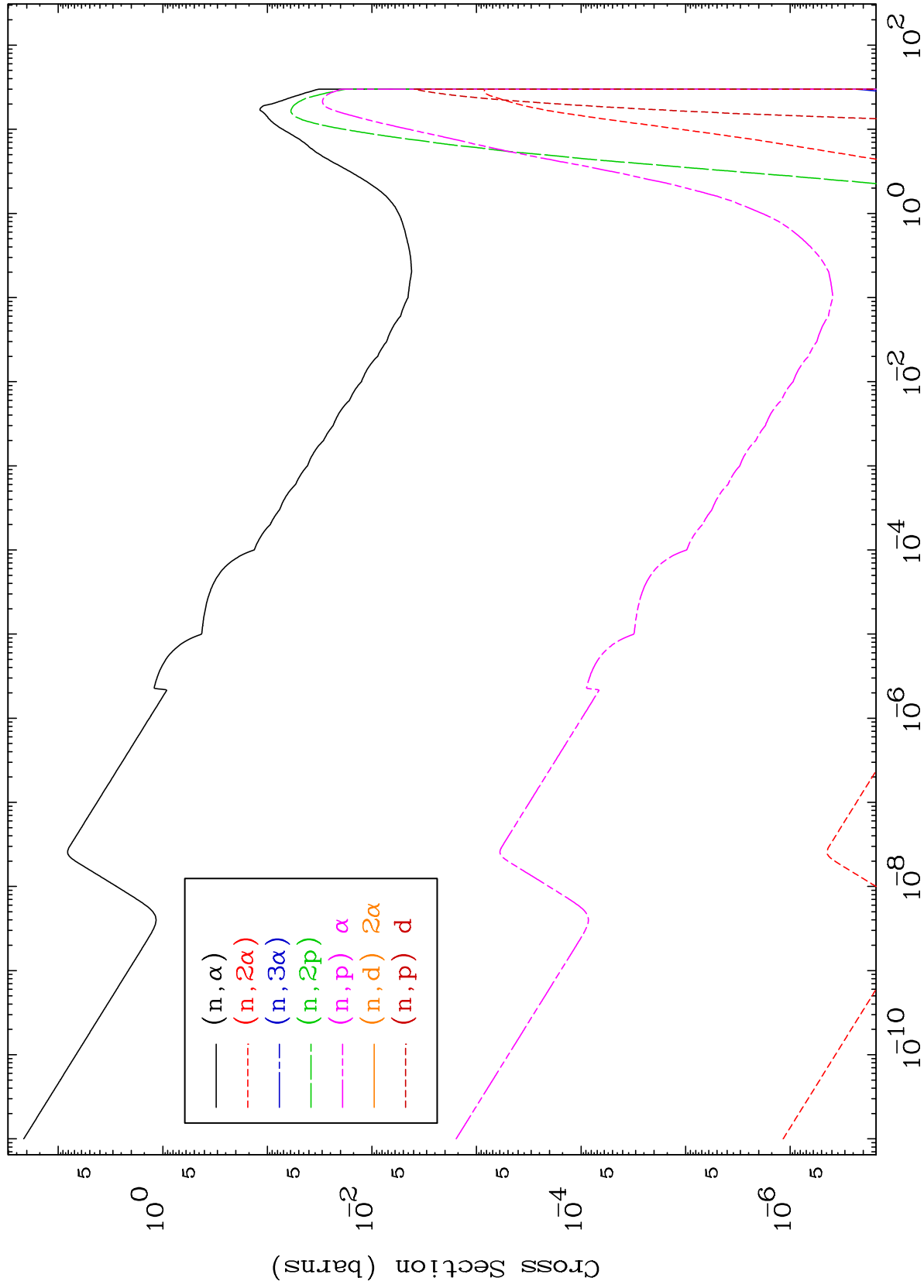


MAT 7871

293 Kelvin Cross Sections

79-Au-179

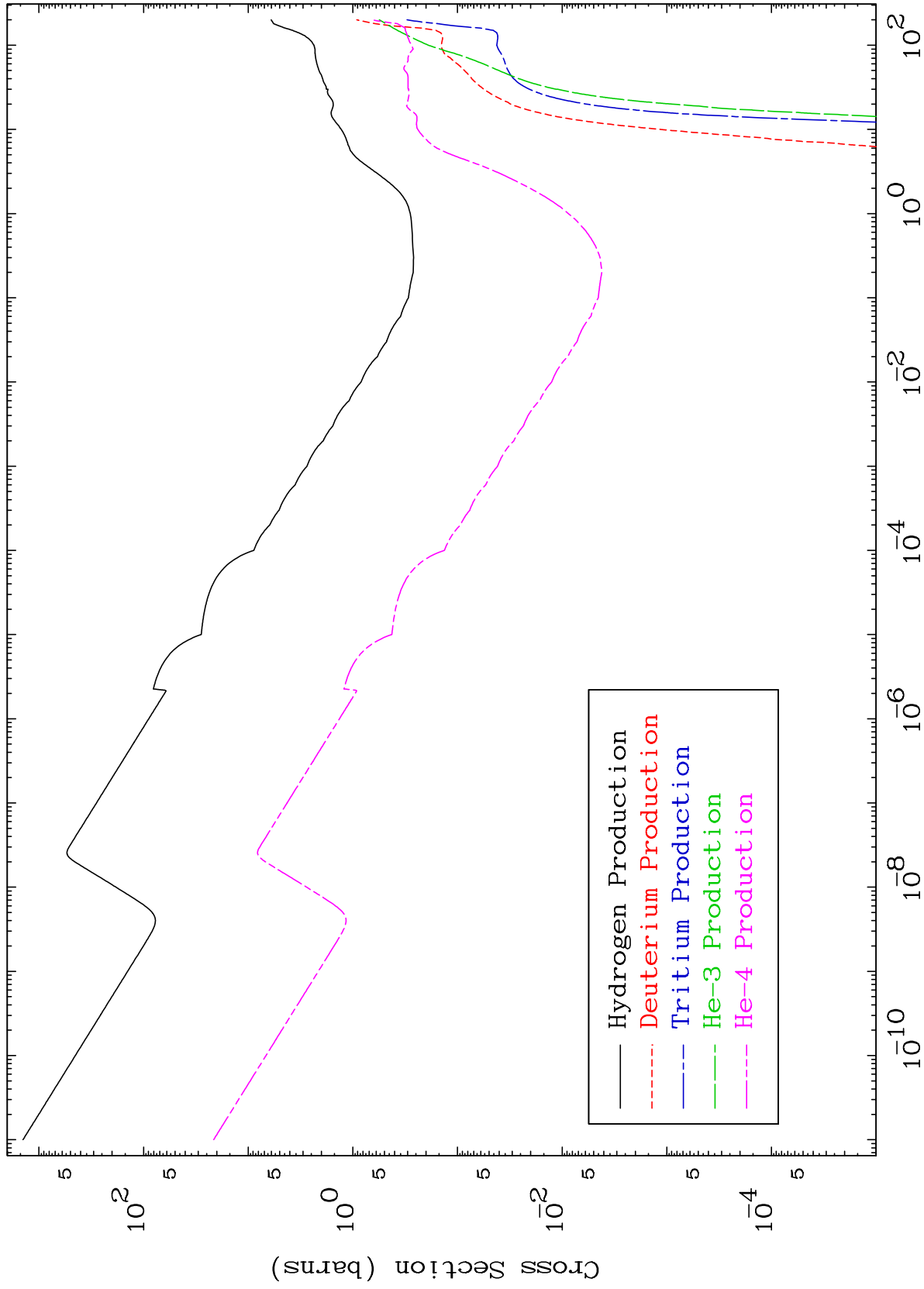




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Particle Production  
293 Kelvin Cross Sections

79-Au-179



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Incident Energy (MeV)

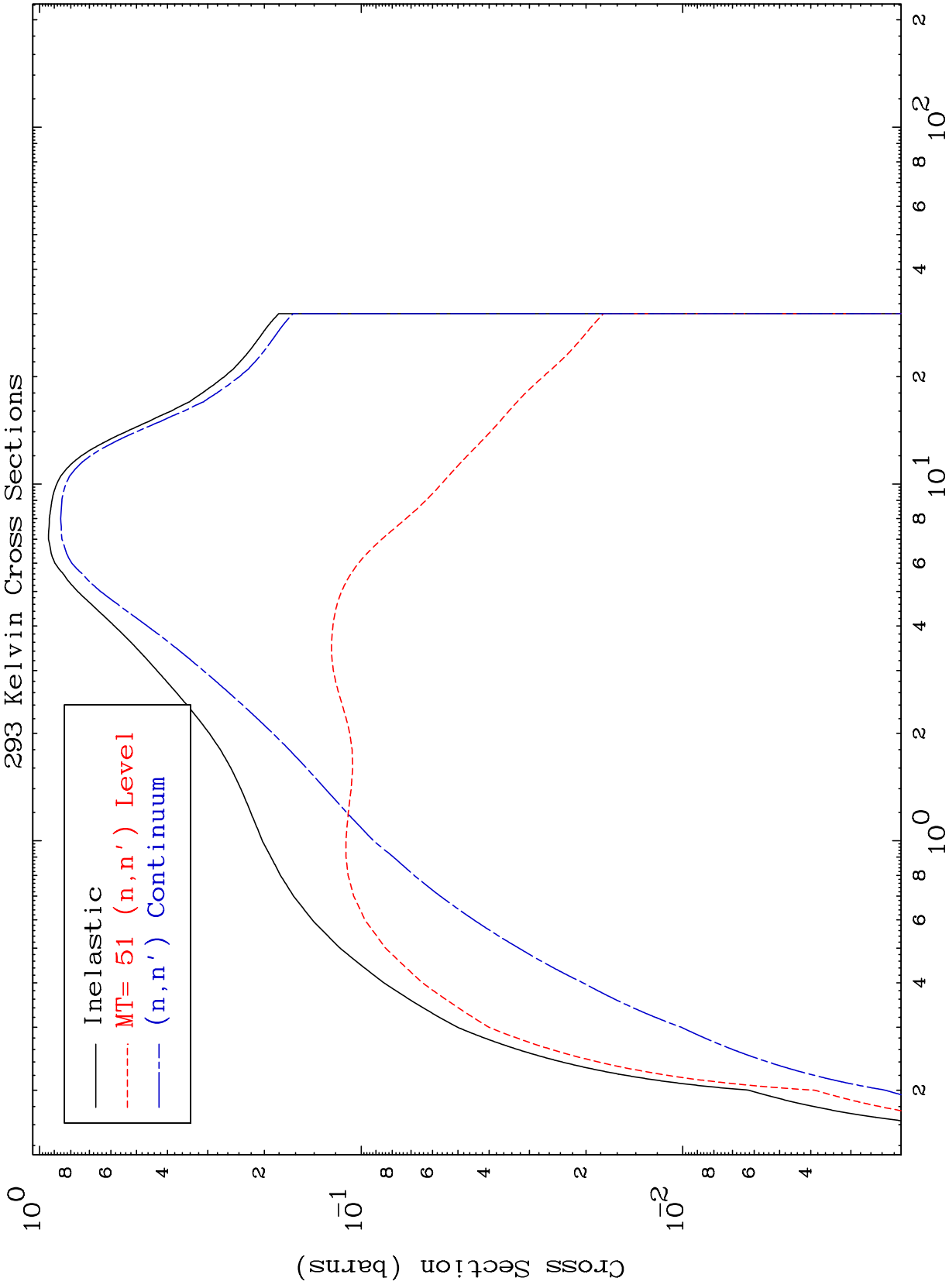
79-Au-179



MAT 7871

79-Au-179

(n,n') Level  
293 Kelvin Cross Sections



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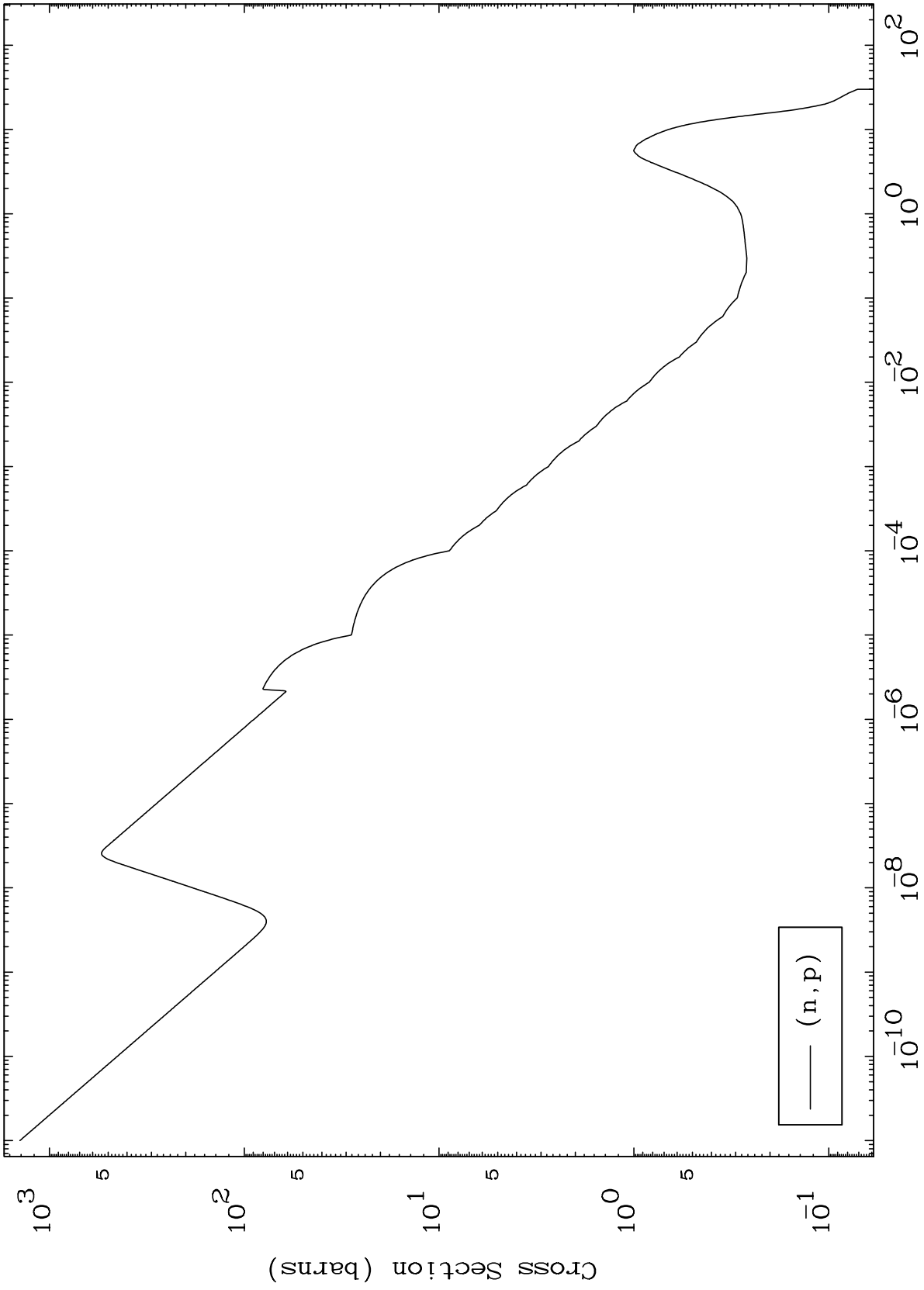
Incident Energy (MeV)

79-Au-179

MAT 7871

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-179



9

Incident Energy (MeV)

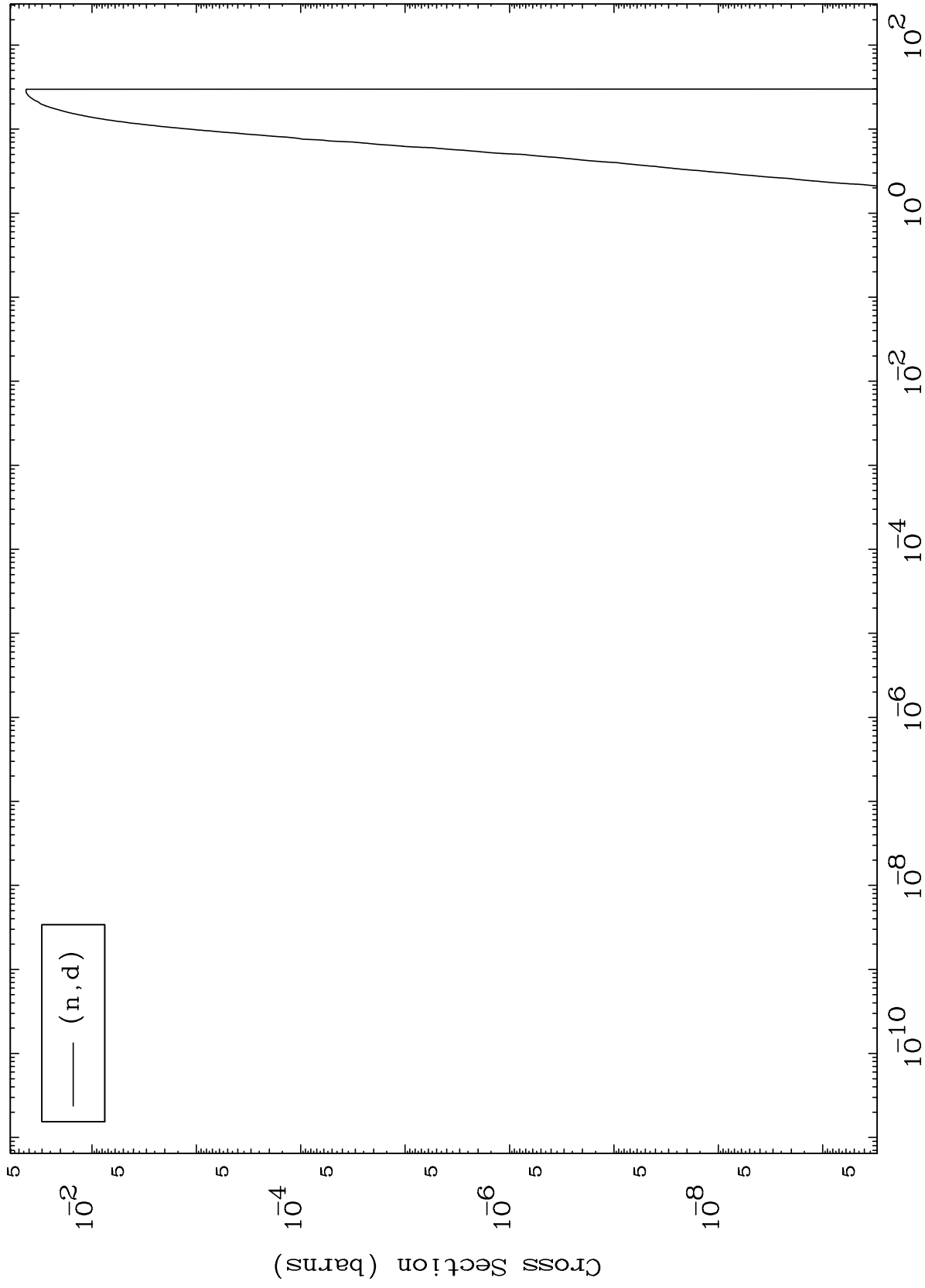
79-Au-179

— (n,p)

MAT 7871

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-179



10

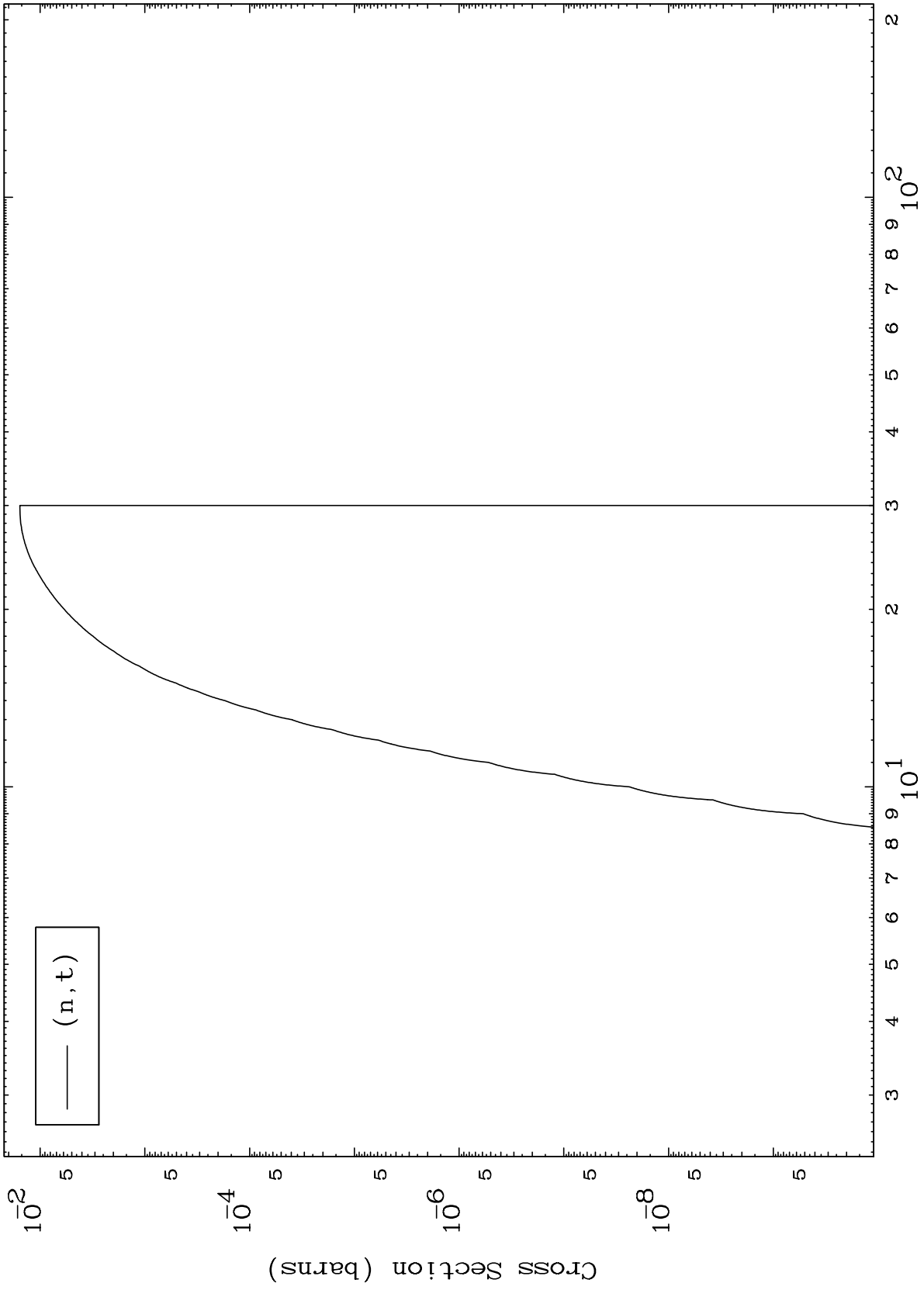
Incident Energy (MeV)

79-Au-179

MAT 7871

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-179



11

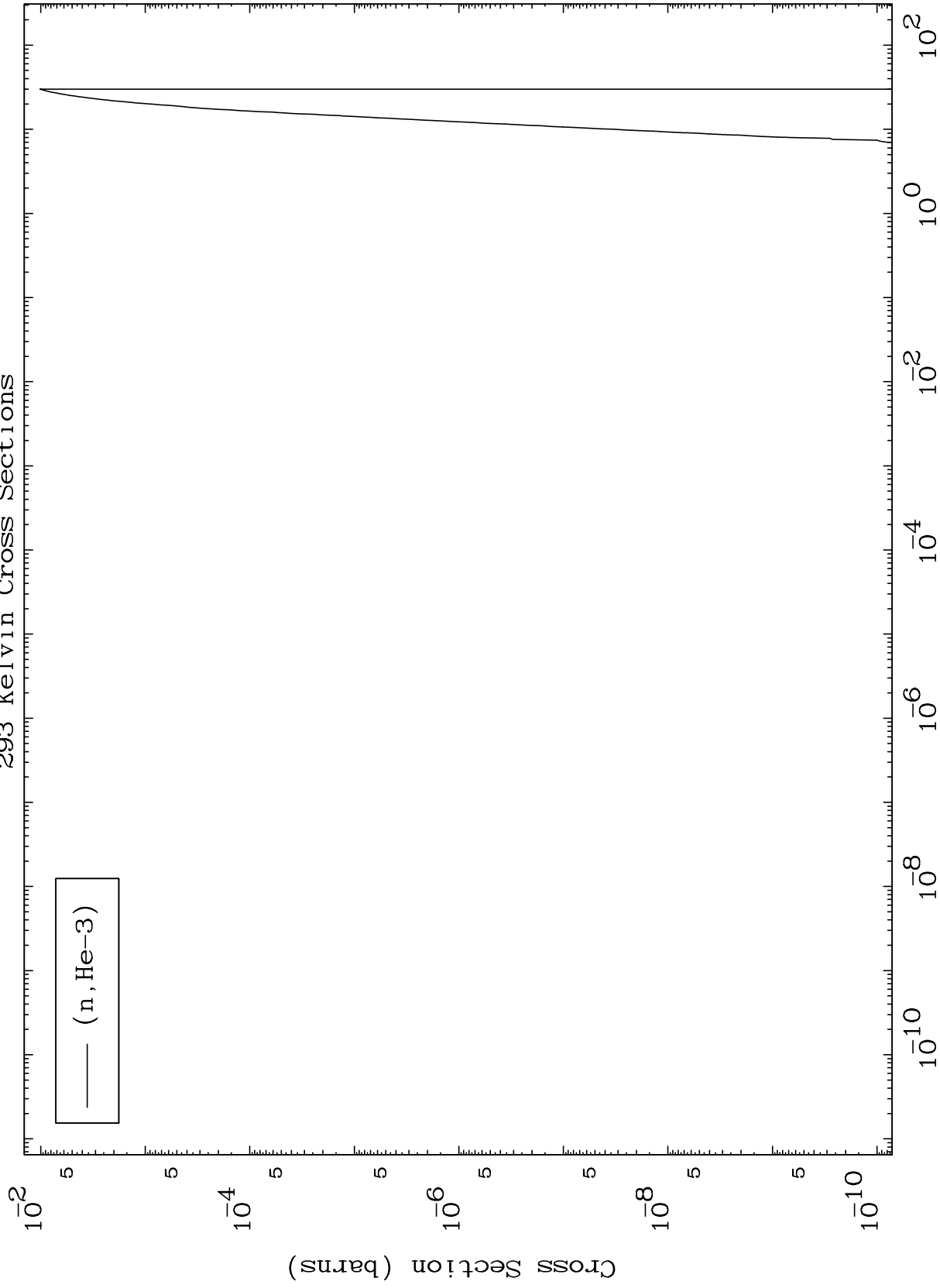
Incident Energy (MeV)

79-Au-179

MAT 7871

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-179



12

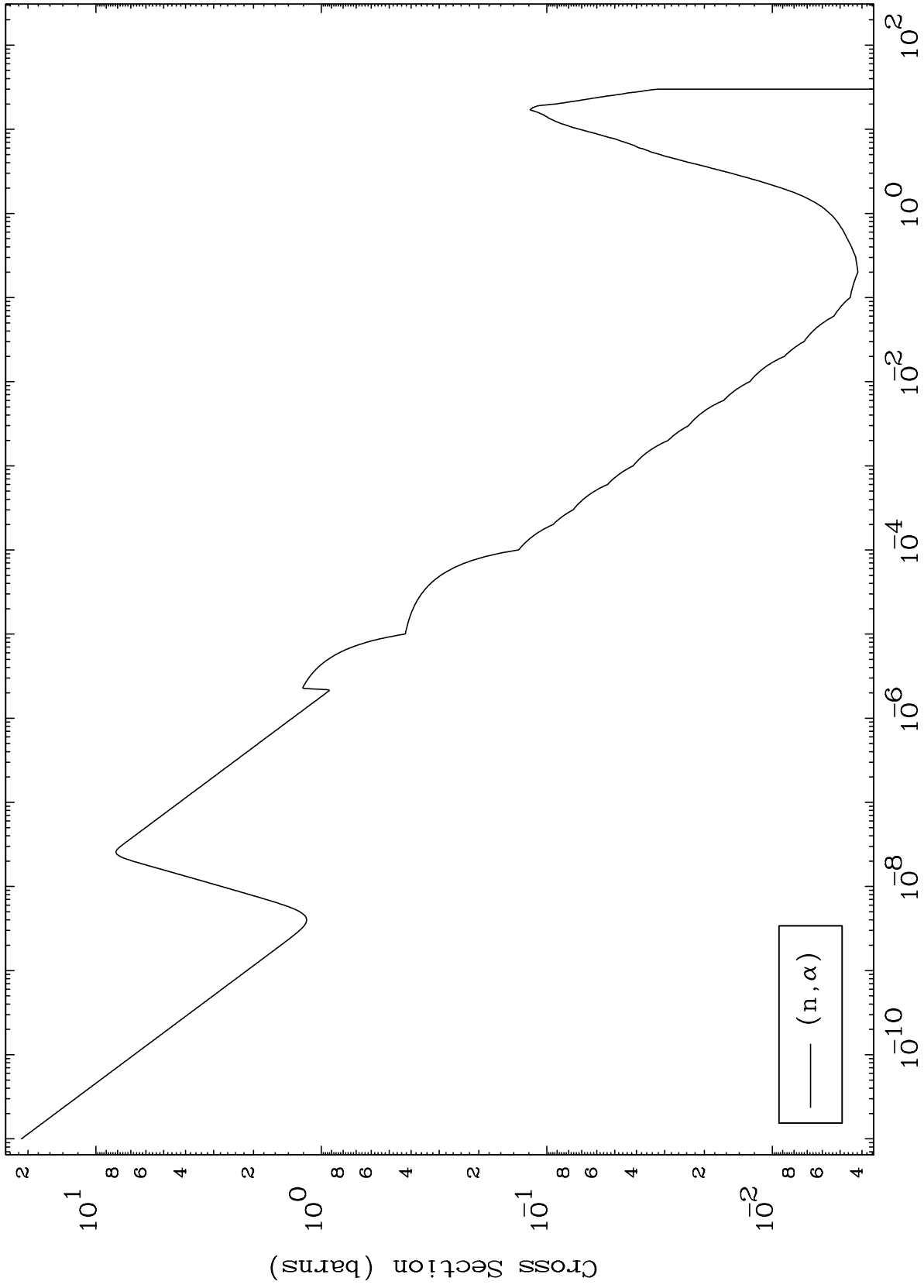
Incident Energy (MeV)

79-Au-179

MAT 7871

(n,α) Levels  
293 Kelvin Cross Sections

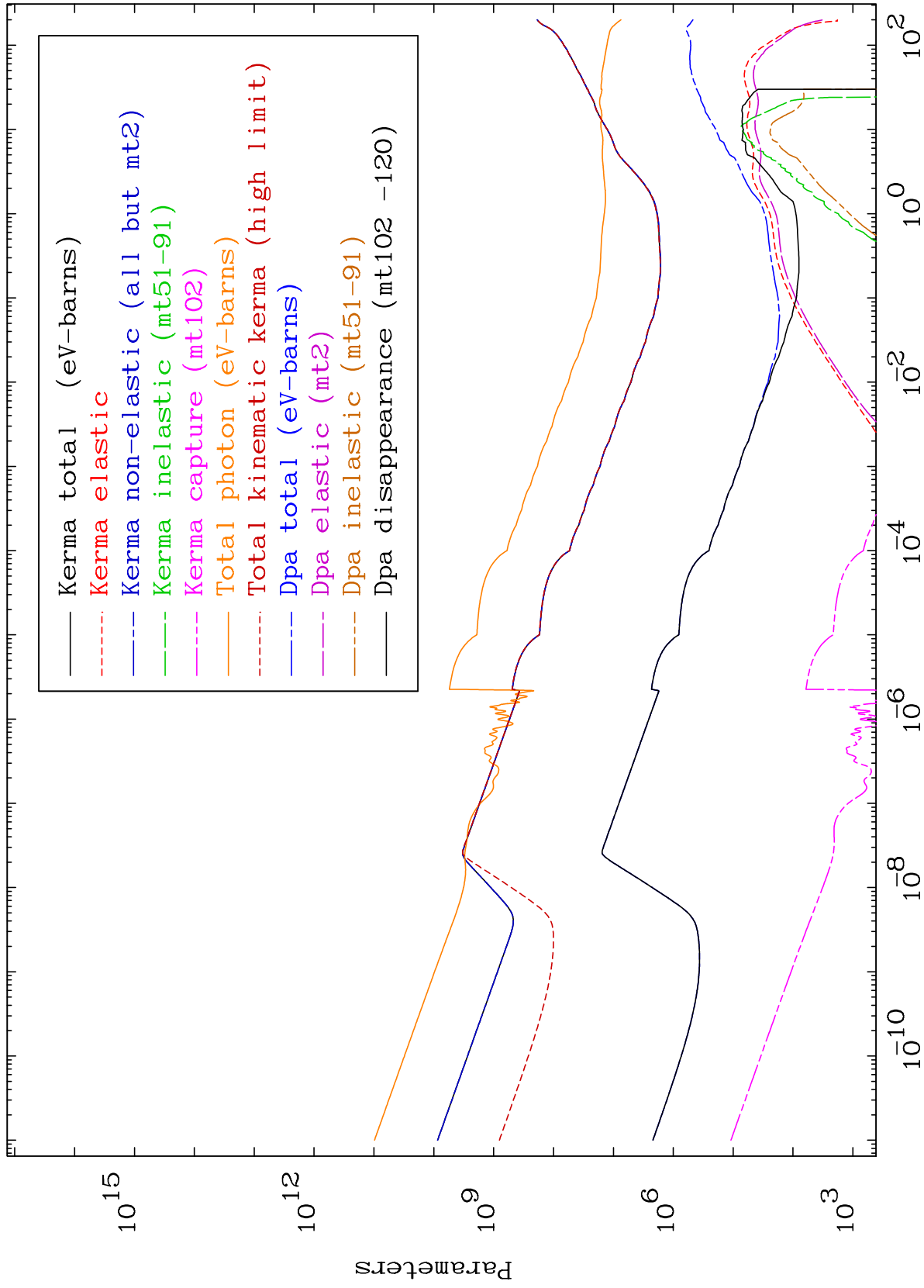
79-Au-179

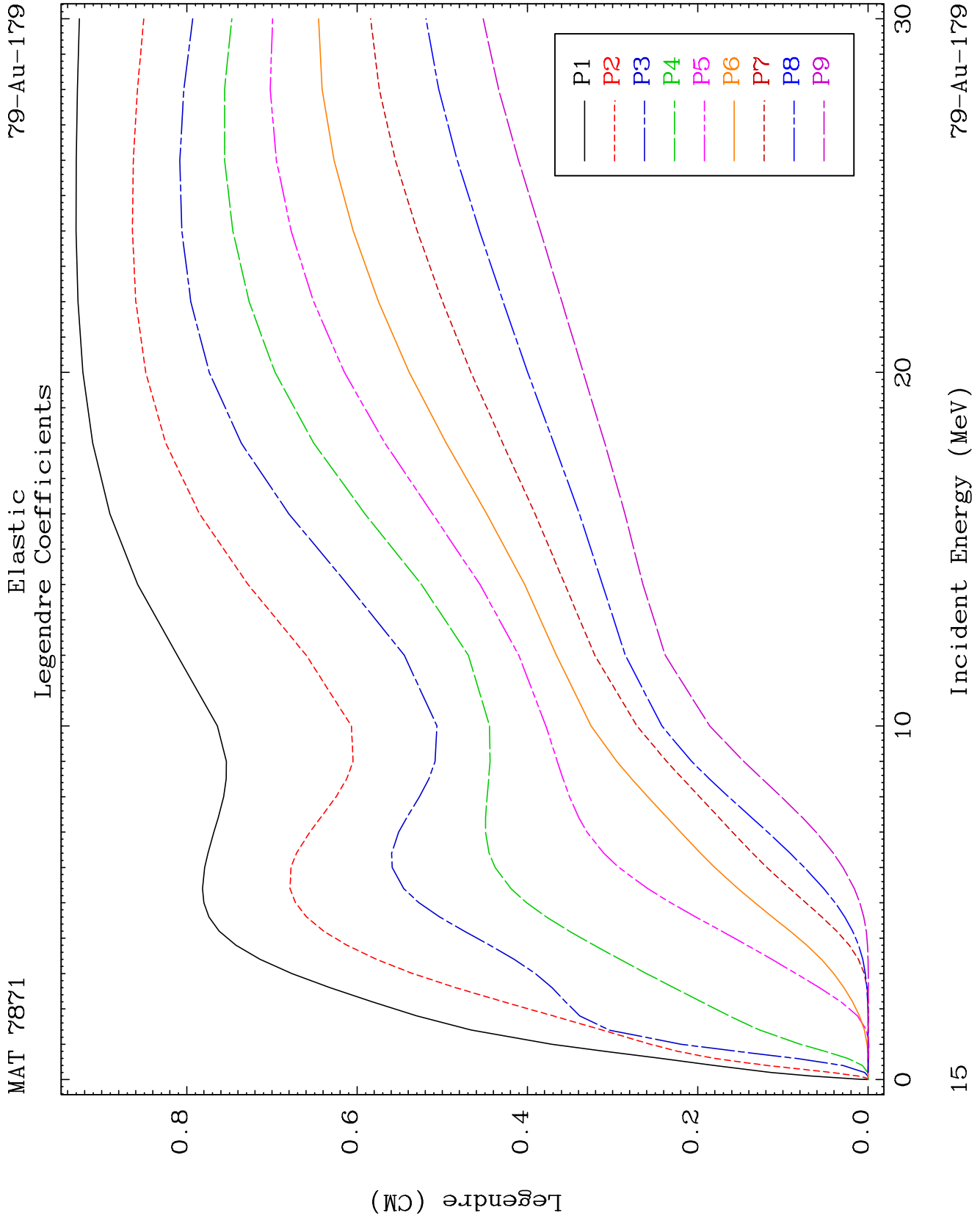


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Incident Energy (MeV)

79-Au-179



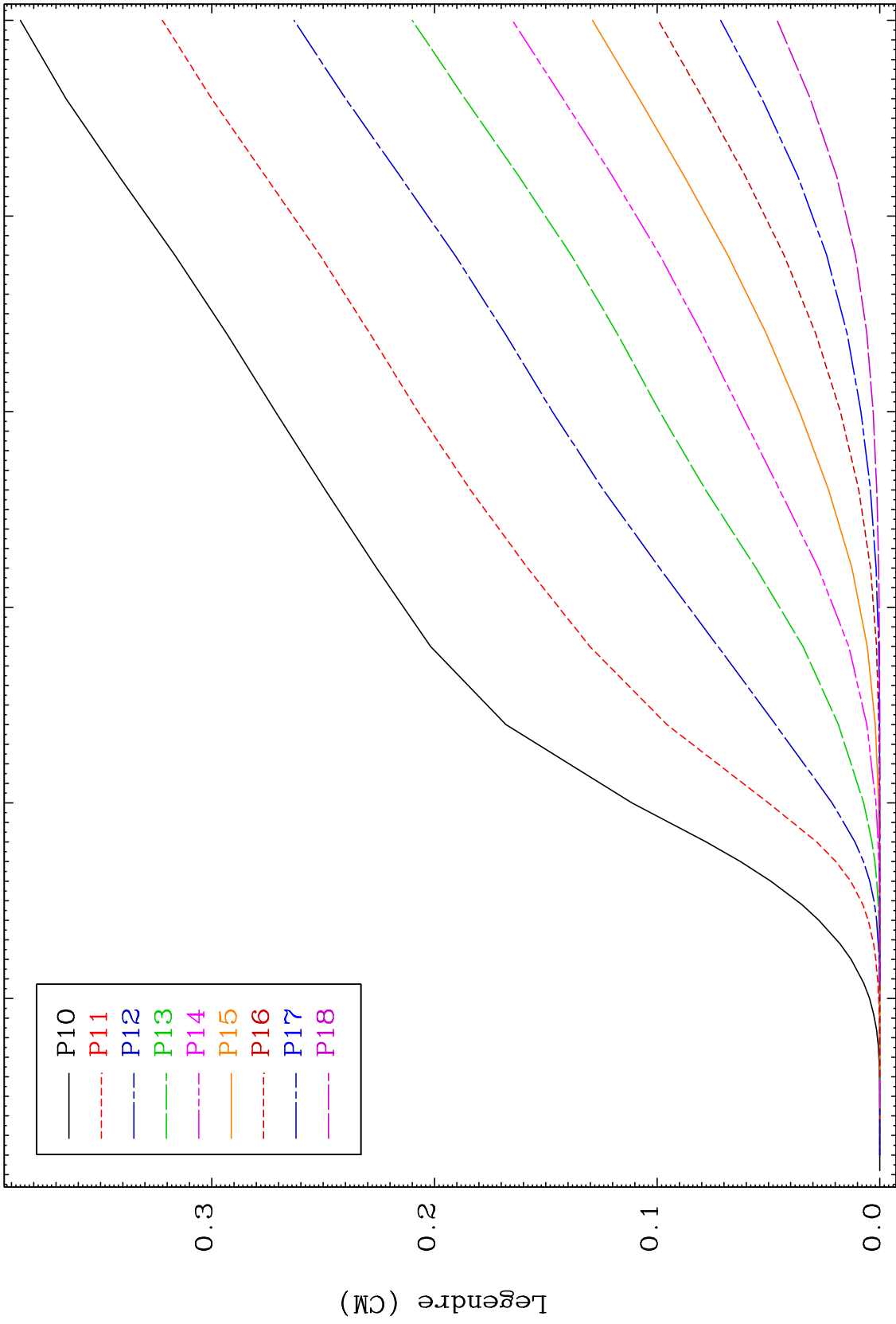




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Elastic Legendre Coefficients

<sup>79</sup>Au-<sup>179</sup>



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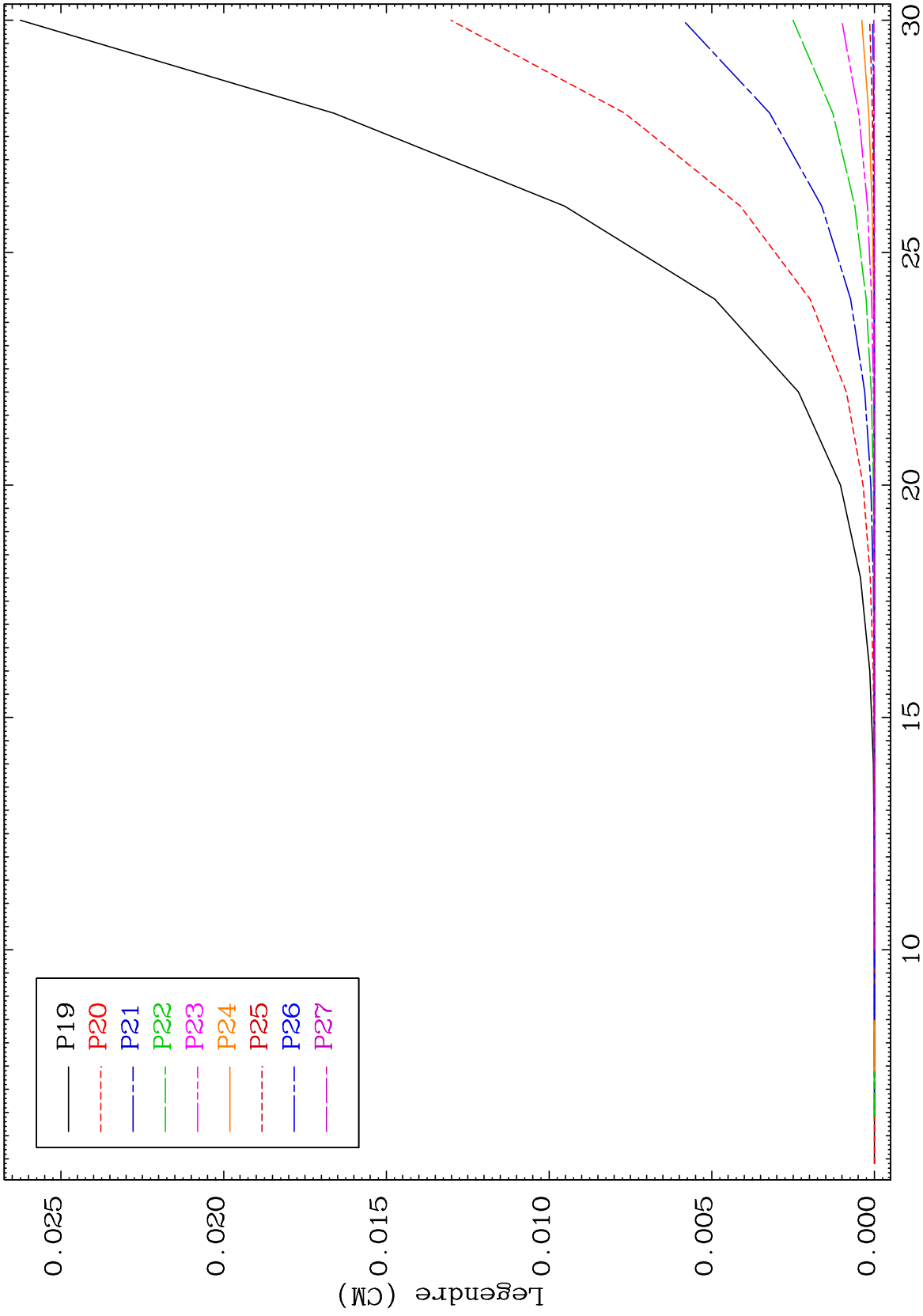
Incident Energy (MeV)

<sup>79</sup>Au-<sup>179</sup>

MAT 7871

### Elastic Legendre Coefficients

79-Au-179



17

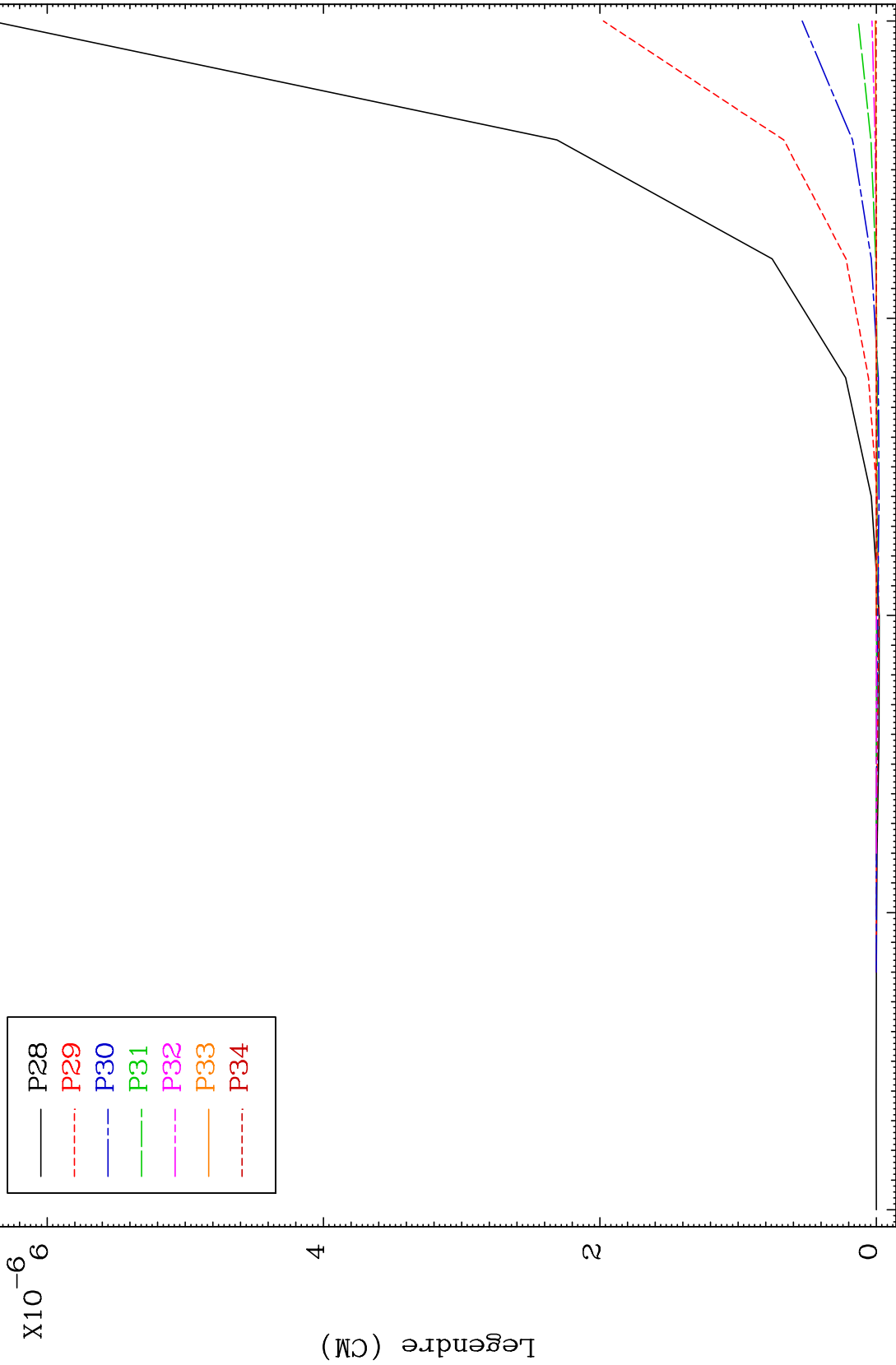
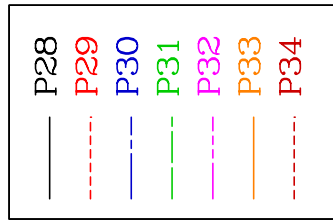
Incident Energy (MeV)

79-Au-179

MAT 7871

Elastic Legendre Coefficients

79-Au-179



18

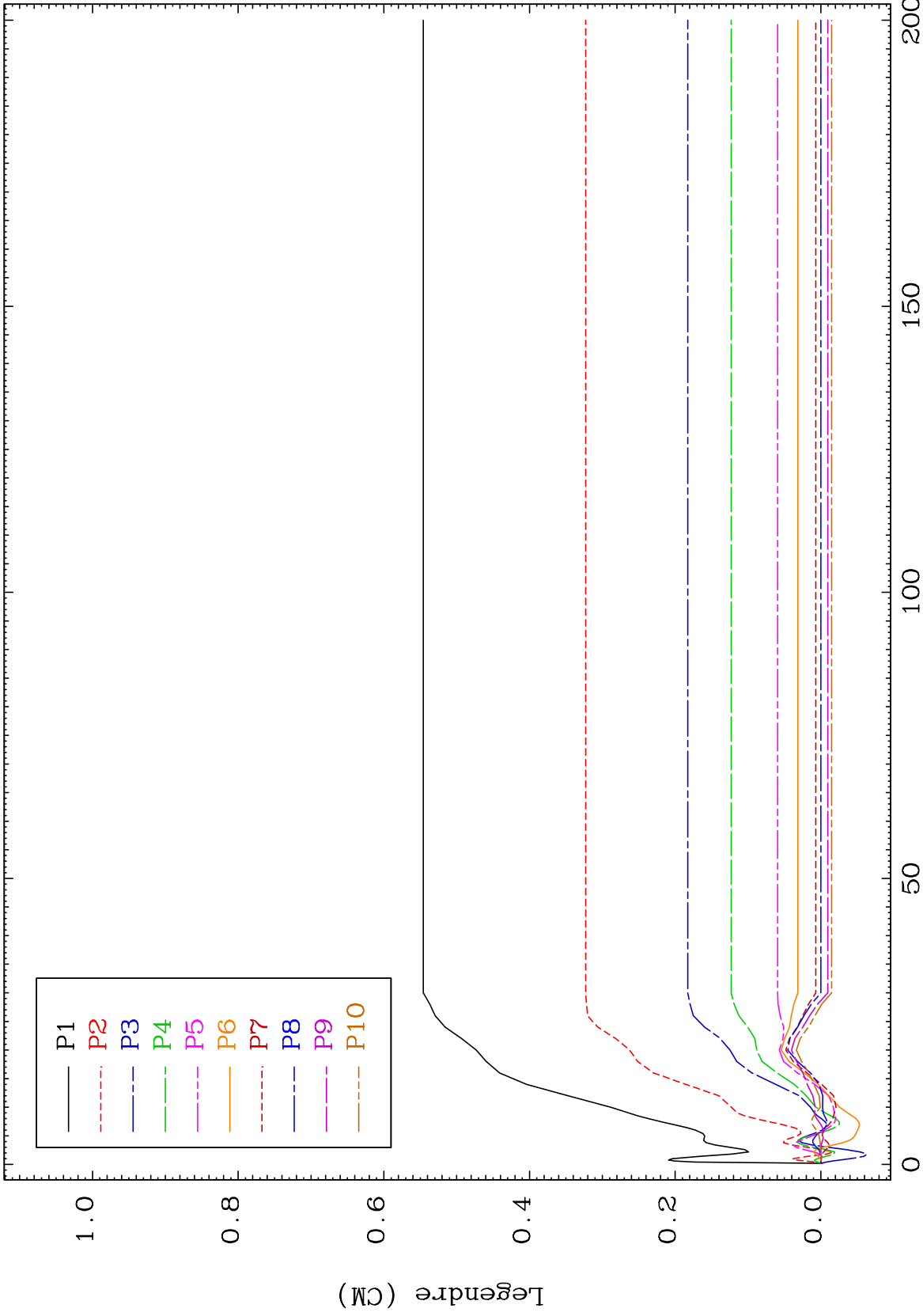
Incident Energy (MeV)

79-Au-179

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

79-Au-179



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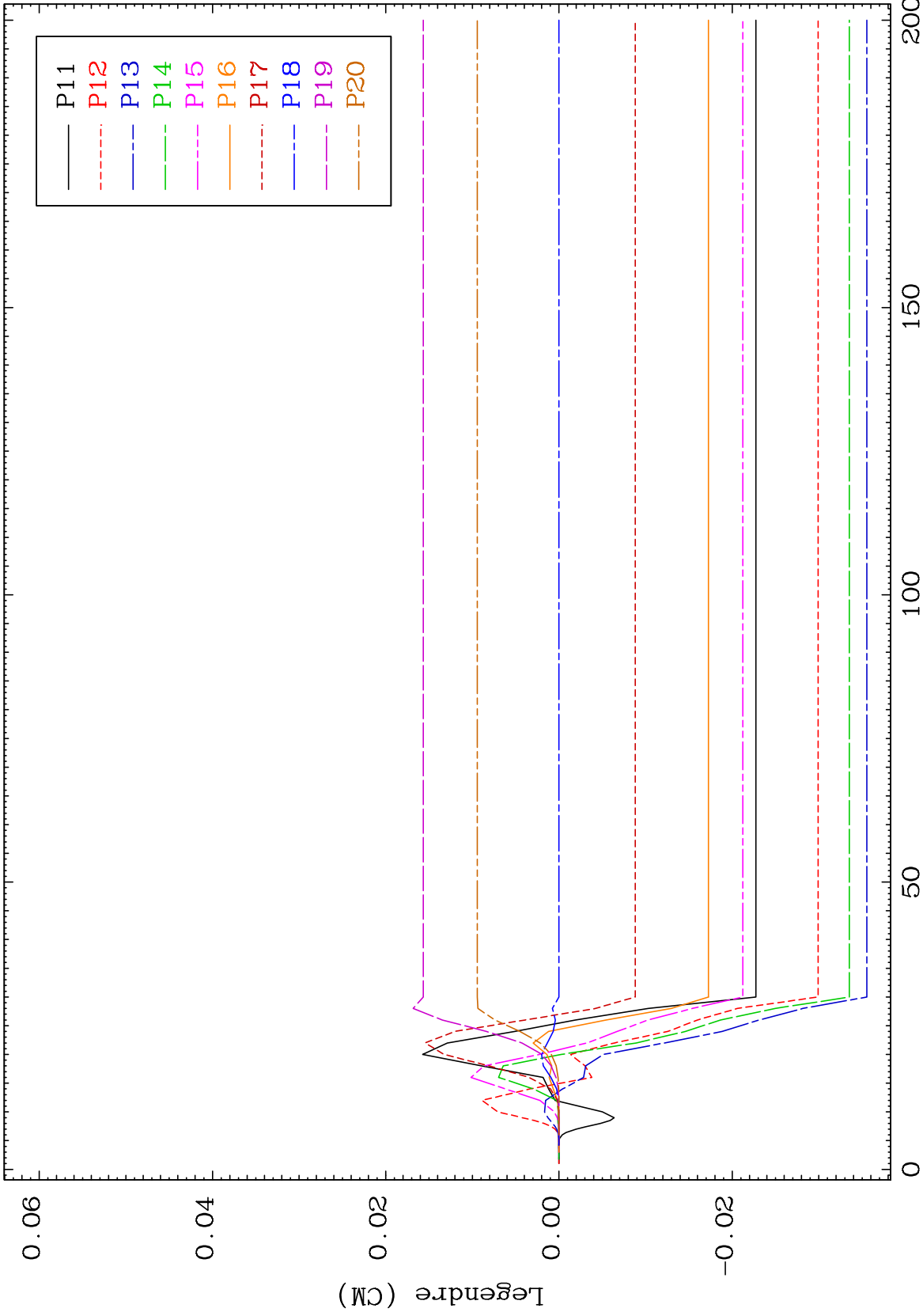
Incident Energy (MeV)

79-Au-179

MAT 7871

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

79-Au-179



79-Au-179

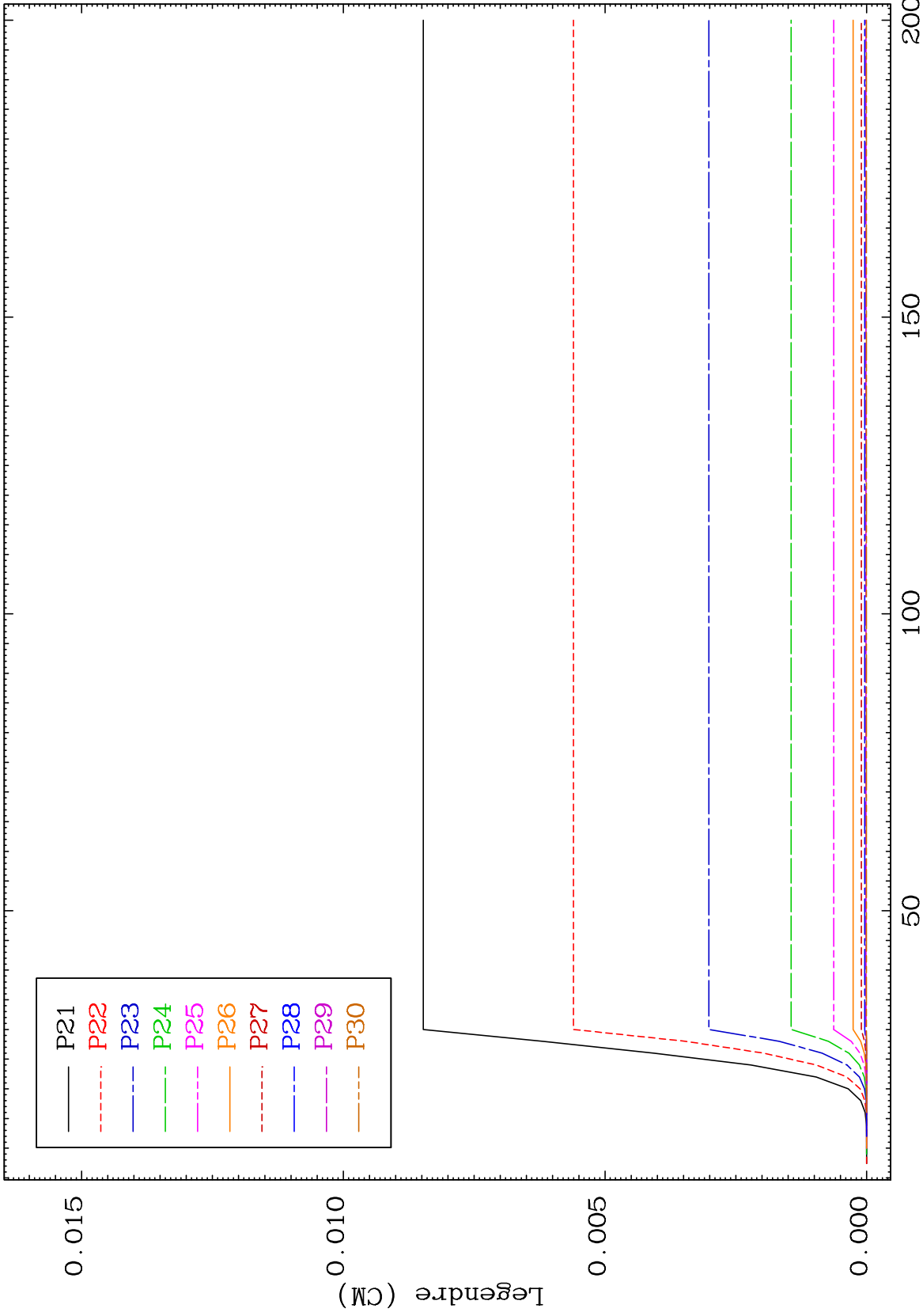
Incident Energy (MeV)

20

MAT 7871

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

79-Au-179



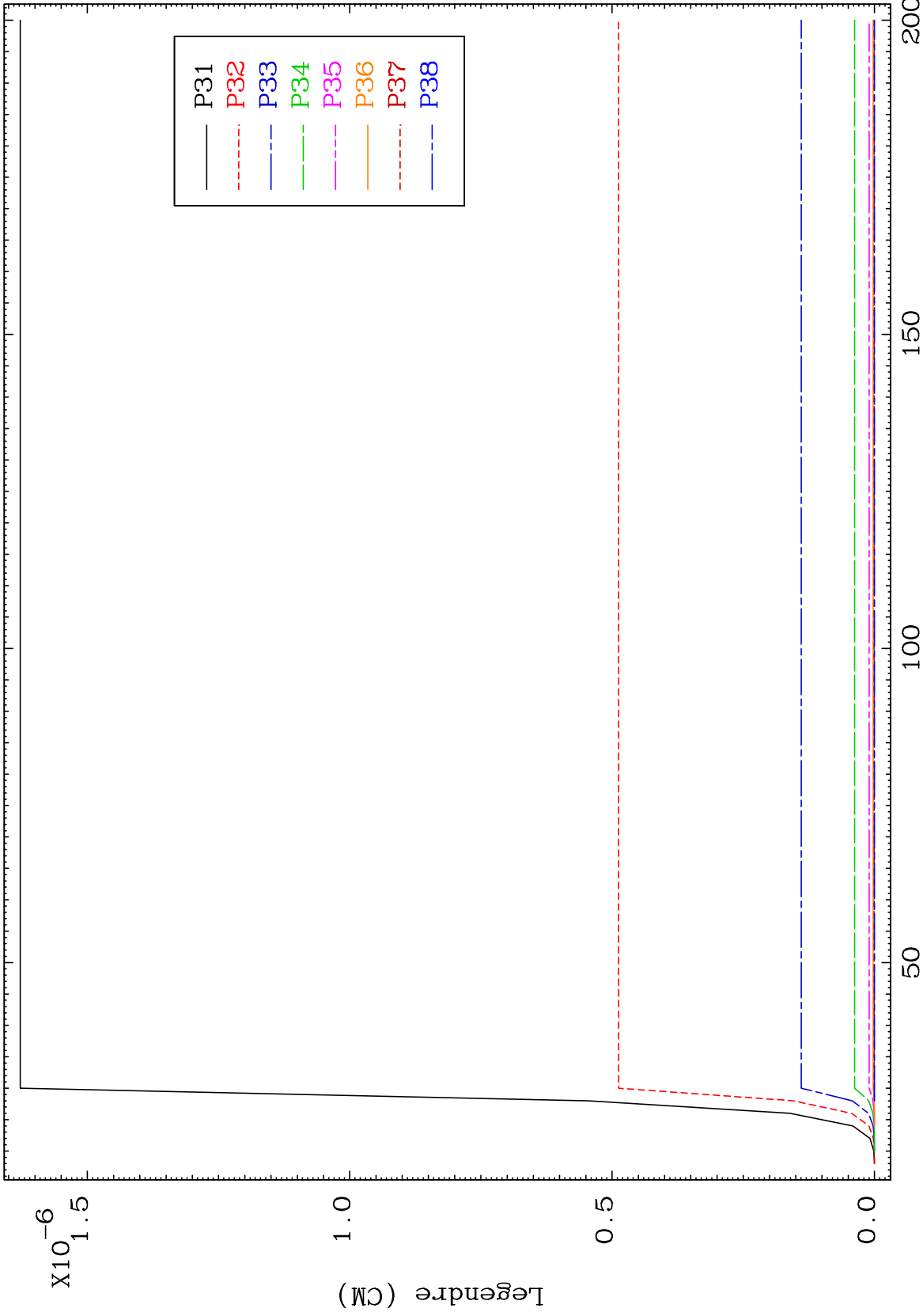
21

79-Au-179

MAT 7871

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

79-Au-179



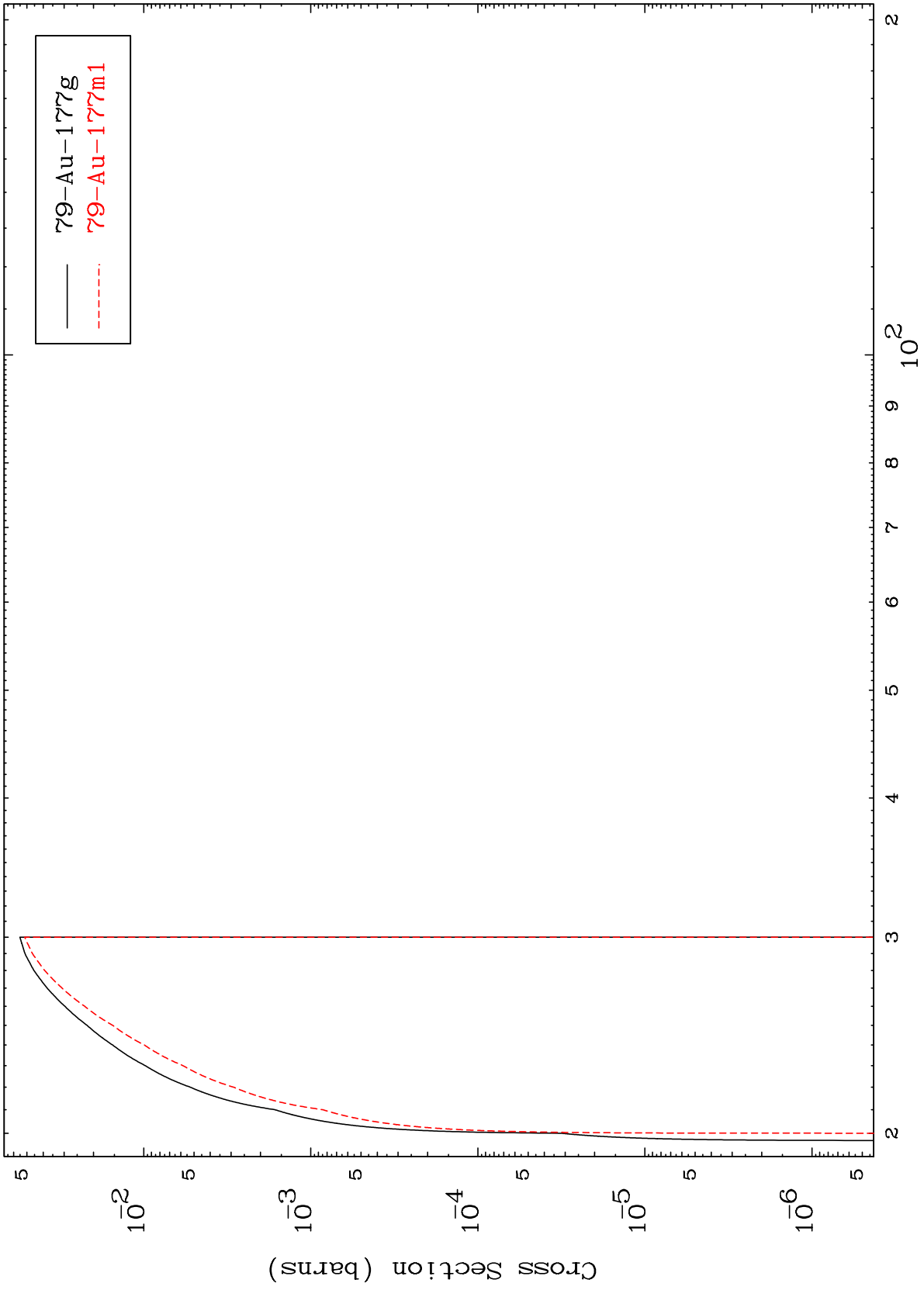
22

79-Au-179

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<sup>79</sup>Au-179

(n,3n)  
Radionuclide Production Cross Section



23

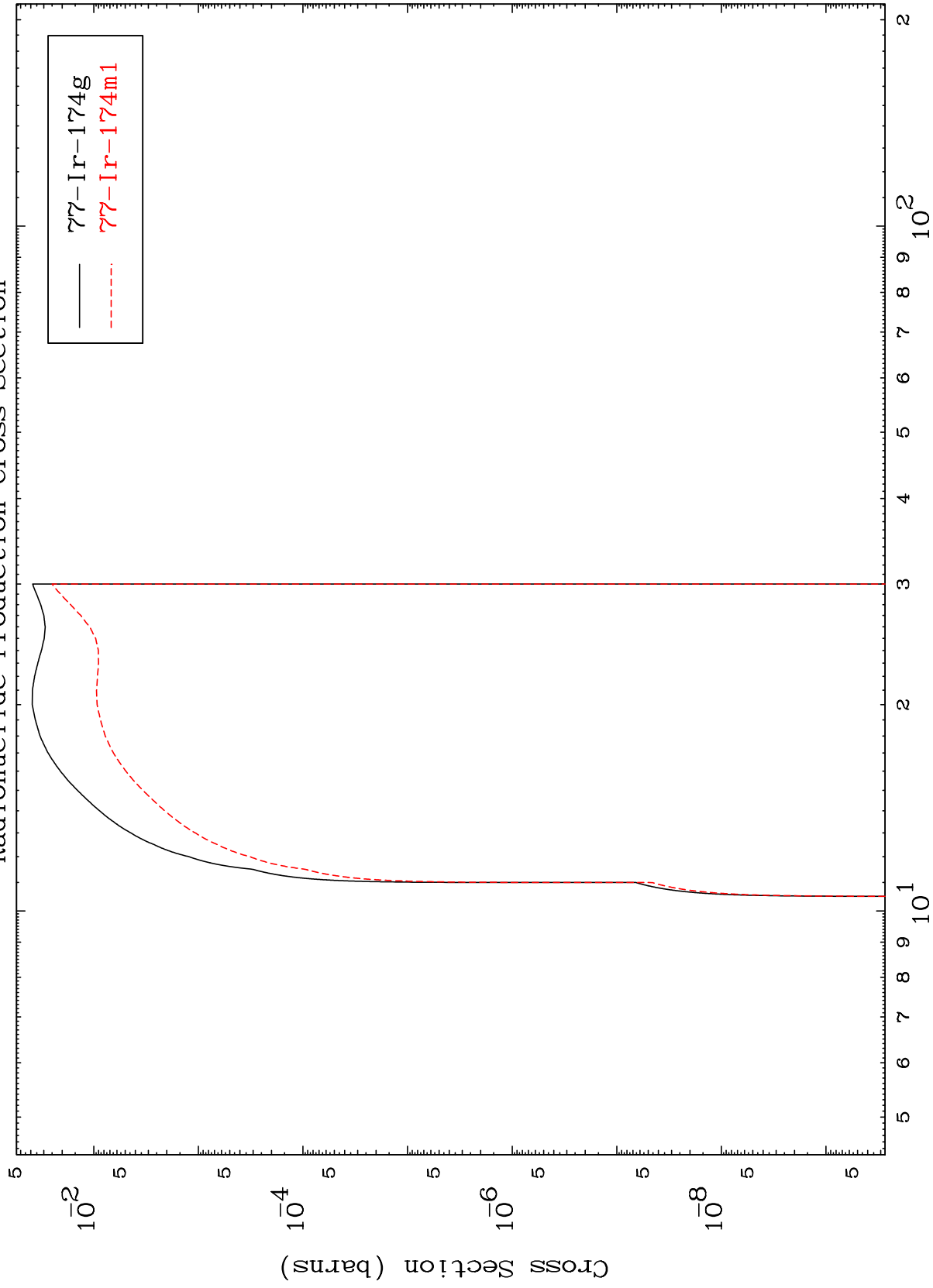
<sup>79</sup>Au-179



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79-Au-179

(n,2n)  $\alpha$   
Radionuclide Production Cross Section



24

Incident Energy (MeV)

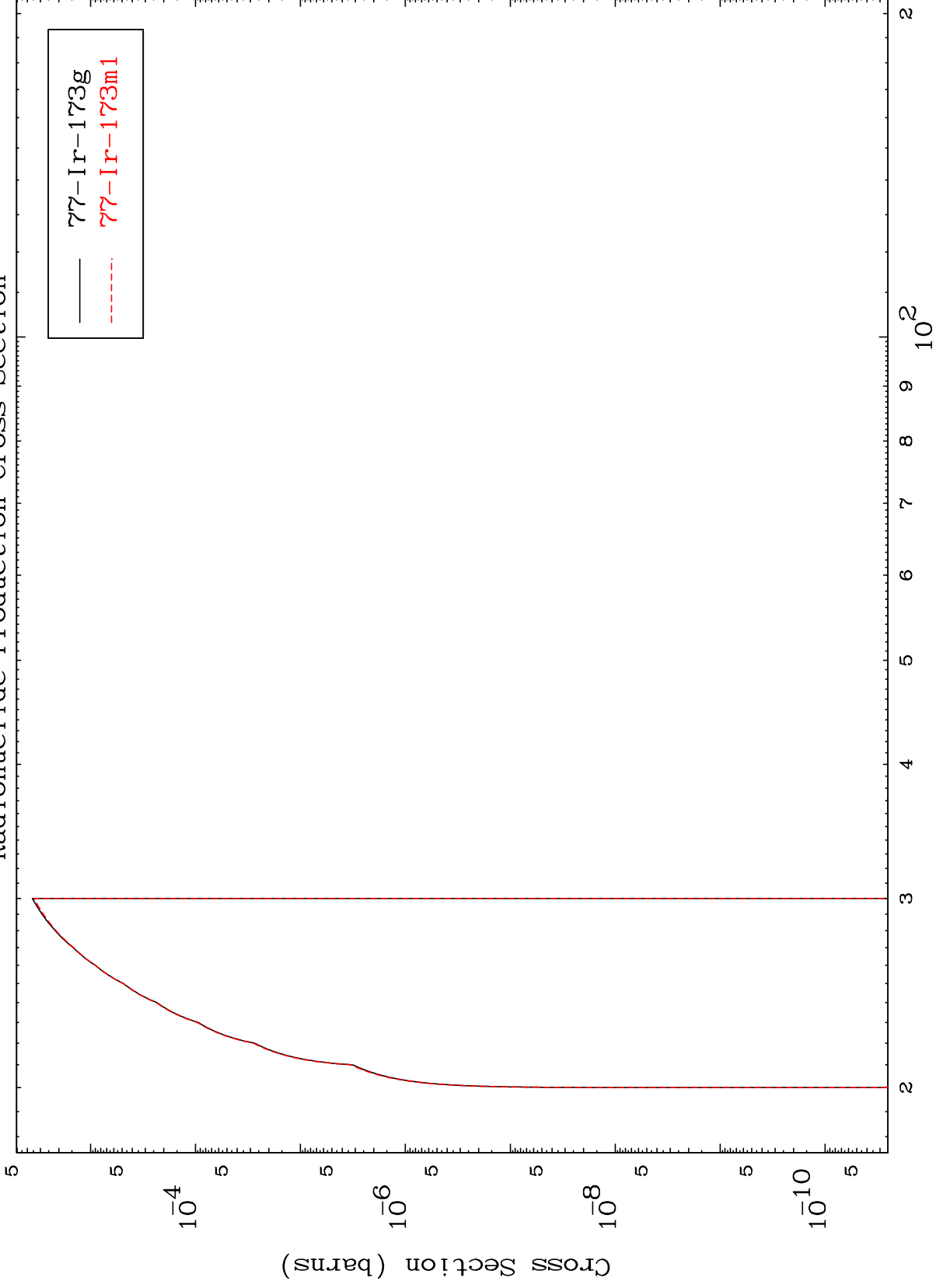
79-Au-179

MAT 7871

(n,3n)  $\alpha$

<sup>79</sup>Au-179

Radionuclide Production Cross Section



25

Incident Energy (MeV)

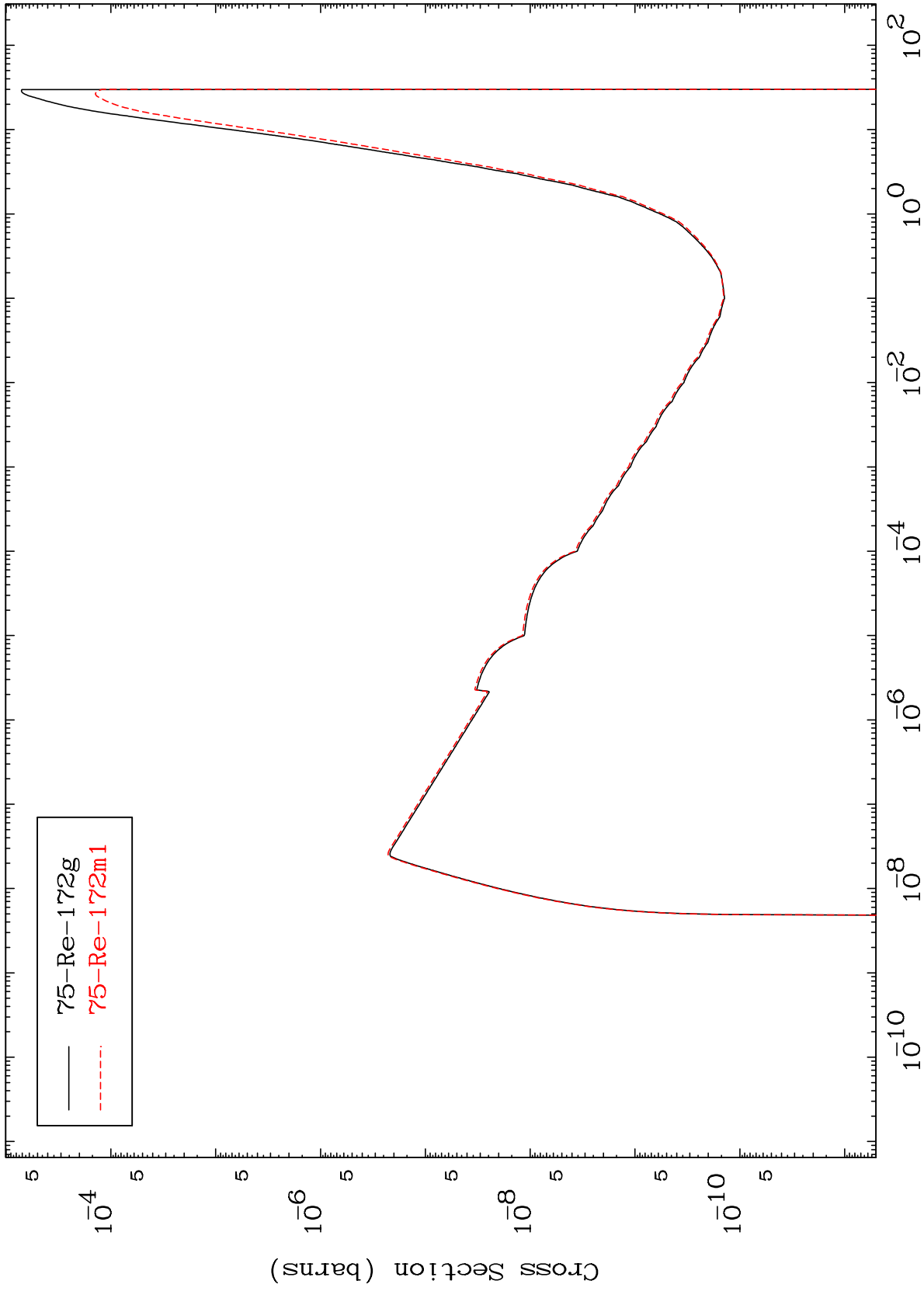
<sup>79</sup>Au-179

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(n,2α)

79-Au-179

Radionuclide Production Cross Section



26

Incident Energy (MeV)

79-Au-179